

1) Rnum=7117050 EventN=6401970 (1 Yu-N[+])

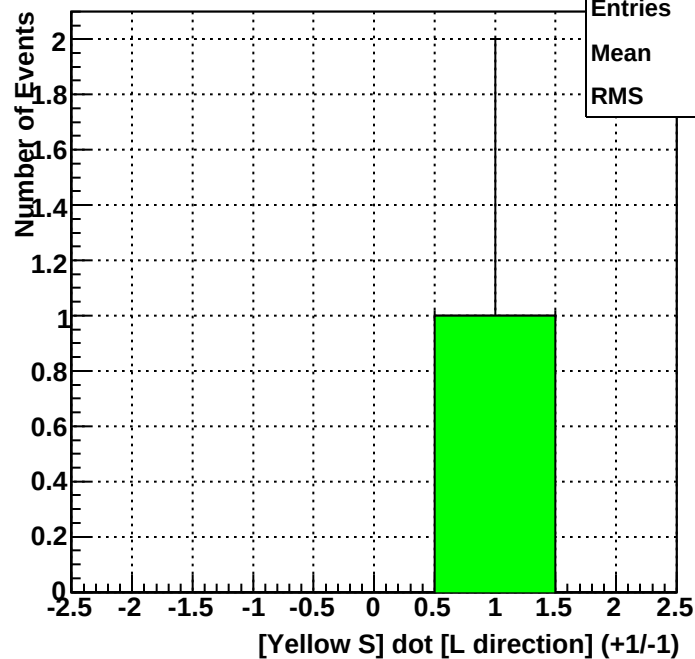
(1) Energy=36.082764 Y=-3.671302 Phi=-0.196860

(2) Energy=26.550714 Y=-3.631404 Phi=0.193910

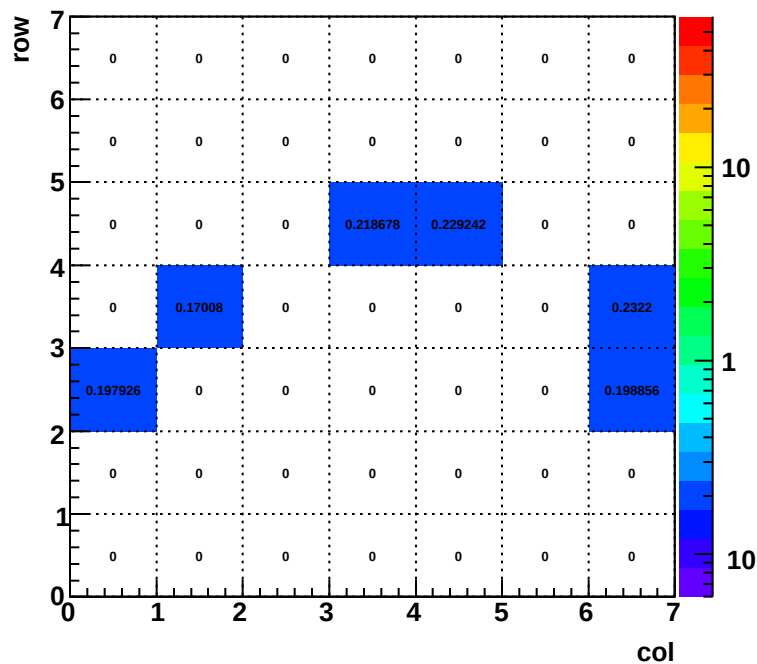
M12=0.627 Y12=-3.673 Phi12=-0.028 E12=62.633

SumN(-) = 0 SumN(+)= 1 AN/.6=1.667

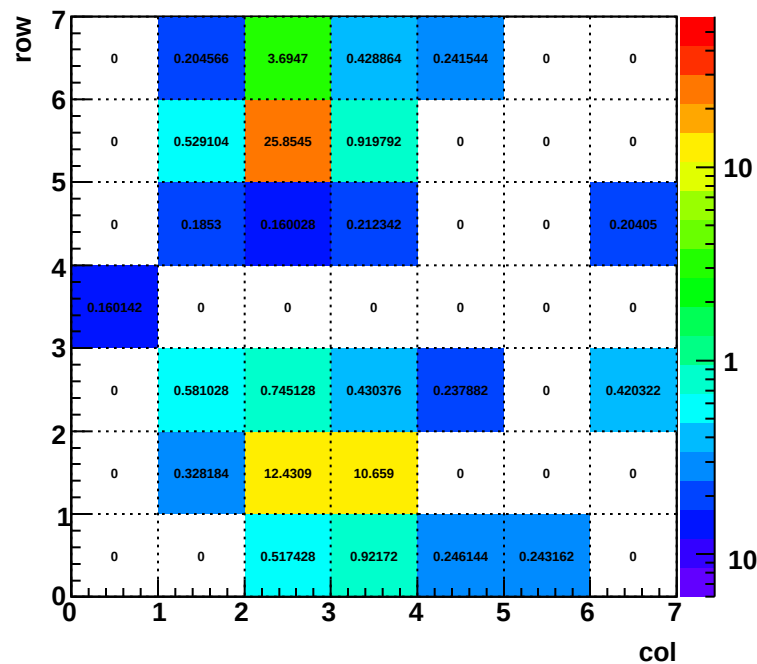
Running Yellow Spin Accumulation



North FPD



South FPD



2) Rnum=7117050 EventN=2305376 (3 Yu-S[-])

(1) Energy=46.692013 Y=-3.560369 Phi=-3.134574

(2) Energy=19.265944 Y=-3.925858 Phi=-3.052525

M12=0.535 Y12=-3.655 Phi12=-3.116 E12=65.958

SumN(-) = 1 SumN(+)= 1 AN/.6=0.000

2) Rnum=7117050 EventN=2305376 (3 Yu-S[-])

(1) Energy=46.692013 Y=-3.560369 Phi=-3.134574

(2) Energy=19.265944 Y=-3.925858 Phi=-3.052525

M12=0.535 Y12=-3.655 Phi12=-3.116 E12=65.958

SumN(-) = 1 SumN(+)= 1 AN/.6=0.000

2) Rnum=7117050 EventN=2305376 (3 Yu-S[-])

(1) Energy=46.692013 Y=-3.560369 Phi=-3.134574

(2) Energy=19.265944 Y=-3.925858 Phi=-3.052525

M12=0.535 Y12=-3.655 Phi12=-3.116 E12=65.958

SumN(-) = 1 SumN(+)= 1 AN/.6=0.000

2) Rnum=7117050 EventN=2305376 (3 Yu-S[-])

(1) Energy=46.692013 Y=-3.560369 Phi=-3.134574

(2) Energy=19.265944 Y=-3.925858 Phi=-3.052525

M12=0.535 Y12=-3.655 Phi12=-3.116 E12=65.958

SumN(-) = 1 SumN(+)= 1 AN/.6=0.000

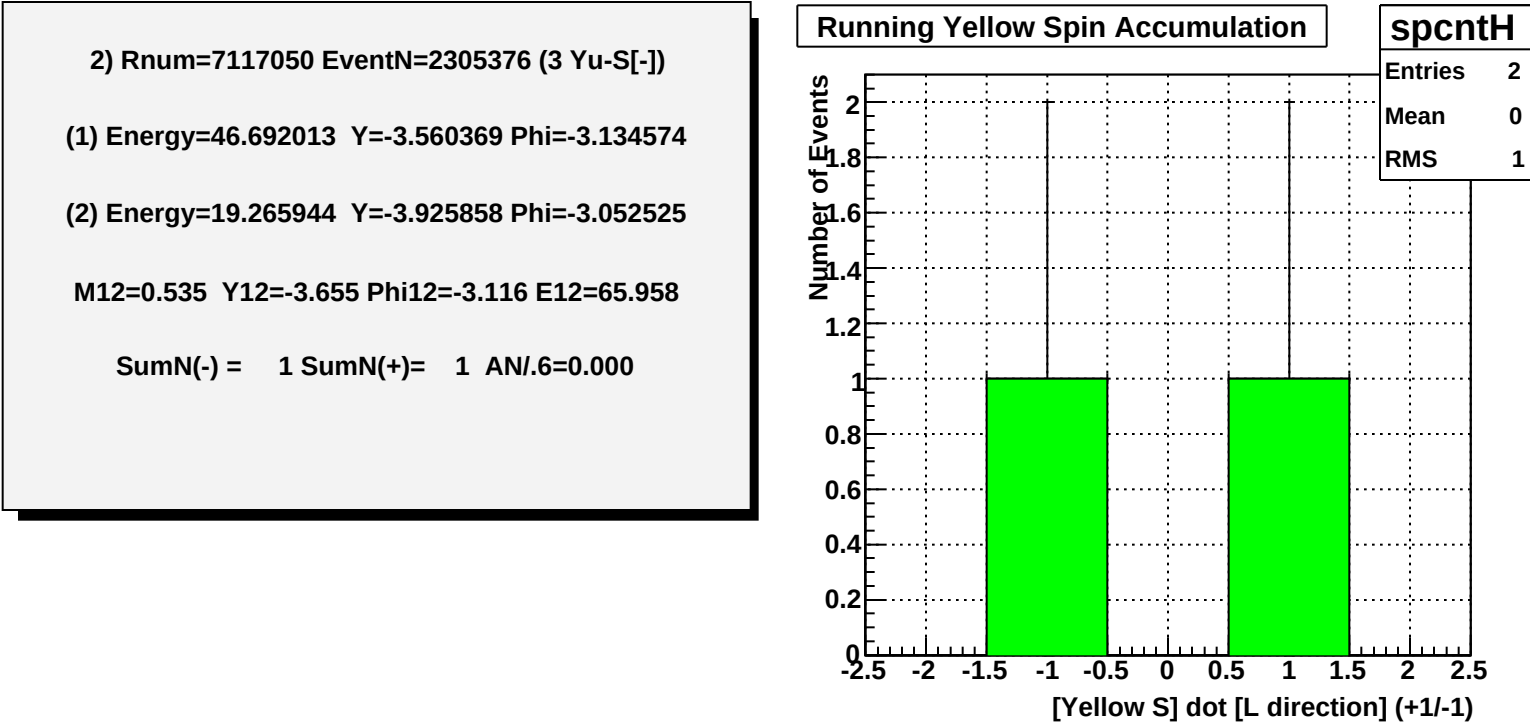
2) Rnum=7117050 EventN=2305376 (3 Yu-S[-])

(1) Energy=46.692013 Y=-3.560369 Phi=-3.134574

(2) Energy=19.265944 Y=-3.925858 Phi=-3.052525

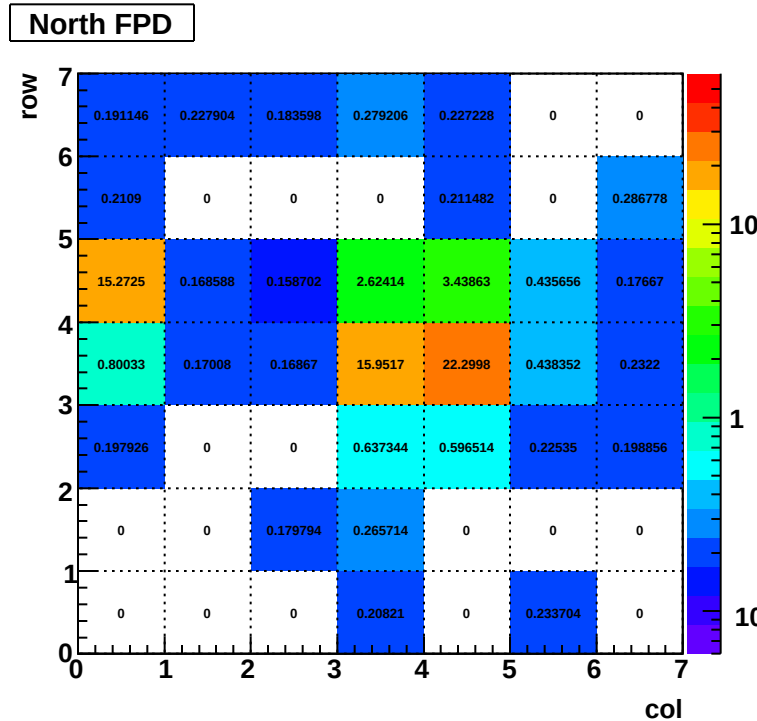
M12=0.535 Y12=-3.655 Phi12=-3.116 E12=65.958

SumN(-) = 1 SumN(+)= 1 AN/.6=0.000



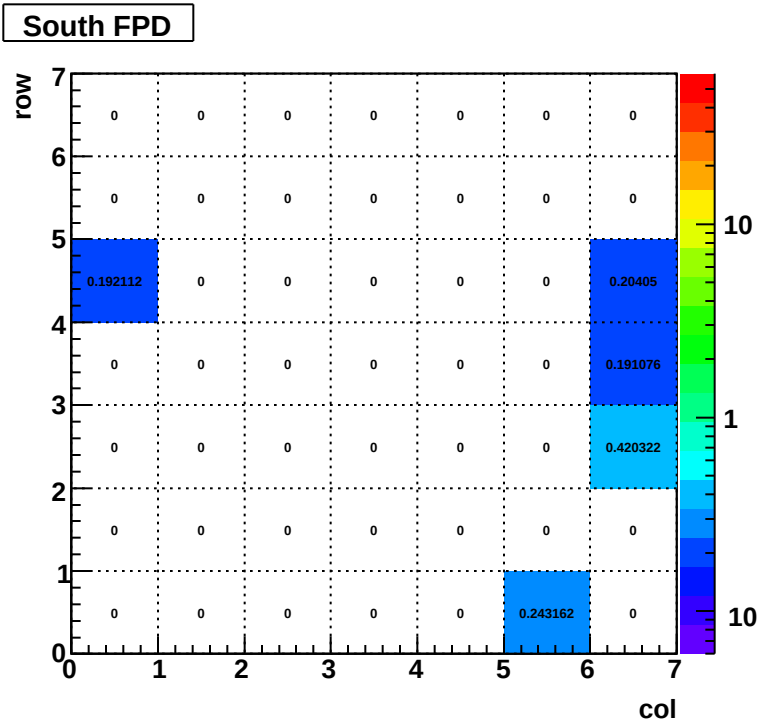
Heatmap titled "North FPD" showing a 7x7 grid of values. The color scale ranges from 10 (dark blue) to 10 (dark red). The values are:

row \ col	0	1	2	3	4	5	6
7	0.191146	0.227904	0.183598	0.279206	0.227228	0	0
6	0.2109	0	0	0	0.211482	0	0.286778
5	15.2725	0.168588	0.158702	2.62414	3.43863	0.435656	0.17667
4	0.80033	0.17008	0.16867	15.9517	22.2998	0.438352	0.2322
3	0.197926	0	0	0.637344	0.596514	0.22535	0.198856
2	0	0	0.179794	0.265714	0	0	0
1	0	0	0	0.20821	0	0.233704	0
0							



South FPD

row \ col	0	1	2	3	4	5	6
7	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
5	0.192112	0	0	0	0	0	0.20405
4	0	0	0	0	0	0	0.191076
3	0	0	0	0	0	0	0.420322
2	0	0	0	0	0	0	0
1	0	0	0	0	0	0.243162	0
0	0	0	0	0	0	0.243162	0



3) Rnum=7117051 EventN=703104 (3 Yu-N[+])

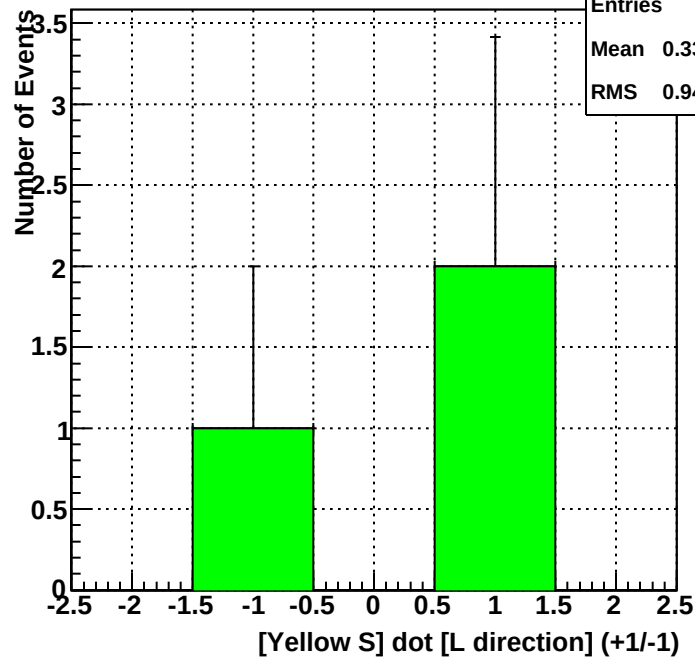
(1) Energy=31.828320 Y=-3.779049 Phi=0.111393

(2) Energy=31.575512 Y=-3.743290 Phi=-0.231848

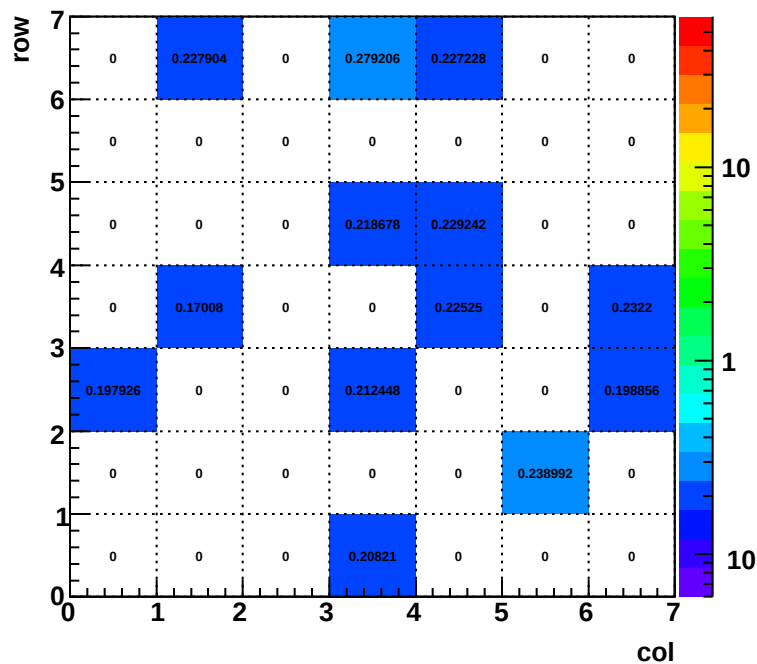
M12=0.506 Y12=-3.776 Phi12=-0.063 E12=63.404

SumN(-) = 1 SumN(+)= 2 AN/.6=0.556

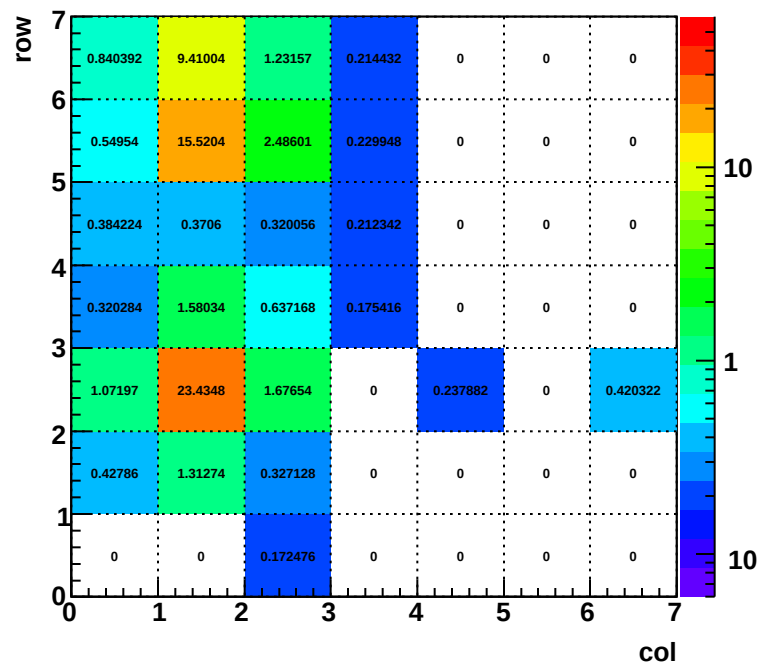
Running Yellow Spin Accumulation



North FPD



South FPD



4) Rnum=7117063 EventN=1402896 (1 Yu-N[+])

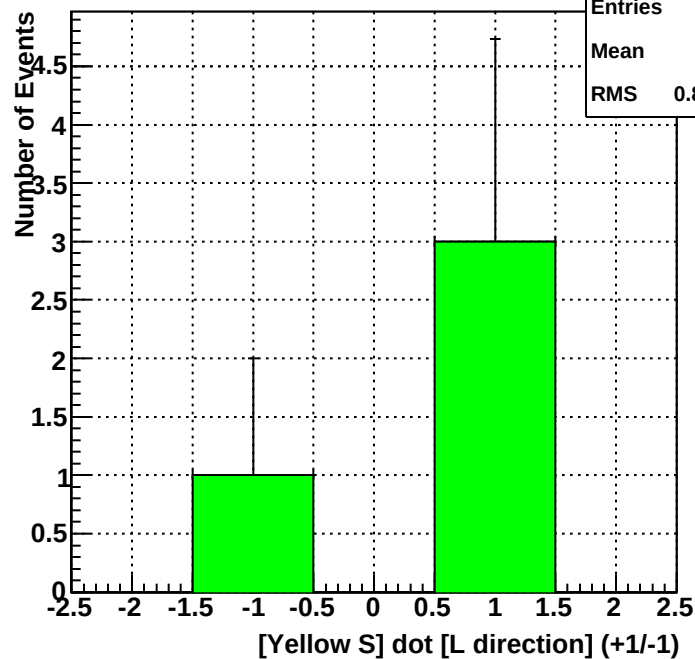
(1) Energy=45.177025 Y=-3.785529 Phi=-0.162232

(2) Energy=19.690302 Y=-3.622731 Phi=0.233840

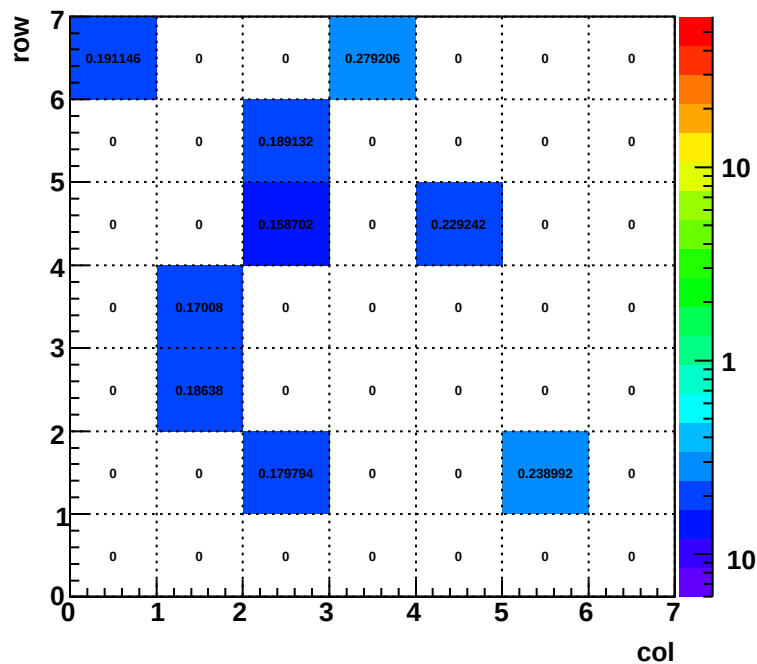
M12=0.625 Y12=-3.751 Phi12=-0.029 E12=64.867

SumN(-) = 1 SumN(+)= 3 AN/6=0.833

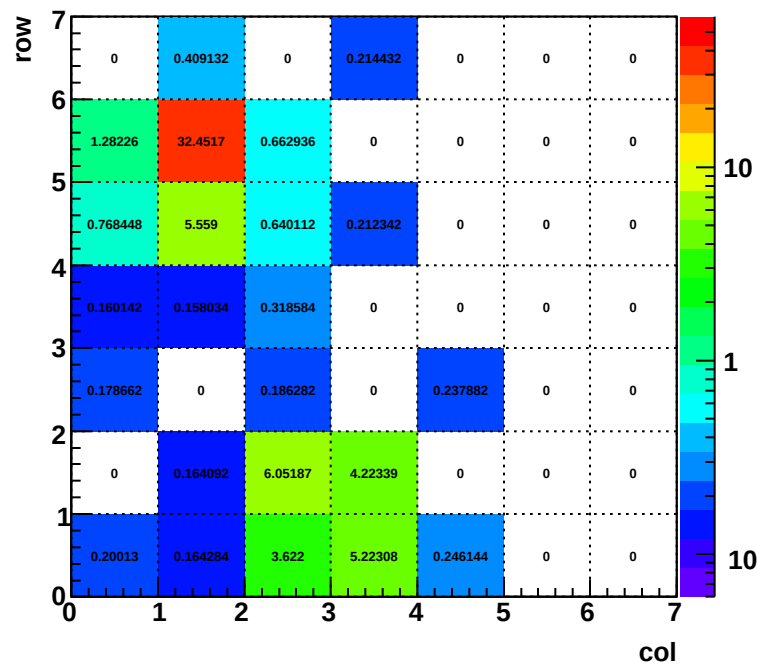
Running Yellow Spin Accumulation



North FPD



South FPD



5) Rnum=7117064 EventN=109479 (2 Yd-S[+])

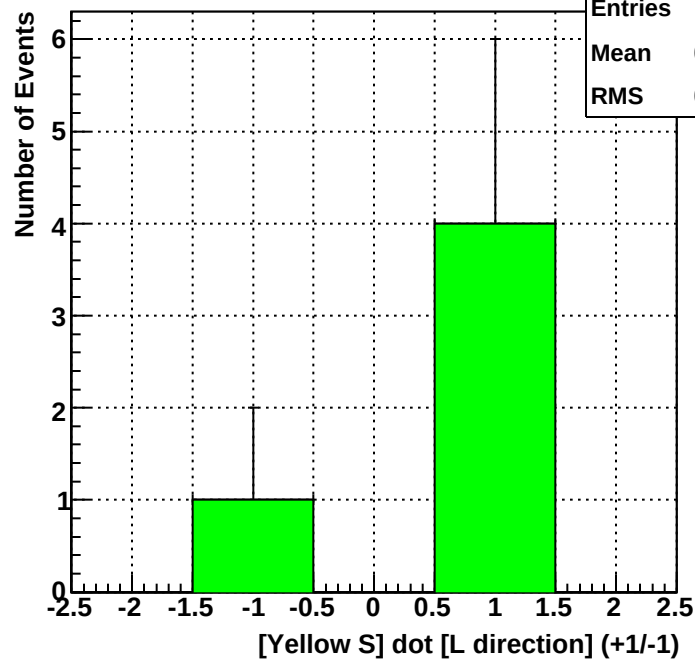
(1) Energy=42.373425 Y=-3.652420 Phi=-2.893218

(2) Energy=18.965872 Y=-3.673211 Phi=3.032443

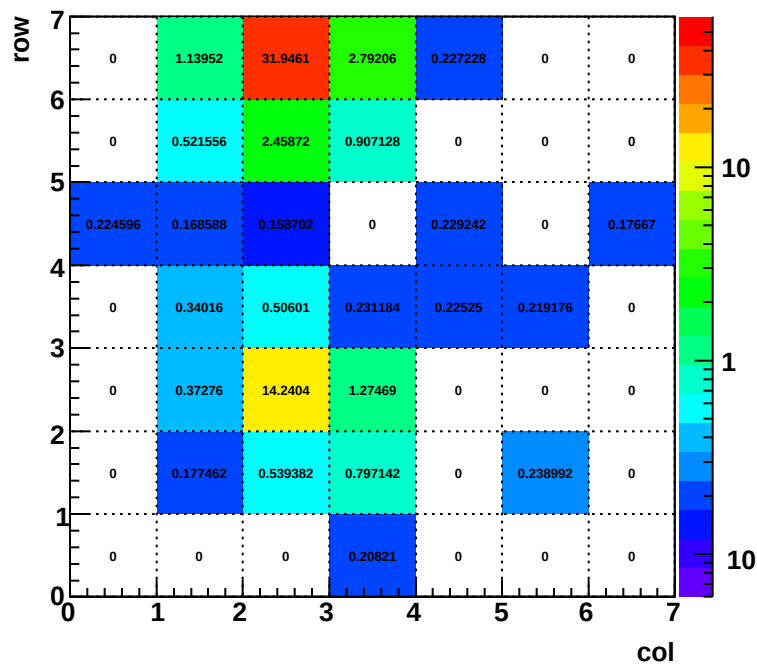
M12=0.518 Y12=-3.672 Phi12=-3.002 E12=61.339

SumN(-) = 1 SumN(+)= 4 AN/6=1.000

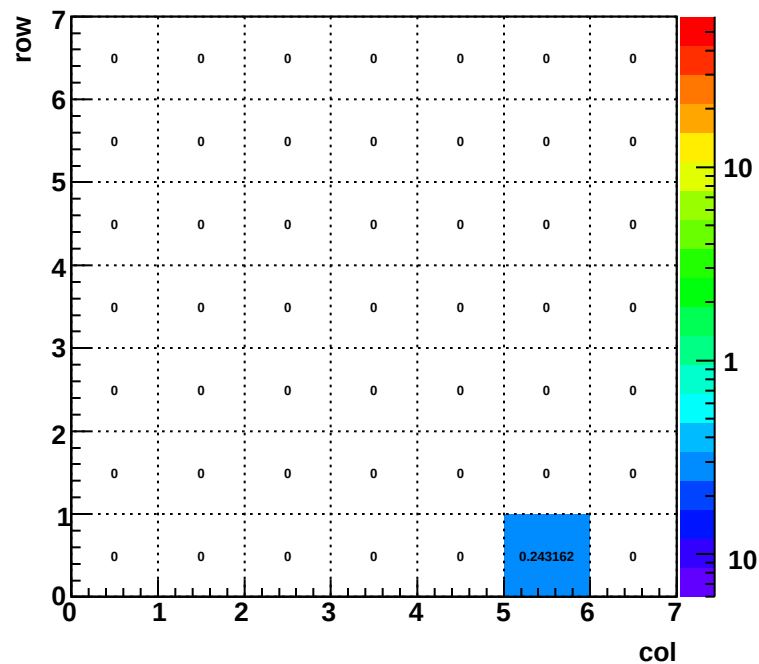
Running Yellow Spin Accumulation



North FPD



South FPD



6) Rnum=7117064 EventN=1802177 (3 Yu-N[+])

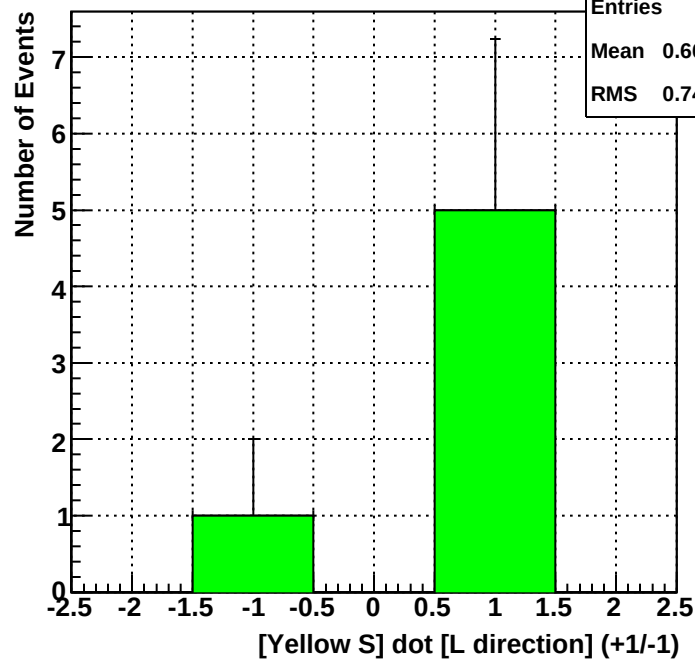
(1) Energy=37.481743 Y=-3.699625 Phi=0.054142

(2) Energy=25.083851 Y=-3.852282 Phi=-0.321659

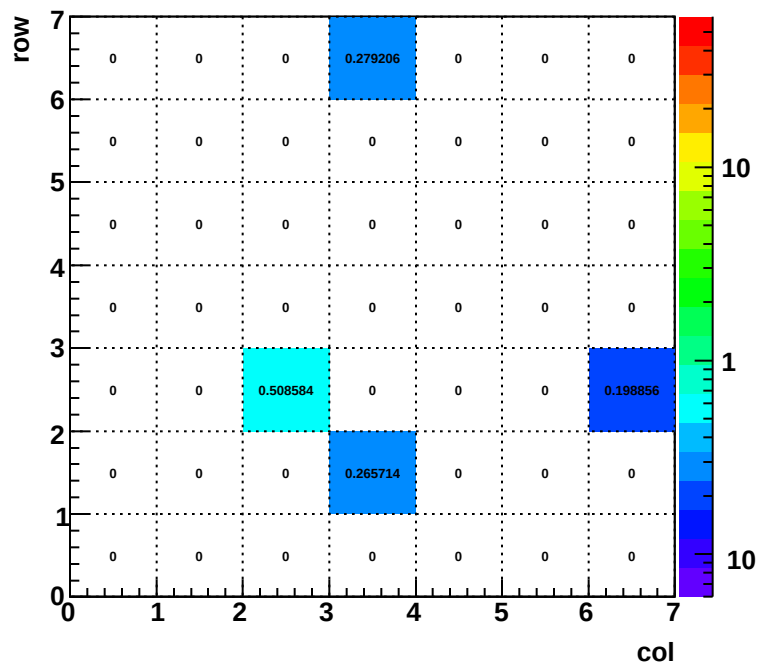
M12=0.567 Y12=-3.774 Phi12=-0.082 E12=62.566

SumN(-) = 1 SumN(+)= 5 AN/.6=1.111

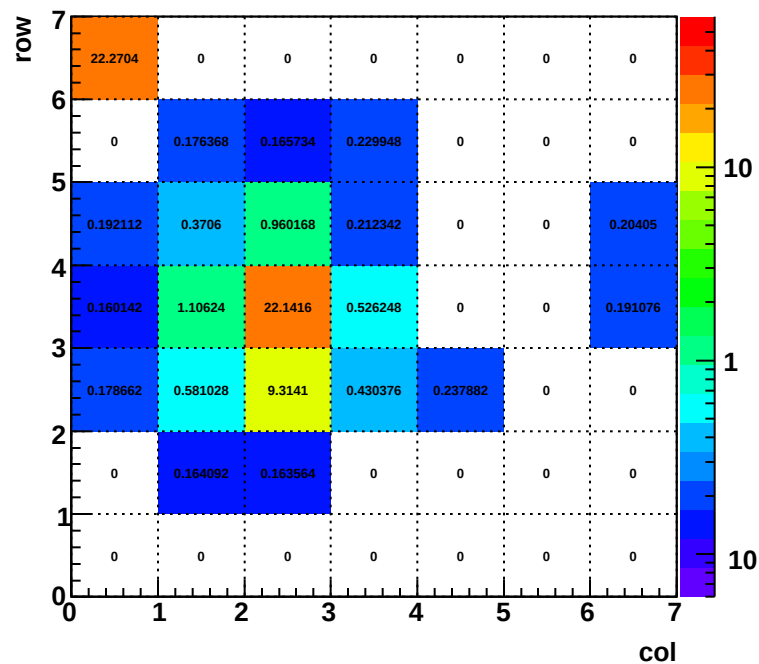
Running Yellow Spin Accumulation



North FPD



South FPD



7) Rnum=7117064 EventN=1802982 (0 Yd-N[-])

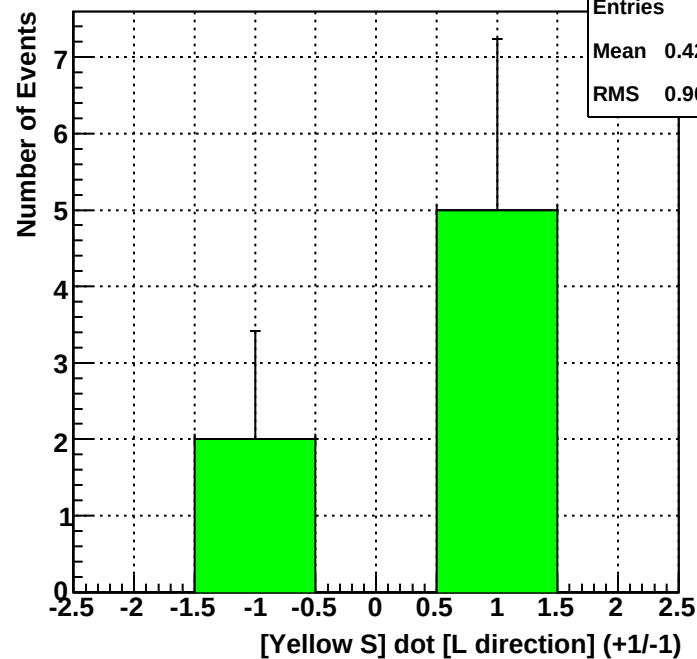
(1) Energy=50.194588 Y=-3.787741 Phi=-0.091303

(2) Energy=12.822750 Y=-3.395097 Phi=0.084529

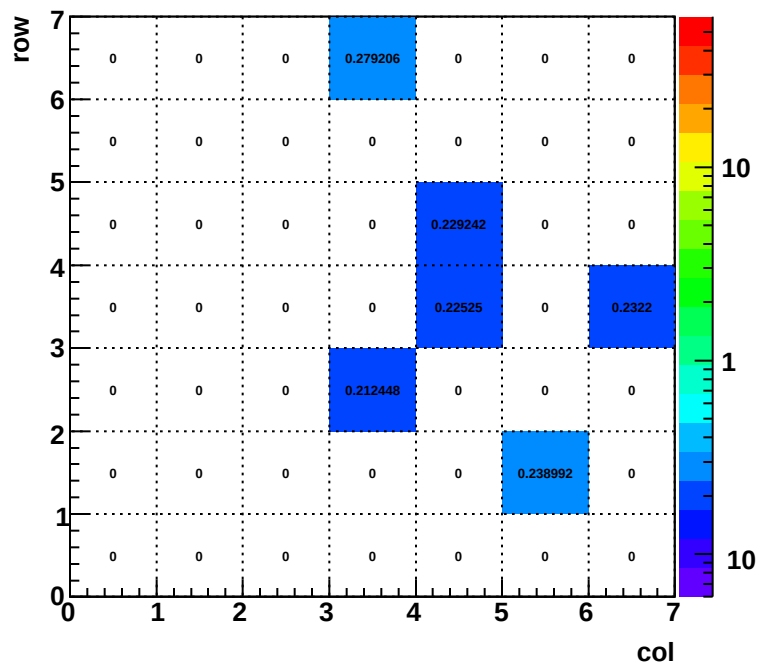
M12=0.604 Y12=-3.697 Phi12=-0.043 E12=63.017

SumN(-) = 2 SumN(+)= 5 AN/6=0.714

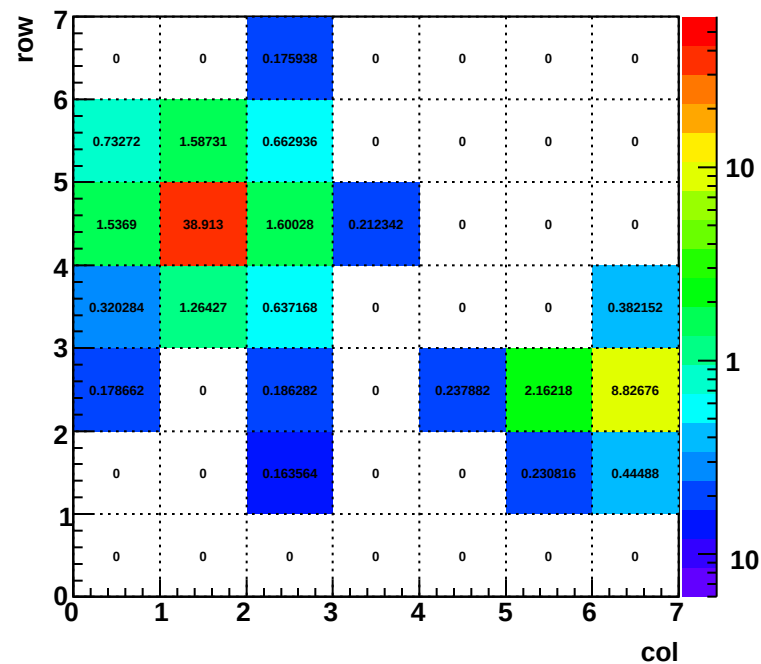
Running Yellow Spin Accumulation



North FPD



South FPD



8) Rnum=7118002 EventN=5003032 (3 Yu-S[-])

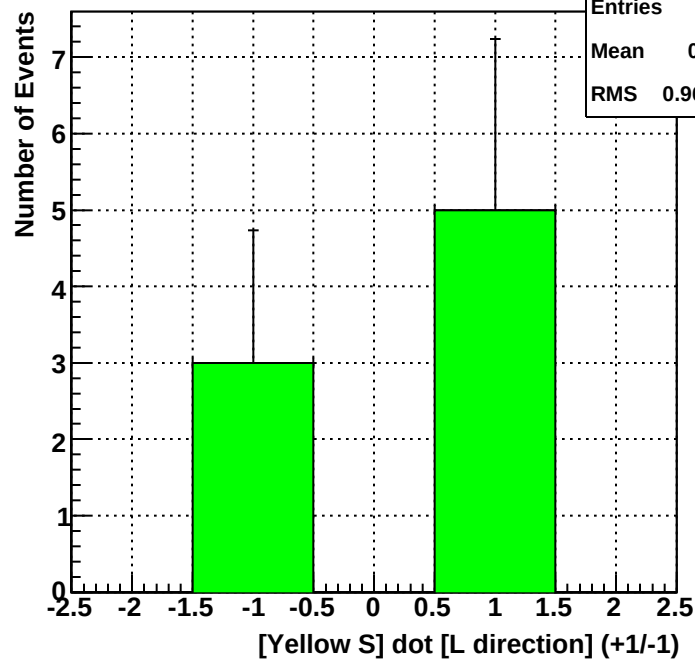
(1) Energy=37.897400 Y=-3.613043 Phi=3.121496

(2) Energy=22.899929 Y=-3.897319 Phi=-2.918163

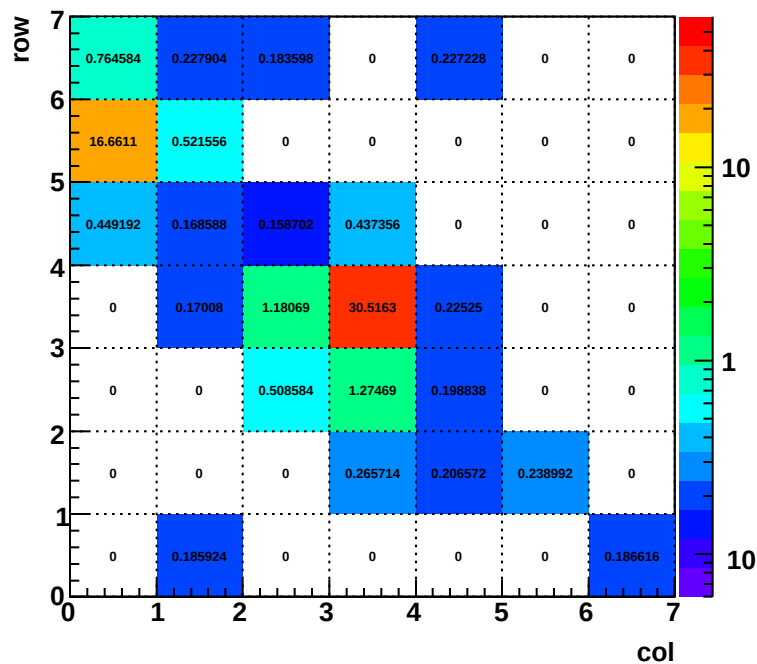
M12=0.516 Y12=-3.717 Phi12=-3.086 E12=60.797

SumN(-) = 3 SumN(+) = 5 AN/6=0.417

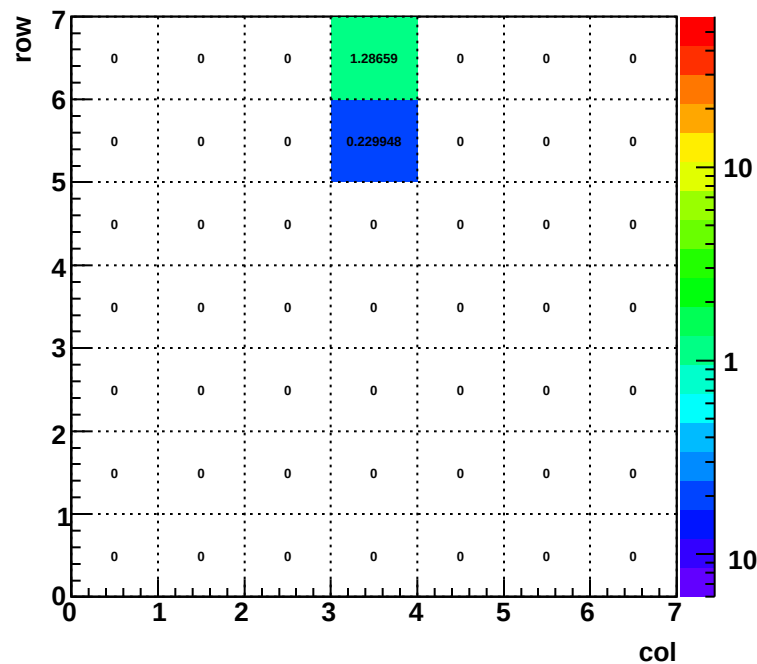
Running Yellow Spin Accumulation



North FPD



South FPD



9) Rnum=7118003 EventN=7106467 (3 Yu-N[+])

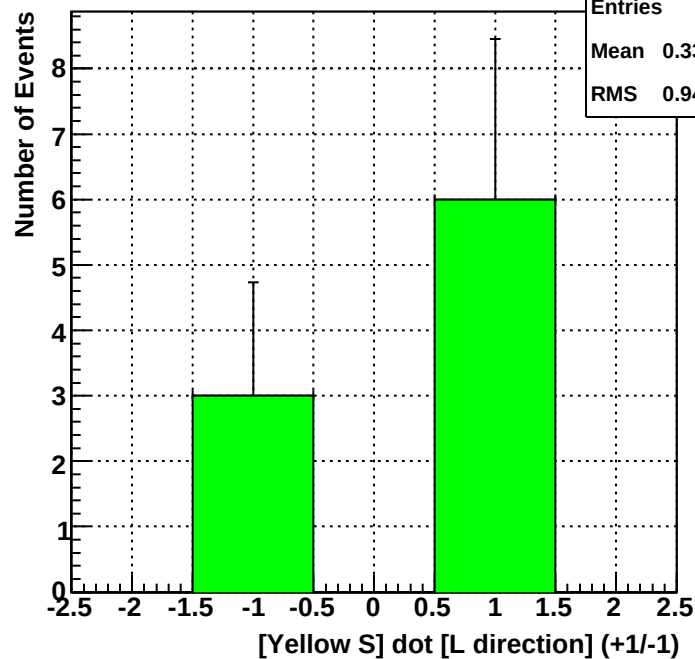
(1) Energy=46.142025 Y=-3.529483 Phi=0.053863

(2) Energy=14.644198 Y=-3.861176 Phi=-0.233095

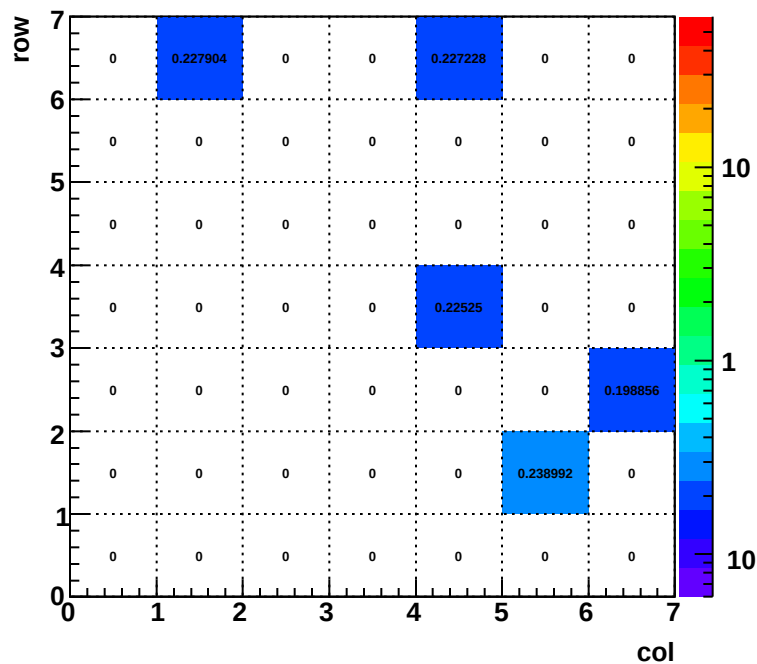
M12=0.567 Y12=-3.606 Phi12=0.001 E12=60.786

SumN(-) = 3 SumN(+)= 6 AN/6=0.556

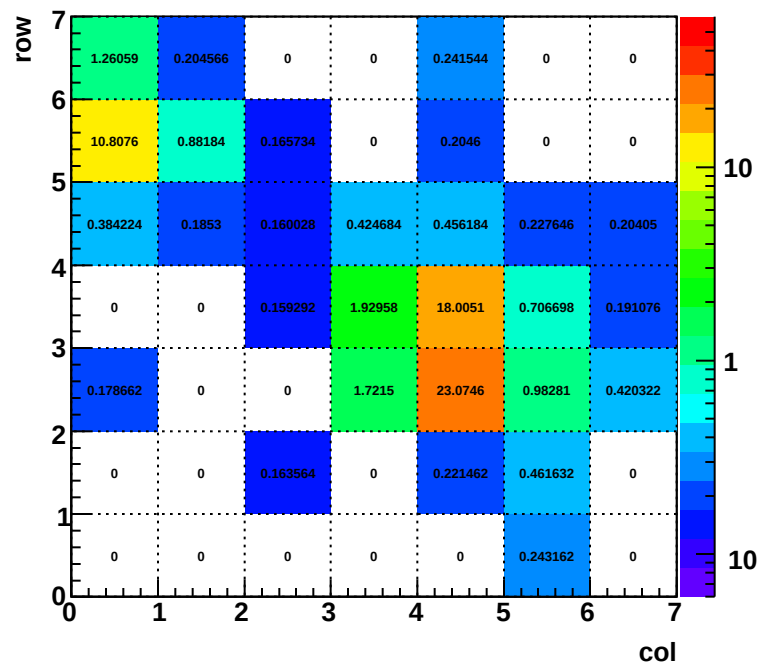
Running Yellow Spin Accumulation



North FPD



South FPD



10) Rnum=7118003 EventN=7206541 (0 Yd-S[+])

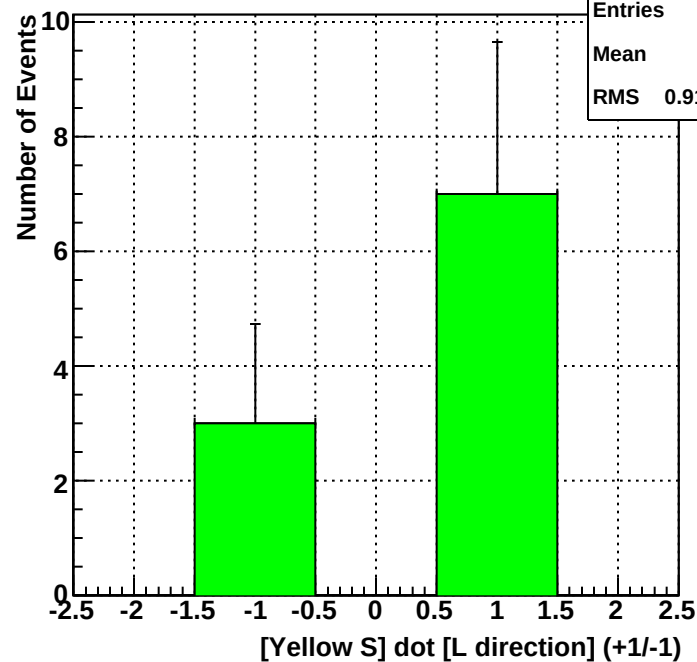
(1) Energy=43.173752 Y=-3.557051 Phi=-3.014802

(2) Energy=24.978153 Y=-3.918730 Phi=3.106631

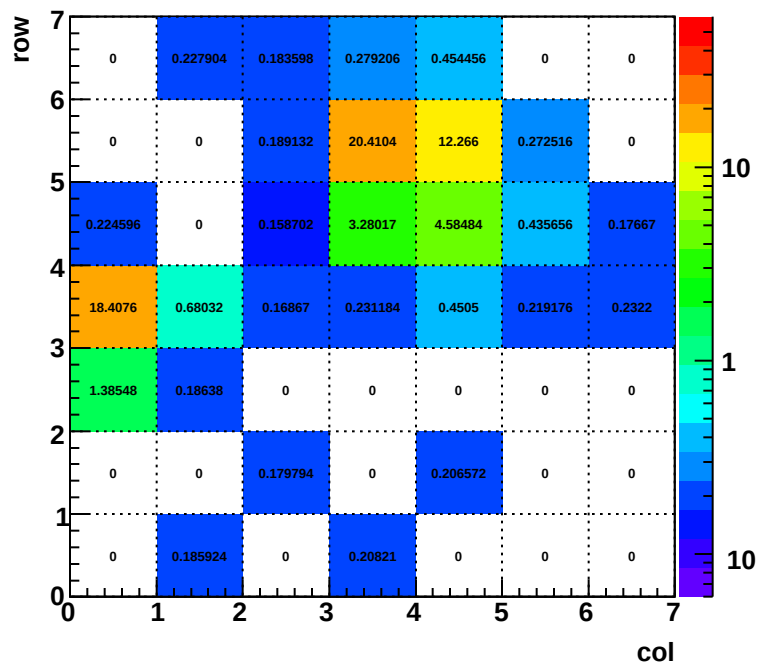
M12=0.622 Y12=-3.678 Phi12=-3.061 E12=68.152

SumN(-) = 3 SumN(+)= 7 AN/.6=0.667

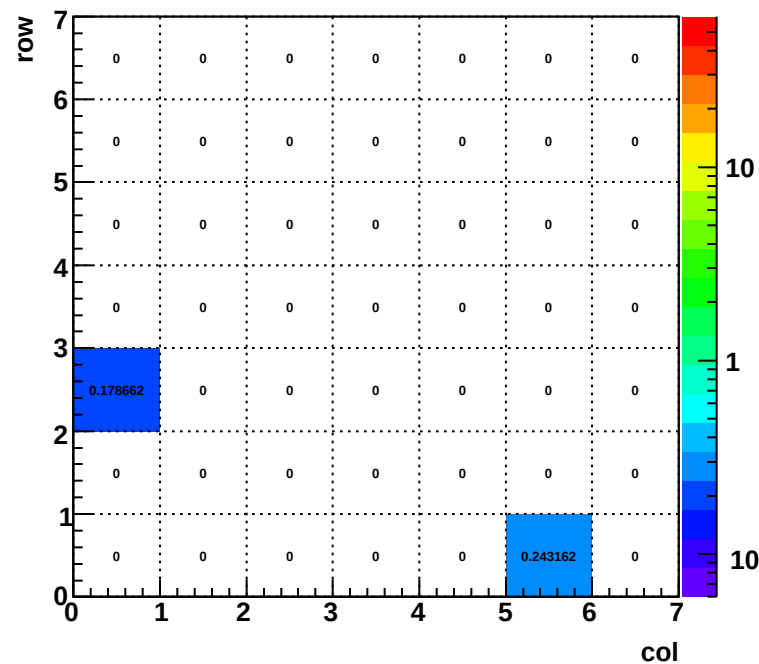
Running Yellow Spin Accumulation



North FPD



South FPD



11) Rnum=7118009 EventN=3006573 (2 Yd-N[-])

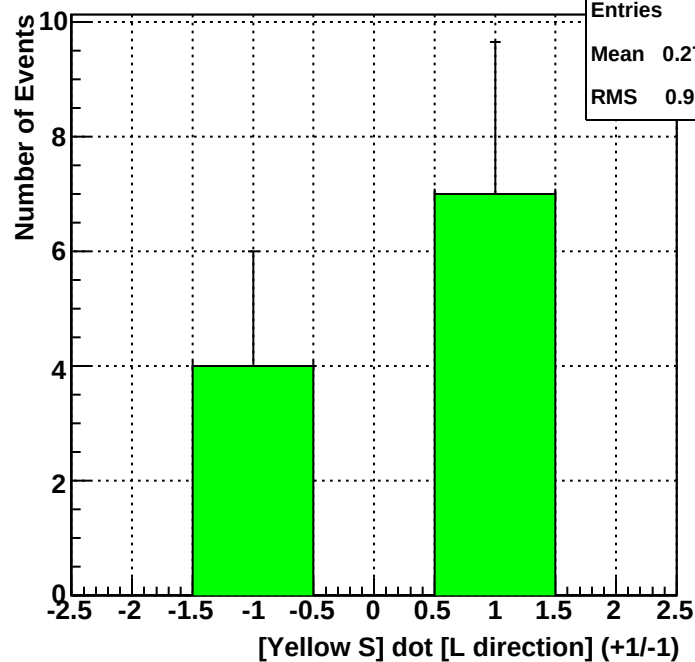
(1) Energy=26.871241 Y=-3.779771 Phi=-0.080998

(2) Energy=33.148708 Y=-3.697331 Phi=0.249500

M12=0.482 Y12=-3.747 Phi12=0.108 E12=60.020

SumN(-) = 4 SumN(+)= 7 AN/.6=0.455

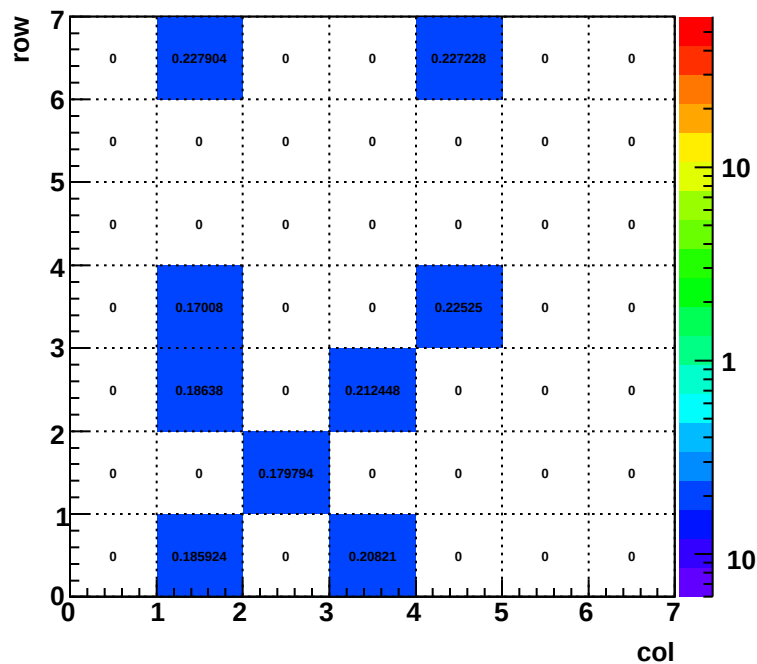
Running Yellow Spin Accumulation



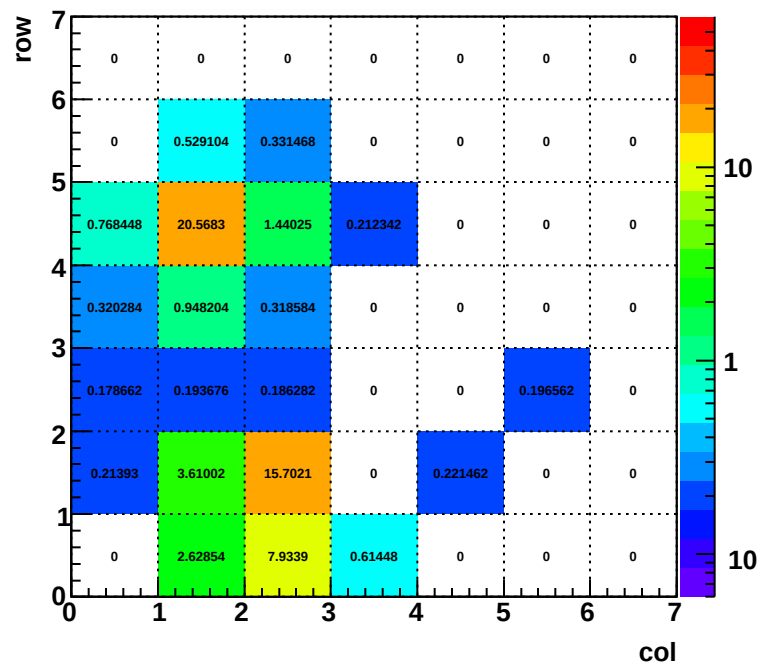
spcntH

Entries 11
Mean 0.2727
RMS 0.9621

North FPD



South FPD



12) Rnum=7118016 EventN=2706555 (0 Yd-S[+])

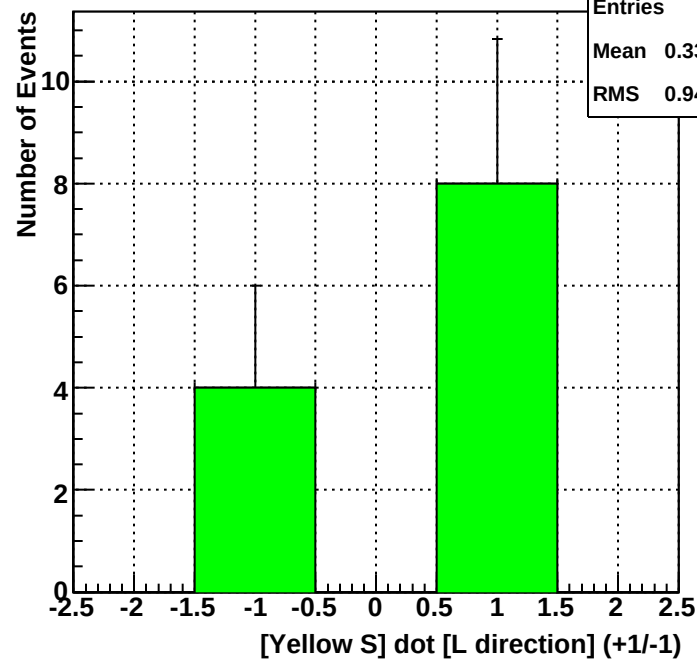
(1) Energy=53.231674 Y=-3.587832 Phi=-2.989030

(2) Energy=7.453807 Y=-3.789797 Phi=2.807765

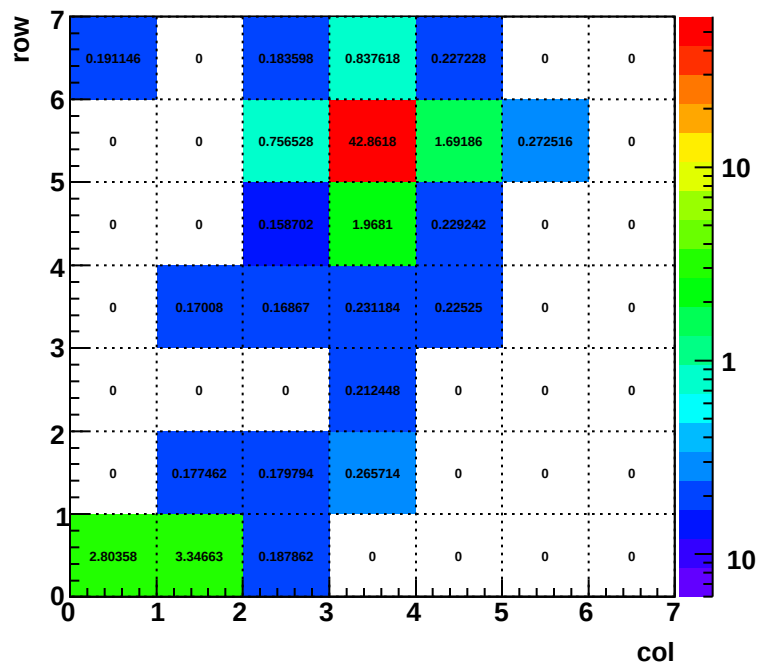
M12=0.520 Y12=-3.621 Phi12=-3.038 E12=60.685

SumN(-) = 4 SumN(+) = 8 AN/6=0.556

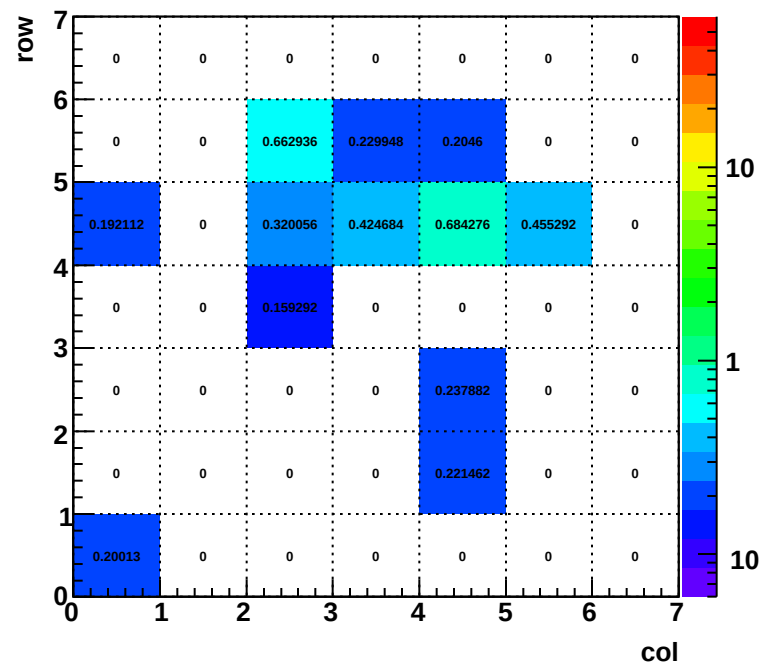
Running Yellow Spin Accumulation



North FPD



South FPD



13) Rnum=7118018 EventN=204651 (0 Yd-S[+])

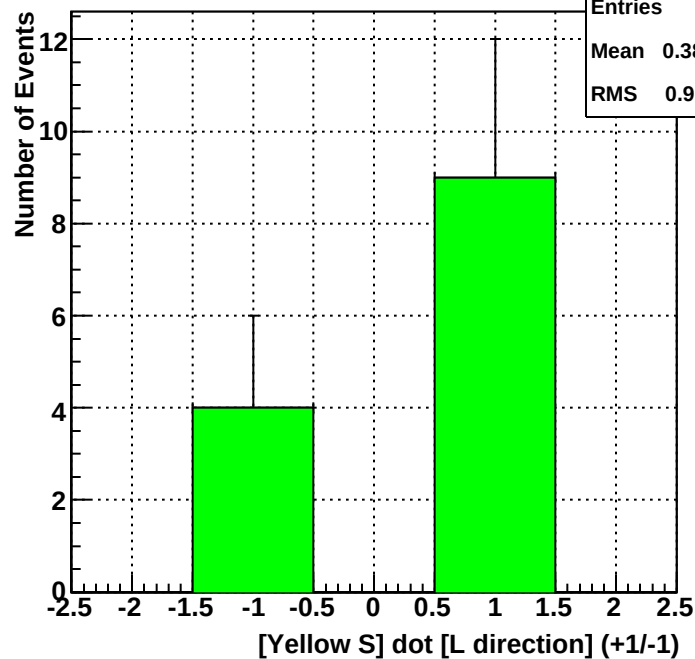
(1) Energy=39.561611 Y=-3.724933 Phi=-2.967651

(2) Energy=21.597488 Y=-3.797108 Phi=2.932177

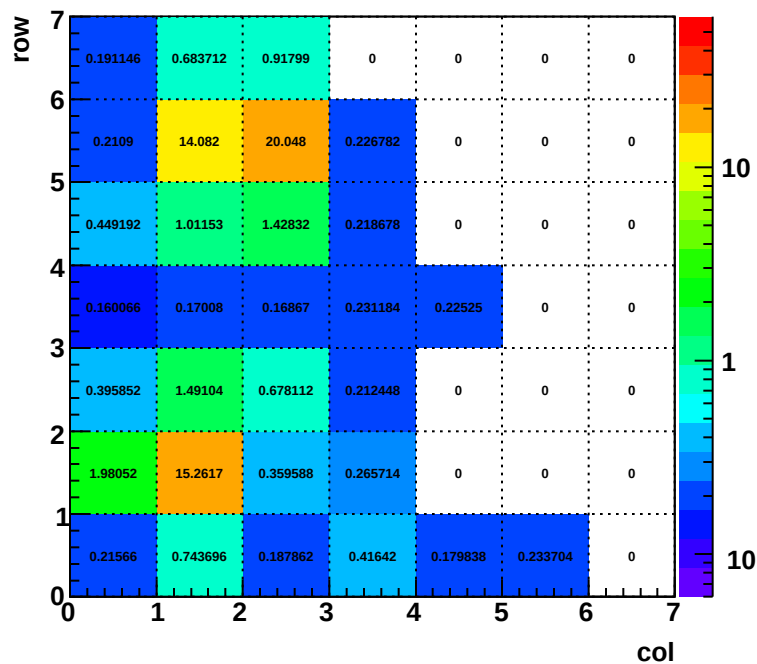
M12=0.527 Y12=-3.766 Phi12=-3.096 E12=61.159

SumN(-) = 4 SumN(+)= 9 AN/.6=0.641

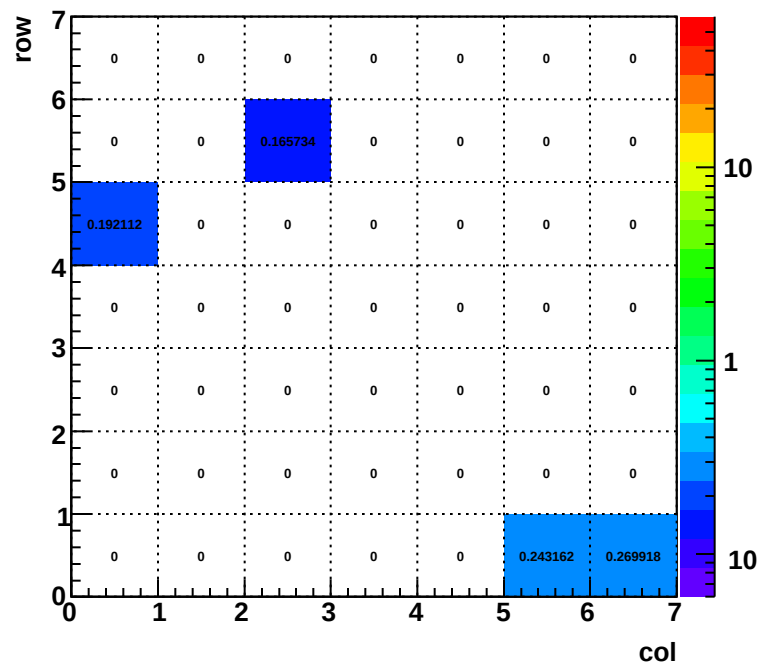
Running Yellow Spin Accumulation



North FPD



South FPD



14) Rnum=7118024 EventN=5909457 (2 Yd-N[-])

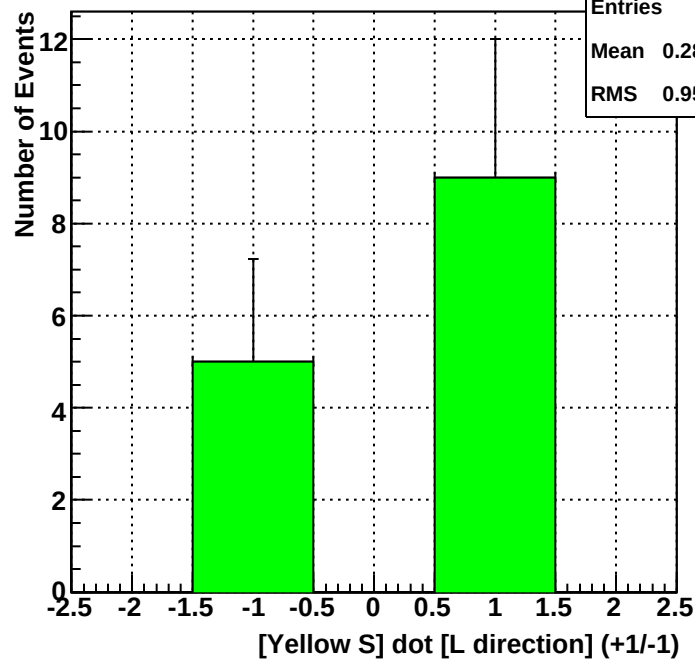
(1) Energy=32.138981 Y=-3.488252 Phi=0.009052

(2) Energy=28.750126 Y=-3.774854 Phi=-0.244132

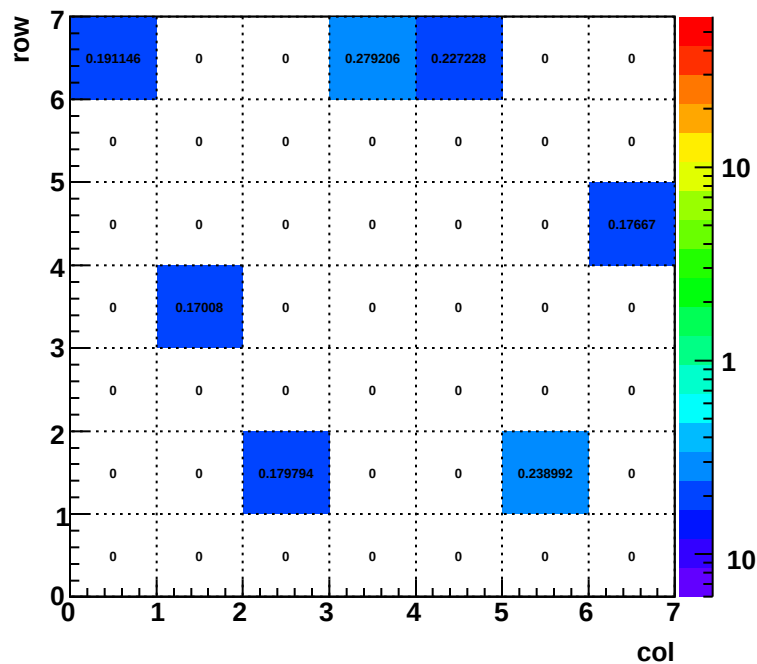
M12=0.616 Y12=-3.621 Phi12=-0.093 E12=60.889

SumN(-) = 5 SumN(+)= 9 AN/6=0.476

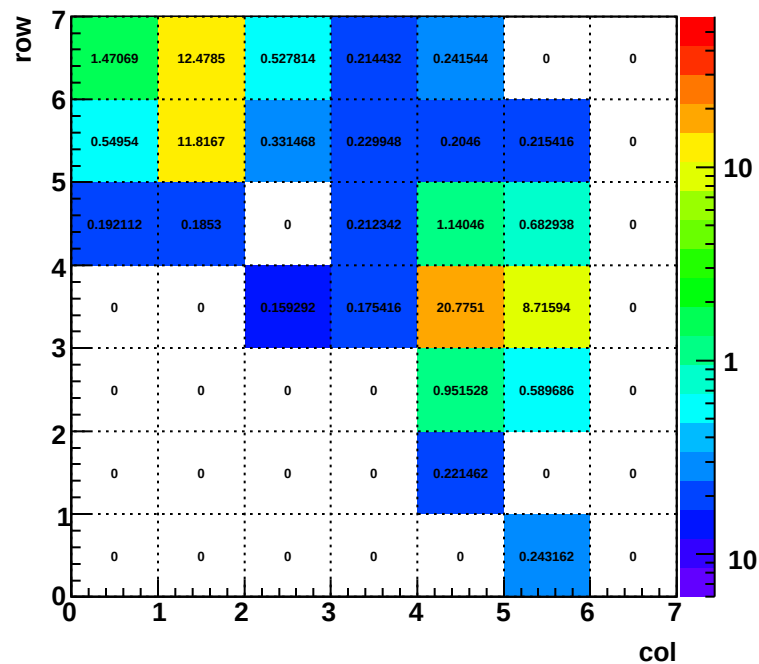
Running Yellow Spin Accumulation



North FPD



South FPD



15) Rnum=7118025 EventN=2603761 (1 Yu-S[-])

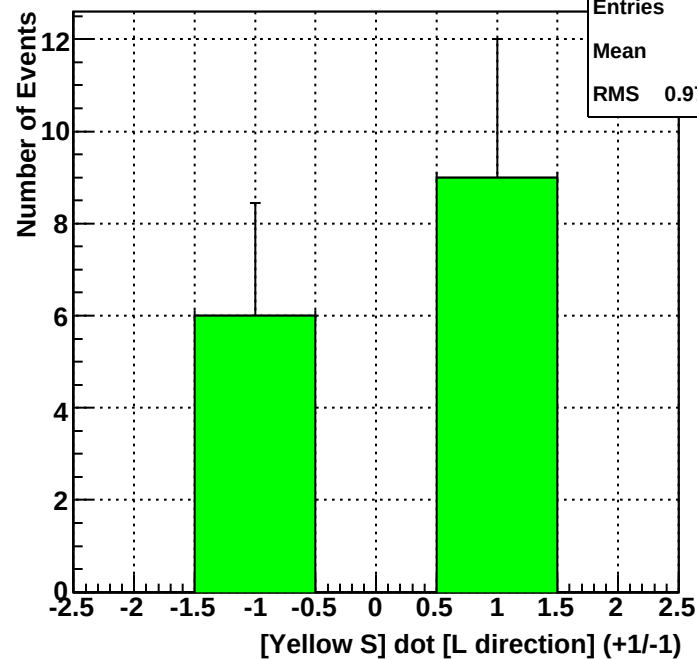
(1) Energy=47.981419 Y=-3.476830 Phi=3.117089

(2) Energy=18.342583 Y=-3.679653 Phi=2.897525

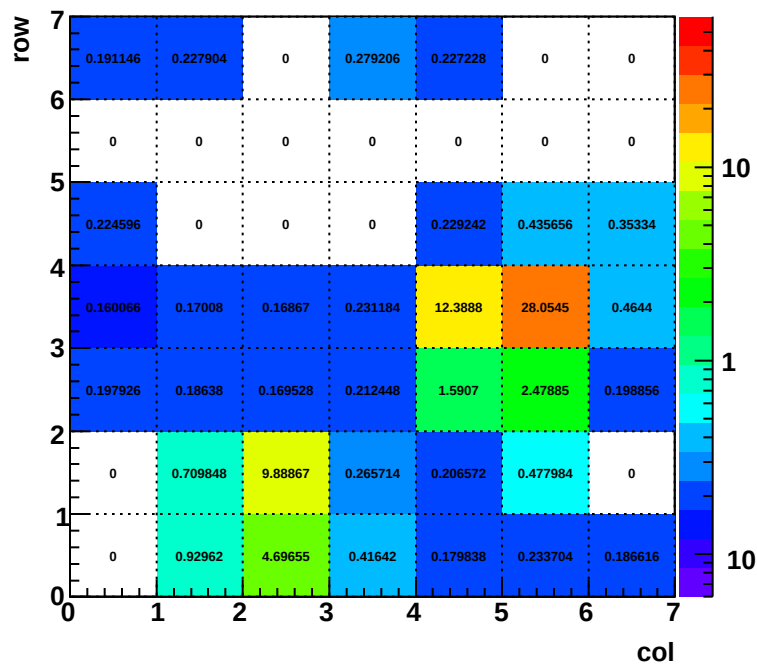
M12=0.494 Y12=-3.533 Phi12=3.065 E12=66.324

SumN(-) = 6 SumN(+)= 9 AN/6=0.333

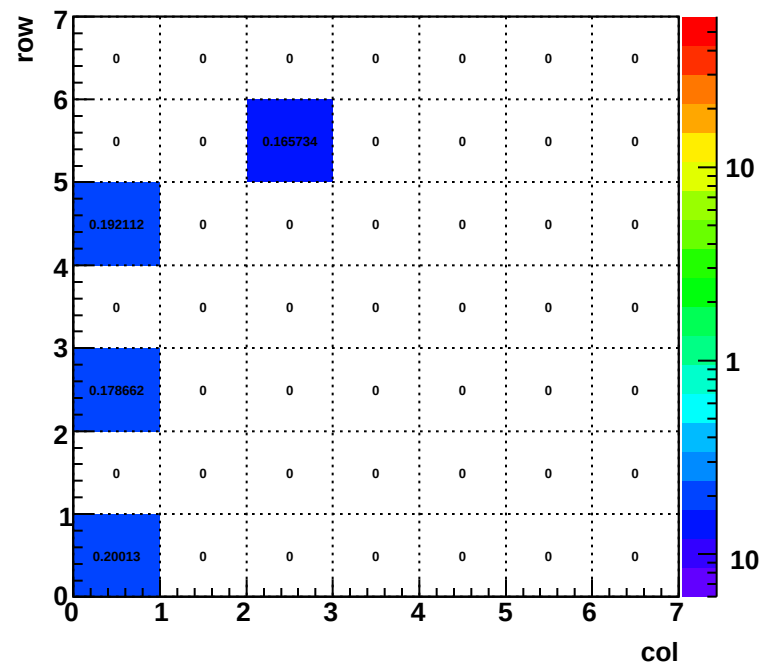
Running Yellow Spin Accumulation



North FPD



South FPD



16) Rnum=7118035 EventN=2009482 (3 Yu-N[+])

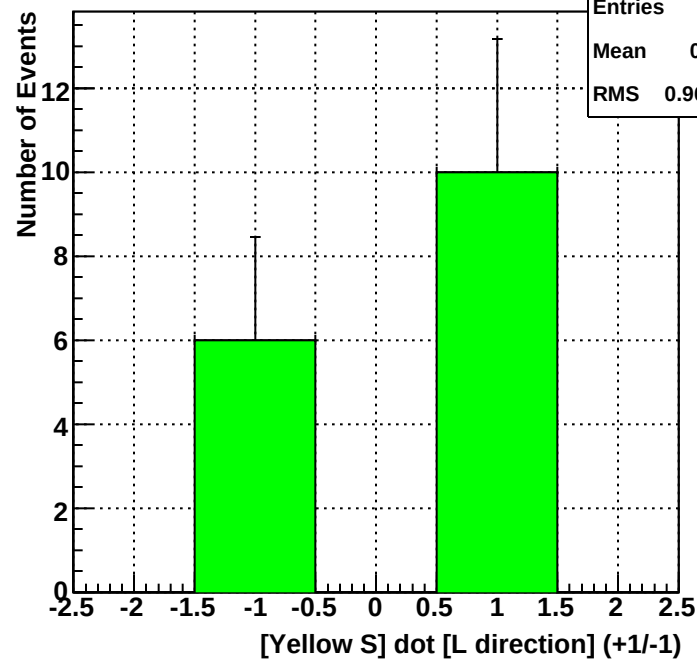
(1) Energy=46.139004 Y=-3.728041 Phi=0.048328

(2) Energy=20.411530 Y=-3.398808 Phi=0.170247

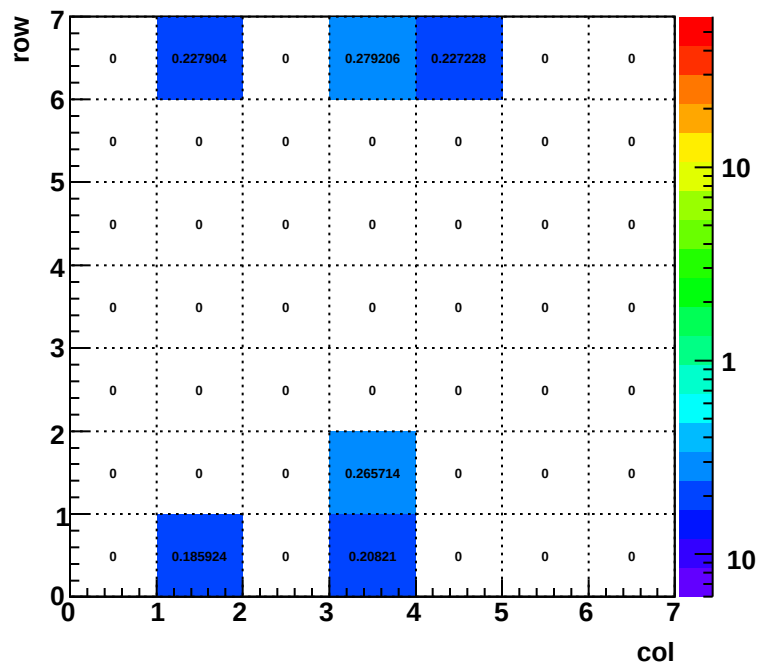
M12=0.613 Y12=-3.617 Phi12=0.095 E12=66.551

SumN(-) = 6 SumN(+)= 10 AN/.6=0.417

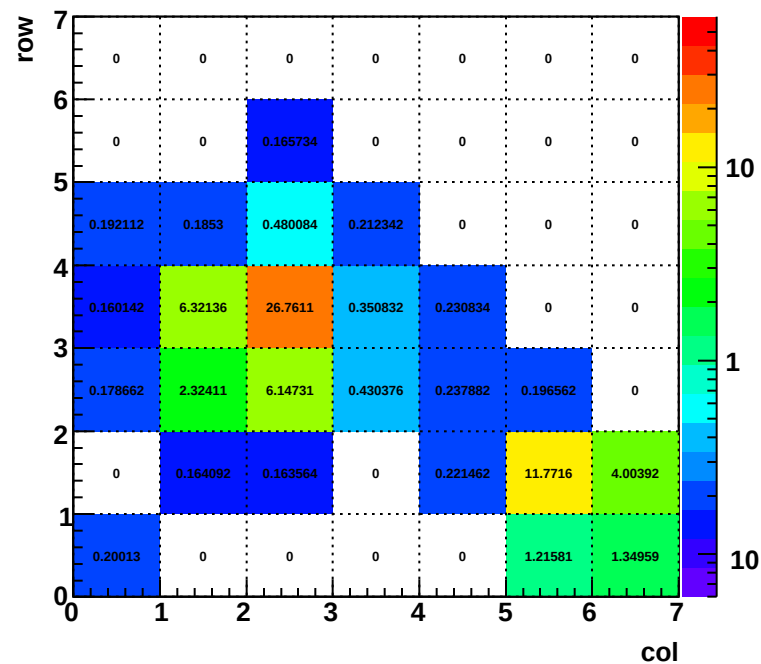
Running Yellow Spin Accumulation



North FPD



South FPD



17) Rnum=7118038 EventN=1409547 (3 Yu-N[+])

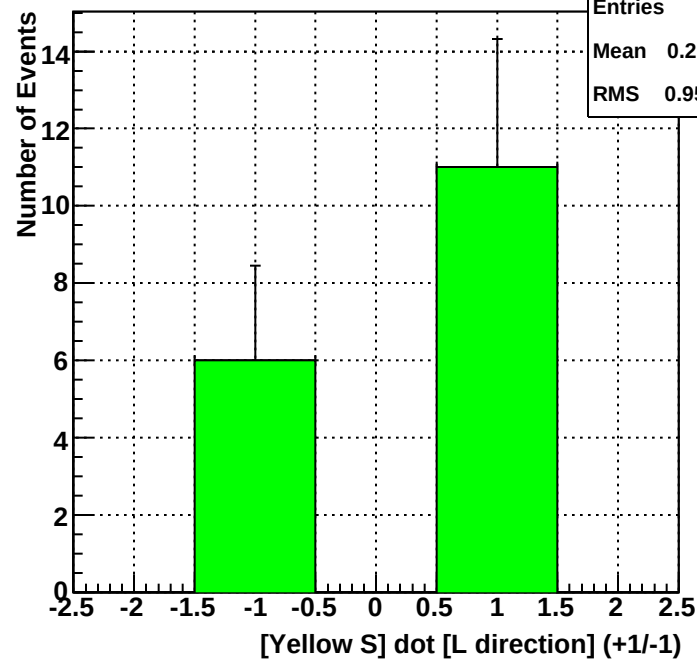
(1) Energy=29.937536 Y=-3.668617 Phi=0.217409

(2) Energy=37.297489 Y=-3.645043 Phi=-0.072022

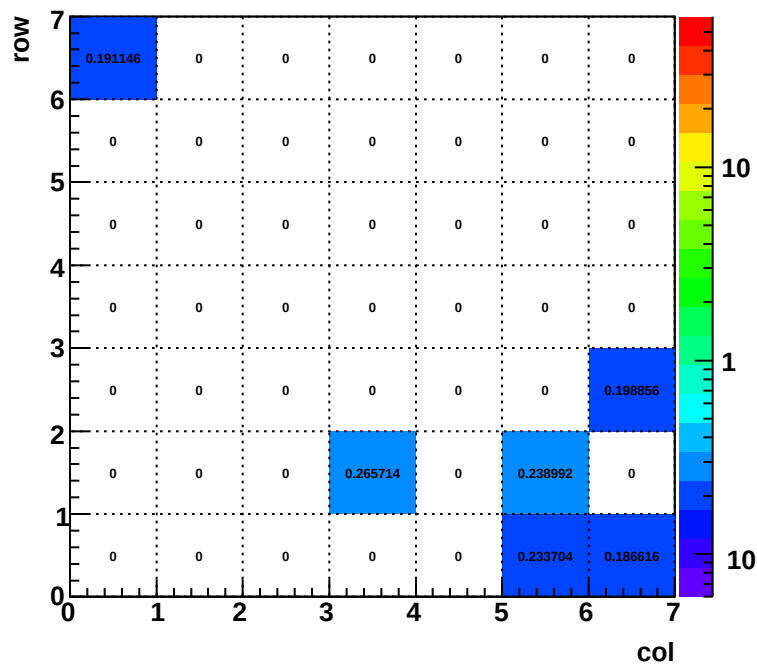
M12=0.499 Y12=-3.666 Phi12=0.055 E12=67.235

SumN(-) = 6 SumN(+)= 11 AN/.6=0.490

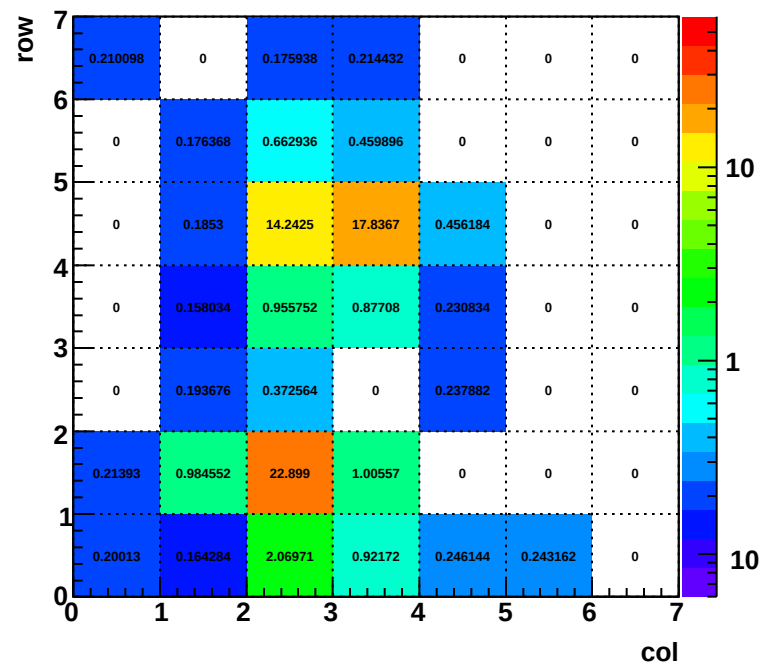
Running Yellow Spin Accumulation



North FPD



South FPD



18) Rnum=7118039 EventN=104800 (1 Yu-N[+])

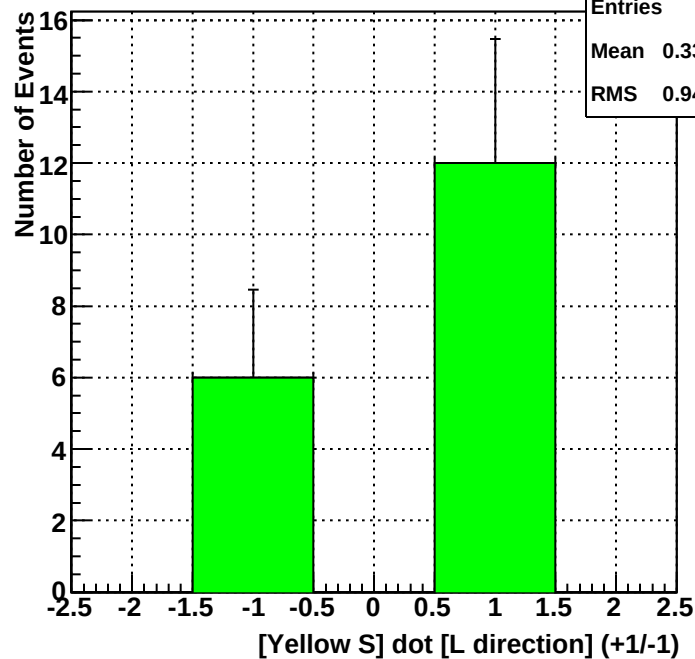
(1) Energy=40.639172 Y=-3.803870 Phi=0.124209

(2) Energy=21.600954 Y=-3.586459 Phi=-0.245540

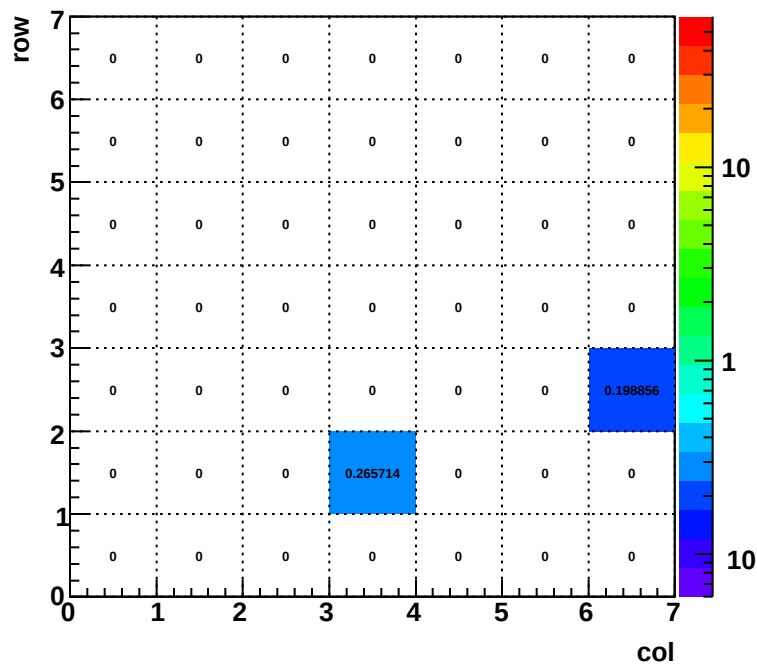
M12=0.628 Y12=-3.739 Phi12=-0.022 E12=62.240

SumN(-) = 6 SumN(+)= 12 AN/.6=0.556

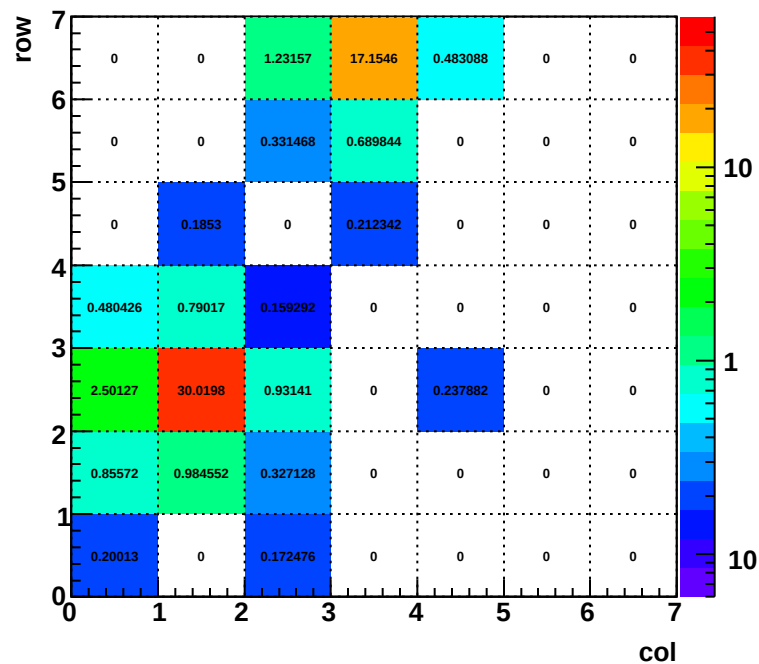
Running Yellow Spin Accumulation



North FPD



South FPD



19) Rnum=7118040 EventN=102904 (2 Yd-S[+])

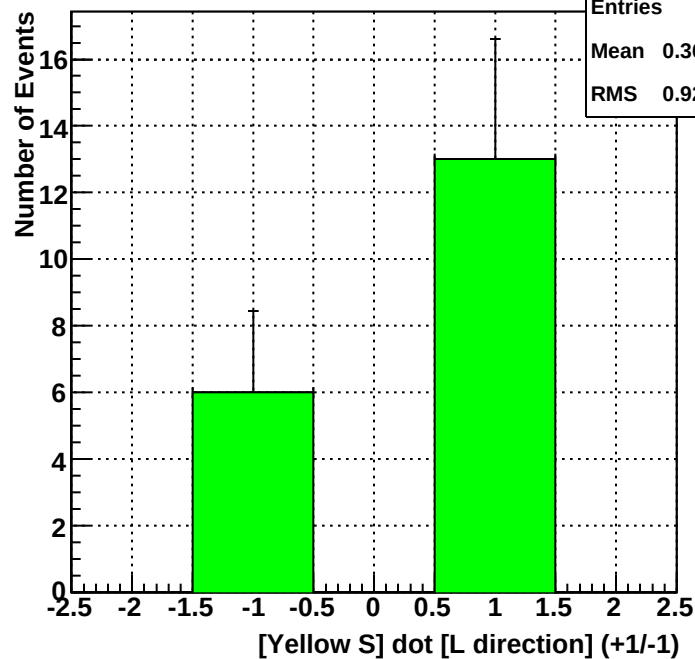
(1) Energy=44.328255 Y=-3.571629 Phi=2.943281

(2) Energy=16.516579 Y=-3.494029 Phi=-3.005546

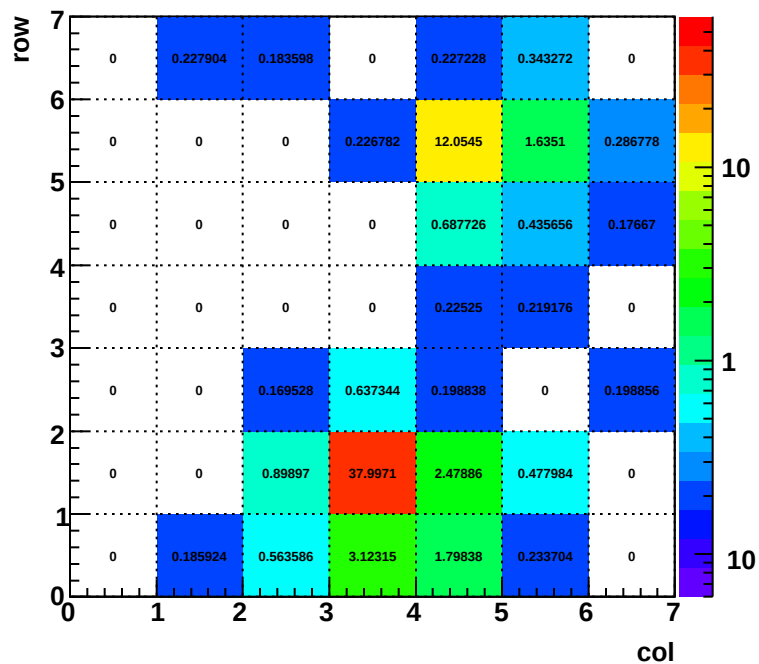
M12=0.540 Y12=-3.561 Phi12=3.039 E12=60.845

SumN(-) = 6 SumN(+)= 13 AN/.6=0.614

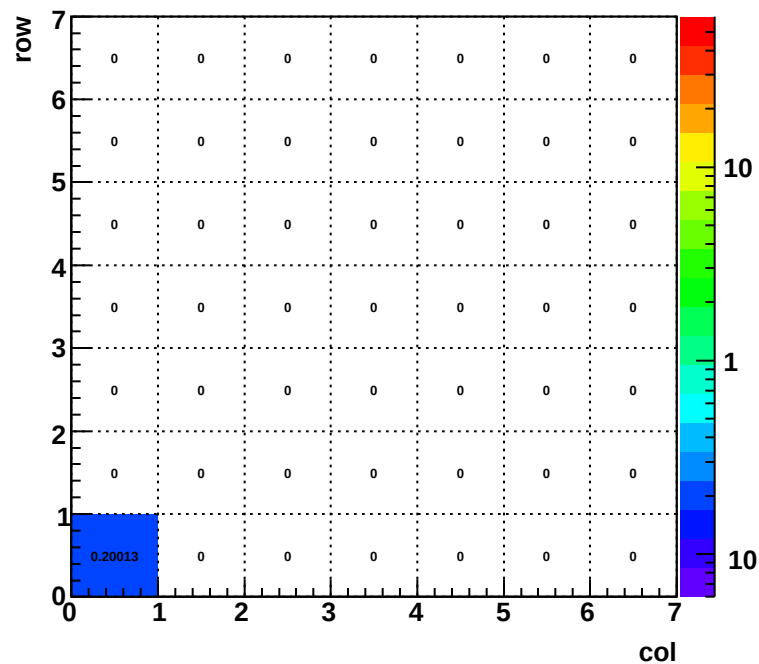
Running Yellow Spin Accumulation



North FPD



South FPD



20) Rnum=7118041 EventN=4901150 (3 Yu-N[+])

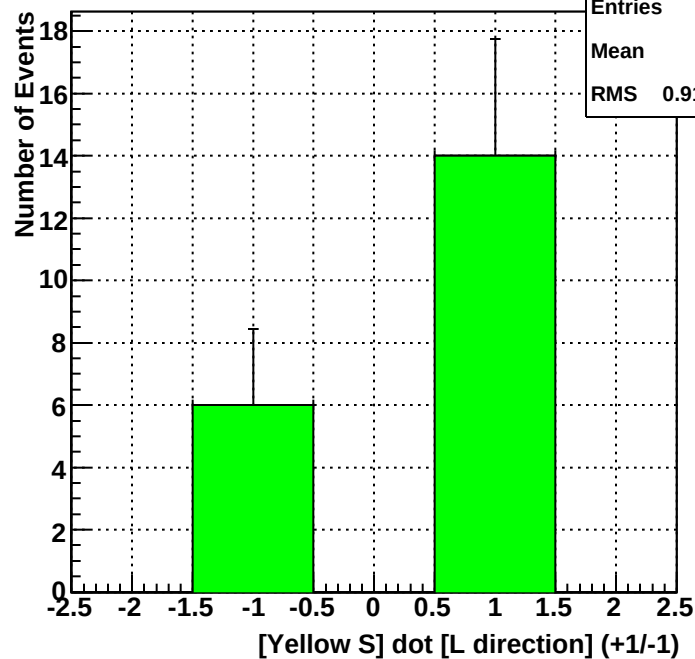
(1) Energy=41.722305 Y=-3.693438 Phi=0.159313

(2) Energy=26.210869 Y=-3.798181 Phi=-0.207910

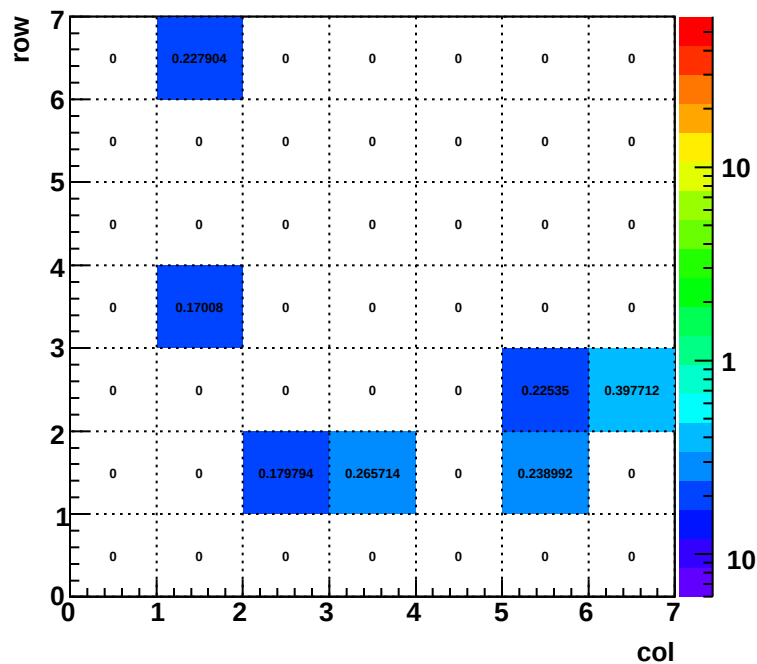
M12=0.593 Y12=-3.748 Phi12=0.027 E12=67.933

SumN(-) = 6 SumN(+)= 14 AN/.6=0.667

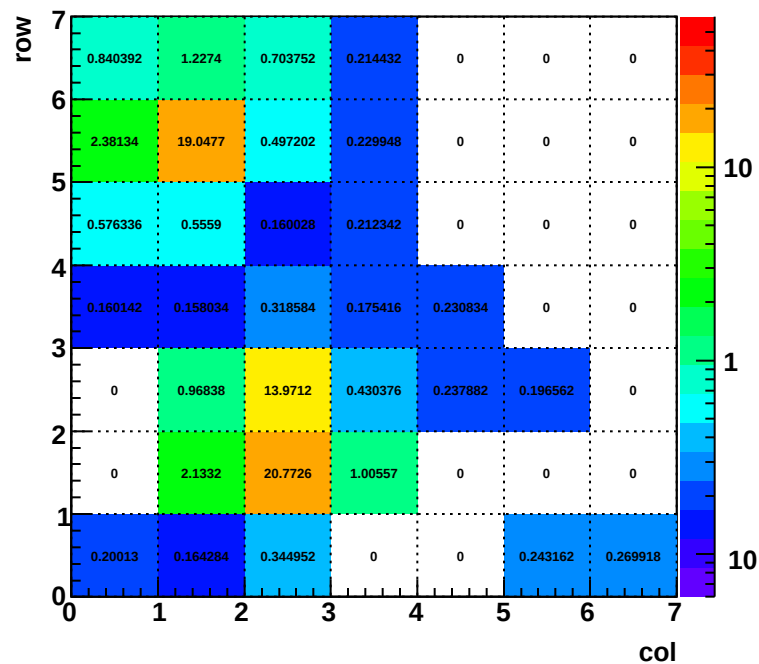
Running Yellow Spin Accumulation



North FPD



South FPD



21) Rnum=7118041 EventN=2307222 (1 Yu-N[+])

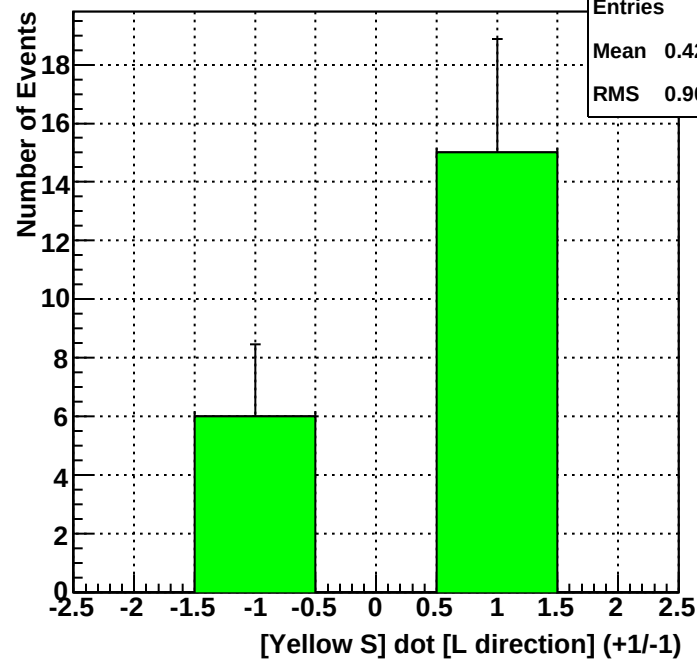
(1) Energy=39.016064 Y=-3.635466 Phi=0.015583

(2) Energy=28.720041 Y=-3.904598 Phi=-0.131578

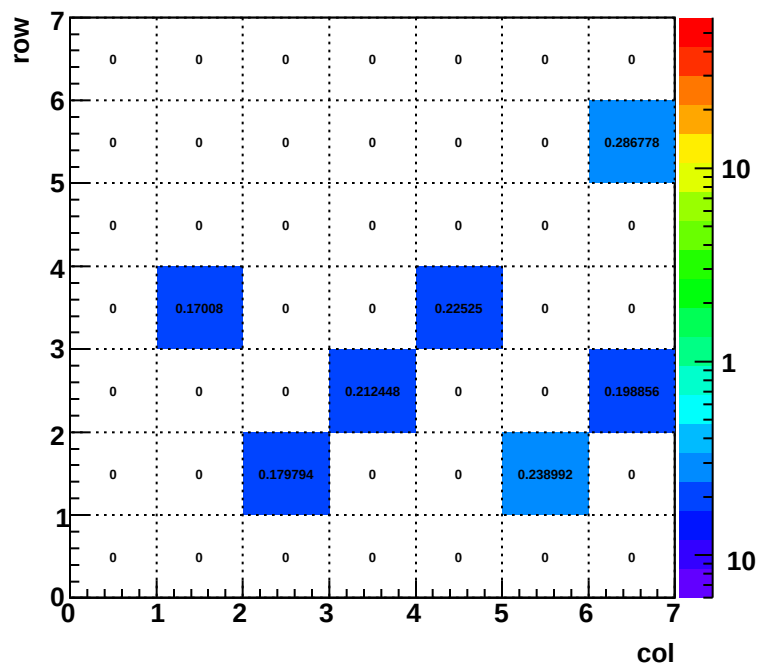
M12=0.474 Y12=-3.743 Phi12=-0.037 E12=67.736

SumN(-) = 6 SumN(+)= 15 AN/.6=0.714

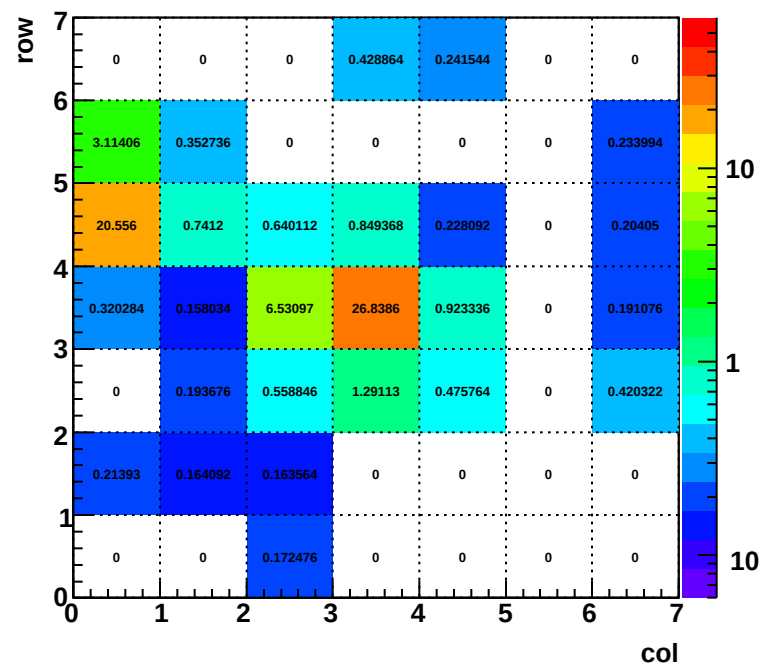
Running Yellow Spin Accumulation



North FPD



South FPD



22) Rnum=7118045 EventN=7205928 (0 Yd-S[+])

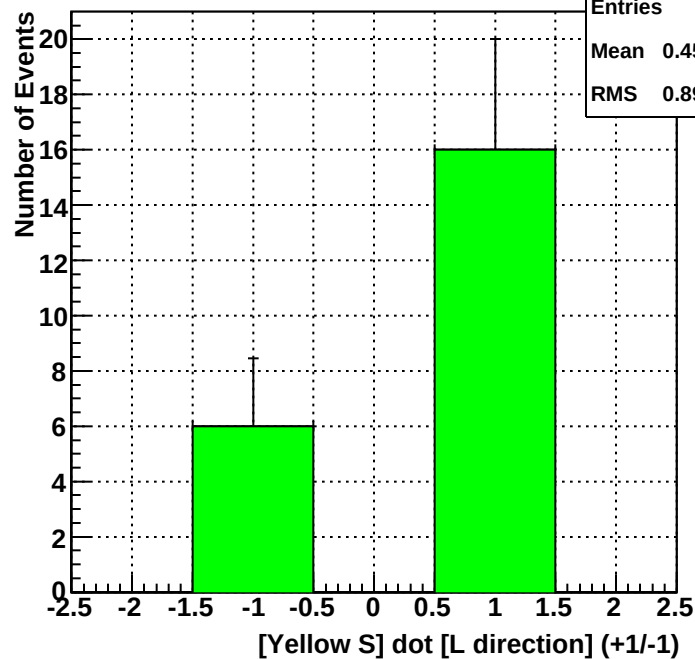
(1) Energy=54.717045 Y=-3.863184 Phi=3.133452

(2) Energy=8.353292 Y=-3.371707 Phi=3.065448

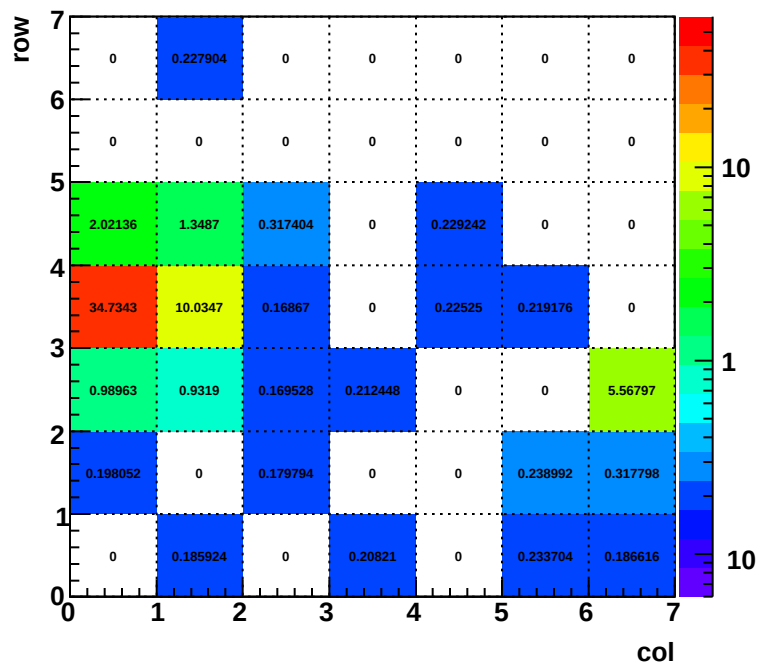
M12=0.575 Y12=-3.783 Phi12=3.120 E12=63.070

SumN(-) = 6 SumN(+)= 16 AN/.6=0.758

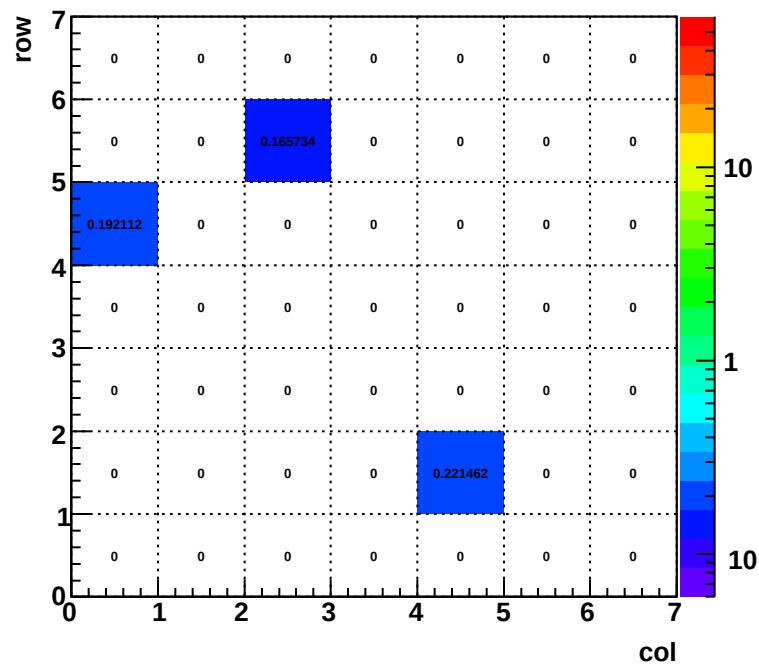
Running Yellow Spin Accumulation



North FPD



South FPD



23) Rnum=7118048 EventN=1201955 (3 Yu-N[+])

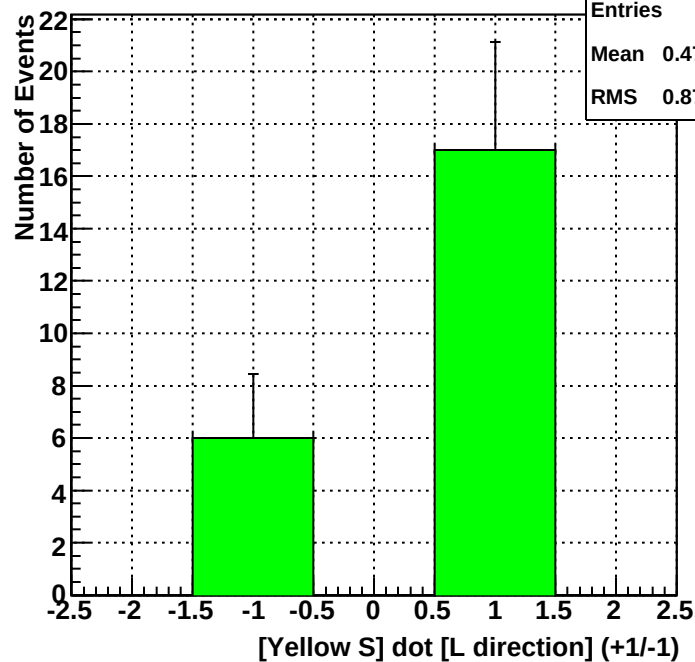
(1) Energy=49.574085 Y=-3.747471 Phi=0.018035

(2) Energy=14.122299 Y=-3.516020 Phi=-0.241924

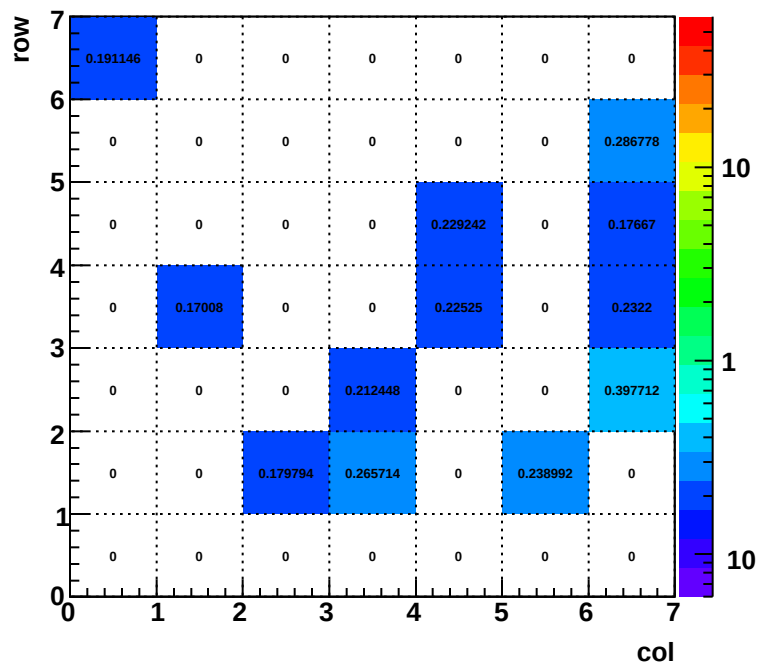
M12=0.487 Y12=-3.698 Phi12=-0.050 E12=63.696

SumN(-) = 6 SumN(+)= 17 AN/.6=0.797

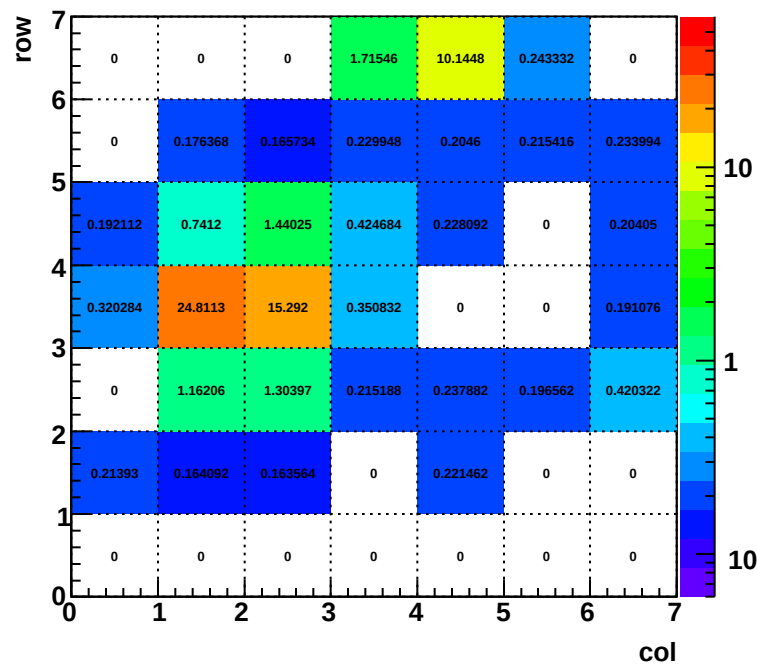
Running Yellow Spin Accumulation



North FPD



South FPD



24) Rnum=7118050 EventN=3404354 (0 Yd-S[+])

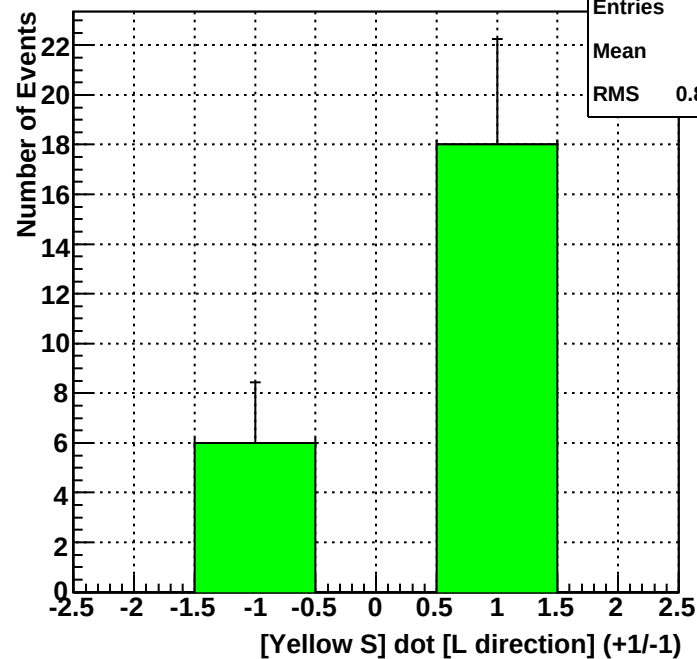
(1) Energy=34.781532 Y=-3.896565 Phi=2.967007

(2) Energy=25.659710 Y=-3.589958 Phi=-3.058739

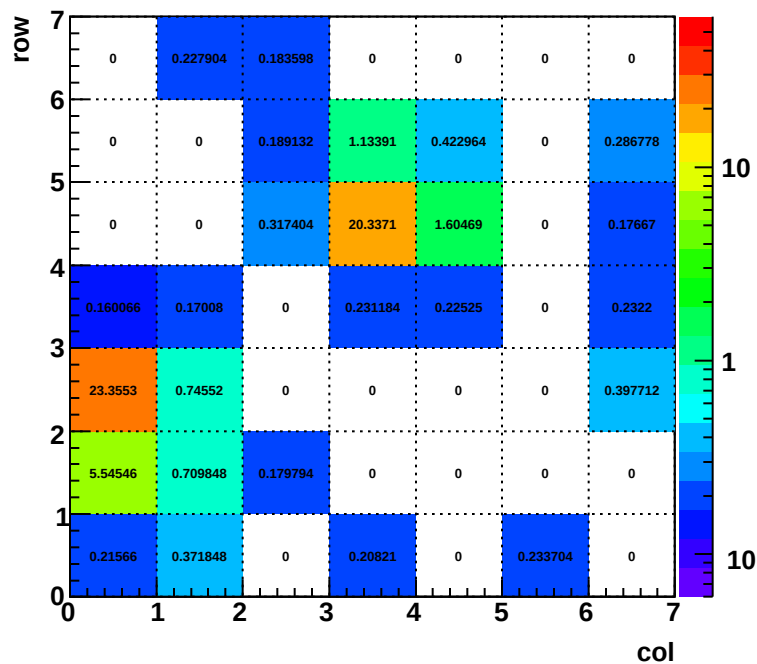
M12=0.567 Y12=-3.763 Phi12=3.096 E12=60.441

SumN(-) = 6 SumN(+)= 18 AN/.6=0.833

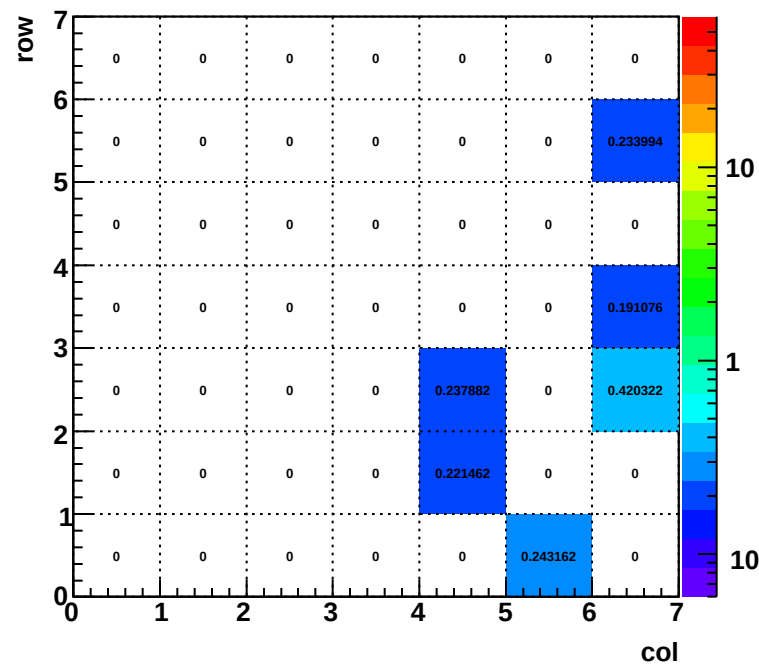
Running Yellow Spin Accumulation



North FPD



South FPD



25) Rnum=7118050 EventN=5402220 (3 Yu-S[-])

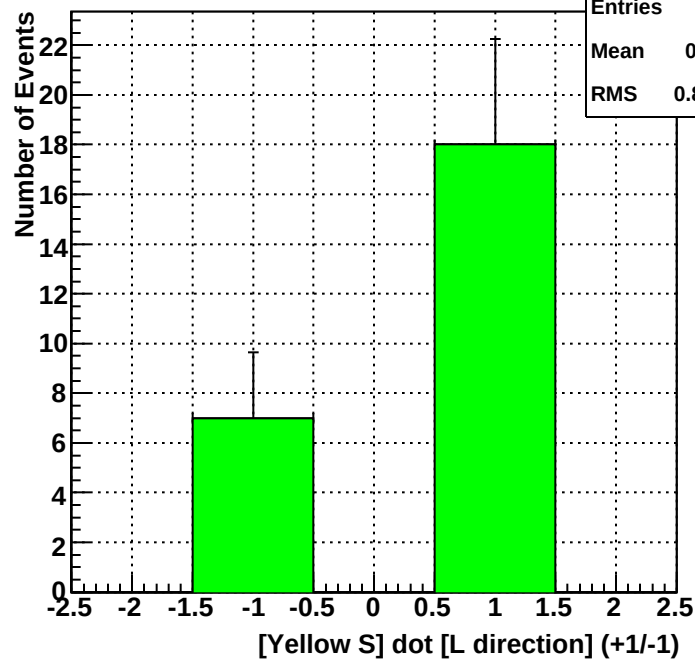
(1) Energy=55.202995 Y=-3.754251 Phi=3.068751

(2) Energy=13.456432 Y=-3.456609 Phi=-3.005604

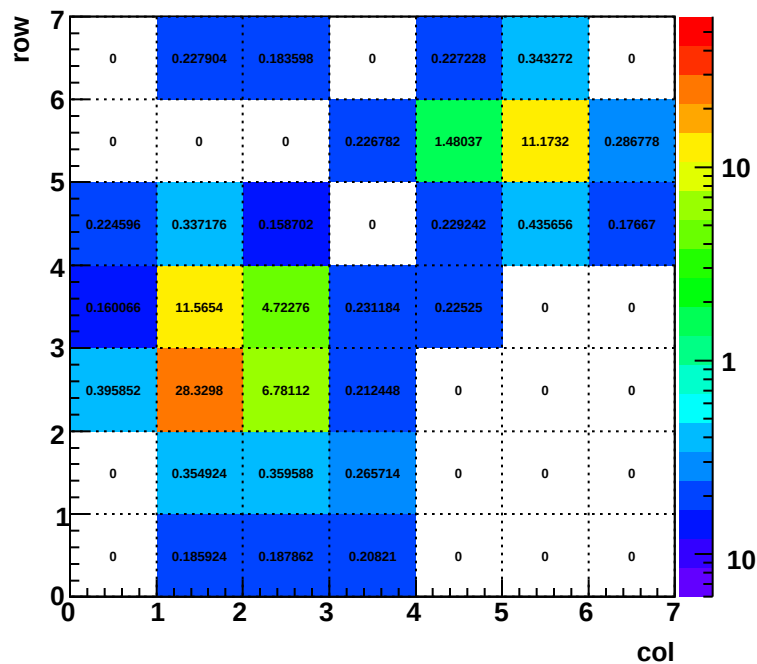
M12=0.539 Y12=-3.693 Phi12=3.120 E12=68.659

SumN(-) = 7 SumN(+)= 18 AN/6=0.733

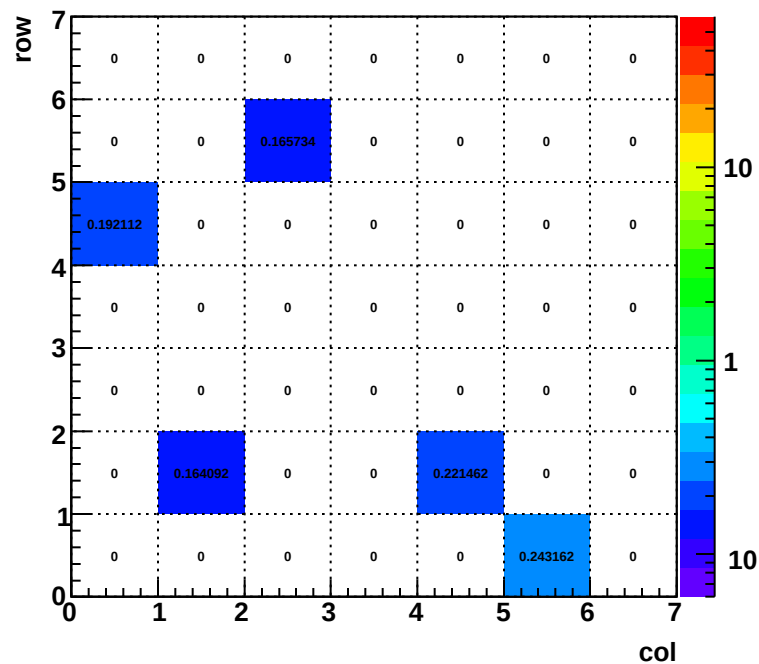
Running Yellow Spin Accumulation



North FPD



South FPD



26) Rnum=7118050 EventN=900806 (0 Yd-N[-])

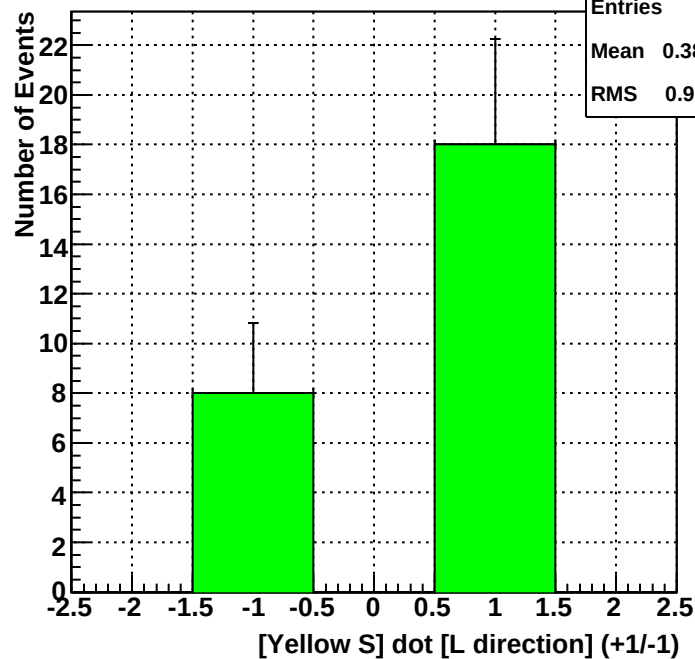
(1) Energy=30.725212 Y=-3.595183 Phi=0.126461

(2) Energy=34.252823 Y=-3.442076 Phi=-0.099679

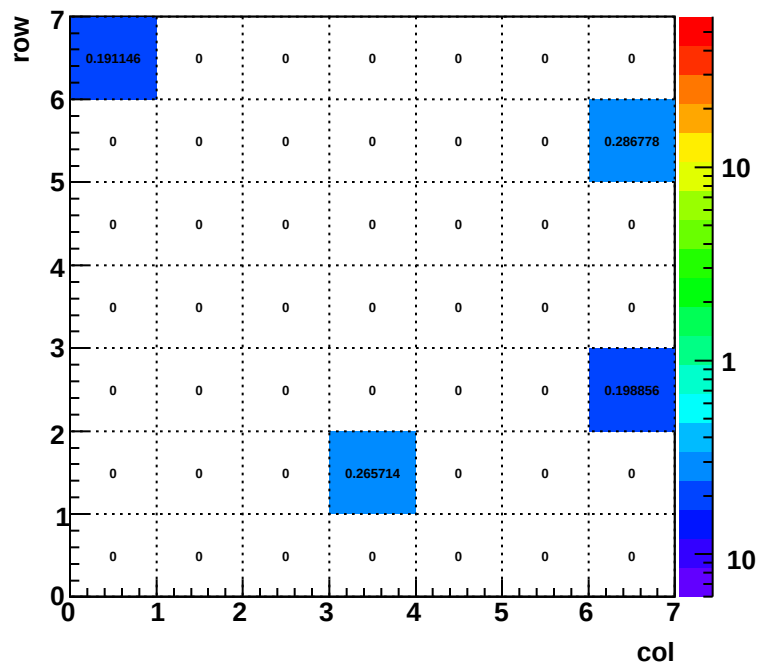
M12=0.524 Y12=-3.518 Phi12=-0.001 E12=64.978

SumN(-) = 8 SumN(+)= 18 AN/.6=0.641

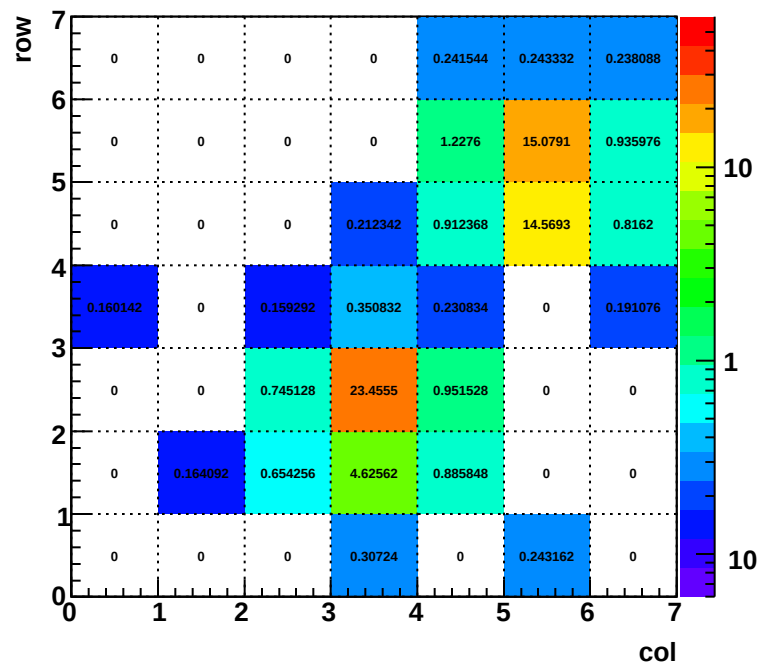
Running Yellow Spin Accumulation



North FPD



South FPD



27) Rnum=7118050 EventN=1303725 (3 Yu-N[+])

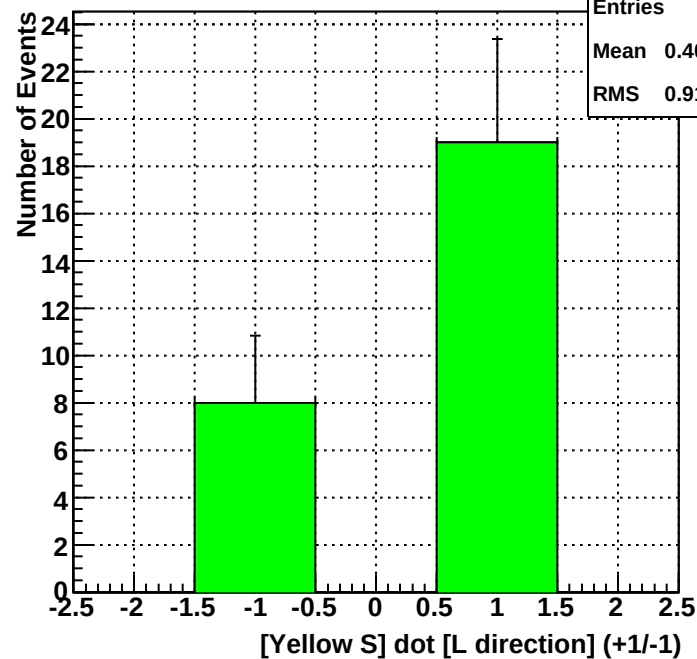
(1) Energy=41.181519 Y=-3.482614 Phi=0.028244

(2) Energy=22.168840 Y=-3.803220 Phi=-0.068141

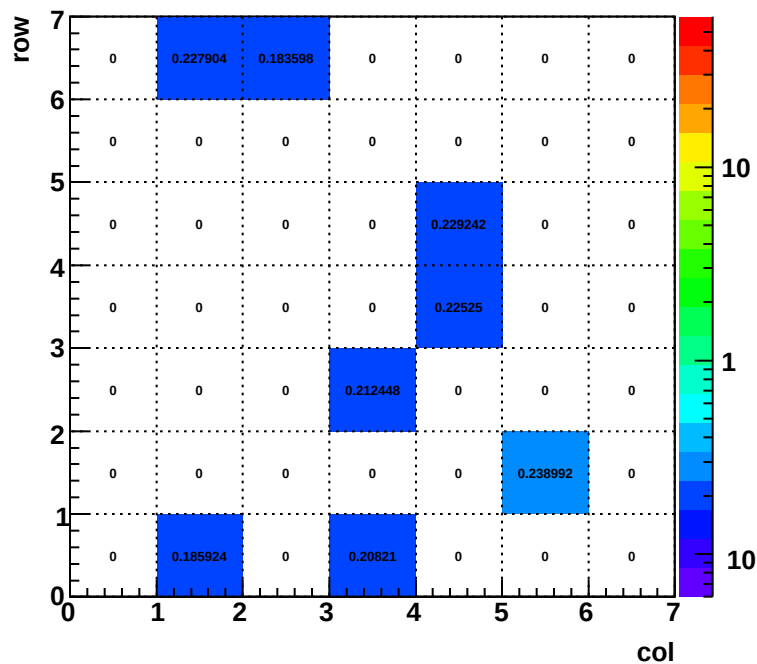
M12=0.531 Y12=-3.584 Phi12=0.001 E12=63.350

SumN(-) = 8 SumN(+)= 19 AN/.6=0.679

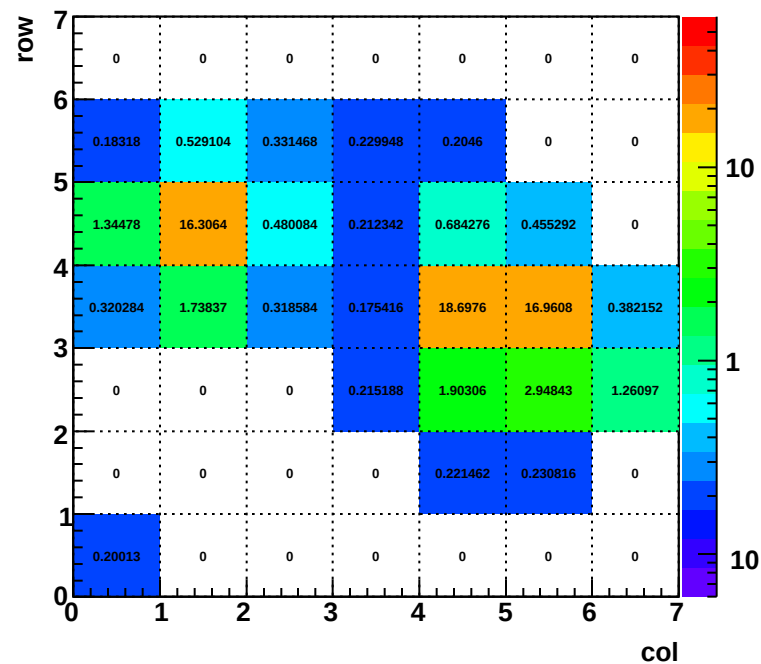
Running Yellow Spin Accumulation



North FPD



South FPD



28) Rnum=7118052 EventN=508980 (2 Yd-N[-])

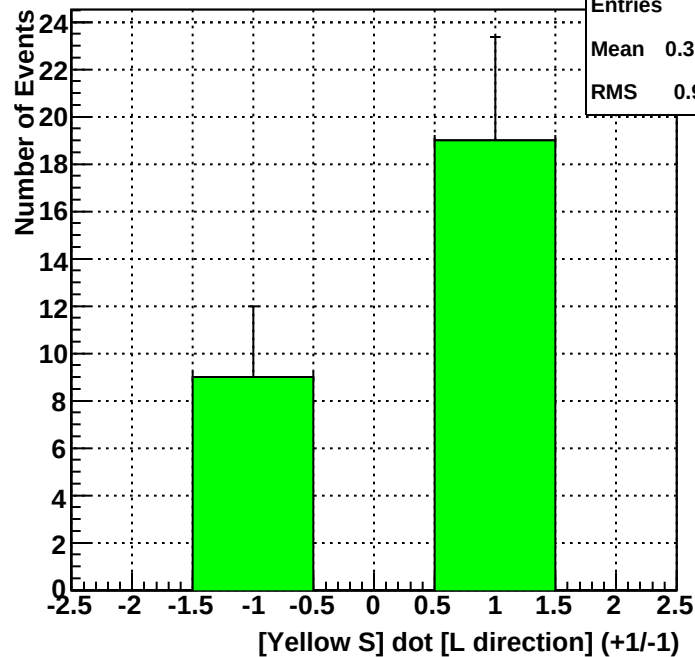
(1) Energy=32.087723 Y=-3.550498 Phi=0.132450

(2) Energy=35.881699 Y=-3.731633 Phi=-0.137483

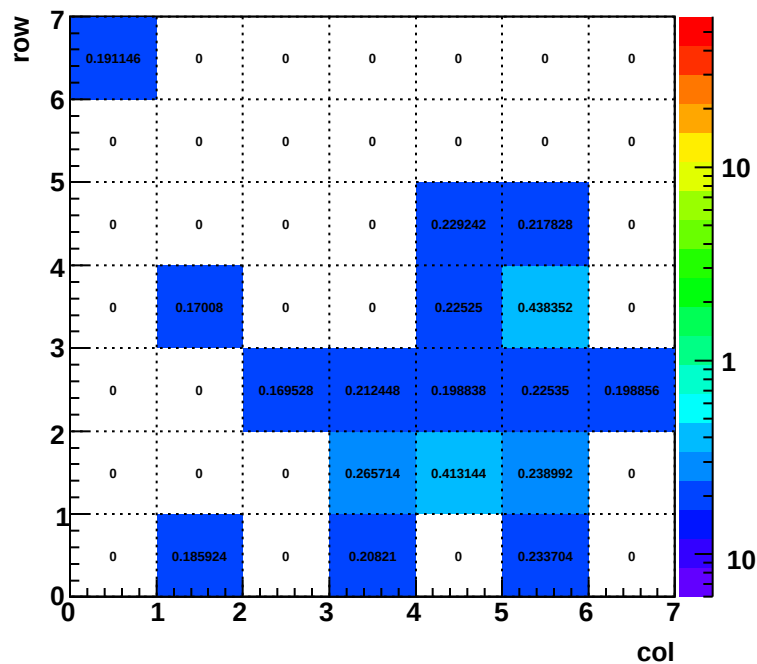
M12=0.577 Y12=-3.651 Phi12=0.002 E12=67.969

SumN(-) = 9 SumN(+)= 19 AN/.6=0.595

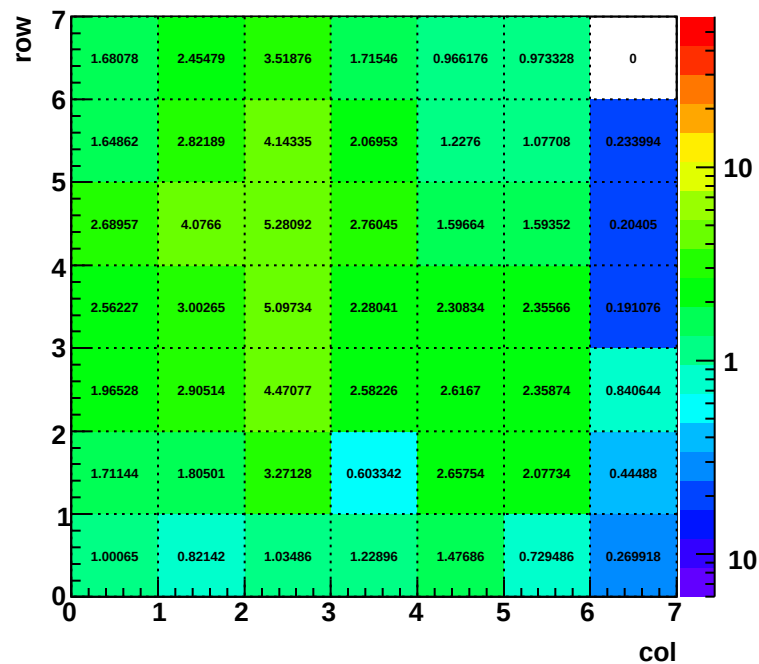
Running Yellow Spin Accumulation



North FPD



South FPD



29) Rnum=7118068 EventN=707739 (2 Yd-N[-])

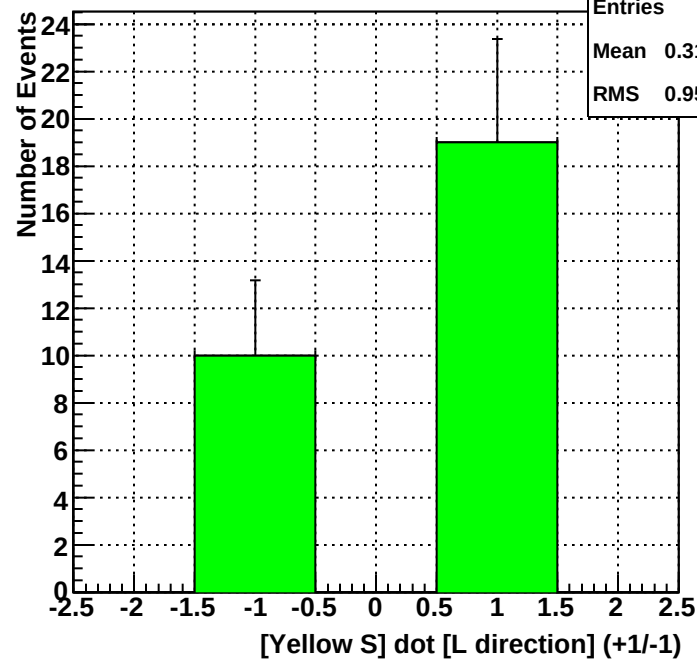
(1) Energy=28.711498 Y=-3.686728 Phi=0.083620

(2) Energy=33.310017 Y=-3.569442 Phi=-0.205334

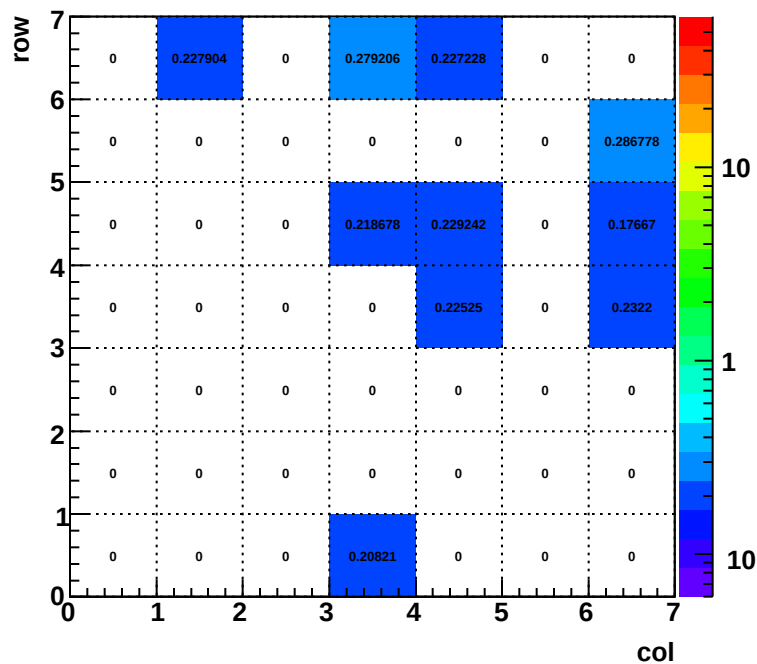
M12=0.511 Y12=-3.632 Phi12=-0.080 E12=62.022

SumN(-) = 10 SumN(+)= 19 AN/6=0.517

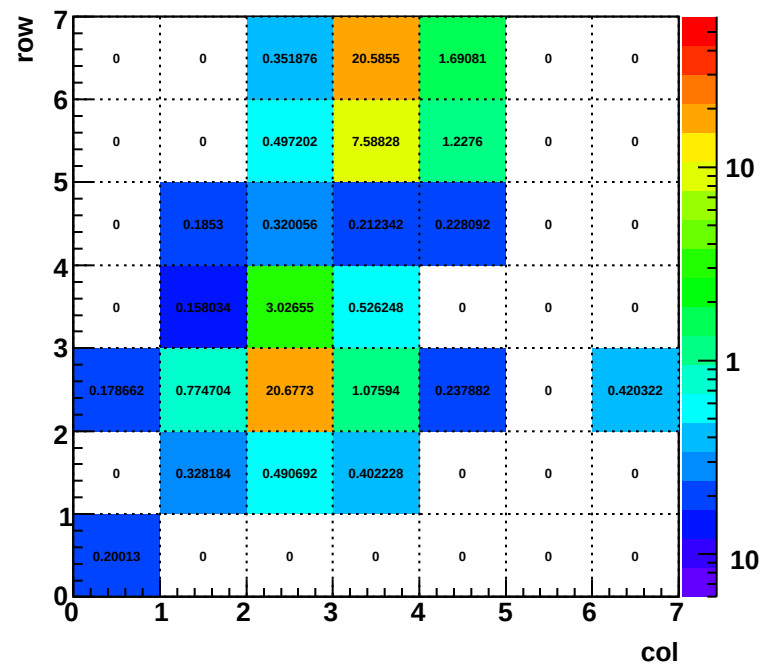
Running Yellow Spin Accumulation



North FPD



South FPD



30) Rnum=7118073 EventN=1105261 (1 Yu-S[-])

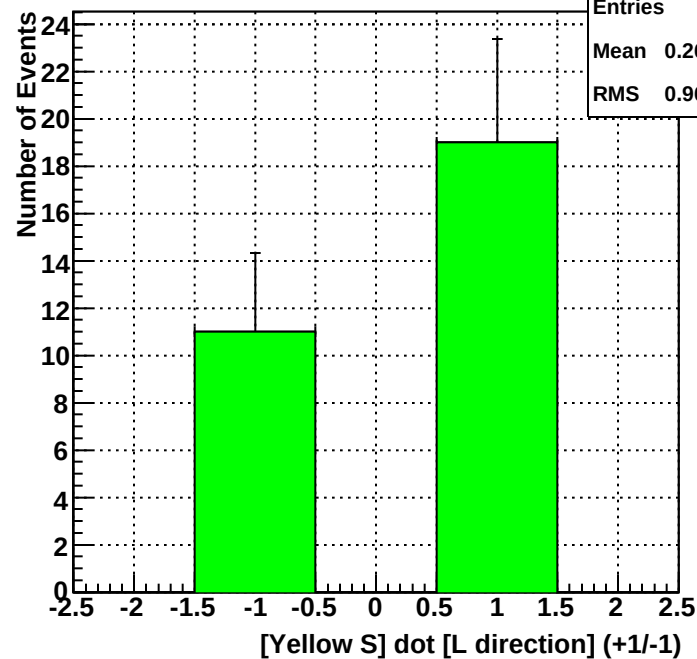
(1) Energy=37.908329 Y=-3.812928 Phi=-3.120443

(2) Energy=24.827909 Y=-3.564160 Phi=2.864773

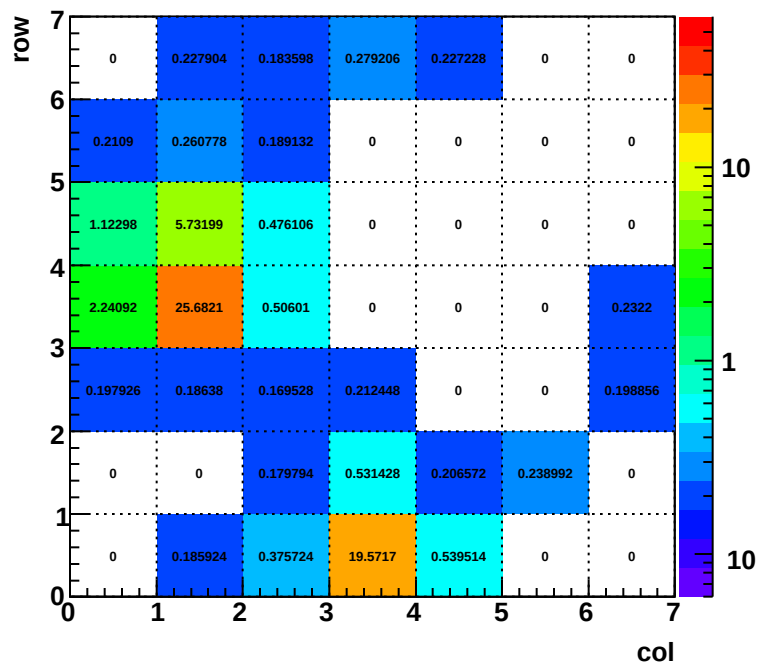
M12=0.595 Y12=-3.718 Phi12=3.027 E12=62.736

SumN(-) = 11 SumN(+)= 19 AN/.6=0.444

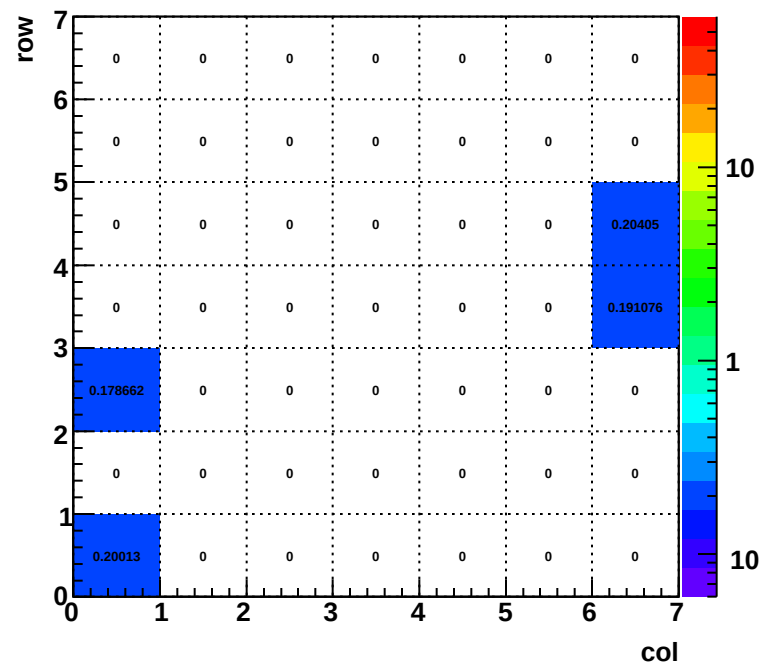
Running Yellow Spin Accumulation



North FPD



South FPD



31) Rnum=7118075 EventN=3100141 (2 Yd-S[+])

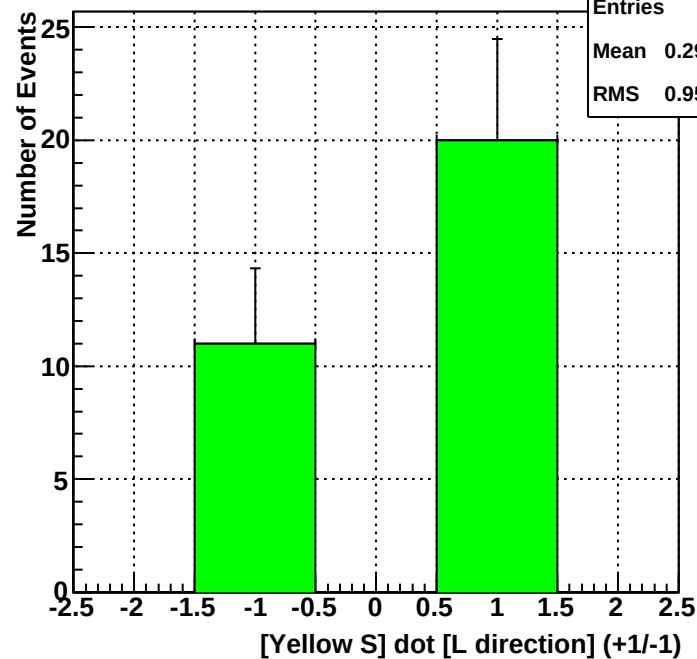
(1) Energy=34.583672 Y=-3.474821 Phi=3.040247

(2) Energy=27.022356 Y=-3.829366 Phi=2.917622

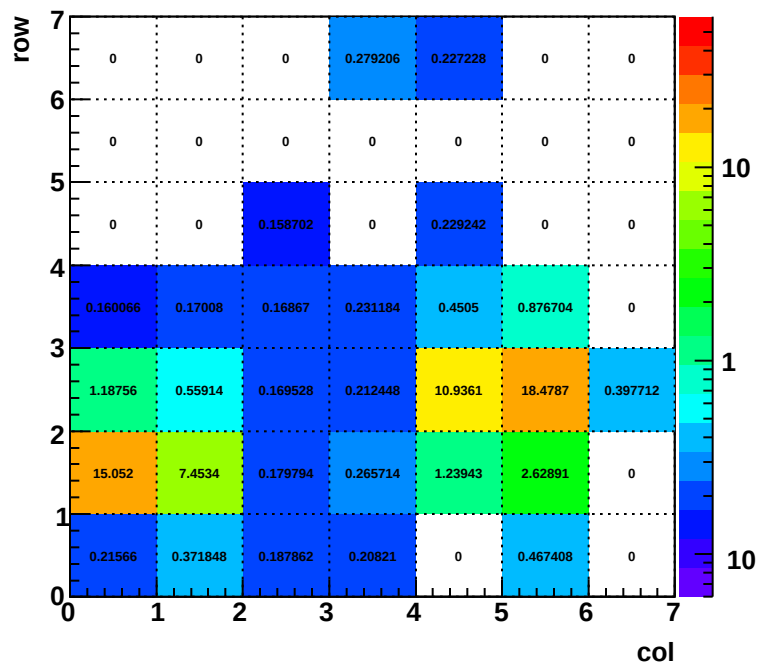
M12=0.597 Y12=-3.617 Phi12=2.997 E12=61.606

SumN(-) = 11 SumN(+) = 20 AN/6=0.484

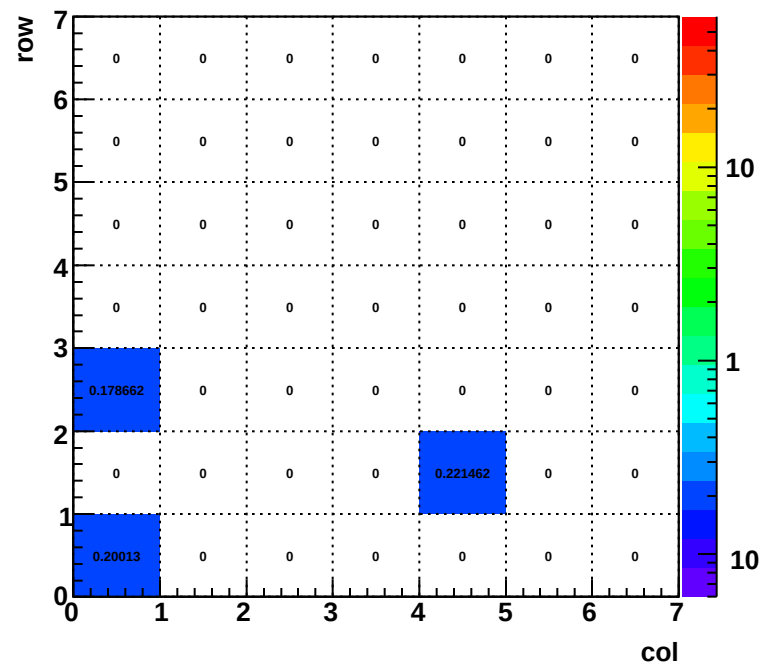
Running Yellow Spin Accumulation



North FPD



South FPD



32) Rnum=7118078 EventN=3406109 (0 Yd-N[-])

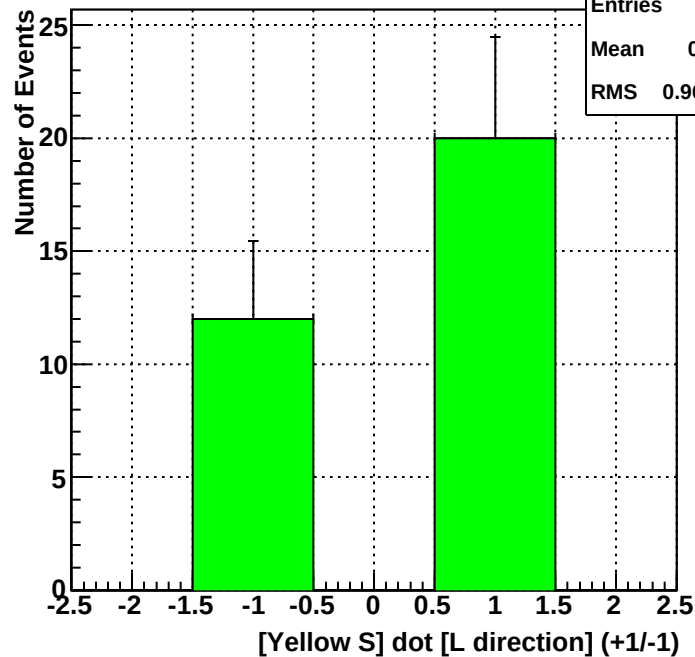
(1) Energy=37.711769 Y=-3.685962 Phi=-0.179745

(2) Energy=23.680897 Y=-3.631857 Phi=0.215264

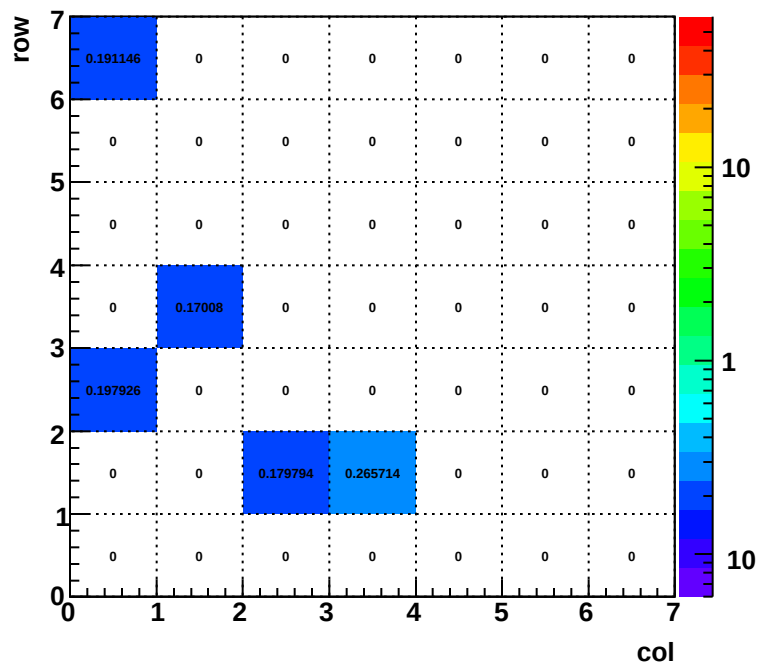
M12=0.610 Y12=-3.684 Phi12=-0.023 E12=61.393

SumN(-) = 12 SumN(+) = 20 AN/6=0.417

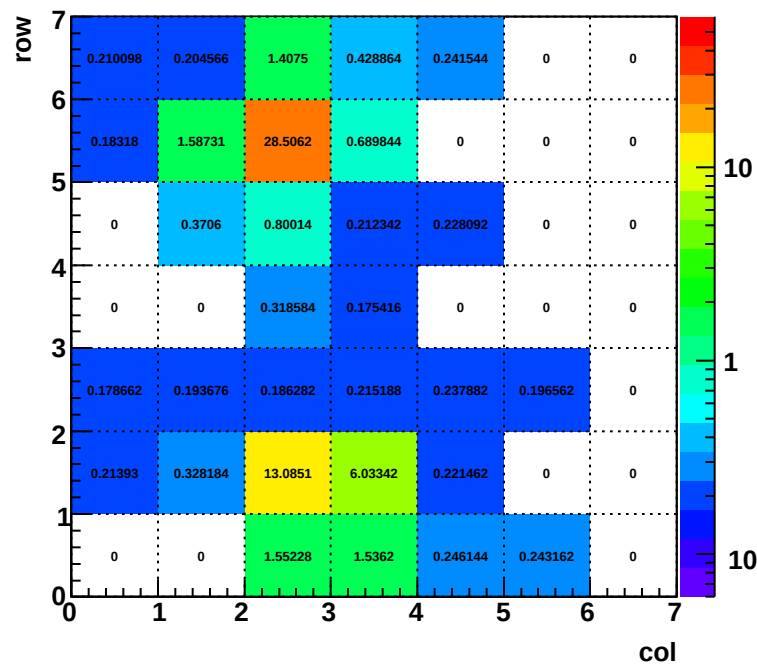
Running Yellow Spin Accumulation



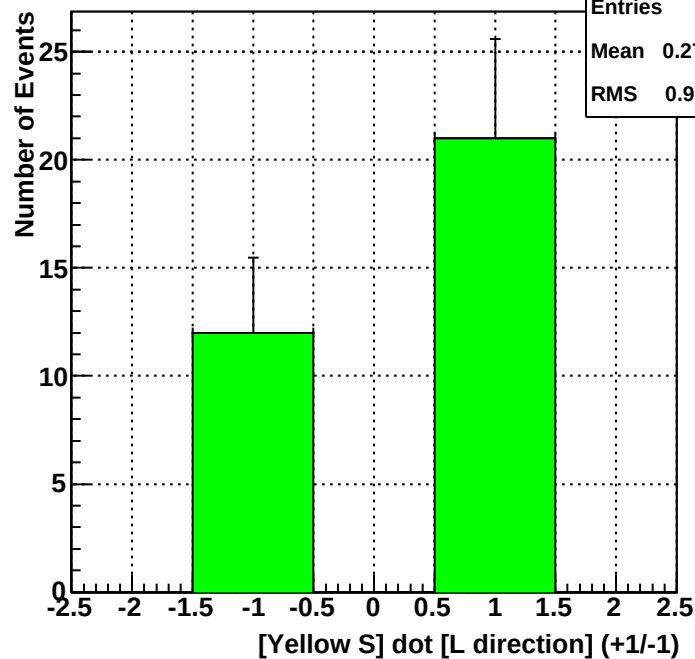
North FPD



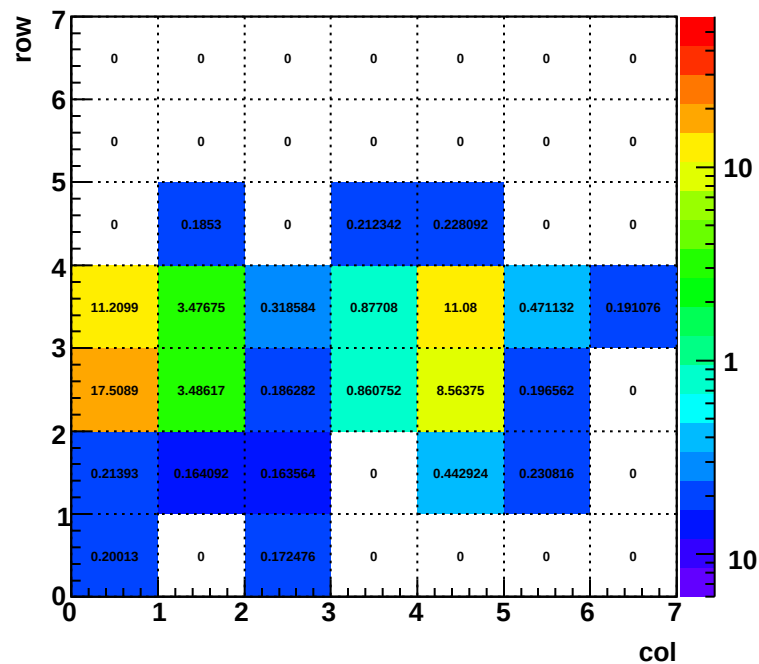
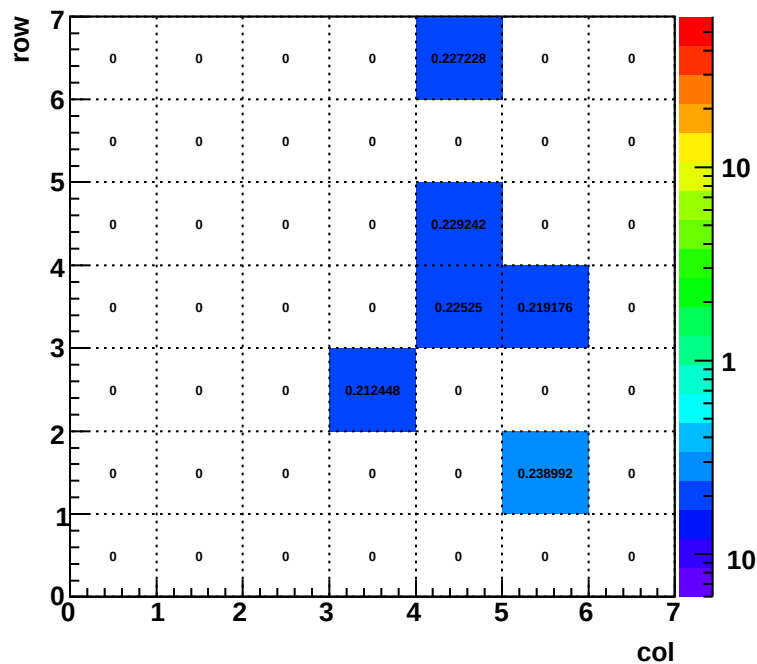
South FPD



SumN(-) = 12 SumN(+)= 21 AN/.6=0.455



Entries	33
Mean	0.2727
RMS	0.9621



34) Rnum=7118078 EventN=5203711 (0 Yd-S[+])

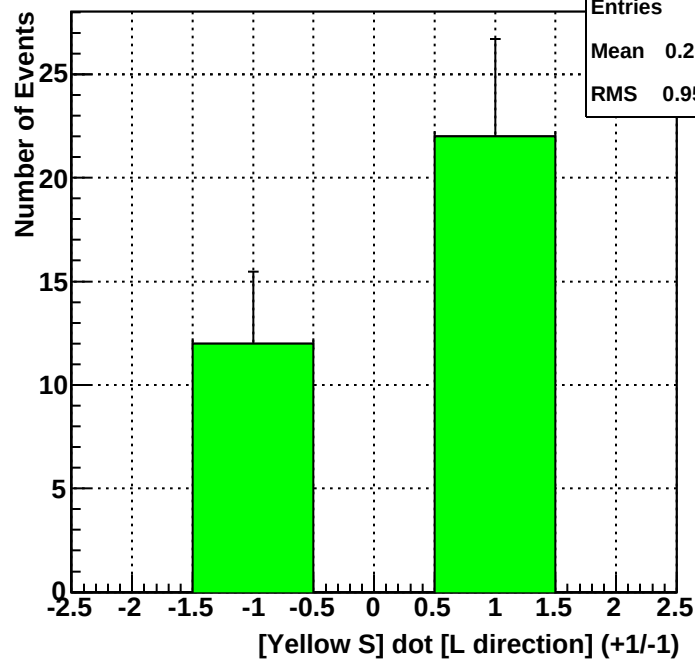
(1) Energy=34.790176 Y=-3.919901 Phi=-3.022966

(2) Energy=29.151670 Y=-3.566641 Phi=3.075485

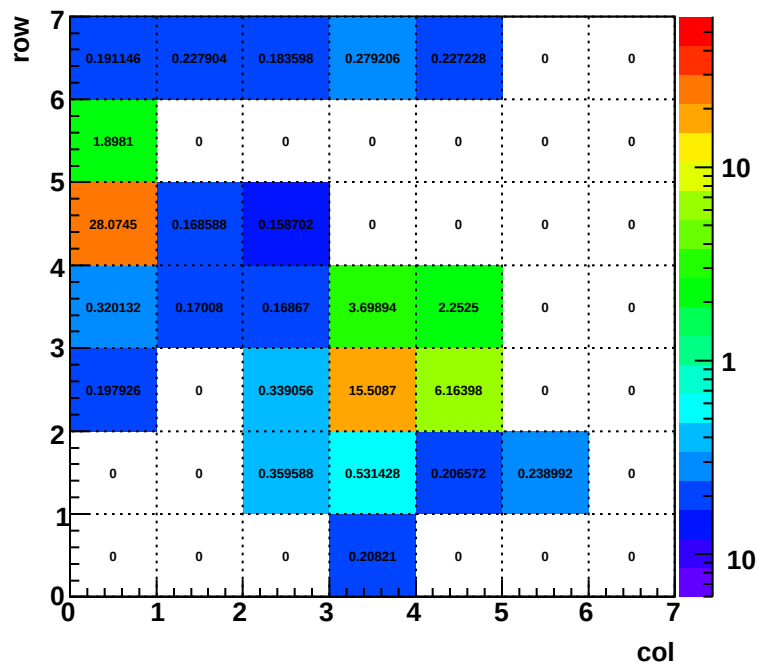
M12=0.603 Y12=-3.748 Phi12=-3.123 E12=63.942

SumN(-) = 12 SumN(+) = 22 AN/6=0.490

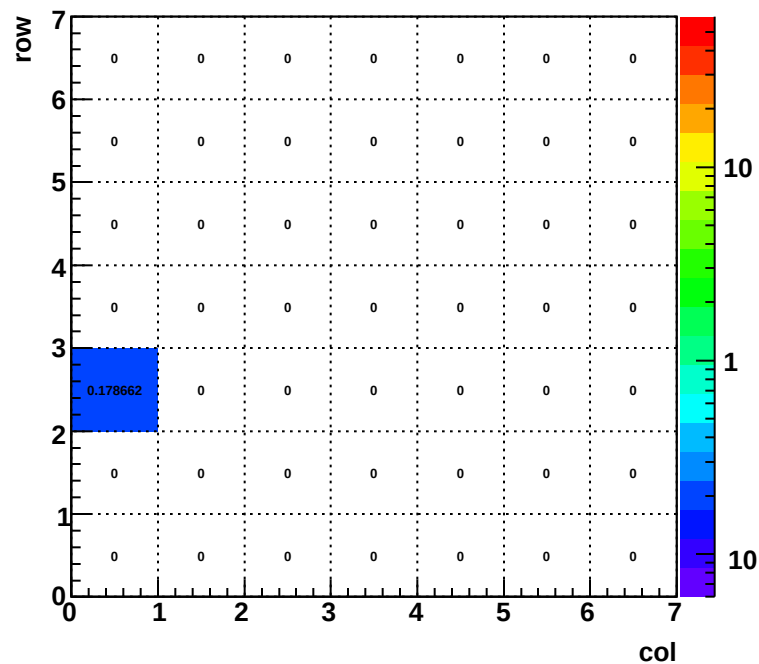
Running Yellow Spin Accumulation



North FPD



South FPD



35) Rnum=7118078 EventN=7501509 (3 Yu-S[-])

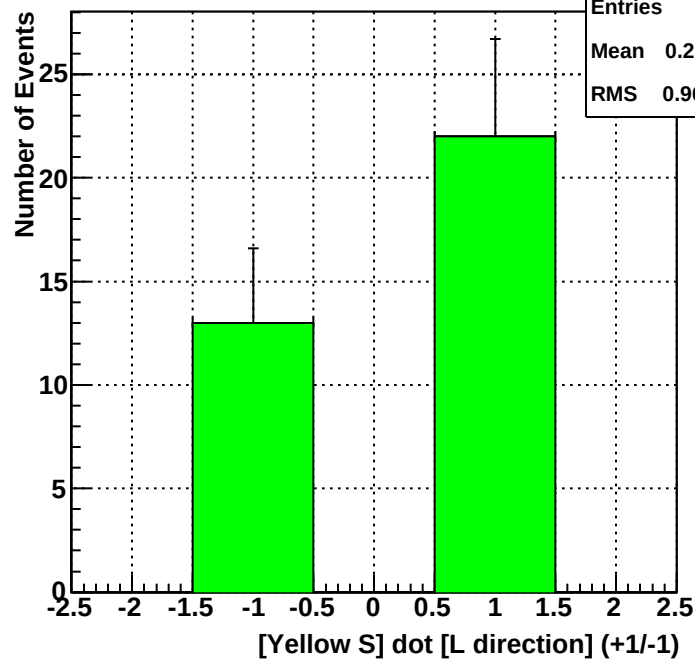
(1) Energy=32.927078 Y=-3.628039 Phi=3.048596

(2) Energy=29.550407 Y=-3.472729 Phi=-2.999232

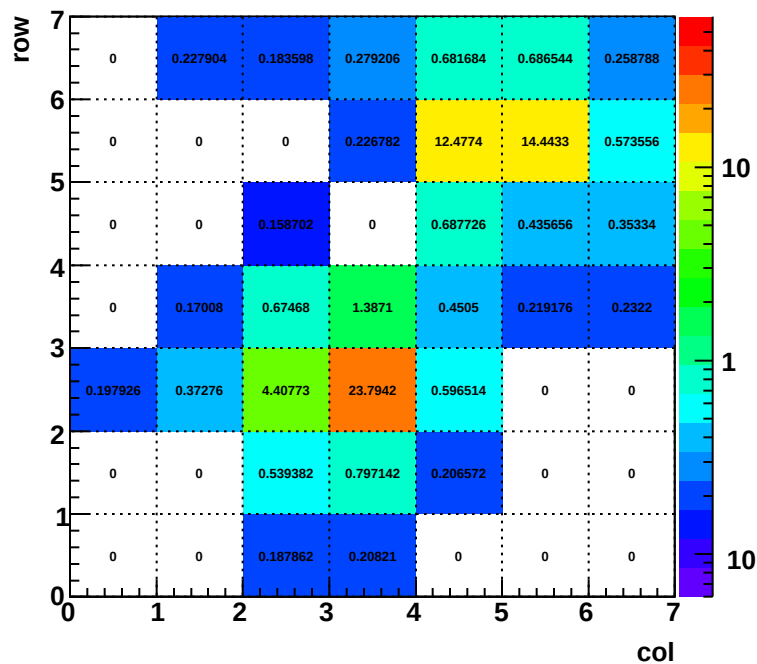
M12=0.504 Y12=-3.558 Phi12=-3.114 E12=62.477

SumN(-) = 13 SumN(+) = 22 AN/.6=0.429

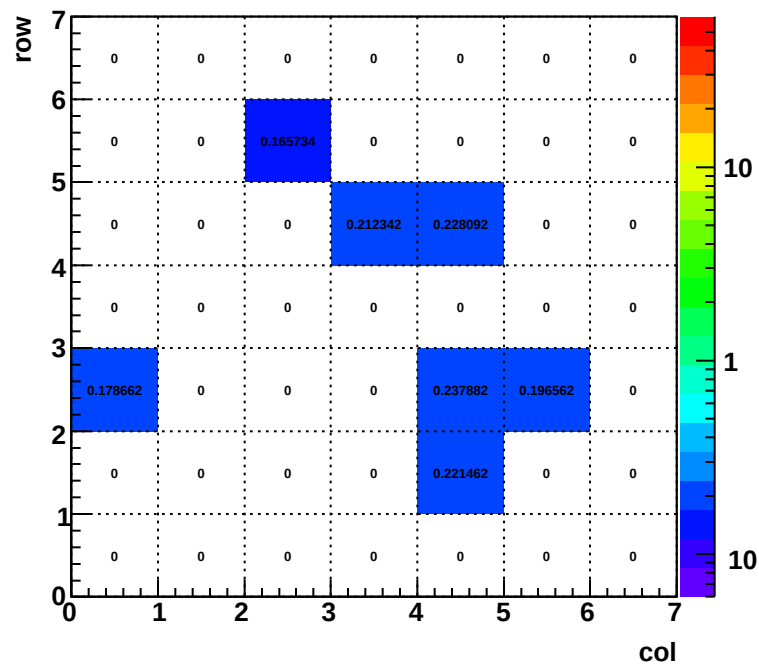
Running Yellow Spin Accumulation



North FPD



South FPD



36) Rnum=7118082 EventN=100419 (1 Yu-S[-])

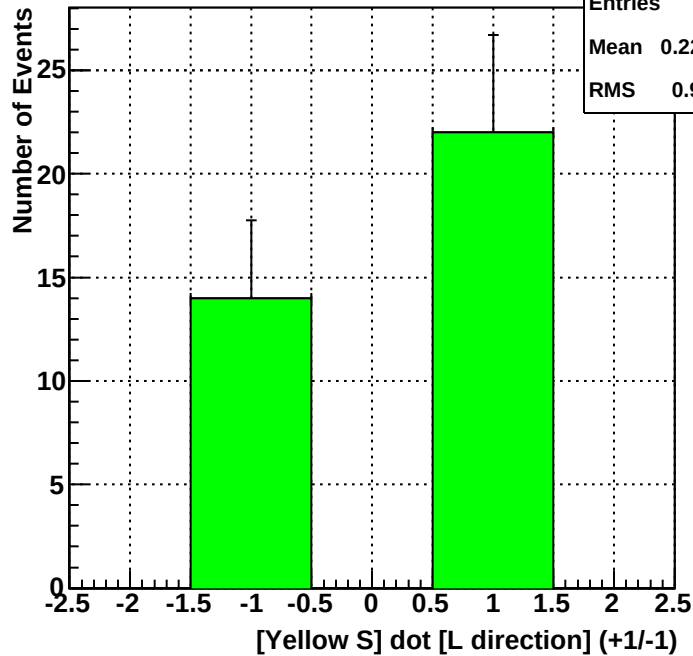
(1) Energy=37.460640 Y=-3.617145 Phi=-3.047185

(2) Energy=28.113630 Y=-3.369427 Phi=3.065803

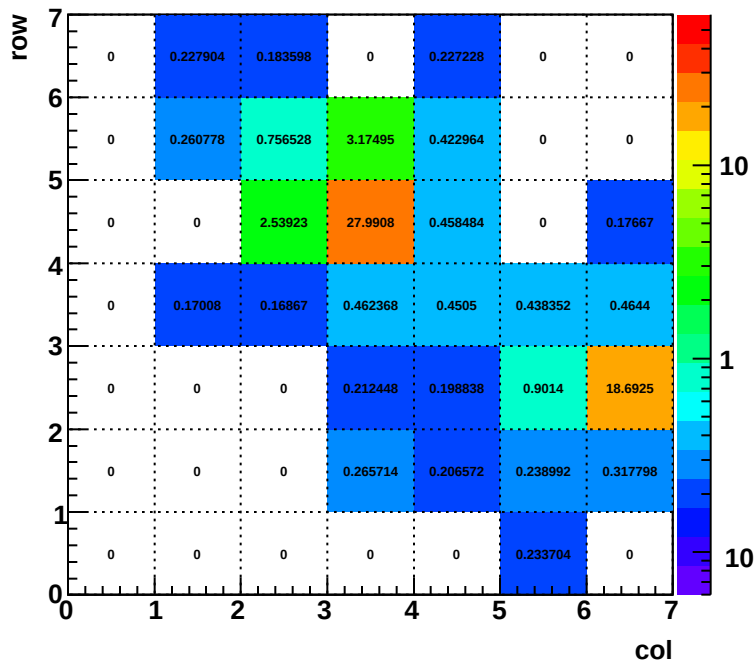
M12=0.593 Y12=-3.507 Phi12=-3.131 E12=65.574

SumN(-) = 14 SumN(+) = 22 AN/6=0.370

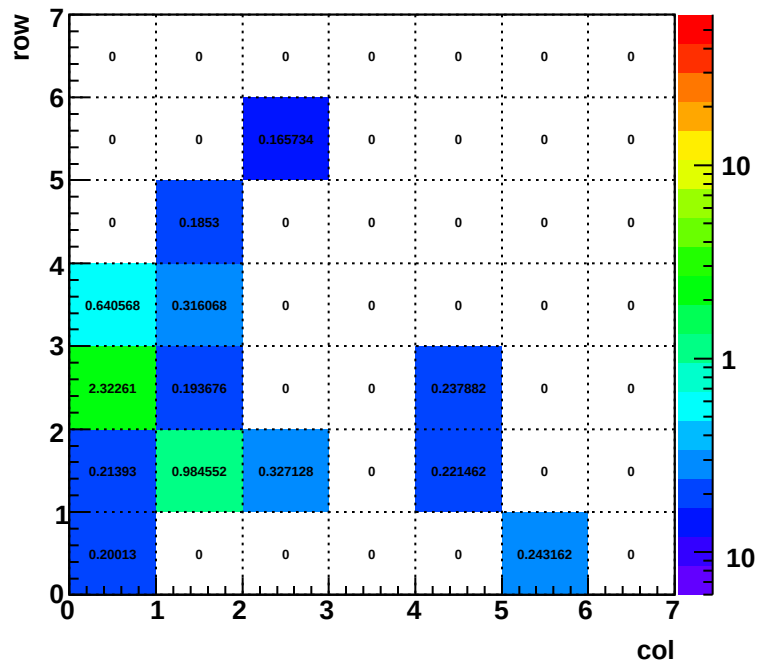
Running Yellow Spin Accumulation



North FPD



South FPD



37) Rnum=7118083 EventN=2204381 (2 Yd-S[+])

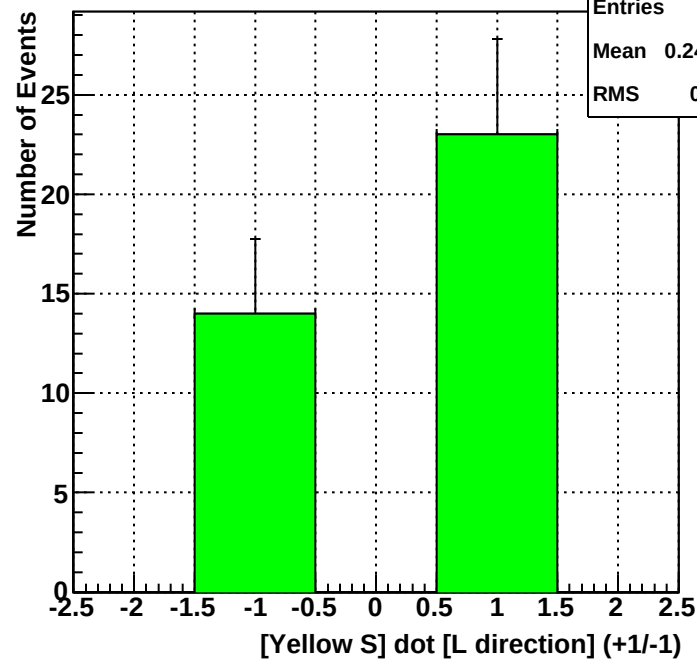
(1) Energy=28.474787 Y=-3.770728 Phi=2.910964

(2) Energy=32.033352 Y=-3.638832 Phi=-3.003721

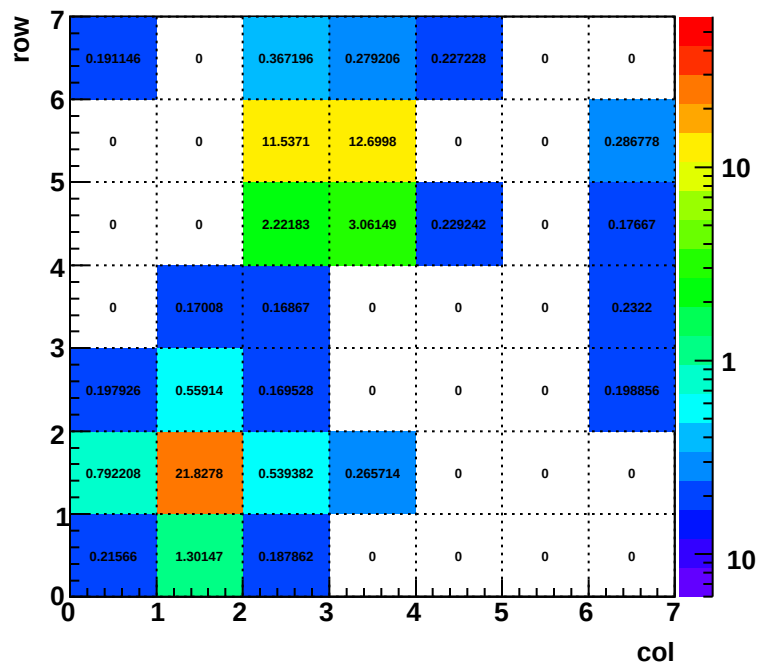
M12=0.578 Y12=-3.716 Phi12=3.118 E12=60.508

SumN(-) = 14 SumN(+) = 23 AN/6=0.405

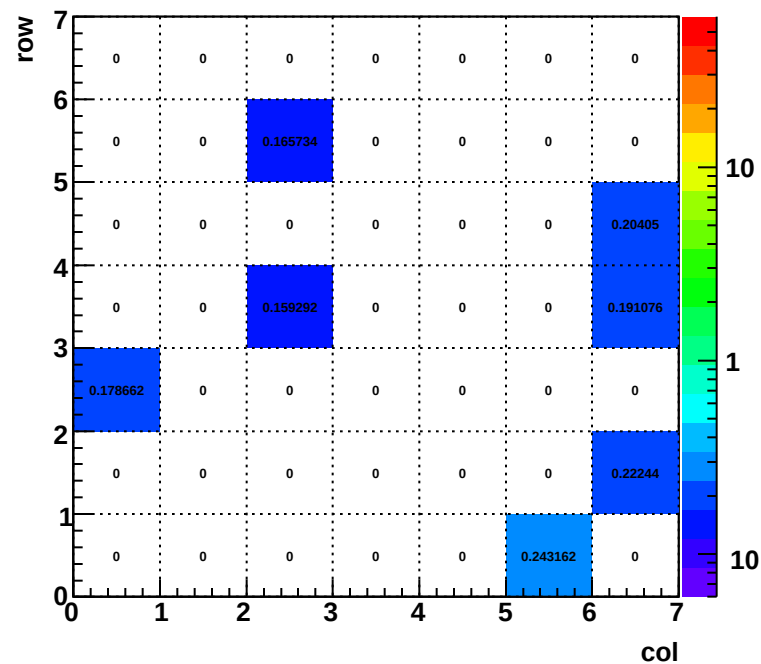
Running Yellow Spin Accumulation



North FPD



South FPD



38) Rnum=7118085 EventN=3309303 (3 Yu-N[+])

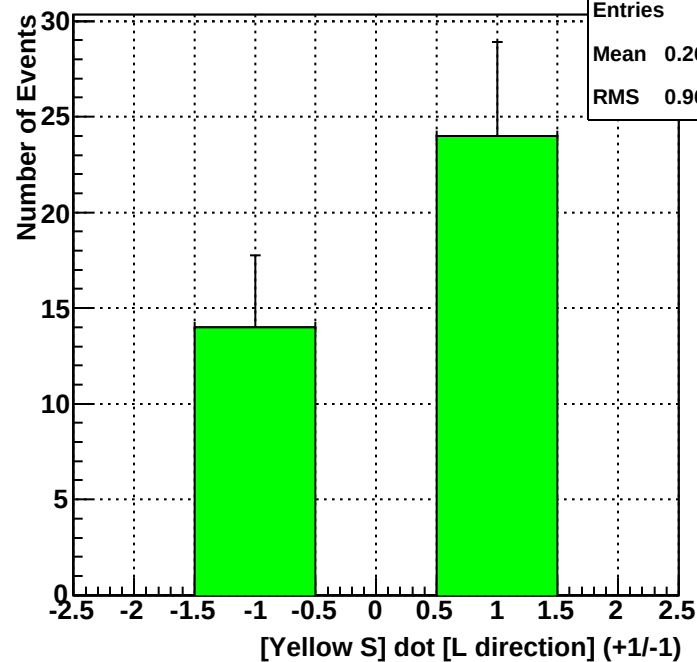
(1) Energy=37.745022 Y=-3.929595 Phi=0.054864

(2) Energy=23.435905 Y=-3.594532 Phi=-0.014873

M12=0.475 Y12=-3.788 Phi12=0.022 E12=61.181

SumN(-) = 14 SumN(+) = 24 AN/.6=0.439

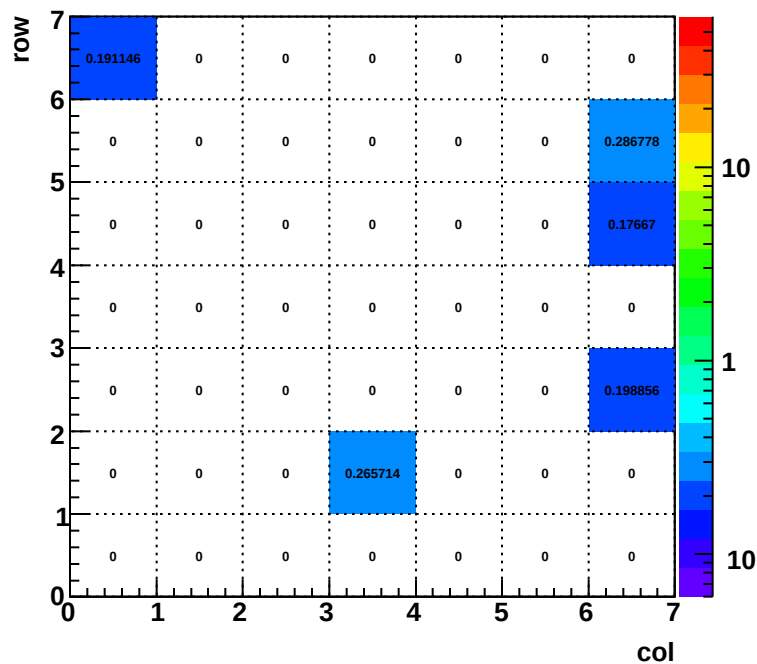
Running Yellow Spin Accumulation



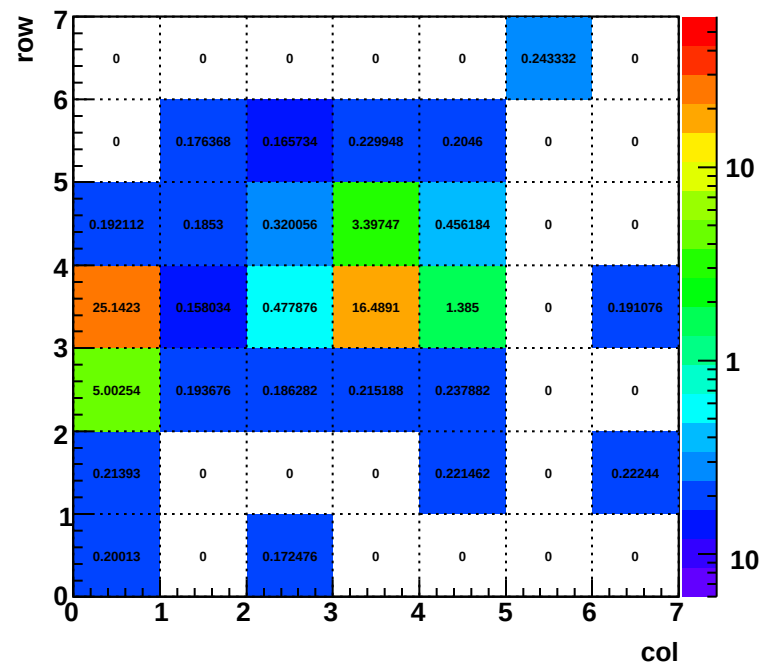
spcntH

Entries 38
Mean 0.2632
RMS 0.9648

North FPD



South FPD



39) Rnum=7119001 EventN=2109929 (1 Yu-N[+])

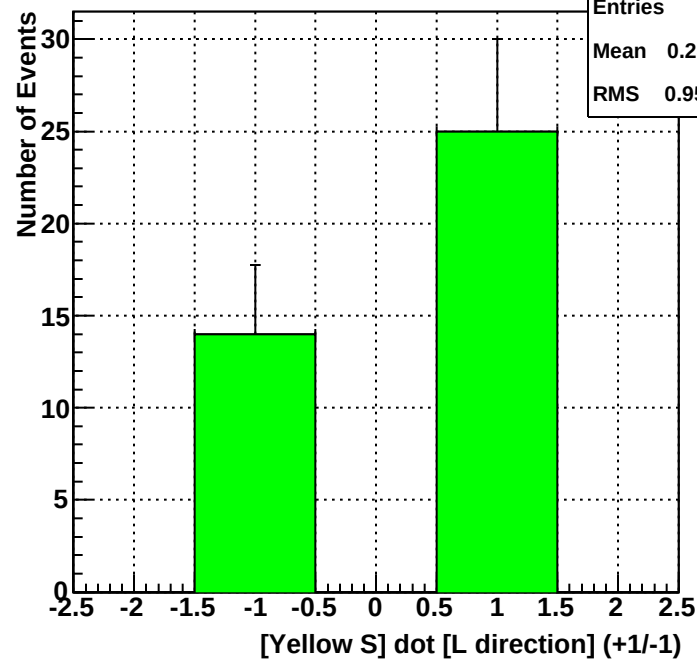
(1) Energy=34.693935 Y=-3.914924 Phi=0.015161

(2) Energy=27.704330 Y=-3.543445 Phi=0.059461

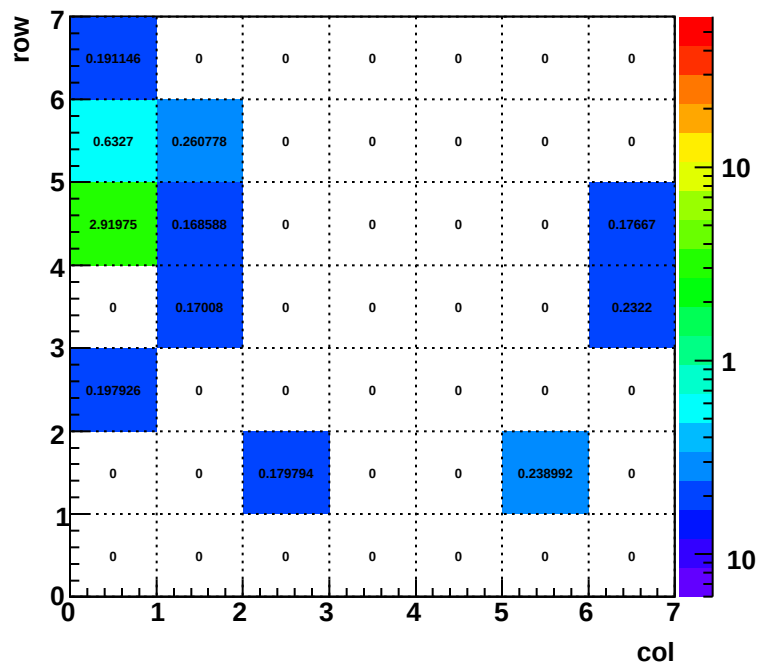
M12=0.560 Y12=-3.733 Phi12=0.039 E12=62.398

SumN(-) = 14 SumN(+)= 25 AN/.6=0.470

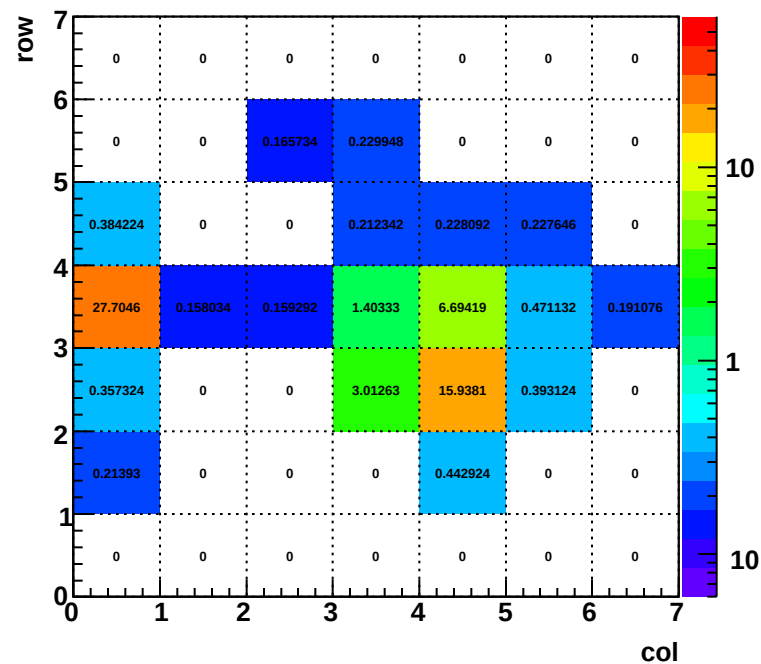
Running Yellow Spin Accumulation



North FPD



South FPD



40) Rnum=7119004 EventN=4502344 (1 Yu-N[+])

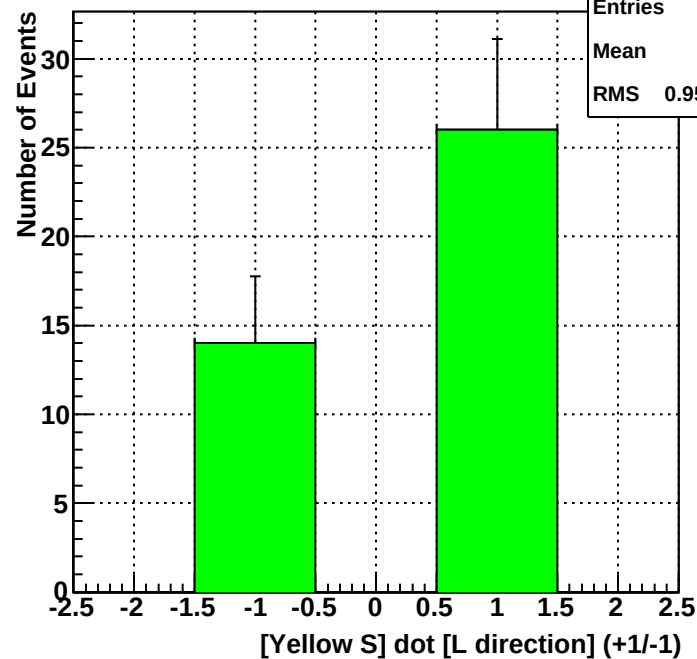
(1) Energy=36.554817 Y=-3.705160 Phi=-0.082426

(2) Energy=24.216955 Y=-3.890986 Phi=0.254425

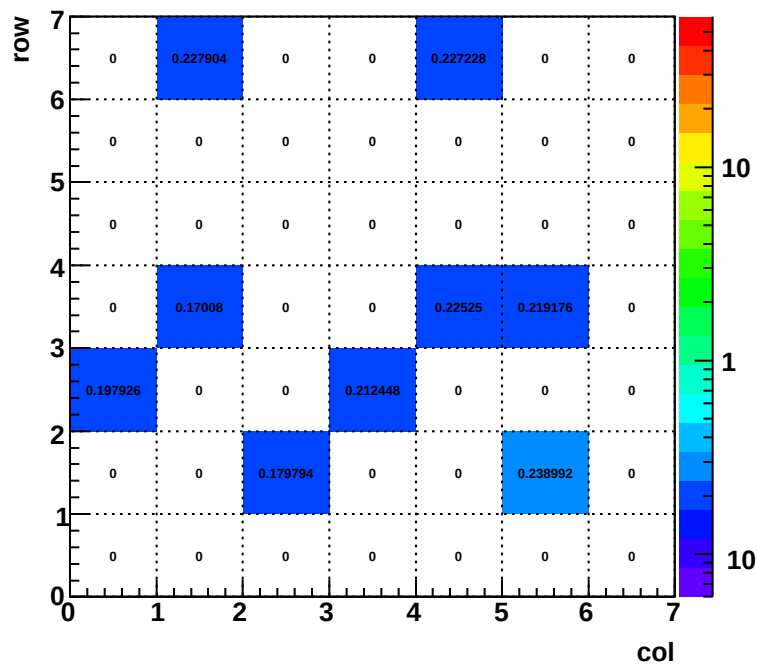
M12=0.511 Y12=-3.788 Phi12=0.037 E12=60.772

SumN(-) = 14 SumN(+)= 26 AN/.6=0.500

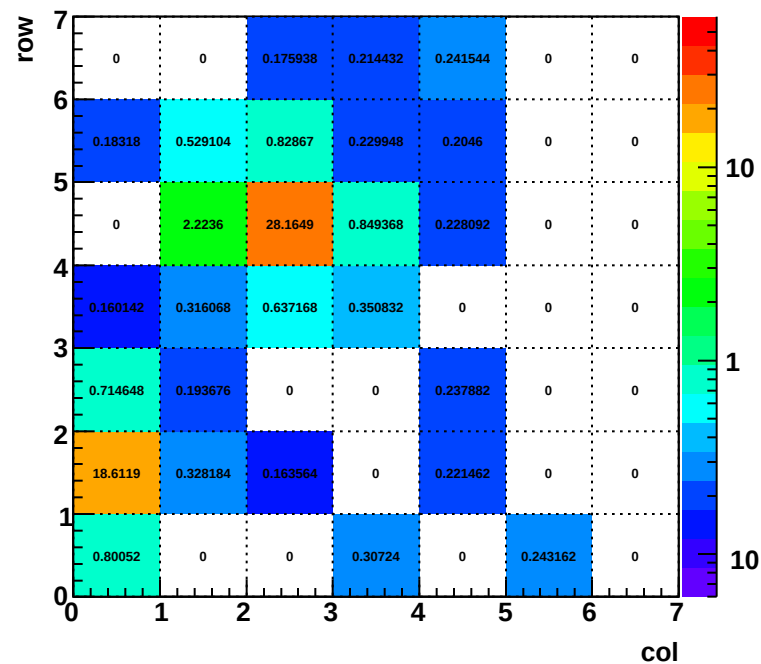
Running Yellow Spin Accumulation



North FPD



South FPD



41) Rnum=7119019 EventN=5208234 (2 Yd-N[-])

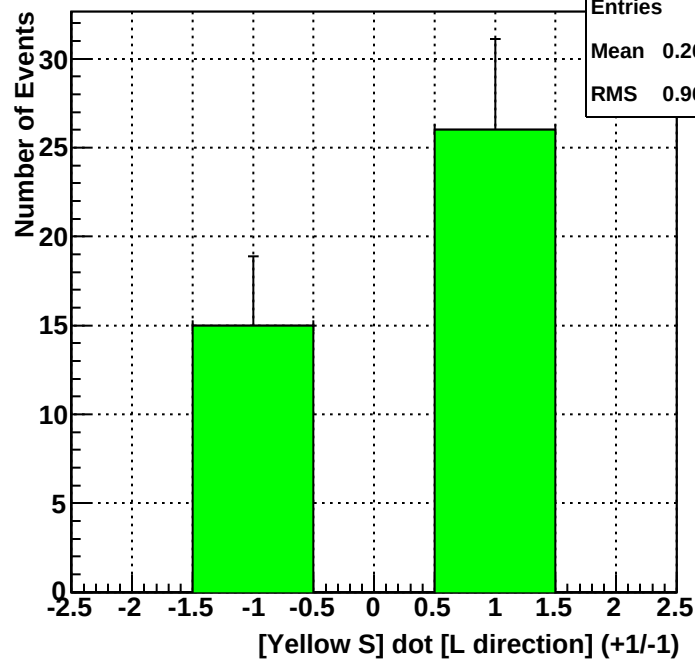
(1) Energy=52.569202 Y=-3.699848 Phi=-0.000016

(2) Energy=15.172534 Y=-3.393528 Phi=0.107887

M12=0.530 Y12=-3.624 Phi12=0.030 E12=67.742

SumN(-) = 15 SumN(+)= 26 AN/6=0.447

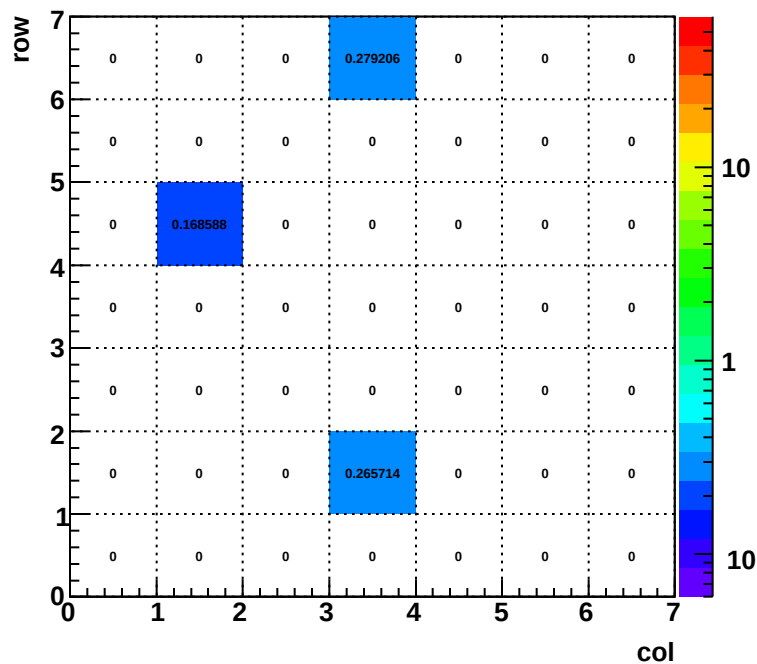
Running Yellow Spin Accumulation



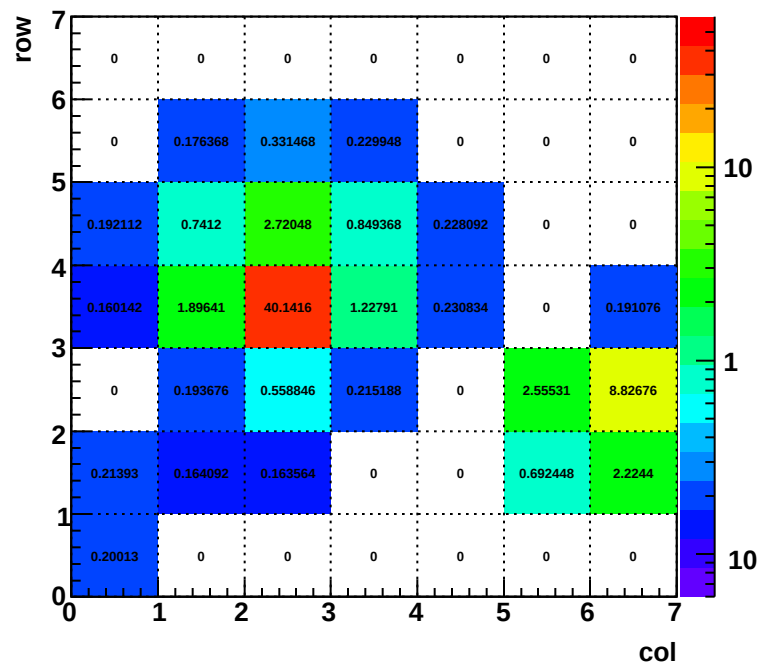
spcntH

Entries 41
Mean 0.2683
RMS 0.9633

North FPD



South FPD



42) Rnum=7119019 EventN=5404232 (1 Yu-N[+])

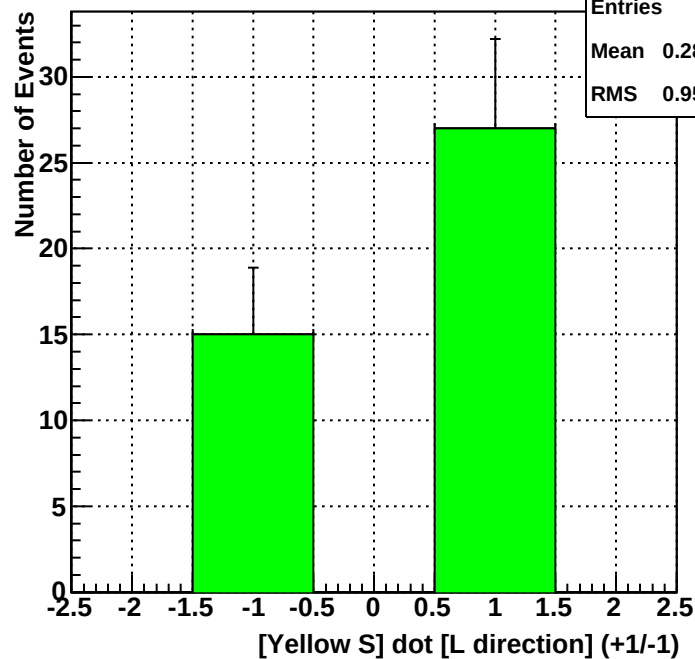
(1) Energy=53.932564 Y=-3.780277 Phi=-0.107846

(2) Energy=14.623115 Y=-3.752884 Phi=0.311780

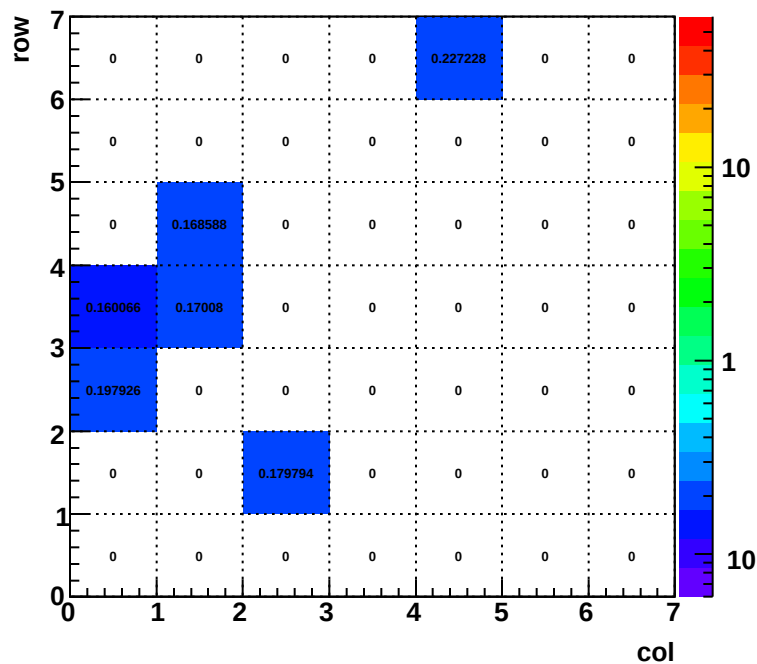
M12=0.542 Y12=-3.789 Phi12=-0.018 E12=68.556

SumN(-) = 15 SumN(+)= 27 AN/6=0.476

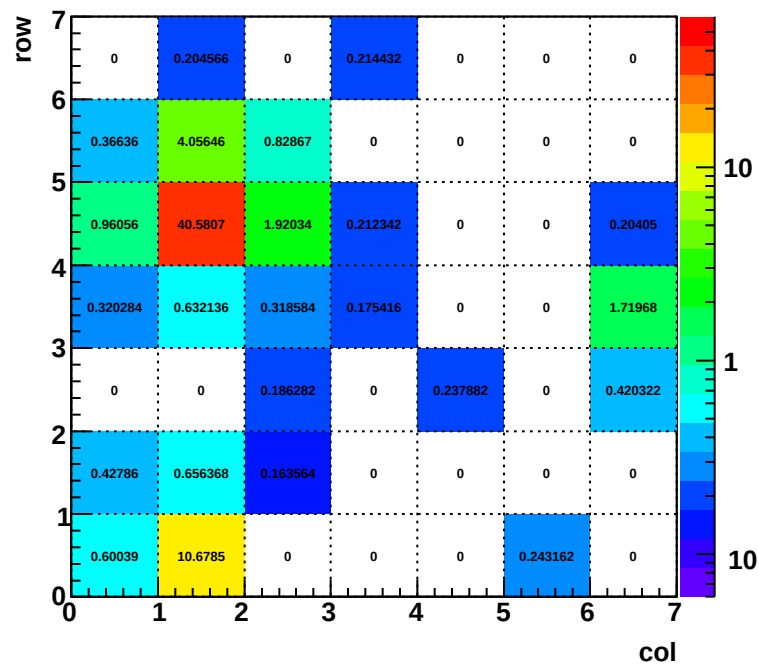
Running Yellow Spin Accumulation



North FPD



South FPD



43) Rnum=7119019 EventN=700632 (0 Yd-N[-])

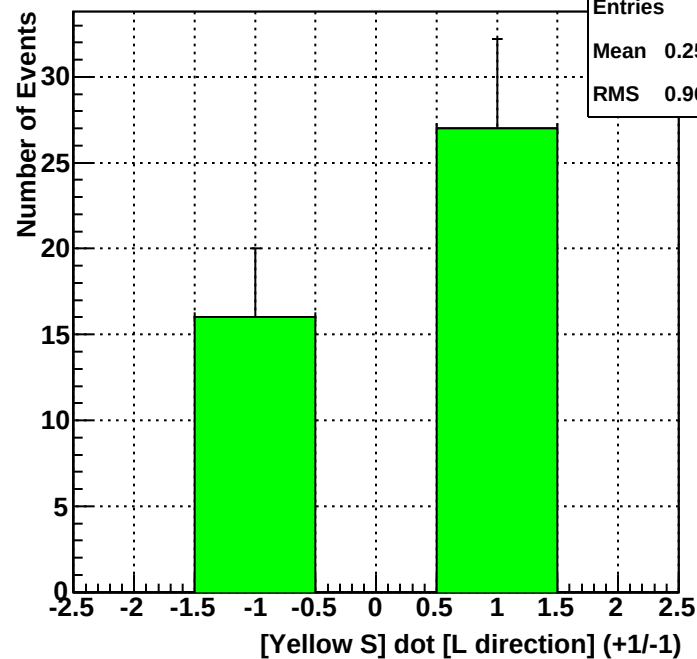
(1) Energy=44.824612 Y=-3.554809 Phi=0.159892

(2) Energy=15.176285 Y=-3.829744 Phi=-0.190743

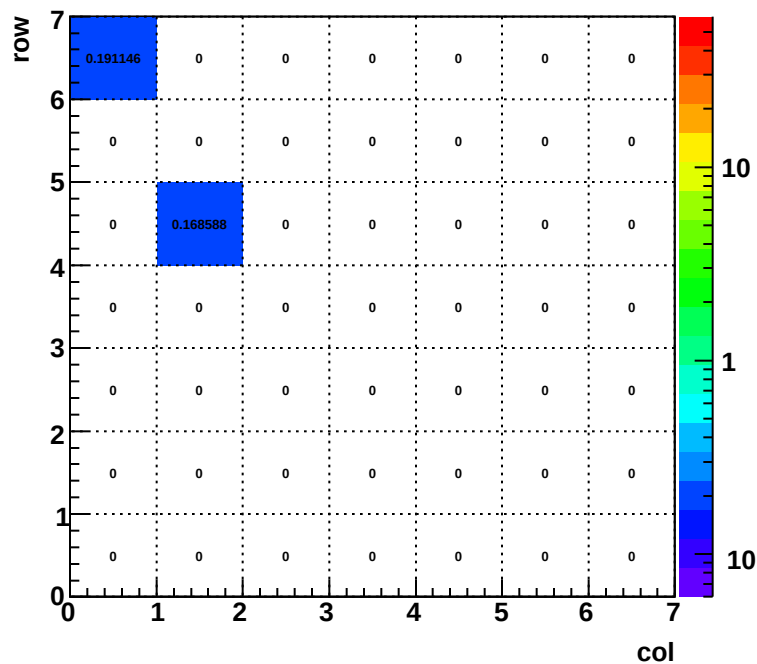
M12=0.578 Y12=-3.628 Phi12=0.089 E12=60.001

SumN(-) = 16 SumN(+)= 27 AN/.6=0.426

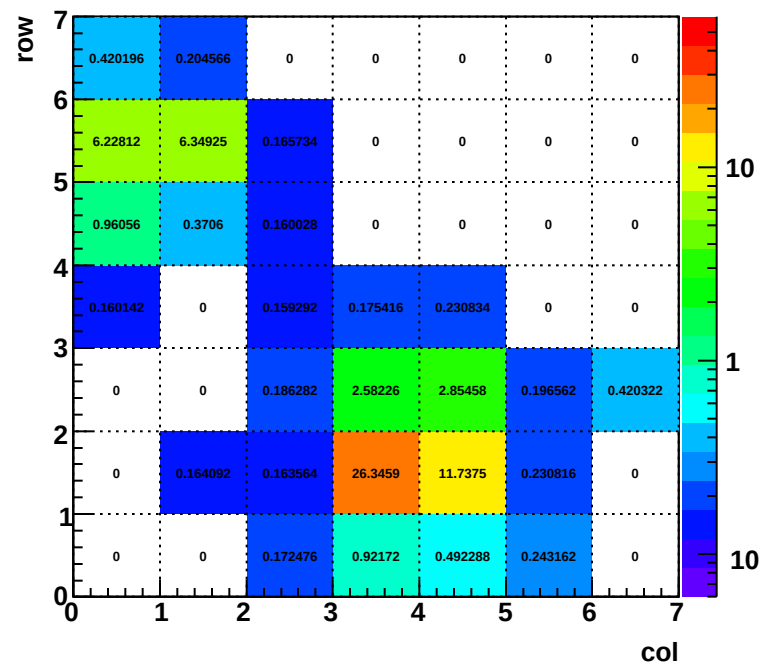
Running Yellow Spin Accumulation



North FPD



South FPD



44) Rnum=7119019 EventN=2307858 (2 Yd-S[+])

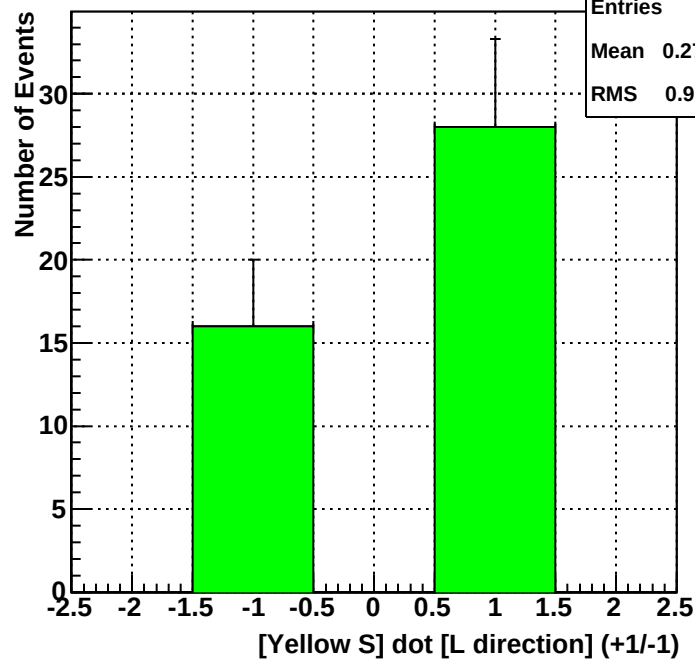
(1) Energy=30.745785 Y=-3.622128 Phi=-3.078376

(2) Energy=34.739555 Y=-3.910195 Phi=3.071740

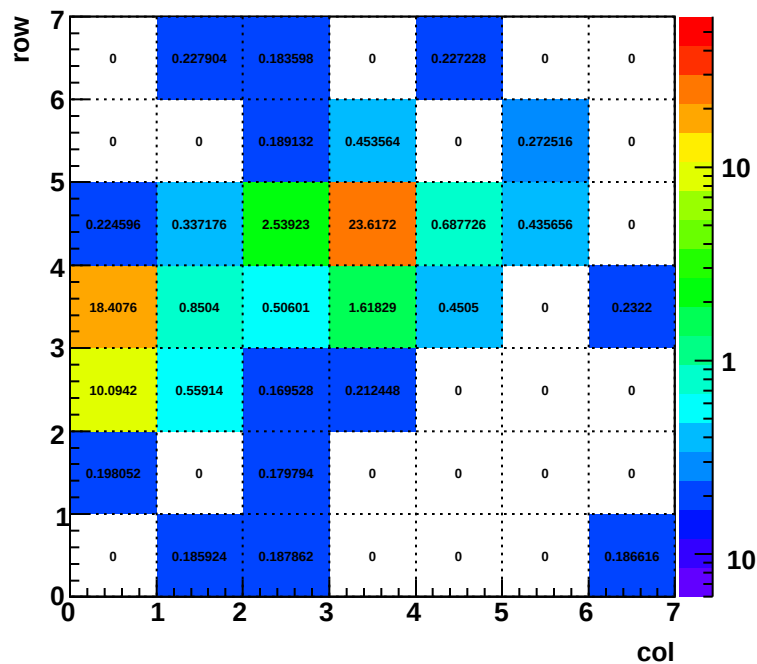
M12=0.481 Y12=-3.767 Phi12=-3.139 E12=65.485

SumN(-) = 16 SumN(+) = 28 AN/.6=0.455

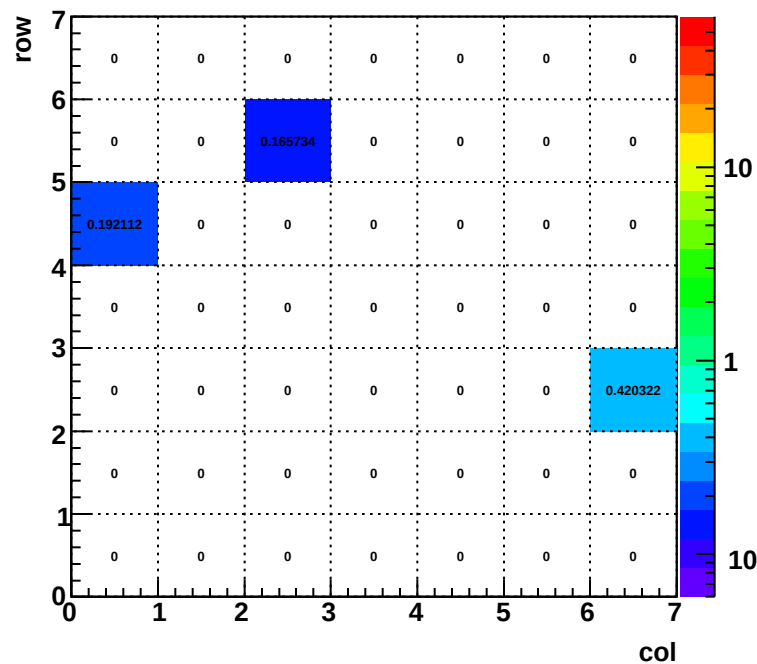
Running Yellow Spin Accumulation



North FPD



South FPD



45) Rnum=7119020 EventN=6805449 (0 Yd-N[-])

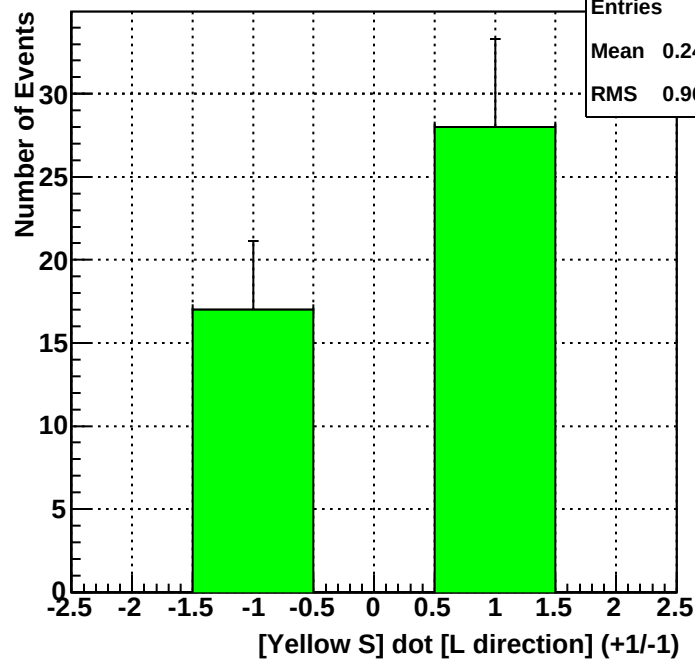
(1) Energy=48.695583 Y=-3.784733 Phi=0.156090

(2) Energy=14.660529 Y=-3.628579 Phi=-0.244653

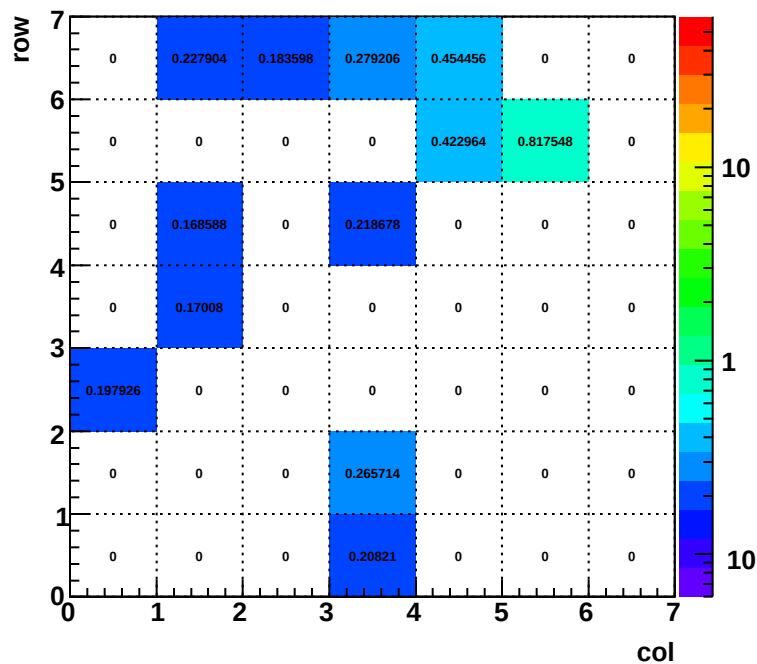
M12=0.561 Y12=-3.762 Phi12=0.053 E12=63.356

SumN(-) = 17 SumN(+) = 28 AN/.6=0.407

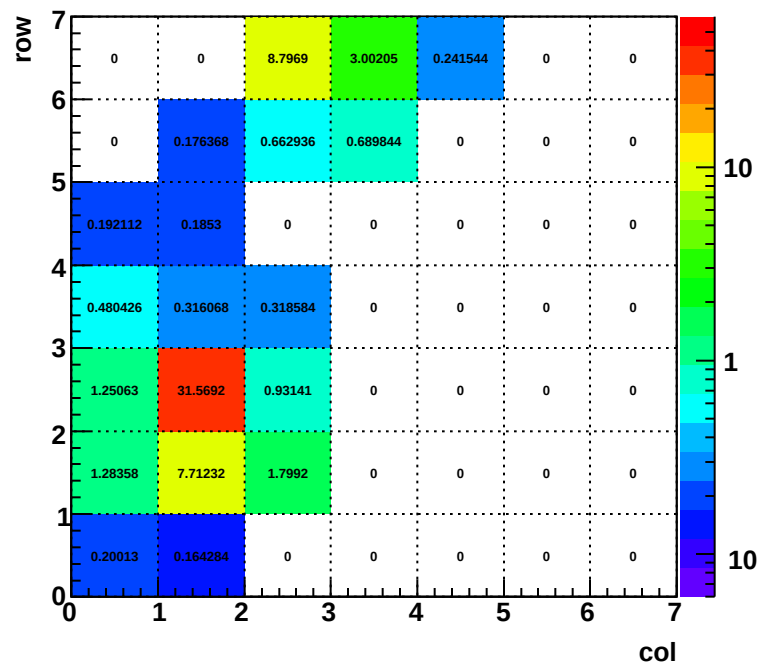
Running Yellow Spin Accumulation



North FPD



South FPD



46) Rnum=7119020 EventN=7209832 (1 Yu-N[+])

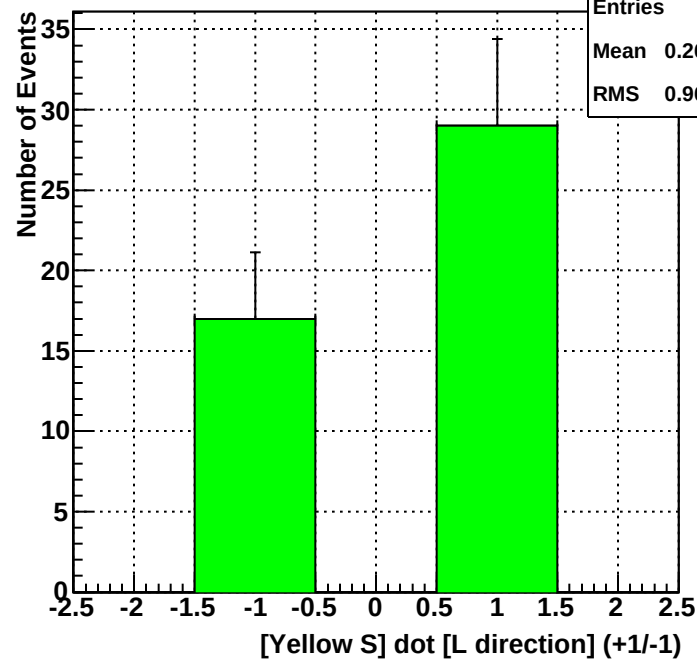
(1) Energy=48.898212 Y=-3.783282 Phi=0.075945

(2) Energy=12.622228 Y=-3.390281 Phi=0.096056

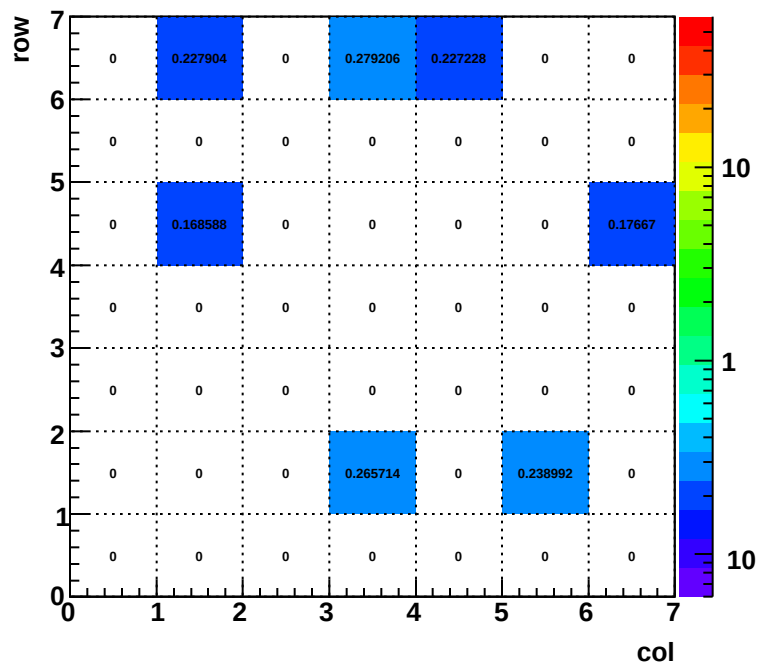
M12=0.544 Y12=-3.689 Phi12=0.082 E12=61.520

SumN(-) = 17 SumN(+)= 29 AN/.6=0.435

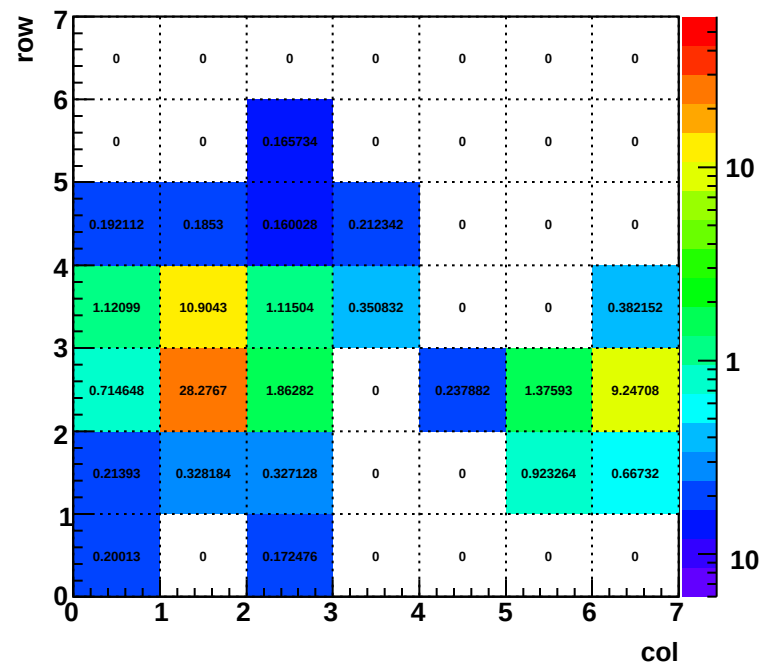
Running Yellow Spin Accumulation



North FPD



South FPD



47) Rnum=7119020 EventN=1606963 (2 Yd-S[+])

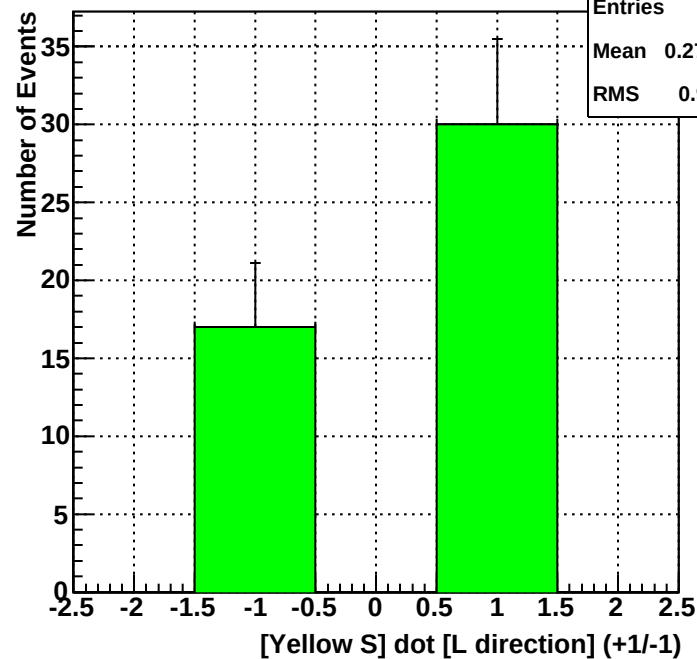
(1) Energy=39.143154 Y=-3.458770 Phi=3.075974

(2) Energy=22.605249 Y=-3.754329 Phi=-2.968471

M12=0.614 Y12=-3.563 Phi12=-3.136 E12=61.748

SumN(-) = 17 SumN(+) = 30 AN/6=0.461

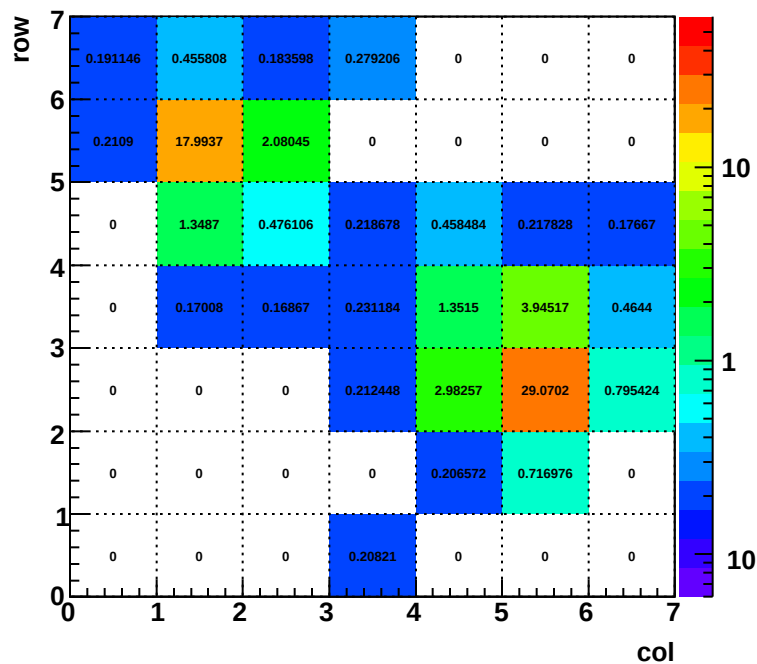
Running Yellow Spin Accumulation



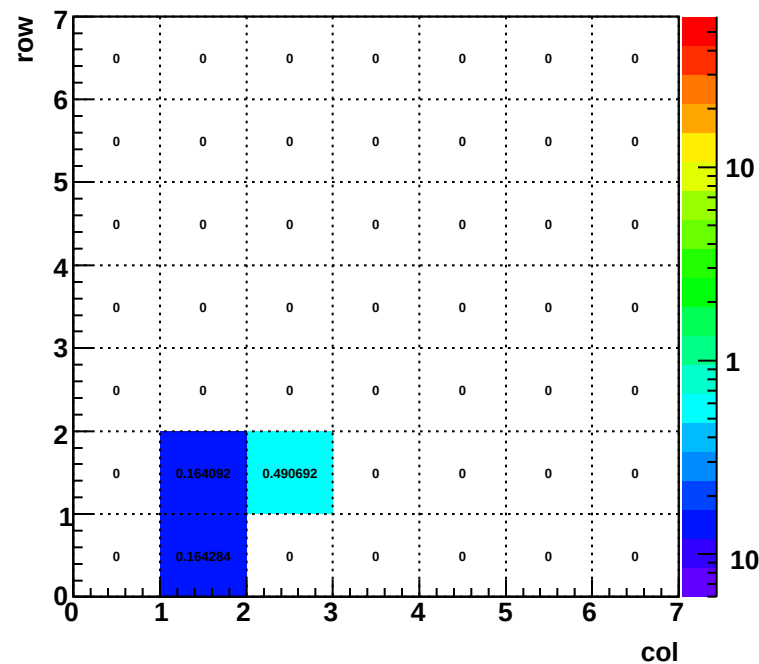
spcntH

Entries 47
Mean 0.2766
RMS 0.961

North FPD



South FPD



48) Rnum=7119023 EventN=2908411 (0 Yd-S[+])

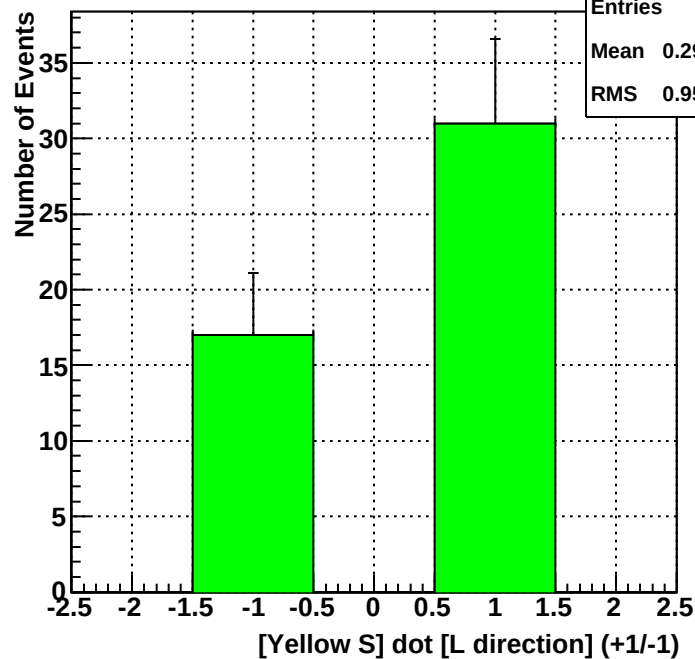
(1) Energy=45.180962 Y=-3.751946 Phi=3.023972

(2) Energy=21.728043 Y=-3.422574 Phi=2.983904

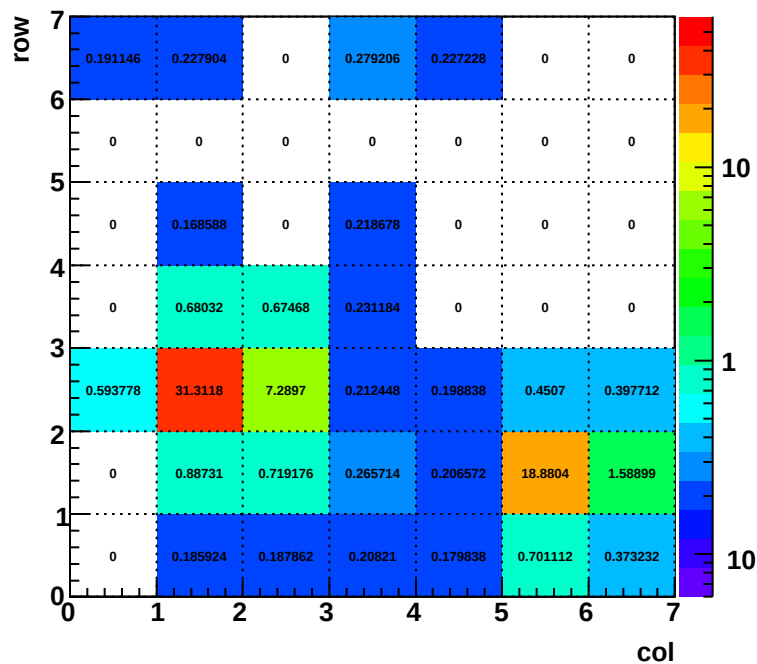
M12=0.577 Y12=-3.633 Phi12=3.008 E12=66.909

SumN(-) = 17 SumN(+) = 31 AN/6=0.486

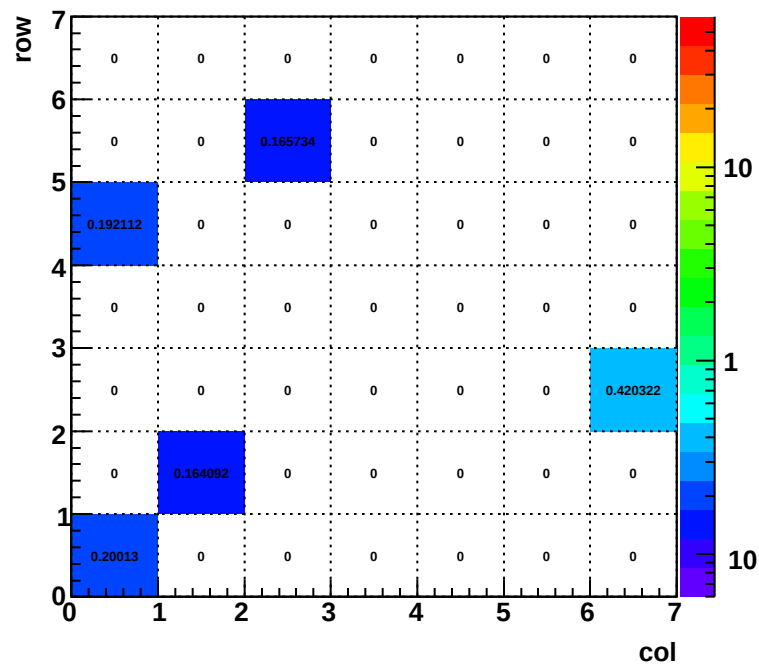
Running Yellow Spin Accumulation



North FPD



South FPD



49) Rnum=7119023 EventN=4803401 (1 Yu-N[+])

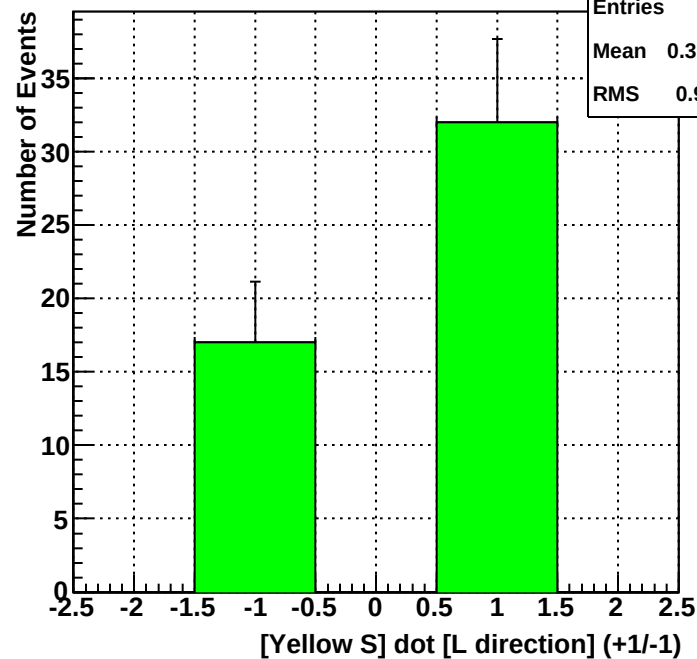
(1) Energy=36.143318 Y=-3.816857 Phi=-0.172884

(2) Energy=24.007481 Y=-3.702833 Phi=0.254850

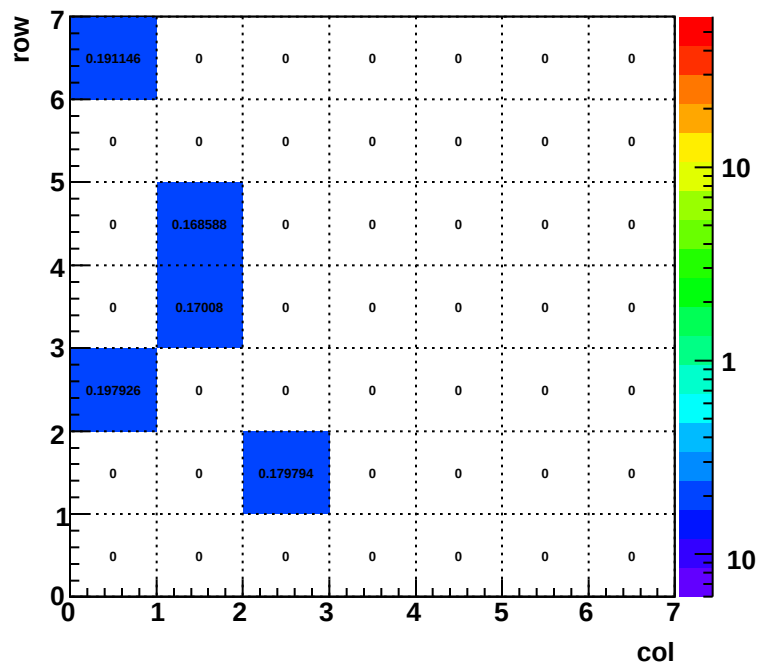
M12=0.602 Y12=-3.792 Phi12=0.009 E12=60.151

SumN(-) = 17 SumN(+)= 32 AN/6=0.510

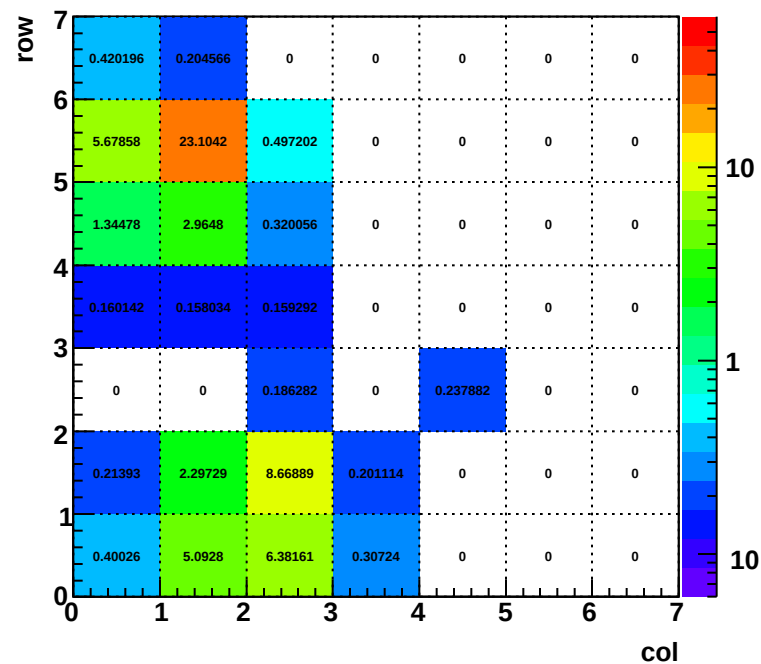
Running Yellow Spin Accumulation



North FPD



South FPD



50) Rnum=7119026 EventN=3303496 (2 Yd-S[+])

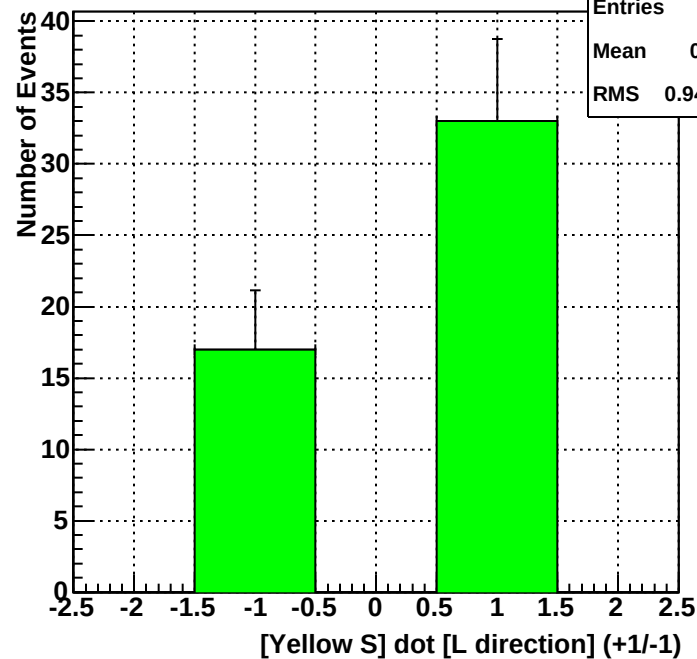
(1) Energy=33.262131 Y=-3.748908 Phi=-3.061654

(2) Energy=27.407520 Y=-3.474170 Phi=2.986874

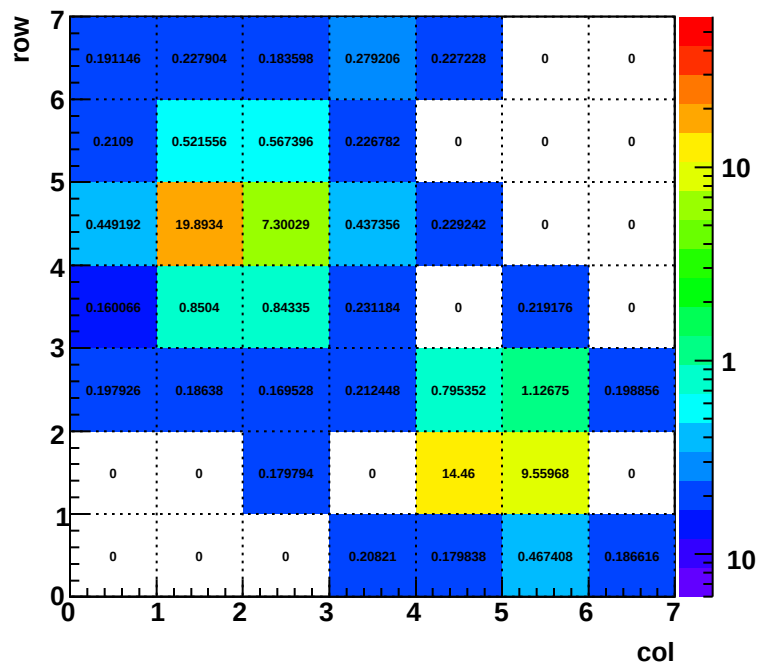
M12=0.589 Y12=-3.622 Phi12=3.099 E12=60.670

SumN(-) = 17 SumN(+)= 33 AN/.6=0.533

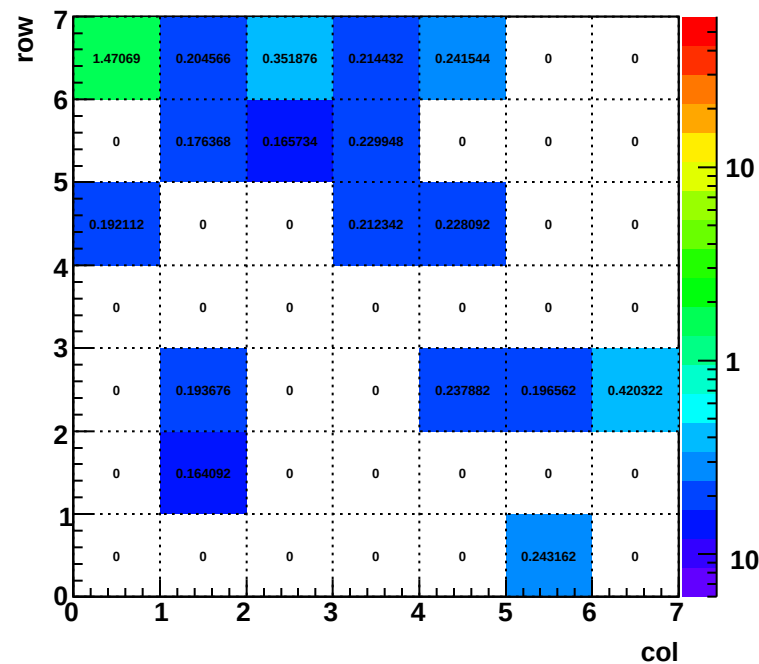
Running Yellow Spin Accumulation



North FPD



South FPD



51) Rnum=7119026 EventN=3400297 (1 Yu-S[-])

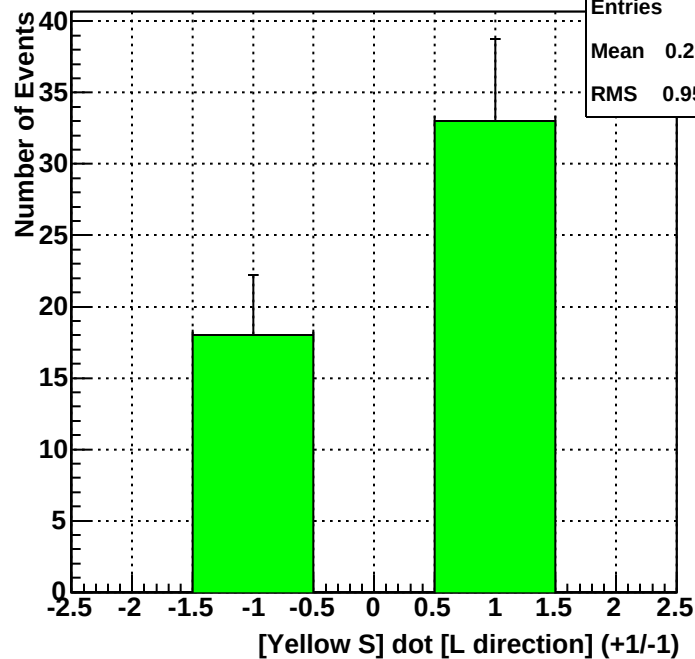
(1) Energy=23.248968 Y=-3.698862 Phi=-3.025186

(2) Energy=37.193882 Y=-3.714963 Phi=2.882483

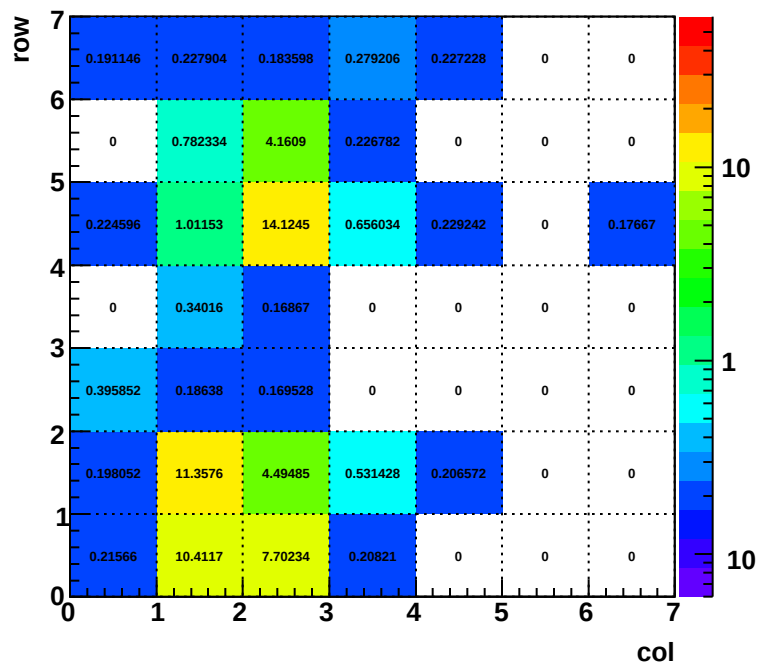
M12=0.539 Y12=-3.726 Phi12=3.028 E12=60.443

SumN(-) = 18 SumN(+)= 33 AN/.6=0.490

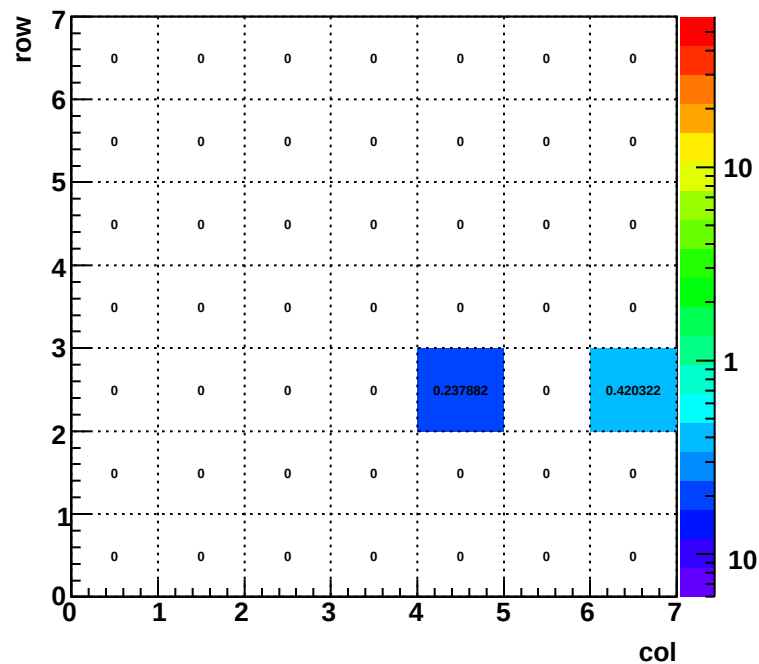
Running Yellow Spin Accumulation



North FPD



South FPD



52) Rnum=7119026 EventN=1807994 (1 Yu-S[-])

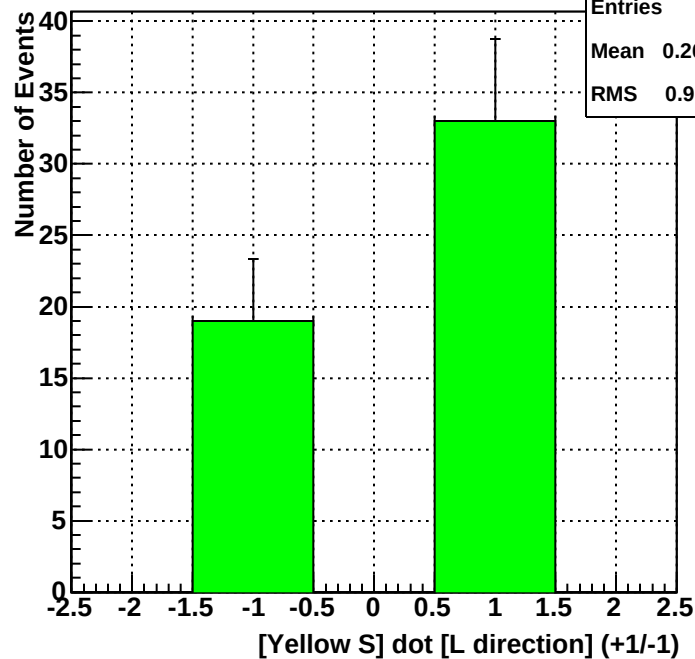
(1) Energy=30.330498 Y=-3.750778 Phi=3.039567

(2) Energy=39.137272 Y=-3.609285 Phi=-2.931883

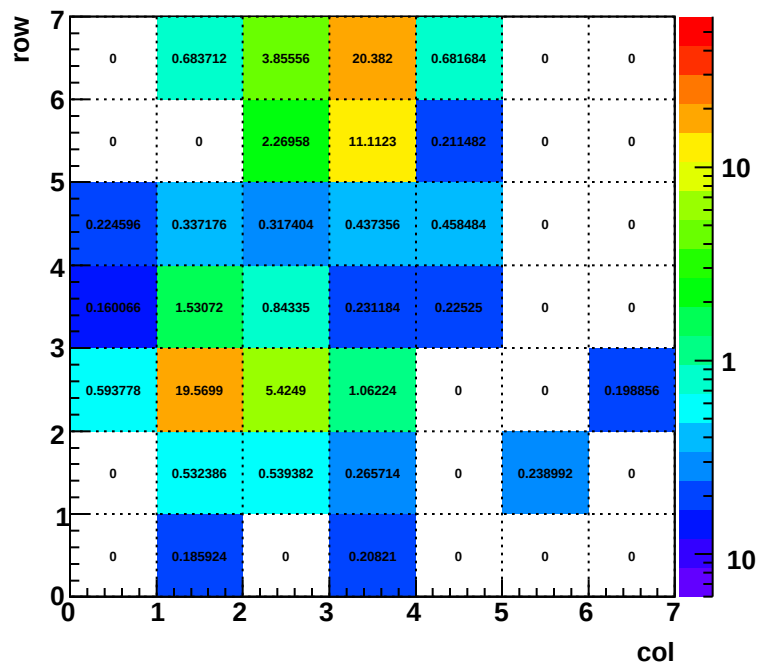
M12=0.592 Y12=-3.680 Phi12=-3.057 E12=69.468

SumN(-) = 19 SumN(+) = 33 AN/.6=0.449

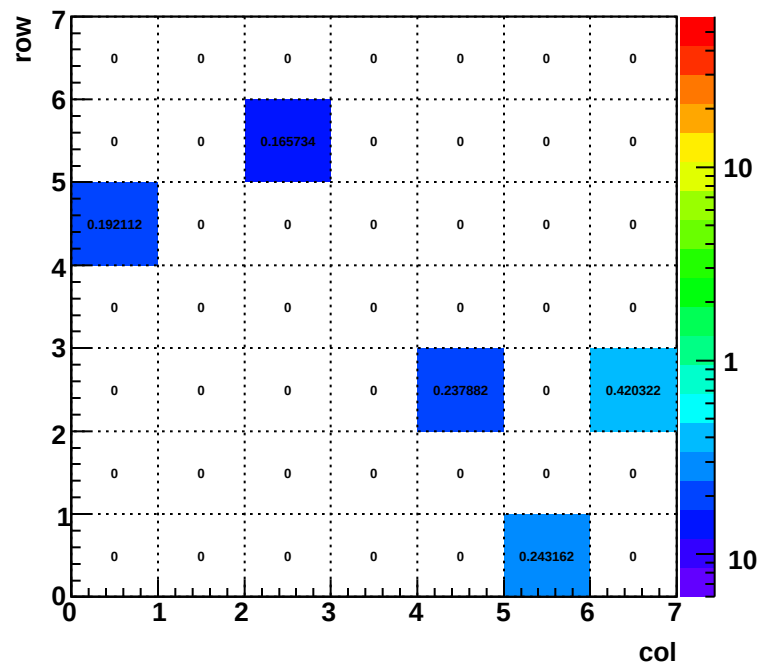
Running Yellow Spin Accumulation



North FPD



South FPD



53) Rnum=7119028 EventN=8108341 (0 Yd-N[-])

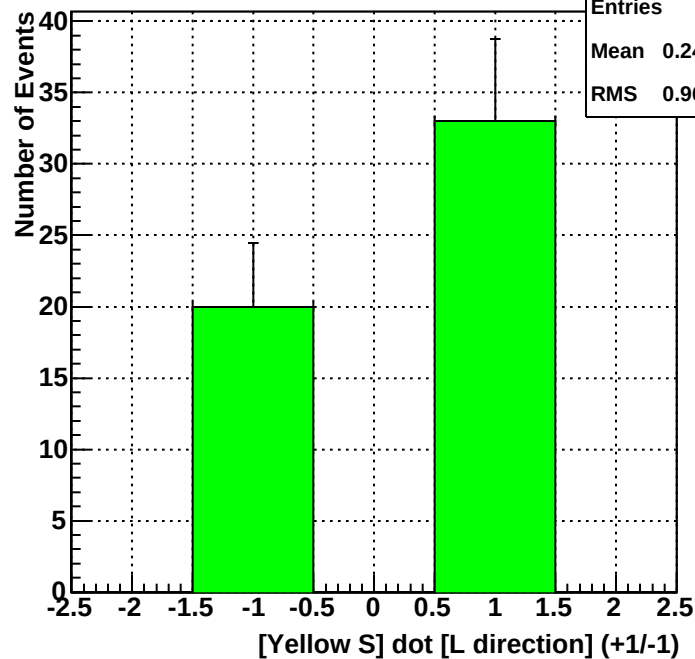
(1) Energy=55.101295 Y=-3.761037 Phi=0.061553

(2) Energy=11.226480 Y=-3.395012 Phi=-0.192928

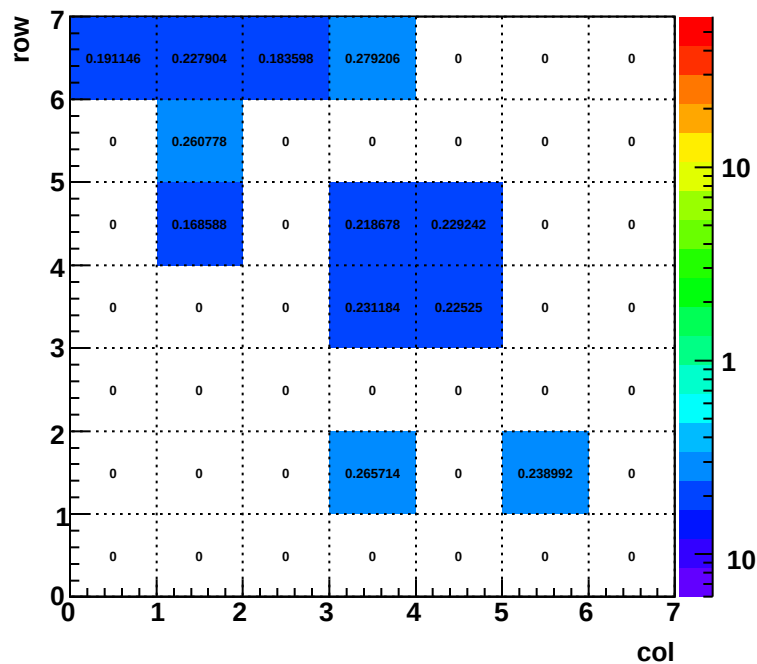
M12=0.621 Y12=-3.695 Phi12=0.004 E12=66.328

SumN(-) = 20 SumN(+)= 33 AN/6=0.409

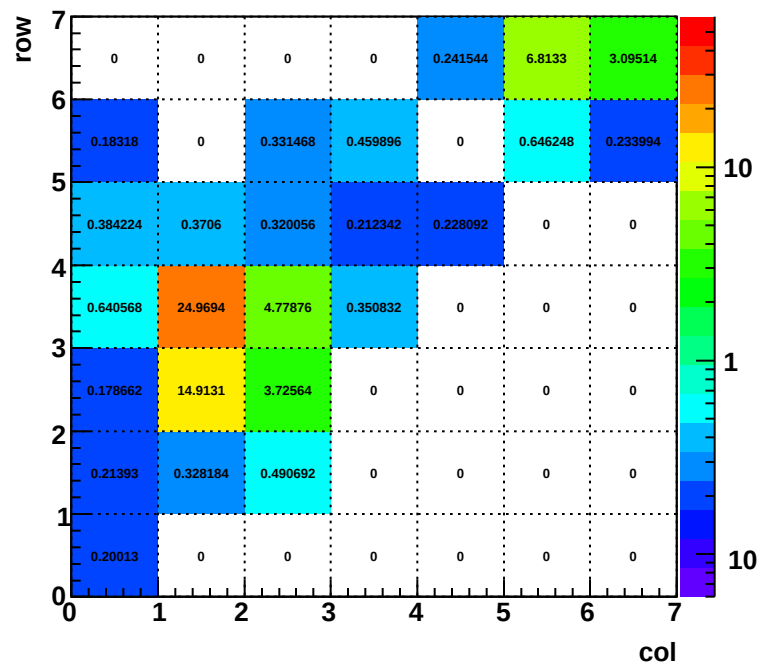
Running Yellow Spin Accumulation



North FPD



South FPD



54) Rnum=7119038 EventN=802180 (1 Yu-N[+])

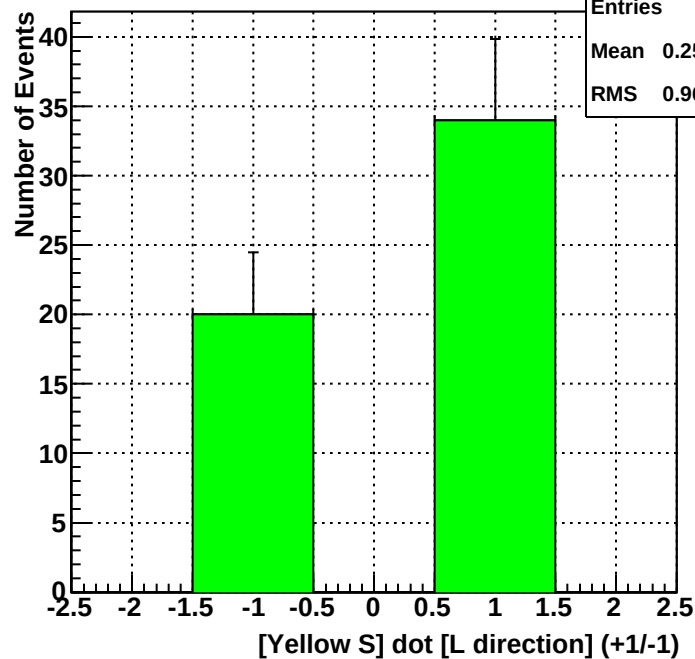
(1) Energy=48.954311 Y=-3.766976 Phi=0.123428

(2) Energy=13.415903 Y=-3.619334 Phi=-0.267522

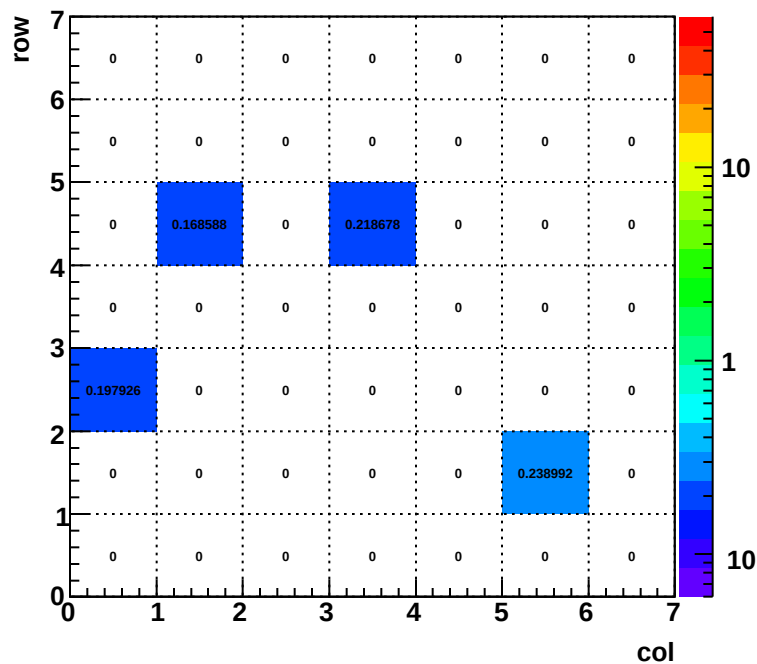
M12=0.530 Y12=-3.747 Phi12=0.030 E12=62.370

SumN(-) = 20 SumN(+) = 34 AN/.6=0.432

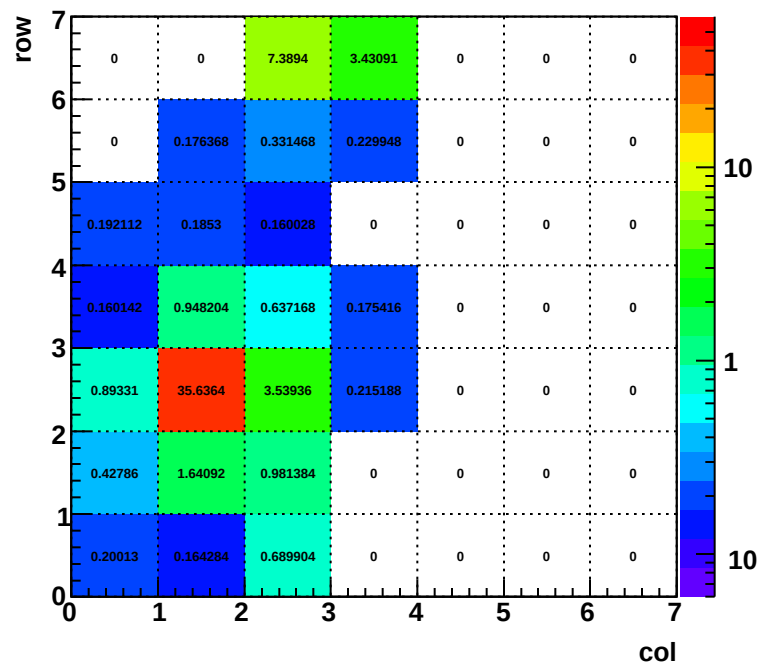
Running Yellow Spin Accumulation



North FPD



South FPD



55) Rnum=7119068 EventN=5404270 (1 Yu-N[+])

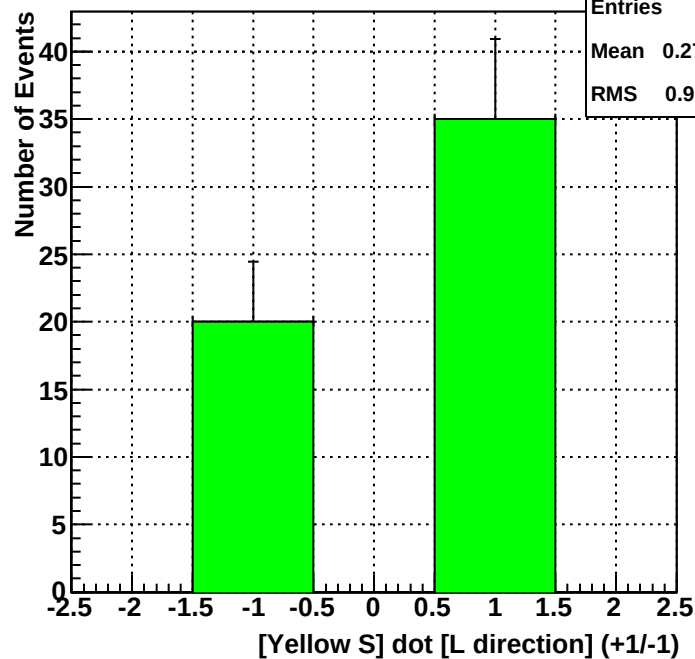
(1) Energy=57.547859 Y=-3.661024 Phi=-0.180606

(2) Energy=10.757955 Y=-3.368333 Phi=0.044162

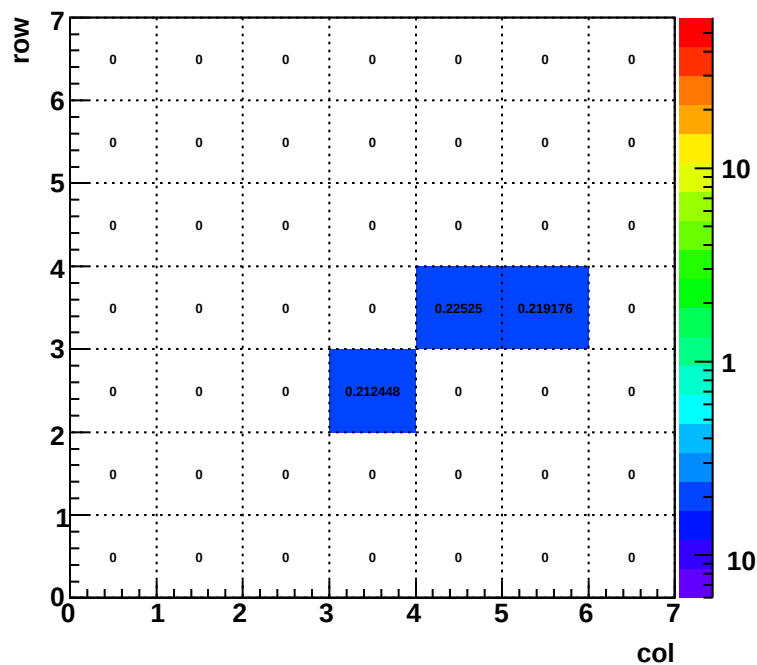
M12=0.547 Y12=-3.613 Phi12=-0.136 E12=68.306

SumN(-) = 20 SumN(+) = 35 AN/6=0.455

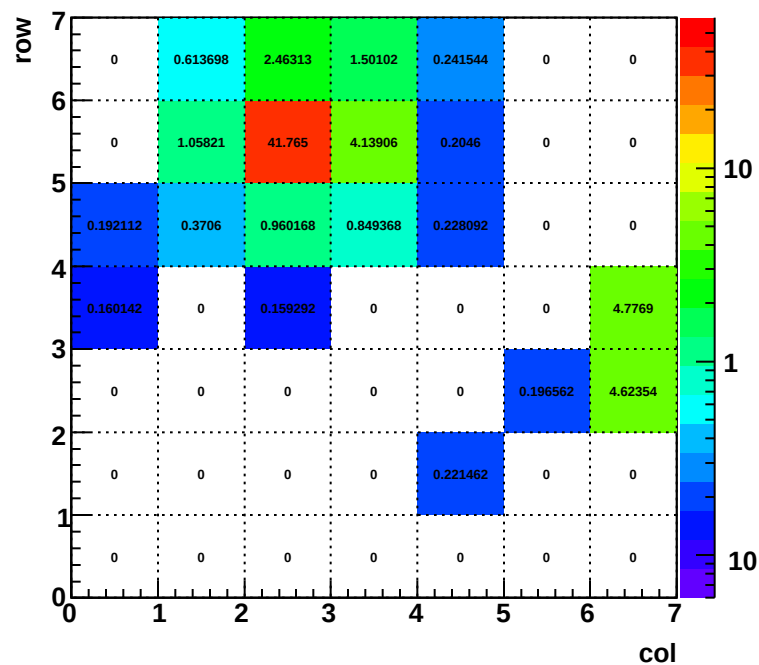
Running Yellow Spin Accumulation



North FPD



South FPD



56) Rnum=7119068 EventN=8409569 (3 Yu-N[+])

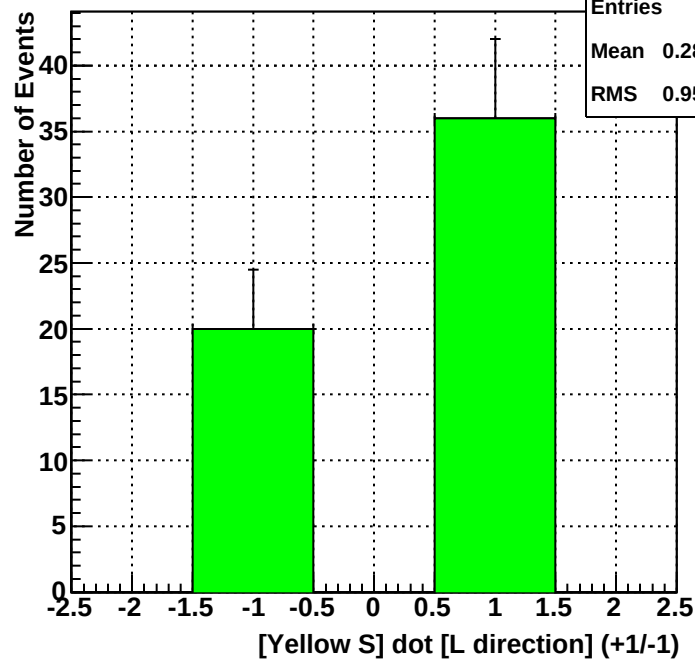
(1) Energy=27.729265 Y=-3.689104 Phi=0.292594

(2) Energy=34.014198 Y=-3.695349 Phi=-0.032319

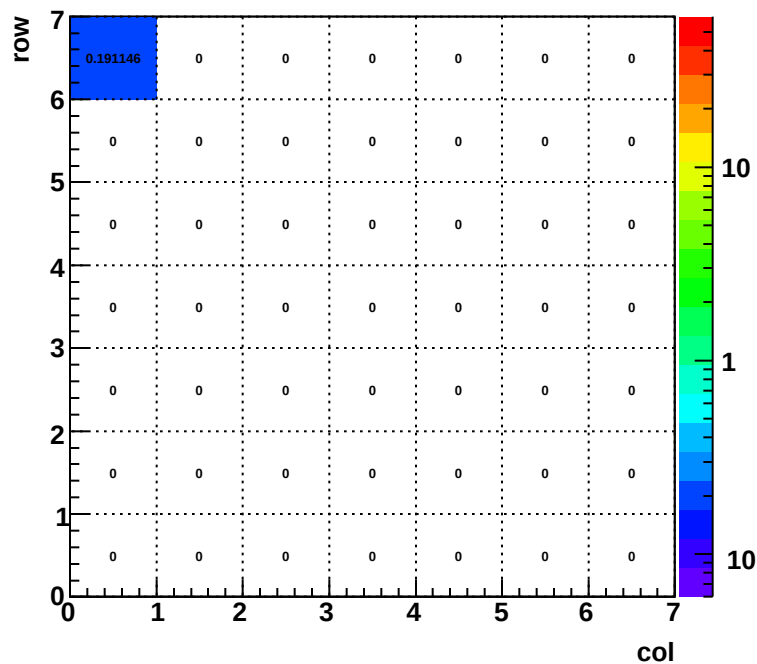
M12=0.495 Y12=-3.706 Phi12=0.114 E12=61.743

SumN(-) = 20 SumN(+)= 36 AN/6=0.476

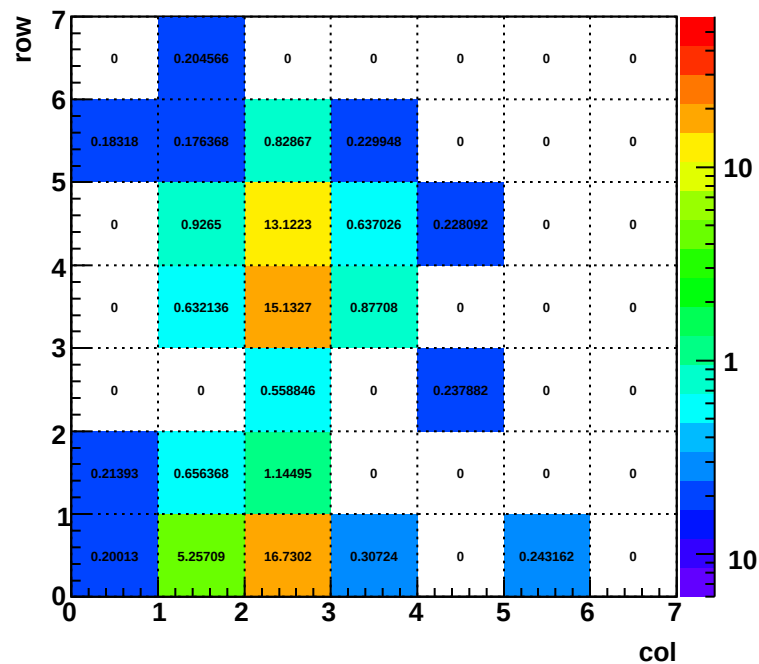
Running Yellow Spin Accumulation



North FPD



South FPD



57) Rnum=7119068 EventN=10007852 (2 Yd-N[-])

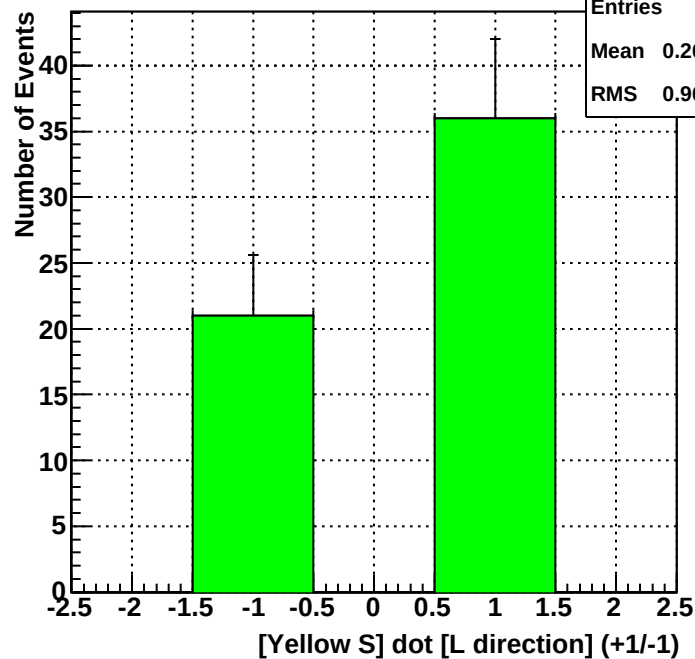
(1) Energy=35.711838 Y=-3.685616 Phi=-0.152971

(2) Energy=28.464308 Y=-3.438052 Phi=-0.051880

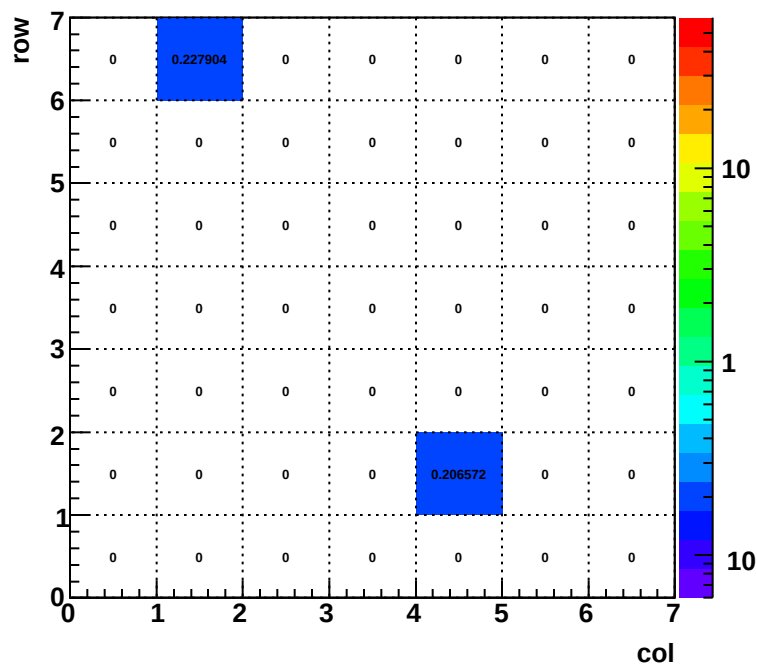
M12=0.485 Y12=-3.569 Phi12=-0.102 E12=64.176

SumN(-) = 21 SumN(+)= 36 AN/6=0.439

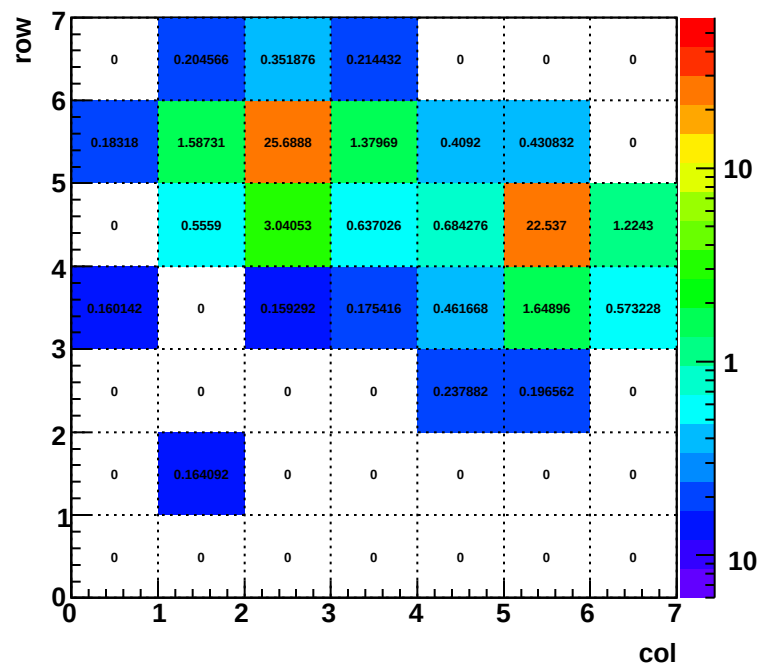
Running Yellow Spin Accumulation



North FPD



South FPD



58) Rnum=7119068 EventN=1905671 (2 Yd-N[-])

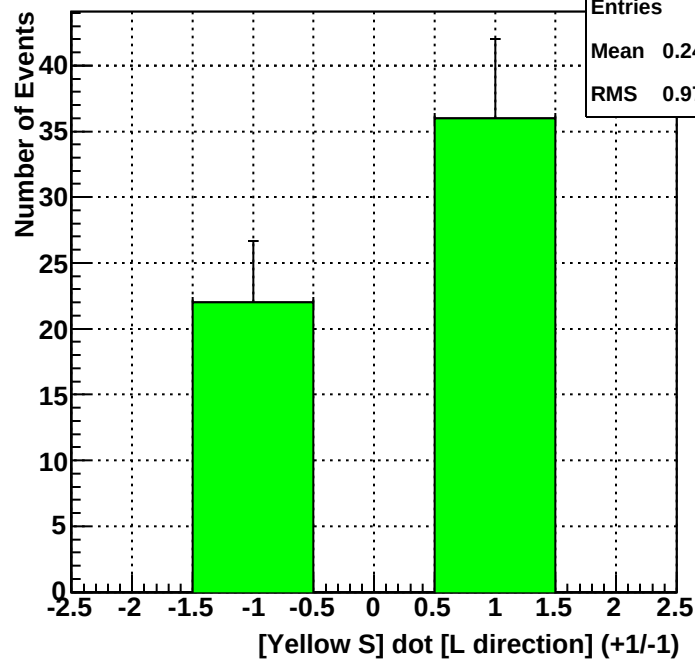
(1) Energy=33.603085 Y=-3.917452 Phi=-0.113067

(2) Energy=31.062605 Y=-3.585635 Phi=-0.012711

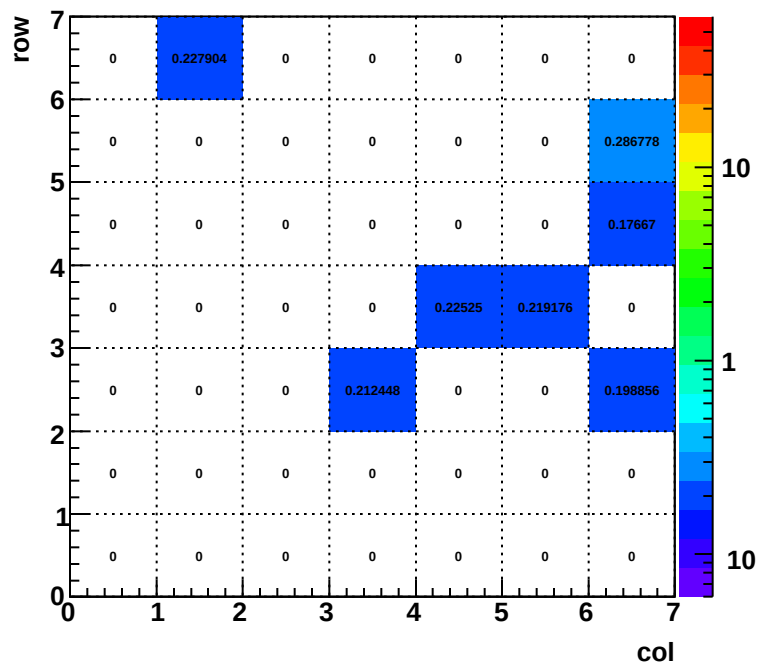
M12=0.528 Y12=-3.746 Phi12=-0.057 E12=64.666

SumN(-) = 22 SumN(+) = 36 AN/6=0.402

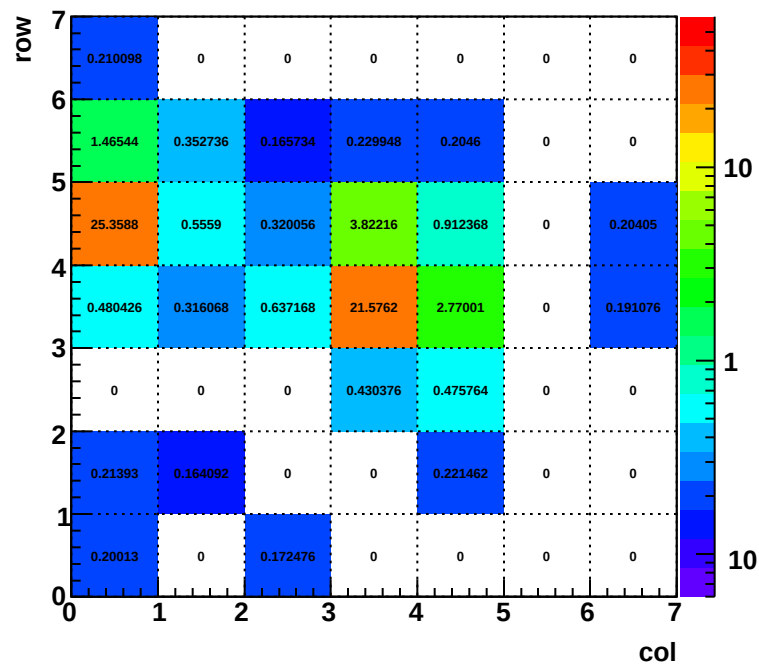
Running Yellow Spin Accumulation



North FPD



South FPD



59) Rnum=7119069 EventN=3201818 (0 Yd-N[-])

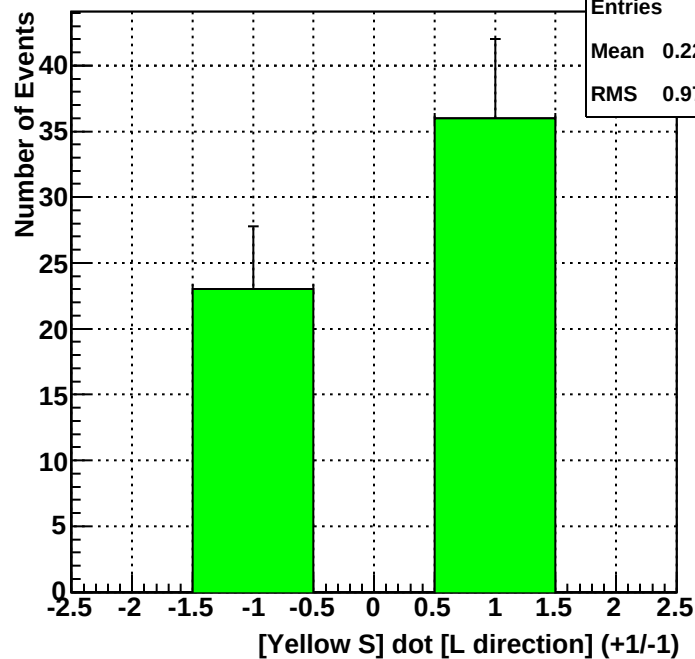
(1) Energy=36.256409 Y=-3.853474 Phi=-0.106215

(2) Energy=28.067411 Y=-3.506761 Phi=-0.116243

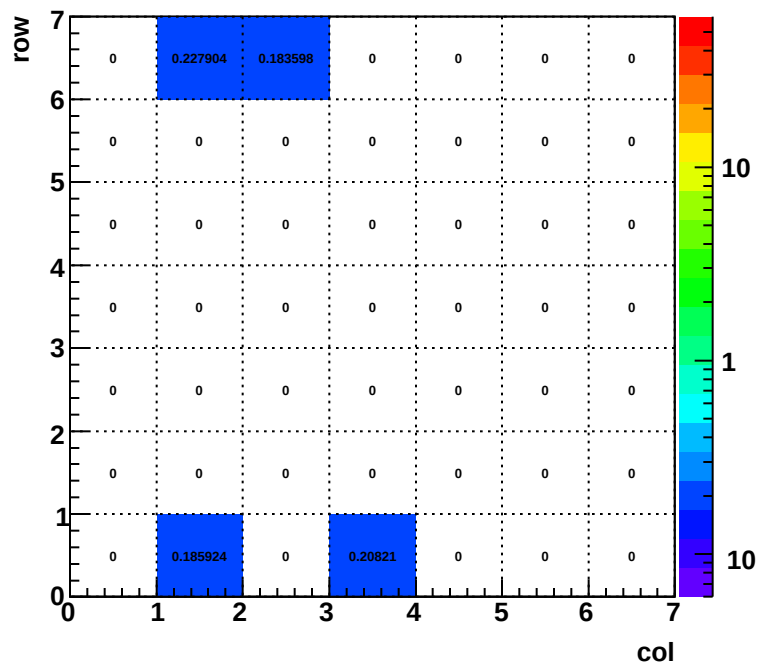
M12=0.560 Y12=-3.687 Phi12=-0.111 E12=64.324

SumN(-) = 23 SumN(+) = 36 AN/.6=0.367

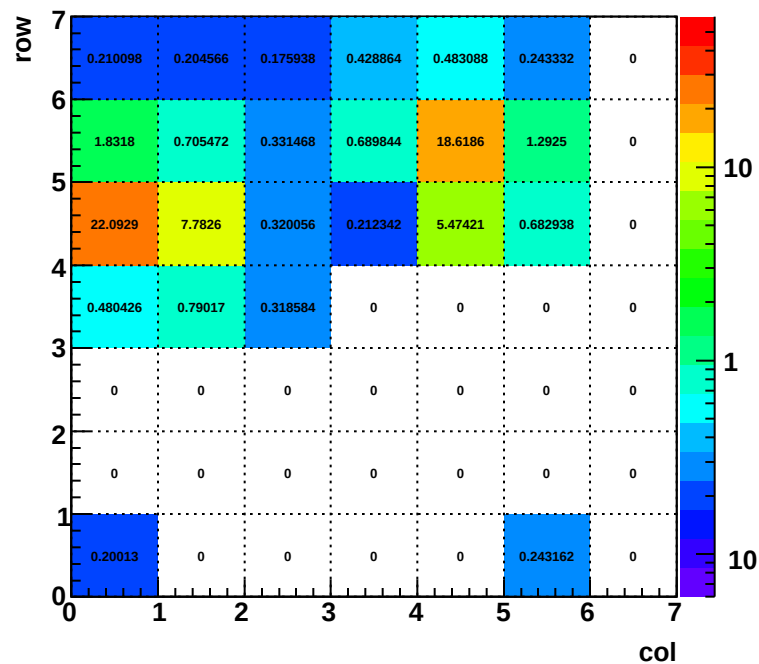
Running Yellow Spin Accumulation



North FPD



South FPD



60) Rnum=7119069 EventN=1902073 (3 Yu-N[+])

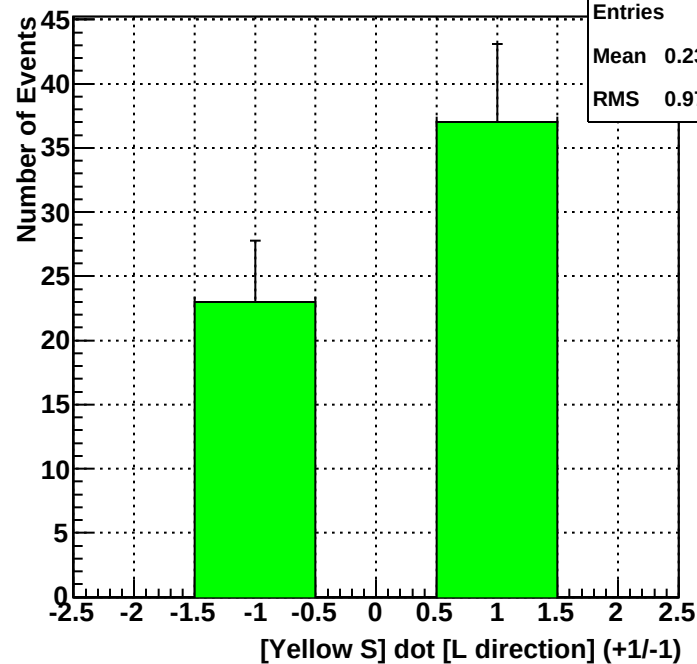
(1) Energy=37.340355 Y=-3.642391 Phi=0.000033

(2) Energy=28.027292 Y=-3.772800 Phi=-0.286591

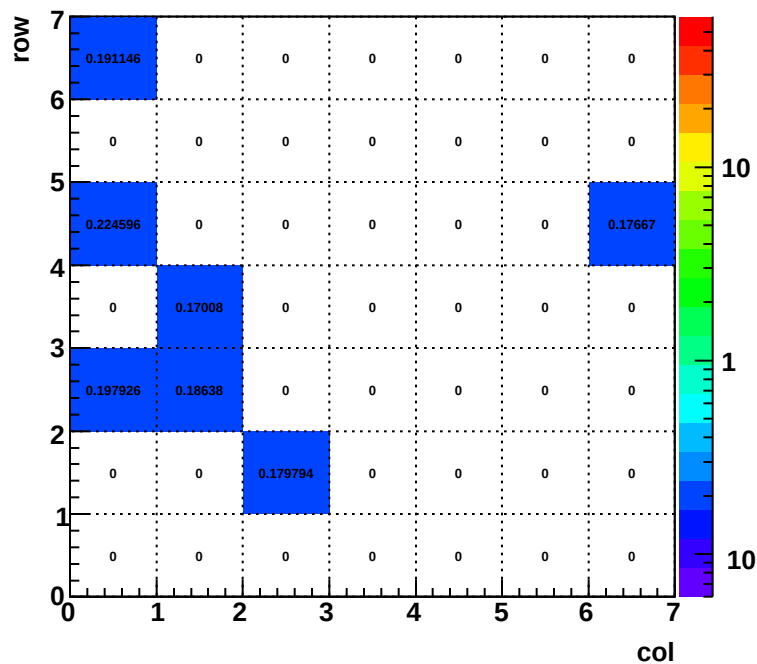
M12=0.498 Y12=-3.706 Phi12=-0.114 E12=65.368

SumN(-) = 23 SumN(+)= 37 AN/6=0.389

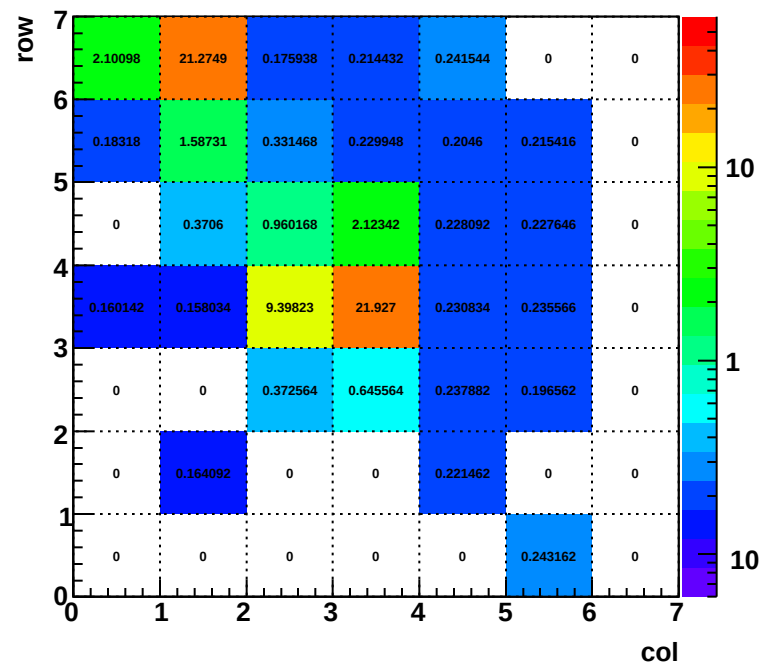
Running Yellow Spin Accumulation



North FPD



South FPD



61) Rnum=7119070 EventN=2908014 (1 Yu-S[-])

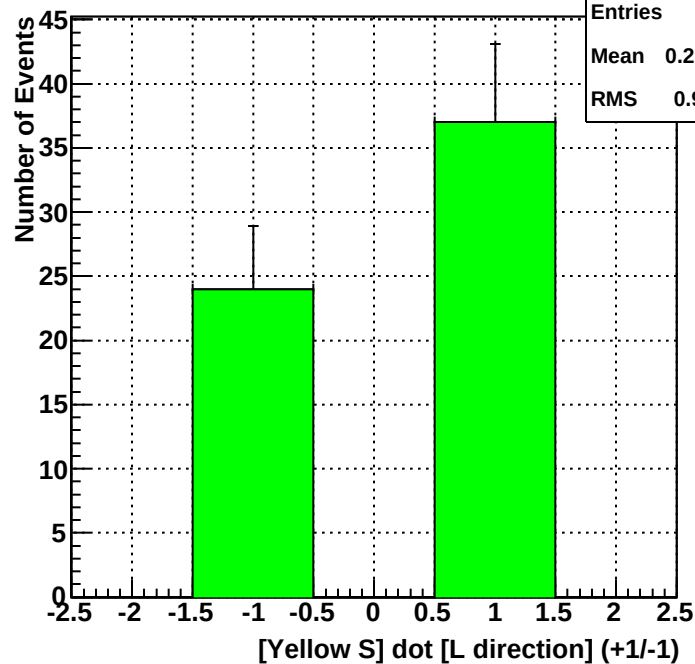
(1) Energy=42.651974 Y=-3.639221 Phi=-3.016828

(2) Energy=17.775007 Y=-3.448509 Phi=2.982424

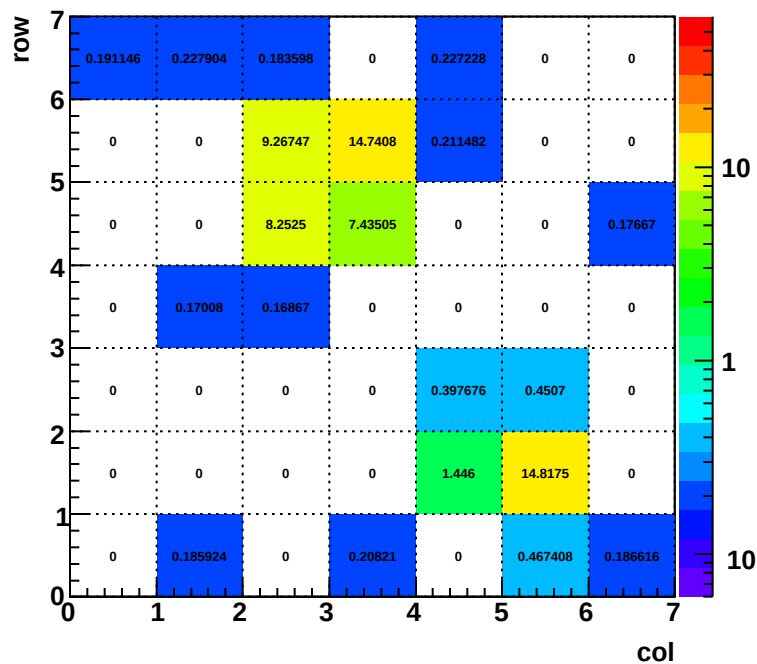
M12=0.543 Y12=-3.588 Phi12=-3.112 E12=60.427

SumN(-) = 24 SumN(+) = 37 AN/.6=0.355

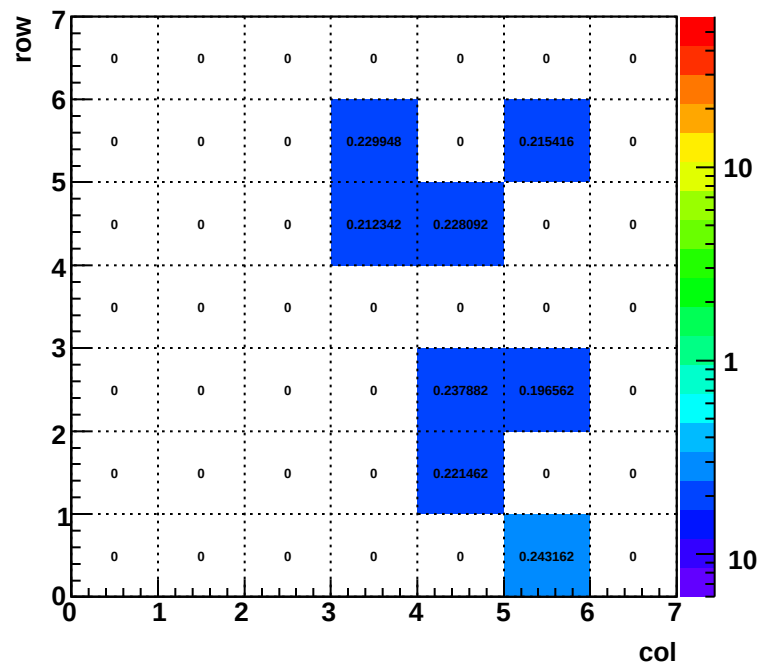
Running Yellow Spin Accumulation



North FPD



South FPD



62) Rnum=7119070 EventN=4000525 (1 Yu-N[+])

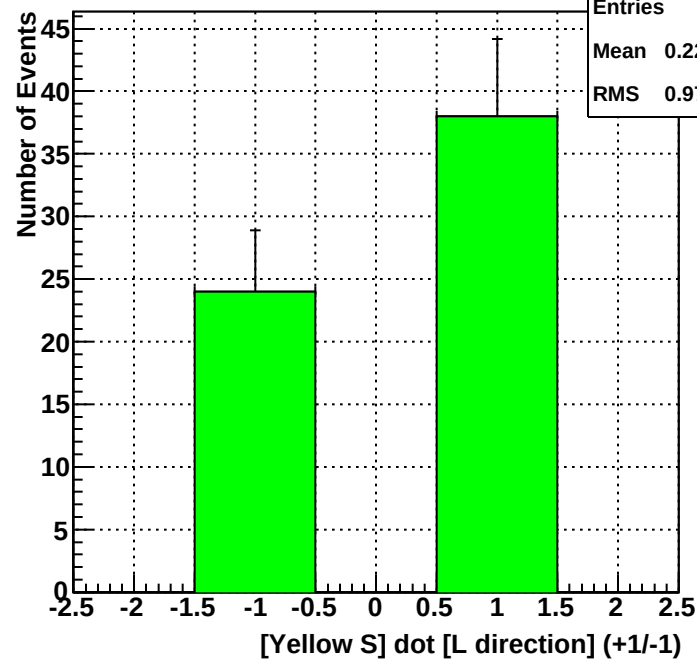
(1) Energy=56.632511 Y=-3.758966 Phi=0.126003

(2) Energy=11.569121 Y=-3.395577 Phi=0.079701

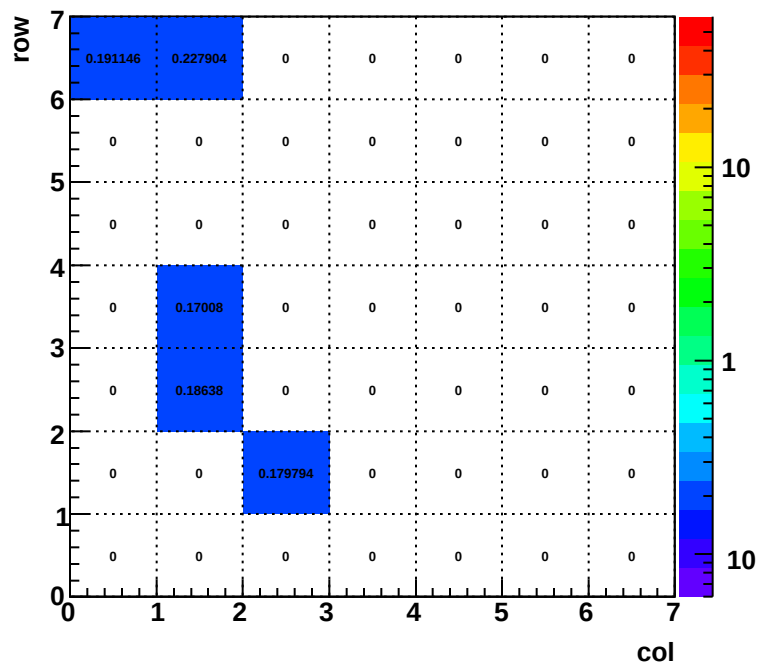
M12=0.526 Y12=-3.687 Phi12=0.115 E12=68.202

SumN(-) = 24 SumN(+)= 38 AN/.6=0.376

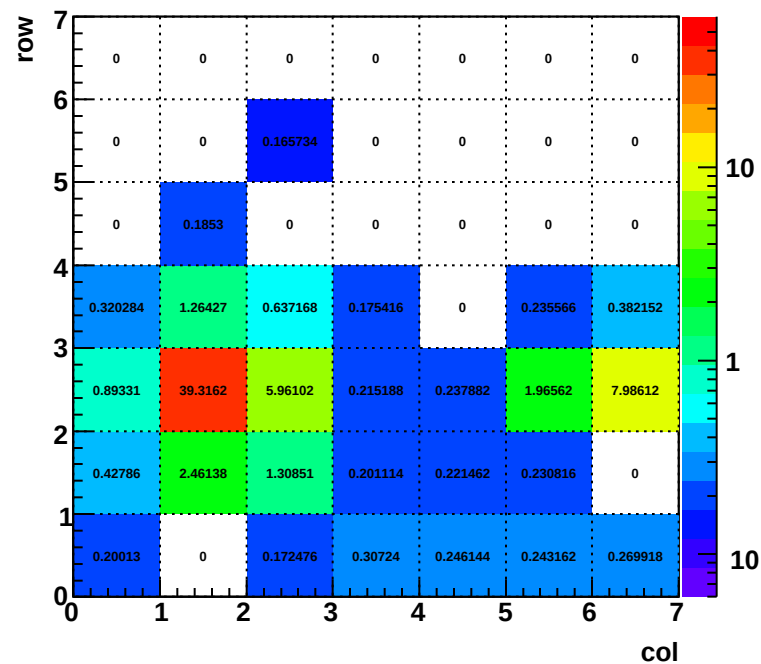
Running Yellow Spin Accumulation



North FPD



South FPD



63) Rnum=7119070 EventN=1008221 (0 Yd-N[-])

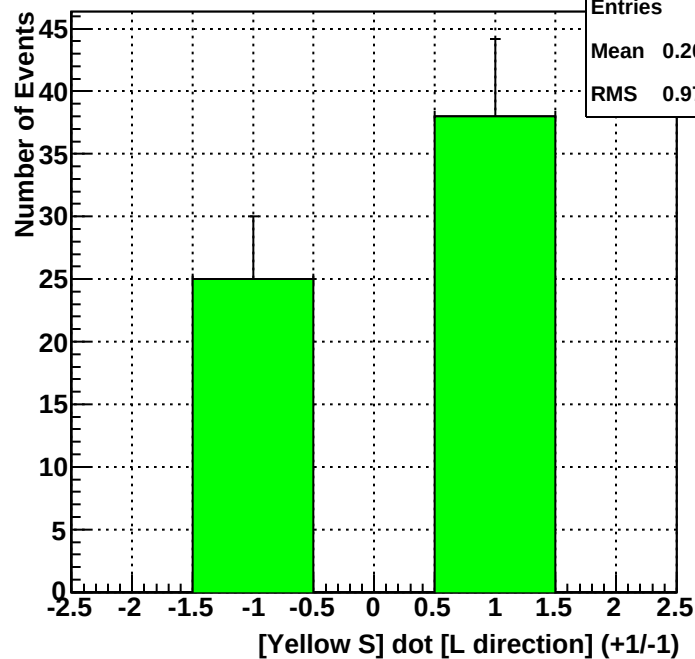
(1) Energy=41.816093 Y=-3.922683 Phi=-0.001883

(2) Energy=19.118959 Y=-3.481662 Phi=0.017513

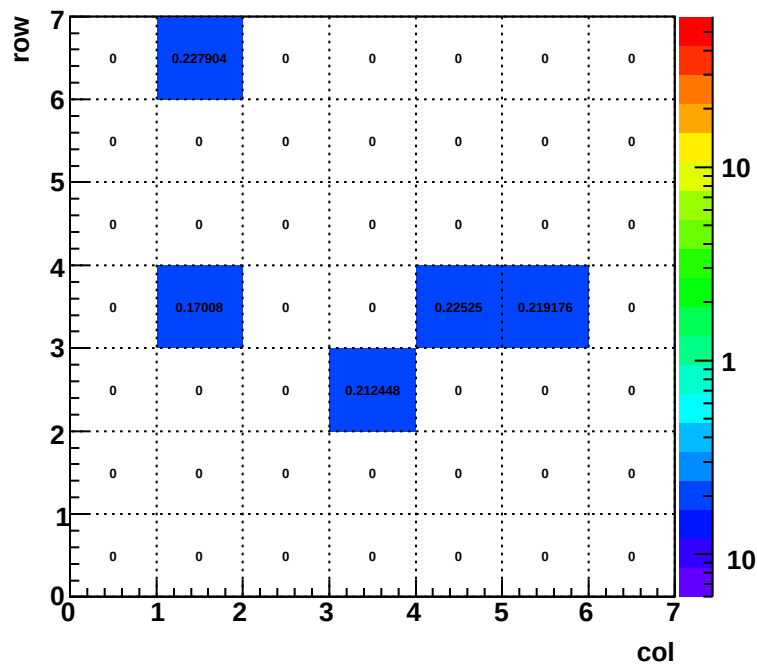
M12=0.620 Y12=-3.762 Phi12=0.006 E12=60.935

SumN(-) = 25 SumN(+)= 38 AN/6=0.344

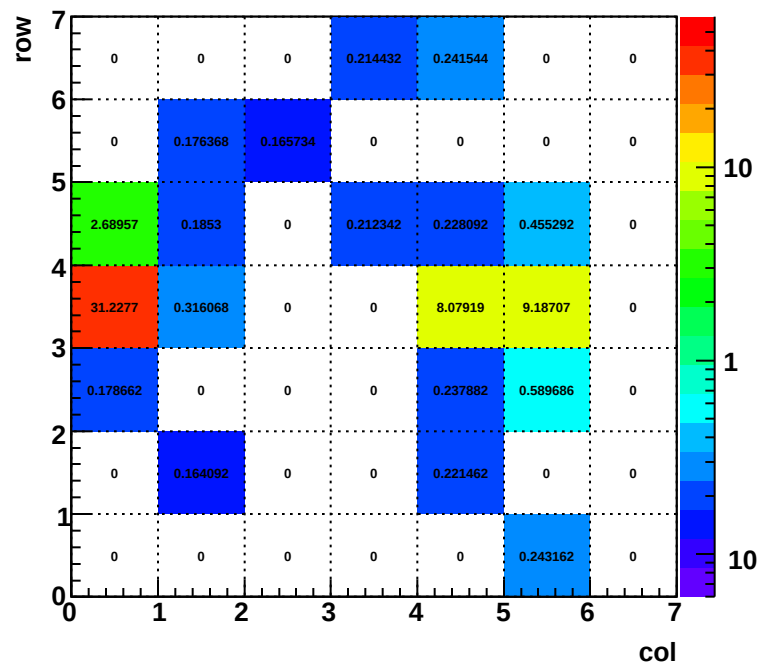
Running Yellow Spin Accumulation



North FPD



South FPD



64) Rnum=7119070 EventN=2504084 (2 Yd-N[-])

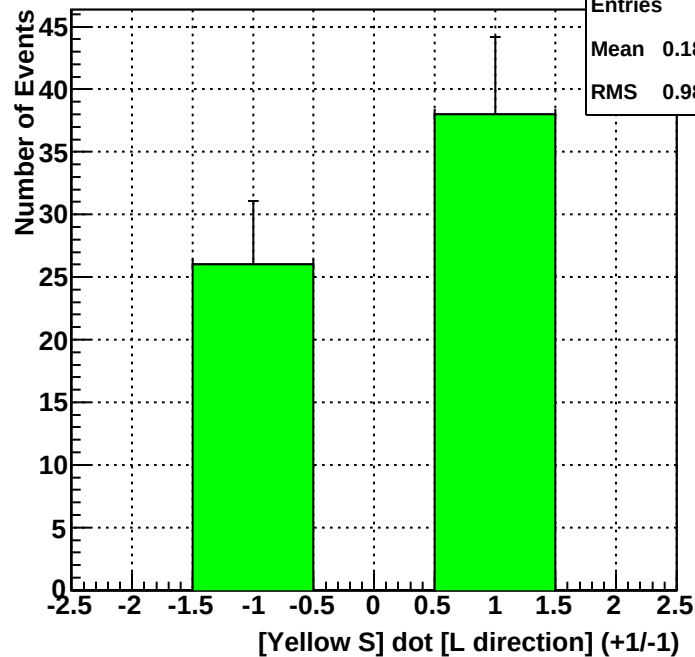
(1) Energy=34.259750 Y=-3.914996 Phi=0.128376

(2) Energy=27.682701 Y=-3.560526 Phi=0.006496

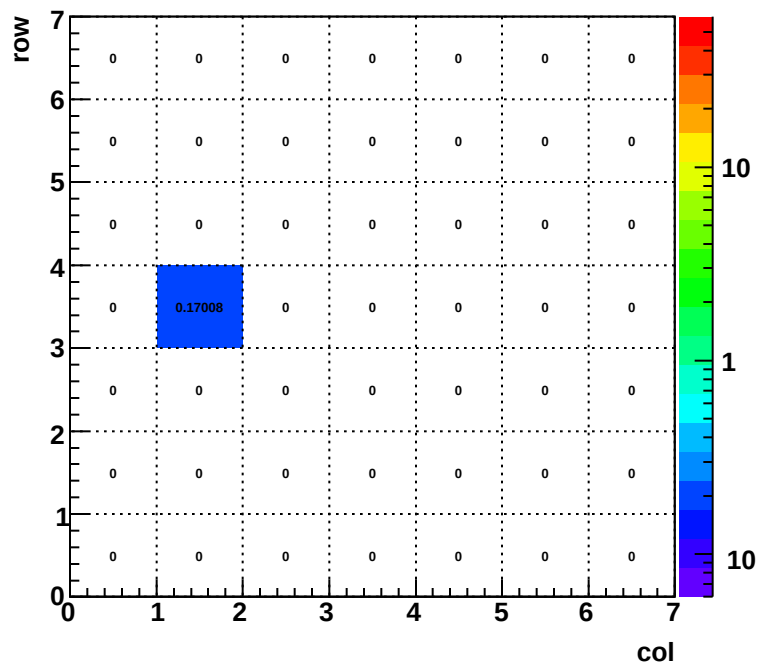
M12=0.552 Y12=-3.743 Phi12=0.063 E12=61.942

SumN(-) = 26 SumN(+)= 38 AN/6=0.312

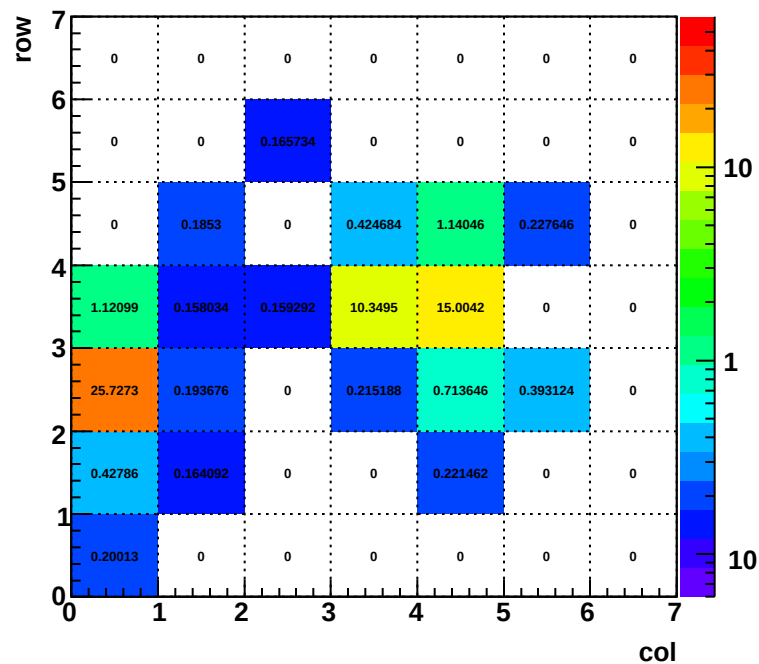
Running Yellow Spin Accumulation



North FPD



South FPD



65) Rnum=7119089 EventN=4106772 (1 Yu-S[-])

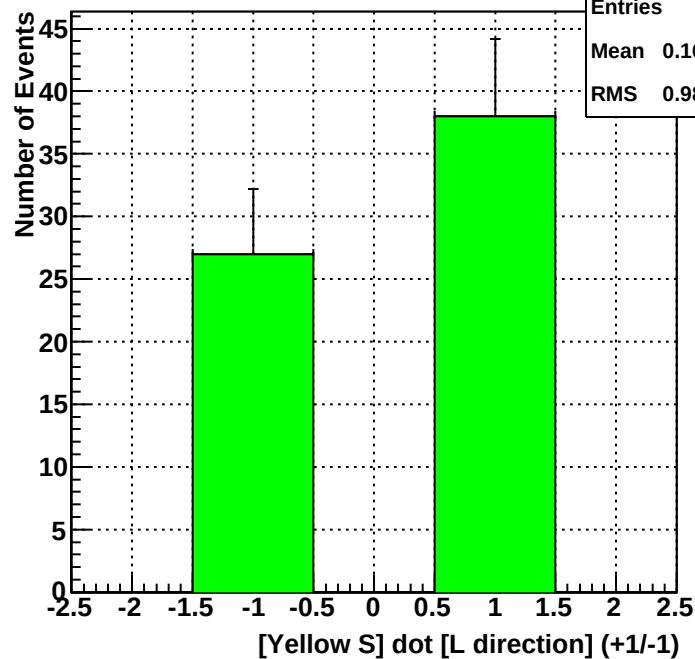
(1) Energy=38.431087 Y=-3.852159 Phi=2.996575

(2) Energy=21.709232 Y=-3.527003 Phi=3.113981

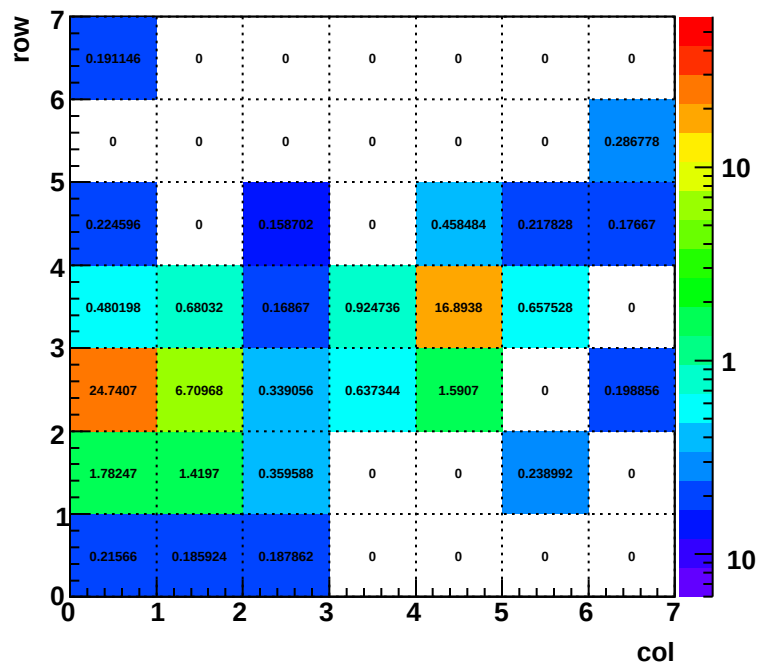
M12=0.501 Y12=-3.724 Phi12=3.048 E12=60.140

SumN(-) = 27 SumN(+) = 38 AN/.6=0.282

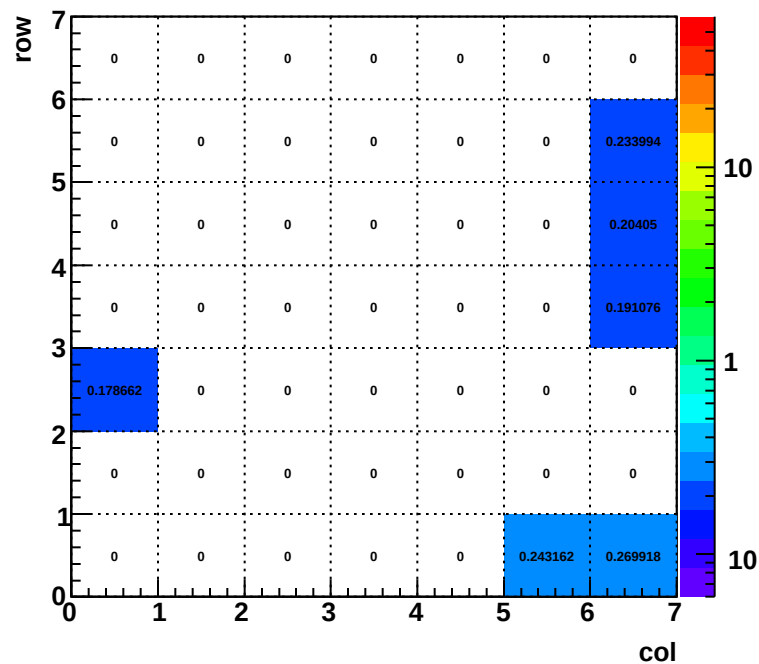
Running Yellow Spin Accumulation



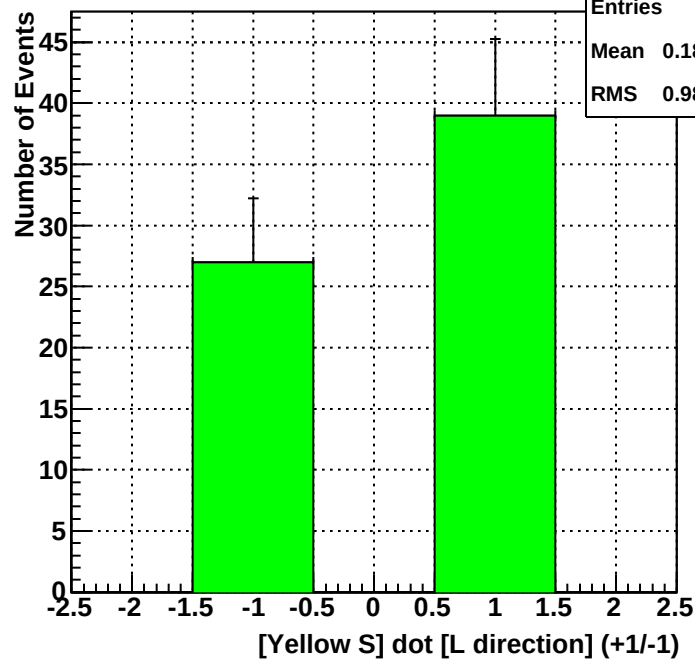
North FPD



South FPD



SumN(-) = 27 SumN(+)= 39 AN/.6=0.303



Entries	66
Mean	0.1818
RMS	0.9833

Heatmap visualization showing the results of a two-way ANOVA for the effect of row and column on the response variable. The x-axis is labeled 'col' (0-7) and the y-axis is labeled 'row' (0-7). A color scale on the right indicates values ranging from approximately -10 (dark blue/purple) to 10 (red), with major ticks at -10, -1, and 10.

row \ col	0	1	2	3	4	5	6	7
7	0.191146	0.455808	0.183598	0	0	0	0	
6	0.2109	1.82545	0.189132	0	0	0	0.286778	
5	2.02136	36.9208	1.11091	0	0	0	0	
4	0.480198	0.8504	0.16867	0	0	0	0	
3	0	0	0	0.212448	0	0	0.198856	
2	0	0	0	0.265714	0	0	0	
1	0	0.185924	1.12717	9.99408	0.179838	0	0	
0								

row

col

0.214432

0.233994

0.20405

0.191076

0.178662

0.269918

10

1

10

67) Rnum=7119091 EventN=3909417 (0 Yd-N[-])

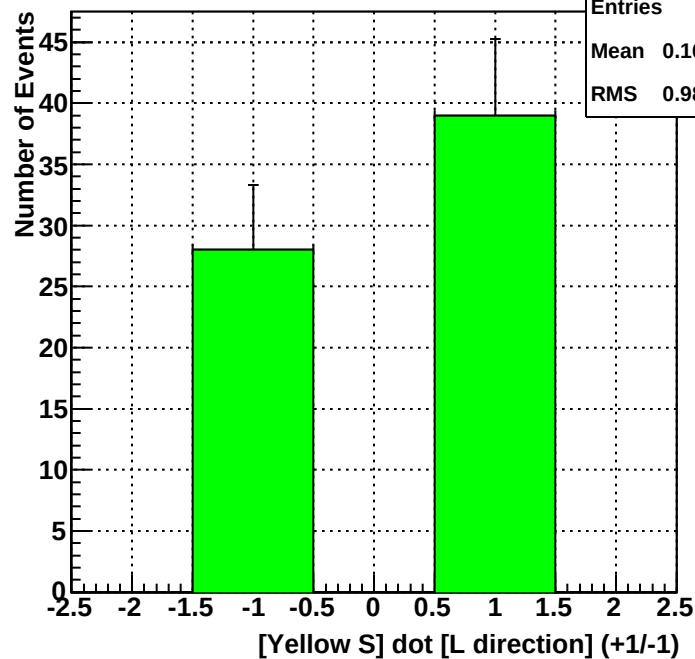
(1) Energy=40.420921 Y=-3.752619 Phi=-0.123613

(2) Energy=24.269341 Y=-3.446714 Phi=-0.003972

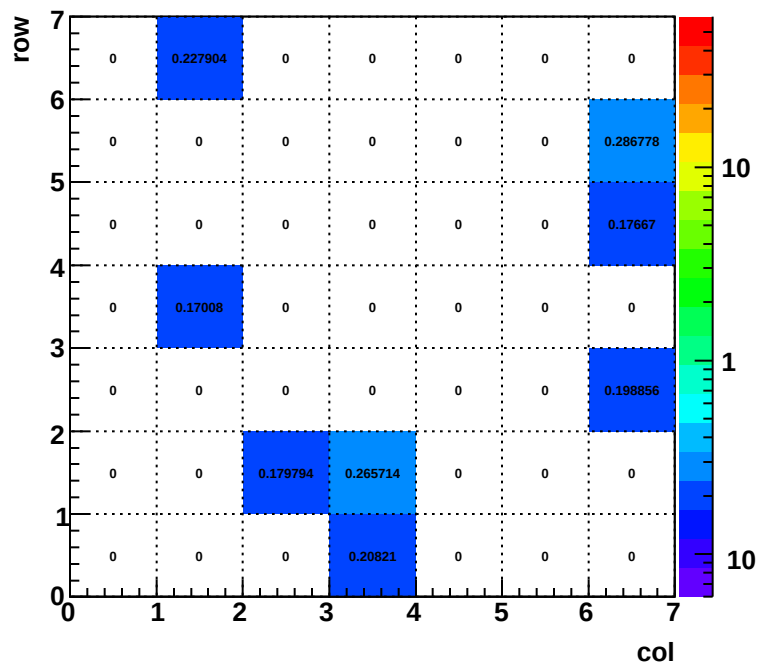
M12=0.564 Y12=-3.628 Phi12=-0.070 E12=64.690

SumN(-) = 28 SumN(+)= 39 AN/6=0.274

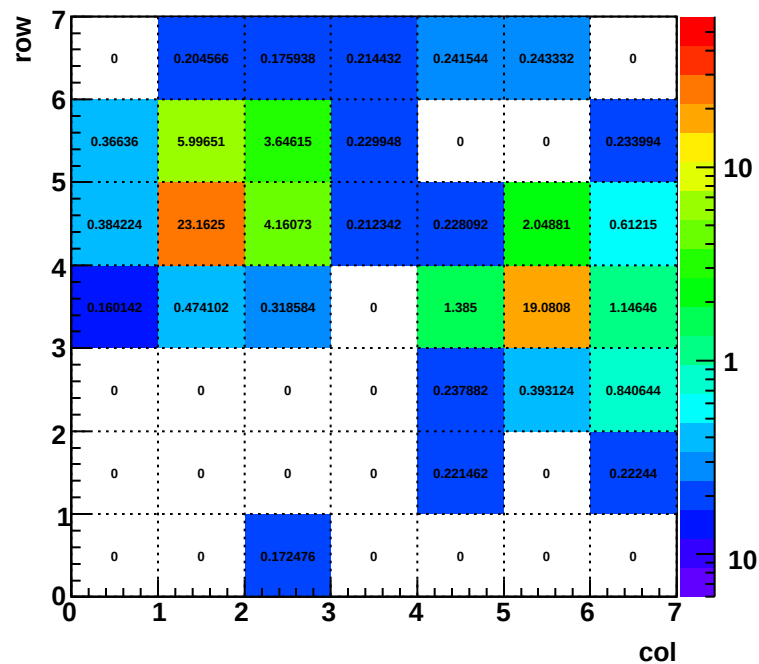
Running Yellow Spin Accumulation



North FPD



South FPD



68) Rnum=7119091 EventN=2609526 (3 Yu-S[-])

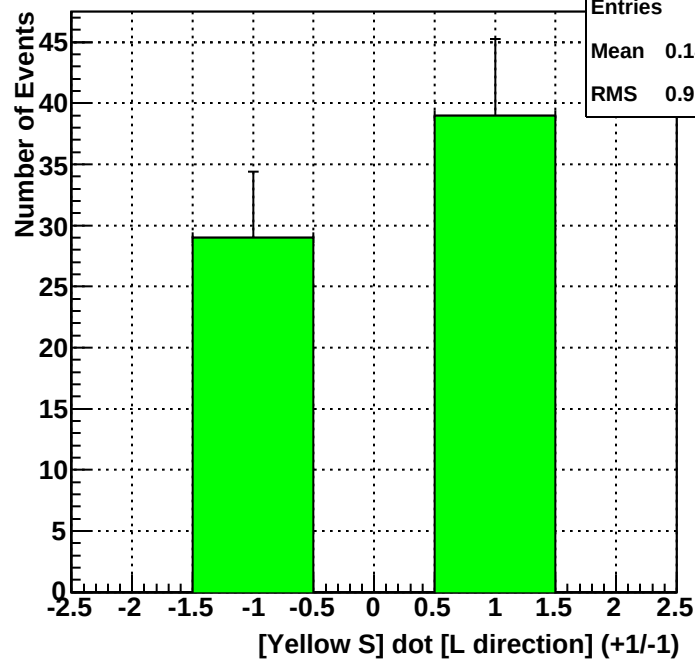
(1) Energy=46.365314 Y=-3.594609 Phi=-2.998849

(2) Energy=20.637297 Y=-3.838467 Phi=3.022140

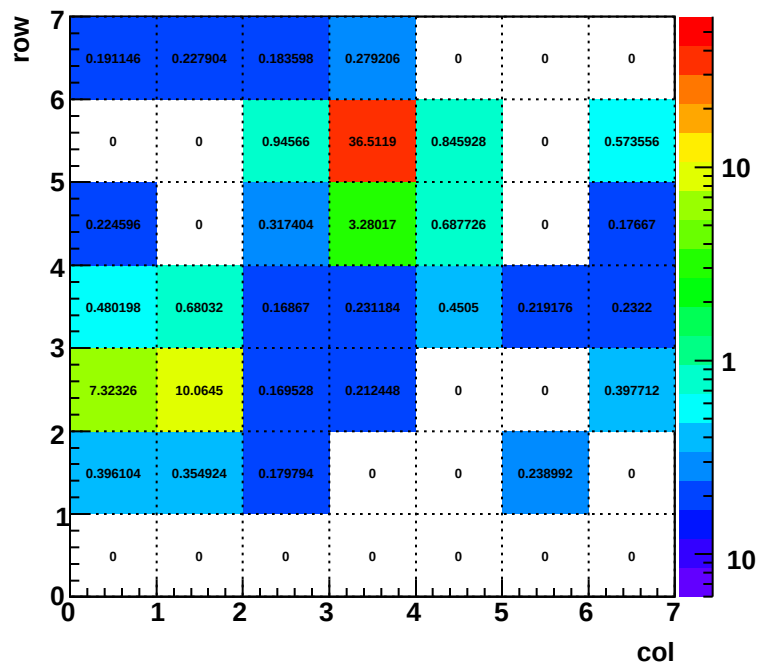
M12=0.538 Y12=-3.670 Phi12=-3.066 E12=67.003

SumN(-) = 29 SumN(+) = 39 AN/.6=0.245

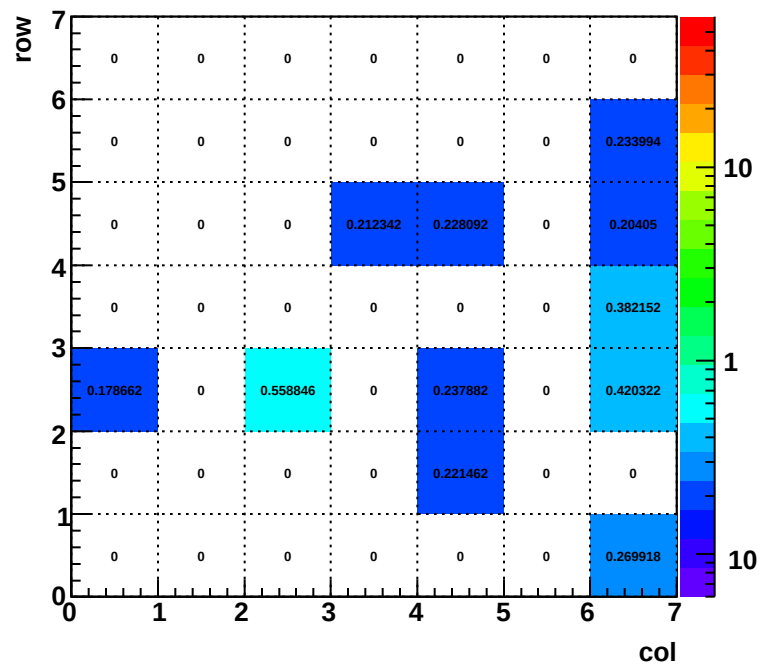
Running Yellow Spin Accumulation



North FPD



South FPD



69) Rnum=7128002 EventN=1503008 (1 Yu-S[-])

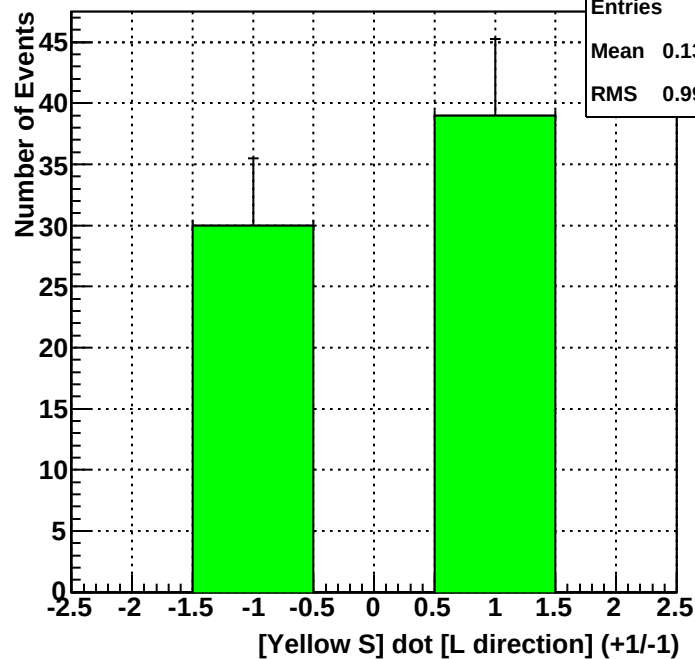
(1) Energy=24.215376 Y=-3.738717 Phi=2.816317

(2) Energy=37.057137 Y=-3.739584 Phi=-3.030378

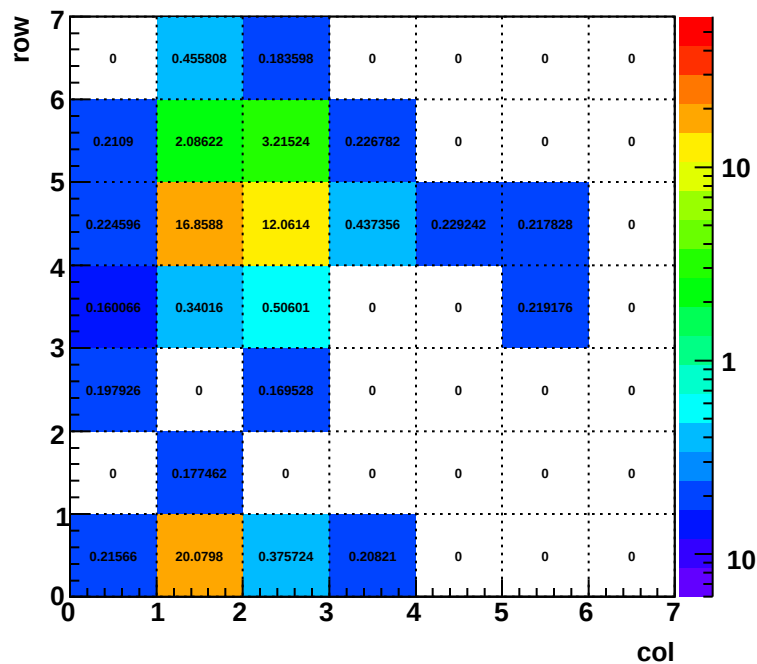
M12=0.617 Y12=-3.762 Phi12=3.081 E12=61.273

SumN(-) = 30 SumN(+)= 39 AN/6=0.217

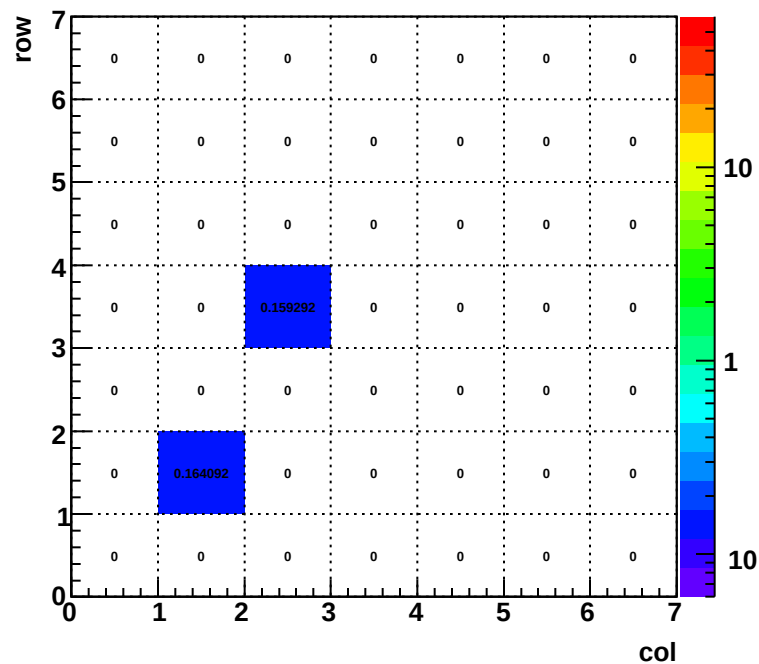
Running Yellow Spin Accumulation



North FPD



South FPD



70) Rnum=7128005 EventN=9909518 (0 Yd-S[+])

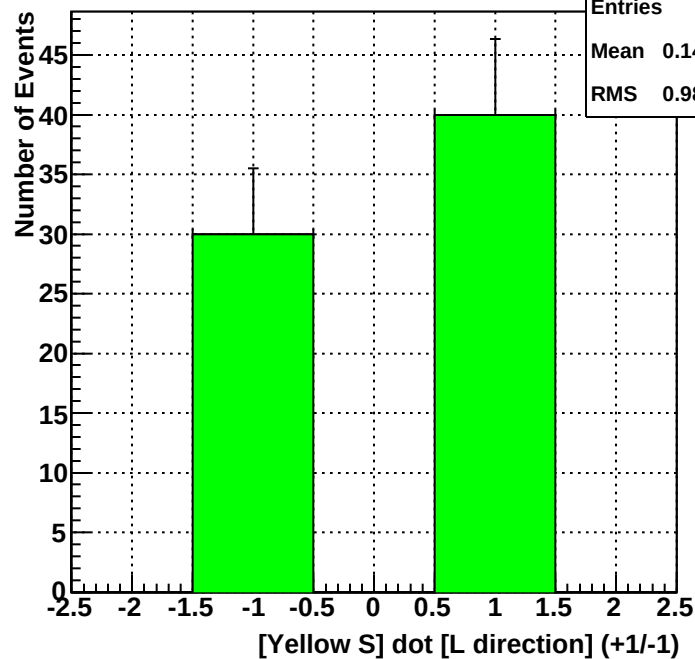
(1) Energy=48.133202 Y=-3.902024 Phi=3.086177

(2) Energy=15.888704 Y=-3.488375 Phi=3.108283

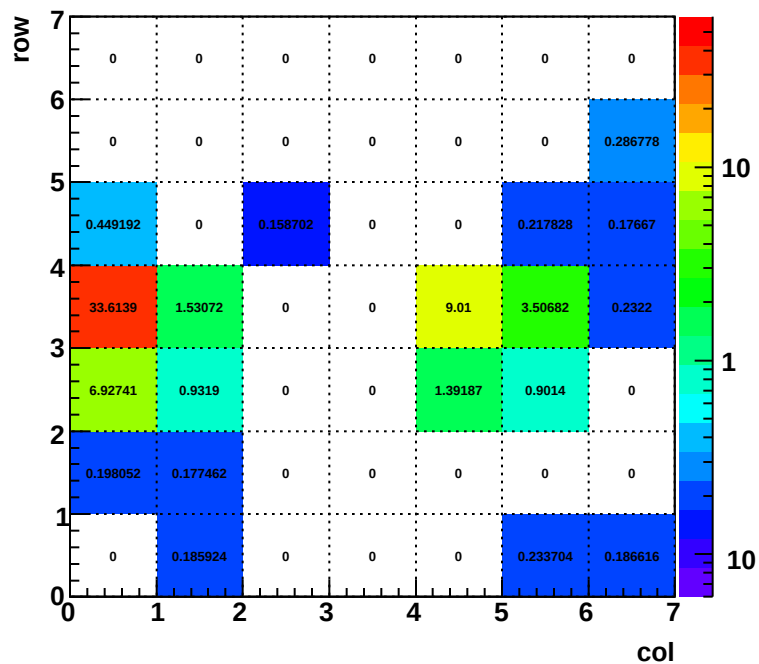
M12=0.573 Y12=-3.782 Phi12=3.094 E12=64.022

SumN(-) = 30 SumN(+) = 40 AN/.6=0.238

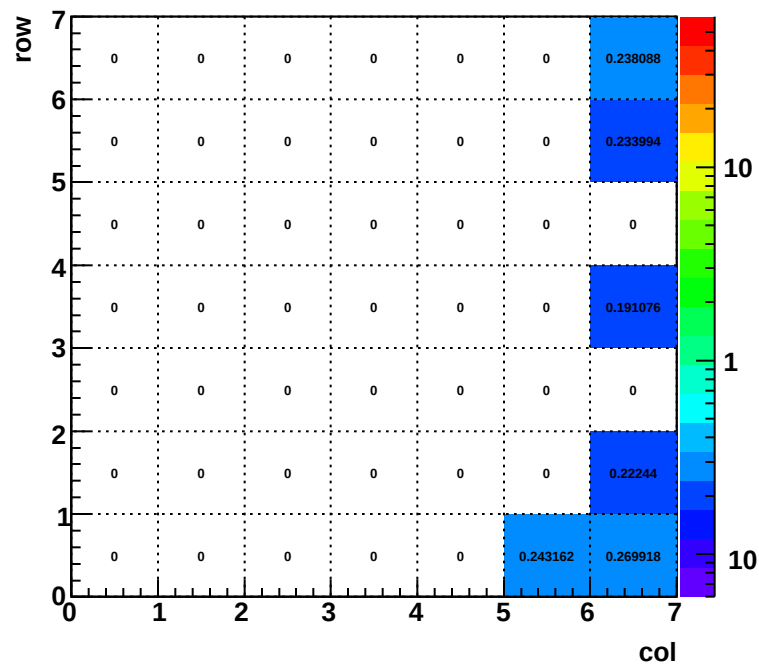
Running Yellow Spin Accumulation



North FPD



South FPD



71) Rnum=7128005 EventN=2501410 (0 Yd-S[+])

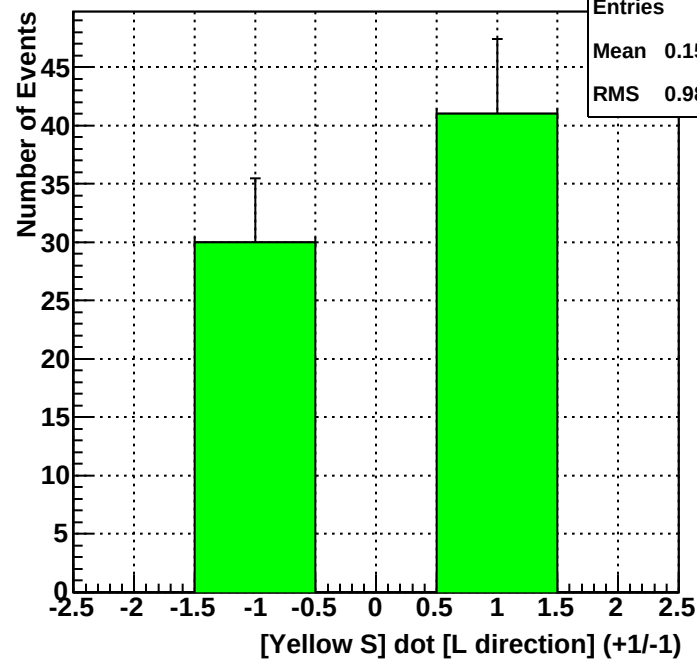
(1) Energy=38.428852 Y=-3.573911 Phi=3.065300

(2) Energy=26.695185 Y=-3.858870 Phi=2.877414

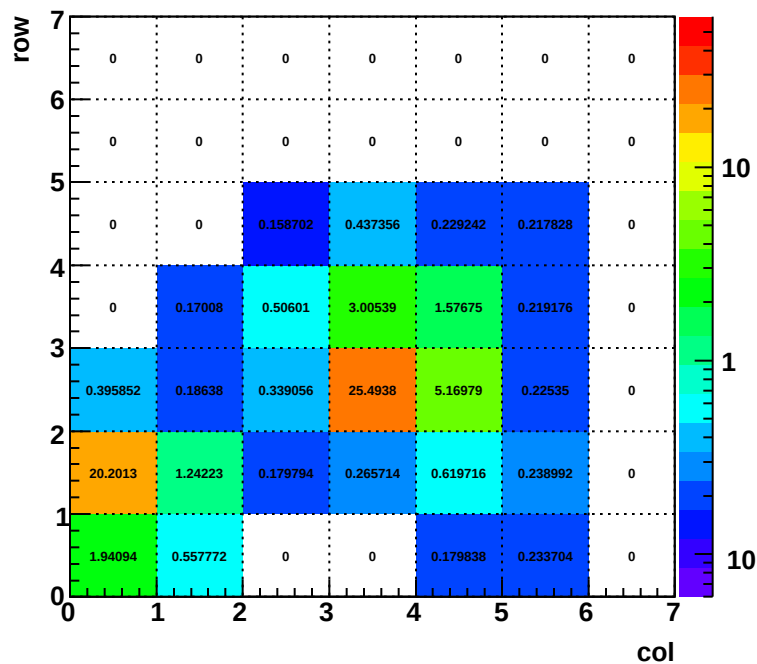
M12=0.532 Y12=-3.685 Phi12=3.001 E12=65.124

SumN(-) = 30 SumN(+) = 41 AN/.6=0.258

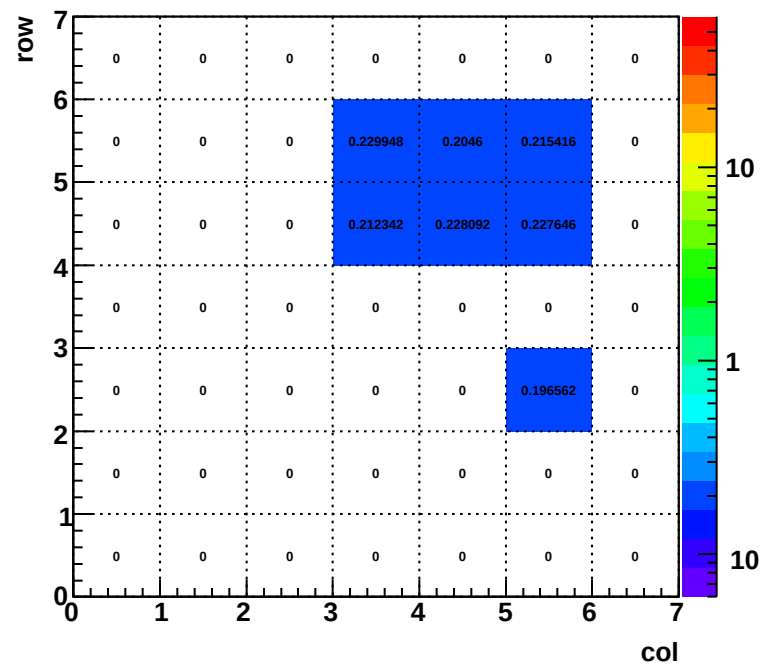
Running Yellow Spin Accumulation



North FPD



South FPD



72) Rnum=7128008 EventN=907785 (1 Yu-S[-])

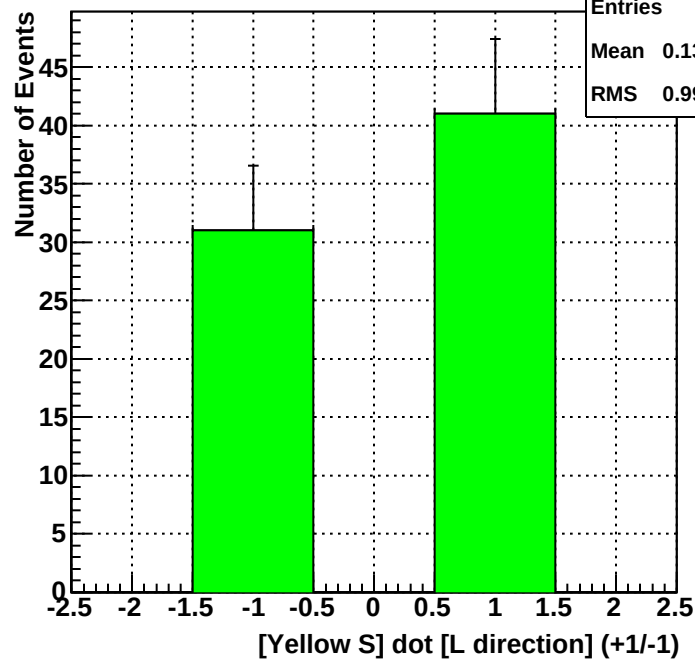
(1) Energy=32.594837 Y=-3.917413 Phi=3.101316

(2) Energy=28.384361 Y=-3.595252 Phi=-2.973522

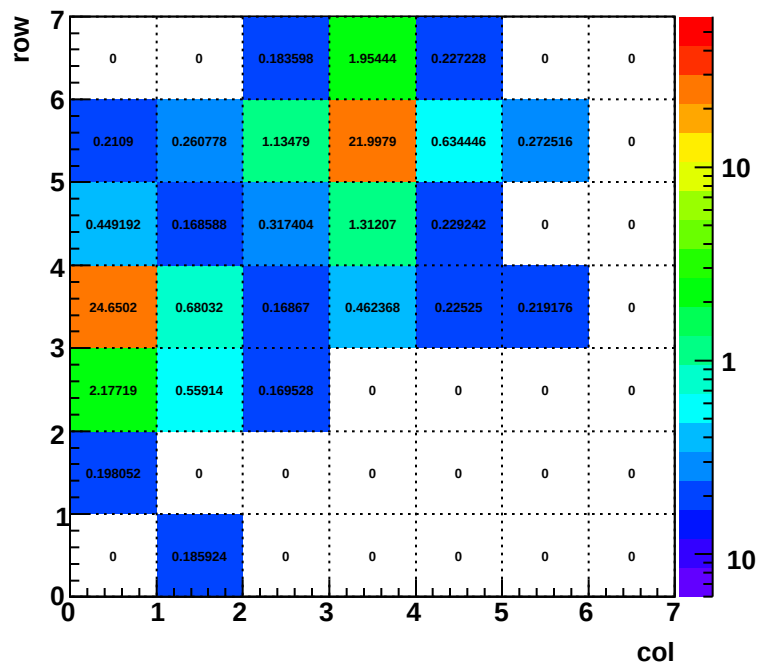
M12=0.547 Y12=-3.760 Phi12=-3.068 E12=60.979

SumN(-) = 31 SumN(+) = 41 AN/6=0.231

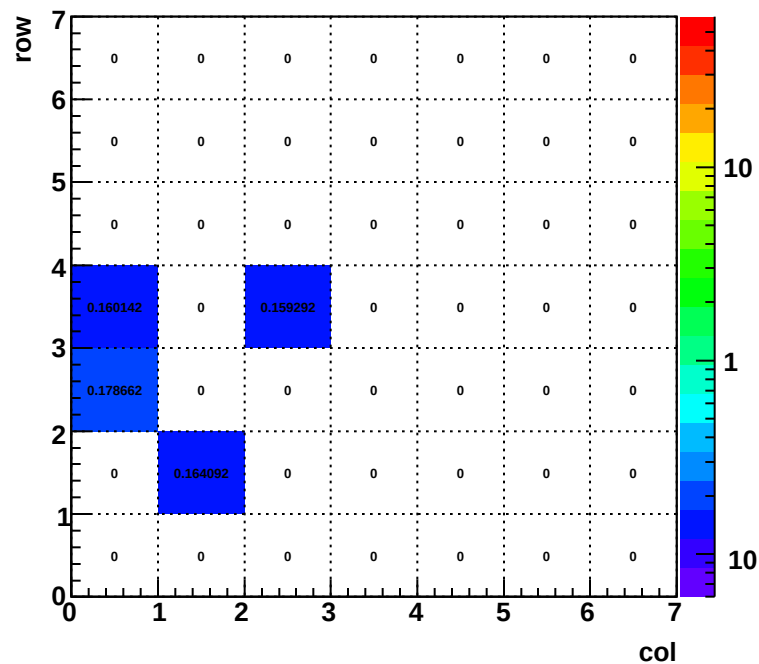
Running Yellow Spin Accumulation



North FPD



South FPD



73) Rnum=7128013 EventN=3601543 (1 Yu-N[+])

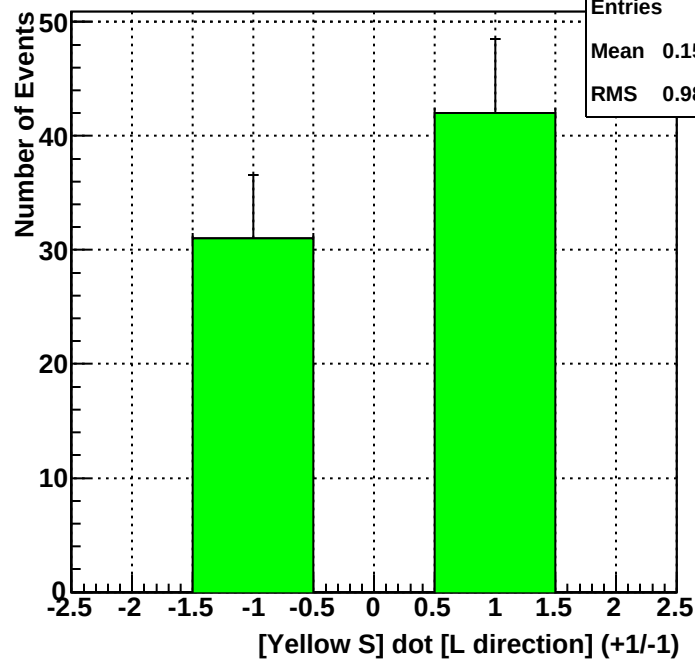
(1) Energy=29.050901 Y=-3.893836 Phi=-0.220642

(2) Energy=35.988583 Y=-3.644357 Phi=0.068907

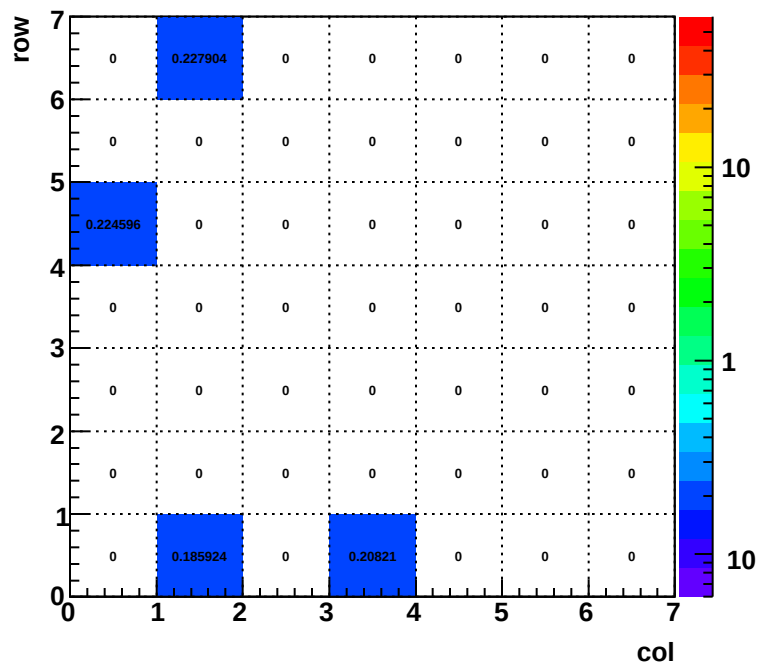
M12=0.569 Y12=-3.758 Phi12=-0.043 E12=65.039

SumN(-) = 31 SumN(+)= 42 AN/6=0.251

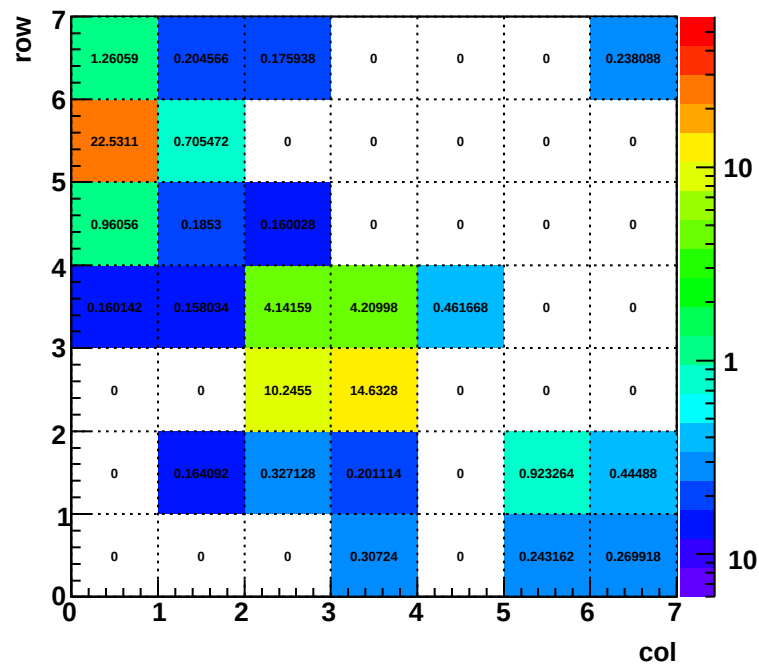
Running Yellow Spin Accumulation



North FPD



South FPD



74) Rnum=7128022 EventN=2102688 (3 Yu-N[+])

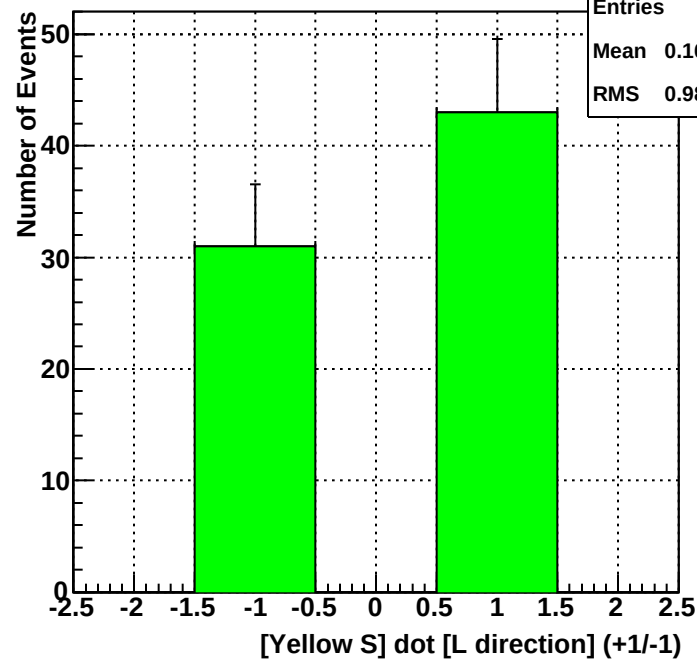
(1) Energy=38.949463 Y=-3.840144 Phi=0.063859

(2) Energy=21.831636 Y=-3.544851 Phi=-0.146708

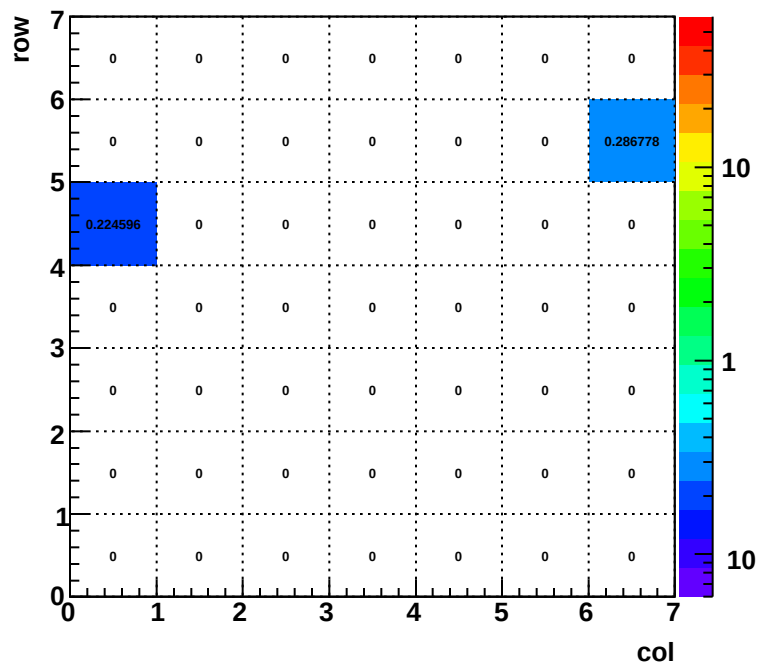
M12=0.528 Y12=-3.729 Phi12=-0.027 E12=60.781

SumN(-) = 31 SumN(+)= 43 AN/6=0.270

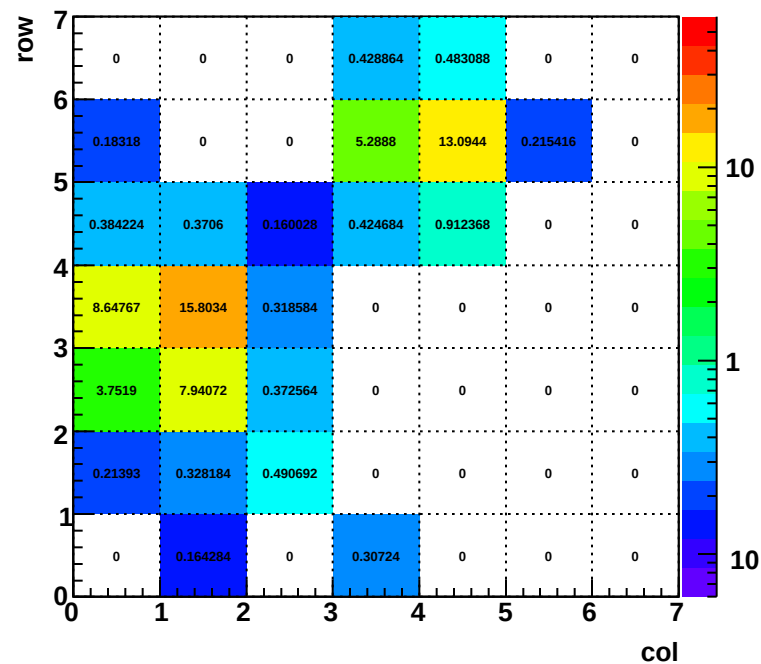
Running Yellow Spin Accumulation



North FPD



South FPD



75) Rnum=7128023 EventN=5903863 (1 Yu-N[+])

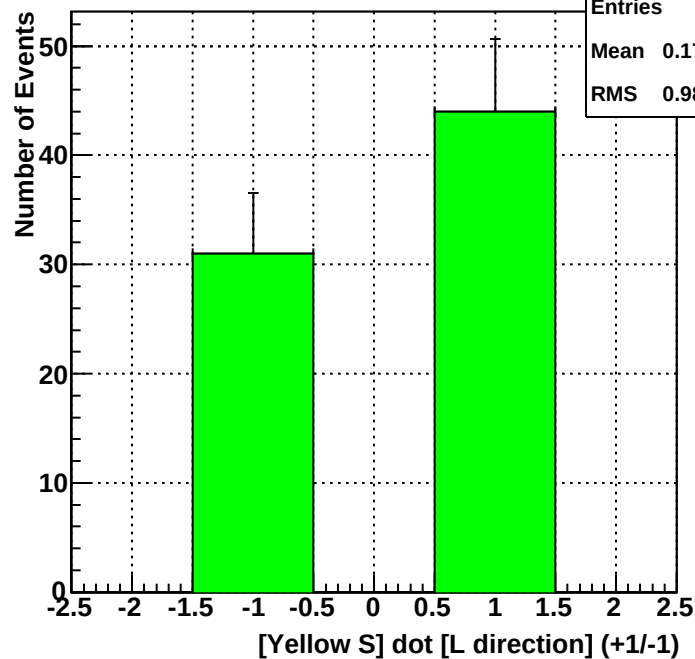
(1) Energy=30.388742 Y=-3.503871 Phi=-0.160164

(2) Energy=32.220333 Y=-3.871822 Phi=-0.074068

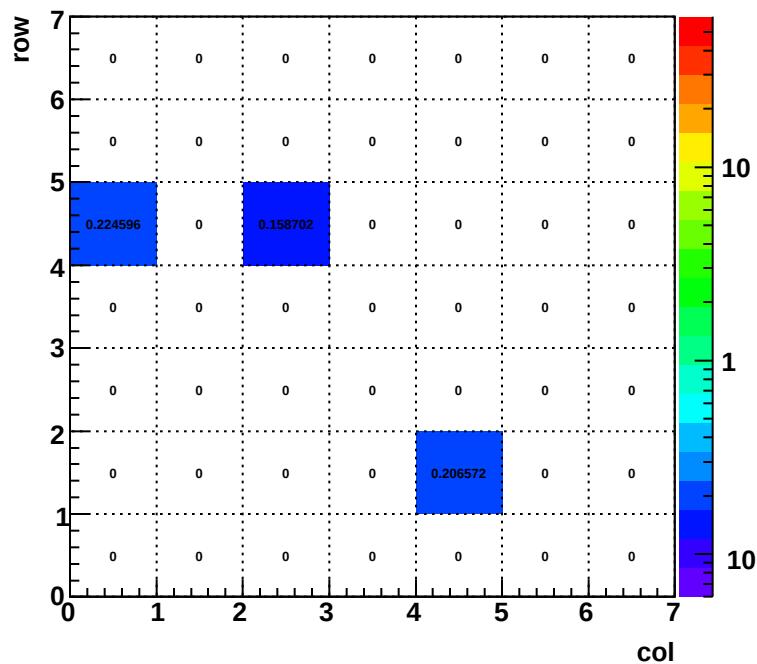
M12=0.595 Y12=-3.677 Phi12=-0.124 E12=62.609

SumN(-) = 31 SumN(+)= 44 AN/.6=0.289

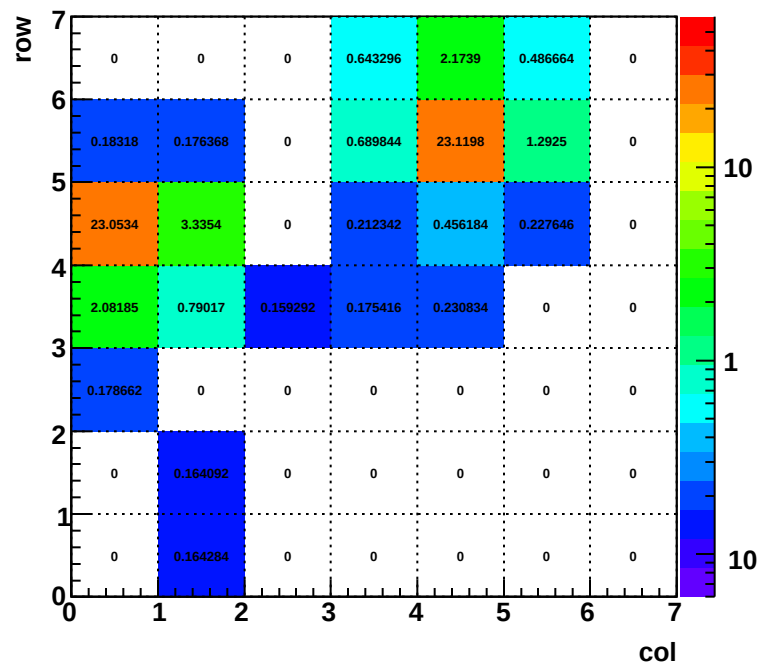
Running Yellow Spin Accumulation



North FPD



South FPD



76) Rnum=7128025 EventN=3009166 (1 Yu-N[+])

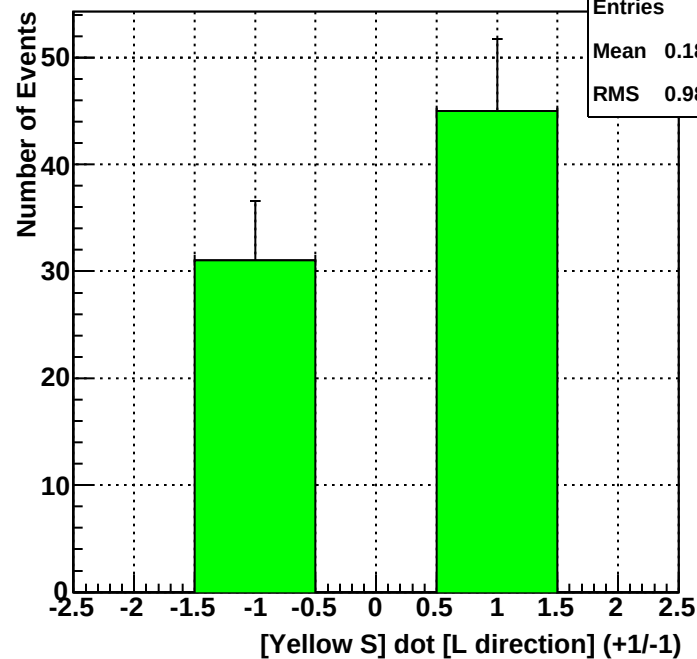
(1) Energy=34.093613 Y=-3.927809 Phi=0.091165

(2) Energy=27.865784 Y=-3.558339 Phi=-0.031917

M12=0.571 Y12=-3.747 Phi12=0.024 E12=61.959

SumN(-) = 31 SumN(+)= 45 AN/6=0.307

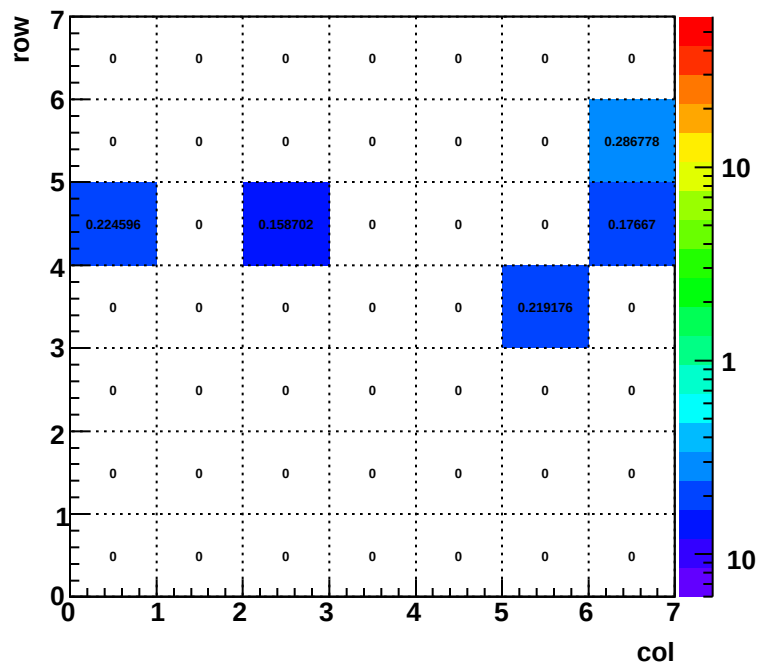
Running Yellow Spin Accumulation



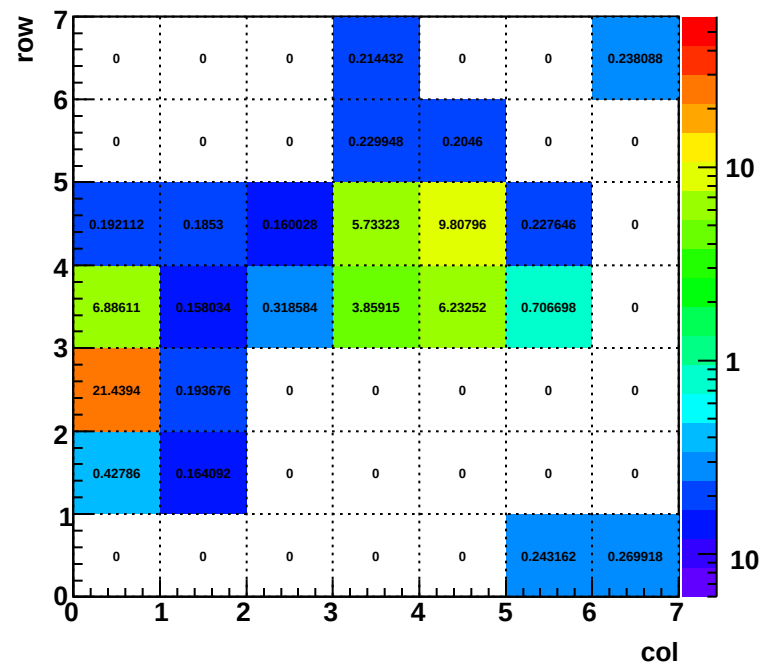
spcntH

Entries 76
Mean 0.1842
RMS 0.9829

North FPD



South FPD



77) Rnum=7128027 EventN=201790 (0 Yd-N[-])

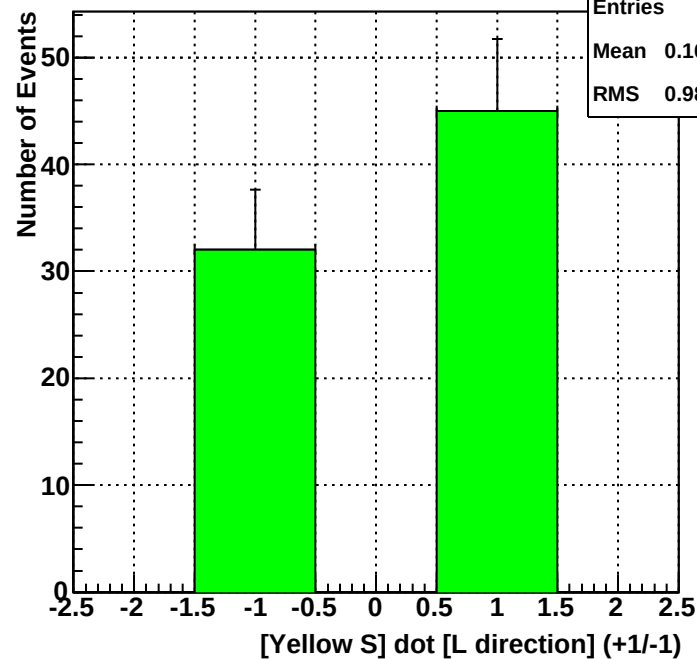
(1) Energy=39.919739 Y=-3.723190 Phi=-0.003173

(2) Energy=20.264679 Y=-3.412373 Phi=0.092166

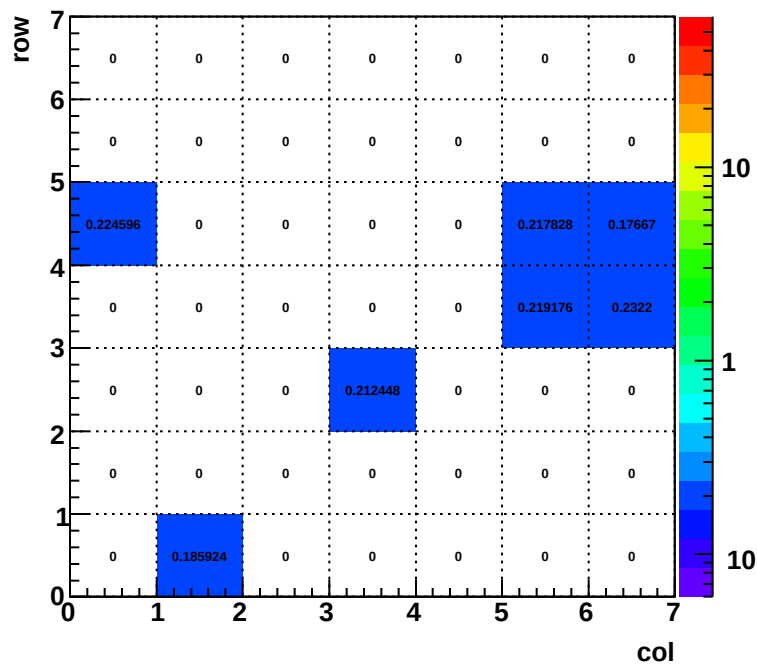
M12=0.523 Y12=-3.609 Phi12=0.036 E12=60.184

SumN(-) = 32 SumN(+) = 45 AN/6=0.281

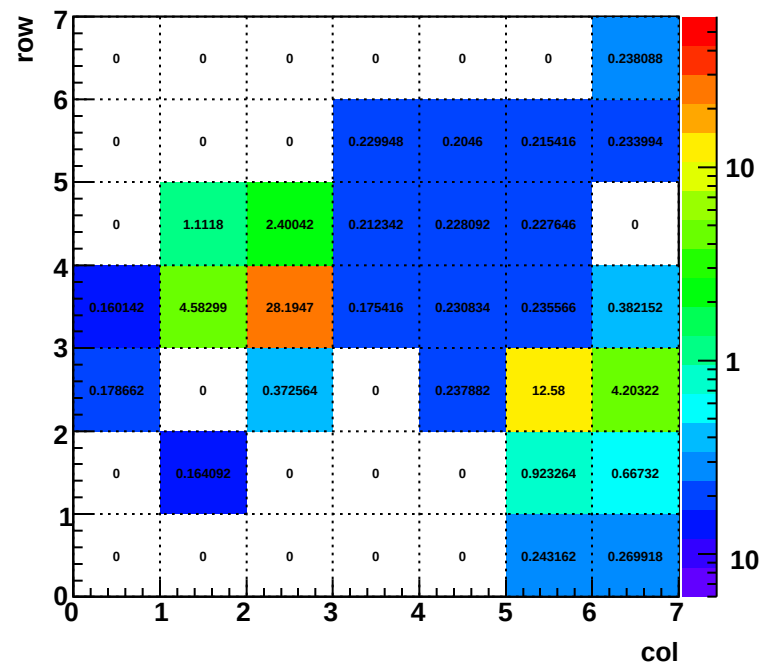
Running Yellow Spin Accumulation



North FPD



South FPD



78) Rnum=7128028 EventN=6304623 (2 Yd-S[+])

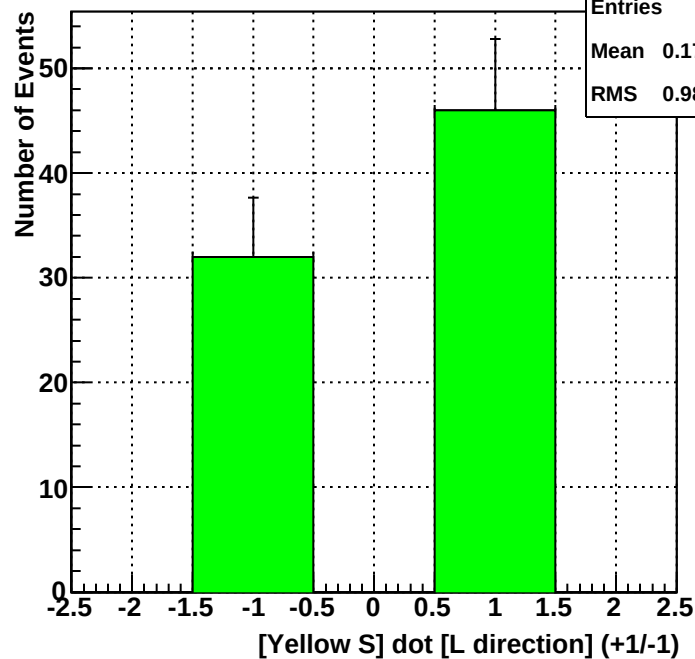
(1) Energy=49.872009 Y=-3.667924 Phi=3.028424

(2) Energy=14.175198 Y=-3.403012 Phi=-3.013138

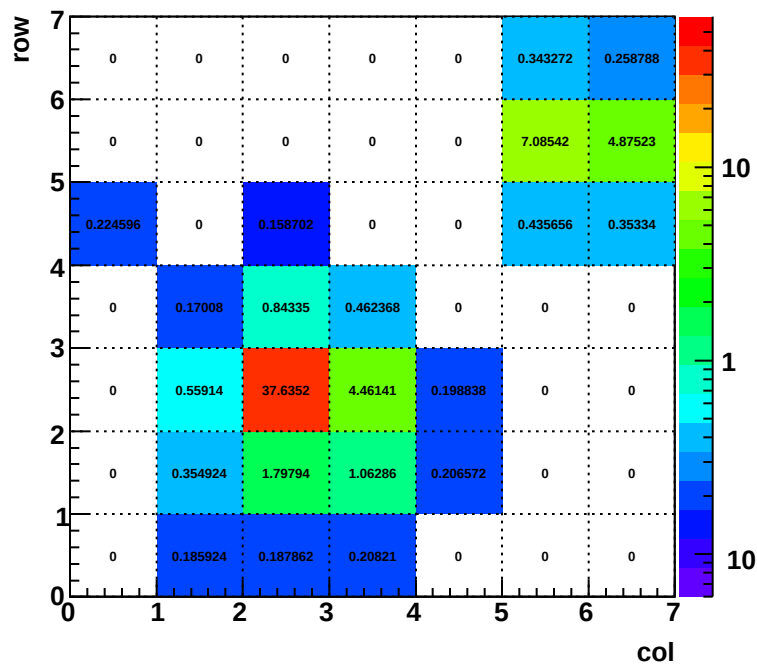
M12=0.555 Y12=-3.609 Phi12=3.094 E12=64.047

SumN(-) = 32 SumN(+) = 46 AN/6=0.299

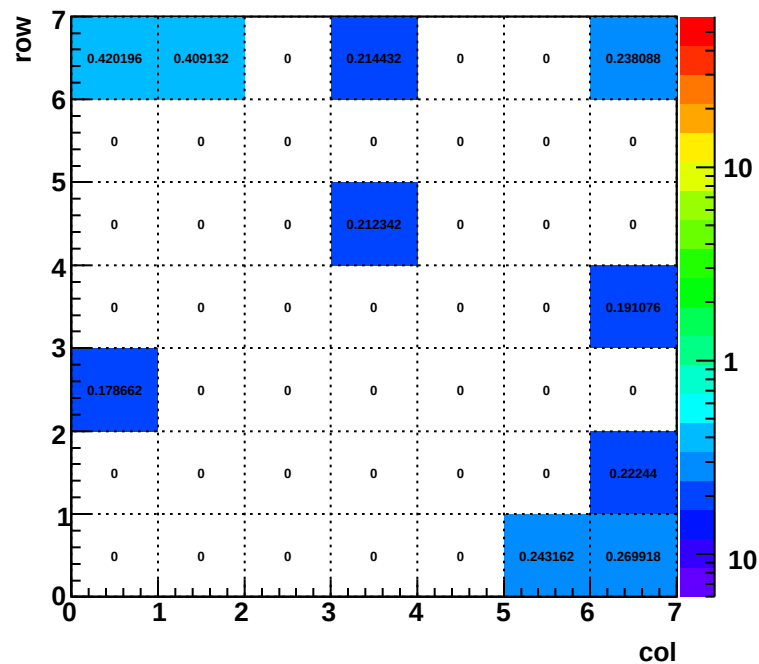
Running Yellow Spin Accumulation



North FPD



South FPD



79) Rnum=7128032 EventN=3501691 (3 Yu-S[-])

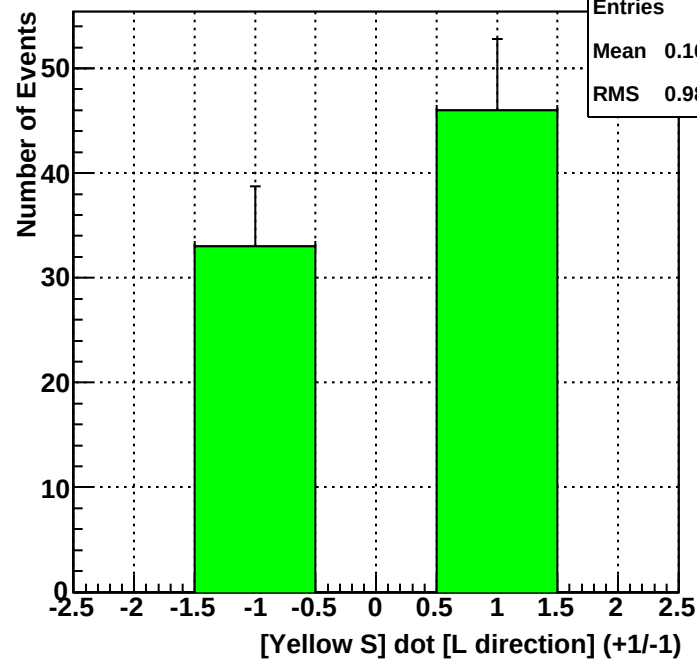
(1) Energy=30.431067 Y=-3.393700 Phi=3.126742

(2) Energy=32.685276 Y=-3.692071 Phi=3.091499

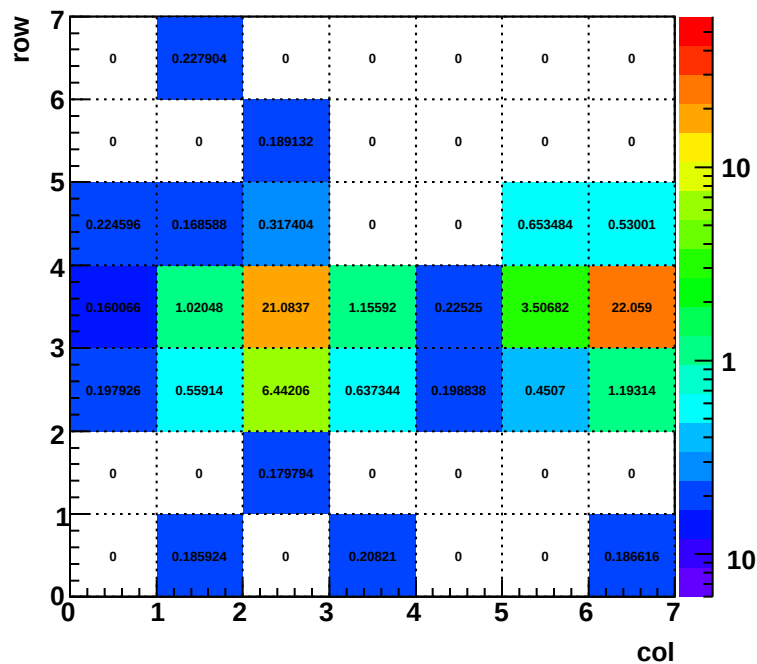
M12=0.550 Y12=-3.537 Phi12=3.111 E12=63.116

SumN(-) = 33 SumN(+)= 46 AN/.6=0.274

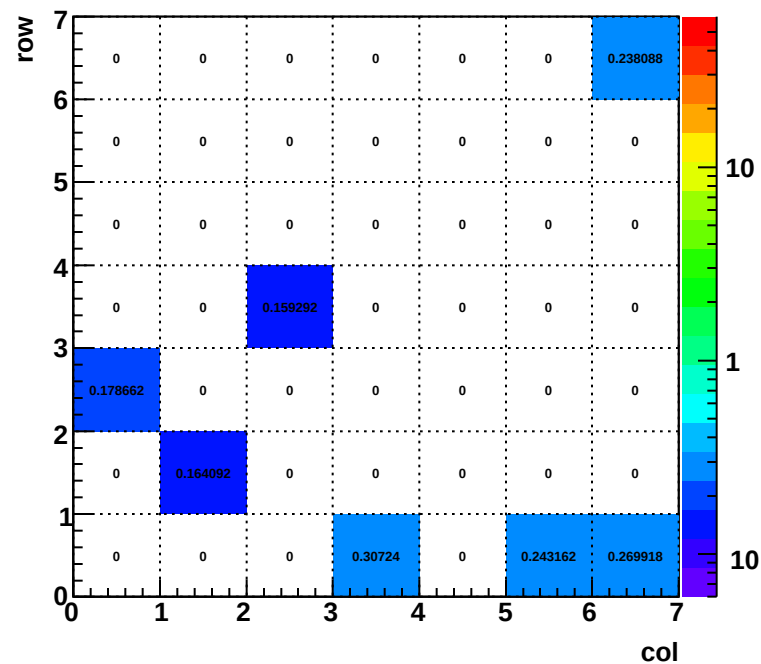
Running Yellow Spin Accumulation



North FPD



South FPD



80) Rnum=7128032 EventN=4107252 (2 Yd-S[+])

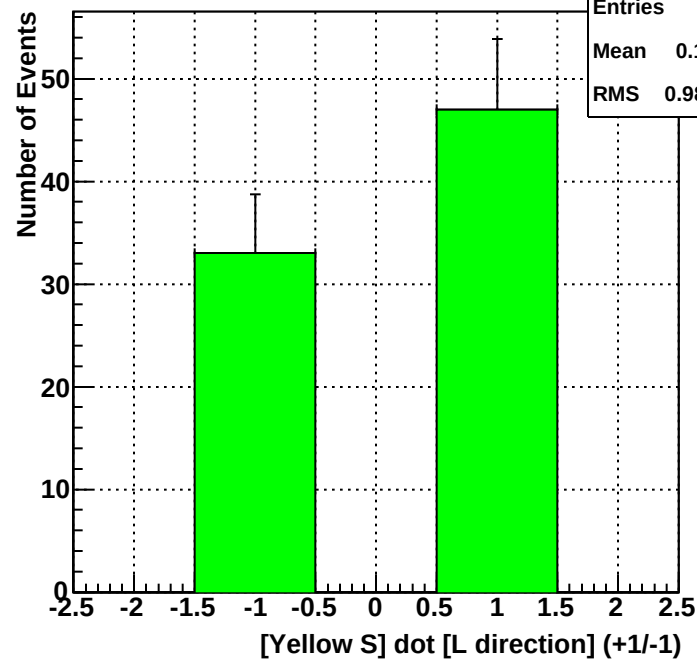
(1) Energy=34.603687 Y=-3.730742 Phi=3.030269

(2) Energy=25.784996 Y=-3.710855 Phi=-2.904455

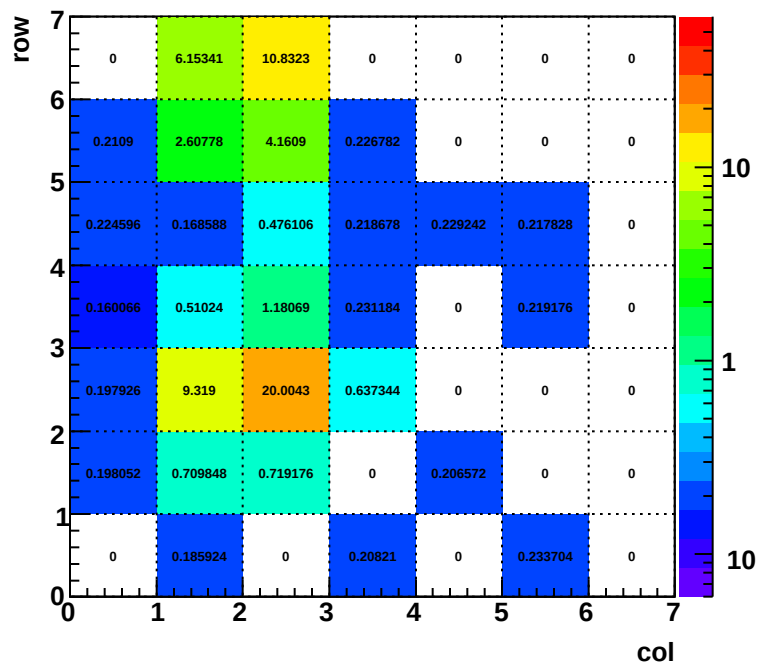
M12=0.502 Y12=-3.737 Phi12=-3.103 E12=60.389

SumN(-) = 33 SumN(+)= 47 AN/.6=0.292

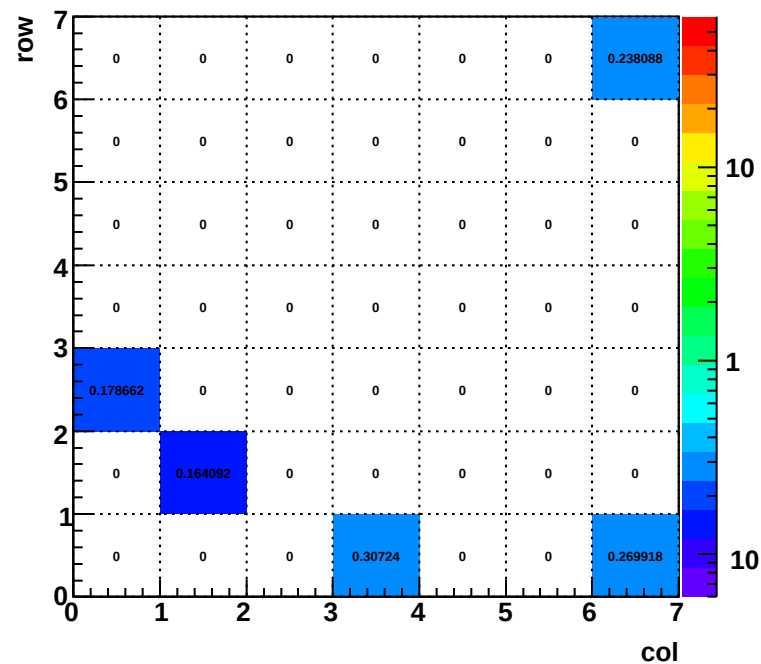
Running Yellow Spin Accumulation



North FPD



South FPD



81) Rnum=7128046 EventN=106969 (3 Yu-S[-])

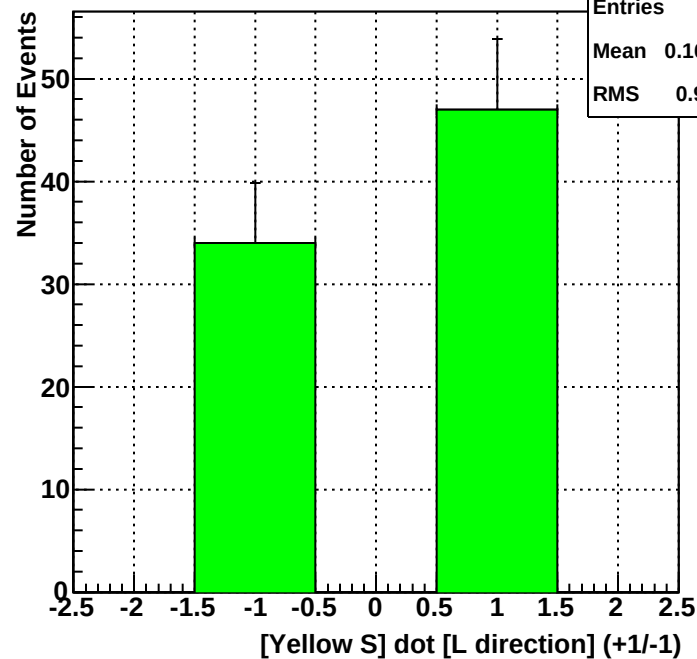
(1) Energy=31.630121 Y=-3.671028 Phi=2.929936

(2) Energy=31.786894 Y=-3.726334 Phi=-2.984487

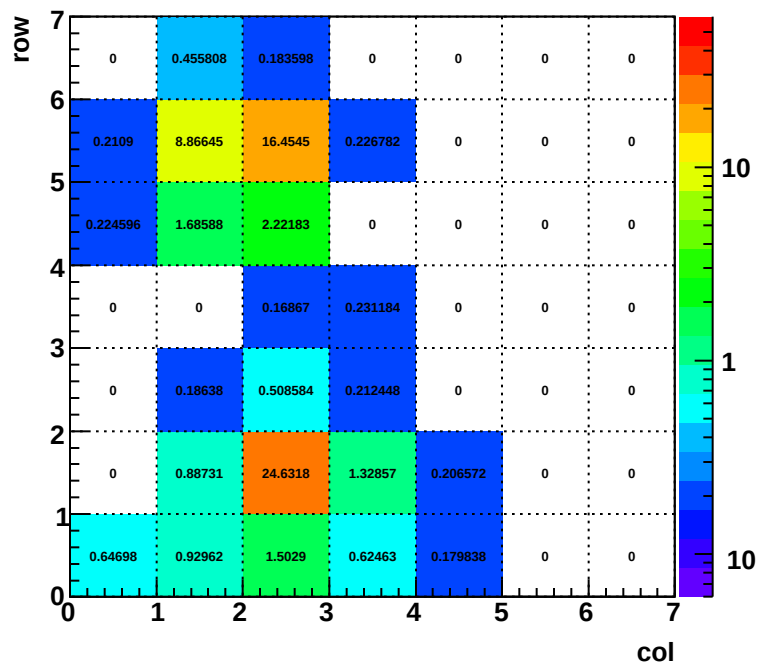
M12=0.582 Y12=-3.715 Phi12=3.110 E12=63.417

SumN(-) = 34 SumN(+)= 47 AN/.6=0.267

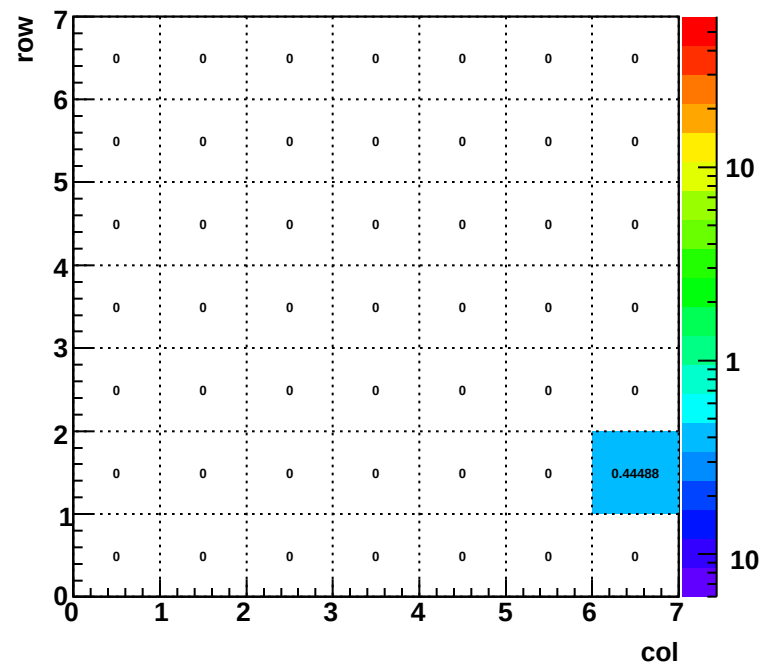
Running Yellow Spin Accumulation



North FPD



South FPD



82) Rnum=7128047 EventN=306281 (1 Yu-N[+])

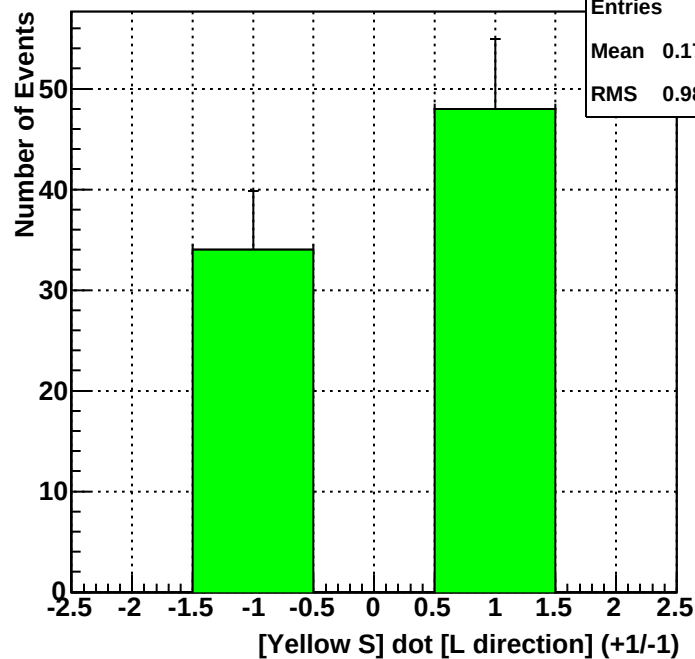
(1) Energy=40.268448 Y=-3.714959 Phi=-0.175530

(2) Energy=23.144289 Y=-3.858281 Phi=0.231515

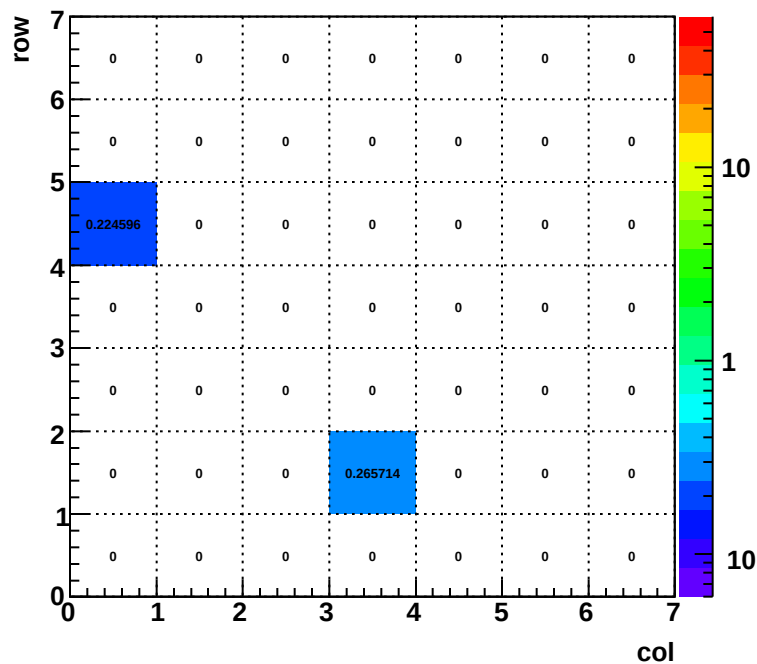
M12=0.593 Y12=-3.783 Phi12=-0.041 E12=63.413

SumN(-) = 34 SumN(+)= 48 AN/.6=0.285

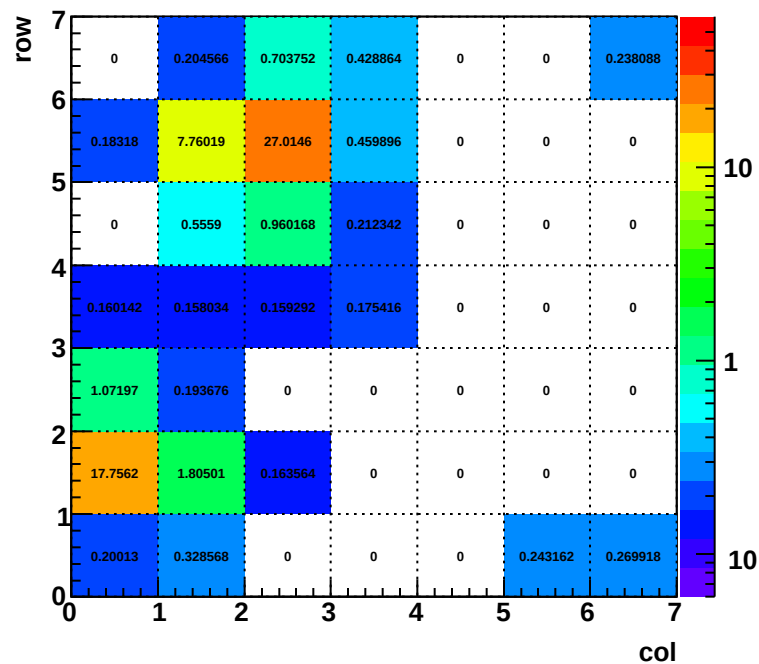
Running Yellow Spin Accumulation



North FPD



South FPD



83) Rnum=7128048 EventN=2302686 (1 Yu-S[-])

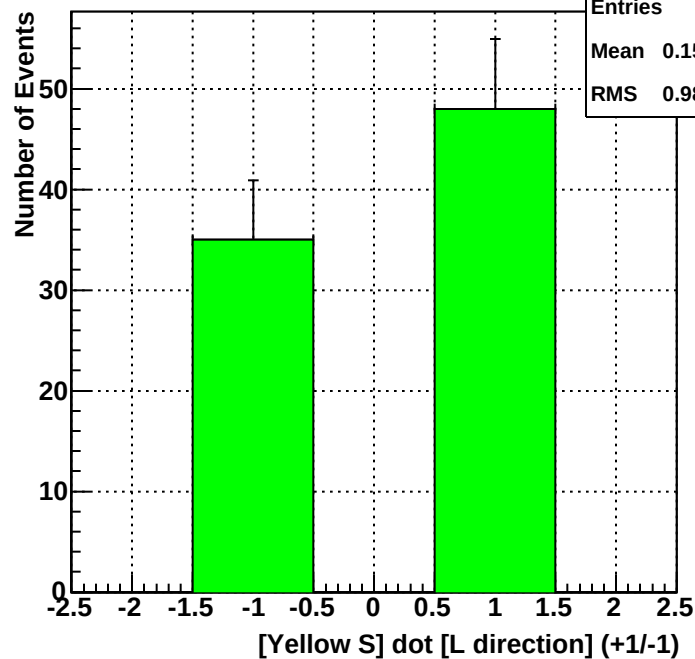
(1) Energy=47.141273 Y=-3.720142 Phi=2.923309

(2) Energy=17.350039 Y=-3.501870 Phi=-3.074985

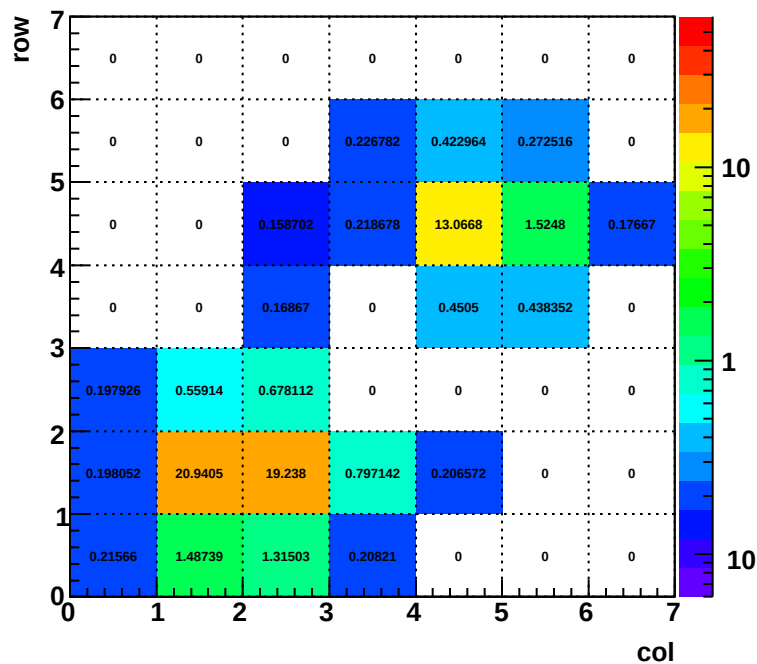
M12=0.553 Y12=-3.665 Phi12=3.012 E12=64.491

SumN(-) = 35 SumN(+) = 48 AN/6=0.261

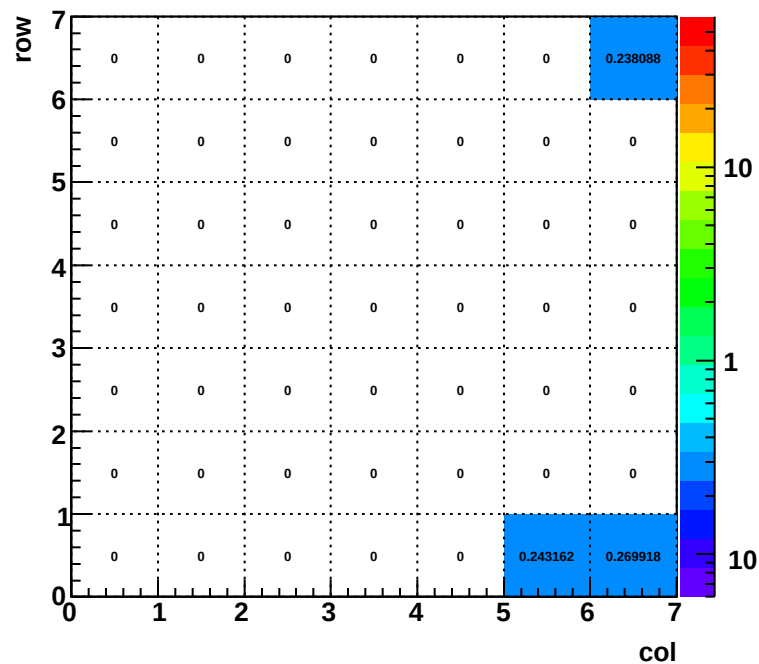
Running Yellow Spin Accumulation



North FPD



South FPD



84) Rnum=7128048 EventN=2409755 (1 Yu-S[-])

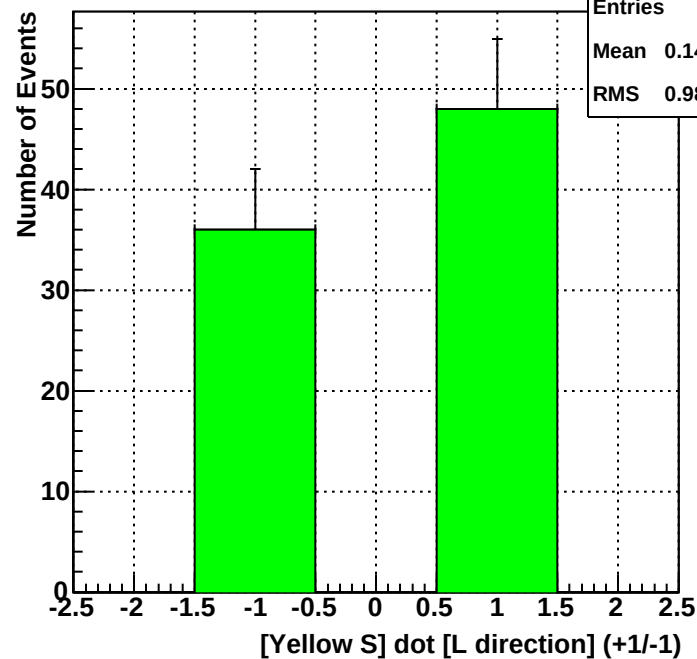
(1) Energy=42.118061 Y=-3.782000 Phi=-3.071862

(2) Energy=19.643122 Y=-3.447171 Phi=2.999981

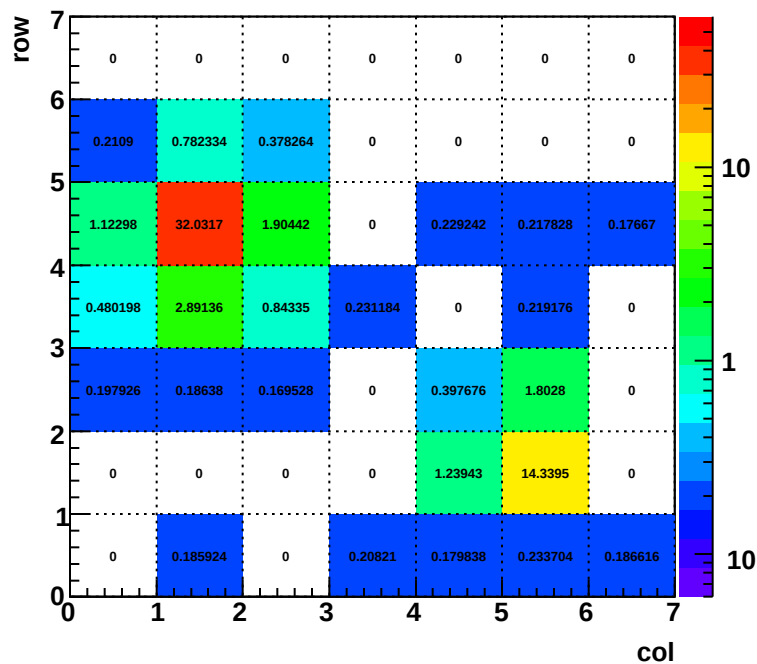
M12=0.615 Y12=-3.668 Phi12=3.128 E12=61.761

SumN(-) = 36 SumN(+) = 48 AN/.6=0.238

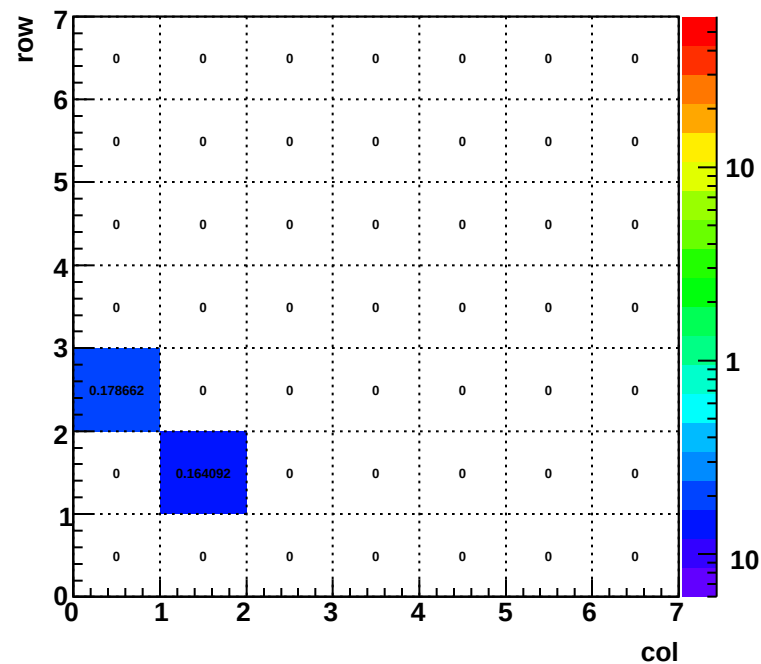
Running Yellow Spin Accumulation



North FPD



South FPD



85) Rnum=7128050 EventN=1203538 (3 Yu-N[+])

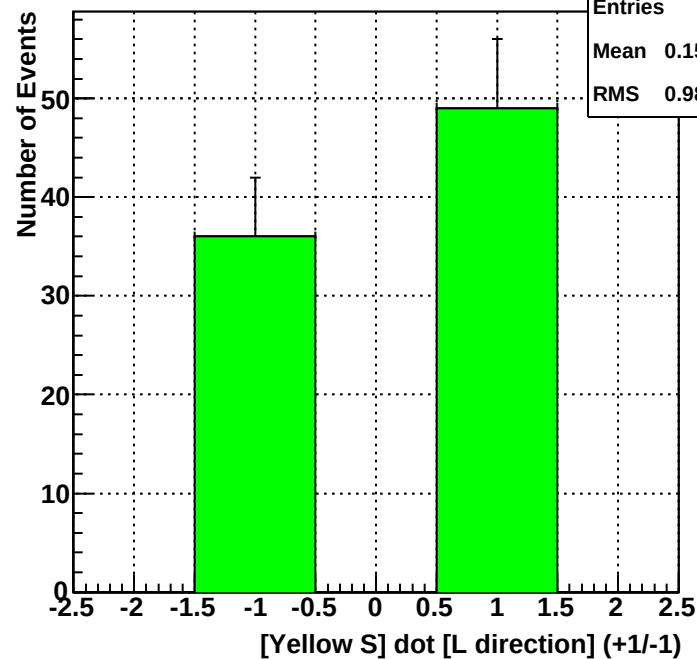
(1) Energy=47.294121 Y=-3.767535 Phi=0.157942

(2) Energy=14.744307 Y=-3.665060 Phi=-0.242554

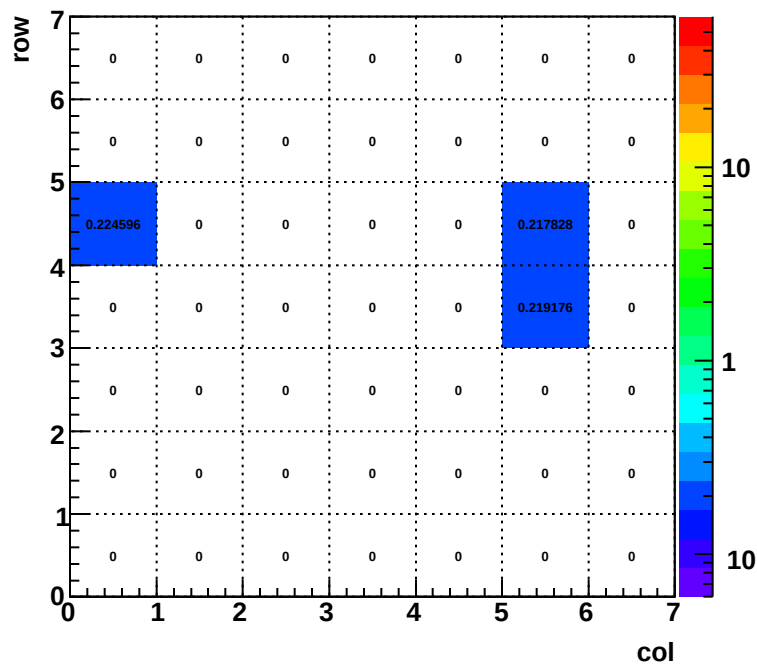
M12=0.527 Y12=-3.758 Phi12=0.056 E12=62.038

SumN(-) = 36 SumN(+)= 49 AN/.6=0.255

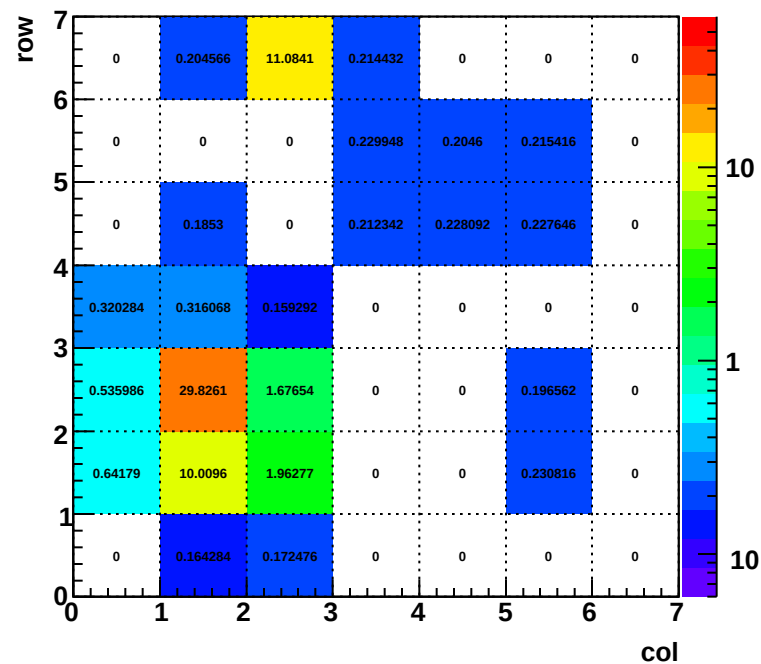
Running Yellow Spin Accumulation



North FPD



South FPD



86) Rnum=7128051 EventN=802437 (0 Yd-S[+])

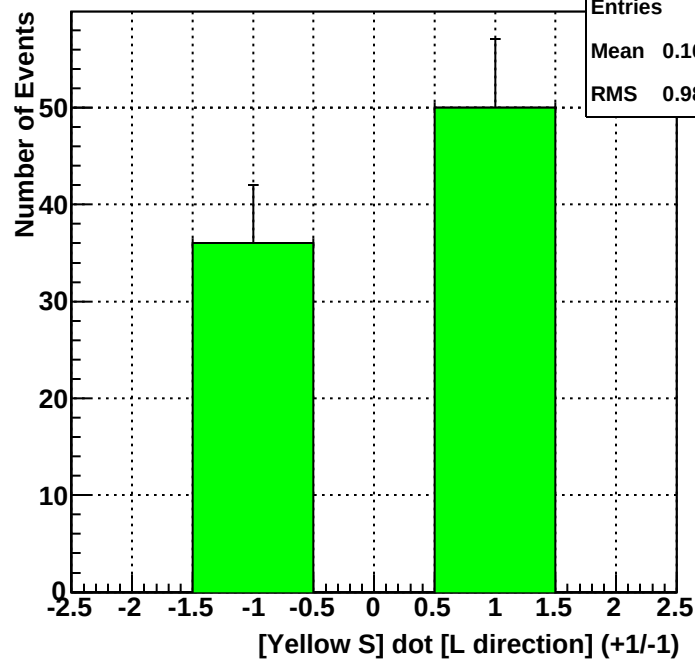
(1) Energy=40.093590 Y=-3.696039 Phi=-3.079406

(2) Energy=20.687527 Y=-3.818201 Phi=2.845456

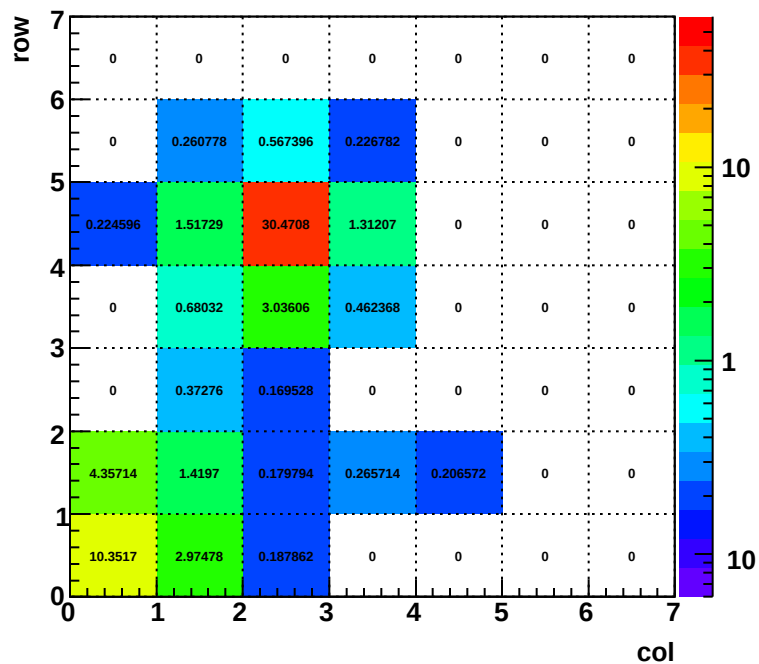
M12=0.506 Y12=-3.750 Phi12=3.092 E12=60.781

SumN(-) = 36 SumN(+)= 50 AN/6=0.271

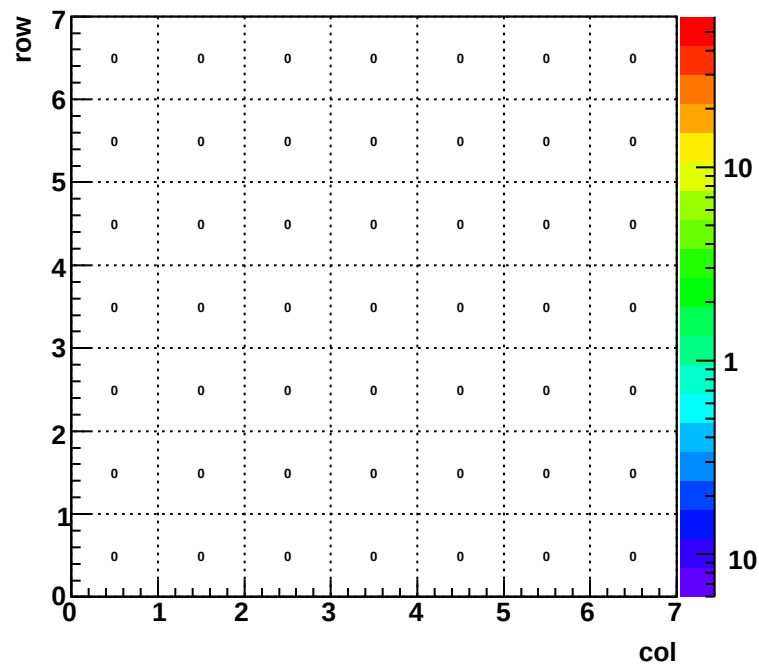
Running Yellow Spin Accumulation



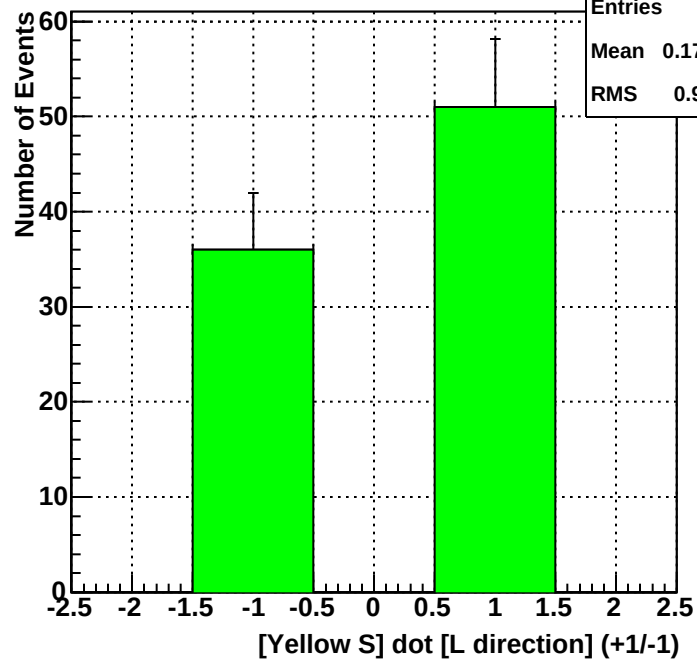
North FPD



South FPD



SumN(-) = 36 SumN(+)= 51 AN/.6=0.287



Entries	87
Mean	0.1724
RMS	0.985

Heatmap visualization of the matrix A . The matrix is 7x7, with rows and columns indexed from 0 to 6. The color scale ranges from 0 (blue) to 10 (red). The matrix is symmetric and sparse, with non-zero values only on the main diagonal.

row \ col	0	1	2	3	4	5	6
0	0.224596	0	0	0	0	0	0
1	0	0.217828	0	0	0	0	0
2	0	0	0.219176	0	0	0	0
3	0	0	0	0.233704	0	0	0
4	0	0	0	0	0.224596	0	0
5	0	0	0	0	0	0.217828	0
6	0	0	0	0	0	0	0.219176

Heatmap visualization of the matrix A . The color scale ranges from 0 (dark blue) to 10 (red). The diagonal elements are 0.160142, 0.178662, 0.21393, 0.186282, 7.44122, 0.492288, and 0.420322. The off-diagonal elements are 0.531872, 2.11126, 0.176368, 0.1853, 0.350832, 0.461668, 0.393124, 10.2289, 0.163564, 25.2467, and 0.461632. The matrix is symmetric.

88) Rnum=7128059 EventN=1708825 (3 Yu-S[-])

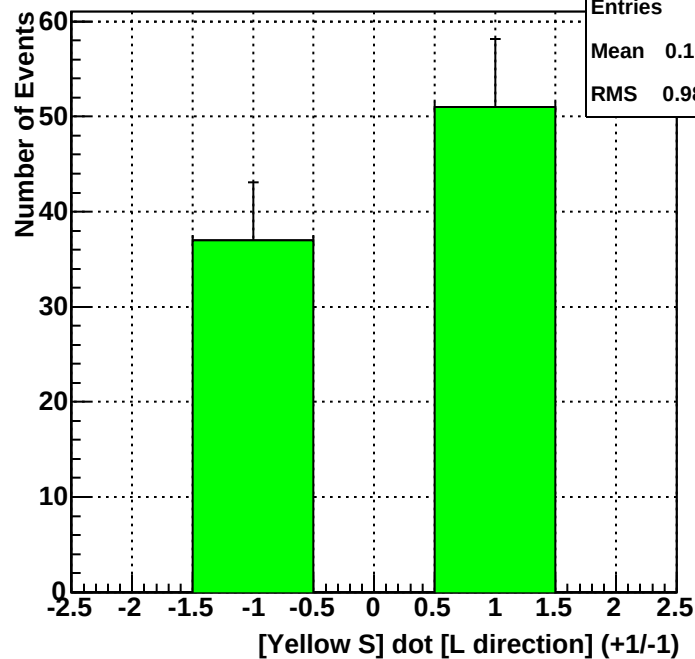
(1) Energy=39.548672 Y=-3.610684 Phi=3.034430

(2) Energy=22.548452 Y=-3.842450 Phi=-2.900655

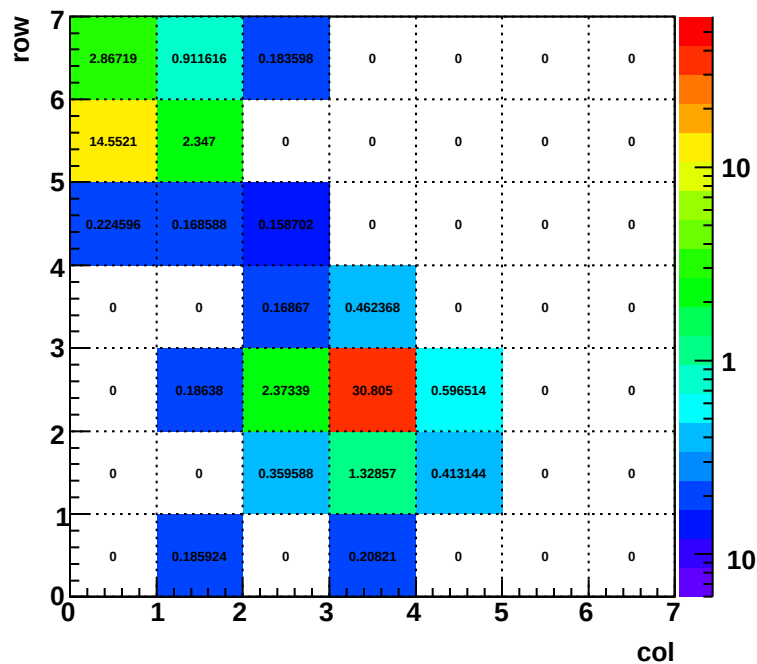
M12=0.599 Y12=-3.702 Phi12=-3.141 E12=62.097

SumN(-) = 37 SumN(+) = 51 AN/.6=0.265

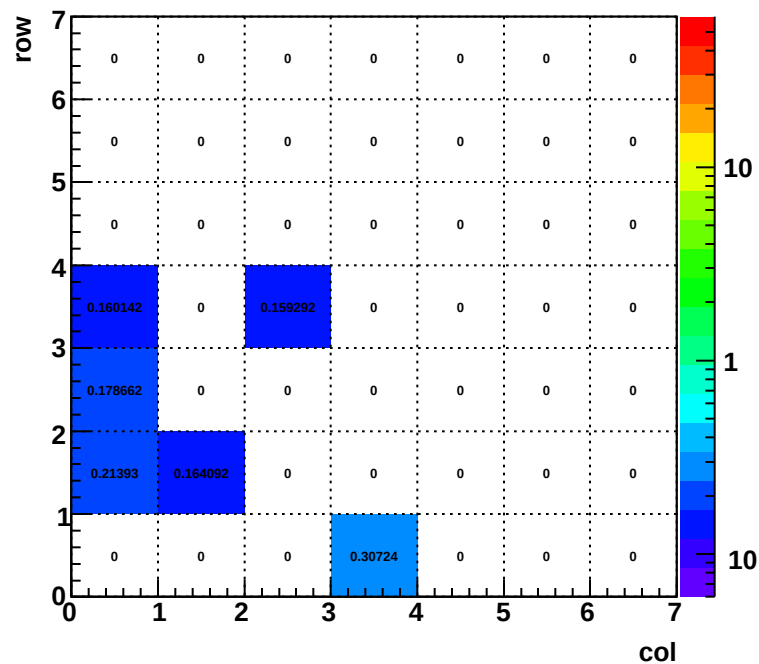
Running Yellow Spin Accumulation



North FPD



South FPD



89) Rnum=7128061 EventN=907928 (3 Yu-N[+])

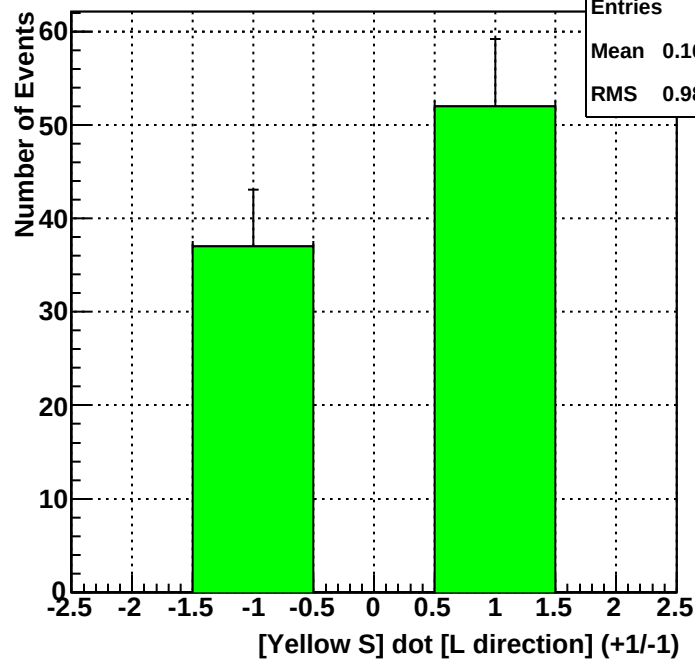
(1) Energy=44.125847 Y=-3.860413 Phi=0.006724

(2) Energy=21.393414 Y=-3.514890 Phi=0.058757

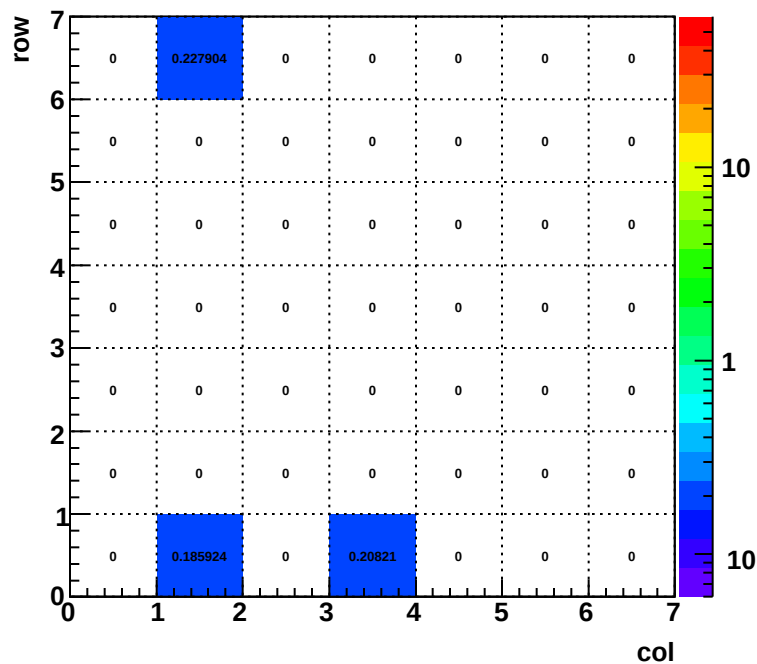
M12=0.540 Y12=-3.734 Phi12=0.028 E12=65.519

SumN(-) = 37 SumN(+)= 52 AN/6=0.281

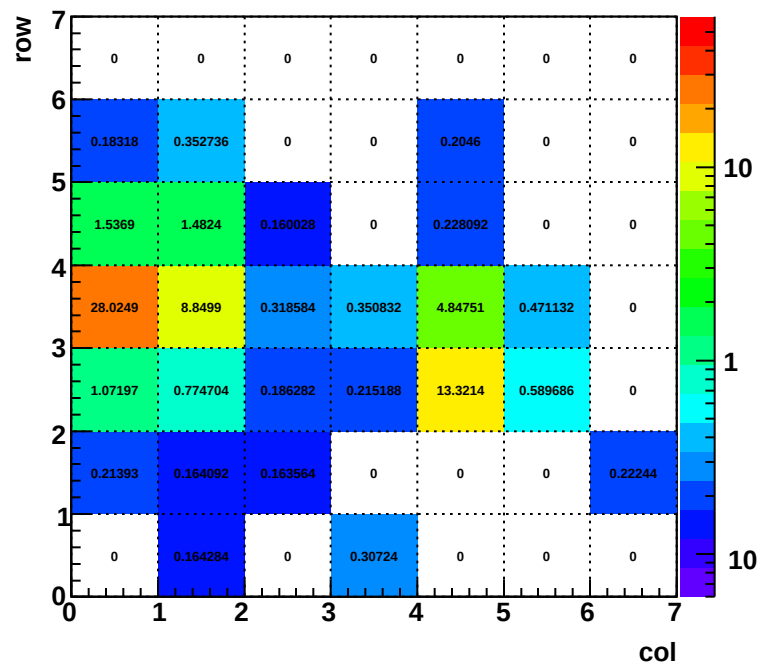
Running Yellow Spin Accumulation



North FPD



South FPD



90) Rnum=7128061 EventN=1706609 (3 Yu-N[+])

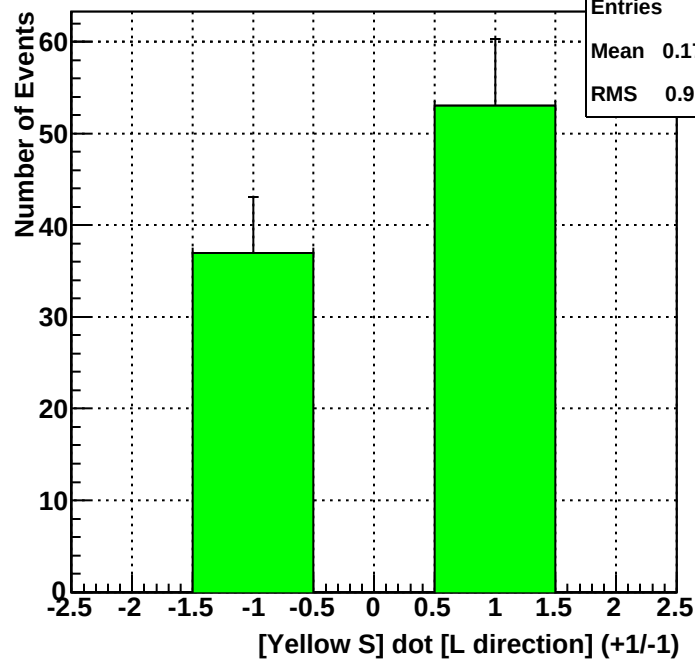
(1) Energy=33.502979 Y=-3.499090 Phi=-0.069369

(2) Energy=32.627220 Y=-3.742052 Phi=0.125757

M12=0.552 Y12=-3.616 Phi12=0.015 E12=66.130

SumN(-) = 37 SumN(+)= 53 AN/.6=0.296

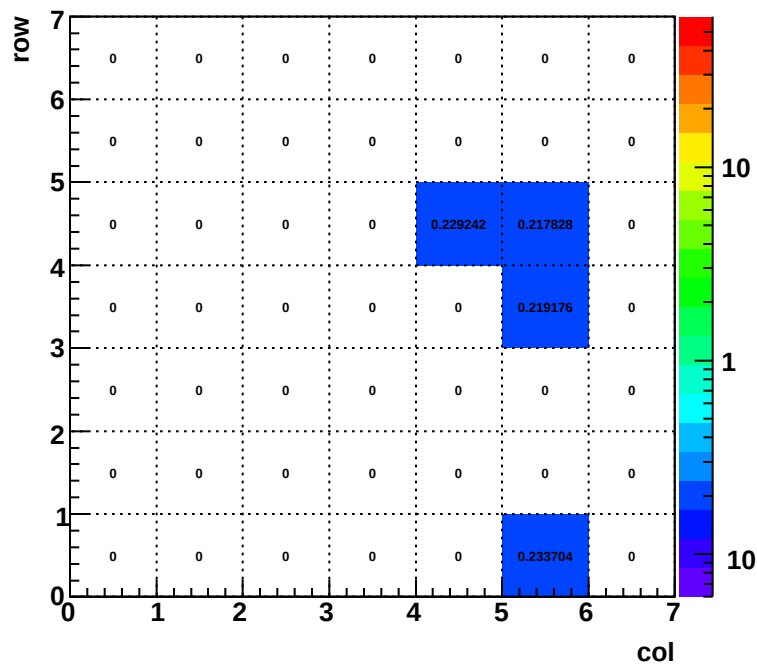
Running Yellow Spin Accumulation



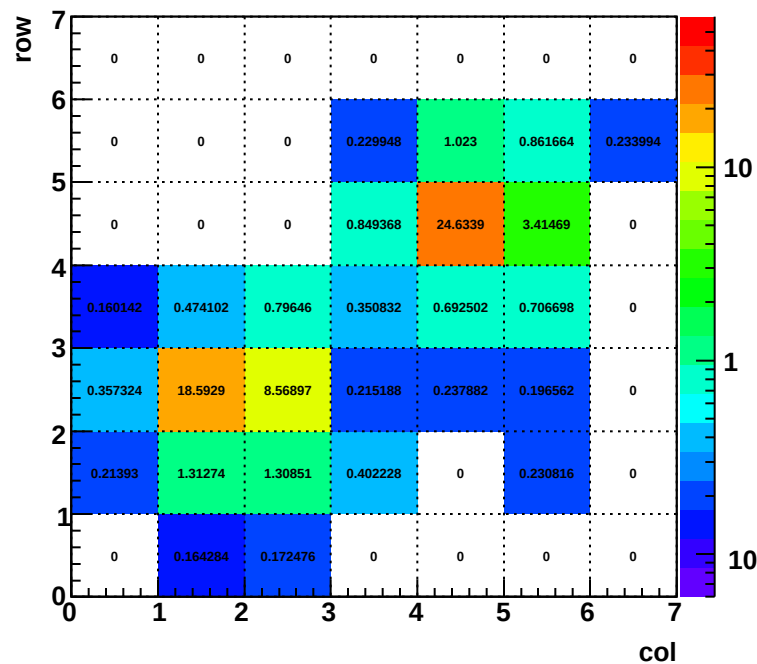
spcntH

Entries 90
Mean 0.1778
RMS 0.9841

North FPD



South FPD



91) Rnum=7128063 EventN=1106422 (3 Yu-N[+])

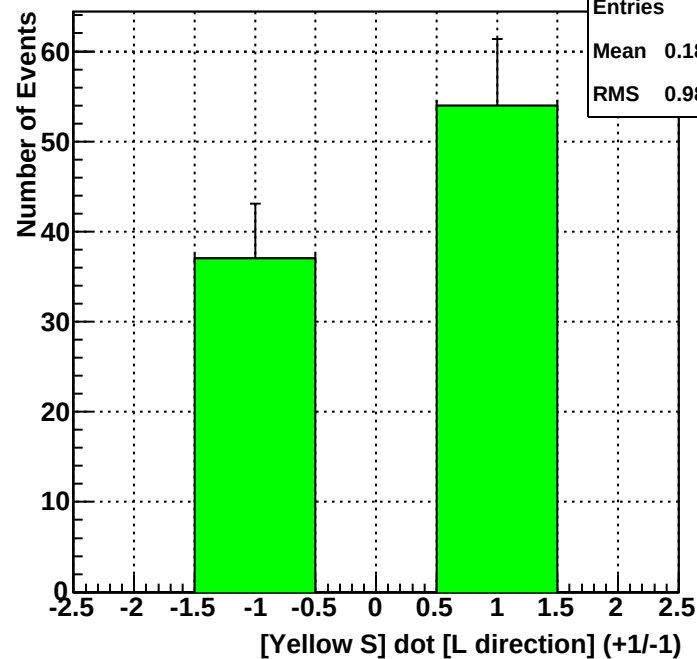
(1) Energy=53.399231 Y=-3.773194 Phi=-0.196331

(2) Energy=8.114545 Y=-3.438710 Phi=0.234884

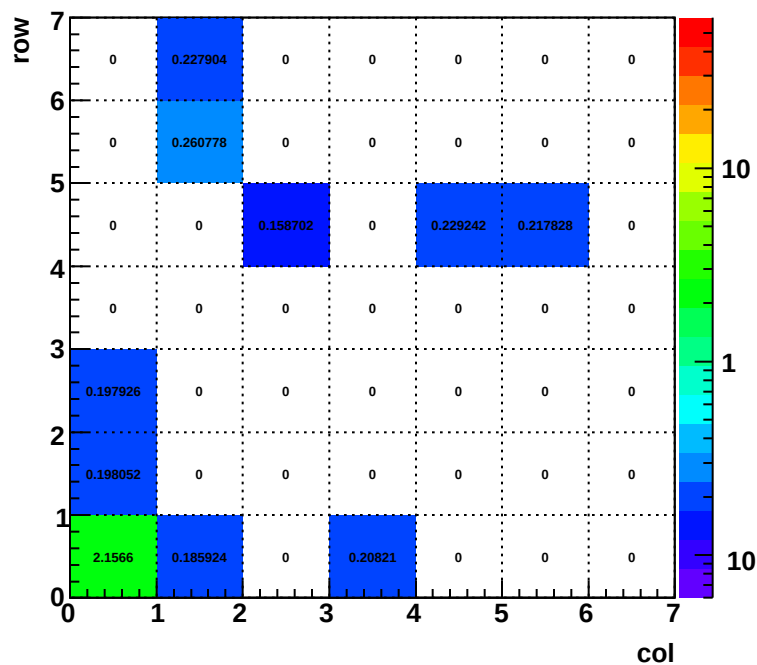
M12=0.615 Y12=-3.736 Phi12=-0.122 E12=61.514

SumN(-) = 37 SumN(+) = 54 AN/6=0.311

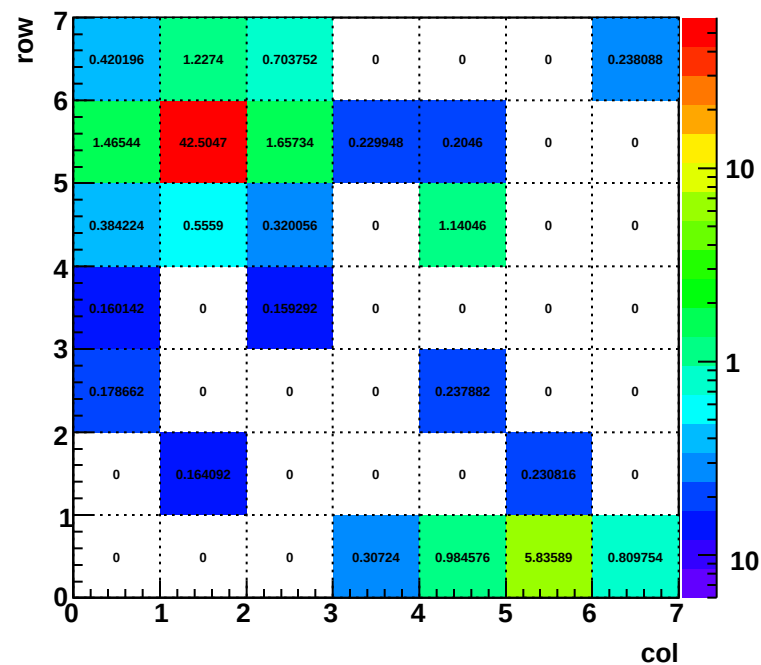
Running Yellow Spin Accumulation



North FPD



South FPD



92) Rnum=7129002 EventN=1503946 (1 Yu-N[+])

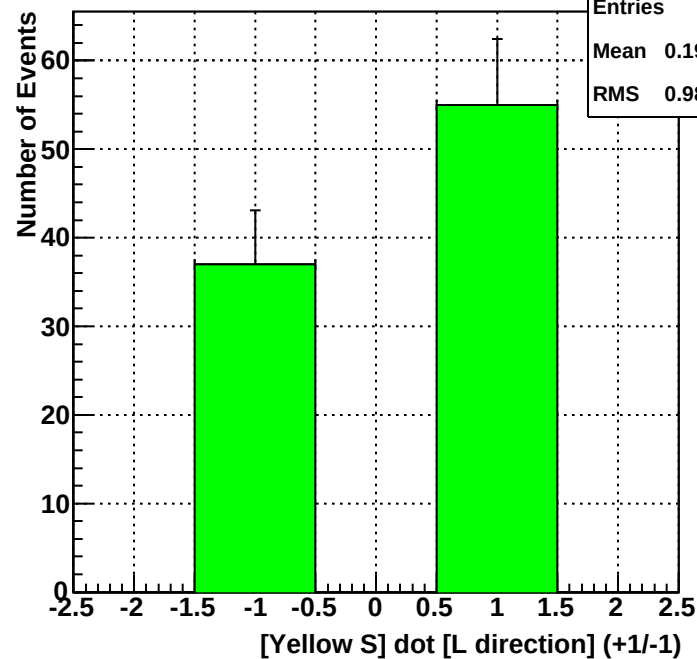
(1) Energy=59.365711 Y=-3.631290 Phi=0.179349

(2) Energy=6.705194 Y=-3.411167 Phi=-0.202547

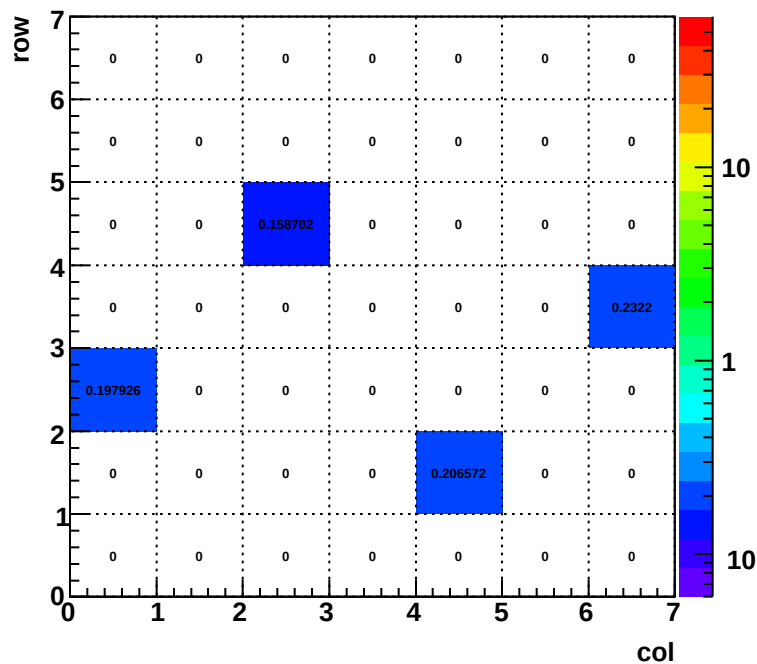
M12=0.517 Y12=-3.614 Phi12=0.133 E12=66.071

SumN(-) = 37 SumN(+)= 55 AN/6=0.326

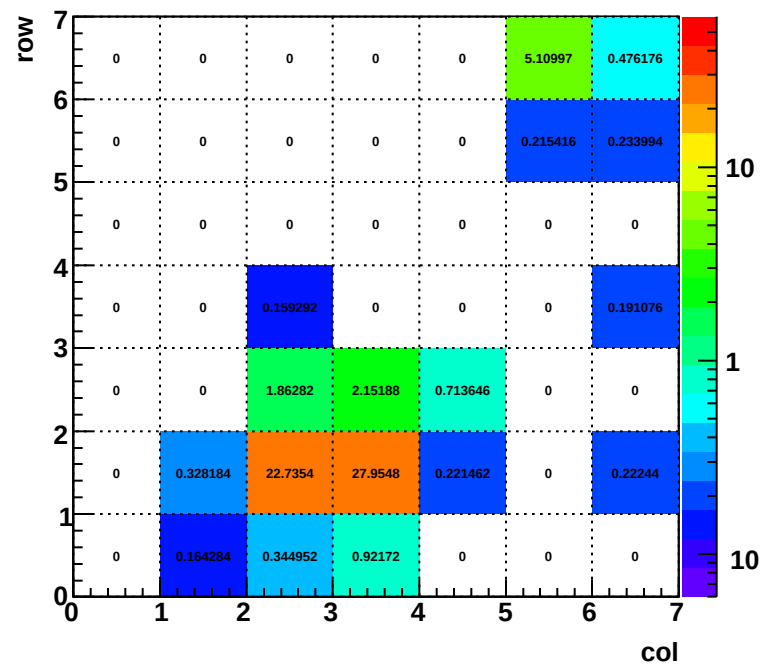
Running Yellow Spin Accumulation



North FPD



South FPD



93) Rnum=7129002 EventN=1505363 (3 Yu-N[+])

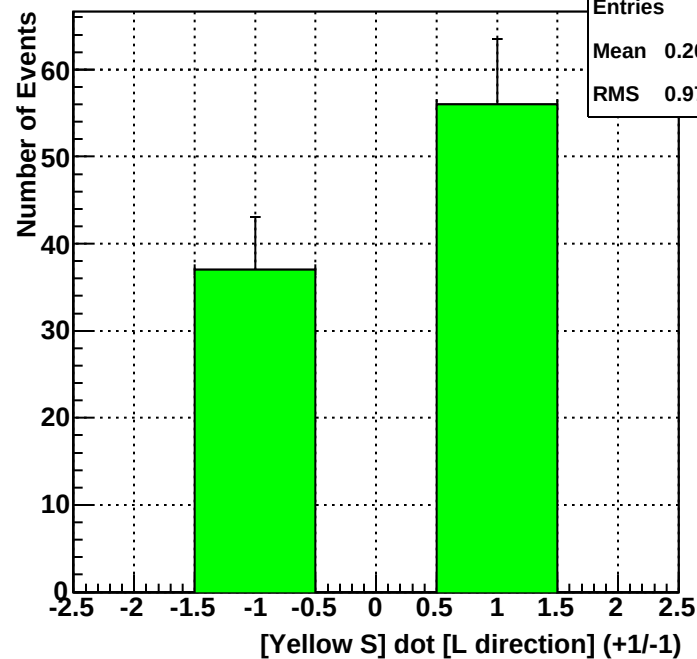
(1) Energy=33.746822 Y=-3.513569 Phi=-0.175293

(2) Energy=27.254622 Y=-3.918735 Phi=-0.056789

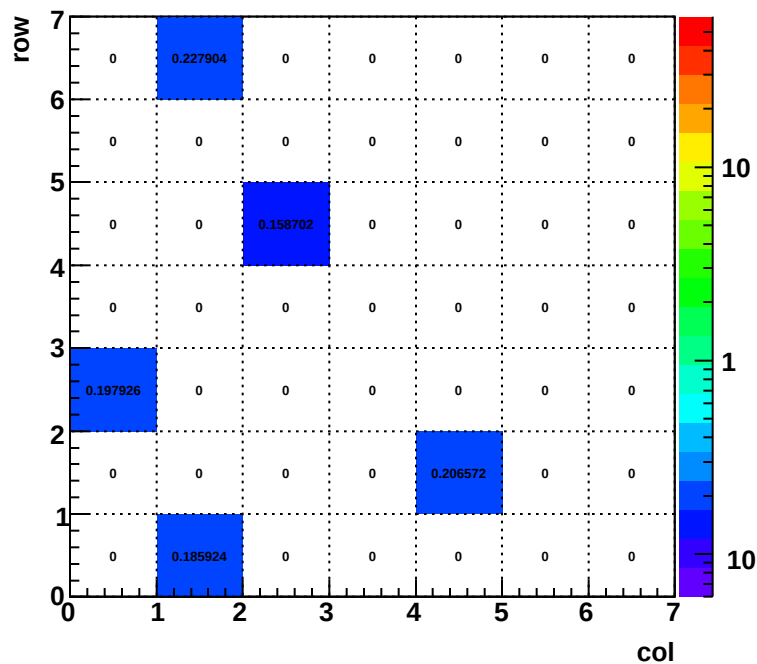
M12=0.626 Y12=-3.676 Phi12=-0.134 E12=61.001

SumN(-) = 37 SumN(+) = 56 AN/6=0.341

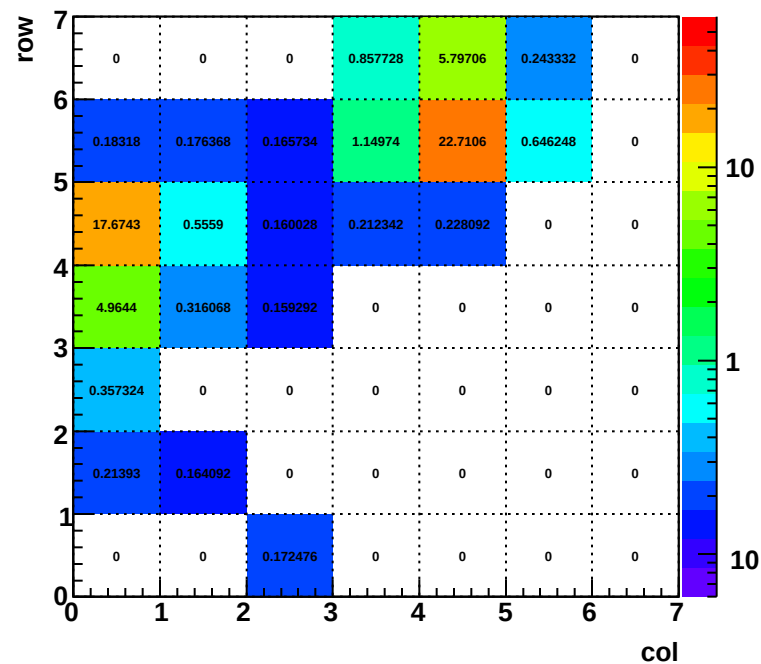
Running Yellow Spin Accumulation



North FPD



South FPD



94) Rnum=7129002 EventN=2306805 (3 Yu-N[+])

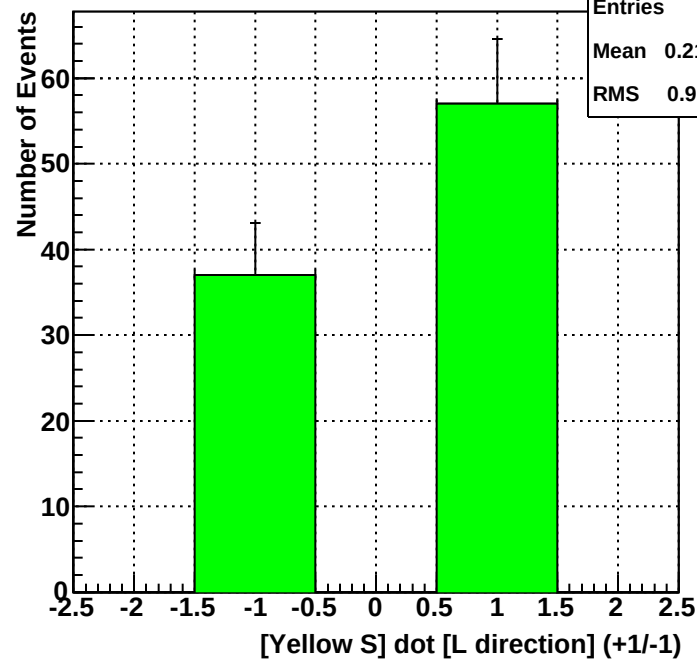
(1) Energy=29.906261 Y=-3.628582 Phi=0.191250

(2) Energy=34.594460 Y=-3.865896 Phi=-0.040444

M12=0.503 Y12=-3.756 Phi12=0.081 E12=64.501

SumN(-) = 37 SumN(+)= 57 AN/6=0.355

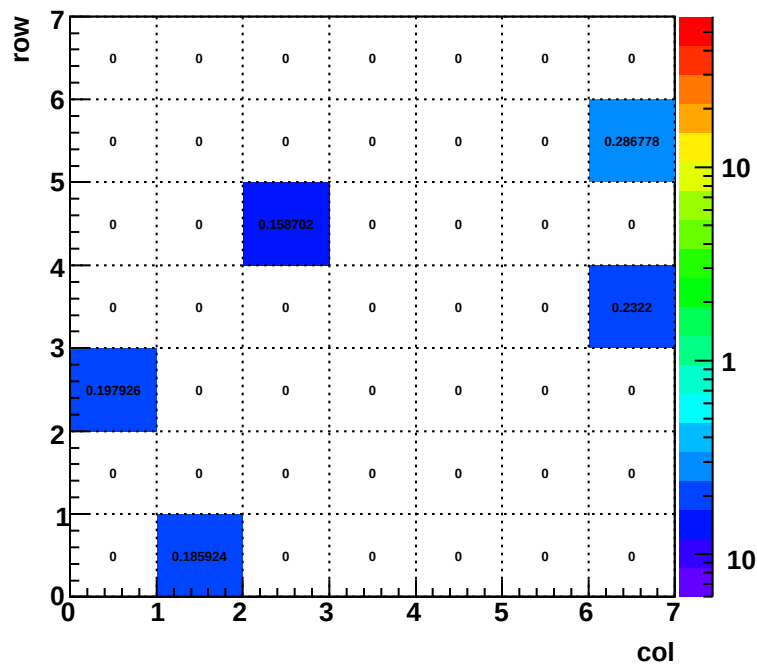
Running Yellow Spin Accumulation



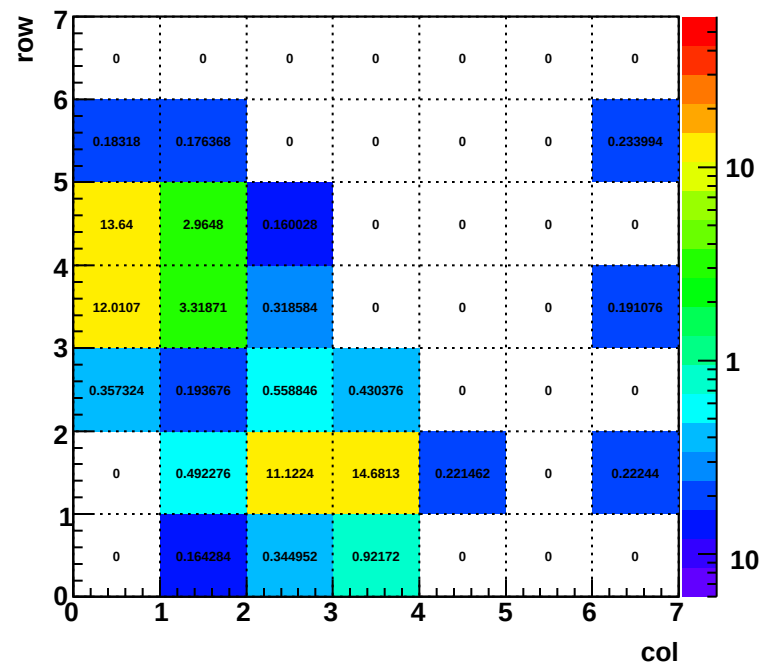
spcntH

Entries	94
Mean	0.2128
RMS	0.9771

North FPD



South FPD



95) Rnum=7129010 EventN=1000370 (0 Yd-N[-])

(1) Energy=47.288925 Y=-3.855438 Phi=0.102983

(2) Energy=14.317395 Y=-3.513454 Phi=-0.066043

M12=0.500 Y12=-3.768 Phi12=0.053 E12=61.606

SumN(-) = 38 SumN(+)= 57 AN/.6=0.333

95) Rnum=7129010 EventN=1000370 (0 Yd-N[-])

(1) Energy=47.288925 Y=-3.855438 Phi=0.102983

(2) Energy=14.317395 Y=-3.513454 Phi=-0.066043

M12=0.500 Y12=-3.768 Phi12=0.053 E12=61.606

SumN(-) = 38 SumN(+)= 57 AN/.6=0.333

95) Rnum=7129010 EventN=1000370 (0 Yd-N[-])

(1) Energy=47.288925 Y=-3.855438 Phi=0.102983

(2) Energy=14.317395 Y=-3.513454 Phi=-0.066043

M12=0.500 Y12=-3.768 Phi12=0.053 E12=61.606

SumN(-) = 38 SumN(+)= 57 AN/.6=0.333

95) Rnum=7129010 EventN=1000370 (0 Yd-N[-])

(1) Energy=47.288925 Y=-3.855438 Phi=0.102983

(2) Energy=14.317395 Y=-3.513454 Phi=-0.066043

M12=0.500 Y12=-3.768 Phi12=0.053 E12=61.606

SumN(-) = 38 SumN(+)= 57 AN/.6=0.333

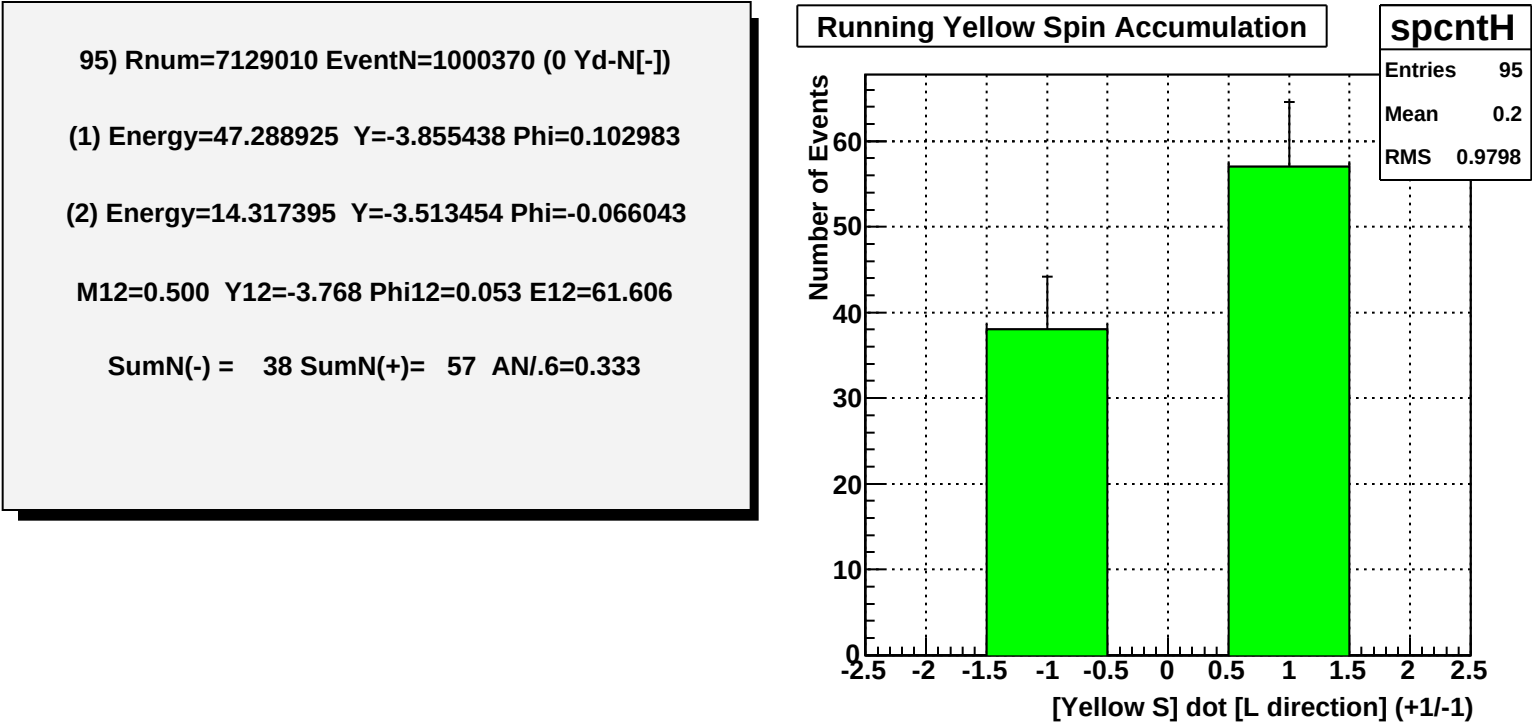
95) Rnum=7129010 EventN=1000370 (0 Yd-N[-])

(1) Energy=47.288925 Y=-3.855438 Phi=0.102983

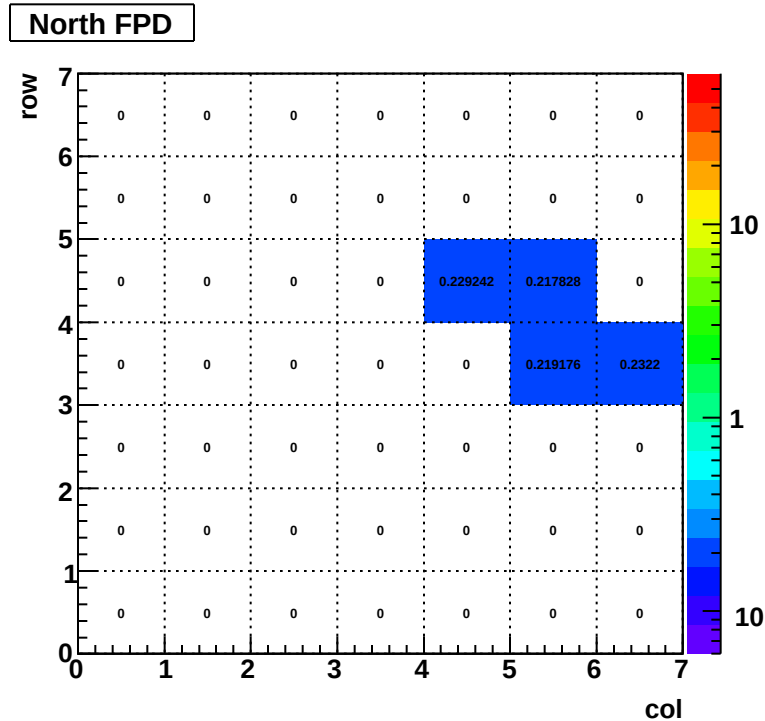
(2) Energy=14.317395 Y=-3.513454 Phi=-0.066043

M12=0.500 Y12=-3.768 Phi12=0.053 E12=61.606

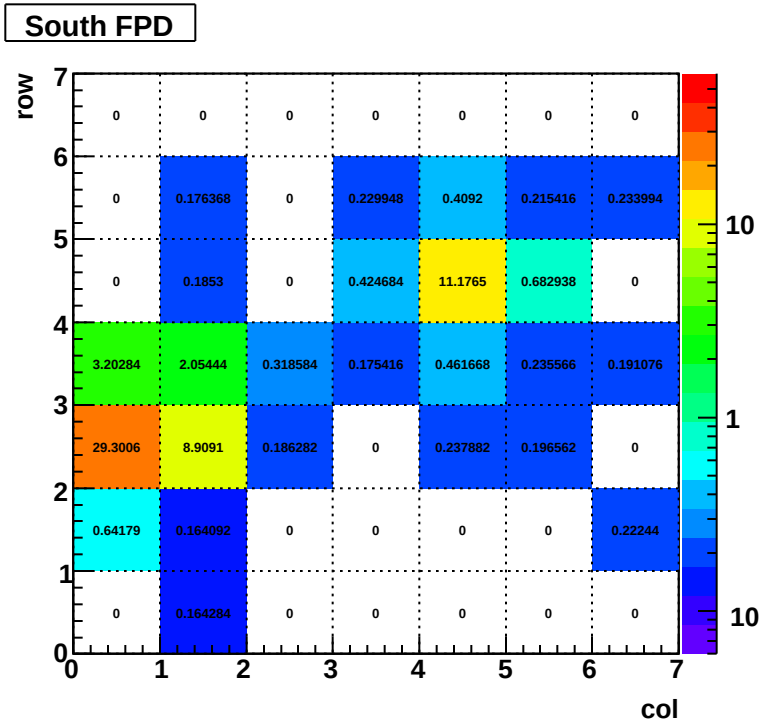
SumN(-) = 38 SumN(+)= 57 AN/.6=0.333



North FPD



South FPD



96) Rnum=7129020 EventN=5000294 (3 Yu-N[+])

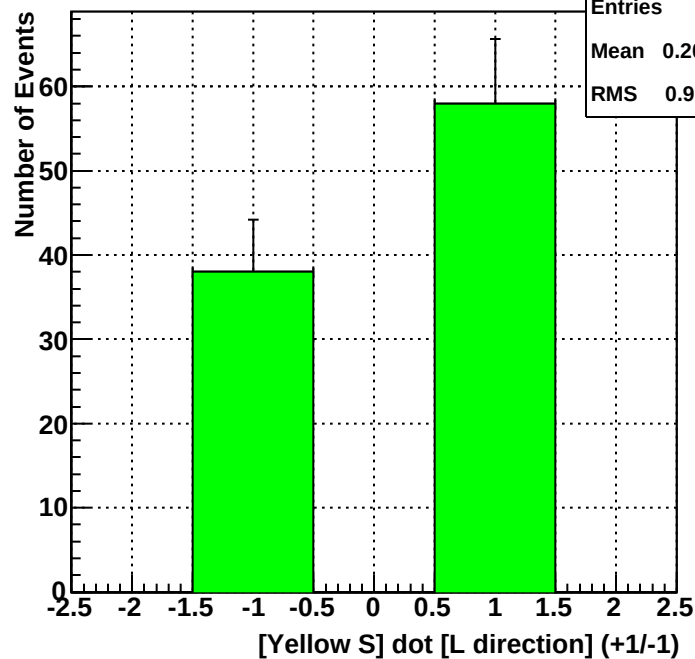
(1) Energy=40.544800 Y=-3.735036 Phi=0.153080

(2) Energy=21.657055 Y=-3.746985 Phi=-0.288969

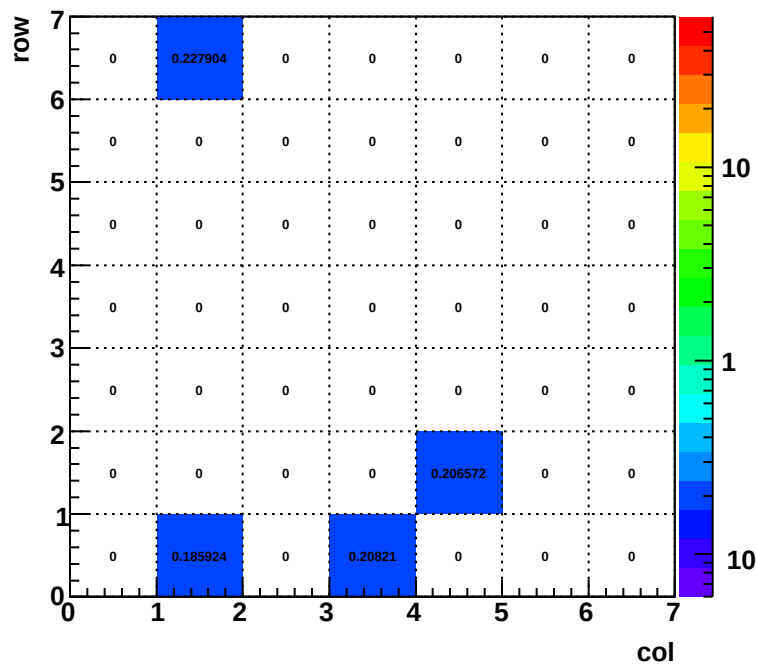
M12=0.616 Y12=-3.761 Phi12=0.001 E12=62.202

SumN(-) = 38 SumN(+)= 58 AN/6=0.347

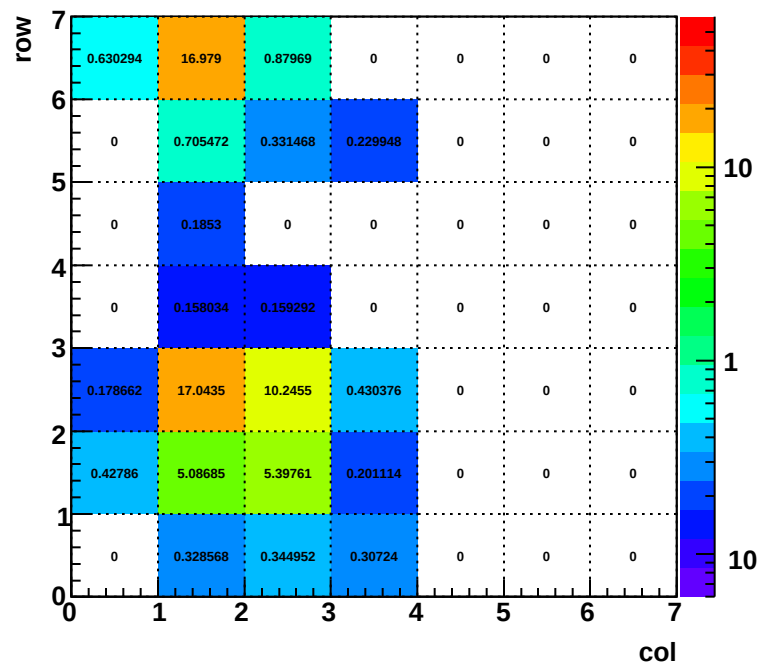
Running Yellow Spin Accumulation



North FPD



South FPD



97) Rnum=7129020 EventN=8901943 (1 Yu-S[-])

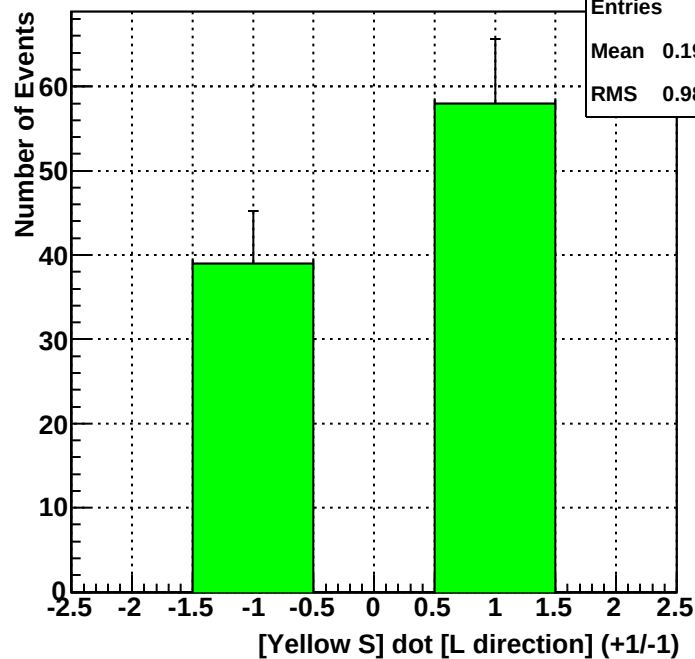
(1) Energy=34.520798 Y=-3.562757 Phi=2.891051

(2) Energy=30.527294 Y=-3.495608 Phi=-3.082896

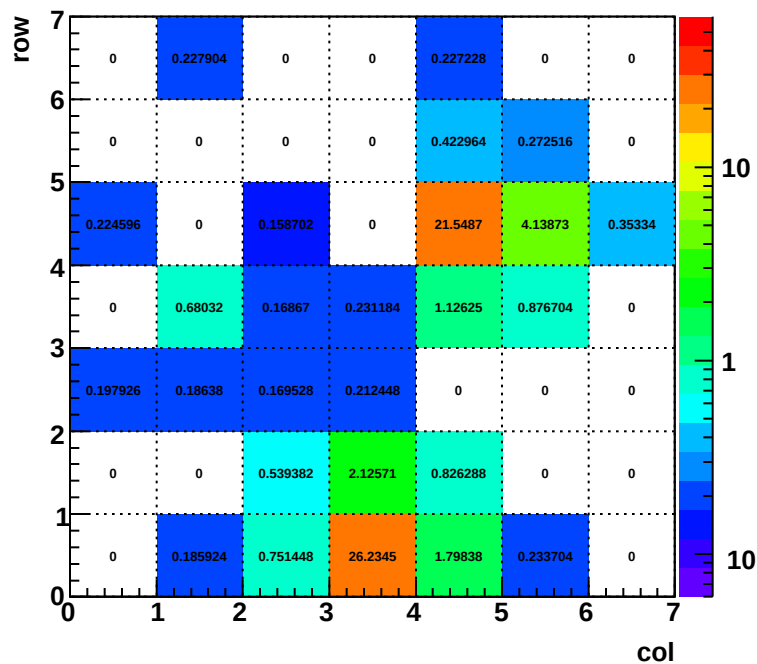
M12=0.600 Y12=-3.543 Phi12=3.041 E12=65.048

SumN(-) = 39 SumN(+)= 58 AN/.6=0.326

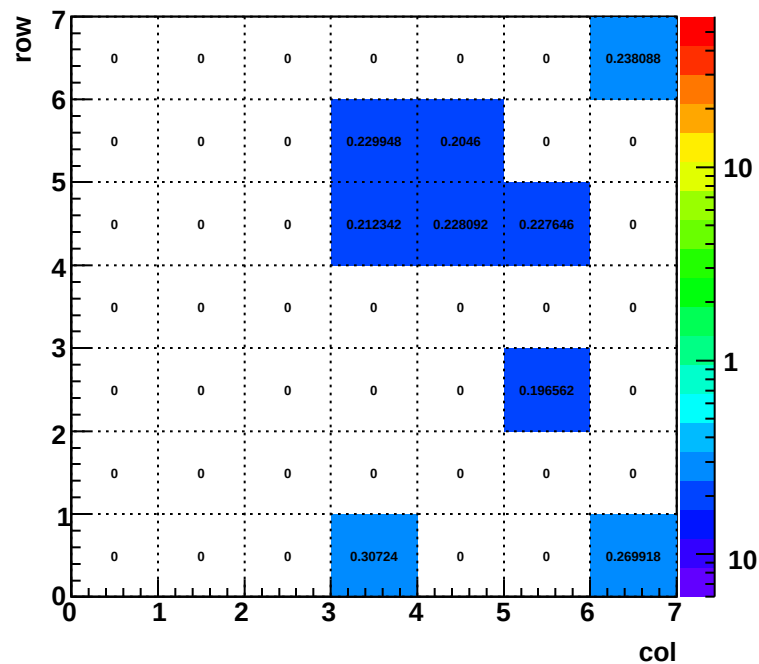
Running Yellow Spin Accumulation



North FPD



South FPD



98) Rnum=7129020 EventN=9009486 (3 Yu-S[-])

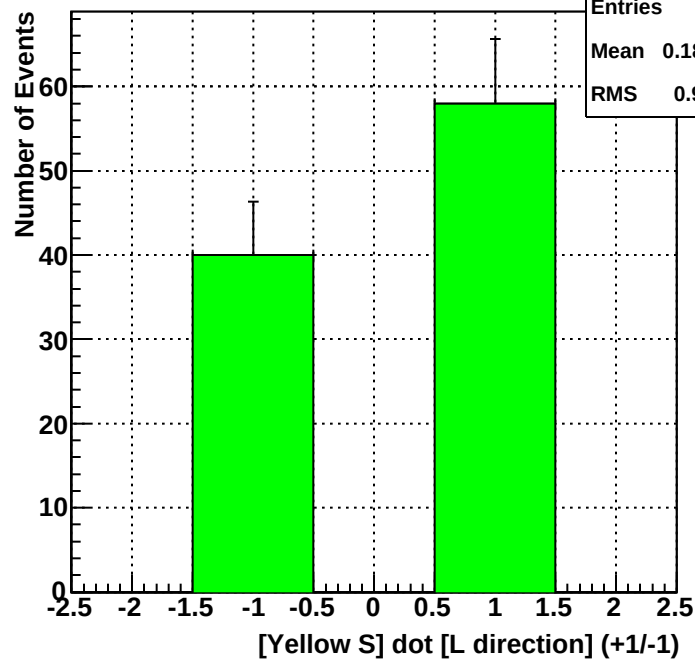
(1) Energy=54.625885 Y=-3.860460 Phi=3.090854

(2) Energy=7.128952 Y=-3.373043 Phi=3.090089

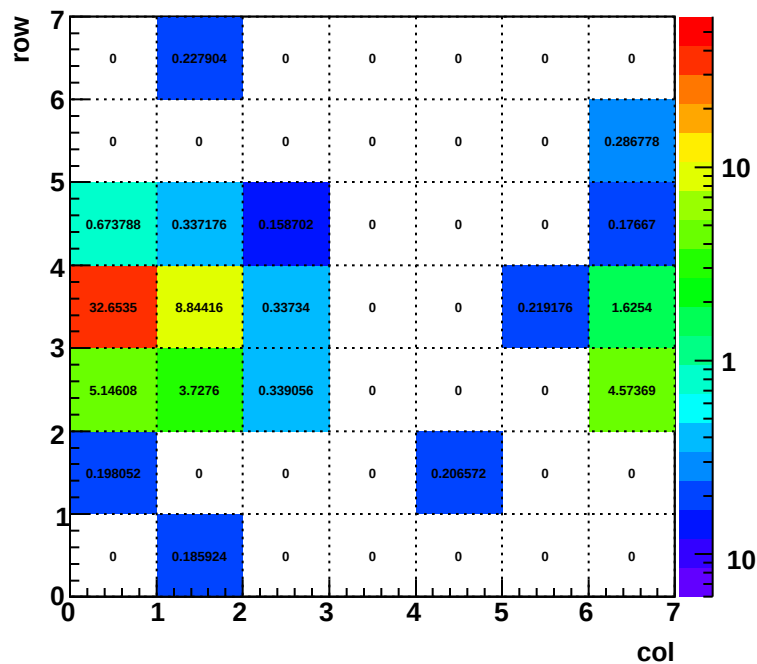
M12=0.522 Y12=-3.790 Phi12=3.091 E12=61.755

SumN(-) = 40 SumN(+)= 58 AN/.6=0.306

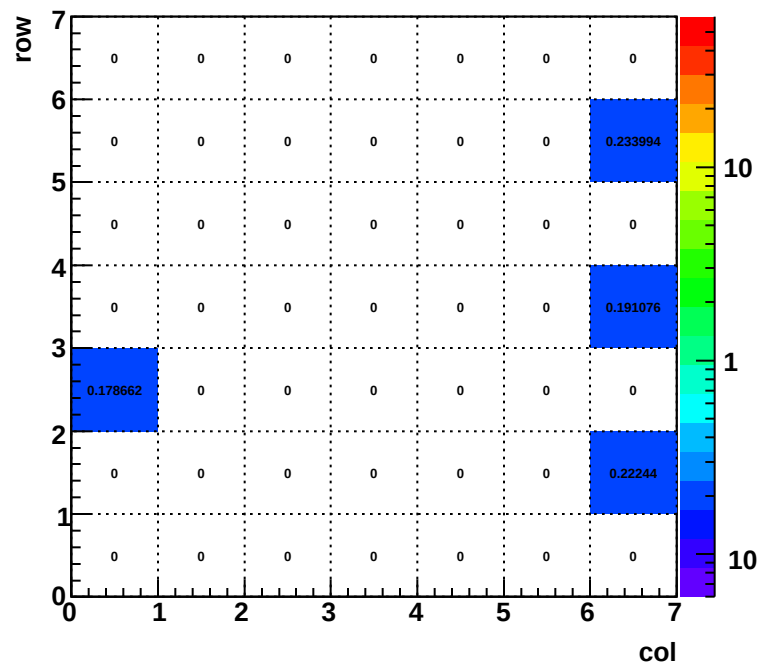
Running Yellow Spin Accumulation



North FPD



South FPD



99) Rnum=7129020 EventN=1109127 (2 Yd-S[+])

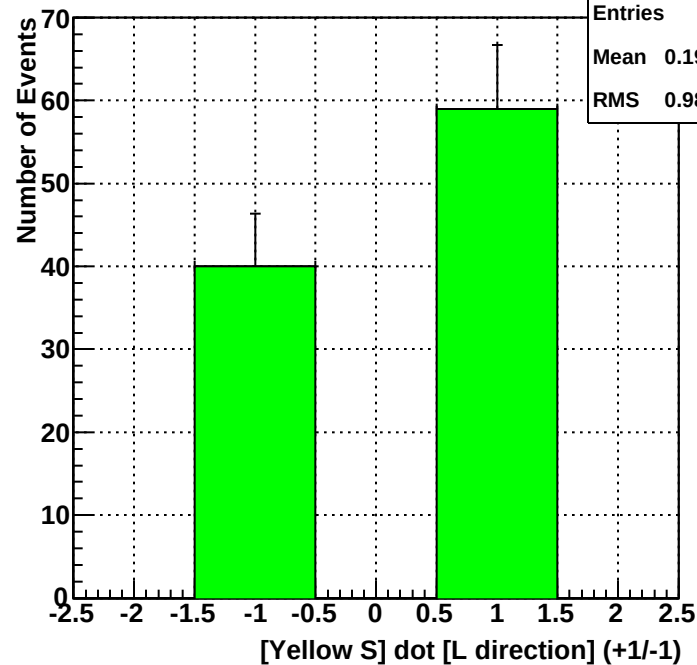
(1) Energy=34.110672 Y=-3.702308 Phi=3.038108

(2) Energy=29.656324 Y=-3.654546 Phi=-2.898628

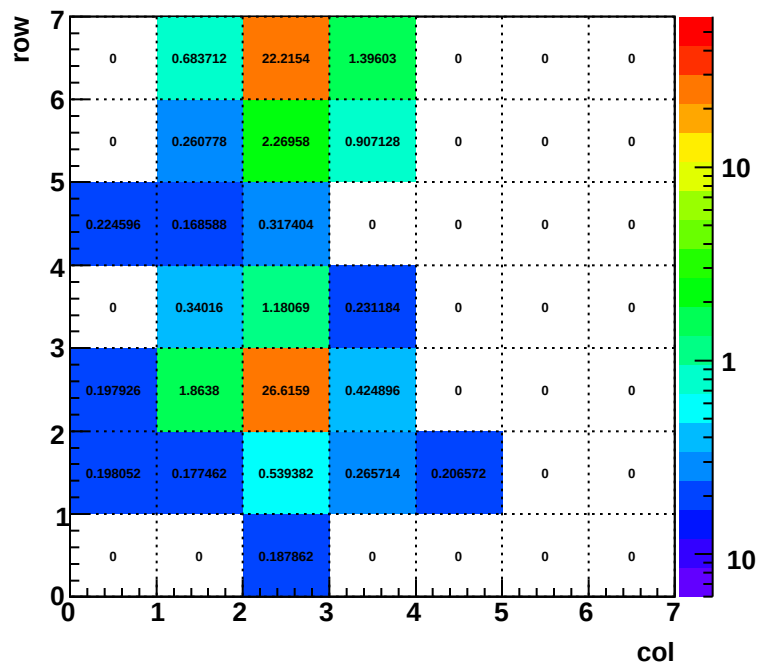
M12=0.559 Y12=-3.695 Phi12=-3.080 E12=63.767

SumN(-) = 40 SumN(+)= 59 AN/.6=0.320

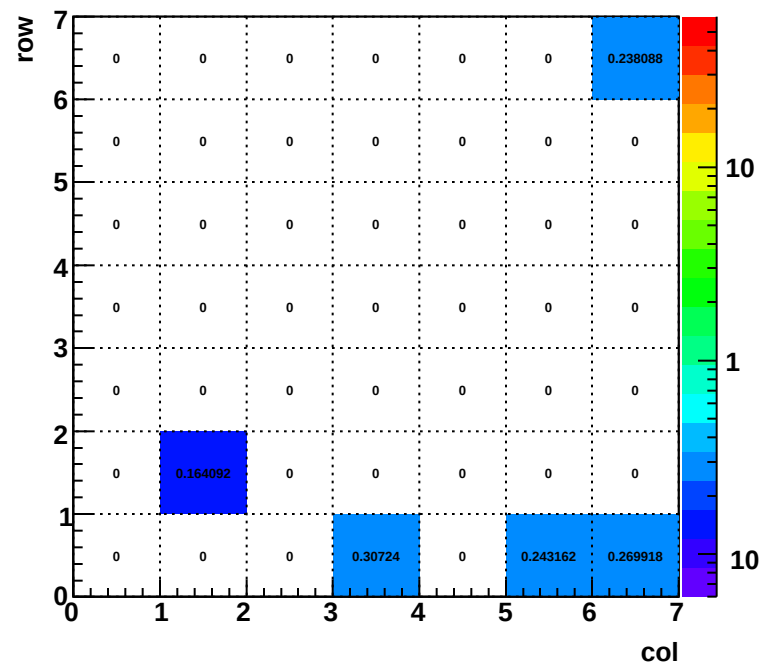
Running Yellow Spin Accumulation



North FPD



South FPD



100) Rnum=7129022 EventN=200892 (0 Yd-S[+])

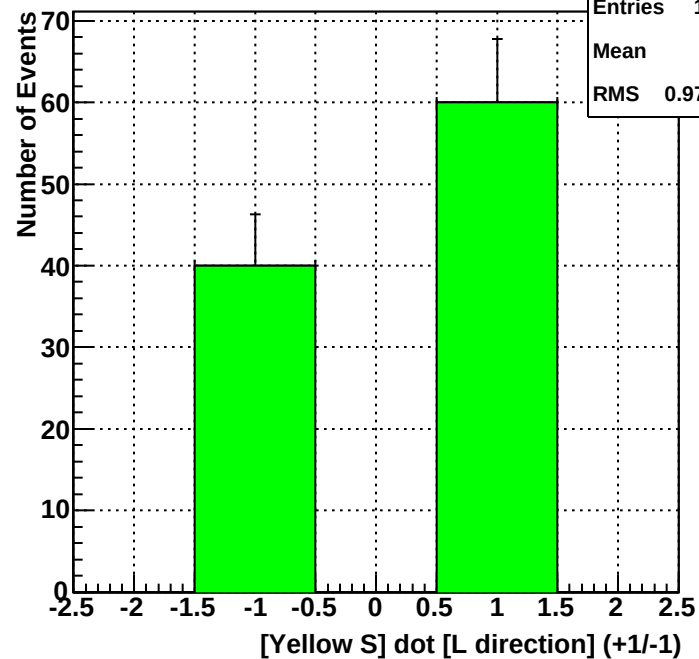
(1) Energy=34.147472 Y=-3.912145 Phi=3.014155

(2) Energy=35.333572 Y=-3.566874 Phi=3.120840

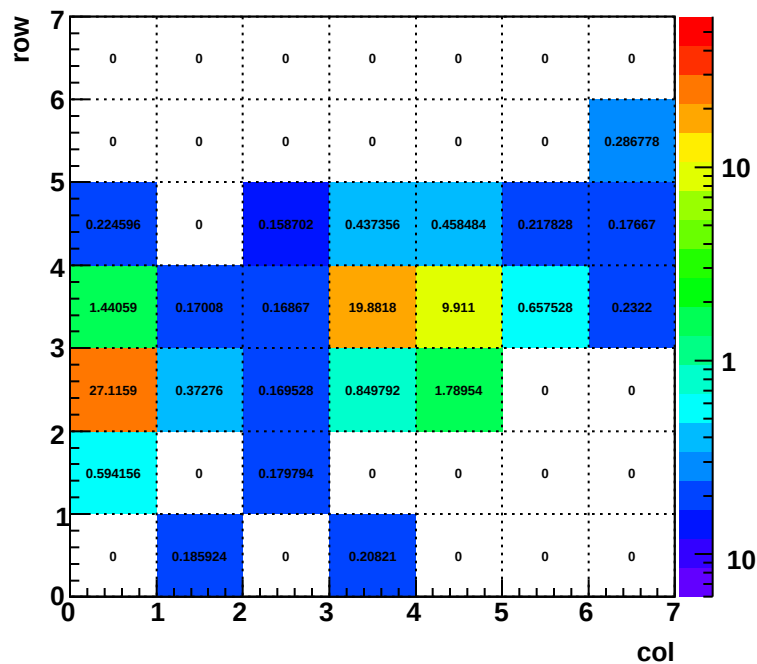
M12=0.599 Y12=-3.723 Phi12=3.077 E12=69.481

SumN(-) = 40 SumN(+)= 60 AN/.6=0.333

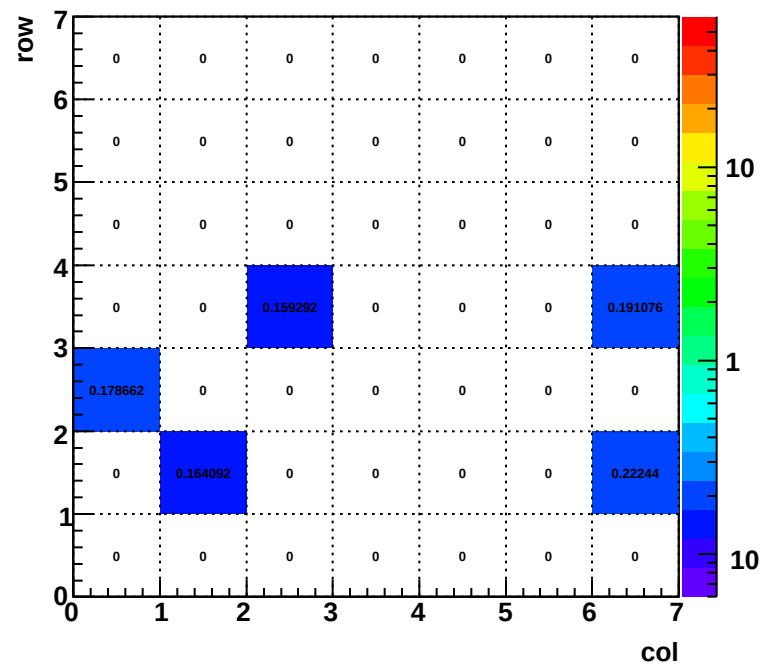
Running Yellow Spin Accumulation



North FPD



South FPD



101) Rnum=7129023 EventN=5907906 (3 Yu-S[-])

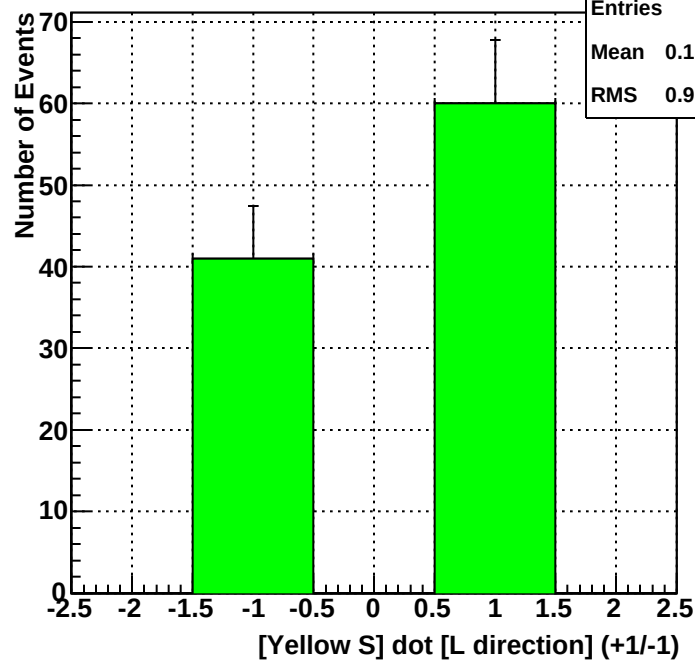
(1) Energy=35.175617 Y=-3.747328 Phi=-2.891012

(2) Energy=24.961870 Y=-3.602637 Phi=3.044288

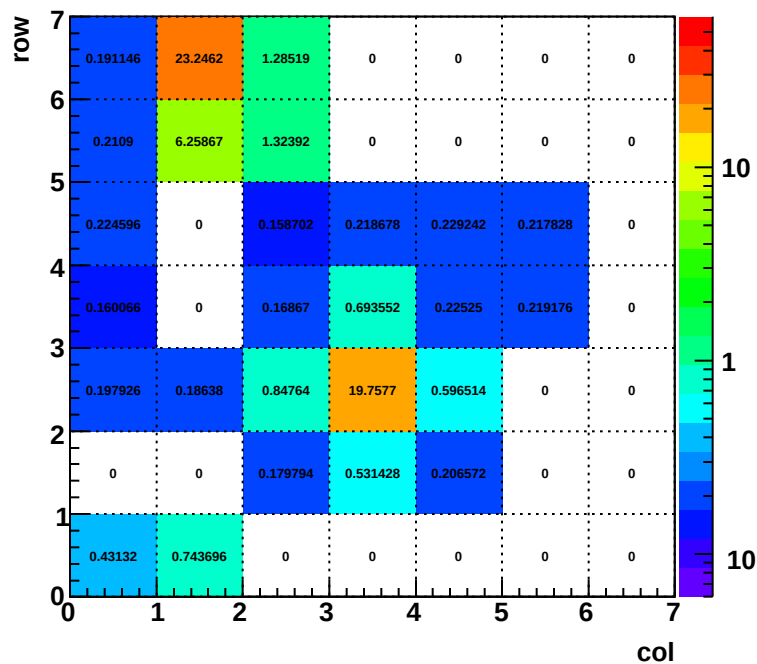
M12=0.563 Y12=-3.700 Phi12=-3.048 E12=60.137

SumN(-) = 41 SumN(+) = 60 AN/6=0.314

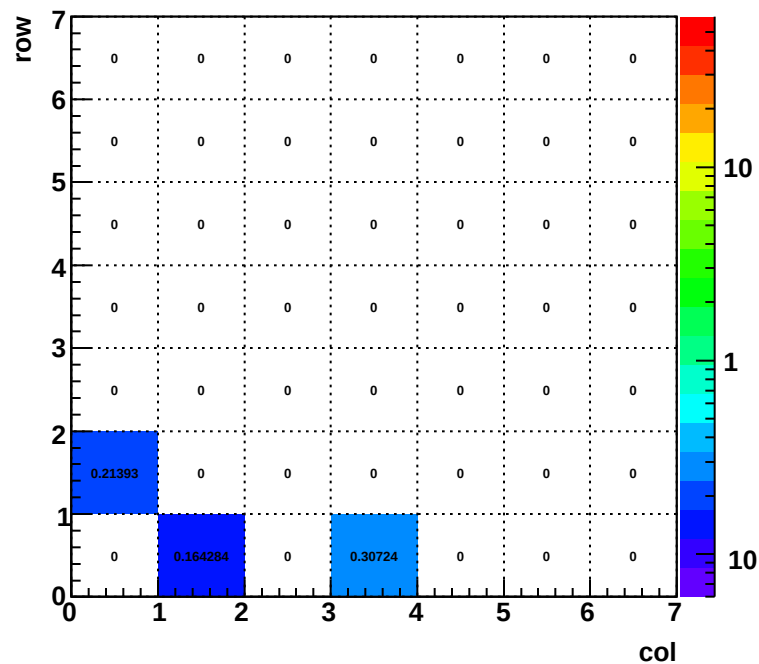
Running Yellow Spin Accumulation



North FPD



South FPD



102) Rnum=7129023 EventN=1501945 (0 Yd-S[+])

(1) Energy=52.497181 Y=-3.857222 Phi=3.085819

(2) Energy=12.247591 Y=-3.504504 Phi=-3.084872

M12=0.475 Y12=-3.781 Phi12=3.114 E12=64.745

SumN(-) = 41 SumN(+)= 61 AN/.6=0.327

102) Rnum=7129023 EventN=1501945 (0 Yd-S[+])

(1) Energy=52.497181 Y=-3.857222 Phi=3.085819

(2) Energy=12.247591 Y=-3.504504 Phi=-3.084872

M12=0.475 Y12=-3.781 Phi12=3.114 E12=64.745

SumN(-) = 41 SumN(+)= 61 AN/.6=0.327

102) Rnum=7129023 EventN=1501945 (0 Yd-S[+])

(1) Energy=52.497181 Y=-3.857222 Phi=3.085819

(2) Energy=12.247591 Y=-3.504504 Phi=-3.084872

M12=0.475 Y12=-3.781 Phi12=3.114 E12=64.745

SumN(-) = 41 SumN(+)= 61 AN/.6=0.327

102) Rnum=7129023 EventN=1501945 (0 Yd-S[+])

(1) Energy=52.497181 Y=-3.857222 Phi=3.085819

(2) Energy=12.247591 Y=-3.504504 Phi=-3.084872

M12=0.475 Y12=-3.781 Phi12=3.114 E12=64.745

SumN(-) = 41 SumN(+)= 61 AN/.6=0.327

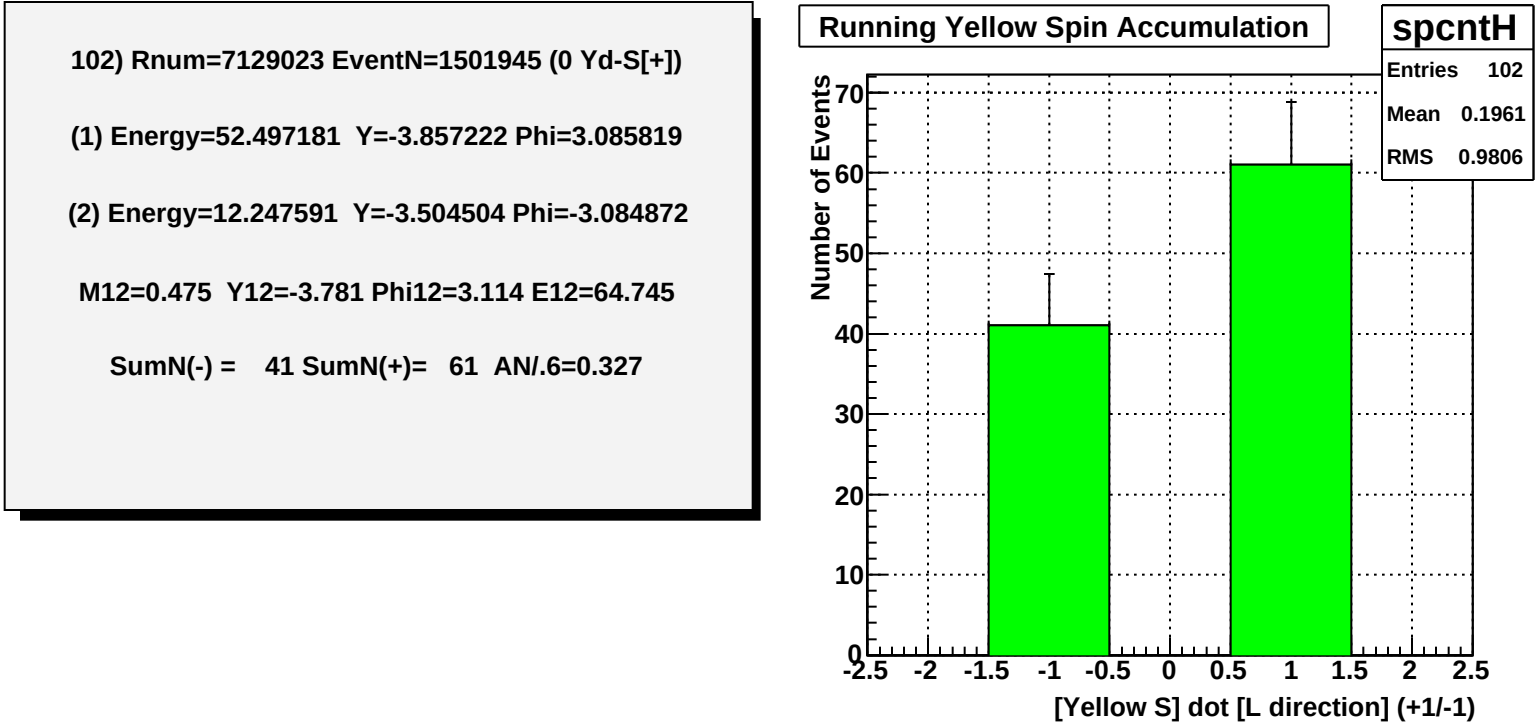
102) Rnum=7129023 EventN=1501945 (0 Yd-S[+])

(1) Energy=52.497181 Y=-3.857222 Phi=3.085819

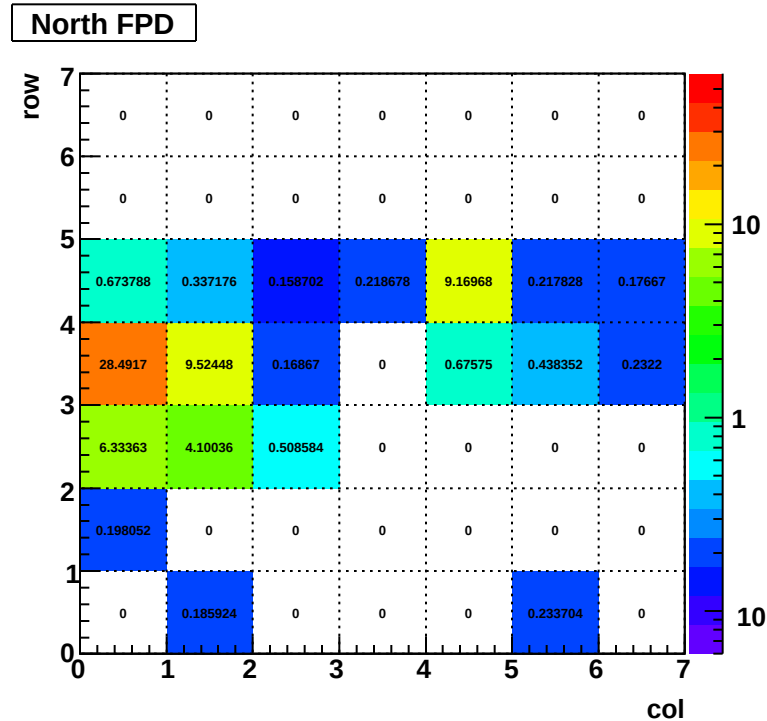
(2) Energy=12.247591 Y=-3.504504 Phi=-3.084872

M12=0.475 Y12=-3.781 Phi12=3.114 E12=64.745

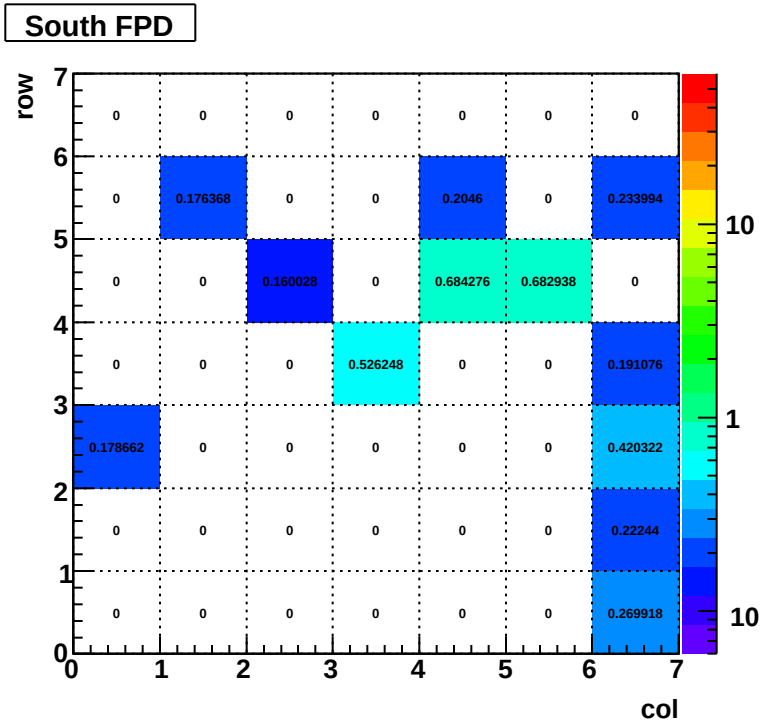
SumN(-) = 41 SumN(+)= 61 AN/.6=0.327



North FPD



South FPD



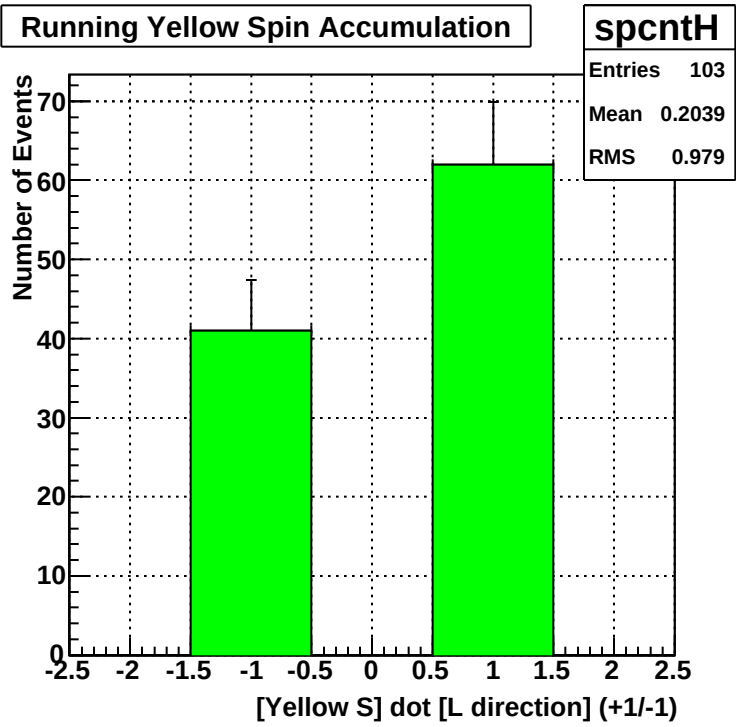
103) Rnum=7129031 EventN=7706150 (2 Yd-S[+])

(1) Energy=46.353848 Y=-3.806255 Phi=-2.980996

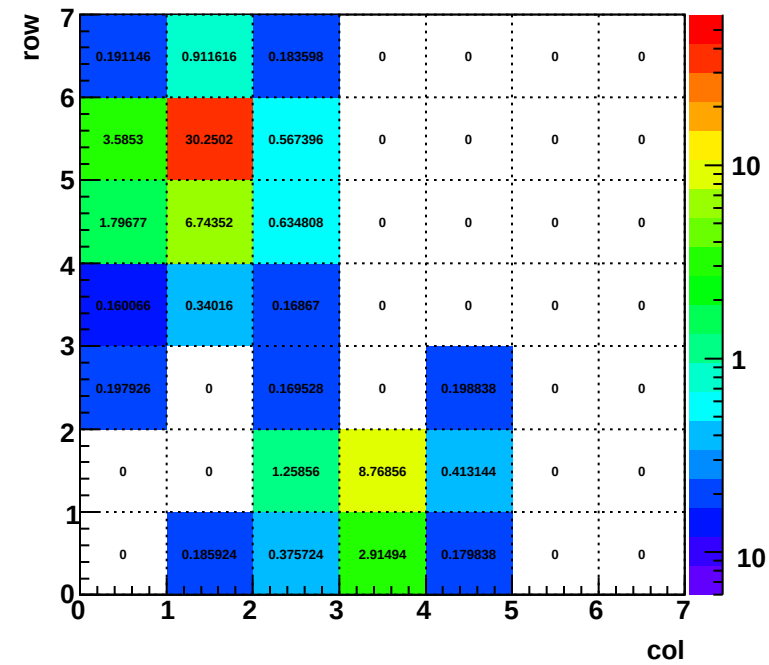
(2) Energy=14.447391 Y=-3.598955 Phi=2.921300

M12=0.551 Y12=-3.768 Phi12=-3.086 E12=60.801

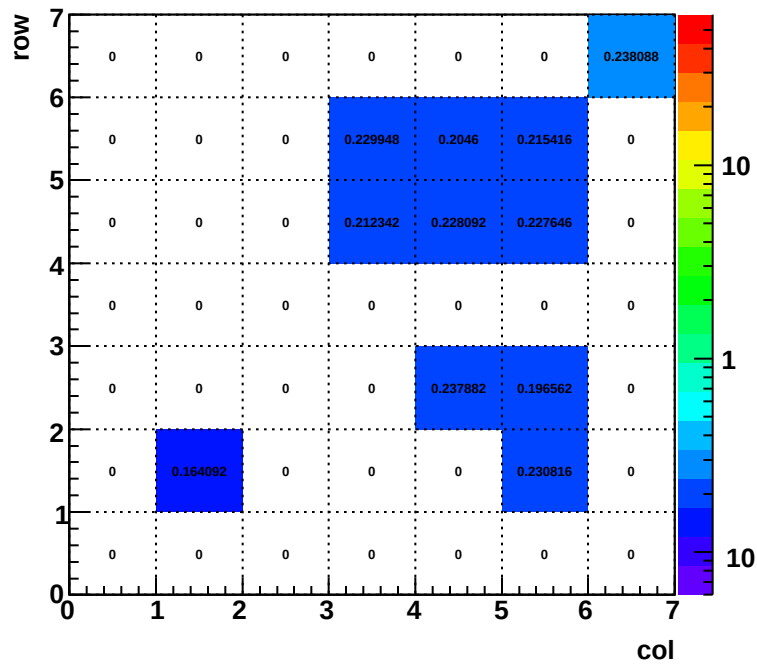
SumN(-) = 41 SumN(+) = 62 AN/.6=0.340



North FPD



South FPD



104) Rnum=7129031 EventN=8702667 (1 Yu-N[+])

(1) Energy=35.659828 Y=-3.746482 Phi=-0.257014

(2) Energy=24.804424 Y=-3.501927 Phi=0.025669

M12=0.592 Y12=-3.649 Phi12=-0.124 E12=60.464

SumN(-) = 41 SumN(+)= 63 AN/.6=0.353

104) Rnum=7129031 EventN=8702667 (1 Yu-N[+])

(1) Energy=35.659828 Y=-3.746482 Phi=-0.257014

(2) Energy=24.804424 Y=-3.501927 Phi=0.025669

M12=0.592 Y12=-3.649 Phi12=-0.124 E12=60.464

SumN(-) = 41 SumN(+)= 63 AN/.6=0.353

104) Rnum=7129031 EventN=8702667 (1 Yu-N[+])

(1) Energy=35.659828 Y=-3.746482 Phi=-0.257014

(2) Energy=24.804424 Y=-3.501927 Phi=0.025669

M12=0.592 Y12=-3.649 Phi12=-0.124 E12=60.464

SumN(-) = 41 SumN(+)= 63 AN/.6=0.353

104) Rnum=7129031 EventN=8702667 (1 Yu-N[+])

(1) Energy=35.659828 Y=-3.746482 Phi=-0.257014

(2) Energy=24.804424 Y=-3.501927 Phi=0.025669

M12=0.592 Y12=-3.649 Phi12=-0.124 E12=60.464

SumN(-) = 41 SumN(+)= 63 AN/.6=0.353

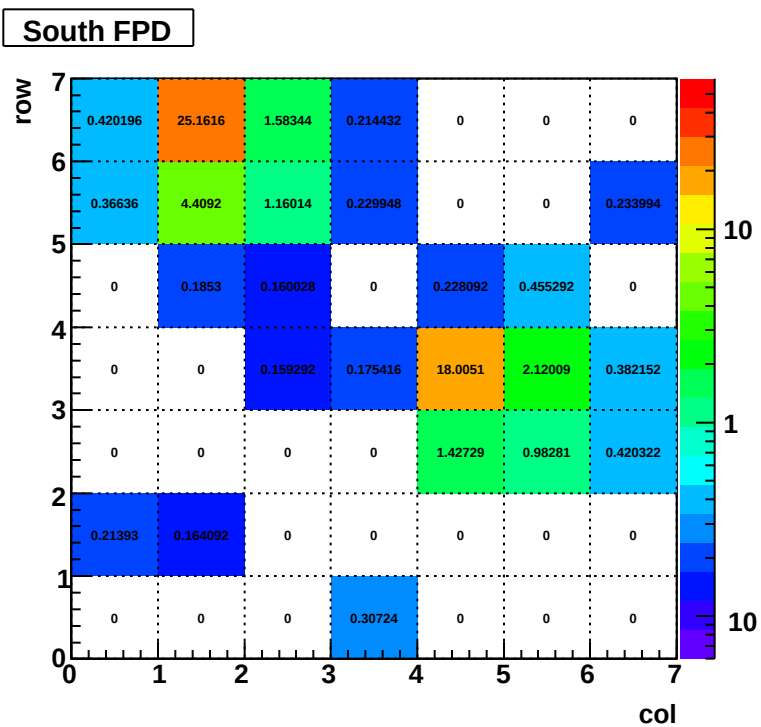
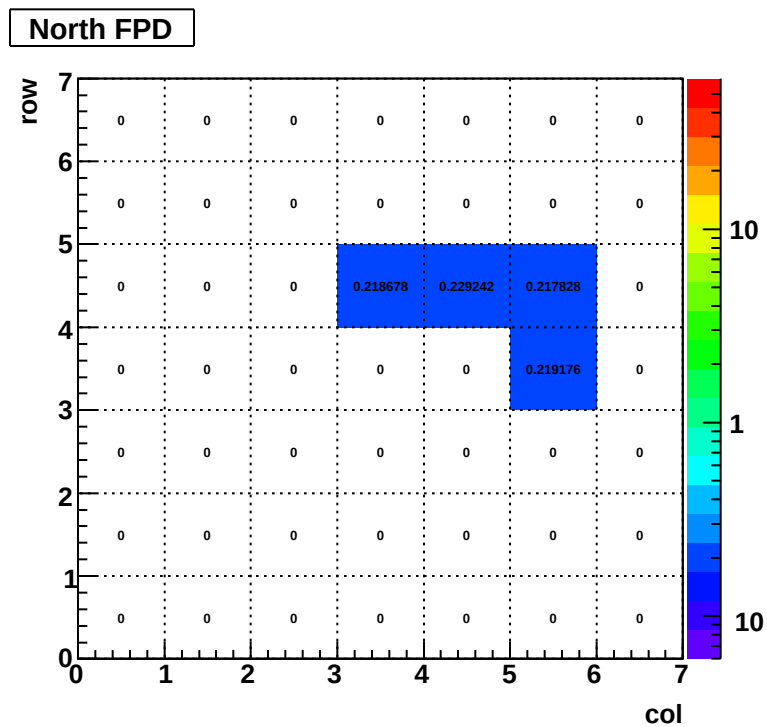
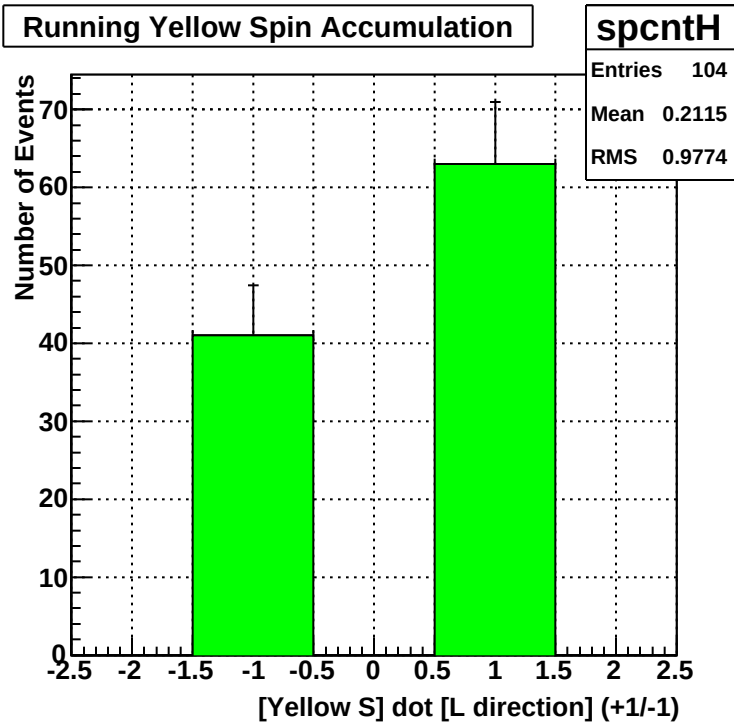
104) Rnum=7129031 EventN=8702667 (1 Yu-N[+])

(1) Energy=35.659828 Y=-3.746482 Phi=-0.257014

(2) Energy=24.804424 Y=-3.501927 Phi=0.025669

M12=0.592 Y12=-3.649 Phi12=-0.124 E12=60.464

SumN(-) = 41 SumN(+)= 63 AN/.6=0.353



105) Rnum=7129041 EventN=4000514 (3 Yu-S[-])

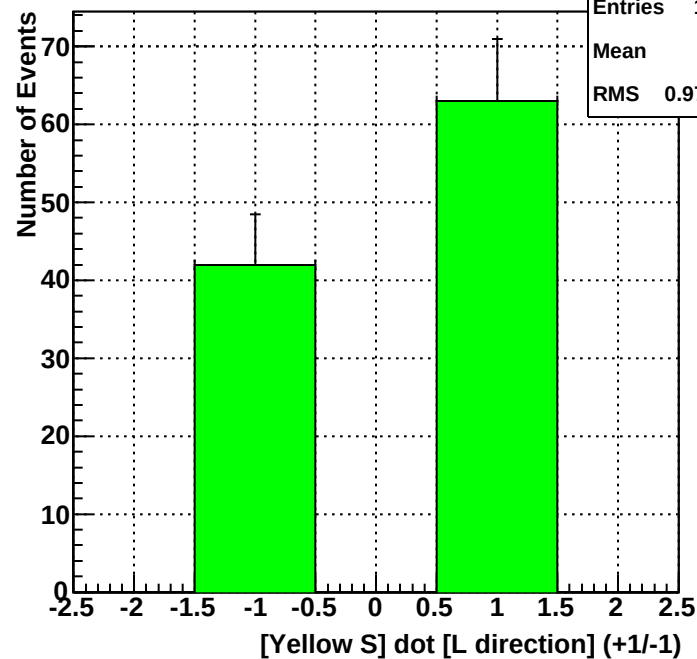
(1) Energy=48.662880 Y=-3.644367 Phi=2.929959

(2) Energy=18.561852 Y=-3.778842 Phi=-3.023624

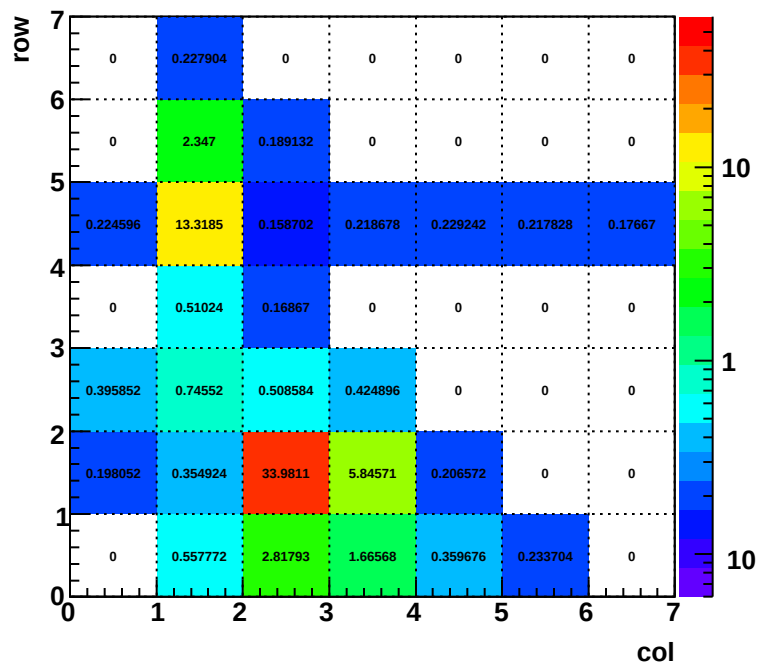
M12=0.521 Y12=-3.690 Phi12=3.012 E12=67.225

SumN(-) = 42 SumN(+)= 63 AN/.6=0.333

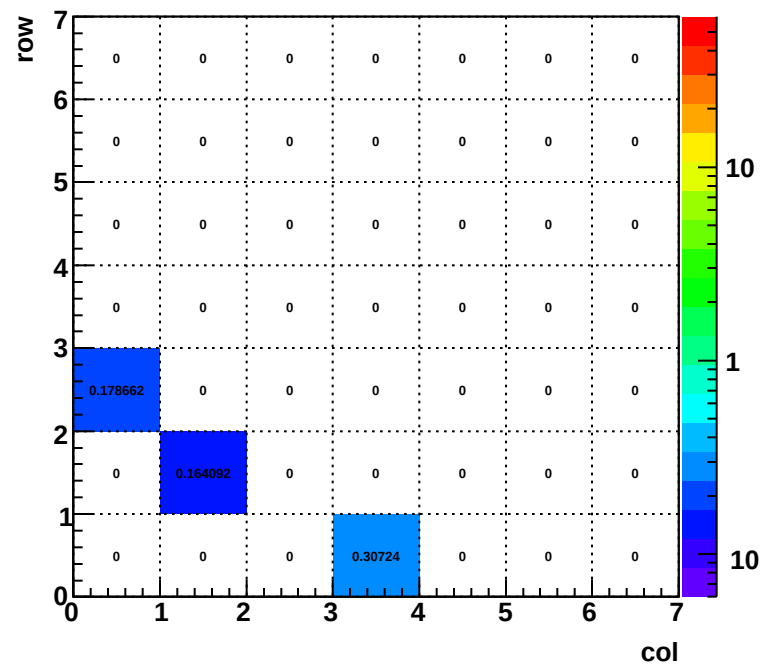
Running Yellow Spin Accumulation



North FPD



South FPD



106) Rnum=7129041 EventN=4505040 (0 Yd-S[+])

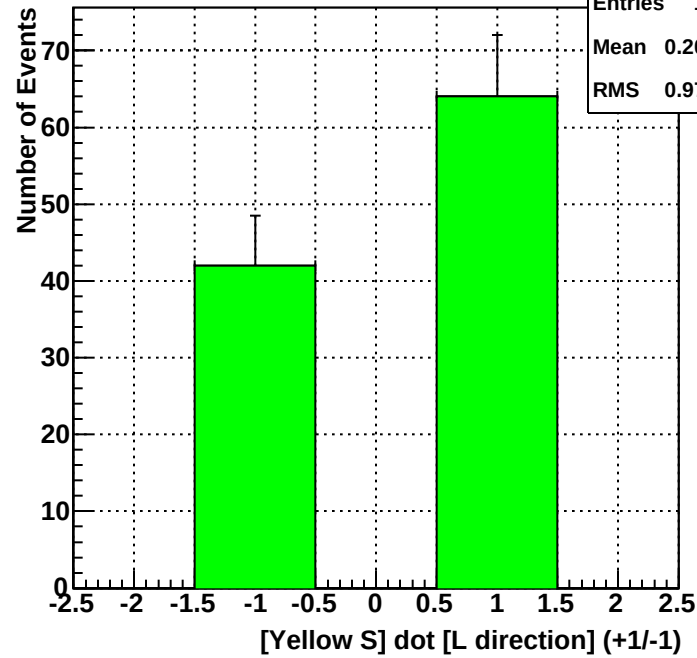
(1) Energy=46.101307 Y=-3.915184 Phi=3.126239

(2) Energy=16.644836 Y=-3.468899 Phi=3.074867

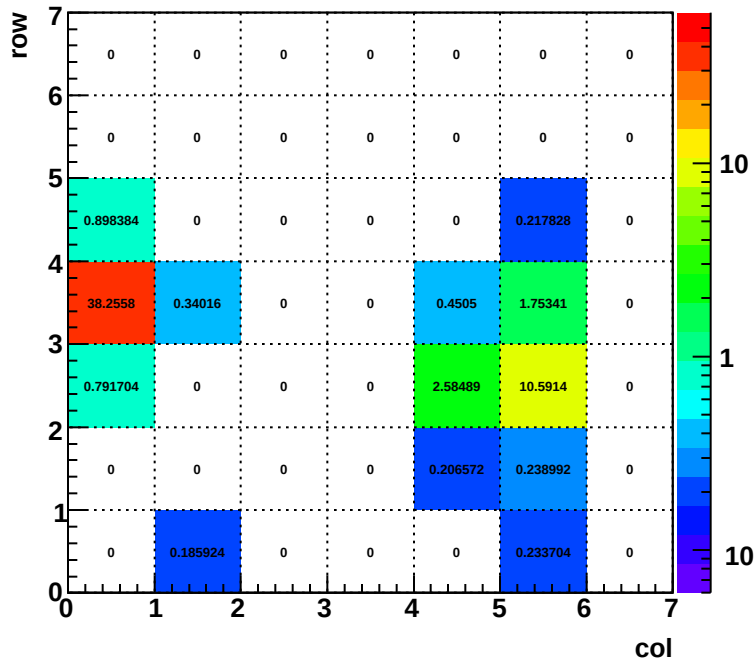
M12=0.625 Y12=-3.776 Phi12=3.108 E12=62.746

SumN(-) = 42 SumN(+) = 64 AN/6=0.346

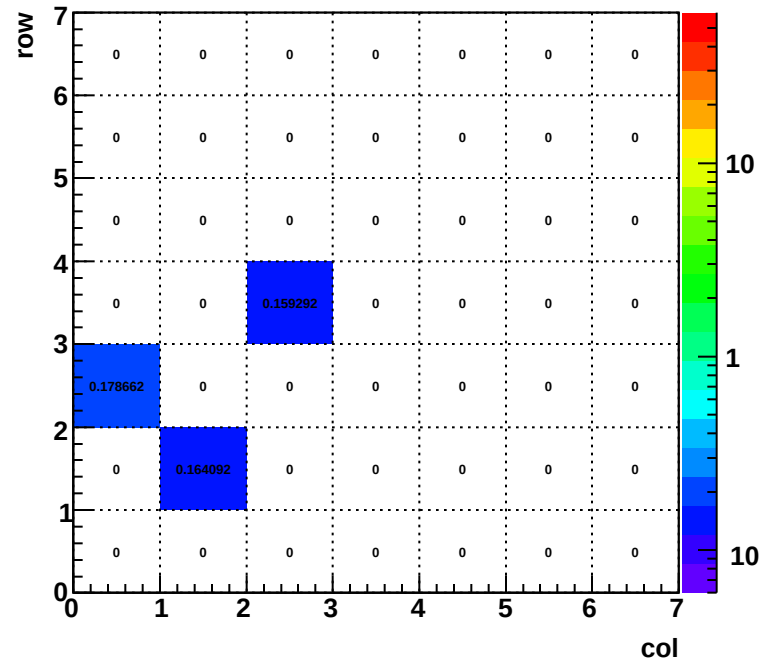
Running Yellow Spin Accumulation



North FPD



South FPD



107) Rnum=7129041 EventN=800464 (2 Yd-S[+])

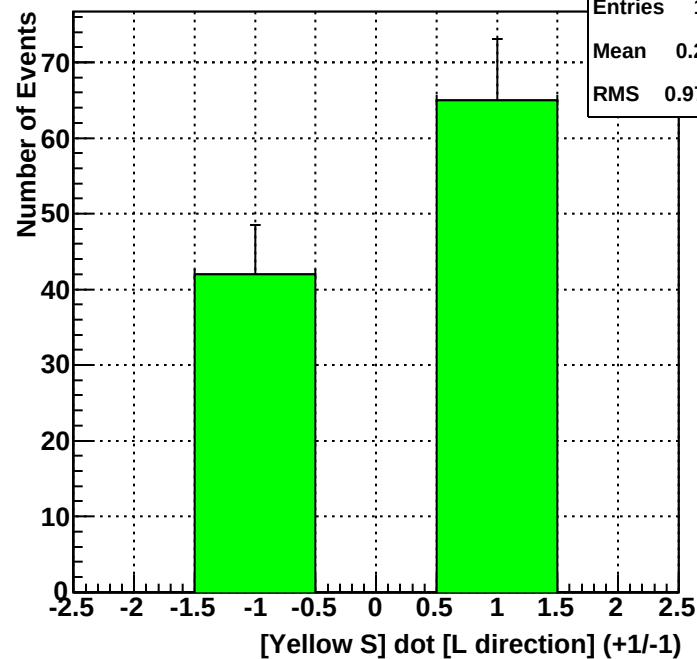
(1) Energy=37.300064 Y=-3.921682 Phi=3.101699

(2) Energy=27.066992 Y=-3.575739 Phi=-3.072870

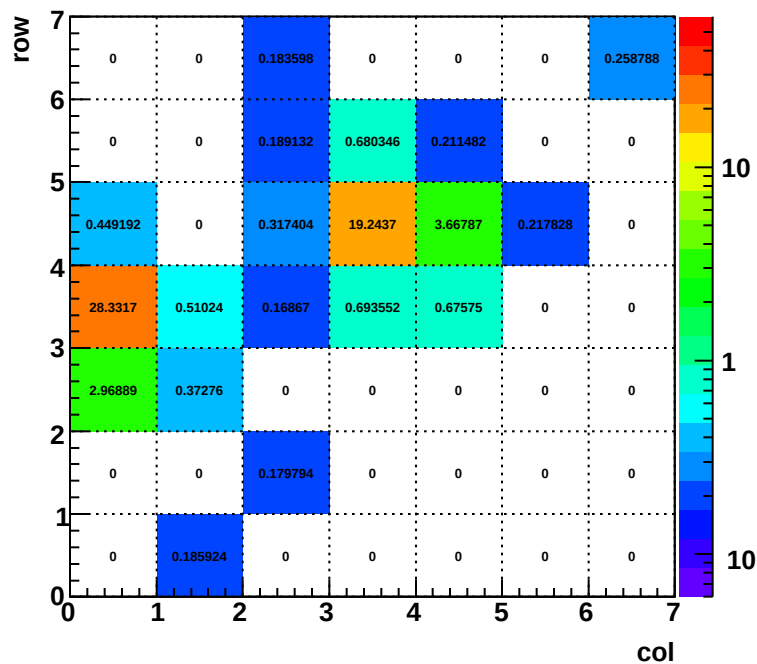
M12=0.545 Y12=-3.763 Phi12=-3.127 E12=64.367

SumN(-) = 42 SumN(+) = 65 AN/.6=0.358

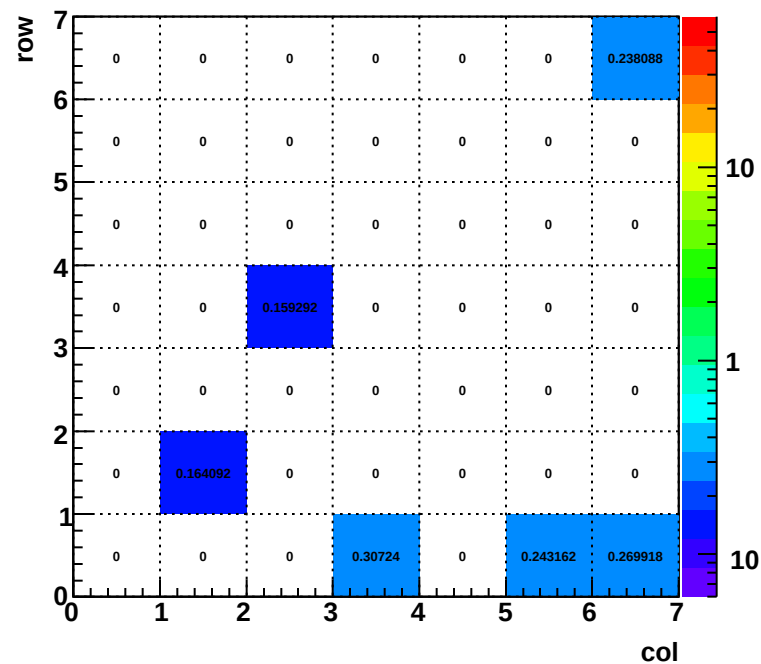
Running Yellow Spin Accumulation



North FPD



South FPD



108) Rnum=7129052 EventN=1606630 (3 Yu-N[+])

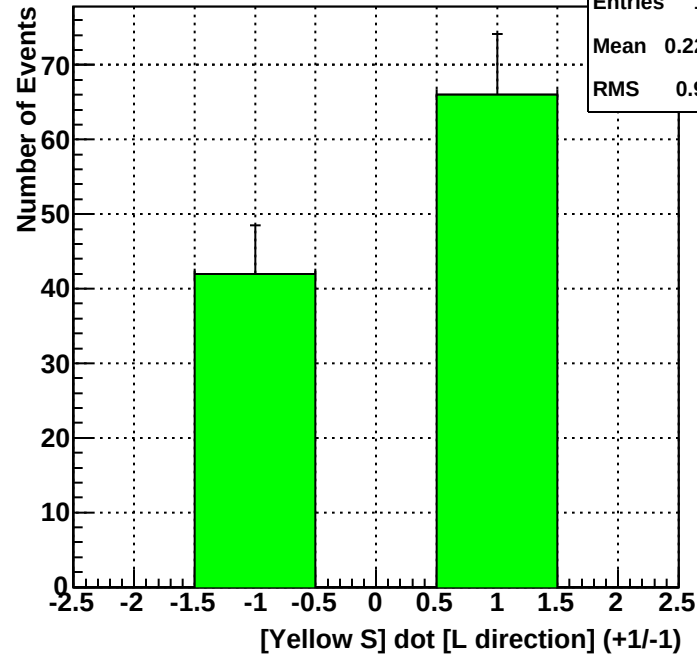
(1) Energy=47.220276 Y=-3.660917 Phi=-0.087450

(2) Energy=17.954502 Y=-3.858953 Phi=0.289924

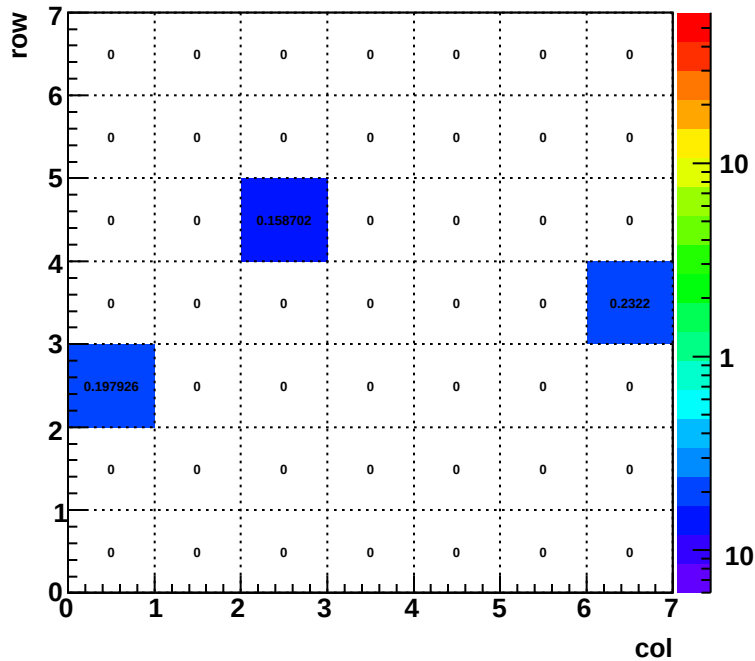
M12=0.575 Y12=-3.725 Phi12=0.001 E12=65.175

SumN(-) = 42 SumN(+)= 66 AN/.6=0.370

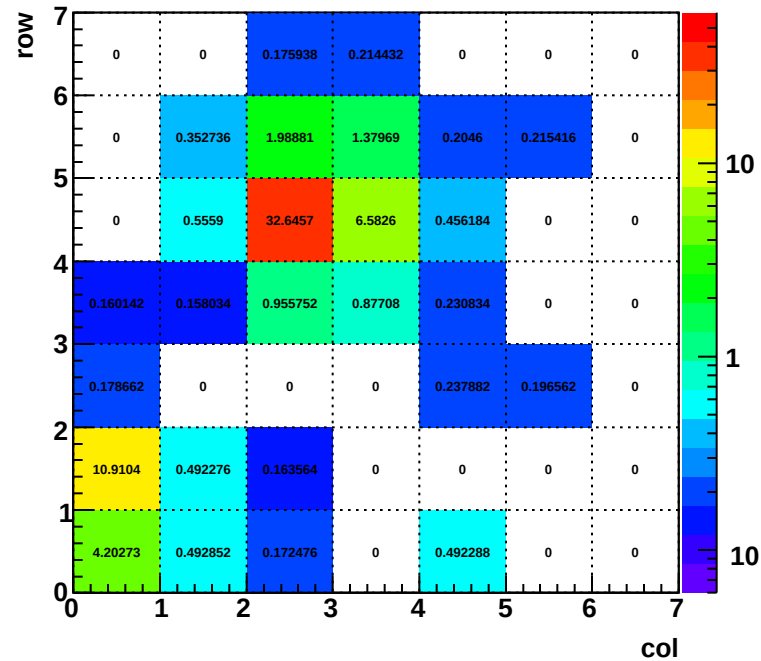
Running Yellow Spin Accumulation



North FPD



South FPD



109) Rnum=7129060 EventN=5501859 (3 Yu-S[-])

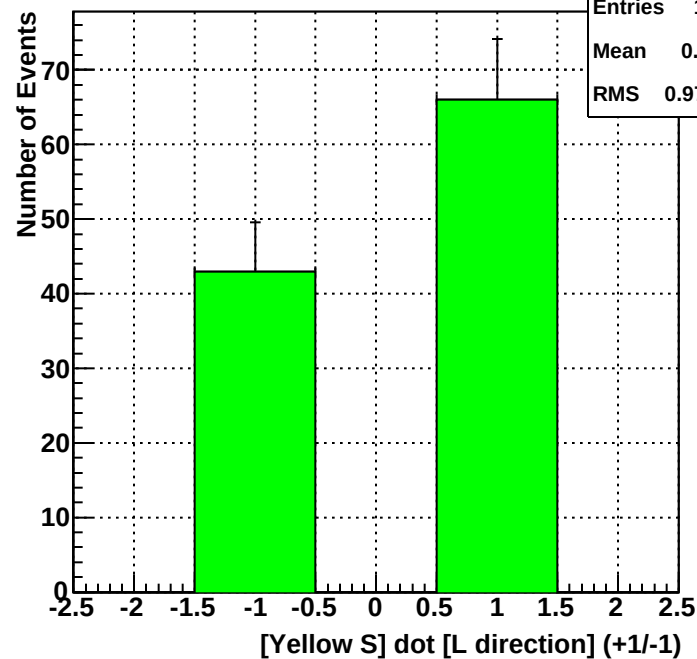
(1) Energy=49.898941 Y=-3.797190 Phi=3.098159

(2) Energy=16.735340 Y=-3.470601 Phi=2.978397

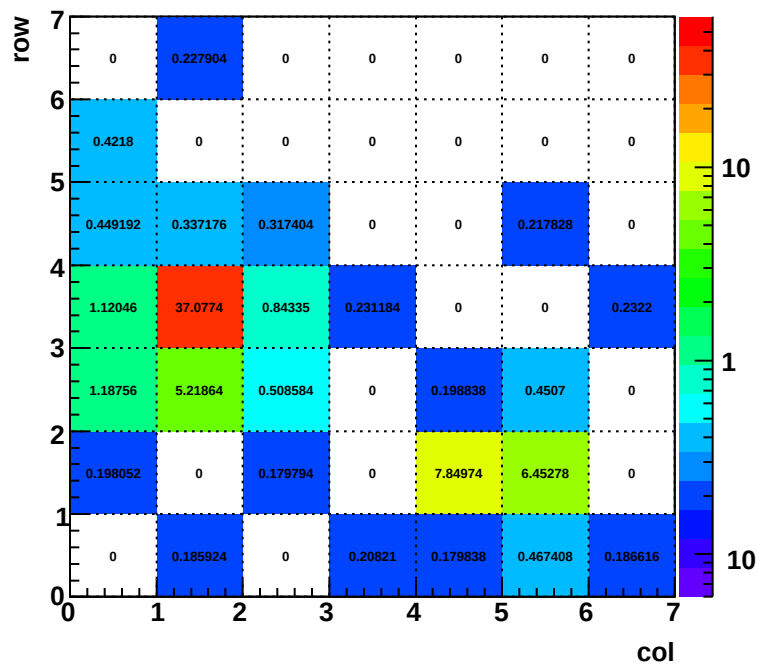
M12=0.533 Y12=-3.706 Phi12=3.060 E12=66.634

SumN(-) = 43 SumN(+) = 66 AN/.6=0.352

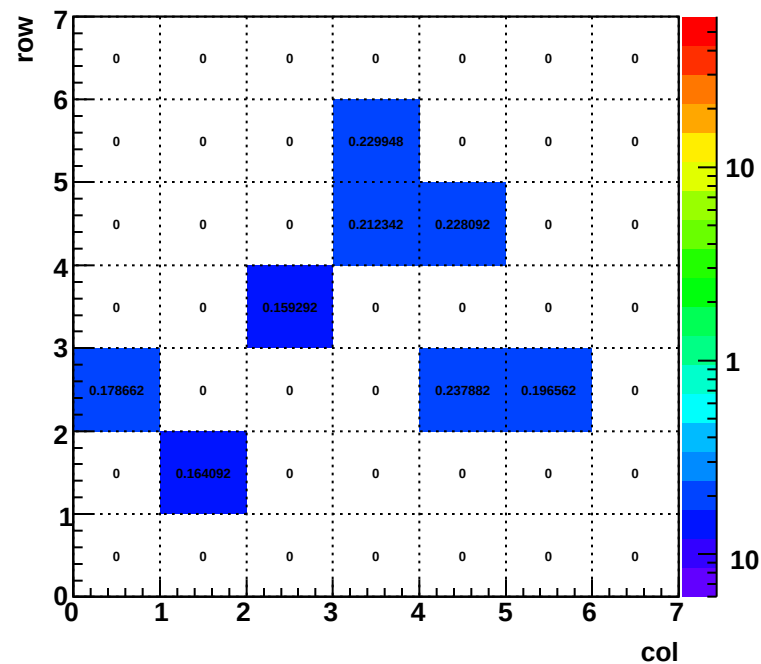
Running Yellow Spin Accumulation



North FPD



South FPD



110) Rnum=7129063 EventN=4105046 (1 Yu-N[+])

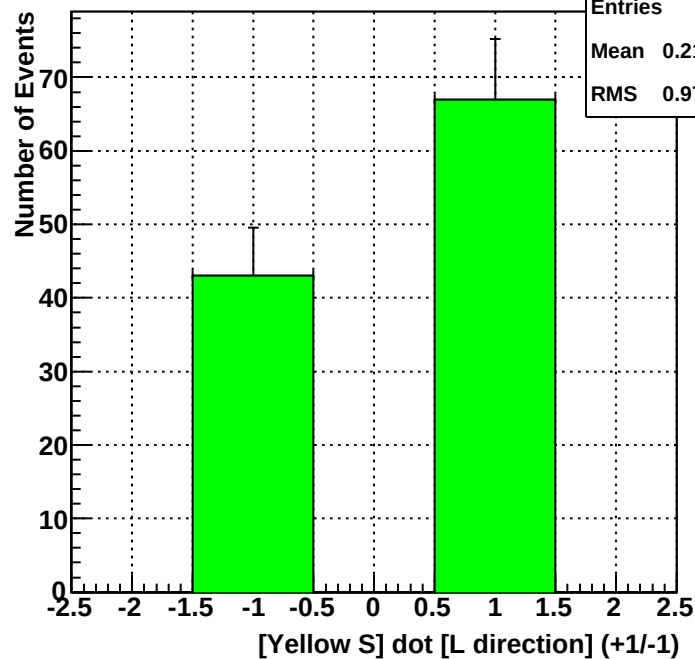
(1) Energy=39.078293 Y=-3.688760 Phi=-0.228866

(2) Energy=28.817160 Y=-3.847115 Phi=0.125551

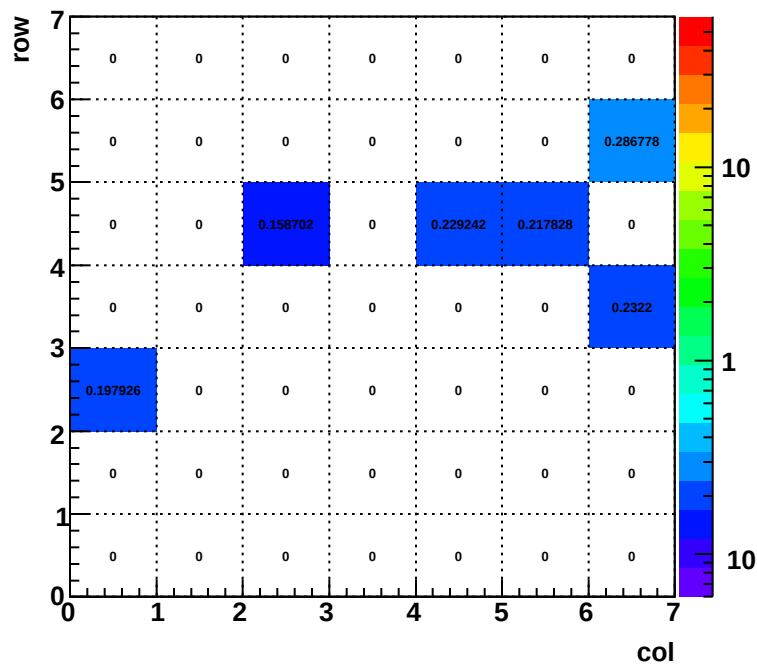
M12=0.599 Y12=-3.768 Phi12=-0.092 E12=67.895

SumN(-) = 43 SumN(+) = 67 AN/6=0.364

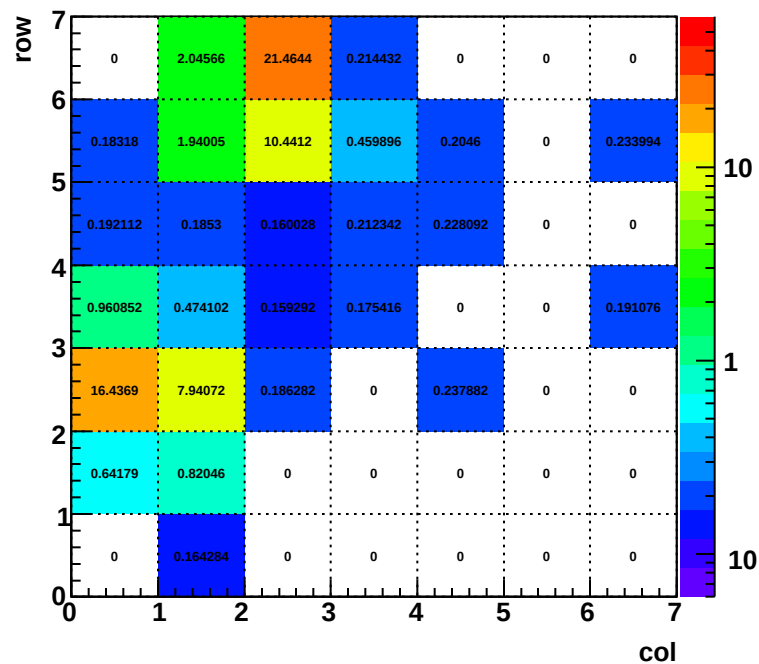
Running Yellow Spin Accumulation



North FPD



South FPD



111) Rnum=7129065 EventN=5003835 (2 Yd-N[-])

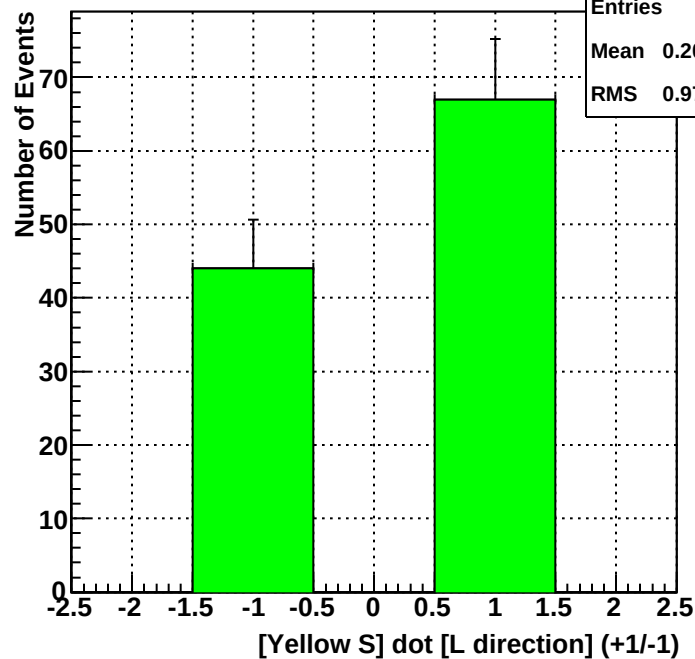
(1) Energy=39.522514 Y=-3.649629 Phi=-0.137160

(2) Energy=25.978888 Y=-3.908337 Phi=0.129757

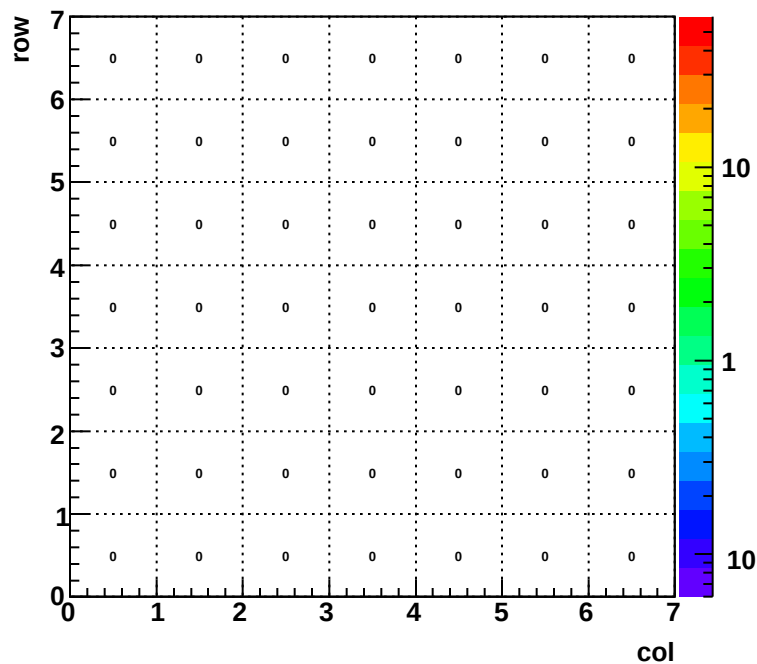
M12=0.544 Y12=-3.752 Phi12=-0.048 E12=65.501

SumN(-) = 44 SumN(+)= 67 AN/.6=0.345

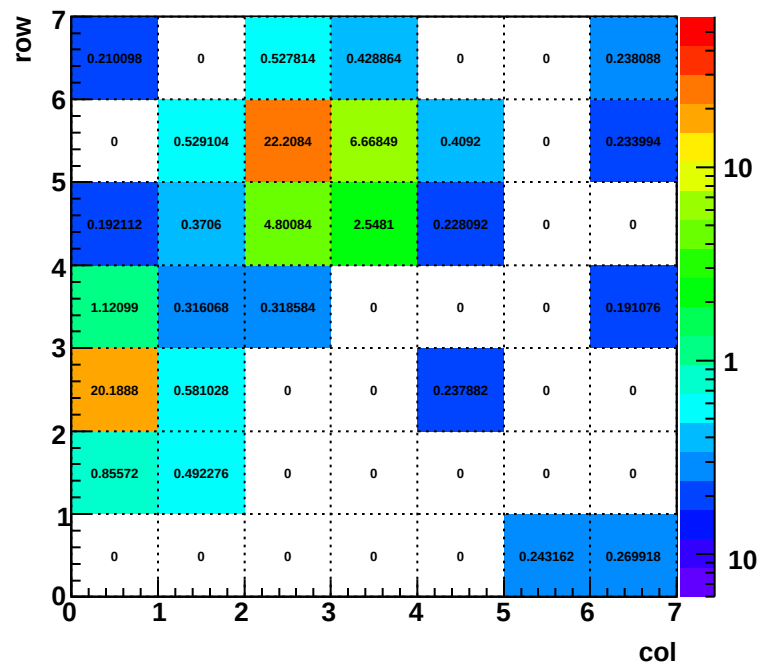
Running Yellow Spin Accumulation



North FPD



South FPD



112) Rnum=7120019 EventN=606843 (3 Yu-N[+])

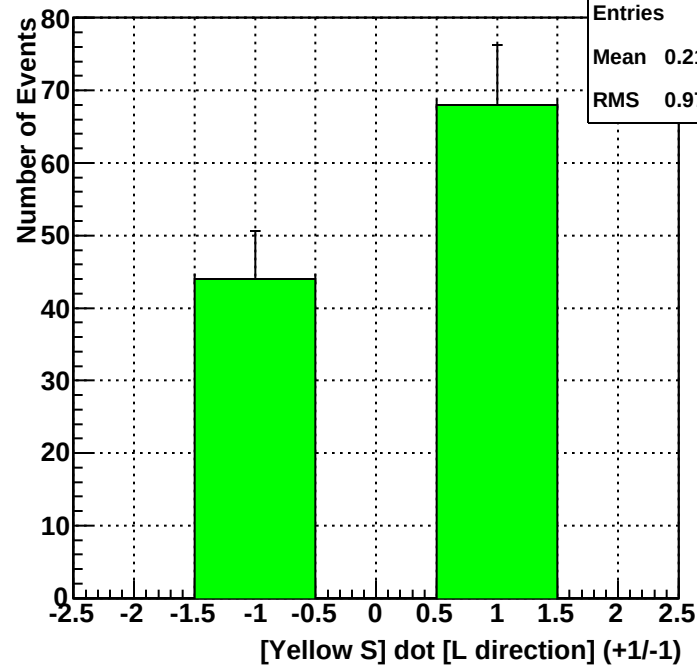
(1) Energy=28.950409 Y=-3.391845 Phi=0.083725

(2) Energy=31.212734 Y=-3.733804 Phi=0.089121

M12=0.585 Y12=-3.555 Phi12=0.086 E12=60.163

SumN(-) = 44 SumN(+)= 68 AN/.6=0.357

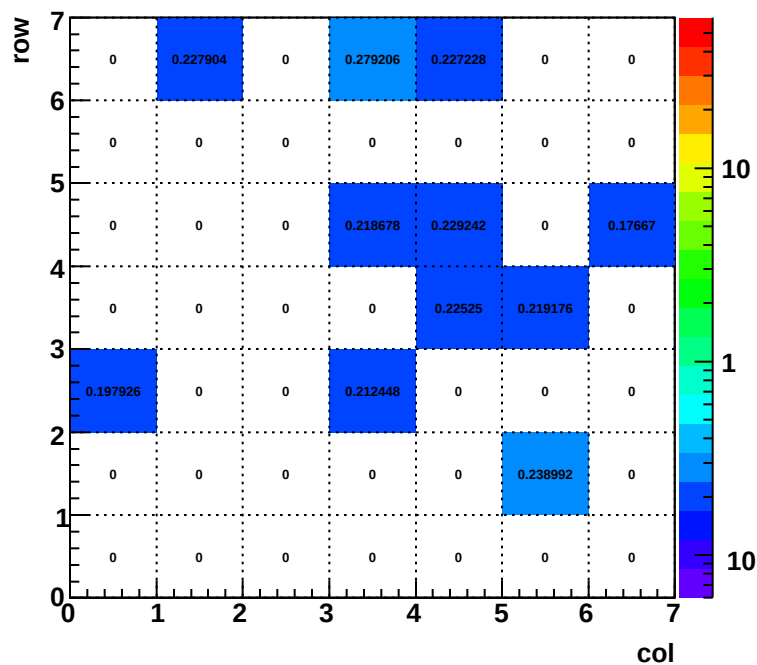
Running Yellow Spin Accumulation



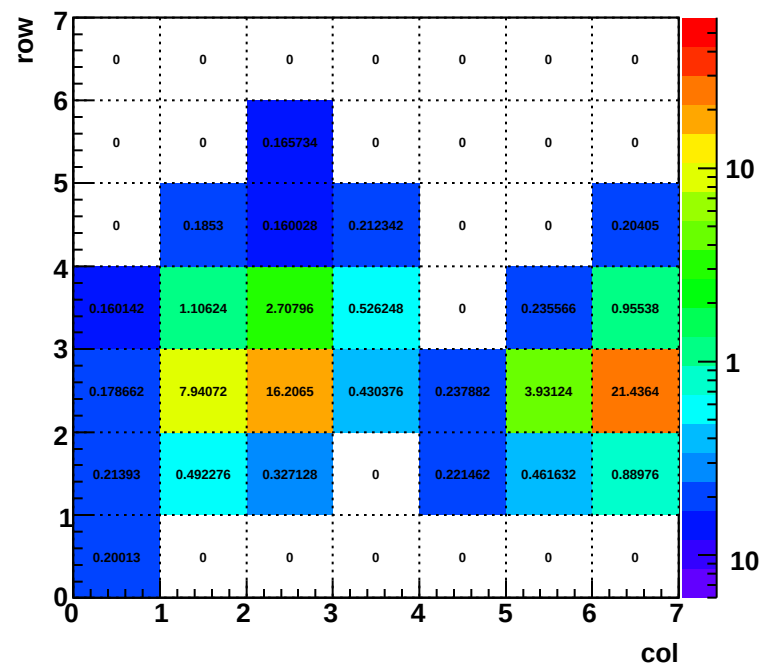
spcntH

Entries	112
Mean	0.2143
RMS	0.9768

North FPD



South FPD



113) Rnum=7120026 EventN=1006658 (0 Yd-N[-])

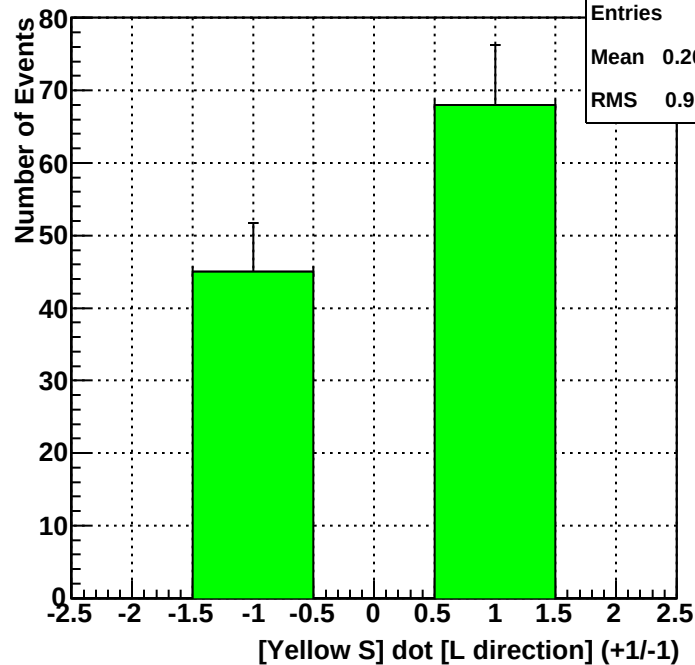
(1) Energy=47.864182 Y=-3.683152 Phi=0.193221

(2) Energy=20.055531 Y=-3.553778 Phi=-0.107511

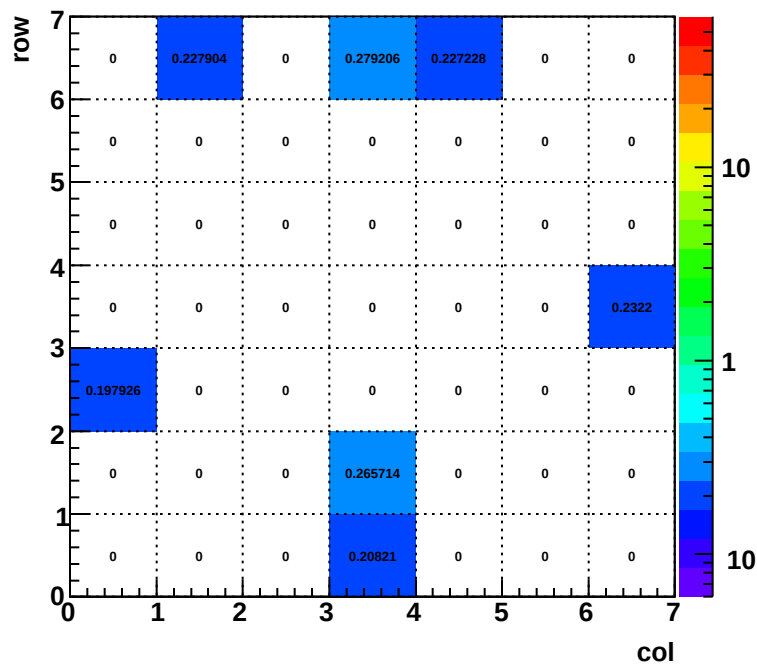
M12=0.542 Y12=-3.653 Phi12=0.096 E12=67.920

SumN(-) = 45 SumN(+)= 68 AN/6=0.339

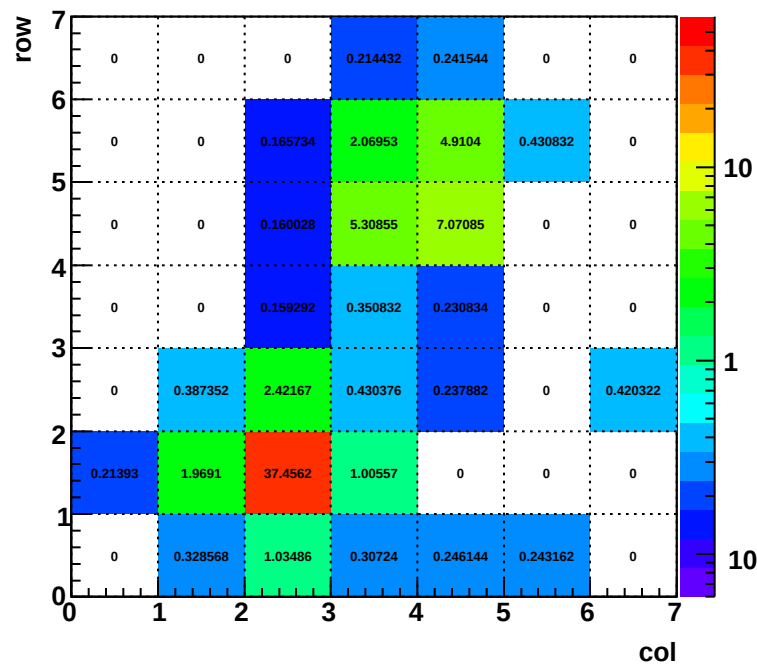
Running Yellow Spin Accumulation



North FPD



South FPD



114) Rnum=7120034 EventN=803795 (3 Yu-S[-])

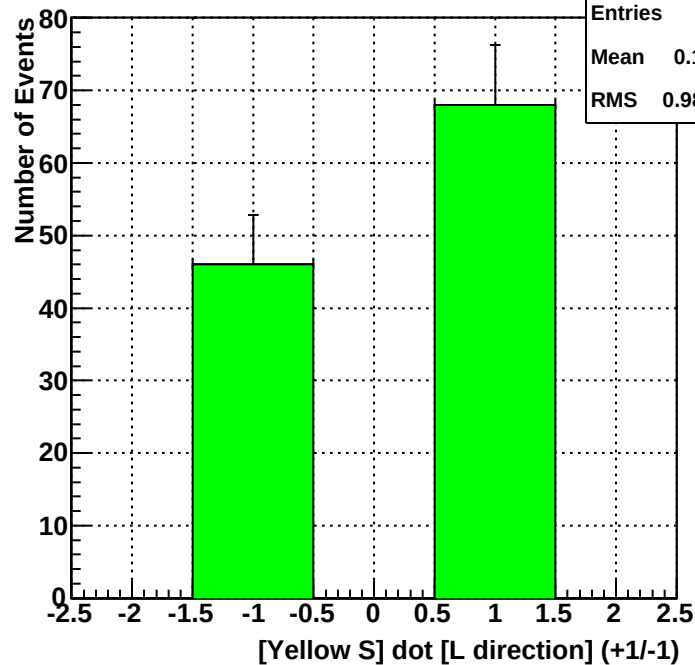
(1) Energy=46.636295 Y=-3.749870 Phi=3.079935

(2) Energy=16.551382 Y=-3.720500 Phi=-2.839661

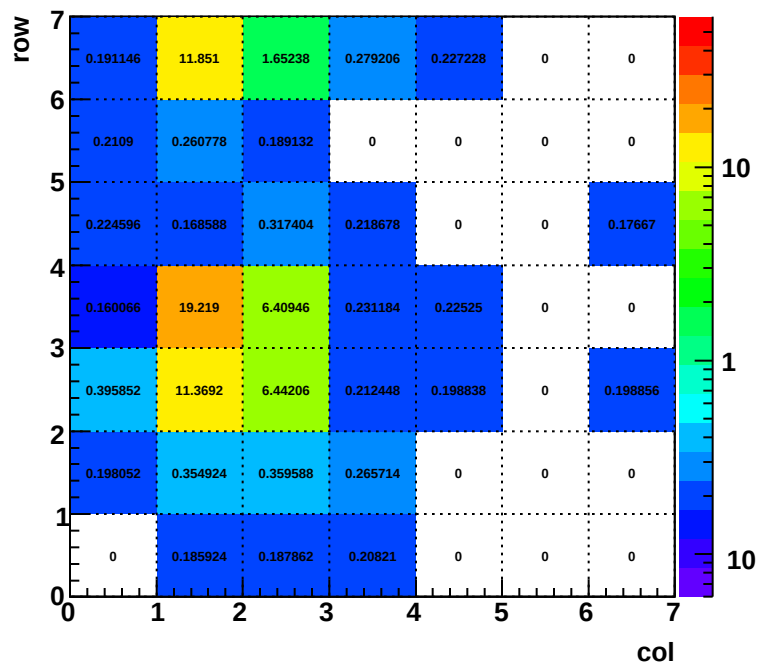
M12=0.481 Y12=-3.755 Phi12=-3.107 E12=63.188

SumN(-) = 46 SumN(+) = 68 AN/.6=0.322

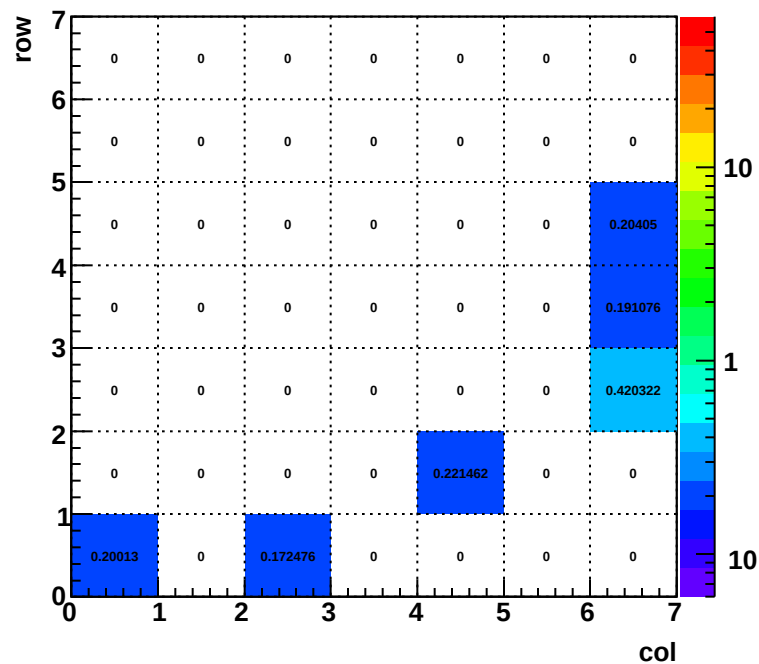
Running Yellow Spin Accumulation



North FPD



South FPD



115) Rnum=7120049 EventN=5501291 (1 Yu-N[+])

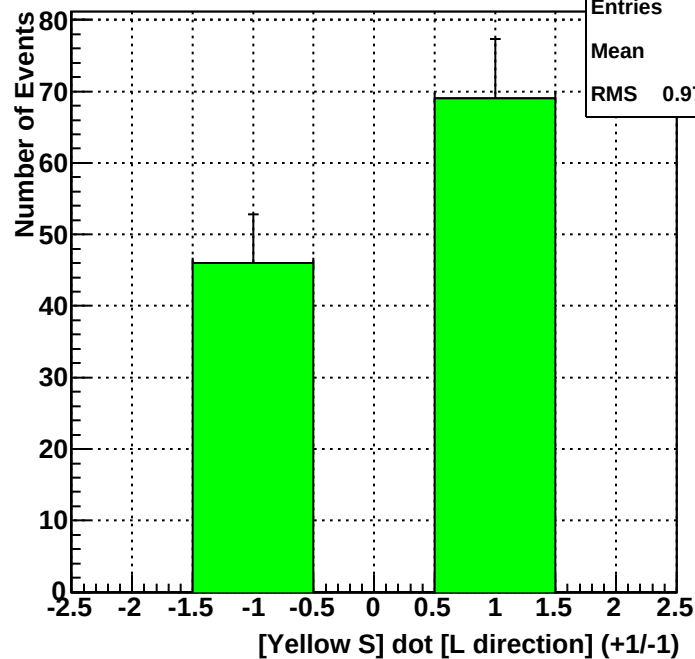
(1) Energy=50.955742 Y=-3.733288 Phi=-0.189549

(2) Energy=11.327768 Y=-3.494781 Phi=0.193464

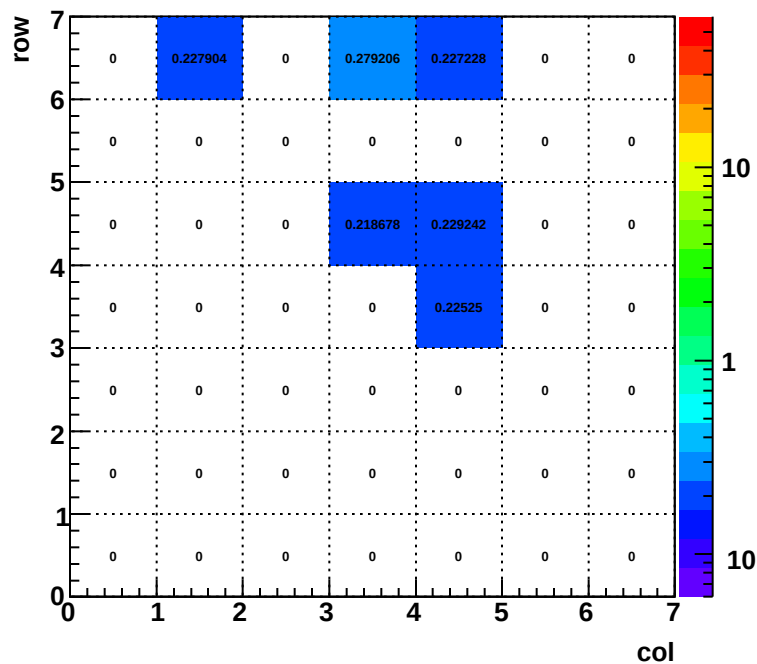
M12=0.581 Y12=-3.698 Phi12=-0.106 E12=62.284

SumN(-) = 46 SumN(+)= 69 AN/.6=0.333

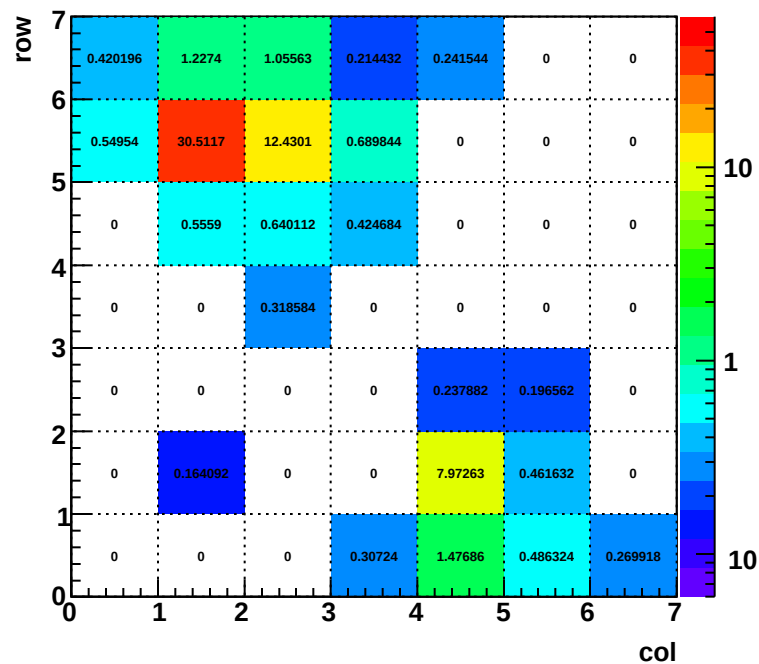
Running Yellow Spin Accumulation



North FPD



South FPD



116) Rnum=7120054 EventN=507818 (3 Yu-N[+])

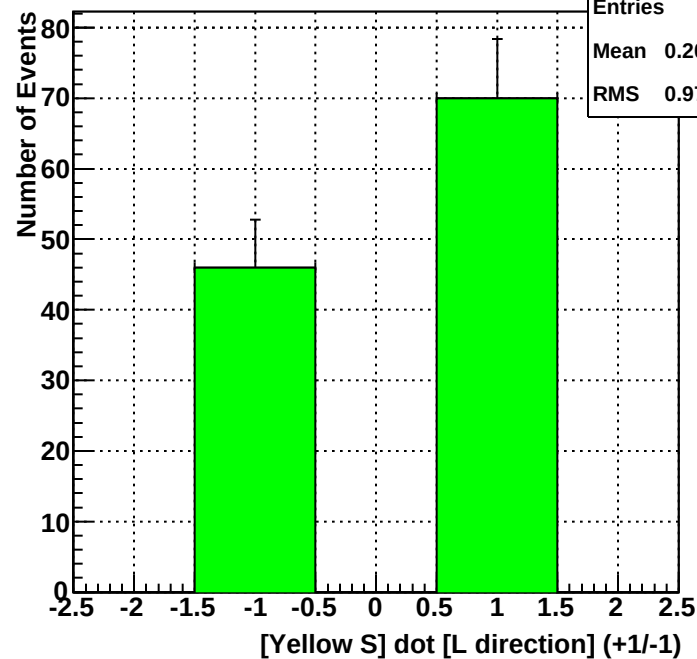
(1) Energy=51.503666 Y=-3.776361 Phi=0.045114

(2) Energy=11.412314 Y=-3.459210 Phi=0.227783

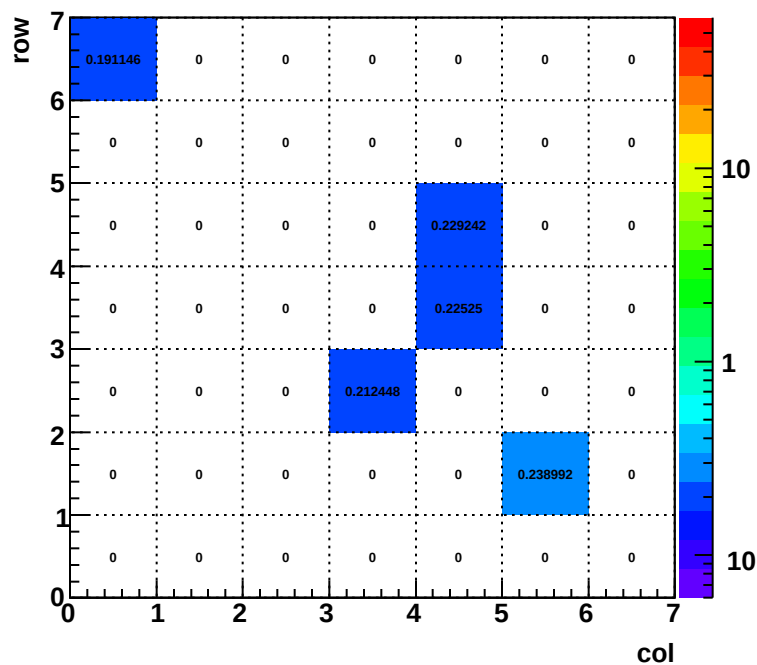
M12=0.477 Y12=-3.714 Phi12=0.088 E12=62.916

SumN(-) = 46 SumN(+) = 70 AN/6=0.345

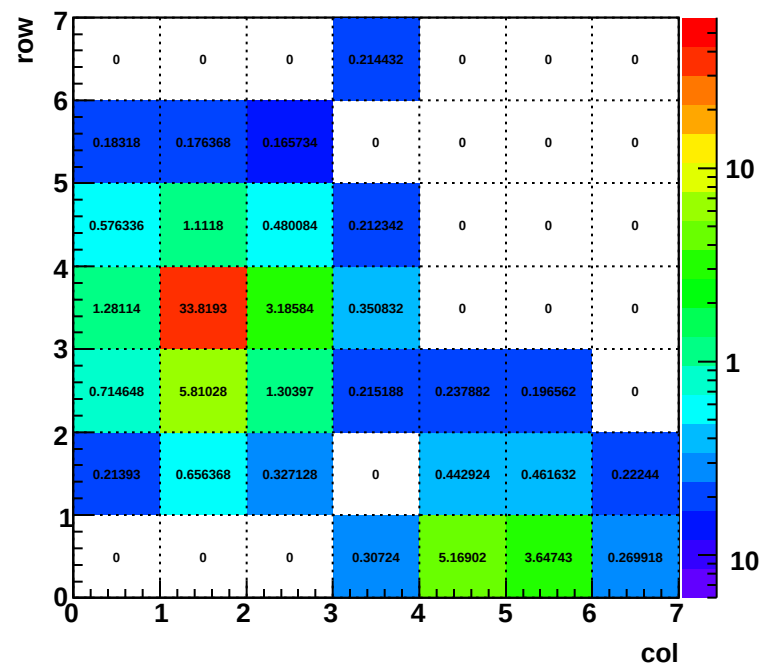
Running Yellow Spin Accumulation



North FPD



South FPD



117) Rnum=7120082 EventN=3302415 (1 Yu-N[+])

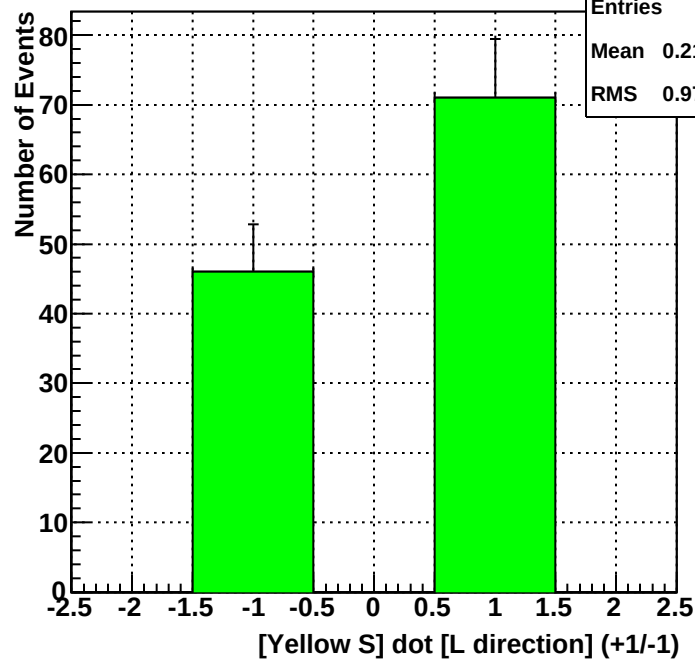
(1) Energy=41.762821 Y=-3.773654 Phi=-0.184437

(2) Energy=20.787724 Y=-3.481323 Phi=-0.077092

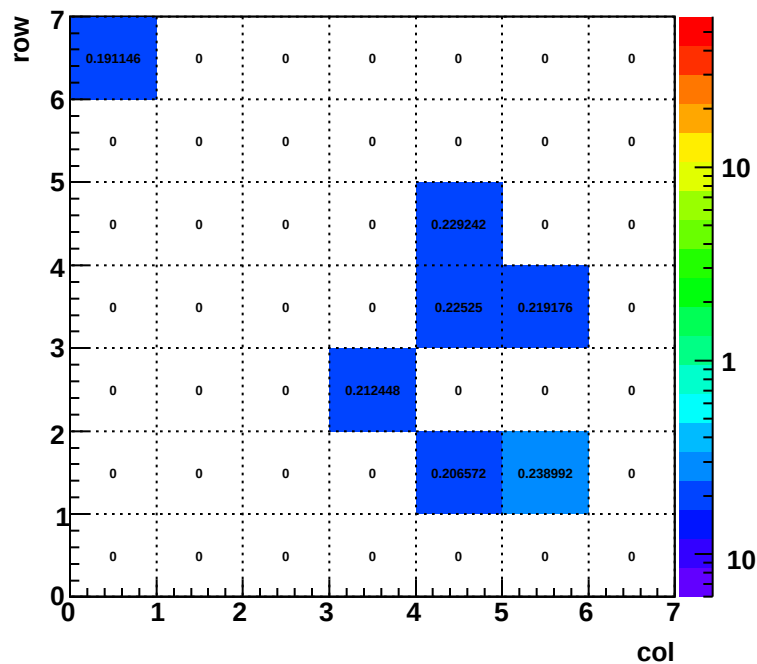
M12=0.489 Y12=-3.668 Phi12=-0.142 E12=62.551

SumN(-) = 46 SumN(+) = 71 AN/.6=0.356

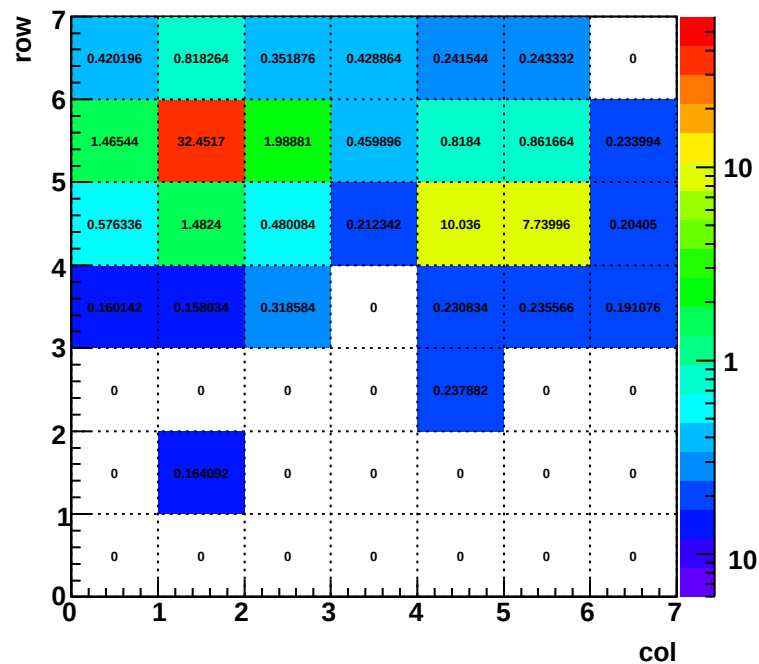
Running Yellow Spin Accumulation



North FPD



South FPD



118) Rnum=7120082 EventN=704061 (0 Yd-N[-])

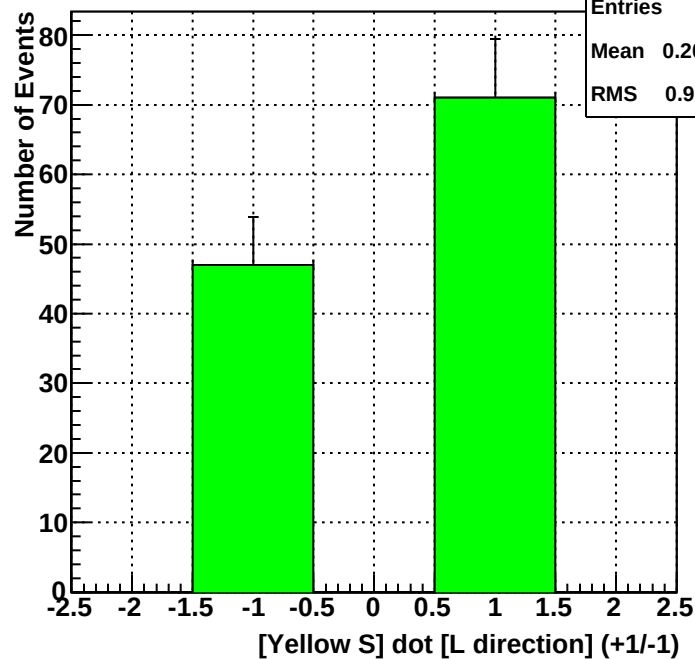
(1) Energy=47.733269 Y=-3.652251 Phi=-0.094956

(2) Energy=18.698545 Y=-3.402525 Phi=0.060097

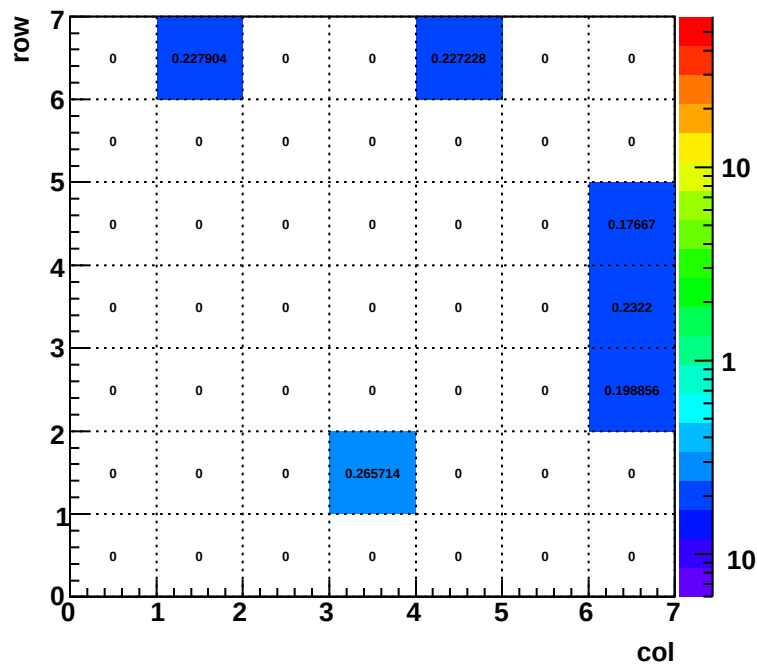
M12=0.517 Y12=-3.578 Phi12=-0.043 E12=66.432

SumN(-) = 47 SumN(+)= 71 AN/6=0.339

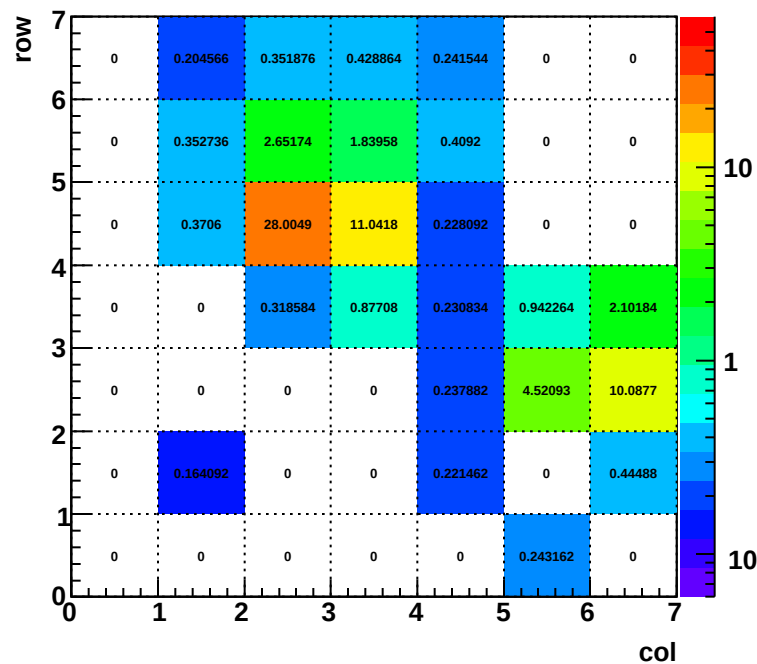
Running Yellow Spin Accumulation



North FPD



South FPD



119) Rnum=7120113 EventN=3301563 (0 Yd-S[+])

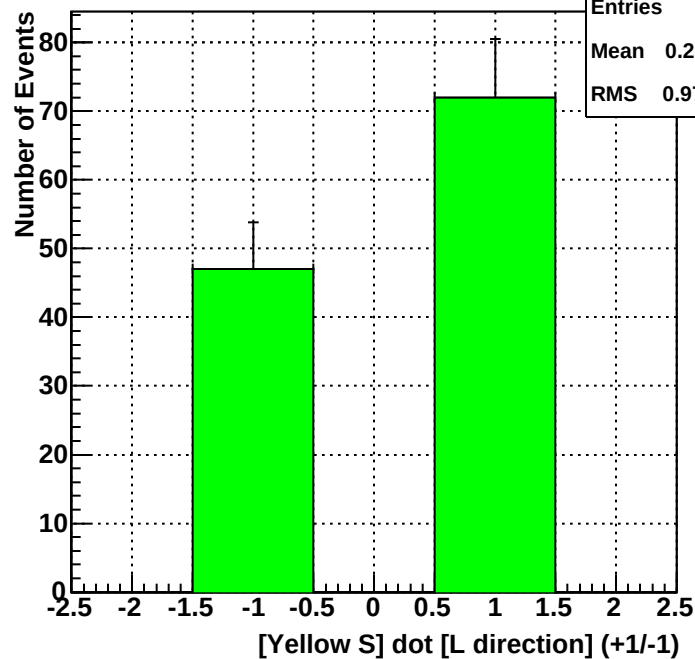
(1) Energy=50.194107 Y=-3.703917 Phi=-3.096934

(2) Energy=12.621636 Y=-3.507079 Phi=2.875703

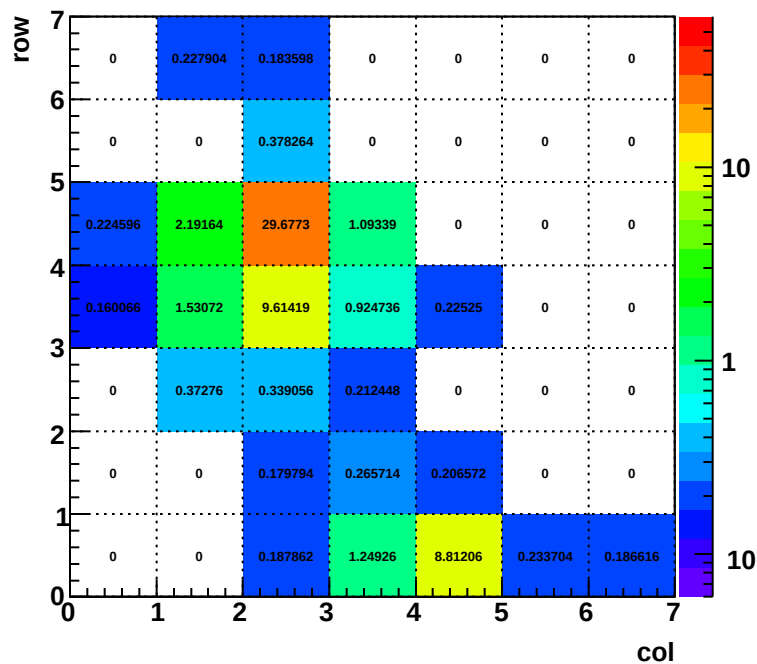
M12=0.502 Y12=-3.670 Phi12=3.114 E12=62.816

SumN(-) = 47 SumN(+)= 72 AN/.6=0.350

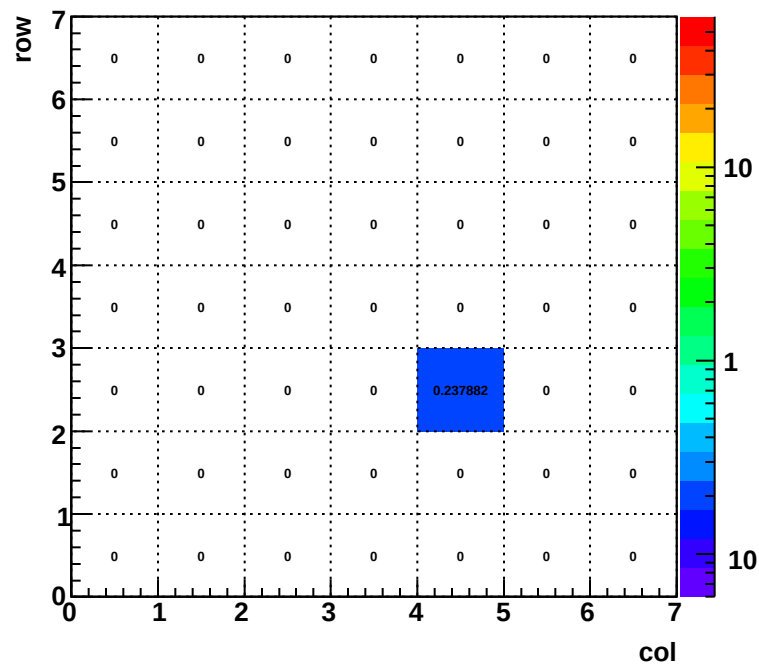
Running Yellow Spin Accumulation



North FPD



South FPD



120) Rnum=7120121 EventN=3607825 (3 Yu-N[+])

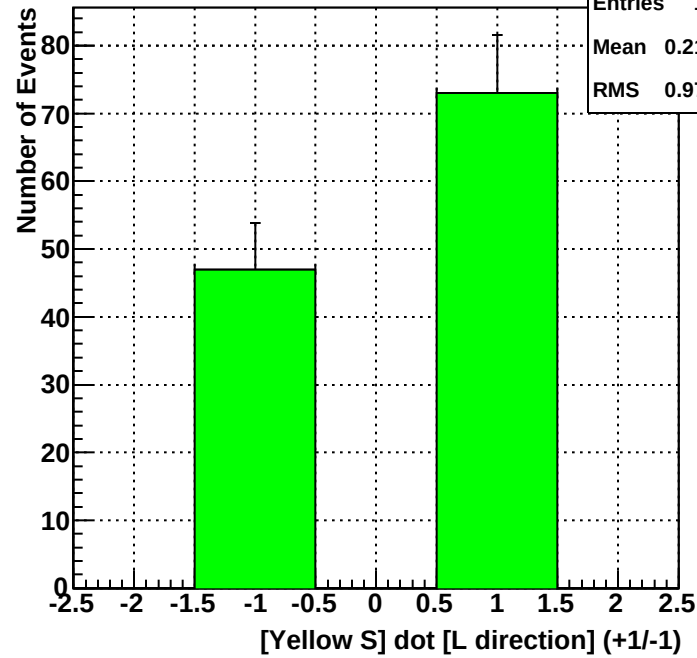
(1) Energy=49.442616 Y=-3.855240 Phi=0.020343

(2) Energy=14.415638 Y=-3.453044 Phi=-0.000421

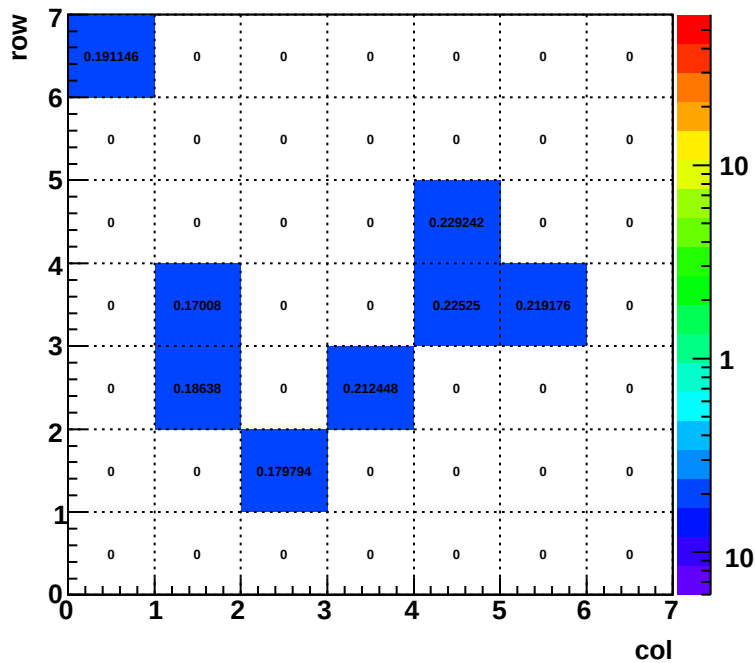
M12=0.560 Y12=-3.749 Phi12=0.014 E12=63.858

SumN(-) = 47 SumN(+) = 73 ANI.6=0.361

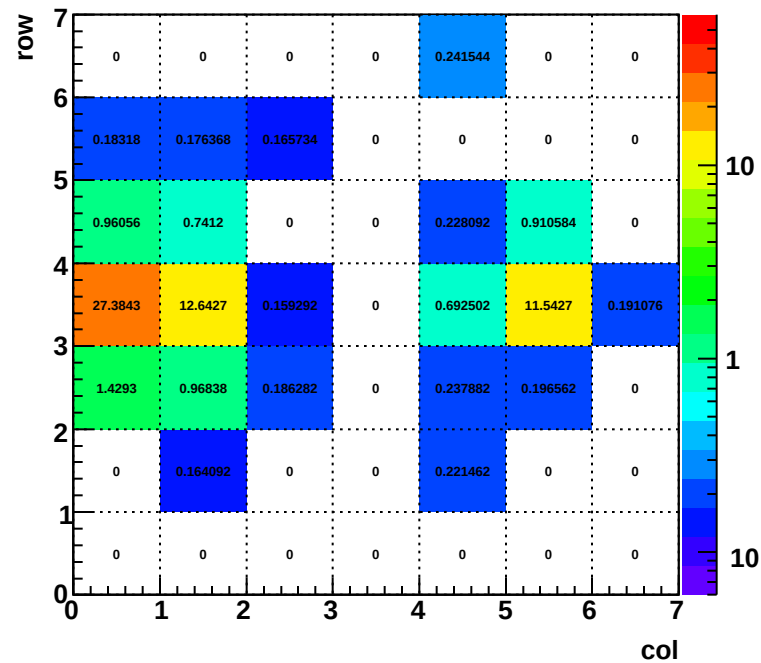
Running Yellow Spin Accumulation



North FPD



South FPD



121) Rnum=7120121 EventN=1305561 (1 Yu-S[-])

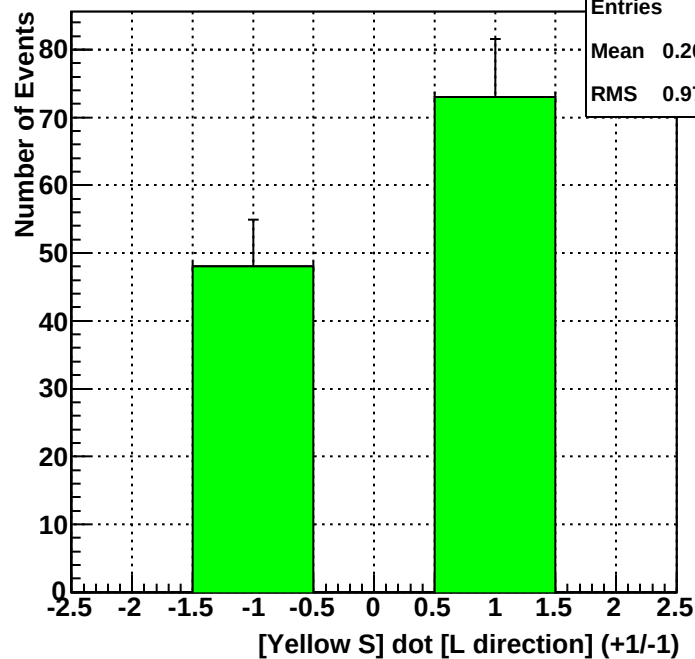
(1) Energy=38.178677 Y=-3.921574 Phi=3.074251

(2) Energy=23.708767 Y=-3.579592 Phi=-3.112748

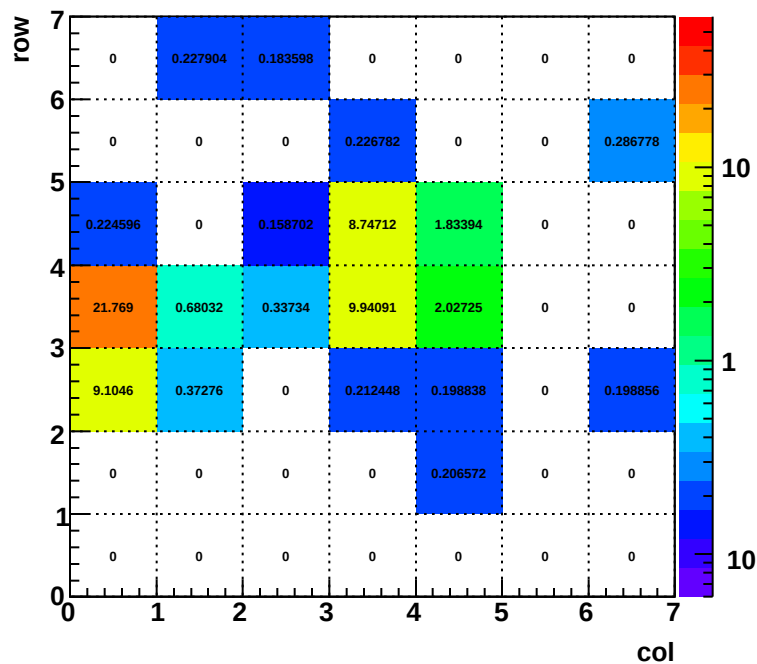
M12=0.504 Y12=-3.778 Phi12=3.119 E12=61.887

SumN(-) = 48 SumN(+) = 73 AN/6=0.344

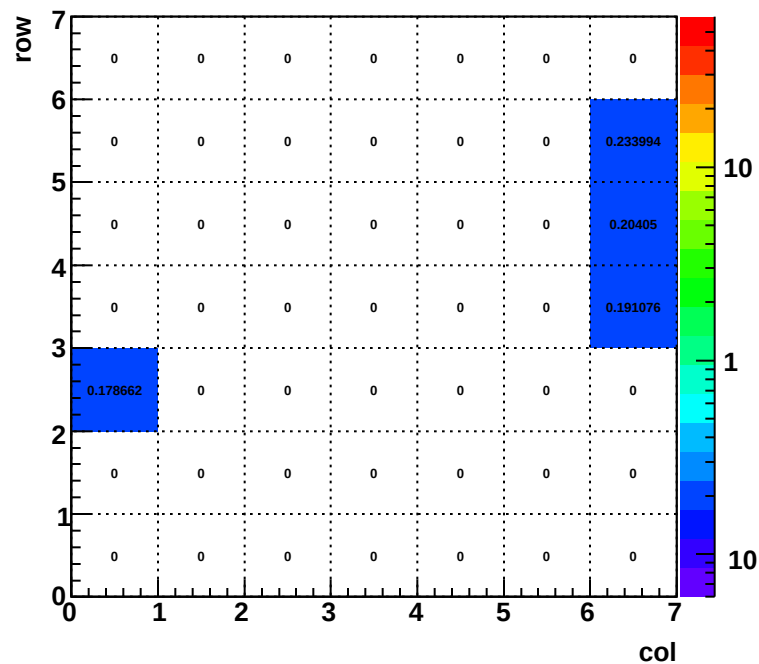
Running Yellow Spin Accumulation



North FPD



South FPD



122) Rnum=7120124 EventN=1106912 (2 Yd-N[-])

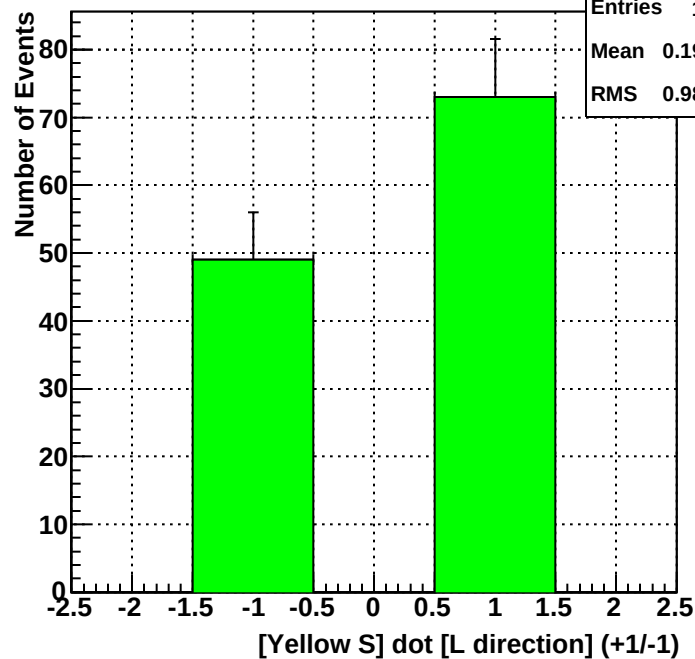
(1) Energy=47.736599 Y=-3.506705 Phi=-0.024277

(2) Energy=14.693554 Y=-3.749643 Phi=0.306956

M12=0.576 Y12=-3.567 Phi12=0.040 E12=62.430

SumN(-) = 49 SumN(+) = 73 AN/6=0.328

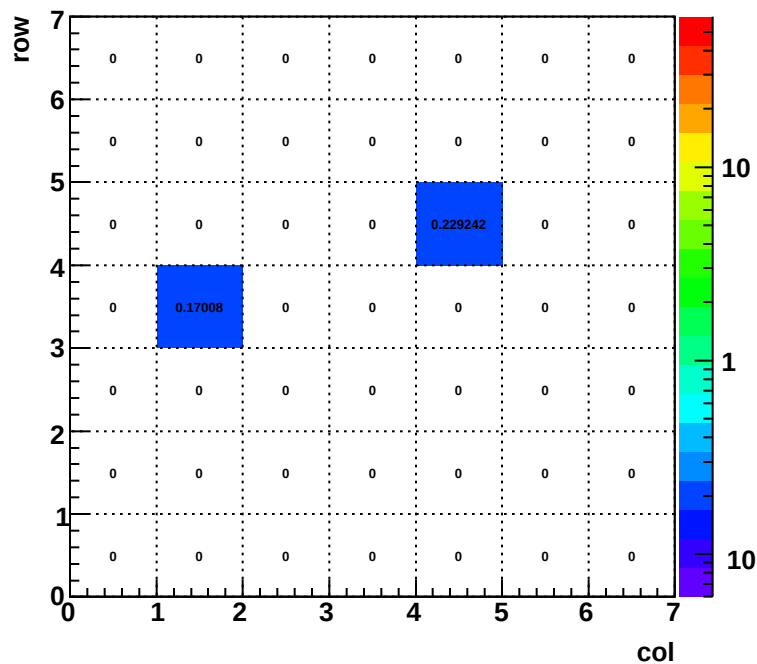
Running Yellow Spin Accumulation



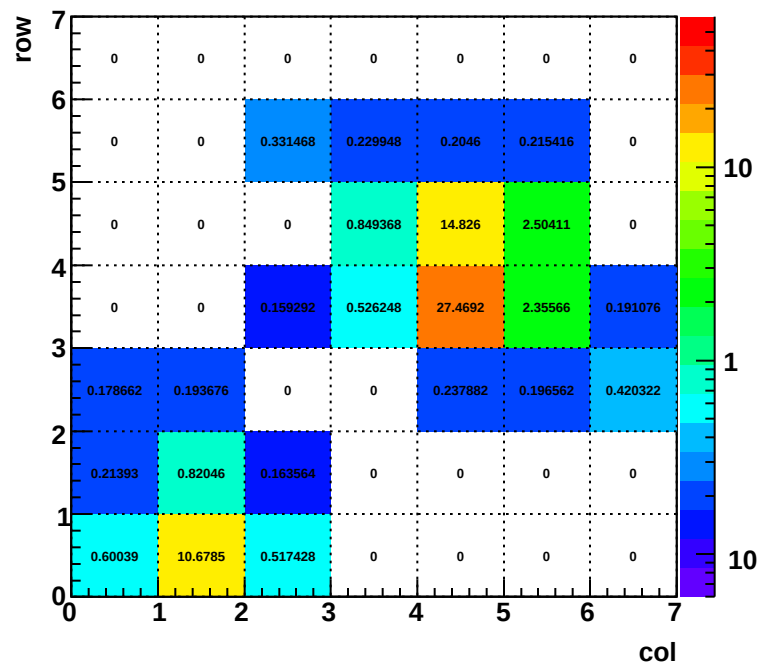
spcntH

Entries	122
Mean	0.1967
RMS	0.9805

North FPD



South FPD



123) Rnum=7121008 EventN=308993 (0 Yd-N[-])

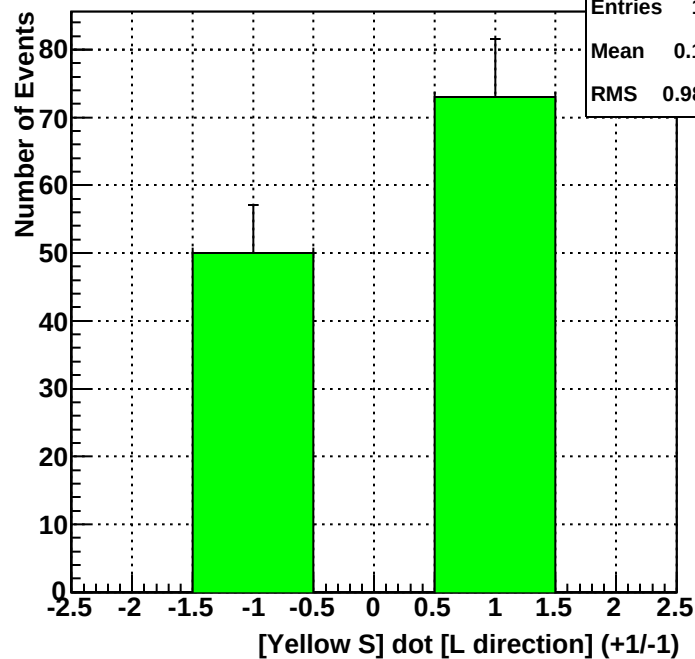
(1) Energy=35.191090 Y=-3.769234 Phi=-0.088122

(2) Energy=28.630821 Y=-3.422766 Phi=-0.070012

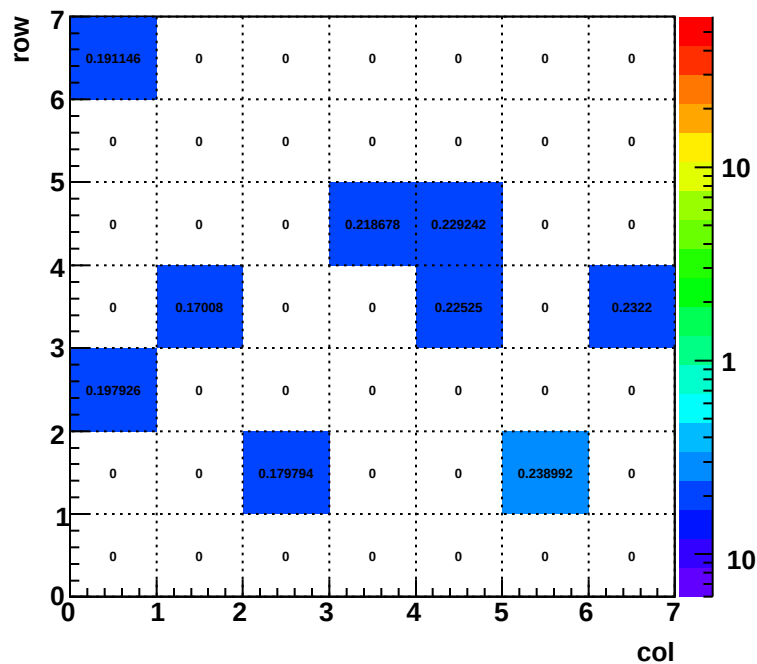
M12=0.607 Y12=-3.599 Phi12=-0.078 E12=63.822

SumN(-) = 50 SumN(+)= 73 AN/.6=0.312

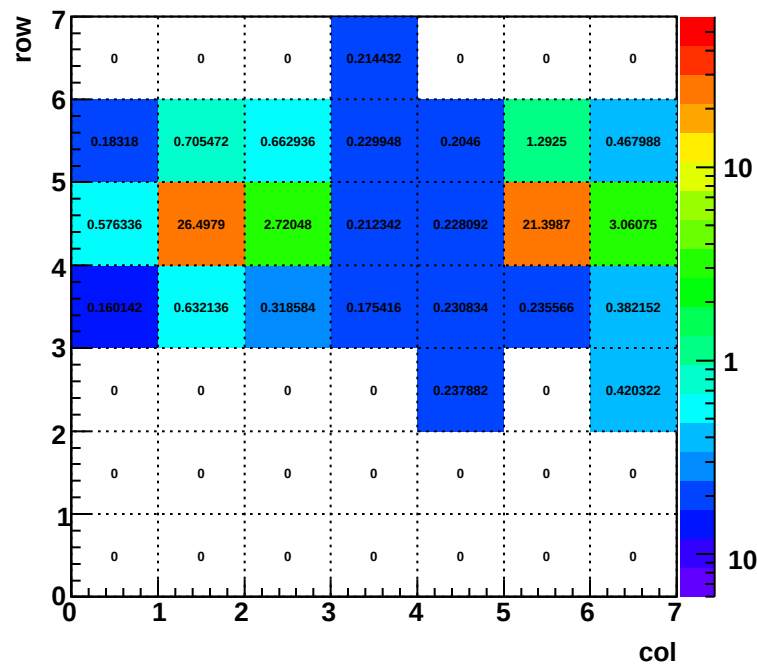
Running Yellow Spin Accumulation



North FPD



South FPD



124) Rnum=7121016 EventN=1607861 (0 Yd-S[+])

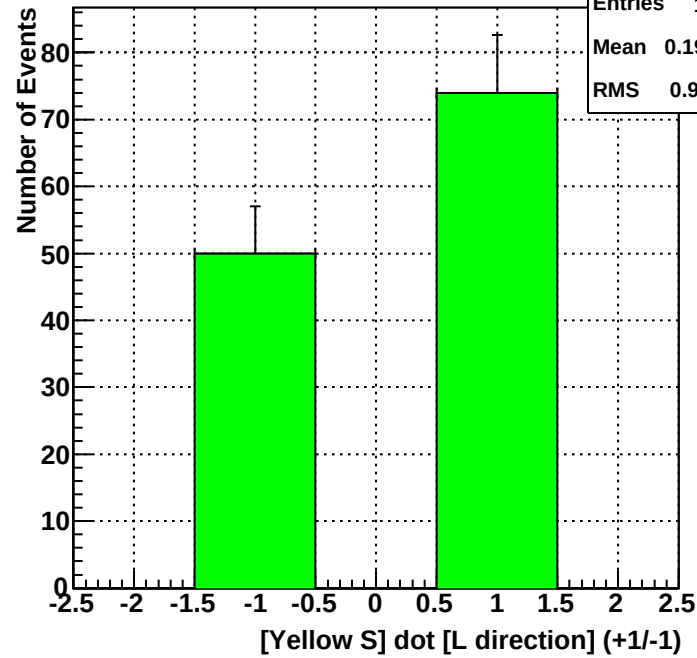
(1) Energy=51.521008 Y=-3.855293 Phi=-3.046148

(2) Energy=13.300440 Y=-3.489546 Phi=3.126868

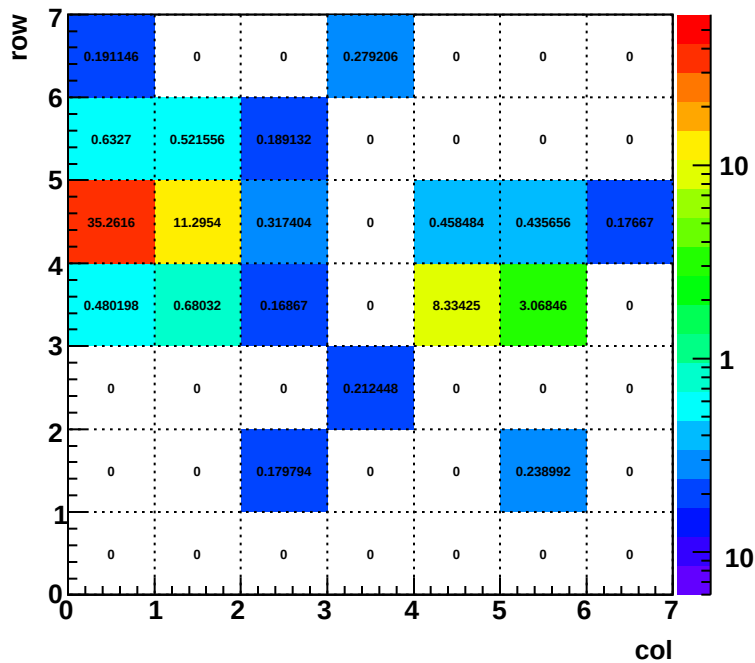
M12=0.510 Y12=-3.770 Phi12=-3.076 E12=64.821

SumN(-) = 50 SumN(+) = 74 AN/6=0.323

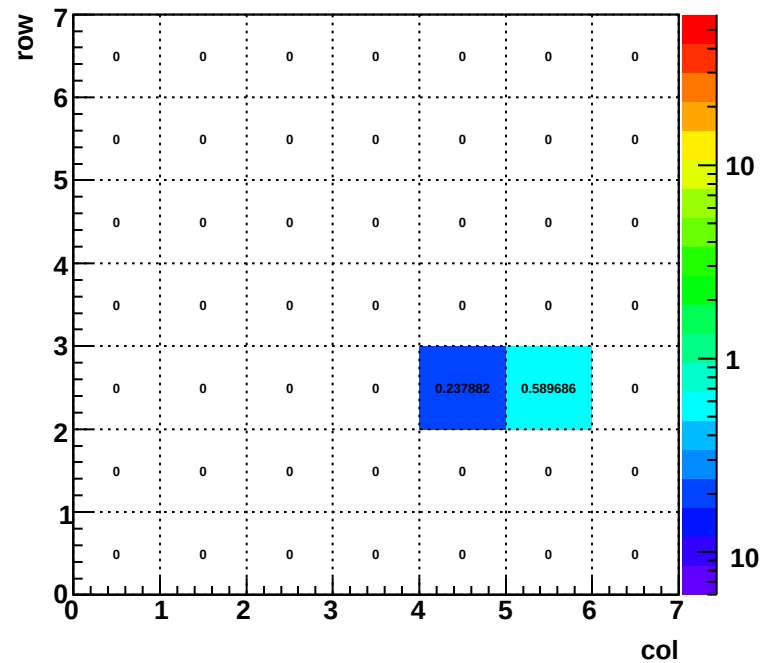
Running Yellow Spin Accumulation



North FPD



South FPD



125) Rnum=7121021 EventN=5808895 (3 Yu-N[+])

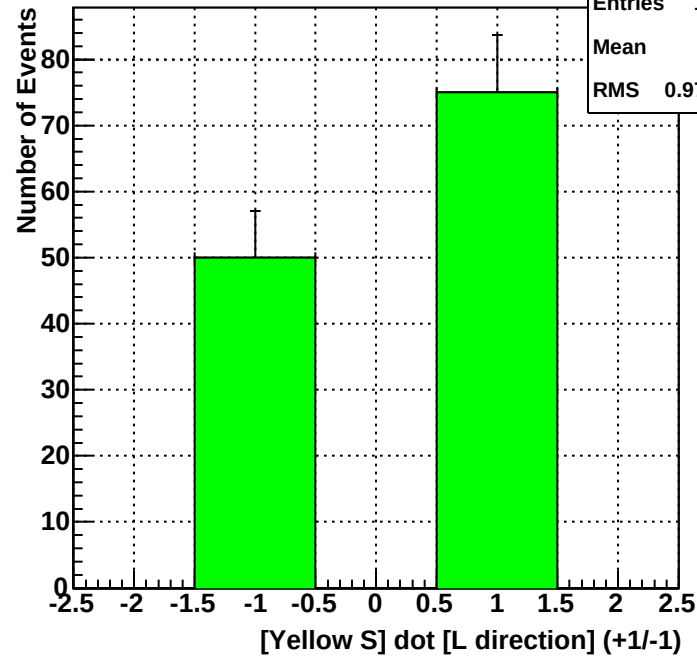
(1) Energy=42.161354 Y=-3.647589 Phi=0.030977

(2) Energy=25.024429 Y=-3.528916 Phi=-0.243180

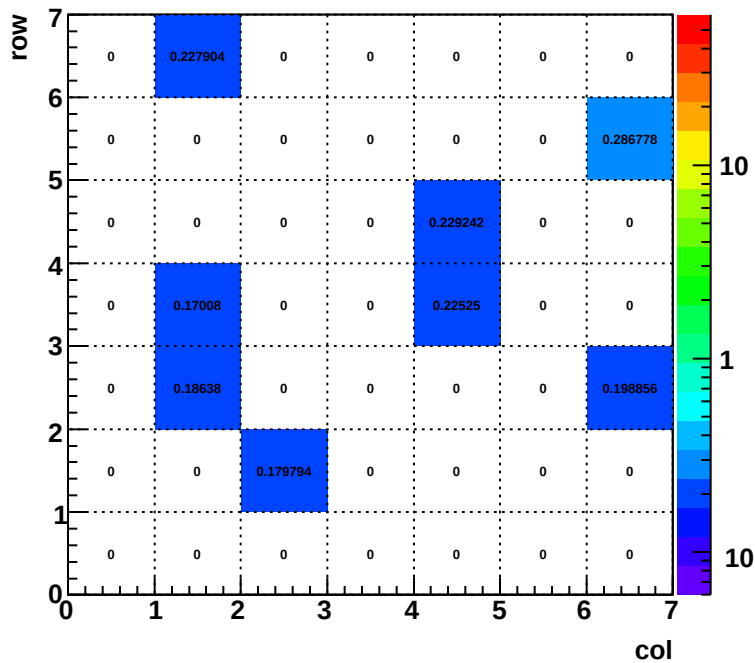
M12=0.535 Y12=-3.611 Phi12=-0.079 E12=67.186

SumN(-) = 50 SumN(+)= 75 AN/.6=0.333

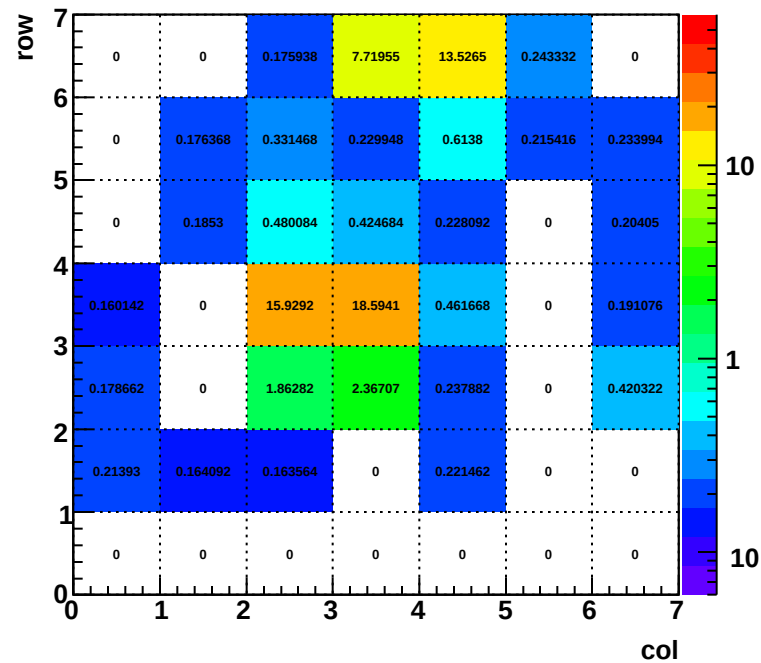
Running Yellow Spin Accumulation



North FPD



South FPD



126) Rnum=7121021 EventN=707573 (0 Yd-N[-])

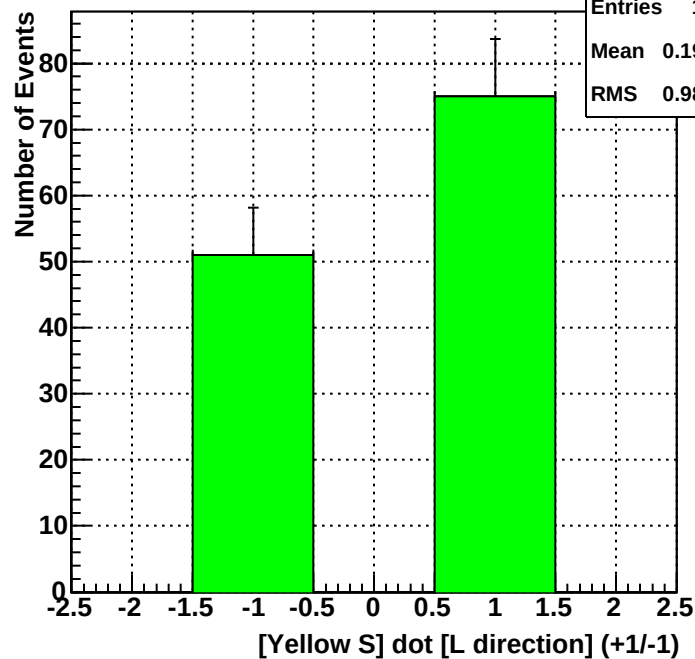
(1) Energy=43.791798 Y=-3.637375 Phi=-0.125755

(2) Energy=17.621172 Y=-3.786336 Phi=0.274564

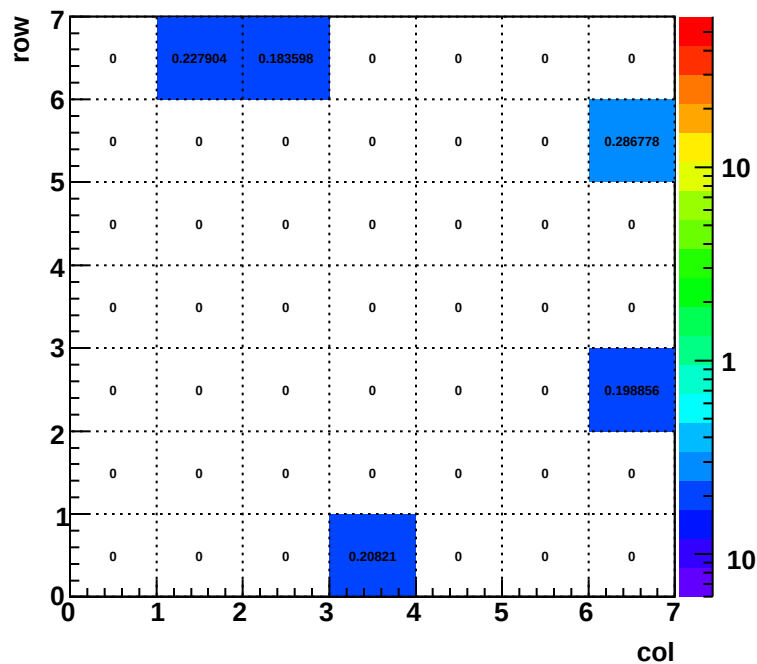
M12=0.576 Y12=-3.693 Phi12=-0.024 E12=61.413

SumN(-) = 51 SumN(+)= 75 AN/6=0.317

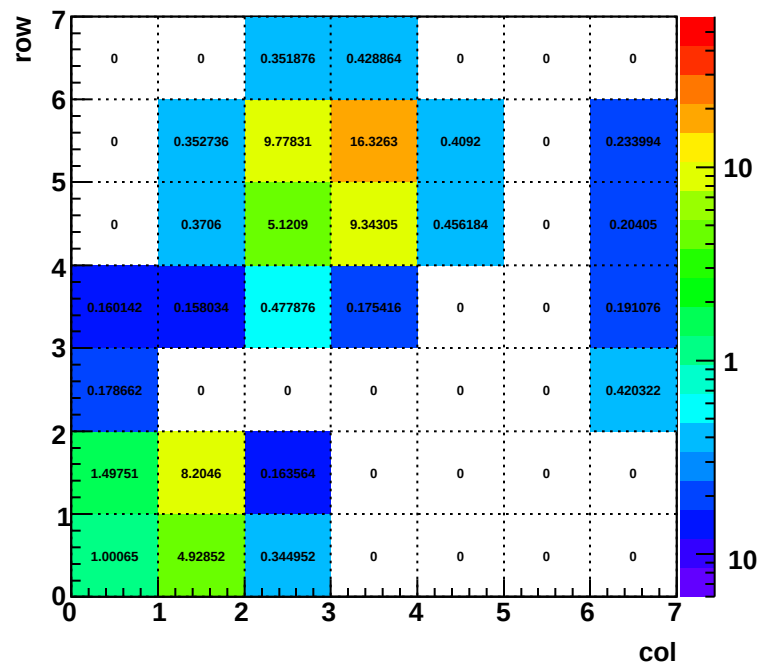
Running Yellow Spin Accumulation



North FPD



South FPD



127) Rnum=7121041 EventN=1604216 (2 Yd-N[-])

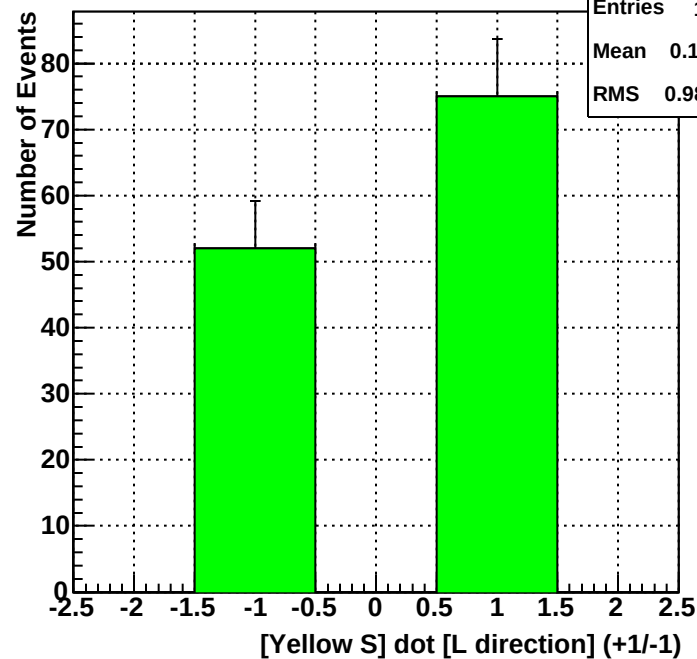
(1) Energy=33.508476 Y=-3.653647 Phi=-0.272300

(2) Energy=27.927092 Y=-3.670205 Phi=0.102887

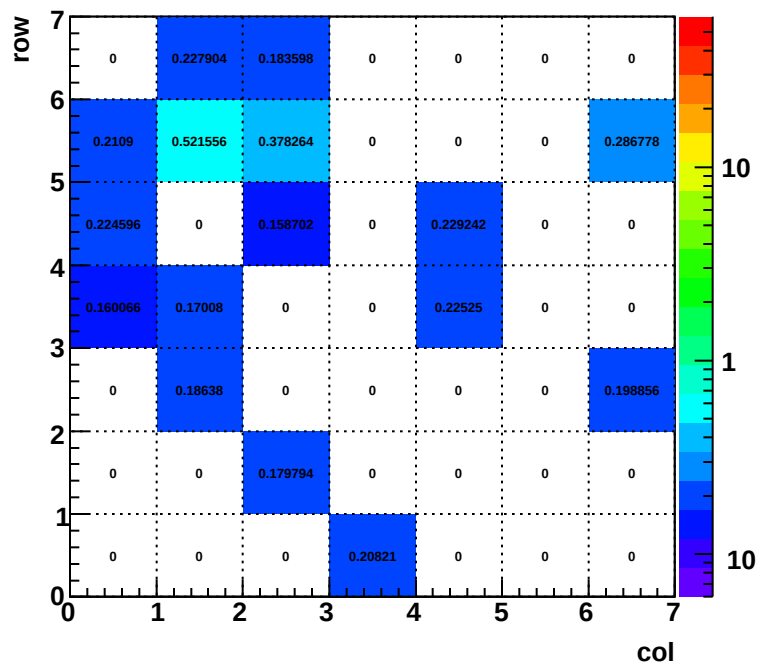
M12=0.586 Y12=-3.679 Phi12=-0.104 E12=61.436

SumN(-) = 52 SumN(+)= 75 AN/6=0.302

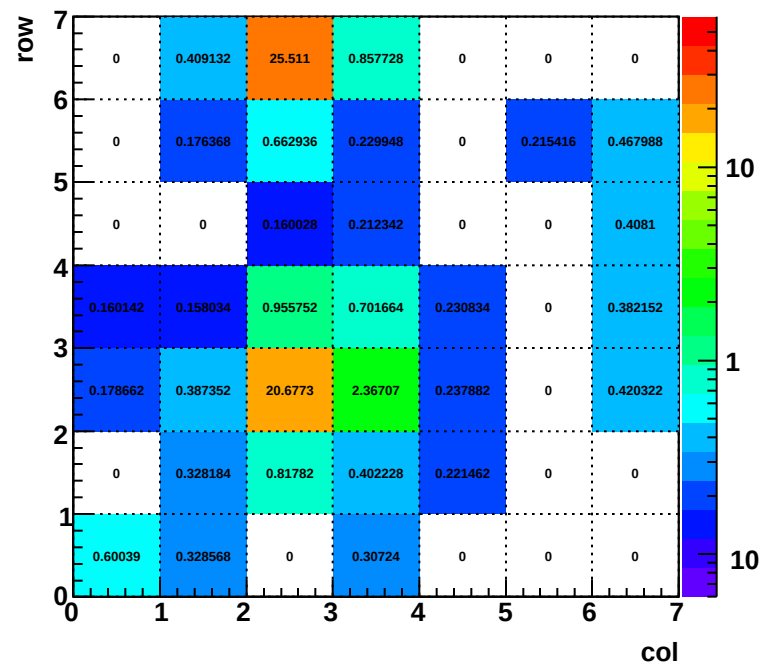
Running Yellow Spin Accumulation



North FPD



South FPD



128) Rnum=7121118 EventN=507959 (0 Yd-S[+])

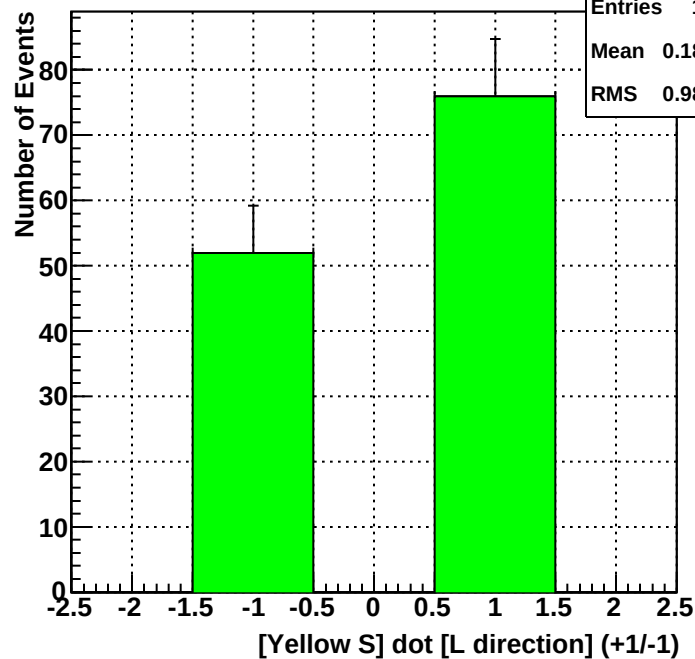
(1) Energy=55.104053 Y=-3.789114 Phi=3.023520

(2) Energy=9.928152 Y=-3.370180 Phi=3.000075

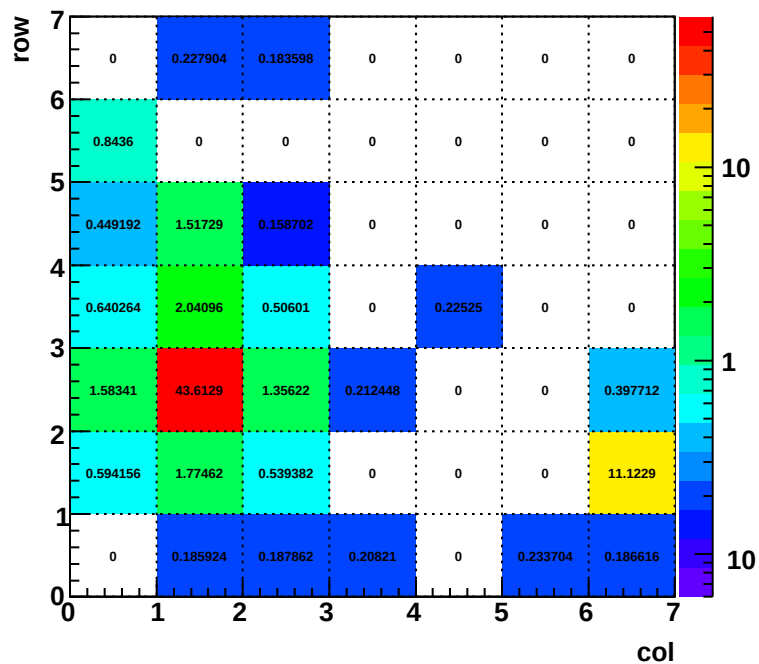
M12=0.551 Y12=-3.713 Phi12=3.018 E12=65.032

SumN(-) = 52 SumN(+)= 76 AN/6=0.312

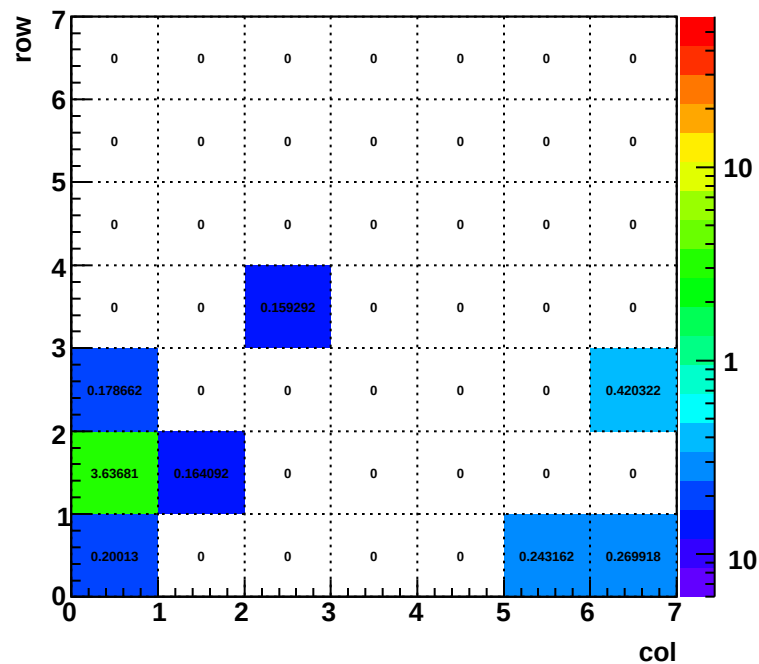
Running Yellow Spin Accumulation



North FPD



South FPD



129) Rnum=7121118 EventN=906365 (1 Yu-N[+])

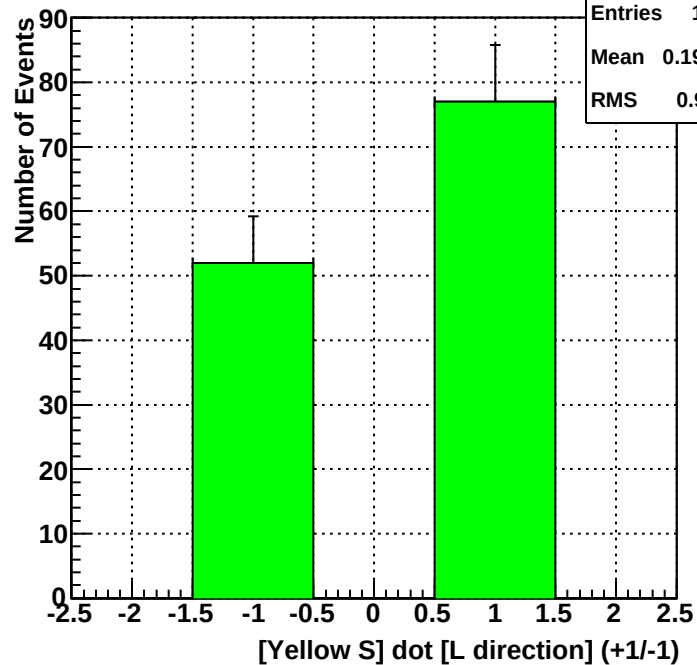
(1) Energy=36.508095 Y=-3.595343 Phi=-0.030758

(2) Energy=25.556812 Y=-3.814721 Phi=0.283309

M12=0.574 Y12=-3.691 Phi12=0.082 E12=62.065

SumN(-) = 52 SumN(+)= 77 AN/6=0.323

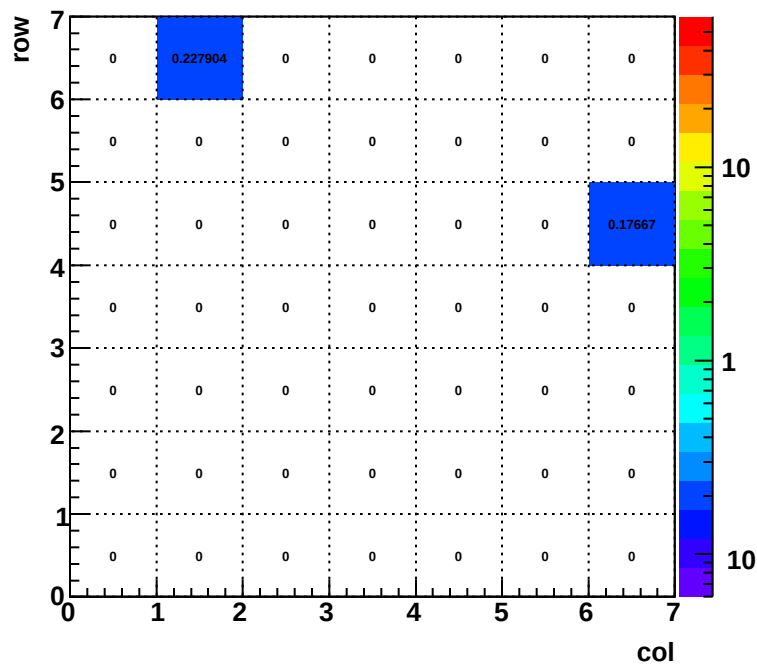
Running Yellow Spin Accumulation



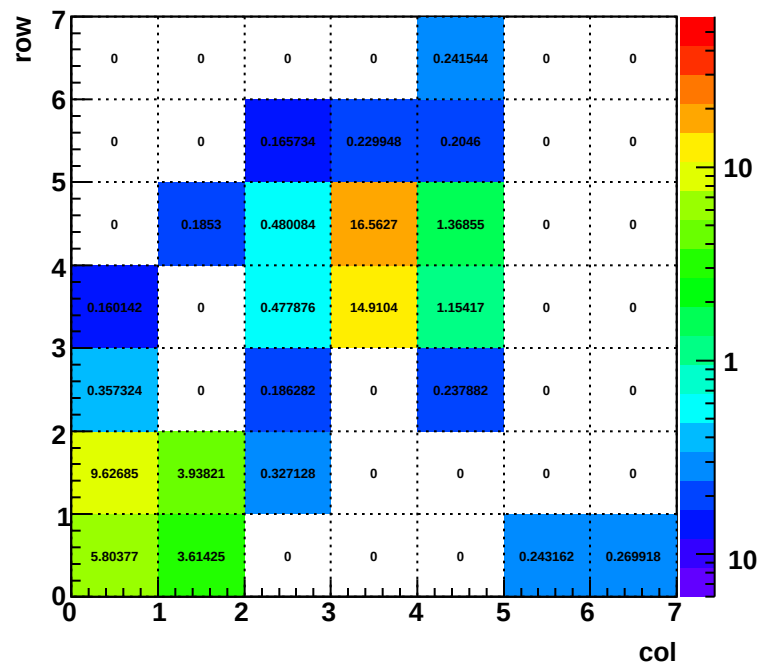
spcntH

Entries	129
Mean	0.1938
RMS	0.981

North FPD



South FPD



130) Rnum=7121118 EventN=2304837 (3 Yu-S[-])

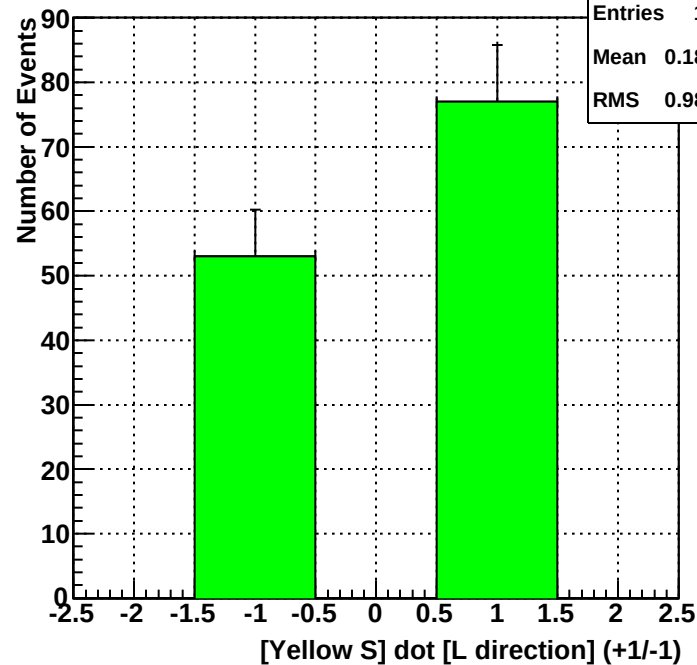
(1) Energy=44.716816 Y=-3.900822 Phi=3.123590

(2) Energy=20.042965 Y=-3.524940 Phi=-3.136265

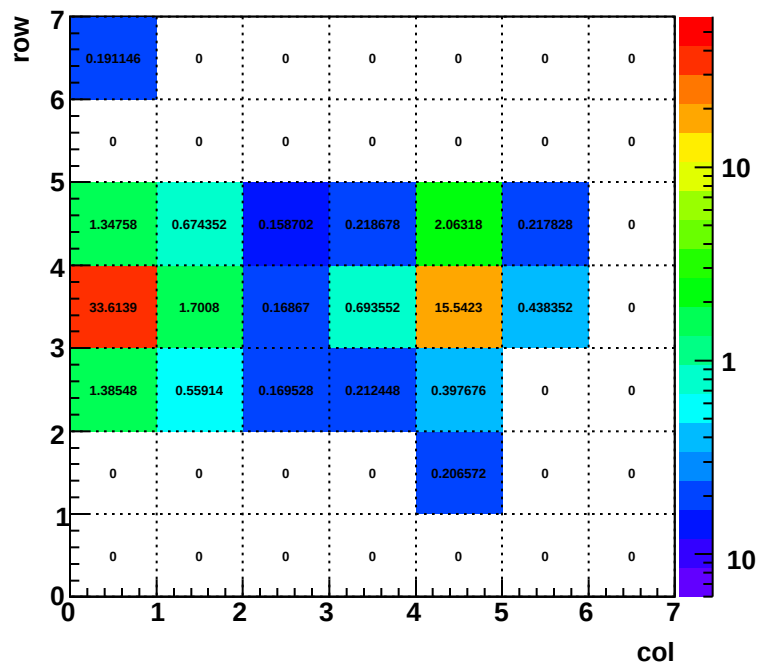
M12=0.553 Y12=-3.769 Phi12=3.133 E12=64.760

SumN(-) = 53 SumN(+)= 77 AN/.6=0.308

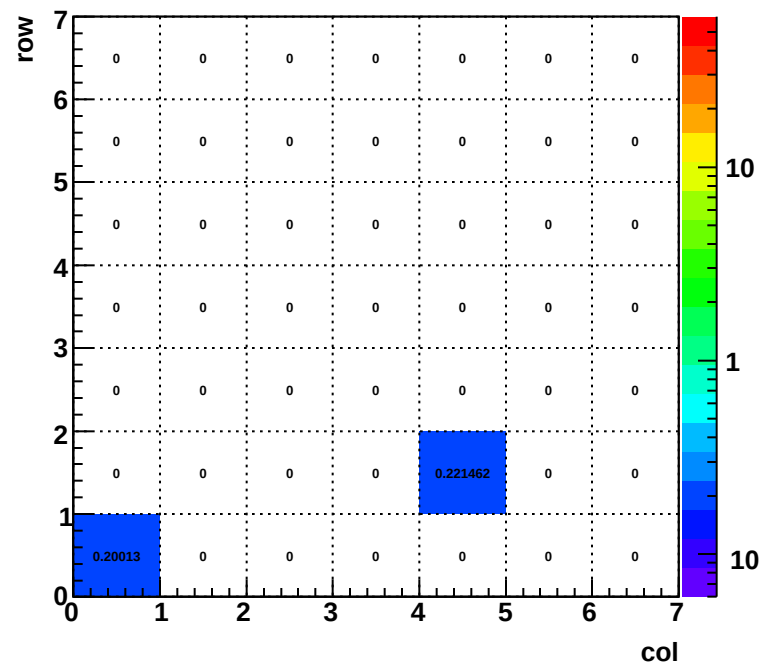
Running Yellow Spin Accumulation



North FPD



South FPD



131) Rnum=7121119 EventN=100457 (1 Yu-N[+])

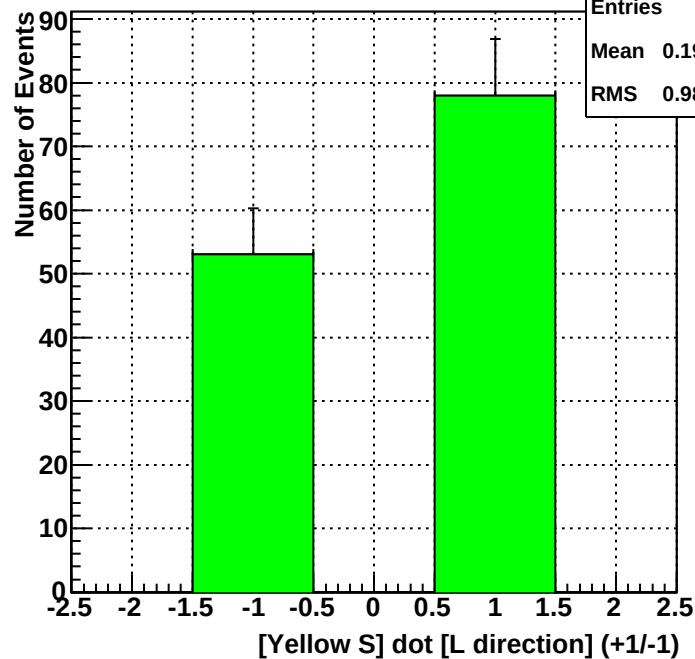
(1) Energy=42.376045 Y=-3.604760 Phi=0.234049

(2) Energy=23.548237 Y=-3.759419 Phi=-0.083030

M12=0.559 Y12=-3.668 Phi12=0.132 E12=65.924

SumN(-) = 53 SumN(+)= 78 AN/6=0.318

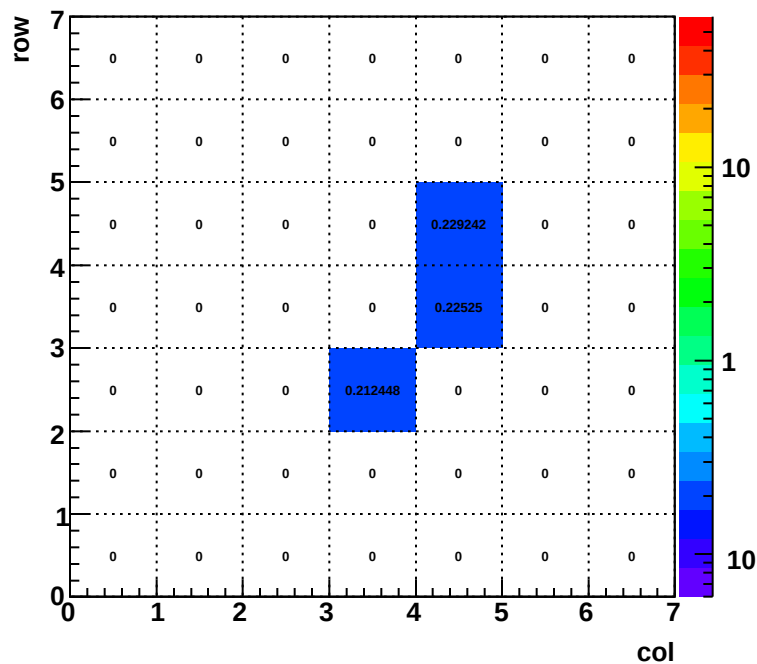
Running Yellow Spin Accumulation



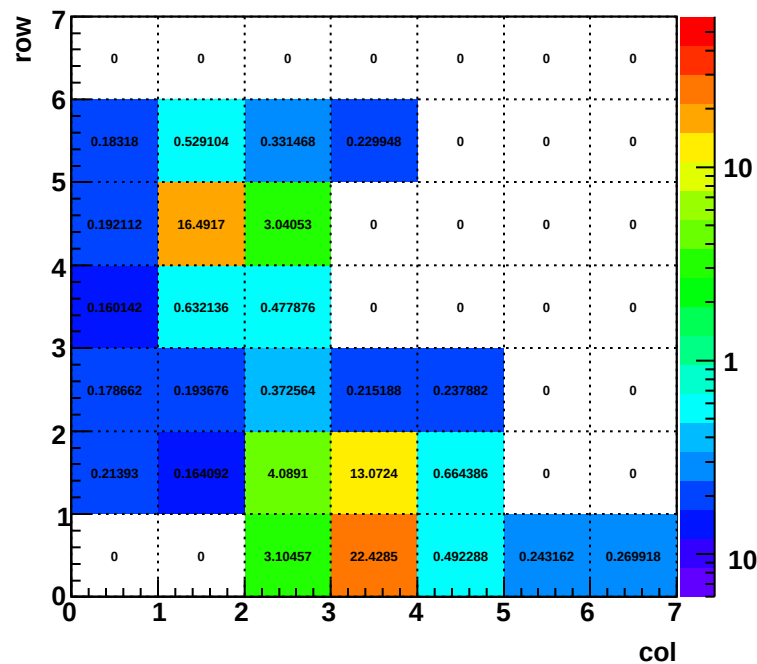
spcntH

Entries 131
Mean 0.1908
RMS 0.9816

North FPD



South FPD



132) Rnum=7122003 EventN=209132 (1 Yu-N[+])

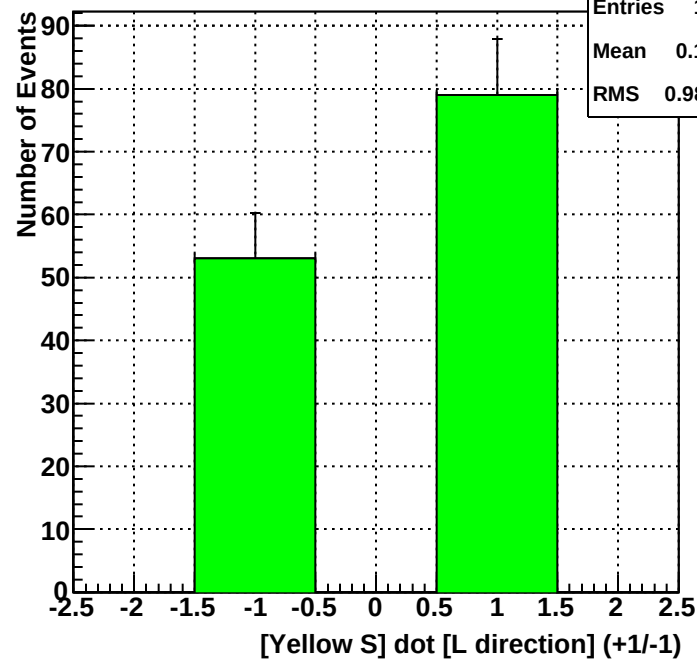
(1) Energy=38.860722 Y=-3.870145 Phi=0.123794

(2) Energy=27.726887 Y=-3.632042 Phi=-0.157668

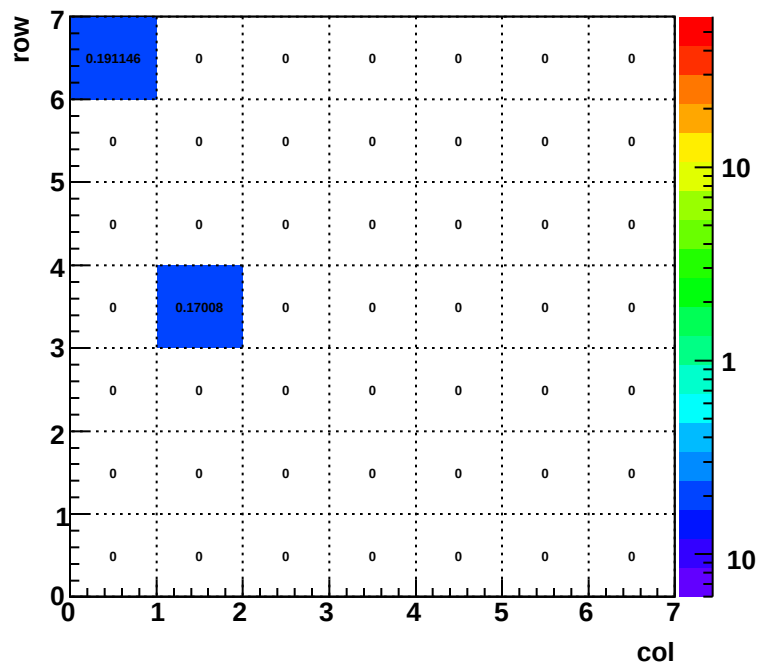
M12=0.568 Y12=-3.774 Phi12=-0.010 E12=66.588

SumN(-) = 53 SumN(+)= 79 AN/.6=0.328

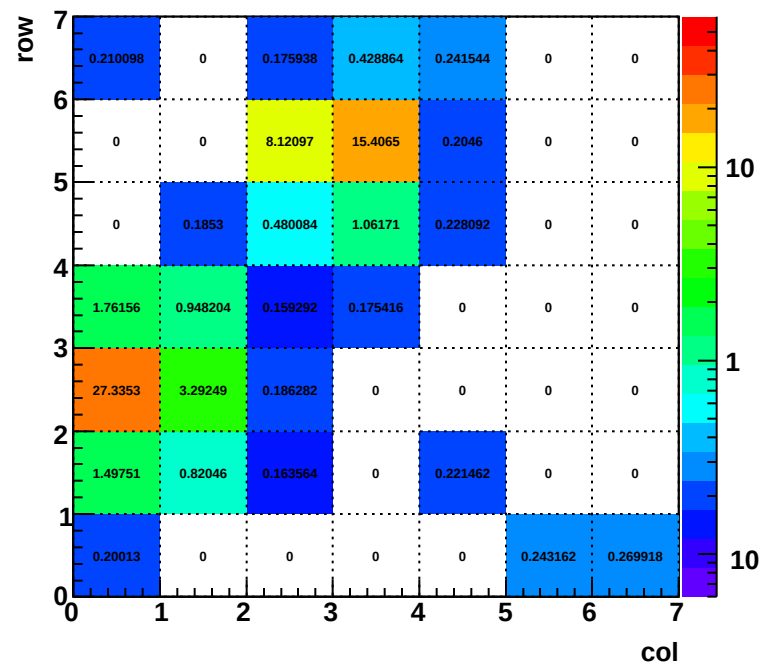
Running Yellow Spin Accumulation



North FPD



South FPD



133) Rnum=7122037 EventN=5606243 (1 Yu-N[+])

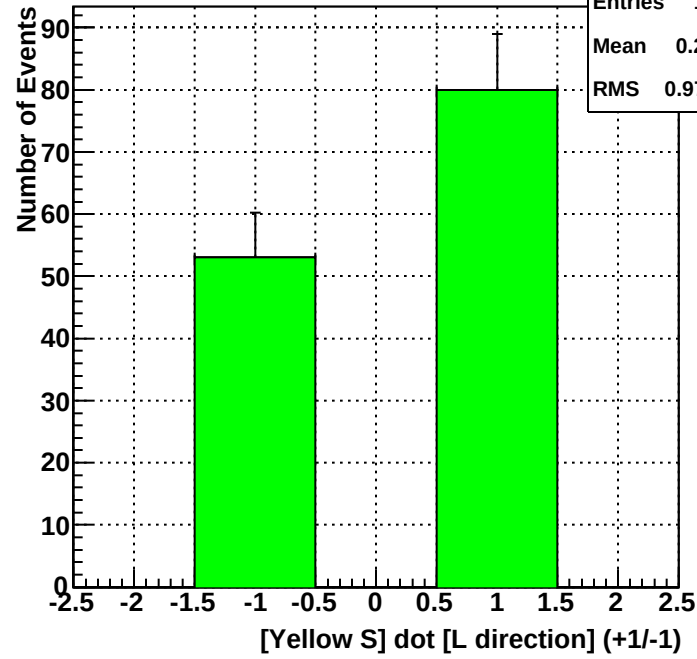
(1) Energy=33.905613 Y=-3.623420 Phi=-0.110482

(2) Energy=27.977108 Y=-3.634285 Phi=0.222736

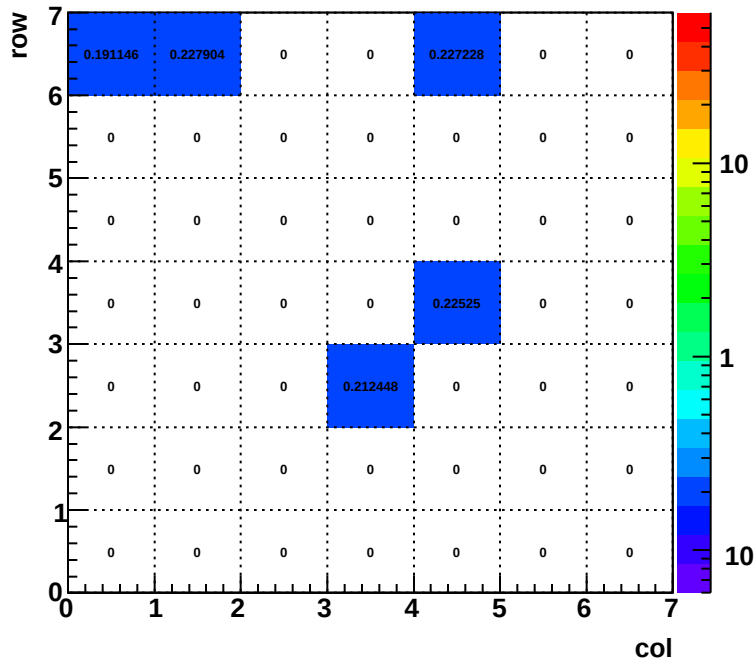
M12=0.542 Y12=-3.642 Phi12=0.039 E12=61.883

SumN(-) = 53 SumN(+)= 80 AN/6=0.338

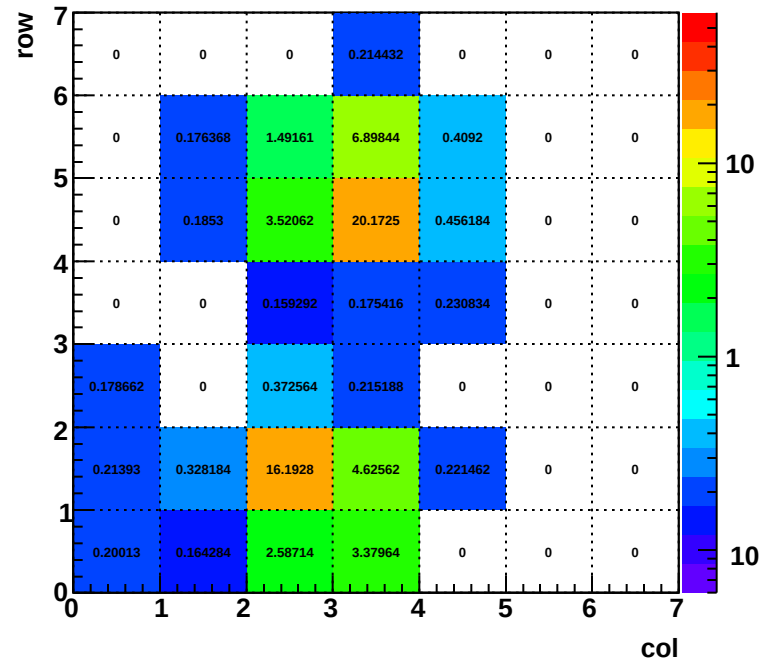
Running Yellow Spin Accumulation



North FPD



South FPD



134) Rnum=7122043 EventN=7502045 (2 Yd-N[-])

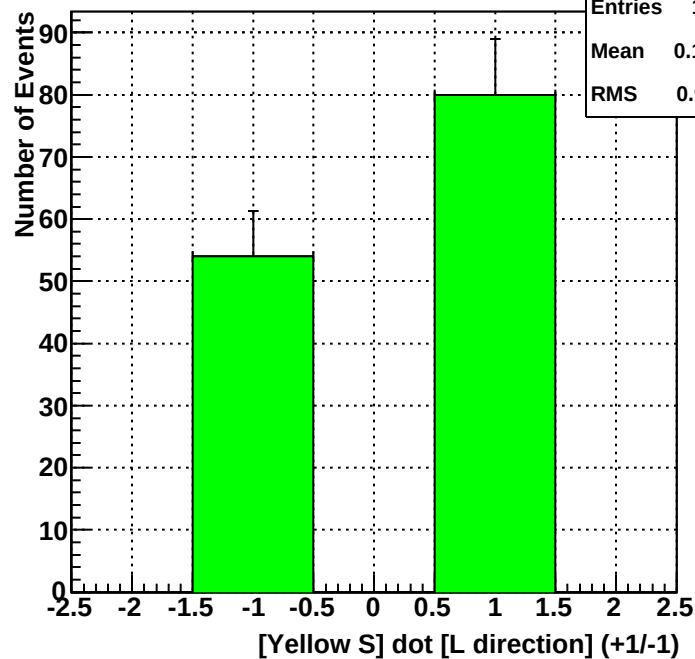
(1) Energy=26.487570 Y=-3.605926 Phi=-0.066817

(2) Energy=33.586460 Y=-3.809926 Phi=0.250424

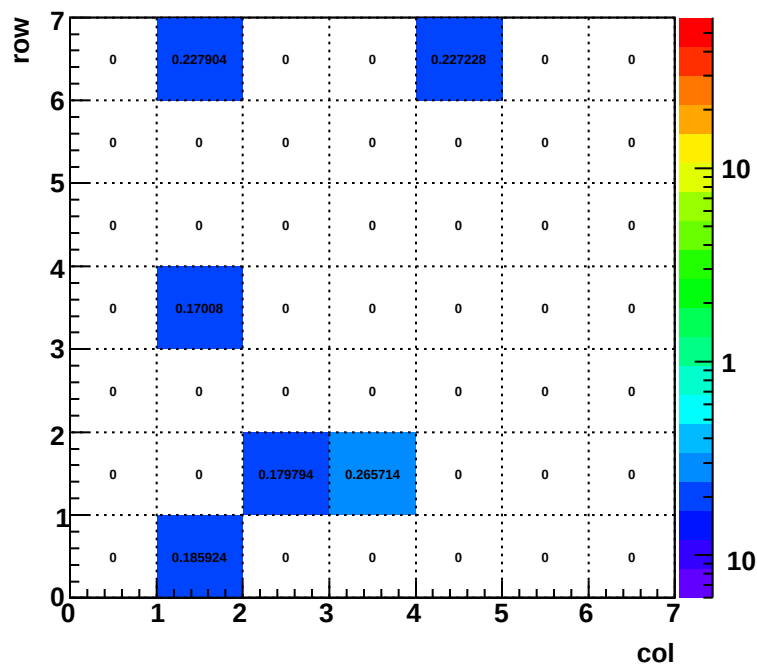
M12=0.550 Y12=-3.727 Phi12=0.094 E12=60.074

SumN(-) = 54 SumN(+)= 80 AN/6=0.323

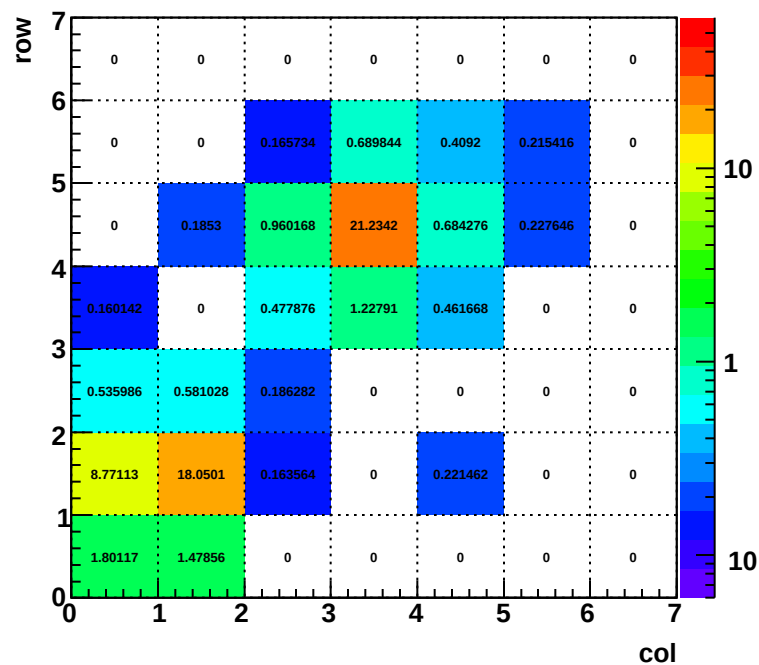
Running Yellow Spin Accumulation



North FPD



South FPD



135) Rnum=7122043 EventN=9602572 (1 Yu-N[+])

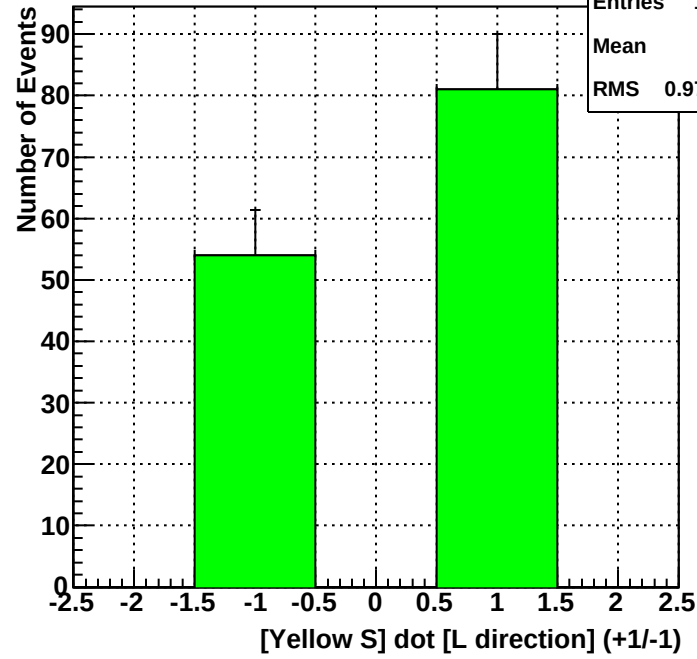
(1) Energy=37.570225 Y=-3.526074 Phi=-0.033694

(2) Energy=24.746664 Y=-3.922957 Phi=0.091822

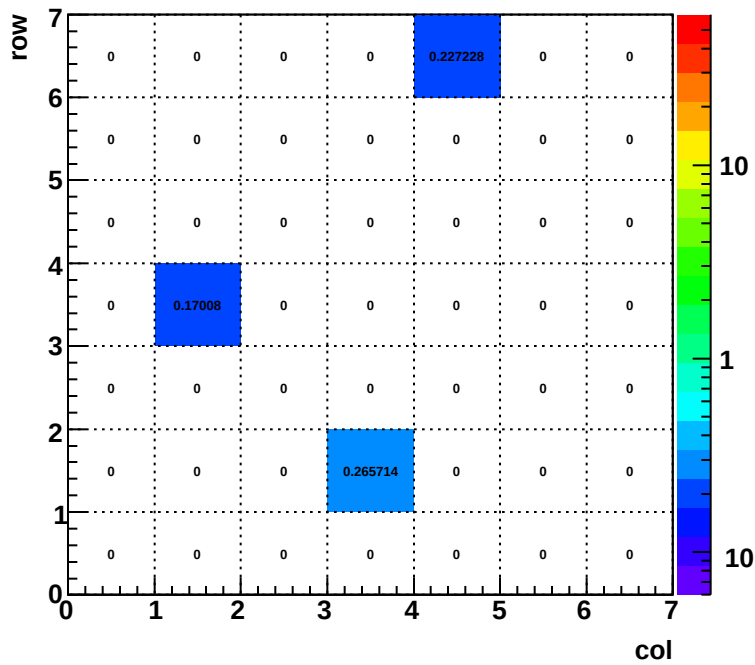
M12=0.615 Y12=-3.667 Phi12=0.005 E12=62.317

SumN(-) = 54 SumN(+) = 81 AN/6=0.333

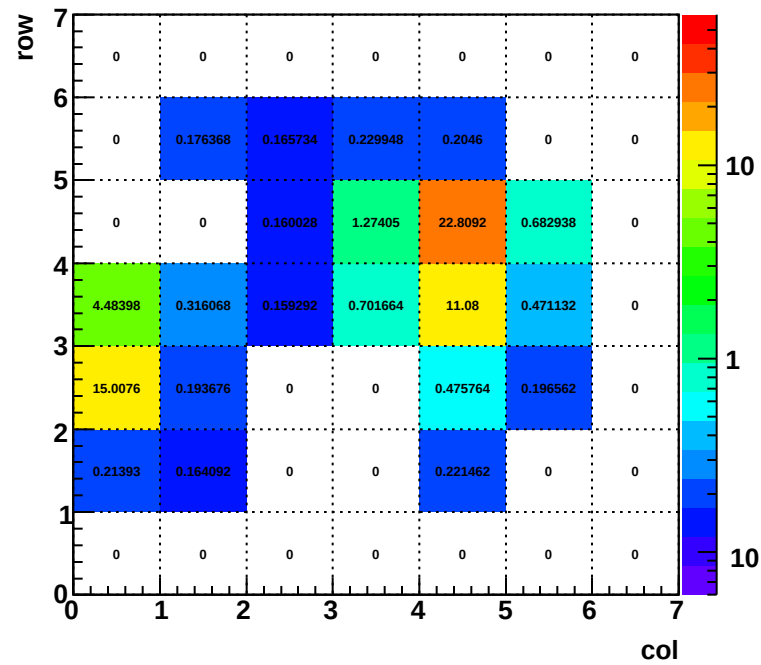
Running Yellow Spin Accumulation



North FPD



South FPD



136) Rnum=7122045 EventN=4304398 (2 Yd-S[+])

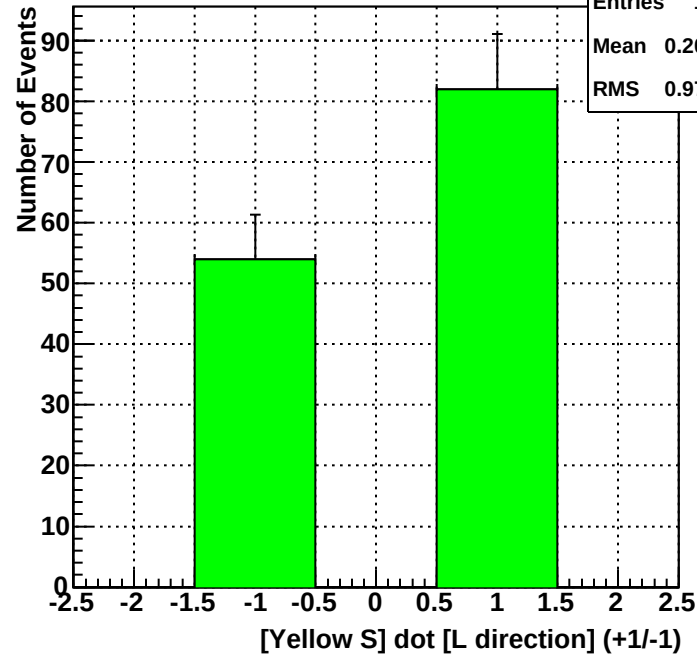
(1) Energy=35.709236 Y=-3.651748 Phi=-3.049420

(2) Energy=24.613302 Y=-3.802611 Phi=2.819218

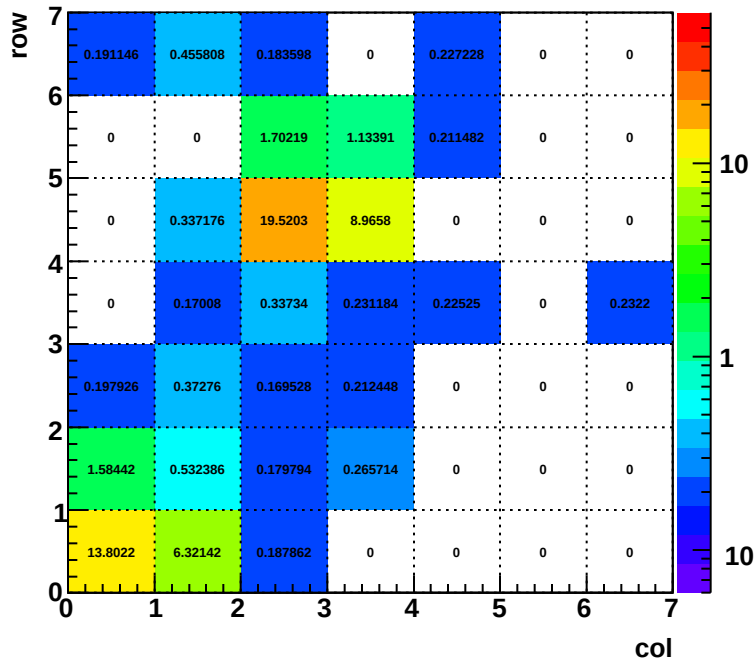
M12=0.625 Y12=-3.731 Phi12=3.080 E12=60.323

SumN(-) = 54 SumN(+) = 82 AN/6=0.343

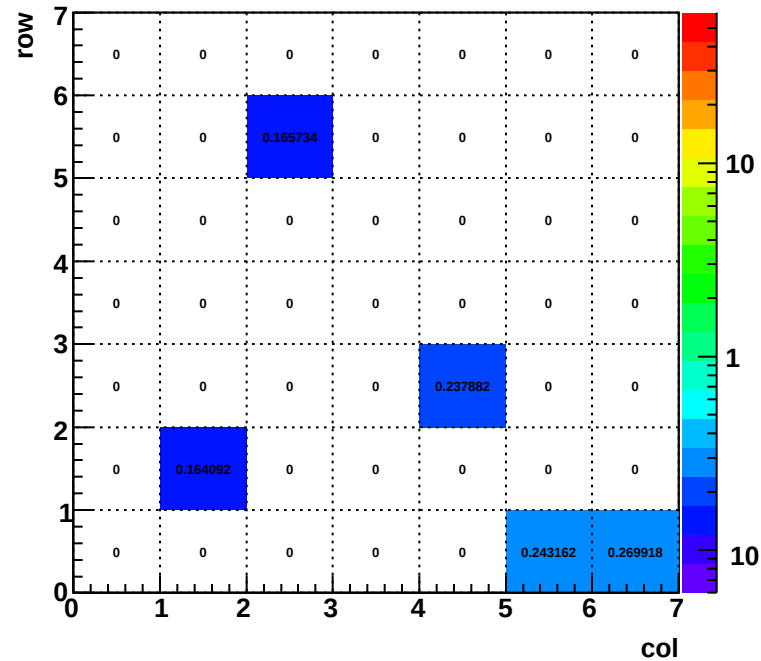
Running Yellow Spin Accumulation



North FPD



South FPD



137) Rnum=7122046 EventN=209144 (1 Yu-N[+])

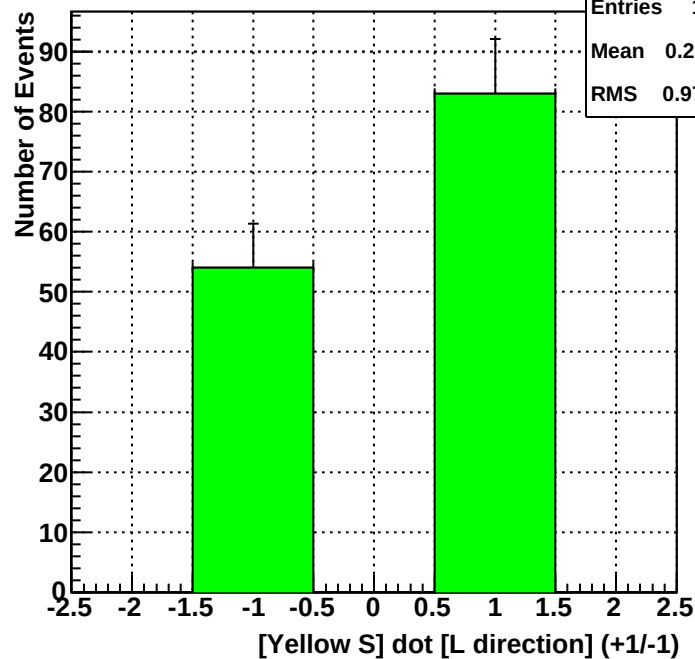
(1) Energy=31.917574 Y=-3.492573 Phi=0.041940

(2) Energy=33.828083 Y=-3.709897 Phi=0.255042

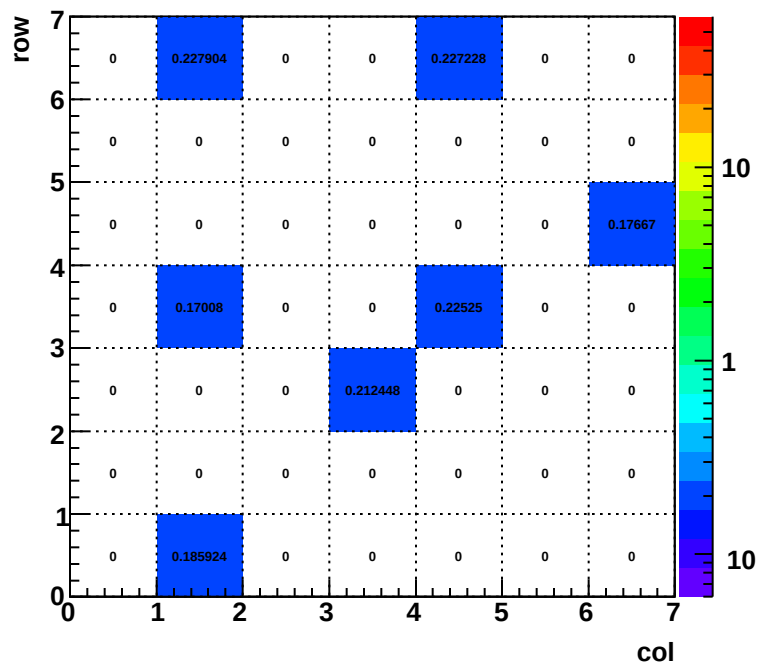
M12=0.545 Y12=-3.604 Phi12=0.140 E12=65.746

SumN(-) = 54 SumN(+)= 83 AN/.6=0.353

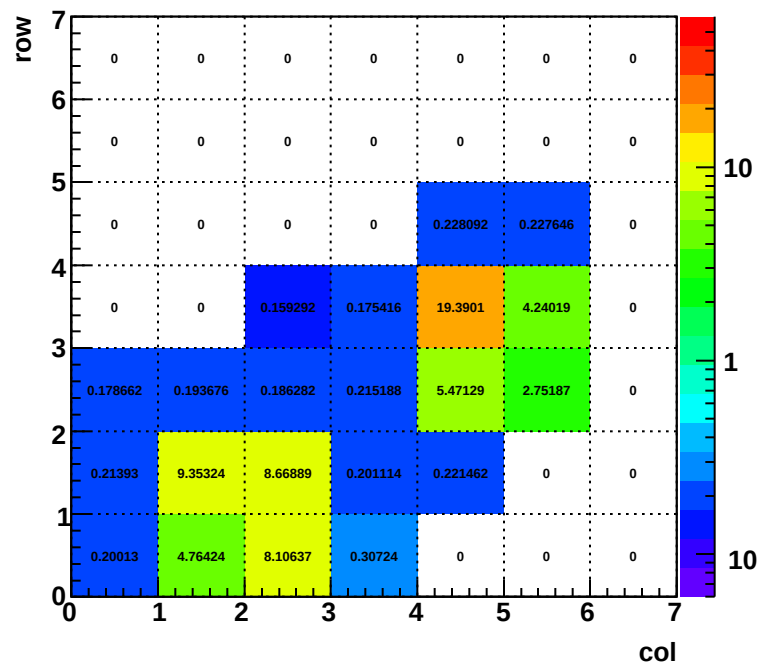
Running Yellow Spin Accumulation



North FPD



South FPD



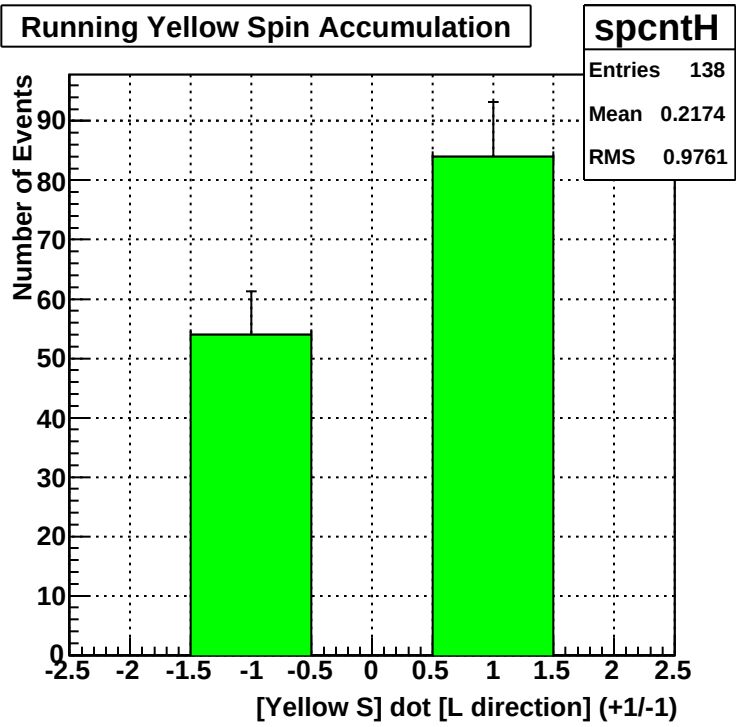
138) Rnum=7122047 EventN=3801012 (3 Yu-N[+])

(1) Energy=37.123856 Y=-3.552376 Phi=-0.069872

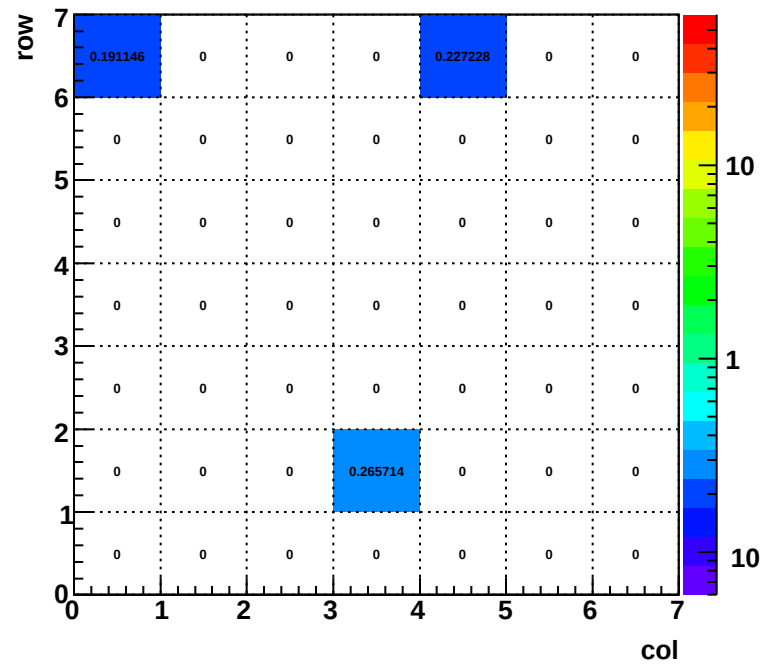
(2) Energy=30.575504 Y=-3.855507 Phi=-0.180815

M12=0.537 Y12=-3.680 Phi12=-0.112 E12=67.699

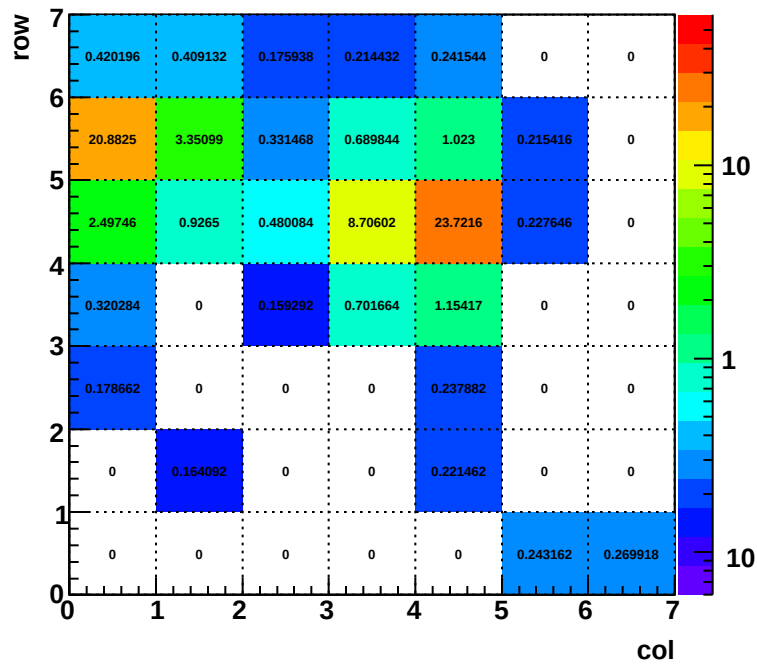
SumN(-) = 54 SumN(+)= 84 AN/6=0.362



North FPD



South FPD



139) Rnum=7122047 EventN=1202236 (0 Yd-N[-])

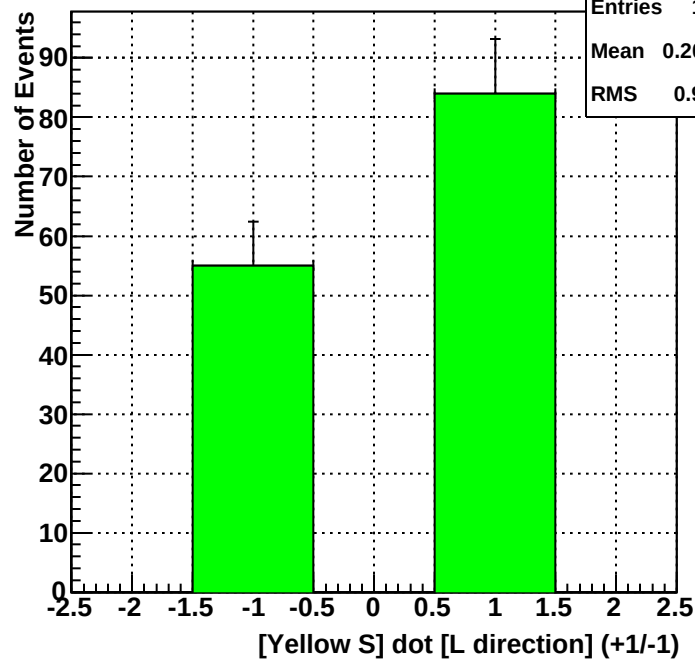
(1) Energy=52.771027 Y=-3.742211 Phi=0.148698

(2) Energy=11.196967 Y=-3.506458 Phi=-0.156579

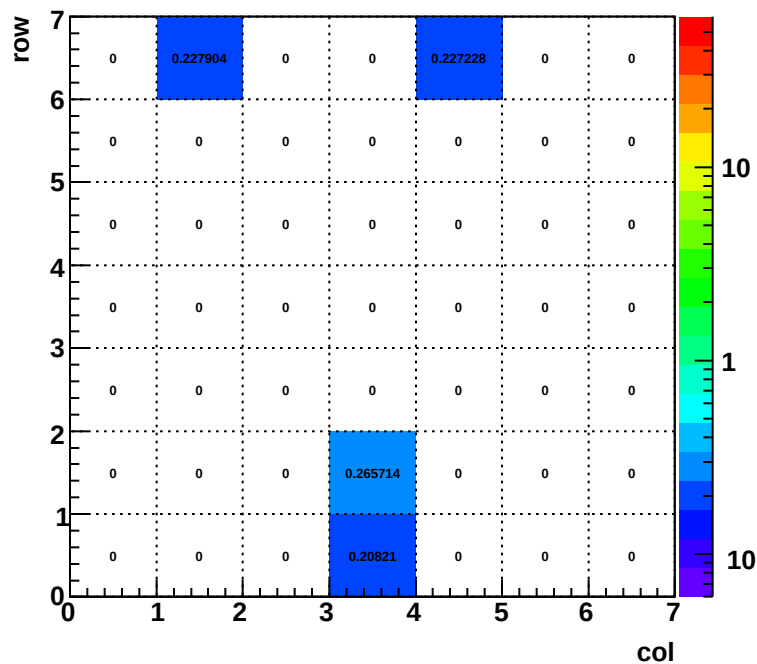
M12=0.499 Y12=-3.704 Phi12=0.085 E12=63.968

SumN(-) = 55 SumN(+)= 84 AN/.6=0.348

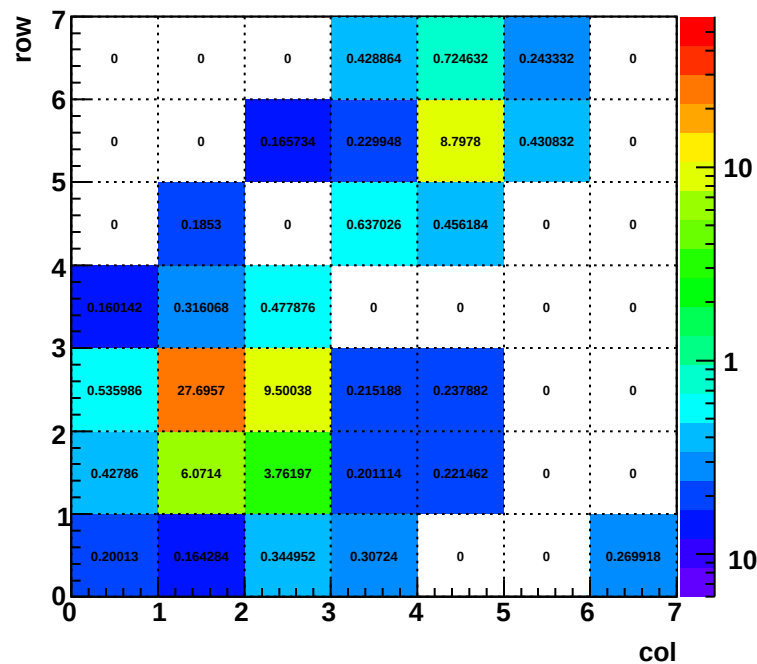
Running Yellow Spin Accumulation



North FPD



South FPD



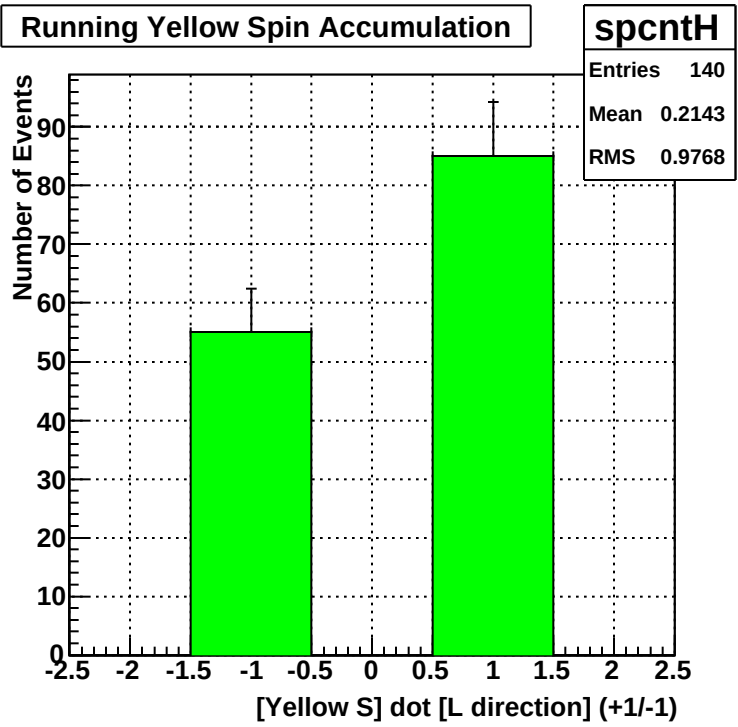
140) Rnum=7122047 EventN=2000968 (2 Yd-S[+])

(1) Energy=40.251038 Y=-3.754788 Phi=3.093198

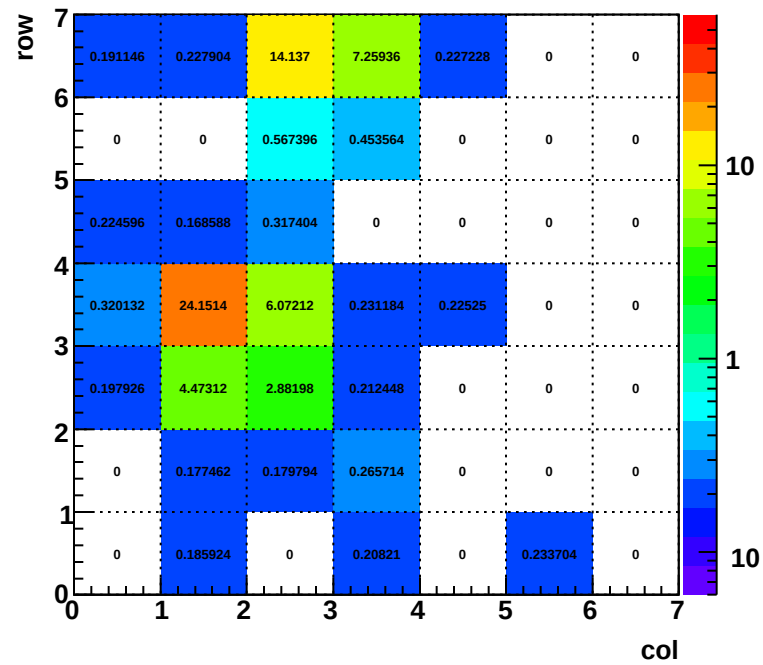
(2) Energy=25.159441 Y=-3.620492 Phi=-2.882113

M12=0.533 Y12=-3.713 Phi12=-3.062 E12=65.410

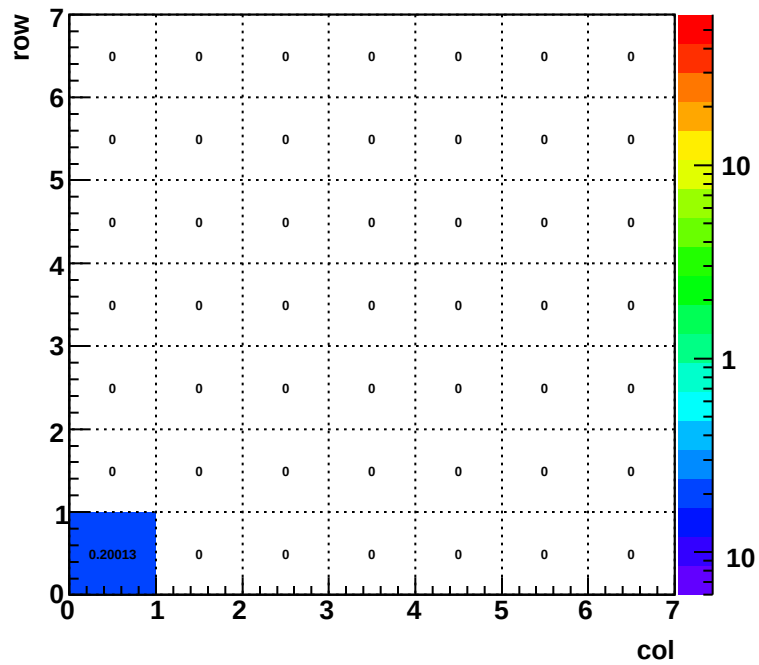
SumN(-) = 55 SumN(+)= 85 AN/.6=0.357



North FPD



South FPD



141) Rnum=7122048 EventN=8702603 (1 Yu-N[+])

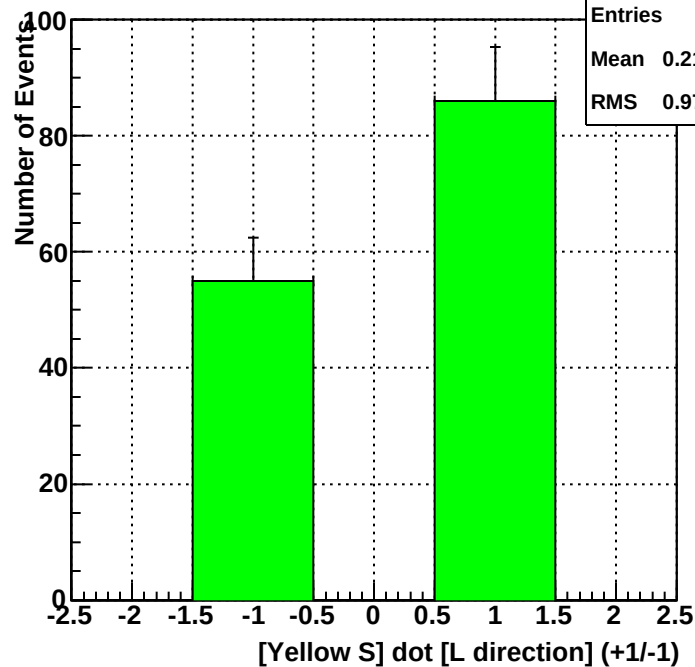
(1) Energy=33.413570 Y=-3.683921 Phi=0.165587

(2) Energy=27.031588 Y=-3.647343 Phi=-0.163853

M12=0.507 Y12=-3.681 Phi12=0.015 E12=60.445

SumN(-) = 55 SumN(+) = 86 AN/6=0.366

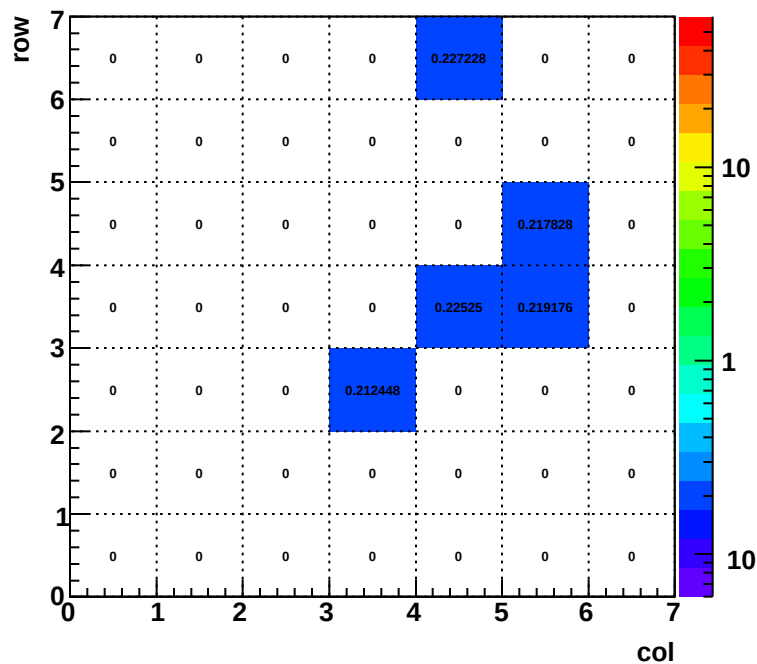
Running Yellow Spin Accumulation



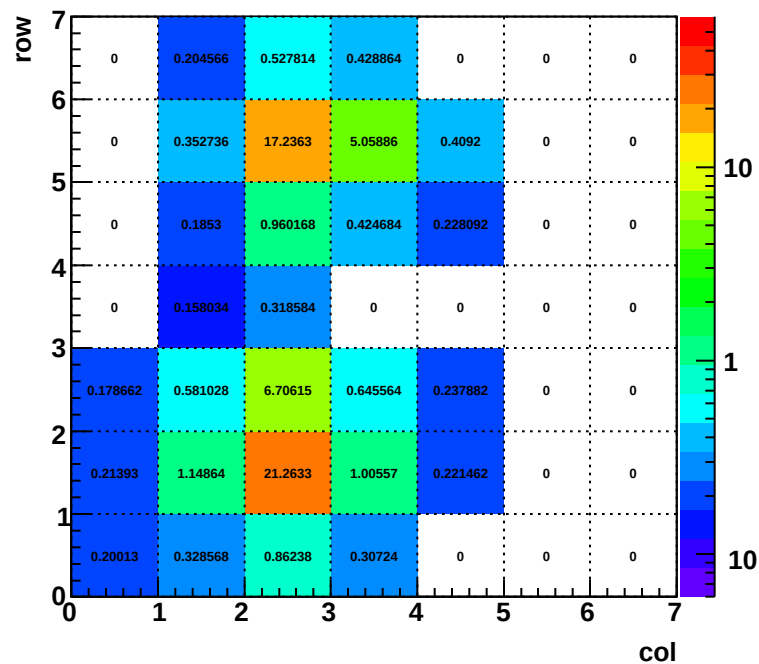
spcntH

Entries 141
Mean 0.2199
RMS 0.9755

North FPD



South FPD



142) Rnum=7122049 EventN=3805618 (1 Yu-N[+])

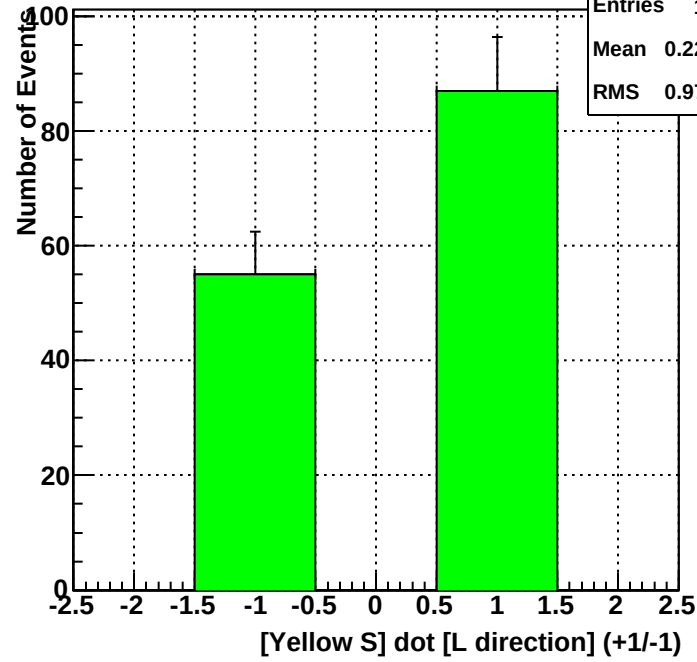
(1) Energy=29.878330 Y=-3.619798 Phi=-0.130305

(2) Energy=30.420687 Y=-3.901509 Phi=0.080362

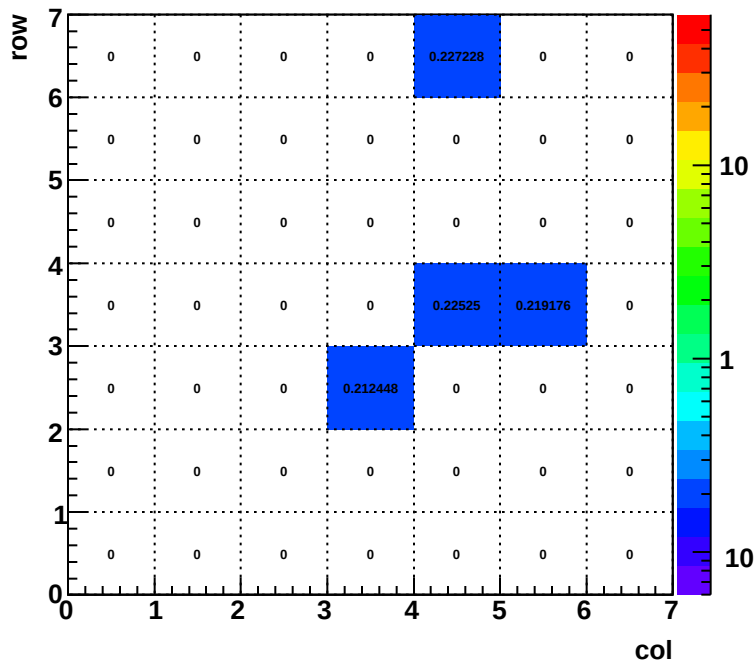
M12=0.494 Y12=-3.757 Phi12=-0.039 E12=60.299

SumN(-) = 55 SumN(+) = 87 AN/6=0.376

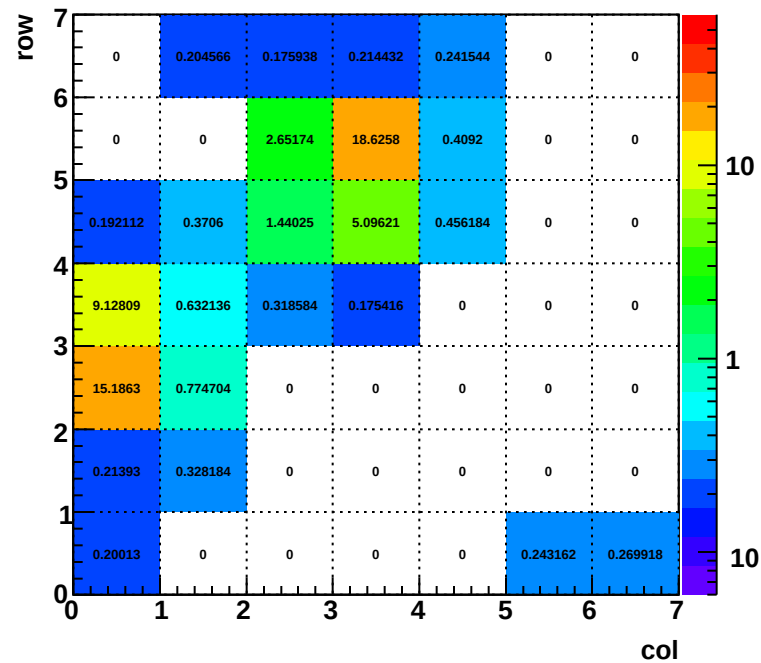
Running Yellow Spin Accumulation



North FPD



South FPD



143) Rnum=7122049 EventN=5007673 (0 Yd-N[-])

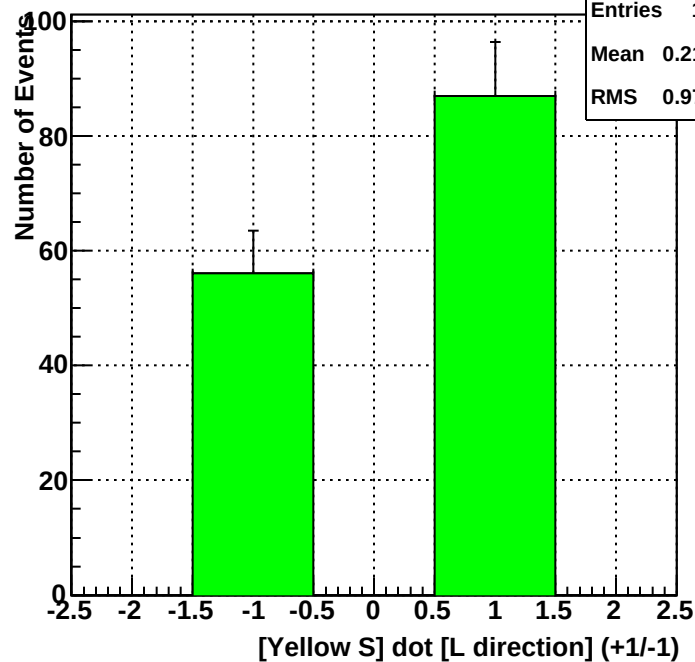
(1) Energy=39.739548 Y=-3.712805 Phi=0.177369

(2) Energy=20.553663 Y=-3.742117 Phi=-0.272113

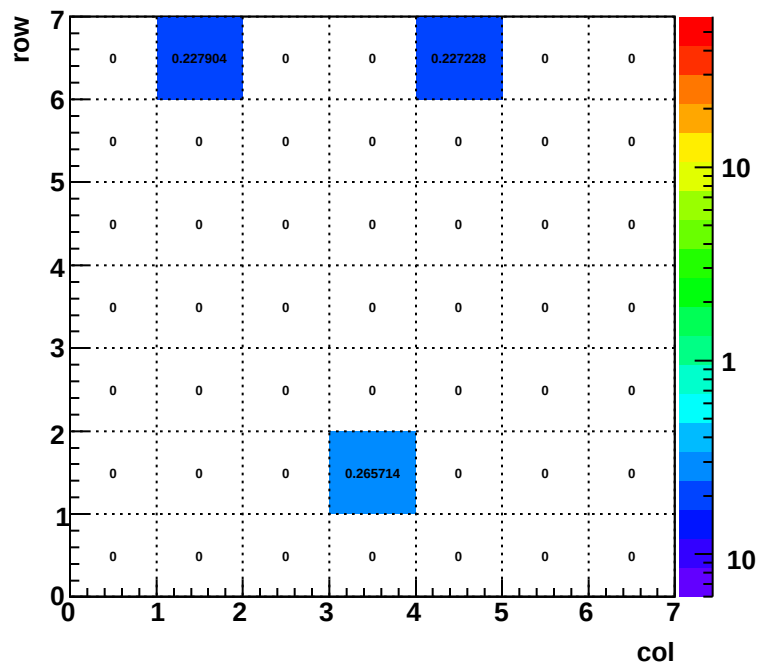
M12=0.614 Y12=-3.745 Phi12=0.028 E12=60.293

SumN(-) = 56 SumN(+) = 87 AN/6=0.361

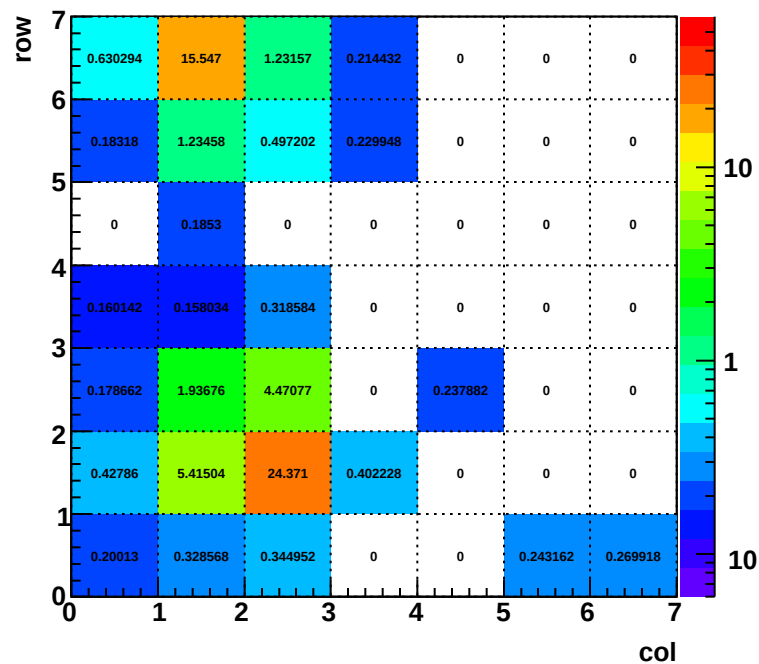
Running Yellow Spin Accumulation



North FPD



South FPD



144) Rnum=7122053 EventN=2304518 (0 Yd-S[+])

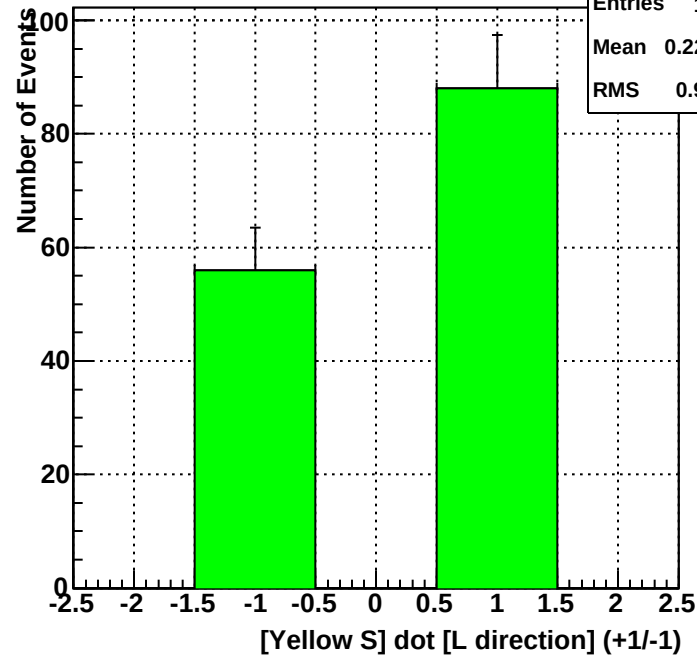
(1) Energy=48.397717 Y=-3.746468 Phi=-2.989887

(2) Energy=12.260468 Y=-3.639797 Phi=2.863223

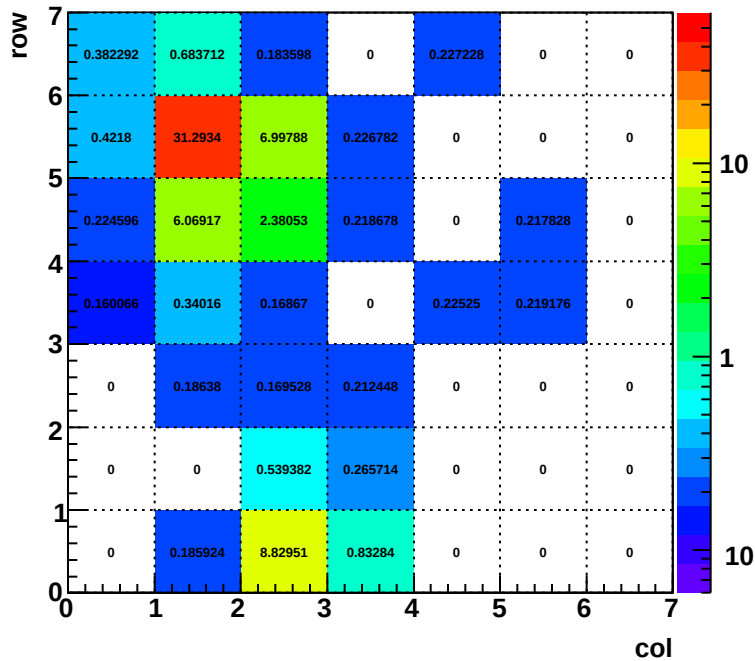
M12=0.533 Y12=-3.740 Phi12=-3.083 E12=60.658

SumN(-) = 56 SumN(+)= 88 AN/.6=0.370

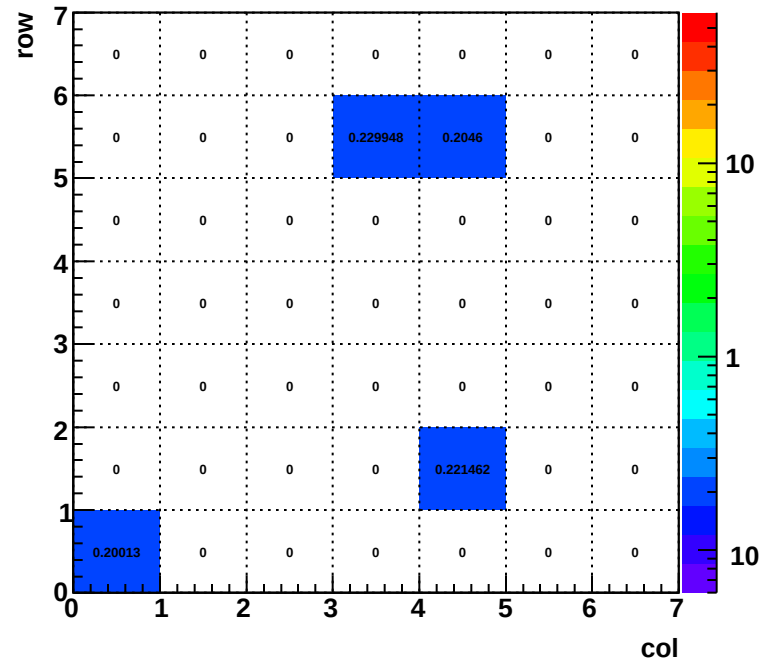
Running Yellow Spin Accumulation



North FPD



South FPD



145) Rnum=7122054 EventN=3704917 (1 Yu-N[+])

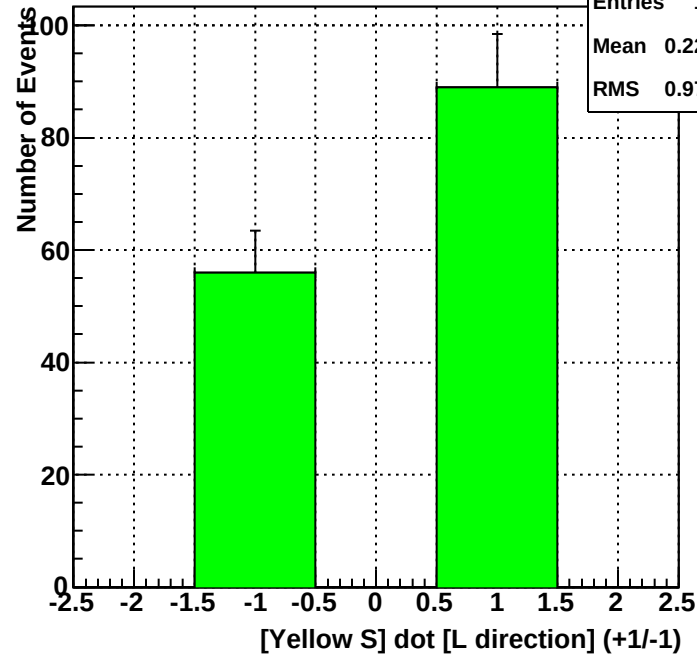
(1) Energy=33.669422 Y=-3.603902 Phi=0.123342

(2) Energy=27.924704 Y=-3.914061 Phi=-0.157987

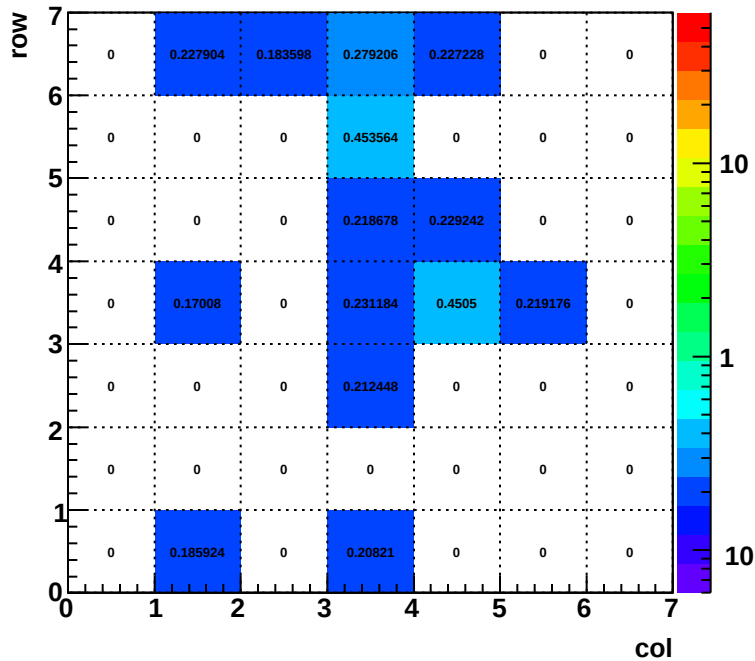
M12=0.599 Y12=-3.742 Phi12=0.017 E12=61.594

SumN(-) = 56 SumN(+)= 89 AN/6=0.379

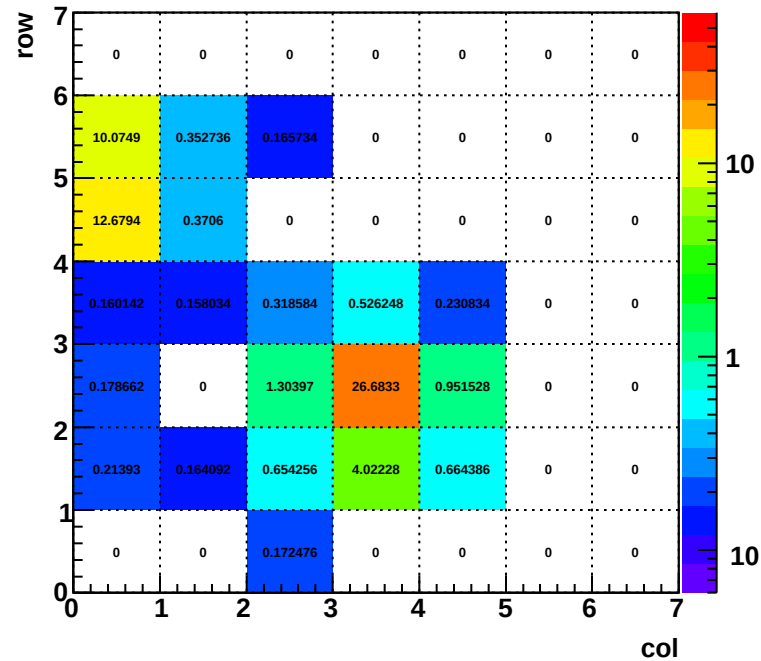
Running Yellow Spin Accumulation



North FPD



South FPD



146) Rnum=7122057 EventN=4801715 (0 Yd-S[+])

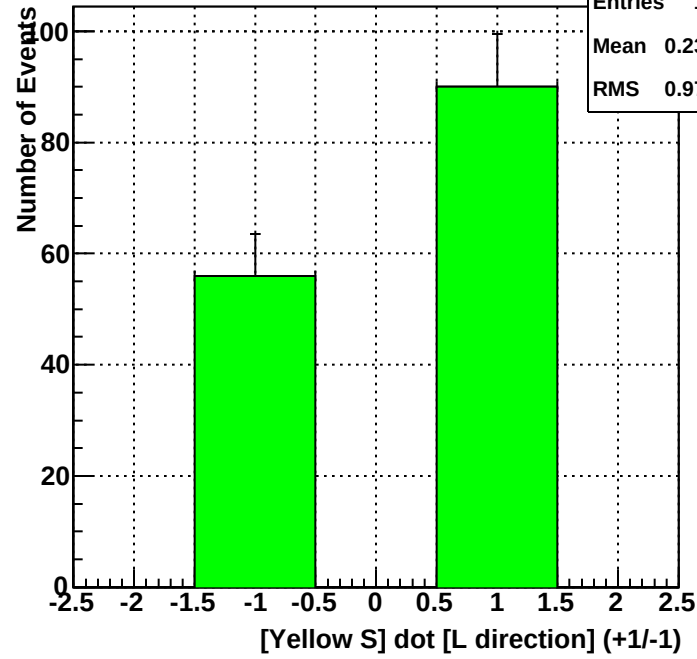
(1) Energy=32.833332 Y=-3.881942 Phi=-2.926697

(2) Energy=29.734964 Y=-3.637474 Phi=3.061398

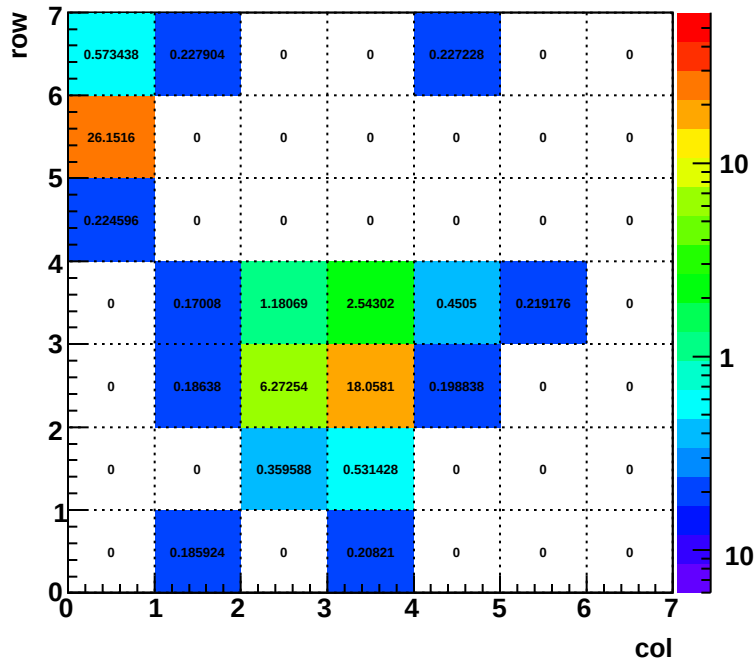
M12=0.557 Y12=-3.769 Phi12=-3.085 E12=62.568

SumN(-) = 56 SumN(+) = 90 AN/6=0.388

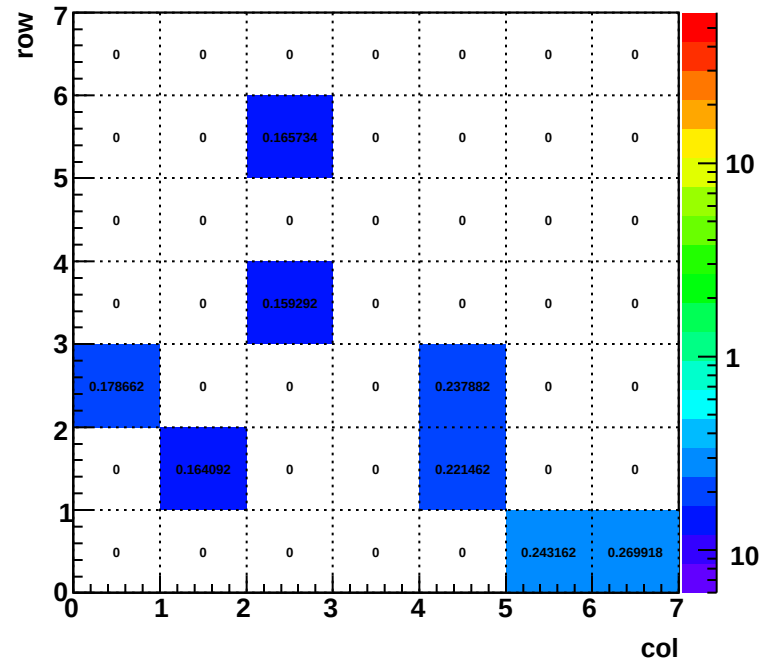
Running Yellow Spin Accumulation



North FPD



South FPD



147) Rnum=7122063 EventN=1204714 (2 Yd-S[+])

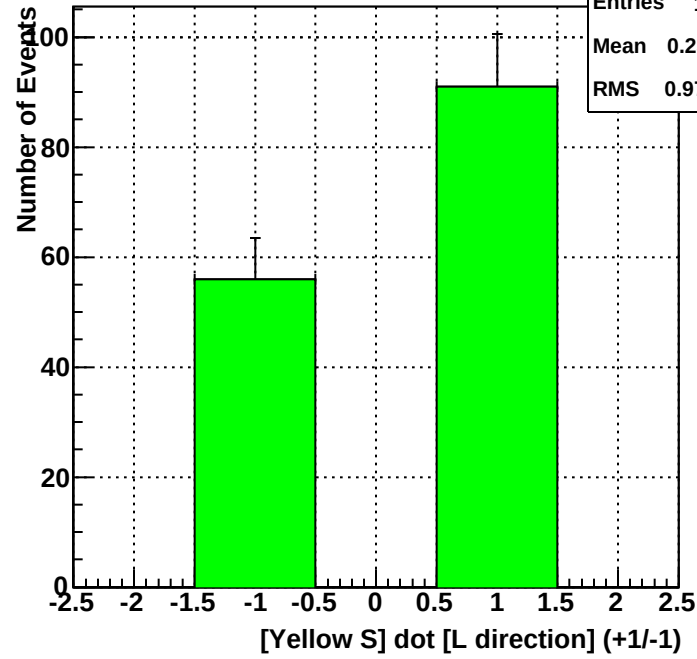
(1) Energy=50.617638 Y=-3.628820 Phi=-3.060467

(2) Energy=17.443123 Y=-3.871961 Phi=2.884180

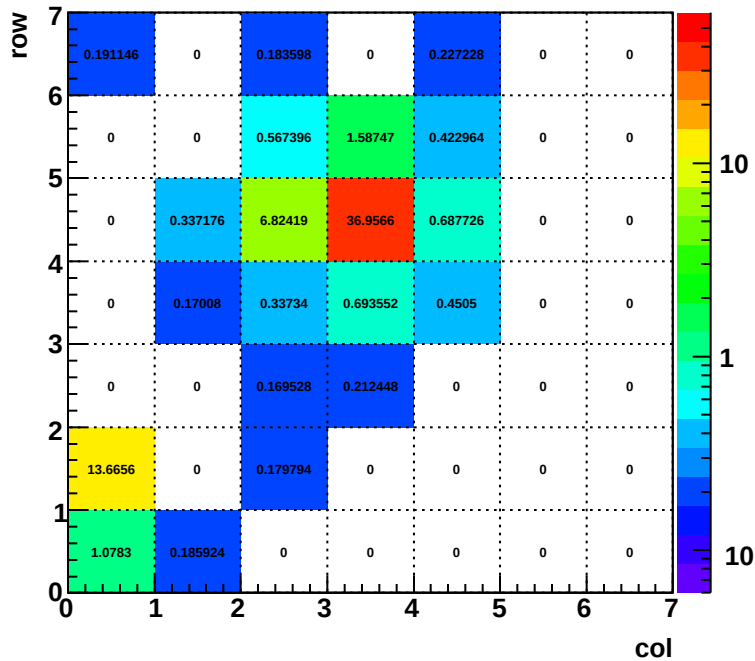
M12=0.581 Y12=-3.695 Phi12=-3.132 E12=68.061

SumN(-) = 56 SumN(+) = 91 AN/6=0.397

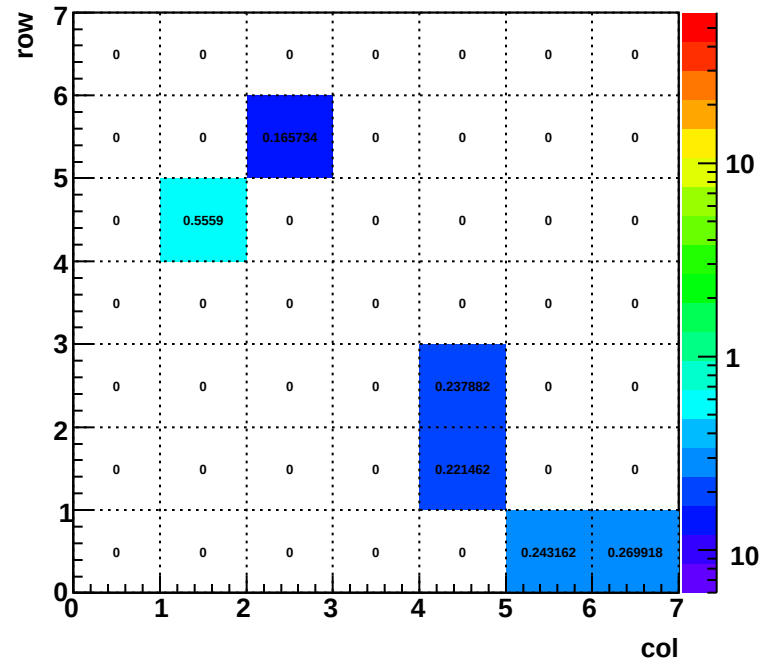
Running Yellow Spin Accumulation



North FPD



South FPD



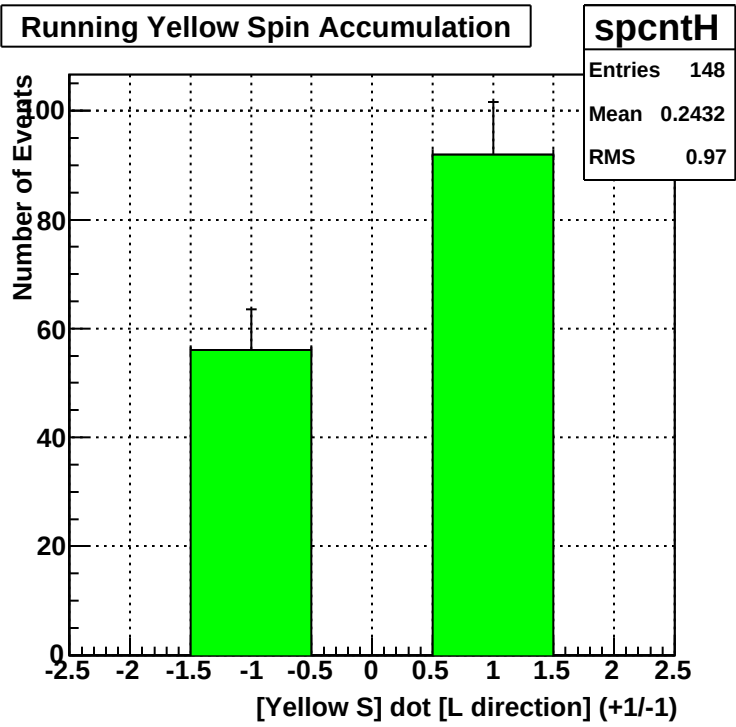
148) Rnum=7122070 EventN=6304544 (1 Yu-N[+])

(1) Energy=31.575930 Y=-3.914925 Phi=-0.089894

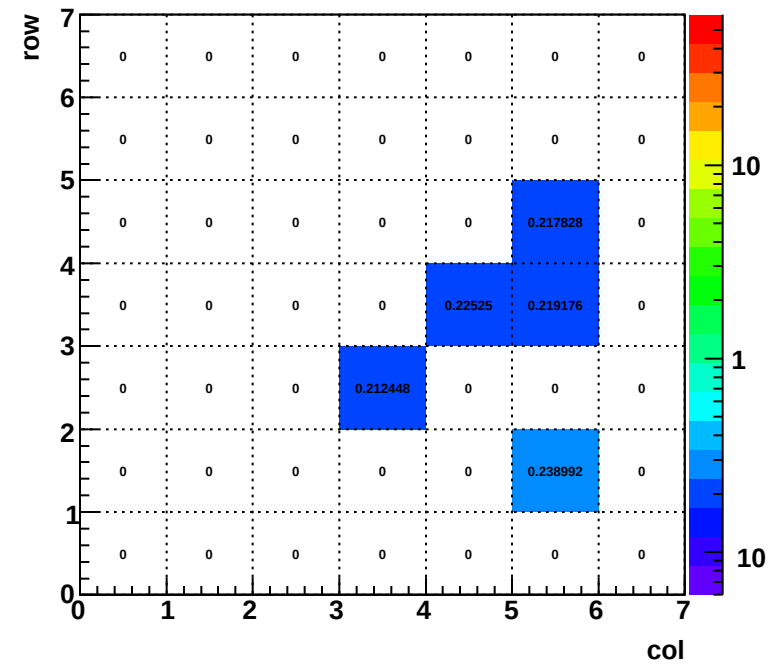
(2) Energy=35.763428 Y=-3.545281 Phi=-0.078999

M12=0.599 Y12=-3.702 Phi12=-0.083 E12=67.339

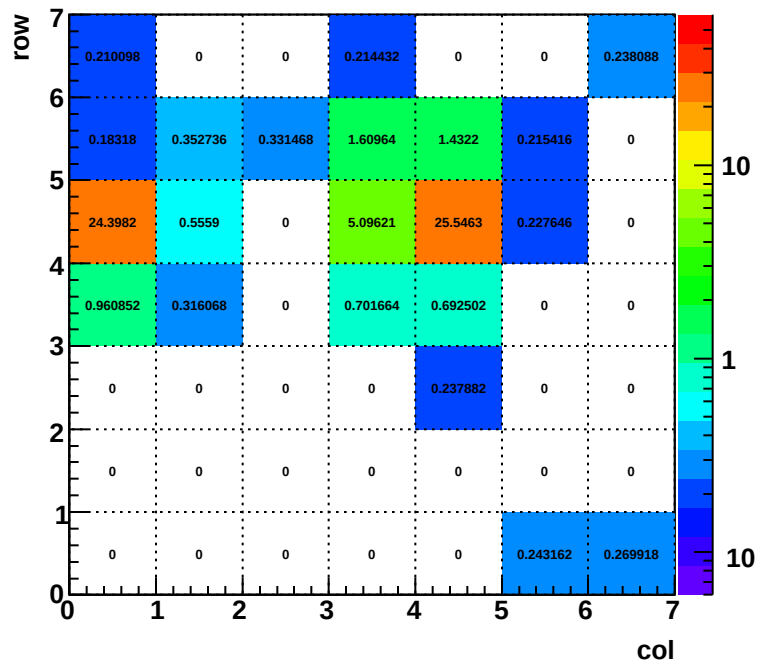
SumN(-) = 56 SumN(+) = 92 AN/6=0.405



North FPD



South FPD



149) Rnum=7122070 EventN=1801913 (3 Yu-S[-])

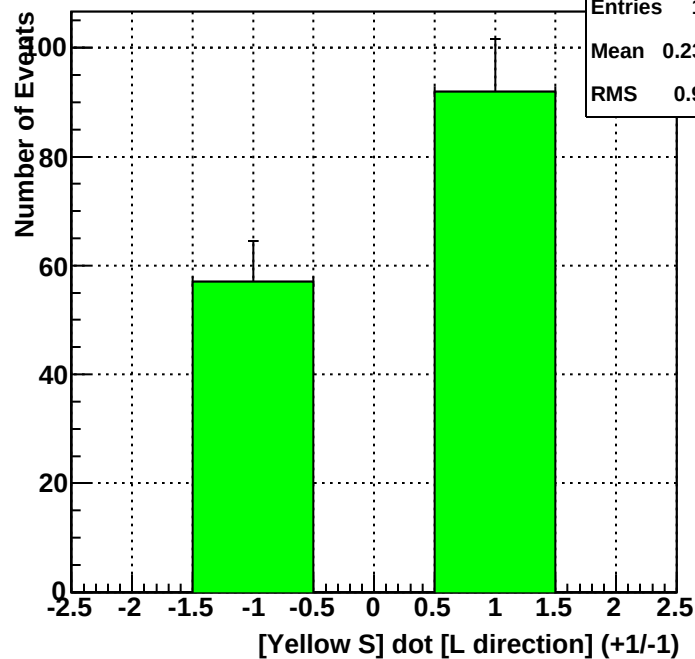
(1) Energy=32.282017 Y=-3.694679 Phi=3.132349

(2) Energy=29.232693 Y=-3.405288 Phi=-3.005896

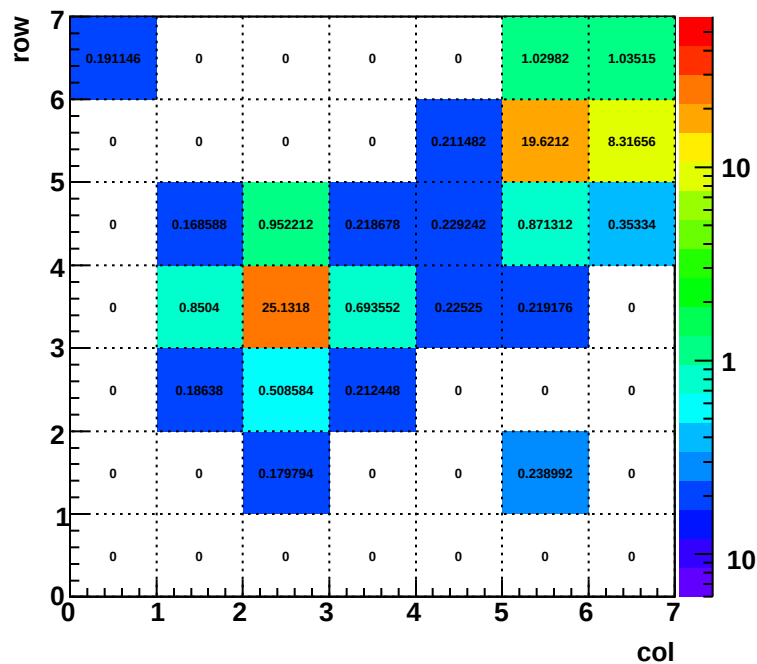
M12=0.572 Y12=-3.549 Phi12=-3.072 E12=61.515

SumN(-) = 57 SumN(+) = 92 AN/6=0.391

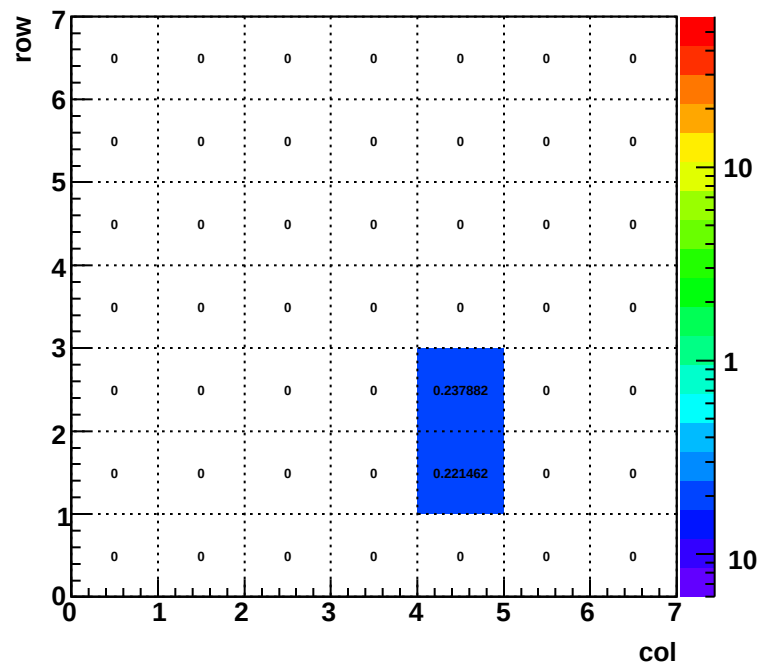
Running Yellow Spin Accumulation



North FPD



South FPD



150) Rnum=7123011 EventN=4507116 (0 Yd-S[+])

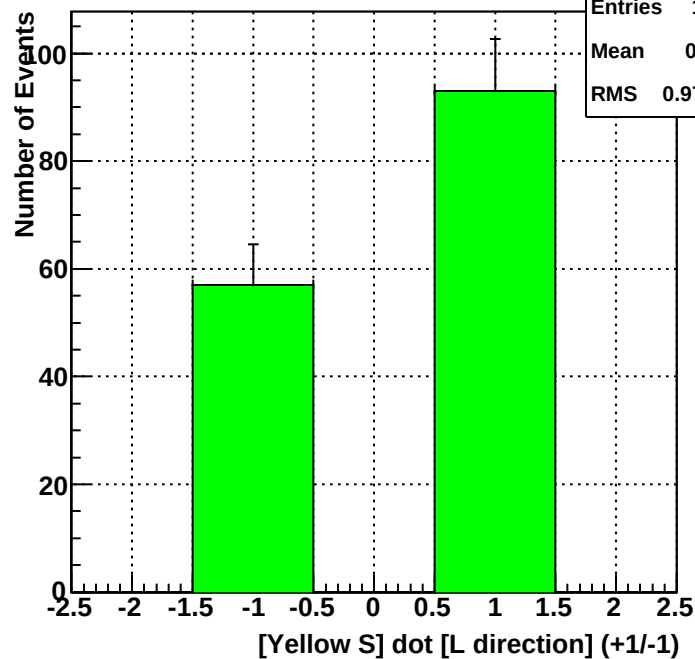
(1) Energy=42.797424 Y=-3.730659 Phi=2.968098

(2) Energy=18.138577 Y=-3.394609 Phi=3.089560

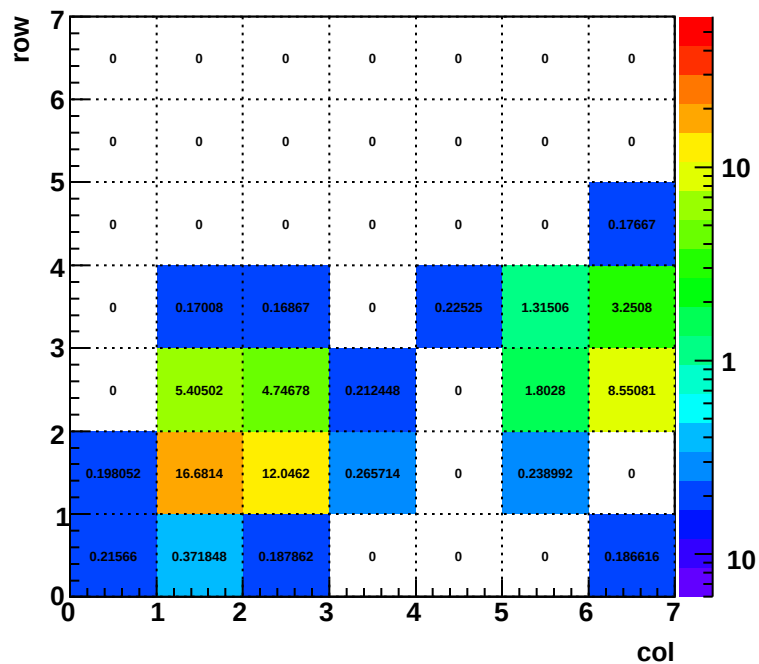
M12=0.566 Y12=-3.620 Phi12=3.013 E12=60.936

SumN(-) = 57 SumN(+) = 93 AN/6=0.400

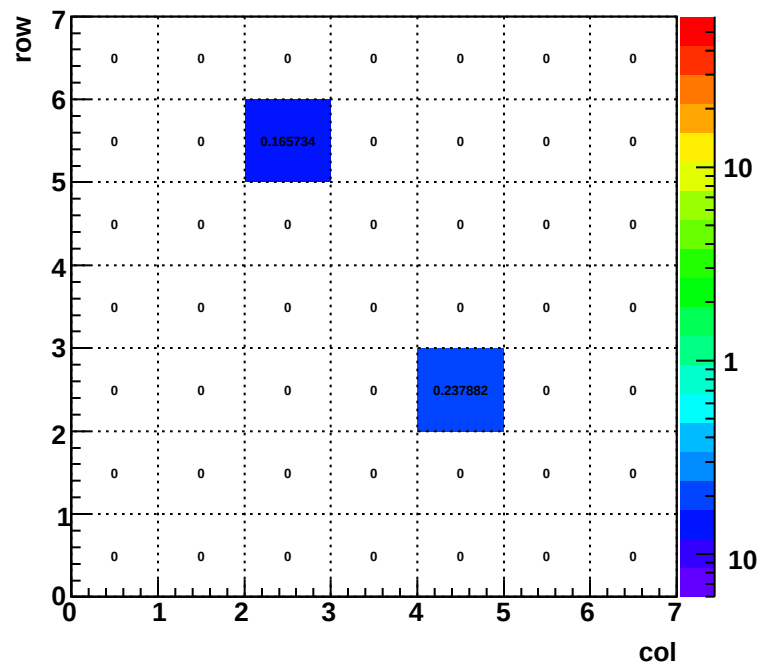
Running Yellow Spin Accumulation



North FPD



South FPD



151) Rnum=7123011 EventN=608595 (3 Yu-N[+])

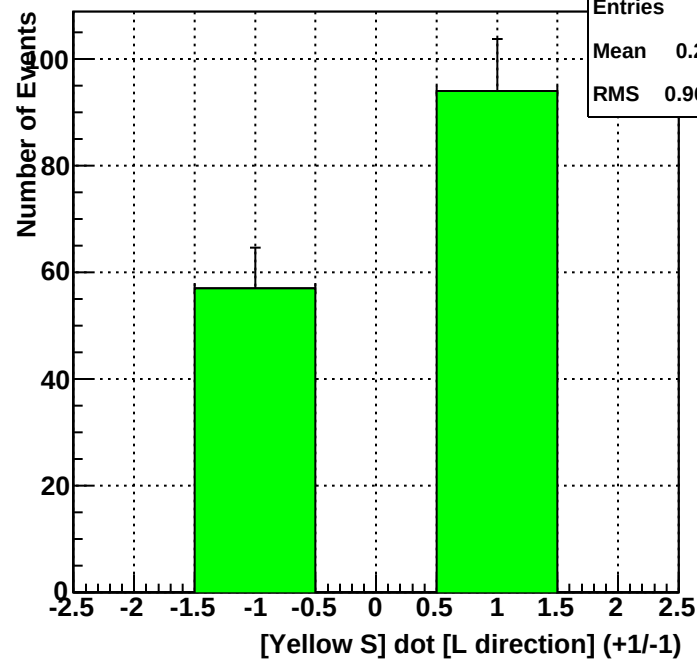
(1) Energy=49.320492 Y=-3.695346 Phi=-0.195043

(2) Energy=14.535724 Y=-3.761554 Phi=0.244785

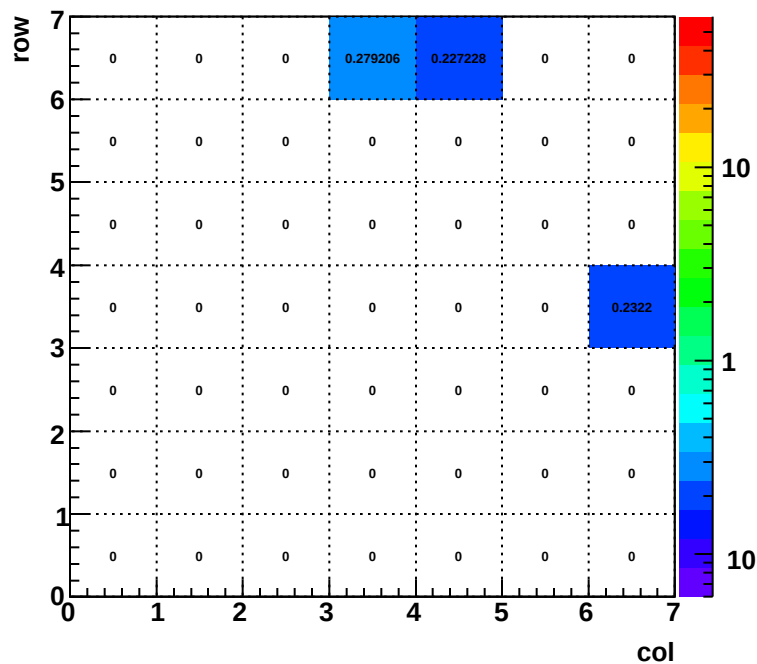
M12=0.568 Y12=-3.726 Phi12=-0.101 E12=63.856

SumN(-) = 57 SumN(+)= 94 AN/6=0.408

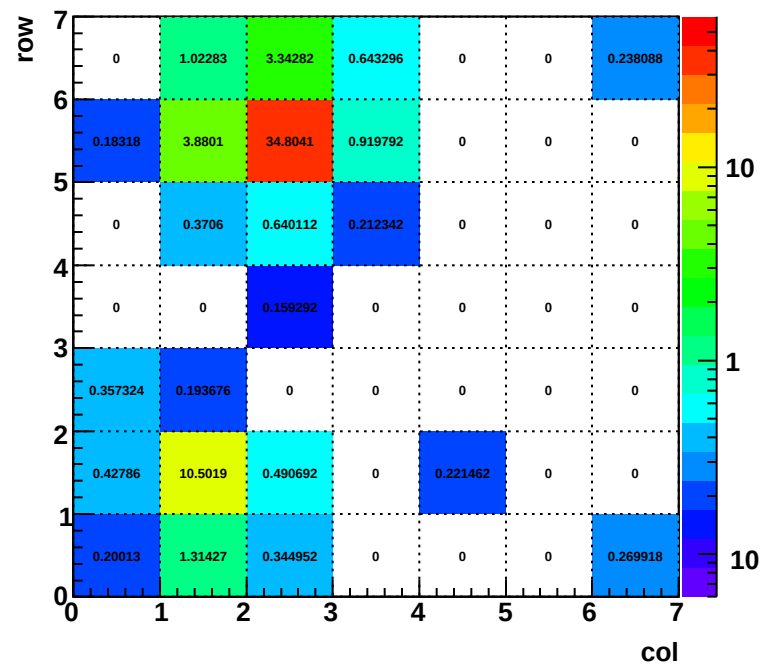
Running Yellow Spin Accumulation



North FPD



South FPD



152) Rnum=7123015 EventN=7507958 (1 Yu-S[-])

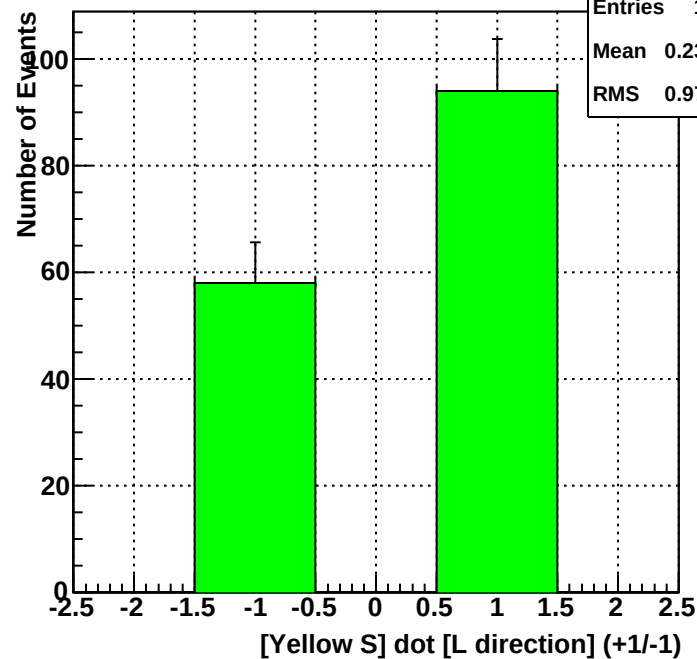
(1) Energy=43.106339 Y=-3.918410 Phi=-3.062716

(2) Energy=19.541866 Y=-3.502630 Phi=3.120815

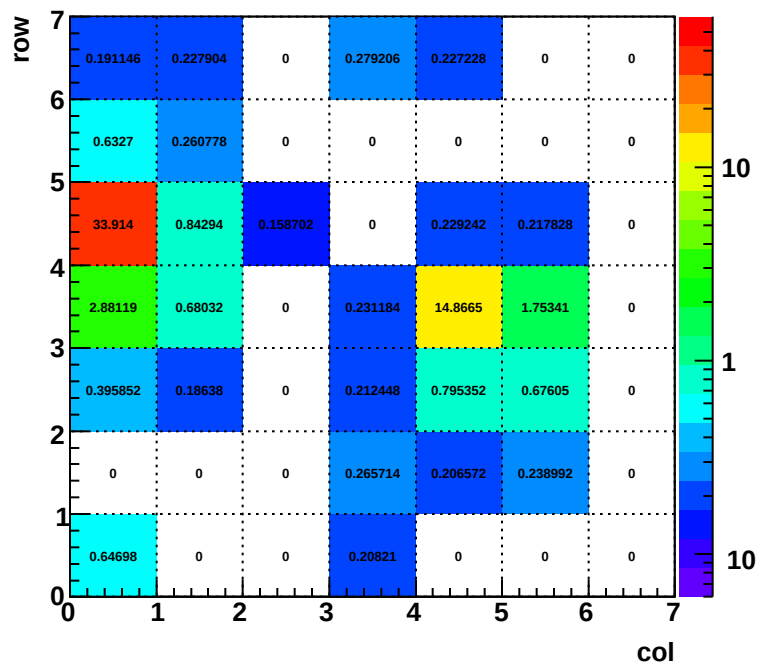
M12=0.611 Y12=-3.771 Phi12=-3.103 E12=62.648

SumN(-) = 58 SumN(+) = 94 AN/.6=0.395

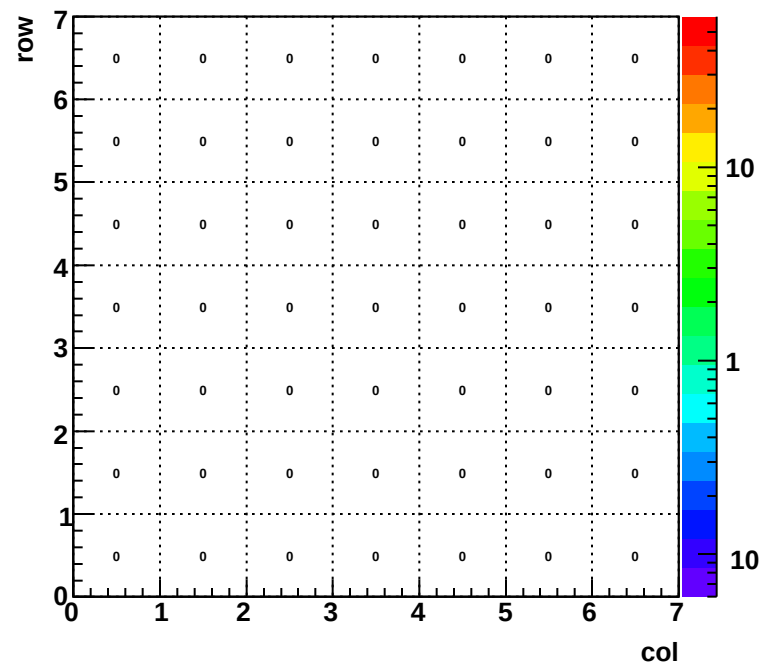
Running Yellow Spin Accumulation



North FPD



South FPD



153) Rnum=7123016 EventN=607066 (2 Yd-N[-])

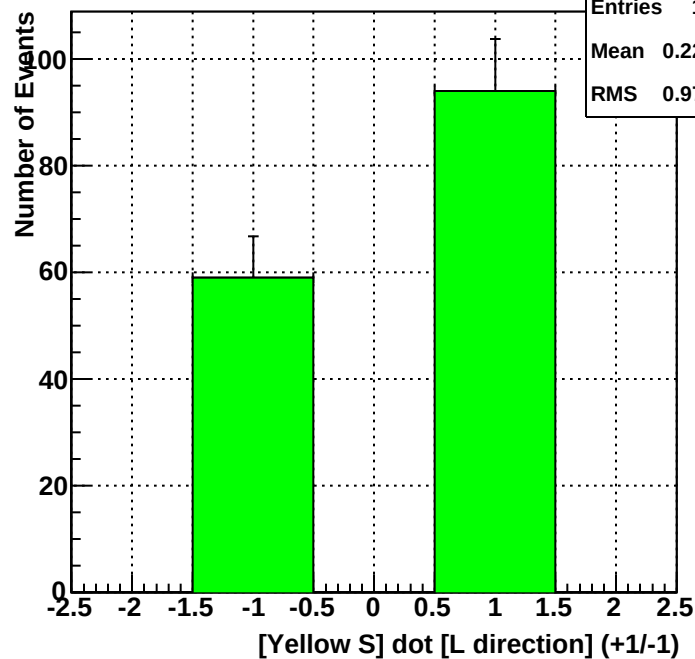
(1) Energy=46.809776 Y=-3.708179 Phi=-0.174662

(2) Energy=19.087366 Y=-3.688051 Phi=0.202818

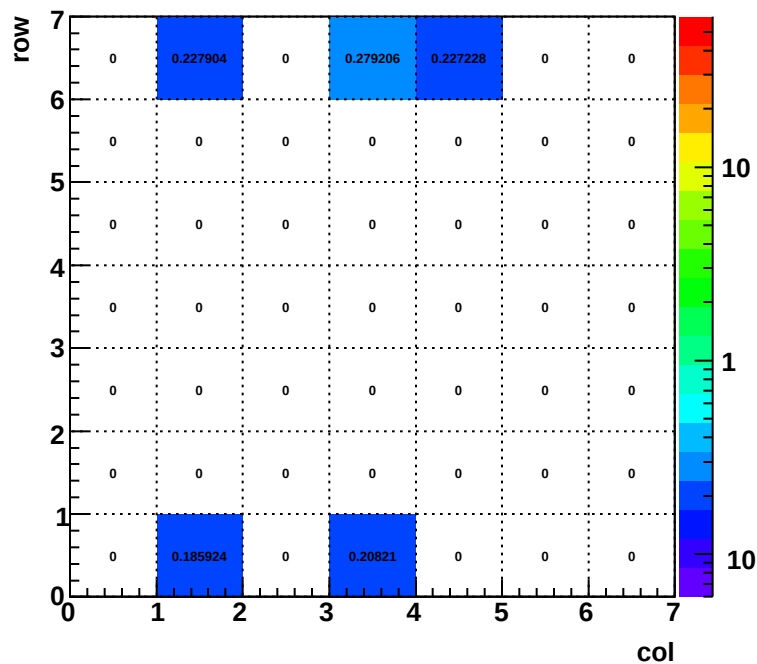
M12=0.556 Y12=-3.717 Phi12=-0.065 E12=65.897

SumN(-) = 59 SumN(+)= 94 AN/6=0.381

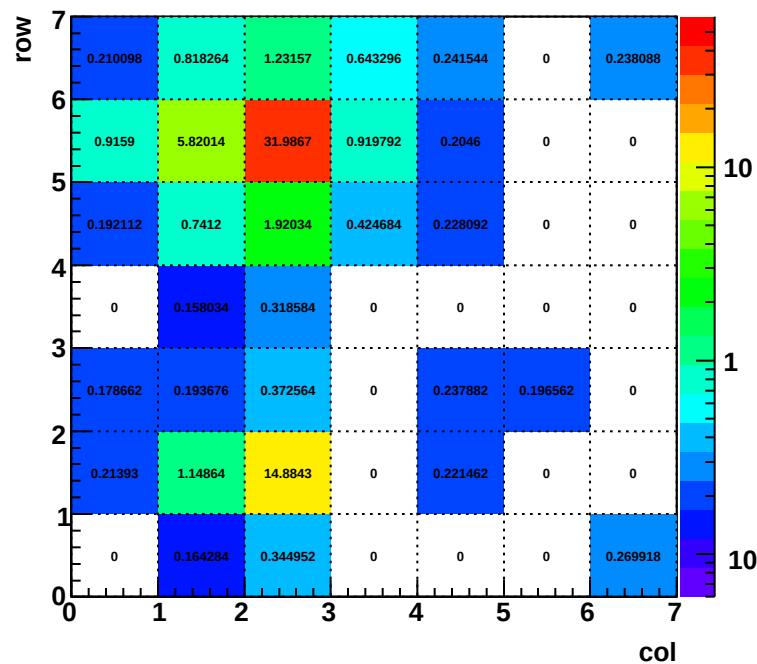
Running Yellow Spin Accumulation



North FPD



South FPD



154) Rnum=7123019 EventN=3804051 (1 Yu-N[+])

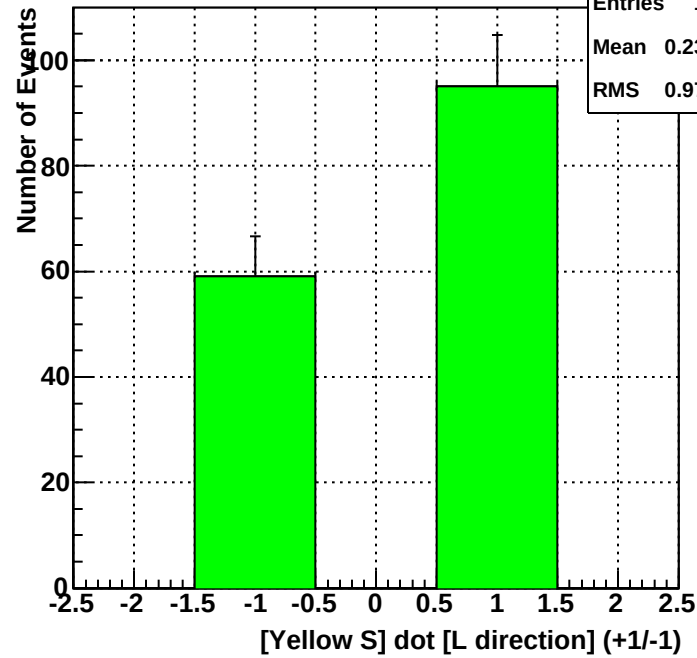
(1) Energy=47.382965 Y=-3.515858 Phi=0.027853

(2) Energy=18.509544 Y=-3.877956 Phi=0.009841

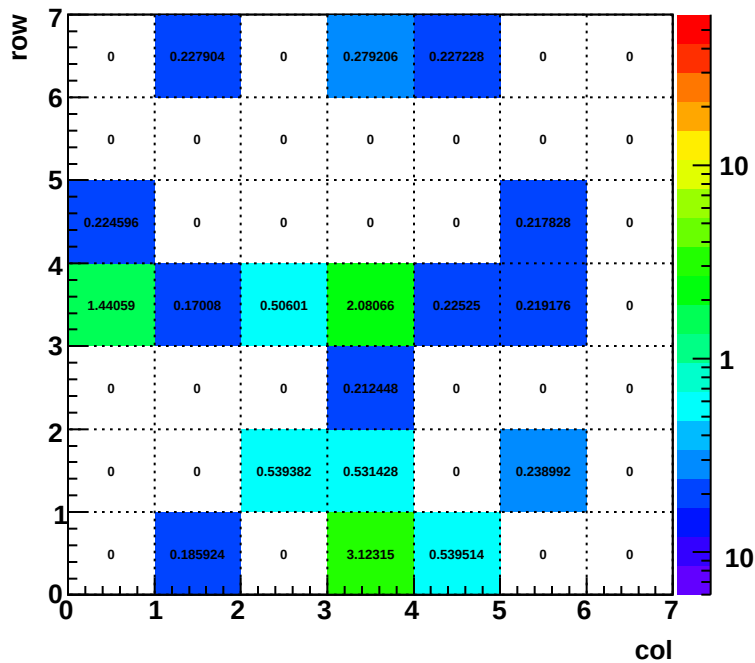
M12=0.535 Y12=-3.605 Phi12=0.024 E12=65.893

SumN(-) = 59 SumN(+)= 95 AN/6=0.390

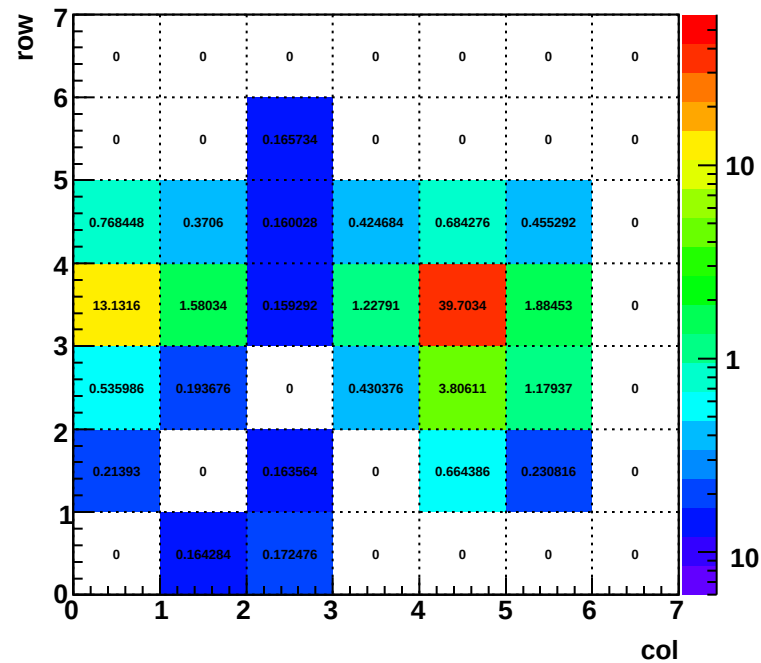
Running Yellow Spin Accumulation



North FPD



South FPD



155) Rnum=7123020 EventN=603817 (3 Yu-S[-])

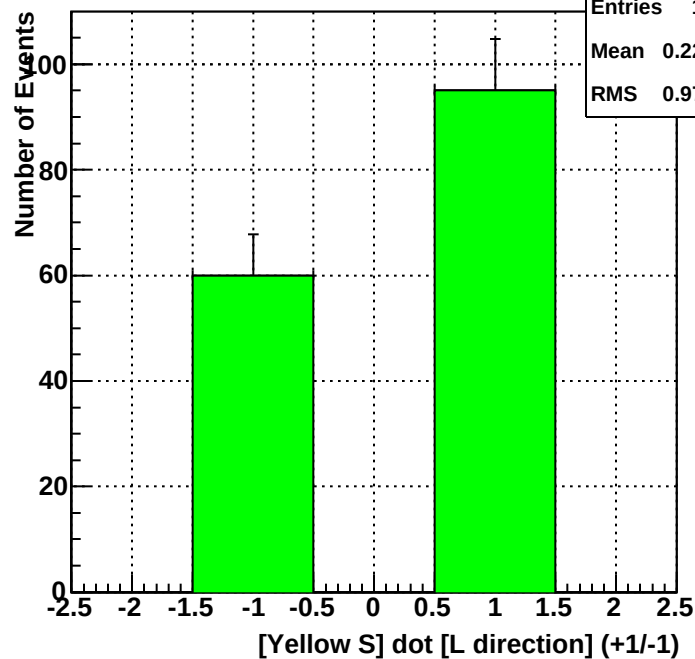
(1) Energy=44.690445 Y=-3.820409 Phi=3.087674

(2) Energy=17.712700 Y=-3.490352 Phi=-3.117967

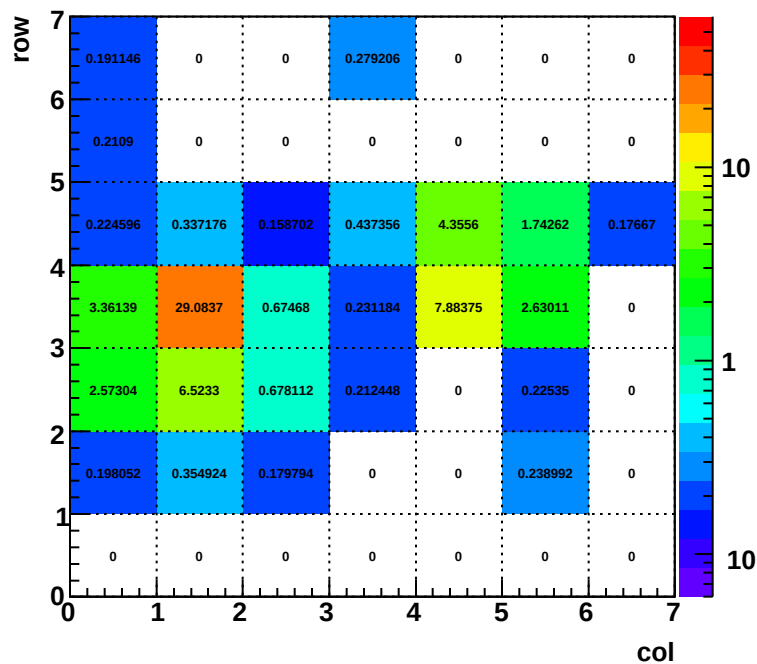
M12=0.495 Y12=-3.716 Phi12=3.115 E12=62.403

SumN(-) = 60 SumN(+)= 95 AN/.6=0.376

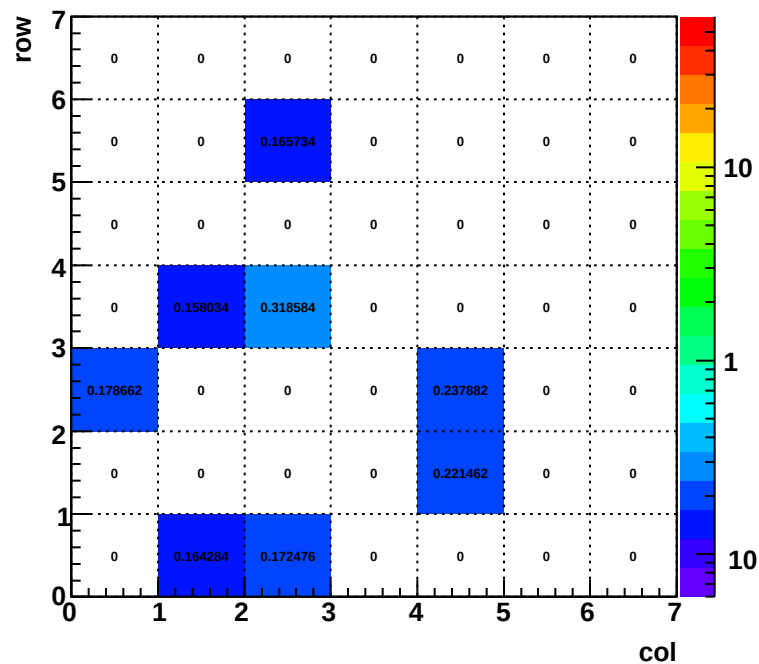
Running Yellow Spin Accumulation



North FPD



South FPD



156) Rnum=7123022 EventN=3909867 (1 Yu-N[+])

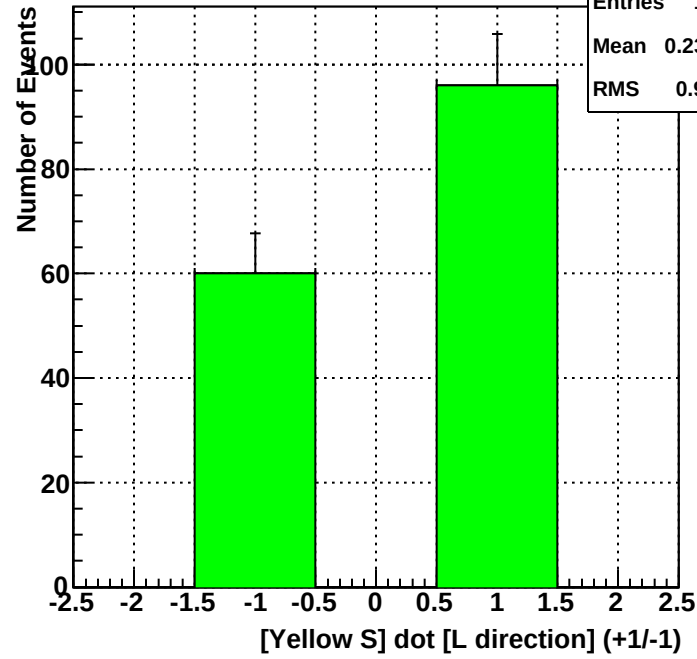
(1) Energy=39.966324 Y=-3.650158 Phi=0.201829

(2) Energy=23.583651 Y=-3.512259 Phi=-0.115499

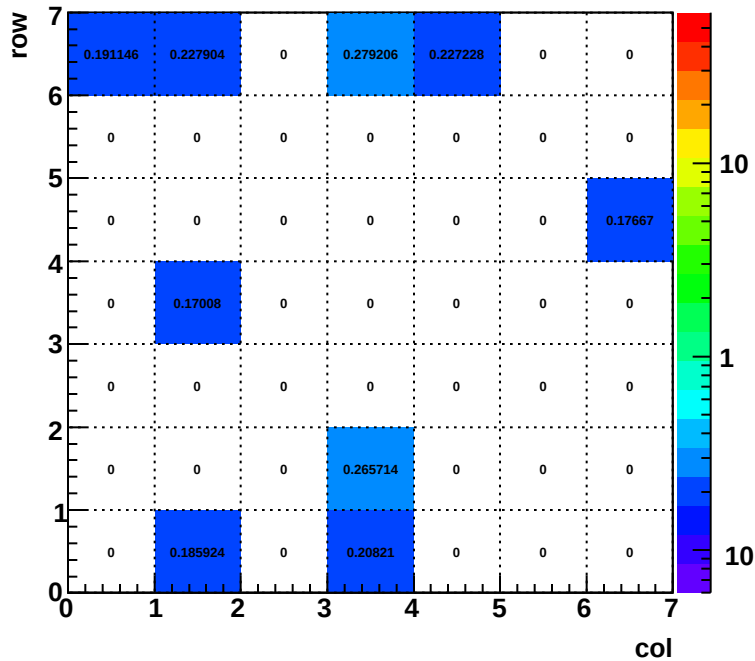
M12=0.589 Y12=-3.609 Phi12=0.074 E12=63.550

SumN(-) = 60 SumN(+)= 96 AN/6=0.385

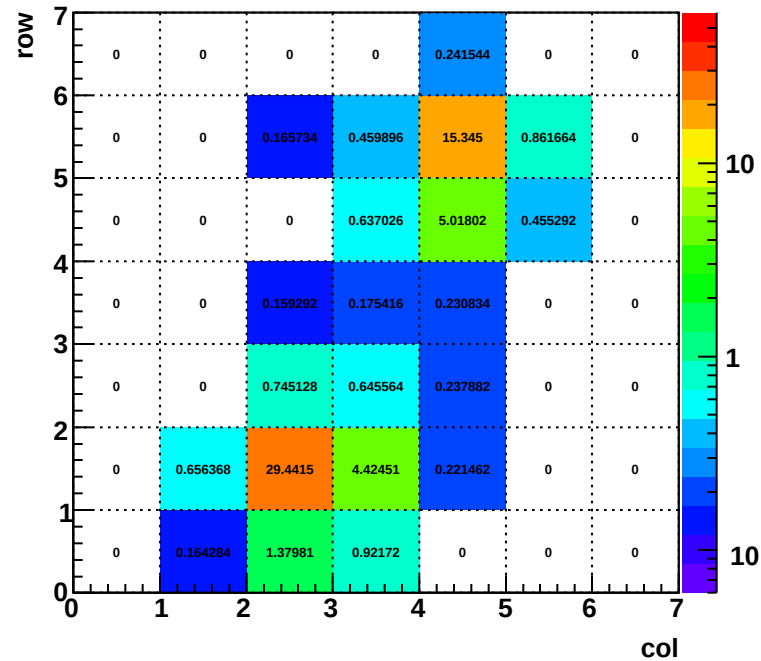
Running Yellow Spin Accumulation



North FPD



South FPD



157) Rnum=7123022 EventN=109423 (1 Yu-S[-])

(1) Energy=39.736237 Y=-3.755247 Phi=-2.897241

(2) Energy=22.069502 Y=-3.654872 Phi=2.975816

M12=0.611 Y12=-3.738 Phi12=-3.053 E12=61.806

SumN(-) = 61 SumN(+)= 96 AN/.6=0.372

157) Rnum=7123022 EventN=109423 (1 Yu-S[-])

(1) Energy=39.736237 Y=-3.755247 Phi=-2.897241

(2) Energy=22.069502 Y=-3.654872 Phi=2.975816

M12=0.611 Y12=-3.738 Phi12=-3.053 E12=61.806

SumN(-) = 61 SumN(+)= 96 AN/.6=0.372

157) Rnum=7123022 EventN=109423 (1 Yu-S[-])

(1) Energy=39.736237 Y=-3.755247 Phi=-2.897241

(2) Energy=22.069502 Y=-3.654872 Phi=2.975816

M12=0.611 Y12=-3.738 Phi12=-3.053 E12=61.806

SumN(-) = 61 SumN(+)= 96 AN/.6=0.372

157) Rnum=7123022 EventN=109423 (1 Yu-S[-])

(1) Energy=39.736237 Y=-3.755247 Phi=-2.897241

(2) Energy=22.069502 Y=-3.654872 Phi=2.975816

M12=0.611 Y12=-3.738 Phi12=-3.053 E12=61.806

SumN(-) = 61 SumN(+)= 96 AN/.6=0.372

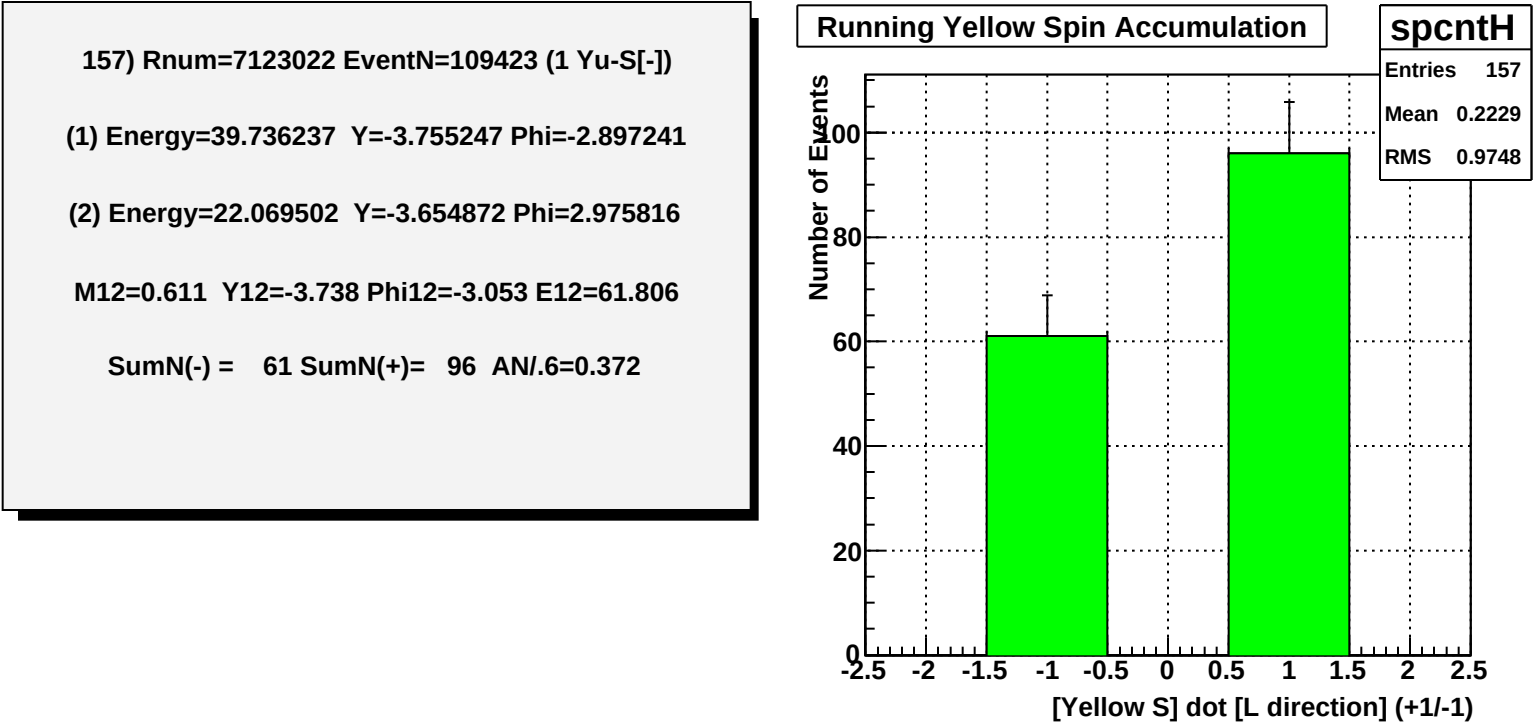
157) Rnum=7123022 EventN=109423 (1 Yu-S[-])

(1) Energy=39.736237 Y=-3.755247 Phi=-2.897241

(2) Energy=22.069502 Y=-3.654872 Phi=2.975816

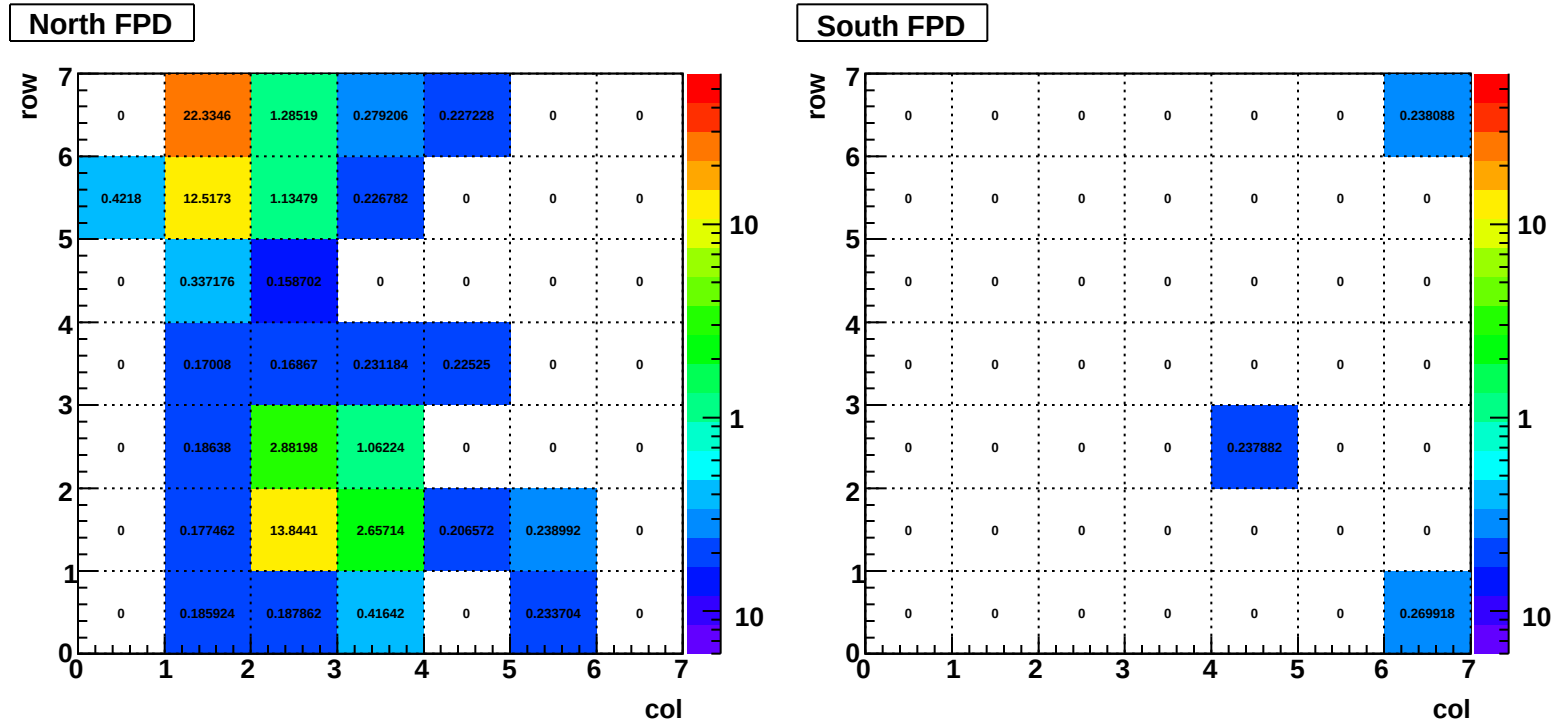
M12=0.611 Y12=-3.738 Phi12=-3.053 E12=61.806

SumN(-) = 61 SumN(+)= 96 AN/.6=0.372



North FPD

row \ col	0	1	2	3	4	5	6	7
0	0	22.3346	1.28519	0.279206	0.227228	0	0	
1	0.4218	12.5173	1.13479	0.226782	0	0	0	
2	0	0.337176	0.158702	0	0	0	0	
3	0	0.17008	0.16867	0.231184	0.22525	0	0	
4	0	0.18638	2.88198	1.06224	0	0	0	
5	0	0.177462	13.8441	2.65714	0.206572	0.238992	0	
6	0	0.185924	0.187862	0.41642	0	0.233704	0	



158) Rnum=7123030 EventN=505927 (0 Yd-N[-])

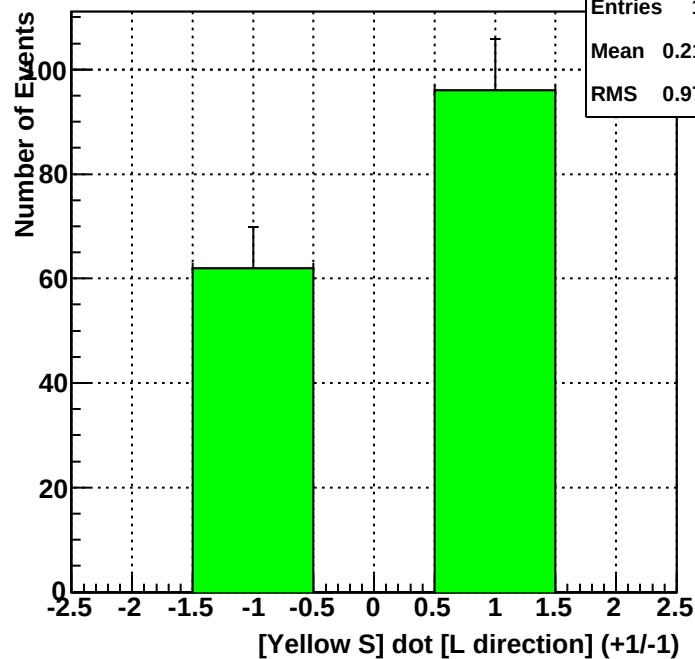
(1) Energy=34.825726 Y=-3.529662 Phi=-0.059793

(2) Energy=25.249943 Y=-3.820724 Phi=0.235118

M12=0.622 Y12=-3.652 Phi12=0.044 E12=60.076

SumN(-) = 62 SumN(+)= 96 AN/6=0.359

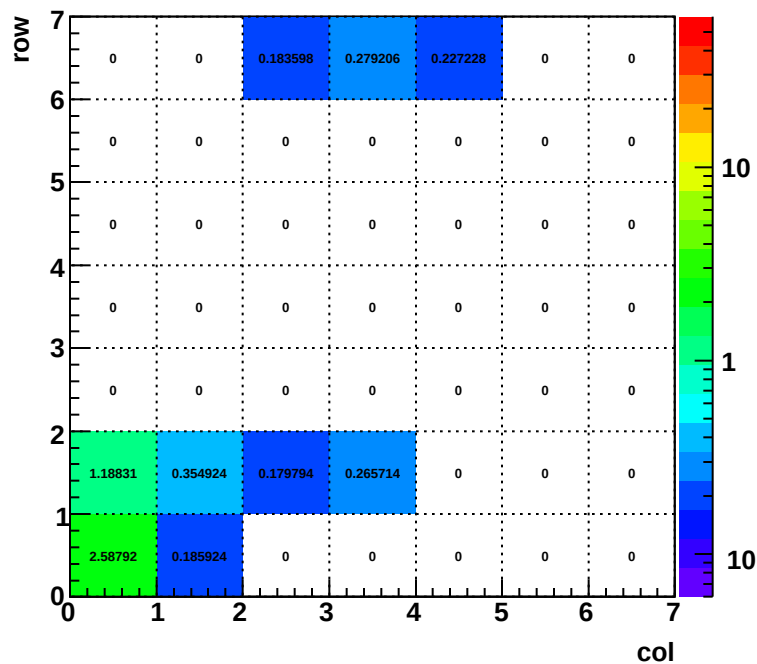
Running Yellow Spin Accumulation



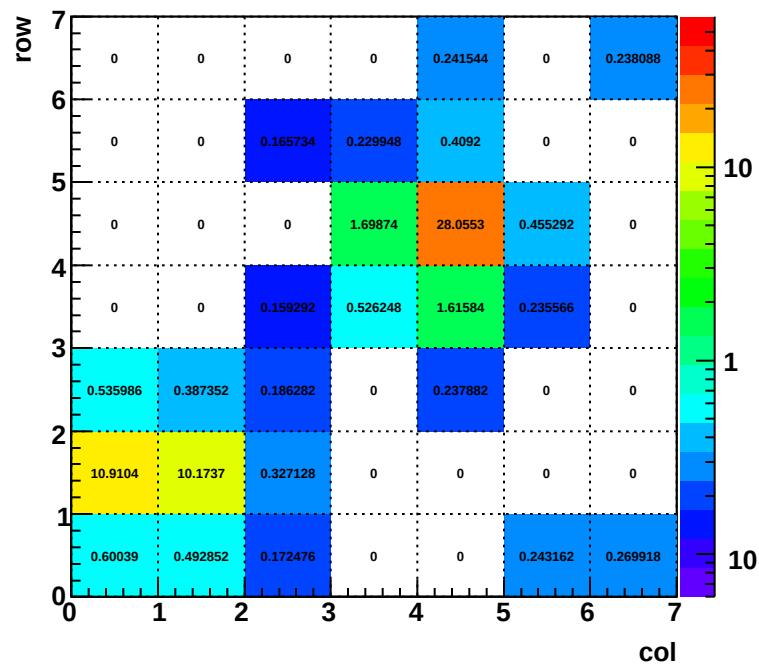
spcntH

Entries 158
Mean 0.2152
RMS 0.9766

North FPD



South FPD



159) Rnum=7123068 EventN=706576 (0 Yd-N[-])

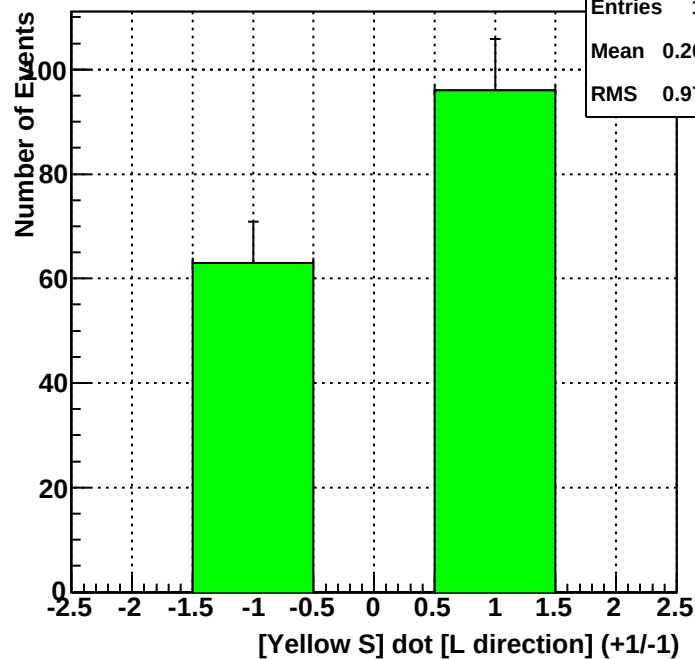
(1) Energy=49.230057 Y=-3.814763 Phi=0.095548

(2) Energy=13.364792 Y=-3.414560 Phi=0.197888

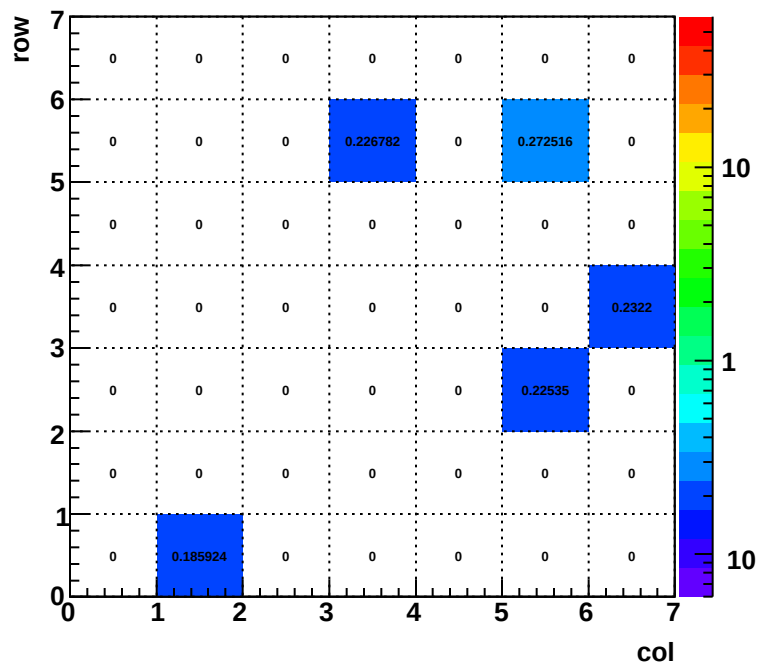
M12=0.574 Y12=-3.716 Phi12=0.125 E12=62.595

SumN(-) = 63 SumN(+)= 96 AN/.6=0.346

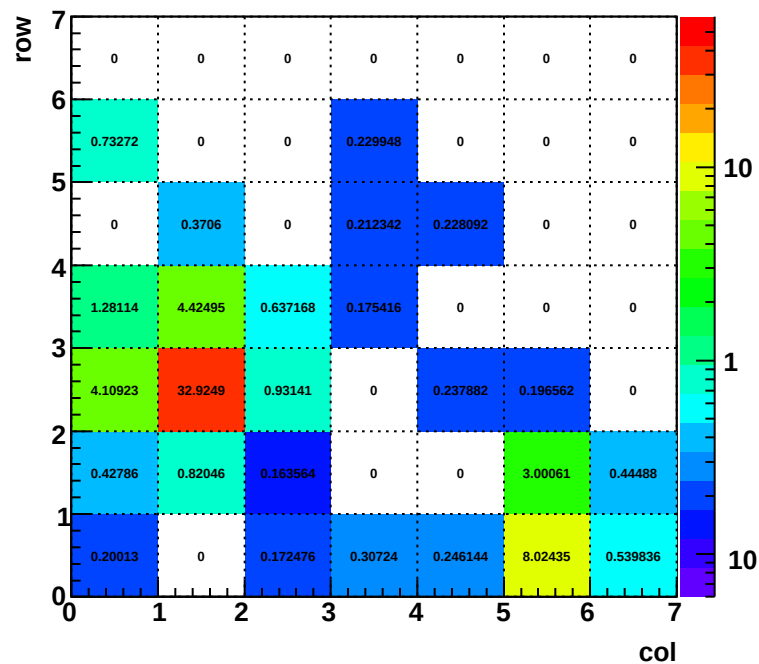
Running Yellow Spin Accumulation



North FPD



South FPD



160) Rnum=7124002 EventN=502968 (1 Yu-N[+])

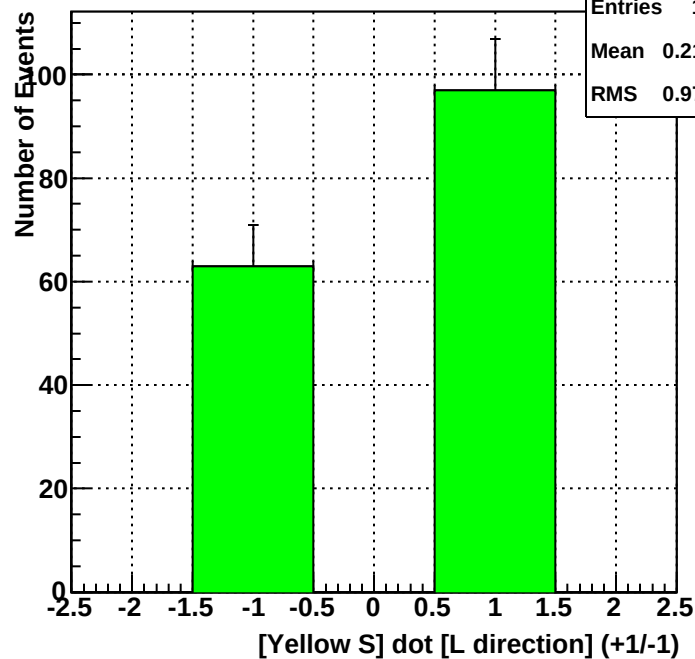
(1) Energy=38.599190 Y=-3.464684 Phi=0.061028

(2) Energy=21.496574 Y=-3.851588 Phi=-0.027899

M12=0.593 Y12=-3.587 Phi12=0.037 E12=60.096

SumN(-) = 63 SumN(+)= 97 AN/6=0.354

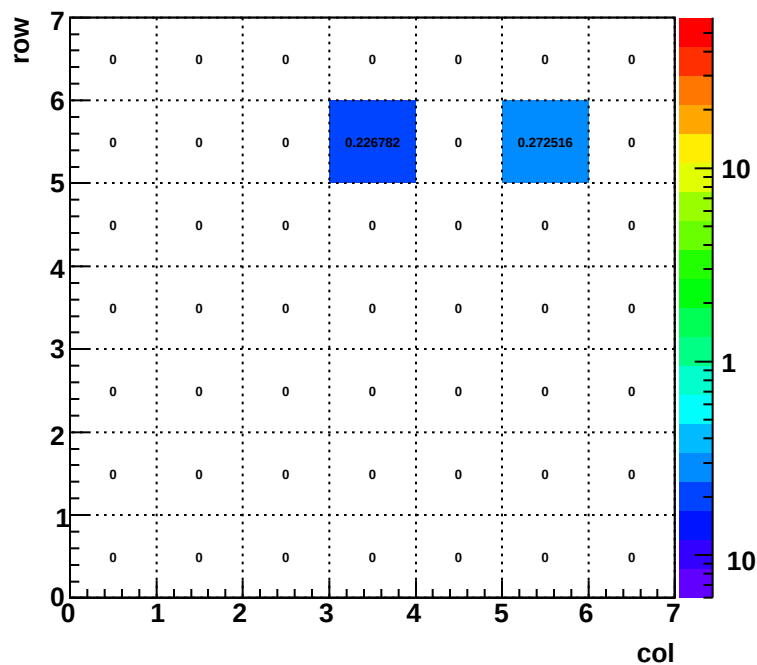
Running Yellow Spin Accumulation



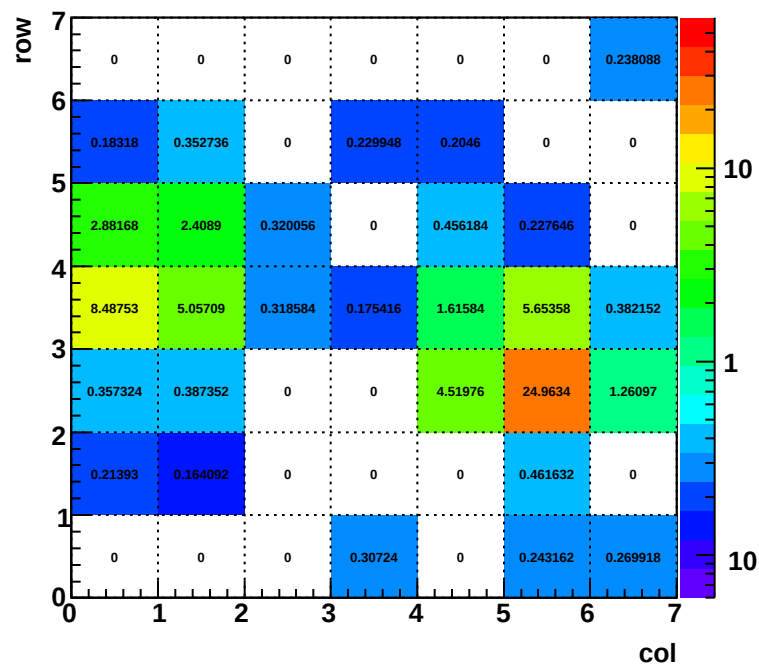
spcntH

Entries 160
Mean 0.2125
RMS 0.9772

North FPD



South FPD



161) Rnum=7124002 EventN=1106684 (0 Yd-N[-])

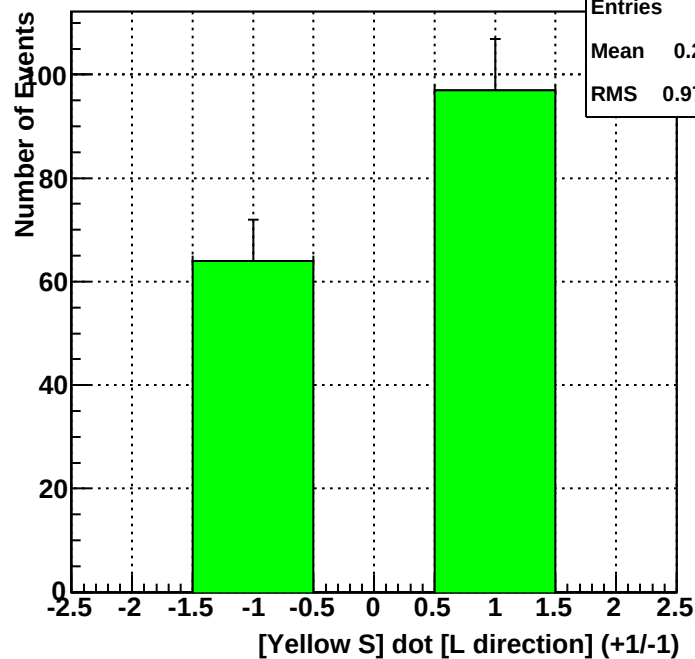
(1) Energy=46.117542 Y=-3.804462 Phi=0.163589

(2) Energy=17.265734 Y=-3.673327 Phi=-0.247301

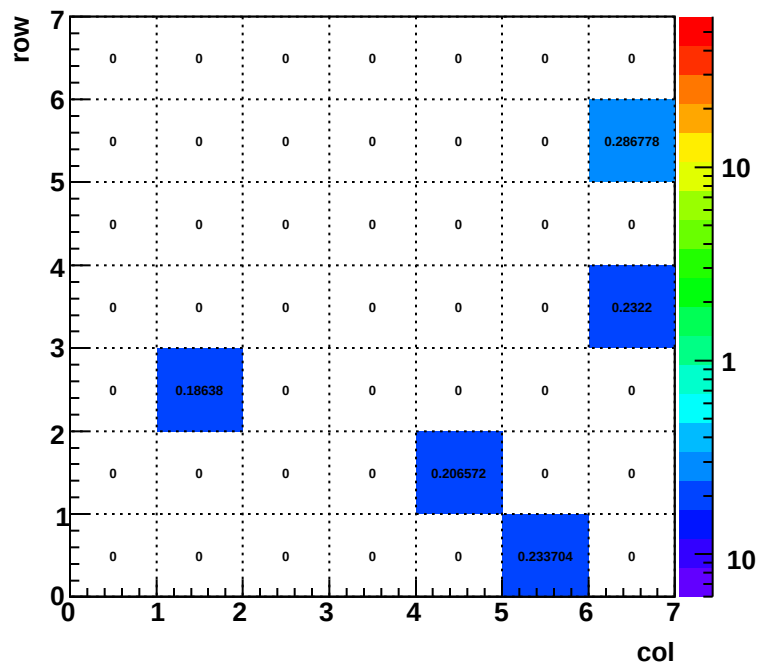
M12=0.575 Y12=-3.785 Phi12=0.042 E12=63.383

SumN(-) = 64 SumN(+)= 97 AN/6=0.342

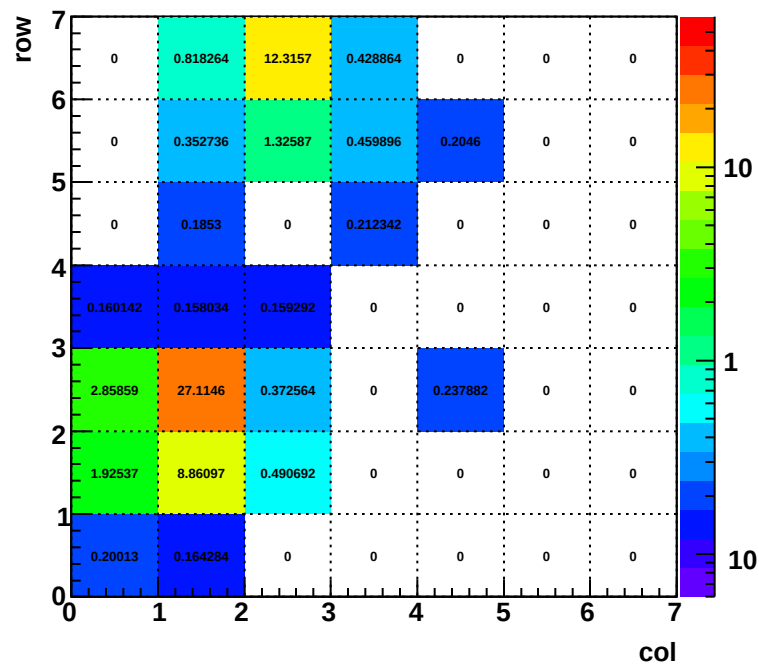
Running Yellow Spin Accumulation



North FPD



South FPD



162) Rnum=7124013 EventN=304820 (0 Yd-S[+])

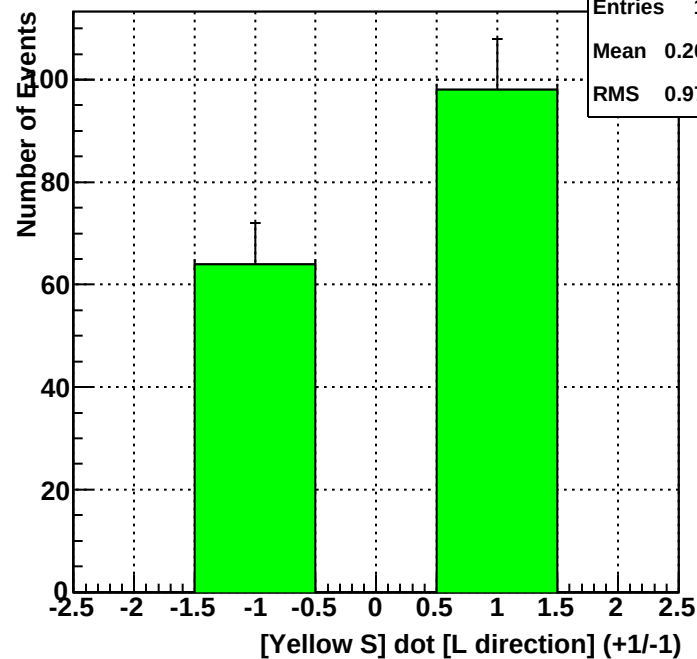
(1) Energy=57.436176 Y=-3.743484 Phi=-3.086718

(2) Energy=10.289599 Y=-3.370133 Phi=3.092699

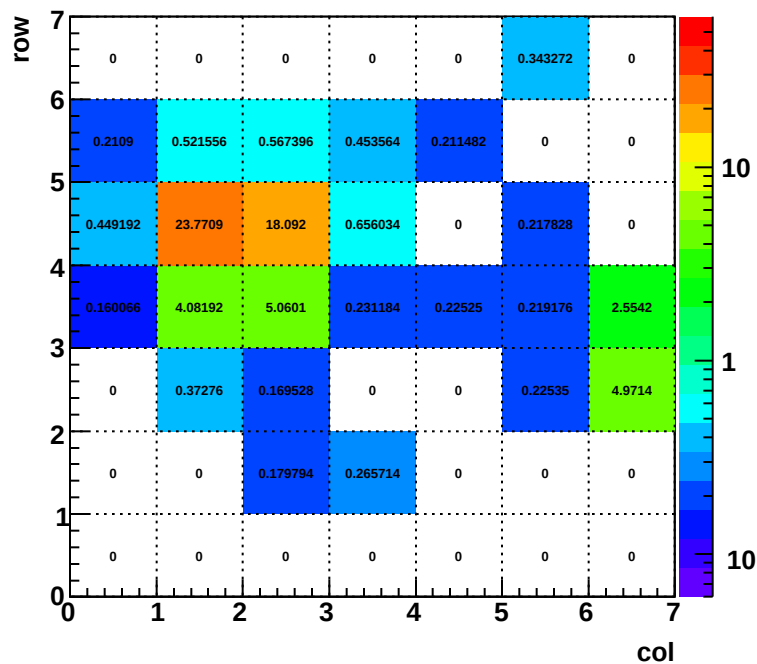
M12=0.540 Y12=-3.678 Phi12=-3.108 E12=67.726

SumN(-) = 64 SumN(+) = 98 AN/6=0.350

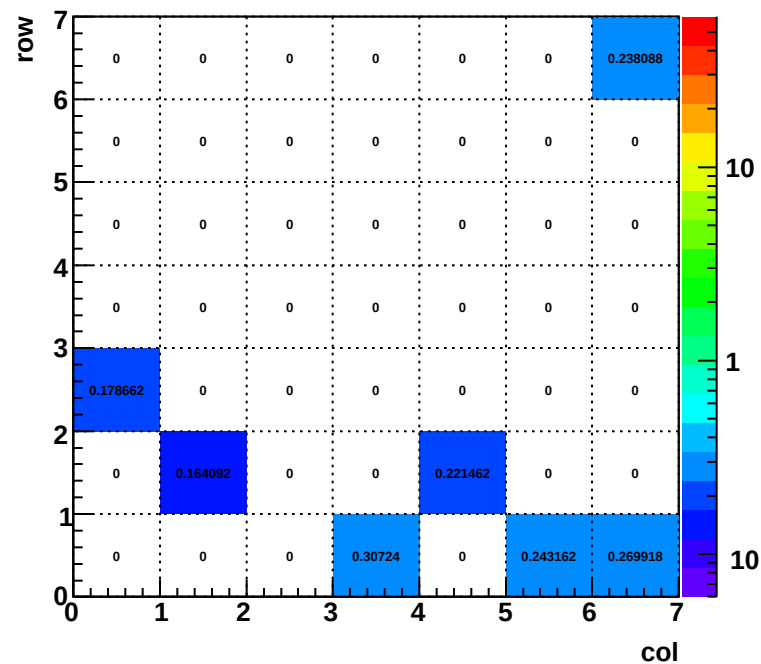
Running Yellow Spin Accumulation



North FPD



South FPD



163) Rnum=7124013 EventN=1303301 (1 Yu-S[-])

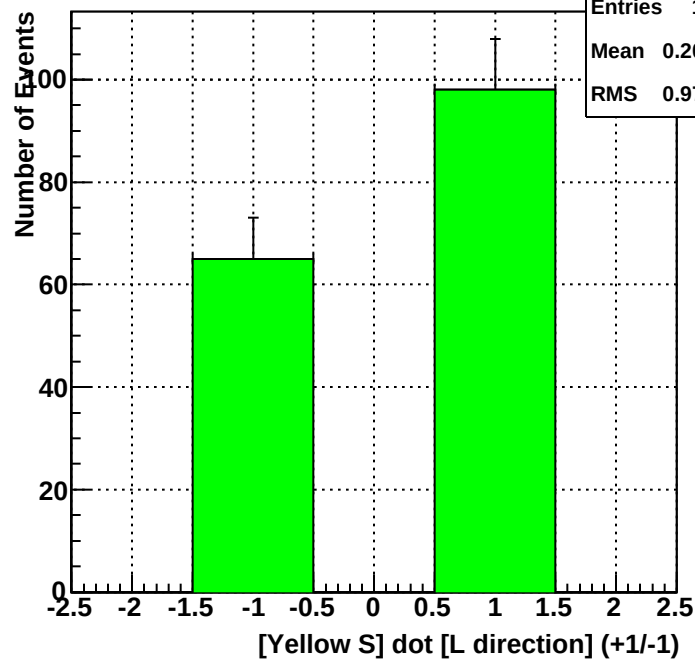
(1) Energy=43.291851 Y=-3.771022 Phi=-3.121866

(2) Energy=17.564554 Y=-3.433397 Phi=3.114597

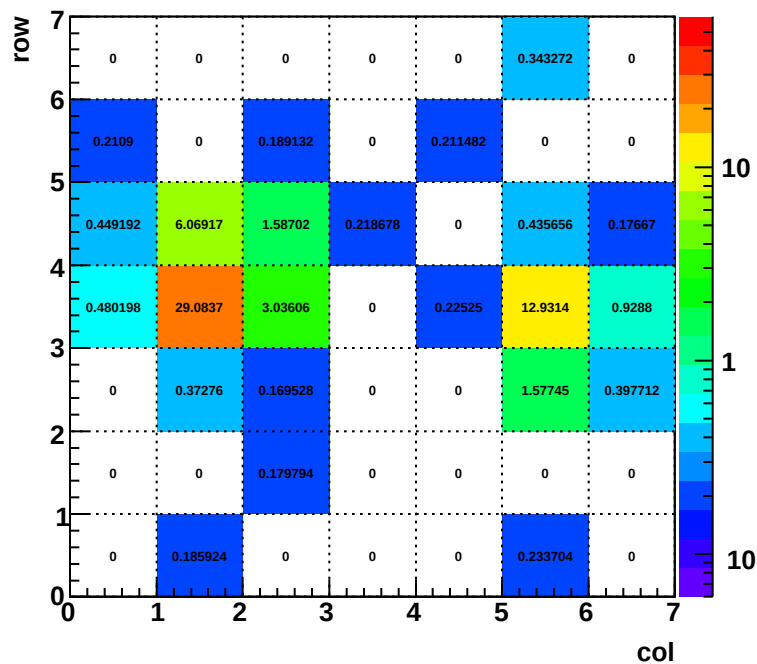
M12=0.514 Y12=-3.662 Phi12=-3.139 E12=60.856

SumN(-) = 65 SumN(+) = 98 AN/.6=0.337

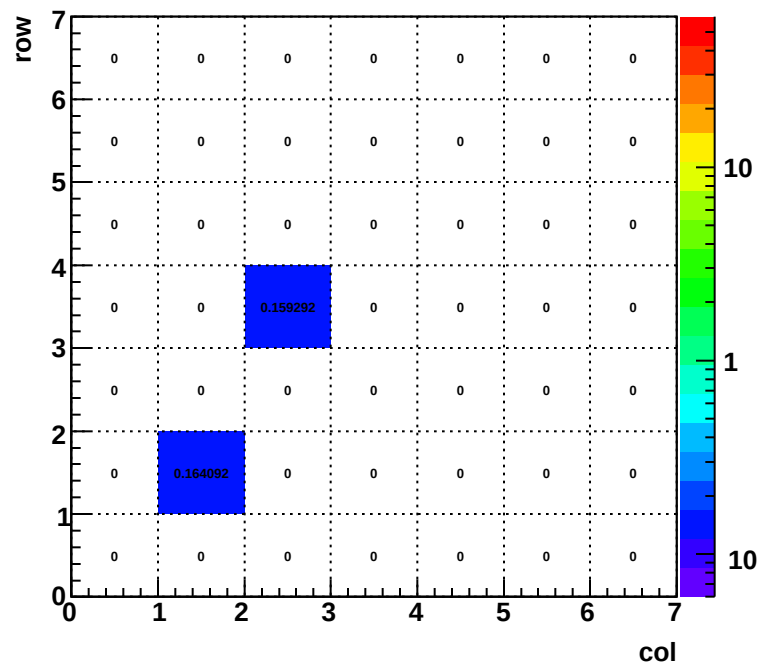
Running Yellow Spin Accumulation



North FPD



South FPD



164) Rnum=7124013 EventN=1607543 (2 Yd-S[+])

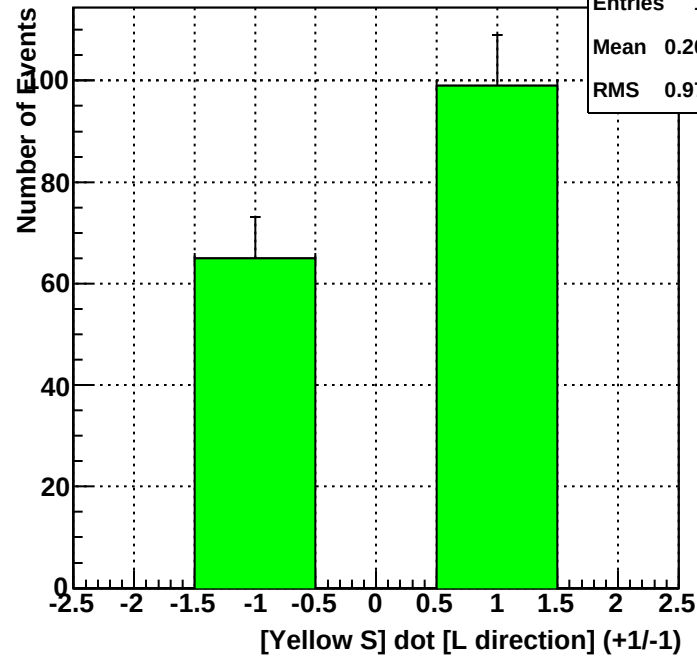
(1) Energy=50.361732 Y=-3.774095 Phi=3.029154

(2) Energy=14.964889 Y=-3.369563 Phi=3.062538

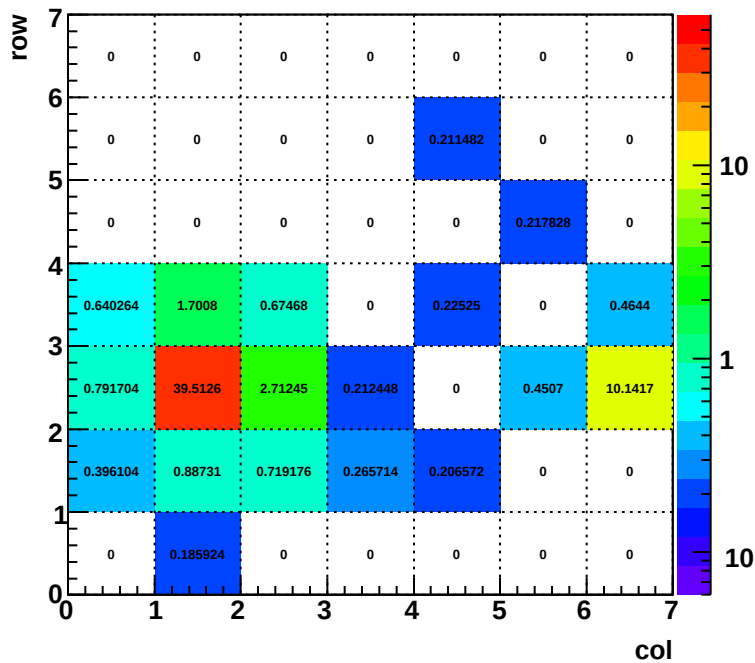
M12=0.630 Y12=-3.666 Phi12=3.039 E12=65.327

SumN(-) = 65 SumN(+)= 99 AN/.6=0.346

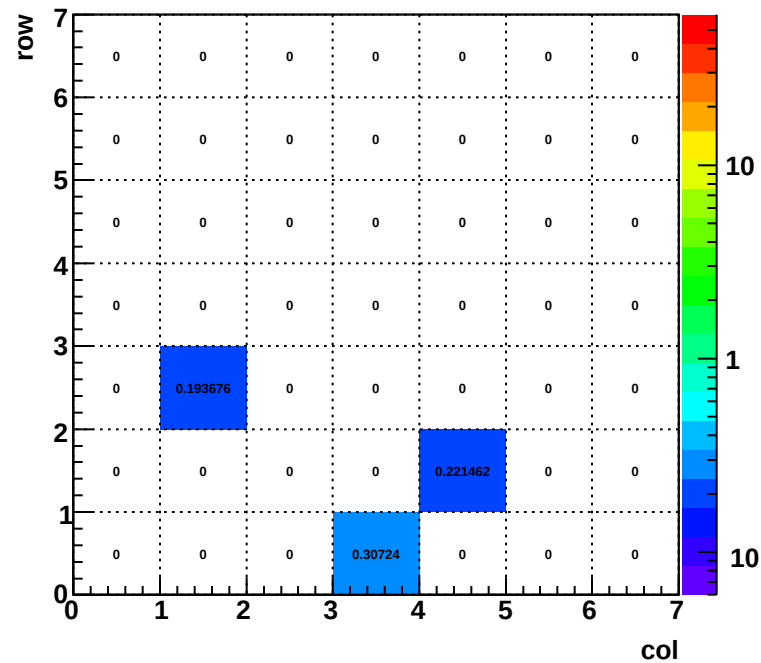
Running Yellow Spin Accumulation



North FPD



South FPD



165) Rnum=7124016 EventN=708471 (2 Yd-S[+])

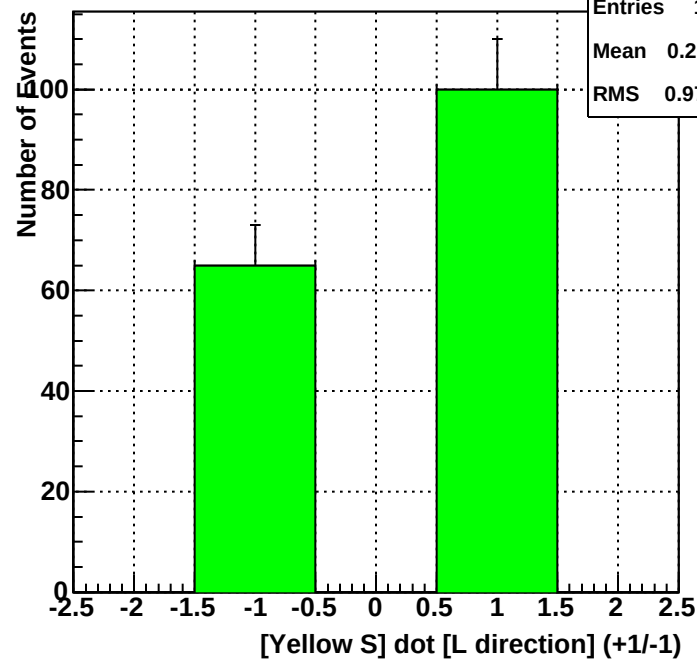
(1) Energy=31.960007 Y=-3.774459 Phi=3.049833

(2) Energy=28.880192 Y=-3.418367 Phi=3.004988

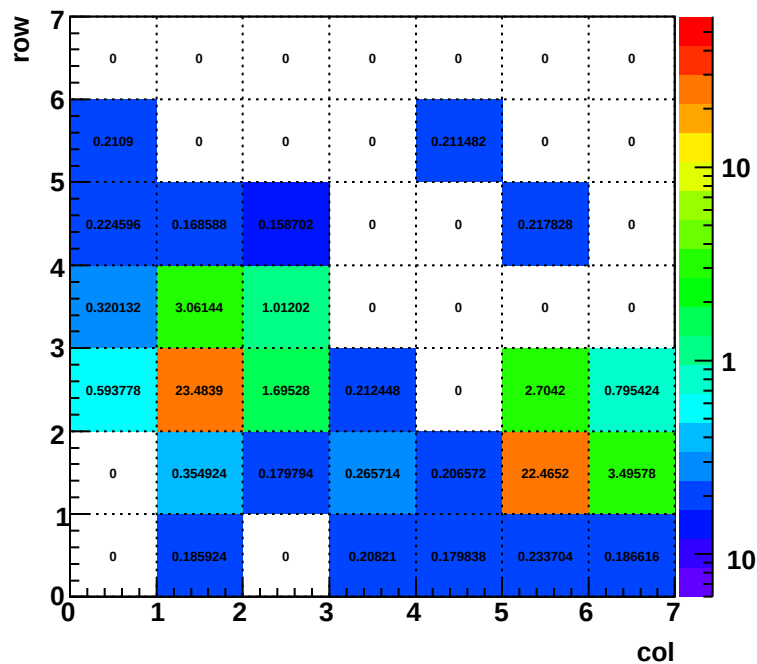
M12=0.601 Y12=-3.590 Phi12=3.025 E12=60.840

SumN(-) = 65 SumN(+)= 100 AN/6=0.354

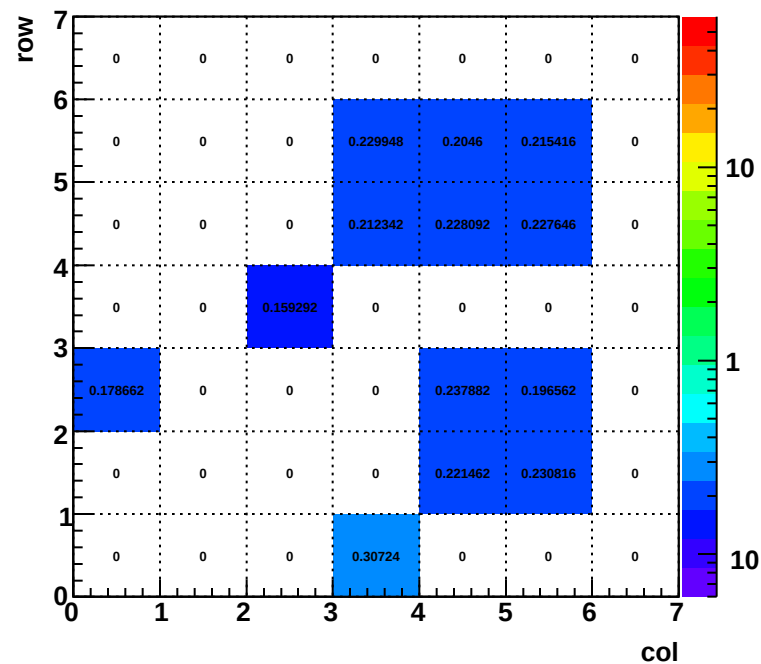
Running Yellow Spin Accumulation



North FPD



South FPD



166) Rnum=7124018 EventN=4502515 (3 Yu-N[+])

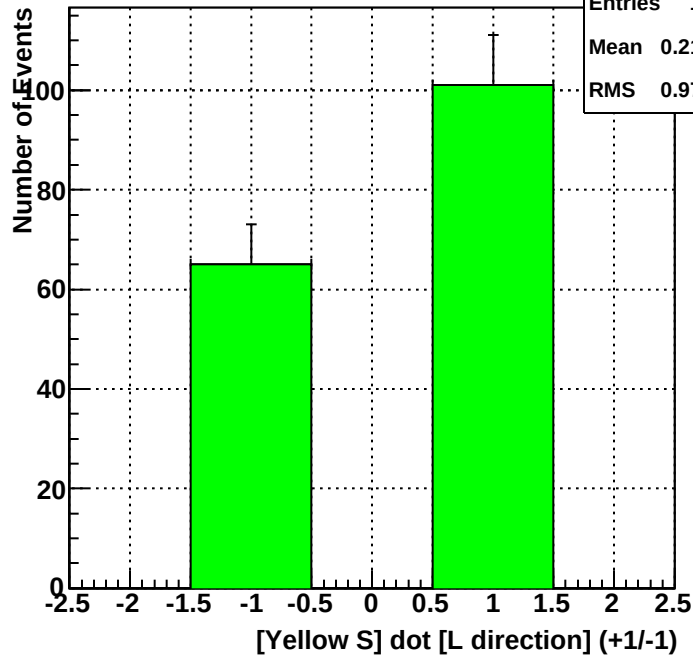
(1) Energy=42.791504 Y=-3.686413 Phi=-0.189001

(2) Energy=19.552479 Y=-3.796914 Phi=0.229142

M12=0.589 Y12=-3.738 Phi12=-0.069 E12=62.344

SumN(-) = 65 SumN(+)= 101 AN/6=0.361

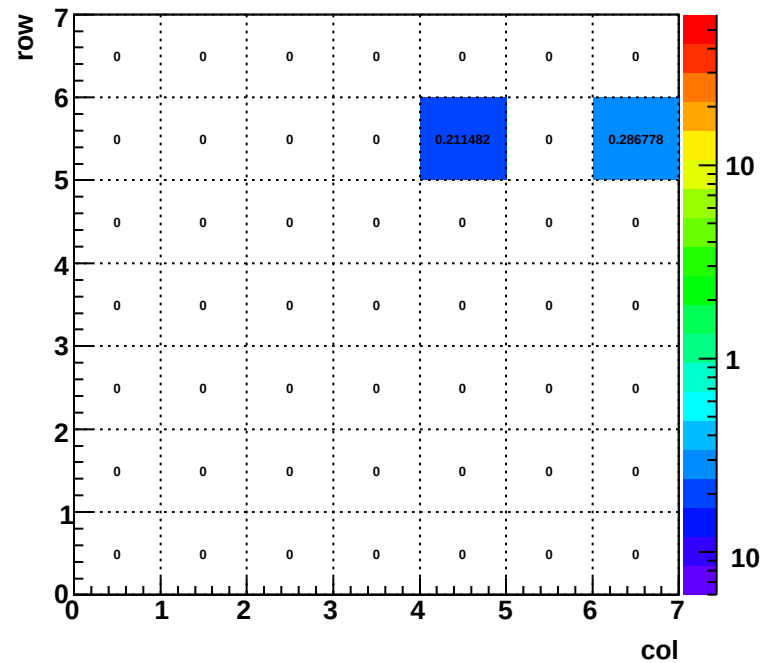
Running Yellow Spin Accumulation



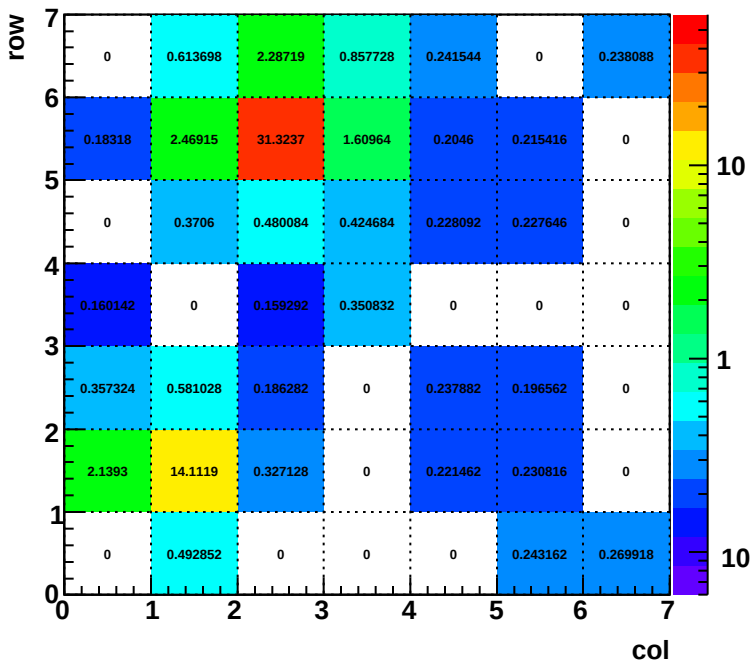
spcntH

Entries	Mean	RMS
166	0.2169	0.9762

North FPD



South FPD



167) Rnum=7124018 EventN=4602186 (3 Yu-S[-])

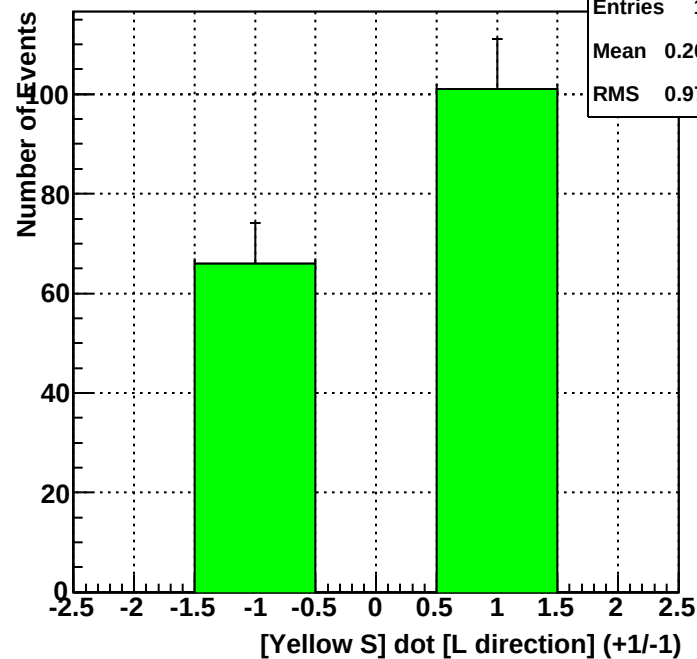
(1) Energy=45.913361 Y=-3.600515 Phi=3.096413

(2) Energy=18.221294 Y=-3.399571 Phi=-2.971681

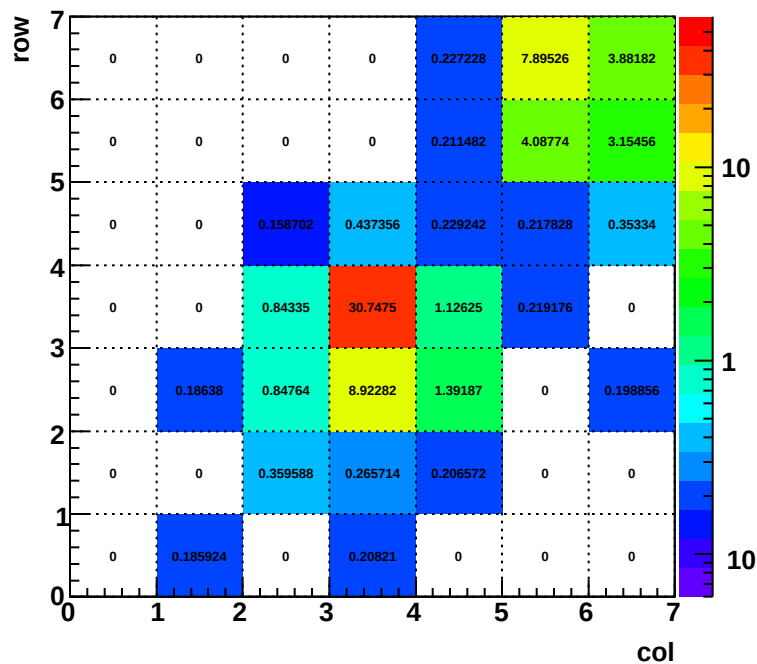
M12=0.514 Y12=-3.544 Phi12=-3.117 E12=64.135

SumN(-) = 66 SumN(+)= 101 AN/6=0.349

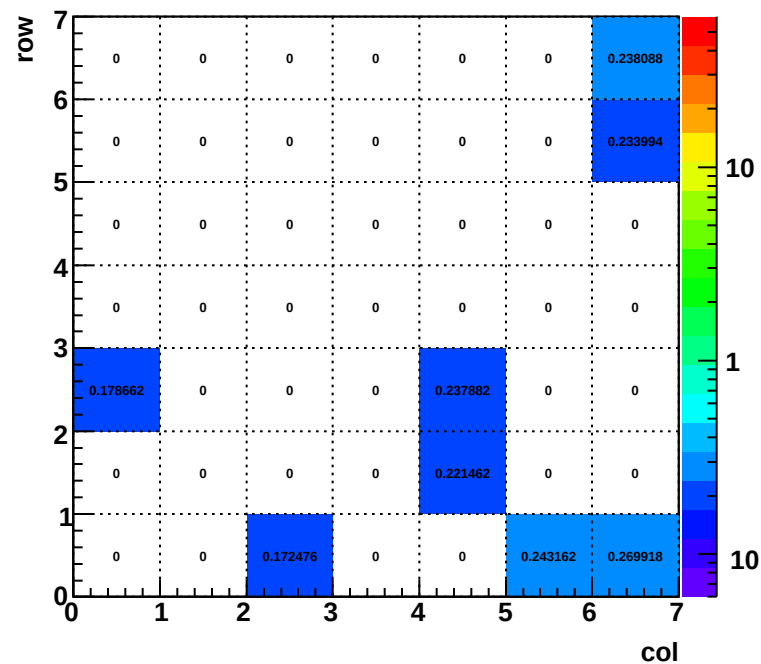
Running Yellow Spin Accumulation



North FPD



South FPD



168) Rnum=7124021 EventN=3608599 (0 Yd-S[+])

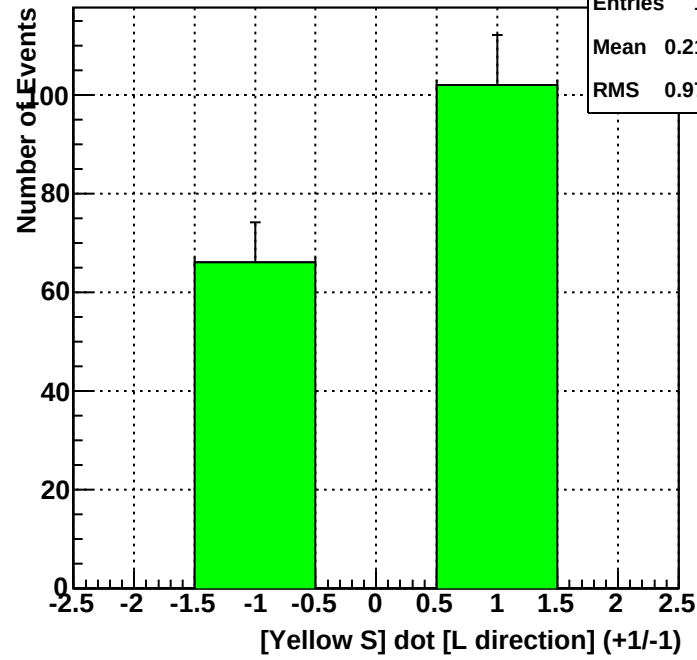
(1) Energy=36.223904 Y=-3.874519 Phi=2.967323

(2) Energy=26.351383 Y=-3.605162 Phi=-3.063136

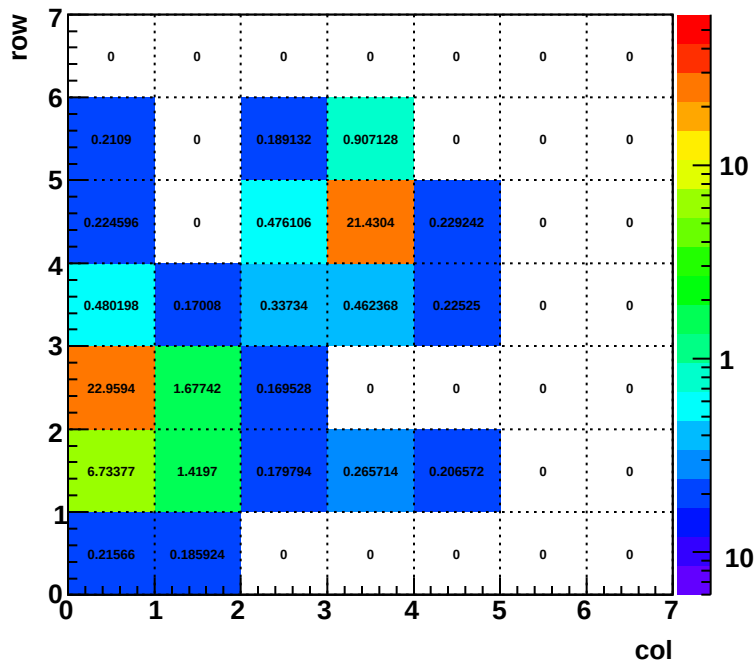
M12=0.542 Y12=-3.760 Phi12=3.091 E12=62.575

SumN(-) = 66 SumN(+)= 102 ANI.6=0.357

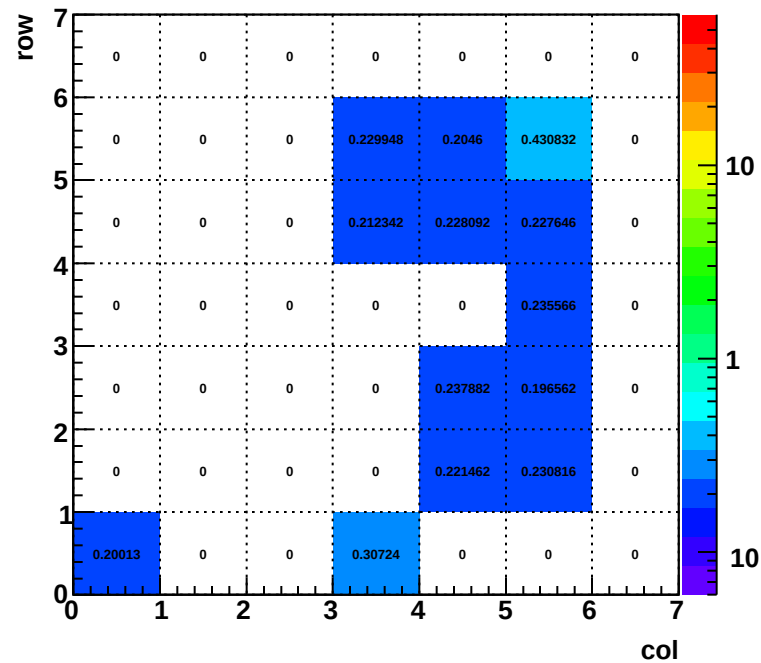
Running Yellow Spin Accumulation



North FPD



South FPD



169) Rnum=7124021 EventN=4100982 (3 Yu-S[-])

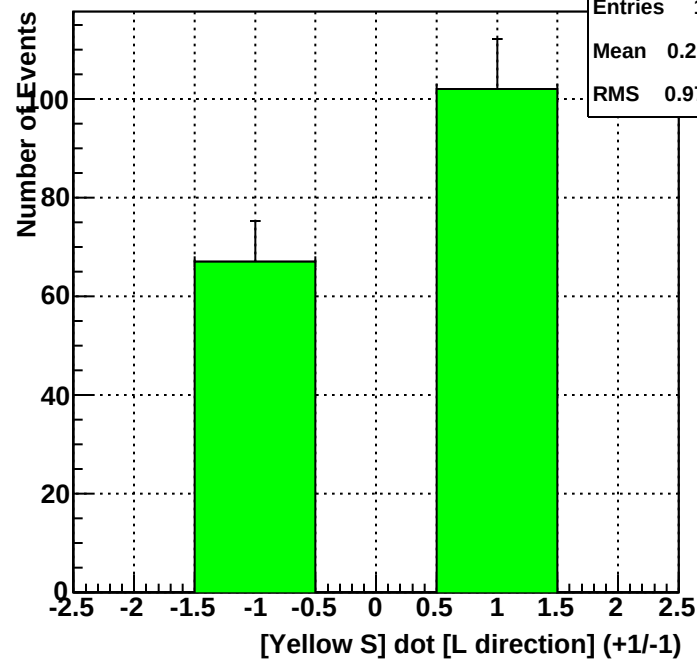
(1) Energy=37.034267 Y=-3.879213 Phi=3.140972

(2) Energy=23.537663 Y=-3.540491 Phi=3.073975

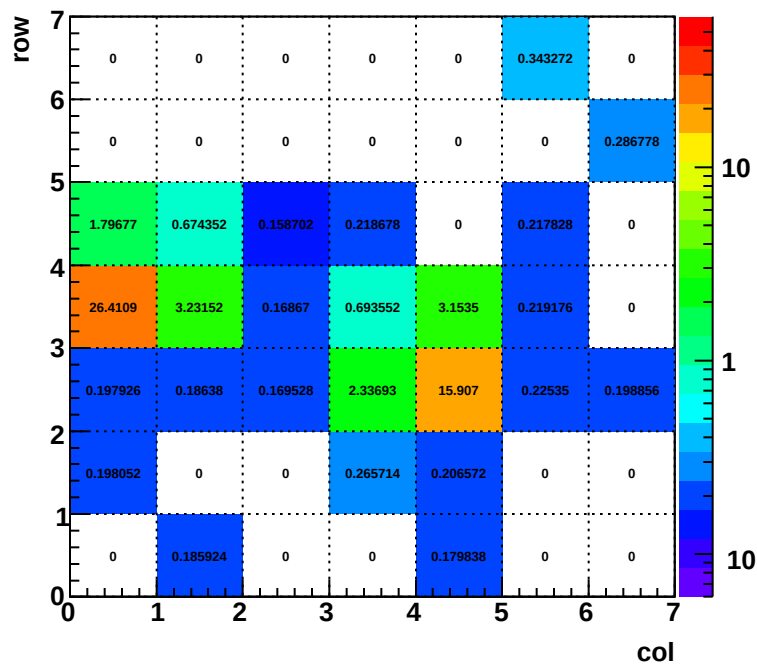
M12=0.501 Y12=-3.734 Phi12=3.109 E12=60.572

SumN(-) = 67 SumN(+)= 102 AN/6=0.345

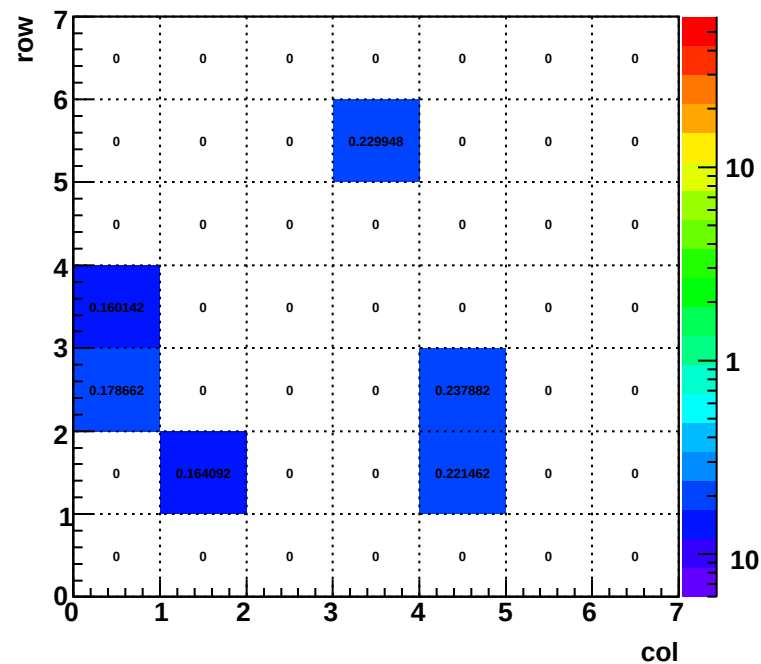
Running Yellow Spin Accumulation



North FPD



South FPD



170) Rnum=7124021 EventN=2400715 (3 Yu-N[+])

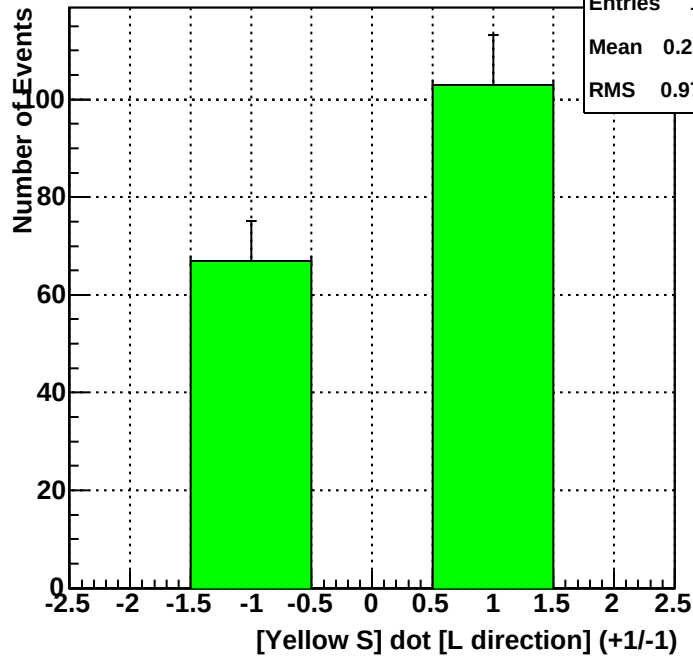
(1) Energy=46.540356 Y=-3.930776 Phi=-0.036134

(2) Energy=16.695843 Y=-3.484868 Phi=-0.031222

M12=0.614 Y12=-3.792 Phi12=-0.034 E12=63.236

SumN(-) = 67 SumN(+)= 103 AN/6=0.353

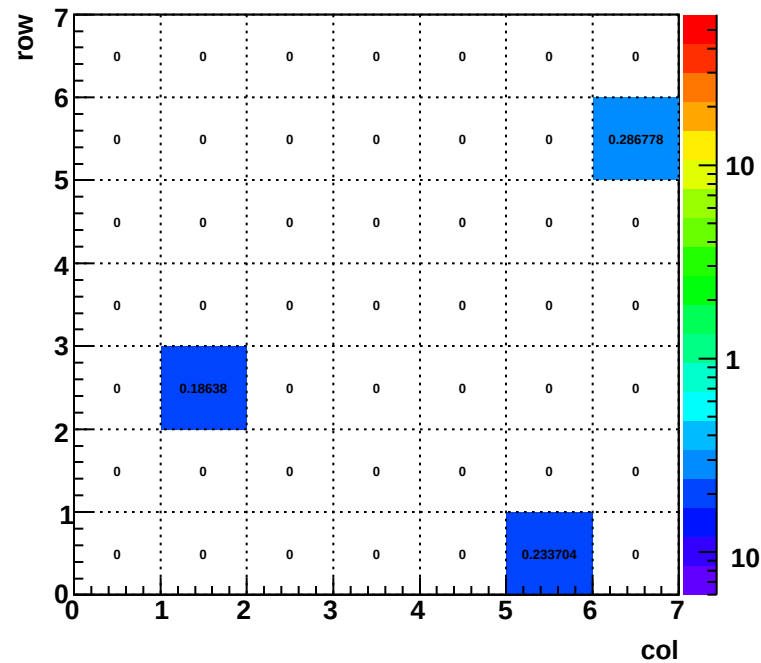
Running Yellow Spin Accumulation



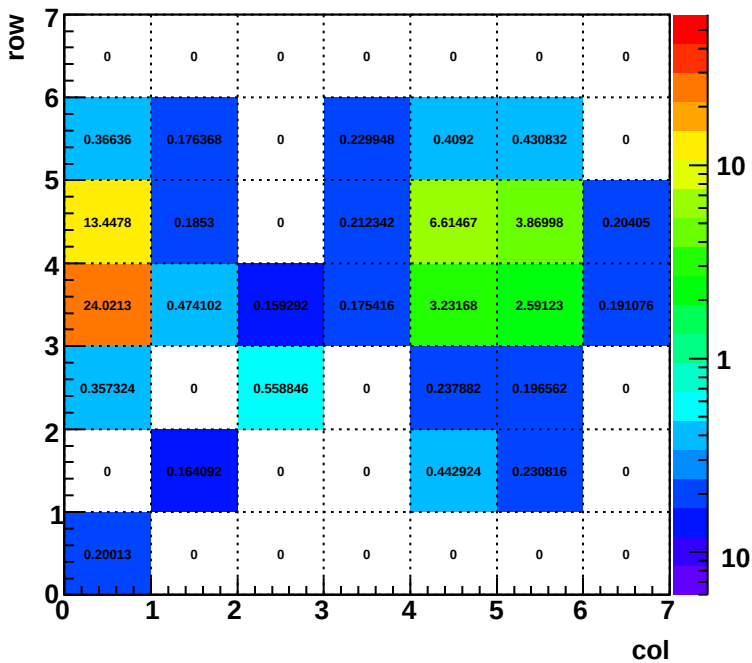
spcntH

Entries 170
Mean 0.2118
RMS 0.9773

North FPD



South FPD



171) Rnum=7124027 EventN=401491 (3 Yu-N[+])

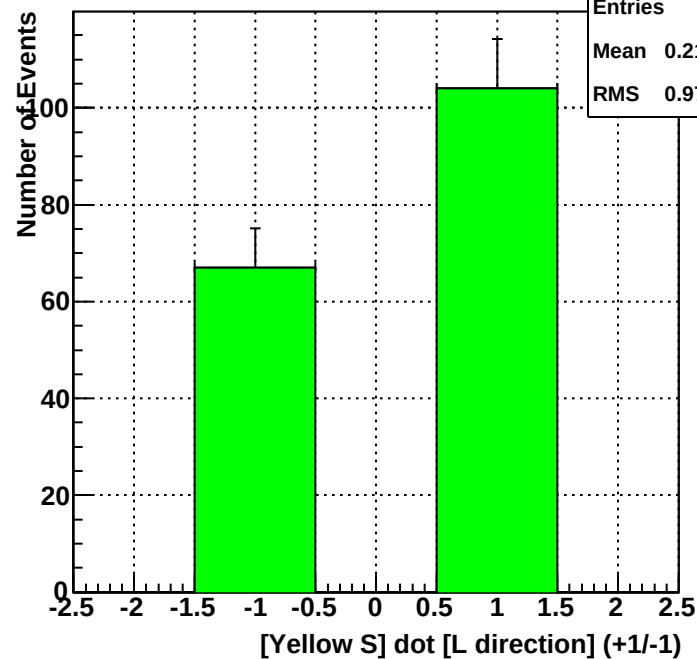
(1) Energy=52.738697 Y=-3.703343 Phi=0.170462

(2) Energy=15.165491 Y=-3.827639 Phi=-0.204687

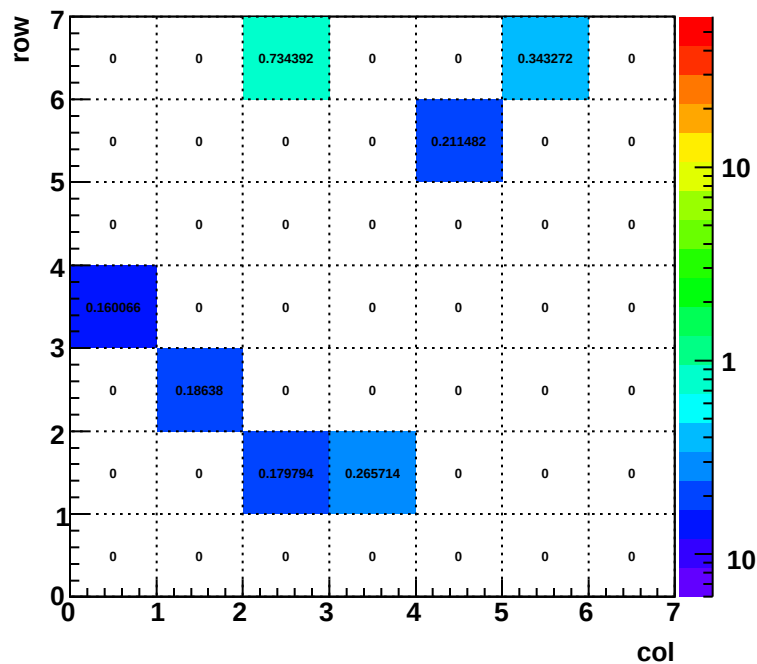
M12=0.514 Y12=-3.741 Phi12=0.095 E12=67.904

SumN(-) = 67 SumN(+)= 104 AN/6=0.361

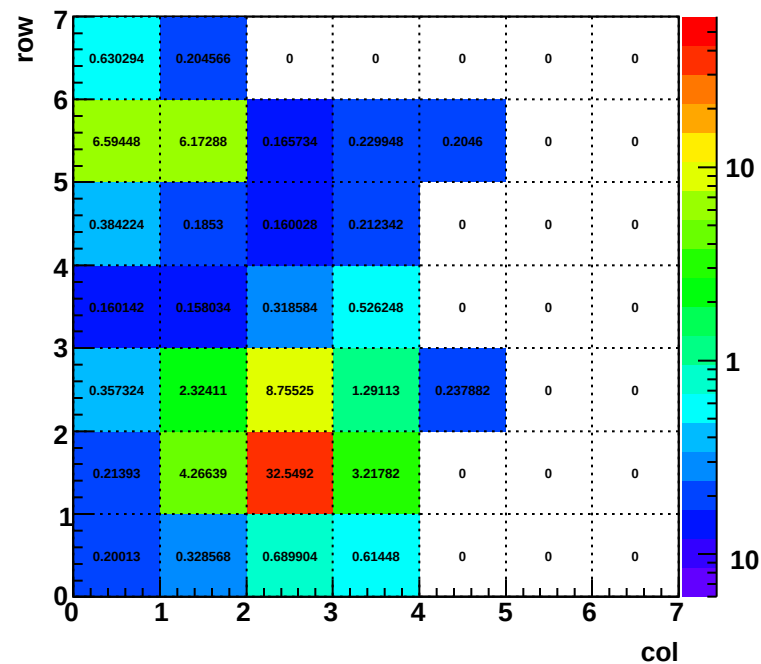
Running Yellow Spin Accumulation



North FPD



South FPD



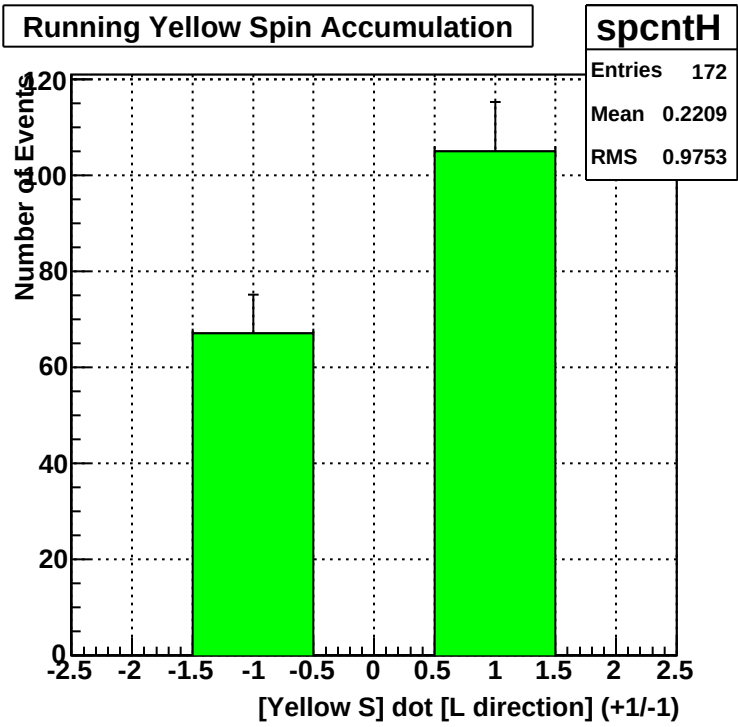
172) Rnum=7124031 EventN=3406613 (1 Yu-N[+])

(1) Energy=44.710049 Y=-3.871564 Phi=-0.058854

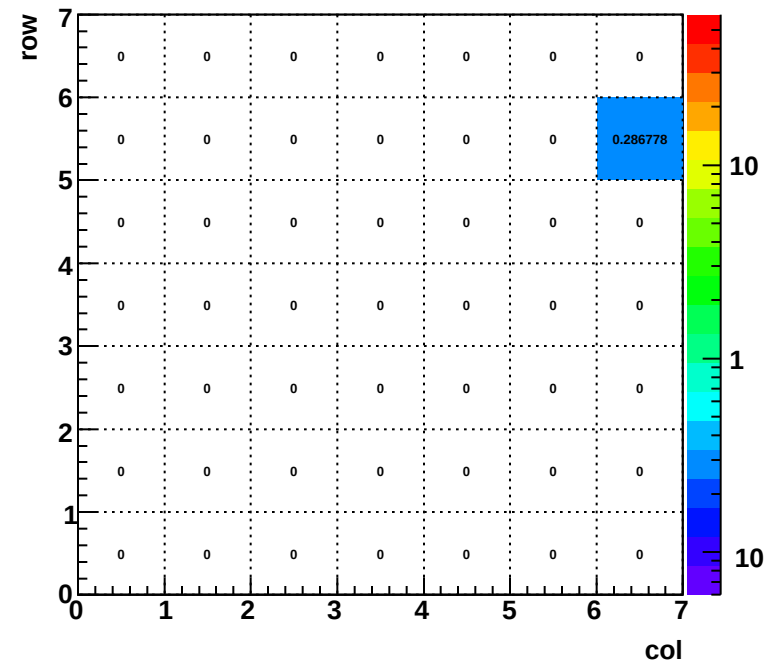
(2) Energy=19.170975 Y=-3.486202 Phi=0.092682

M12=0.615 Y12=-3.742 Phi12=-0.000 E12=63.881

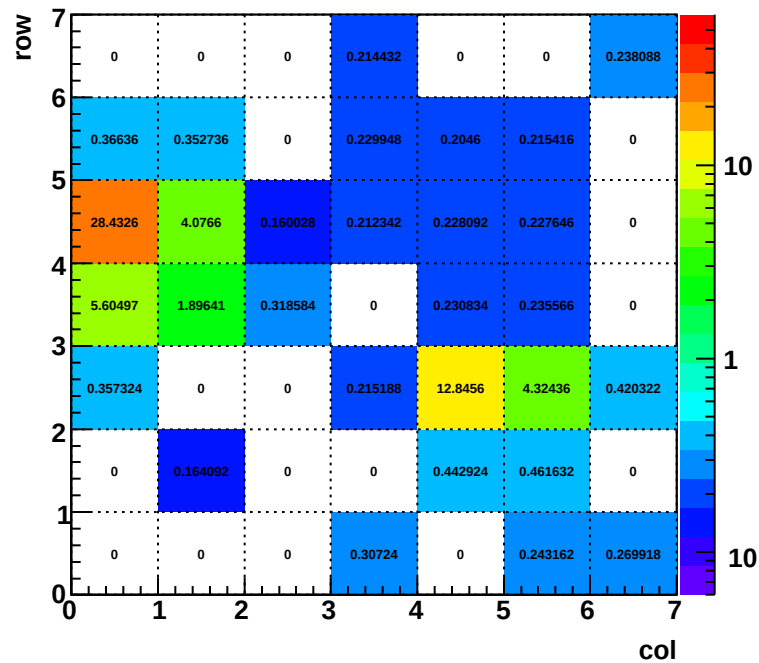
SumN(-) = 67 SumN(+)= 105 AN/6=0.368



North FPD



South FPD



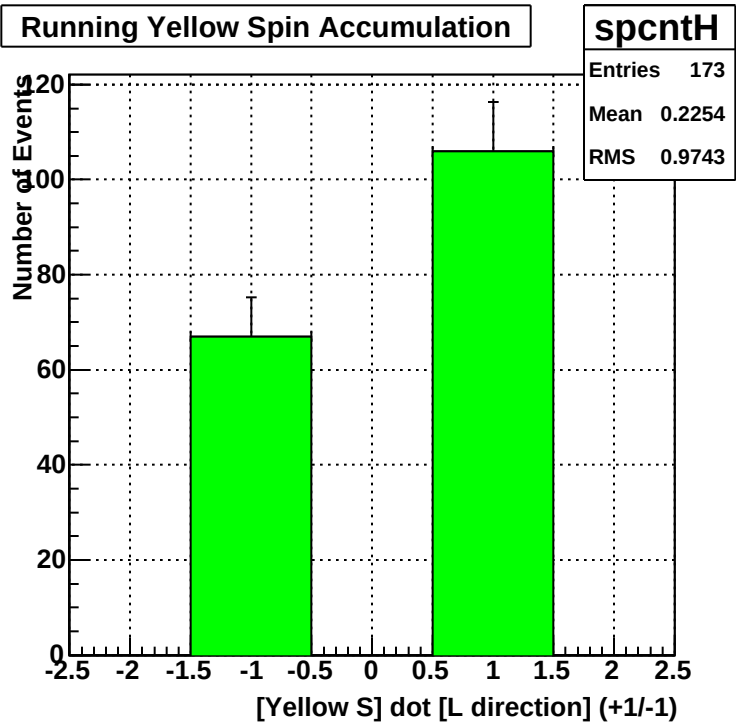
173) Rnum=7124034 EventN=3206851 (3 Yu-N[+])

(1) Energy=51.894165 Y=-3.728215 Phi=-0.176543

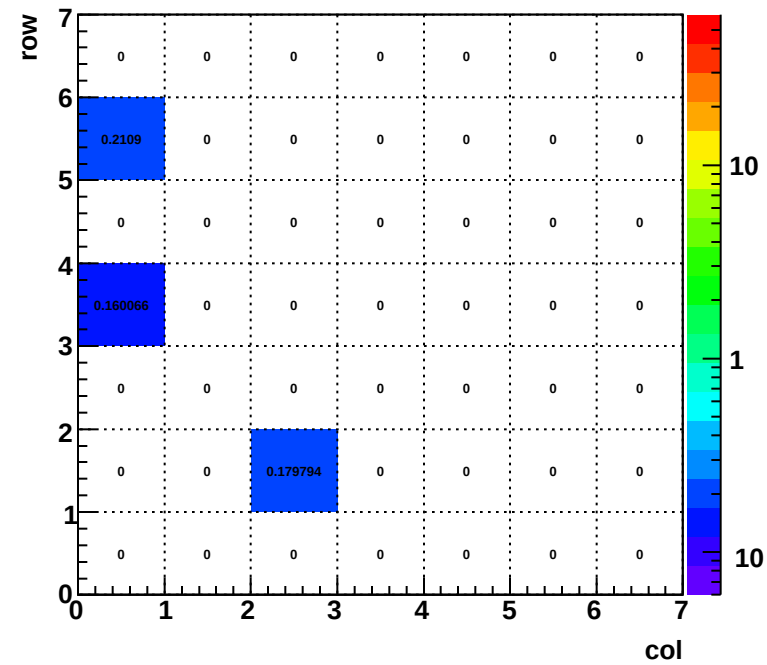
(2) Energy=15.580465 Y=-3.561317 Phi=0.181771

M12=0.584 Y12=-3.700 Phi12=-0.083 E12=67.475

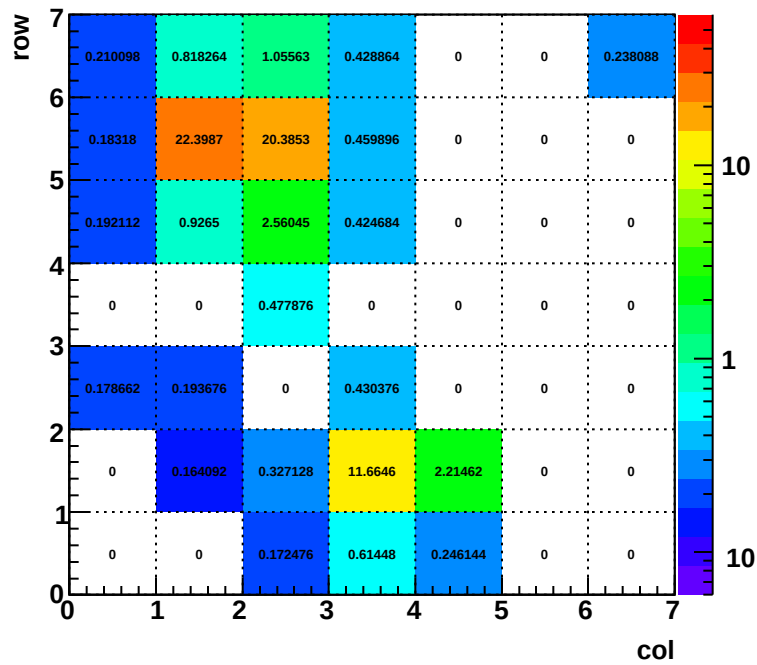
SumN(-) = 67 SumN(+)= 106 ANI.6=0.376



North FPD



South FPD



174) Rnum=7124034 EventN=600710 (0 Yd-N[-])

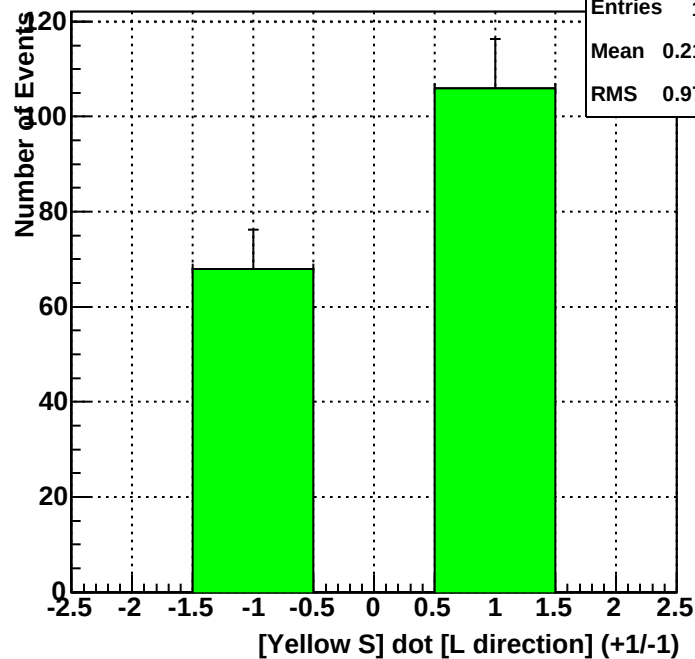
(1) Energy=31.293844 Y=-3.510010 Phi=0.111233

(2) Energy=34.218391 Y=-3.799999 Phi=-0.043449

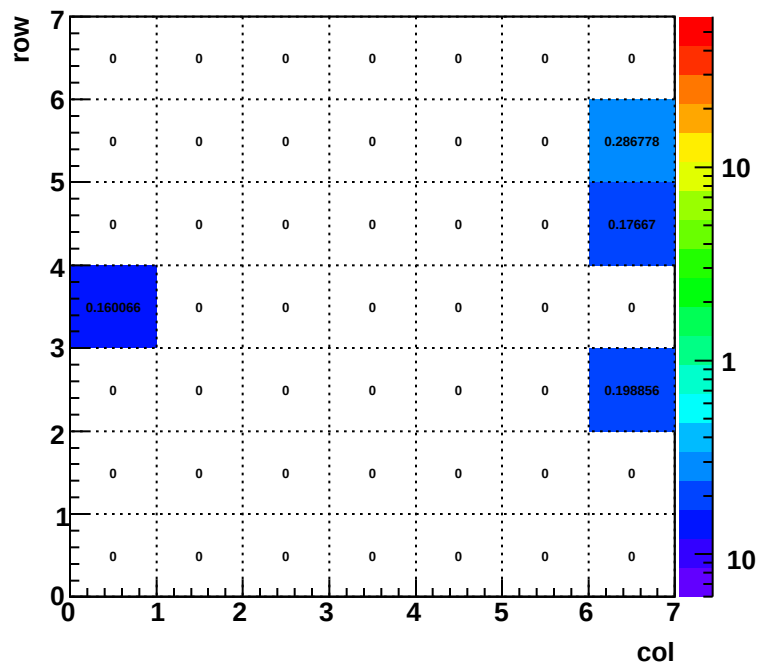
M12=0.557 Y12=-3.654 Phi12=0.042 E12=65.512

SumN(-) = 68 SumN(+)= 106 AN/6=0.364

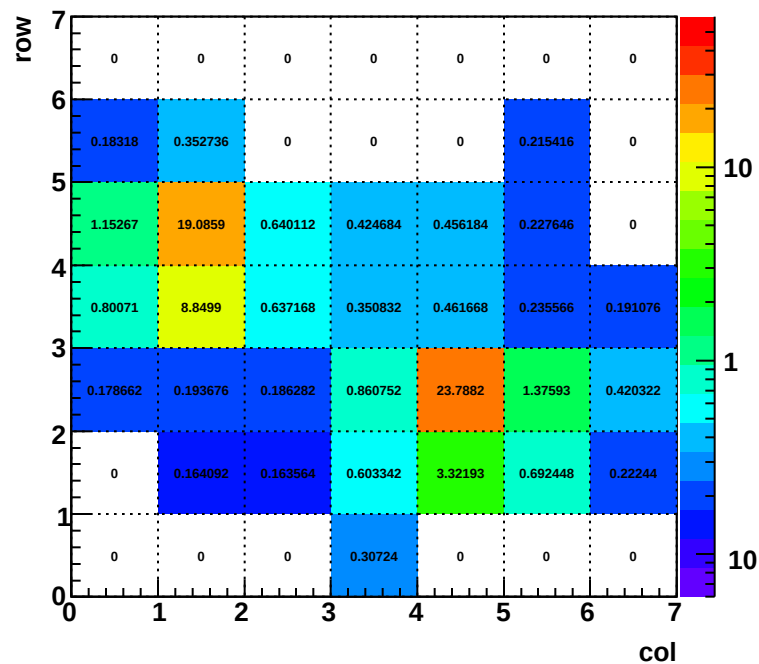
Running Yellow Spin Accumulation



North FPD



South FPD



175) Rnum=7124060 EventN=303586 (2 Yd-S[+])

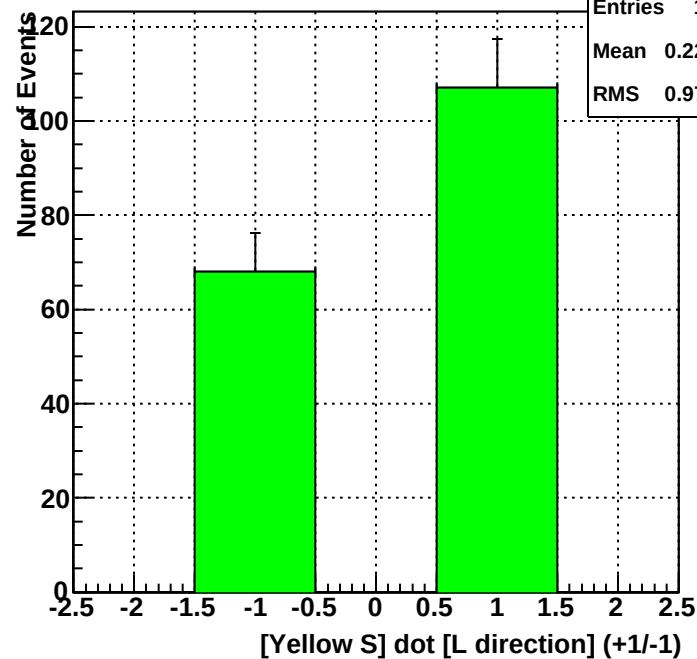
(1) Energy=36.176193 Y=-3.855030 Phi=-3.058754

(2) Energy=24.864050 Y=-3.630973 Phi=2.960329

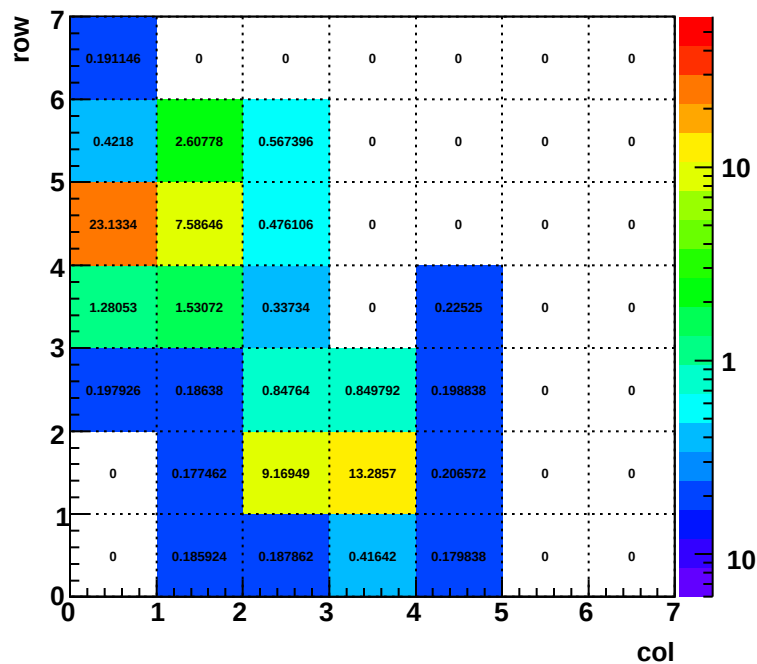
M12=0.491 Y12=-3.766 Phi12=3.102 E12=61.040

SumN(-) = 68 SumN(+)= 107 AN/6=0.371

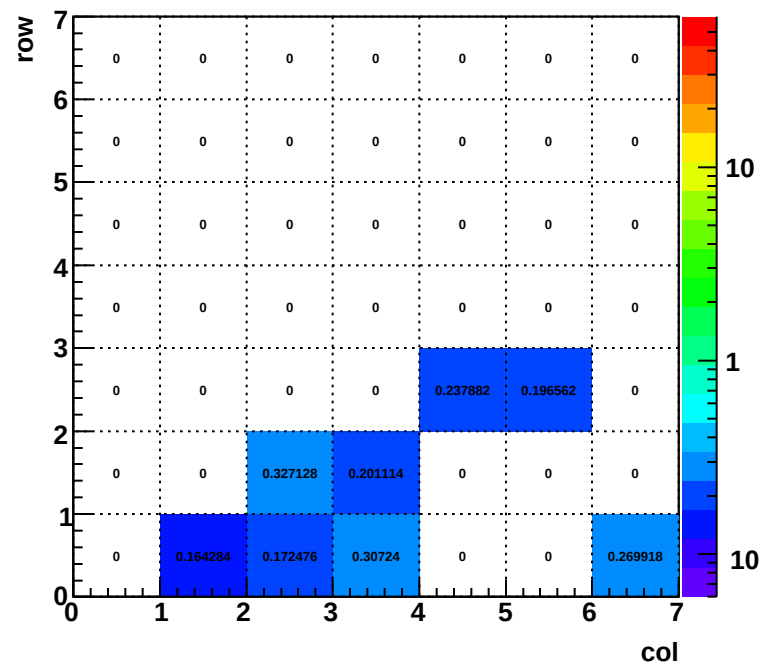
Running Yellow Spin Accumulation



North FPD



South FPD



176) Rnum=7124126 EventN=808195 (2 Yd-S[+])

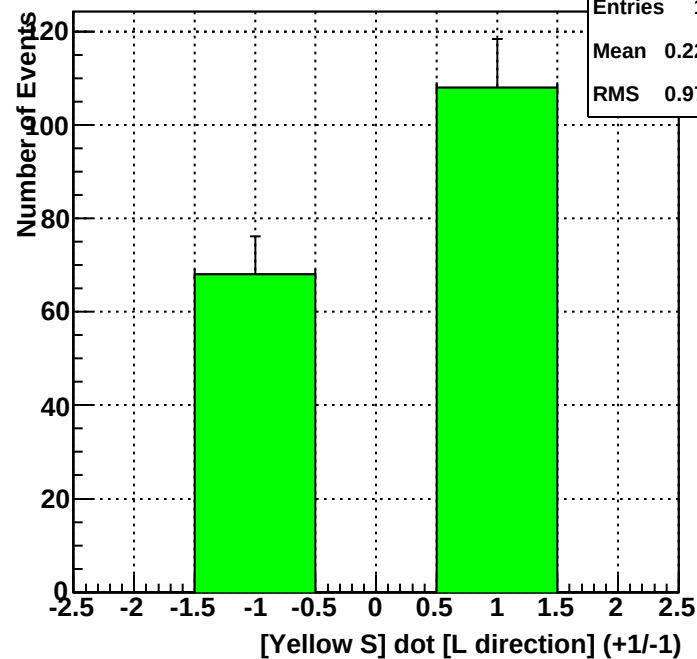
(1) Energy=36.452194 Y=-3.584296 Phi=-3.138221

(2) Energy=27.464649 Y=-3.910362 Phi=2.980758

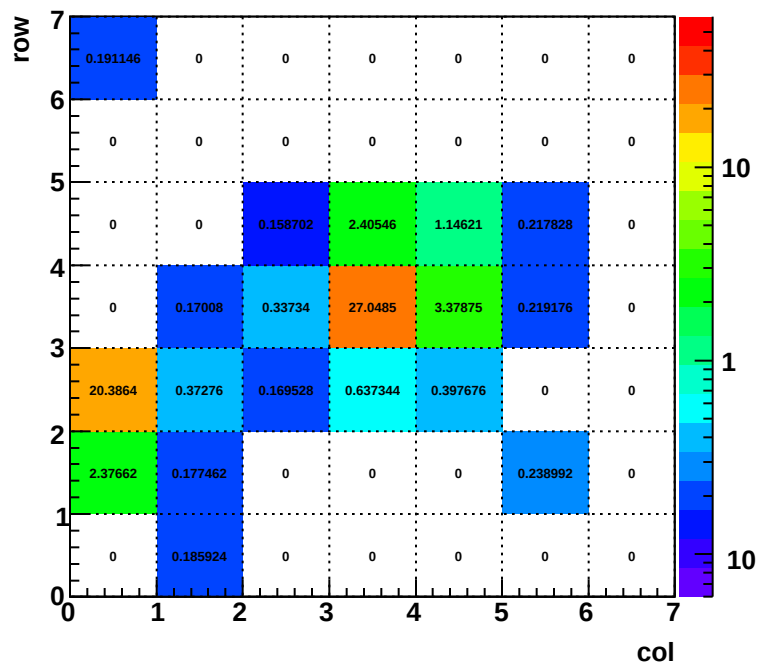
M12=0.546 Y12=-3.715 Phi12=3.087 E12=63.917

SumN(-) = 68 SumN(+)= 108 AN/6=0.379

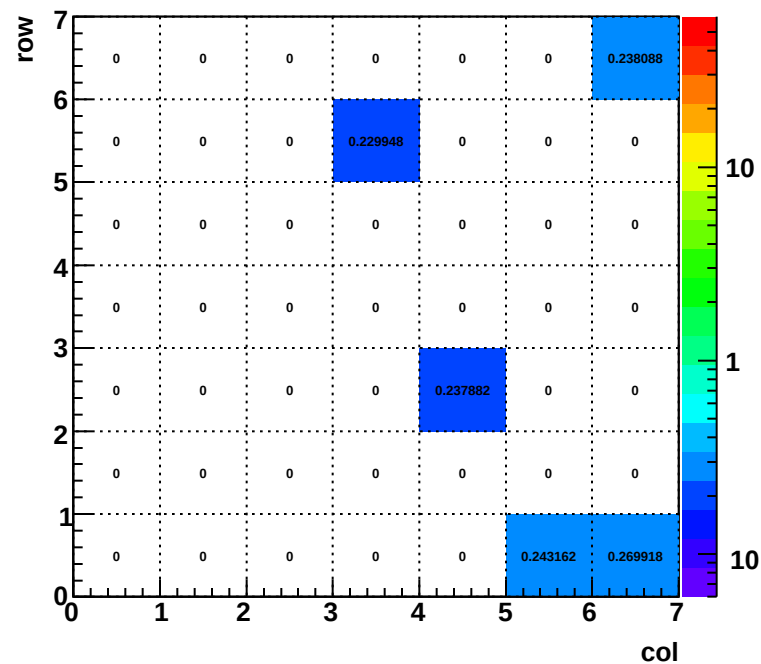
Running Yellow Spin Accumulation



North FPD



South FPD



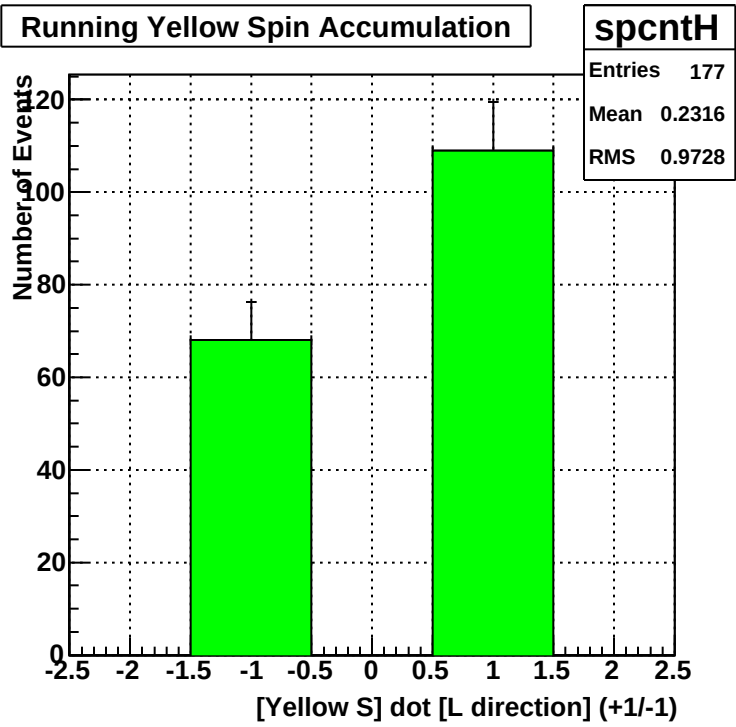
177) Rnum=7125003 EventN=3500130 (1 Yu-N[+])

(1) Energy=39.744331 Y=-3.512240 Phi=0.125562

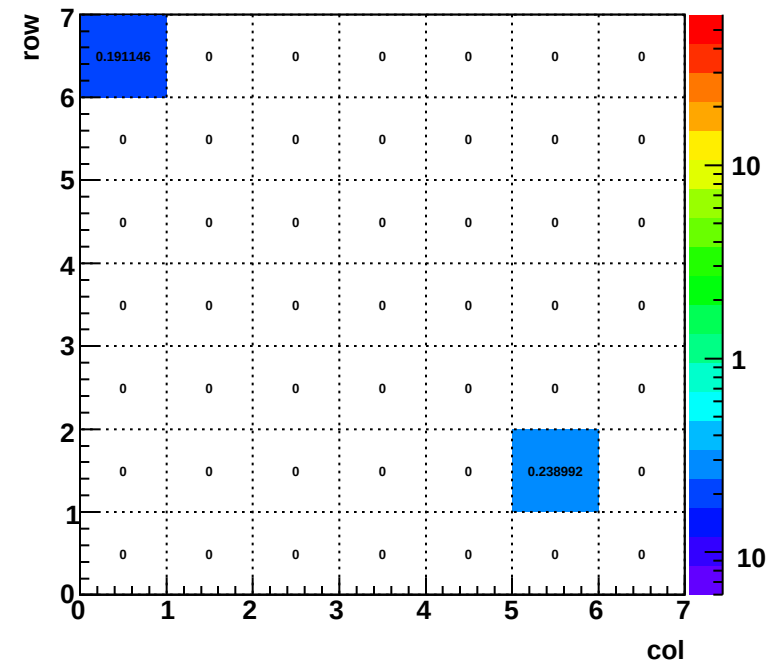
(2) Energy=20.380976 Y=-3.670889 Phi=-0.236037

M12=0.616 Y12=-3.577 Phi12=0.016 E12=60.125

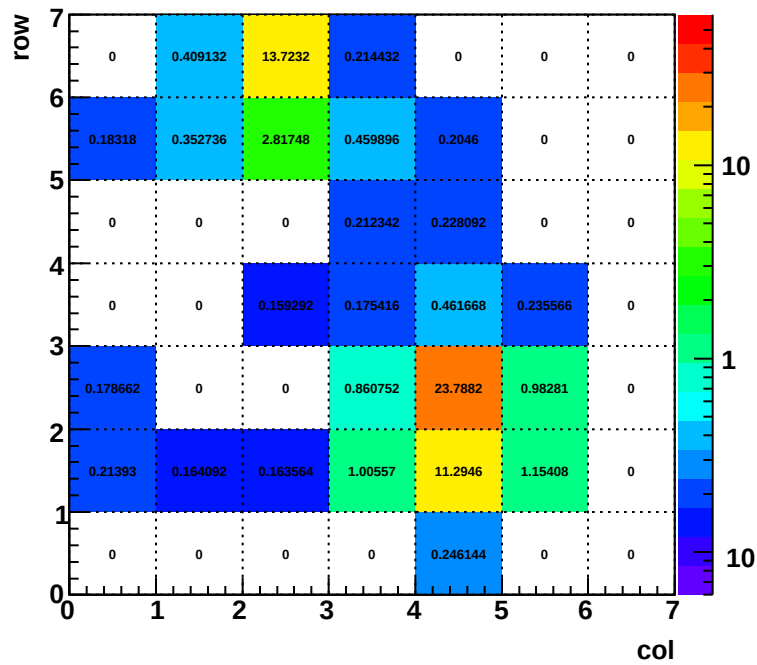
SumN(-) = 68 SumN(+)= 109 AN/6=0.386



North FPD



South FPD



178) Rnum=7125003 EventN=6204375 (2 Yd-S[+])

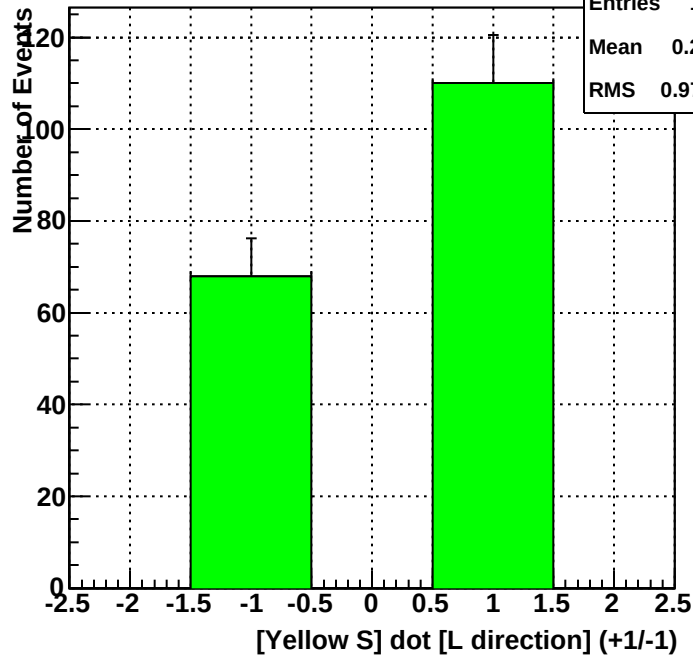
(1) Energy=52.158806 Y=-3.764751 Phi=-3.027081

(2) Energy=11.552658 Y=-3.437920 Phi=3.072263

M12=0.503 Y12=-3.700 Phi12=-3.070 E12=63.711

SumN(-) = 68 SumN(+)= 110 AN/6=0.393

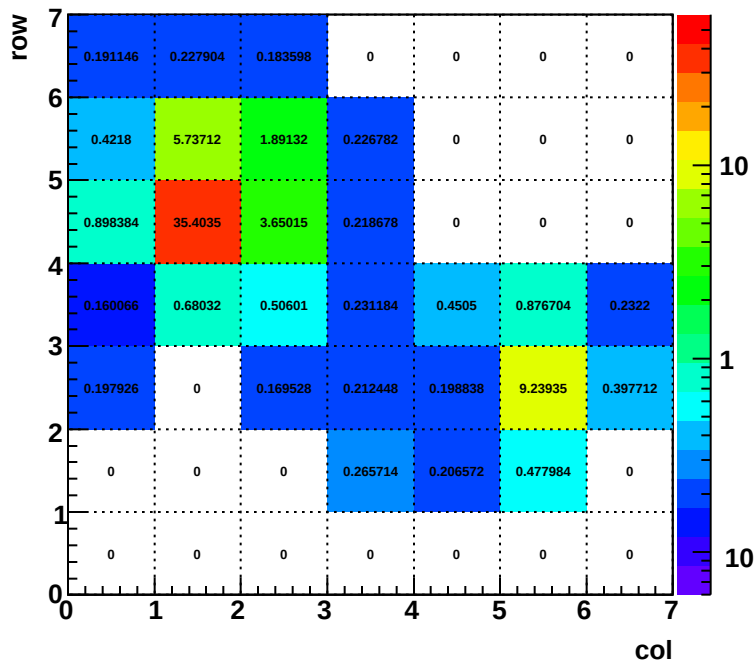
Running Yellow Spin Accumulation



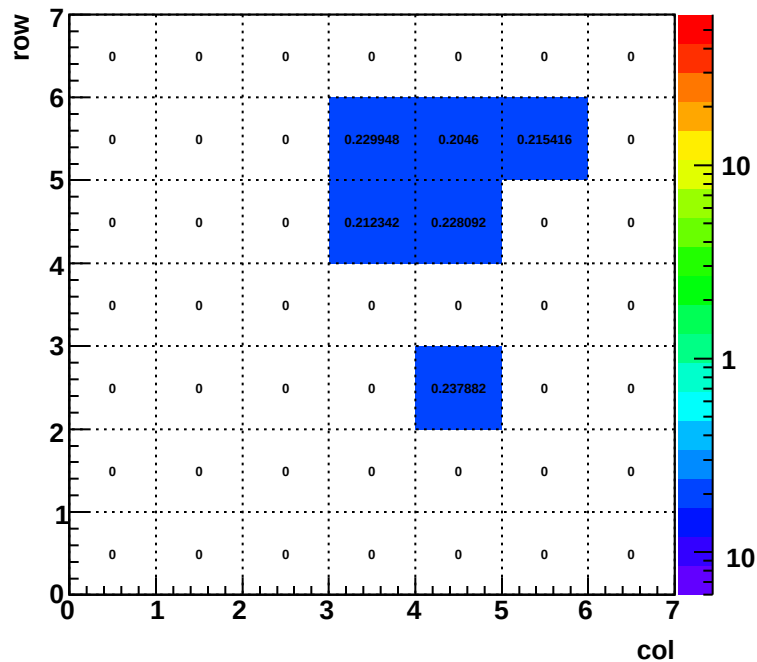
spcntH

Entries 178
Mean 0.236
RMS 0.9718

North FPD



South FPD



179) Rnum=7125014 EventN=4700861 (3 Yu-N[+])

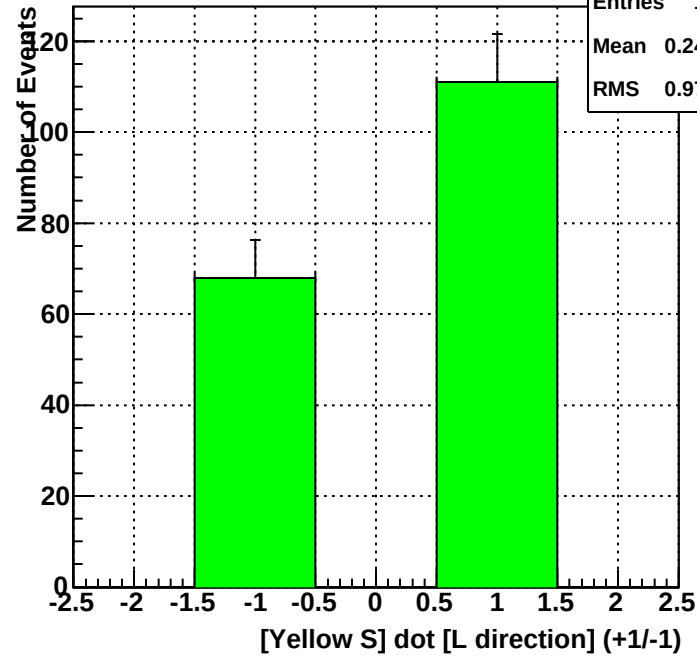
(1) Energy=42.220711 Y=-3.636175 Phi=0.128857

(2) Energy=19.315201 Y=-3.715257 Phi=-0.215816

M12=0.509 Y12=-3.673 Phi12=0.027 E12=61.536

SumN(-) = 68 SumN(+)= 111 AN/6=0.400

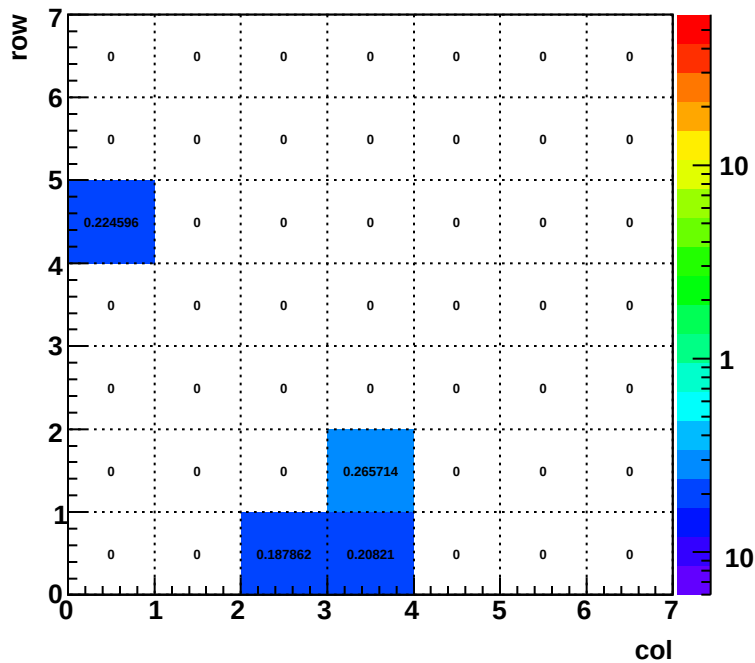
Running Yellow Spin Accumulation



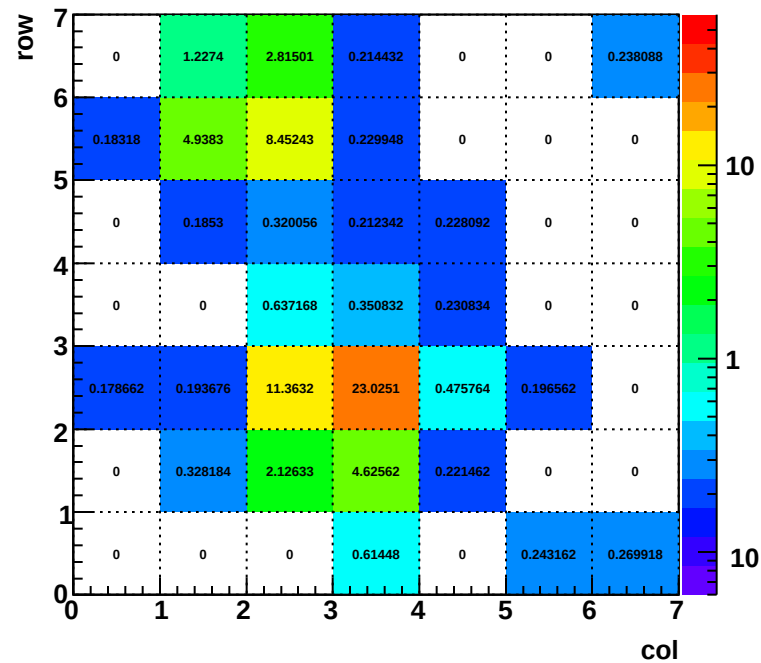
spcntH

Entries	179
Mean	0.2402
RMS	0.9707

North FPD



South FPD



180) Rnum=7125014 EventN=7206287 (0 Yd-N[-])

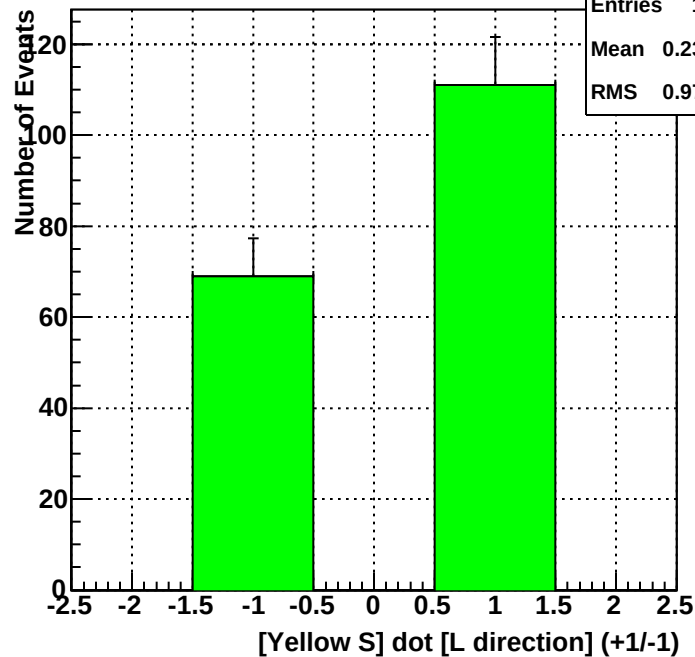
(1) Energy=35.117531 Y=-3.670306 Phi=0.223346

(2) Energy=24.972252 Y=-3.513279 Phi=-0.099116

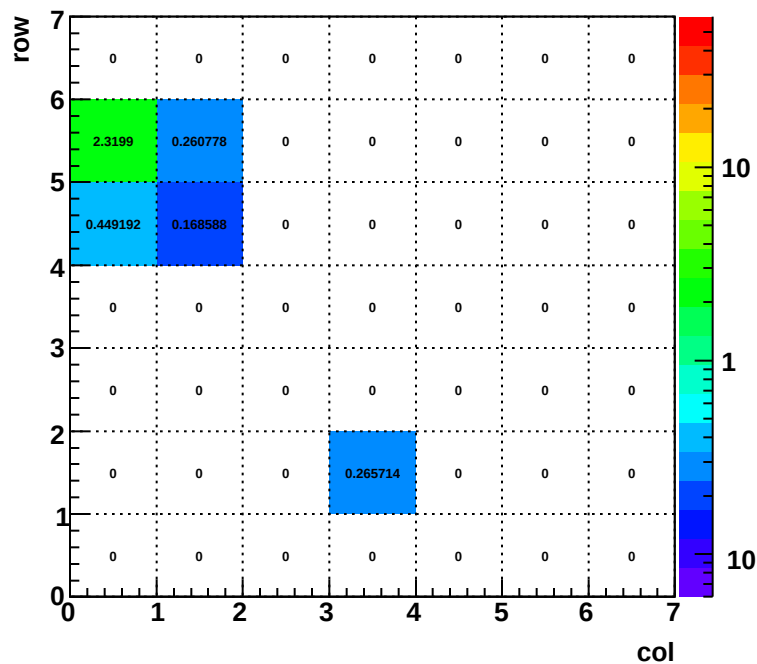
M12=0.583 Y12=-3.615 Phi12=0.077 E12=60.090

SumN(-) = 69 SumN(+)= 111 AN/6=0.389

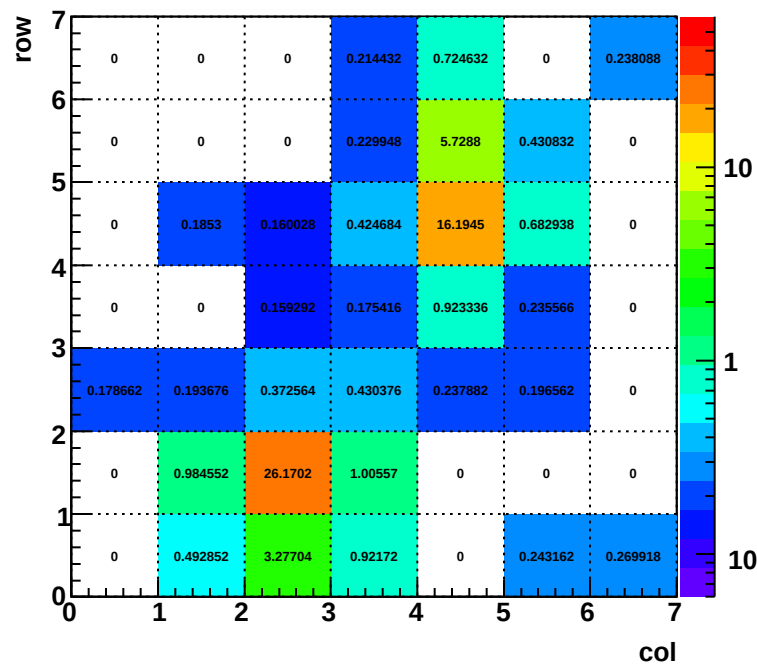
Running Yellow Spin Accumulation



North FPD



South FPD



181) Rnum=7125015 EventN=5605157 (3 Yu-N[+])

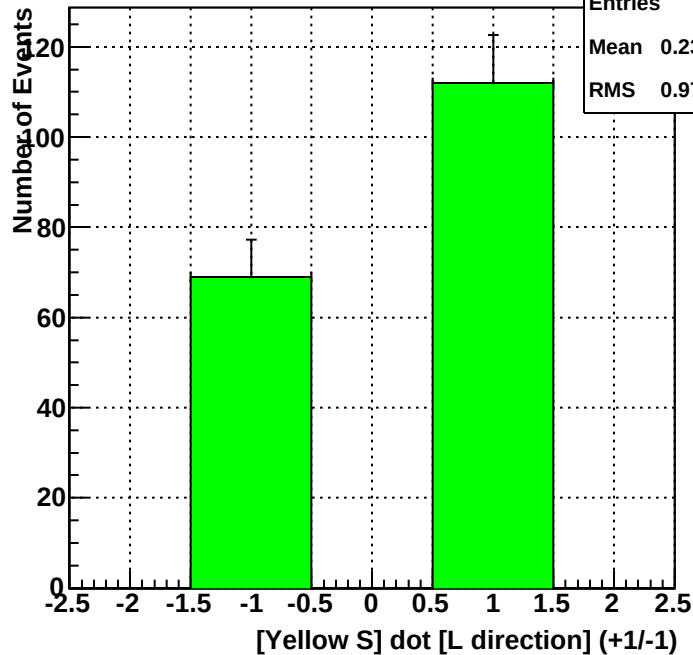
(1) Energy=41.488544 Y=-3.886918 Phi=0.093354

(2) Energy=20.823271 Y=-3.558135 Phi=-0.049205

M12=0.511 Y12=-3.767 Phi12=0.035 E12=62.312

SumN(-) = 69 SumN(+)= 112 AN/6=0.396

Running Yellow Spin Accumulation



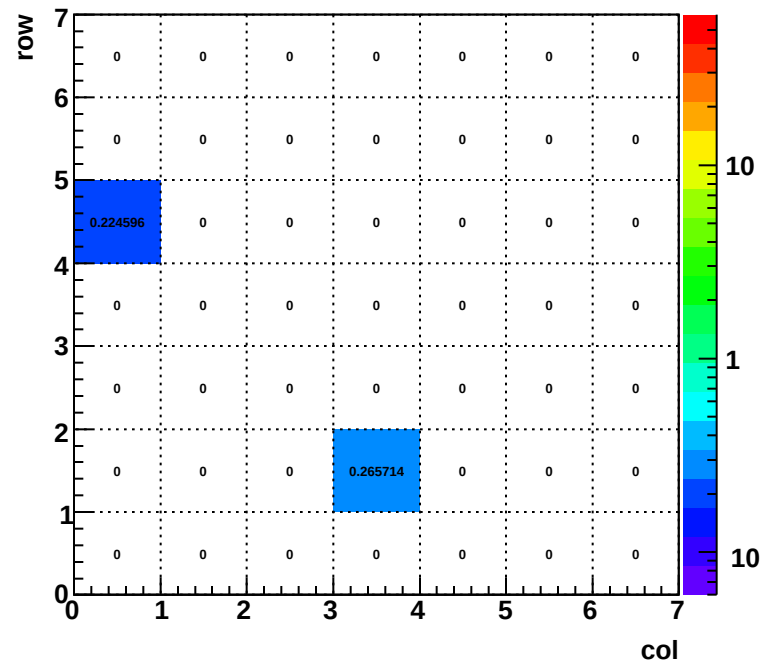
spcntH

Entries 181

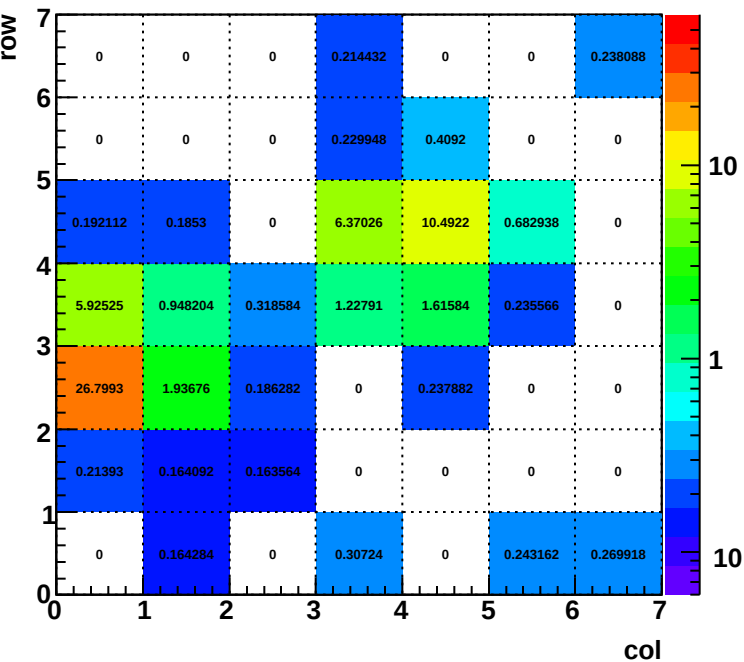
Mean 0.2376

RMS 0.9714

North FPD



South FPD



182) Rnum=7125015 EventN=1004282 (1 Yu-S[-])

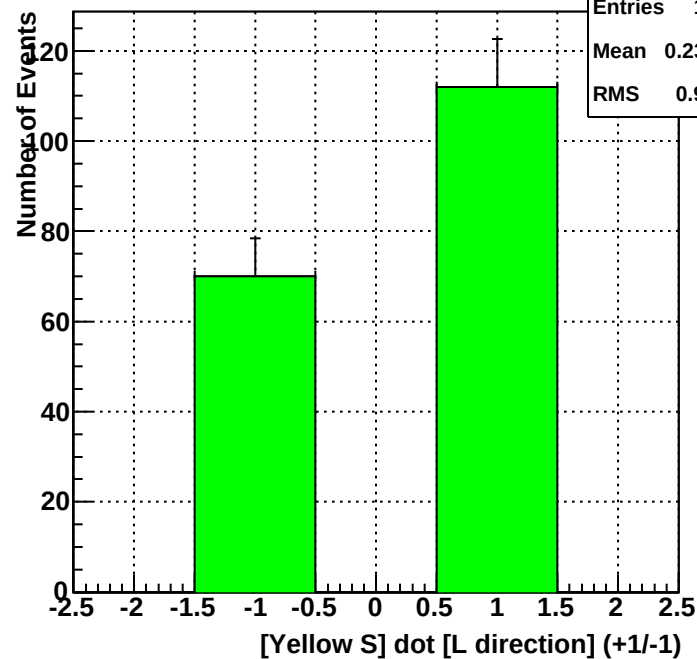
(1) Energy=43.314587 Y=-3.877138 Phi=-3.062197

(2) Energy=21.896486 Y=-3.629589 Phi=2.979253

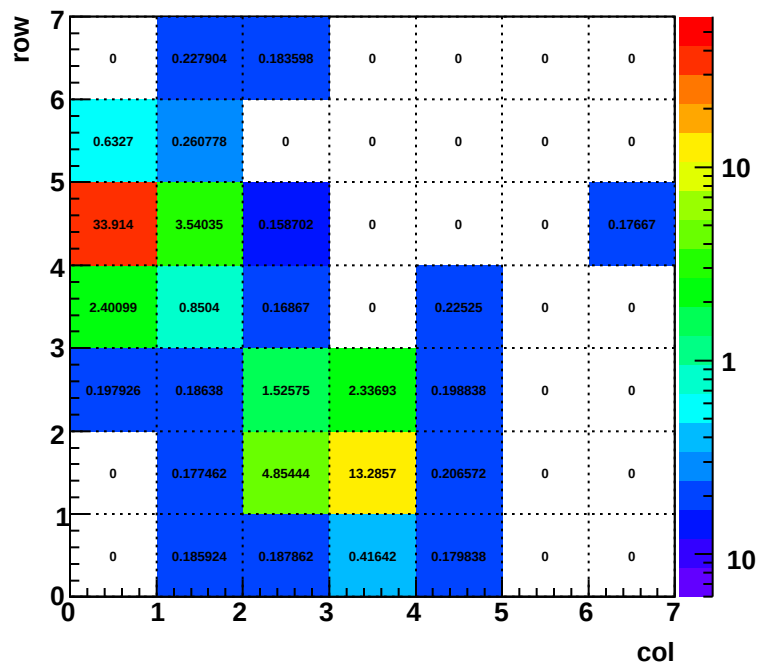
M12=0.499 Y12=-3.794 Phi12=3.126 E12=65.211

SumN(-) = 70 SumN(+)= 112 AN/6=0.385

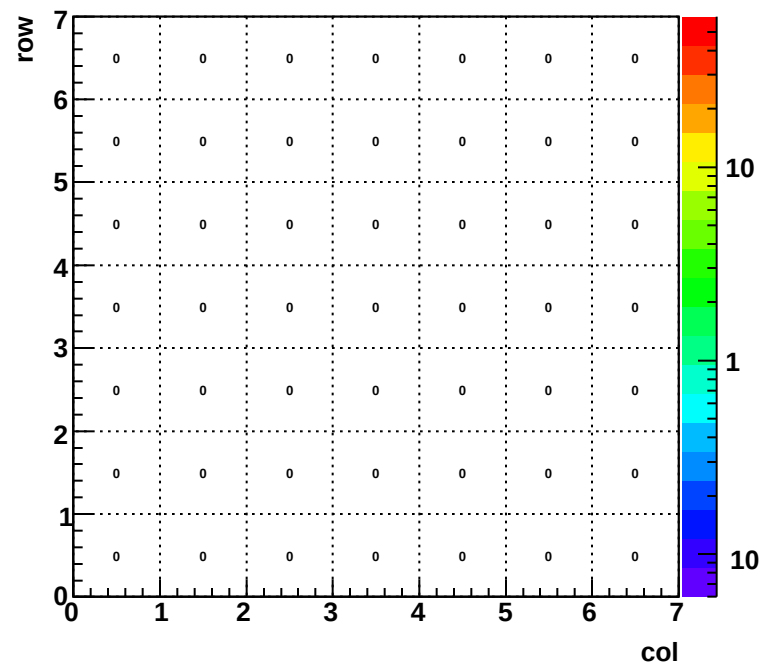
Running Yellow Spin Accumulation



North FPD



South FPD



183) Rnum=7125015 EventN=1005442 (2 Yd-N[-])

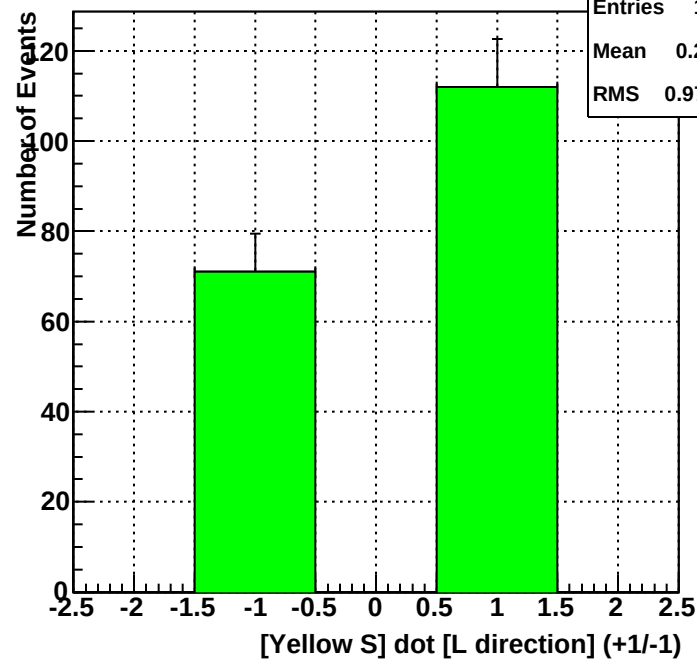
(1) Energy=36.146622 Y=-3.533549 Phi=-0.086531

(2) Energy=30.223818 Y=-3.893970 Phi=-0.216368

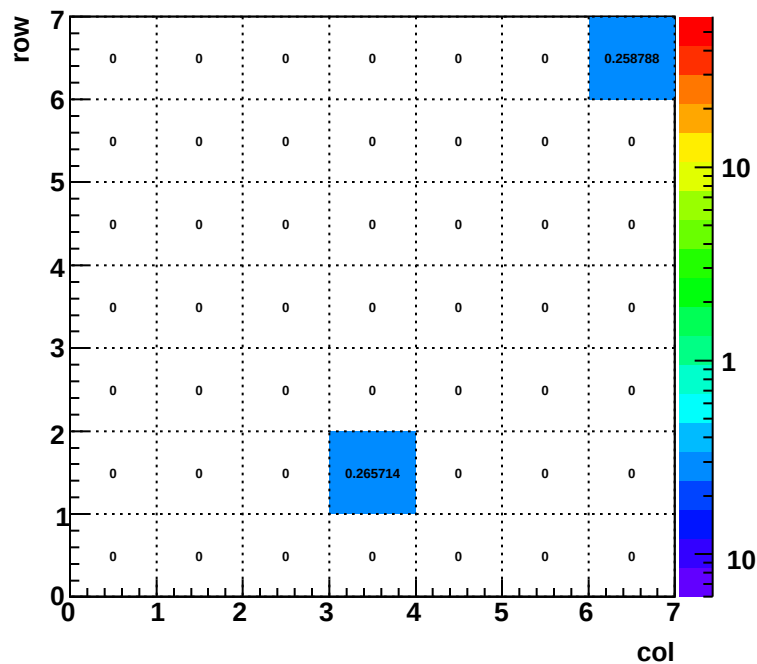
M12=0.620 Y12=-3.684 Phi12=-0.134 E12=66.370

SumN(-) = 71 SumN(+)= 112 AN/6=0.373

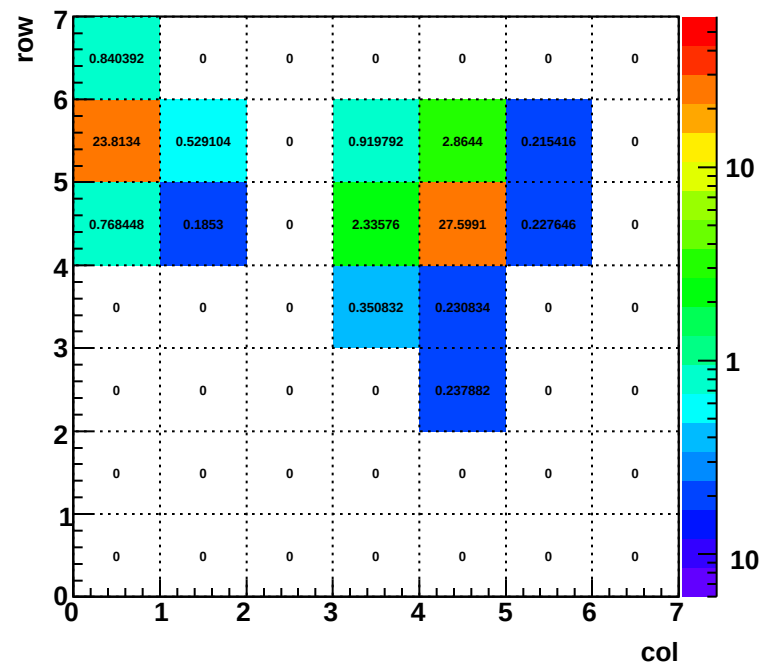
Running Yellow Spin Accumulation



North FPD



South FPD



184) Rnum=7125016 EventN=4705026 (2 Yd-N[-])

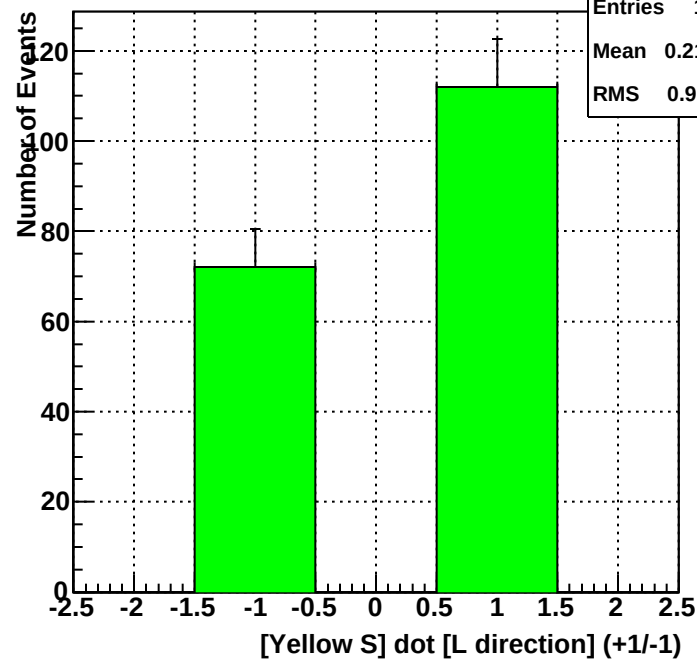
(1) Energy=55.017426 Y=-3.684972 Phi=-0.196750

(2) Energy=10.323459 Y=-3.540362 Phi=0.190183

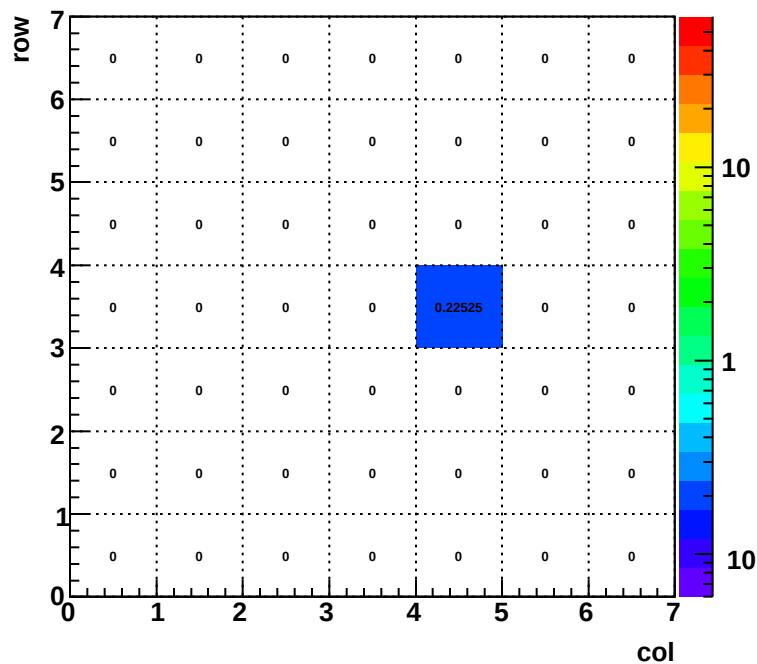
M12=0.528 Y12=-3.672 Phi12=-0.129 E12=65.341

SumN(-) = 72 SumN(+)= 112 AN/6=0.362

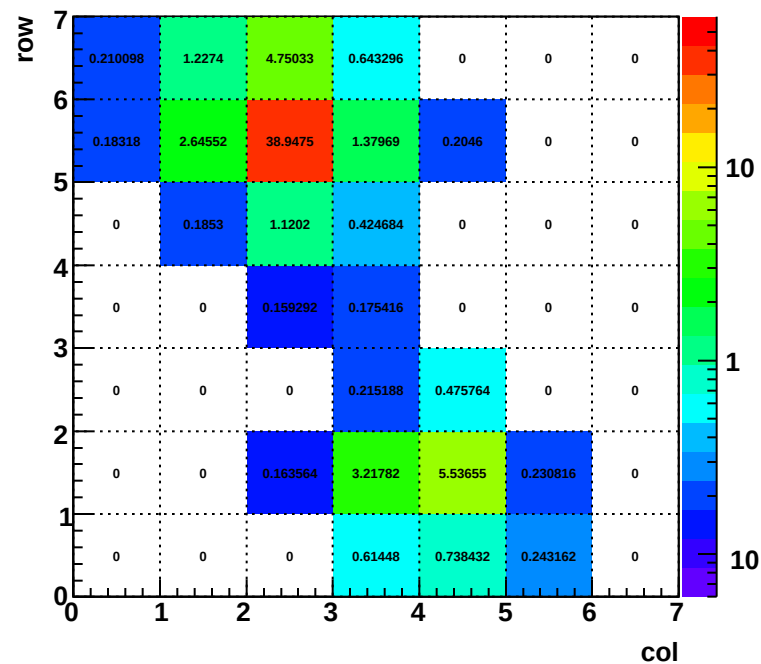
Running Yellow Spin Accumulation



North FPD



South FPD



185) Rnum=7125028 EventN=6700392 (2 Yd-S[+])

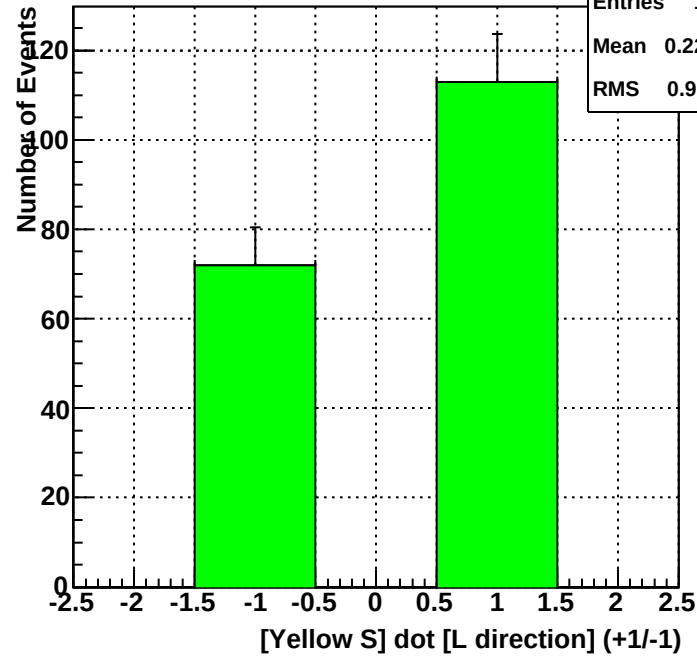
(1) Energy=47.460369 Y=-3.666654 Phi=-3.104959

(2) Energy=14.840759 Y=-3.353662 Phi=-2.968673

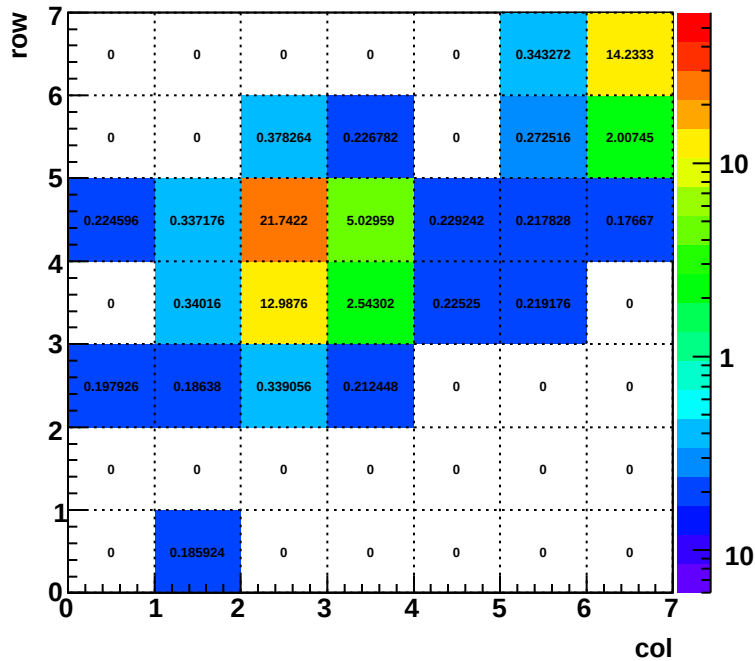
M12=0.543 Y12=-3.585 Phi12=-3.064 E12=62.301

SumN(-) = 72 SumN(+)= 113 AN/6=0.369

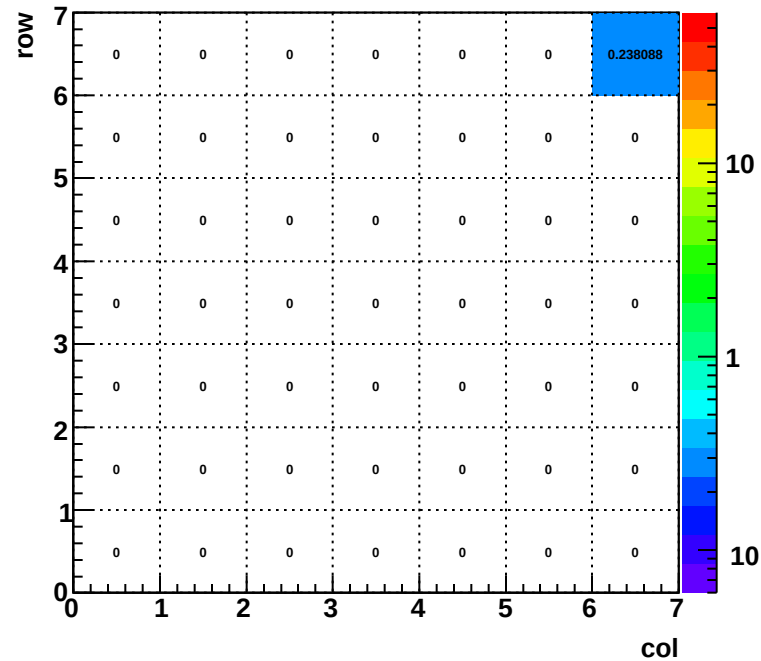
Running Yellow Spin Accumulation



North FPD



South FPD



186) Rnum=7125029 EventN=1402341 (3 Yu-N[+])

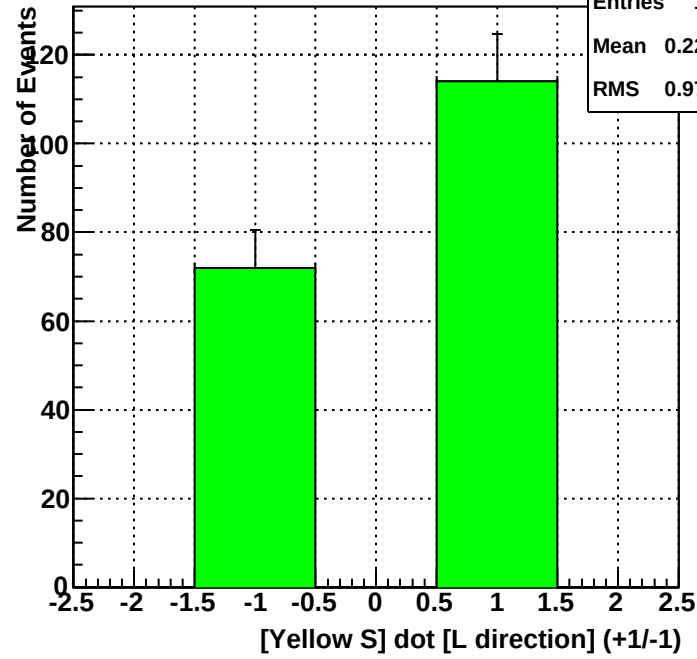
(1) Energy=41.816654 Y=-3.701660 Phi=-0.015477

(2) Energy=23.756077 Y=-3.748168 Phi=0.332606

M12=0.531 Y12=-3.732 Phi12=0.106 E12=65.573

SumN(-) = 72 SumN(+)= 114 AN/6=0.376

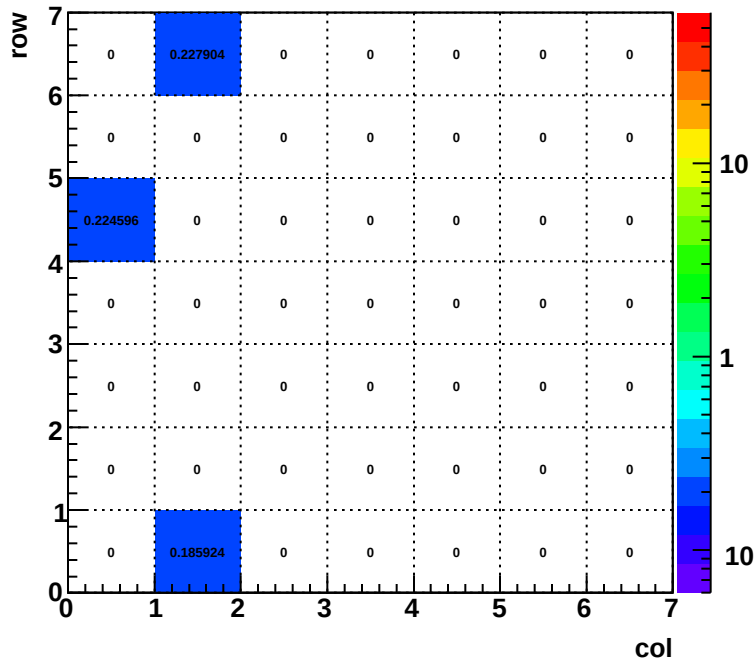
Running Yellow Spin Accumulation



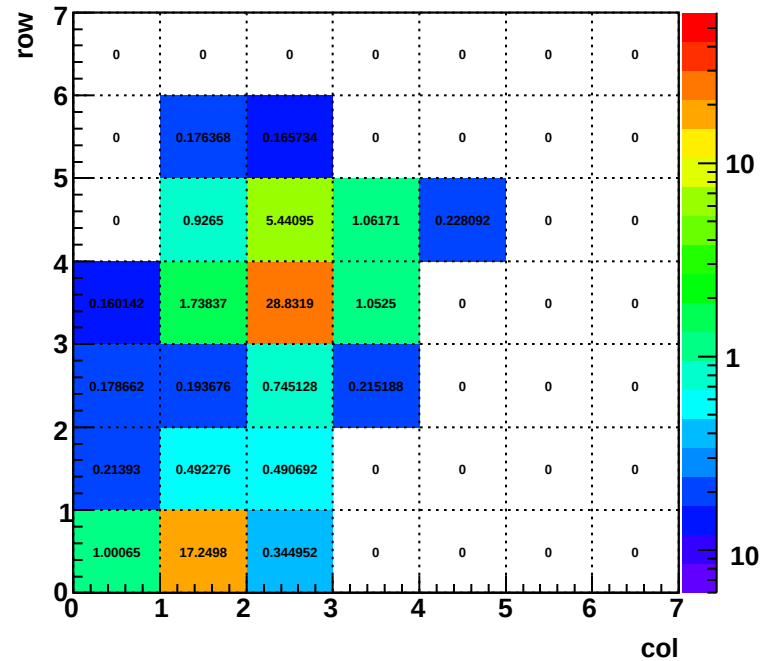
spcntH

Entries 186
Mean 0.2258
RMS 0.9742

North FPD



South FPD



187) Rnum=7125044 EventN=404692 (3 Yu-S[-])

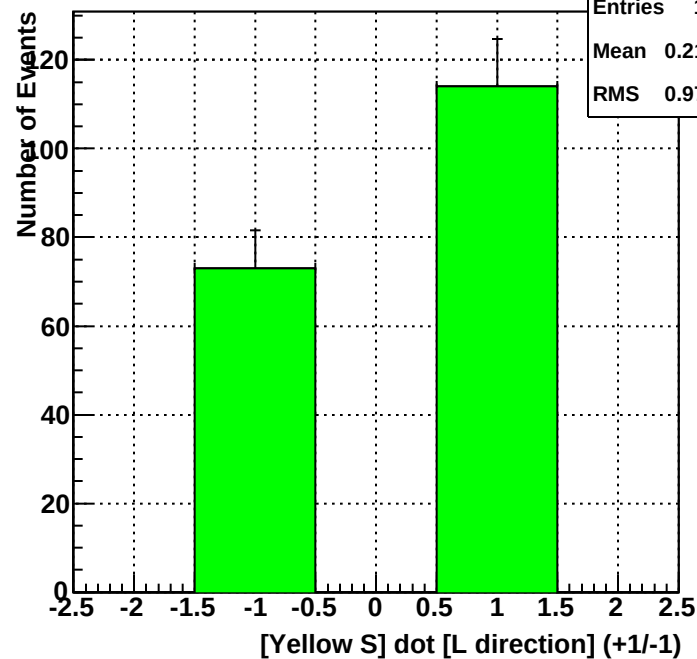
(1) Energy=51.644714 Y=-3.813698 Phi=-2.986585

(2) Energy=8.935191 Y=-3.480123 Phi=2.964180

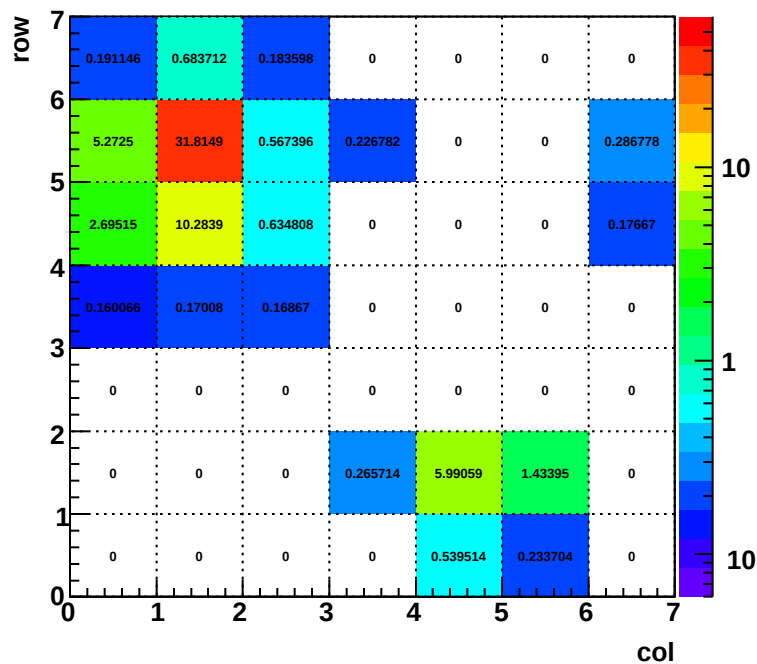
M12=0.527 Y12=-3.766 Phi12=-3.051 E12=60.580

SumN(-) = 73 SumN(+)= 114 AN/6=0.365

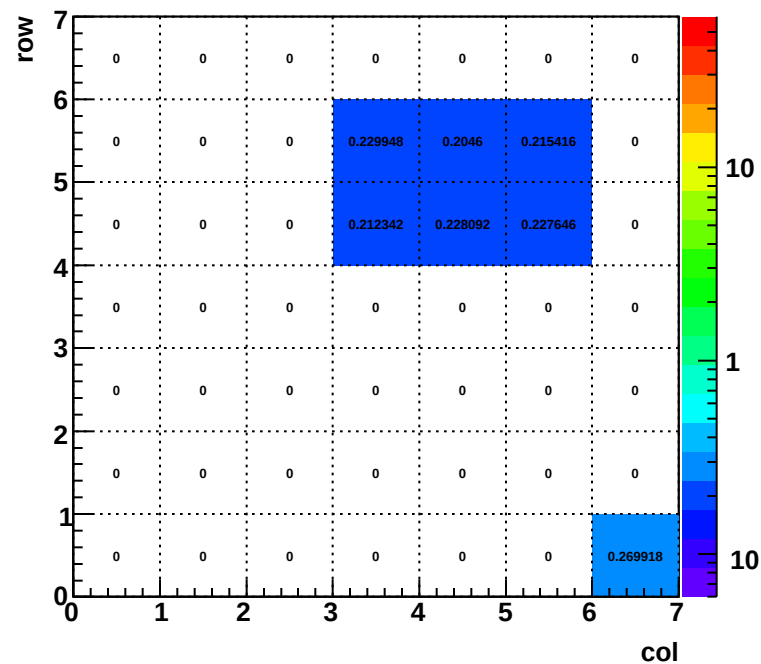
Running Yellow Spin Accumulation



North FPD



South FPD



188) Rnum=7125044 EventN=9408048 (3 Yu-N[+])

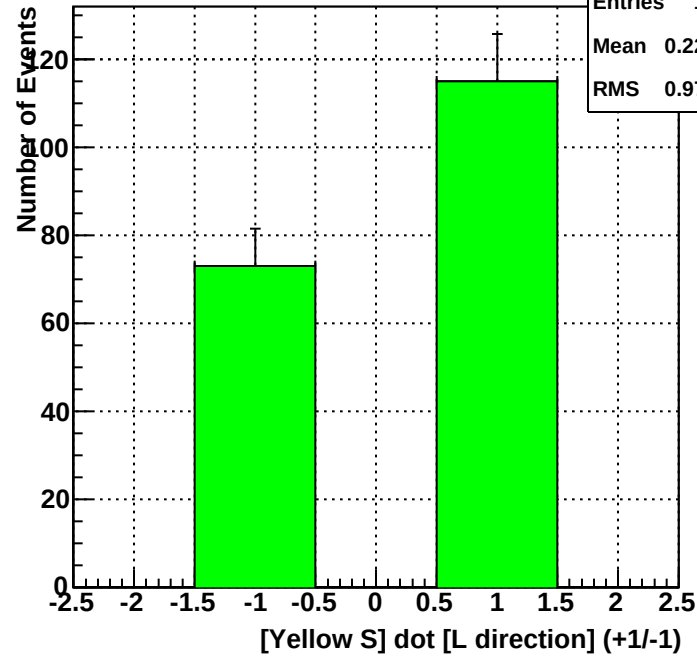
(1) Energy=39.235737 Y=-3.888900 Phi=0.018530

(2) Energy=21.723751 Y=-3.472501 Phi=0.069571

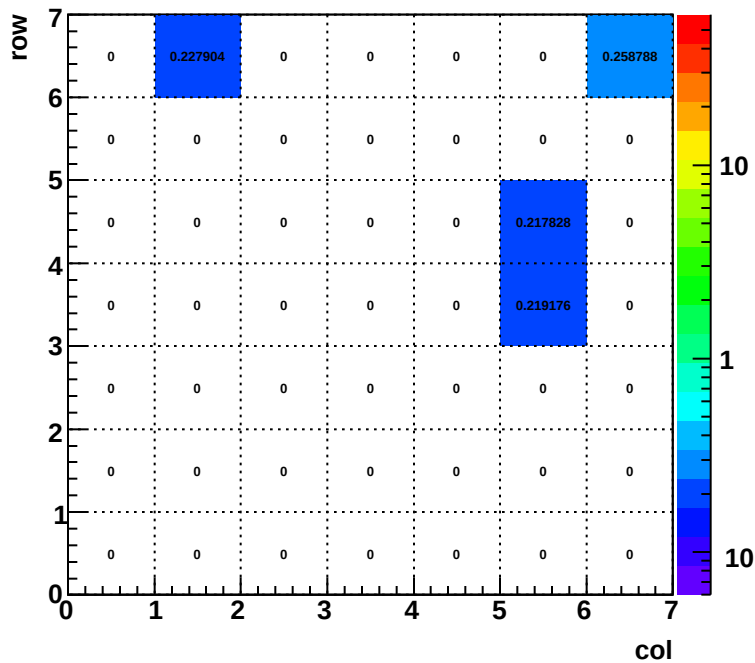
M12=0.621 Y12=-3.720 Phi12=0.042 E12=60.959

SumN(-) = 73 SumN(+)= 115 AN/6=0.372

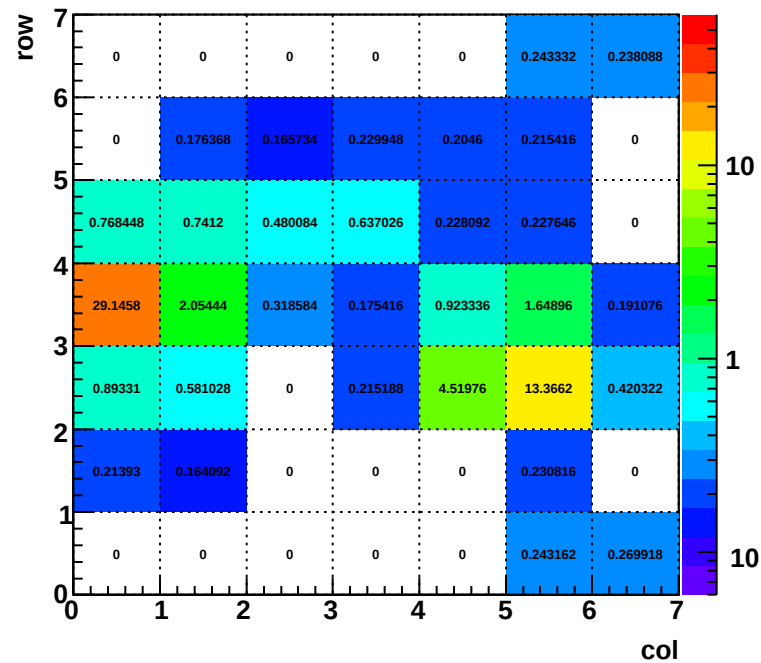
Running Yellow Spin Accumulation



North FPD



South FPD



189) Rnum=7125052 EventN=3708230 (3 Yu-S[-])

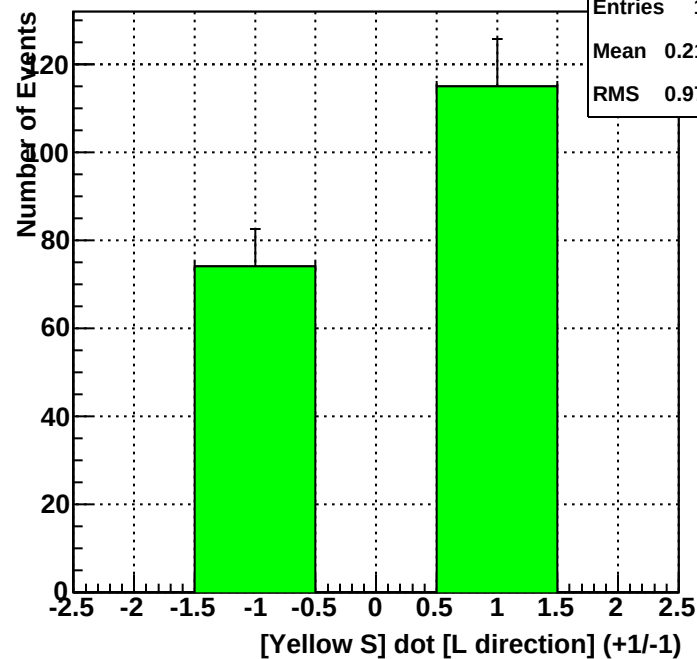
(1) Energy=48.085178 Y=-3.661123 Phi=2.954468

(2) Energy=12.344663 Y=-3.824487 Phi=-2.815680

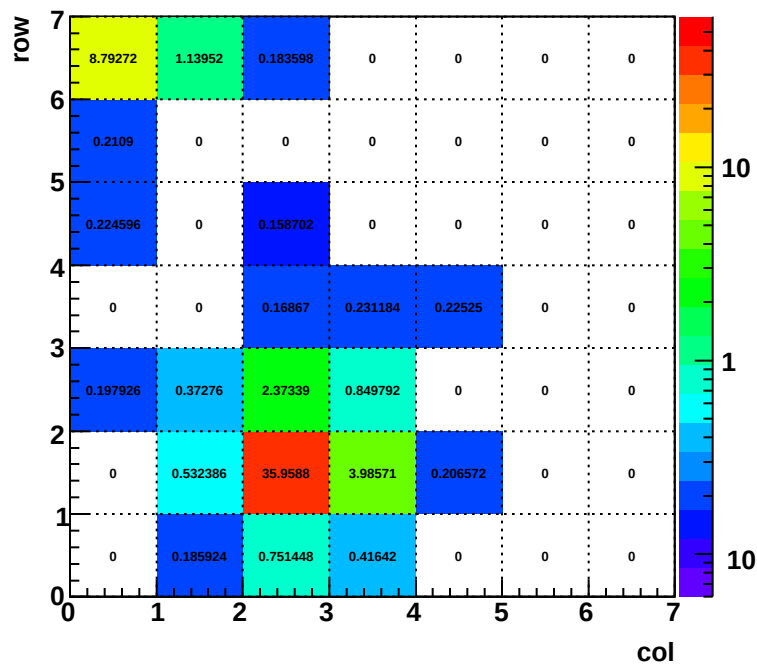
M12=0.615 Y12=-3.712 Phi12=3.044 E12=60.430

SumN(-) = 74 SumN(+)= 115 AN/6=0.362

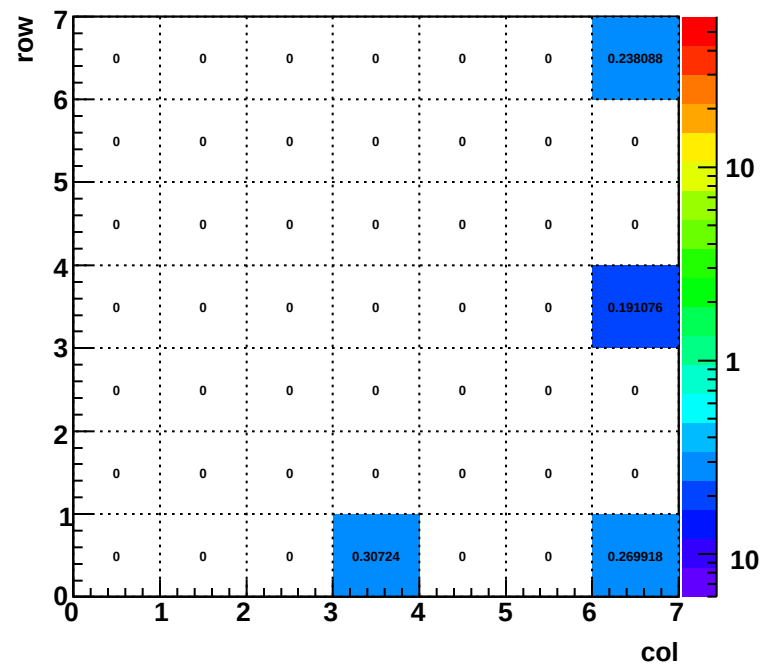
Running Yellow Spin Accumulation



North FPD



South FPD



190) Rnum=7125052 EventN=504354 (2 Yd-N[-])

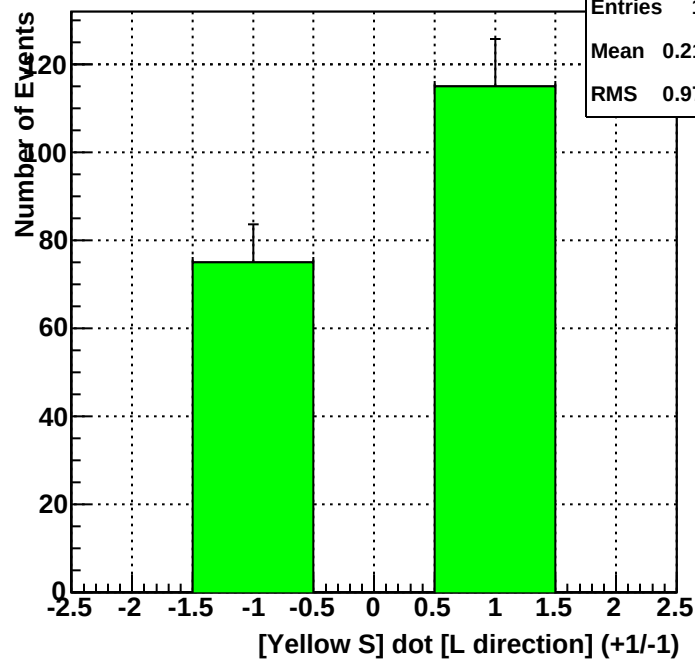
(1) Energy=47.288628 Y=-3.926141 Phi=0.026442

(2) Energy=15.967339 Y=-3.478491 Phi=-0.075557

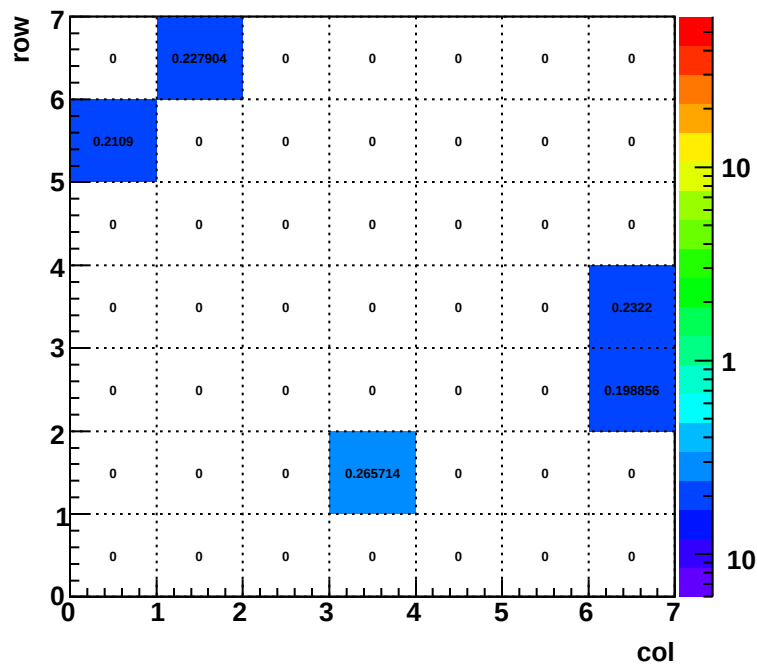
M12=0.627 Y12=-3.794 Phi12=-0.009 E12=63.256

SumN(-) = 75 SumN(+)= 115 AN/6=0.351

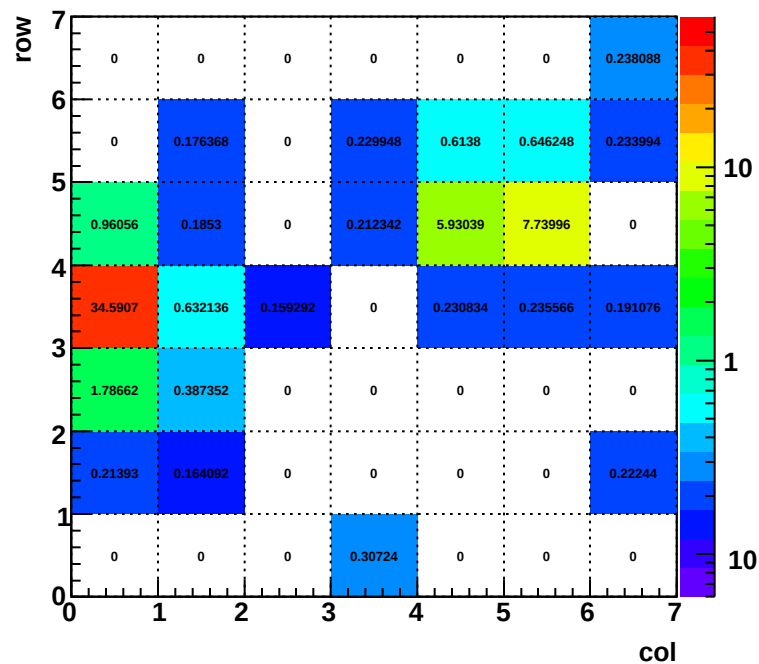
Running Yellow Spin Accumulation



North FPD



South FPD



191) Rnum=7125052 EventN=9605542 (0 Yd-S[+])

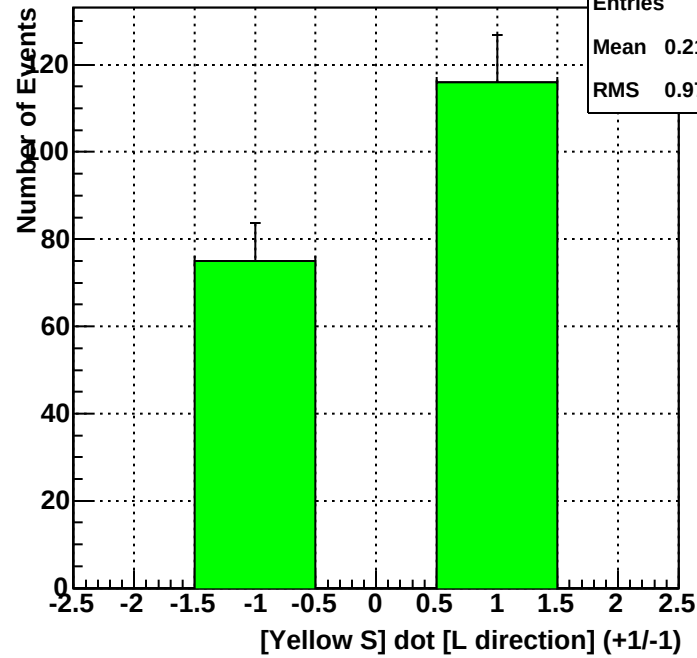
(1) Energy=37.190914 Y=-3.771601 Phi=2.938951

(2) Energy=23.435356 Y=-3.680182 Phi=-3.018026

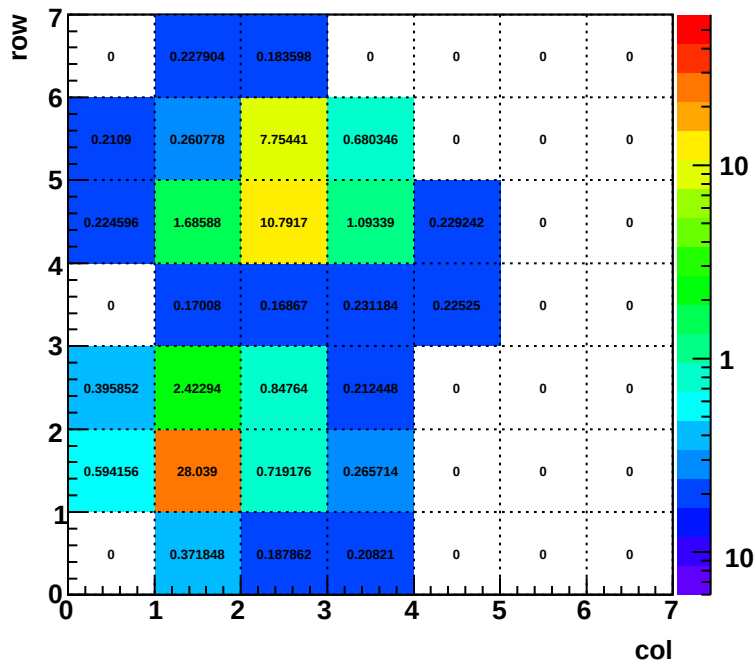
M12=0.480 Y12=-3.748 Phi12=3.072 E12=60.626

SumN(-) = 75 SumN(+)= 116 AN/6=0.358

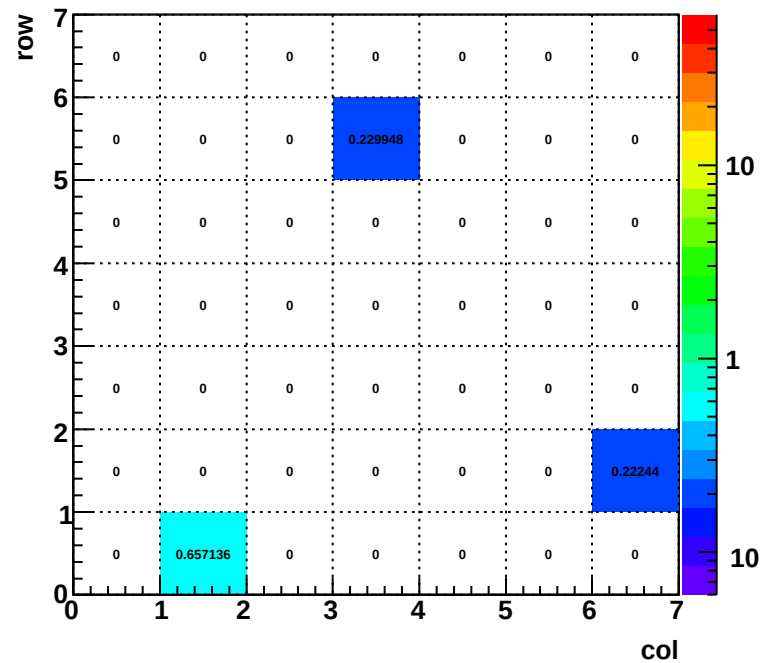
Running Yellow Spin Accumulation



North FPD



South FPD



192) Rnum=7125053 EventN=705253 (0 Yd-N[-])

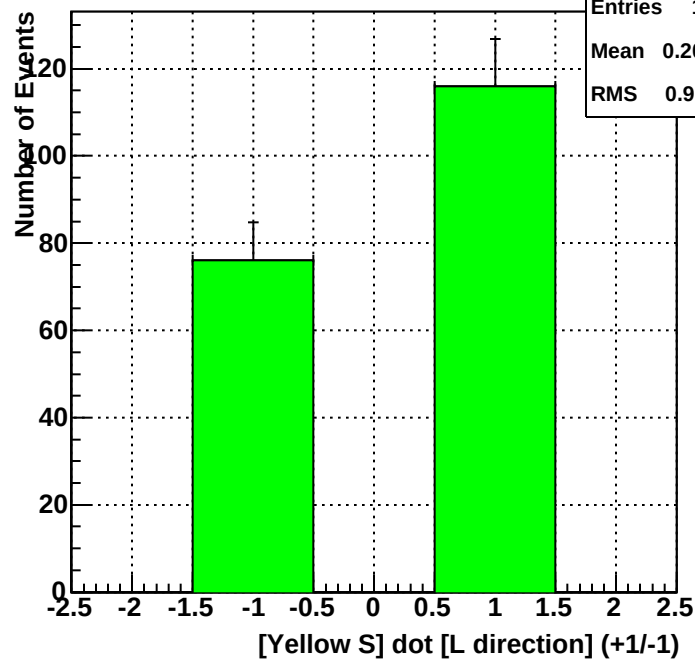
(1) Energy=34.059826 Y=-3.679771 Phi=-0.097218

(2) Energy=27.927229 Y=-3.403383 Phi=-0.112894

M12=0.496 Y12=-3.546 Phi12=-0.105 E12=61.987

SumN(-) = 76 SumN(+)= 116 AN/6=0.347

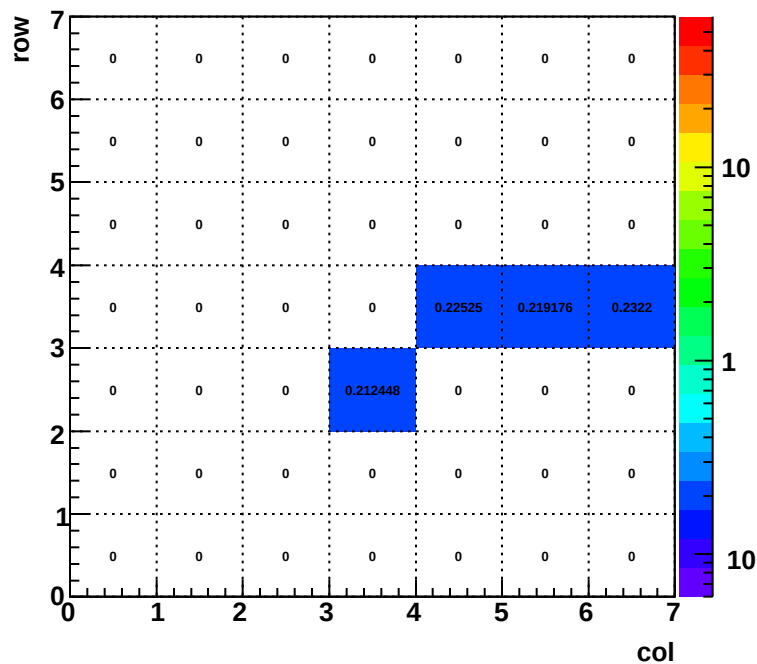
Running Yellow Spin Accumulation



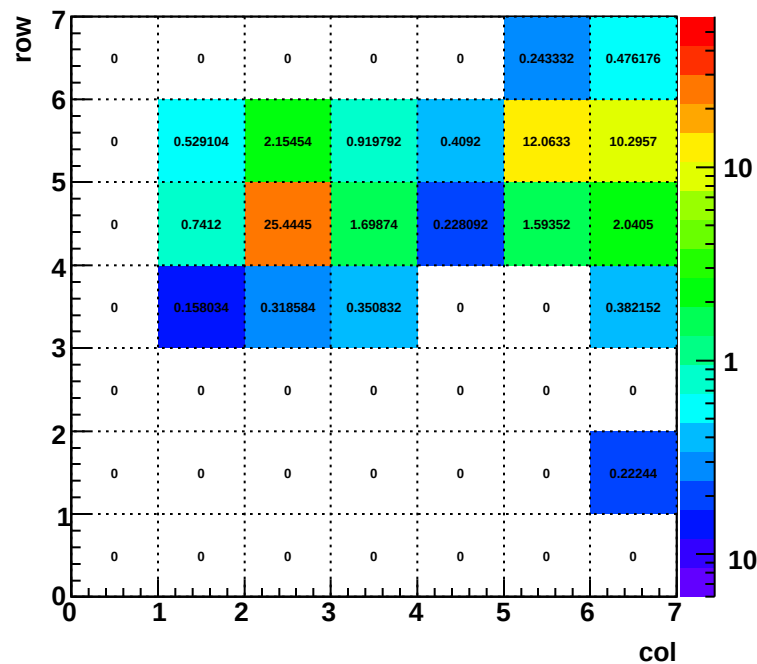
spcntH

Entries 192
Mean 0.2083
RMS 0.9781

North FPD



South FPD



193) Rnum=7125054 EventN=1405309 (0 Yd-N[-])

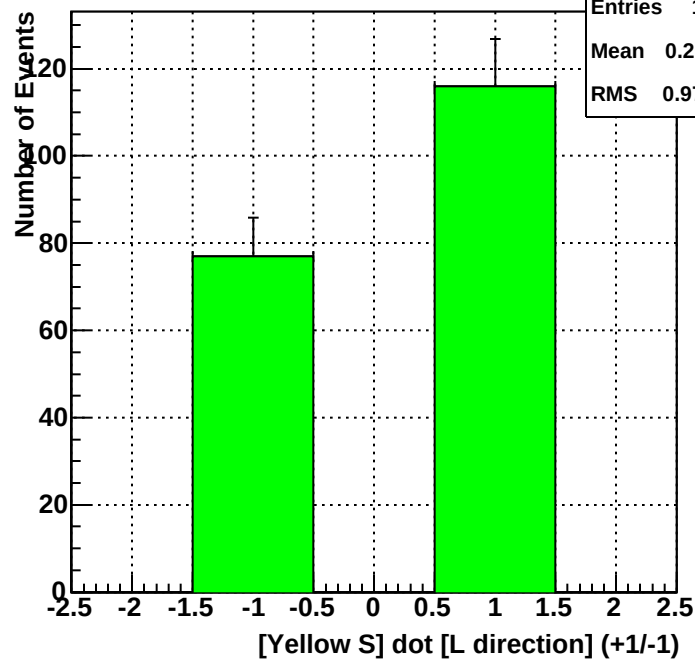
(1) Energy=31.013912 Y=-3.661533 Phi=0.008251

(2) Energy=30.968992 Y=-3.476000 Phi=0.213594

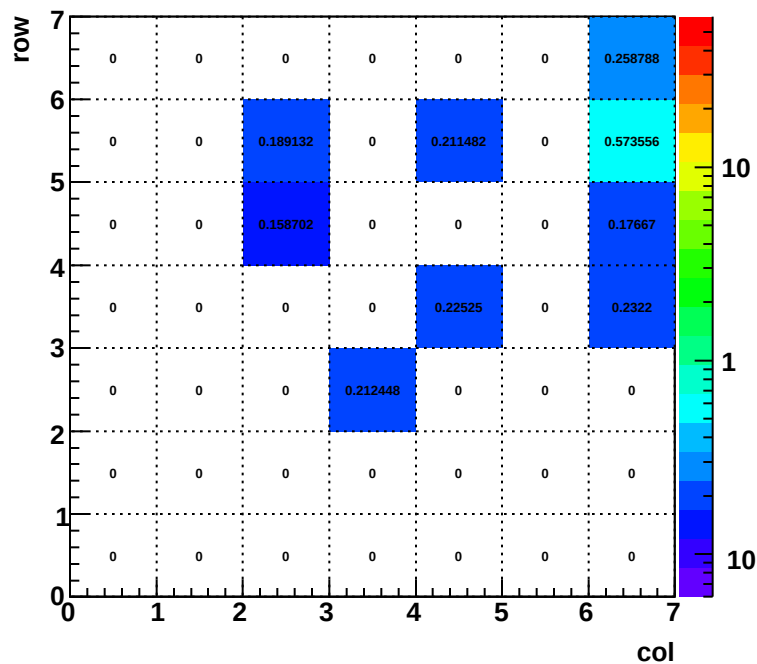
M12=0.483 Y12=-3.570 Phi12=0.120 E12=61.983

SumN(-) = 77 SumN(+)= 116 AN/6=0.337

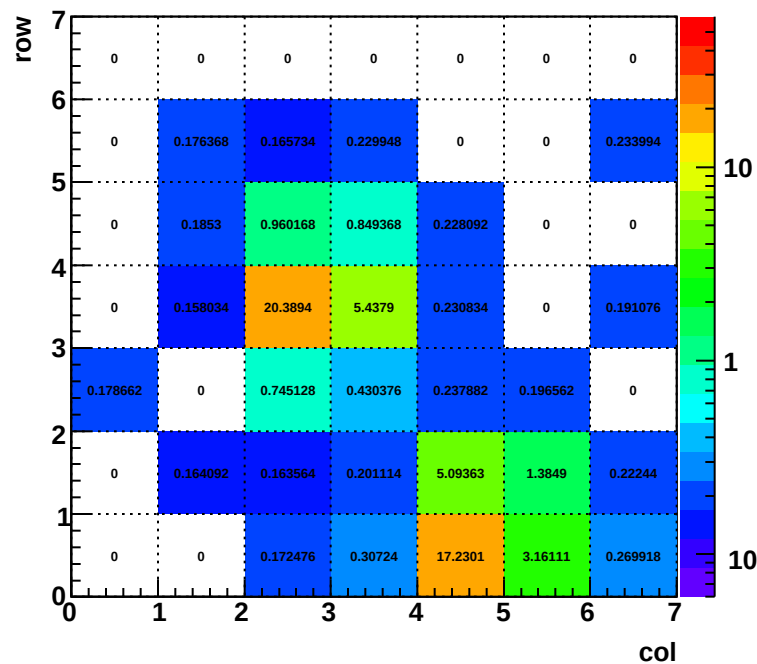
Running Yellow Spin Accumulation



North FPD



South FPD



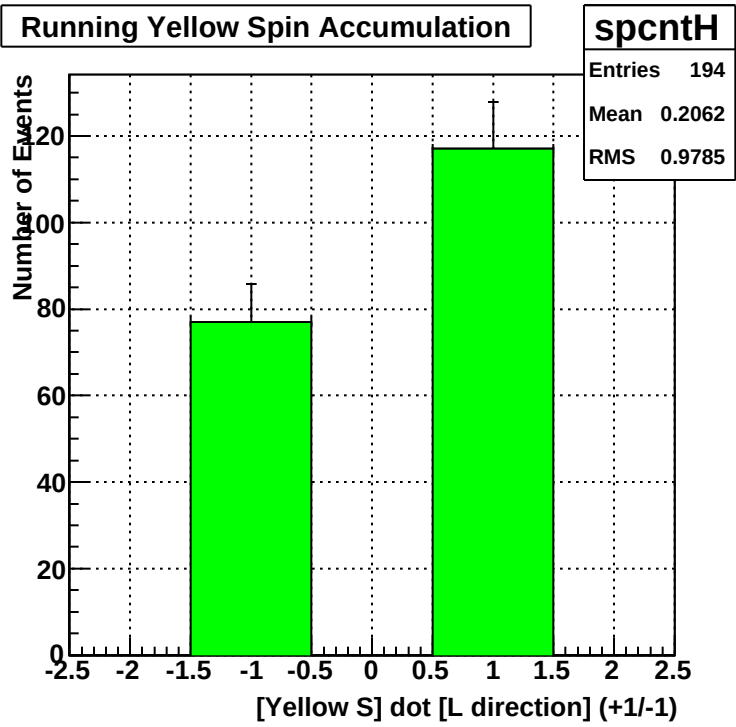
194) Rnum=7125055 EventN=4607052 (3 Yu-N[+])

(1) Energy=35.079071 Y=-3.704561 Phi=-0.118335

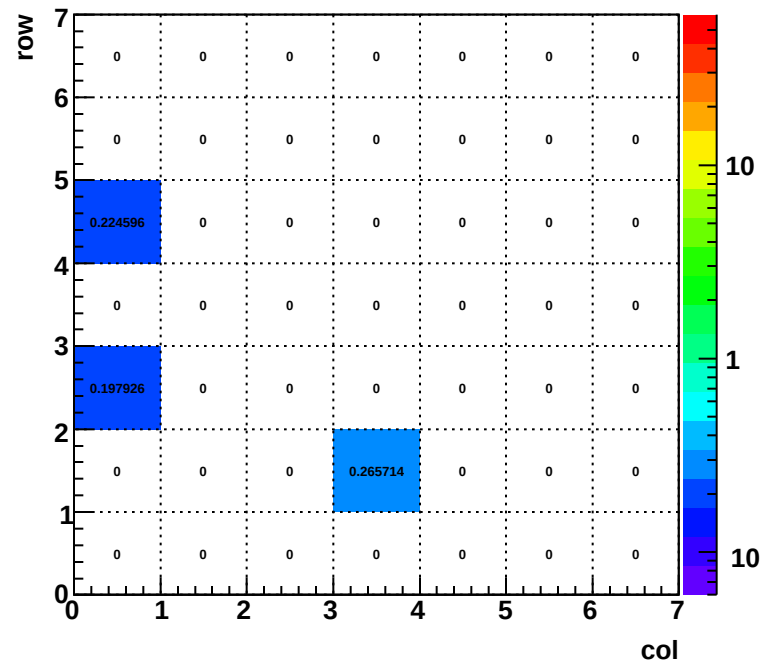
(2) Energy=28.945240 Y=-3.669141 Phi=0.271694

M12=0.621 Y12=-3.707 Phi12=0.061 E12=64.024

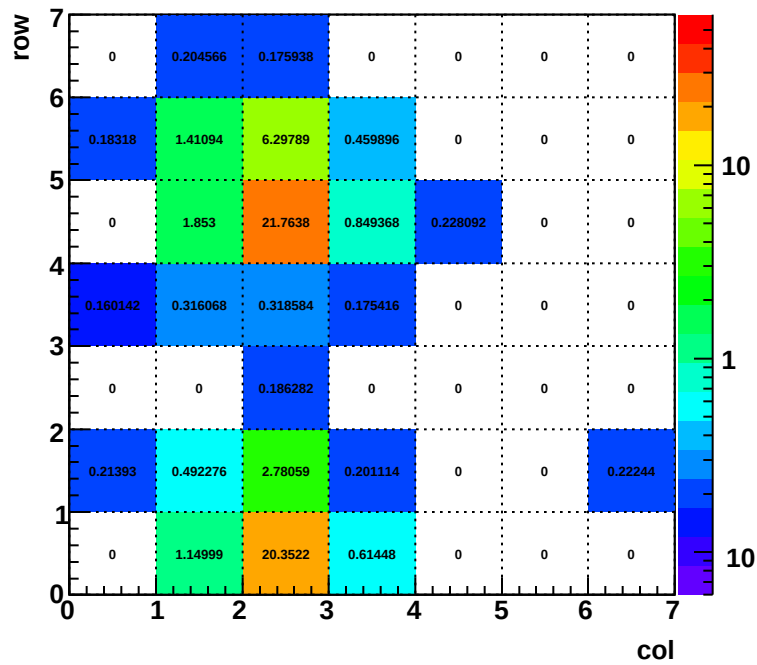
SumN(-) = 77 SumN(+)= 117 ANI.6=0.344



North FPD



South FPD



195) Rnum=7125055 EventN=2201469 (0 Yd-N[-])

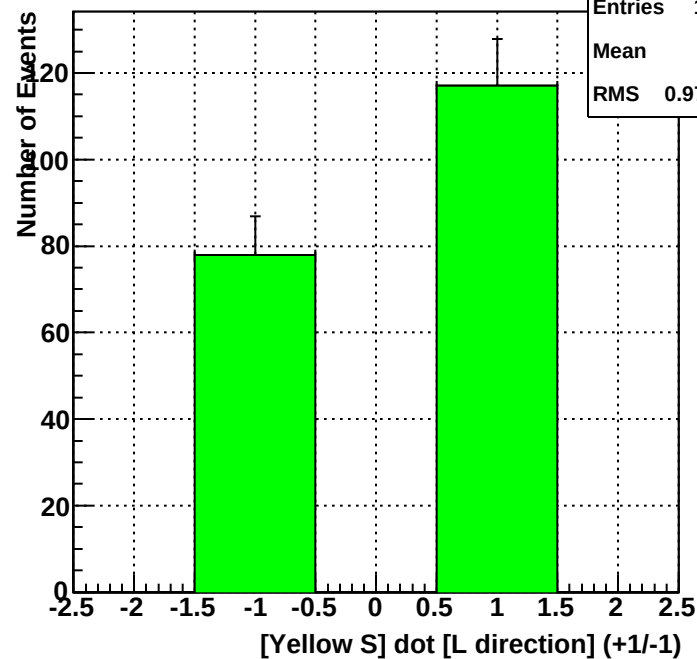
(1) Energy=45.396446 Y=-3.624545 Phi=-0.135546

(2) Energy=17.495367 Y=-3.878022 Phi=0.196688

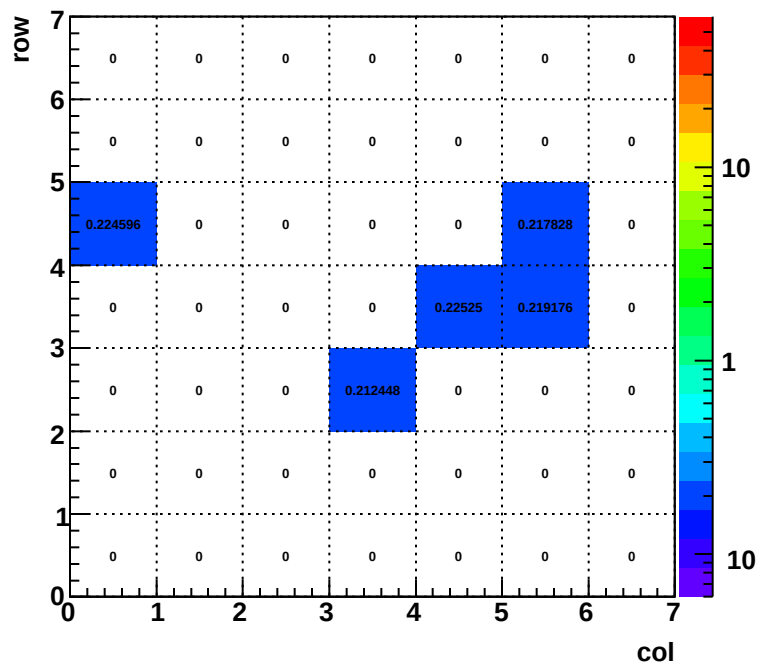
M12=0.552 Y12=-3.699 Phi12=-0.060 E12=62.892

SumN(-) = 78 SumN(+)= 117 AN/6=0.333

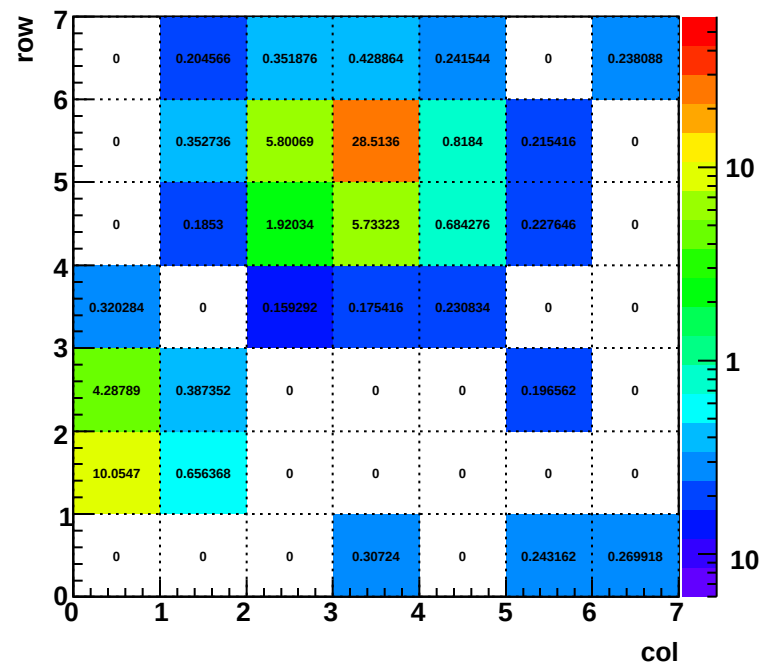
Running Yellow Spin Accumulation



North FPD



South FPD



196) Rnum=7125056 EventN=6806928 (2 Yd-N[-])

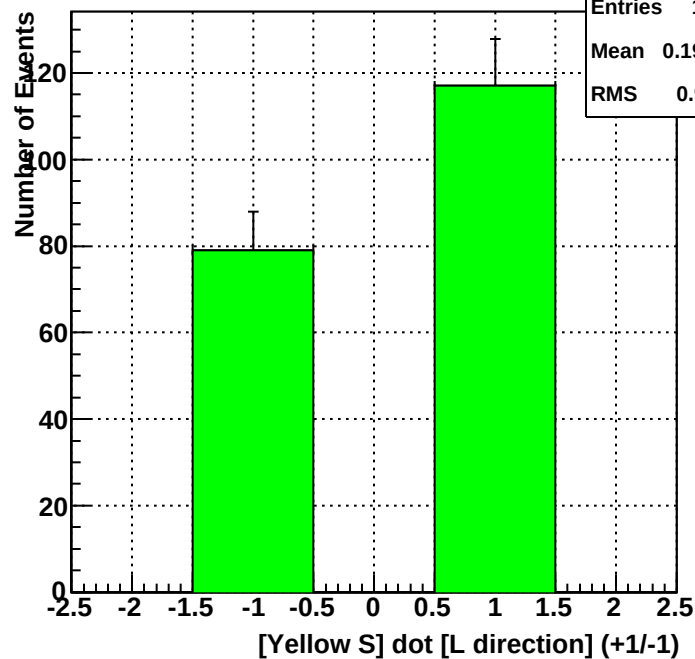
(1) Energy=47.252975 Y=-3.493716 Phi=0.094829

(2) Energy=13.065625 Y=-3.918849 Phi=-0.081986

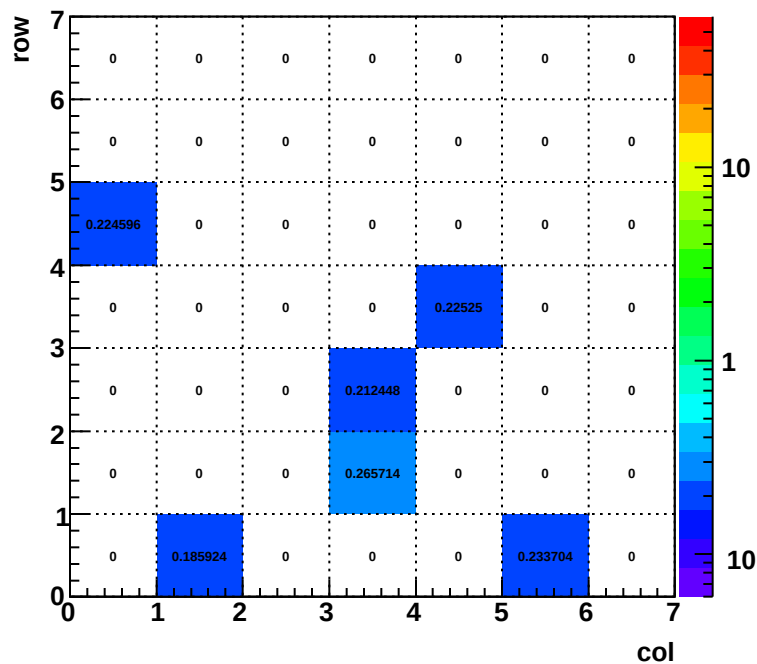
M12=0.565 Y12=-3.574 Phi12=0.068 E12=60.319

SumN(-) = 79 SumN(+)= 117 AN/6=0.323

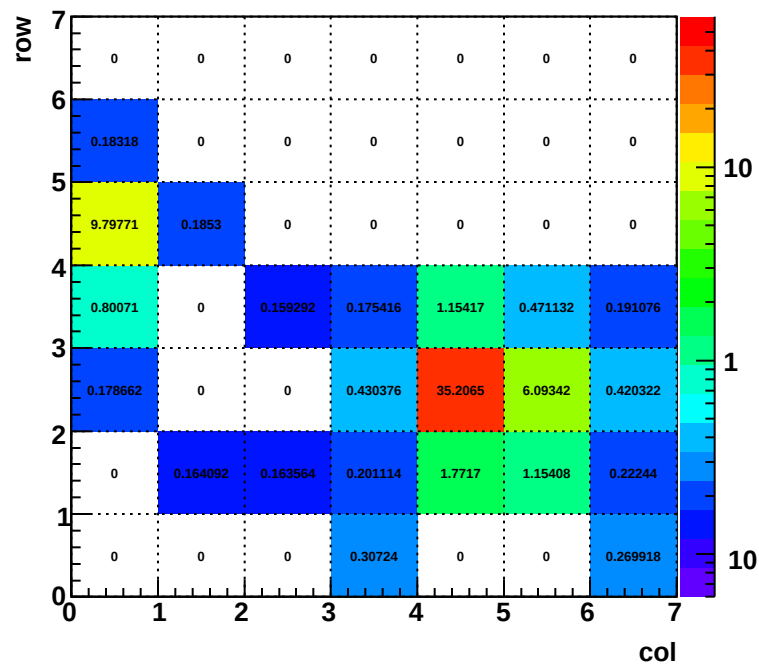
Running Yellow Spin Accumulation



North FPD



South FPD



197) Rnum=7125058 EventN=804432 (0 Yd-S[+])

(1) Energy=39.575634 Y=-3.772454 Phi=-2.933109

(2) Energy=20.803484 Y=-3.754230 Phi=2.912296

M12=0.579 Y12=-3.788 Phi12=-3.085 E12=60.379

SumN(-) = 79 SumN(+)= 118 AN/6=0.330

197) Rnum=7125058 EventN=804432 (0 Yd-S[+])

(1) Energy=39.575634 Y=-3.772454 Phi=-2.933109

(2) Energy=20.803484 Y=-3.754230 Phi=2.912296

M12=0.579 Y12=-3.788 Phi12=-3.085 E12=60.379

SumN(-) = 79 SumN(+)= 118 AN/6=0.330

197) Rnum=7125058 EventN=804432 (0 Yd-S[+])

(1) Energy=39.575634 Y=-3.772454 Phi=-2.933109

(2) Energy=20.803484 Y=-3.754230 Phi=2.912296

M12=0.579 Y12=-3.788 Phi12=-3.085 E12=60.379

SumN(-) = 79 SumN(+)= 118 AN/6=0.330

197) Rnum=7125058 EventN=804432 (0 Yd-S[+])

(1) Energy=39.575634 Y=-3.772454 Phi=-2.933109

(2) Energy=20.803484 Y=-3.754230 Phi=2.912296

M12=0.579 Y12=-3.788 Phi12=-3.085 E12=60.379

SumN(-) = 79 SumN(+)= 118 AN/6=0.330

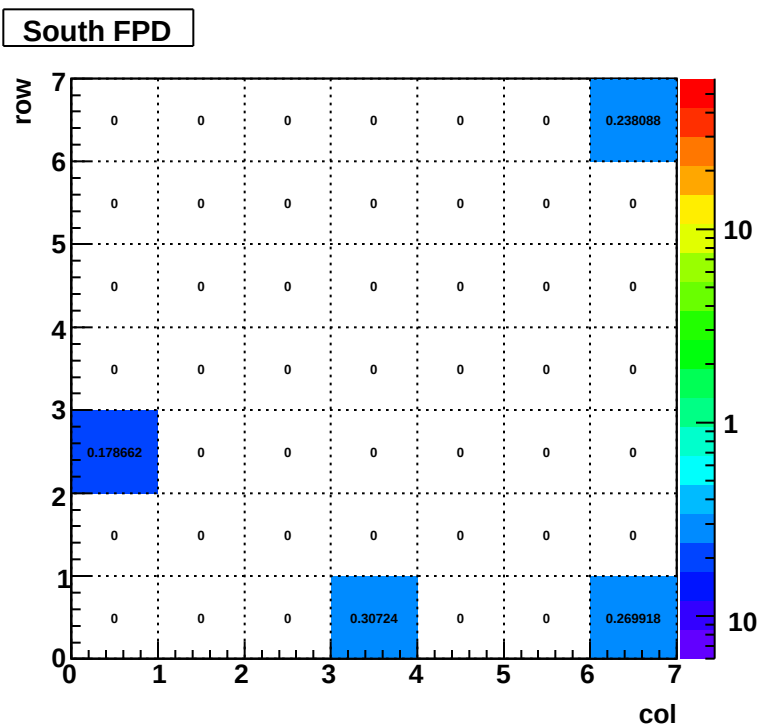
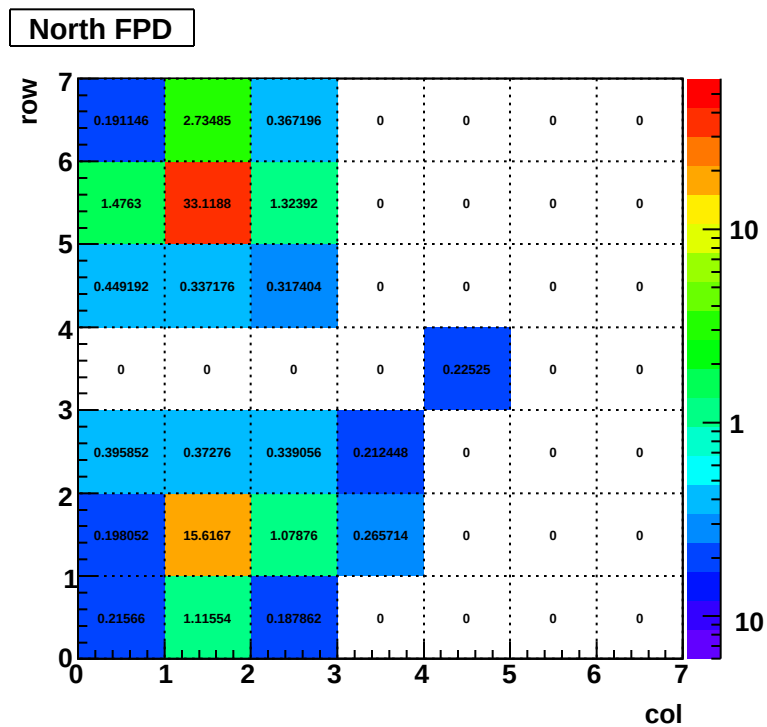
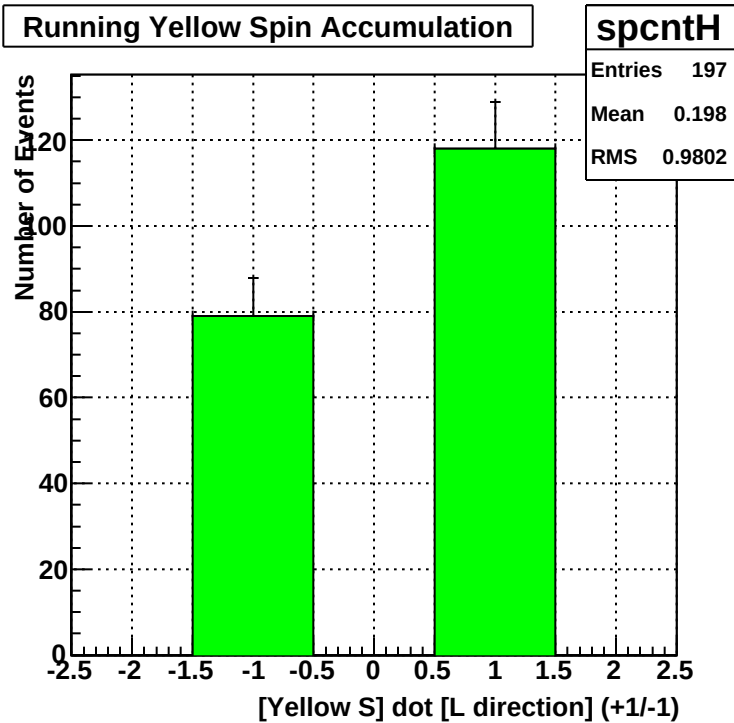
197) Rnum=7125058 EventN=804432 (0 Yd-S[+])

(1) Energy=39.575634 Y=-3.772454 Phi=-2.933109

(2) Energy=20.803484 Y=-3.754230 Phi=2.912296

M12=0.579 Y12=-3.788 Phi12=-3.085 E12=60.379

SumN(-) = 79 SumN(+)= 118 AN/6=0.330



198) Rnum=7125059 EventN=601657 (3 Yu-N[+])

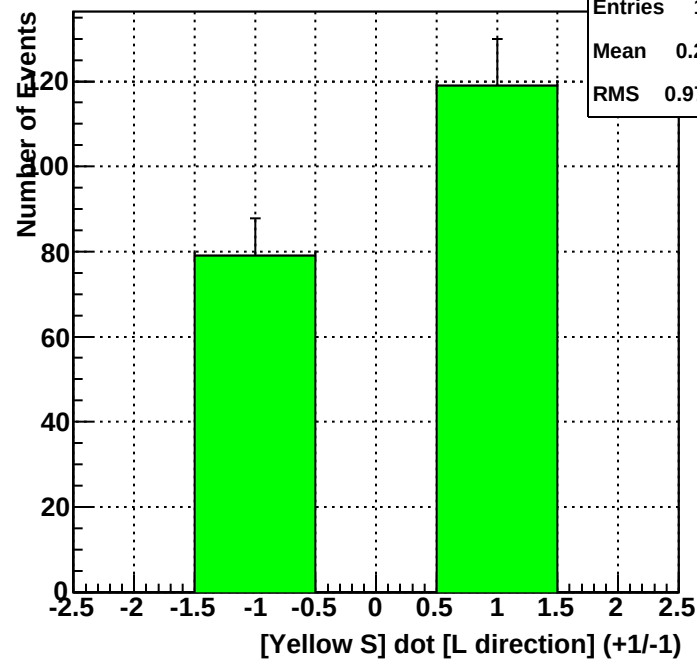
(1) Energy=52.030655 Y=-3.840493 Phi=0.109794

(2) Energy=11.136885 Y=-3.500915 Phi=-0.151170

M12=0.526 Y12=-3.778 Phi12=0.050 E12=63.168

SumN(-) = 79 SumN(+)= 119 AN/6=0.337

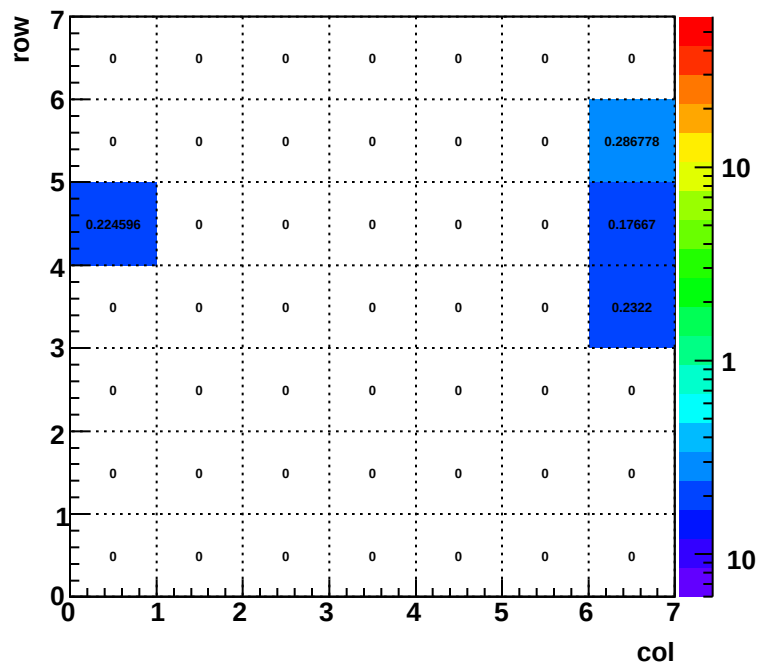
Running Yellow Spin Accumulation



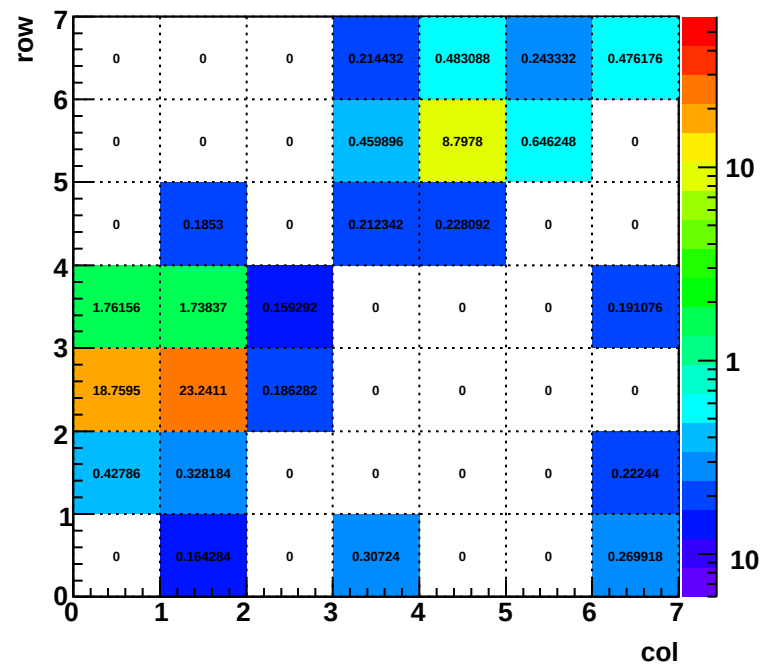
spcntH

Entries	198
Mean	0.202
RMS	0.9794

North FPD



South FPD



199) Rnum=7125067 EventN=1509349 (1 Yu-N[+])

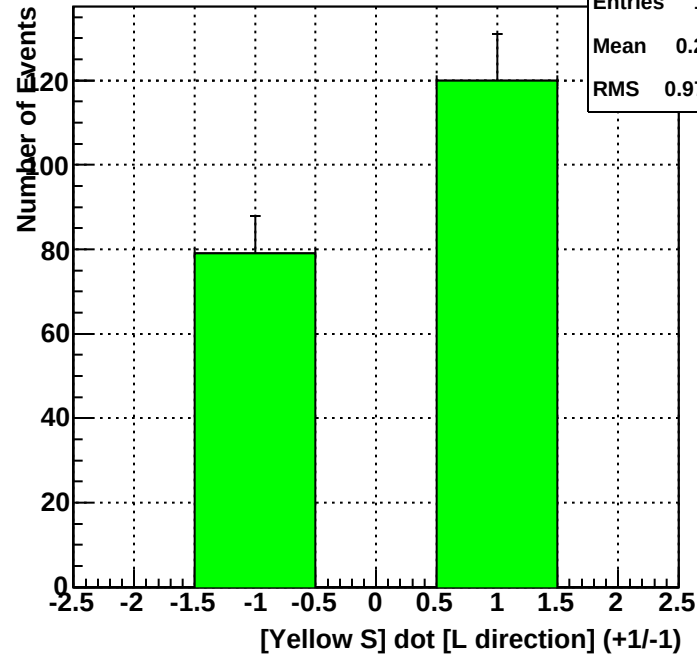
(1) Energy=51.545021 Y=-3.859661 Phi=-0.045015

(2) Energy=9.334105 Y=-3.434174 Phi=0.162420

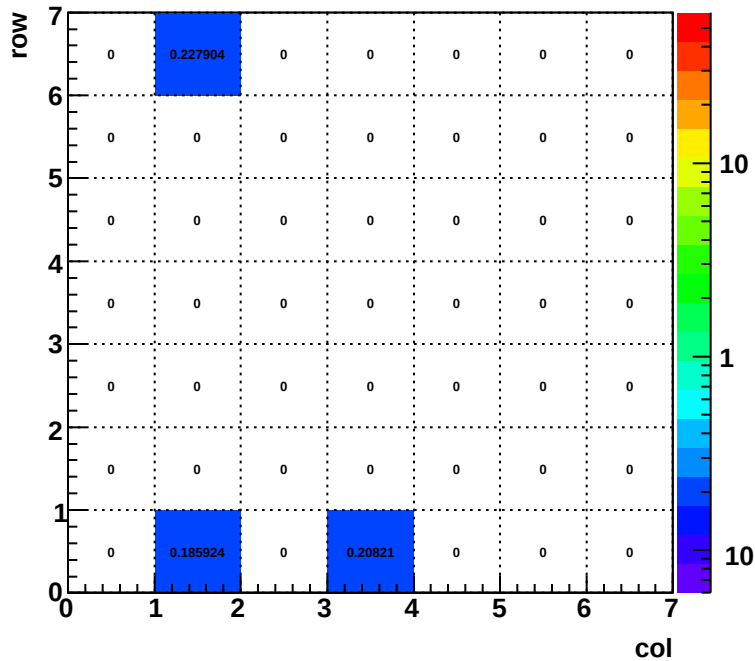
M12=0.544 Y12=-3.785 Phi12=-0.000 E12=60.879

SumN(-) = 79 SumN(+)= 120 AN/6=0.343

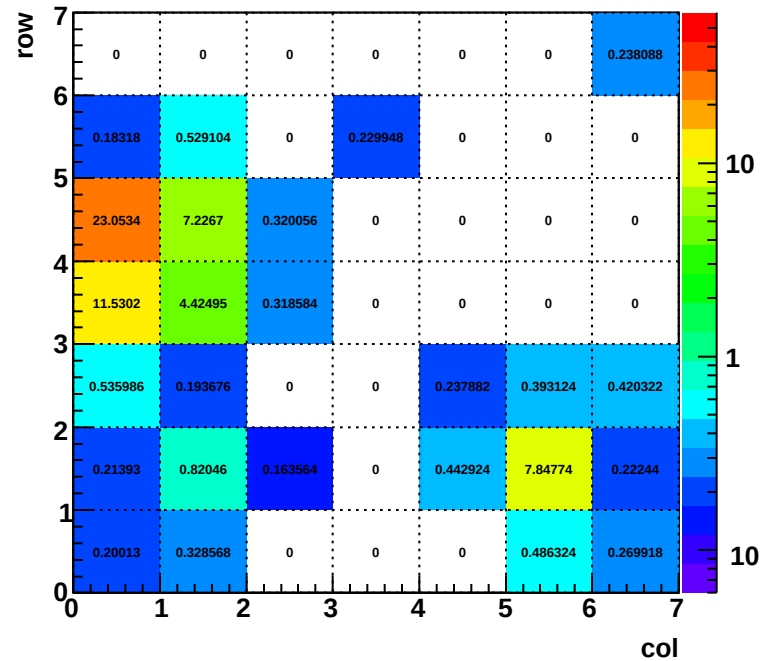
Running Yellow Spin Accumulation



North FPD



South FPD



200) Rnum=7125069 EventN=906159 (0 Yd-S[+])

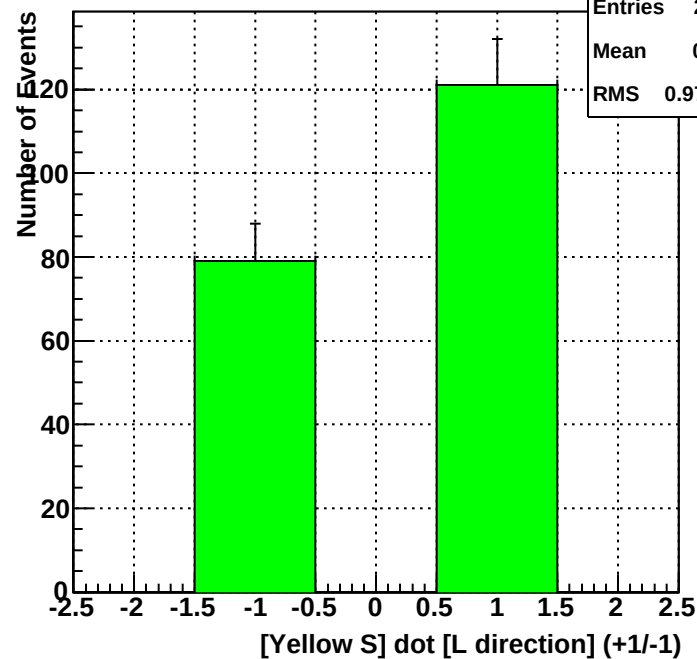
(1) Energy=36.712181 Y=-3.866151 Phi=3.124893

(2) Energy=23.602129 Y=-3.485515 Phi=-3.127900

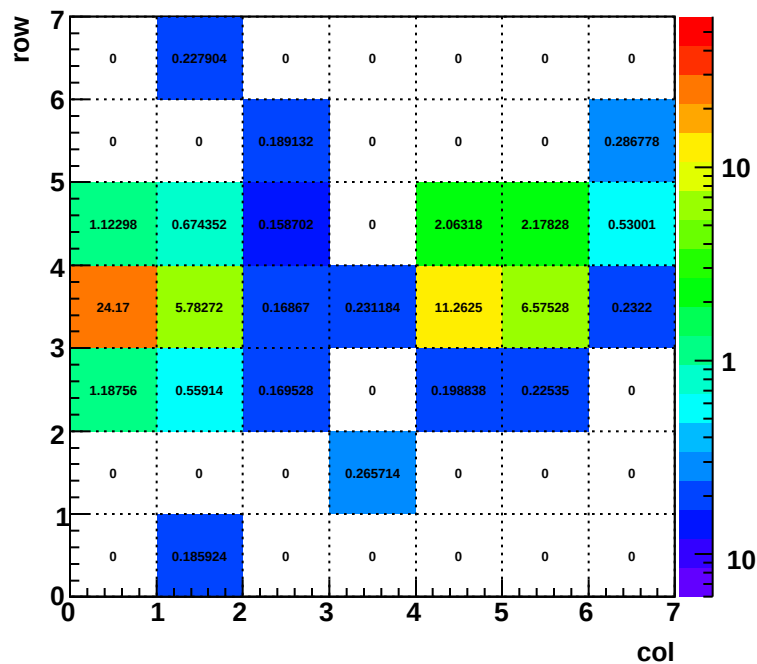
M12=0.572 Y12=-3.700 Phi12=3.140 E12=60.314

SumN(-) = 79 SumN(+)= 121 AN/6=0.350

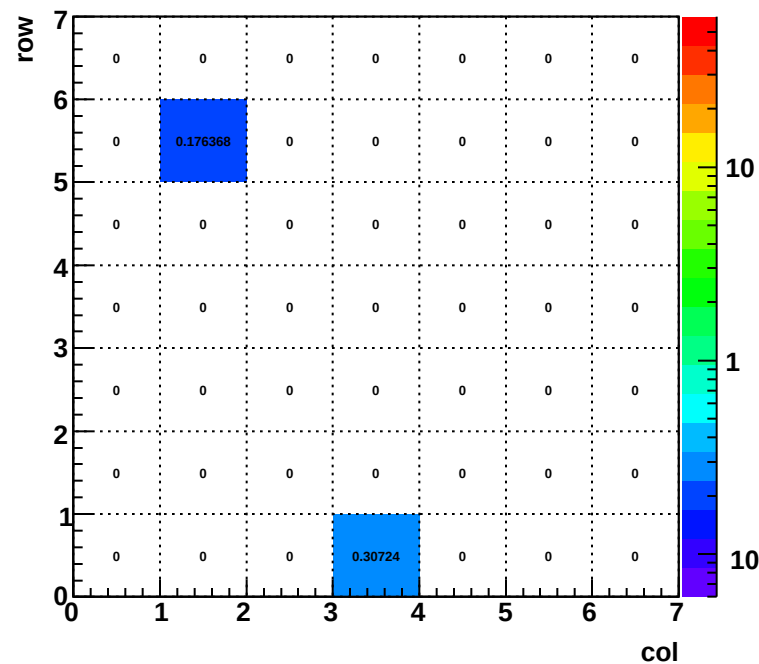
Running Yellow Spin Accumulation



North FPD



South FPD



201) Rnum=7126008 EventN=3303009 (0 Yd-S[+])

(1) Energy=36.392860 Y=-3.703228 Phi=2.976939

(2) Energy=32.326843 Y=-3.481676 Phi=3.095100

M12=0.475 Y12=-3.595 Phi12=3.039 E12=68.720

SumN(-) = 79 SumN(+)= 122 AN/6=0.357

201) Rnum=7126008 EventN=3303009 (0 Yd-S[+])

(1) Energy=36.392860 Y=-3.703228 Phi=2.976939

(2) Energy=32.326843 Y=-3.481676 Phi=3.095100

M12=0.475 Y12=-3.595 Phi12=3.039 E12=68.720

SumN(-) = 79 SumN(+)= 122 AN/6=0.357

201) Rnum=7126008 EventN=3303009 (0 Yd-S[+])

(1) Energy=36.392860 Y=-3.703228 Phi=2.976939

(2) Energy=32.326843 Y=-3.481676 Phi=3.095100

M12=0.475 Y12=-3.595 Phi12=3.039 E12=68.720

SumN(-) = 79 SumN(+)= 122 AN/6=0.357

201) Rnum=7126008 EventN=3303009 (0 Yd-S[+])

(1) Energy=36.392860 Y=-3.703228 Phi=2.976939

(2) Energy=32.326843 Y=-3.481676 Phi=3.095100

M12=0.475 Y12=-3.595 Phi12=3.039 E12=68.720

SumN(-) = 79 SumN(+)= 122 AN/6=0.357

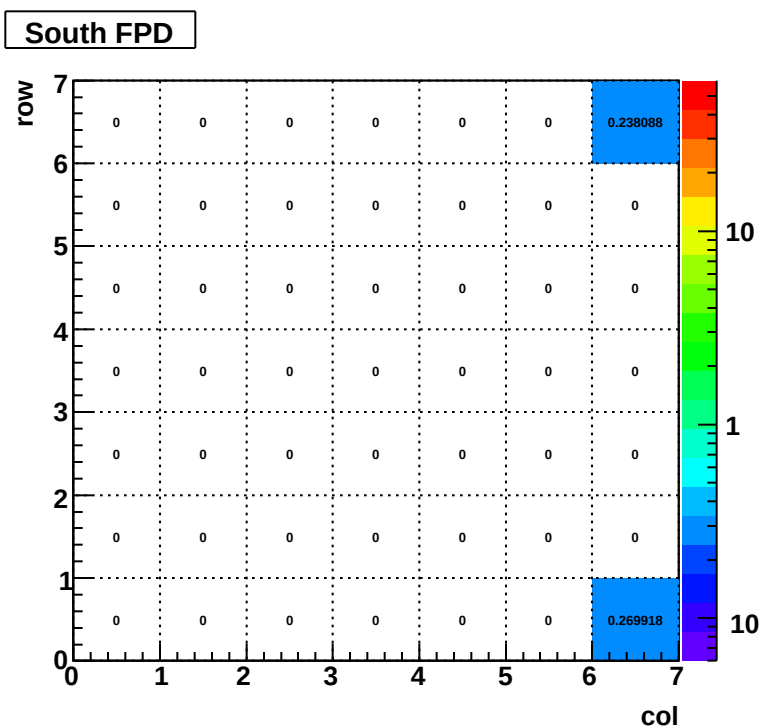
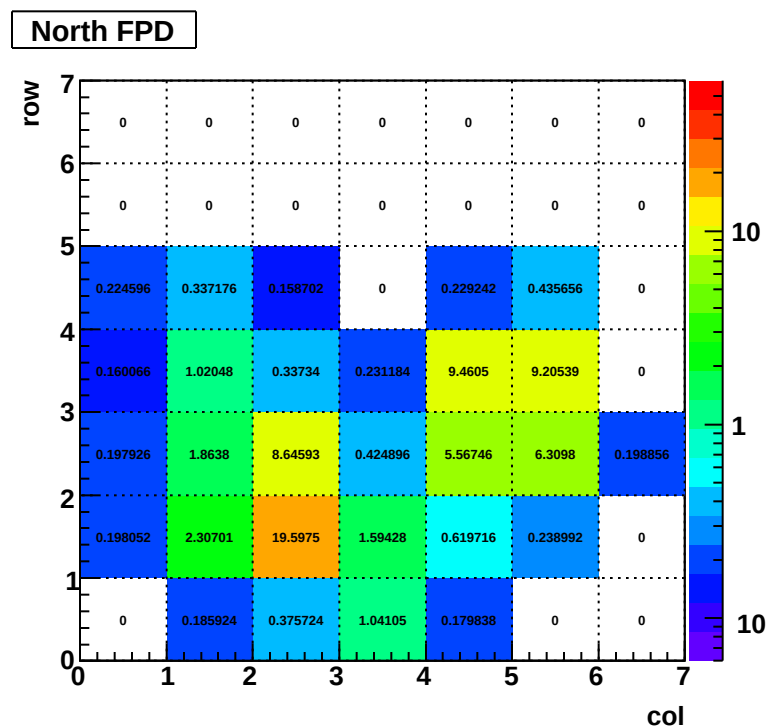
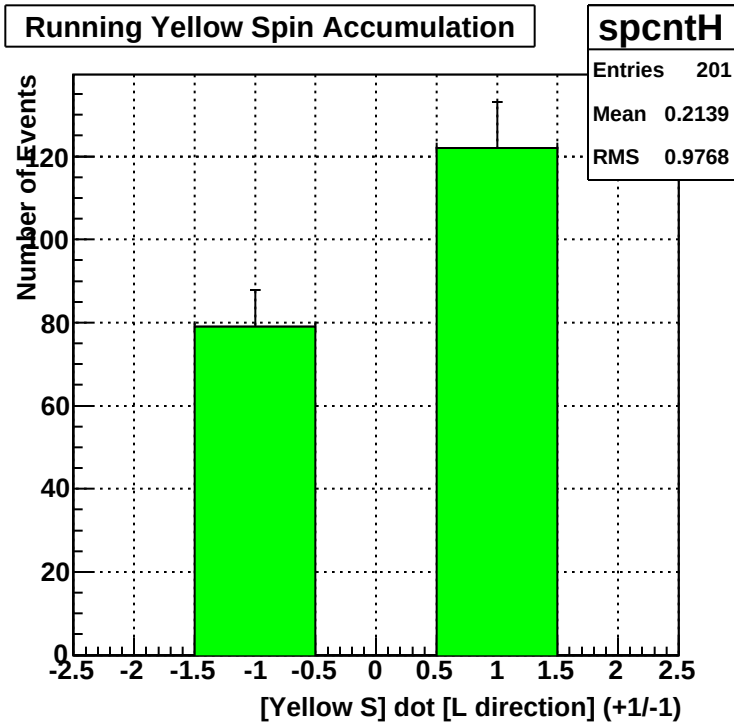
201) Rnum=7126008 EventN=3303009 (0 Yd-S[+])

(1) Energy=36.392860 Y=-3.703228 Phi=2.976939

(2) Energy=32.326843 Y=-3.481676 Phi=3.095100

M12=0.475 Y12=-3.595 Phi12=3.039 E12=68.720

SumN(-) = 79 SumN(+)= 122 AN/6=0.357



202) Rnum=7126008 EventN=403703 (0 Yd-S[+])

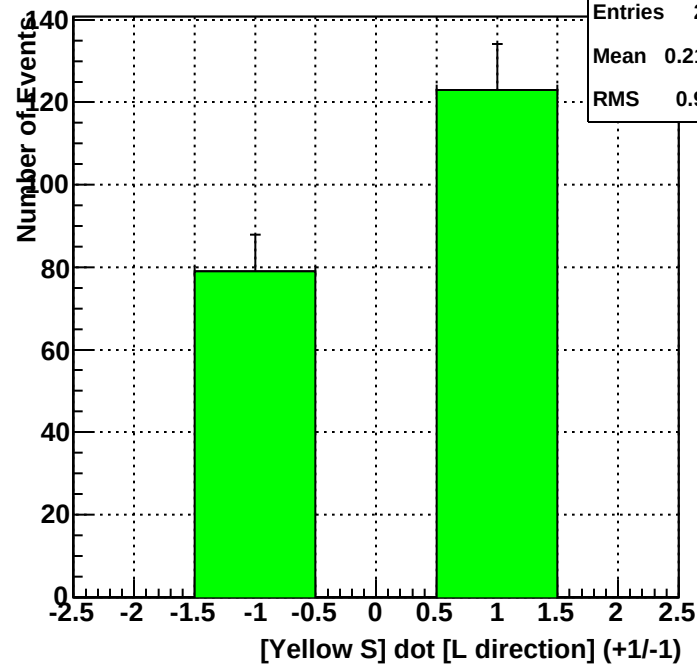
(1) Energy=46.368137 Y=-3.601554 Phi=3.037226

(2) Energy=19.205927 Y=-3.883032 Phi=-2.934112

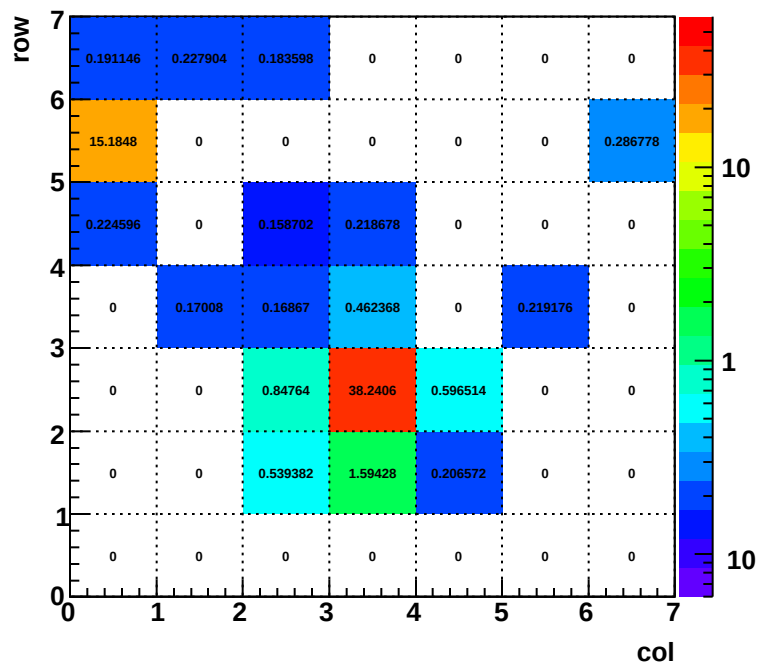
M12=0.594 Y12=-3.685 Phi12=3.111 E12=65.574

SumN(-) = 79 SumN(+)= 123 AN/6=0.363

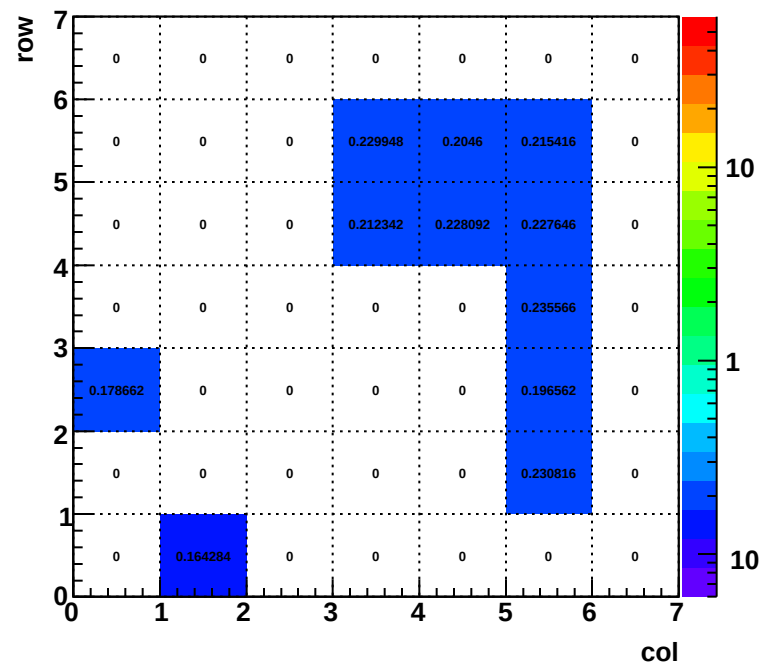
Running Yellow Spin Accumulation



North FPD



South FPD



203) Rnum=7126008 EventN=9609318 (0 Yd-N[-])

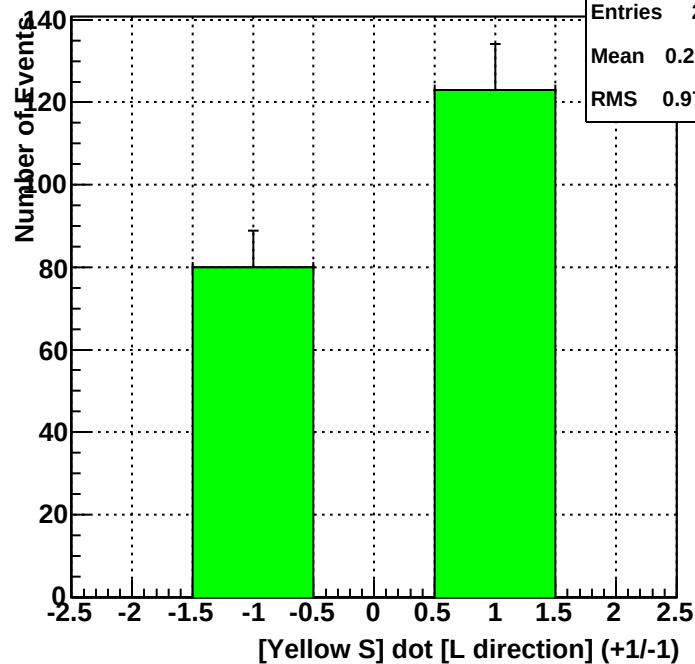
(1) Energy=44.015560 Y=-3.755383 Phi=-0.066078

(2) Energy=16.065821 Y=-3.381362 Phi=0.060281

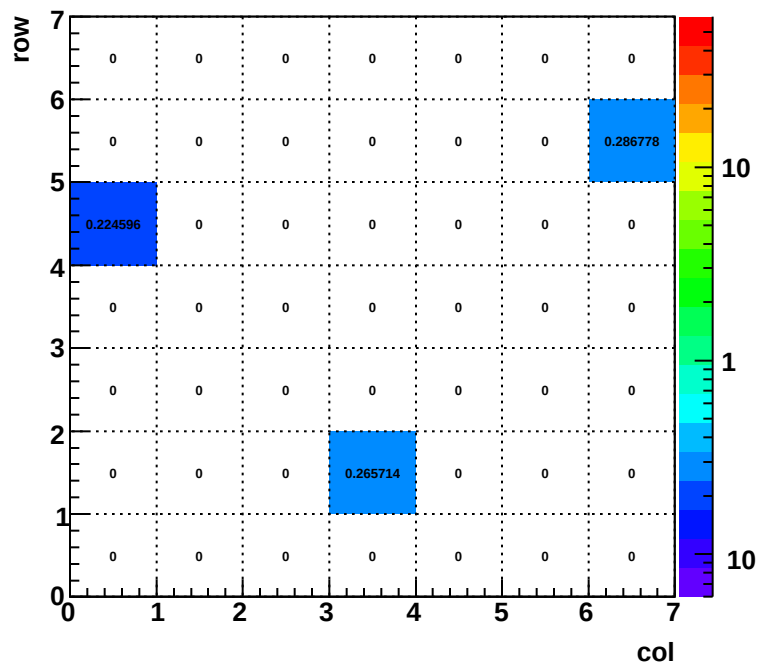
M12=0.595 Y12=-3.643 Phi12=-0.022 E12=60.081

SumN(-) = 80 SumN(+)= 123 AN/6=0.353

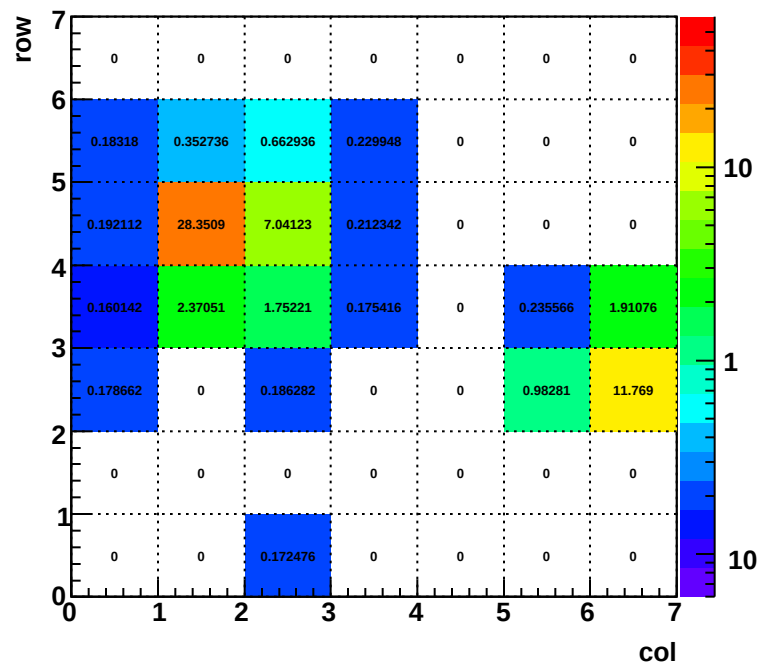
Running Yellow Spin Accumulation



North FPD



South FPD



204) Rnum=7126011 EventN=6500894 (3 Yu-N[+])

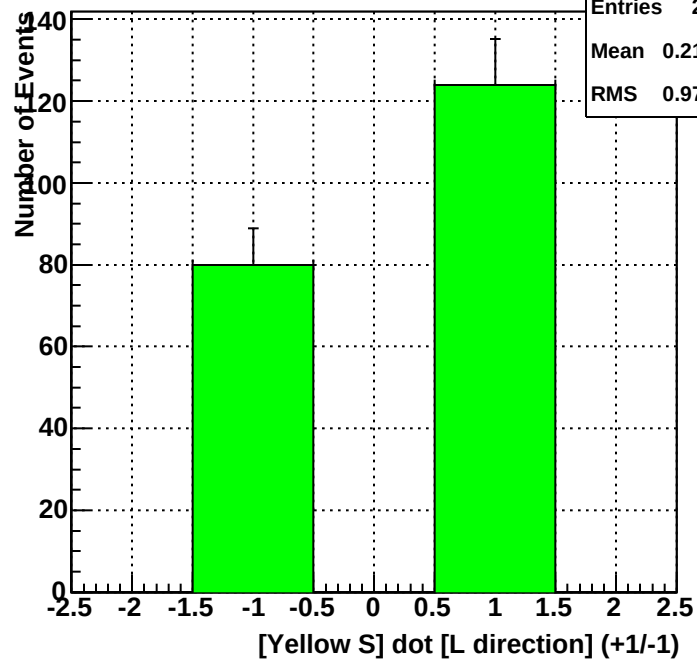
(1) Energy=48.801090 Y=-3.744979 Phi=0.092150

(2) Energy=15.384409 Y=-3.378519 Phi=0.083113

M12=0.573 Y12=-3.644 Phi12=0.089 E12=64.186

SumN(-) = 80 SumN(+)= 124 AN/6=0.359

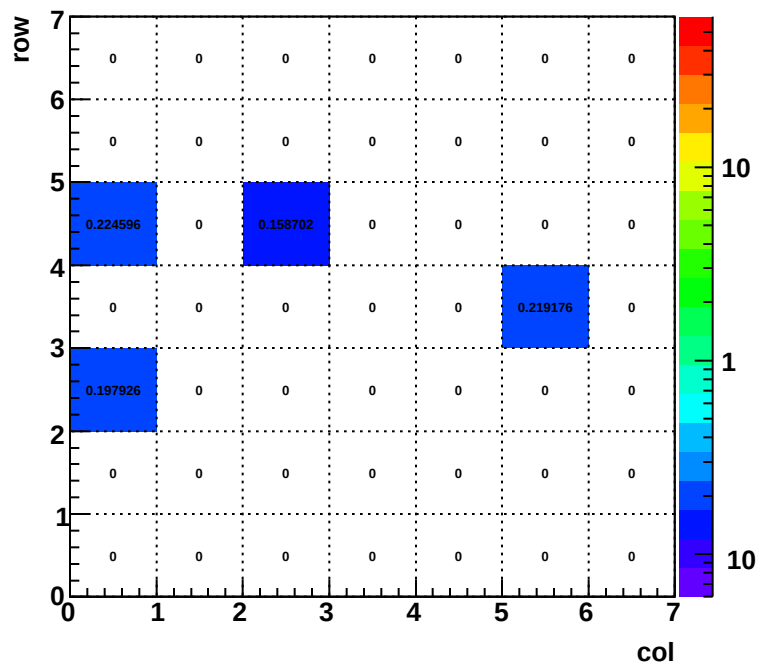
Running Yellow Spin Accumulation



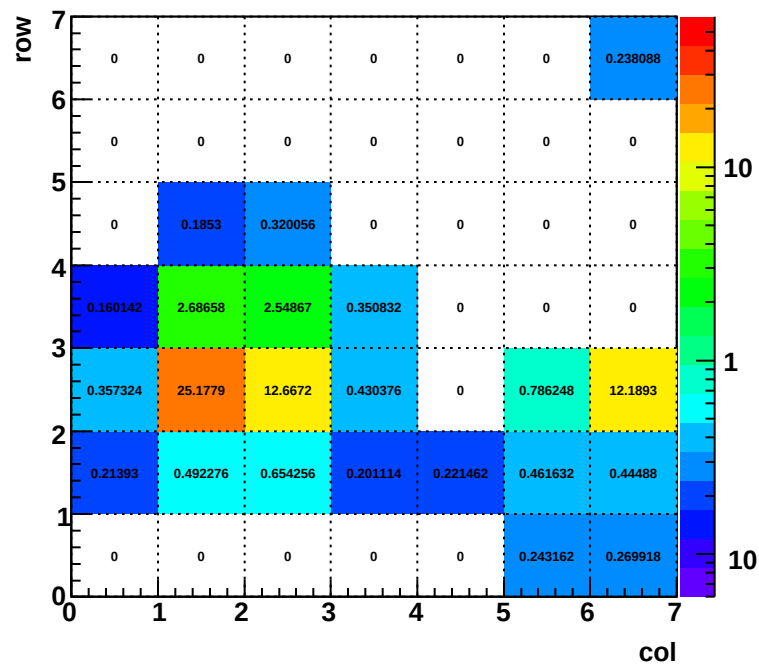
spcntH

Entries	204
Mean	0.2157
RMS	0.9765

North FPD



South FPD



205) Rnum=7126012 EventN=2007895 (1 Yu-S[-])

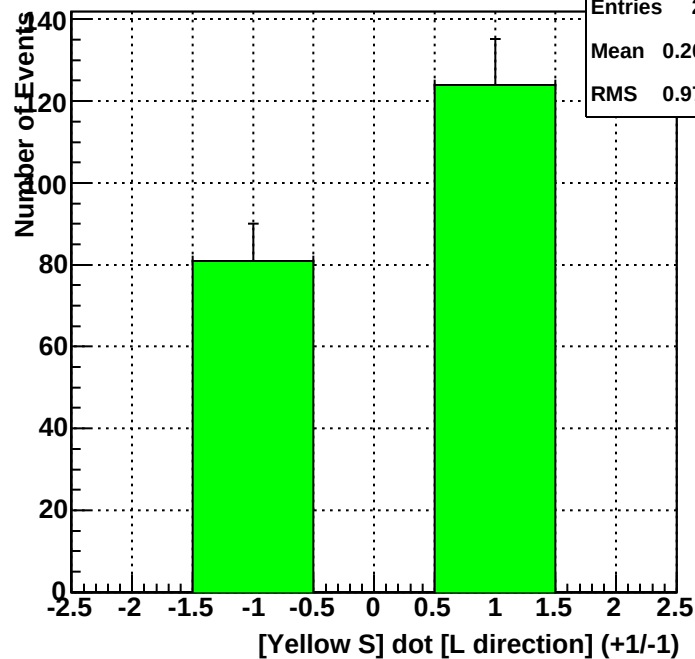
(1) Energy=48.739994 Y=-3.880320 Phi=3.030211

(2) Energy=12.692890 Y=-3.477712 Phi=-2.998534

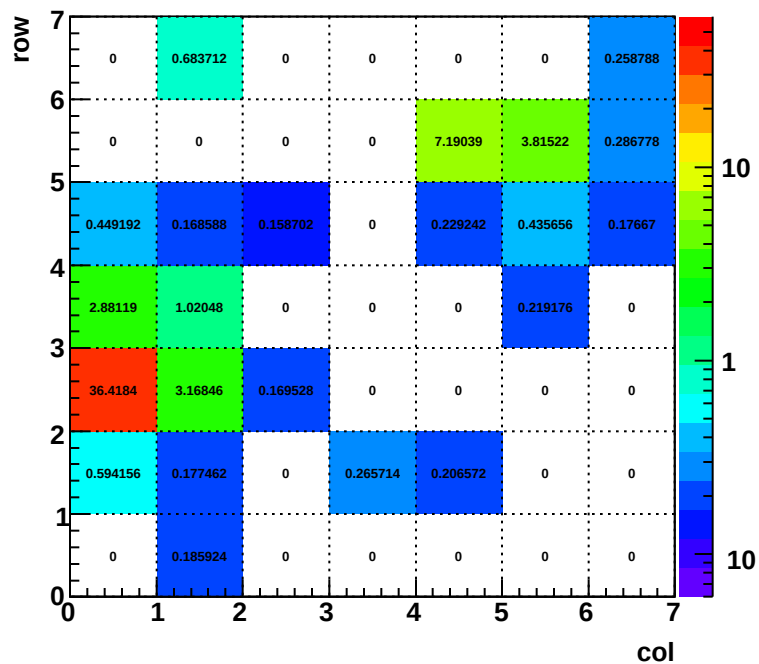
M12=0.600 Y12=-3.789 Phi12=3.101 E12=61.433

SumN(-) = 81 SumN(+)= 124 AN/6=0.350

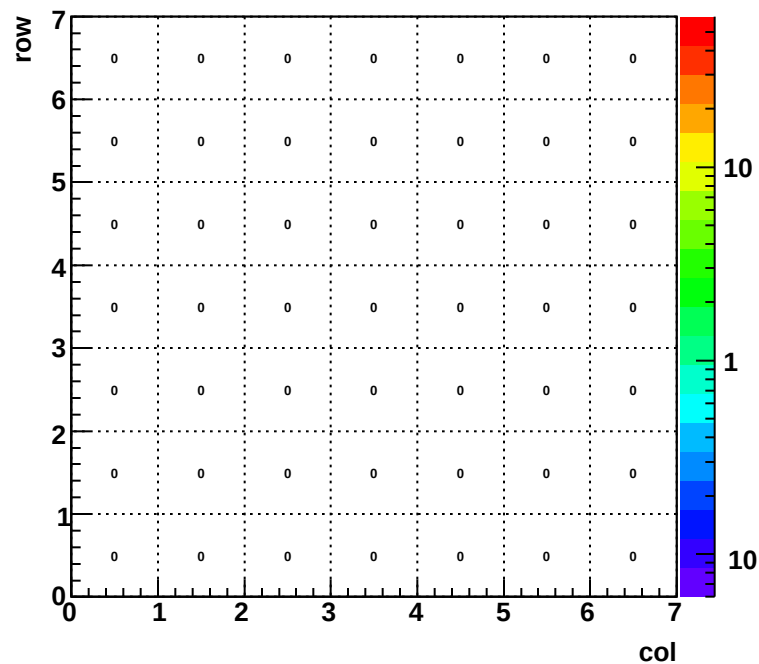
Running Yellow Spin Accumulation



North FPD



South FPD



206) Rnum=7126016 EventN=3202569 (3 Yu-S[-])

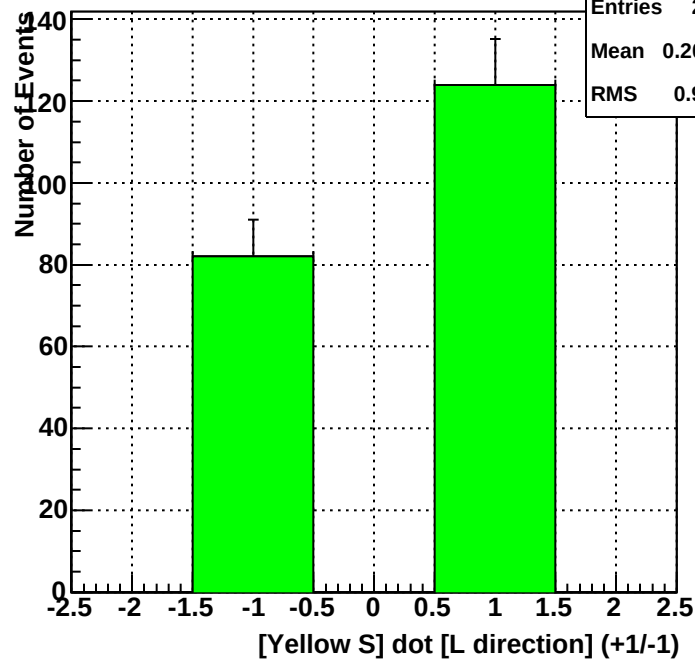
(1) Energy=44.172997 Y=-3.653098 Phi=2.959006

(2) Energy=25.769758 Y=-3.744747 Phi=-3.020707

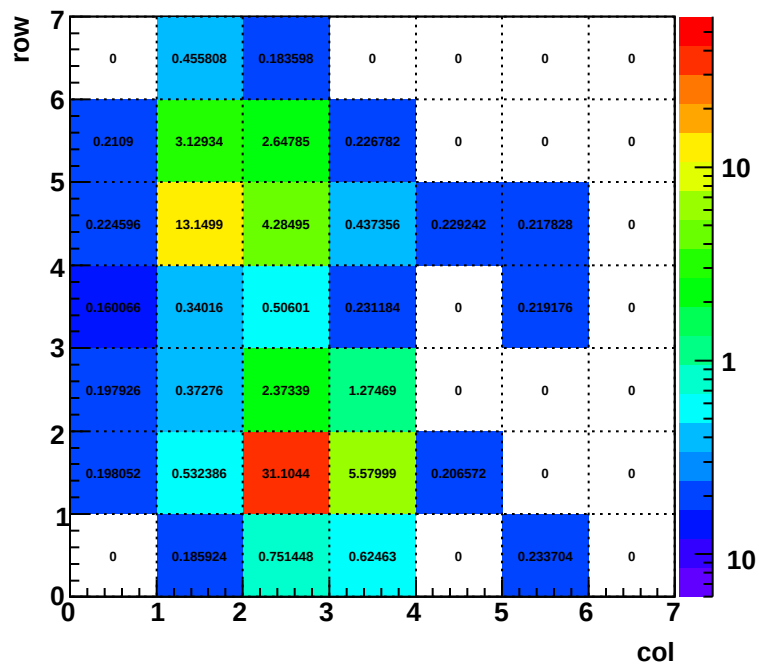
M12=0.527 Y12=-3.696 Phi12=3.064 E12=69.943

SumN(-) = 82 SumN(+)= 124 AN/6=0.340

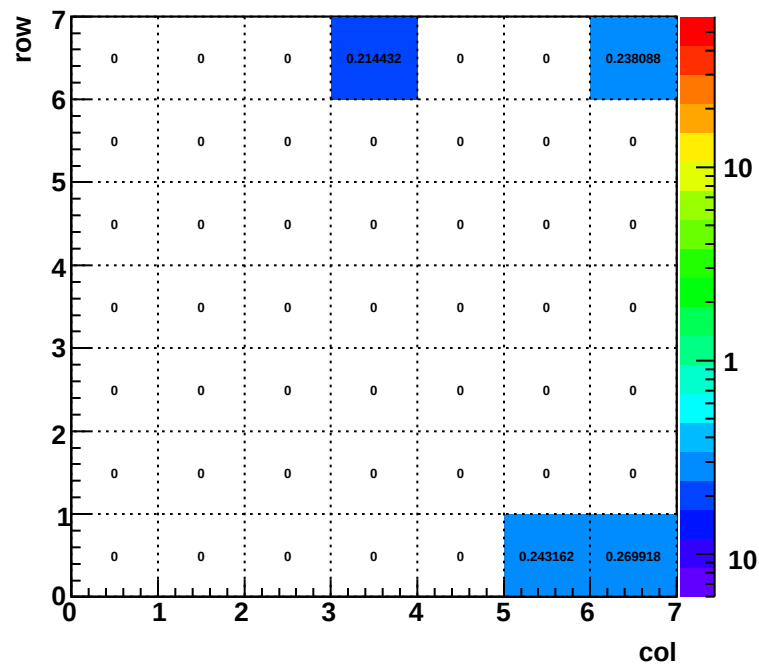
Running Yellow Spin Accumulation



North FPD



South FPD



207) Rnum=7126016 EventN=4008422 (2 Yd-N[-])

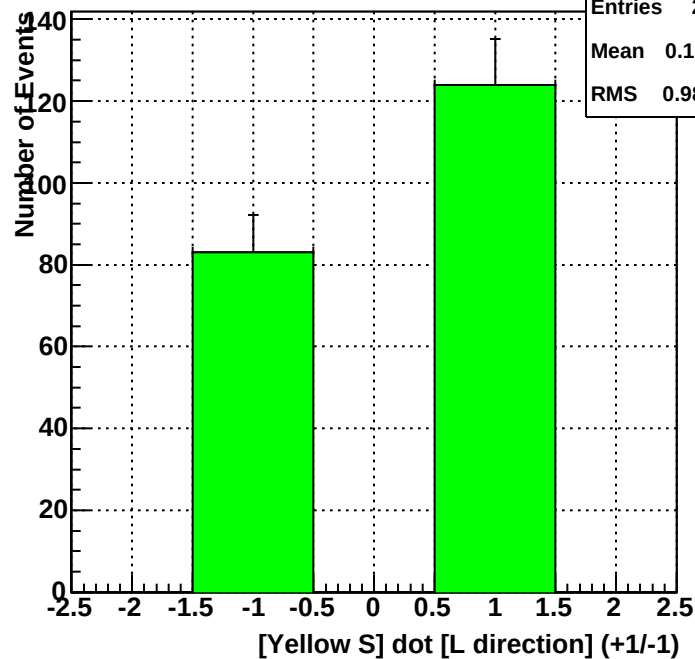
(1) Energy=34.422127 Y=-3.712230 Phi=0.031000

(2) Energy=28.112196 Y=-3.532832 Phi=-0.239321

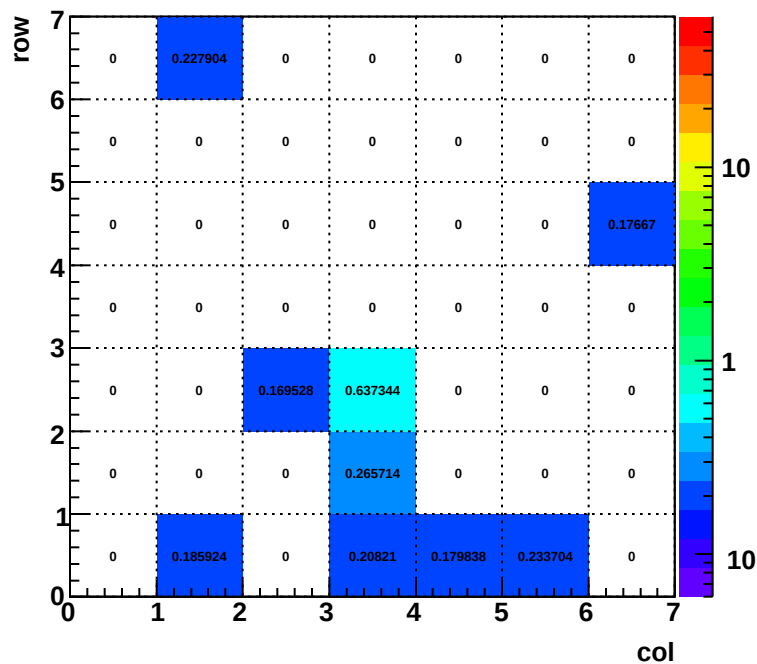
M12=0.538 Y12=-3.637 Phi12=-0.103 E12=62.534

SumN(-) = 83 SumN(+)= 124 AN/6=0.330

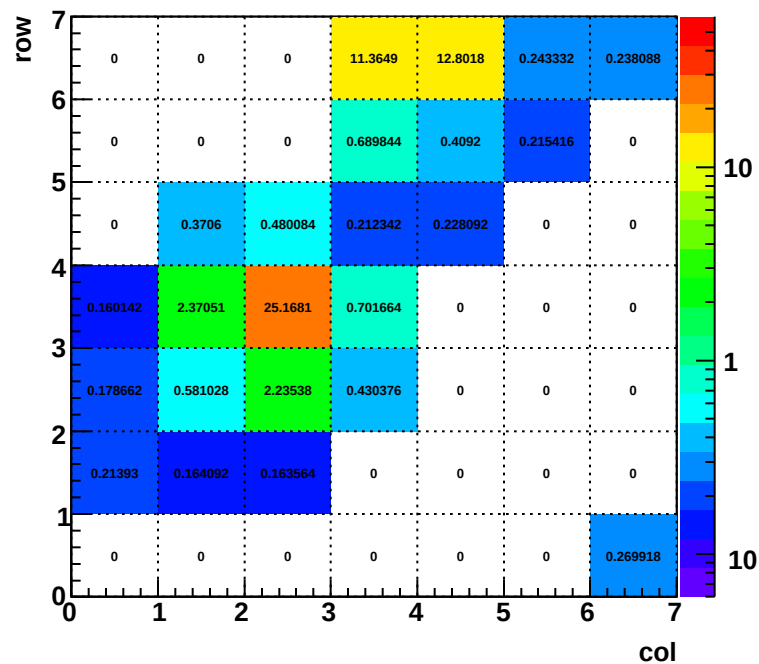
Running Yellow Spin Accumulation



North FPD



South FPD



208) Rnum=7126016 EventN=8202673 (0 Yd-S[+])

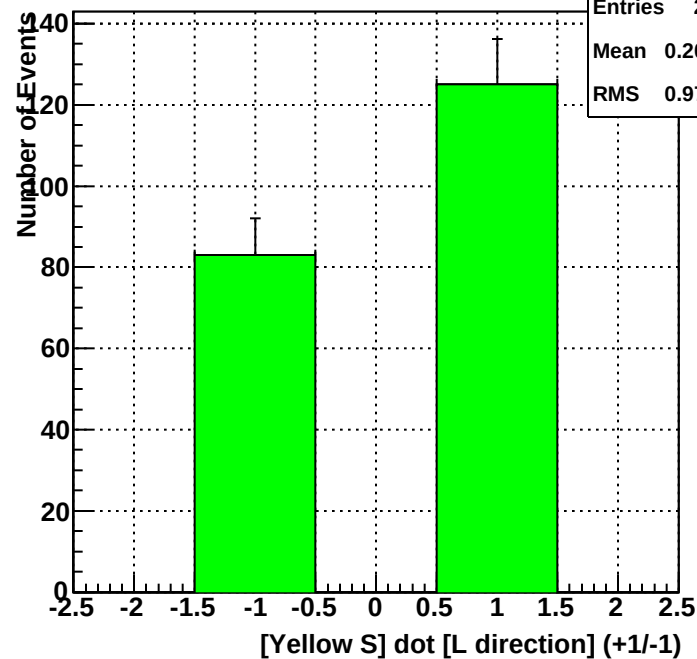
(1) Energy=45.934101 Y=-3.759520 Phi=-3.067800

(2) Energy=18.257664 Y=-3.798011 Phi=2.843429

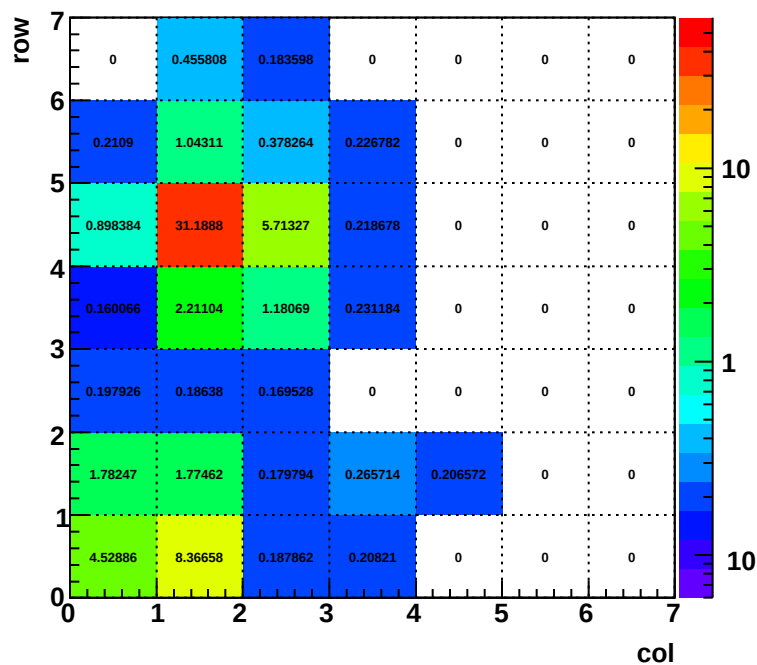
M12=0.492 Y12=-3.784 Phi12=3.113 E12=64.192

SumN(-) = 83 SumN(+)= 125 AN/6=0.337

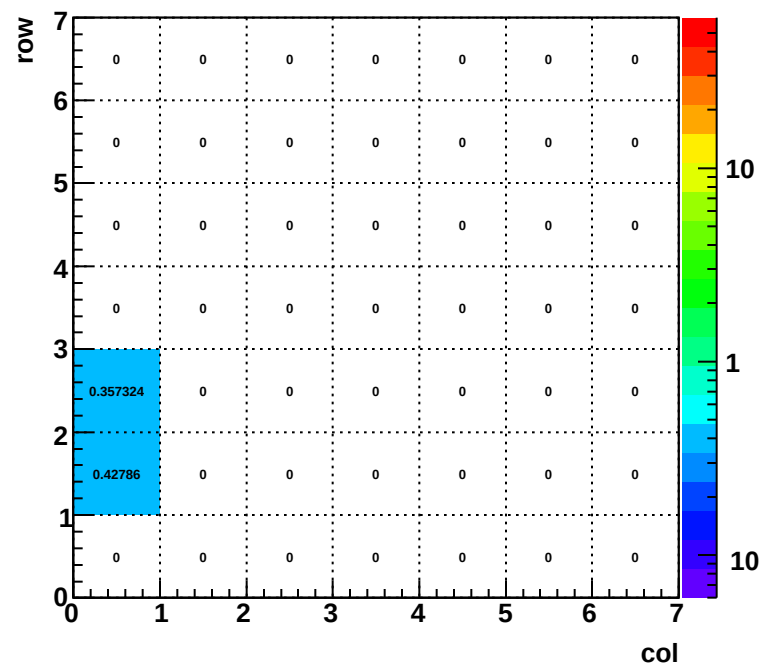
Running Yellow Spin Accumulation



North FPD



South FPD



209) Rnum=7126016 EventN=8706934 (1 Yu-N[+])

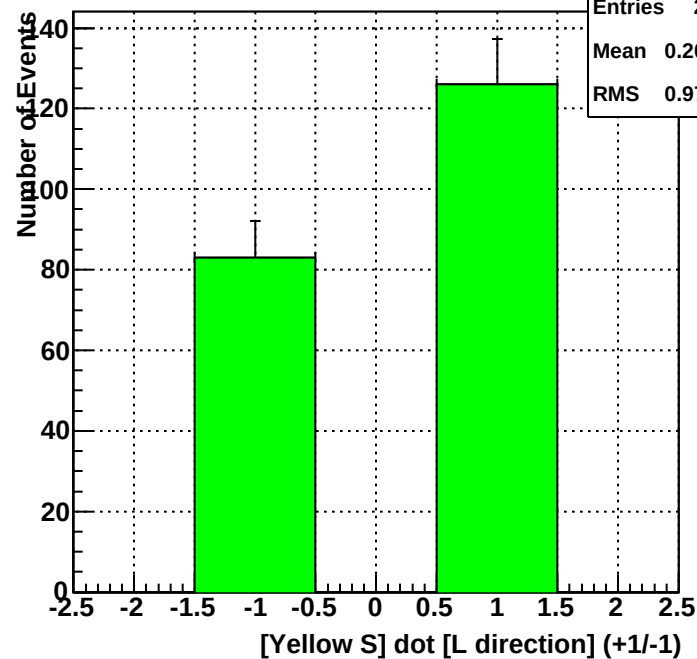
(1) Energy=37.546623 Y=-3.926138 Phi=-0.071053

(2) Energy=23.326597 Y=-3.497205 Phi=-0.087994

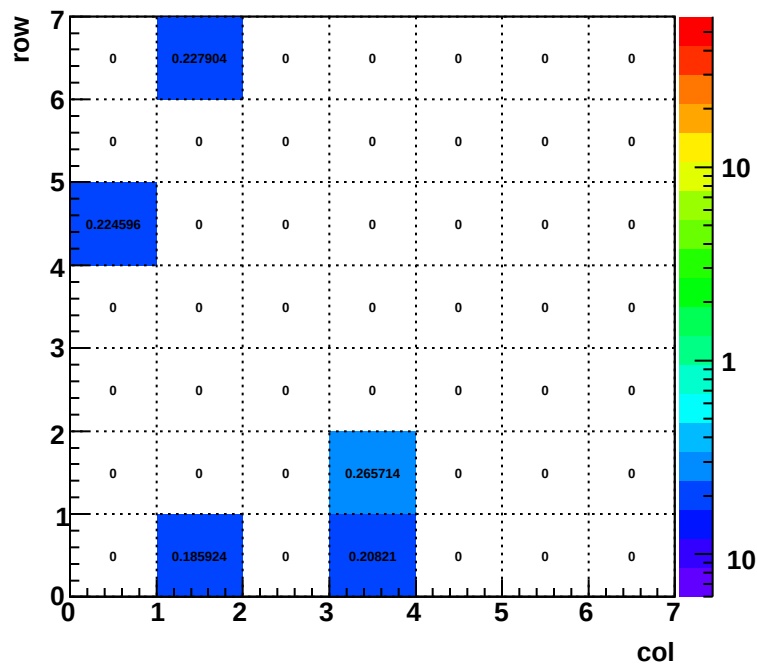
M12=0.625 Y12=-3.740 Phi12=-0.079 E12=60.873

SumN(-) = 83 SumN(+)= 126 AN/6=0.343

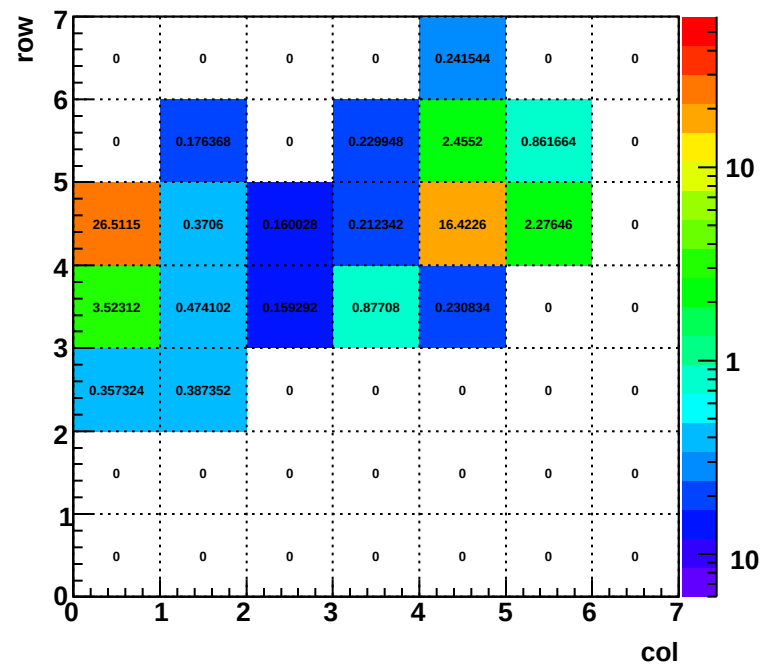
Running Yellow Spin Accumulation



North FPD



South FPD



210) Rnum=7126019 EventN=405993 (2 Yd-S[+])

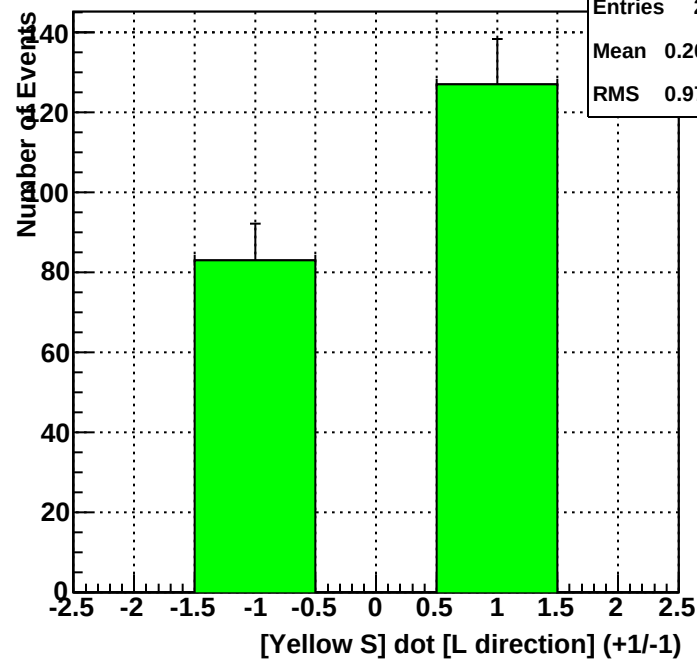
(1) Energy=48.537109 Y=-3.864700 Phi=2.987820

(2) Energy=12.483698 Y=-3.480693 Phi=-2.983215

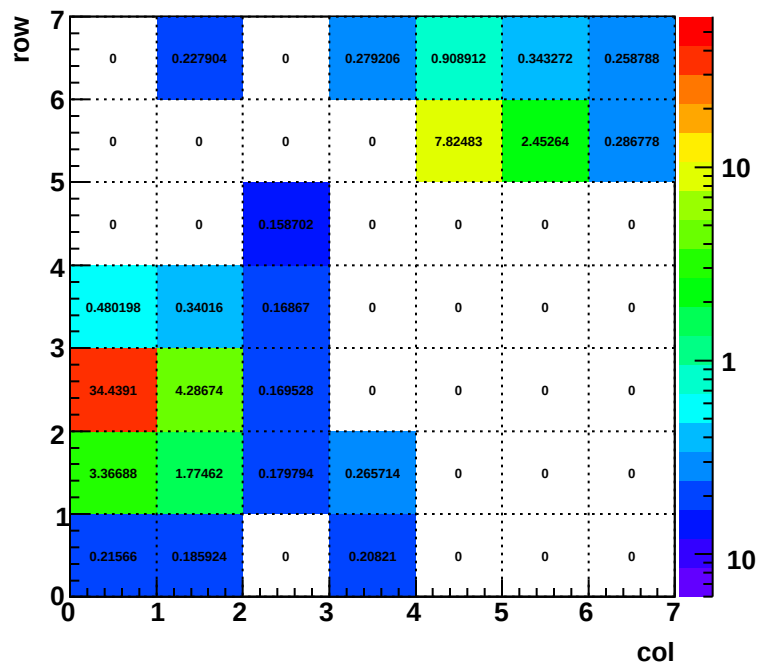
M12=0.620 Y12=-3.783 Phi12=3.073 E12=61.021

SumN(-) = 83 SumN(+)= 127 AN/6=0.349

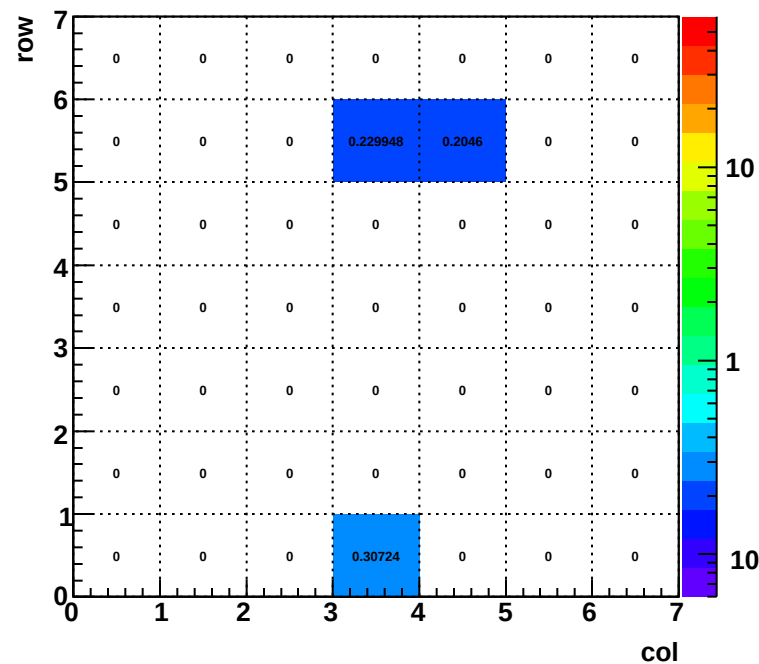
Running Yellow Spin Accumulation



North FPD



South FPD



211) Rnum=7126019 EventN=1500196 (2 Yd-S[+])

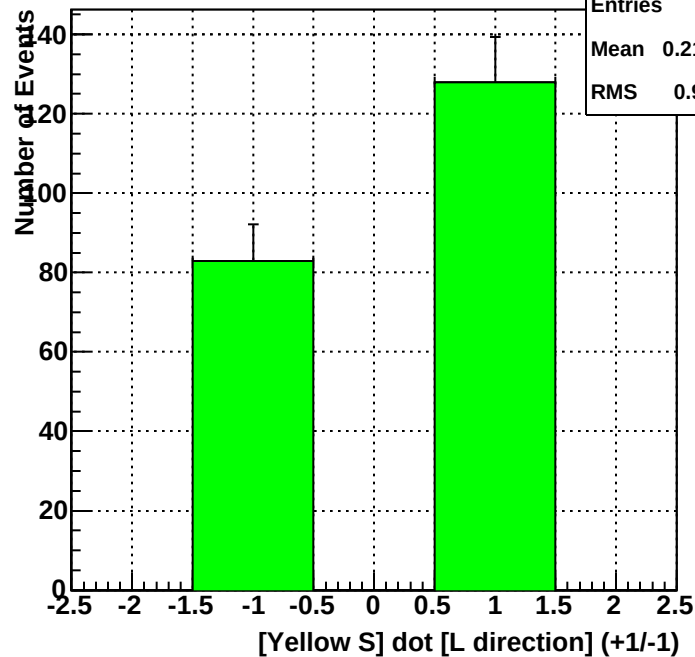
(1) Energy=38.349781 Y=-3.545764 Phi=3.104358

(2) Energy=26.257629 Y=-3.916160 Phi=-3.119026

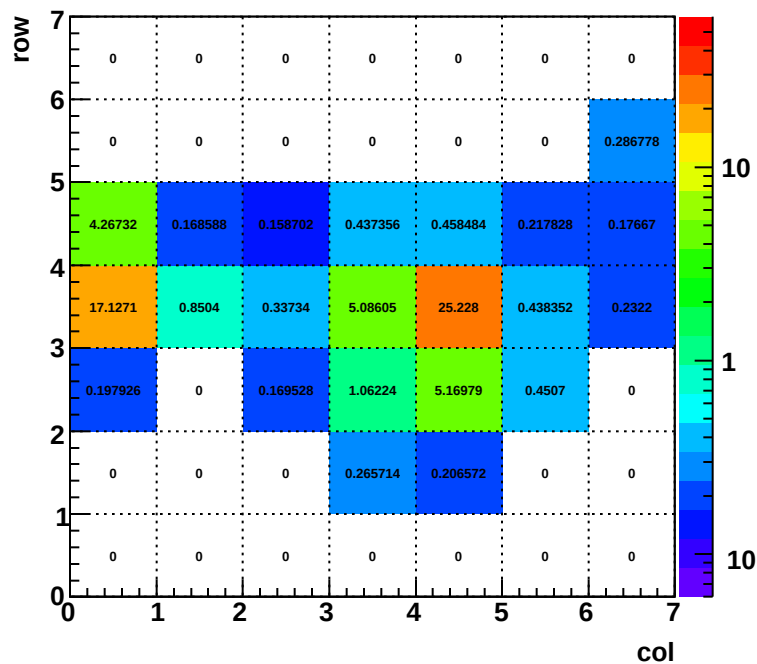
M12=0.574 Y12=-3.681 Phi12=3.124 E12=64.607

SumN(-) = 83 SumN(+)= 128 AN/6=0.355

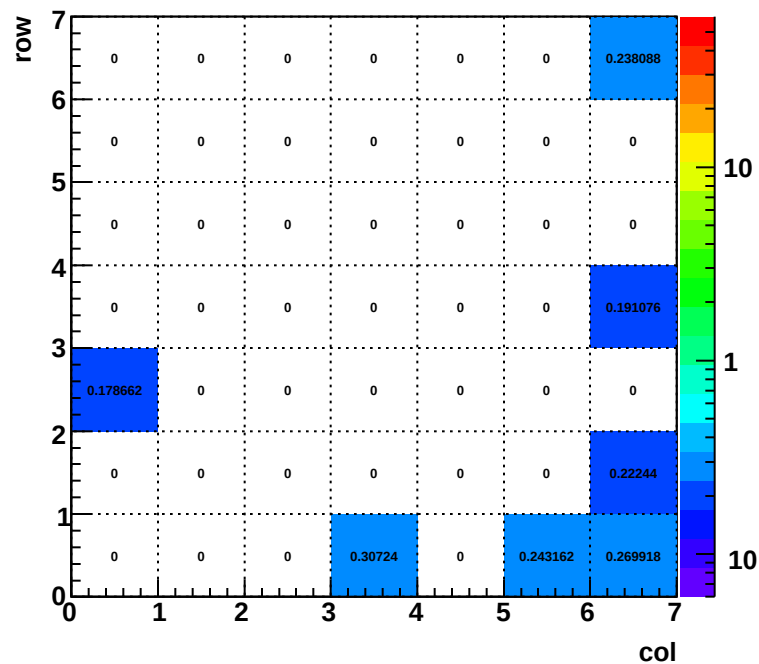
Running Yellow Spin Accumulation



North FPD



South FPD



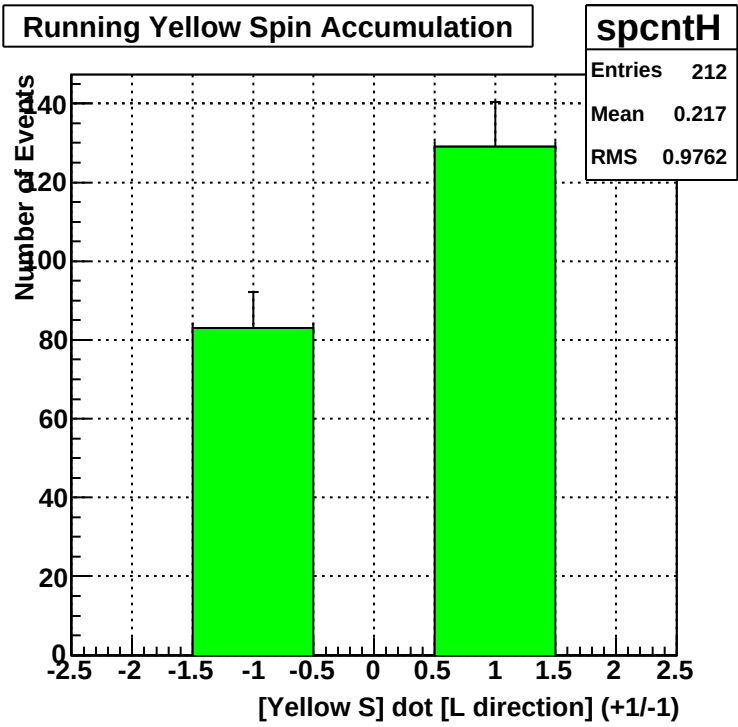
212) Rnum=7126022 EventN=4206627 (0 Yd-S[+])

(1) Energy=35.766541 Y=-3.509666 Phi=3.007299

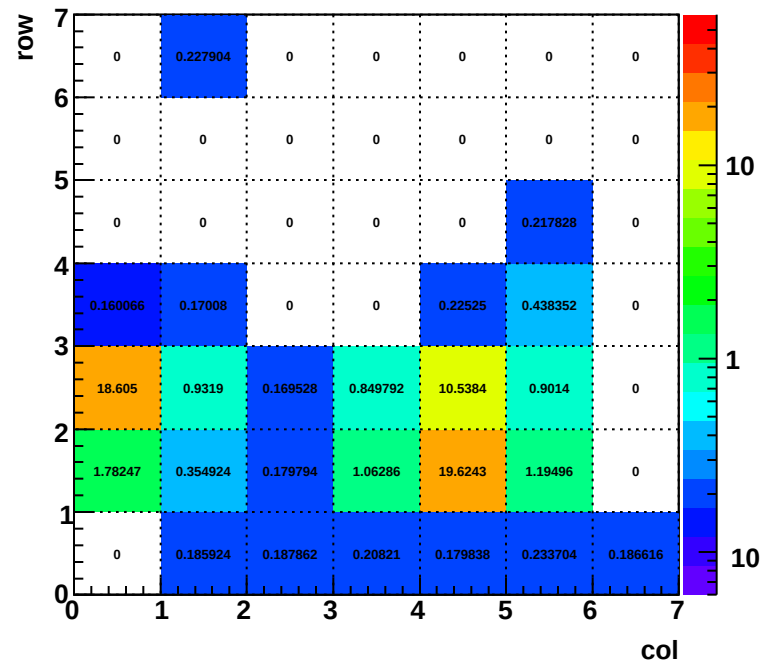
(2) Energy=24.669436 Y=-3.888966 Phi=2.985837

M12=0.561 Y12=-3.648 Phi12=3.000 E12=60.436

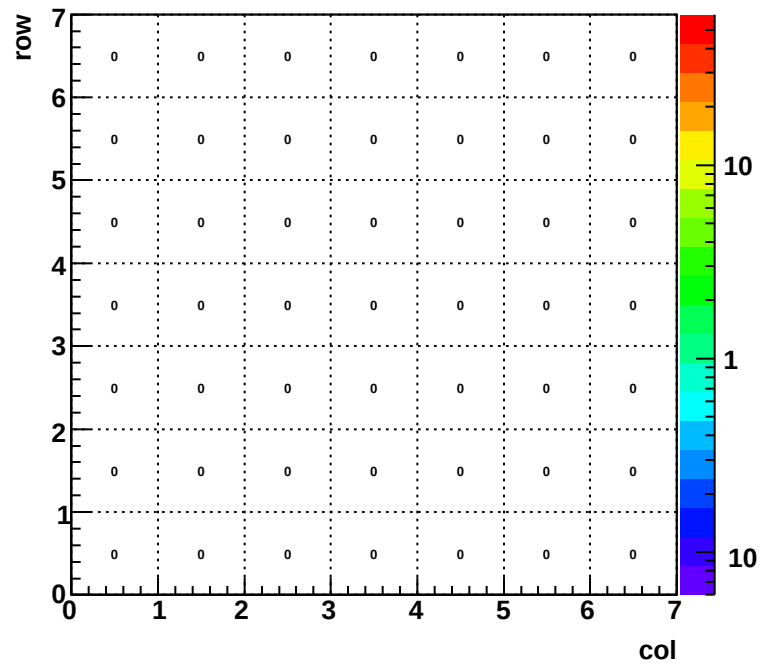
SumN(-) = 83 SumN(+)= 129 AN/6=0.362



North FPD



South FPD



213) Rnum=7126022 EventN=407887 (3 Yu-S[-])

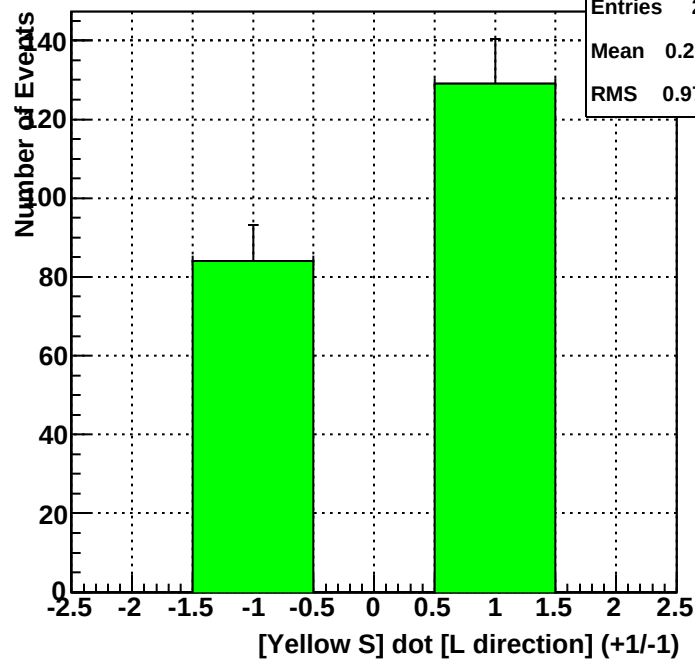
(1) Energy=42.181206 Y=-3.553506 Phi=2.976610

(2) Energy=20.414579 Y=-3.916821 Phi=3.124469

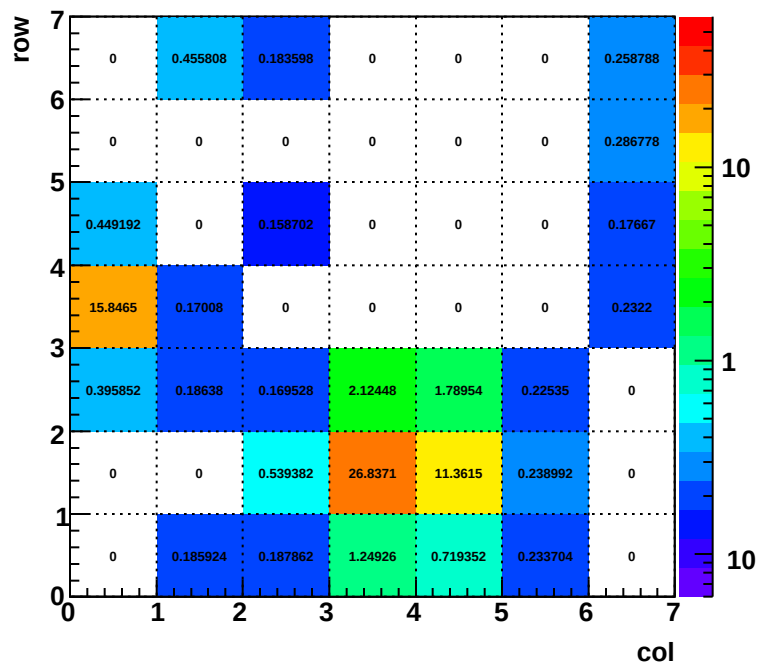
M12=0.552 Y12=-3.660 Phi12=3.014 E12=62.596

SumN(-) = 84 SumN(+)= 129 AN/6=0.352

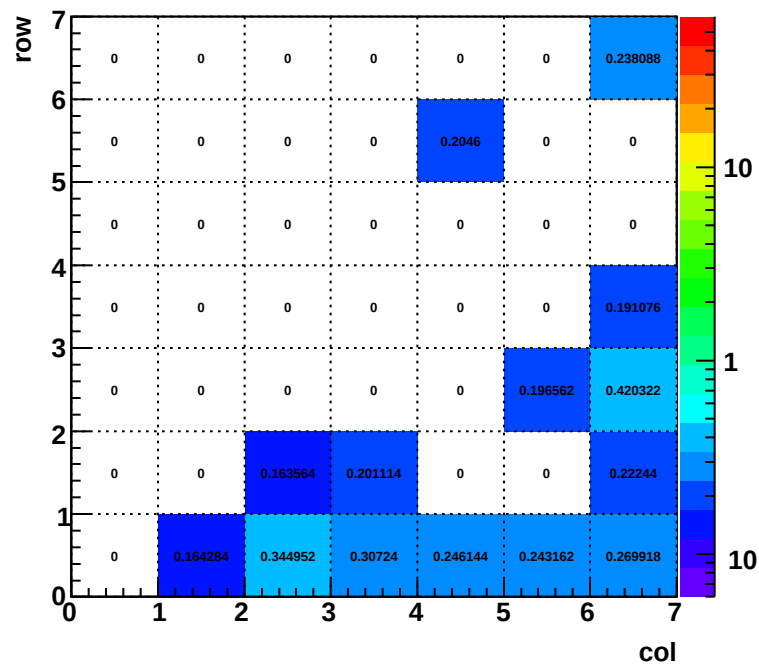
Running Yellow Spin Accumulation



North FPD



South FPD



214) Rnum=7126022 EventN=1306356 (1 Yu-N[+])

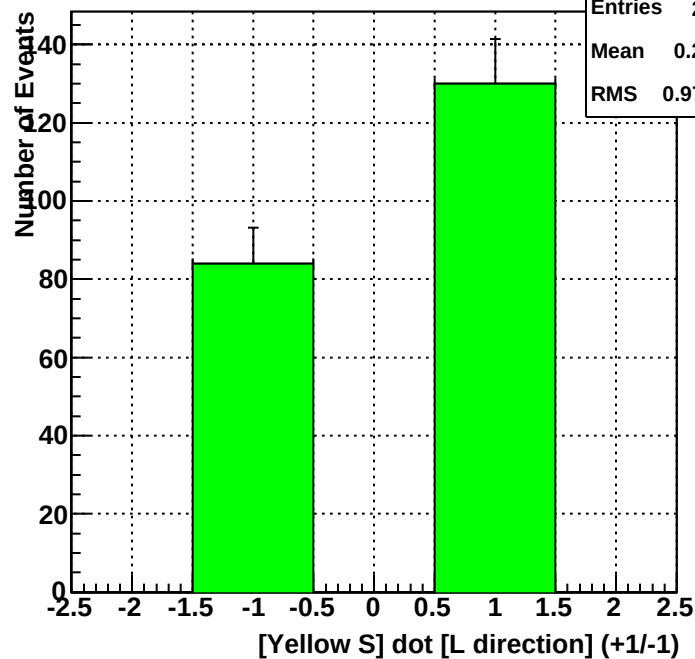
(1) Energy=55.470207 Y=-3.834732 Phi=-0.020983

(2) Energy=7.846356 Y=-3.350093 Phi=0.210852

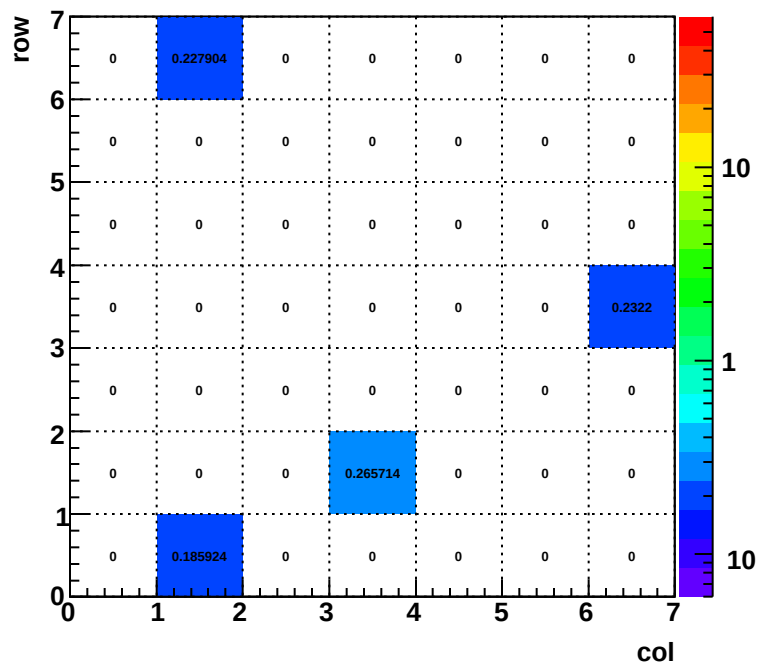
M12=0.621 Y12=-3.764 Phi12=0.022 E12=63.317

SumN(-) = 84 SumN(+)= 130 AN/6=0.358

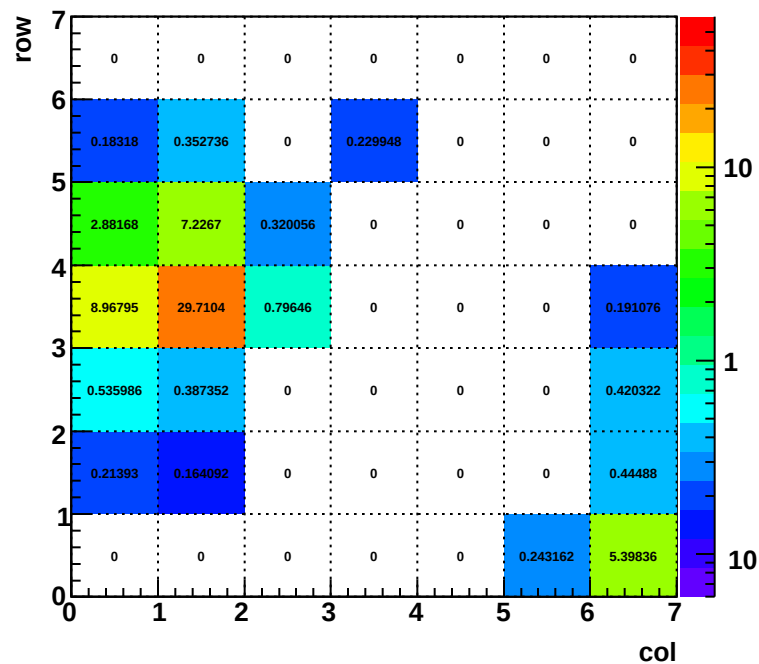
Running Yellow Spin Accumulation



North FPD



South FPD



215) Rnum=7126024 EventN=4408308 (3 Yu-N[+])

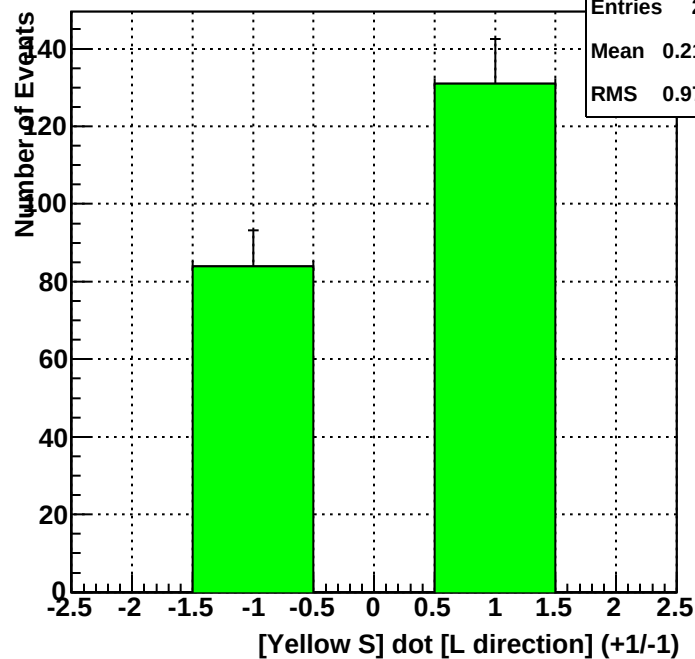
(1) Energy=44.386776 Y=-3.791423 Phi=0.044699

(2) Energy=20.800640 Y=-3.459866 Phi=-0.039361

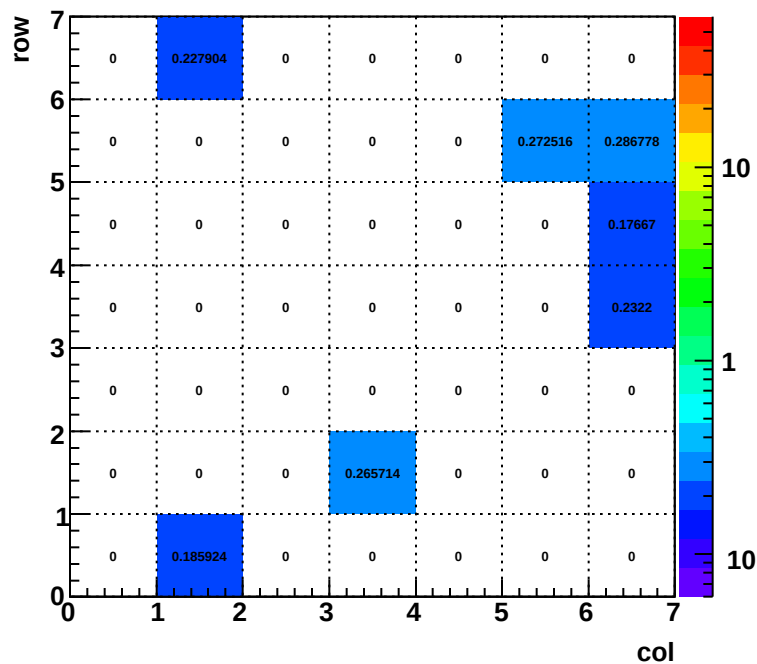
M12=0.556 Y12=-3.674 Phi12=0.012 E12=65.187

SumN(-) = 84 SumN(+)= 131 AN/6=0.364

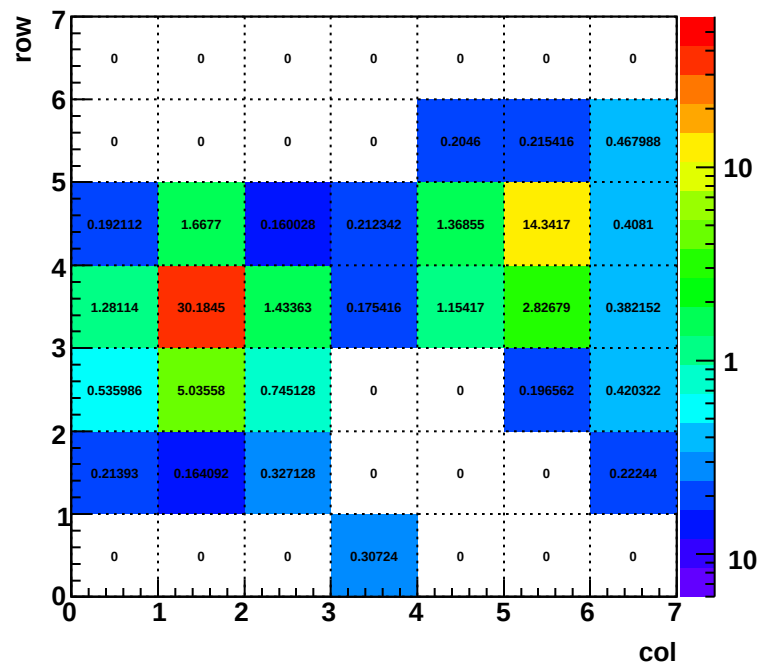
Running Yellow Spin Accumulation



North FPD



South FPD



216) Rnum=7126024 EventN=4809607 (0 Yd-N[-])

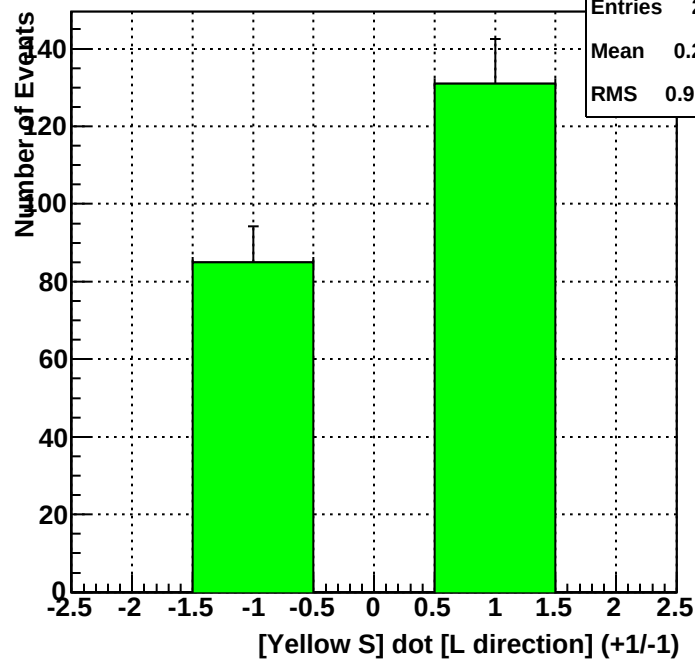
(1) Energy=42.982281 Y=-3.733711 Phi=0.161935

(2) Energy=18.013828 Y=-3.354621 Phi=0.089063

M12=0.624 Y12=-3.607 Phi12=0.134 E12=60.996

SumN(-) = 85 SumN(+)= 131 AN/6=0.355

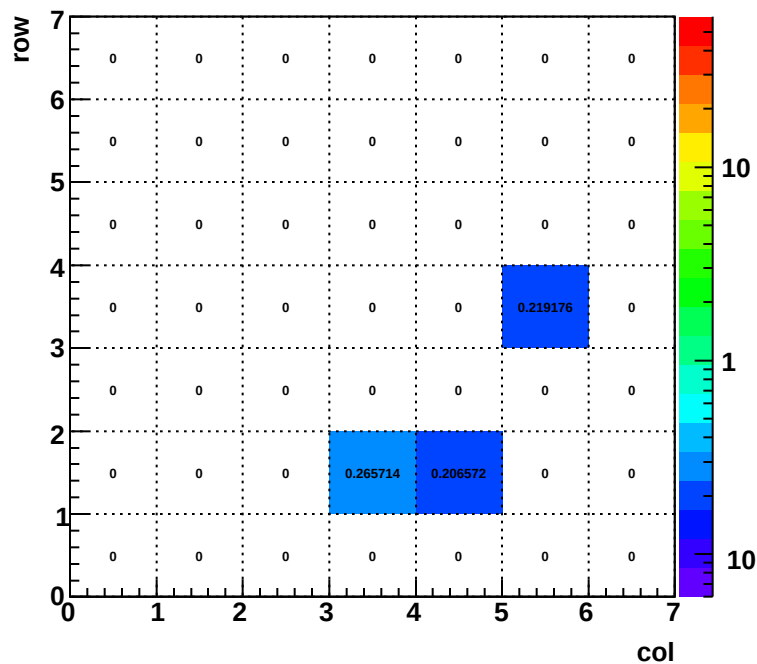
Running Yellow Spin Accumulation



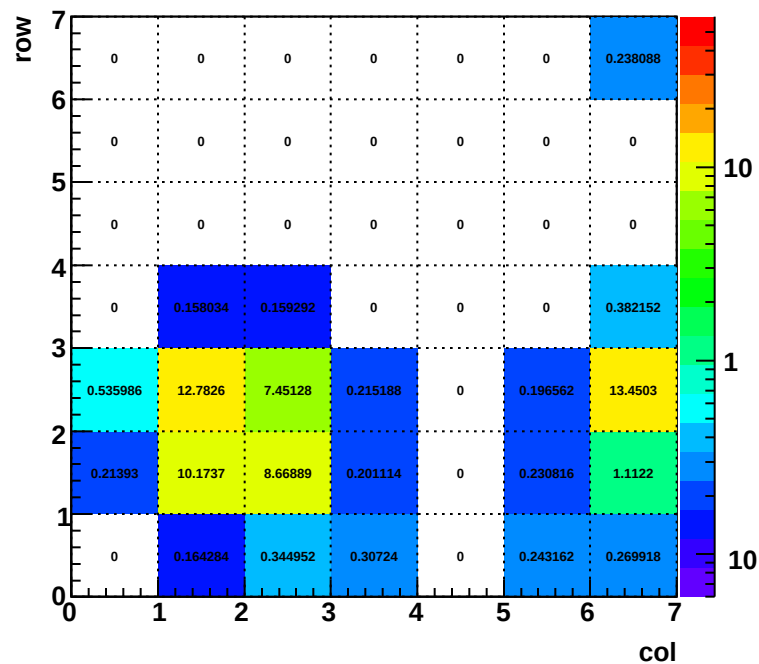
spcntH

Entries	216
Mean	0.213
RMS	0.9771

North FPD



South FPD



217) Rnum=7126024 EventN=5709042 (2 Yd-S[+])

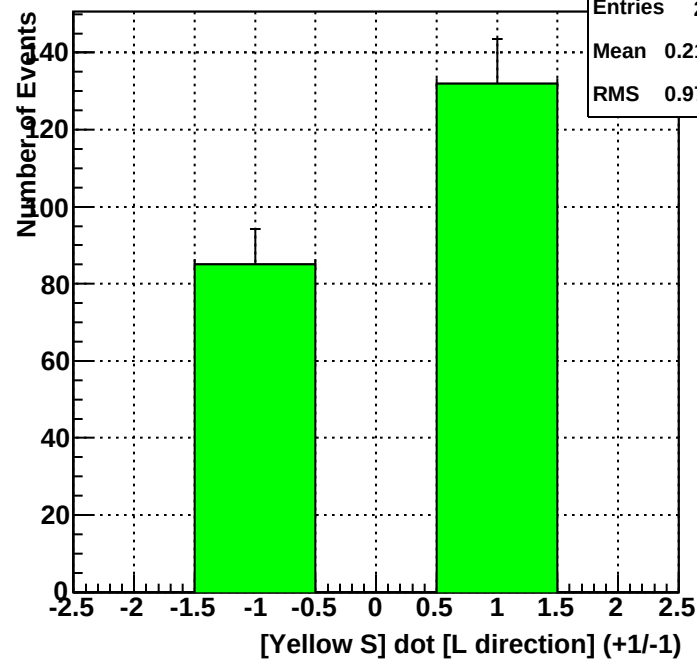
(1) Energy=33.394787 Y=-3.898460 Phi=3.137811

(2) Energy=32.879570 Y=-3.522721 Phi=3.069321

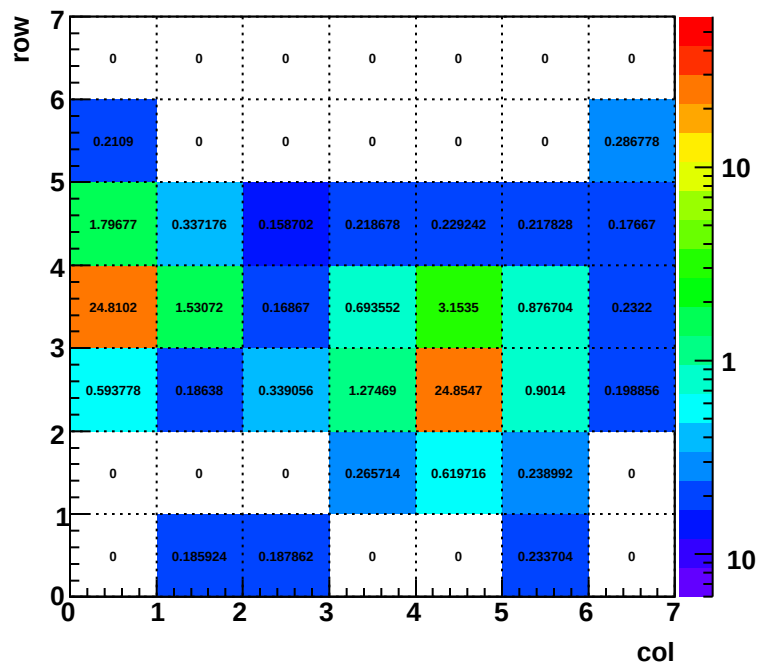
M12=0.622 Y12=-3.695 Phi12=3.097 E12=66.274

SumN(-) = 85 SumN(+)= 132 AN/6=0.361

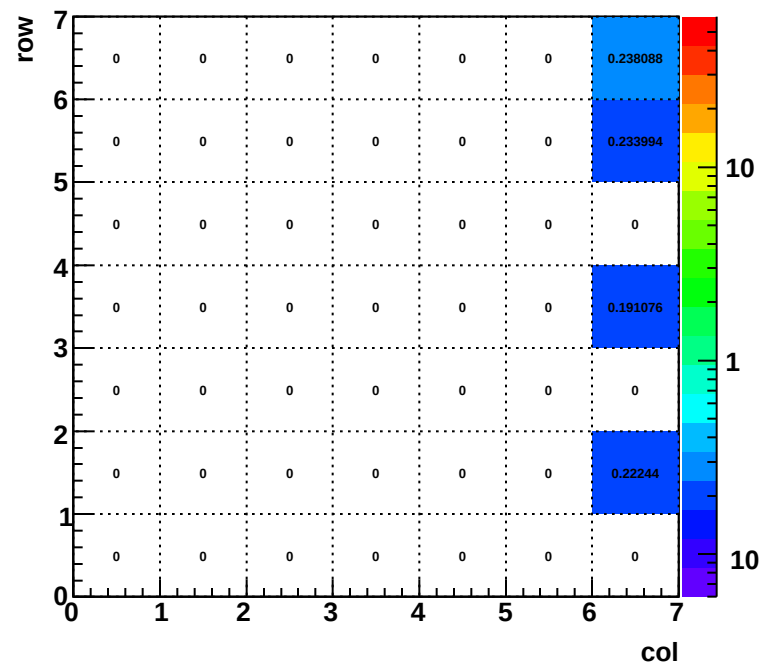
Running Yellow Spin Accumulation



North FPD



South FPD



218) Rnum=7126024 EventN=1509049 (3 Yu-N[+])

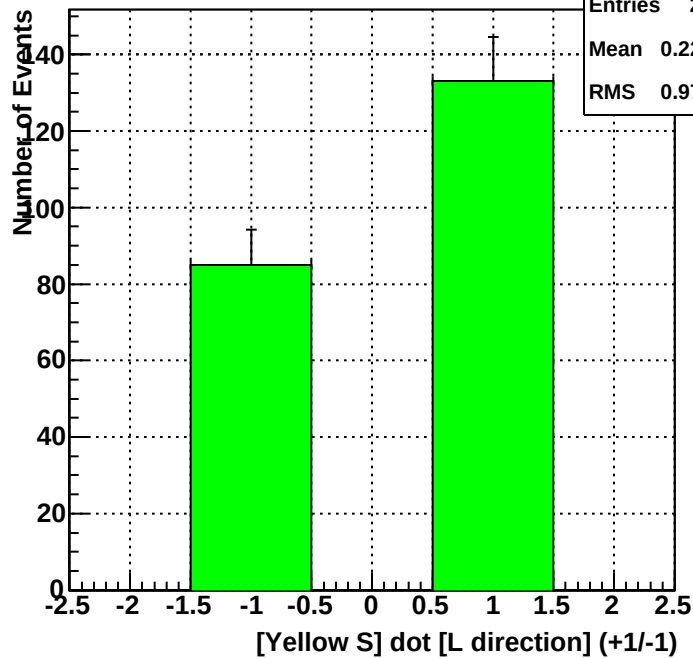
(1) Energy=55.225254 Y=-3.578072 Phi=-0.169097

(2) Energy=8.529831 Y=-3.390206 Phi=0.168205

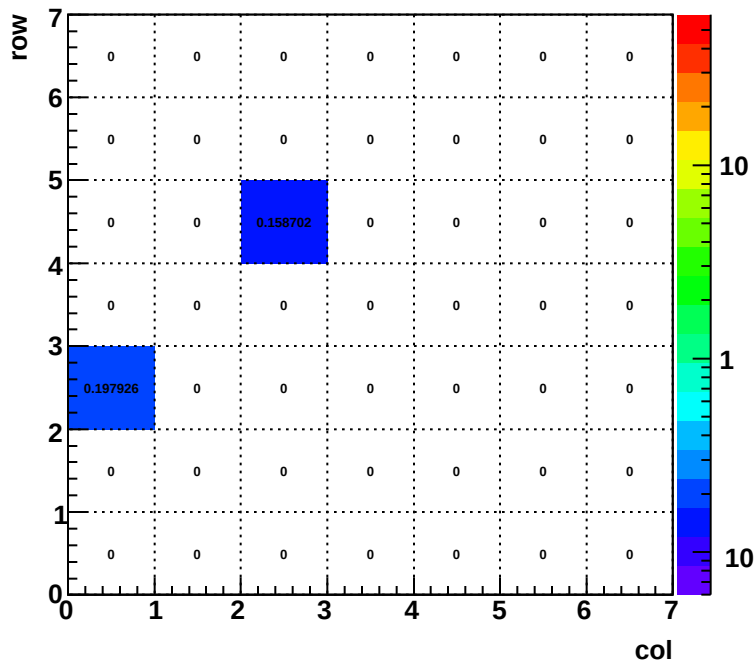
M12=0.512 Y12=-3.558 Phi12=-0.117 E12=63.755

SumN(-) = 85 SumN(+)= 133 AN/6=0.367

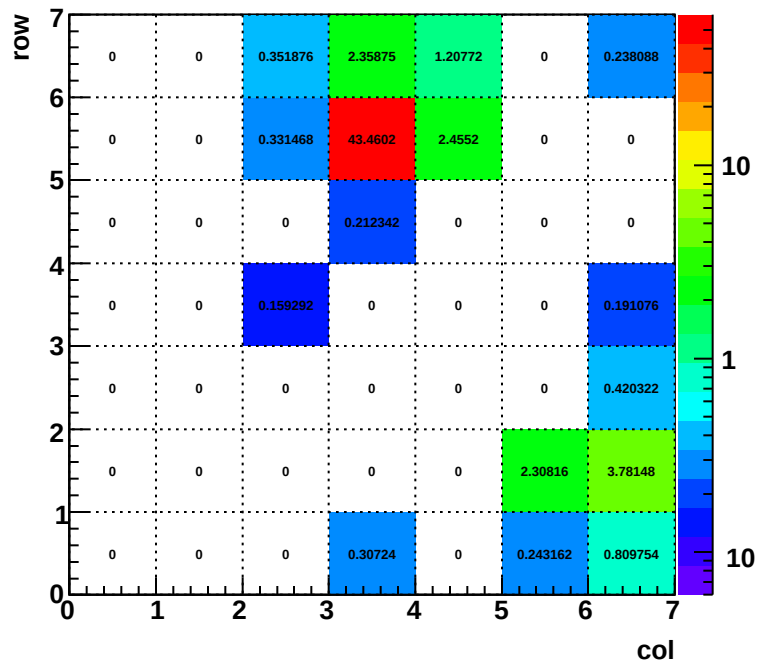
Running Yellow Spin Accumulation



North FPD



South FPD



219) Rnum=7126024 EventN=1805688 (3 Yu-N[+])

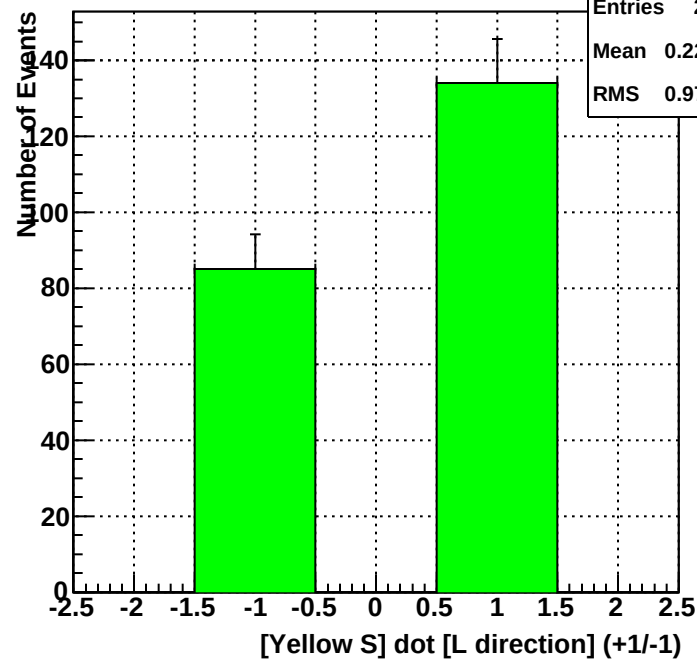
(1) Energy=41.705147 Y=-3.844308 Phi=-0.062412

(2) Energy=23.268293 Y=-3.554514 Phi=0.071786

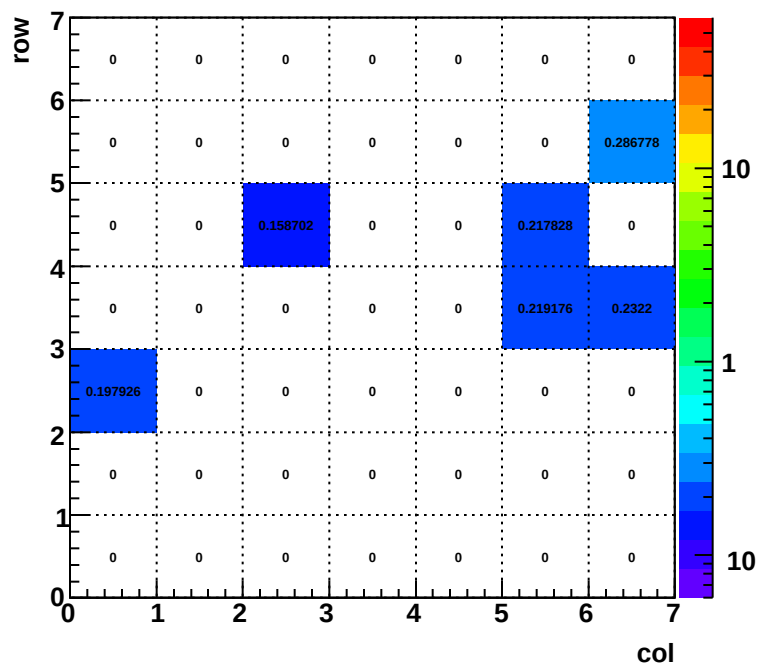
M12=0.493 Y12=-3.733 Phi12=-0.005 E12=64.973

SumN(-) = 85 SumN(+)= 134 AN/6=0.373

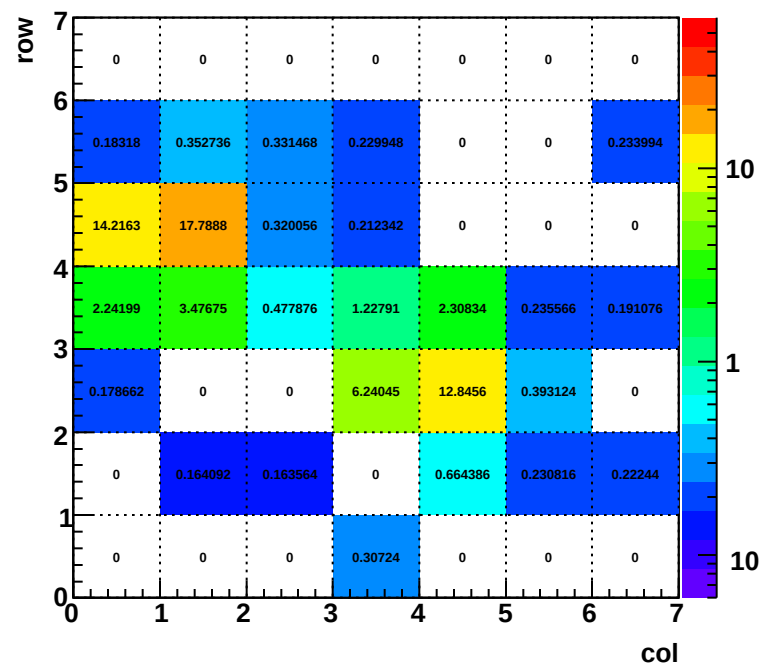
Running Yellow Spin Accumulation



North FPD



South FPD



220) Rnum=7126024 EventN=2605644 (0 Yd-N[-])

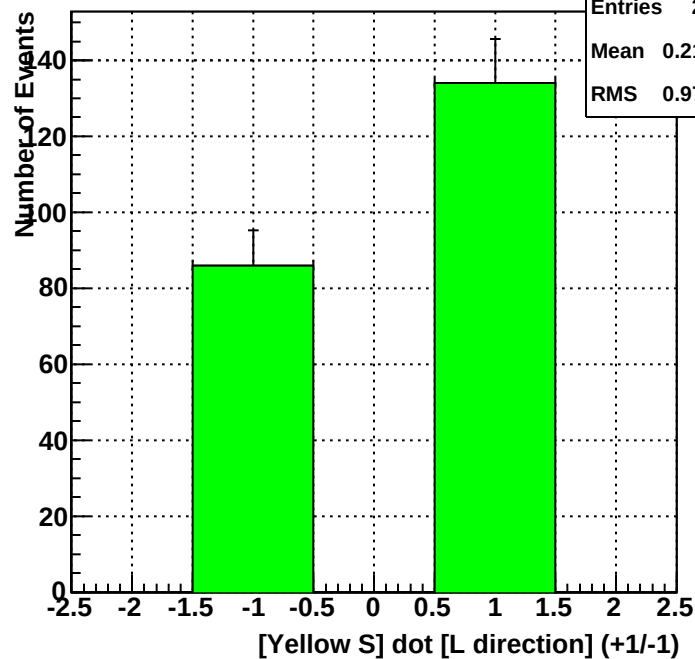
(1) Energy=43.100502 Y=-3.815542 Phi=0.013488

(2) Energy=19.338226 Y=-3.425282 Phi=0.017871

M12=0.606 Y12=-3.678 Phi12=0.015 E12=62.439

SumN(-) = 86 SumN(+)= 134 AN/6=0.364

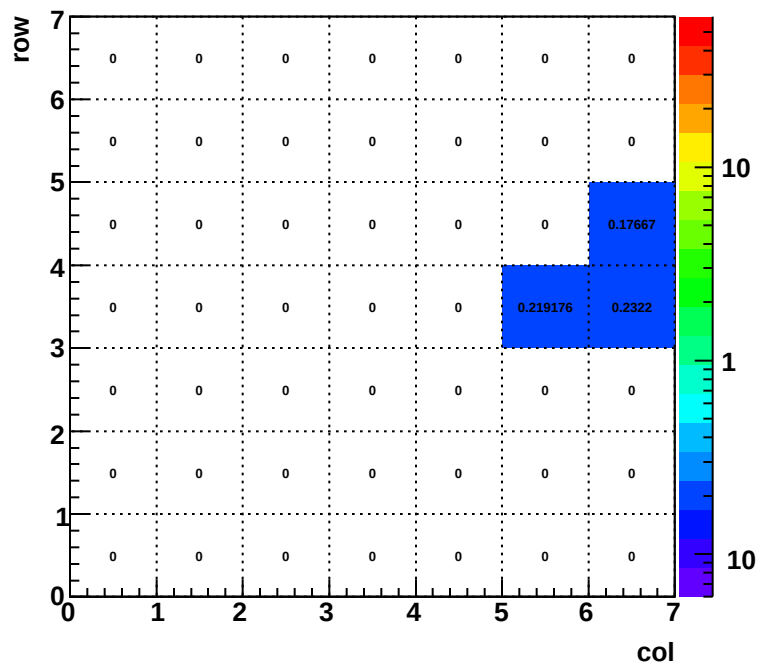
Running Yellow Spin Accumulation



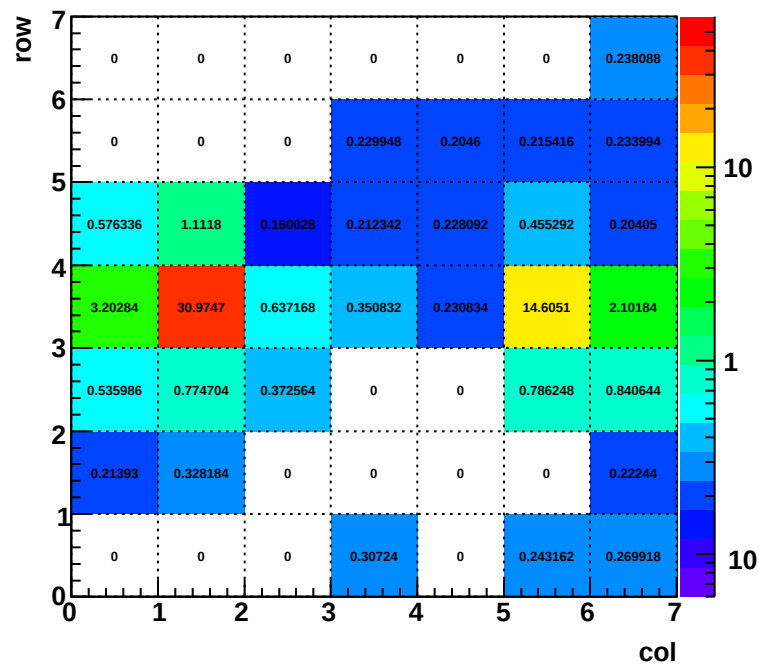
spcntH

Entries 220
Mean 0.2182
RMS 0.9759

North FPD



South FPD



221) Rnum=7126032 EventN=5004614 (1 Yu-S[-])

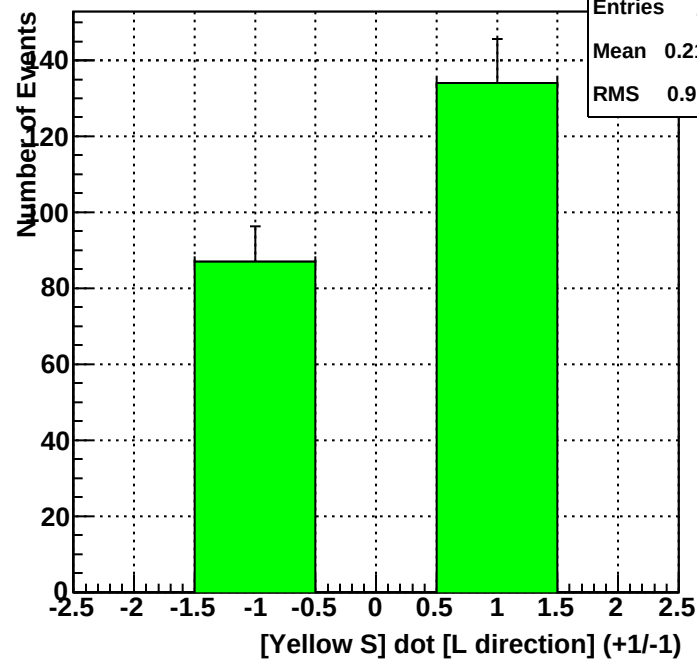
(1) Energy=49.703411 Y=-3.832122 Phi=-3.140446

(2) Energy=12.346098 Y=-3.468280 Phi=2.922949

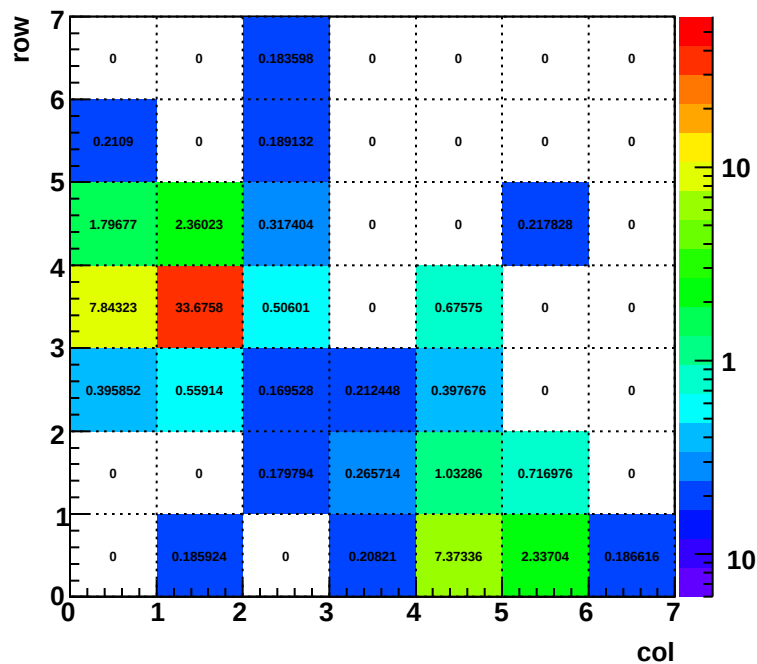
M12=0.549 Y12=-3.753 Phi12=3.085 E12=62.050

SumN(-) = 87 SumN(+)= 134 AN/6=0.354

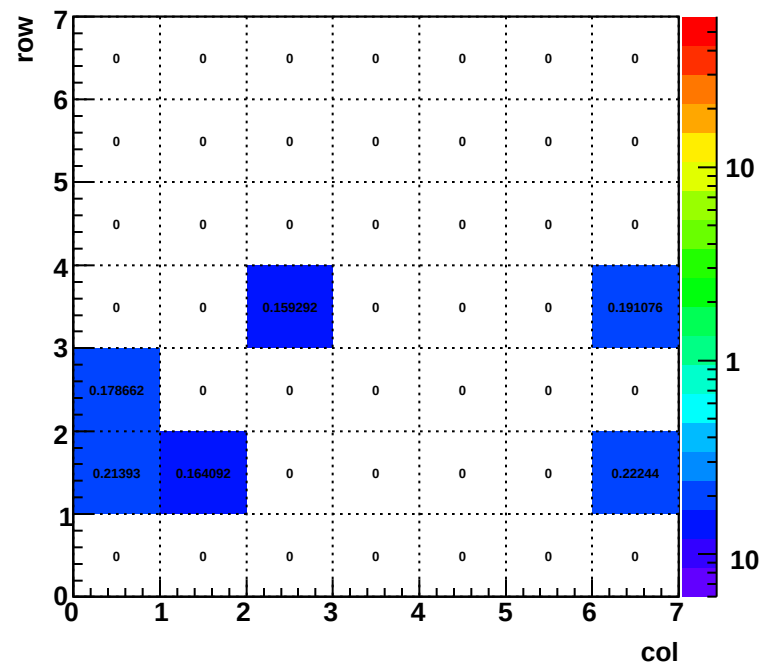
Running Yellow Spin Accumulation



North FPD



South FPD



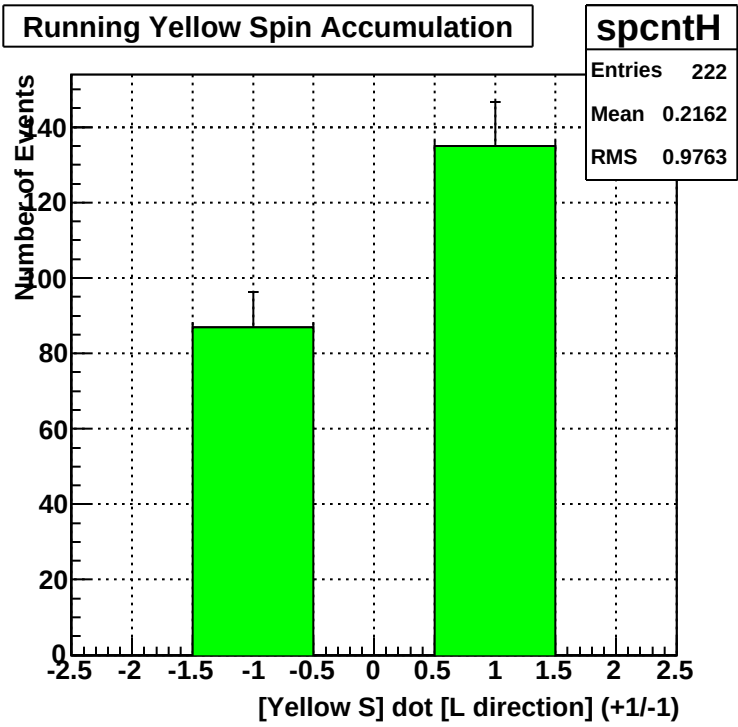
222) Rnum=7126032 EventN=2709263 (2 Yd-S[+])

(1) Energy=49.546440 Y=-3.865883 Phi=-3.040114

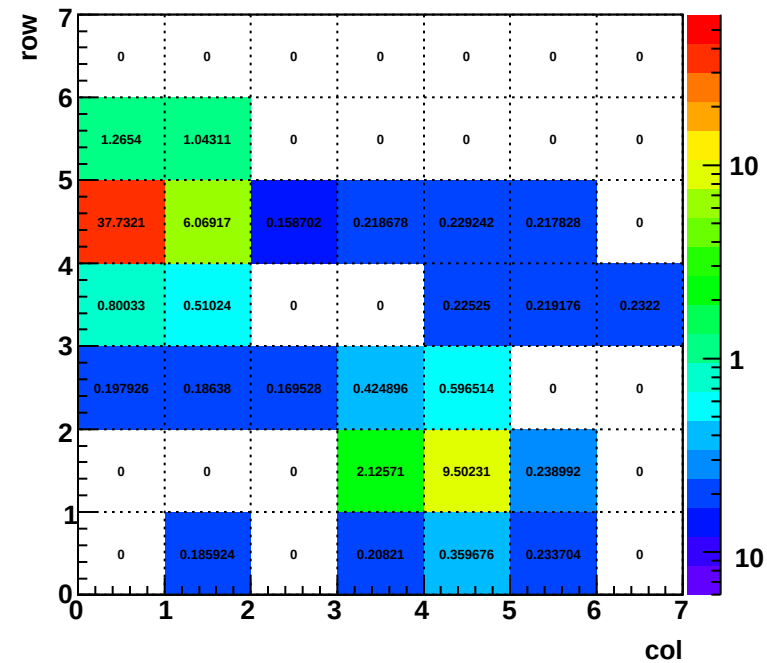
(2) Energy=13.396892 Y=-3.530676 Phi=2.972643

M12=0.550 Y12=-3.792 Phi12=-3.114 E12=62.943

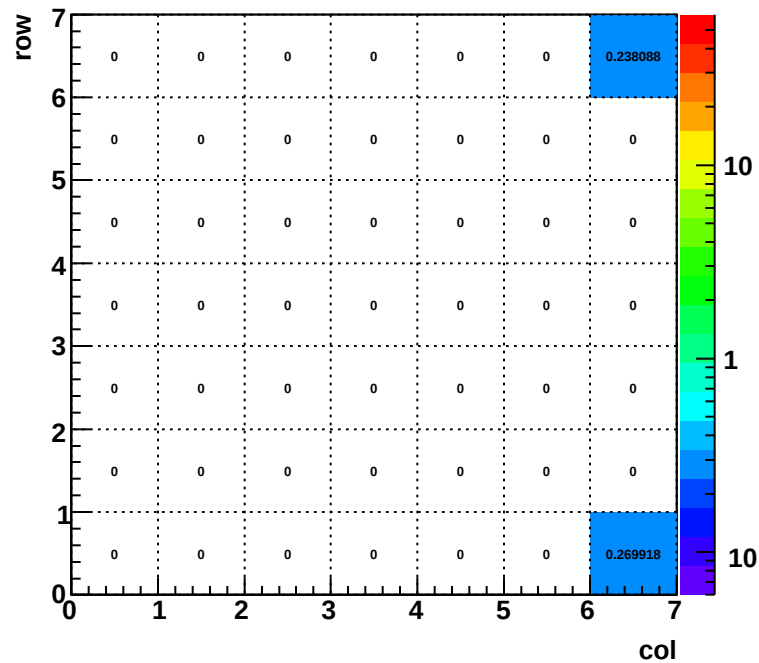
SumN(-) = 87 SumN(+)= 135 AN/6=0.360



North FPD



South FPD



223) Rnum=7126036 EventN=7703512 (1 Yu-S[-])

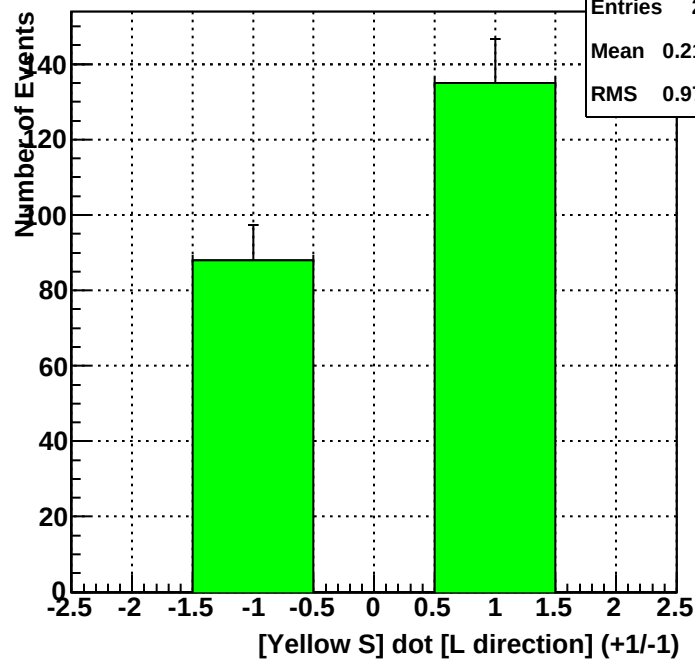
(1) Energy=46.168530 Y=-3.647042 Phi=-3.068879

(2) Energy=14.414795 Y=-3.849350 Phi=2.788501

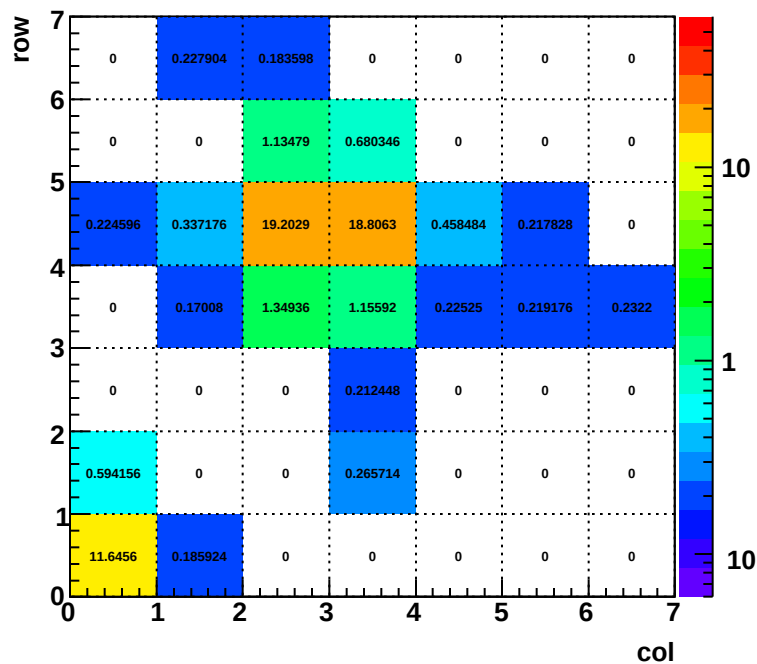
M12=0.570 Y12=-3.706 Phi12=3.129 E12=60.583

SumN(-) = 88 SumN(+)= 135 AN/6=0.351

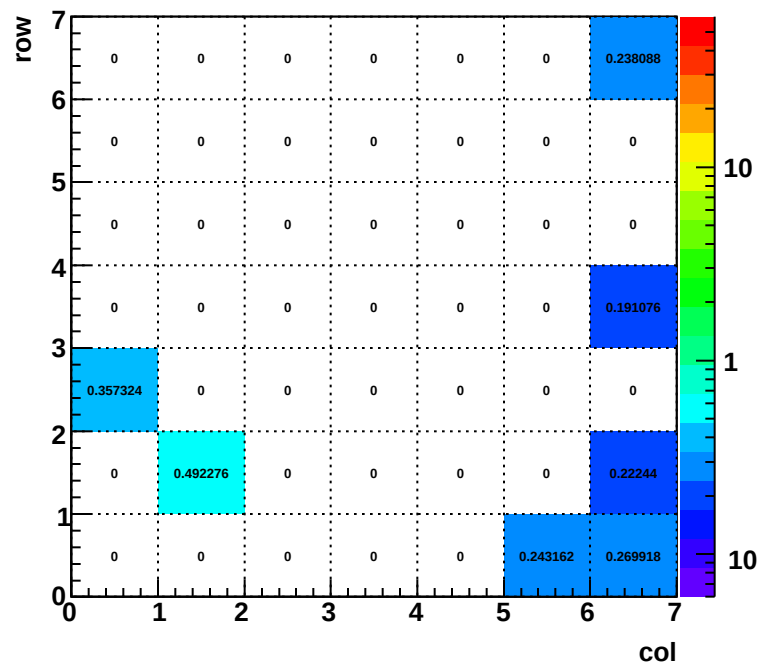
Running Yellow Spin Accumulation



North FPD



South FPD



224) Rnum=7126036 EventN=9901803 (3 Yu-S[-])

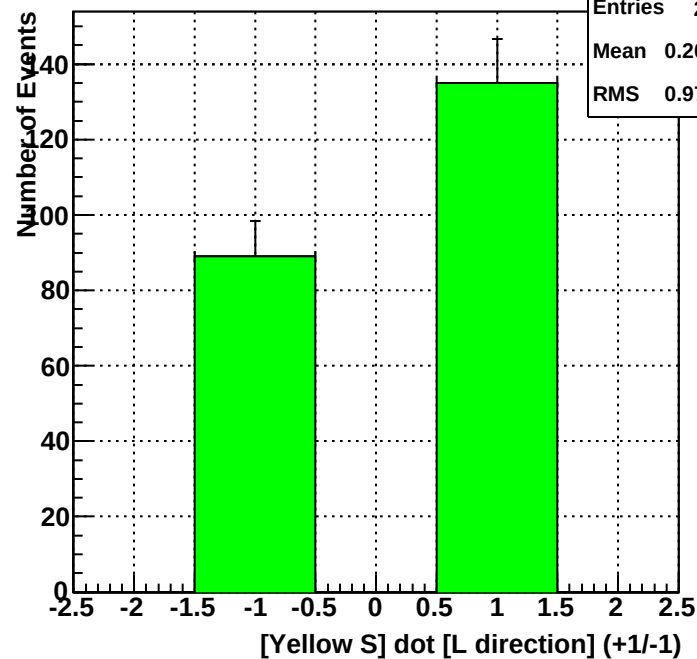
(1) Energy=58.803024 Y=-3.683350 Phi=3.082412

(2) Energy=10.673439 Y=-3.375803 Phi=-3.028982

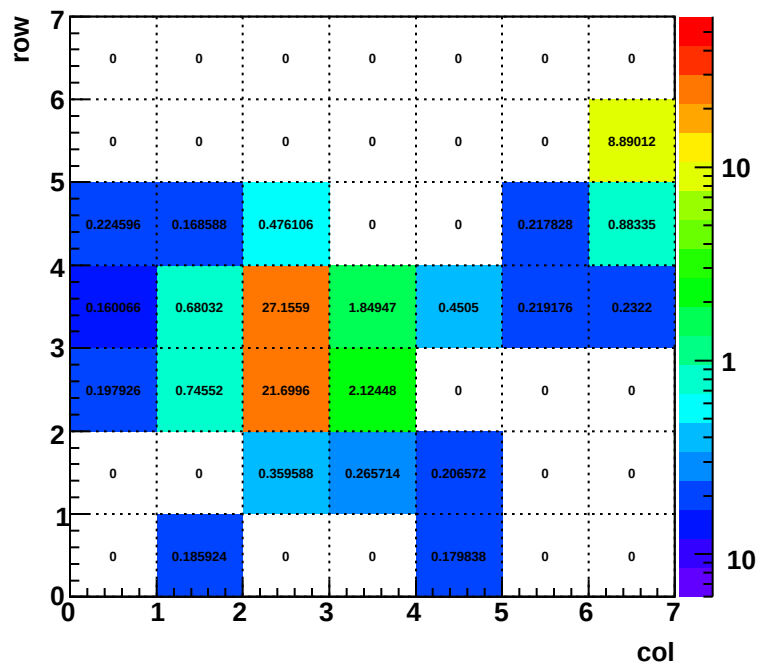
M12=0.519 Y12=-3.632 Phi12=3.116 E12=69.476

SumN(-) = 89 SumN(+)= 135 AN/6=0.342

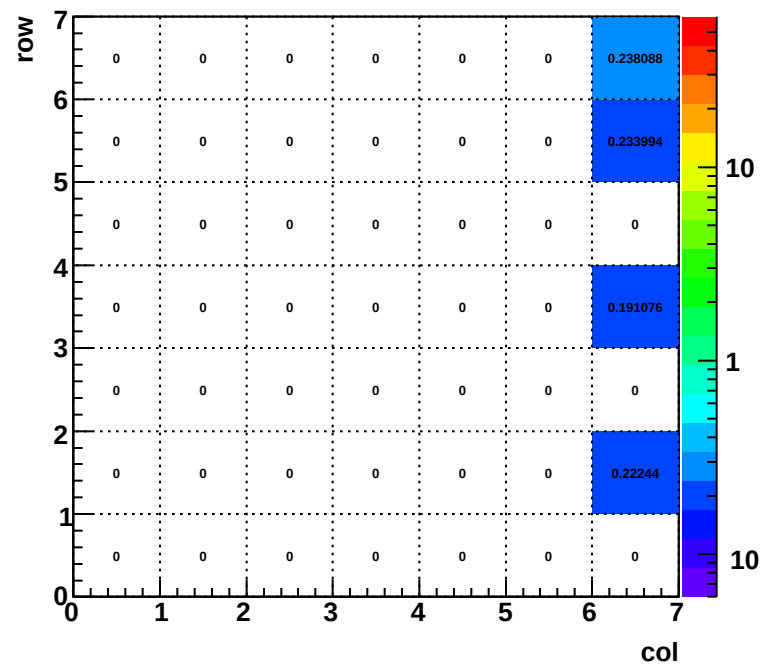
Running Yellow Spin Accumulation



North FPD



South FPD



225) Rnum=7126038 EventN=9707981 (3 Yu-N[+])

(1) Energy=46.378235 Y=-3.749344 Phi=-0.189306

(2) Energy=17.084164 Y=-3.662077 Phi=0.205117

M12=0.555 Y12=-3.741 Phi12=-0.077 E12=63.462

SumN(-) = 89 SumN(+)= 136 AN/.6=0.348

225) Rnum=7126038 EventN=9707981 (3 Yu-N[+])

(1) Energy=46.378235 Y=-3.749344 Phi=-0.189306

(2) Energy=17.084164 Y=-3.662077 Phi=0.205117

M12=0.555 Y12=-3.741 Phi12=-0.077 E12=63.462

SumN(-) = 89 SumN(+)= 136 AN/.6=0.348

225) Rnum=7126038 EventN=9707981 (3 Yu-N[+])

(1) Energy=46.378235 Y=-3.749344 Phi=-0.189306

(2) Energy=17.084164 Y=-3.662077 Phi=0.205117

M12=0.555 Y12=-3.741 Phi12=-0.077 E12=63.462

SumN(-) = 89 SumN(+)= 136 AN/.6=0.348

225) Rnum=7126038 EventN=9707981 (3 Yu-N[+])

(1) Energy=46.378235 Y=-3.749344 Phi=-0.189306

(2) Energy=17.084164 Y=-3.662077 Phi=0.205117

M12=0.555 Y12=-3.741 Phi12=-0.077 E12=63.462

SumN(-) = 89 SumN(+)= 136 AN/.6=0.348

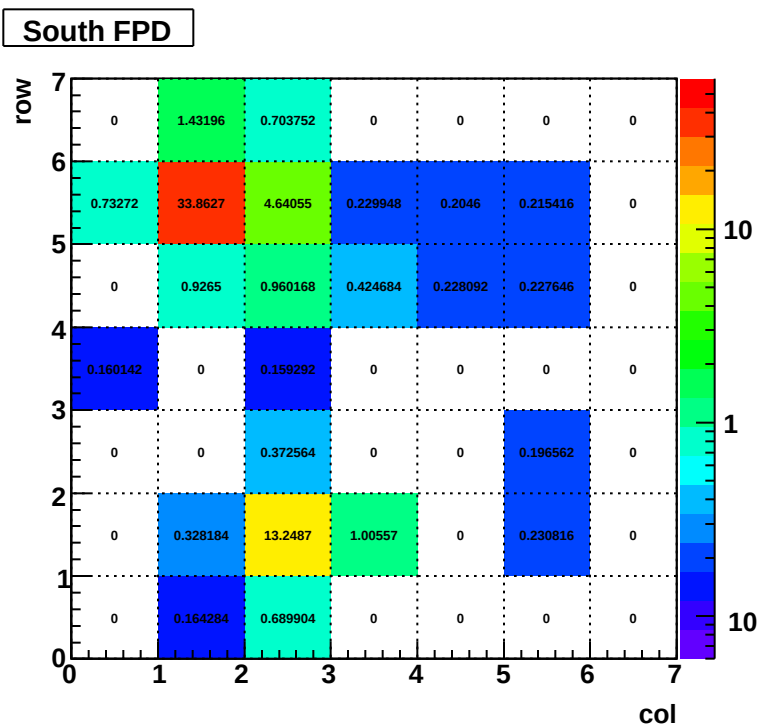
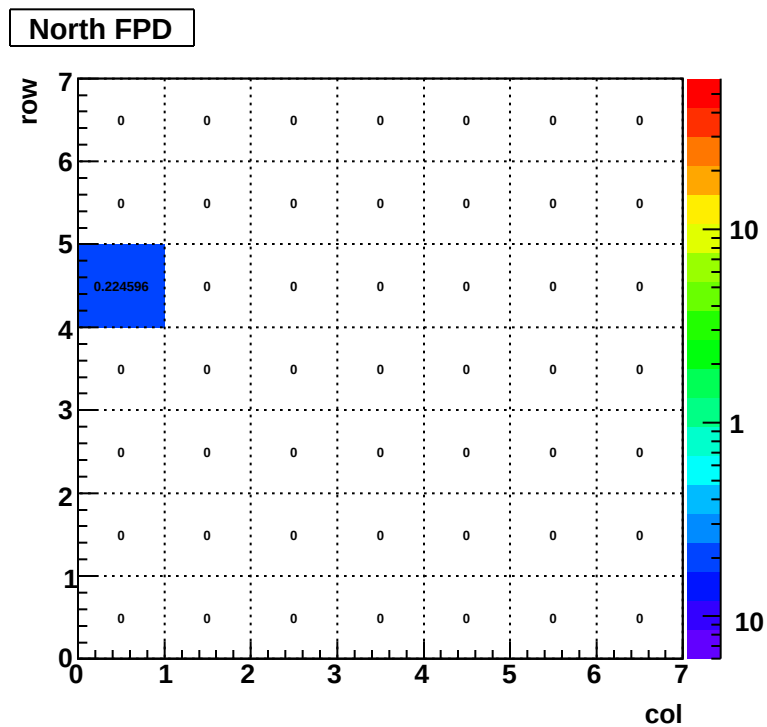
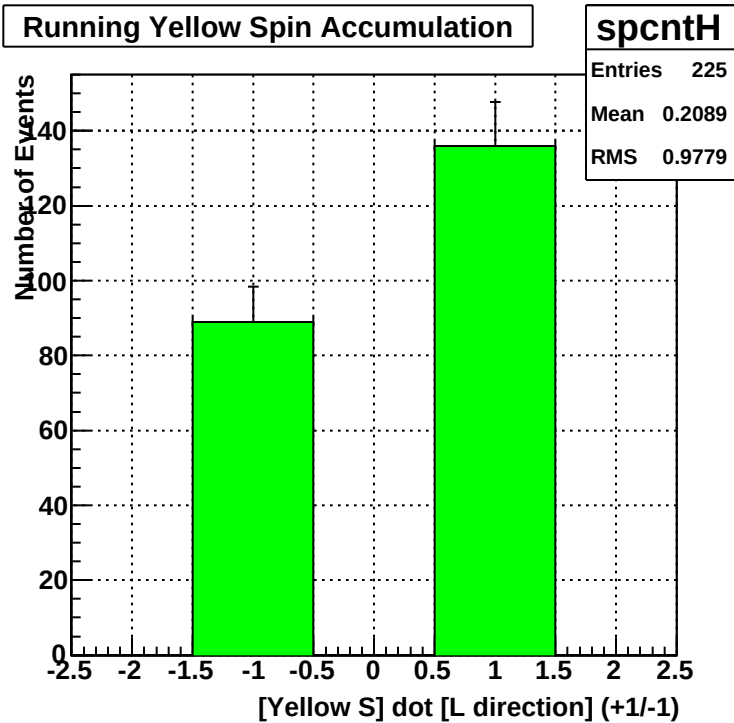
225) Rnum=7126038 EventN=9707981 (3 Yu-N[+])

(1) Energy=46.378235 Y=-3.749344 Phi=-0.189306

(2) Energy=17.084164 Y=-3.662077 Phi=0.205117

M12=0.555 Y12=-3.741 Phi12=-0.077 E12=63.462

SumN(-) = 89 SumN(+)= 136 AN/.6=0.348



226) Rnum=7126054 EventN=406518 (1 Yu-S[-])

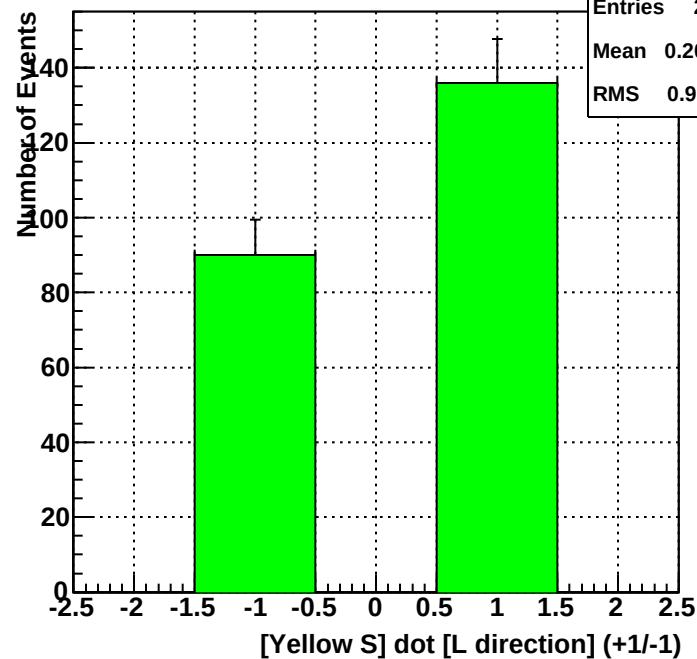
(1) Energy=41.840755 Y=-3.704407 Phi=2.940394

(2) Energy=21.606831 Y=-3.438298 Phi=3.108024

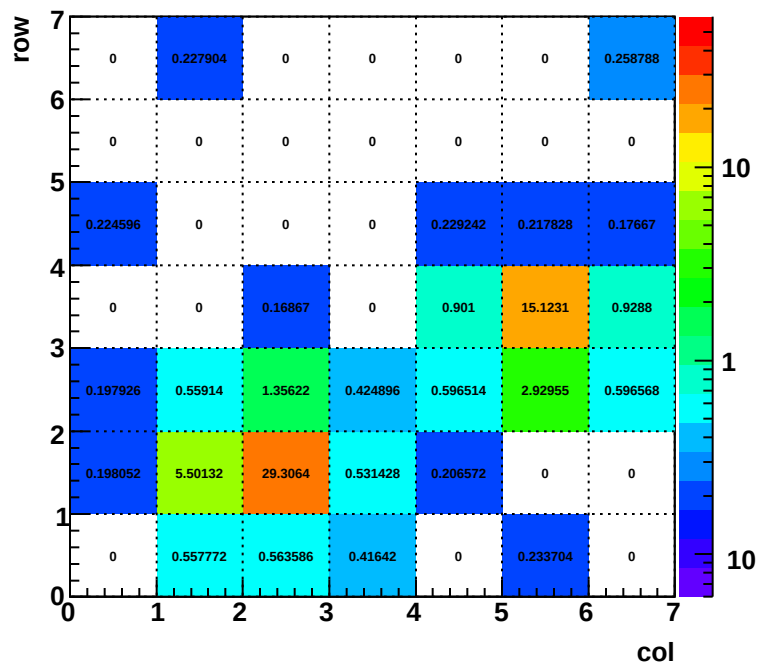
M12=0.532 Y12=-3.609 Phi12=3.008 E12=63.448

SumN(-) = 90 SumN(+)= 136 AN/6=0.339

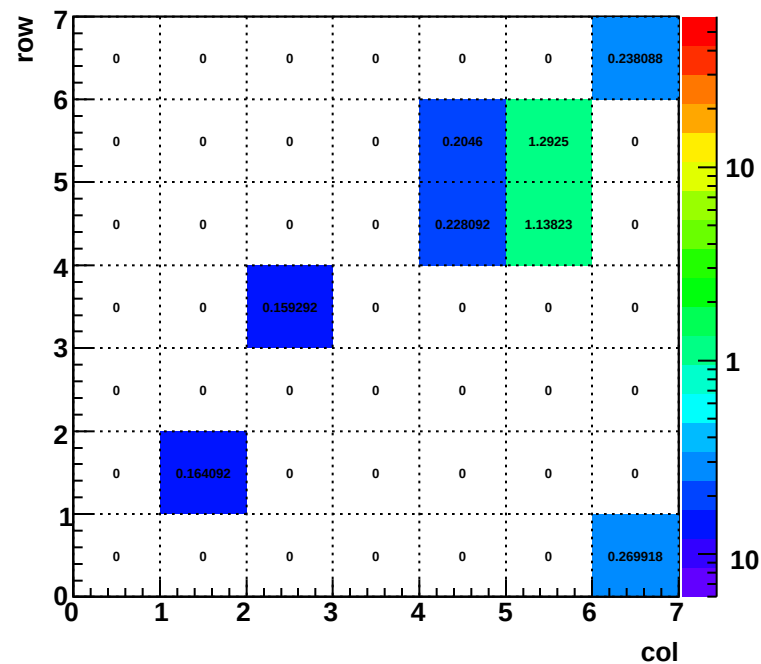
Running Yellow Spin Accumulation



North FPD



South FPD



227) Rnum=7126054 EventN=901196 (3 Yu-N[+])

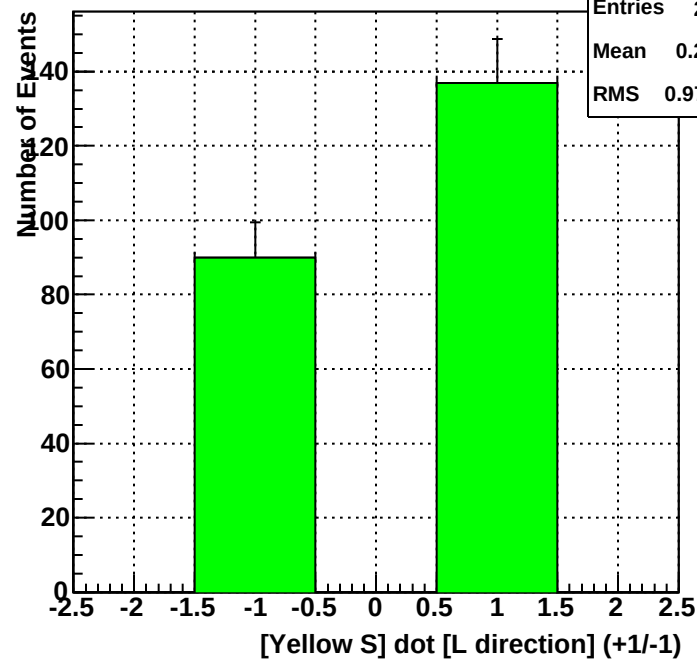
(1) Energy=35.634304 Y=-3.850912 Phi=-0.090246

(2) Energy=25.288177 Y=-3.516003 Phi=0.073453

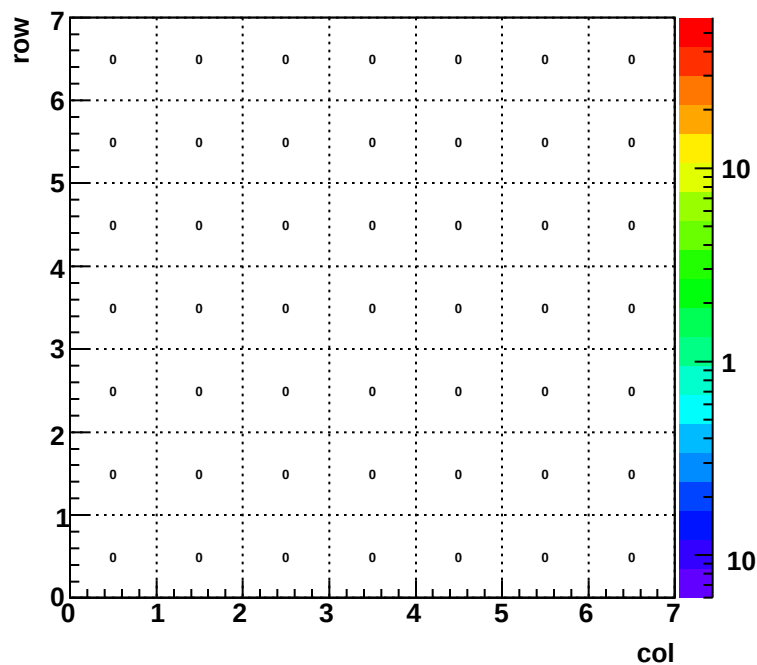
M12=0.564 Y12=-3.701 Phi12=-0.009 E12=60.922

SumN(-) = 90 SumN(+)= 137 AN/6=0.345

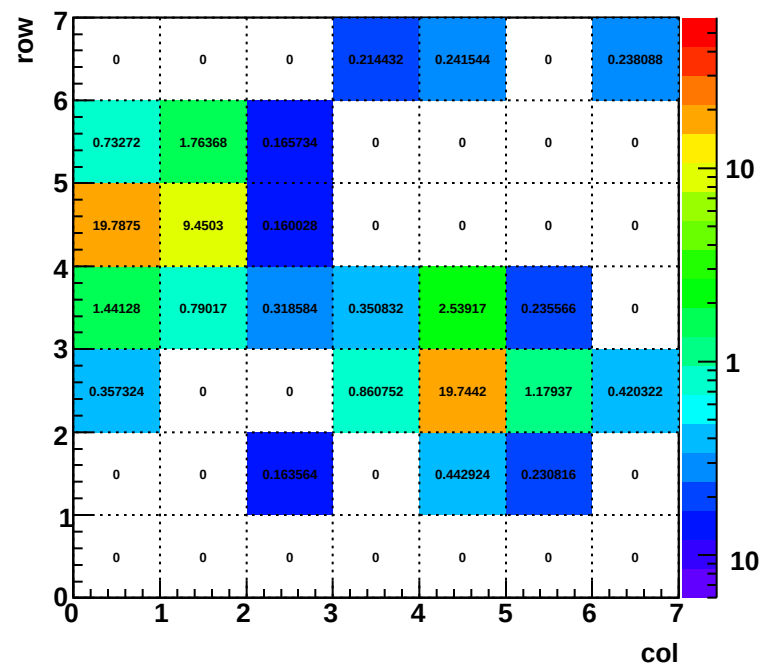
Running Yellow Spin Accumulation



North FPD



South FPD



228) Rnum=7126055 EventN=1205016 (0 Yd-N[-])

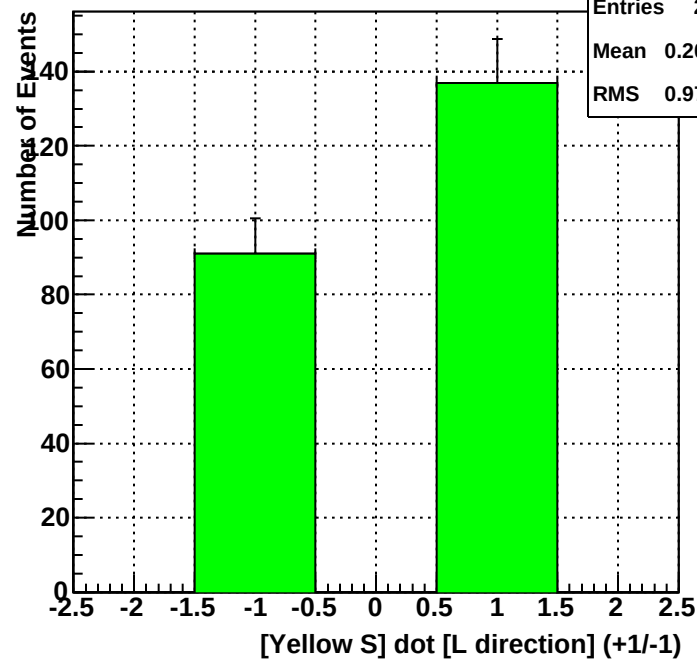
(1) Energy=36.602951 Y=-3.463778 Phi=-0.123928

(2) Energy=24.544254 Y=-3.646359 Phi=0.155165

M12=0.570 Y12=-3.542 Phi12=-0.024 E12=61.147

SumN(-) = 91 SumN(+)= 137 AN/6=0.336

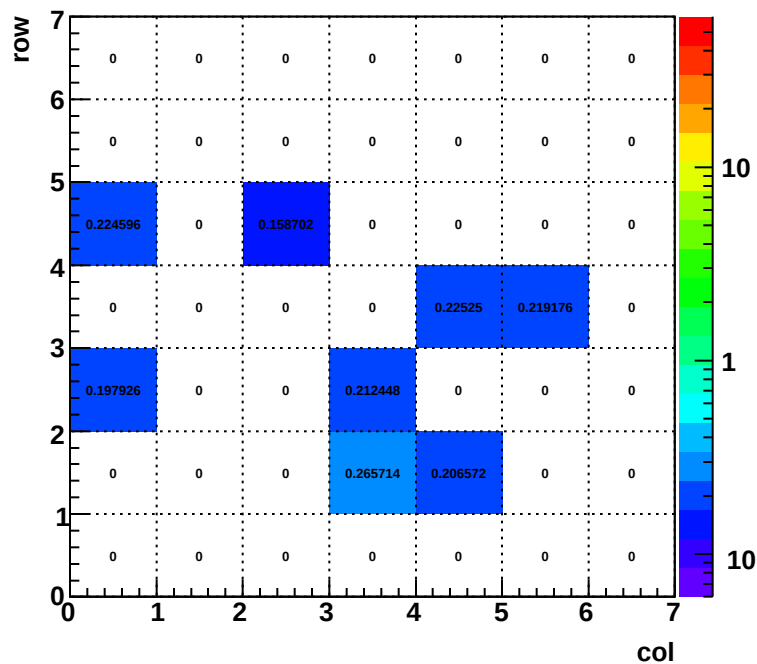
Running Yellow Spin Accumulation



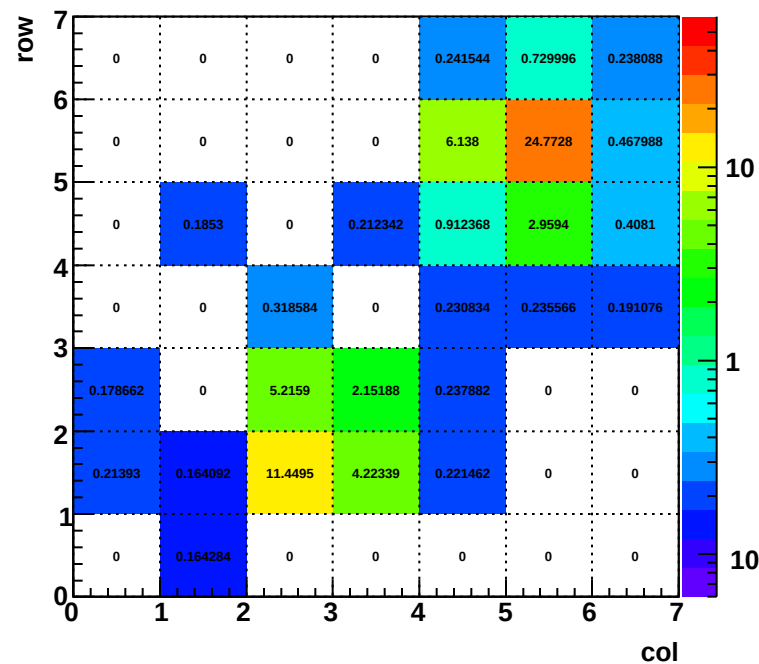
spcntH

Entries 228
Mean 0.2018
RMS 0.9794

North FPD



South FPD



229) Rnum=7126055 EventN=1503526 (0 Yd-N[-])

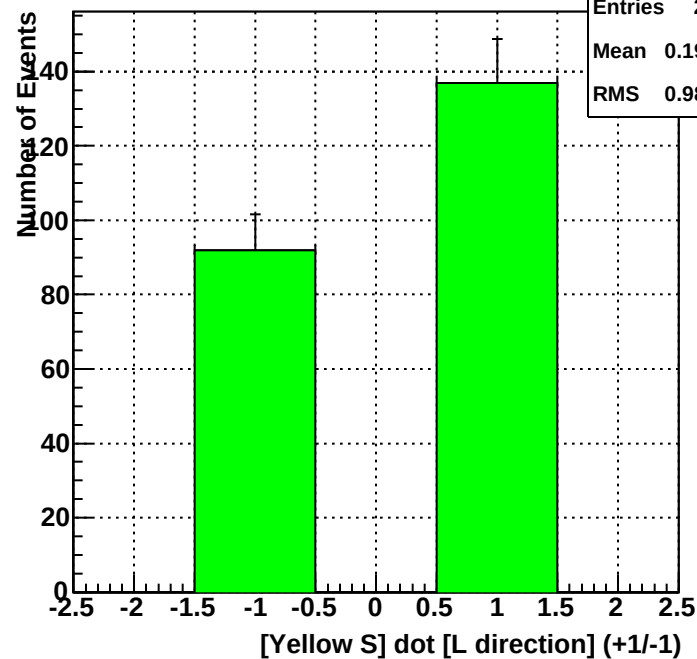
(1) Energy=58.183029 Y=-3.735719 Phi=-0.152552

(2) Energy=11.581478 Y=-3.396408 Phi=0.098915

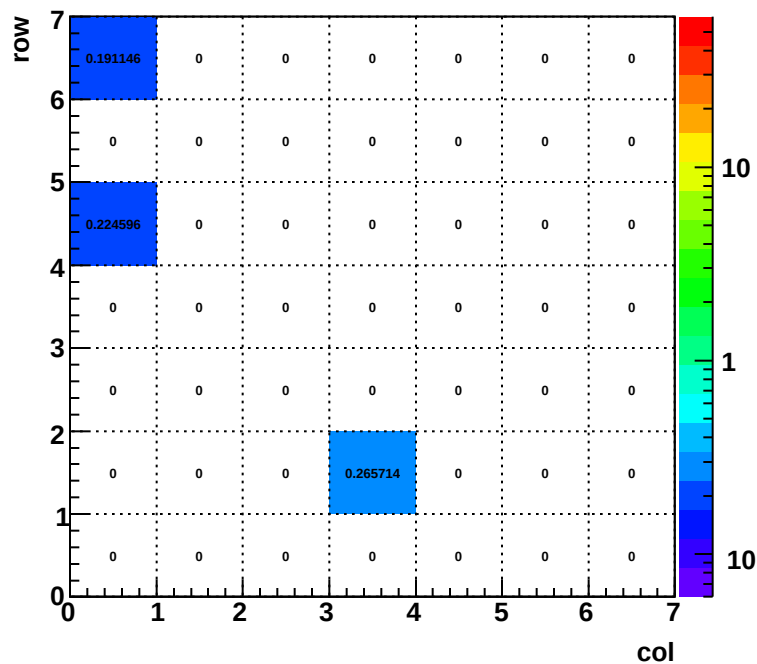
M12=0.621 Y12=-3.676 Phi12=-0.098 E12=69.765

SumN(-) = 92 SumN(+)= 137 AN/6=0.328

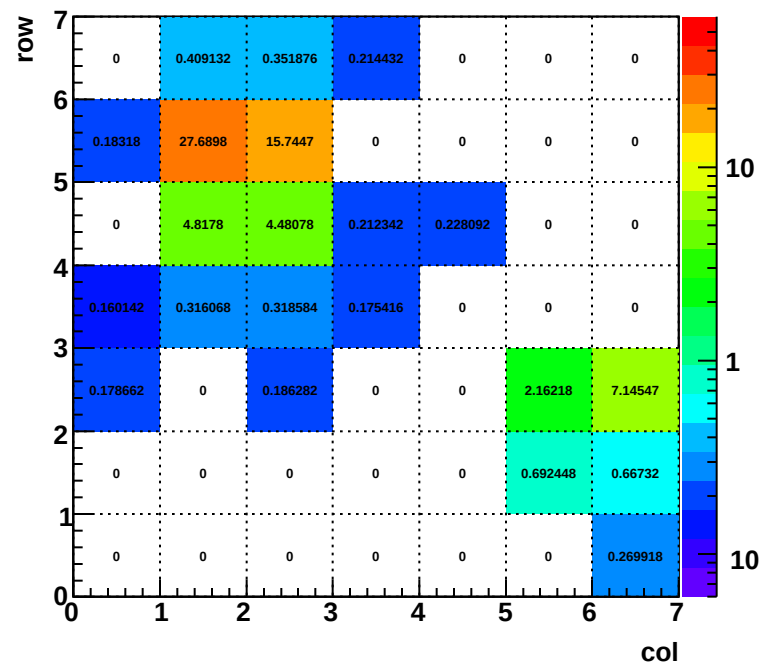
Running Yellow Spin Accumulation



North FPD



South FPD



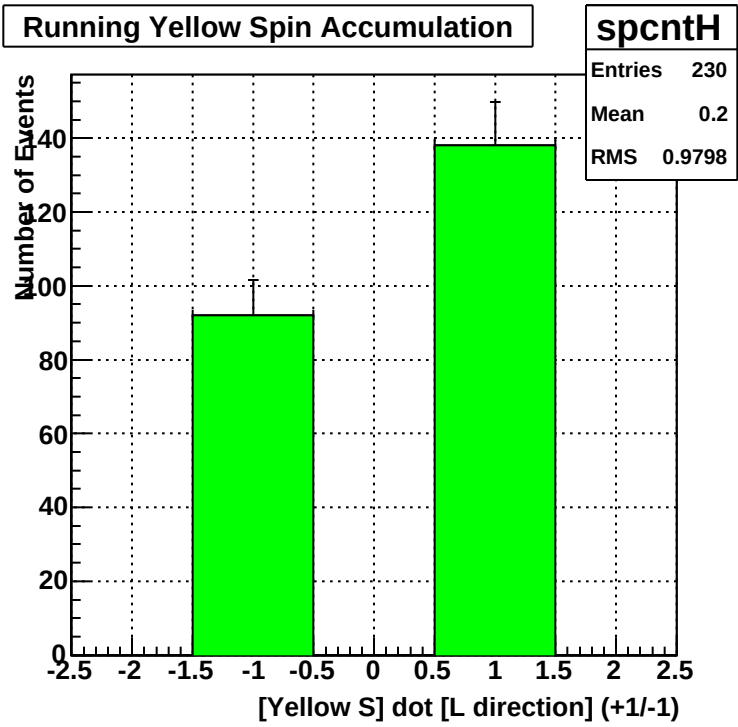
230) Rnum=7126057 EventN=3706337 (1 Yu-N[+])

(1) Energy=36.147972 Y=-3.896913 Phi=-0.112683

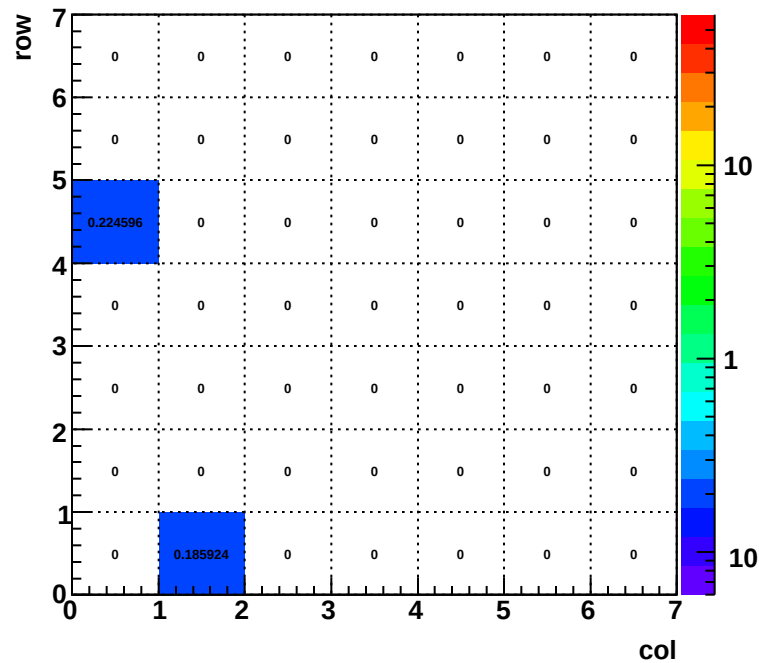
(2) Energy=25.689089 Y=-3.489747 Phi=-0.130236

M12=0.622 Y12=-3.707 Phi12=-0.122 E12=61.837

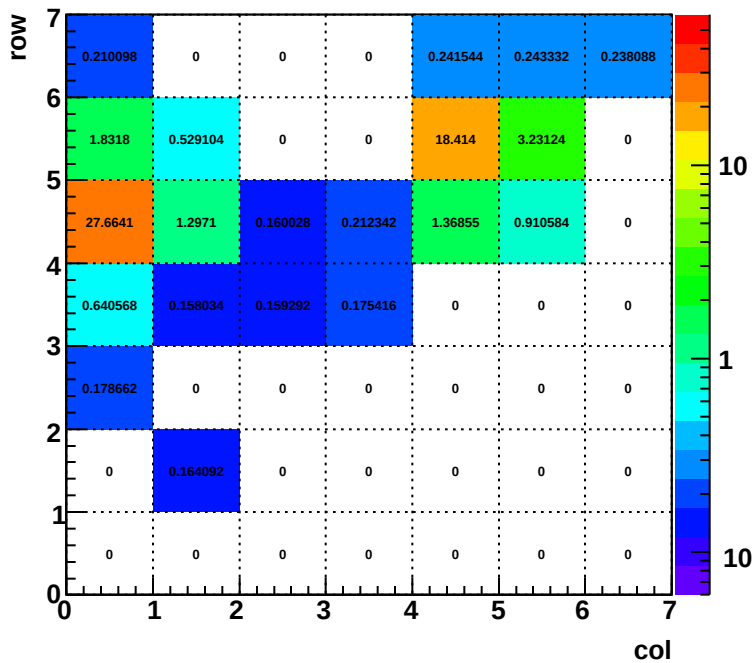
SumN(-) = 92 SumN(+)= 138 AN/6=0.333



North FPD



South FPD



231) Rnum=7126057 EventN=500494 (0 Yd-N[-])

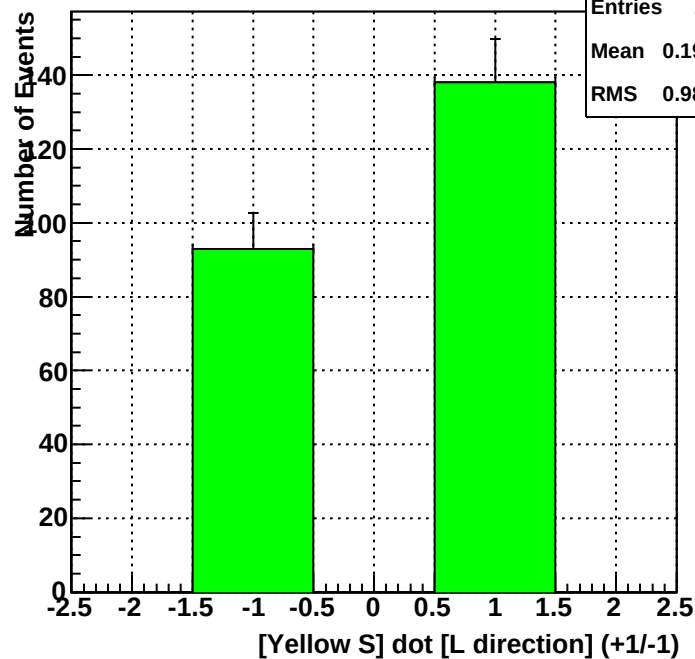
(1) Energy=49.160564 Y=-3.735580 Phi=0.137745

(2) Energy=12.492465 Y=-3.851983 Phi=-0.322553

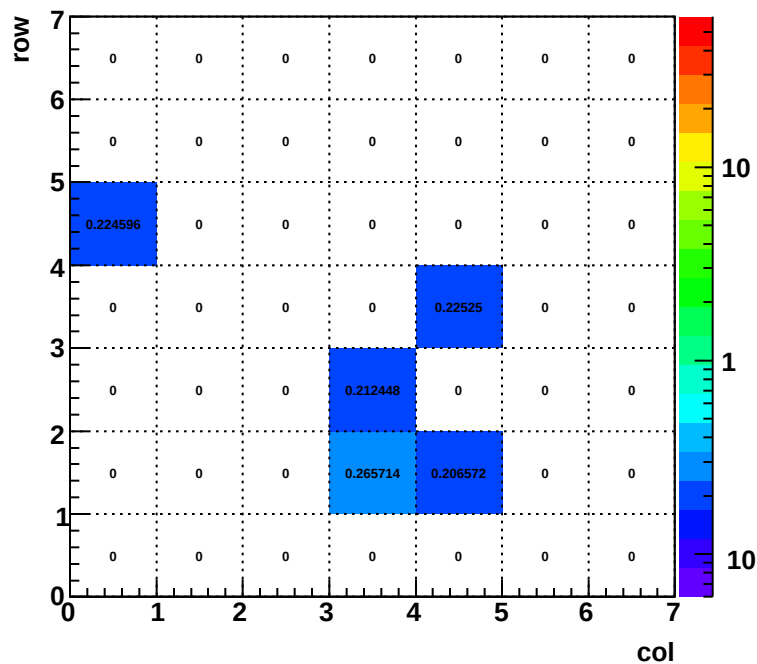
M12=0.525 Y12=-3.774 Phi12=0.054 E12=61.653

SumN(-) = 93 SumN(+)= 138 AN/6=0.325

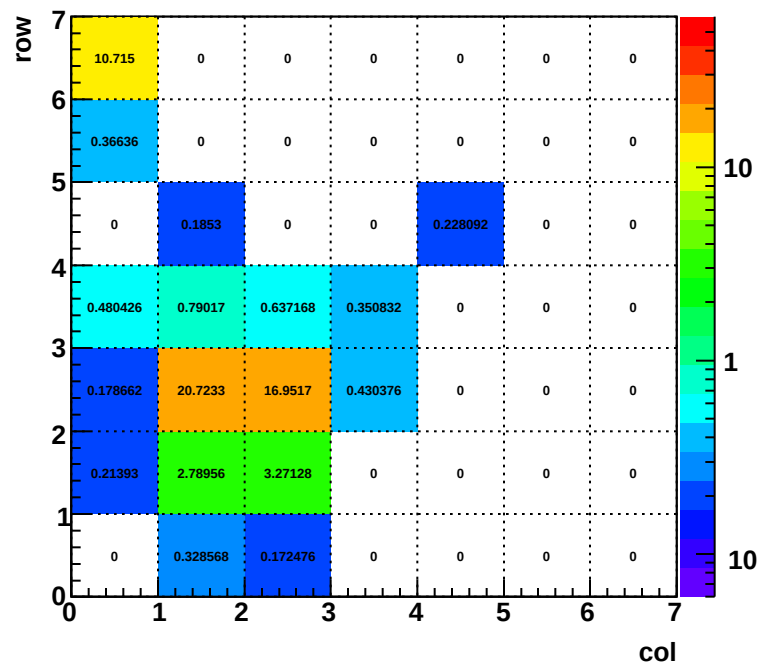
Running Yellow Spin Accumulation



North FPD



South FPD



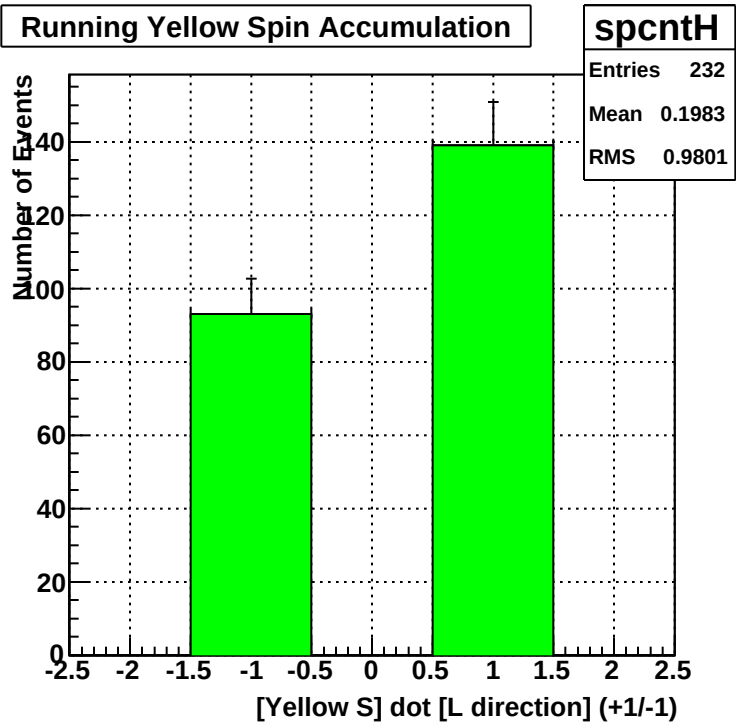
232) Rnum=7126058 EventN=3208850 (3 Yu-N[+])

(1) Energy=41.700405 Y=-3.710780 Phi=-0.216011

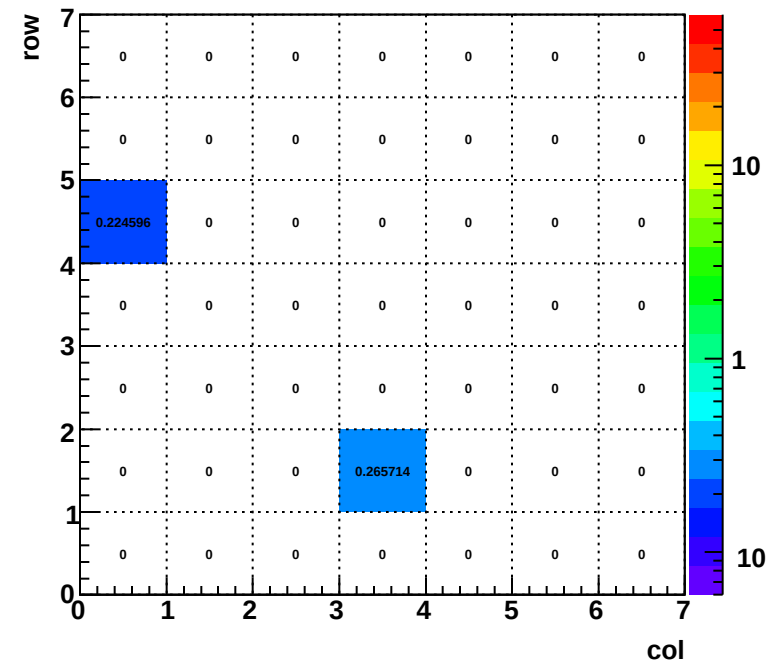
(2) Energy=27.732244 Y=-3.761851 Phi=0.134882

M12=0.572 Y12=-3.746 Phi12=-0.081 E12=69.433

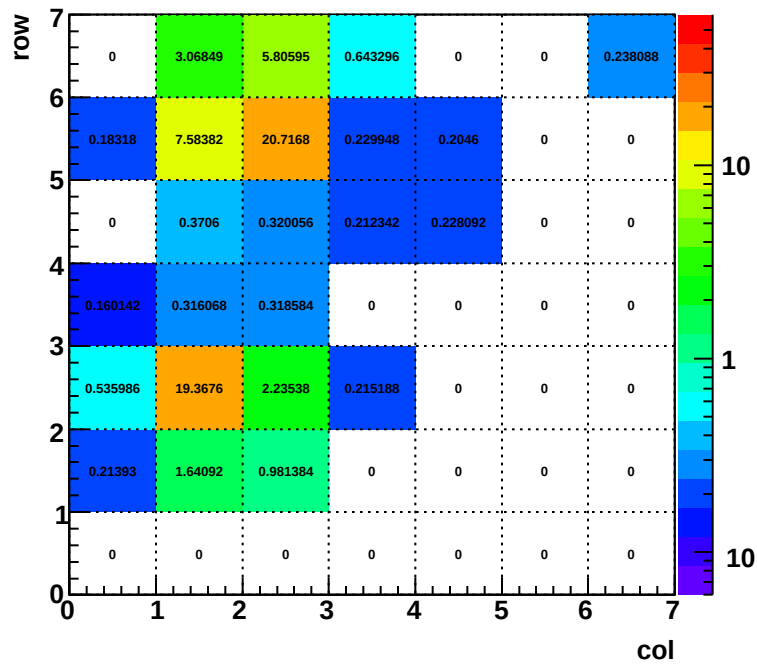
SumN(-) = 93 SumN(+)= 139 AN/6=0.330



North FPD



South FPD



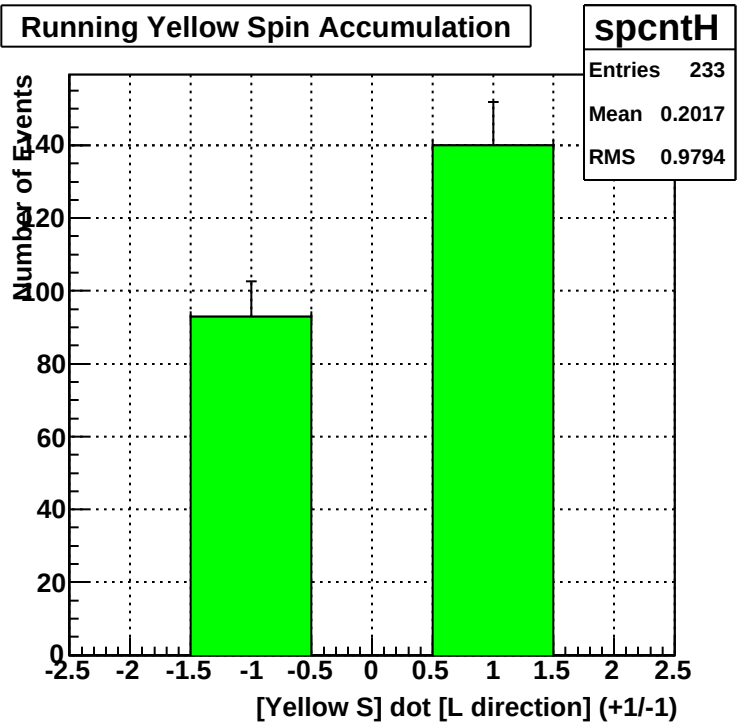
233) Rnum=7126059 EventN=3508500 (3 Yu-N[+])

(1) Energy=40.035999 Y=-3.653918 Phi=0.187708

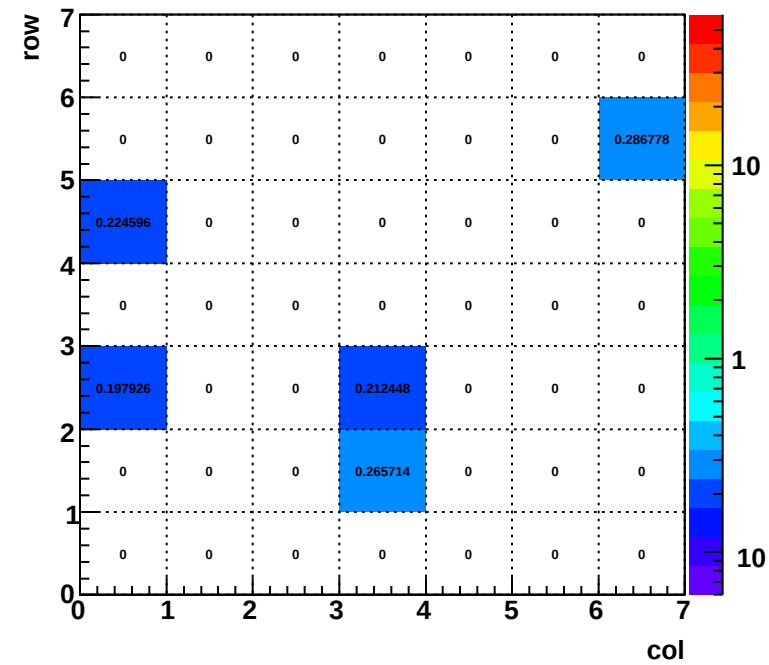
(2) Energy=20.522097 Y=-3.914199 Phi=-0.145700

M12=0.550 Y12=-3.746 Phi12=0.094 E12=60.558

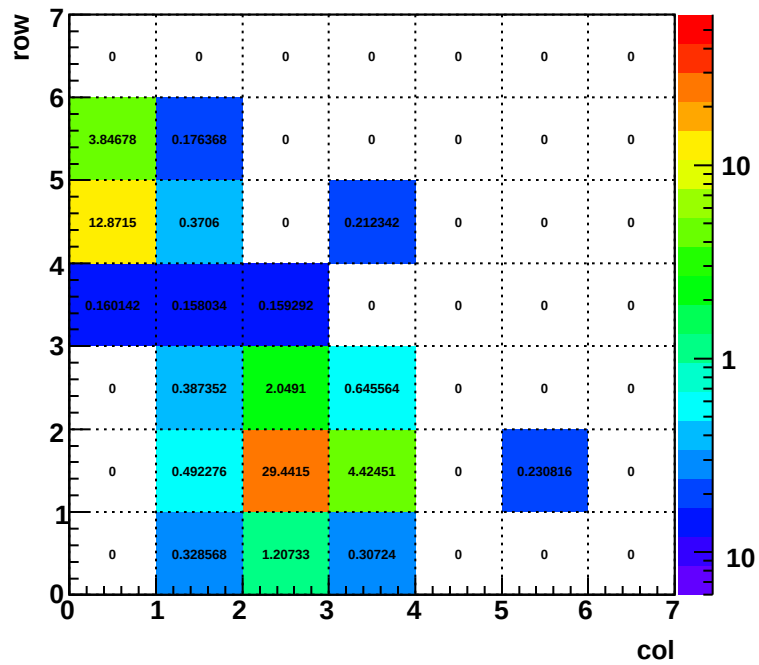
SumN(-) = 93 SumN(+)= 140 AN/6=0.336



North FPD



South FPD



234) Rnum=7126063 EventN=3902354 (2 Yd-N[-])

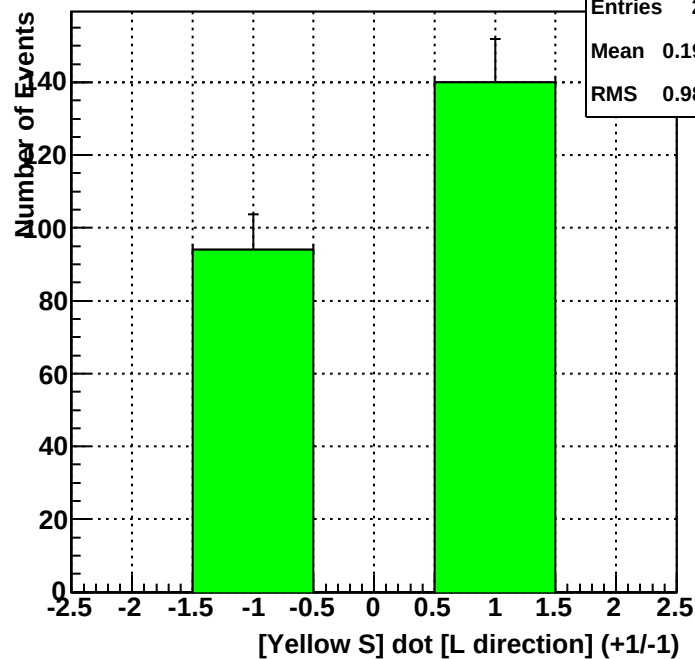
(1) Energy=50.394077 Y=-3.771381 Phi=0.101065

(2) Energy=10.840426 Y=-3.349715 Phi=0.199585

M12=0.579 Y12=-3.684 Phi12=0.125 E12=61.235

SumN(-) = 94 SumN(+)= 140 AN/6=0.328

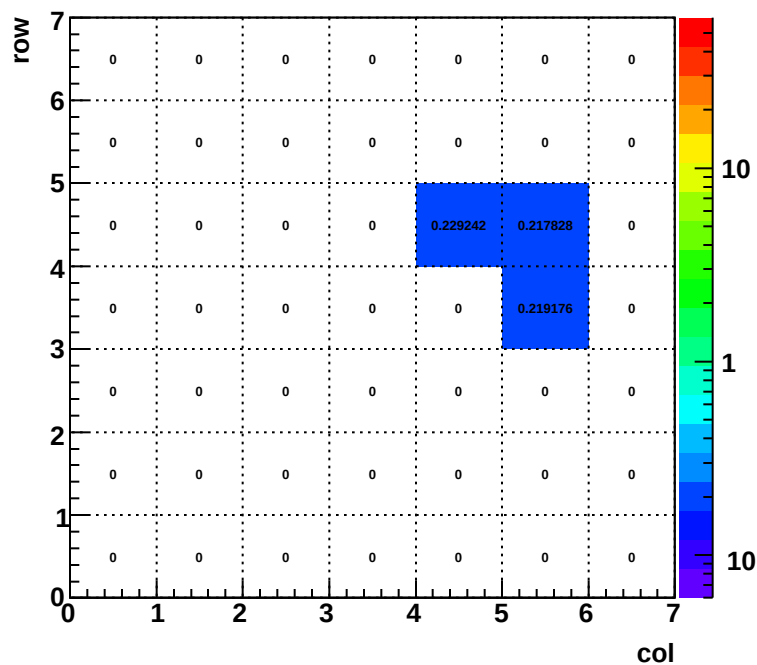
Running Yellow Spin Accumulation



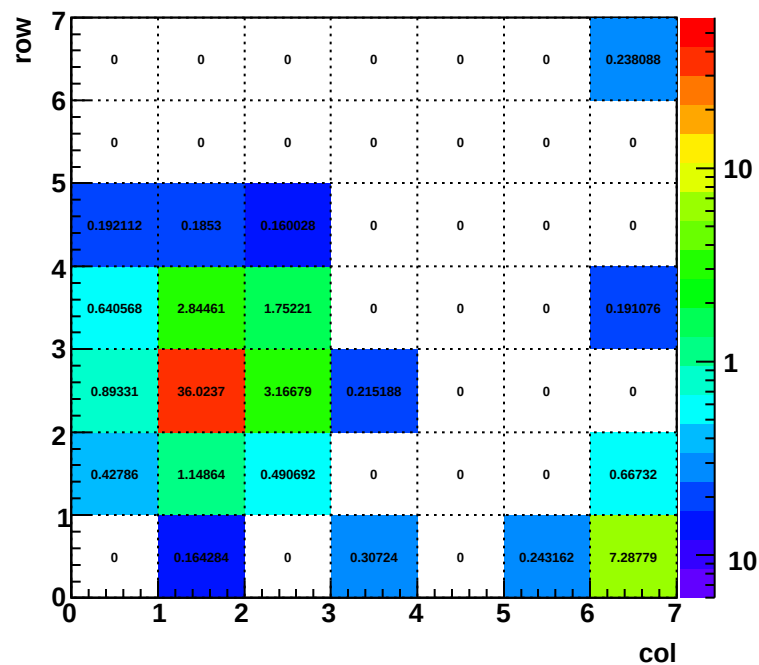
spcntH

Entries 234
Mean 0.1966
RMS 0.9805

North FPD



South FPD



235) Rnum=7126063 EventN=6008184 (3 Yu-N[+])

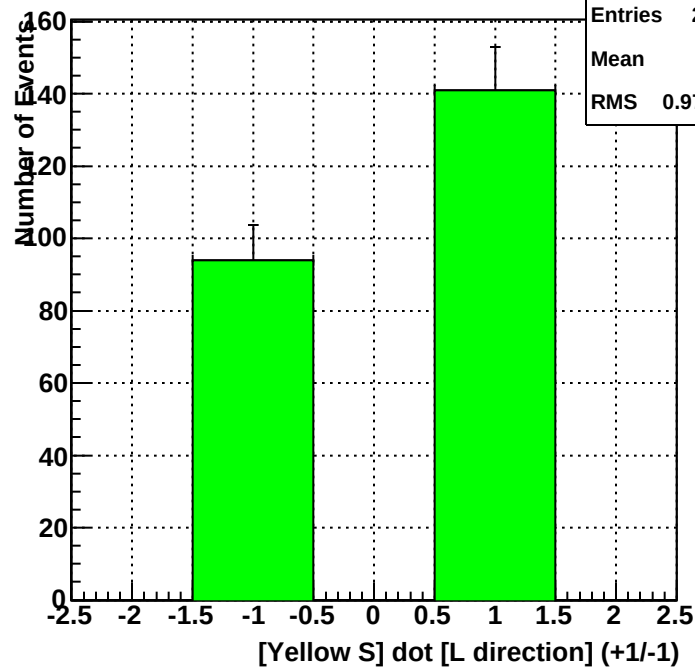
(1) Energy=39.351479 Y=-3.670670 Phi=0.228650

(2) Energy=21.429071 Y=-3.670658 Phi=-0.167137

M12=0.581 Y12=-3.689 Phi12=0.090 E12=60.781

SumN(-) = 94 SumN(+)= 141 AN/6=0.333

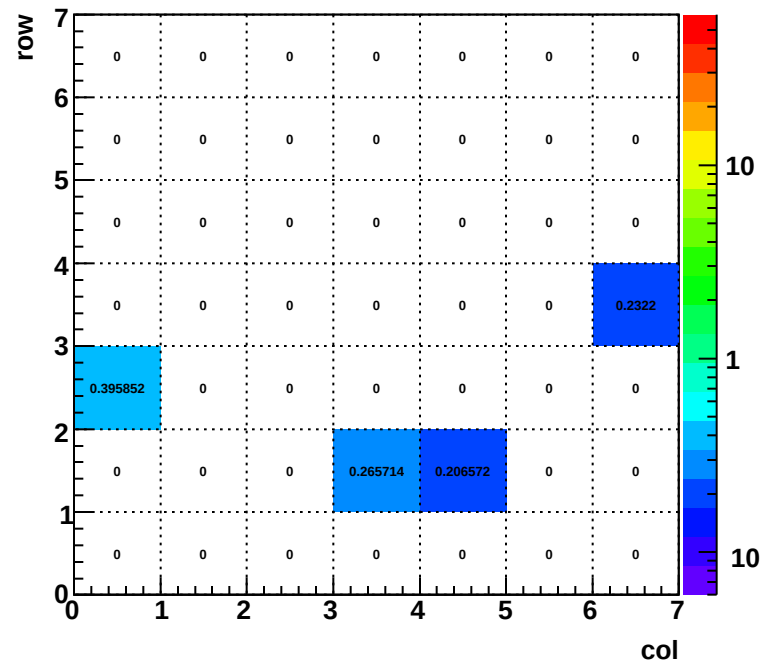
Running Yellow Spin Accumulation



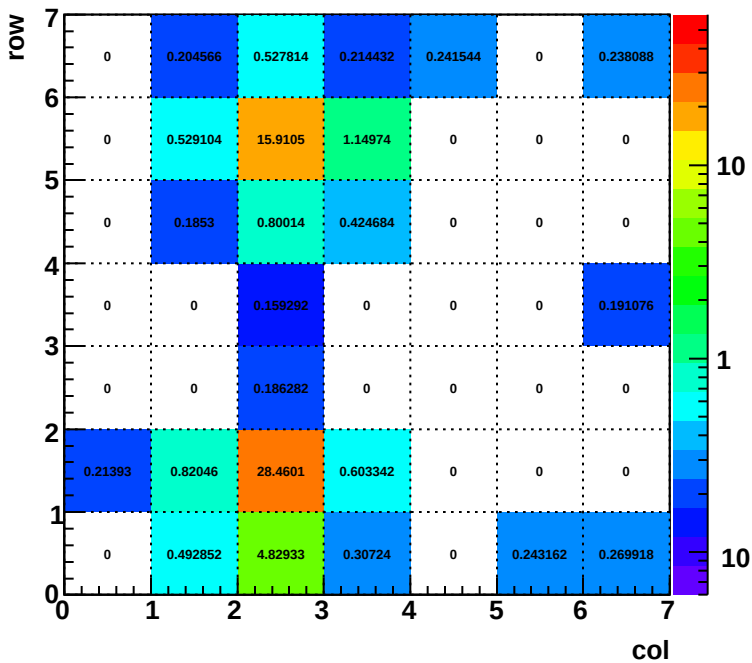
spcntH

Entries	235
Mean	0.2
RMS	0.9798

North FPD



South FPD



236) Rnum=7126065 EventN=8107703 (2 Yd-S[+])

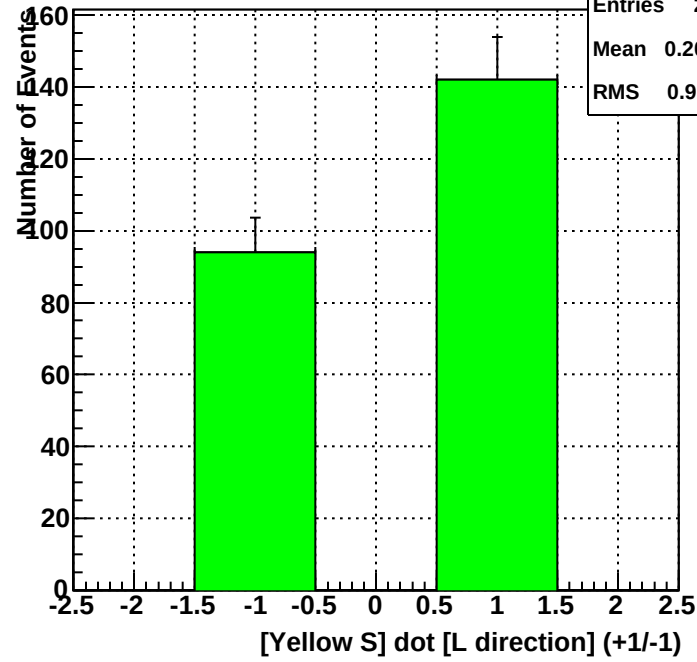
(1) Energy=39.143879 Y=-3.443604 Phi=3.135479

(2) Energy=20.961039 Y=-3.847954 Phi=3.131018

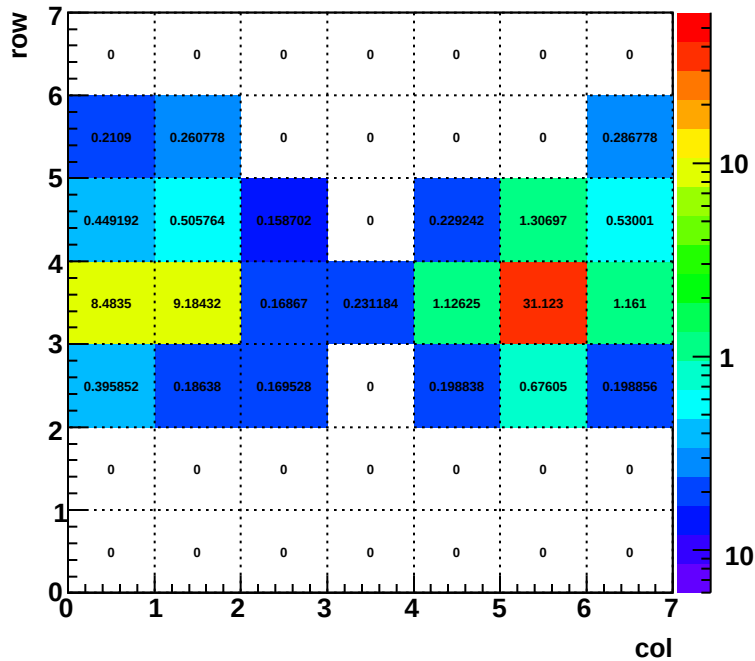
M12=0.608 Y12=-3.567 Phi12=3.134 E12=60.105

SumN(-) = 94 SumN(+)= 142 AN/6=0.339

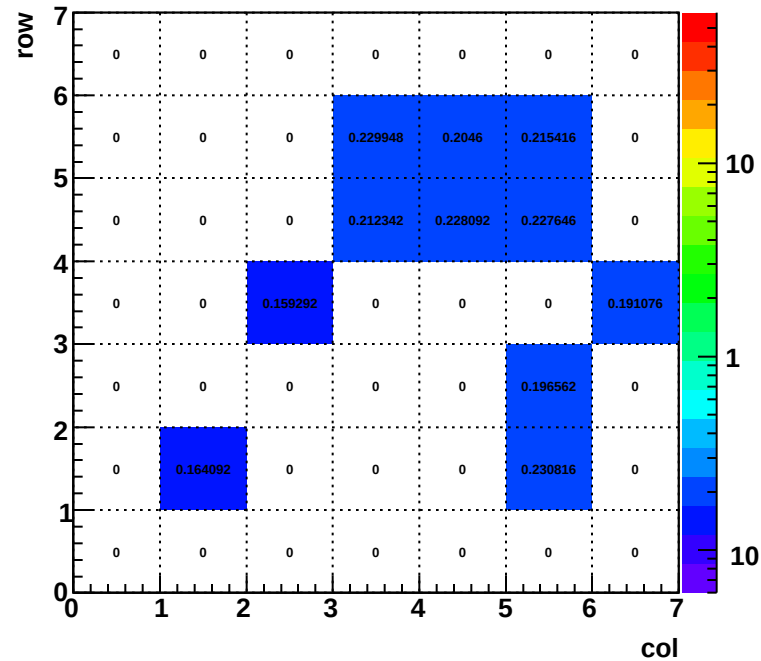
Running Yellow Spin Accumulation



North FPD



South FPD



237) Rnum=7126065 EventN=2503959 (1 Yu-N[+])

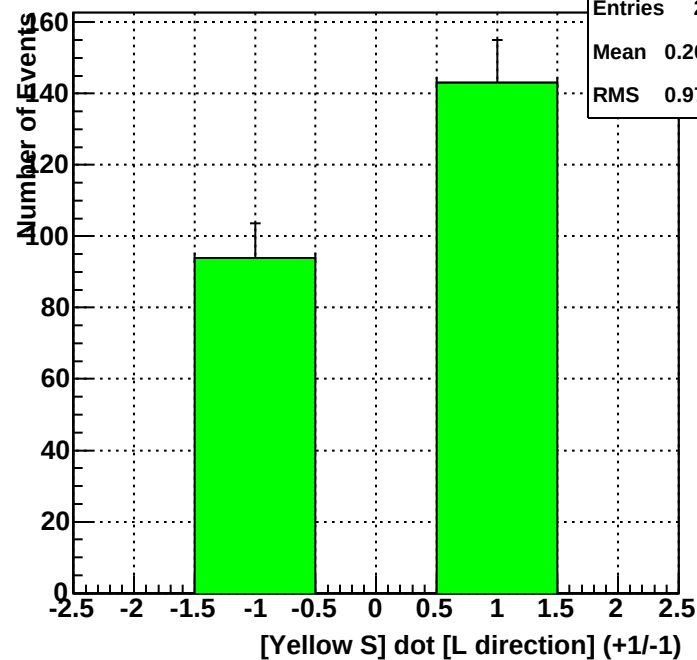
(1) Energy=39.159531 Y=-3.732491 Phi=-0.033159

(2) Energy=23.845644 Y=-3.691167 Phi=0.320545

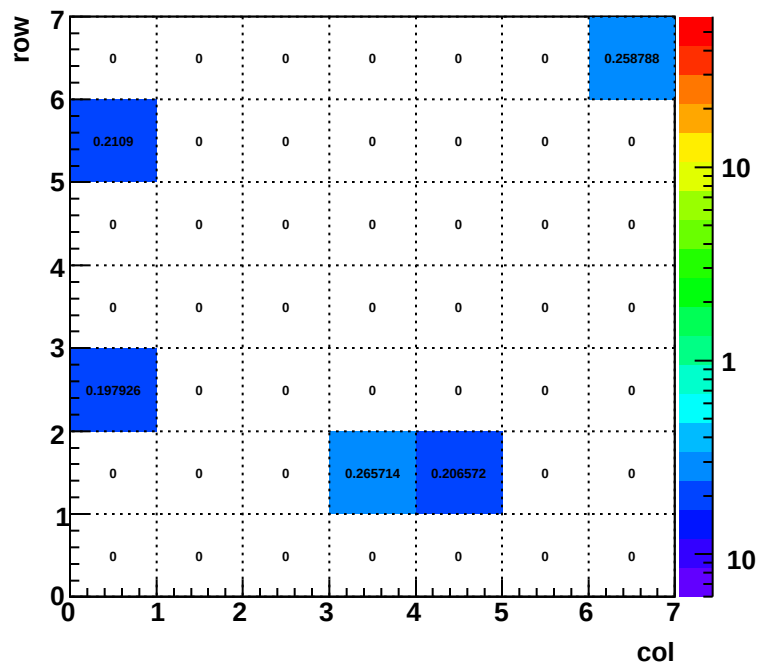
M12=0.528 Y12=-3.732 Phi12=0.104 E12=63.005

SumN(-) = 94 SumN(+)= 143 AN/6=0.345

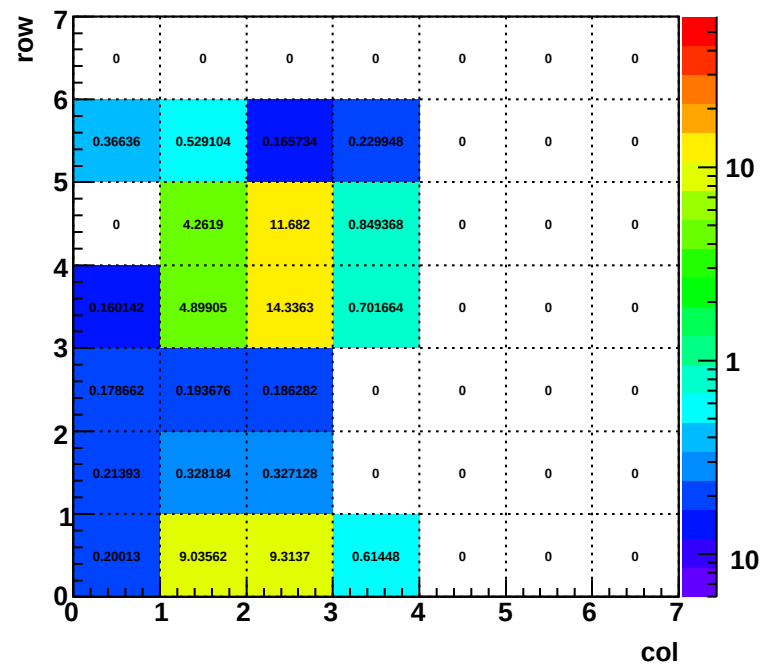
Running Yellow Spin Accumulation



North FPD



South FPD



238) Rnum=7127010 EventN=203346 (2 Yd-S[+])

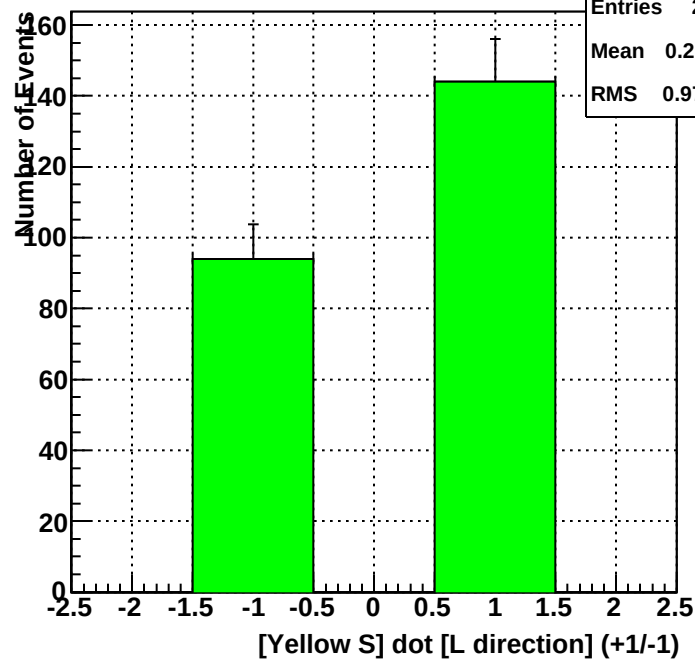
(1) Energy=33.393024 Y=-3.891734 Phi=2.977672

(2) Energy=31.509111 Y=-3.595482 Phi=-3.124176

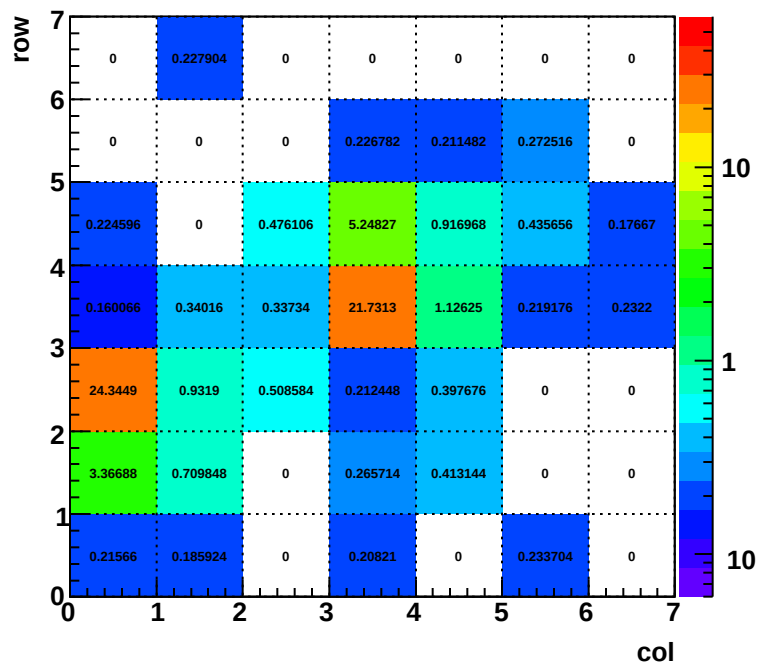
M12=0.534 Y12=-3.741 Phi12=3.079 E12=64.902

SumN(-) = 94 SumN(+)= 144 AN/6=0.350

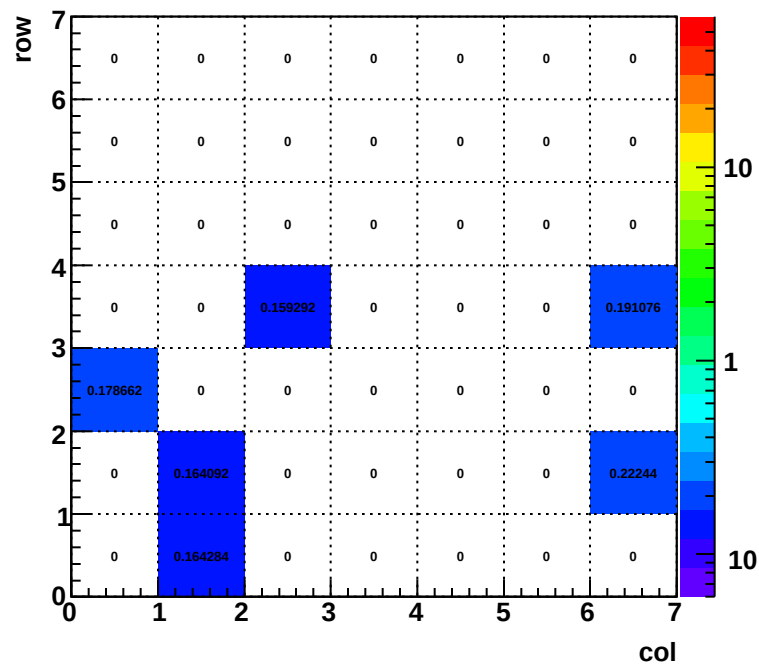
Running Yellow Spin Accumulation



North FPD



South FPD



239) Rnum=7127010 EventN=607288 (2 Yd-S[+])

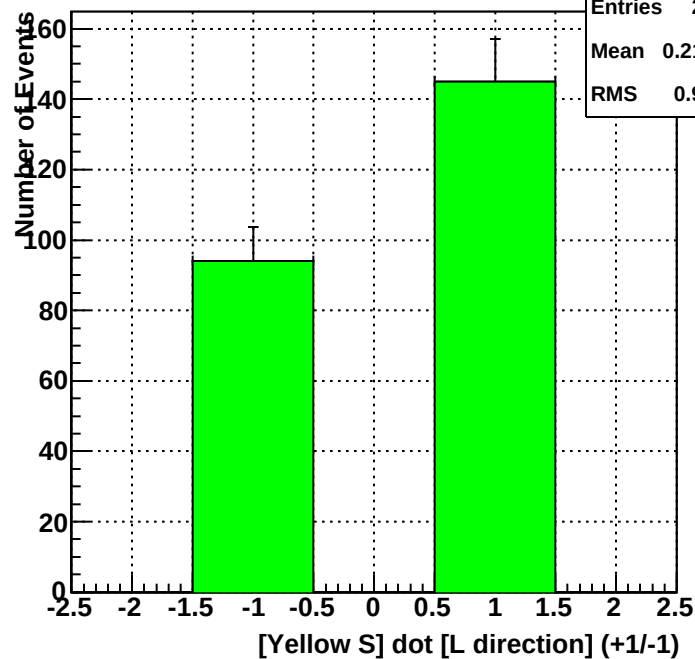
(1) Energy=42.353386 Y=-3.834161 Phi=3.111183

(2) Energy=19.694571 Y=-3.553886 Phi=2.893558

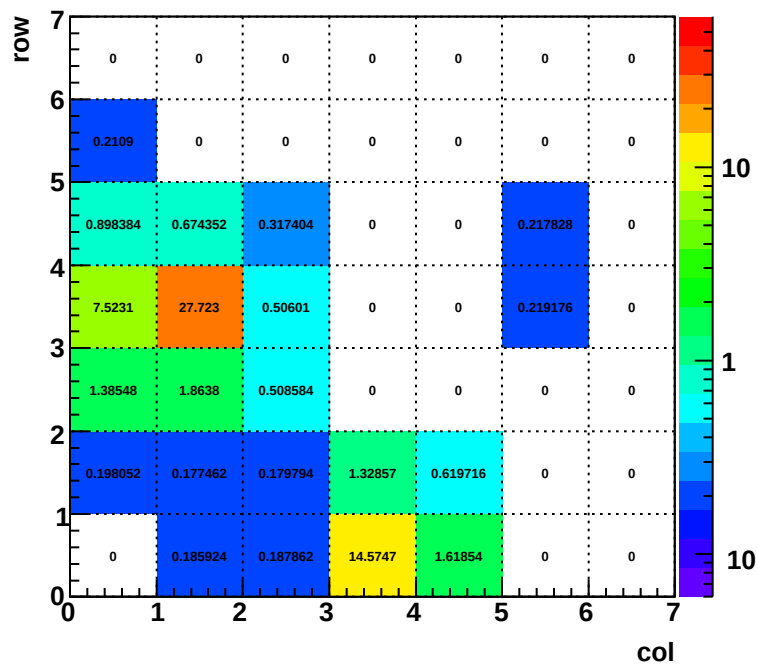
M12=0.510 Y12=-3.742 Phi12=3.028 E12=62.048

SumN(-) = 94 SumN(+)= 145 AN/6=0.356

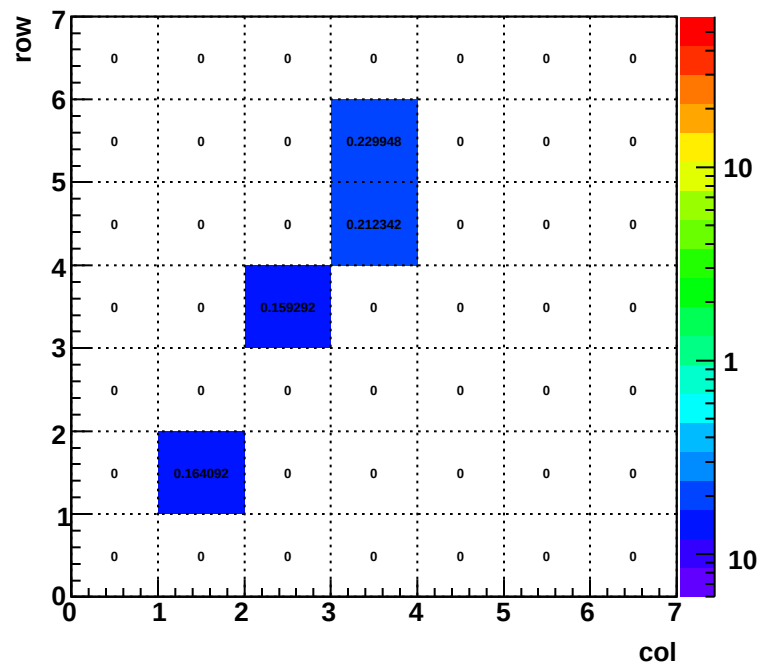
Running Yellow Spin Accumulation



North FPD



South FPD



240) Rnum=7127010 EventN=701910 (0 Yd-N[-])

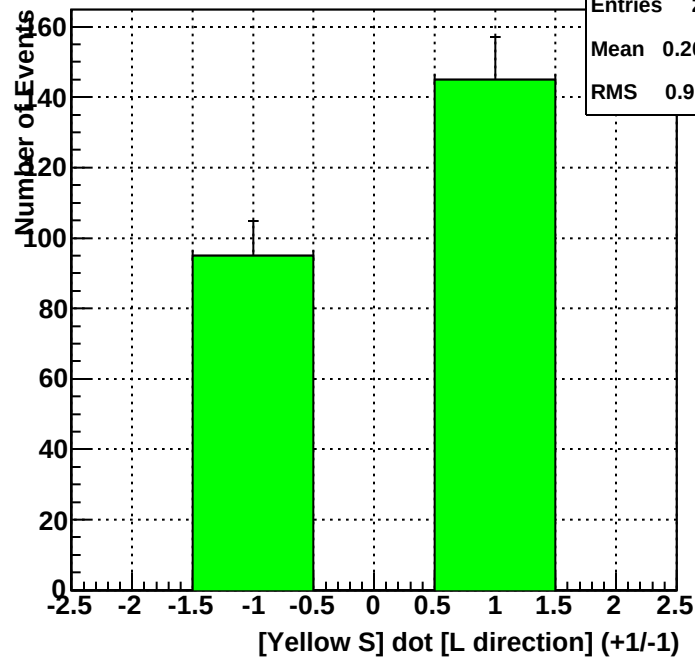
(1) Energy=53.938957 Y=-3.790328 Phi=0.054272

(2) Energy=12.846010 Y=-3.438834 Phi=-0.016615

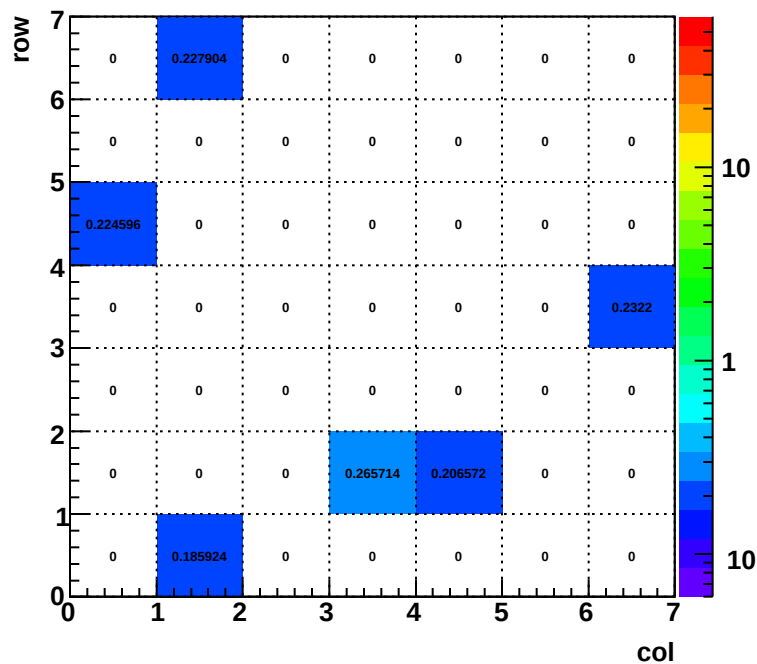
M12=0.511 Y12=-3.713 Phi12=0.036 E12=66.785

SumN(-) = 95 SumN(+)= 145 AN/6=0.347

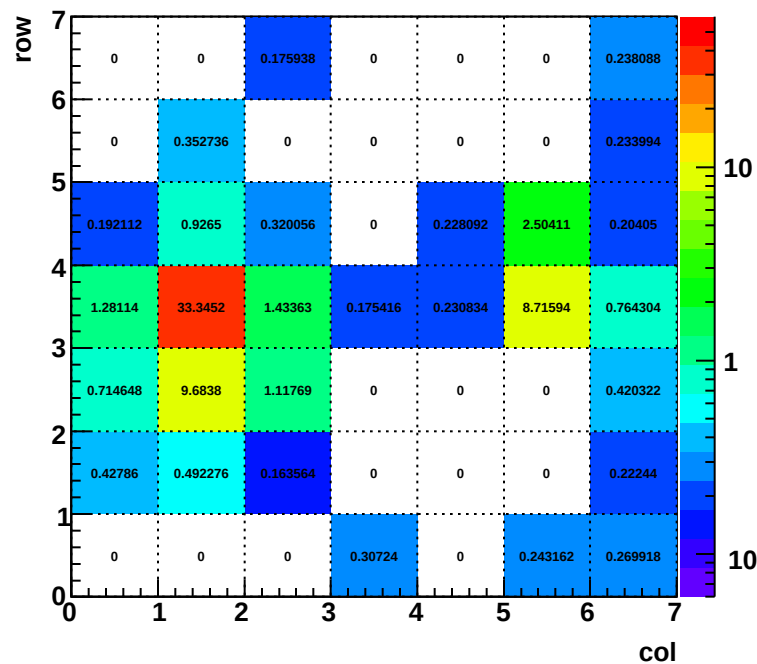
Running Yellow Spin Accumulation



North FPD



South FPD



241) Rnum=7127024 EventN=909066 (0 Yd-N[-])

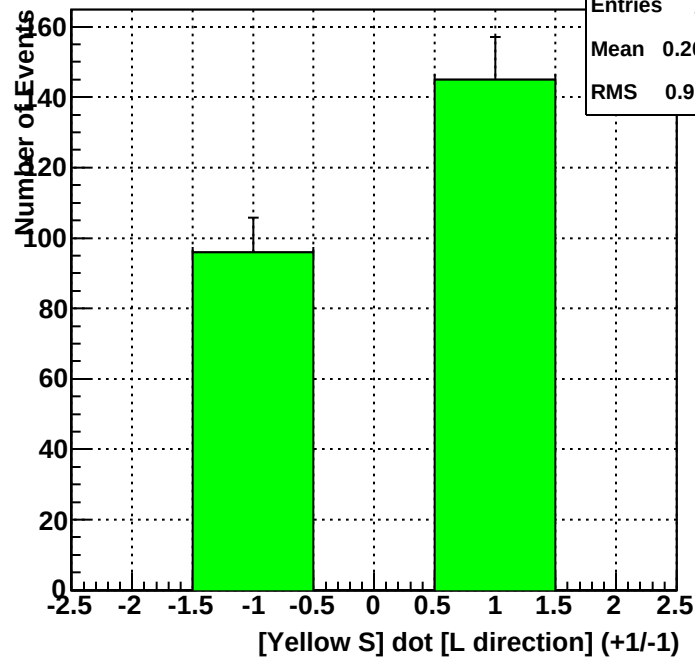
(1) Energy=35.646893 Y=-3.919014 Phi=-0.137984

(2) Energy=28.118174 Y=-3.645895 Phi=0.074398

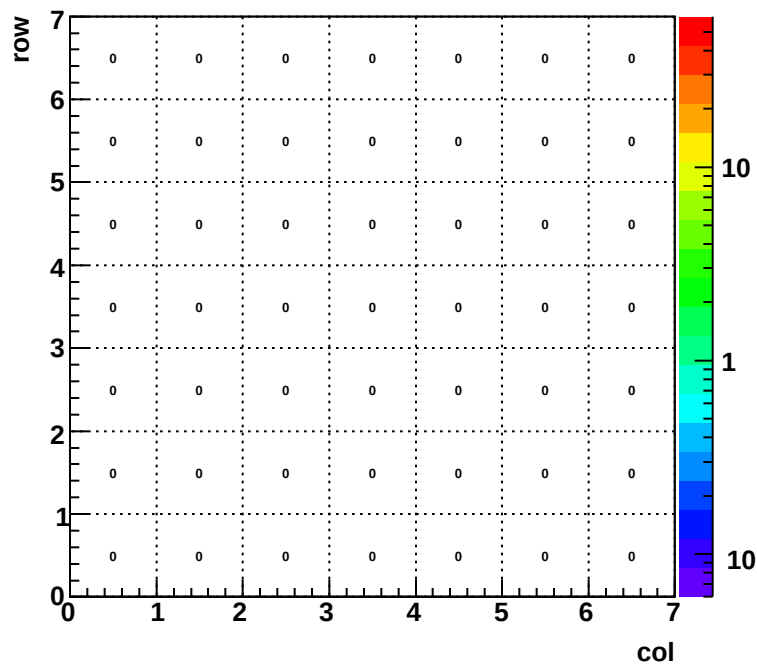
M12=0.499 Y12=-3.795 Phi12=-0.030 E12=63.765

SumN(-) = 96 SumN(+)= 145 AN/6=0.339

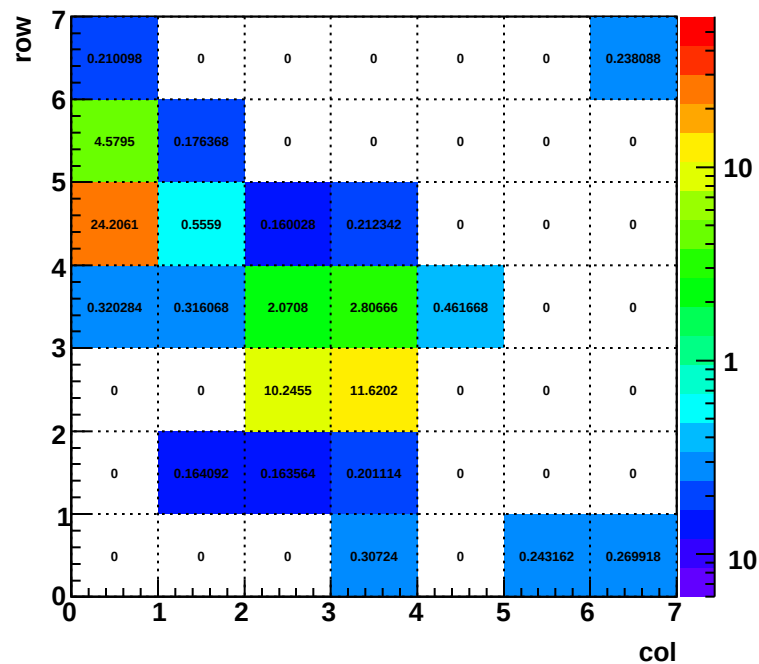
Running Yellow Spin Accumulation



North FPD



South FPD



242) Rnum=7127033 EventN=4003234 (3 Yu-N[+])

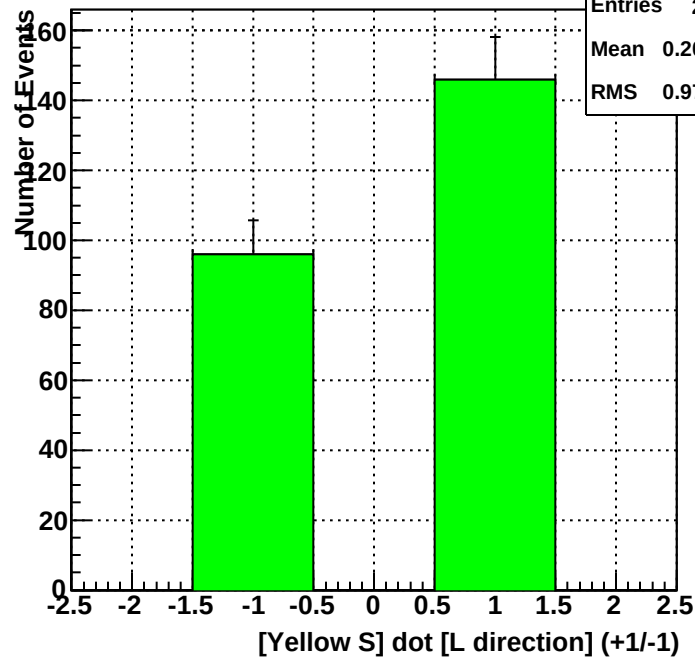
(1) Energy=50.964836 Y=-3.832506 Phi=0.088746

(2) Energy=10.242951 Y=-3.446931 Phi=-0.131299

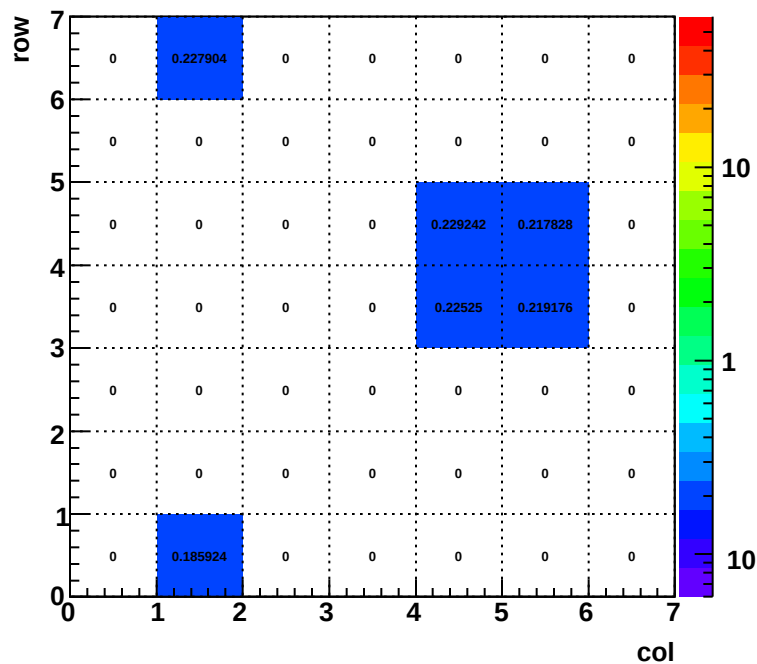
M12=0.535 Y12=-3.761 Phi12=0.039 E12=61.208

SumN(-) = 96 SumN(+)= 146 AN/6=0.344

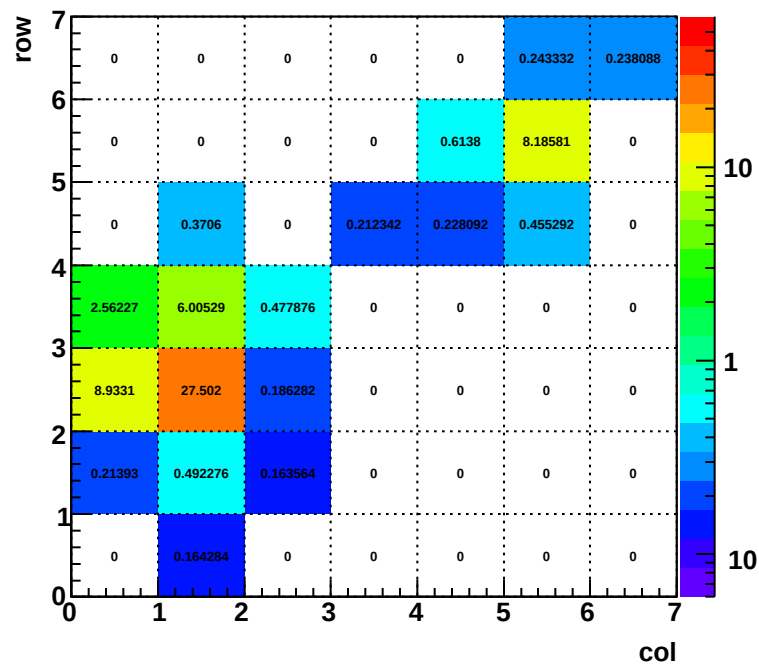
Running Yellow Spin Accumulation



North FPD



South FPD



243) Rnum=7127033 EventN=1205029 (3 Yu-S[-])

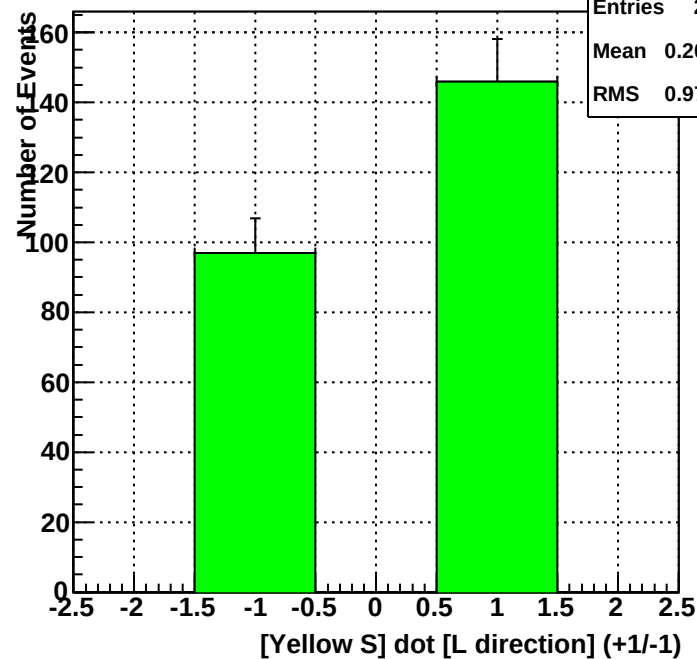
(1) Energy=33.892620 Y=-3.655761 Phi=3.128634

(2) Energy=26.677013 Y=-3.363570 Phi=3.097860

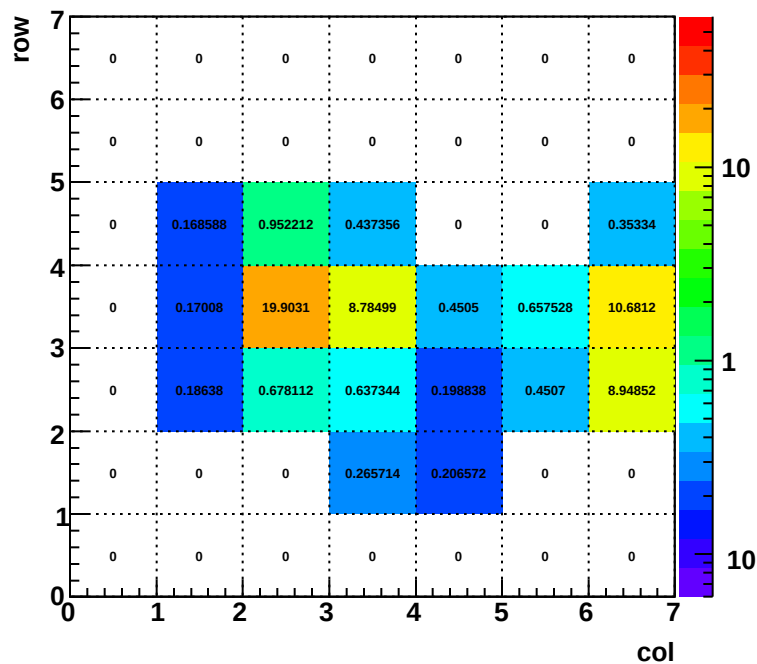
M12=0.530 Y12=-3.517 Phi12=3.113 E12=60.570

SumN(-) = 97 SumN(+)= 146 AN/6=0.336

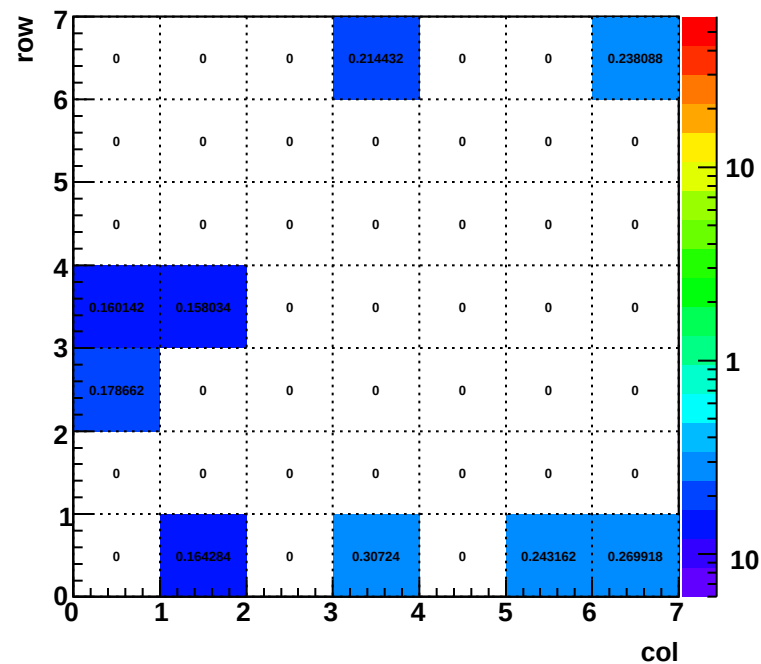
Running Yellow Spin Accumulation



North FPD



South FPD



244) Rnum=7127033 EventN=1209546 (2 Yd-N[-])

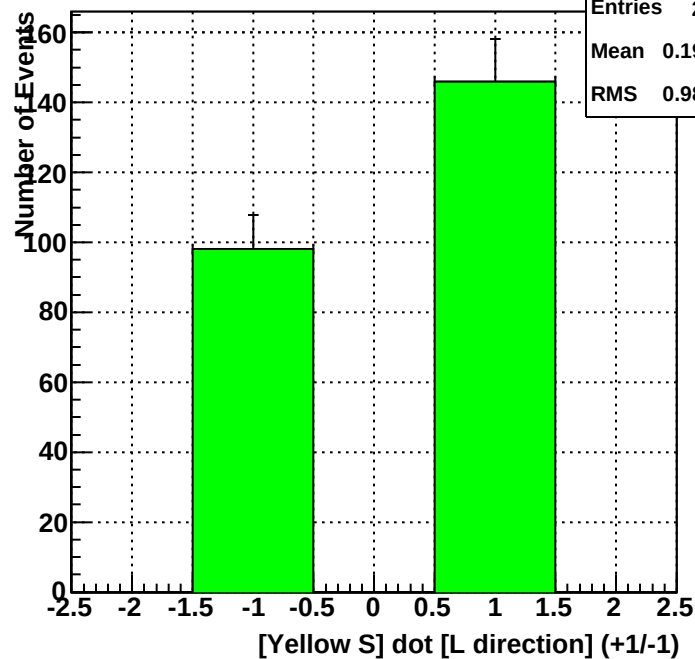
(1) Energy=35.079601 Y=-3.771163 Phi=-0.169900

(2) Energy=25.287294 Y=-3.759761 Phi=0.245293

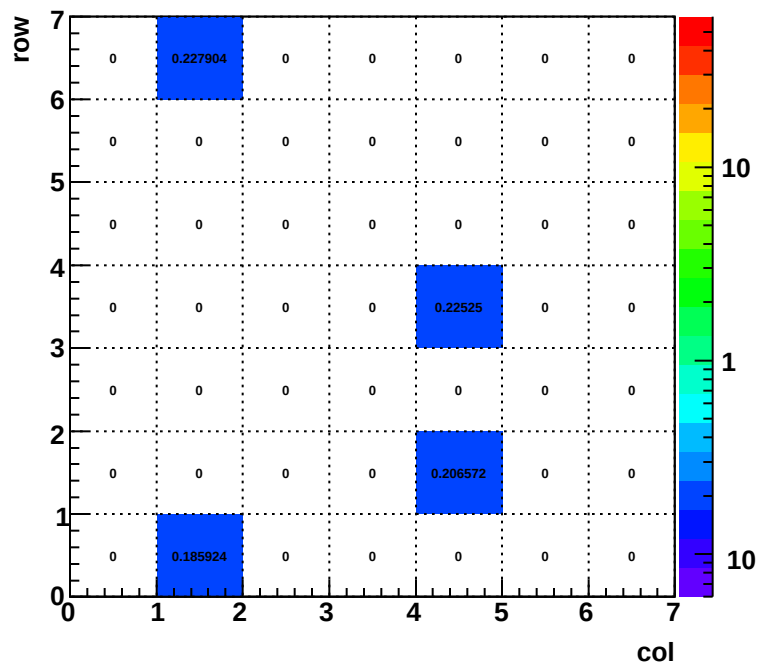
M12=0.568 Y12=-3.788 Phi12=0.005 E12=60.367

SumN(-) = 98 SumN(+)= 146 AN/6=0.328

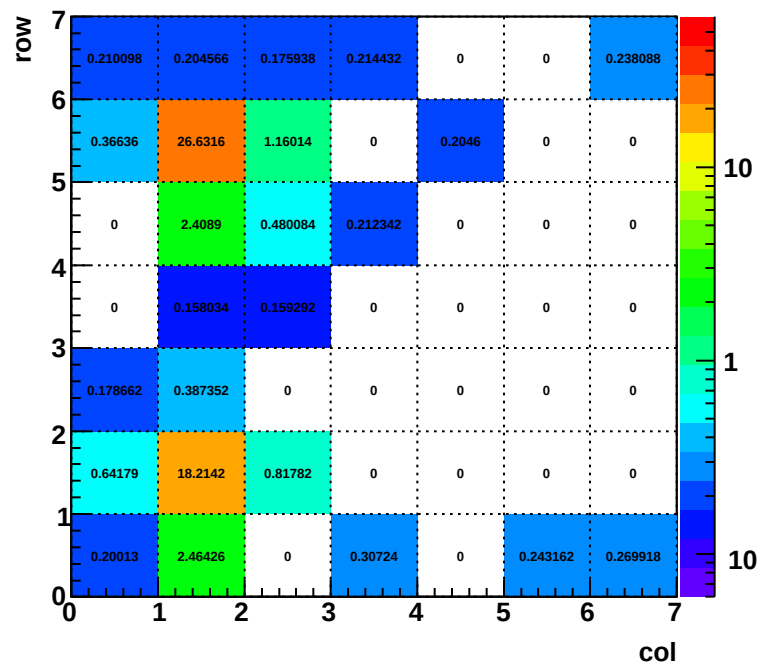
Running Yellow Spin Accumulation



North FPD



South FPD



245) Rnum=7127037 EventN=602344 (0 Yd-S[+])

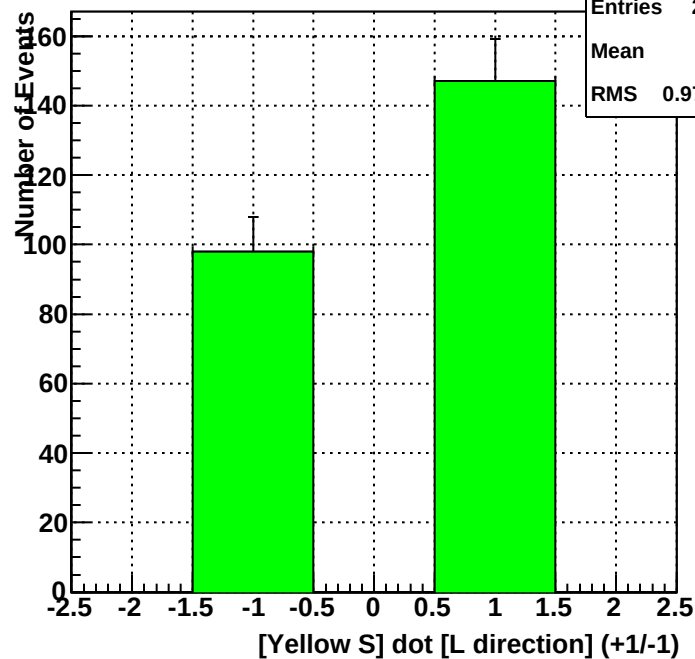
(1) Energy=47.248177 Y=-3.845327 Phi=3.059381

(2) Energy=19.817516 Y=-3.608174 Phi=-2.971343

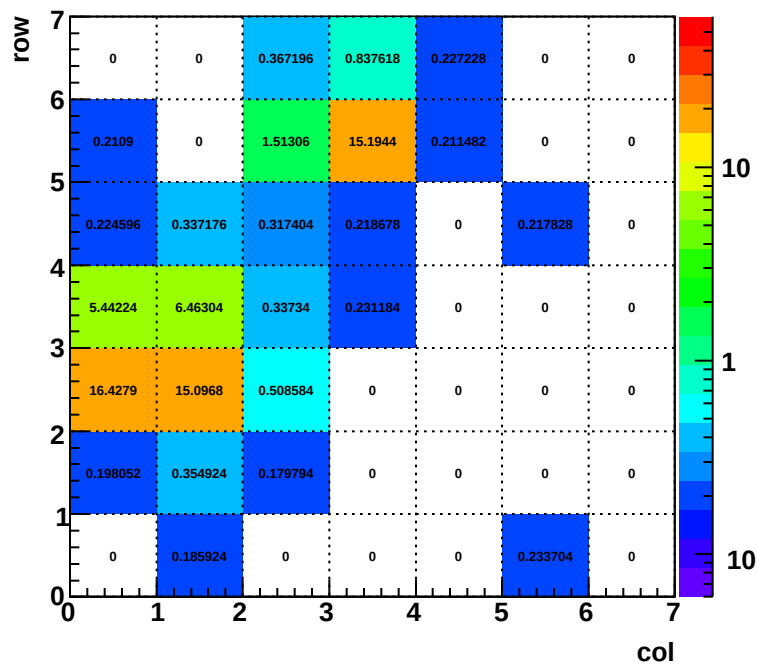
M12=0.509 Y12=-3.776 Phi12=-3.136 E12=67.066

SumN(-) = 98 SumN(+)= 147 AN/6=0.333

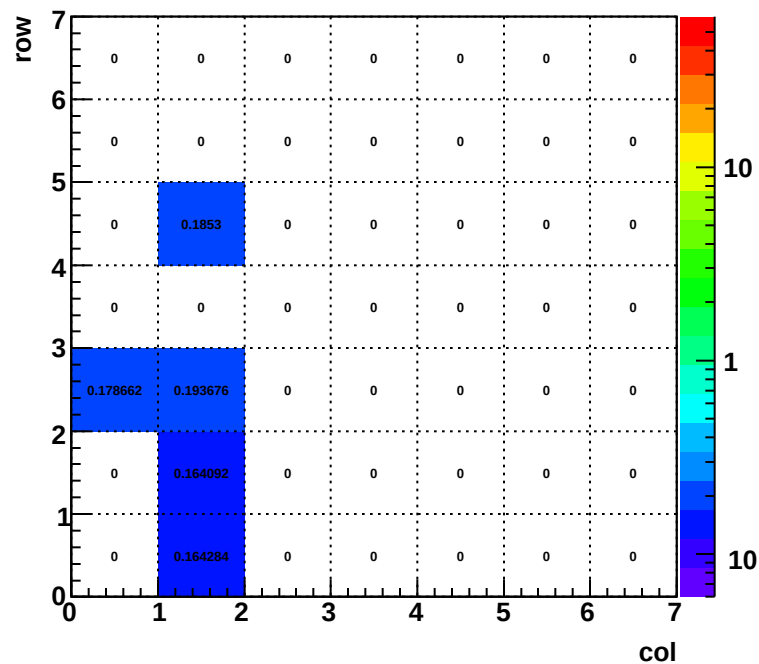
Running Yellow Spin Accumulation



North FPD



South FPD



246) Rnum=7127037 EventN=1305879 (0 Yd-N[-])

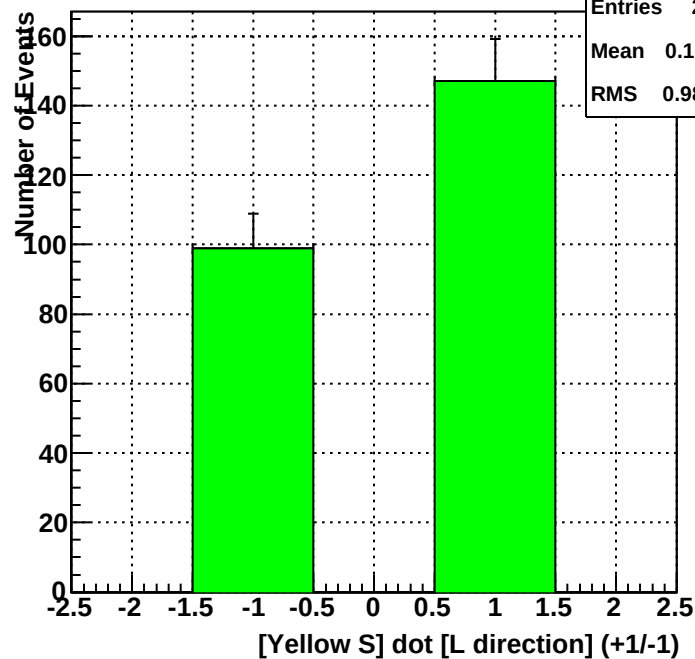
(1) Energy=48.562145 Y=-3.640262 Phi=0.151111

(2) Energy=11.722933 Y=-3.524262 Phi=-0.190925

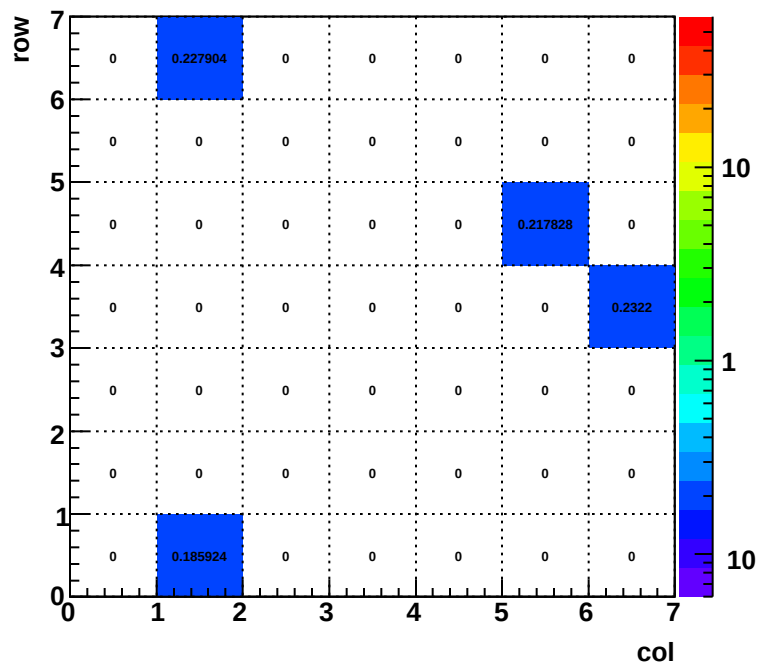
M12=0.477 Y12=-3.626 Phi12=0.079 E12=60.285

SumN(-) = 99 SumN(+)= 147 ANI.6=0.325

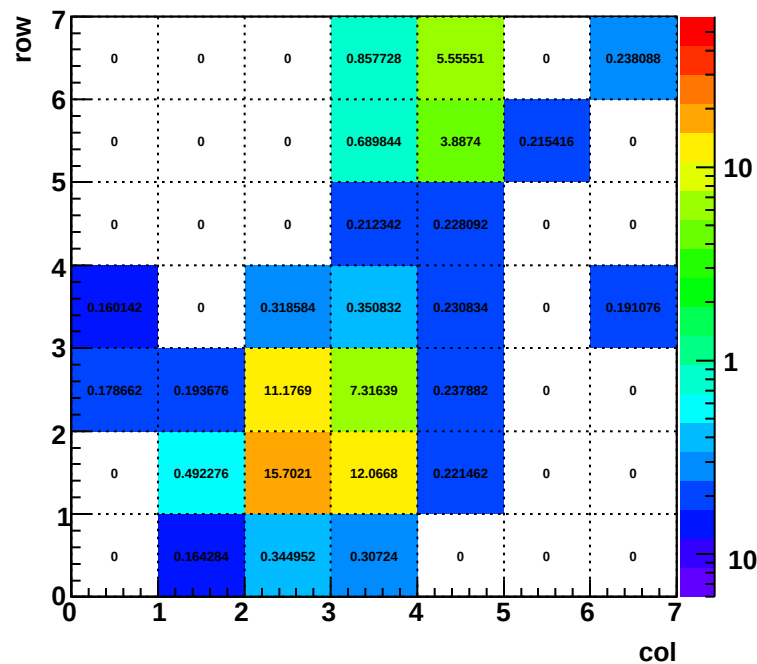
Running Yellow Spin Accumulation



North FPD



South FPD



247) Rnum=7127038 EventN=4809942 (1 Yu-N[+])

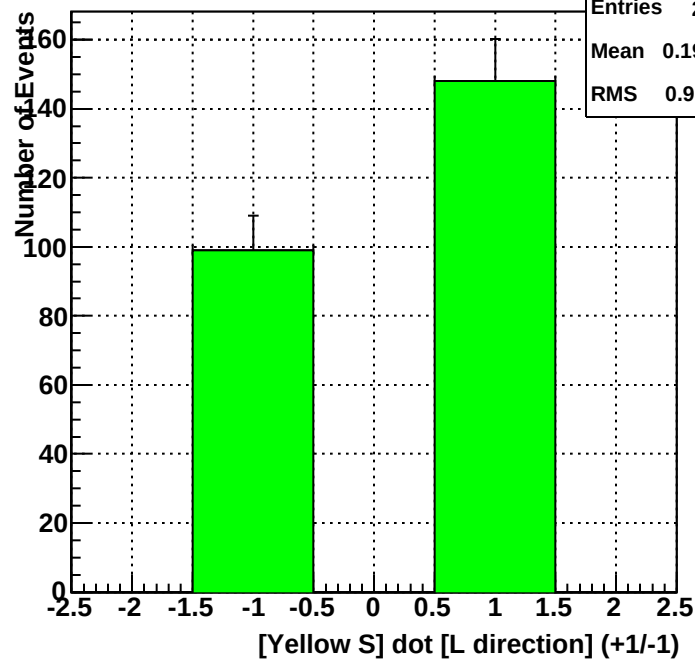
(1) Energy=53.914257 Y=-3.860657 Phi=0.015360

(2) Energy=7.714415 Y=-3.377018 Phi=-0.162543

M12=0.568 Y12=-3.788 Phi12=-0.018 E12=61.629

SumN(-) = 99 SumN(+)= 148 AN/6=0.331

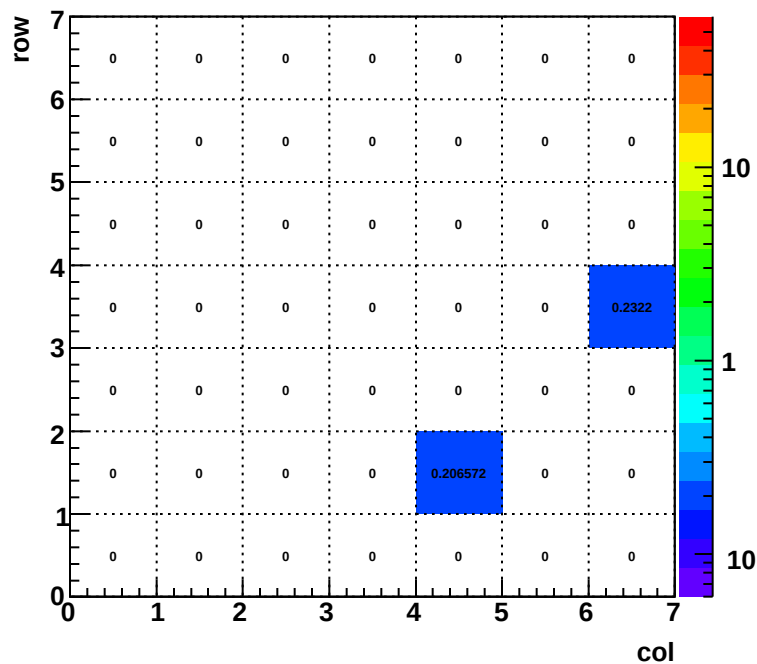
Running Yellow Spin Accumulation



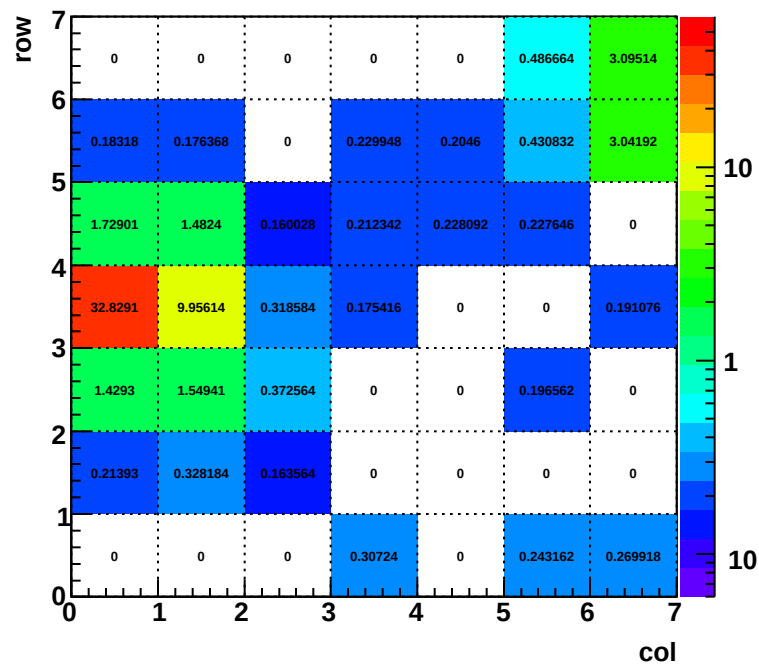
spcntH

Entries 247
Mean 0.1984
RMS 0.9801

North FPD



South FPD



248) Rnum=7127039 EventN=902218 (3 Yu-N[+])

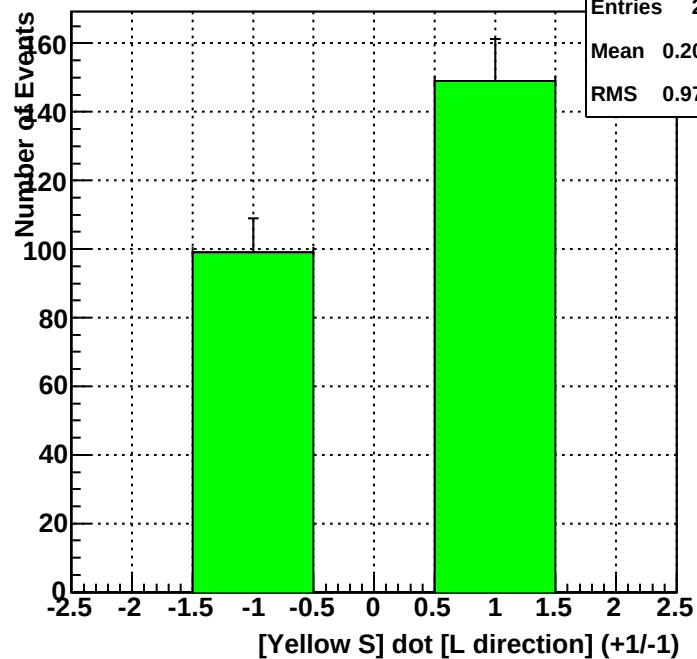
(1) Energy=37.933167 Y=-3.812789 Phi=0.072578

(2) Energy=24.258732 Y=-3.672835 Phi=-0.275673

M12=0.537 Y12=-3.771 Phi12=-0.075 E12=62.192

SumN(-) = 99 SumN(+)= 149 AN/6=0.336

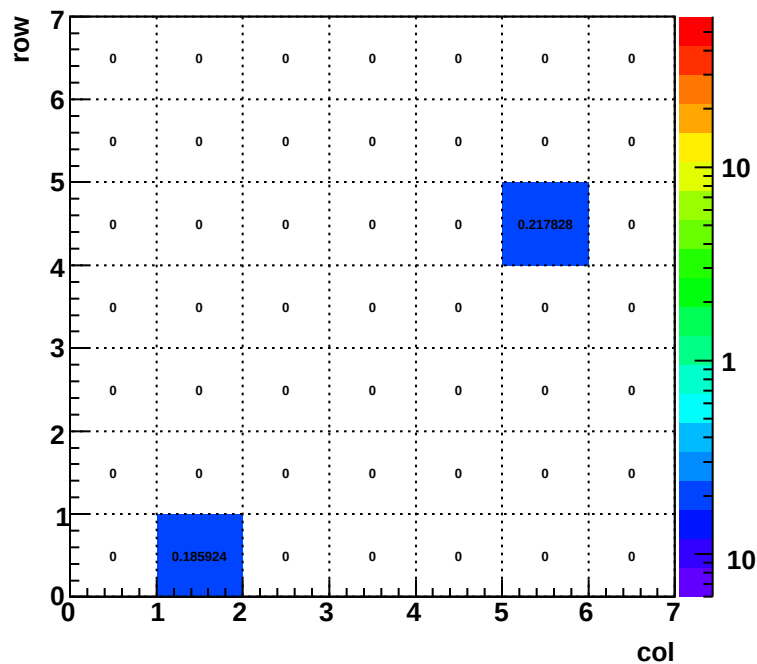
Running Yellow Spin Accumulation



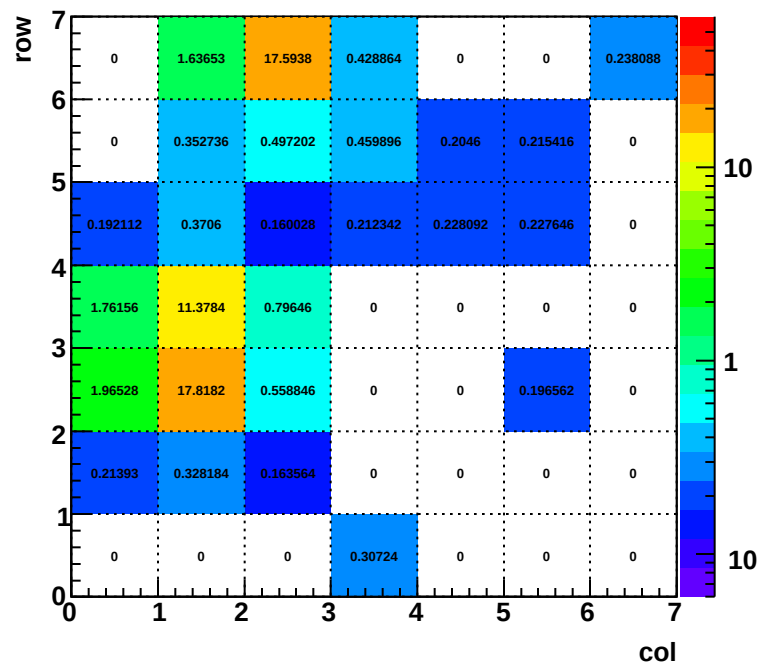
spcntH

Entries 248
Mean 0.2016
RMS 0.9795

North FPD



South FPD



249) Rnum=7127042 EventN=2907994 (1 Yu-N[+])

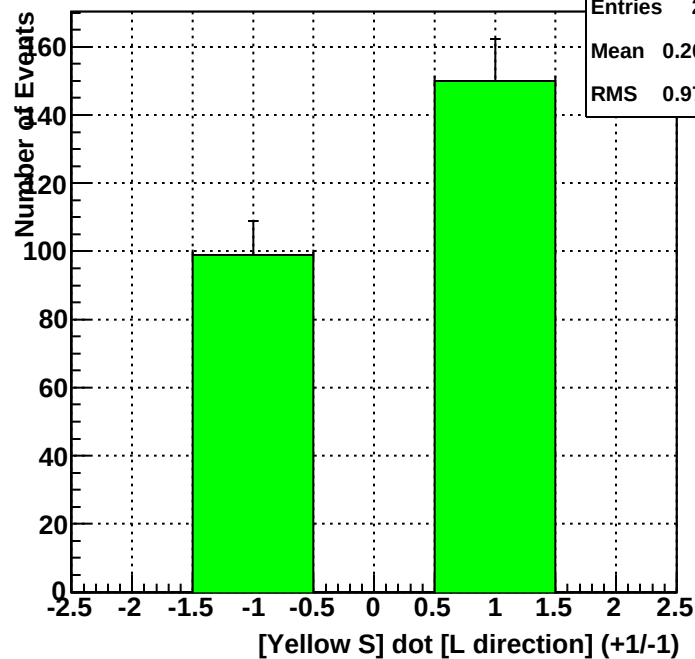
(1) Energy=51.179115 Y=-3.758239 Phi=0.123514

(2) Energy=11.994474 Y=-3.752571 Phi=-0.292007

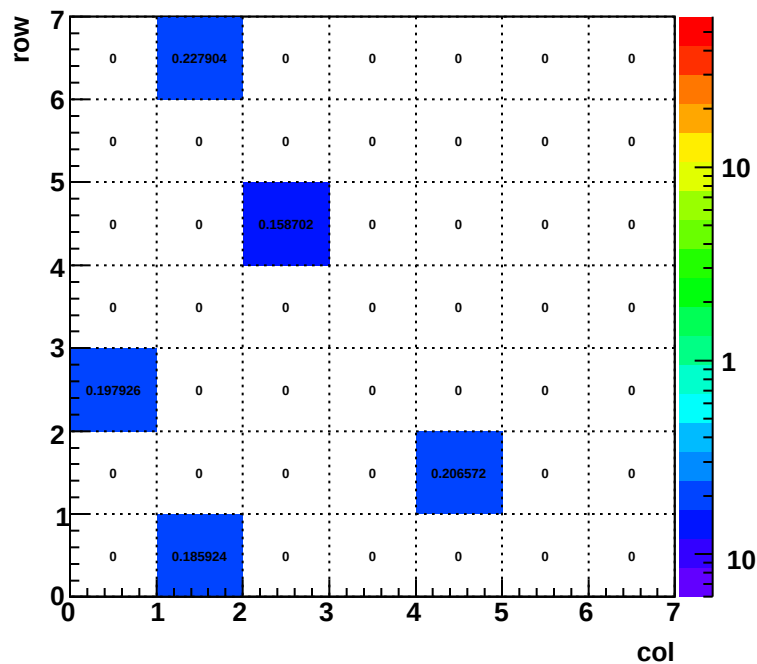
M12=0.478 Y12=-3.770 Phi12=0.045 E12=63.174

SumN(-) = 99 SumN(+)= 150 AN/6=0.341

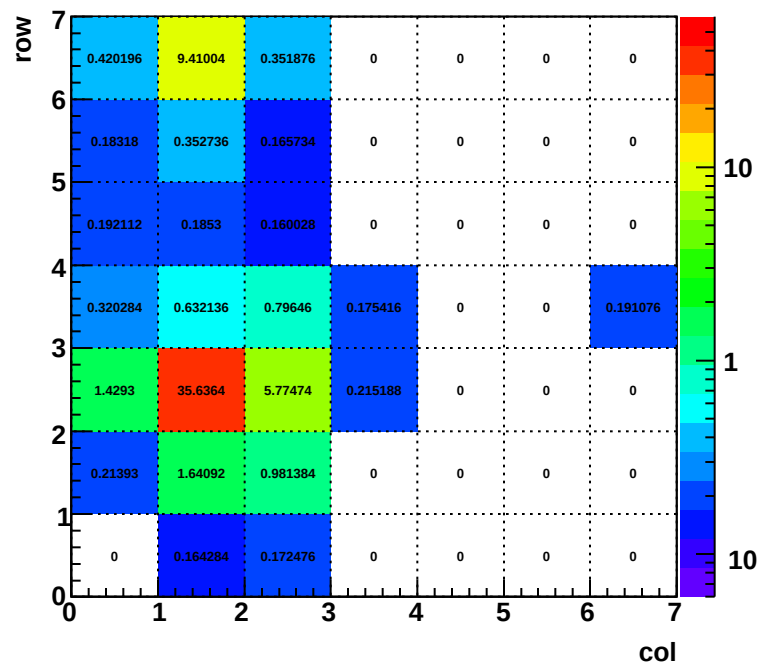
Running Yellow Spin Accumulation



North FPD



South FPD



250) Rnum=7127049 EventN=1009338 (3 Yu-N[+])

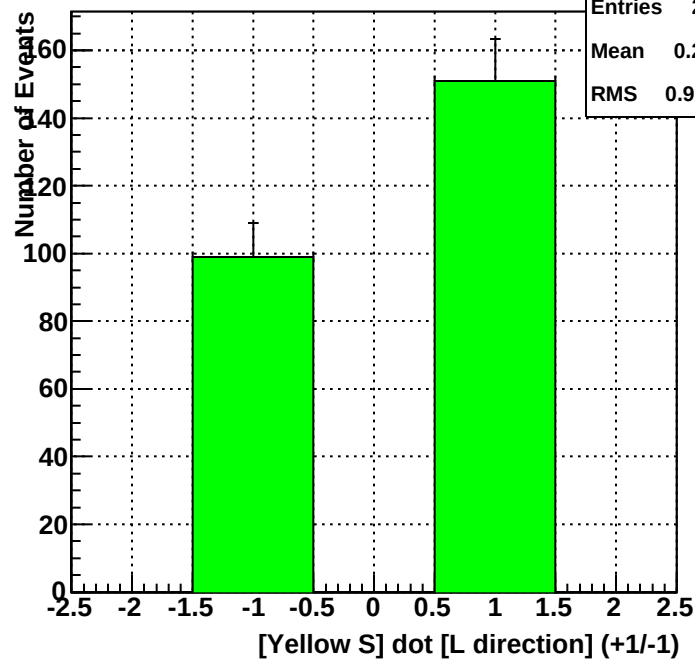
(1) Energy=35.465088 Y=-3.715656 Phi=0.212391

(2) Energy=24.848488 Y=-3.564858 Phi=-0.086203

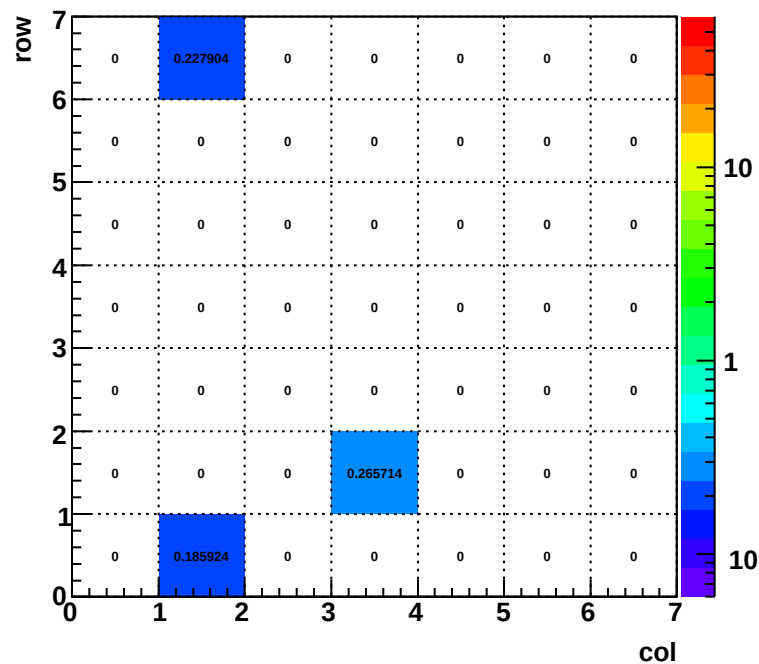
M12=0.519 Y12=-3.662 Phi12=0.078 E12=60.314

SumN(-) = 99 SumN(+)= 151 AN/6=0.347

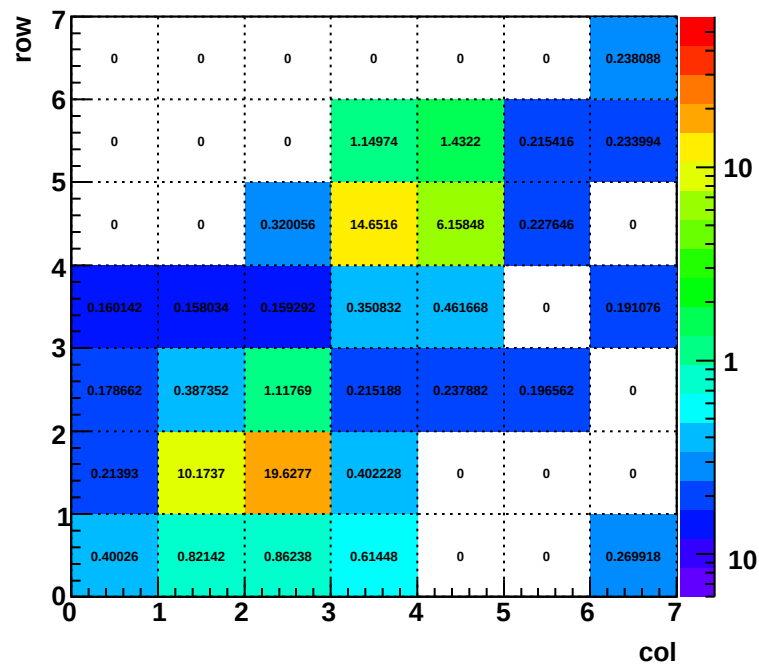
Running Yellow Spin Accumulation



North FPD



South FPD



251) Rnum=7127049 EventN=1102908 (1 Yu-N[+])

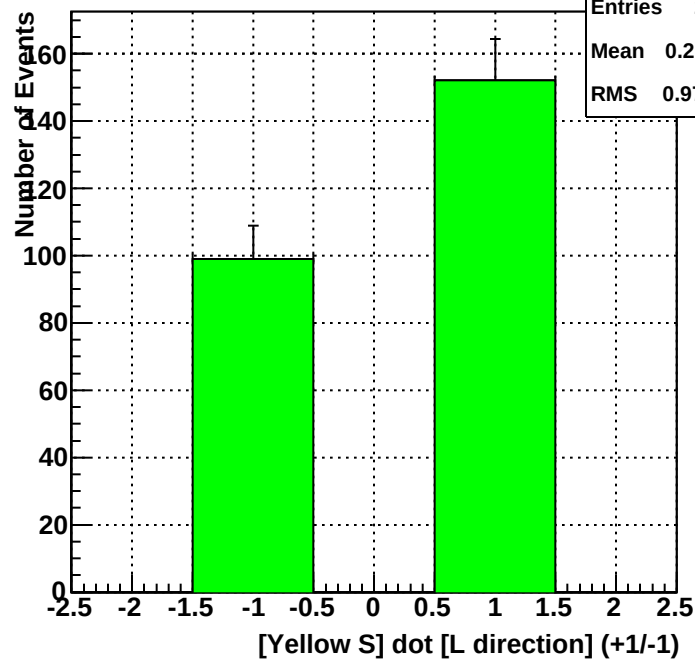
(1) Energy=55.573727 Y=-3.679255 Phi=0.137236

(2) Energy=11.263604 Y=-3.645518 Phi=-0.250702

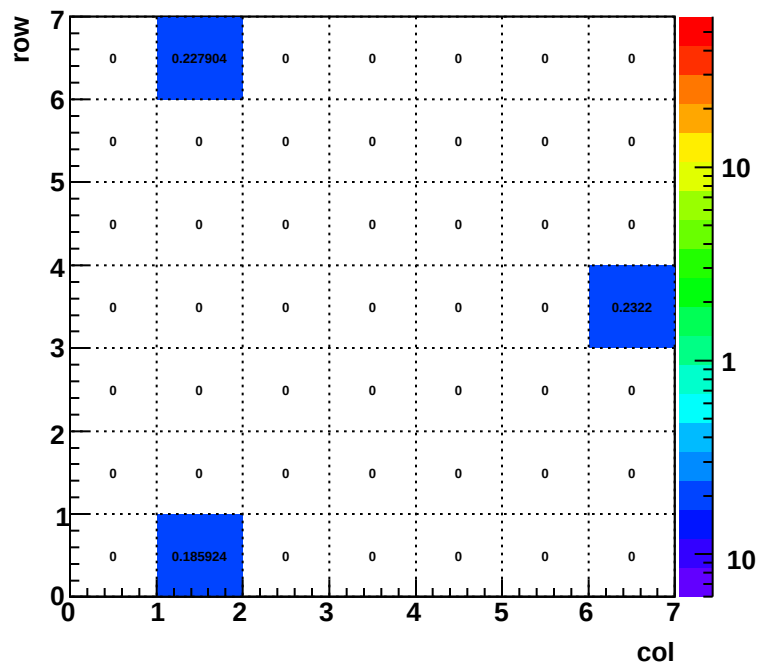
M12=0.497 Y12=-3.684 Phi12=0.071 E12=66.837

SumN(-) = 99 SumN(+)= 152 AN/6=0.352

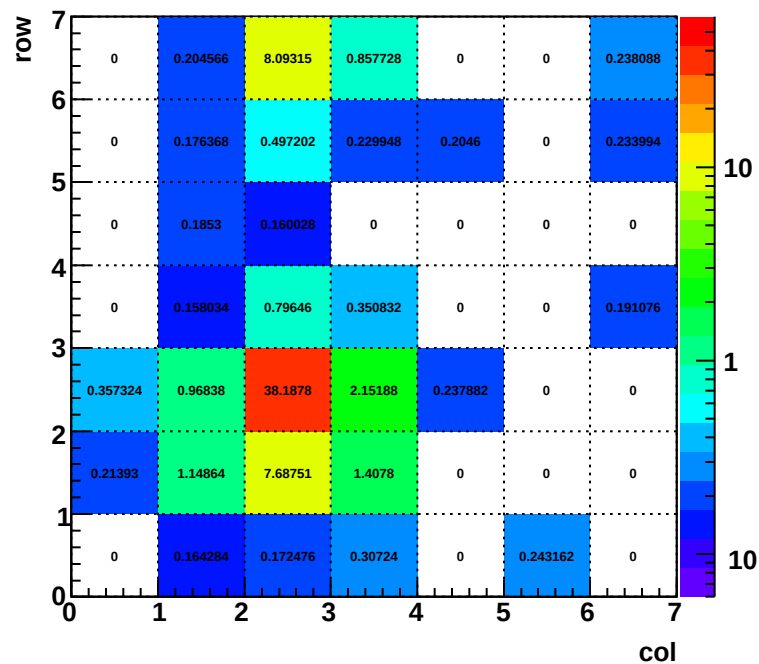
Running Yellow Spin Accumulation



North FPD



South FPD



252) Rnum=7127066 EventN=2208024 (3 Yu-S[-])

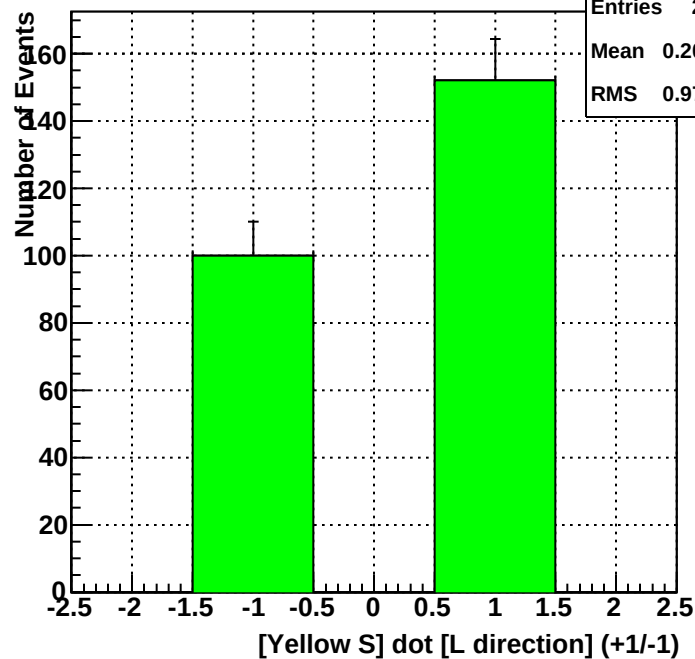
(1) Energy=42.246548 Y=-3.759524 Phi=2.912933

(2) Energy=18.336733 Y=-3.595773 Phi=-3.045507

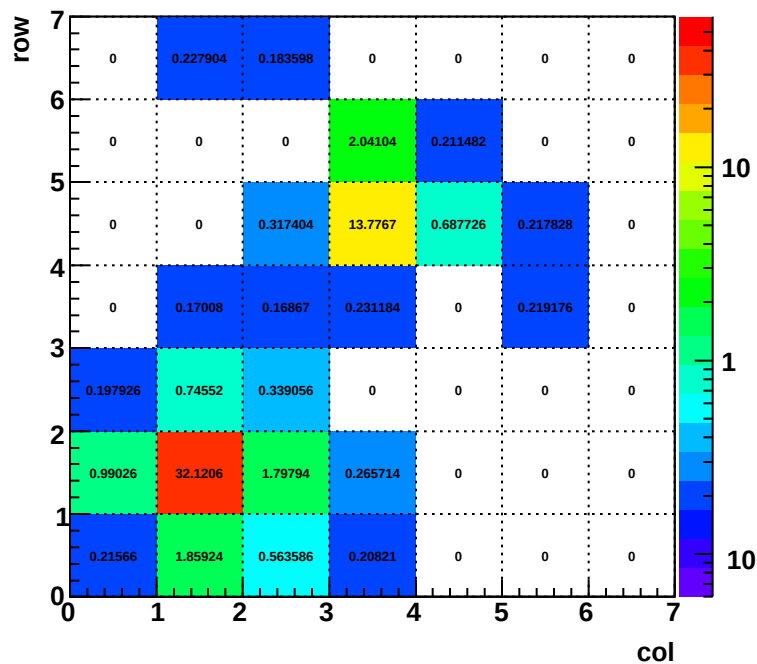
M12=0.510 Y12=-3.719 Phi12=3.022 E12=60.583

SumN(-) = 100 SumN(+)= 152 AN/6=0.344

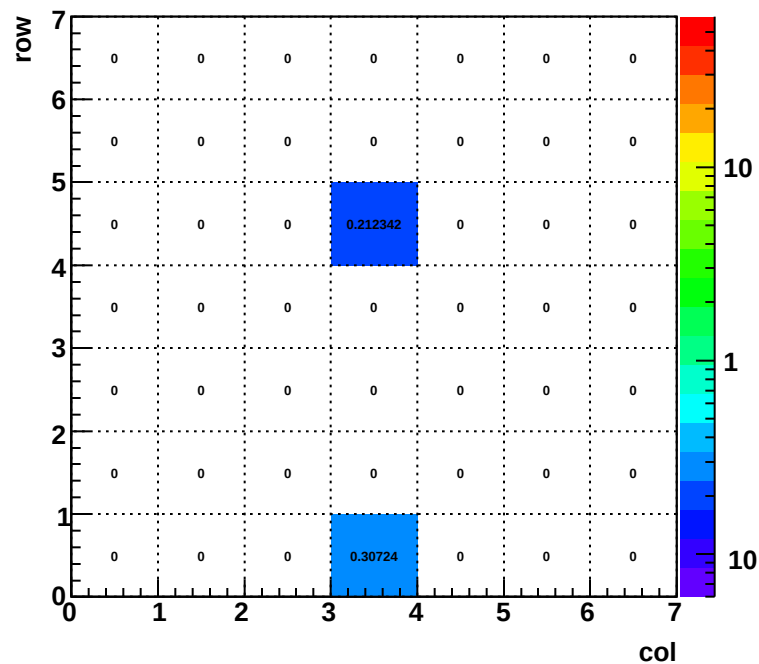
Running Yellow Spin Accumulation



North FPD



South FPD



253) Rnum=7127067 EventN=609087 (2 Yd-S[+])

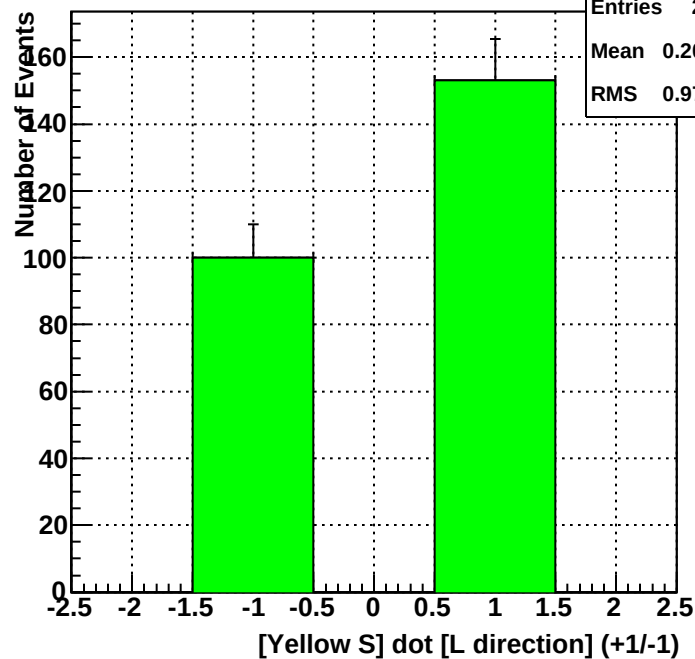
(1) Energy=47.642784 Y=-3.781354 Phi=-3.062906

(2) Energy=15.535796 Y=-3.457954 Phi=3.015221

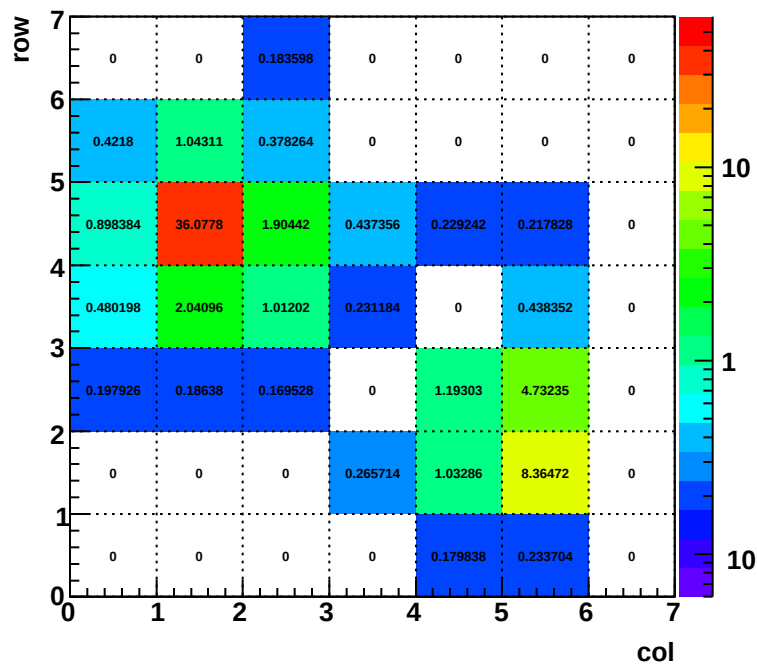
M12=0.559 Y12=-3.696 Phi12=-3.126 E12=63.179

SumN(-) = 100 SumN(+)= 153 AN/.6=0.349

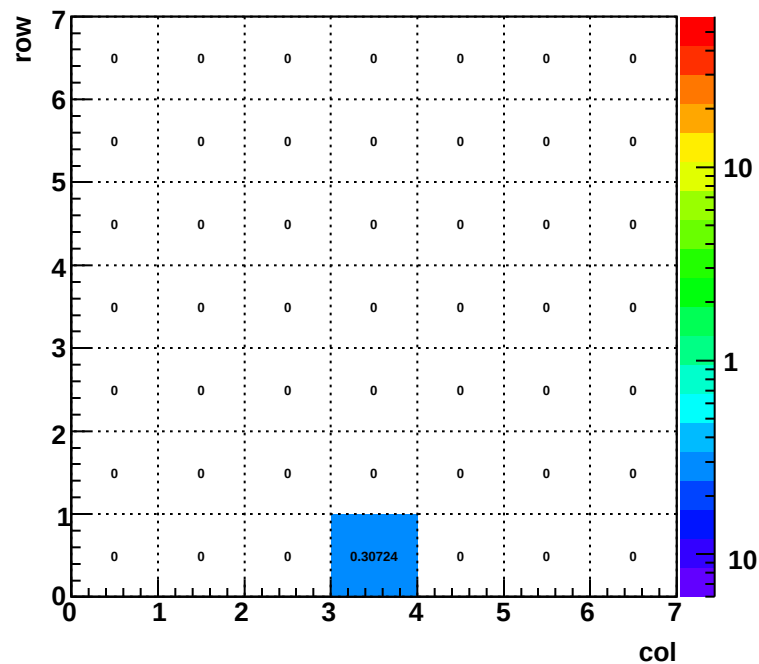
Running Yellow Spin Accumulation



North FPD



South FPD



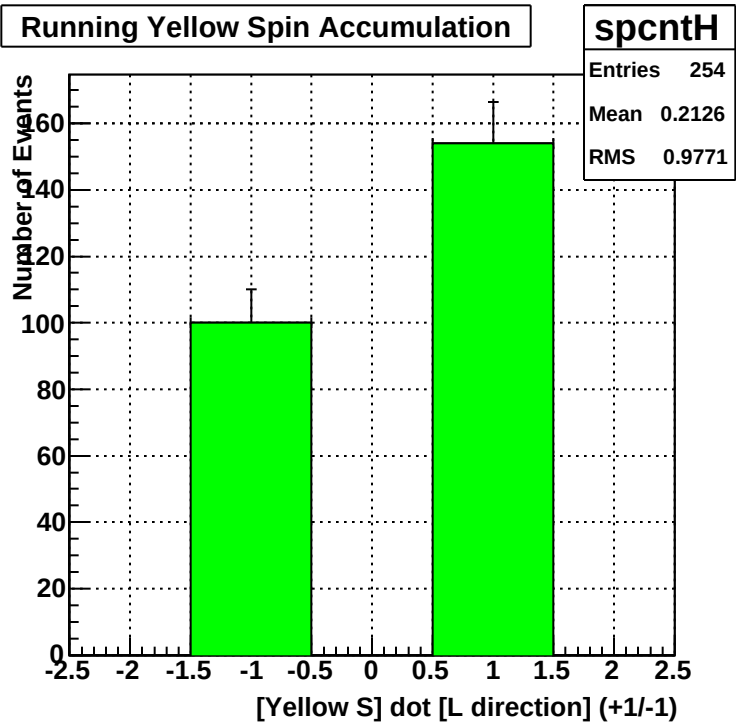
254) Rnum=7127069 EventN=3700458 (1 Yu-N[+])

(1) Energy=34.699516 Y=-3.666807 Phi=0.173391

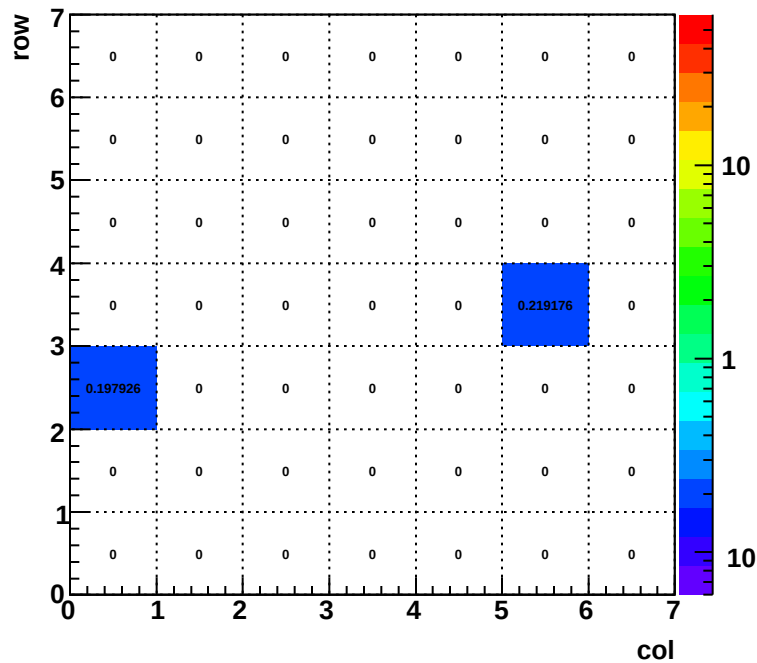
(2) Energy=25.863220 Y=-3.860178 Phi=-0.208256

M12=0.592 Y12=-3.762 Phi12=0.029 E12=60.563

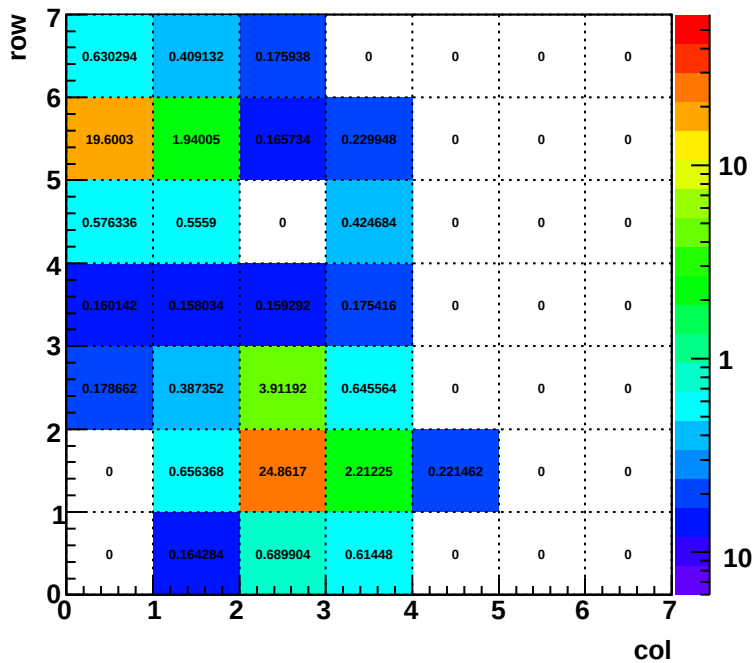
SumN(-) = 100 SumN(+)= 154 AN/6=0.354



North FPD



South FPD



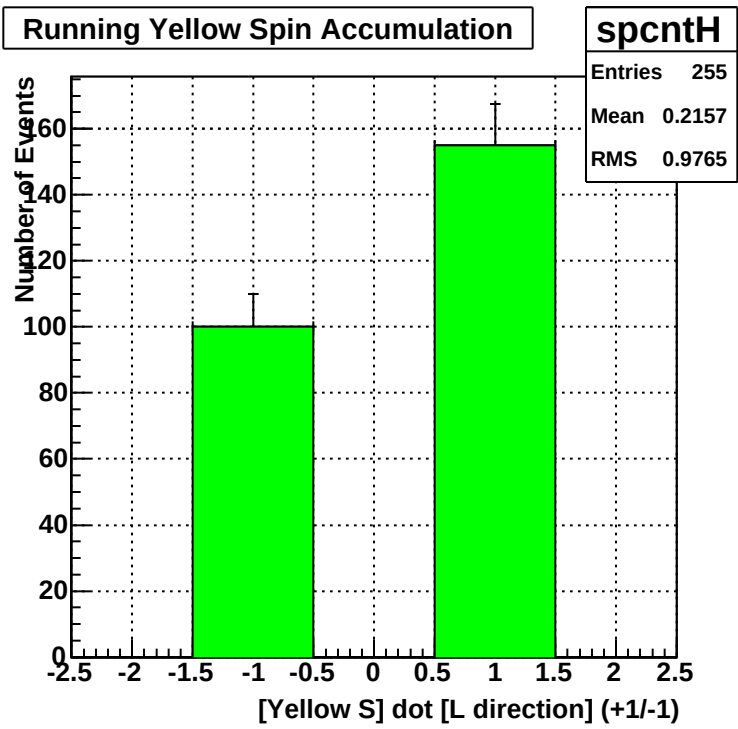
255) Rnum=7127069 EventN=2101097 (0 Yd-S[+])

(1) Energy=34.893795 Y=-3.663397 Phi=2.946374

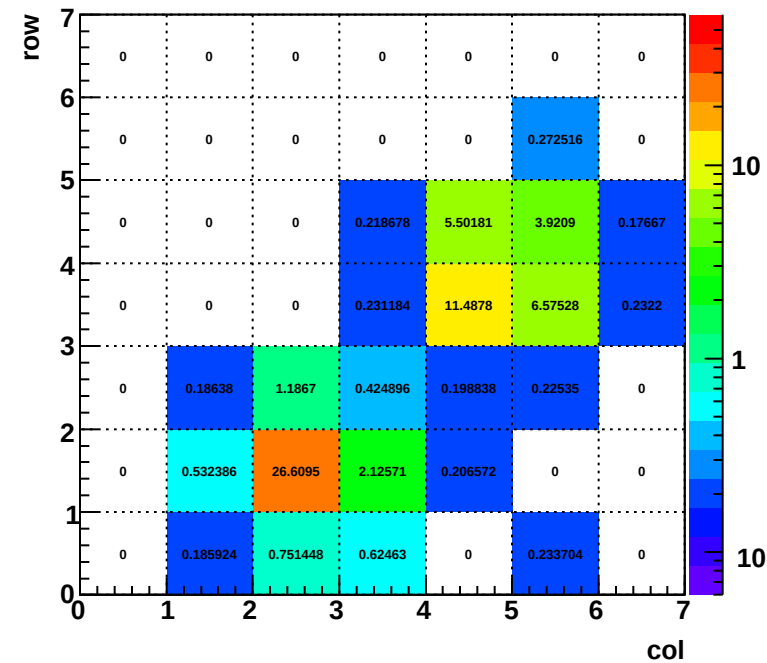
(2) Energy=29.075775 Y=-3.485661 Phi=-3.118969

M12=0.501 Y12=-3.585 Phi12=3.055 E12=63.970

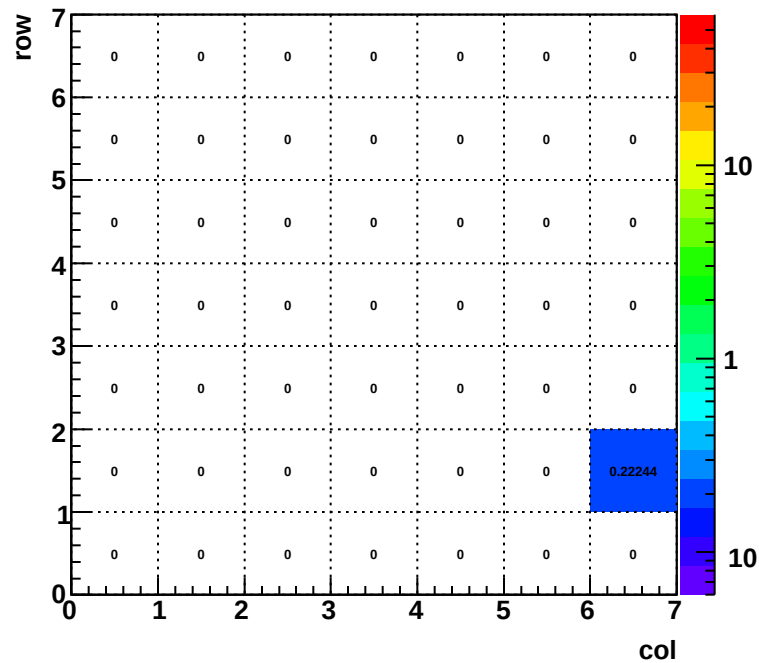
SumN(-) = 100 SumN(+)= 155 AN/.6=0.359



North FPD



South FPD



256) Rnum=7127072 EventN=200057 (2 Yd-S[+])

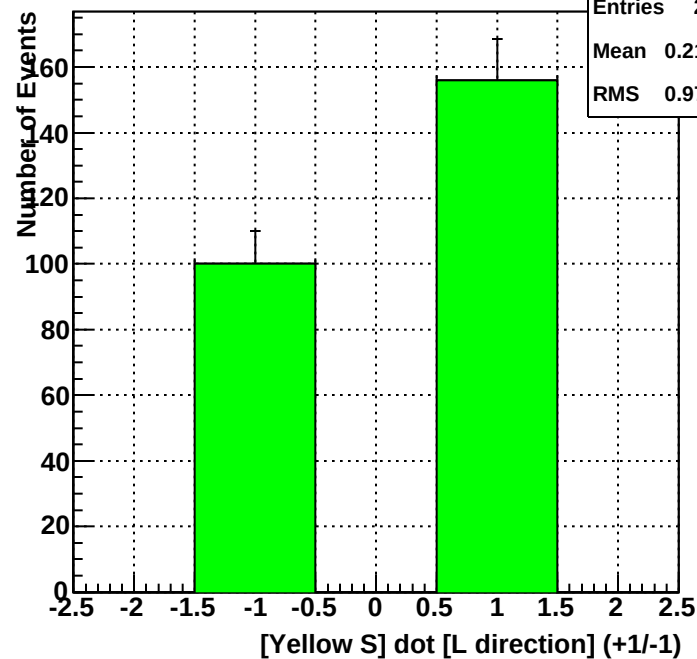
(1) Energy=46.652653 Y=-3.666715 Phi=-3.059832

(2) Energy=17.945290 Y=-3.883414 Phi=2.839573

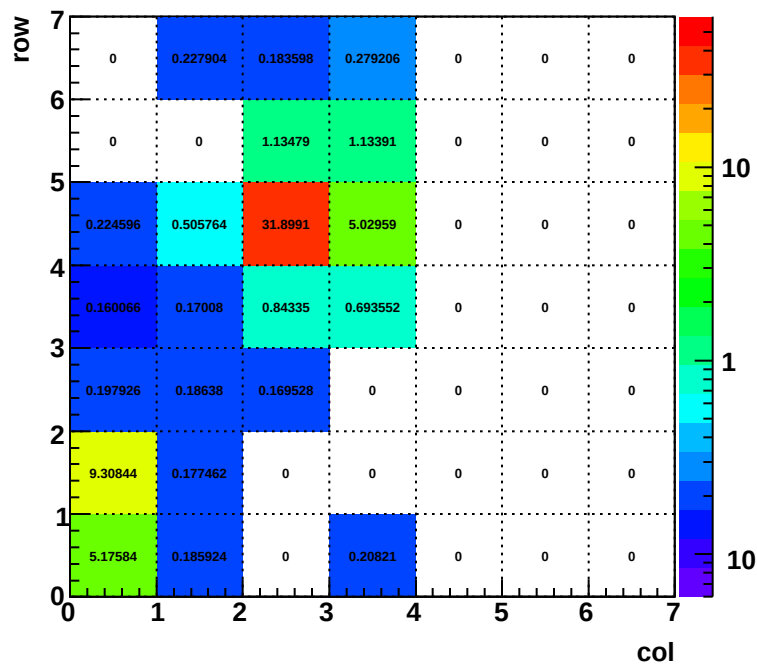
M12=0.582 Y12=-3.736 Phi12=3.133 E12=64.598

SumN(-) = 100 SumN(+)= 156 AN/6=0.365

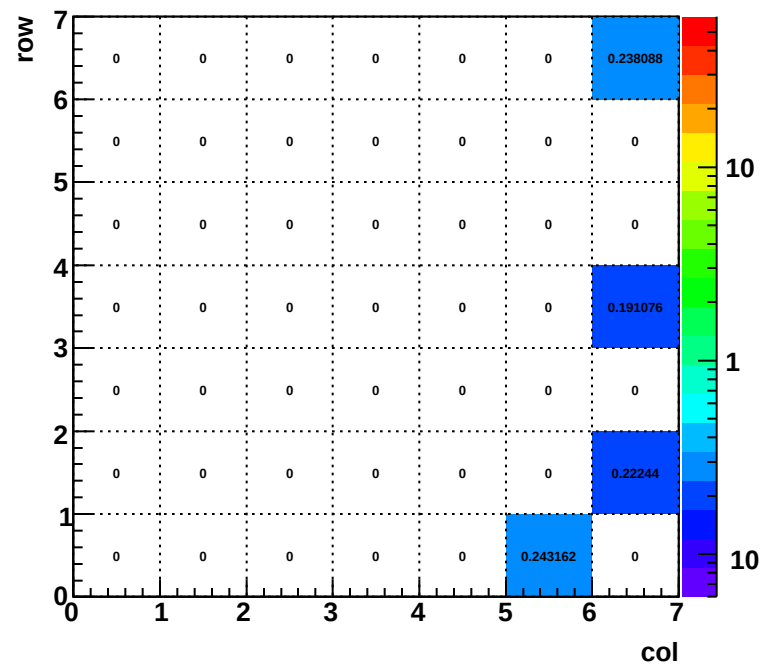
Running Yellow Spin Accumulation



North FPD



South FPD



258) Rnum=7127076 EventN=3806298 (0 Yd-S[+])

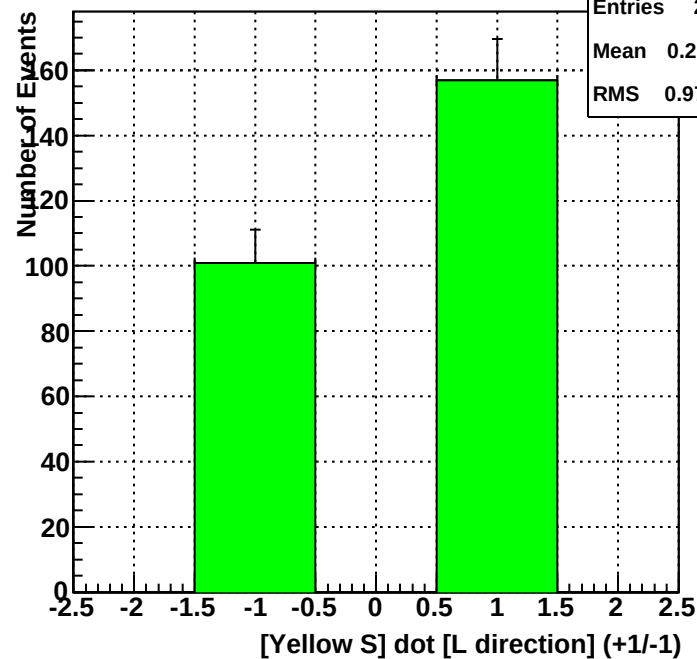
(1) Energy=53.497101 Y=-3.456514 Phi=3.068841

(2) Energy=12.477142 Y=-3.730985 Phi=-3.000718

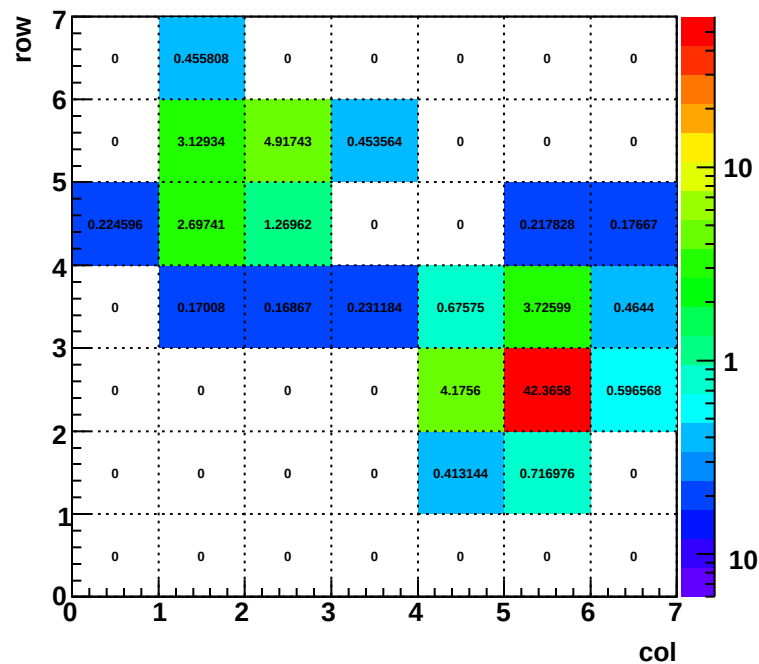
M12=0.495 Y12=-3.506 Phi12=3.101 E12=65.974

SumN(-) = 101 SumN(+) = 157 AN/6=0.362

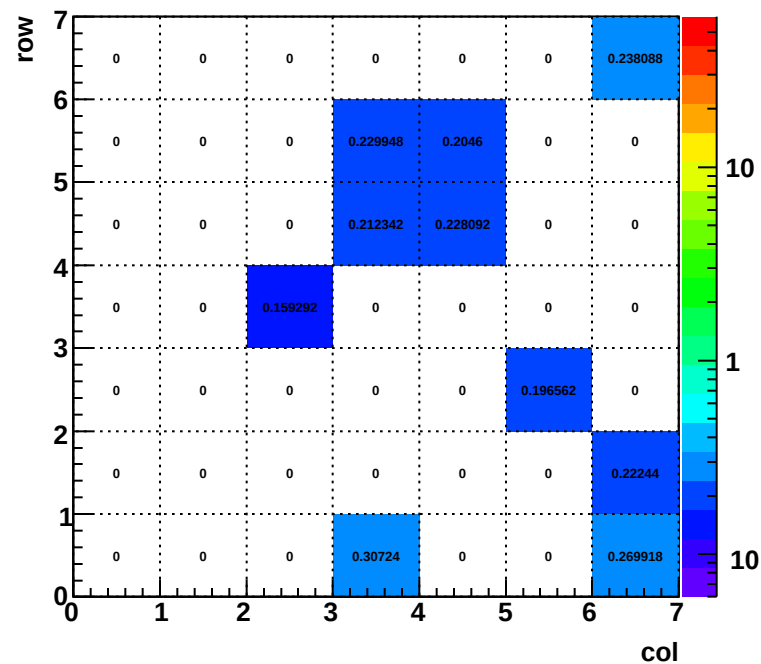
Running Yellow Spin Accumulation



North FPD



South FPD



259) Rnum=7127076 EventN=7202230 (3 Yu-N[+])

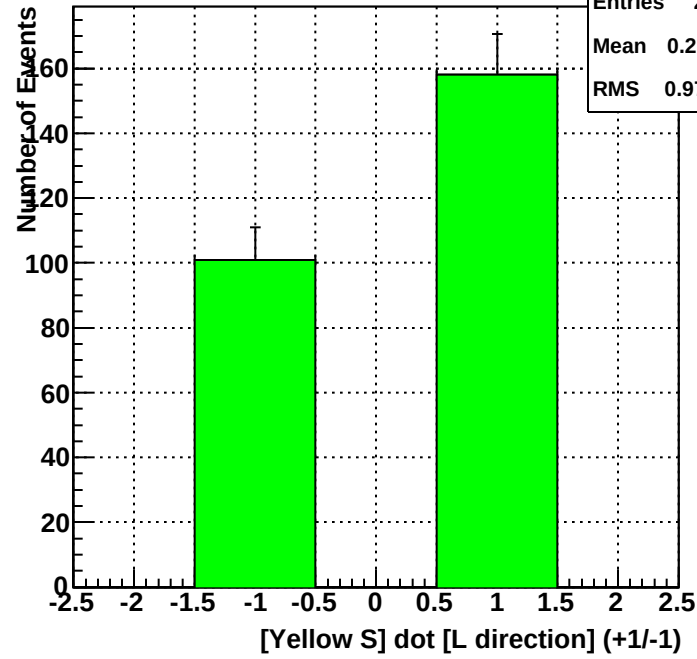
(1) Energy=50.391621 Y=-3.846851 Phi=0.002628

(2) Energy=17.786680 Y=-3.560909 Phi=0.149466

M12=0.475 Y12=-3.766 Phi12=0.050 E12=68.178

SumN(-) = 101 SumN(+)= 158 AN/.6=0.367

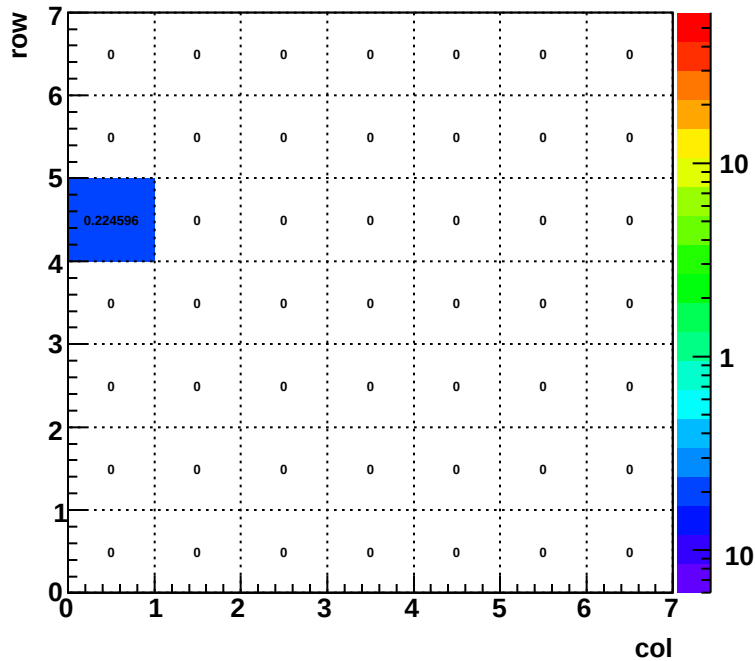
Running Yellow Spin Accumulation



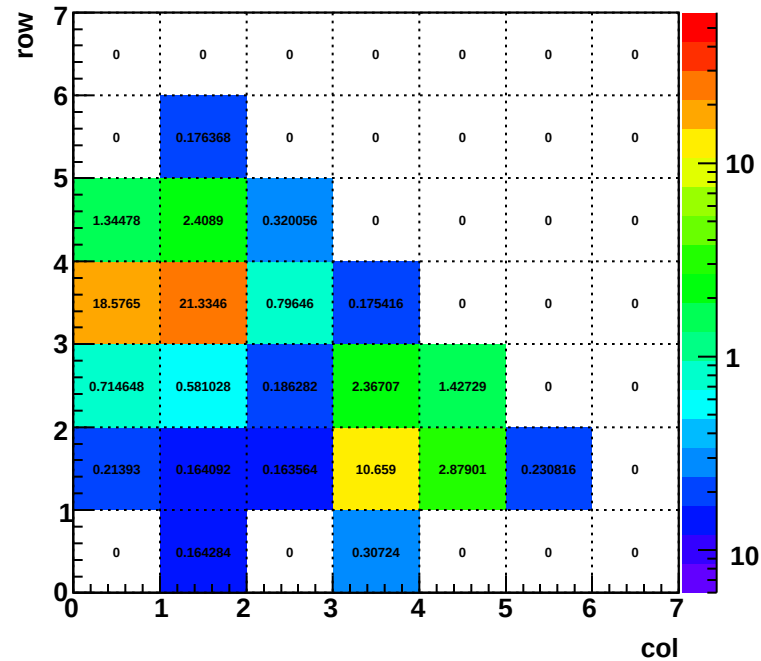
spcntH

Entries	259
Mean	0.2201
RMS	0.9755

North FPD



South FPD



260) Rnum=7127076 EventN=7900389 (0 Yd-N[-])

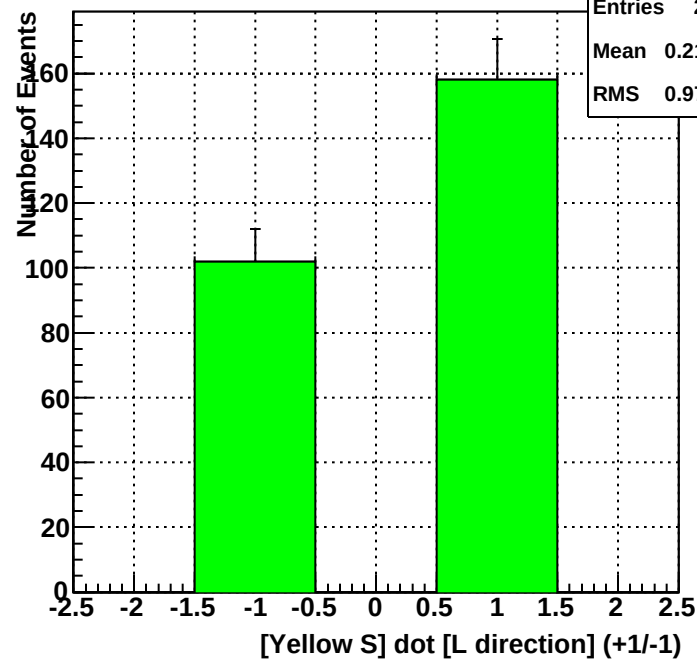
(1) Energy=34.950935 Y=-3.602042 Phi=-0.157112

(2) Energy=27.548763 Y=-3.407007 Phi=0.069797

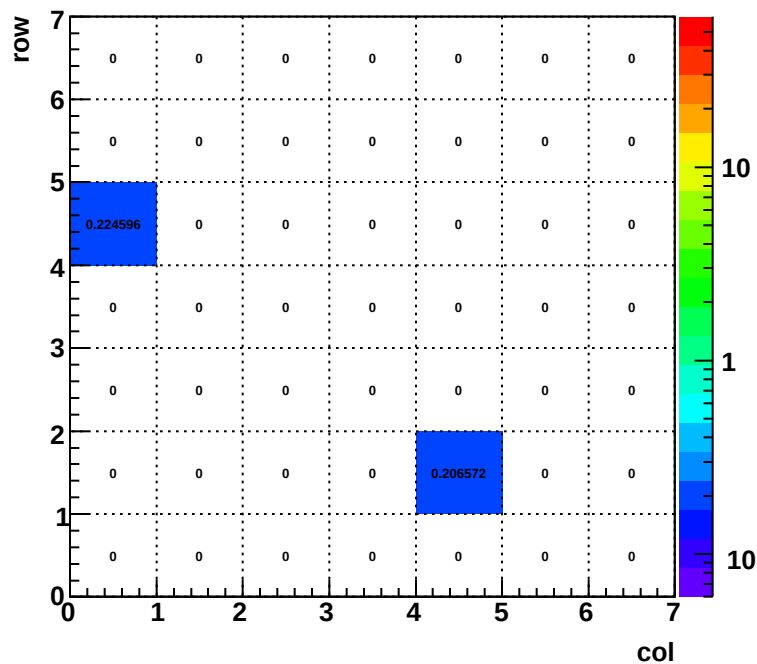
M12=0.557 Y12=-3.518 Phi12=-0.046 E12=62.500

SumN(-) = 102 SumN(+)= 158 AN/.6=0.359

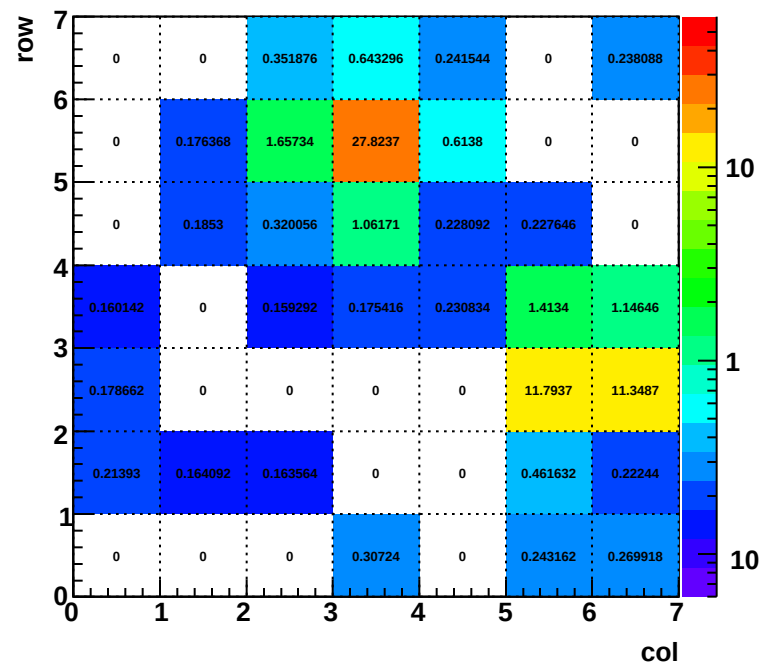
Running Yellow Spin Accumulation



North FPD



South FPD



261) Rnum=7127077 EventN=209936 (2 Yd-N[-])

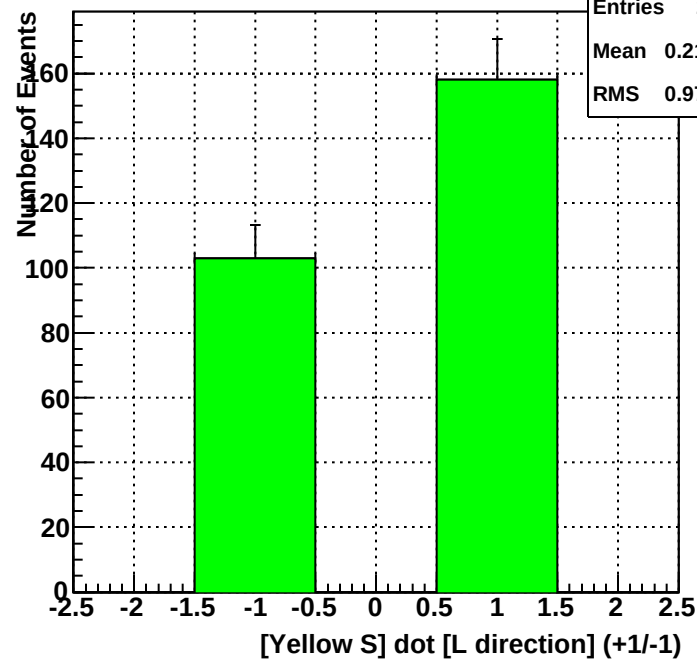
(1) Energy=34.332863 Y=-3.698229 Phi=0.232656

(2) Energy=27.673313 Y=-3.731559 Phi=-0.161064

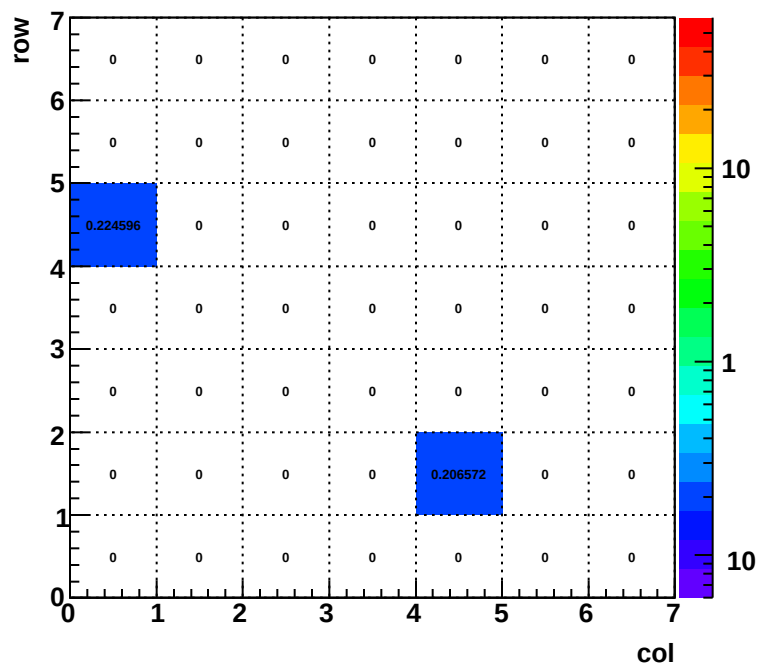
M12=0.589 Y12=-3.732 Phi12=0.060 E12=62.006

SumN(-) = 103 SumN(+)= 158 AN/.6=0.351

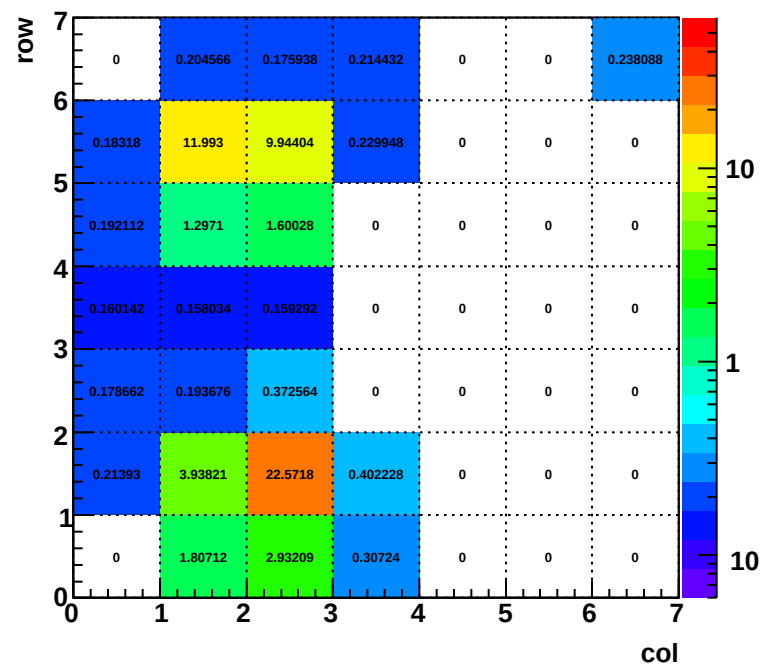
Running Yellow Spin Accumulation



North FPD



South FPD



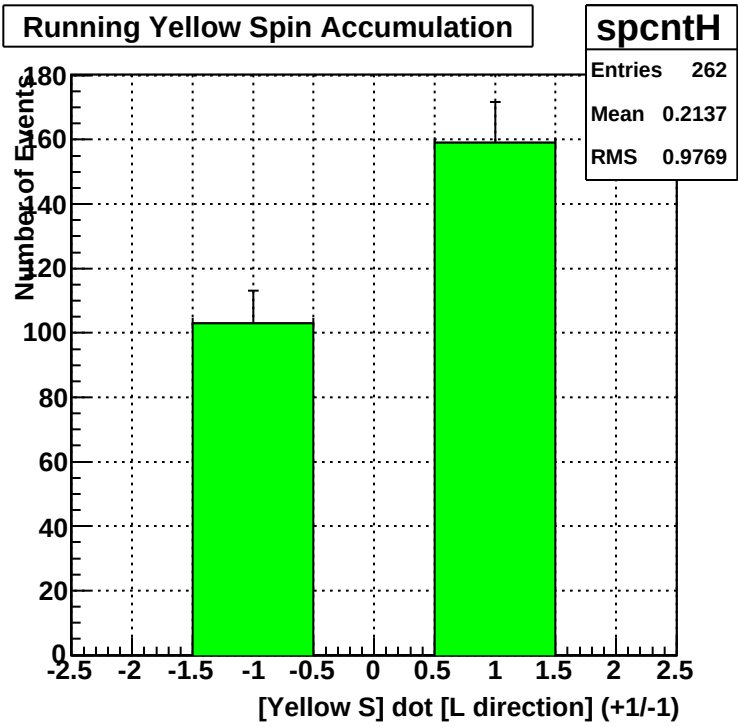
262) Rnum=7127077 EventN=2100949 (3 Yu-N[+])

(1) Energy=54.929394 Y=-3.733286 Phi=0.117332

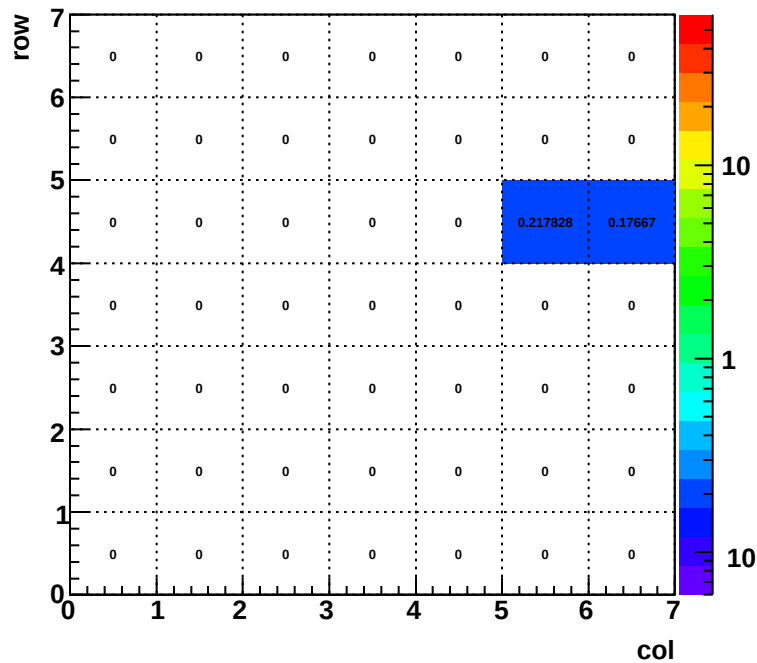
(2) Energy=9.233743 Y=-3.440547 Phi=-0.216940

M12=0.553 Y12=-3.694 Phi12=0.056 E12=64.163

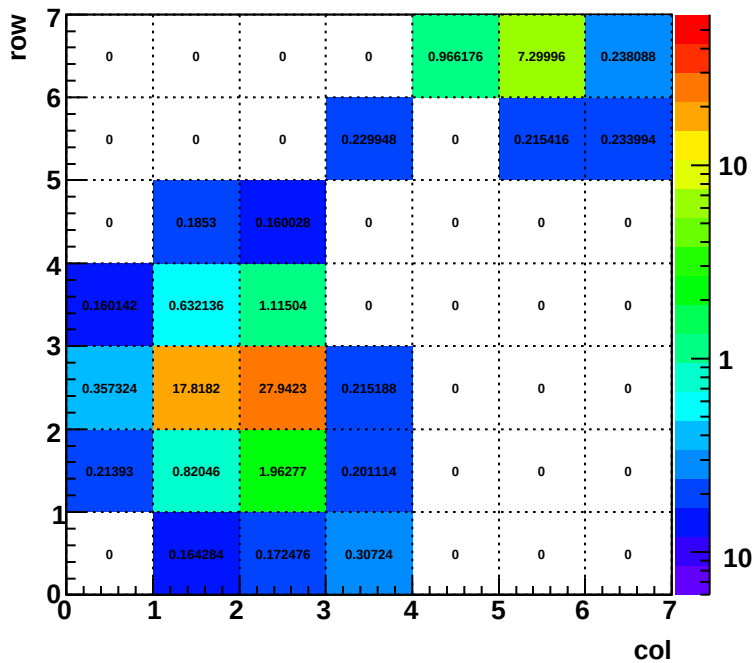
SumN(-) = 103 SumN(+)= 159 AN/6=0.356



North FPD



South FPD



263) Rnum=7127080 EventN=6502225 (1 Yu-N[+])

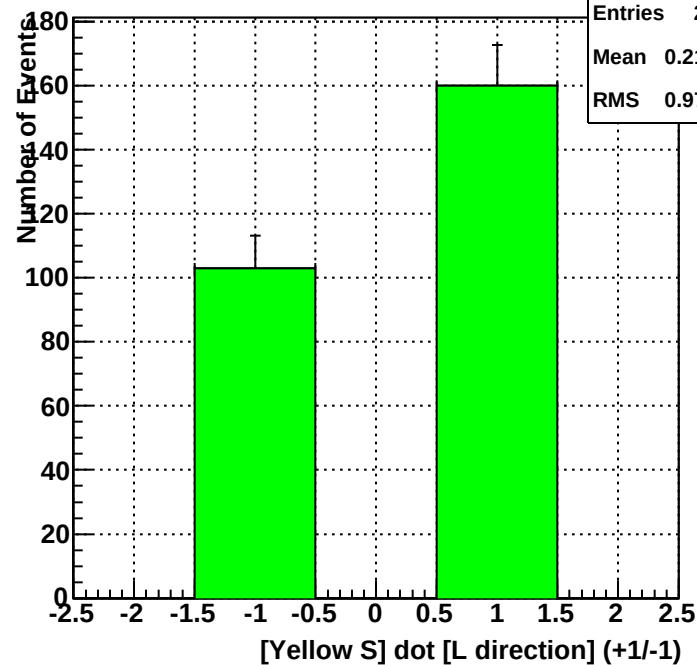
(1) Energy=43.684719 Y=-3.606264 Phi=-0.142355

(2) Energy=20.355789 Y=-3.642351 Phi=0.243571

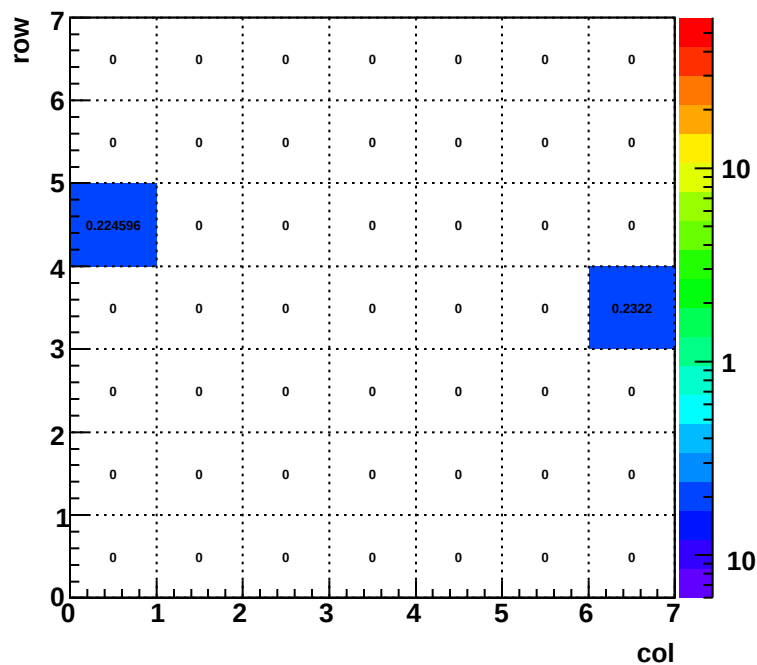
M12=0.612 Y12=-3.634 Phi12=-0.023 E12=64.041

SumN(-) = 103 SumN(+)= 160 AN/.6=0.361

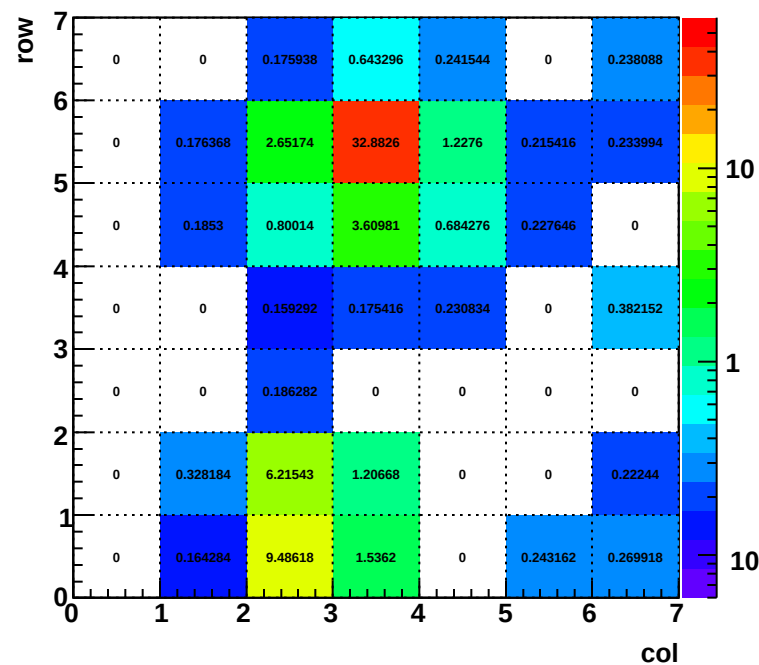
Running Yellow Spin Accumulation



North FPD



South FPD



264) Rnum=7127080 EventN=7500435 (3 Yu-S[-])

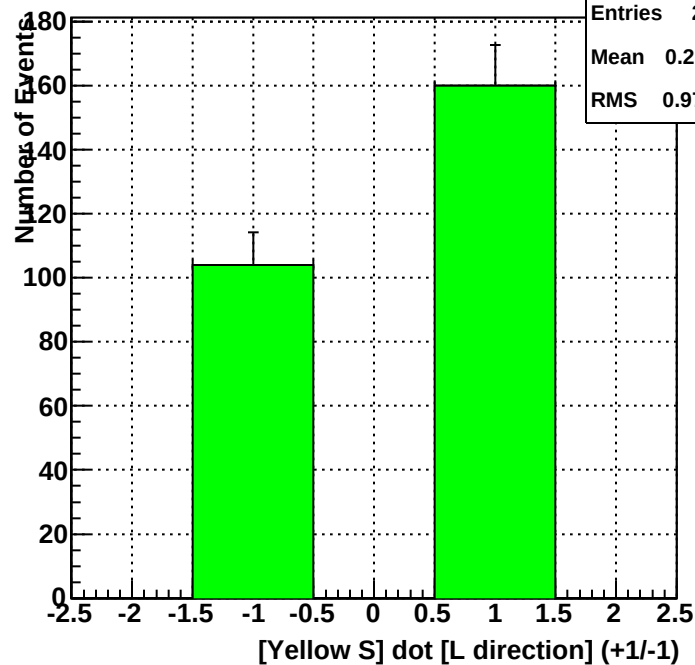
(1) Energy=45.394032 Y=-3.690911 Phi=3.031607

(2) Energy=20.935196 Y=-3.365572 Phi=3.063569

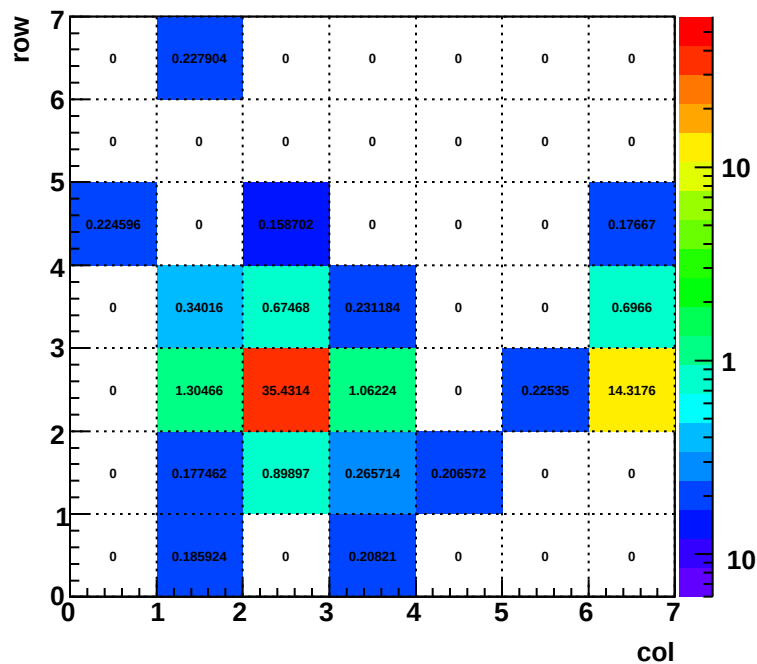
M12=0.594 Y12=-3.577 Phi12=3.044 E12=66.329

SumN(-) = 104 SumN(+)= 160 AN/6=0.354

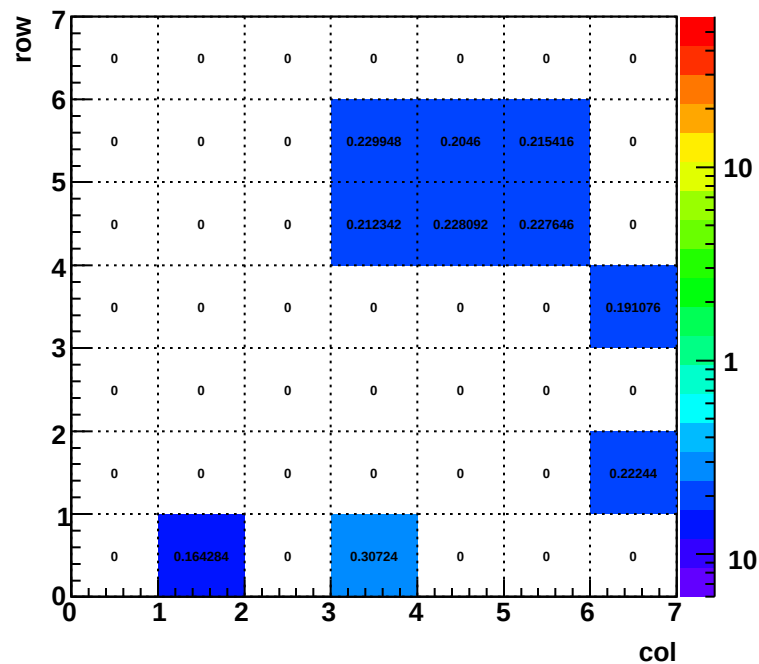
Running Yellow Spin Accumulation



North FPD



South FPD



265) Rnum=7127080 EventN=1305063 (3 Yu-N[+])

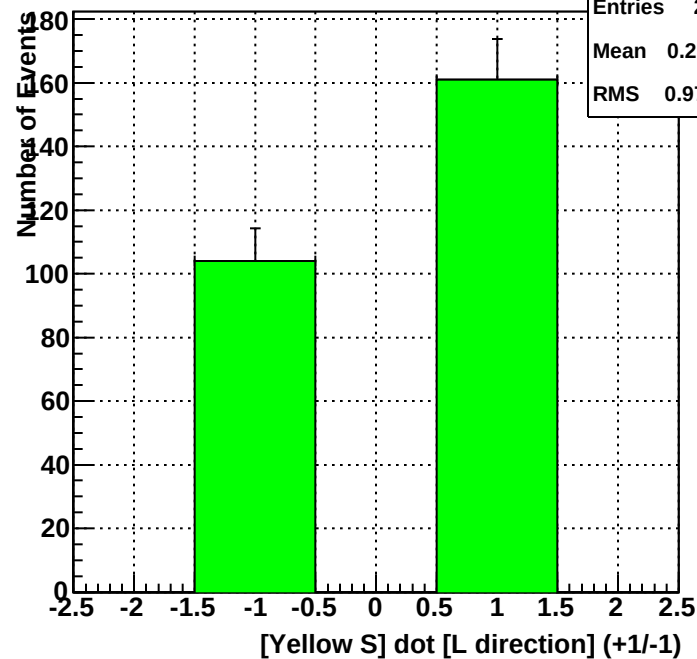
(1) Energy=45.345421 Y=-3.898415 Phi=0.128756

(2) Energy=20.445072 Y=-3.498655 Phi=0.016008

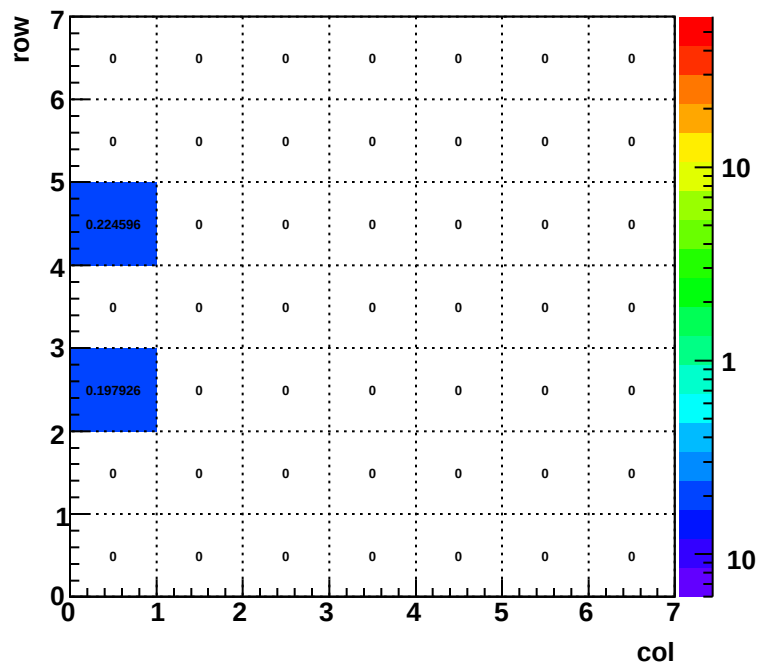
M12=0.630 Y12=-3.758 Phi12=0.083 E12=65.790

SumN(-) = 104 SumN(+)= 161 AN/.6=0.358

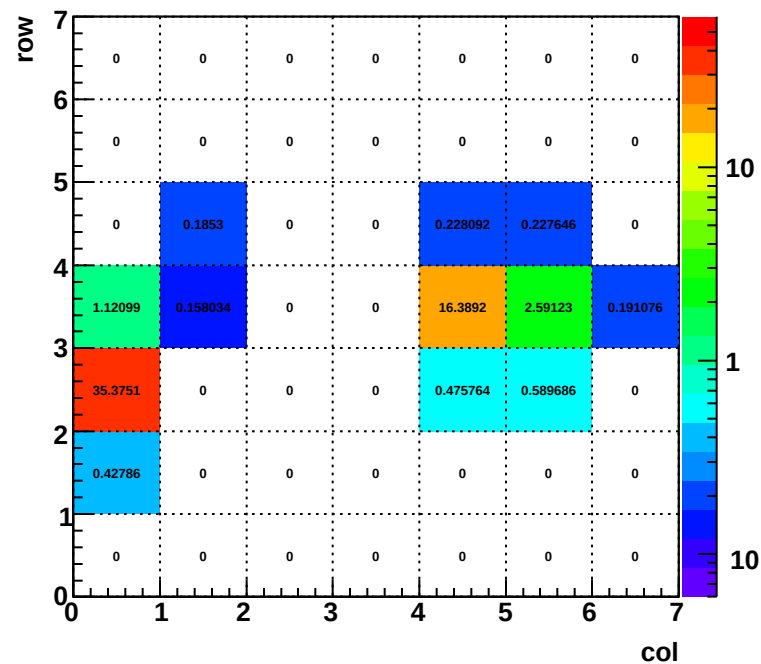
Running Yellow Spin Accumulation



North FPD



South FPD



266) Rnum=7127090 EventN=200732 (0 Yd-N[-])

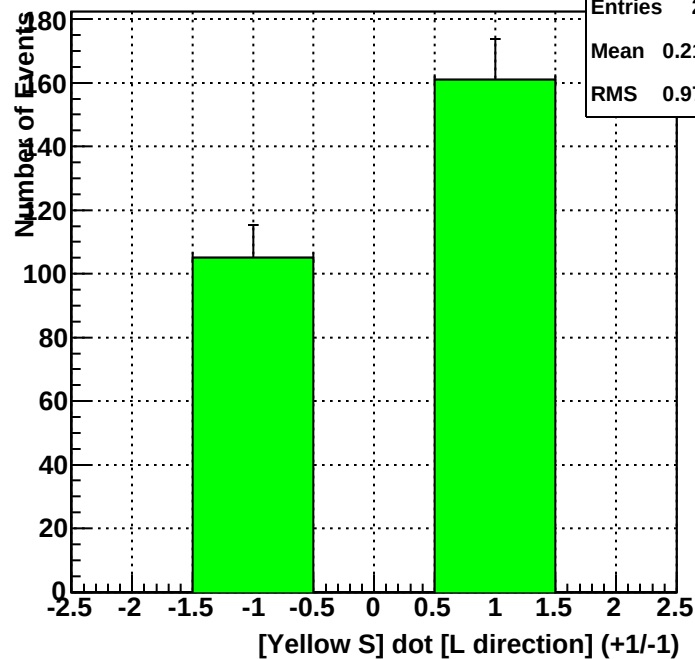
(1) Energy=40.090645 Y=-3.756798 Phi=-0.099061

(2) Energy=20.410360 Y=-3.818552 Phi=0.311022

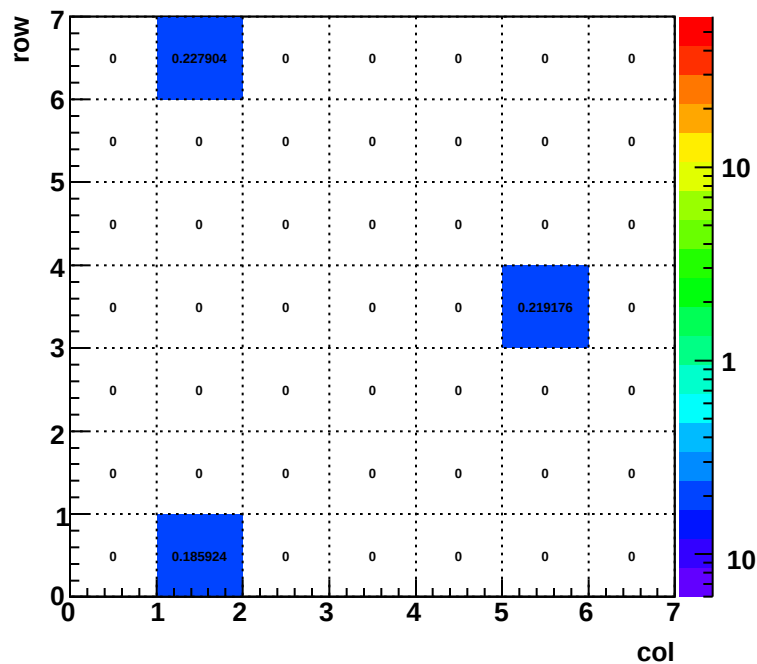
M12=0.533 Y12=-3.796 Phi12=0.033 E12=60.501

SumN(-) = 105 SumN(+)= 161 AN/.6=0.351

Running Yellow Spin Accumulation



North FPD



South FPD

