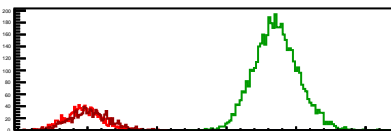
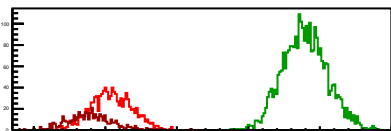


**Cycle 1, PosHel**

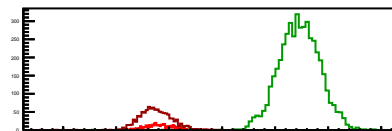
Entries: 1073	Entries: 4687	Entries: 1029
Mean: 7.9438 +/- 0.0079	Mean: 10.7133 +/- 0.0046	Mean: 8.0270 +/- 0.0089
Std Dev: 0.2602 +/- 0.0056	Std Dev: 0.3169 +/- 0.0033	Std Dev: 0.2840 +/- 0.0063

**Cycle 2, PosHel**

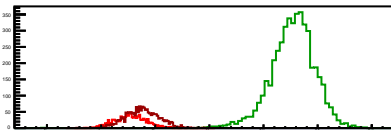
Entries: 1046	Entries: 2993	Entries: 476
Mean: 8.0856 +/- 0.0089	Mean: 10.7924 +/- 0.0057	Mean: 7.7783 +/- 0.0140
Std Dev: 0.2880 +/- 0.0063	Std Dev: 0.3125 +/- 0.0040	Std Dev: 0.3061 +/- 0.0099

**Cycle 3, PosHel**

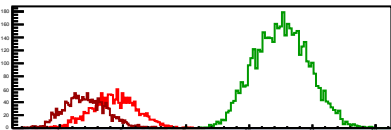
Entries: 482	Entries: 4637	Entries: 1082
Mean: 7.8228 +/- 0.0129	Mean: 10.4522 +/- 0.0058	Mean: 7.7437 +/- 0.0096
Std Dev: 0.2843 +/- 0.0092	Std Dev: 0.3932 +/- 0.0041	Std Dev: 0.3151 +/- 0.0068

**Cycle 4, PosHel**

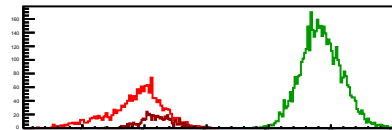
Entries: 1064	Entries: 4634	Entries: 1618
Mean: 8.3178 +/- 0.0089	Mean: 10.5409 +/- 0.0060	Mean: 8.0270 +/- 0.0076
Std Dev: 0.2919 +/- 0.0063	Std Dev: 0.4084 +/- 0.0042	Std Dev: 0.3050 +/- 0.0054

**Cycle 5, PosHel**

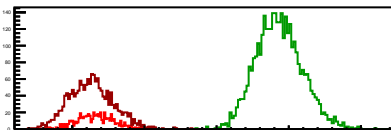
Entries: 1598	Entries: 4646	Entries: 1660
Mean: 7.8645 +/- 0.0091	Mean: 10.5126 +/- 0.0063	Mean: 7.4070 +/- 0.0082
Std Dev: 0.3633 +/- 0.0064	Std Dev: 0.4294 +/- 0.0045	Std Dev: 0.3345 +/- 0.0058

**Cycle 6, PosHel**

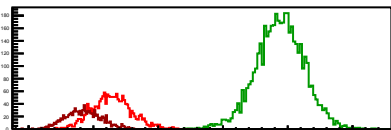
Entries: 1638	Entries: 4671	Entries: 574
Mean: 7.8589 +/- 0.0109	Mean: 10.8483 +/- 0.0048	Mean: 8.2162 +/- 0.0109
Std Dev: 0.4410 +/- 0.0077	Std Dev: 0.3264 +/- 0.0034	Std Dev: 0.2601 +/- 0.0077

**Cycle 7, PosHel**

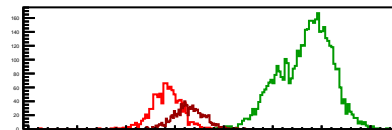
Entries: 568	Entries: 3614	Entries: 1652
Mean: 8.3178 +/- 0.0110	Mean: 10.8648 +/- 0.0053	Mean: 8.2635 +/- 0.0076
Std Dev: 0.2615 +/- 0.0078	Std Dev: 0.3192 +/- 0.0038	Std Dev: 0.3086 +/- 0.0054

**Cycle 8, PosHel**

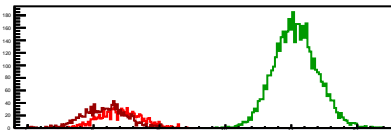
Entries: 1675	Entries: 4623	Entries: 1023
Mean: 8.2888 +/- 0.0075	Mean: 10.8793 +/- 0.0055	Mean: 7.8435 +/- 0.0085
Std Dev: 0.3084 +/- 0.0053	Std Dev: 0.3722 +/- 0.0039	Std Dev: 0.2726 +/- 0.0060

**Cycle 9, PosHel**

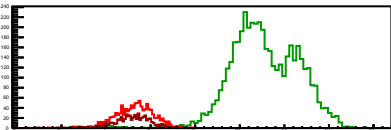
Entries: 1019	Entries: 4615	Entries: 1031
Mean: 7.8218 +/- 0.0097	Mean: 10.6708 +/- 0.0078	Mean: 8.2865 +/- 0.0094
Std Dev: 0.3094 +/- 0.0069	Std Dev: 0.5291 +/- 0.0055	Std Dev: 0.3024 +/- 0.0067

**Cycle 10, PosHel**

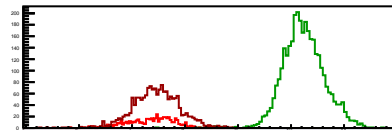
Entries: 1024	Entries: 4668	Entries: 1109
Mean: 8.4097 +/- 0.0099	Mean: 11.0661 +/- 0.0048	Mean: 8.1672 +/- 0.0099
Std Dev: 0.3161 +/- 0.0070	Std Dev: 0.3301 +/- 0.0034	Std Dev: 0.3307 +/- 0.0070

**Cycle 11, PosHel**

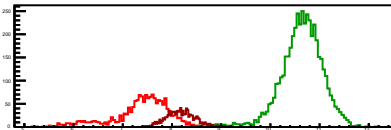
Entries: 1080	Entries: 4638	Entries: 577
Mean: 7.6389 +/- 0.0129	Mean: 10.5457 +/- 0.0115	Mean: 7.5745 +/- 0.0175
Std Dev: 0.4239 +/- 0.0091	Std Dev: 0.7833 +/- 0.0081	Std Dev: 0.4197 +/- 0.0124

**Cycle 12, PosHel**

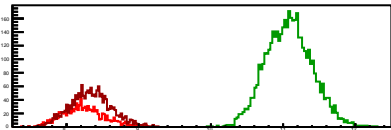
Entries: 574	Entries: 3367	Entries: 1680
Mean: 7.3391 +/- 0.0186	Mean: 10.2425 +/- 0.0067	Mean: 7.4539 +/- 0.0108
Std Dev: 0.4465 +/- 0.0132	Std Dev: 0.3883 +/- 0.0047	Std Dev: 0.4432 +/- 0.0076

**Cycle 13, PosHel**

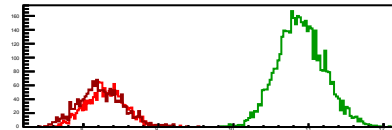
Entries: 1655	Entries: 4646	Entries: 1062
Mean: 7.3693 +/- 0.0143	Mean: 10.6357 +/- 0.0062	Mean: 8.1810 +/- 0.0089
Std Dev: 0.5836 +/- 0.0101	Std Dev: 0.4257 +/- 0.0044	Std Dev: 0.2912 +/- 0.0063

**Cycle 14, PosHel**

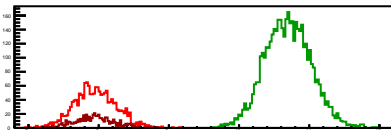
Entries: 1047	Entries: 4612	Entries: 1760
Mean: 8.2347 +/- 0.0089	Mean: 11.0823 +/- 0.0047	Mean: 8.3354 +/- 0.0068
Std Dev: 0.2886 +/- 0.0063	Std Dev: 0.3193 +/- 0.0033	Std Dev: 0.2857 +/- 0.0048

**Cycle 15, PosHel**

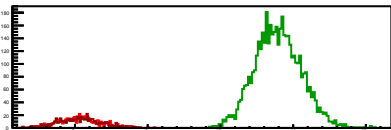
Entries: 1705	Entries: 4653	Entries: 1640
Mean: 8.2979 +/- 0.0064	Mean: 10.8965 +/- 0.0046	Mean: 8.2363 +/- 0.0075
Std Dev: 0.2629 +/- 0.0045	Std Dev: 0.3135 +/- 0.0033	Std Dev: 0.3033 +/- 0.0053

**Cycle 16, PosHel**

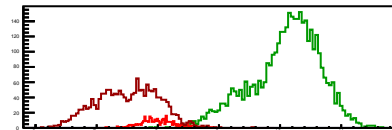
Entries: 1626	Entries: 4644	Entries: 545
Mean: 7.9518 +/- 0.0075	Mean: 10.6951 +/- 0.0049	Mean: 7.9364 +/- 0.0120
Std Dev: 0.3009 +/- 0.0053	Std Dev: 0.3316 +/- 0.0034	Std Dev: 0.2792 +/- 0.0085

**Cycle 17, PosHel**

Entries: 540	Entries: 4647	Entries: 553
Mean: 8.0764 +/- 0.0128	Mean: 10.7906 +/- 0.0047	Mean: 8.0650 +/- 0.0124
Std Dev: 0.2985 +/- 0.0091	Std Dev: 0.3172 +/- 0.0033	Std Dev: 0.2923 +/- 0.0088

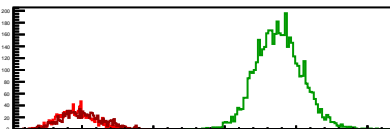
**Cycle 18, PosHel**

Entries: 358	Entries: 3947	Entries: 1720
Mean: 8.0194 +/- 0.0156	Mean: 10.0971 +/- 0.0089	Mean: 7.5075 +/- 0.0122
Std Dev: 0.2958 +/- 0.0111	Std Dev: 0.5585 +/- 0.0063	Std Dev: 0.5064 +/- 0.0086



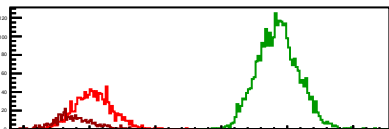
Cycle 1, NegHel

Entries: 1073	Entries: 4687	Entries: 1029
Mean: 7.9227 +/- 0.0077	Mean: 10.7635 +/- 0.0047	Mean: 7.9959 +/- 0.0090
Std Dev: 0.2537 +/- 0.0055	Std Dev: 0.3192 +/- 0.0033	Std Dev: 0.2882 +/- 0.0064



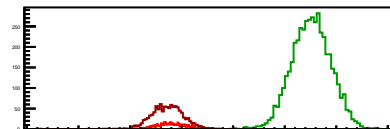
Cycle 2, NegHel

Entries: 1046	Entries: 2993	Entries: 476
Mean: 8.0630 +/- 0.0090	Mean: 10.8594 +/- 0.0057	Mean: 7.7571 +/- 0.0131
Std Dev: 0.2925 +/- 0.0064	Std Dev: 0.3124 +/- 0.0040	Std Dev: 0.2868 +/- 0.0093



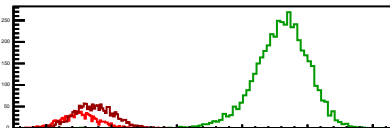
Cycle 3, NegHel

Entries: 482	Entries: 4637	Entries: 1082
Mean: 7.8089 +/- 0.0127	Mean: 10.5120 +/- 0.0057	Mean: 7.7232 +/- 0.0096
Std Dev: 0.2793 +/- 0.0090	Std Dev: 0.3874 +/- 0.0040	Std Dev: 0.3155 +/- 0.0068



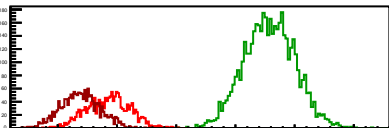
Cycle 4, NegHel

Entries: 1064	Entries: 4634	Entries: 1618
Mean: 7.5122 +/- 0.0084	Mean: 10.6040 +/- 0.0060	Mean: 7.7262 +/- 0.0075
Std Dev: 0.2728 +/- 0.0059	Std Dev: 0.4066 +/- 0.0042	Std Dev: 0.3022 +/- 0.0053



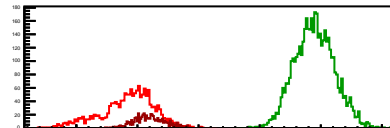
Cycle 5, NegHel

Entries: 1598	Entries: 4646	Entries: 1660
Mean: 7.8512 +/- 0.0090	Mean: 10.5736 +/- 0.0063	Mean: 7.3809 +/- 0.0080
Std Dev: 0.3609 +/- 0.0064	Std Dev: 0.4276 +/- 0.0044	Std Dev: 0.3248 +/- 0.0056



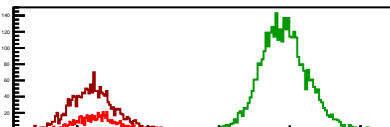
Cycle 6, NegHel

Entries: 1638	Entries: 4671	Entries: 574
Mean: 7.8432 +/- 0.0108	Mean: 10.8960 +/- 0.0048	Mean: 8.1985 +/- 0.0107
Std Dev: 0.4368 +/- 0.0076	Std Dev: 0.3253 +/- 0.0034	Std Dev: 0.2573 +/- 0.0076



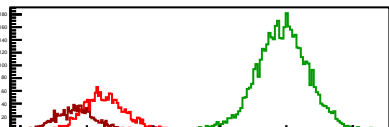
Cycle 7, NegHel

Entries: 568	Entries: 3614	Entries: 1652
Mean: 8.2808 +/- 0.0109	Mean: 10.9187 +/- 0.0058	Mean: 8.2165 +/- 0.0074
Std Dev: 0.2596 +/- 0.0077	Std Dev: 0.3190 +/- 0.0033	Std Dev: 0.2989 +/- 0.0052



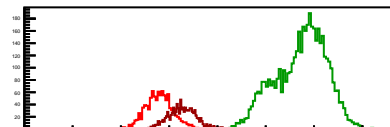
Cycle 8, NegHel

Entries: 1675	Entries: 4623	Entries: 1023
Mean: 8.2656 +/- 0.0073	Mean: 10.9422 +/- 0.0055	Mean: 7.8307 +/- 0.0084
Std Dev: 0.2980 +/- 0.0051	Std Dev: 0.3755 +/- 0.0039	Std Dev: 0.2697 +/- 0.0060



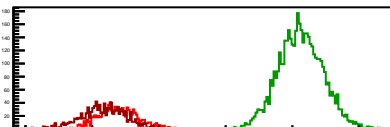
Cycle 9, NegHel

Entries: 1019	Entries: 4615	Entries: 1031
Mean: 7.7854 +/- 0.0096	Mean: 10.7291 +/- 0.0078	Mean: 8.2683 +/- 0.0094
Std Dev: 0.3057 +/- 0.0068	Std Dev: 0.5278 +/- 0.0055	Std Dev: 0.2911 +/- 0.0064



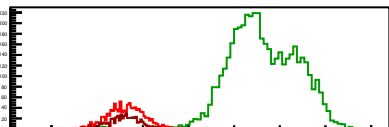
Cycle 10, NegHel

Entries: 1024	Entries: 4668	Entries: 1109
Mean: 8.3903 +/- 0.0093	Mean: 11.1248 +/- 0.0049	Mean: 8.1660 +/- 0.0101
Std Dev: 0.2990 +/- 0.0066	Std Dev: 0.3328 +/- 0.0034	Std Dev: 0.3367 +/- 0.0071



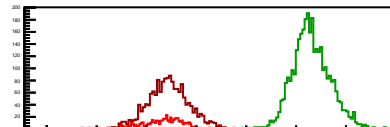
Cycle 11, NegHel

Entries: 1080	Entries: 4638	Entries: 577
Mean: 7.6130 +/- 0.0130	Mean: 10.6178 +/- 0.0116	Mean: 7.5551 +/- 0.0169
Std Dev: 0.4266 +/- 0.0092	Std Dev: 0.7880 +/- 0.0082	Std Dev: 0.4051 +/- 0.0119



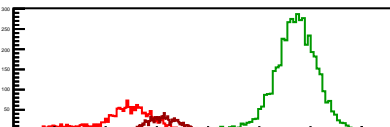
Cycle 12, NegHel

Entries: 574	Entries: 3367	Entries: 1680
Mean: 7.2998 +/- 0.0180	Mean: 10.3079 +/- 0.0067	Mean: 8.4408 +/- 0.0108
Std Dev: 0.4318 +/- 0.0127	Std Dev: 0.3869 +/- 0.0047	Std Dev: 0.4408 +/- 0.0076



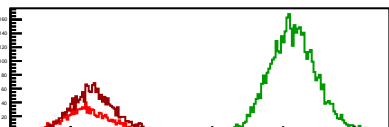
Cycle 13, NegHel

Entries: 1655	Entries: 4646	Entries: 1062
Mean: 7.3435 +/- 0.0142	Mean: 10.7012 +/- 0.0064	Mean: 8.1594 +/- 0.0094
Std Dev: 0.5757 +/- 0.0100	Std Dev: 0.4360 +/- 0.0045	Std Dev: 0.3072 +/- 0.0067



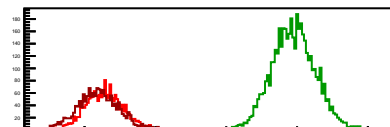
Cycle 14, NegHel

Entries: 1047	Entries: 4612	Entries: 1760
Mean: 8.2284 +/- 0.0091	Mean: 11.1401 +/- 0.0046	Mean: 8.3100 +/- 0.0069
Std Dev: 0.2930 +/- 0.0064	Std Dev: 0.3146 +/- 0.0033	Std Dev: 0.2895 +/- 0.0049



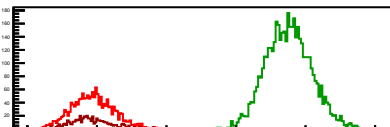
Cycle 15, NegHel

Entries: 1705	Entries: 4653	Entries: 1640
Mean: 8.2818 +/- 0.0066	Mean: 10.9514 +/- 0.0045	Mean: 8.2015 +/- 0.0075
Std Dev: 0.2728 +/- 0.0047	Std Dev: 0.3068 +/- 0.0032	Std Dev: 0.3049 +/- 0.0053



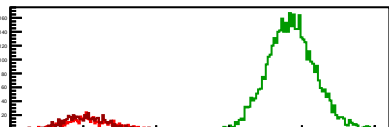
Cycle 16, NegHel

Entries: 1626	Entries: 4644	Entries: 545
Mean: 7.9309 +/- 0.0075	Mean: 10.7569 +/- 0.0048	Mean: 7.9058 +/- 0.0125
Std Dev: 0.3005 +/- 0.0053	Std Dev: 0.3320 +/- 0.0034	Std Dev: 0.2920 +/- 0.0088



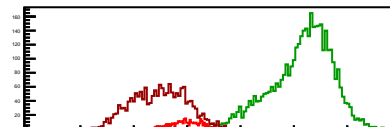
Cycle 17, NegHel

Entries: 540	Entries: 4647	Entries: 553
Mean: 8.0756 +/- 0.0129	Mean: 10.8541 +/- 0.0047	Mean: 8.0228 +/- 0.0120
Std Dev: 0.2996 +/- 0.0091	Std Dev: 0.3198 +/- 0.0033	Std Dev: 0.2830 +/- 0.0085



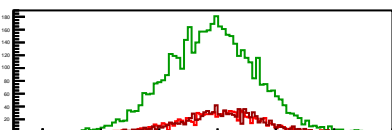
Cycle 18, NegHel

Entries: 358	Entries: 3947	Entries: 1720
Mean: 8.0012 +/- 0.0161	Mean: 10.1551 +/- 0.0090	Mean: 7.4799 +/- 0.0122
Std Dev: 0.3037 +/- 0.0114	Std Dev: 0.5631 +/- 0.0063	Std Dev: 0.5057 +/- 0.0086



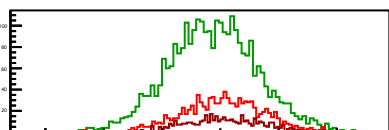
Cycle 1, Diffs

Entries: 1073	Entries: 4687	Entries: 1029
Mean: 0.0211 +/- 0.0102	Mean: -0.0502 +/- 0.0055	Mean: 0.0311 +/- 0.0103
Std Dev: 0.3328 +/- 0.0072	Std Dev: 0.3782 +/- 0.0039	Std Dev: 0.3294 +/- 0.0073



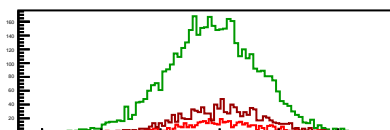
Cycle 2, Diffs

Entries: 1046	Entries: 2993	Entries: 476
Mean: 0.0225 +/- 0.0106	Mean: -0.0670 +/- 0.0070	Mean: 0.0212 +/- 0.0149
Std Dev: 0.3441 +/- 0.0075	Std Dev: 0.3824 +/- 0.0049	Std Dev: 0.3243 +/- 0.0105



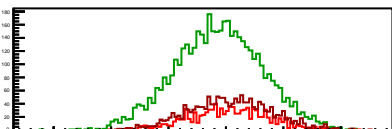
Cycle 3, Diffs

Entries: 482	Entries: 4637	Entries: 1082
Mean: 0.0138 +/- 0.0152	Mean: -0.0598 +/- 0.0056	Mean: 0.0205 +/- 0.0106
Std Dev: 0.3333 +/- 0.0107	Std Dev: 0.3782 +/- 0.0039	Std Dev: 0.3480 +/- 0.0075



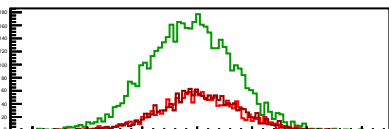
Cycle 4, Diffs

Entries: 1064	Entries: 4634	Entries: 1618
Mean: 0.0275 +/- 0.0107	Mean: -0.0631 +/- 0.0056	Mean: 0.0302 +/- 0.0088
Std Dev: 0.3484 +/- 0.0076	Std Dev: 0.3805 +/- 0.0040	Std Dev: 0.3544 +/- 0.0062



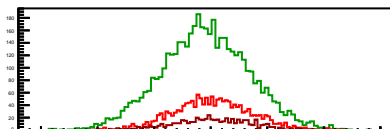
Cycle 5, Diffs

Entries: 1598	Entries: 4646	Entries: 1660
Mean: 0.0133 +/- 0.0089	Mean: -0.0611 +/- 0.0057	Mean: 0.0261 +/- 0.0086
Std Dev: 0.3572 +/- 0.0063	Std Dev: 0.3881 +/- 0.0040	Std Dev: 0.3493 +/- 0.0061



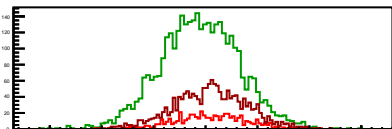
Cycle 6, Diffs

Entries: 1638	Entries: 4671	Entries: 574
Mean: 0.0157 +/- 0.0083	Mean: -0.0497 +/- 0.0057	Mean: 0.0176 +/- 0.0143
Std Dev: 0.3342 +/- 0.0058	Std Dev: 0.3892 +/- 0.0040	Std Dev: 0.3430 +/- 0.0101



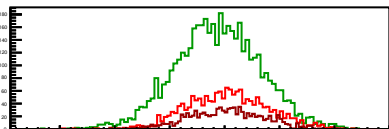
Cycle 7, Diffs

Entries: 568	Entries: 3614	Entries: 1652
Mean: 0.0370 +/- 0.0144	Mean: -0.0539 +/- 0.0063	Mean: 0.0470 +/- 0.0087
Std Dev: 0.3443 +/- 0.0102	Std Dev: 0.3807 +/- 0.0045	Std Dev: 0.3519 +/- 0.0061



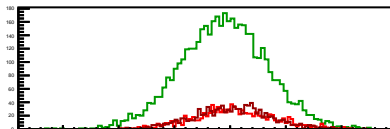
Cycle 8, Diffs

Entries: 1675	Entries: 4623	Entries: 1023
Mean: 0.0231 +/- 0.0089	Mean: -0.0629 +/- 0.0057	Mean: 0.0128 +/- 0.0107
Std Dev: 0.3644 +/- 0.0063	Std Dev: 0.3871 +/- 0.0040	Std Dev: 0.3428 +/- 0.0076



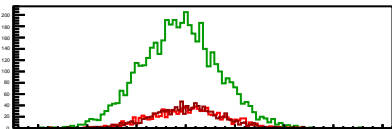
Cycle 9, Diffs

Entries: 1019	Entries: 4615	Entries: 1031
Mean: 0.0364 +/- 0.0112	Mean: -0.0583 +/- 0.0057	Mean: 0.0183 +/- 0.0106
Std Dev: 0.3569 +/- 0.0079	Std Dev: 0.3860 +/- 0.0040	Std Dev: 0.3398 +/- 0.0075



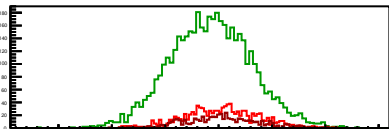
Cycle 10, Diffs

Entries: 1024	Entries: 4668	Entries: 1109
Mean: 0.0194 +/- 0.0113	Mean: -0.0658 +/- 0.0057	Mean: 0.0012 +/- 0.0103
Std Dev: 0.3620 +/- 0.0080	Std Dev: 0.3901 +/- 0.0040	Std Dev: 0.3441 +/- 0.0073



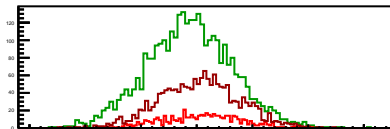
Cycle 11, Diffs

Entries: 1080	Entries: 4638	Entries: 577
Mean: 0.0259 +/- 0.0105	Mean: -0.0721 +/- 0.0056	Mean: 0.0194 +/- 0.0145
Std Dev: 0.3466 +/- 0.0075	Std Dev: 0.3824 +/- 0.0040	Std Dev: 0.3482 +/- 0.0103



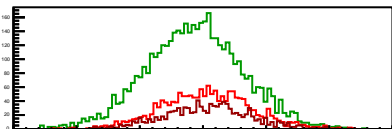
Cycle 12, Diffs

Entries: 574	Entries: 3367	Entries: 1680
Mean: 0.0393 +/- 0.0143	Mean: -0.0654 +/- 0.0066	Mean: 0.0248 +/- 0.0087
Std Dev: 0.3438 +/- 0.0101	Std Dev: 0.3846 +/- 0.0047	Std Dev: 0.3573 +/- 0.0062



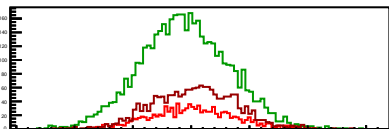
Cycle 13, Diffs

Entries: 1655	Entries: 4646	Entries: 1062
Mean: 0.0258 +/- 0.0087	Mean: -0.0655 +/- 0.0056	Mean: 0.0306 +/- 0.0105
Std Dev: 0.3530 +/- 0.0061	Std Dev: 0.3821 +/- 0.0040	Std Dev: 0.3424 +/- 0.0074



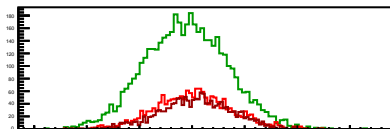
Cycle 14, Diffs

Entries: 1047	Entries: 4612	Entries: 1760
Mean: 0.0063 +/- 0.0109	Mean: -0.0578 +/- 0.0056	Mean: 0.0254 +/- 0.0083
Std Dev: 0.3531 +/- 0.0077	Std Dev: 0.3777 +/- 0.0039	Std Dev: 0.3484 +/- 0.0059



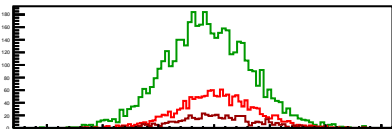
Cycle 15, Diffs

Entries: 1705	Entries: 4653	Entries: 1640
Mean: 0.0161 +/- 0.0086	Mean: -0.0549 +/- 0.0057	Mean: 0.0348 +/- 0.0083
Std Dev: 0.3559 +/- 0.0061	Std Dev: 0.3889 +/- 0.0040	Std Dev: 0.3367 +/- 0.0059



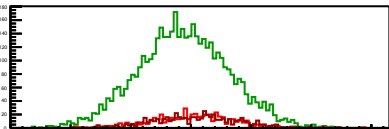
Cycle 16, Diffs

Entries: 1626	Entries: 4644	Entries: 545
Mean: 0.0209 +/- 0.0085	Mean: -0.0617 +/- 0.0056	Mean: 0.0306 +/- 0.0151
Std Dev: 0.3427 +/- 0.0060	Std Dev: 0.3830 +/- 0.0040	Std Dev: 0.3537 +/- 0.0107



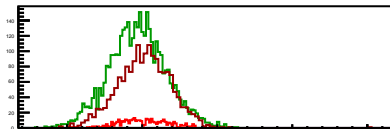
Cycle 17, Diffs

Entries: 540	Entries: 4647	Entries: 553
Mean: 0.0009 +/- 0.0148	Mean: -0.0635 +/- 0.0055	Mean: 0.0422 +/- 0.0146
Std Dev: 0.3439 +/- 0.0105	Std Dev: 0.3781 +/- 0.0039	Std Dev: 0.3436 +/- 0.0103



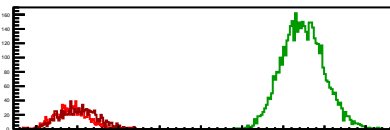
Cycle 18, Diffs

Entries: 358	Entries: 3947	Entries: 1720
Mean: 0.0182 +/- 0.0175	Mean: -0.0580 +/- 0.0061	Mean: 0.0276 +/- 0.0084
Std Dev: 0.3317 +/- 0.0124	Std Dev: 0.3818 +/- 0.0043	Std Dev: 0.3503 +/- 0.0060

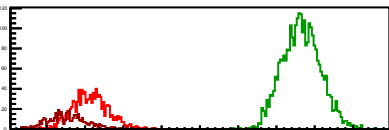


**Cycle 1, Sums**

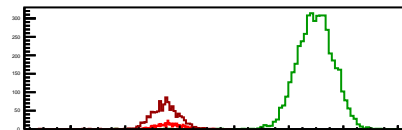
Entries: 1073	Entries: 4687	Entries: 1029
Mean: 15.8665 +/- 0.0120	Mean: 21.4768 +/- 0.0075	Mean: 16.0229 +/- 0.0146
Std Dev: 0.3915 +/- 0.0085	Std Dev: 0.5115 +/- 0.0053	Std Dev: 0.4679 +/- 0.0103

**Cycle 2, Sums**

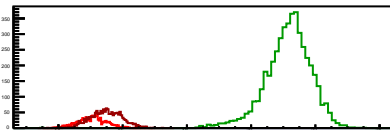
Entries: 1046	Entries: 2993	Entries: 476
Mean: 16.1486 +/- 0.0145	Mean: 21.6519 +/- 0.0090	Mean: 15.5354 +/- 0.0228
Std Dev: 0.4676 +/- 0.0102	Std Dev: 0.4942 +/- 0.0064	Std Dev: 0.4967 +/- 0.0161

**Cycle 3, Sums**

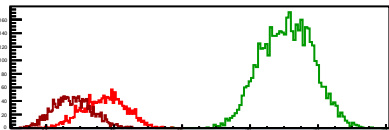
Entries: 482	Entries: 4637	Entries: 1082
Mean: 15.6317 +/- 0.0207	Mean: 20.9642 +/- 0.0100	Mean: 15.4669 +/- 0.0160
Std Dev: 0.4544 +/- 0.0146	Std Dev: 0.6829 +/- 0.0071	Std Dev: 0.5259 +/- 0.0113

**Cycle 4, Sums**

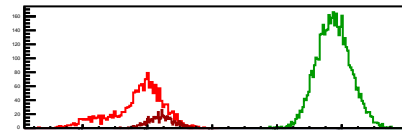
Entries: 1064	Entries: 4634	Entries: 1618
Mean: 15.0519 +/- 0.0136	Mean: 21.4449 +/- 0.0106	Mean: 15.4827 +/- 0.0123
Std Dev: 0.4448 +/- 0.0096	Std Dev: 0.7207 +/- 0.0075	Std Dev: 0.4931 +/- 0.0087

**Cycle 5, Sums**

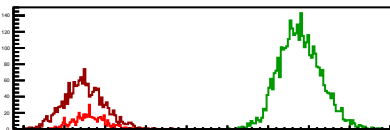
Entries: 1598	Entries: 4646	Entries: 1660
Mean: 15.7157 +/- 0.0158	Mean: 21.0862 +/- 0.0112	Mean: 14.7879 +/- 0.0137
Std Dev: 0.6299 +/- 0.0111	Std Dev: 0.7641 +/- 0.0079	Std Dev: 0.5593 +/- 0.0097

**Cycle 6, Sums**

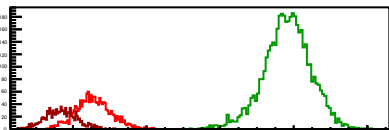
Entries: 1638	Entries: 4671	Entries: 574
Mean: 15.7021 +/- 0.0201	Mean: 21.7463 +/- 0.0076	Mean: 15.4147 +/- 0.0162
Std Dev: 0.8117 +/- 0.0142	Std Dev: 0.5227 +/- 0.0054	Std Dev: 0.3874 +/- 0.0114

**Cycle 7, Sums**

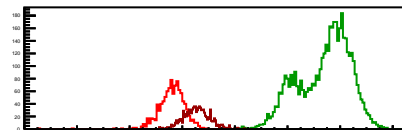
Entries: 568	Entries: 3614	Entries: 1652
Mean: 16.5986 +/- 0.0164	Mean: 21.7835 +/- 0.0085	Mean: 16.4799 +/- 0.0122
Std Dev: 0.3912 +/- 0.0116	Std Dev: 0.5123 +/- 0.0060	Std Dev: 0.4953 +/- 0.0086

**Cycle 8, Sums**

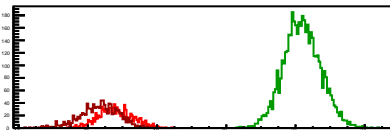
Entries: 1675	Entries: 4623	Entries: 1023
Mean: 16.5544 +/- 0.0118	Mean: 21.8215 +/- 0.0094	Mean: 15.6742 +/- 0.0131
Std Dev: 0.4849 +/- 0.0084	Std Dev: 0.6397 +/- 0.0067	Std Dev: 0.4202 +/- 0.0093

**Cycle 9, Sums**

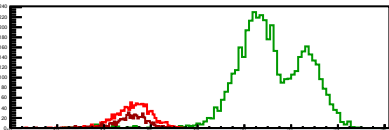
Entries: 1019	Entries: 4615	Entries: 1031
Mean: 15.6072 +/- 0.0157	Mean: 21.3999 +/- 0.0145	Mean: 15.5548 +/- 0.0152
Std Dev: 0.5010 +/- 0.0111	Std Dev: 0.9839 +/- 0.0102	Std Dev: 0.4868 +/- 0.0107

**Cycle 10, Sums**

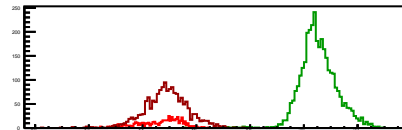
Entries: 1024	Entries: 4668	Entries: 1109
Mean: 16.7999 +/- 0.0156	Mean: 22.1909 +/- 0.0078	Mean: 15.8332 +/- 0.0172
Std Dev: 0.4977 +/- 0.0110	Std Dev: 0.5360 +/- 0.0055	Std Dev: 0.5718 +/- 0.0121

**Cycle 11, Sums**

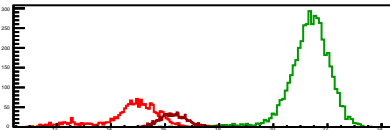
Entries: 1080	Entries: 4638	Entries: 577
Mean: 15.2519 +/- 0.0236	Mean: 21.1635 +/- 0.0224	Mean: 15.1296 +/- 0.0311
Std Dev: 0.7767 +/- 0.0167	Std Dev: 1.5241 +/- 0.0158	Std Dev: 0.7478 +/- 0.0220

**Cycle 12, Sums**

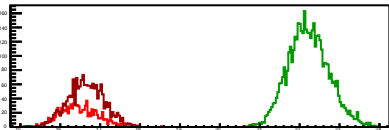
Entries: 574	Entries: 3367	Entries: 1680
Mean: 14.6388 +/- 0.0337	Mean: 20.5504 +/- 0.0116	Mean: 14.8831 +/- 0.0197
Std Dev: 0.8084 +/- 0.0239	Std Dev: 0.6730 +/- 0.0082	Std Dev: 0.8085 +/- 0.0139

**Cycle 13, Sums**

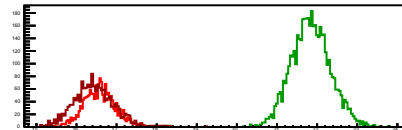
Entries: 1655	Entries: 4646	Entries: 1062
Mean: 14.7127 +/- 0.0271	Mean: 21.3369 +/- 0.0113	Mean: 16.3313 +/- 0.0151
Std Dev: 1.1042 +/- 0.0192	Std Dev: 0.7724 +/- 0.0080	Std Dev: 0.4911 +/- 0.0107

**Cycle 14, Sums**

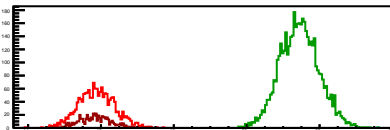
Entries: 1047	Entries: 4612	Entries: 1760
Mean: 16.4631 +/- 0.0143	Mean: 21.6447 +/- 0.0075	Mean: 16.6453 +/- 0.0109
Std Dev: 0.4623 +/- 0.0101	Std Dev: 0.5091 +/- 0.0053	Std Dev: 0.4576 +/- 0.0077

**Cycle 15, Sums**

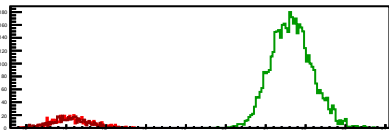
Entries: 1705	Entries: 4653	Entries: 1640
Mean: 16.5796 +/- 0.0097	Mean: 21.8460 +/- 0.0071	Mean: 16.4377 +/- 0.0125
Std Dev: 0.4004 +/- 0.0069	Std Dev: 0.4833 +/- 0.0050	Std Dev: 0.5064 +/- 0.0088

**Cycle 16, Sums**

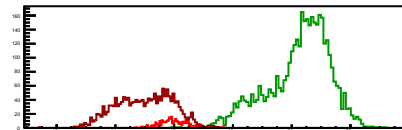
Entries: 1626	Entries: 4644	Entries: 545
Mean: 15.8827 +/- 0.0123	Mean: 21.4520 +/- 0.0078	Mean: 15.8422 +/- 0.0192
Std Dev: 0.4942 +/- 0.0087	Std Dev: 0.5346 +/- 0.0055	Std Dev: 0.4486 +/- 0.0136

**Cycle 17, Sums**

Entries: 540	Entries: 4647	Entries: 553
Mean: 16.1520 +/- 0.0211	Mean: 21.6447 +/- 0.0075	Mean: 16.0878 +/- 0.0196
Std Dev: 0.4894 +/- 0.0149	Std Dev: 0.5127 +/- 0.0053	Std Dev: 0.4615 +/- 0.0139

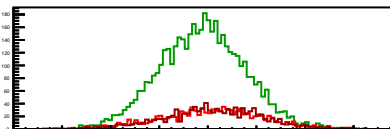
**Cycle 18, Sums**

Entries: 358	Entries: 3947	Entries: 1720
Mean: 16.0206 +/- 0.0264	Mean: 20.5522 +/- 0.0168	Mean: 14.9874 +/- 0.0229
Std Dev: 0.4995 +/- 0.0187	Std Dev: 1.0547 +/- 0.0119	Std Dev: 0.9496 +/- 0.0162

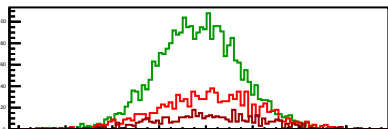


**Cycle 1, Asyms**

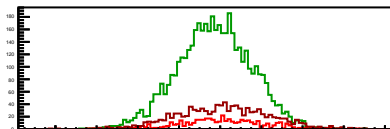
Entries: 1073	Entries: 4687	Entries: 1029
Mean: 0.0013 +/- 0.0006	Mean: -0.0023 +/- 0.0003	Mean: 0.0019 +/- 0.0006
Std Dev: 0.0209 +/- 0.0005	Std Dev: 0.0176 +/- 0.0002	Std Dev: 0.0205 +/- 0.0005

**Cycle 2, Asyms**

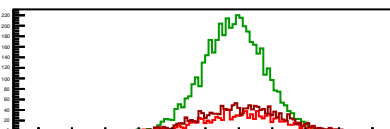
Entries: 1046	Entries: 2993	Entries: 476
Mean: 0.0014 +/- 0.0007	Mean: -0.0031 +/- 0.0003	Mean: 0.0013 +/- 0.0010
Std Dev: 0.0213 +/- 0.0005	Std Dev: 0.0176 +/- 0.0002	Std Dev: 0.0208 +/- 0.0007

**Cycle 3, Asyms**

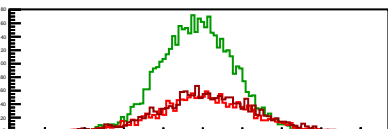
Entries: 482	Entries: 4637	Entries: 1082
Mean: 0.0009 +/- 0.0010	Mean: -0.0029 +/- 0.0003	Mean: 0.0013 +/- 0.0007
Std Dev: 0.0213 +/- 0.0007	Std Dev: 0.0181 +/- 0.0002	Std Dev: 0.0225 +/- 0.0005

**Cycle 4, Asyms**

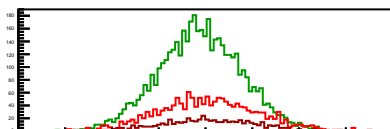
Entries: 1064	Entries: 4634	Entries: 1618
Mean: 0.0018 +/- 0.0007	Mean: -0.0030 +/- 0.0003	Mean: 0.0019 +/- 0.0006
Std Dev: 0.0231 +/- 0.0005	Std Dev: 0.0181 +/- 0.0002	Std Dev: 0.0226 +/- 0.0004

**Cycle 5, Asyms**

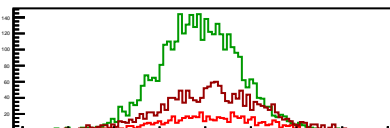
Entries: 1598	Entries: 4646	Entries: 1660
Mean: 0.0008 +/- 0.0006	Mean: -0.0029 +/- 0.0003	Mean: 0.0017 +/- 0.0006
Std Dev: 0.0227 +/- 0.0004	Std Dev: 0.0184 +/- 0.0002	Std Dev: 0.0236 +/- 0.0004

**Cycle 6, Asyms**

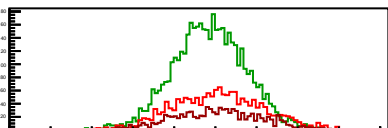
Entries: 1638	Entries: 4671	Entries: 574
Mean: 0.0010 +/- 0.0005	Mean: -0.0023 +/- 0.0003	Mean: 0.0011 +/- 0.0009
Std Dev: 0.0213 +/- 0.0004	Std Dev: 0.0179 +/- 0.0002	Std Dev: 0.0208 +/- 0.0006

**Cycle 7, Asyms**

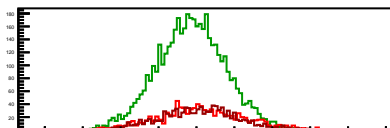
Entries: 568	Entries: 3614	Entries: 1652
Mean: 0.0022 +/- 0.0009	Mean: -0.0025 +/- 0.0003	Mean: 0.0028 +/- 0.0005
Std Dev: 0.0207 +/- 0.0006	Std Dev: 0.0174 +/- 0.0002	Std Dev: 0.0213 +/- 0.0004

**Cycle 8, Asyms**

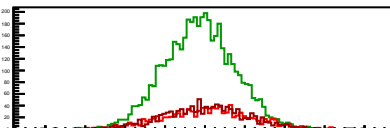
Entries: 1675	Entries: 4623	Entries: 1023
Mean: 0.0014 +/- 0.0005	Mean: -0.0029 +/- 0.0003	Mean: 0.0008 +/- 0.0007
Std Dev: 0.0219 +/- 0.0004	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0219 +/- 0.0005

**Cycle 9, Asyms**

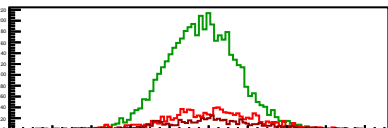
Entries: 1019	Entries: 4615	Entries: 1031
Mean: 0.0023 +/- 0.0007	Mean: -0.0023 +/- 0.0003	Mean: 0.0011 +/- 0.0006
Std Dev: 0.0229 +/- 0.0005	Std Dev: 0.0180 +/- 0.0002	Std Dev: 0.0206 +/- 0.0005

**Cycle 10, Asyms**

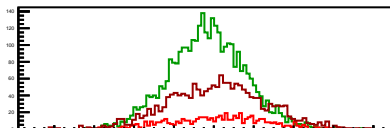
Entries: 1024	Entries: 4668	Entries: 1109
Mean: 0.0011 +/- 0.0007	Mean: -0.0029 +/- 0.0003	Mean: 0.0001 +/- 0.0006
Std Dev: 0.0215 +/- 0.0005	Std Dev: 0.0176 +/- 0.0002	Std Dev: 0.0211 +/- 0.0004

**Cycle 11, Asyms**

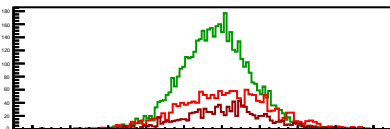
Entries: 1080	Entries: 4638	Entries: 577
Mean: 0.0017 +/- 0.0007	Mean: -0.0034 +/- 0.0003	Mean: 0.0012 +/- 0.0010
Std Dev: 0.0228 +/- 0.0005	Std Dev: 0.0183 +/- 0.0002	Std Dev: 0.0232 +/- 0.0007

**Cycle 12, Asyms**

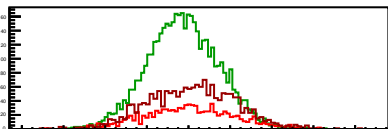
Entries: 574	Entries: 3367	Entries: 1680
Mean: 0.0026 +/- 0.0010	Mean: -0.0032 +/- 0.0003	Mean: 0.0017 +/- 0.0006
Std Dev: 0.0234 +/- 0.0007	Std Dev: 0.0187 +/- 0.0002	Std Dev: 0.0241 +/- 0.0004

**Cycle 13, Asyms**

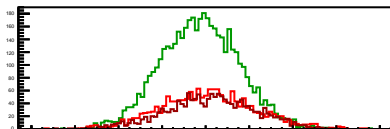
Entries: 1655	Entries: 4648	Entries: 1062
Mean: 0.0017 +/- 0.0006	Mean: -0.0031 +/- 0.0003	Mean: 0.0019 +/- 0.0006
Std Dev: 0.0242 +/- 0.0004	Std Dev: 0.0179 +/- 0.0002	Std Dev: 0.0209 +/- 0.0005

**Cycle 14, Asyms**

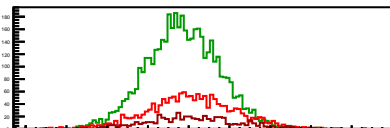
Entries: 1047	Entries: 4612	Entries: 1760
Mean: 0.0004 +/- 0.0007	Mean: -0.0026 +/- 0.0003	Mean: 0.0015 +/- 0.0005
Std Dev: 0.0214 +/- 0.0005	Std Dev: 0.0170 +/- 0.0002	Std Dev: 0.0209 +/- 0.0004

**Cycle 15, Asyms**

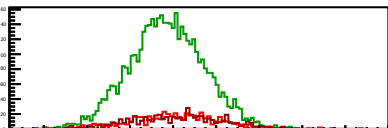
Entries: 1705	Entries: 4653	Entries: 1640
Mean: 0.0010 +/- 0.0005	Mean: -0.0025 +/- 0.0003	Mean: 0.0021 +/- 0.0005
Std Dev: 0.0214 +/- 0.0004	Std Dev: 0.0178 +/- 0.0002	Std Dev: 0.0205 +/- 0.0004

**Cycle 16, Asyms**

Entries: 1626	Entries: 4644	Entries: 545
Mean: 0.0017 +/- 0.0005	Mean: -0.0029 +/- 0.0003	Mean: 0.0020 +/- 0.0010
Std Dev: 0.0216 +/- 0.0004	Std Dev: 0.0178 +/- 0.0002	Std Dev: 0.0223 +/- 0.0007

**Cycle 17, Asyms**

Entries: 540	Entries: 4647	Entries: 553
Mean: 0.0001 +/- 0.0009	Mean: -0.0029 +/- 0.0003	Mean: 0.0026 +/- 0.0009
Std Dev: 0.0212 +/- 0.0006	Std Dev: 0.0174 +/- 0.0002	Std Dev: 0.0213 +/- 0.0006

**Cycle 18, Asyms**

Entries: 358	Entries: 3947	Entries: 1720
Mean: 0.0012 +/- 0.0011	Mean: -0.0029 +/- 0.0003	Mean: 0.0018 +/- 0.0006
Std Dev: 0.0207 +/- 0.0008	Std Dev: 0.0189 +/- 0.0002	Std Dev: 0.0232 +/- 0.0004

