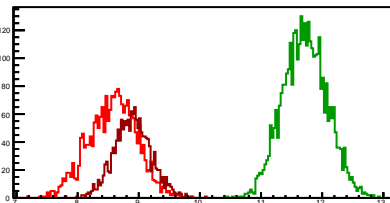


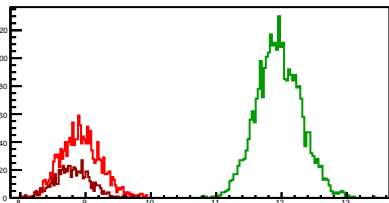
Cycle 1, PosHel

Entries: 2201	Entries: 3693	Entries: 1573
Mean: 8.5741 +/- 0.0084	Mean: 11.7172 +/- 0.0059	Mean: 8.8970 +/- 0.0076
Std Dev: 0.3937 +/- 0.0059	Std Dev: 0.3608 +/- 0.0042	Std Dev: 0.2996 +/- 0.0053



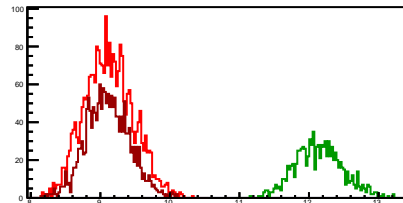
Cycle 2, PosHel

Entries: 1571	Entries: 3031	Entries: 703
Mean: 8.9209 +/- 0.0077	Mean: 11.9590 +/- 0.0062	Mean: 8.8009 +/- 0.0103
Std Dev: 0.3057 +/- 0.0055	Std Dev: 0.3403 +/- 0.0044	Std Dev: 0.2724 +/- 0.0073



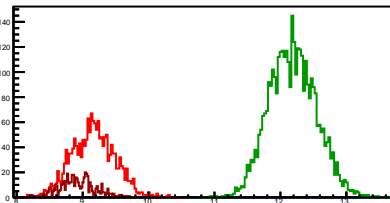
Cycle 3, PosHel

Entries: 2620	Entries: 974	Entries: 1777
Mean: 9.1211 +/- 0.0069	Mean: 12.1455 +/- 0.0110	Mean: 9.1063 +/- 0.0074
Std Dev: 0.3507 +/- 0.0048	Std Dev: 0.3433 +/- 0.0078	Std Dev: 0.3121 +/- 0.0052



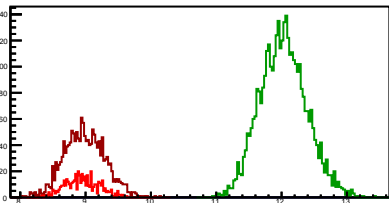
Cycle 4, PosHel

Entries: 1753	Entries: 3698	Entries: 501
Mean: 9.1613 +/- 0.0078	Mean: 12.1848 +/- 0.0059	Mean: 8.9236 +/- 0.0119
Std Dev: 0.3271 +/- 0.0055	Std Dev: 0.3576 +/- 0.0042	Std Dev: 0.2668 +/- 0.0084



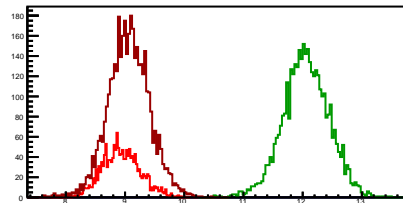
Cycle 5, PosHel

Entries: 494	Entries: 3751	Entries: 1642
Mean: 8.9481 +/- 0.0123	Mean: 12.0253 +/- 0.0058	Mean: 8.9856 +/- 0.0077
Std Dev: 0.2726 +/- 0.0087	Std Dev: 0.3565 +/- 0.0041	Std Dev: 0.3111 +/- 0.0054



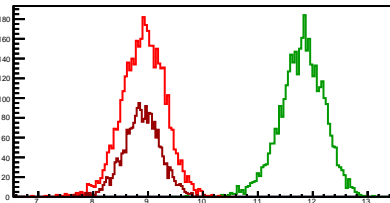
Cycle 6, PosHel

Entries: 1625	Entries: 3802	Entries: 4095
Mean: 8.9355 +/- 0.0080	Mean: 12.0540 +/- 0.0063	Mean: 9.0641 +/- 0.0055
Std Dev: 0.3211 +/- 0.0056	Std Dev: 0.3899 +/- 0.0045	Std Dev: 0.3514 +/- 0.0039



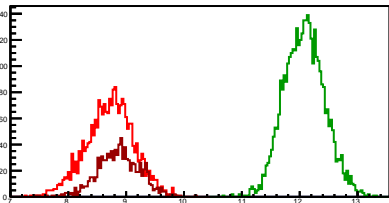
Cycle 7, PosHel

Entries: 4008	Entries: 3727	Entries: 2309
Mean: 8.9146 +/- 0.0063	Mean: 11.7985 +/- 0.0066	Mean: 8.8875 +/- 0.0071
Std Dev: 0.3962 +/- 0.0044	Std Dev: 0.4032 +/- 0.0047	Std Dev: 0.3419 +/- 0.0050



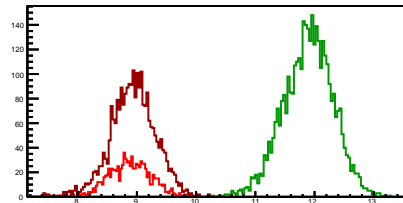
Cycle 8, PosHel

Entries: 2394	Entries: 3746	Entries: 957
Mean: 8.7157 +/- 0.0084	Mean: 12.0799 +/- 0.0057	Mean: 8.8741 +/- 0.0120
Std Dev: 0.4117 +/- 0.0059	Std Dev: 0.3512 +/- 0.0041	Std Dev: 0.3704 +/- 0.0085



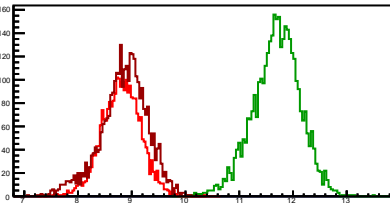
Cycle 9, PosHel

Entries: 968	Entries: 3767	Entries: 2534
Mean: 8.8831 +/- 0.0112	Mean: 11.8915 +/- 0.0069	Mean: 8.9318 +/- 0.0076
Std Dev: 0.3498 +/- 0.0079	Std Dev: 0.4212 +/- 0.0049	Std Dev: 0.3838 +/- 0.0054



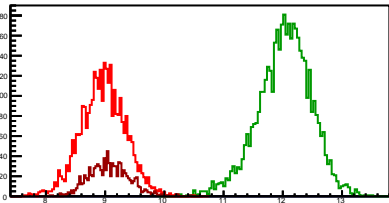
Cycle 10, PosHel

Entries: 2570	Entries: 3699	Entries: 3188
Mean: 8.8061 +/- 0.0071	Mean: 11.6924 +/- 0.0072	Mean: 8.8506 +/- 0.0078
Std Dev: 0.3599 +/- 0.0050	Std Dev: 0.4394 +/- 0.0051	Std Dev: 0.4392 +/- 0.0055



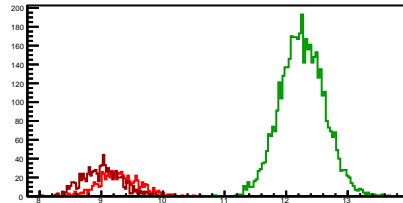
Cycle 11, PosHel

Entries: 3223	Entries: 4601	Entries: 991
Mean: 8.9654 +/- 0.0067	Mean: 12.0270 +/- 0.0067	Mean: 9.0702 +/- 0.0107
Std Dev: 0.3783 +/- 0.0047	Std Dev: 0.4532 +/- 0.0047	Std Dev: 0.3372 +/- 0.0076



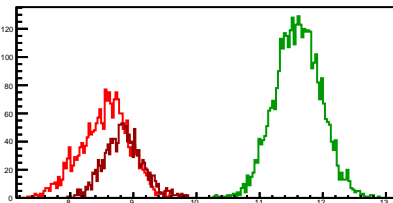
Cycle 12, PosHel

Entries: 731	Entries: 4636	Entries: 932
Mean: 9.2947 +/- 0.0125	Mean: 12.2600 +/- 0.0053	Mean: 9.0141 +/- 0.0106
Std Dev: 0.3380 +/- 0.0088	Std Dev: 0.3594 +/- 0.0037	Std Dev: 0.3237 +/- 0.0075



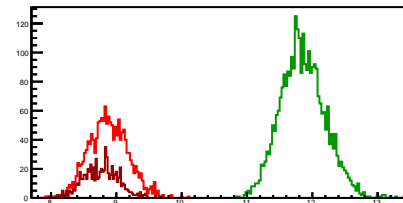
Cycle 1, NegHel

Entries: 2201	Entries: 3693	Entries: 1573
Mean: 8.5520 +/- 0.0083	Mean: 11.6035 +/- 0.0060	Mean: 8.8480 +/- 0.0078
Std Dev: 0.3884 +/- 0.0059	Std Dev: 0.3628 +/- 0.0042	Std Dev: 0.3075 +/- 0.0055



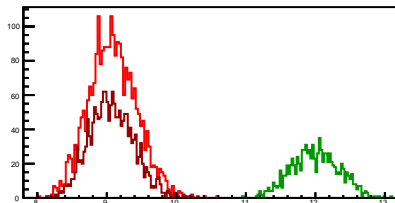
Cycle 2, NegHel

Entries: 1571	Entries: 3031	Entries: 703
Mean: 8.8805 +/- 0.0075	Mean: 11.8528 +/- 0.0062	Mean: 8.7634 +/- 0.0102
Std Dev: 0.2979 +/- 0.0053	Std Dev: 0.3408 +/- 0.0044	Std Dev: 0.2708 +/- 0.0072



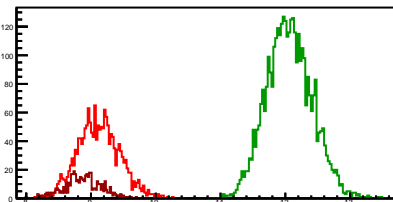
Cycle 3, NegHel

Entries: 2620	Entries: 974	Entries: 1777
Mean: 9.0832 +/- 0.0067	Mean: 11.9971 +/- 0.0109	Mean: 9.0702 +/- 0.0076
Std Dev: 0.3444 +/- 0.0048	Std Dev: 0.3414 +/- 0.0077	Std Dev: 0.3215 +/- 0.0054



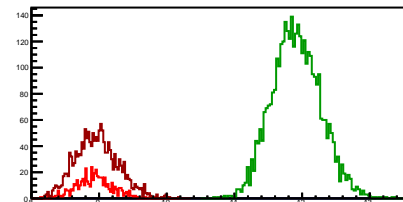
Cycle 4, NegHel

Entries: 1753	Entries: 3698	Entries: 501
Mean: 9.1182 +/- 0.0078	Mean: 12.0615 +/- 0.0058	Mean: 8.8749 +/- 0.0126
Std Dev: 0.3247 +/- 0.0055	Std Dev: 0.3509 +/- 0.0041	Std Dev: 0.2829 +/- 0.0089



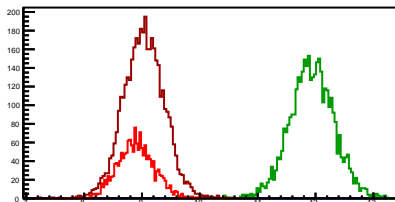
Cycle 5, NegHel

Entries: 494	Entries: 3751	Entries: 1642
Mean: 8.9341 +/- 0.0124	Mean: 11.9137 +/- 0.0059	Mean: 8.9652 +/- 0.0078
Std Dev: 0.2762 +/- 0.0088	Std Dev: 0.3588 +/- 0.0041	Std Dev: 0.3144 +/- 0.0055



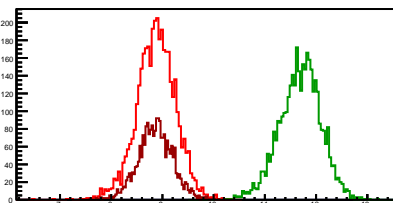
Cycle 6, NegHel

Entries: 1625	Entries: 3802	Entries: 4095
Mean: 8.8987 +/- 0.0079	Mean: 11.9349 +/- 0.0063	Mean: 9.0298 +/- 0.0055
Std Dev: 0.3171 +/- 0.0056	Std Dev: 0.3866 +/- 0.0044	Std Dev: 0.3539 +/- 0.0039



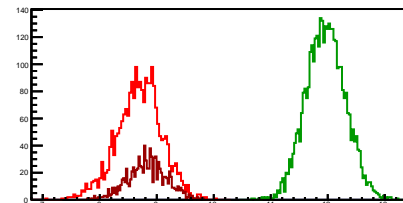
Cycle 7, NegHel

Entries: 4008	Entries: 3727	Entries: 2309
Mean: 8.8736 +/- 0.0061	Mean: 11.6863 +/- 0.0066	Mean: 8.8617 +/- 0.0071
Std Dev: 0.3868 +/- 0.0043	Std Dev: 0.4055 +/- 0.0047	Std Dev: 0.3395 +/- 0.0050



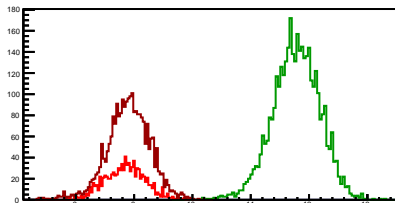
Cycle 8, NegHel

Entries: 2394	Entries: 3746	Entries: 957
Mean: 8.6913 +/- 0.0082	Mean: 11.9654 +/- 0.0057	Mean: 8.8279 +/- 0.0111
Std Dev: 0.3993 +/- 0.0058	Std Dev: 0.3462 +/- 0.0040	Std Dev: 0.3427 +/- 0.0078



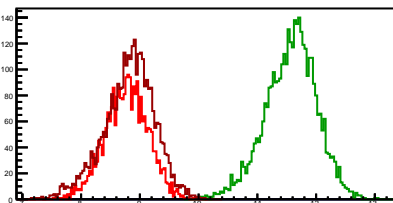
Cycle 9, NegHel

Entries: 968	Entries: 3767	Entries: 2534
Mean: 8.8457 +/- 0.0114	Mean: 11.7768 +/- 0.0066	Mean: 8.8962 +/- 0.0075
Std Dev: 0.3549 +/- 0.0081	Std Dev: 0.4062 +/- 0.0047	Std Dev: 0.3754 +/- 0.0053



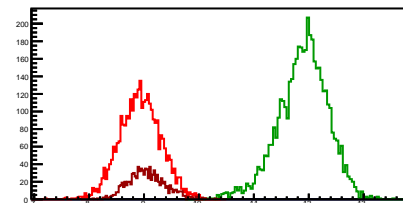
Cycle 10, NegHel

Entries: 2570	Entries: 3699	Entries: 3188
Mean: 8.7689 +/- 0.0072	Mean: 11.5693 +/- 0.0072	Mean: 8.8115 +/- 0.0077
Std Dev: 0.3657 +/- 0.0051	Std Dev: 0.4362 +/- 0.0051	Std Dev: 0.4372 +/- 0.0055



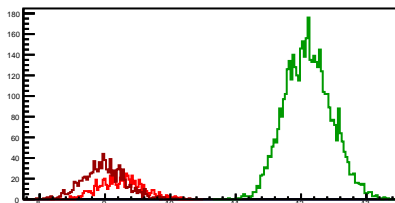
Cycle 11, NegHel

Entries: 3223	Entries: 4601	Entries: 991
Mean: 8.9287 +/- 0.0066	Mean: 11.8926 +/- 0.0067	Mean: 9.0496 +/- 0.0106
Std Dev: 0.3759 +/- 0.0047	Std Dev: 0.4546 +/- 0.0047	Std Dev: 0.3330 +/- 0.0075



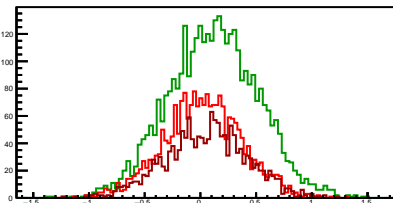
Cycle 12, NegHel

Entries: 731	Entries: 4636	Entries: 932
Mean: 9.2453 +/- 0.0123	Mean: 12.1071 +/- 0.0052	Mean: 8.9837 +/- 0.0105
Std Dev: 0.3329 +/- 0.0087	Std Dev: 0.3571 +/- 0.0037	Std Dev: 0.3209 +/- 0.0074



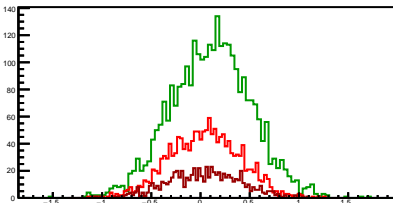
Cycle 1, Diffs

Entries: 2201	Entries: 3693	Entries: 1573
Mean: 0.0221 +/- 0.0075	Mean: 0.1137 +/- 0.0066	Mean: 0.0490 +/- 0.0093
Std Dev: 0.3530 +/- 0.0053	Std Dev: 0.4014 +/- 0.0047	Std Dev: 0.3696 +/- 0.0066



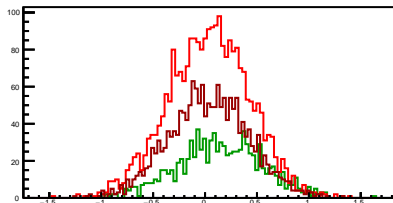
Cycle 2, Diffs

Entries: 1571	Entries: 3031	Entries: 703
Mean: 0.0404 +/- 0.0091	Mean: 0.1061 +/- 0.0074	Mean: 0.0376 +/- 0.0136
Std Dev: 0.3591 +/- 0.0064	Std Dev: 0.4066 +/- 0.0052	Std Dev: 0.3611 +/- 0.0066



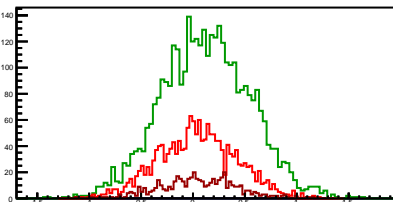
Cycle 3, Diffs

Entries: 2620	Entries: 974	Entries: 1777
Mean: 0.0380 +/- 0.0076	Mean: 0.1484 +/- 0.0132	Mean: 0.0361 +/- 0.0091
Std Dev: 0.3896 +/- 0.0054	Std Dev: 0.4108 +/- 0.0093	Std Dev: 0.3832 +/- 0.0064



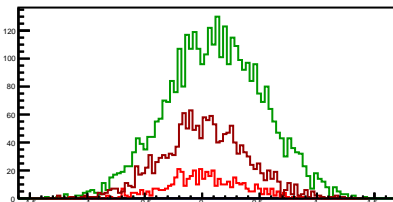
Cycle 4, Diffs

Entries: 1753	Entries: 3698	Entries: 501
Mean: 0.0431 +/- 0.0091	Mean: 0.1233 +/- 0.0070	Mean: 0.0487 +/- 0.0163
Std Dev: 0.3804 +/- 0.0064	Std Dev: 0.4261 +/- 0.0050	Std Dev: 0.3638 +/- 0.0115



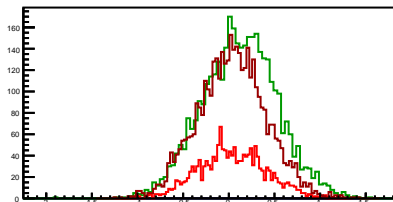
Cycle 5, Diffs

Entries: 494	Entries: 3751	Entries: 1642
Mean: 0.0140 +/- 0.0157	Mean: 0.1117 +/- 0.0069	Mean: 0.0204 +/- 0.0092
Std Dev: 0.3485 +/- 0.0111	Std Dev: 0.4198 +/- 0.0048	Std Dev: 0.3720 +/- 0.0065



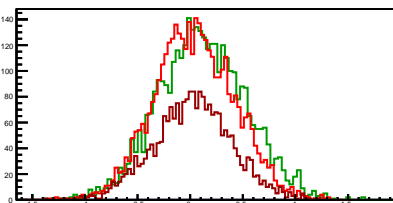
Cycle 6, Diffs

Entries: 1625	Entries: 3802	Entries: 4095
Mean: 0.0368 +/- 0.0091	Mean: 0.1191 +/- 0.0066	Mean: 0.0343 +/- 0.0059
Std Dev: 0.3684 +/- 0.0065	Std Dev: 0.4094 +/- 0.0047	Std Dev: 0.3748 +/- 0.0041



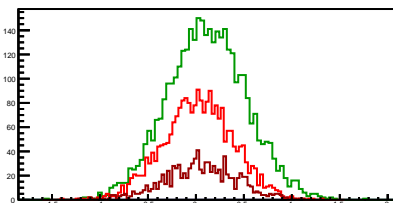
Cycle 7, Diffs

Entries: 4008	Entries: 3727	Entries: 2309
Mean: 0.0410 +/- 0.0060	Mean: 0.1122 +/- 0.0068	Mean: 0.0258 +/- 0.0077
Std Dev: 0.3803 +/- 0.0042	Std Dev: 0.4154 +/- 0.0048	Std Dev: 0.3691 +/- 0.0054



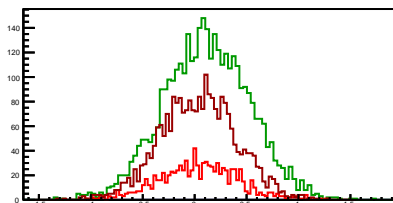
Cycle 8, Diffs

Entries: 2394	Entries: 3746	Entries: 957
Mean: 0.0244 +/- 0.0075	Mean: 0.1145 +/- 0.0067	Mean: 0.0462 +/- 0.0123
Std Dev: 0.3672 +/- 0.0053	Std Dev: 0.4109 +/- 0.0047	Std Dev: 0.3792 +/- 0.0087



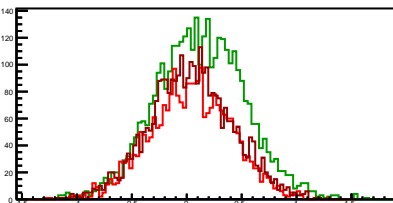
Cycle 9, Diffs

Entries: 968	Entries: 3767	Entries: 2534
Mean: 0.0374 +/- 0.0122	Mean: 0.1147 +/- 0.0068	Mean: 0.0355 +/- 0.0073
Std Dev: 0.3790 +/- 0.0086	Std Dev: 0.4146 +/- 0.0048	Std Dev: 0.3666 +/- 0.0051



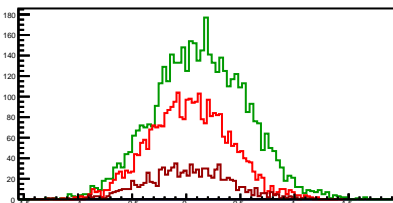
Cycle 10, Diffs

Entries: 2570	Entries: 3699	Entries: 3188
Mean: 0.0372 +/- 0.0073	Mean: 0.1231 +/- 0.0067	Mean: 0.0391 +/- 0.0067
Std Dev: 0.3700 +/- 0.0052	Std Dev: 0.4057 +/- 0.0047	Std Dev: 0.3776 +/- 0.0047



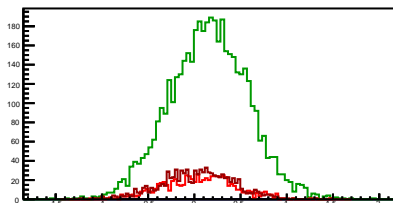
Cycle 11, Diffs

Entries: 3223	Entries: 4601	Entries: 991
Mean: 0.0367 +/- 0.0066	Mean: 0.1344 +/- 0.0063	Mean: 0.0206 +/- 0.0121
Std Dev: 0.3734 +/- 0.0047	Std Dev: 0.4243 +/- 0.0044	Std Dev: 0.3823 +/- 0.0086



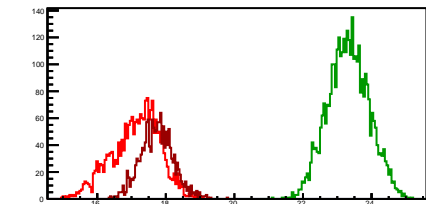
Cycle 12, Diffs

Entries: 731	Entries: 4636	Entries: 932
Mean: 0.0493 +/- 0.0145	Mean: 0.1529 +/- 0.0062	Mean: 0.0305 +/- 0.0126
Std Dev: 0.3924 +/- 0.0103	Std Dev: 0.4231 +/- 0.0044	Std Dev: 0.3853 +/- 0.0089



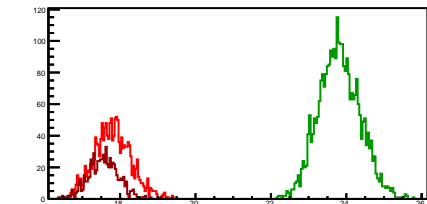
Cycle 1, Sums

Entries: 2201	Entries: 3693	Entries: 1573
Mean: 17.1261 +/- 0.0149	Mean: 23.3207 +/- 0.0099	Mean: 17.7450 +/- 0.0121
Std Dev: 0.6980 +/- 0.0105	Std Dev: 0.6020 +/- 0.0070	Std Dev: 0.4817 +/- 0.0086



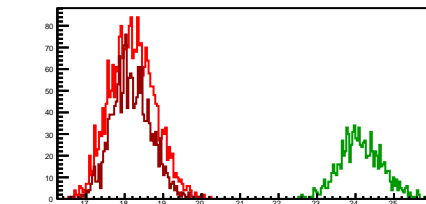
Cycle 2, Sums

Entries: 1571	Entries: 3031	Entries: 703
Mean: 17.8014 +/- 0.0122	Mean: 23.8118 +/- 0.0099	Mean: 17.5643 +/- 0.0153
Std Dev: 0.4852 +/- 0.0087	Std Dev: 0.5464 +/- 0.0070	Std Dev: 0.4057 +/- 0.0108



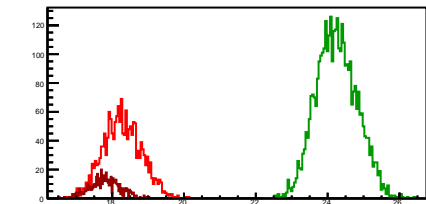
Cycle 3, Sums

Entries: 2620	Entries: 974	Entries: 1777
Mean: 18.2043 +/- 0.0112	Mean: 24.1426 +/- 0.0176	Mean: 18.1765 +/- 0.0120
Std Dev: 0.5757 +/- 0.0080	Std Dev: 0.5477 +/- 0.0124	Std Dev: 0.5048 +/- 0.0085



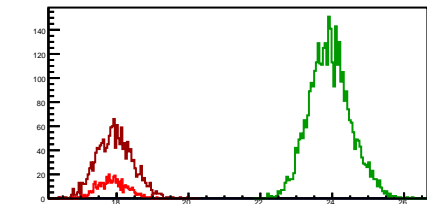
Cycle 4, Sums

Entries: 1753	Entries: 3698	Entries: 501
Mean: 18.2794 +/- 0.0126	Mean: 24.2463 +/- 0.0093	Mean: 17.7985 +/- 0.0184
Std Dev: 0.5293 +/- 0.0089	Std Dev: 0.5660 +/- 0.0066	Std Dev: 0.4125 +/- 0.0130



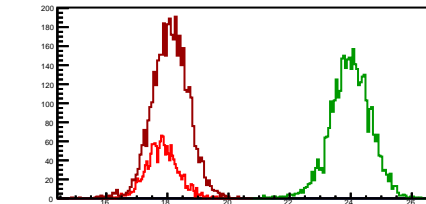
Cycle 5, Sums

Entries: 494	Entries: 3751	Entries: 1642
Mean: 17.8822 +/- 0.0191	Mean: 23.9390 +/- 0.0095	Mean: 17.9507 +/- 0.0124
Std Dev: 0.4239 +/- 0.0135	Std Dev: 0.5793 +/- 0.0067	Std Dev: 0.5028 +/- 0.0088



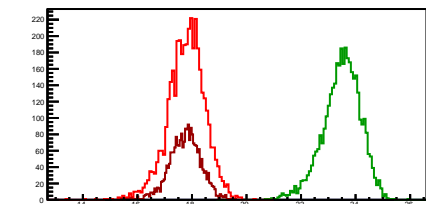
Cycle 6, Sums

Entries: 1625	Entries: 3802	Entries: 4095
Mean: 17.8343 +/- 0.0129	Mean: 23.9889 +/- 0.0107	Mean: 18.0940 +/- 0.0093
Std Dev: 0.5211 +/- 0.0091	Std Dev: 0.6599 +/- 0.0076	Std Dev: 0.5975 +/- 0.0066



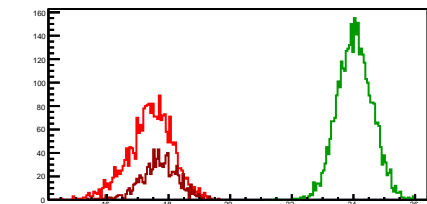
Cycle 7, Sums

Entries: 4008	Entries: 3727	Entries: 2309
Mean: 17.7882 +/- 0.0108	Mean: 23.4848 +/- 0.0114	Mean: 17.7492 +/- 0.0119
Std Dev: 0.6845 +/- 0.0076	Std Dev: 0.6939 +/- 0.0080	Std Dev: 0.5727 +/- 0.0084



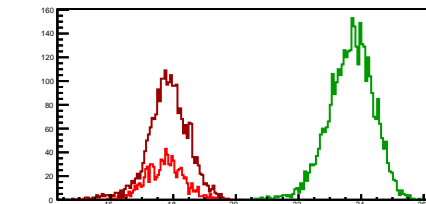
Cycle 8, Sums

Entries: 2394	Entries: 3746	Entries: 957
Mean: 17.4070 +/- 0.0148	Mean: 24.0454 +/- 0.0092	Mean: 17.7019 +/- 0.0195
Std Dev: 0.7232 +/- 0.0105	Std Dev: 0.5635 +/- 0.0065	Std Dev: 0.6045 +/- 0.0138



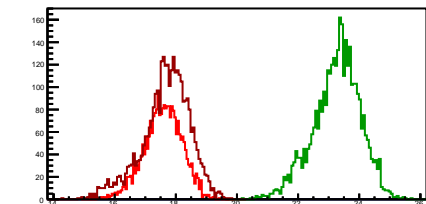
Cycle 9, Sums

Entries: 968	Entries: 3767	Entries: 2534
Mean: 17.7289 +/- 0.0191	Mean: 23.6684 +/- 0.0117	Mean: 17.8280 +/- 0.0132
Std Dev: 0.5941 +/- 0.0135	Std Dev: 0.7161 +/- 0.0083	Std Dev: 0.6649 +/- 0.0093



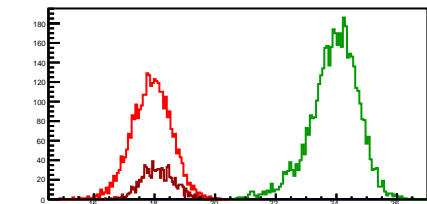
Cycle 10, Sums

Entries: 2570	Entries: 3699	Entries: 3188
Mean: 17.5750 +/- 0.0123	Mean: 23.2617 +/- 0.0128	Mean: 17.6621 +/- 0.0140
Std Dev: 0.6242 +/- 0.0087	Std Dev: 0.7759 +/- 0.0090	Std Dev: 0.7909 +/- 0.0099



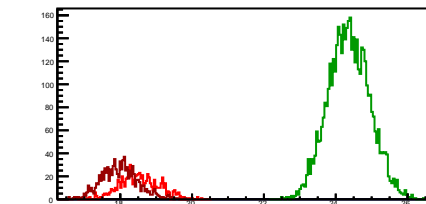
Cycle 11, Sums

Entries: 3223	Entries: 4601	Entries: 991
Mean: 17.8941 +/- 0.0115	Mean: 23.9197 +/- 0.0118	Mean: 18.1198 +/- 0.0175
Std Dev: 0.6553 +/- 0.0082	Std Dev: 0.8026 +/- 0.0084	Std Dev: 0.5505 +/- 0.0124



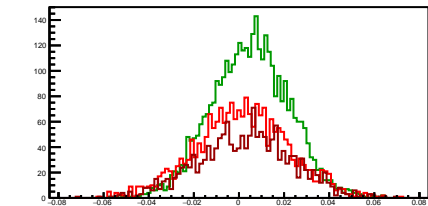
Cycle 12, Sums

Entries: 731	Entries: 4636	Entries: 932
Mean: 18.5400 +/- 0.0201	Mean: 24.3672 +/- 0.0085	Mean: 17.9978 +/- 0.0169
Std Dev: 0.5443 +/- 0.0142	Std Dev: 0.5782 +/- 0.0060	Std Dev: 0.5167 +/- 0.0120



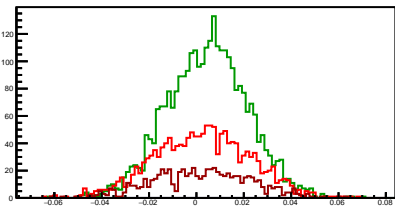
Cycle 1, Asyms

Entries: 2201	Entries: 3693	Entries: 1573
Mean: 0.0013 +/- 0.0004	Mean: 0.0049 +/- 0.0003	Mean: 0.0028 +/- 0.0005
Std Dev: 0.0206 +/- 0.0003	Std Dev: 0.0172 +/- 0.0002	Std Dev: 0.0208 +/- 0.0004



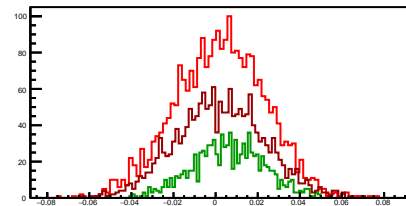
Cycle 2, Asyms

Entries: 1571	Entries: 3031	Entries: 703
Mean: 0.0023 +/- 0.0005	Mean: 0.0045 +/- 0.0003	Mean: 0.0021 +/- 0.0008
Std Dev: 0.0201 +/- 0.0004	Std Dev: 0.0170 +/- 0.0002	Std Dev: 0.0206 +/- 0.0005



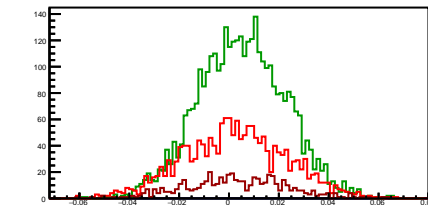
Cycle 3, Asyms

Entries: 2620	Entries: 974	Entries: 1777
Mean: 0.0021 +/- 0.0004	Mean: 0.0061 +/- 0.0005	Mean: 0.0020 +/- 0.0005
Std Dev: 0.0214 +/- 0.0003	Std Dev: 0.0170 +/- 0.0004	Std Dev: 0.0211 +/- 0.0004



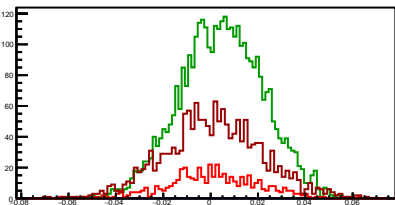
Cycle 4, Asyms

Entries: 1753	Entries: 3698	Entries: 501
Mean: 0.0024 +/- 0.0005	Mean: 0.0051 +/- 0.0003	Mean: 0.0028 +/- 0.0009
Std Dev: 0.0208 +/- 0.0004	Std Dev: 0.0175 +/- 0.0002	Std Dev: 0.0204 +/- 0.0006



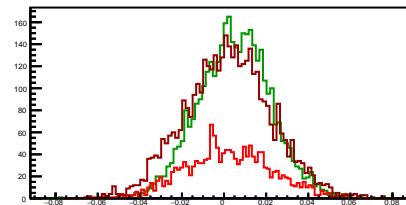
Cycle 5, Asyms

Entries: 494	Entries: 3751	Entries: 1642
Mean: 0.0008 +/- 0.0009	Mean: 0.0047 +/- 0.0003	Mean: 0.0011 +/- 0.0005
Std Dev: 0.0194 +/- 0.0006	Std Dev: 0.0175 +/- 0.0002	Std Dev: 0.0207 +/- 0.0004



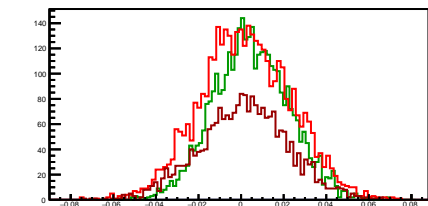
Cycle 6, Asyms

Entries: 1625	Entries: 3802	Entries: 4095
Mean: 0.0021 +/- 0.0005	Mean: 0.0050 +/- 0.0003	Mean: 0.0019 +/- 0.0003
Std Dev: 0.0206 +/- 0.0004	Std Dev: 0.0170 +/- 0.0002	Std Dev: 0.0207 +/- 0.0002



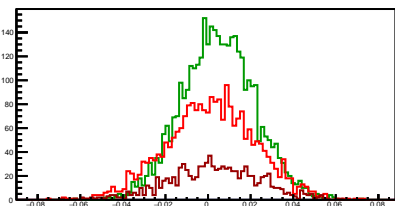
Cycle 7, Asyms

Entries: 4008	Entries: 3727	Entries: 2309
Mean: 0.0023 +/- 0.0003	Mean: 0.0048 +/- 0.0003	Mean: 0.0014 +/- 0.0004
Std Dev: 0.0214 +/- 0.0002	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0208 +/- 0.0003



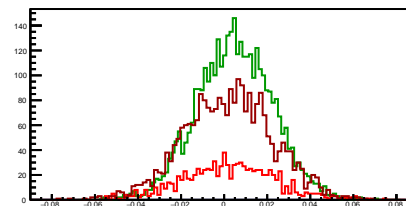
Cycle 8, Asyms

Entries: 2394	Entries: 3746	Entries: 957
Mean: 0.0014 +/- 0.0004	Mean: 0.0048 +/- 0.0003	Mean: 0.0025 +/- 0.0007
Std Dev: 0.0211 +/- 0.0003	Std Dev: 0.0171 +/- 0.0002	Std Dev: 0.0214 +/- 0.0005



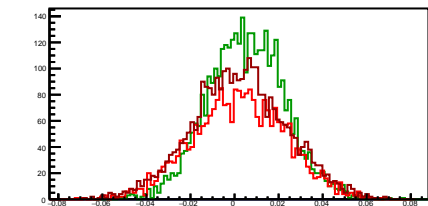
Cycle 9, Asyms

Entries: 968	Entries: 3767	Entries: 2534
Mean: 0.0021 +/- 0.0007	Mean: 0.0048 +/- 0.0003	Mean: 0.0020 +/- 0.0004
Std Dev: 0.0213 +/- 0.0005	Std Dev: 0.0175 +/- 0.0002	Std Dev: 0.0206 +/- 0.0003



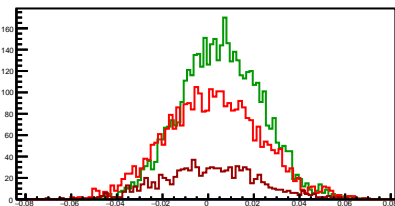
Cycle 10, Asyms

Entries: 2570	Entries: 3699	Entries: 3188
Mean: 0.0021 +/- 0.0004	Mean: 0.0053 +/- 0.0003	Mean: 0.0022 +/- 0.0004
Std Dev: 0.0210 +/- 0.0003	Std Dev: 0.0175 +/- 0.0002	Std Dev: 0.0214 +/- 0.0003



Cycle 11, Asyms

Entries: 3223	Entries: 4601	Entries: 991
Mean: 0.0020 +/- 0.0004	Mean: 0.0056 +/- 0.0003	Mean: 0.0011 +/- 0.0007
Std Dev: 0.0208 +/- 0.0003	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0210 +/- 0.0005



Cycle 12, Asyms

Entries: 731	Entries: 4636	Entries: 932
Mean: 0.0027 +/- 0.0008	Mean: 0.0063 +/- 0.0003	Mean: 0.0017 +/- 0.0007
Std Dev: 0.0211 +/- 0.0006	Std Dev: 0.0173 +/- 0.0002	Std Dev: 0.0214 +/- 0.0005

