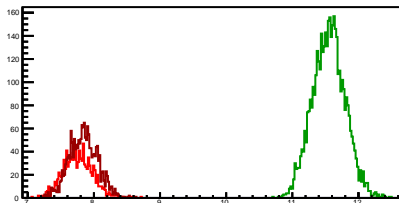


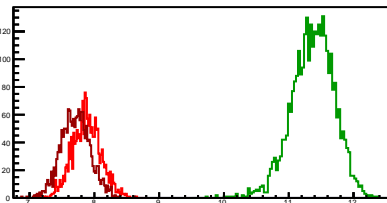
### Cycle 1, PosHel

Entries: 1082	Entries: 4293	Entries: 1800
Mean: 7.7582 +/- 0.0068	Mean: 11.5514 +/- 0.0038	Mean: 7.8419 +/- 0.0050
Std Dev: 0.2230 +/- 0.0048	Std Dev: 0.2476 +/- 0.0027	Std Dev: 0.2138 +/- 0.0036



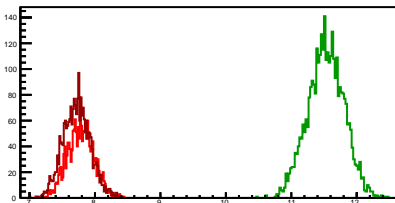
### Cycle 2, PosHel

Entries: 1791	Entries: 3219	Entries: 1711
Mean: 7.8802 +/- 0.0052	Mean: 11.3722 +/- 0.0058	Mean: 7.7105 +/- 0.0054
Std Dev: 0.2194 +/- 0.0037	Std Dev: 0.3299 +/- 0.0041	Std Dev: 0.2244 +/- 0.0038



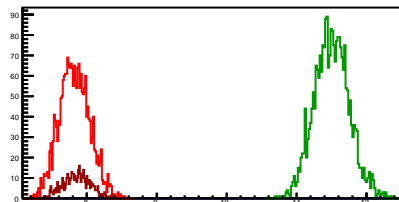
### Cycle 3, PosHel

Entries: 1774	Entries: 3495	Entries: 2250
Mean: 7.7787 +/- 0.0048	Mean: 11.5281 +/- 0.0047	Mean: 7.7204 +/- 0.0044
Std Dev: 0.2022 +/- 0.0034	Std Dev: 0.2756 +/- 0.0033	Std Dev: 0.2063 +/- 0.0031



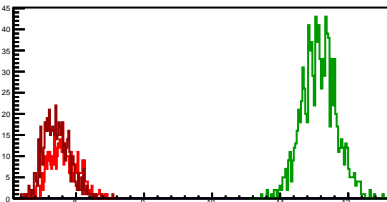
### Cycle 4, PosHel

Entries: 2245	Entries: 2580	Entries: 474
Mean: 7.8233 +/- 0.0046	Mean: 11.5036 +/- 0.0049	Mean: 7.8595 +/- 0.0089
Std Dev: 0.2171 +/- 0.0032	Std Dev: 0.2493 +/- 0.0035	Std Dev: 0.1948 +/- 0.0063



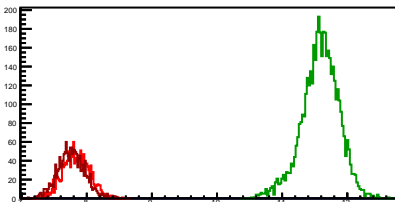
### Cycle 5, PosHel

Entries: 457	Entries: 1065	Entries: 551
Mean: 7.8121 +/- 0.0097	Mean: 11.5738 +/- 0.0077	Mean: 7.7141 +/- 0.0084
Std Dev: 0.2078 +/- 0.0069	Std Dev: 0.2515 +/- 0.0054	Std Dev: 0.1960 +/- 0.0059



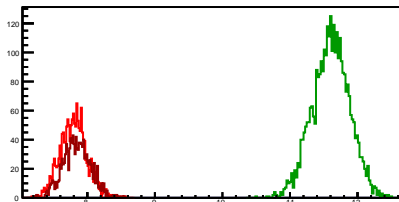
### Cycle 6, PosHel

Entries: 1572	Entries: 4615	Entries: 1571
Mean: 7.8399 +/- 0.0051	Mean: 11.5849 +/- 0.0042	Mean: 7.7626 +/- 0.0052
Std Dev: 0.2038 +/- 0.0036	Std Dev: 0.2857 +/- 0.0030	Std Dev: 0.2045 +/- 0.0036



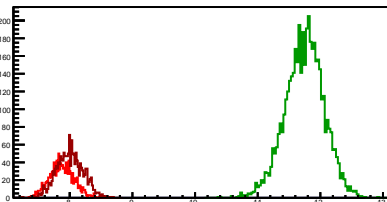
### Cycle 7, PosHel

Entries: 1579	Entries: 3273	Entries: 1215
Mean: 7.7965 +/- 0.0050	Mean: 11.6051 +/- 0.0048	Mean: 7.8437 +/- 0.0058
Std Dev: 0.1995 +/- 0.0035	Std Dev: 0.2762 +/- 0.0034	Std Dev: 0.2013 +/- 0.0041



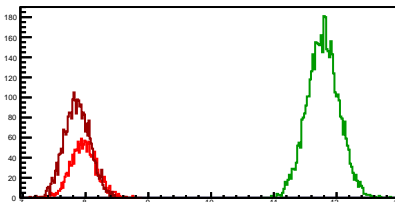
### Cycle 8, PosHel

Entries: 1249	Entries: 4602	Entries: 1591
Mean: 7.8689 +/- 0.0056	Mean: 11.7454 +/- 0.0046	Mean: 8.0003 +/- 0.0054
Std Dev: 0.1981 +/- 0.0040	Std Dev: 0.3122 +/- 0.0033	Std Dev: 0.2145 +/- 0.0038



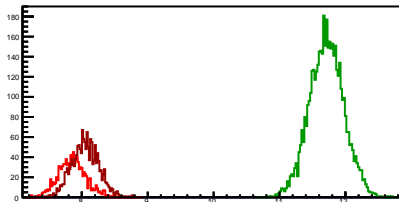
### Cycle 9, PosHel

Entries: 1591	Entries: 4673	Entries: 2714
Mean: 7.9729 +/- 0.0052	Mean: 11.7839 +/- 0.0037	Mean: 7.8649 +/- 0.0040
Std Dev: 0.2072 +/- 0.0037	Std Dev: 0.2549 +/- 0.0026	Std Dev: 0.2065 +/- 0.0028



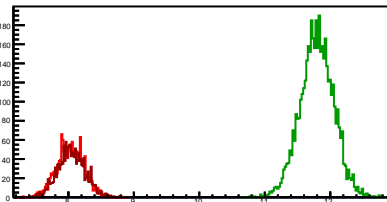
### Cycle 10, PosHel

Entries: 1066	Entries: 4693	Entries: 1575
Mean: 7.8565 +/- 0.0064	Mean: 11.7142 +/- 0.0038	Mean: 8.0527 +/- 0.0051
Std Dev: 0.2103 +/- 0.0046	Std Dev: 0.2612 +/- 0.0027	Std Dev: 0.2012 +/- 0.0036



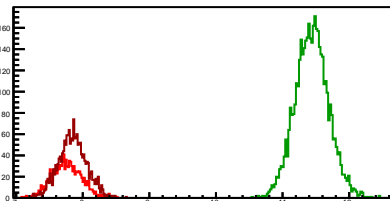
### Cycle 11, PosHel

Entries: 1579	Entries: 4587	Entries: 1571
Mean: 8.0309 +/- 0.0051	Mean: 11.7971 +/- 0.0038	Mean: 8.0474 +/- 0.0052
Std Dev: 0.2019 +/- 0.0036	Std Dev: 0.2577 +/- 0.0027	Std Dev: 0.2070 +/- 0.0037



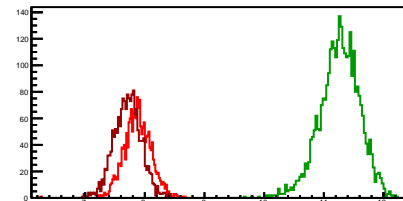
### Cycle 1, NegHel

Entries: 1082	Entries: 4293	Entries: 1800
Mean: 7.7575 +/- 0.0068	Mean: 11.4398 +/- 0.0038	Mean: 7.8485 +/- 0.0050
Std Dev: 0.2223 +/- 0.0048	Std Dev: 0.2506 +/- 0.0027	Std Dev: 0.2102 +/- 0.0035



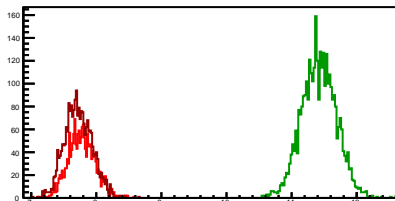
### Cycle 2, NegHel

Entries: 1791	Entries: 3219	Entries: 1711
Mean: 7.8791 +/- 0.0052	Mean: 11.2615 +/- 0.0059	Mean: 7.7092 +/- 0.0056
Std Dev: 0.2220 +/- 0.0037	Std Dev: 0.3340 +/- 0.0042	Std Dev: 0.2314 +/- 0.0040



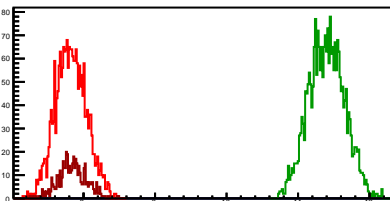
### Cycle 3, NegHel

Entries: 1774	Entries: 3495	Entries: 2250
Mean: 7.7792 +/- 0.0049	Mean: 11.4193 +/- 0.0045	Mean: 7.7238 +/- 0.0044
Std Dev: 0.2056 +/- 0.0035	Std Dev: 0.2671 +/- 0.0032	Std Dev: 0.2102 +/- 0.0031



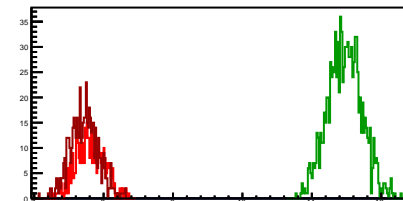
### Cycle 4, NegHel

Entries: 2245	Entries: 2580	Entries: 474
Mean: 7.8235 +/- 0.0045	Mean: 11.3988 +/- 0.0049	Mean: 7.8451 +/- 0.0090
Std Dev: 0.2151 +/- 0.0032	Std Dev: 0.2510 +/- 0.0035	Std Dev: 0.1959 +/- 0.0064



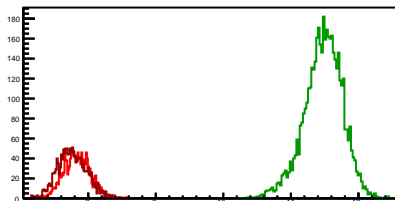
### Cycle 5, NegHel

Entries: 457	Entries: 1065	Entries: 551
Mean: 7.8049 +/- 0.0095	Mean: 11.4746 +/- 0.0075	Mean: 7.7209 +/- 0.0085
Std Dev: 0.2021 +/- 0.0067	Std Dev: 0.2463 +/- 0.0053	Std Dev: 0.2000 +/- 0.0060



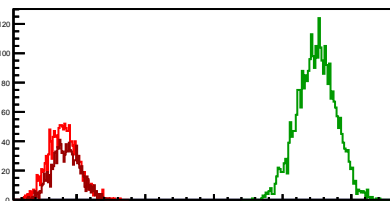
### Cycle 6, NegHel

Entries: 1572	Entries: 4615	Entries: 1571
Mean: 7.8345 +/- 0.0050	Mean: 11.4789 +/- 0.0042	Mean: 7.7660 +/- 0.0054
Std Dev: 0.1964 +/- 0.0035	Std Dev: 0.2840 +/- 0.0030	Std Dev: 0.2134 +/- 0.0038



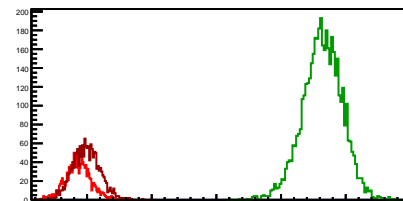
### Cycle 7, NegHel

Entries: 1579	Entries: 3273	Entries: 1215
Mean: 7.8059 +/- 0.0054	Mean: 11.4954 +/- 0.0048	Mean: 7.8504 +/- 0.0058
Std Dev: 0.2139 +/- 0.0038	Std Dev: 0.2753 +/- 0.0034	Std Dev: 0.2035 +/- 0.0041



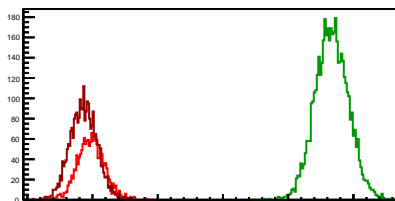
### Cycle 8, NegHel

Entries: 1249	Entries: 4602	Entries: 1591
Mean: 7.8674 +/- 0.0057	Mean: 11.6364 +/- 0.0045	Mean: 7.9884 +/- 0.0052
Std Dev: 0.2000 +/- 0.0040	Std Dev: 0.3072 +/- 0.0032	Std Dev: 0.2083 +/- 0.0037



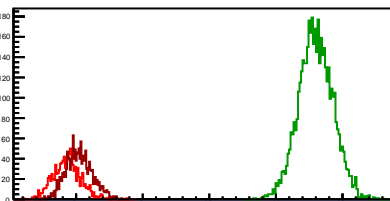
### Cycle 9, NegHel

Entries: 1591	Entries: 4673	Entries: 2714
Mean: 7.9758 +/- 0.0051	Mean: 11.6679 +/- 0.0037	Mean: 7.8643 +/- 0.0040
Std Dev: 0.2036 +/- 0.0036	Std Dev: 0.2544 +/- 0.0026	Std Dev: 0.2085 +/- 0.0028



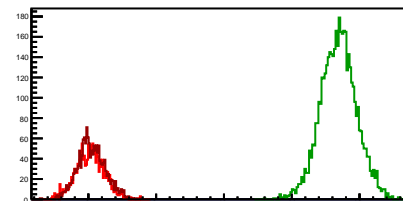
### Cycle 10, NegHel

Entries: 1066	Entries: 4693	Entries: 1575
Mean: 7.8632 +/- 0.0063	Mean: 11.5995 +/- 0.0038	Mean: 8.0465 +/- 0.0049
Std Dev: 0.2072 +/- 0.0045	Std Dev: 0.2588 +/- 0.0027	Std Dev: 0.1957 +/- 0.0035



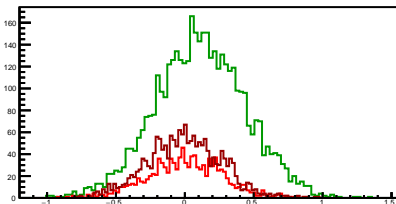
### Cycle 11, NegHel

Entries: 1579	Entries: 4587	Entries: 1571
Mean: 8.0264 +/- 0.0052	Mean: 11.6899 +/- 0.0039	Mean: 8.0483 +/- 0.0051
Std Dev: 0.2078 +/- 0.0037	Std Dev: 0.2649 +/- 0.0028	Std Dev: 0.2035 +/- 0.0036



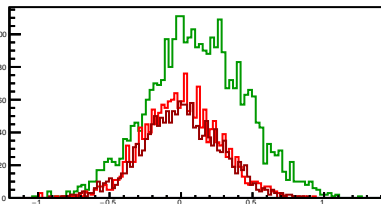
### Cycle 1, Diffs

Entries: 1082	Entries: 4293	Entries: 1800
Mean: 0.0007 +/- 0.0082	Mean: 0.1116 +/- 0.0050	Mean: -0.0066 +/- 0.0063
Std Dev: 0.2698 +/- 0.0058	Std Dev: 0.3281 +/- 0.0035	Std Dev: 0.2663 +/- 0.0044



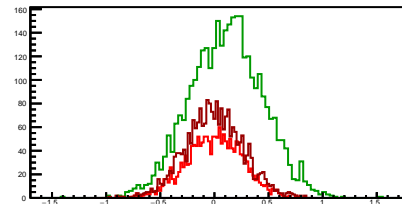
### Cycle 2, Diffs

Entries: 1791	Entries: 3219	Entries: 1711
Mean: 0.0011 +/- 0.0063	Mean: 0.1107 +/- 0.0059	Mean: 0.0013 +/- 0.0066
Std Dev: 0.2664 +/- 0.0045	Std Dev: 0.3356 +/- 0.0042	Std Dev: 0.2721 +/- 0.0047



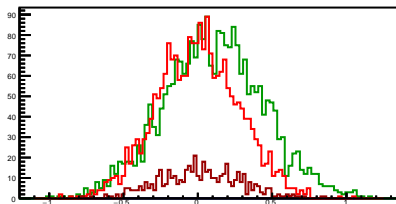
### Cycle 3, Diffs

Entries: 1774	Entries: 3495	Entries: 2250
Mean: -0.0005 +/- 0.0062	Mean: 0.1088 +/- 0.0057	Mean: -0.0034 +/- 0.0056
Std Dev: 0.2597 +/- 0.0044	Std Dev: 0.3356 +/- 0.0040	Std Dev: 0.2659 +/- 0.0040



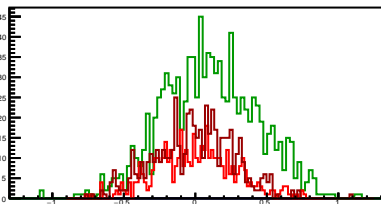
### Cycle 4, Diffs

Entries: 2245	Entries: 2580	Entries: 474
Mean: -0.0003 +/- 0.0058	Mean: 0.1048 +/- 0.0066	Mean: 0.0144 +/- 0.0125
Std Dev: 0.2747 +/- 0.0041	Std Dev: 0.3349 +/- 0.0047	Std Dev: 0.2727 +/- 0.0089



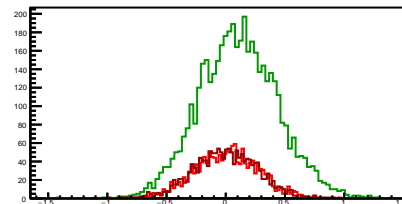
### Cycle 5, Diffs

Entries: 457	Entries: 1065	Entries: 551
Mean: 0.0073 +/- 0.0130	Mean: 0.0992 +/- 0.0103	Mean: -0.0068 +/- 0.0117
Std Dev: 0.2771 +/- 0.0092	Std Dev: 0.3346 +/- 0.0072	Std Dev: 0.2739 +/- 0.0083



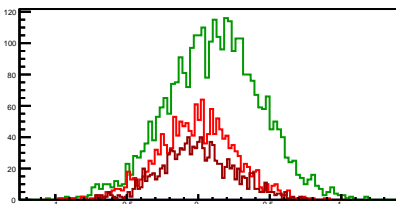
### Cycle 6, Diffs

Entries: 1572	Entries: 4615	Entries: 1571
Mean: 0.0055 +/- 0.0067	Mean: 0.1061 +/- 0.0049	Mean: -0.0033 +/- 0.0068
Std Dev: 0.2675 +/- 0.0048	Std Dev: 0.3308 +/- 0.0034	Std Dev: 0.2704 +/- 0.0048



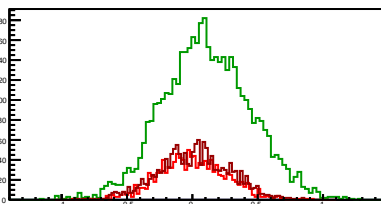
### Cycle 7, Diffs

Entries: 1579	Entries: 3273	Entries: 1215
Mean: -0.0095 +/- 0.0068	Mean: 0.1097 +/- 0.0057	Mean: -0.0067 +/- 0.0073
Std Dev: 0.2698 +/- 0.0048	Std Dev: 0.3264 +/- 0.0040	Std Dev: 0.2537 +/- 0.0051



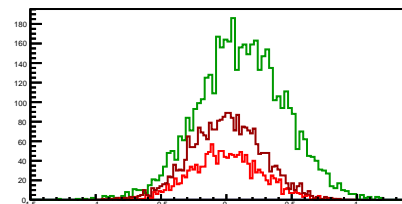
### Cycle 8, Diffs

Entries: 1249	Entries: 4602	Entries: 1591
Mean: 0.0015 +/- 0.0074	Mean: 0.1090 +/- 0.0049	Mean: 0.0119 +/- 0.0069
Std Dev: 0.2601 +/- 0.0052	Std Dev: 0.3357 +/- 0.0035	Std Dev: 0.2759 +/- 0.0049



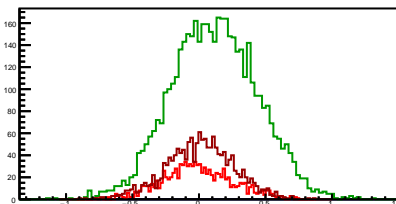
### Cycle 9, Diffs

Entries: 1591	Entries: 4673	Entries: 2714
Mean: -0.0029 +/- 0.0067	Mean: 0.1160 +/- 0.0049	Mean: 0.0005 +/- 0.0052
Std Dev: 0.2660 +/- 0.0047	Std Dev: 0.3323 +/- 0.0034	Std Dev: 0.2710 +/- 0.0037



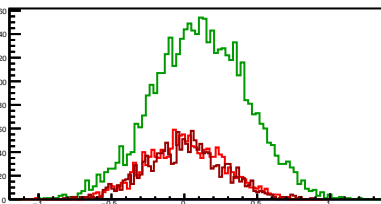
### Cycle 10, Diffs

Entries: 1066	Entries: 4693	Entries: 1575
Mean: -0.0067 +/- 0.0081	Mean: 0.1148 +/- 0.0047	Mean: 0.0062 +/- 0.0064
Std Dev: 0.2654 +/- 0.0057	Std Dev: 0.3226 +/- 0.0033	Std Dev: 0.2557 +/- 0.0046



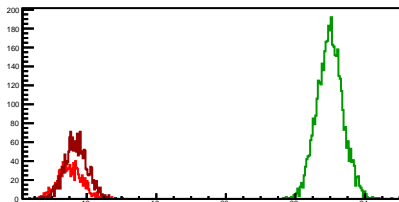
### Cycle 11, Diffs

Entries: 1579	Entries: 4587	Entries: 1571
Mean: 0.0045 +/- 0.0067	Mean: 0.1073 +/- 0.0047	Mean: -0.0009 +/- 0.0068
Std Dev: 0.2658 +/- 0.0047	Std Dev: 0.3208 +/- 0.0033	Std Dev: 0.2684 +/- 0.0048



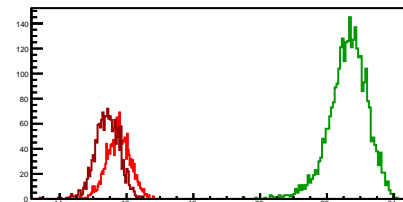
## Cycle 1, Sums

Entries: 1082	Entries: 4293	Entries: 1800
Mean: 15.5156 +/- 0.0108	Mean: 22.9912 +/- 0.0057	Mean: 15.6904 +/- 0.0078
Std Dev: 0.3543 +/- 0.0076	Std Dev: 0.3749 +/- 0.0040	Std Dev: 0.3299 +/- 0.0055



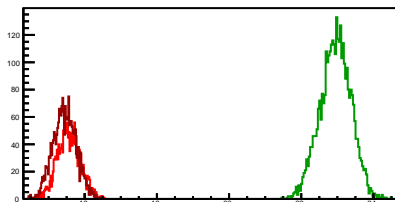
## Cycle 2, Sums

Entries: 1791	Entries: 3219	Entries: 1711
Mean: 15.7593 +/- 0.0083	Mean: 22.6337 +/- 0.0101	Mean: 15.4196 +/- 0.0088
Std Dev: 0.3520 +/- 0.0059	Std Dev: 0.5729 +/- 0.0071	Std Dev: 0.3657 +/- 0.0063



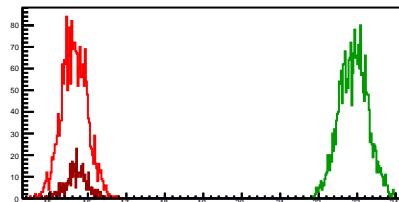
## Cycle 3, Sums

Entries: 1774	Entries: 3495	Entries: 2250
Mean: 15.5580 +/- 0.0075	Mean: 22.9474 +/- 0.0072	Mean: 15.4442 +/- 0.0068
Std Dev: 0.3146 +/- 0.0053	Std Dev: 0.4267 +/- 0.0051	Std Dev: 0.3206 +/- 0.0048



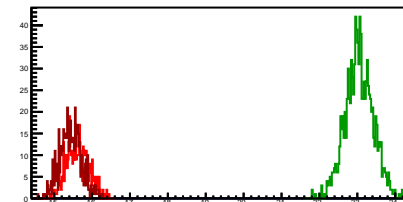
## Cycle 4, Sums

Entries: 2245	Entries: 2580	Entries: 474
Mean: 15.6468 +/- 0.0070	Mean: 22.9024 +/- 0.0073	Mean: 15.7046 +/- 0.0129
Std Dev: 0.3338 +/- 0.0050	Std Dev: 0.3717 +/- 0.0052	Std Dev: 0.2798 +/- 0.0091



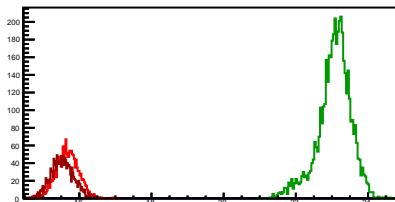
## Cycle 5, Sums

Entries: 457	Entries: 1065	Entries: 551
Mean: 15.6170 +/- 0.0141	Mean: 23.0484 +/- 0.0113	Mean: 15.4350 +/- 0.0122
Std Dev: 0.3021 +/- 0.0100	Std Dev: 0.3685 +/- 0.0080	Std Dev: 0.2861 +/- 0.0086



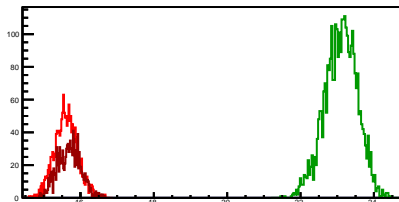
## Cycle 6, Sums

Entries: 1572	Entries: 4615	Entries: 1571
Mean: 15.6744 +/- 0.0075	Mean: 23.0638 +/- 0.0068	Mean: 15.5286 +/- 0.0080
Std Dev: 0.2978 +/- 0.0053	Std Dev: 0.4638 +/- 0.0048	Std Dev: 0.3188 +/- 0.0057



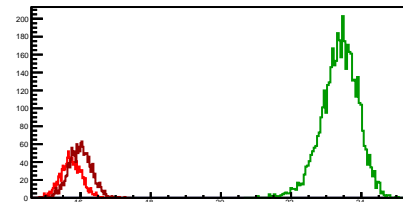
## Cycle 7, Sums

Entries: 1579	Entries: 3273	Entries: 1215
Mean: 15.6024 +/- 0.0079	Mean: 23.1005 +/- 0.0078	Mean: 15.6941 +/- 0.0091
Std Dev: 0.3135 +/- 0.0056	Std Dev: 0.4445 +/- 0.0055	Std Dev: 0.3155 +/- 0.0064



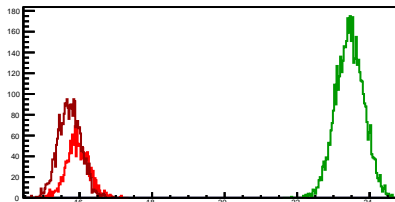
## Cycle 8, Sums

Entries: 1249	Entries: 4602	Entries: 1591
Mean: 15.7362 +/- 0.0085	Mean: 23.3819 +/- 0.0077	Mean: 15.9887 +/- 0.0080
Std Dev: 0.3013 +/- 0.0060	Std Dev: 0.5206 +/- 0.0054	Std Dev: 0.3204 +/- 0.0057



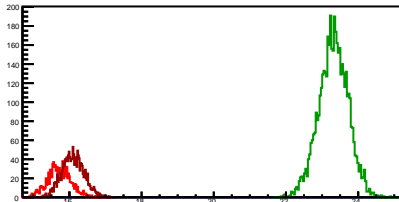
## Cycle 9, Sums

Entries: 1591	Entries: 4673	Entries: 2714
Mean: 15.9487 +/- 0.0079	Mean: 23.4519 +/- 0.0056	Mean: 15.7292 +/- 0.0060
Std Dev: 0.3131 +/- 0.0056	Std Dev: 0.3859 +/- 0.0040	Std Dev: 0.3143 +/- 0.0043



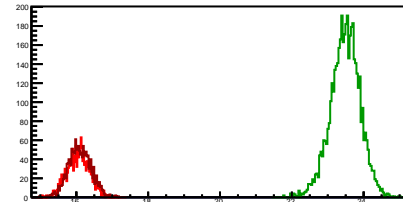
## Cycle 10, Sums

Entries: 1066	Entries: 4693	Entries: 1575
Mean: 15.7197 +/- 0.0099	Mean: 23.3137 +/- 0.0060	Mean: 16.0992 +/- 0.0076
Std Dev: 0.3223 +/- 0.0070	Std Dev: 0.4077 +/- 0.0042	Std Dev: 0.3036 +/- 0.0054



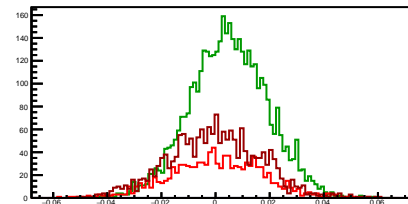
## Cycle 11, Sums

Entries: 1579	Entries: 4587	Entries: 1571
Mean: 16.0573 +/- 0.0078	Mean: 23.4870 +/- 0.0061	Mean: 16.0957 +/- 0.0078
Std Dev: 0.3118 +/- 0.0055	Std Dev: 0.4126 +/- 0.0043	Std Dev: 0.3106 +/- 0.0055



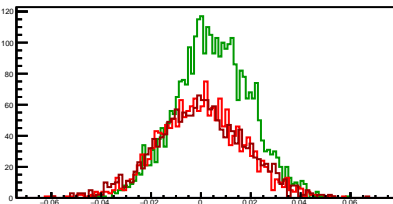
## Cycle 1, Asyms

Entries: 1082	Entries: 4293	Entries: 1800
Mean: 0.0000 +/- 0.0005	Mean: 0.0049 +/- 0.0002	Mean: -0.0004 +/- 0.0004
Std Dev: 0.0173 +/- 0.0004	Std Dev: 0.0143 +/- 0.0002	Std Dev: 0.0170 +/- 0.0003



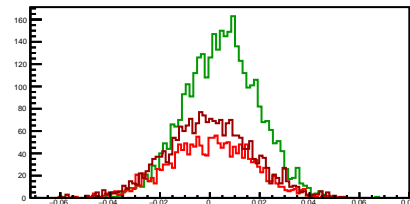
## Cycle 2, Asyms

Entries: 1791	Entries: 3219	Entries: 1711
Mean: 0.0001 +/- 0.0004	Mean: 0.0049 +/- 0.0003	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0169 +/- 0.0003	Std Dev: 0.0148 +/- 0.0002	Std Dev: 0.0176 +/- 0.0003



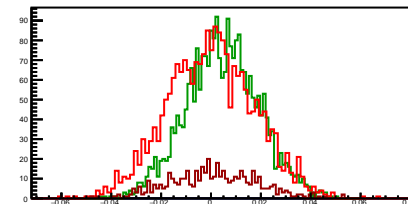
## Cycle 3, Asyms

Entries: 1774	Entries: 3495	Entries: 2250
Mean: -0.0000 +/- 0.0004	Mean: 0.0047 +/- 0.0002	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0167 +/- 0.0003	Std Dev: 0.0146 +/- 0.0002	Std Dev: 0.0172 +/- 0.0003



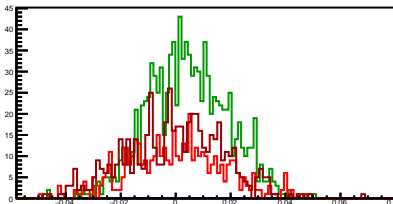
## Cycle 4, Asyms

Entries: 2245	Entries: 2580	Entries: 474
Mean: -0.0000 +/- 0.0004	Mean: 0.0046 +/- 0.0003	Mean: 0.0009 +/- 0.0008
Std Dev: 0.0175 +/- 0.0003	Std Dev: 0.0146 +/- 0.0002	Std Dev: 0.0173 +/- 0.0006



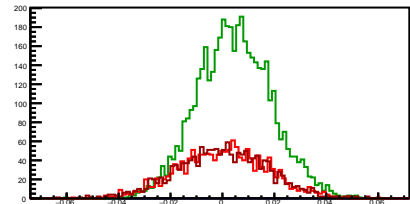
## Cycle 5, Asyms

Entries: 457	Entries: 1065	Entries: 551
Mean: 0.0005 +/- 0.0008	Mean: 0.0043 +/- 0.0004	Mean: -0.0004 +/- 0.0008
Std Dev: 0.0177 +/- 0.0006	Std Dev: 0.0145 +/- 0.0003	Std Dev: 0.0177 +/- 0.0005



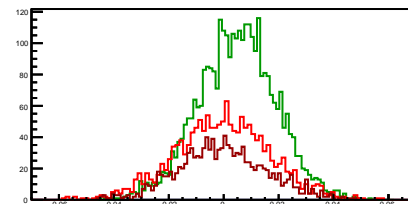
## Cycle 6, Asyms

Entries: 1572	Entries: 4615	Entries: 1571
Mean: 0.0003 +/- 0.0004	Mean: 0.0046 +/- 0.0002	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0170 +/- 0.0003	Std Dev: 0.0143 +/- 0.0001	Std Dev: 0.0174 +/- 0.0003



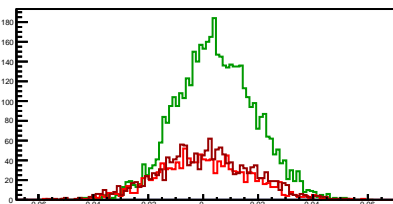
## Cycle 7, Asyms

Entries: 1579	Entries: 3273	Entries: 1215
Mean: -0.0006 +/- 0.0004	Mean: 0.0047 +/- 0.0002	Mean: -0.0004 +/- 0.0005
Std Dev: 0.0173 +/- 0.0003	Std Dev: 0.0141 +/- 0.0002	Std Dev: 0.0162 +/- 0.0003



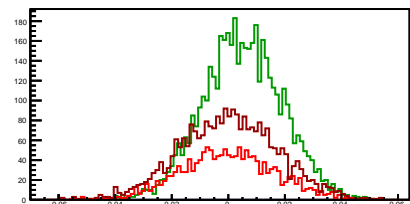
## Cycle 8, Asyms

Entries: 1249	Entries: 4602	Entries: 1591
Mean: 0.0001 +/- 0.0005	Mean: 0.0047 +/- 0.0002	Mean: 0.0007 +/- 0.0004
Std Dev: 0.0165 +/- 0.0003	Std Dev: 0.0143 +/- 0.0001	Std Dev: 0.0172 +/- 0.0003



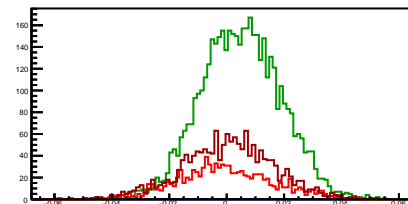
## Cycle 9, Asyms

Entries: 1591	Entries: 4673	Entries: 2714
Mean: -0.0002 +/- 0.0004	Mean: 0.0049 +/- 0.0002	Mean: 0.0000 +/- 0.0003
Std Dev: 0.0167 +/- 0.0003	Std Dev: 0.0142 +/- 0.0001	Std Dev: 0.0172 +/- 0.0002



## Cycle 10, Asyms

Entries: 1066	Entries: 4693	Entries: 1575
Mean: -0.0004 +/- 0.0005	Mean: 0.0049 +/- 0.0002	Mean: 0.0004 +/- 0.0004
Std Dev: 0.0168 +/- 0.0004	Std Dev: 0.0138 +/- 0.0001	Std Dev: 0.0159 +/- 0.0003



## Cycle 11, Asyms

Entries: 1579	Entries: 4587	Entries: 1571
Mean: 0.0003 +/- 0.0004	Mean: 0.0046 +/- 0.0002	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0166 +/- 0.0003	Std Dev: 0.0136 +/- 0.0001	Std Dev: 0.0167 +/- 0.0003

