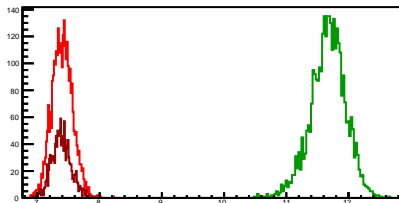


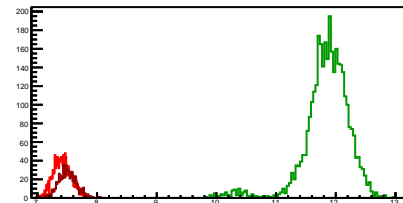
Cycle 1, PosHel

Entries: 3137	Entries: 3320	Entries: 1466
Mean: 7.3978 +/- 0.0029	Mean: 11.6711 +/- 0.0049	Mean: 7.3853 +/- 0.0040
Std Dev: 0.1646 +/- 0.0021	Std Dev: 0.2835 +/- 0.0035	Std Dev: 0.1545 +/- 0.0029



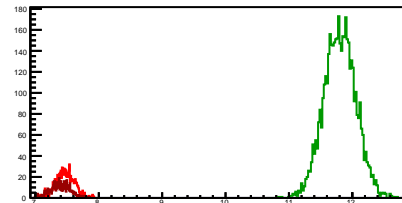
Cycle 2, PosHel

Entries: 1480	Entries: 3422	Entries: 870
Mean: 7.4197 +/- 0.0039	Mean: 11.8477 +/- 0.0067	Mean: 7.4993 +/- 0.0050
Std Dev: 0.1502 +/- 0.0028	Std Dev: 0.3913 +/- 0.0047	Std Dev: 0.1482 +/- 0.0036



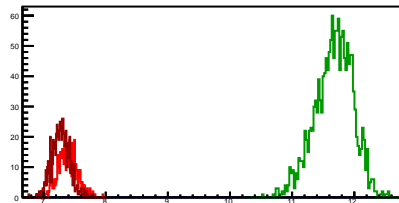
Cycle 3, PosHel

Entries: 877	Entries: 4544	Entries: 491
Mean: 7.4709 +/- 0.0050	Mean: 11.8031 +/- 0.0037	Mean: 7.3925 +/- 0.0069
Std Dev: 0.1476 +/- 0.0035	Std Dev: 0.2526 +/- 0.0026	Std Dev: 0.1523 +/- 0.0049



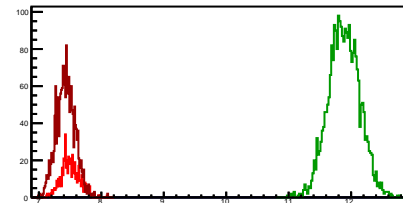
Cycle 4, PosHel

Entries: 492	Entries: 1625	Entries: 652
Mean: 7.3822 +/- 0.0070	Mean: 11.6701 +/- 0.0075	Mean: 7.2750 +/- 0.0055
Std Dev: 0.1563 +/- 0.0050	Std Dev: 0.3039 +/- 0.0053	Std Dev: 0.1406 +/- 0.0039



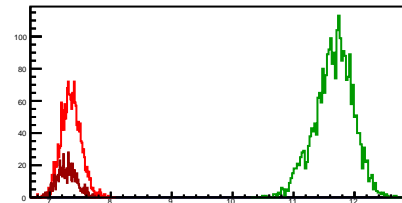
Cycle 5, PosHel

Entries: 577	Entries: 2734	Entries: 1850
Mean: 7.5061 +/- 0.0064	Mean: 11.8863 +/- 0.0048	Mean: 7.4301 +/- 0.0035
Std Dev: 0.1537 +/- 0.0045	Std Dev: 0.2502 +/- 0.0034	Std Dev: 0.1508 +/- 0.0025



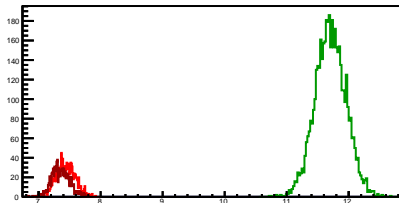
Cycle 6, PosHel

Entries: 1841	Entries: 2764	Entries: 745
Mean: 7.3499 +/- 0.0038	Mean: 11.6629 +/- 0.0059	Mean: 7.2779 +/- 0.0058
Std Dev: 0.1616 +/- 0.0027	Std Dev: 0.3124 +/- 0.0042	Std Dev: 0.1579 +/- 0.0041



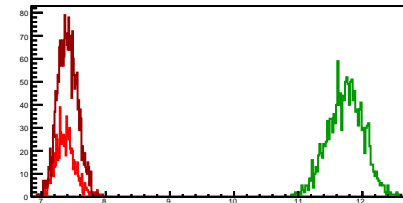
Cycle 7, PosHel

Entries: 1220	Entries: 4674	Entries: 914
Mean: 7.4348 +/- 0.0043	Mean: 11.7057 +/- 0.0036	Mean: 7.3542 +/- 0.0048
Std Dev: 0.1518 +/- 0.0031	Std Dev: 0.2491 +/- 0.0026	Std Dev: 0.1455 +/- 0.0034



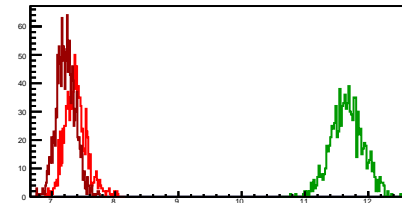
Cycle 8, PosHel

Entries: 890	Entries: 1639	Entries: 2333
Mean: 7.3703 +/- 0.0051	Mean: 11.7414 +/- 0.0068	Mean: 7.4046 +/- 0.0032
Std Dev: 0.1526 +/- 0.0036	Std Dev: 0.2764 +/- 0.0048	Std Dev: 0.1530 +/- 0.0022



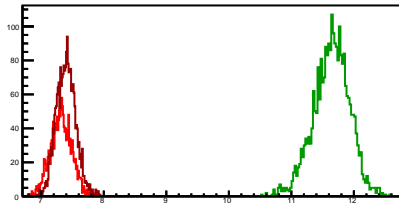
Cycle 9, PosHel

Entries: 1148	Entries: 1006	Entries: 1650
Mean: 7.3781 +/- 0.0051	Mean: 11.6663 +/- 0.0079	Mean: 7.2257 +/- 0.0037
Std Dev: 0.1741 +/- 0.0036	Std Dev: 0.2503 +/- 0.0056	Std Dev: 0.1504 +/- 0.0026



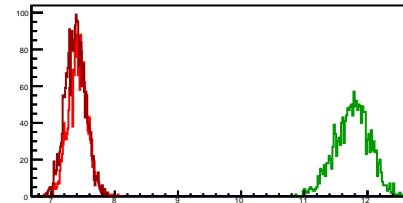
Cycle 10, PosHel

Entries: 1651	Entries: 2639	Entries: 2319
Mean: 7.3161 +/- 0.0042	Mean: 11.6388 +/- 0.0056	Mean: 7.3944 +/- 0.0032
Std Dev: 0.1709 +/- 0.0030	Std Dev: 0.2896 +/- 0.0040	Std Dev: 0.1541 +/- 0.0023



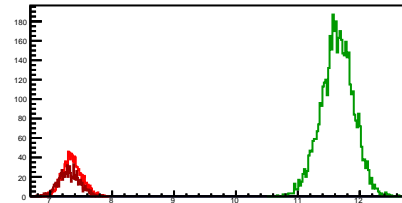
Cycle 11, PosHel

Entries: 2286	Entries: 1725	Entries: 2794
Mean: 7.4141 +/- 0.0031	Mean: 11.7602 +/- 0.0066	Mean: 7.3760 +/- 0.0030
Std Dev: 0.1493 +/- 0.0022	Std Dev: 0.2746 +/- 0.0047	Std Dev: 0.1604 +/- 0.0021



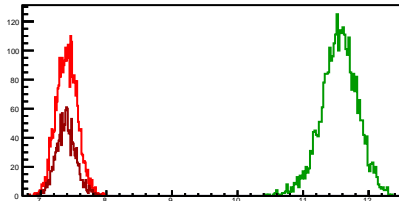
Cycle 12, PosHel

Entries: 1339	Entries: 4673	Entries: 850
Mean: 7.3528 +/- 0.0043	Mean: 11.6354 +/- 0.0038	Mean: 7.3061 +/- 0.0057
Std Dev: 0.1578 +/- 0.0030	Std Dev: 0.2607 +/- 0.0027	Std Dev: 0.1669 +/- 0.0040



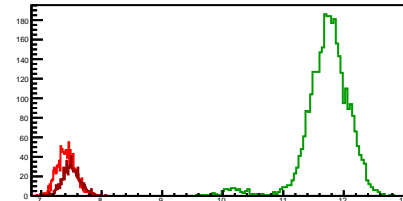
Cycle 1, NegHel

Entries: 3137	Entries: 3320	Entries: 1466
Mean: 7.3973 +/- 0.0029	Mean: 11.5497 +/- 0.0048	Mean: 7.3834 +/- 0.0039
Std Dev: 0.1618 +/- 0.0020	Std Dev: 0.2790 +/- 0.0034	Std Dev: 0.1508 +/- 0.0028



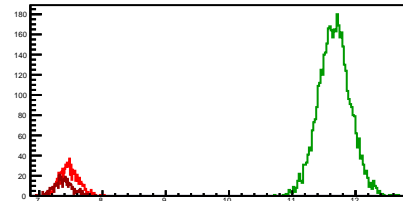
Cycle 2, NegHel

Entries: 1480	Entries: 3422	Entries: 870
Mean: 7.4148 +/- 0.0040	Mean: 11.7233 +/- 0.0067	Mean: 7.5016 +/- 0.0050
Std Dev: 0.1538 +/- 0.0028	Std Dev: 0.3902 +/- 0.0047	Std Dev: 0.1488 +/- 0.0036



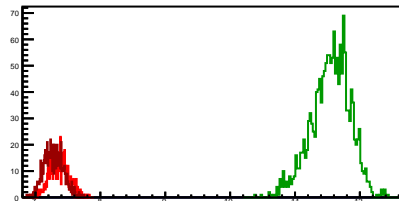
Cycle 3, NegHel

Entries: 877	Entries: 4544	Entries: 491
Mean: 7.4712 +/- 0.0051	Mean: 11.6662 +/- 0.0037	Mean: 7.3835 +/- 0.0066
Std Dev: 0.1500 +/- 0.0036	Std Dev: 0.2504 +/- 0.0026	Std Dev: 0.1457 +/- 0.0046



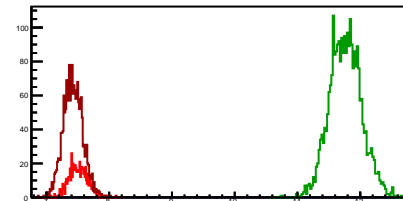
Cycle 4, NegHel

Entries: 492	Entries: 1625	Entries: 652
Mean: 7.3665 +/- 0.0070	Mean: 11.5481 +/- 0.0074	Mean: 7.2768 +/- 0.0058
Std Dev: 0.1549 +/- 0.0049	Std Dev: 0.2993 +/- 0.0053	Std Dev: 0.1482 +/- 0.0041



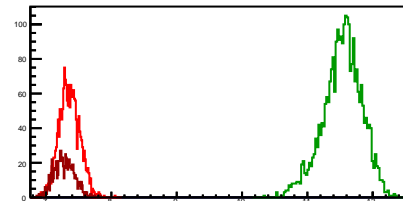
Cycle 5, NegHel

Entries: 577	Entries: 2734	Entries: 1850
Mean: 7.5067 +/- 0.0062	Mean: 11.7662 +/- 0.0048	Mean: 7.4229 +/- 0.0036
Std Dev: 0.1488 +/- 0.0044	Std Dev: 0.2533 +/- 0.0034	Std Dev: 0.1538 +/- 0.0025



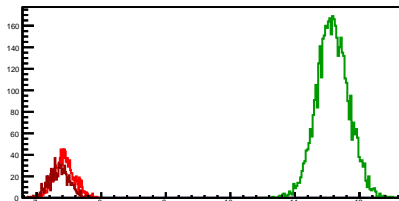
Cycle 6, NegHel

Entries: 1841	Entries: 2764	Entries: 745
Mean: 7.3568 +/- 0.0037	Mean: 11.5321 +/- 0.0057	Mean: 7.2824 +/- 0.0057
Std Dev: 0.1579 +/- 0.0026	Std Dev: 0.2977 +/- 0.0040	Std Dev: 0.1554 +/- 0.0040



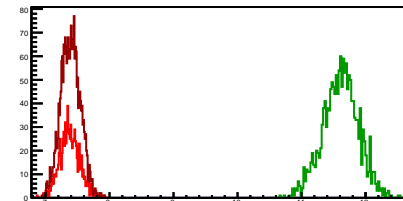
Cycle 7, NegHel

Entries: 1220	Entries: 4674	Entries: 914
Mean: 7.4322 +/- 0.0044	Mean: 11.5848 +/- 0.0036	Mean: 7.3533 +/- 0.0051
Std Dev: 0.1525 +/- 0.0031	Std Dev: 0.2482 +/- 0.0026	Std Dev: 0.1552 +/- 0.0036



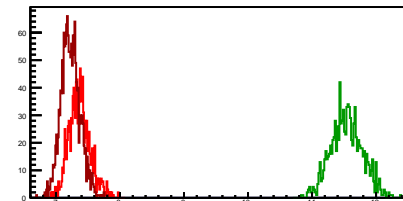
Cycle 8, NegHel

Entries: 890	Entries: 1639	Entries: 2333
Mean: 7.3793 +/- 0.0051	Mean: 11.6095 +/- 0.0069	Mean: 7.3918 +/- 0.0031
Std Dev: 0.1534 +/- 0.0036	Std Dev: 0.2778 +/- 0.0049	Std Dev: 0.1519 +/- 0.0022



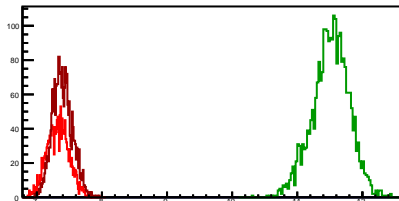
Cycle 9, NegHel

Entries: 1148	Entries: 1006	Entries: 1650
Mean: 7.3667 +/- 0.0049	Mean: 11.5426 +/- 0.0079	Mean: 7.2265 +/- 0.0036
Std Dev: 0.1655 +/- 0.0035	Std Dev: 0.2491 +/- 0.0056	Std Dev: 0.1477 +/- 0.0026



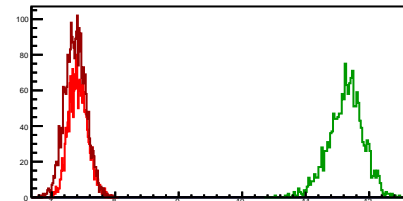
Cycle 10, NegHel

Entries: 1651	Entries: 2639	Entries: 2319
Mean: 7.3247 +/- 0.0041	Mean: 11.5140 +/- 0.0055	Mean: 7.3926 +/- 0.0032
Std Dev: 0.1679 +/- 0.0029	Std Dev: 0.2834 +/- 0.0039	Std Dev: 0.1519 +/- 0.0022



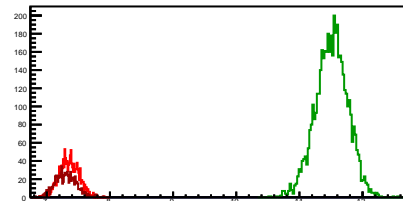
Cycle 11, NegHel

Entries: 2286	Entries: 1725	Entries: 2794
Mean: 7.4171 +/- 0.0031	Mean: 11.6345 +/- 0.0065	Mean: 7.3747 +/- 0.0031
Std Dev: 0.1477 +/- 0.0022	Std Dev: 0.2707 +/- 0.0046	Std Dev: 0.1660 +/- 0.0022



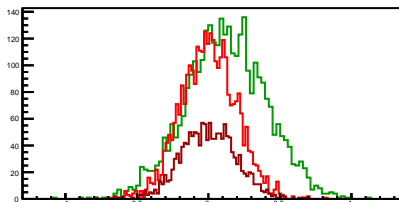
Cycle 12, NegHel

Entries: 1339	Entries: 4673	Entries: 850
Mean: 7.3521 +/- 0.0042	Mean: 11.5086 +/- 0.0037	Mean: 7.2984 +/- 0.0056
Std Dev: 0.1555 +/- 0.0030	Std Dev: 0.2553 +/- 0.0026	Std Dev: 0.1633 +/- 0.0040



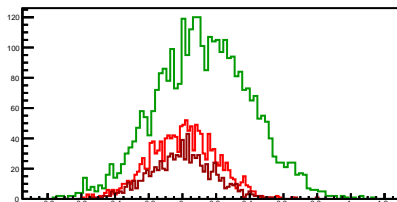
Cycle 1, Diffs

Entries: 3137	Entries: 3320	Entries: 1466
Mean: 0.0006 +/- 0.0034	Mean: 0.1214 +/- 0.0049	Mean: 0.0019 +/- 0.0050
Std Dev: 0.1930 +/- 0.0024	Std Dev: 0.2798 +/- 0.0034	Std Dev: 0.1896 +/- 0.0035



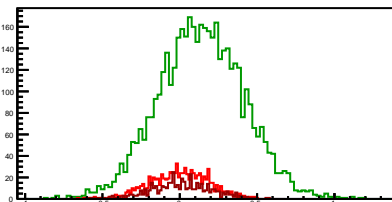
Cycle 2, Diffs

Entries: 1480	Entries: 3422	Entries: 870
Mean: 0.0050 +/- 0.0051	Mean: 0.1244 +/- 0.0048	Mean: -0.0023 +/- 0.0065
Std Dev: 0.1948 +/- 0.0036	Std Dev: 0.2815 +/- 0.0034	Std Dev: 0.1914 +/- 0.0046



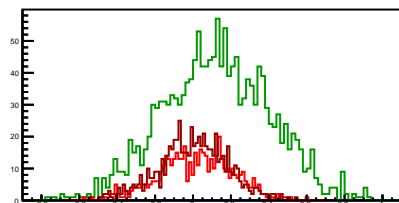
Cycle 3, Diffs

Entries: 877	Entries: 4544	Entries: 491
Mean: -0.0003 +/- 0.0064	Mean: 0.1369 +/- 0.0041	Mean: 0.0090 +/- 0.0089
Std Dev: 0.1890 +/- 0.0045	Std Dev: 0.2765 +/- 0.0029	Std Dev: 0.1977 +/- 0.0063



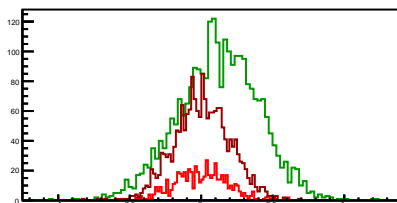
Cycle 4, Diffs

Entries: 492	Entries: 1625	Entries: 652
Mean: 0.0157 +/- 0.0088	Mean: 0.1219 +/- 0.0070	Mean: -0.0018 +/- 0.0071
Std Dev: 0.1960 +/- 0.0062	Std Dev: 0.2825 +/- 0.0050	Std Dev: 0.1825 +/- 0.0051



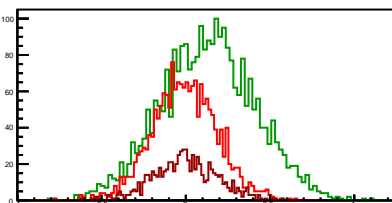
Cycle 5, Diffs

Entries: 577	Entries: 2734	Entries: 1850
Mean: -0.0006 +/- 0.0078	Mean: 0.1202 +/- 0.0054	Mean: 0.0072 +/- 0.0046
Std Dev: 0.1869 +/- 0.0055	Std Dev: 0.2830 +/- 0.0038	Std Dev: 0.1962 +/- 0.0032



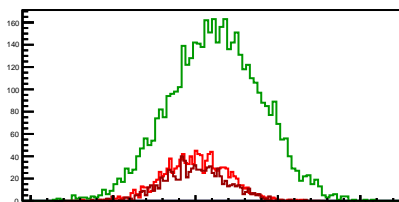
Cycle 6, Diffs

Entries: 1841	Entries: 2764	Entries: 745
Mean: -0.0069 +/- 0.0045	Mean: 0.1308 +/- 0.0053	Mean: -0.0045 +/- 0.0070
Std Dev: 0.1933 +/- 0.0032	Std Dev: 0.2780 +/- 0.0037	Std Dev: 0.1905 +/- 0.0049



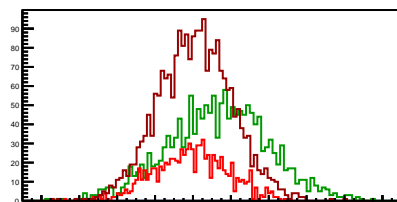
Cycle 7, Diffs

Entries: 1220	Entries: 4674	Entries: 914
Mean: 0.0027 +/- 0.0055	Mean: 0.1209 +/- 0.0040	Mean: 0.0009 +/- 0.0063
Std Dev: 0.1915 +/- 0.0039	Std Dev: 0.2762 +/- 0.0029	Std Dev: 0.1916 +/- 0.0045



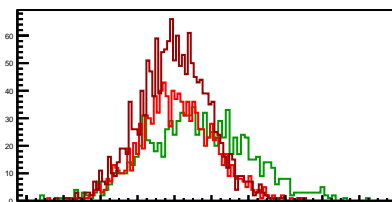
Cycle 8, Diffs

Entries: 890	Entries: 1639	Entries: 2333
Mean: -0.0090 +/- 0.0065	Mean: 0.1318 +/- 0.0066	Mean: 0.0128 +/- 0.0041
Std Dev: 0.1934 +/- 0.0046	Std Dev: 0.2672 +/- 0.0047	Std Dev: 0.1956 +/- 0.0029



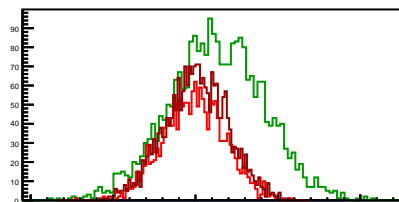
Cycle 9, Diffs

Entries: 1148	Entries: 1006	Entries: 1650
Mean: 0.0114 +/- 0.0059	Mean: 0.1237 +/- 0.0087	Mean: -0.0007 +/- 0.0047
Std Dev: 0.1997 +/- 0.0042	Std Dev: 0.2775 +/- 0.0062	Std Dev: 0.1897 +/- 0.0033



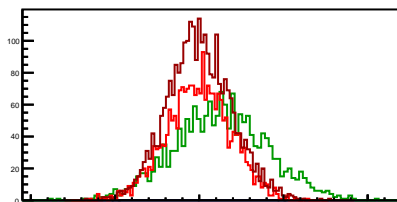
Cycle 10, Diffs

Entries: 1651	Entries: 2639	Entries: 2319
Mean: -0.0085 +/- 0.0045	Mean: 0.1248 +/- 0.0056	Mean: 0.0018 +/- 0.0039
Std Dev: 0.1849 +/- 0.0032	Std Dev: 0.2860 +/- 0.0039	Std Dev: 0.1900 +/- 0.0028



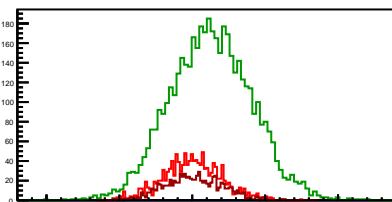
Cycle 11, Diffs

Entries: 2286	Entries: 1725	Entries: 2794
Mean: -0.0030 +/- 0.0040	Mean: 0.1256 +/- 0.0067	Mean: 0.0012 +/- 0.0036
Std Dev: 0.1904 +/- 0.0028	Std Dev: 0.2766 +/- 0.0047	Std Dev: 0.1902 +/- 0.0025



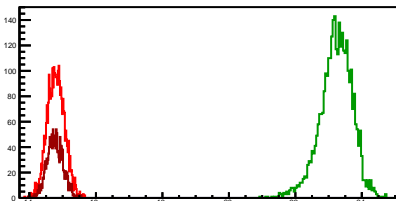
Cycle 12, Diffs

Entries: 1339	Entries: 4673	Entries: 850
Mean: 0.0007 +/- 0.0054	Mean: 0.1268 +/- 0.0041	Mean: 0.0077 +/- 0.0068
Std Dev: 0.1986 +/- 0.0038	Std Dev: 0.2805 +/- 0.0029	Std Dev: 0.1974 +/- 0.0048



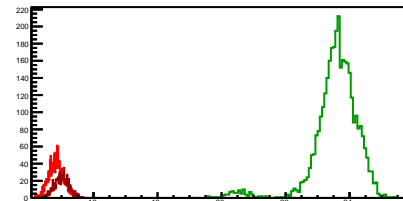
Cycle 1, Sums

Entries: 3137	Entries: 3320	Entries: 1466
Mean: 14.7951 +/- 0.0047	Mean: 23.2207 +/- 0.0085	Mean: 14.7688 +/- 0.0062
Std Dev: 0.2633 +/- 0.0033	Std Dev: 0.4880 +/- 0.0060	Std Dev: 0.2393 +/- 0.0044



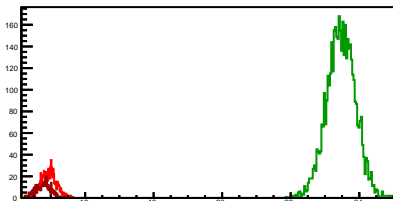
Cycle 2, Sums

Entries: 1480	Entries: 3422	Entries: 870
Mean: 14.8345 +/- 0.0061	Mean: 23.5710 +/- 0.0125	Mean: 15.0009 +/- 0.0077
Std Dev: 0.2334 +/- 0.0043	Std Dev: 0.7291 +/- 0.0088	Std Dev: 0.2271 +/- 0.0054



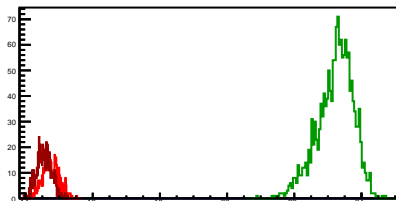
Cycle 3, Sums

Entries: 877	Entries: 4544	Entries: 491
Mean: 14.9422 +/- 0.0078	Mean: 23.4693 +/- 0.0062	Mean: 14.7760 +/- 0.0101
Std Dev: 0.2299 +/- 0.0055	Std Dev: 0.4202 +/- 0.0044	Std Dev: 0.2230 +/- 0.0071



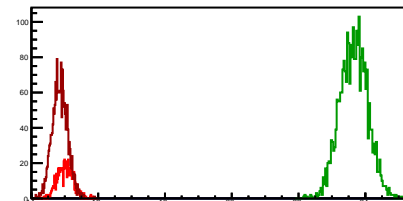
Cycle 4, Sums

Entries: 492	Entries: 1625	Entries: 652
Mean: 14.7488 +/- 0.0109	Mean: 23.2182 +/- 0.0132	Mean: 14.5517 +/- 0.0088
Std Dev: 0.2418 +/- 0.0077	Std Dev: 0.5330 +/- 0.0093	Std Dev: 0.2240 +/- 0.0062



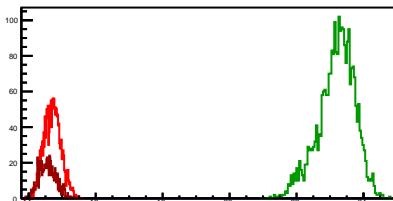
Cycle 5, Sums

Entries: 577	Entries: 2734	Entries: 1850
Mean: 15.0127 +/- 0.0099	Mean: 23.6525 +/- 0.0080	Mean: 14.8530 +/- 0.0054
Std Dev: 0.2379 +/- 0.0070	Std Dev: 0.4165 +/- 0.0056	Std Dev: 0.2331 +/- 0.0038



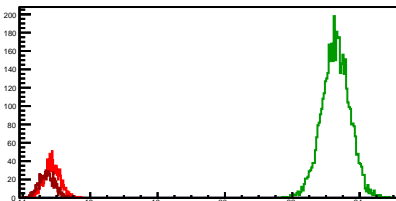
Cycle 6, Sums

Entries: 1841	Entries: 2764	Entries: 745
Mean: 14.7067 +/- 0.0059	Mean: 23.1950 +/- 0.0103	Mean: 14.5603 +/- 0.0091
Std Dev: 0.2545 +/- 0.0042	Std Dev: 0.5432 +/- 0.0073	Std Dev: 0.2488 +/- 0.0064



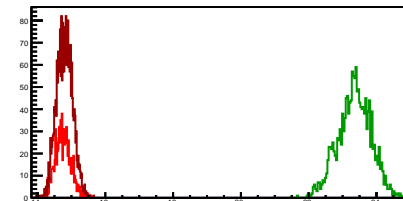
Cycle 7, Sums

Entries: 1220	Entries: 4674	Entries: 914
Mean: 14.8670 +/- 0.0068	Mean: 23.2906 +/- 0.0060	Mean: 14.7075 +/- 0.0077
Std Dev: 0.2365 +/- 0.0048	Std Dev: 0.4136 +/- 0.0043	Std Dev: 0.2320 +/- 0.0054



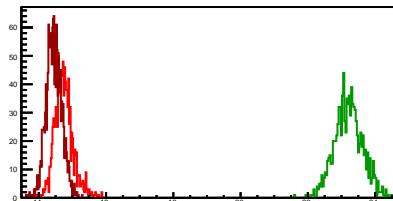
Cycle 8, Sums

Entries: 890	Entries: 1639	Entries: 2333
Mean: 14.7496 +/- 0.0079	Mean: 23.3509 +/- 0.0120	Mean: 14.7963 +/- 0.0048
Std Dev: 0.2372 +/- 0.0056	Std Dev: 0.4855 +/- 0.0085	Std Dev: 0.2340 +/- 0.0034



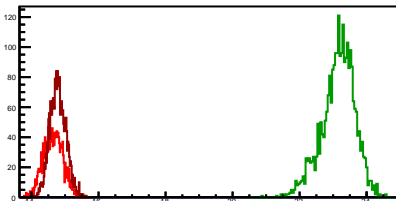
Cycle 9, Sums

Entries: 1148	Entries: 1006	Entries: 1650
Mean: 14.7448 +/- 0.0081	Mean: 23.2089 +/- 0.0131	Mean: 14.4522 +/- 0.0057
Std Dev: 0.2748 +/- 0.0057	Std Dev: 0.4152 +/- 0.0093	Std Dev: 0.2299 +/- 0.0040



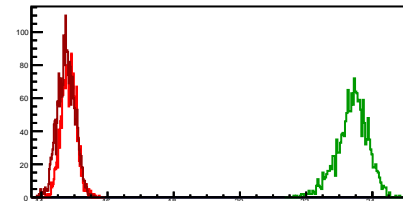
Cycle 10, Sums

Entries: 1651	Entries: 2639	Entries: 2319
Mean: 14.6408 +/- 0.0070	Mean: 23.1528 +/- 0.0097	Mean: 14.7870 +/- 0.0050
Std Dev: 0.2839 +/- 0.0049	Std Dev: 0.4966 +/- 0.0068	Std Dev: 0.2399 +/- 0.0035



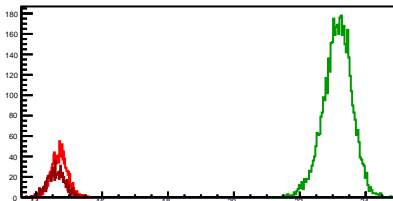
Cycle 11, Sums

Entries: 2286	Entries: 1725	Entries: 2794
Mean: 14.8311 +/- 0.0048	Mean: 23.3947 +/- 0.0113	Mean: 14.7507 +/- 0.0050
Std Dev: 0.2279 +/- 0.0034	Std Dev: 0.4701 +/- 0.0080	Std Dev: 0.2653 +/- 0.0035



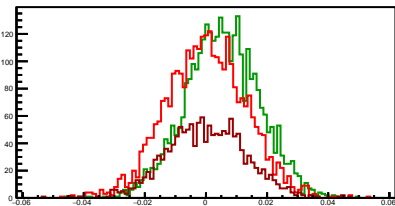
Cycle 12, Sums

Entries: 1339	Entries: 4673	Entries: 850
Mean: 14.7050 +/- 0.0066	Mean: 23.1440 +/- 0.0063	Mean: 14.6045 +/- 0.0091
Std Dev: 0.2423 +/- 0.0047	Std Dev: 0.4331 +/- 0.0045	Std Dev: 0.2647 +/- 0.0064



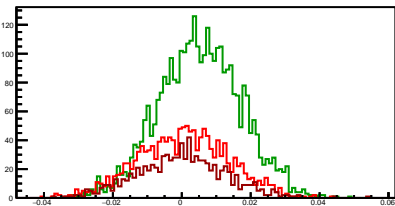
Cycle 1, Asyms

Entries: 3137	Entries: 3320	Entries: 1466
Mean: 0.0000 +/- 0.0002	Mean: 0.0052 +/- 0.0002	Mean: 0.0001 +/- 0.0003
Std Dev: 0.0130 +/- 0.0002	Std Dev: 0.0120 +/- 0.0001	Std Dev: 0.0128 +/- 0.0002



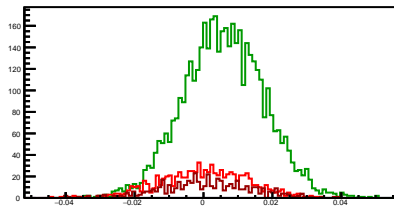
Cycle 2, Asyms

Entries: 1480	Entries: 3422	Entries: 870
Mean: 0.0003 +/- 0.0003	Mean: 0.0053 +/- 0.0002	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0131 +/- 0.0002	Std Dev: 0.0119 +/- 0.0001	Std Dev: 0.0127 +/- 0.0002



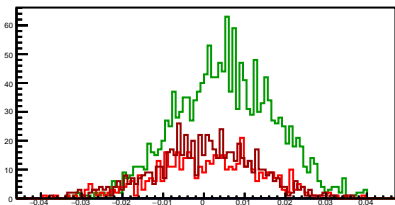
Cycle 3, Asyms

Entries: 877	Entries: 4544	Entries: 491
Mean: -0.0000 +/- 0.0004	Mean: 0.0058 +/- 0.0002	Mean: 0.0006 +/- 0.0006
Std Dev: 0.0126 +/- 0.0003	Std Dev: 0.0118 +/- 0.0001	Std Dev: 0.0134 +/- 0.0004



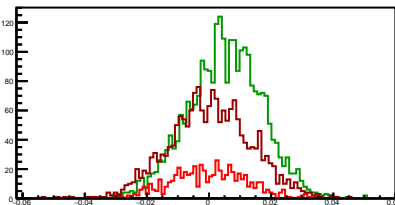
Cycle 4, Asyms

Entries: 492	Entries: 1625	Entries: 652
Mean: 0.0011 +/- 0.0006	Mean: 0.0052 +/- 0.0003	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0133 +/- 0.0004	Std Dev: 0.0122 +/- 0.0002	Std Dev: 0.0125 +/- 0.0003



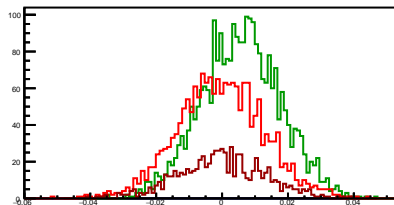
Cycle 5, Asyms

Entries: 577	Entries: 2734	Entries: 1850
Mean: -0.0000 +/- 0.0005	Mean: 0.0051 +/- 0.0002	Mean: 0.0005 +/- 0.0003
Std Dev: 0.0124 +/- 0.0004	Std Dev: 0.0120 +/- 0.0002	Std Dev: 0.0132 +/- 0.0002



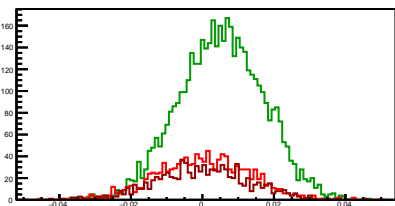
Cycle 6, Asyms

Entries: 1841	Entries: 2764	Entries: 745
Mean: -0.0005 +/- 0.0003	Mean: 0.0056 +/- 0.0002	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0131 +/- 0.0002	Std Dev: 0.0120 +/- 0.0002	Std Dev: 0.0131 +/- 0.0003



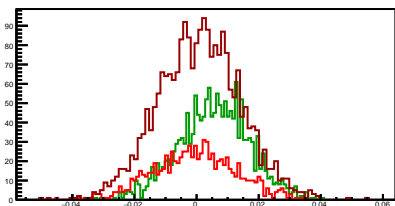
Cycle 7, Asyms

Entries: 1220	Entries: 4674	Entries: 914
Mean: 0.0002 +/- 0.0004	Mean: 0.0052 +/- 0.0002	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0129 +/- 0.0003	Std Dev: 0.0118 +/- 0.0001	Std Dev: 0.0130 +/- 0.0003



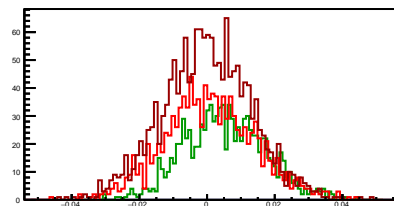
Cycle 8, Asyms

Entries: 890	Entries: 1639	Entries: 2333
Mean: -0.0006 +/- 0.0004	Mean: 0.0057 +/- 0.0003	Mean: 0.0009 +/- 0.0003
Std Dev: 0.0131 +/- 0.0003	Std Dev: 0.0115 +/- 0.0002	Std Dev: 0.0132 +/- 0.0002



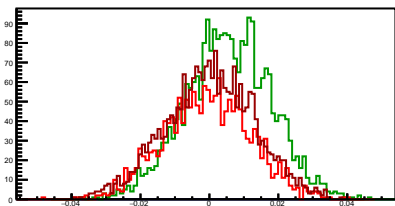
Cycle 9, Asyms

Entries: 1148	Entries: 1006	Entries: 1650
Mean: 0.0008 +/- 0.0004	Mean: 0.0053 +/- 0.0004	Mean: -0.0001 +/- 0.0003
Std Dev: 0.0135 +/- 0.0003	Std Dev: 0.0120 +/- 0.0003	Std Dev: 0.0131 +/- 0.0002



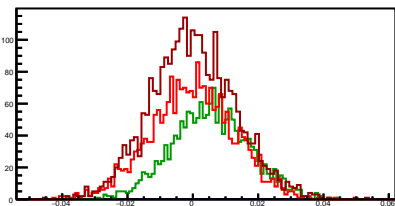
Cycle 10, Asyms

Entries: 1651	Entries: 2639	Entries: 2319
Mean: -0.0006 +/- 0.0003	Mean: 0.0054 +/- 0.0002	Mean: 0.0001 +/- 0.0003
Std Dev: 0.0126 +/- 0.0002	Std Dev: 0.0123 +/- 0.0002	Std Dev: 0.0128 +/- 0.0002



Cycle 11, Asyms

Entries: 2286	Entries: 1725	Entries: 2794
Mean: -0.0002 +/- 0.0003	Mean: 0.0054 +/- 0.0003	Mean: 0.0001 +/- 0.0002
Std Dev: 0.0128 +/- 0.0002	Std Dev: 0.0118 +/- 0.0002	Std Dev: 0.0129 +/- 0.0002



Cycle 12, Asyms

Entries: 1339	Entries: 4673	Entries: 850
Mean: 0.0000 +/- 0.0004	Mean: 0.0055 +/- 0.0002	Mean: 0.0005 +/- 0.0005
Std Dev: 0.0135 +/- 0.0003	Std Dev: 0.0121 +/- 0.0001	Std Dev: 0.0135 +/- 0.0003

