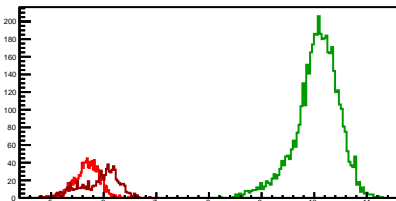


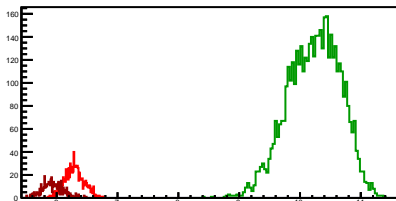
Cycle 1, PosHel

Entries: 1161	Entries: 4682	Entries: 872
Mean: 5.6877 +/- 0.0067	Mean: 10.0540 +/- 0.0061	Mean: 5.9081 +/- 0.0126
Std Dev: 0.2293 +/- 0.0048	Std Dev: 0.4145 +/- 0.0043	Std Dev: 0.3731 +/- 0.0089



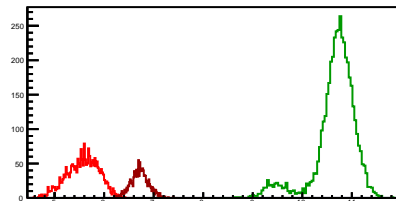
Cycle 2, PosHel

Entries: 893	Entries: 4694	Entries: 452
Mean: 6.2927 +/- 0.0053	Mean: 10.2285 +/- 0.0063	Mean: 5.9315 +/- 0.0081
Std Dev: 0.1590 +/- 0.0038	Std Dev: 0.4322 +/- 0.0045	Std Dev: 0.1721 +/- 0.0057



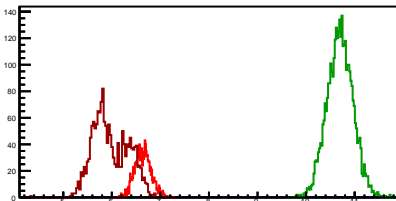
Cycle 3, PosHel

Entries: 2250	Entries: 4572	Entries: 1251
Mean: 5.5701 +/- 0.0067	Mean: 10.6593 +/- 0.0063	Mean: 6.7180 +/- 0.0051
Std Dev: 0.3184 +/- 0.0047	Std Dev: 0.4288 +/- 0.0045	Std Dev: 0.1792 +/- 0.0036



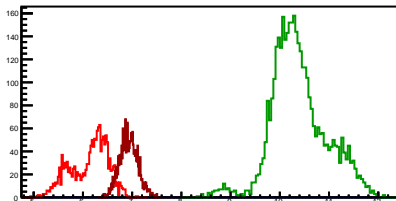
Cycle 4, PosHel

Entries: 1183	Entries: 3572	Entries: 1693
Mean: 6.6427 +/- 0.0049	Mean: 10.6978 +/- 0.0045	Mean: 5.9771 +/- 0.0088
Std Dev: 0.1685 +/- 0.0035	Std Dev: 0.2666 +/- 0.0032	Std Dev: 0.3625 +/- 0.0062



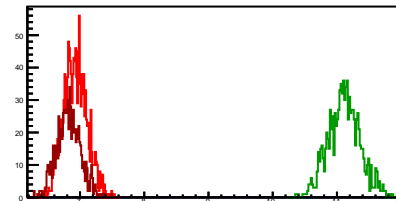
Cycle 5, PosHel

Entries: 1660	Entries: 3808	Entries: 1859
Mean: 6.1323 +/- 0.0094	Mean: 10.3840 +/- 0.0091	Mean: 6.9285 +/- 0.0042
Std Dev: 0.3826 +/- 0.0066	Std Dev: 0.5642 +/- 0.0065	Std Dev: 0.1832 +/- 0.0030



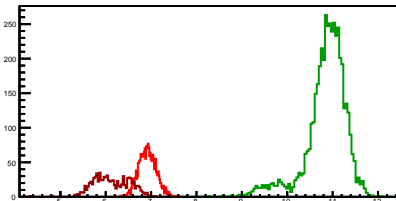
Cycle 6, PosHel

Entries: 1388	Entries: 1012	Entries: 827
Mean: 6.9265 +/- 0.0049	Mean: 11.1128 +/- 0.0079	Mean: 6.8247 +/- 0.0064
Std Dev: 0.1839 +/- 0.0035	Std Dev: 0.2502 +/- 0.0056	Std Dev: 0.1845 +/- 0.0045



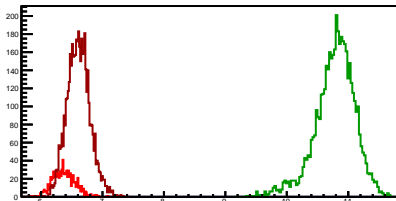
Cycle 7, PosHel

Entries: 2273	Entries: 4655	Entries: 887
Mean: 6.9178 +/- 0.0040	Mean: 10.8465 +/- 0.0067	Mean: 6.1296 +/- 0.0129
Std Dev: 0.1916 +/- 0.0028	Std Dev: 0.4580 +/- 0.0047	Std Dev: 0.3847 +/- 0.0091



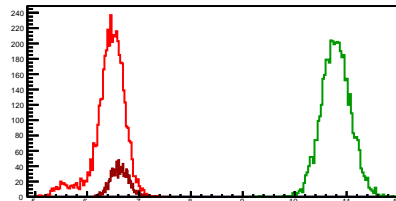
Cycle 8, PosHel

Entries: 864	Entries: 4702	Entries: 4790
Mean: 6.3728 +/- 0.0062	Mean: 10.7826 +/- 0.0048	Mean: 6.6092 +/- 0.0027
Std Dev: 0.1818 +/- 0.0044	Std Dev: 0.3271 +/- 0.0034	Std Dev: 0.1857 +/- 0.0019



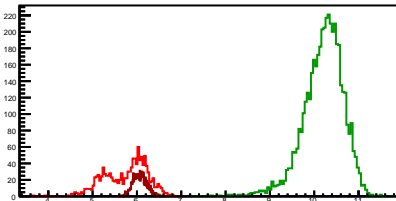
Cycle 9, PosHel

Entries: 4763	Entries: 4642	Entries: 1249
Mean: 6.4300 +/- 0.0045	Mean: 10.7928 +/- 0.0041	Mean: 6.6310 +/- 0.0049
Std Dev: 0.3136 +/- 0.0032	Std Dev: 0.2783 +/- 0.0029	Std Dev: 0.1724 +/- 0.0034



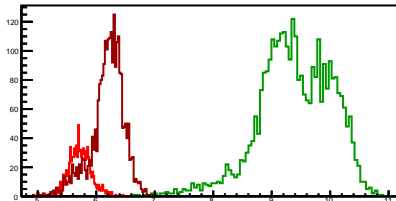
Cycle 10, PosHel

Entries: 1215	Entries: 4588	Entries: 918
Mean: 5.7523 +/- 0.0138	Mean: 10.2039 +/- 0.0067	Mean: 6.0671 +/- 0.0051
Std Dev: 0.4816 +/- 0.0098	Std Dev: 0.4508 +/- 0.0047	Std Dev: 0.1557 +/- 0.0036



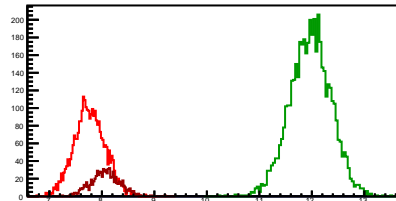
Cycle 11, PosHel

Entries: 900	Entries: 3340	Entries: 2533
Mean: 5.7196 +/- 0.0064	Mean: 9.3900 +/- 0.0110	Mean: 6.1916 +/- 0.0057
Std Dev: 0.1912 +/- 0.0045	Std Dev: 0.6347 +/- 0.0078	Std Dev: 0.2845 +/- 0.0040



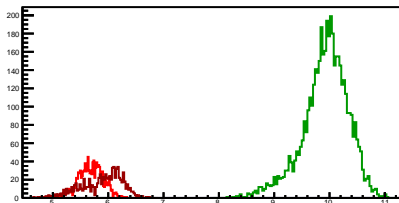
Cycle 12, PosHel

Entries: 2998	Entries: 4700	Entries: 807
Mean: 7.7690 +/- 0.0054	Mean: 11.9706 +/- 0.0057	Mean: 8.0669 +/- 0.0095
Std Dev: 0.2966 +/- 0.0038	Std Dev: 0.3892 +/- 0.0040	Std Dev: 0.2709 +/- 0.0067



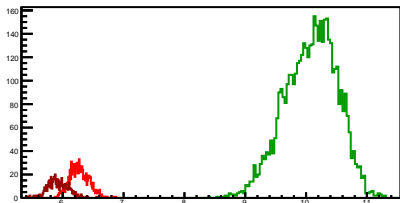
Cycle 1, NegHel

Entries: 1161	Entries: 4682	Entries: 872
Mean: 5.6825 +/- 0.0067	Mean: 9.9240 +/- 0.0060	Mean: 5.8848 +/- 0.0125
Std Dev: 0.2285 +/- 0.0047	Std Dev: 0.4128 +/- 0.0043	Std Dev: 0.3692 +/- 0.0088



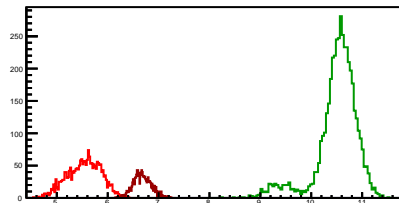
Cycle 2, NegHel

Entries: 893	Entries: 4694	Entries: 452
Mean: 6.2737 +/- 0.0053	Mean: 10.0765 +/- 0.0063	Mean: 5.9192 +/- 0.0079
Std Dev: 0.1593 +/- 0.0038	Std Dev: 0.4313 +/- 0.0045	Std Dev: 0.1680 +/- 0.0056



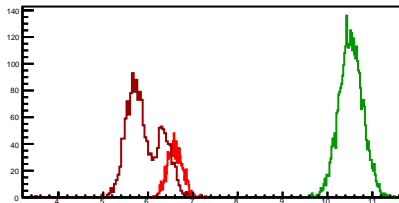
Cycle 3, NegHel

Entries: 2250	Entries: 4572	Entries: 1251
Mean: 5.5359 +/- 0.0068	Mean: 10.5004 +/- 0.0062	Mean: 6.6776 +/- 0.0049
Std Dev: 0.3242 +/- 0.0048	Std Dev: 0.4194 +/- 0.0044	Std Dev: 0.1730 +/- 0.0035



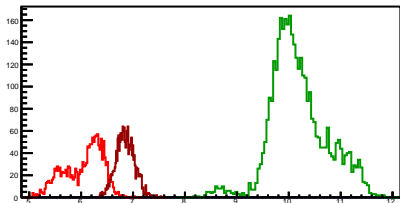
Cycle 4, NegHel

Entries: 1183	Entries: 3572	Entries: 1693
Mean: 6.5986 +/- 0.0048	Mean: 10.5211 +/- 0.0044	Mean: 5.9163 +/- 0.0092
Std Dev: 0.1656 +/- 0.0034	Std Dev: 0.2617 +/- 0.0031	Std Dev: 0.3786 +/- 0.0065



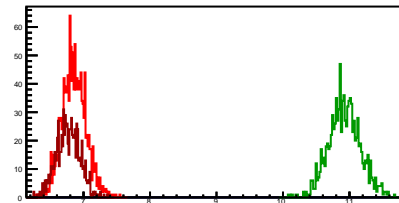
Cycle 5, NegHel

Entries: 1660	Entries: 3808	Entries: 1859
Mean: 6.0525 +/- 0.0091	Mean: 10.1858 +/- 0.0089	Mean: 6.8528 +/- 0.0042
Std Dev: 0.3693 +/- 0.0064	Std Dev: 0.5503 +/- 0.0063	Std Dev: 0.1799 +/- 0.0030



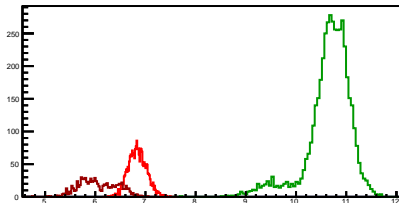
Cycle 6, NegHel

Entries: 1388	Entries: 1012	Entries: 827
Mean: 6.8571 +/- 0.0048	Mean: 10.9259 +/- 0.0076	Mean: 6.7683 +/- 0.0060
Std Dev: 0.1795 +/- 0.0034	Std Dev: 0.2404 +/- 0.0053	Std Dev: 0.1736 +/- 0.0043



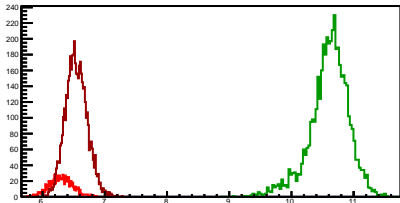
Cycle 7, NegHel

Entries: 2273	Entries: 4655	Entries: 887
Mean: 6.8385 +/- 0.0038	Mean: 10.6507 +/- 0.0066	Mean: 6.0579 +/- 0.0126
Std Dev: 0.1824 +/- 0.0027	Std Dev: 0.4504 +/- 0.0047	Std Dev: 0.3746 +/- 0.0089



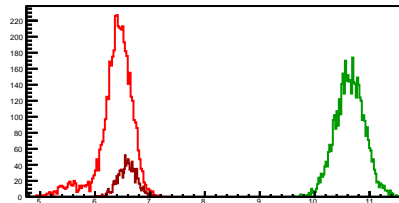
Cycle 8, NegHel

Entries: 864	Entries: 4702	Entries: 4790
Mean: 6.2980 +/- 0.0063	Mean: 10.6014 +/- 0.0046	Mean: 6.5427 +/- 0.0025
Std Dev: 0.1843 +/- 0.0044	Std Dev: 0.3173 +/- 0.0033	Std Dev: 0.1740 +/- 0.0018



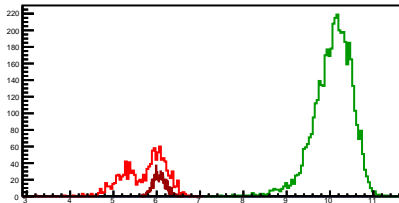
Cycle 9, NegHel

Entries: 4763	Entries: 4642	Entries: 1249
Mean: 6.3827 +/- 0.0045	Mean: 10.6406 +/- 0.0039	Mean: 6.5921 +/- 0.0049
Std Dev: 0.3126 +/- 0.0032	Std Dev: 0.2675 +/- 0.0028	Std Dev: 0.1736 +/- 0.0035



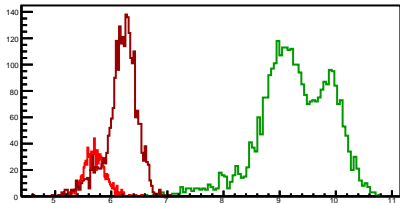
Cycle 10, NegHel

Entries: 1215	Entries: 4588	Entries: 918
Mean: 5.7263 +/- 0.0138	Mean: 10.0639 +/- 0.0065	Mean: 6.0669 +/- 0.0050
Std Dev: 0.4822 +/- 0.0098	Std Dev: 0.4424 +/- 0.0046	Std Dev: 0.1523 +/- 0.0036



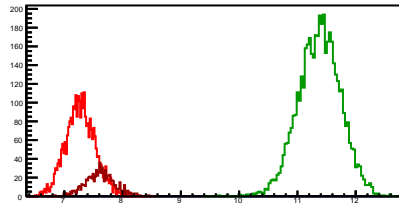
Cycle 11, NegHel

Entries: 900	Entries: 3340	Entries: 2533
Mean: 5.7135 +/- 0.0064	Mean: 9.2787 +/- 0.0110	Mean: 6.1824 +/- 0.0057
Std Dev: 0.1932 +/- 0.0046	Std Dev: 0.6334 +/- 0.0078	Std Dev: 0.2858 +/- 0.0040



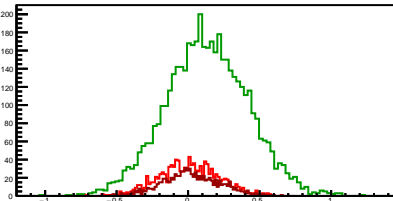
Cycle 12, NegHel

Entries: 2998	Entries: 4700	Entries: 807
Mean: 7.2778 +/- 0.0047	Mean: 11.3751 +/- 0.0053	Mean: 7.6187 +/- 0.0088
Std Dev: 0.2553 +/- 0.0033	Std Dev: 0.3623 +/- 0.0037	Std Dev: 0.2513 +/- 0.0063



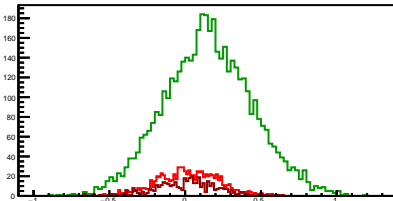
Cycle 1, Diffs

Entries: 1161	Entries: 4682	Entries: 872
Mean: 0.0053 +/- 0.0061	Mean: 0.1300 +/- 0.0042	Mean: 0.0233 +/- 0.0067
Std Dev: 0.2077 +/- 0.0043	Std Dev: 0.2876 +/- 0.0030	Std Dev: 0.1990 +/- 0.0048



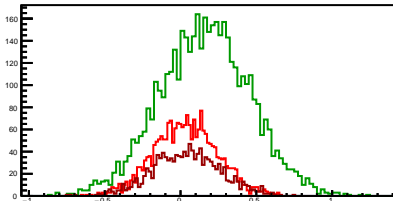
Cycle 2, Diffs

Entries: 893	Entries: 4694	Entries: 452
Mean: 0.0190 +/- 0.0067	Mean: 0.1520 +/- 0.0043	Mean: 0.0123 +/- 0.0098
Std Dev: 0.2010 +/- 0.0048	Std Dev: 0.2929 +/- 0.0030	Std Dev: 0.2074 +/- 0.0069



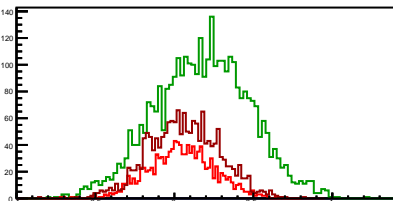
Cycle 3, Diffs

Entries: 2250	Entries: 4572	Entries: 1251
Mean: 0.0343 +/- 0.0044	Mean: 0.1589 +/- 0.0044	Mean: 0.0404 +/- 0.0063
Std Dev: 0.2078 +/- 0.0031	Std Dev: 0.2973 +/- 0.0031	Std Dev: 0.2226 +/- 0.0045



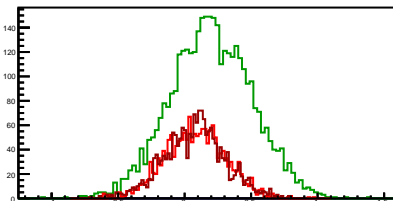
Cycle 4, Diffs

Entries: 1183	Entries: 3572	Entries: 1693
Mean: 0.0441 +/- 0.0061	Mean: 0.1767 +/- 0.0050	Mean: 0.0608 +/- 0.0054
Std Dev: 0.2083 +/- 0.0043	Std Dev: 0.3009 +/- 0.0036	Std Dev: 0.2238 +/- 0.0038



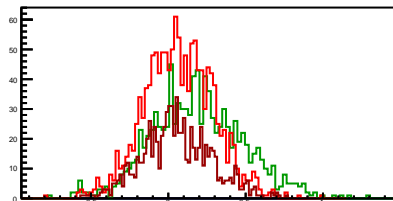
Cycle 5, Diffs

Entries: 1660	Entries: 3808	Entries: 1859
Mean: 0.0798 +/- 0.0056	Mean: 0.1982 +/- 0.0050	Mean: 0.0758 +/- 0.0053
Std Dev: 0.2301 +/- 0.0040	Std Dev: 0.3065 +/- 0.0035	Std Dev: 0.2299 +/- 0.0038



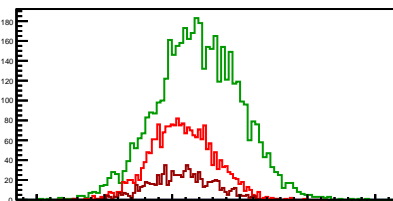
Cycle 6, Diffs

Entries: 1388	Entries: 1012	Entries: 827
Mean: 0.0694 +/- 0.0061	Mean: 0.1870 +/- 0.0094	Mean: 0.0563 +/- 0.0078
Std Dev: 0.2262 +/- 0.0043	Std Dev: 0.2989 +/- 0.0066	Std Dev: 0.2234 +/- 0.0055



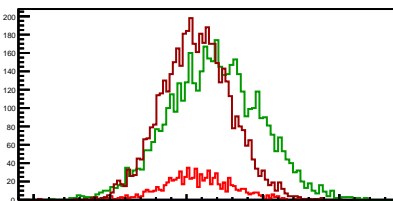
Cycle 7, Diffs

Entries: 2273	Entries: 4655	Entries: 887
Mean: 0.0793 +/- 0.0049	Mean: 0.1958 +/- 0.0045	Mean: 0.0717 +/- 0.0078
Std Dev: 0.2339 +/- 0.0035	Std Dev: 0.3086 +/- 0.0032	Std Dev: 0.2335 +/- 0.0055



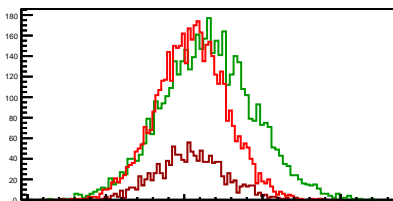
Cycle 8, Diffs

Entries: 864	Entries: 4702	Entries: 4790
Mean: 0.0748 +/- 0.0078	Mean: 0.1812 +/- 0.0044	Mean: 0.0664 +/- 0.0033
Std Dev: 0.2291 +/- 0.0055	Std Dev: 0.2985 +/- 0.0031	Std Dev: 0.2257 +/- 0.0023



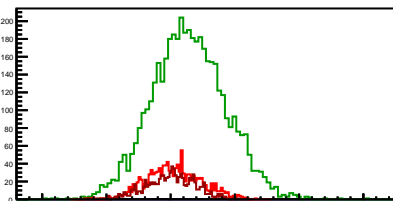
Cycle 9, Diffs

Entries: 4763	Entries: 4642	Entries: 1249
Mean: 0.0473 +/- 0.0032	Mean: 0.1522 +/- 0.0043	Mean: 0.0389 +/- 0.0063
Std Dev: 0.2227 +/- 0.0023	Std Dev: 0.2924 +/- 0.0030	Std Dev: 0.2210 +/- 0.0044



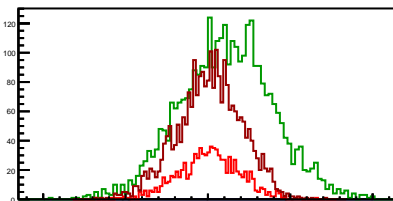
Cycle 10, Diffs

Entries: 1215	Entries: 4588	Entries: 918
Mean: 0.0260 +/- 0.0062	Mean: 0.1400 +/- 0.0042	Mean: 0.0002 +/- 0.0063
Std Dev: 0.2148 +/- 0.0044	Std Dev: 0.2861 +/- 0.0030	Std Dev: 0.1910 +/- 0.0045



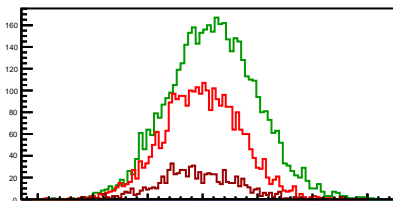
Cycle 11, Diffs

Entries: 900	Entries: 3340	Entries: 2533
Mean: 0.0061 +/- 0.0063	Mean: 0.1112 +/- 0.0049	Mean: 0.0092 +/- 0.0039
Std Dev: 0.1882 +/- 0.0044	Std Dev: 0.2807 +/- 0.0034	Std Dev: 0.1979 +/- 0.0028



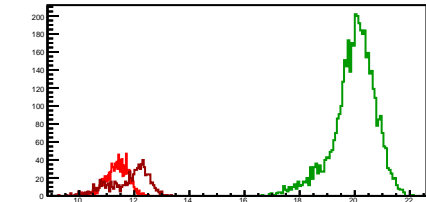
Cycle 12, Diffs

Entries: 2998	Entries: 4700	Entries: 807
Mean: 0.4912 +/- 0.0065	Mean: 0.5955 +/- 0.0058	Mean: 0.4482 +/- 0.0126
Std Dev: 0.3532 +/- 0.0046	Std Dev: 0.3991 +/- 0.0041	Std Dev: 0.3569 +/- 0.0089



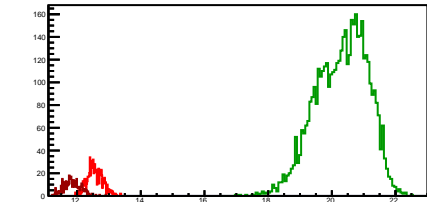
Cycle 1, Sums

Entries: 1161	Entries: 4682	Entries: 872
Mean: 11.3702 +/- 0.0120	Mean: 19.9780 +/- 0.0113	Mean: 11.7929 +/- 0.0242
Std Dev: 0.4080 +/- 0.0085	Std Dev: 0.7757 +/- 0.0080	Std Dev: 0.7151 +/- 0.0171



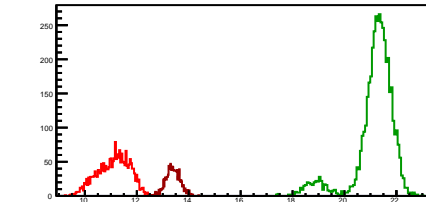
Cycle 2, Sums

Entries: 893	Entries: 4694	Entries: 452
Mean: 12.5663 +/- 0.0083	Mean: 20.3050 +/- 0.0119	Mean: 11.8506 +/- 0.0127
Std Dev: 0.2468 +/- 0.0058	Std Dev: 0.8123 +/- 0.0084	Std Dev: 0.2695 +/- 0.0090



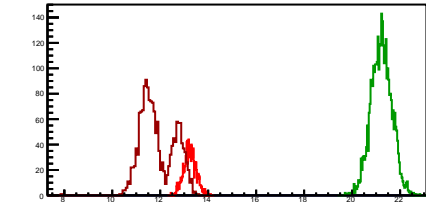
Cycle 3, Sums

Entries: 2250	Entries: 4572	Entries: 1251
Mean: 11.1060 +/- 0.0128	Mean: 21.1597 +/- 0.0117	Mean: 13.9356 +/- 0.0077
Std Dev: 0.6081 +/- 0.0091	Std Dev: 0.7945 +/- 0.0083	Std Dev: 0.2729 +/- 0.0055



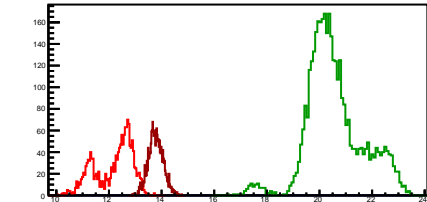
Cycle 4, Sums

Entries: 1183	Entries: 3572	Entries: 1693
Mean: 13.2414 +/- 0.0076	Mean: 21.2190 +/- 0.0073	Mean: 11.8934 +/- 0.0172
Std Dev: 0.2613 +/- 0.0054	Std Dev: 0.4342 +/- 0.0051	Std Dev: 0.7067 +/- 0.0121



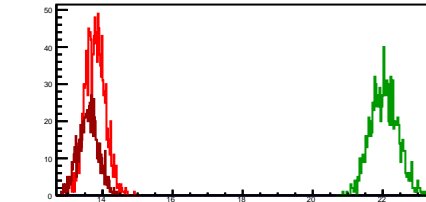
Cycle 5, Sums

Entries: 1660	Entries: 3808	Entries: 1859
Mean: 12.1848 +/- 0.0176	Mean: 20.5698 +/- 0.0174	Mean: 13.7813 +/- 0.0065
Std Dev: 0.7160 +/- 0.0124	Std Dev: 1.0717 +/- 0.0123	Std Dev: 0.2811 +/- 0.0046



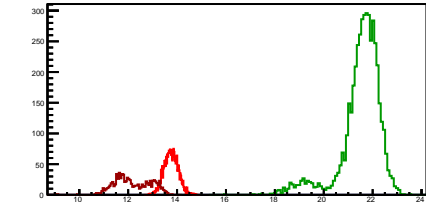
Cycle 6, Sums

Entries: 1388	Entries: 1012	Entries: 827
Mean: 13.7836 +/- 0.0076	Mean: 22.0387 +/- 0.0122	Mean: 13.5930 +/- 0.0097
Std Dev: 0.2845 +/- 0.0054	Std Dev: 0.3892 +/- 0.0087	Std Dev: 0.2800 +/- 0.0069



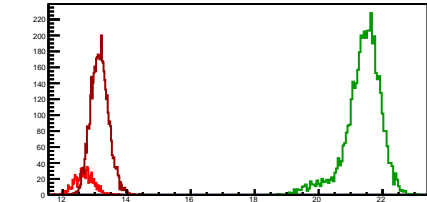
Cycle 7, Sums

Entries: 2273	Entries: 4655	Entries: 887
Mean: 13.7563 +/- 0.0061	Mean: 21.4972 +/- 0.0125	Mean: 12.1875 +/- 0.0243
Std Dev: 0.2920 +/- 0.0043	Std Dev: 0.8544 +/- 0.0089	Std Dev: 0.7226 +/- 0.0172



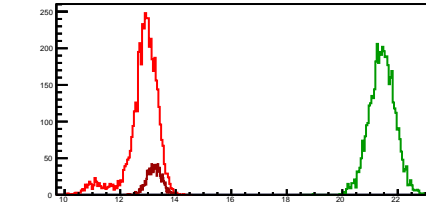
Cycle 8, Sums

Entries: 864	Entries: 4702	Entries: 4790
Mean: 12.6709 +/- 0.0097	Mean: 21.3841 +/- 0.0083	Mean: 13.1519 +/- 0.0041
Std Dev: 0.2856 +/- 0.0069	Std Dev: 0.5712 +/- 0.0059	Std Dev: 0.2803 +/- 0.0029



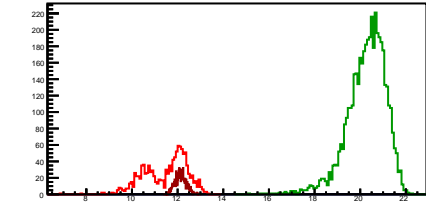
Cycle 9, Sums

Entries: 4763	Entries: 4642	Entries: 1249
Mean: 12.8127 +/- 0.0085	Mean: 21.4334 +/- 0.0068	Mean: 13.2230 +/- 0.0075
Std Dev: 0.5853 +/- 0.0060	Std Dev: 0.4611 +/- 0.0048	Std Dev: 0.2661 +/- 0.0053



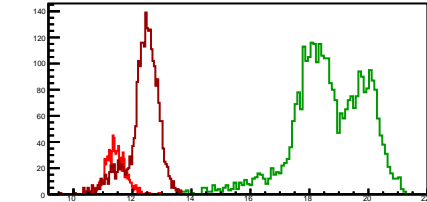
Cycle 10, Sums

Entries: 1215	Entries: 4588	Entries: 918
Mean: 11.4786 +/- 0.0270	Mean: 20.2678 +/- 0.0125	Mean: 12.1340 +/- 0.0080
Std Dev: 0.9395 +/- 0.0191	Std Dev: 0.8463 +/- 0.0088	Std Dev: 0.2417 +/- 0.0056



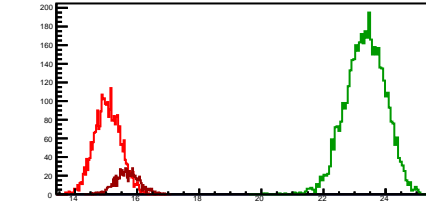
Cycle 11, Sums

Entries: 900	Entries: 3340	Entries: 2533
Mean: 11.4331 +/- 0.0112	Mean: 18.6687 +/- 0.0214	Mean: 12.3741 +/- 0.0106
Std Dev: 0.3352 +/- 0.0079	Std Dev: 1.2366 +/- 0.0151	Std Dev: 0.5348 +/- 0.0075



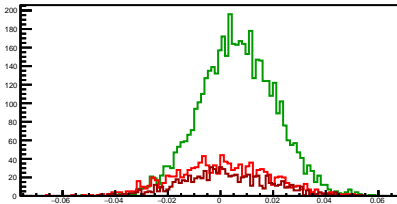
Cycle 12, Sums

Entries: 2998	Entries: 4700	Entries: 807
Mean: 15.0468 +/- 0.0078	Mean: 23.3457 +/- 0.0093	Mean: 15.6856 +/- 0.0134
Std Dev: 0.4260 +/- 0.0055	Std Dev: 0.6373 +/- 0.0066	Std Dev: 0.3817 +/- 0.0095



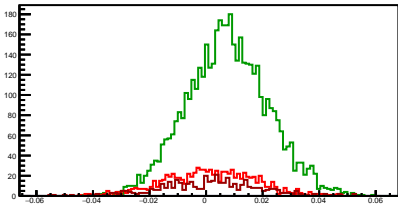
Cycle 1, Asyms

Entries: 1161	Entries: 4682	Entries: 872
Mean: 0.0005 +/- 0.0005	Mean: 0.0065 +/- 0.0002	Mean: 0.0020 +/- 0.0006
Std Dev: 0.0182 +/- 0.0004	Std Dev: 0.0144 +/- 0.0001	Std Dev: 0.0169 +/- 0.0004



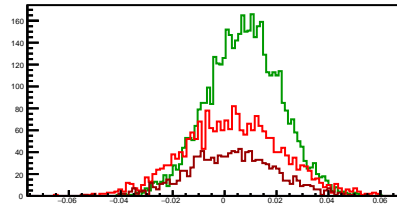
Cycle 2, Asyms

Entries: 893	Entries: 4694	Entries: 452
Mean: 0.0015 +/- 0.0005	Mean: 0.0075 +/- 0.0002	Mean: 0.0010 +/- 0.0008
Std Dev: 0.0160 +/- 0.0004	Std Dev: 0.0144 +/- 0.0001	Std Dev: 0.0175 +/- 0.0006



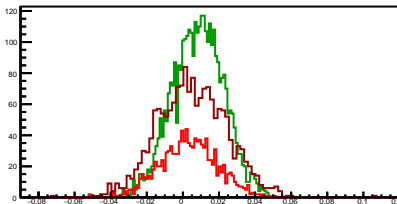
Cycle 3, Asyms

Entries: 2250	Entries: 4572	Entries: 1251
Mean: 0.0031 +/- 0.0004	Mean: 0.0075 +/- 0.0002	Mean: 0.0030 +/- 0.0005
Std Dev: 0.0188 +/- 0.0003	Std Dev: 0.0141 +/- 0.0001	Std Dev: 0.0166 +/- 0.0003



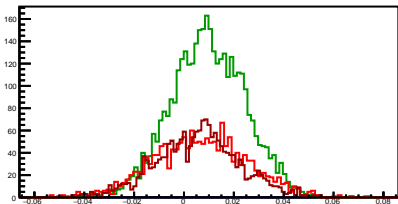
Cycle 4, Asyms

Entries: 1183	Entries: 3572	Entries: 1693
Mean: 0.0033 +/- 0.0005	Mean: 0.0083 +/- 0.0002	Mean: 0.0052 +/- 0.0005
Std Dev: 0.0157 +/- 0.0003	Std Dev: 0.0142 +/- 0.0002	Std Dev: 0.0190 +/- 0.0003



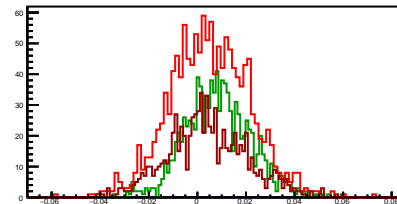
Cycle 5, Asyms

Entries: 1660	Entries: 3808	Entries: 1859
Mean: 0.0065 +/- 0.0005	Mean: 0.0096 +/- 0.0002	Mean: 0.0055 +/- 0.0004
Std Dev: 0.0188 +/- 0.0003	Std Dev: 0.0149 +/- 0.0002	Std Dev: 0.0167 +/- 0.0003



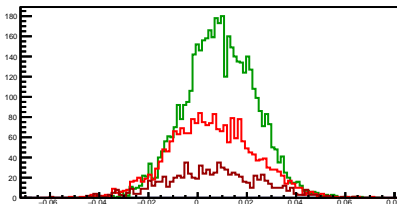
Cycle 6, Asyms

Entries: 1388	Entries: 1012	Entries: 827
Mean: 0.0050 +/- 0.0004	Mean: 0.0085 +/- 0.0004	Mean: 0.0041 +/- 0.0006
Std Dev: 0.0164 +/- 0.0003	Std Dev: 0.0136 +/- 0.0003	Std Dev: 0.0164 +/- 0.0004



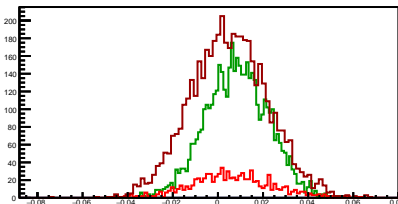
Cycle 7, Asyms

Entries: 2273	Entries: 4655	Entries: 887
Mean: 0.0057 +/- 0.0004	Mean: 0.0091 +/- 0.0002	Mean: 0.0059 +/- 0.0006
Std Dev: 0.0170 +/- 0.0003	Std Dev: 0.0144 +/- 0.0001	Std Dev: 0.0193 +/- 0.0005



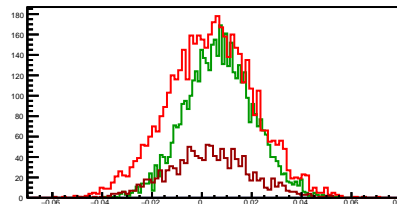
Cycle 8, Asyms

Entries: 864	Entries: 4702	Entries: 4790
Mean: 0.0059 +/- 0.0006	Mean: 0.0085 +/- 0.0002	Mean: 0.0050 +/- 0.0002
Std Dev: 0.0180 +/- 0.0004	Std Dev: 0.0139 +/- 0.0001	Std Dev: 0.0171 +/- 0.0002



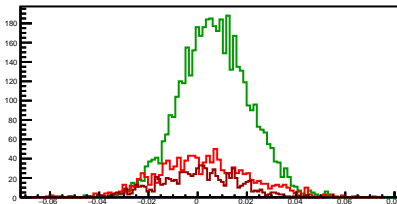
Cycle 9, Asyms

Entries: 4763	Entries: 4642	Entries: 1249
Mean: 0.0037 +/- 0.0003	Mean: 0.0071 +/- 0.0002	Mean: 0.0029 +/- 0.0005
Std Dev: 0.0174 +/- 0.0002	Std Dev: 0.0136 +/- 0.0001	Std Dev: 0.0167 +/- 0.0003



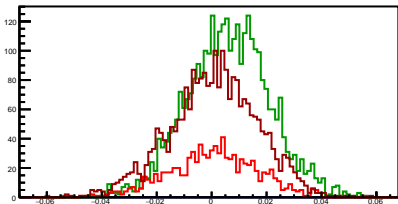
Cycle 10, Asyms

Entries: 1215	Entries: 4588	Entries: 918
Mean: 0.0023 +/- 0.0005	Mean: 0.0069 +/- 0.0002	Mean: 0.0000 +/- 0.0005
Std Dev: 0.0189 +/- 0.0004	Std Dev: 0.0141 +/- 0.0001	Std Dev: 0.0157 +/- 0.0004



Cycle 11, Asyms

Entries: 900	Entries: 3340	Entries: 2533
Mean: 0.0005 +/- 0.0005	Mean: 0.0060 +/- 0.0003	Mean: 0.0008 +/- 0.0003
Std Dev: 0.0164 +/- 0.0004	Std Dev: 0.0151 +/- 0.0002	Std Dev: 0.0160 +/- 0.0002



Cycle 12, Asyms

Entries: 2998	Entries: 4700	Entries: 807
Mean: 0.0326 +/- 0.0004	Mean: 0.0255 +/- 0.0002	Mean: 0.0285 +/- 0.0008
Std Dev: 0.0233 +/- 0.0003	Std Dev: 0.0171 +/- 0.0002	Std Dev: 0.0227 +/- 0.0006

