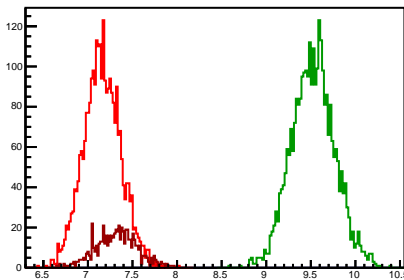


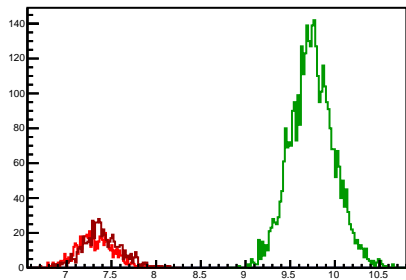
Cycle 1, PosHel

Entries: 2859	Entries: 3006	Entries: 636
Mean: 7.1587 +/- 0.0039	Mean: 9.5253 +/- 0.0044	Mean: 7.3219 +/- 0.0092
Std Dev: 0.2081 +/- 0.0028	Std Dev: 0.2434 +/- 0.0031	Std Dev: 0.2320 +/- 0.0065



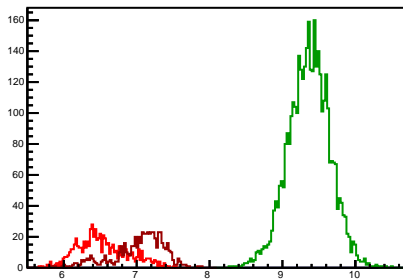
Cycle 2, PosHel

Entries: 611	Entries: 3762	Entries: 630
Mean: 7.3127 +/- 0.0082	Mean: 9.7468 +/- 0.0040	Mean: 7.3946 +/- 0.0086
Std Dev: 0.2038 +/- 0.0058	Std Dev: 0.2461 +/- 0.0028	Std Dev: 0.2163 +/- 0.0061



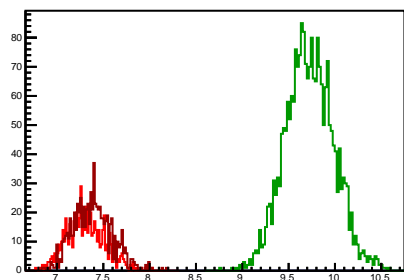
Cycle 3, PosHel

Entries: 716	Entries: 3746	Entries: 626
Mean: 6.5332 +/- 0.0130	Mean: 9.3650 +/- 0.0047	Mean: 7.0315 +/- 0.0143
Std Dev: 0.3474 +/- 0.0092	Std Dev: 0.2869 +/- 0.0033	Std Dev: 0.3581 +/- 0.0101



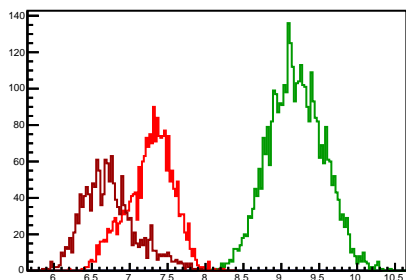
Cycle 4, PosHel

Entries: 628	Entries: 2324	Entries: 748
Mean: 7.3096 +/- 0.0083	Mean: 9.7249 +/- 0.0054	Mean: 7.3838 +/- 0.0076
Std Dev: 0.2072 +/- 0.0058	Std Dev: 0.2614 +/- 0.0038	Std Dev: 0.2077 +/- 0.0054



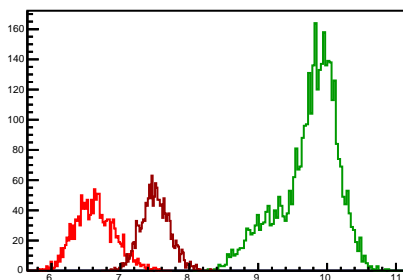
Cycle 5, PosHel

Entries: 2260	Entries: 3750	Entries: 1540
Mean: 7.2662 +/- 0.0065	Mean: 9.1950 +/- 0.0059	Mean: 6.7425 +/- 0.0092
Std Dev: 0.3082 +/- 0.0046	Std Dev: 0.3630 +/- 0.0042	Std Dev: 0.3595 +/- 0.0065



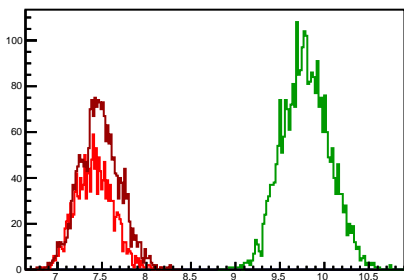
Cycle 6, PosHel

Entries: 1550	Entries: 3758	Entries: 1539
Mean: 6.6342 +/- 0.0074	Mean: 9.7376 +/- 0.0069	Mean: 7.5085 +/- 0.0054
Std Dev: 0.2896 +/- 0.0052	Std Dev: 0.4235 +/- 0.0049	Std Dev: 0.2107 +/- 0.0038



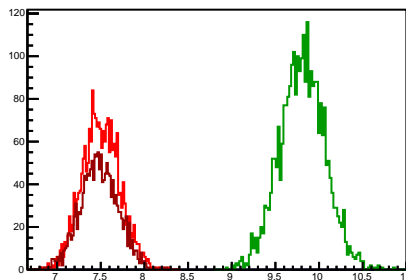
Cycle 7, PosHel

Entries: 1554	Entries: 2946	Entries: 2201
Mean: 7.4134 +/- 0.0053	Mean: 9.7925 +/- 0.0049	Mean: 7.4726 +/- 0.0048
Std Dev: 0.2082 +/- 0.0037	Std Dev: 0.2651 +/- 0.0035	Std Dev: 0.2255 +/- 0.0034



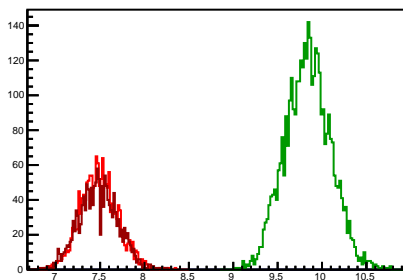
Cycle 8, PosHel

Entries: 2178	Entries: 2914	Entries: 1606
Mean: 7.5002 +/- 0.0046	Mean: 9.8072 +/- 0.0048	Mean: 7.4827 +/- 0.0054
Std Dev: 0.2160 +/- 0.0033	Std Dev: 0.2596 +/- 0.0034	Std Dev: 0.2162 +/- 0.0038



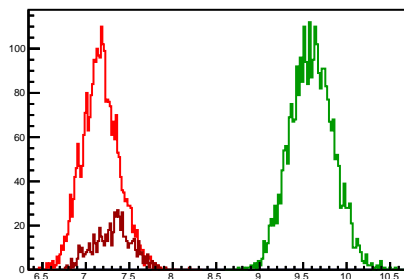
Cycle 9, PosHel

Entries: 1603	Entries: 3754	Entries: 1530
Mean: 7.4861 +/- 0.0052	Mean: 9.8400 +/- 0.0042	Mean: 7.4810 +/- 0.0056
Std Dev: 0.2084 +/- 0.0037	Std Dev: 0.2572 +/- 0.0030	Std Dev: 0.2210 +/- 0.0040



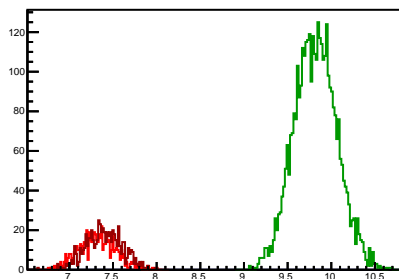
Cycle 1, NegHel

Entries: 2859	Entries: 3006	Entries: 636
Mean: 7.1689 +/- 0.0040	Mean: 9.5991 +/- 0.0045	Mean: 7.3114 +/- 0.0088
Std Dev: 0.2119 +/- 0.0028	Std Dev: 0.2484 +/- 0.0032	Std Dev: 0.2217 +/- 0.0062



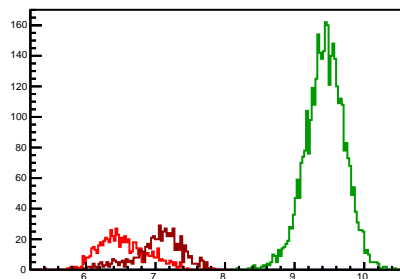
Cycle 2, NegHel

Entries: 611	Entries: 3762	Entries: 630
Mean: 7.3159 +/- 0.0085	Mean: 9.8194 +/- 0.0040	Mean: 7.4002 +/- 0.0082
Std Dev: 0.2094 +/- 0.0060	Std Dev: 0.2453 +/- 0.0028	Std Dev: 0.2066 +/- 0.0058



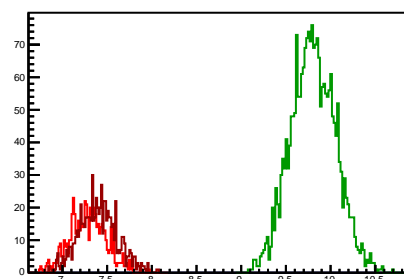
Cycle 3, NegHel

Entries: 716	Entries: 3746	Entries: 626
Mean: 6.5405 +/- 0.0130	Mean: 9.4375 +/- 0.0046	Mean: 7.0292 +/- 0.0147
Std Dev: 0.3470 +/- 0.0092	Std Dev: 0.2822 +/- 0.0033	Std Dev: 0.3673 +/- 0.0104



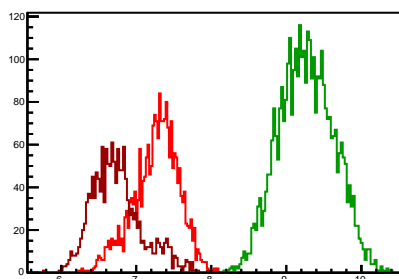
Cycle 4, NegHel

Entries: 628	Entries: 2324	Entries: 748
Mean: 7.2845 +/- 0.0082	Mean: 9.8042 +/- 0.0052	Mean: 7.3988 +/- 0.0077
Std Dev: 0.2051 +/- 0.0058	Std Dev: 0.2502 +/- 0.0037	Std Dev: 0.2107 +/- 0.0054



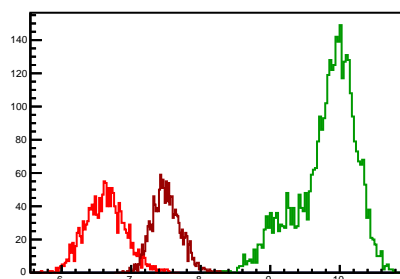
Cycle 5, NegHel

Entries: 2260	Entries: 3750	Entries: 1540
Mean: 7.2644 +/- 0.0064	Mean: 9.2670 +/- 0.0059	Mean: 6.7451 +/- 0.0087
Std Dev: 0.3026 +/- 0.0045	Std Dev: 0.3641 +/- 0.0042	Std Dev: 0.3405 +/- 0.0061



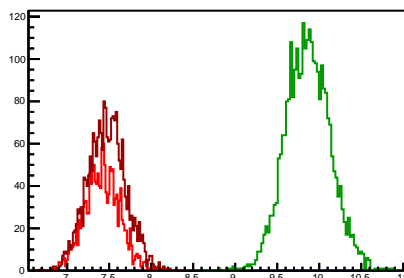
Cycle 6, NegHel

Entries: 1550	Entries: 3758	Entries: 1539
Mean: 6.6269 +/- 0.0073	Mean: 9.8152 +/- 0.0069	Mean: 7.5065 +/- 0.0052
Std Dev: 0.2882 +/- 0.0052	Std Dev: 0.4210 +/- 0.0049	Std Dev: 0.2051 +/- 0.0037



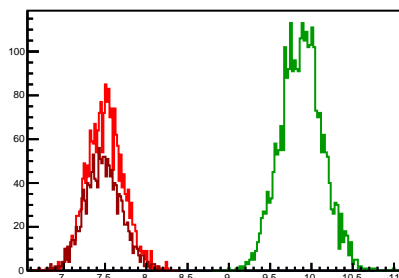
Cycle 7, NegHel

Entries: 1554	Entries: 2946	Entries: 2201
Mean: 7.4174 +/- 0.0052	Mean: 9.8645 +/- 0.0049	Mean: 7.4665 +/- 0.0048
Std Dev: 0.2067 +/- 0.0037	Std Dev: 0.2649 +/- 0.0035	Std Dev: 0.2251 +/- 0.0034



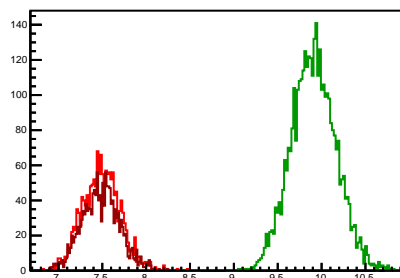
Cycle 8, NegHel

Entries: 2178	Entries: 2914	Entries: 1606
Mean: 7.5049 +/- 0.0047	Mean: 9.8798 +/- 0.0047	Mean: 7.4752 +/- 0.0056
Std Dev: 0.2191 +/- 0.0033	Std Dev: 0.2563 +/- 0.0034	Std Dev: 0.2225 +/- 0.0039



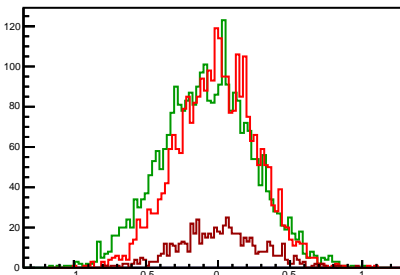
Cycle 9, NegHel

Entries: 1603	Entries: 3754	Entries: 1530
Mean: 7.4902 +/- 0.0054	Mean: 9.9084 +/- 0.0042	Mean: 7.4817 +/- 0.0054
Std Dev: 0.2167 +/- 0.0038	Std Dev: 0.2562 +/- 0.0030	Std Dev: 0.2128 +/- 0.0038



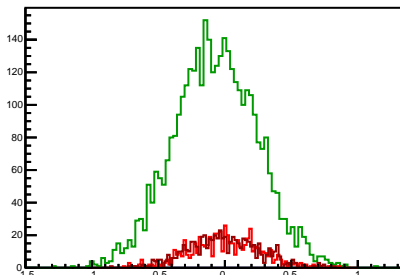
Cycle 1, Diffs

Entries: 2859	Entries: 3006	Entries: 636
Mean: -0.0101 +/- 0.0052	Mean: -0.0738 +/- 0.0058	Mean: 0.0105 +/- 0.0112
Std Dev: 0.2777 +/- 0.0037	Std Dev: 0.3186 +/- 0.0041	Std Dev: 0.2823 +/- 0.0079



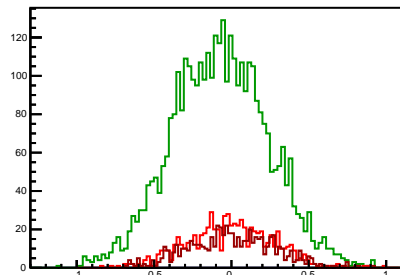
Cycle 2, Diffs

Entries: 611	Entries: 3762	Entries: 630
Mean: -0.0032 +/- 0.0109	Mean: -0.0726 +/- 0.0051	Mean: -0.0056 +/- 0.0107
Std Dev: 0.2687 +/- 0.0077	Std Dev: 0.3141 +/- 0.0036	Std Dev: 0.2696 +/- 0.0076



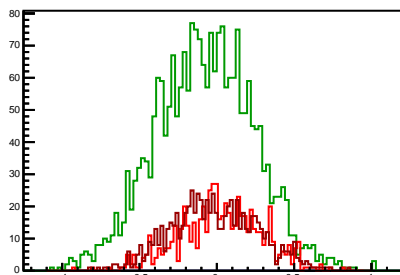
Cycle 3, Diffs

Entries: 716	Entries: 3746	Entries: 626
Mean: -0.0073 +/- 0.0103	Mean: -0.0725 +/- 0.0051	Mean: 0.0023 +/- 0.0112
Std Dev: 0.2753 +/- 0.0073	Std Dev: 0.3105 +/- 0.0036	Std Dev: 0.2800 +/- 0.0079



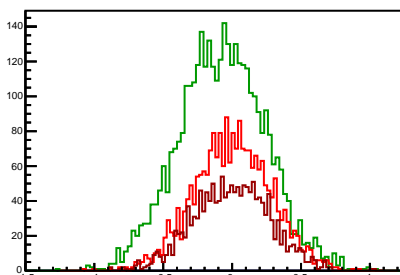
Cycle 4, Diffs

Entries: 628	Entries: 2324	Entries: 748
Mean: 0.0251 +/- 0.0106	Mean: -0.0793 +/- 0.0066	Mean: -0.0151 +/- 0.0102
Std Dev: 0.2669 +/- 0.0075	Std Dev: 0.3178 +/- 0.0047	Std Dev: 0.2801 +/- 0.0072



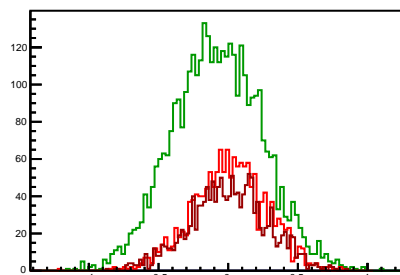
Cycle 5, Diffs

Entries: 2260	Entries: 3750	Entries: 1540
Mean: 0.0018 +/- 0.0059	Mean: -0.0720 +/- 0.0051	Mean: -0.0025 +/- 0.0070
Std Dev: 0.2792 +/- 0.0042	Std Dev: 0.3135 +/- 0.0036	Std Dev: 0.2756 +/- 0.0050



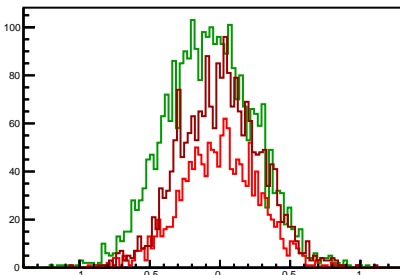
Cycle 6, Diffs

Entries: 1550	Entries: 3758	Entries: 1539
Mean: 0.0073 +/- 0.0068	Mean: -0.0775 +/- 0.0052	Mean: 0.0020 +/- 0.0070
Std Dev: 0.2683 +/- 0.0048	Std Dev: 0.3199 +/- 0.0037	Std Dev: 0.2763 +/- 0.0050



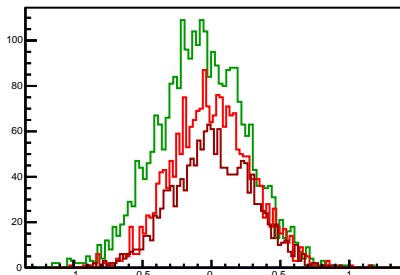
Cycle 7, Diffs

Entries: 1554	Entries: 2946	Entries: 2201
Mean: -0.0040 +/- 0.0070	Mean: -0.0720 +/- 0.0058	Mean: 0.0061 +/- 0.0061
Std Dev: 0.2760 +/- 0.0050	Std Dev: 0.3155 +/- 0.0041	Std Dev: 0.2859 +/- 0.0043



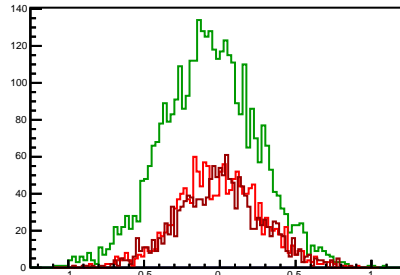
Cycle 8, Diffs

Entries: 2178	Entries: 2914	Entries: 1606
Mean: -0.0047 +/- 0.0061	Mean: -0.0726 +/- 0.0059	Mean: 0.0076 +/- 0.0072
Std Dev: 0.2848 +/- 0.0043	Std Dev: 0.3201 +/- 0.0042	Std Dev: 0.2867 +/- 0.0051



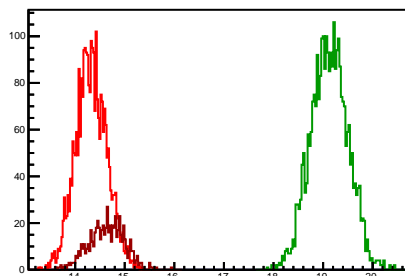
Cycle 9, Diffs

Entries: 1603	Entries: 3754	Entries: 1530
Mean: -0.0041 +/- 0.0068	Mean: -0.0684 +/- 0.0051	Mean: -0.0007 +/- 0.0072
Std Dev: 0.2740 +/- 0.0048	Std Dev: 0.3119 +/- 0.0036	Std Dev: 0.2808 +/- 0.0051



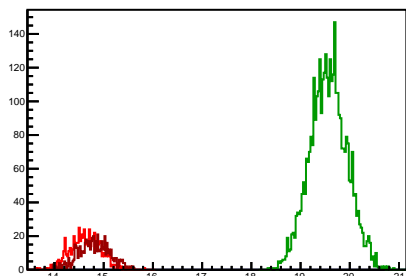
Cycle 1, Sums

Entries: 2859	Entries: 3006	Entries: 636
Mean: 14.3276 +/- 0.0059	Mean: 19.1244 +/- 0.0068	Mean: 14.6334 +/- 0.0114
Std Dev: 0.3151 +/- 0.0042	Std Dev: 0.3747 +/- 0.0048	Std Dev: 0.3553 +/- 0.0100



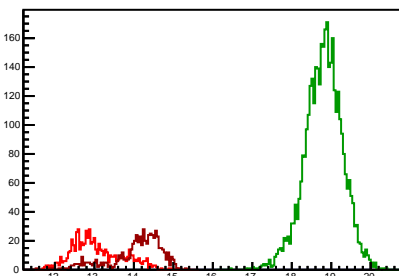
Cycle 2, Sums

Entries: 611	Entries: 3762	Entries: 630
Mean: 14.6286 +/- 0.0127	Mean: 19.5662 +/- 0.0062	Mean: 14.7948 +/- 0.0130
Std Dev: 0.3139 +/- 0.0090	Std Dev: 0.3779 +/- 0.0044	Std Dev: 0.3260 +/- 0.0092



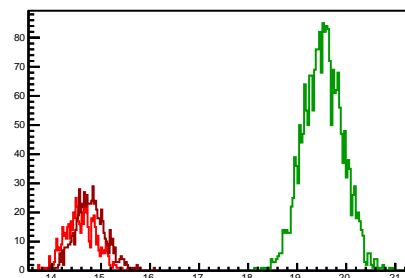
Cycle 3, Sums

Entries: 716	Entries: 3746	Entries: 626
Mean: 13.0737 +/- 0.0238	Mean: 18.8025 +/- 0.0078	Mean: 14.0606 +/- 0.0267
Std Dev: 0.6375 +/- 0.0168	Std Dev: 0.4769 +/- 0.0055	Std Dev: 0.6693 +/- 0.0189



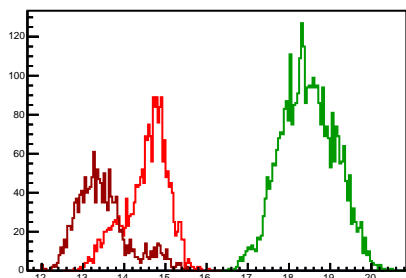
Cycle 4, Sums

Entries: 628	Entries: 2324	Entries: 748
Mean: 14.5942 +/- 0.0125	Mean: 19.5291 +/- 0.0083	Mean: 14.7826 +/- 0.0114
Std Dev: 0.3142 +/- 0.0089	Std Dev: 0.4012 +/- 0.0059	Std Dev: 0.3109 +/- 0.0080



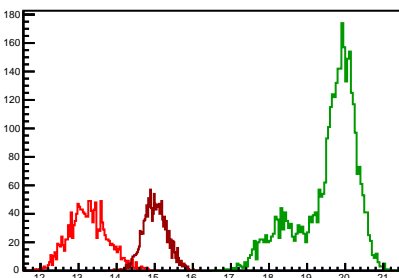
Cycle 5, Sums

Entries: 2260	Entries: 3750	Entries: 1540
Mean: 14.5306 +/- 0.0114	Mean: 18.4620 +/- 0.0107	Mean: 13.4876 +/- 0.0164
Std Dev: 0.5433 +/- 0.0081	Std Dev: 0.6561 +/- 0.0076	Std Dev: 0.6437 +/- 0.0116



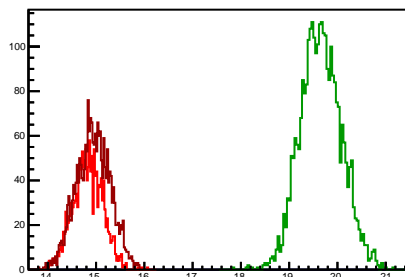
Cycle 6, Sums

Entries: 1550	Entries: 3758	Entries: 1539
Mean: 13.2611 +/- 0.0130	Mean: 19.5528 +/- 0.0128	Mean: 15.0150 +/- 0.0079
Std Dev: 0.5117 +/- 0.0092	Std Dev: 0.7816 +/- 0.0090	Std Dev: 0.3108 +/- 0.0056



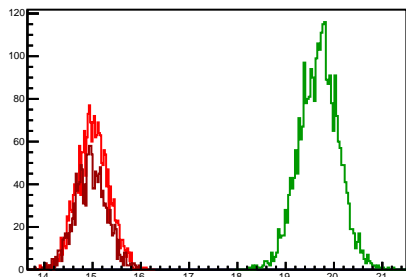
Cycle 7, Sums

Entries: 1554	Entries: 2946	Entries: 2201
Mean: 14.8307 +/- 0.0079	Mean: 19.6571 +/- 0.0078	Mean: 14.9392 +/- 0.0074
Std Dev: 0.3098 +/- 0.0056	Std Dev: 0.4258 +/- 0.0055	Std Dev: 0.3482 +/- 0.0052



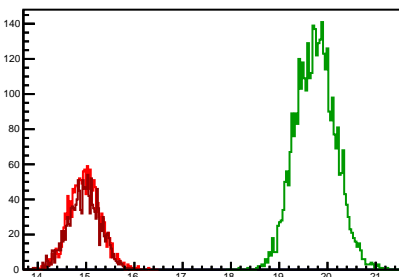
Cycle 8, Sums

Entries: 2178	Entries: 2914	Entries: 1606
Mean: 15.0051 +/- 0.0070	Mean: 19.6869 +/- 0.0075	Mean: 14.9579 +/- 0.0083
Std Dev: 0.3289 +/- 0.0050	Std Dev: 0.4046 +/- 0.0053	Std Dev: 0.3322 +/- 0.0059



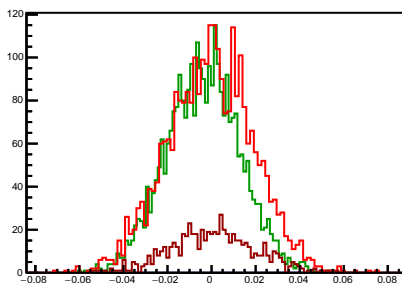
Cycle 9, Sums

Entries: 1603	Entries: 3754	Entries: 1530
Mean: 14.9763 +/- 0.0081	Mean: 19.7484 +/- 0.0067	Mean: 14.9627 +/- 0.0085
Std Dev: 0.3252 +/- 0.0057	Std Dev: 0.4077 +/- 0.0047	Std Dev: 0.3308 +/- 0.0060



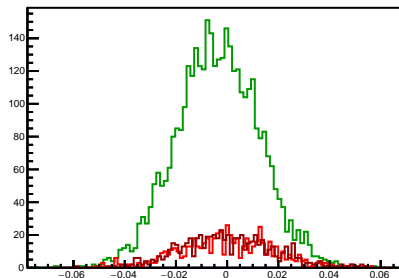
Cycle 1, Asyms

Entries: 2859	Entries: 3006	Entries: 636
Mean: -0.0007 +/- 0.0004	Mean: -0.0039 +/- 0.0003	Mean: 0.0007 +/- 0.0008
Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0166 +/- 0.0002	Std Dev: 0.0193 +/- 0.0005



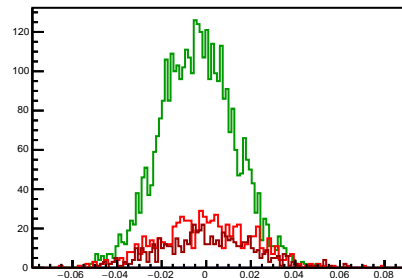
Cycle 2, Asyms

Entries: 611	Entries: 3762	Entries: 630
Mean: -0.0002 +/- 0.0007	Mean: -0.0037 +/- 0.0003	Mean: -0.0004 +/- 0.0007
Std Dev: 0.0183 +/- 0.0005	Std Dev: 0.0160 +/- 0.0002	Std Dev: 0.0182 +/- 0.0005



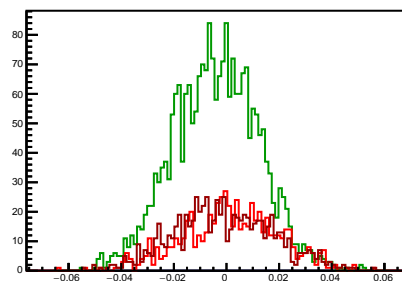
Cycle 3, Asyms

Entries: 716	Entries: 3746	Entries: 626
Mean: -0.0006 +/- 0.0008	Mean: -0.0039 +/- 0.0003	Mean: 0.0002 +/- 0.0008
Std Dev: 0.0210 +/- 0.0006	Std Dev: 0.0165 +/- 0.0002	Std Dev: 0.0199 +/- 0.0006



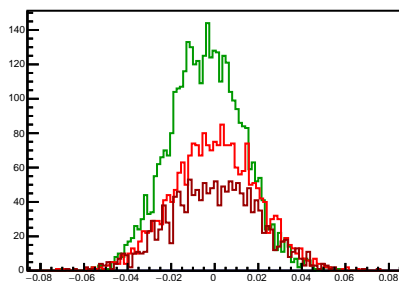
Cycle 4, Asyms

Entries: 628	Entries: 2324	Entries: 748
Mean: 0.0017 +/- 0.0007	Mean: -0.0041 +/- 0.0003	Mean: -0.0010 +/- 0.0007
Std Dev: 0.0183 +/- 0.0005	Std Dev: 0.0163 +/- 0.0002	Std Dev: 0.0189 +/- 0.0005



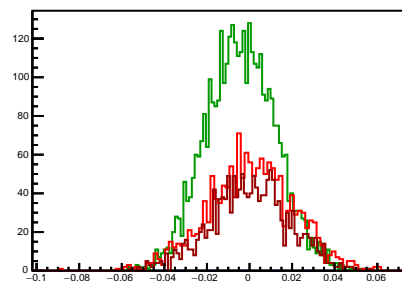
Cycle 5, Asyms

Entries: 2260	Entries: 3750	Entries: 1540
Mean: 0.0001 +/- 0.0004	Mean: -0.0039 +/- 0.0003	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0170 +/- 0.0002	Std Dev: 0.0204 +/- 0.0004



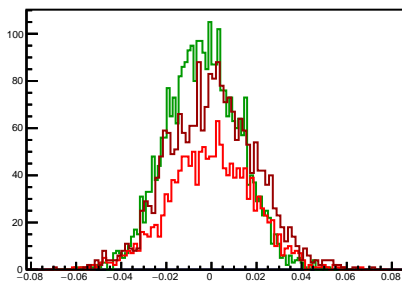
Cycle 6, Asyms

Entries: 1550	Entries: 3758	Entries: 1539
Mean: 0.0005 +/- 0.0005	Mean: -0.0040 +/- 0.0003	Mean: 0.0001 +/- 0.0005
Std Dev: 0.0202 +/- 0.0004	Std Dev: 0.0164 +/- 0.0002	Std Dev: 0.0183 +/- 0.0003



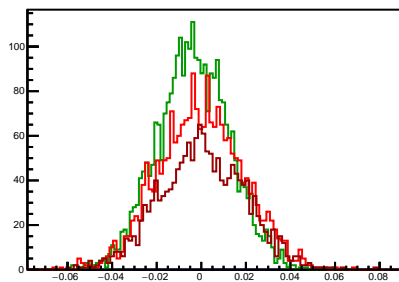
Cycle 7, Asyms

Entries: 1554	Entries: 2946	Entries: 2201
Mean: -0.0003 +/- 0.0005	Mean: -0.0037 +/- 0.0003	Mean: 0.0004 +/- 0.0004
Std Dev: 0.0186 +/- 0.0003	Std Dev: 0.0160 +/- 0.0002	Std Dev: 0.0191 +/- 0.0003



Cycle 8, Asyms

Entries: 2178	Entries: 2914	Entries: 1606
Mean: -0.0003 +/- 0.0004	Mean: -0.0037 +/- 0.0003	Mean: 0.0005 +/- 0.0005
Std Dev: 0.0189 +/- 0.0003	Std Dev: 0.0162 +/- 0.0002	Std Dev: 0.0192 +/- 0.0003



Cycle 9, Asyms

Entries: 1603	Entries: 3754	Entries: 1530
Mean: -0.0003 +/- 0.0005	Mean: -0.0035 +/- 0.0003	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0158 +/- 0.0002	Std Dev: 0.0187 +/- 0.0003

