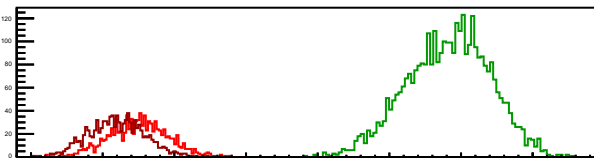


Cycle 1, PosHel

Entries: 1019
 Mean: 6.2515 +/- 0.0065
 Std Dev: 0.2061 +/- 0.0046

Entries: 3603
 Mean: 8.4106 +/- 0.0048
 Std Dev: 0.2900 +/- 0.0034

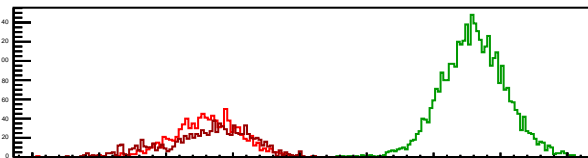
Entries: 1040
 Mean: 6.0988 +/- 0.0061
 Std Dev: 0.1958 +/- 0.0043

**Cycle 2, PosHel**

Entries: 1033
 Mean: 6.3067 +/- 0.0077
 Std Dev: 0.2486 +/- 0.0055

Entries: 3670
 Mean: 8.2988 +/- 0.0040
 Std Dev: 0.2396 +/- 0.0028

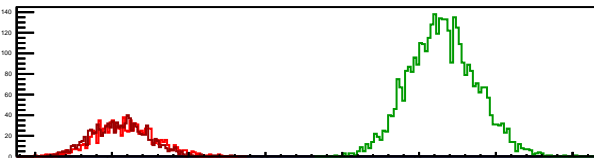
Entries: 1041
 Mean: 6.3073 +/- 0.0102
 Std Dev: 0.3287 +/- 0.0072

**Cycle 3, PosHel**

Entries: 1038
 Mean: 6.5902 +/- 0.0061
 Std Dev: 0.1969 +/- 0.0043

Entries: 3768
 Mean: 8.6530 +/- 0.0036
 Std Dev: 0.2181 +/- 0.0025

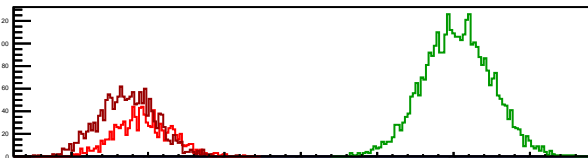
Entries: 1071
 Mean: 6.5545 +/- 0.0056
 Std Dev: 0.1822 +/- 0.0039

**Cycle 4, PosHel**

Entries: 1058
 Mean: 6.4707 +/- 0.0057
 Std Dev: 0.1841 +/- 0.0040

Entries: 3742
 Mean: 8.5253 +/- 0.0037
 Std Dev: 0.2238 +/- 0.0026

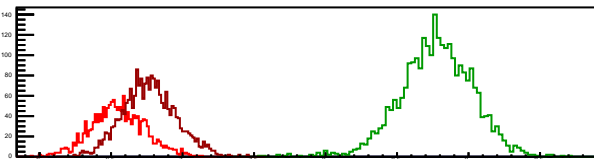
Entries: 1667
 Mean: 6.3667 +/- 0.0046
 Std Dev: 0.1871 +/- 0.0032

**Cycle 5, PosHel**

Entries: 1632
 Mean: 6.5487 +/- 0.0047
 Std Dev: 0.1886 +/- 0.0033

Entries: 2726
 Mean: 8.7735 +/- 0.0049
 Std Dev: 0.2557 +/- 0.0035

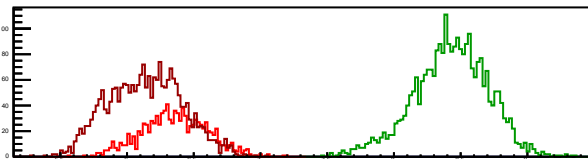
Entries: 2288
 Mean: 6.7686 +/- 0.0039
 Std Dev: 0.1873 +/- 0.0028

**Cycle 6, PosHel**

Entries: 1053
 Mean: 6.3596 +/- 0.0076
 Std Dev: 0.2462 +/- 0.0054

Entries: 2753
 Mean: 8.4252 +/- 0.0053
 Std Dev: 0.2796 +/- 0.0038

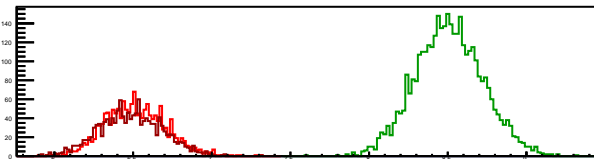
Entries: 2291
 Mean: 6.1406 +/- 0.0058
 Std Dev: 0.2765 +/- 0.0041

**Cycle 7, PosHel**

Entries: 1543
 Mean: 6.5179 +/- 0.0049
 Std Dev: 0.1935 +/- 0.0035

Entries: 3740
 Mean: 8.5084 +/- 0.0035
 Std Dev: 0.2141 +/- 0.0025

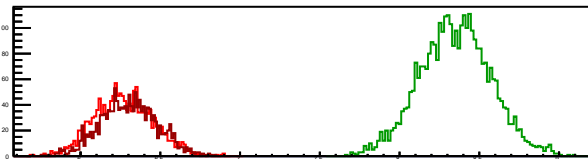
Entries: 1396
 Mean: 6.4844 +/- 0.0054
 Std Dev: 0.2004 +/- 0.0038

**Cycle 8, PosHel**

Entries: 1505
 Mean: 6.2710 +/- 0.0047
 Std Dev: 0.1840 +/- 0.0034

Entries: 3455
 Mean: 8.3495 +/- 0.0038
 Std Dev: 0.2232 +/- 0.0027

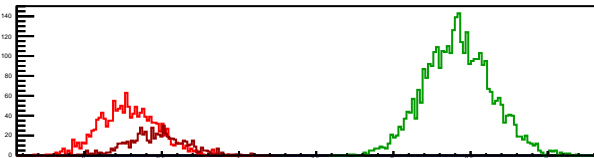
Entries: 1487
 Mean: 6.3024 +/- 0.0046
 Std Dev: 0.1772 +/- 0.0032

**Cycle 9, PosHel**

Entries: 1496
 Mean: 6.2889 +/- 0.0049
 Std Dev: 0.1913 +/- 0.0035

Entries: 3691
 Mean: 8.4178 +/- 0.0036
 Std Dev: 0.2167 +/- 0.0025

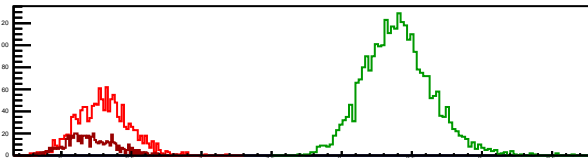
Entries: 679
 Mean: 6.4649 +/- 0.0072
 Std Dev: 0.1882 +/- 0.0051

**Cycle 10, PosHel**

Entries: 1403
 Mean: 6.3013 +/- 0.0050
 Std Dev: 0.1856 +/- 0.0035

Entries: 2964
 Mean: 8.4021 +/- 0.0045
 Std Dev: 0.2427 +/- 0.0032

Entries: 604
 Mean: 6.2079 +/- 0.0072
 Std Dev: 0.1764 +/- 0.0051

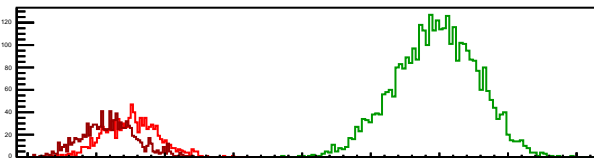


Cycle 1, NegHel

Entries: 1019
 Mean: 6.2527 +/- 0.0062
 Std Dev: 0.1973 +/- 0.0044

Entries: 3603
 Mean: 8.4751 +/- 0.0049
 Std Dev: 0.2965 +/- 0.0035

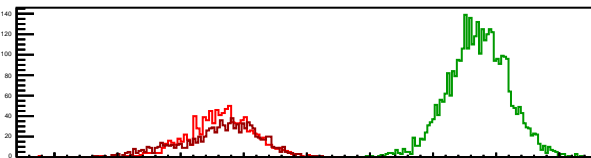
Entries: 1040
 Mean: 6.0990 +/- 0.0062
 Std Dev: 0.2012 +/- 0.0044

**Cycle 2, NegHel**

Entries: 1033
 Mean: 6.3199 +/- 0.0079
 Std Dev: 0.2524 +/- 0.0056

Entries: 3670
 Mean: 8.3592 +/- 0.0039
 Std Dev: 0.2356 +/- 0.0028

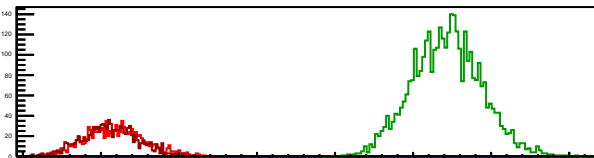
Entries: 1041
 Mean: 6.3113 +/- 0.0096
 Std Dev: 0.3110 +/- 0.0068

**Cycle 3, NegHel**

Entries: 1038
 Mean: 6.5918 +/- 0.0059
 Std Dev: 0.1900 +/- 0.0042

Entries: 3768
 Mean: 8.7155 +/- 0.0036
 Std Dev: 0.2215 +/- 0.0026

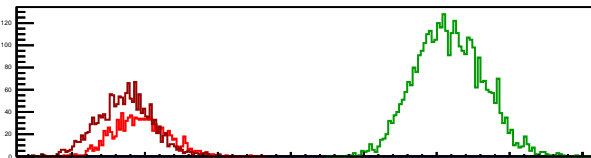
Entries: 1071
 Mean: 6.5577 +/- 0.0055
 Std Dev: 0.1785 +/- 0.0039

**Cycle 4, NegHel**

Entries: 1058
 Mean: 6.4715 +/- 0.0057
 Std Dev: 0.1855 +/- 0.0040

Entries: 3742
 Mean: 8.5854 +/- 0.0038
 Std Dev: 0.2311 +/- 0.0027

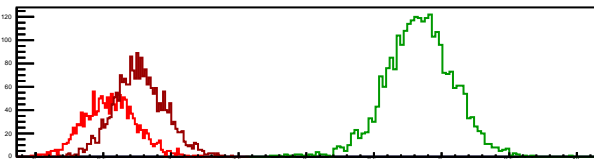
Entries: 1667
 Mean: 6.3648 +/- 0.0046
 Std Dev: 0.1881 +/- 0.0033

**Cycle 5, NegHel**

Entries: 1632
 Mean: 6.5525 +/- 0.0048
 Std Dev: 0.1937 +/- 0.0034

Entries: 2726
 Mean: 8.8378 +/- 0.0048
 Std Dev: 0.2508 +/- 0.0034

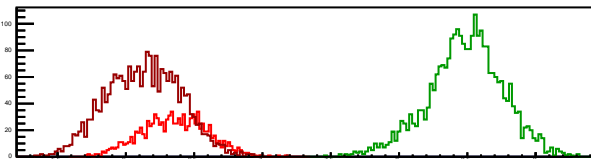
Entries: 2288
 Mean: 6.7706 +/- 0.0040
 Std Dev: 0.1899 +/- 0.0028

**Cycle 6, NegHel**

Entries: 1053
 Mean: 6.3572 +/- 0.0074
 Std Dev: 0.2401 +/- 0.0052

Entries: 2753
 Mean: 8.4860 +/- 0.0052
 Std Dev: 0.2751 +/- 0.0037

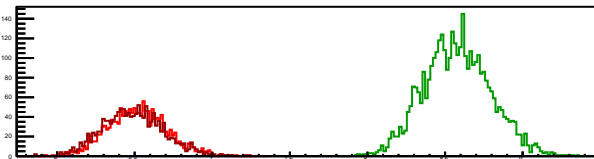
Entries: 2291
 Mean: 6.1314 +/- 0.0057
 Std Dev: 0.2715 +/- 0.0040

**Cycle 7, NegHel**

Entries: 1543
 Mean: 6.2786 +/- 0.0049
 Std Dev: 0.1912 +/- 0.0034

Entries: 3740
 Mean: 8.5784 +/- 0.0035
 Std Dev: 0.2152 +/- 0.0025

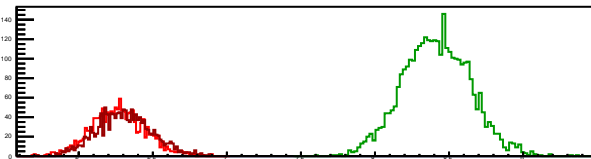
Entries: 1396
 Mean: 6.4893 +/- 0.0052
 Std Dev: 0.1961 +/- 0.0037

**Cycle 8, NegHel**

Entries: 1505
 Mean: 6.2673 +/- 0.0047
 Std Dev: 0.1837 +/- 0.0033

Entries: 3455
 Mean: 8.4141 +/- 0.0039
 Std Dev: 0.2264 +/- 0.0027

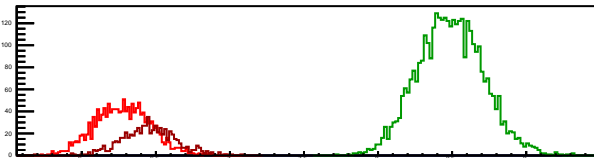
Entries: 1487
 Mean: 6.3091 +/- 0.0048
 Std Dev: 0.1866 +/- 0.0034

**Cycle 9, NegHel**

Entries: 1496
 Mean: 6.2786 +/- 0.0049
 Std Dev: 0.1893 +/- 0.0035

Entries: 3691
 Mean: 8.4883 +/- 0.0037
 Std Dev: 0.2226 +/- 0.0026

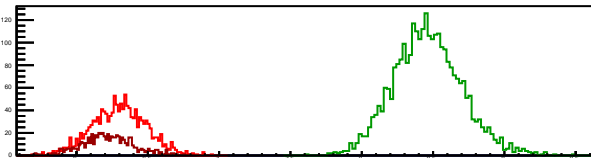
Entries: 679
 Mean: 6.4550 +/- 0.0071
 Std Dev: 0.1843 +/- 0.0050

**Cycle 10, NegHel**

Entries: 1403
 Mean: 6.2990 +/- 0.0051
 Std Dev: 0.1919 +/- 0.0036

Entries: 2964
 Mean: 8.4619 +/- 0.0044
 Std Dev: 0.2415 +/- 0.0031

Entries: 604
 Mean: 6.2192 +/- 0.0073
 Std Dev: 0.1782 +/- 0.0051

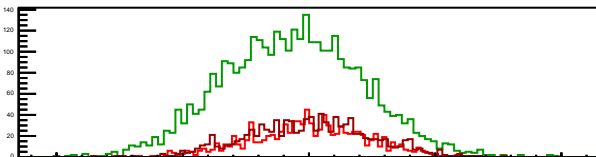


Cycle 1, Diffs

Entries: 1019
 Mean: -0.0012 +/- 0.0073
 Std Dev: 0.2318 +/- 0.0051

Entries: 3603
 Mean: -0.0645 +/- 0.0046
 Std Dev: 0.2765 +/- 0.0033

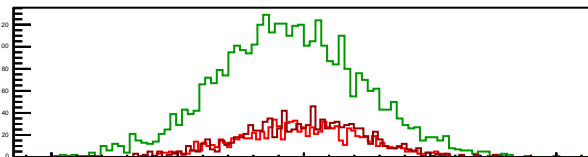
Entries: 1040
 Mean: -0.0002 +/- 0.0076
 Std Dev: 0.2437 +/- 0.0053

**Cycle 2, Diffs**

Entries: 1033
 Mean: -0.0133 +/- 0.0075
 Std Dev: 0.2412 +/- 0.0053

Entries: 3670
 Mean: -0.0604 +/- 0.0047
 Std Dev: 0.2867 +/- 0.0033

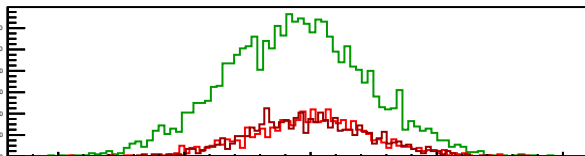
Entries: 1041
 Mean: -0.0039 +/- 0.0075
 Std Dev: 0.2429 +/- 0.0053

**Cycle 3, Diffs**

Entries: 1038
 Mean: -0.0016 +/- 0.0075
 Std Dev: 0.2319 +/- 0.0053

Entries: 3768
 Mean: -0.0625 +/- 0.0046
 Std Dev: 0.2798 +/- 0.0032

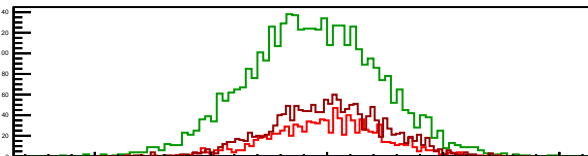
Entries: 1071
 Mean: -0.0032 +/- 0.0073
 Std Dev: 0.2383 +/- 0.0051

**Cycle 4, Diffs**

Entries: 1058
 Mean: -0.0008 +/- 0.0073
 Std Dev: 0.2385 +/- 0.0052

Entries: 3742
 Mean: -0.0601 +/- 0.0046
 Std Dev: 0.2831 +/- 0.0033

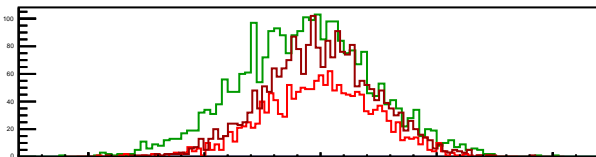
Entries: 1667
 Mean: 0.0018 +/- 0.0059
 Std Dev: 0.2396 +/- 0.0044

**Cycle 5, Diffs**

Entries: 1632
 Mean: -0.0039 +/- 0.0059
 Std Dev: 0.2394 +/- 0.0044

Entries: 2726
 Mean: -0.0643 +/- 0.0055
 Std Dev: 0.2884 +/- 0.0039

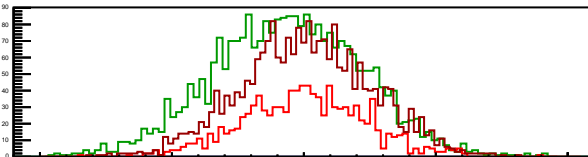
Entries: 2288
 Mean: -0.0020 +/- 0.0050
 Std Dev: 0.2376 +/- 0.0035

**Cycle 6, Diffs**

Entries: 1053
 Mean: 0.0024 +/- 0.0072
 Std Dev: 0.2325 +/- 0.0051

Entries: 2753
 Mean: -0.0608 +/- 0.0054
 Std Dev: 0.2838 +/- 0.0038

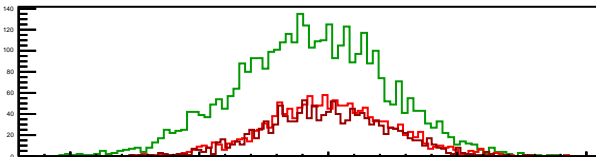
Entries: 2291
 Mean: 0.0092 +/- 0.0052
 Std Dev: 0.2473 +/- 0.0037

**Cycle 7, Diffs**

Entries: 1543
 Mean: 0.0003 +/- 0.0061
 Std Dev: 0.2396 +/- 0.0044

Entries: 3740
 Mean: -0.0700 +/- 0.0047
 Std Dev: 0.2854 +/- 0.0033

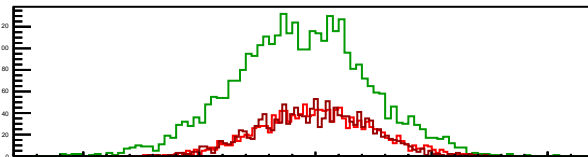
Entries: 1396
 Mean: -0.0050 +/- 0.0063
 Std Dev: 0.2366 +/- 0.0045

**Cycle 8, Diffs**

Entries: 1505
 Mean: 0.0038 +/- 0.0062
 Std Dev: 0.2394 +/- 0.0044

Entries: 3455
 Mean: -0.0646 +/- 0.0049
 Std Dev: 0.2900 +/- 0.0035

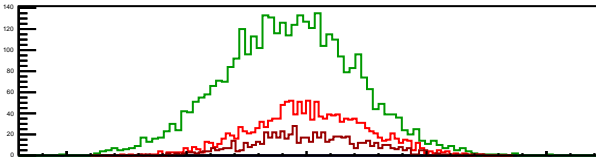
Entries: 1487
 Mean: -0.0068 +/- 0.0061
 Std Dev: 0.2334 +/- 0.0043

**Cycle 9, Diffs**

Entries: 1496
 Mean: 0.0102 +/- 0.0062
 Std Dev: 0.2389 +/- 0.0044

Entries: 3691
 Mean: -0.0705 +/- 0.0045
 Std Dev: 0.2761 +/- 0.0032

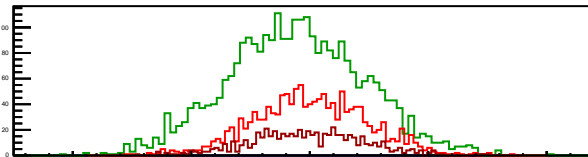
Entries: 679
 Mean: 0.0099 +/- 0.0091
 Std Dev: 0.2376 +/- 0.0064

**Cycle 10, Diffs**

Entries: 1403
 Mean: 0.0023 +/- 0.0064
 Std Dev: 0.2405 +/- 0.0045

Entries: 2964
 Mean: -0.0598 +/- 0.0053
 Std Dev: 0.2878 +/- 0.0037

Entries: 604
 Mean: -0.0113 +/- 0.0098
 Std Dev: 0.2398 +/- 0.0069

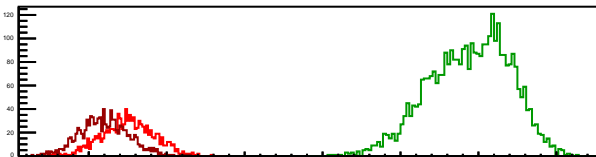


Cycle 1, Sums

Entries: 1019
Mean: 12.5043 +/- 0.0103
Std Dev: 0.3303 +/- 0.0073

Entries: 3603
Mean: 16.8857 +/- 0.0086
Std Dev: 0.5173 +/- 0.0061

Entries: 1040
Mean: 12.1978 +/- 0.0097
Std Dev: 0.3135 +/- 0.0069

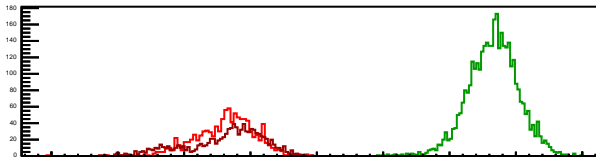


Cycle 2, Sums

Entries: 1033
Mean: 12.6266 +/- 0.0137
Std Dev: 0.4391 +/- 0.0097

Entries: 3670
Mean: 16.6581 +/- 0.0063
Std Dev: 0.3790 +/- 0.0044

Entries: 1041
Mean: 12.6186 +/- 0.0183
Std Dev: 0.5920 +/- 0.0130

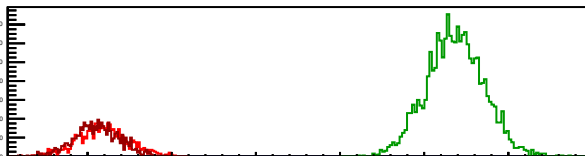


Cycle 3, Sums

Entries: 1038
Mean: 13.1819 +/- 0.0094
Std Dev: 0.3021 +/- 0.0066

Entries: 3768
Mean: 17.3685 +/- 0.0055
Std Dev: 0.3391 +/- 0.0039

Entries: 1071
Mean: 13.1122 +/- 0.0083
Std Dev: 0.2709 +/- 0.0059

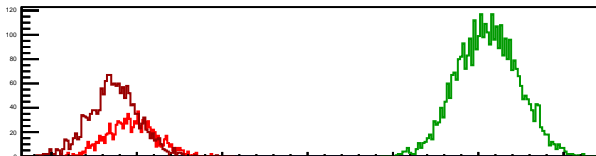


Cycle 4, Sums

Entries: 1058
Mean: 12.9422 +/- 0.0087
Std Dev: 0.2824 +/- 0.0061

Entries: 3742
Mean: 17.1107 +/- 0.0058
Std Dev: 0.3562 +/- 0.0041

Entries: 1667
Mean: 12.7315 +/- 0.0071
Std Dev: 0.2887 +/- 0.0050

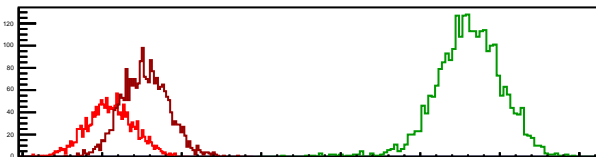


Cycle 5, Sums

Entries: 1632
Mean: 13.1012 +/- 0.0074
Std Dev: 0.2981 +/- 0.0052

Entries: 2726
Mean: 17.6112 +/- 0.0080
Std Dev: 0.4164 +/- 0.0056

Entries: 2288
Mean: 13.5392 +/- 0.0061
Std Dev: 0.2929 +/- 0.0043

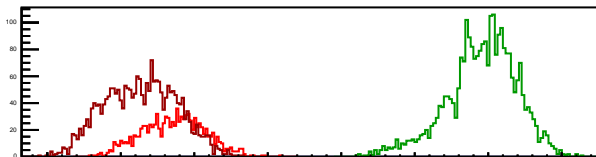


Cycle 6, Sums

Entries: 1053
Mean: 12.7169 +/- 0.0132
Std Dev: 0.4270 +/- 0.0093

Entries: 2753
Mean: 16.9111 +/- 0.0091
Std Dev: 0.4766 +/- 0.0064

Entries: 2291
Mean: 12.2720 +/- 0.0102
Std Dev: 0.4891 +/- 0.0072



Cycle 7, Sums

Entries: 1543
Mean: 13.0355 +/- 0.0077
Std Dev: 0.3009 +/- 0.0054

Entries: 3740
Mean: 17.0868 +/- 0.0052
Std Dev: 0.3207 +/- 0.0037

Entries: 1396
Mean: 12.9737 +/- 0.0085
Std Dev: 0.3182 +/- 0.0060



Cycle 8, Sums

Entries: 1505
Mean: 12.5383 +/- 0.0072
Std Dev: 0.2792 +/- 0.0051

Entries: 3455
Mean: 16.7637 +/- 0.0058
Std Dev: 0.3437 +/- 0.0041

Entries: 1487
Mean: 12.6115 +/- 0.0072
Std Dev: 0.2793 +/- 0.0051

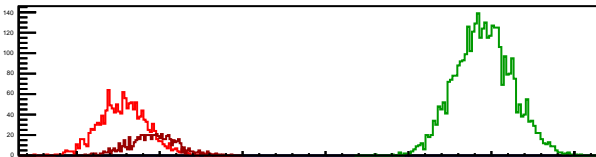


Cycle 9, Sums

Entries: 1496
Mean: 12.5675 +/- 0.0077
Std Dev: 0.2963 +/- 0.0054

Entries: 3691
Mean: 16.9061 +/- 0.0056
Std Dev: 0.3418 +/- 0.0040

Entries: 679
Mean: 12.9199 +/- 0.0110
Std Dev: 0.2870 +/- 0.0078

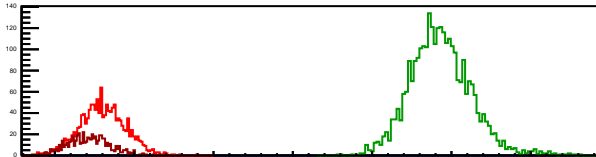


Cycle 10, Sums

Entries: 1403
Mean: 12.6003 +/- 0.0078
Std Dev: 0.2911 +/- 0.0055

Entries: 2964
Mean: 16.8640 +/- 0.0072
Std Dev: 0.3894 +/- 0.0051

Entries: 604
Mean: 12.4270 +/- 0.0106
Std Dev: 0.2612 +/- 0.0075

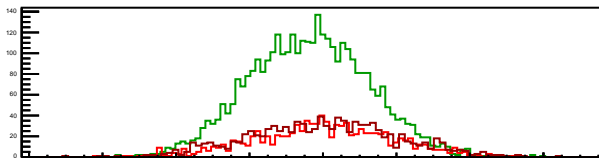


Cycle 1, Asyms

Entries: 1019
Mean: -0.0001 +/- 0.0006
Std Dev: 0.0185 +/- 0.0004

Entries: 3603
Mean: -0.0038 +/- 0.0003
Std Dev: 0.0164 +/- 0.0002

Entries: 1040
Mean: -0.0000 +/- 0.0006
Std Dev: 0.0200 +/- 0.0004

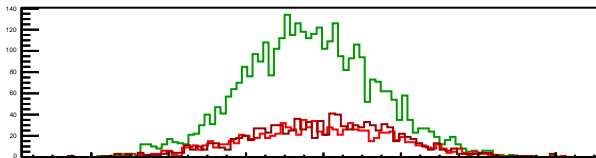


Cycle 2, Asyms

Entries: 1033
Mean: -0.0010 +/- 0.0006
Std Dev: 0.0191 +/- 0.0004

Entries: 3670
Mean: -0.0036 +/- 0.0003
Std Dev: 0.0172 +/- 0.0002

Entries: 1041
Mean: -0.0004 +/- 0.0006
Std Dev: 0.0192 +/- 0.0004

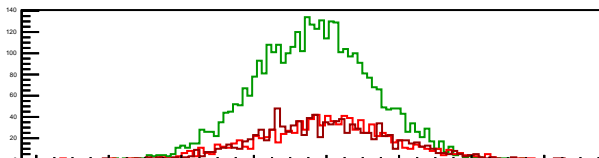


Cycle 3, Asyms

Entries: 1038
Mean: -0.0001 +/- 0.0006
Std Dev: 0.0183 +/- 0.0004

Entries: 3768
Mean: -0.0036 +/- 0.0003
Std Dev: 0.0161 +/- 0.0002

Entries: 1071
Mean: -0.0003 +/- 0.0006
Std Dev: 0.0181 +/- 0.0004

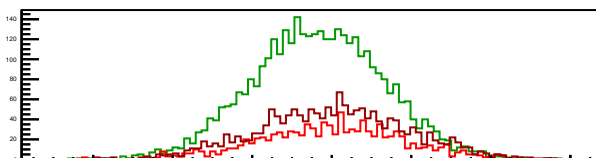


Cycle 4, Asyms

Entries: 1058
Mean: -0.0001 +/- 0.0006
Std Dev: 0.0184 +/- 0.0004

Entries: 3742
Mean: -0.0035 +/- 0.0003
Std Dev: 0.0165 +/- 0.0002

Entries: 1667
Mean: 0.0001 +/- 0.0005
Std Dev: 0.0188 +/- 0.0003

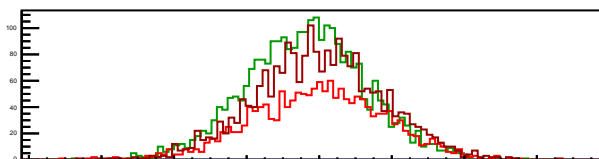


Cycle 5, Asyms

Entries: 1632
Mean: -0.0003 +/- 0.0005
Std Dev: 0.0182 +/- 0.0003

Entries: 2726
Mean: -0.0037 +/- 0.0003
Std Dev: 0.0164 +/- 0.0002

Entries: 2288
Mean: -0.0001 +/- 0.0004
Std Dev: 0.0175 +/- 0.0003

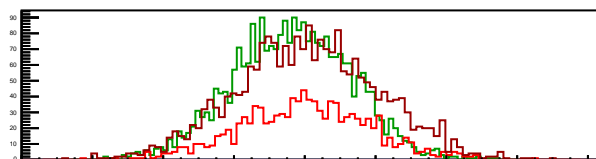


Cycle 6, Asyms

Entries: 1053
Mean: 0.0002 +/- 0.0006
Std Dev: 0.0183 +/- 0.0004

Entries: 2753
Mean: -0.0036 +/- 0.0003
Std Dev: 0.0167 +/- 0.0002

Entries: 2291
Mean: 0.0007 +/- 0.0004
Std Dev: 0.0201 +/- 0.0003

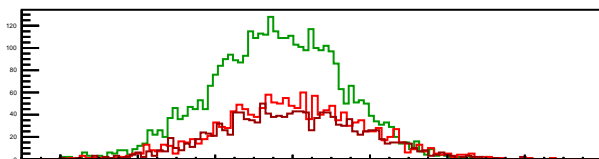


Cycle 7, Asyms

Entries: 1543
Mean: 0.0008 +/- 0.0005
Std Dev: 0.0183 +/- 0.0003

Entries: 3740
Mean: -0.0041 +/- 0.0003
Std Dev: 0.0167 +/- 0.0002

Entries: 1396
Mean: -0.0004 +/- 0.0005
Std Dev: 0.0182 +/- 0.0003

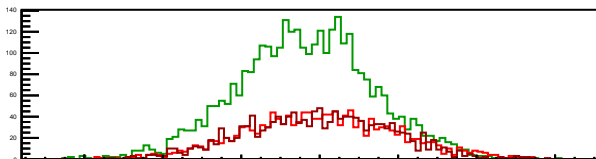


Cycle 8, Asyms

Entries: 1505
Mean: 0.0002 +/- 0.0005
Std Dev: 0.0191 +/- 0.0003

Entries: 3455
Mean: -0.0038 +/- 0.0003
Std Dev: 0.0173 +/- 0.0002

Entries: 1487
Mean: -0.0005 +/- 0.0005
Std Dev: 0.0185 +/- 0.0003

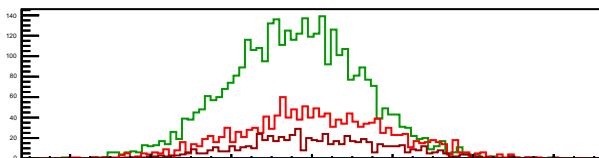


Cycle 9, Asyms

Entries: 1496
Mean: 0.0008 +/- 0.0005
Std Dev: 0.0190 +/- 0.0003

Entries: 3691
Mean: -0.0042 +/- 0.0003
Std Dev: 0.0163 +/- 0.0002

Entries: 679
Mean: 0.0008 +/- 0.0007
Std Dev: 0.0184 +/- 0.0005



Cycle 10, Asyms

Entries: 1403
Mean: 0.0002 +/- 0.0005
Std Dev: 0.0191 +/- 0.0004

Entries: 2964
Mean: -0.0035 +/- 0.0003
Std Dev: 0.0170 +/- 0.0002

Entries: 604
Mean: -0.0009 +/- 0.0008
Std Dev: 0.0193 +/- 0.0006

