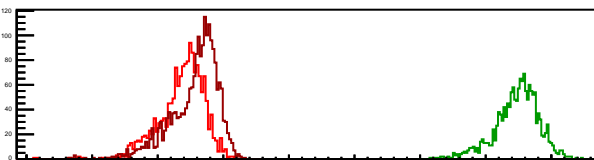


Cycle 1, PosHel

Entries: 1638
 Mean: 5.3640 +/- 0.0086
 Std Dev: 0.3495 +/- 0.0061

Entries: 1578
 Mean: 10.4756 +/- 0.0085
 Std Dev: 0.3373 +/- 0.0060

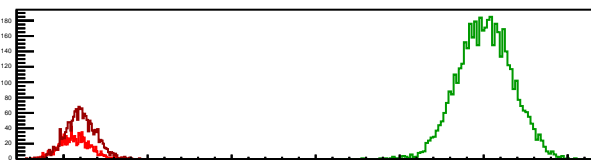
Entries: 2097
 Mean: 5.5613 +/- 0.0081
 Std Dev: 0.3698 +/- 0.0057

**Cycle 2, PosHel**

Entries: 1046
 Mean: 6.1293 +/- 0.0057
 Std Dev: 0.1831 +/- 0.0040

Entries: 4806
 Mean: 11.0145 +/- 0.0047
 Std Dev: 0.3231 +/- 0.0033

Entries: 1657
 Mean: 6.2045 +/- 0.0044
 Std Dev: 0.1803 +/- 0.0031

**Cycle 3, PosHel**

Entries: 1639
 Mean: 6.1583 +/- 0.0044
 Std Dev: 0.1799 +/- 0.0031

Entries: 4686
 Mean: 11.1431 +/- 0.0037
 Std Dev: 0.2504 +/- 0.0026

Entries: 1362
 Mean: 6.1905 +/- 0.0049
 Std Dev: 0.1819 +/- 0.0035

**Cycle 4, PosHel**

Entries: 1160
 Mean: 6.0648 +/- 0.0054
 Std Dev: 0.1840 +/- 0.0038

Entries: 4780
 Mean: 11.1729 +/- 0.0036
 Std Dev: 0.2518 +/- 0.0026

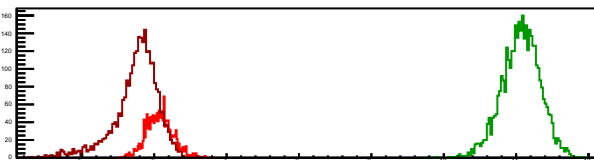
Entries: 1586
 Mean: 6.0940 +/- 0.0045
 Std Dev: 0.1812 +/- 0.0032

**Cycle 5, PosHel**

Entries: 1592
 Mean: 6.0734 +/- 0.0045
 Std Dev: 0.1790 +/- 0.0032

Entries: 3887
 Mean: 11.0670 +/- 0.0042
 Std Dev: 0.2626 +/- 0.0030

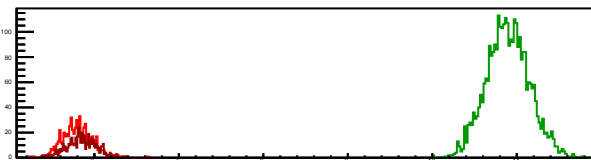
Entries: 2814
 Mean: 5.7510 +/- 0.0058
 Std Dev: 0.3100 +/- 0.0041

**Cycle 6, PosHel**

Entries: 632
 Mean: 5.7968 +/- 0.0071
 Std Dev: 0.1776 +/- 0.0050

Entries: 3183
 Mean: 10.8929 +/- 0.0045
 Std Dev: 0.2525 +/- 0.0032

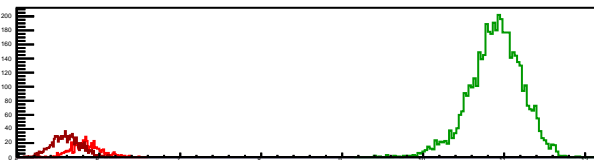
Entries: 571
 Mean: 5.8486 +/- 0.0072
 Std Dev: 0.1711 +/- 0.0051

**Cycle 7, PosHel**

Entries: 571
 Mean: 5.8407 +/- 0.0077
 Std Dev: 0.1836 +/- 0.0054

Entries: 4748
 Mean: 10.8963 +/- 0.0047
 Std Dev: 0.3208 +/- 0.0033

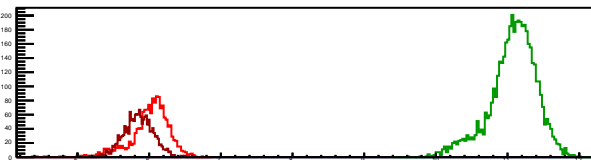
Entries: 1082
 Mean: 5.5944 +/- 0.0054
 Std Dev: 0.1762 +/- 0.0038

**Cycle 8, PosHel**

Entries: 1559
 Mean: 6.0090 +/- 0.0071
 Std Dev: 0.2786 +/- 0.0050

Entries: 4794
 Mean: 11.0755 +/- 0.0048
 Std Dev: 0.3302 +/- 0.0034

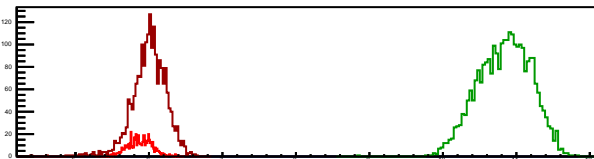
Entries: 1618
 Mean: 5.8522 +/- 0.0051
 Std Dev: 0.2046 +/- 0.0036

**Cycle 9, PosHel**

Entries: 569
 Mean: 5.8790 +/- 0.0069
 Std Dev: 0.1651 +/- 0.0049

Entries: 2817
 Mean: 10.8376 +/- 0.0067
 Std Dev: 0.3577 +/- 0.0048

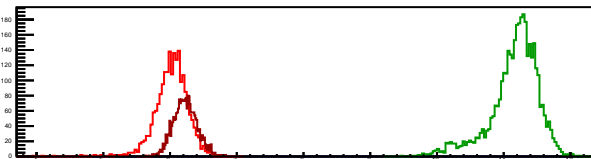
Entries: 2052
 Mean: 6.0004 +/- 0.0052
 Std Dev: 0.2352 +/- 0.0037

**Cycle 10, PosHel**

Entries: 2044
 Mean: 6.0201 +/- 0.0056
 Std Dev: 0.2534 +/- 0.0040

Entries: 3772
 Mean: 11.1561 +/- 0.0060
 Std Dev: 0.3694 +/- 0.0043

Entries: 2289
 Mean: 6.2274 +/- 0.0037
 Std Dev: 0.1778 +/- 0.0026

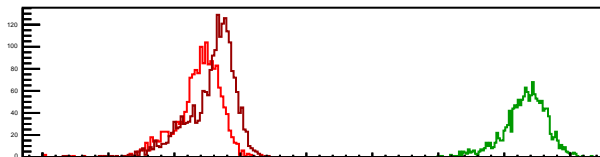


Cycle 1, NegHel

Entries: 1638
 Mean: 5.3721 +/- 0.0085
 Std Dev: 0.3443 +/- 0.0060

Entries: 1578
 Mean: 10.3213 +/- 0.0082
 Std Dev: 0.3250 +/- 0.0058

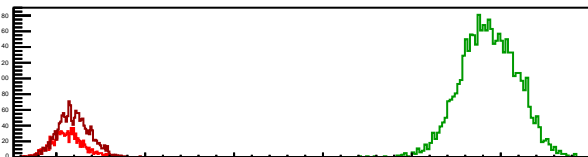
Entries: 2097
 Mean: 5.5596 +/- 0.0082
 Std Dev: 0.3748 +/- 0.0058

**Cycle 2, NegHel**

Entries: 1046
 Mean: 6.1243 +/- 0.0054
 Std Dev: 0.1753 +/- 0.0038

Entries: 4806
 Mean: 10.8662 +/- 0.0046
 Std Dev: 0.3163 +/- 0.0032

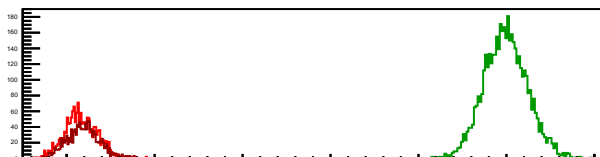
Entries: 1657
 Mean: 6.1987 +/- 0.0045
 Std Dev: 0.1838 +/- 0.0032

**Cycle 3, NegHel**

Entries: 1639
 Mean: 6.1612 +/- 0.0045
 Std Dev: 0.1838 +/- 0.0032

Entries: 4686
 Mean: 10.9908 +/- 0.0036
 Std Dev: 0.2468 +/- 0.0025

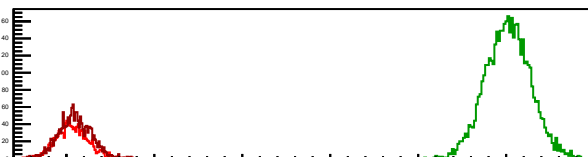
Entries: 1362
 Mean: 6.1902 +/- 0.0050
 Std Dev: 0.1827 +/- 0.0035

**Cycle 4, NegHel**

Entries: 1160
 Mean: 6.0687 +/- 0.0053
 Std Dev: 0.1794 +/- 0.0037

Entries: 4780
 Mean: 11.0210 +/- 0.0037
 Std Dev: 0.2535 +/- 0.0026

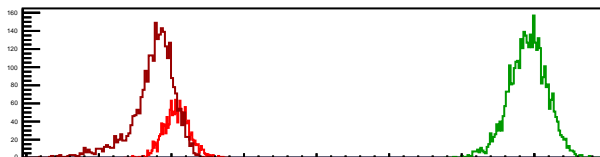
Entries: 1586
 Mean: 6.0968 +/- 0.0046
 Std Dev: 0.1815 +/- 0.0032

**Cycle 5, NegHel**

Entries: 1592
 Mean: 6.0728 +/- 0.0045
 Std Dev: 0.1786 +/- 0.0032

Entries: 3887
 Mean: 10.9131 +/- 0.0042
 Std Dev: 0.2607 +/- 0.0030

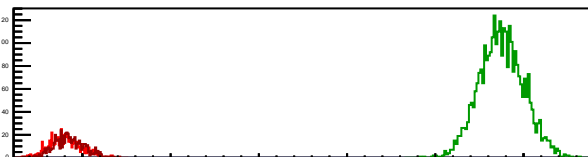
Entries: 2814
 Mean: 5.7511 +/- 0.0058
 Std Dev: 0.3098 +/- 0.0041

**Cycle 6, NegHel**

Entries: 632
 Mean: 5.8061 +/- 0.0071
 Std Dev: 0.1795 +/- 0.0051

Entries: 3183
 Mean: 10.7510 +/- 0.0045
 Std Dev: 0.2528 +/- 0.0032

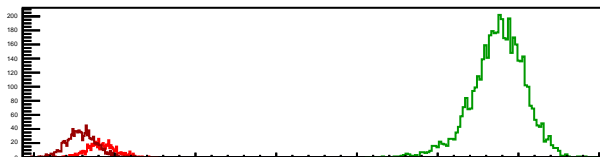
Entries: 571
 Mean: 5.8496 +/- 0.0071
 Std Dev: 0.1706 +/- 0.0050

**Cycle 7, NegHel**

Entries: 571
 Mean: 5.8373 +/- 0.0073
 Std Dev: 0.1739 +/- 0.0051

Entries: 4748
 Mean: 10.7525 +/- 0.0047
 Std Dev: 0.3204 +/- 0.0033

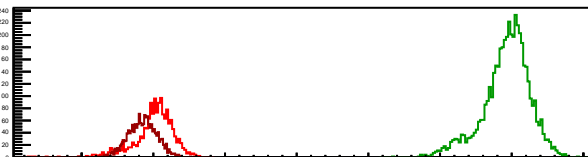
Entries: 1082
 Mean: 5.5903 +/- 0.0055
 Std Dev: 0.1795 +/- 0.0039

**Cycle 8, NegHel**

Entries: 1559
 Mean: 6.0084 +/- 0.0070
 Std Dev: 0.2762 +/- 0.0049

Entries: 4794
 Mean: 10.9269 +/- 0.0047
 Std Dev: 0.3245 +/- 0.0033

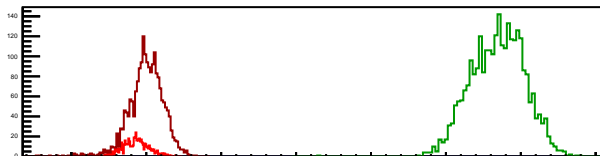
Entries: 1618
 Mean: 5.8489 +/- 0.0049
 Std Dev: 0.1984 +/- 0.0035

**Cycle 9, NegHel**

Entries: 569
 Mean: 5.8636 +/- 0.0072
 Std Dev: 0.1711 +/- 0.0051

Entries: 2817
 Mean: 10.6925 +/- 0.0067
 Std Dev: 0.3563 +/- 0.0047

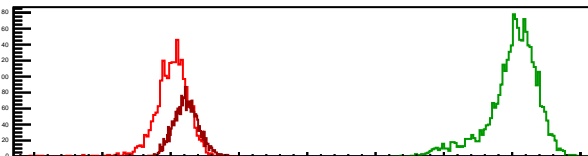
Entries: 2052
 Mean: 5.9966 +/- 0.0052
 Std Dev: 0.2343 +/- 0.0037

**Cycle 10, NegHel**

Entries: 2044
 Mean: 6.0187 +/- 0.0056
 Std Dev: 0.2536 +/- 0.0040

Entries: 3772
 Mean: 11.0100 +/- 0.0060
 Std Dev: 0.3699 +/- 0.0043

Entries: 2289
 Mean: 6.2266 +/- 0.0038
 Std Dev: 0.1810 +/- 0.0027

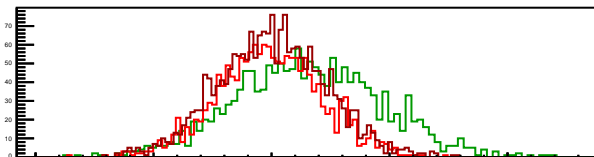


Cycle 1, Diffs

Entries: 1638
Mean: -0.0081 +/- 0.0055
Std Dev: 0.2207 +/- 0.0039

Entries: 1578
Mean: 0.1543 +/- 0.0078
Std Dev: 0.3088 +/- 0.0055

Entries: 2097
Mean: 0.0017 +/- 0.0050
Std Dev: 0.2285 +/- 0.0035

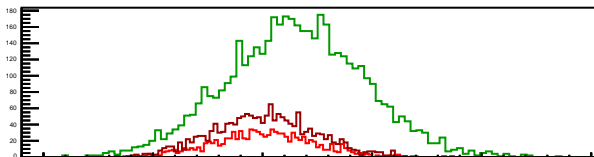


Cycle 2, Diffs

Entries: 1046
Mean: 0.0050 +/- 0.0070
Std Dev: 0.2263 +/- 0.0049

Entries: 4806
Mean: 0.1483 +/- 0.0045
Std Dev: 0.3142 +/- 0.0032

Entries: 1657
Mean: 0.0059 +/- 0.0057
Std Dev: 0.2316 +/- 0.0040

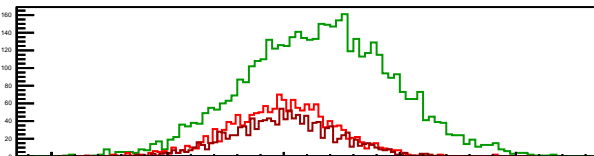


Cycle 3, Diffs

Entries: 1639
Mean: -0.0029 +/- 0.0056
Std Dev: 0.2253 +/- 0.0039

Entries: 4686
Mean: 0.1523 +/- 0.0046
Std Dev: 0.3174 +/- 0.0033

Entries: 1362
Mean: 0.0003 +/- 0.0061
Std Dev: 0.2256 +/- 0.0043

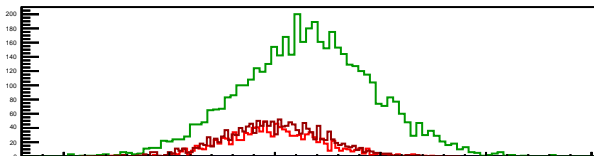


Cycle 4, Diffs

Entries: 1160
Mean: -0.0039 +/- 0.0066
Std Dev: 0.2237 +/- 0.0046

Entries: 4780
Mean: 0.1520 +/- 0.0045
Std Dev: 0.3142 +/- 0.0032

Entries: 1586
Mean: -0.0028 +/- 0.0058
Std Dev: 0.2304 +/- 0.0041

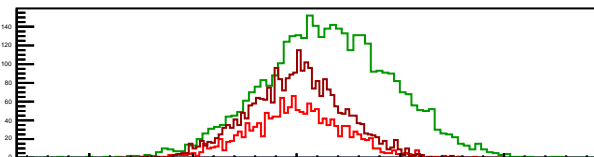


Cycle 5, Diffs

Entries: 1592
Mean: 0.0026 +/- 0.0058
Std Dev: 0.2315 +/- 0.0041

Entries: 3887
Mean: 0.1539 +/- 0.0050
Std Dev: 0.3127 +/- 0.0035

Entries: 2814
Mean: -0.0001 +/- 0.0043
Std Dev: 0.2260 +/- 0.0030

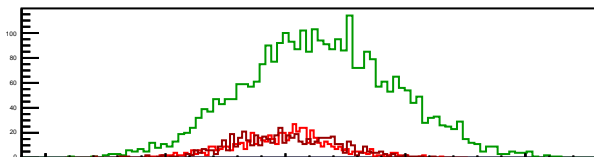


Cycle 6, Diffs

Entries: 632
Mean: -0.0093 +/- 0.0084
Std Dev: 0.2100 +/- 0.0059

Entries: 3183
Mean: 0.1419 +/- 0.0056
Std Dev: 0.3163 +/- 0.0040

Entries: 571
Mean: -0.0009 +/- 0.0092
Std Dev: 0.2196 +/- 0.0065

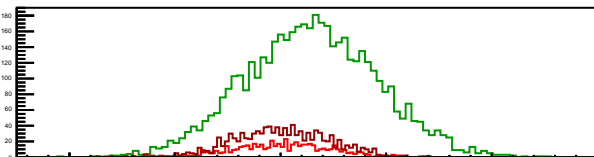


Cycle 7, Diffs

Entries: 571
Mean: 0.0034 +/- 0.0095
Std Dev: 0.2268 +/- 0.0067

Entries: 4748
Mean: 0.1438 +/- 0.0045
Std Dev: 0.3133 +/- 0.0032

Entries: 1082
Mean: 0.0041 +/- 0.0068
Std Dev: 0.2244 +/- 0.0048

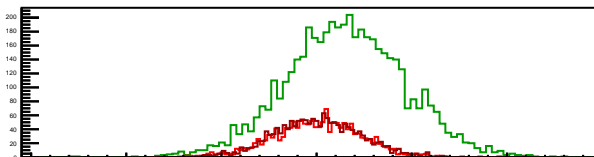


Cycle 8, Diffs

Entries: 1559
Mean: 0.0006 +/- 0.0058
Std Dev: 0.2306 +/- 0.0041

Entries: 4794
Mean: 0.1487 +/- 0.0045
Std Dev: 0.3122 +/- 0.0032

Entries: 1618
Mean: 0.0033 +/- 0.0055
Std Dev: 0.2217 +/- 0.0039

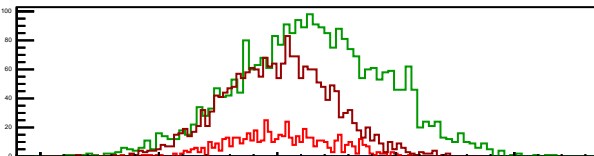


Cycle 9, Diffs

Entries: 569
Mean: 0.0154 +/- 0.0091
Std Dev: 0.2160 +/- 0.0064

Entries: 2817
Mean: 0.1451 +/- 0.0058
Std Dev: 0.3095 +/- 0.0041

Entries: 2052
Mean: 0.0038 +/- 0.0050
Std Dev: 0.2262 +/- 0.0035

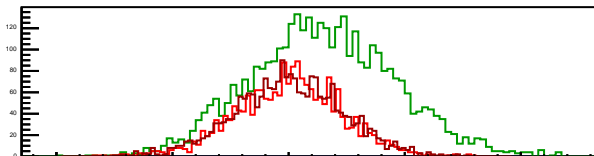


Cycle 10, Diffs

Entries: 2044
Mean: 0.0014 +/- 0.0051
Std Dev: 0.2295 +/- 0.0036

Entries: 3772
Mean: 0.1461 +/- 0.0051
Std Dev: 0.3117 +/- 0.0036

Entries: 2289
Mean: 0.0008 +/- 0.0048
Std Dev: 0.2311 +/- 0.0034

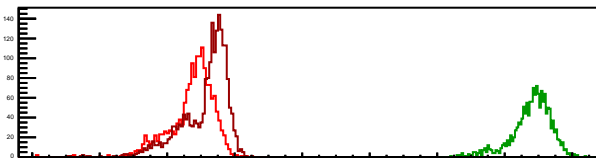


Cycle 1, Sums

Entries: 1638
Mean: 10.7361 +/- 0.0163
Std Dev: 0.6577 +/- 0.0115

Entries: 1578
Mean: 20.7969 +/- 0.0148
Std Dev: 0.5860 +/- 0.0104

Entries: 2097
Mean: 11.1209 +/- 0.0155
Std Dev: 0.7087 +/- 0.0109

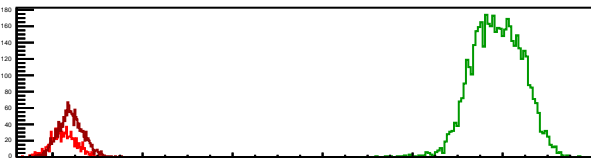


Cycle 2, Sums

Entries: 1046
Mean: 12.2536 +/- 0.0086
Std Dev: 0.2780 +/- 0.0061

Entries: 4806
Mean: 21.8807 +/- 0.0080
Std Dev: 0.5569 +/- 0.0057

Entries: 1657
Mean: 12.4032 +/- 0.0069
Std Dev: 0.2810 +/- 0.0049

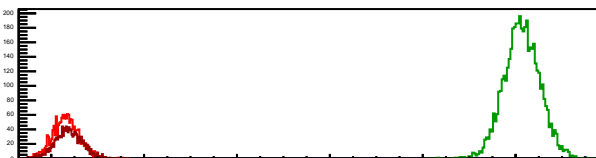


Cycle 3, Sums

Entries: 1639
Mean: 12.3195 +/- 0.0071
Std Dev: 0.2855 +/- 0.0050

Entries: 4686
Mean: 22.1339 +/- 0.0056
Std Dev: 0.3828 +/- 0.0040

Entries: 1362
Mean: 12.3807 +/- 0.0078
Std Dev: 0.2864 +/- 0.0055

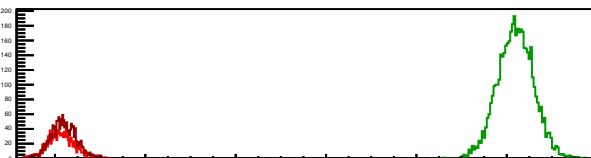


Cycle 4, Sums

Entries: 1160
Mean: 12.1335 +/- 0.0084
Std Dev: 0.2865 +/- 0.0059

Entries: 4780
Mean: 22.1939 +/- 0.0057
Std Dev: 0.3959 +/- 0.0040

Entries: 1586
Mean: 12.1908 +/- 0.0070
Std Dev: 0.2801 +/- 0.0050

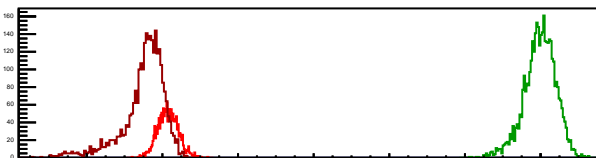


Cycle 5, Sums

Entries: 1592
Mean: 12.1461 +/- 0.0068
Std Dev: 0.2726 +/- 0.0048

Entries: 3887
Mean: 21.9801 +/- 0.0067
Std Dev: 0.4196 +/- 0.0048

Entries: 2814
Mean: 11.5021 +/- 0.0109
Std Dev: 0.5771 +/- 0.0077

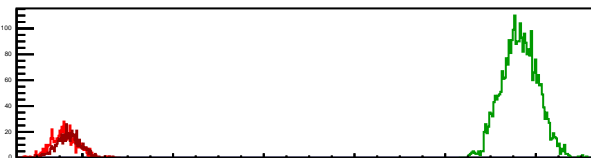


Cycle 6, Sums

Entries: 632
Mean: 11.6030 +/- 0.0115
Std Dev: 0.2889 +/- 0.0081

Entries: 3183
Mean: 21.6439 +/- 0.0070
Std Dev: 0.3940 +/- 0.0049

Entries: 571
Mean: 11.6982 +/- 0.0110
Std Dev: 0.2618 +/- 0.0077

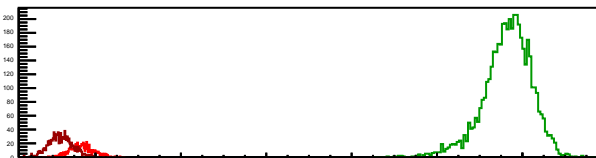


Cycle 7, Sums

Entries: 571
Mean: 11.6779 +/- 0.0116
Std Dev: 0.2766 +/- 0.0082

Entries: 4748
Mean: 21.6488 +/- 0.0081
Std Dev: 0.5595 +/- 0.0057

Entries: 1082
Mean: 11.1846 +/- 0.0084
Std Dev: 0.2760 +/- 0.0059

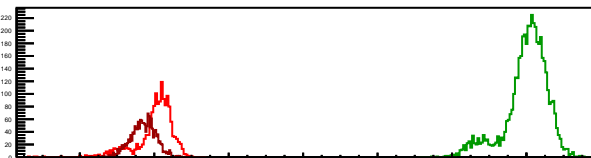


Cycle 8, Sums

Entries: 1559
Mean: 12.0174 +/- 0.0128
Std Dev: 0.5046 +/- 0.0090

Entries: 4794
Mean: 22.0024 +/- 0.0083
Std Dev: 0.5755 +/- 0.0059

Entries: 1618
Mean: 11.7011 +/- 0.0084
Std Dev: 0.3366 +/- 0.0059

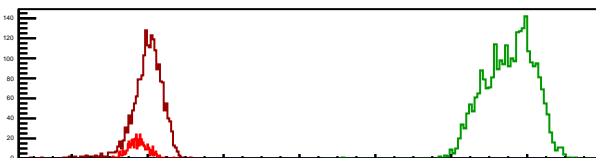


Cycle 9, Sums

Entries: 569
Mean: 11.7426 +/- 0.0108
Std Dev: 0.2576 +/- 0.0076

Entries: 2817
Mean: 21.5300 +/- 0.0121
Std Dev: 0.6435 +/- 0.0086

Entries: 2052
Mean: 11.9970 +/- 0.0091
Std Dev: 0.4114 +/- 0.0064

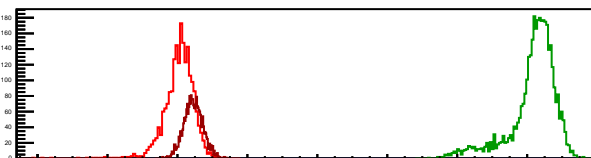


Cycle 10, Sums

Entries: 2044
Mean: 12.0388 +/- 0.0100
Std Dev: 0.4521 +/- 0.0071

Entries: 3772
Mean: 22.1661 +/- 0.0109
Std Dev: 0.6704 +/- 0.0077

Entries: 2289
Mean: 12.4540 +/- 0.0057
Std Dev: 0.2745 +/- 0.0041

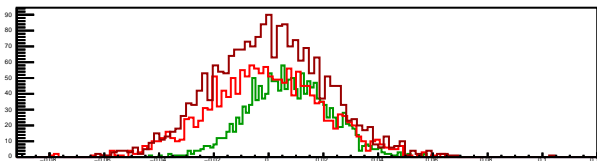


Cycle 1, Asyms

Entries: 1638
Mean: -0.0008 +/- 0.0005
Std Dev: 0.0207 +/- 0.0004

Entries: 1578
Mean: 0.0074 +/- 0.0004
Std Dev: 0.0148 +/- 0.0003

Entries: 2097
Mean: 0.0002 +/- 0.0005
Std Dev: 0.0207 +/- 0.0003

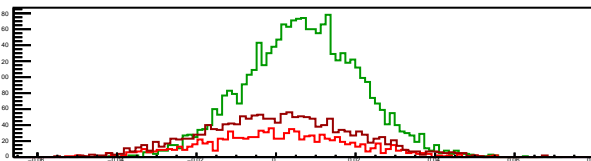


Cycle 2, Asyms

Entries: 1046
Mean: 0.0004 +/- 0.0006
Std Dev: 0.0184 +/- 0.0004

Entries: 4806
Mean: 0.0068 +/- 0.0002
Std Dev: 0.0144 +/- 0.0001

Entries: 1657
Mean: 0.0005 +/- 0.0005
Std Dev: 0.0187 +/- 0.0003

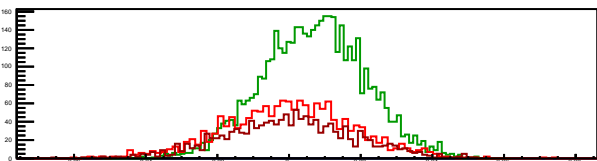


Cycle 3, Asyms

Entries: 1639
Mean: -0.0002 +/- 0.0005
Std Dev: 0.0182 +/- 0.0003

Entries: 4686
Mean: 0.0069 +/- 0.0002
Std Dev: 0.0143 +/- 0.0001

Entries: 1362
Mean: 0.0000 +/- 0.0005
Std Dev: 0.0182 +/- 0.0003

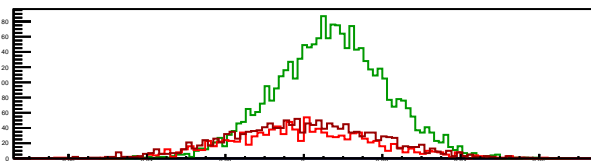


Cycle 4, Asyms

Entries: 1160
Mean: -0.0003 +/- 0.0005
Std Dev: 0.0184 +/- 0.0004

Entries: 4780
Mean: 0.0069 +/- 0.0002
Std Dev: 0.0142 +/- 0.0001

Entries: 1586
Mean: -0.0002 +/- 0.0005
Std Dev: 0.0189 +/- 0.0003

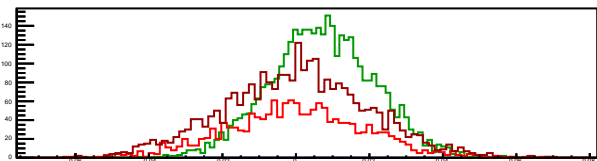


Cycle 5, Asyms

Entries: 1592
Mean: 0.0001 +/- 0.0005
Std Dev: 0.0190 +/- 0.0003

Entries: 3887
Mean: 0.0070 +/- 0.0002
Std Dev: 0.0142 +/- 0.0002

Entries: 2814
Mean: -0.0000 +/- 0.0004
Std Dev: 0.0197 +/- 0.0003

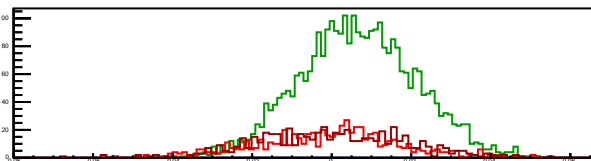


Cycle 6, Asyms

Entries: 632
Mean: -0.0008 +/- 0.0007
Std Dev: 0.0180 +/- 0.0005

Entries: 3183
Mean: 0.0068 +/- 0.0003
Std Dev: 0.0146 +/- 0.0002

Entries: 571
Mean: -0.0001 +/- 0.0008
Std Dev: 0.0188 +/- 0.0006

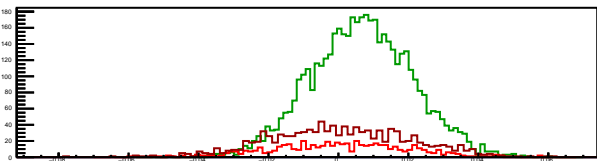


Cycle 7, Asyms

Entries: 571
Mean: 0.0013 +/- 0.0008
Std Dev: 0.0194 +/- 0.0006

Entries: 4748
Mean: 0.0066 +/- 0.0002
Std Dev: 0.0145 +/- 0.0001

Entries: 1082
Mean: 0.0004 +/- 0.0006
Std Dev: 0.0200 +/- 0.0004

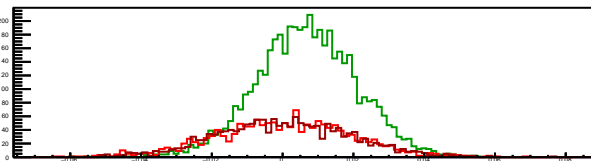


Cycle 8, Asyms

Entries: 1559
Mean: 0.0000 +/- 0.0005
Std Dev: 0.0192 +/- 0.0003

Entries: 4794
Mean: 0.0068 +/- 0.0002
Std Dev: 0.0142 +/- 0.0001

Entries: 1618
Mean: 0.0003 +/- 0.0005
Std Dev: 0.0189 +/- 0.0003

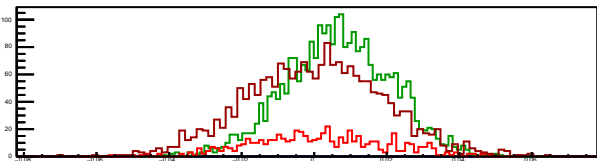


Cycle 9, Asyms

Entries: 569
Mean: 0.0013 +/- 0.0008
Std Dev: 0.0184 +/- 0.0005

Entries: 2817
Mean: 0.0067 +/- 0.0003
Std Dev: 0.0144 +/- 0.0002

Entries: 2052
Mean: 0.0003 +/- 0.0004
Std Dev: 0.0189 +/- 0.0003



Cycle 10, Asyms

Entries: 2044
Mean: 0.0001 +/- 0.0004
Std Dev: 0.0190 +/- 0.0003

Entries: 3772
Mean: 0.0066 +/- 0.0002
Std Dev: 0.0141 +/- 0.0002

Entries: 2289
Mean: 0.0001 +/- 0.0004
Std Dev: 0.0185 +/- 0.0003

