

Cycle 1, PosHel

Entries: 571
Mean: 7.0535 +/- 0.0064
Std Dev: 0.1519 +/- 0.0045

Entries: 1788
Mean: 11.3854 +/- 0.0068
Std Dev: 0.2879 +/- 0.0048

Entries: 682
Mean: 7.1340 +/- 0.0057
Std Dev: 0.1477 +/- 0.0040

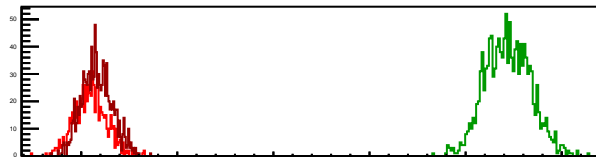


Cycle 2, PosHel

Entries: 699
Mean: 7.0967 +/- 0.0064
Std Dev: 0.1690 +/- 0.0045

Entries: 1379
Mean: 11.4380 +/- 0.0063
Std Dev: 0.2357 +/- 0.0045

Entries: 1086
Mean: 7.1646 +/- 0.0047
Std Dev: 0.1558 +/- 0.0033



Cycle 3, PosHel

Entries: 1071
Mean: 7.1922 +/- 0.0047
Std Dev: 0.1540 +/- 0.0033

Entries: 4267
Mean: 11.5078 +/- 0.0039
Std Dev: 0.2544 +/- 0.0028

Entries: 1261
Mean: 7.2537 +/- 0.0042
Std Dev: 0.1480 +/- 0.0029



Cycle 4, PosHel

Entries: 1035
Mean: 7.2934 +/- 0.0052
Std Dev: 0.1682 +/- 0.0037

Entries: 1001
Mean: 11.4258 +/- 0.0088
Std Dev: 0.2797 +/- 0.0063

Entries: 2210
Mean: 7.2243 +/- 0.0035
Std Dev: 0.1648 +/- 0.0025

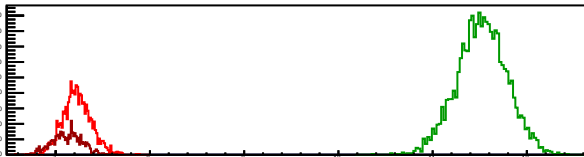


Cycle 5, PosHel

Entries: 2180
Mean: 7.2256 +/- 0.0032
Std Dev: 0.1517 +/- 0.0023

Entries: 4680
Mean: 11.5215 +/- 0.0039
Std Dev: 0.2658 +/- 0.0027

Entries: 864
Mean: 7.1212 +/- 0.0054
Std Dev: 0.1593 +/- 0.0038

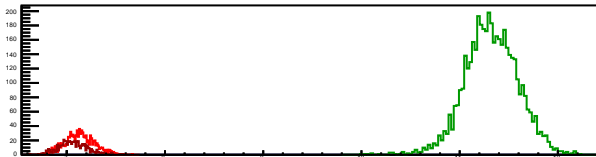


Cycle 6, PosHel

Entries: 957
Mean: 7.1357 +/- 0.0049
Std Dev: 0.1516 +/- 0.0035

Entries: 4558
Mean: 11.3223 +/- 0.0040
Std Dev: 0.2711 +/- 0.0028

Entries: 556
Mean: 7.0638 +/- 0.0061
Std Dev: 0.1449 +/- 0.0043



Cycle 7, PosHel

Entries: 558
Mean: 7.1115 +/- 0.0061
Std Dev: 0.1435 +/- 0.0043

Entries: 3338
Mean: 11.3327 +/- 0.0047
Std Dev: 0.2714 +/- 0.0033

Entries: 1641
Mean: 7.1194 +/- 0.0039
Std Dev: 0.1595 +/- 0.0028



Cycle 8, PosHel

Entries: 1296
Mean: 7.2687 +/- 0.0042
Std Dev: 0.1507 +/- 0.0030

Entries: 1929
Mean: 11.5765 +/- 0.0056
Std Dev: 0.2456 +/- 0.0040

Entries: 917
Mean: 7.1791 +/- 0.0048
Std Dev: 0.1451 +/- 0.0034

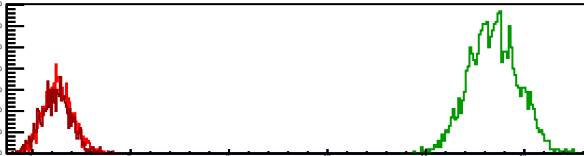


Cycle 9, PosHel

Entries: 1124
Mean: 7.2629 +/- 0.0044
Std Dev: 0.1473 +/- 0.0031

Entries: 2012
Mean: 11.6888 +/- 0.0056
Std Dev: 0.2497 +/- 0.0039

Entries: 908
Mean: 7.2419 +/- 0.0051
Std Dev: 0.1526 +/- 0.0036

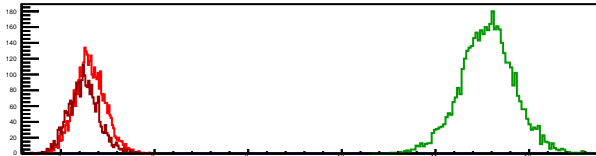


Cycle 10, PosHel

Entries: 3635
Mean: 7.3103 +/- 0.0026
Std Dev: 0.1595 +/- 0.0019

Entries: 4619
Mean: 11.5518 +/- 0.0042
Std Dev: 0.2880 +/- 0.0030

Entries: 2437
Mean: 7.2445 +/- 0.0033
Std Dev: 0.1619 +/- 0.0023

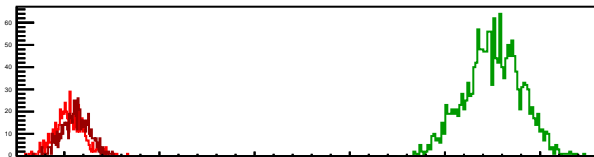


Cycle 1, NegHel

Entries: 571
 Mean: 7.0515 +/- 0.0065
 Std Dev: 0.1553 +/- 0.0046

Entries: 1788
 Mean: 11.5047 +/- 0.0069
 Std Dev: 0.2934 +/- 0.0049

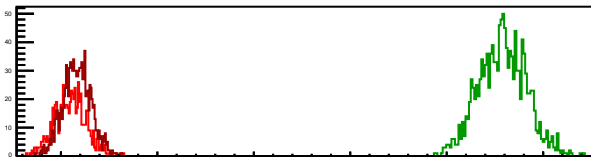
Entries: 682
 Mean: 7.1212 +/- 0.0055
 Std Dev: 0.1436 +/- 0.0039

**Cycle 2, NegHel**

Entries: 699
 Mean: 7.0976 +/- 0.0062
 Std Dev: 0.1651 +/- 0.0044

Entries: 1379
 Mean: 11.5779 +/- 0.0066
 Std Dev: 0.2451 +/- 0.0047

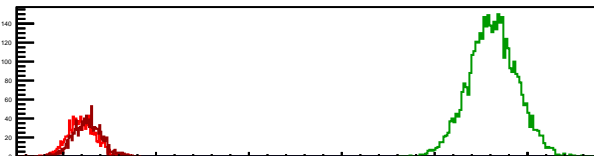
Entries: 1086
 Mean: 7.1656 +/- 0.0044
 Std Dev: 0.1438 +/- 0.0031

**Cycle 3, NegHel**

Entries: 1071
 Mean: 7.2019 +/- 0.0047
 Std Dev: 0.1529 +/- 0.0033

Entries: 4267
 Mean: 11.6243 +/- 0.0039
 Std Dev: 0.2572 +/- 0.0028

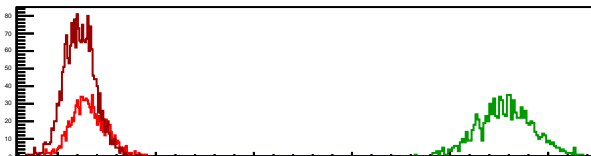
Entries: 1261
 Mean: 7.2589 +/- 0.0041
 Std Dev: 0.1471 +/- 0.0029

**Cycle 4, NegHel**

Entries: 1035
 Mean: 7.3120 +/- 0.0054
 Std Dev: 0.1731 +/- 0.0038

Entries: 1001
 Mean: 11.5669 +/- 0.0088
 Std Dev: 0.2790 +/- 0.0062

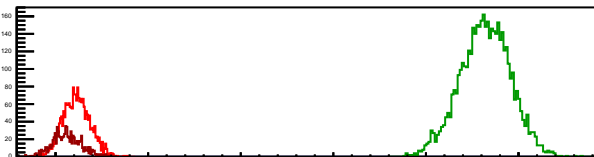
Entries: 2210
 Mean: 7.2237 +/- 0.0034
 Std Dev: 0.1592 +/- 0.0024

**Cycle 5, NegHel**

Entries: 2180
 Mean: 7.2268 +/- 0.0031
 Std Dev: 0.1460 +/- 0.0022

Entries: 4680
 Mean: 11.6400 +/- 0.0040
 Std Dev: 0.2715 +/- 0.0028

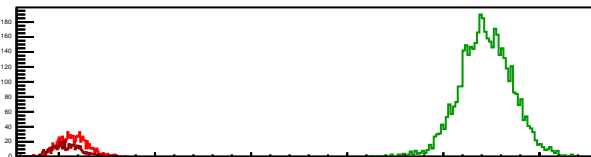
Entries: 864
 Mean: 7.1226 +/- 0.0053
 Std Dev: 0.1559 +/- 0.0038

**Cycle 6, NegHel**

Entries: 957
 Mean: 7.1462 +/- 0.0049
 Std Dev: 0.1531 +/- 0.0035

Entries: 4558
 Mean: 11.4442 +/- 0.0040
 Std Dev: 0.2716 +/- 0.0028

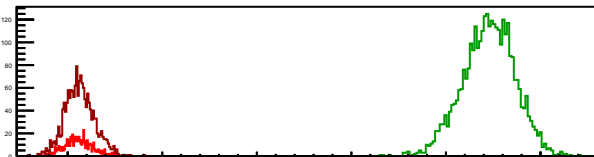
Entries: 556
 Mean: 7.0838 +/- 0.0067
 Std Dev: 0.1573 +/- 0.0047

**Cycle 7, NegHel**

Entries: 558
 Mean: 7.1114 +/- 0.0063
 Std Dev: 0.1494 +/- 0.0045

Entries: 3338
 Mean: 11.4523 +/- 0.0048
 Std Dev: 0.2762 +/- 0.0034

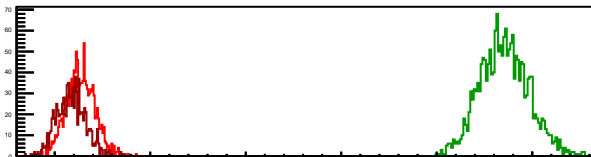
Entries: 1641
 Mean: 7.1237 +/- 0.0038
 Std Dev: 0.1555 +/- 0.0027

**Cycle 8, NegHel**

Entries: 1296
 Mean: 7.2694 +/- 0.0041
 Std Dev: 0.1471 +/- 0.0029

Entries: 1929
 Mean: 11.7071 +/- 0.0058
 Std Dev: 0.2551 +/- 0.0041

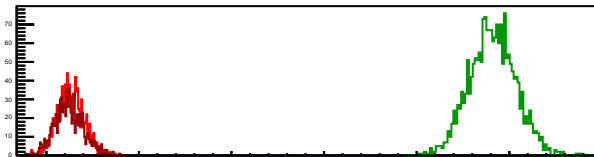
Entries: 917
 Mean: 7.1720 +/- 0.0051
 Std Dev: 0.1530 +/- 0.0036

**Cycle 9, NegHel**

Entries: 1124
 Mean: 7.2612 +/- 0.0043
 Std Dev: 0.1427 +/- 0.0030

Entries: 2012
 Mean: 11.8190 +/- 0.0056
 Std Dev: 0.2498 +/- 0.0039

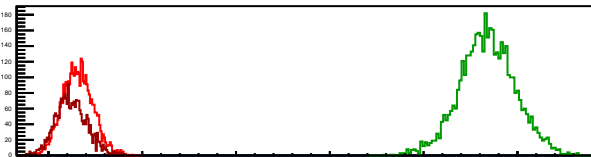
Entries: 908
 Mean: 7.2451 +/- 0.0051
 Std Dev: 0.1548 +/- 0.0036

**Cycle 10, NegHel**

Entries: 3635
 Mean: 7.3122 +/- 0.0027
 Std Dev: 0.1607 +/- 0.0019

Entries: 4619
 Mean: 11.6799 +/- 0.0044
 Std Dev: 0.2964 +/- 0.0031

Entries: 2437
 Mean: 7.2439 +/- 0.0034
 Std Dev: 0.1667 +/- 0.0024

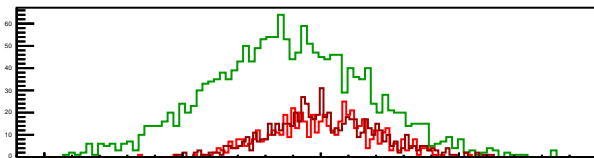


Cycle 1, Diffs

Entries: 571
Mean: 0.0020 +/- 0.0078
Std Dev: 0.1852 +/- 0.0055

Entries: 1788
Mean: -0.1193 +/- 0.0068
Std Dev: 0.2859 +/- 0.0048

Entries: 682
Mean: 0.0127 +/- 0.0076
Std Dev: 0.1973 +/- 0.0053

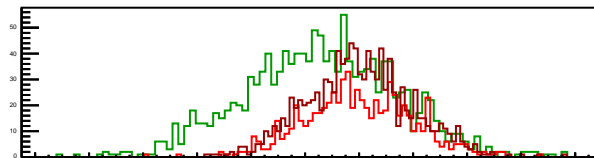


Cycle 2, Diffs

Entries: 699
Mean: -0.0009 +/- 0.0076
Std Dev: 0.2006 +/- 0.0054

Entries: 1379
Mean: -0.1399 +/- 0.0076
Std Dev: 0.2821 +/- 0.0054

Entries: 1086
Mean: -0.0010 +/- 0.0058
Std Dev: 0.1916 +/- 0.0041

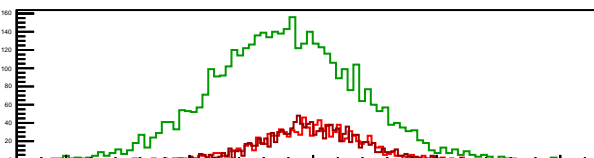


Cycle 3, Diffs

Entries: 1071
Mean: -0.0097 +/- 0.0058
Std Dev: 0.1910 +/- 0.0041

Entries: 4267
Mean: -0.1165 +/- 0.0044
Std Dev: 0.2860 +/- 0.0031

Entries: 1261
Mean: -0.0052 +/- 0.0052
Std Dev: 0.1838 +/- 0.0037

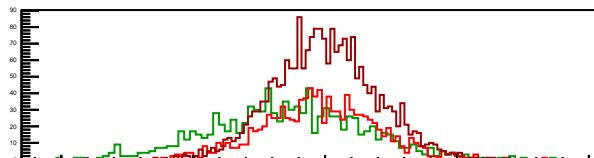


Cycle 4, Diffs

Entries: 1035
Mean: -0.0186 +/- 0.0066
Std Dev: 0.2118 +/- 0.0047

Entries: 1001
Mean: -0.1410 +/- 0.0090
Std Dev: 0.2839 +/- 0.0063

Entries: 2210
Mean: 0.0006 +/- 0.0041
Std Dev: 0.1905 +/- 0.0029

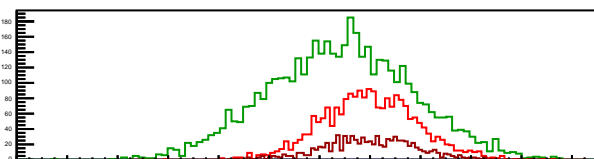


Cycle 5, Diffs

Entries: 2180
Mean: -0.0011 +/- 0.0041
Std Dev: 0.1897 +/- 0.0029

Entries: 4680
Mean: -0.1185 +/- 0.0042
Std Dev: 0.2848 +/- 0.0029

Entries: 864
Mean: -0.0013 +/- 0.0063
Std Dev: 0.1848 +/- 0.0044

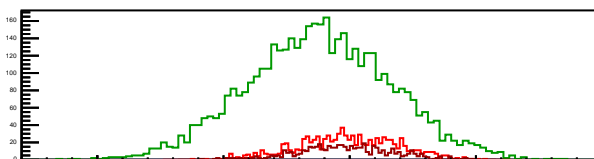


Cycle 6, Diffs

Entries: 957
Mean: -0.0105 +/- 0.0064
Std Dev: 0.1967 +/- 0.0045

Entries: 4558
Mean: -0.1220 +/- 0.0042
Std Dev: 0.2858 +/- 0.0030

Entries: 556
Mean: -0.0201 +/- 0.0081
Std Dev: 0.1906 +/- 0.0057

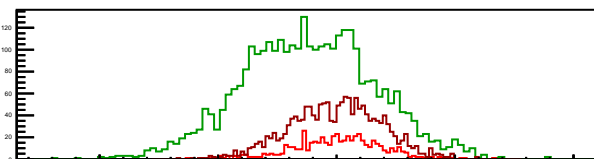


Cycle 7, Diffs

Entries: 558
Mean: 0.0001 +/- 0.0080
Std Dev: 0.1892 +/- 0.0057

Entries: 3338
Mean: -0.1196 +/- 0.0048
Std Dev: 0.2797 +/- 0.0034

Entries: 1641
Mean: -0.0043 +/- 0.0047
Std Dev: 0.1923 +/- 0.0034

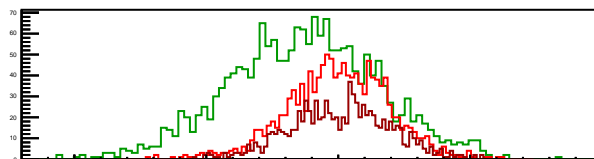


Cycle 8, Diffs

Entries: 1296
Mean: -0.0007 +/- 0.0053
Std Dev: 0.1912 +/- 0.0038

Entries: 1929
Mean: -0.1306 +/- 0.0064
Std Dev: 0.2825 +/- 0.0045

Entries: 917
Mean: 0.0071 +/- 0.0062
Std Dev: 0.1887 +/- 0.0044

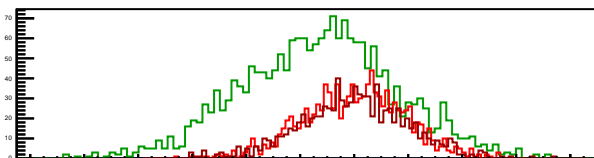


Cycle 9, Diffs

Entries: 1124
Mean: 0.0016 +/- 0.0056
Std Dev: 0.1886 +/- 0.0040

Entries: 2012
Mean: -0.1302 +/- 0.0064
Std Dev: 0.2855 +/- 0.0045

Entries: 908
Mean: -0.0032 +/- 0.0066
Std Dev: 0.1992 +/- 0.0047

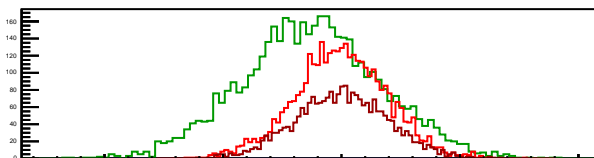


Cycle 10, Diffs

Entries: 3635
Mean: -0.0020 +/- 0.0032
Std Dev: 0.1956 +/- 0.0023

Entries: 4619
Mean: -0.1280 +/- 0.0043
Std Dev: 0.2920 +/- 0.0030

Entries: 2437
Mean: 0.0006 +/- 0.0039
Std Dev: 0.1939 +/- 0.0028

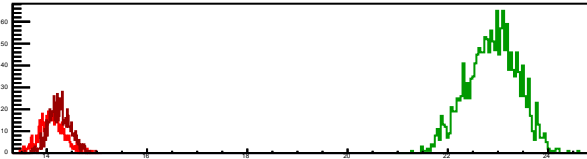


Cycle 1, Sums

Entries: 571
Mean: 14.1051 +/- 0.0103
Std Dev: 0.2451 +/- 0.0073

Entries: 1788
Mean: 22.8901 +/- 0.0120
Std Dev: 0.5062 +/- 0.0085

Entries: 682
Mean: 14.2552 +/- 0.0082
Std Dev: 0.2143 +/- 0.0058

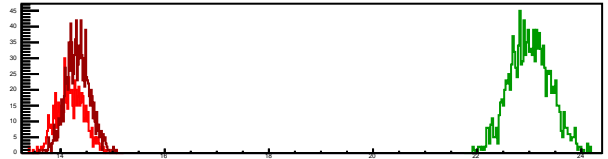


Cycle 2, Sums

Entries: 699
Mean: 14.1943 +/- 0.0101
Std Dev: 0.2671 +/- 0.0071

Entries: 1379
Mean: 23.0158 +/- 0.0105
Std Dev: 0.3895 +/- 0.0074

Entries: 1086
Mean: 14.3302 +/- 0.0070
Std Dev: 0.2306 +/- 0.0049



Cycle 3, Sums

Entries: 1071
Mean: 14.3941 +/- 0.0073
Std Dev: 0.2402 +/- 0.0052

Entries: 4267
Mean: 23.1322 +/- 0.0065
Std Dev: 0.4242 +/- 0.0046

Entries: 1261
Mean: 14.5126 +/- 0.0065
Std Dev: 0.2308 +/- 0.0046

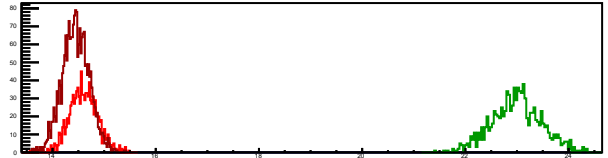


Cycle 4, Sums

Entries: 1035
Mean: 14.6055 +/- 0.0083
Std Dev: 0.2677 +/- 0.0059

Entries: 1001
Mean: 22.9927 +/- 0.0152
Std Dev: 0.4812 +/- 0.0108

Entries: 2210
Mean: 14.4481 +/- 0.0056
Std Dev: 0.2621 +/- 0.0039

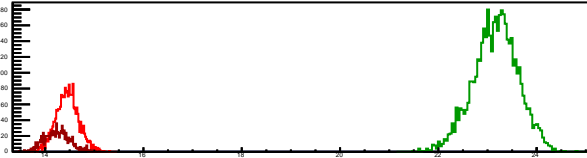


Cycle 5, Sums

Entries: 2180
Mean: 14.4524 +/- 0.0049
Std Dev: 0.2296 +/- 0.0035

Entries: 4680
Mean: 23.1615 +/- 0.0067
Std Dev: 0.4557 +/- 0.0047

Entries: 864
Mean: 14.2438 +/- 0.0087
Std Dev: 0.2555 +/- 0.0061

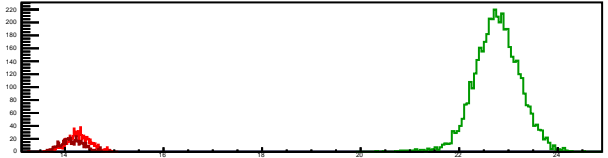


Cycle 6, Sums

Entries: 957
Mean: 14.2820 +/- 0.0075
Std Dev: 0.2326 +/- 0.0053

Entries: 4558
Mean: 22.7665 +/- 0.0068
Std Dev: 0.4613 +/- 0.0048

Entries: 556
Mean: 14.1476 +/- 0.0100
Std Dev: 0.2348 +/- 0.0070



Cycle 7, Sums

Entries: 558
Mean: 14.5229 +/- 0.0095
Std Dev: 0.2236 +/- 0.0067

Entries: 3338
Mean: 22.7850 +/- 0.0091
Std Dev: 0.4708 +/- 0.0058

Entries: 1641
Mean: 14.2432 +/- 0.0062
Std Dev: 0.2496 +/- 0.0044

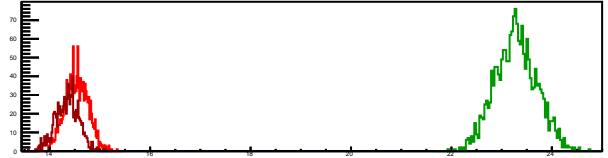


Cycle 8, Sums

Entries: 1296
Mean: 14.5381 +/- 0.0063
Std Dev: 0.2284 +/- 0.0045

Entries: 1929
Mean: 23.2836 +/- 0.0094
Std Dev: 0.4134 +/- 0.0067

Entries: 917
Mean: 14.3511 +/- 0.0076
Std Dev: 0.2309 +/- 0.0054

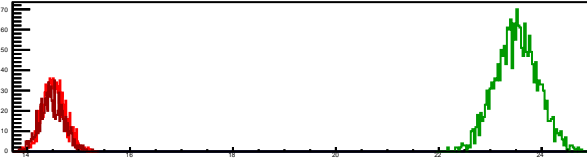


Cycle 9, Sums

Entries: 1124
Mean: 14.5241 +/- 0.0066
Std Dev: 0.2203 +/- 0.0046

Entries: 2012
Mean: 23.5078 +/- 0.0091
Std Dev: 0.4099 +/- 0.0065

Entries: 908
Mean: 14.4870 +/- 0.0078
Std Dev: 0.2340 +/- 0.0055

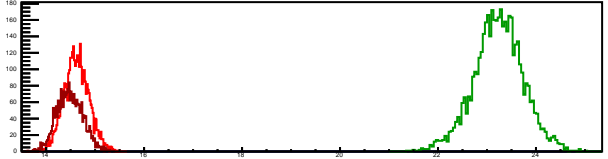


Cycle 10, Sums

Entries: 3635
Mean: 14.6225 +/- 0.0042
Std Dev: 0.2535 +/- 0.0030

Entries: 4619
Mean: 23.2317 +/- 0.0075
Std Dev: 0.5063 +/- 0.0053

Entries: 2437
Mean: 14.4884 +/- 0.0054
Std Dev: 0.2654 +/- 0.0038

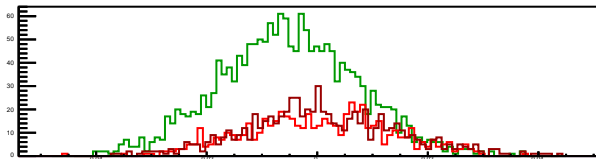


Cycle 1, Asyms

Entries: 571
Mean: -0.0001 +/- 0.0005
Std Dev: 0.0131 +/- 0.0004

Entries: 1788
Mean: -0.0052 +/- 0.0003
Std Dev: 0.0125 +/- 0.0002

Entries: 682
Mean: 0.0009 +/- 0.0005
Std Dev: 0.0138 +/- 0.0004

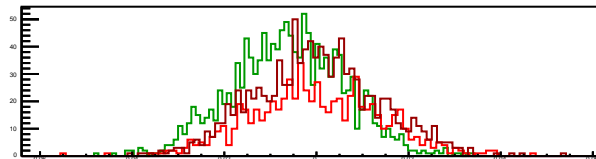


Cycle 2, Asyms

Entries: 699
Mean: -0.0001 +/- 0.0005
Std Dev: 0.0141 +/- 0.0004

Entries: 1379
Mean: -0.0061 +/- 0.0003
Std Dev: 0.0122 +/- 0.0002

Entries: 1086
Mean: -0.0001 +/- 0.0004
Std Dev: 0.0134 +/- 0.0003

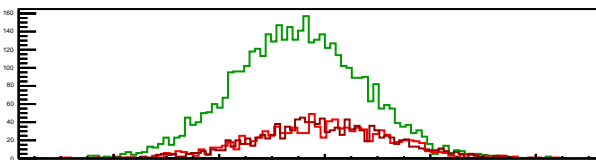


Cycle 3, Asyms

Entries: 1071
Mean: -0.0007 +/- 0.0004
Std Dev: 0.0133 +/- 0.0003

Entries: 4267
Mean: -0.0050 +/- 0.0002
Std Dev: 0.0124 +/- 0.0001

Entries: 1261
Mean: -0.0004 +/- 0.0004
Std Dev: 0.0126 +/- 0.0003

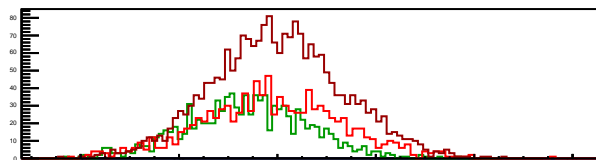


Cycle 4, Asyms

Entries: 1035
Mean: -0.0013 +/- 0.0004
Std Dev: 0.0145 +/- 0.0003

Entries: 1001
Mean: -0.0061 +/- 0.0004
Std Dev: 0.0123 +/- 0.0003

Entries: 2210
Mean: 0.0000 +/- 0.0003
Std Dev: 0.0132 +/- 0.0002

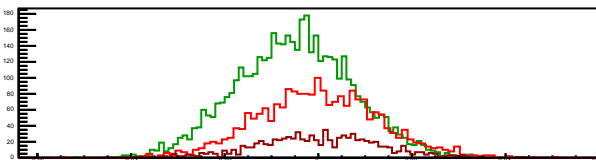


Cycle 5, Asyms

Entries: 2180
Mean: -0.0001 +/- 0.0003
Std Dev: 0.0131 +/- 0.0002

Entries: 4680
Mean: -0.0051 +/- 0.0002
Std Dev: 0.0123 +/- 0.0001

Entries: 864
Mean: -0.0001 +/- 0.0004
Std Dev: 0.0130 +/- 0.0003

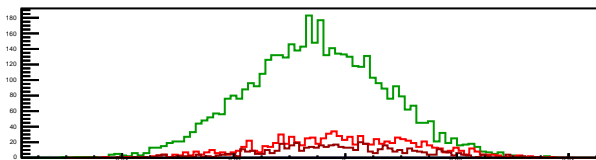


Cycle 6, Asyms

Entries: 957
Mean: -0.0007 +/- 0.0004
Std Dev: 0.0137 +/- 0.0003

Entries: 4558
Mean: -0.0054 +/- 0.0002
Std Dev: 0.0125 +/- 0.0001

Entries: 556
Mean: -0.0014 +/- 0.0006
Std Dev: 0.0134 +/- 0.0004

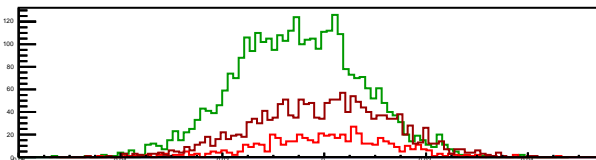


Cycle 7, Asyms

Entries: 558
Mean: 0.0001 +/- 0.0006
Std Dev: 0.0133 +/- 0.0004

Entries: 3338
Mean: -0.0052 +/- 0.0002
Std Dev: 0.0123 +/- 0.0002

Entries: 1641
Mean: -0.0003 +/- 0.0003
Std Dev: 0.0135 +/- 0.0002

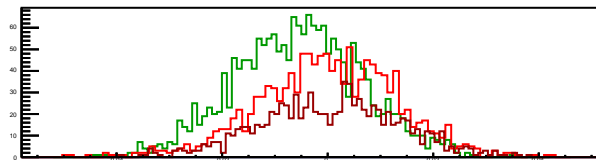


Cycle 8, Asyms

Entries: 1296
Mean: -0.0001 +/- 0.0004
Std Dev: 0.0131 +/- 0.0003

Entries: 1929
Mean: -0.0056 +/- 0.0003
Std Dev: 0.0121 +/- 0.0002

Entries: 917
Mean: 0.0005 +/- 0.0004
Std Dev: 0.0131 +/- 0.0003

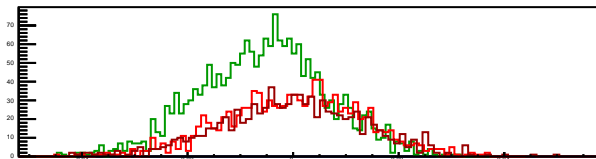


Cycle 9, Asyms

Entries: 1124
Mean: 0.0001 +/- 0.0004
Std Dev: 0.0130 +/- 0.0003

Entries: 2012
Mean: -0.0055 +/- 0.0003
Std Dev: 0.0121 +/- 0.0002

Entries: 908
Mean: -0.0002 +/- 0.0005
Std Dev: 0.0137 +/- 0.0003



Cycle 10, Asyms

Entries: 3635
Mean: -0.0001 +/- 0.0002
Std Dev: 0.0134 +/- 0.0002

Entries: 4619
Mean: -0.0055 +/- 0.0002
Std Dev: 0.0126 +/- 0.0001

Entries: 2437
Mean: 0.0001 +/- 0.0003
Std Dev: 0.0133 +/- 0.0002

