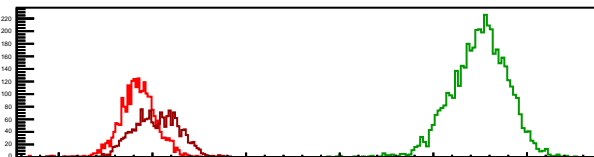


### Cycle 1, PosHel

Entries: 2436  
Mean: 4.8467 +/- 0.0040  
Std Dev: 0.1955 +/- 0.0028

Entries: 4670  
Mean: 8.4948 +/- 0.0044  
Std Dev: 0.2973 +/- 0.0031

Entries: 1853  
Mean: 5.0403 +/- 0.0057  
Std Dev: 0.2439 +/- 0.0040



### Cycle 2, PosHel

Entries: 1851  
Mean: 5.1540 +/- 0.0047  
Std Dev: 0.2038 +/- 0.0033

Entries: 1165  
Mean: 8.4224 +/- 0.0093  
Std Dev: 0.3186 +/- 0.0066

Entries: 2503  
Mean: 5.0280 +/- 0.0031  
Std Dev: 0.1561 +/- 0.0022

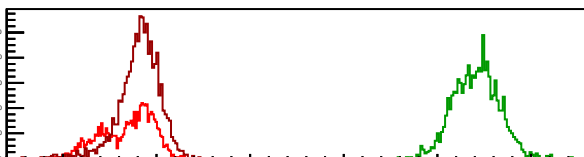


### Cycle 3, PosHel

Entries: 1370  
Mean: 4.6895 +/- 0.0074  
Std Dev: 0.2744 +/- 0.0052

Entries: 2024  
Mean: 8.4144 +/- 0.0053  
Std Dev: 0.2368 +/- 0.0037

Entries: 2093  
Mean: 4.8201 +/- 0.0047  
Std Dev: 0.2152 +/- 0.0033



### Cycle 4, PosHel

Entries: 2073  
Mean: 4.8351 +/- 0.0036  
Std Dev: 0.1660 +/- 0.0026

Entries: 1796  
Mean: 8.1852 +/- 0.0074  
Std Dev: 0.3145 +/- 0.0052

Entries: 2215  
Mean: 4.8303 +/- 0.0032  
Std Dev: 0.1509 +/- 0.0023

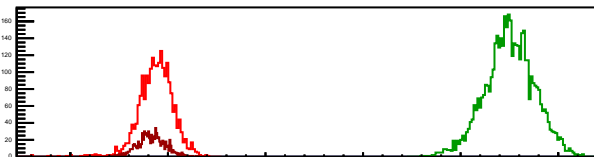


### Cycle 5, PosHel

Entries: 2195  
Mean: 4.8767 +/- 0.0039  
Std Dev: 0.1812 +/- 0.0027

Entries: 4653  
Mean: 8.5035 +/- 0.0037  
Std Dev: 0.2544 +/- 0.0026

Entries: 846  
Mean: 4.8338 +/- 0.0049  
Std Dev: 0.1423 +/- 0.0035

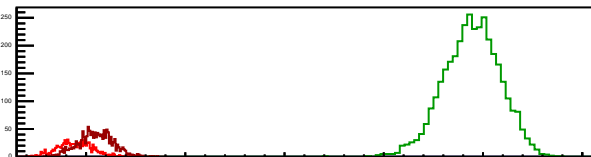


### Cycle 6, PosHel

Entries: 846  
Mean: 4.8884 +/- 0.0061  
Std Dev: 0.1761 +/- 0.0043

Entries: 3575  
Mean: 8.8864 +/- 0.0048  
Std Dev: 0.2887 +/- 0.0034

Entries: 1408  
Mean: 5.0951 +/- 0.0047  
Std Dev: 0.1751 +/- 0.0033

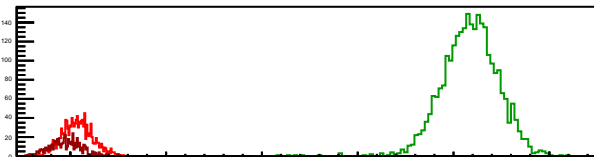


### Cycle 7, PosHel

Entries: 1303  
Mean: 6.0725 +/- 0.0044  
Std Dev: 0.1589 +/- 0.0031

Entries: 2763  
Mean: 10.1720 +/- 0.0056  
Std Dev: 0.2930 +/- 0.0039

Entries: 560  
Mean: 5.9502 +/- 0.0069  
Std Dev: 0.1643 +/- 0.0049

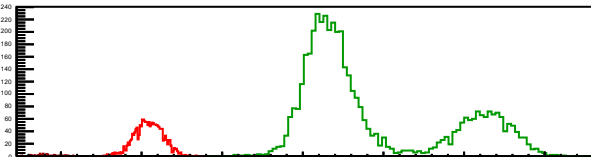


### Cycle 8, PosHel

Entries: 1811  
Mean: 6.0899 +/- 0.0041  
Std Dev: 0.1726 +/- 0.0029

Entries: 4524  
Mean: 8.8517 +/- 0.0136  
Std Dev: 0.9121 +/- 0.0096

Entries: 47  
Mean: 4.8349 +/- 0.0199  
Std Dev: 0.1363 +/- 0.0141

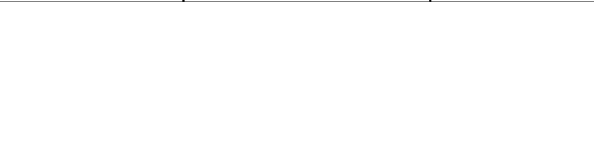


### Cycle 9, PosHel

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

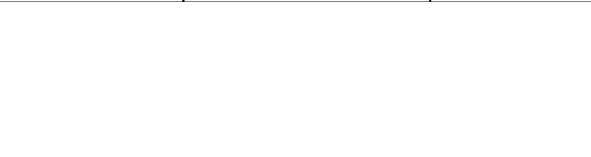


### Cycle 10, PosHel

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

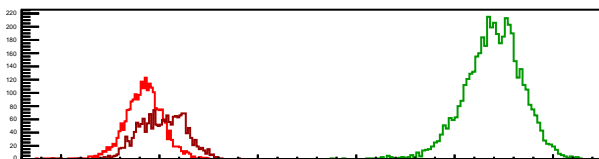


**Cycle 1, NegHel**

Entries: 2436  
 Mean: 4.8438 +/- 0.0040  
 Std Dev: 0.1954 +/- 0.0028

Entries: 4670  
 Mean: 8.3934 +/- 0.0042  
 Std Dev: 0.2893 +/- 0.0030

Entries: 1853  
 Mean: 5.0305 +/- 0.0054  
 Std Dev: 0.2331 +/- 0.0038

**Cycle 2, NegHel**

Entries: 1851  
 Mean: 5.1521 +/- 0.0047  
 Std Dev: 0.2041 +/- 0.0034

Entries: 1165  
 Mean: 8.3298 +/- 0.0091  
 Std Dev: 0.3108 +/- 0.0064

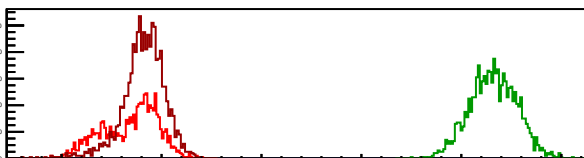
Entries: 2503  
 Mean: 5.0233 +/- 0.0031  
 Std Dev: 0.1547 +/- 0.0022

**Cycle 3, NegHel**

Entries: 1370  
 Mean: 4.6846 +/- 0.0076  
 Std Dev: 0.2798 +/- 0.0053

Entries: 2024  
 Mean: 8.3191 +/- 0.0052  
 Std Dev: 0.2343 +/- 0.0037

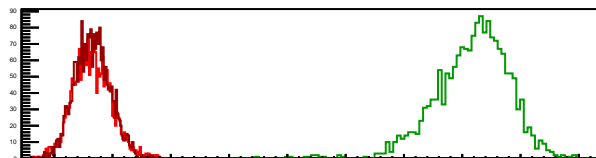
Entries: 2093  
 Mean: 4.8205 +/- 0.0046  
 Std Dev: 0.2106 +/- 0.0033

**Cycle 4, NegHel**

Entries: 2073  
 Mean: 4.8245 +/- 0.0036  
 Std Dev: 0.1623 +/- 0.0025

Entries: 1796  
 Mean: 8.0865 +/- 0.0075  
 Std Dev: 0.3169 +/- 0.0053

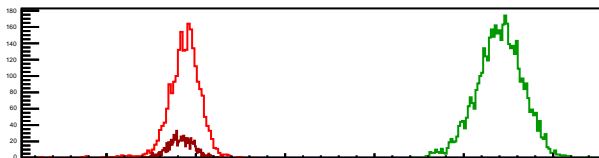
Entries: 2215  
 Mean: 4.8271 +/- 0.0032  
 Std Dev: 0.1510 +/- 0.0023

**Cycle 5, NegHel**

Entries: 2195  
 Mean: 4.8748 +/- 0.0039  
 Std Dev: 0.1813 +/- 0.0027

Entries: 4653  
 Mean: 8.4021 +/- 0.0038  
 Std Dev: 0.2563 +/- 0.0027

Entries: 846  
 Mean: 4.8345 +/- 0.0048  
 Std Dev: 0.1399 +/- 0.0034

**Cycle 6, NegHel**

Entries: 846  
 Mean: 4.8888 +/- 0.0063  
 Std Dev: 0.1821 +/- 0.0044

Entries: 3575  
 Mean: 8.7763 +/- 0.0048  
 Std Dev: 0.2895 +/- 0.0034

Entries: 1408  
 Mean: 5.0962 +/- 0.0049  
 Std Dev: 0.1832 +/- 0.0035

**Cycle 7, NegHel**

Entries: 1303  
 Mean: 6.0684 +/- 0.0043  
 Std Dev: 0.1567 +/- 0.0031

Entries: 2763  
 Mean: 10.0314 +/- 0.0055  
 Std Dev: 0.2916 +/- 0.0039

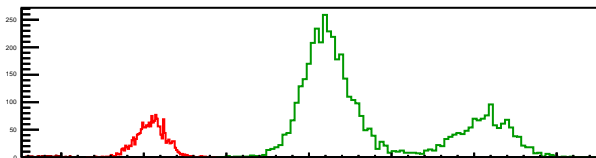
Entries: 560  
 Mean: 5.9474 +/- 0.0068  
 Std Dev: 0.1618 +/- 0.0048

**Cycle 8, NegHel**

Entries: 1811  
 Mean: 6.0896 +/- 0.0042  
 Std Dev: 0.1794 +/- 0.0030

Entries: 4524  
 Mean: 8.7435 +/- 0.0133  
 Std Dev: 0.8947 +/- 0.0094

Entries: 47  
 Mean: 4.8479 +/- 0.0202  
 Std Dev: 0.1387 +/- 0.0143

**Cycle 9, NegHel**

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

**Cycle 10, NegHel**

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

Entries: 0  
 Mean: 0.0000 +/- 0.0000  
 Std Dev: 0.0000 +/- 0.0000

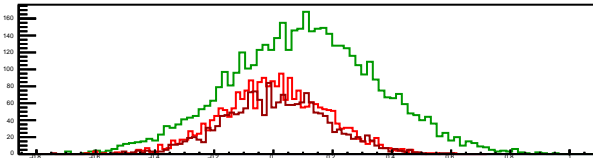


### Cycle 1, Diffs

Entries: 2436  
Mean: 0.0029 +/- 0.0036  
Std Dev: 0.1758 +/- 0.0025

Entries: 4670  
Mean: 0.1015 +/- 0.0037  
Std Dev: 0.2502 +/- 0.0026

Entries: 1853  
Mean: 0.0098 +/- 0.0041  
Std Dev: 0.1752 +/- 0.0029

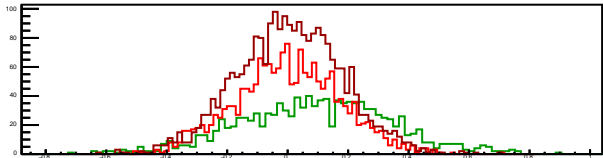


### Cycle 2, Diffs

Entries: 1851  
Mean: 0.0018 +/- 0.0040  
Std Dev: 0.1740 +/- 0.0029

Entries: 1165  
Mean: 0.0926 +/- 0.0074  
Std Dev: 0.2517 +/- 0.0052

Entries: 2503  
Mean: 0.0047 +/- 0.0035  
Std Dev: 0.1740 +/- 0.0025

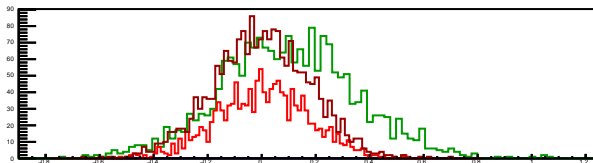


### Cycle 3, Diffs

Entries: 1370  
Mean: 0.0049 +/- 0.0046  
Std Dev: 0.1708 +/- 0.0033

Entries: 2024  
Mean: 0.0953 +/- 0.0056  
Std Dev: 0.2524 +/- 0.0040

Entries: 2093  
Mean: -0.0004 +/- 0.0039  
Std Dev: 0.1775 +/- 0.0027

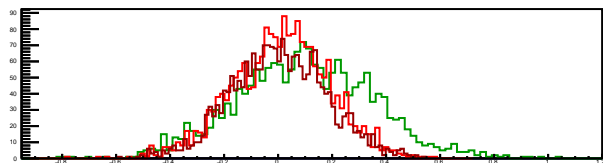


### Cycle 4, Diffs

Entries: 2073  
Mean: 0.0106 +/- 0.0040  
Std Dev: 0.1800 +/- 0.0028

Entries: 1796  
Mean: 0.0987 +/- 0.0060  
Std Dev: 0.2539 +/- 0.0042

Entries: 2215  
Mean: 0.0032 +/- 0.0037  
Std Dev: 0.1760 +/- 0.0026

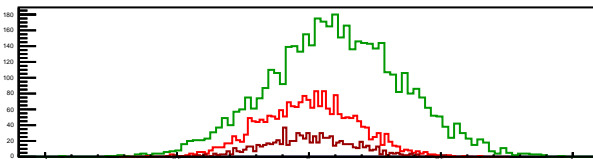


### Cycle 5, Diffs

Entries: 2195  
Mean: 0.0019 +/- 0.0039  
Std Dev: 0.1807 +/- 0.0027

Entries: 4653  
Mean: 0.1014 +/- 0.0037  
Std Dev: 0.2539 +/- 0.0026

Entries: 846  
Mean: -0.0007 +/- 0.0059  
Std Dev: 0.1725 +/- 0.0042

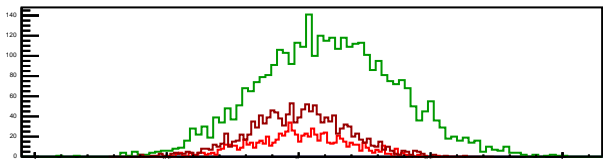


### Cycle 6, Diffs

Entries: 846  
Mean: -0.0003 +/- 0.0063  
Std Dev: 0.1827 +/- 0.0044

Entries: 3575  
Mean: 0.1101 +/- 0.0044  
Std Dev: 0.2633 +/- 0.0031

Entries: 1408  
Mean: -0.0011 +/- 0.0049  
Std Dev: 0.1857 +/- 0.0035

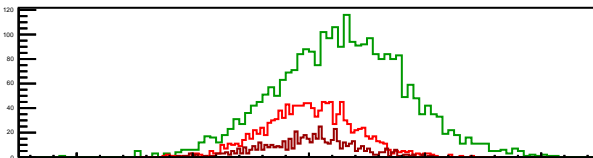


### Cycle 7, Diffs

Entries: 1303  
Mean: 0.0041 +/- 0.0054  
Std Dev: 0.1957 +/- 0.0038

Entries: 2763  
Mean: 0.1407 +/- 0.0053  
Std Dev: 0.2808 +/- 0.0038

Entries: 560  
Mean: 0.0028 +/- 0.0083  
Std Dev: 0.1955 +/- 0.0058

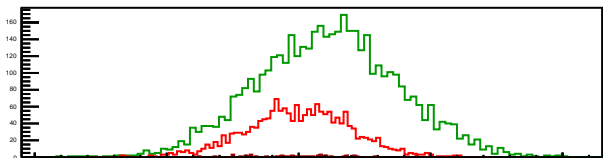


### Cycle 8, Diffs

Entries: 1811  
Mean: 0.0003 +/- 0.0046  
Std Dev: 0.1965 +/- 0.0033

Entries: 4524  
Mean: 0.1082 +/- 0.0040  
Std Dev: 0.2664 +/- 0.0028

Entries: 47  
Mean: -0.0129 +/- 0.0248  
Std Dev: 0.1698 +/- 0.0175

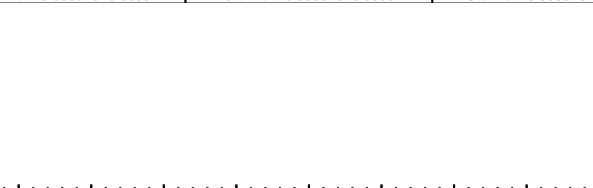


### Cycle 9, Diffs

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

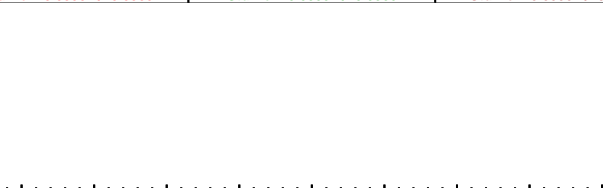


### Cycle 10, Diffs

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

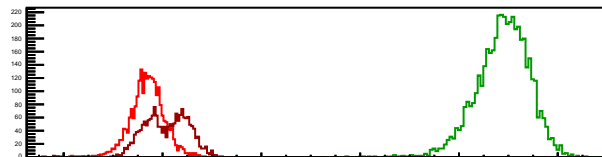


### Cycle 1, Sums

Entries: 2436  
Mean: 9.6905 +/- 0.0071  
Std Dev: 0.3492 +/- 0.0050

Entries: 4670  
Mean: 16.8882 +/- 0.0078  
Std Dev: 0.5306 +/- 0.0055

Entries: 1853  
Mean: 10.0707 +/- 0.0103  
Std Dev: 0.4439 +/- 0.0073

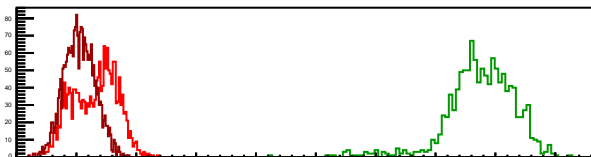


### Cycle 2, Sums

Entries: 1851  
Mean: 10.3061 +/- 0.0086  
Std Dev: 0.3689 +/- 0.0061

Entries: 1165  
Mean: 16.7522 +/- 0.0169  
Std Dev: 0.5770 +/- 0.0120

Entries: 2503  
Mean: 10.0513 +/- 0.0051  
Std Dev: 0.2576 +/- 0.0036

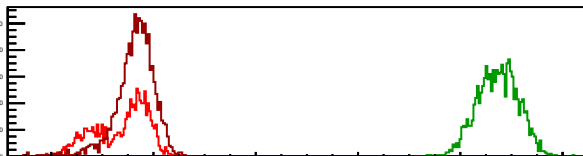


### Cycle 3, Sums

Entries: 1370  
Mean: 9.3741 +/- 0.0142  
Std Dev: 0.5272 +/- 0.0101

Entries: 2024  
Mean: 16.7335 +/- 0.0088  
Std Dev: 0.3978 +/- 0.0063

Entries: 2093  
Mean: 9.6406 +/- 0.0085  
Std Dev: 0.3871 +/- 0.0060



### Cycle 4, Sums

Entries: 2073  
Mean: 9.6595 +/- 0.0060  
Std Dev: 0.2747 +/- 0.0043

Entries: 1796  
Mean: 16.2718 +/- 0.0136  
Std Dev: 0.5780 +/- 0.0096

Entries: 2215  
Mean: 9.6574 +/- 0.0052  
Std Dev: 0.2453 +/- 0.0037

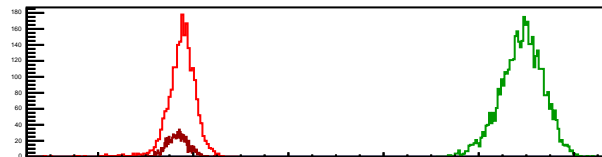


### Cycle 5, Sums

Entries: 2195  
Mean: 9.7515 +/- 0.0067  
Std Dev: 0.3141 +/- 0.0047

Entries: 4653  
Mean: 16.9056 +/- 0.0065  
Std Dev: 0.4431 +/- 0.0046

Entries: 846  
Mean: 9.6683 +/- 0.0077  
Std Dev: 0.2234 +/- 0.0054

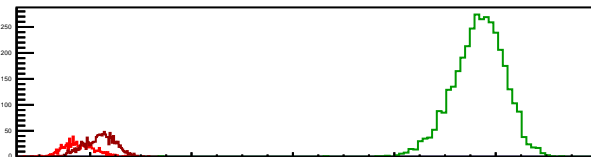


### Cycle 6, Sums

Entries: 846  
Mean: 9.7772 +/- 0.0106  
Std Dev: 0.3081 +/- 0.0075

Entries: 3575  
Mean: 17.6627 +/- 0.0086  
Std Dev: 0.5148 +/- 0.0061

Entries: 1408  
Mean: 10.1912 +/- 0.0082  
Std Dev: 0.3065 +/- 0.0058

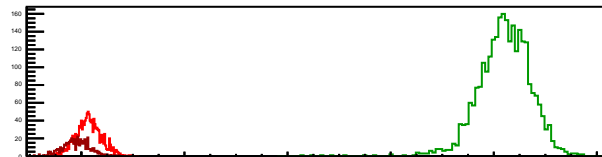


### Cycle 7, Sums

Entries: 1303  
Mean: 12.1410 +/- 0.0069  
Std Dev: 0.2475 +/- 0.0048

Entries: 2763  
Mean: 20.2034 +/- 0.0098  
Std Dev: 0.5127 +/- 0.0069

Entries: 560  
Mean: 11.8975 +/- 0.0110  
Std Dev: 0.2609 +/- 0.0078

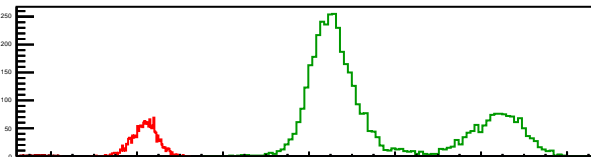


### Cycle 8, Sums

Entries: 1811  
Mean: 12.1795 +/- 0.0069  
Std Dev: 0.2921 +/- 0.0049

Entries: 4524  
Mean: 17.5953 +/- 0.0266  
Std Dev: 1.7872 +/- 0.0188

Entries: 47  
Mean: 9.6828 +/- 0.0315  
Std Dev: 0.2163 +/- 0.0223



### Cycle 9, Sums

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

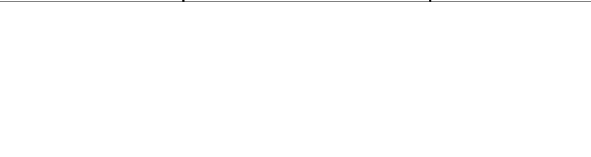


### Cycle 10, Sums

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

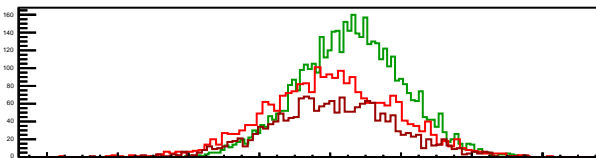


### Cycle 1, Asyms

Entries: 2436  
Mean: 0.0003 +/- 0.0004  
Std Dev: 0.0181 +/- 0.0003

Entries: 4670  
Mean: 0.0060 +/- 0.0002  
Std Dev: 0.0148 +/- 0.0002

Entries: 1853  
Mean: 0.0009 +/- 0.0004  
Std Dev: 0.0174 +/- 0.0003

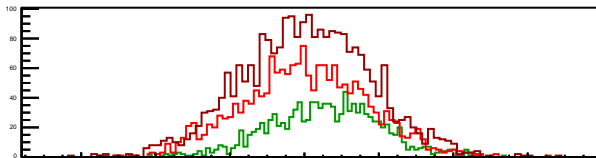


### Cycle 2, Asyms

Entries: 1851  
Mean: 0.0002 +/- 0.0004  
Std Dev: 0.0168 +/- 0.0003

Entries: 1165  
Mean: 0.0055 +/- 0.0004  
Std Dev: 0.0150 +/- 0.0003

Entries: 2503  
Mean: 0.0005 +/- 0.0003  
Std Dev: 0.0173 +/- 0.0002

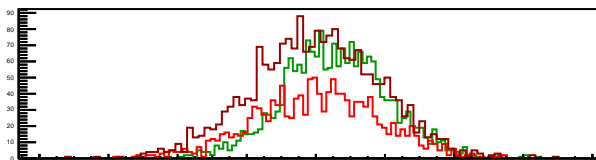


### Cycle 3, Asyms

Entries: 1370  
Mean: 0.0006 +/- 0.0005  
Std Dev: 0.0182 +/- 0.0003

Entries: 2024  
Mean: 0.0057 +/- 0.0003  
Std Dev: 0.0151 +/- 0.0002

Entries: 2093  
Mean: -0.0001 +/- 0.0004  
Std Dev: 0.0184 +/- 0.0003

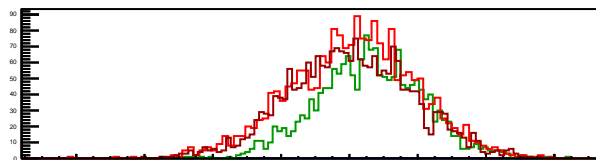


### Cycle 4, Asyms

Entries: 2073  
Mean: 0.0011 +/- 0.0004  
Std Dev: 0.0186 +/- 0.0003

Entries: 1796  
Mean: 0.0061 +/- 0.0004  
Std Dev: 0.0156 +/- 0.0003

Entries: 2215  
Mean: 0.0003 +/- 0.0004  
Std Dev: 0.0182 +/- 0.0003

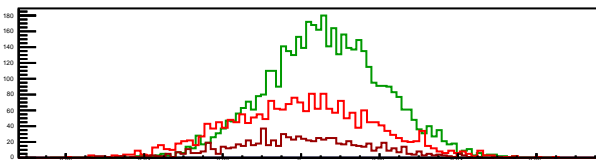


### Cycle 5, Asyms

Entries: 2195  
Mean: 0.0002 +/- 0.0004  
Std Dev: 0.0185 +/- 0.0003

Entries: 4653  
Mean: 0.0060 +/- 0.0002  
Std Dev: 0.0150 +/- 0.0002

Entries: 846  
Mean: -0.0001 +/- 0.0006  
Std Dev: 0.0178 +/- 0.0004

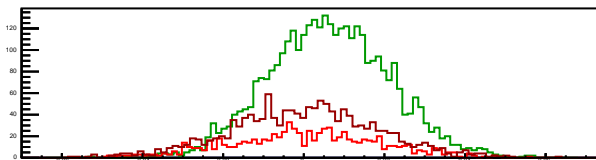


### Cycle 6, Asyms

Entries: 846  
Mean: -0.0000 +/- 0.0006  
Std Dev: 0.0187 +/- 0.0005

Entries: 3575  
Mean: 0.0062 +/- 0.0002  
Std Dev: 0.0149 +/- 0.0002

Entries: 1408  
Mean: -0.0001 +/- 0.0005  
Std Dev: 0.0182 +/- 0.0003

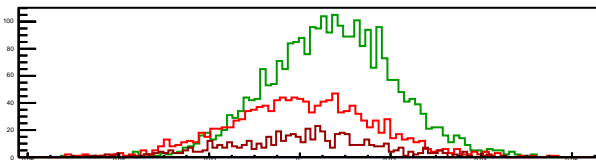


### Cycle 7, Asyms

Entries: 1303  
Mean: 0.0003 +/- 0.0004  
Std Dev: 0.0161 +/- 0.0003

Entries: 2763  
Mean: 0.0070 +/- 0.0003  
Std Dev: 0.0139 +/- 0.0002

Entries: 560  
Mean: 0.0002 +/- 0.0007  
Std Dev: 0.0164 +/- 0.0005

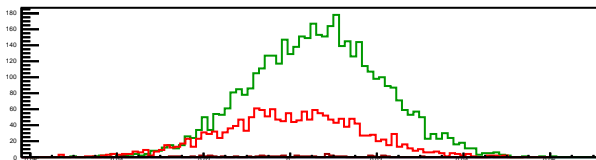


### Cycle 8, Asyms

Entries: 1811  
Mean: 0.0000 +/- 0.0004  
Std Dev: 0.0161 +/- 0.0003

Entries: 4524  
Mean: 0.0061 +/- 0.0002  
Std Dev: 0.0151 +/- 0.0002

Entries: 47  
Mean: -0.0013 +/- 0.0026  
Std Dev: 0.0176 +/- 0.0018



### Cycle 9, Asyms

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000



### Cycle 10, Asyms

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

Entries: 0  
Mean: 0.0000 +/- 0.0000  
Std Dev: 0.0000 +/- 0.0000

