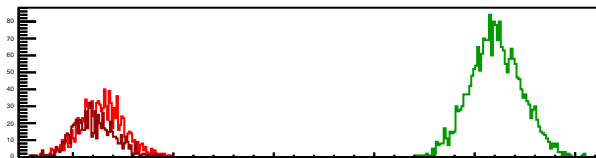


**Cycle 1, PosHel**

Entries: 1100  
 Mean: 7.2865 +/- 0.0065  
 Std Dev: 0.2160 +/- 0.0046

Entries: 2346  
 Mean: 11.2121 +/- 0.0053  
 Std Dev: 0.2558 +/- 0.0037

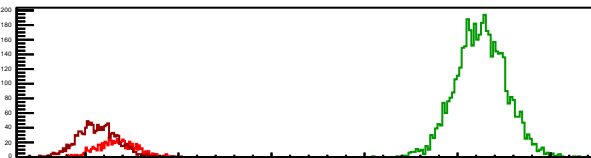
Entries: 759  
 Mean: 7.2086 +/- 0.0077  
 Std Dev: 0.2108 +/- 0.0054

**Cycle 2, PosHel**

Entries: 763  
 Mean: 7.3346 +/- 0.0075  
 Std Dev: 0.2085 +/- 0.0053

Entries: 4596  
 Mean: 11.2501 +/- 0.0039  
 Std Dev: 0.2673 +/- 0.0028

Entries: 1267  
 Mean: 7.1298 +/- 0.0060  
 Std Dev: 0.2148 +/- 0.0043

**Cycle 3, PosHel**

Entries: 2463  
 Mean: 7.0811 +/- 0.0044  
 Std Dev: 0.2168 +/- 0.0031

Entries: 4603  
 Mean: 10.8870 +/- 0.0042  
 Std Dev: 0.2863 +/- 0.0030

Entries: 831  
 Mean: 7.1310 +/- 0.0070  
 Std Dev: 0.2024 +/- 0.0050

**Cycle 4, PosHel**

Entries: 825  
 Mean: 7.3299 +/- 0.0073  
 Std Dev: 0.2102 +/- 0.0052

Entries: 3049  
 Mean: 11.0703 +/- 0.0046  
 Std Dev: 0.2561 +/- 0.0033

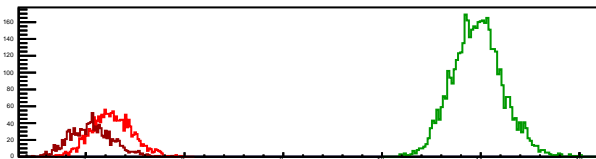
Entries: 1641  
 Mean: 7.2182 +/- 0.0054  
 Std Dev: 0.2183 +/- 0.0038

**Cycle 5, PosHel**

Entries: 1664  
 Mean: 7.2631 +/- 0.0051  
 Std Dev: 0.2080 +/- 0.0036

Entries: 4623  
 Mean: 10.9680 +/- 0.0038  
 Std Dev: 0.2575 +/- 0.0027

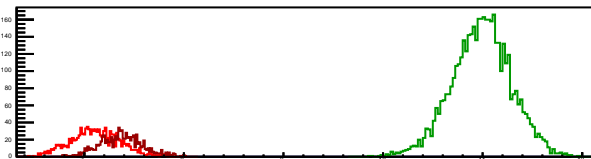
Entries: 1181  
 Mean: 7.0592 +/- 0.0063  
 Std Dev: 0.2163 +/- 0.0044

**Cycle 6, PosHel**

Entries: 1160  
 Mean: 7.1132 +/- 0.0073  
 Std Dev: 0.2482 +/- 0.0052

Entries: 4581  
 Mean: 10.9874 +/- 0.0044  
 Std Dev: 0.2993 +/- 0.0031

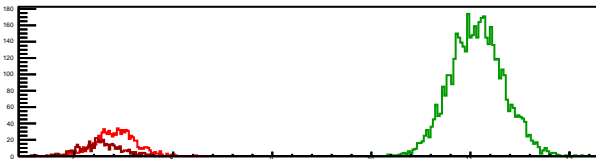
Entries: 871  
 Mean: 7.3700 +/- 0.0072  
 Std Dev: 0.2133 +/- 0.0051

**Cycle 7, PosHel**

Entries: 891  
 Mean: 7.4226 +/- 0.0097  
 Std Dev: 0.2051 +/- 0.0049

Entries: 4700  
 Mean: 11.0668 +/- 0.0039  
 Std Dev: 0.2676 +/- 0.0028

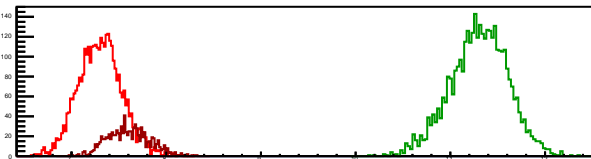
Entries: 522  
 Mean: 7.2684 +/- 0.0092  
 Std Dev: 0.2107 +/- 0.0065

**Cycle 8, PosHel**

Entries: 3589  
 Mean: 7.3052 +/- 0.0039  
 Std Dev: 0.2309 +/- 0.0027

Entries: 3750  
 Mean: 11.3027 +/- 0.0050  
 Std Dev: 0.3033 +/- 0.0035

Entries: 932  
 Mean: 7.6020 +/- 0.0072  
 Std Dev: 0.2199 +/- 0.0051

**Cycle 9, PosHel**

Entries: 440  
 Mean: 7.4226 +/- 0.0097  
 Std Dev: 0.2043 +/- 0.0069

Entries: 4632  
 Mean: 11.4494 +/- 0.0038  
 Std Dev: 0.2615 +/- 0.0027

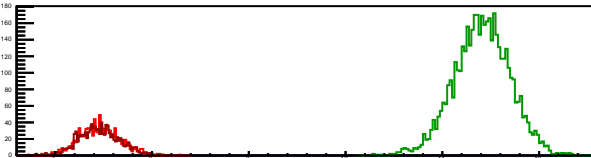
Entries: 1064  
 Mean: 7.4915 +/- 0.0065  
 Std Dev: 0.2109 +/- 0.0046

**Cycle 10, PosHel**

Entries: 1036  
 Mean: 7.4584 +/- 0.0065  
 Std Dev: 0.2096 +/- 0.0046

Entries: 4661  
 Mean: 11.4082 +/- 0.0042  
 Std Dev: 0.2886 +/- 0.0030

Entries: 1049  
 Mean: 7.4533 +/- 0.0065  
 Std Dev: 0.2097 +/- 0.0046

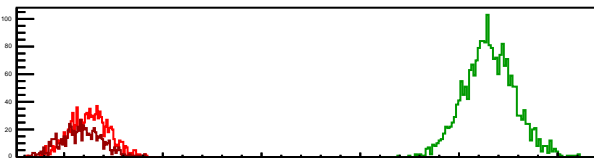


**Cycle 1, NegHel**

Entries: 1100  
 Mean: 7.2597 +/- 0.0060  
 Std Dev: 0.2004 +/- 0.0043

Entries: 2346  
 Mean: 11.3071 +/- 0.0053  
 Std Dev: 0.2568 +/- 0.0037

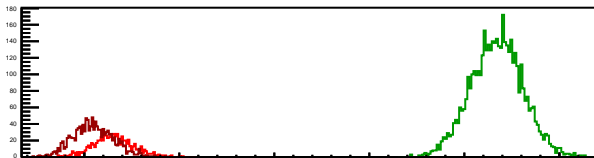
Entries: 759  
 Mean: 7.1715 +/- 0.0076  
 Std Dev: 0.2092 +/- 0.0054

**Cycle 2, NegHel**

Entries: 763  
 Mean: 7.3070 +/- 0.0077  
 Std Dev: 0.2136 +/- 0.0055

Entries: 4596  
 Mean: 11.3402 +/- 0.0040  
 Std Dev: 0.2727 +/- 0.0028

Entries: 1267  
 Mean: 7.0937 +/- 0.0060  
 Std Dev: 0.2123 +/- 0.0042

**Cycle 3, NegHel**

Entries: 2463  
 Mean: 7.0642 +/- 0.0043  
 Std Dev: 0.2150 +/- 0.0031

Entries: 4603  
 Mean: 10.9803 +/- 0.0042  
 Std Dev: 0.2823 +/- 0.0029

Entries: 831  
 Mean: 7.1168 +/- 0.0068  
 Std Dev: 0.1968 +/- 0.0048

**Cycle 4, NegHel**

Entries: 825  
 Mean: 7.3086 +/- 0.0073  
 Std Dev: 0.2103 +/- 0.0052

Entries: 3049  
 Mean: 11.1632 +/- 0.0046  
 Std Dev: 0.2536 +/- 0.0032

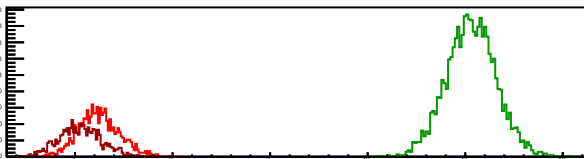
Entries: 1641  
 Mean: 7.1977 +/- 0.0052  
 Std Dev: 0.2117 +/- 0.0037

**Cycle 5, NegHel**

Entries: 1664  
 Mean: 7.2434 +/- 0.0051  
 Std Dev: 0.2078 +/- 0.0036

Entries: 4623  
 Mean: 11.0614 +/- 0.0038  
 Std Dev: 0.2555 +/- 0.0027

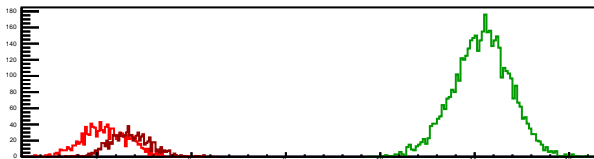
Entries: 1181  
 Mean: 7.0532 +/- 0.0063  
 Std Dev: 0.2158 +/- 0.0044

**Cycle 6, NegHel**

Entries: 1160  
 Mean: 7.0919 +/- 0.0072  
 Std Dev: 0.2464 +/- 0.0051

Entries: 4581  
 Mean: 11.0733 +/- 0.0045  
 Std Dev: 0.3021 +/- 0.0032

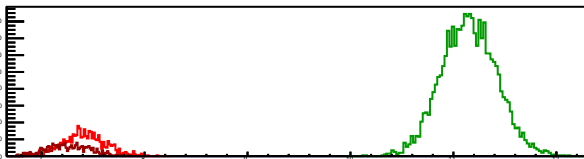
Entries: 871  
 Mean: 7.3498 +/- 0.0073  
 Std Dev: 0.2144 +/- 0.0051

**Cycle 7, NegHel**

Entries: 891  
 Mean: 7.4112 +/- 0.0070  
 Std Dev: 0.2082 +/- 0.0049

Entries: 4700  
 Mean: 11.1512 +/- 0.0039  
 Std Dev: 0.2688 +/- 0.0028

Entries: 522  
 Mean: 7.2624 +/- 0.0092  
 Std Dev: 0.2094 +/- 0.0065

**Cycle 8, NegHel**

Entries: 3589  
 Mean: 7.2848 +/- 0.0038  
 Std Dev: 0.2291 +/- 0.0027

Entries: 3750  
 Mean: 11.4095 +/- 0.0049  
 Std Dev: 0.3019 +/- 0.0035

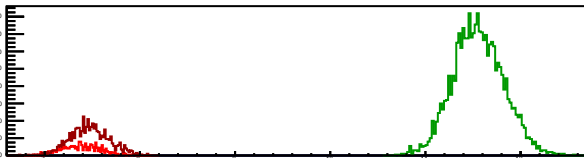
Entries: 932  
 Mean: 7.5875 +/- 0.0071  
 Std Dev: 0.2160 +/- 0.0050

**Cycle 9, NegHel**

Entries: 440  
 Mean: 7.3870 +/- 0.0098  
 Std Dev: 0.2065 +/- 0.0070

Entries: 4632  
 Mean: 11.5554 +/- 0.0039  
 Std Dev: 0.2656 +/- 0.0028

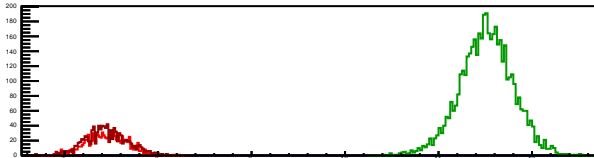
Entries: 1064  
 Mean: 7.4656 +/- 0.0063  
 Std Dev: 0.2060 +/- 0.0045

**Cycle 10, NegHel**

Entries: 1036  
 Mean: 7.4534 +/- 0.0068  
 Std Dev: 0.2183 +/- 0.0048

Entries: 4661  
 Mean: 11.5126 +/- 0.0042  
 Std Dev: 0.2844 +/- 0.0029

Entries: 1049  
 Mean: 7.4465 +/- 0.0070  
 Std Dev: 0.2266 +/- 0.0049

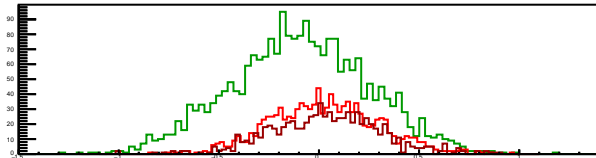


**Cycle 1, Diffs**

Entries: 1100  
 Mean: 0.0269 +/- 0.0081  
 Std Dev: 0.2703 +/- 0.0058

Entries: 2346  
 Mean: -0.0950 +/- 0.0071  
 Std Dev: 0.3445 +/- 0.0050

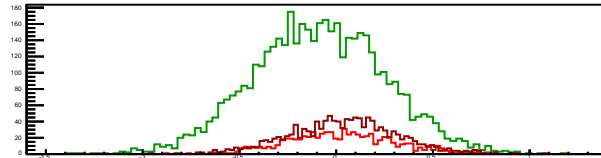
Entries: 759  
 Mean: 0.0372 +/- 0.0101  
 Std Dev: 0.2777 +/- 0.0071

**Cycle 2, Diffs**

Entries: 763  
 Mean: 0.0275 +/- 0.0101  
 Std Dev: 0.2803 +/- 0.0072

Entries: 4596  
 Mean: -0.0901 +/- 0.0050  
 Std Dev: 0.3418 +/- 0.0036

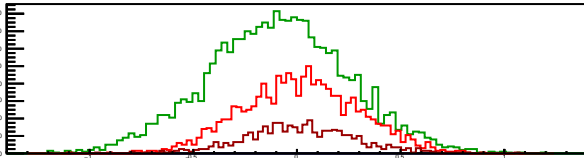
Entries: 1267  
 Mean: 0.0361 +/- 0.0078  
 Std Dev: 0.2771 +/- 0.0055

**Cycle 3, Diffs**

Entries: 2463  
 Mean: 0.0169 +/- 0.0056  
 Std Dev: 0.2793 +/- 0.0040

Entries: 4603  
 Mean: -0.0933 +/- 0.0050  
 Std Dev: 0.3392 +/- 0.0035

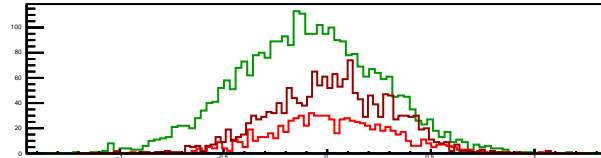
Entries: 831  
 Mean: 0.0141 +/- 0.0093  
 Std Dev: 0.2677 +/- 0.0066

**Cycle 4, Diffs**

Entries: 825  
 Mean: 0.0213 +/- 0.0102  
 Std Dev: 0.2932 +/- 0.0072

Entries: 3049  
 Mean: -0.0929 +/- 0.0062  
 Std Dev: 0.3407 +/- 0.0044

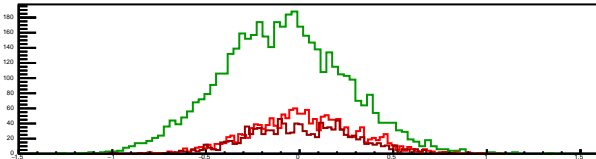
Entries: 1641  
 Mean: 0.0205 +/- 0.0070  
 Std Dev: 0.2853 +/- 0.0050

**Cycle 5, Diffs**

Entries: 1664  
 Mean: 0.0197 +/- 0.0069  
 Std Dev: 0.2800 +/- 0.0049

Entries: 4623  
 Mean: -0.0933 +/- 0.0049  
 Std Dev: 0.3348 +/- 0.0035

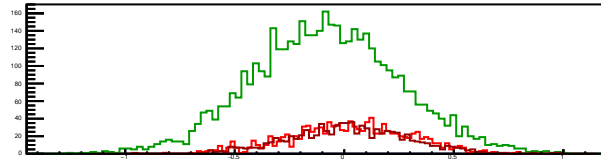
Entries: 1181  
 Mean: 0.0060 +/- 0.0081  
 Std Dev: 0.2796 +/- 0.0058

**Cycle 6, Diffs**

Entries: 1160  
 Mean: 0.0213 +/- 0.0081  
 Std Dev: 0.2743 +/- 0.0057

Entries: 4581  
 Mean: -0.0859 +/- 0.0050  
 Std Dev: 0.3371 +/- 0.0035

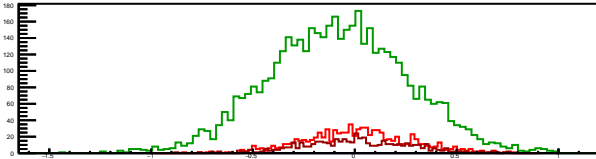
Entries: 871  
 Mean: 0.0203 +/- 0.0091  
 Std Dev: 0.2687 +/- 0.0064

**Cycle 7, Diffs**

Entries: 891  
 Mean: 0.0114 +/- 0.0088  
 Std Dev: 0.2616 +/- 0.0062

Entries: 4700  
 Mean: -0.0845 +/- 0.0050  
 Std Dev: 0.3430 +/- 0.0035

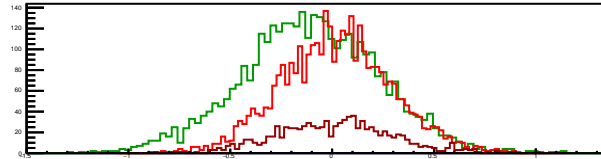
Entries: 522  
 Mean: 0.0060 +/- 0.0116  
 Std Dev: 0.2660 +/- 0.0082

**Cycle 8, Diffs**

Entries: 3589  
 Mean: 0.0203 +/- 0.0045  
 Std Dev: 0.2711 +/- 0.0032

Entries: 3750  
 Mean: -0.1068 +/- 0.0055  
 Std Dev: 0.3395 +/- 0.0039

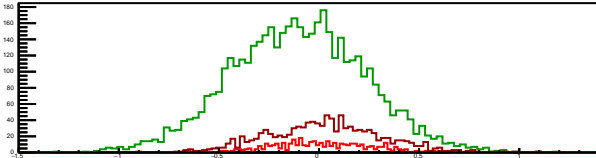
Entries: 932  
 Mean: 0.0145 +/- 0.0092  
 Std Dev: 0.2807 +/- 0.0065

**Cycle 9, Diffs**

Entries: 440  
 Mean: 0.0175 +/- 0.0125  
 Std Dev: 0.2617 +/- 0.0088

Entries: 4632  
 Mean: -0.1060 +/- 0.0049  
 Std Dev: 0.3355 +/- 0.0035

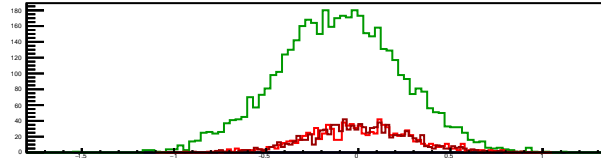
Entries: 1064  
 Mean: 0.0259 +/- 0.0087  
 Std Dev: 0.2838 +/- 0.0062

**Cycle 10, Diffs**

Entries: 1036  
 Mean: 0.0051 +/- 0.0089  
 Std Dev: 0.2851 +/- 0.0063

Entries: 4661  
 Mean: -0.1044 +/- 0.0049  
 Std Dev: 0.3349 +/- 0.0035

Entries: 1049  
 Mean: 0.0069 +/- 0.0084  
 Std Dev: 0.2706 +/- 0.0059

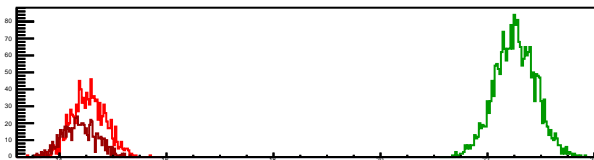


### Cycle 1, Sums

Entries: 1100  
Mean: 14.5462 +/- 0.0096  
Std Dev: 0.3170 +/- 0.0068

Entries: 2346  
Mean: 22.5192 +/- 0.0078  
Std Dev: 0.3795 +/- 0.0055

Entries: 759  
Mean: 14.3801 +/- 0.0114  
Std Dev: 0.3150 +/- 0.0081

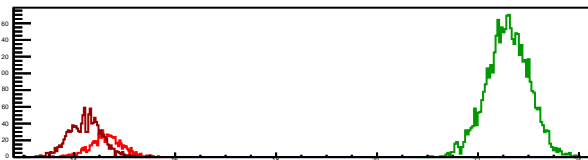


### Cycle 2, Sums

Entries: 763  
Mean: 14.6416 +/- 0.0114  
Std Dev: 0.3156 +/- 0.0081

Entries: 4596  
Mean: 22.5902 +/- 0.0062  
Std Dev: 0.4181 +/- 0.0044

Entries: 1267  
Mean: 14.2236 +/- 0.0091  
Std Dev: 0.3249 +/- 0.0065

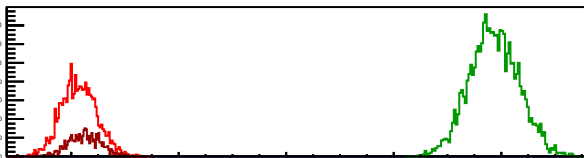


### Cycle 3, Sums

Entries: 2463  
Mean: 14.1452 +/- 0.0066  
Std Dev: 0.3292 +/- 0.0047

Entries: 4603  
Mean: 21.8672 +/- 0.0067  
Std Dev: 0.4564 +/- 0.0048

Entries: 831  
Mean: 14.2478 +/- 0.0103  
Std Dev: 0.2962 +/- 0.0073



### Cycle 4, Sums

Entries: 825  
Mean: 14.6385 +/- 0.0105  
Std Dev: 0.3014 +/- 0.0074

Entries: 3049  
Mean: 22.2335 +/- 0.0069  
Std Dev: 0.3791 +/- 0.0049

Entries: 1641  
Mean: 14.4160 +/- 0.0079  
Std Dev: 0.3218 +/- 0.0056

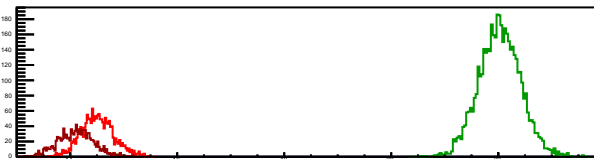


### Cycle 5, Sums

Entries: 1664  
Mean: 14.5064 +/- 0.0075  
Std Dev: 0.3075 +/- 0.0053

Entries: 4623  
Mean: 22.0294 +/- 0.0057  
Std Dev: 0.3887 +/- 0.0040

Entries: 1181  
Mean: 14.1124 +/- 0.0096  
Std Dev: 0.3294 +/- 0.0068

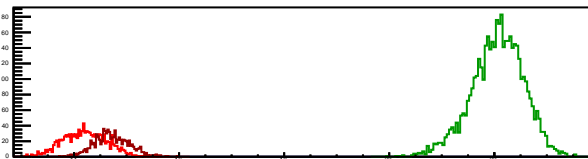


### Cycle 6, Sums

Entries: 1160  
Mean: 14.2051 +/- 0.0121  
Std Dev: 0.4115 +/- 0.0085

Entries: 4581  
Mean: 22.0607 +/- 0.0074  
Std Dev: 0.4981 +/- 0.0052

Entries: 871  
Mean: 14.7198 +/- 0.0113  
Std Dev: 0.3327 +/- 0.0080

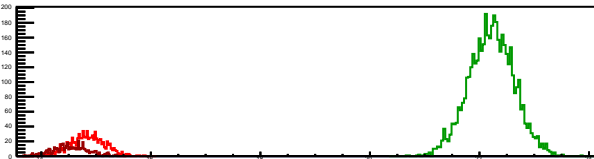


### Cycle 7, Sums

Entries: 891  
Mean: 14.8338 +/- 0.0107  
Std Dev: 0.3199 +/- 0.0076

Entries: 4700  
Mean: 23.0048 +/- 0.0060  
Std Dev: 0.4124 +/- 0.0043

Entries: 522  
Mean: 14.5309 +/- 0.0142  
Std Dev: 0.3252 +/- 0.0101

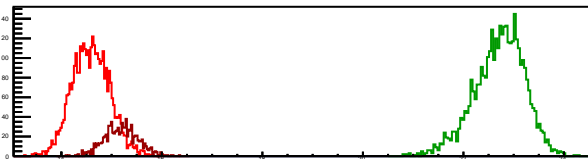


### Cycle 8, Sums

Entries: 3589  
Mean: 14.5900 +/- 0.0062  
Std Dev: 0.3717 +/- 0.0044

Entries: 3750  
Mean: 22.7122 +/- 0.0082  
Std Dev: 0.5009 +/- 0.0058

Entries: 932  
Mean: 15.1895 +/- 0.0109  
Std Dev: 0.3335 +/- 0.0077



### Cycle 9, Sums

Entries: 440  
Mean: 14.7915 +/- 0.0151  
Std Dev: 0.3166 +/- 0.0107

Entries: 4632  
Mean: 23.0048 +/- 0.0060  
Std Dev: 0.4064 +/- 0.0042

Entries: 1064  
Mean: 14.9570 +/- 0.0094  
Std Dev: 0.3055 +/- 0.0066

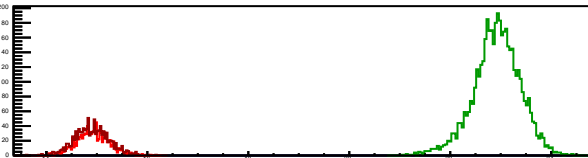


### Cycle 10, Sums

Entries: 1036  
Mean: 14.9118 +/- 0.0099  
Std Dev: 0.3192 +/- 0.0070

Entries: 4661  
Mean: 22.9209 +/- 0.0068  
Std Dev: 0.4649 +/- 0.0048

Entries: 1049  
Mean: 14.8998 +/- 0.0106  
Std Dev: 0.3427 +/- 0.0075

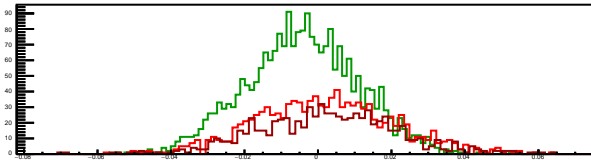


### Cycle 1, Asyms

Entries: 1100  
Mean: 0.0018 +/- 0.0006  
Std Dev: 0.0186 +/- 0.0004

Entries: 2346  
Mean: -0.0042 +/- 0.0003  
Std Dev: 0.0153 +/- 0.0002

Entries: 759  
Mean: 0.0026 +/- 0.0007  
Std Dev: 0.0193 +/- 0.0005

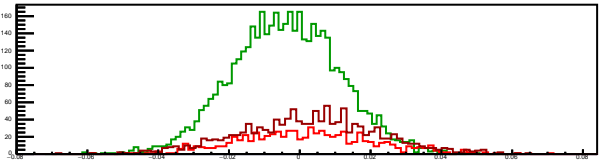


### Cycle 2, Asyms

Entries: 763  
Mean: 0.0019 +/- 0.0007  
Std Dev: 0.0191 +/- 0.0005

Entries: 4596  
Mean: -0.0040 +/- 0.0002  
Std Dev: 0.0151 +/- 0.0002

Entries: 1267  
Mean: 0.0025 +/- 0.0005  
Std Dev: 0.0194 +/- 0.0004

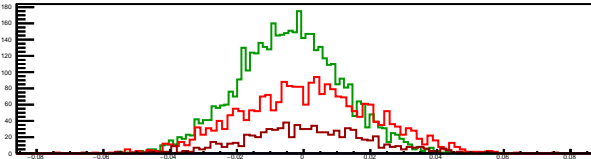


### Cycle 3, Asyms

Entries: 2463  
Mean: 0.0012 +/- 0.0004  
Std Dev: 0.0197 +/- 0.0003

Entries: 4603  
Mean: -0.0043 +/- 0.0002  
Std Dev: 0.0155 +/- 0.0002

Entries: 831  
Mean: 0.0010 +/- 0.0007  
Std Dev: 0.0188 +/- 0.0005

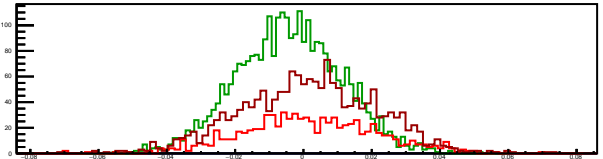


### Cycle 4, Asyms

Entries: 825  
Mean: 0.0015 +/- 0.0007  
Std Dev: 0.0200 +/- 0.0005

Entries: 3049  
Mean: -0.0042 +/- 0.0003  
Std Dev: 0.0153 +/- 0.0002

Entries: 1641  
Mean: 0.0014 +/- 0.0005  
Std Dev: 0.0197 +/- 0.0003

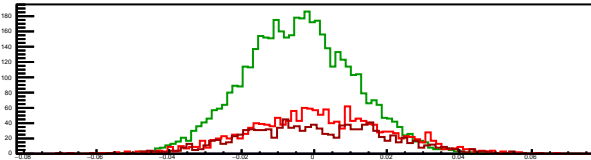


### Cycle 5, Asyms

Entries: 1664  
Mean: 0.0014 +/- 0.0005  
Std Dev: 0.0193 +/- 0.0003

Entries: 4623  
Mean: -0.0042 +/- 0.0002  
Std Dev: 0.0152 +/- 0.0002

Entries: 1181  
Mean: 0.0004 +/- 0.0006  
Std Dev: 0.0197 +/- 0.0004

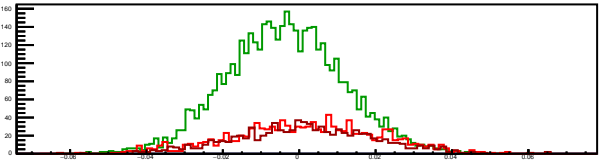


### Cycle 6, Asyms

Entries: 1160  
Mean: 0.0015 +/- 0.0006  
Std Dev: 0.0193 +/- 0.0004

Entries: 4581  
Mean: -0.0039 +/- 0.0002  
Std Dev: 0.0153 +/- 0.0002

Entries: 871  
Mean: 0.0014 +/- 0.0006  
Std Dev: 0.0182 +/- 0.0004

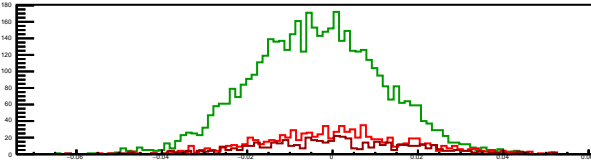


### Cycle 7, Asyms

Entries: 891  
Mean: 0.0008 +/- 0.0006  
Std Dev: 0.0176 +/- 0.0004

Entries: 4700  
Mean: -0.0038 +/- 0.0002  
Std Dev: 0.0154 +/- 0.0002

Entries: 522  
Mean: 0.0004 +/- 0.0008  
Std Dev: 0.0183 +/- 0.0006

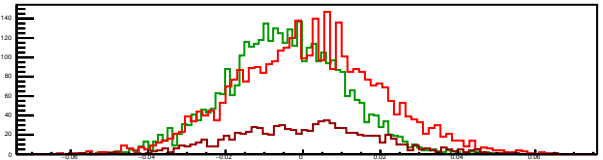


### Cycle 8, Asyms

Entries: 3589  
Mean: 0.0014 +/- 0.0003  
Std Dev: 0.0186 +/- 0.0002

Entries: 3750  
Mean: -0.0047 +/- 0.0002  
Std Dev: 0.0149 +/- 0.0002

Entries: 932  
Mean: 0.0009 +/- 0.0006  
Std Dev: 0.0184 +/- 0.0004

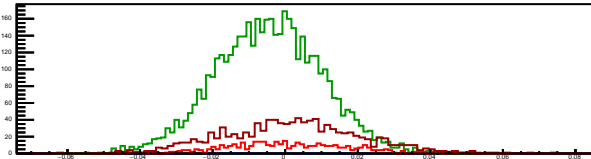


### Cycle 9, Asyms

Entries: 440  
Mean: 0.0012 +/- 0.0008  
Std Dev: 0.0177 +/- 0.0006

Entries: 4632  
Mean: -0.0046 +/- 0.0002  
Std Dev: 0.0146 +/- 0.0002

Entries: 1064  
Mean: 0.0017 +/- 0.0006  
Std Dev: 0.0190 +/- 0.0004



### Cycle 10, Asyms

Entries: 1036  
Mean: 0.0004 +/- 0.0006  
Std Dev: 0.0191 +/- 0.0004

Entries: 4661  
Mean: -0.0046 +/- 0.0002  
Std Dev: 0.0146 +/- 0.0002

Entries: 1049  
Mean: 0.0005 +/- 0.0006  
Std Dev: 0.0181 +/- 0.0004

