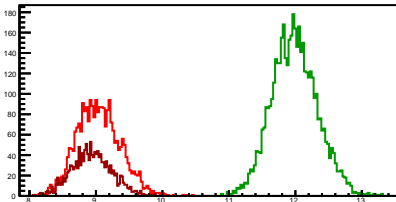


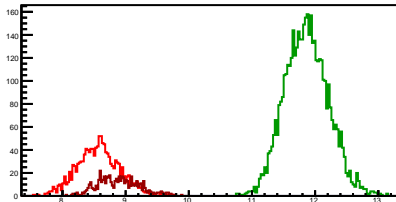
### Cycle 1, PosHel

Entries: 2582	Entries: 4655	Entries: 1500
Mean: 8.0394 +/- 0.0064	Mean: 11.9869 +/- 0.0050	Mean: 8.9378 +/- 0.0078
Std Dev: 0.3239 +/- 0.0045	Std Dev: 0.3442 +/- 0.0036	Std Dev: 0.3007 +/- 0.0055



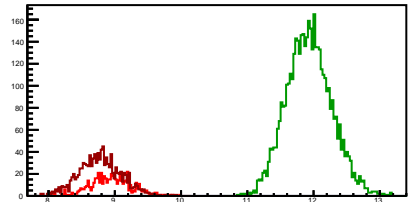
### Cycle 2, PosHel

Entries: 1364	Entries: 4584	Entries: 582
Mean: 8.5646 +/- 0.0090	Mean: 11.8635 +/- 0.0051	Mean: 8.8894 +/- 0.0136
Std Dev: 0.3329 +/- 0.0064	Std Dev: 0.3461 +/- 0.0036	Std Dev: 0.3291 +/- 0.0096



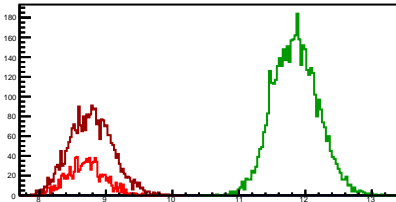
### Cycle 3, PosHel

Entries: 577	Entries: 4596	Entries: 1121
Mean: 8.9466 +/- 0.0128	Mean: 11.9325 +/- 0.0050	Mean: 8.7775 +/- 0.0095
Std Dev: 0.3066 +/- 0.0090	Std Dev: 0.3416 +/- 0.0036	Std Dev: 0.3197 +/- 0.0068



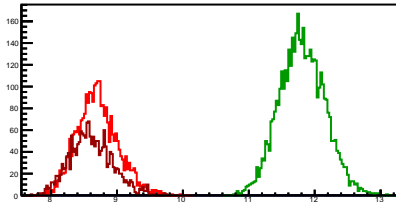
### Cycle 4, PosHel

Entries: 1109	Entries: 4660	Entries: 2794
Mean: 8.7050 +/- 0.0085	Mean: 11.8502 +/- 0.0050	Mean: 8.7809 +/- 0.0062
Std Dev: 0.2839 +/- 0.0060	Std Dev: 0.3397 +/- 0.0035	Std Dev: 0.3260 +/- 0.0044



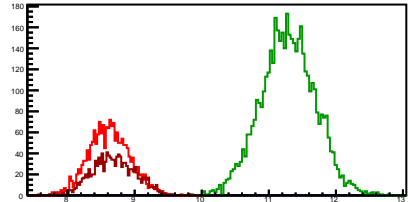
### Cycle 5, PosHel

Entries: 2801	Entries: 4628	Entries: 1892
Mean: 8.7007 +/- 0.0058	Mean: 11.8093 +/- 0.0051	Mean: 8.6089 +/- 0.0074
Std Dev: 0.3088 +/- 0.0041	Std Dev: 0.3436 +/- 0.0036	Std Dev: 0.3226 +/- 0.0052



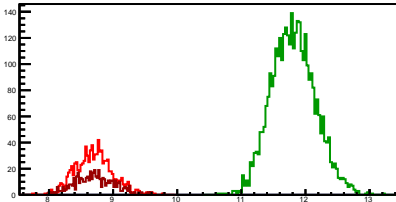
### Cycle 6, PosHel

Entries: 1904	Entries: 4608	Entries: 1195
Mean: 8.6224 +/- 0.0070	Mean: 11.2837 +/- 0.0060	Mean: 8.6906 +/- 0.0091
Std Dev: 0.3048 +/- 0.0049	Std Dev: 0.4056 +/- 0.0042	Std Dev: 0.3141 +/- 0.0064



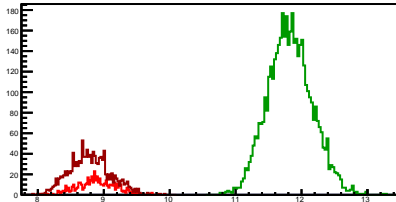
### Cycle 7, PosHel

Entries: 951	Entries: 3636	Entries: 515
Mean: 8.7033 +/- 0.0095	Mean: 11.8118 +/- 0.0057	Mean: 8.7098 +/- 0.0136
Std Dev: 0.2938 +/- 0.0067	Std Dev: 0.3424 +/- 0.0040	Std Dev: 0.3082 +/- 0.0096



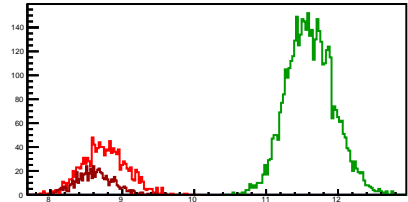
### Cycle 8, PosHel

Entries: 501	Entries: 4607	Entries: 1280
Mean: 8.8928 +/- 0.0127	Mean: 11.8250 +/- 0.0050	Mean: 8.7935 +/- 0.0086
Std Dev: 0.2841 +/- 0.0090	Std Dev: 0.3372 +/- 0.0035	Std Dev: 0.3089 +/- 0.0061



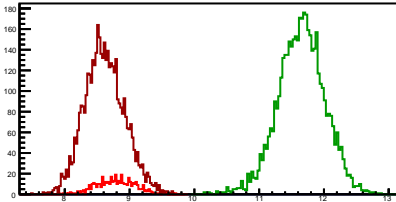
### Cycle 9, PosHel

Entries: 1294	Entries: 4569	Entries: 633
Mean: 8.7555 +/- 0.0086	Mean: 11.6140 +/- 0.0048	Mean: 8.6189 +/- 0.0104
Std Dev: 0.3094 +/- 0.0061	Std Dev: 0.3267 +/- 0.0034	Std Dev: 0.2612 +/- 0.0073



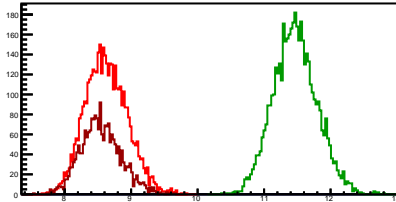
### Cycle 10, PosHel

Entries: 475	Entries: 4567	Entries: 4271
Mean: 8.7913 +/- 0.0142	Mean: 11.6500 +/- 0.0054	Mean: 8.6141 +/- 0.0047
Std Dev: 0.3103 +/- 0.0101	Std Dev: 0.3649 +/- 0.0038	Std Dev: 0.3091 +/- 0.0033



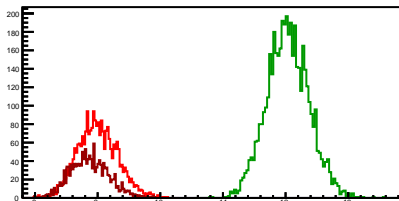
### Cycle 11, PosHel

Entries: 4301	Entries: 4670	Entries: 2155
Mean: 8.6249 +/- 0.0048	Mean: 11.4675 +/- 0.0048	Mean: 8.5470 +/- 0.0065
Std Dev: 0.3160 +/- 0.0034	Std Dev: 0.3281 +/- 0.0034	Std Dev: 0.3034 +/- 0.0046



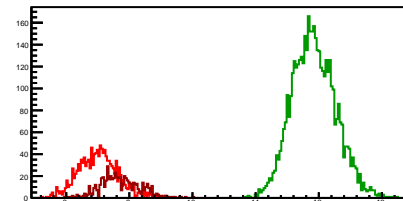
### Cycle 1, NegHel

Entries: 2582	Entries: 655	Entries: 1500
Mean: 8.9970 +/- 0.0063	Mean: 12.0363 +/- 0.0049	Mean: 8.8720 +/- 0.0079
Std Dev: 0.3195 +/- 0.0044	Std Dev: 0.3377 +/- 0.0035	Std Dev: 0.3078 +/- 0.0056



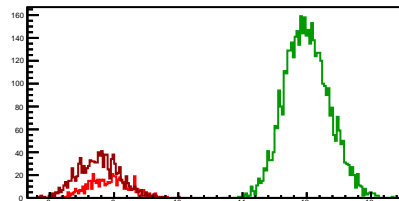
### Cycle 2, NegHel

Entries: 1364	Entries: 4584	Entries: 582
Mean: 8.5128 +/- 0.0085	Mean: 11.9212 +/- 0.0051	Mean: 8.8548 +/- 0.0130
Std Dev: 0.3142 +/- 0.0060	Std Dev: 0.3442 +/- 0.0036	Std Dev: 0.3132 +/- 0.0092



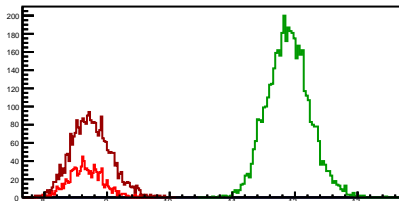
### Cycle 3, NegHel

Entries: 577	Entries: 4596	Entries: 1121
Mean: 8.9181 +/- 0.0130	Mean: 12.0029 +/- 0.0051	Mean: 8.7621 +/- 0.0097
Std Dev: 0.3121 +/- 0.0092	Std Dev: 0.3456 +/- 0.0036	Std Dev: 0.3235 +/- 0.0068



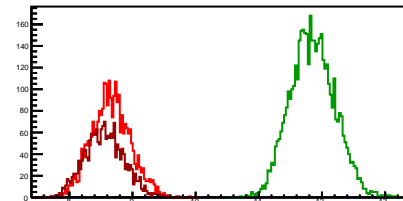
### Cycle 4, NegHel

Entries: 1109	Entries: 4660	Entries: 2794
Mean: 8.6624 +/- 0.0083	Mean: 11.8939 +/- 0.0049	Mean: 8.7443 +/- 0.0060
Std Dev: 0.2754 +/- 0.0058	Std Dev: 0.3357 +/- 0.0035	Std Dev: 0.3158 +/- 0.0042



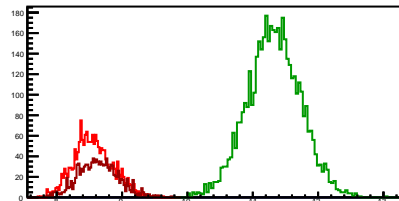
### Cycle 5, NegHel

Entries: 2801	Entries: 4628	Entries: 1892
Mean: 8.6578 +/- 0.0058	Mean: 11.8497 +/- 0.0051	Mean: 8.5567 +/- 0.0072
Std Dev: 0.3071 +/- 0.0041	Std Dev: 0.3498 +/- 0.0036	Std Dev: 0.3114 +/- 0.0051



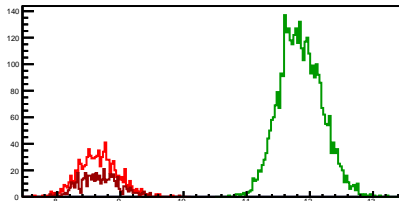
### Cycle 6, NegHel

Entries: 1904	Entries: 4608	Entries: 1195
Mean: 8.5596 +/- 0.0069	Mean: 11.3221 +/- 0.0061	Mean: 8.6403 +/- 0.0089
Std Dev: 0.3011 +/- 0.0049	Std Dev: 0.4113 +/- 0.0043	Std Dev: 0.3073 +/- 0.0063



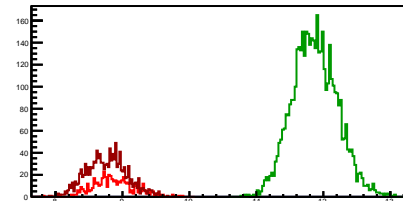
### Cycle 7, NegHel

Entries: 951	Entries: 3636	Entries: 515
Mean: 8.6517 +/- 0.0101	Mean: 11.8512 +/- 0.0056	Mean: 8.6767 +/- 0.0141
Std Dev: 0.3110 +/- 0.0071	Std Dev: 0.3387 +/- 0.0040	Std Dev: 0.3189 +/- 0.0099



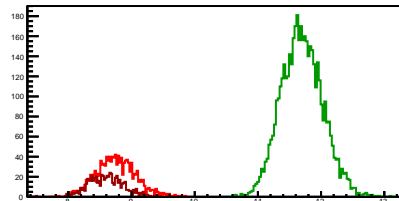
### Cycle 8, NegHel

Entries: 501	Entries: 4607	Entries: 1280
Mean: 8.8718 +/- 0.0139	Mean: 11.8725 +/- 0.0049	Mean: 8.7655 +/- 0.0084
Std Dev: 0.3114 +/- 0.0098	Std Dev: 0.3359 +/- 0.0035	Std Dev: 0.3020 +/- 0.0060



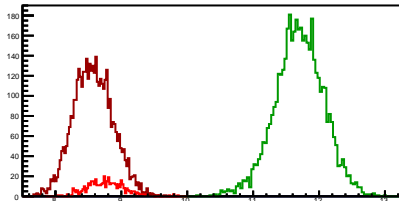
### Cycle 9, NegHel

Entries: 1294	Entries: 4569	Entries: 633
Mean: 8.7500 +/- 0.0087	Mean: 11.6960 +/- 0.0048	Mean: 8.5949 +/- 0.0107
Std Dev: 0.3125 +/- 0.0061	Std Dev: 0.3271 +/- 0.0034	Std Dev: 0.2703 +/- 0.0076



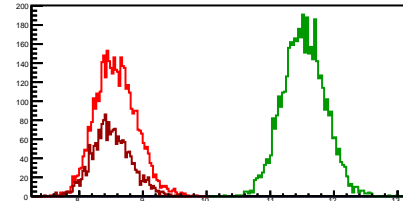
### Cycle 10, NegHel

Entries: 475	Entries: 4567	Entries: 4271
Mean: 8.7801 +/- 0.0135	Mean: 11.6975 +/- 0.0055	Mean: 8.5733 +/- 0.0046
Std Dev: 0.2939 +/- 0.0095	Std Dev: 0.3722 +/- 0.0039	Std Dev: 0.3009 +/- 0.0033



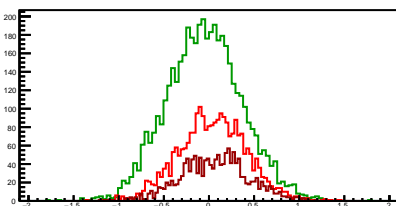
### Cycle 11, NegHel

Entries: 4301	Entries: 4670	Entries: 2155
Mean: 8.5788 +/- 0.0049	Mean: 11.5252 +/- 0.0049	Mean: 8.5109 +/- 0.0066
Std Dev: 0.3216 +/- 0.0035	Std Dev: 0.3323 +/- 0.0034	Std Dev: 0.3068 +/- 0.0047



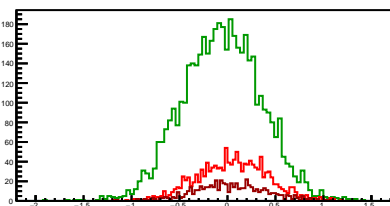
### Cycle 1, Diffs

Entries: 2582	Entries: 4655	Entries: 1500
Mean: 0.0424 +/- 0.0074	Mean: -0.0494 +/- 0.0061	Mean: 0.0657 +/- 0.0096
Std Dev: 0.3780 +/- 0.0053	Std Dev: 0.4167 +/- 0.0043	Std Dev: 0.3717 +/- 0.0068



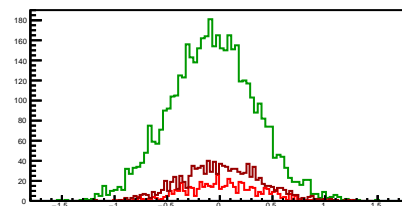
### Cycle 2, Diffs

Entries: 1364	Entries: 4584	Entries: 582
Mean: 0.0518 +/- 0.0100	Mean: -0.0577 +/- 0.0061	Mean: 0.0346 +/- 0.0155
Std Dev: 0.3695 +/- 0.0071	Std Dev: 0.4105 +/- 0.0043	Std Dev: 0.3728 +/- 0.0109



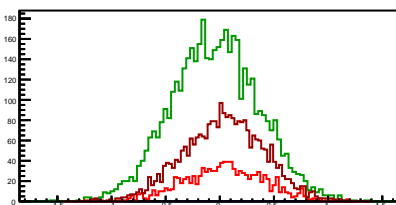
### Cycle 3, Diffs

Entries: 577	Entries: 4596	Entries: 1121
Mean: 0.0285 +/- 0.0151	Mean: -0.0703 +/- 0.0060	Mean: 0.0154 +/- 0.0110
Std Dev: 0.3624 +/- 0.0107	Std Dev: 0.4052 +/- 0.0042	Std Dev: 0.3697 +/- 0.0078



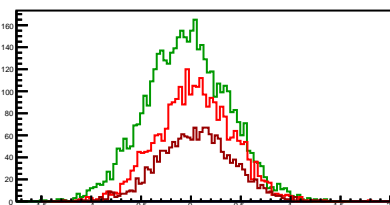
### Cycle 4, Diffs

Entries: 1109	Entries: 4660	Entries: 2794
Mean: 0.0427 +/- 0.0112	Mean: -0.0437 +/- 0.0059	Mean: 0.0366 +/- 0.0070
Std Dev: 0.3745 +/- 0.0080	Std Dev: 0.4034 +/- 0.0042	Std Dev: 0.3712 +/- 0.0050



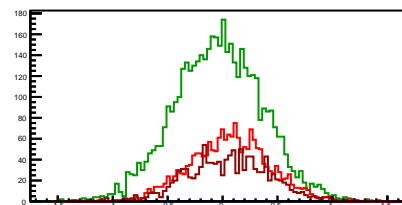
### Cycle 5, Diffs

Entries: 2801	Entries: 4628	Entries: 1892
Mean: 0.0429 +/- 0.0070	Mean: -0.0404 +/- 0.0060	Mean: 0.0522 +/- 0.0084
Std Dev: 0.3726 +/- 0.0050	Std Dev: 0.4108 +/- 0.0043	Std Dev: 0.3649 +/- 0.0059



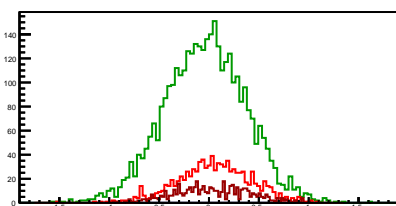
### Cycle 6, Diffs

Entries: 1904	Entries: 4608	Entries: 1195
Mean: 0.0629 +/- 0.0082	Mean: -0.0384 +/- 0.0059	Mean: 0.0503 +/- 0.0110
Std Dev: 0.3584 +/- 0.0058	Std Dev: 0.4000 +/- 0.0042	Std Dev: 0.3794 +/- 0.0078



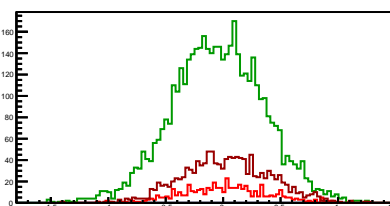
### Cycle 7, Diffs

Entries: 951	Entries: 3636	Entries: 515
Mean: 0.0516 +/- 0.0121	Mean: -0.0394 +/- 0.0068	Mean: 0.0331 +/- 0.0166
Std Dev: 0.3723 +/- 0.0085	Std Dev: 0.4096 +/- 0.0048	Std Dev: 0.3758 +/- 0.0117



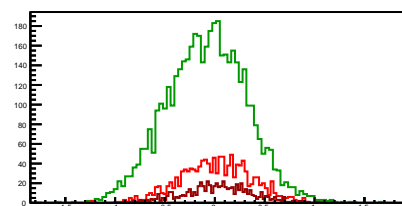
### Cycle 8, Diffs

Entries: 501	Entries: 4607	Entries: 1280
Mean: 0.0210 +/- 0.0168	Mean: -0.0475 +/- 0.0059	Mean: 0.0280 +/- 0.0105
Std Dev: 0.3768 +/- 0.0119	Std Dev: 0.4004 +/- 0.0042	Std Dev: 0.3751 +/- 0.0074



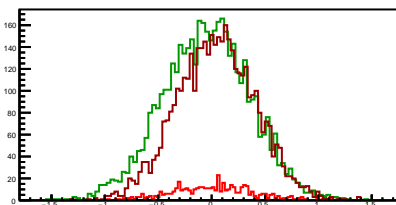
### Cycle 9, Diffs

Entries: 1294	Entries: 4569	Entries: 633
Mean: 0.0055 +/- 0.0100	Mean: -0.0820 +/- 0.0059	Mean: 0.0241 +/- 0.0136
Std Dev: 0.3587 +/- 0.0071	Std Dev: 0.3997 +/- 0.0042	Std Dev: 0.3412 +/- 0.0096



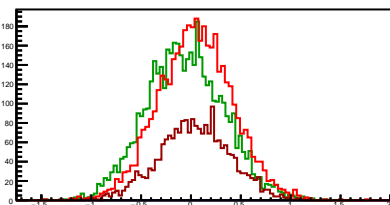
### Cycle 10, Diffs

Entries: 475	Entries: 4567	Entries: 4271
Mean: 0.0111 +/- 0.0171	Mean: -0.0476 +/- 0.0060	Mean: 0.0408 +/- 0.0056
Std Dev: 0.3725 +/- 0.0121	Std Dev: 0.4077 +/- 0.0043	Std Dev: 0.3664 +/- 0.0040



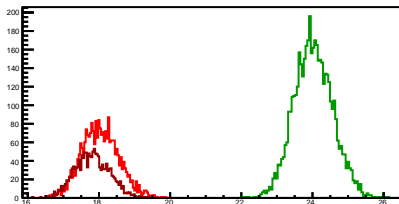
### Cycle 11, Diffs

Entries: 4301	Entries: 4670	Entries: 2155
Mean: 0.0461 +/- 0.0056	Mean: -0.0578 +/- 0.0057	Mean: 0.0361 +/- 0.0077
Std Dev: 0.3698 +/- 0.0040	Std Dev: 0.3871 +/- 0.0040	Std Dev: 0.3567 +/- 0.0054



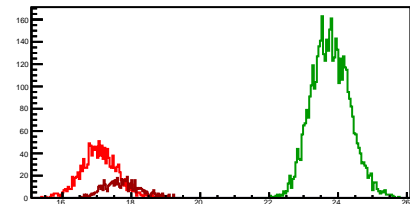
### Cycle 1, Sums

Entries: 2582	Entries: 4655	Entries: 1500
Mean: 18.0363 +/- 0.0102	Mean: 24.0232 +/- 0.0079	Mean: 17.8098 +/- 0.0124
Std Dev: 0.5207 +/- 0.0072	Std Dev: 0.5398 +/- 0.0056	Std Dev: 0.4819 +/- 0.0088



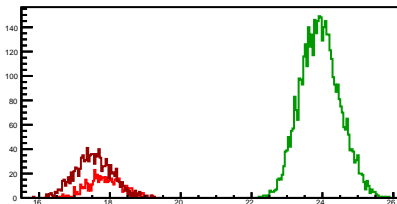
### Cycle 2, Sums

Entries: 1364	Entries: 4584	Entries: 582
Mean: 17.0774 +/- 0.0144	Mean: 23.7847 +/- 0.0082	Mean: 17.7442 +/- 0.0217
Std Dev: 0.5315 +/- 0.0102	Std Dev: 0.5550 +/- 0.0058	Std Dev: 0.5233 +/- 0.0153



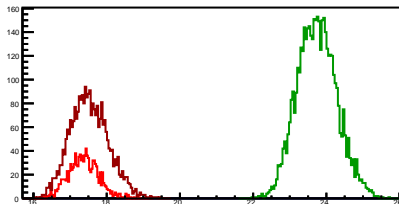
### Cycle 3, Sums

Entries: 577	Entries: 4596	Entries: 1121
Mean: 17.8647 +/- 0.0209	Mean: 23.9354 +/- 0.0082	Mean: 17.5397 +/- 0.0157
Std Dev: 0.5015 +/- 0.0148	Std Dev: 0.5550 +/- 0.0058	Std Dev: 0.5264 +/- 0.0111



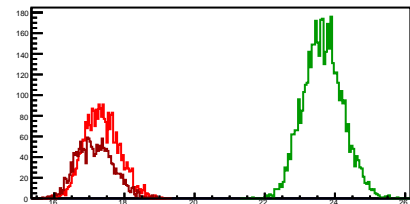
### Cycle 4, Sums

Entries: 1109	Entries: 4660	Entries: 2794
Mean: 17.3674 +/- 0.0125	Mean: 23.7441 +/- 0.0079	Mean: 17.5252 +/- 0.0099
Std Dev: 0.4155 +/- 0.0088	Std Dev: 0.5416 +/- 0.0056	Std Dev: 0.5237 +/- 0.0070



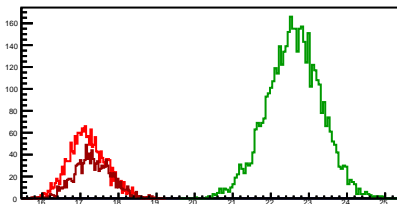
### Cycle 5, Sums

Entries: 2801	Entries: 4628	Entries: 1892
Mean: 17.3585 +/- 0.0093	Mean: 23.6590 +/- 0.0082	Mean: 17.1656 +/- 0.0119
Std Dev: 0.4904 +/- 0.0066	Std Dev: 0.5587 +/- 0.0058	Std Dev: 0.5186 +/- 0.0084



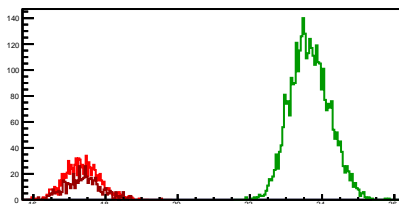
### Cycle 6, Sums

Entries: 1904	Entries: 4608	Entries: 1195
Mean: 17.1820 +/- 0.0112	Mean: 22.6058 +/- 0.0105	Mean: 17.3310 +/- 0.0142
Std Dev: 0.4885 +/- 0.0079	Std Dev: 0.7123 +/- 0.0074	Std Dev: 0.4922 +/- 0.0101



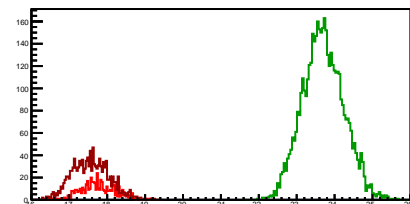
### Cycle 7, Sums

Entries: 951	Entries: 3636	Entries: 515
Mean: 17.3549 +/- 0.0155	Mean: 23.8630 +/- 0.0090	Mean: 17.3865 +/- 0.0221
Std Dev: 0.4770 +/- 0.0109	Std Dev: 0.5443 +/- 0.0064	Std Dev: 0.5021 +/- 0.0156



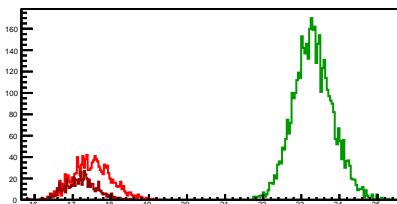
### Cycle 8, Sums

Entries: 501	Entries: 4607	Entries: 1280
Mean: 17.7646 +/- 0.0206	Mean: 23.6975 +/- 0.0080	Mean: 17.5590 +/- 0.0135
Std Dev: 0.4620 +/- 0.0146	Std Dev: 0.5410 +/- 0.0056	Std Dev: 0.4822 +/- 0.0095



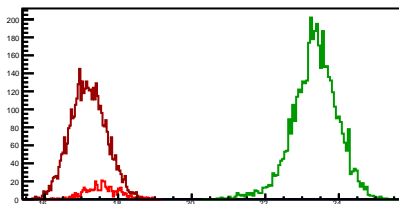
### Cycle 9, Sums

Entries: 1294	Entries: 4569	Entries: 633
Mean: 17.5055 +/- 0.0141	Mean: 23.3100 +/- 0.0077	Mean: 17.2138 +/- 0.0162
Std Dev: 0.5081 +/- 0.0100	Std Dev: 0.5174 +/- 0.0054	Std Dev: 0.4075 +/- 0.0115



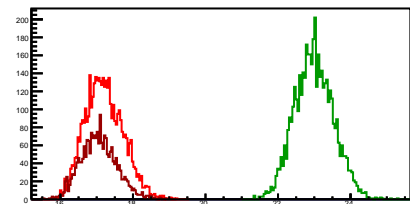
### Cycle 10, Sums

Entries: 475	Entries: 4567	Entries: 4271
Mean: 17.5714 +/- 0.0218	Mean: 23.3475 +/- 0.0091	Mean: 17.1874 +/- 0.0075
Std Dev: 0.4760 +/- 0.0154	Std Dev: 0.6141 +/- 0.0064	Std Dev: 0.4878 +/- 0.0053



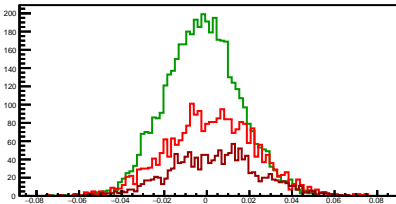
### Cycle 11, Sums

Entries: 4301	Entries: 4670	Entries: 2155
Mean: 17.2037 +/- 0.0079	Mean: 22.9927 +/- 0.0078	Mean: 17.0579 +/- 0.0107
Std Dev: 0.5194 +/- 0.0056	Std Dev: 0.5351 +/- 0.0055	Std Dev: 0.4951 +/- 0.0075



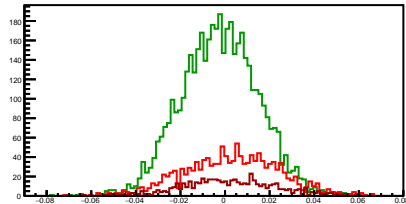
### Cycle 1, Asyms

Entries: 2582	Entries: 4655	Entries: 1500
Mean: 0.0023 +/- 0.0004	Mean: -0.0021 +/- 0.0003	Mean: 0.0037 +/- 0.0005
Std Dev: 0.0209 +/- 0.0003	Std Dev: 0.0173 +/- 0.0002	Std Dev: 0.0208 +/- 0.0004



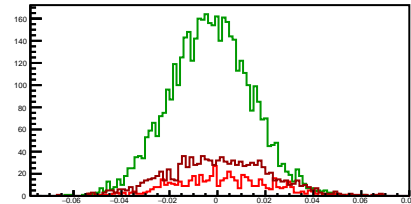
### Cycle 2, Asyms

Entries: 1364	Entries: 4584	Entries: 582
Mean: 0.0030 +/- 0.0006	Mean: -0.0024 +/- 0.0003	Mean: 0.0019 +/- 0.0009
Std Dev: 0.0216 +/- 0.0004	Std Dev: 0.0172 +/- 0.0002	Std Dev: 0.0210 +/- 0.0004



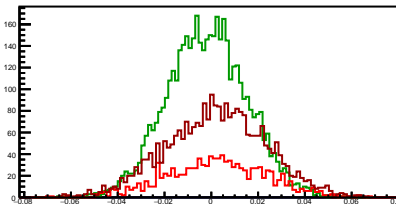
### Cycle 3, Asyms

Entries: 577	Entries: 4596	Entries: 1121
Mean: 0.0016 +/- 0.0008	Mean: -0.0029 +/- 0.0002	Mean: 0.0009 +/- 0.0006
Std Dev: 0.0202 +/- 0.0006	Std Dev: 0.0169 +/- 0.0002	Std Dev: 0.0210 +/- 0.0004



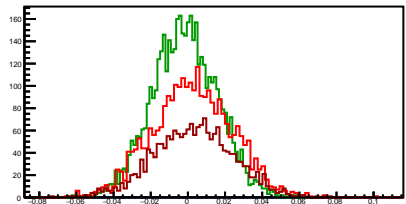
### Cycle 4, Asyms

Entries: 1109	Entries: 4660	Entries: 2794
Mean: 0.0024 +/- 0.0006	Mean: -0.0018 +/- 0.0002	Mean: 0.0021 +/- 0.0004
Std Dev: 0.0215 +/- 0.0005	Std Dev: 0.0170 +/- 0.0002	Std Dev: 0.0211 +/- 0.0003



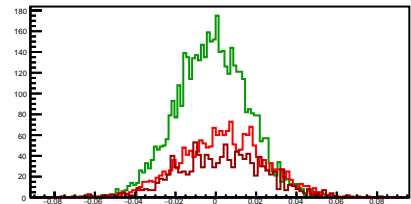
### Cycle 5, Asyms

Entries: 2801	Entries: 4628	Entries: 1892
Mean: 0.0025 +/- 0.0004	Mean: -0.0017 +/- 0.0003	Mean: 0.0030 +/- 0.0005
Std Dev: 0.0214 +/- 0.0003	Std Dev: 0.0173 +/- 0.0002	Std Dev: 0.0212 +/- 0.0003



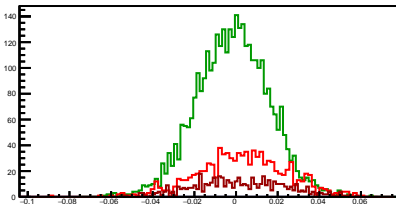
### Cycle 6, Asyms

Entries: 1904	Entries: 4608	Entries: 1195
Mean: 0.0037 +/- 0.0005	Mean: -0.0017 +/- 0.0003	Mean: 0.0029 +/- 0.0006
Std Dev: 0.0208 +/- 0.0003	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0218 +/- 0.0004



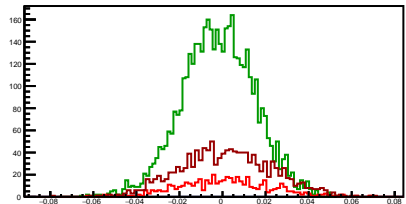
### Cycle 7, Asyms

Entries: 951	Entries: 3636	Entries: 515
Mean: 0.0030 +/- 0.0007	Mean: -0.0017 +/- 0.0003	Mean: 0.0019 +/- 0.0009
Std Dev: 0.0214 +/- 0.0005	Std Dev: 0.0173 +/- 0.0002	Std Dev: 0.0216 +/- 0.0007



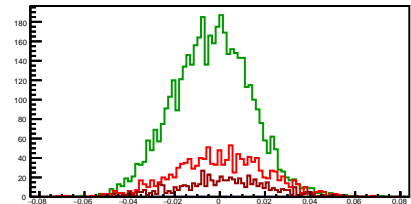
### Cycle 8, Asyms

Entries: 501	Entries: 4607	Entries: 1280
Mean: 0.0012 +/- 0.0009	Mean: -0.0020 +/- 0.0002	Mean: 0.0016 +/- 0.0006
Std Dev: 0.0212 +/- 0.0007	Std Dev: 0.0169 +/- 0.0002	Std Dev: 0.0213 +/- 0.0004



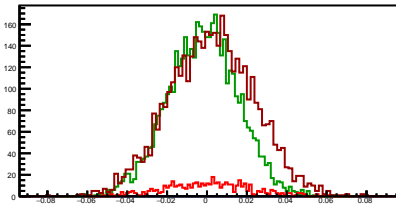
### Cycle 9, Asyms

Entries: 1294	Entries: 4569	Entries: 633
Mean: 0.0003 +/- 0.0006	Mean: -0.0035 +/- 0.0003	Mean: 0.0014 +/- 0.0008
Std Dev: 0.0205 +/- 0.0004	Std Dev: 0.0171 +/- 0.0002	Std Dev: 0.0198 +/- 0.0006



### Cycle 10, Asyms

Entries: 475	Entries: 4567	Entries: 4271
Mean: 0.0006 +/- 0.0010	Mean: -0.0020 +/- 0.0003	Mean: 0.0024 +/- 0.0003
Std Dev: 0.0211 +/- 0.0007	Std Dev: 0.0175 +/- 0.0002	Std Dev: 0.0213 +/- 0.0002



### Cycle 11, Asyms

Entries: 4301	Entries: 4670	Entries: 2155
Mean: 0.0027 +/- 0.0003	Mean: -0.0025 +/- 0.0002	Mean: 0.0021 +/- 0.0004
Std Dev: 0.0215 +/- 0.0002	Std Dev: 0.0168 +/- 0.0002	Std Dev: 0.0208 +/- 0.0003

