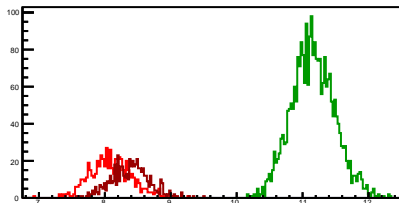


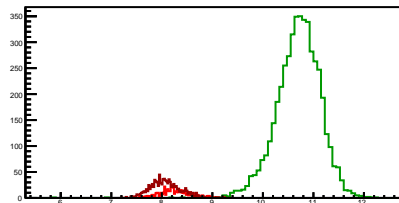
Cycle 1, PosHel

Entries: 596	Entries: 2598	Entries: 535
Mean: 8.0945 +/- 0.0129	Mean: 11.1583 +/- 0.0065	Mean: 8.3903 +/- 0.0127
Std Dev: 0.3112 +/- 0.0091	Std Dev: 0.3288 +/- 0.0046	Std Dev: 0.2932 +/- 0.0090



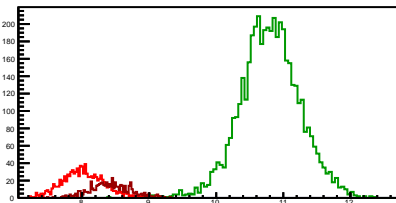
Cycle 2, PosHel

Entries: 513	Entries: 4676	Entries: 1017
Mean: 8.2636 +/- 0.0135	Mean: 10.6980 +/- 0.0064	Mean: 8.0723 +/- 0.0095
Std Dev: 0.3069 +/- 0.0096	Std Dev: 0.4369 +/- 0.0045	Std Dev: 0.3026 +/- 0.0067



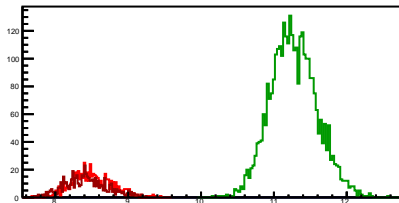
Cycle 3, PosHel

Entries: 1018	Entries: 4618	Entries: 562
Mean: 8.0163 +/- 0.0096	Mean: 10.8022 +/- 0.0066	Mean: 8.4236 +/- 0.0127
Std Dev: 0.3061 +/- 0.0068	Std Dev: 0.4463 +/- 0.0046	Std Dev: 0.3010 +/- 0.0090



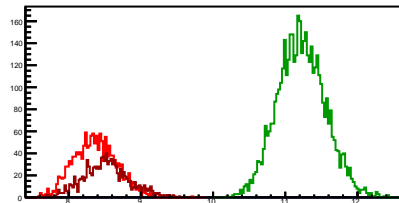
Cycle 4, PosHel

Entries: 563	Entries: 3372	Entries: 549
Mean: 8.5084 +/- 0.0120	Mean: 11.2717 +/- 0.0055	Mean: 8.4234 +/- 0.0126
Std Dev: 0.2839 +/- 0.0085	Std Dev: 0.3201 +/- 0.0039	Std Dev: 0.2945 +/- 0.0089



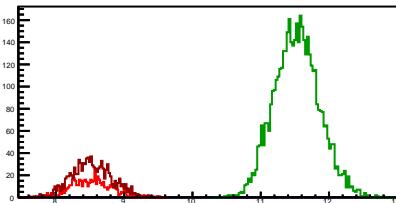
Cycle 5, PosHel

Entries: 1605	Entries: 4583	Entries: 1091
Mean: 8.3731 +/- 0.0075	Mean: 11.2230 +/- 0.0049	Mean: 8.5193 +/- 0.0095
Std Dev: 0.3024 +/- 0.0053	Std Dev: 0.3315 +/- 0.0035	Std Dev: 0.3139 +/- 0.0067



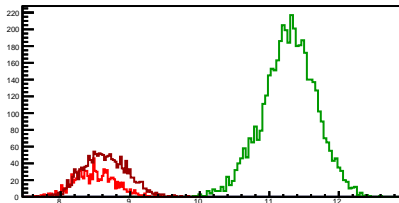
Cycle 6, PosHel

Entries: 559	Entries: 4636	Entries: 1057
Mean: 8.5082 +/- 0.0120	Mean: 11.5274 +/- 0.0048	Mean: 8.5212 +/- 0.0091
Std Dev: 0.2848 +/- 0.0085	Std Dev: 0.3296 +/- 0.0034	Std Dev: 0.2958 +/- 0.0064



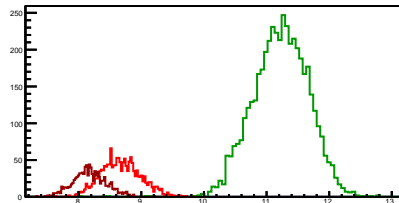
Cycle 7, PosHel

Entries: 1044	Entries: 4627	Entries: 1627
Mean: 8.4885 +/- 0.0089	Mean: 11.2835 +/- 0.0057	Mean: 8.6384 +/- 0.0078
Std Dev: 0.2888 +/- 0.0063	Std Dev: 0.3865 +/- 0.0040	Std Dev: 0.3165 +/- 0.0055



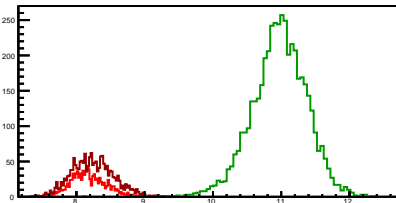
Cycle 8, PosHel

Entries: 1621	Entries: 4616	Entries: 1037
Mean: 8.6757 +/- 0.0079	Mean: 11.2235 +/- 0.0064	Mean: 8.1715 +/- 0.0082
Std Dev: 0.3179 +/- 0.0056	Std Dev: 0.4377 +/- 0.0046	Std Dev: 0.2642 +/- 0.0058



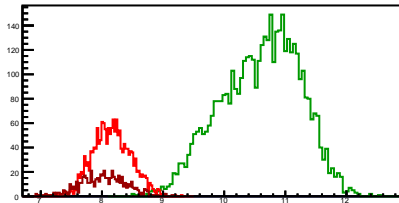
Cycle 9, PosHel

Entries: 1033	Entries: 4663	Entries: 1766
Mean: 8.1793 +/- 0.0083	Mean: 10.9699 +/- 0.0059	Mean: 8.2365 +/- 0.0072
Std Dev: 0.2677 +/- 0.0059	Std Dev: 0.4047 +/- 0.0042	Std Dev: 0.3037 +/- 0.0051



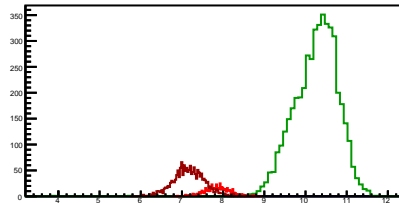
Cycle 10, PosHel

Entries: 1714	Entries: 4593	Entries: 582
Mean: 8.1629 +/- 0.0075	Mean: 10.5927 +/- 0.0095	Mean: 8.0110 +/- 0.0154
Std Dev: 0.3097 +/- 0.0053	Std Dev: 0.6471 +/- 0.0068	Std Dev: 0.3724 +/- 0.0109



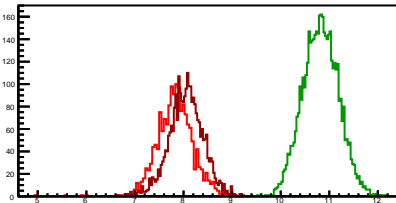
Cycle 11, PosHel

Entries: 576	Entries: 4661	Entries: 1634
Mean: 7.8521 +/- 0.0127	Mean: 10.2539 +/- 0.0077	Mean: 7.1657 +/- 0.0092
Std Dev: 0.3056 +/- 0.0090	Std Dev: 0.5270 +/- 0.0055	Std Dev: 0.3739 +/- 0.0065



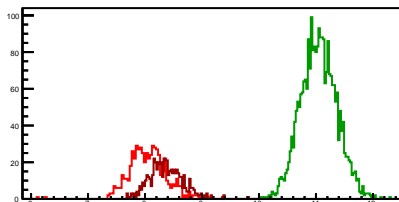
Cycle 12, PosHel

Entries: 1621	Entries: 4681	Entries: 2681
Mean: 7.8211 +/- 0.0091	Mean: 10.8225 +/- 0.0054	Mean: 8.0480 +/- 0.0068
Std Dev: 0.3669 +/- 0.0064	Std Dev: 0.3664 +/- 0.0038	Std Dev: 0.3537 +/- 0.0048



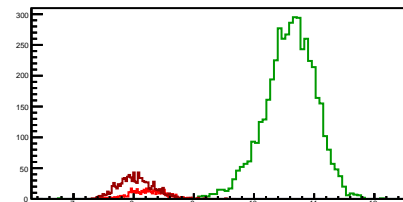
Cycle 1, NegHel

Entries: 596	Entries: 2598	Entries: 535
Mean: 8.0502 +/- 0.0136	Mean: 11.0501 +/- 0.0062	Mean: 8.3758 +/- 0.0128
Std Dev: 0.3287 +/- 0.0096	Std Dev: 0.3142 +/- 0.0044	Std Dev: 0.2969 +/- 0.0091



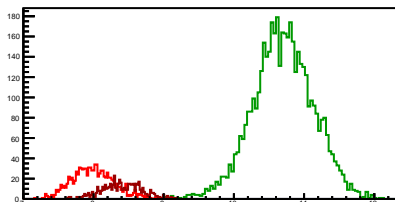
Cycle 2, NegHel

Entries: 513	Entries: 4676	Entries: 1017
Mean: 8.2241 +/- 0.0131	Mean: 10.5943 +/- 0.0063	Mean: 8.0458 +/- 0.0095
Std Dev: 0.2967 +/- 0.0093	Std Dev: 0.4321 +/- 0.0045	Std Dev: 0.3017 +/- 0.0067



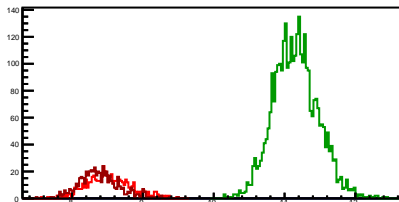
Cycle 3, NegHel

Entries: 1018	Entries: 4618	Entries: 562
Mean: 7.9941 +/- 0.0093	Mean: 10.6983 +/- 0.0064	Mean: 8.4032 +/- 0.0120
Std Dev: 0.2978 +/- 0.0066	Std Dev: 0.4345 +/- 0.0045	Std Dev: 0.2853 +/- 0.0085



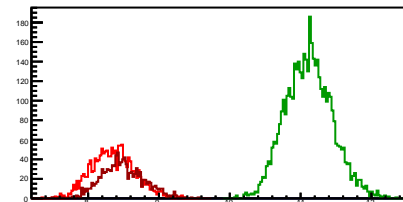
Cycle 4, NegHel

Entries: 563	Entries: 3372	Entries: 549
Mean: 8.5189 +/- 0.0133	Mean: 11.1564 +/- 0.0055	Mean: 8.3886 +/- 0.0123
Std Dev: 0.3154 +/- 0.0094	Std Dev: 0.3167 +/- 0.0039	Std Dev: 0.2872 +/- 0.0087



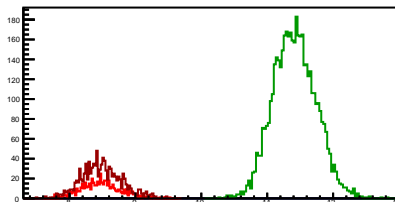
Cycle 5, NegHel

Entries: 1605	Entries: 4583	Entries: 1091
Mean: 8.3525 +/- 0.0076	Mean: 11.1157 +/- 0.0049	Mean: 8.4872 +/- 0.0090
Std Dev: 0.3060 +/- 0.0054	Std Dev: 0.3312 +/- 0.0035	Std Dev: 0.2988 +/- 0.0064



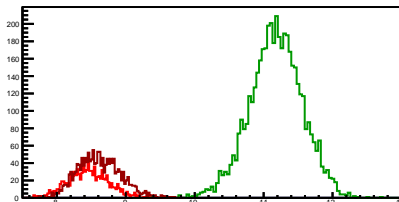
Cycle 6, NegHel

Entries: 559	Entries: 4636	Entries: 1057
Mean: 8.4785 +/- 0.0128	Mean: 11.4158 +/- 0.0048	Mean: 8.4867 +/- 0.0093
Std Dev: 0.3016 +/- 0.0090	Std Dev: 0.3253 +/- 0.0034	Std Dev: 0.3032 +/- 0.0066



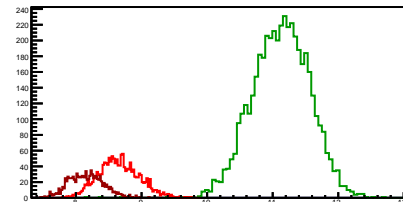
Cycle 7, NegHel

Entries: 1044	Entries: 4627	Entries: 1627
Mean: 8.4522 +/- 0.0091	Mean: 11.1769 +/- 0.0056	Mean: 8.6087 +/- 0.0076
Std Dev: 0.2945 +/- 0.0064	Std Dev: 0.3839 +/- 0.0040	Std Dev: 0.3082 +/- 0.0054



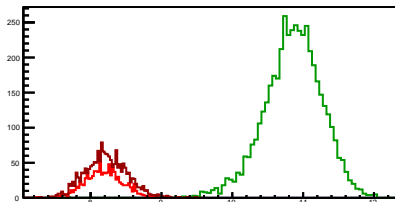
Cycle 8, NegHel

Entries: 1621	Entries: 4616	Entries: 1037
Mean: 8.6528 +/- 0.0077	Mean: 11.1228 +/- 0.0064	Mean: 8.1560 +/- 0.0081
Std Dev: 0.3115 +/- 0.0055	Std Dev: 0.4371 +/- 0.0045	Std Dev: 0.2609 +/- 0.0057



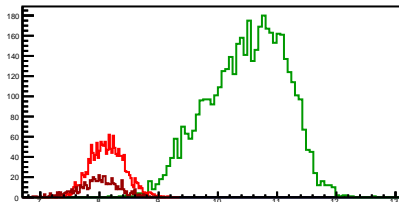
Cycle 9, NegHel

Entries: 1033	Entries: 4663	Entries: 1766
Mean: 8.1837 +/- 0.0083	Mean: 10.8529 +/- 0.0060	Mean: 8.2179 +/- 0.0071
Std Dev: 0.2676 +/- 0.0059	Std Dev: 0.4113 +/- 0.0043	Std Dev: 0.2981 +/- 0.0050



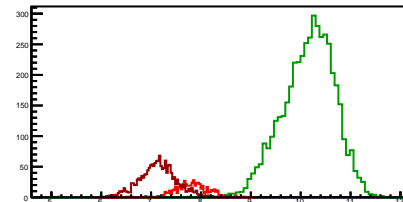
Cycle 10, NegHel

Entries: 1714	Entries: 4593	Entries: 582
Mean: 8.1402 +/- 0.0070	Mean: 10.4914 +/- 0.0097	Mean: 7.9851 +/- 0.0145
Std Dev: 0.2910 +/- 0.0050	Std Dev: 0.6551 +/- 0.0068	Std Dev: 0.3495 +/- 0.0102



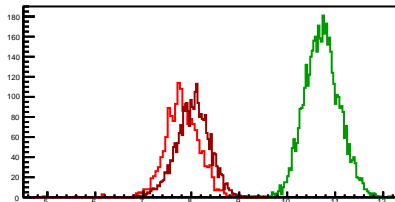
Cycle 11, NegHel

Entries: 576	Entries: 4661	Entries: 1634
Mean: 7.8267 +/- 0.0134	Mean: 10.1528 +/- 0.0077	Mean: 7.1413 +/- 0.0092
Std Dev: 0.3219 +/- 0.0095	Std Dev: 0.5247 +/- 0.0054	Std Dev: 0.3711 +/- 0.0065



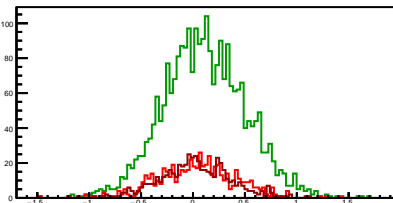
Cycle 12, NegHel

Entries: 1621	Entries: 4681	Entries: 2681
Mean: 7.8119 +/- 0.0091	Mean: 10.7276 +/- 0.0053	Mean: 8.0307 +/- 0.0068
Std Dev: 0.3660 +/- 0.0064	Std Dev: 0.3632 +/- 0.0038	Std Dev: 0.3498 +/- 0.0048



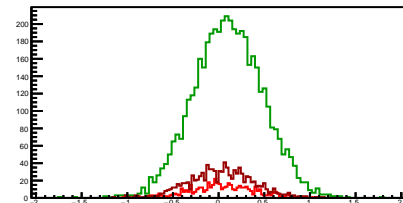
Cycle 1, Diffs

Entries: 596	Entries: 2598	Entries: 535
Mean: 0.0443 +/- 0.0152	Mean: 0.1082 +/- 0.0077	Mean: 0.0146 +/- 0.0153
Std Dev: 0.3691 +/- 0.0108	Std Dev: 0.3940 +/- 0.0055	Std Dev: 0.3534 +/- 0.0108



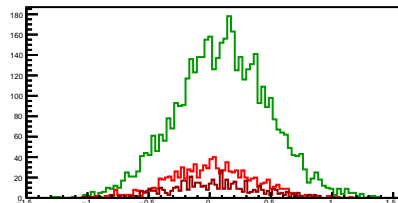
Cycle 2, Diffs

Entries: 513	Entries: 4676	Entries: 1017
Mean: 0.0395 +/- 0.0154	Mean: 0.1037 +/- 0.0056	Mean: 0.0265 +/- 0.0110
Std Dev: 0.3491 +/- 0.0109	Std Dev: 0.3812 +/- 0.0039	Std Dev: 0.3515 +/- 0.0078



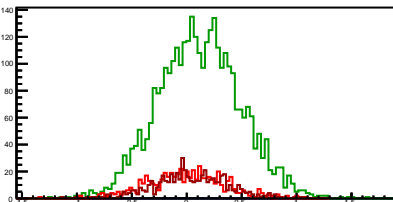
Cycle 3, Diffs

Entries: 1018	Entries: 4618	Entries: 562
Mean: 0.0222 +/- 0.0108	Mean: 0.1039 +/- 0.0056	Mean: 0.0204 +/- 0.0148
Std Dev: 0.3446 +/- 0.0076	Std Dev: 0.3796 +/- 0.0040	Std Dev: 0.3503 +/- 0.0104



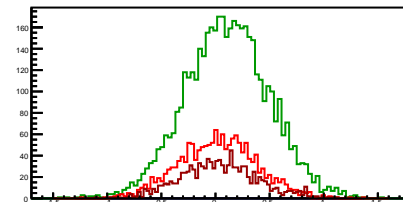
Cycle 4, Diffs

Entries: 563	Entries: 3372	Entries: 549
Mean: -0.0105 +/- 0.0152	Mean: 0.1152 +/- 0.0065	Mean: 0.0349 +/- 0.0141
Std Dev: 0.3609 +/- 0.0108	Std Dev: 0.3755 +/- 0.0046	Std Dev: 0.3311 +/- 0.0100



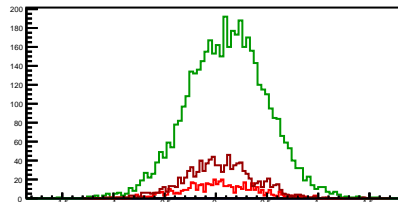
Cycle 5, Diffs

Entries: 1605	Entries: 4583	Entries: 1091
Mean: 0.0206 +/- 0.0090	Mean: 0.1073 +/- 0.0057	Mean: 0.0321 +/- 0.0108
Std Dev: 0.3596 +/- 0.0063	Std Dev: 0.3889 +/- 0.0041	Std Dev: 0.3558 +/- 0.0076



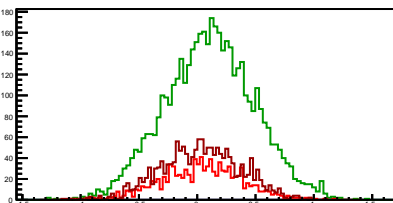
Cycle 6, Diffs

Entries: 559	Entries: 4636	Entries: 1057
Mean: 0.0296 +/- 0.0155	Mean: 0.1116 +/- 0.0057	Mean: 0.0346 +/- 0.0106
Std Dev: 0.3670 +/- 0.0110	Std Dev: 0.3879 +/- 0.0040	Std Dev: 0.3445 +/- 0.0075



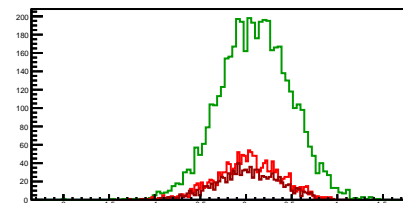
Cycle 7, Diffs

Entries: 1044	Entries: 4627	Entries: 1627
Mean: 0.0363 +/- 0.0108	Mean: 0.1065 +/- 0.0056	Mean: 0.0297 +/- 0.0084
Std Dev: 0.3491 +/- 0.0076	Std Dev: 0.3833 +/- 0.0040	Std Dev: 0.3401 +/- 0.0060



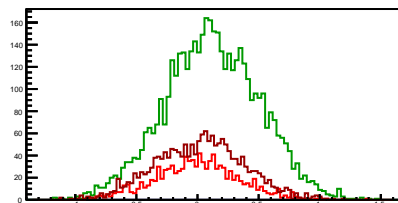
Cycle 8, Diffs

Entries: 1621	Entries: 4616	Entries: 1037
Mean: 0.0228 +/- 0.0087	Mean: 0.1007 +/- 0.0057	Mean: 0.0155 +/- 0.0108
Std Dev: 0.3503 +/- 0.0062	Std Dev: 0.3883 +/- 0.0040	Std Dev: 0.3484 +/- 0.0077



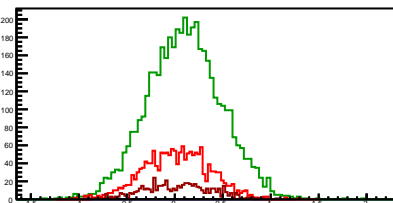
Cycle 9, Diffs

Entries: 1033	Entries: 4663	Entries: 1766
Mean: -0.0044 +/- 0.0107	Mean: 0.1169 +/- 0.0057	Mean: 0.0186 +/- 0.0086
Std Dev: 0.3450 +/- 0.0076	Std Dev: 0.3875 +/- 0.0040	Std Dev: 0.3622 +/- 0.0061



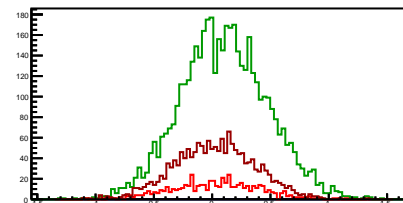
Cycle 10, Diffs

Entries: 1714	Entries: 4593	Entries: 582
Mean: 0.0227 +/- 0.0084	Mean: 0.1013 +/- 0.0057	Mean: 0.0259 +/- 0.0145
Std Dev: 0.3471 +/- 0.0059	Std Dev: 0.3862 +/- 0.0040	Std Dev: 0.3509 +/- 0.0103



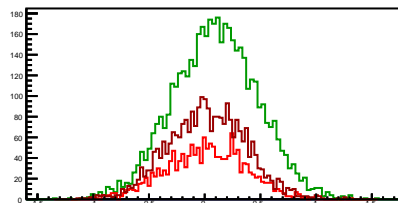
Cycle 11, Diffs

Entries: 576	Entries: 4661	Entries: 1634
Mean: 0.0254 +/- 0.0156	Mean: 0.1011 +/- 0.0055	Mean: 0.0243 +/- 0.0085
Std Dev: 0.3752 +/- 0.0111	Std Dev: 0.3743 +/- 0.0039	Std Dev: 0.3434 +/- 0.0060



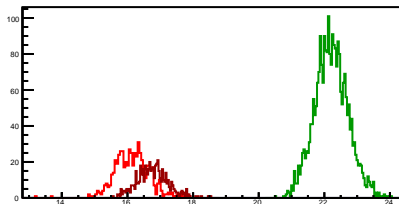
Cycle 12, Diffs

Entries: 1621	Entries: 4681	Entries: 2681
Mean: 0.0092 +/- 0.0088	Mean: 0.0948 +/- 0.0056	Mean: 0.0173 +/- 0.0067
Std Dev: 0.3539 +/- 0.0062	Std Dev: 0.3808 +/- 0.0039	Std Dev: 0.3483 +/- 0.0048



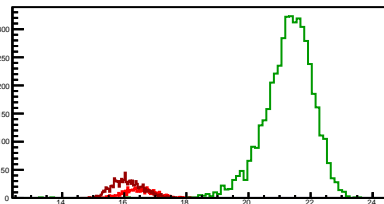
Cycle 1, Sums

Entries: 596	Entries: 2598	Entries: 535
Mean: 16.1448 +/- 0.0216	Mean: 22.2084 +/- 0.0100	Mean: 16.7661 +/- 0.0204
Std Dev: 0.5230 +/- 0.0153	Std Dev: 0.5084 +/- 0.0071	Std Dev: 0.4727 +/- 0.0145



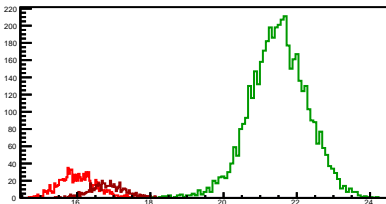
Cycle 2, Sums

Entries: 513	Entries: 4676	Entries: 1017
Mean: 16.4876 +/- 0.0217	Mean: 21.2924 +/- 0.0114	Mean: 16.1181 +/- 0.0154
Std Dev: 0.4925 +/- 0.0154	Std Dev: 0.7809 +/- 0.0081	Std Dev: 0.4916 +/- 0.0109



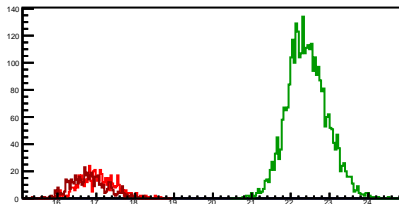
Cycle 3, Sums

Entries: 1018	Entries: 4618	Entries: 562
Mean: 16.0105 +/- 0.0155	Mean: 21.5004 +/- 0.0117	Mean: 16.8267 +/- 0.0198
Std Dev: 0.4960 +/- 0.0110	Std Dev: 0.7949 +/- 0.0083	Std Dev: 0.4704 +/- 0.0140



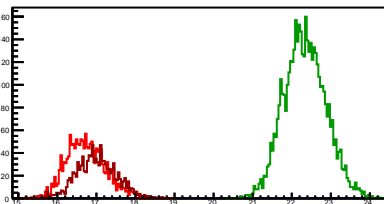
Cycle 4, Sums

Entries: 563	Entries: 3372	Entries: 549
Mean: 17.0273 +/- 0.0202	Mean: 22.4281 +/- 0.0089	Mean: 16.8120 +/- 0.0204
Std Dev: 0.4795 +/- 0.0143	Std Dev: 0.5144 +/- 0.0063	Std Dev: 0.4784 +/- 0.0144



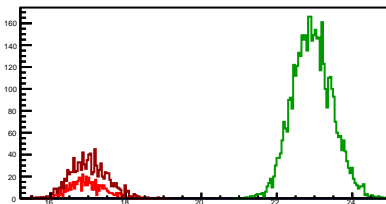
Cycle 5, Sums

Entries: 1605	Entries: 4583	Entries: 1091
Mean: 16.7256 +/- 0.0123	Mean: 22.3387 +/- 0.0079	Mean: 17.0064 +/- 0.0151
Std Dev: 0.4908 +/- 0.0087	Std Dev: 0.5365 +/- 0.0056	Std Dev: 0.4989 +/- 0.0107



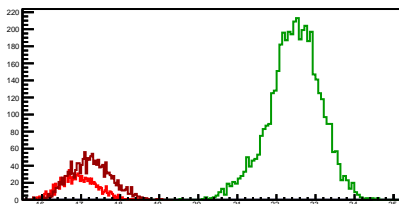
Cycle 6, Sums

Entries: 559	Entries: 4636	Entries: 1057
Mean: 16.9867 +/- 0.0194	Mean: 22.9432 +/- 0.0077	Mean: 17.0079 +/- 0.0151
Std Dev: 0.4577 +/- 0.0137	Std Dev: 0.5276 +/- 0.0055	Std Dev: 0.4900 +/- 0.0107



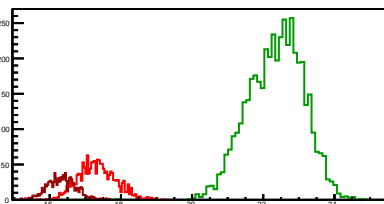
Cycle 7, Sums

Entries: 1044	Entries: 4627	Entries: 1627
Mean: 16.9407 +/- 0.0145	Mean: 22.4604 +/- 0.0098	Mean: 17.2471 +/- 0.0130
Std Dev: 0.4673 +/- 0.0102	Std Dev: 0.6684 +/- 0.0069	Std Dev: 0.5241 +/- 0.0092



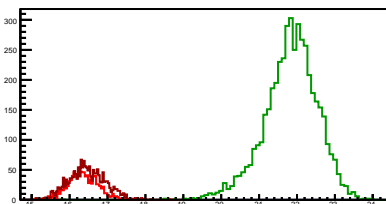
Cycle 8, Sums

Entries: 1621	Entries: 4616	Entries: 1037
Mean: 17.3285 +/- 0.0130	Mean: 22.3463 +/- 0.0115	Mean: 16.3274 +/- 0.0122
Std Dev: 0.5228 +/- 0.0092	Std Dev: 0.7840 +/- 0.0082	Std Dev: 0.3929 +/- 0.0086



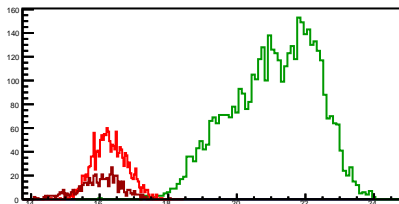
Cycle 9, Sums

Entries: 1033	Entries: 4663	Entries: 1766
Mean: 16.3629 +/- 0.0127	Mean: 21.8228 +/- 0.0105	Mean: 16.4543 +/- 0.0114
Std Dev: 0.4092 +/- 0.0090	Std Dev: 0.7181 +/- 0.0074	Std Dev: 0.4805 +/- 0.0081



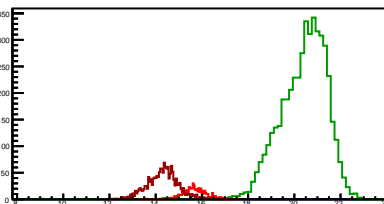
Cycle 10, Sums

Entries: 1714	Entries: 4593	Entries: 582
Mean: 16.3031 +/- 0.0118	Mean: 21.0841 +/- 0.0183	Mean: 15.9960 +/- 0.0262
Std Dev: 0.4906 +/- 0.0084	Std Dev: 1.2436 +/- 0.0130	Std Dev: 0.6313 +/- 0.0185



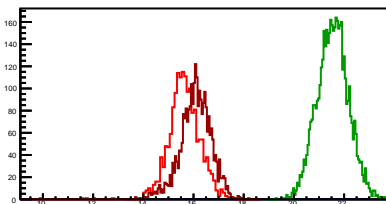
Cycle 11, Sums

Entries: 576	Entries: 4661	Entries: 1634
Mean: 15.6787 +/- 0.0210	Mean: 20.4067 +/- 0.0144	Mean: 14.3070 +/- 0.0164
Std Dev: 0.5033 +/- 0.0148	Std Dev: 0.9829 +/- 0.0102	Std Dev: 0.6612 +/- 0.0116



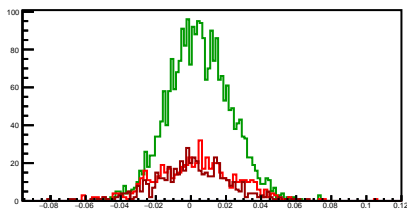
Cycle 12, Sums

Entries: 1621	Entries: 4681	Entries: 2681
Mean: 15.6329 +/- 0.0159	Mean: 21.5501 +/- 0.0091	Mean: 16.0787 +/- 0.0118
Std Dev: 0.6418 +/- 0.0113	Std Dev: 0.6223 +/- 0.0064	Std Dev: 0.6112 +/- 0.0083



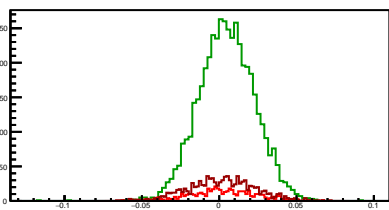
Cycle 1, Asyms

Entries: 596	Entries: 2598	Entries: 535
Mean: 0.0028 +/- 0.0009	Mean: 0.0049 +/- 0.0003	Mean: 0.0009 +/- 0.0009
Std Dev: 0.0229 +/- 0.0007	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0210 +/- 0.0006



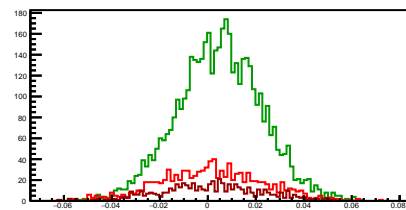
Cycle 2, Asyms

Entries: 513	Entries: 4676	Entries: 1017
Mean: 0.0024 +/- 0.0009	Mean: 0.0049 +/- 0.0003	Mean: 0.0016 +/- 0.0007
Std Dev: 0.0212 +/- 0.0007	Std Dev: 0.0180 +/- 0.0002	Std Dev: 0.0217 +/- 0.0005



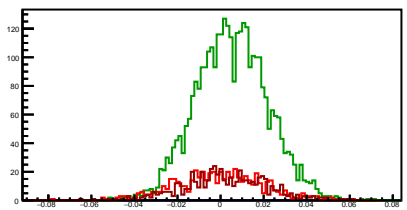
Cycle 3, Asyms

Entries: 1018	Entries: 4618	Entries: 562
Mean: 0.0014 +/- 0.0007	Mean: 0.0048 +/- 0.0003	Mean: 0.0012 +/- 0.0009
Std Dev: 0.0214 +/- 0.0005	Std Dev: 0.0177 +/- 0.0002	Std Dev: 0.0208 +/- 0.0006



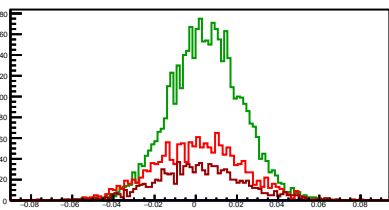
Cycle 4, Asyms

Entries: 563	Entries: 3372	Entries: 549
Mean: -0.0006 +/- 0.0009	Mean: 0.0051 +/- 0.0003	Mean: 0.0021 +/- 0.0008
Std Dev: 0.0211 +/- 0.0006	Std Dev: 0.0167 +/- 0.0002	Std Dev: 0.0196 +/- 0.0006



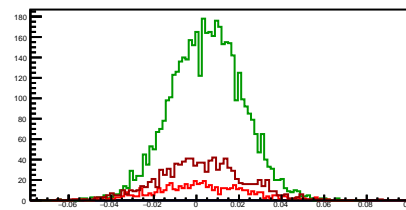
Cycle 5, Asyms

Entries: 1605	Entries: 4583	Entries: 1091
Mean: 0.0012 +/- 0.0005	Mean: 0.0048 +/- 0.0003	Mean: 0.0019 +/- 0.0006
Std Dev: 0.0215 +/- 0.0004	Std Dev: 0.0174 +/- 0.0002	Std Dev: 0.0208 +/- 0.0004



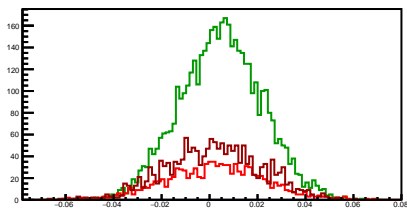
Cycle 6, Asyms

Entries: 559	Entries: 4636	Entries: 1057
Mean: 0.0018 +/- 0.0009	Mean: 0.0049 +/- 0.0002	Mean: 0.0020 +/- 0.0006
Std Dev: 0.0216 +/- 0.0006	Std Dev: 0.0169 +/- 0.0002	Std Dev: 0.0202 +/- 0.0004



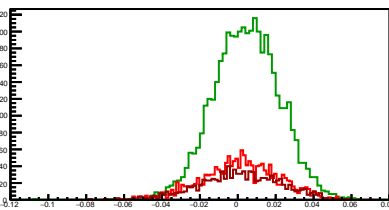
Cycle 7, Asyms

Entries: 1044	Entries: 4627	Entries: 1627
Mean: 0.0022 +/- 0.0006	Mean: 0.0047 +/- 0.0003	Mean: 0.0017 +/- 0.0005
Std Dev: 0.0206 +/- 0.0005	Std Dev: 0.0171 +/- 0.0002	Std Dev: 0.0196 +/- 0.0003



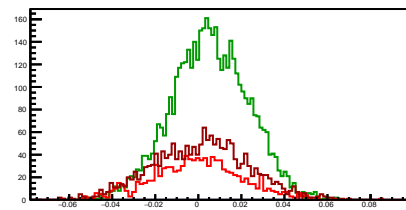
Cycle 8, Asyms

Entries: 1621	Entries: 4616	Entries: 1037
Mean: 0.0013 +/- 0.0005	Mean: 0.0045 +/- 0.0003	Mean: 0.0009 +/- 0.0007
Std Dev: 0.0202 +/- 0.0004	Std Dev: 0.0174 +/- 0.0002	Std Dev: 0.0213 +/- 0.0005



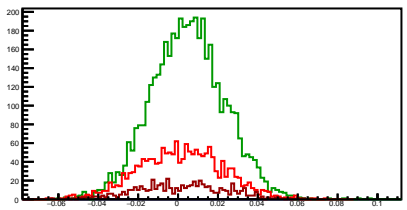
Cycle 9, Asyms

Entries: 1033	Entries: 4663	Entries: 1766
Mean: -0.0003 +/- 0.0007	Mean: 0.0054 +/- 0.0003	Mean: 0.0011 +/- 0.0005
Std Dev: 0.0211 +/- 0.0005	Std Dev: 0.0178 +/- 0.0002	Std Dev: 0.0219 +/- 0.0004



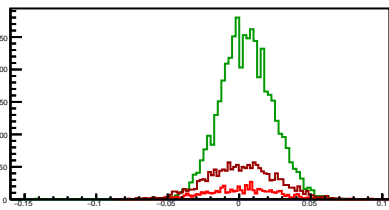
Cycle 10, Asyms

Entries: 1714	Entries: 4593	Entries: 582
Mean: 0.0014 +/- 0.0005	Mean: 0.0048 +/- 0.0003	Mean: 0.0016 +/- 0.0009
Std Dev: 0.0212 +/- 0.0004	Std Dev: 0.0184 +/- 0.0002	Std Dev: 0.0219 +/- 0.0006



Cycle 11, Asyms

Entries: 576	Entries: 4661	Entries: 1634
Mean: 0.0017 +/- 0.0010	Mean: 0.0049 +/- 0.0003	Mean: 0.0017 +/- 0.0006
Std Dev: 0.0239 +/- 0.0007	Std Dev: 0.0184 +/- 0.0002	Std Dev: 0.0240 +/- 0.0004



Cycle 12, Asyms

Entries: 1621	Entries: 4681	Entries: 2681
Mean: 0.0006 +/- 0.0006	Mean: 0.0044 +/- 0.0003	Mean: 0.0011 +/- 0.0004
Std Dev: 0.0226 +/- 0.0004	Std Dev: 0.0176 +/- 0.0002	Std Dev: 0.0216 +/- 0.0003

