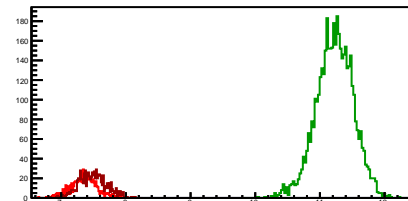


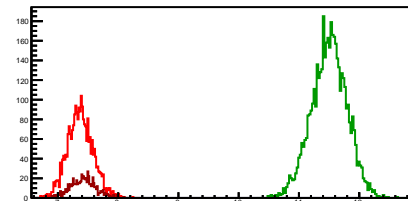
Cycle 1, PosHel

Entries: 658	Entries: 4567	Entries: 829
Mean: 7.3398 +/- 0.0080	Mean: 11.2272 +/- 0.0042	Mean: 7.4910 +/- 0.0073
Std Dev: 0.2054 +/- 0.0057	Std Dev: 0.2865 +/- 0.0030	Std Dev: 0.2093 +/- 0.0051



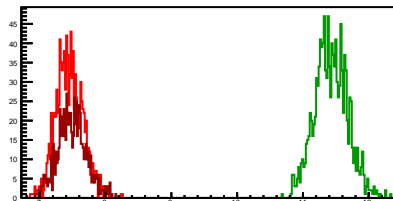
Cycle 2, PosHel

Entries: 2522	Entries: 4589	Entries: 699
Mean: 7.3708 +/- 0.0043	Mean: 11.5010 +/- 0.0044	Mean: 7.4205 +/- 0.0078
Std Dev: 0.2139 +/- 0.0030	Std Dev: 0.2950 +/- 0.0031	Std Dev: 0.2050 +/- 0.0055



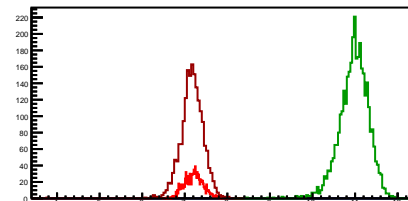
Cycle 3, PosHel

Entries: 1090	Entries: 1261	Entries: 775
Mean: 7.4531 +/- 0.0062	Mean: 11.4280 +/- 0.0070	Mean: 7.4903 +/- 0.0077
Std Dev: 0.2053 +/- 0.0044	Std Dev: 0.2496 +/- 0.0050	Std Dev: 0.2154 +/- 0.0055



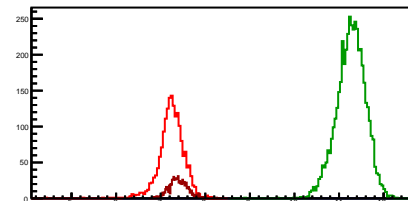
Cycle 4, PosHel

Entries: 1055	Entries: 3490	Entries: 1855
Mean: 7.2115 +/- 0.0068	Mean: 10.9736 +/- 0.0058	Mean: 7.1701 +/- 0.0062
Std Dev: 0.2194 +/- 0.0048	Std Dev: 0.3404 +/- 0.0041	Std Dev: 0.2686 +/- 0.0044



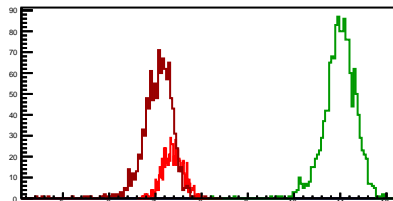
Cycle 5, PosHel

Entries: 1808	Entries: 4667	Entries: 816
Mean: 7.2373 +/- 0.0068	Mean: 11.2673 +/- 0.0047	Mean: 7.4012 +/- 0.0073
Std Dev: 0.2881 +/- 0.0048	Std Dev: 0.3218 +/- 0.0033	Std Dev: 0.2090 +/- 0.0052



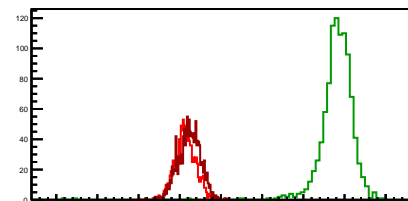
Cycle 6, PosHel

Entries: 814	Entries: 1447	Entries: 1070
Mean: 7.3802 +/- 0.0076	Mean: 10.9894 +/- 0.0090	Mean: 7.0453 +/- 0.0105
Std Dev: 0.2170 +/- 0.0054	Std Dev: 0.3428 +/- 0.0064	Std Dev: 0.3422 +/- 0.0074



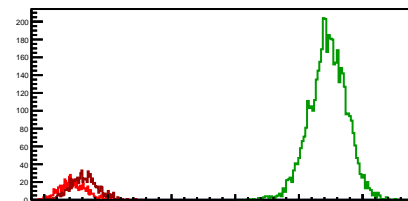
Cycle 7, PosHel

Entries: 1084	Entries: 980	Entries: 1364
Mean: 7.1376 +/- 0.0075	Mean: 10.8021 +/- 0.0158	Mean: 7.2273 +/- 0.0073
Std Dev: 0.2481 +/- 0.0053	Std Dev: 0.4946 +/- 0.0112	Std Dev: 0.2705 +/- 0.0052



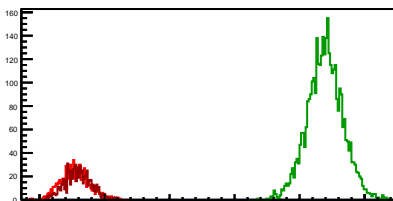
Cycle 8, PosHel

Entries: 709	Entries: 4647	Entries: 824
Mean: 7.4478 +/- 0.0077	Mean: 11.4553 +/- 0.0043	Mean: 7.6303 +/- 0.0074
Std Dev: 0.2060 +/- 0.0055	Std Dev: 0.2925 +/- 0.0030	Std Dev: 0.2113 +/- 0.0052



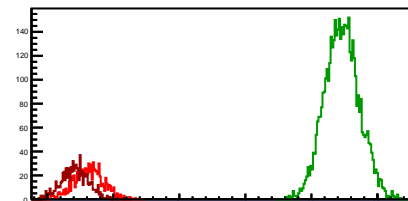
Cycle 9, PosHel

Entries: 821	Entries: 3630	Entries: 826
Mean: 7.5455 +/- 0.0076	Mean: 11.3928 +/- 0.0045	Mean: 7.5896 +/- 0.0070
Std Dev: 0.2181 +/- 0.0054	Std Dev: 0.2740 +/- 0.0032	Std Dev: 0.2005 +/- 0.0049



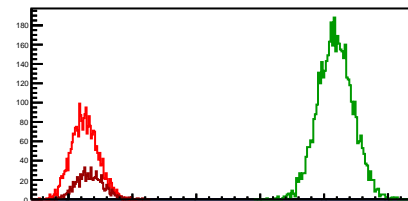
Cycle 10, PosHel

Entries: 828	Entries: 4706	Entries: 868
Mean: 7.6229 +/- 0.0078	Mean: 11.4625 +/- 0.0038	Mean: 7.4173 +/- 0.0069
Std Dev: 0.2248 +/- 0.0055	Std Dev: 0.2622 +/- 0.0027	Std Dev: 0.2033 +/- 0.0049



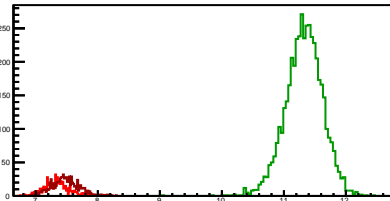
Cycle 11, PosHel

Entries: 2679	Entries: 4704	Entries: 850
Mean: 7.2555 +/- 0.0040	Mean: 11.1781 +/- 0.0040	Mean: 7.3373 +/- 0.0074
Std Dev: 0.2090 +/- 0.0029	Std Dev: 0.2724 +/- 0.0028	Std Dev: 0.2143 +/- 0.0052



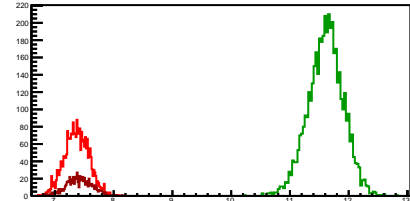
Cycle 1, NegHel

Entries: 658	Entries: 4567	Entries: 829
Mean: 7.3266 +/- 0.0078	Mean: 11.3214 +/- 0.0044	Mean: 7.4789 +/- 0.0076
Std Dev: 0.1997 +/- 0.0055	Std Dev: 0.3001 +/- 0.0031	Std Dev: 0.2201 +/- 0.0054



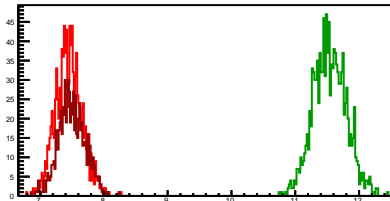
Cycle 2, NegHel

Entries: 2522	Entries: 4589	Entries: 699
Mean: 7.3707 +/- 0.0042	Mean: 11.6077 +/- 0.0044	Mean: 7.4147 +/- 0.0080
Std Dev: 0.2084 +/- 0.0029	Std Dev: 0.2991 +/- 0.0031	Std Dev: 0.2128 +/- 0.0057



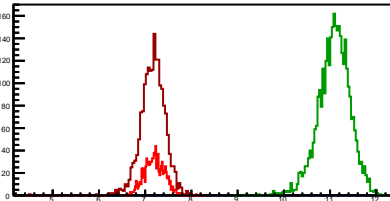
Cycle 3, NegHel

Entries: 1090	Entries: 1261	Entries: 775
Mean: 7.4501 +/- 0.0062	Mean: 11.5411 +/- 0.0073	Mean: 7.4975 +/- 0.0075
Std Dev: 0.2063 +/- 0.0044	Std Dev: 0.2582 +/- 0.0051	Std Dev: 0.2084 +/- 0.0053



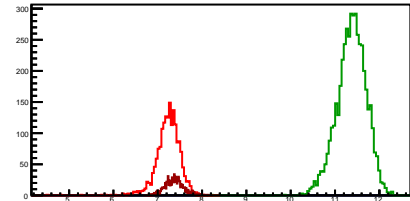
Cycle 4, NegHel

Entries: 1055	Entries: 3490	Entries: 1855
Mean: 7.2025 +/- 0.0067	Mean: 11.0871 +/- 0.0058	Mean: 7.1648 +/- 0.0061
Std Dev: 0.2173 +/- 0.0047	Std Dev: 0.3432 +/- 0.0041	Std Dev: 0.2638 +/- 0.0043



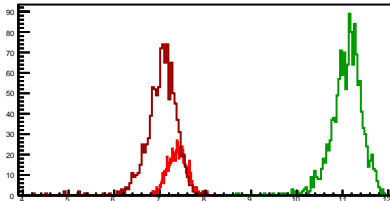
Cycle 5, NegHel

Entries: 1808	Entries: 4667	Entries: 816
Mean: 7.2329 +/- 0.0065	Mean: 11.3717 +/- 0.0048	Mean: 7.3768 +/- 0.0073
Std Dev: 0.2760 +/- 0.0046	Std Dev: 0.3301 +/- 0.0034	Std Dev: 0.2073 +/- 0.0051



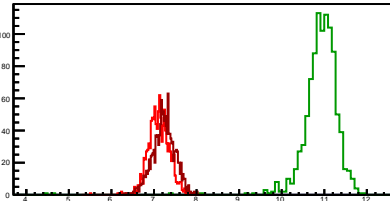
Cycle 6, NegHel

Entries: 814	Entries: 1447	Entries: 1070
Mean: 7.3742 +/- 0.0072	Mean: 11.0895 +/- 0.0090	Mean: 7.0392 +/- 0.0107
Std Dev: 0.2058 +/- 0.0051	Std Dev: 0.3428 +/- 0.0064	Std Dev: 0.3514 +/- 0.0076



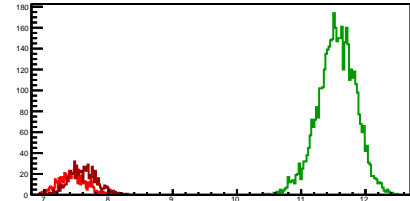
Cycle 7, NegHel

Entries: 1084	Entries: 980	Entries: 1364
Mean: 7.1174 +/- 0.0074	Mean: 10.9139 +/- 0.0151	Mean: 7.2298 +/- 0.0072
Std Dev: 0.2450 +/- 0.0053	Std Dev: 0.4712 +/- 0.0106	Std Dev: 0.2661 +/- 0.0051



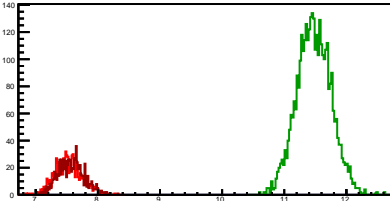
Cycle 8, NegHel

Entries: 709	Entries: 4647	Entries: 824
Mean: 7.4393 +/- 0.0079	Mean: 11.5540 +/- 0.0043	Mean: 7.5994 +/- 0.0075
Std Dev: 0.2095 +/- 0.0056	Std Dev: 0.2947 +/- 0.0031	Std Dev: 0.2148 +/- 0.0053



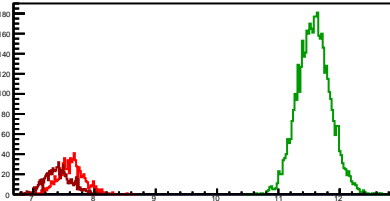
Cycle 9, NegHel

Entries: 821	Entries: 3630	Entries: 826
Mean: 7.5227 +/- 0.0076	Mean: 11.4779 +/- 0.0046	Mean: 7.5747 +/- 0.0073
Std Dev: 0.2178 +/- 0.0054	Std Dev: 0.2749 +/- 0.0032	Std Dev: 0.2088 +/- 0.0051



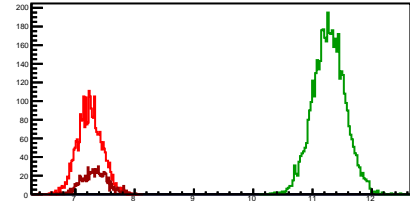
Cycle 10, NegHel

Entries: 828	Entries: 4706	Entries: 868
Mean: 7.6236 +/- 0.0074	Mean: 11.5794 +/- 0.0039	Mean: 7.4108 +/- 0.0074
Std Dev: 0.2142 +/- 0.0053	Std Dev: 0.2669 +/- 0.0028	Std Dev: 0.2190 +/- 0.0053



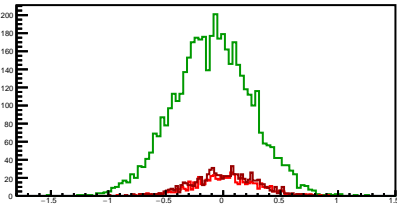
Cycle 11, NegHel

Entries: 2679	Entries: 4704	Entries: 850
Mean: 7.2450 +/- 0.0041	Mean: 11.2781 +/- 0.0040	Mean: 7.3298 +/- 0.0074
Std Dev: 0.2105 +/- 0.0029	Std Dev: 0.2710 +/- 0.0028	Std Dev: 0.2161 +/- 0.0052



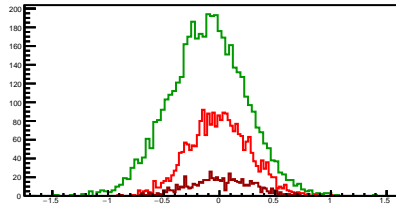
Cycle 1, Diffs

Entries: 658	Entries: 4567	Entries: 829
Mean: 0.0132 +/- 0.0108	Mean: -0.0942 +/- 0.0050	Mean: 0.0121 +/- 0.0097
Std Dev: 0.2779 +/- 0.0077	Std Dev: 0.3383 +/- 0.0035	Std Dev: 0.2789 +/- 0.0068



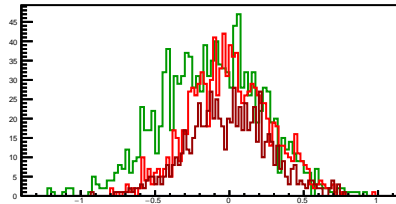
Cycle 2, Diffs

Entries: 2522	Entries: 4589	Entries: 699
Mean: 0.0001 +/- 0.0054	Mean: -0.1067 +/- 0.0050	Mean: 0.0058 +/- 0.0106
Std Dev: 0.2699 +/- 0.0038	Std Dev: 0.3411 +/- 0.0036	Std Dev: 0.2810 +/- 0.0075



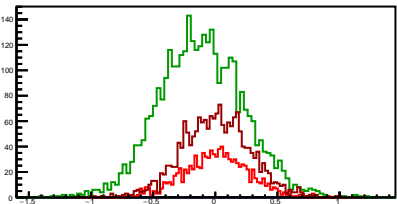
Cycle 3, Diffs

Entries: 1090	Entries: 1261	Entries: 775
Mean: 0.0030 +/- 0.0082	Mean: -0.1130 +/- 0.0095	Mean: -0.0072 +/- 0.0099
Std Dev: 0.2723 +/- 0.0058	Std Dev: 0.3376 +/- 0.0067	Std Dev: 0.2754 +/- 0.0070



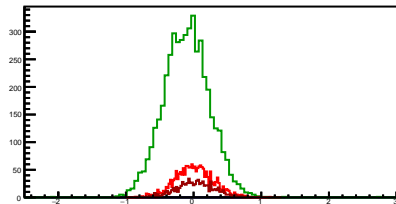
Cycle 4, Diffs

Entries: 1055	Entries: 3490	Entries: 1855
Mean: 0.0090 +/- 0.0082	Mean: -0.1135 +/- 0.0057	Mean: 0.0052 +/- 0.0063
Std Dev: 0.2653 +/- 0.0058	Std Dev: 0.3397 +/- 0.0041	Std Dev: 0.2721 +/- 0.0045



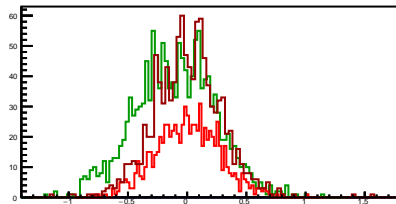
Cycle 5, Diffs

Entries: 1808	Entries: 4667	Entries: 816
Mean: 0.0045 +/- 0.0065	Mean: -0.1043 +/- 0.0049	Mean: 0.0244 +/- 0.0096
Std Dev: 0.2785 +/- 0.0046	Std Dev: 0.3364 +/- 0.0035	Std Dev: 0.2746 +/- 0.0068



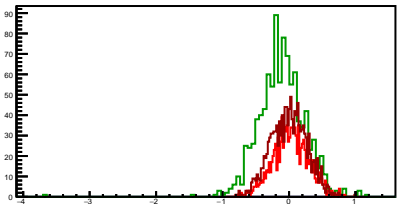
Cycle 6, Diffs

Entries: 814	Entries: 1447	Entries: 1070
Mean: 0.0060 +/- 0.0095	Mean: -0.1001 +/- 0.0089	Mean: 0.0061 +/- 0.0087
Std Dev: 0.2706 +/- 0.0067	Std Dev: 0.3390 +/- 0.0063	Std Dev: 0.2834 +/- 0.0061



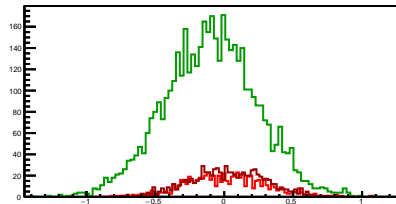
Cycle 7, Diffs

Entries: 1084	Entries: 980	Entries: 1364
Mean: 0.0202 +/- 0.0081	Mean: -0.1118 +/- 0.0114	Mean: -0.0025 +/- 0.0073
Std Dev: 0.2666 +/- 0.0057	Std Dev: 0.3557 +/- 0.0080	Std Dev: 0.2703 +/- 0.0052



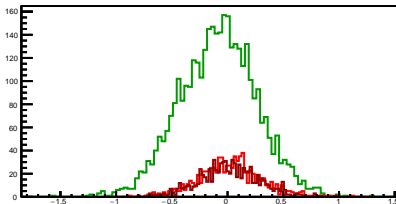
Cycle 8, Diffs

Entries: 709	Entries: 4647	Entries: 824
Mean: 0.0085 +/- 0.0105	Mean: -0.0986 +/- 0.0049	Mean: 0.0309 +/- 0.0097
Std Dev: 0.2796 +/- 0.0074	Std Dev: 0.3346 +/- 0.0035	Std Dev: 0.2790 +/- 0.0069



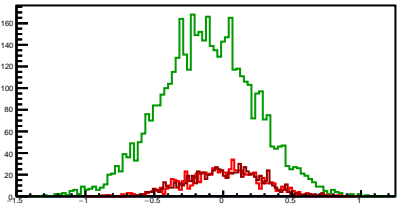
Cycle 9, Diffs

Entries: 821	Entries: 3630	Entries: 826
Mean: 0.0228 +/- 0.0098	Mean: -0.0850 +/- 0.0057	Mean: 0.0149 +/- 0.0094
Std Dev: 0.2809 +/- 0.0069	Std Dev: 0.3442 +/- 0.0040	Std Dev: 0.2690 +/- 0.0066



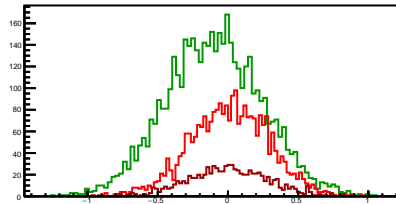
Cycle 10, Diffs

Entries: 828	Entries: 4706	Entries: 868
Mean: -0.0008 +/- 0.0096	Mean: -0.1168 +/- 0.0050	Mean: 0.0064 +/- 0.0089
Std Dev: 0.2756 +/- 0.0068	Std Dev: 0.3410 +/- 0.0035	Std Dev: 0.2621 +/- 0.0063



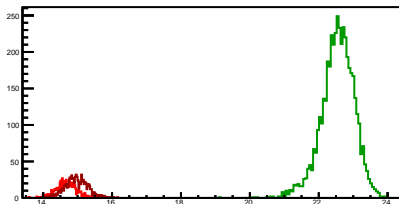
Cycle 11, Diffs

Entries: 2679	Entries: 4704	Entries: 850
Mean: 0.0105 +/- 0.0054	Mean: -0.1000 +/- 0.0050	Mean: 0.0075 +/- 0.0097
Std Dev: 0.2788 +/- 0.0038	Std Dev: 0.3424 +/- 0.0035	Std Dev: 0.2835 +/- 0.0069



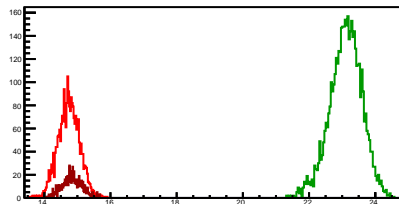
Cycle 1, Sums

Entries: 658	Entries: 4567	Entries: 829
Mean: 14.6664 +/- 0.0115	Mean: 22.5485 +/- 0.0071	Mean: 14.9699 +/- 0.0113
Std Dev: 0.2948 +/- 0.0081	Std Dev: 0.4794 +/- 0.0050	Std Dev: 0.3267 +/- 0.0080



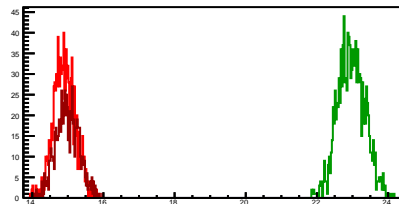
Cycle 2, Sums

Entries: 2522	Entries: 4589	Entries: 699
Mean: 14.7416 +/- 0.0065	Mean: 23.1087 +/- 0.0072	Mean: 14.8352 +/- 0.0117
Std Dev: 0.3249 +/- 0.0046	Std Dev: 0.4865 +/- 0.0051	Std Dev: 0.3094 +/- 0.0083



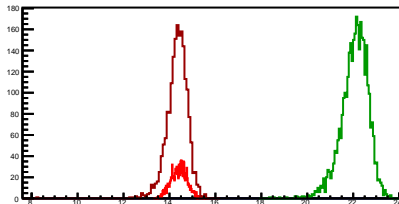
Cycle 3, Sums

Entries: 1090	Entries: 1261	Entries: 775
Mean: 14.9032 +/- 0.0094	Mean: 22.9691 +/- 0.0107	Mean: 14.9878 +/- 0.0116
Std Dev: 0.3087 +/- 0.0066	Std Dev: 0.3795 +/- 0.0076	Std Dev: 0.3223 +/- 0.0082



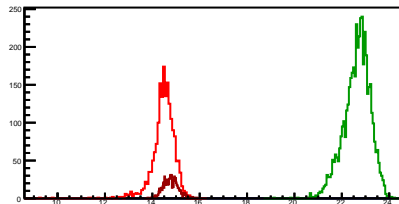
Cycle 4, Sums

Entries: 1055	Entries: 3490	Entries: 1855
Mean: 14.4140 +/- 0.0107	Mean: 22.0607 +/- 0.0100	Mean: 14.3349 +/- 0.0106
Std Dev: 0.3468 +/- 0.0075	Std Dev: 0.5932 +/- 0.0071	Std Dev: 0.4576 +/- 0.0075



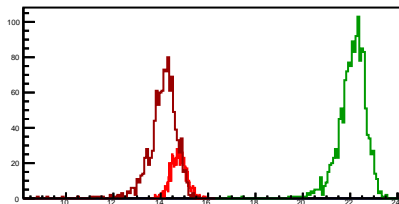
Cycle 5, Sums

Entries: 1808	Entries: 4667	Entries: 816
Mean: 14.4702 +/- 0.0115	Mean: 22.6390 +/- 0.0082	Mean: 14.7780 +/- 0.0109
Std Dev: 0.4906 +/- 0.0082	Std Dev: 0.5583 +/- 0.0058	Std Dev: 0.3128 +/- 0.0077



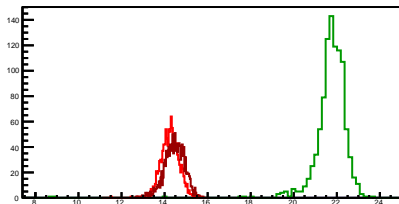
Cycle 6, Sums

Entries: 814	Entries: 1447	Entries: 1070
Mean: 14.7543 +/- 0.0114	Mean: 22.0789 +/- 0.0157	Mean: 14.0845 +/- 0.0194
Std Dev: 0.3250 +/- 0.0081	Std Dev: 0.5959 +/- 0.0111	Std Dev: 0.6330 +/- 0.0137



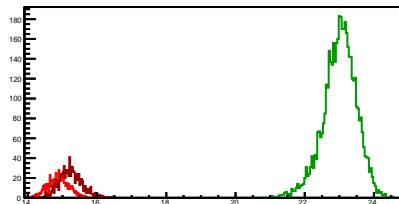
Cycle 7, Sums

Entries: 1084	Entries: 980	Entries: 1364
Mean: 14.2550 +/- 0.0126	Mean: 21.7160 +/- 0.0287	Mean: 14.4571 +/- 0.0126
Std Dev: 0.4149 +/- 0.0089	Std Dev: 0.8982 +/- 0.0203	Std Dev: 0.4637 +/- 0.0089



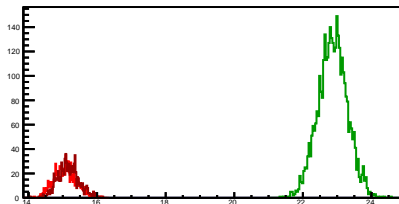
Cycle 8, Sums

Entries: 709	Entries: 4647	Entries: 824
Mean: 14.8871 +/- 0.0115	Mean: 23.0093 +/- 0.0071	Mean: 15.2297 +/- 0.0112
Std Dev: 0.3074 +/- 0.0082	Std Dev: 0.4826 +/- 0.0050	Std Dev: 0.3221 +/- 0.0079



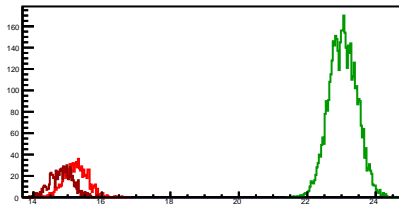
Cycle 9, Sums

Entries: 821	Entries: 3630	Entries: 826
Mean: 15.0682 +/- 0.0116	Mean: 22.8707 +/- 0.0071	Mean: 15.1643 +/- 0.0107
Std Dev: 0.3334 +/- 0.0082	Std Dev: 0.4277 +/- 0.0050	Std Dev: 0.3087 +/- 0.0076



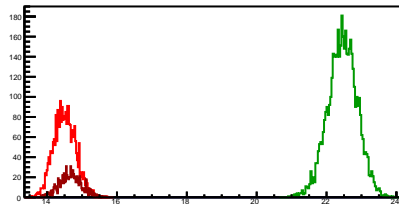
Cycle 10, Sums

Entries: 828	Entries: 4706	Entries: 868
Mean: 15.2465 +/- 0.0119	Mean: 23.0419 +/- 0.0059	Mean: 14.8281 +/- 0.0113
Std Dev: 0.3419 +/- 0.0084	Std Dev: 0.4046 +/- 0.0042	Std Dev: 0.3315 +/- 0.0080



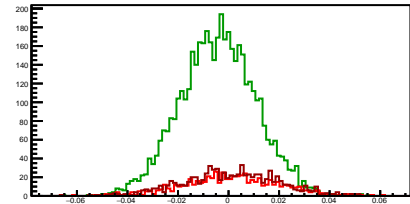
Cycle 11, Sums

Entries: 2679	Entries: 4704	Entries: 850
Mean: 14.5005 +/- 0.0061	Mean: 22.4562 +/- 0.0062	Mean: 14.6671 +/- 0.0111
Std Dev: 0.3135 +/- 0.0043	Std Dev: 0.4219 +/- 0.0044	Std Dev: 0.3239 +/- 0.0079



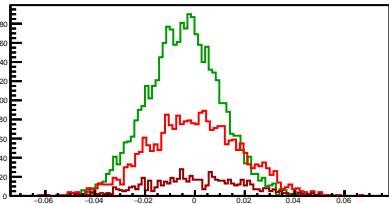
Cycle 1, Asyms

Entries: 658	Entries: 4567	Entries: 829
Mean: 0.0009 +/- 0.0007	Mean: -0.0042 +/- 0.0002	Mean: 0.0008 +/- 0.0006
Std Dev: 0.0189 +/- 0.0005	Std Dev: 0.0150 +/- 0.0002	Std Dev: 0.0186 +/- 0.0005



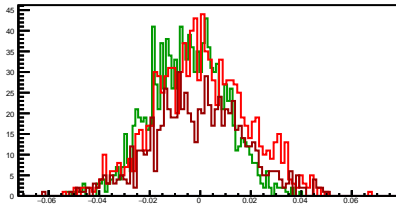
Cycle 2, Asyms

Entries: 2522	Entries: 4589	Entries: 699
Mean: -0.0000 +/- 0.0004	Mean: -0.0046 +/- 0.0002	Mean: 0.0004 +/- 0.0007
Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0148 +/- 0.0002	Std Dev: 0.0189 +/- 0.0005



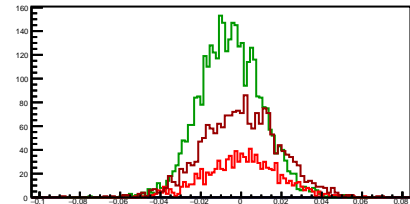
Cycle 3, Asyms

Entries: 1090	Entries: 1261	Entries: 775
Mean: 0.0002 +/- 0.0006	Mean: -0.0049 +/- 0.0004	Mean: -0.0005 +/- 0.0007
Std Dev: 0.0182 +/- 0.0004	Std Dev: 0.0147 +/- 0.0003	Std Dev: 0.0183 +/- 0.0005



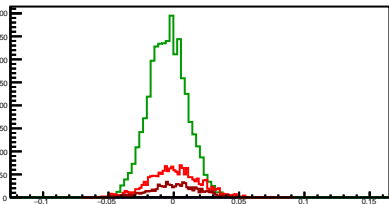
Cycle 4, Asyms

Entries: 1055	Entries: 3490	Entries: 1855
Mean: 0.0006 +/- 0.0006	Mean: -0.0051 +/- 0.0003	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0184 +/- 0.0004	Std Dev: 0.0154 +/- 0.0002	Std Dev: 0.0190 +/- 0.0003



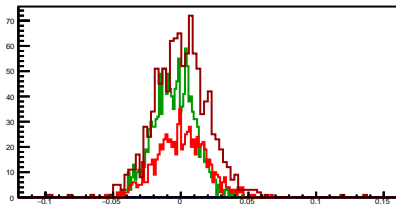
Cycle 5, Asyms

Entries: 1808	Entries: 4667	Entries: 816
Mean: 0.0003 +/- 0.0005	Mean: -0.0046 +/- 0.0002	Mean: 0.0016 +/- 0.0006
Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0149 +/- 0.0002	Std Dev: 0.0185 +/- 0.0005



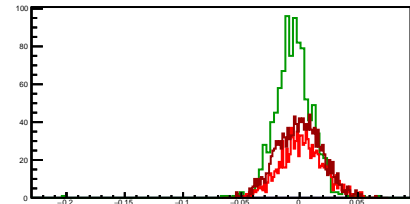
Cycle 6, Asyms

Entries: 814	Entries: 1447	Entries: 1070
Mean: 0.0004 +/- 0.0006	Mean: -0.0045 +/- 0.0004	Mean: 0.0005 +/- 0.0006
Std Dev: 0.0184 +/- 0.0005	Std Dev: 0.0154 +/- 0.0003	Std Dev: 0.0207 +/- 0.0004



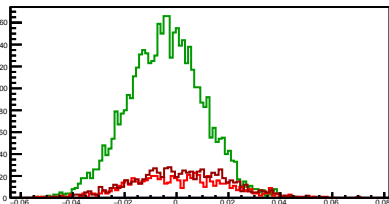
Cycle 7, Asyms

Entries: 1084	Entries: 980	Entries: 1364
Mean: 0.0014 +/- 0.0006	Mean: -0.0052 +/- 0.0005	Mean: -0.0002 +/- 0.0005
Std Dev: 0.0187 +/- 0.0004	Std Dev: 0.0170 +/- 0.0004	Std Dev: 0.0187 +/- 0.0004



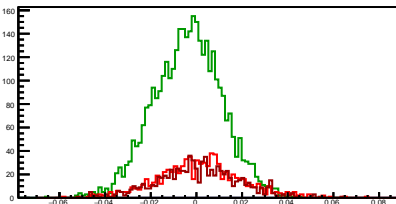
Cycle 8, Asyms

Entries: 709	Entries: 4647	Entries: 824
Mean: 0.0006 +/- 0.0007	Mean: -0.0043 +/- 0.0002	Mean: 0.0020 +/- 0.0006
Std Dev: 0.0187 +/- 0.0005	Std Dev: 0.0145 +/- 0.0002	Std Dev: 0.0183 +/- 0.0005



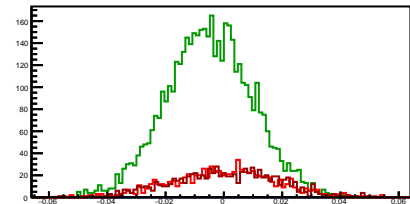
Cycle 9, Asyms

Entries: 821	Entries: 3630	Entries: 826
Mean: 0.0015 +/- 0.0006	Mean: -0.0037 +/- 0.0002	Mean: 0.0010 +/- 0.0006
Std Dev: 0.0186 +/- 0.0005	Std Dev: 0.0150 +/- 0.0002	Std Dev: 0.0177 +/- 0.0004



Cycle 10, Asyms

Entries: 828	Entries: 4706	Entries: 868
Mean: -0.0001 +/- 0.0006	Mean: -0.0051 +/- 0.0002	Mean: 0.0005 +/- 0.0006
Std Dev: 0.0181 +/- 0.0004	Std Dev: 0.0148 +/- 0.0002	Std Dev: 0.0176 +/- 0.0004



Cycle 11, Asyms

Entries: 2679	Entries: 4704	Entries: 850
Mean: 0.0007 +/- 0.0004	Mean: -0.0045 +/- 0.0002	Mean: 0.0005 +/- 0.0007
Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0152 +/- 0.0002	Std Dev: 0.0193 +/- 0.0005

