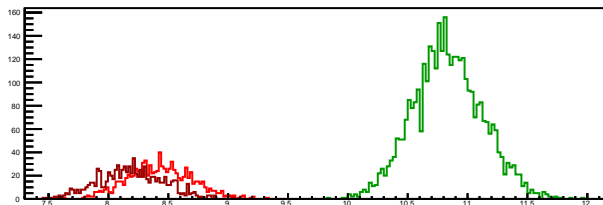


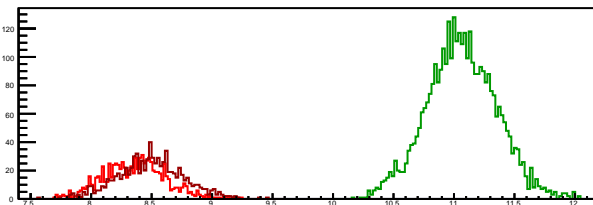
Cycle 1, PosHel

| | | |
|--|--|--|
| Entries: 955 Mean: 8.4315 +/- 0.0087 Std Dev: 0.2685 +/- 0.0061 | Entries: 3728 Mean: 10.8343 +/- 0.0048 Std Dev: 0.2913 +/- 0.0034 | Entries: 906 Mean: 8.1864 +/- 0.0090 Std Dev: 0.2696 +/- 0.0063 |
|--|--|--|



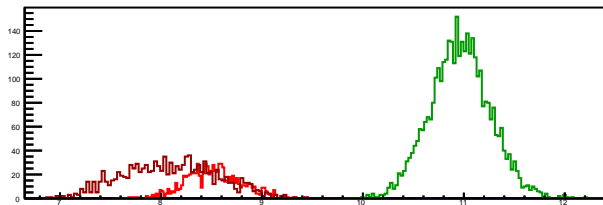
Cycle 2, PosHel

| | | |
|--|--|--|
| Entries: 905 Mean: 8.3619 +/- 0.0087 Std Dev: 0.2609 +/- 0.0061 | Entries: 3648 Mean: 11.0635 +/- 0.0048 Std Dev: 0.2895 +/- 0.0034 | Entries: 839 Mean: 8.4924 +/- 0.0094 Std Dev: 0.2726 +/- 0.0067 |
|--|--|--|



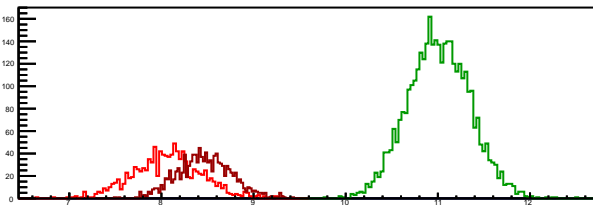
Cycle 3, PosHel

| | | |
|--|--|---|
| Entries: 837 Mean: 8.5175 +/- 0.0094 Std Dev: 0.2726 +/- 0.0067 | Entries: 3701 Mean: 10.9621 +/- 0.0049 Std Dev: 0.2977 +/- 0.0035 | Entries: 1166 Mean: 8.0900 +/- 0.0135 Std Dev: 0.4605 +/- 0.0095 |
|--|--|---|



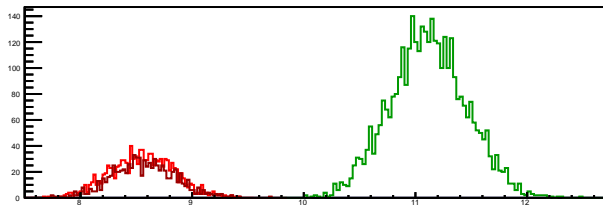
Cycle 4, PosHel

| | | |
|---|--|---|
| Entries: 1136 Mean: 8.0637 +/- 0.0111 Std Dev: 0.3744 +/- 0.0079 | Entries: 3768 Mean: 11.0103 +/- 0.0055 Std Dev: 0.3383 +/- 0.0039 | Entries: 1177 Mean: 8.4689 +/- 0.0086 Std Dev: 0.2937 +/- 0.0061 |
|---|--|---|



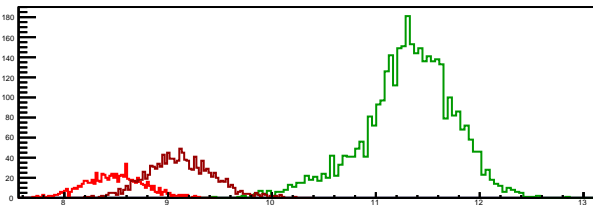
Cycle 5, PosHel

| | | |
|---|--|--|
| Entries: 1152 Mean: 8.5523 +/- 0.0084 Std Dev: 0.2841 +/- 0.0059 | Entries: 3697 Mean: 11.1146 +/- 0.0056 Std Dev: 0.3423 +/- 0.0040 | Entries: 836 Mean: 8.5684 +/- 0.0098 Std Dev: 0.2831 +/- 0.0069 |
|---|--|--|



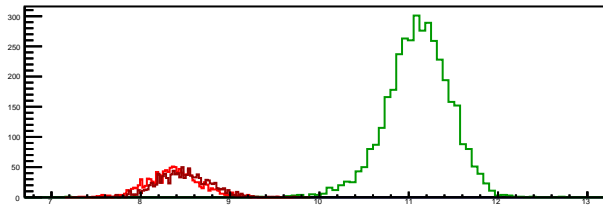
Cycle 6, PosHel

| | | |
|--|--|---|
| Entries: 843 Mean: 8.4848 +/- 0.0097 Std Dev: 0.2804 +/- 0.0068 | Entries: 3700 Mean: 11.3139 +/- 0.0073 Std Dev: 0.4423 +/- 0.0051 | Entries: 1321 Mean: 9.1192 +/- 0.0086 Std Dev: 0.3144 +/- 0.0061 |
|--|--|---|



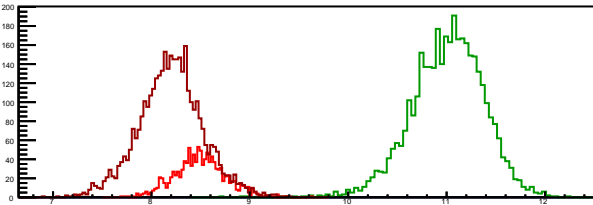
Cycle 7, PosHel

| | | |
|---|--|---|
| Entries: 1239 Mean: 8.3646 +/- 0.0084 Std Dev: 0.2969 +/- 0.0060 | Entries: 3768 Mean: 11.1025 +/- 0.0059 Std Dev: 0.3634 +/- 0.0042 | Entries: 1192 Mean: 8.4793 +/- 0.0084 Std Dev: 0.2908 +/- 0.0060 |
|---|--|---|



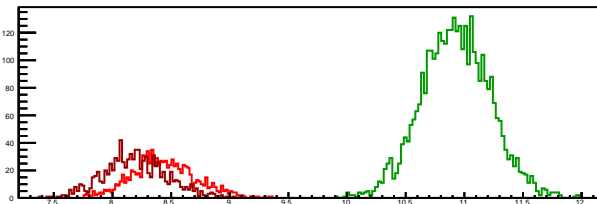
Cycle 8, PosHel

| | | |
|---|--|---|
| Entries: 1165 Mean: 8.4958 +/- 0.0077 Std Dev: 0.2626 +/- 0.0054 | Entries: 3719 Mean: 11.0067 +/- 0.0061 Std Dev: 0.3697 +/- 0.0043 | Entries: 3702 Mean: 8.1976 +/- 0.0054 Std Dev: 0.3269 +/- 0.0038 |
|---|--|---|



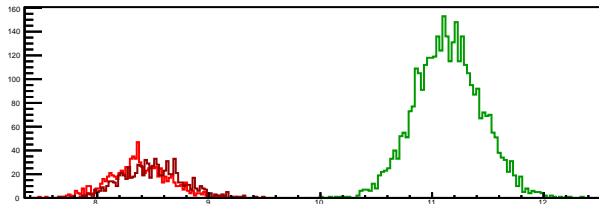
Cycle 1, NegHel

| | | |
|--|--|--|
| Entries: 955 Mean: 8.4362 +/- 0.0088 Std Dev: 0.2719 +/- 0.0062 | Entries: 3728 Mean: 10.9267 +/- 0.0048 Std Dev: 0.2941 +/- 0.0034 | Entries: 906 Mean: 8.1951 +/- 0.0090 Std Dev: 0.2719 +/- 0.0064 |
|--|--|--|



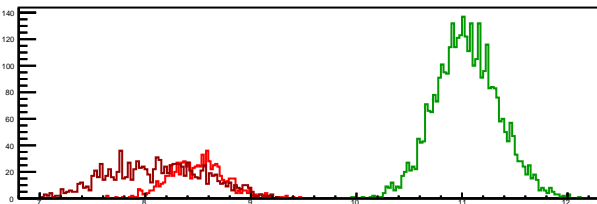
Cycle 2, NegHel

| | | |
|--|--|--|
| Entries: 905 Mean: 8.3786 +/- 0.0089 Std Dev: 0.2673 +/- 0.0063 | Entries: 3648 Mean: 11.1428 +/- 0.0049 Std Dev: 0.2979 +/- 0.0035 | Entries: 839 Mean: 8.4912 +/- 0.0094 Std Dev: 0.2725 +/- 0.0067 |
|--|--|--|



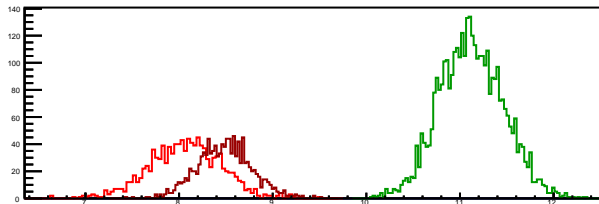
Cycle 3, NegHel

| | | |
|--|--|---|
| Entries: 837 Mean: 8.4936 +/- 0.0092 Std Dev: 0.2668 +/- 0.0065 | Entries: 3701 Mean: 11.0449 +/- 0.0050 Std Dev: 0.3023 +/- 0.0035 | Entries: 1166 Mean: 8.1172 +/- 0.0134 Std Dev: 0.4574 +/- 0.0095 |
|--|--|---|



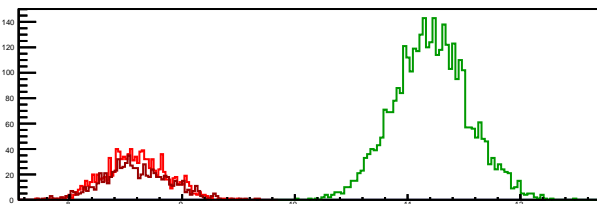
Cycle 4, NegHel

| | | |
|---|--|---|
| Entries: 1136 Mean: 8.0650 +/- 0.0114 Std Dev: 0.3850 +/- 0.0081 | Entries: 3768 Mean: 11.1207 +/- 0.0056 Std Dev: 0.3423 +/- 0.0039 | Entries: 1177 Mean: 8.4874 +/- 0.0085 Std Dev: 0.2925 +/- 0.0060 |
|---|--|---|



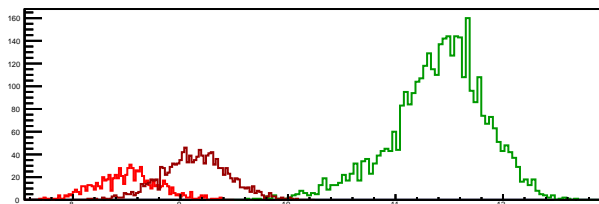
Cycle 5, NegHel

| | | |
|---|--|--|
| Entries: 1152 Mean: 8.5916 +/- 0.0081 Std Dev: 0.2752 +/- 0.0057 | Entries: 3697 Mean: 11.2078 +/- 0.0054 Std Dev: 0.3311 +/- 0.0039 | Entries: 836 Mean: 8.5965 +/- 0.0104 Std Dev: 0.3001 +/- 0.0073 |
|---|--|--|



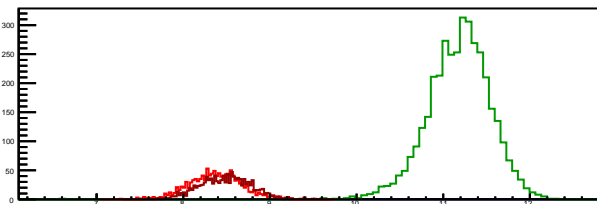
Cycle 6, NegHel

| | | |
|--|--|---|
| Entries: 843 Mean: 8.5083 +/- 0.0100 Std Dev: 0.2904 +/- 0.0071 | Entries: 3700 Mean: 11.4027 +/- 0.0072 Std Dev: 0.4375 +/- 0.0051 | Entries: 1321 Mean: 9.1389 +/- 0.0084 Std Dev: 0.3054 +/- 0.0059 |
|--|--|---|



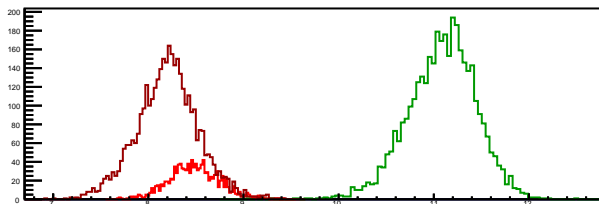
Cycle 7, NegHel

| | | |
|---|--|---|
| Entries: 1239 Mean: 8.3683 +/- 0.0085 Std Dev: 0.3007 +/- 0.0060 | Entries: 3768 Mean: 11.1797 +/- 0.0059 Std Dev: 0.3644 +/- 0.0042 | Entries: 1192 Mean: 8.4846 +/- 0.0084 Std Dev: 0.2902 +/- 0.0059 |
|---|--|---|



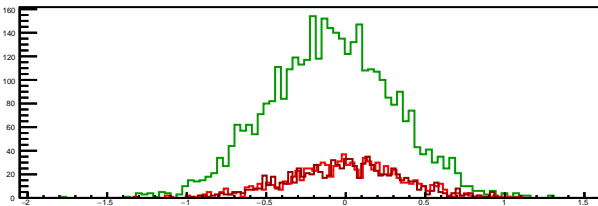
Cycle 8, NegHel

| | | |
|---|--|---|
| Entries: 1165 Mean: 8.4847 +/- 0.0078 Std Dev: 0.2679 +/- 0.0055 | Entries: 3719 Mean: 11.0830 +/- 0.0059 Std Dev: 0.3610 +/- 0.0042 | Entries: 3702 Mean: 8.2010 +/- 0.0053 Std Dev: 0.3249 +/- 0.0038 |
|---|--|---|



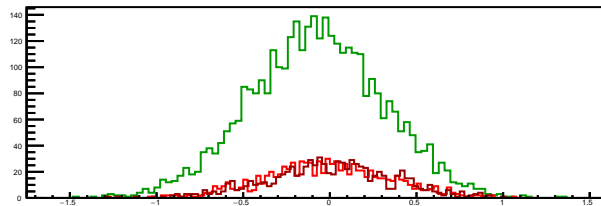
Cycle 1, Diffs

| | | |
|---|--|---|
| Entries: 955 Mean: -0.0047 +/- 0.0117 Std Dev: 0.3616 +/- 0.0083 | Entries: 3728 Mean: -0.0924 +/- 0.0064 Std Dev: 0.3928 +/- 0.0045 | Entries: 906 Mean: -0.0087 +/- 0.0118 Std Dev: 0.3560 +/- 0.0084 |
|---|--|---|



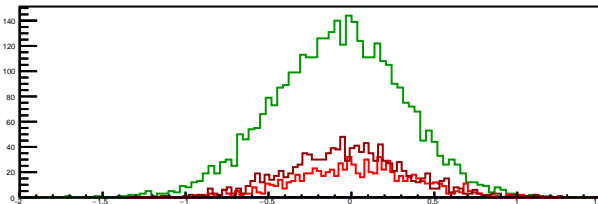
Cycle 2, Diffs

| | | |
|---|--|--|
| Entries: 905 Mean: -0.0167 +/- 0.0120 Std Dev: 0.3599 +/- 0.0085 | Entries: 3648 Mean: -0.0793 +/- 0.0064 Std Dev: 0.3859 +/- 0.0045 | Entries: 839 Mean: 0.0012 +/- 0.0126 Std Dev: 0.3661 +/- 0.0089 |
|---|--|--|



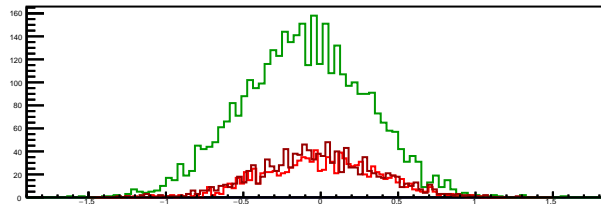
Cycle 3, Diffs

| | | |
|--|--|--|
| Entries: 837 Mean: 0.0240 +/- 0.0124 Std Dev: 0.3593 +/- 0.0088 | Entries: 3701 Mean: -0.0828 +/- 0.0064 Std Dev: 0.3885 +/- 0.0045 | Entries: 1166 Mean: -0.0272 +/- 0.0106 Std Dev: 0.3625 +/- 0.0075 |
|--|--|--|



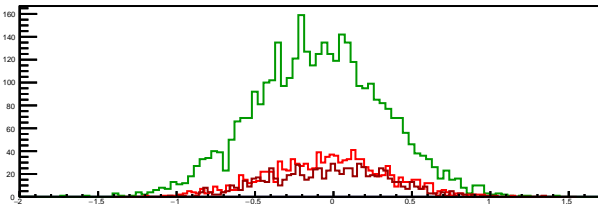
Cycle 4, Diffs

| | | |
|--|--|--|
| Entries: 1136 Mean: -0.0012 +/- 0.0109 Std Dev: 0.3678 +/- 0.0077 | Entries: 3768 Mean: -0.1104 +/- 0.0066 Std Dev: 0.4024 +/- 0.0046 | Entries: 1177 Mean: -0.0184 +/- 0.0111 Std Dev: 0.3795 +/- 0.0078 |
|--|--|--|



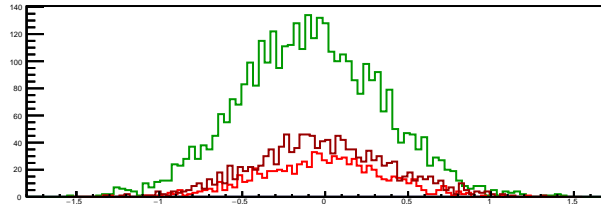
Cycle 5, Diffs

| | | |
|--|--|---|
| Entries: 1152 Mean: -0.0393 +/- 0.0111 Std Dev: 0.3771 +/- 0.0079 | Entries: 3697 Mean: -0.0933 +/- 0.0067 Std Dev: 0.4097 +/- 0.0048 | Entries: 836 Mean: -0.0281 +/- 0.0129 Std Dev: 0.3721 +/- 0.0091 |
|--|--|---|



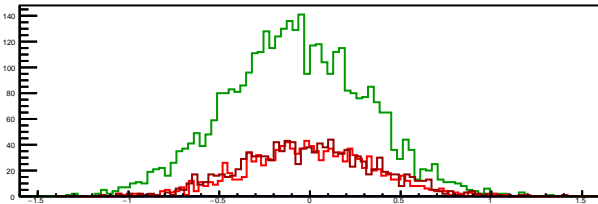
Cycle 6, Diffs

| | | |
|---|--|--|
| Entries: 843 Mean: -0.0235 +/- 0.0129 Std Dev: 0.3734 +/- 0.0091 | Entries: 3700 Mean: -0.0888 +/- 0.0070 Std Dev: 0.4259 +/- 0.0050 | Entries: 1321 Mean: -0.0197 +/- 0.0111 Std Dev: 0.4032 +/- 0.0078 |
|---|--|--|



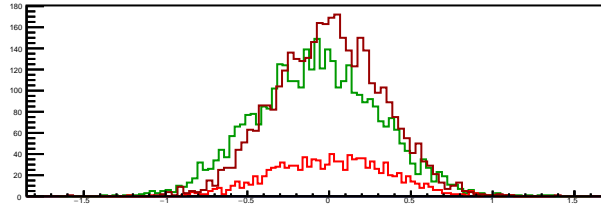
Cycle 7, Diffs

| | | |
|--|--|--|
| Entries: 1239 Mean: -0.0037 +/- 0.0100 Std Dev: 0.3505 +/- 0.0070 | Entries: 3768 Mean: -0.0773 +/- 0.0063 Std Dev: 0.3848 +/- 0.0044 | Entries: 1192 Mean: -0.0053 +/- 0.0105 Std Dev: 0.3637 +/- 0.0074 |
|--|--|--|



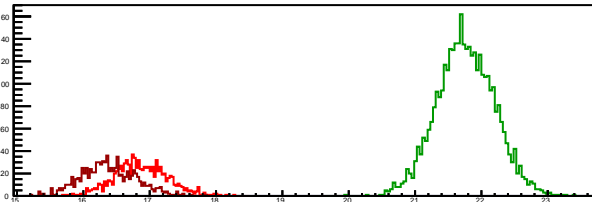
Cycle 8, Diffs

| | | |
|---|--|--|
| Entries: 1165 Mean: 0.0111 +/- 0.0103 Std Dev: 0.3518 +/- 0.0073 | Entries: 3719 Mean: -0.0763 +/- 0.0061 Std Dev: 0.3743 +/- 0.0043 | Entries: 3702 Mean: -0.0034 +/- 0.0054 Std Dev: 0.3272 +/- 0.0038 |
|---|--|--|



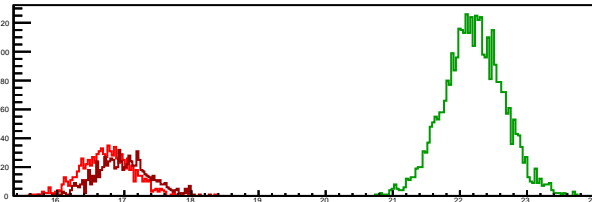
Cycle 1, Sums

| | | |
|---|--|---|
| Entries: 955 Mean: 16.8677 +/- 0.0130 Std Dev: 0.4015 +/- 0.0092 | Entries: 3728 Mean: 21.7609 +/- 0.0071 Std Dev: 0.4340 +/- 0.0050 | Entries: 906 Mean: 16.3814 +/- 0.0136 Std Dev: 0.4081 +/- 0.0096 |
|---|--|---|



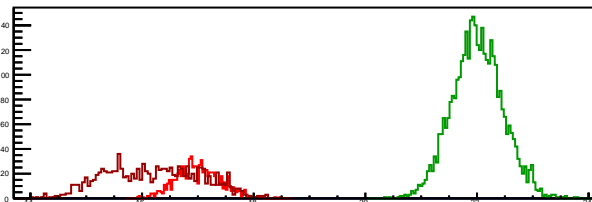
Cycle 2, Sums

| | | |
|---|--|---|
| Entries: 905 Mean: 16.7405 +/- 0.0129 Std Dev: 0.3866 +/- 0.0091 | Entries: 3648 Mean: 22.2063 +/- 0.0073 Std Dev: 0.4430 +/- 0.0052 | Entries: 839 Mean: 16.9835 +/- 0.0139 Std Dev: 0.4039 +/- 0.0099 |
|---|--|---|



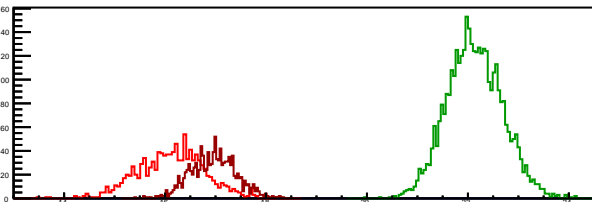
Cycle 3, Sums

| | | |
|---|--|--|
| Entries: 837 Mean: 17.0111 +/- 0.0139 Std Dev: 0.4023 +/- 0.0098 | Entries: 3701 Mean: 22.0069 +/- 0.0075 Std Dev: 0.4572 +/- 0.0053 | Entries: 1166 Mean: 16.2072 +/- 0.0247 Std Dev: 0.8433 +/- 0.0175 |
|---|--|--|



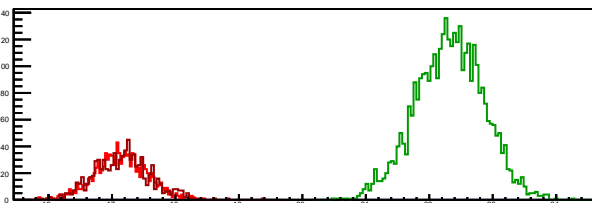
Cycle 4, Sums

| | | |
|--|--|--|
| Entries: 1136 Mean: 16.1287 +/- 0.0197 Std Dev: 0.6645 +/- 0.0139 | Entries: 3768 Mean: 22.1311 +/- 0.0089 Std Dev: 0.5489 +/- 0.0063 | Entries: 1177 Mean: 16.9563 +/- 0.0130 Std Dev: 0.4469 +/- 0.0092 |
|--|--|--|



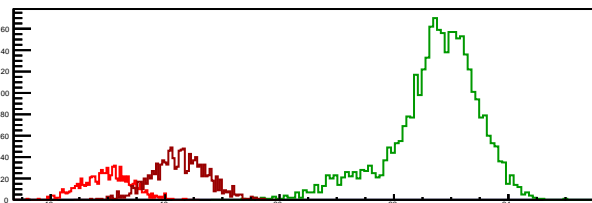
Cycle 5, Sums

| | | |
|--|--|---|
| Entries: 1152 Mean: 17.1439 +/- 0.0122 Std Dev: 0.4131 +/- 0.0086 | Entries: 3697 Mean: 22.3224 +/- 0.0088 Std Dev: 0.5346 +/- 0.0062 | Entries: 836 Mean: 17.1649 +/- 0.0155 Std Dev: 0.4494 +/- 0.0110 |
|--|--|---|



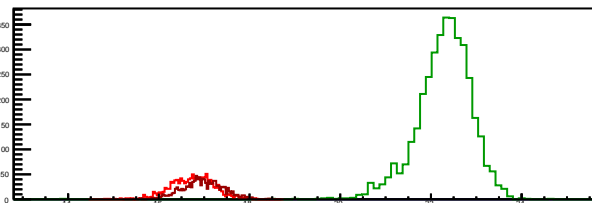
Cycle 6, Sums

| | | |
|---|--|--|
| Entries: 843 Mean: 16.9931 +/- 0.0149 Std Dev: 0.4318 +/- 0.0105 | Entries: 3700 Mean: 22.7165 +/- 0.0127 Std Dev: 0.7698 +/- 0.0089 | Entries: 1321 Mean: 18.2581 +/- 0.0130 Std Dev: 0.4707 +/- 0.0092 |
|---|--|--|



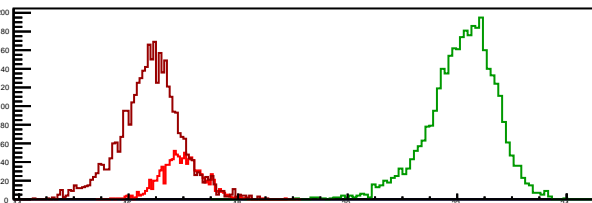
Cycle 7, Sums

| | | |
|--|--|--|
| Entries: 1239 Mean: 16.7329 +/- 0.0138 Std Dev: 0.4841 +/- 0.0097 | Entries: 3768 Mean: 22.2822 +/- 0.0101 Std Dev: 0.6178 +/- 0.0071 | Entries: 1192 Mean: 16.9639 +/- 0.0131 Std Dev: 0.4532 +/- 0.0093 |
|--|--|--|



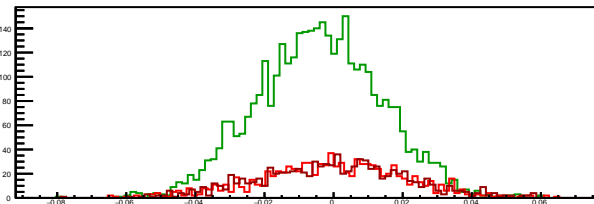
Cycle 8, Sums

| | | |
|--|--|--|
| Entries: 1165 Mean: 16.9805 +/- 0.0116 Std Dev: 0.3970 +/- 0.0082 | Entries: 3719 Mean: 22.0896 +/- 0.0103 Std Dev: 0.6276 +/- 0.0073 | Entries: 3702 Mean: 16.3987 +/- 0.0093 Std Dev: 0.5638 +/- 0.0066 |
|--|--|--|



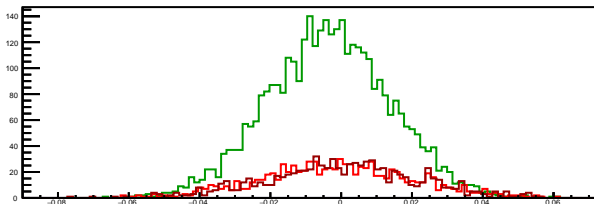
Cycle 1, Asyms

| | | |
|---|--|---|
| Entries: 955 Mean: -0.0003 +/- 0.0007 Std Dev: 0.0214 +/- 0.0005 | Entries: 3728 Mean: -0.0042 +/- 0.0003 Std Dev: 0.0180 +/- 0.0002 | Entries: 906 Mean: -0.0005 +/- 0.0007 Std Dev: 0.0217 +/- 0.0005 |
|---|--|---|



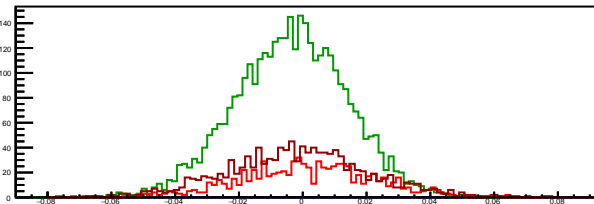
Cycle 2, Asyms

| | | |
|---|--|--|
| Entries: 905 Mean: -0.0010 +/- 0.0007 Std Dev: 0.0215 +/- 0.0005 | Entries: 3648 Mean: -0.0036 +/- 0.0003 Std Dev: 0.0174 +/- 0.0002 | Entries: 839 Mean: 0.0001 +/- 0.0007 Std Dev: 0.0215 +/- 0.0005 |
|---|--|--|



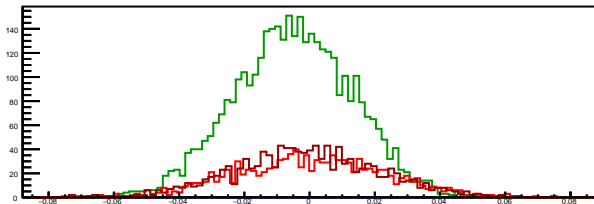
Cycle 3, Asyms

| | | |
|--|--|--|
| Entries: 837 Mean: 0.0014 +/- 0.0007 Std Dev: 0.0211 +/- 0.0005 | Entries: 3701 Mean: -0.0038 +/- 0.0003 Std Dev: 0.0176 +/- 0.0002 | Entries: 1166 Mean: -0.0017 +/- 0.0007 Std Dev: 0.0224 +/- 0.0005 |
|--|--|--|



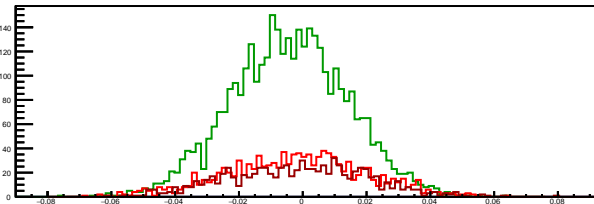
Cycle 4, Asyms

| | | |
|--|--|--|
| Entries: 1136 Mean: -0.0000 +/- 0.0007 Std Dev: 0.0228 +/- 0.0005 | Entries: 3768 Mean: -0.0050 +/- 0.0003 Std Dev: 0.0182 +/- 0.0002 | Entries: 1177 Mean: -0.0011 +/- 0.0007 Std Dev: 0.0223 +/- 0.0005 |
|--|--|--|



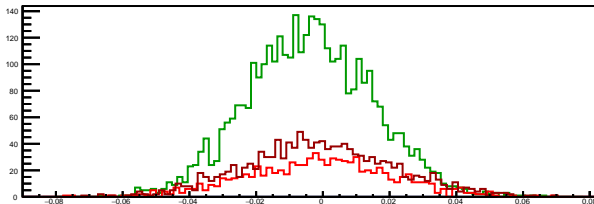
Cycle 5, Asyms

| | | |
|--|--|---|
| Entries: 1152 Mean: -0.0023 +/- 0.0006 Std Dev: 0.0220 +/- 0.0005 | Entries: 3697 Mean: -0.0042 +/- 0.0003 Std Dev: 0.0183 +/- 0.0002 | Entries: 836 Mean: -0.0016 +/- 0.0007 Std Dev: 0.0217 +/- 0.0005 |
|--|--|---|



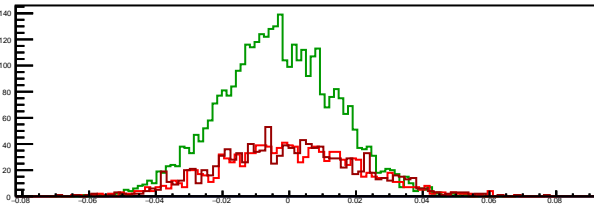
Cycle 6, Asyms

| | | |
|---|--|--|
| Entries: 843 Mean: -0.0014 +/- 0.0008 Std Dev: 0.0220 +/- 0.0005 | Entries: 3700 Mean: -0.0039 +/- 0.0003 Std Dev: 0.0187 +/- 0.0002 | Entries: 1321 Mean: -0.0011 +/- 0.0006 Std Dev: 0.0221 +/- 0.0004 |
|---|--|--|



Cycle 7, Asyms

| | | |
|--|--|--|
| Entries: 1239 Mean: -0.0002 +/- 0.0006 Std Dev: 0.0209 +/- 0.0004 | Entries: 3768 Mean: -0.0035 +/- 0.0003 Std Dev: 0.0173 +/- 0.0002 | Entries: 1192 Mean: -0.0003 +/- 0.0006 Std Dev: 0.0214 +/- 0.0004 |
|--|--|--|



Cycle 8, Asyms

| | | |
|---|--|--|
| Entries: 1165 Mean: 0.0007 +/- 0.0006 Std Dev: 0.0207 +/- 0.0004 | Entries: 3719 Mean: -0.0035 +/- 0.0003 Std Dev: 0.0169 +/- 0.0002 | Entries: 3702 Mean: -0.0002 +/- 0.0003 Std Dev: 0.0199 +/- 0.0002 |
|---|--|--|

