

## Cycle 1, PosHel

Entries: 840

Mean: 6.5949 +/- 0.0118

Std Dev: 0.3434 +/- 0.0084

Entries: 4808

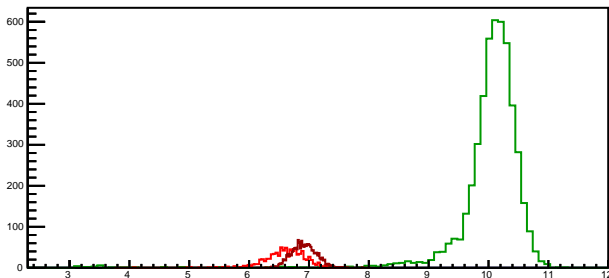
Mean: 10.0185 +/- 0.0094

Std Dev: 0.6521 +/- 0.0066

Entries: 1606

Mean: 6.9174 +/- 0.0052

Std Dev: 0.2080 +/- 0.0037



## Cycle 2, PosHel

Entries: 1595

Mean: 6.9262 +/- 0.0054

Std Dev: 0.2154 +/- 0.0038

Entries: 4634

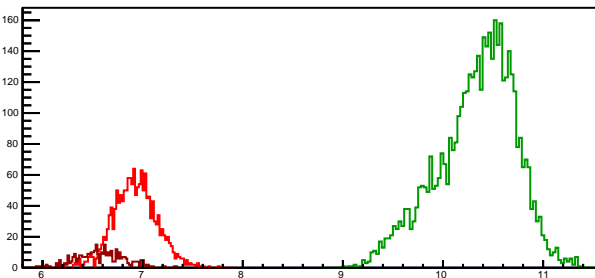
Mean: 10.3346 +/- 0.0057

Std Dev: 0.3901 +/- 0.0041

Entries: 353

Mean: 6.5826 +/- 0.0126

Std Dev: 0.2374 +/- 0.0089



## Cycle 3, PosHel

Entries: 1040

Mean: 6.8218 +/- 0.0072

Std Dev: 0.2335 +/- 0.0051

Entries: 4733

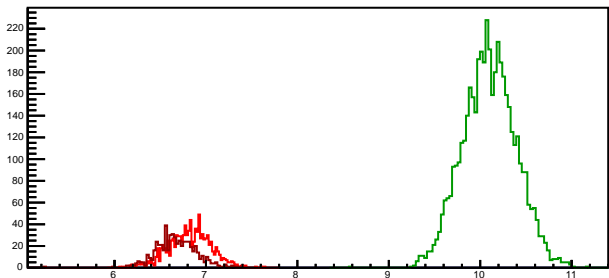
Mean: 10.0990 +/- 0.0042

Std Dev: 0.2914 +/- 0.0030

Entries: 571

Mean: 6.6732 +/- 0.0092

Std Dev: 0.2196 +/- 0.0065



## Cycle 4, PosHel

Entries: 449

Mean: 6.3622 +/- 0.0148

Std Dev: 0.3143 +/- 0.0105

Entries: 4856

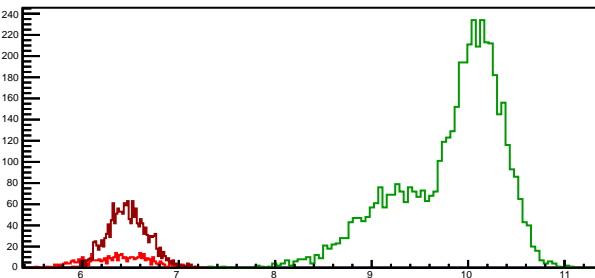
Mean: 9.8187 +/- 0.0078

Std Dev: 0.5418 +/- 0.0055

Entries: 1746

Mean: 6.4728 +/- 0.0050

Std Dev: 0.2104 +/- 0.0036



## Cycle 5, PosHel

Entries: 1691

Mean: 6.3529 +/- 0.0055

Std Dev: 0.2277 +/- 0.0039

Entries: 4780

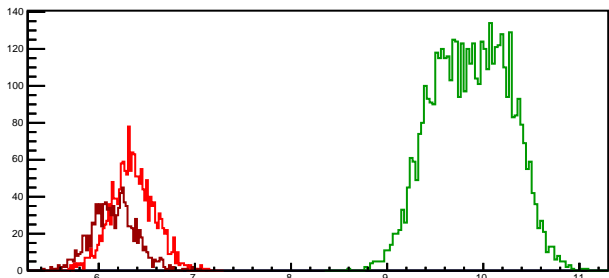
Mean: 9.8732 +/- 0.0057

Std Dev: 0.3957 +/- 0.0040

Entries: 1051

Mean: 6.1560 +/- 0.0072

Std Dev: 0.2339 +/- 0.0051



## Cycle 6, PosHel

Entries: 1041

Mean: 6.0740 +/- 0.0075

Std Dev: 0.2435 +/- 0.0053

Entries: 4784

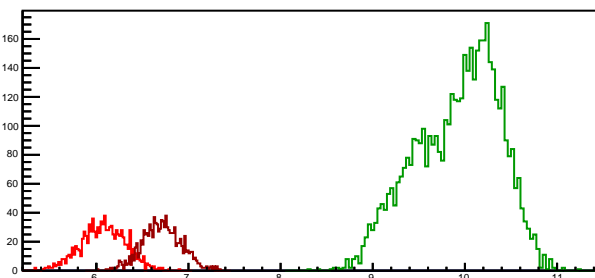
Mean: 9.9189 +/- 0.0066

Std Dev: 0.4558 +/- 0.0047

Entries: 1076

Mean: 6.7130 +/- 0.0065

Std Dev: 0.2120 +/- 0.0046



## Cycle 1, NegHel

Entries: 840

Mean: 6.5969 +/- 0.0124

Std Dev: 0.3593 +/- 0.0088

Entries: 4808

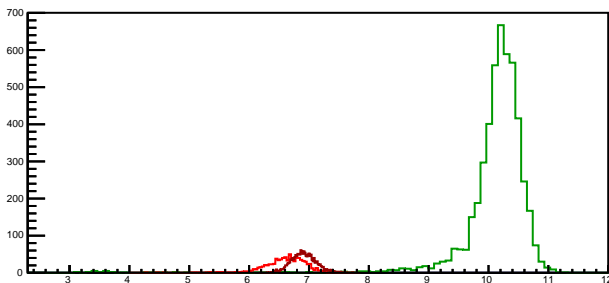
Mean: 10.1144 +/- 0.0094

Std Dev: 0.6489 +/- 0.0066

Entries: 1606

Mean: 6.9117 +/- 0.0052

Std Dev: 0.2067 +/- 0.0036



## Cycle 2, NegHel

Entries: 1595

Mean: 6.9159 +/- 0.0053

Std Dev: 0.2131 +/- 0.0038

Entries: 4634

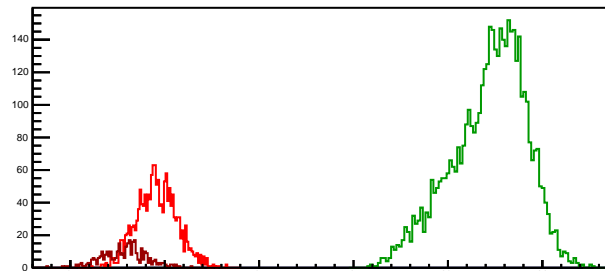
Mean: 10.4342 +/- 0.0058

Std Dev: 0.3951 +/- 0.0041

Entries: 353

Mean: 6.5752 +/- 0.0128

Std Dev: 0.2401 +/- 0.0090



## Cycle 3, NegHel

Entries: 1040

Mean: 6.8185 +/- 0.0075

Std Dev: 0.2411 +/- 0.0053

Entries: 4733

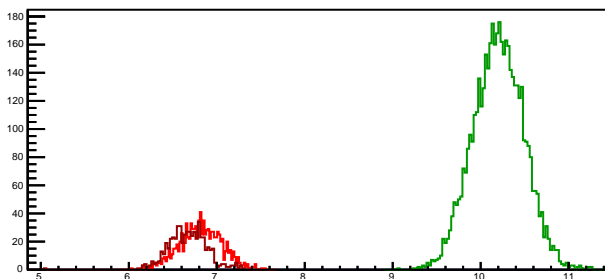
Mean: 10.2001 +/- 0.0042

Std Dev: 0.2897 +/- 0.0030

Entries: 571

Mean: 6.6700 +/- 0.0094

Std Dev: 0.2255 +/- 0.0067



## Cycle 4, NegHel

Entries: 449

Mean: 6.3628 +/- 0.0160

Std Dev: 0.3392 +/- 0.0113

Entries: 4856

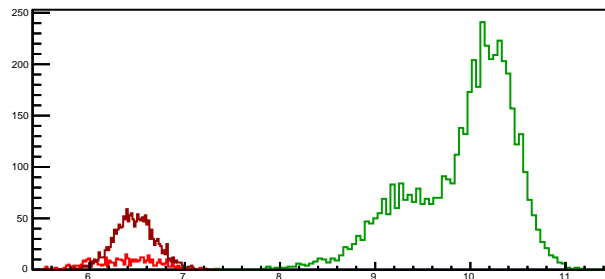
Mean: 9.9201 +/- 0.0078

Std Dev: 0.5464 +/- 0.0055

Entries: 1746

Mean: 6.4746 +/- 0.0052

Std Dev: 0.2158 +/- 0.0037



## Cycle 5, NegHel

Entries: 1691

Mean: 6.3604 +/- 0.0056

Std Dev: 0.2305 +/- 0.0040

Entries: 4780

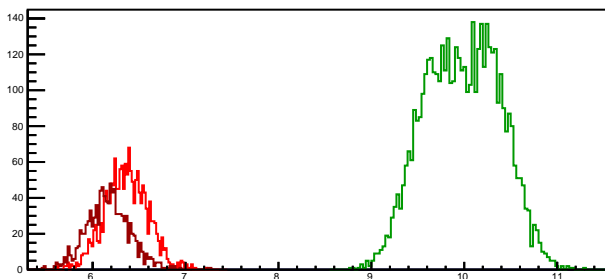
Mean: 9.9785 +/- 0.0058

Std Dev: 0.4020 +/- 0.0041

Entries: 1051

Mean: 6.1692 +/- 0.0072

Std Dev: 0.2340 +/- 0.0051



## Cycle 6, NegHel

Entries: 1041

Mean: 6.0679 +/- 0.0075

Std Dev: 0.2432 +/- 0.0053

Entries: 4784

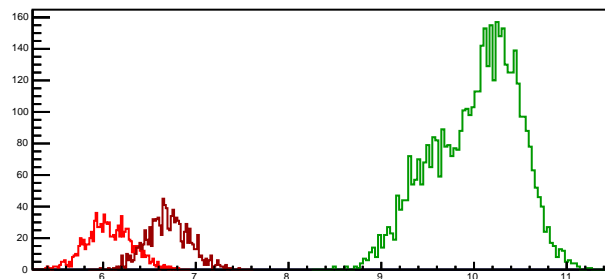
Mean: 10.0197 +/- 0.0067

Std Dev: 0.4606 +/- 0.0047

Entries: 1076

Mean: 6.7020 +/- 0.0070

Std Dev: 0.2296 +/- 0.0050



## Cycle 1, Diffs

Entries: 840

Mean: -0.0020 +/- 0.0098

Std Dev: 0.2839 +/- 0.0069

Entries: 4808

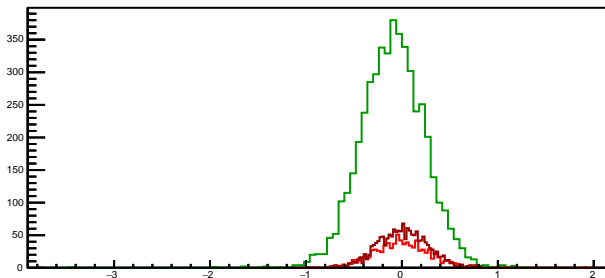
Mean: -0.0959 +/- 0.0048

Std Dev: 0.3314 +/- 0.0034

Entries: 1606

Mean: 0.0057 +/- 0.0065

Std Dev: 0.2608 +/- 0.0046



## Cycle 2, Diffs

Entries: 1595

Mean: 0.0103 +/- 0.0067

Std Dev: 0.2689 +/- 0.0048

Entries: 4634

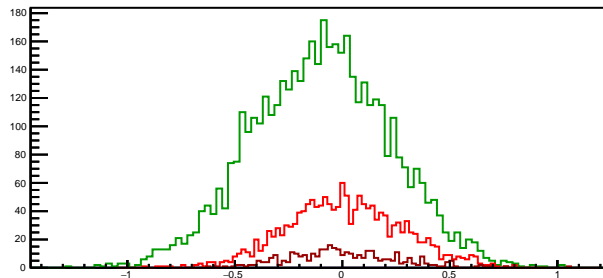
Mean: -0.0996 +/- 0.0047

Std Dev: 0.3200 +/- 0.0033

Entries: 353

Mean: 0.0074 +/- 0.0135

Std Dev: 0.2542 +/- 0.0096



## Cycle 3, Diffs

Entries: 1040

Mean: 0.0033 +/- 0.0081

Std Dev: 0.2623 +/- 0.0058

Entries: 4733

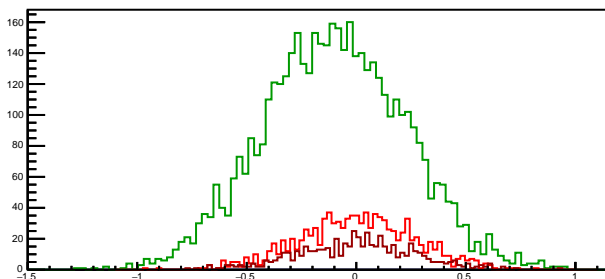
Mean: -0.1011 +/- 0.0047

Std Dev: 0.3253 +/- 0.0033

Entries: 571

Mean: 0.0033 +/- 0.0112

Std Dev: 0.2674 +/- 0.0079



## Cycle 4, Diffs

Entries: 449

Mean: -0.0006 +/- 0.0128

Std Dev: 0.2702 +/- 0.0090

Entries: 4856

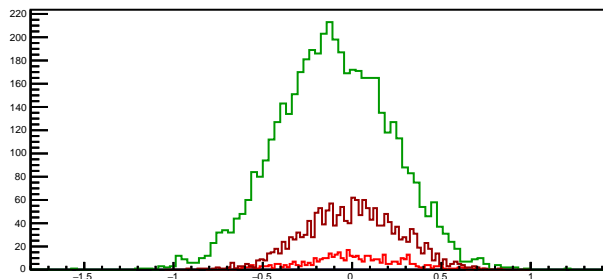
Mean: -0.1015 +/- 0.0046

Std Dev: 0.3185 +/- 0.0032

Entries: 1746

Mean: -0.0019 +/- 0.0064

Std Dev: 0.2661 +/- 0.0045



## Cycle 5, Diffs

Entries: 1691

Mean: -0.0075 +/- 0.0065

Std Dev: 0.2689 +/- 0.0046

Entries: 4780

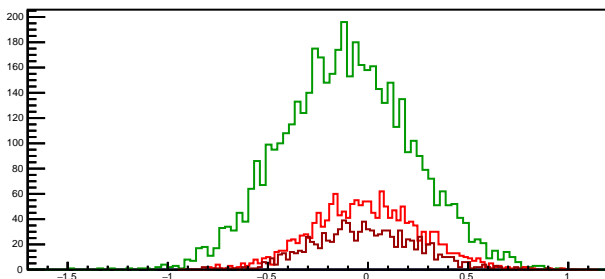
Mean: -0.1053 +/- 0.0047

Std Dev: 0.3220 +/- 0.0033

Entries: 1051

Mean: -0.0133 +/- 0.0079

Std Dev: 0.2575 +/- 0.0056



## Cycle 6, Diffs

Entries: 1041

Mean: 0.0061 +/- 0.0083

Std Dev: 0.2684 +/- 0.0059

Entries: 4784

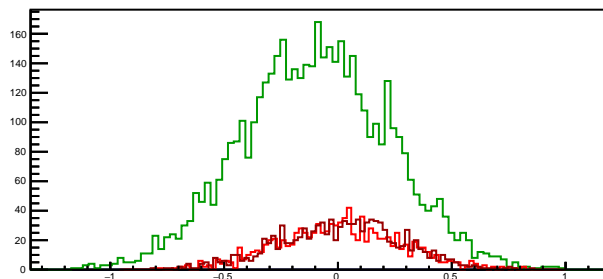
Mean: -0.1008 +/- 0.0047

Std Dev: 0.3250 +/- 0.0033

Entries: 1076

Mean: 0.0110 +/- 0.0082

Std Dev: 0.2687 +/- 0.0058



## Cycle 1, Sums

Entries: 840

Entries: 4808

Entries: 1606

Mean: 13.1919 +/- 0.0222

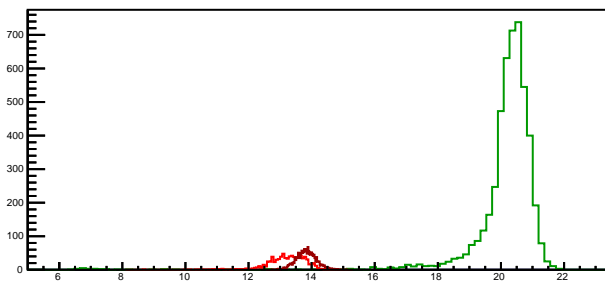
Mean: 20.1330 +/- 0.0181

Mean: 13.8290 +/- 0.0080

Std Dev: 0.6430 +/- 0.0157

Std Dev: 1.2581 +/- 0.0128

Std Dev: 0.3224 +/- 0.0057



## Cycle 2, Sums

Entries: 1595

Entries: 4634

Entries: 353

Mean: 13.8421 +/- 0.0084

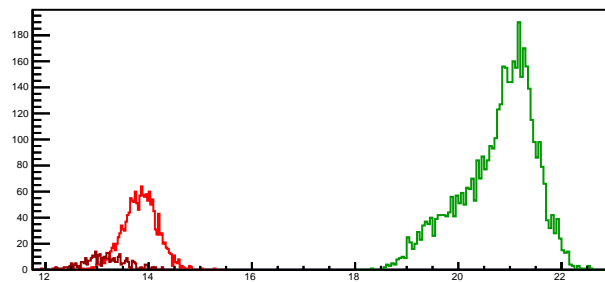
Mean: 20.7688 +/- 0.0105

Mean: 13.1577 +/- 0.0215

Std Dev: 0.3337 +/- 0.0059

Std Dev: 0.7171 +/- 0.0074

Std Dev: 0.4042 +/- 0.0152



## Cycle 3, Sums

Entries: 1040

Entries: 4733

Entries: 571

Mean: 13.6403 +/- 0.0123

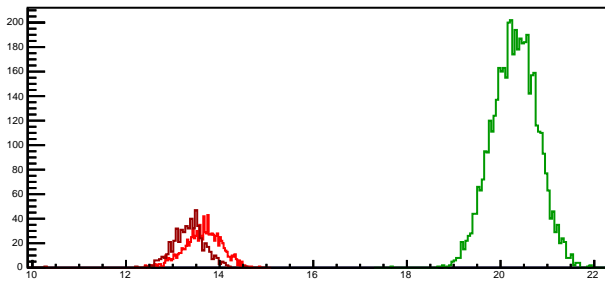
Mean: 20.2990 +/- 0.0070

Mean: 13.3432 +/- 0.0149

Std Dev: 0.3956 +/- 0.0087

Std Dev: 0.4815 +/- 0.0049

Std Dev: 0.3559 +/- 0.0105



## Cycle 4, Sums

Entries: 449

Entries: 4856

Entries: 1746

Mean: 12.7250 +/- 0.0281

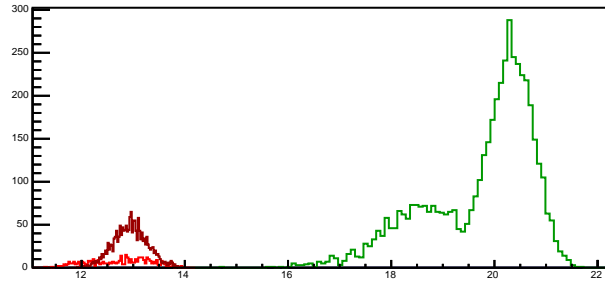
Mean: 19.7388 +/- 0.0149

Mean: 12.9474 +/- 0.0080

Std Dev: 0.5955 +/- 0.0199

Std Dev: 1.0405 +/- 0.0106

Std Dev: 0.3330 +/- 0.0056



## Cycle 5, Sums

Entries: 1691

Entries: 4780

Entries: 1051

Mean: 12.7133 +/- 0.0090

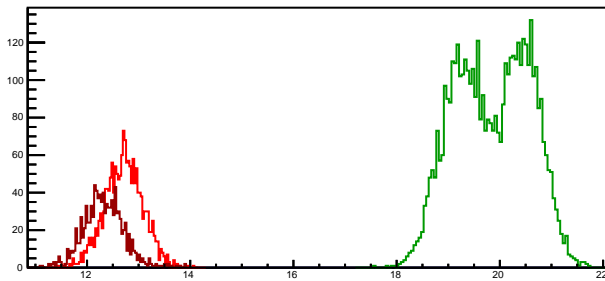
Mean: 19.8517 +/- 0.0106

Mean: 12.3252 +/- 0.0120

Std Dev: 0.3710 +/- 0.0064

Std Dev: 0.7299 +/- 0.0075

Std Dev: 0.3906 +/- 0.0085



## Cycle 6, Sums

Entries: 1041

Entries: 4784

Entries: 1076

Mean: 12.1419 +/- 0.0126

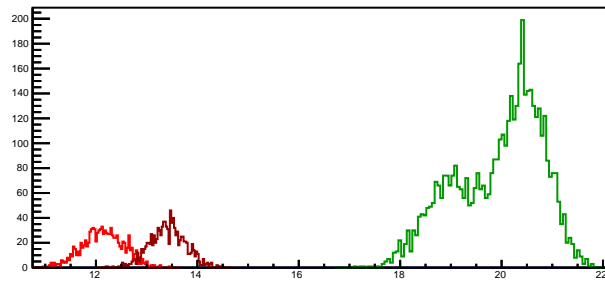
Mean: 19.9385 +/- 0.0124

Mean: 13.4151 +/- 0.0107

Std Dev: 0.4060 +/- 0.0089

Std Dev: 0.8569 +/- 0.0088

Std Dev: 0.3510 +/- 0.0076



## Cycle 1, Asyms

Entries: 840

Mean: -0.0001 +/- 0.0008

Std Dev: 0.0222 +/- 0.0005

Entries: 4808

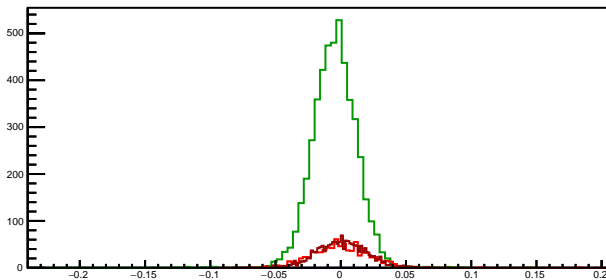
Mean: -0.0048 +/- 0.0003

Std Dev: 0.0173 +/- 0.0002

Entries: 1606

Mean: 0.0004 +/- 0.0005

Std Dev: 0.0188 +/- 0.0003



## Cycle 2, Asyms

Entries: 1595

Mean: 0.0007 +/- 0.0005

Std Dev: 0.0194 +/- 0.0003

Entries: 4634

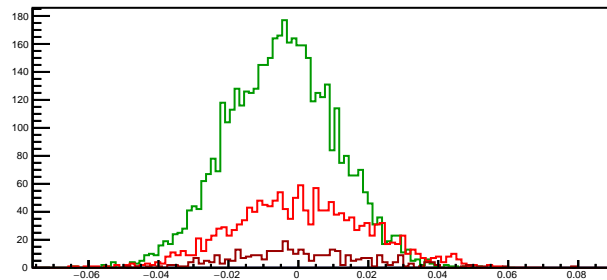
Mean: -0.0048 +/- 0.0002

Std Dev: 0.0154 +/- 0.0002

Entries: 353

Mean: 0.0006 +/- 0.0010

Std Dev: 0.0194 +/- 0.0007



## Cycle 3, Asyms

Entries: 1040

Mean: 0.0003 +/- 0.0006

Std Dev: 0.0192 +/- 0.0004

Entries: 4733

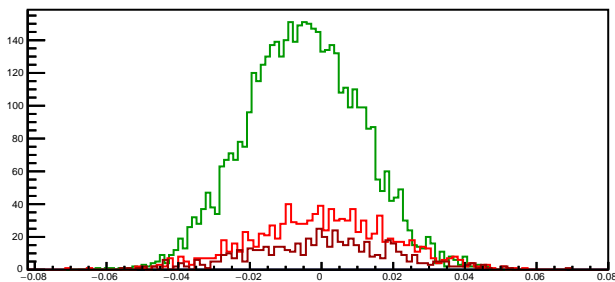
Mean: -0.0050 +/- 0.0002

Std Dev: 0.0160 +/- 0.0002

Entries: 571

Mean: 0.0003 +/- 0.0008

Std Dev: 0.0200 +/- 0.0006



## Cycle 4, Asyms

Entries: 449

Mean: 0.0001 +/- 0.0010

Std Dev: 0.0212 +/- 0.0007

Entries: 4856

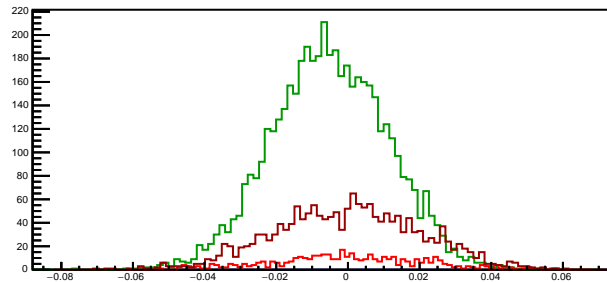
Mean: -0.0051 +/- 0.0002

Std Dev: 0.0162 +/- 0.0002

Entries: 1746

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0205 +/- 0.0003



## Cycle 5, Asyms

Entries: 1691

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0211 +/- 0.0004

Entries: 4780

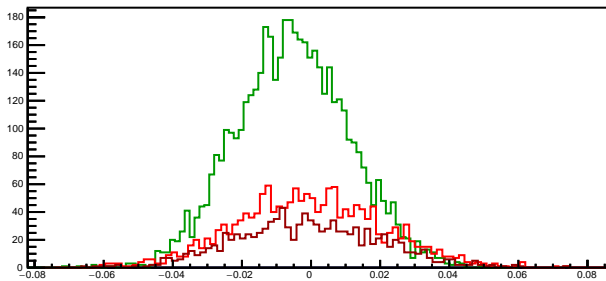
Mean: -0.0053 +/- 0.0002

Std Dev: 0.0162 +/- 0.0002

Entries: 1051

Mean: -0.0011 +/- 0.0006

Std Dev: 0.0209 +/- 0.0005



## Cycle 6, Asyms

Entries: 1041

Mean: 0.0005 +/- 0.0007

Std Dev: 0.0221 +/- 0.0005

Entries: 4784

Mean: -0.0051 +/- 0.0002

Std Dev: 0.0163 +/- 0.0002

Entries: 1076

Mean: 0.0009 +/- 0.0006

Std Dev: 0.0200 +/- 0.0004

