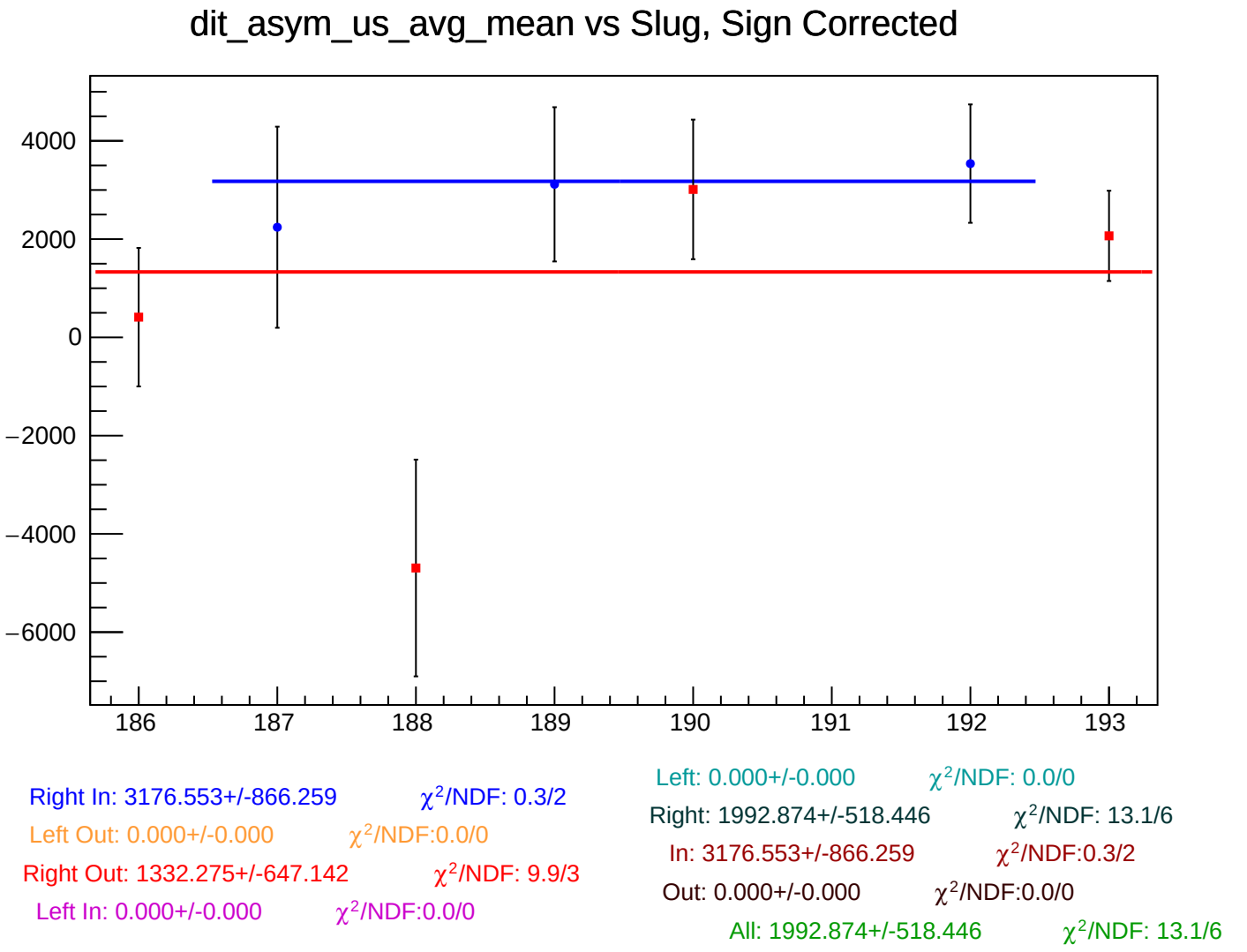
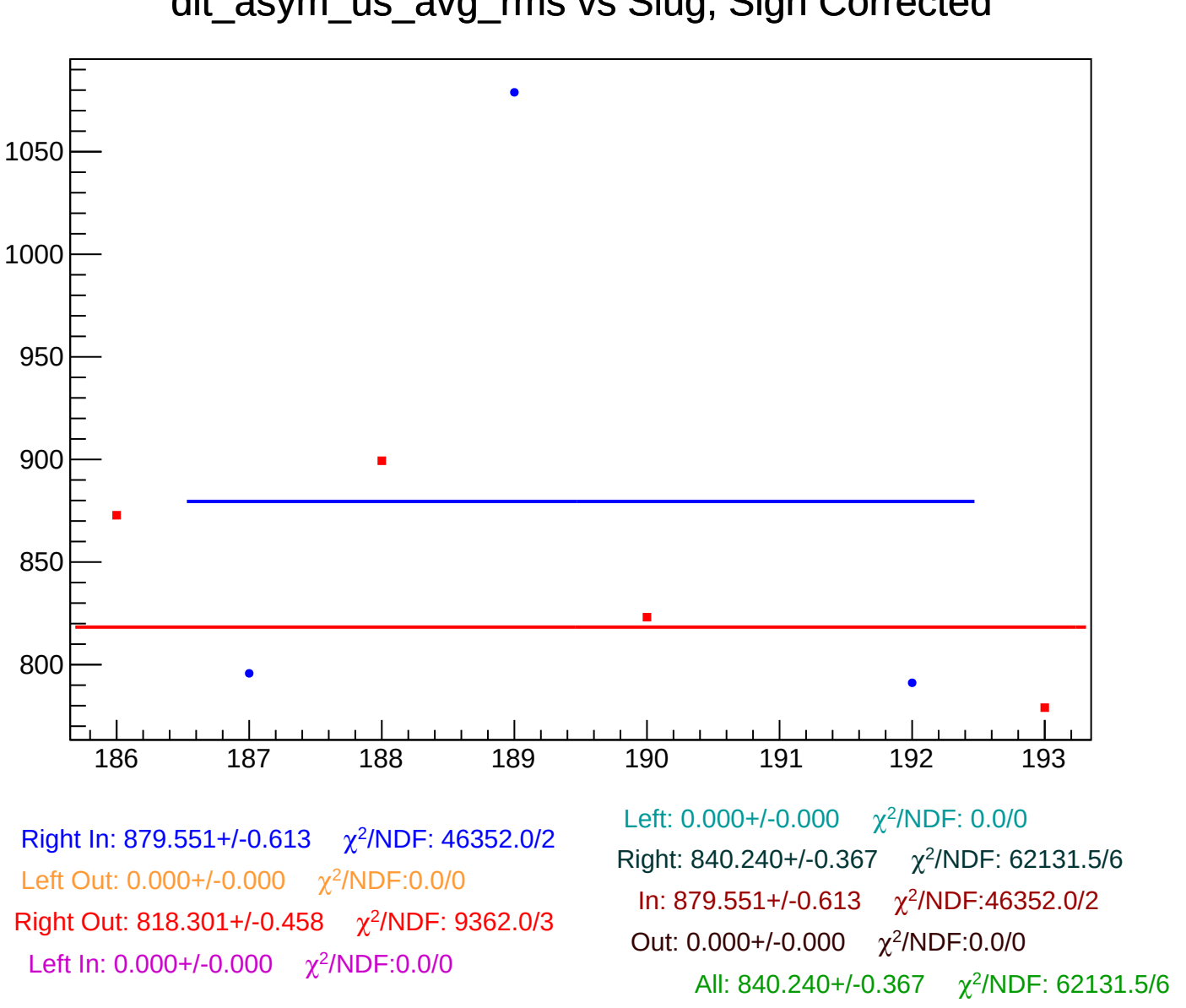
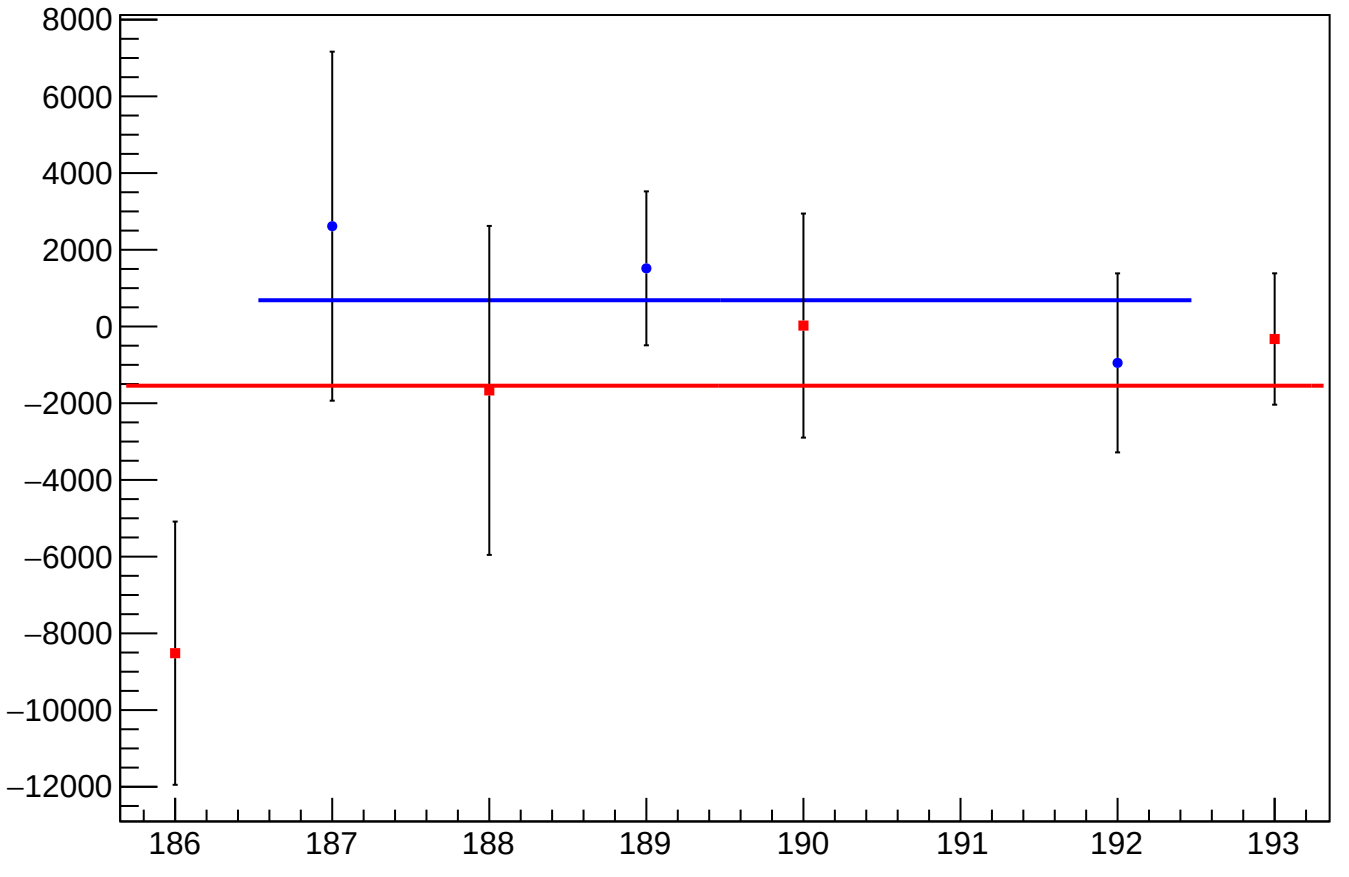

dit_asym_us_avg_mean vs Slug, Sign Corrected
4000
2000
0
−2000
−4000
−6000
186
187
188
189
190
191
192
193
Right In: 3176.553+/-866.259 χ²/NDF: 0.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1332.275+/-647.142 χ²/NDF: 9.9/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1992.874+/-518.446 χ²/NDF: 13.1/6
In: 3176.553+/-866.259 χ²/NDF:0.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1992.874+/-518.446 χ²/NDF: 13.1/6


dit_asym_us_avg_rms vs Slug, Sign Corrected
1050
1000
950
900
850
800
186
187
188
189
190
191
192
193
Right In: 879.551+/-0.613 χ²/NDF: 46352.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 818.301+/-0.458 χ²/NDF: 9362.0/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 840.240+/-0.367 χ²/NDF: 62131.5/6
In: 879.551+/-0.613 χ²/NDF:46352.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 840.240+/-0.367 χ²/NDF: 62131.5/6



Right In: 684.534+/-1442.930 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1543.533+/-1293.507 χ^2/NDF: 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

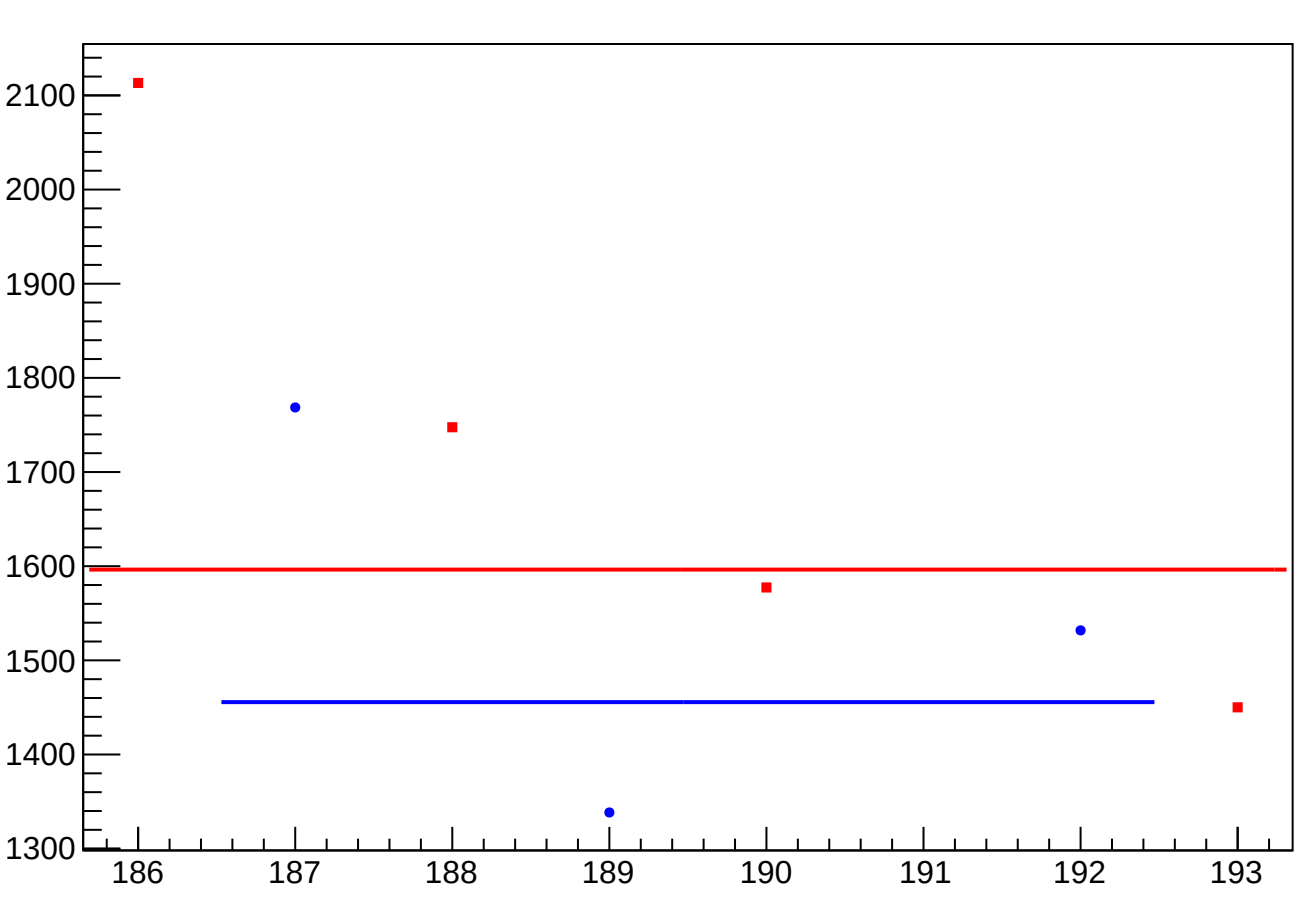
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -550.801+/-963.157 χ^2/NDF: 7.1/6

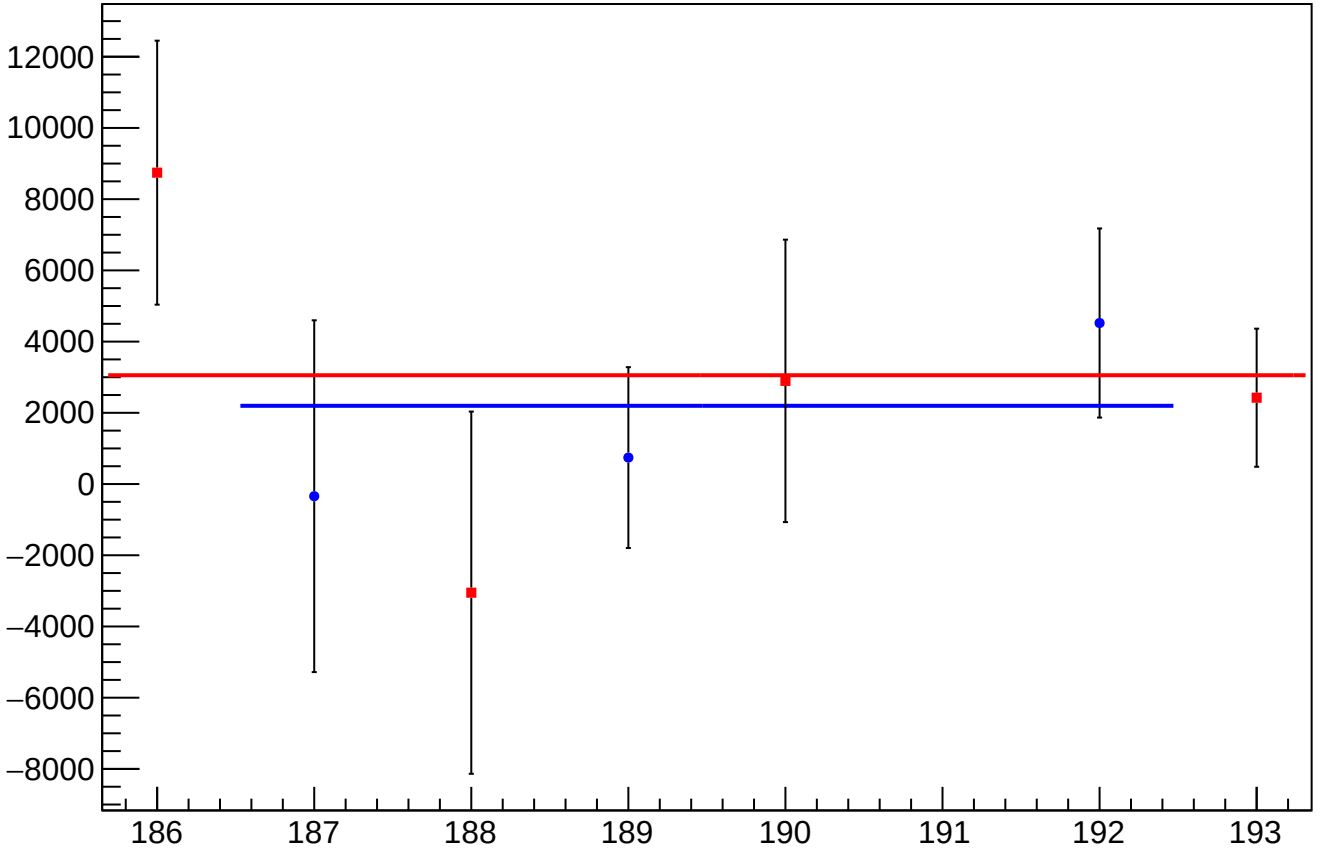
In: 684.534+/-1442.930 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -550.801+/-963.157 χ^2/NDF: 7.1/6


asym_us_avg_correction_rms vs Slug, Sign Corrected
2100
2000
1900
1800
1700
1600
1500
1400
1300
186
187
188
189
190
191
192
193
Right In: 1455.638+/-1.020 χ²/NDF: 18417.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1596.380+/-0.915 χ²/NDF: 62548.1/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1533.671+/-0.681 χ²/NDF: 91515.3/6
In: 1455.638+/-1.020 χ²/NDF:18417.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1533.671+/-0.681 χ²/NDF: 91515.3/6

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2197.245+/-1720.558 χ^2/NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3055.463+/-1505.929 χ^2/NDF: 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

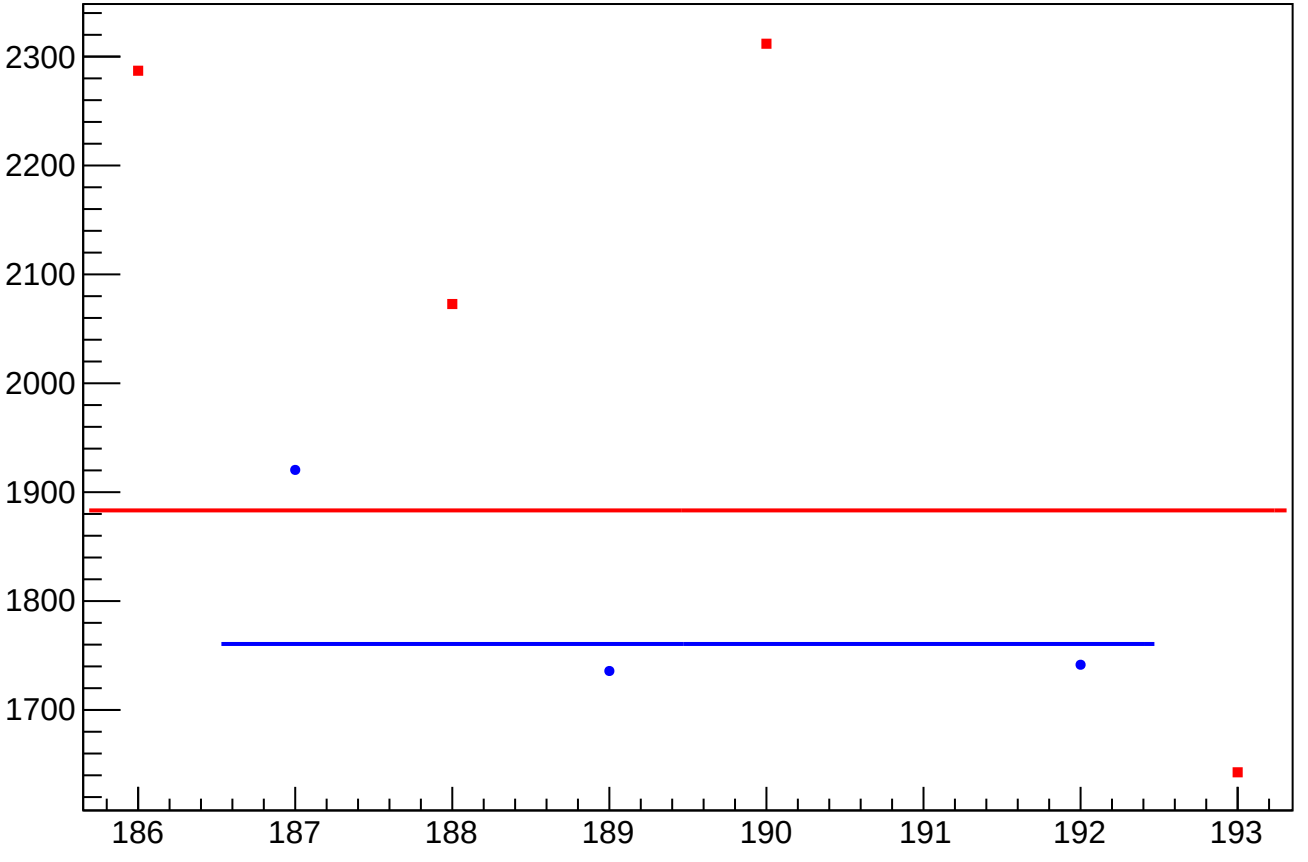
Right: 2683.192+/-1133.183 χ^2/NDF: 5.4/6

In: 2197.245+/-1720.558 χ^2/NDF:1.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2683.192+/-1133.183 χ^2/NDF: 5.4/6

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1760.608+/-1.217 χ^2/NDF: 2388.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1883.259+/-1.065 χ^2/NDF: 80627.2/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

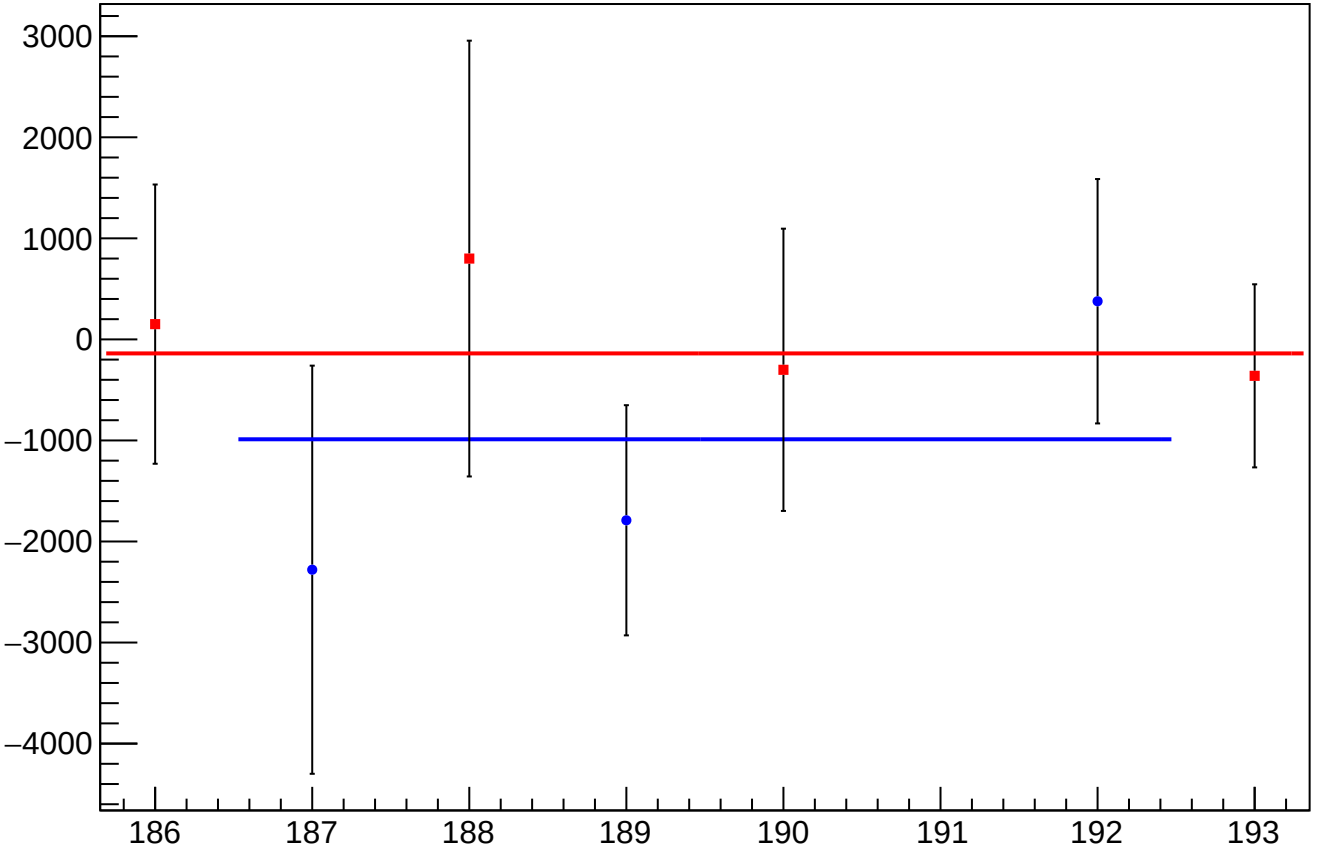
Right: 1830.056+/-0.801 χ^2/NDF: 88770.2/6

In: 1760.608+/-1.217 χ^2/NDF:2388.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1830.056+/-0.801 χ^2/NDF: 88770.2/6

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -988.603+/-766.972 χ^2/NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -138.743+/-636.312 χ^2/NDF: 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

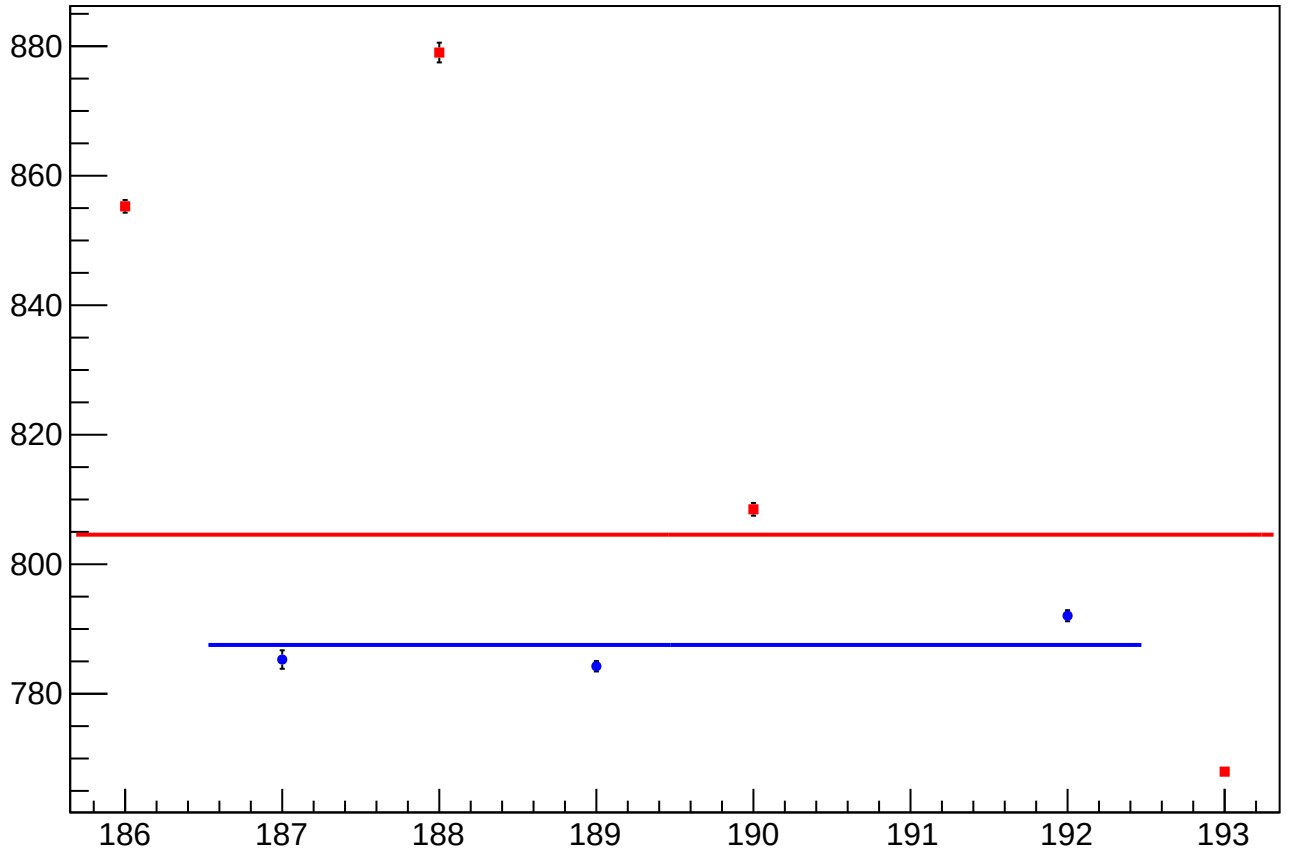
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -485.222+/-489.716 χ^2/NDF: 3.2/6

In: -988.603+/-766.972 χ^2/NDF:2.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -485.222+/-489.716 χ^2/NDF: 3.2/6



Right In: 787.538+/-0.542 χ^2/NDF: 47.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 804.567+/-0.450 χ^2/NDF: 8356.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

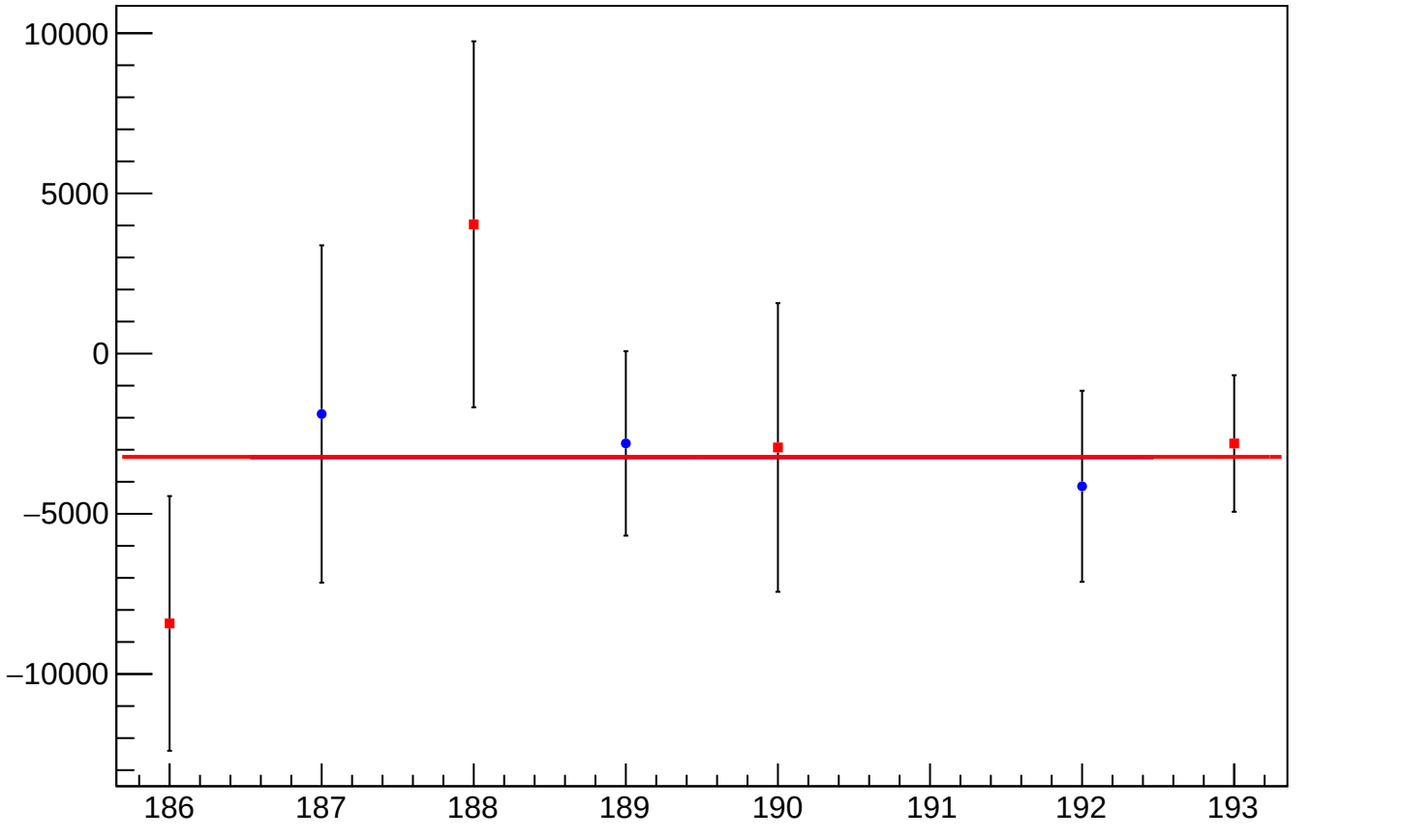
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

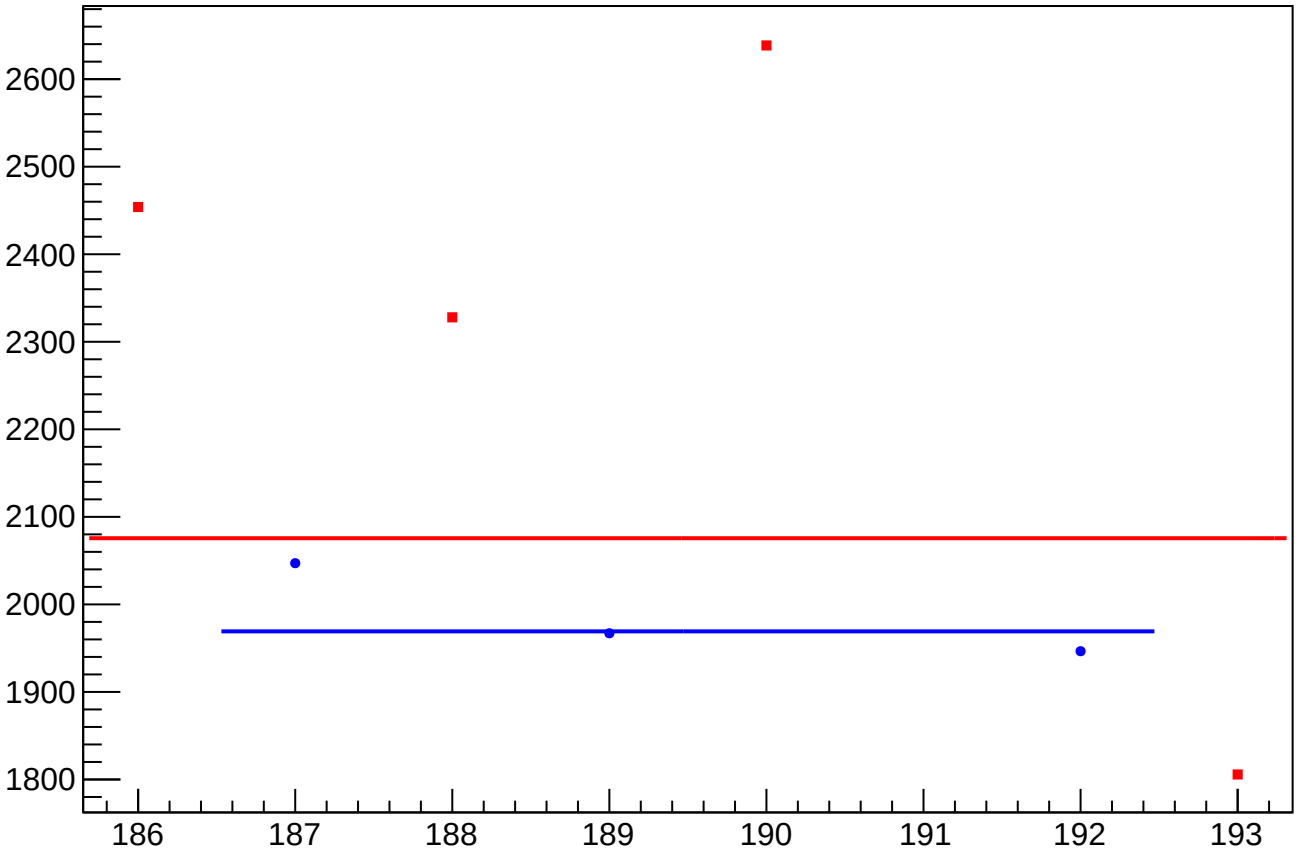
Right: 797.624+/-0.346 χ^2/NDF: 8987.6/6

In: 787.538+/-0.542 χ^2/NDF:47.0/2

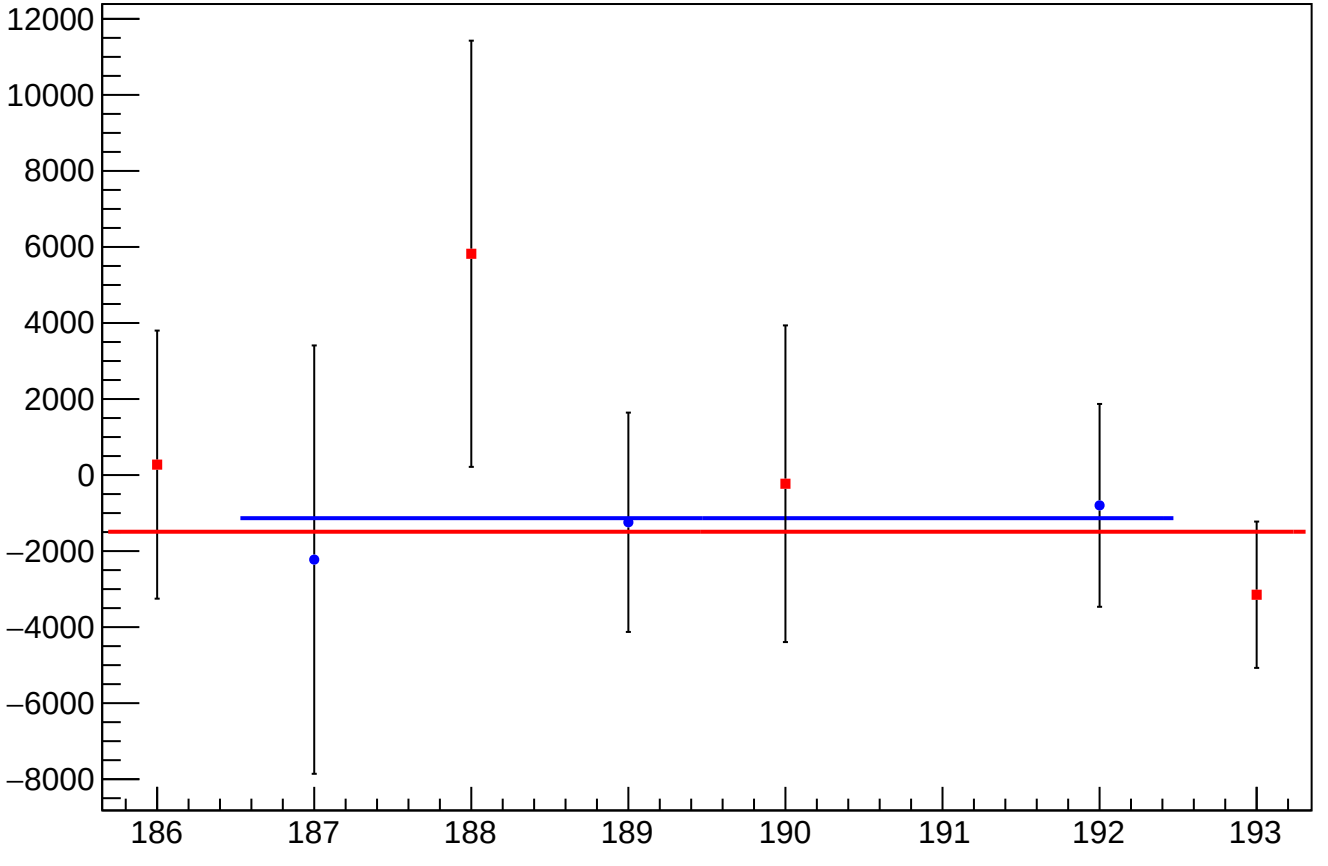
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 797.624+/-0.346 χ^2/NDF: 8987.6/6


asym_us_dd_correction_mean vs Slug, Sign Corrected
10000
5000
0
−5000
−10000
186
187
188
189
190
191
192
193
Right In: -3238.385+/-1927.265 χ²/NDF: 0.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -3222.975+/-1658.822 χ²/NDF: 3.4/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -3229.533+/-1257.251 χ²/NDF: 3.5/6
In: -3238.385+/-1927.265 χ²/NDF:0.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -3229.533+/-1257.251 χ²/NDF: 3.5/6


asym_us_dd_correction_rms vs Slug, Sign Corrected
2600
2500
2400
2300
2200
2100
2000
1900
1800
186
187
188
189
190
191
192
193
Right In: 1969.194+/-1.363 χ²/NDF: 554.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2075.608+/-1.173 χ²/NDF: 85330.4/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2030.322+/-0.889 χ²/NDF: 89387.2/6
In: 1969.194+/-1.363 χ²/NDF:554.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2030.322+/-0.889 χ²/NDF: 89387.2/6

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -1134.163+/-1849.998 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1490.814+/-1507.737 χ^2/NDF: 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

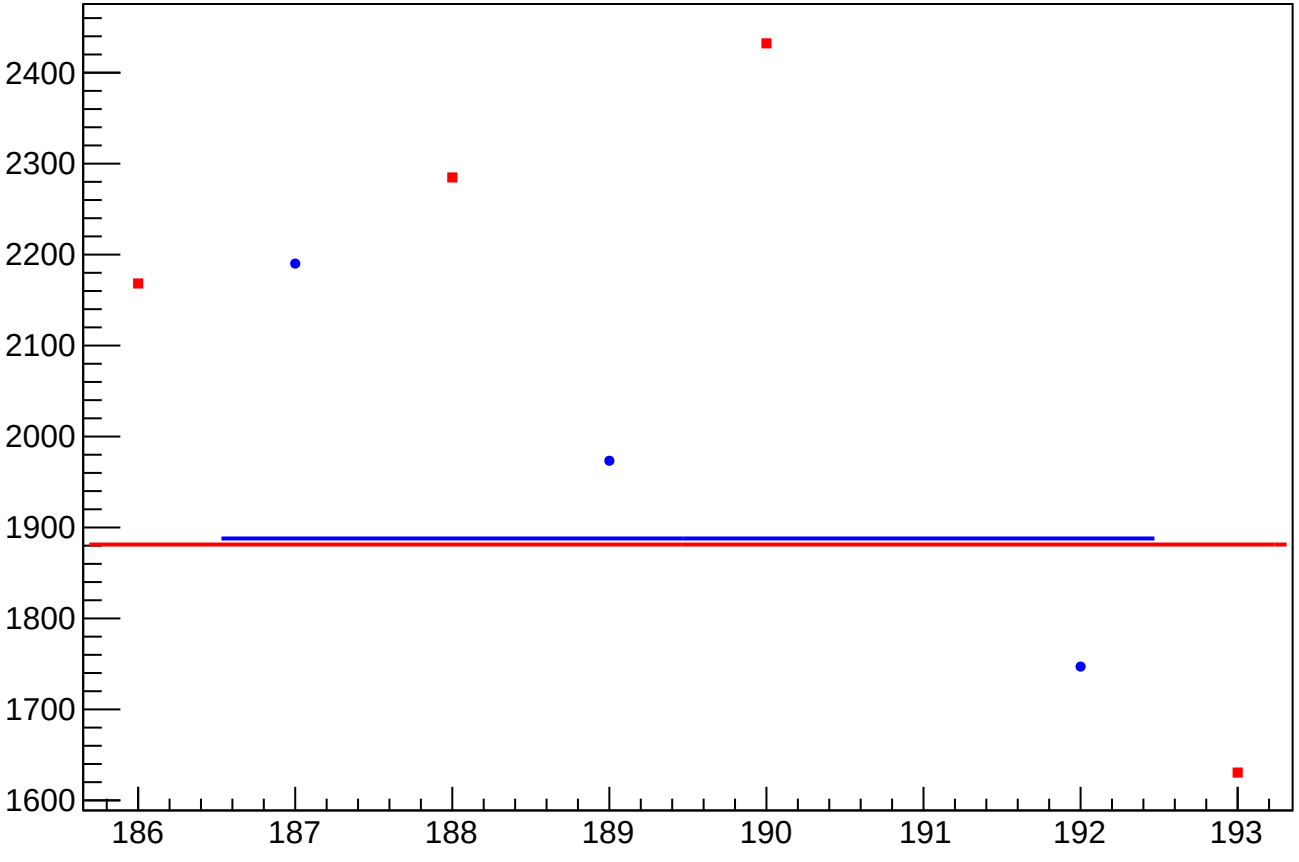
Right: -1348.469+/-1168.748 χ^2/NDF: 2.9/6

In: -1134.163+/-1849.998 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1348.469+/-1168.748 χ^2/NDF: 2.9/6

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1887.913+/-1.308 χ^2/NDF: 13082.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1881.270+/-1.066 χ^2/NDF: 92553.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

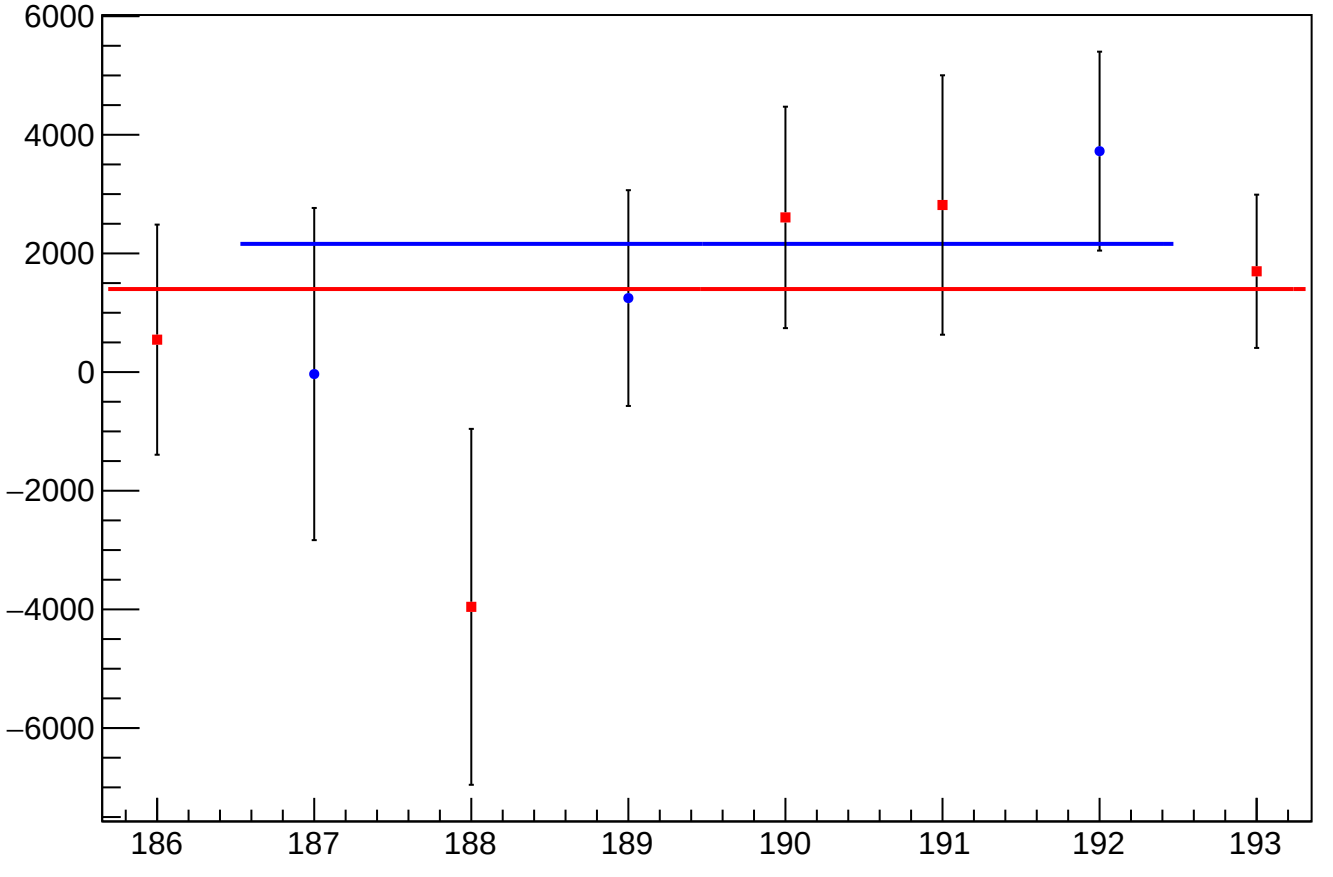
Right: 1883.921+/-0.826 χ^2/NDF: 105652.3/6

In: 1887.913+/-1.308 χ^2/NDF:13082.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1883.921+/-0.826 χ^2/NDF: 105652.3/6

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2161.020+/-1128.093 χ^2/NDF: 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1399.746+/-824.071 χ^2/NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

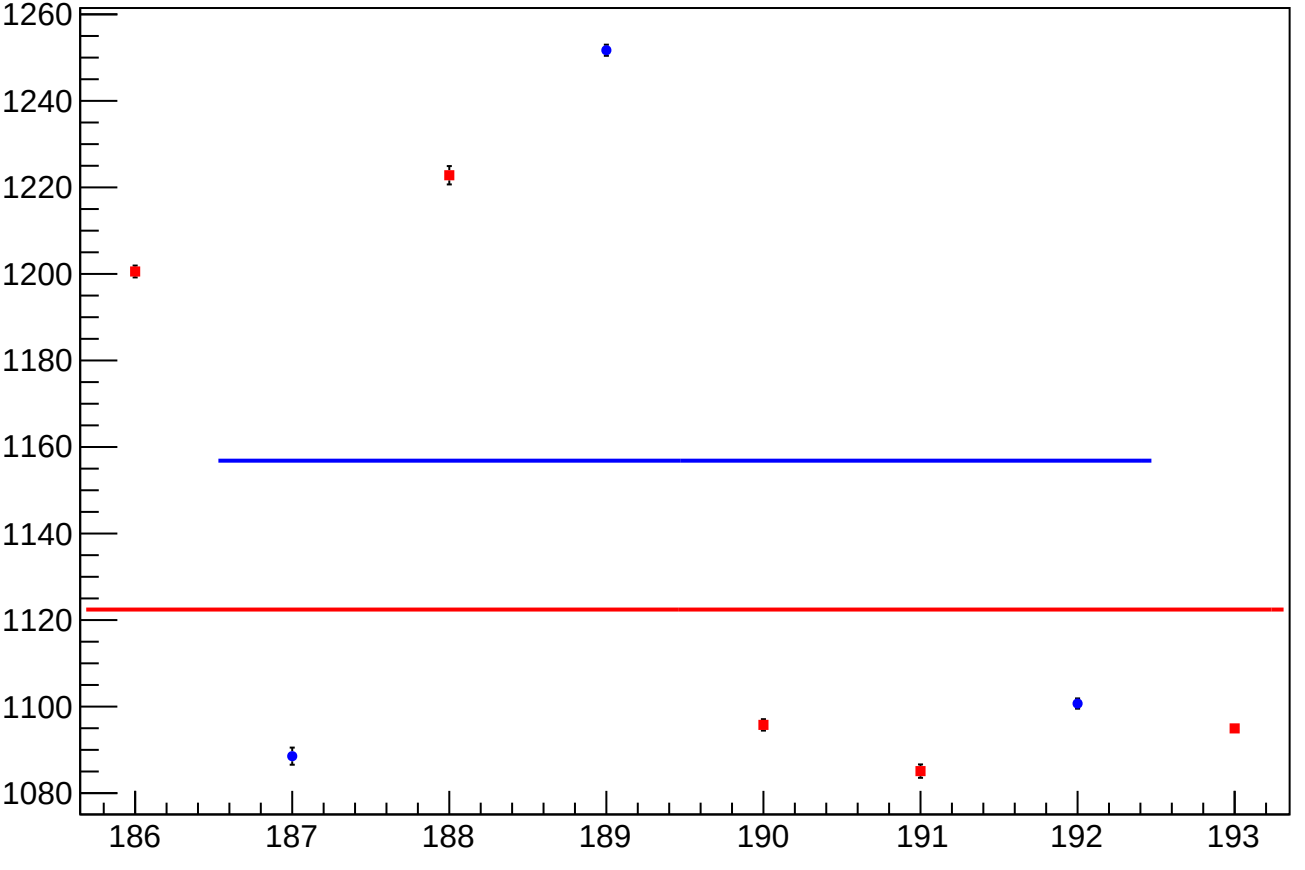
Right: 1664.633+/-665.433 χ^2/NDF: 6.3/7

In: 2161.020+/-1128.093 χ^2/NDF:1.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1664.633+/-665.433 χ^2/NDF: 6.3/7

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1156.840+/-0.798 χ^2/NDF: 8875.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1122.431+/-0.583 χ^2/NDF: 7381.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

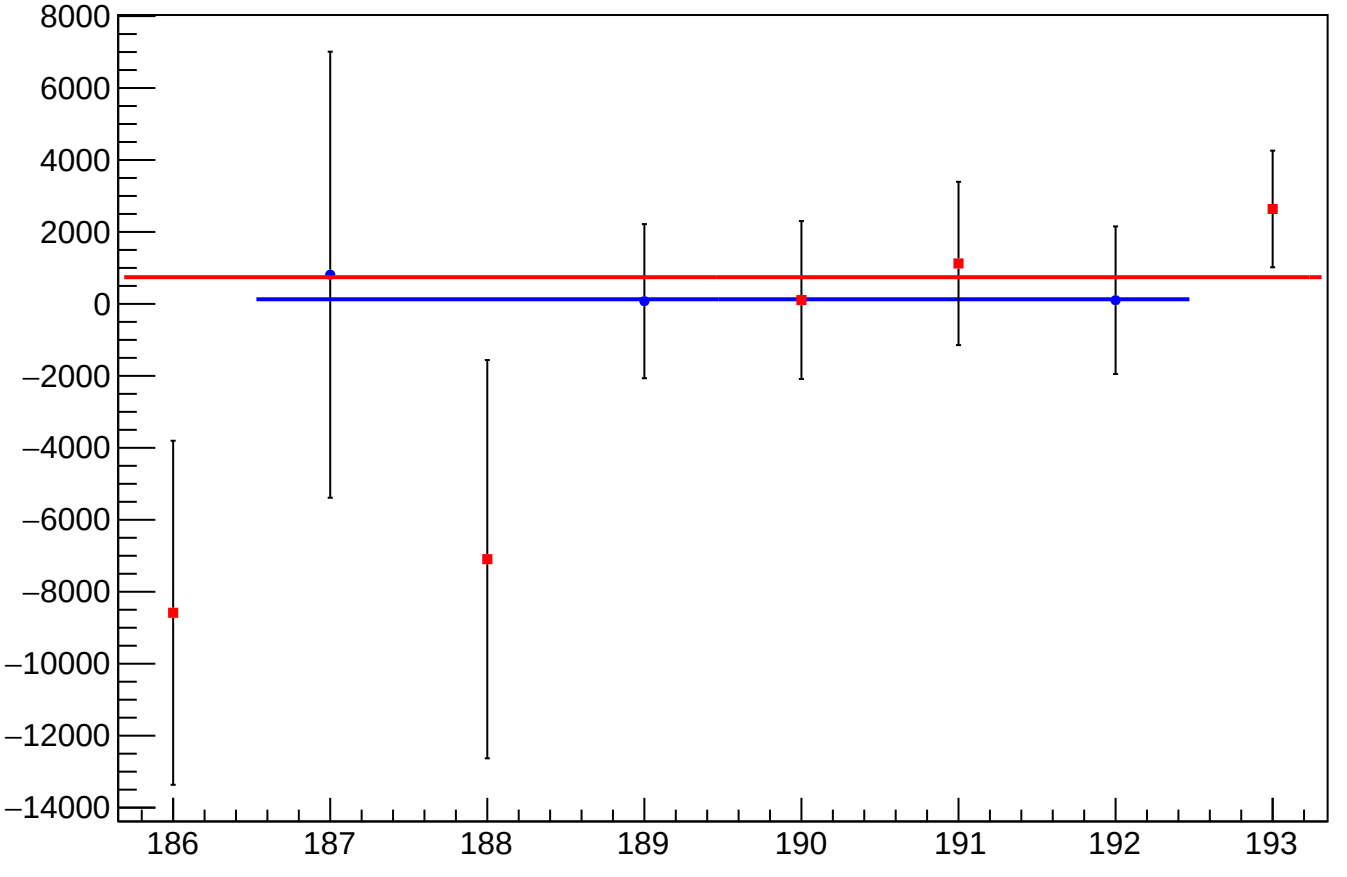
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1134.403+/-0.471 χ^2/NDF: 17469.5/7

In: 1156.840+/-0.798 χ^2/NDF:8875.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1134.403+/-0.471 χ^2/NDF: 17469.5/7



Right In: 128.920+/-1440.708 χ^2/NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 742.737+/-1079.138 χ^2/NDF: 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

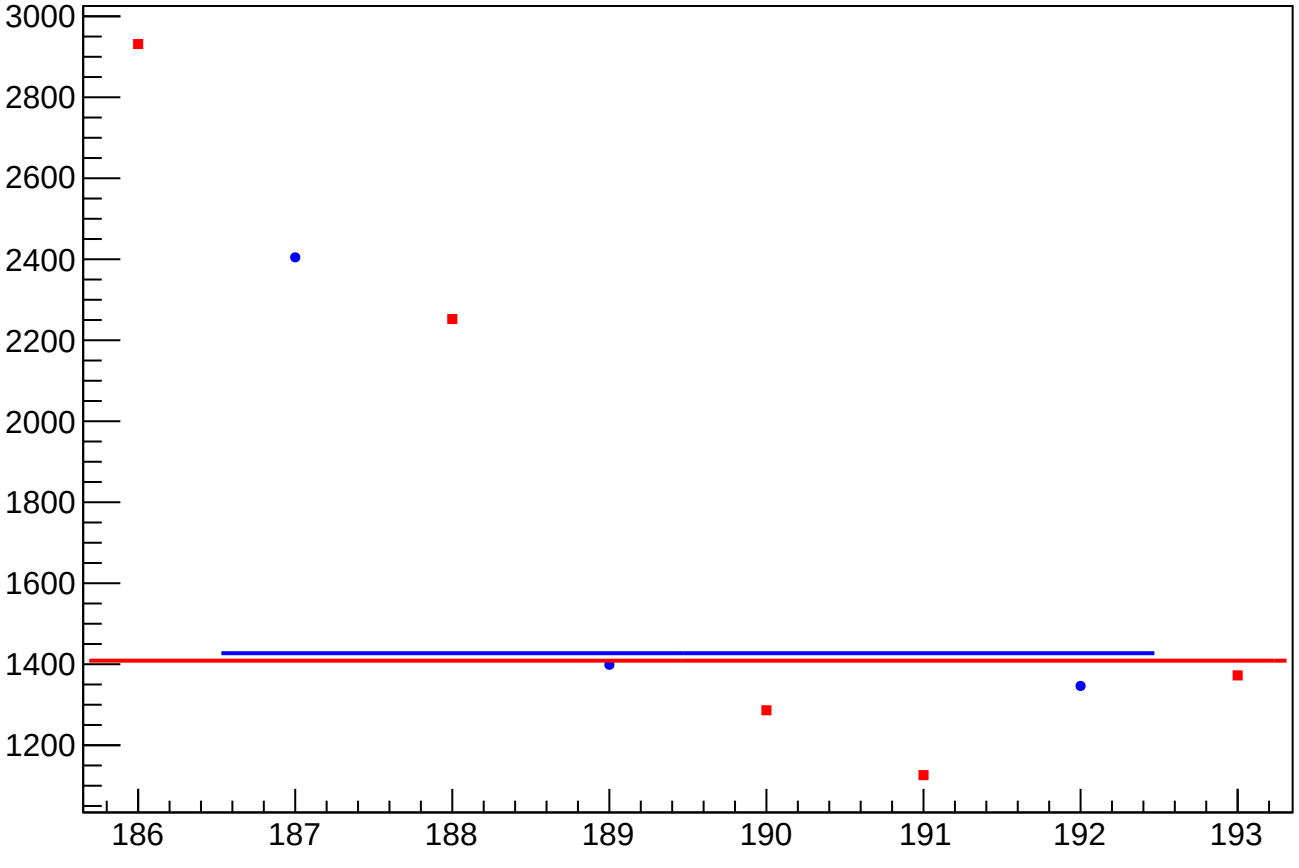
Right: 522.128+/-863.711 χ^2/NDF: 7.4/7

In: 128.920+/-1440.708 χ^2/NDF:0.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 522.128+/-863.711 χ^2/NDF: 7.4/7

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1427.216+/-1.019 χ^2/NDF: 53207.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1408.814+/-0.763 χ^2/NDF: 287595.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

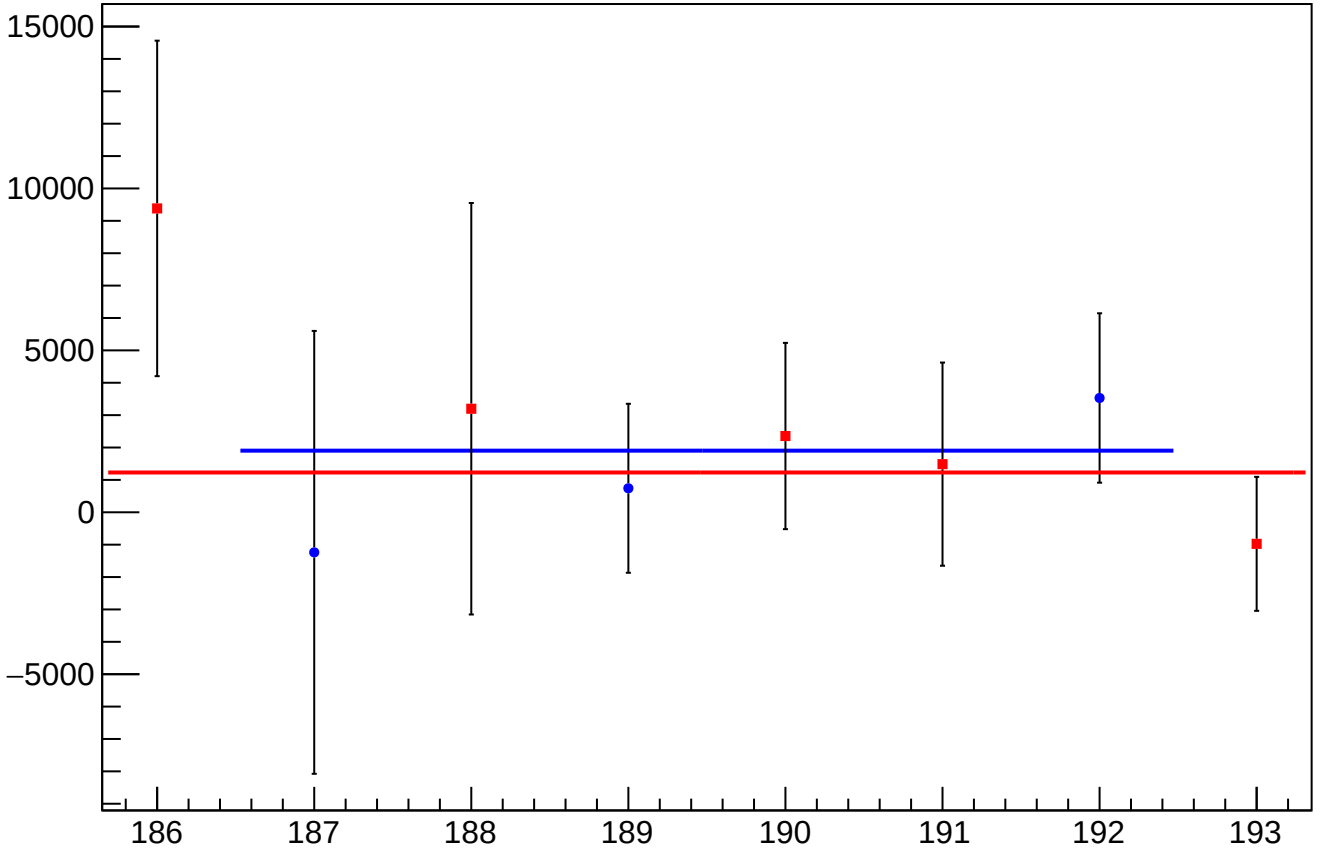
Right: 1415.428+/-0.611 χ^2/NDF: 341012.0/7

In: 1427.216+/-1.019 χ^2/NDF:53207.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1415.428+/-0.611 χ^2/NDF: 341012.0/7

asym_usl_mean vs Slug, Sign Corrected



Right In: 1903.001+/-1783.306 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1229.078+/-1389.065 χ^2/NDF: 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

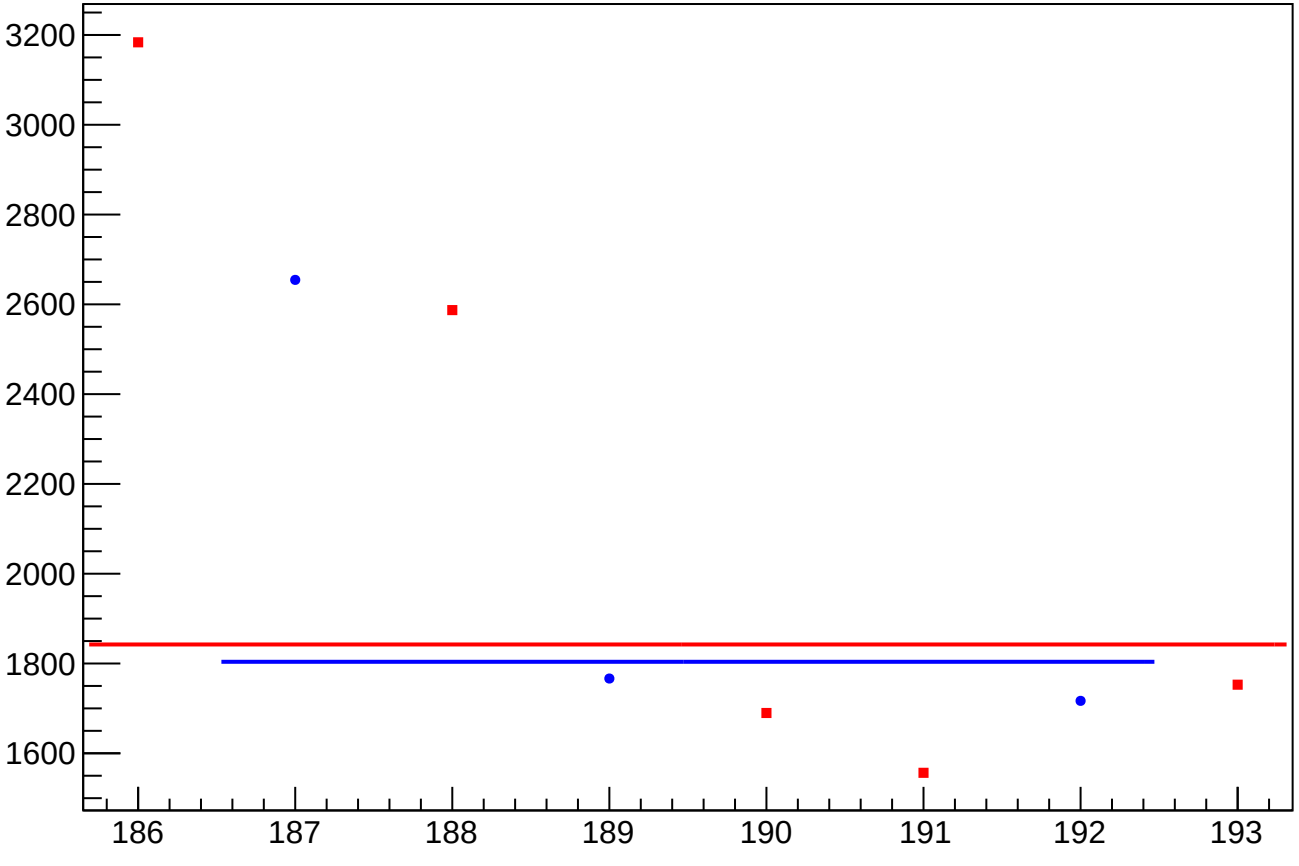
Right: 1483.563+/-1095.851 χ^2/NDF: 4.8/7

In: 1903.001+/-1783.306 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1483.563+/-1095.851 χ^2/NDF: 4.8/7

asym_usl_rms vs Slug, Sign Corrected



Right In: 1803.800+/-1.261 χ^2/NDF: 33574.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1842.380+/-0.982 χ^2/NDF: 187570.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

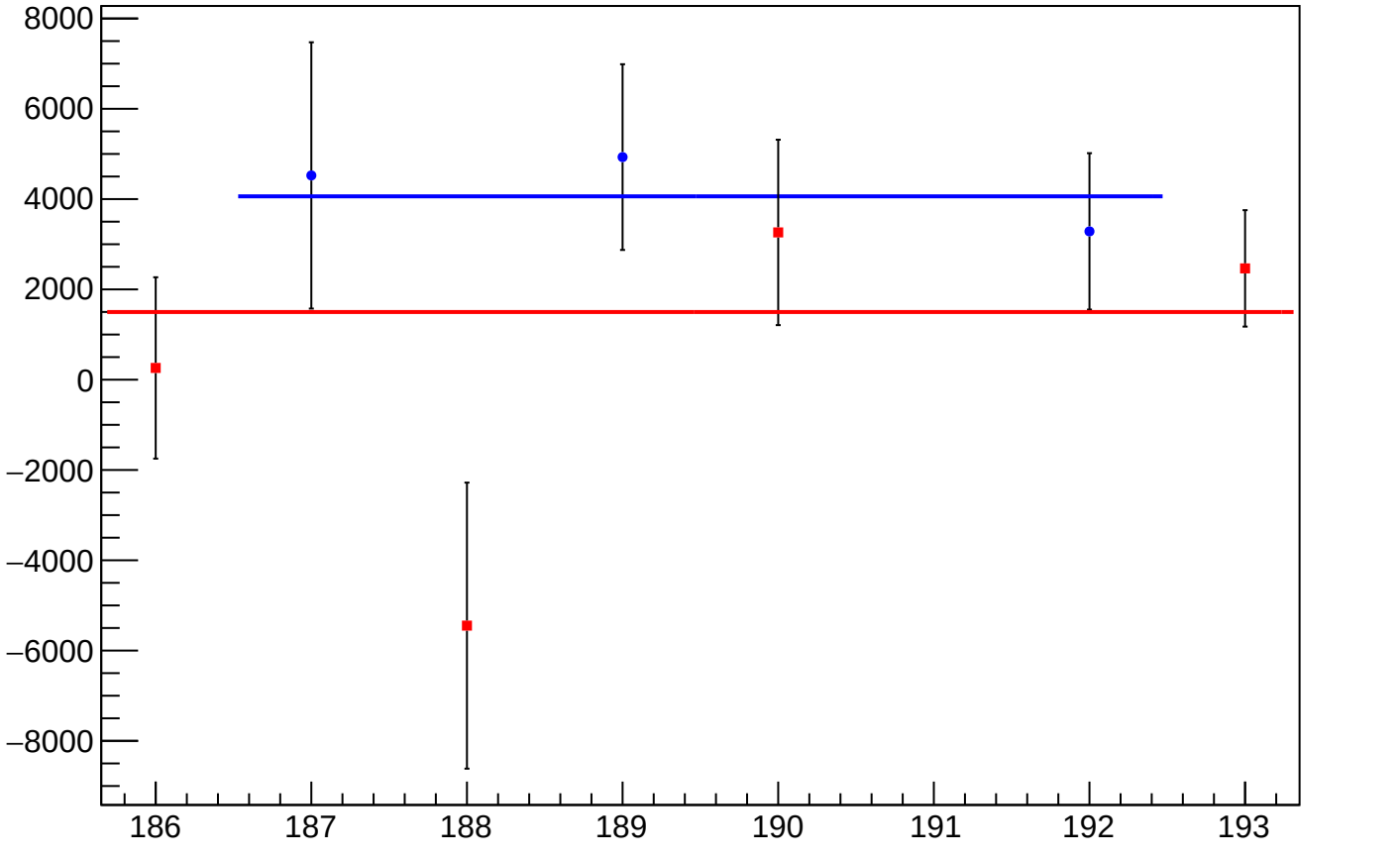
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1827.811+/-0.775 χ^2/NDF: 221727.1/7

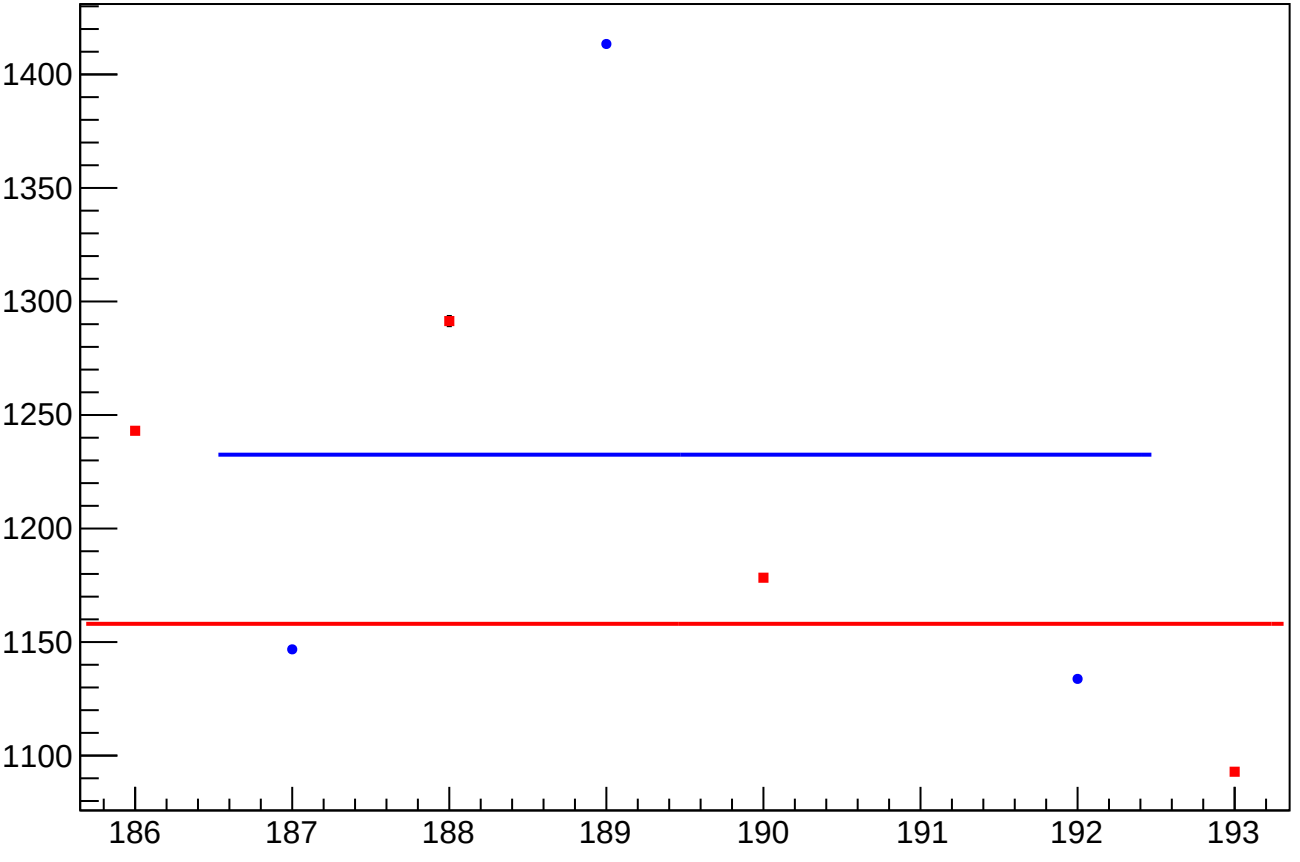
In: 1803.800+/-1.261 χ^2/NDF:33574.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1827.811+/-0.775 χ^2/NDF: 221727.1/7


dit_asym_usr_mean vs Slug, Sign Corrected
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
186
187
188
189
190
191
192
193
Right In: 4061.112+/-1208.593 χ²/NDF: 0.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1498.959+/-918.114 χ²/NDF: 6.5/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2436.490+/-731.089 χ²/NDF: 9.7/6
In: 4061.112+/-1208.593 χ²/NDF:0.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2436.490+/-731.089 χ²/NDF: 9.7/6

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1232.528+/-0.855 χ^2/NDF: 23659.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1158.032+/-0.649 χ^2/NDF: 12429.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

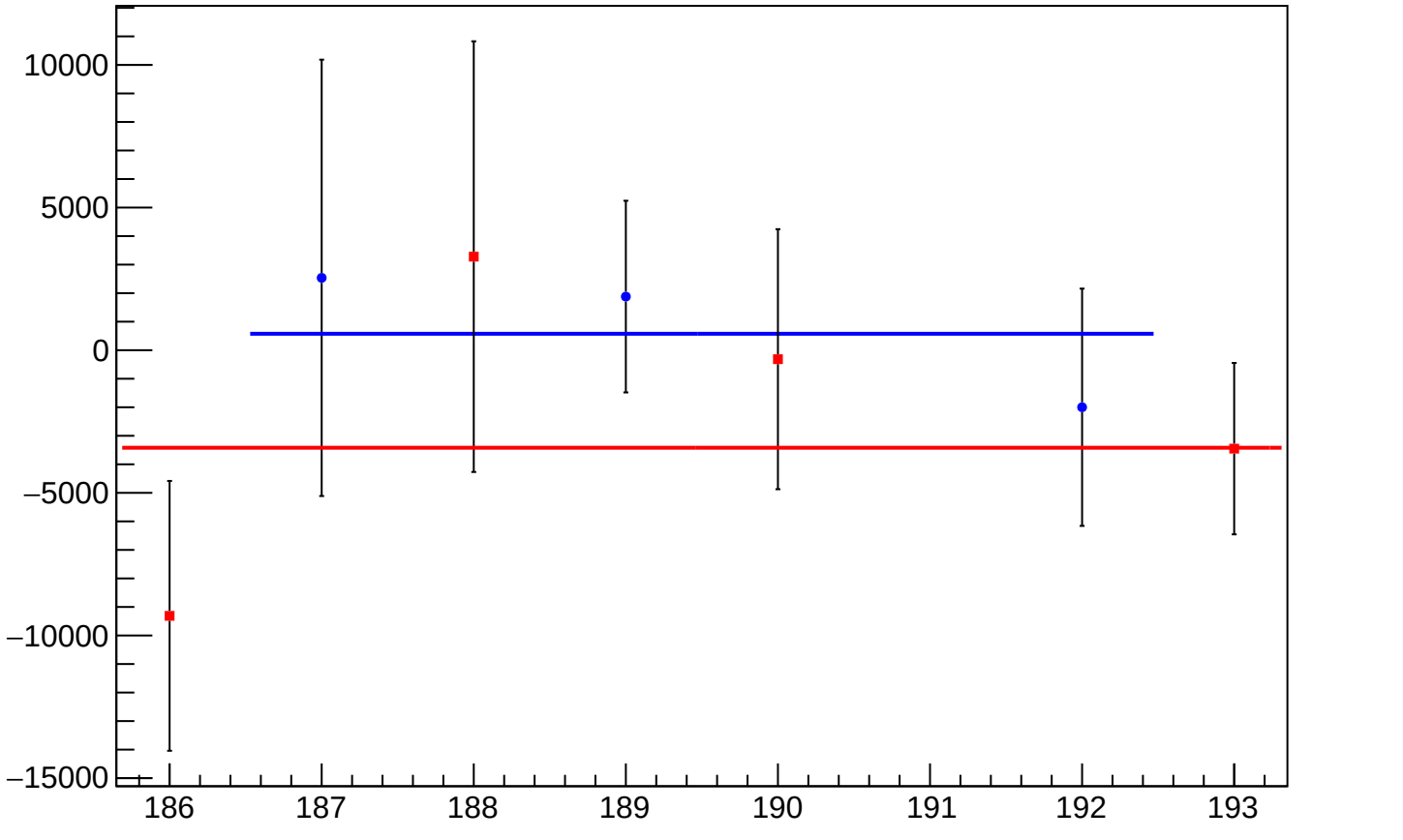
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1185.292+/-0.517 χ^2/NDF: 40906.4/6

In: 1232.528+/-0.855 χ^2/NDF:23659.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1185.292+/-0.517 χ^2/NDF: 40906.4/6



Right In: 576.334+/-2472.821 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3418.962+/-2126.351 χ^2/NDF: 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

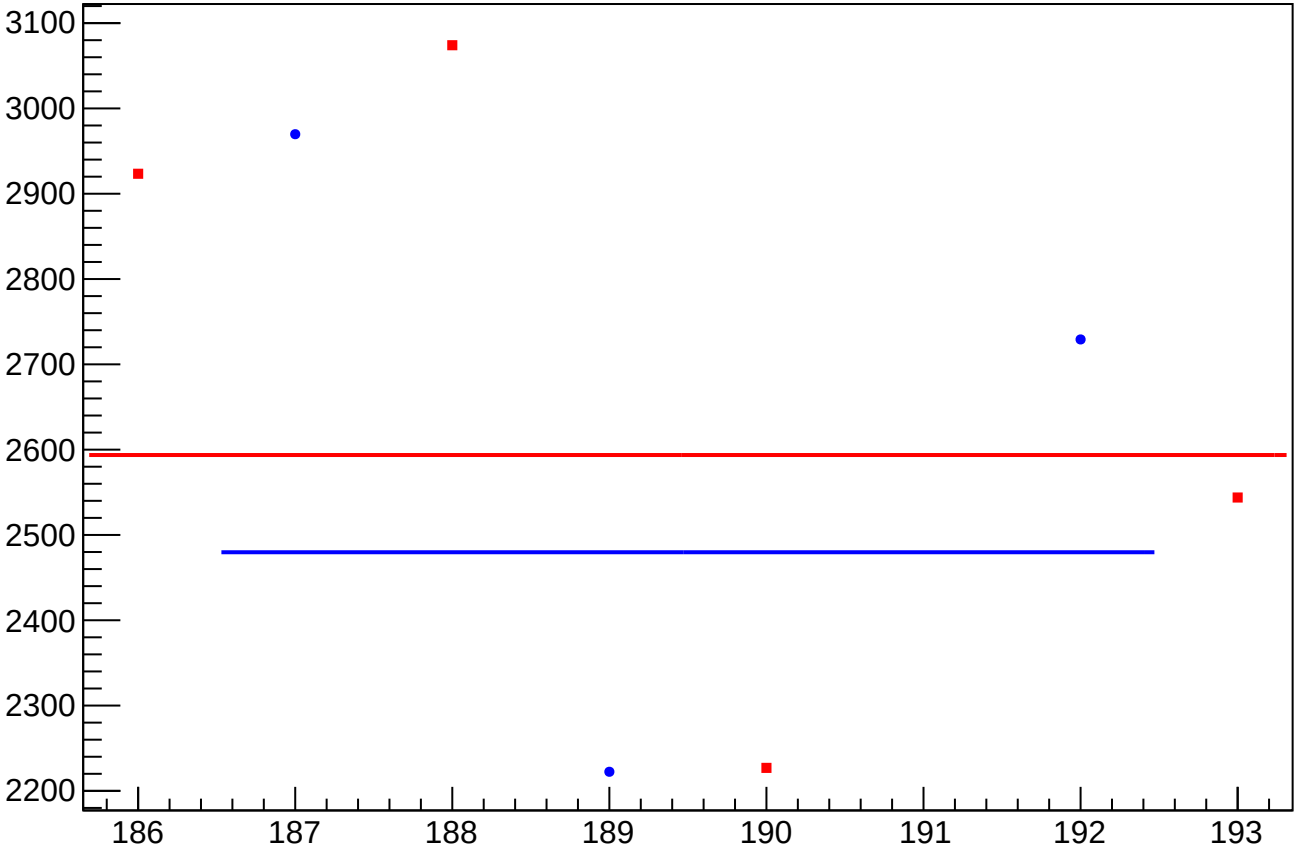
Right: -1720.593+/-1612.257 χ^2/NDF: 4.9/6

In: 576.334+/-2472.821 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1720.593+/-1612.257 χ^2/NDF: 4.9/6

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2479.720+/-1.749 χ^2/NDF: 27146.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2593.702+/-1.504 χ^2/NDF: 31323.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

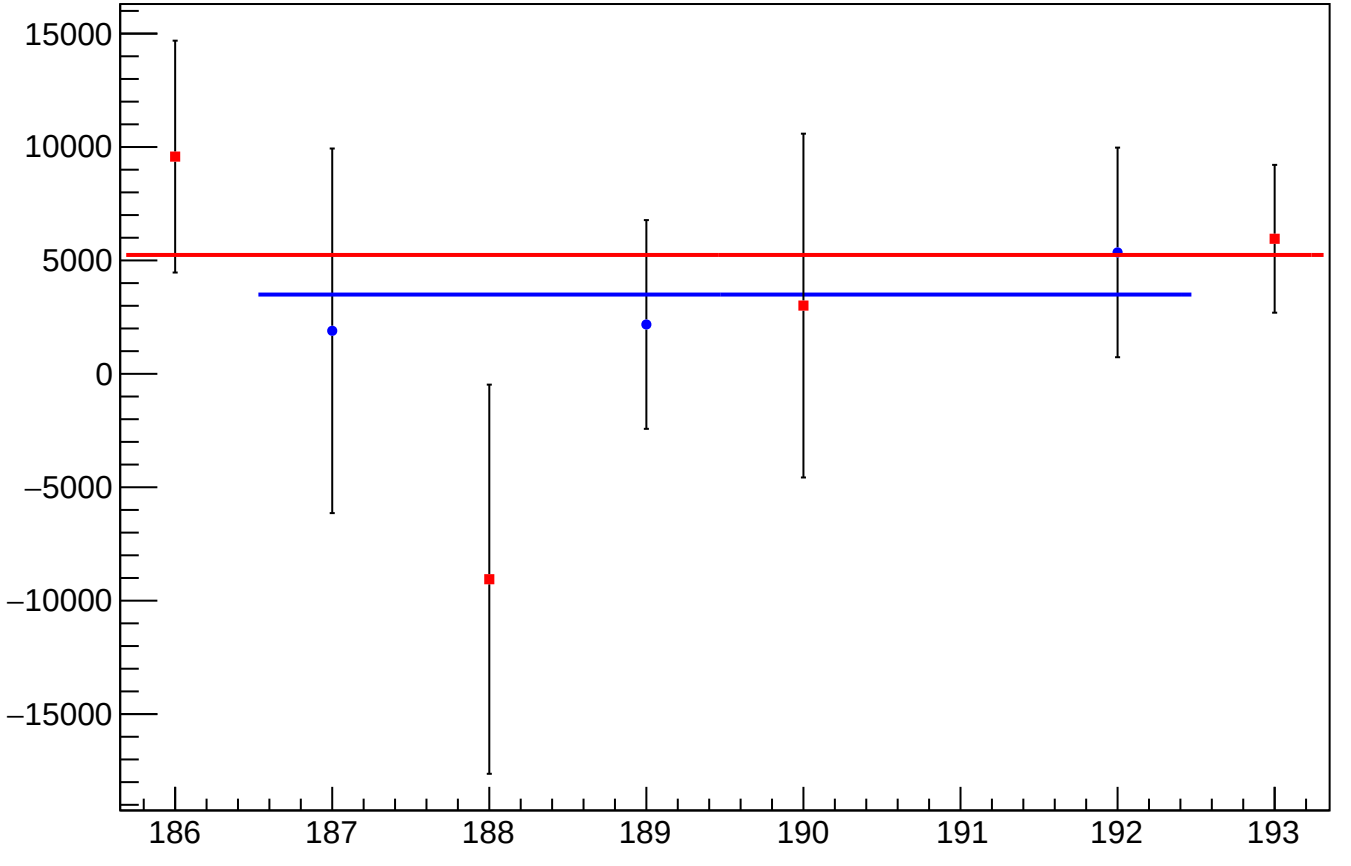
Right: 2545.249+/-1.140 χ^2/NDF: 60912.9/6

In: 2479.720+/-1.749 χ^2/NDF:27146.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2545.249+/-1.140 χ^2/NDF: 60912.9/6

asym_usr_mean vs Slug, Sign Corrected



Right In: 3495.324+/-3021.252 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5241.340+/-2473.300 χ^2/NDF: 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

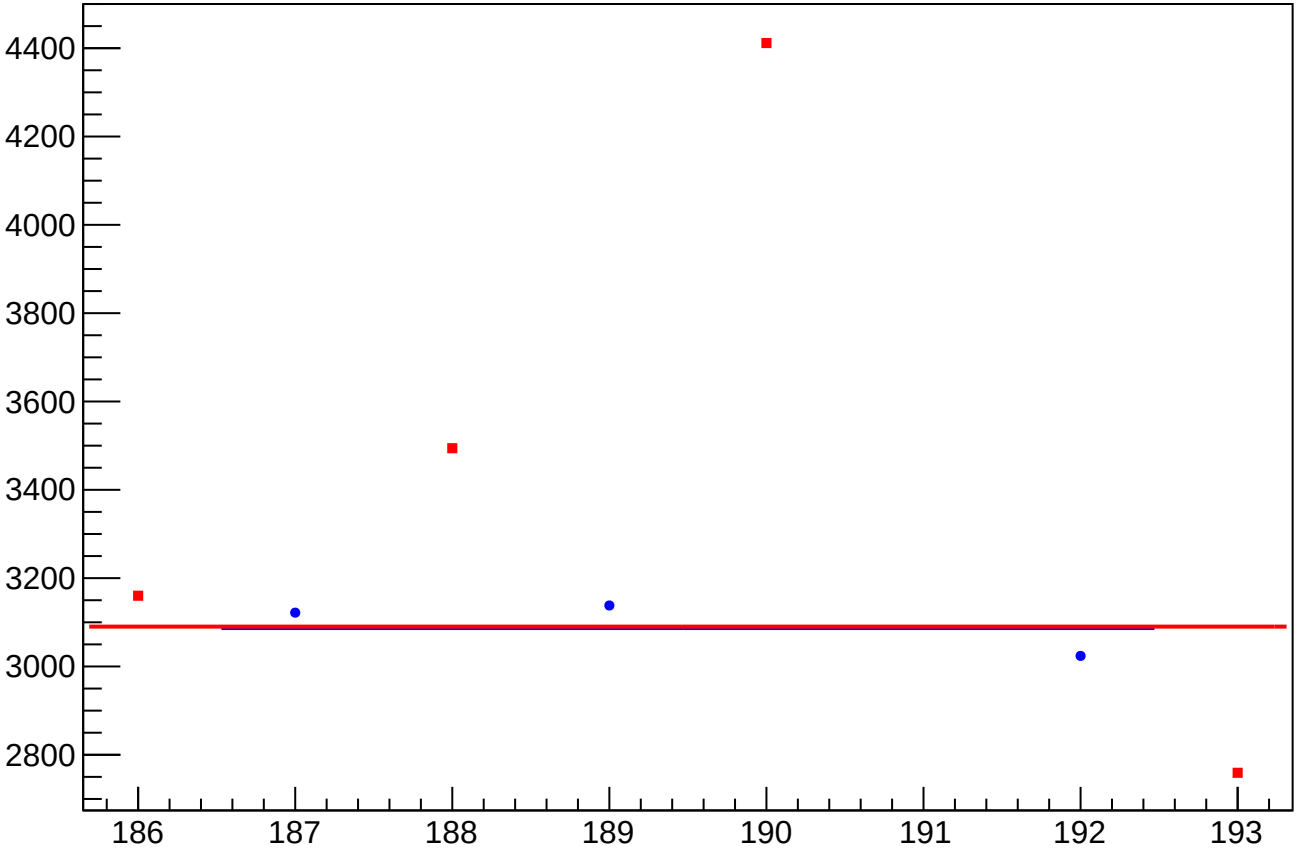
Right: 4540.742+/-1913.804 χ^2/NDF: 4.1/6

In: 3495.324+/-3021.252 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4540.742+/-1913.804 χ^2/NDF: 4.1/6

asym_usr_rms vs Slug, Sign Corrected



Right In: 3086.992+/-2.136 χ^2/NDF: 657.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3090.264+/-1.749 χ^2/NDF: 86252.2/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

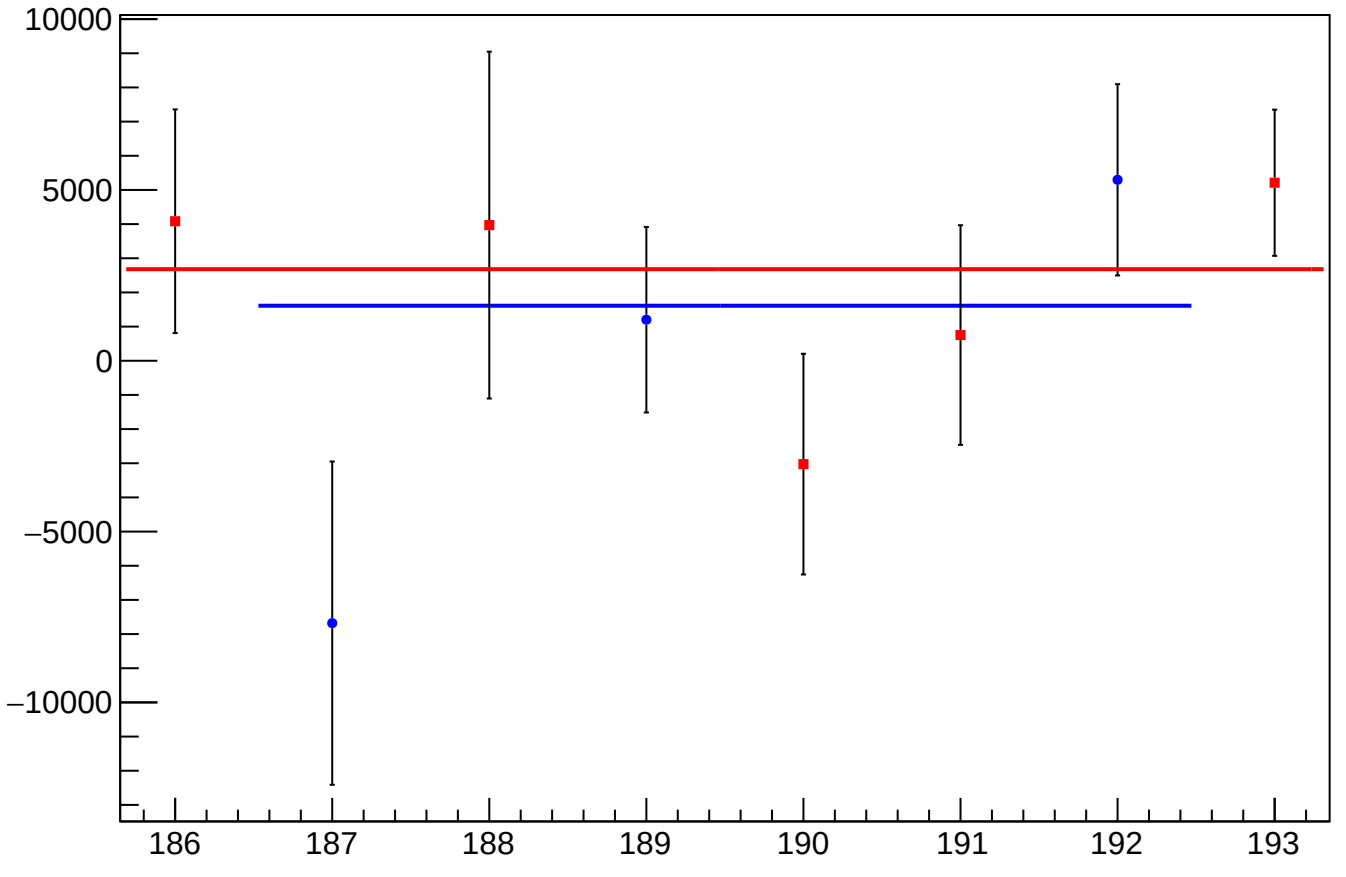
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3088.951+/-1.353 χ^2/NDF: 86911.0/6

In: 3086.992+/-2.136 χ^2/NDF:657.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3088.951+/-1.353 χ^2/NDF: 86911.0/6



Right In: 1610.768+/-1802.108 χ^2/NDF: 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2681.082+/-1356.879 χ^2/NDF: 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

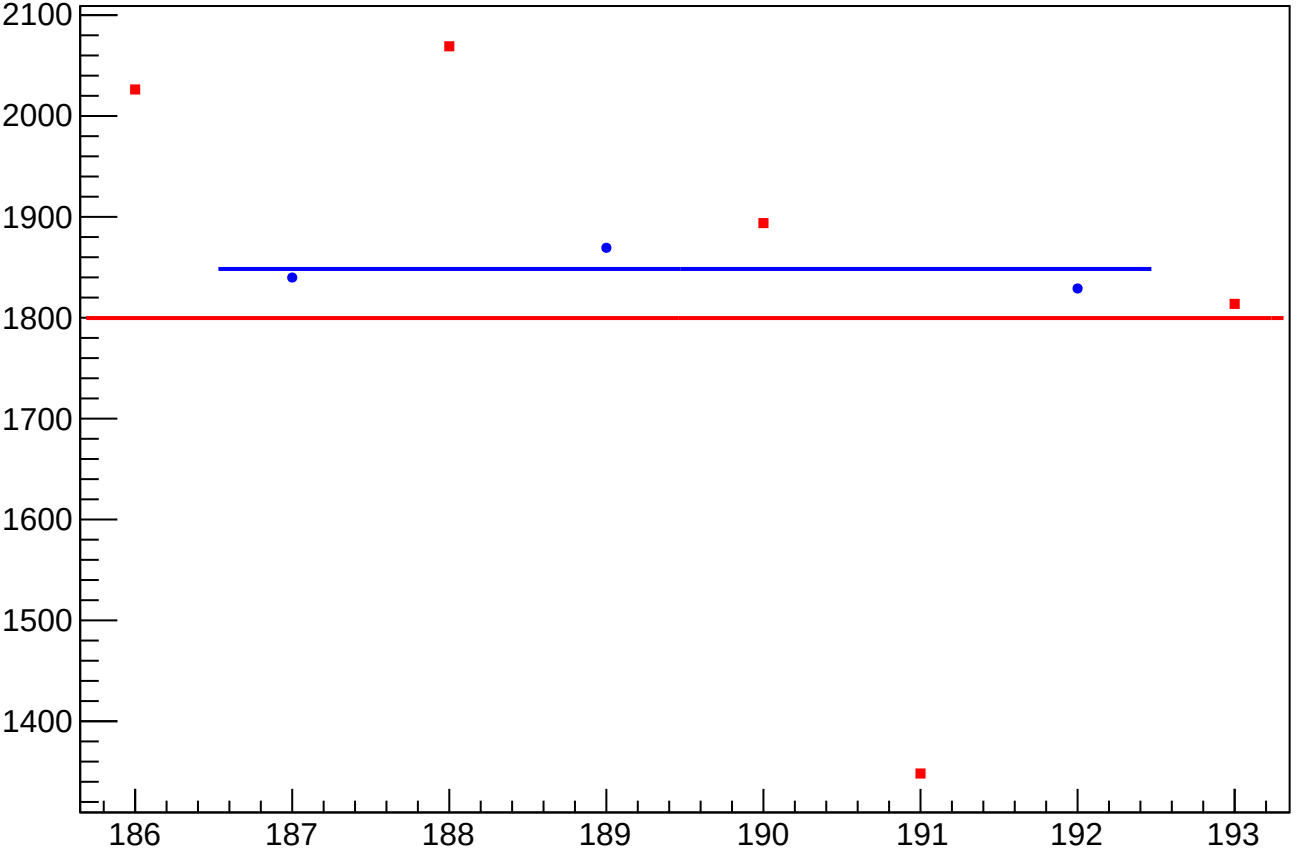
Right: 2293.838+/-1083.972 χ^2/NDF: 11.0/7

In: 1610.768+/-1802.108 χ^2/NDF:5.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2293.838+/-1083.972 χ^2/NDF: 11.0/7

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1848.365+/-1.274 χ^2/NDF: 221.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1799.696+/-0.959 χ^2/NDF: 56459.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

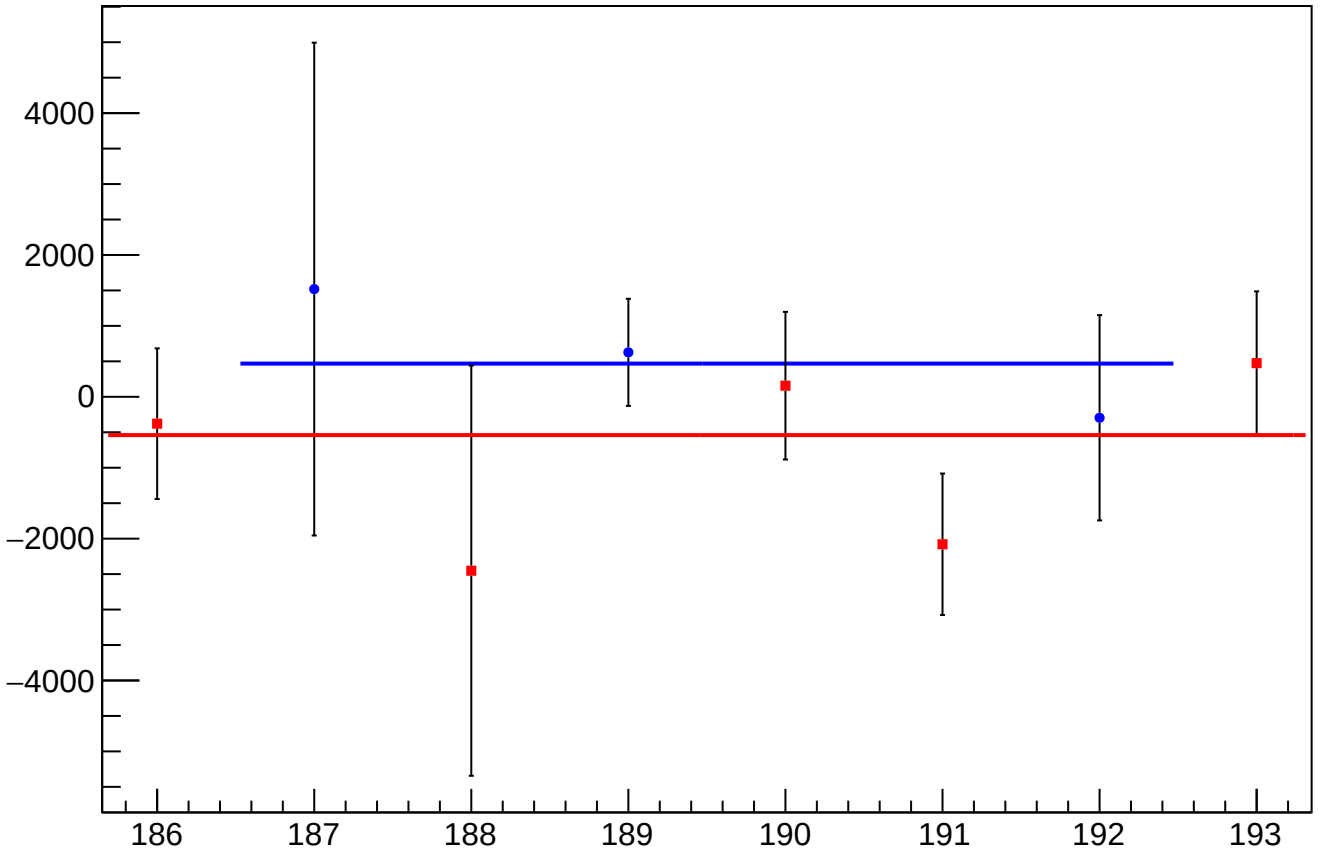
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1817.304+/-0.766 χ^2/NDF: 57612.4/7

In: 1848.365+/-1.274 χ^2/NDF:221.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1817.304+/-0.766 χ^2/NDF: 57612.4/7



Right In: 468.474+/-657.599 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -539.746+/-505.674 χ^2/NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

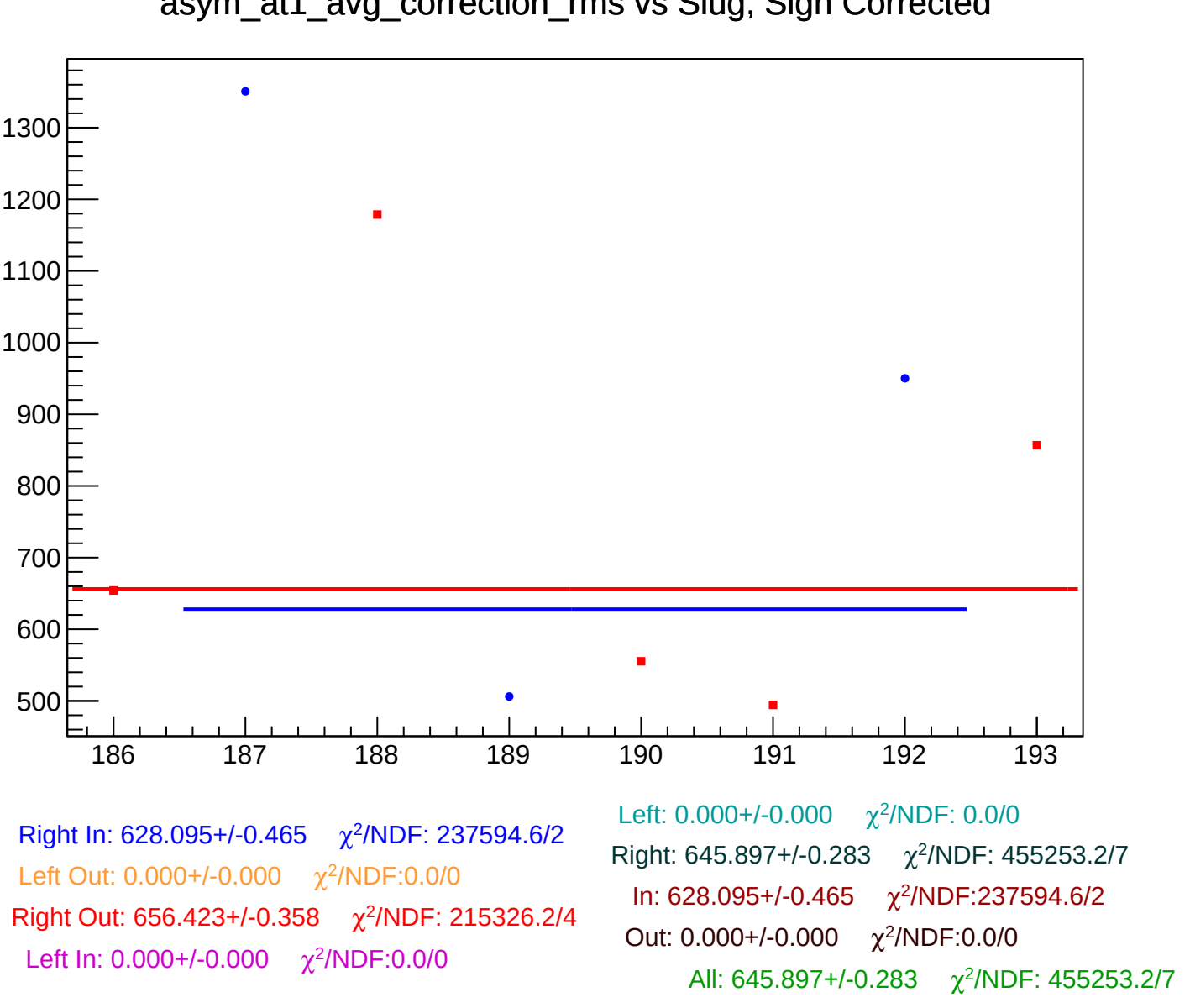
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

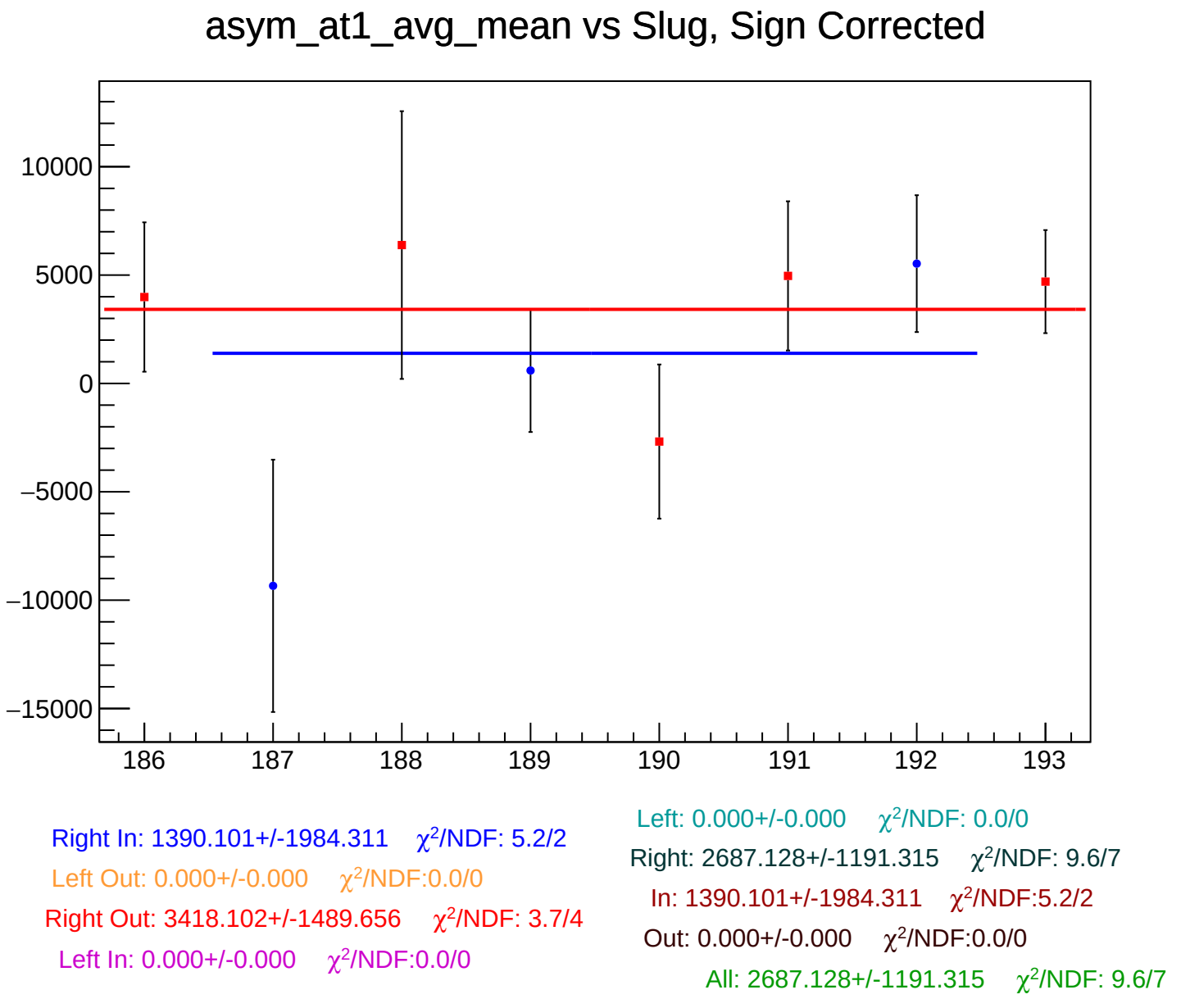
Right: -165.103+/-400.860 χ^2/NDF: 6.2/7

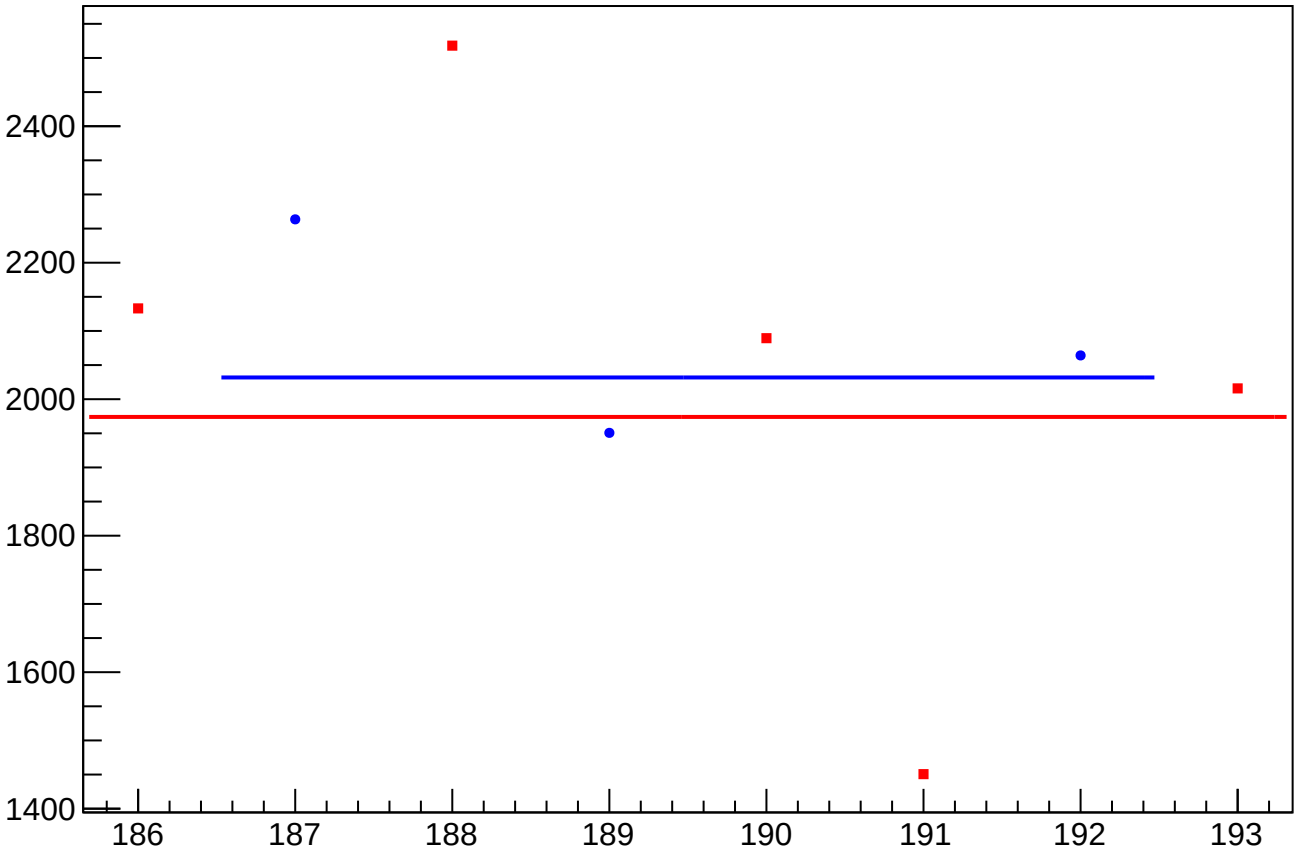
In: 468.474+/-657.599 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -165.103+/-400.860 χ^2/NDF: 6.2/7


asym_at1_avg_correction_rms vs Slug, Sign Corrected
1300
1200
1100
1000
900
800
700
600
500
186
187
188
189
190
191
192
193
Right In: 628.095+/-0.465 χ²/NDF: 237594.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 656.423+/-0.358 χ²/NDF: 215326.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 645.897+/-0.283 χ²/NDF: 455253.2/7
In: 628.095+/-0.465 χ²/NDF:237594.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 645.897+/-0.283 χ²/NDF: 455253.2/7


asym_at1_avg_mean vs Slug, Sign Corrected
10000
5000
0
−5000
−10000
−15000
186
187
188
189
190
191
192
193
Right In: 1390.101+/-1984.311 χ²/NDF: 5.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3418.102+/-1489.656 χ²/NDF: 3.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2687.128+/-1191.315 χ²/NDF: 9.6/7
In: 1390.101+/-1984.311 χ²/NDF:5.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2687.128+/-1191.315 χ²/NDF: 9.6/7



Right In: 2031.848+/-1.403 χ^2/NDF: 5012.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1974.017+/-1.053 χ^2/NDF: 68727.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

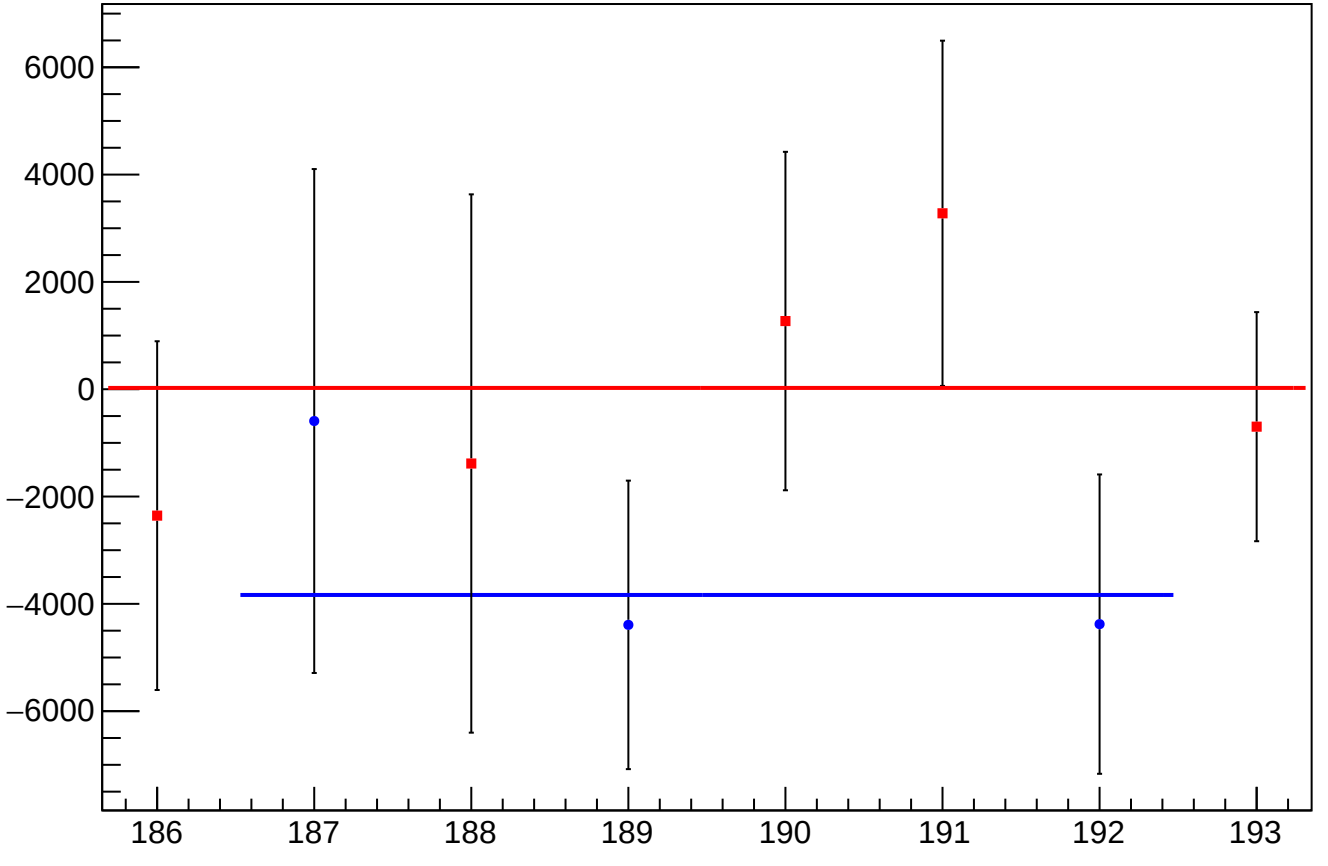
Right: 1994.862+/-0.842 χ^2/NDF: 74825.6/7

In: 2031.848+/-1.403 χ^2/NDF:5012.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1994.862+/-0.842 χ^2/NDF: 74825.6/7

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -3834.305+/-1789.596 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 24.163+/-1347.184 χ^2/NDF: 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

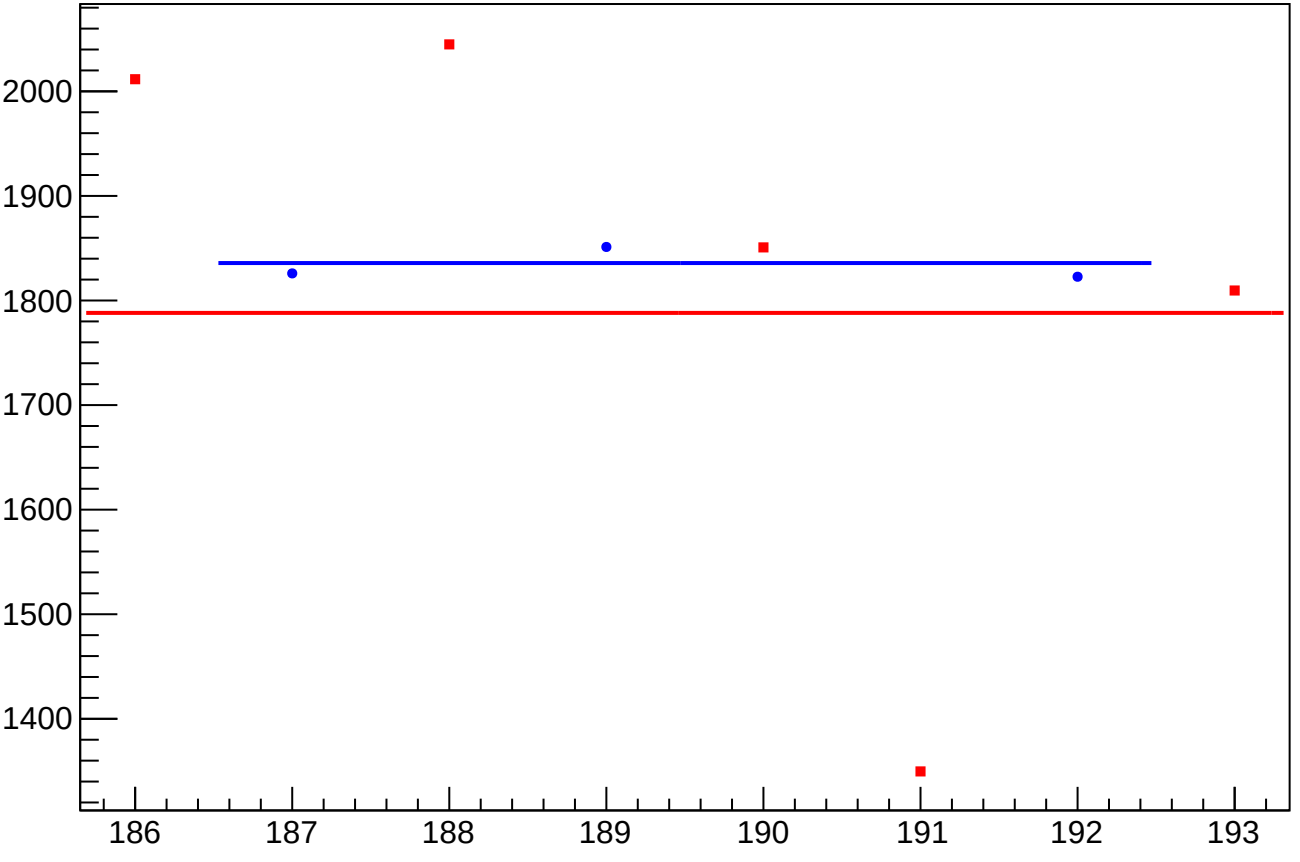
Right: -1371.485+/-1076.306 χ^2/NDF: 5.4/7

In: -3834.305+/-1789.596 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1371.485+/-1076.306 χ^2/NDF: 5.4/7

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1835.814+/-1.265 χ^2/NDF: 118.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1788.142+/-0.953 χ^2/NDF: 52833.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

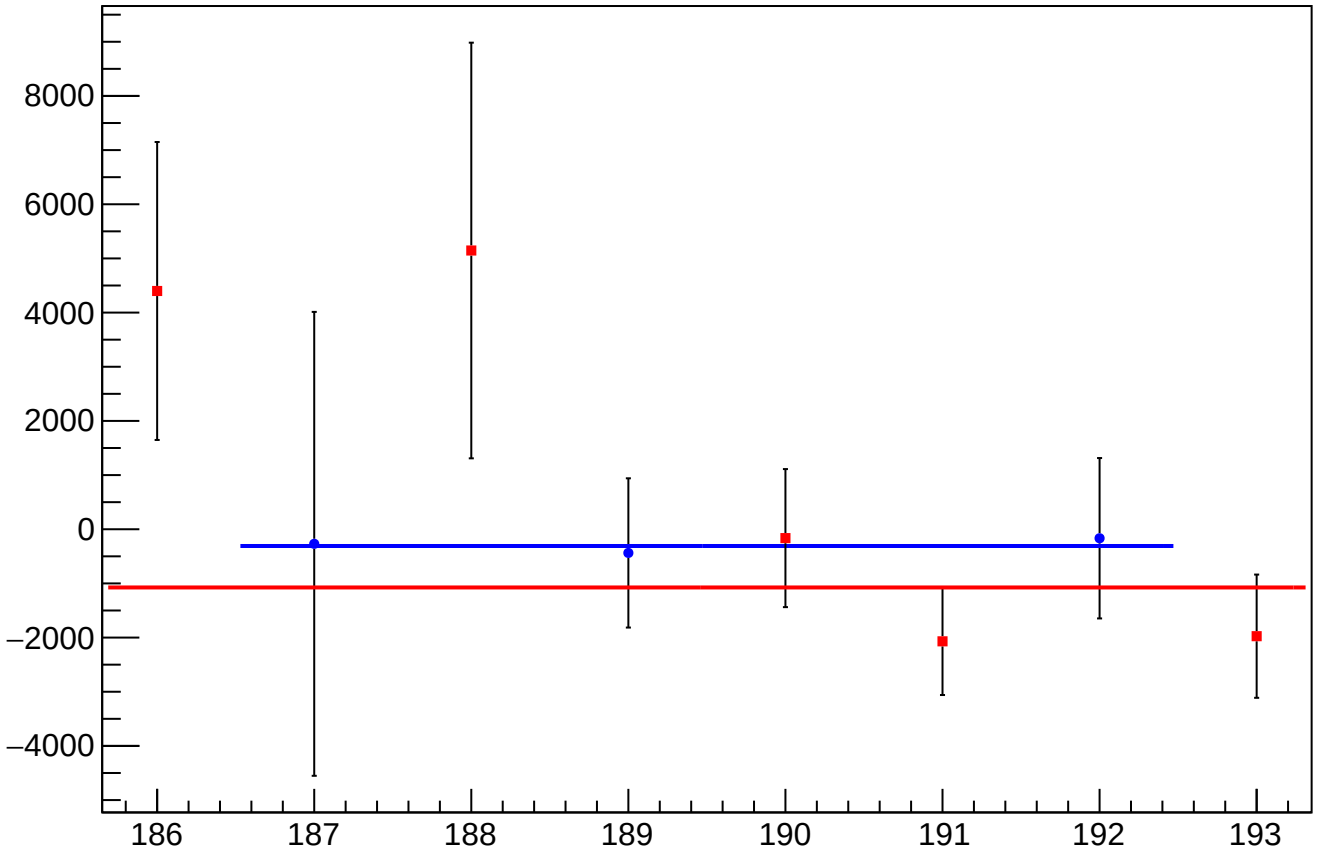
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1805.386+/-0.761 χ^2/NDF: 53857.9/7

In: 1835.814+/-1.265 χ^2/NDF:118.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1805.386+/-0.761 χ^2/NDF: 53857.9/7



Right In: -309.152+/-981.808 χ^2/NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1074.714+/-619.464 χ^2/NDF: 8.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

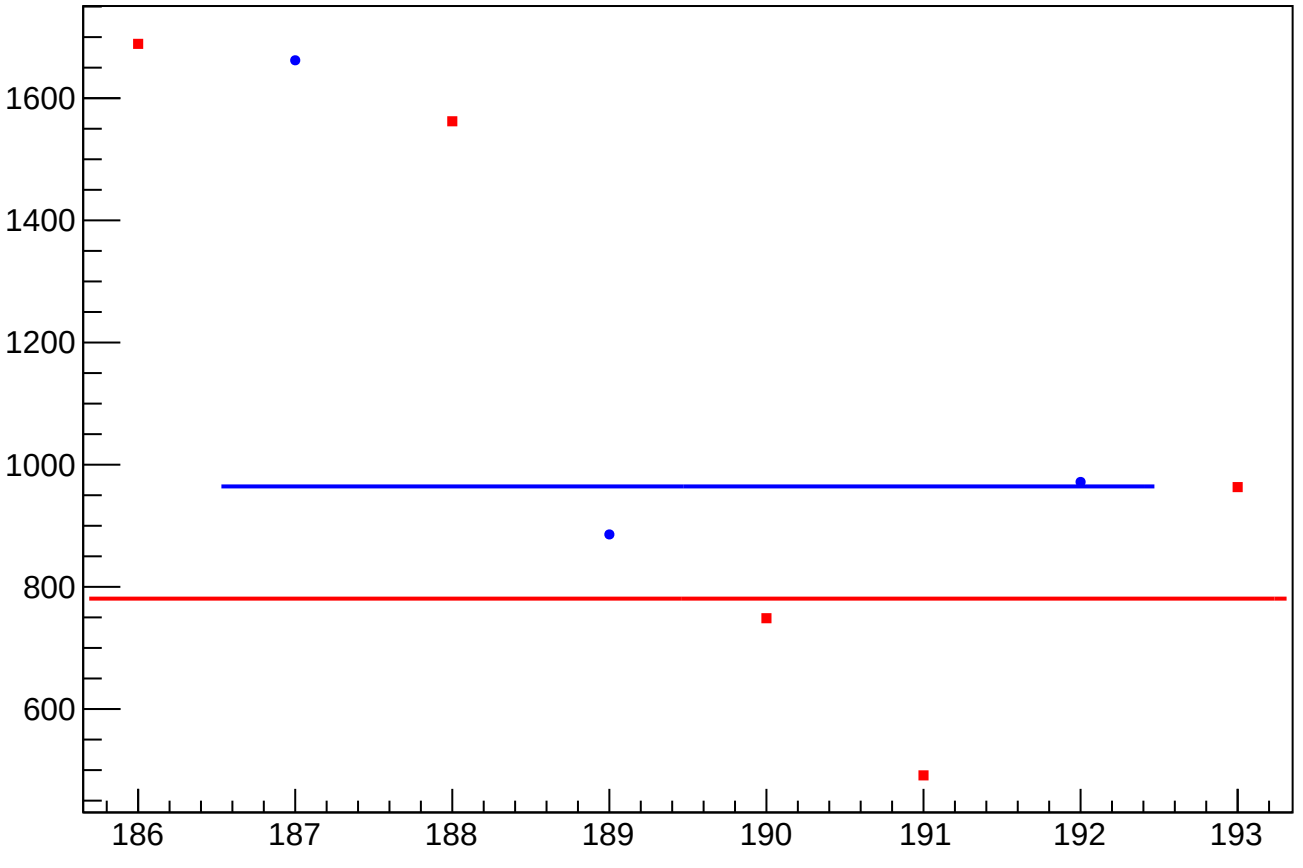
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -856.729+/-523.900 χ^2/NDF: 9.2/7

In: -309.152+/-981.808 χ^2/NDF:0.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -856.729+/-523.900 χ^2/NDF: 9.2/7



Right In: 964.427+/-0.694 χ^2/NDF: 59633.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 780.736+/-0.438 χ^2/NDF: 524189.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

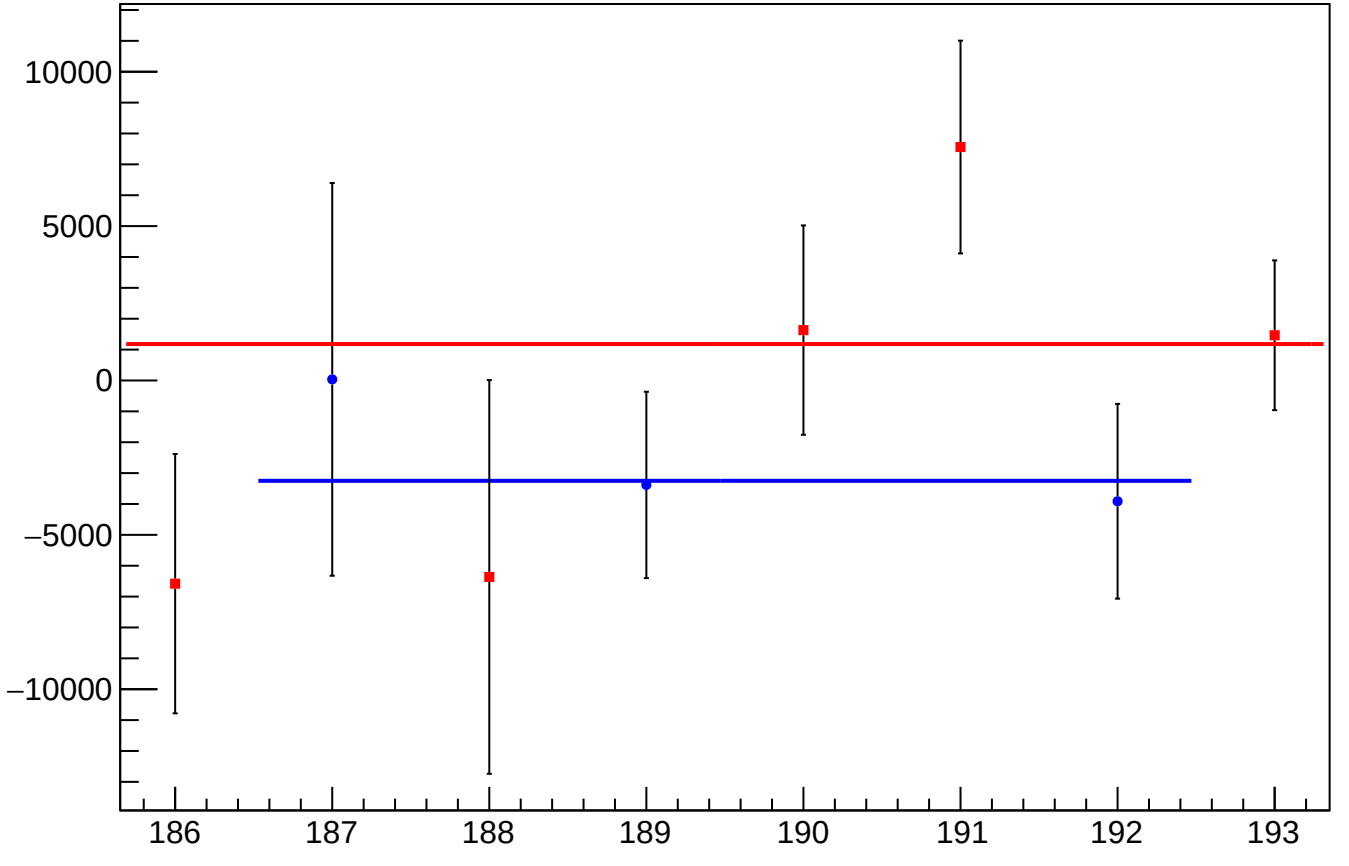
Right: 833.039+/-0.370 χ^2/NDF: 633897.2/7

In: 964.427+/-0.694 χ^2/NDF:59633.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 833.039+/-0.370 χ^2/NDF: 633897.2/7

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -3250.204+/-2062.593 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1179.286+/-1538.520 χ^2/NDF: 8.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

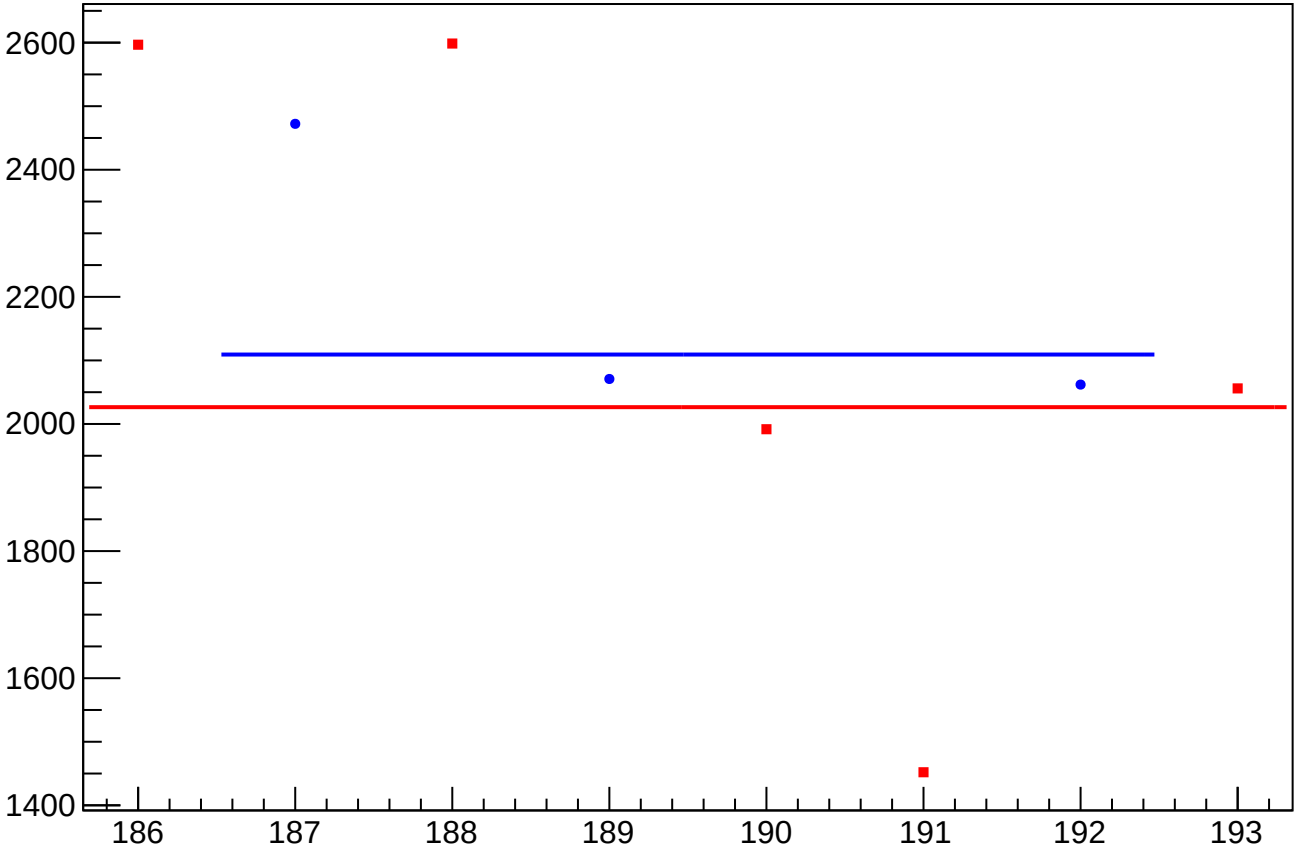
Right: -404.201+/-1233.230 χ^2/NDF: 11.6/7

In: -3250.204+/-2062.593 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -404.201+/-1233.230 χ^2/NDF: 11.6/7

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2109.242+/-1.458 χ^2/NDF: 7289.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2026.449+/-1.088 χ^2/NDF: 109077.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

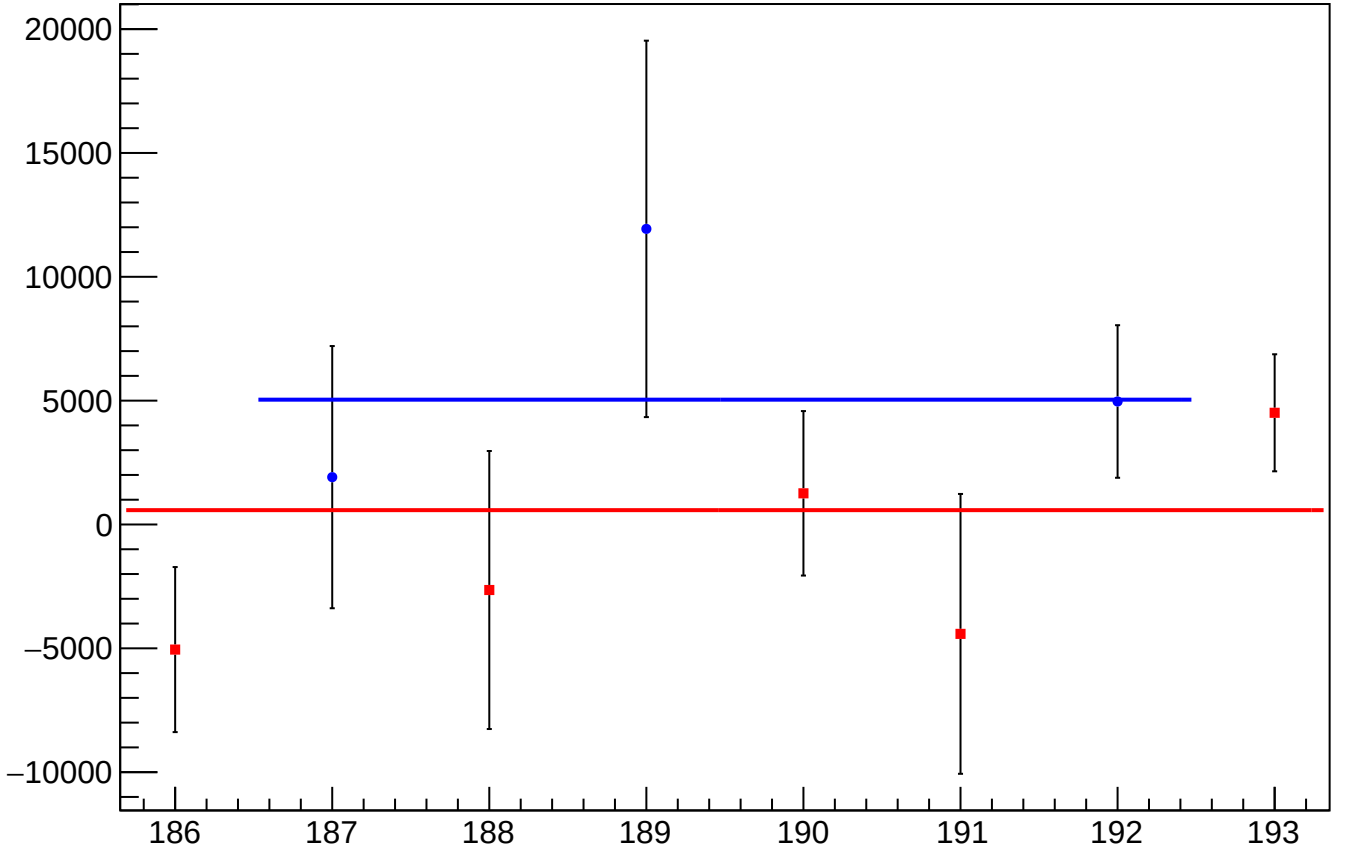
Right: 2056.046+/-0.872 χ^2/NDF: 118437.1/7

In: 2109.242+/-1.458 χ^2/NDF:7289.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2056.046+/-0.872 χ^2/NDF: 118437.1/7

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5039.429+/-2512.303 χ^2/NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 578.848+/-1537.501 χ^2/NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

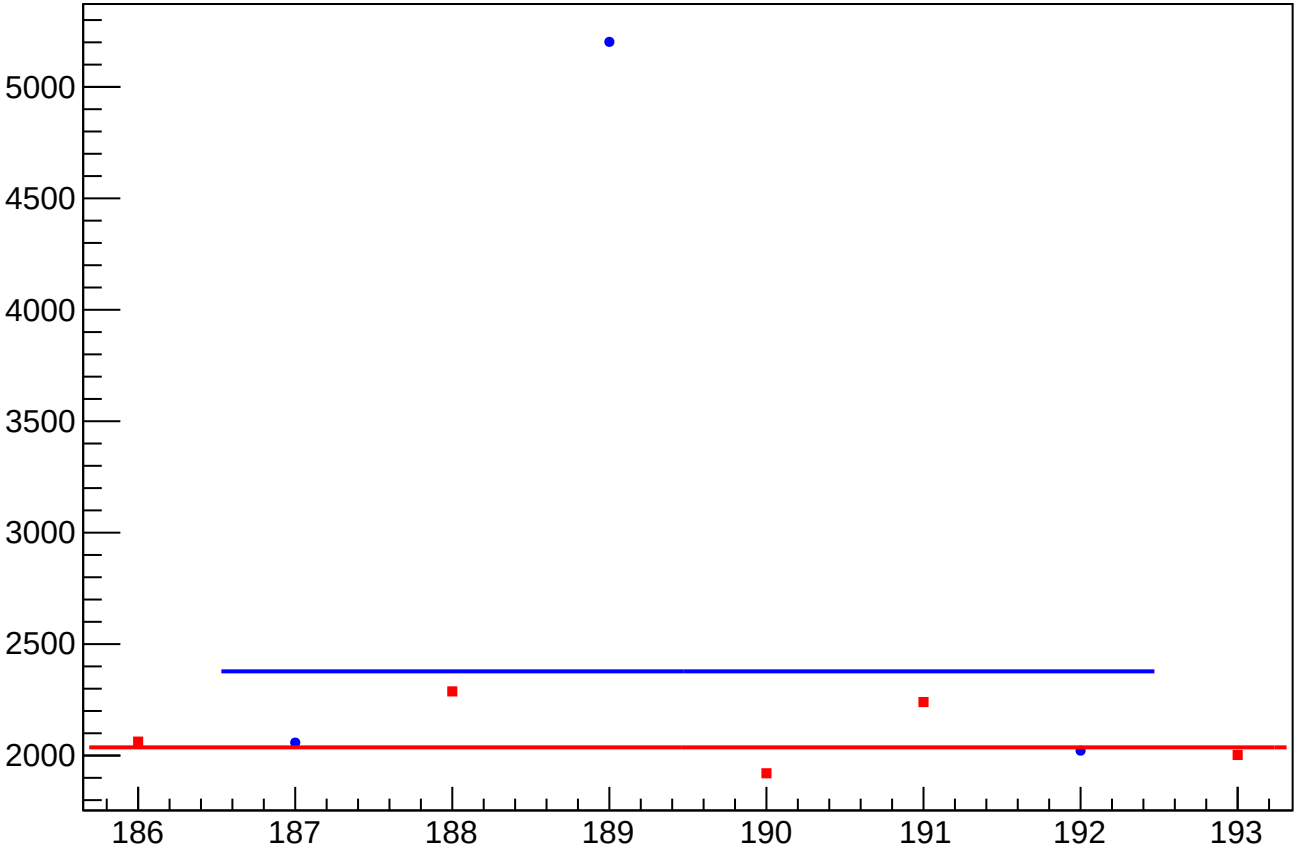
Right: 1794.261+/-1311.409 χ^2/NDF: 10.2/7

In: 5039.429+/-2512.303 χ^2/NDF:1.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1794.261+/-1311.409 χ^2/NDF: 10.2/7

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2377.781+/-1.776 χ^2/NDF: 310254.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2036.726+/-1.087 χ^2/NDF: 9588.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

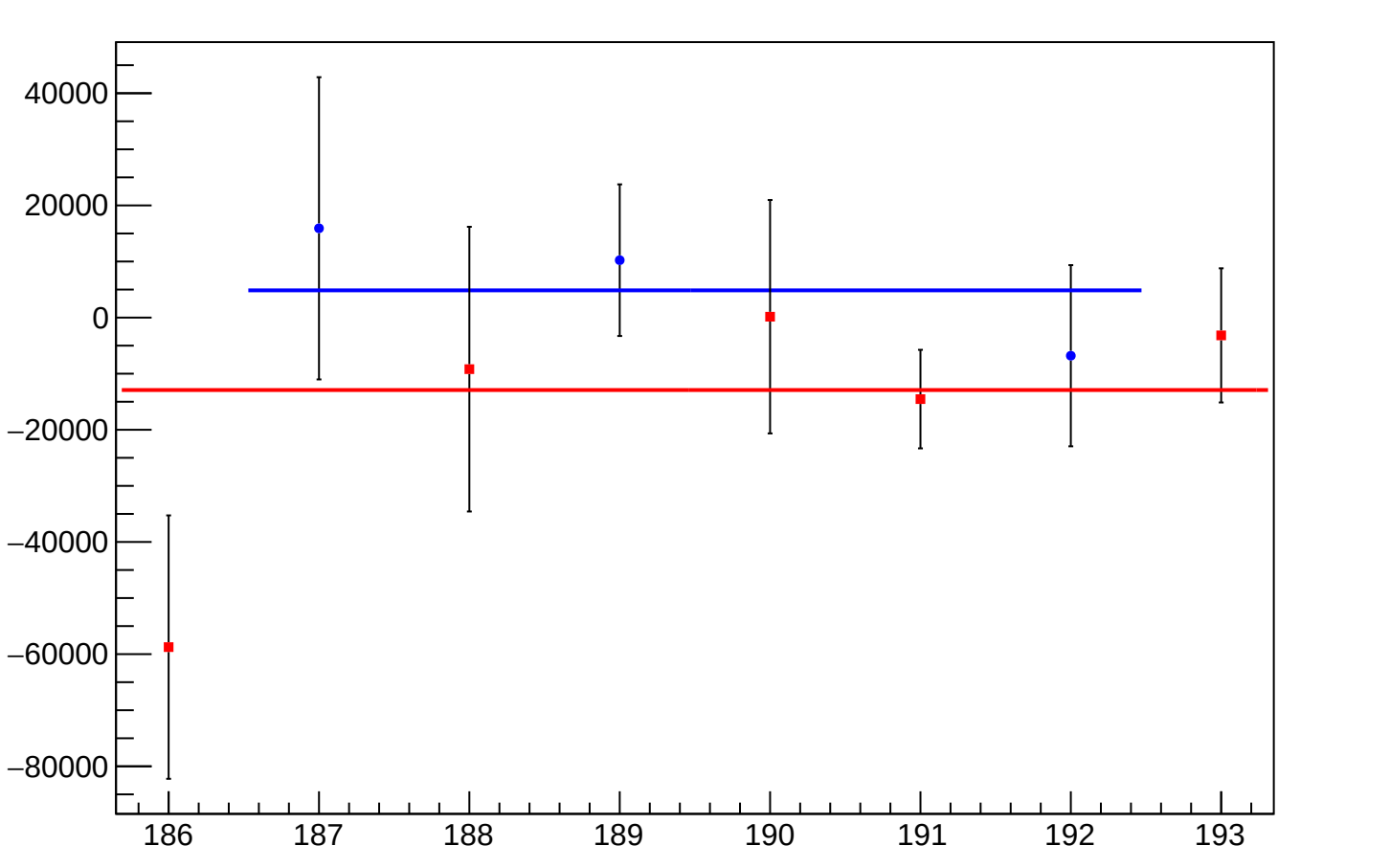
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2129.656+/-0.927 χ^2/NDF: 346658.1/7

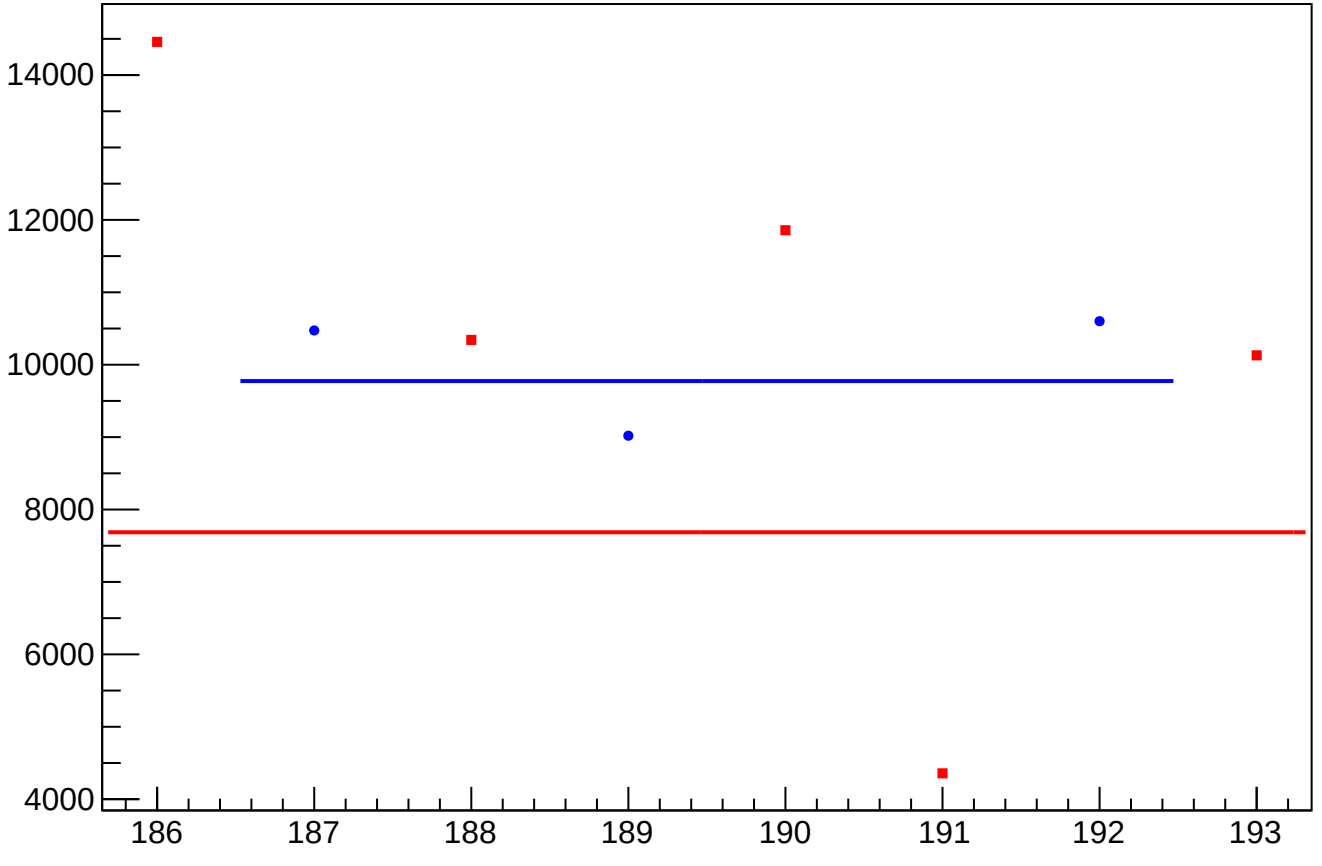
In: 2377.781+/-1.776 χ^2/NDF:310254.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2129.656+/-0.927 χ^2/NDF: 346658.1/7


asym_at2_avg_correction_mean vs Slug, Sign Corrected
40000
20000
0
−20000
−40000
−60000
−80000
186
187
188
189
190
191
192
193
Right In: 4858.010+/-9673.752 χ²/NDF: 0.8/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -12912.741+/-6247.689 χ²/NDF: 4.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -7682.140+/-5248.290 χ²/NDF: 8.2/7
In: 4858.010+/-9673.752 χ²/NDF:0.8/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -7682.140+/-5248.290 χ²/NDF: 8.2/7

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 9774.213+/-6.840 χ^2/NDF: 12822.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7686.175+/-4.418 χ^2/NDF: 639254.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

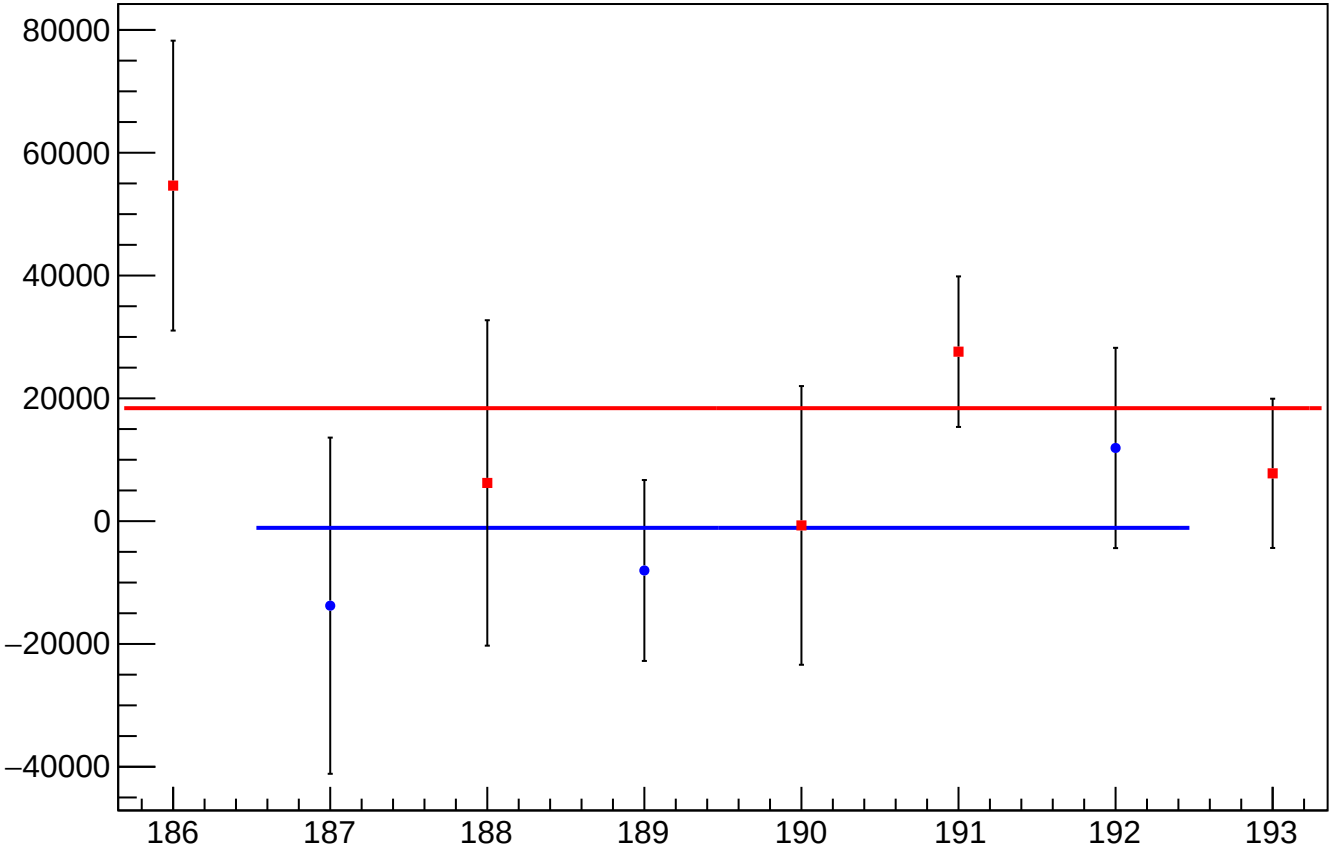
Right: 8300.763+/-3.711 χ^2/NDF: 717829.6/7

In: 9774.213+/-6.840 χ^2/NDF:12822.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8300.763+/-3.711 χ^2/NDF: 717829.6/7

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -1089.795+/-10152.414 χ^2/NDF: 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18400.349+/-7335.663 χ^2/NDF: 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

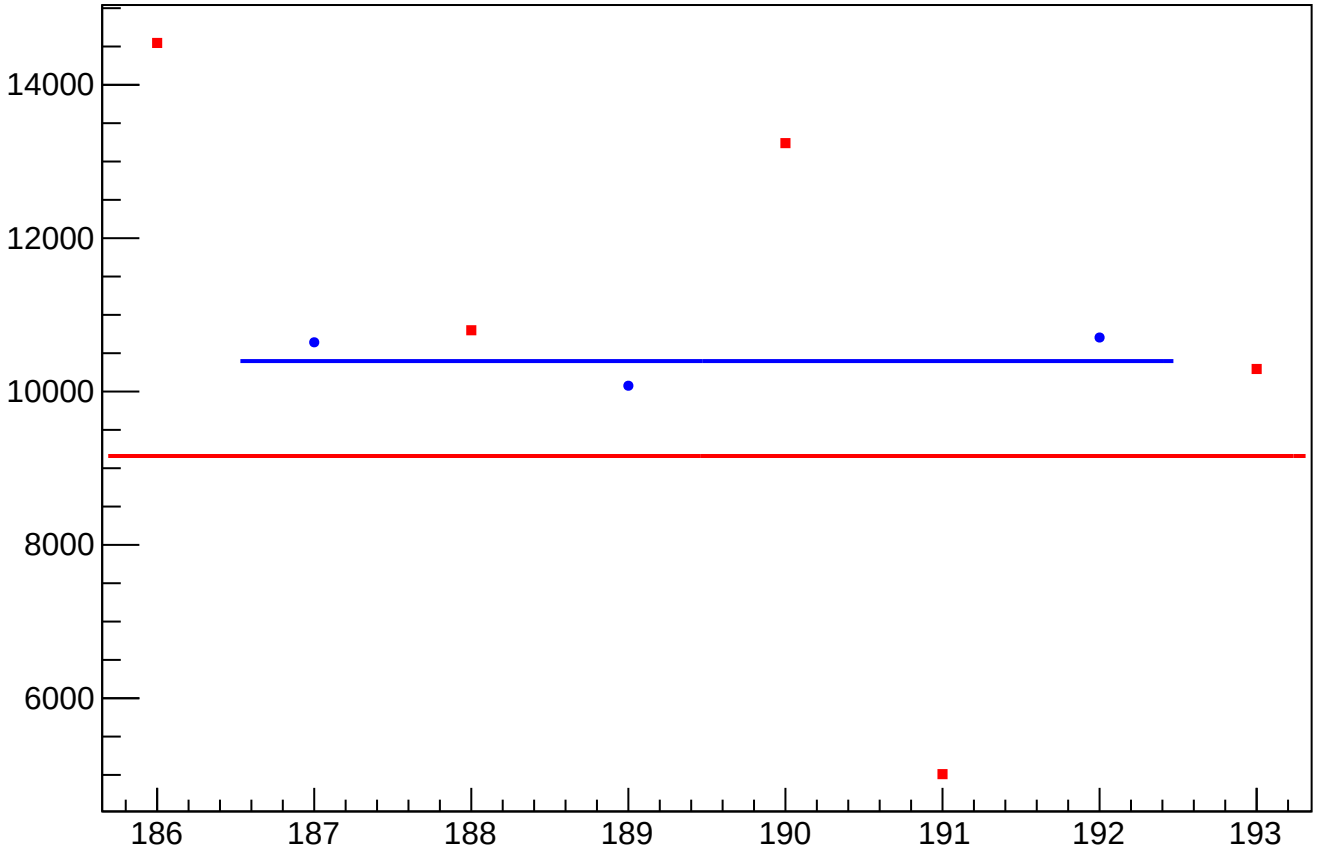
Right: 11715.114+/-5945.934 χ^2/NDF: 8.1/7

In: -1089.795+/-10152.414 χ^2/NDF:1.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11715.114+/-5945.934 χ^2/NDF: 8.1/7

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 10397.394+/-7.179 χ^2/NDF: 1822.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9159.314+/-5.187 χ^2/NDF: 423015.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

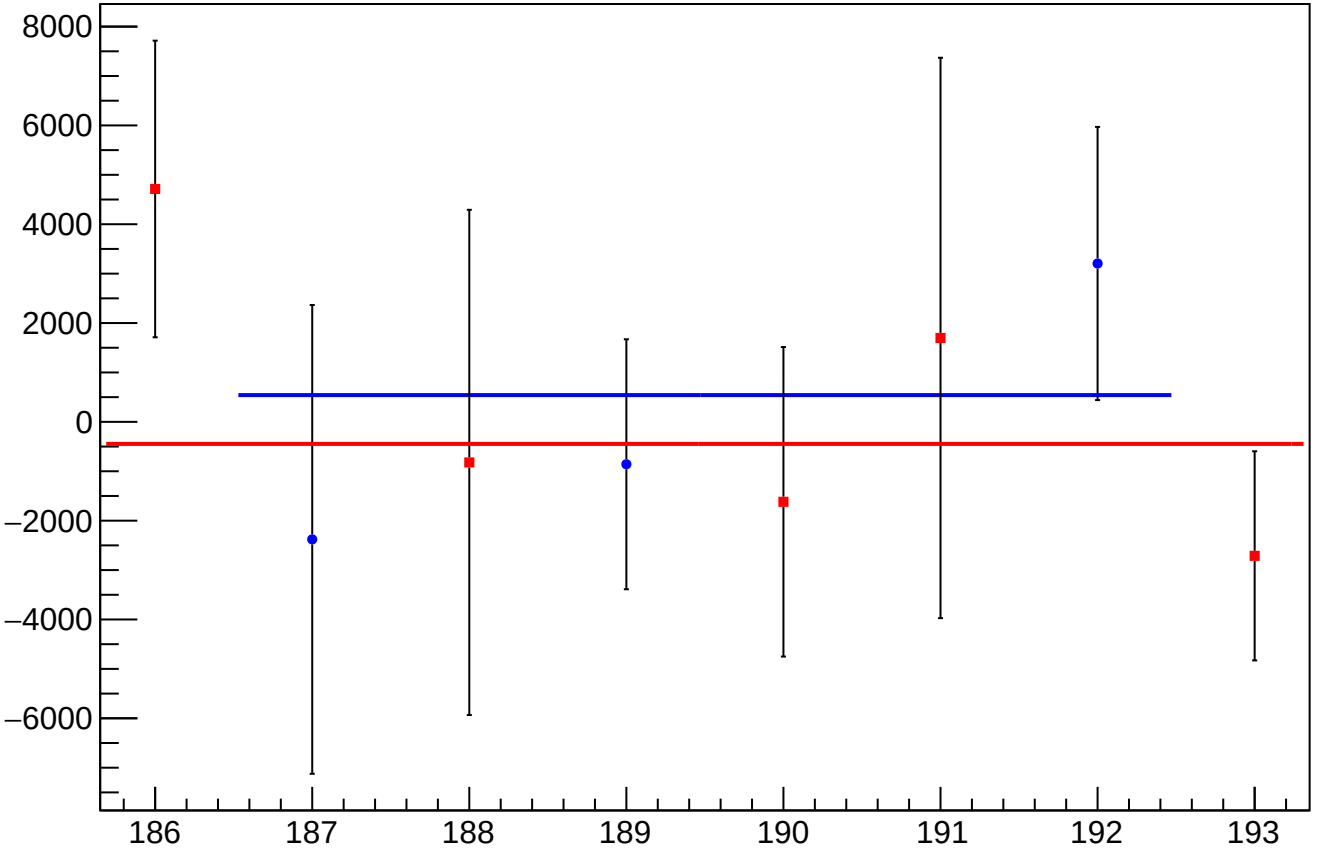
Right: 9583.973+/-4.204 χ^2/NDF: 444379.3/7

In: 10397.394+/-7.179 χ^2/NDF:1822.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9583.973+/-4.204 χ^2/NDF: 444379.3/7

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 541.735+/-1736.765 χ^2/NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -446.367+/-1406.600 χ^2/NDF: 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

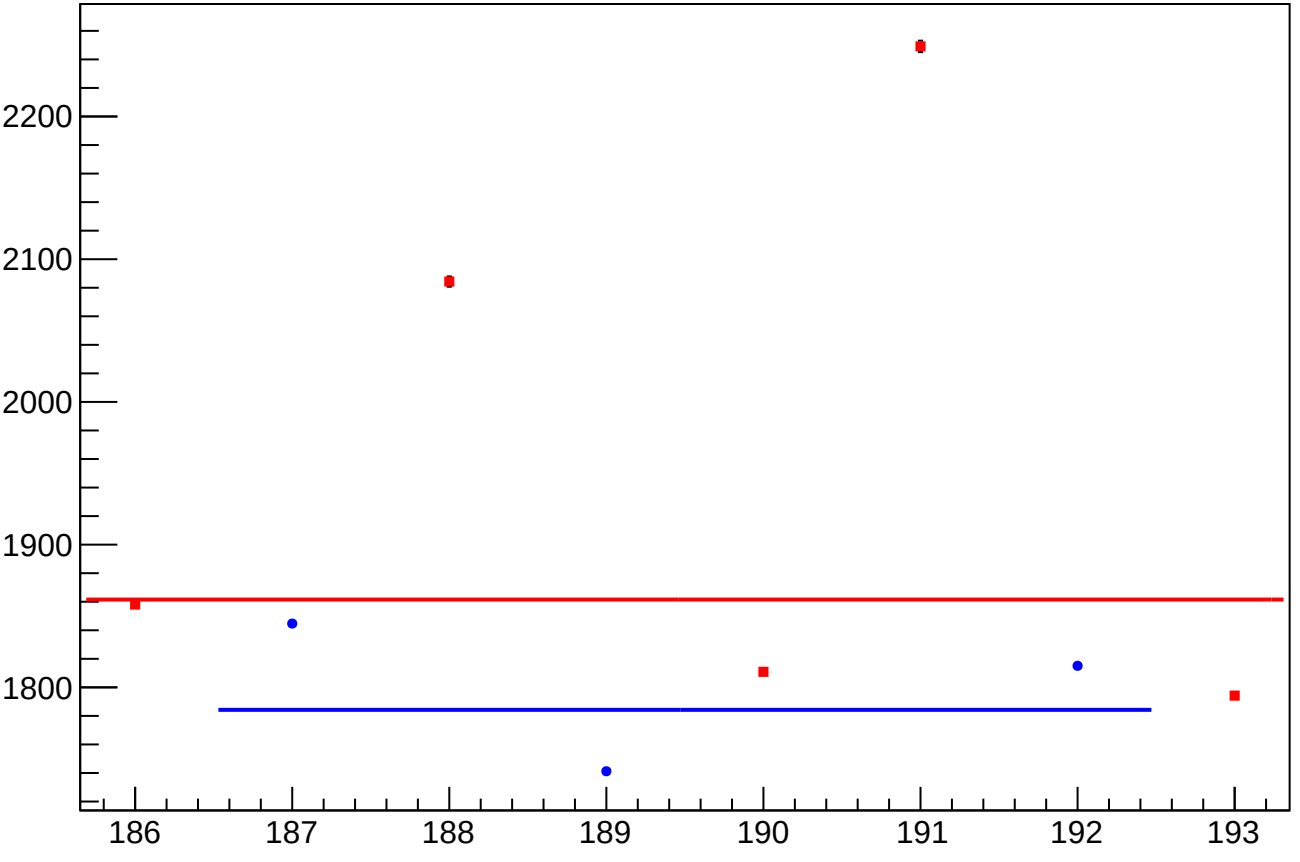
Right: -54.969+/-1093.074 χ^2/NDF: 6.2/7

In: 541.735+/-1736.765 χ^2/NDF:1.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -54.969+/-1093.074 χ^2/NDF: 6.2/7

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1784.250+/-1.228 χ^2/NDF: 1152.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1861.521+/-0.995 χ^2/NDF: 15688.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

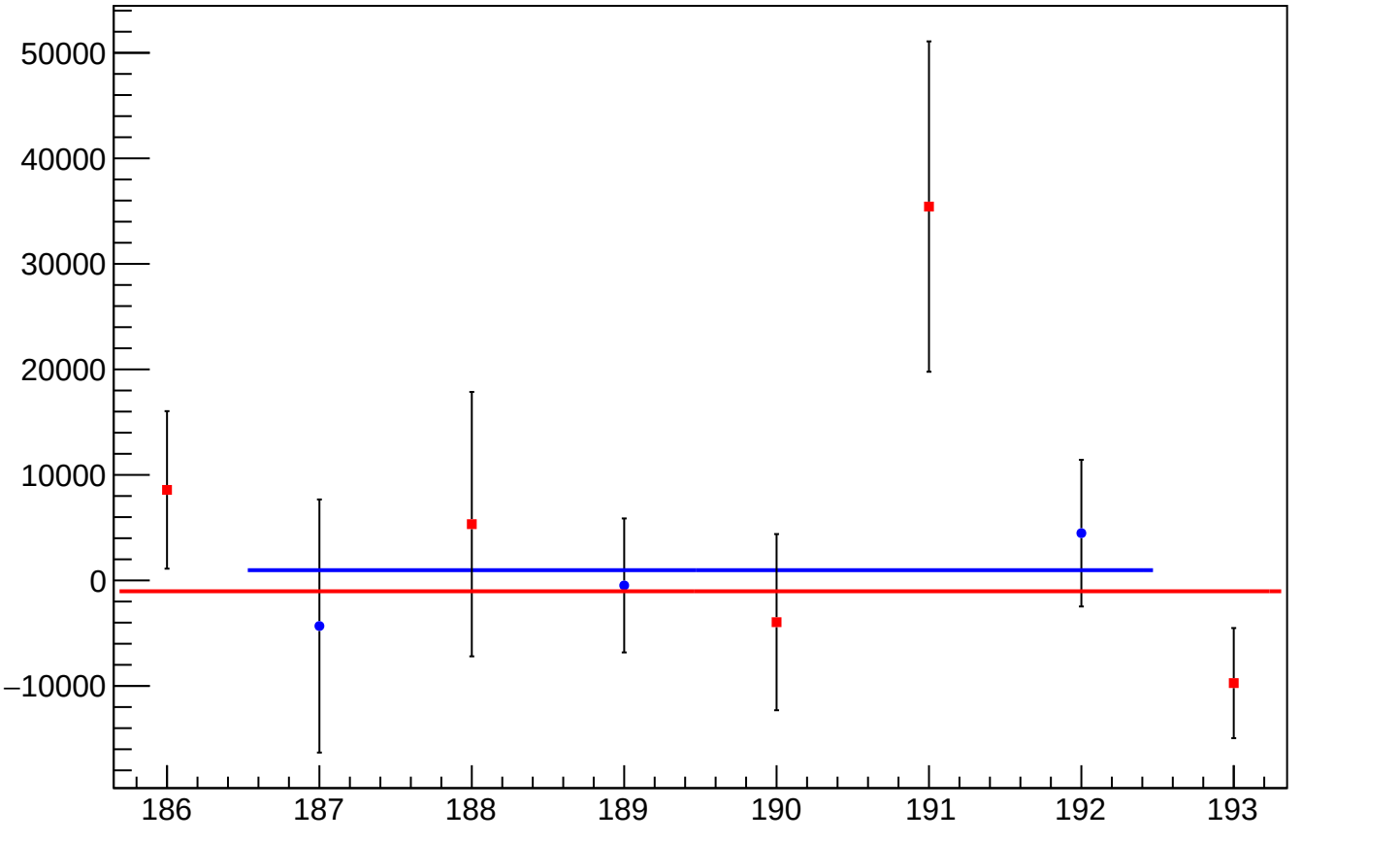
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1830.913+/-0.773 χ^2/NDF: 19231.4/7

In: 1784.250+/-1.228 χ^2/NDF:1152.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1830.913+/-0.773 χ^2/NDF: 19231.4/7



Right In: 971.860+/-4366.522 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1028.263+/-3546.880 χ^2/NDF: 10.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

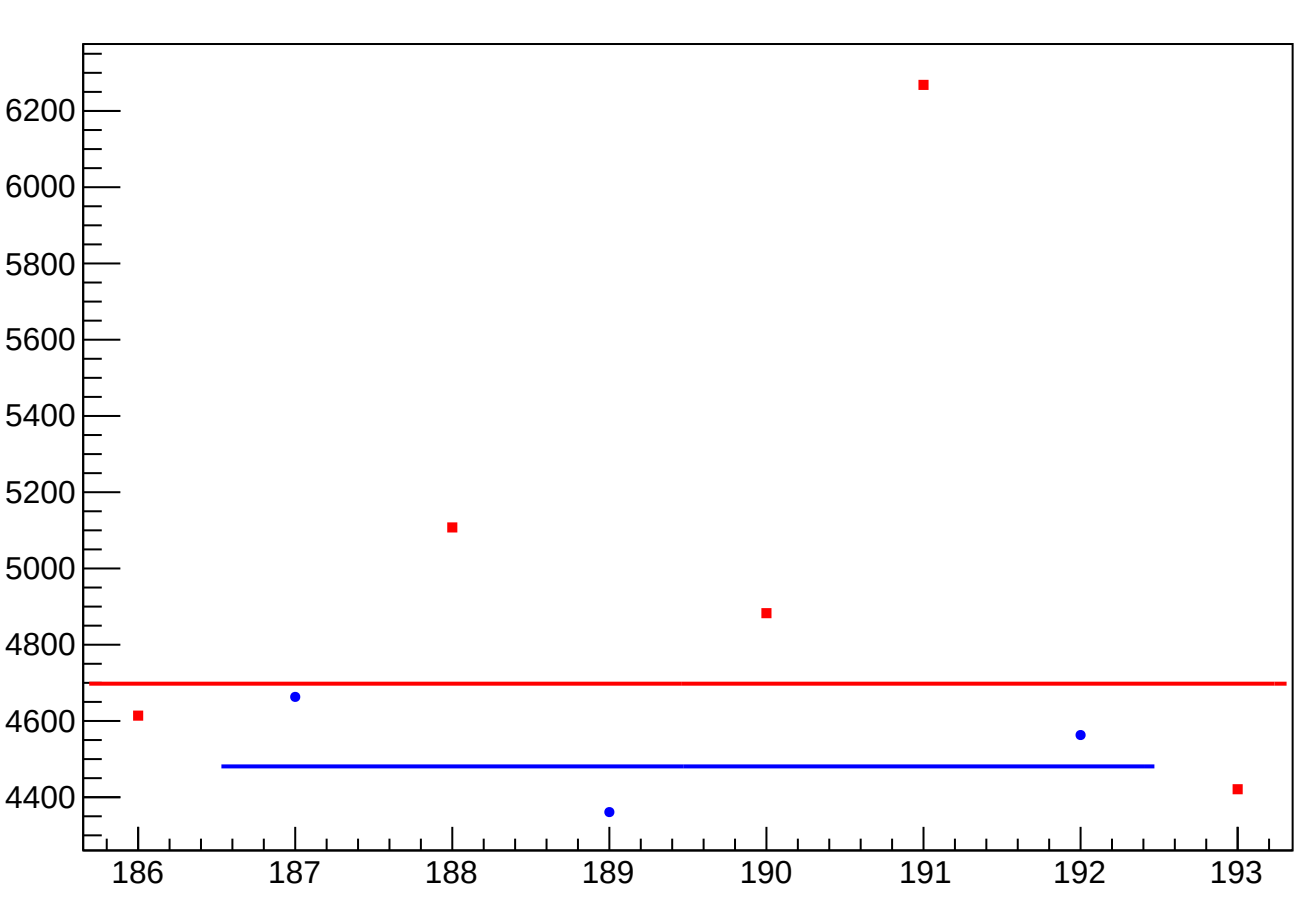
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -233.169+/-2753.067 χ^2/NDF: 10.9/7

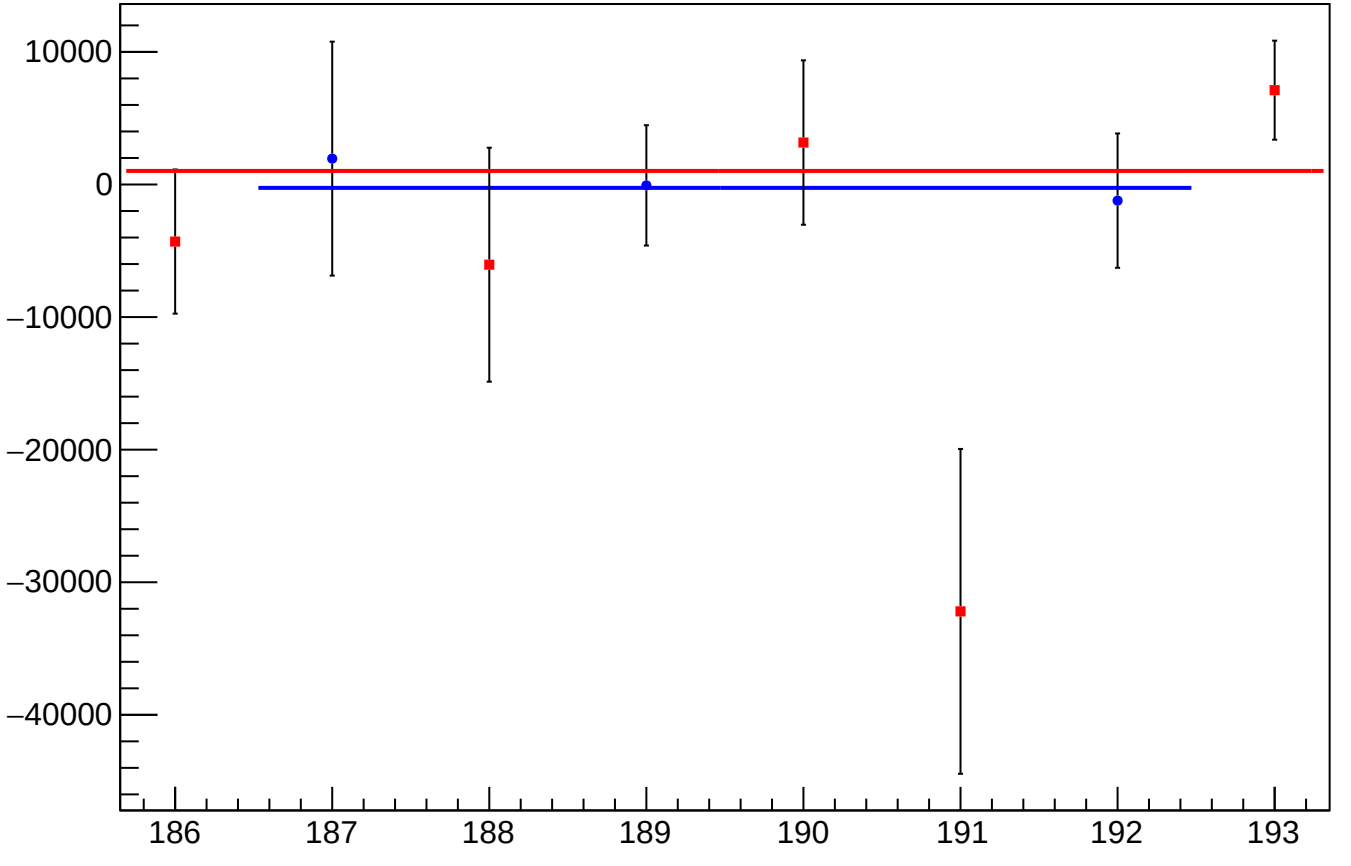
In: 971.860+/-4366.522 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -233.169+/-2753.067 χ^2/NDF: 10.9/7


asym_at2_dd_correction_rms vs Slug, Sign Corrected
6200
6000
5800
5600
5400
5200
5000
4800
4600
4400
186
187
188
189
190
191
192
193
Right In: 4480.835+/-3.088 χ²/NDF: 1454.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 4697.798+/-2.508 χ²/NDF: 29150.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 4611.551+/-1.947 χ²/NDF: 33580.2/7
In: 4480.835+/-3.088 χ²/NDF:1454.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 4611.551+/-1.947 χ²/NDF: 33580.2/7

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -254.397+/-3156.296 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1024.050+/-2572.855 χ^2/NDF: 11.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

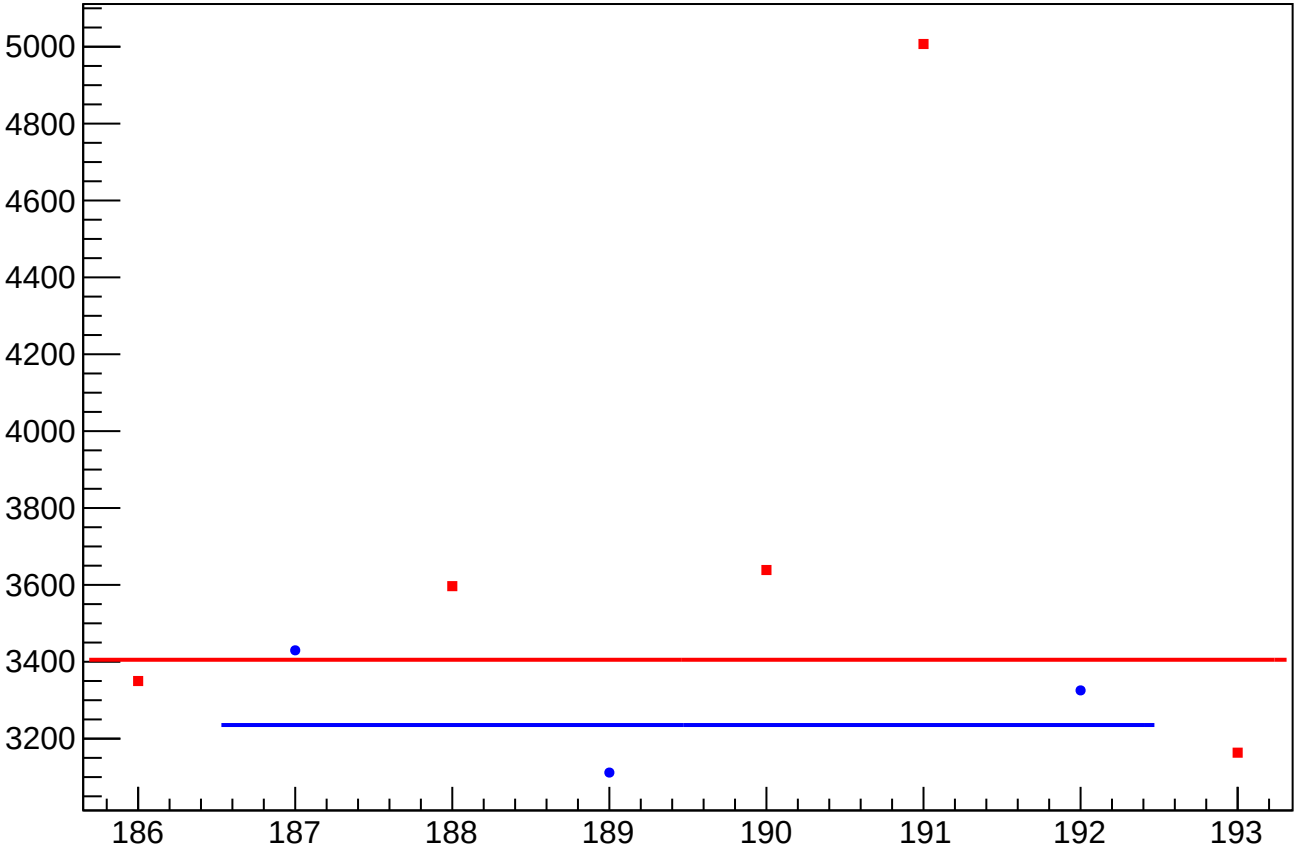
Right: 513.684+/-1994.240 χ^2/NDF: 11.9/7

In: -254.397+/-3156.296 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 513.684+/-1994.240 χ^2/NDF: 11.9/7

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 3235.457+/-2.232 χ^2/NDF: 3088.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3405.218+/-1.819 χ^2/NDF: 46563.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

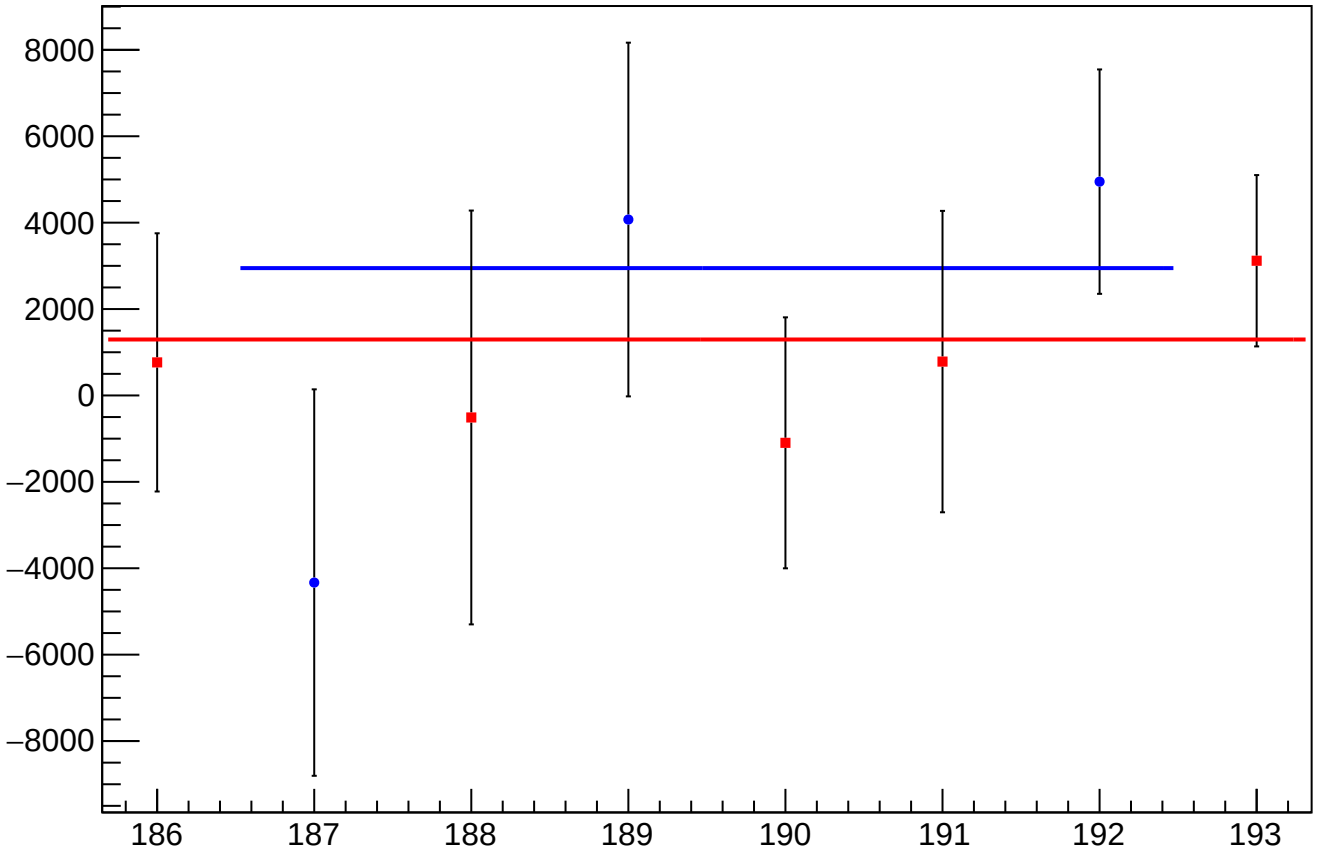
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3337.448+/-1.410 χ^2/NDF: 53128.9/7

In: 3235.457+/-2.232 χ^2/NDF:3088.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3337.448+/-1.410 χ^2/NDF: 53128.9/7



Right In: 2947.658+/-1969.151 χ^2/NDF: 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1295.224+/-1279.864 χ^2/NDF: 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

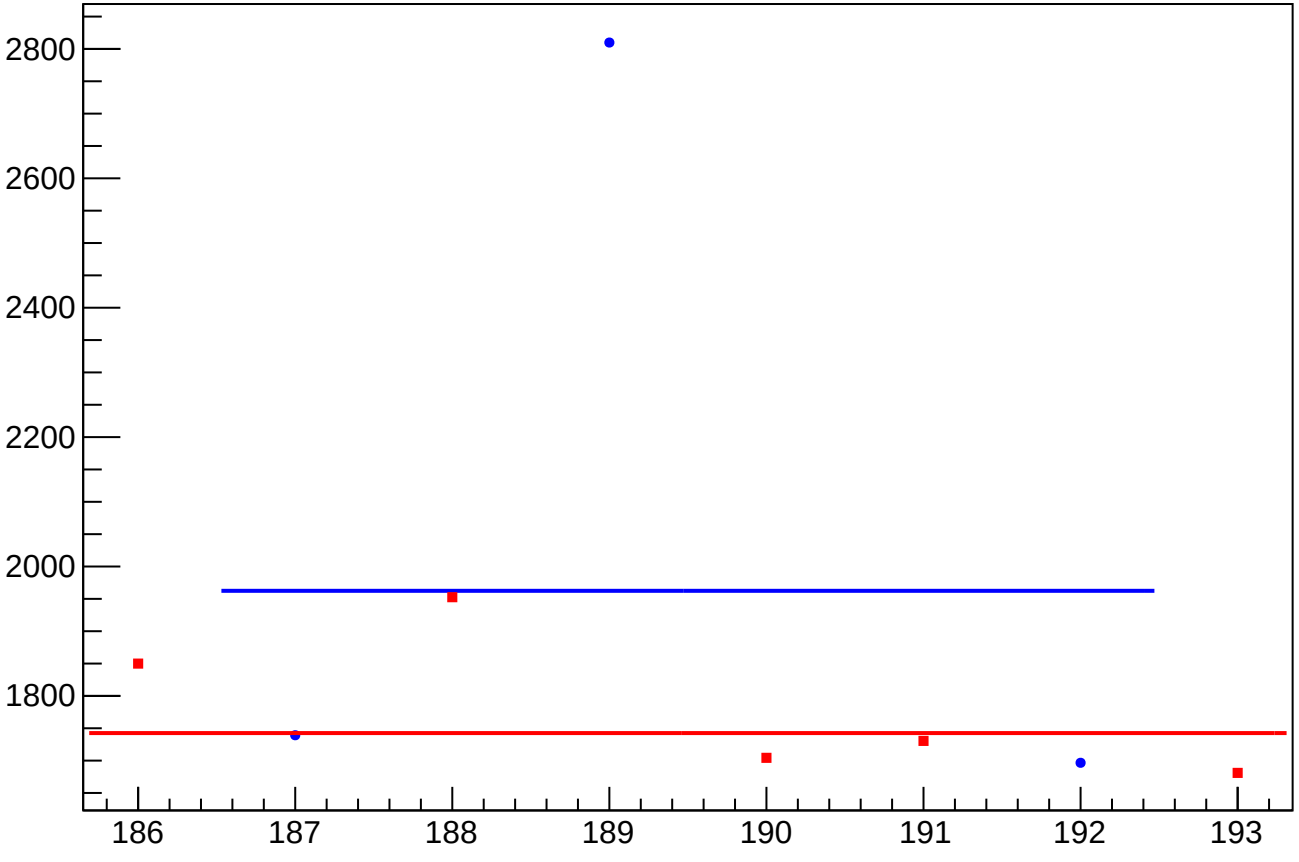
Right: 1785.972+/-1073.115 χ^2/NDF: 5.5/7

In: 2947.658+/-1969.151 χ^2/NDF:3.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1785.972+/-1073.115 χ^2/NDF: 5.5/7

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1962.436+/-1.392 χ^2/NDF: 111626.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1742.559+/-0.905 χ^2/NDF: 8723.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

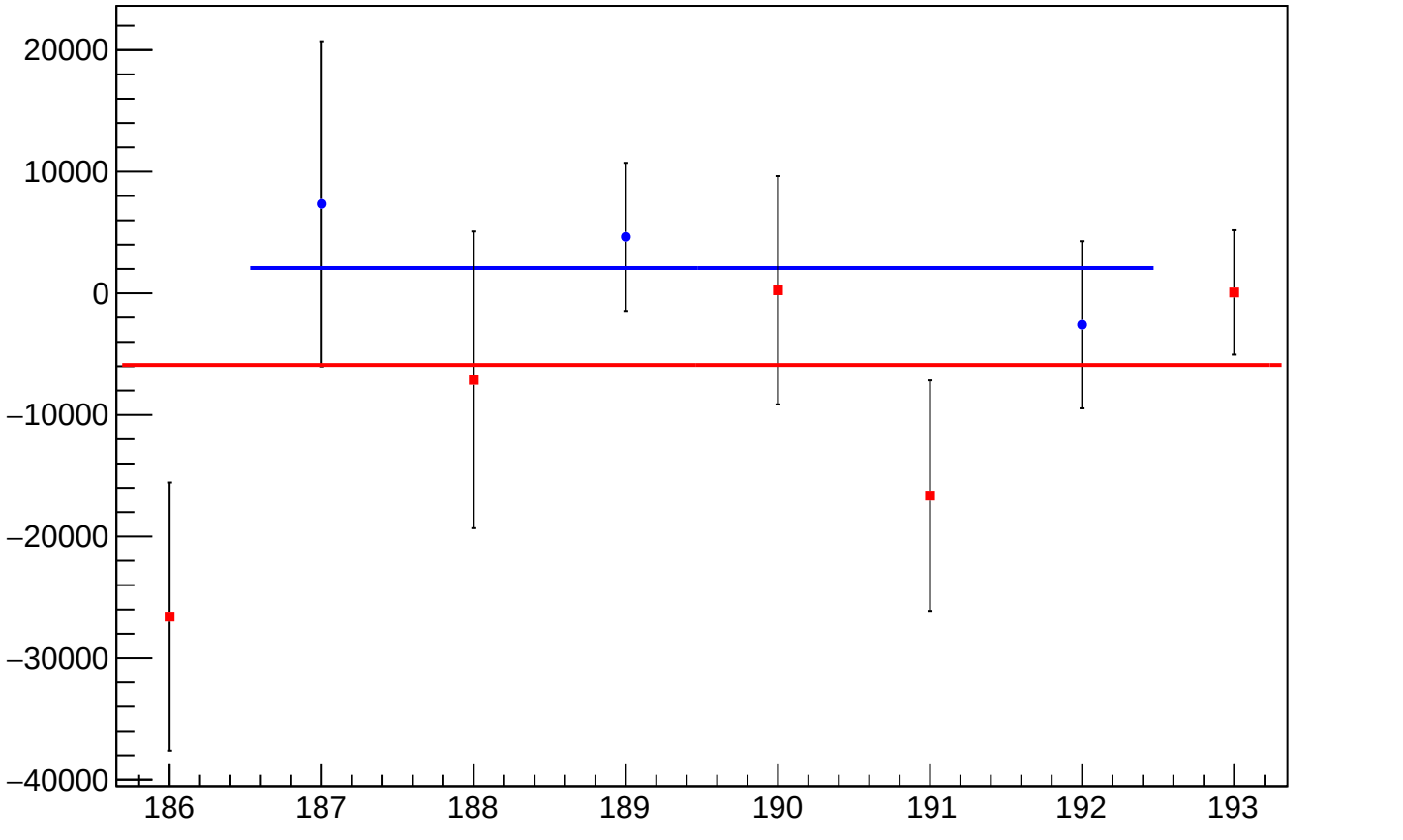
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1807.859+/-0.759 χ^2/NDF: 137880.4/7

In: 1962.436+/-1.392 χ^2/NDF:111626.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1807.859+/-0.759 χ^2/NDF: 137880.4/7



Right In: 2074.035+/-4313.408 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5895.884+/-3634.608 χ^2/NDF: 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

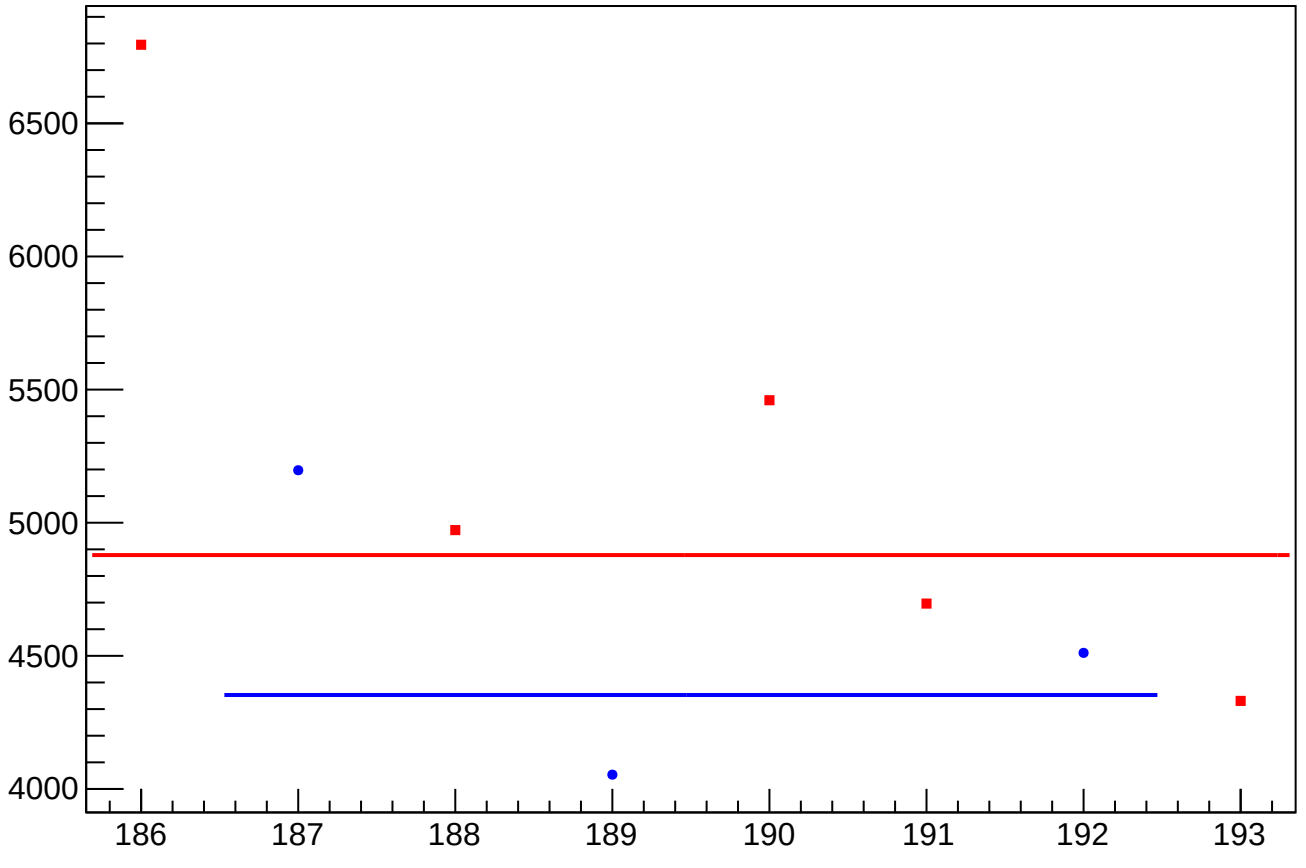
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2586.667+/-2779.433 χ^2/NDF: 9.4/7

In: 2074.035+/-4313.408 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2586.667+/-2779.433 χ^2/NDF: 9.4/7



Right In: 4352.980+/-3.050 χ^2/NDF: 13864.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4878.488+/-2.570 χ^2/NDF: 91871.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

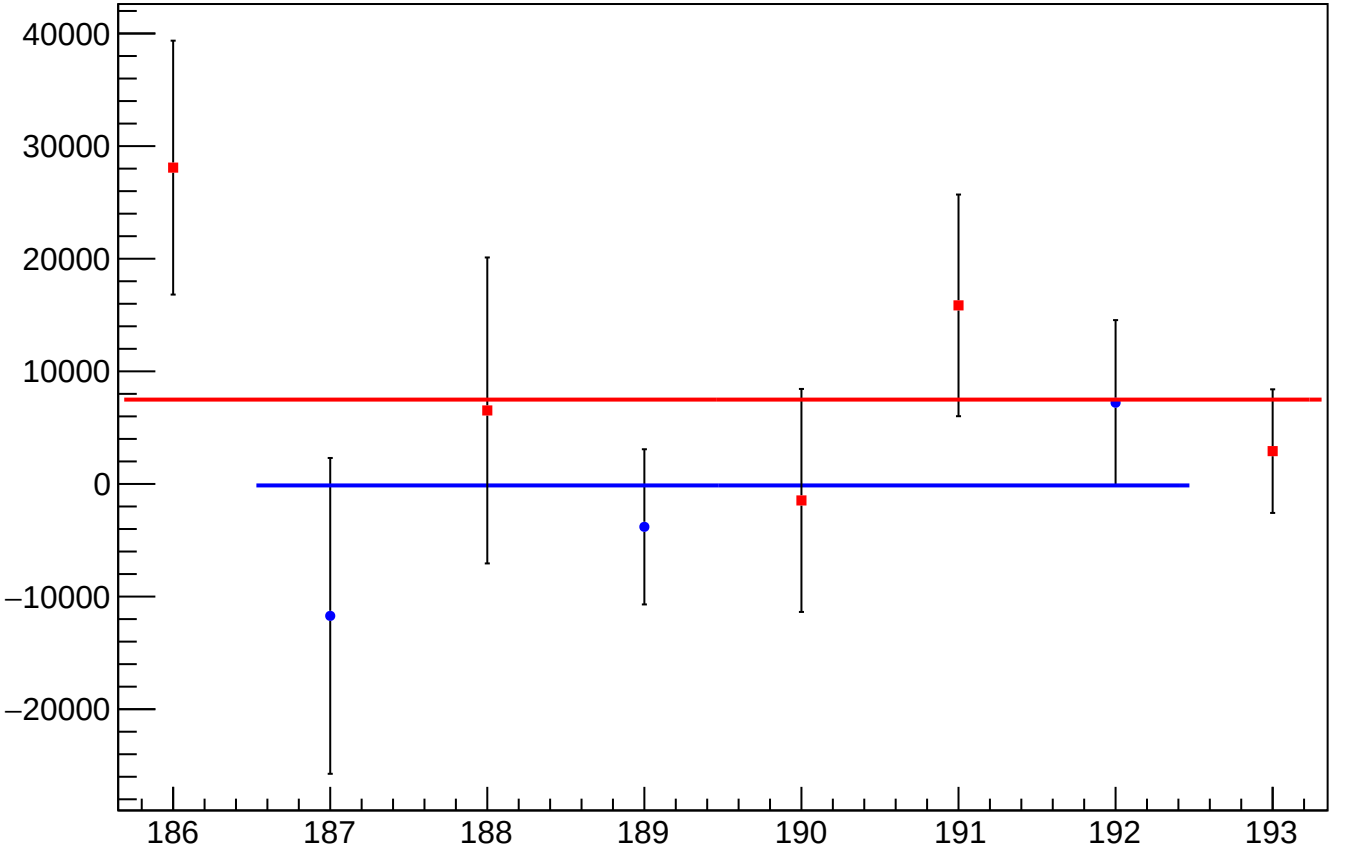
Right: 4660.290+/-1.965 χ^2/NDF: 123096.7/7

In: 4352.980+/-3.050 χ^2/NDF:13864.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4660.290+/-1.965 χ^2/NDF: 123096.7/7

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: -130.688+/-4728.745 χ^2/NDF: 2.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7491.151+/-3862.999 χ^2/NDF: 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

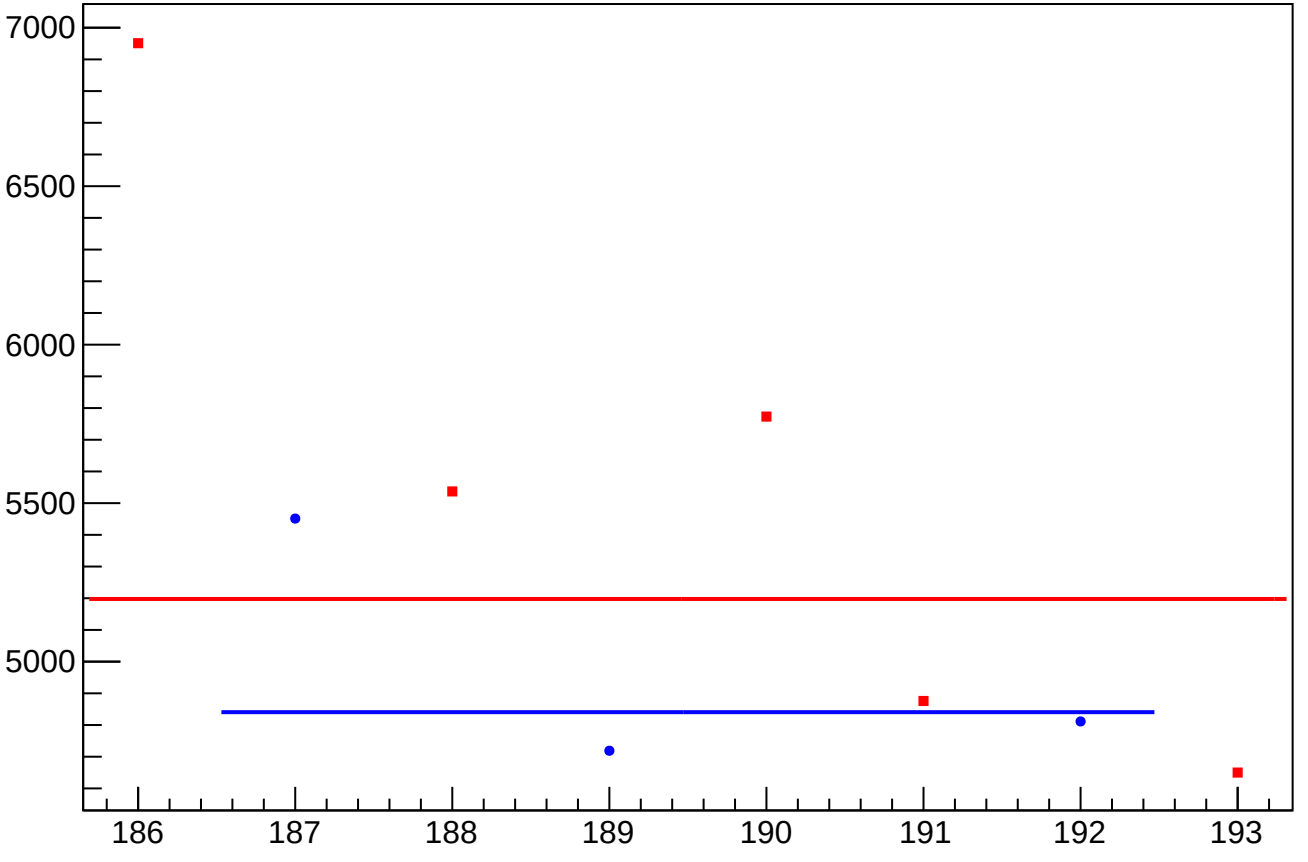
Right: 4440.525+/-2991.648 χ^2/NDF: 9.1/7

In: -130.688+/-4728.745 χ^2/NDF:2.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4440.525+/-2991.648 χ^2/NDF: 9.1/7

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 4840.524+/-3.344 χ^2/NDF: 4451.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5197.702+/-2.732 χ^2/NDF: 78445.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

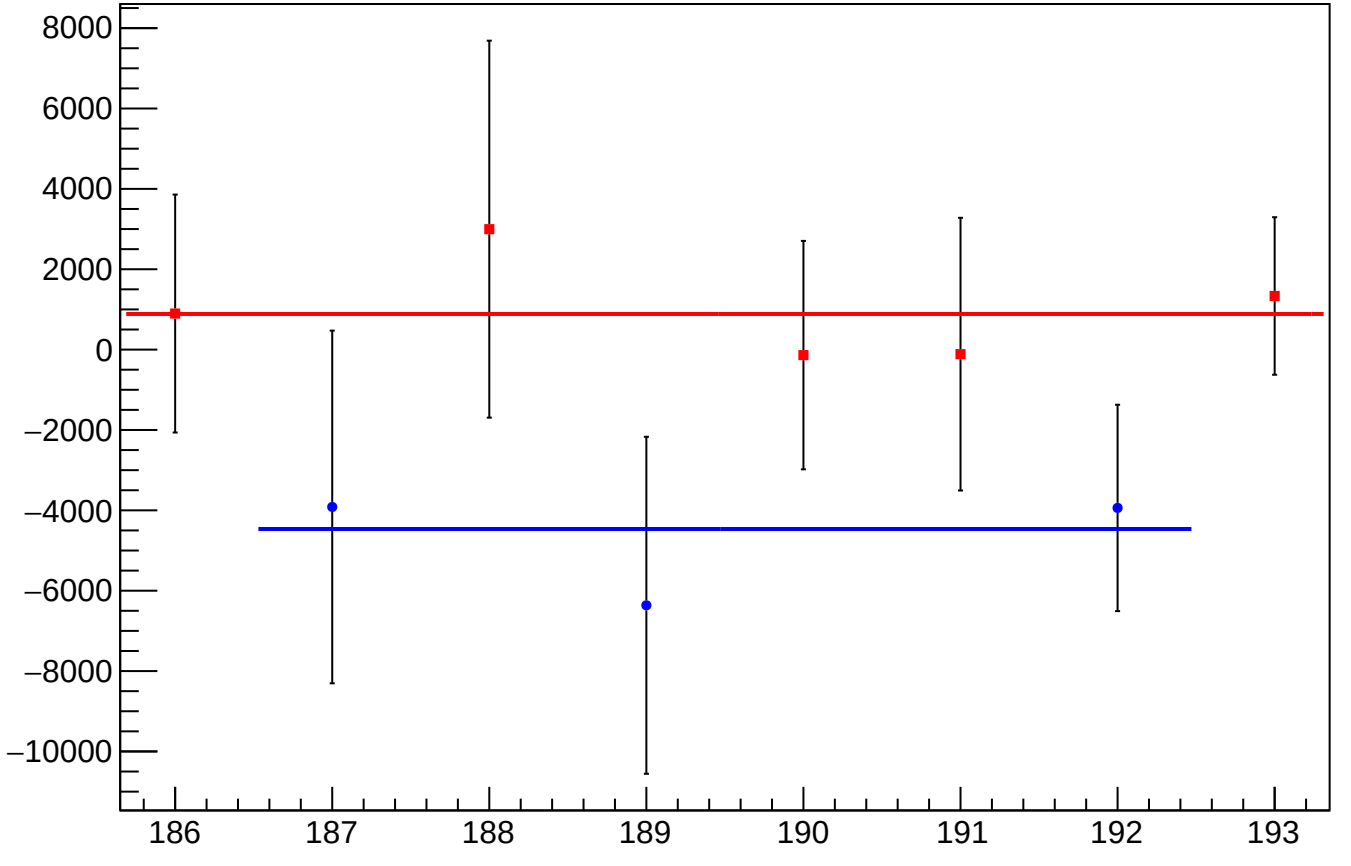
Right: 5054.742+/-2.115 χ^2/NDF: 89740.1/7

In: 4840.524+/-3.344 χ^2/NDF:4451.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5054.742+/-2.115 χ^2/NDF: 89740.1/7

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -4464.160+/-1959.603 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 887.076+/-1259.464 χ^2/NDF: 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

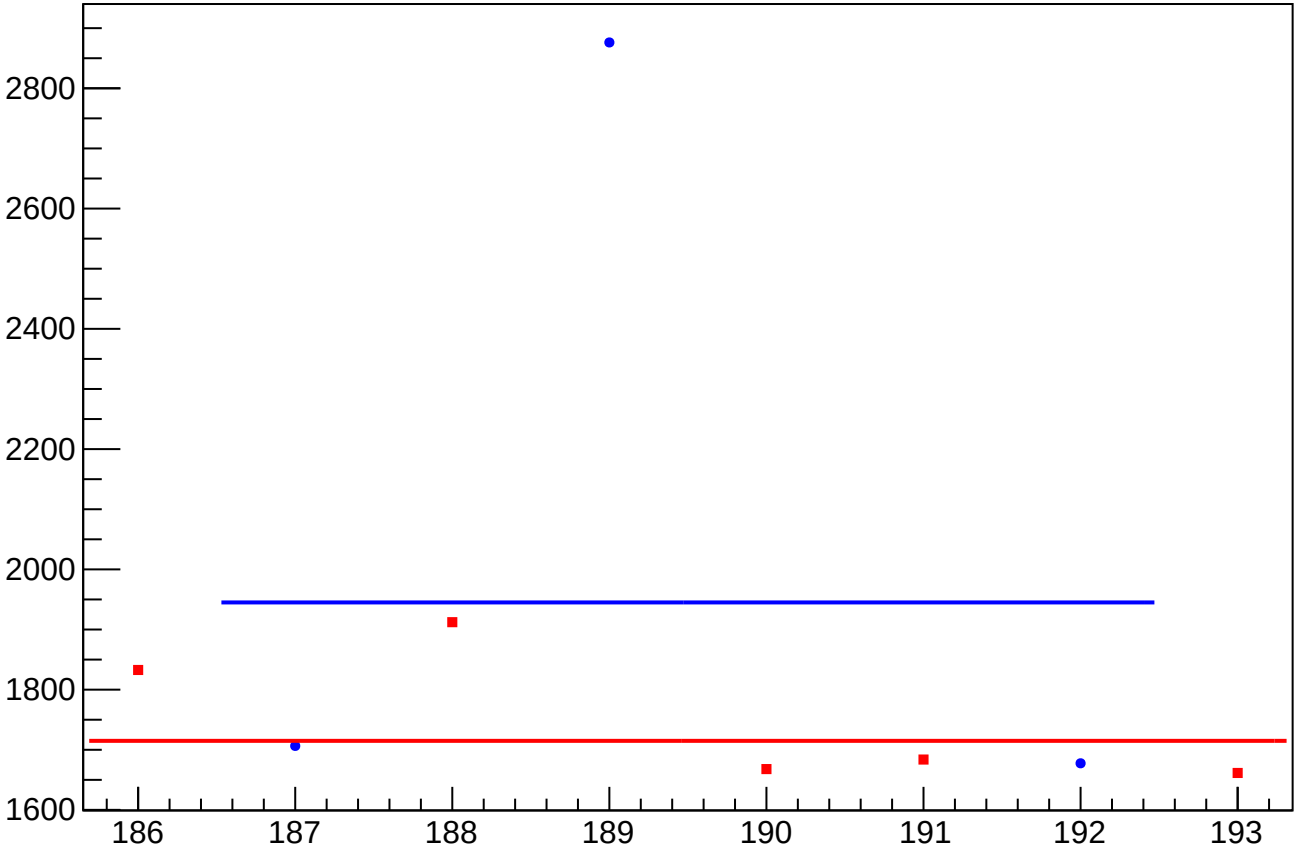
Right: -677.231+/-1059.503 χ^2/NDF: 6.0/7

In: -4464.160+/-1959.603 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -677.231+/-1059.503 χ^2/NDF: 6.0/7

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1945.038+/-1.386 χ^2/NDF: 126225.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1714.869+/-0.891 χ^2/NDF: 8906.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

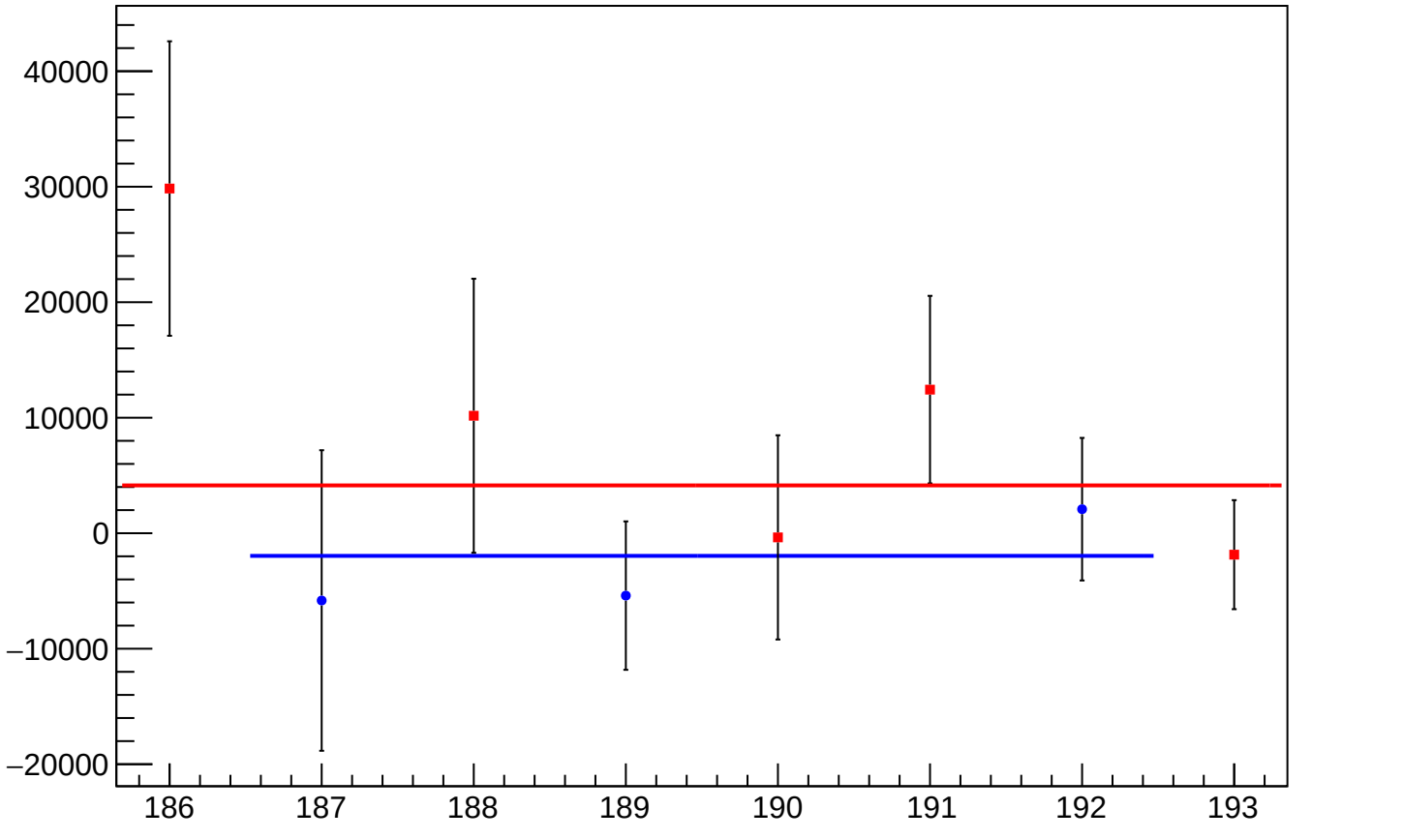
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1782.153+/-0.749 χ^2/NDF: 154658.4/7

In: 1945.038+/-1.386 χ^2/NDF:126225.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1782.153+/-0.749 χ^2/NDF: 154658.4/7



Right In: -1962.087+/-4211.424 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4140.154+/-3408.025 χ^2/NDF: 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

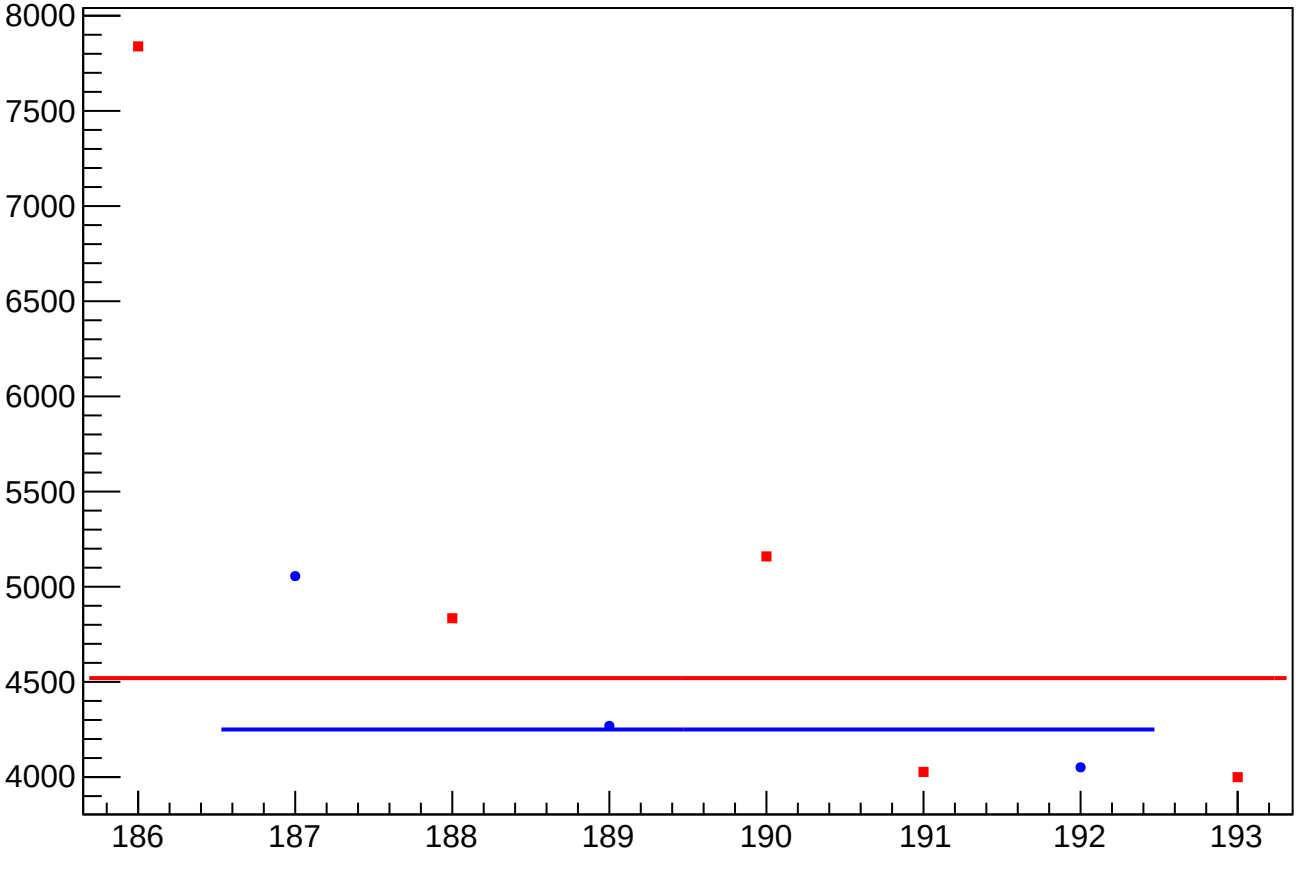
Right: 1725.382+/-2649.246 χ^2/NDF: 9.3/7

In: -1962.087+/-4211.424 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1725.382+/-2649.246 χ^2/NDF: 9.3/7

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4250.046+/-2.978 χ^2/NDF: 9761.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4520.043+/-2.410 χ^2/NDF: 179106.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

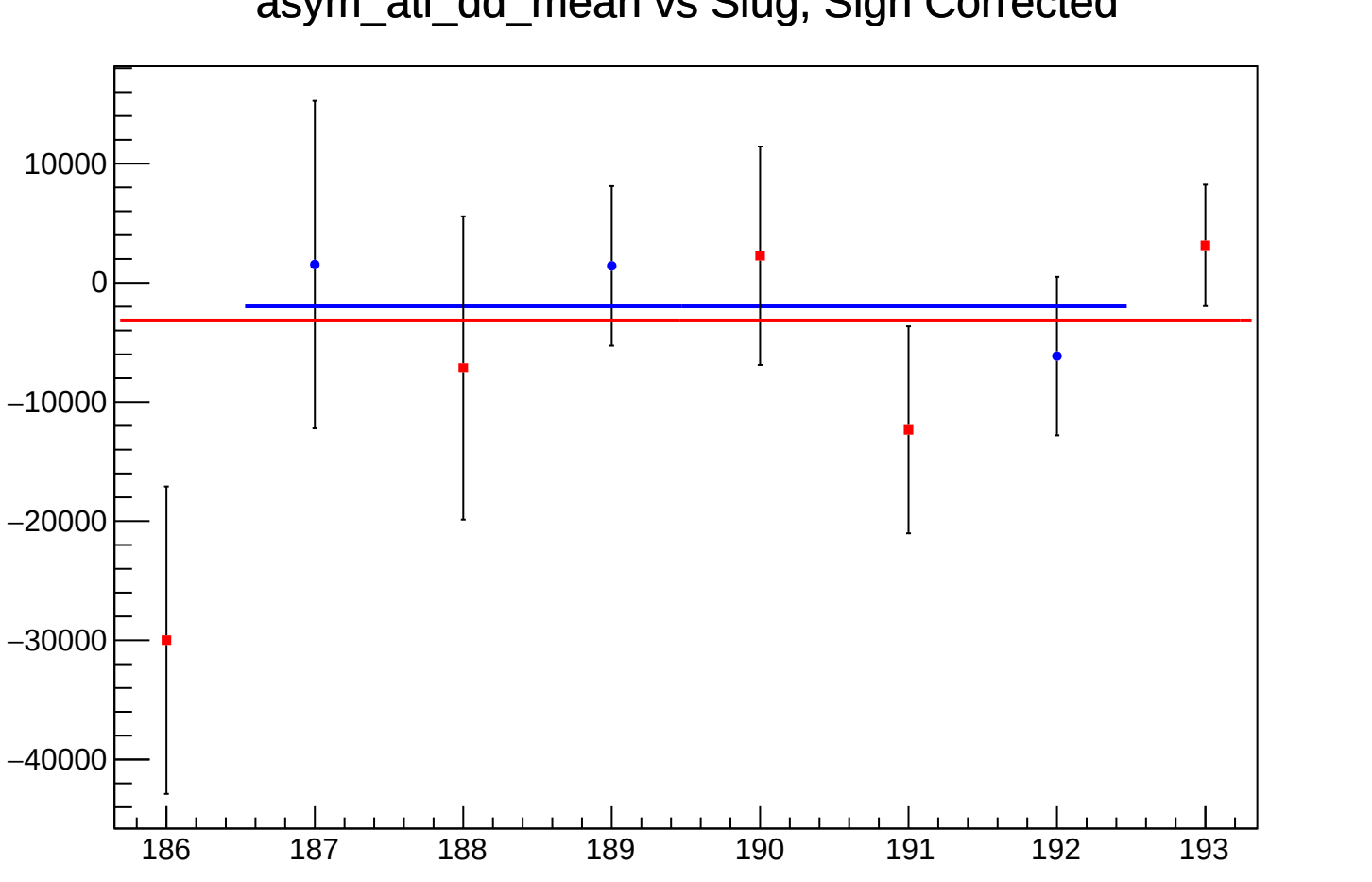
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4413.200+/-1.873 χ^2/NDF: 193835.3/7

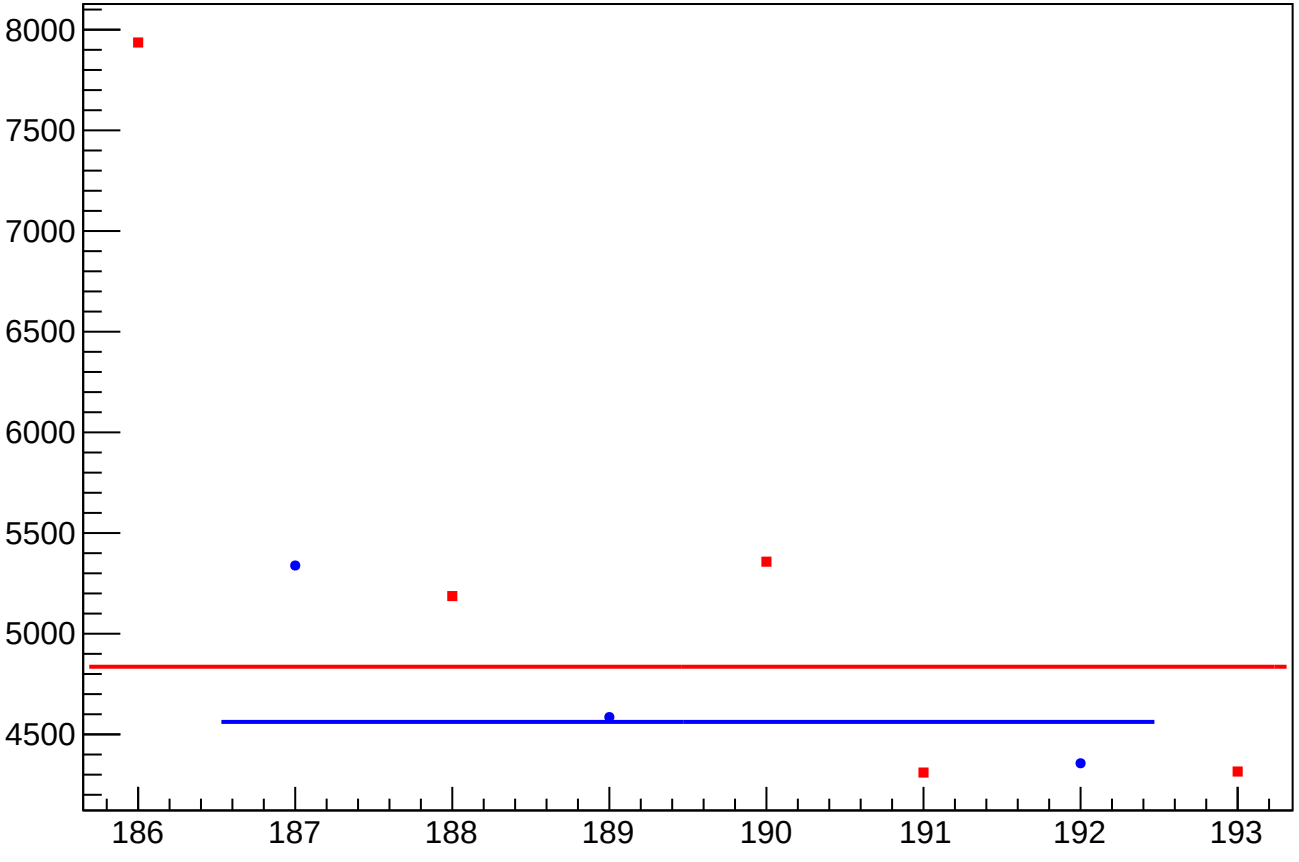
In: 4250.046+/-2.978 χ^2/NDF:9761.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4413.200+/-1.873 χ^2/NDF: 193835.3/7


asym_atl_dd_mean vs Slug, Sign Corrected
10000
0
−10000
−20000
−30000
−40000
186
187
188
189
190
191
192
193
Right In: -1972.563+/-4458.985 χ²/NDF: 0.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -3156.429+/-3629.628 χ²/NDF: 7.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -2684.620+/-2814.933 χ²/NDF: 8.2/7
In: -1972.563+/-4458.985 χ²/NDF:0.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -2684.620+/-2814.933 χ²/NDF: 8.2/7

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 4562.021+/-3.153 χ^2/NDF: 8331.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4835.991+/-2.567 χ^2/NDF: 151814.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

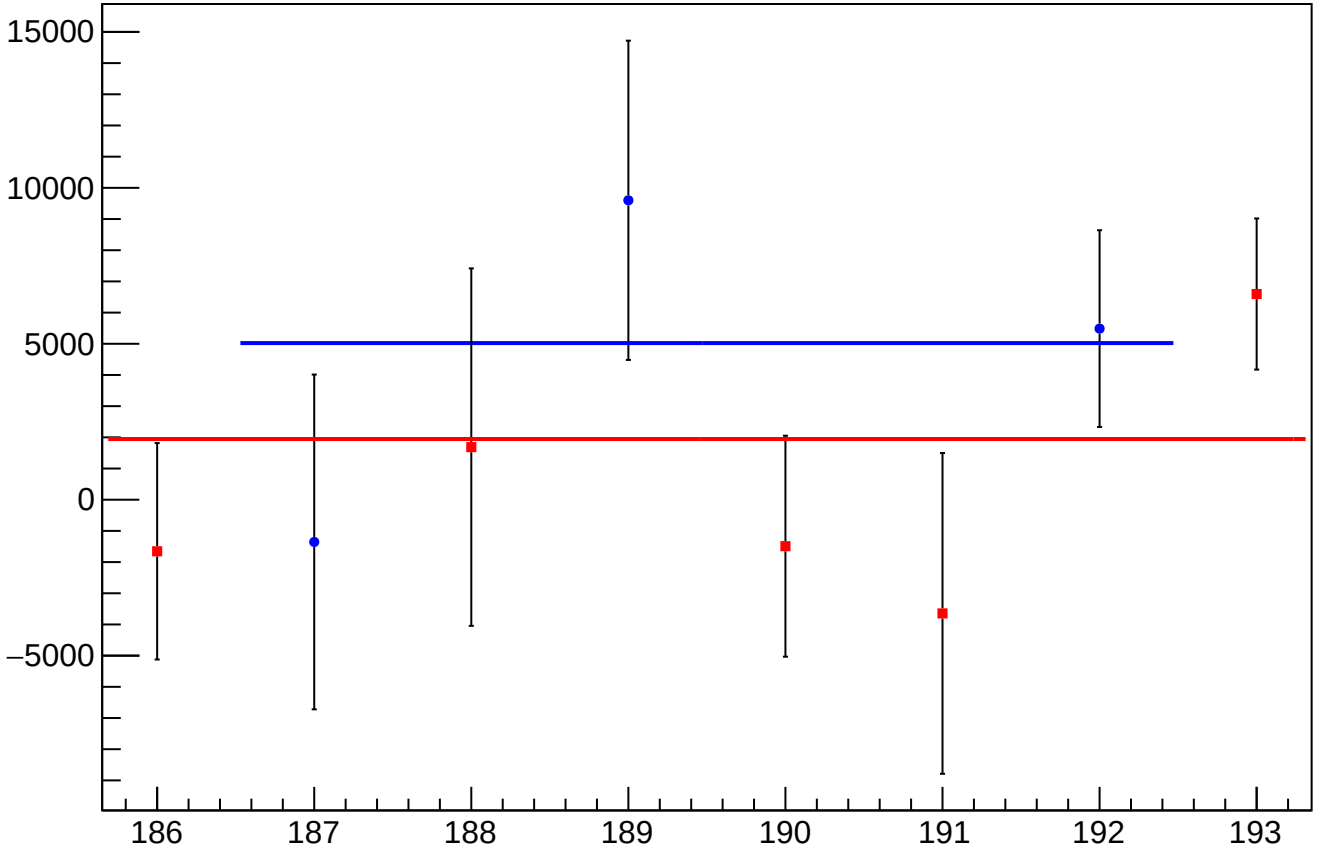
Right: 4726.805+/-1.990 χ^2/NDF: 164686.8/7

In: 4562.021+/-3.153 χ^2/NDF:8331.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4726.805+/-1.990 χ^2/NDF: 164686.8/7

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5022.692+/-2401.460 χ^2/NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1946.254+/-1578.460 χ^2/NDF: 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

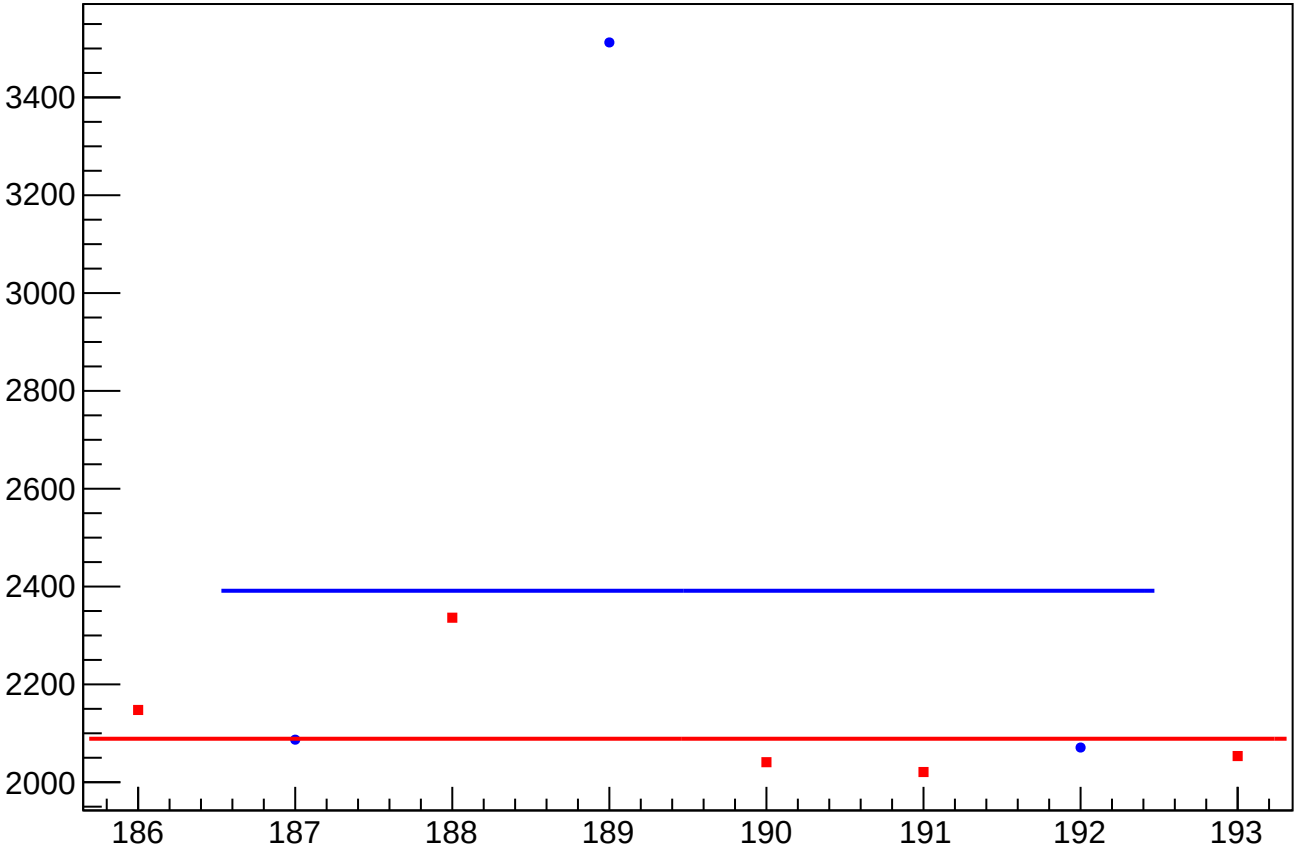
Right: 2874.391+/-1319.038 χ^2/NDF: 10.3/7

In: 5022.692+/-2401.460 χ^2/NDF:2.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2874.391+/-1319.038 χ^2/NDF: 10.3/7

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2391.403+/-1.698 χ^2/NDF: 123011.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2088.870+/-1.116 χ^2/NDF: 5445.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

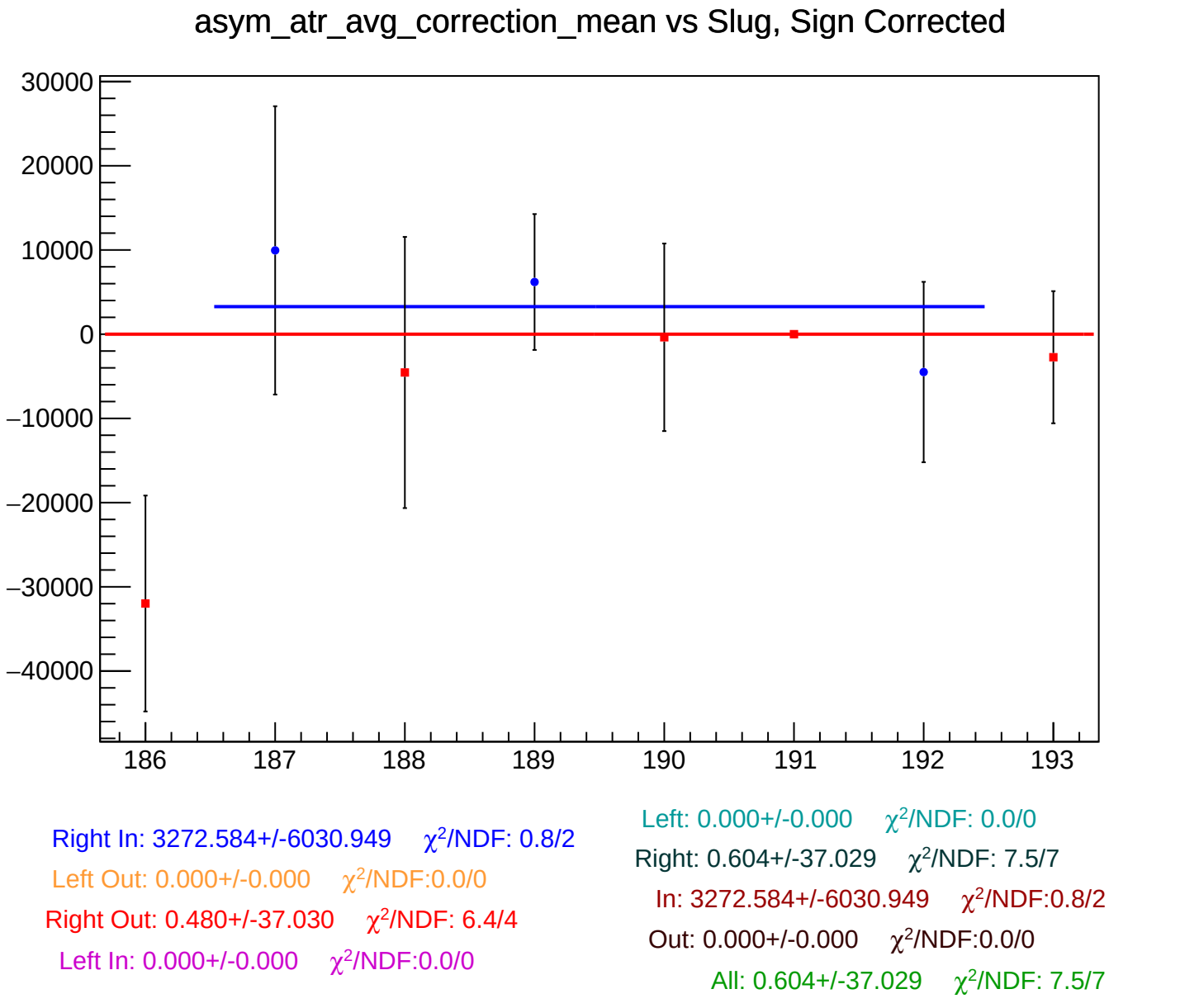
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

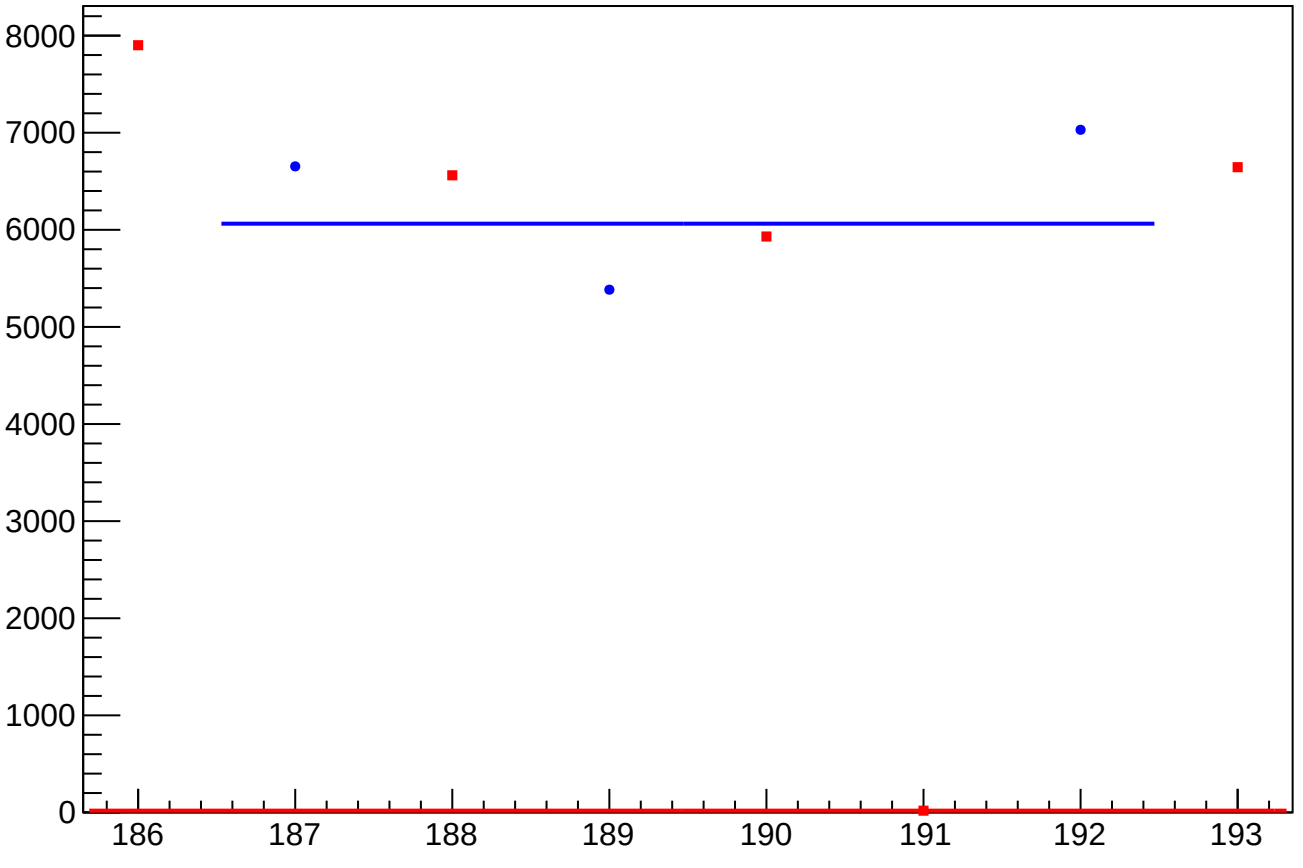
Right: 2180.142+/-0.933 χ^2/NDF: 150622.1/7

In: 2391.403+/-1.698 χ^2/NDF:123011.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2180.142+/-0.933 χ^2/NDF: 150622.1/7


asym_atr_avg_correction_mean vs Slug, Sign Corrected
30000
20000
10000
0
−10000
−20000
−30000
−40000
186
187
188
189
190
191
192
193
Right In: 3272.584+/-6030.949 χ²/NDF: 0.8/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.480+/-37.030 χ²/NDF: 6.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.604+/-37.029 χ²/NDF: 7.5/7
In: 3272.584+/-6030.949 χ²/NDF:0.8/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.604+/-37.029 χ²/NDF: 7.5/7



Right In: 6063.223+/-4.265 χ^2/NDF: 32873.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.689+/-0.026 χ^2/NDF: 3076219.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

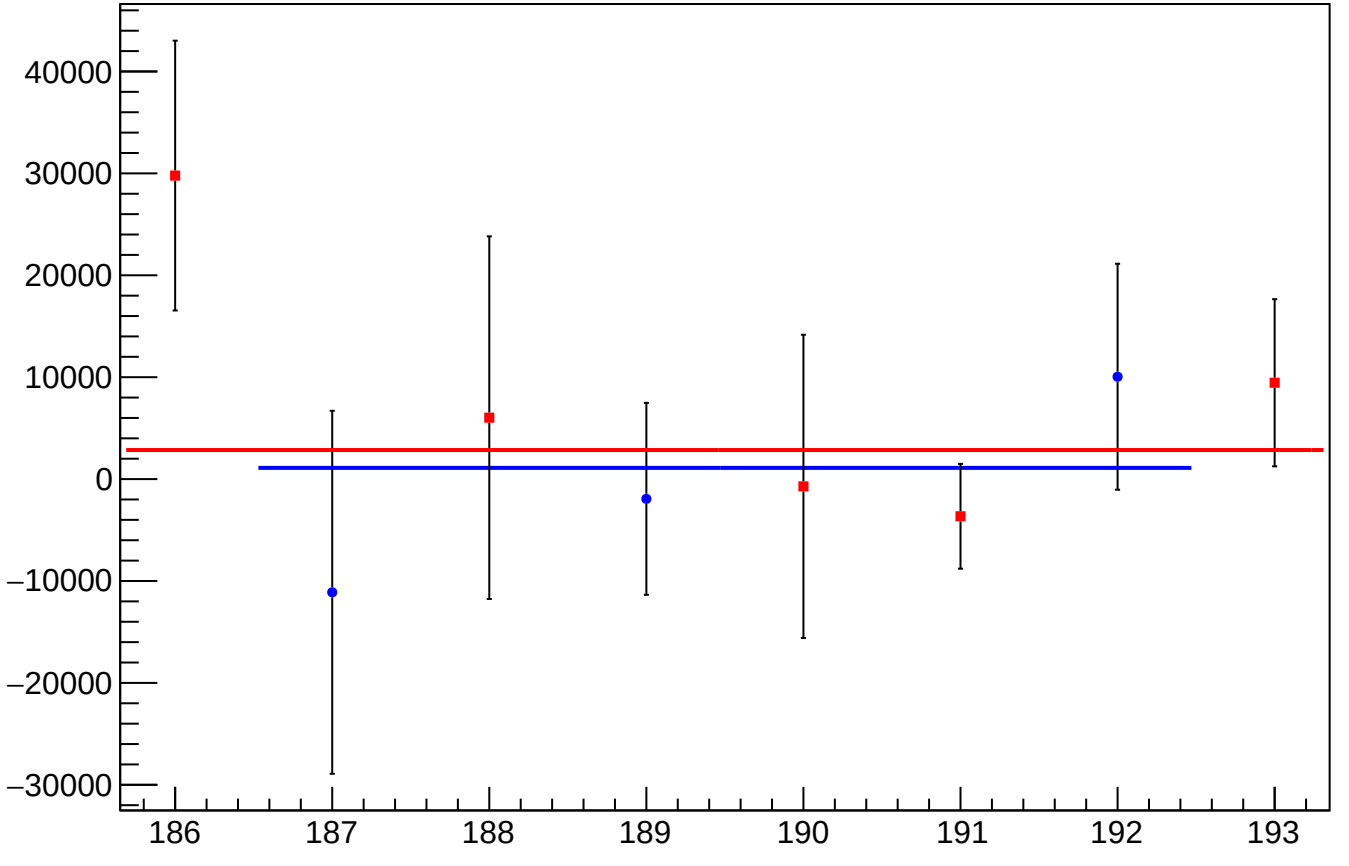
Right: 18.917+/-0.026 χ^2/NDF: 5118037.9/7

In: 6063.223+/-4.265 χ^2/NDF:32873.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.917+/-0.026 χ^2/NDF: 5118037.9/7

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1100.761+/-6657.752 χ^2/NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2852.144+/-3890.840 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

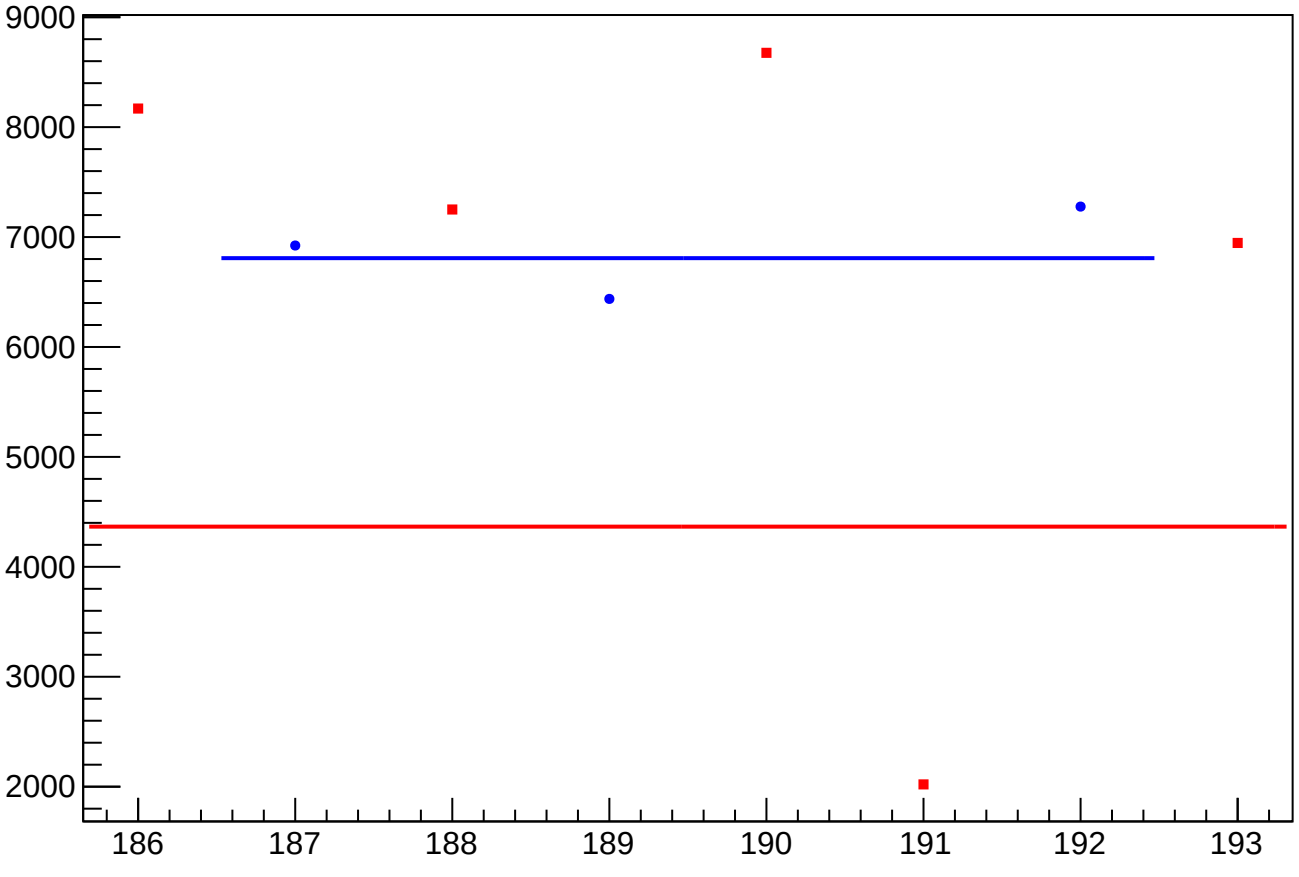
Right: 2406.270+/-3359.254 χ^2/NDF: 7.8/7

In: 1100.761+/-6657.752 χ^2/NDF:1.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2406.270+/-3359.254 χ^2/NDF: 7.8/7

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6808.056+/-4.708 χ^2/NDF: 6761.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4365.695+/-2.751 χ^2/NDF: 999310.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

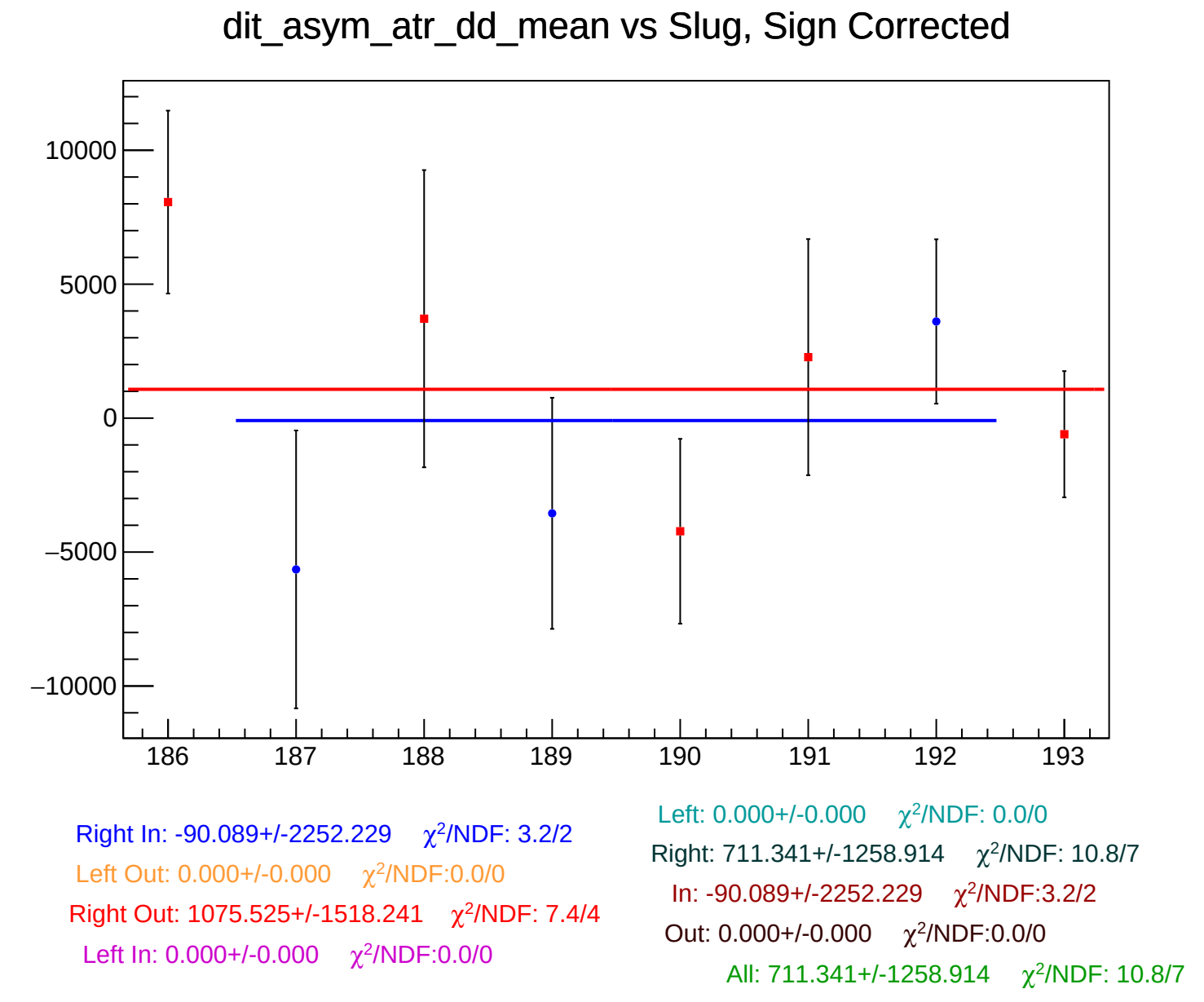
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4987.476+/-2.375 χ^2/NDF: 1206701.9/7

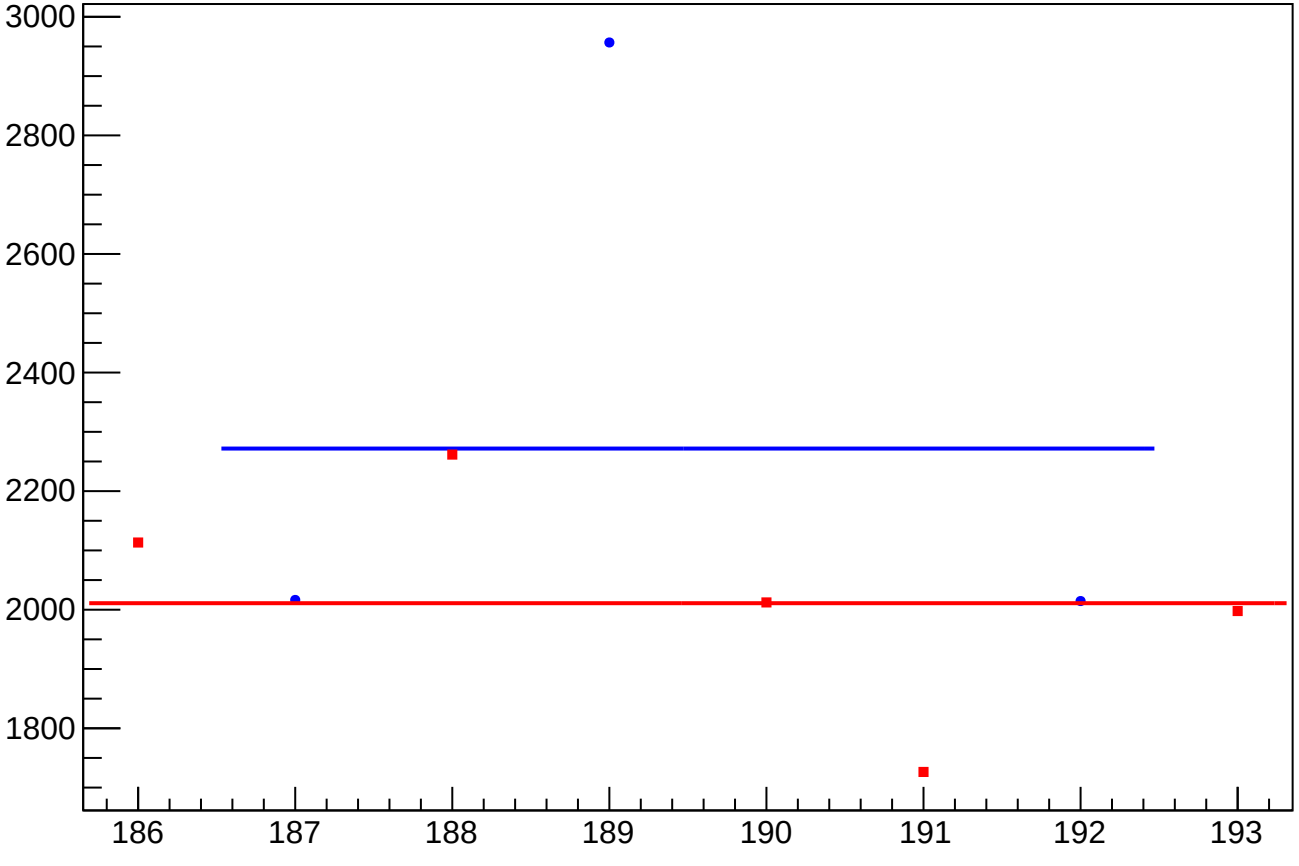
In: 6808.056+/-4.708 χ^2/NDF:6761.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4987.476+/-2.375 χ^2/NDF: 1206701.9/7


dit_asym_atr_dd_mean vs Slug, Sign Corrected
10000
5000
0
−5000
−10000
186
187
188
189
190
191
192
193
Right In: -90.089+/-2252.229 χ²/NDF: 3.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1075.525+/-1518.241 χ²/NDF: 7.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 711.341+/-1258.914 χ²/NDF: 10.8/7
In: -90.089+/-2252.229 χ²/NDF:3.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 711.341+/-1258.914 χ²/NDF: 10.8/7

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2271.810+/-1.593 χ^2/NDF: 69322.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2010.988+/-1.074 χ^2/NDF: 14284.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

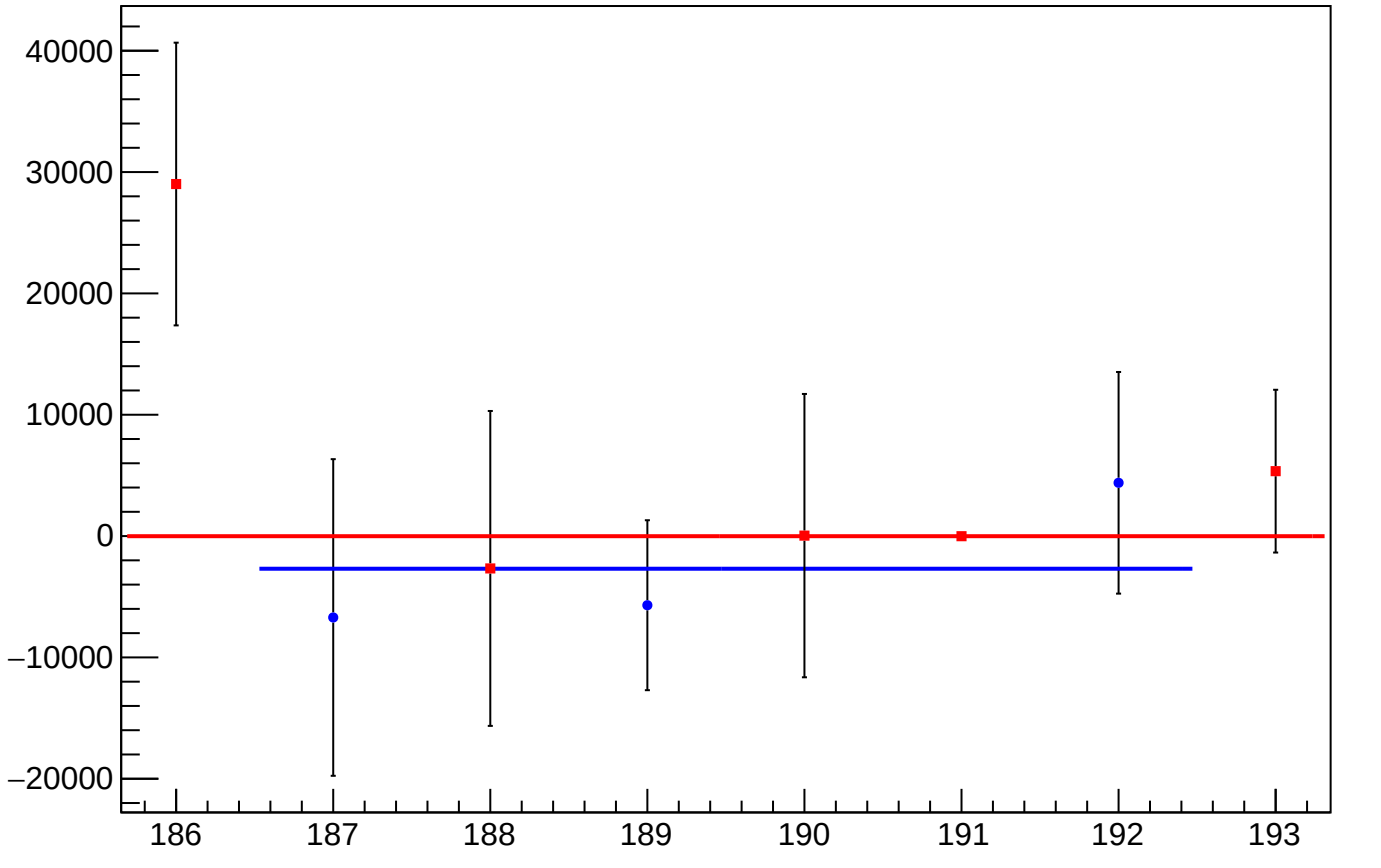
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2092.479+/-0.890 χ^2/NDF: 102048.2/7

In: 2271.810+/-1.593 χ^2/NDF:69322.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2092.479+/-0.890 χ^2/NDF: 102048.2/7



Right In: -2691.506+/-5113.116 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.206+/-42.306 χ^2/NDF: 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

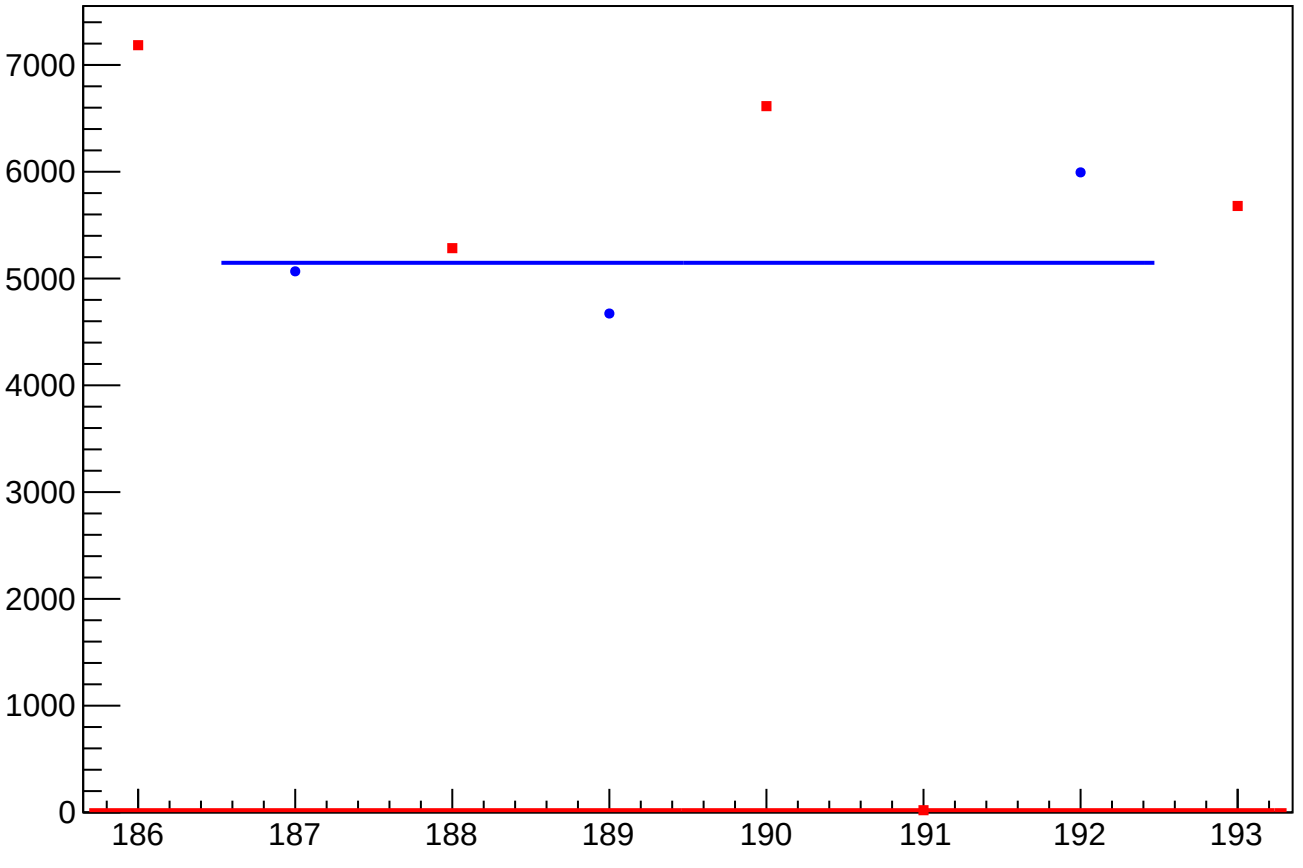
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -10.390+/-42.304 χ^2/NDF: 8.0/7

In: -2691.506+/-5113.116 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.390+/-42.304 χ^2/NDF: 8.0/7



Right In: 5147.295+/-3.616 χ^2/NDF: 26465.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 21.455+/-0.030 χ^2/NDF: 3146140.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

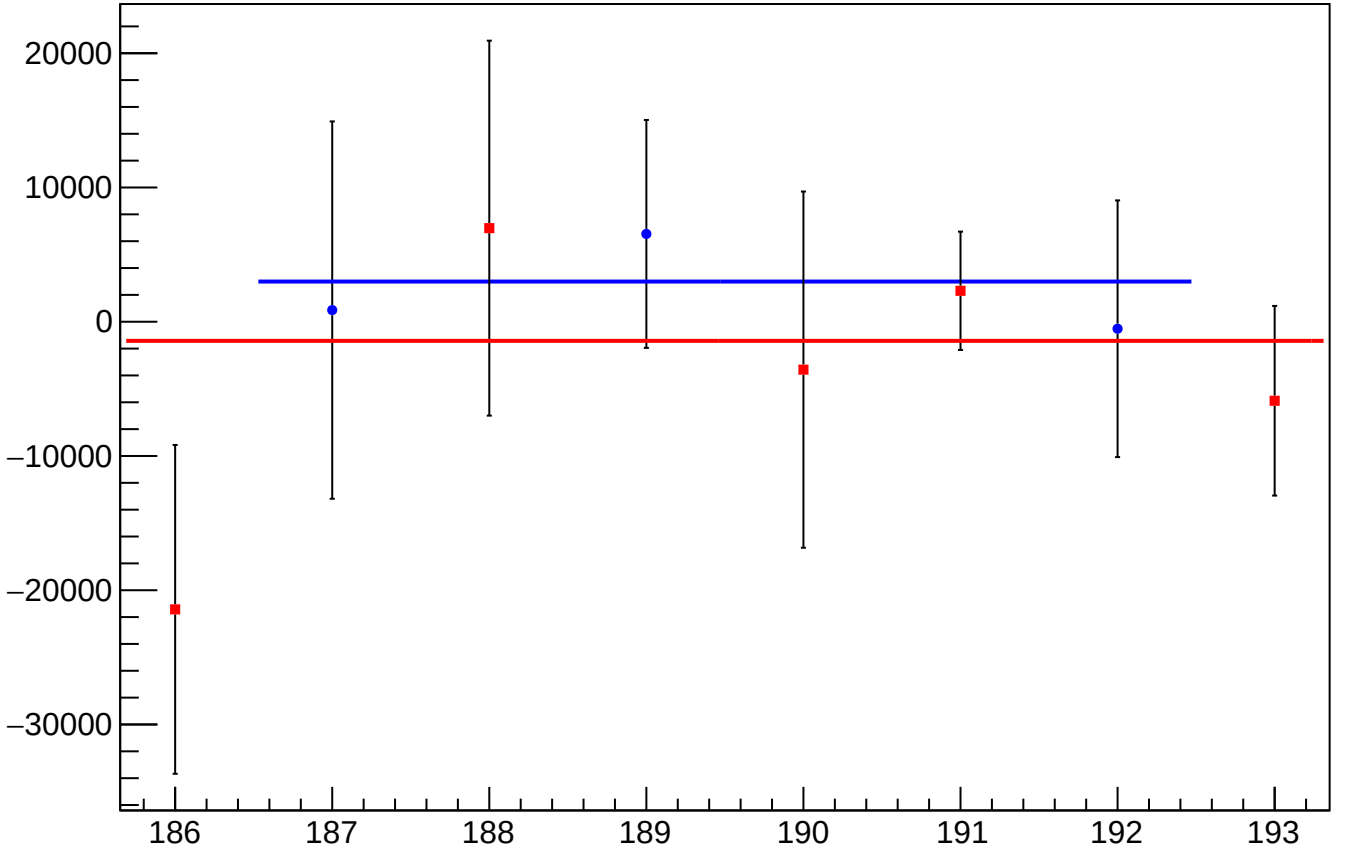
Right: 21.806+/-0.030 χ^2/NDF: 5182435.4/7

In: 5147.295+/-3.616 χ^2/NDF:26465.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.806+/-0.030 χ^2/NDF: 5182435.4/7

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 2993.593+/-5784.984 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1424.066+/-3351.802 χ^2/NDF: 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

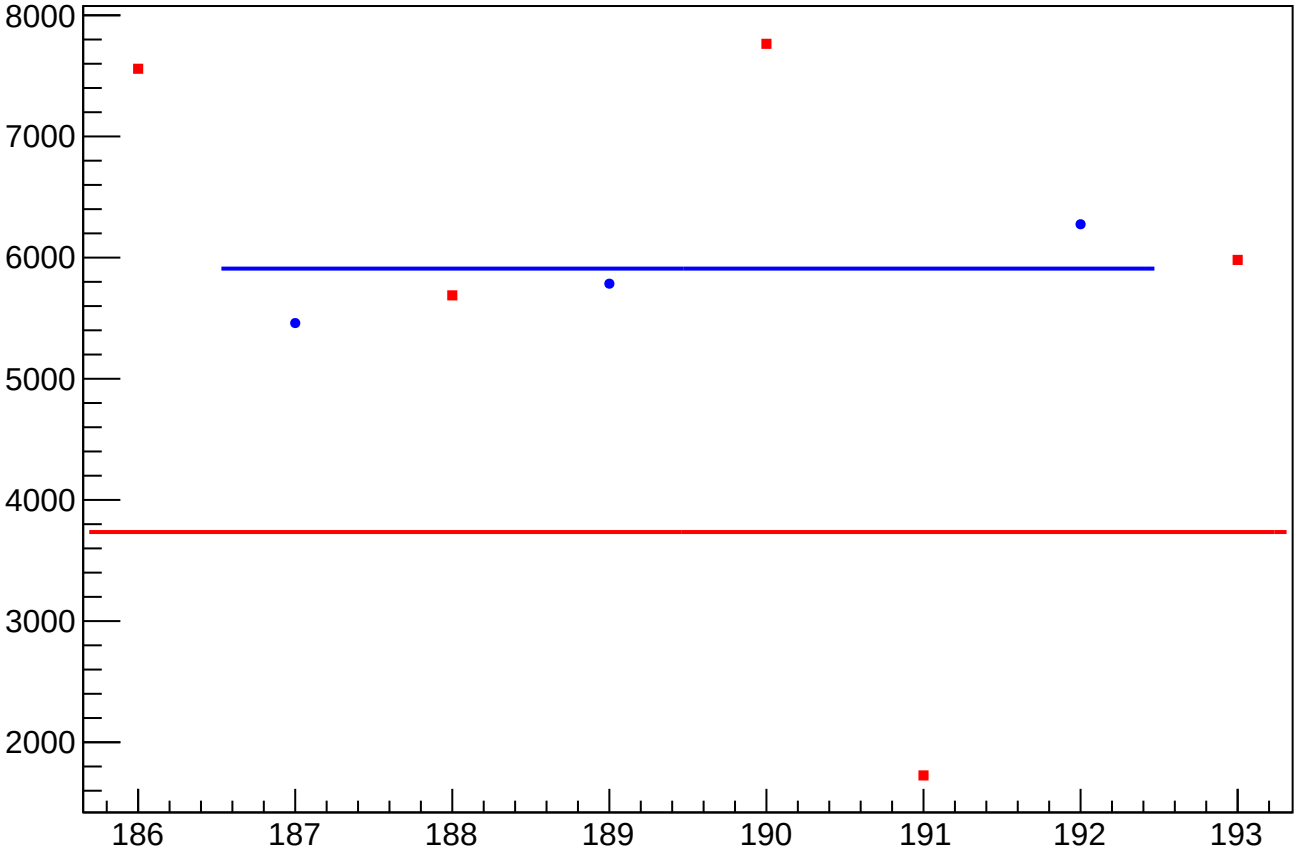
Right: -313.778+/-2900.172 χ^2/NDF: 4.9/7

In: 2993.593+/-5784.984 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -313.778+/-2900.172 χ^2/NDF: 4.9/7

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5909.297+/-4.091 χ^2/NDF: 5407.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3735.042+/-2.370 χ^2/NDF: 1036296.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

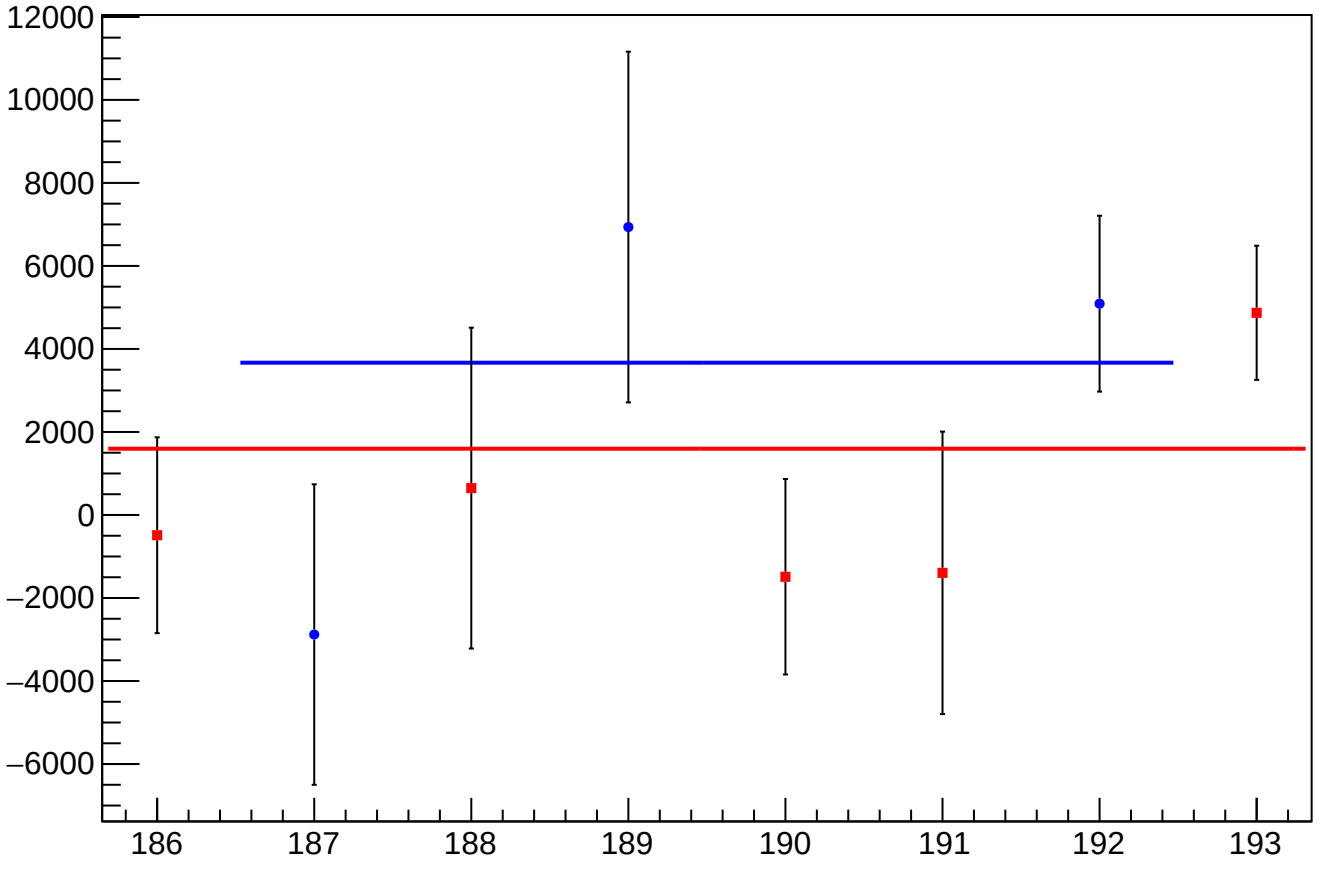
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4281.493+/-2.051 χ^2/NDF: 1253217.9/7

In: 5909.297+/-4.091 χ^2/NDF:5407.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4281.493+/-2.051 χ^2/NDF: 1253217.9/7



Right In: 3668.638+/-1678.004 χ^2/NDF: 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1597.109+/-1056.306 χ^2/NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

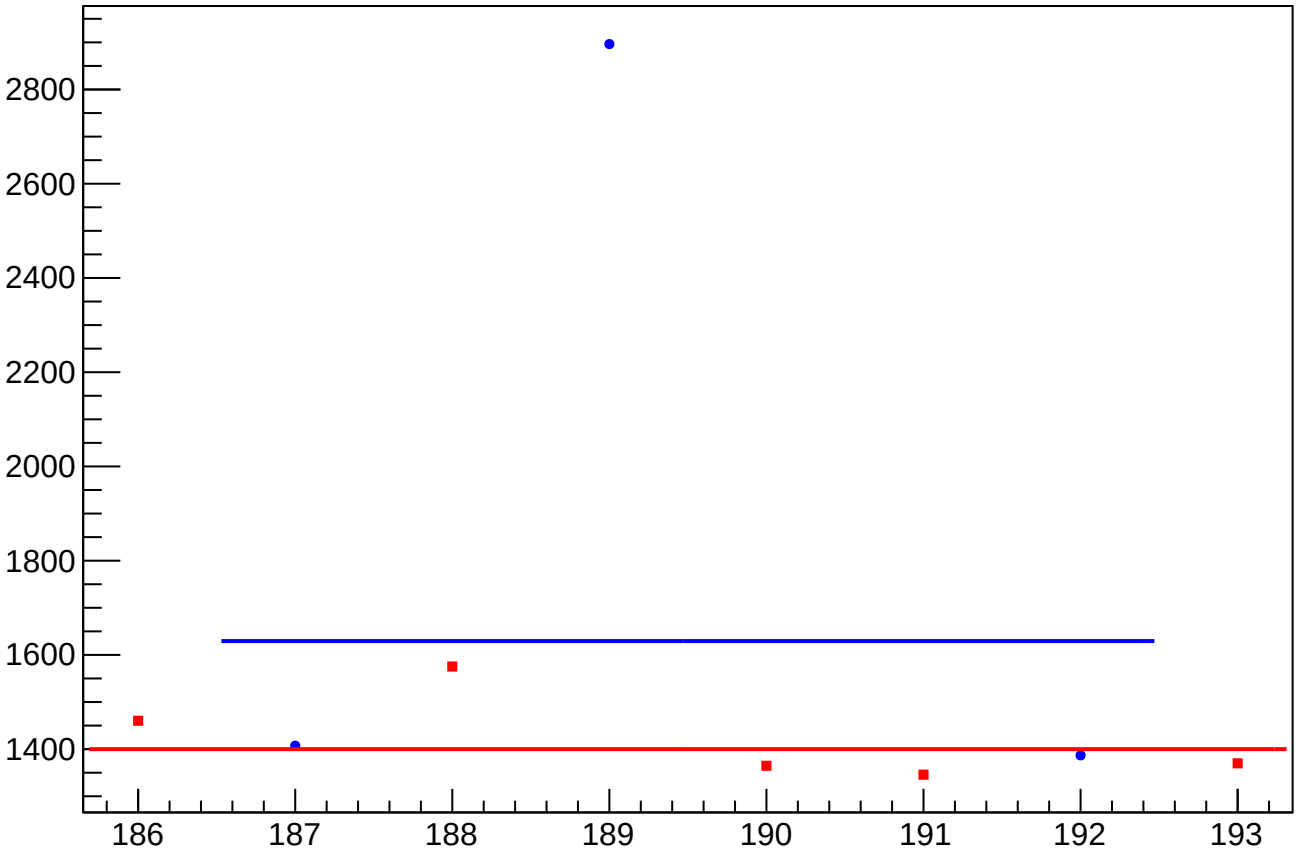
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

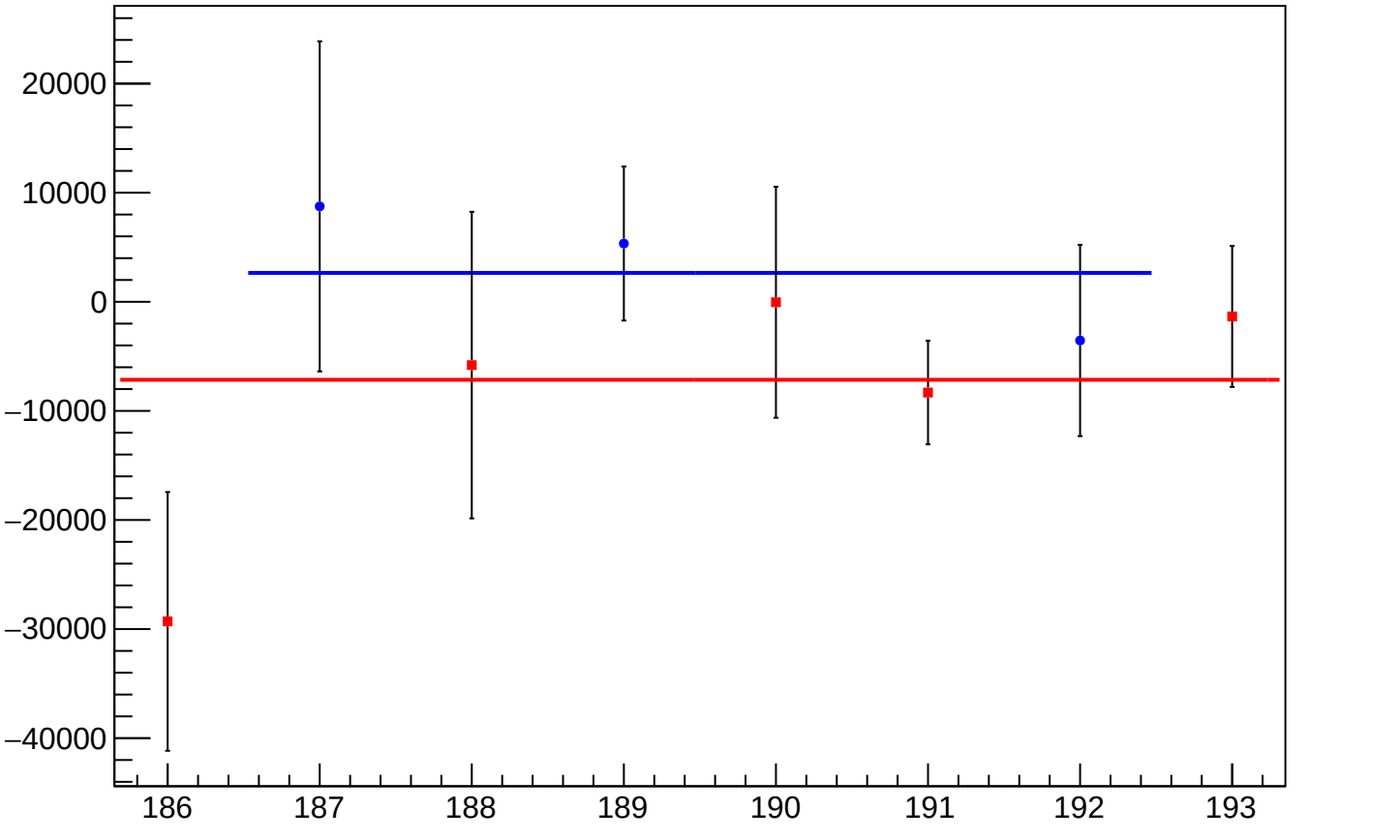
Right: 2185.024+/-893.933 χ^2/NDF: 12.8/7

In: 3668.638+/-1678.004 χ^2/NDF:4.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2185.024+/-893.933 χ^2/NDF: 12.8/7


dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected
2800
2600
2400
2200
2000
1800
1600
1400
186
187
188
189
190
191
192
193
Right In: 1629.366+/-1.187 χ²/NDF: 213604.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1400.031+/-0.747 χ²/NDF: 7070.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1465.118+/-0.632 χ²/NDF: 247430.8/7
In: 1629.366+/-1.187 χ²/NDF:213604.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1465.118+/-0.632 χ²/NDF: 247430.8/7



Right In: 2650.548+/-5168.366 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7149.523+/-3343.338 χ^2/NDF: 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

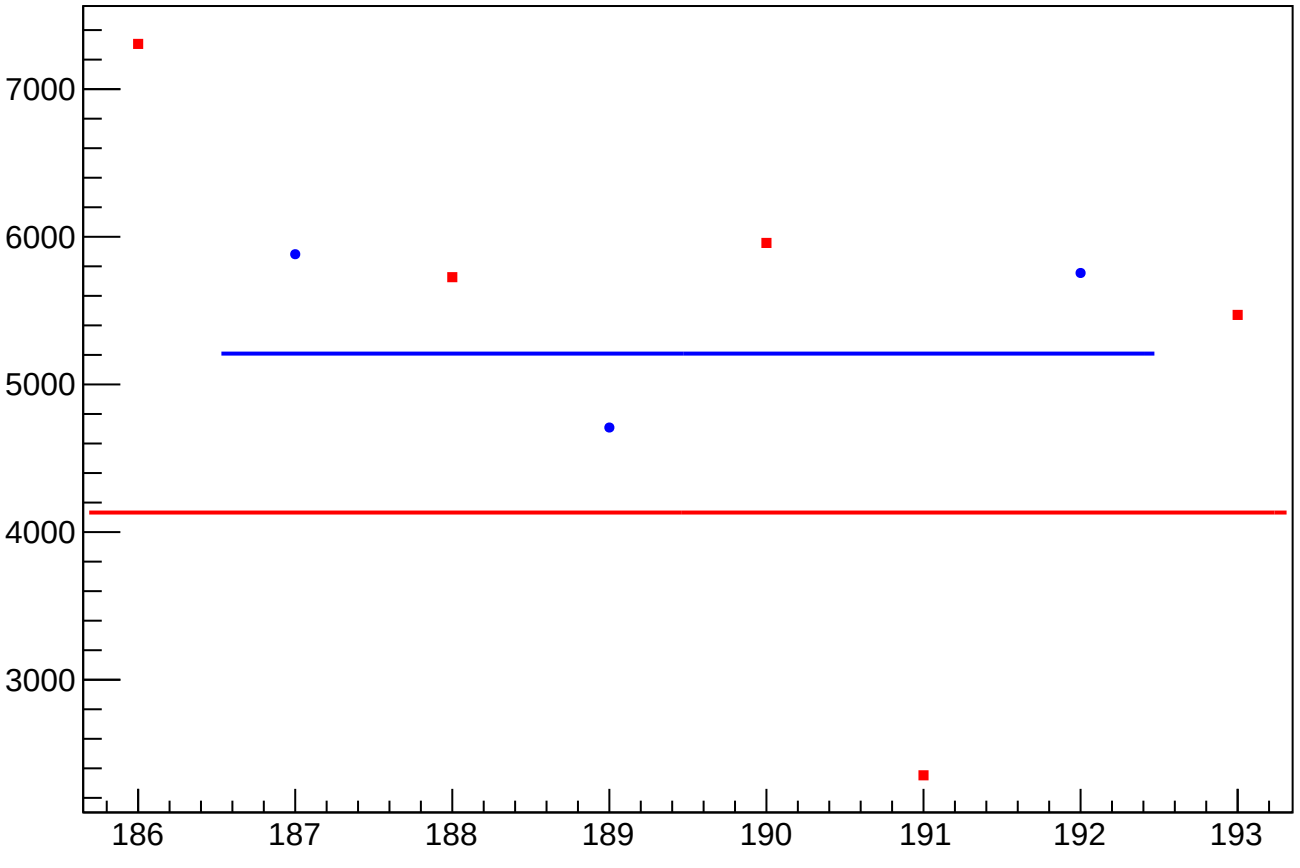
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4258.403+/-2807.189 χ^2/NDF: 8.2/7

In: 2650.548+/-5168.366 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4258.403+/-2807.189 χ^2/NDF: 8.2/7



Right In: 5208.912+/-3.655 χ^2/NDF: 21774.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4132.452+/-2.364 χ^2/NDF: 595606.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

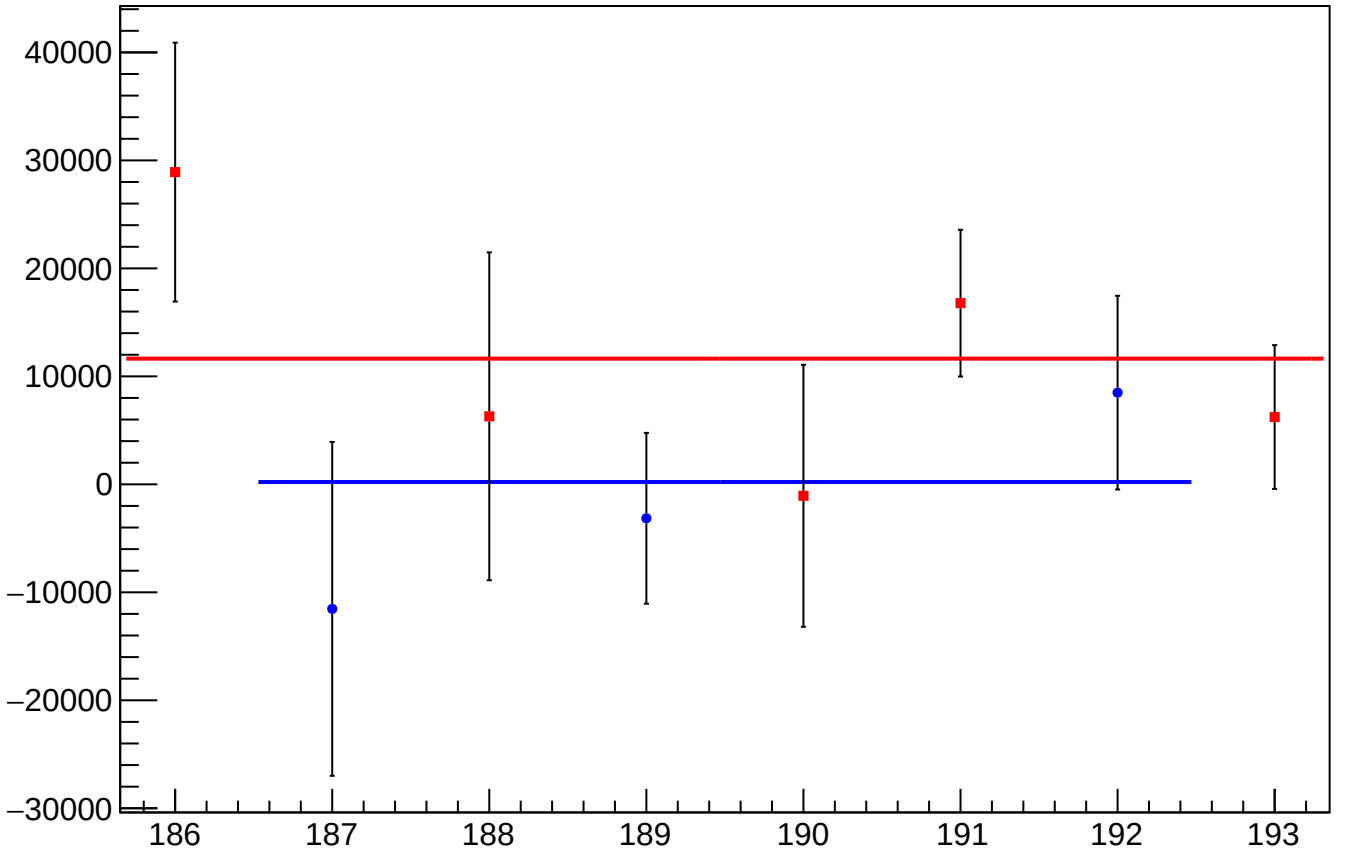
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4450.019+/-1.985 χ^2/NDF: 678545.6/7

In: 5208.912+/-3.655 χ^2/NDF:21774.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4450.019+/-1.985 χ^2/NDF: 678545.6/7



Right In: 213.783+/-5538.861 χ^2/NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11640.917+/-4005.424 χ^2/NDF: 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

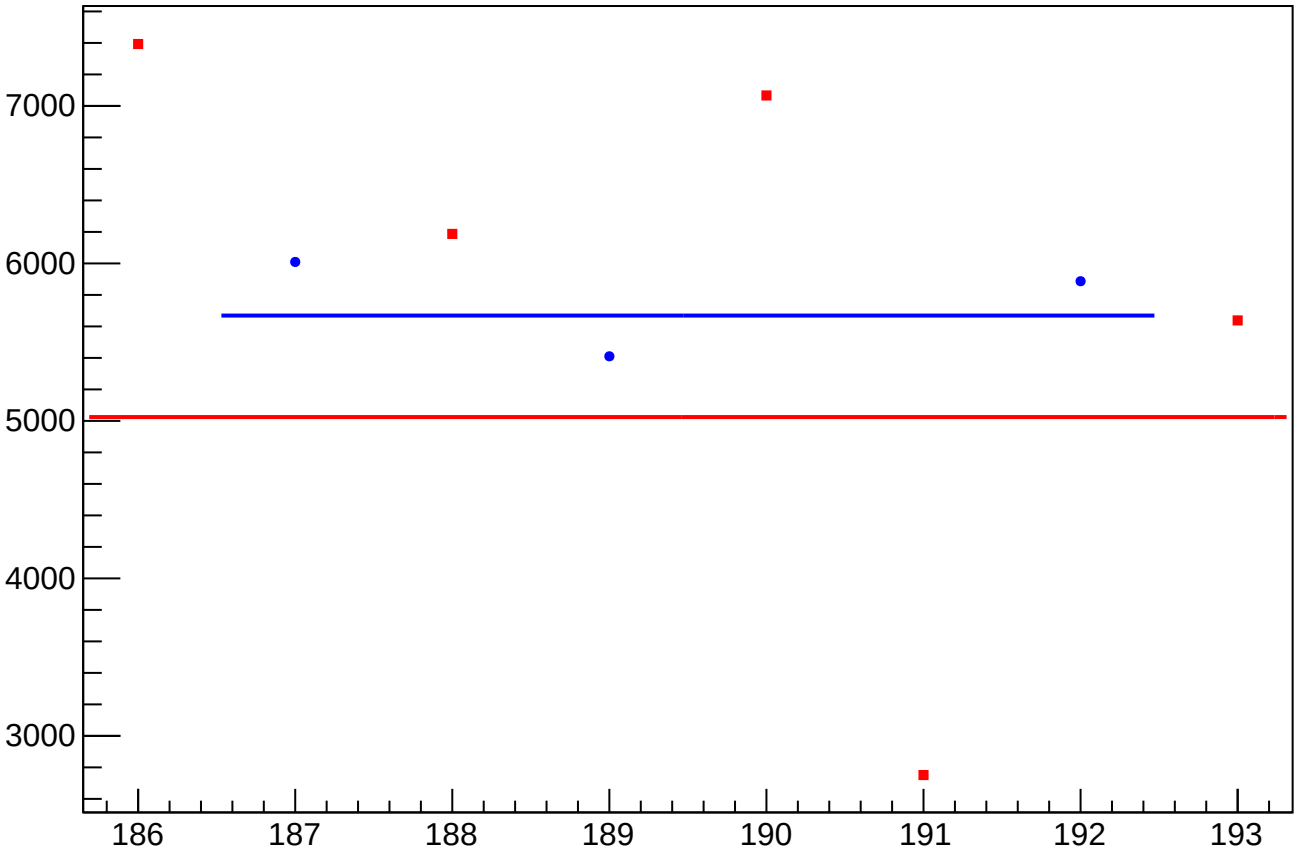
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7717.096+/-3245.685 χ^2/NDF: 8.9/7

In: 213.783+/-5538.861 χ^2/NDF:1.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7717.096+/-3245.685 χ^2/NDF: 8.9/7



Right In: 5668.922+/-3.917 χ^2/NDF: 4291.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5024.411+/-2.832 χ^2/NDF: 387424.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

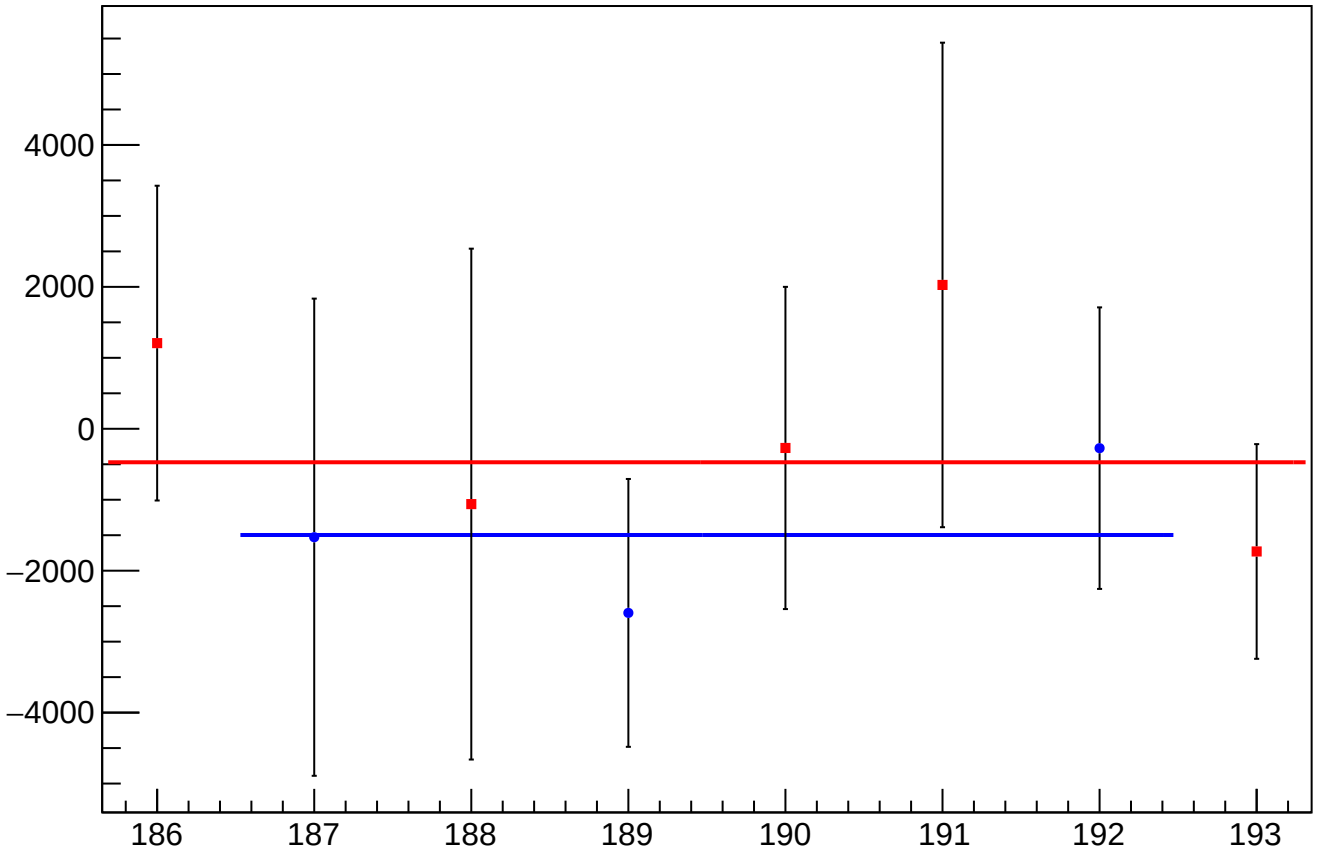
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5245.720+/-2.295 χ^2/NDF: 409496.8/7

In: 5668.922+/-3.917 χ^2/NDF:4291.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5245.720+/-2.295 χ^2/NDF: 409496.8/7



Right In: -1496.846+/-1266.756 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -471.943+/-1001.464 χ^2/NDF: 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

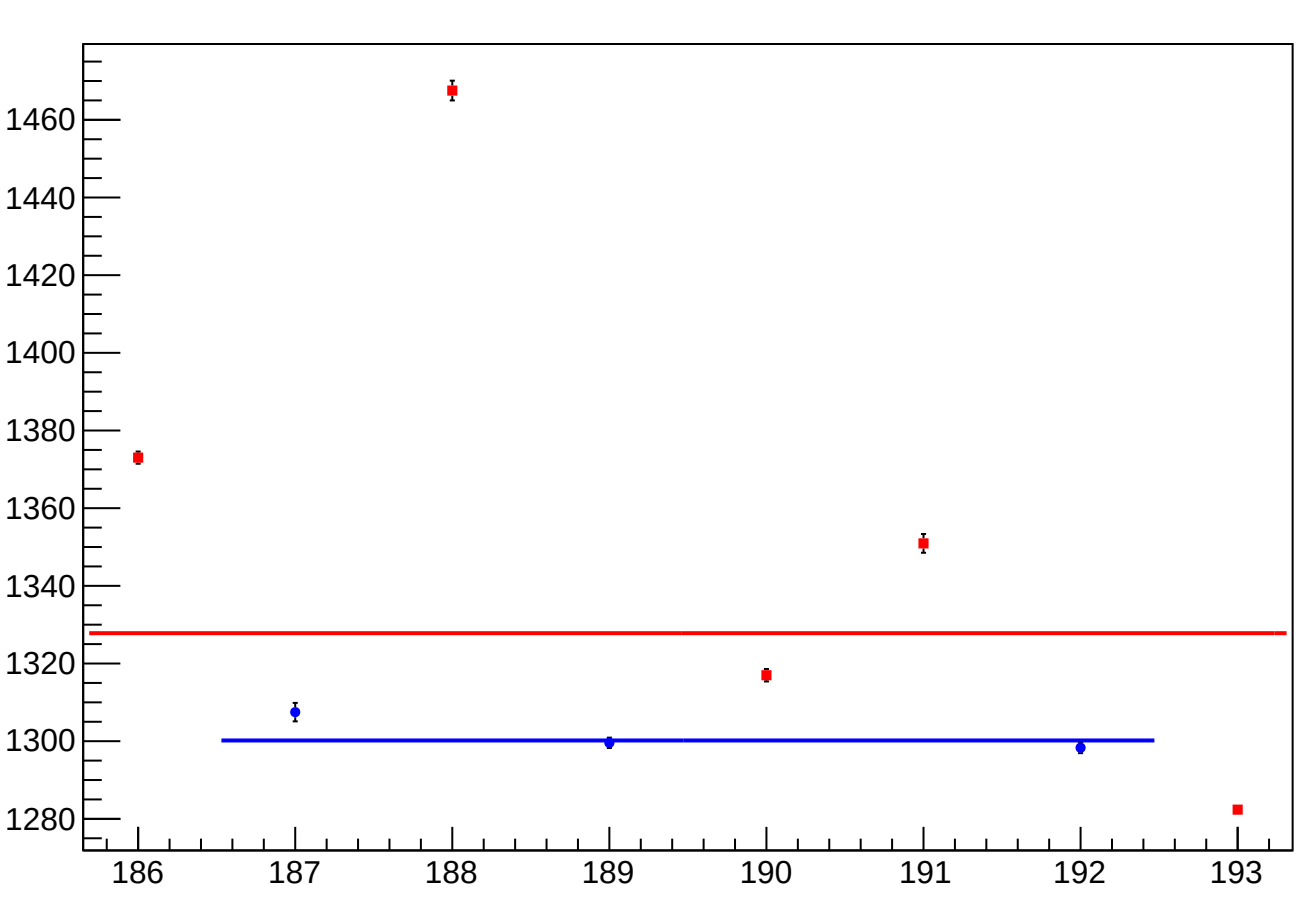
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -866.140+/-785.612 χ^2/NDF: 3.0/7

In: -1496.846+/-1266.756 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -866.140+/-785.612 χ^2/NDF: 3.0/7



Right In: 1300.185+/-0.896 χ^2/NDF: 11.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1327.811+/-0.708 χ^2/NDF: 5785.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

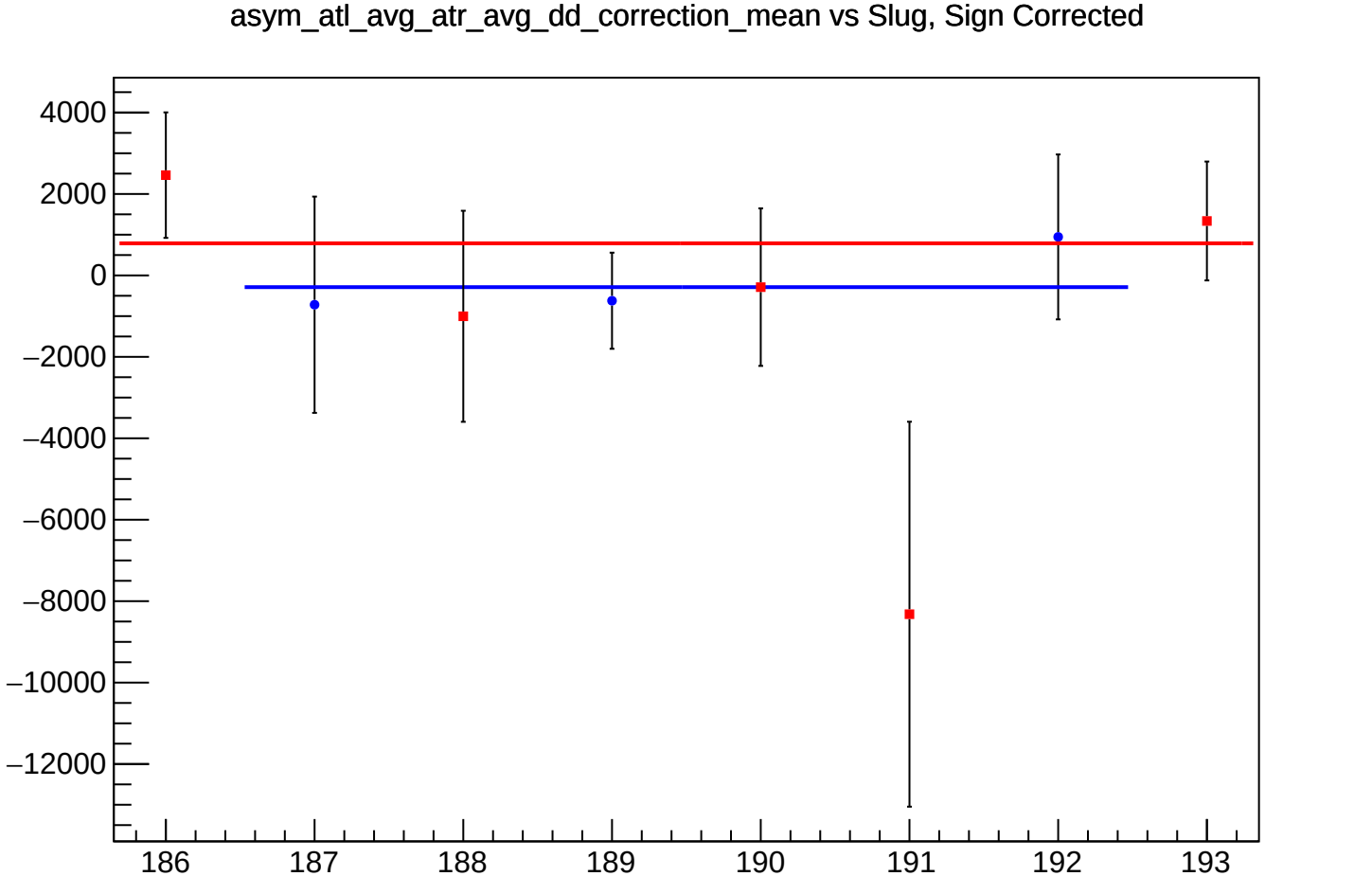
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1317.186+/-0.556 χ^2/NDF: 6381.8/7

In: 1300.185+/-0.896 χ^2/NDF:11.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1317.186+/-0.556 χ^2/NDF: 6381.8/7



Right In: -288.180+/-952.025 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 788.331+/-860.204 χ^2/NDF: 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

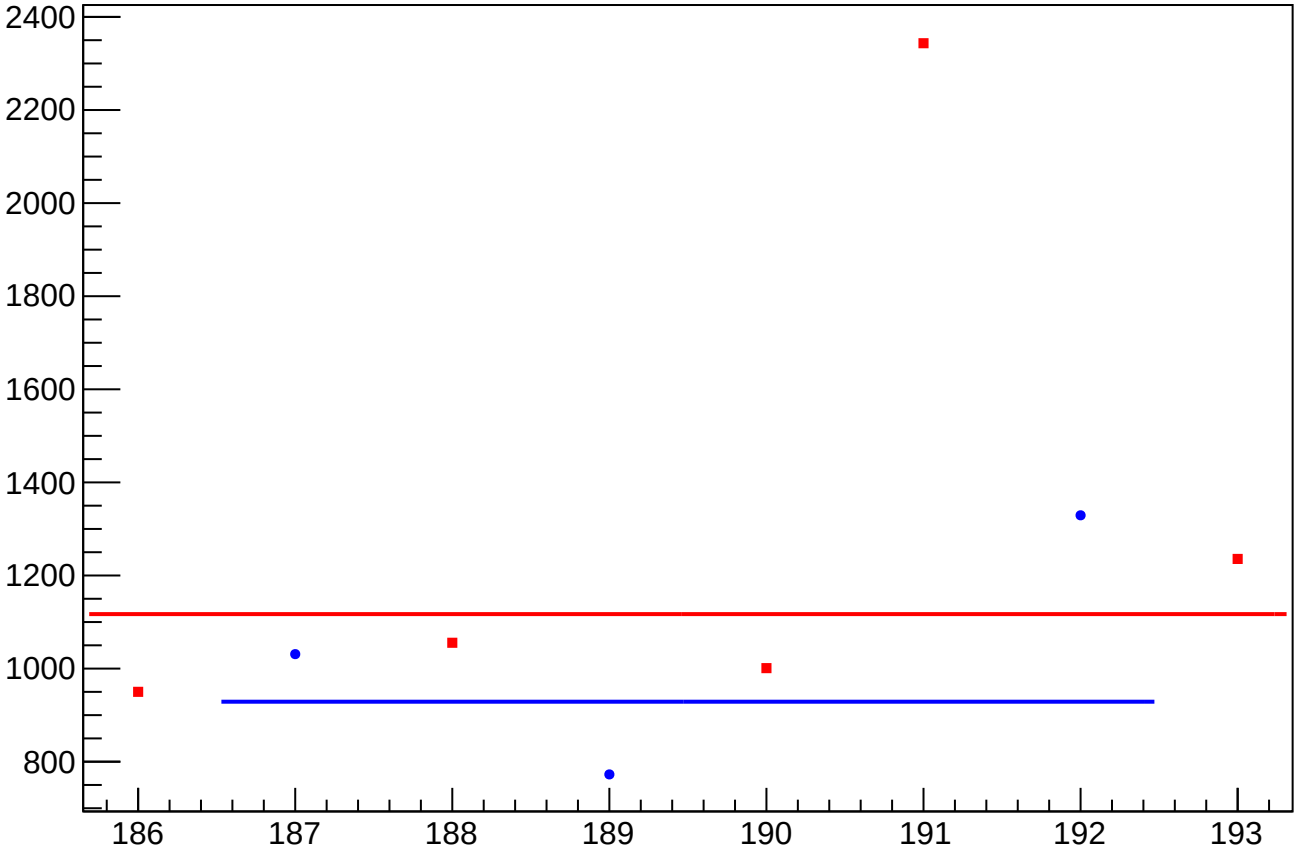
Right: 304.480+/-638.256 χ^2/NDF: 7.0/7

In: -288.180+/-952.025 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 304.480+/-638.256 χ^2/NDF: 7.0/7

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 928.864+/-0.673 χ^2/NDF: 116162.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1117.063+/-0.608 χ^2/NDF: 179629.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

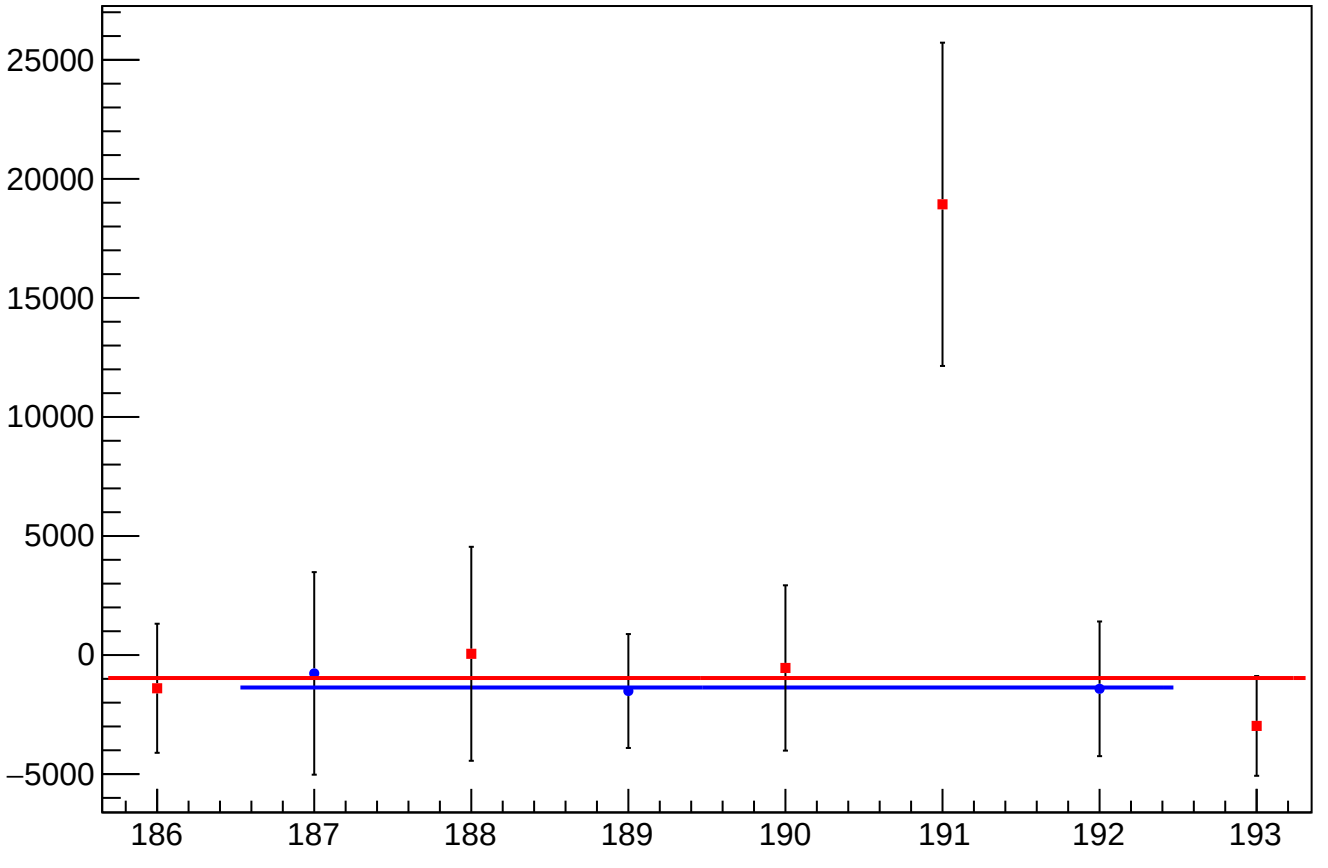
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1032.475+/-0.451 χ^2/NDF: 338820.4/7

In: 928.864+/-0.673 χ^2/NDF:116162.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1032.475+/-0.451 χ^2/NDF: 338820.4/7



Right In: -1363.165+/-1678.424 χ^2/NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -965.197+/-1389.260 χ^2/NDF: 9.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

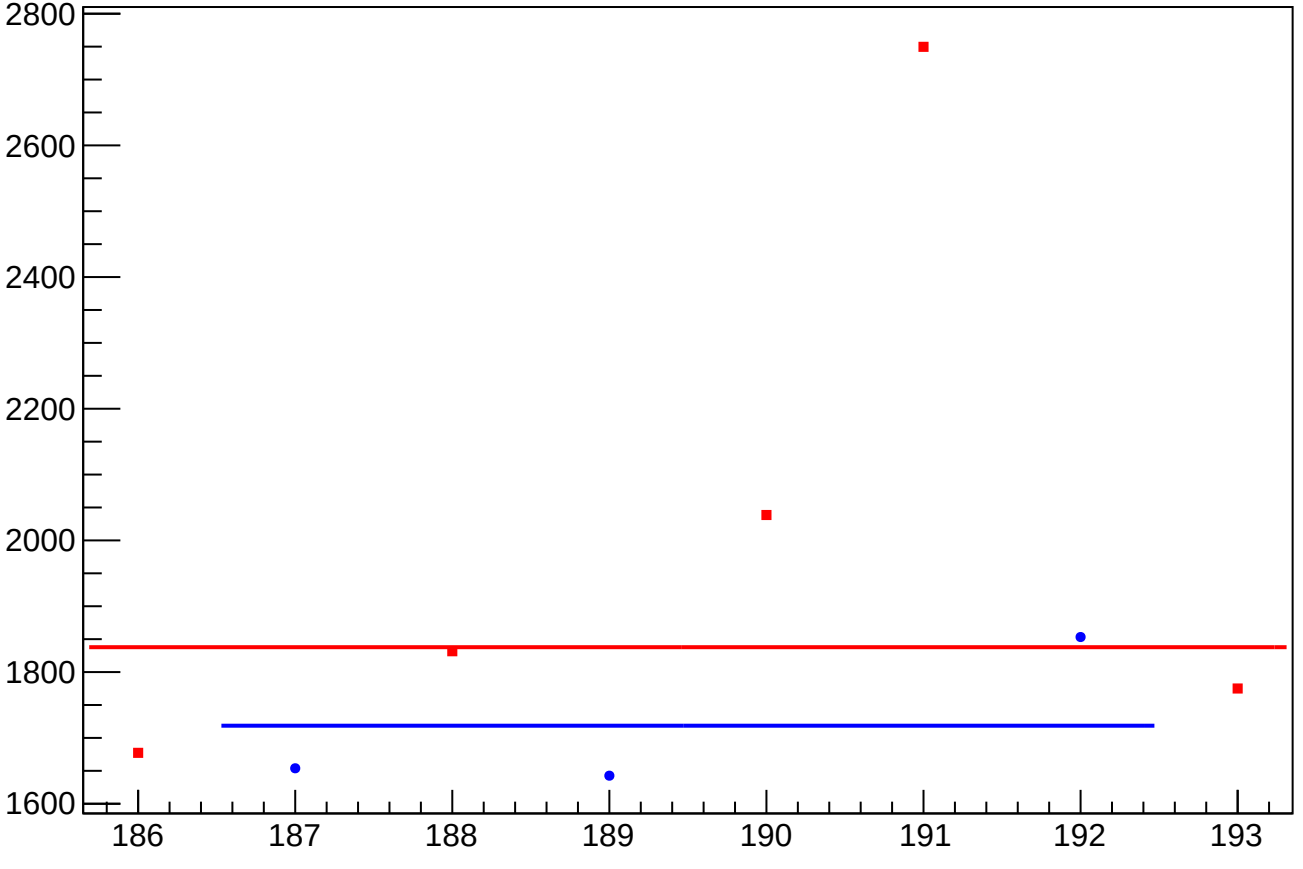
Right: -1126.998+/-1070.210 χ^2/NDF: 9.7/7

In: -1363.165+/-1678.424 χ^2/NDF:0.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1126.998+/-1070.210 χ^2/NDF: 9.7/7

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1718.548+/-1.187 χ^2/NDF: 7011.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1837.794+/-0.982 χ^2/NDF: 51573.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

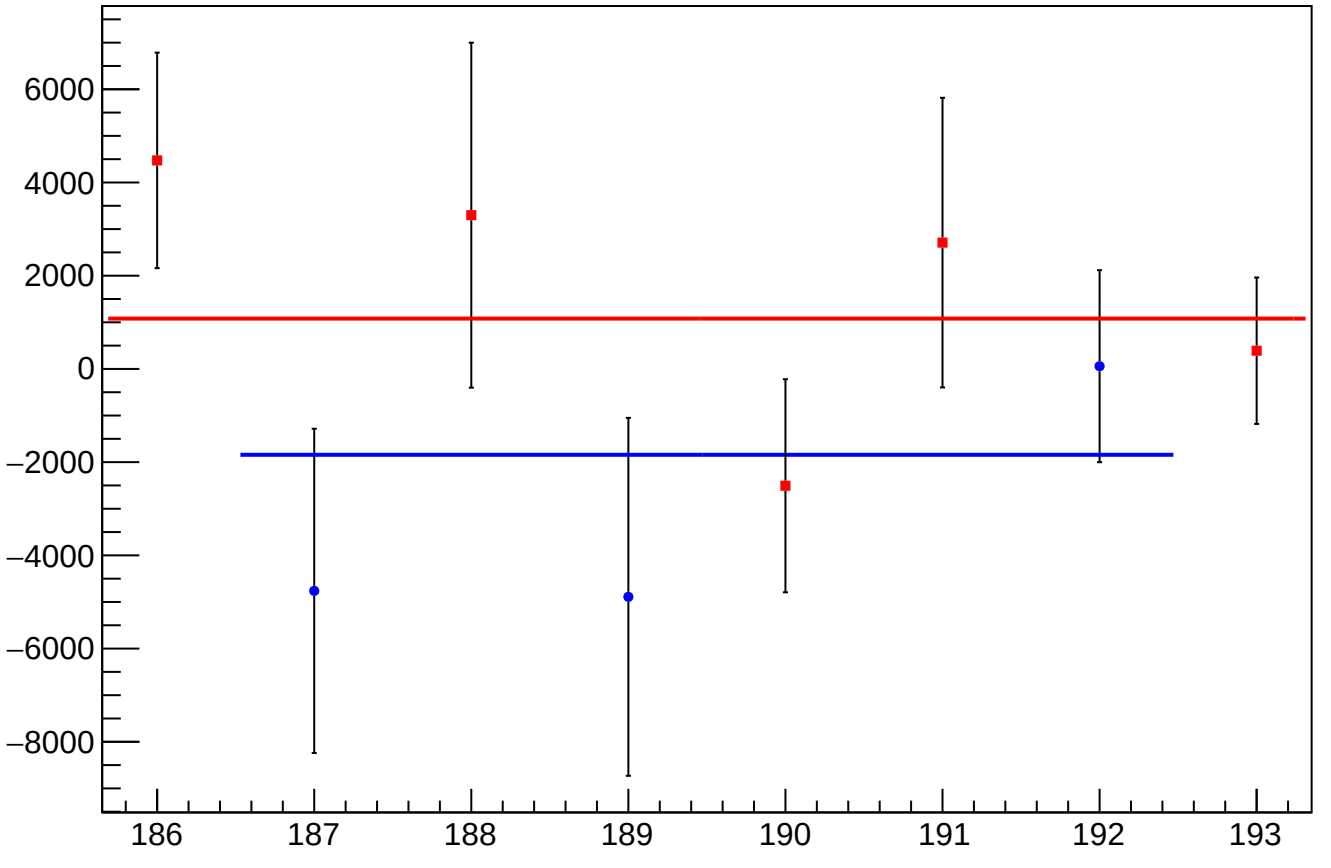
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1789.312+/-0.757 χ^2/NDF: 64575.6/7

In: 1718.548+/-1.187 χ^2/NDF:7011.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1789.312+/-0.757 χ^2/NDF: 64575.6/7



Right In: -1842.398+/-1609.286 χ^2/NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1079.969+/-1020.464 χ^2/NDF: 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

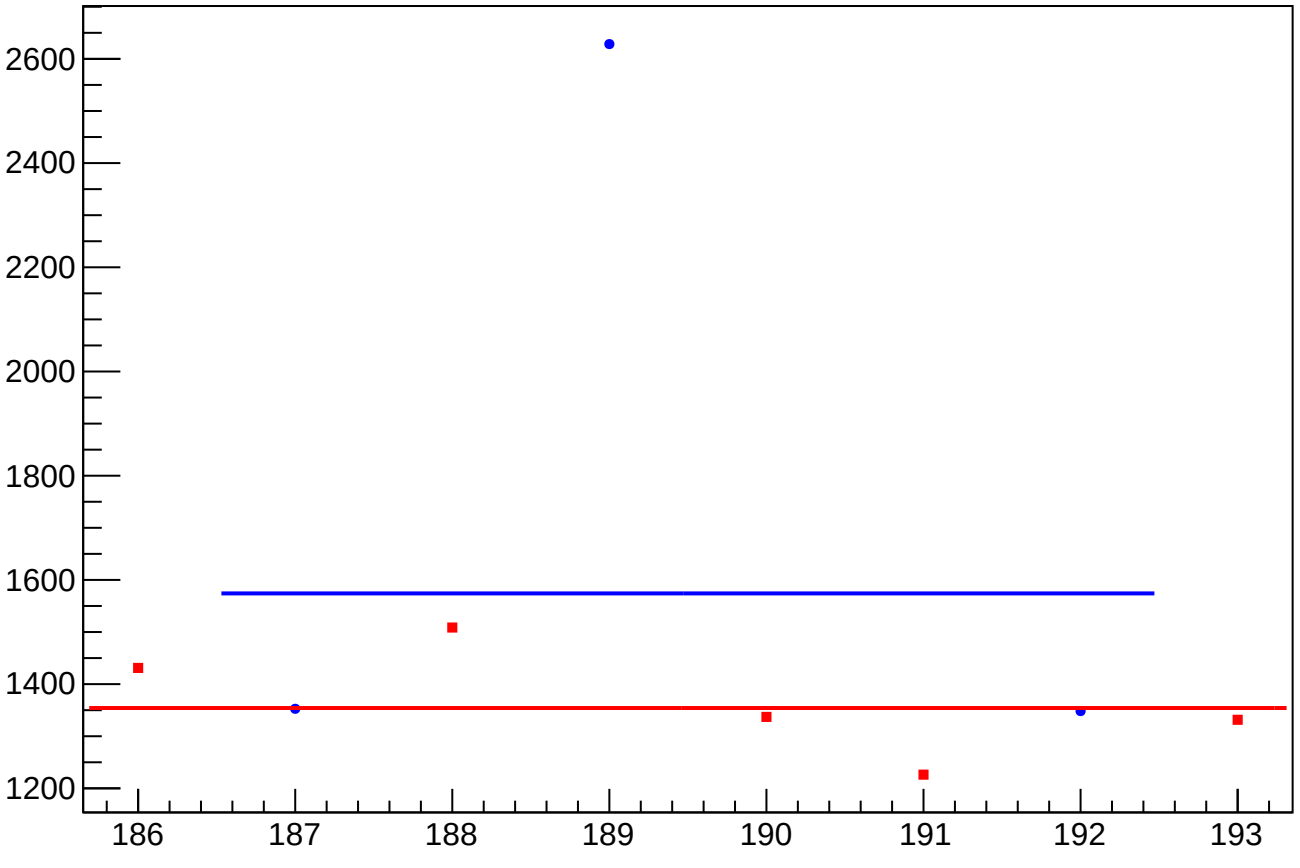
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

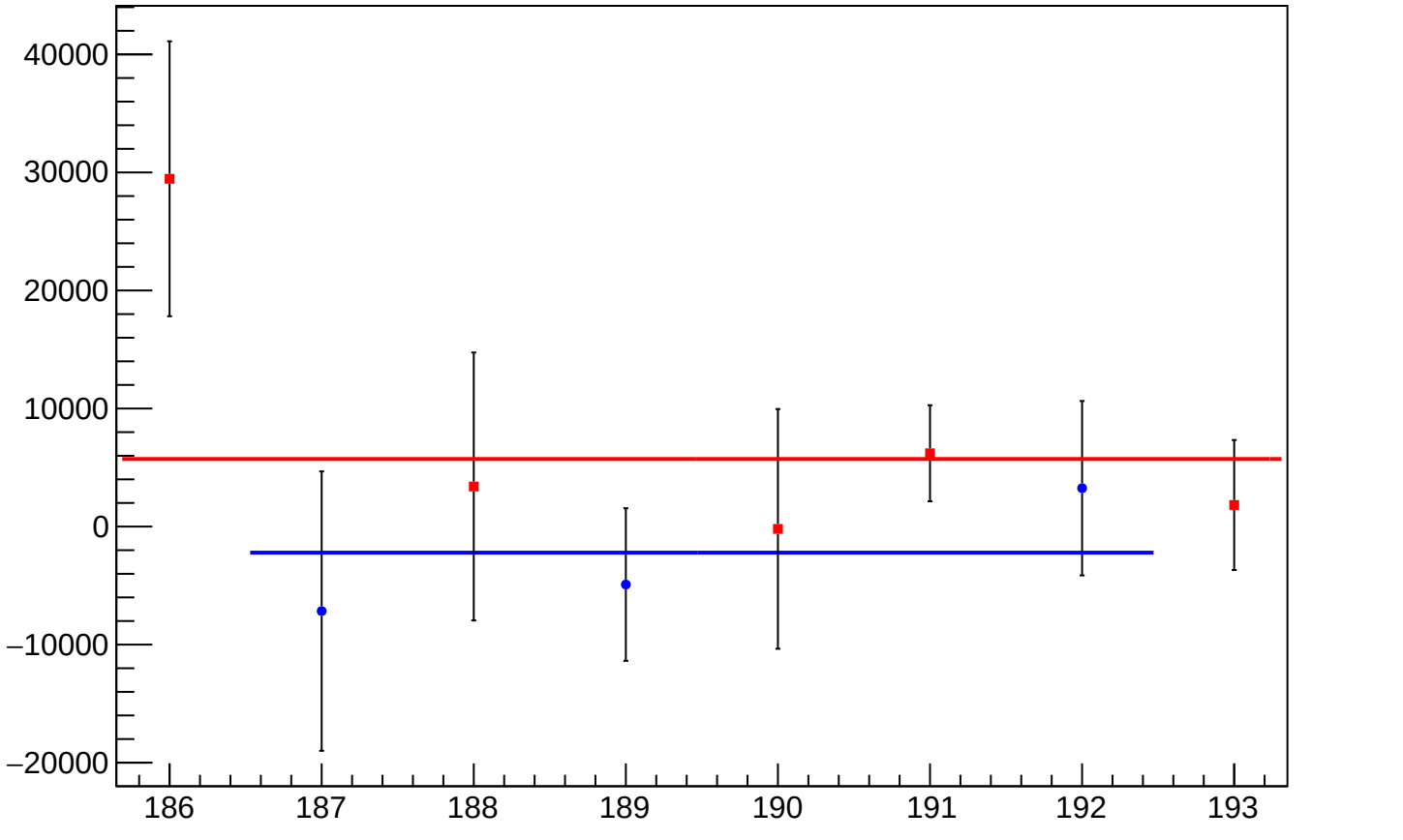
Right: 241.889+/-861.805 χ^2/NDF: 10.0/7

In: -1842.398+/-1609.286 χ^2/NDF:2.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 241.889+/-861.805 χ^2/NDF: 10.0/7


dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected
2600
2400
2200
2000
1800
1600
1400
1200
186
187
188
189
190
191
192
193
Right In: 1574.109+/-1.138 χ²/NDF: 182946.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1354.167+/-0.722 χ²/NDF: 9612.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1417.242+/-0.609 χ²/NDF: 219204.0/7
In: 1574.109+/-1.138 χ²/NDF:182946.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1417.242+/-0.609 χ²/NDF: 219204.0/7



Right In: -2208.364+/-4498.976 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5726.374+/-2909.202 χ^2/NDF: 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

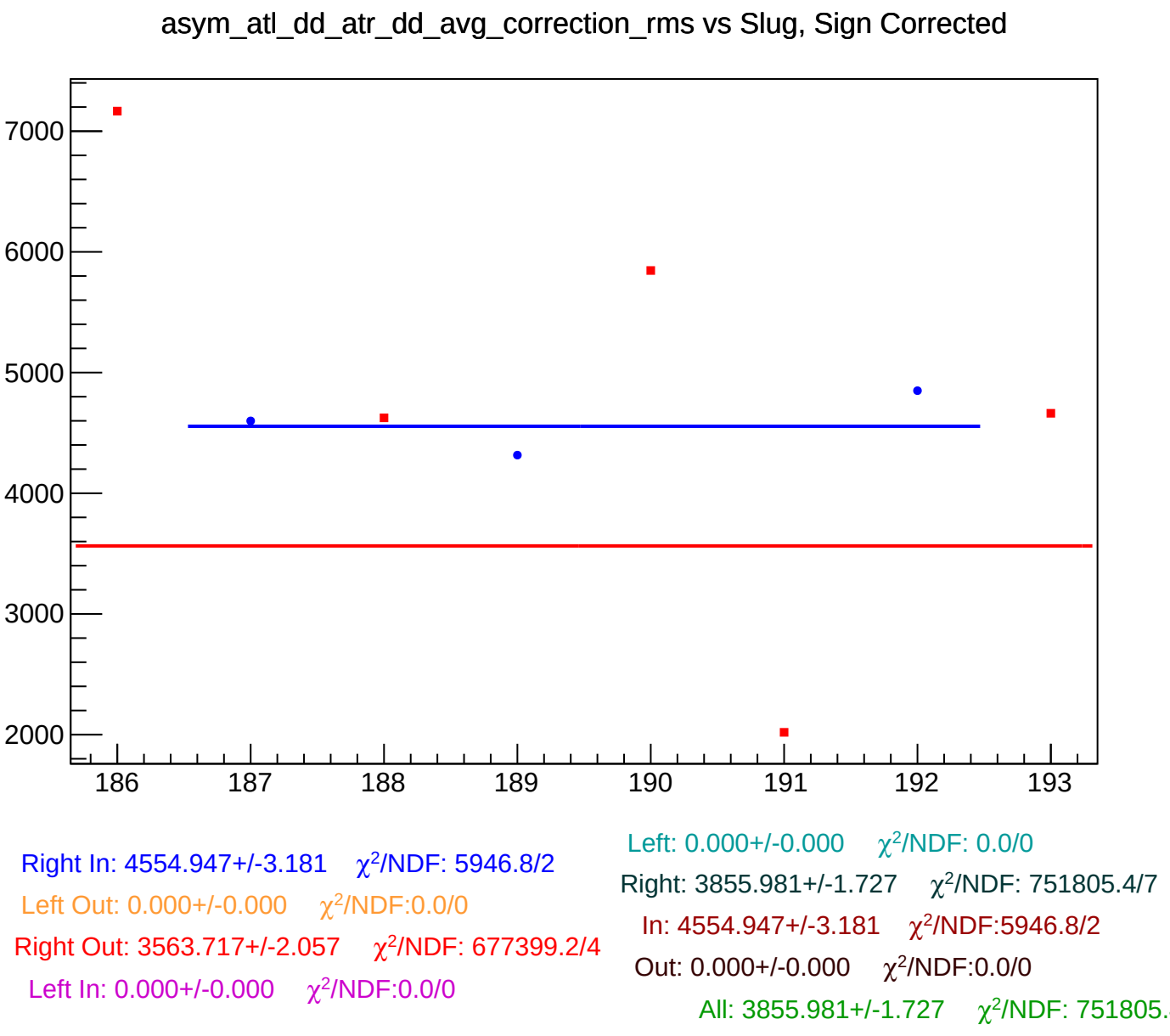
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

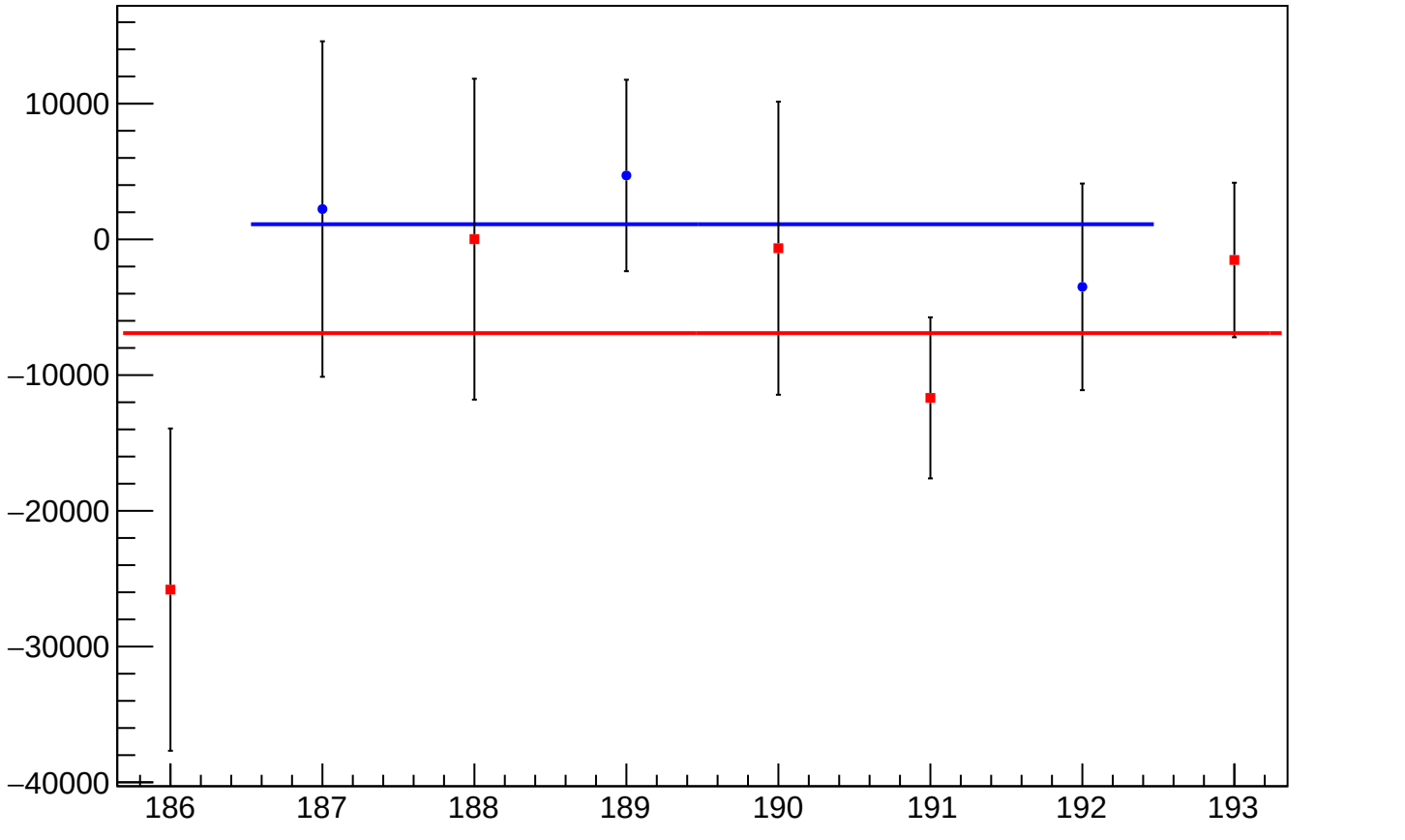
Right: 3386.813+/-2442.949 χ^2/NDF: 8.1/7

In: -2208.364+/-4498.976 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3386.813+/-2442.949 χ^2/NDF: 8.1/7


asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected
7000
6000
5000
4000
3000
2000
186
187
188
189
190
191
192
193
Right In: 4554.947+/-3.181 χ2/NDF: 5946.8/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 3563.717+/-2.057 χ2/NDF: 677399.2/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 3855.981+/-1.727 χ2/NDF: 751805.4/7
In: 4554.947+/-3.181 χ2/NDF:5946.8/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 3855.981+/-1.727 χ2/NDF: 751805.4/7



Right In: 1115.052+/-4771.958 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6906.220+/-3489.967 χ^2/NDF: 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

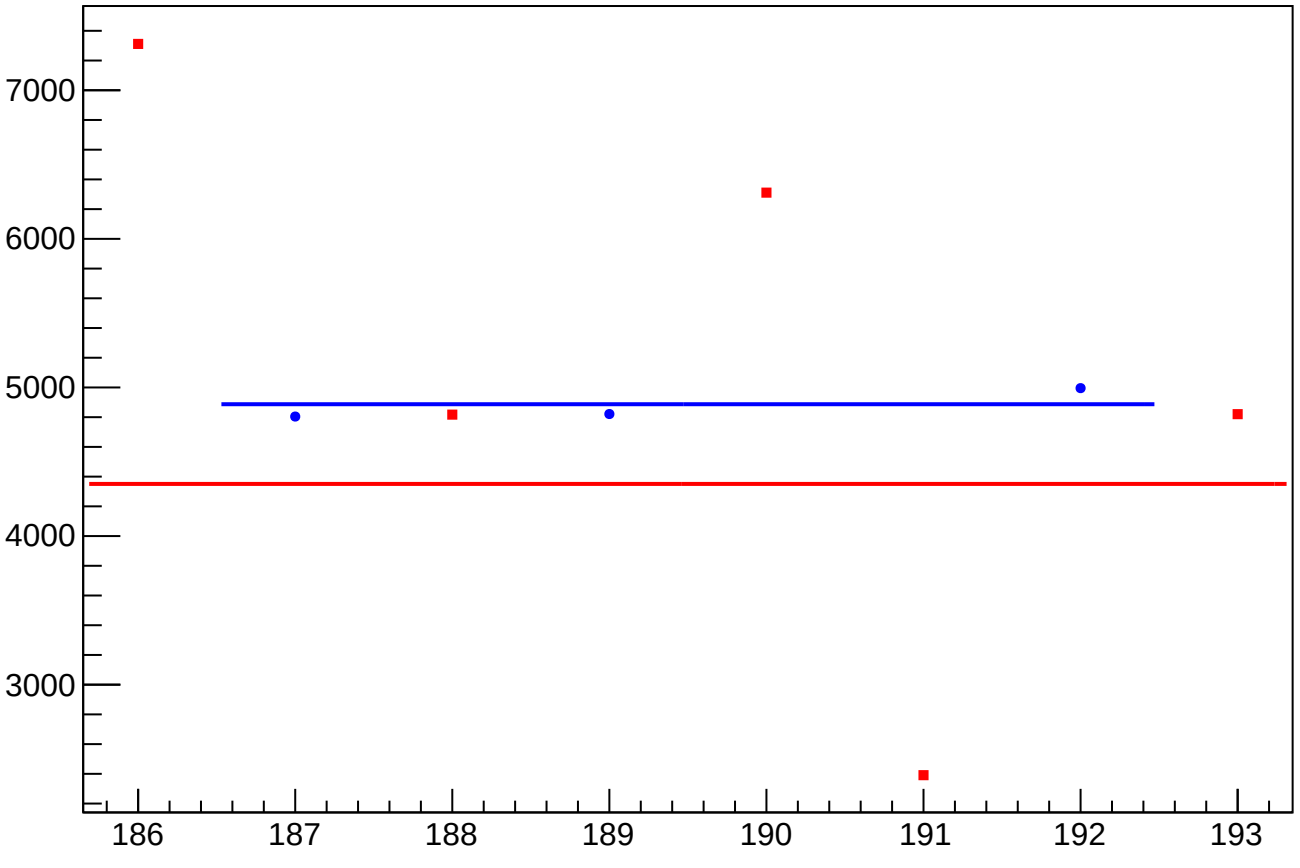
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4110.969+/-2816.990 χ^2/NDF: 7.2/7

In: 1115.052+/-4771.958 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4110.969+/-2816.990 χ^2/NDF: 7.2/7



Right In: 4887.215+/-3.374 χ^2/NDF: 669.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4350.893+/-2.468 χ^2/NDF: 425185.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

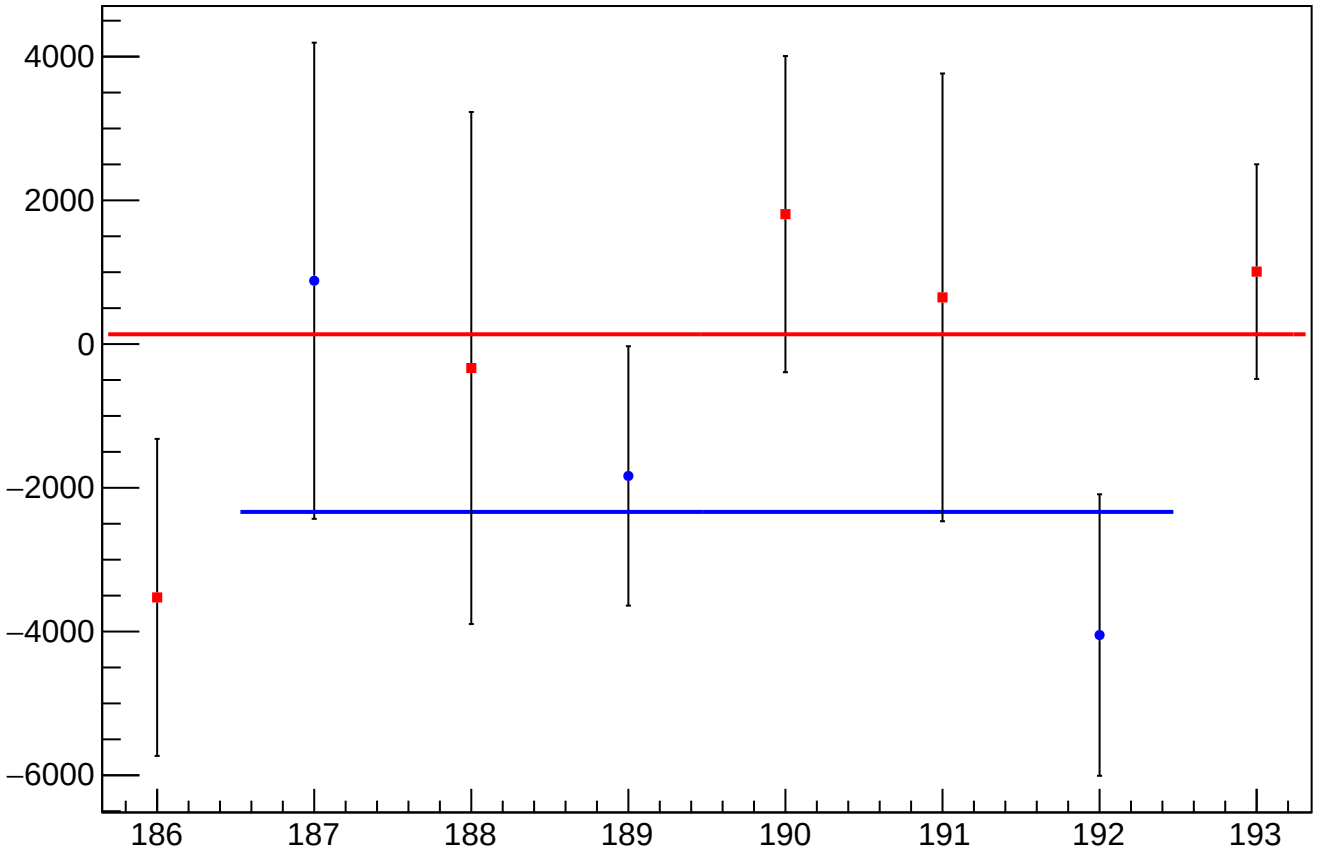
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4537.789+/-1.992 χ^2/NDF: 442314.2/7

In: 4887.215+/-3.374 χ^2/NDF:669.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4537.789+/-1.992 χ^2/NDF: 442314.2/7



Right In: -2335.288+/-1231.950 χ^2/NDF: 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 136.227+/-979.500 χ^2/NDF: 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

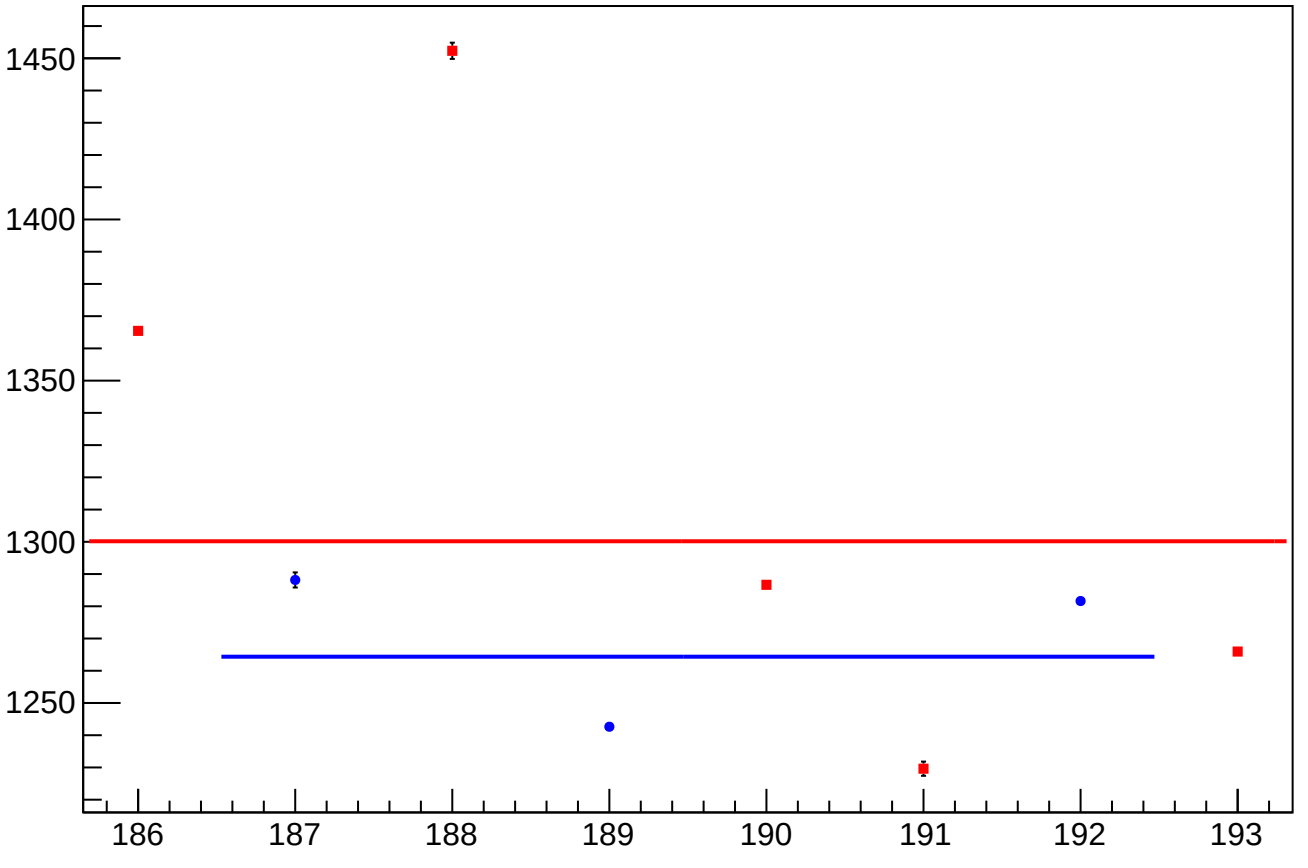
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -821.022+/-766.697 χ^2/NDF: 8.0/7

In: -2335.288+/-1231.950 χ^2/NDF:1.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -821.022+/-766.697 χ^2/NDF: 8.0/7



Right In: 1264.360+/-0.871 χ^2/NDF: 548.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1300.173+/-0.693 χ^2/NDF: 7549.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

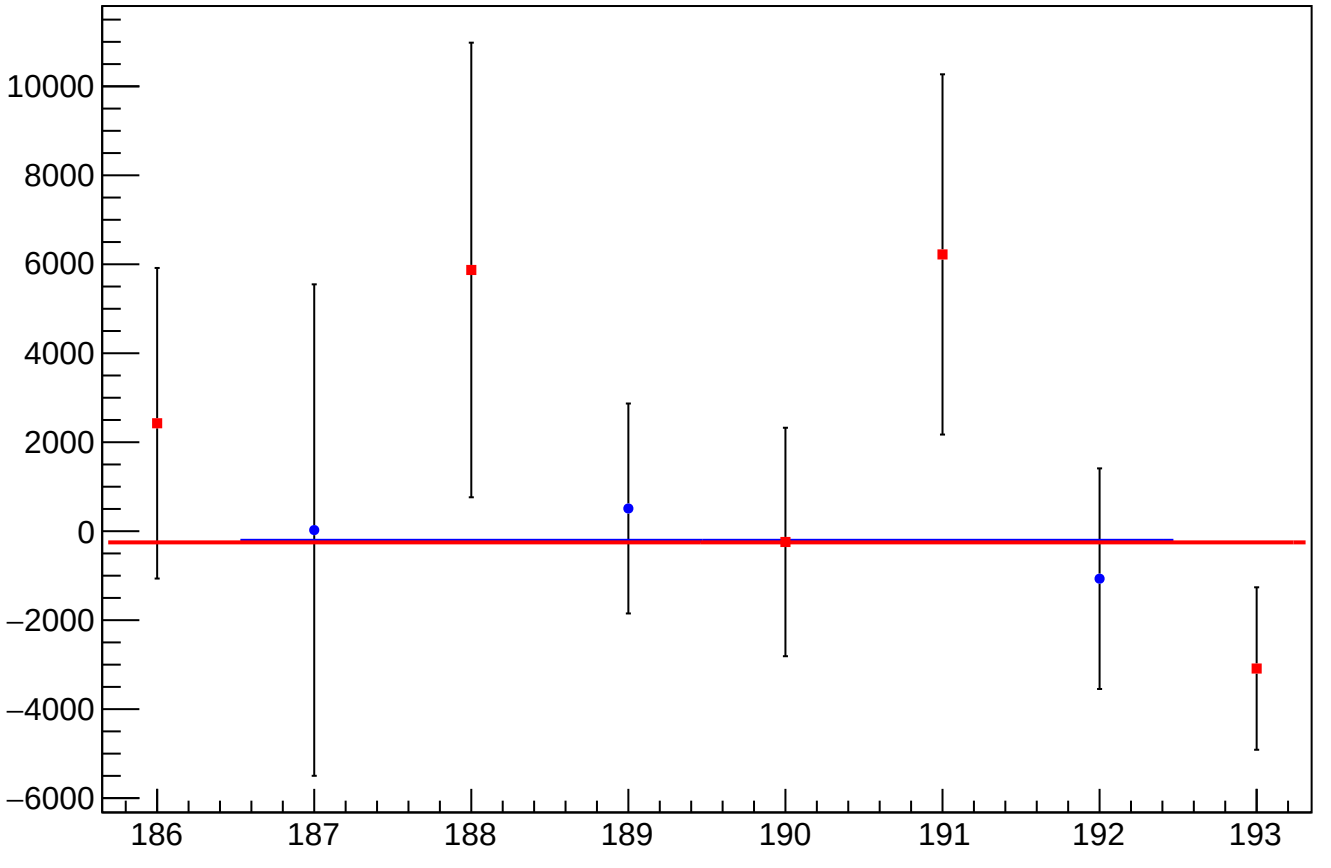
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1286.302+/-0.542 χ^2/NDF: 9133.9/7

In: 1264.360+/-0.871 χ^2/NDF:548.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1286.302+/-0.542 χ^2/NDF: 9133.9/7



Right In: -216.285+/-1632.944 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -251.392+/-1256.990 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

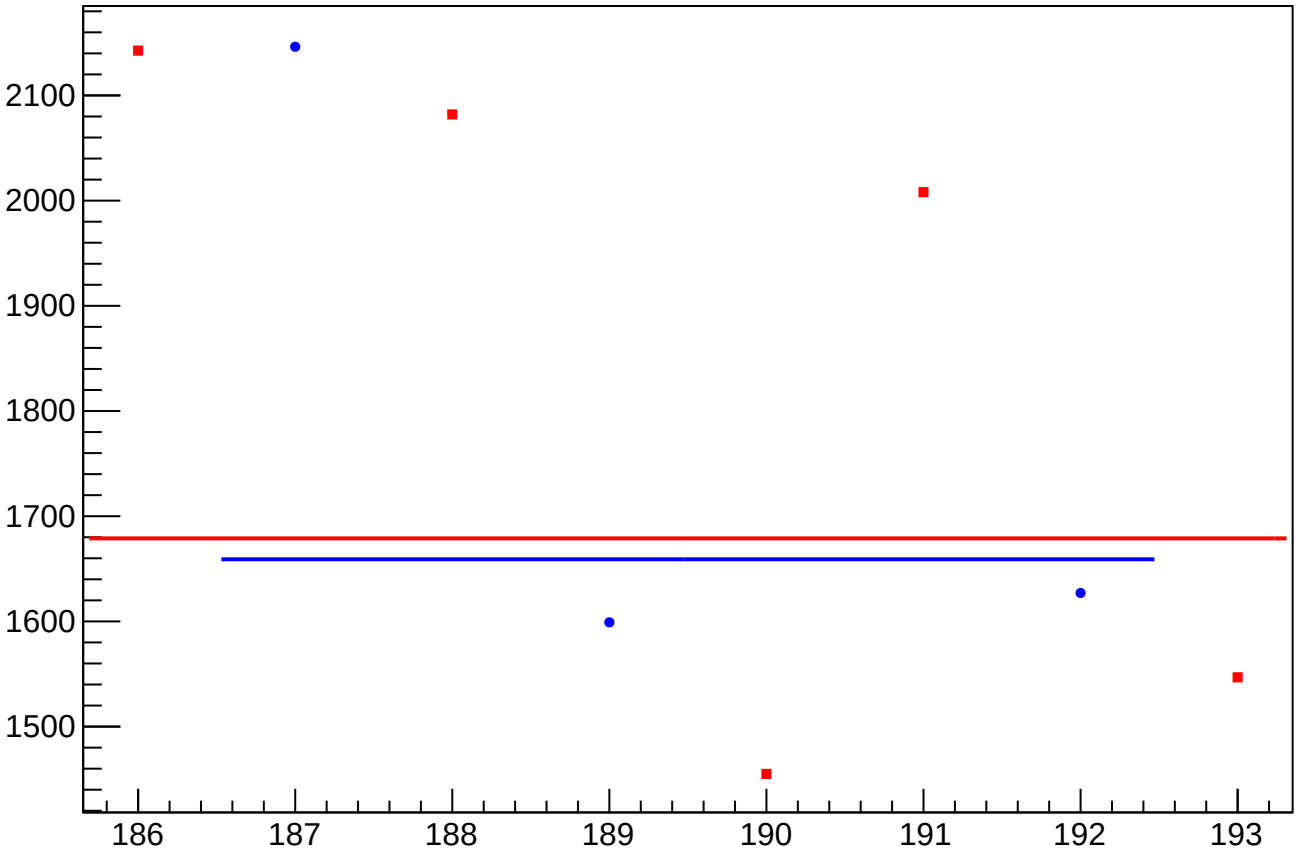
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -238.330+/-996.061 χ^2/NDF: 7.2/7

In: -216.285+/-1632.944 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -238.330+/-996.061 χ^2/NDF: 7.2/7



Right In: 1659.041+/-1.155 χ^2/NDF: 17182.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1678.934+/-0.889 χ^2/NDF: 86607.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

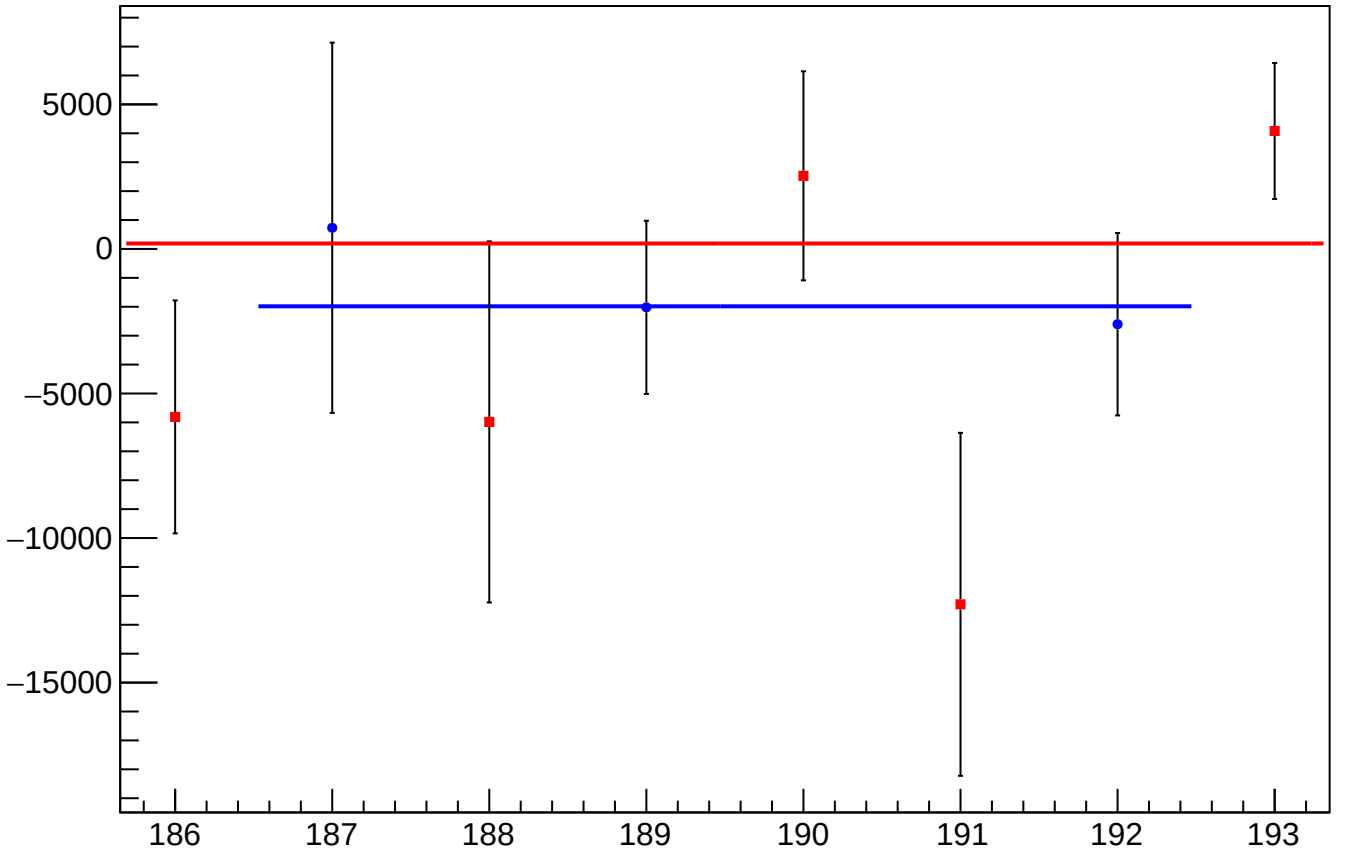
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1671.532+/-0.704 χ^2/NDF: 103975.9/7

In: 1659.041+/-1.155 χ^2/NDF:17182.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1671.532+/-0.704 χ^2/NDF: 103975.9/7



Right In: -1984.276+/-2057.178 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 188.859+/-1637.552 χ^2/NDF: 10.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

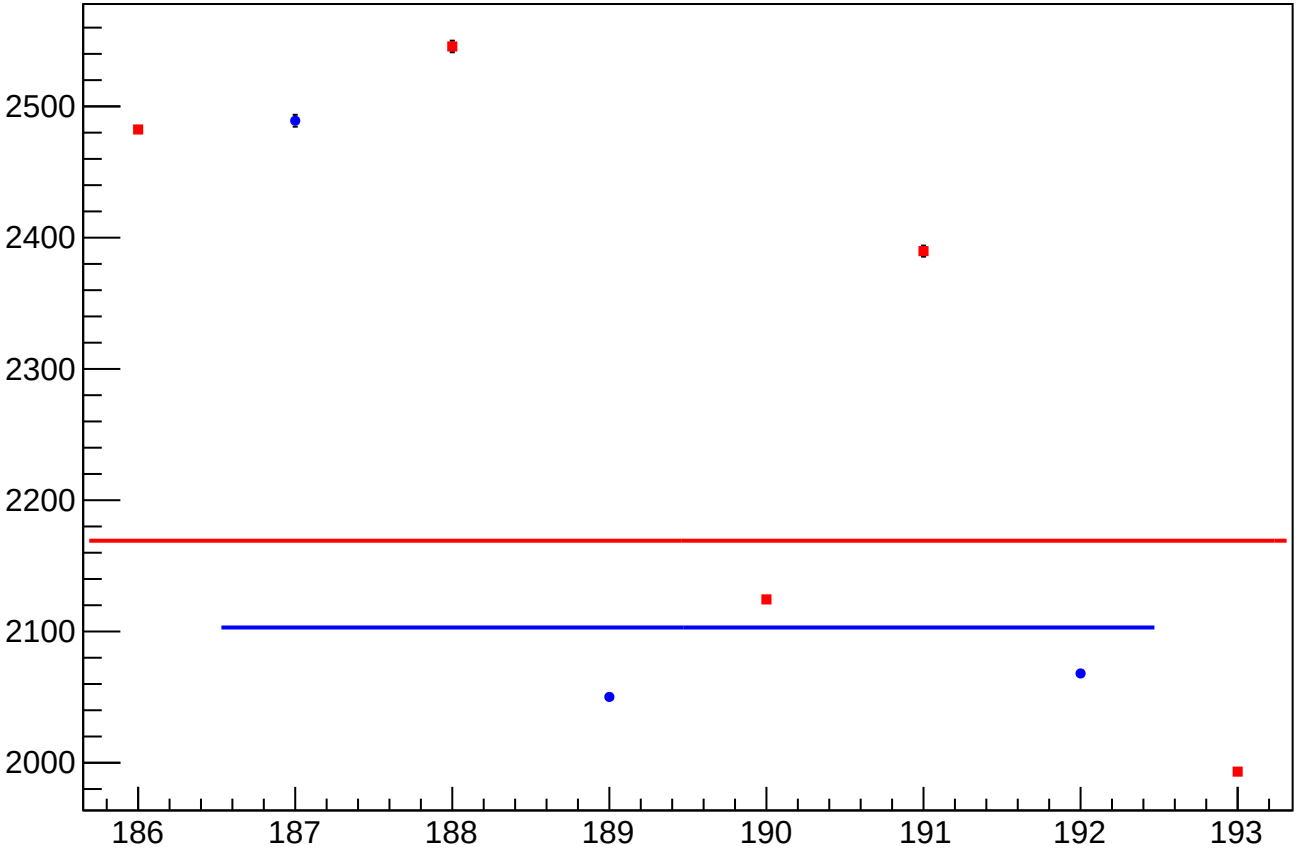
Right: -654.039+/-1281.198 χ^2/NDF: 11.7/7

In: -1984.276+/-2057.178 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -654.039+/-1281.198 χ^2/NDF: 11.7/7

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2103.053+/-1.455 χ^2/NDF: 8137.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2169.156+/-1.158 χ^2/NDF: 33613.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

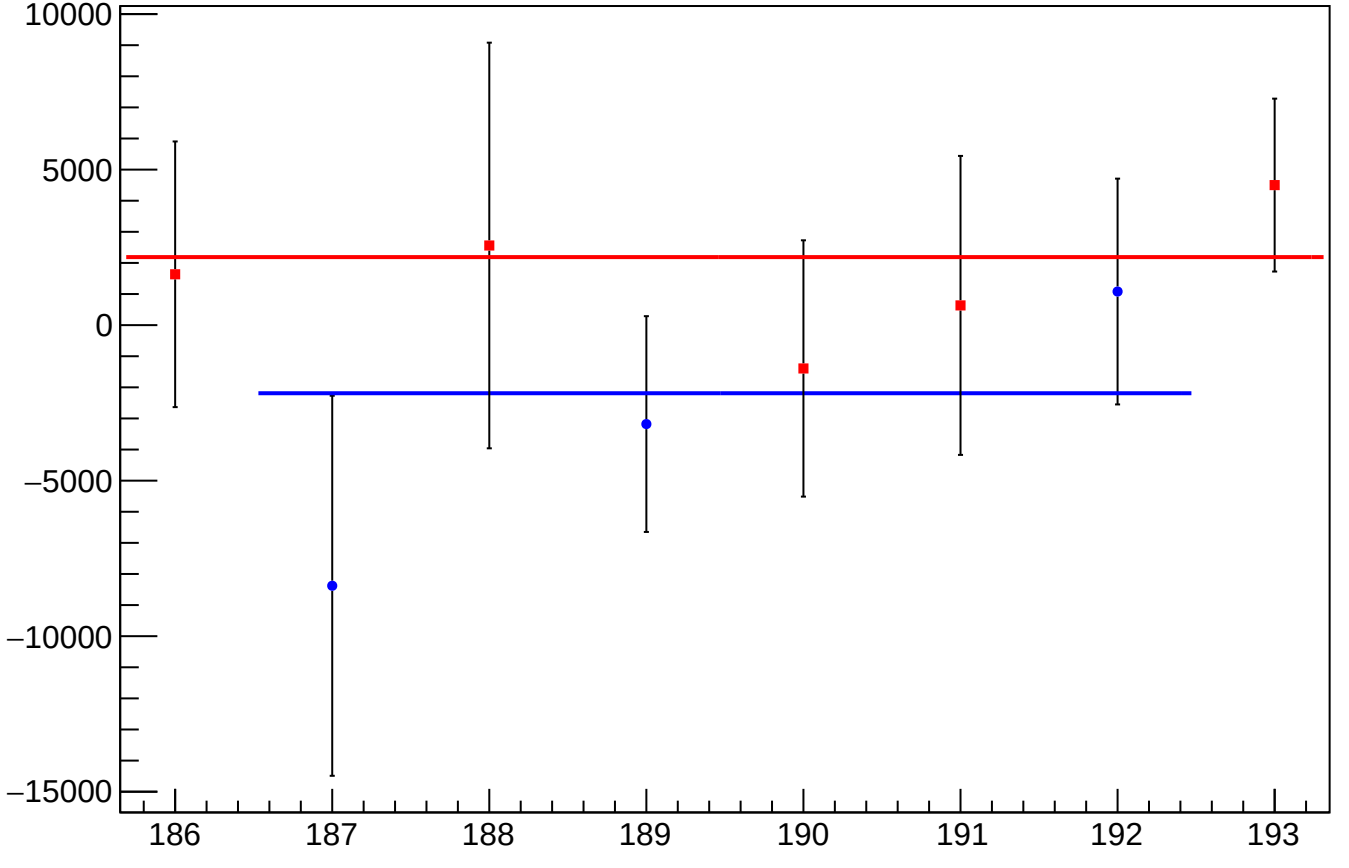
Right: 2143.517+/-0.906 χ^2/NDF: 43014.0/7

In: 2103.053+/-1.455 χ^2/NDF:8137.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2143.517+/-0.906 χ^2/NDF: 43014.0/7

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: -2189.502+/-2319.838 χ^2/NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2187.326+/-1796.063 χ^2/NDF: 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

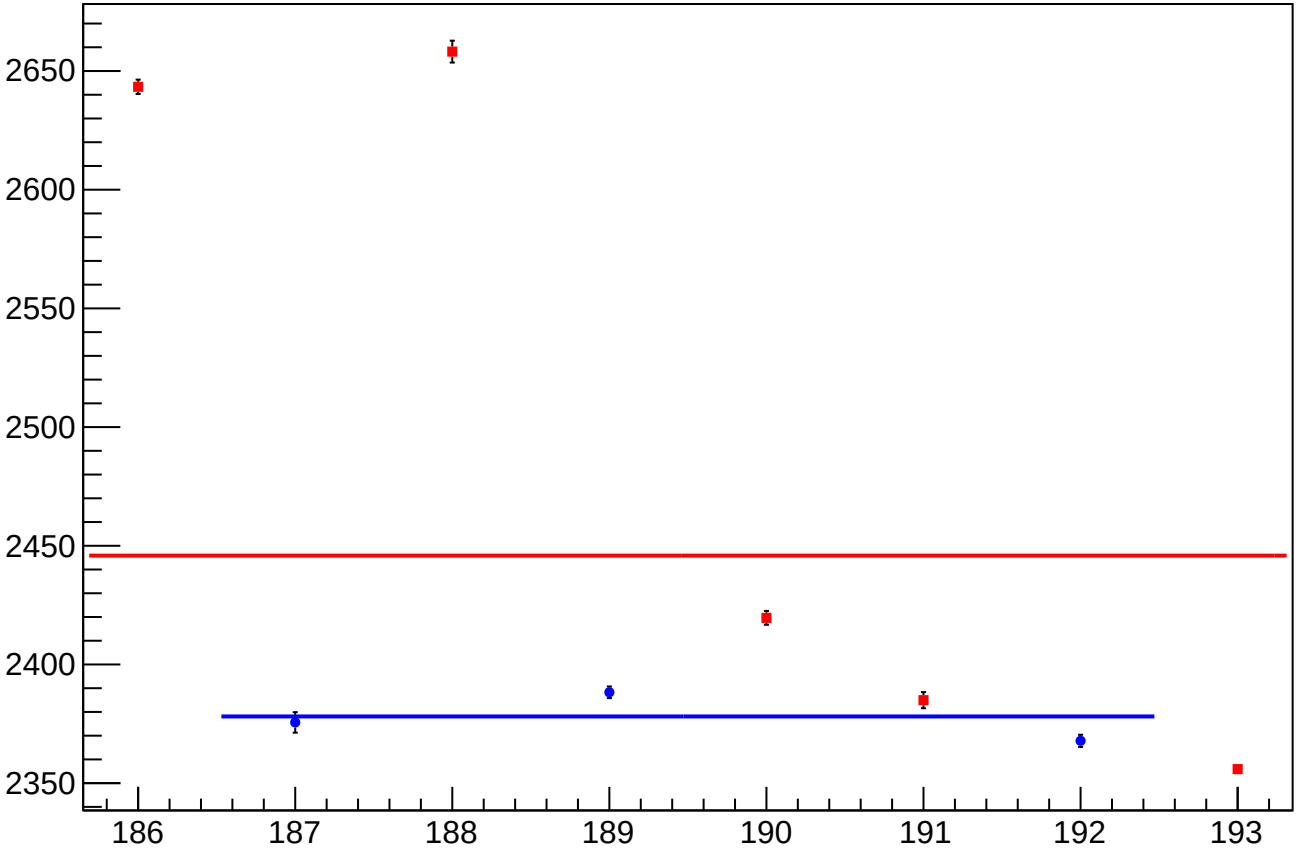
Right: 547.016+/-1420.172 χ^2/NDF: 5.7/7

In: -2189.502+/-2319.838 χ^2/NDF:1.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 547.016+/-1420.172 χ^2/NDF: 5.7/7

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2378.097+/-1.640 χ^2/NDF: 33.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2445.851+/-1.270 χ^2/NDF: 8894.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

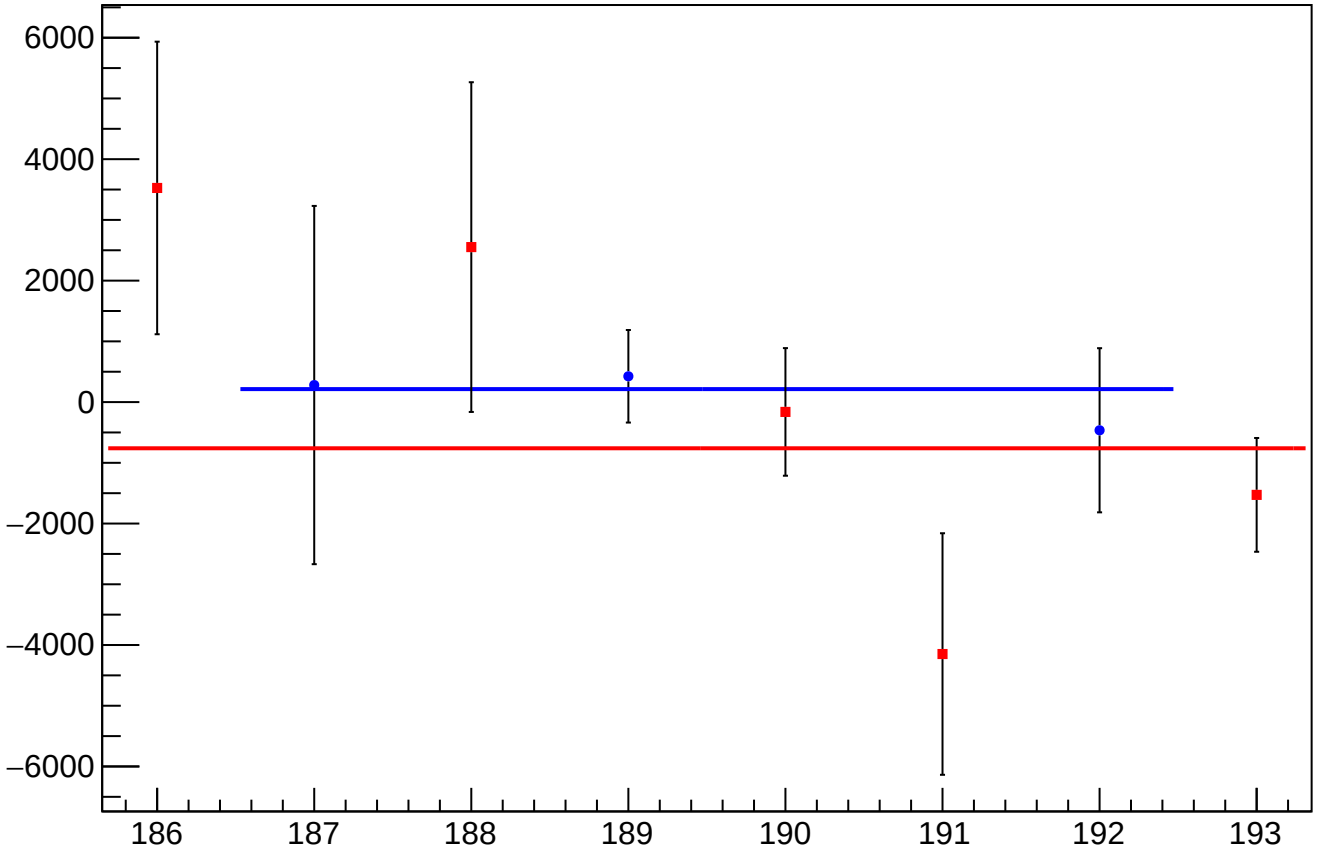
Right: 2420.459+/-1.004 χ^2/NDF: 9995.0/7

In: 2378.097+/-1.640 χ^2/NDF:33.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2420.459+/-1.004 χ^2/NDF: 9995.0/7

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 213.929+/-647.612 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -760.618+/-619.426 χ^2/NDF: 8.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

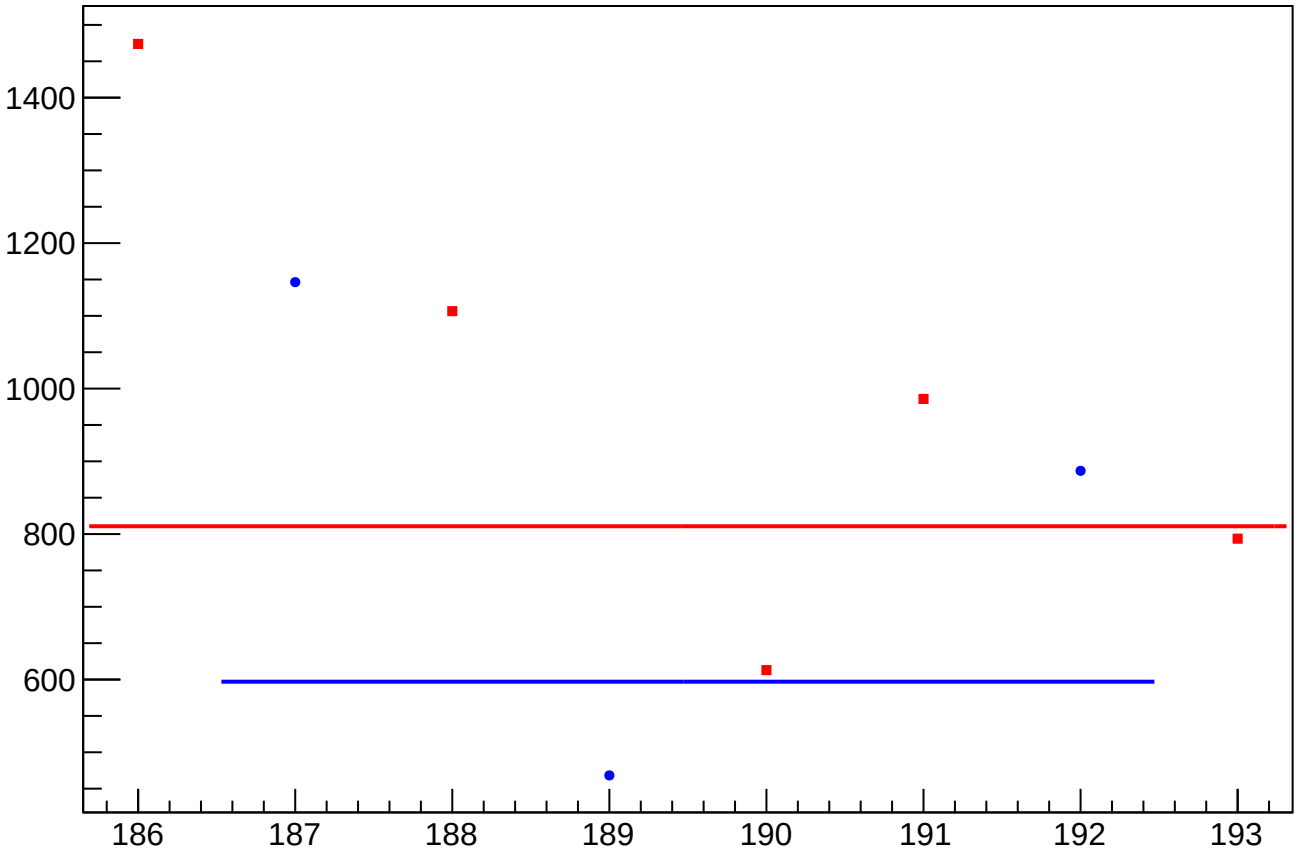
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -295.013+/-447.633 χ^2/NDF: 10.1/7

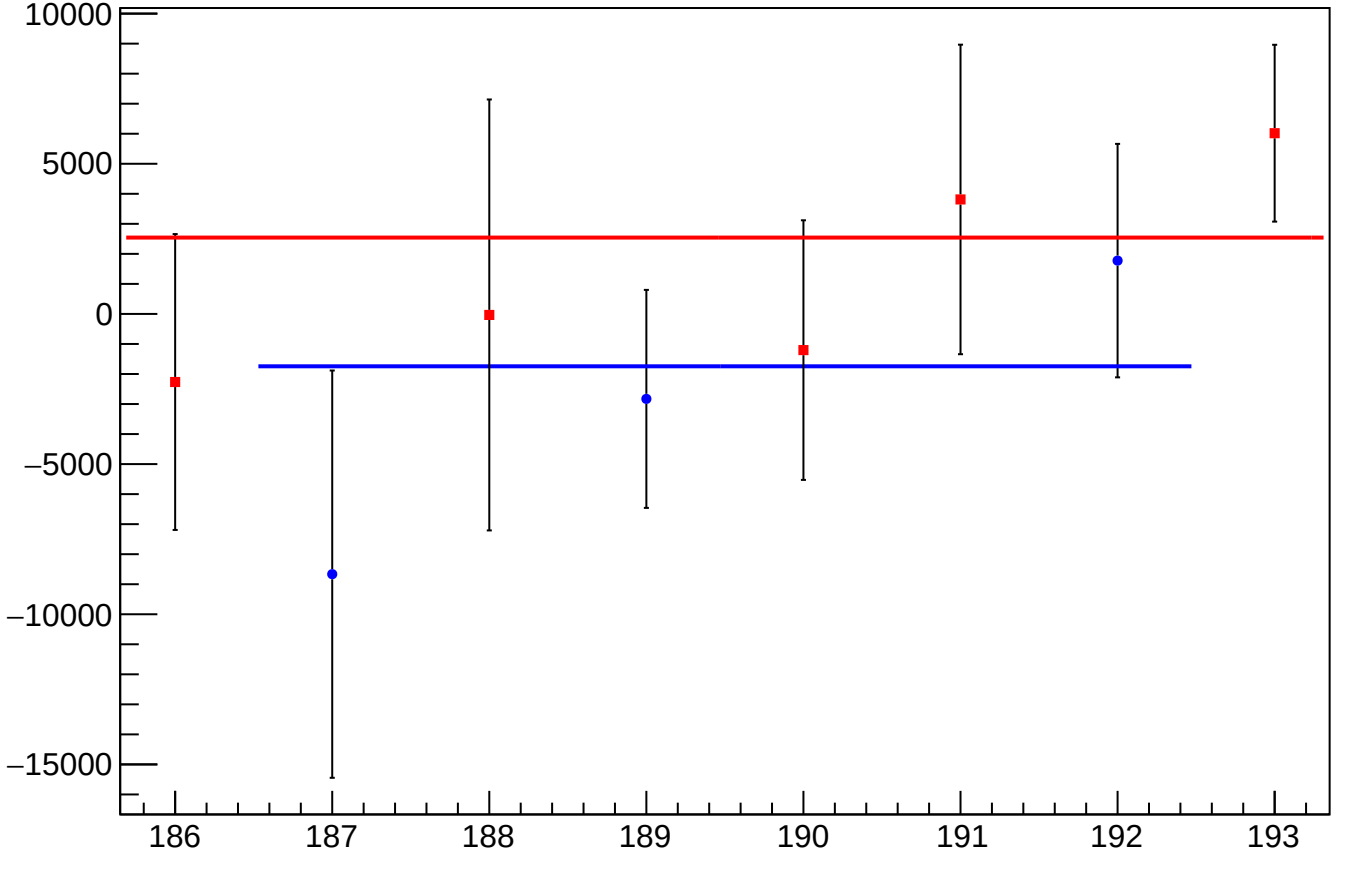
In: 213.929+/-647.612 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -295.013+/-447.633 χ^2/NDF: 10.1/7


asym_atl1_correction_rms vs Slug, Sign Corrected
1400
1200
1000
800
600
186
187
188
189
190
191
192
193
Right In: 597.039+/-0.458 χ²/NDF: 218559.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 810.760+/-0.438 χ²/NDF: 262347.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 708.651+/-0.317 χ²/NDF: 594658.9/7
In: 597.039+/-0.458 χ²/NDF:218559.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 708.651+/-0.317 χ²/NDF: 594658.9/7

asym_atl1_mean vs Slug, Sign Corrected



Right In: -1744.000+/-2470.497 χ^2/NDF: 2.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2542.287+/-1934.543 χ^2/NDF: 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

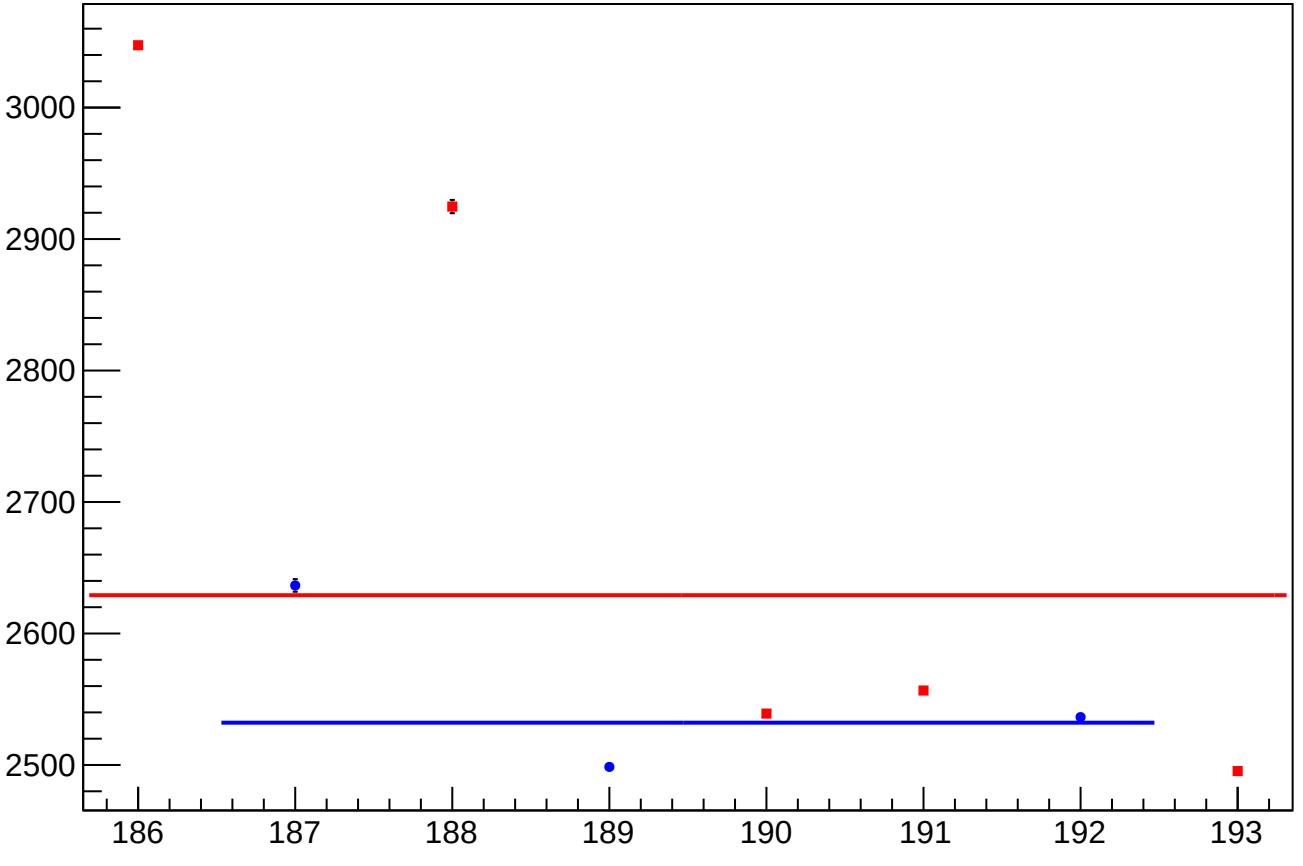
Right: 913.042+/-1523.130 χ^2/NDF: 7.1/7

In: -1744.000+/-2470.497 χ^2/NDF:2.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 913.042+/-1523.130 χ^2/NDF: 7.1/7

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2532.172+/-1.747 χ^2/NDF: 648.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2629.127+/-1.368 χ^2/NDF: 23206.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

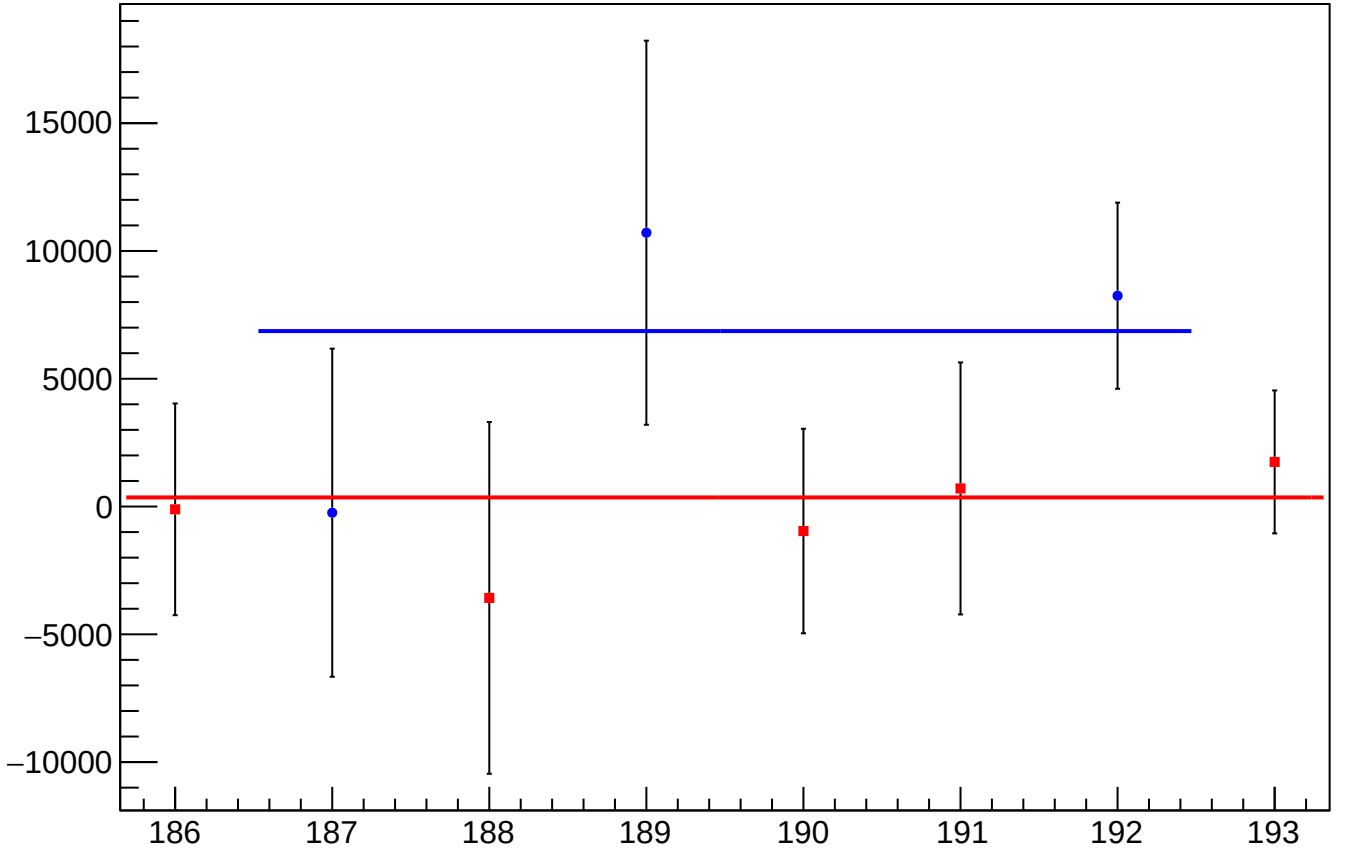
Right: 2592.274+/-1.077 χ^2/NDF: 25764.0/7

In: 2532.172+/-1.747 χ^2/NDF:648.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2592.274+/-1.077 χ^2/NDF: 25764.0/7

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 6865.476+/-2918.622 χ^2/NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 355.721+/-1793.729 χ^2/NDF: 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

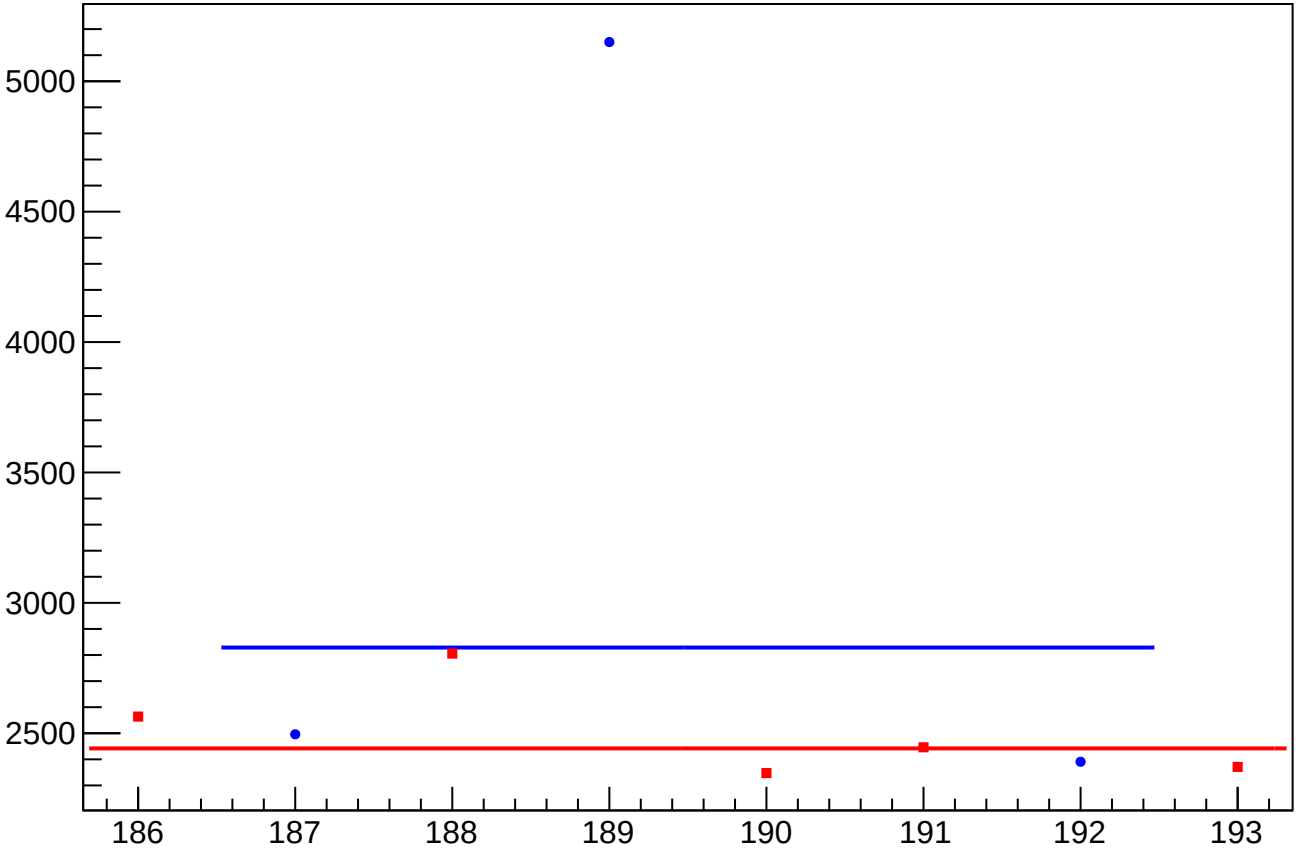
Right: 2140.420+/-1528.192 χ^2/NDF: 5.9/7

In: 6865.476+/-2918.622 χ^2/NDF:1.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2140.420+/-1528.192 χ^2/NDF: 5.9/7

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2828.730+/-2.064 χ^2/NDF: 225167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2441.926+/-1.268 χ^2/NDF: 9722.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

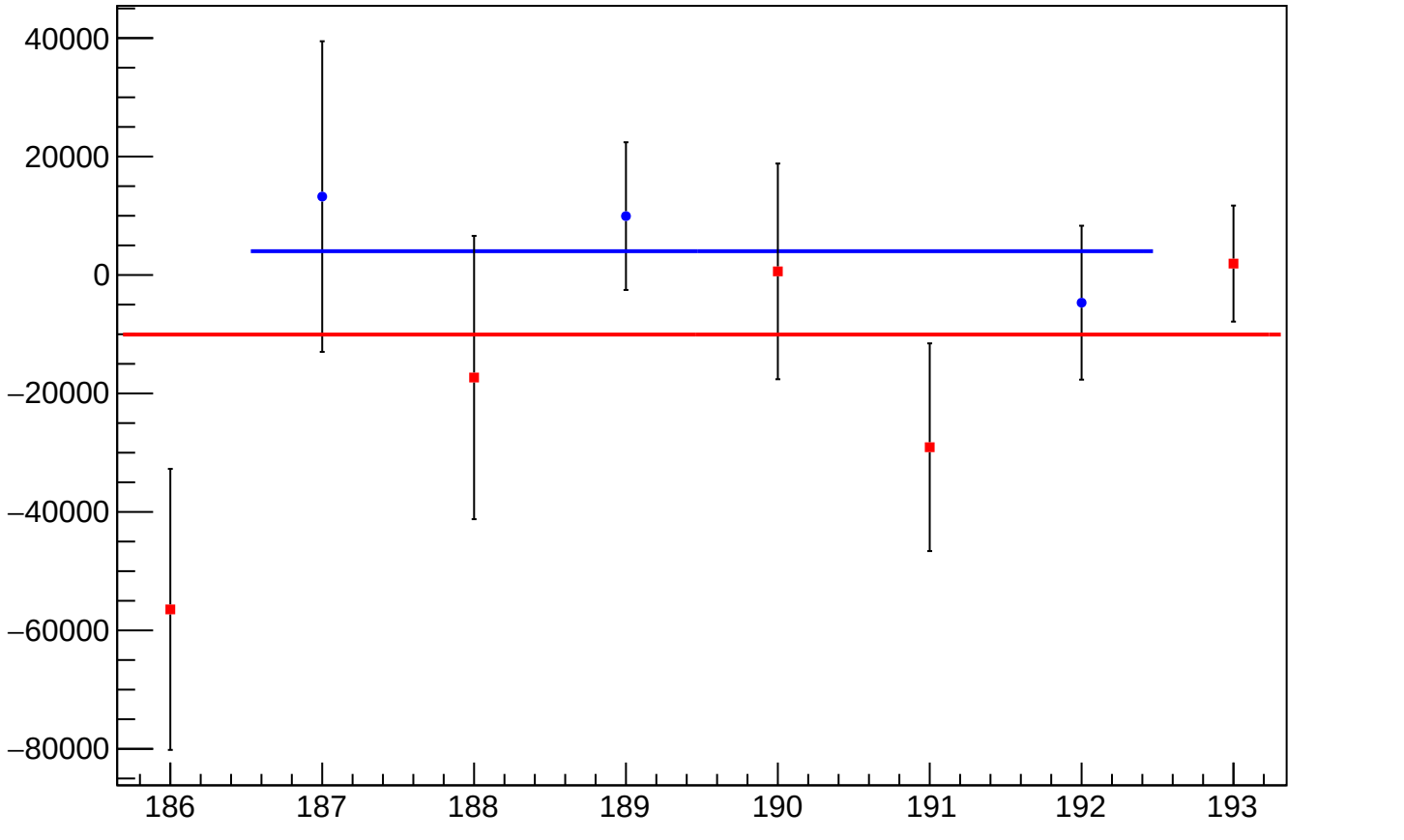
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2547.972+/-1.081 χ^2/NDF: 260387.4/7

In: 2828.730+/-2.064 χ^2/NDF:225167.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2547.972+/-1.081 χ^2/NDF: 260387.4/7



Right In: 4022.289+/-8508.791 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10054.345+/-7033.480 χ^2/NDF: 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

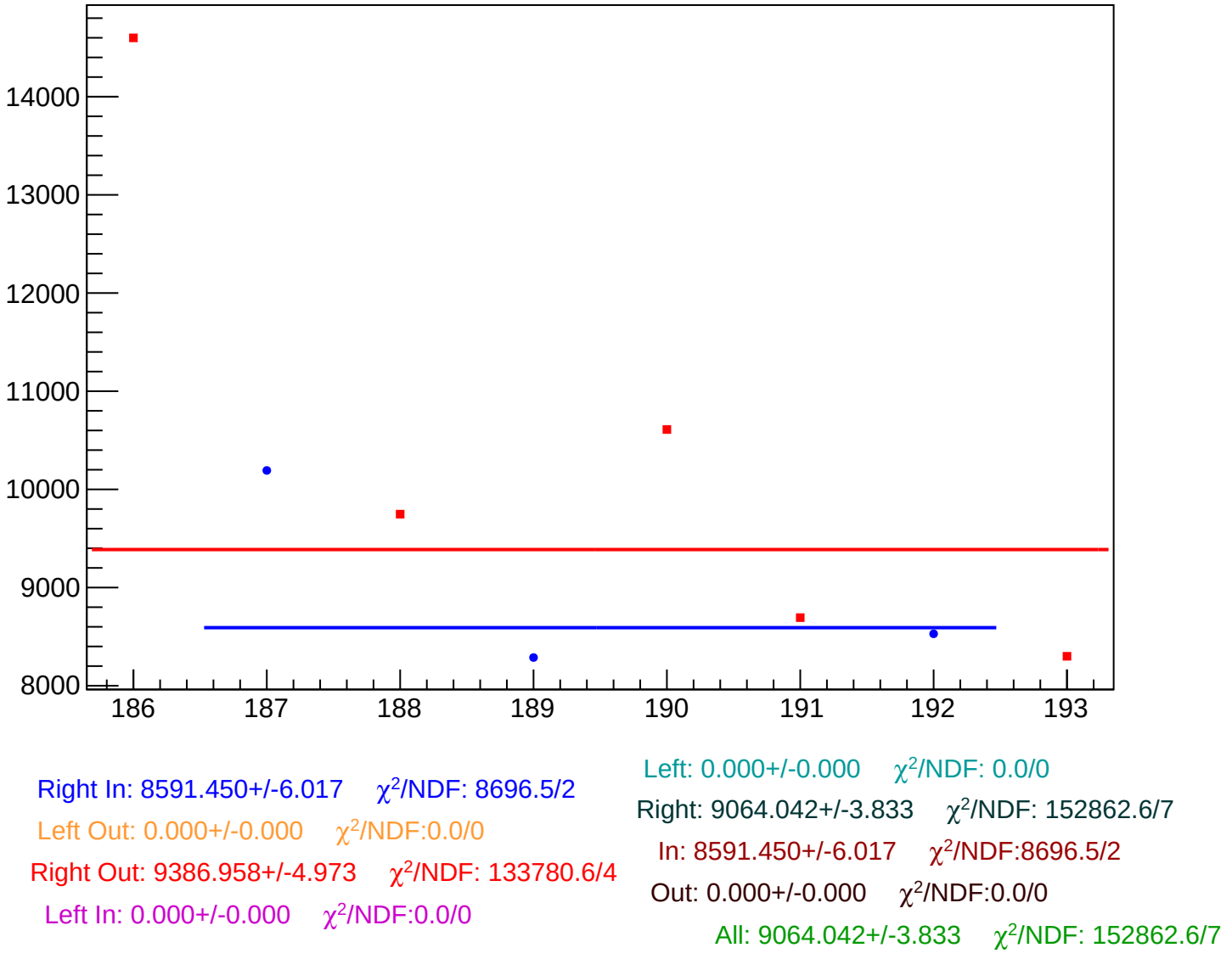
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

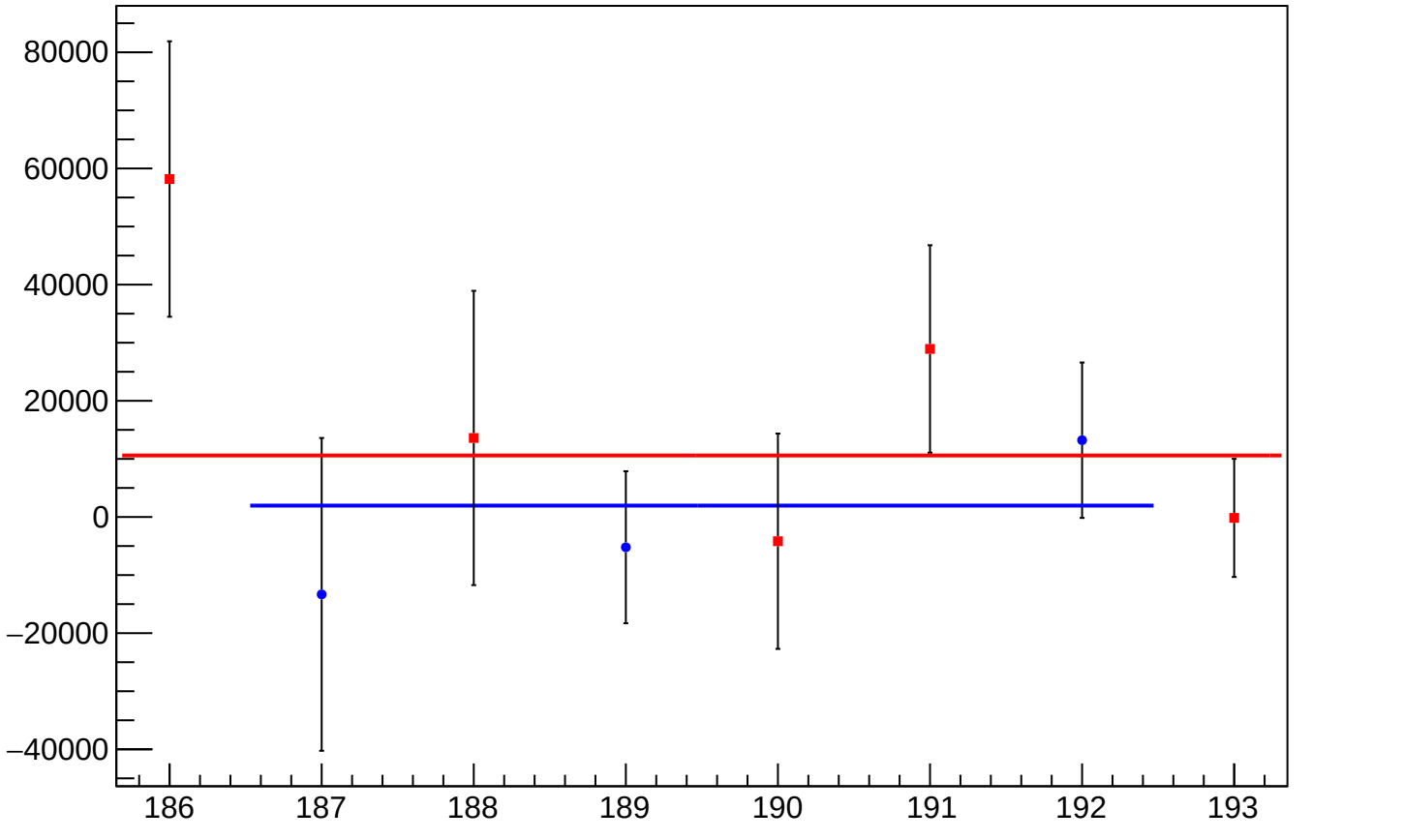
Right: -4340.285+/-5421.142 χ^2/NDF: 9.4/7

In: 4022.289+/-8508.791 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4340.285+/-5421.142 χ^2/NDF: 9.4/7


asym_atl2_correction_rms vs Slug, Sign Corrected
14000
13000
12000
11000
10000
9000
8000
186
187
188
189
190
191
192
193
Right In: 8591.450+/-6.017 χ²/NDF: 8696.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 9386.958+/-4.973 χ²/NDF: 133780.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 9064.042+/-3.833 χ²/NDF: 152862.6/7
In: 8591.450+/-6.017 χ²/NDF:8696.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 9064.042+/-3.833 χ²/NDF: 152862.6/7



Right In: 1954.492+/-8836.940 χ^2/NDF: 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10588.894+/-7245.542 χ^2/NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

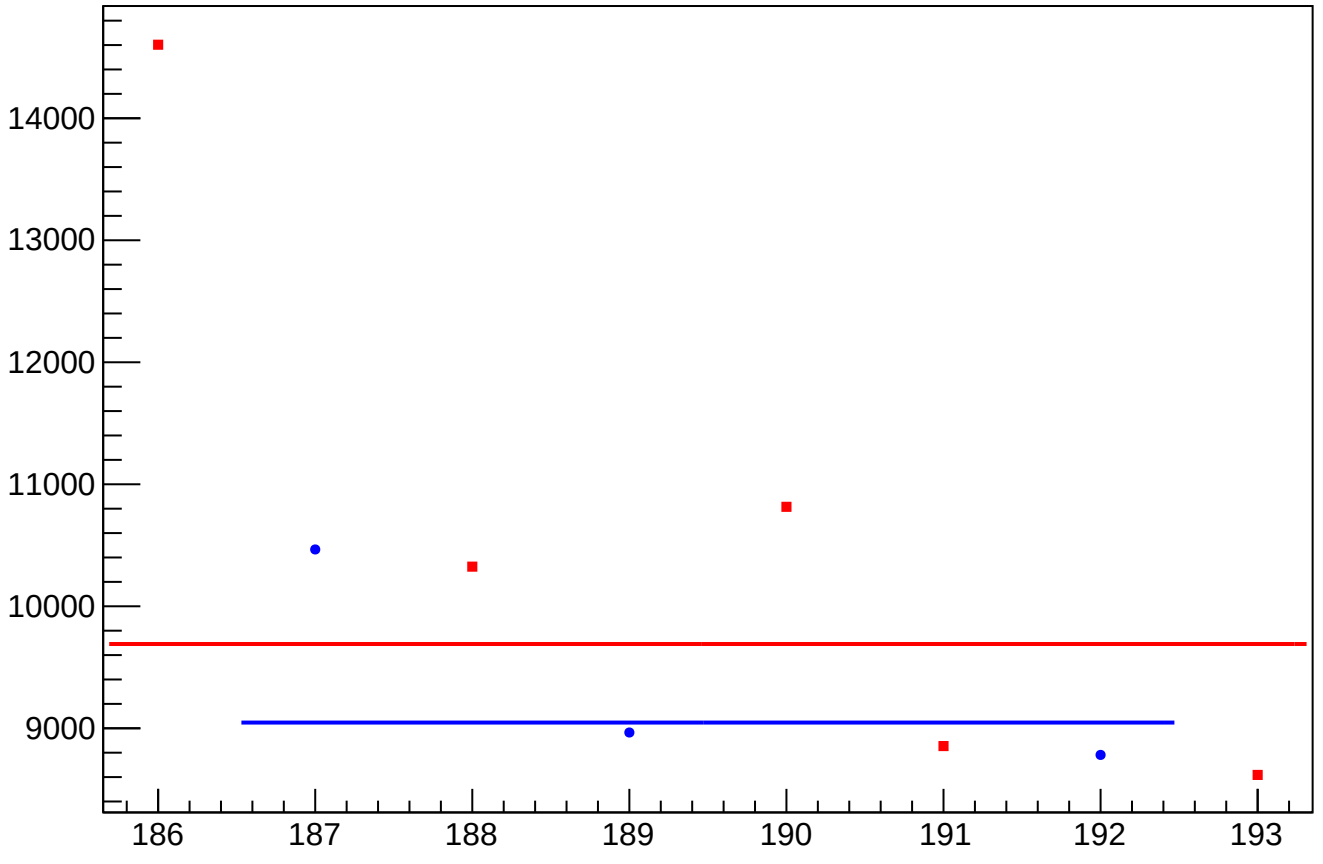
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7117.802+/-5602.977 χ^2/NDF: 8.7/7

In: 1954.492+/-8836.940 χ^2/NDF:1.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7117.802+/-5602.977 χ^2/NDF: 8.7/7



Right In: 9046.917+/-6.249 χ^2/NDF: 6417.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9690.785+/-5.123 χ^2/NDF: 121072.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

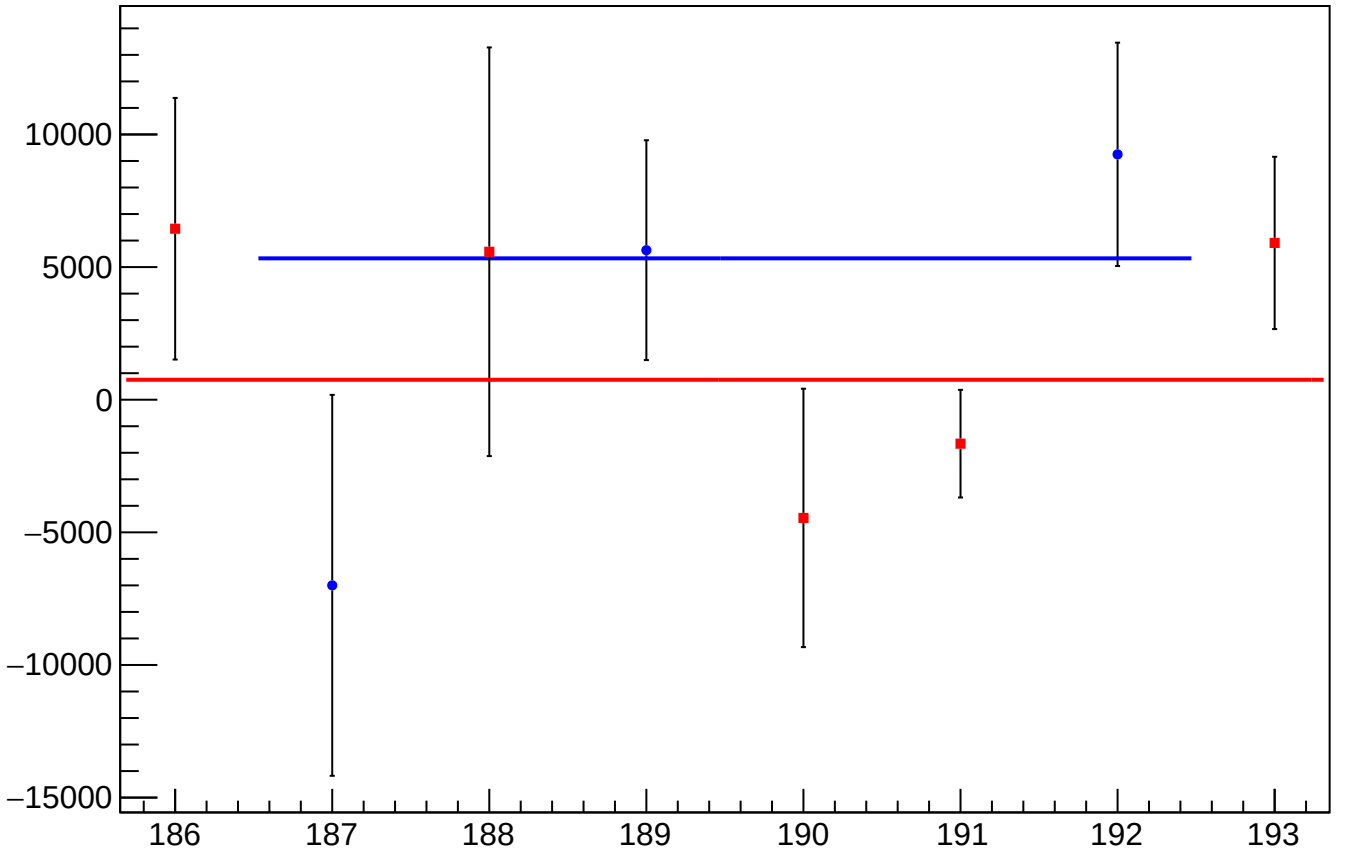
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9431.946+/-3.962 χ^2/NDF: 133838.6/7

In: 9046.917+/-6.249 χ^2/NDF:6417.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9431.946+/-3.962 χ^2/NDF: 133838.6/7



Right In: 5329.476+/-2731.423 χ^2/NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 752.103+/-1511.287 χ^2/NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

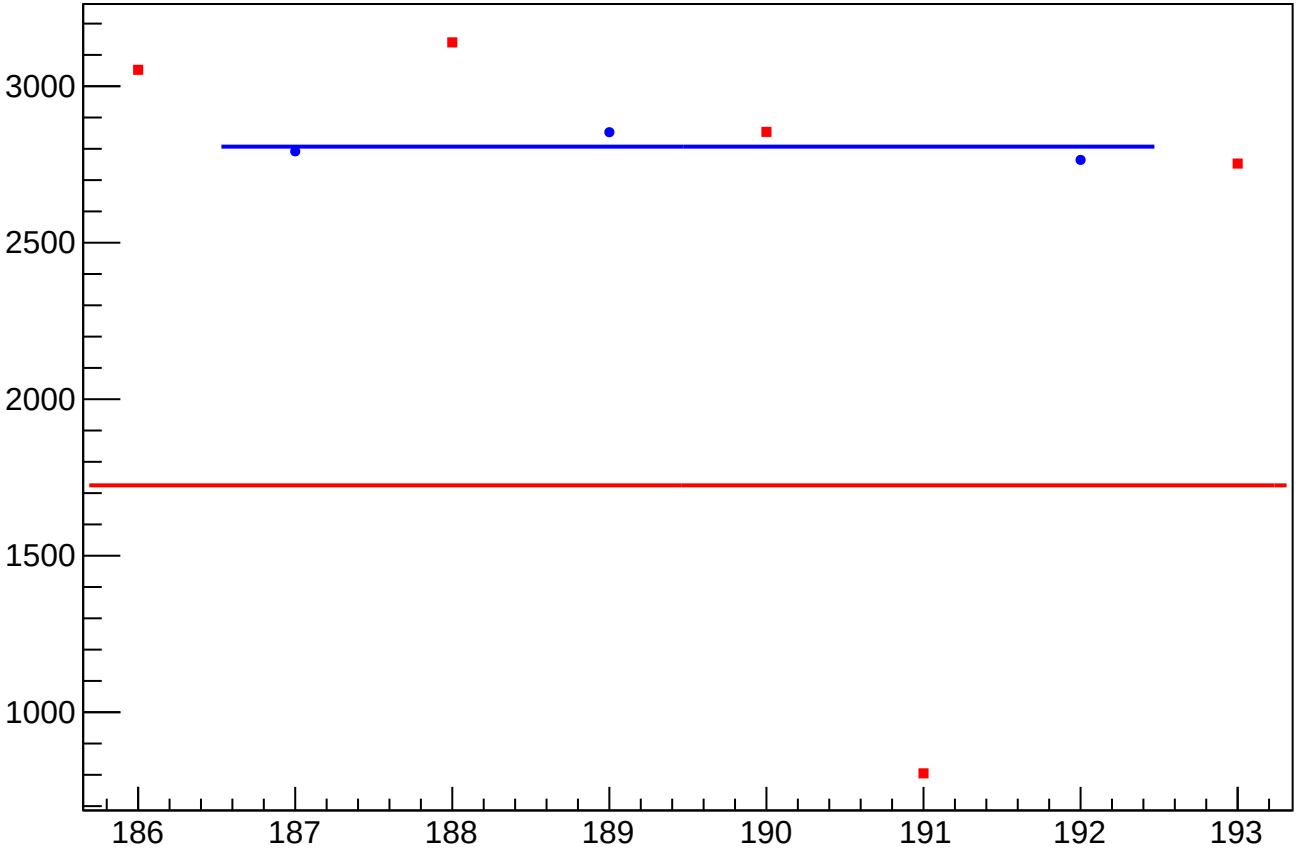
Right: 1824.964+/-1322.369 χ^2/NDF: 12.8/7

In: 5329.476+/-2731.423 χ^2/NDF:3.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1824.964+/-1322.369 χ^2/NDF: 12.8/7

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2806.944+/-1.931 χ^2/NDF: 459.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1724.854+/-1.069 χ^2/NDF: 931651.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

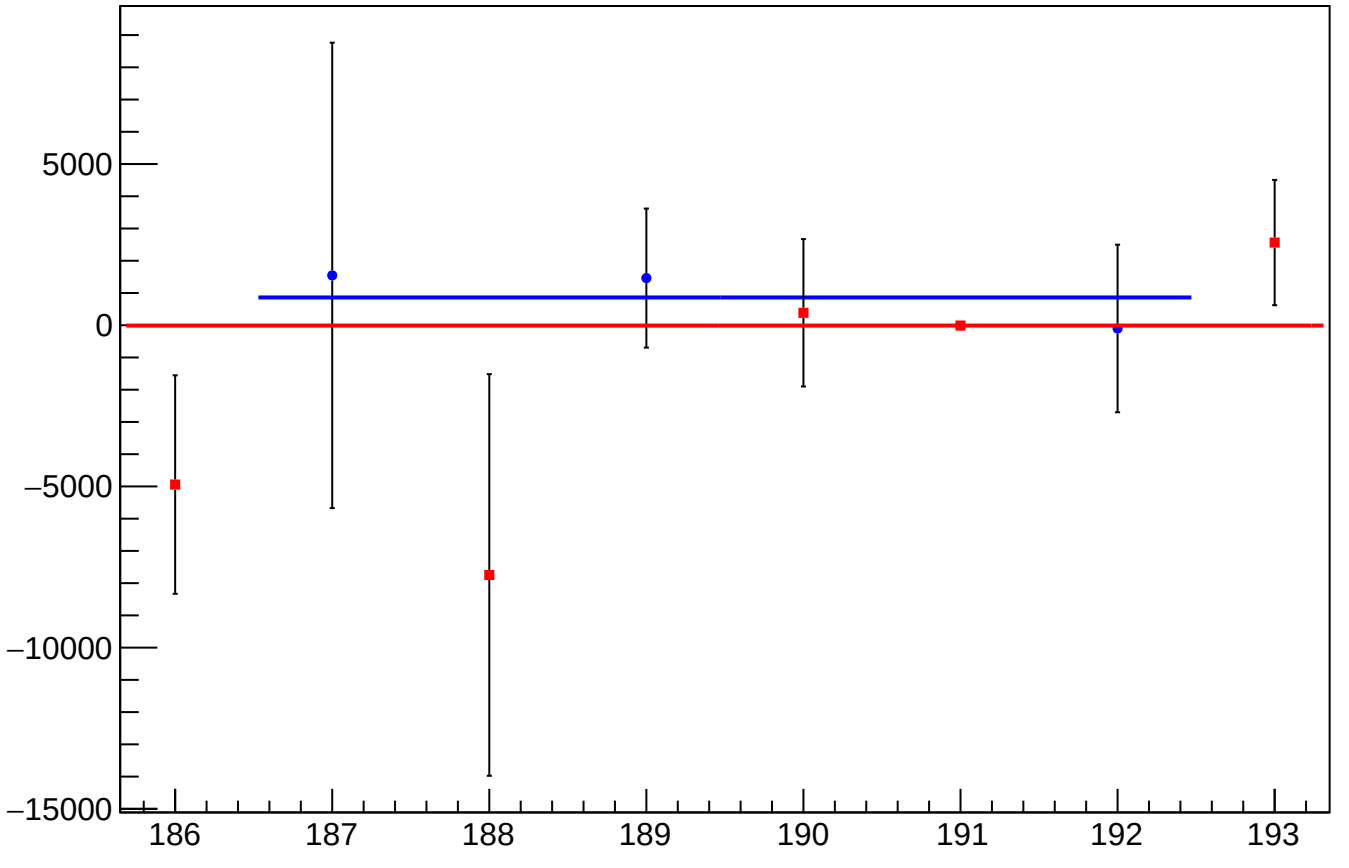
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1978.478+/-0.935 χ^2/NDF: 1172431.4/7

In: 2806.944+/-1.931 χ^2/NDF:459.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1978.478+/-0.935 χ^2/NDF: 1172431.4/7



Right In: 861.541+/-1617.145 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.011+/-7.794 χ^2/NDF: 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

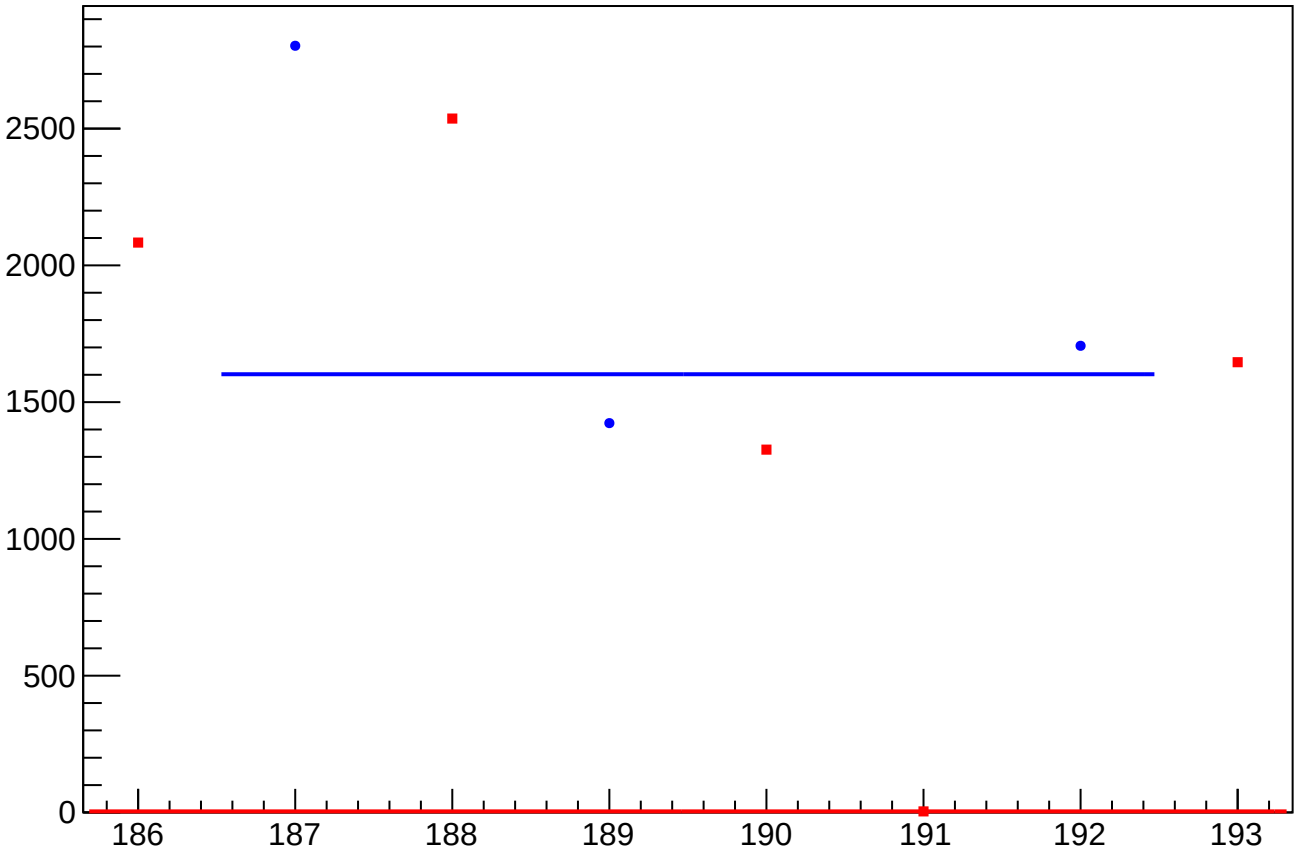
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -9.990+/-7.794 χ^2/NDF: 6.0/7

In: 861.541+/-1617.145 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.990+/-7.794 χ^2/NDF: 6.0/7



Right In: 1602.012+/-1.143 χ^2/NDF: 72290.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.923+/-0.006 χ^2/NDF: 3181340.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

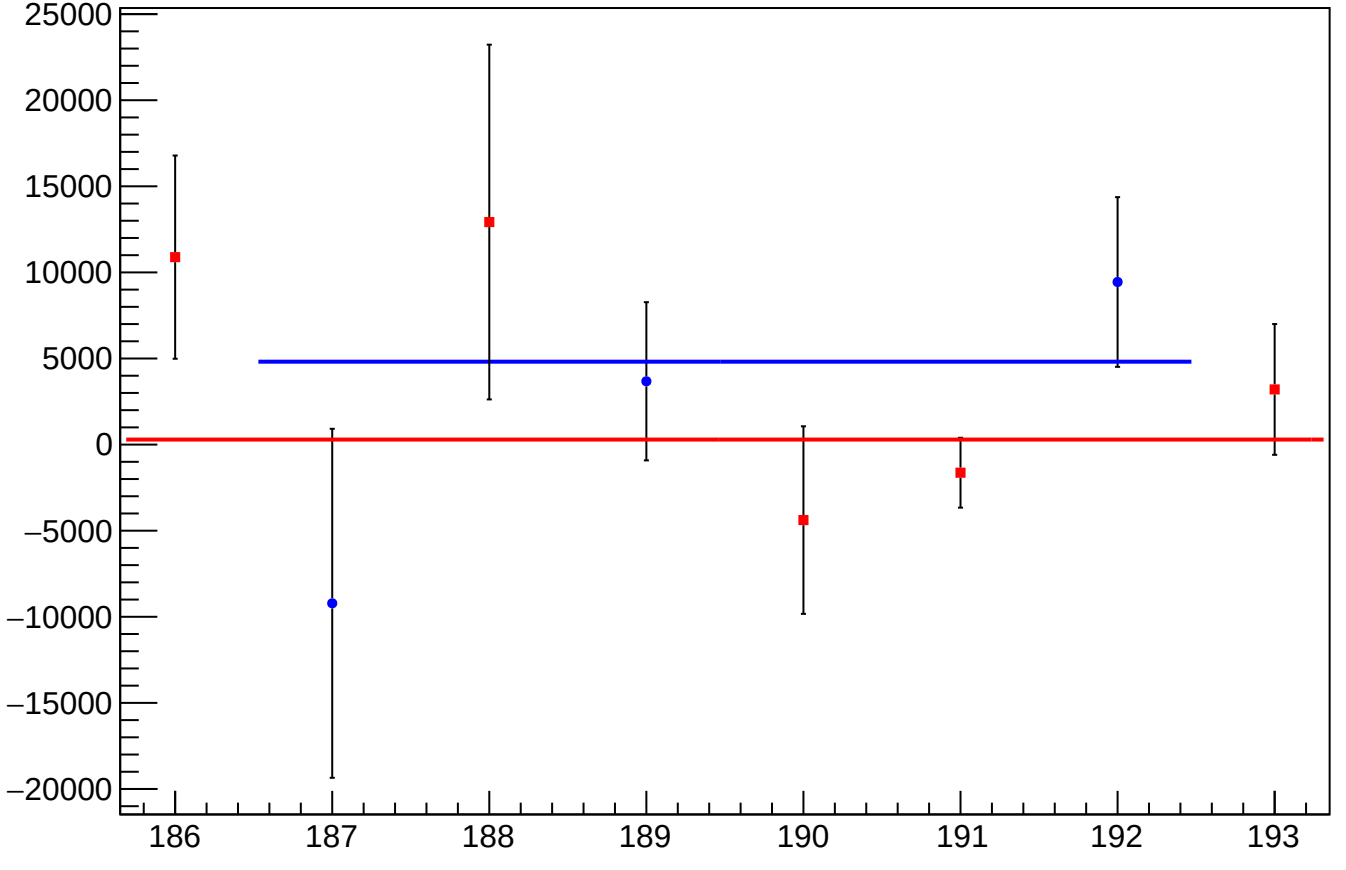
Right: 3.960+/-0.006 χ^2/NDF: 5206726.9/7

In: 1602.012+/-1.143 χ^2/NDF:72290.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.960+/-0.006 χ^2/NDF: 5206726.9/7

asym_atr1_mean vs Slug, Sign Corrected



Right In: 4815.144+/-3189.648 χ^2/NDF: 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 292.135+/-1613.487 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

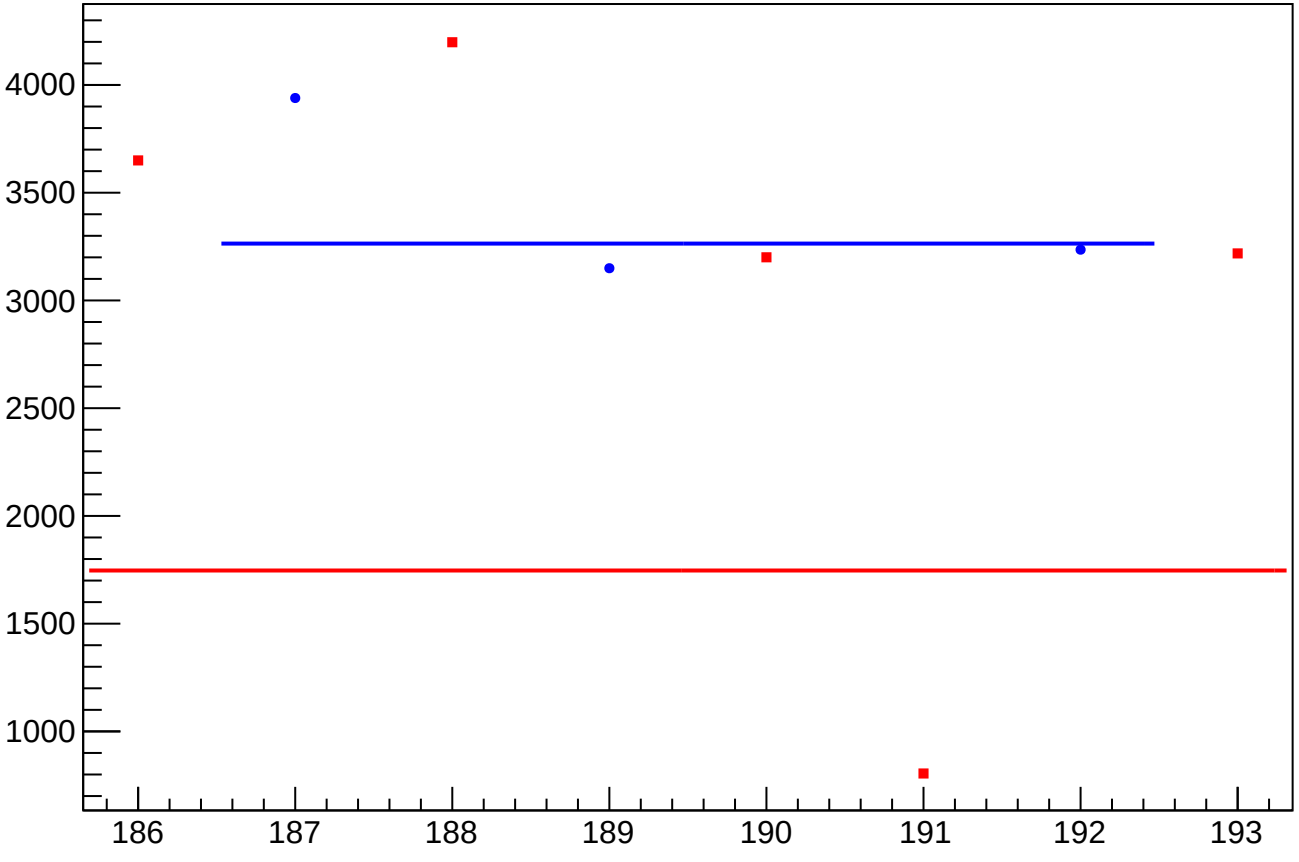
Right: 1213.694+/-1439.761 χ^2/NDF: 11.4/7

In: 4815.144+/-3189.648 χ^2/NDF:2.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1213.694+/-1439.761 χ^2/NDF: 11.4/7

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3263.890+/-2.255 χ^2/NDF: 10192.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1746.723+/-1.141 χ^2/NDF: 1195279.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

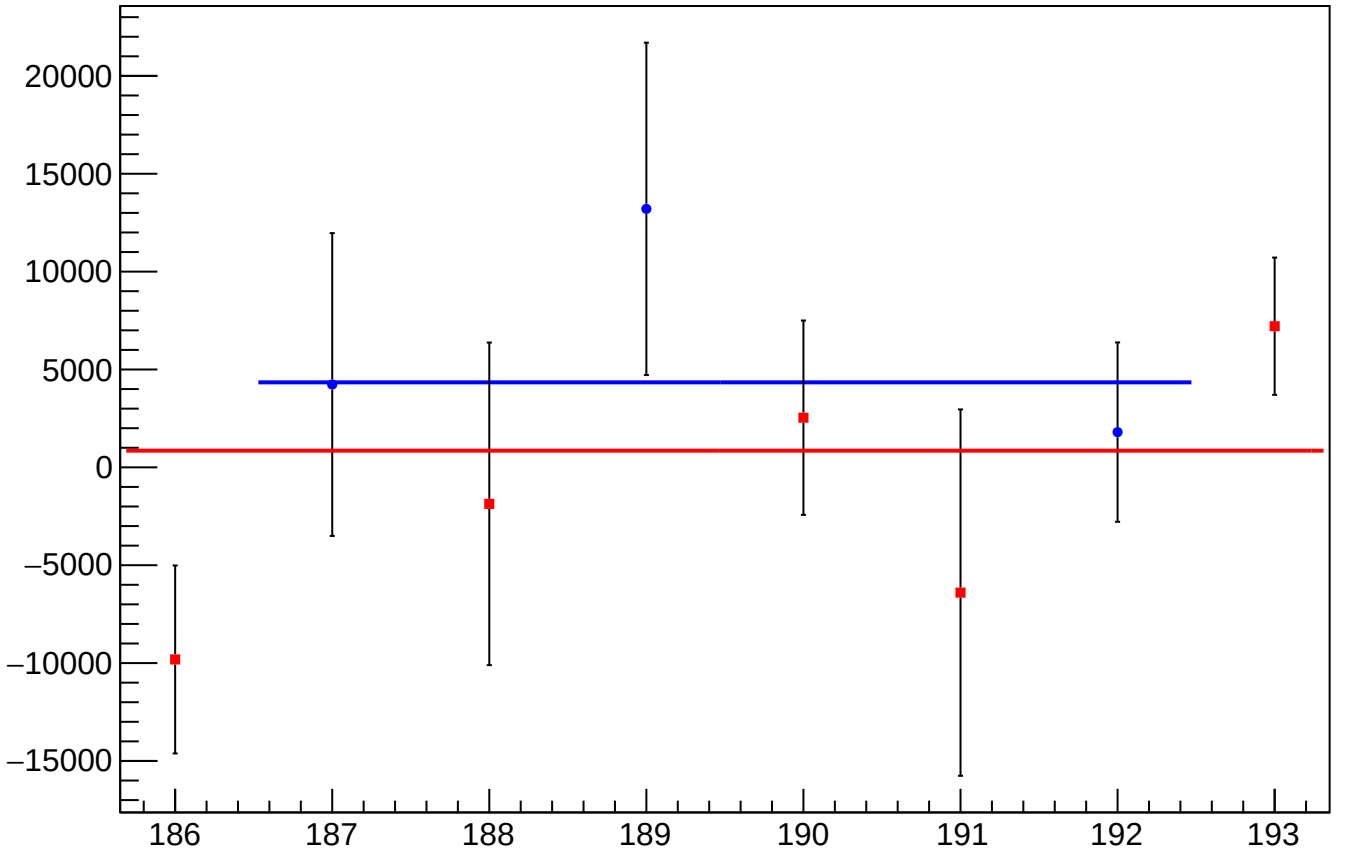
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2055.844+/-1.018 χ^2/NDF: 1565769.4/7

In: 3263.890+/-2.255 χ^2/NDF:10192.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2055.844+/-1.018 χ^2/NDF: 1565769.4/7



Right In: 4342.726+/-3575.894 χ^2/NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 852.420+/-2285.940 χ^2/NDF: 9.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

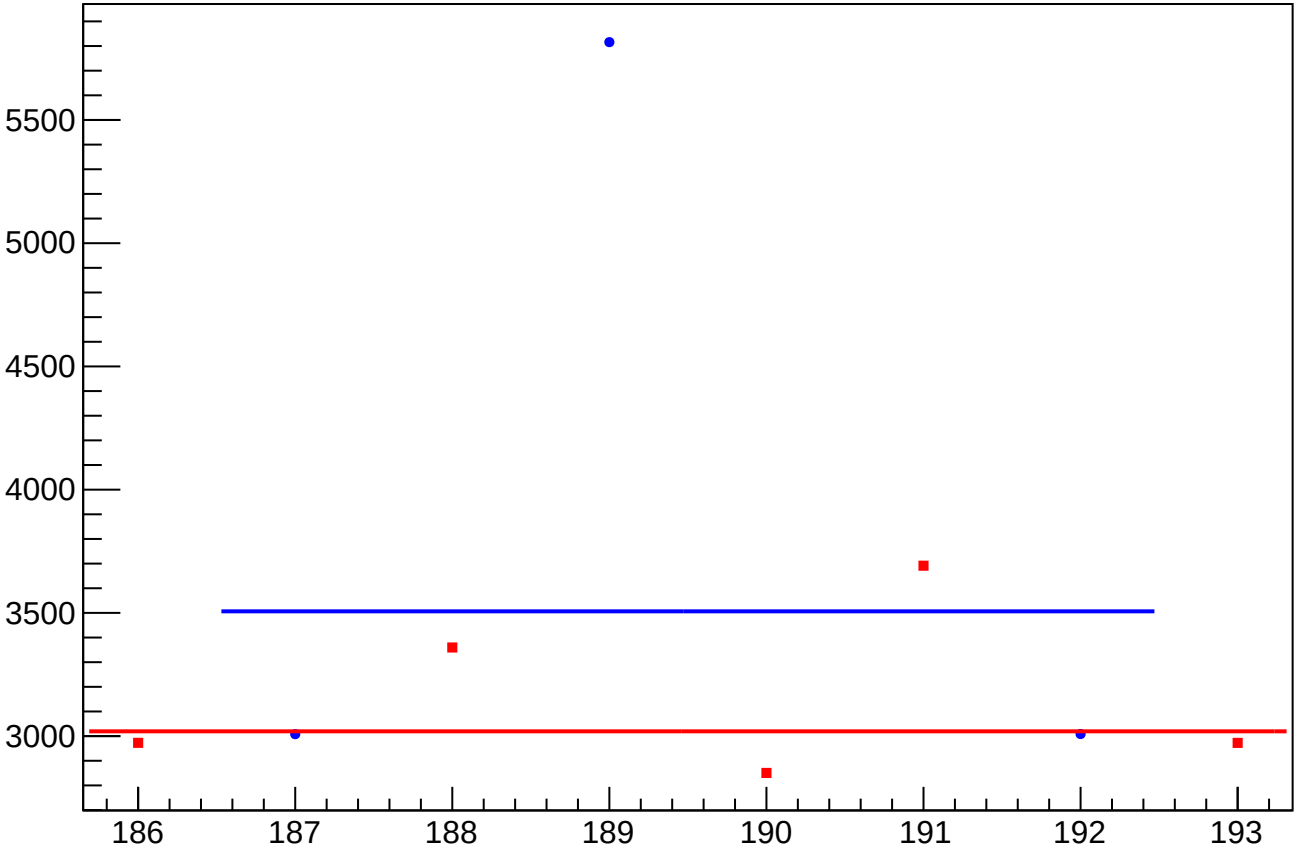
Right: 1864.974+/-1926.025 χ^2/NDF: 11.1/7

In: 4342.726+/-3575.894 χ^2/NDF:1.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1864.974+/-1926.025 χ^2/NDF: 11.1/7

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 3506.324+/-2.529 χ^2/NDF: 179847.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3019.474+/-1.616 χ^2/NDF: 16577.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

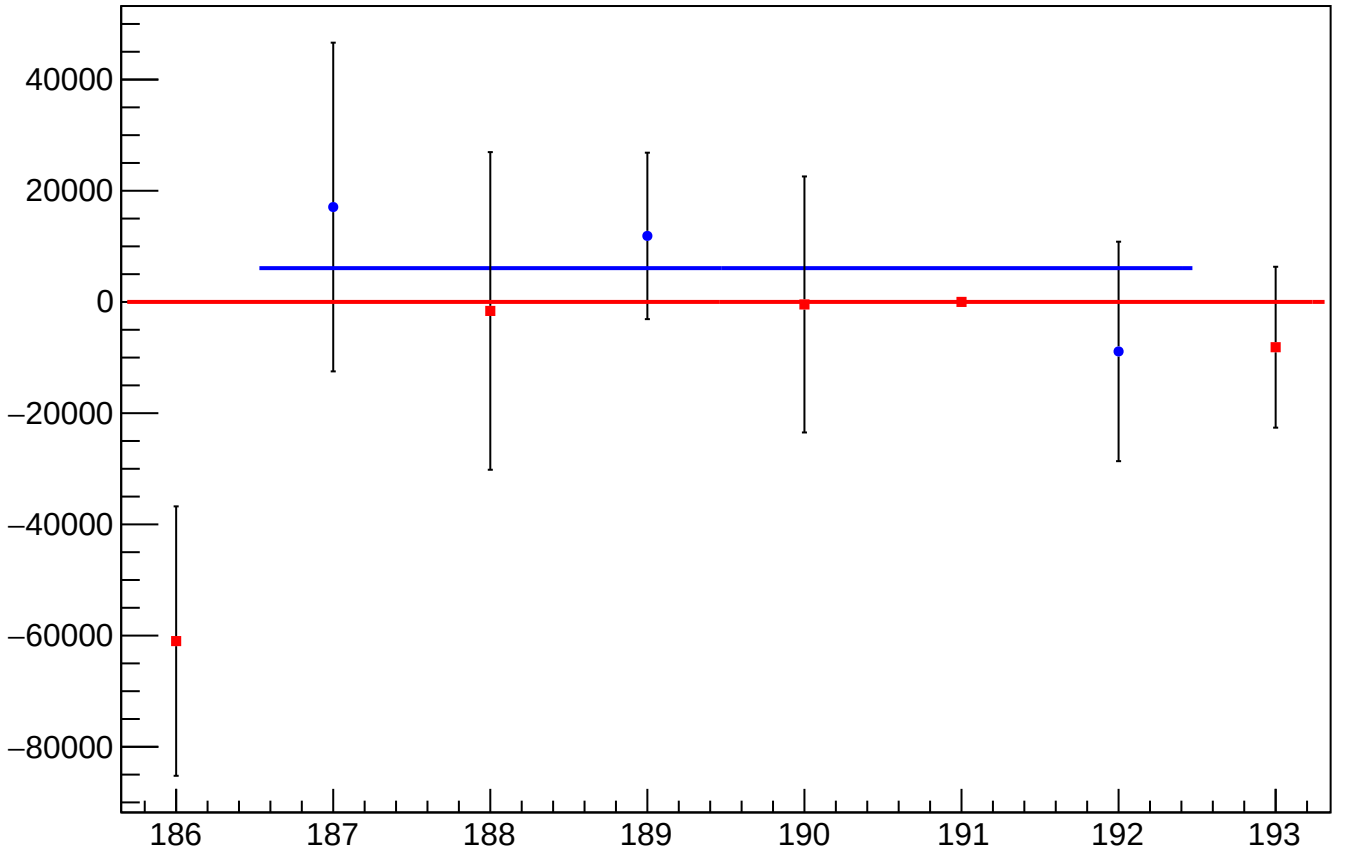
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3160.710+/-1.362 χ^2/NDF: 222743.3/7

In: 3506.324+/-2.529 χ^2/NDF:179847.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3160.710+/-1.362 χ^2/NDF: 222743.3/7



Right In: 6085.195+/-11059.330 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.700+/-79.128 χ^2/NDF: 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

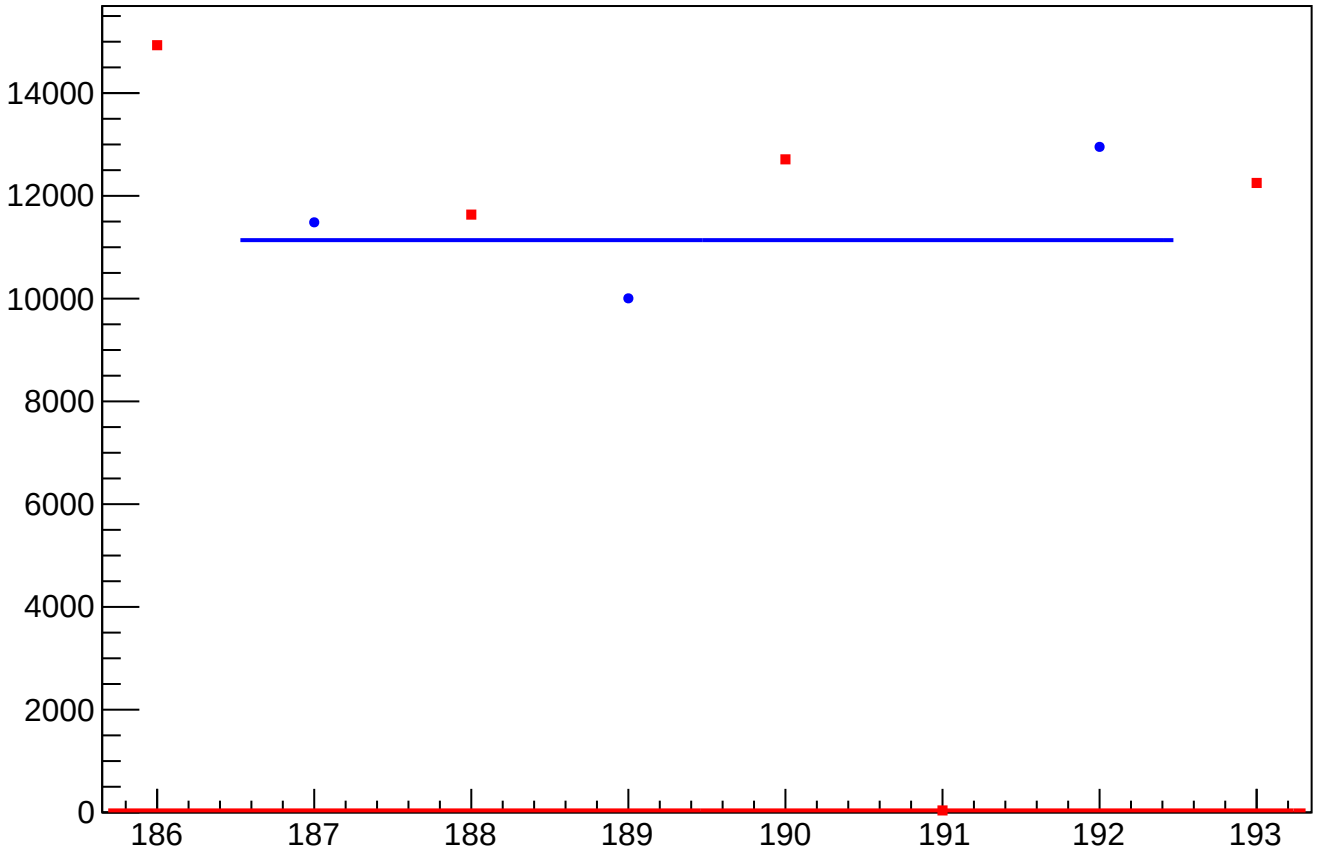
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.011+/-79.126 χ^2/NDF: 7.8/7

In: 6085.195+/-11059.330 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.011+/-79.126 χ^2/NDF: 7.8/7



Right In: 11138.267+/-7.820 χ^2/NDF: 28650.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.028+/-0.056 χ^2/NDF: 3115744.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

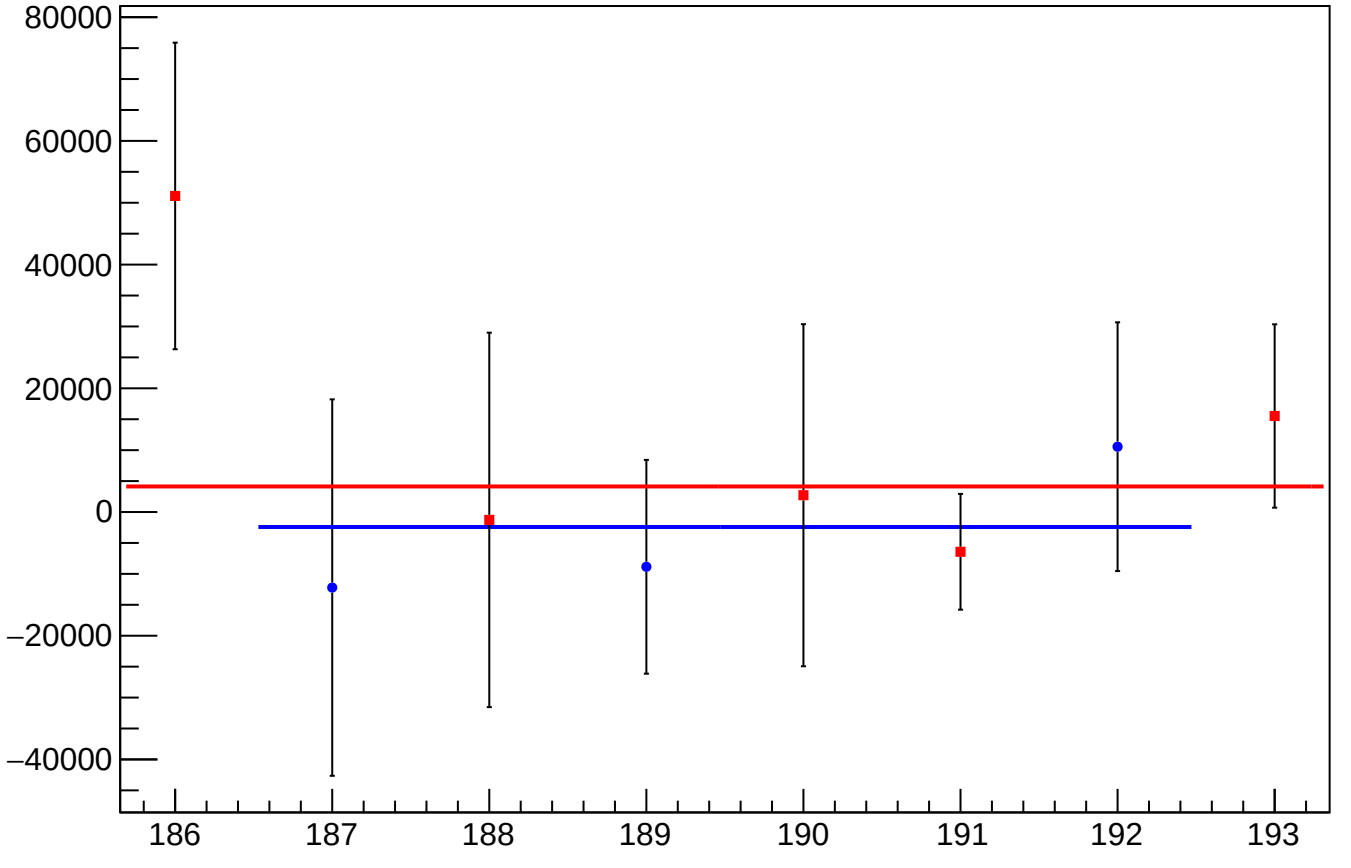
Right: 40.596+/-0.056 χ^2/NDF: 5158388.9/7

In: 11138.267+/-7.820 χ^2/NDF:28650.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 40.596+/-0.056 χ^2/NDF: 5158388.9/7

asym_atr2_mean vs Slug, Sign Corrected



Right In: -2423.383+/-12036.745 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4131.234+/-7072.039 χ^2/NDF: 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

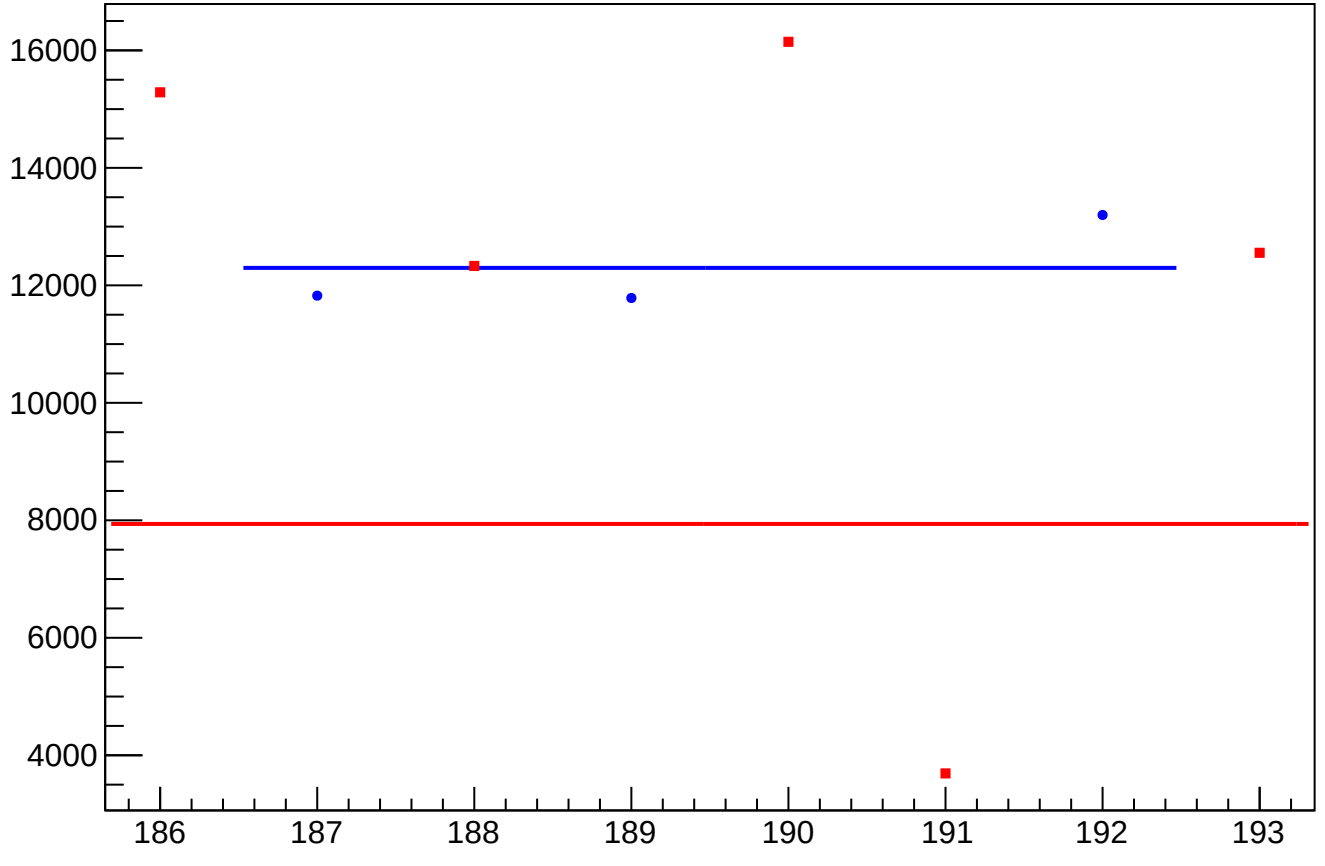
Right: 2449.212+/-6097.491 χ^2/NDF: 6.4/7

In: -2423.383+/-12036.745 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2449.212+/-6097.491 χ^2/NDF: 6.4/7

asym_atr2_rms vs Slug, Sign Corrected



Right In: 12297.320+/-8.511 χ^2/NDF: 6255.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7938.247+/-5.000 χ^2/NDF: 999952.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

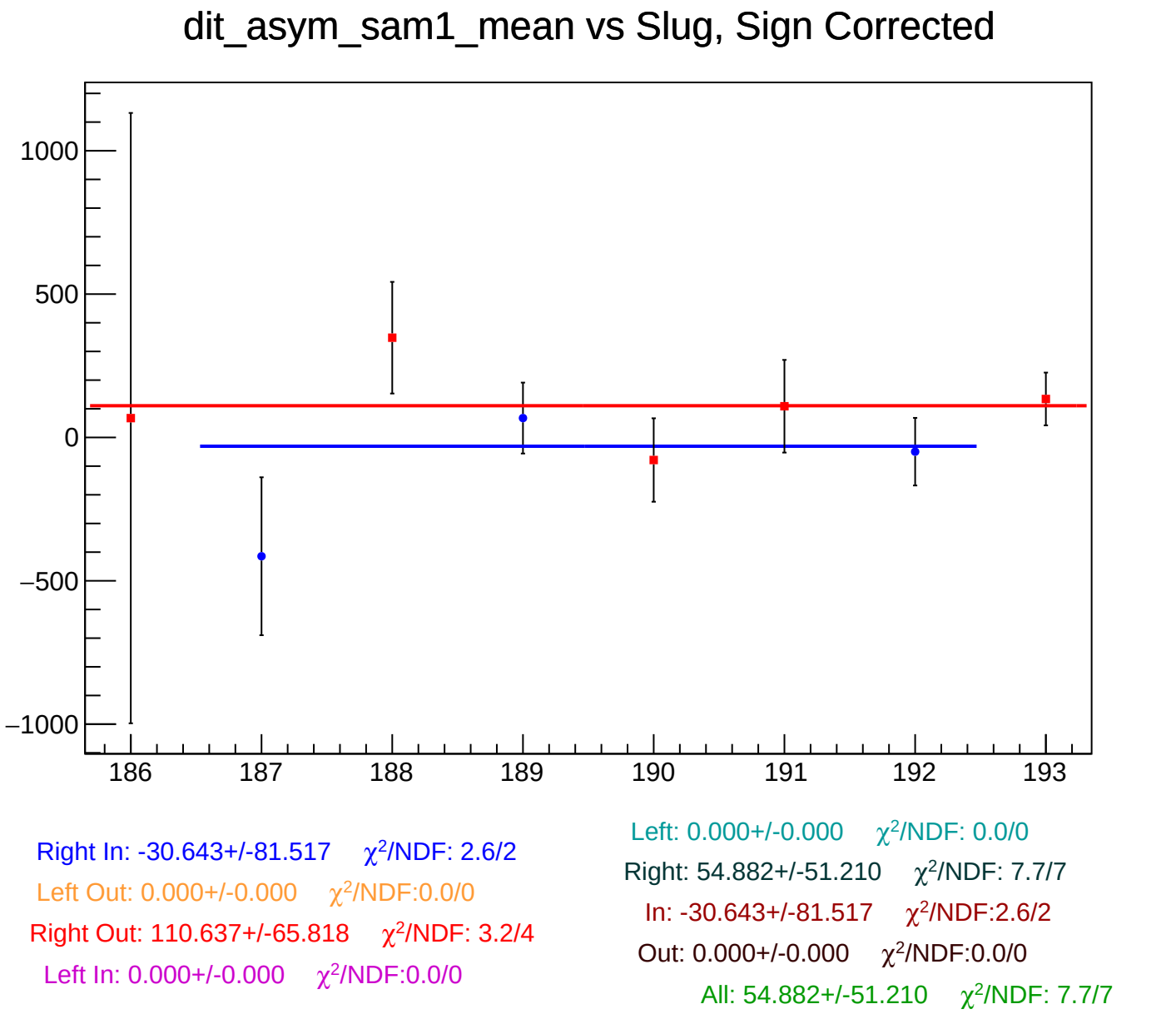
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9056.754+/-4.311 χ^2/NDF: 1201203.8/7

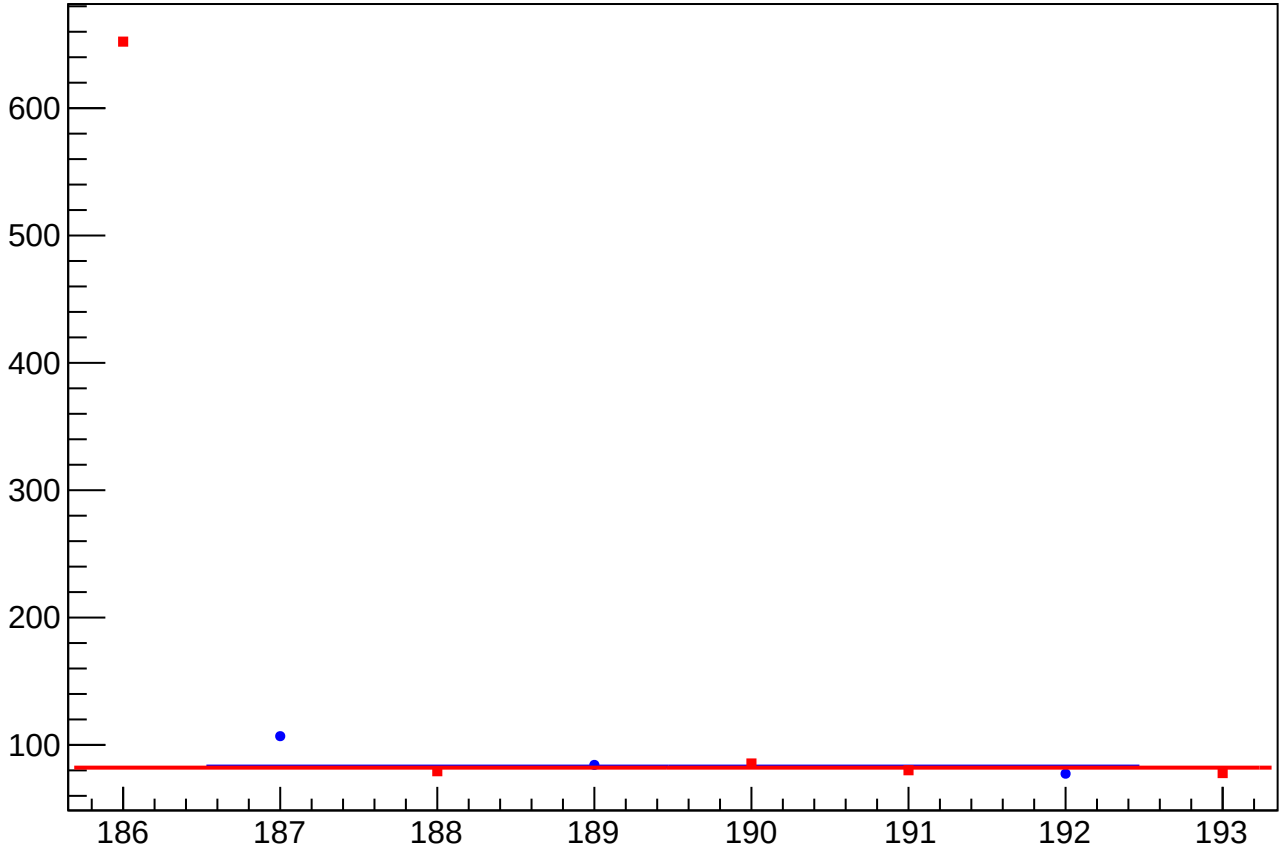
In: 12297.320+/-8.511 χ^2/NDF:6255.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9056.754+/-4.311 χ^2/NDF: 1201203.8/7


dit_asym_sam1_mean vs Slug, Sign Corrected
1000
500
0
−500
−1000
186
187
188
189
190
191
192
193
Right In: -30.643+/-81.517 χ²/NDF: 2.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 110.637+/-65.818 χ²/NDF: 3.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 54.882+/-51.210 χ²/NDF: 7.7/7
In: -30.643+/-81.517 χ²/NDF:2.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 54.882+/-51.210 χ²/NDF: 7.7/7

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 82.982+/-0.058 χ^2/NDF: 19750.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 82.157+/-0.047 χ^2/NDF: 579785.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

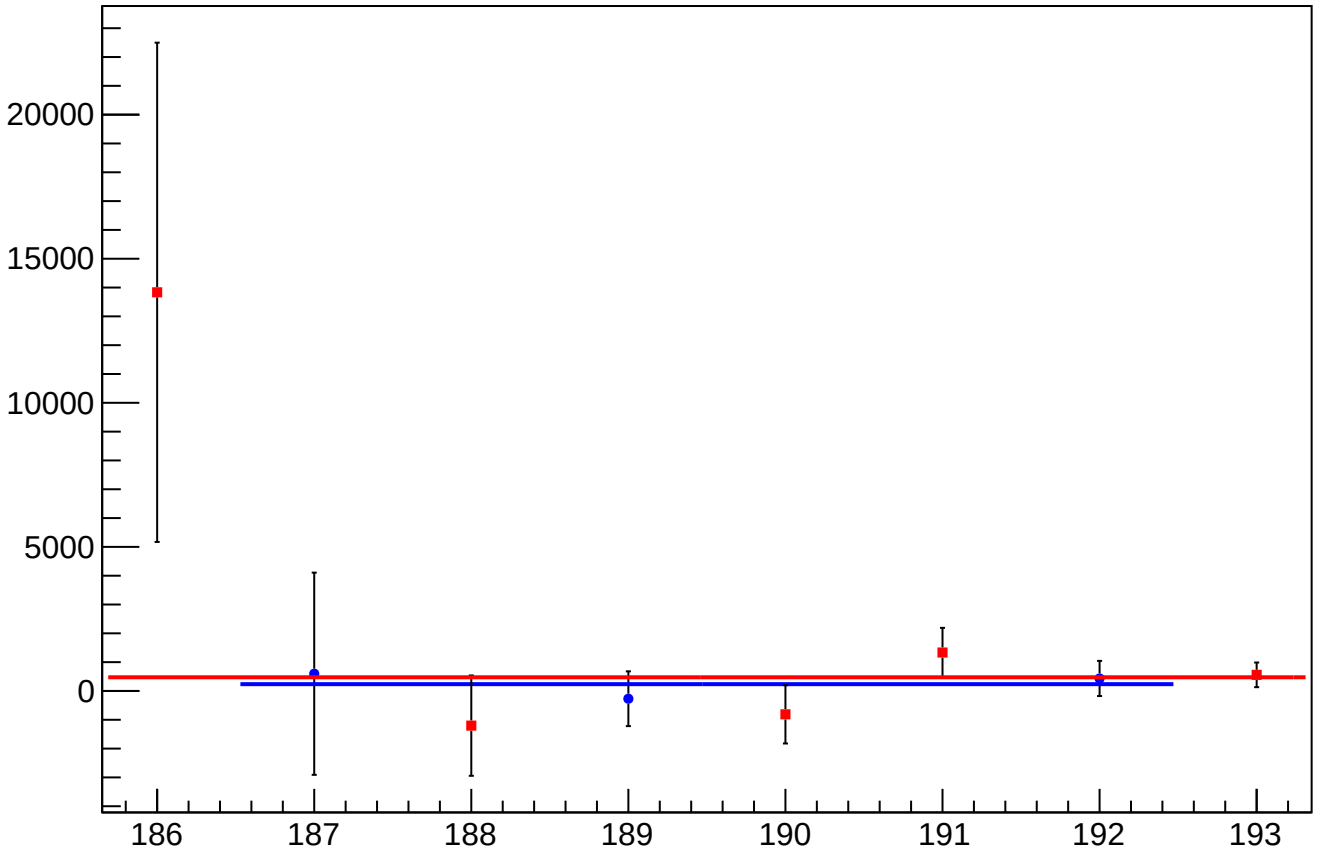
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 82.483+/-0.036 χ^2/NDF: 599659.5/7

In: 82.982+/-0.058 χ^2/NDF:19750.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 82.483+/-0.036 χ^2/NDF: 599659.5/7



Right In: 236.208+/-507.906 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 474.845+/-350.457 χ^2/NDF: 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

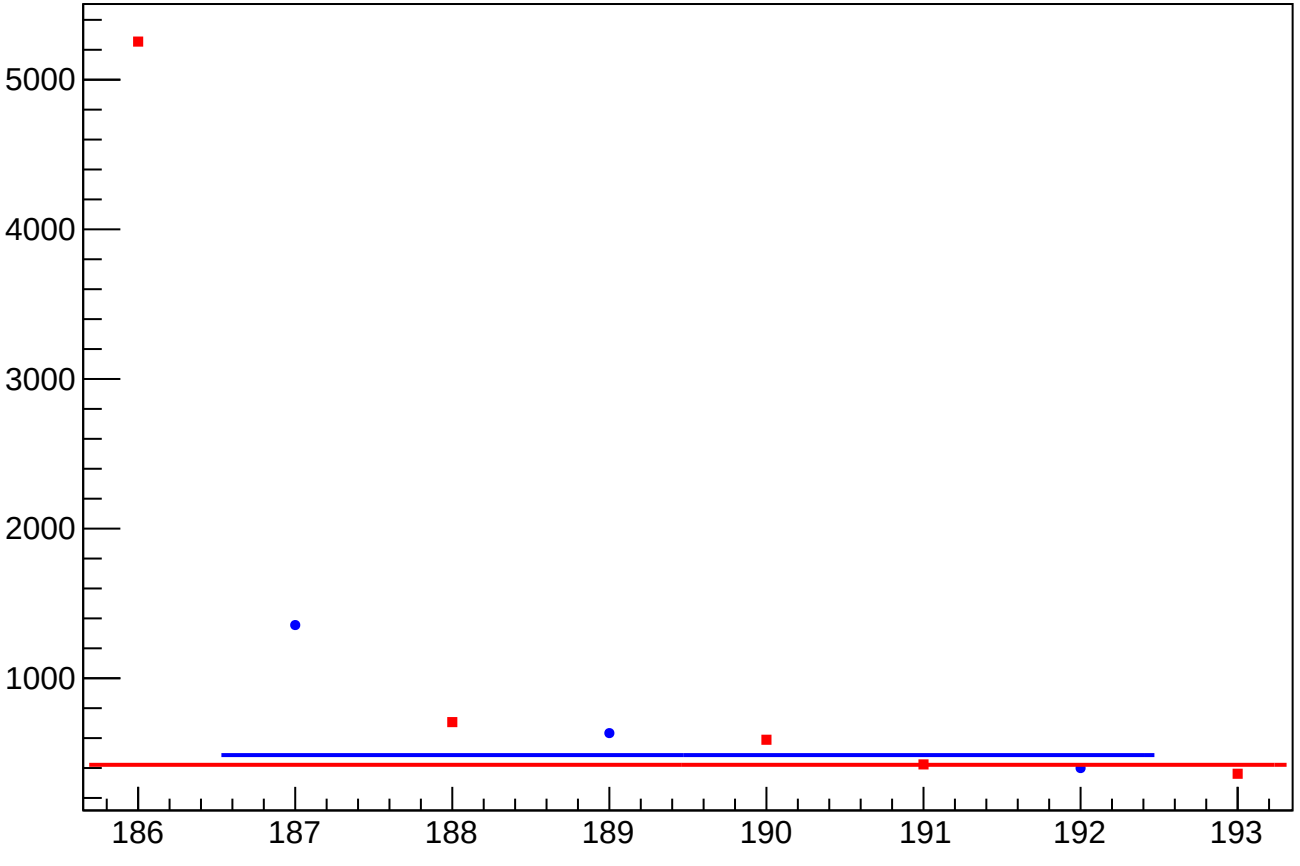
Right: 397.874+/-288.453 χ^2/NDF: 6.5/7

In: 236.208+/-507.906 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 397.874+/-288.453 χ^2/NDF: 6.5/7

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 486.461+/-0.359 χ^2/NDF: 211058.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 421.470+/-0.248 χ^2/NDF: 770040.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

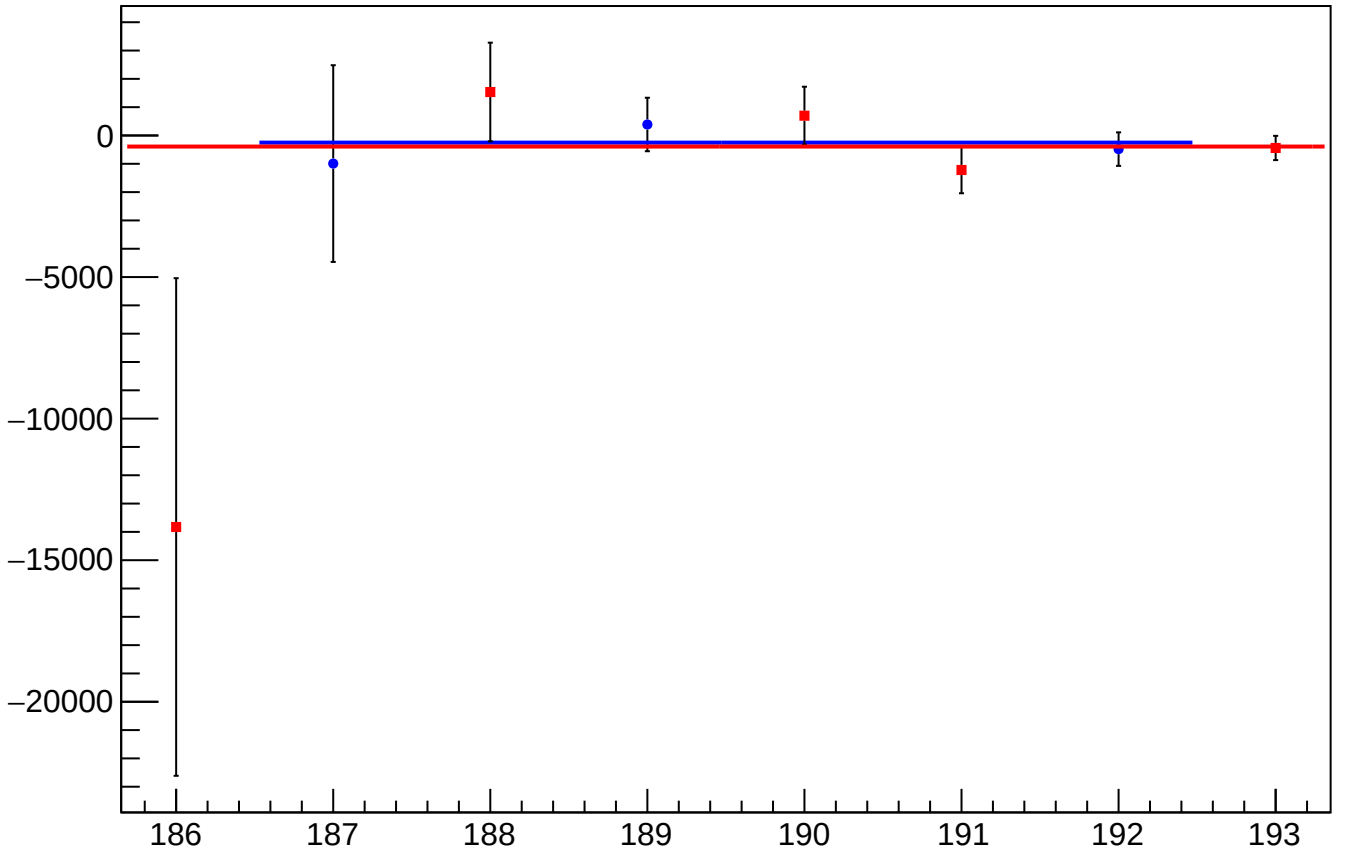
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 442.432+/-0.204 χ^2/NDF: 1003282.9/7

In: 486.461+/-0.359 χ^2/NDF:211058.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 442.432+/-0.204 χ^2/NDF: 1003282.9/7



Right In: -251.530+/-496.306 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -390.661+/-348.396 χ^2/NDF: 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

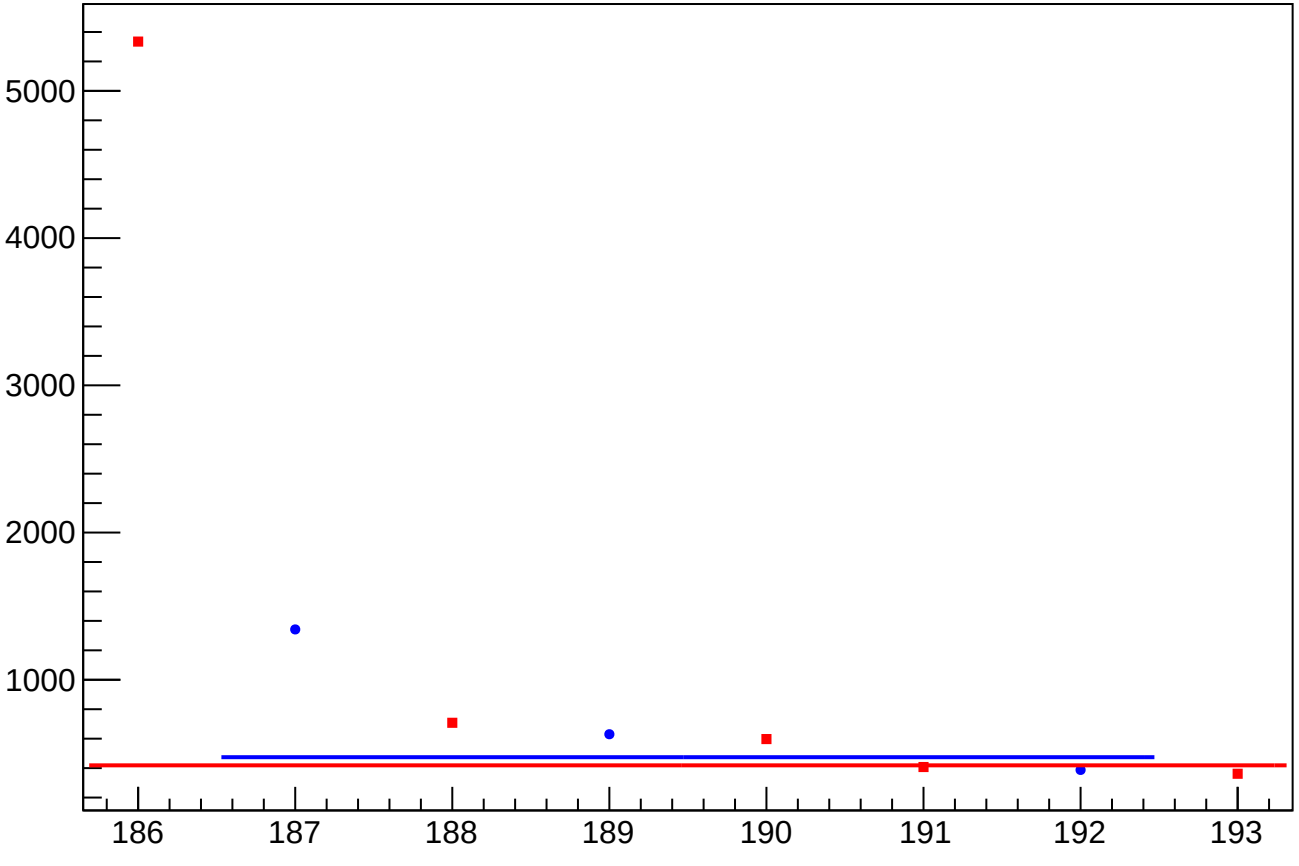
Right: -344.733+/-285.152 χ^2/NDF: 6.4/7

In: -251.530+/-496.306 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -344.733+/-285.152 χ^2/NDF: 6.4/7

asym_sam1_rms vs Slug, Sign Corrected



Right In: 474.129+/-0.351 χ^2/NDF: 222105.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 418.830+/-0.246 χ^2/NDF: 777868.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

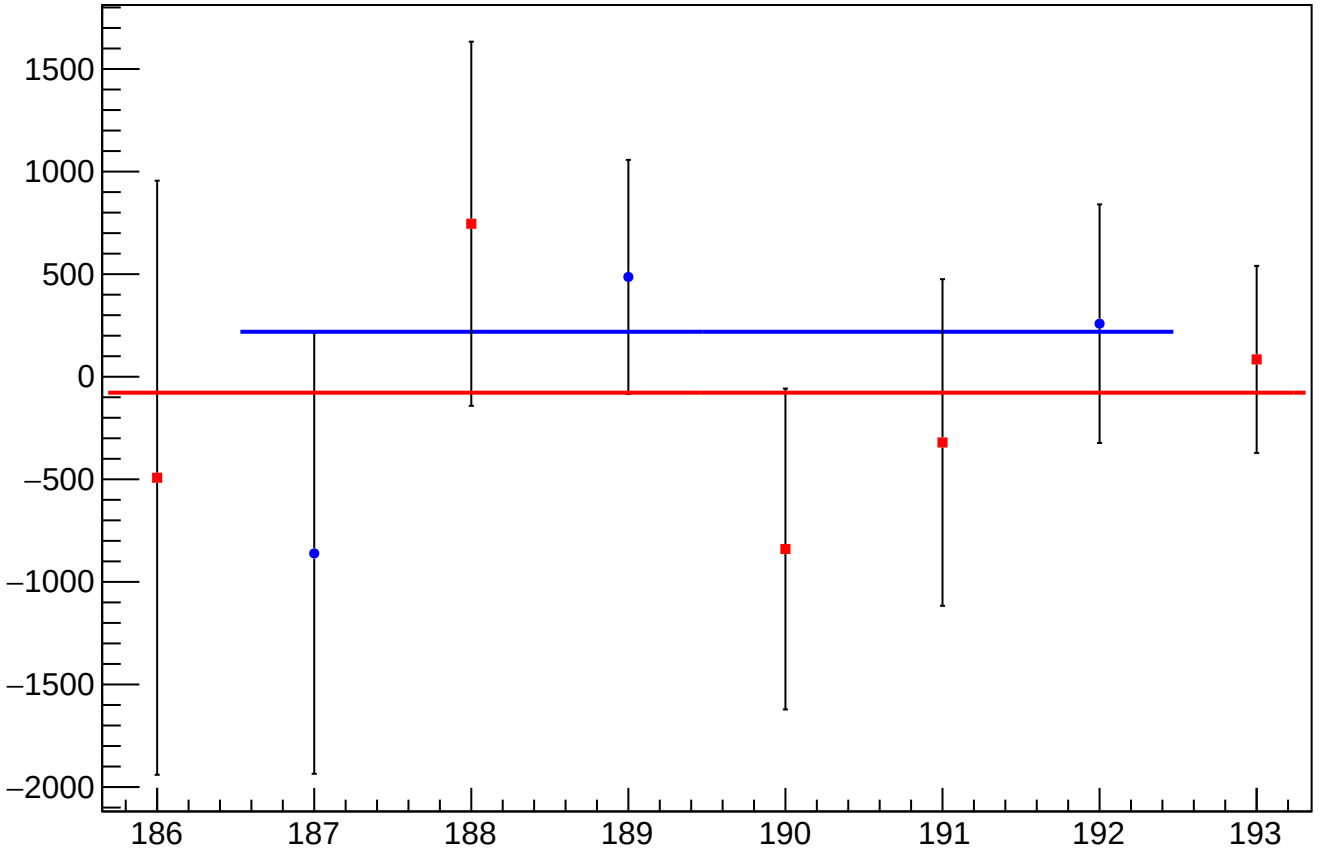
Right: 437.084+/-0.202 χ^2/NDF: 1016607.5/7

In: 474.129+/-0.351 χ^2/NDF:222105.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 437.084+/-0.202 χ^2/NDF: 1016607.5/7

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 219.231+/-380.919 χ^2/NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -77.780+/-319.918 χ^2/NDF: 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

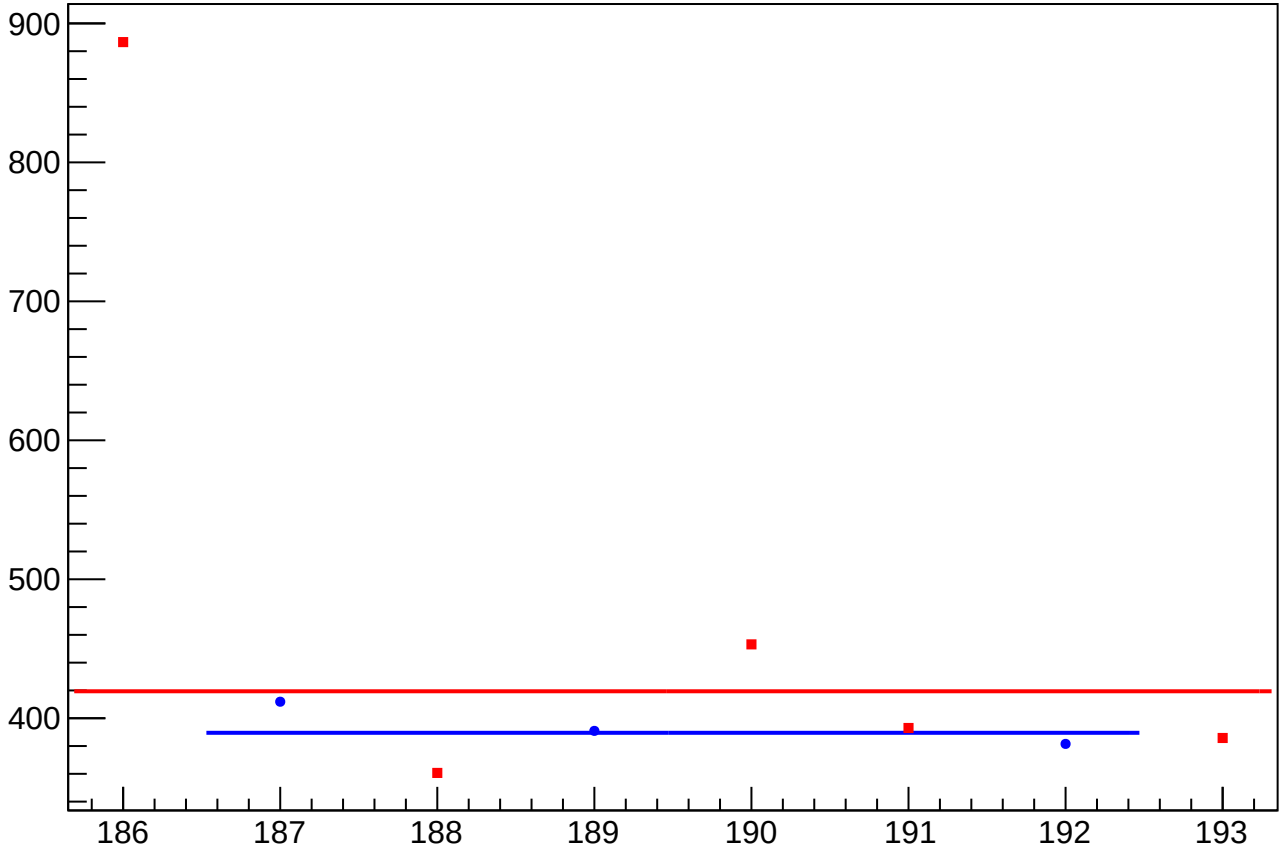
Right: 45.068+/-244.980 χ^2/NDF: 3.7/7

In: 219.231+/-380.919 χ^2/NDF:1.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 45.068+/-244.980 χ^2/NDF: 3.7/7

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 389.521+/-0.269 χ^2/NDF: 1256.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 419.403+/-0.226 χ^2/NDF: 233742.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

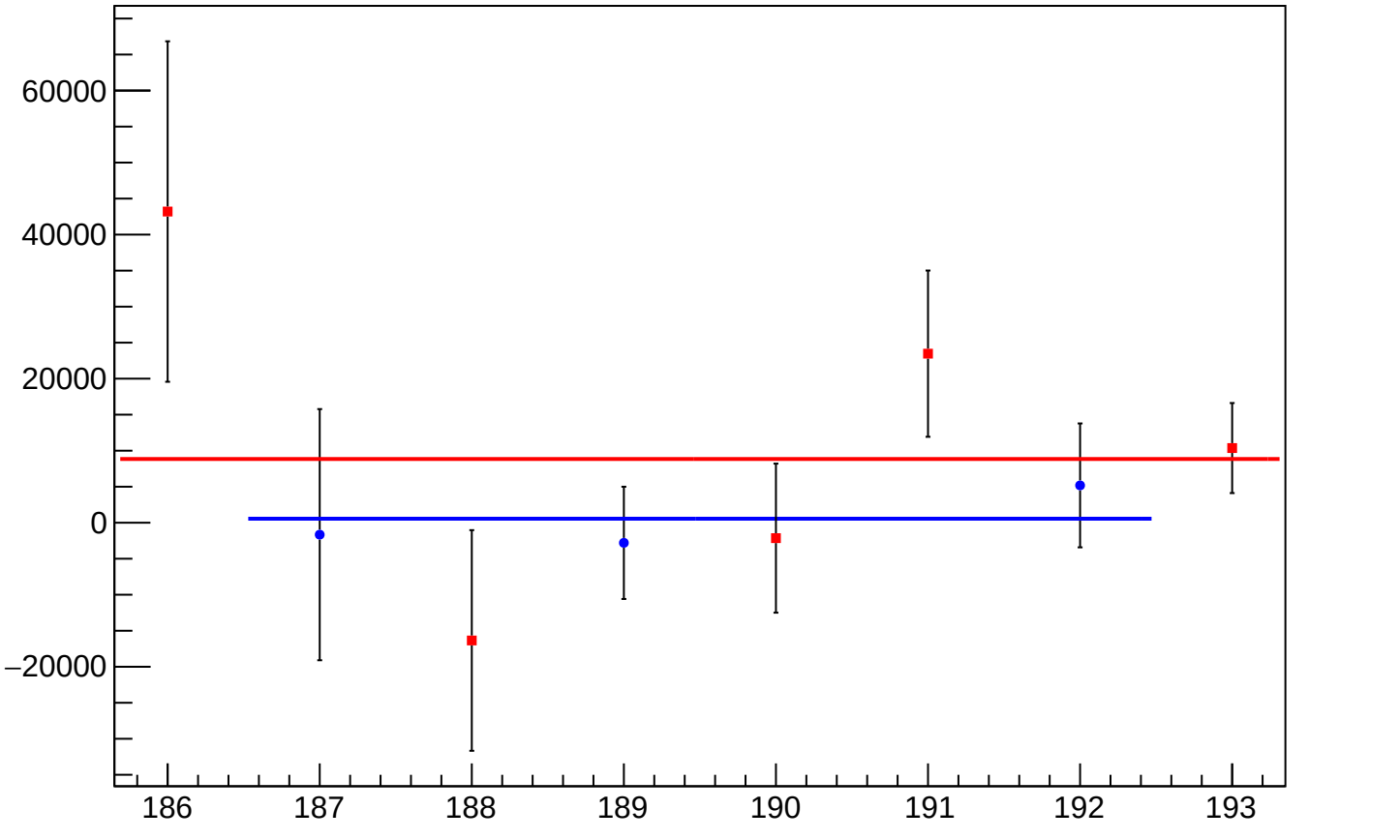
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 407.043+/-0.173 χ^2/NDF: 242215.6/7

In: 389.521+/-0.269 χ^2/NDF:1256.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 407.043+/-0.173 χ^2/NDF: 242215.6/7



Right In: 557.098+/-5483.084 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8847.137+/-4541.618 χ^2/NDF: 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

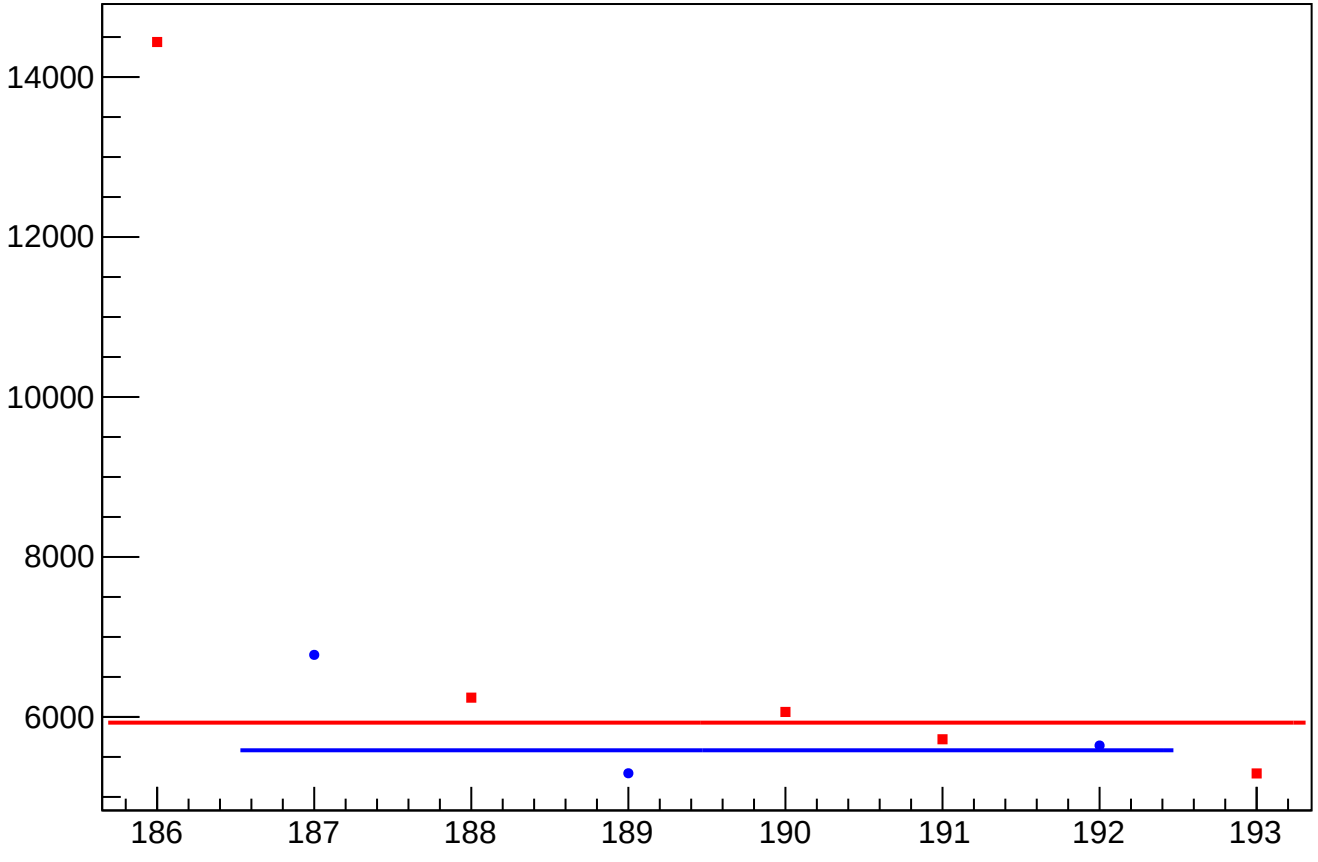
Right: 5473.866+/-3497.617 χ^2/NDF: 9.5/7

In: 557.098+/-5483.084 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5473.866+/-3497.617 χ^2/NDF: 9.5/7

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5583.272+/-3.877 χ^2/NDF: 12172.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5928.793+/-3.211 χ^2/NDF: 281604.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

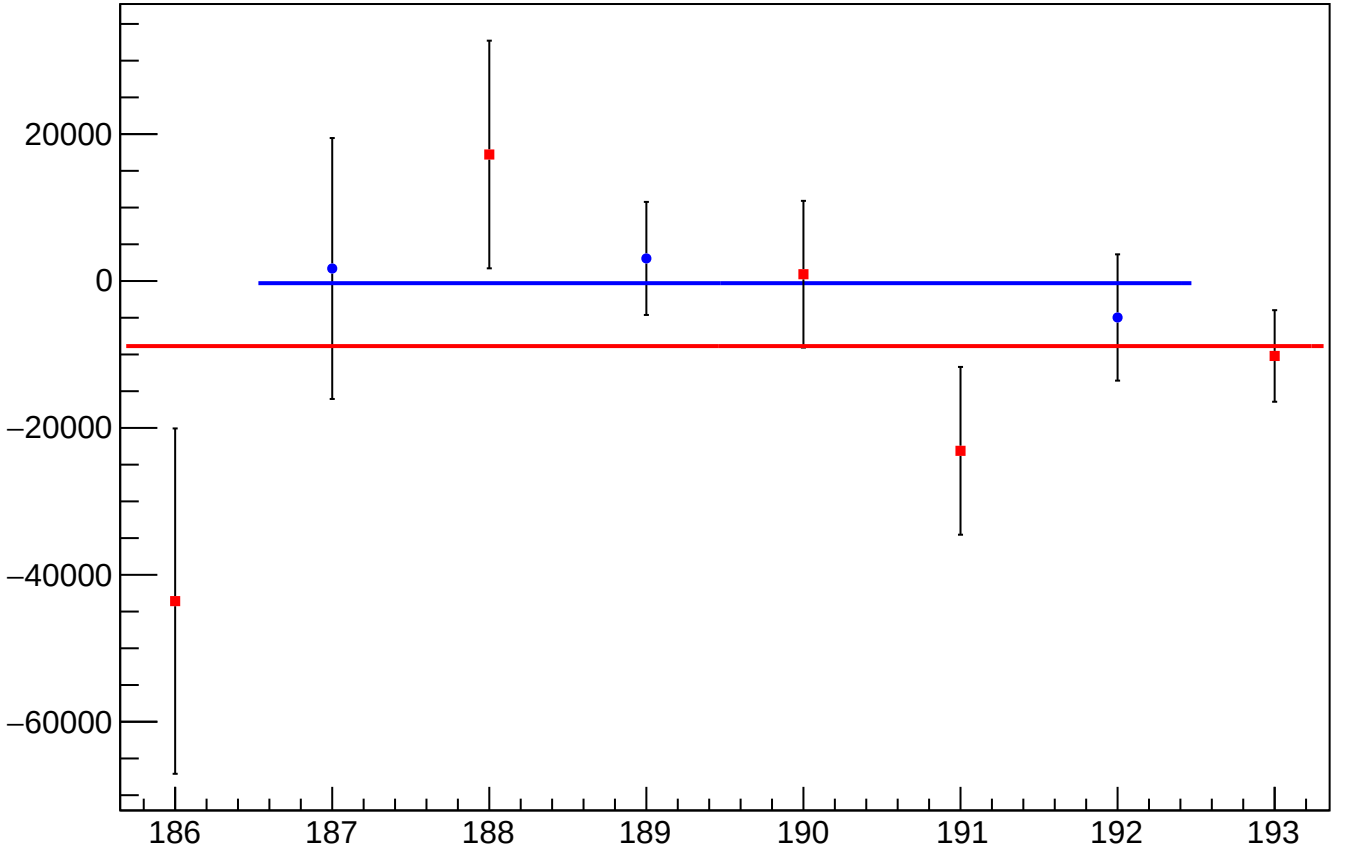
Right: 5788.198+/-2.473 χ^2/NDF: 298487.0/7

In: 5583.272+/-3.877 χ^2/NDF:12172.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5788.198+/-2.473 χ^2/NDF: 298487.0/7

asym_sam2_mean vs Slug, Sign Corrected



Right In: -293.313+/-5456.829 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8858.783+/-4499.537 χ^2/NDF: 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

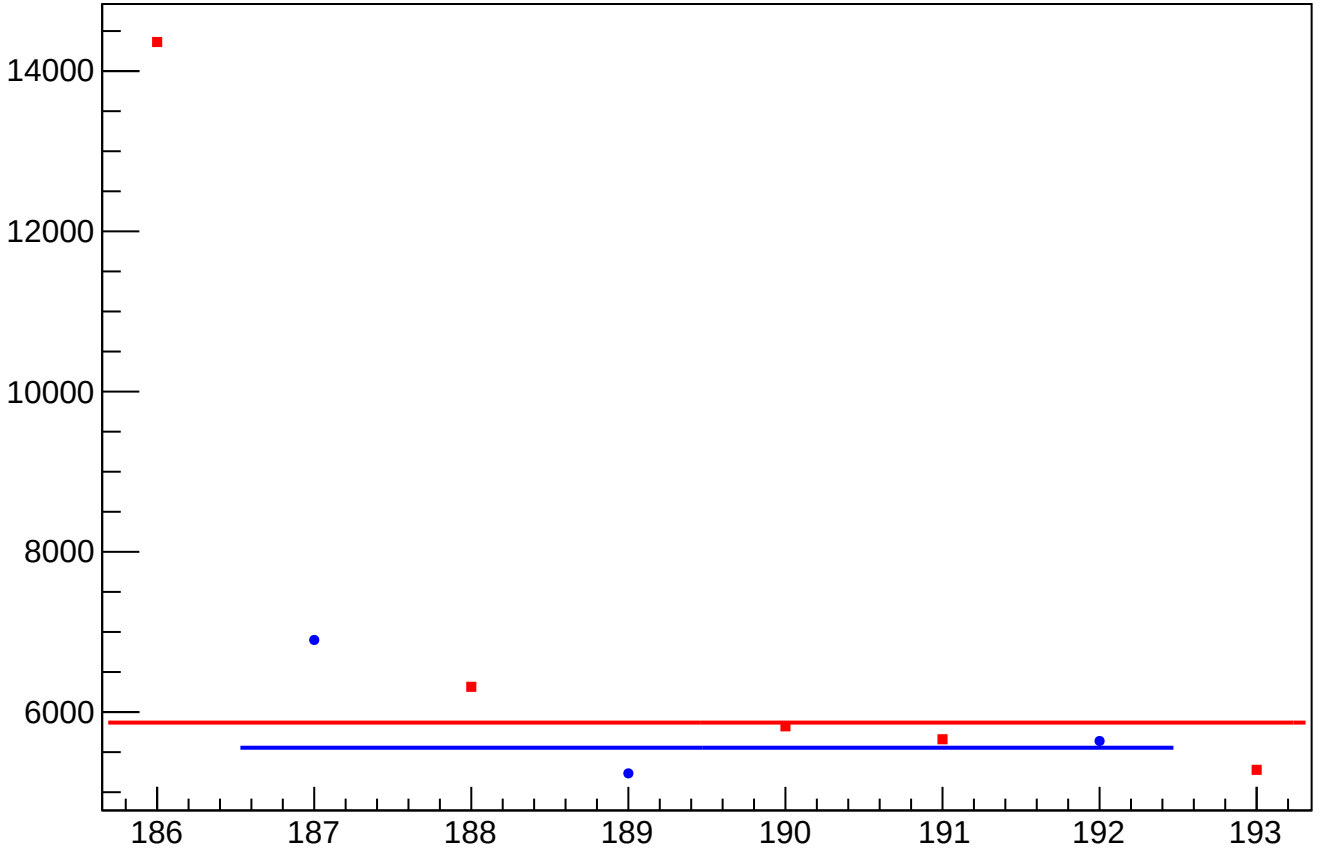
Right: -5392.063+/-3471.556 χ^2/NDF: 9.5/7

In: -293.313+/-5456.829 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5392.063+/-3471.556 χ^2/NDF: 9.5/7

asym_sam2_rms vs Slug, Sign Corrected



Right In: 5555.112+/-3.859 χ^2/NDF: 15116.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5868.801+/-3.182 χ^2/NDF: 281373.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

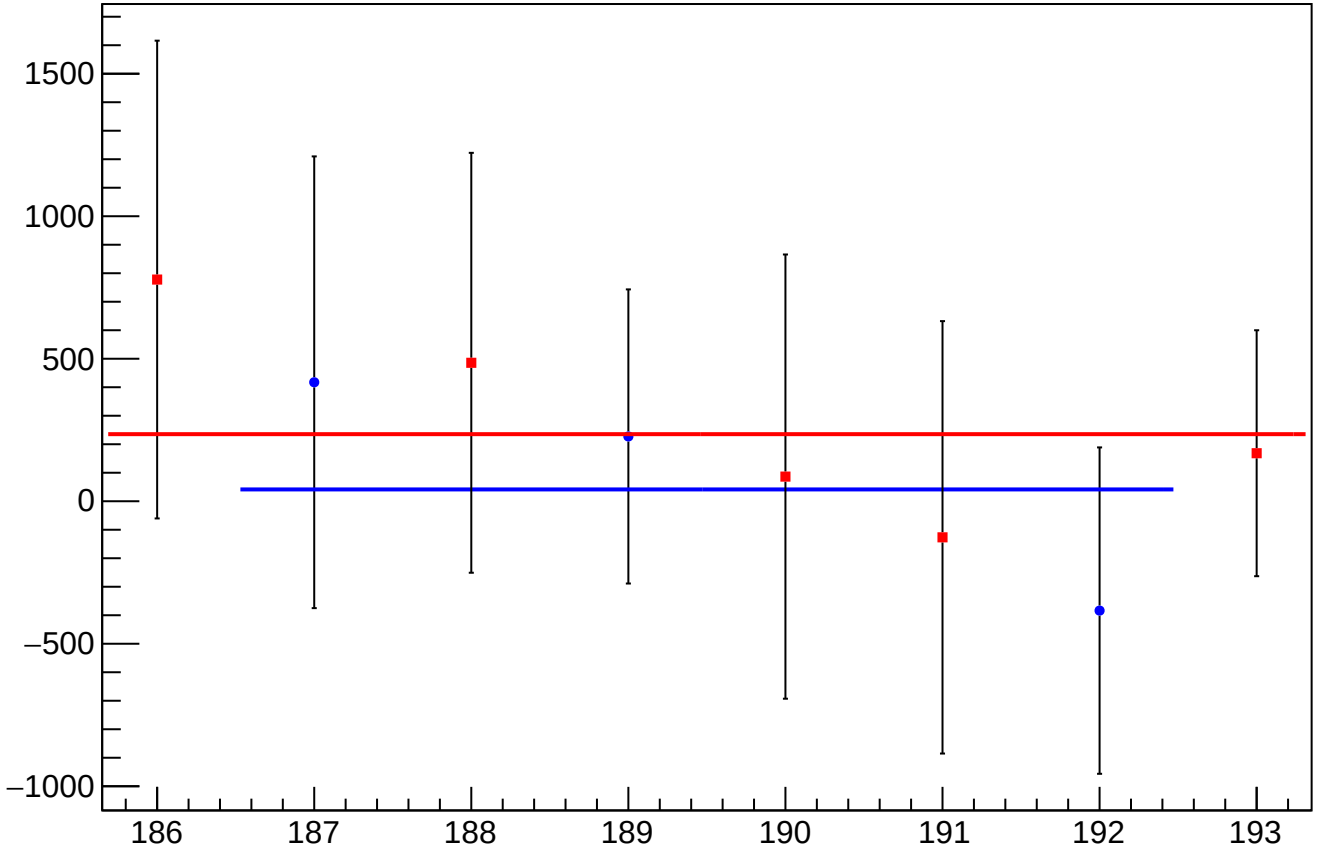
Right: 5741.841+/-2.455 χ^2/NDF: 300424.4/7

In: 5555.112+/-3.859 χ^2/NDF:15116.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5741.841+/-2.455 χ^2/NDF: 300424.4/7

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 41.449+/-345.068 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 235.363+/-288.410 χ^2/NDF: 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

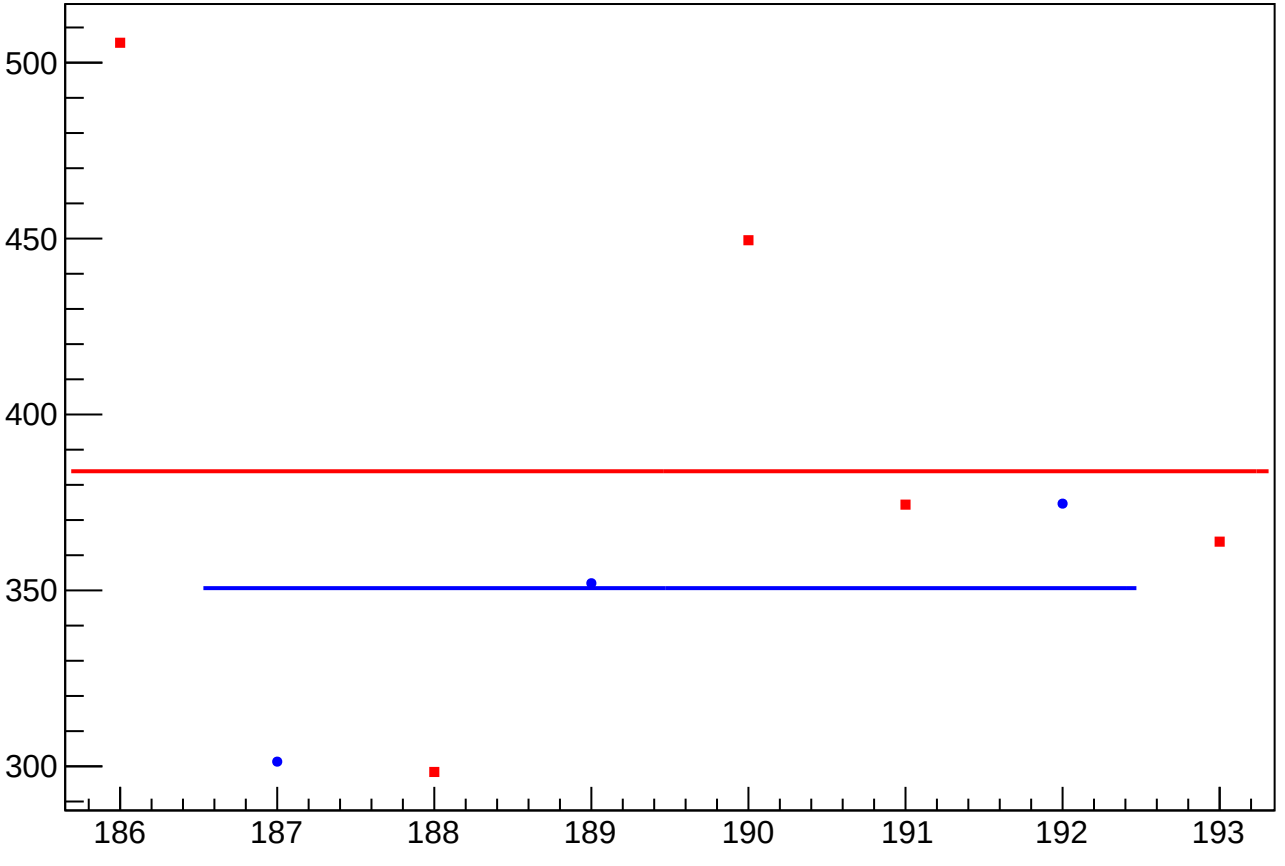
Right: 155.612+/-221.293 χ^2/NDF: 1.9/7

In: 41.449+/-345.068 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 155.612+/-221.293 χ^2/NDF: 1.9/7

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 350.645+/-0.244 χ^2/NDF: 11278.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 383.867+/-0.204 χ^2/NDF: 87964.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

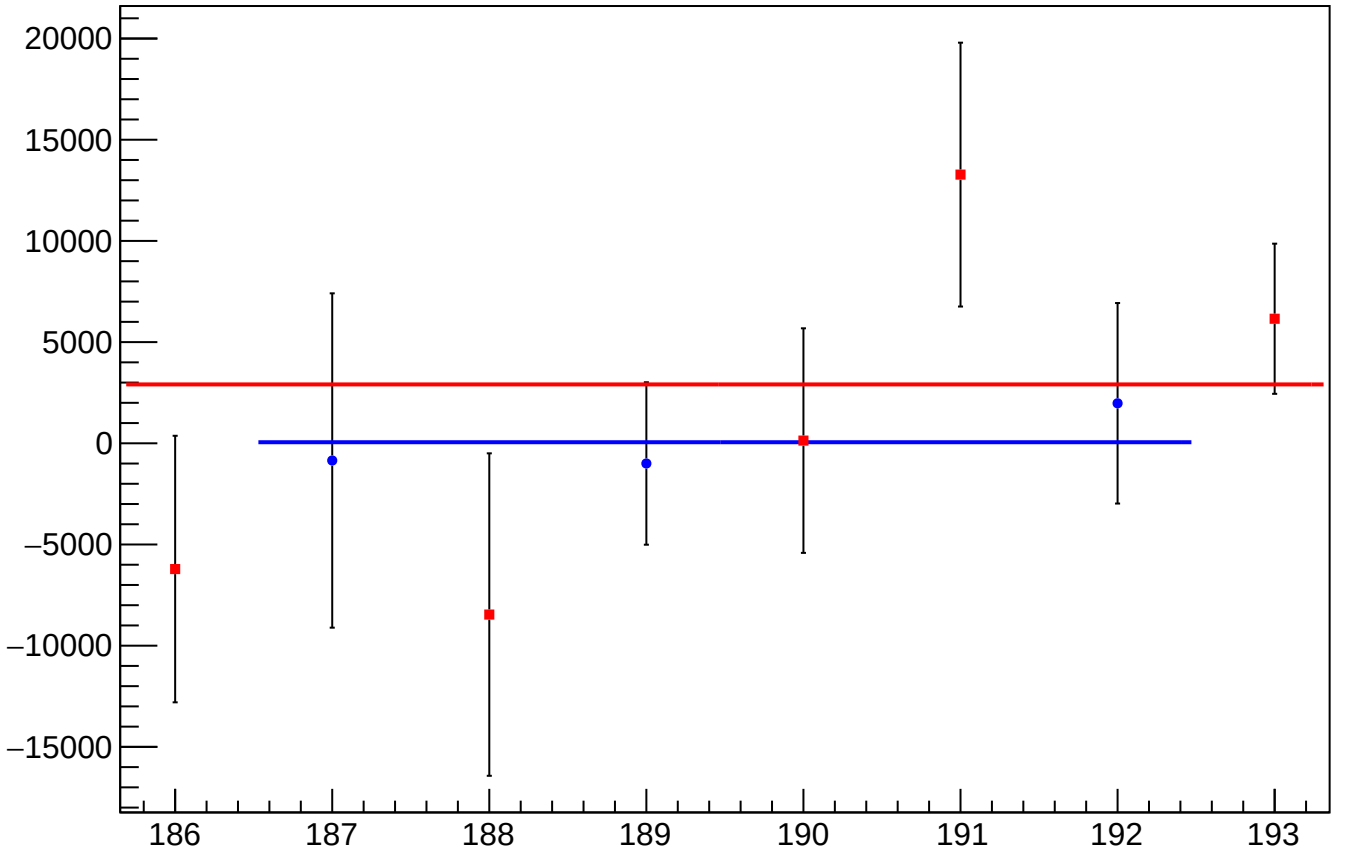
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 370.204+/-0.156 χ^2/NDF: 110157.0/7

In: 350.645+/-0.244 χ^2/NDF:11278.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 370.204+/-0.156 χ^2/NDF: 110157.0/7



Right In: 52.714+/-2917.434 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2909.593+/-2443.438 χ^2/NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

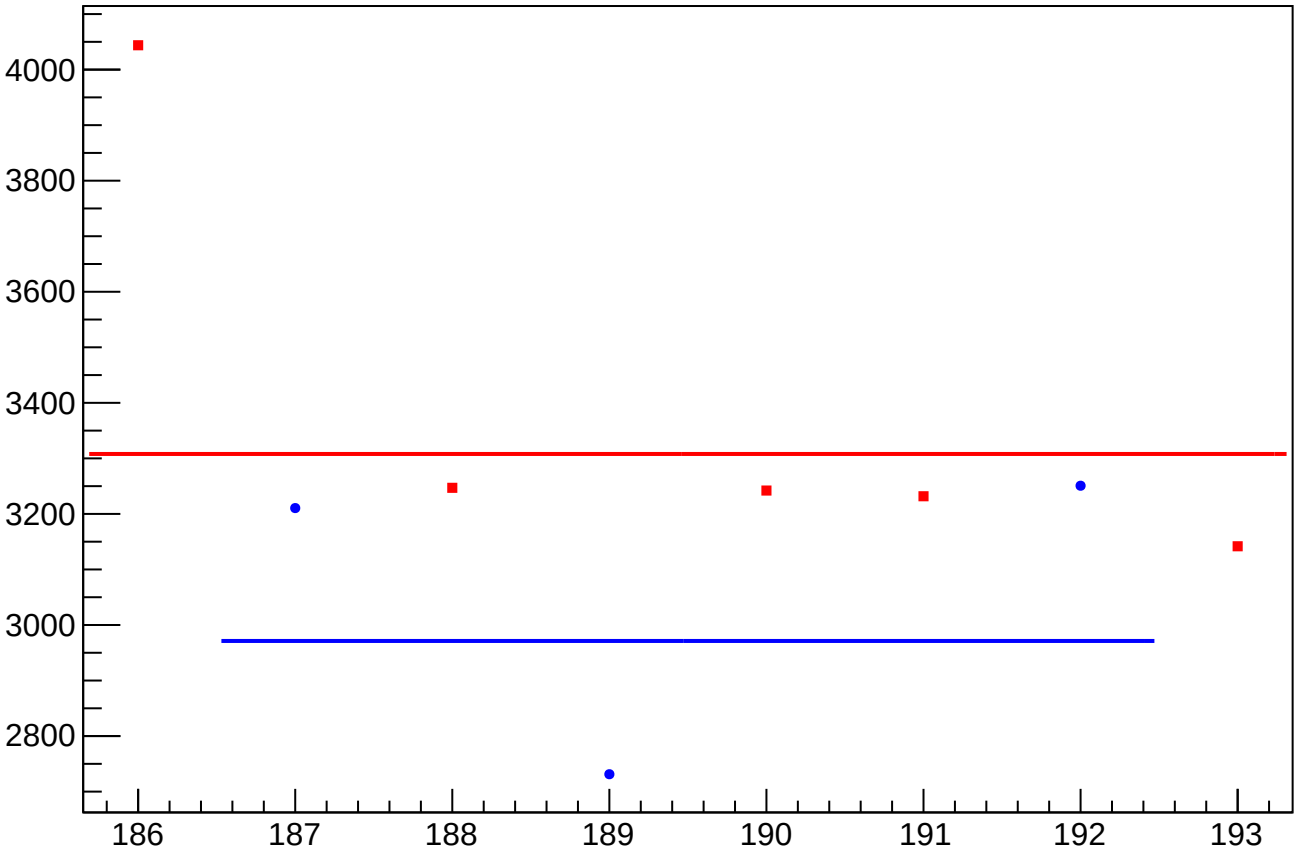
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1731.792+/-1873.229 χ^2/NDF: 8.3/7

In: 52.714+/-2917.434 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1731.792+/-1873.229 χ^2/NDF: 8.3/7



Right In: 2971.261+/-2.063 χ^2/NDF: 15193.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3307.949+/-1.728 χ^2/NDF: 29661.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

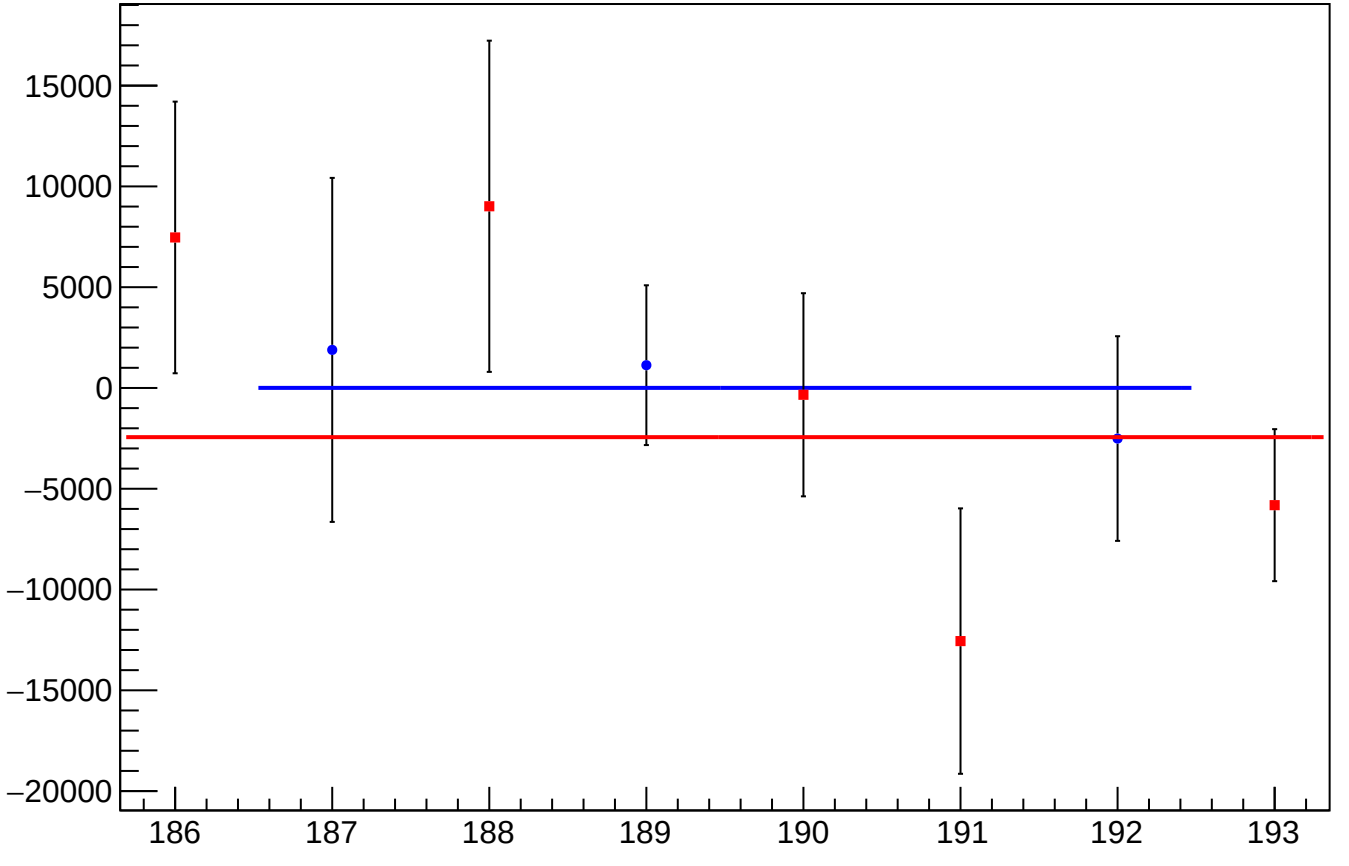
Right: 3169.143+/-1.325 χ^2/NDF: 60510.6/7

In: 2971.261+/-2.063 χ^2/NDF:15193.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3169.143+/-1.325 χ^2/NDF: 60510.6/7

asym_sam3_mean vs Slug, Sign Corrected



Right In: 4.593+/-2933.759 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2439.767+/-2428.182 χ^2/NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

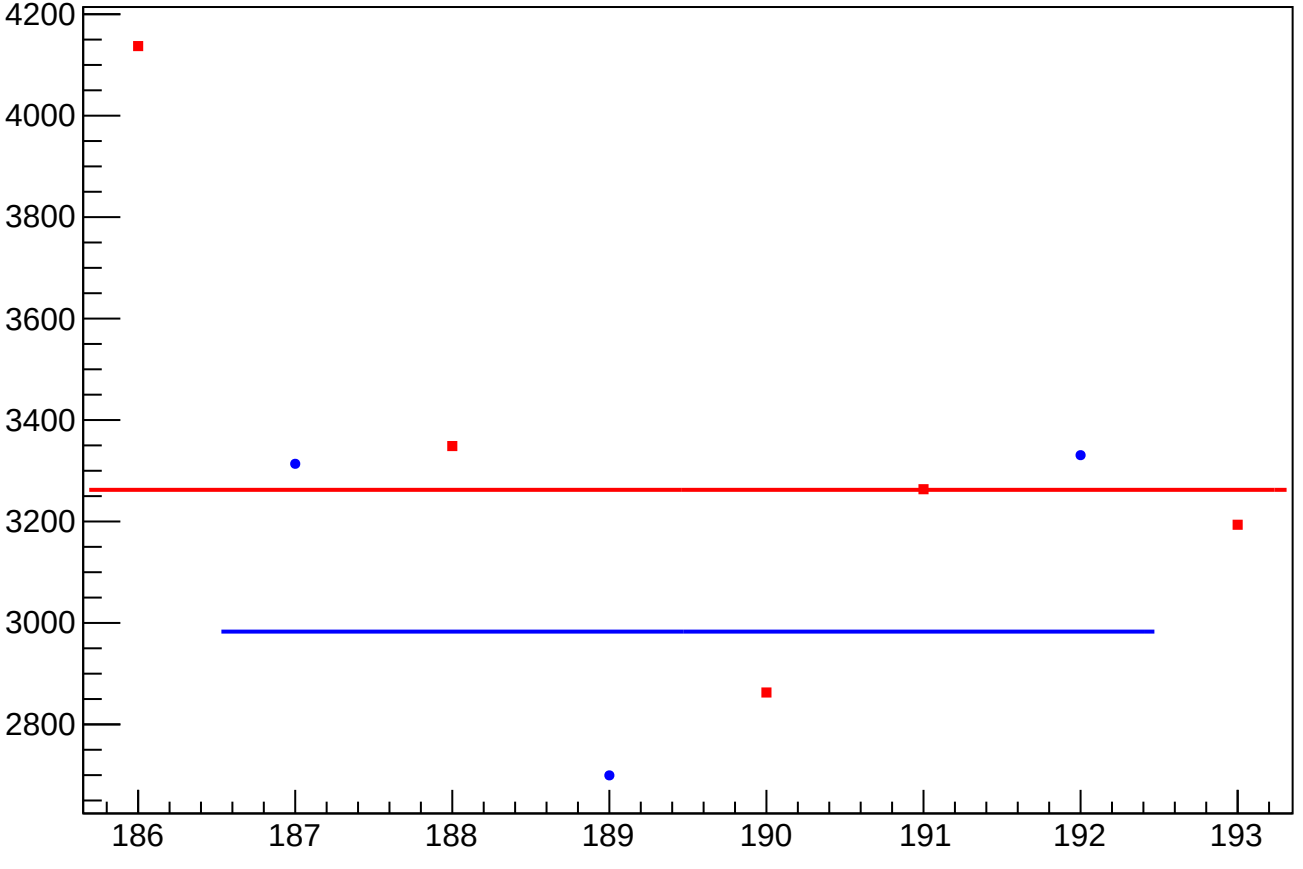
Right: -1446.034+/-1870.582 χ^2/NDF: 8.2/7

In: 4.593+/-2933.759 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1446.034+/-1870.582 χ^2/NDF: 8.2/7

asym_sam3_rms vs Slug, Sign Corrected



Right In: 2982.926+/-2.074 χ^2/NDF: 22619.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3262.392+/-1.717 χ^2/NDF: 47164.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

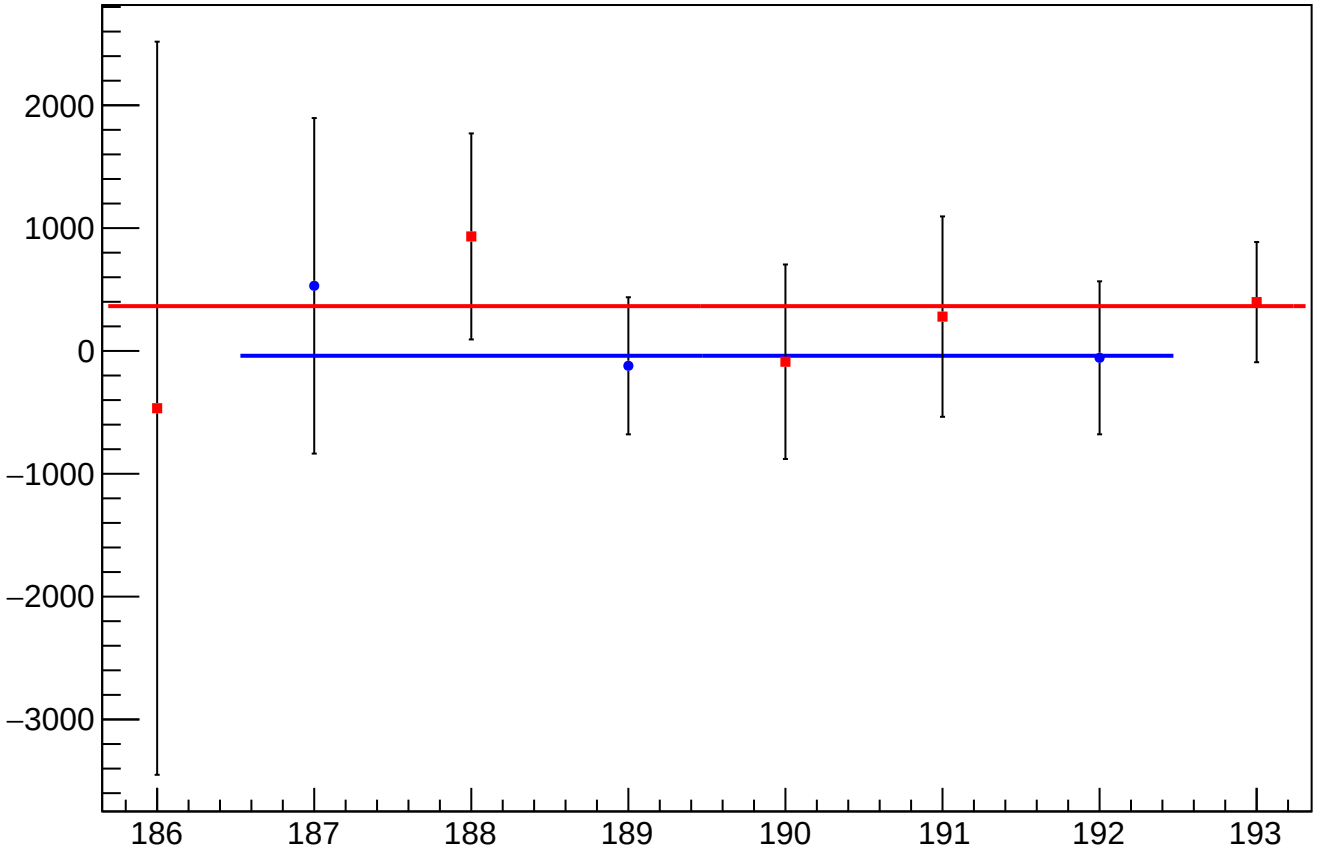
Right: 3148.778+/-1.323 χ^2/NDF: 80554.5/7

In: 2982.926+/-2.074 χ^2/NDF:22619.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3148.778+/-1.323 χ^2/NDF: 80554.5/7

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -39.269+/-397.590 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 364.775+/-336.973 χ^2/NDF: 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

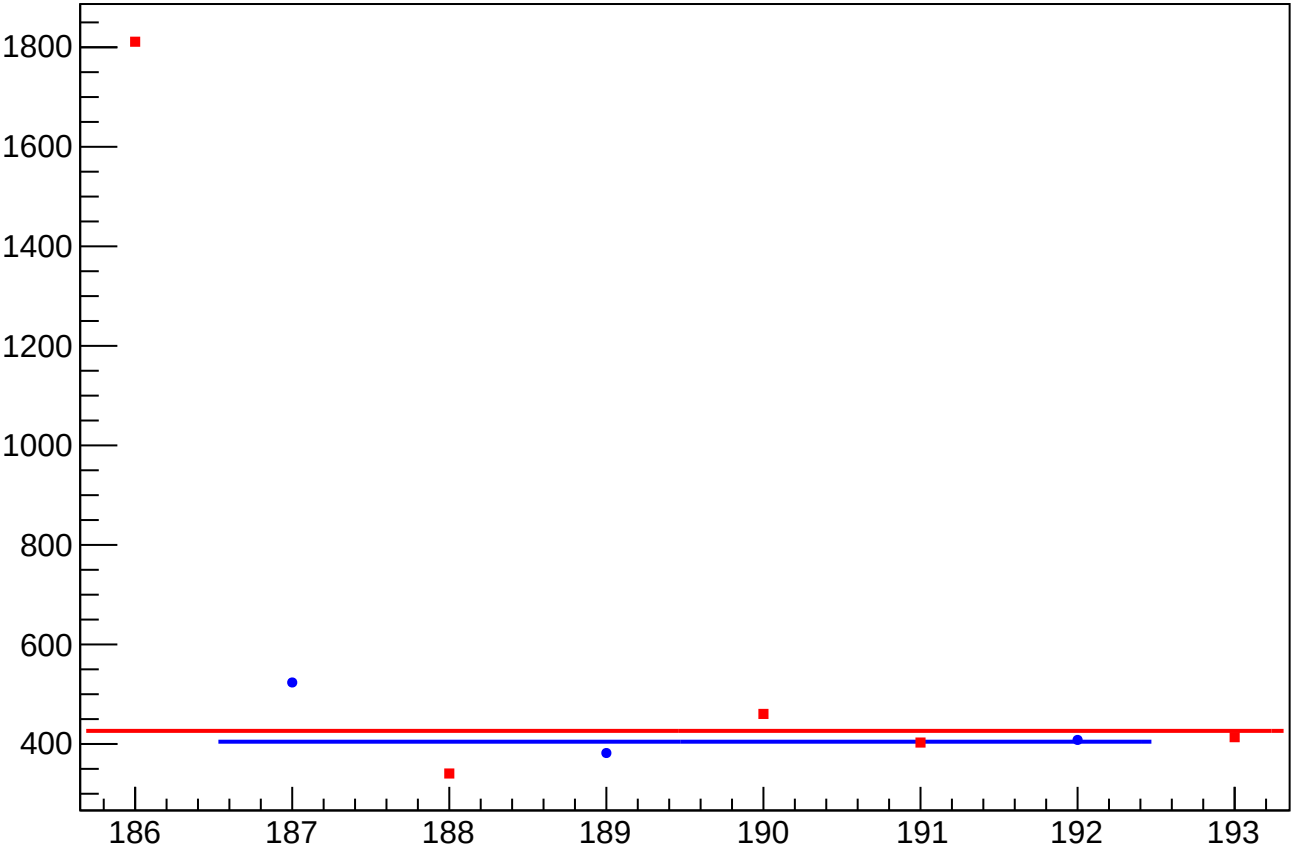
Right: 195.870+/-257.065 χ^2/NDF: 1.7/7

In: -39.269+/-397.590 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 195.870+/-257.065 χ^2/NDF: 1.7/7

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 404.587+/-0.281 χ^2/NDF: 18569.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 426.331+/-0.238 χ^2/NDF: 458266.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

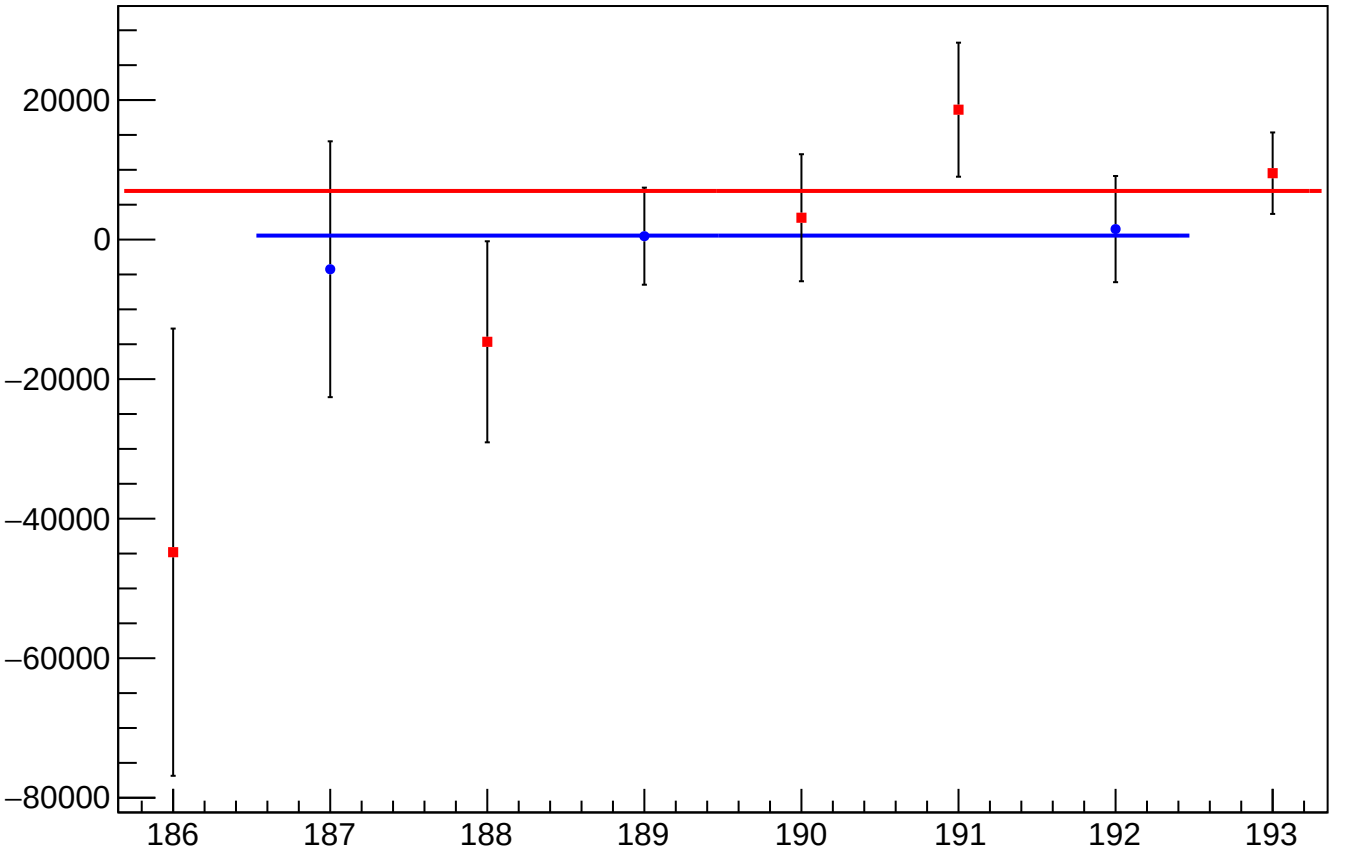
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 417.241+/-0.182 χ^2/NDF: 480316.8/7

In: 404.587+/-0.281 χ^2/NDF:18569.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 417.241+/-0.182 χ^2/NDF: 480316.8/7



Right In: 572.662+/-4944.401 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6971.298+/-4151.024 χ^2/NDF: 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

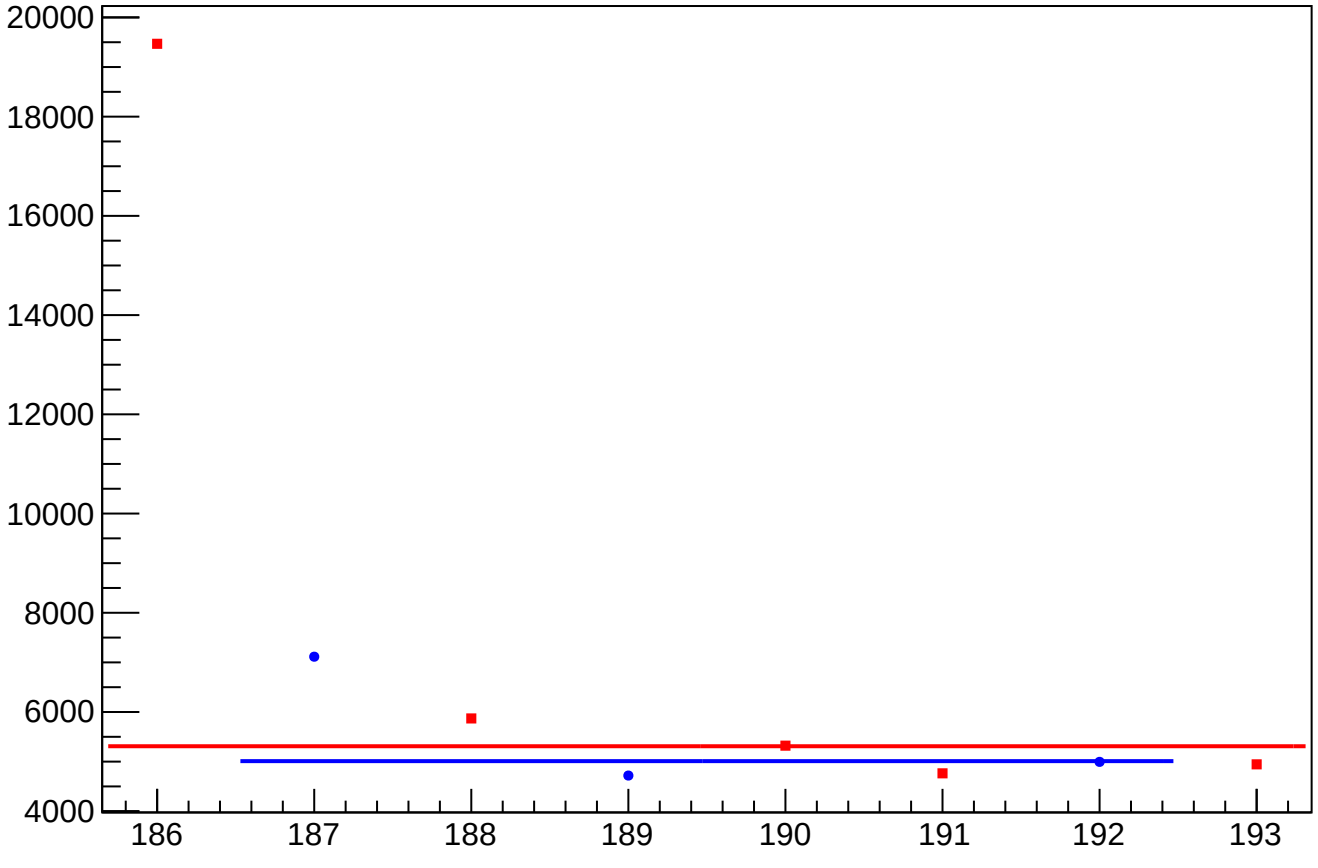
Right: 4325.906+/-3179.179 χ^2/NDF: 7.8/7

In: 572.662+/-4944.401 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4325.906+/-3179.179 χ^2/NDF: 7.8/7

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 5009.752+/-3.496 χ^2/NDF: 29861.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5309.930+/-2.935 χ^2/NDF: 407632.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

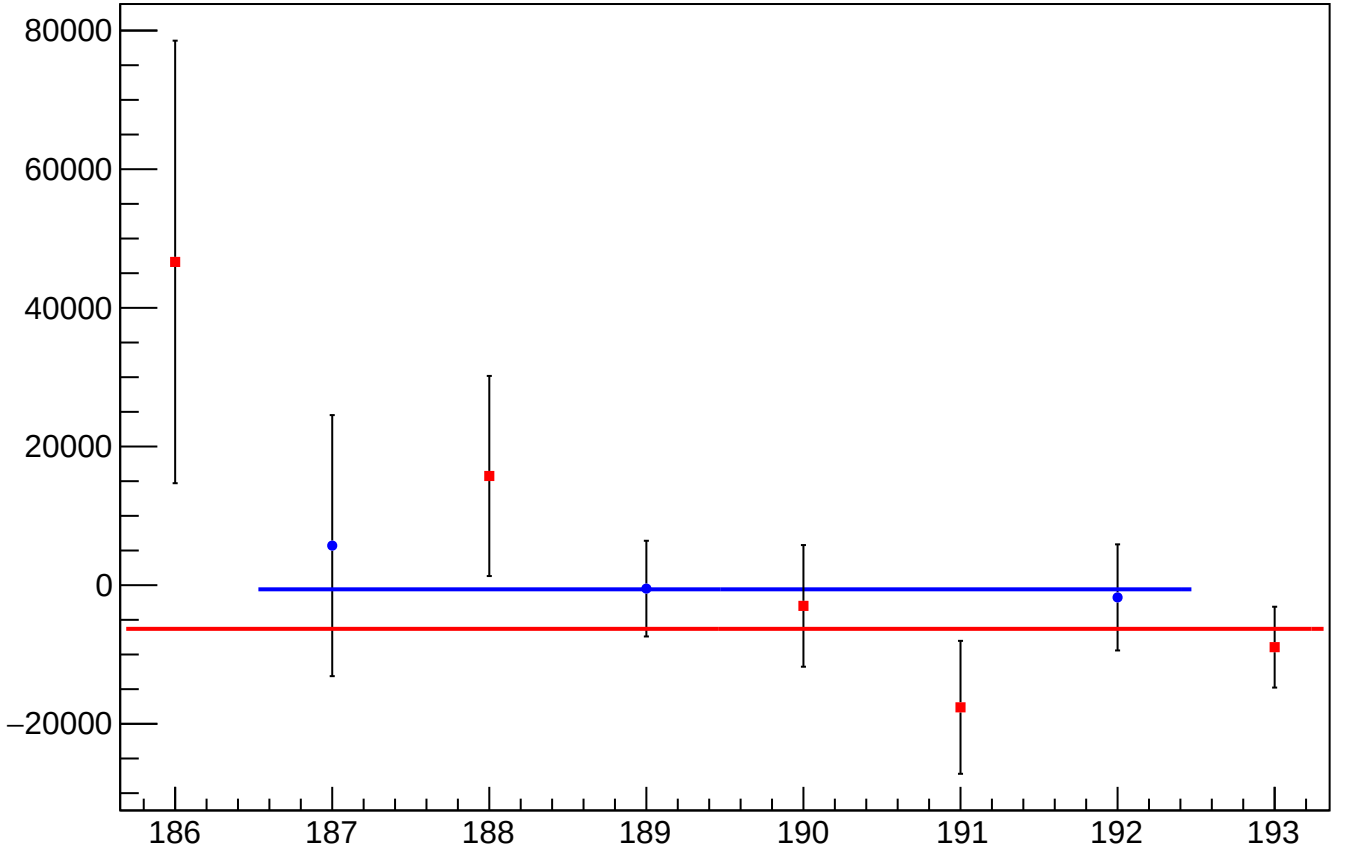
Right: 5185.827+/-2.248 χ^2/NDF: 441817.7/7

In: 5009.752+/-3.496 χ^2/NDF:29861.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5185.827+/-2.248 χ^2/NDF: 441817.7/7

asym_sam4_mean vs Slug, Sign Corrected



Right In: -598.496+/-4945.440 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6299.967+/-4114.790 χ^2/NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

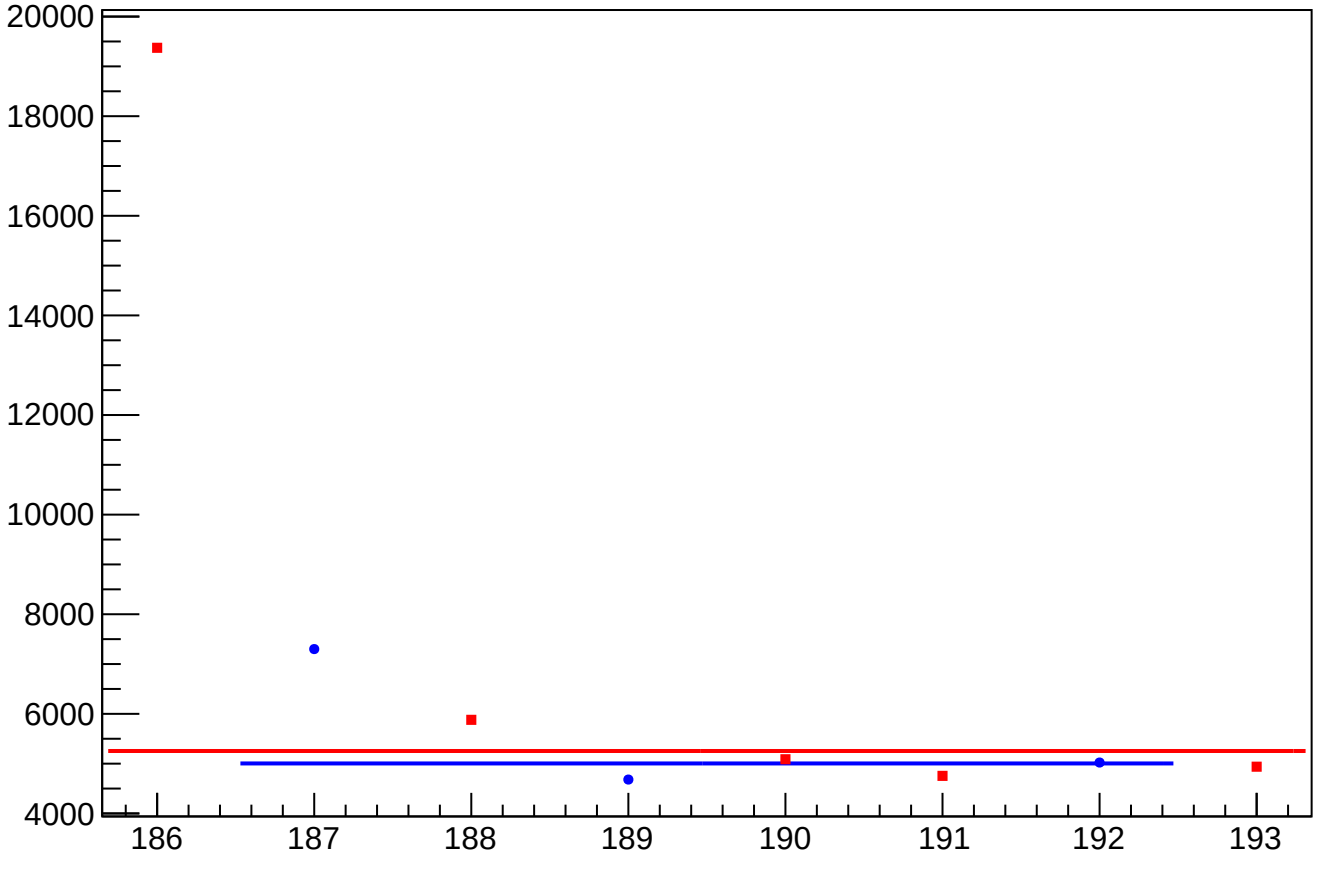
Right: -3967.590+/-3163.085 χ^2/NDF: 7.7/7

In: -598.496+/-4945.440 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3967.590+/-3163.085 χ^2/NDF: 7.7/7

asym_sam4_rms vs Slug, Sign Corrected



Right In: 5004.141+/-3.497 χ^2/NDF: 34154.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5254.224+/-2.910 χ^2/NDF: 407151.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

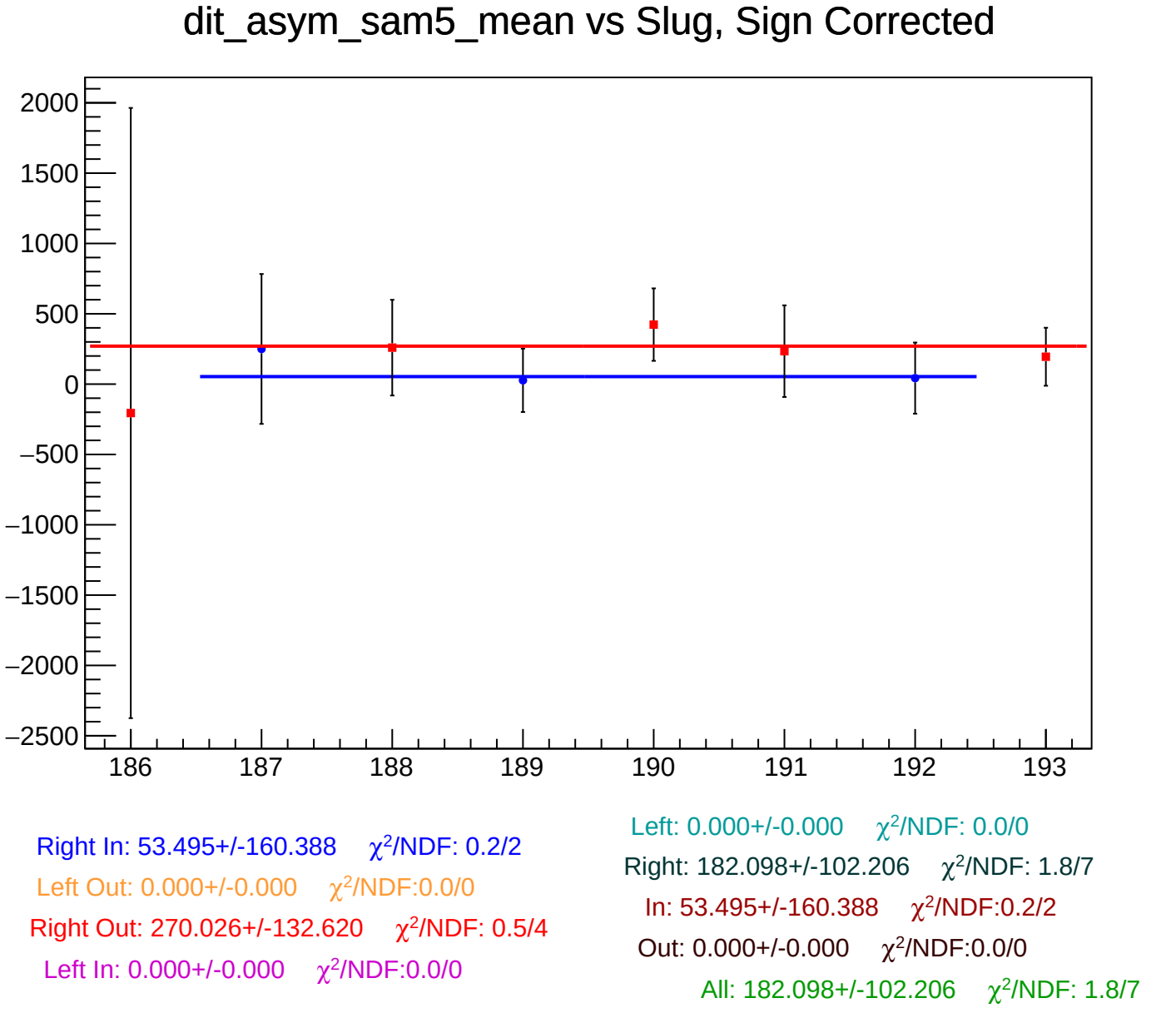
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5151.919+/-2.237 χ^2/NDF: 444328.2/7

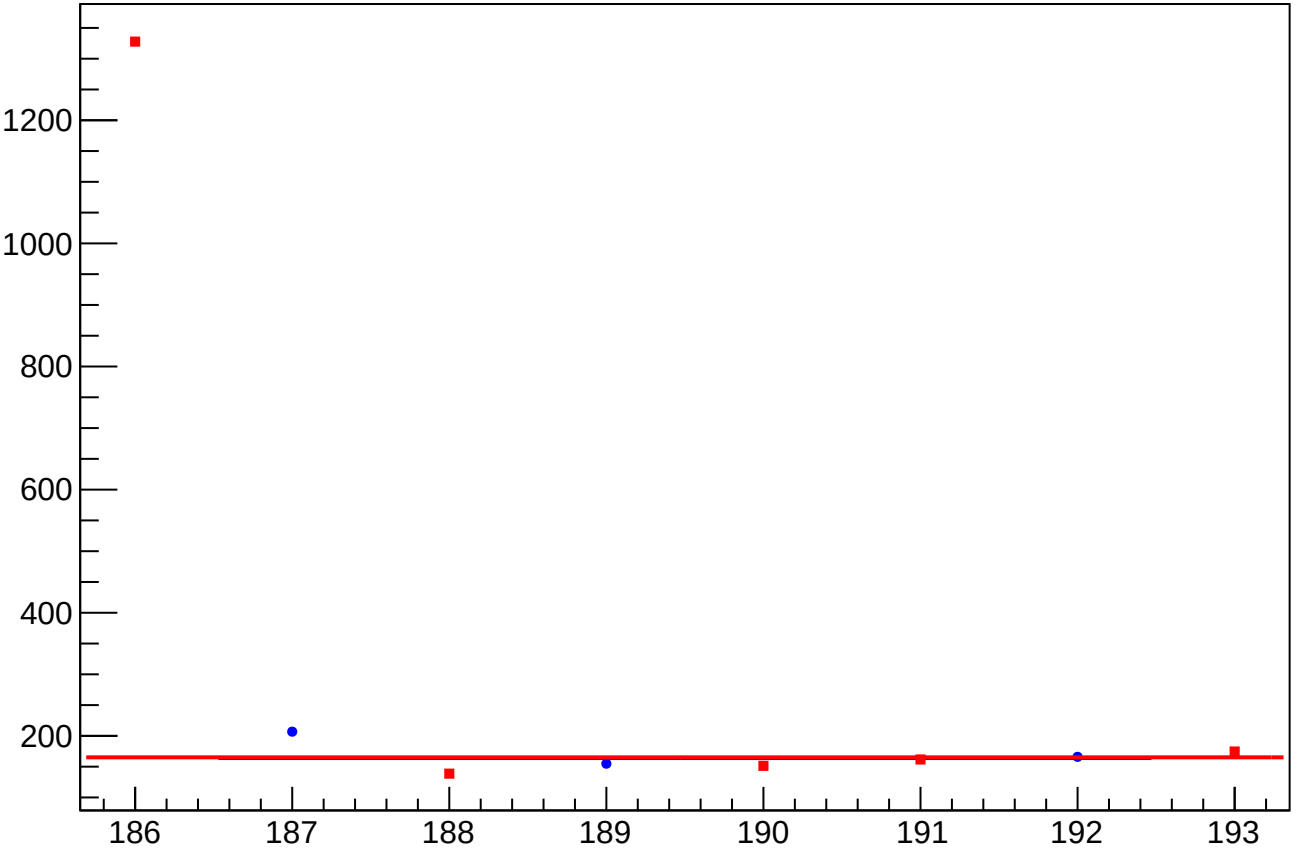
In: 5004.141+/-3.497 χ^2/NDF:34154.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5151.919+/-2.237 χ^2/NDF: 444328.2/7


dit_asym_sam5_mean vs Slug, Sign Corrected
2000
1500
1000
500
0
−500
−1000
−1500
−2000
−2500
186
187
188
189
190
191
192
193
Right In: 53.495+/-160.388 χ²/NDF: 0.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 270.026+/-132.620 χ²/NDF: 0.5/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 182.098+/-102.206 χ²/NDF: 1.8/7
In: 53.495+/-160.388 χ²/NDF:0.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 182.098+/-102.206 χ²/NDF: 1.8/7

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 164.030+/-0.113 χ^2/NDF: 16380.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 165.152+/-0.094 χ^2/NDF: 596790.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

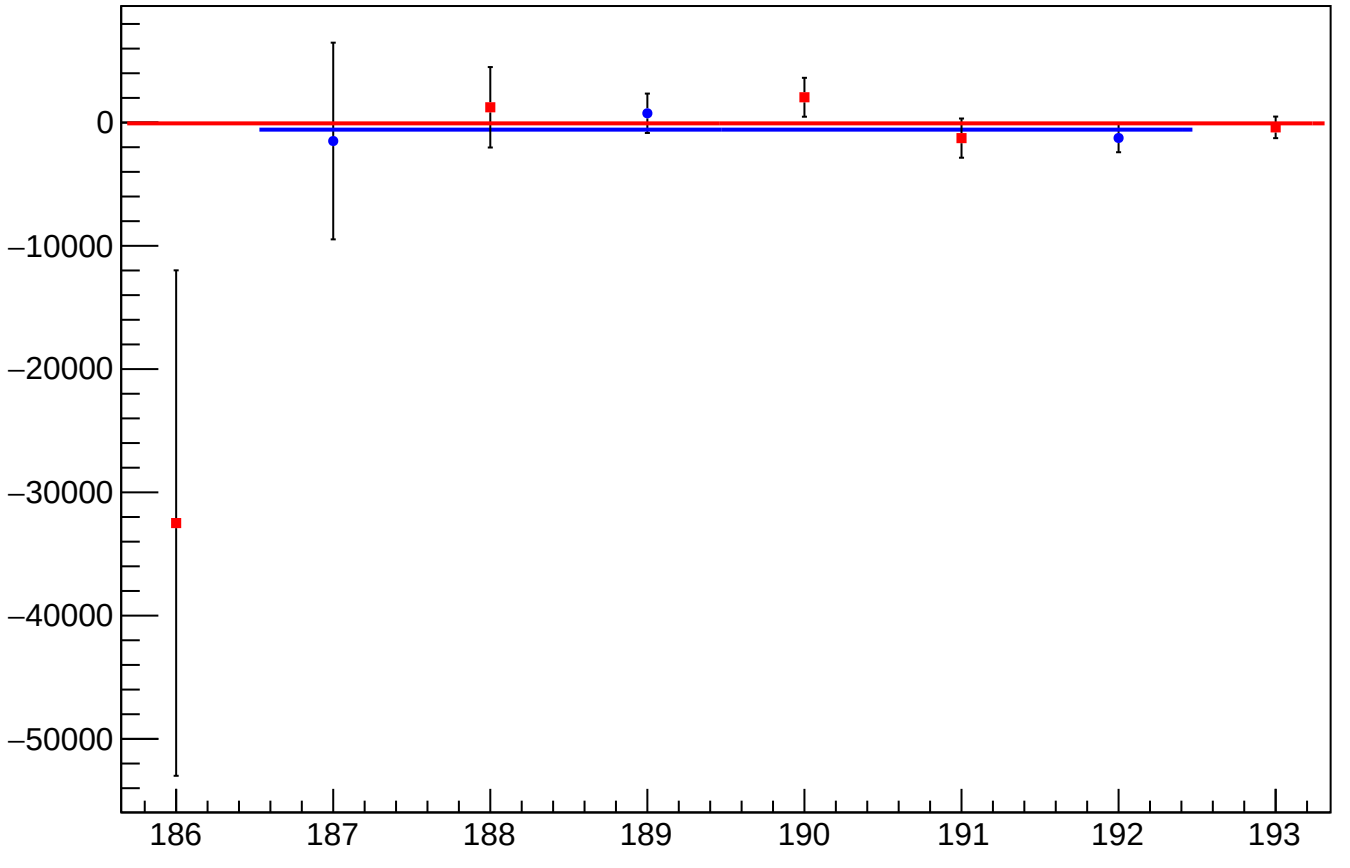
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 164.696+/-0.072 χ^2/NDF: 613228.6/7

In: 164.030+/-0.113 χ^2/NDF:16380.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 164.696+/-0.072 χ^2/NDF: 613228.6/7



Right In: -574.375+/-930.583 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -65.283+/-674.478 χ^2/NDF: 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

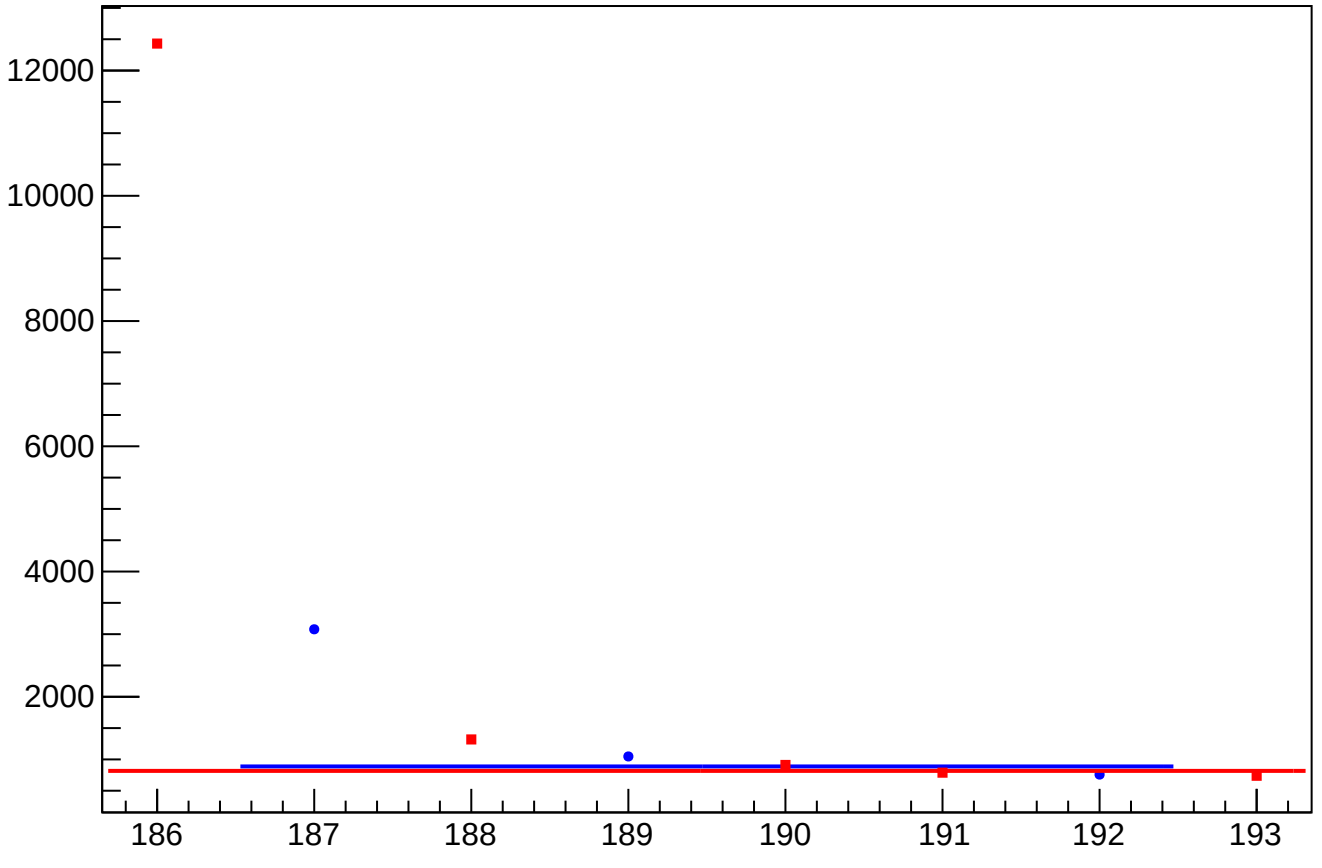
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -240.614+/-546.119 χ^2/NDF: 6.4/7

In: -574.375+/-930.583 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -240.614+/-546.119 χ^2/NDF: 6.4/7



Right In: 887.651+/-0.658 χ^2/NDF: 195789.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 816.801+/-0.477 χ^2/NDF: 712708.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

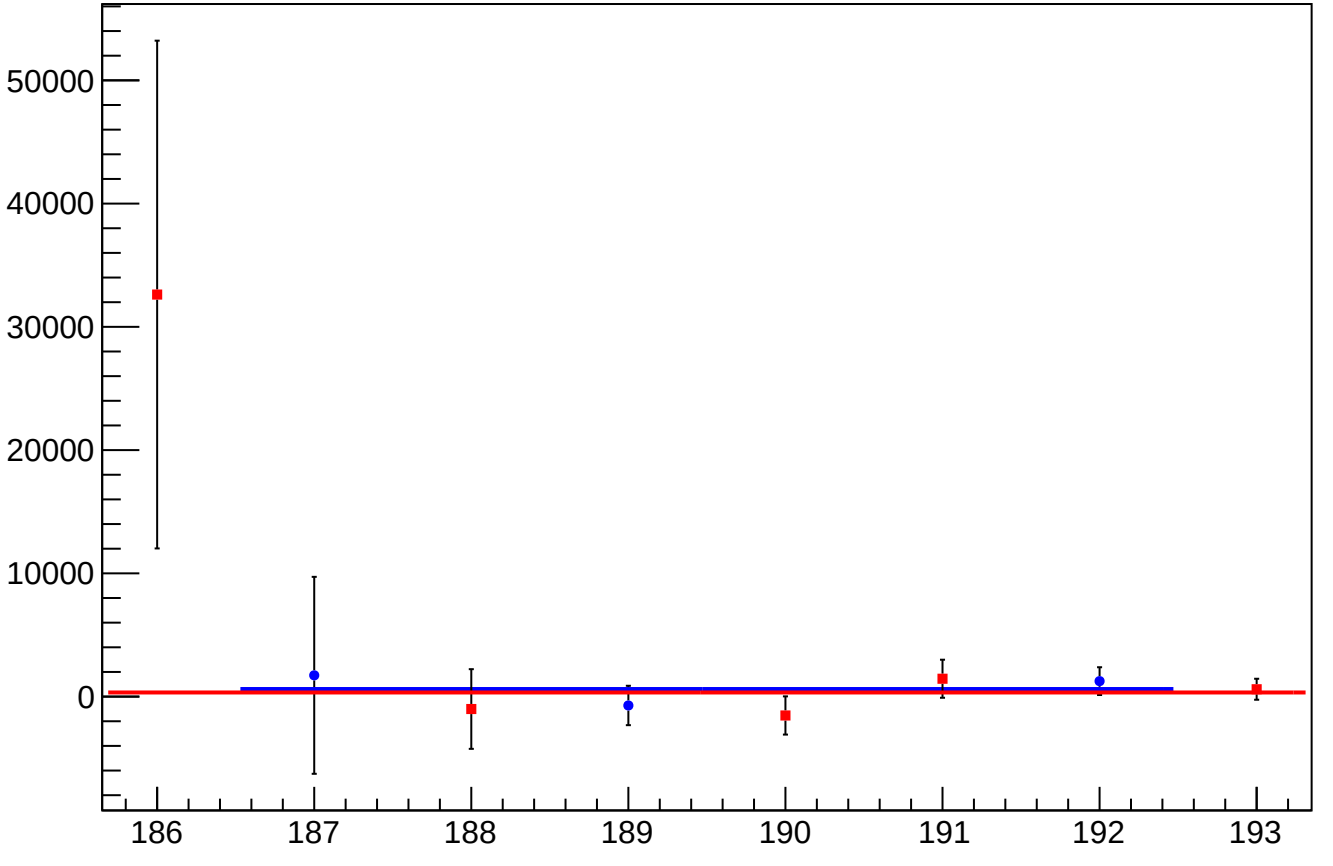
Right: 841.202+/-0.386 χ^2/NDF: 916098.2/7

In: 887.651+/-0.658 χ^2/NDF:195789.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 841.202+/-0.386 χ^2/NDF: 916098.2/7

asym_sam5_mean vs Slug, Sign Corrected



Right In: 614.907+/-914.678 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 334.984+/-657.510 χ^2/NDF: 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

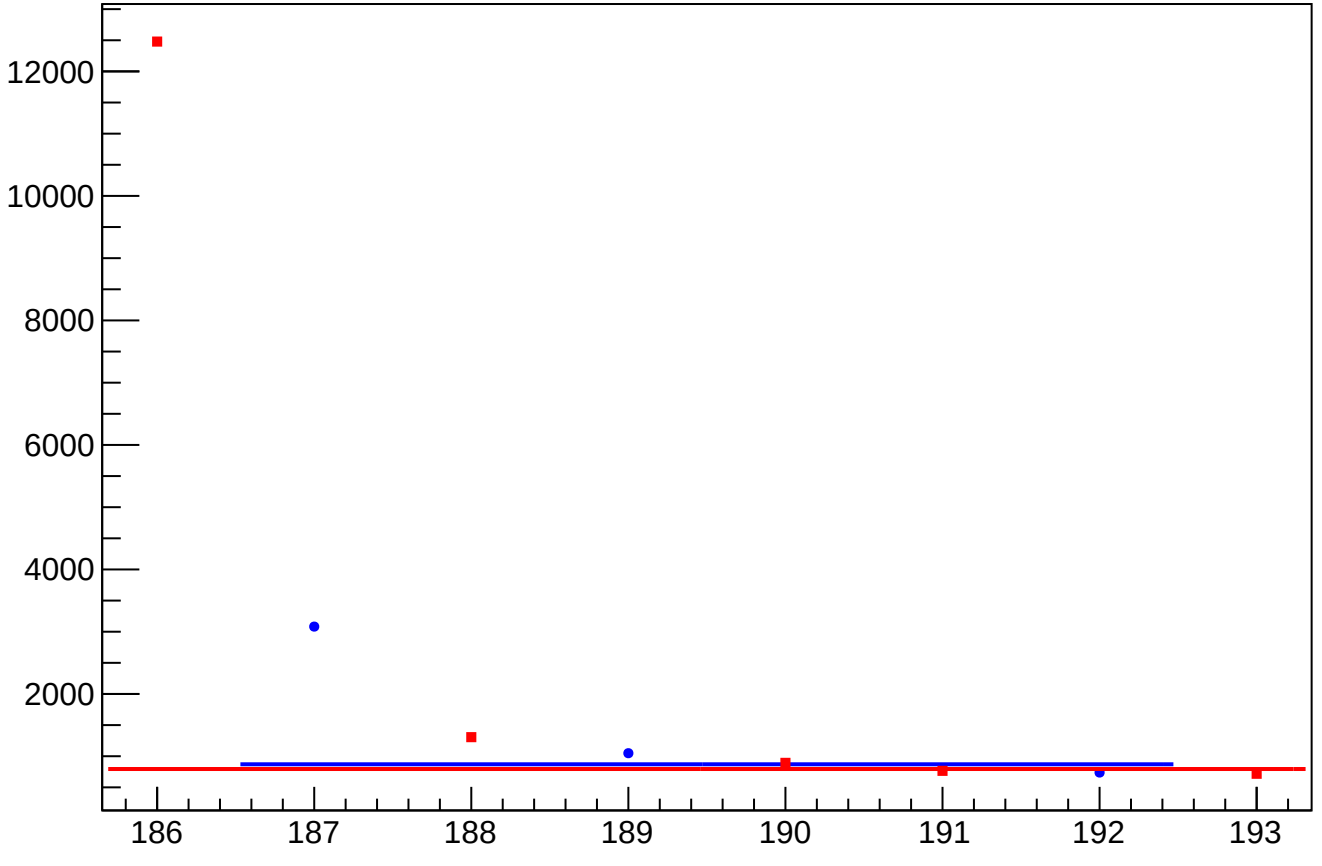
Right: 430.351+/-533.885 χ^2/NDF: 5.8/7

In: 614.907+/-914.678 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 430.351+/-533.885 χ^2/NDF: 5.8/7

asym_sam5_rms vs Slug, Sign Corrected



Right In: 870.450+/-0.647 χ^2/NDF: 205756.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 794.645+/-0.465 χ^2/NDF: 718508.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

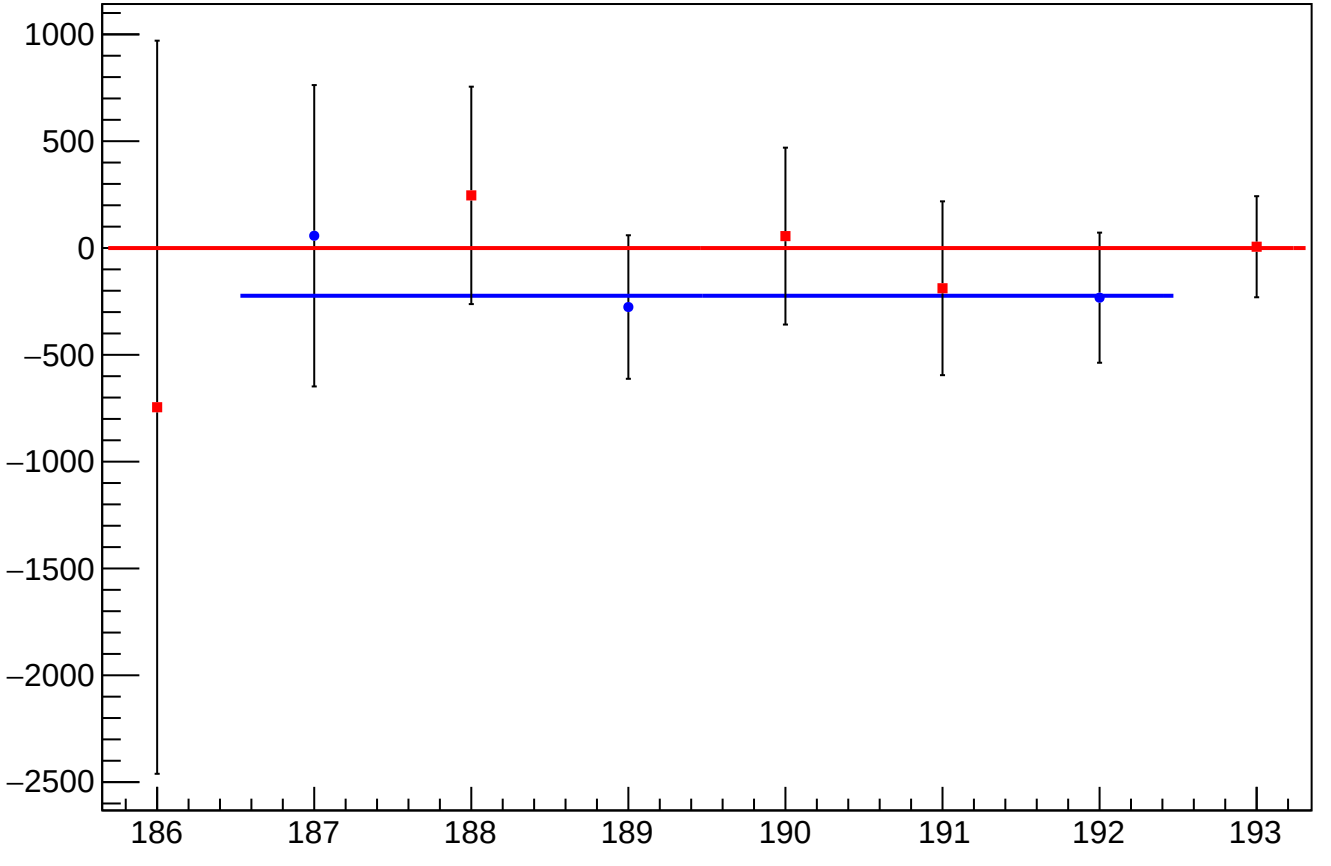
Right: 820.471+/-0.378 χ^2/NDF: 933321.9/7

In: 870.450+/-0.647 χ^2/NDF:205756.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 820.471+/-0.378 χ^2/NDF: 933321.9/7

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -223.509+/-214.900 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.236+/-171.628 χ^2/NDF: 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

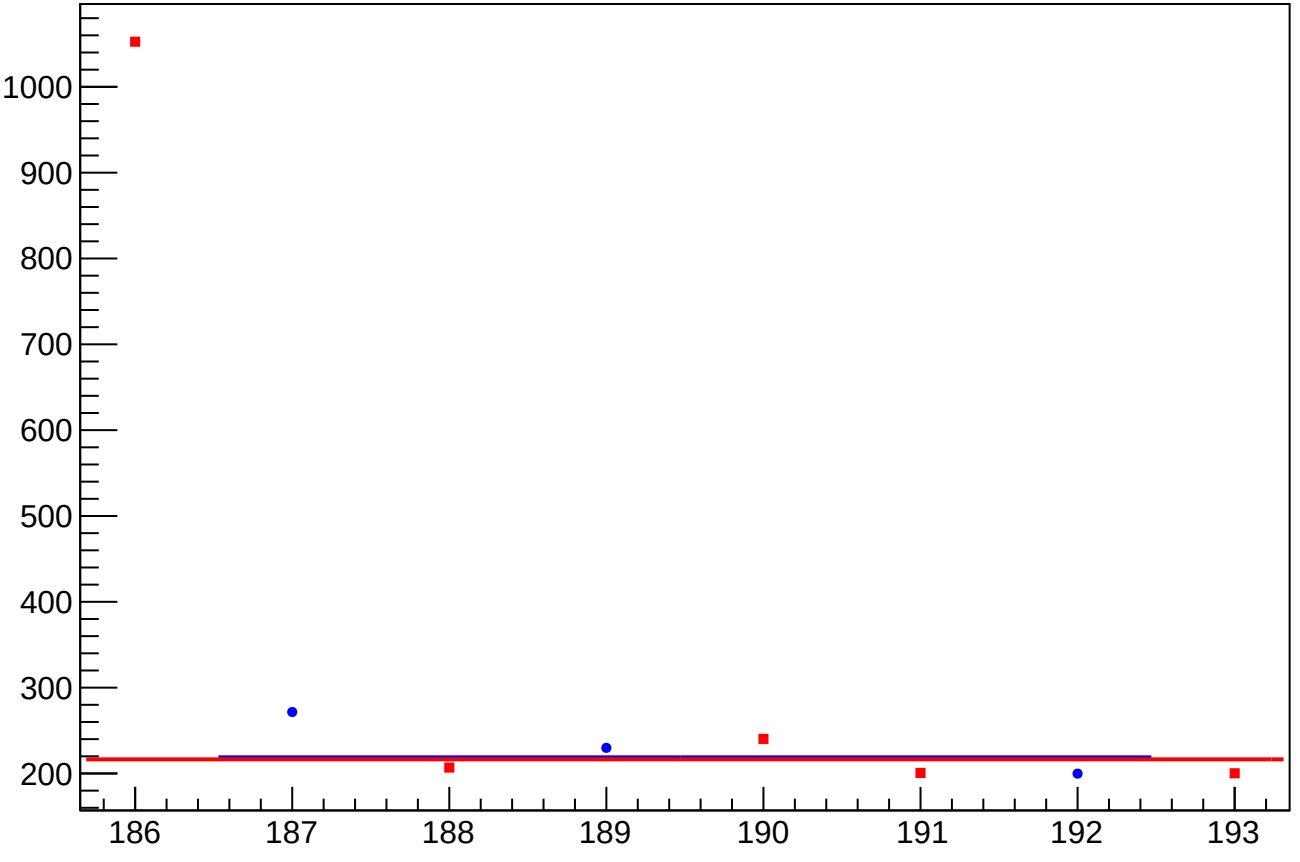
Right: -87.185+/-134.108 χ^2/NDF: 1.5/7

In: -223.509+/-214.900 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -87.185+/-134.108 χ^2/NDF: 1.5/7

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 218.778+/-0.152 χ^2/NDF: 21121.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 216.453+/-0.121 χ^2/NDF: 494763.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

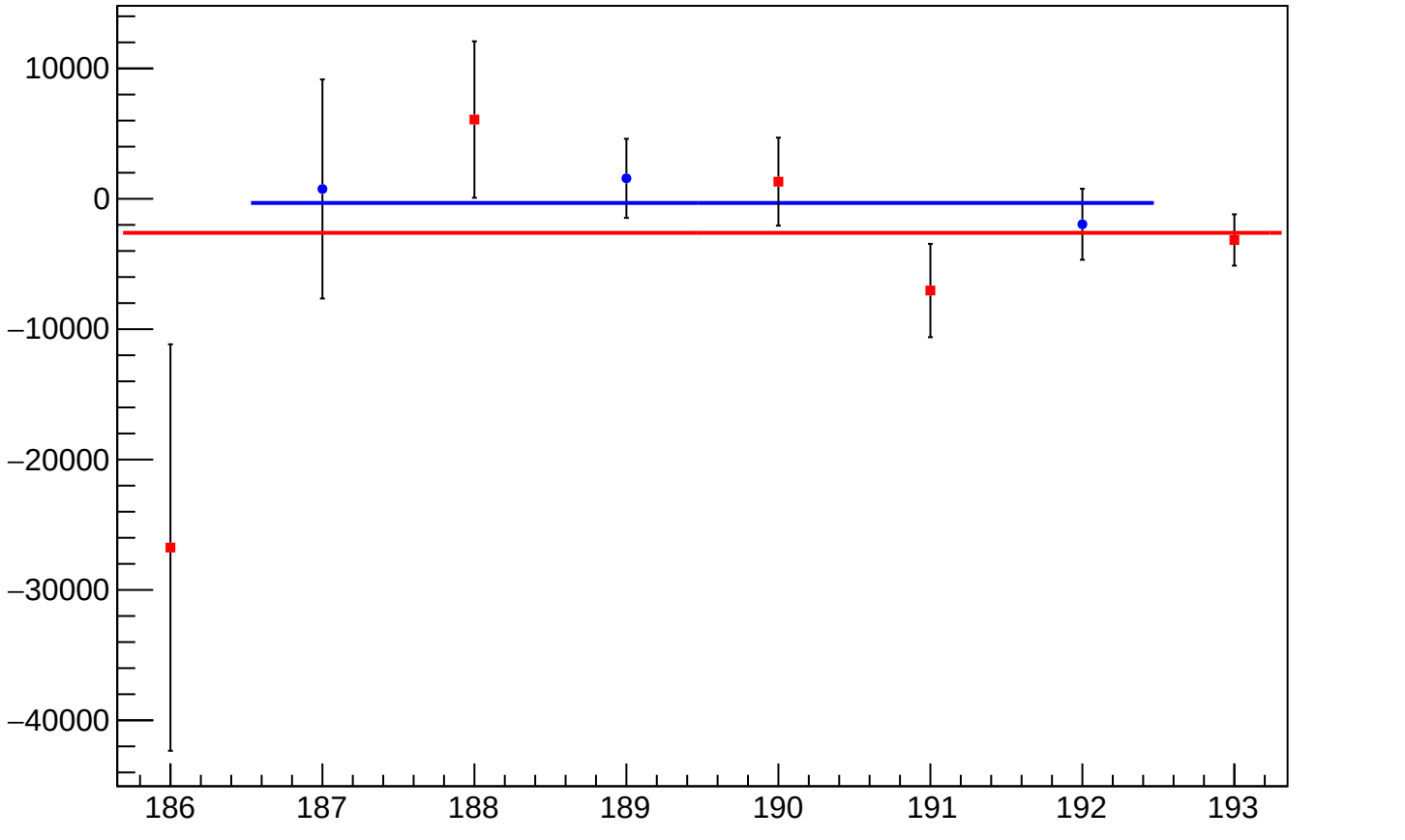
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 217.358+/-0.095 χ^2/NDF: 516027.5/7

In: 218.778+/-0.152 χ^2/NDF:21121.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 217.358+/-0.095 χ^2/NDF: 516027.5/7



Right In: -317.293+/-1970.837 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2609.847+/-1481.674 χ^2/NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

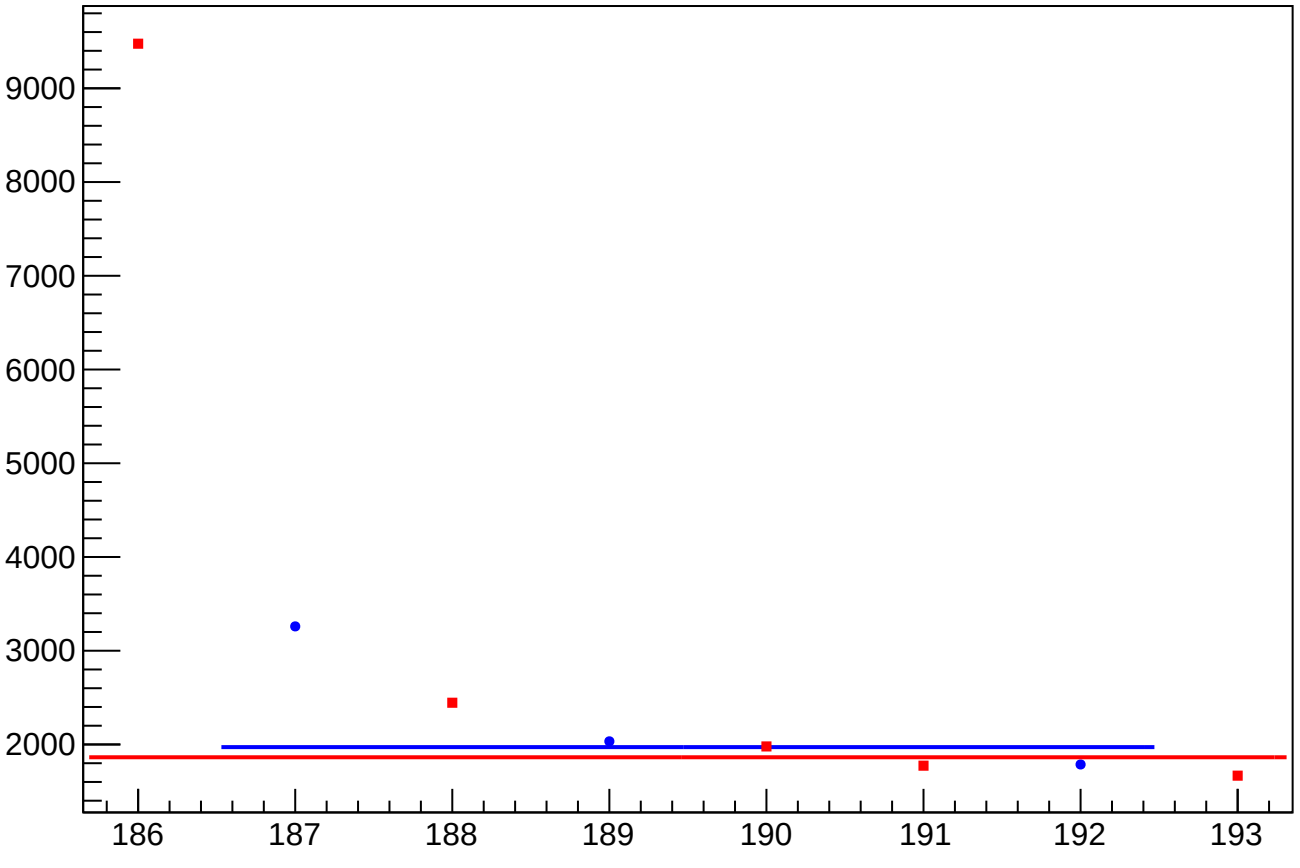
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1781.995+/-1184.316 χ^2/NDF: 9.1/7

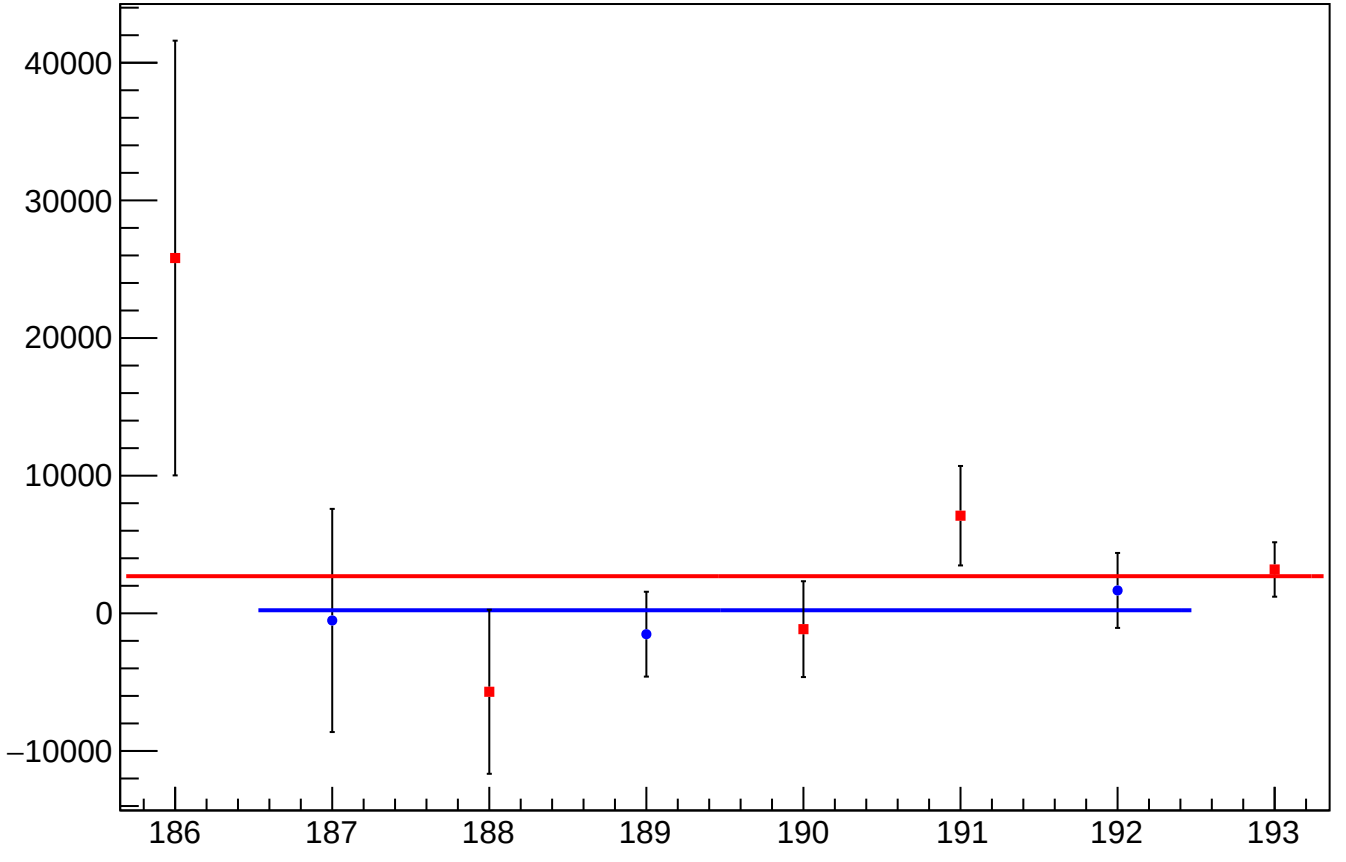
In: -317.293+/-1970.837 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1781.995+/-1184.316 χ^2/NDF: 9.1/7


asym_sam6_correction_rms vs Slug, Sign Corrected
9000
8000
7000
6000
5000
4000
3000
2000
186
187
188
189
190
191
192
193
Right In: 1971.751+/-1.394 χ²/NDF: 57067.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1863.411+/-1.048 χ²/NDF: 519178.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1902.533+/-0.837 χ²/NDF: 580107.4/7
In: 1971.751+/-1.394 χ²/NDF:57067.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1902.533+/-0.837 χ²/NDF: 580107.4/7

asym_sam6_mean vs Slug, Sign Corrected



Right In: 222.831+/-1979.063 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2697.907+/-1495.768 χ^2/NDF: 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

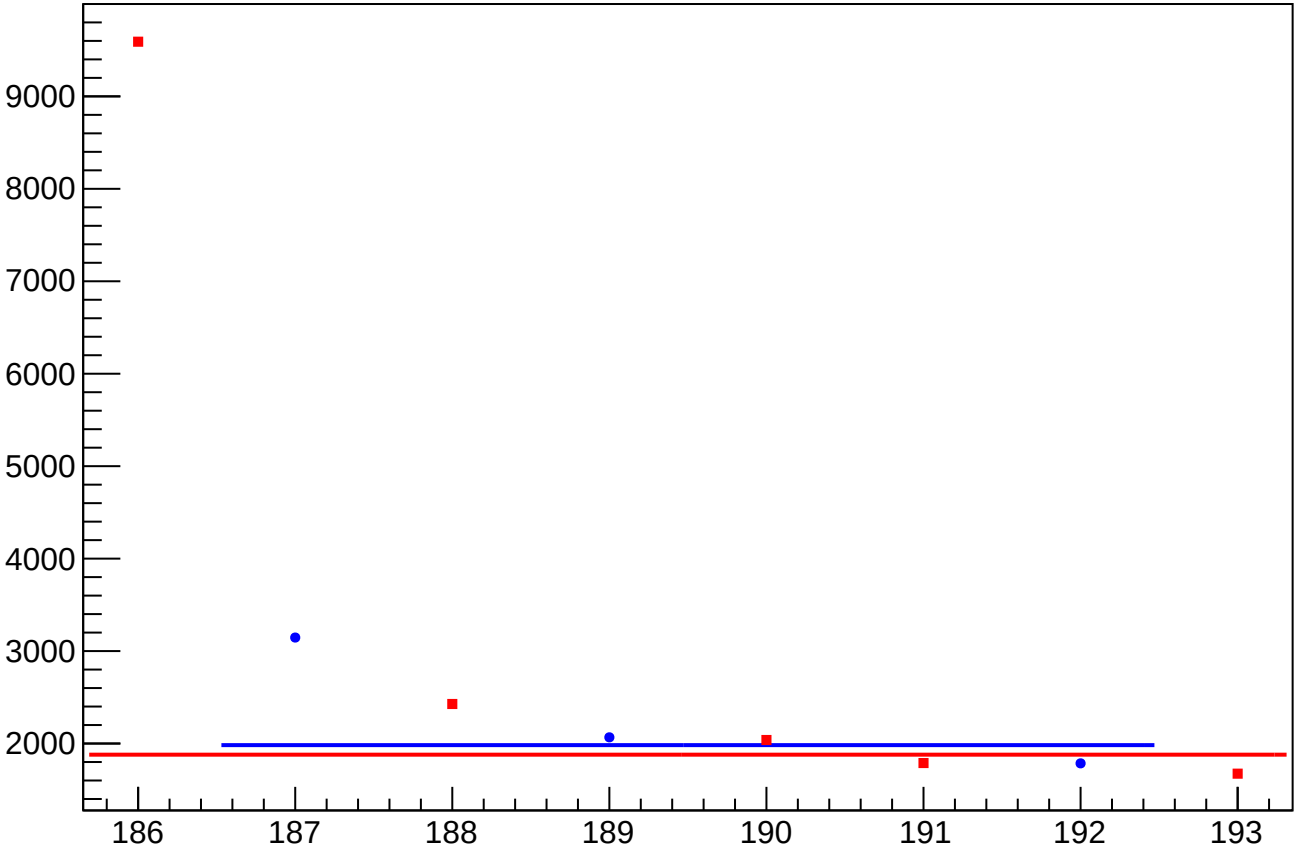
Right: 1798.081+/-1193.286 χ^2/NDF: 8.5/7

In: 222.831+/-1979.063 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1798.081+/-1193.286 χ^2/NDF: 8.5/7

asym_sam6_rms vs Slug, Sign Corrected



Right In: 1982.683+/-1.399 χ^2/NDF: 53200.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1879.395+/-1.058 χ^2/NDF: 520945.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

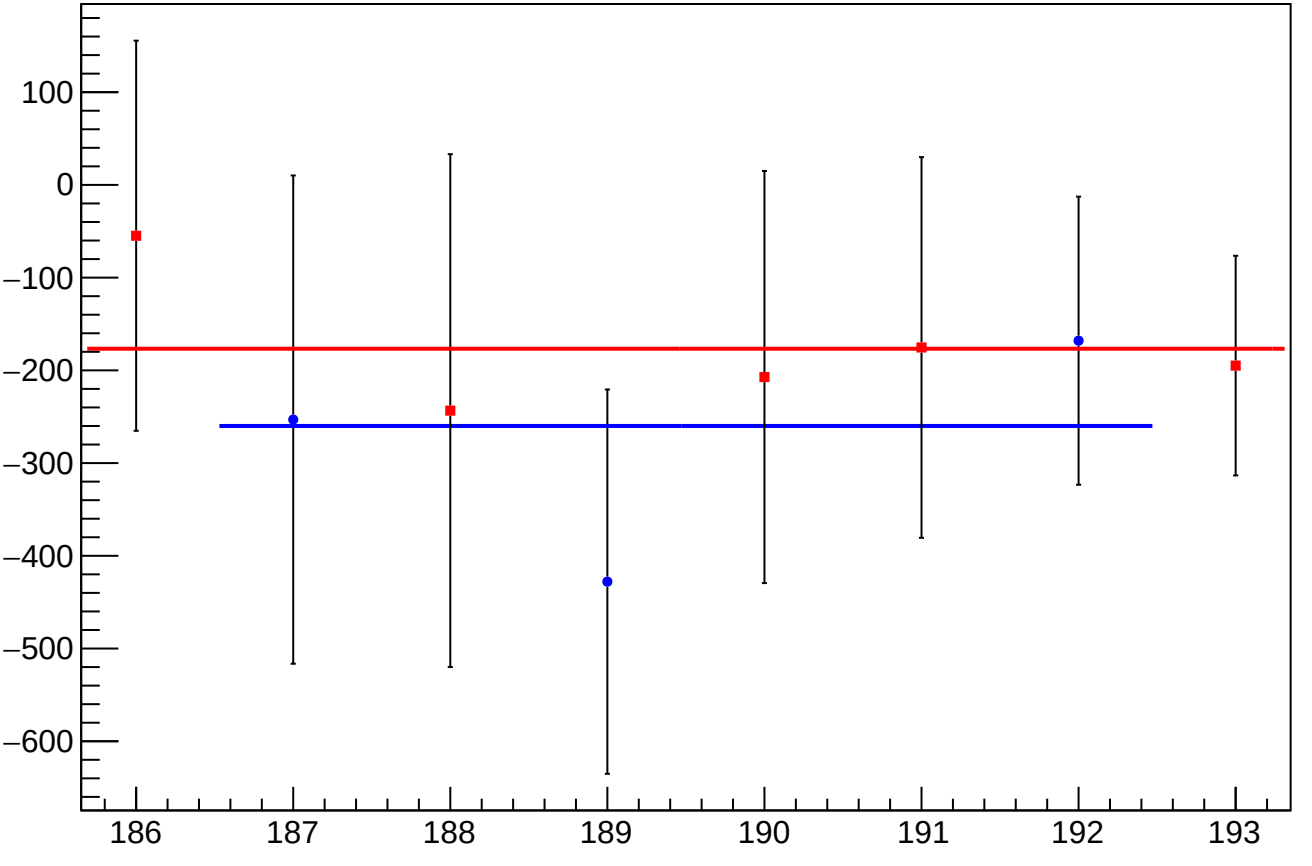
Right: 1916.946+/-0.844 χ^2/NDF: 577613.0/7

In: 1982.683+/-1.399 χ^2/NDF:53200.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1916.946+/-0.844 χ^2/NDF: 577613.0/7

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -259.963+/-112.410 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -176.682+/-81.403 χ^2/NDF: 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

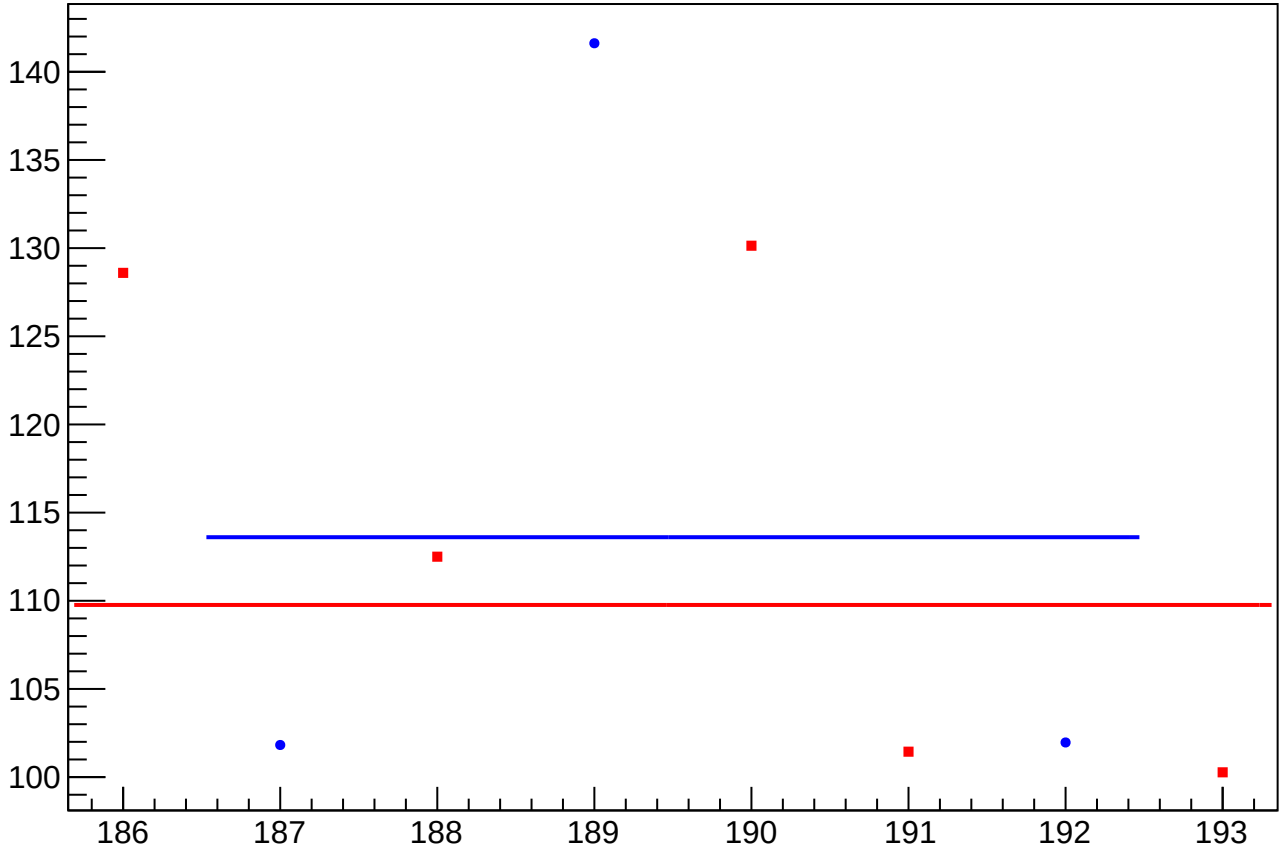
Right: -205.331+/-65.931 χ^2/NDF: 1.8/7

In: -259.963+/-112.410 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -205.331+/-65.931 χ^2/NDF: 1.8/7

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 113.605+/-0.079 χ^2/NDF: 51779.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 109.763+/-0.058 χ^2/NDF: 49162.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

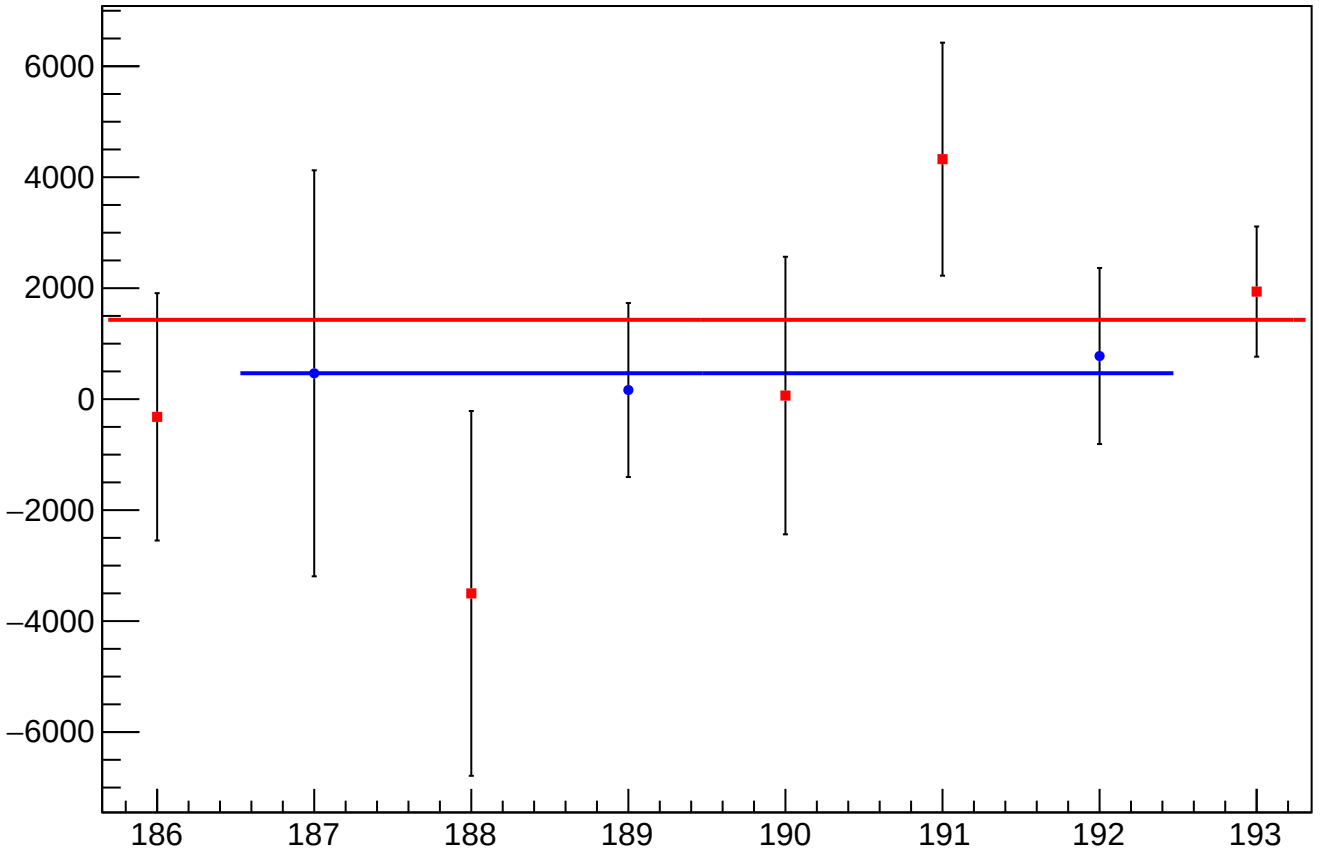
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 111.085+/-0.047 χ^2/NDF: 102474.6/7

In: 113.605+/-0.079 χ^2/NDF:51779.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 111.085+/-0.047 χ^2/NDF: 102474.6/7



Right In: 467.161+/-1066.655 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1429.966+/-842.970 χ^2/NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

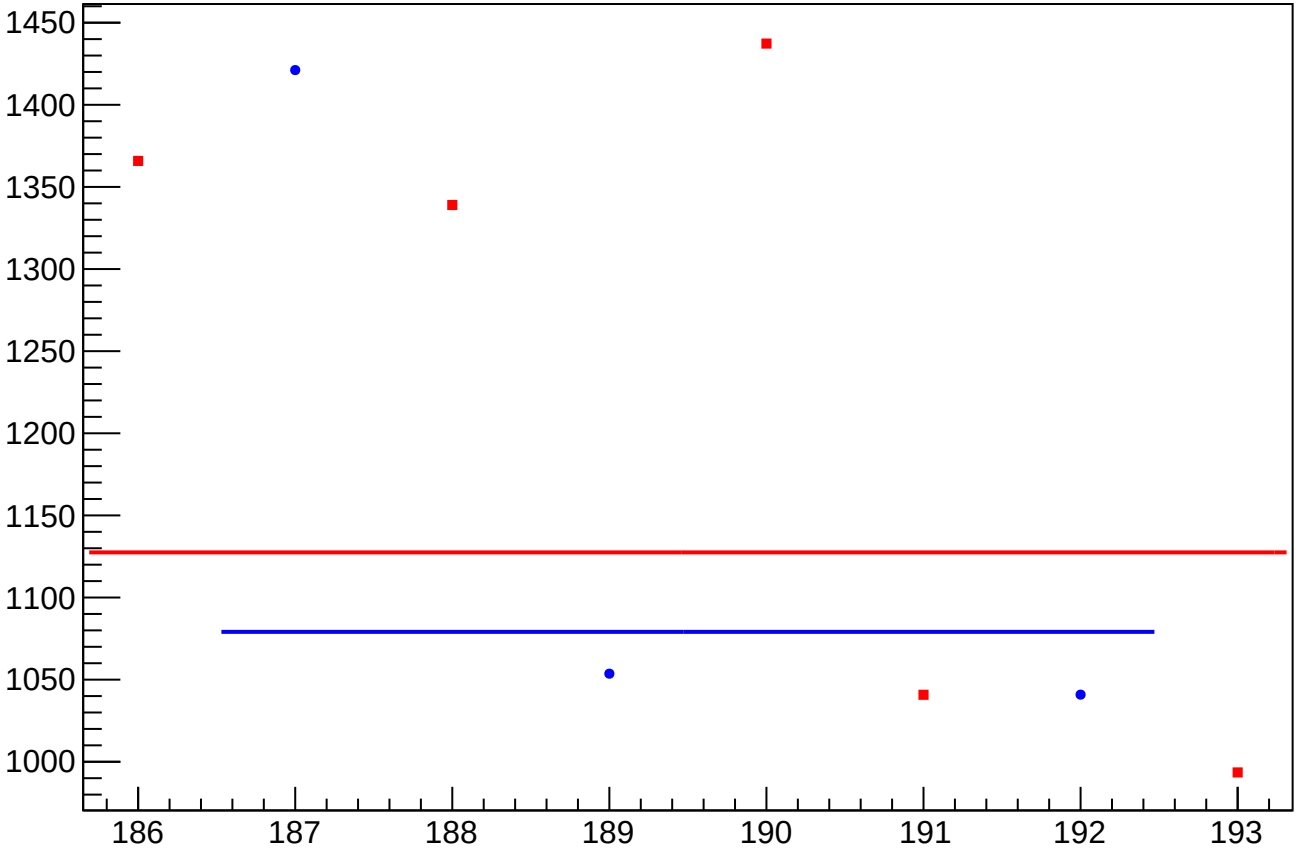
Right: 1059.815+/-661.369 χ^2/NDF: 5.8/7

In: 467.161+/-1066.655 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1059.815+/-661.369 χ^2/NDF: 5.8/7

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 1079.099+/-0.754 χ^2/NDF: 19169.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1127.492+/-0.596 χ^2/NDF: 91330.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

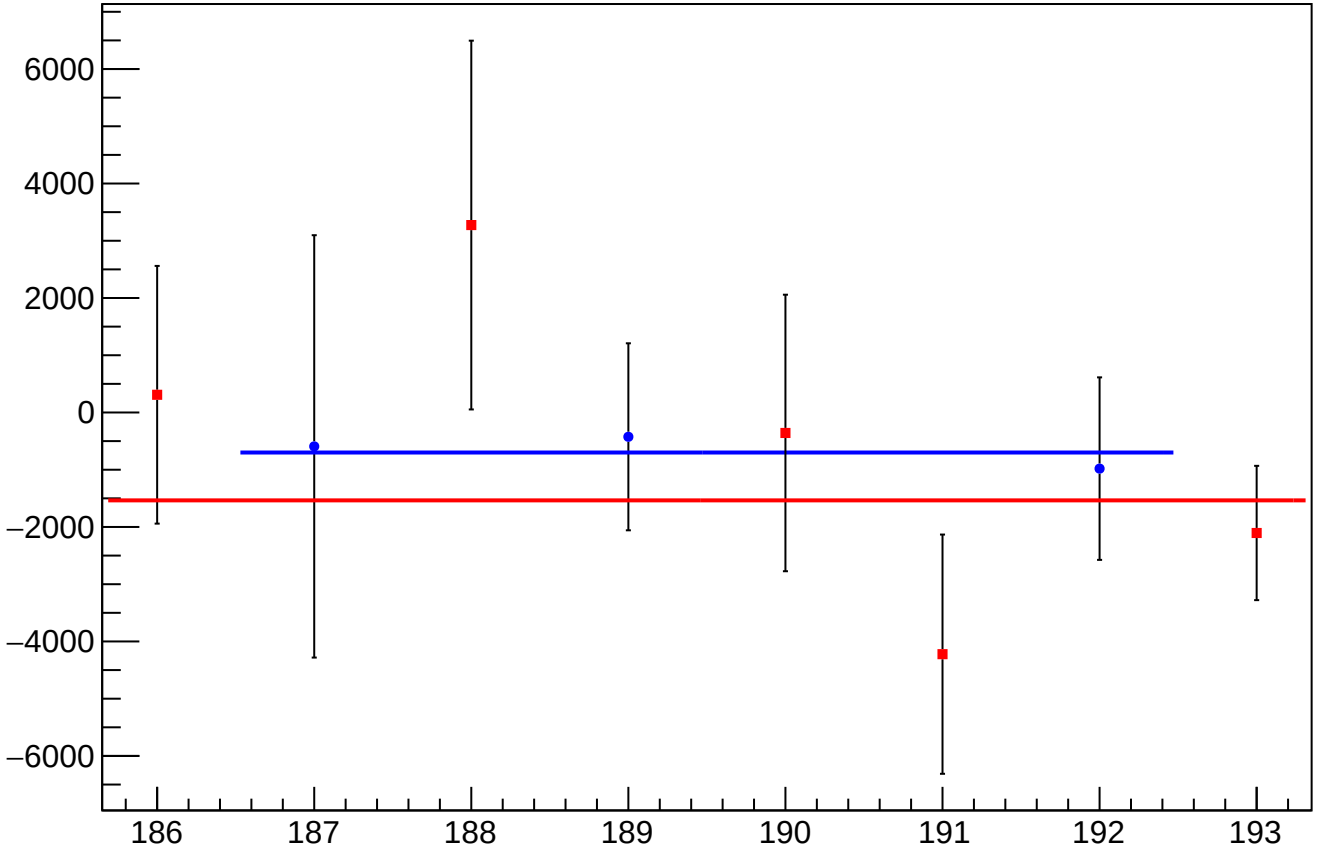
Right: 1108.887+/-0.468 χ^2/NDF: 113034.4/7

In: 1079.099+/-0.754 χ^2/NDF:19169.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1108.887+/-0.468 χ^2/NDF: 113034.4/7

asym_sam7_mean vs Slug, Sign Corrected



Right In: -699.314+/-1090.037 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1535.402+/-838.939 χ^2/NDF: 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

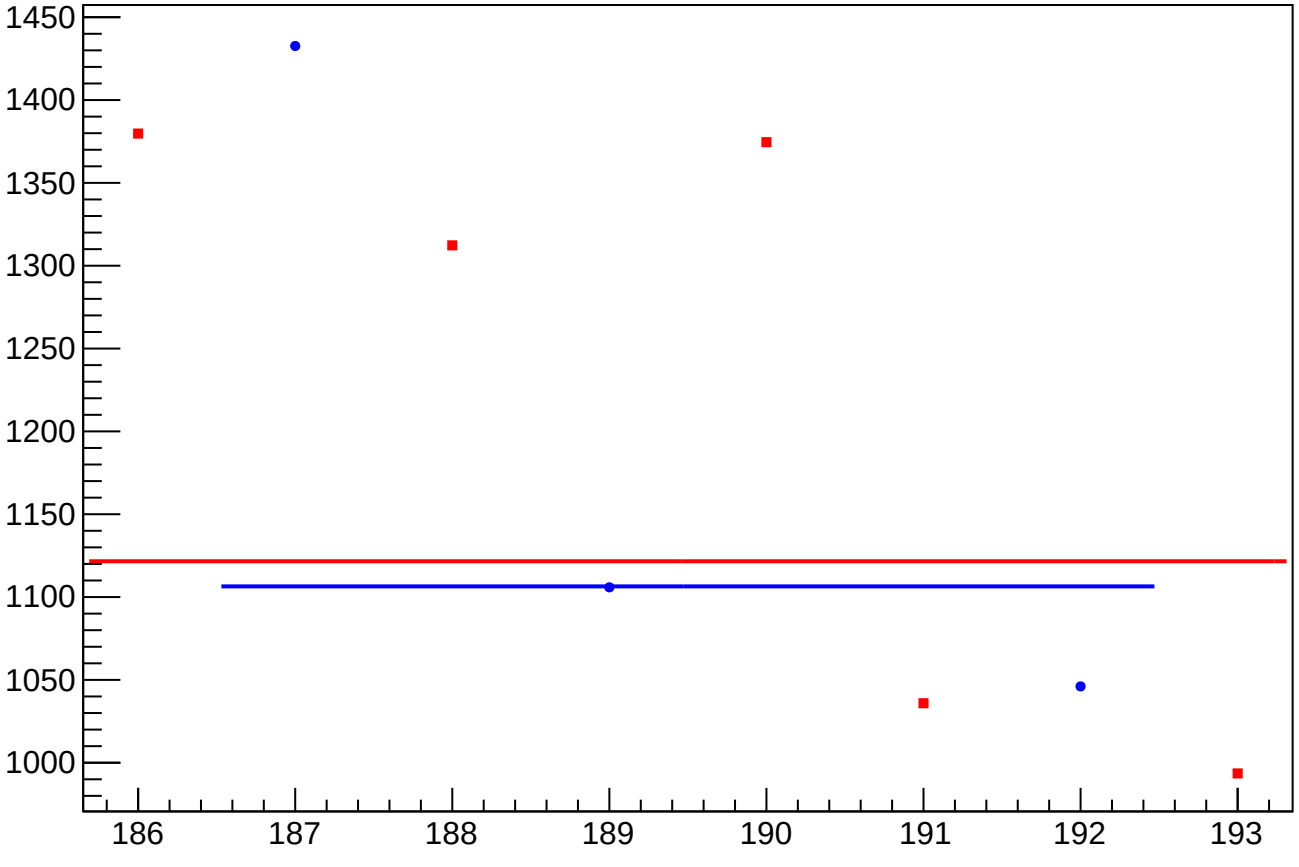
Right: -1224.380+/-664.831 χ^2/NDF: 5.5/7

In: -699.314+/-1090.037 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1224.380+/-664.831 χ^2/NDF: 5.5/7

asym_sam7_rms vs Slug, Sign Corrected



Right In: 1106.441+/-0.771 χ^2/NDF: 18501.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1121.597+/-0.593 χ^2/NDF: 82450.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

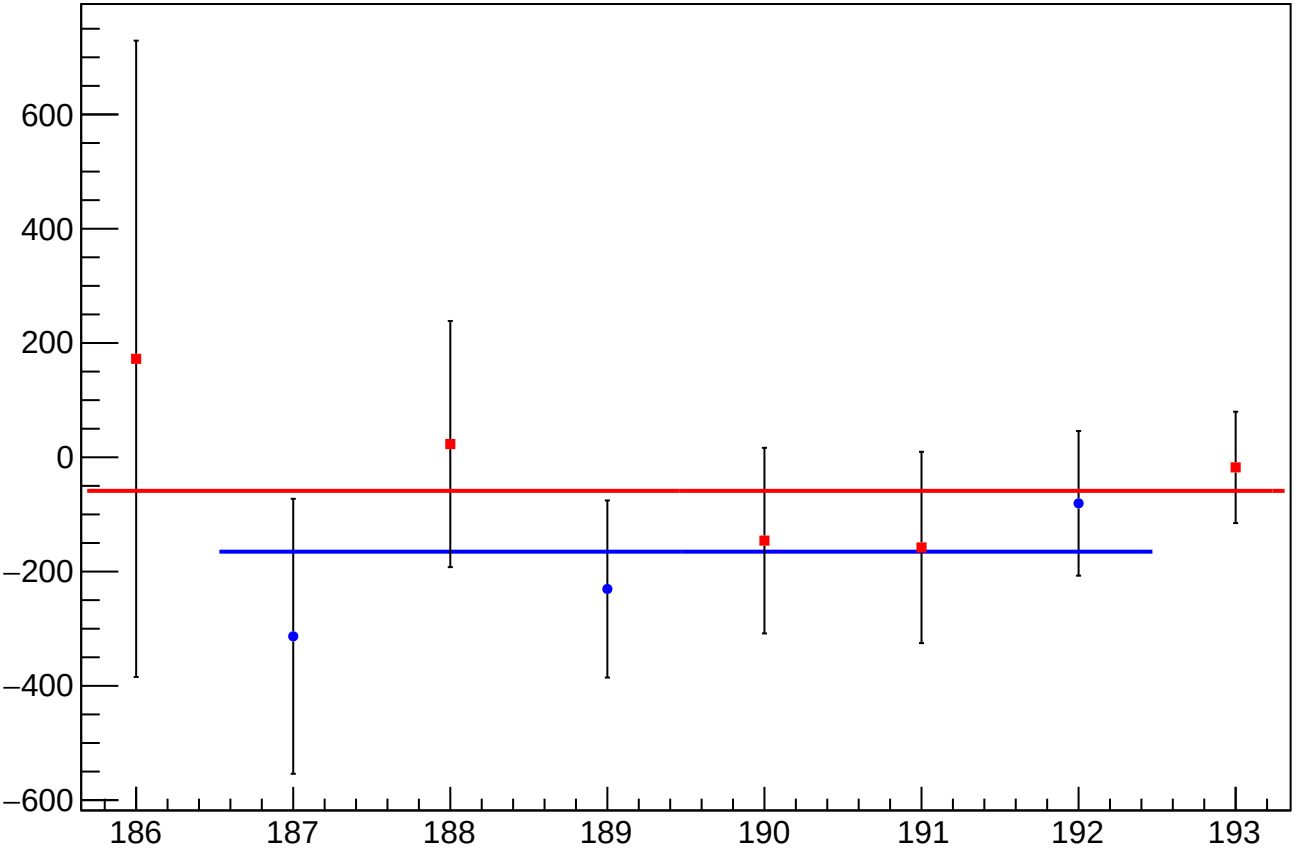
Right: 1115.959+/-0.470 χ^2/NDF: 101195.1/7

In: 1106.441+/-0.771 χ^2/NDF:18501.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1115.959+/-0.470 χ^2/NDF: 101195.1/7

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -165.166+/-90.804 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -58.735+/-70.073 χ^2/NDF: 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

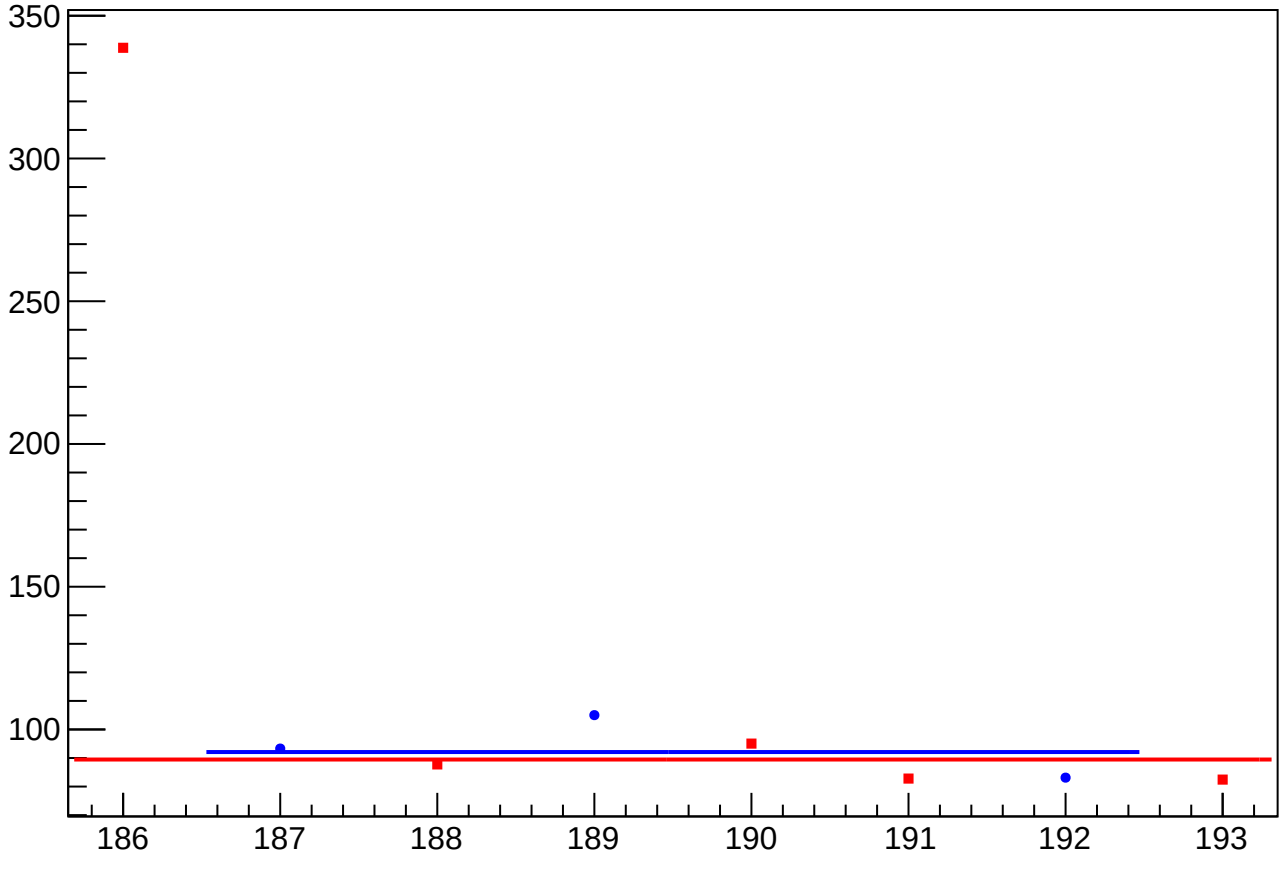
Right: -98.460+/-55.476 χ^2/NDF: 3.0/7

In: -165.166+/-90.804 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -98.460+/-55.476 χ^2/NDF: 3.0/7

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 92.093+/-0.064 χ^2/NDF: 24000.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 89.471+/-0.050 χ^2/NDF: 417029.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

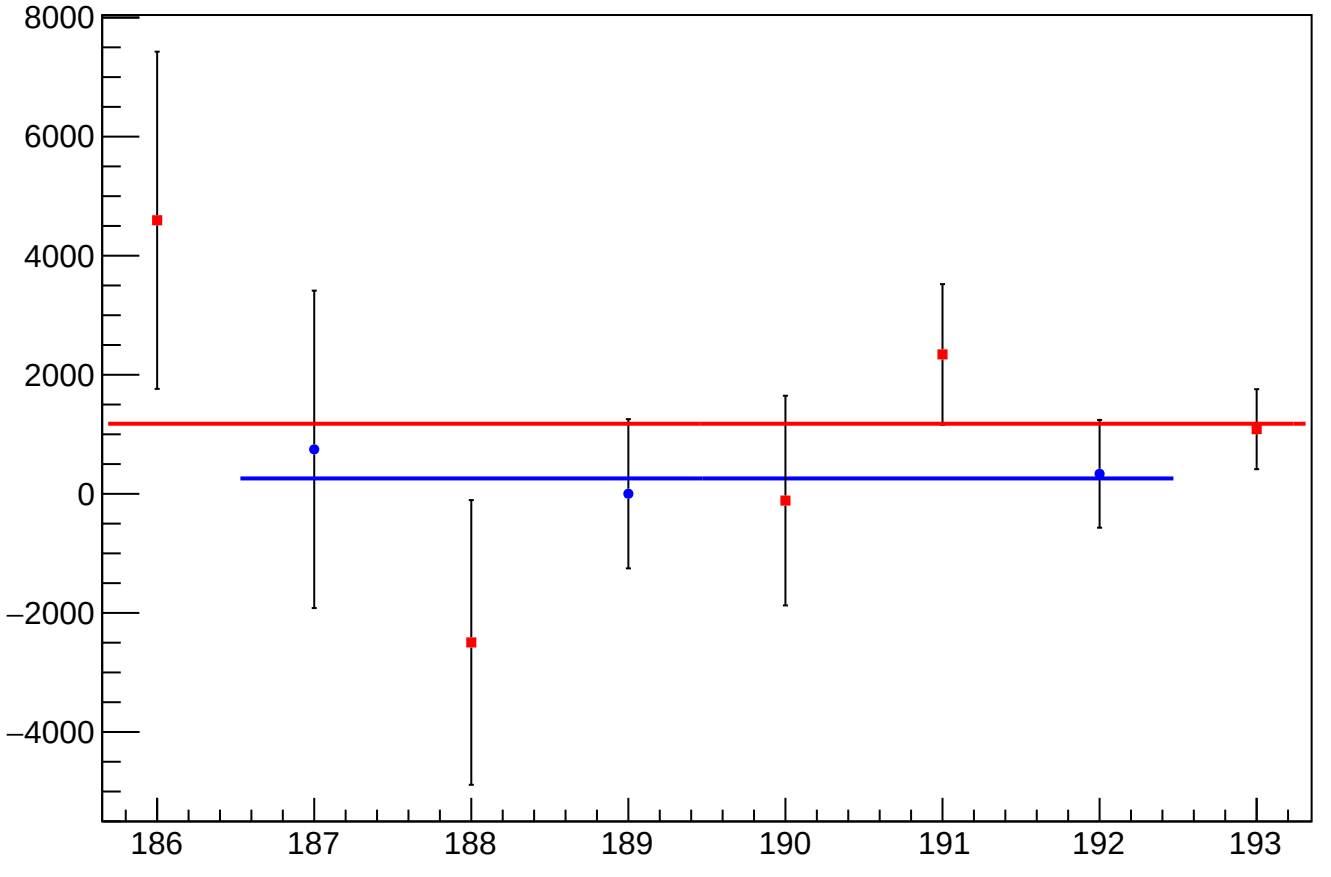
Right: 90.449+/-0.039 χ^2/NDF: 442074.2/7

In: 92.093+/-0.064 χ^2/NDF:24000.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 90.449+/-0.039 χ^2/NDF: 442074.2/7

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 258.753+/-707.501 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1177.744+/-530.292 χ^2/NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

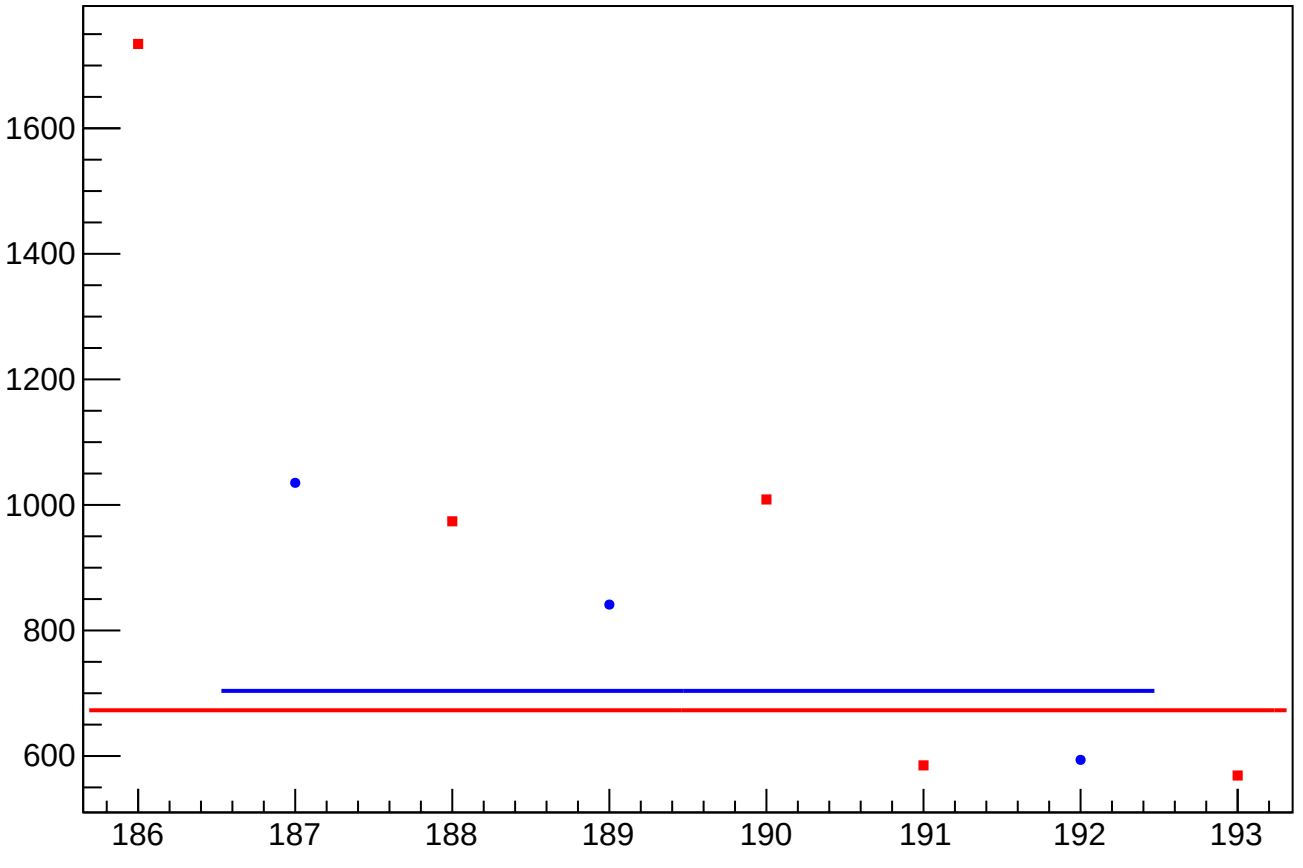
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 847.174+/-424.329 χ^2/NDF: 6.5/7

In: 258.753+/-707.501 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 847.174+/-424.329 χ^2/NDF: 6.5/7



Right In: 703.762+/-0.500 χ^2/NDF: 84455.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 672.874+/-0.375 χ^2/NDF: 444351.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

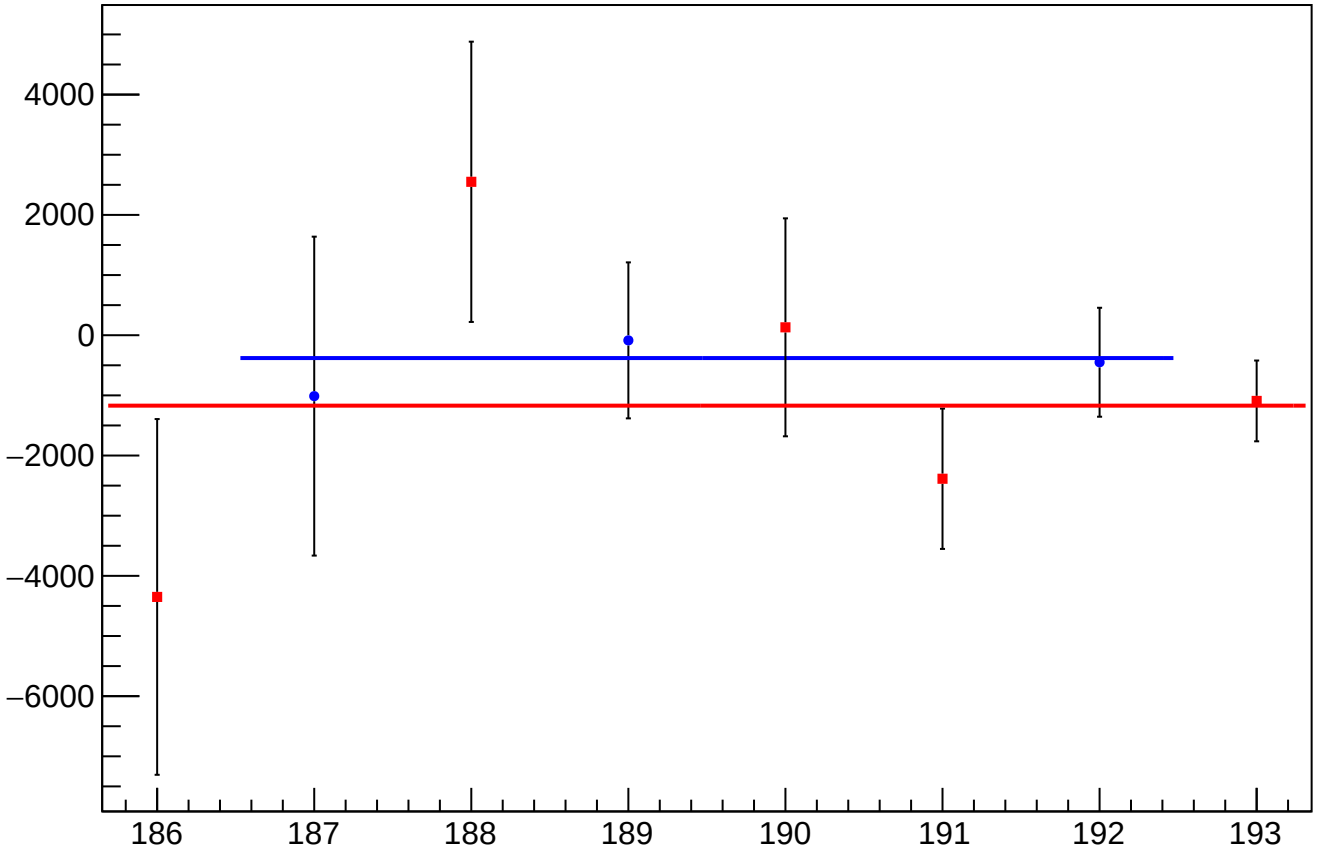
Right: 683.985+/-0.300 χ^2/NDF: 531247.5/7

In: 703.762+/-0.500 χ^2/NDF:84455.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 683.985+/-0.300 χ^2/NDF: 531247.5/7

asym_sam8_mean vs Slug, Sign Corrected



Right In: -379.722+/-714.882 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1170.732+/-530.314 χ^2/NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

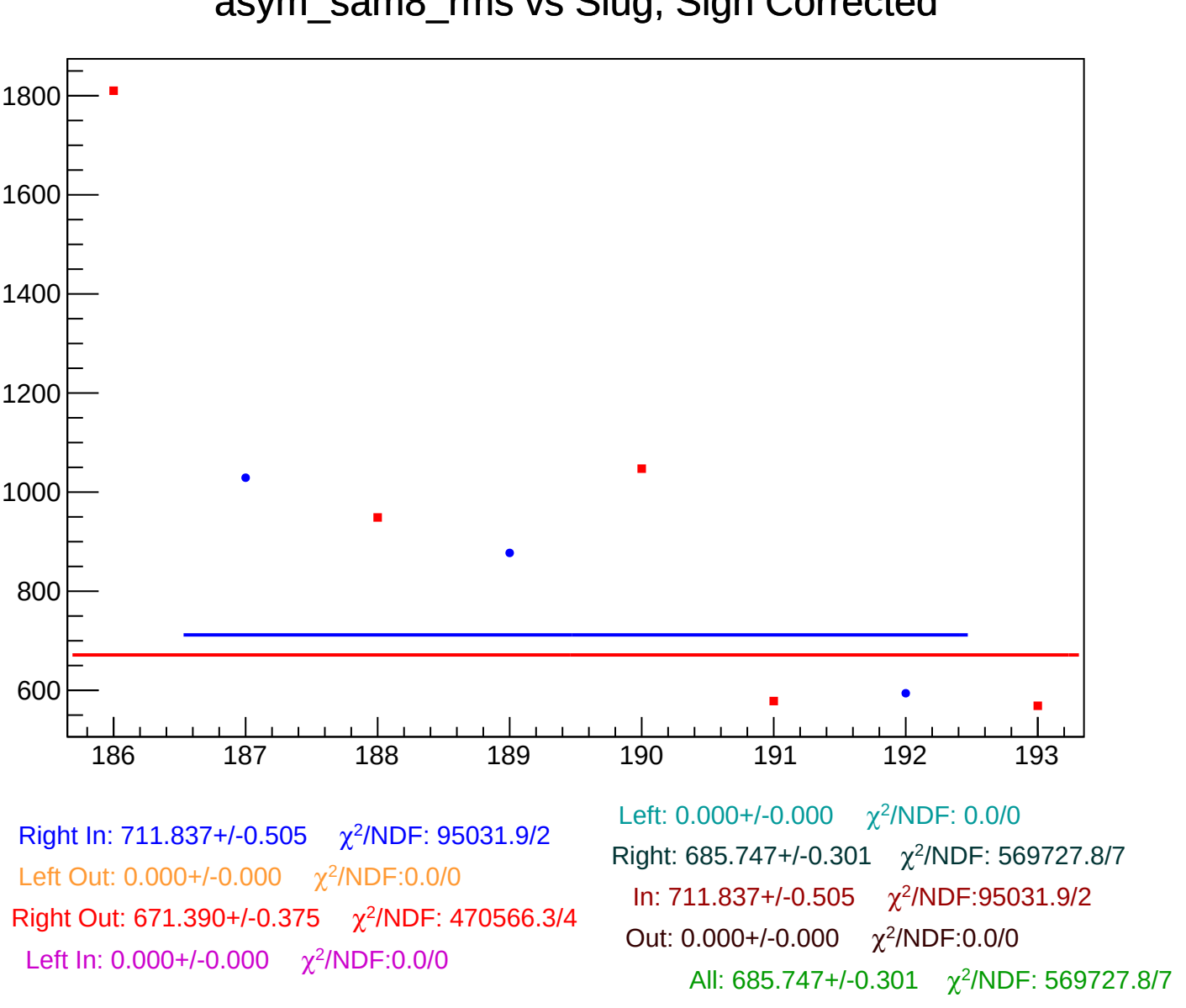
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

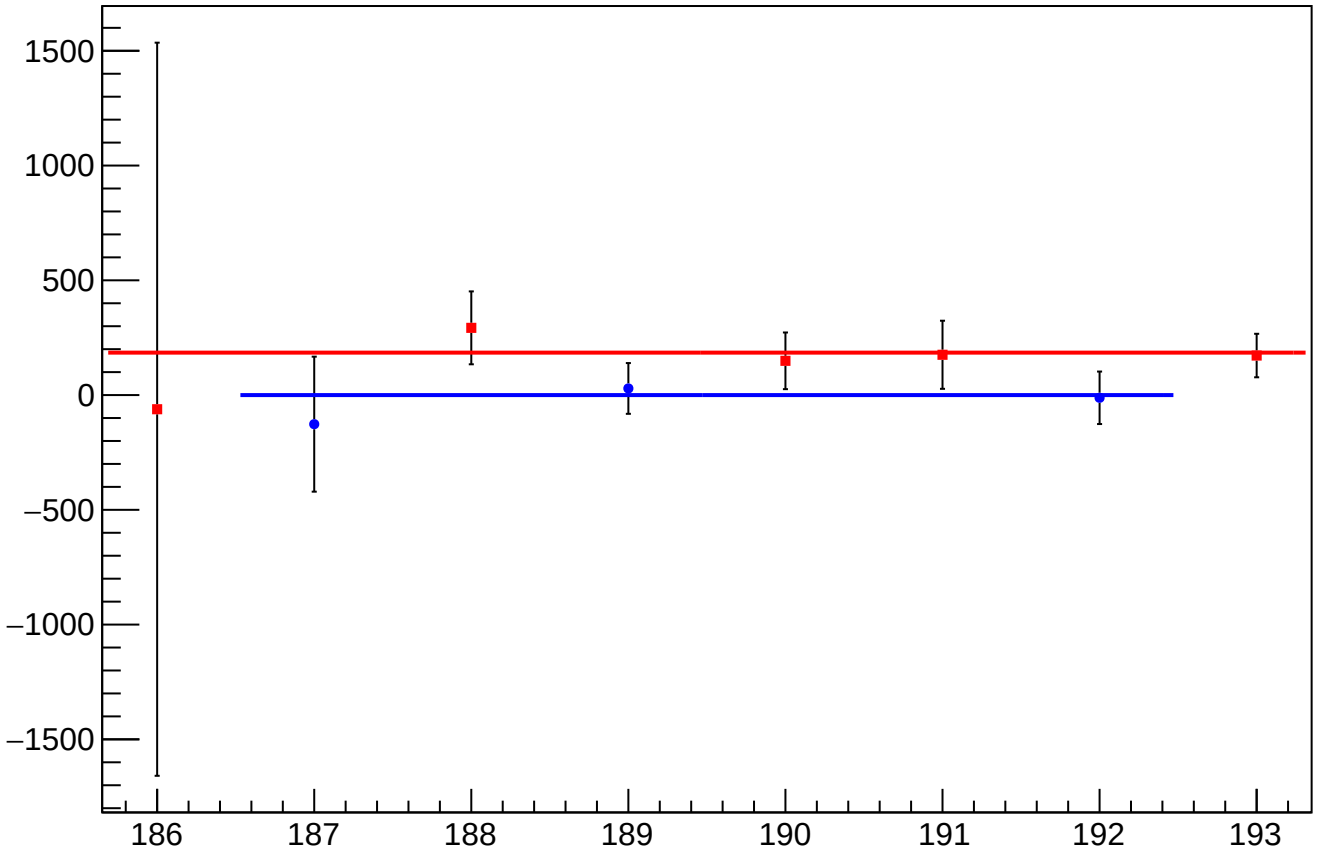
Right: -889.953+/-425.918 χ^2/NDF: 6.2/7

In: -379.722+/-714.882 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -889.953+/-425.918 χ^2/NDF: 6.2/7


asym_sam8_rms vs Slug, Sign Corrected
1800
1600
1400
1200
1000
800
600
186
187
188
189
190
191
192
193
Right In: 711.837+/-0.505 χ²/NDF: 95031.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 671.390+/-0.375 χ²/NDF: 470566.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 685.747+/-0.301 χ²/NDF: 569727.8/7
In: 711.837+/-0.505 χ²/NDF:95031.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 685.747+/-0.301 χ²/NDF: 569727.8/7



Right In: -0.067+/-76.735 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 184.930+/-61.734 χ^2/NDF: 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

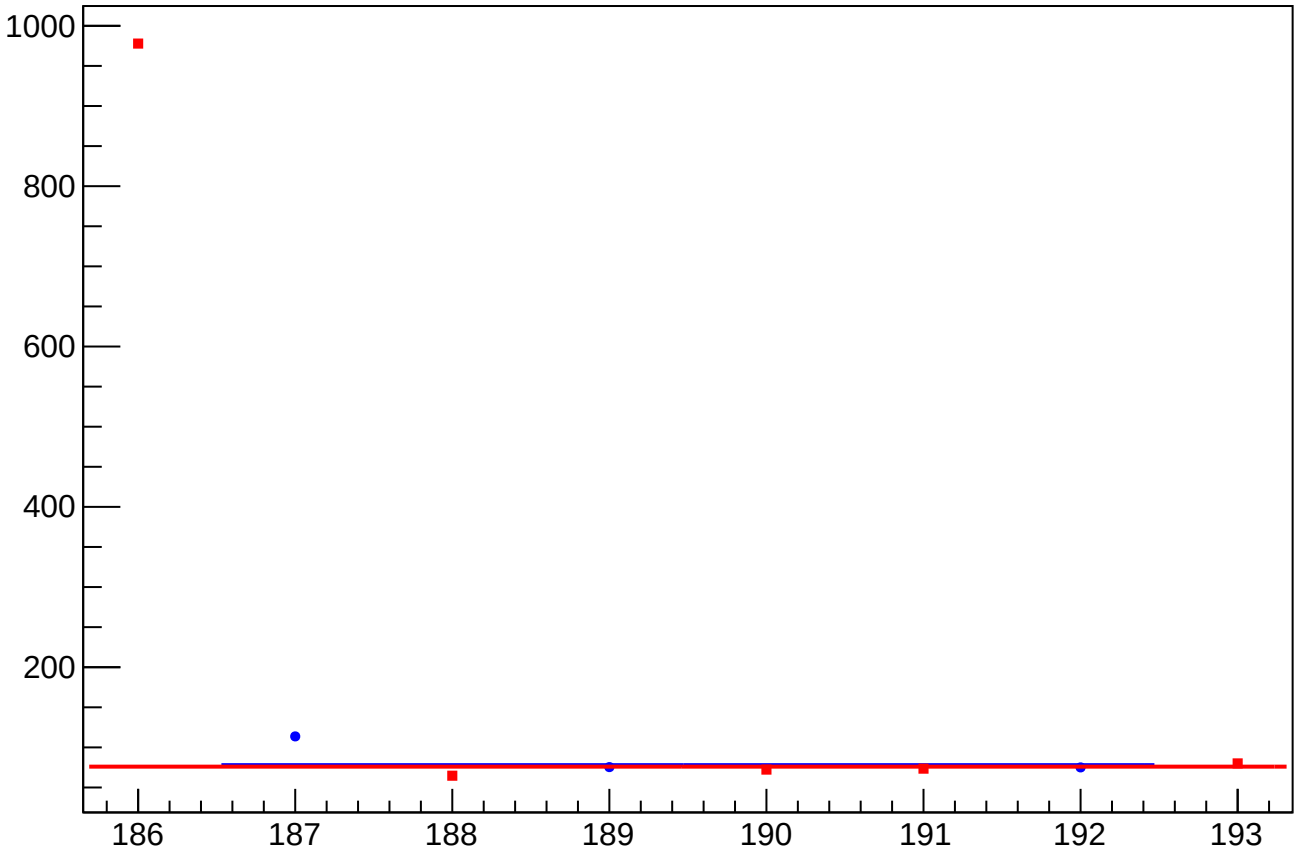
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 112.240+/-48.100 χ^2/NDF: 4.4/7

In: -0.067+/-76.735 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 112.240+/-48.100 χ^2/NDF: 4.4/7



Right In: 77.862+/-0.054 χ^2/NDF: 31904.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 75.998+/-0.044 χ^2/NDF: 653865.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

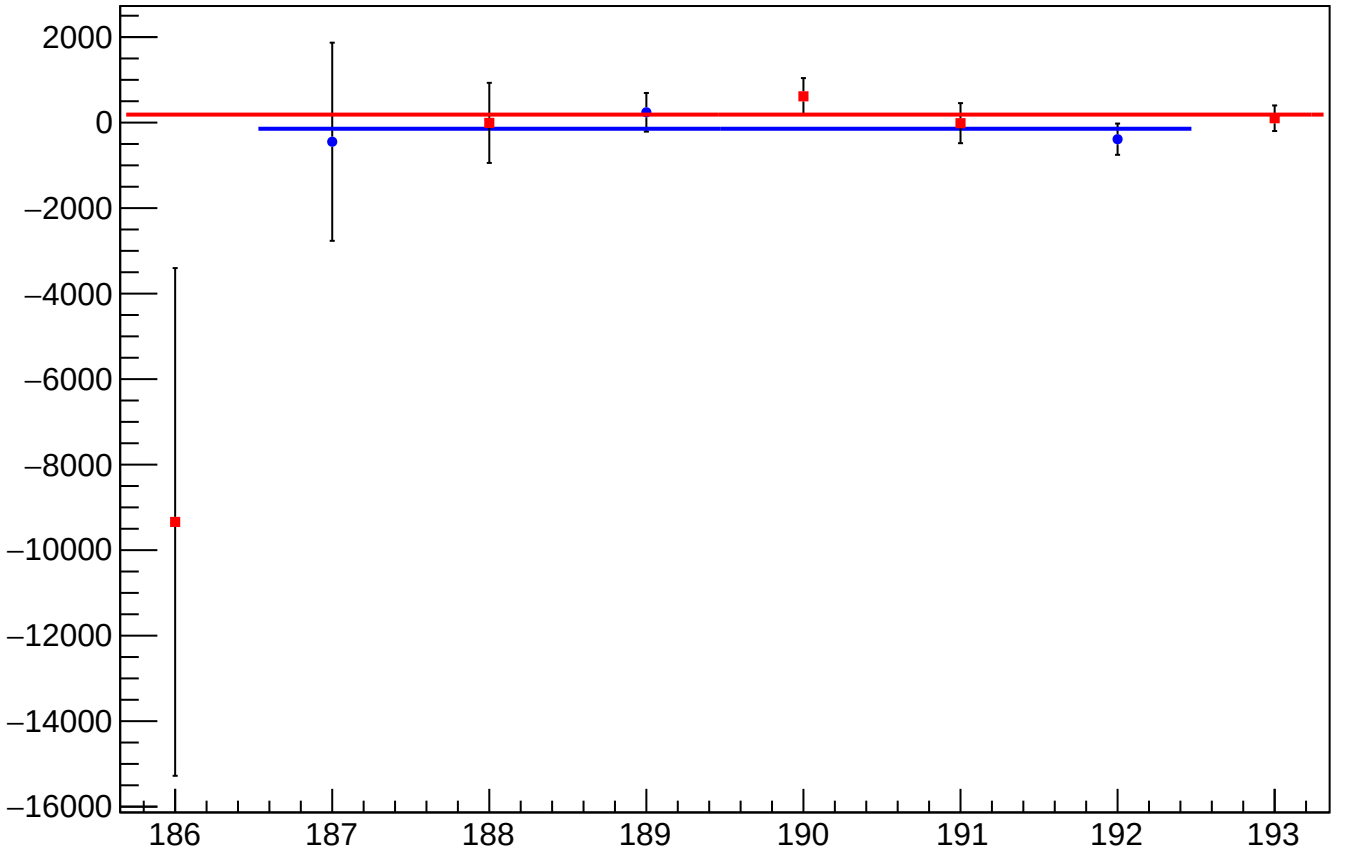
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 76.730+/-0.034 χ^2/NDF: 686486.5/7

In: 77.862+/-0.054 χ^2/NDF:31904.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 76.730+/-0.034 χ^2/NDF: 686486.5/7



Right In: -143.852+/-282.018 χ^2/NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 187.196+/-211.358 χ^2/NDF: 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

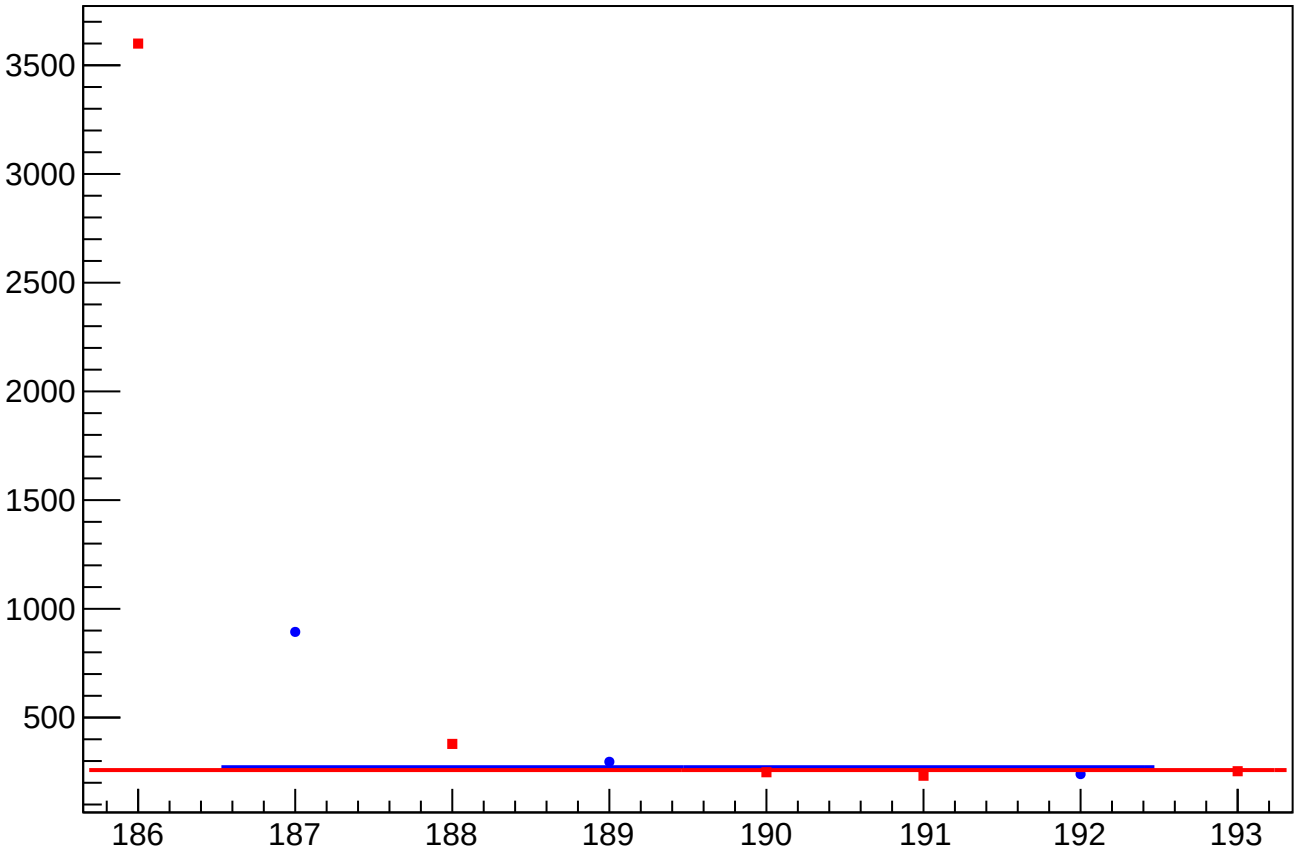
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 68.131+/-169.131 χ^2/NDF: 6.0/7

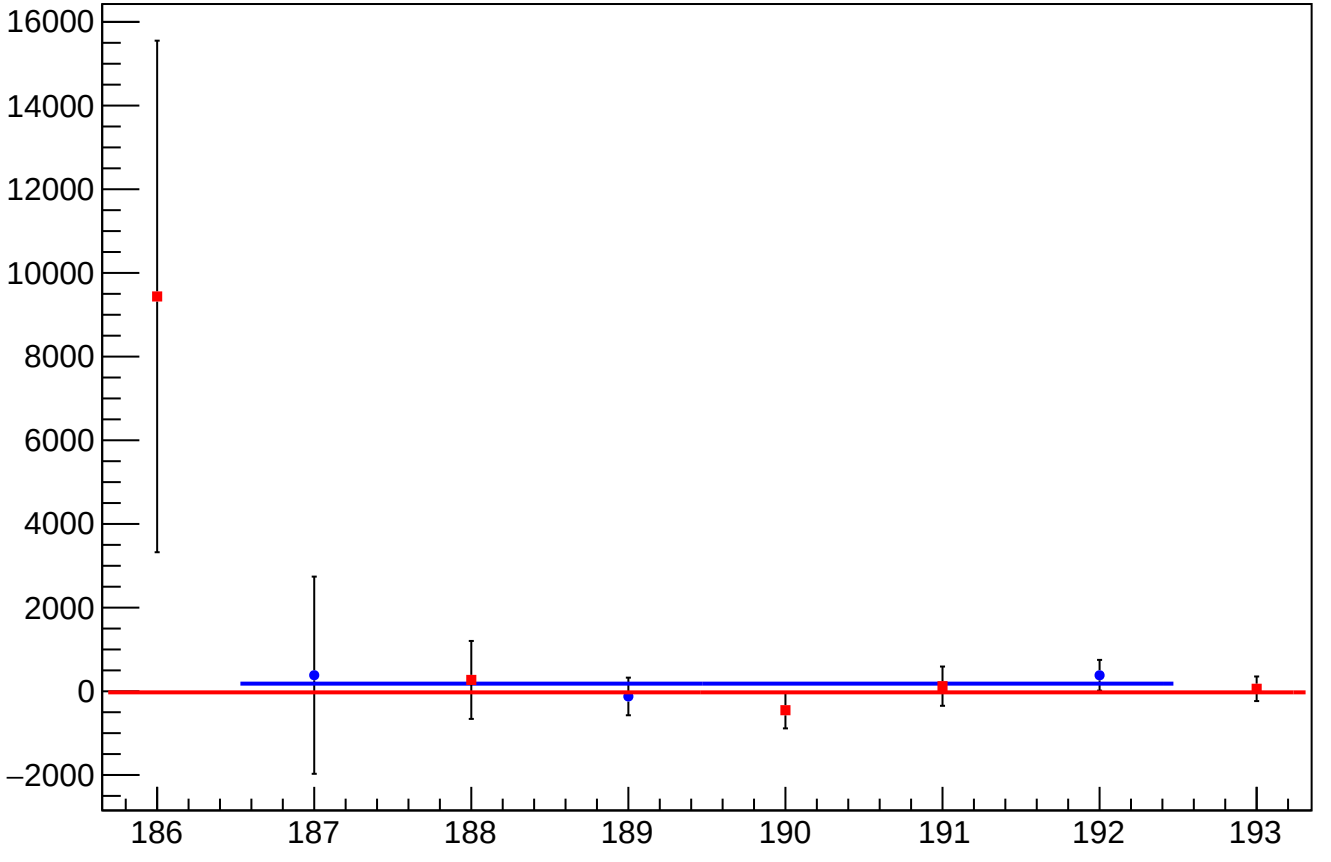
In: -143.852+/-282.018 χ^2/NDF:1.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 68.131+/-169.131 χ^2/NDF: 6.0/7


asym_sam_15_avg_correction_rms vs Slug, Sign Corrected
3500
3000
2500
2000
1500
1000
500
186
187
188
189
190
191
192
193
Right In: 271.568+/-0.199 χ2/NDF: 165476.3/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 258.376+/-0.149 χ2/NDF: 674183.0/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 263.121+/-0.120 χ2/NDF: 842461.5/7
In: 271.568+/-0.199 χ2/NDF:165476.3/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 263.121+/-0.120 χ2/NDF: 842461.5/7

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 183.347+/-282.539 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.041+/-210.377 χ^2/NDF: 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

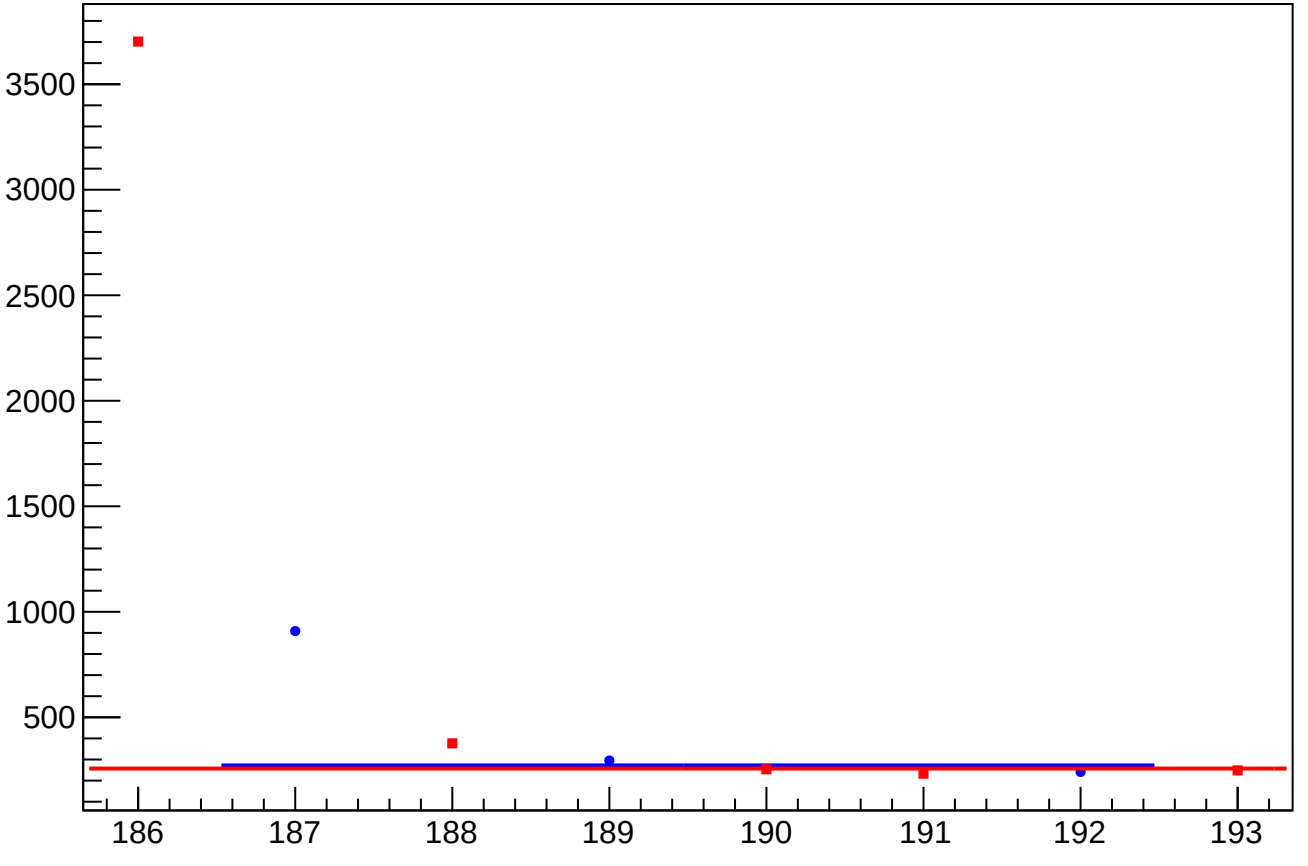
Right: 49.286+/-168.738 χ^2/NDF: 4.8/7

In: 183.347+/-282.539 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 49.286+/-168.738 χ^2/NDF: 4.8/7

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 272.066+/-0.200 χ^2/NDF: 165422.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 257.144+/-0.149 χ^2/NDF: 675270.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

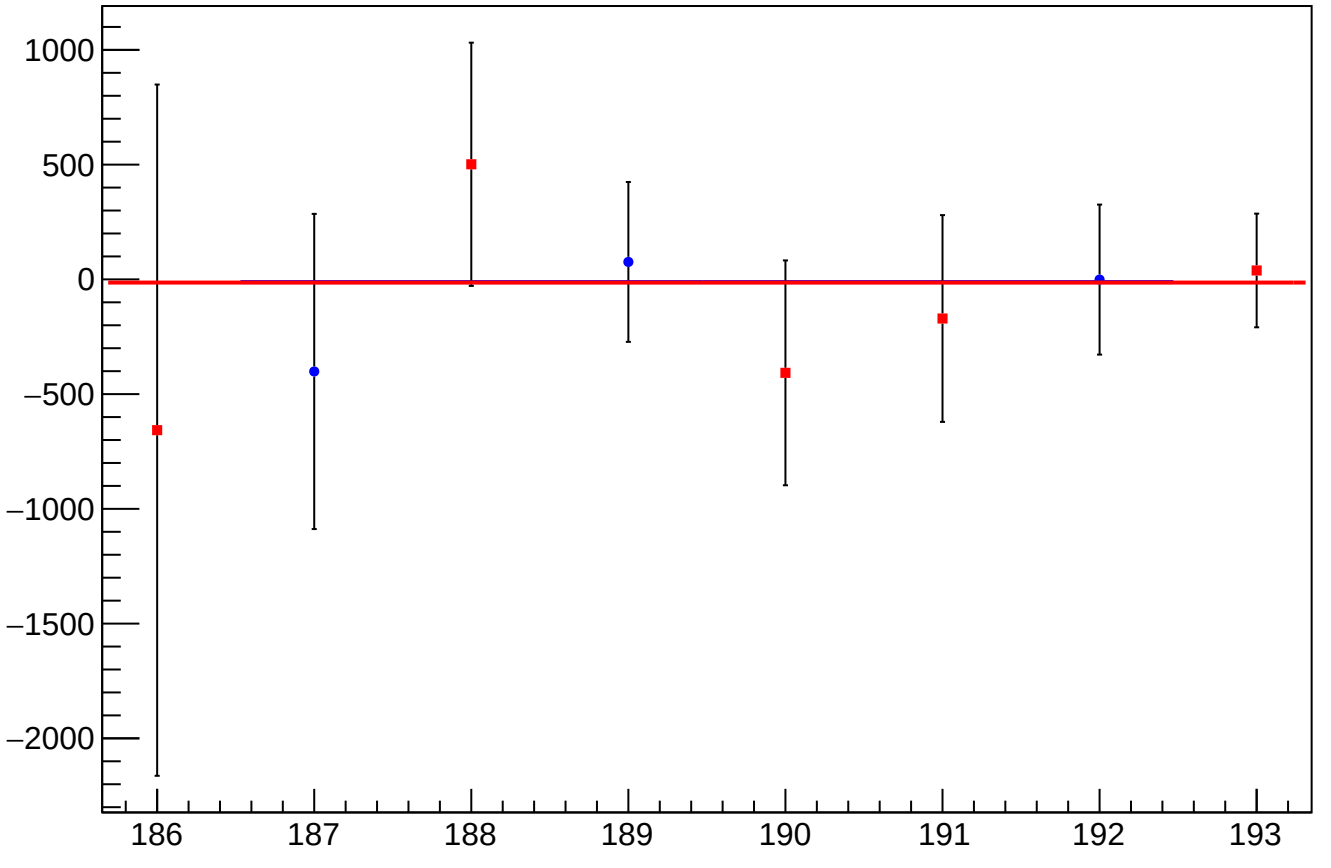
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 262.466+/-0.119 χ^2/NDF: 844281.4/7

In: 272.066+/-0.200 χ^2/NDF:165422.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 262.466+/-0.119 χ^2/NDF: 844281.4/7



Right In: -11.860+/-225.166 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.899+/-184.444 χ^2/NDF: 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

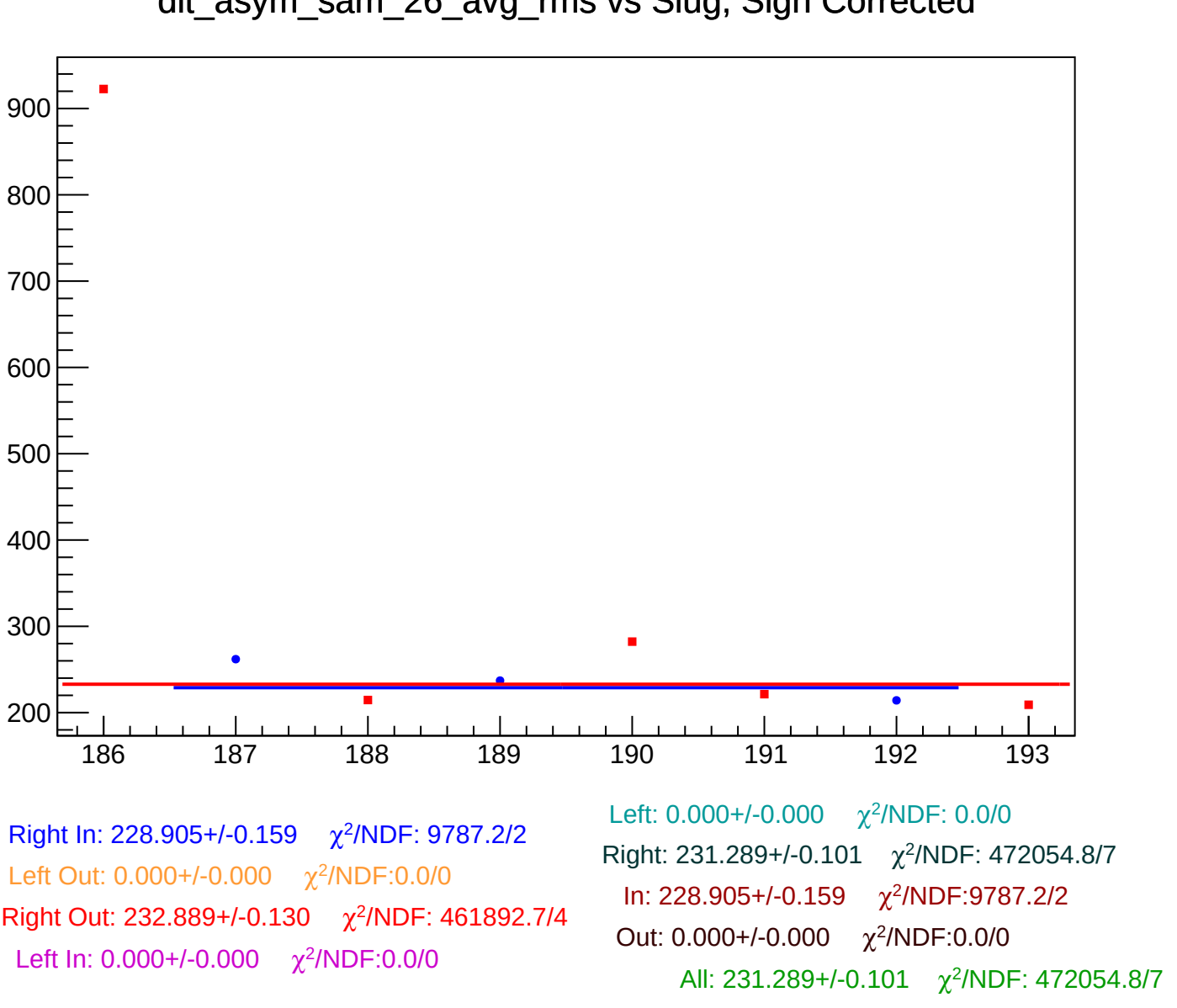
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13.080+/-142.684 χ^2/NDF: 2.3/7

In: -11.860+/-225.166 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.080+/-142.684 χ^2/NDF: 2.3/7


dit_asym_sam_26_avg_rms vs Slug, Sign Corrected
900
800
700
600
500
400
300
200
186
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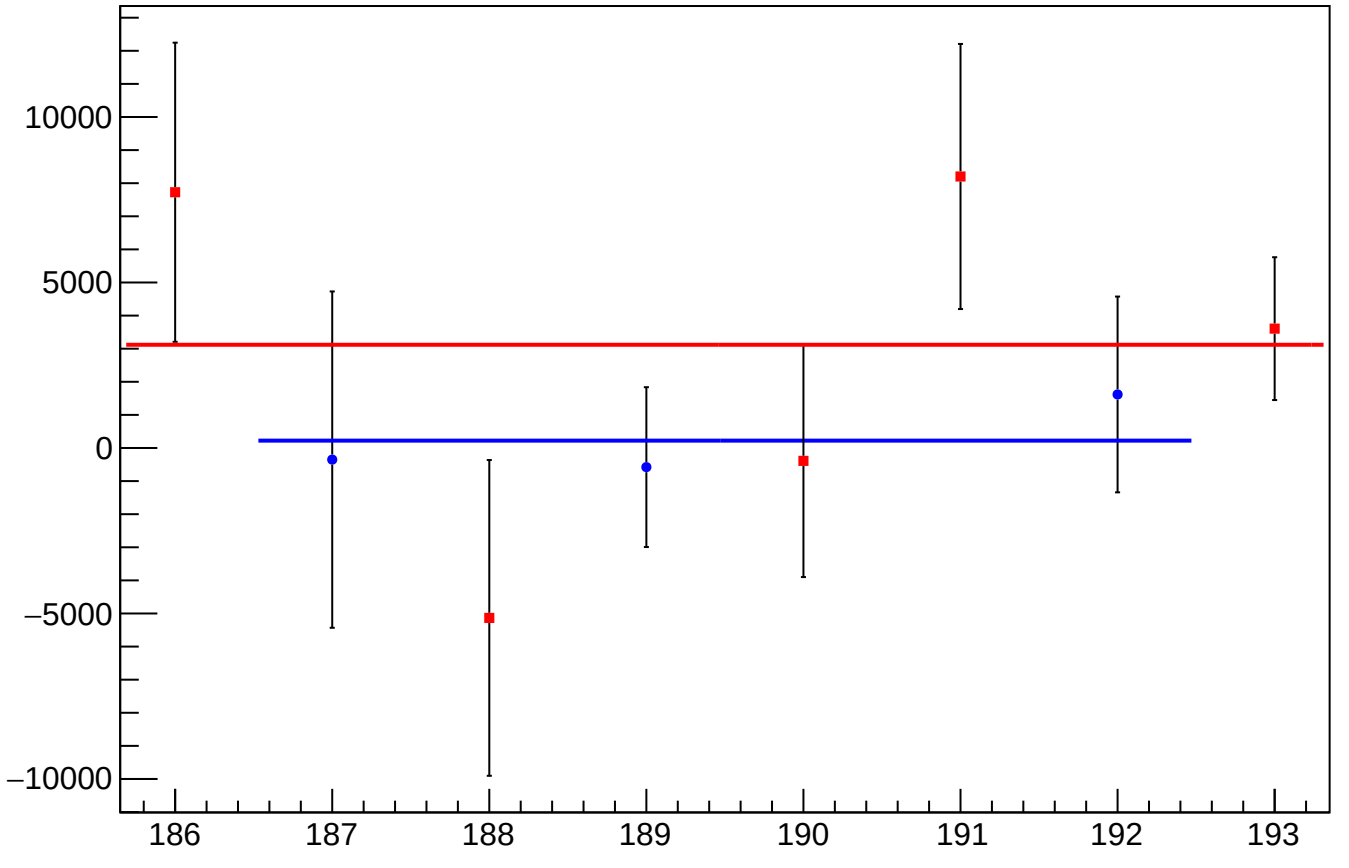
188
189
190
191
192
193
Right In: 228.905+/-0.159 χ²/NDF: 9787.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 232.889+/-0.130 χ²/NDF: 461892.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 231.289+/-0.101 χ²/NDF: 472054.8/7
In: 228.905+/-0.159 χ²/NDF:9787.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 231.289+/-0.101 χ²/NDF: 472054.8/7



Right In: 222.403+/-1755.301 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3118.696+/-1488.668 χ^2/NDF: 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

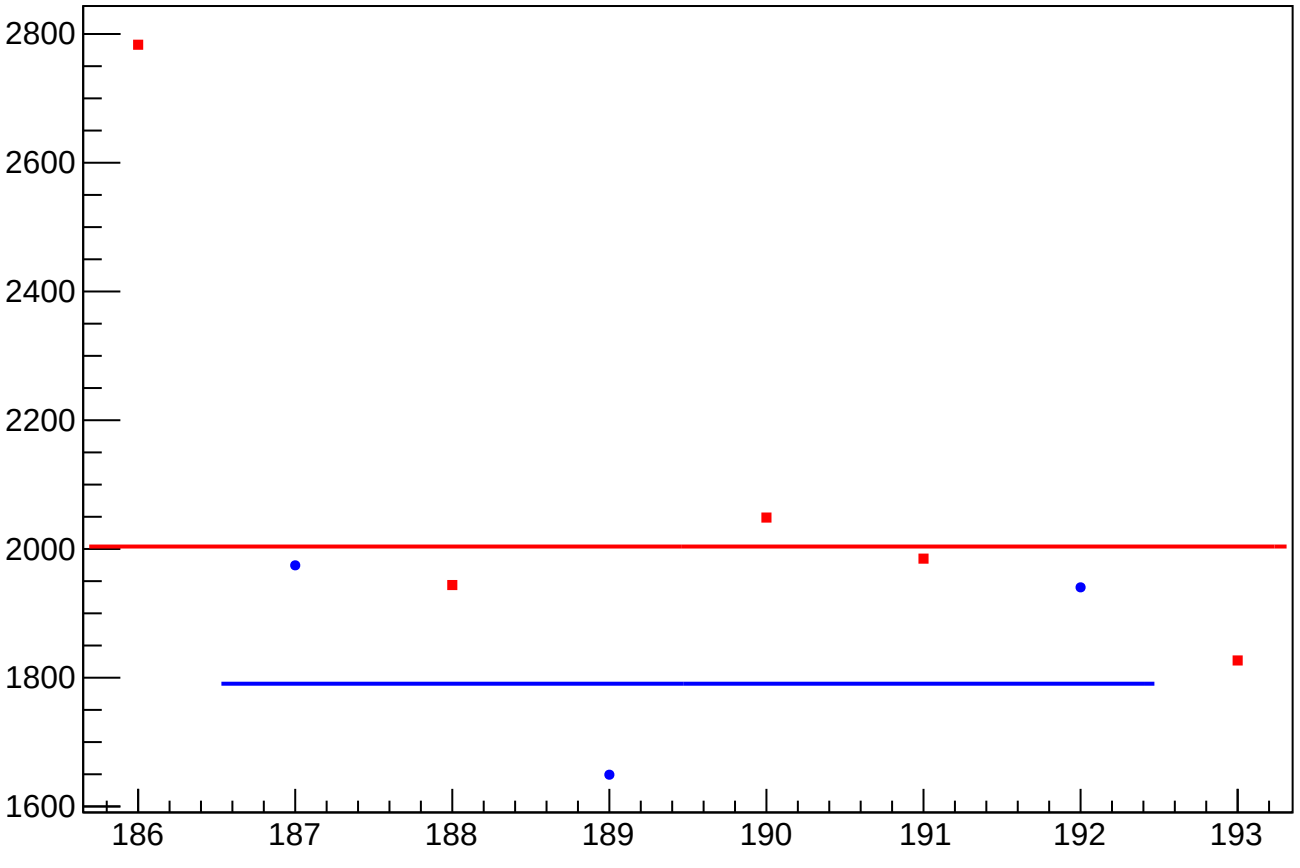
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1907.008+/-1135.340 χ^2/NDF: 8.6/7

In: 222.403+/-1755.301 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1907.008+/-1135.340 χ^2/NDF: 8.6/7



Right In: 1790.665+/-1.241 χ^2/NDF: 14597.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2003.783+/-1.053 χ^2/NDF: 73667.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

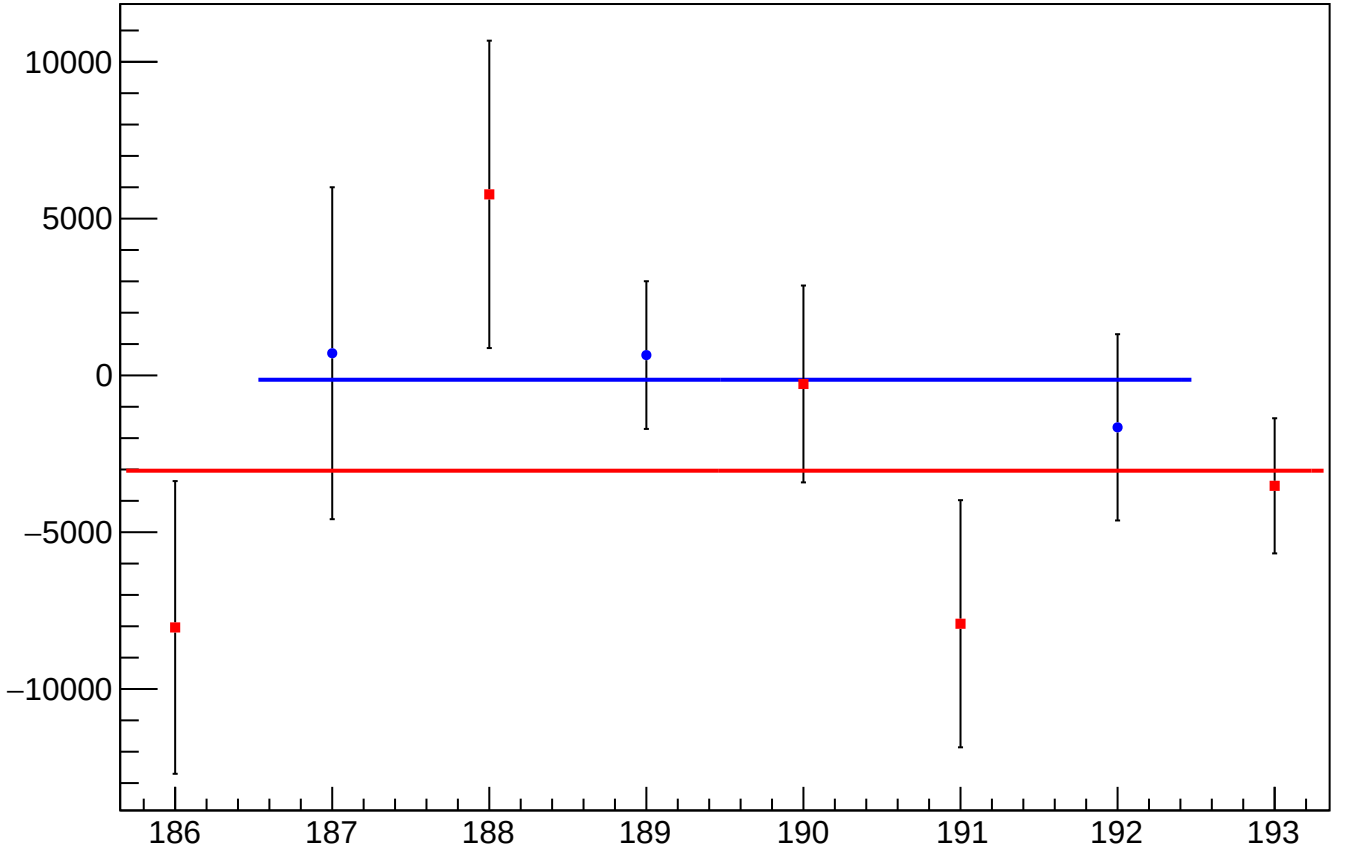
Right: 1914.624+/-0.803 χ^2/NDF: 105413.6/7

In: 1790.665+/-1.241 χ^2/NDF:14597.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1914.624+/-0.803 χ^2/NDF: 105413.6/7

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -138.085+/-1742.492 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3038.629+/-1460.591 χ^2/NDF: 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

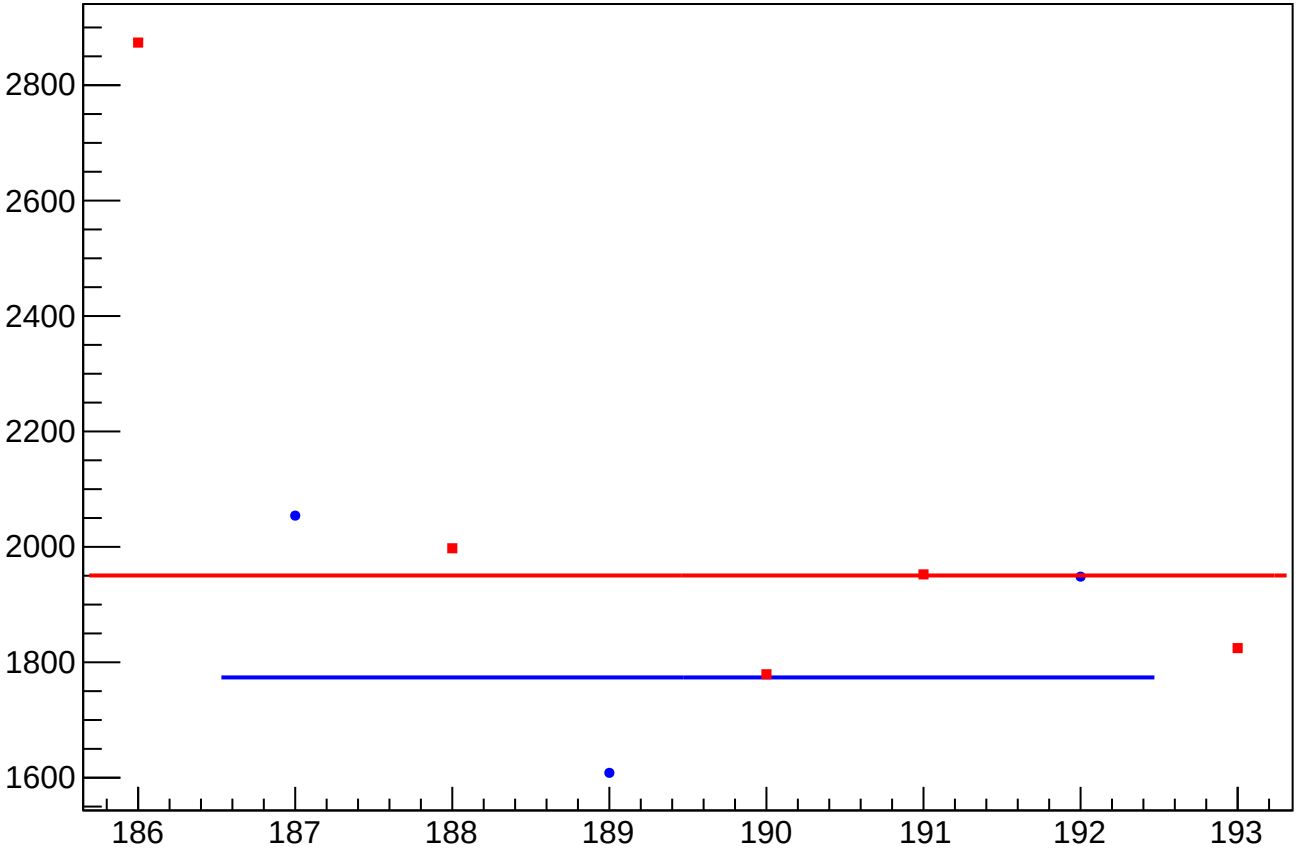
Right: -1841.670+/-1119.362 χ^2/NDF: 8.8/7

In: -138.085+/-1742.492 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1841.670+/-1119.362 χ^2/NDF: 8.8/7

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1773.781+/-1.232 χ^2/NDF: 22381.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1950.435+/-1.033 χ^2/NDF: 91234.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

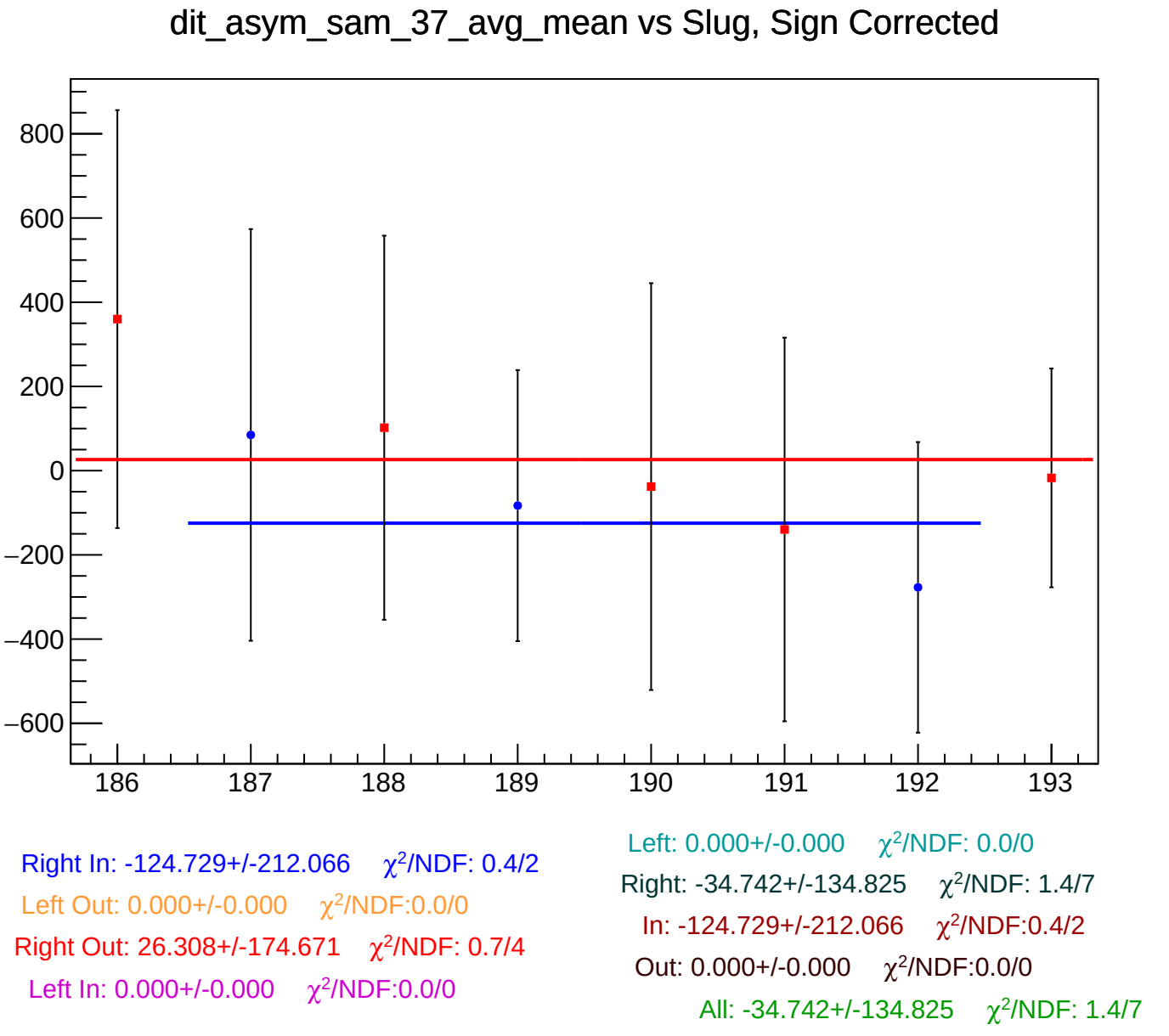
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

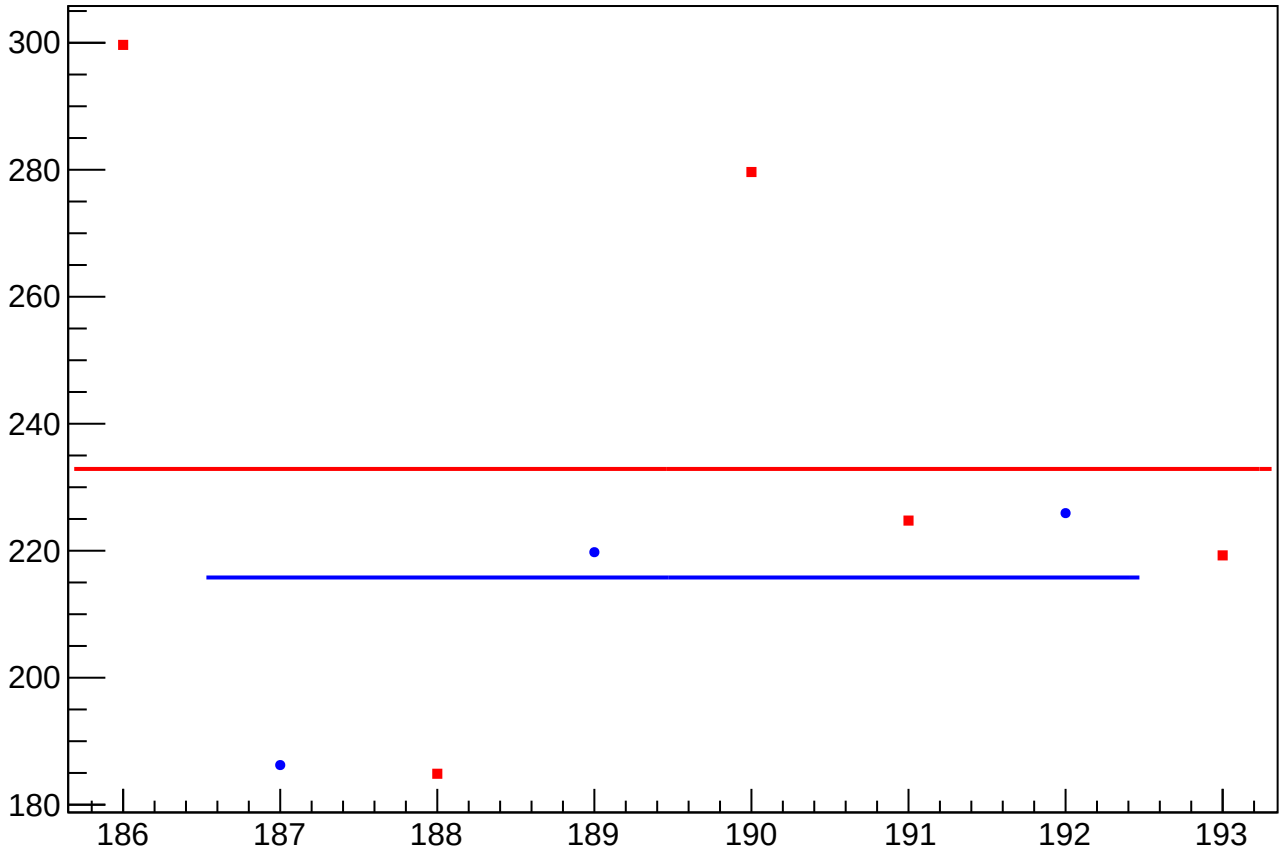
Right: 1877.536+/-0.792 χ^2/NDF: 125689.2/7

In: 1773.781+/-1.232 χ^2/NDF:22381.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1877.536+/-0.792 χ^2/NDF: 125689.2/7


dit_asym_sam_37_avg_mean vs Slug, Sign Corrected
800
600
400
200
0
−200
−400
−600
186
187
188
189
190
191
192
193
Right In: -124.729+/-212.066 χ²/NDF: 0.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 26.308+/-174.671 χ²/NDF: 0.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -34.742+/-134.825 χ²/NDF: 1.4/7
In: -124.729+/-212.066 χ²/NDF:0.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -34.742+/-134.825 χ²/NDF: 1.4/7



Right In: 215.785+/-0.150 χ^2/NDF: 9336.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 232.881+/-0.124 χ^2/NDF: 83239.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

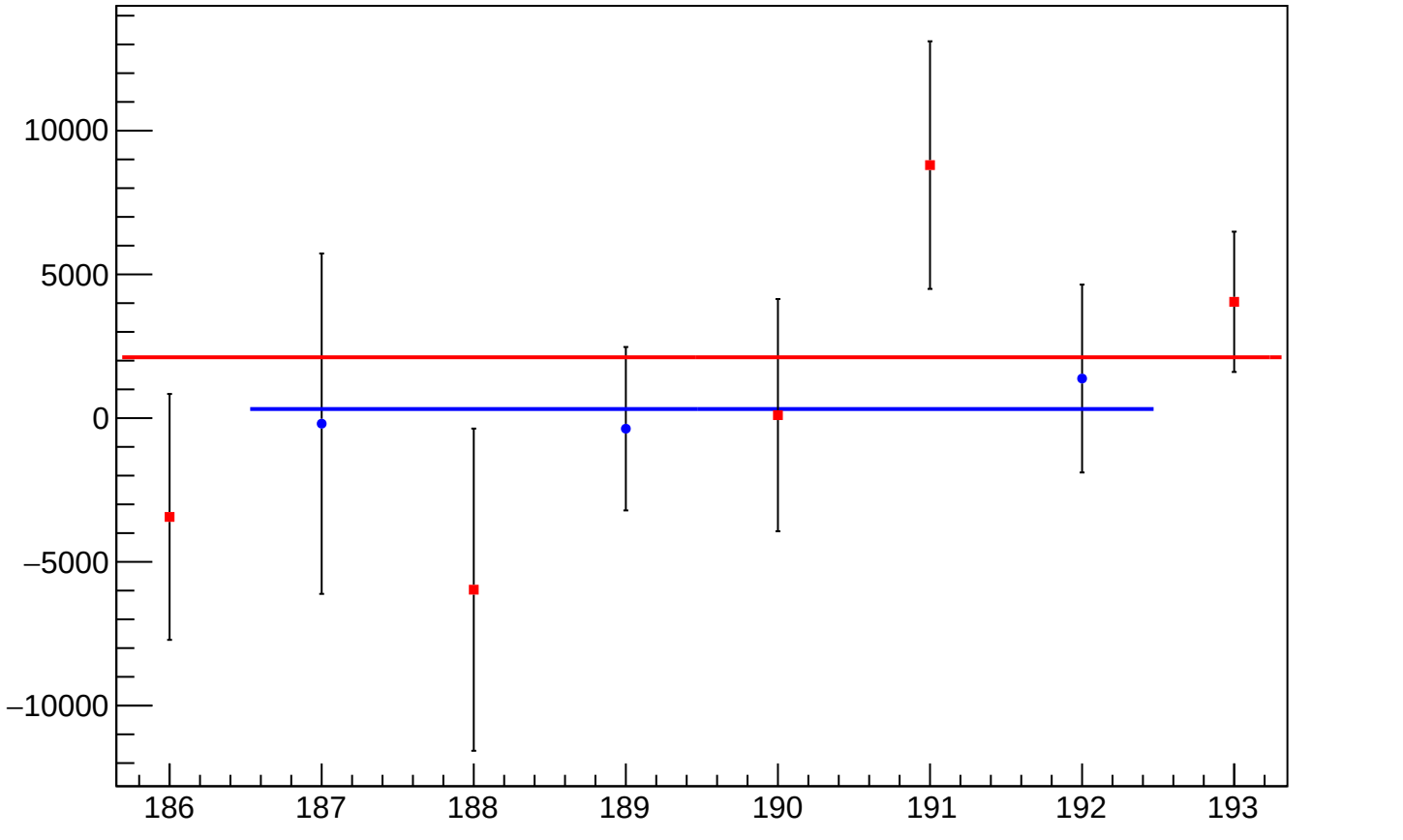
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 225.971+/-0.095 χ^2/NDF: 100321.2/7

In: 215.785+/-0.150 χ^2/NDF:9336.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 225.971+/-0.095 χ^2/NDF: 100321.2/7



Right In: 316.670+/-2016.505 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2116.688+/-1644.768 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

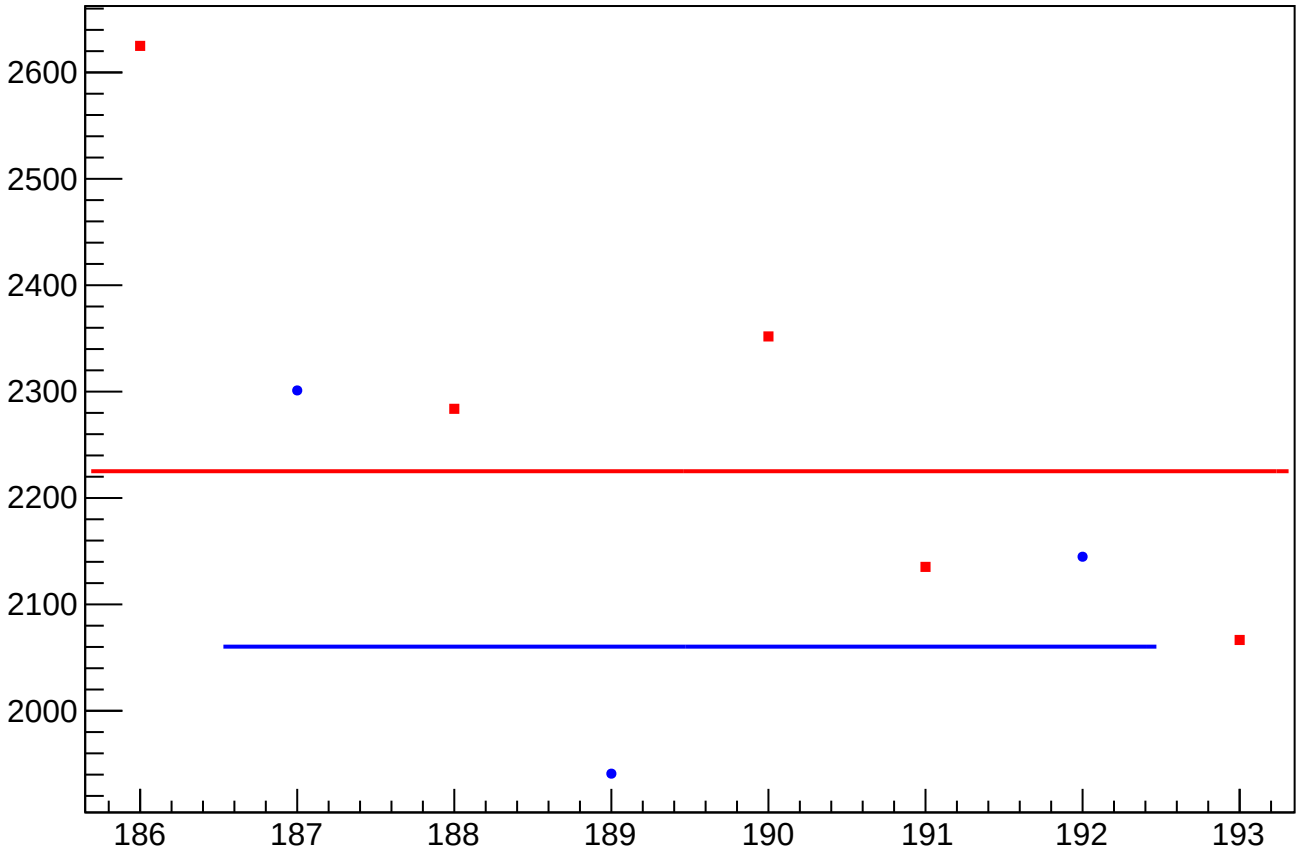
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1397.573+/-1274.559 χ^2/NDF: 7.7/7

In: 316.670+/-2016.505 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1397.573+/-1274.559 χ^2/NDF: 7.7/7



Right In: 2060.298+/-1.426 χ^2/NDF: 8174.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2225.174+/-1.163 χ^2/NDF: 28981.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

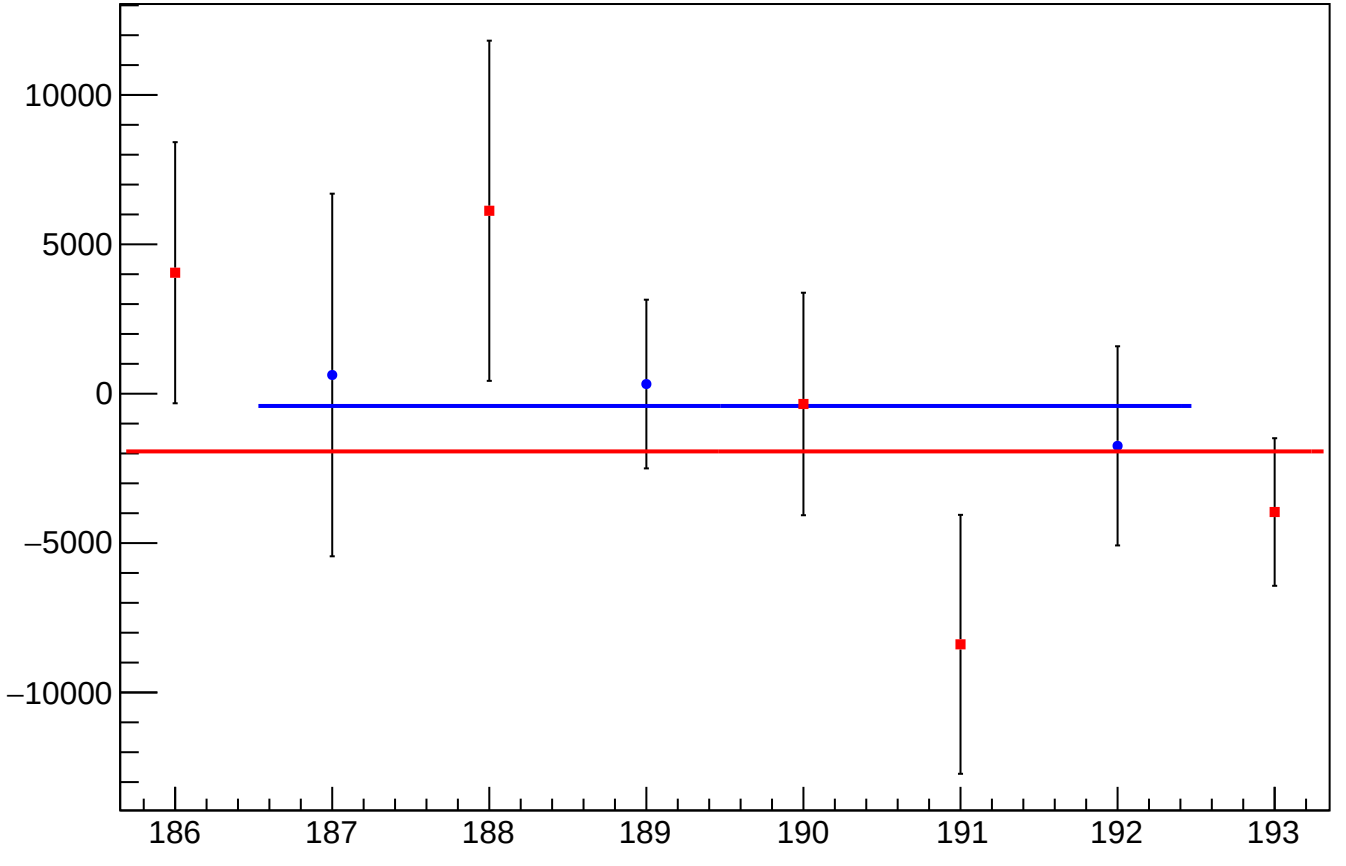
Right: 2159.306+/-0.901 χ^2/NDF: 45184.4/7

In: 2060.298+/-1.426 χ^2/NDF:8174.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2159.306+/-0.901 χ^2/NDF: 45184.4/7

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -410.139+/-2030.250 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1931.406+/-1638.583 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

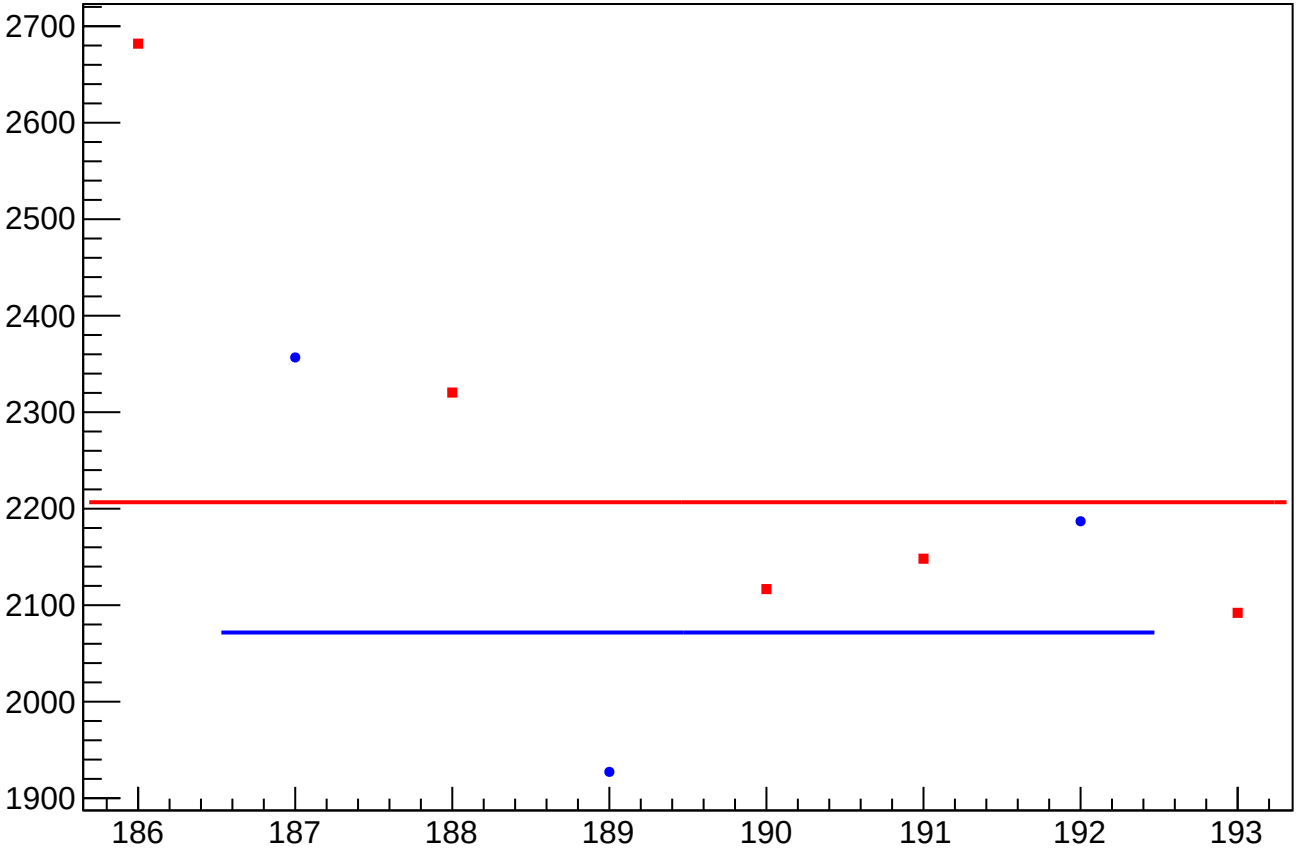
Right: -1331.346+/-1275.100 χ^2/NDF: 7.5/7

In: -410.139+/-2030.250 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1331.346+/-1275.100 χ^2/NDF: 7.5/7

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 2071.694+/-1.436 χ^2/NDF: 12038.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2206.695+/-1.159 χ^2/NDF: 30290.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

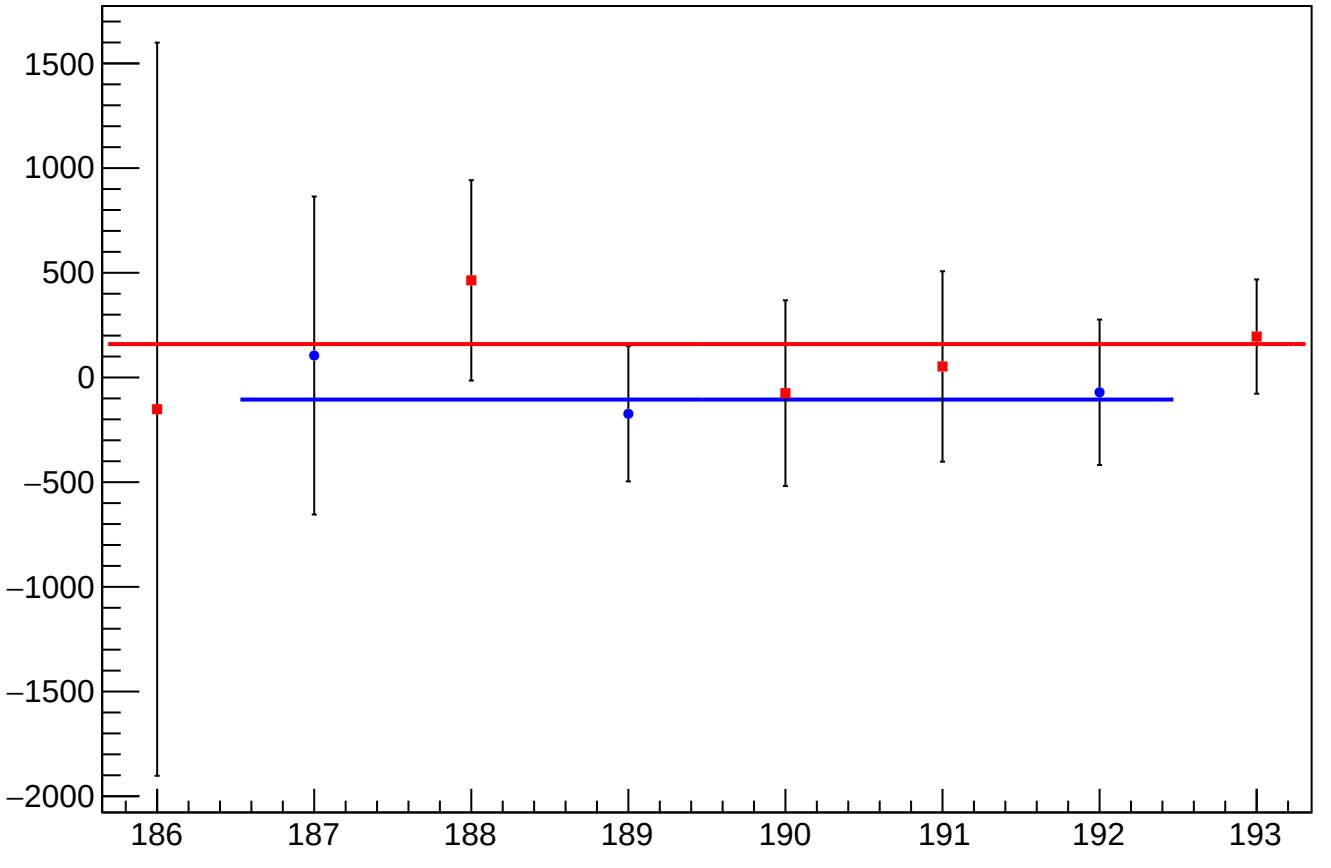
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2153.444+/-0.902 χ^2/NDF: 47684.1/7

In: 2071.694+/-1.436 χ^2/NDF:12038.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2153.444+/-0.902 χ^2/NDF: 47684.1/7



Right In: -105.420+/-225.787 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 159.520+/-188.846 χ^2/NDF: 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

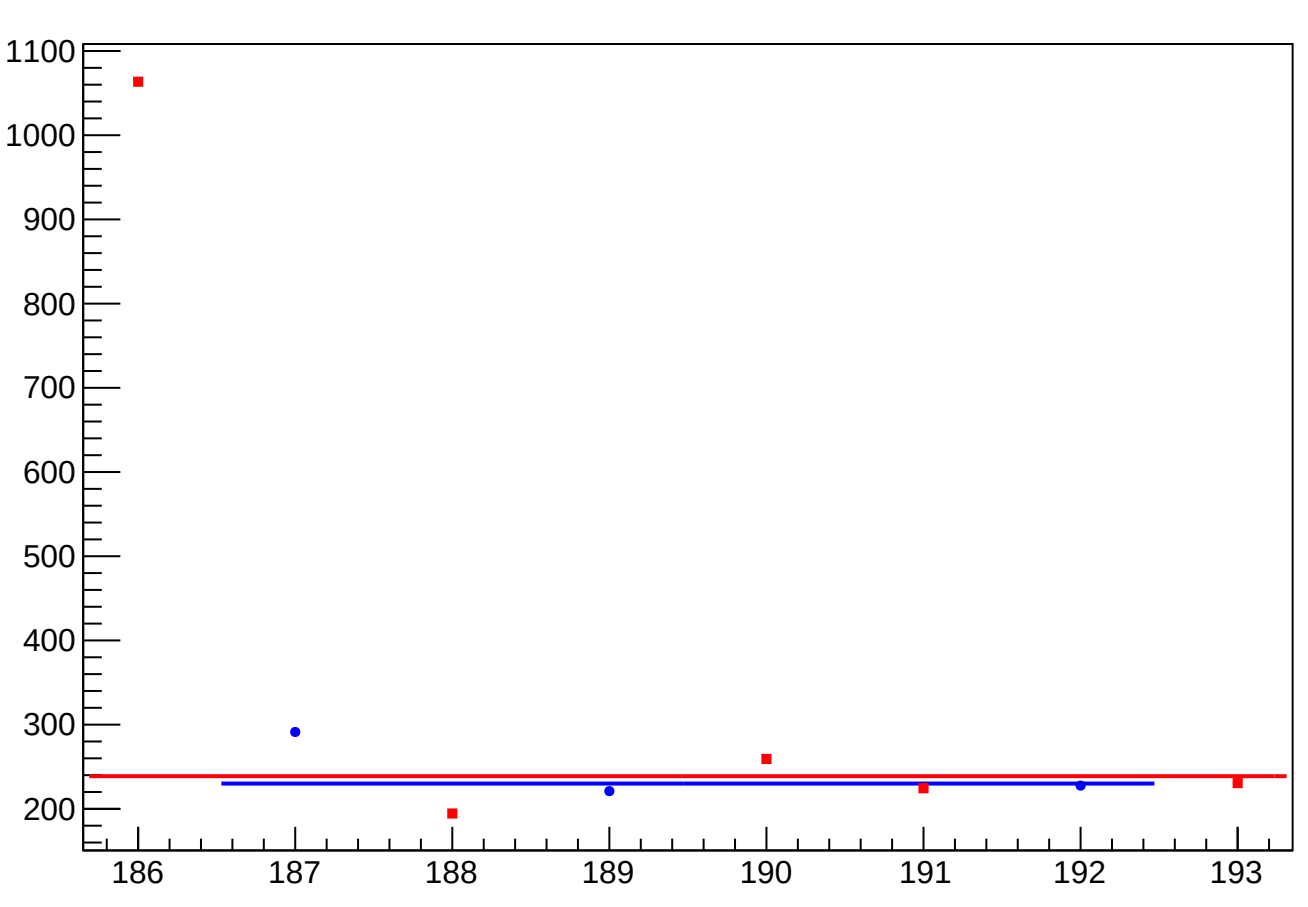
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 50.469+/-144.858 χ^2/NDF: 1.7/7

In: -105.420+/-225.787 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 50.469+/-144.858 χ^2/NDF: 1.7/7


dit_asym_sam_48_avg_rms vs Slug, Sign Corrected
1100
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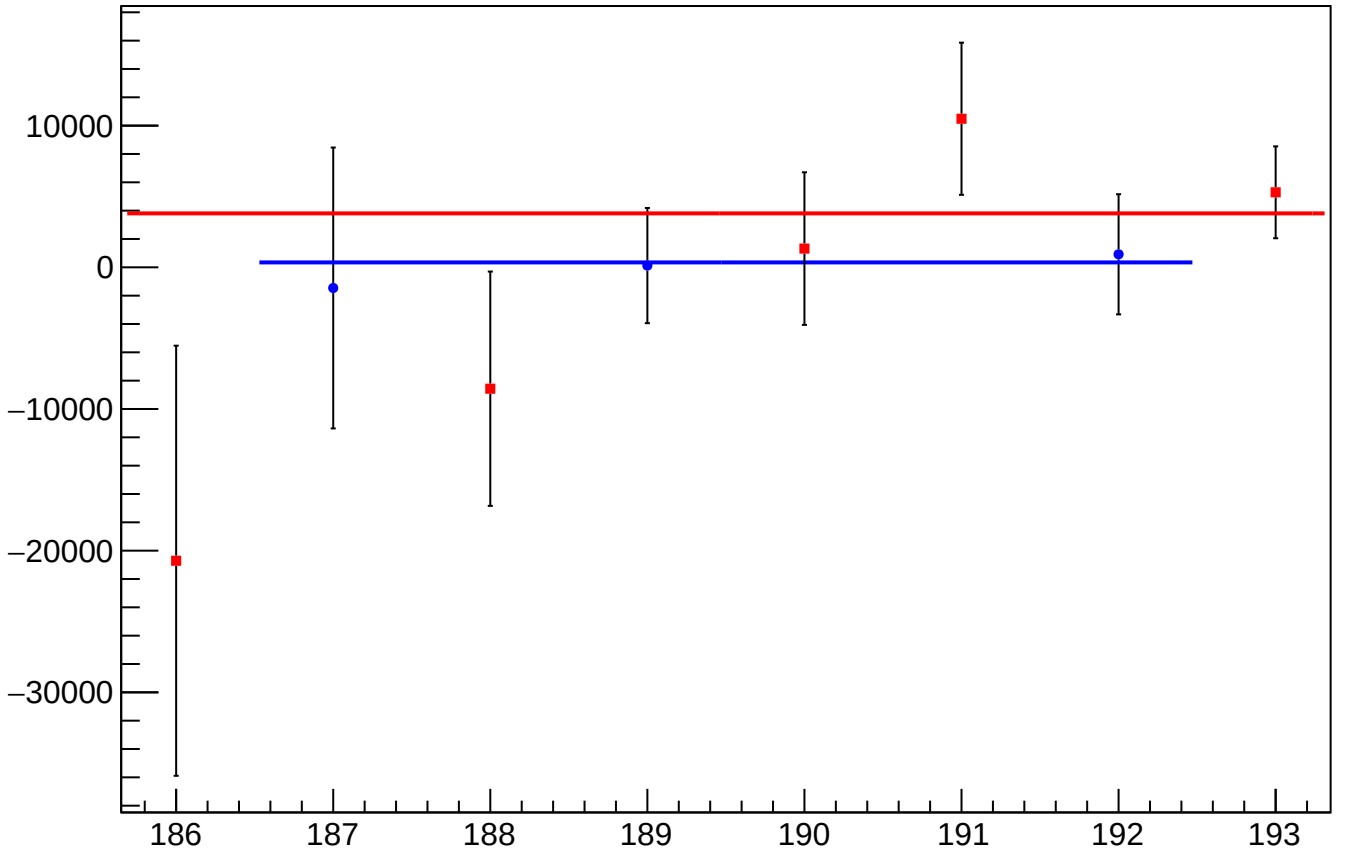
186
187
188
189
190
191
192
193
Right In: 230.034+/-0.160 χ²/NDF: 14656.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 238.776+/-0.134 χ²/NDF: 469073.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 235.178+/-0.102 χ²/NDF: 485494.2/7
In: 230.034+/-0.160 χ²/NDF:14656.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 235.178+/-0.102 χ²/NDF: 485494.2/7



Right In: 345.818+/-2813.826 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3807.434+/-2335.987 χ^2/NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

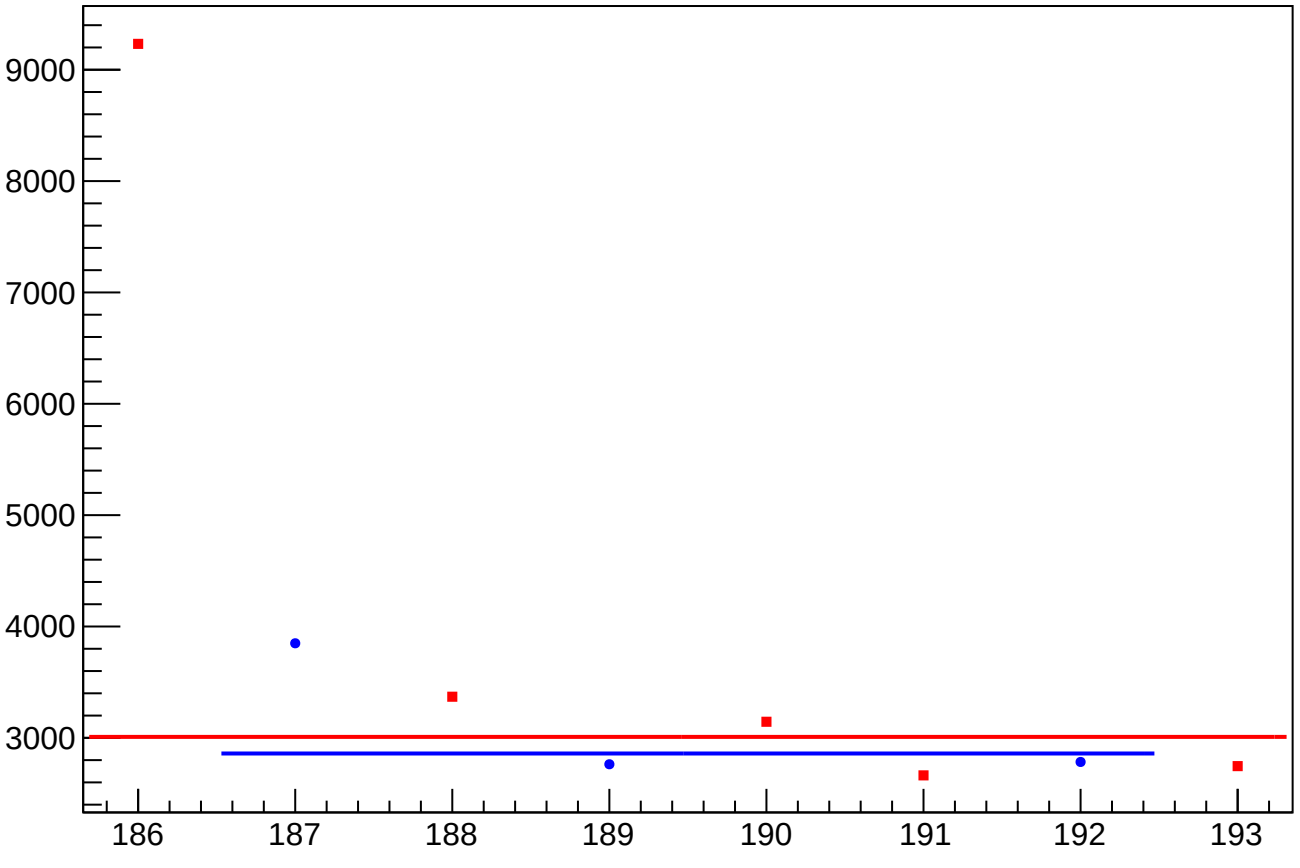
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

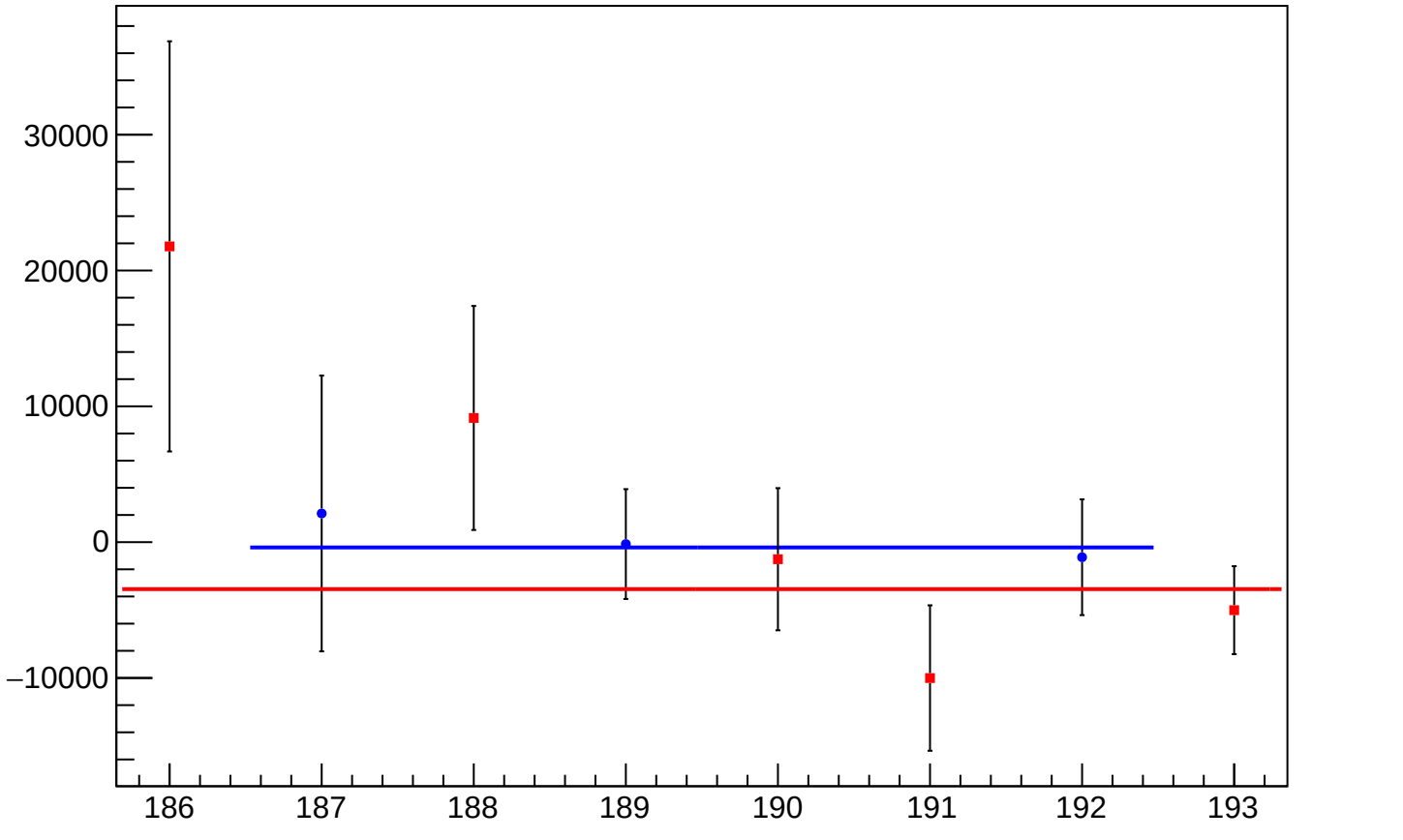
Right: 2395.080+/-1797.338 χ^2/NDF: 7.8/7

In: 345.818+/-2813.826 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2395.080+/-1797.338 χ^2/NDF: 7.8/7


asym_sam_48_avg_correction_rms vs Slug, Sign Corrected
9000
8000
7000
6000
5000
4000
3000
186
187
188
189
190
191
192
193
Right In: 2859.522+/-1.990 χ²/NDF: 21703.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3008.666+/-1.652 χ²/NDF: 362681.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2947.814+/-1.271 χ²/NDF: 387712.0/7
In: 2859.522+/-1.990 χ²/NDF:21703.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2947.814+/-1.271 χ²/NDF: 387712.0/7



Right In: -390.454+/-2818.376 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3457.973+/-2319.499 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

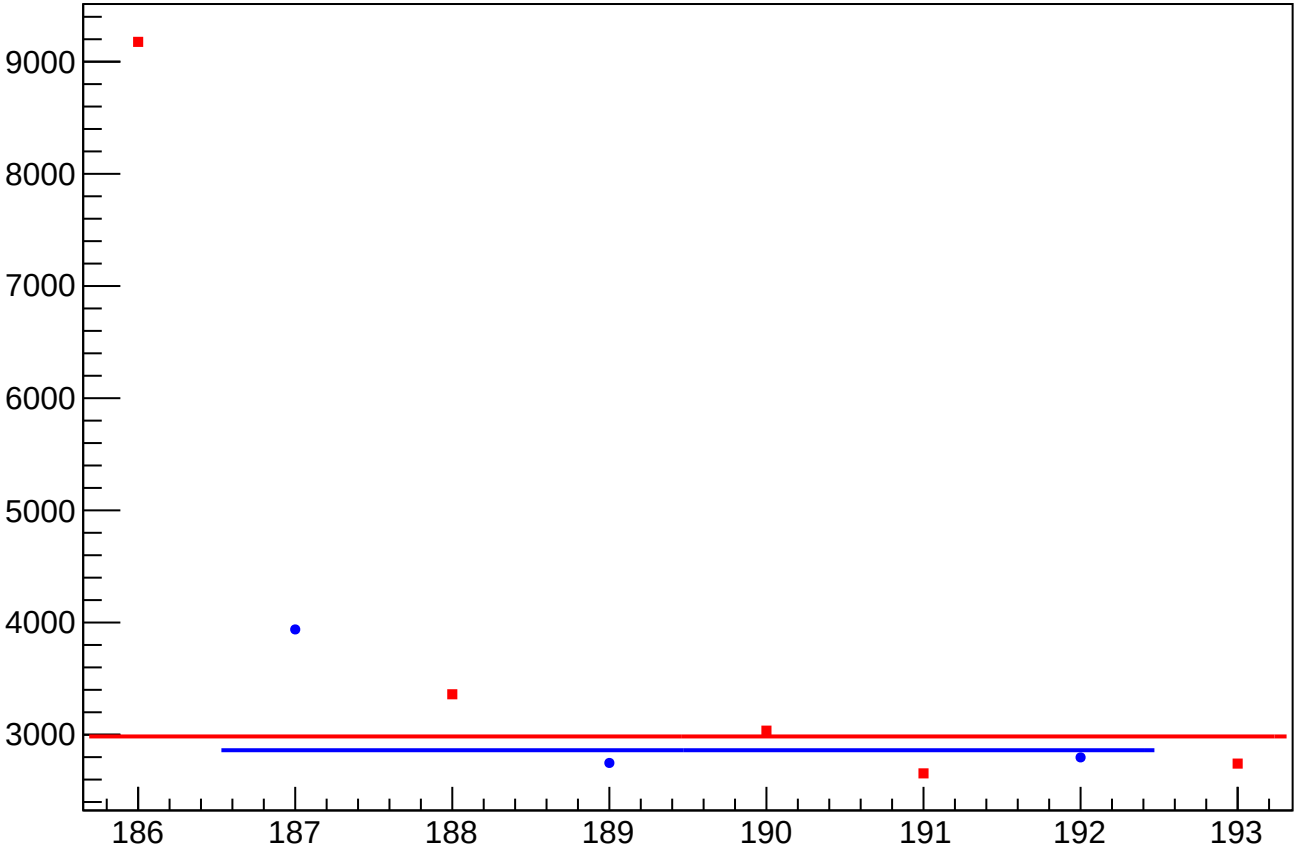
Right: -2219.281+/-1790.964 χ^2/NDF: 7.8/7

In: -390.454+/-2818.376 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2219.281+/-1790.964 χ^2/NDF: 7.8/7

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2861.615+/-1.993 χ^2/NDF: 24529.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2984.448+/-1.640 χ^2/NDF: 359416.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

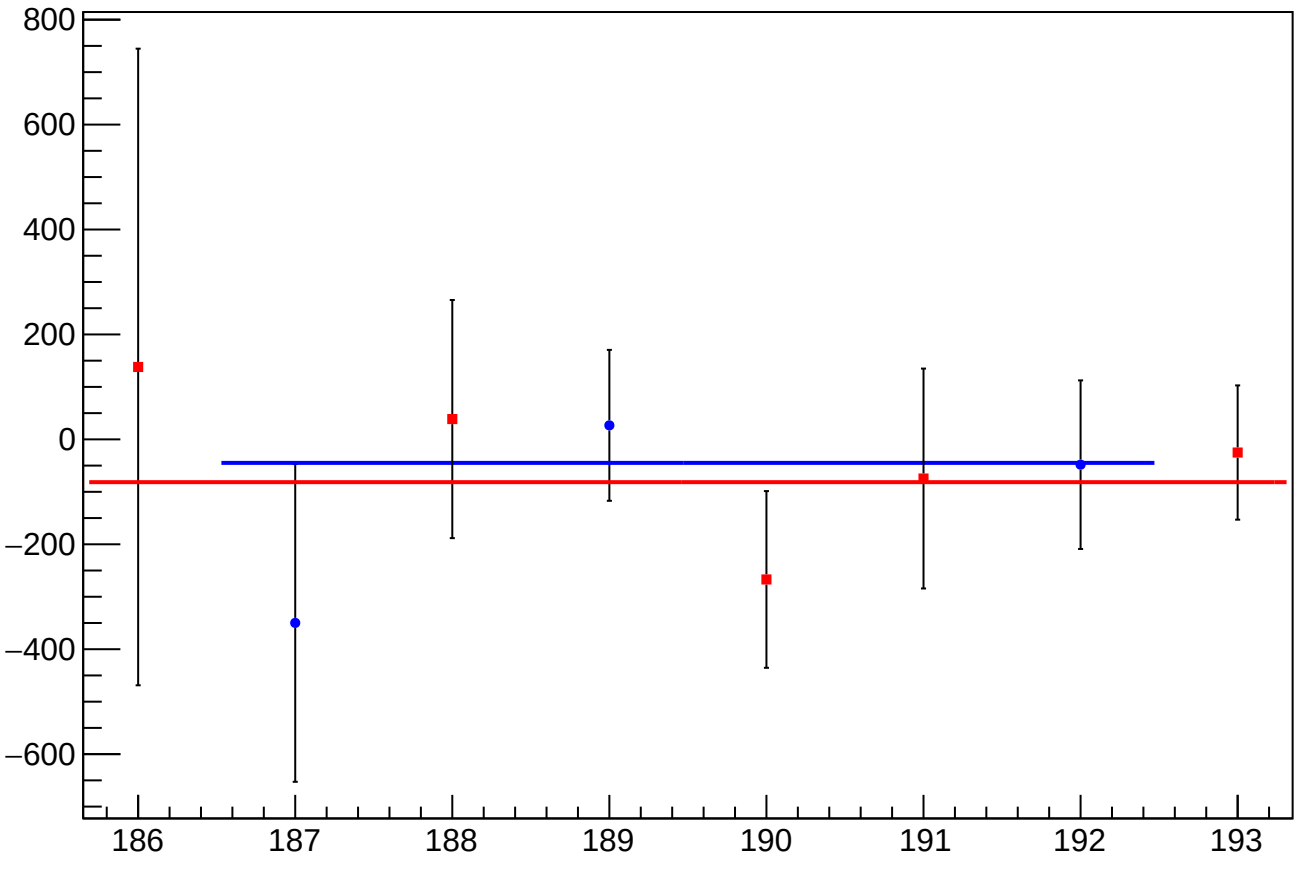
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

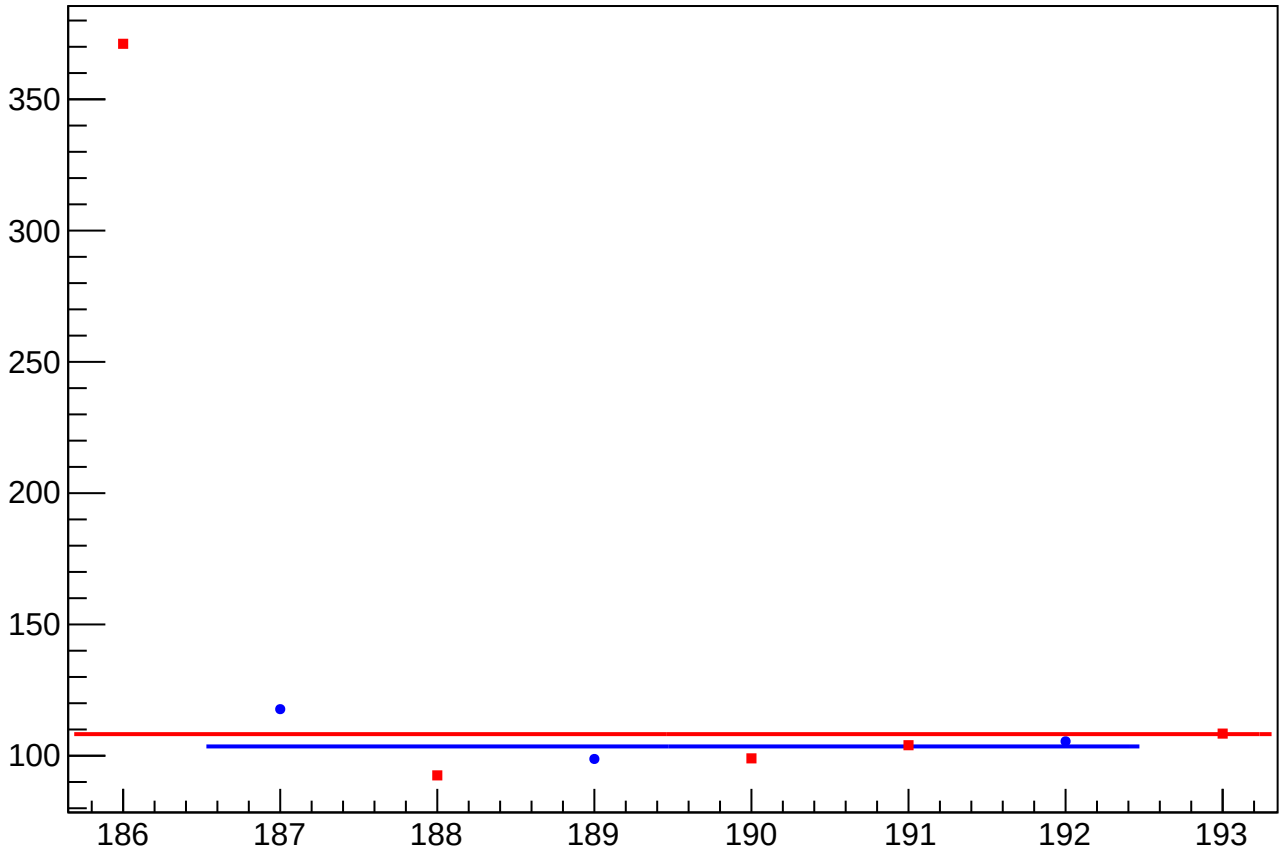
Right: 2934.847+/-1.266 χ^2/NDF: 386210.6/7

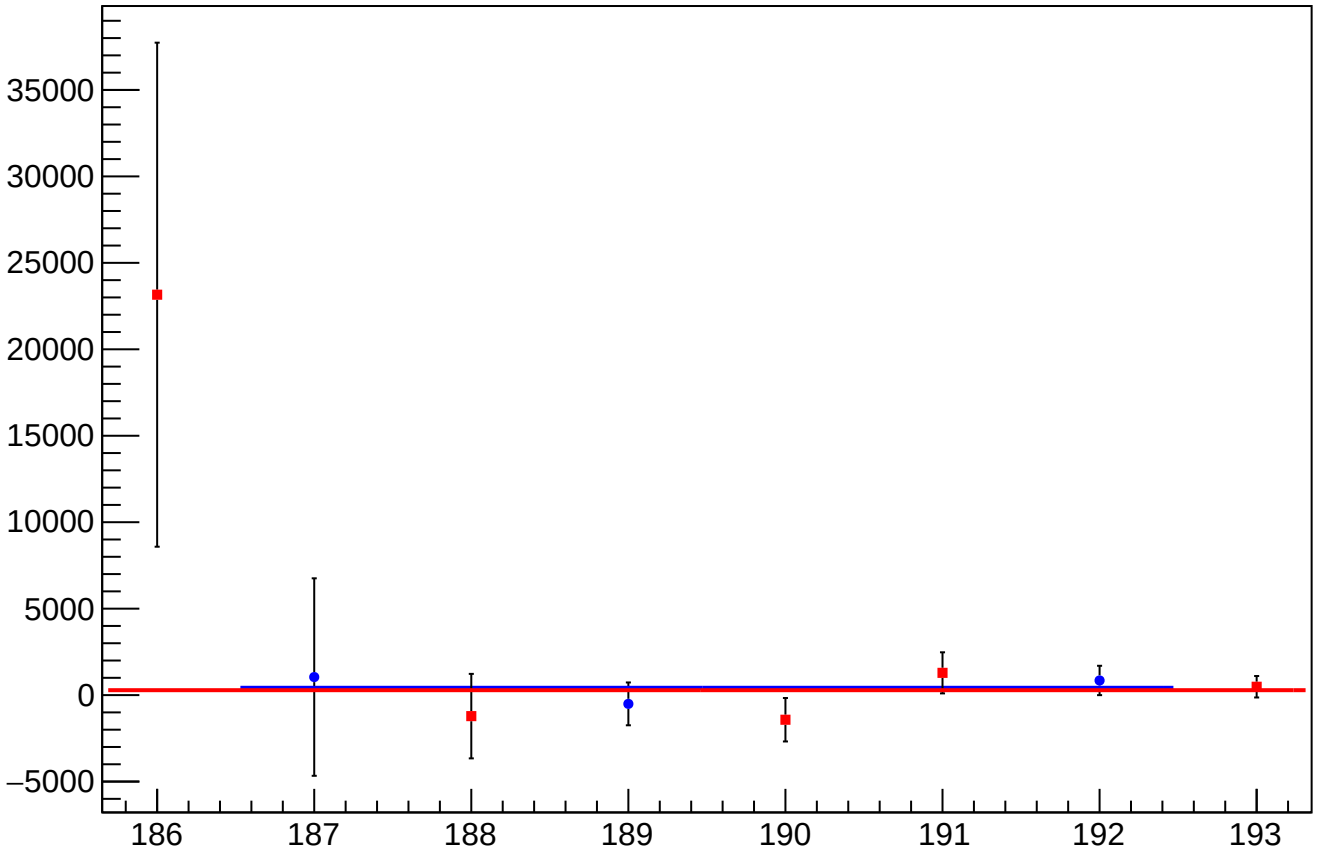
In: 2861.615+/-1.993 χ^2/NDF:24529.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2934.847+/-1.266 χ^2/NDF: 386210.6/7


dit_asym_sam_15_dd_mean vs Slug, Sign Corrected
800
600
400
200
0
−200
−400
−600
186
187
188
189
190
191
192
193
Right In: -44.824+/-101.029 χ²/NDF: 1.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -81.583+/-84.148 χ²/NDF: 1.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -66.527+/-64.658 χ²/NDF: 3.2/7
In: -44.824+/-101.029 χ²/NDF:1.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -66.527+/-64.658 χ²/NDF: 3.2/7


dit_asym_sam_15_dd_rms vs Slug, Sign Corrected
350
300
250
200
150
100
186
187
188
189
190
191
192
193
Right In: 103.542+/-0.071 χ²/NDF: 6889.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 108.230+/-0.060 χ²/NDF: 391923.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 106.310+/-0.046 χ²/NDF: 401354.6/7
In: 103.542+/-0.071 χ²/NDF:6889.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 106.310+/-0.046 χ²/NDF: 401354.6/7



Right In: 423.139+/-695.129 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 284.695+/-493.310 χ^2/NDF: 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

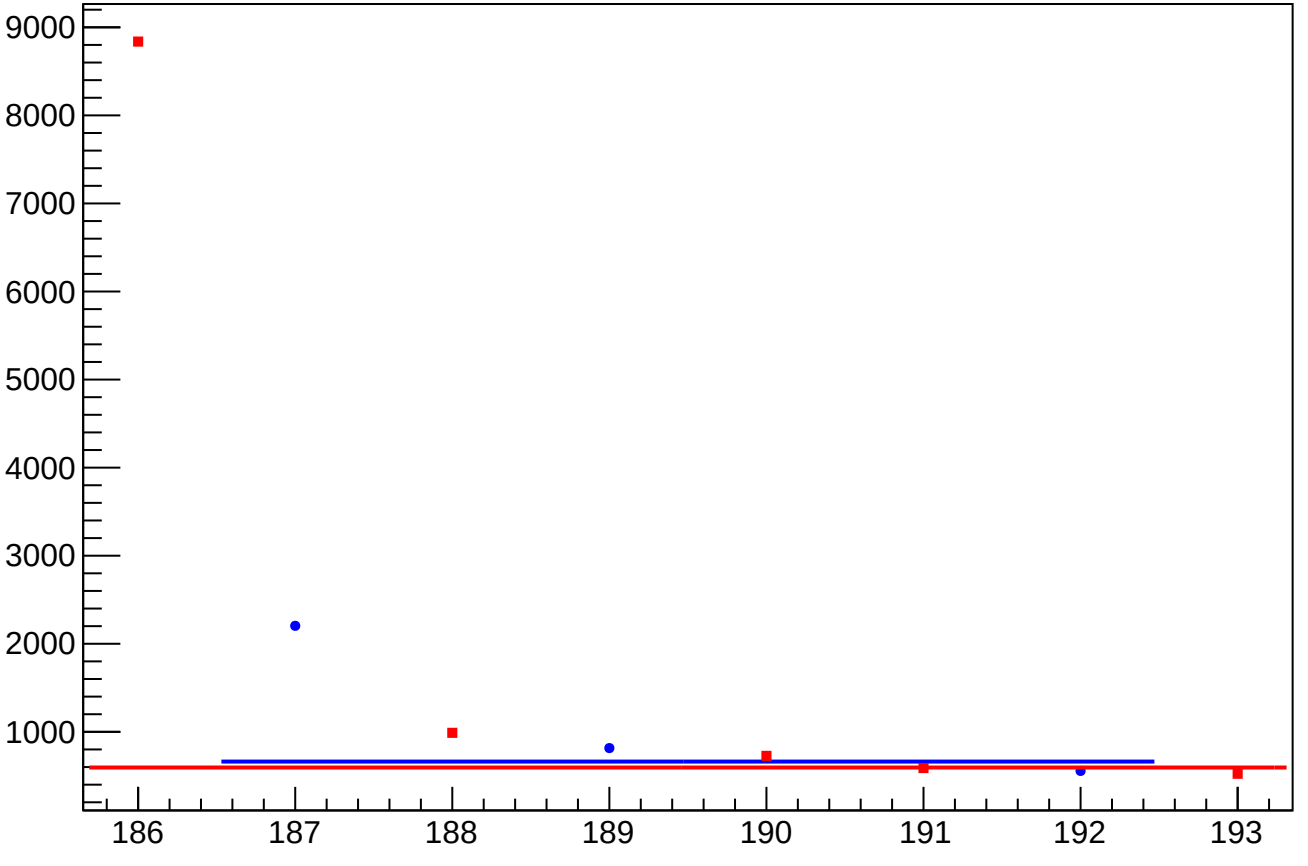
Right: 331.066+/-402.300 χ^2/NDF: 6.4/7

In: 423.139+/-695.129 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 331.066+/-402.300 χ^2/NDF: 6.4/7

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 662.315+/-0.492 χ^2/NDF: 207532.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 594.918+/-0.349 χ^2/NDF: 739987.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

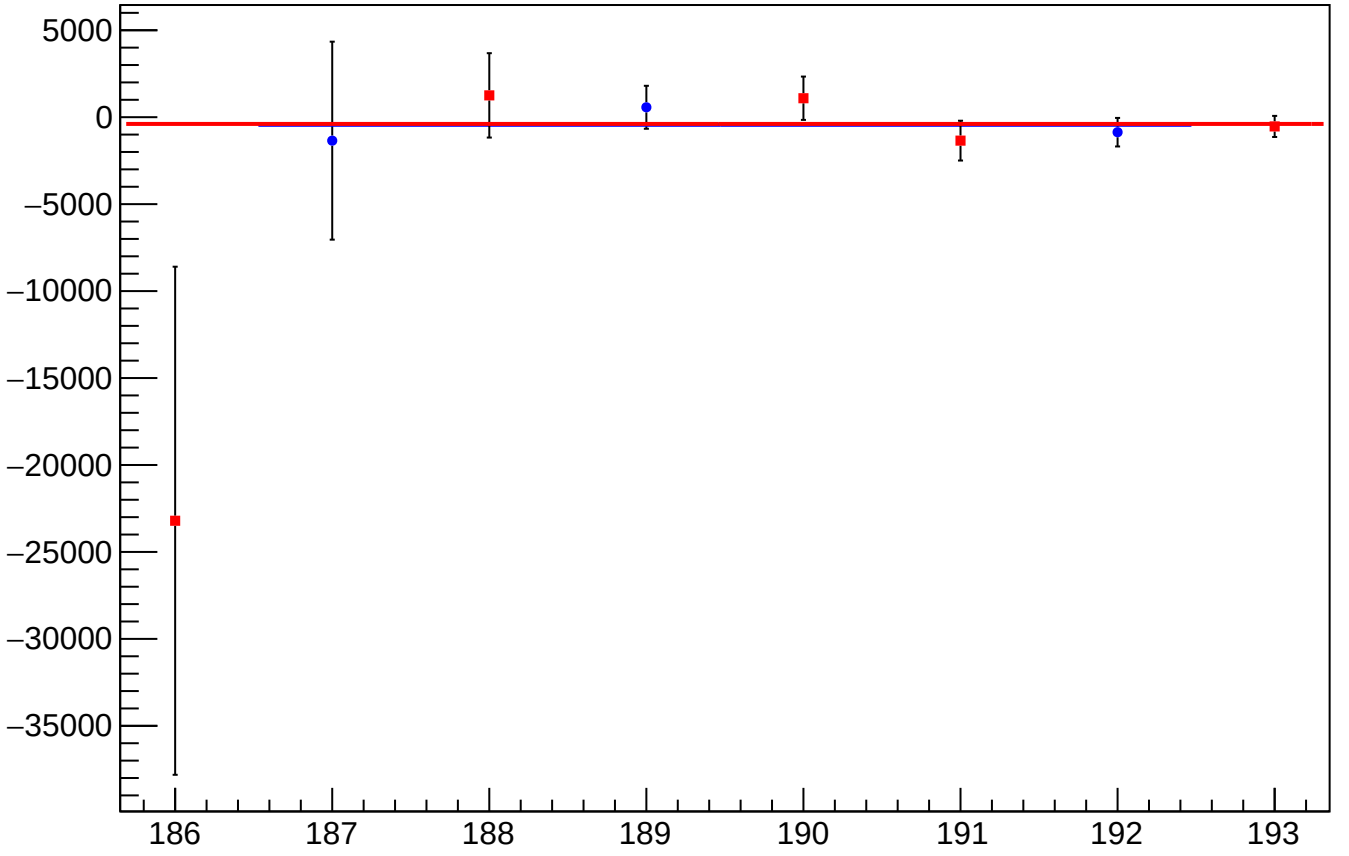
Right: 617.492+/-0.284 χ^2/NDF: 960024.6/7

In: 662.315+/-0.492 χ^2/NDF:207532.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 617.492+/-0.284 χ^2/NDF: 960024.6/7

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -436.986+/-678.834 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -387.496+/-482.163 χ^2/NDF: 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

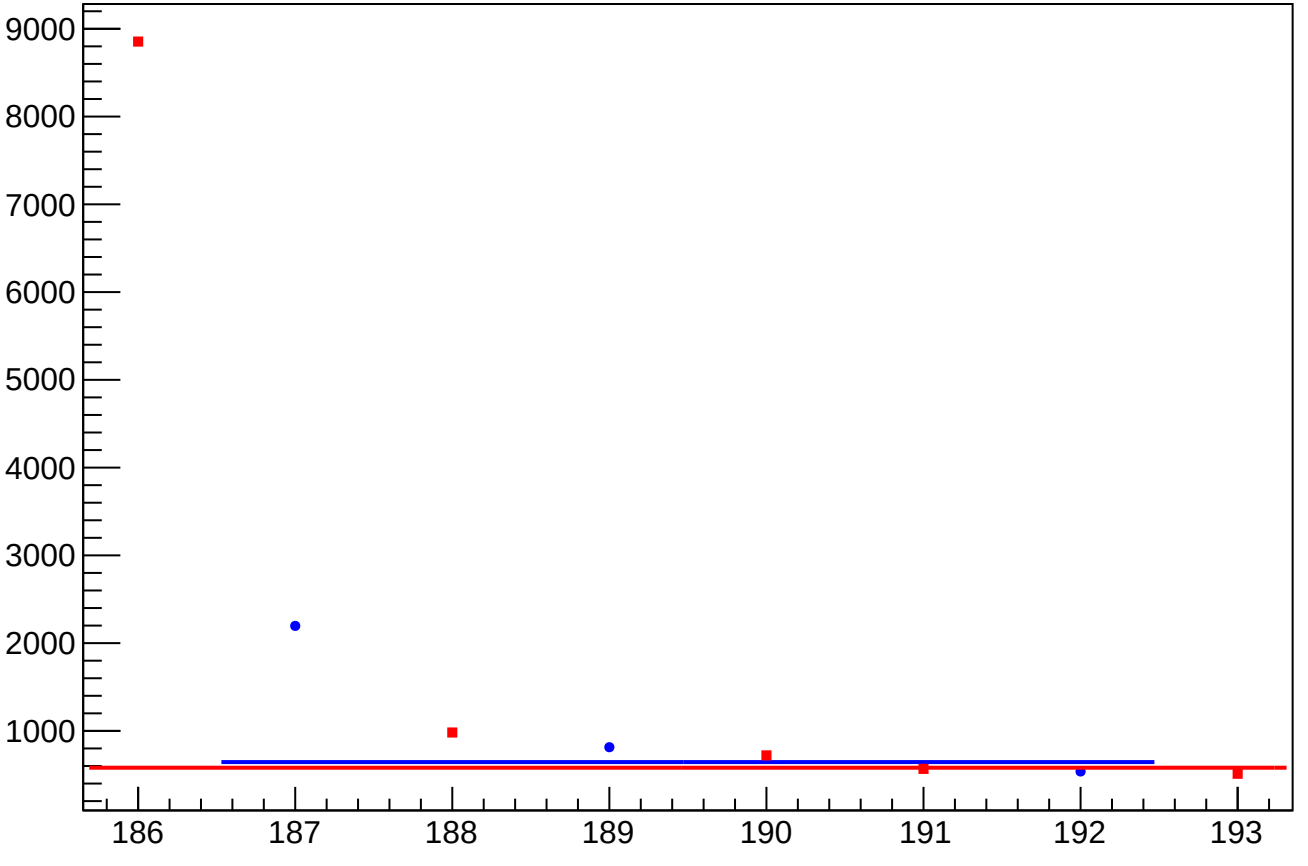
Right: -404.092+/-393.096 χ^2/NDF: 6.0/7

In: -436.986+/-678.834 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -404.092+/-393.096 χ^2/NDF: 6.0/7

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 644.696+/-0.480 χ^2/NDF: 220313.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 580.534+/-0.341 χ^2/NDF: 747788.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

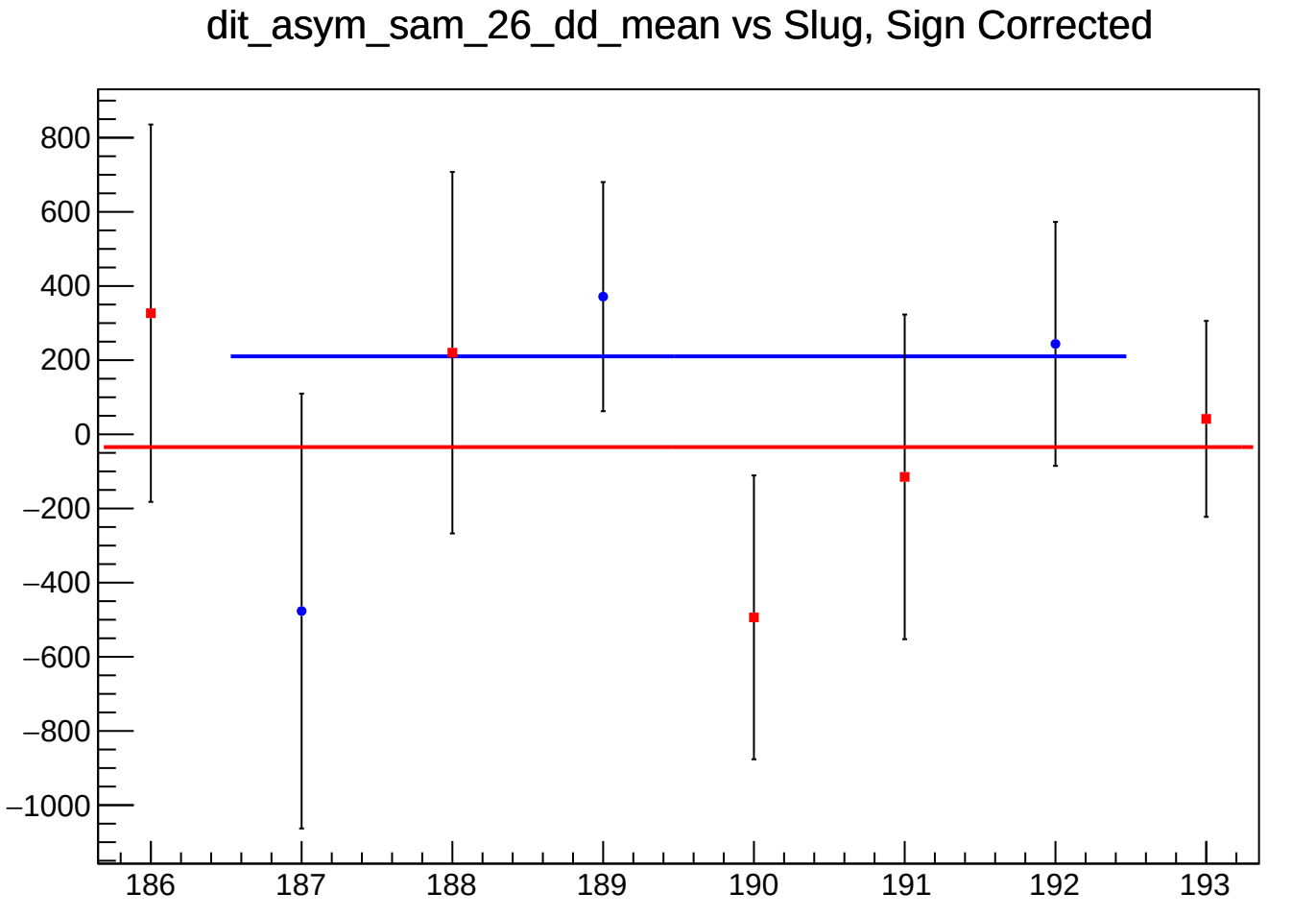
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

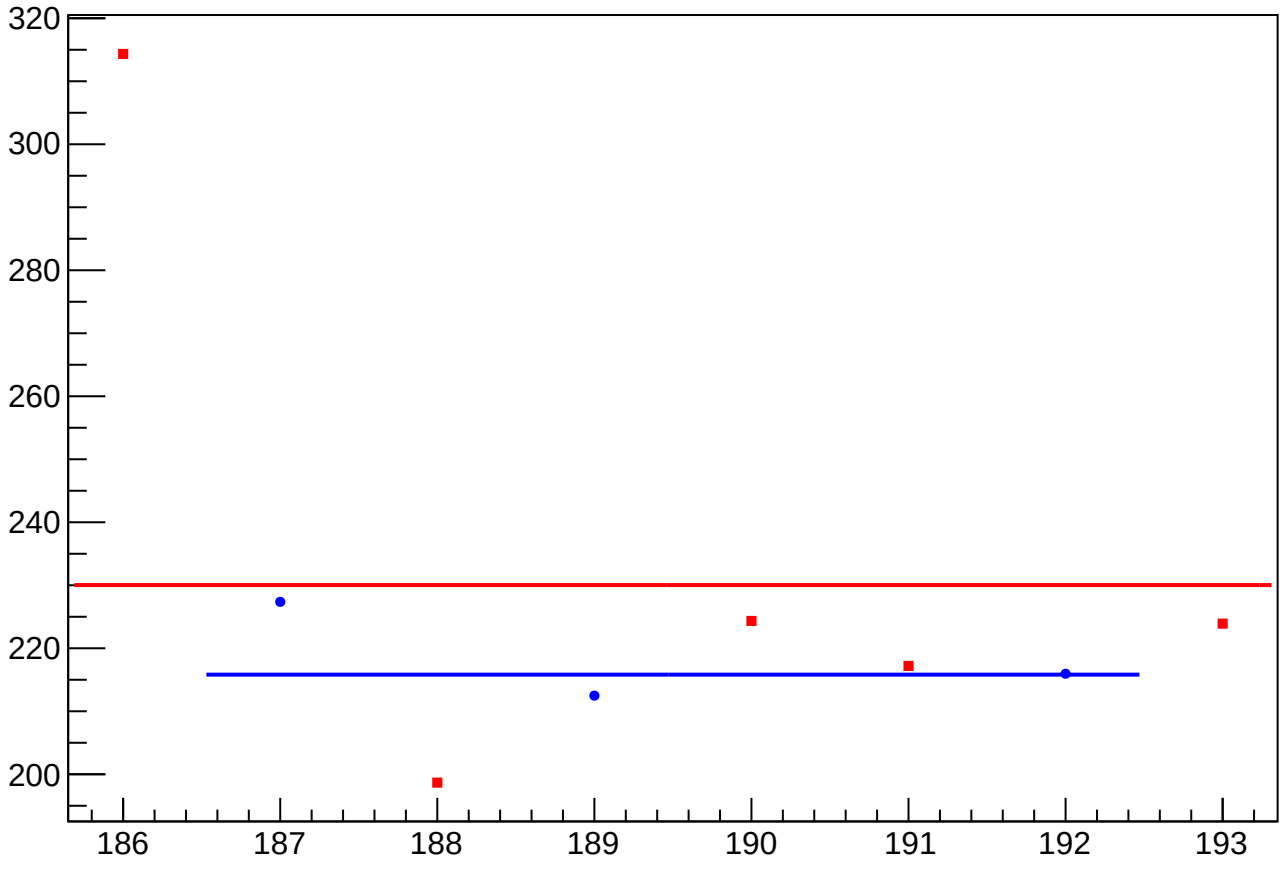
Right: 602.050+/-0.278 χ^2/NDF: 979978.1/7

In: 644.696+/-0.480 χ^2/NDF:220313.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 602.050+/-0.278 χ^2/NDF: 979978.1/7


dit_asym_sam_26_dd_mean vs Slug, Sign Corrected
800
600
400
200
0
−200
−400
−600
−800
−1000
186
187
188
189
190
191
192
193
Right In: 210.293+/-210.239 χ²/NDF: 1.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -34.367+/-170.411 χ²/NDF: 2.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 62.641+/-132.384 χ²/NDF: 4.8/7
In: 210.293+/-210.239 χ²/NDF:1.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 62.641+/-132.384 χ²/NDF: 4.8/7



Right In: 215.813+/-0.149 χ^2/NDF: 1008.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 230.032+/-0.120 χ^2/NDF: 66403.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

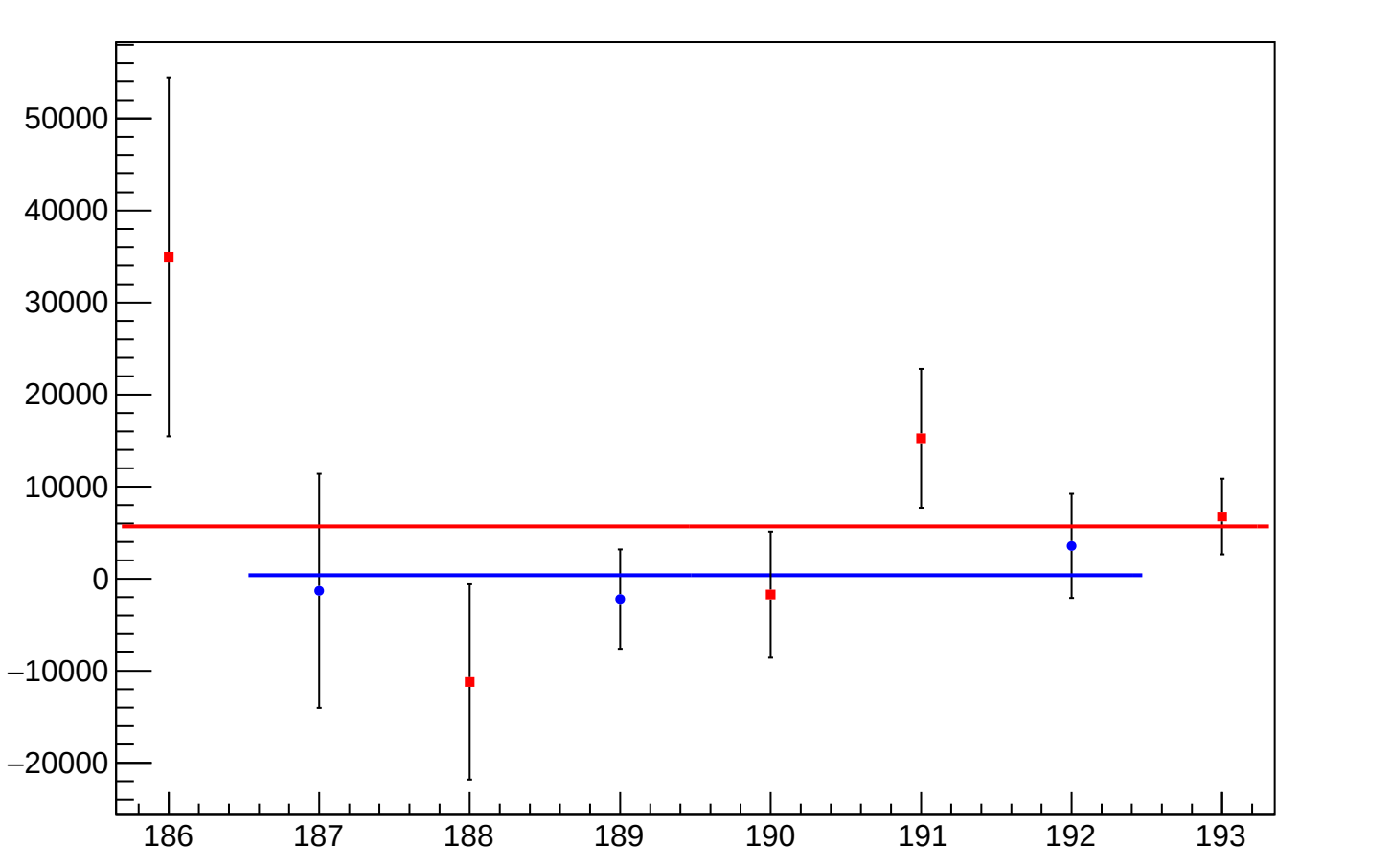
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 224.394+/-0.094 χ^2/NDF: 72932.7/7

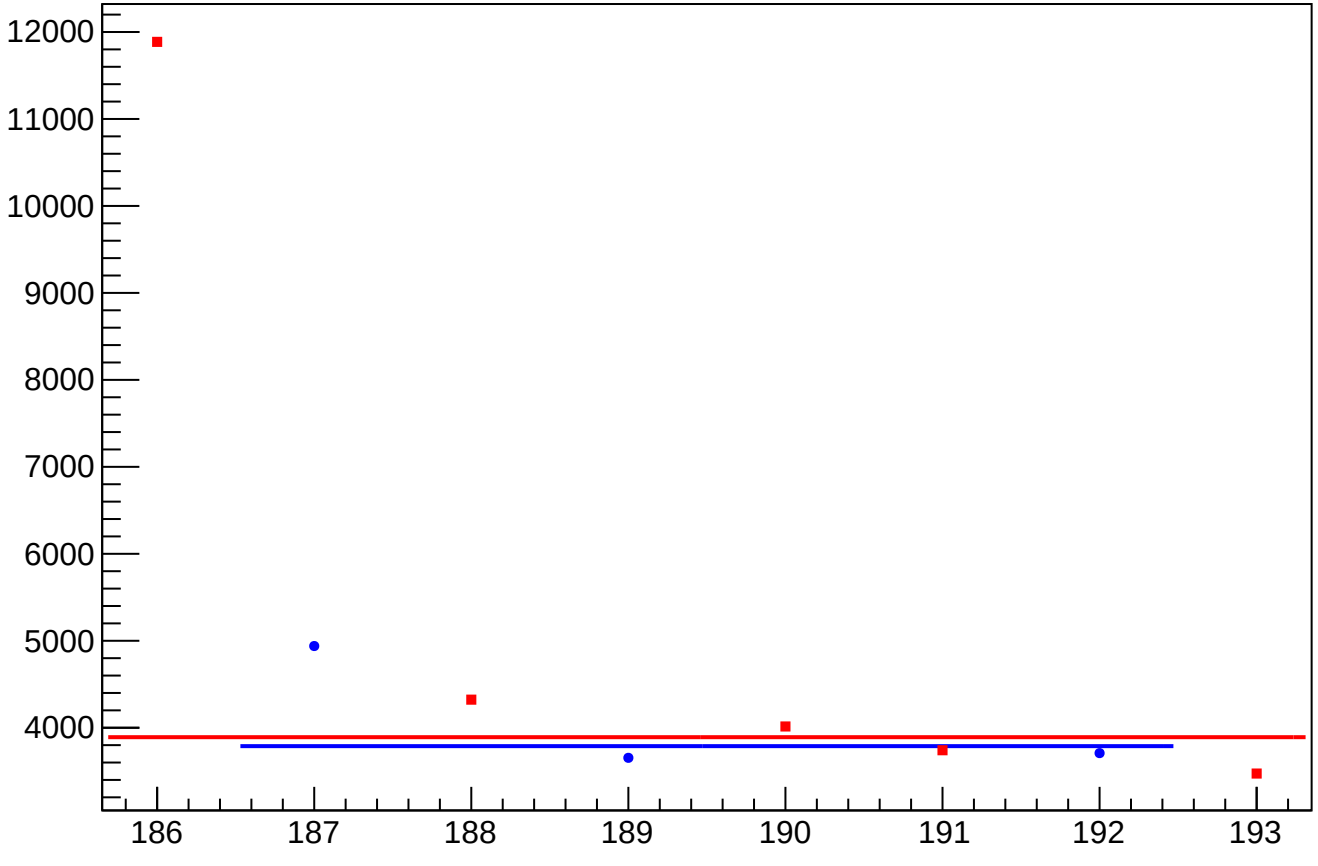
In: 215.813+/-0.149 χ^2/NDF:1008.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 224.394+/-0.094 χ^2/NDF: 72932.7/7


asym_sam_26_dd_correction_mean vs Slug, Sign Corrected
50000
40000
30000
20000
10000
0
−10000
−20000
186
187
188
189
190
191
192
193
Right In: 386.897+/-3731.910 χ²/NDF: 0.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 5693.178+/-3017.534 χ²/NDF: 7.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 3595.444+/-2346.450 χ²/NDF: 9.4/7
In: 386.897+/-3731.910 χ²/NDF:0.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 3595.444+/-2346.450 χ²/NDF: 9.4/7

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3788.516+/-2.639 χ^2/NDF: 18036.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3891.501+/-2.134 χ^2/NDF: 361691.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

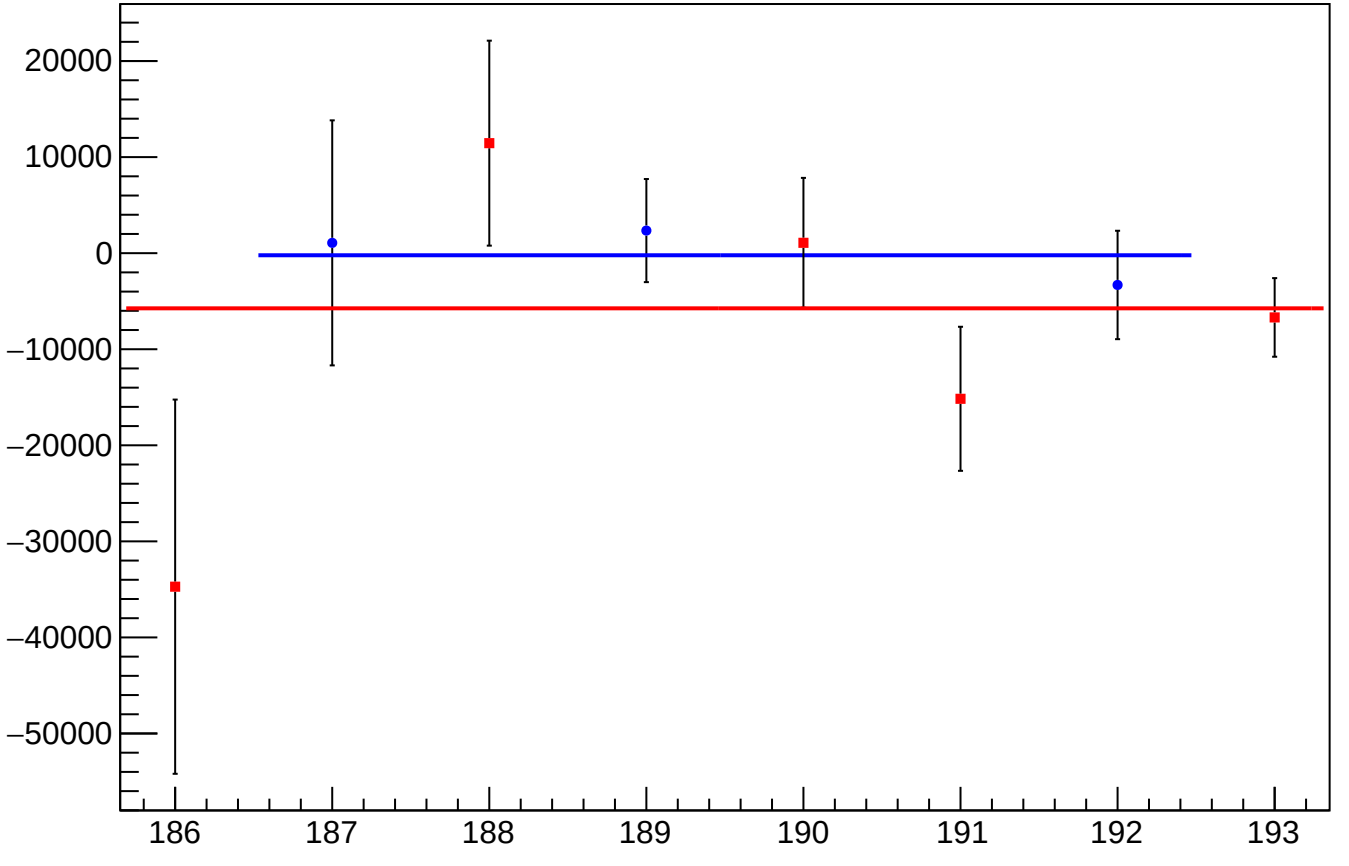
Right: 3850.788+/-1.659 χ^2/NDF: 380649.1/7

In: 3788.516+/-2.639 χ^2/NDF:18036.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3850.788+/-1.659 χ^2/NDF: 380649.1/7

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -217.377+/-3719.776 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5742.599+/-3003.969 χ^2/NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

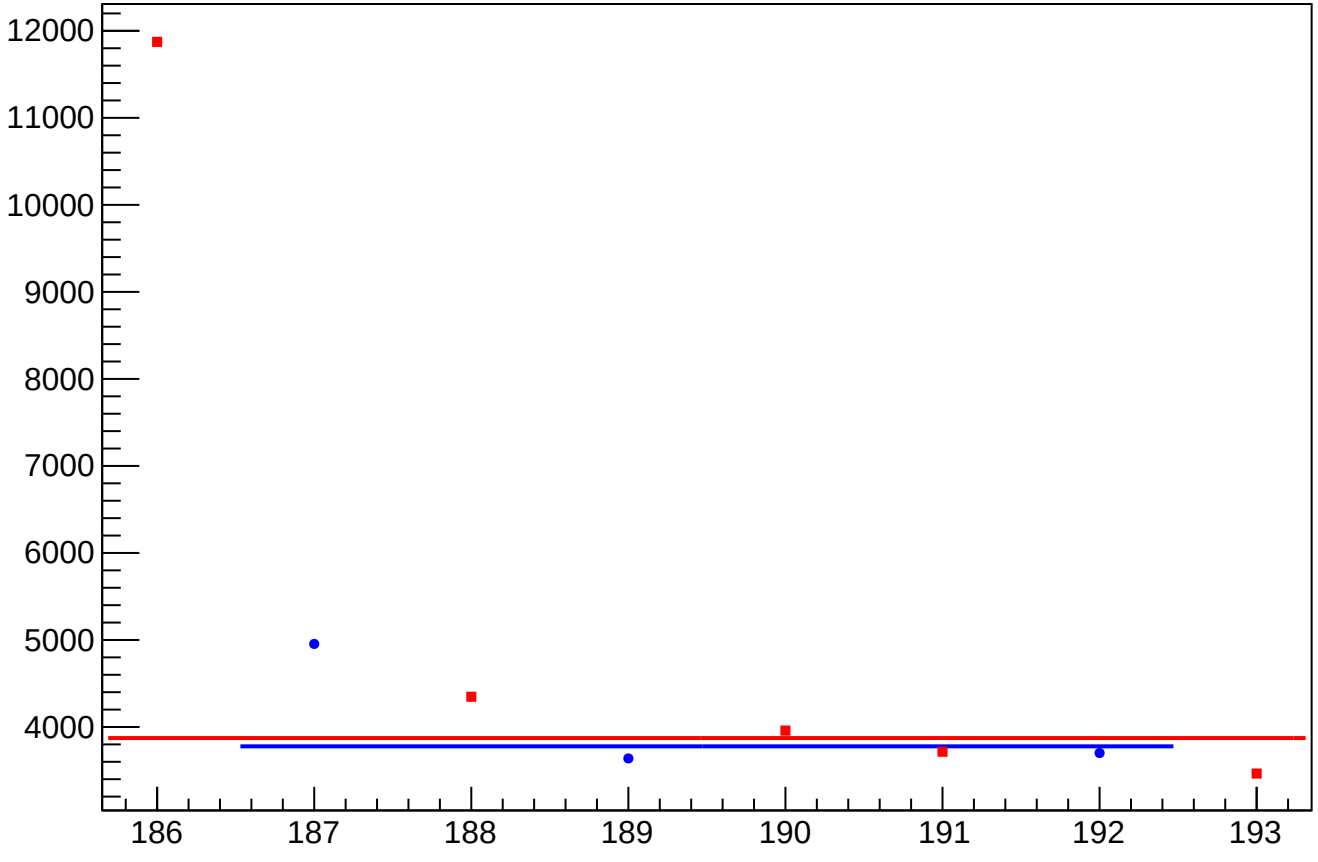
Right: -3561.610+/-2337.054 χ^2/NDF: 9.3/7

In: -217.377+/-3719.776 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3561.610+/-2337.054 χ^2/NDF: 9.3/7

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3777.714+/-2.630 χ^2/NDF: 18742.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3872.877+/-2.124 χ^2/NDF: 362432.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

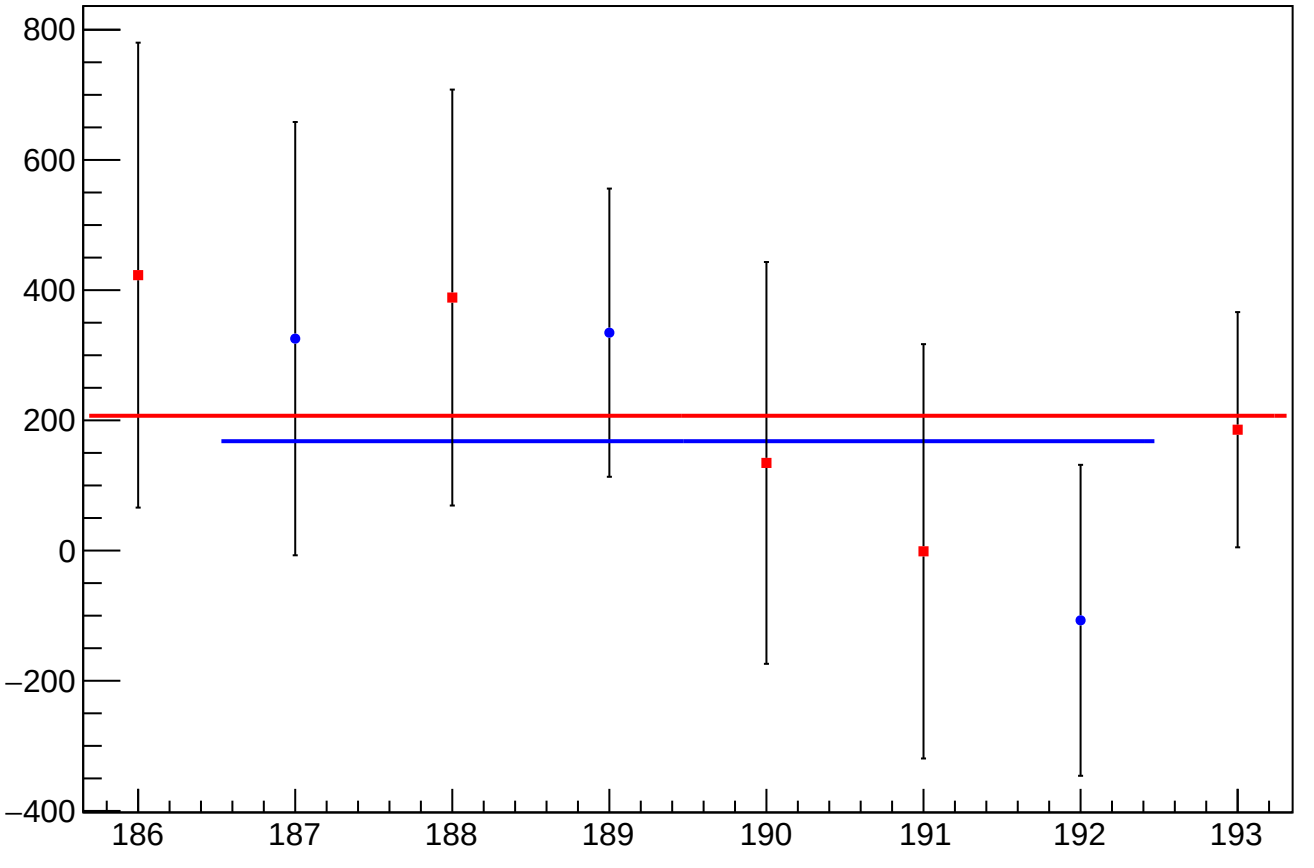
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3835.313+/-1.653 χ^2/NDF: 381967.6/7

In: 3777.714+/-2.630 χ^2/NDF:18742.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3835.313+/-1.653 χ^2/NDF: 381967.6/7



Right In: 167.999+/-145.908 χ^2/NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 207.061+/-120.687 χ^2/NDF: 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

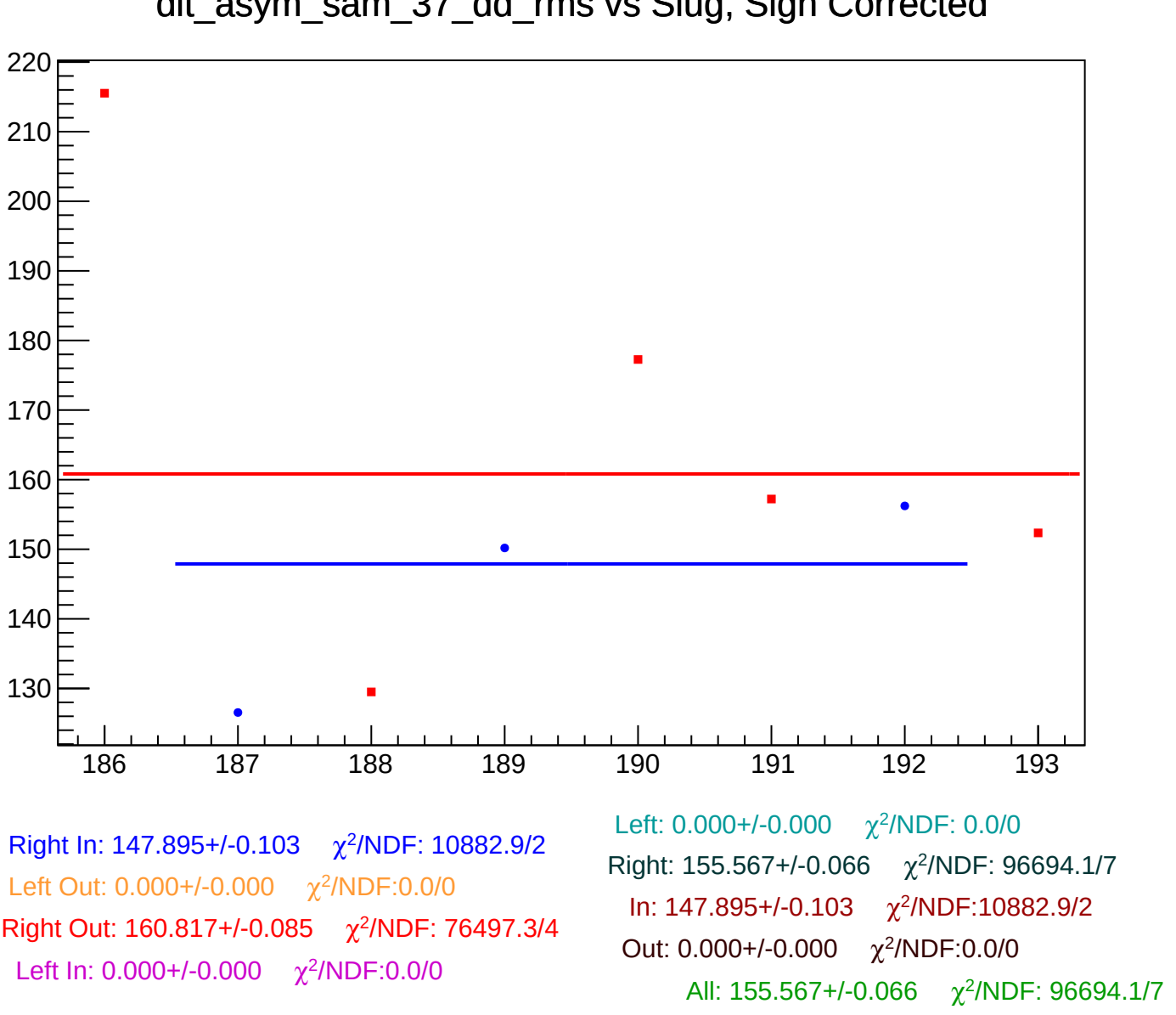
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

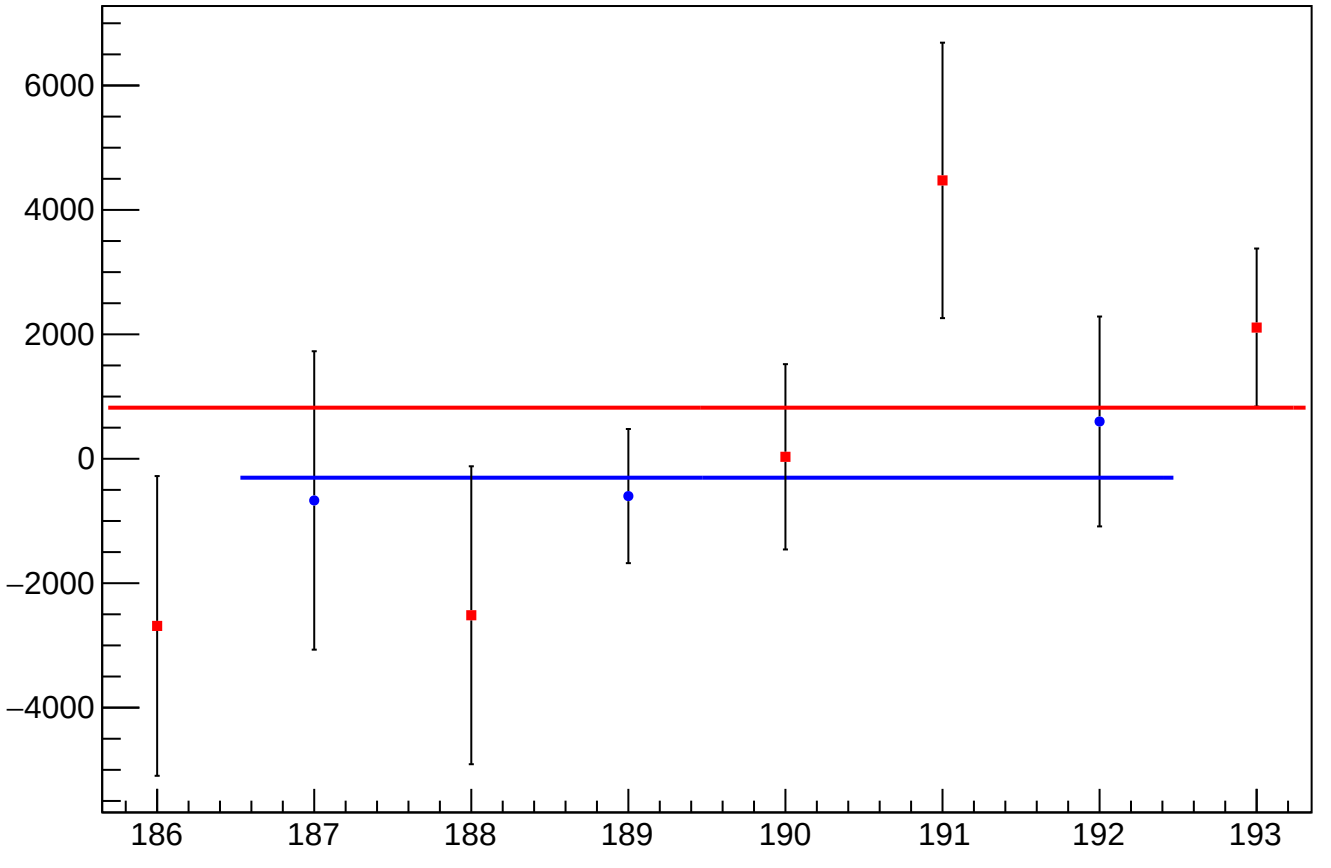
Right: 191.193+/-92.997 χ^2/NDF: 3.3/7

In: 167.999+/-145.908 χ^2/NDF:2.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 191.193+/-92.997 χ^2/NDF: 3.3/7


dit_asym_sam_37_dd_rms vs Slug, Sign Corrected
220
210
200
190
180
170
160
150
140
130
186
187
188
189
190
191
192
193
Right In: 147.895+/-0.103 χ²/NDF: 10882.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 160.817+/-0.085 χ²/NDF: 76497.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 155.567+/-0.066 χ²/NDF: 96694.1/7
In: 147.895+/-0.103 χ²/NDF:10882.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 155.567+/-0.066 χ²/NDF: 96694.1/7



Right In: -304.154+/-849.557 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 821.387+/-785.437 χ^2/NDF: 8.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

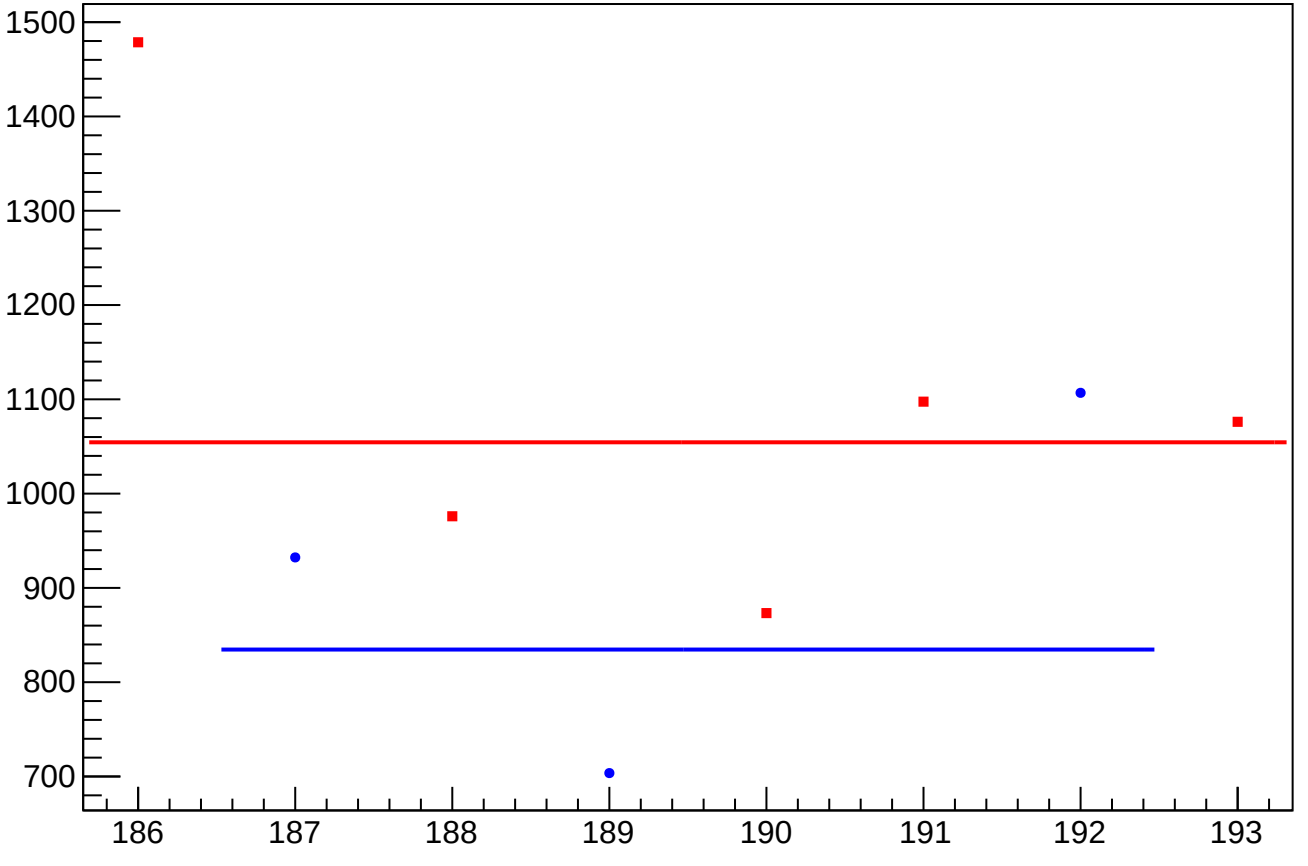
Right: 302.689+/-576.725 χ^2/NDF: 9.4/7

In: -304.154+/-849.557 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 302.689+/-576.725 χ^2/NDF: 9.4/7

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 834.624+/-0.601 χ^2/NDF: 84959.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1054.422+/-0.555 χ^2/NDF: 95111.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

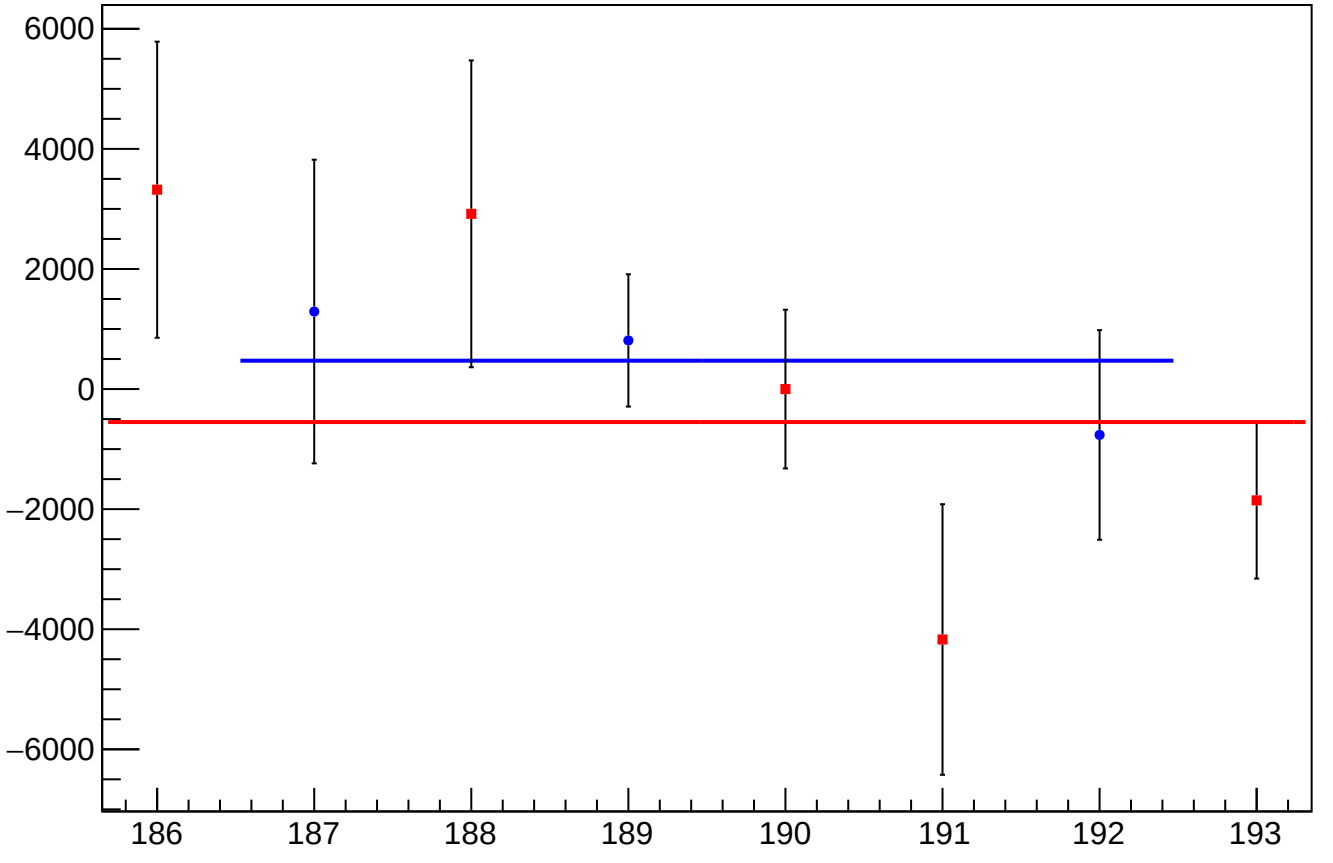
Right: 953.130+/-0.408 χ^2/NDF: 252250.1/7

In: 834.624+/-0.601 χ^2/NDF:84959.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 953.130+/-0.408 χ^2/NDF: 252250.1/7

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 472.355+/-874.333 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -549.568+/-772.266 χ^2/NDF: 8.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

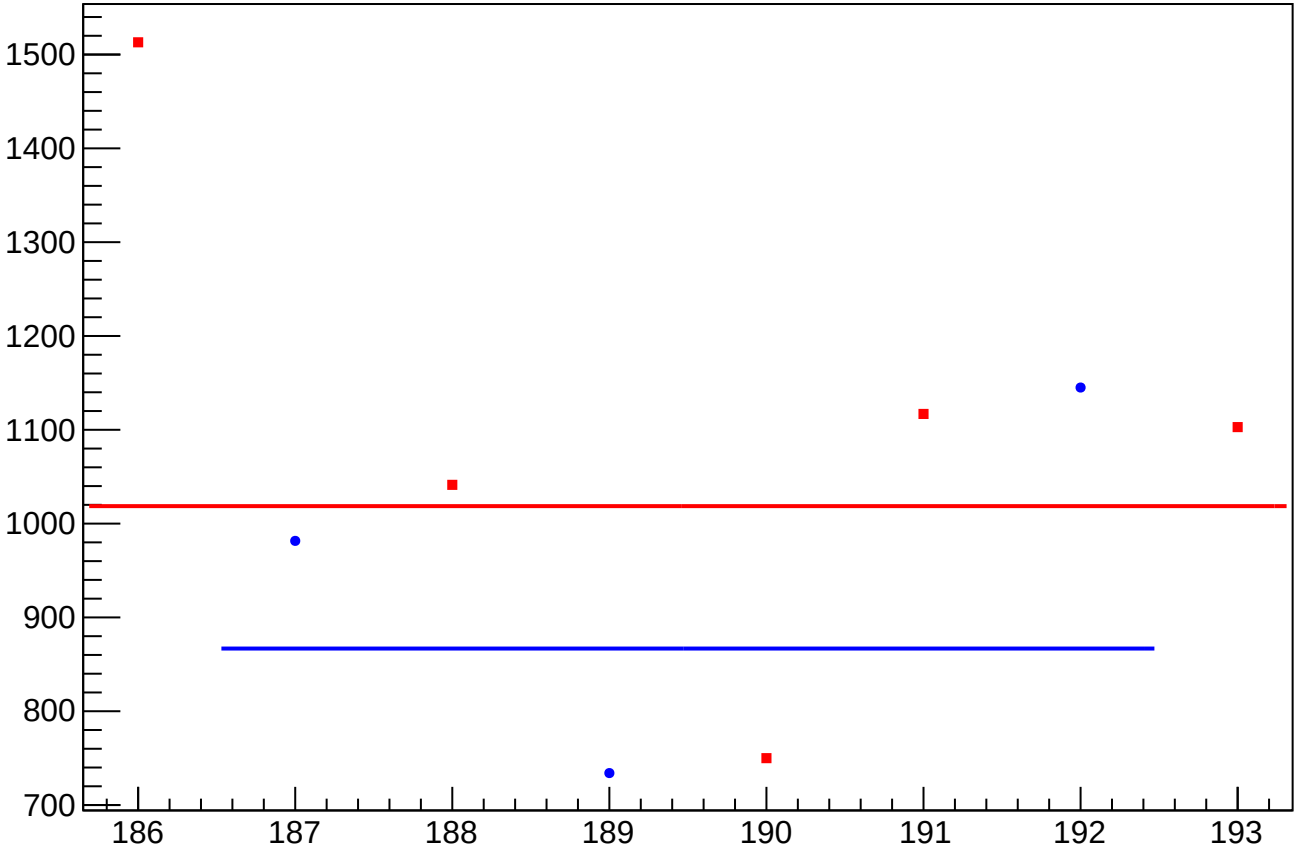
Right: -101.709+/-578.813 χ^2/NDF: 9.5/7

In: 472.355+/-874.333 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -101.709+/-578.813 χ^2/NDF: 9.5/7

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 866.821+/-0.618 χ^2/NDF: 83962.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1018.629+/-0.546 χ^2/NDF: 175400.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

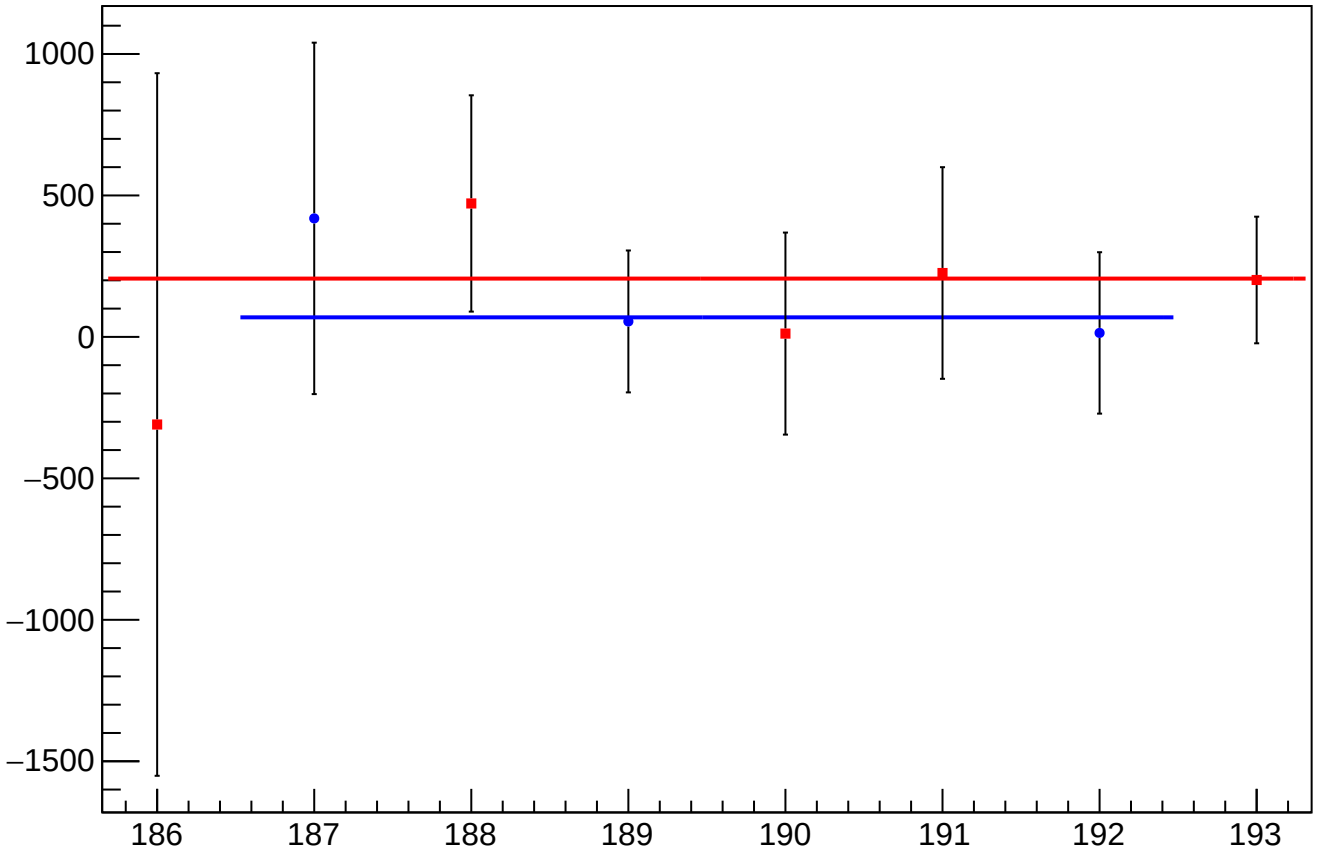
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 952.099+/-0.409 χ^2/NDF: 293233.3/7

In: 866.821+/-0.618 χ^2/NDF:83962.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 952.099+/-0.409 χ^2/NDF: 293233.3/7



Right In: 69.120+/-180.252 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 206.117+/-153.487 χ^2/NDF: 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

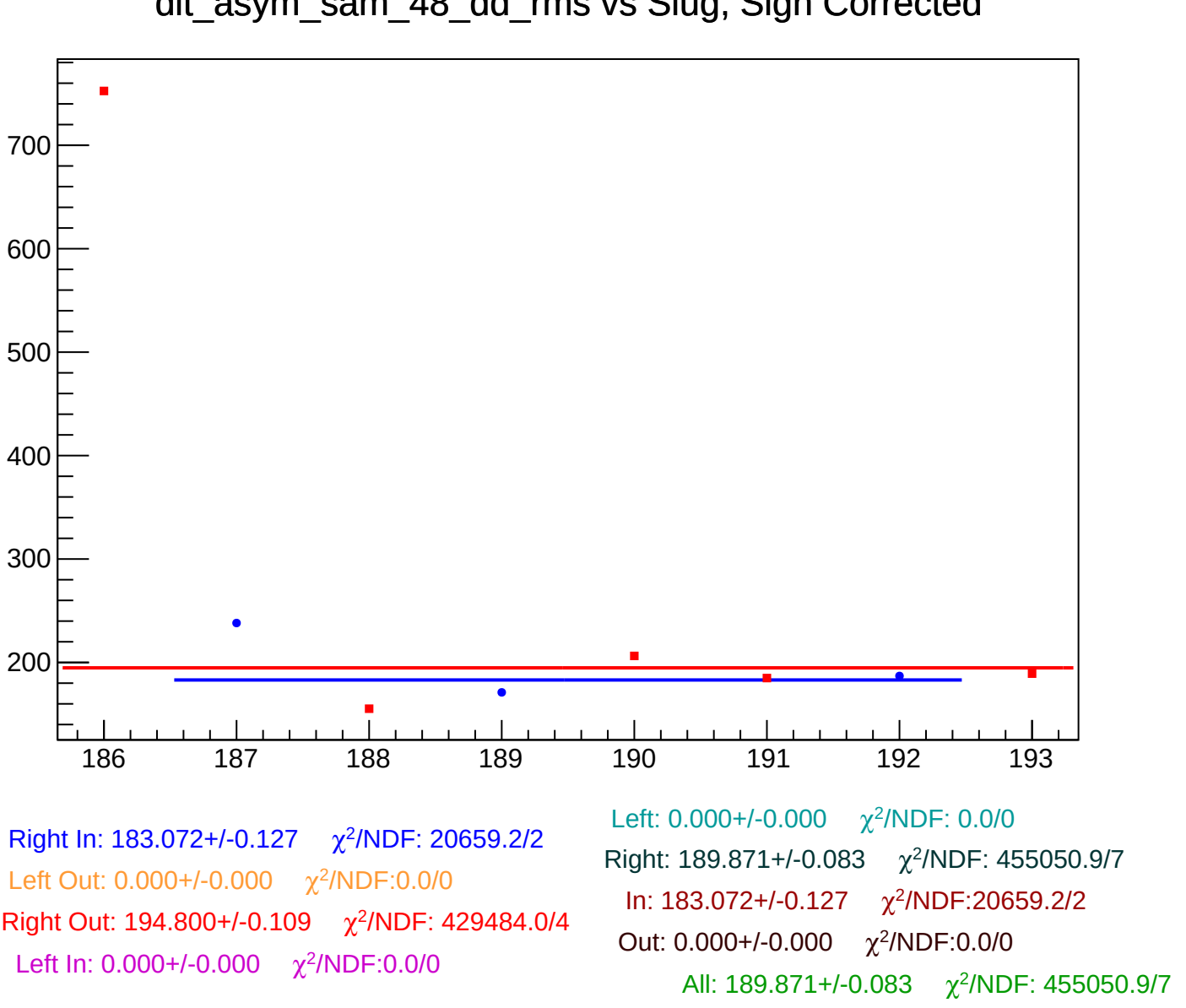
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

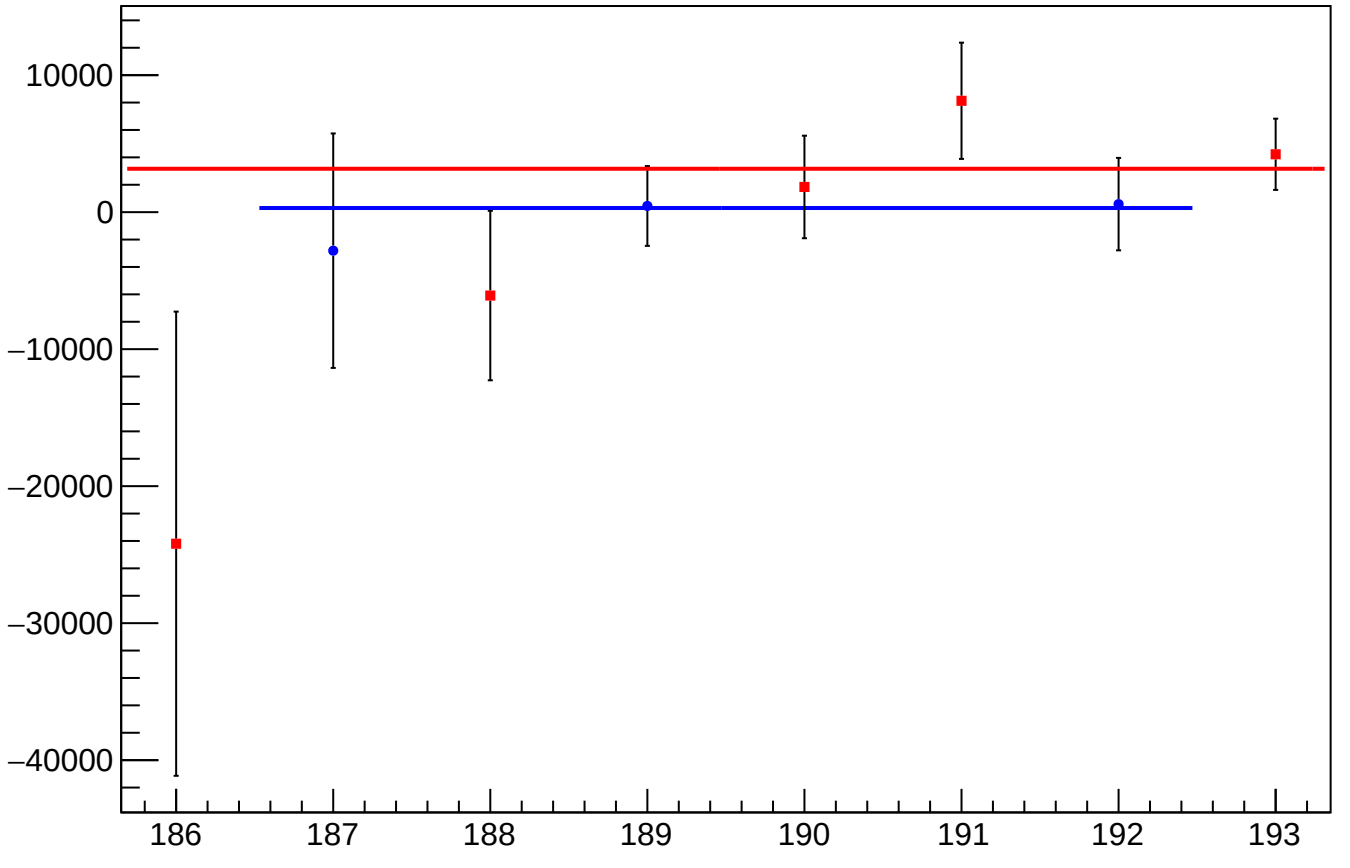
Right: 148.535+/-116.861 χ^2/NDF: 1.6/7

In: 69.120+/-180.252 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 148.535+/-116.861 χ^2/NDF: 1.6/7


dit_asym_sam_48_dd_rms vs Slug, Sign Corrected
700
600
500
400
300
200
186
187
188
189
190
191
192
193
Right In: 183.072+/-0.127 χ²/NDF: 20659.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 194.800+/-0.109 χ²/NDF: 429484.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 189.871+/-0.083 χ²/NDF: 455050.9/7
In: 183.072+/-0.127 χ²/NDF:20659.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 189.871+/-0.083 χ²/NDF: 455050.9/7



Right In: 302.971+/-2135.030 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3167.617+/-1811.886 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

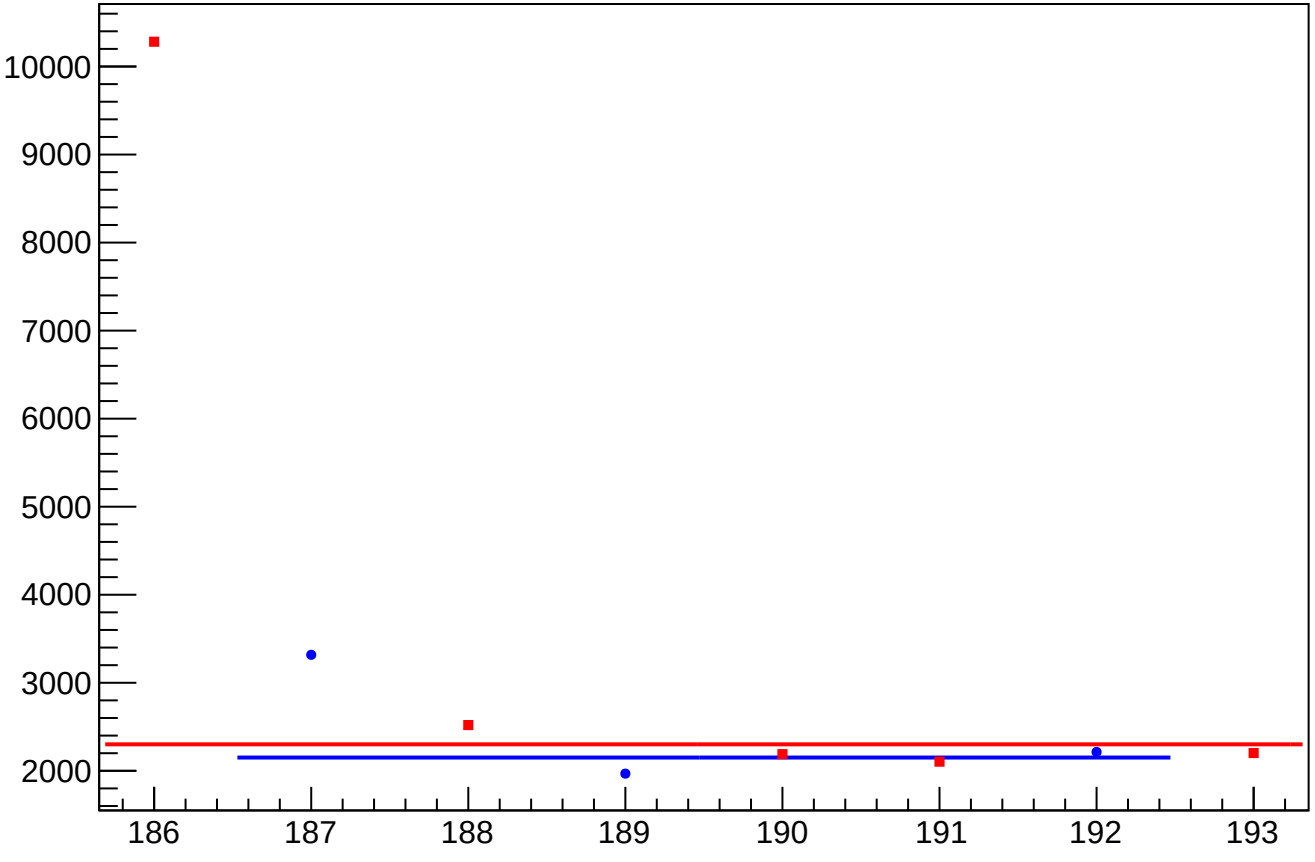
Right: 1968.269+/-1381.469 χ^2/NDF: 7.7/7

In: 302.971+/-2135.030 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1968.269+/-1381.469 χ^2/NDF: 7.7/7

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2150.729+/-1.510 χ^2/NDF: 45743.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2300.732+/-1.281 χ^2/NDF: 455327.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

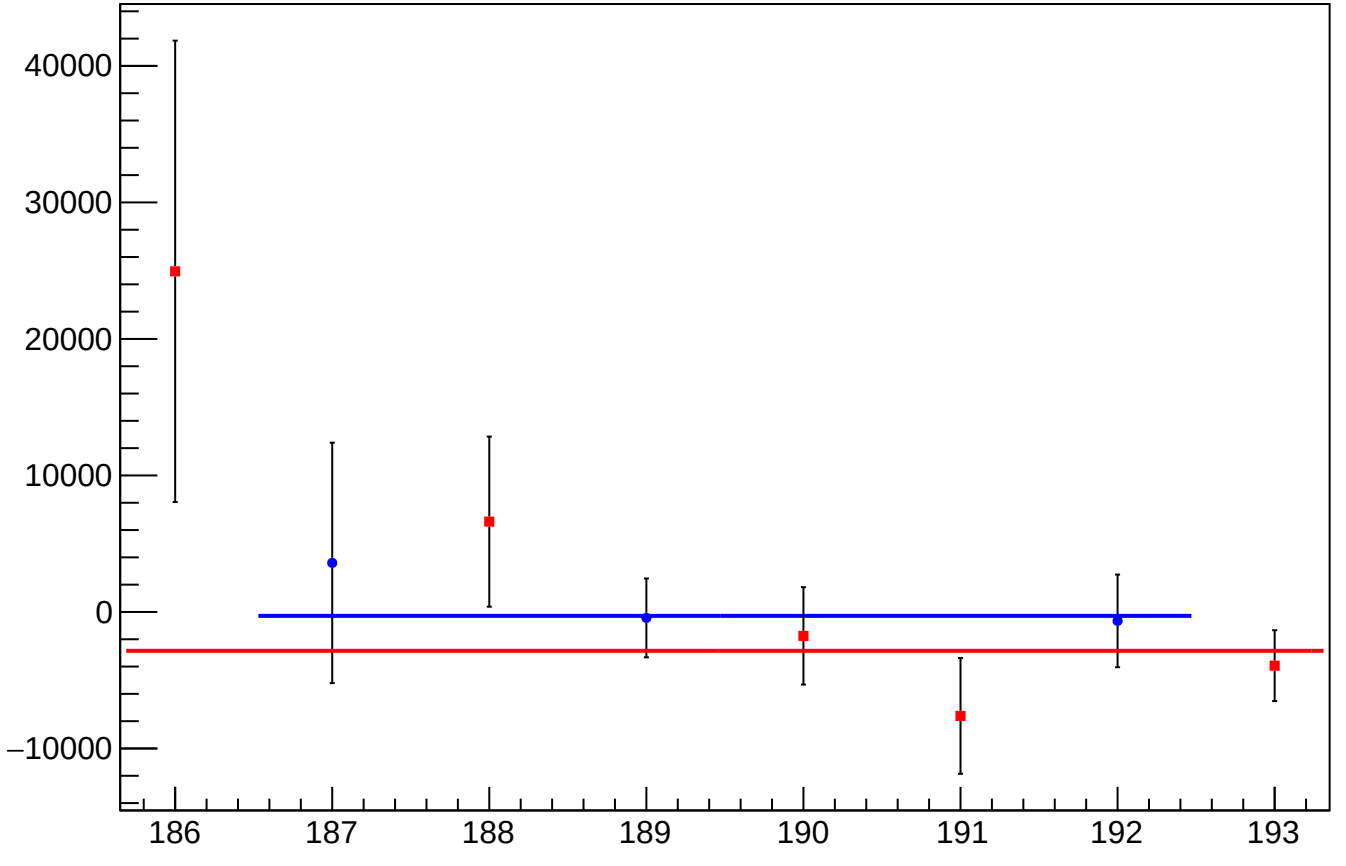
Right: 2237.930+/-0.977 χ^2/NDF: 506810.2/7

In: 2150.729+/-1.510 χ^2/NDF:45743.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2237.930+/-0.977 χ^2/NDF: 506810.2/7

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -285.813+/-2133.654 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2844.859+/-1790.904 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

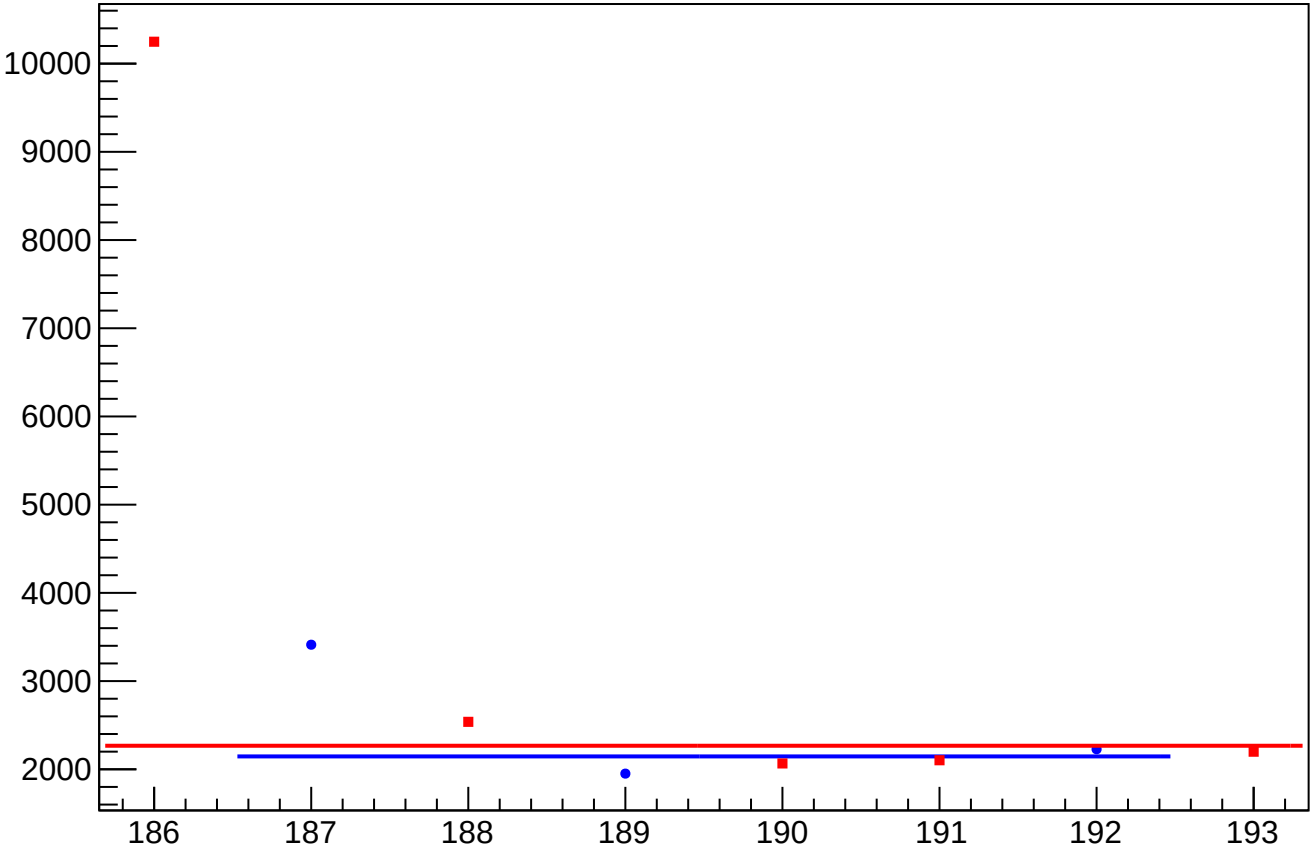
Right: -1787.138+/-1371.736 χ^2/NDF: 7.6/7

In: -285.813+/-2133.654 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1787.138+/-1371.736 χ^2/NDF: 7.6/7

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2146.001+/-1.509 χ^2/NDF: 51609.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2266.918+/-1.266 χ^2/NDF: 460666.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

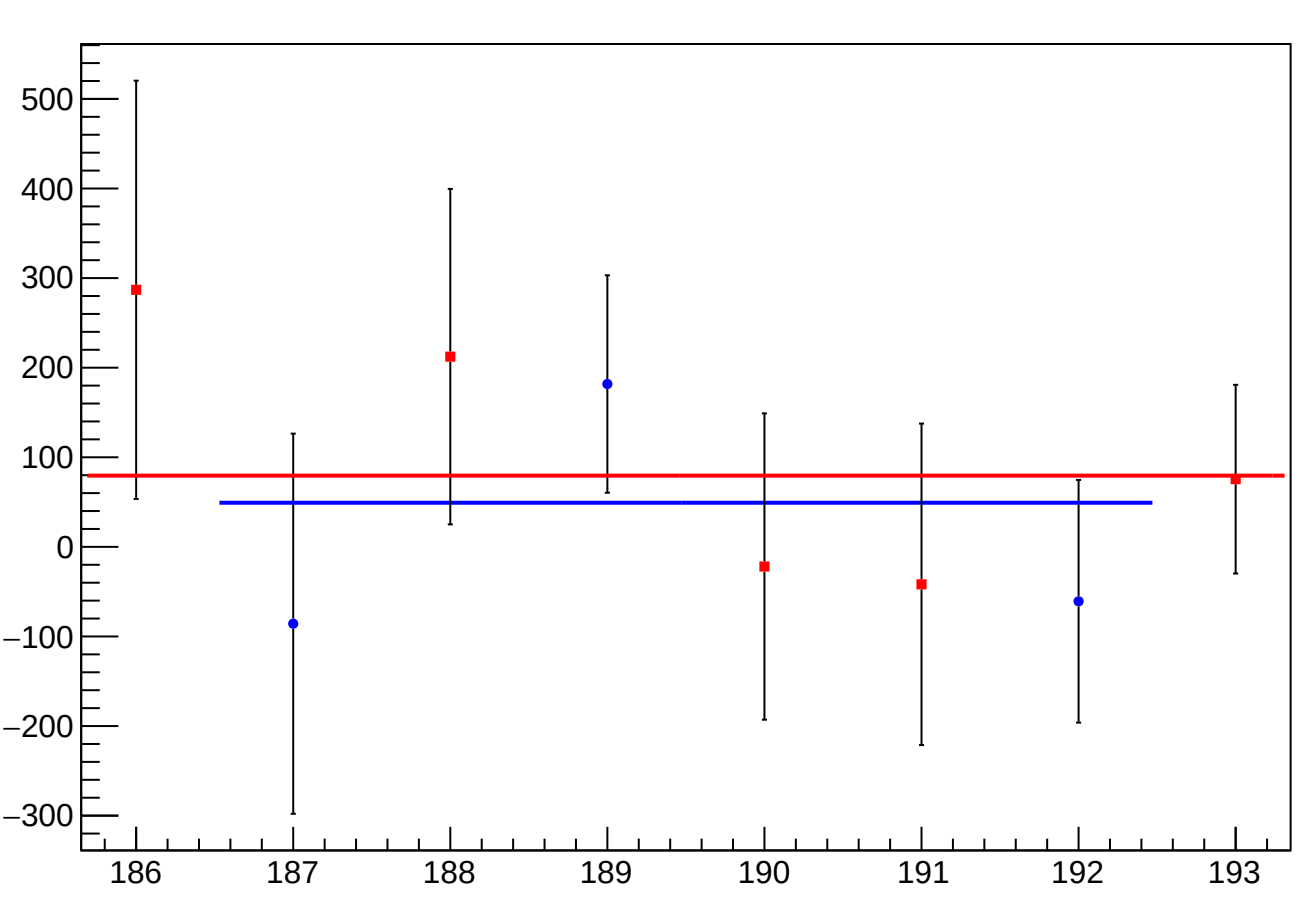
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2216.940+/-0.970 χ^2/NDF: 516043.5/7

In: 2146.001+/-1.509 χ^2/NDF:51609.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2216.940+/-0.970 χ^2/NDF: 516043.5/7



Right In: 49.264+/-83.157 χ^2/NDF: 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 79.512+/-70.302 χ^2/NDF: 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

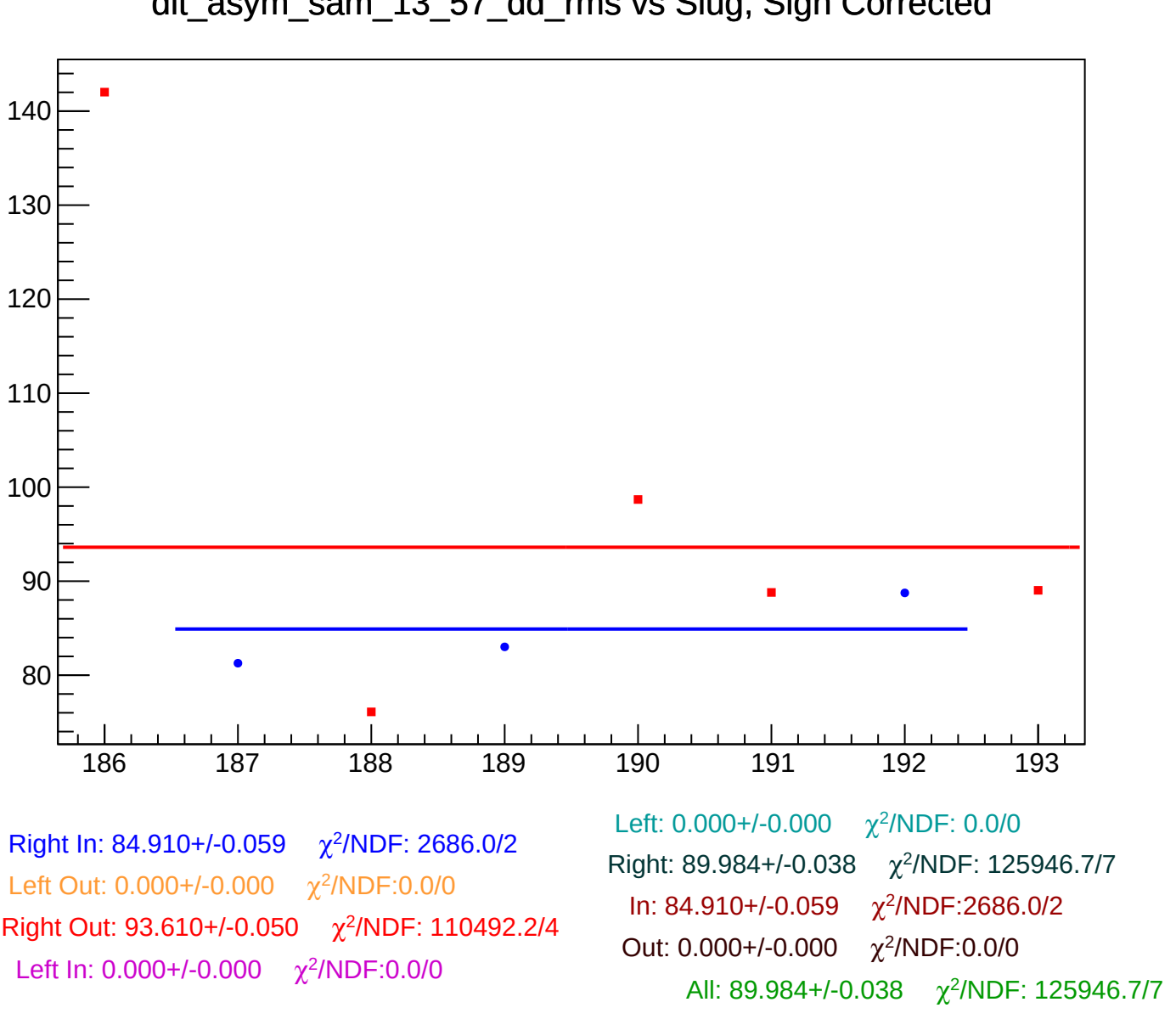
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 66.904+/-53.687 χ^2/NDF: 4.4/7

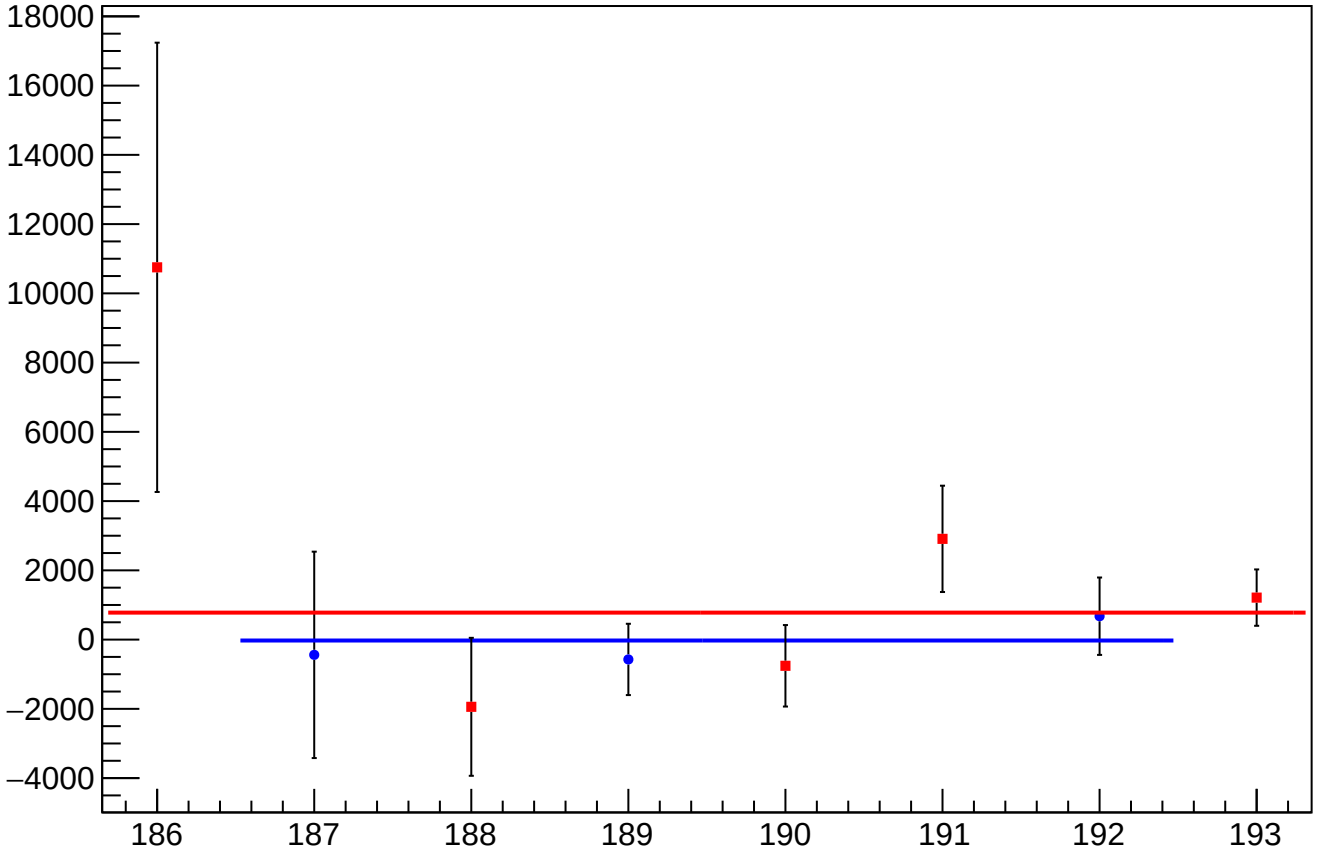
In: 49.264+/-83.157 χ^2/NDF:2.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 66.904+/-53.687 χ^2/NDF: 4.4/7


dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected
140
130
120
110
100
90
80
186
187
188
189
190
191
192
193
Right In: 84.910+/-0.059 χ²/NDF: 2686.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 93.610+/-0.050 χ²/NDF: 110492.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 89.984+/-0.038 χ²/NDF: 125946.7/7
In: 84.910+/-0.059 χ²/NDF:2686.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 89.984+/-0.038 χ²/NDF: 125946.7/7

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -26.291+/-733.935 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 779.258+/-584.082 χ^2/NDF: 8.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

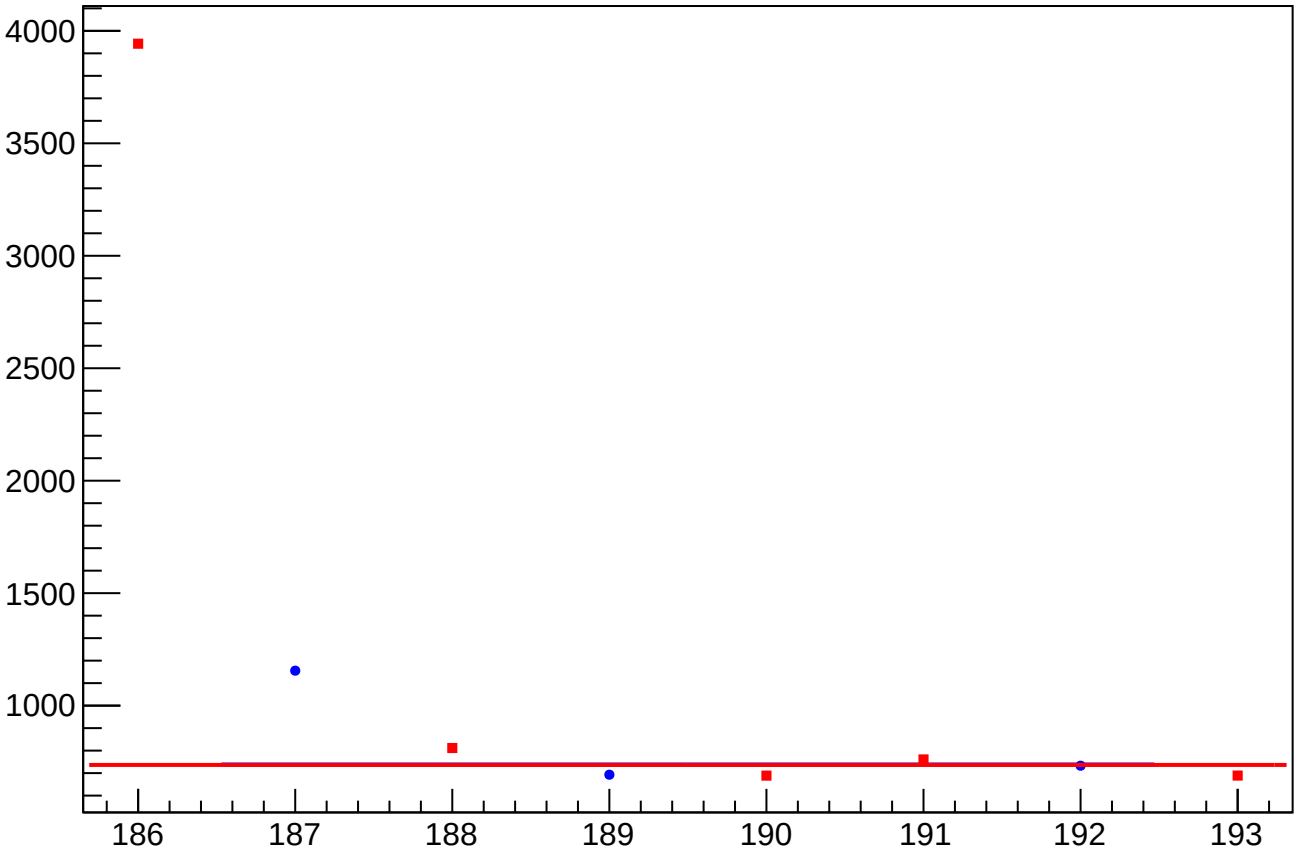
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 466.903+/-457.021 χ^2/NDF: 9.6/7

In: -26.291+/-733.935 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 466.903+/-457.021 χ^2/NDF: 9.6/7



Right In: 738.199+/-0.519 χ^2/NDF: 43099.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 736.285+/-0.413 χ^2/NDF: 501838.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

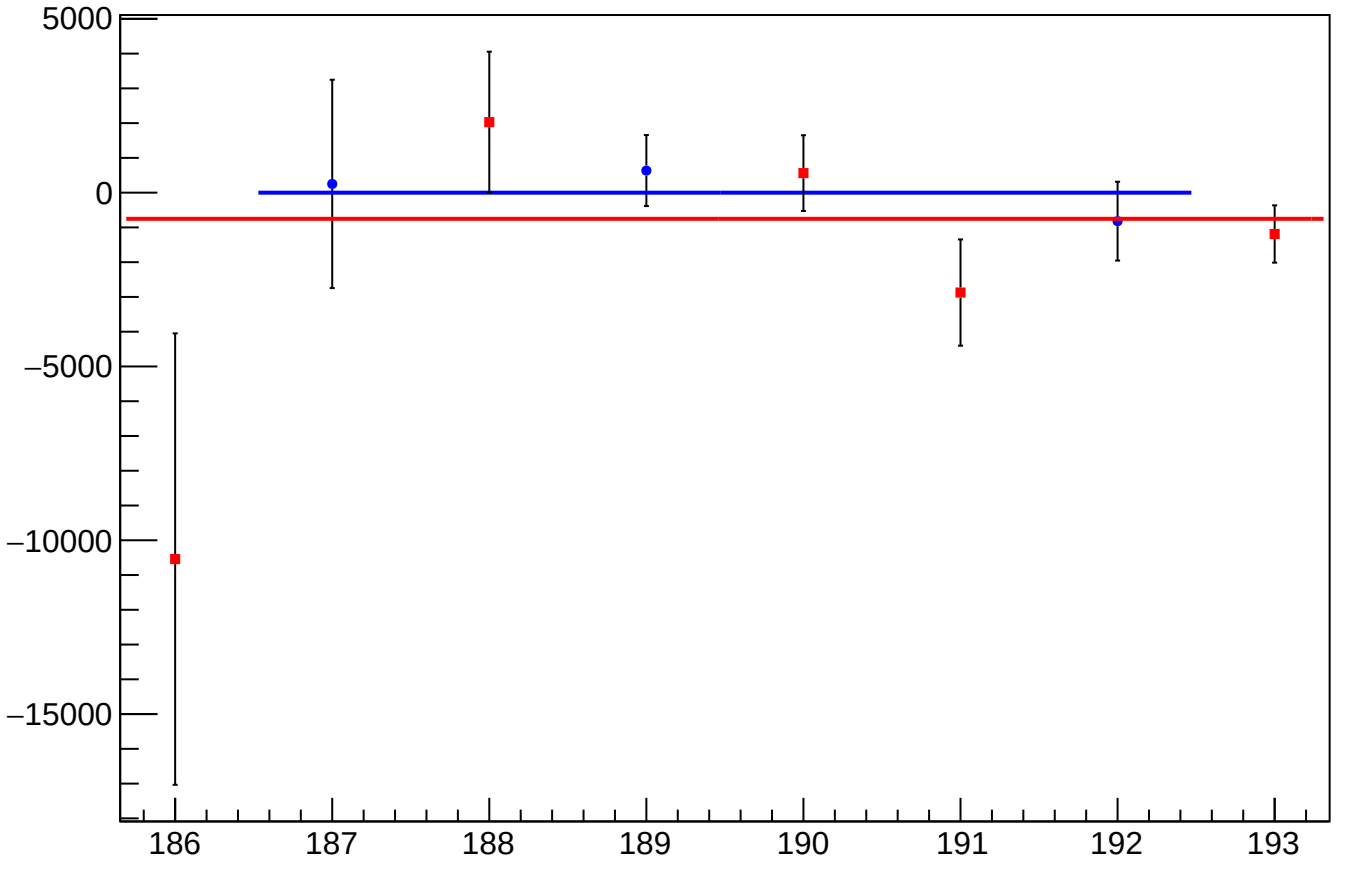
Right: 737.027+/-0.323 χ^2/NDF: 544945.8/7

In: 738.199+/-0.519 χ^2/NDF:43099.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 737.027+/-0.323 χ^2/NDF: 544945.8/7

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -0.564+/-735.709 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -752.270+/-576.578 χ^2/NDF: 7.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

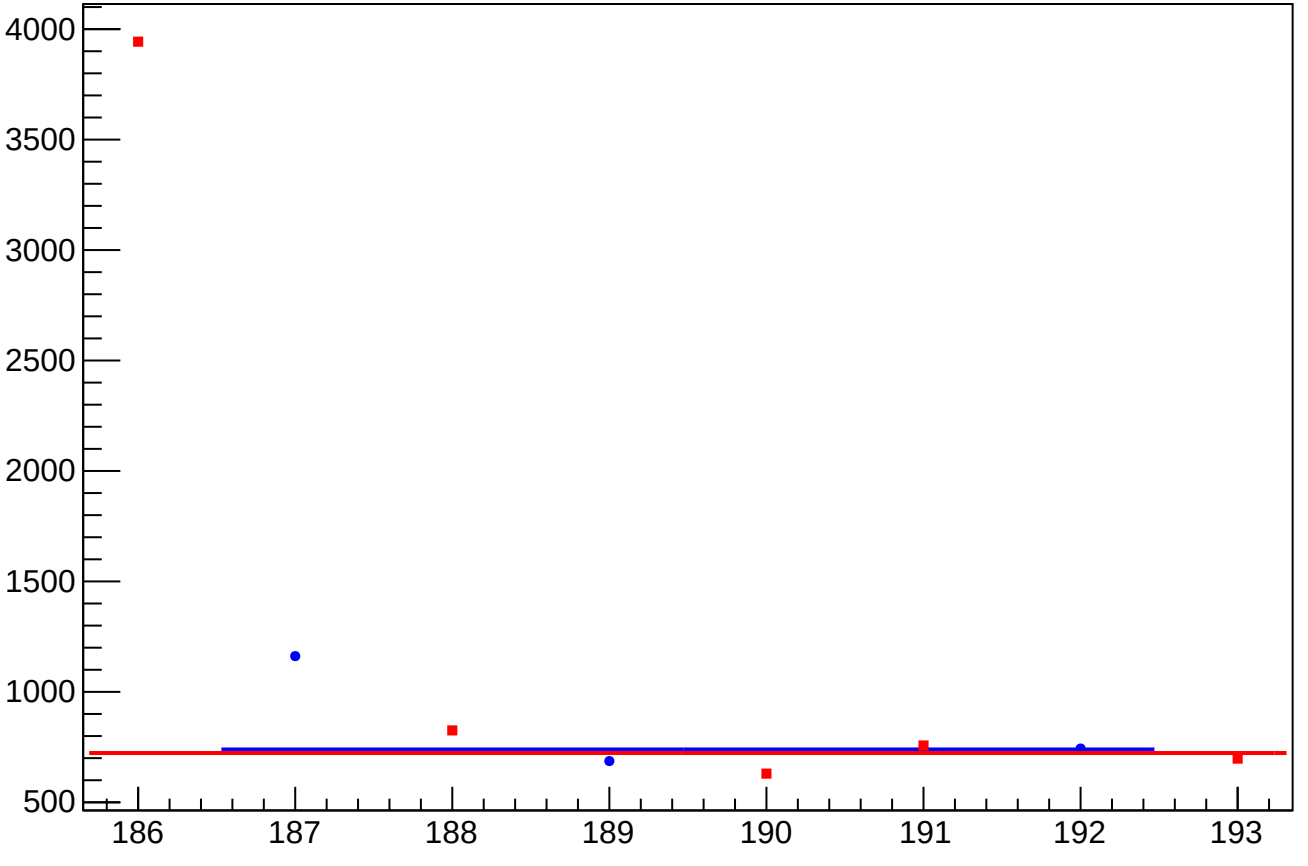
Right: -466.249+/-453.817 χ^2/NDF: 9.4/7

In: -0.564+/-735.709 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -466.249+/-453.817 χ^2/NDF: 9.4/7

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 739.309+/-0.520 χ^2/NDF: 45045.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 723.241+/-0.408 χ^2/NDF: 514494.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

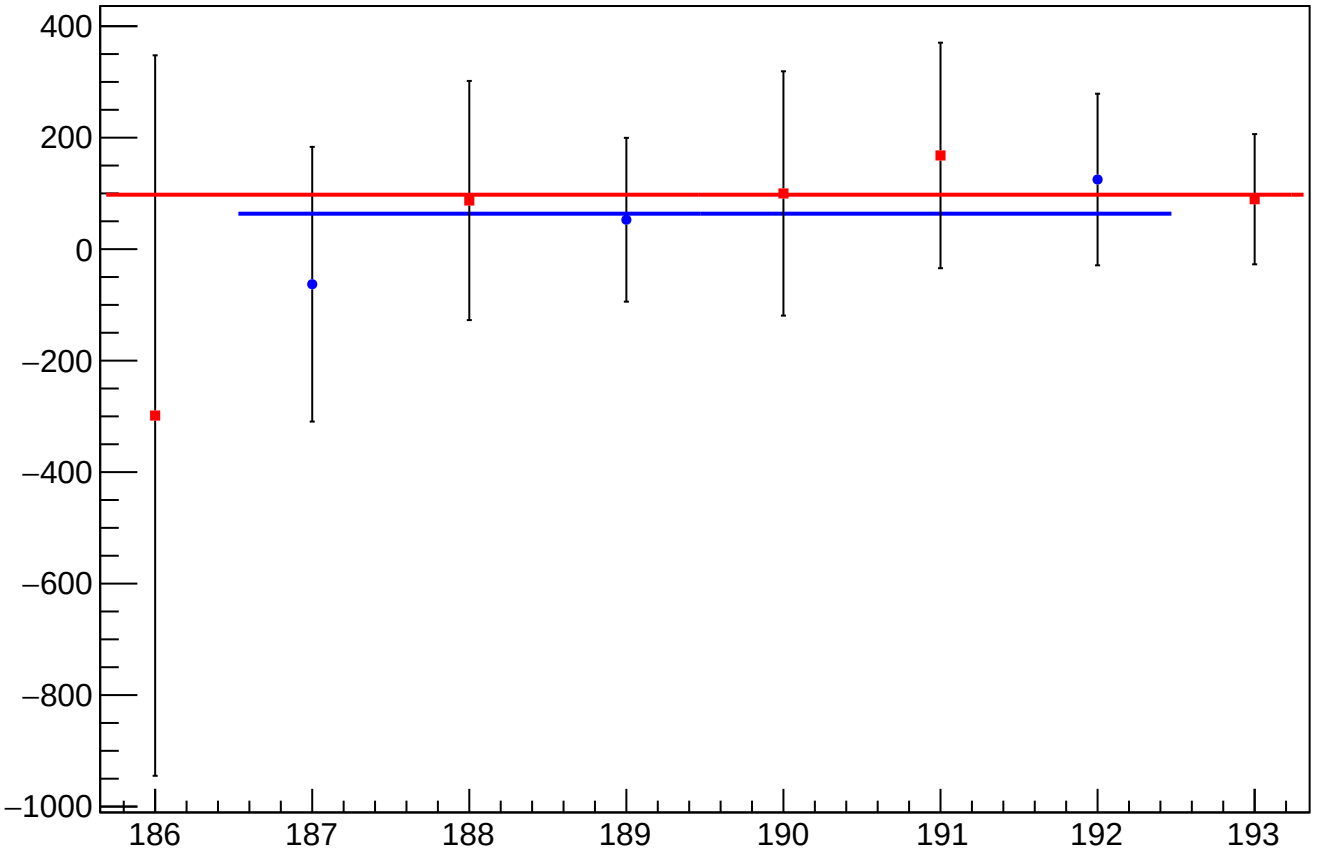
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 729.355+/-0.321 χ^2/NDF: 560130.1/7

In: 739.309+/-0.520 χ^2/NDF:45045.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 729.355+/-0.321 χ^2/NDF: 560130.1/7



Right In: 63.625+/-97.596 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 97.687+/-83.729 χ^2/NDF: 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

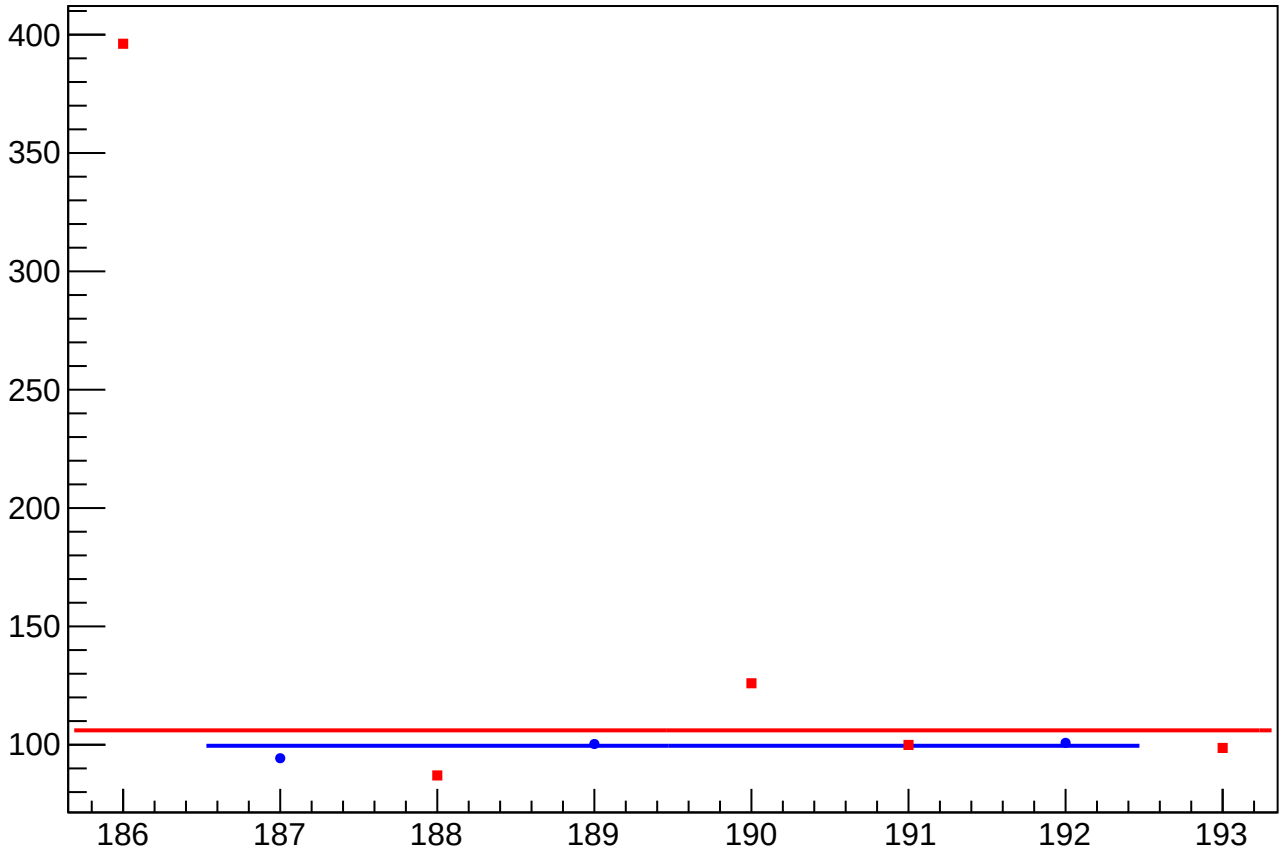
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 83.246+/-63.548 χ^2/NDF: 1.0/7

In: 63.625+/-97.596 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 83.246+/-63.548 χ^2/NDF: 1.0/7



Right In: 99.567+/-0.069 χ^2/NDF: 1092.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.082+/-0.059 χ^2/NDF: 445121.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

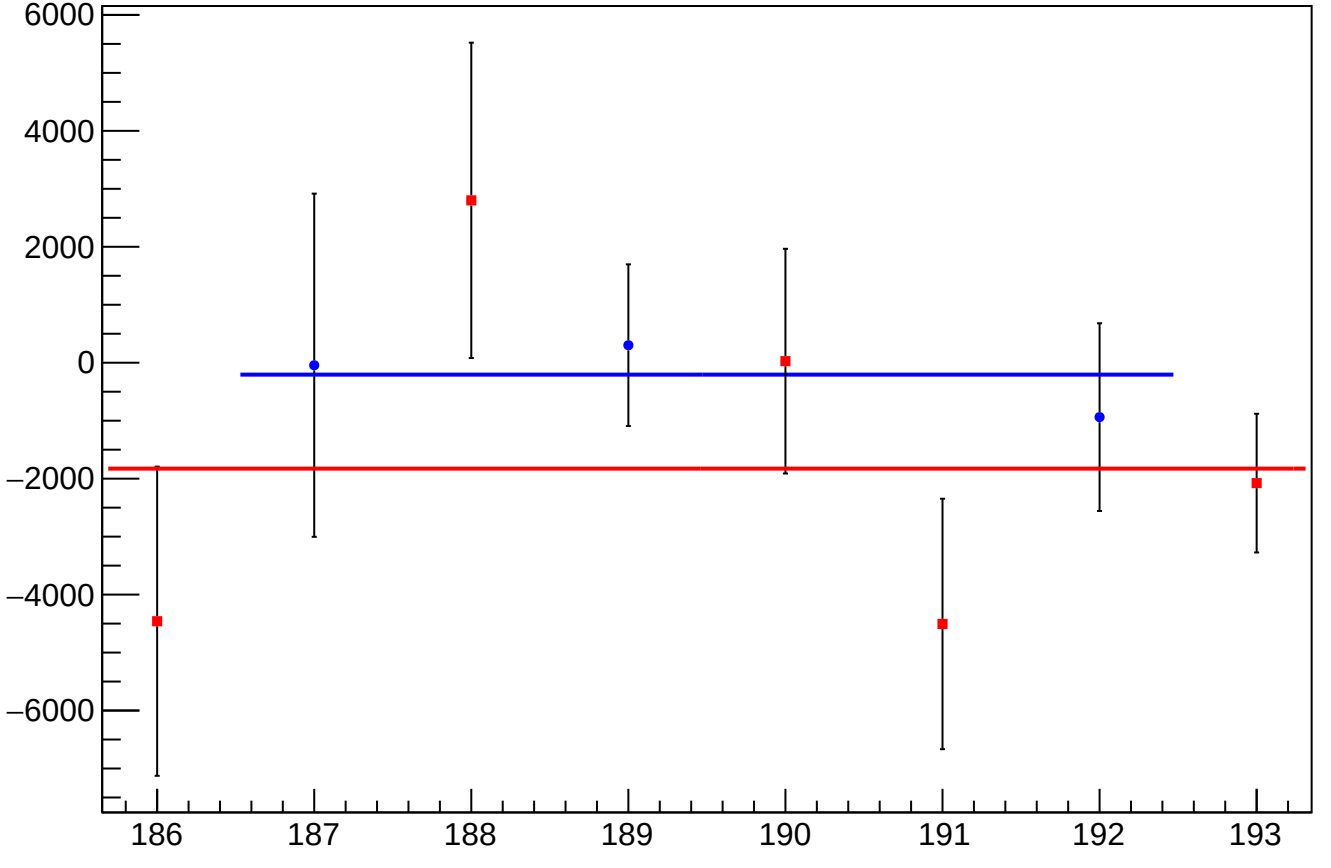
Right: 103.320+/-0.045 χ^2/NDF: 451346.7/7

In: 99.567+/-0.069 χ^2/NDF:1092.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 103.320+/-0.045 χ^2/NDF: 451346.7/7

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -205.360+/-995.219 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1826.606+/-829.058 χ^2/NDF: 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

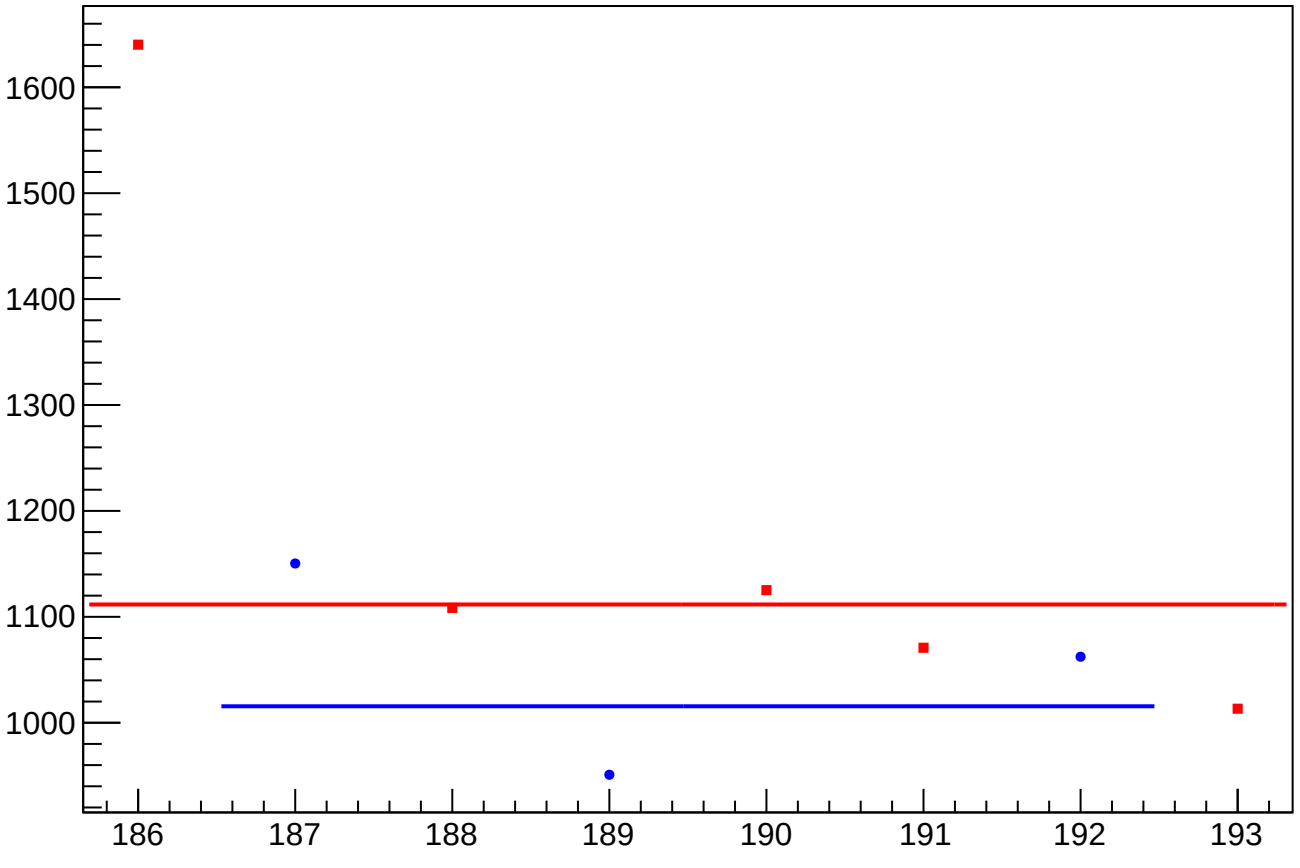
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1162.436+/-636.992 χ^2/NDF: 8.3/7

In: -205.360+/-995.219 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1162.436+/-636.992 χ^2/NDF: 8.3/7



Right In: 1015.537+/-0.704 χ^2/NDF: 10117.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1111.660+/-0.586 χ^2/NDF: 92918.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

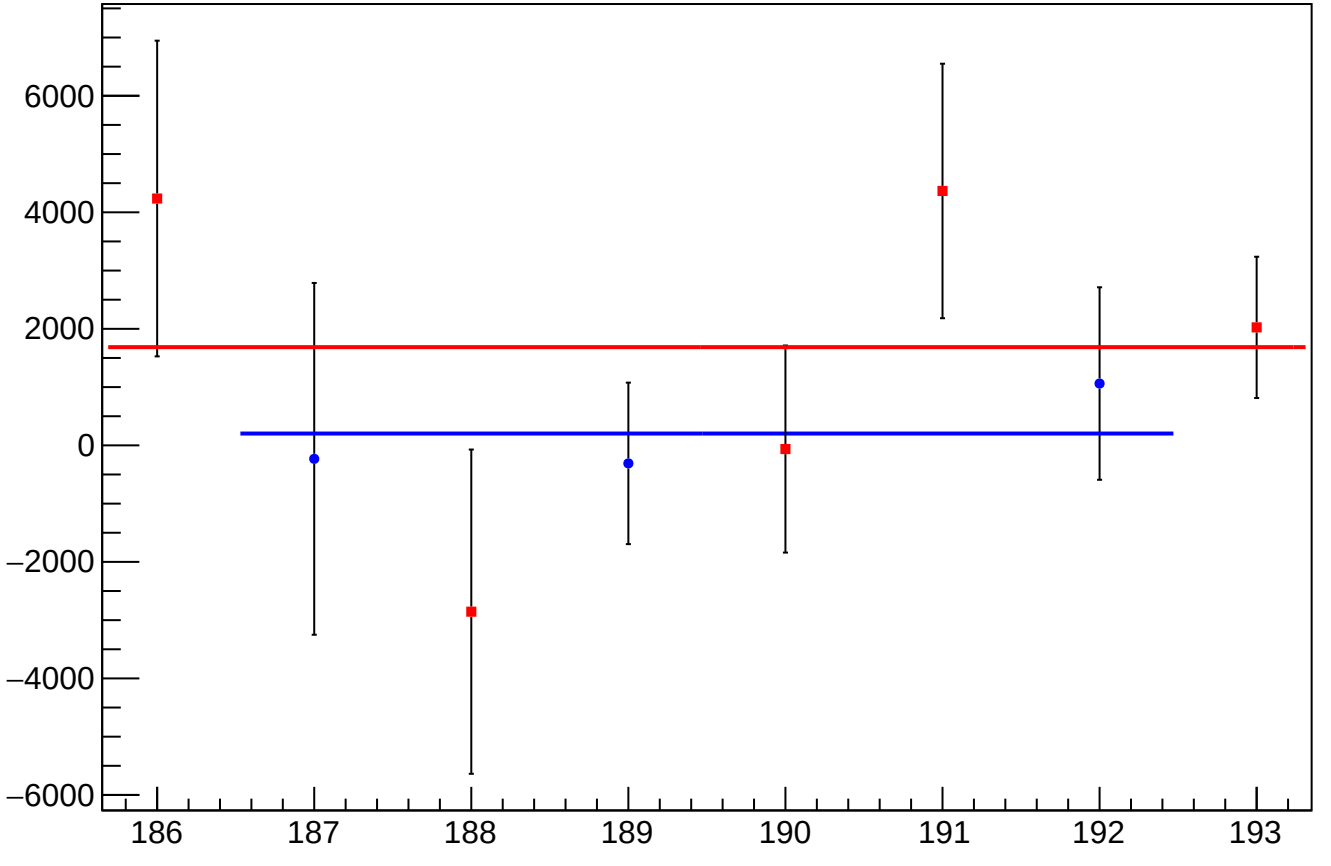
Right: 1072.281+/-0.450 χ^2/NDF: 114049.6/7

In: 1015.537+/-0.704 χ^2/NDF:10117.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1072.281+/-0.450 χ^2/NDF: 114049.6/7

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 202.966+/-1001.620 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1685.753+/-824.266 χ^2/NDF: 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

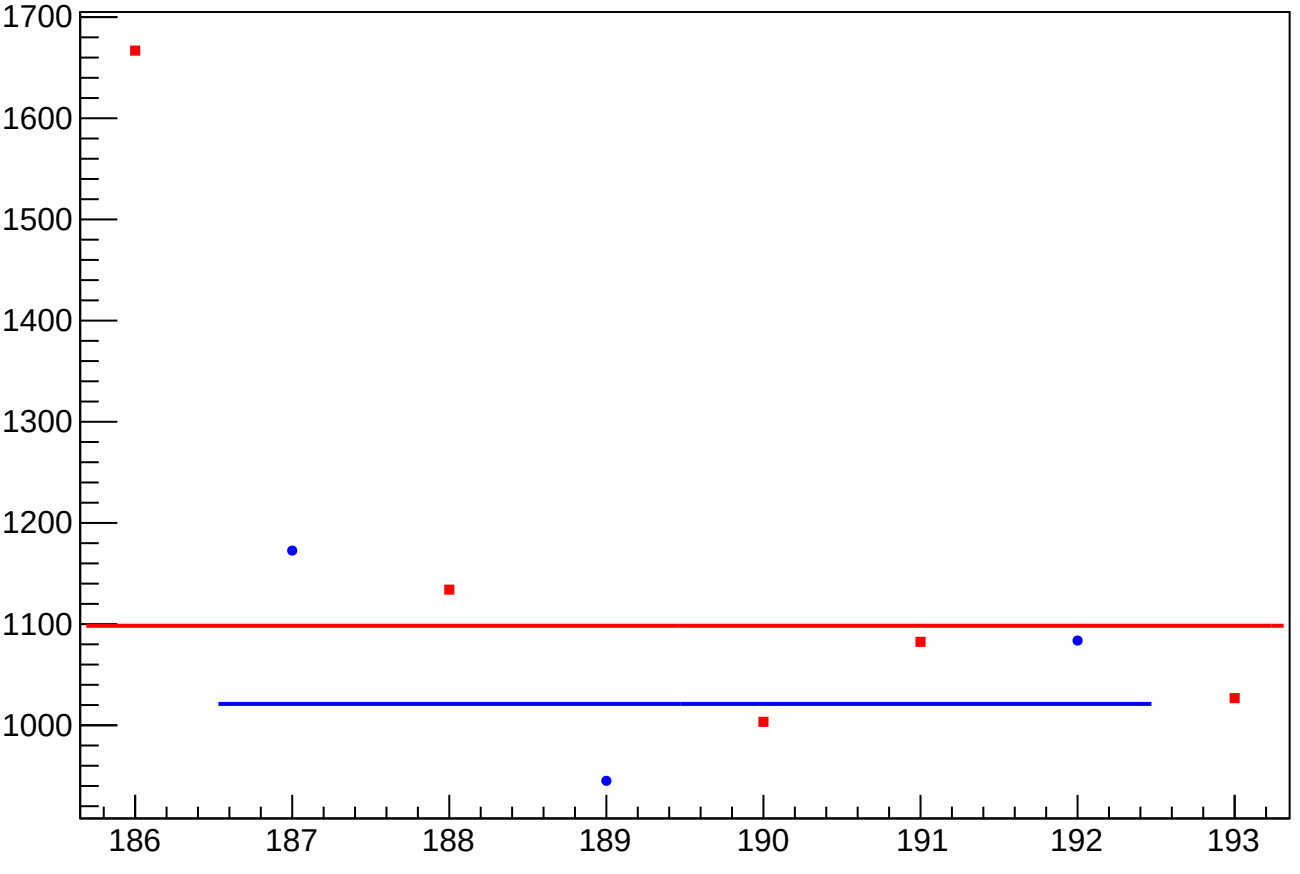
Right: 1087.041+/-636.462 χ^2/NDF: 7.8/7

In: 202.966+/-1001.620 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1087.041+/-636.462 χ^2/NDF: 7.8/7

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 1021.112+/-0.708 χ^2/NDF: 13929.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1098.362+/-0.583 χ^2/NDF: 101169.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

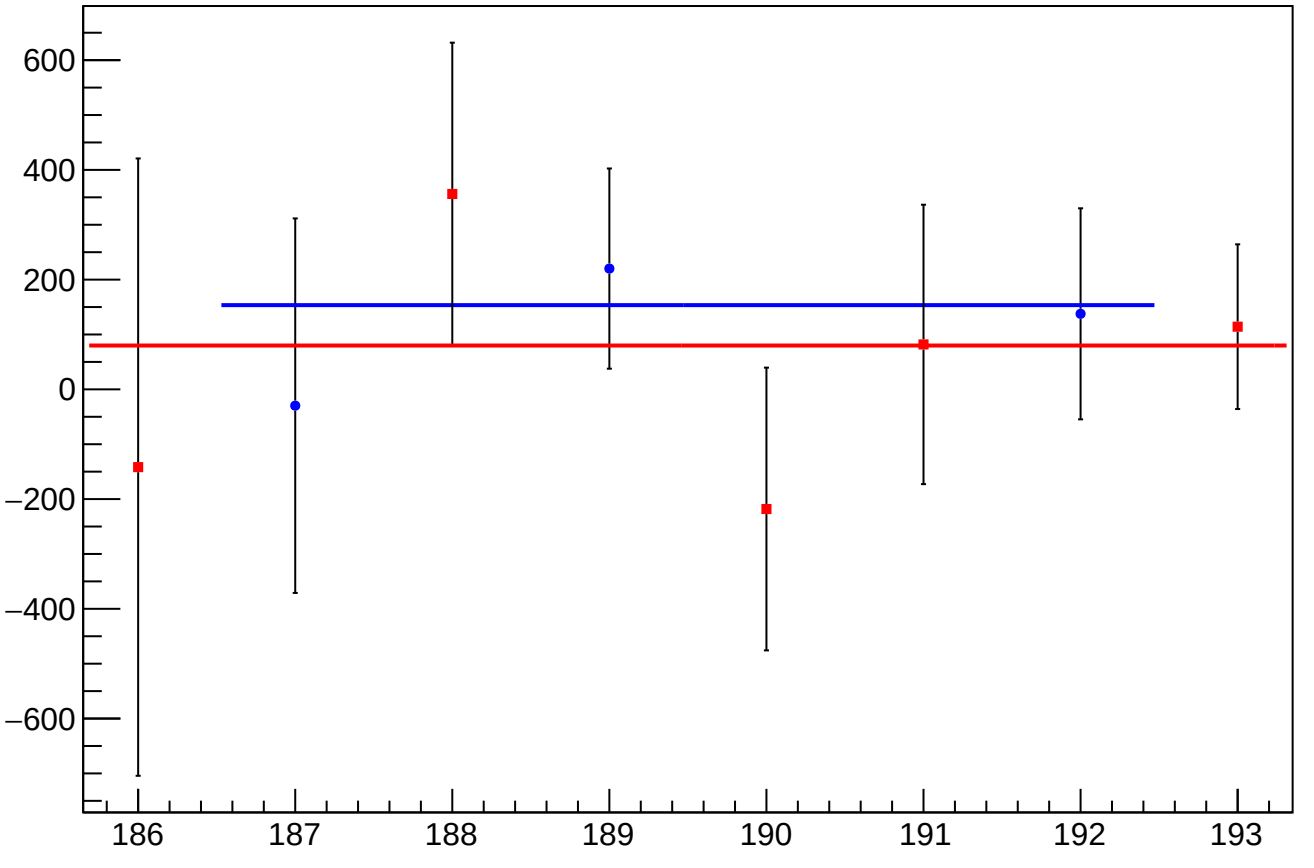
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1067.171+/-0.450 χ^2/NDF: 122192.2/7

In: 1021.112+/-0.708 χ^2/NDF:13929.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1067.171+/-0.450 χ^2/NDF: 122192.2/7



Right In: 153.502+/-123.410 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 79.891+/-104.720 χ^2/NDF: 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

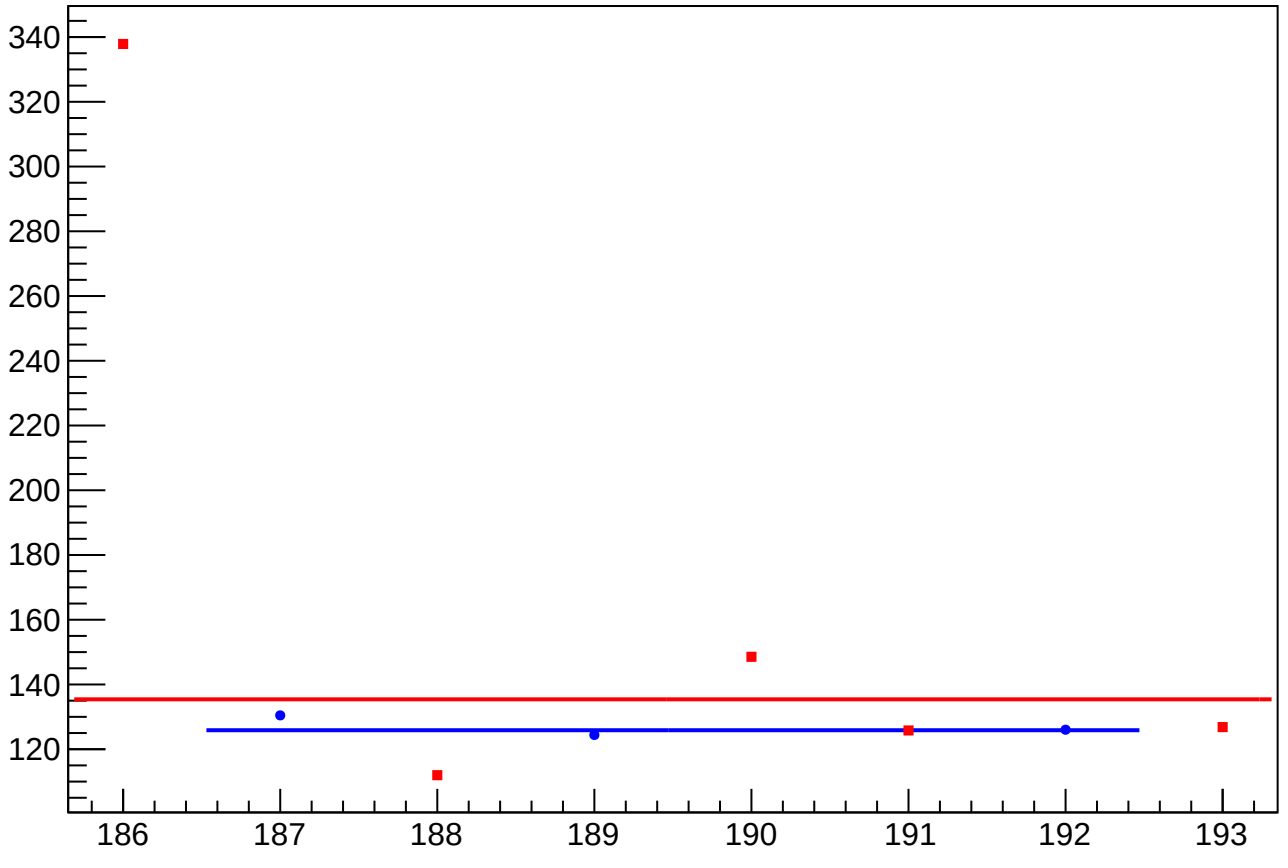
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 110.706+/-79.847 χ^2/NDF: 3.2/7

In: 153.502+/-123.410 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 110.706+/-79.847 χ^2/NDF: 3.2/7



Right In: 125.864+/-0.087 χ^2/NDF: 490.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 135.416+/-0.074 χ^2/NDF: 288003.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

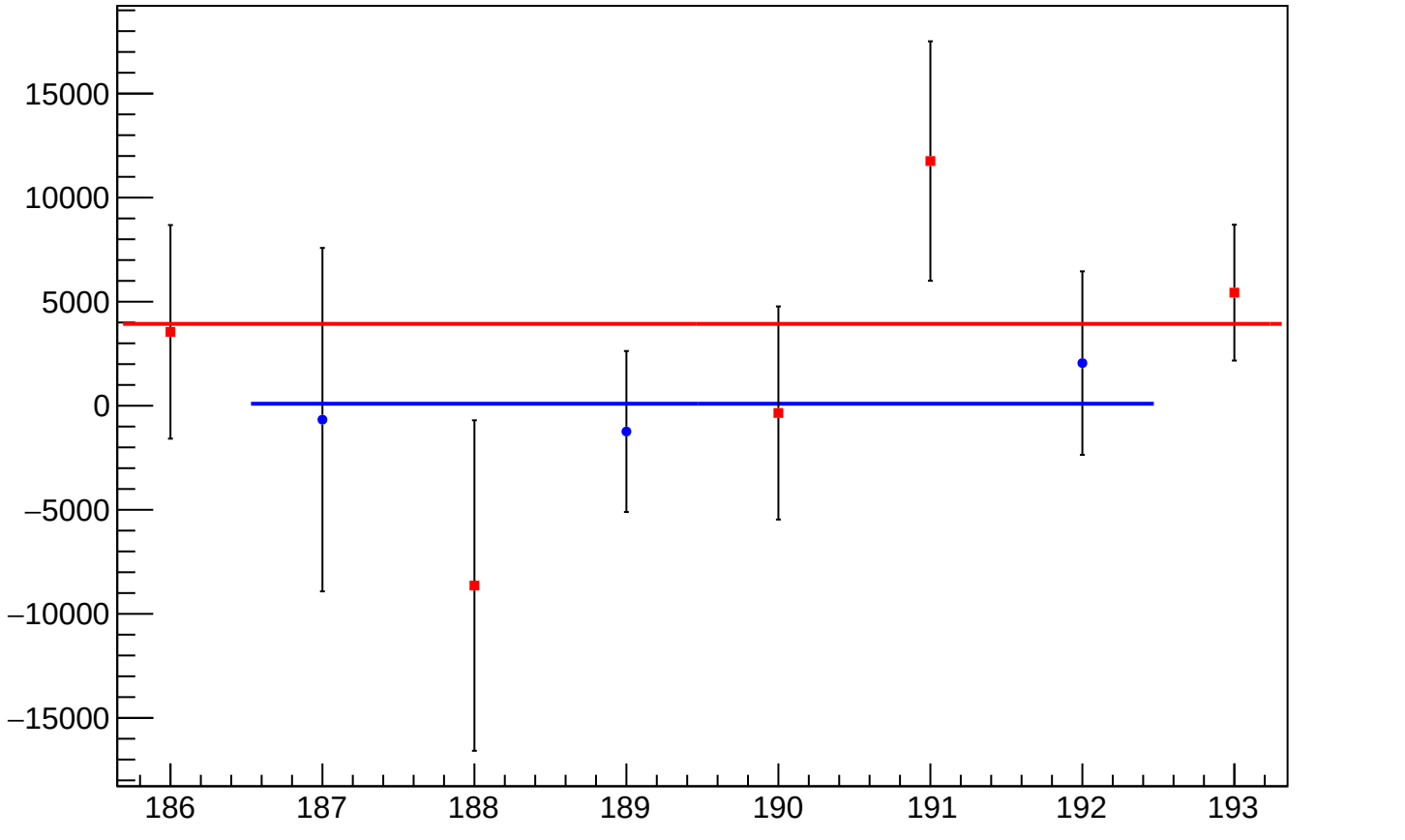
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 131.417+/-0.056 χ^2/NDF: 295459.2/7

In: 125.864+/-0.087 χ^2/NDF:490.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 131.417+/-0.056 χ^2/NDF: 295459.2/7



Right In: 97.187+/-2742.132 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3934.077+/-2151.074 χ^2/NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

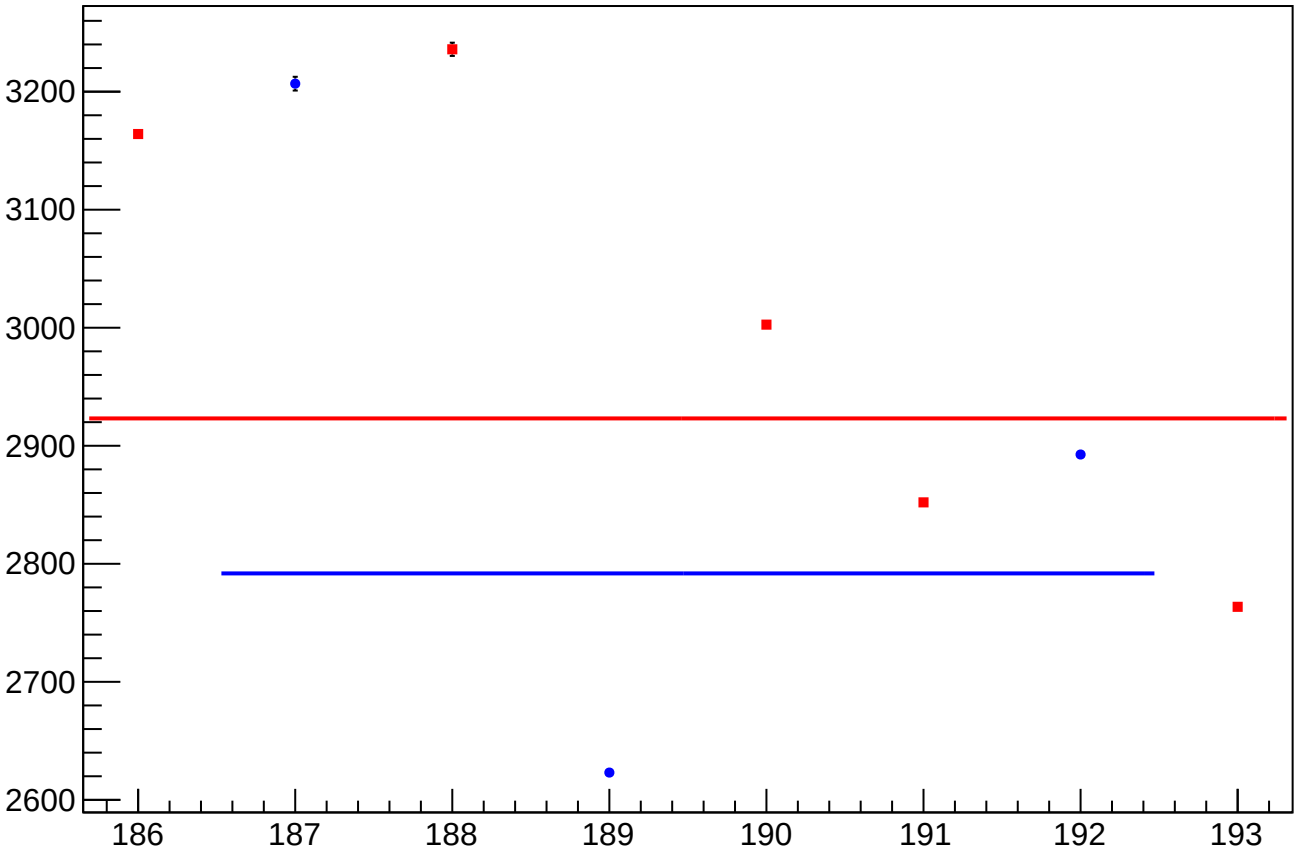
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2472.432+/-1692.466 χ^2/NDF: 6.8/7

In: 97.187+/-2742.132 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2472.432+/-1692.466 χ^2/NDF: 6.8/7



Right In: 2791.855+/-1.939 χ^2/NDF: 9908.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2923.164+/-1.521 χ^2/NDF: 13084.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

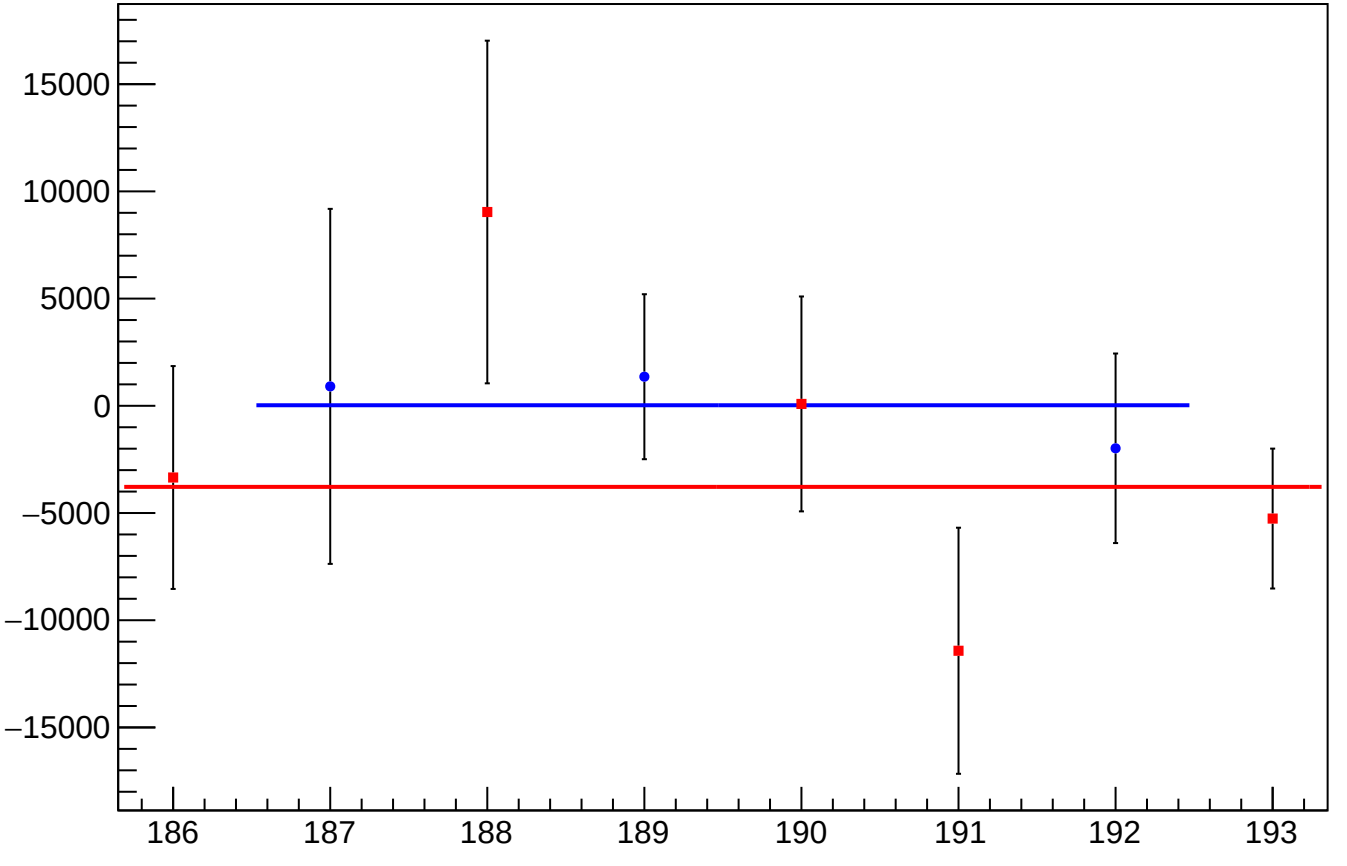
Right: 2873.143+/-1.197 χ^2/NDF: 25831.5/7

In: 2791.855+/-1.939 χ^2/NDF:9908.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2873.143+/-1.197 χ^2/NDF: 25831.5/7

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 25.935+/-2738.514 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3780.888+/-2147.501 χ^2/NDF: 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

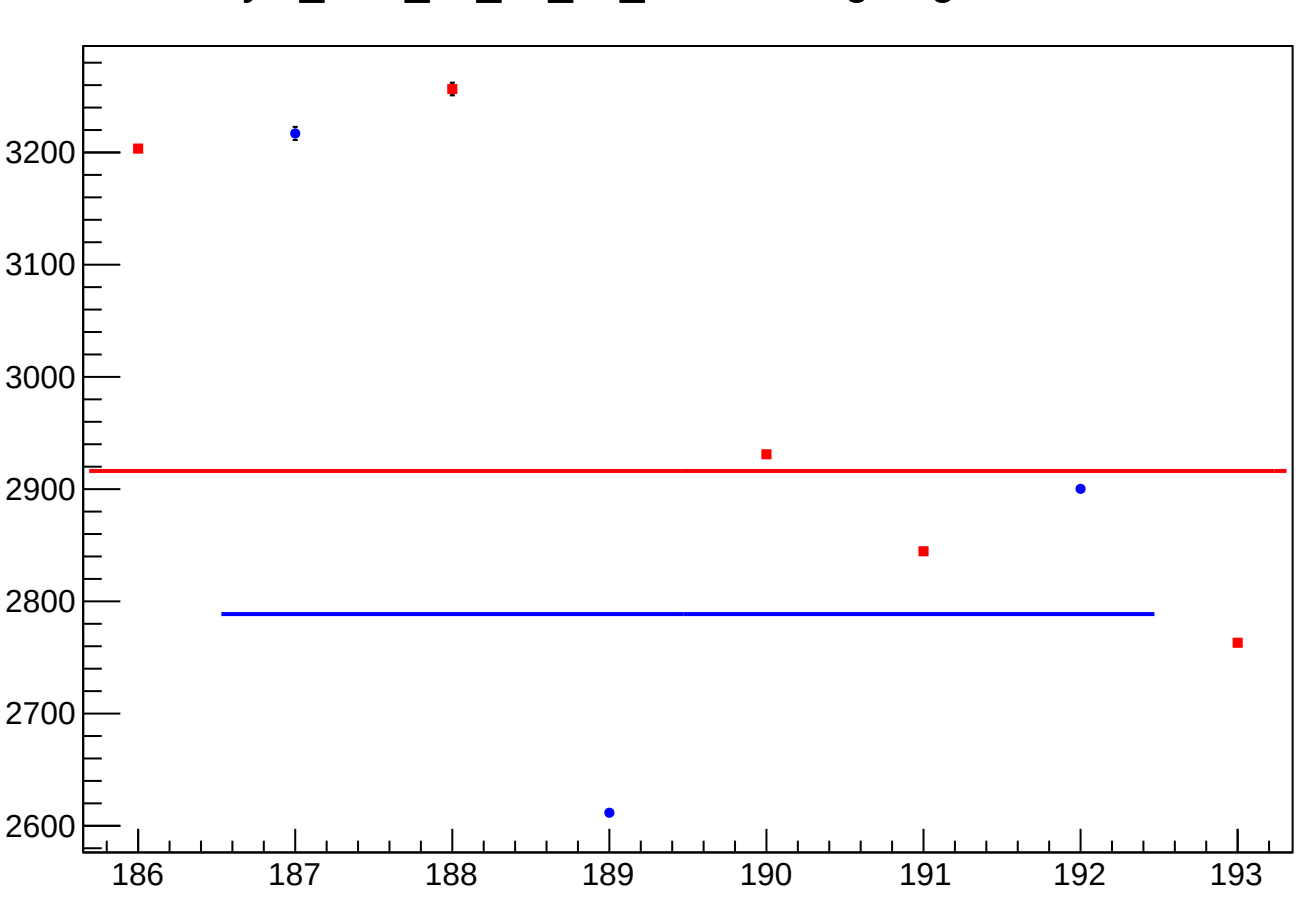
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2331.310+/-1689.874 χ^2/NDF: 6.7/7

In: 25.935+/-2738.514 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2331.310+/-1689.874 χ^2/NDF: 6.7/7



Right In: 2788.655+/-1.936 χ^2/NDF: 10862.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2916.197+/-1.519 χ^2/NDF: 14470.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

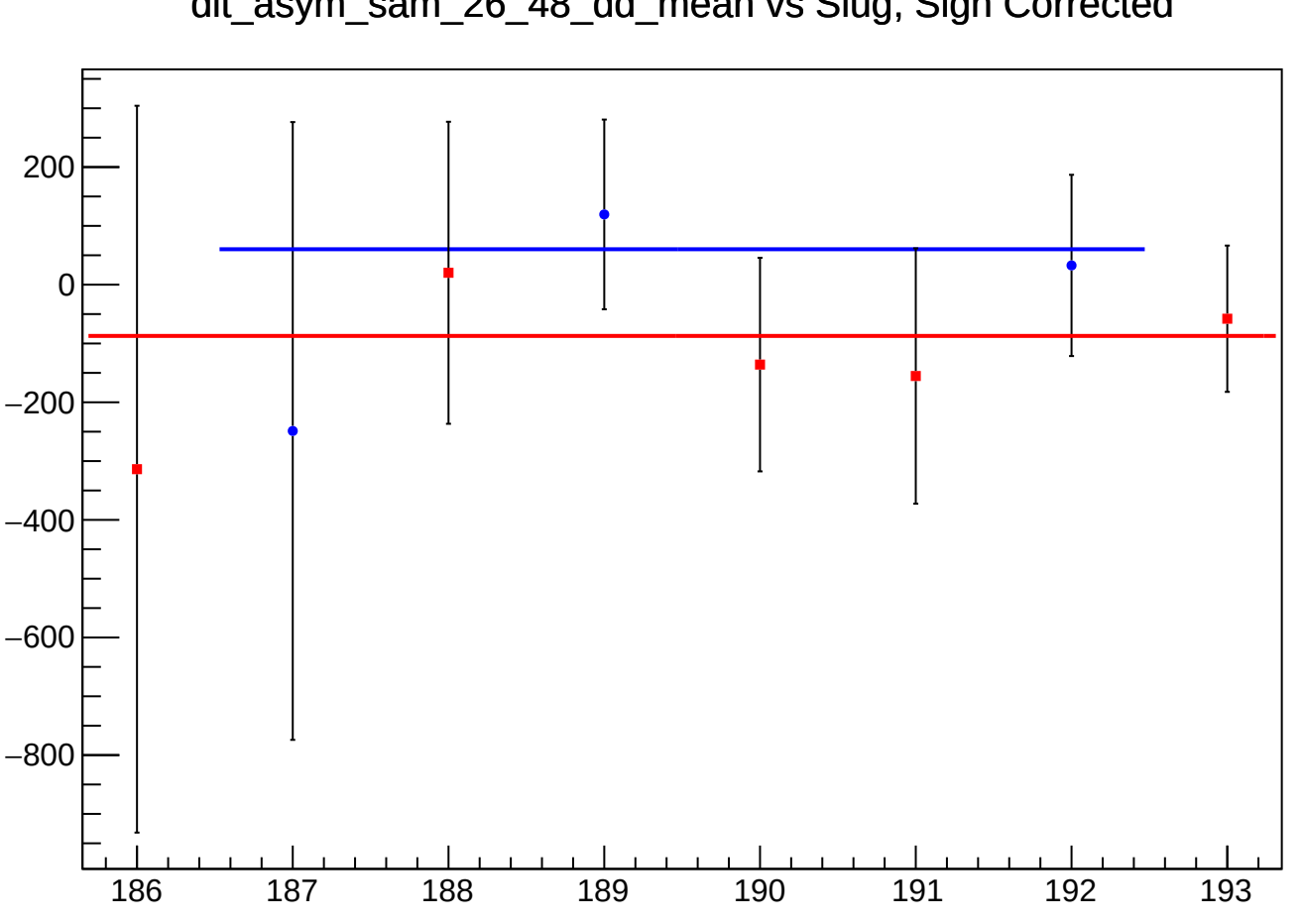
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2867.631+/-1.195 χ^2/NDF: 28019.2/7

In: 2788.655+/-1.936 χ^2/NDF:10862.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2867.631+/-1.195 χ^2/NDF: 28019.2/7



Right In: 60.254+/-109.004 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -87.136+/-86.406 χ^2/NDF: 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

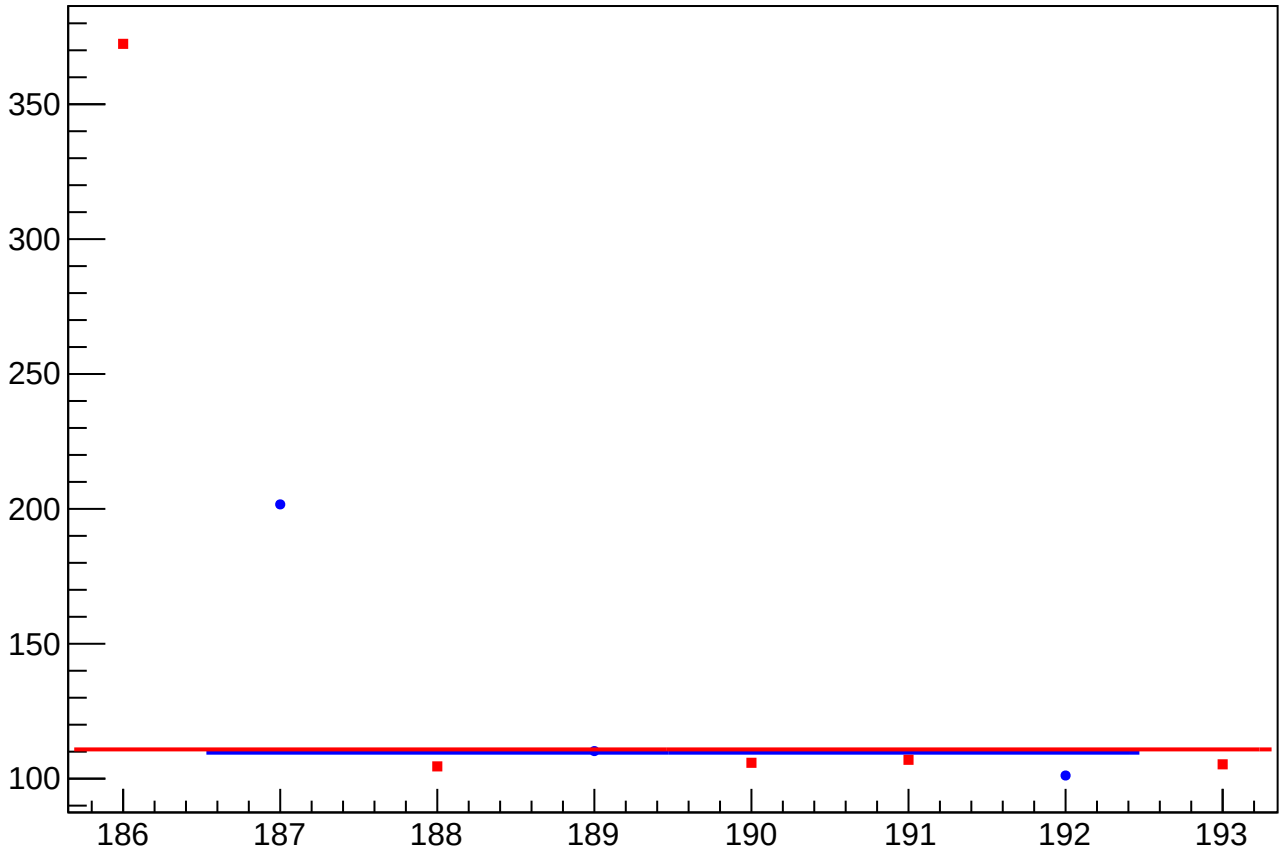
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -30.261+/-67.713 χ^2/NDF: 2.2/7

In: 60.254+/-109.004 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -30.261+/-67.713 χ^2/NDF: 2.2/7



Right In: 109.628+/-0.077 χ^2/NDF: 67449.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 110.840+/-0.061 χ^2/NDF: 365448.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

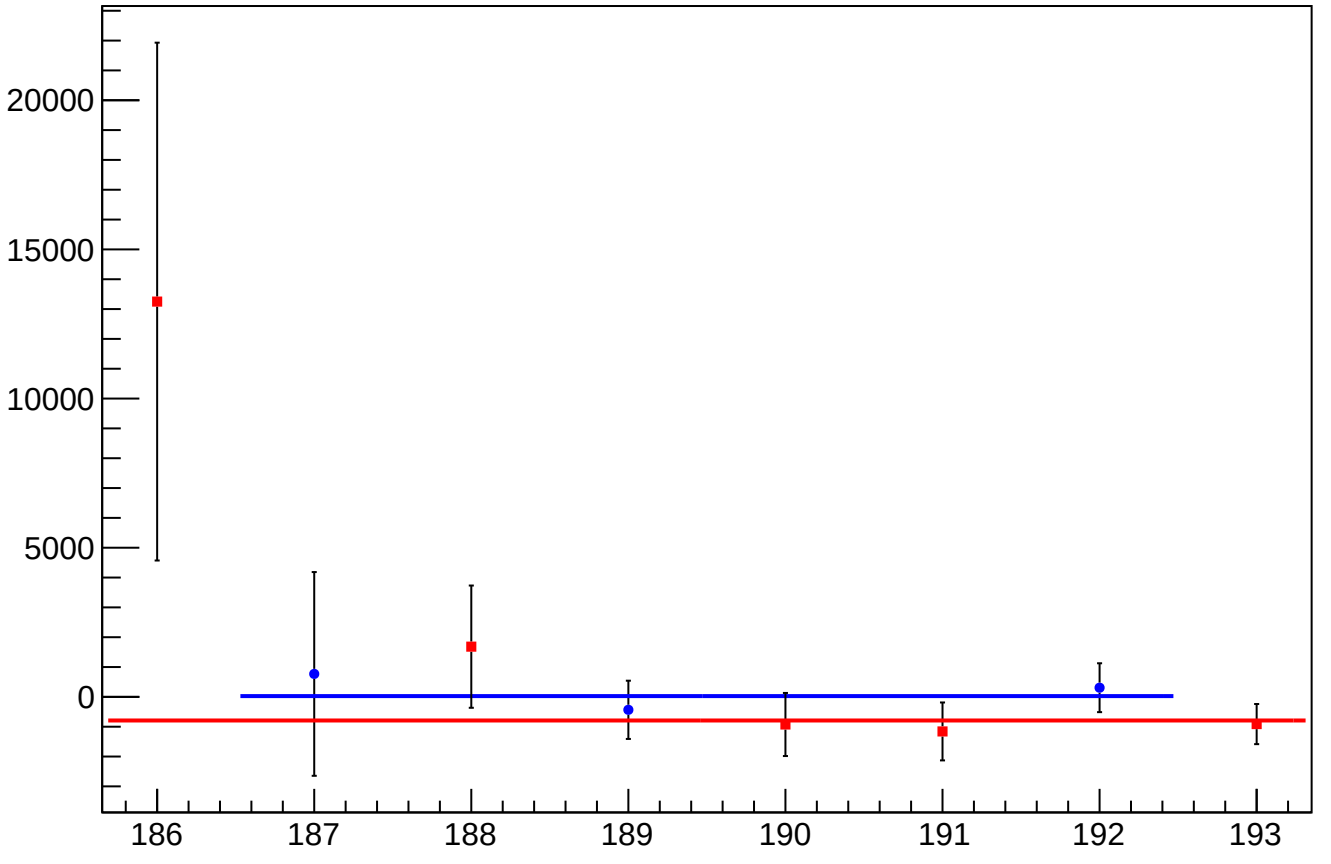
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 110.373+/-0.048 χ^2/NDF: 433049.3/7

In: 109.628+/-0.077 χ^2/NDF:67449.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 110.373+/-0.048 χ^2/NDF: 433049.3/7



Right In: 26.044+/-617.233 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -791.545+/-475.827 χ^2/NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

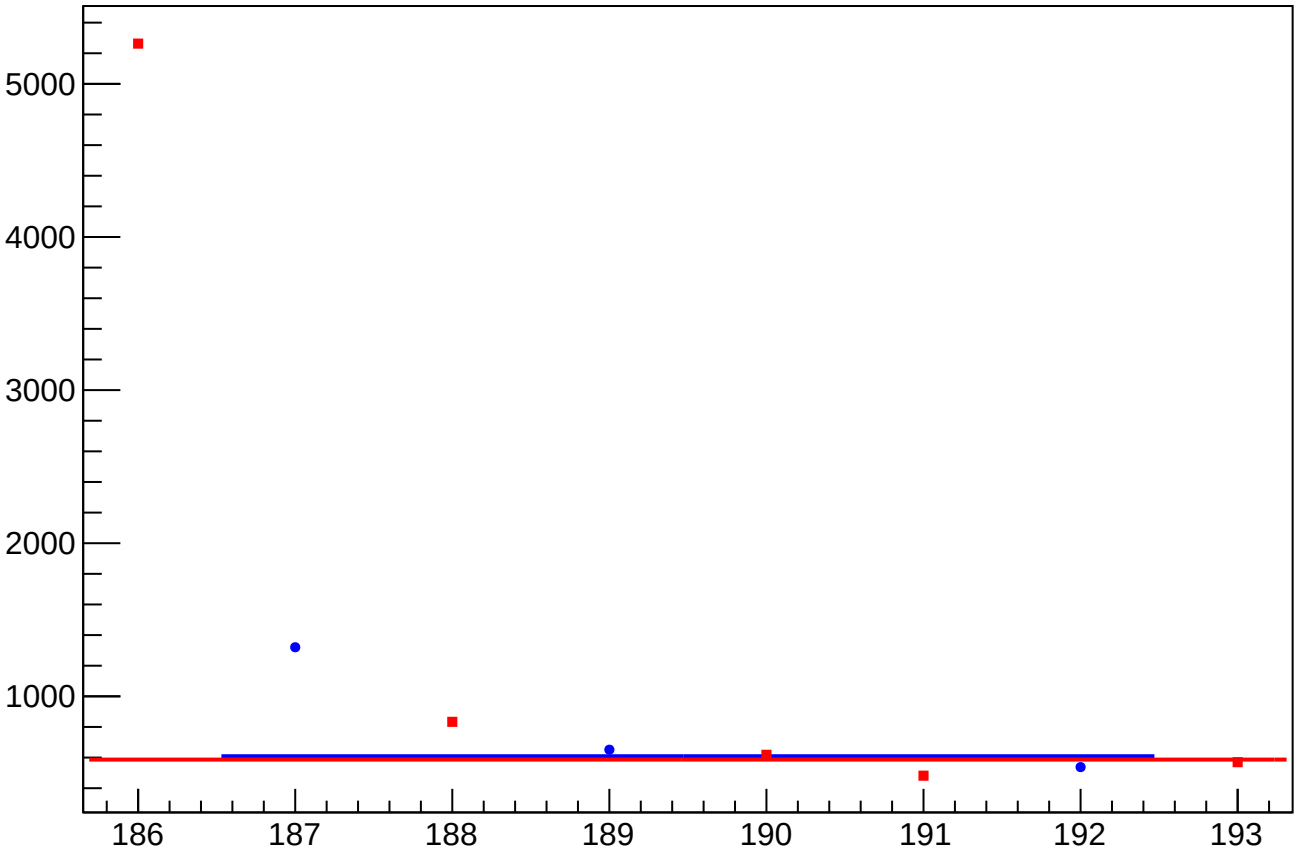
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -486.779+/-376.847 χ^2/NDF: 5.8/7

In: 26.044+/-617.233 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -486.779+/-376.847 χ^2/NDF: 5.8/7



Right In: 608.799+/-0.436 χ^2/NDF: 105720.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 586.868+/-0.336 χ^2/NDF: 635963.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

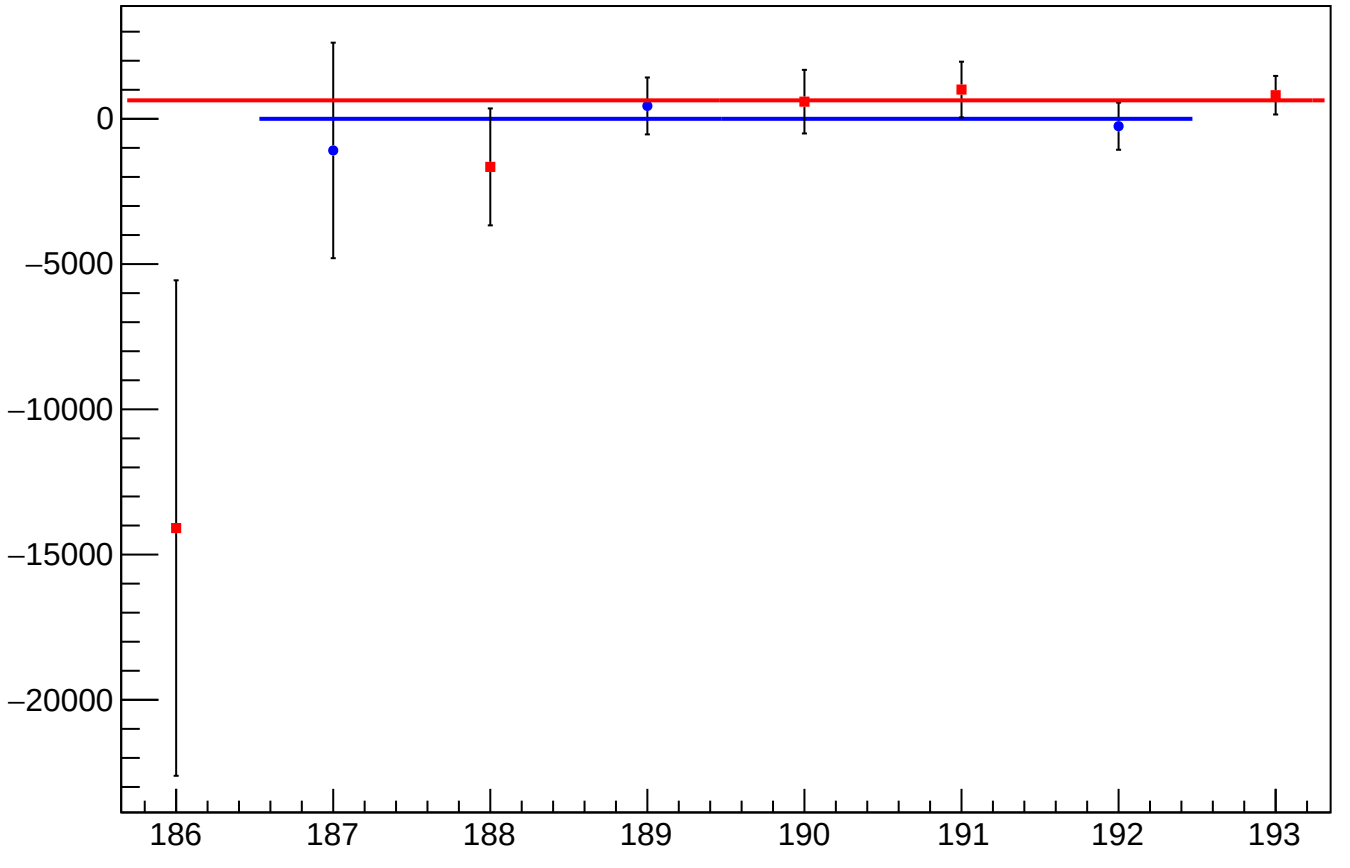
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 595.043+/-0.266 χ^2/NDF: 743267.1/7

In: 608.799+/-0.436 χ^2/NDF:105720.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 595.043+/-0.266 χ^2/NDF: 743267.1/7



Right In: 0.351+/-616.586 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 636.160+/-474.078 χ^2/NDF: 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

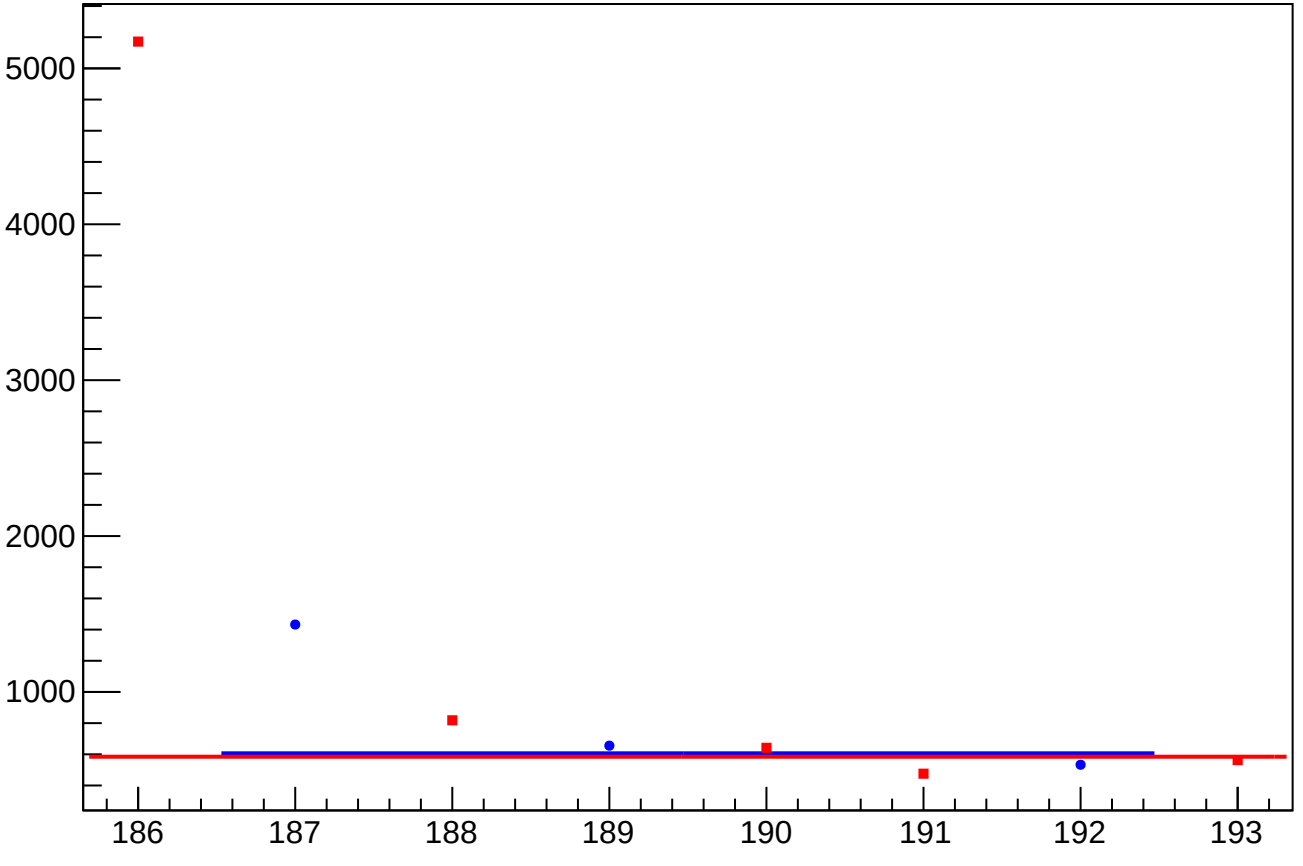
Right: 399.937+/-375.830 χ^2/NDF: 5.6/7

In: 0.351+/-616.586 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 399.937+/-375.830 χ^2/NDF: 5.6/7

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 606.403+/-0.436 χ^2/NDF: 120440.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 584.616+/-0.335 χ^2/NDF: 638916.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

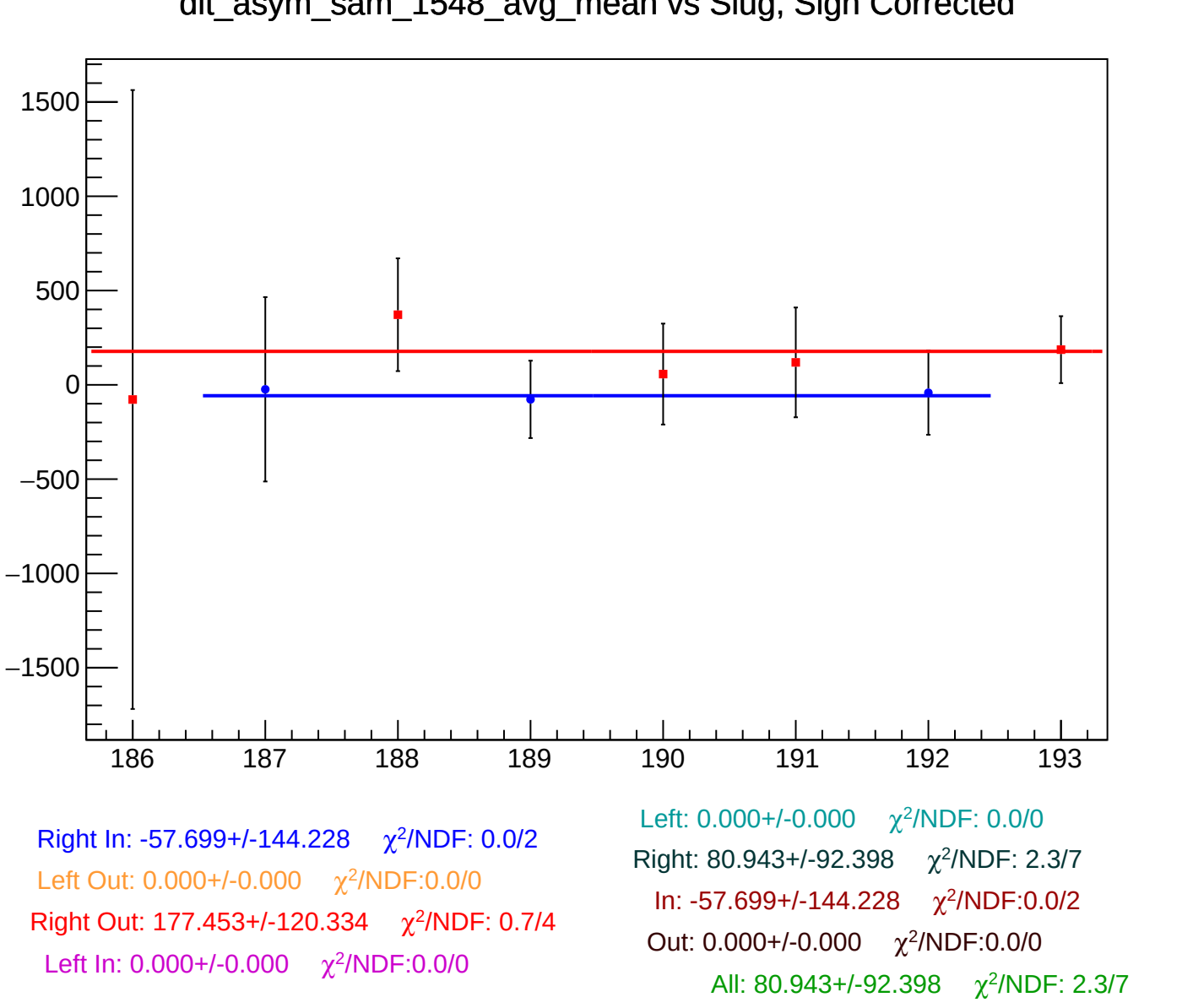
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

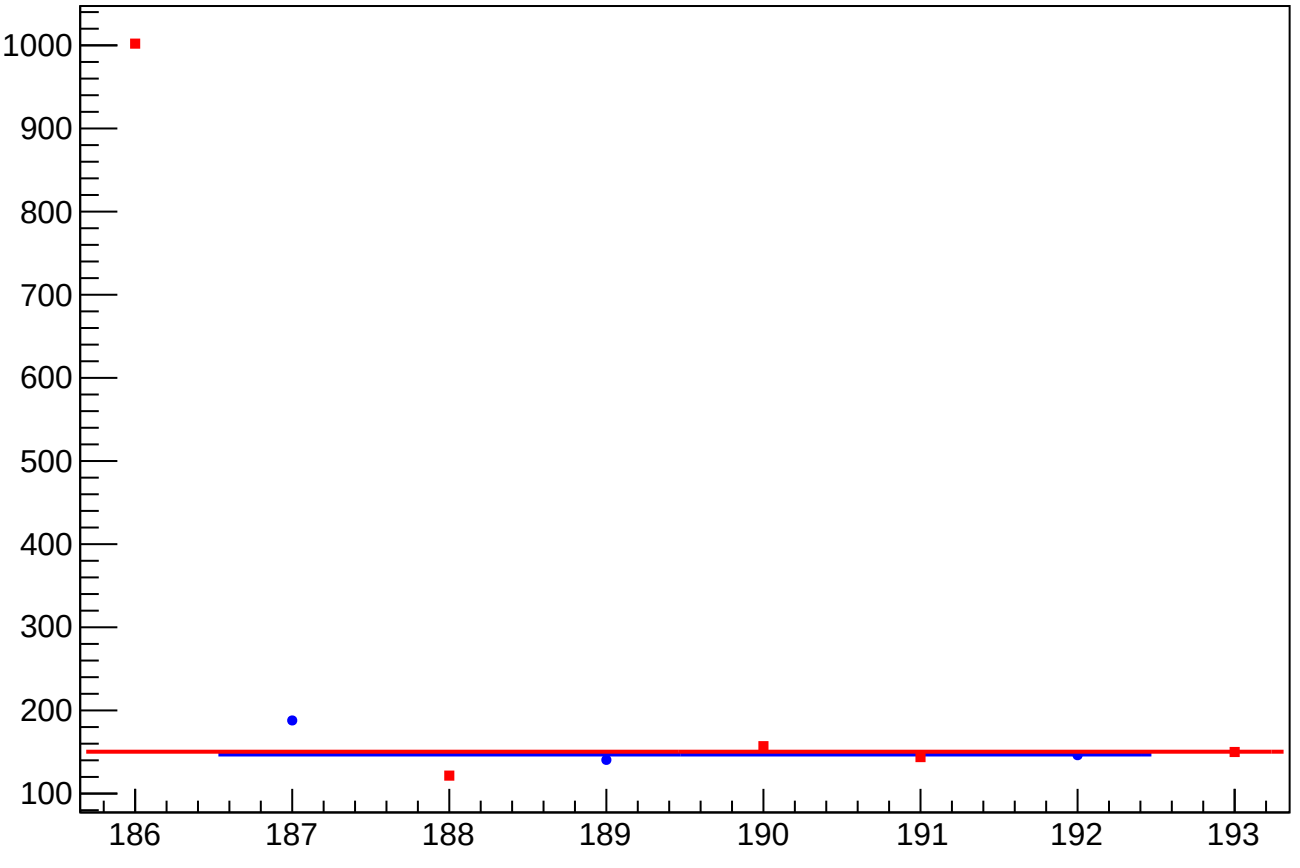
Right: 592.710+/-0.266 χ^2/NDF: 760926.8/7

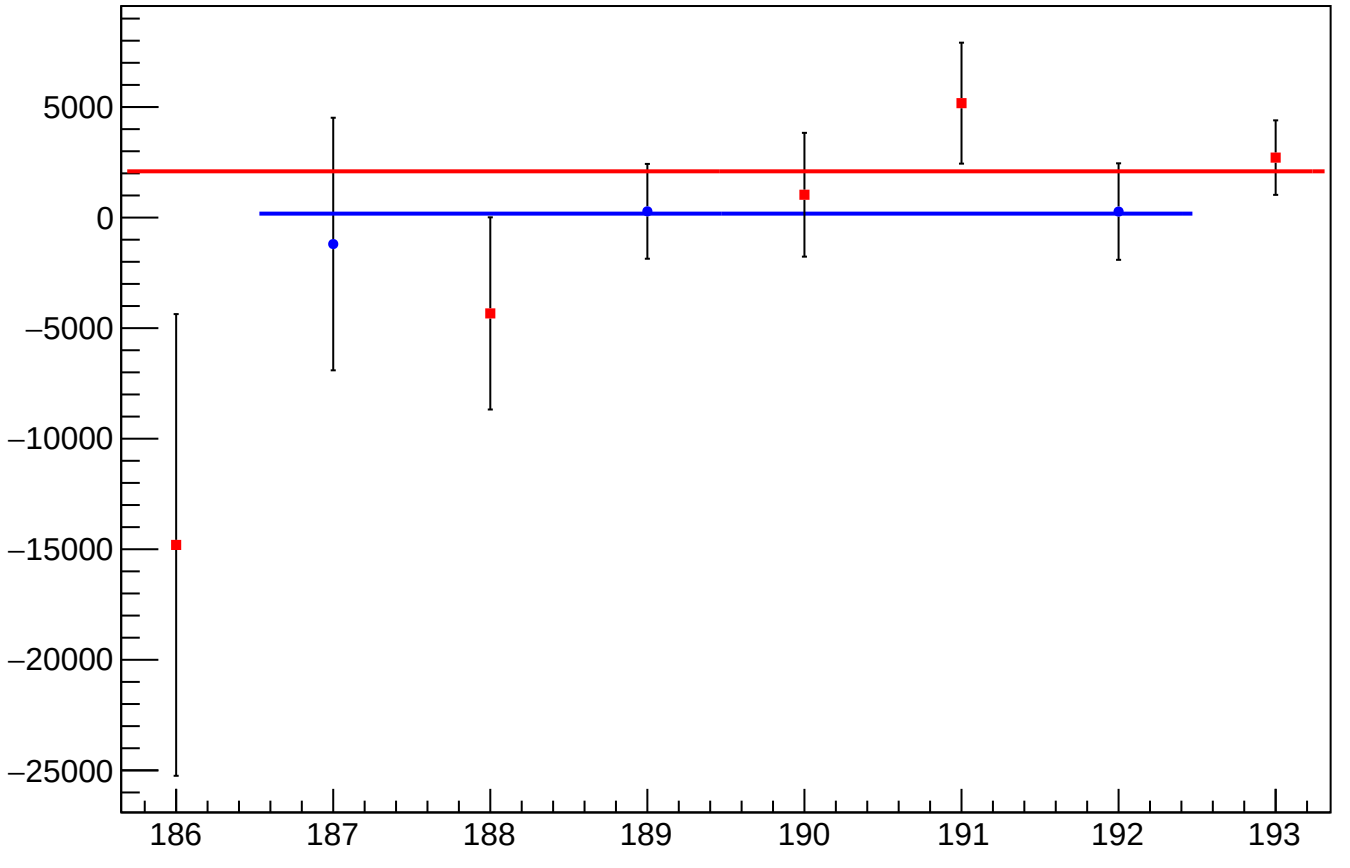
In: 606.403+/-0.436 χ^2/NDF:120440.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 592.710+/-0.266 χ^2/NDF: 760926.8/7


dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected
1500
1000
500
0
−500
−1000
−1500
186
187
188
189
190
191
192
193
Right In: -57.699+/-144.228 χ²/NDF: 0.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 177.453+/-120.334 χ²/NDF: 0.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 80.943+/-92.398 χ²/NDF: 2.3/7
In: -57.699+/-144.228 χ²/NDF:0.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 80.943+/-92.398 χ²/NDF: 2.3/7


dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected
1000
900
800
700
600
500
400
300
200
100
186
187
188
189
190
191
192
193
Right In: 147.002+/-0.102 χ²/NDF: 16060.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 150.353+/-0.085 χ²/NDF: 559438.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 148.978+/-0.065 χ²/NDF: 576135.2/7
In: 147.002+/-0.102 χ²/NDF:16060.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 148.978+/-0.065 χ²/NDF: 576135.2/7



Right In: 178.854+/-1477.461 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2092.233+/-1216.694 χ^2/NDF: 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

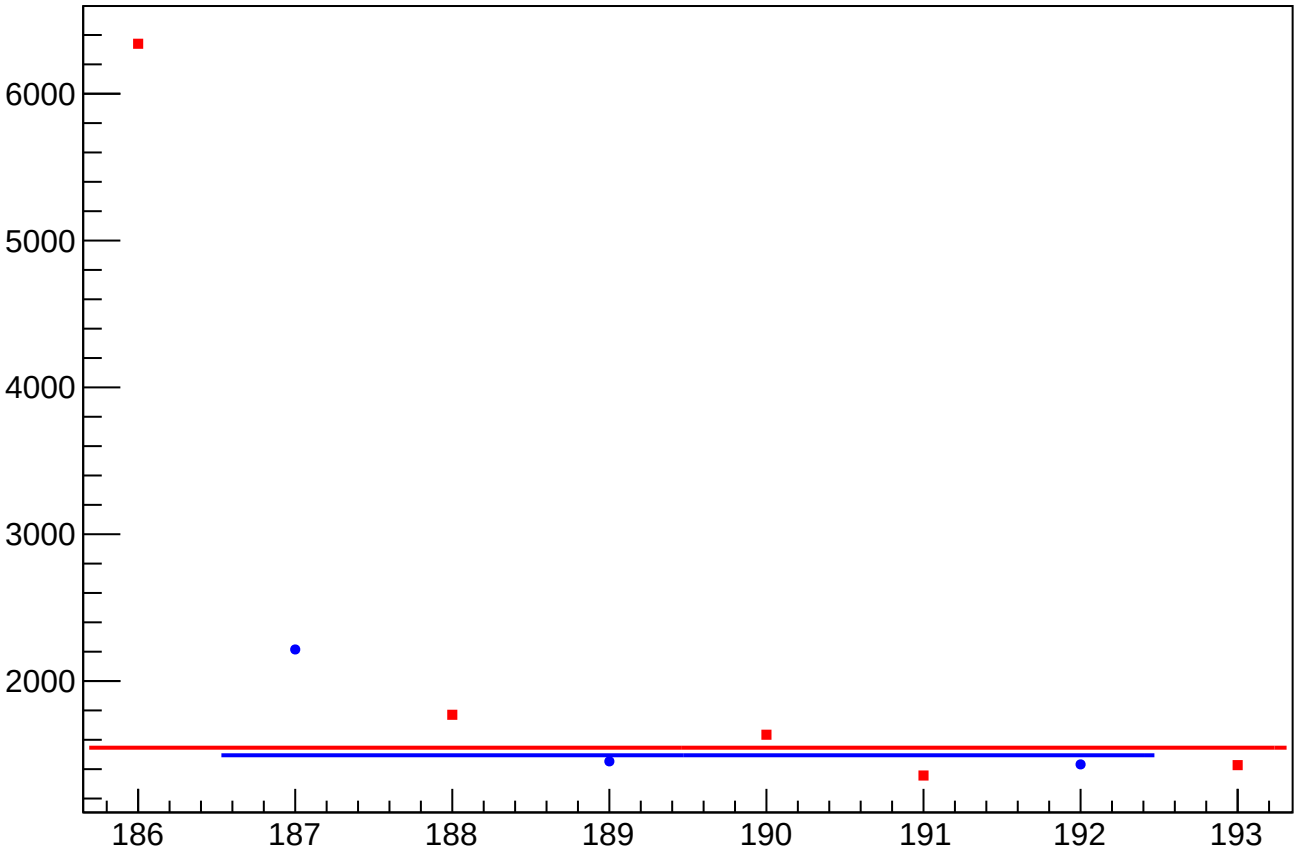
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1319.020+/-939.215 χ^2/NDF: 7.4/7

In: 178.854+/-1477.461 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1319.020+/-939.215 χ^2/NDF: 7.4/7



Right In: 1494.574+/-1.045 χ^2/NDF: 34211.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1546.155+/-0.860 χ^2/NDF: 448524.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

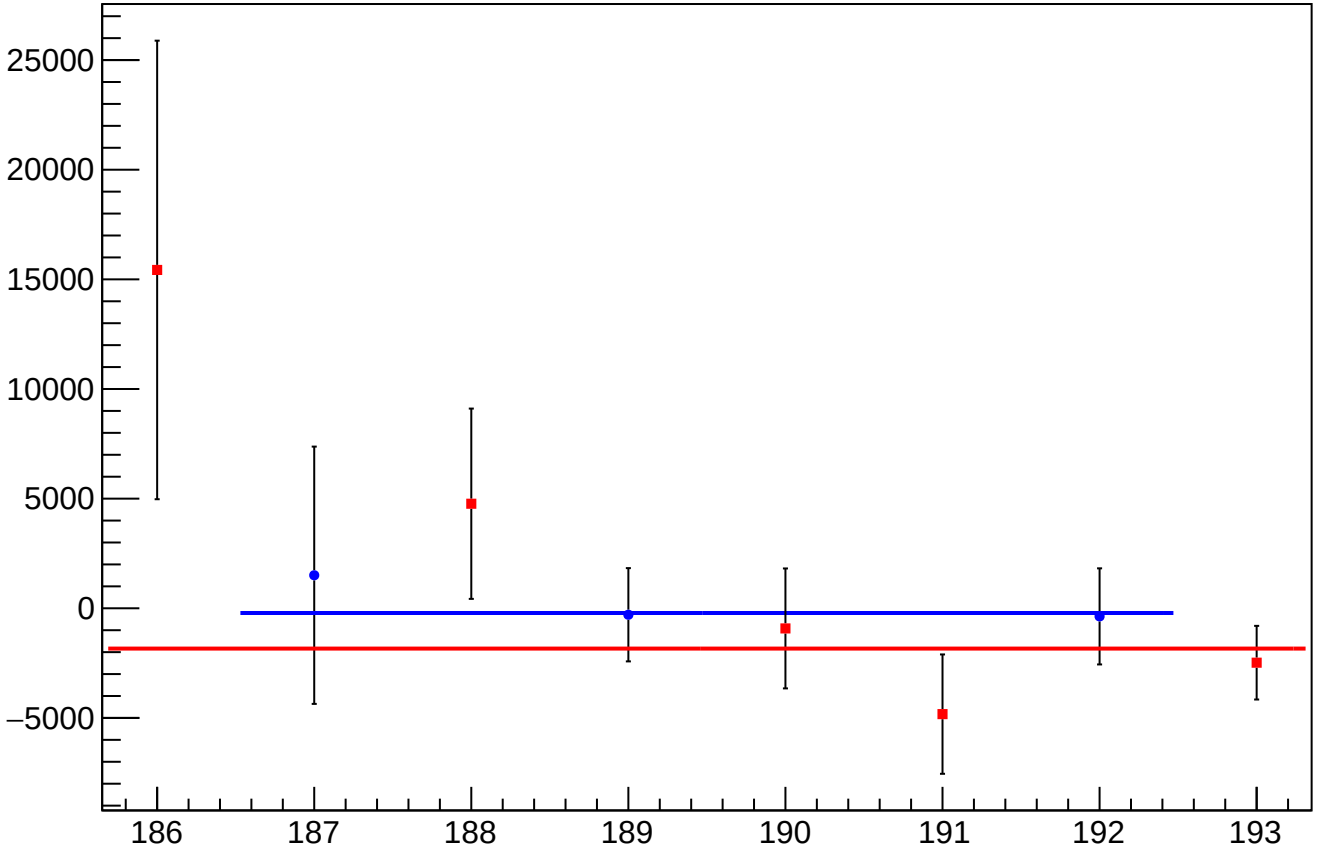
Right: 1525.310+/-0.664 χ^2/NDF: 484188.4/7

In: 1494.574+/-1.045 χ^2/NDF:34211.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1525.310+/-0.664 χ^2/NDF: 484188.4/7

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -214.933+/-1477.073 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1837.836+/-1207.765 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

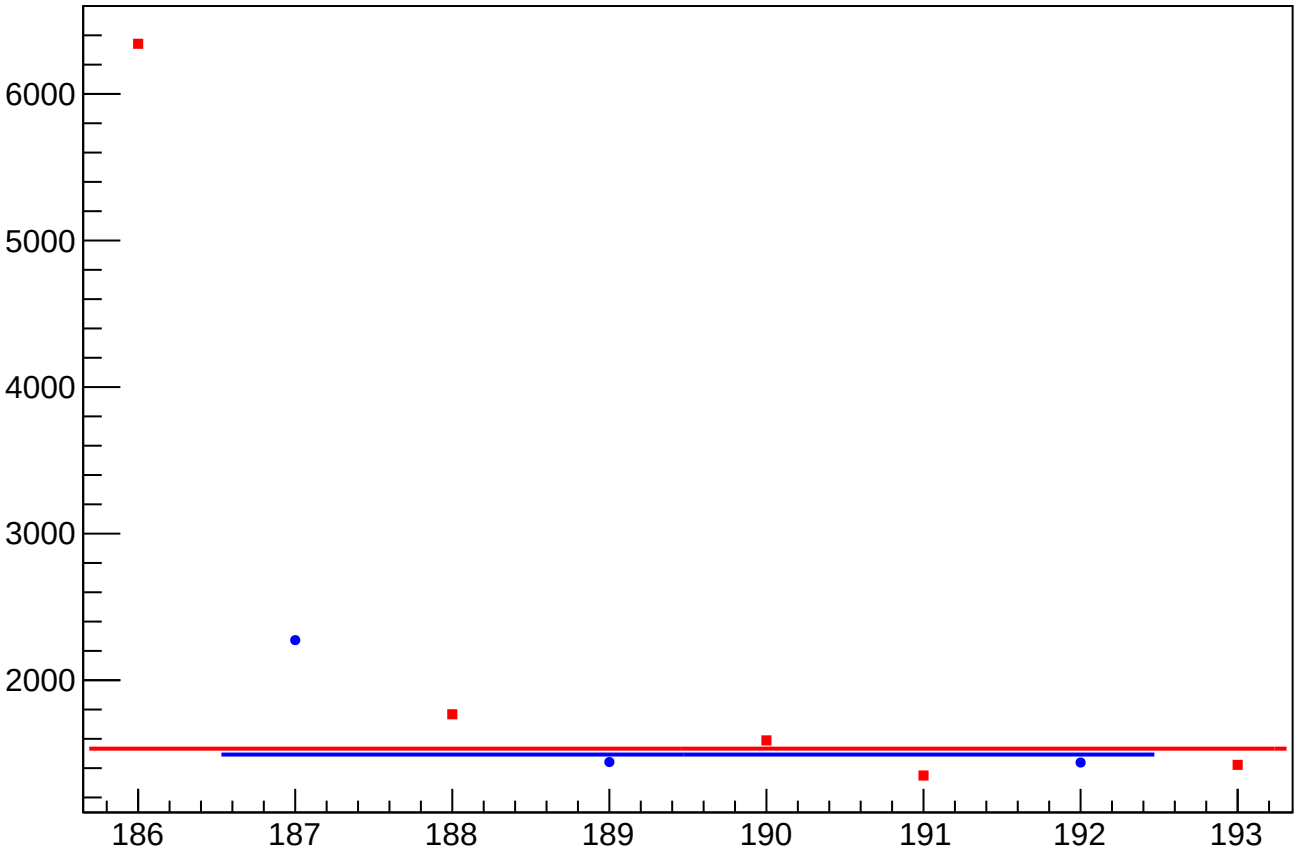
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1187.551+/-934.991 χ^2/NDF: 7.3/7

In: -214.933+/-1477.073 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1187.551+/-934.991 χ^2/NDF: 7.3/7



Right In: 1492.848+/-1.044 χ^2/NDF: 37815.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1533.082+/-0.854 χ^2/NDF: 447604.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

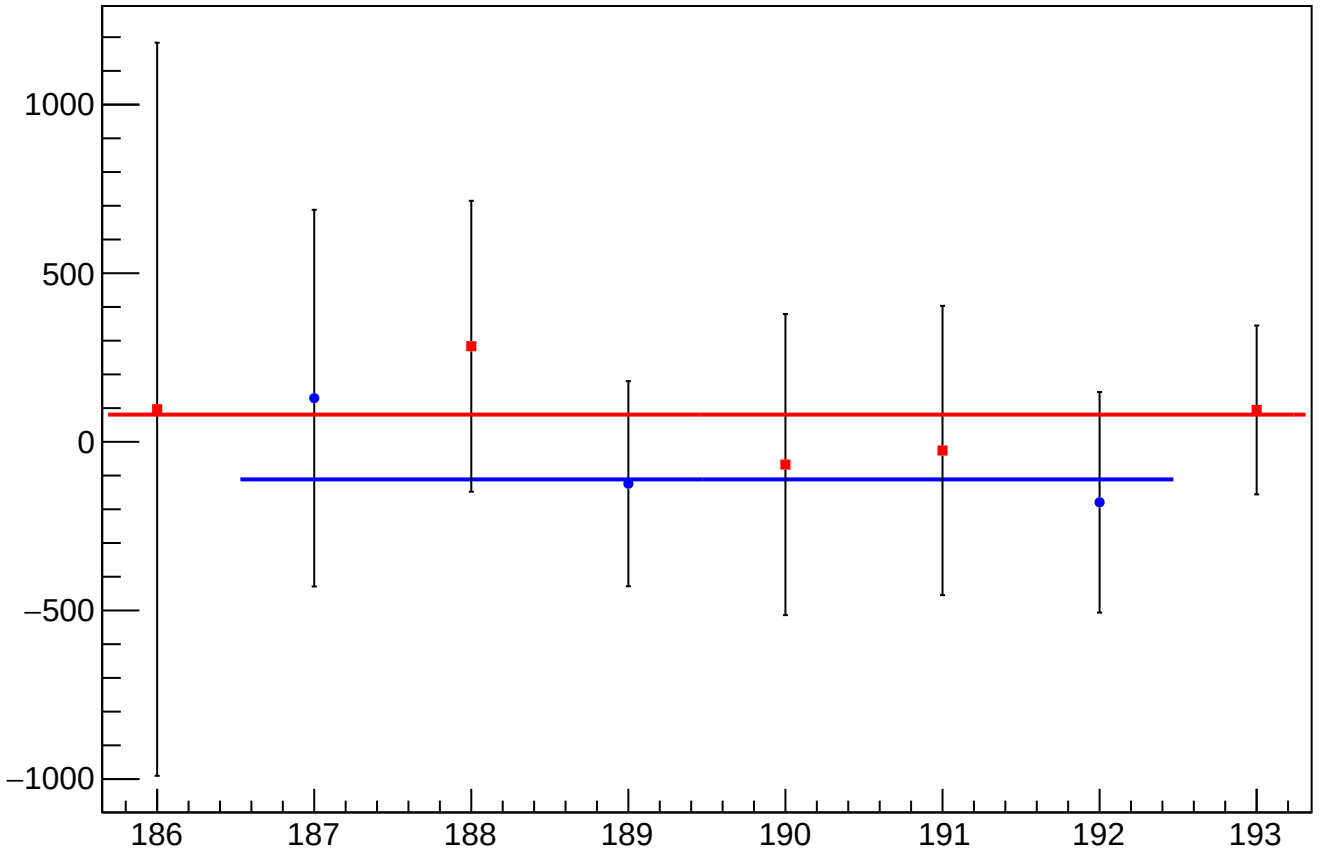
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1516.960+/-0.661 χ^2/NDF: 486309.4/7

In: 1492.848+/-1.044 χ^2/NDF:37815.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1516.960+/-0.661 χ^2/NDF: 486309.4/7



Right In: -111.388+/-206.877 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 80.800+/-175.072 χ^2/NDF: 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

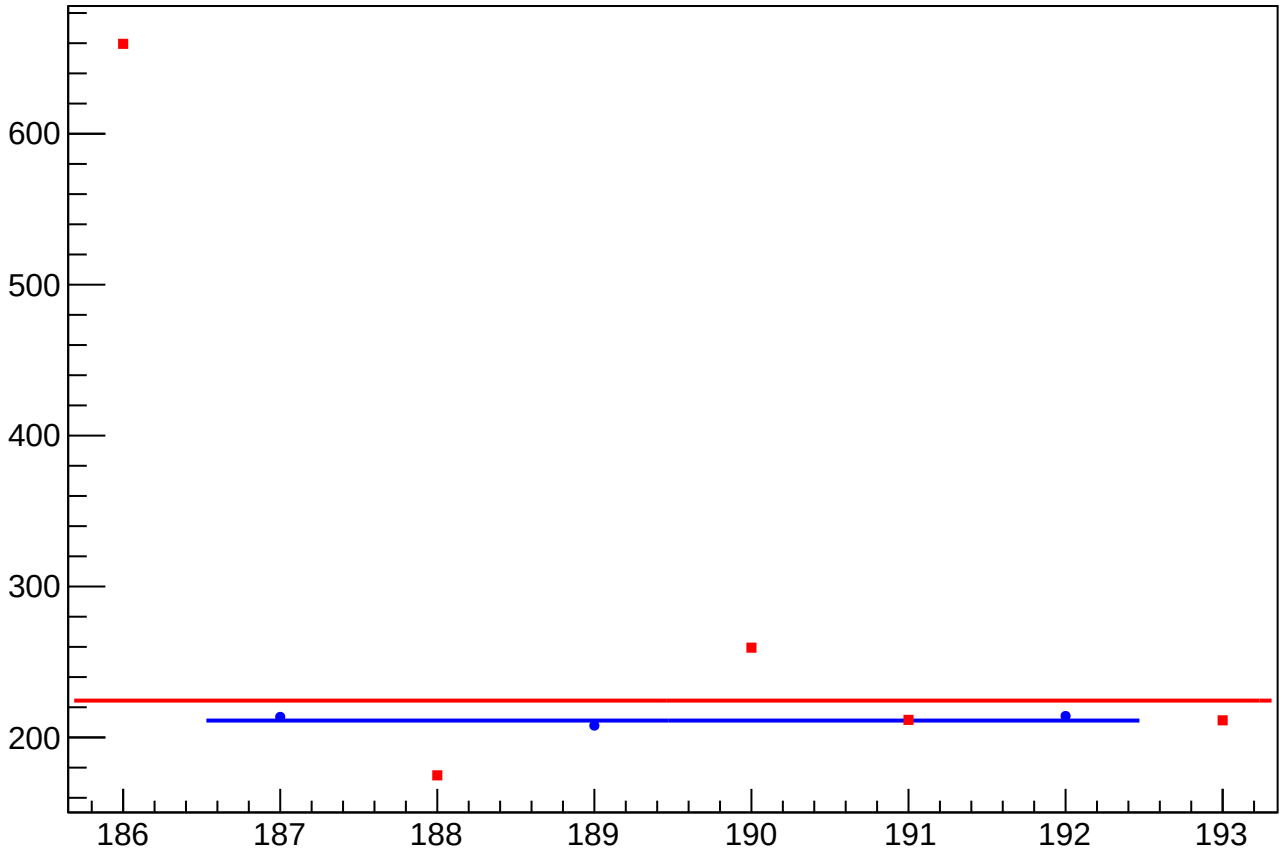
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.599+/-133.641 χ^2/NDF: 1.1/7

In: -111.388+/-206.877 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.599+/-133.641 χ^2/NDF: 1.1/7



Right In: 211.181+/-0.146 χ^2/NDF: 446.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 224.409+/-0.124 χ^2/NDF: 366492.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

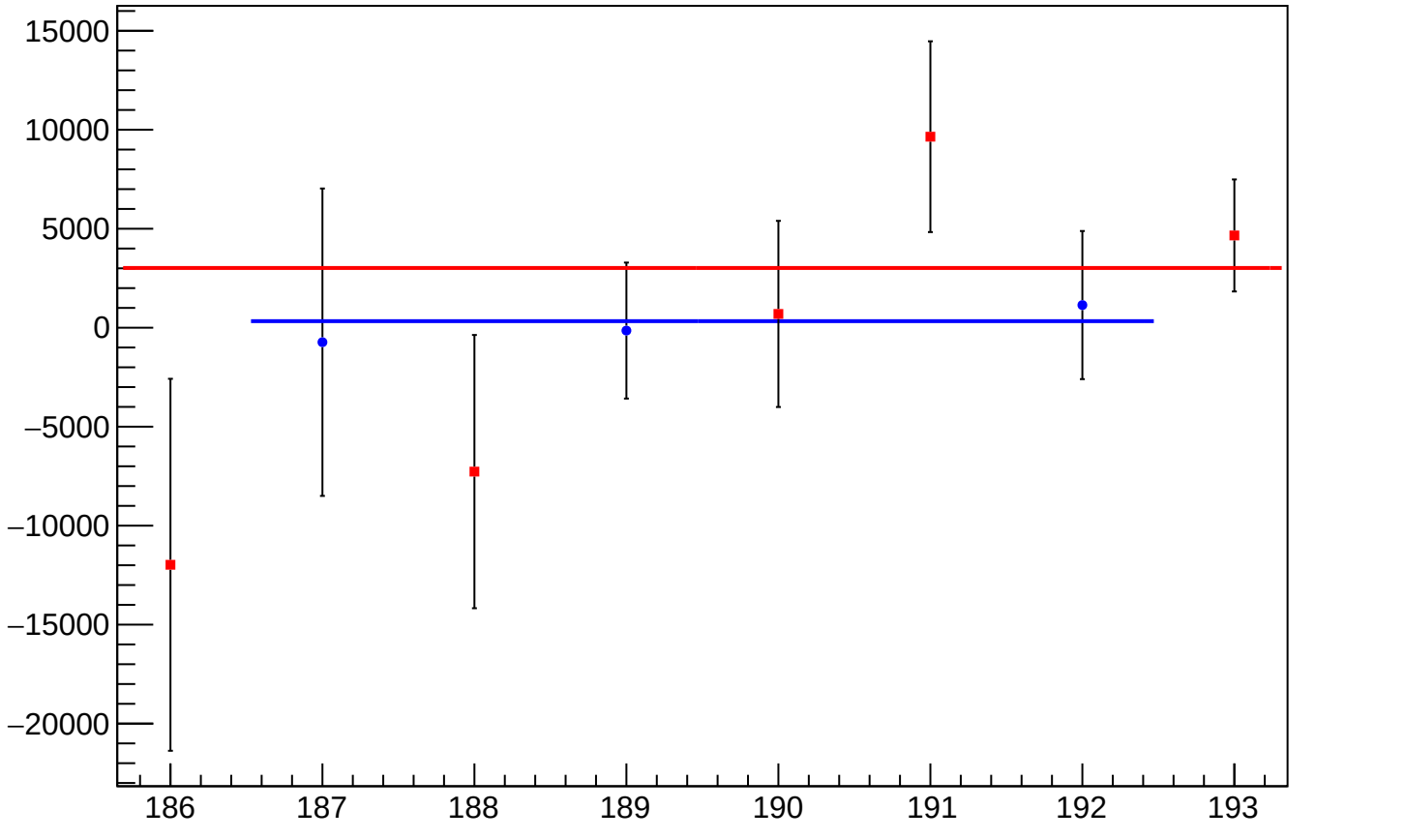
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

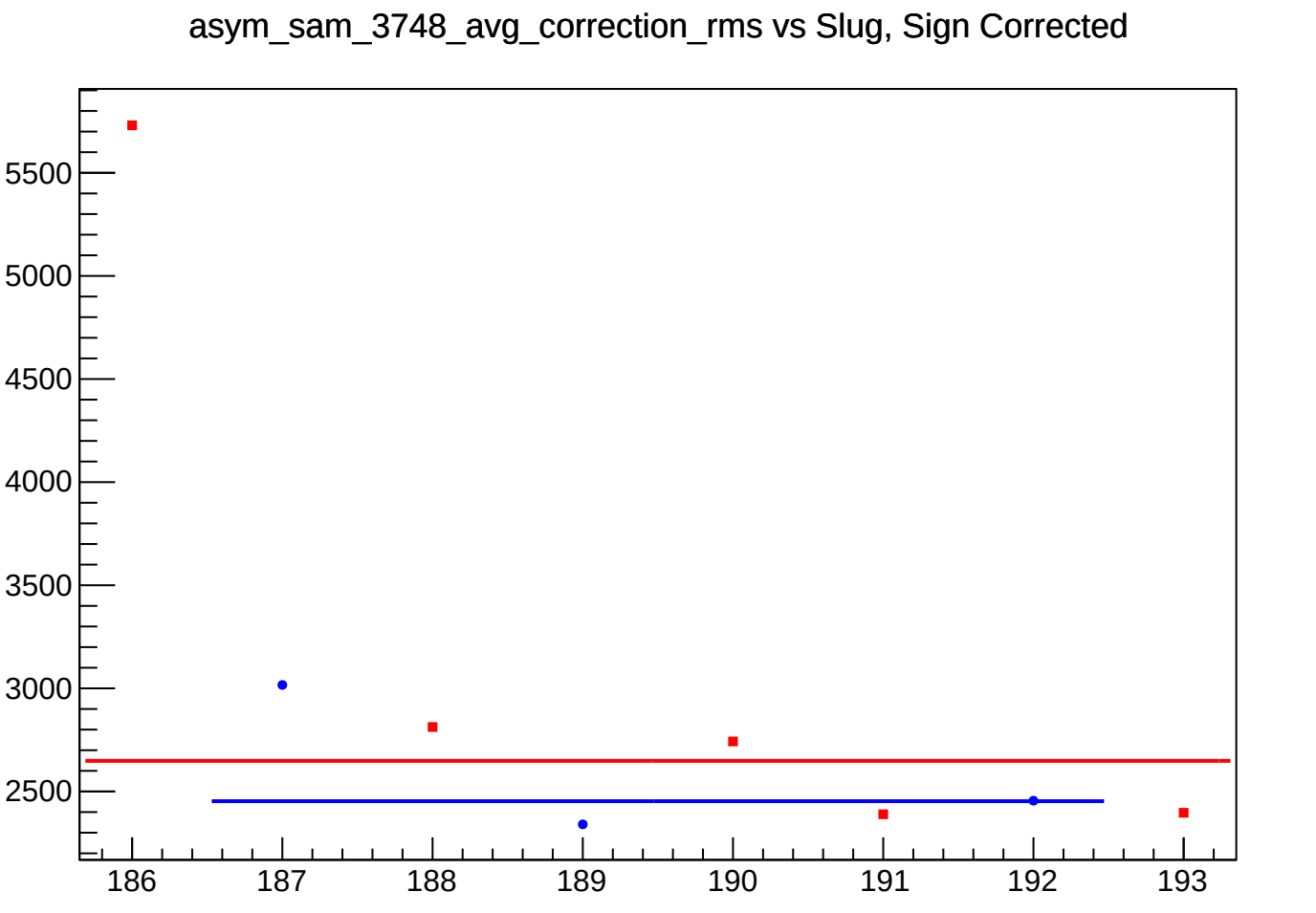
Right: 218.889+/-0.094 χ^2/NDF: 371704.0/7

In: 211.181+/-0.146 χ^2/NDF:446.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 218.889+/-0.094 χ^2/NDF: 371704.0/7


asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected
15000
10000
5000
0
−5000
−10000
−15000
−20000
186
187
188
189
190
191
192
193
Right In: 331.535+/-2405.721 χ²/NDF: 0.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3017.690+/-2018.303 χ²/NDF: 7.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1908.052+/-1546.216 χ²/NDF: 8.1/7
In: 331.535+/-2405.721 χ²/NDF:0.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1908.052+/-1546.216 χ²/NDF: 8.1/7



Right In: 2452.886+/-1.701 χ^2/NDF: 12678.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2648.522+/-1.427 χ^2/NDF: 238691.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

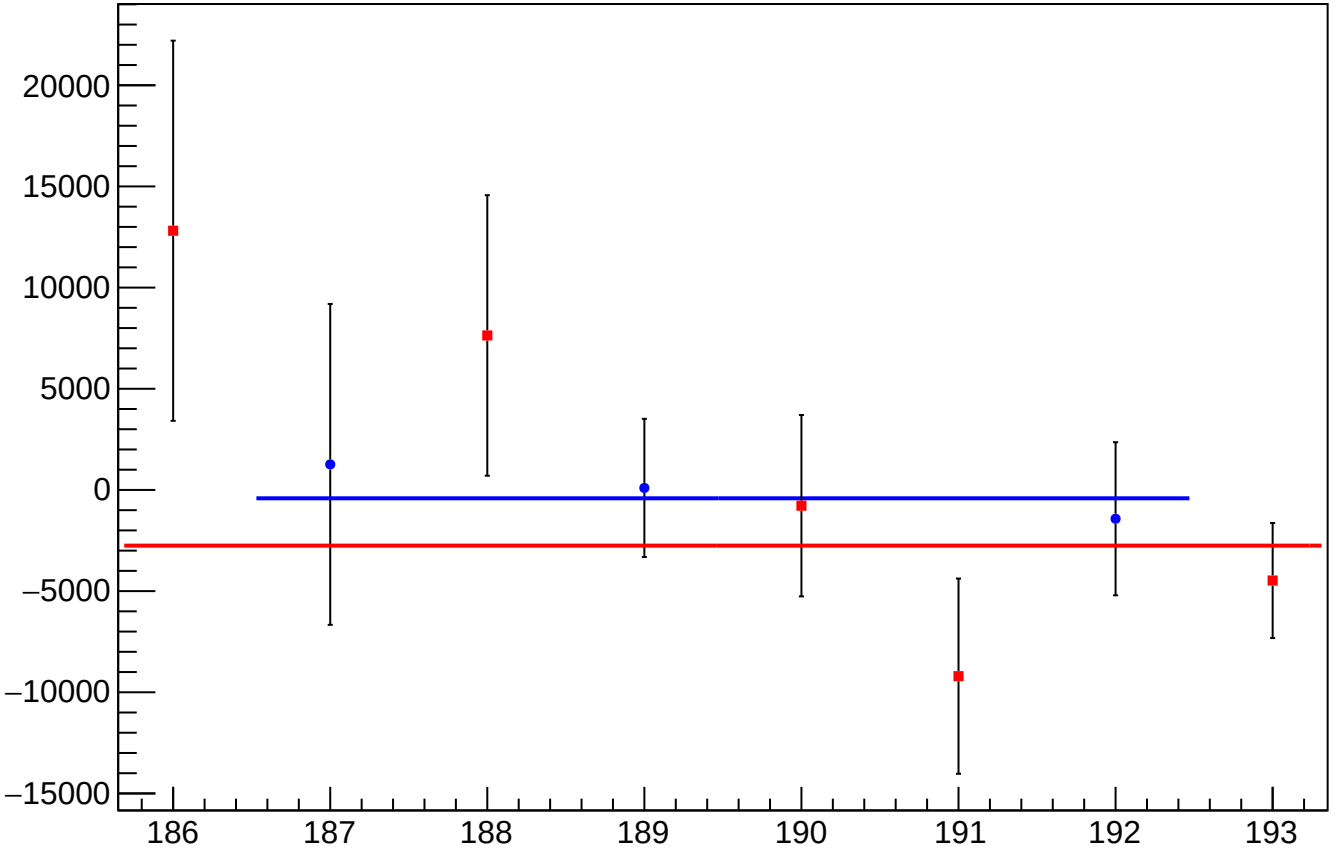
Right: 2567.706+/-1.093 χ^2/NDF: 259133.2/7

In: 2452.886+/-1.701 χ^2/NDF:12678.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2567.706+/-1.093 χ^2/NDF: 259133.2/7

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -413.499+/-2414.839 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2752.711+/-2005.394 χ^2/NDF: 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

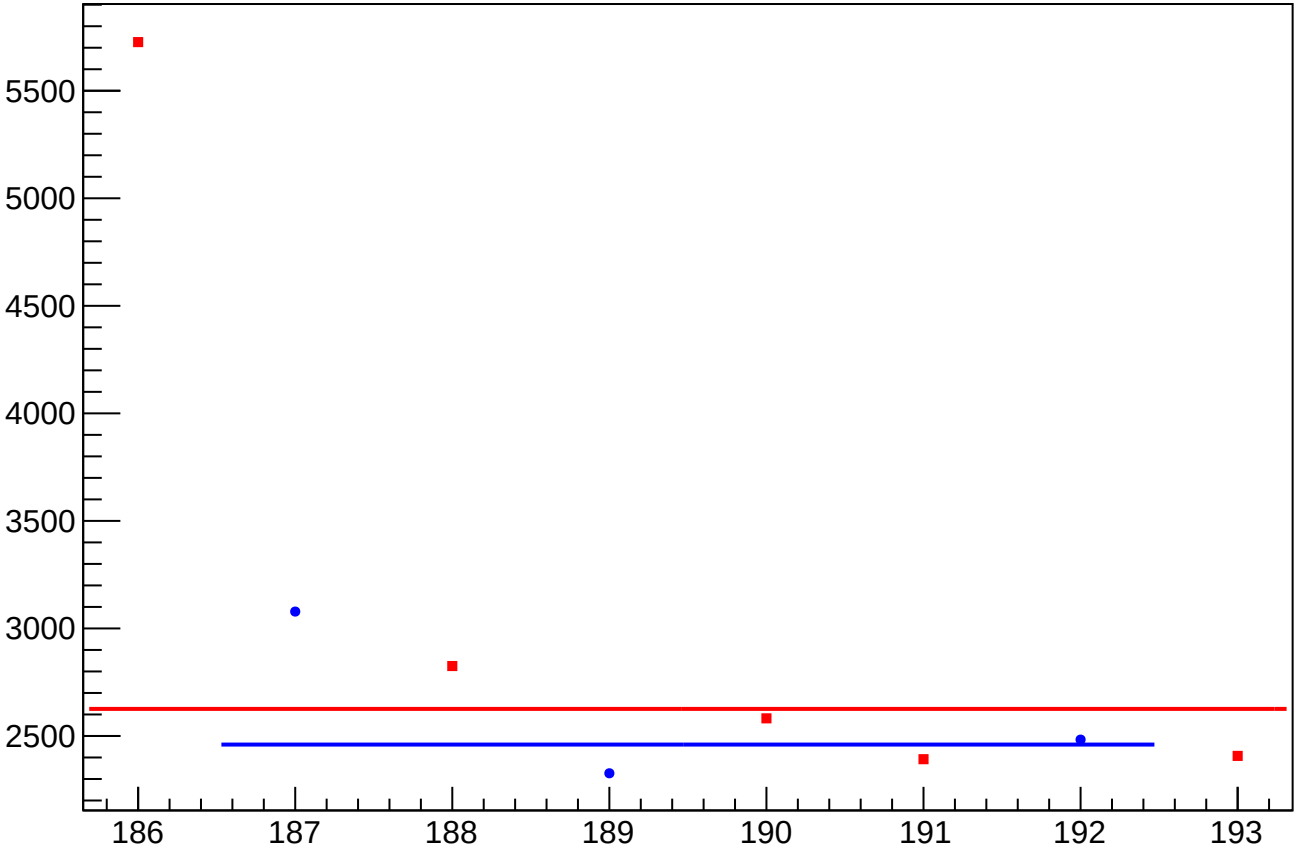
Right: -1797.942+/-1542.775 χ^2/NDF: 8.0/7

In: -413.499+/-2414.839 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1797.942+/-1542.775 χ^2/NDF: 8.0/7

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2460.045+/-1.708 χ^2/NDF: 15294.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2625.907+/-1.418 χ^2/NDF: 236219.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

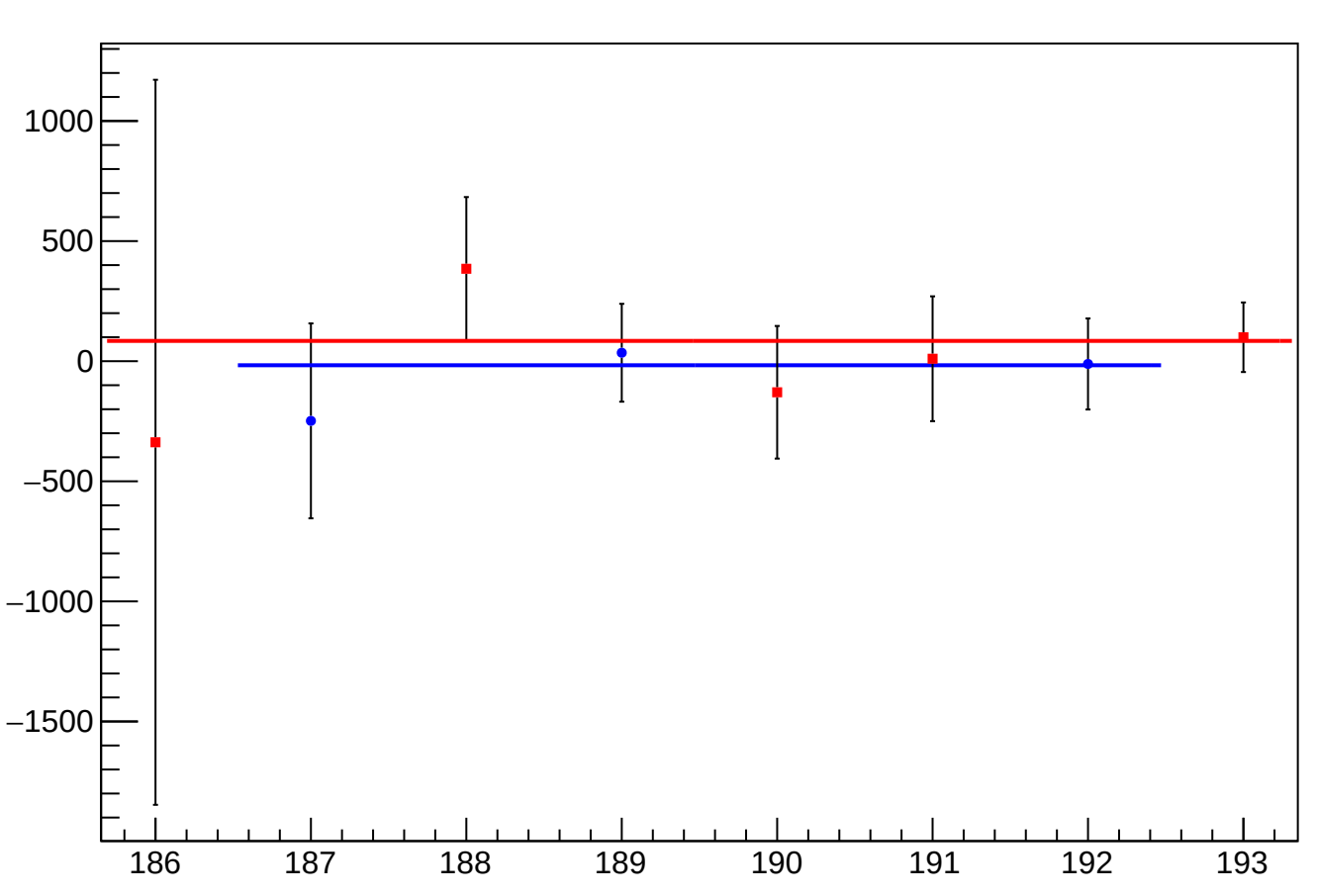
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2558.209+/-1.091 χ^2/NDF: 257097.6/7

In: 2460.045+/-1.708 χ^2/NDF:15294.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2558.209+/-1.091 χ^2/NDF: 257097.6/7



Right In: -16.929+/-131.302 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 84.488+/-107.055 χ^2/NDF: 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

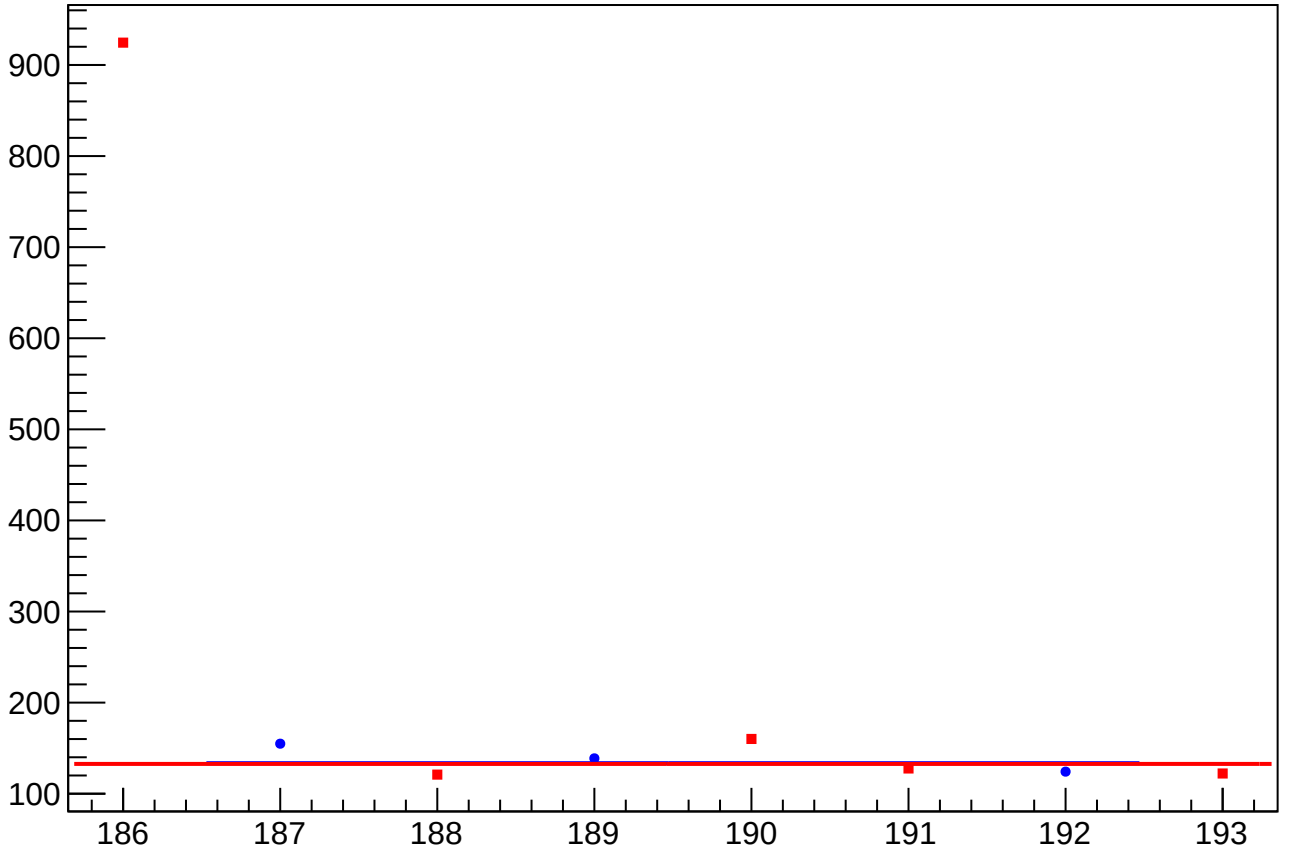
Right: 43.990+/-82.972 χ^2/NDF: 2.5/7

In: -16.929+/-131.302 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 43.990+/-82.972 χ^2/NDF: 2.5/7

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 133.498+/-0.093 χ^2/NDF: 11716.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 132.703+/-0.076 χ^2/NDF: 584545.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

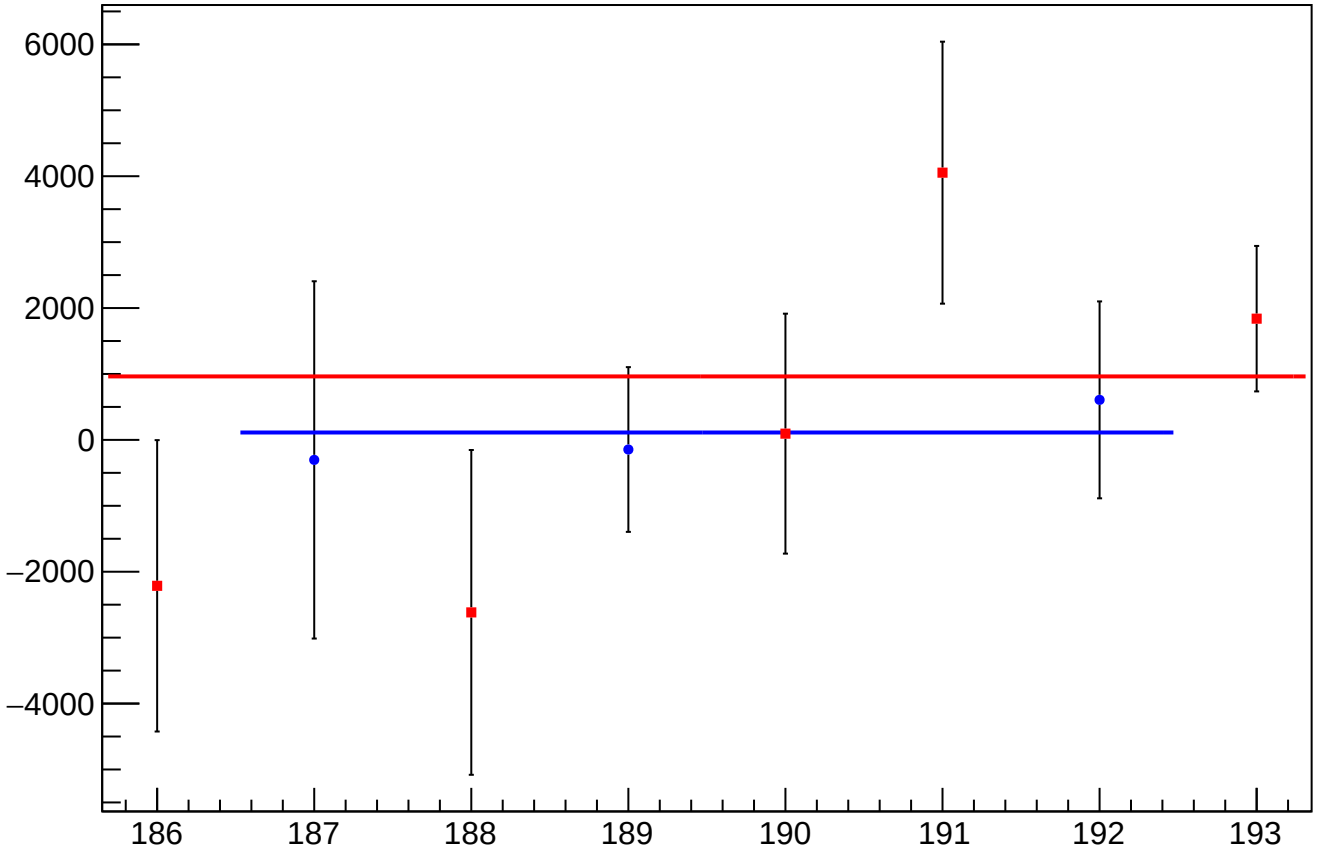
Right: 133.020+/-0.059 χ^2/NDF: 596305.5/7

In: 133.498+/-0.093 χ^2/NDF:11716.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 133.020+/-0.059 χ^2/NDF: 596305.5/7

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 112.137+/-903.549 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 962.817+/-756.812 χ^2/NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

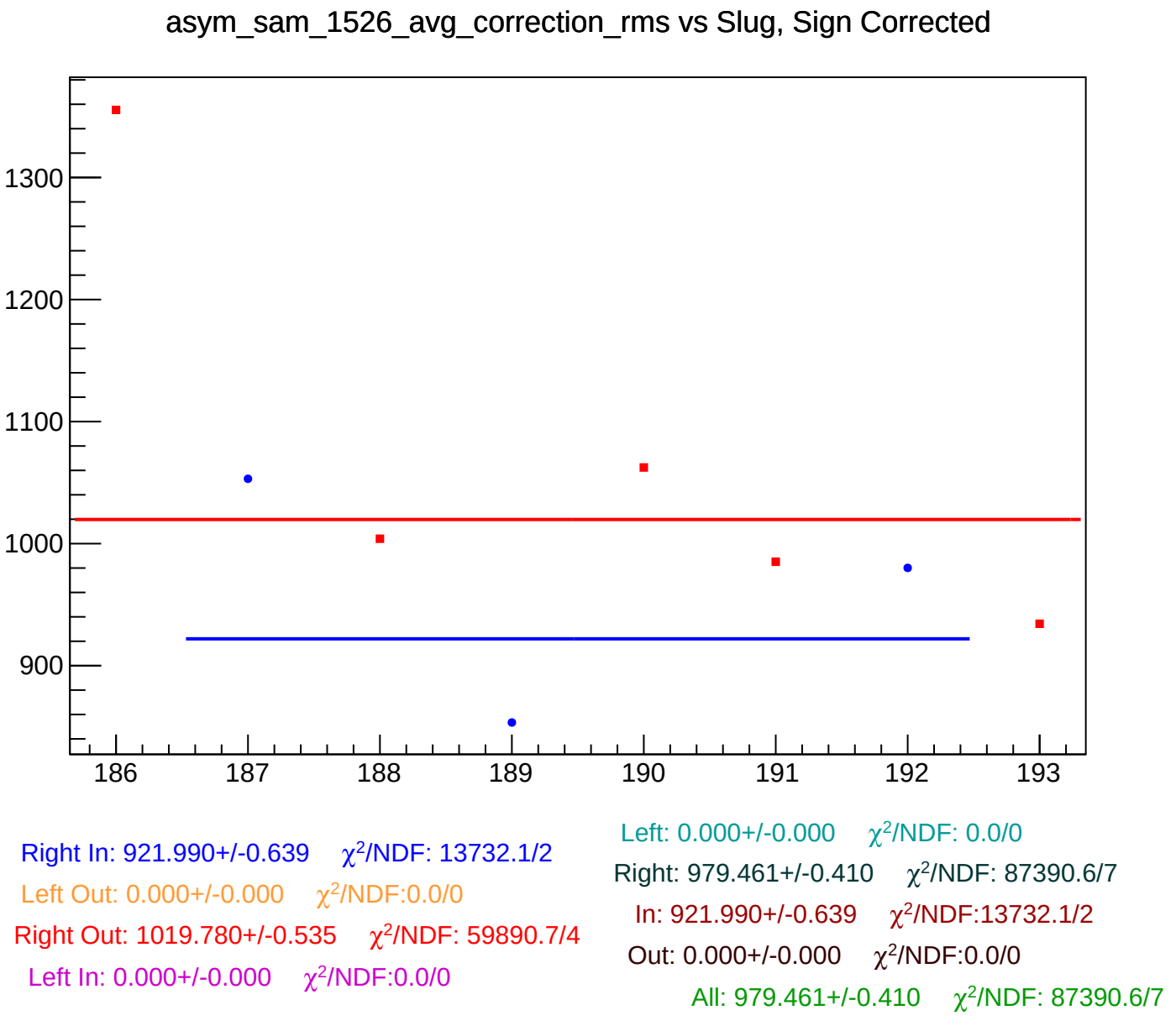
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 612.075+/-580.180 χ^2/NDF: 8.2/7

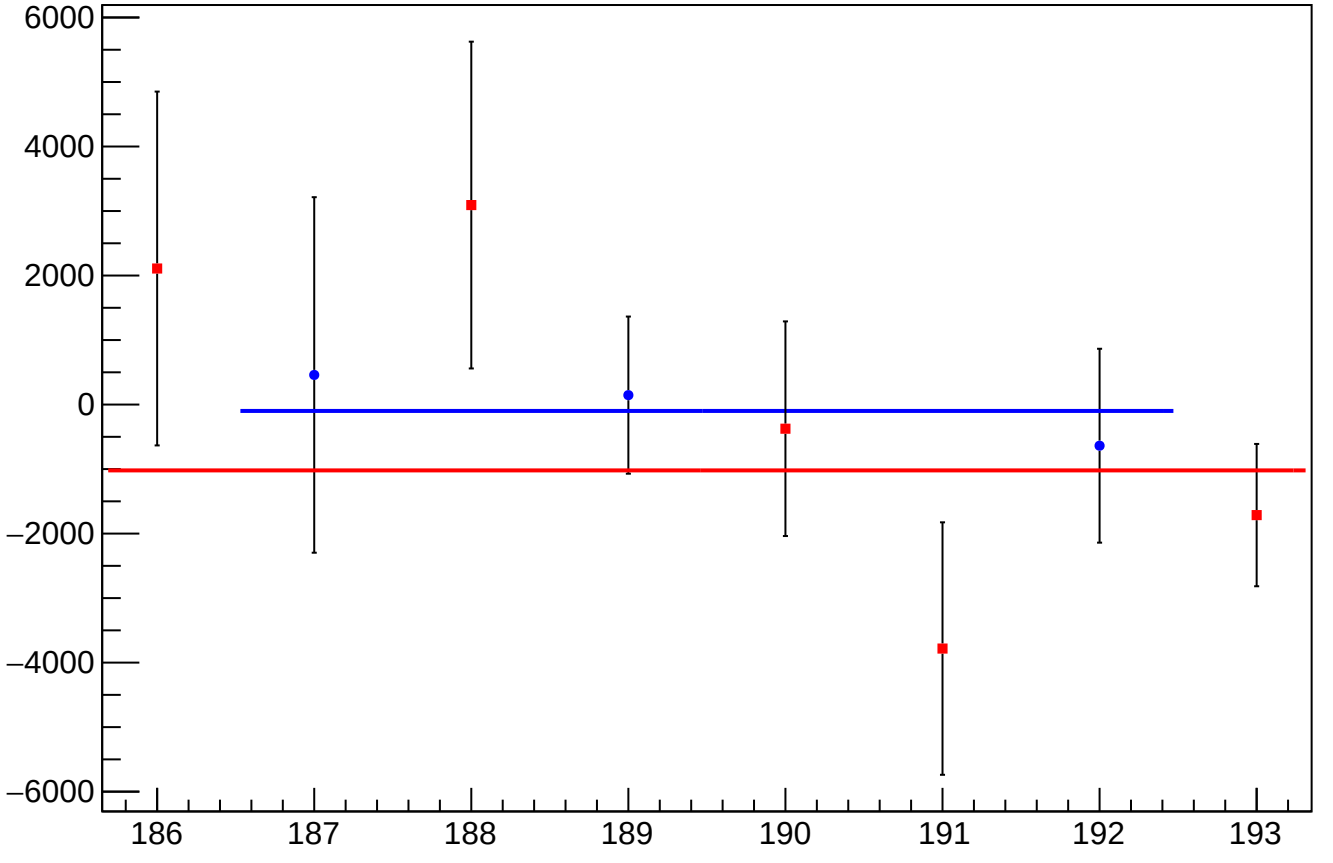
In: 112.137+/-903.549 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 612.075+/-580.180 χ^2/NDF: 8.2/7


asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected
1300
1200
1100
1000
900
186
187
188
189
190
191
192
193
Right In: 921.990+/-0.639 χ2/NDF: 13732.1/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 1019.780+/-0.535 χ2/NDF: 59890.7/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 979.461+/-0.410 χ2/NDF: 87390.6/7
In: 921.990+/-0.639 χ2/NDF:13732.1/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 979.461+/-0.410 χ2/NDF: 87390.6/7

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: -98.770+/-894.884 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1020.488+/-759.572 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

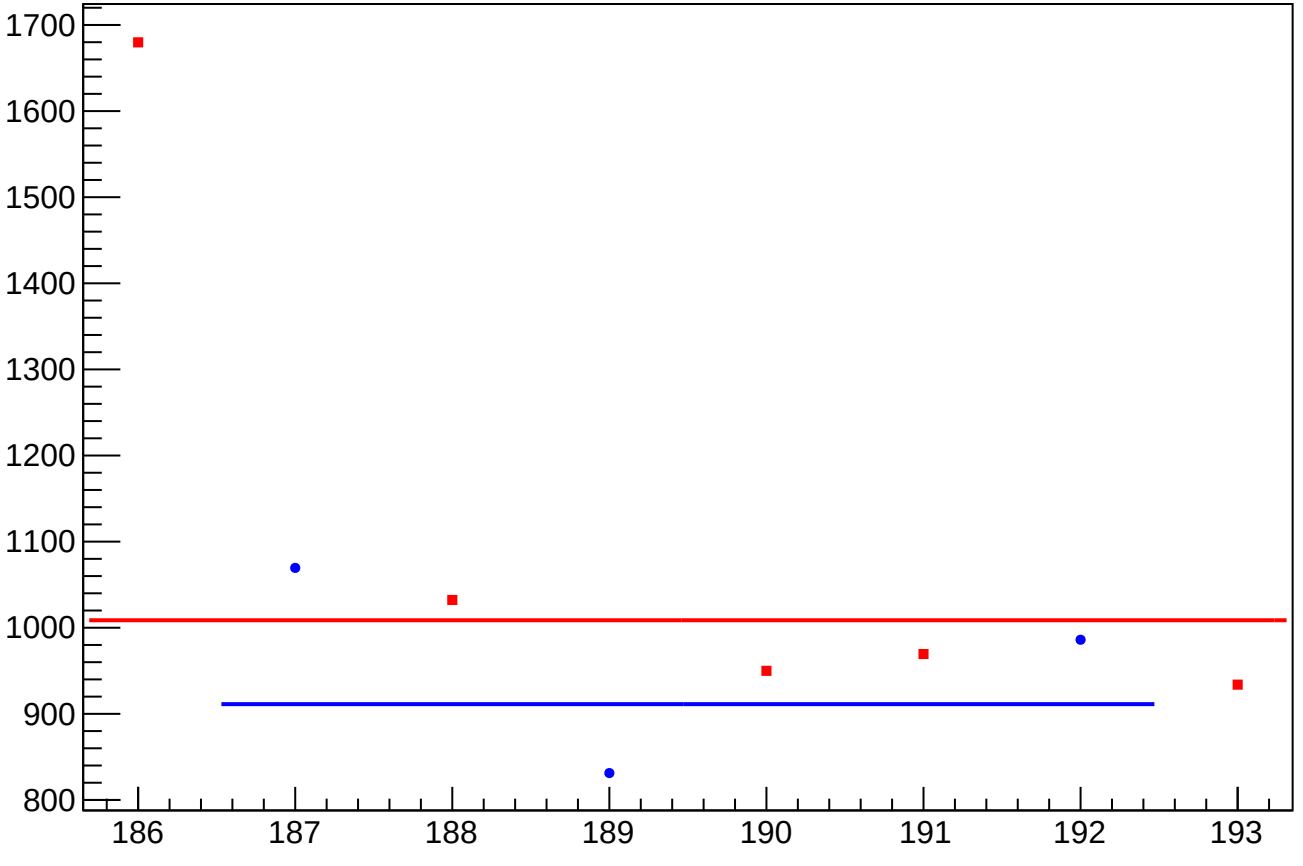
Right: -634.512+/-579.092 χ^2/NDF: 7.3/7

In: -98.770+/-894.884 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -634.512+/-579.092 χ^2/NDF: 7.3/7

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 911.265+/-0.633 χ^2/NDF: 20184.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1008.685+/-0.537 χ^2/NDF: 132445.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

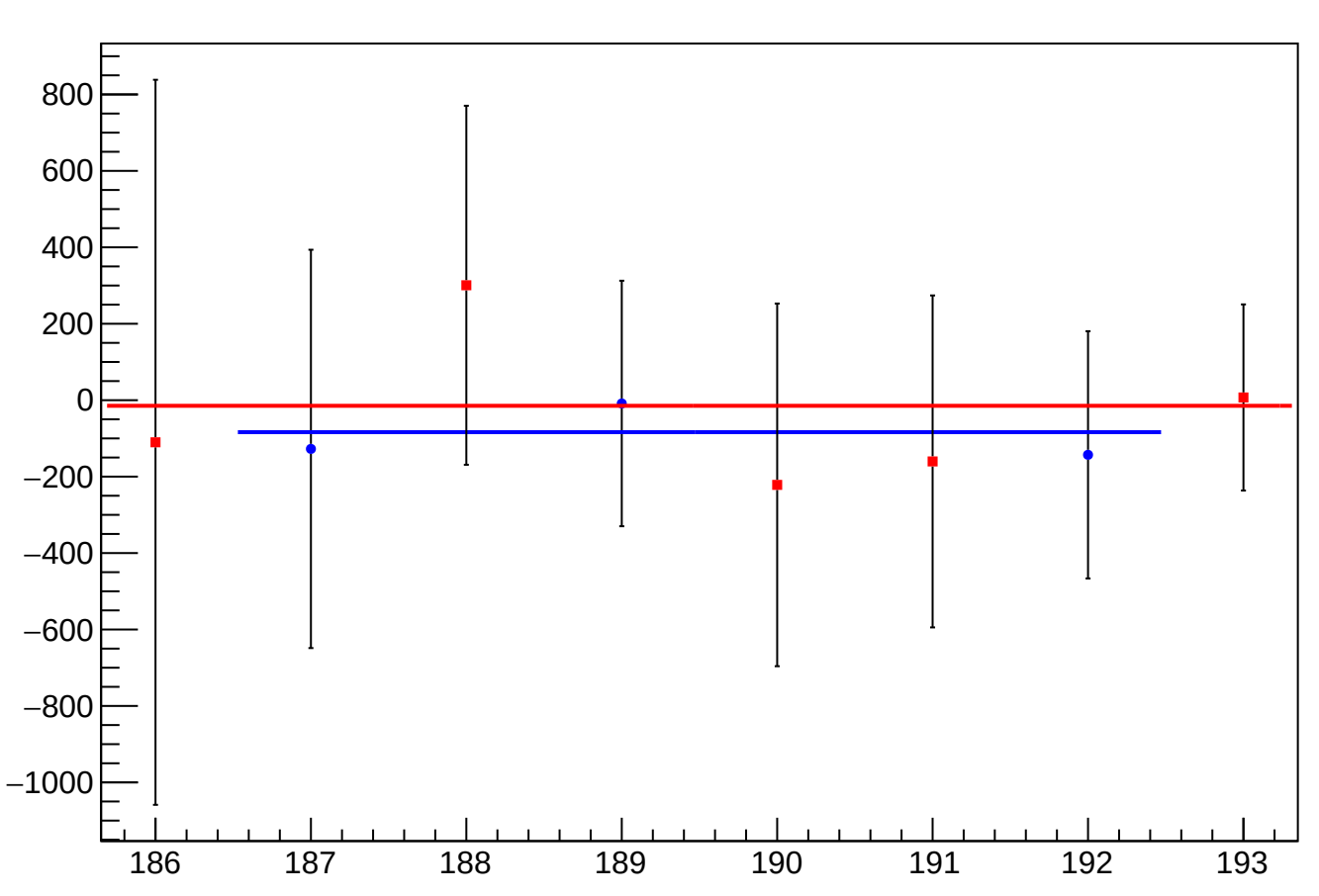
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 967.890+/-0.409 χ^2/NDF: 166406.3/7

In: 911.265+/-0.633 χ^2/NDF:20184.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 967.890+/-0.409 χ^2/NDF: 166406.3/7



Right In: -83.684+/-208.811 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.663+/-176.071 χ^2/NDF: 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

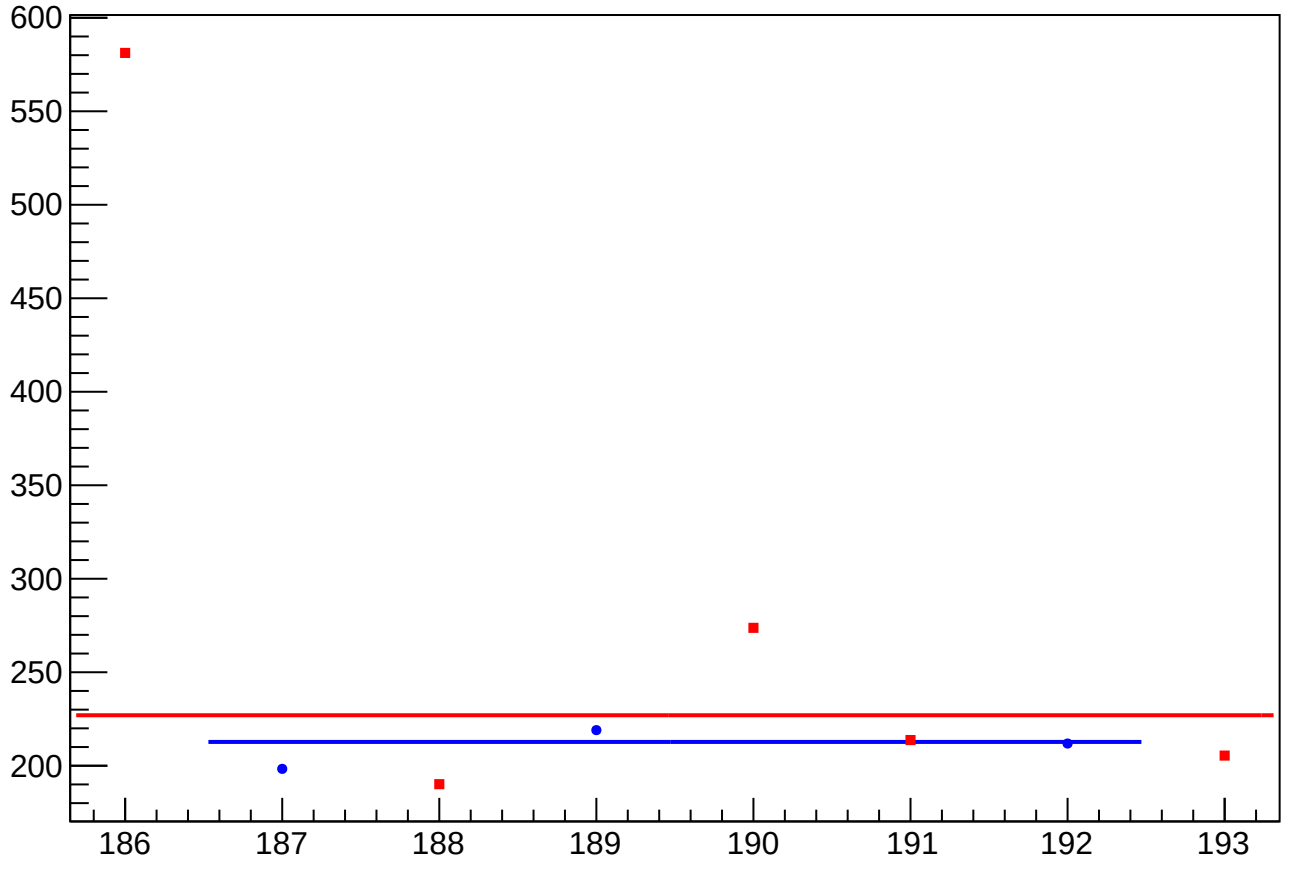
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

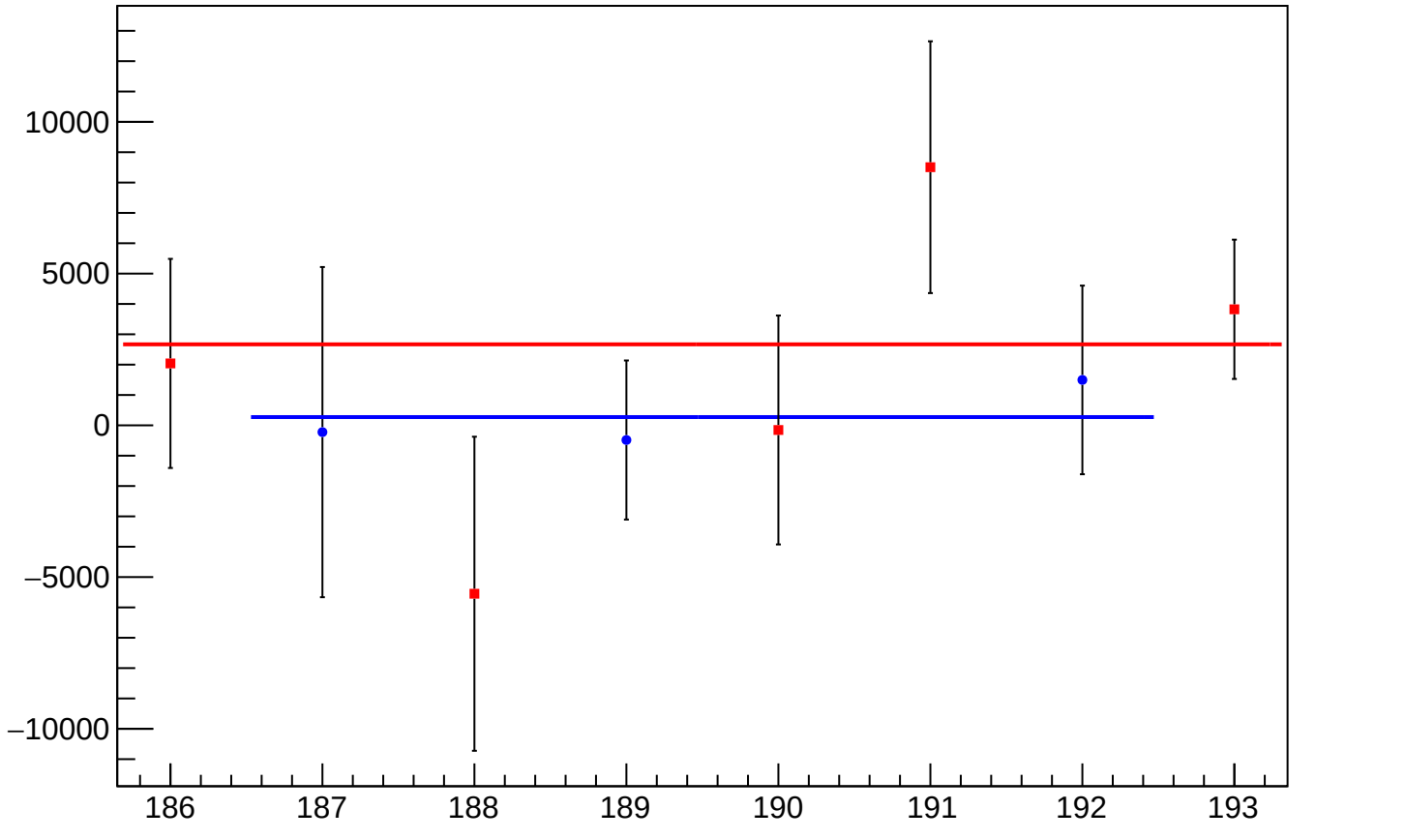
Right: -43.344+/-134.606 χ^2/NDF: 0.9/7

In: -83.684+/-208.811 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -43.344+/-134.606 χ^2/NDF: 0.9/7


dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected
600
550
500
450
400
350
300
250
200
186
187
188
189
190
191
192
193
Right In: 212.733+/-0.148 χ²/NDF: 2316.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 227.005+/-0.125 χ²/NDF: 328201.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 221.074+/-0.095 χ²/NDF: 335978.3/7
In: 212.733+/-0.148 χ²/NDF:2316.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 221.074+/-0.095 χ²/NDF: 335978.3/7



Right In: 271.817+/-1879.915 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2668.830+/-1507.657 χ^2/NDF: 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

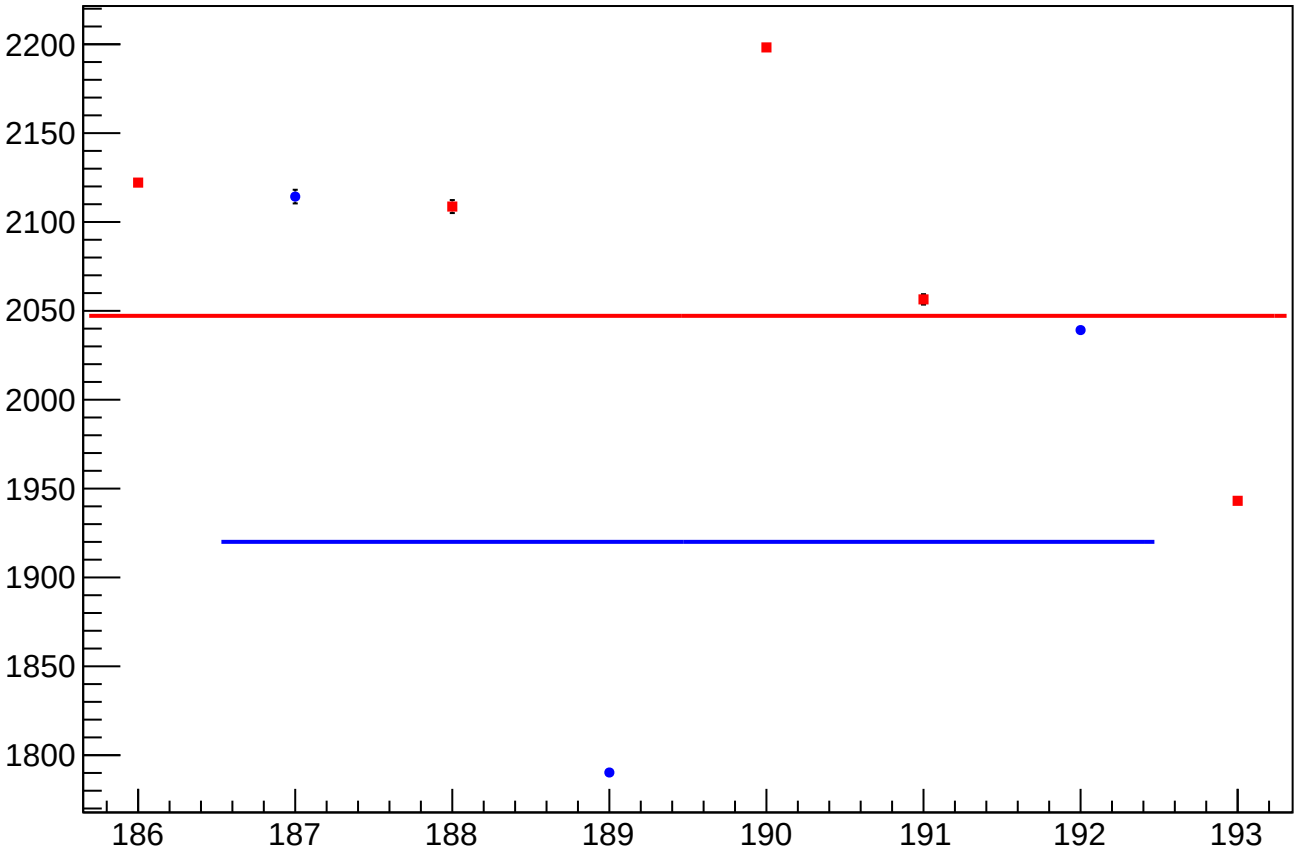
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1730.587+/-1176.145 χ^2/NDF: 6.6/7

In: 271.817+/-1879.915 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1730.587+/-1176.145 χ^2/NDF: 6.6/7



Right In: 1920.031+/-1.329 χ^2/NDF: 10395.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2047.197+/-1.066 χ^2/NDF: 8561.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

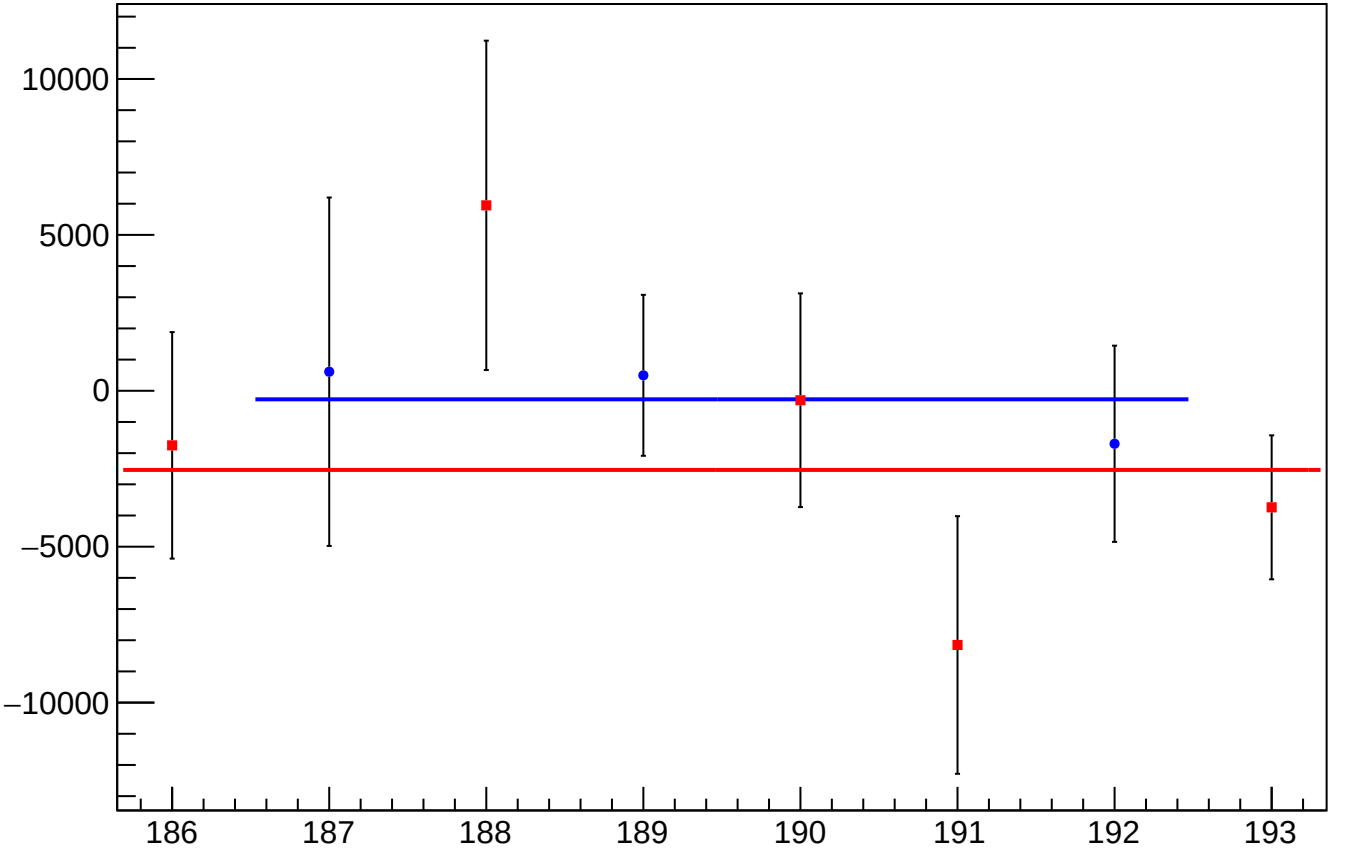
Right: 1997.422+/-0.832 χ^2/NDF: 24527.1/7

In: 1920.031+/-1.329 χ^2/NDF:10395.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1997.422+/-0.832 χ^2/NDF: 24527.1/7

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -273.822+/-1879.318 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2537.674+/-1502.372 χ^2/NDF: 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

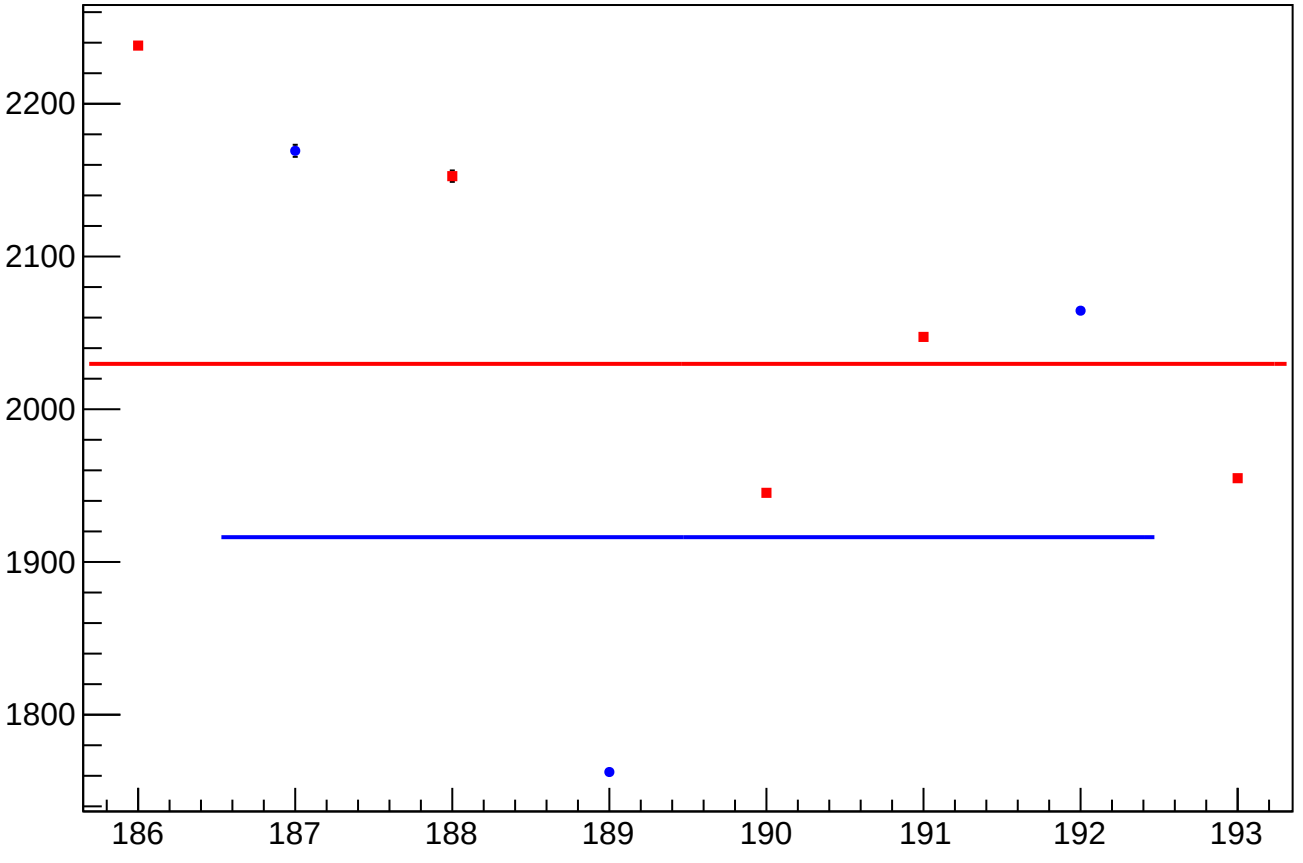
Right: -1654.995+/-1173.485 χ^2/NDF: 6.4/7

In: -273.822+/-1879.318 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1654.995+/-1173.485 χ^2/NDF: 6.4/7

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1916.239+/-1.329 χ^2/NDF: 15639.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2029.712+/-1.062 χ^2/NDF: 11019.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

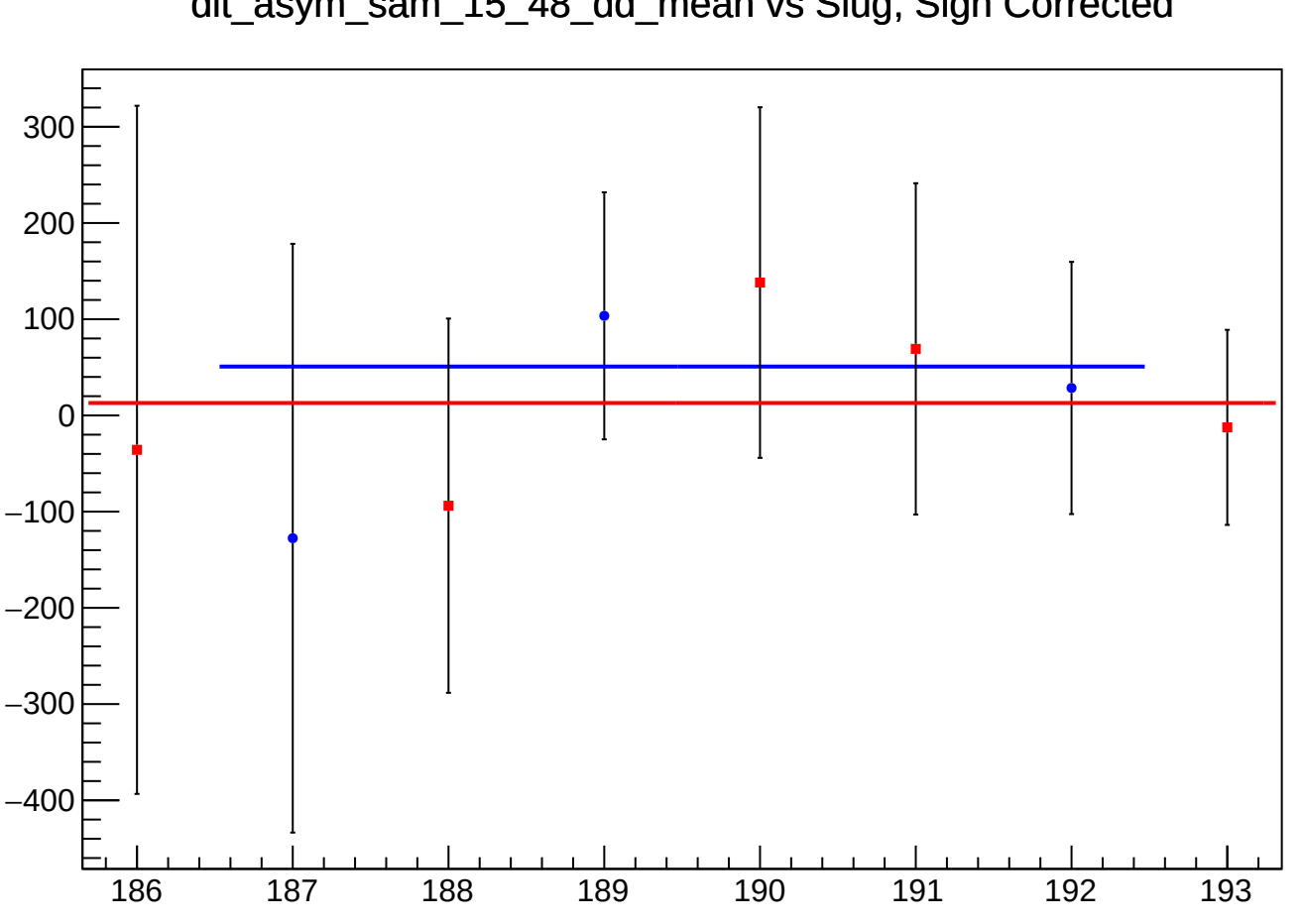
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1985.469+/-0.830 χ^2/NDF: 31107.8/7

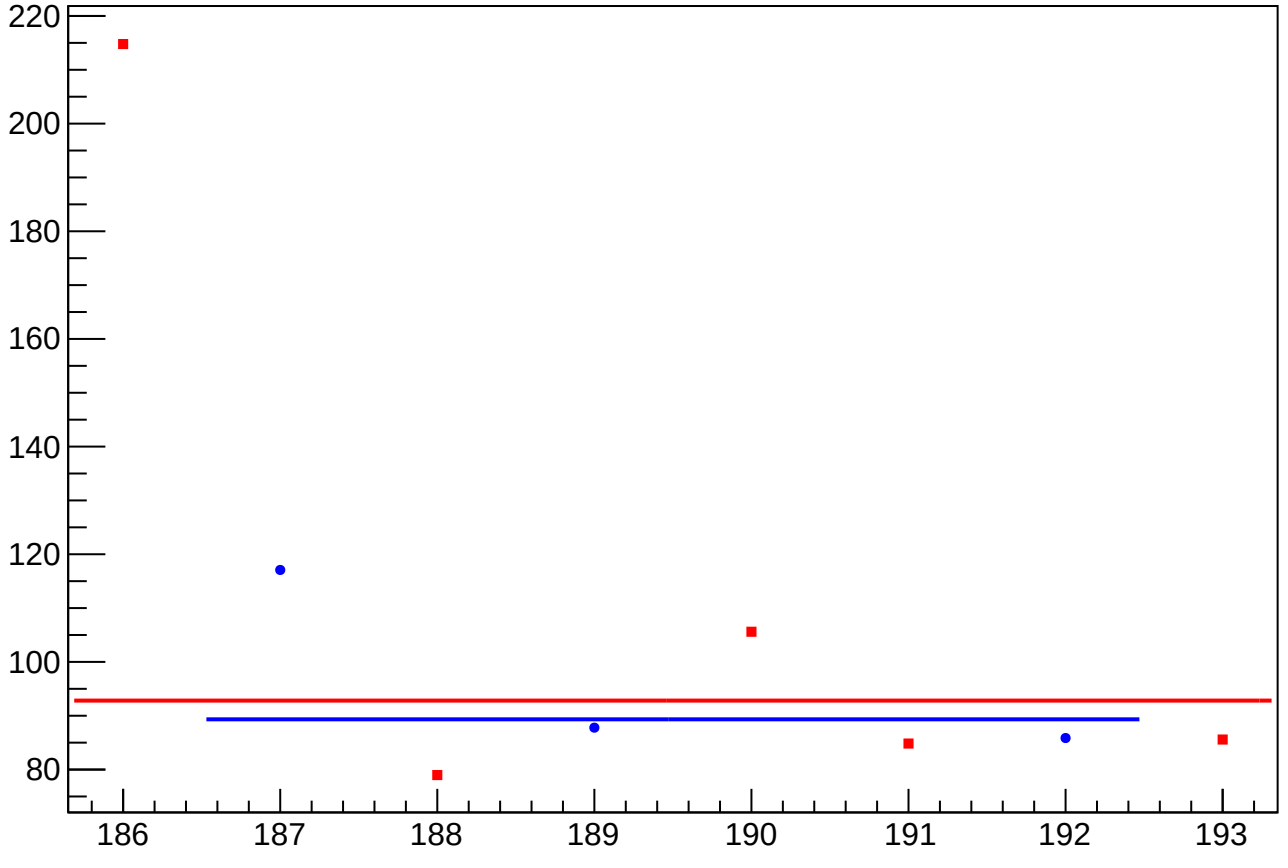
In: 1916.239+/-1.329 χ^2/NDF:15639.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1985.469+/-0.830 χ^2/NDF: 31107.8/7


dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected
300
200
100
0
−100
−200
−300
−400
186
187
188
189
190
191
192
193
Right In: 50.778+/-87.849 χ²/NDF: 0.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 12.923+/-71.534 χ²/NDF: 1.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 28.016+/-55.470 χ²/NDF: 1.6/7
In: 50.778+/-87.849 χ²/NDF:0.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 28.016+/-55.470 χ²/NDF: 1.6/7

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 89.334+/-0.062 χ^2/NDF: 18151.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 92.814+/-0.051 χ^2/NDF: 267139.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

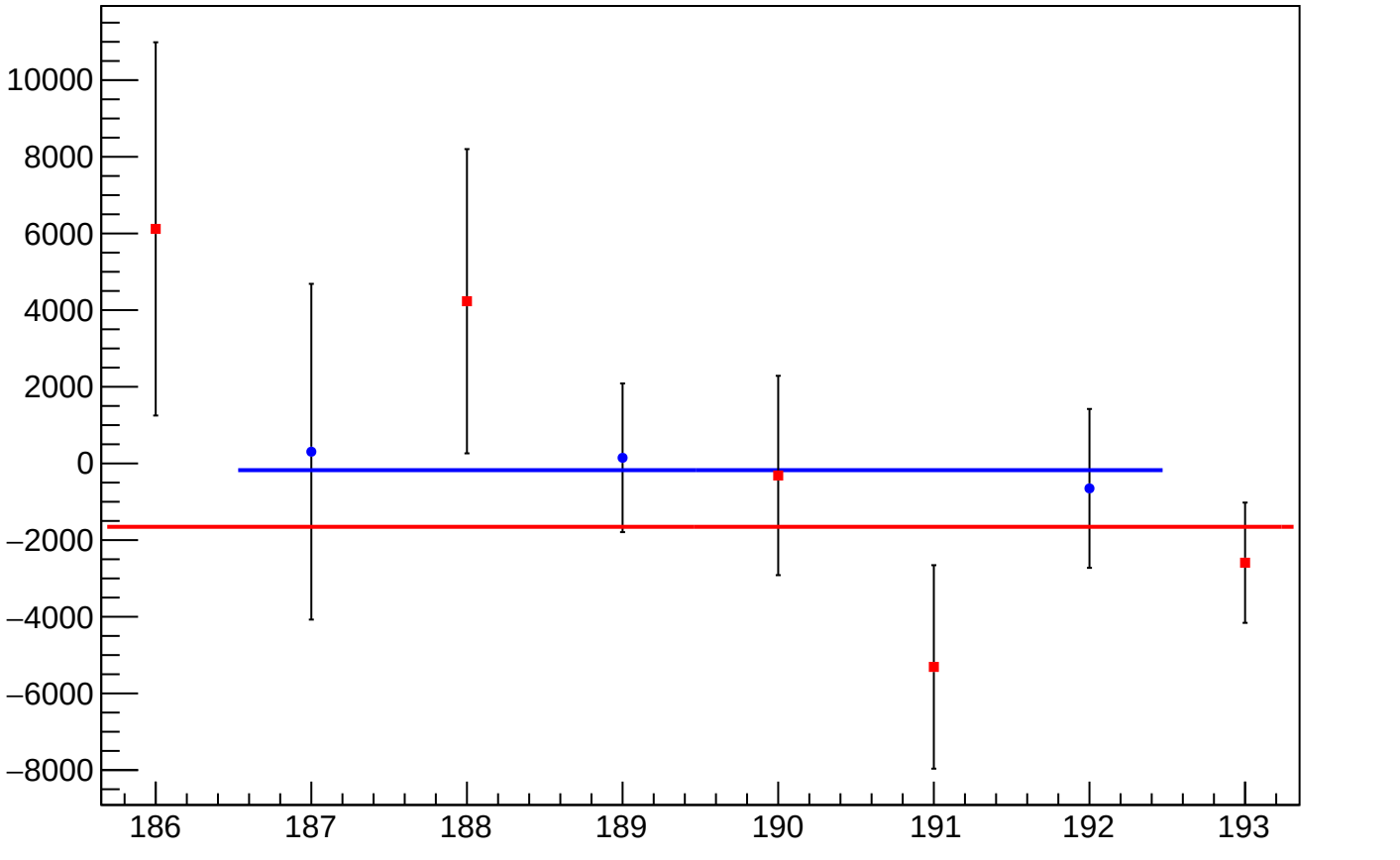
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 91.426+/-0.039 χ^2/NDF: 287178.5/7

In: 89.334+/-0.062 χ^2/NDF:18151.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 91.426+/-0.039 χ^2/NDF: 287178.5/7



Right In: -175.133+/-1347.500 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1653.243+/-1116.785 χ^2/NDF: 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

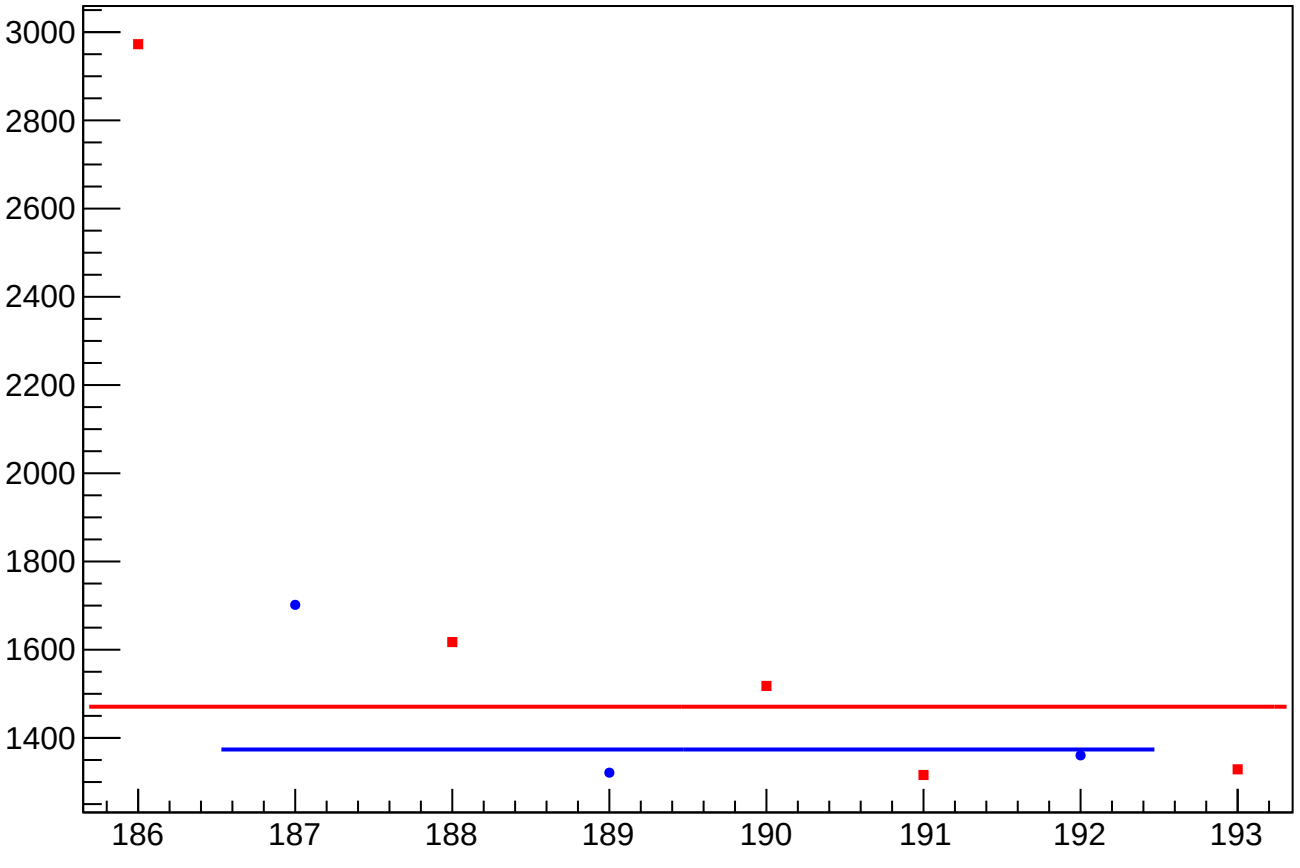
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1051.371+/-859.859 χ^2/NDF: 8.1/7

In: -175.133+/-1347.500 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1051.371+/-859.859 χ^2/NDF: 8.1/7



Right In: 1373.804+/-0.953 χ^2/NDF: 12765.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1470.770+/-0.790 χ^2/NDF: 216856.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

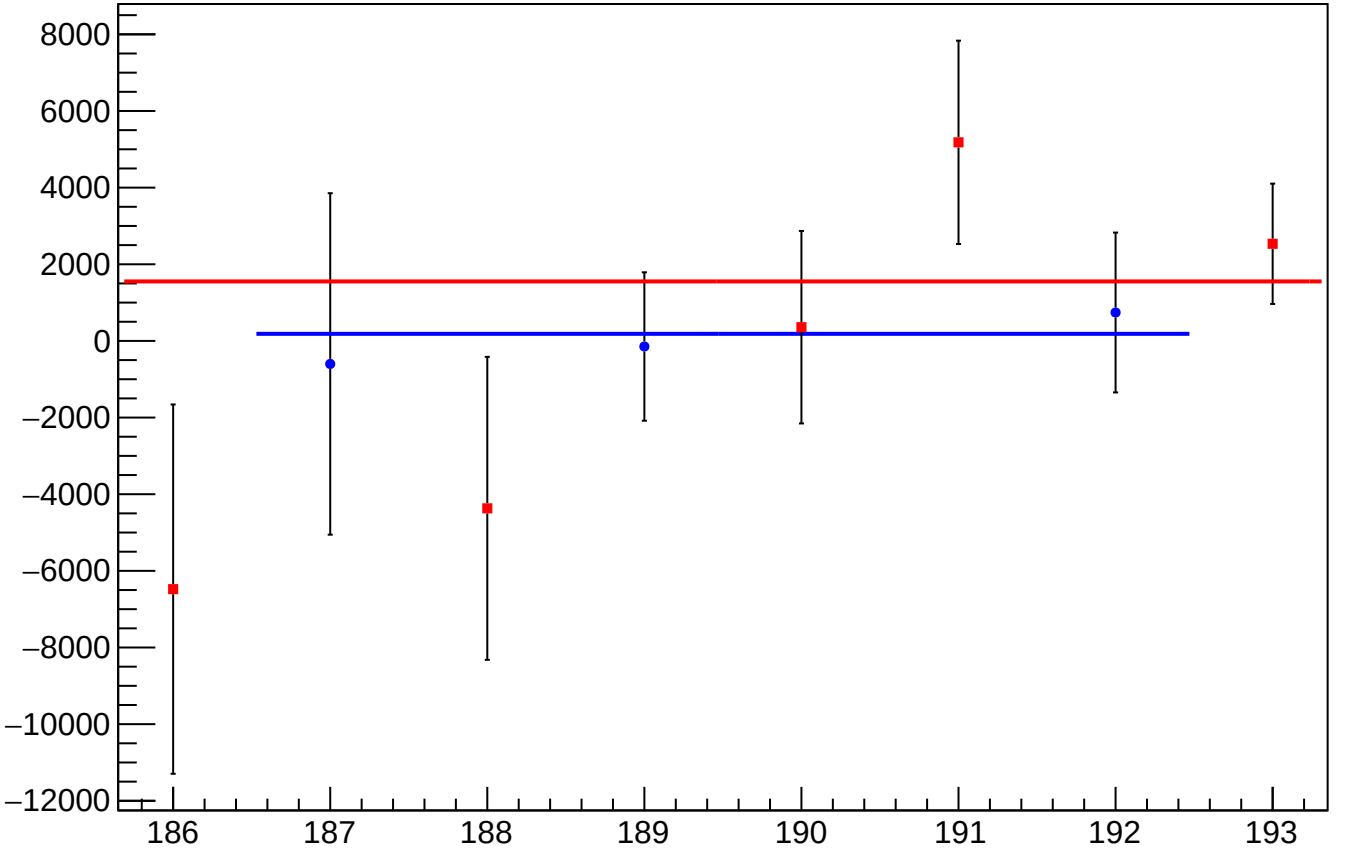
Right: 1431.286+/-0.608 χ^2/NDF: 235761.5/7

In: 1373.804+/-0.953 χ^2/NDF:12765.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1431.286+/-0.608 χ^2/NDF: 235761.5/7

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 185.138+/-1352.179 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1552.551+/-1108.789 χ^2/NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

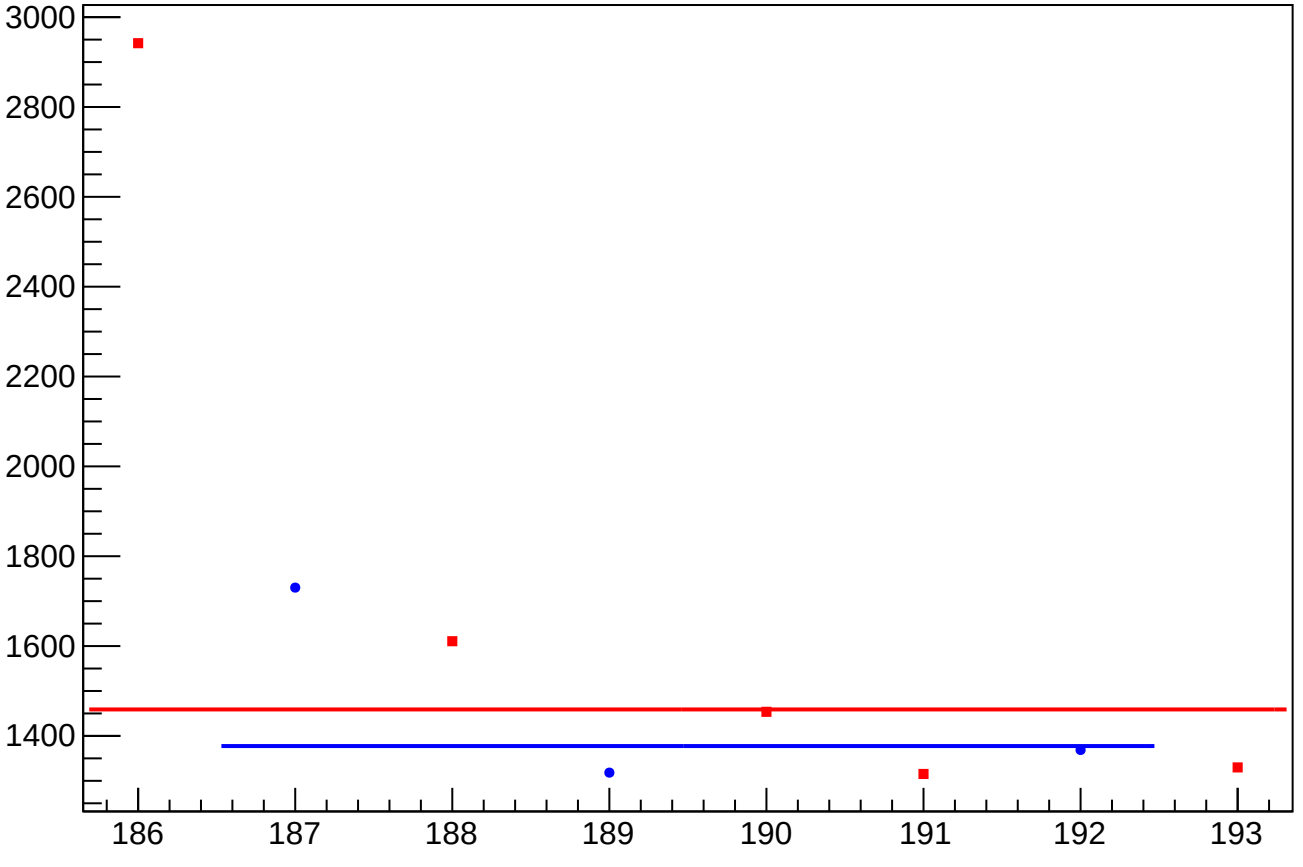
Right: 1002.772+/-857.390 χ^2/NDF: 8.3/7

In: 185.138+/-1352.179 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1002.772+/-857.390 χ^2/NDF: 8.3/7

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1377.405+/-0.956 χ^2/NDF: 14437.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1458.917+/-0.784 χ^2/NDF: 211800.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

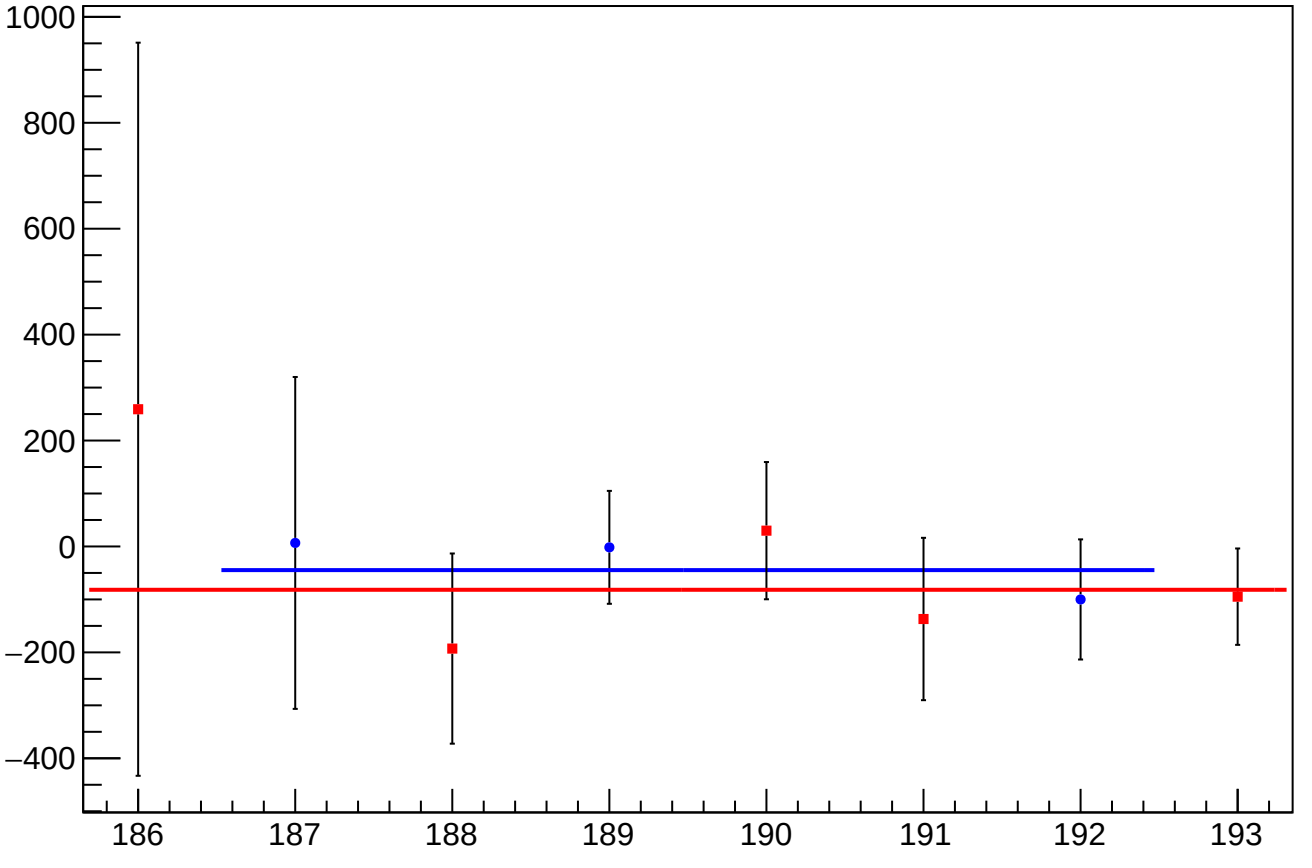
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1426.145+/-0.606 χ^2/NDF: 230583.0/7

In: 1377.405+/-0.956 χ^2/NDF:14437.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1426.145+/-0.606 χ^2/NDF: 230583.0/7



Right In: -44.657+/-75.397 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -81.808+/-62.502 χ^2/NDF: 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

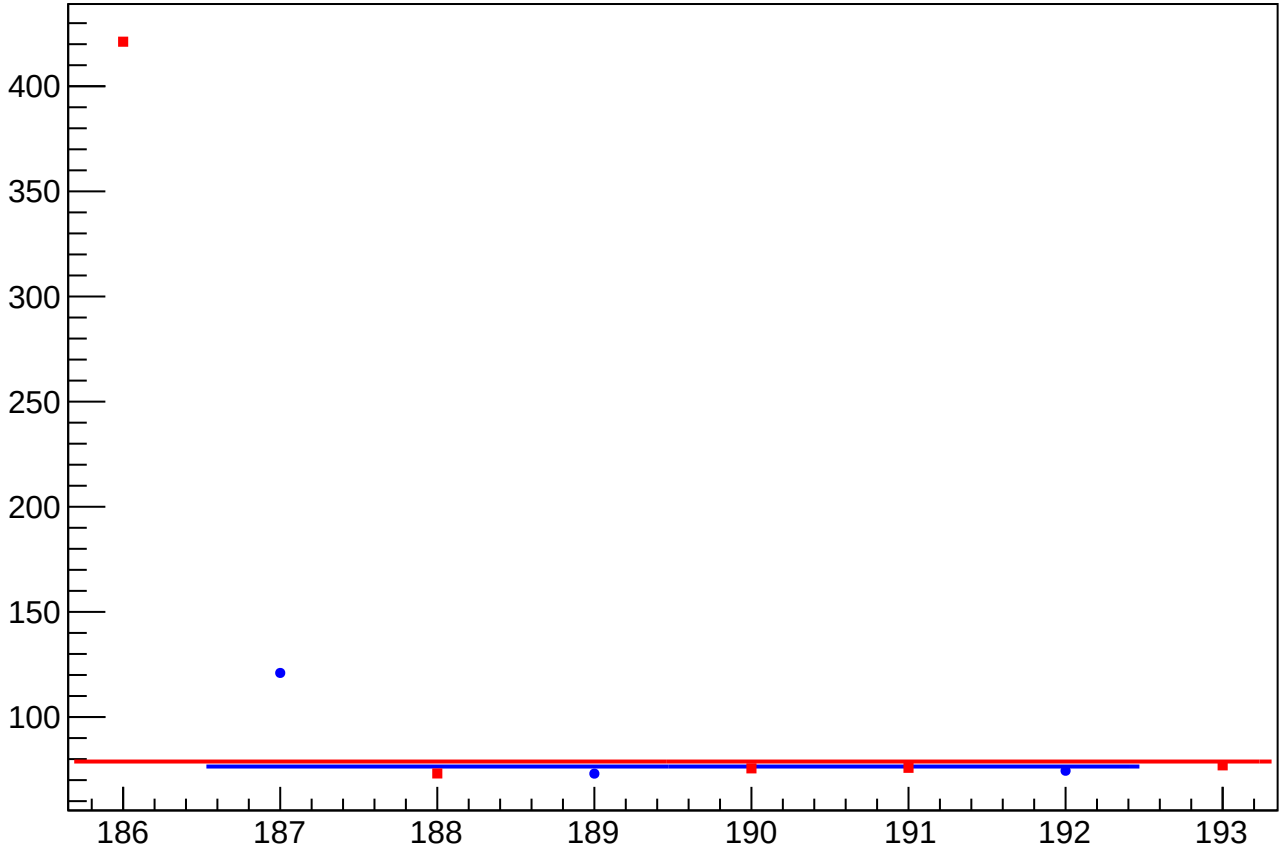
Right: -66.676+/-48.118 χ^2/NDF: 2.1/7

In: -44.657+/-75.397 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -66.676+/-48.118 χ^2/NDF: 2.1/7

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 76.459+/-0.053 χ^2/NDF: 42999.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 78.839+/-0.044 χ^2/NDF: 494033.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

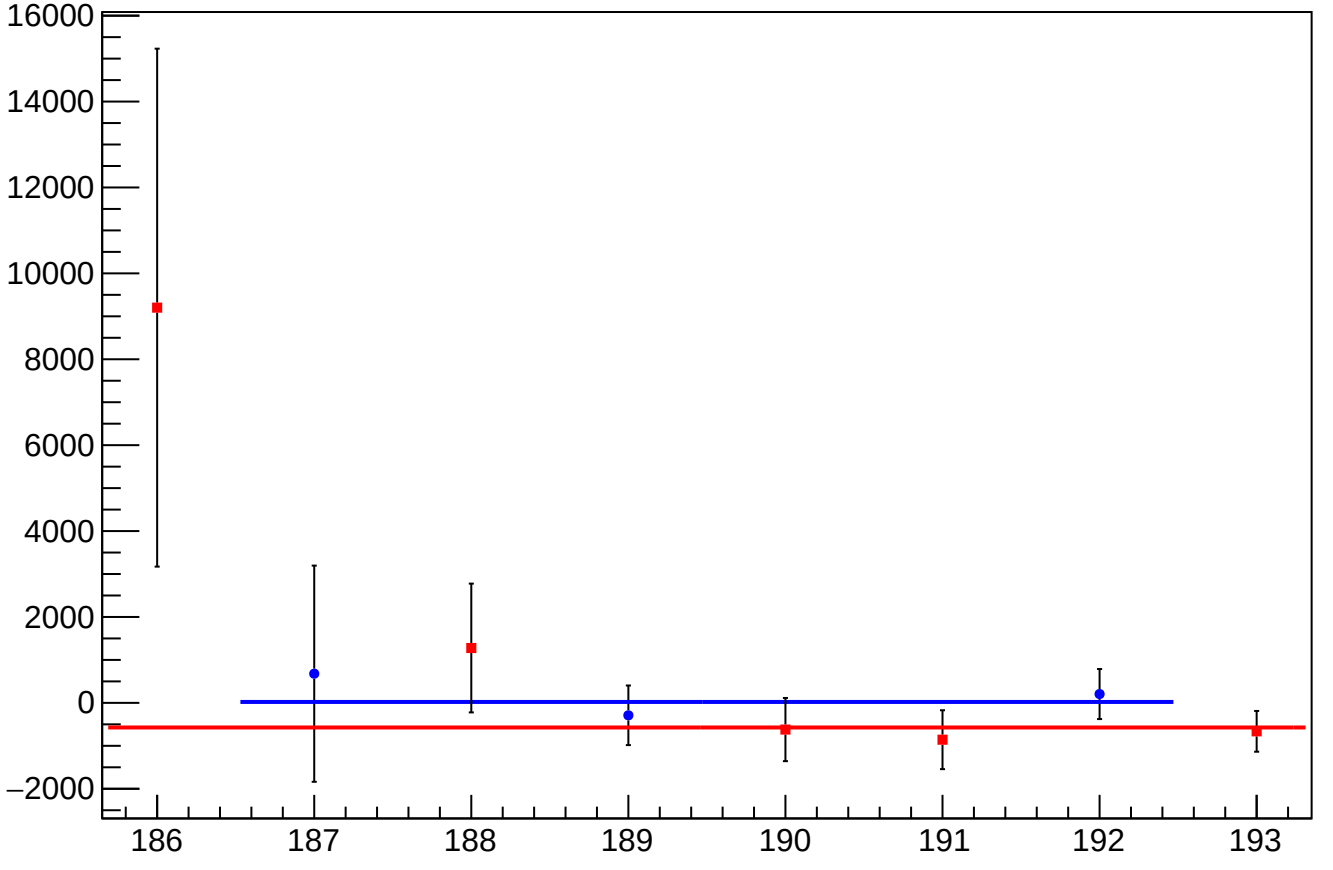
Right: 77.869+/-0.034 χ^2/NDF: 538214.1/7

In: 76.459+/-0.053 χ^2/NDF:42999.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 77.869+/-0.034 χ^2/NDF: 538214.1/7

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 21.463+/-439.268 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -573.185+/-335.398 χ^2/NDF: 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

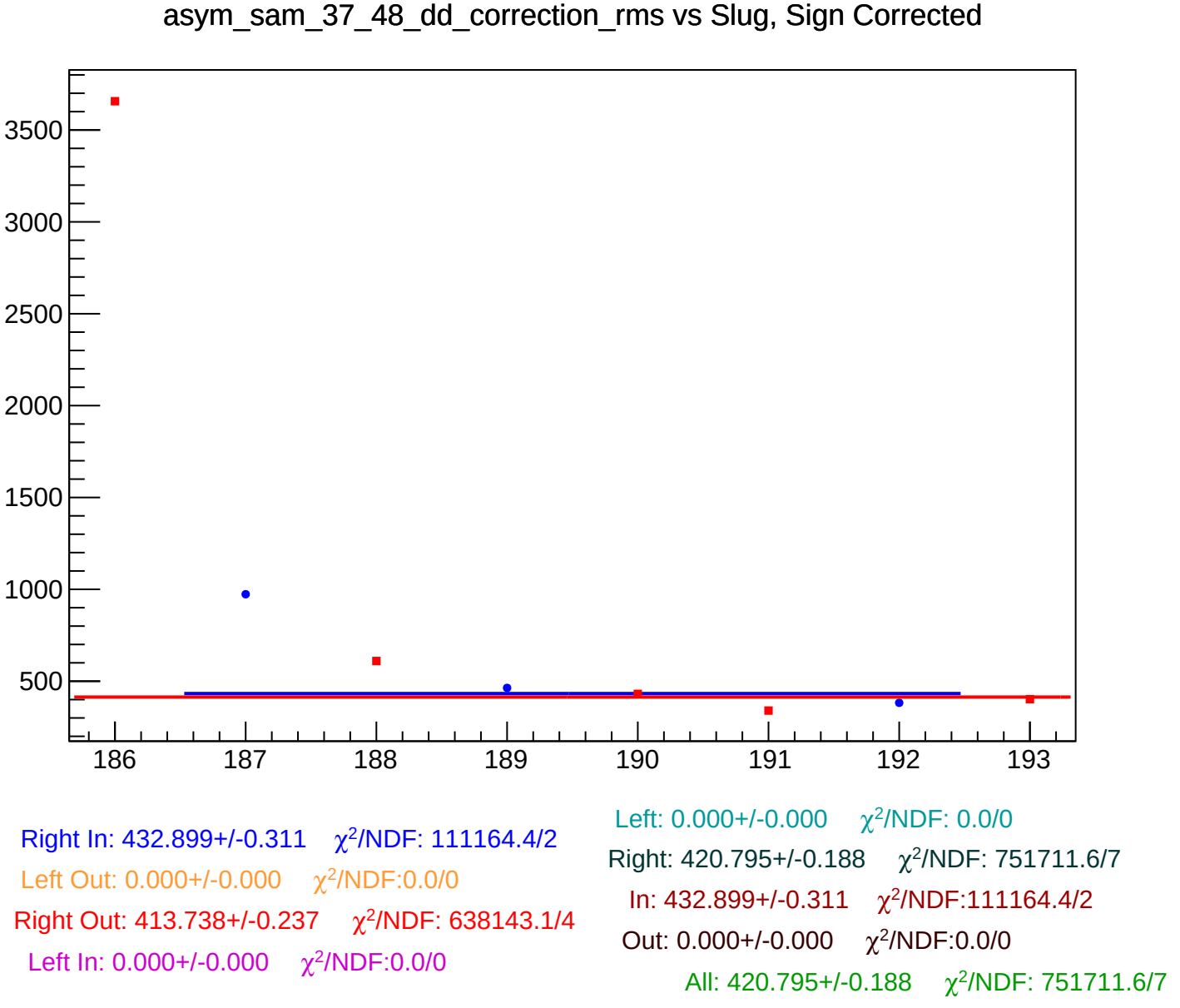
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -354.186+/-266.576 χ^2/NDF: 5.9/7

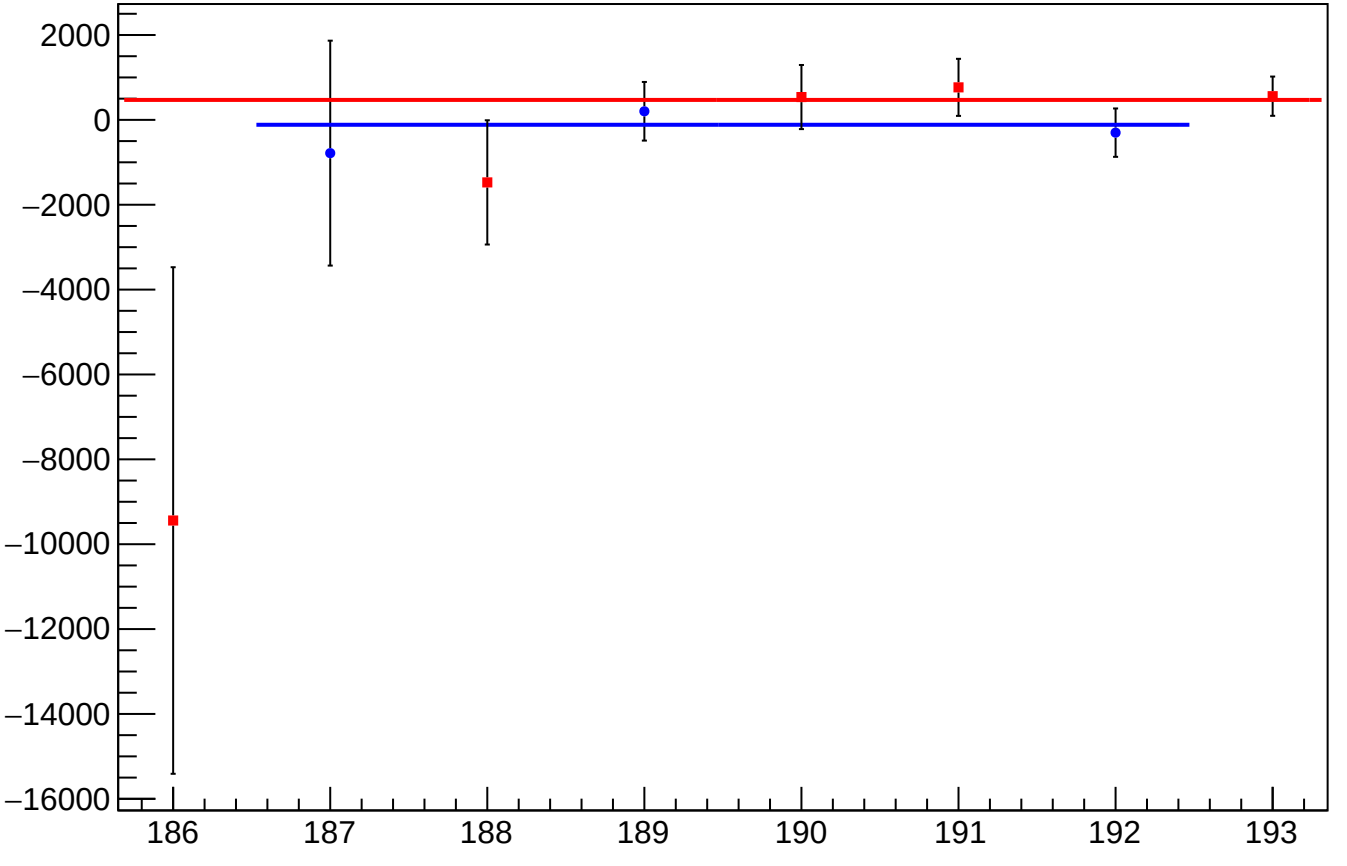
In: 21.463+/-439.268 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -354.186+/-266.576 χ^2/NDF: 5.9/7


asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected
3500
3000
2500
2000
1500
1000
500
186
187
188
189
190
191
192
193
Right In: 432.899+/-0.311 χ²/NDF: 111164.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 413.738+/-0.237 χ²/NDF: 638143.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 420.795+/-0.188 χ²/NDF: 751711.6/7
In: 432.899+/-0.311 χ²/NDF:111164.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 420.795+/-0.188 χ²/NDF: 751711.6/7

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -115.588+/-433.815 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 470.130+/-330.890 χ^2/NDF: 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

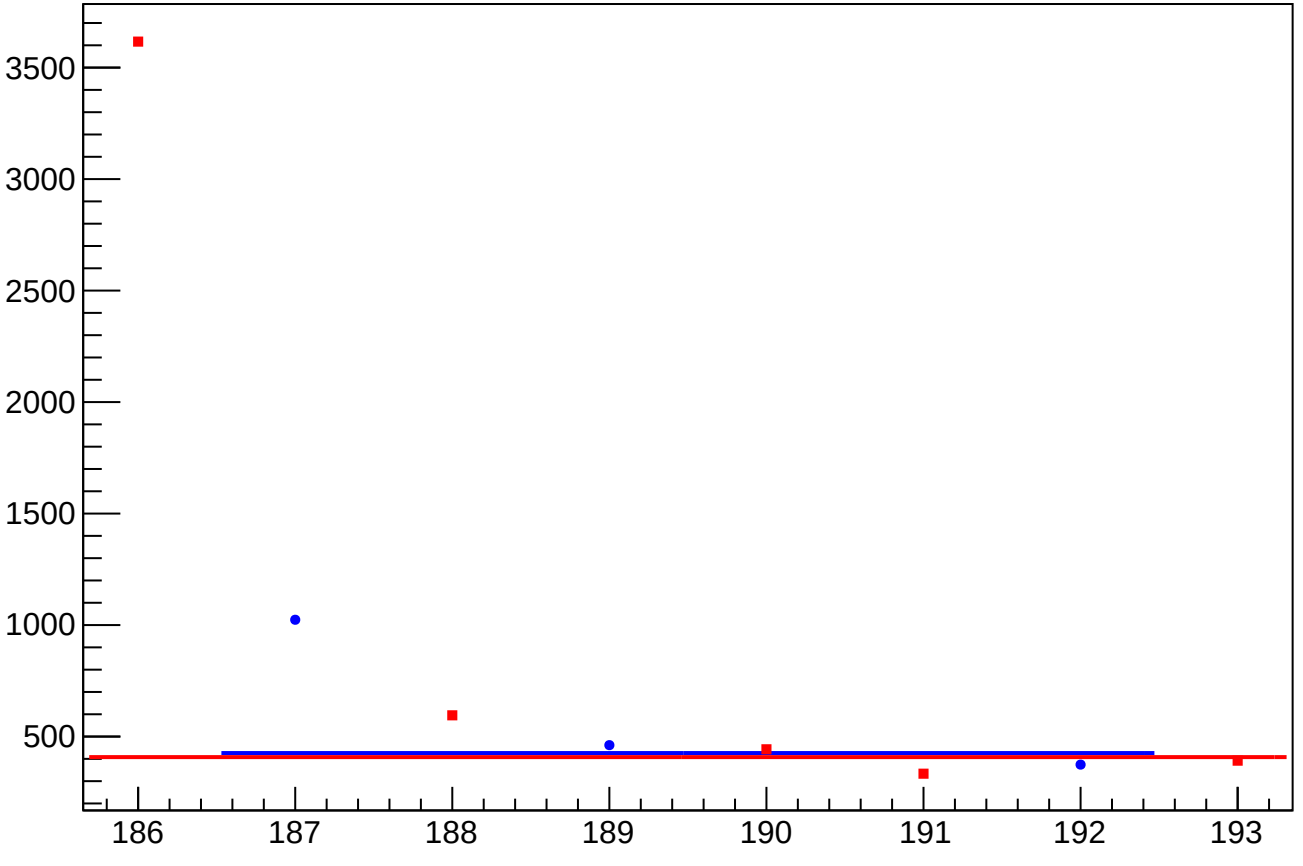
Right: 254.703+/-263.094 χ^2/NDF: 6.3/7

In: -115.588+/-433.815 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 254.703+/-263.094 χ^2/NDF: 6.3/7

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 426.029+/-0.307 χ^2/NDF: 123581.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 407.841+/-0.234 χ^2/NDF: 641845.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

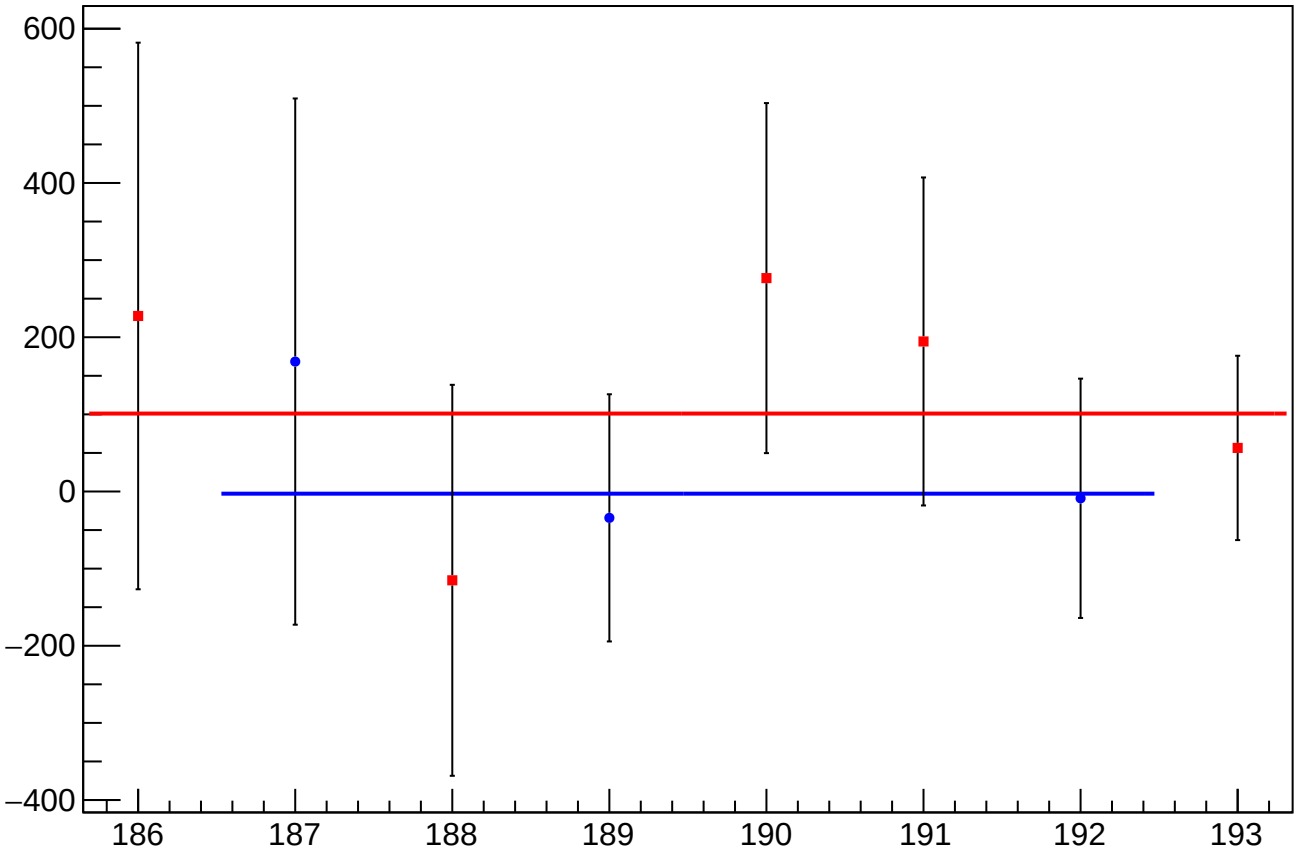
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 414.530+/-0.186 χ^2/NDF: 767649.7/7

In: 426.029+/-0.307 χ^2/NDF:123581.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 414.530+/-0.186 χ^2/NDF: 767649.7/7



Right In: -2.814+/-105.942 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 101.045+/-86.032 χ^2/NDF: 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

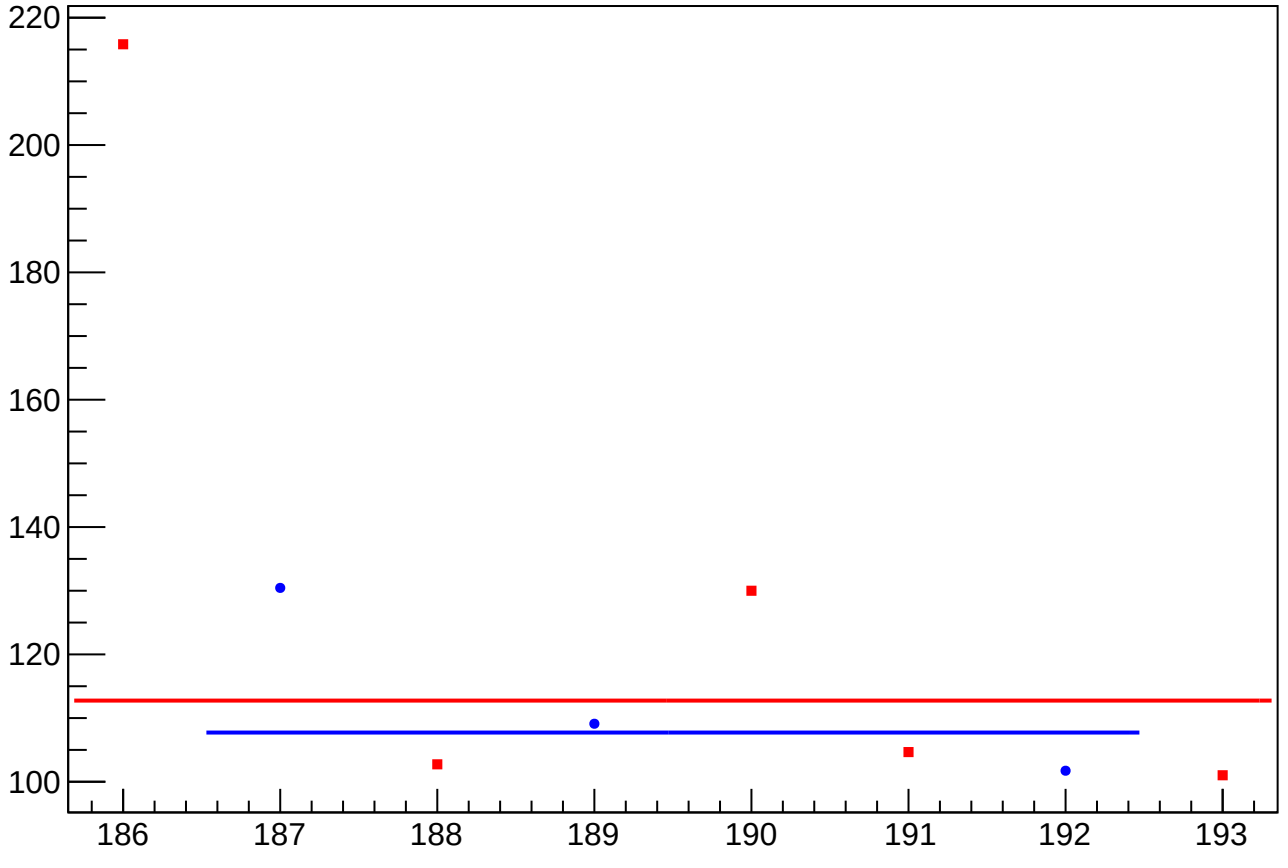
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 59.772+/-66.785 χ^2/NDF: 2.7/7

In: -2.814+/-105.942 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 59.772+/-66.785 χ^2/NDF: 2.7/7



Right In: 107.726+/-0.075 χ^2/NDF: 12007.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 112.746+/-0.061 χ^2/NDF: 206098.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

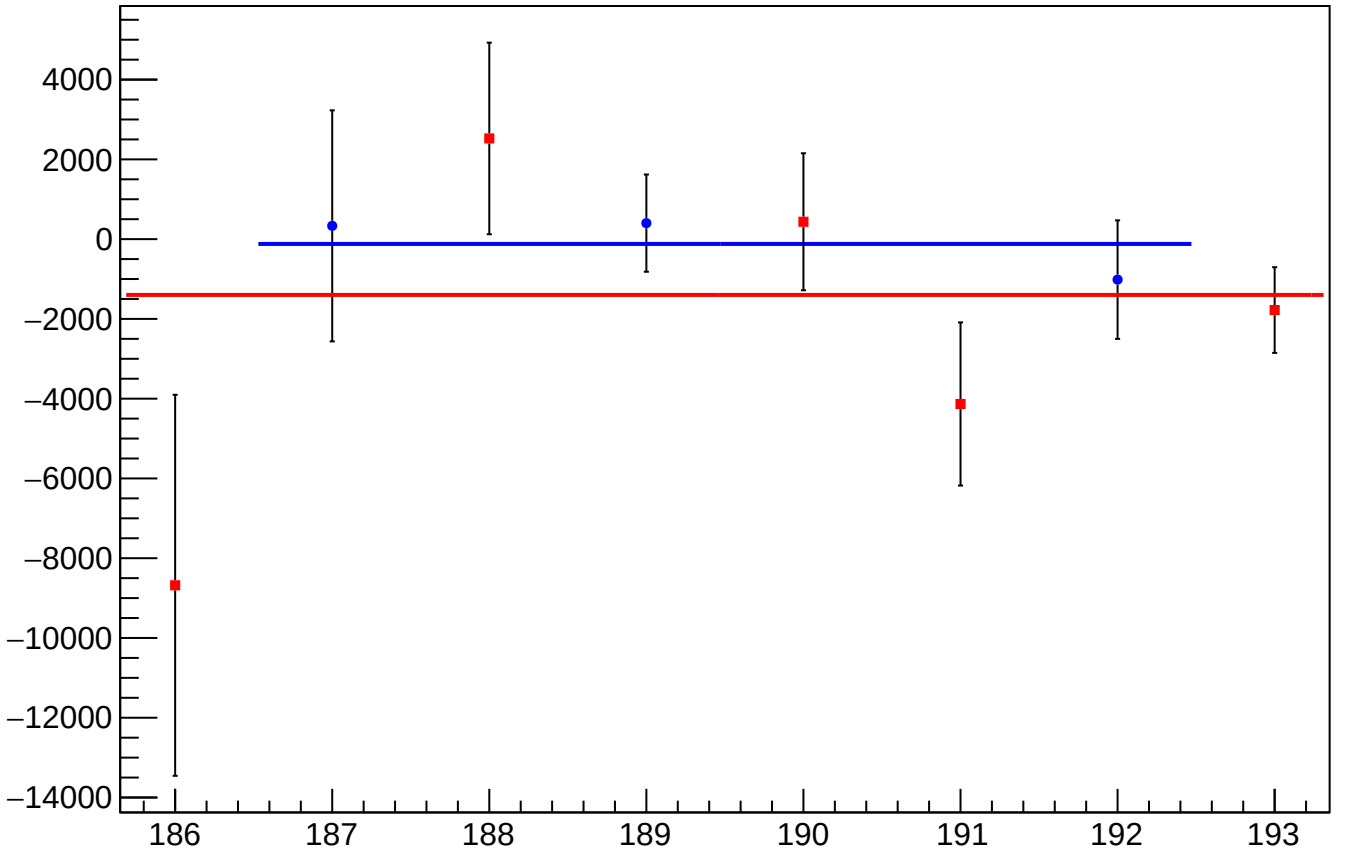
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 110.751+/-0.047 χ^2/NDF: 220811.6/7

In: 107.726+/-0.075 χ^2/NDF:12007.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 110.751+/-0.047 χ^2/NDF: 220811.6/7



Right In: -120.213+/-896.185 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1398.585+/-775.673 χ^2/NDF: 8.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

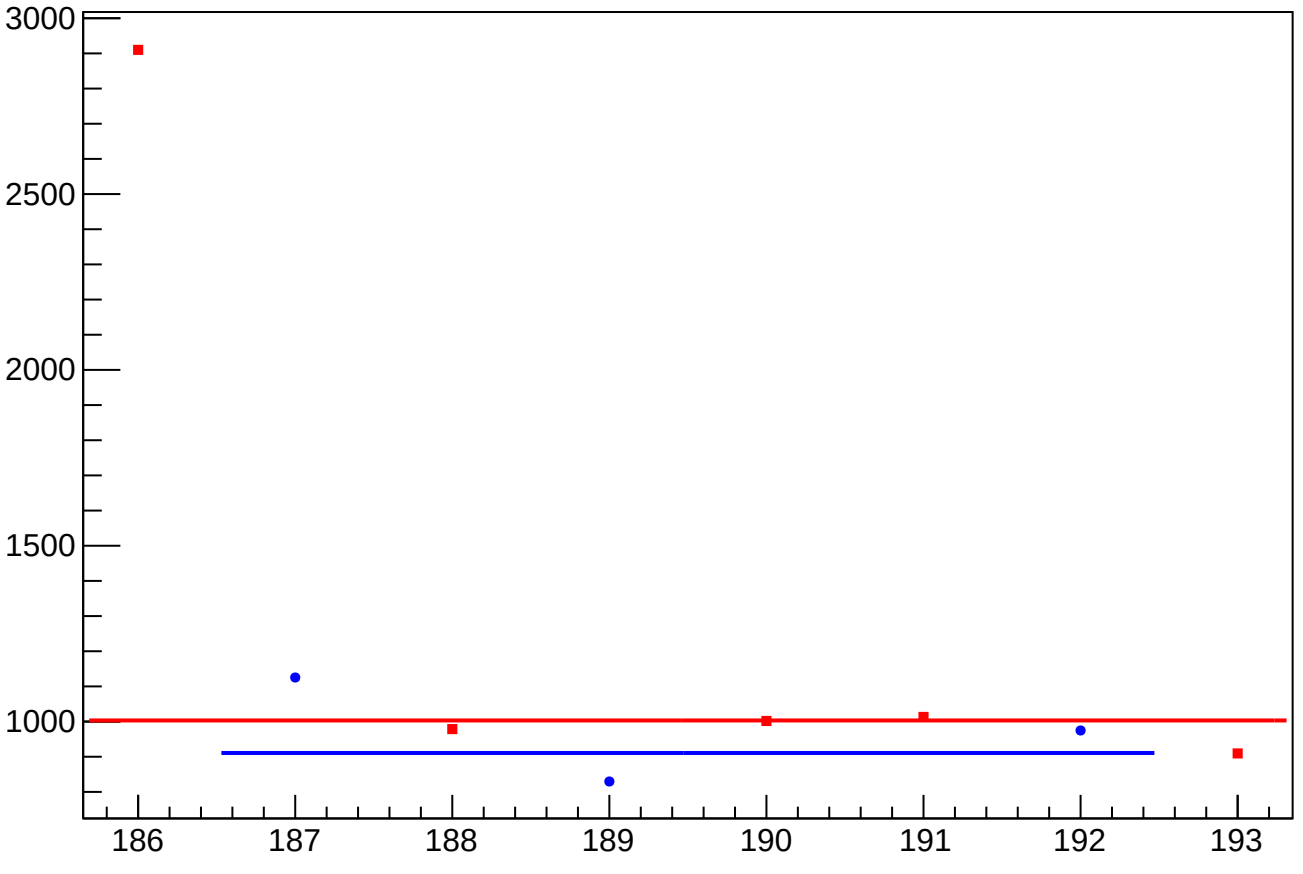
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -851.071+/-586.498 χ^2/NDF: 9.8/7

In: -120.213+/-896.185 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -851.071+/-586.498 χ^2/NDF: 9.8/7



Right In: 910.675+/-0.634 χ^2/NDF: 23538.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1003.175+/-0.548 χ^2/NDF: 334232.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

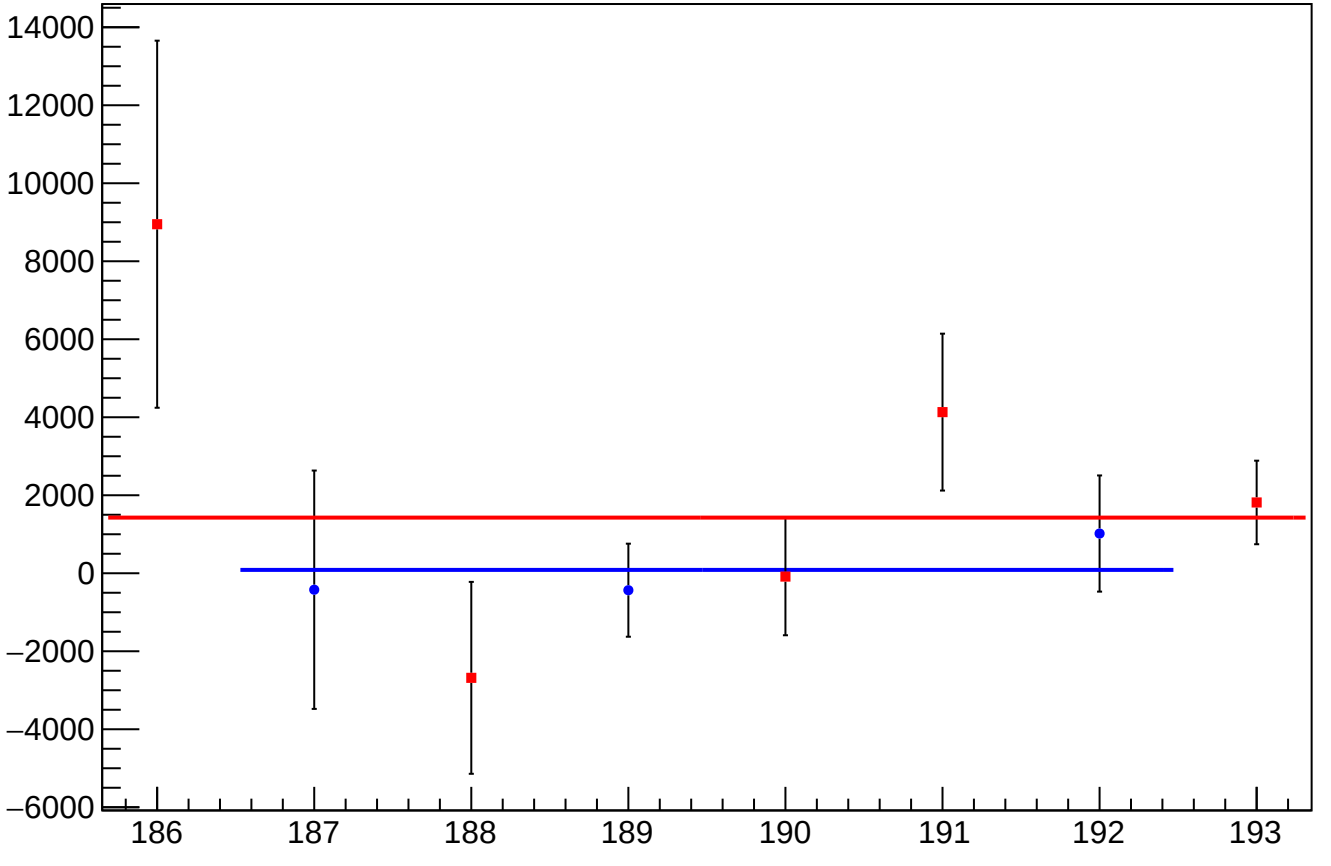
Right: 963.558+/-0.415 χ^2/NDF: 369952.5/7

In: 910.675+/-0.634 χ^2/NDF:23538.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 963.558+/-0.415 χ^2/NDF: 369952.5/7

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 86.013+/-890.735 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1426.875+/-751.531 χ^2/NDF: 8.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

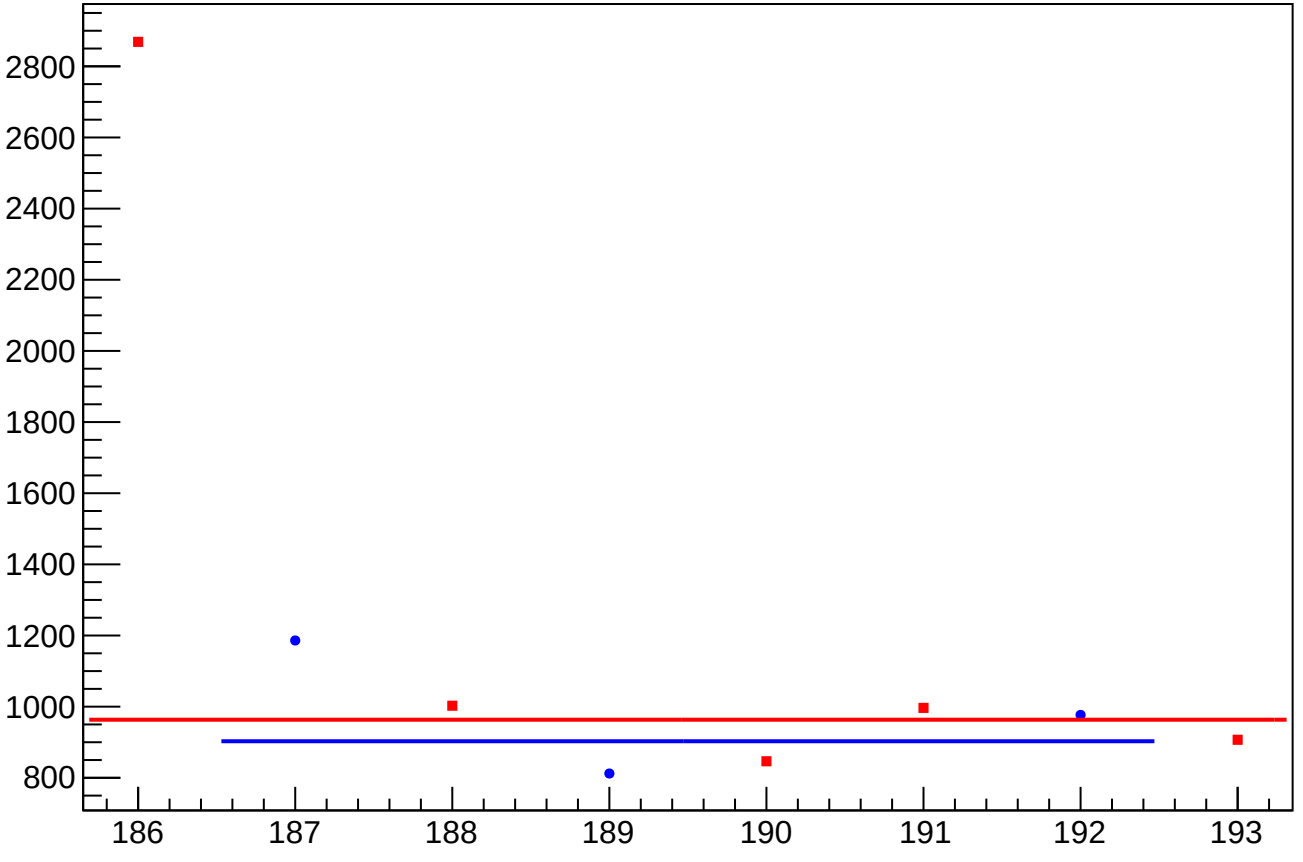
Right: 869.289+/-574.397 χ^2/NDF: 10.2/7

In: 86.013+/-890.735 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 869.289+/-574.397 χ^2/NDF: 10.2/7

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 902.804+/-0.630 χ^2/NDF: 33674.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 963.329+/-0.531 χ^2/NDF: 346511.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

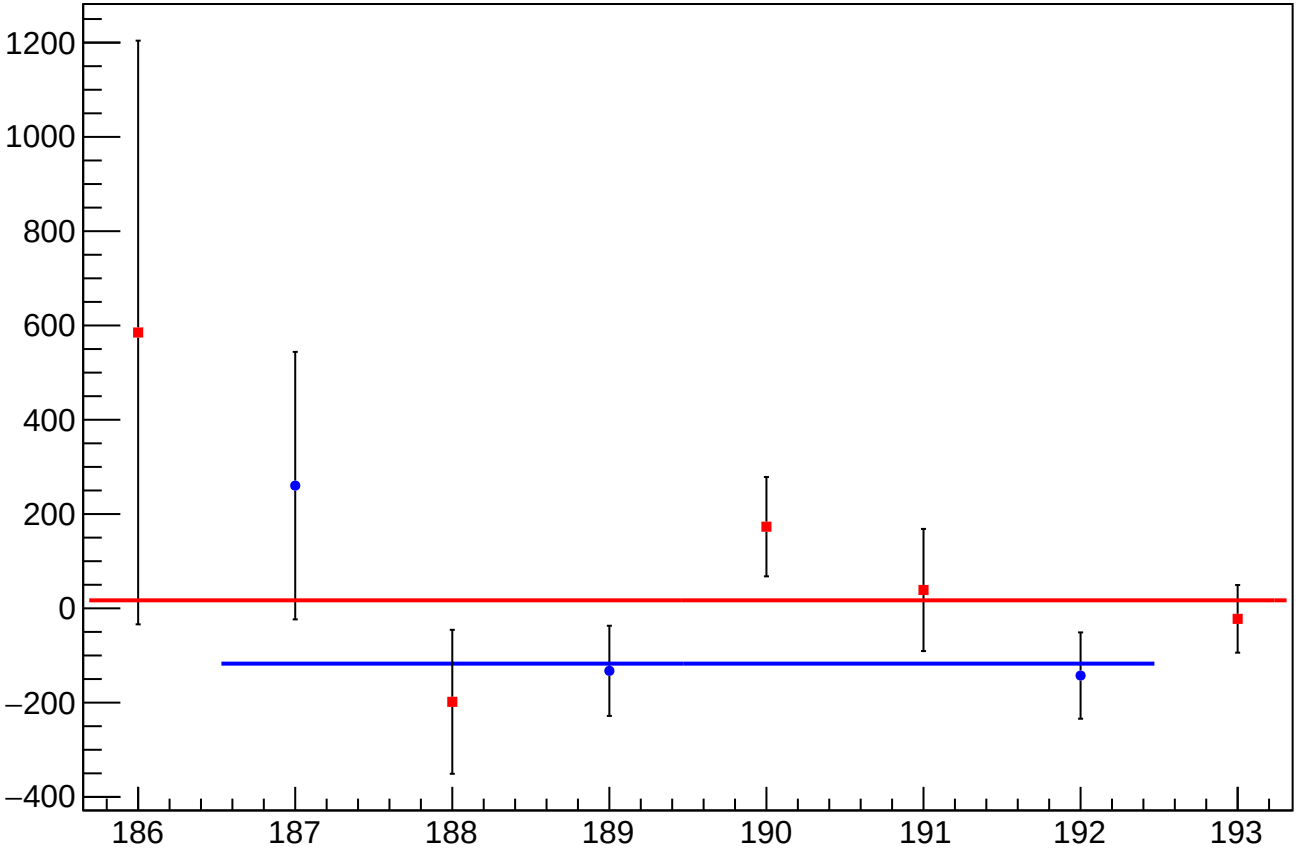
Right: 938.160+/-0.406 χ^2/NDF: 385580.2/7

In: 902.804+/-0.630 χ^2/NDF:33674.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 938.160+/-0.406 χ^2/NDF: 385580.2/7

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -117.276+/-64.396 χ^2/NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.983+/-50.669 χ^2/NDF: 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

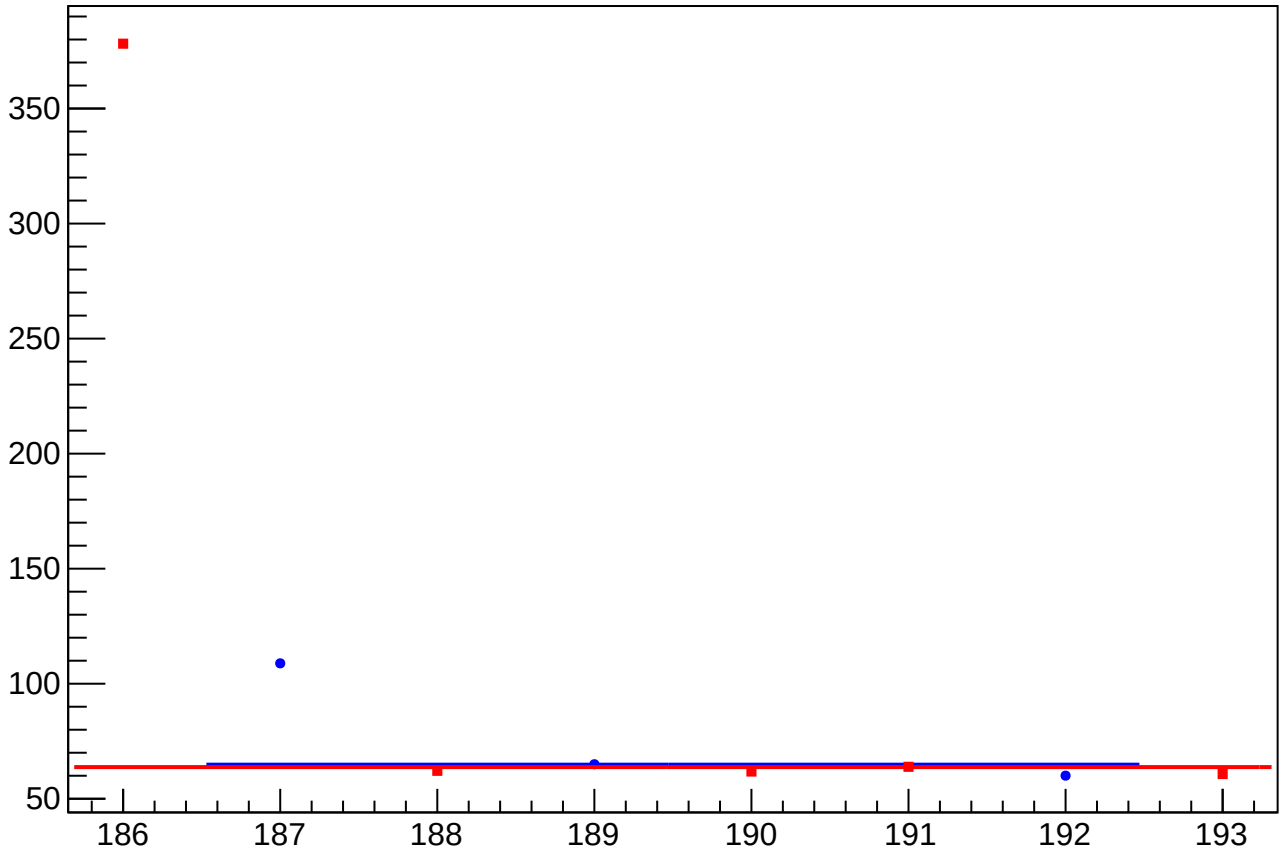
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -34.354+/-39.820 χ^2/NDF: 9.9/7

In: -117.276+/-64.396 χ^2/NDF:1.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.354+/-39.820 χ^2/NDF: 9.9/7



Right In: 64.806+/-0.046 χ^2/NDF: 53638.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 63.760+/-0.036 χ^2/NDF: 520429.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

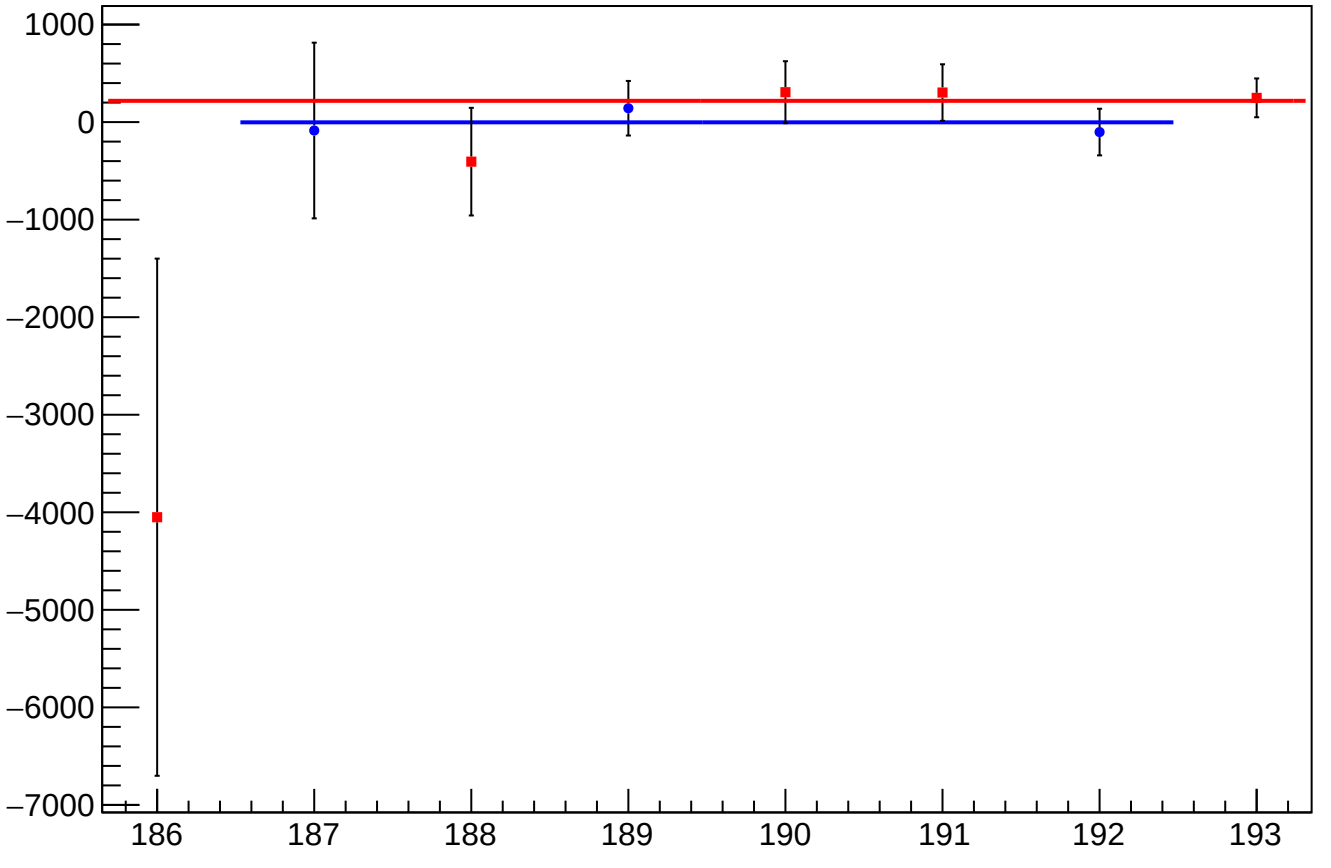
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 64.160+/-0.028 χ^2/NDF: 574393.8/7

In: 64.806+/-0.046 χ^2/NDF:53638.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 64.160+/-0.028 χ^2/NDF: 574393.8/7



Right In: -2.480+/-178.136 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 218.147+/-140.711 χ^2/NDF: 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

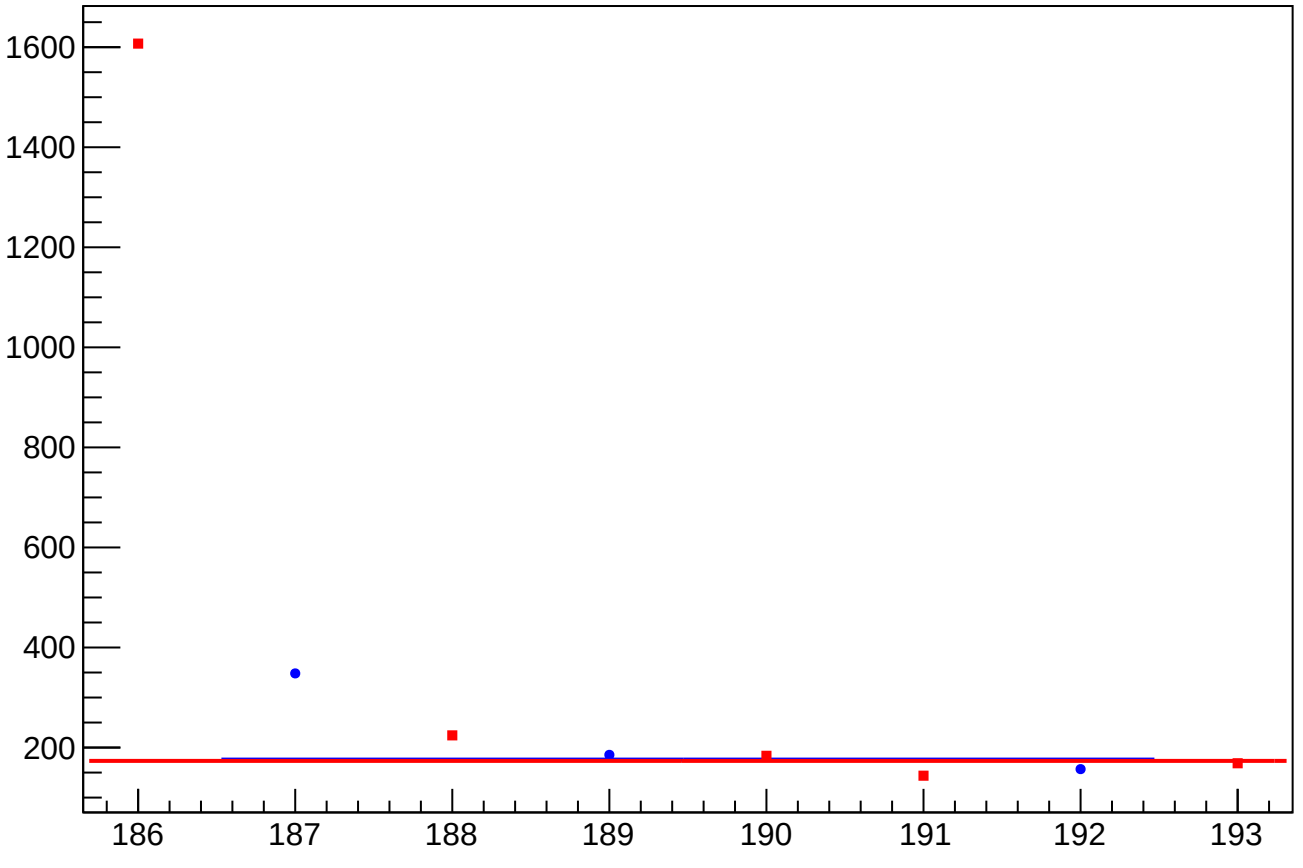
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 133.379+/-110.418 χ^2/NDF: 5.5/7

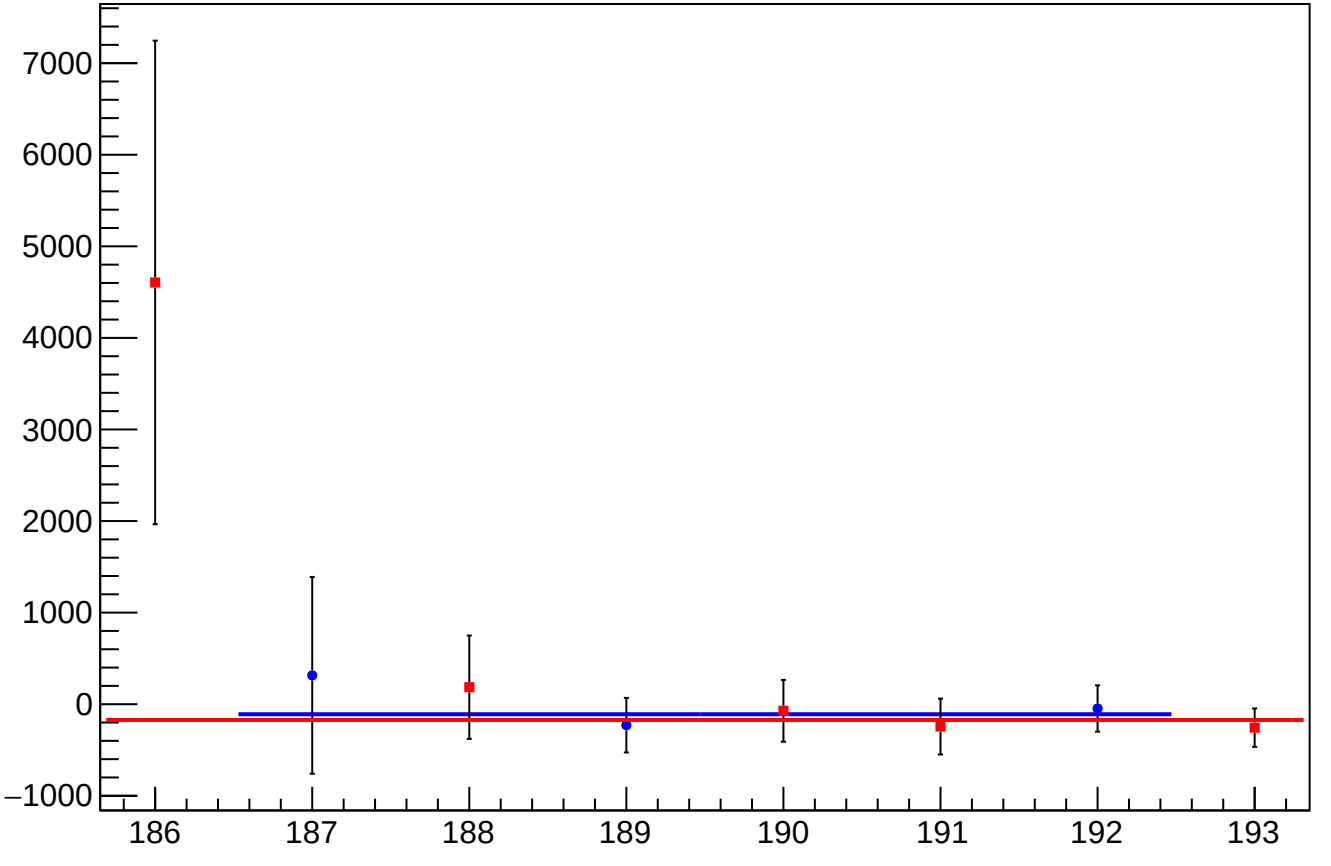
In: -2.480+/-178.136 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 133.379+/-110.418 χ^2/NDF: 5.5/7


asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected
1600
1400
1200
1000
800
600
400
200
186
187
188
189
190
191
192
193
Right In: 175.943+/-0.126 χ²/NDF: 88189.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 173.355+/-0.099 χ²/NDF: 626217.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 174.349+/-0.078 χ²/NDF: 714666.8/7
In: 175.943+/-0.126 χ²/NDF:88189.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 174.349+/-0.078 χ²/NDF: 714666.8/7

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -109.469+/-189.852 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -172.018+/-148.159 χ^2/NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

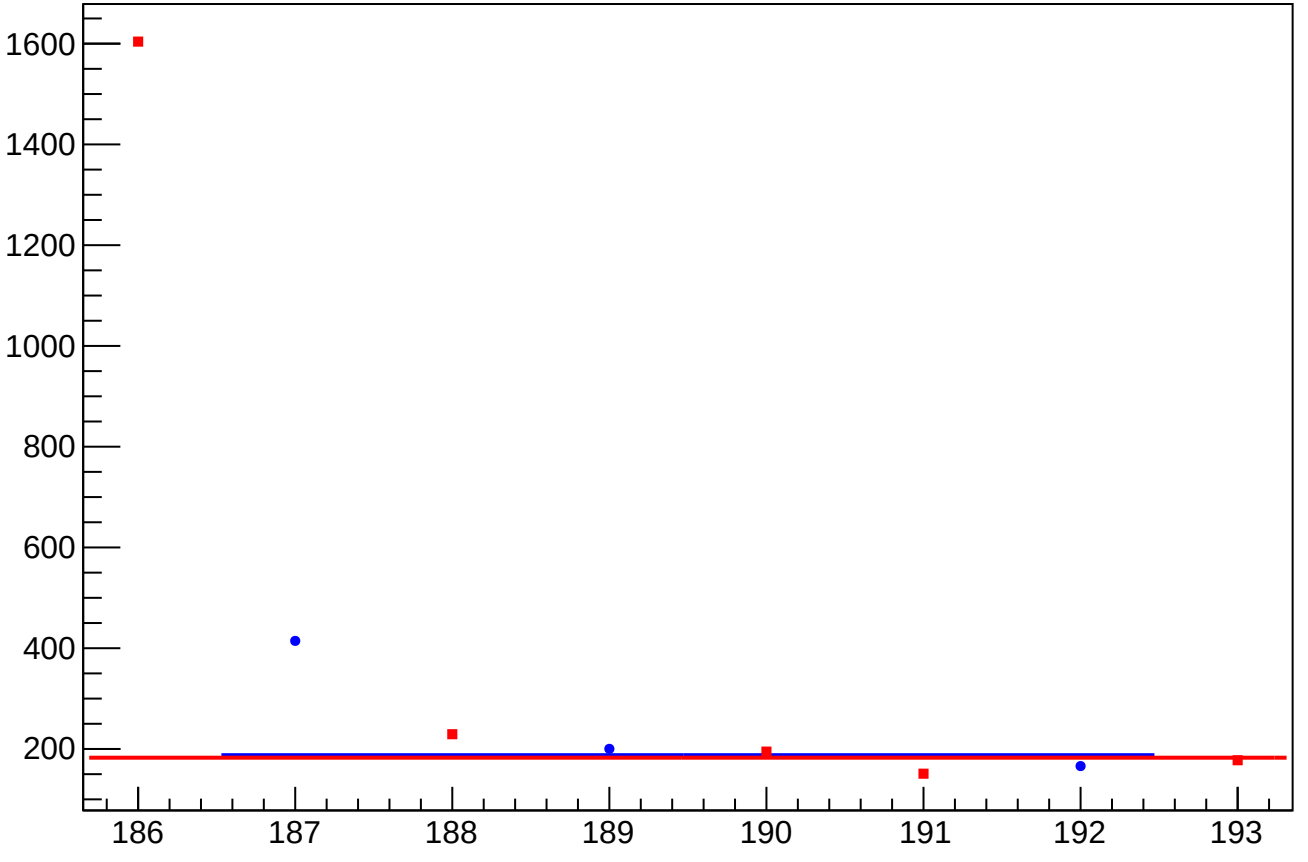
Right: -148.343+/-116.801 χ^2/NDF: 4.4/7

In: -109.469+/-189.852 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -148.343+/-116.801 χ^2/NDF: 4.4/7

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 187.688+/-0.134 χ^2/NDF: 107269.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 182.693+/-0.105 χ^2/NDF: 618705.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

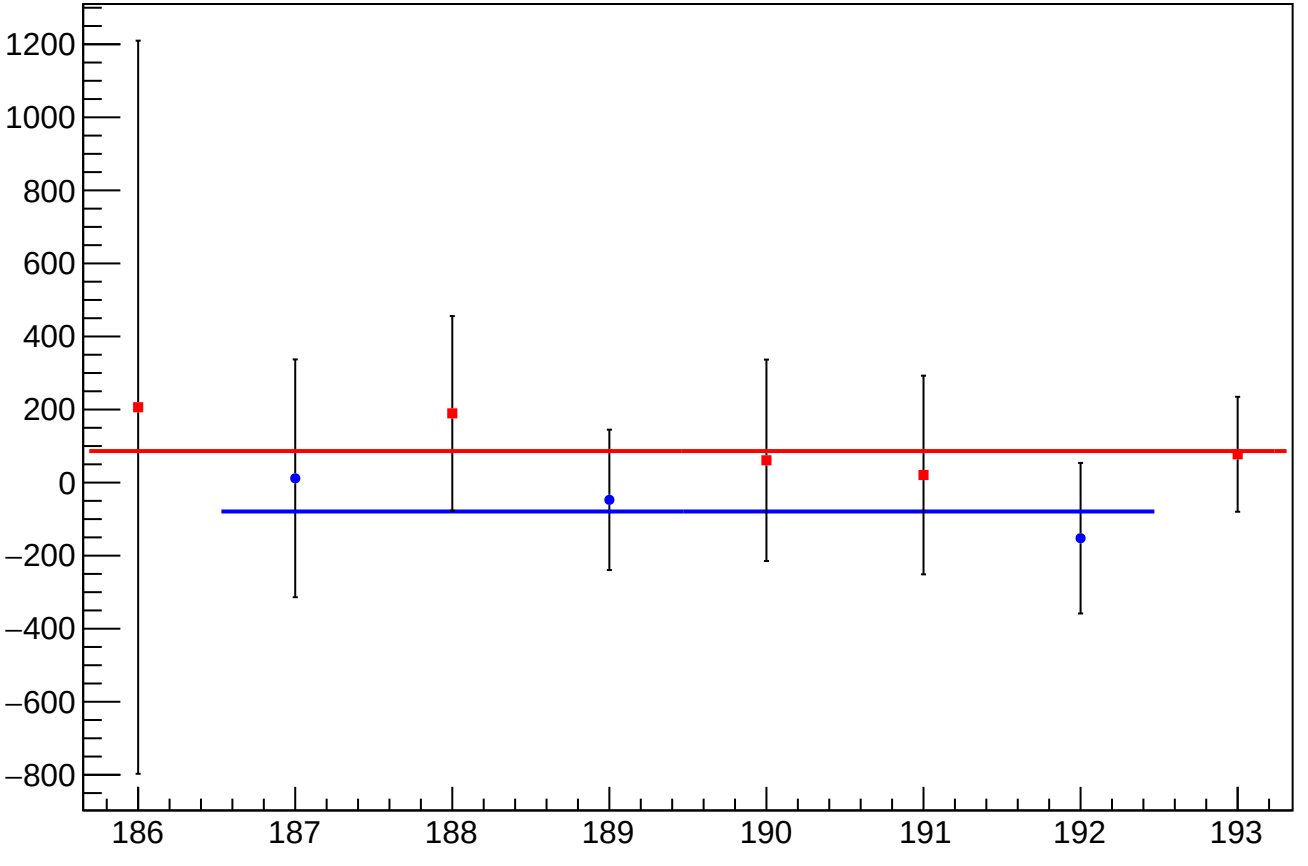
Right: 184.583+/-0.083 χ^2/NDF: 726835.0/7

In: 187.688+/-0.134 χ^2/NDF:107269.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 184.583+/-0.083 χ^2/NDF: 726835.0/7

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -79.111+/-129.022 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 86.323+/-110.322 χ^2/NDF: 0.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

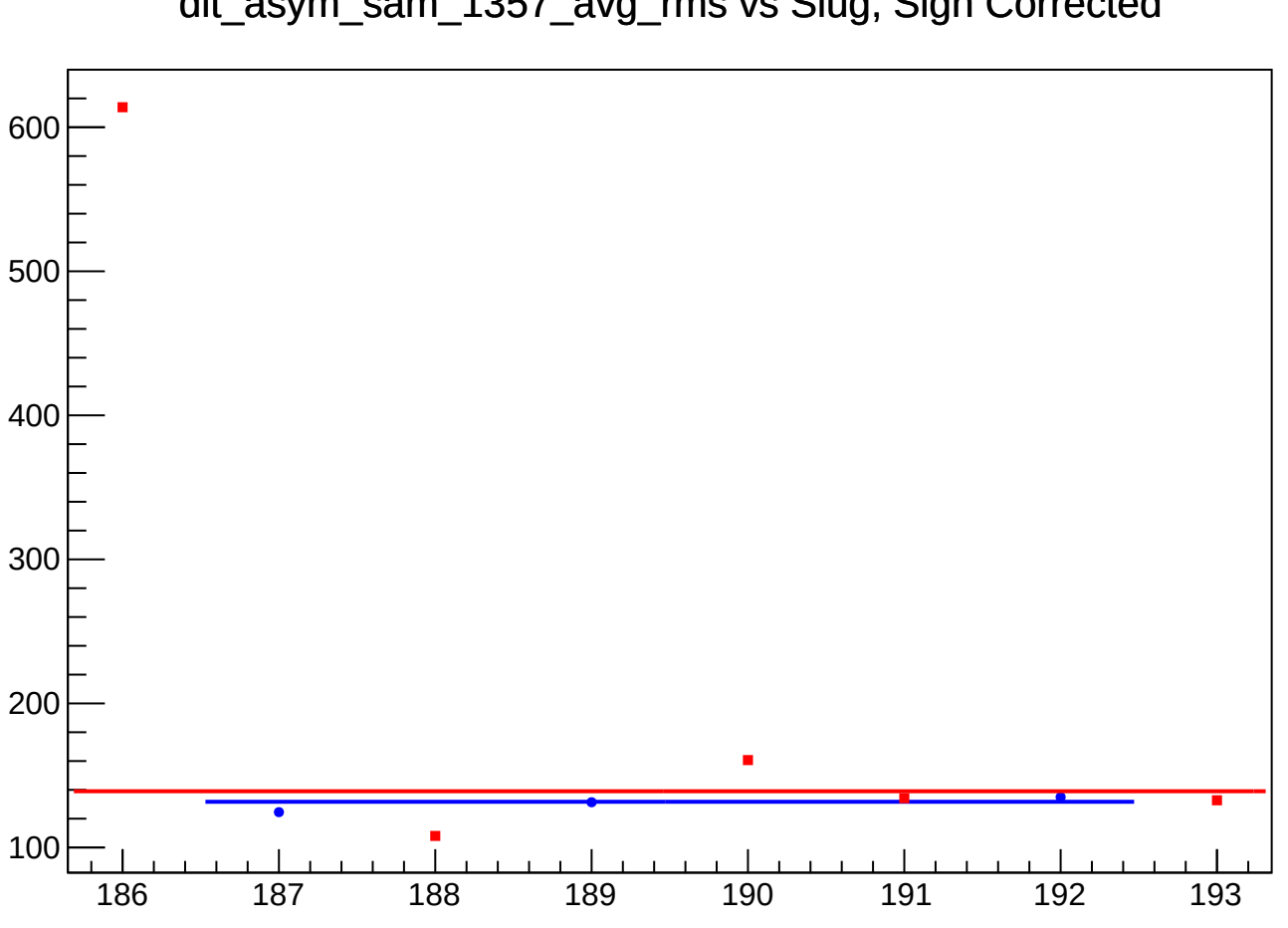
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

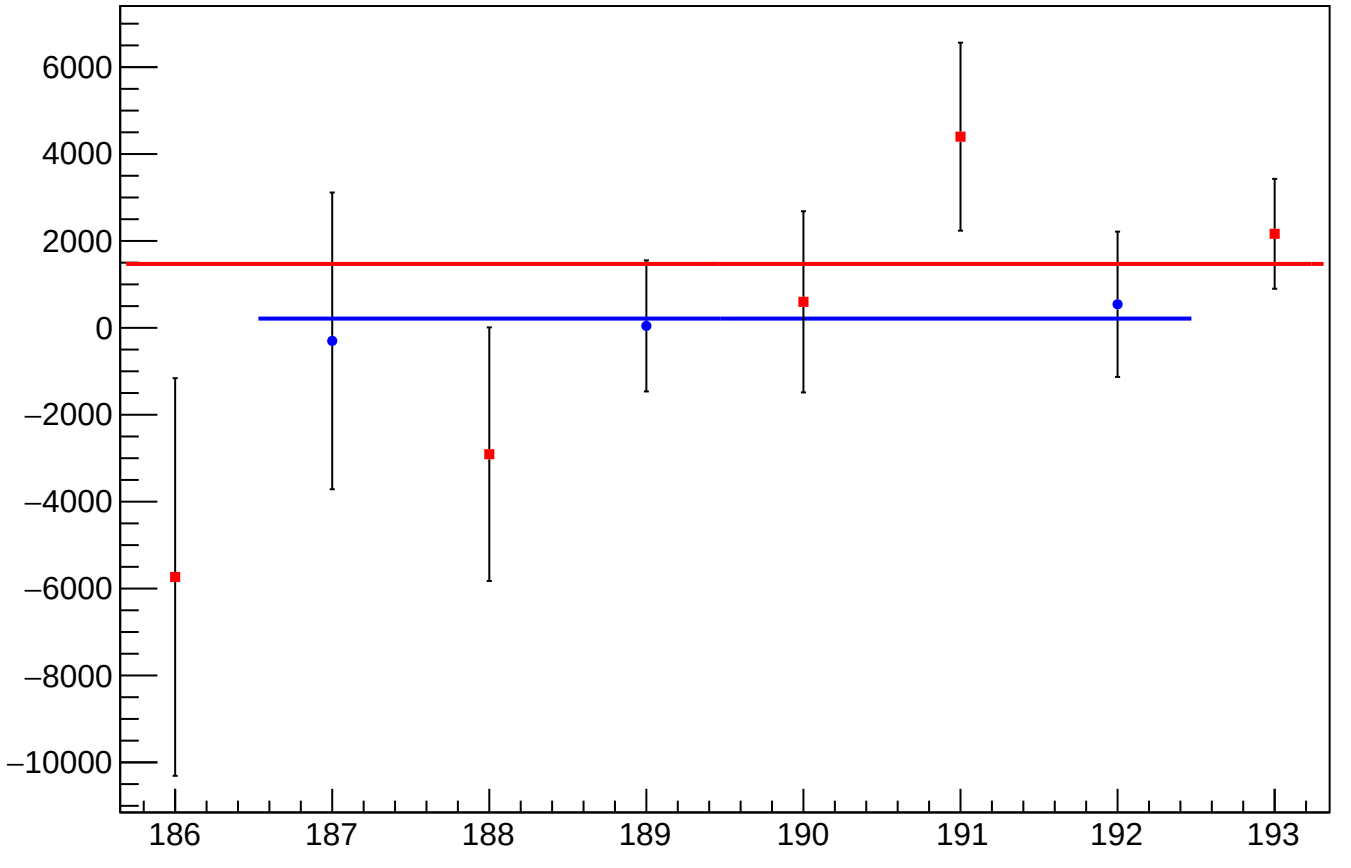
Right: 16.453+/-83.849 χ^2/NDF: 1.4/7

In: -79.111+/-129.022 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.453+/-83.849 χ^2/NDF: 1.4/7


dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected
600
500
400
300
200
100
186
187
188
189
190
191
192
193
Right In: 131.728+/-0.091 χ²/NDF: 1485.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 139.039+/-0.078 χ²/NDF: 491040.5/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 135.951+/-0.059 χ²/NDF: 496235.9/7
In: 131.728+/-0.091 χ²/NDF:1485.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 135.951+/-0.059 χ²/NDF: 496235.9/7



Right In: 213.014+/-1064.280 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1471.574+/-900.040 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

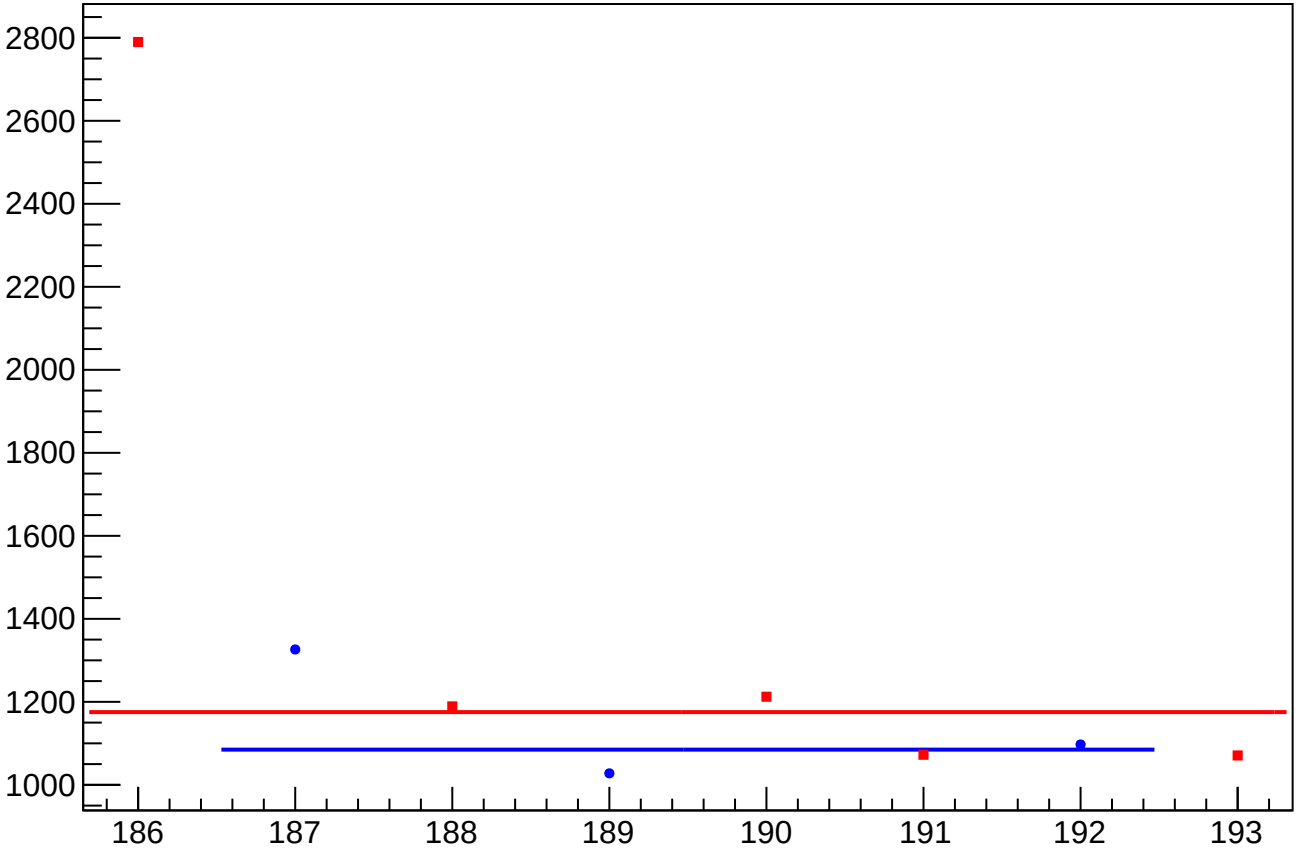
Right: 946.794+/-687.239 χ^2/NDF: 7.9/7

In: 213.014+/-1064.280 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 946.794+/-687.239 χ^2/NDF: 7.9/7

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 1084.896+/-0.753 χ^2/NDF: 12975.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1175.264+/-0.636 χ^2/NDF: 267857.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

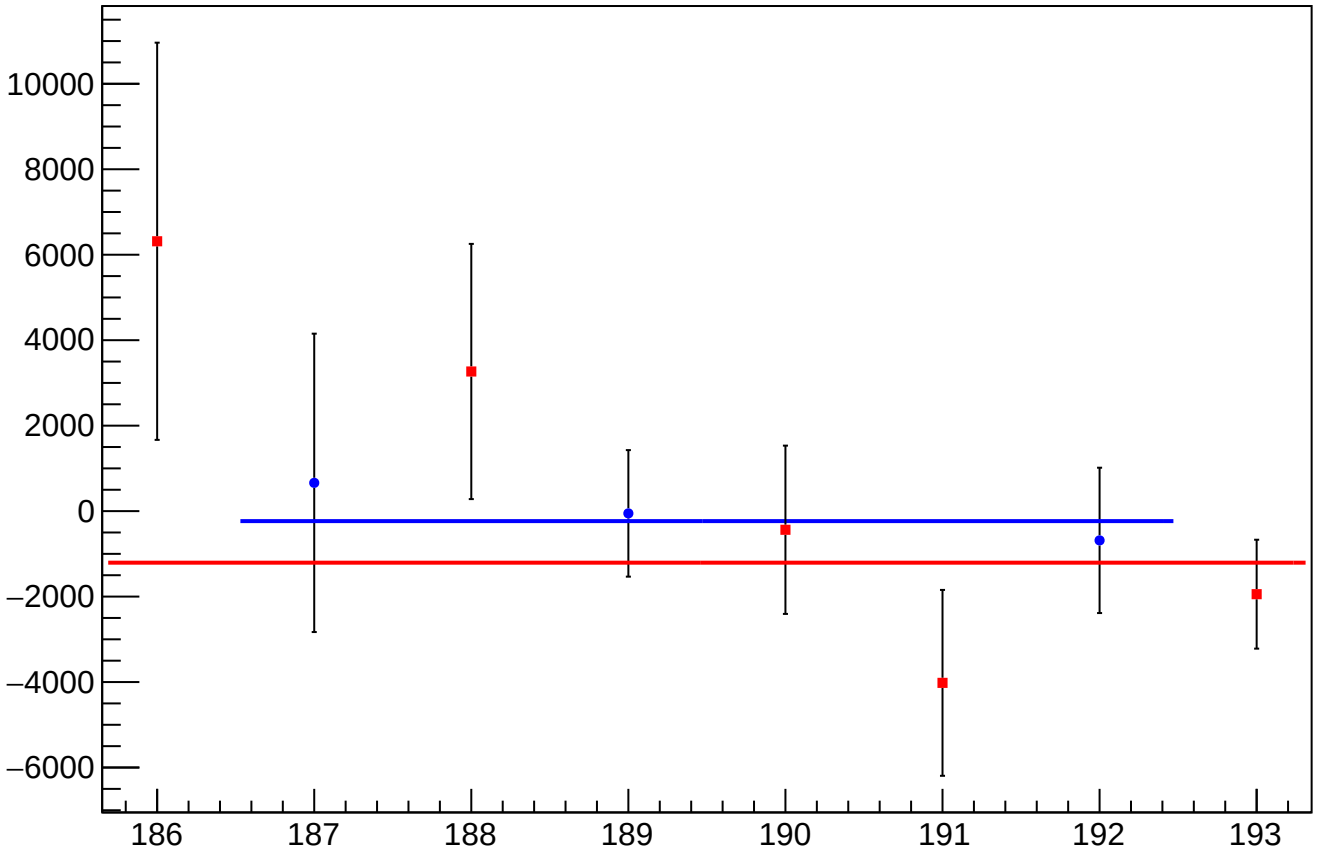
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1137.583+/-0.486 χ^2/NDF: 289240.3/7

In: 1084.896+/-0.753 χ^2/NDF:12975.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1137.583+/-0.486 χ^2/NDF: 289240.3/7



Right In: -233.713+/-1063.647 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1206.499+/-896.737 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

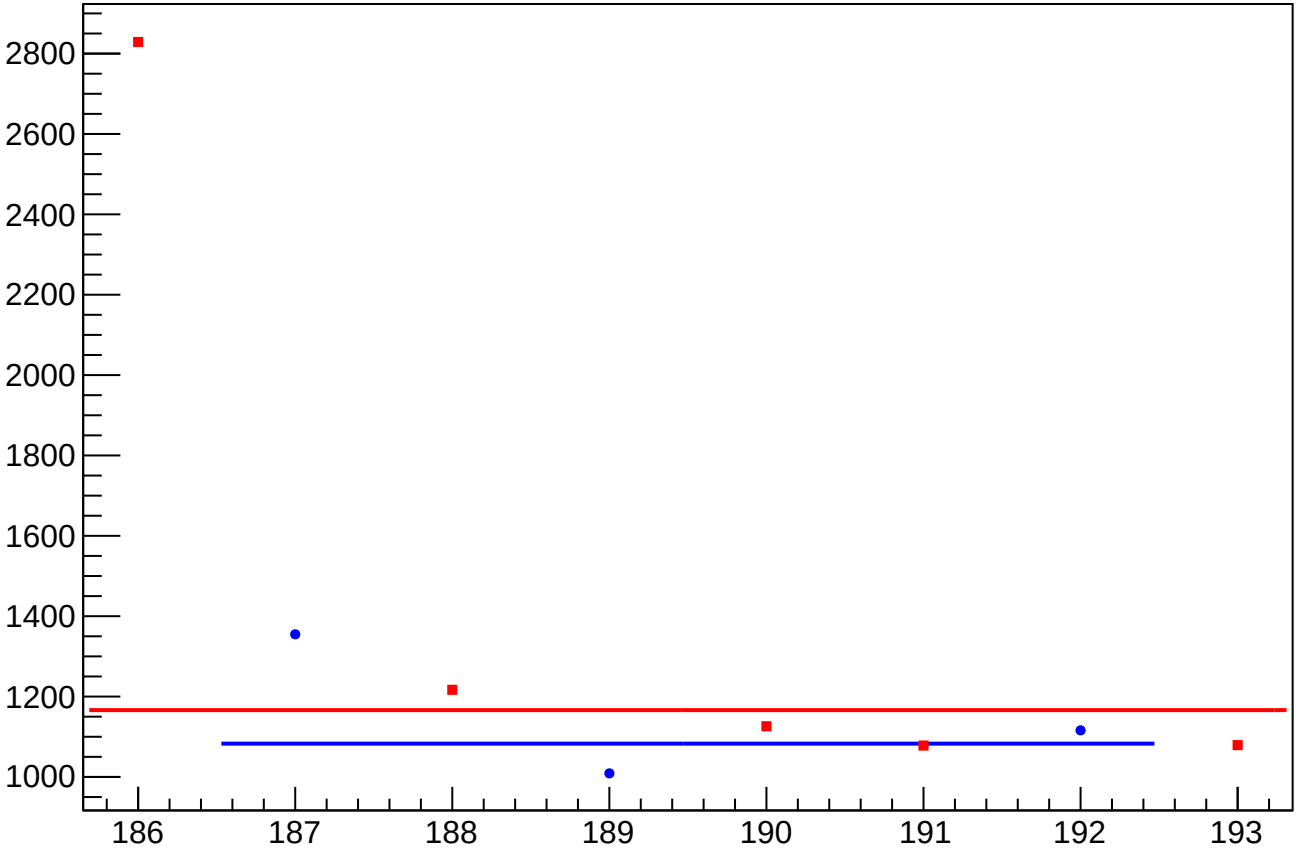
Right: -802.334+/-685.596 χ^2/NDF: 7.7/7

In: -233.713+/-1063.647 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -802.334+/-685.596 χ^2/NDF: 7.7/7

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 1082.888+/-0.752 χ^2/NDF: 17895.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1166.297+/-0.634 χ^2/NDF: 269989.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

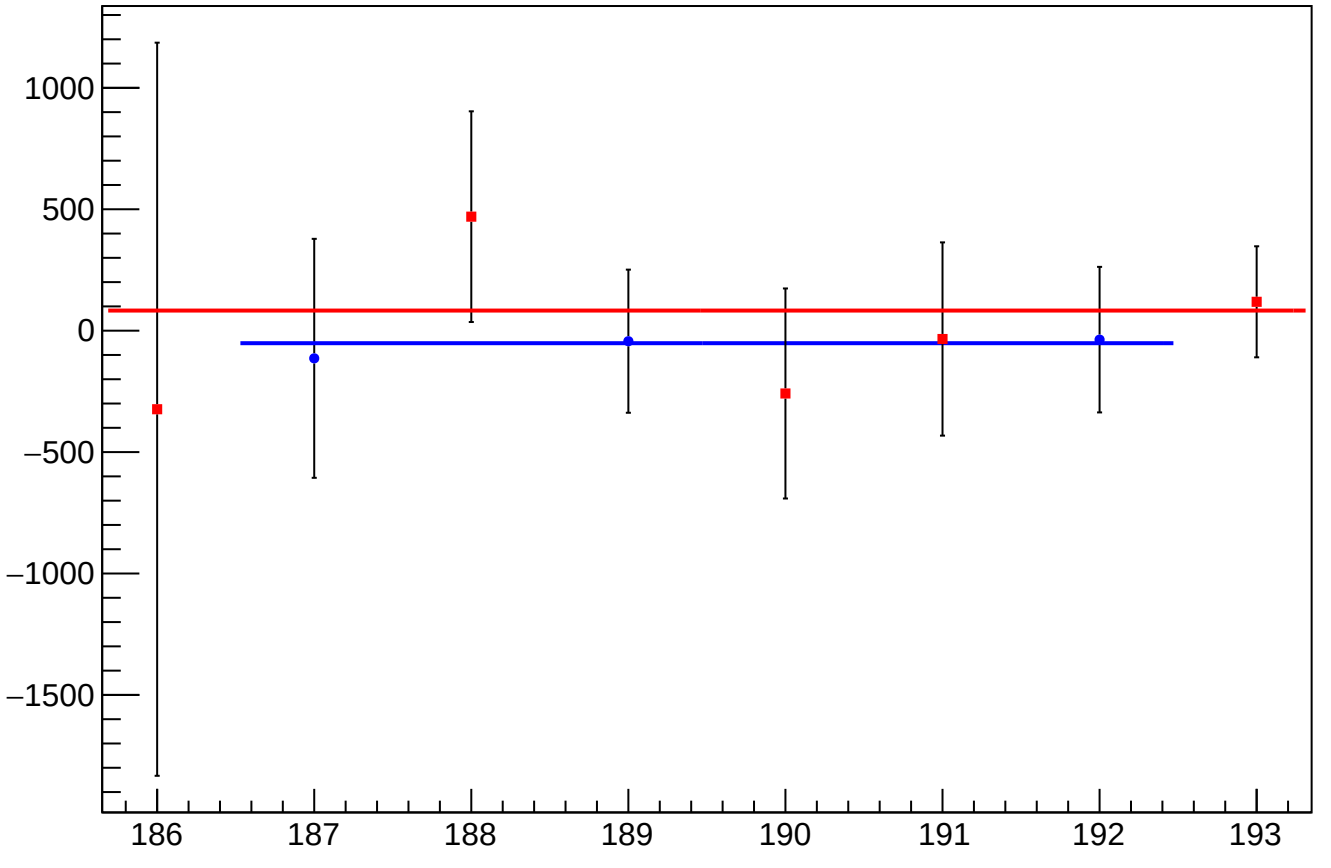
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1131.643+/-0.485 χ^2/NDF: 295074.1/7

In: 1082.888+/-0.752 χ^2/NDF:17895.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1131.643+/-0.485 χ^2/NDF: 295074.1/7



Right In: -51.539+/-193.253 χ^2/NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 82.867+/-165.418 χ^2/NDF: 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

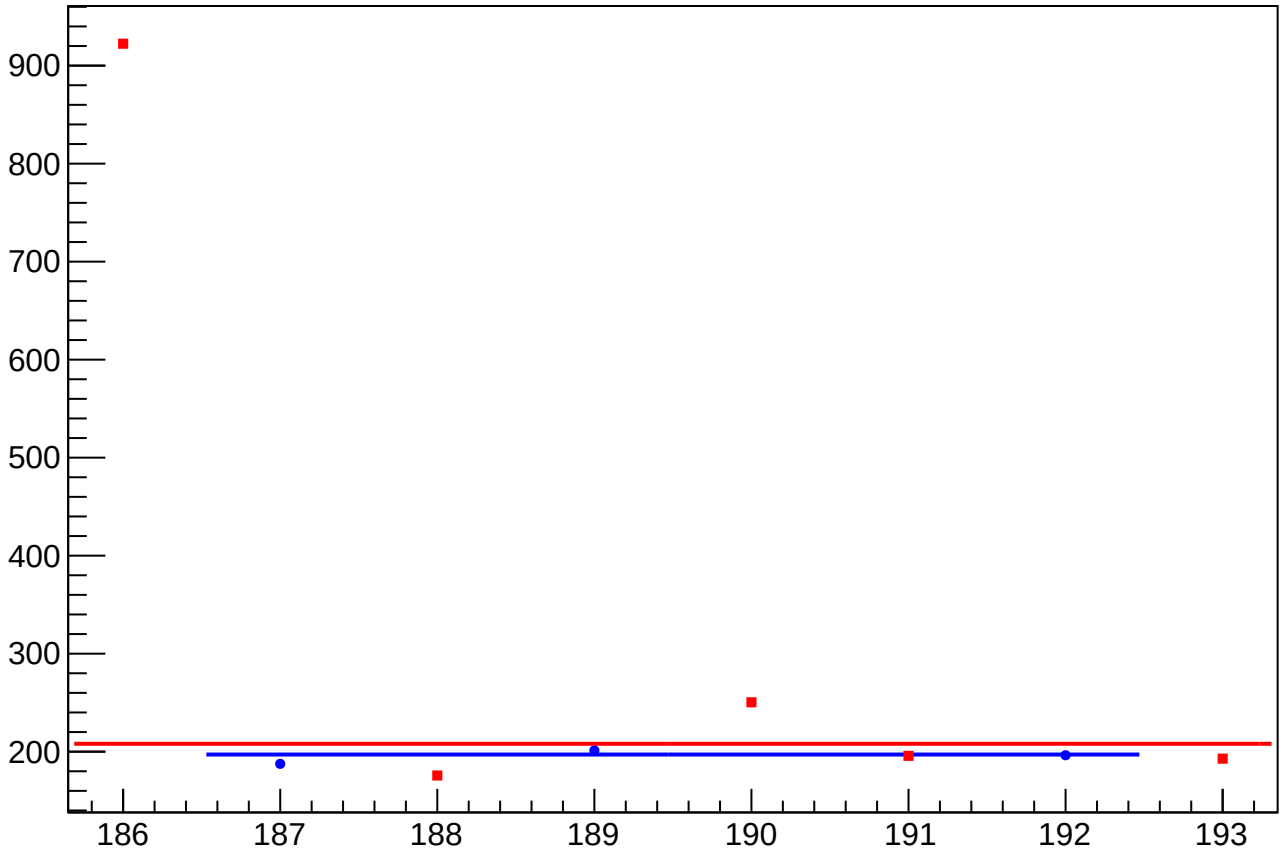
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 26.032+/-125.668 χ^2/NDF: 1.9/7

In: -51.539+/-193.253 χ^2/NDF:0.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 26.032+/-125.668 χ^2/NDF: 1.9/7



Right In: 197.087+/-0.137 χ^2/NDF: 1152.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 208.058+/-0.117 χ^2/NDF: 488819.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

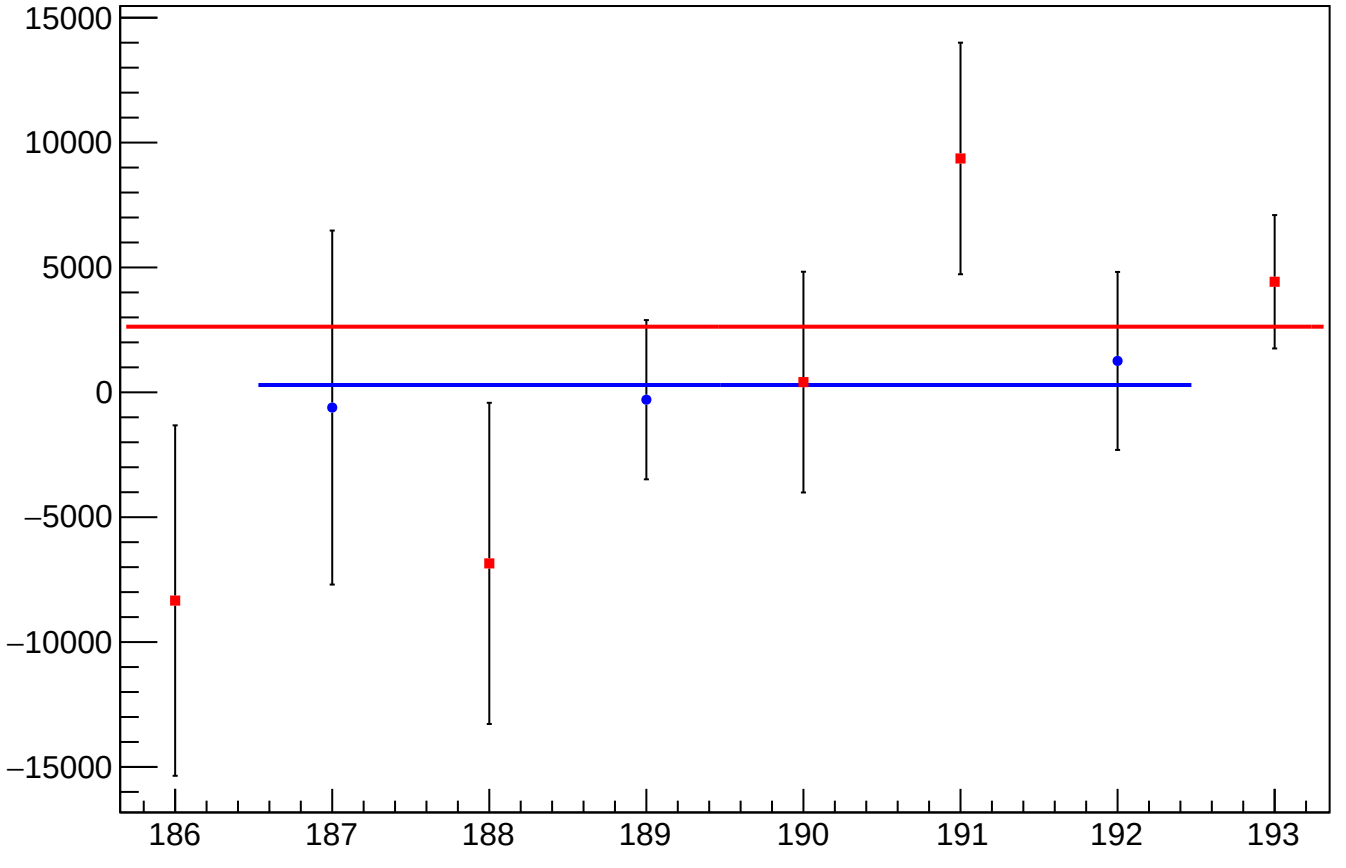
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 203.419+/-0.089 χ^2/NDF: 493692.1/7

In: 197.087+/-0.137 χ^2/NDF:1152.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 203.419+/-0.089 χ^2/NDF: 493692.1/7



Right In: 293.391+/-2252.746 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2628.537+/-1881.587 χ^2/NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

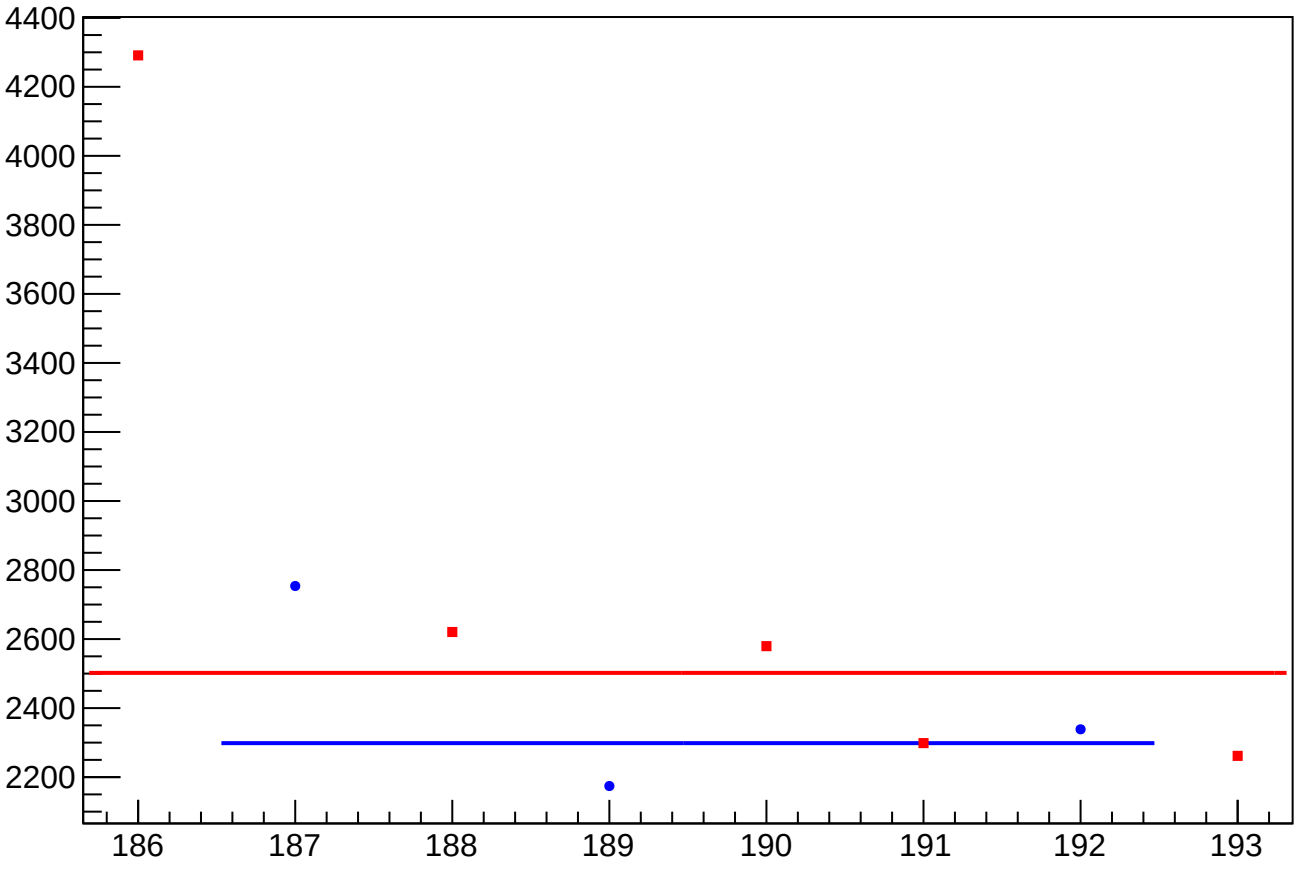
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1668.925+/-1444.119 χ^2/NDF: 8.2/7

In: 293.391+/-2252.746 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1668.925+/-1444.119 χ^2/NDF: 8.2/7



Right In: 2298.493+/-1.593 χ^2/NDF: 11543.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2502.018+/-1.330 χ^2/NDF: 151387.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

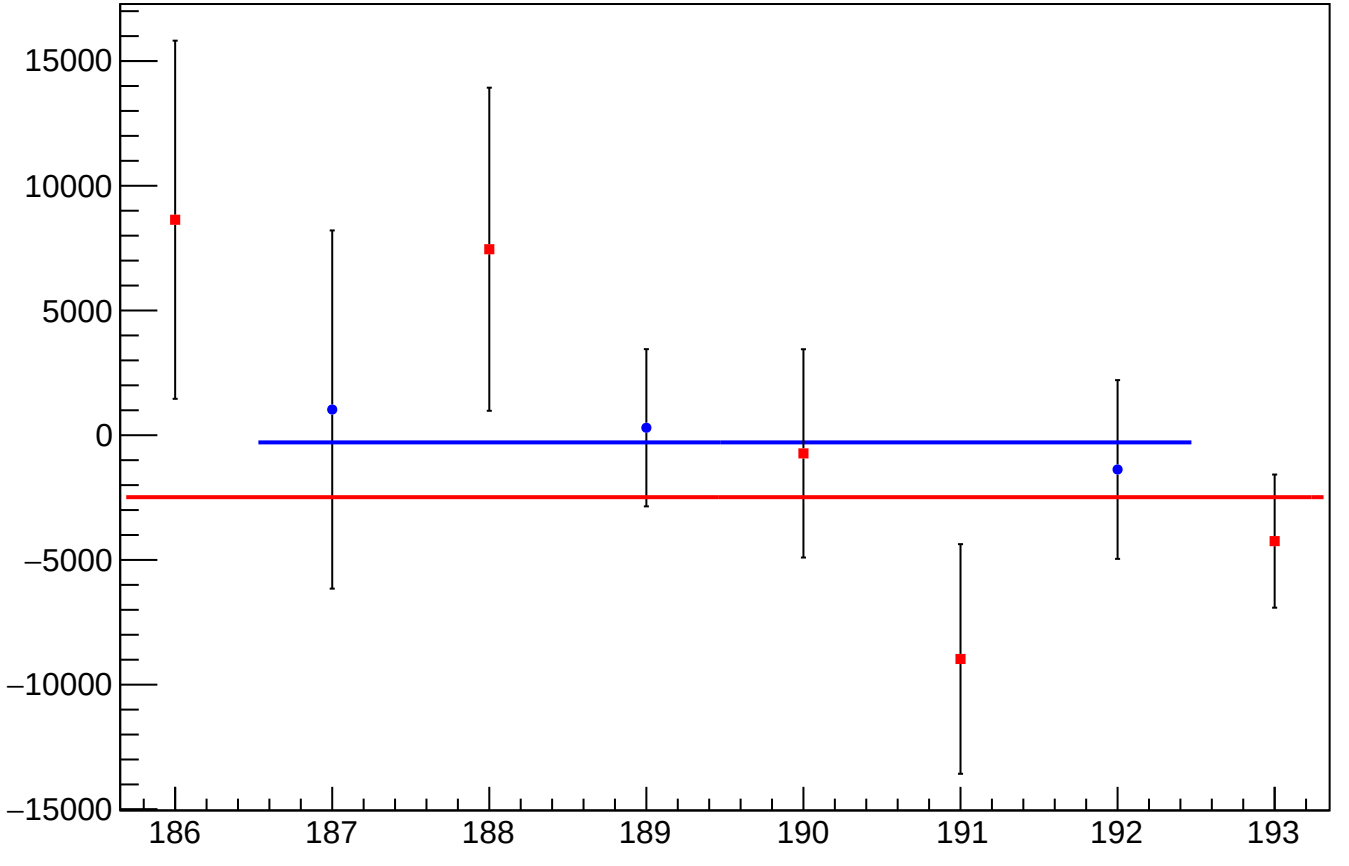
Right: 2418.381+/-1.021 χ^2/NDF: 172547.4/7

In: 2298.493+/-1.593 χ^2/NDF:11543.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2418.381+/-1.021 χ^2/NDF: 172547.4/7

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -287.798+/-2247.552 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2483.651+/-1862.762 χ^2/NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

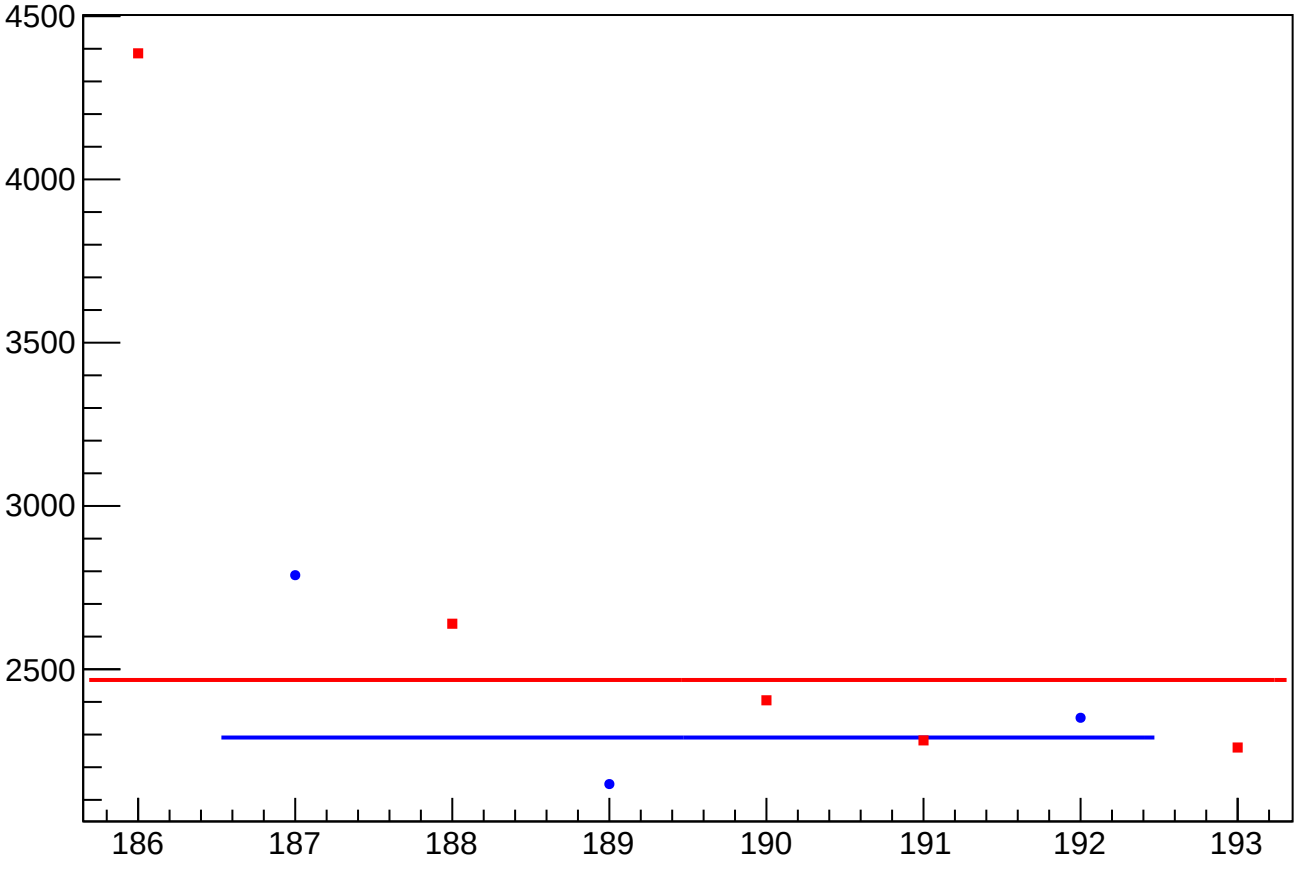
Right: -1589.505+/-1434.208 χ^2/NDF: 8.1/7

In: -287.798+/-2247.552 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1589.505+/-1434.208 χ^2/NDF: 8.1/7

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2290.945+/-1.589 χ^2/NDF: 14247.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2467.172+/-1.317 χ^2/NDF: 159998.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

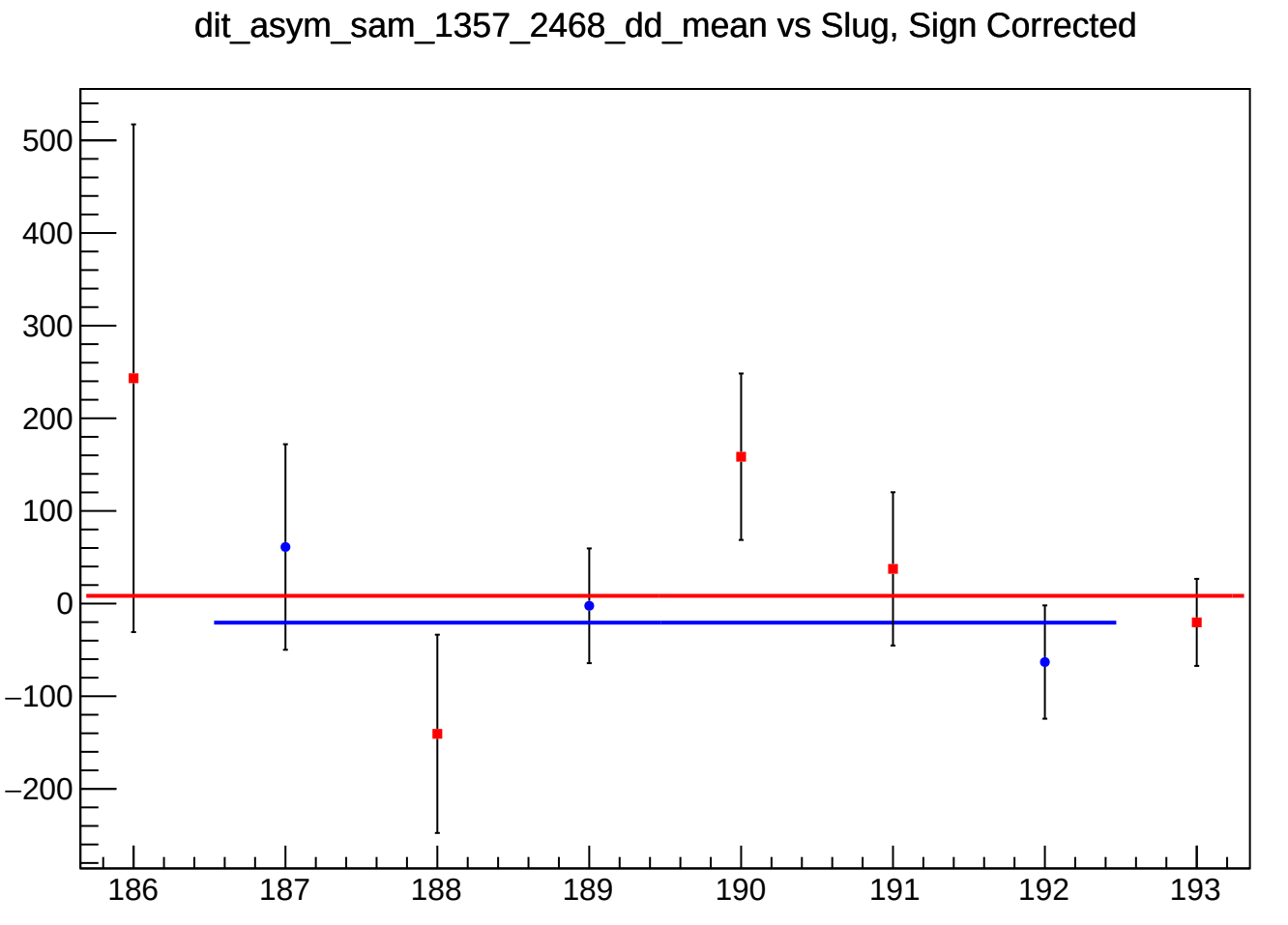
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

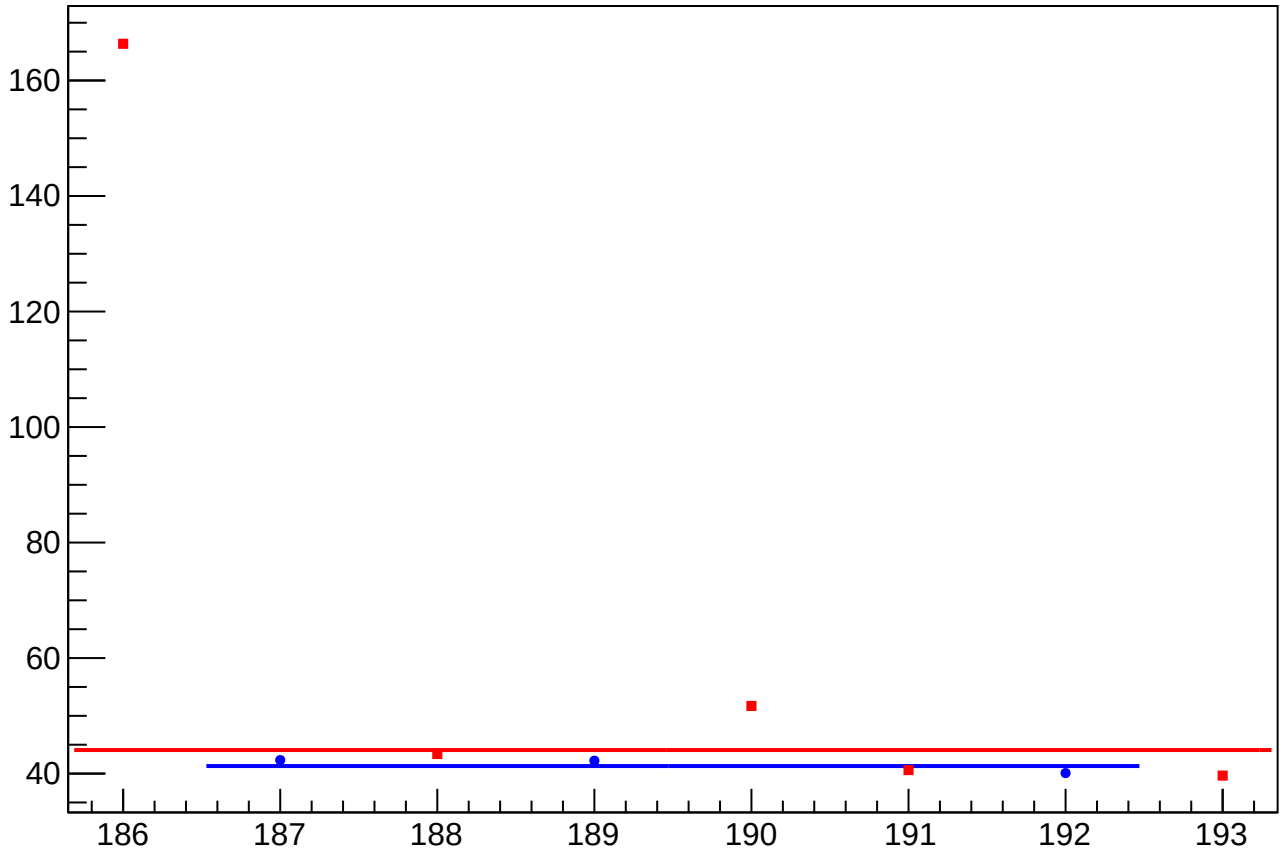
Right: 2395.413+/-1.014 χ^2/NDF: 181535.1/7

In: 2290.945+/-1.589 χ^2/NDF:14247.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2395.413+/-1.014 χ^2/NDF: 181535.1/7


dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected
500
400
300
200
100
0
−100
−200
186
187
188
189
190
191
192
193
Right In: -20.575+/-40.506 χ²/NDF: 1.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 8.363+/-34.836 χ²/NDF: 6.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -3.940+/-26.412 χ²/NDF: 7.4/7
In: -20.575+/-40.506 χ²/NDF:1.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -3.940+/-26.412 χ²/NDF: 7.4/7



Right In: 41.306+/-0.029 χ^2/NDF: 1416.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 44.080+/-0.025 χ^2/NDF: 433982.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

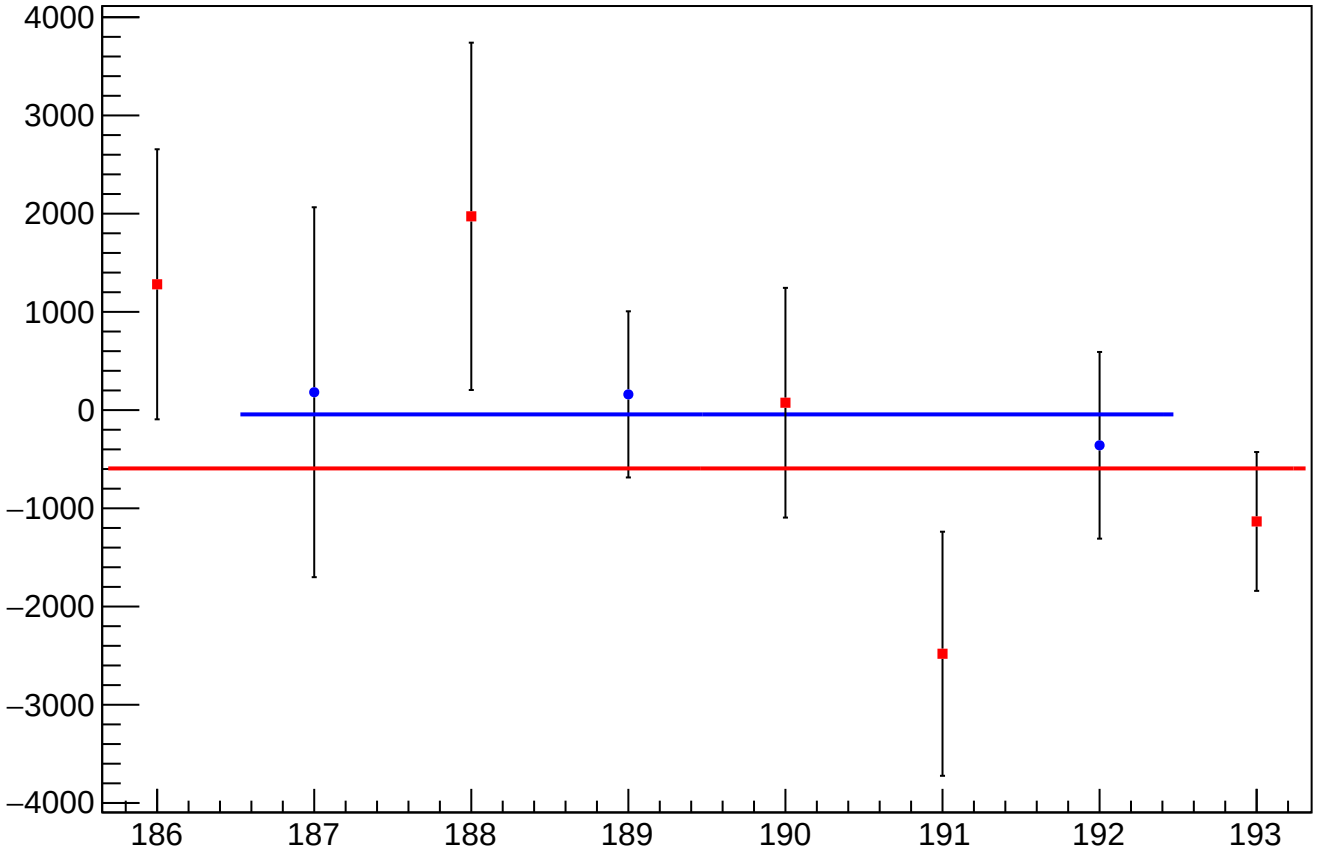
Right: 42.901+/-0.019 χ^2/NDF: 440787.2/7

In: 41.306+/-0.029 χ^2/NDF:1416.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 42.901+/-0.019 χ^2/NDF: 440787.2/7

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -43.743+/-599.008 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -593.876+/-486.244 χ^2/NDF: 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

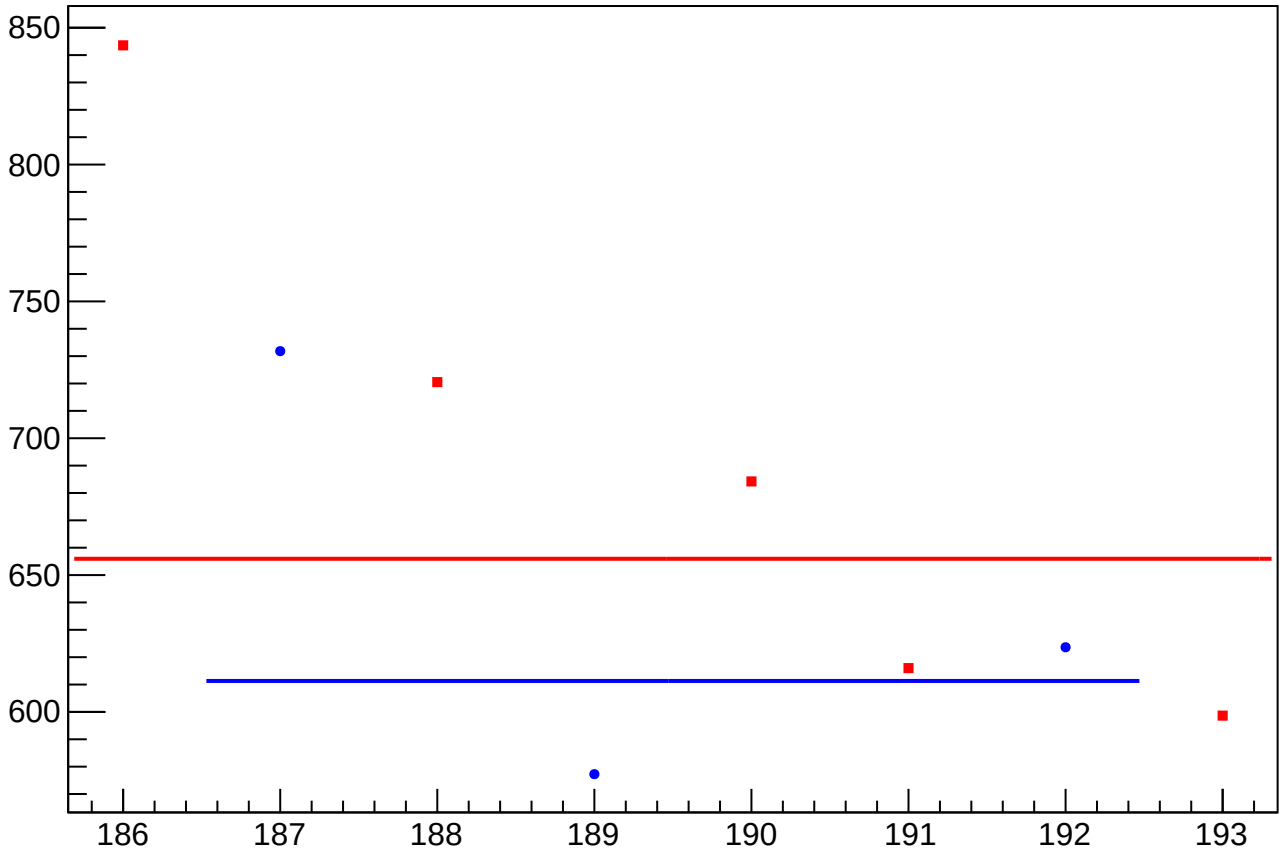
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -375.361+/-377.520 χ^2/NDF: 7.9/7

In: -43.743+/-599.008 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -375.361+/-377.520 χ^2/NDF: 7.9/7



Right In: 611.318+/-0.424 χ^2/NDF: 11768.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 655.956+/-0.344 χ^2/NDF: 56296.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

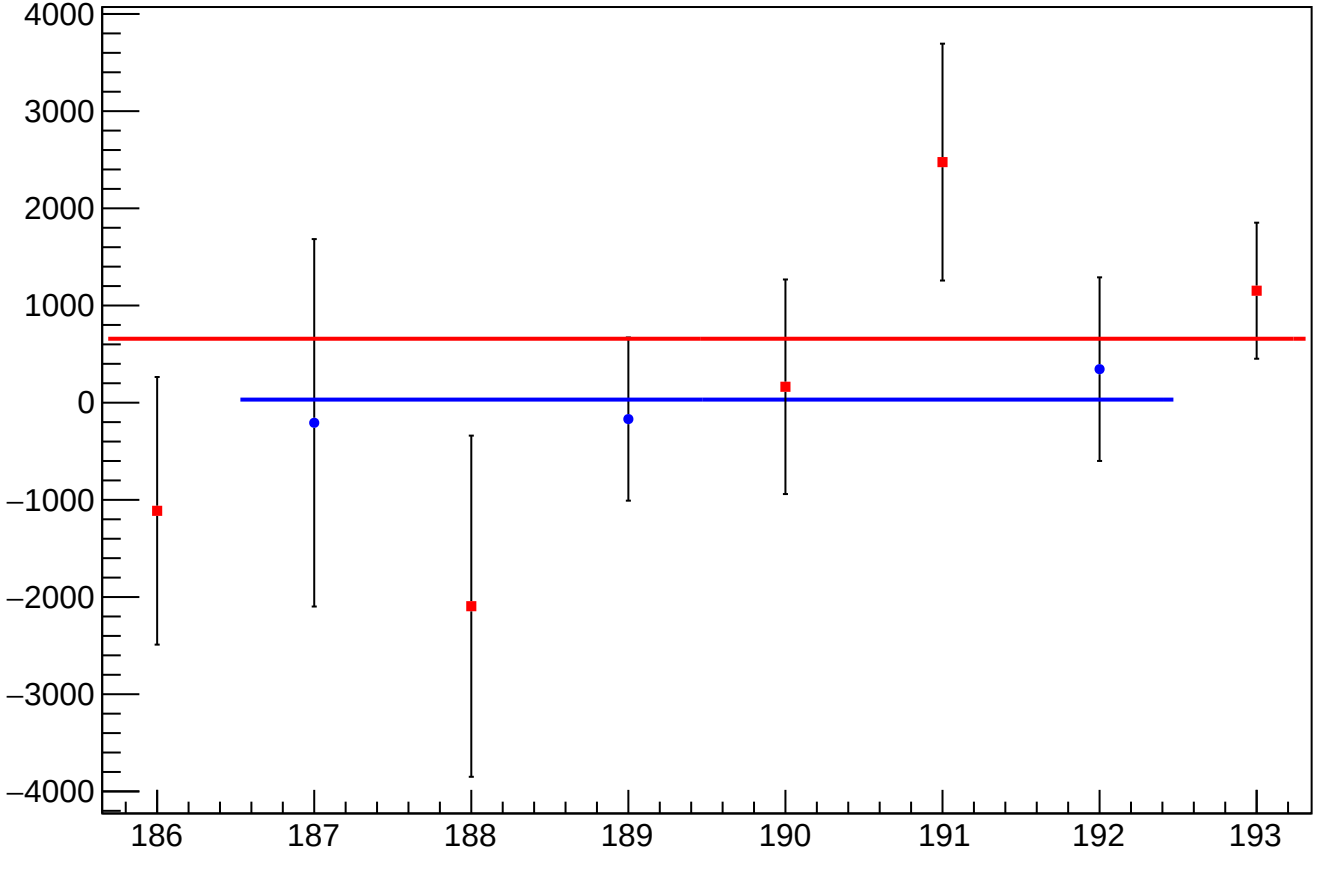
Right: 638.226+/-0.267 χ^2/NDF: 74760.0/7

In: 611.318+/-0.424 χ^2/NDF:11768.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 638.226+/-0.267 χ^2/NDF: 74760.0/7

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 31.797+/-595.628 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 658.038+/-477.488 χ^2/NDF: 7.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

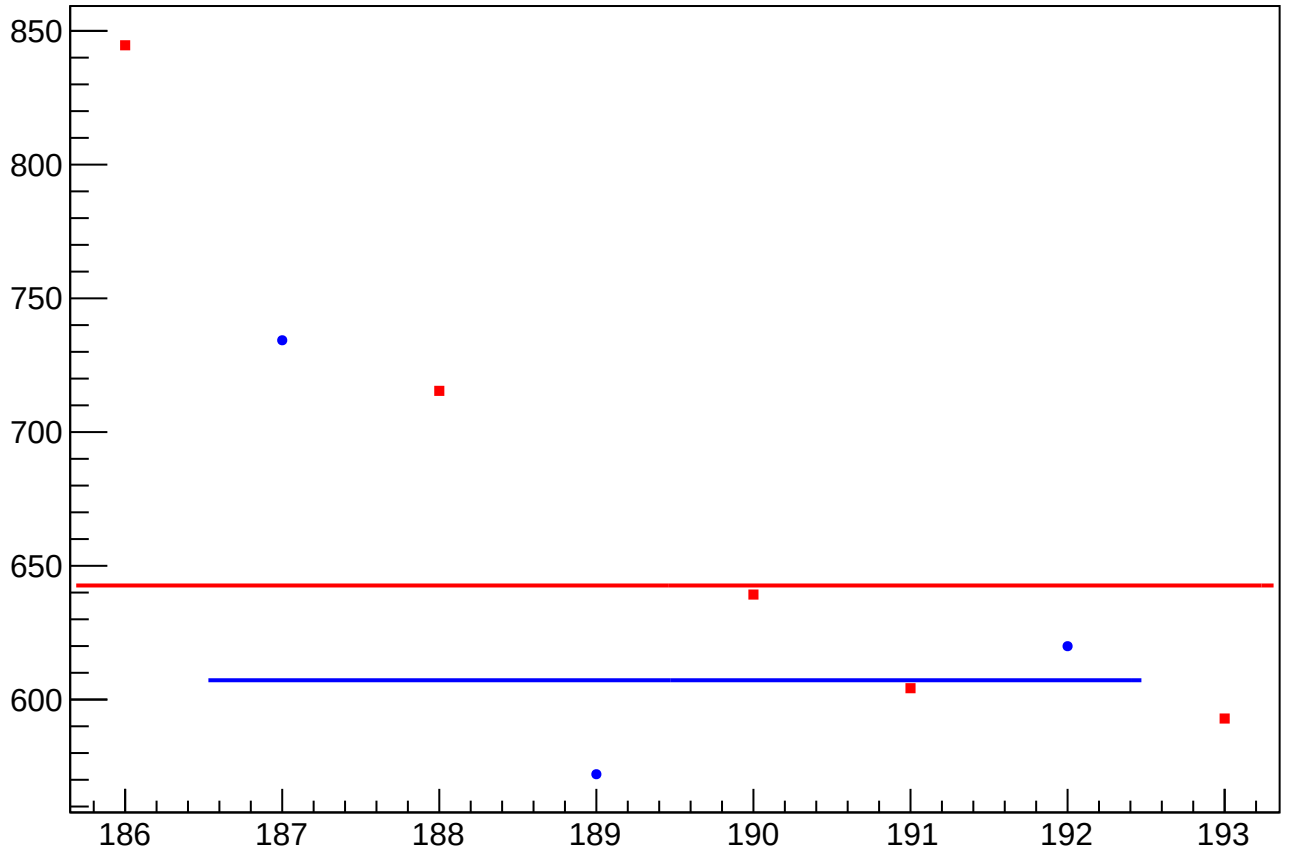
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 413.035+/-372.555 χ^2/NDF: 7.9/7

In: 31.797+/-595.628 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 413.035+/-372.555 χ^2/NDF: 7.9/7



Right In: 607.214+/-0.421 χ^2/NDF: 12906.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 642.646+/-0.338 χ^2/NDF: 58570.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

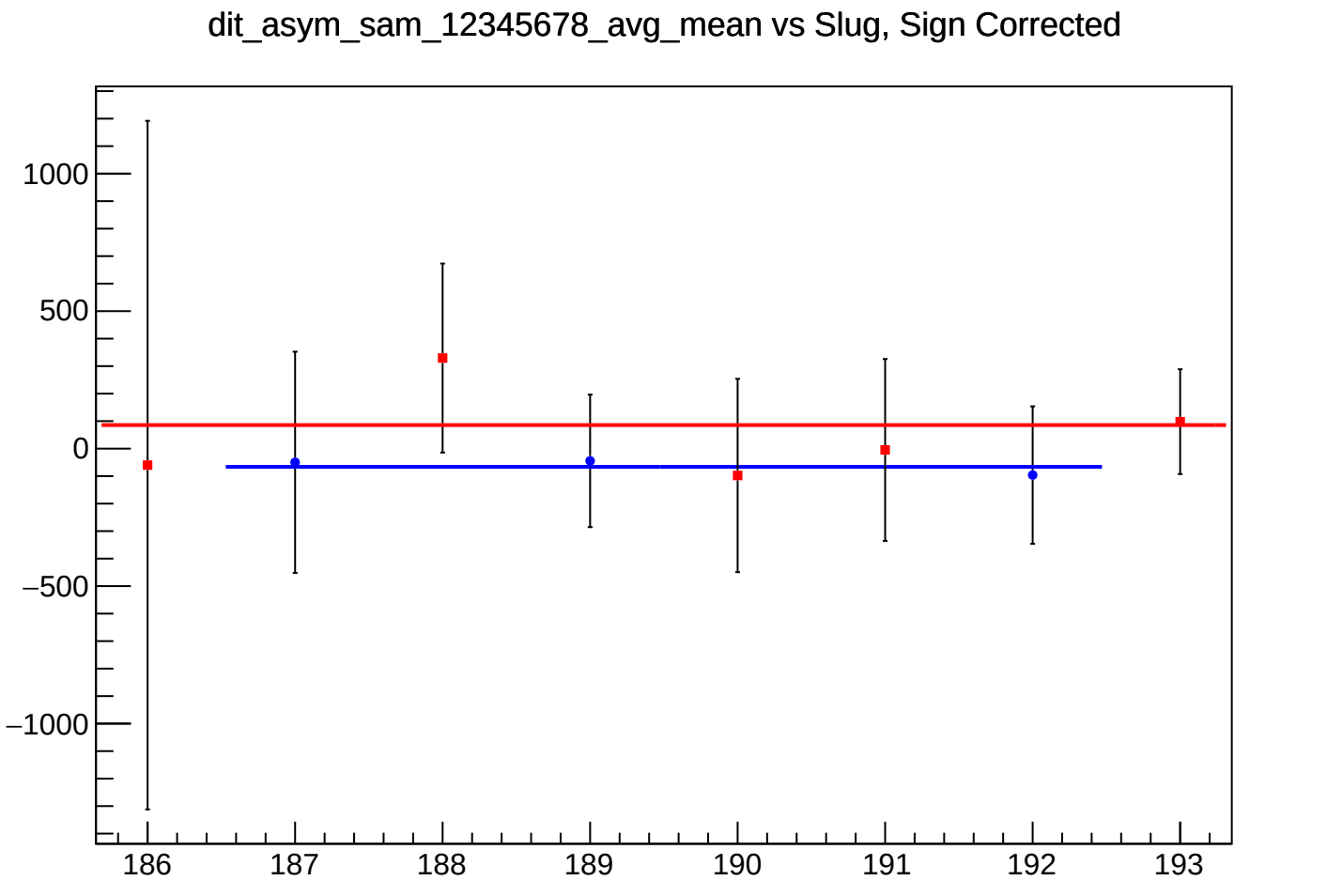
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 628.784+/-0.263 χ^2/NDF: 75785.0/7

In: 607.214+/-0.421 χ^2/NDF:12906.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 628.784+/-0.263 χ^2/NDF: 75785.0/7



Right In: -66.301+/-159.251 χ^2/NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 85.668+/-136.237 χ^2/NDF: 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

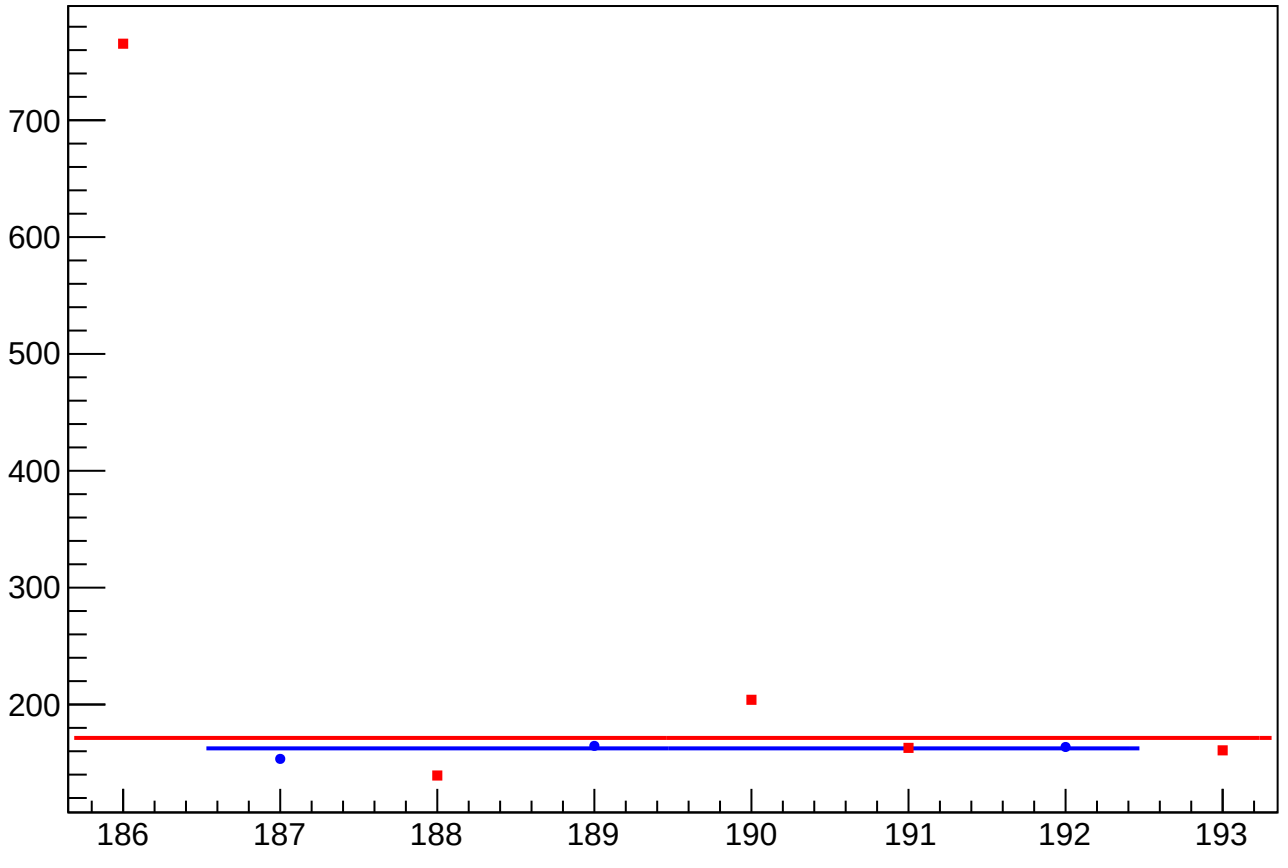
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

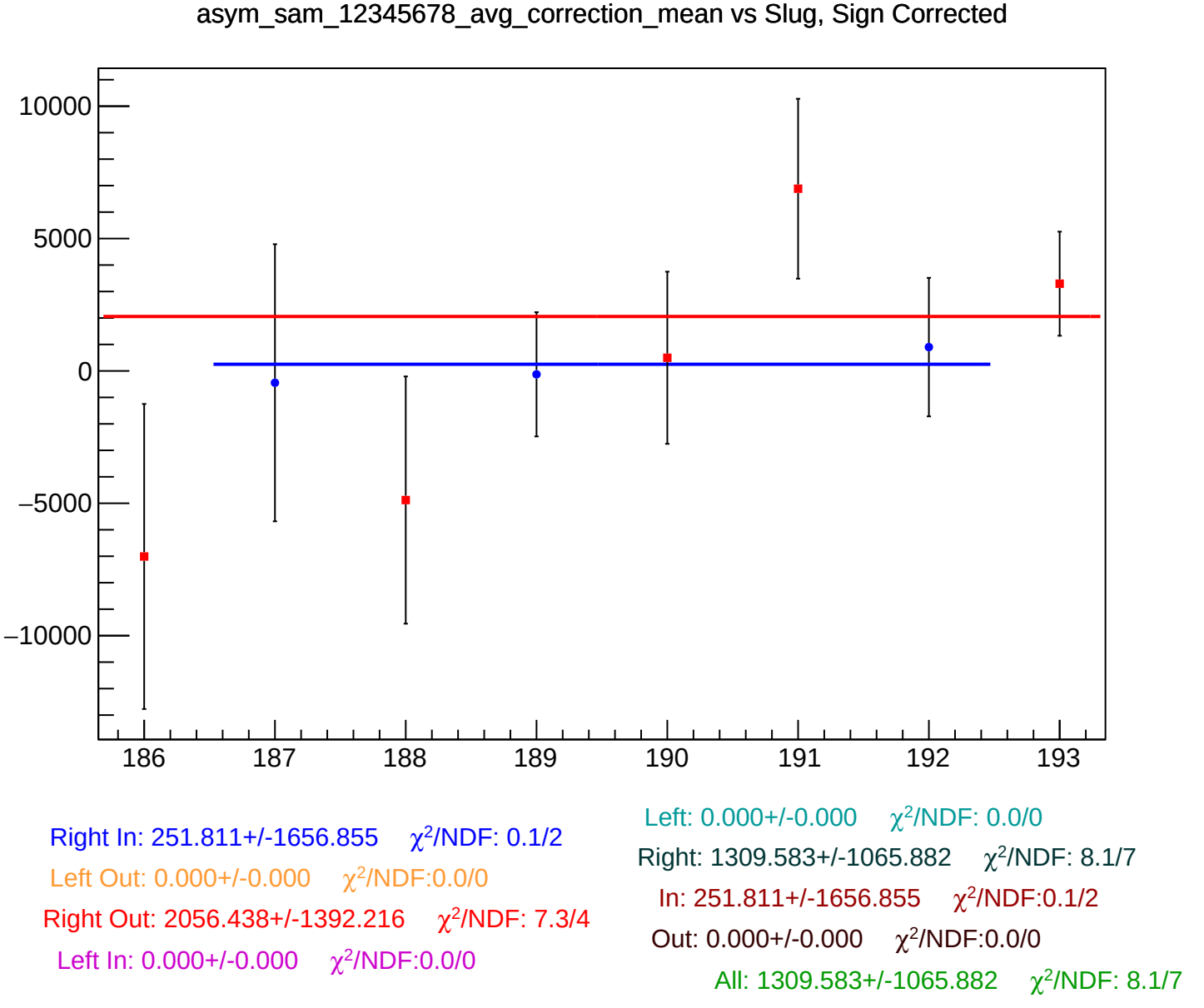
Right: 21.449+/-103.523 χ^2/NDF: 1.4/7

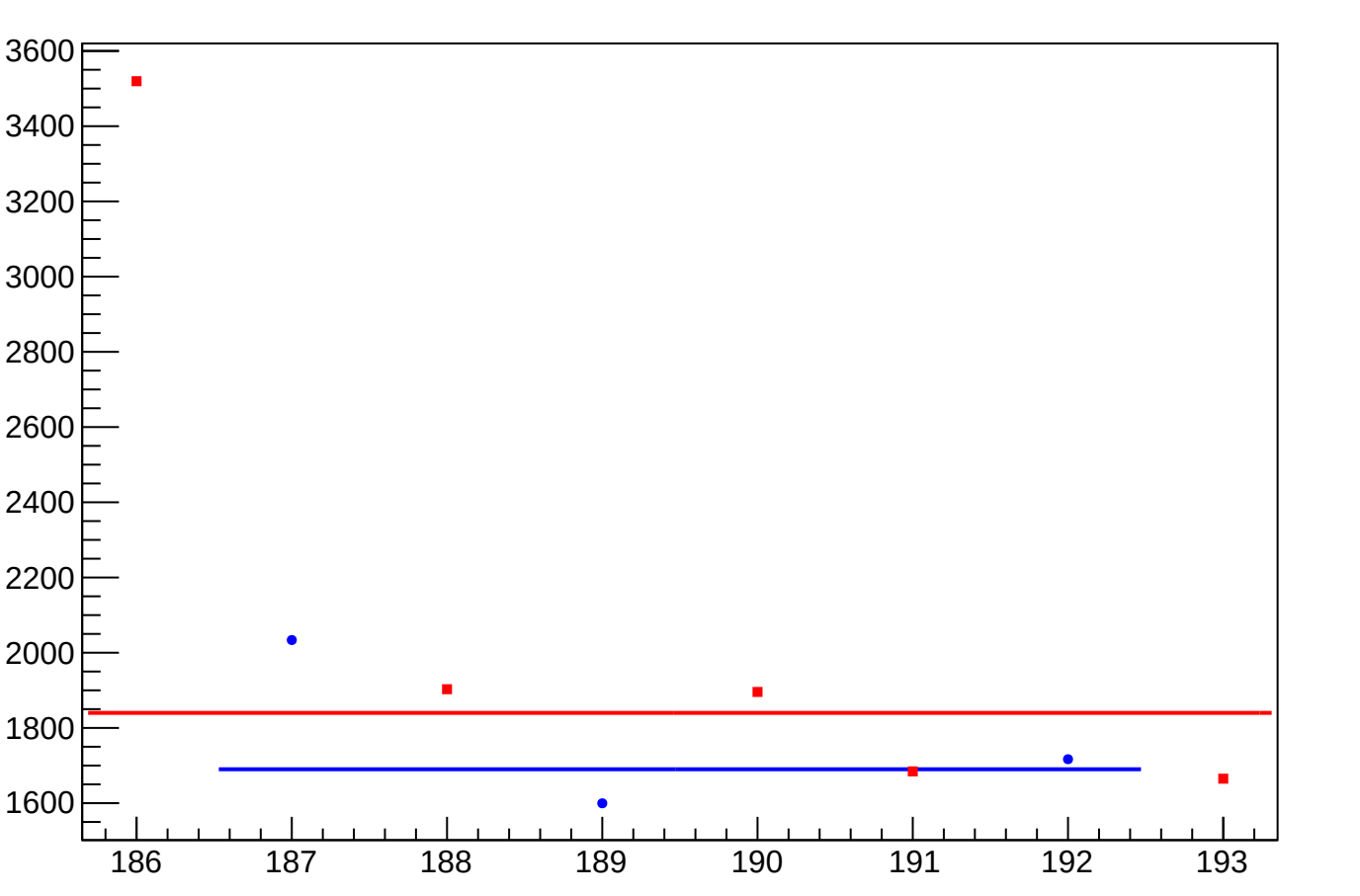
In: -66.301+/-159.251 χ^2/NDF:0.0/2

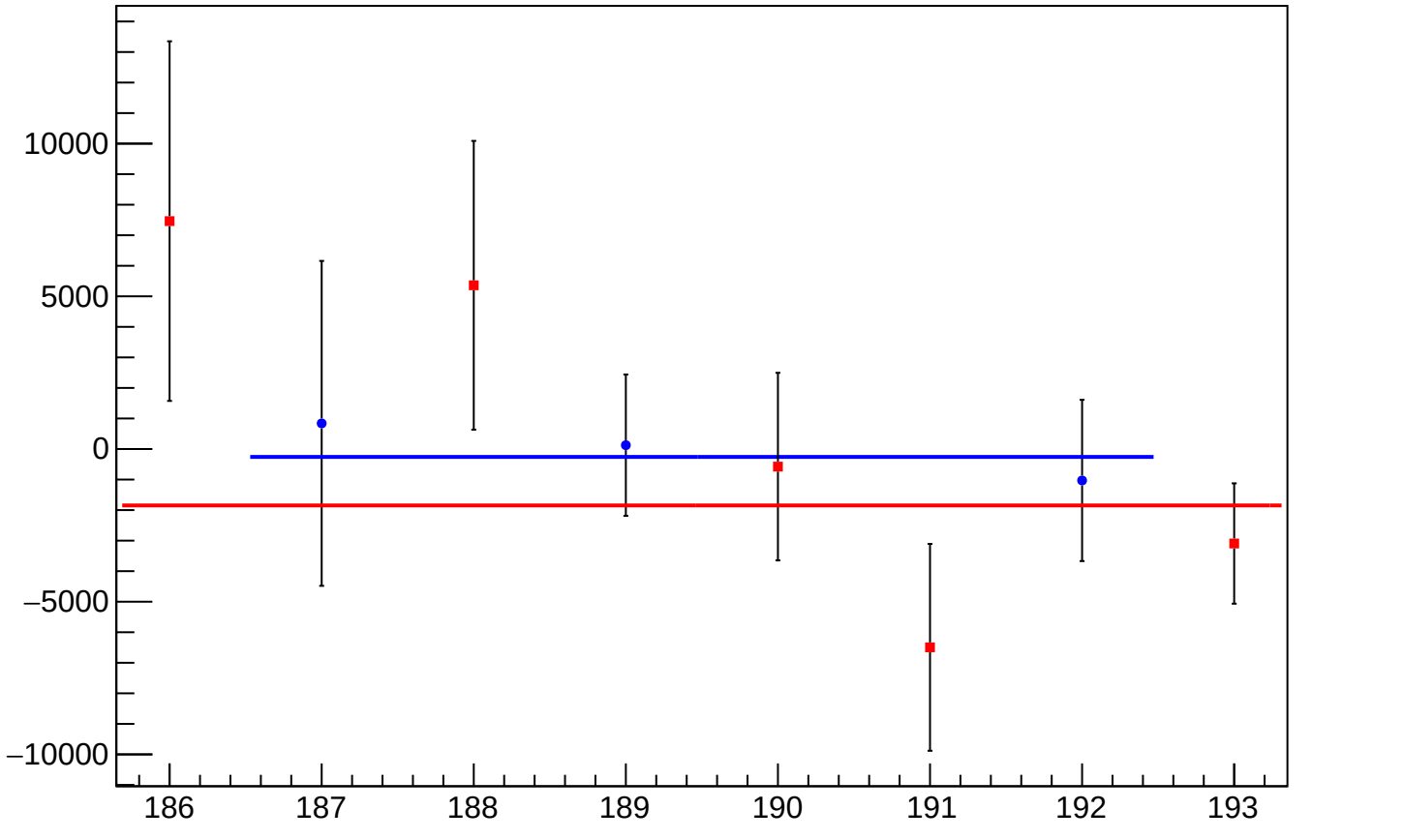
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.449+/-103.523 χ^2/NDF: 1.4/7


dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected
700
600
500
400
300
200
186
187
188
189
190
191
192
193
Right In: 162.464+/-0.113 χ²/NDF: 1202.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 171.401+/-0.096 χ²/NDF: 492615.2/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 167.625+/-0.073 χ²/NDF: 497454.7/7
In: 162.464+/-0.113 χ²/NDF:1202.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 167.625+/-0.073 χ²/NDF: 497454.7/7


asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected
10000
5000
0
−5000
−10000
186
187
188
189
190
191
192
193
Right In: 251.811+/-1656.855 χ²/NDF: 0.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2056.438+/-1392.216 χ²/NDF: 7.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1309.583+/-1065.882 χ²/NDF: 8.1/7
In: 251.811+/-1656.855 χ²/NDF:0.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1309.583+/-1065.882 χ²/NDF: 8.1/7


asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
186
187
188
189
190
191
192
193
Right In: 1690.138+/-1.172 χ²/NDF: 11801.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1840.048+/-0.984 χ²/NDF: 190928.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1778.007+/-0.754 χ²/NDF: 212325.8/7
In: 1690.138+/-1.172 χ²/NDF:11801.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1778.007+/-0.754 χ²/NDF: 212325.8/7



Right In: -258.810+/-1654.328 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1847.716+/-1381.153 χ^2/NDF: 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

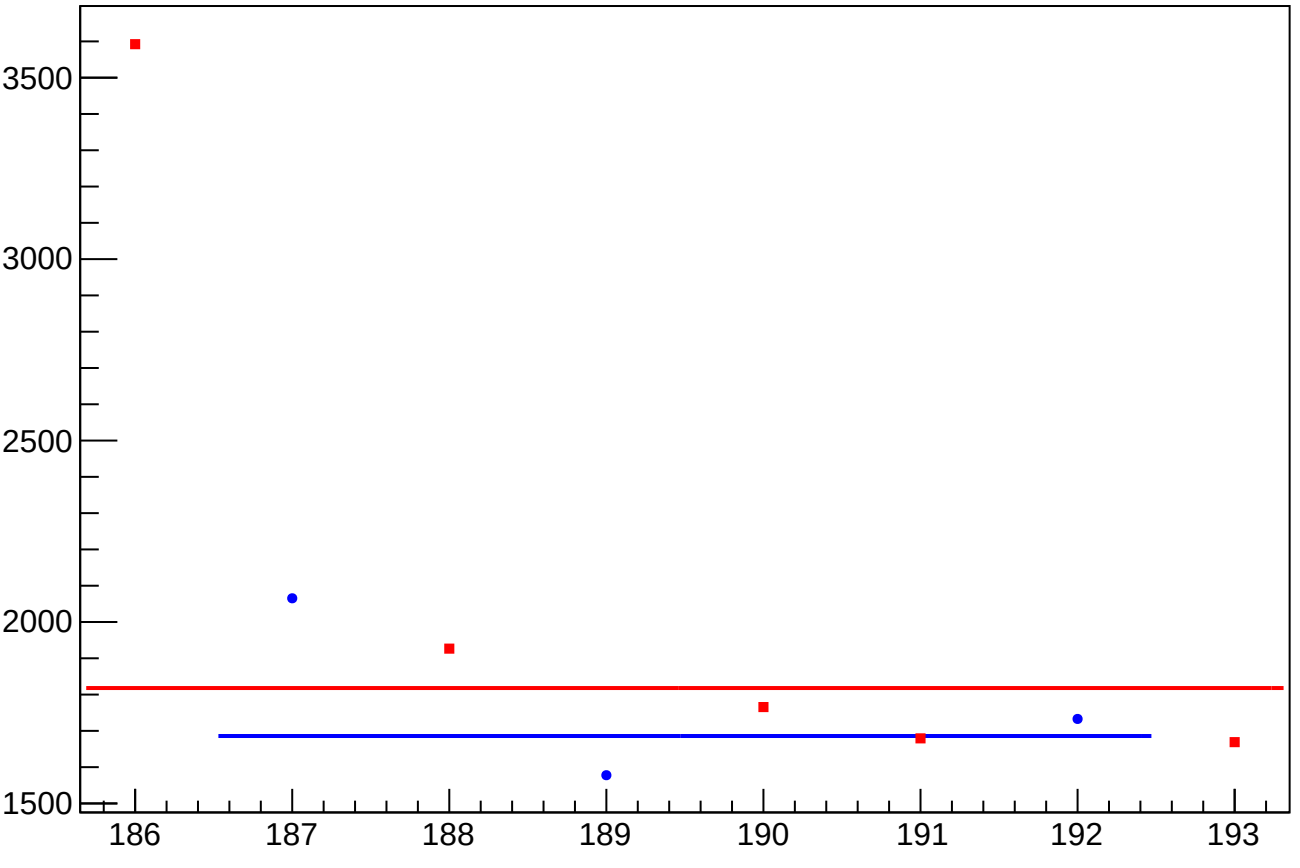
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1195.106+/-1060.228 χ^2/NDF: 8.0/7

In: -258.810+/-1654.328 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1195.106+/-1060.228 χ^2/NDF: 8.0/7



Right In: 1685.827+/-1.170 χ^2/NDF: 15170.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1818.034+/-0.977 χ^2/NDF: 198053.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

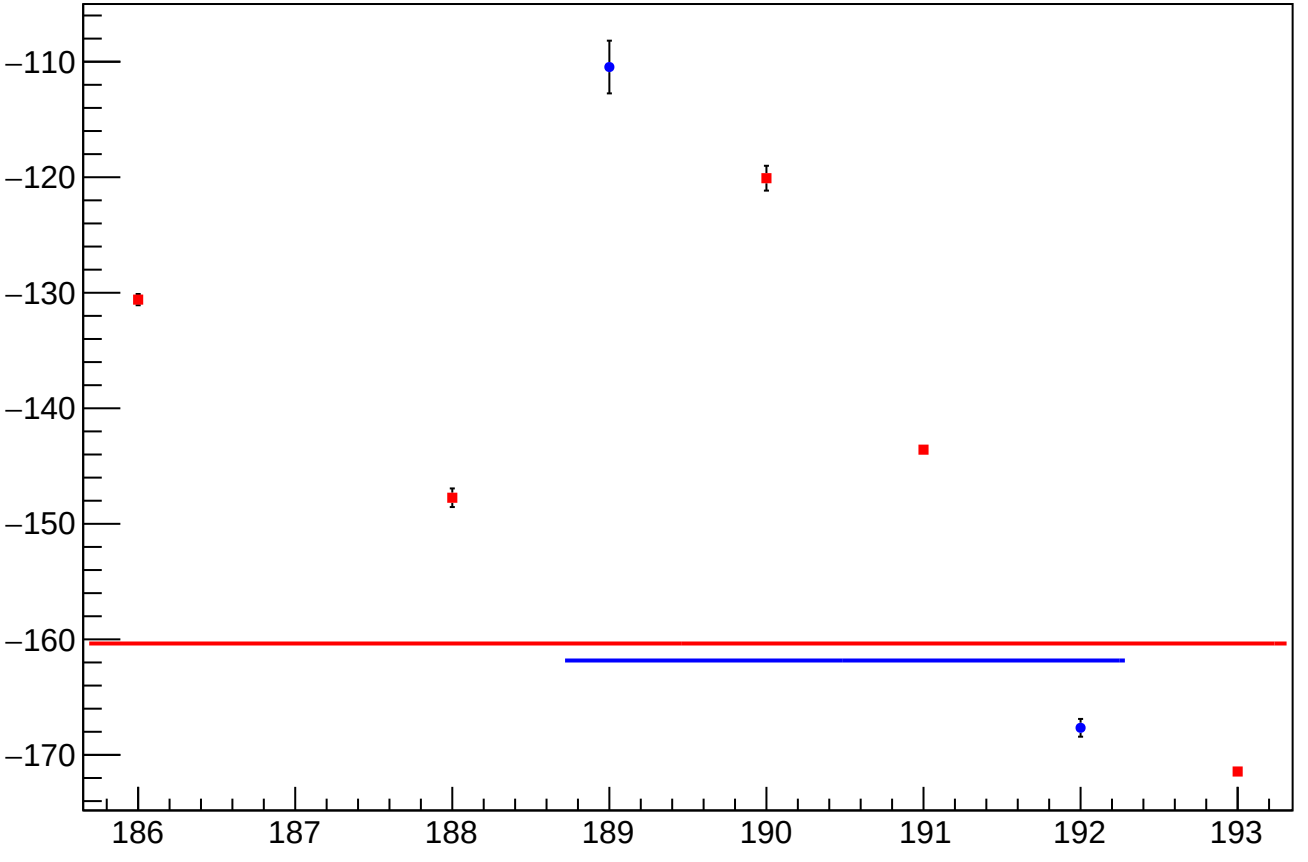
Right: 1763.732+/-0.750 χ^2/NDF: 220750.8/7

In: 1685.827+/-1.170 χ^2/NDF:15170.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1763.732+/-0.750 χ^2/NDF: 220750.8/7

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -161.830+/-0.728 χ^2/NDF: 564.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -160.359+/-0.162 χ^2/NDF: 10249.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

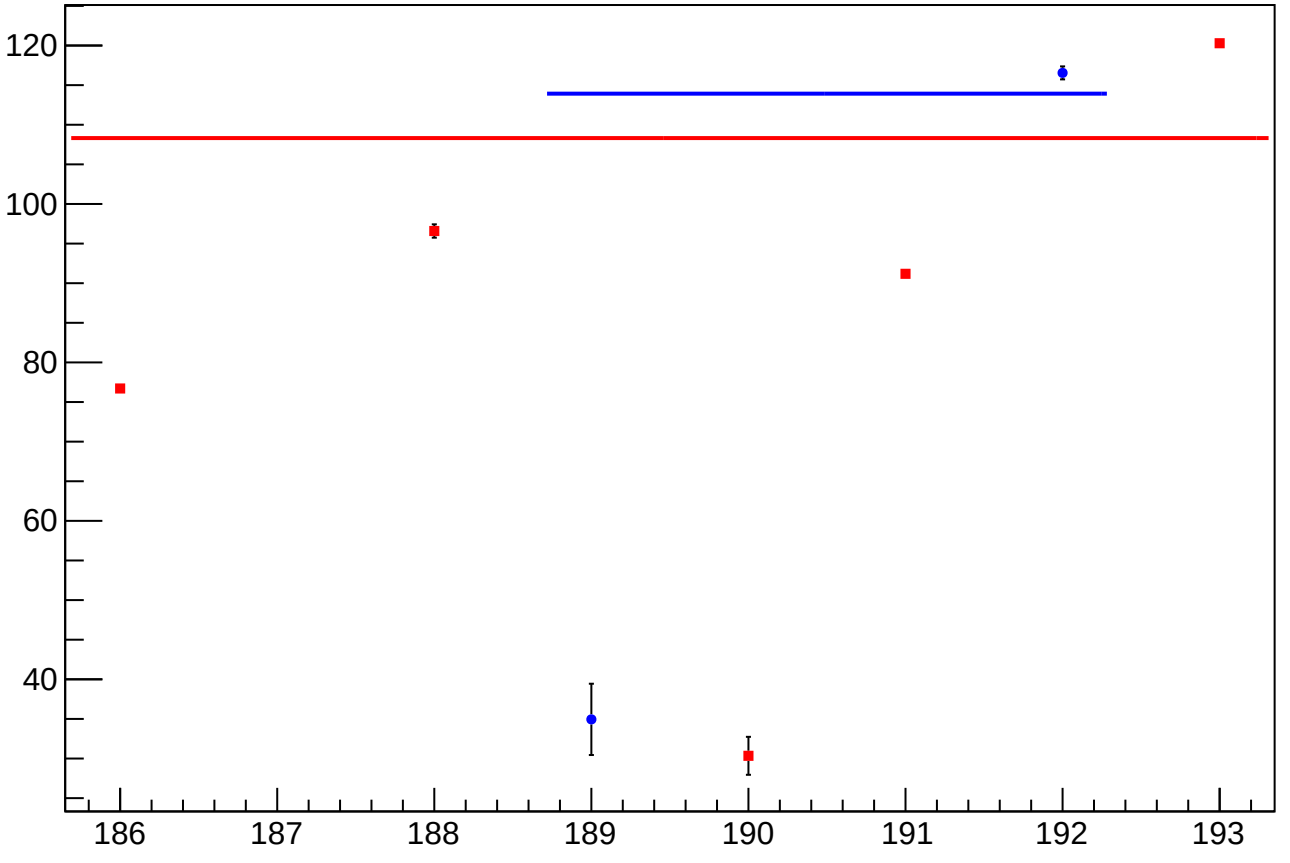
Right: -160.428+/-0.158 χ^2/NDF: 10817.6/6

In: -161.830+/-0.728 χ^2/NDF:564.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -160.428+/-0.158 χ^2/NDF: 10817.6/6

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 113.925+/-0.806 χ^2/NDF: 318.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 108.318+/-0.159 χ^2/NDF: 11701.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

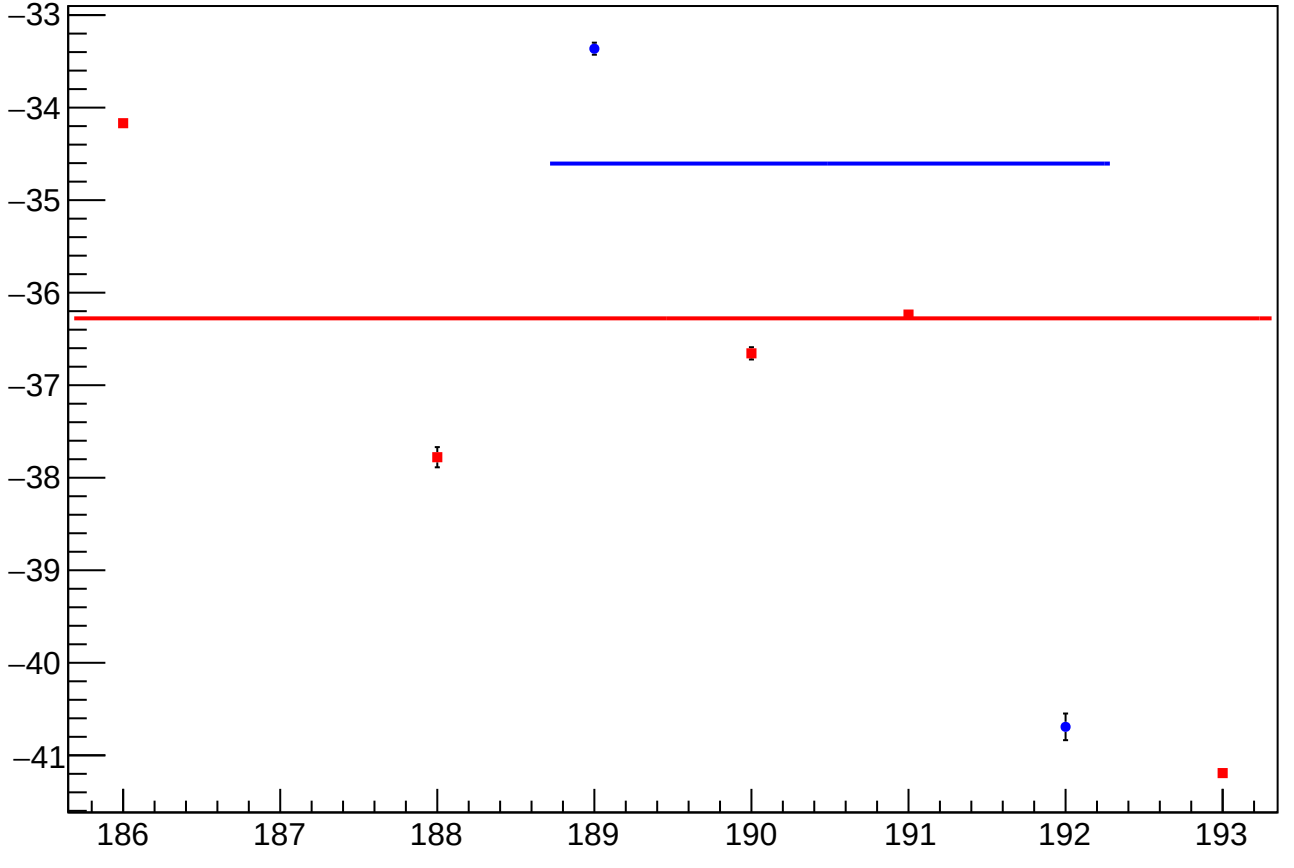
Right: 108.528+/-0.156 χ^2/NDF: 12066.7/6

In: 113.925+/-0.806 χ^2/NDF:318.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 108.528+/-0.156 χ^2/NDF: 12066.7/6

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -34.605+/-0.059 χ^2/NDF: 2151.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.278+/-0.014 χ^2/NDF: 40811.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

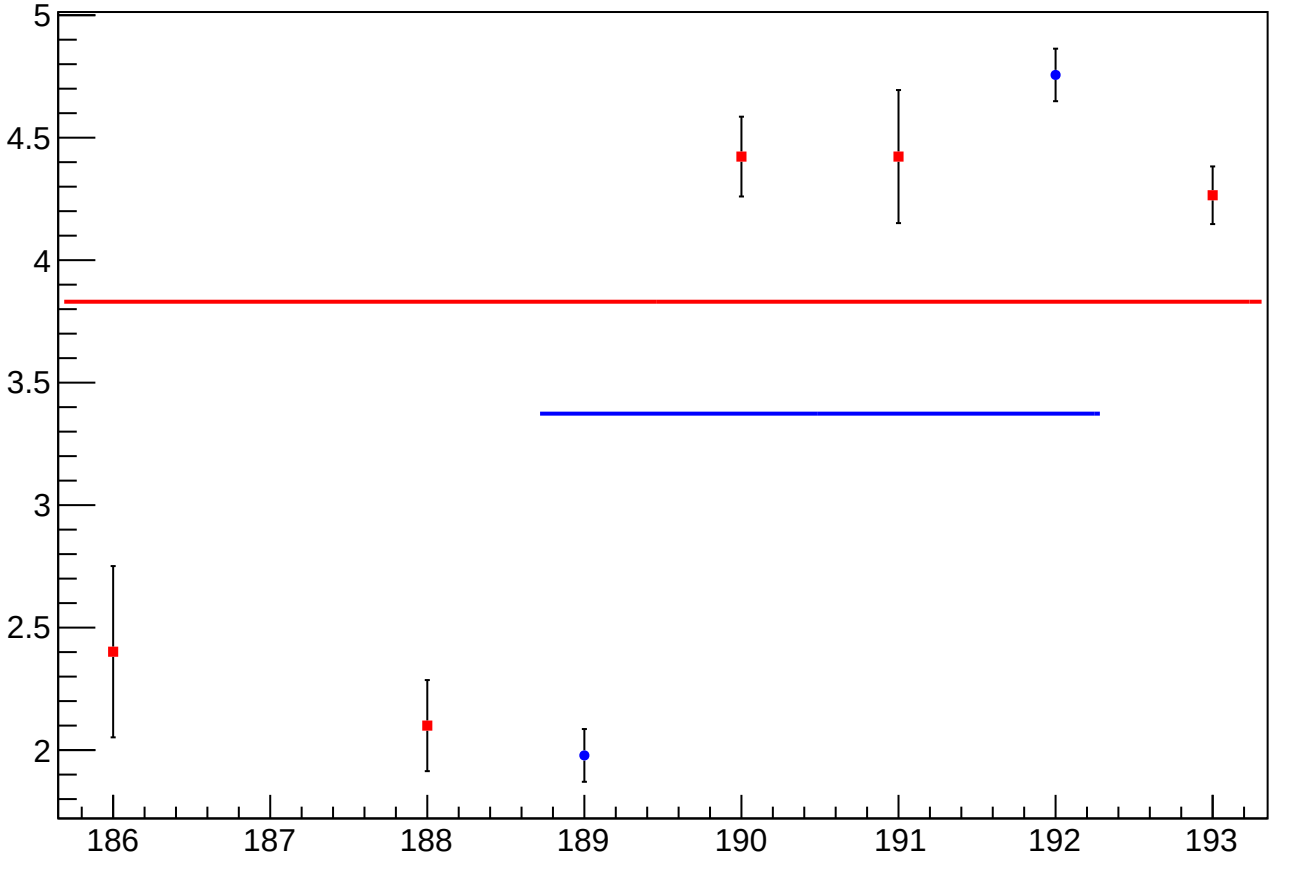
Right: -36.188+/-0.014 χ^2/NDF: 43716.5/6

In: -34.605+/-0.059 χ^2/NDF:2151.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -36.188+/-0.014 χ^2/NDF: 43716.5/6

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: 3.373+/-0.076 χ^2/NDF: 334.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.830+/-0.079 χ^2/NDF: 135.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

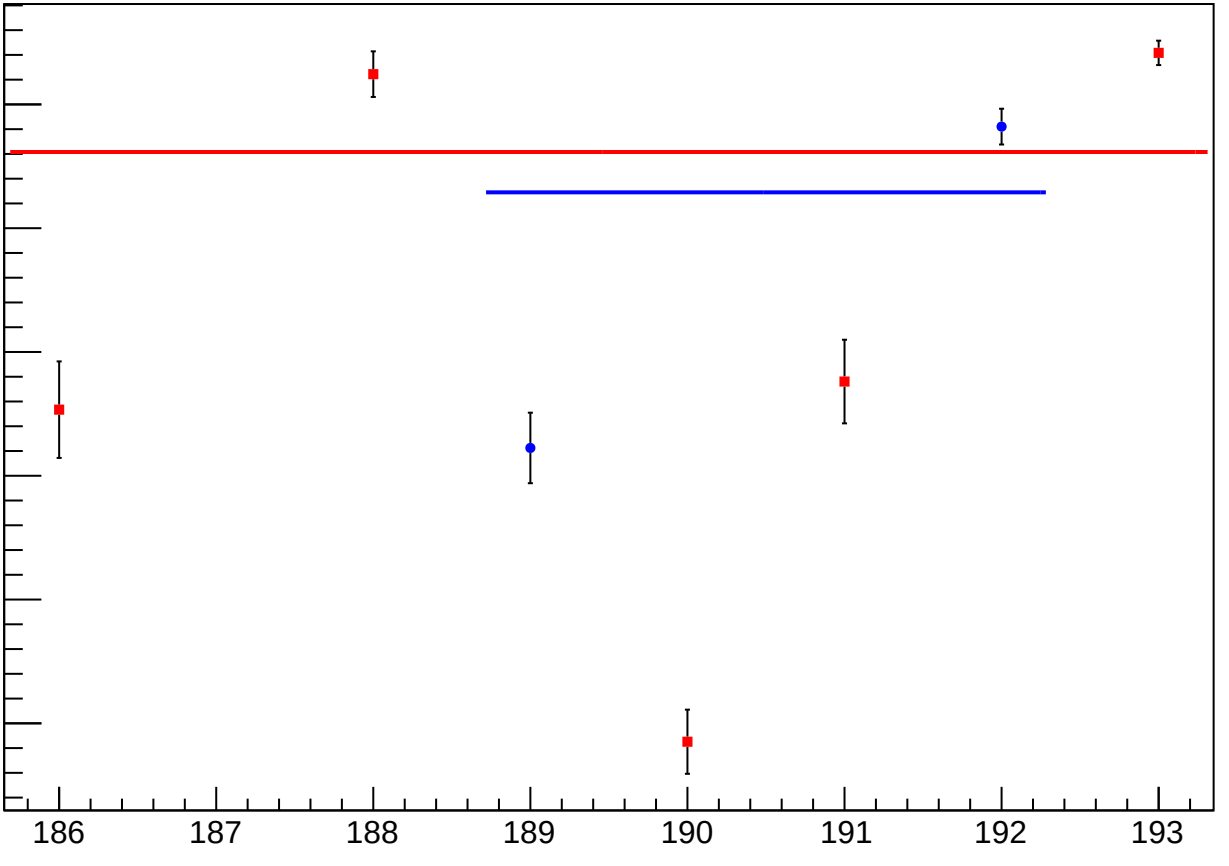
Right: 3.593+/-0.055 χ^2/NDF: 486.5/6

In: 3.373+/-0.076 χ^2/NDF:334.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.593+/-0.055 χ^2/NDF: 486.5/6

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 16.290+/-0.129 χ^2/NDF: 66.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.616+/-0.078 χ^2/NDF: 474.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

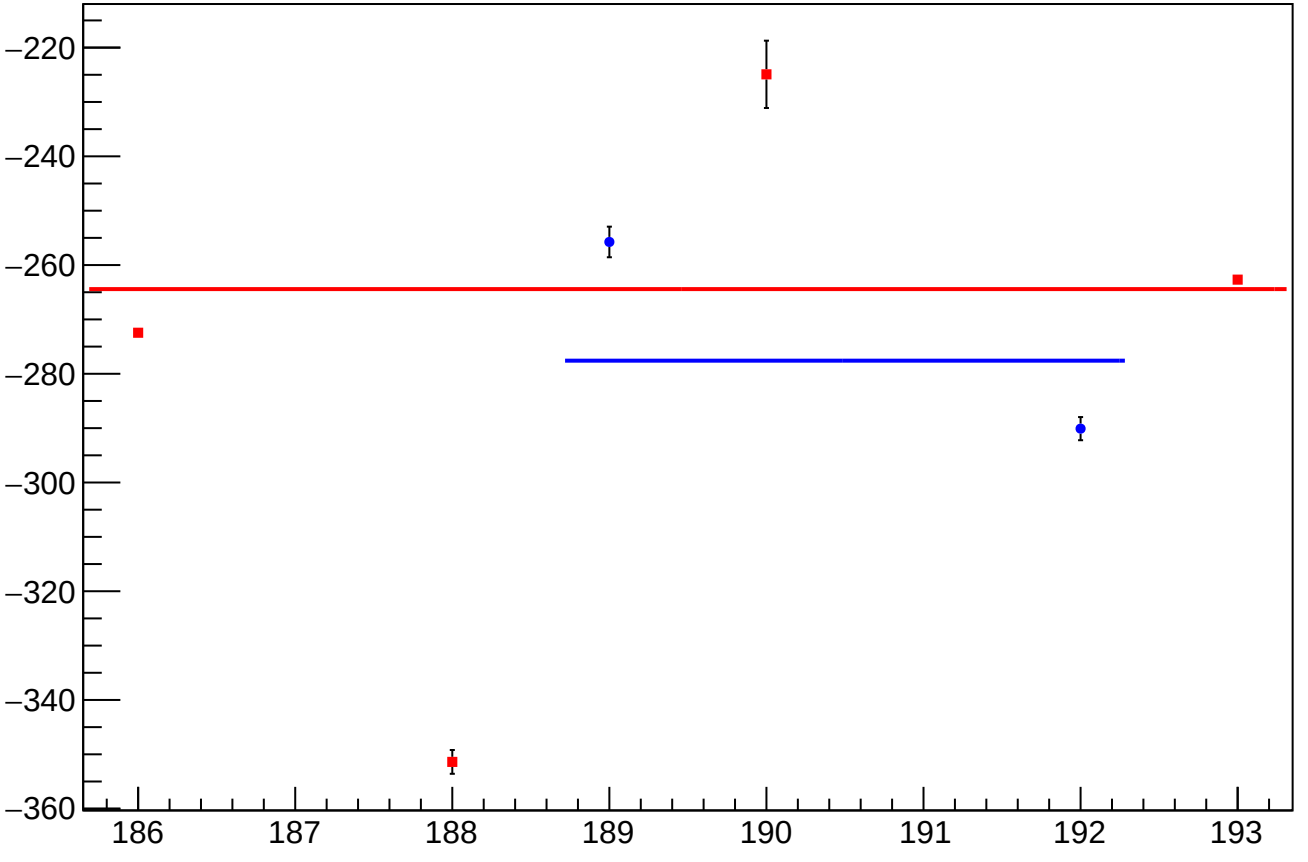
Right: 16.527+/-0.067 χ^2/NDF: 545.0/6

In: 16.290+/-0.129 χ^2/NDF:66.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.527+/-0.067 χ^2/NDF: 545.0/6

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -277.588+/-1.699 χ^2/NDF: 94.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -264.422+/-0.189 χ^2/NDF: 1897.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

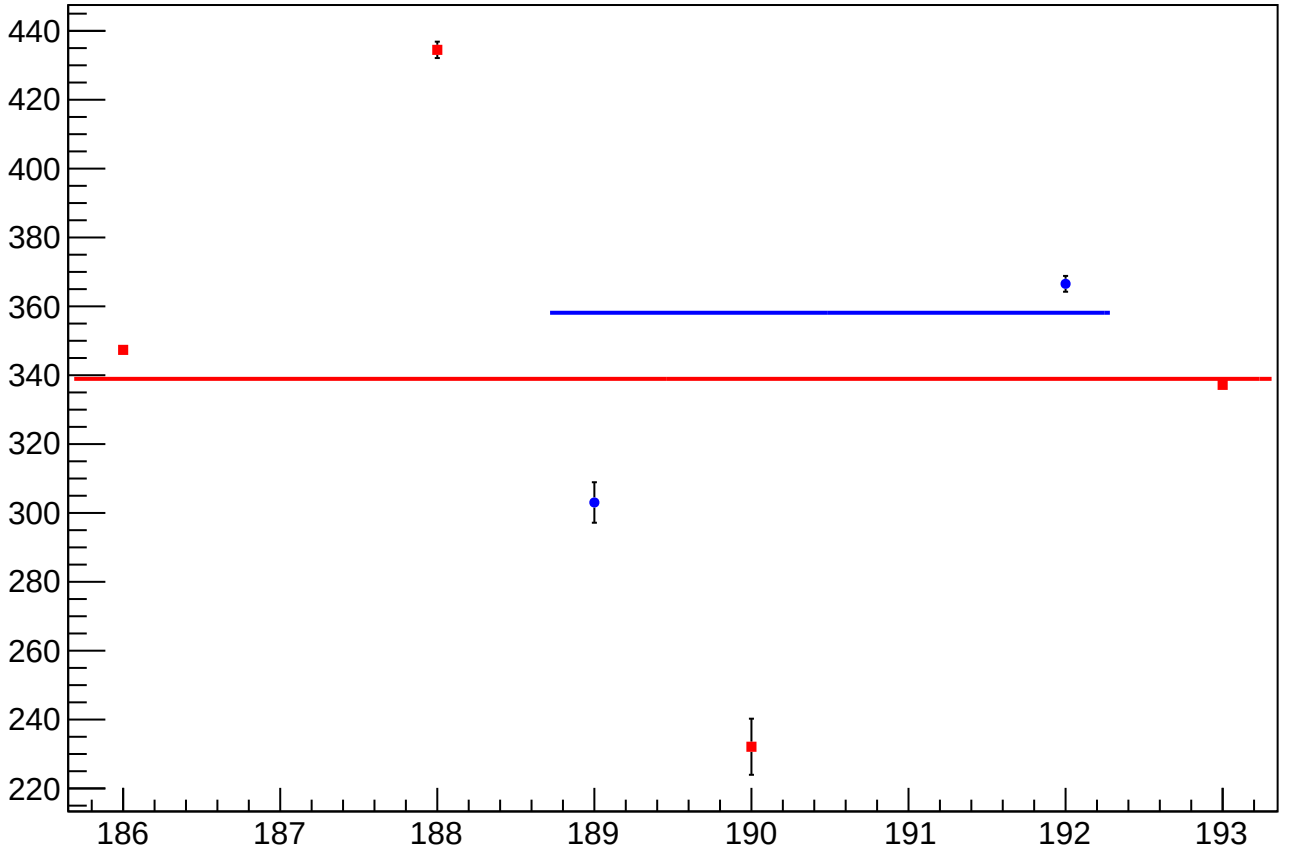
Right: -264.584+/-0.188 χ^2/NDF: 2051.7/5

In: -277.588+/-1.699 χ^2/NDF:94.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -264.584+/-0.188 χ^2/NDF: 2051.7/5

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 358.140+/-2.139 χ^2/NDF: 101.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 338.945+/-0.184 χ^2/NDF: 2116.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

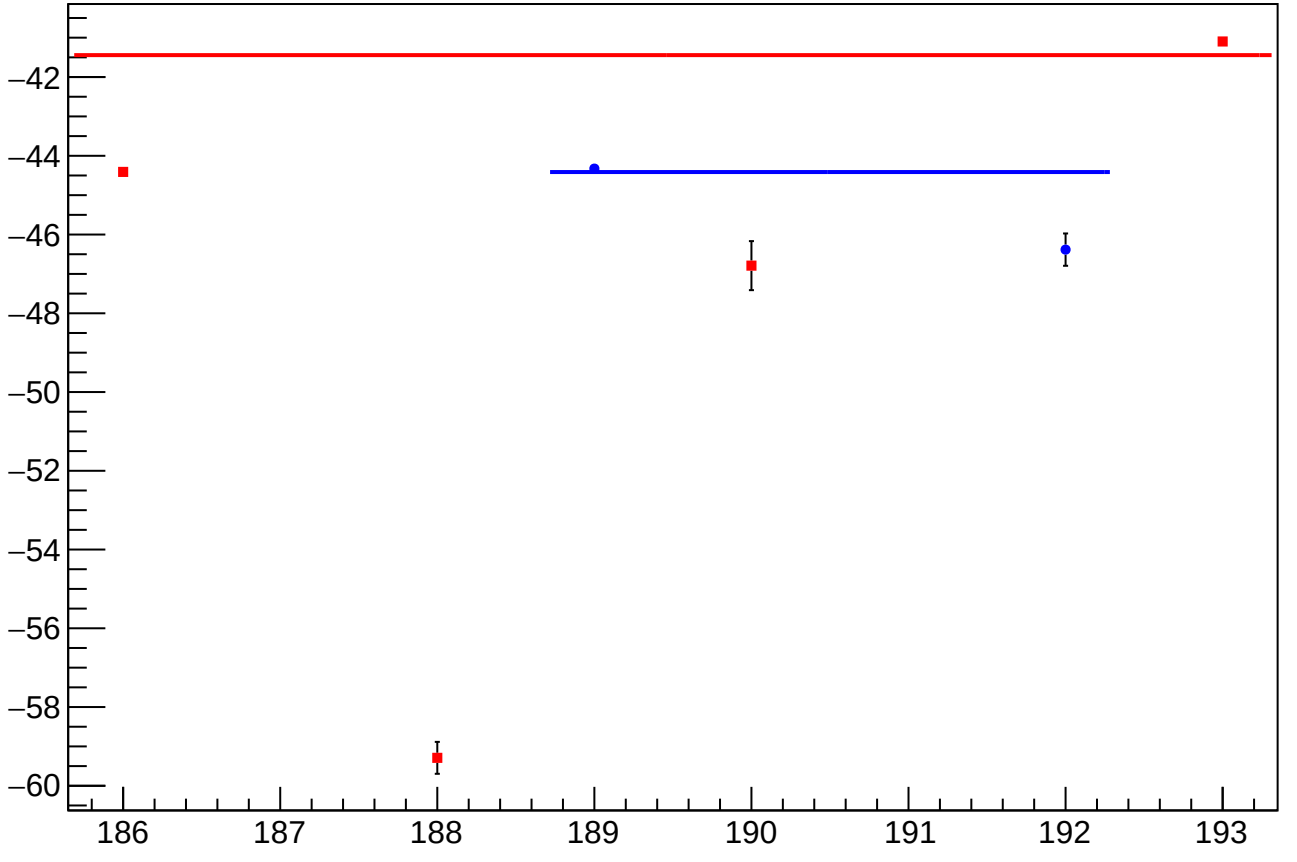
Right: 339.086+/-0.183 χ^2/NDF: 2297.5/5

In: 358.140+/-2.139 χ^2/NDF:101.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 339.086+/-0.183 χ^2/NDF: 2297.5/5

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -44.413+/-0.085 χ^2/NDF: 24.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.443+/-0.020 χ^2/NDF: 4351.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

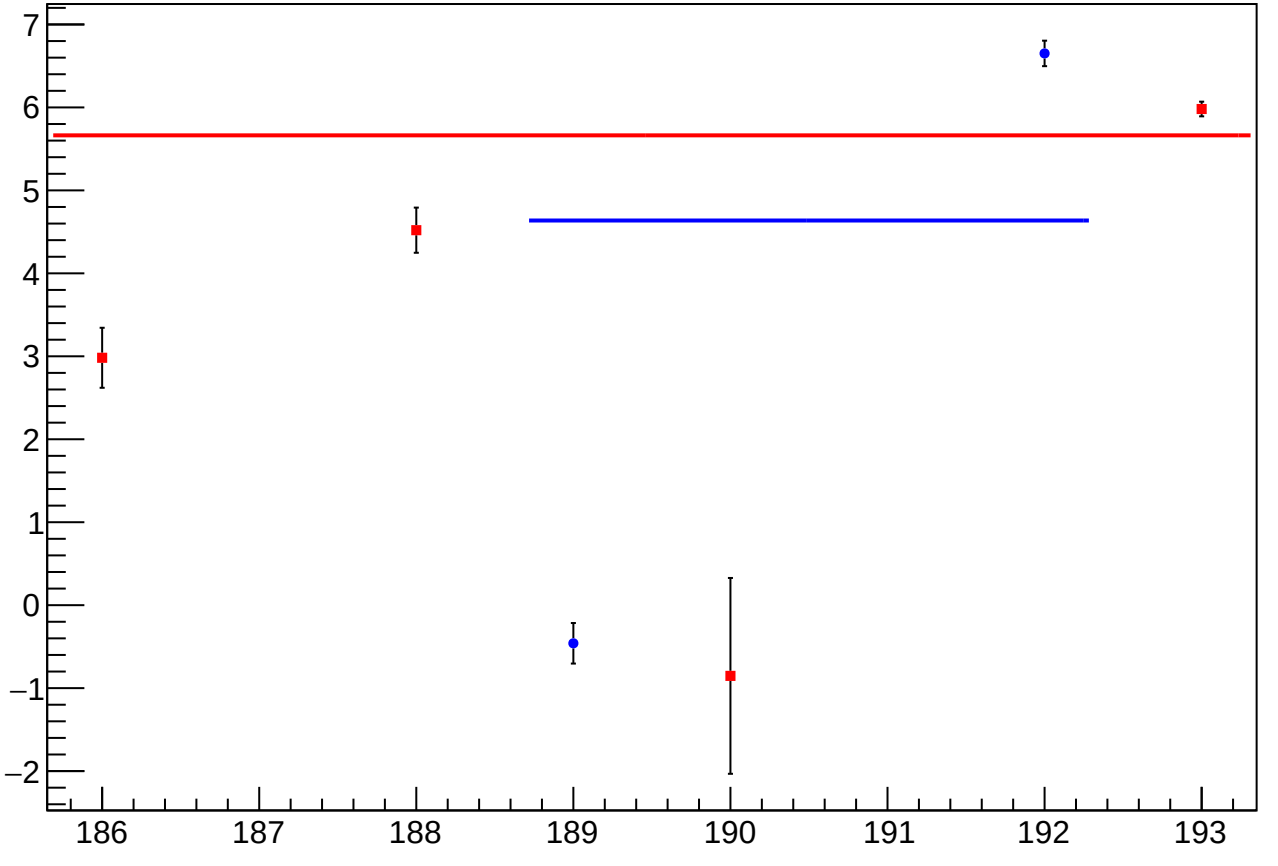
Right: -41.595+/-0.019 χ^2/NDF: 5545.6/5

In: -44.413+/-0.085 χ^2/NDF:24.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -41.595+/-0.019 χ^2/NDF: 5545.6/5

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 4.637+/-0.130 χ^2/NDF: 606.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.663+/-0.082 χ^2/NDF: 116.0/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

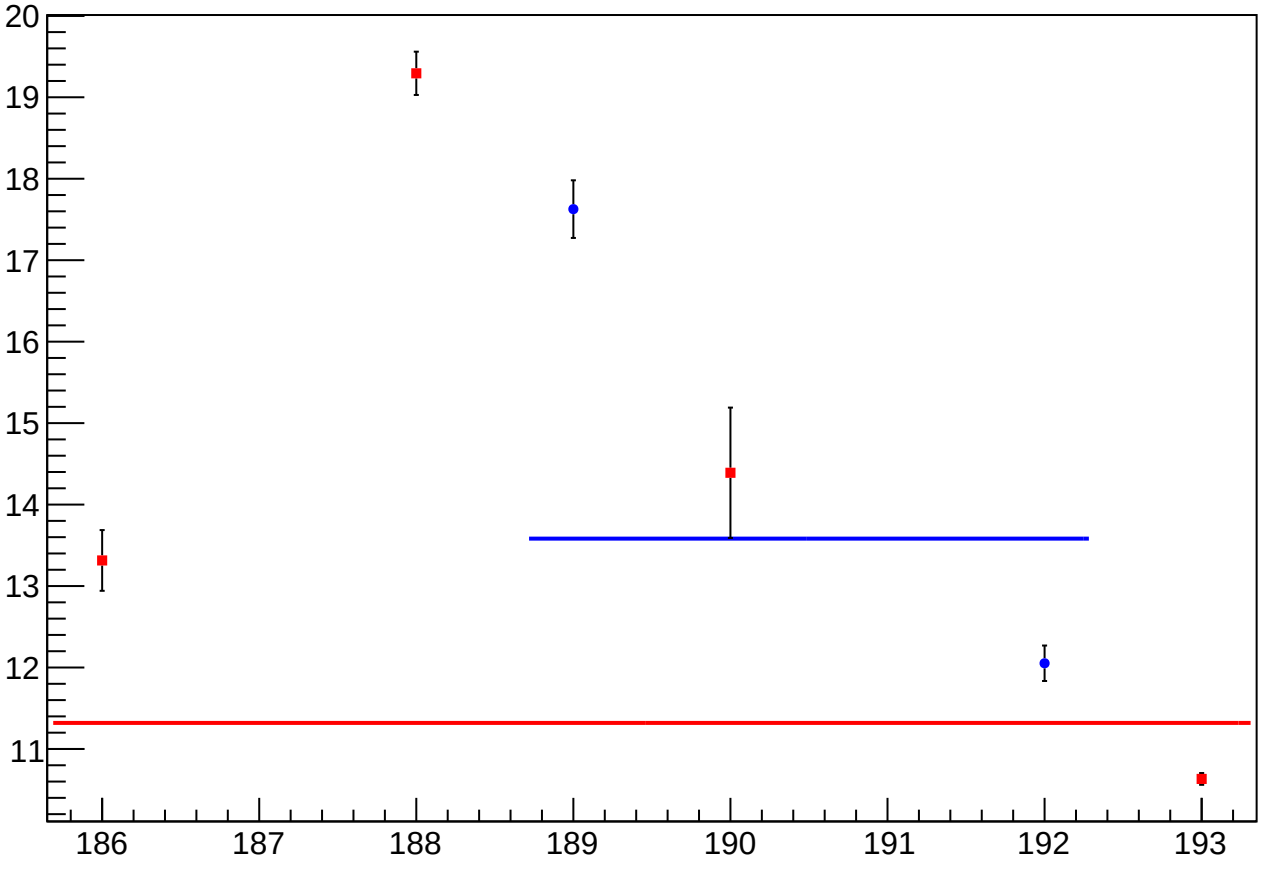
Right: 5.373+/-0.069 χ^2/NDF: 767.4/5

In: 4.637+/-0.130 χ^2/NDF:606.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.373+/-0.069 χ^2/NDF: 767.4/5

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 13.582+/-0.185 χ^2/NDF: 180.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.320+/-0.068 χ^2/NDF: 1034.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

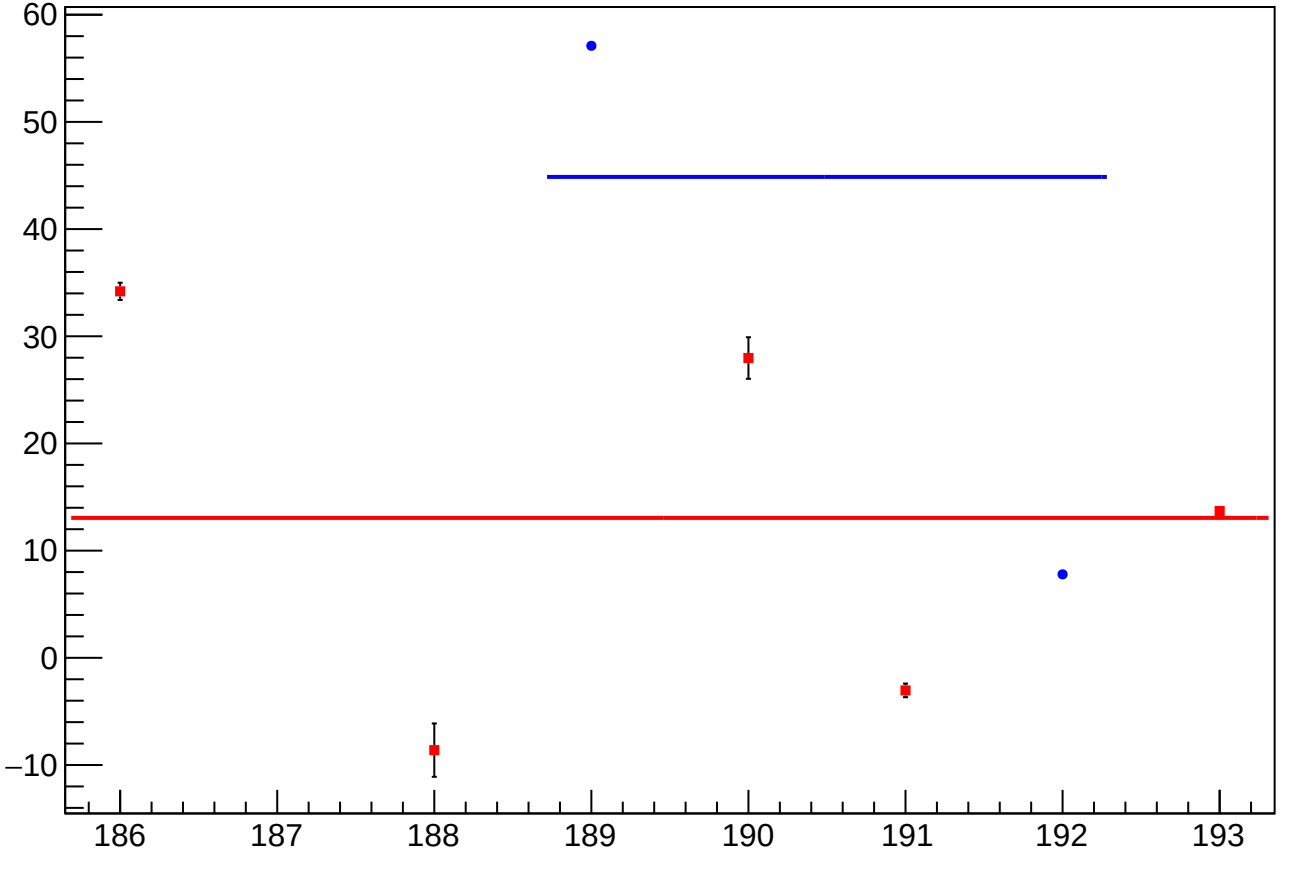
Right: 11.590+/-0.064 χ^2/NDF: 1345.9/5

In: 13.582+/-0.185 χ^2/NDF:180.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.590+/-0.064 χ^2/NDF: 1345.9/5

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: 44.868+/-0.173 χ^2/NDF: 15202.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.057+/-0.262 χ^2/NDF: 1466.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

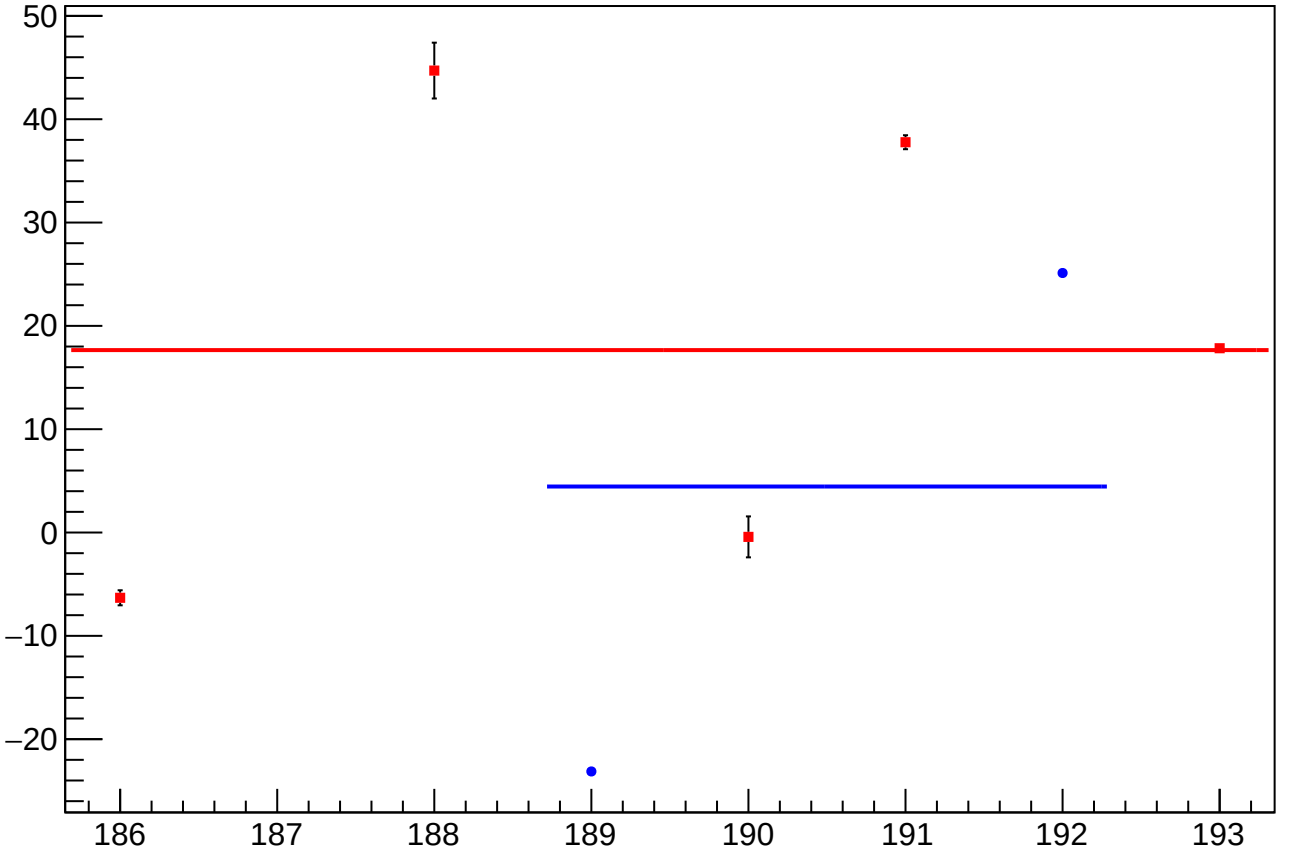
Right: 35.217+/-0.144 χ^2/NDF: 26960.0/6

In: 44.868+/-0.173 χ^2/NDF:15202.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 35.217+/-0.144 χ^2/NDF: 26960.0/6

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 4.452+/-0.275 χ^2/NDF: 7523.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.656+/-0.253 χ^2/NDF: 2150.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

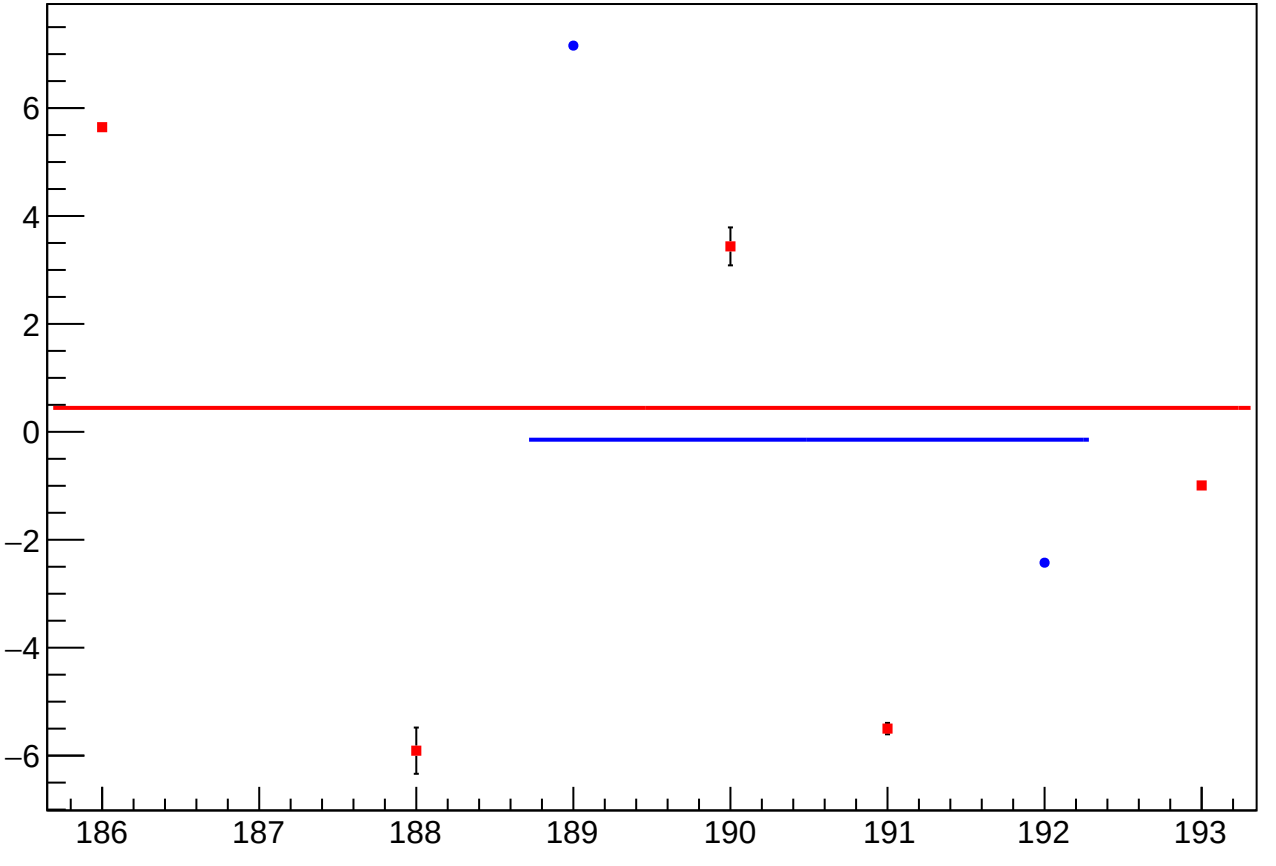
Right: 11.599+/-0.186 χ^2/NDF: 10919.7/6

In: 4.452+/-0.275 χ^2/NDF:7523.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.599+/-0.186 χ^2/NDF: 10919.7/6

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -0.146+/-0.045 χ^2/NDF: 8358.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.444+/-0.040 χ^2/NDF: 9288.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

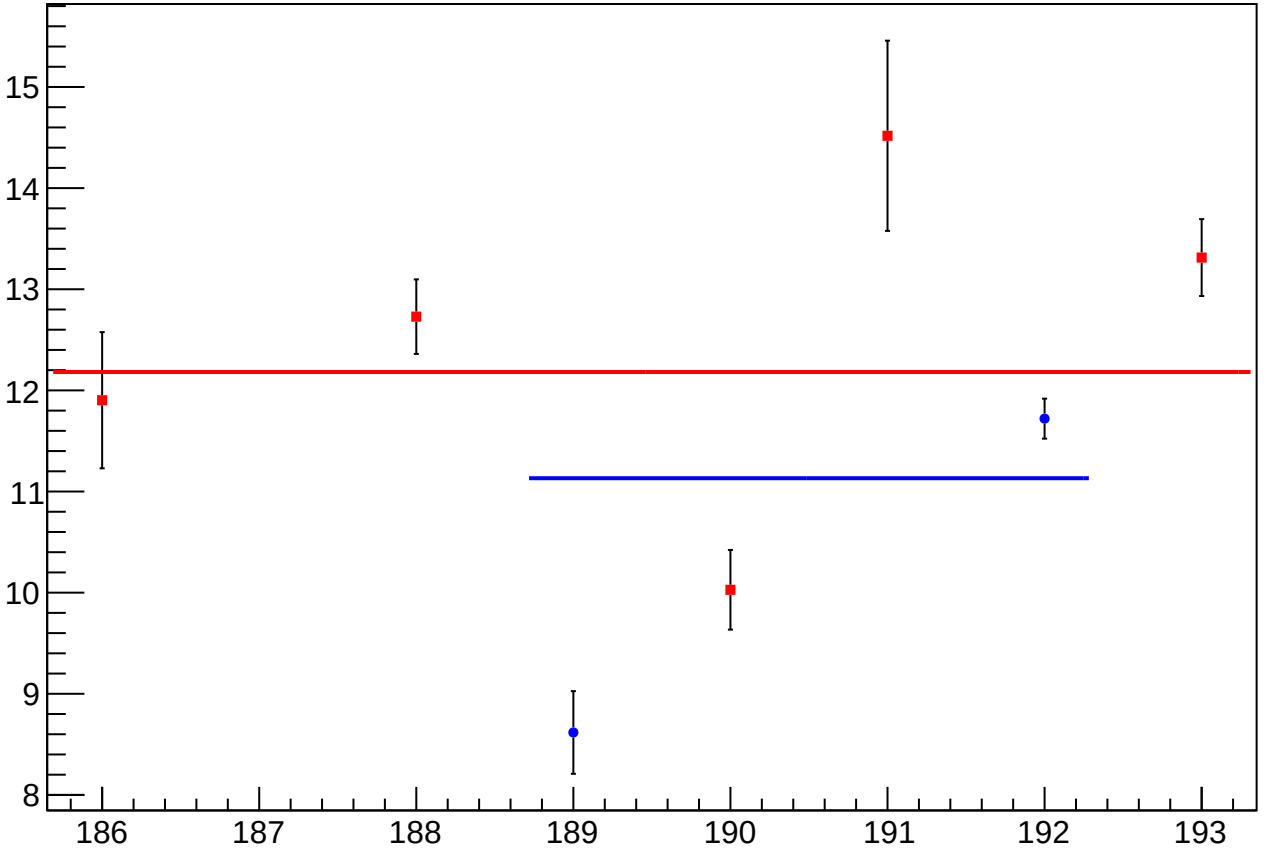
Right: 0.178+/-0.030 χ^2/NDF: 17742.6/6

In: -0.146+/-0.045 χ^2/NDF:8358.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.178+/-0.030 χ^2/NDF: 17742.6/6

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.132+/-0.178 χ^2/NDF: 46.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.182+/-0.204 χ^2/NDF: 47.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

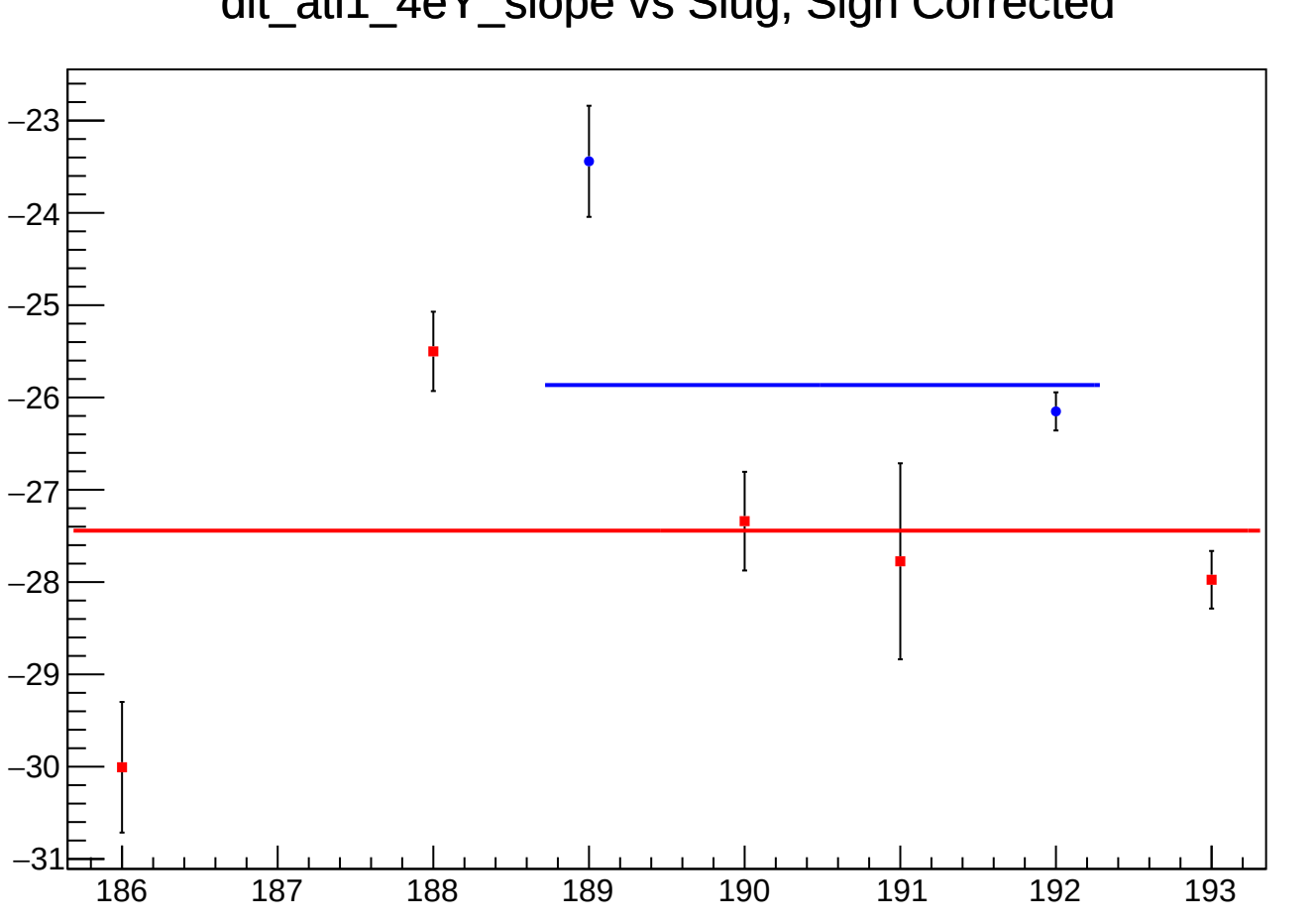
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.586+/-0.134 χ^2/NDF: 109.1/6

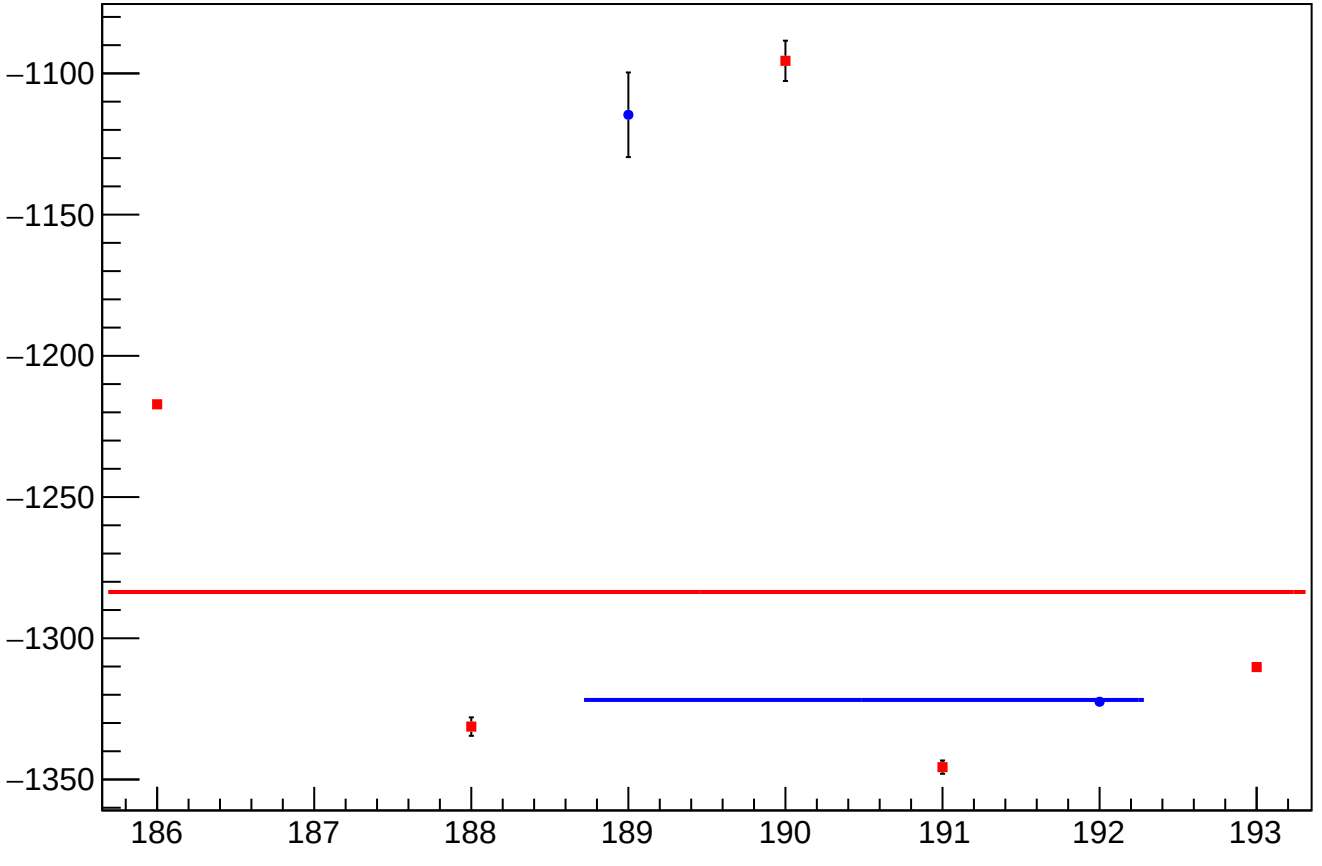
In: 11.132+/-0.178 χ^2/NDF:46.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.586+/-0.134 χ^2/NDF: 109.1/6


dit_atl1_4eY_slope vs Slug, Sign Corrected
−23
−24
−25
−26
−27
−28
−29
−30
−31
186
187
188
189
190
191
192
193
Right In: -25.865+/-0.195 χ²/NDF: 18.1/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -27.443+/-0.213 χ²/NDF: 36.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -26.587+/-0.144 χ²/NDF: 84.5/6
In: -25.865+/-0.195 χ²/NDF:18.1/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -26.587+/-0.144 χ²/NDF: 84.5/6

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -1321.830+/-0.832 χ^2/NDF: 191.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1283.606+/-0.430 χ^2/NDF: 11108.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

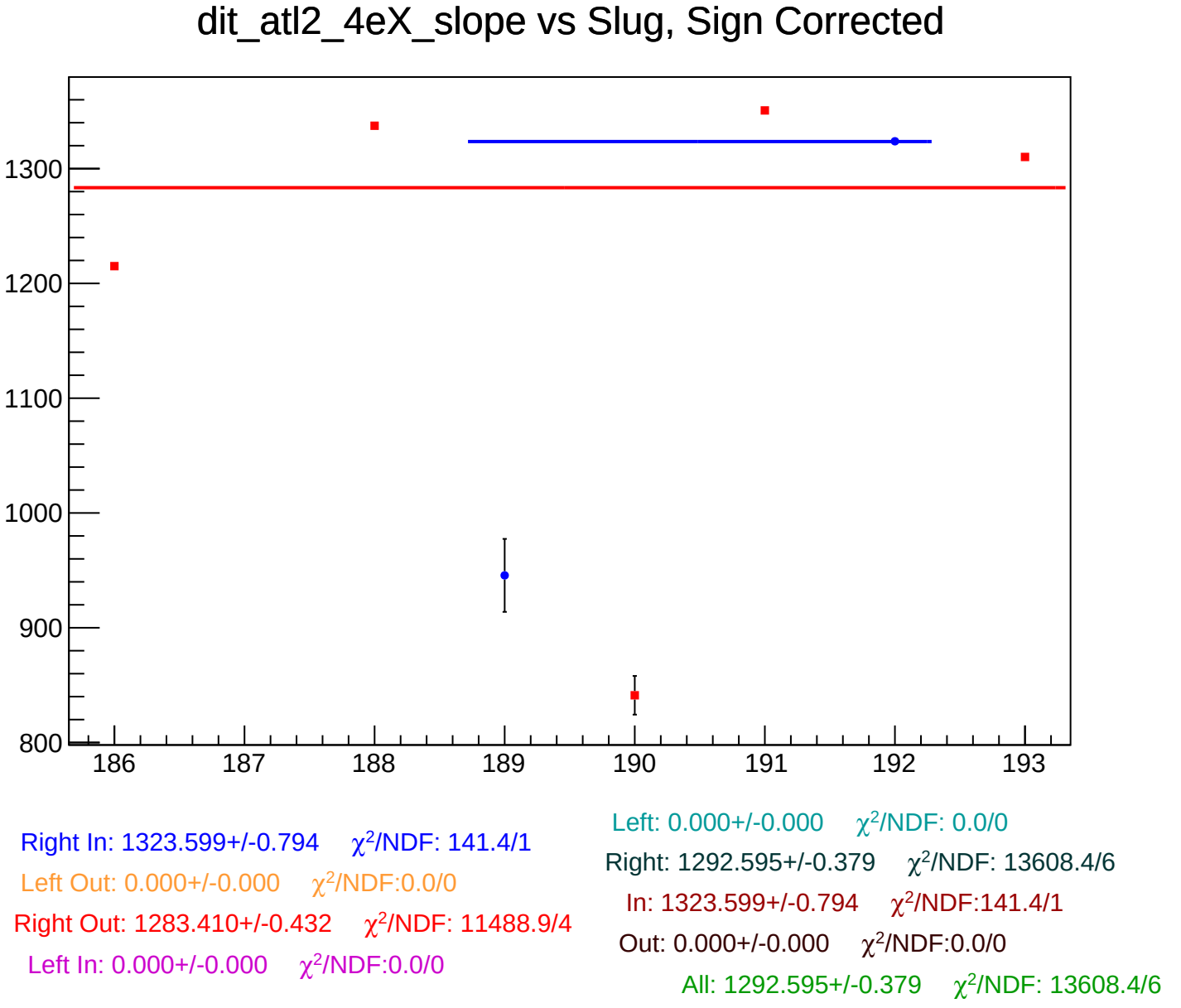
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1291.668+/-0.382 χ^2/NDF: 12965.8/6

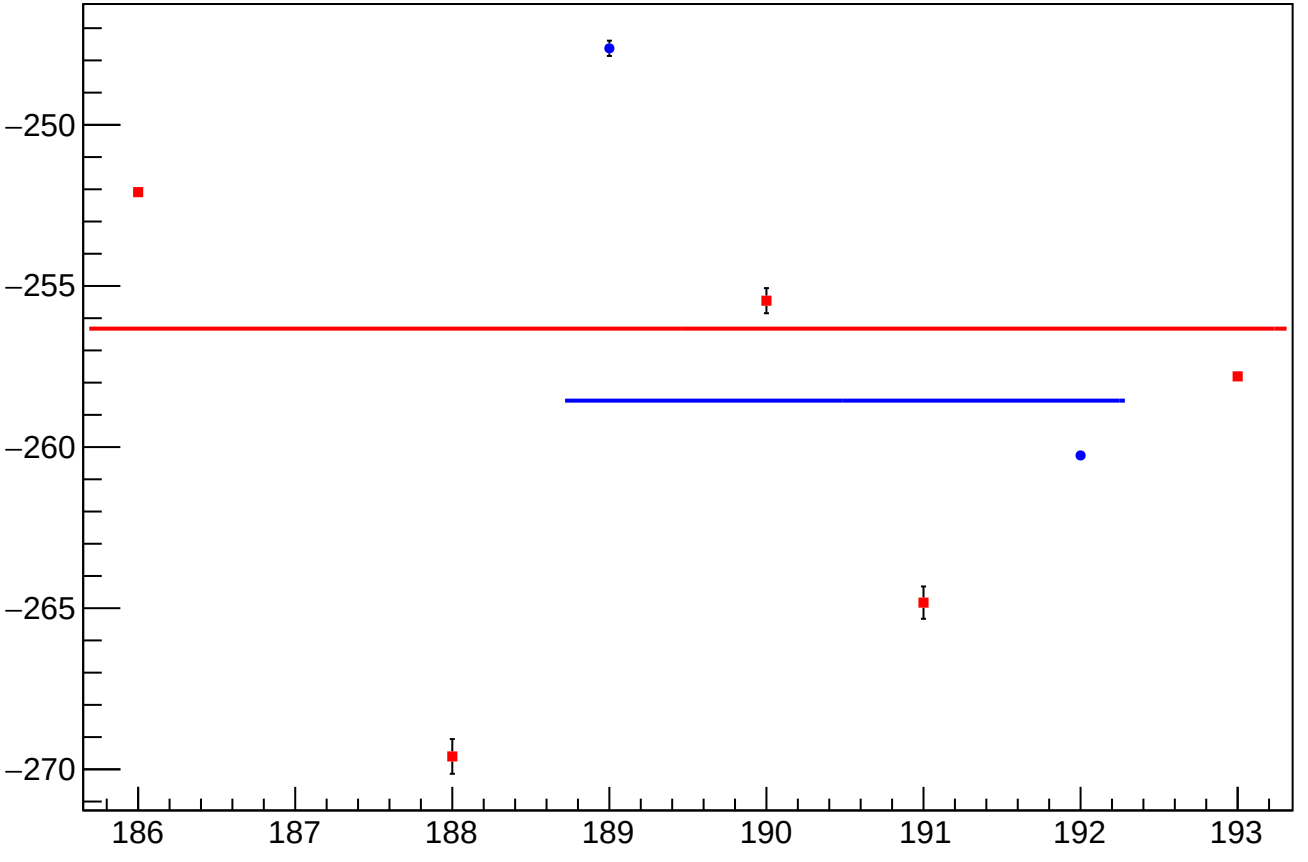
In: -1321.830+/-0.832 χ^2/NDF:191.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1291.668+/-0.382 χ^2/NDF: 12965.8/6


dit_atl2_4eX_slope vs Slug, Sign Corrected
1300
1200
1100
1000
900
800
186
187
188
189
190
191
192
193
Right In: 1323.599+/-0.794 χ²/NDF: 141.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1283.410+/-0.432 χ²/NDF: 11488.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1292.595+/-0.379 χ²/NDF: 13608.4/6
In: 1323.599+/-0.794 χ²/NDF:141.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1292.595+/-0.379 χ²/NDF: 13608.4/6

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -258.558+/-0.087 χ^2/NDF: 2456.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -256.324+/-0.057 χ^2/NDF: 2968.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

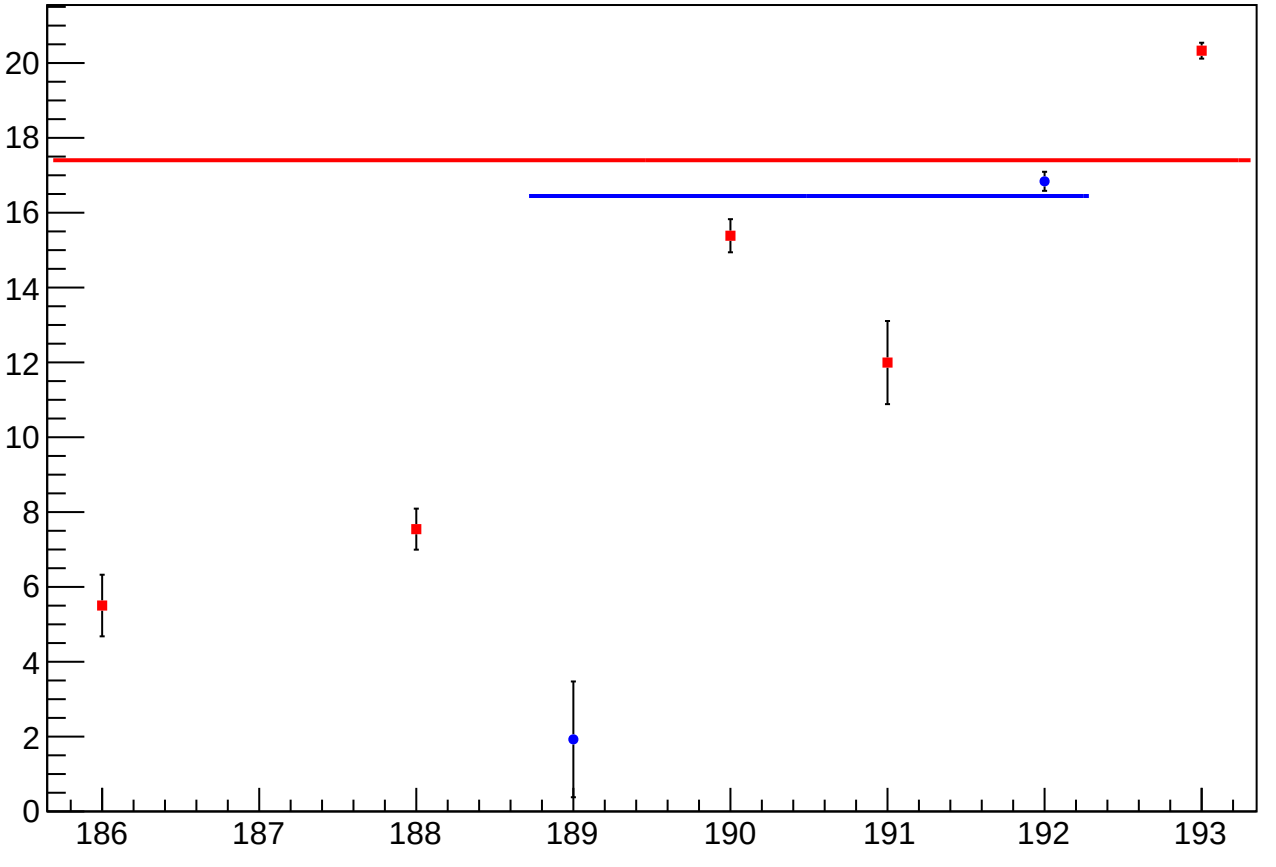
Right: -256.989+/-0.047 χ^2/NDF: 5887.1/6

In: -258.558+/-0.087 χ^2/NDF:2456.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -256.989+/-0.047 χ^2/NDF: 5887.1/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: 16.446+/-0.251 χ^2/NDF: 90.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.402+/-0.174 χ^2/NDF: 767.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

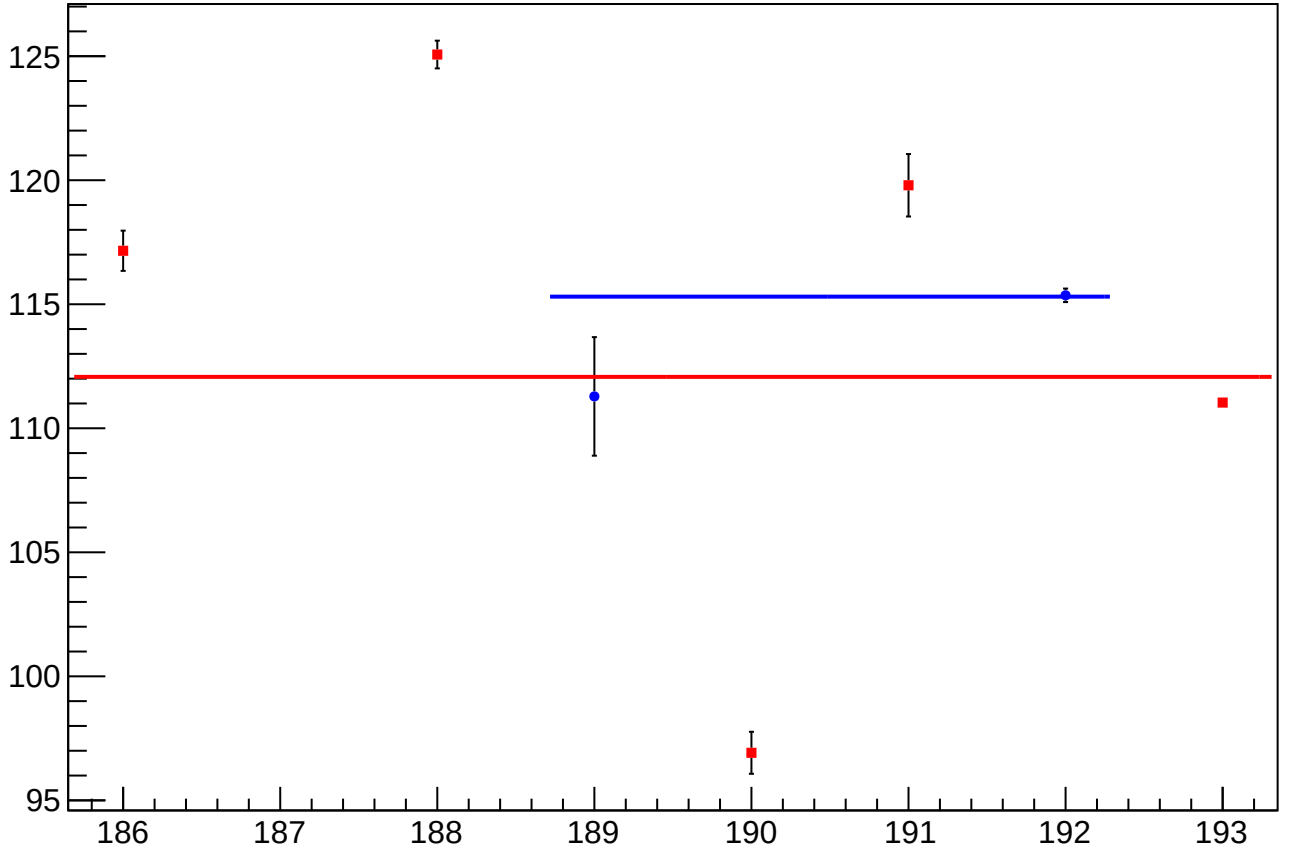
Right: 17.091+/-0.143 χ^2/NDF: 867.6/6

In: 16.446+/-0.251 χ^2/NDF:90.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.091+/-0.143 χ^2/NDF: 867.6/6

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 115.307+/-0.271 χ^2/NDF: 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 112.073+/-0.161 χ^2/NDF: 972.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

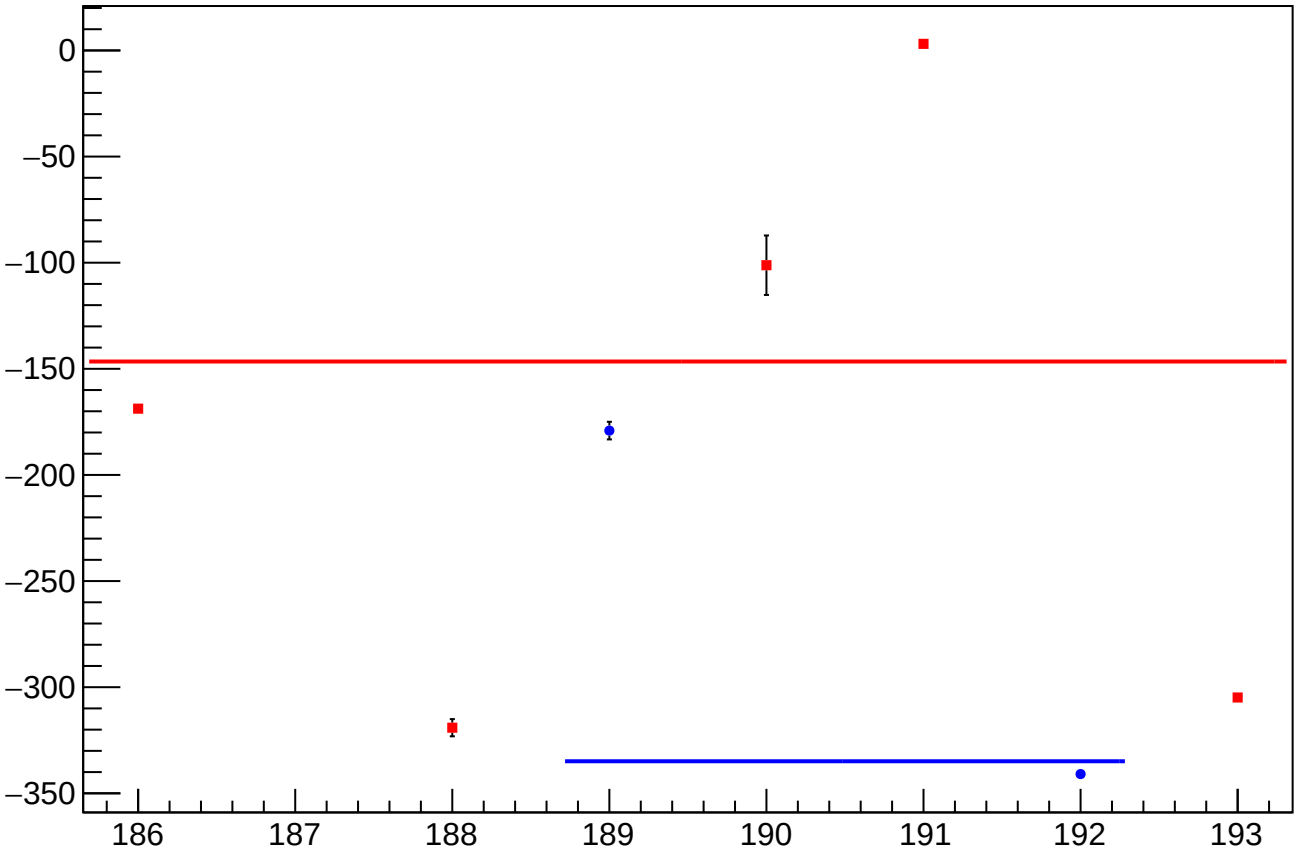
Right: 112.916+/-0.138 χ^2/NDF: 1080.7/6

In: 115.307+/-0.271 χ^2/NDF:2.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 112.916+/-0.138 χ^2/NDF: 1080.7/6

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -334.897+/-0.802 χ^2/NDF: 1463.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -146.555+/-0.384 χ^2/NDF: 144662.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

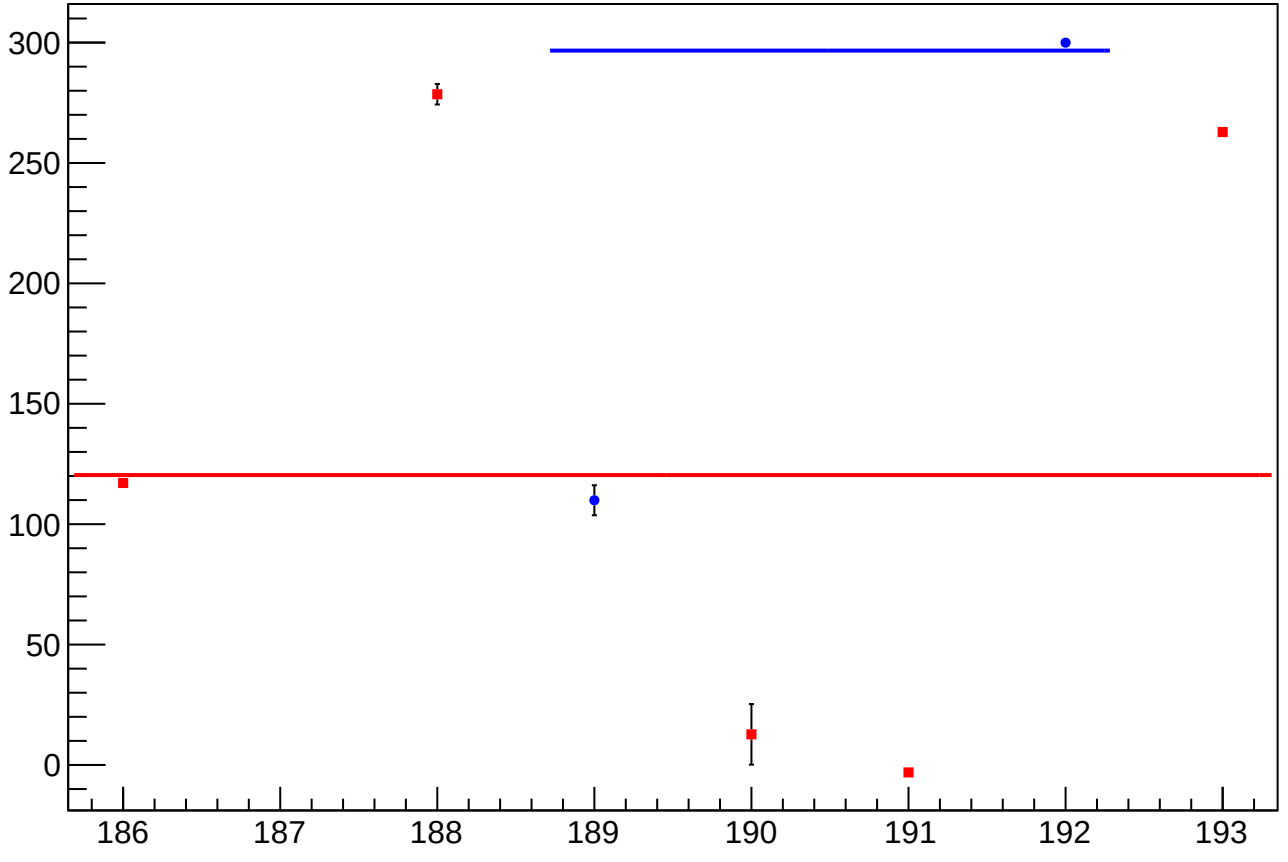
Right: -181.644+/-0.346 χ^2/NDF: 191049.7/6

In: -334.897+/-0.802 χ^2/NDF:1463.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -181.644+/-0.346 χ^2/NDF: 191049.7/6

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 296.669+/-0.821 χ^2/NDF: 913.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 120.404+/-0.391 χ^2/NDF: 103648.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

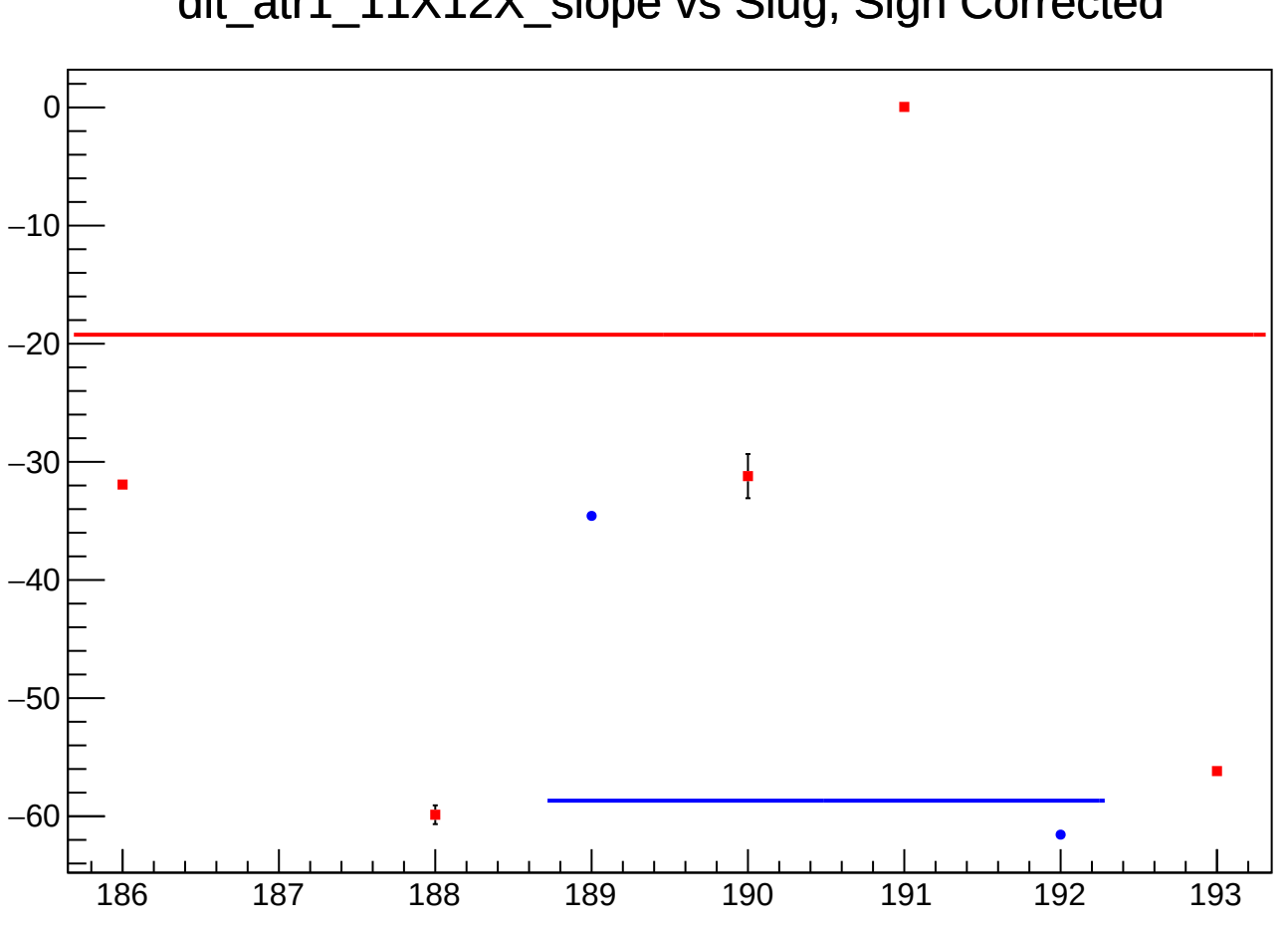
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 152.971+/-0.353 χ^2/NDF: 142163.6/6

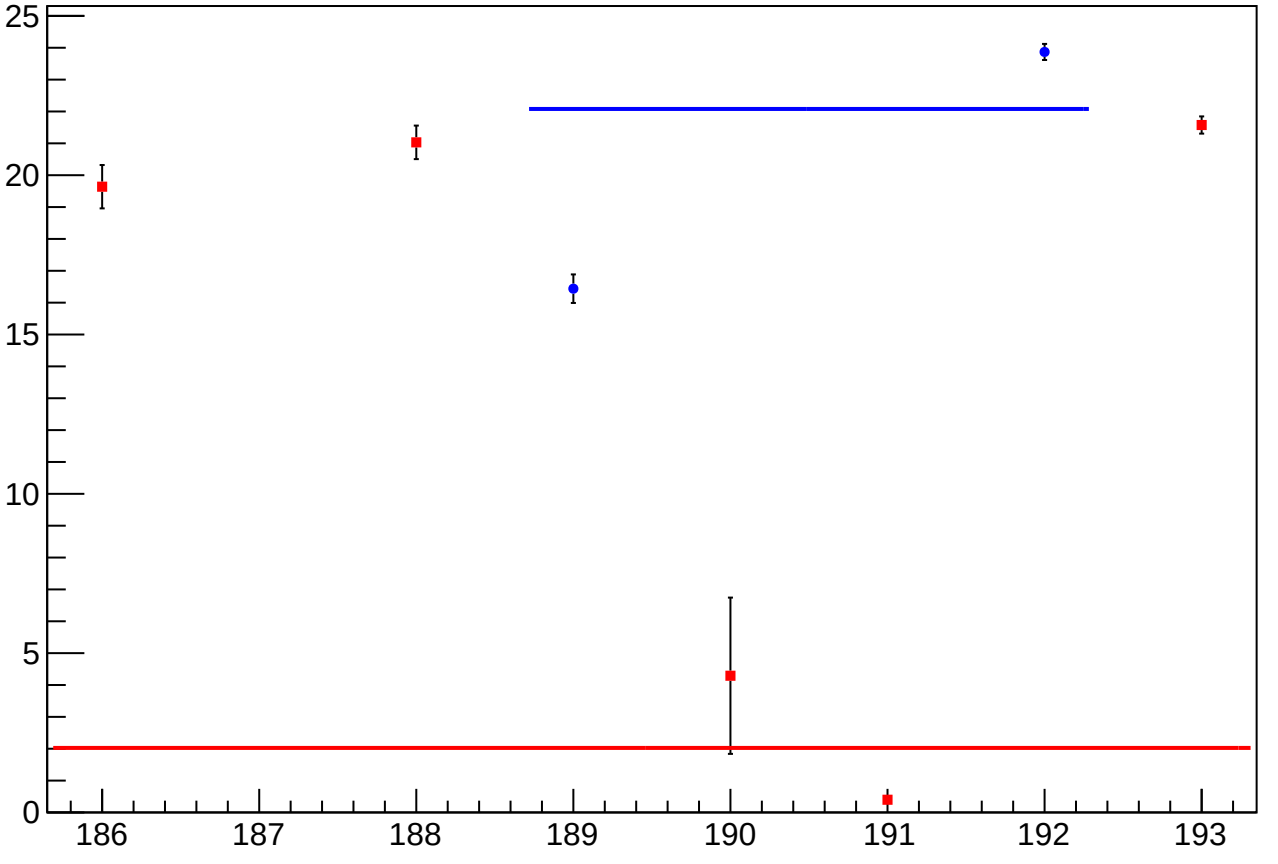
In: 296.669+/-0.821 χ^2/NDF:913.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 152.971+/-0.353 χ^2/NDF: 142163.6/6


dit_atr1_11X12X_slope vs Slug, Sign Corrected
0
−10
−20
−30
−40
−50
−60
186
187
188
189
190
191
192
193
Right In: -58.681+/-0.124 χ²/NDF: 4504.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -19.236+/-0.047 χ²/NDF: 290654.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -24.247+/-0.044 χ²/NDF: 383423.7/6
In: -58.681+/-0.124 χ²/NDF:4504.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -24.247+/-0.044 χ²/NDF: 383423.7/6

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 22.079+/-0.220 χ^2/NDF: 208.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.025+/-0.063 χ^2/NDF: 7824.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

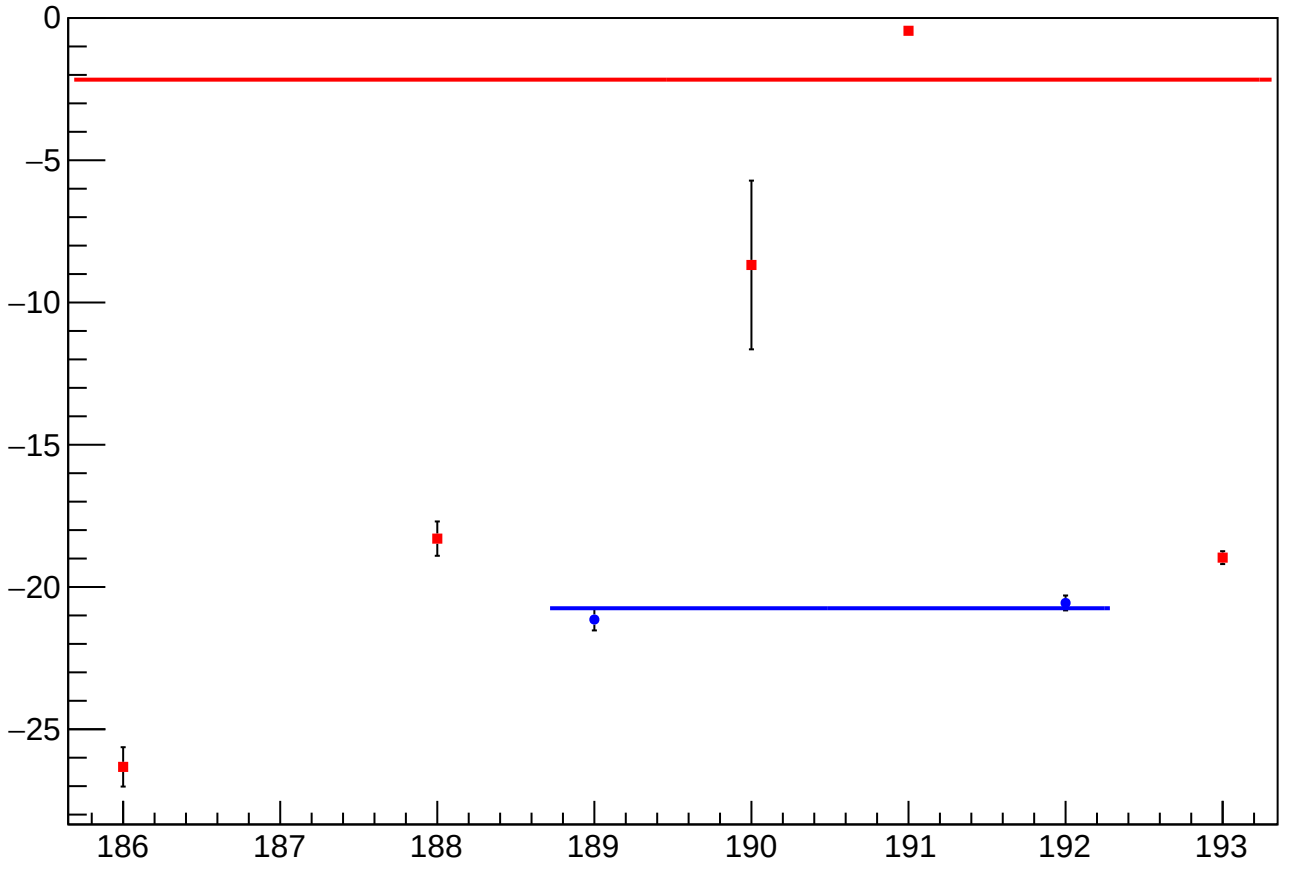
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.557+/-0.061 χ^2/NDF: 15717.3/6

In: 22.079+/-0.220 χ^2/NDF:208.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.557+/-0.061 χ^2/NDF: 15717.3/6



Right In: -20.747+/-0.216 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.167+/-0.061 χ^2/NDF: 8180.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

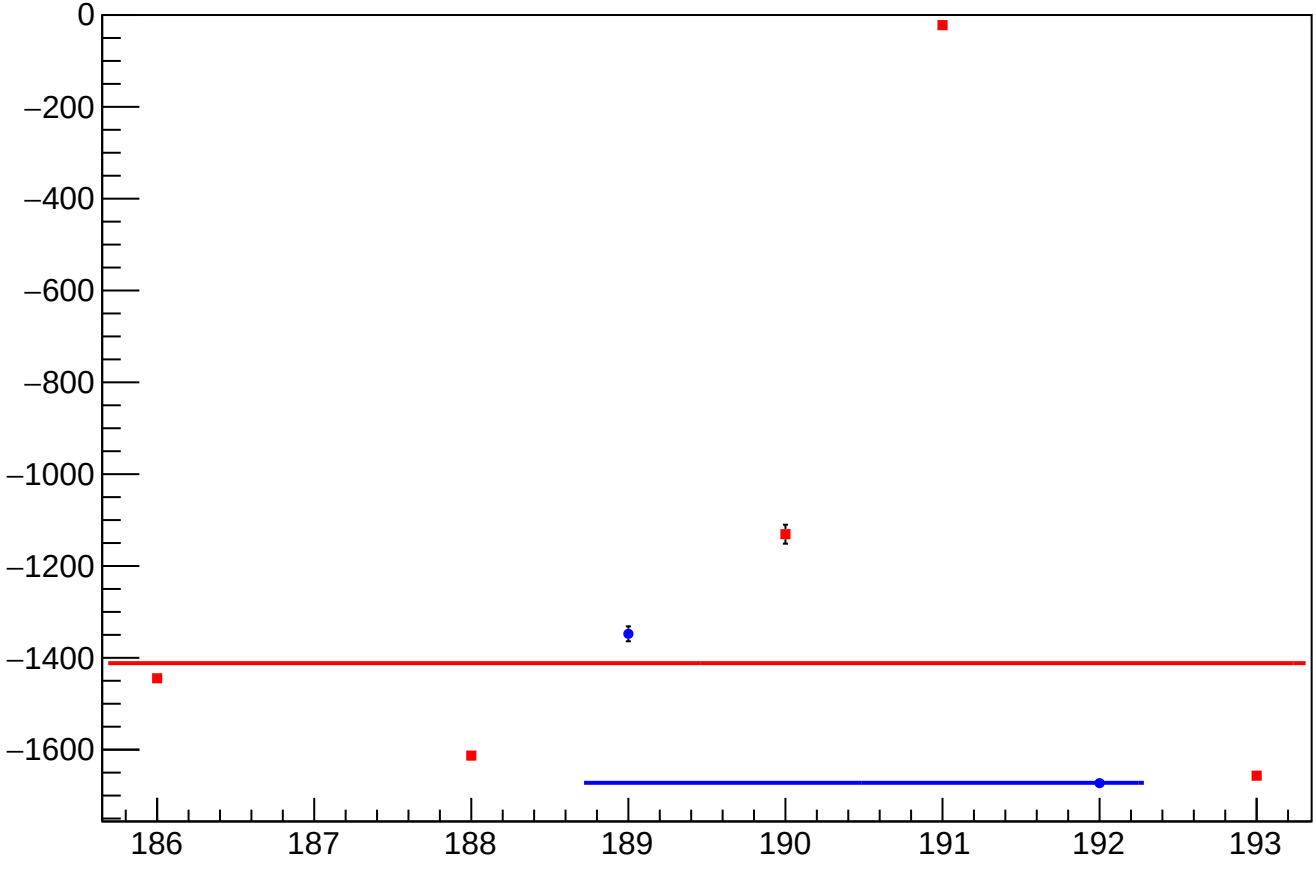
Right: -3.525+/-0.058 χ^2/NDF: 15024.5/6

In: -20.747+/-0.216 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.525+/-0.058 χ^2/NDF: 15024.5/6

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1672.182+/-0.780 χ^2/NDF: 398.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1411.610+/-0.529 χ^2/NDF: 1111261.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

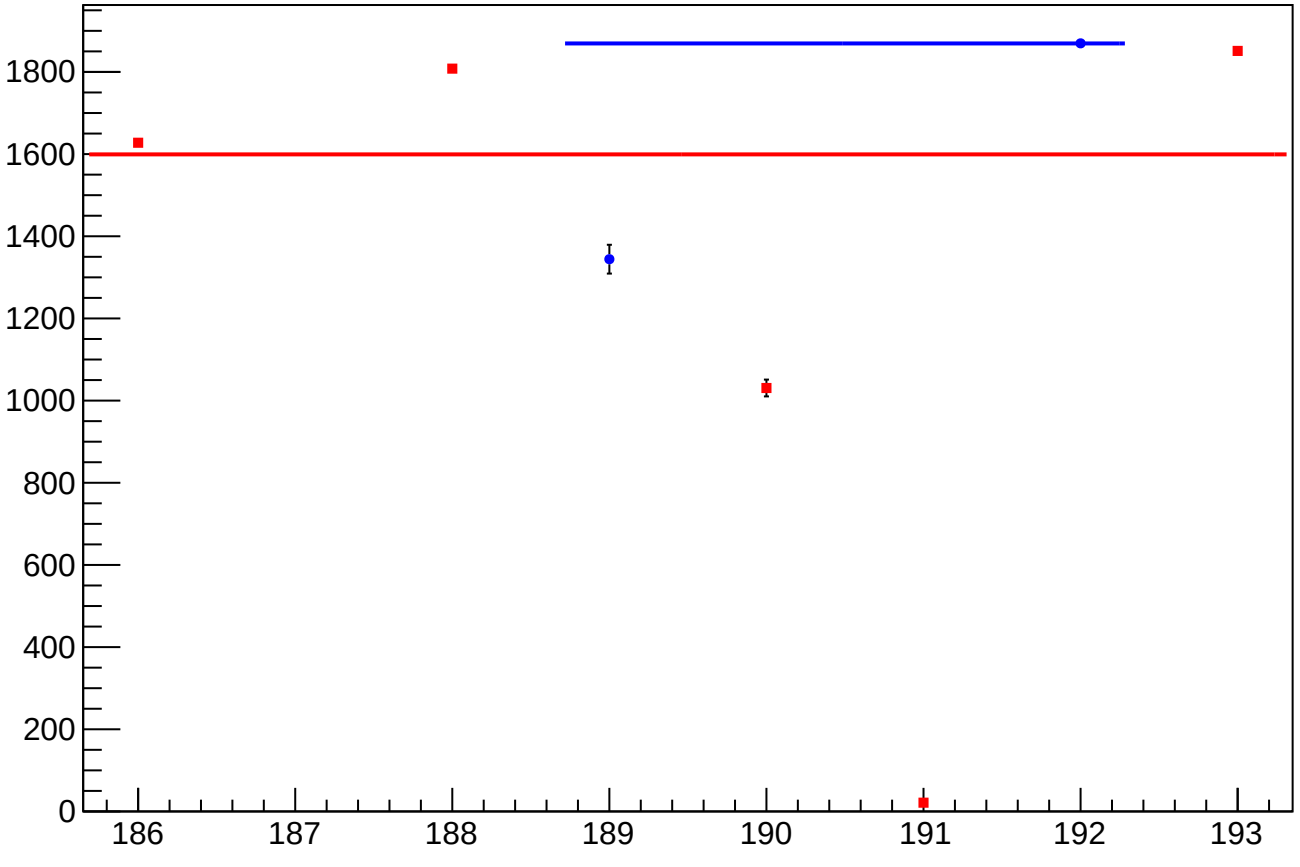
Right: -1493.534+/-0.438 χ^2/NDF: 1188082.6/6

In: -1672.182+/-0.780 χ^2/NDF:398.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1493.534+/-0.438 χ^2/NDF: 1188082.6/6

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1869.330+/-0.767 χ^2/NDF: 224.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1599.308+/-0.518 χ^2/NDF: 1356868.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

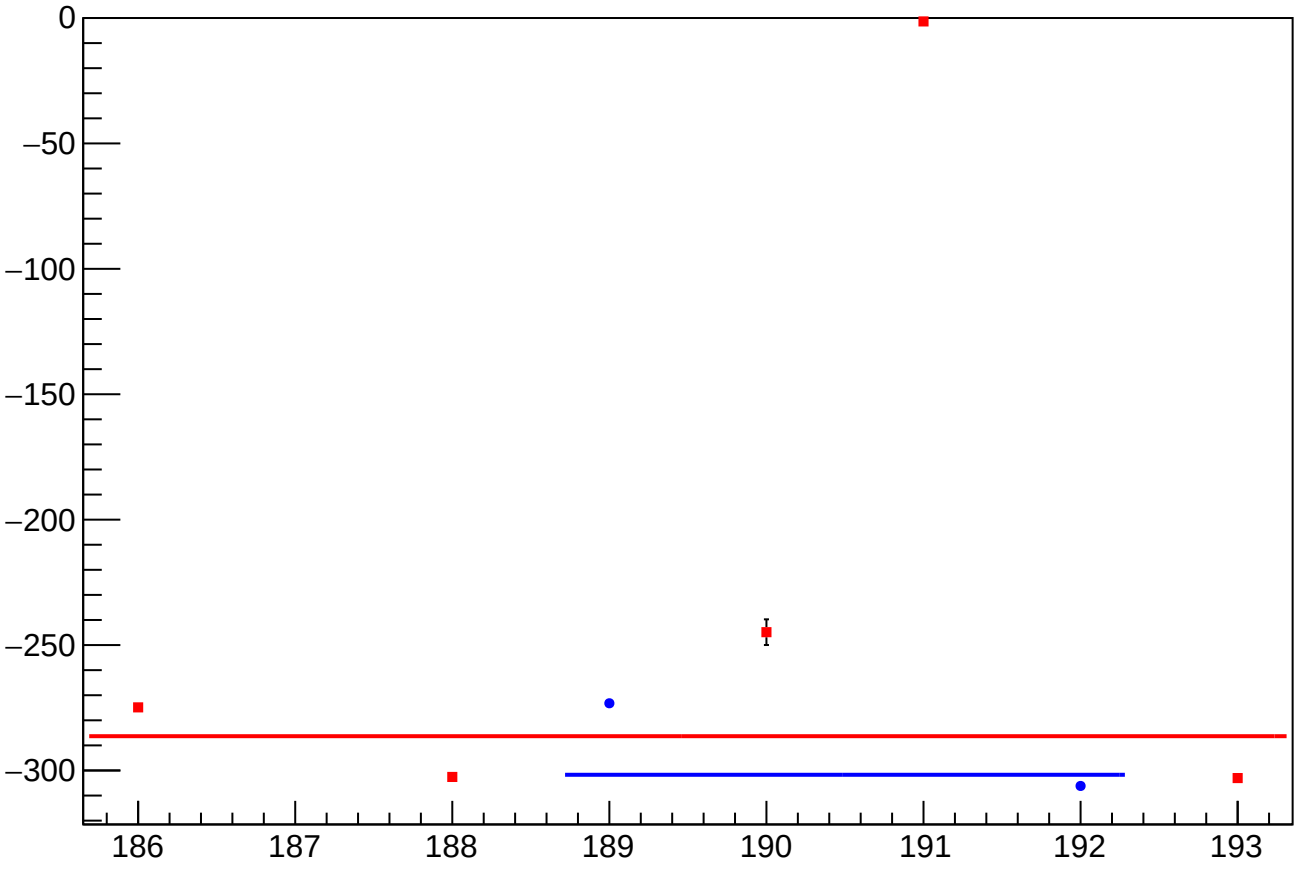
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1683.868+/-0.429 χ^2/NDF: 1442233.2/6

In: 1869.330+/-0.767 χ^2/NDF:224.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1683.868+/-0.429 χ^2/NDF: 1442233.2/6



Right In: -301.715+/-0.089 χ^2/NDF: 16020.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -286.333+/-0.050 χ^2/NDF: 1473845.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

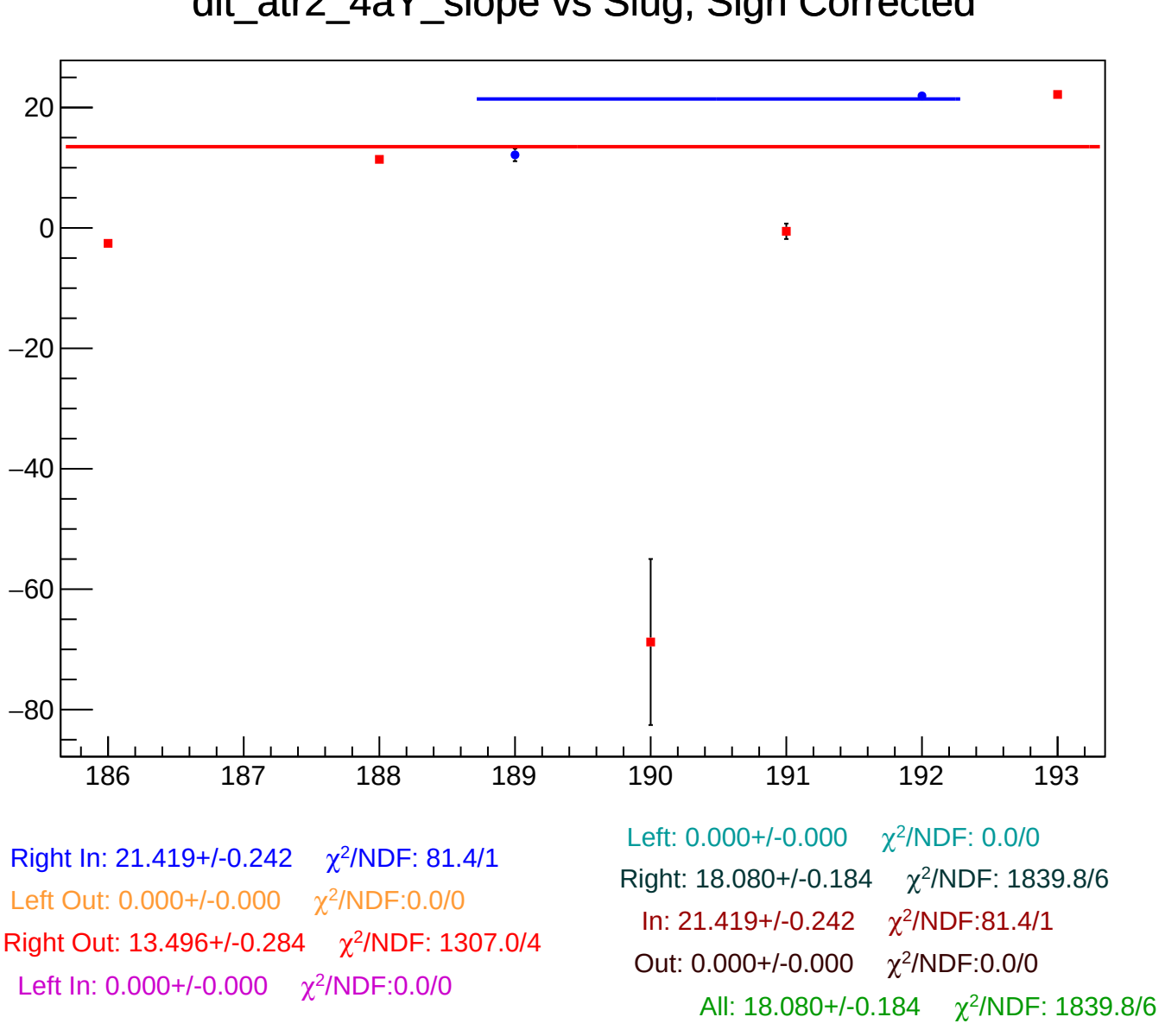
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -290.023+/-0.044 χ^2/NDF: 1512565.8/6

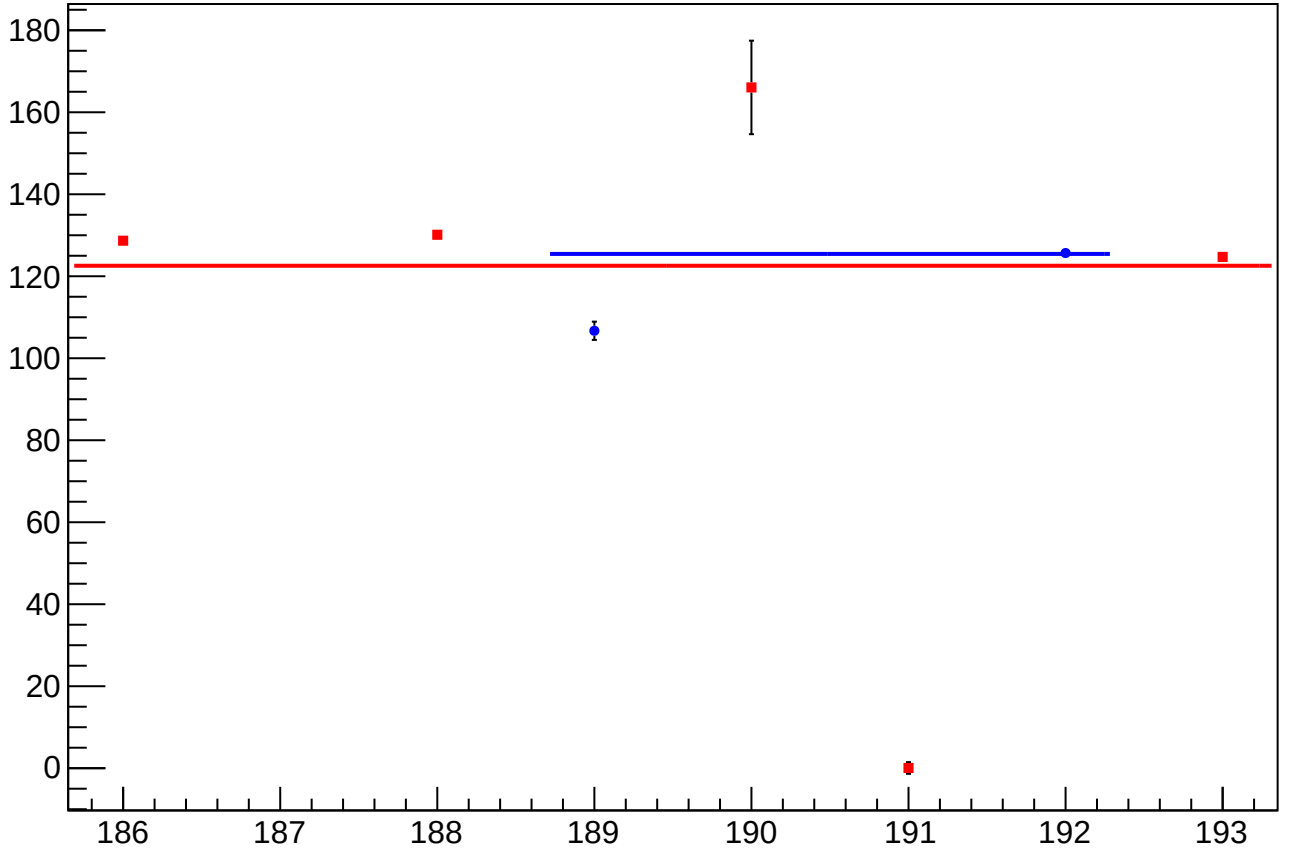
In: -301.715+/-0.089 χ^2/NDF:16020.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -290.023+/-0.044 χ^2/NDF: 1512565.8/6


dit_atr2_4aY_slope vs Slug, Sign Corrected
20
0
−20
−40
−60
−80
186
187
188
189
190
191
192
193
Right In: 21.419+/-0.242 χ²/NDF: 81.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 13.496+/-0.284 χ²/NDF: 1307.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 18.080+/-0.184 χ²/NDF: 1839.8/6
In: 21.419+/-0.242 χ²/NDF:81.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 18.080+/-0.184 χ²/NDF: 1839.8/6

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 125.447+/-0.238 χ^2/NDF: 71.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 122.561+/-0.258 χ^2/NDF: 7779.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

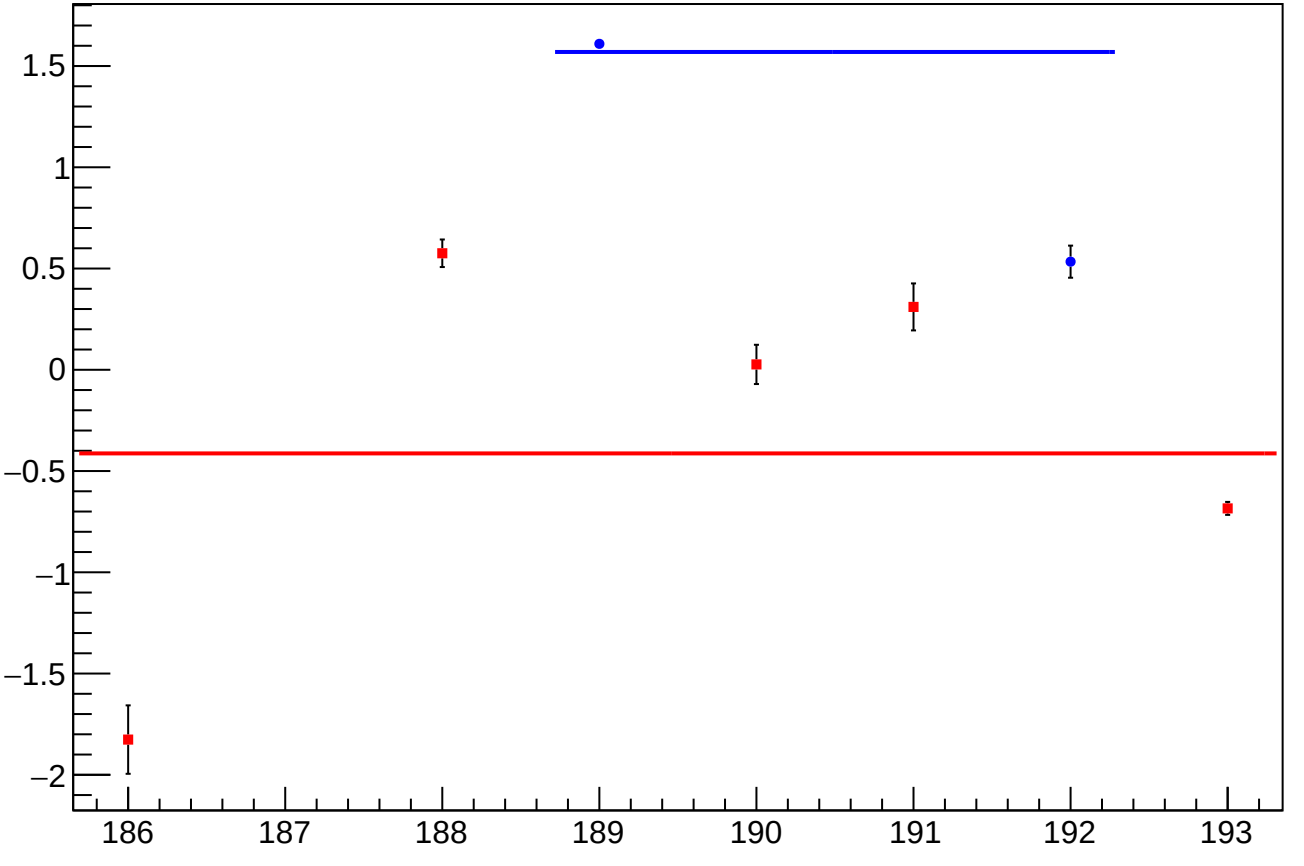
Right: 124.120+/-0.175 χ^2/NDF: 7918.5/6

In: 125.447+/-0.238 χ^2/NDF:71.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 124.120+/-0.175 χ^2/NDF: 7918.5/6

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 1.569+/-0.015 χ^2/NDF: 177.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.413+/-0.027 χ^2/NDF: 412.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

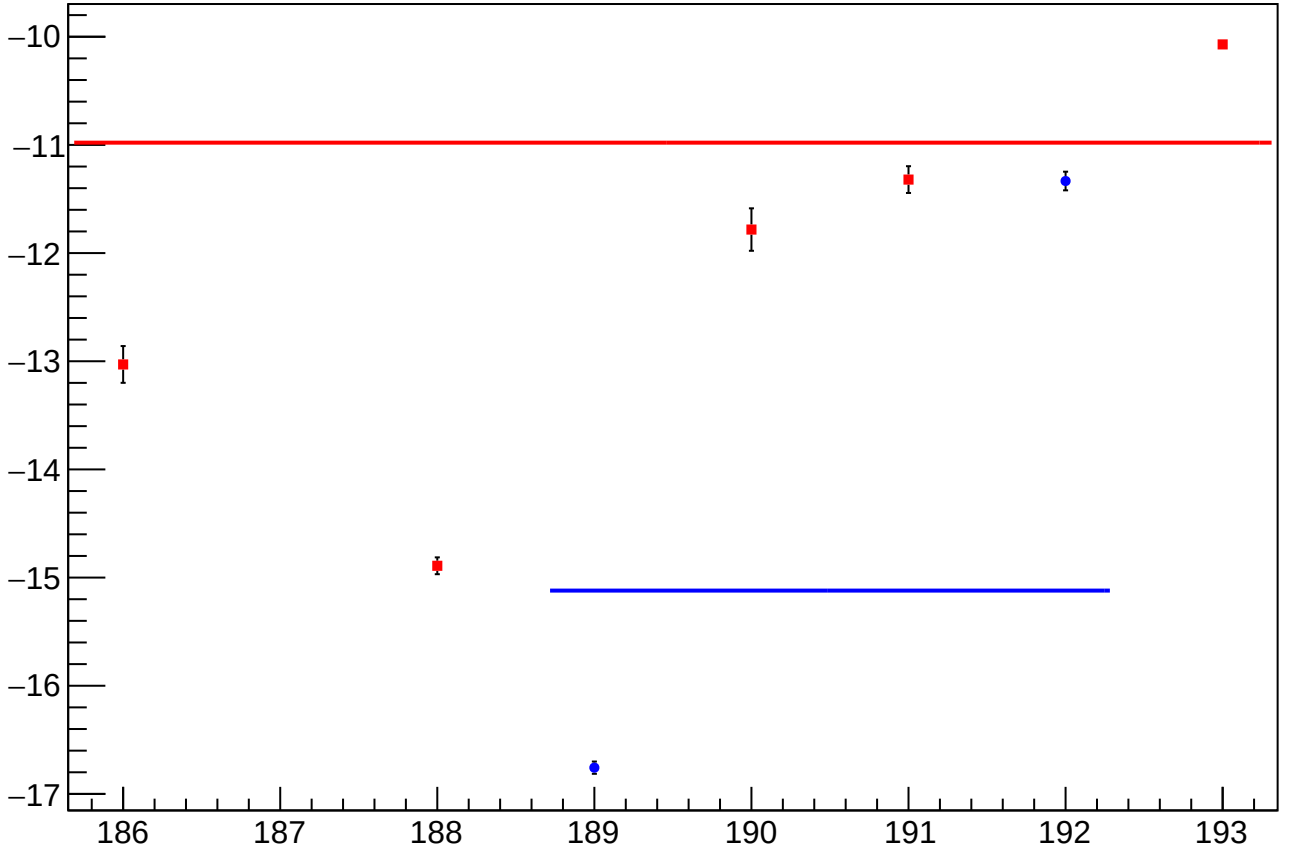
Right: 1.078+/-0.013 χ^2/NDF: 4741.9/6

In: 1.569+/-0.015 χ^2/NDF:177.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.078+/-0.013 χ^2/NDF: 4741.9/6

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -15.120+/-0.047 χ^2/NDF: 2760.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.979+/-0.030 χ^2/NDF: 3386.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

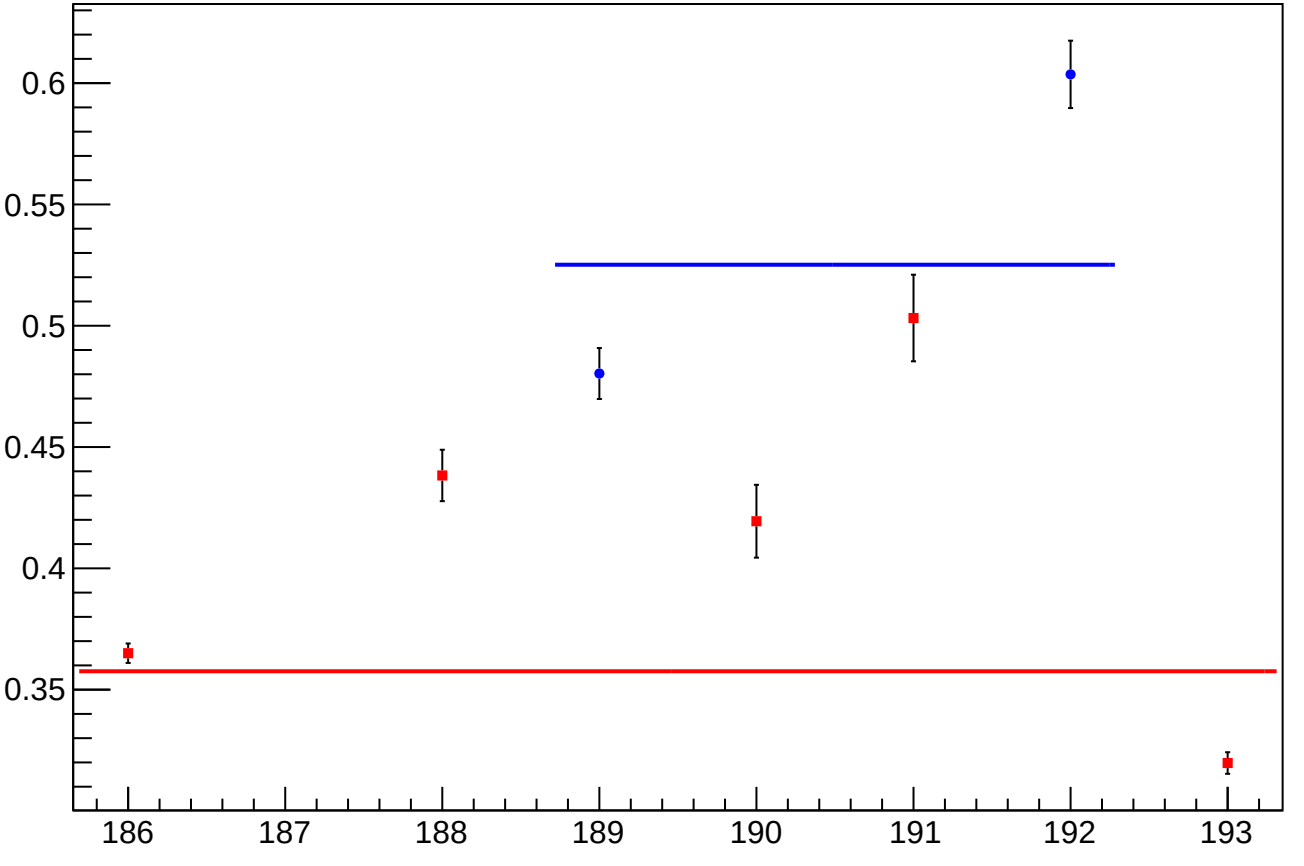
Right: -12.152+/-0.025 χ^2/NDF: 11622.6/6

In: -15.120+/-0.047 χ^2/NDF:2760.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.152+/-0.025 χ^2/NDF: 11622.6/6

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.525+/-0.008 χ^2/NDF: 50.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.358+/-0.003 χ^2/NDF: 217.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

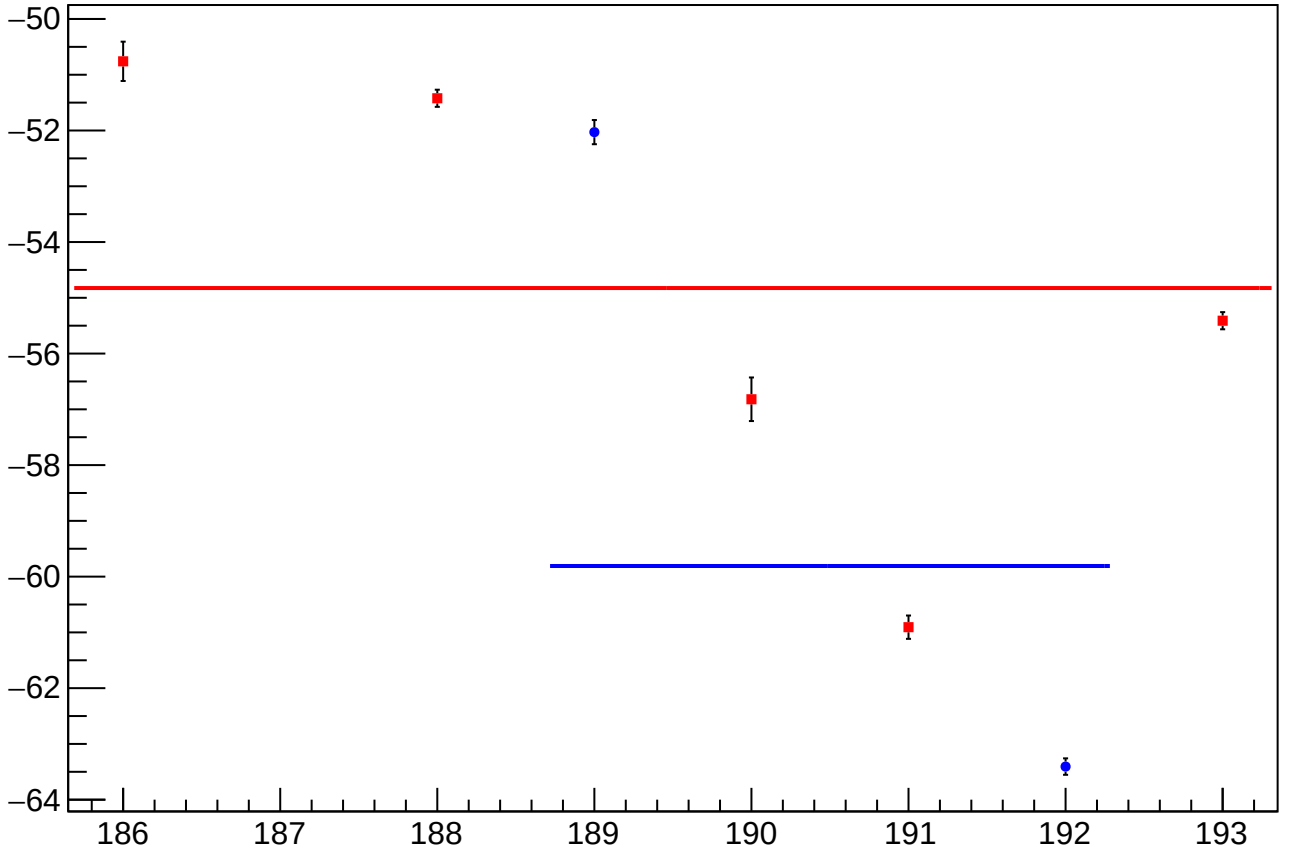
Right: 0.374+/-0.003 χ^2/NDF: 627.8/6

In: 0.525+/-0.008 χ^2/NDF:50.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.374+/-0.003 χ^2/NDF: 627.8/6

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -59.809+/-0.122 χ^2/NDF: 1883.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -54.825+/-0.091 χ^2/NDF: 1509.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

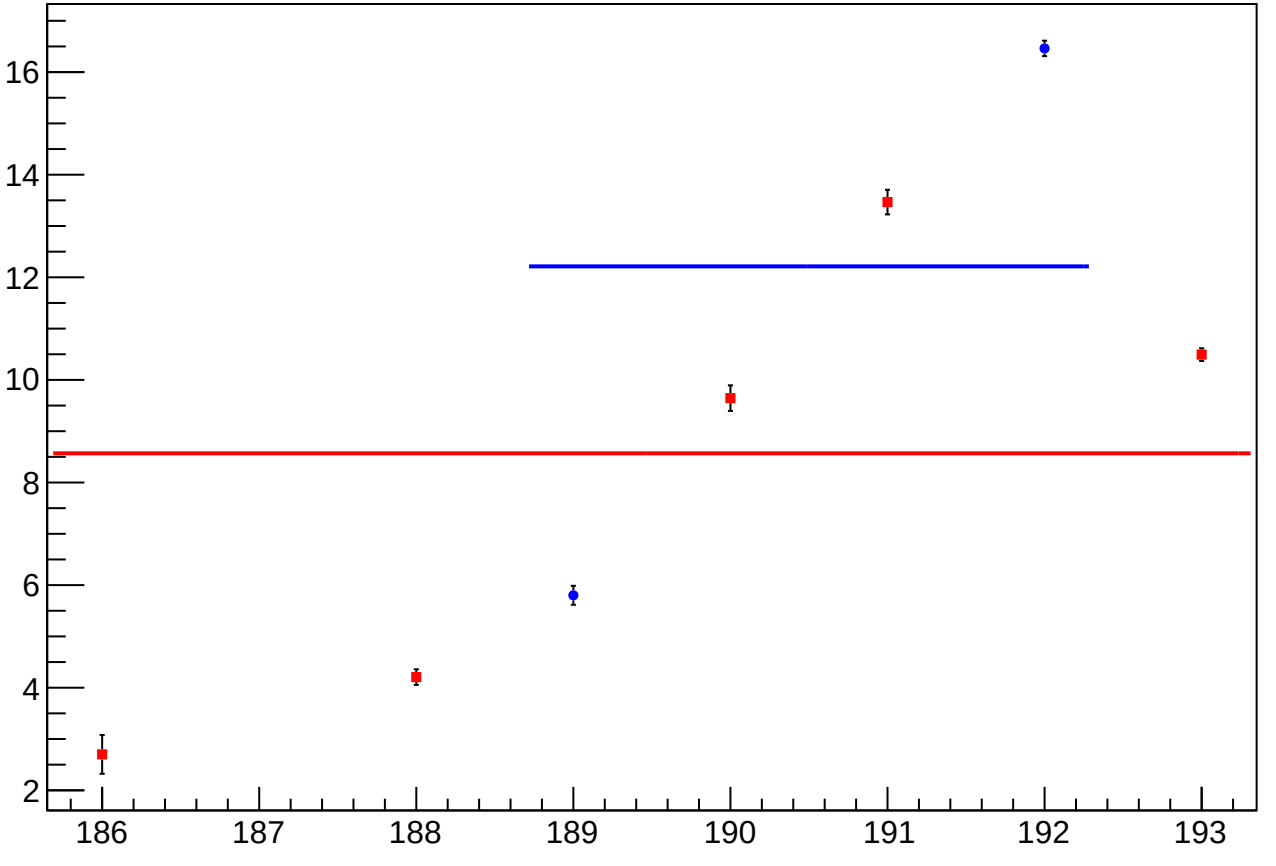
Right: -56.597+/-0.073 χ^2/NDF: 4470.2/6

In: -59.809+/-0.122 χ^2/NDF:1883.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -56.597+/-0.073 χ^2/NDF: 4470.2/6

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 12.213+/-0.117 χ^2/NDF: 1993.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.569+/-0.082 χ^2/NDF: 1737.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

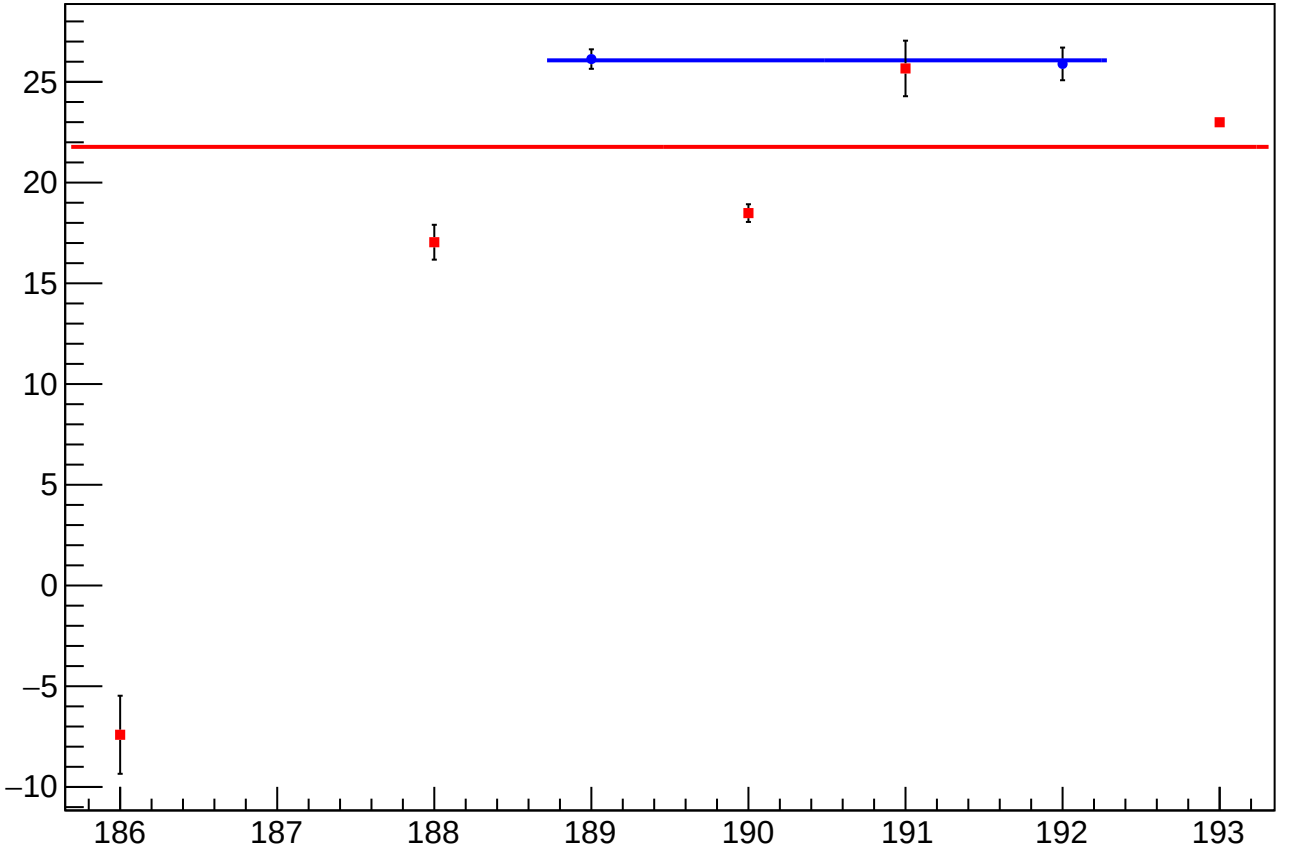
Right: 9.769+/-0.067 χ^2/NDF: 4383.2/6

In: 12.213+/-0.117 χ^2/NDF:1993.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.769+/-0.067 χ^2/NDF: 4383.2/6

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 26.068+/-0.416 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 21.773+/-0.179 χ^2/NDF: 356.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

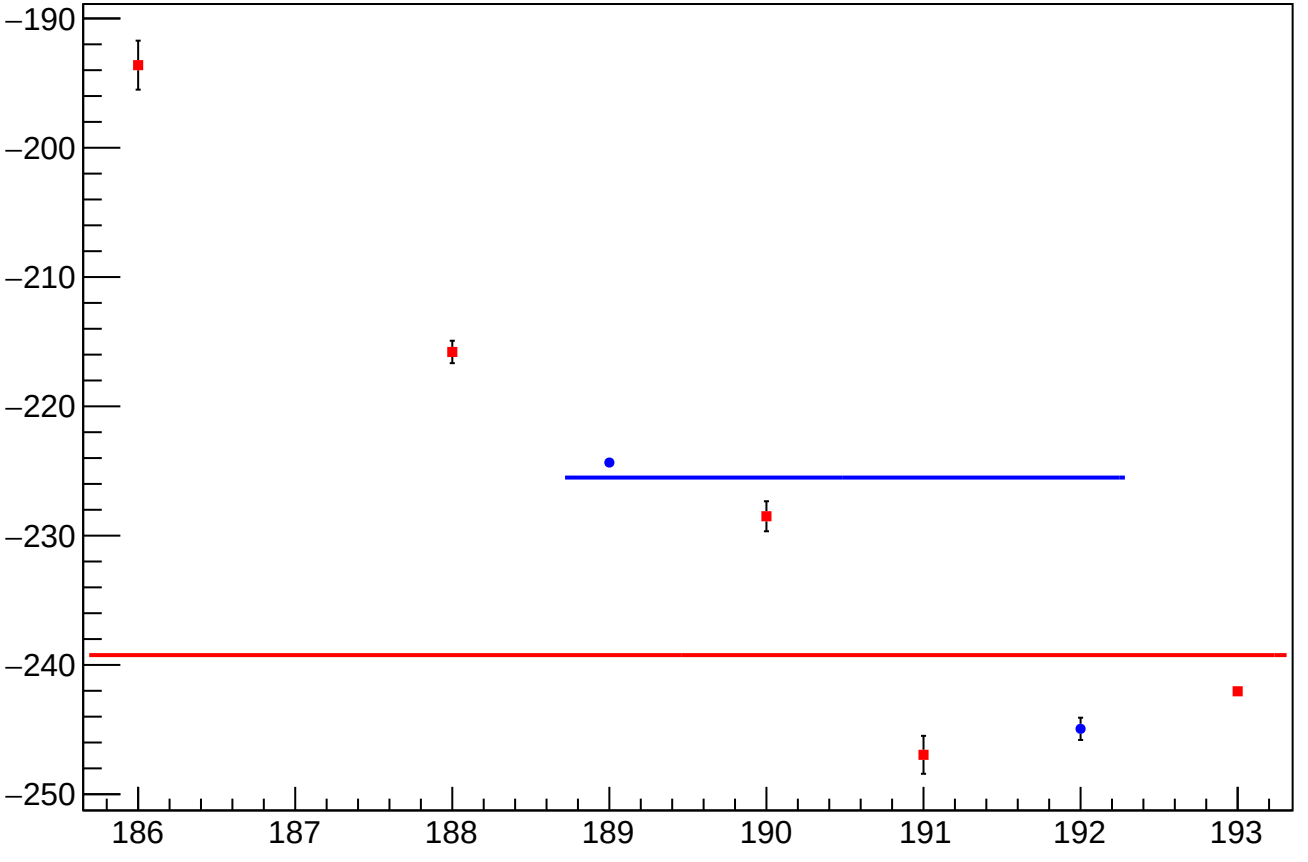
Right: 22.447+/-0.165 χ^2/NDF: 446.5/6

In: 26.068+/-0.416 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.447+/-0.165 χ^2/NDF: 446.5/6

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -225.508+/-0.204 χ^2/NDF: 540.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -239.240+/-0.223 χ^2/NDF: 1560.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

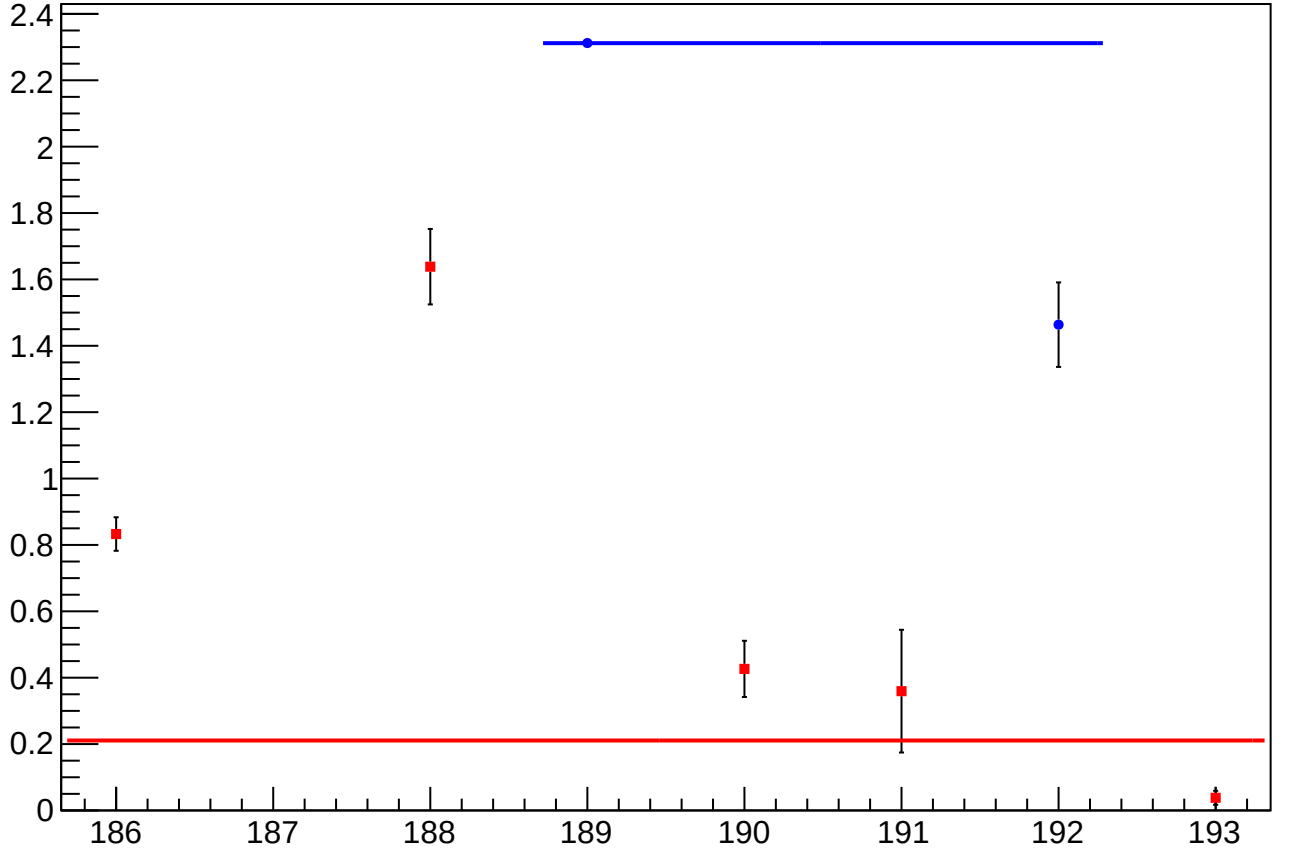
Right: -231.772+/-0.151 χ^2/NDF: 4159.4/6

In: -225.508+/-0.204 χ^2/NDF:540.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -231.772+/-0.151 χ^2/NDF: 4159.4/6

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 2.312+/-0.003 χ^2/NDF: 44.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.211+/-0.019 χ^2/NDF: 383.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

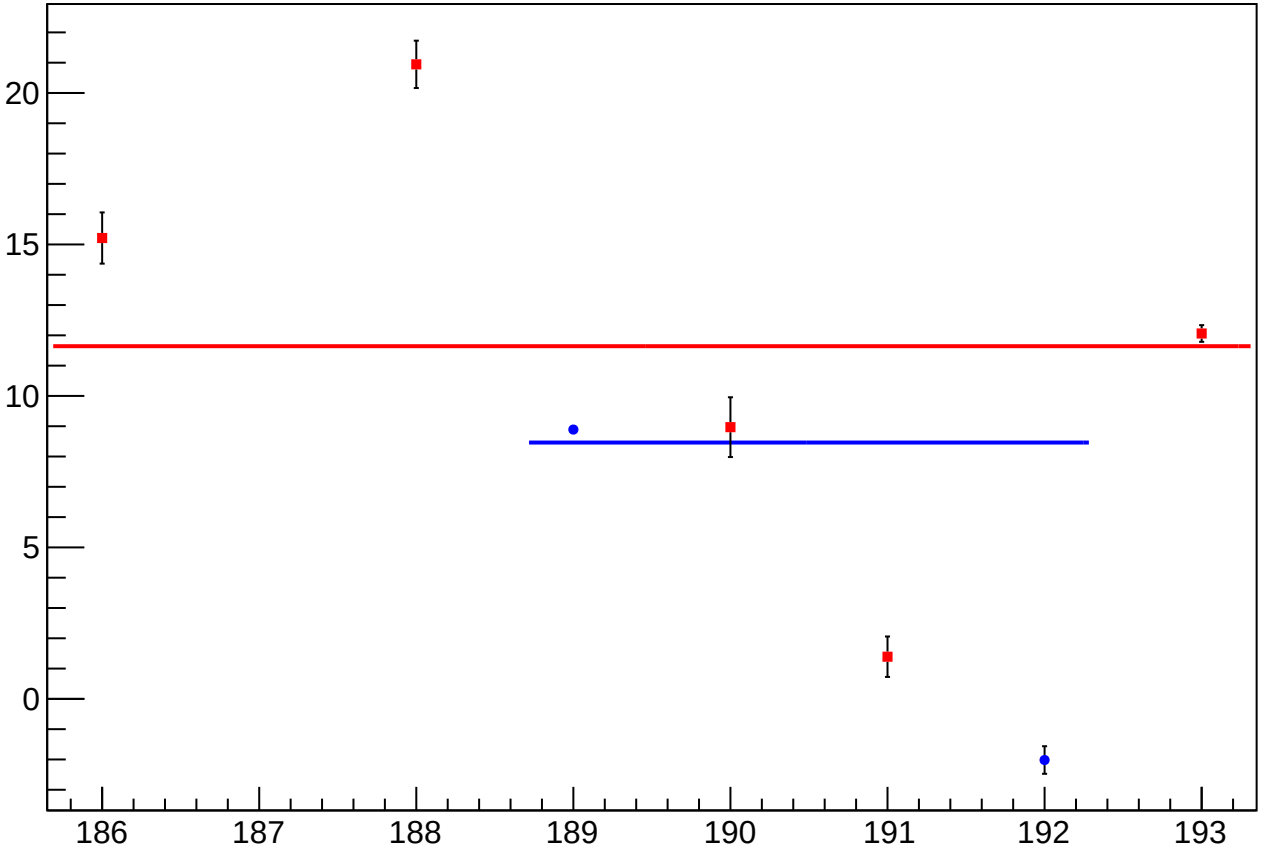
Right: 2.269+/-0.003 χ^2/NDF: 12920.1/6

In: 2.312+/-0.003 χ^2/NDF:44.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.269+/-0.003 χ^2/NDF: 12920.1/6

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 8.461+/-0.090 χ^2/NDF: 552.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.642+/-0.226 χ^2/NDF: 405.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

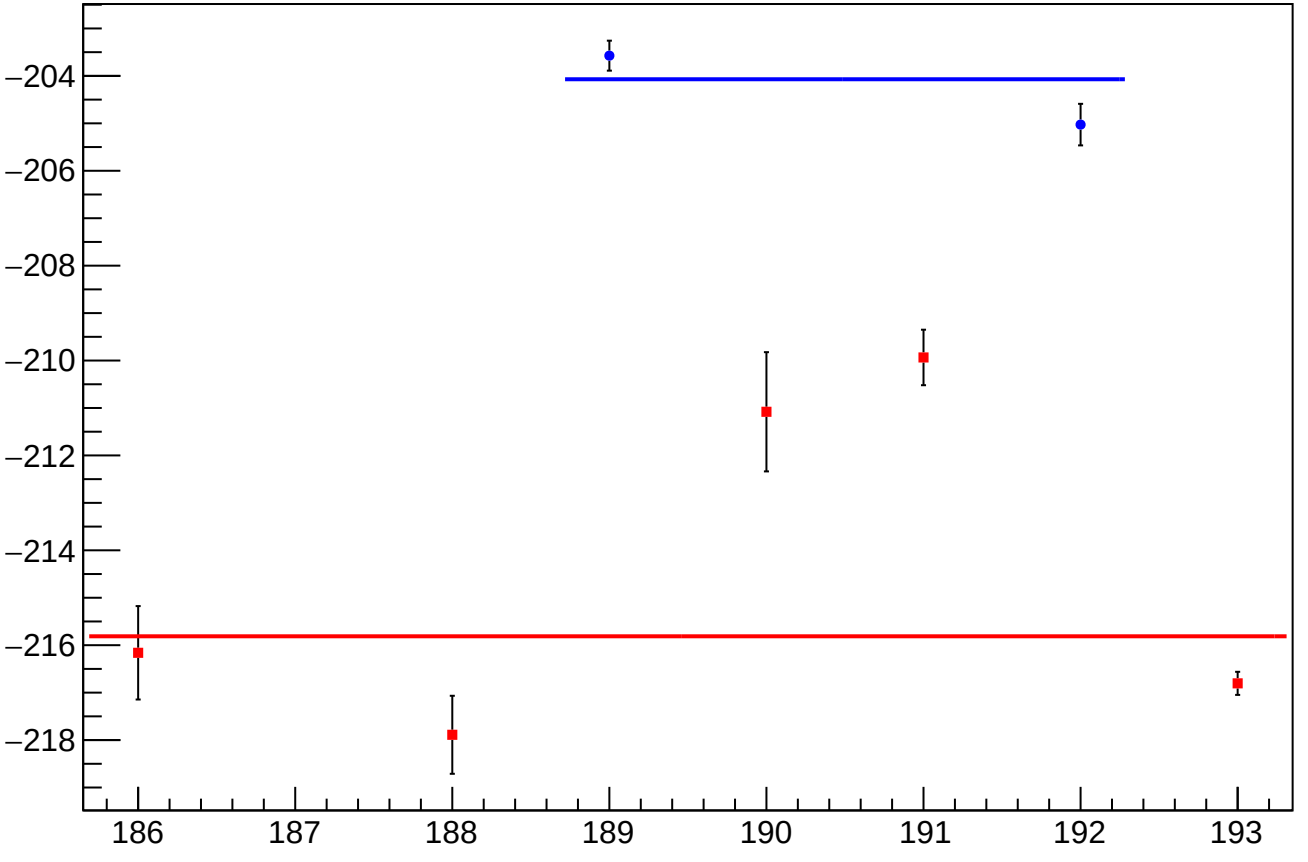
Right: 8.897+/-0.084 χ^2/NDF: 1127.7/6

In: 8.461+/-0.090 χ^2/NDF:552.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.897+/-0.084 χ^2/NDF: 1127.7/6

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -204.071+/-0.256 χ^2/NDF: 7.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -215.813+/-0.209 χ^2/NDF: 138.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

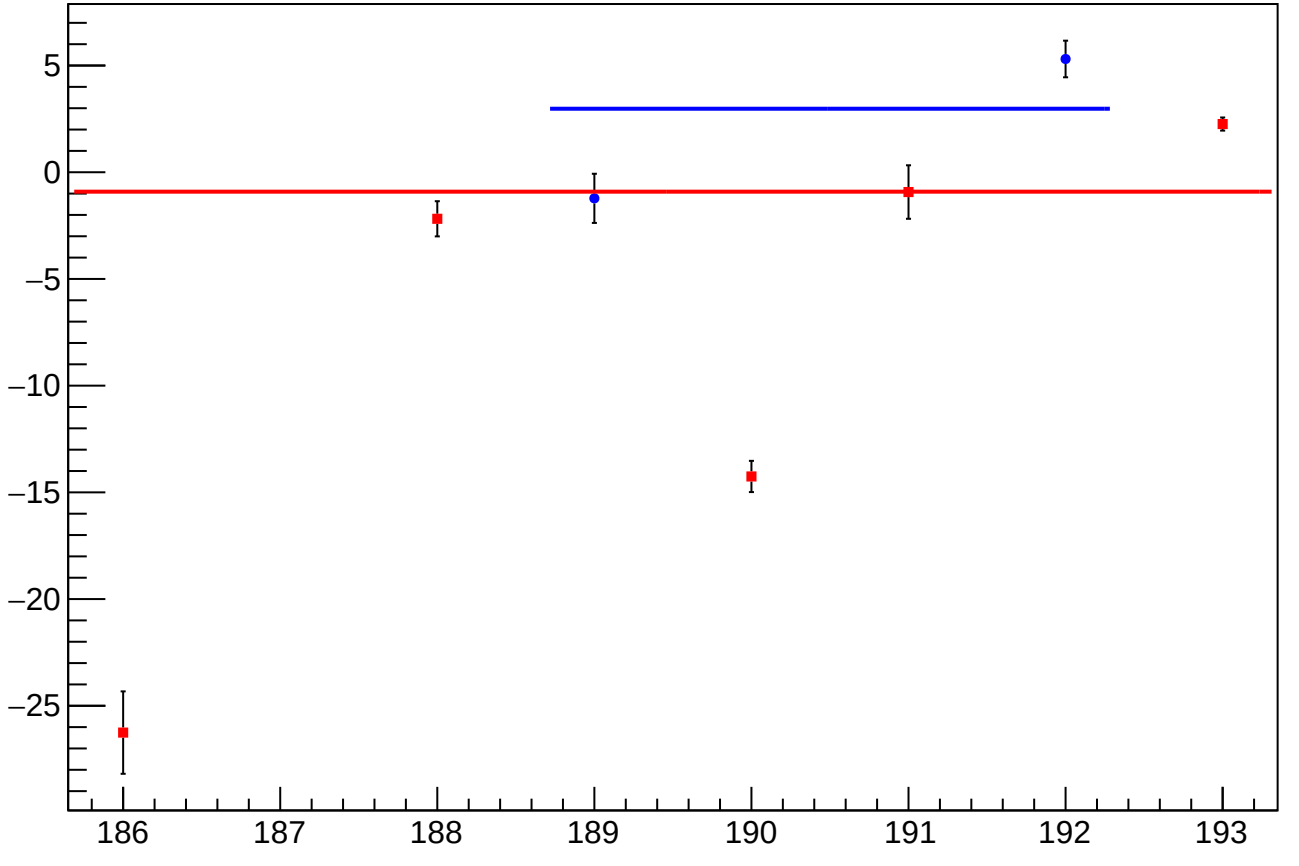
Right: -211.128+/-0.162 χ^2/NDF: 1407.4/6

In: -204.071+/-0.256 χ^2/NDF:7.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -211.128+/-0.162 χ^2/NDF: 1407.4/6

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: 2.976+/-0.688 χ^2/NDF: 20.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.911+/-0.259 χ^2/NDF: 613.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

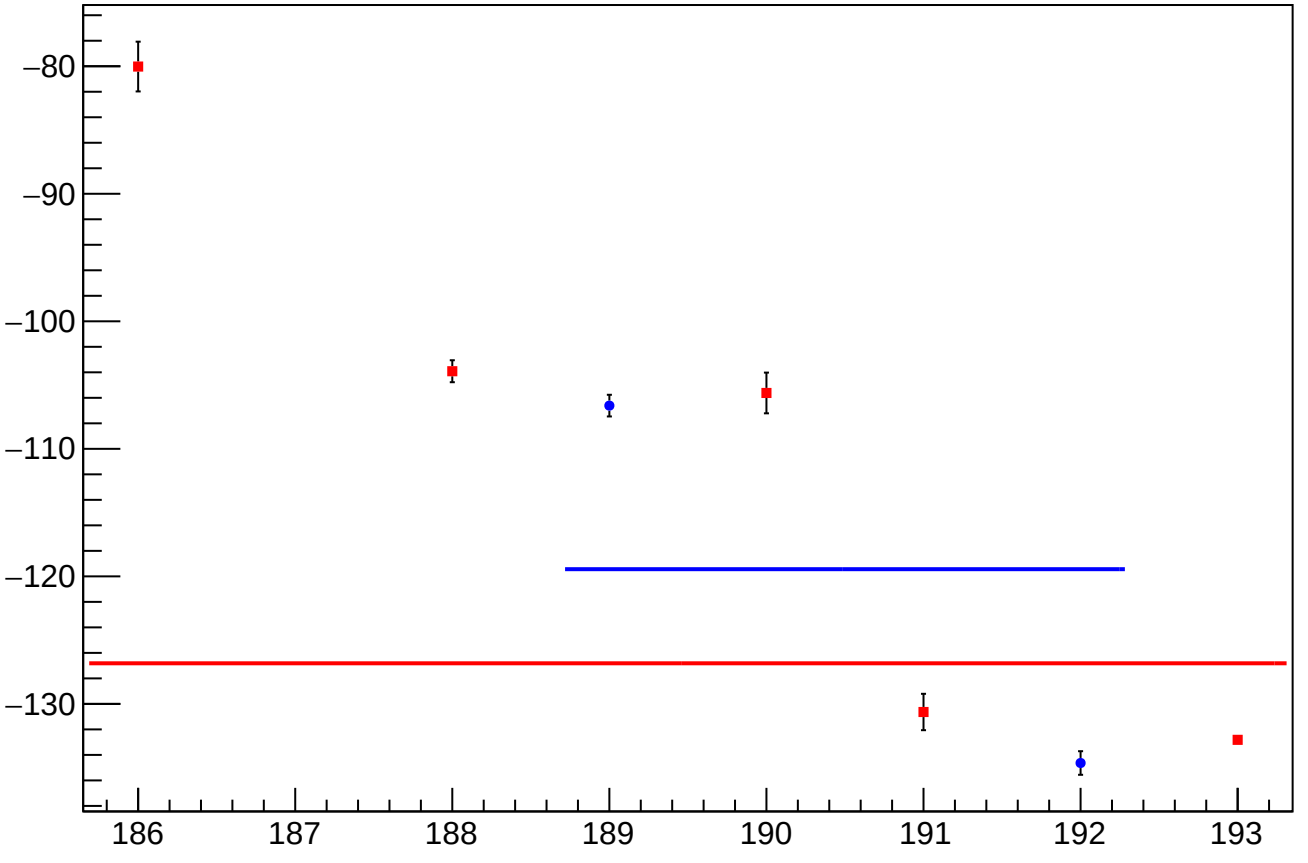
Right: -0.427+/-0.243 χ^2/NDF: 662.5/6

In: 2.976+/-0.688 χ^2/NDF:20.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.427+/-0.243 χ^2/NDF: 662.5/6

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -119.437+/-0.626 χ^2/NDF: 497.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -126.816+/-0.305 χ^2/NDF: 1763.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

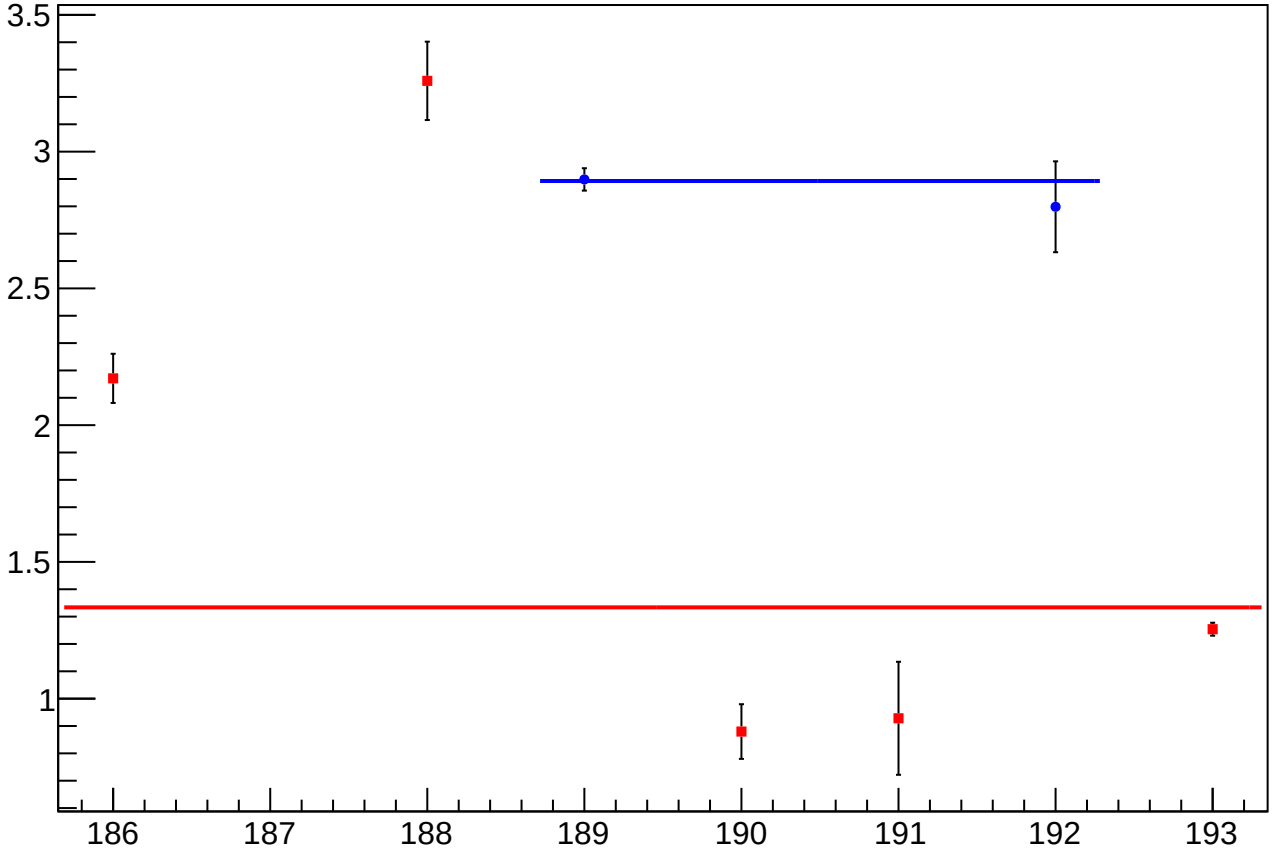
Right: -125.401+/-0.274 χ^2/NDF: 2373.0/6

In: -119.437+/-0.626 χ^2/NDF:497.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -125.401+/-0.274 χ^2/NDF: 2373.0/6

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 2.893+/-0.040 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.334+/-0.022 χ^2/NDF: 303.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

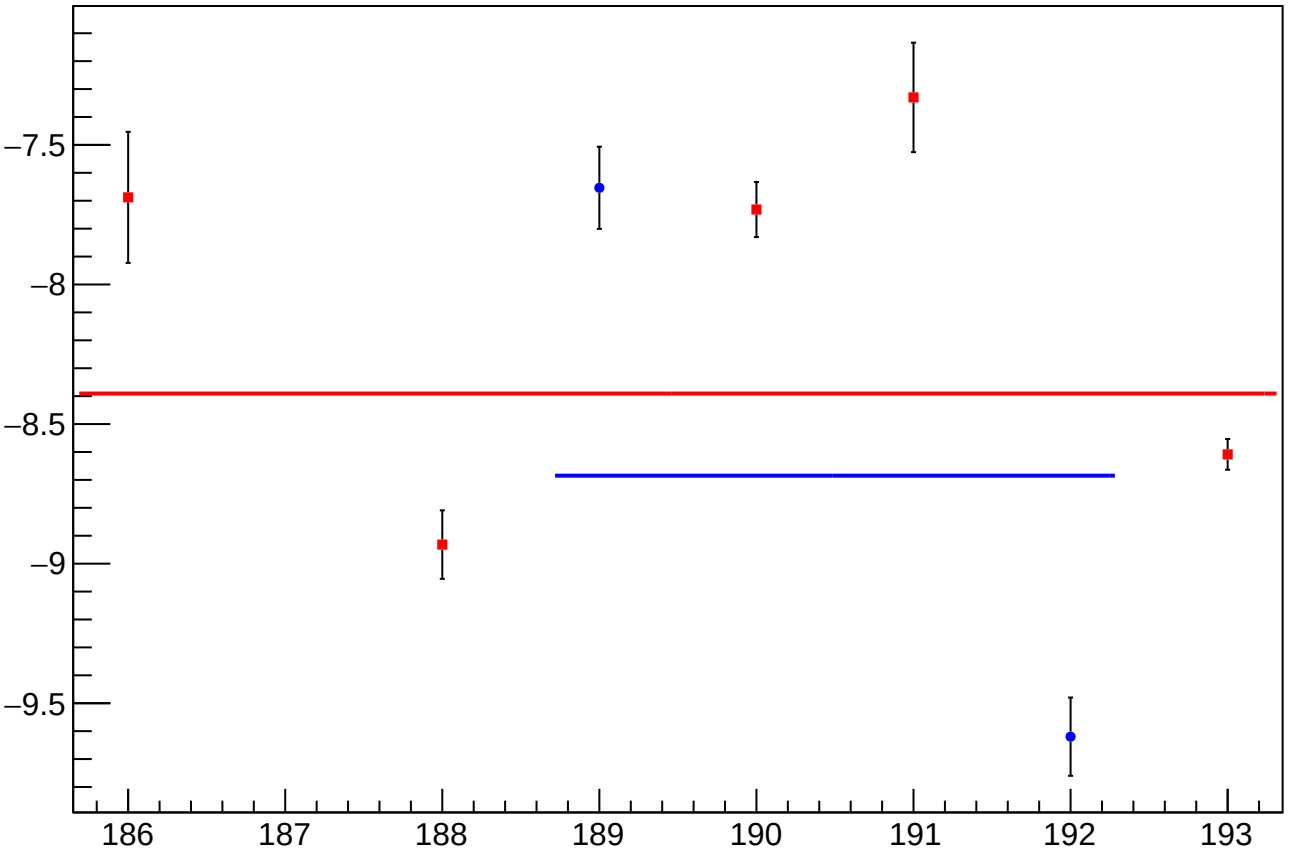
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.698+/-0.019 χ^2/NDF: 1484.1/6

In: 2.893+/-0.040 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.698+/-0.019 χ^2/NDF: 1484.1/6



Right In: -8.685+/-0.102 χ^2/NDF: 93.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.391+/-0.043 χ^2/NDF: 117.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

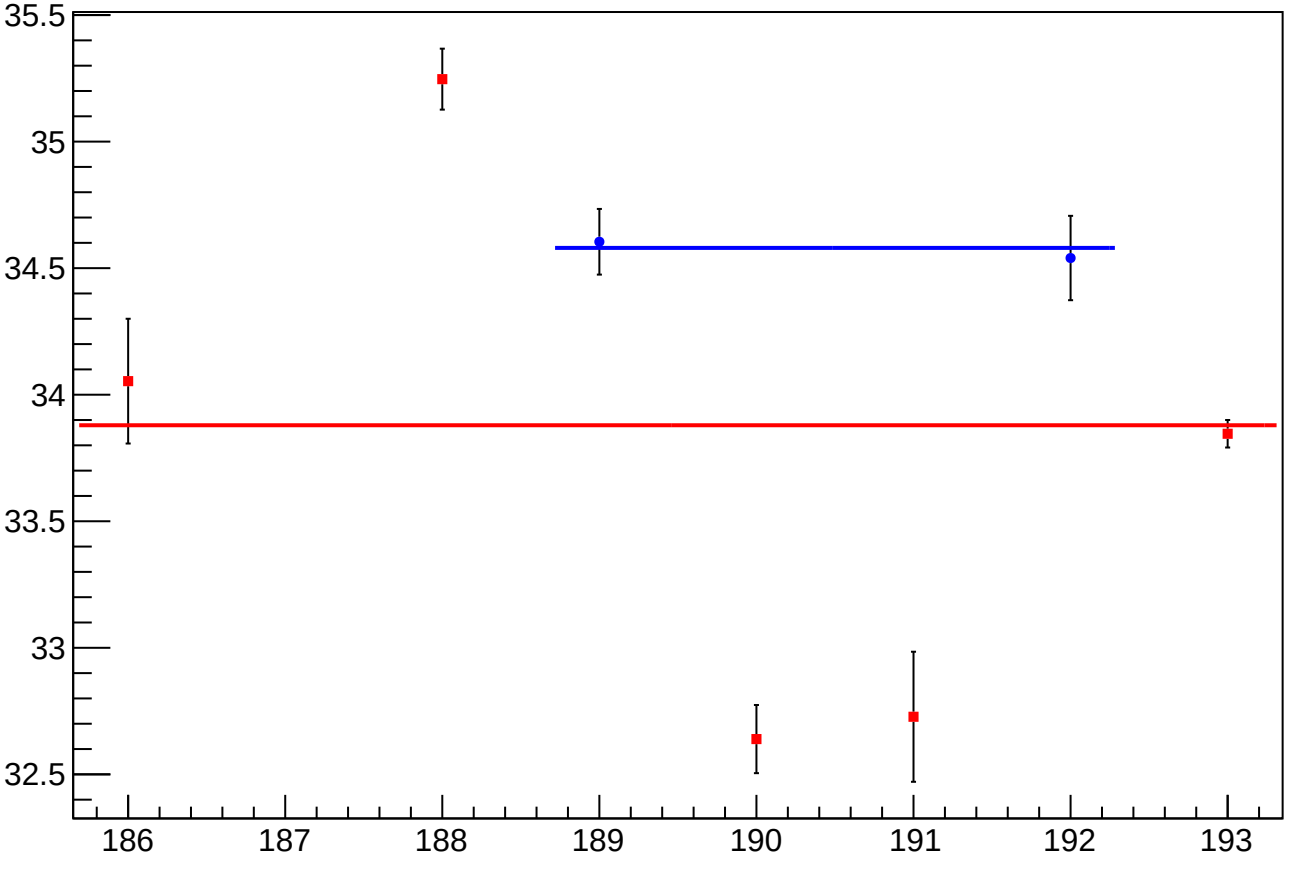
Right: -8.435+/-0.040 χ^2/NDF: 218.6/6

In: -8.685+/-0.102 χ^2/NDF:93.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.435+/-0.040 χ^2/NDF: 218.6/6

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 34.580+/-0.102 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 33.879+/-0.045 χ^2/NDF: 234.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

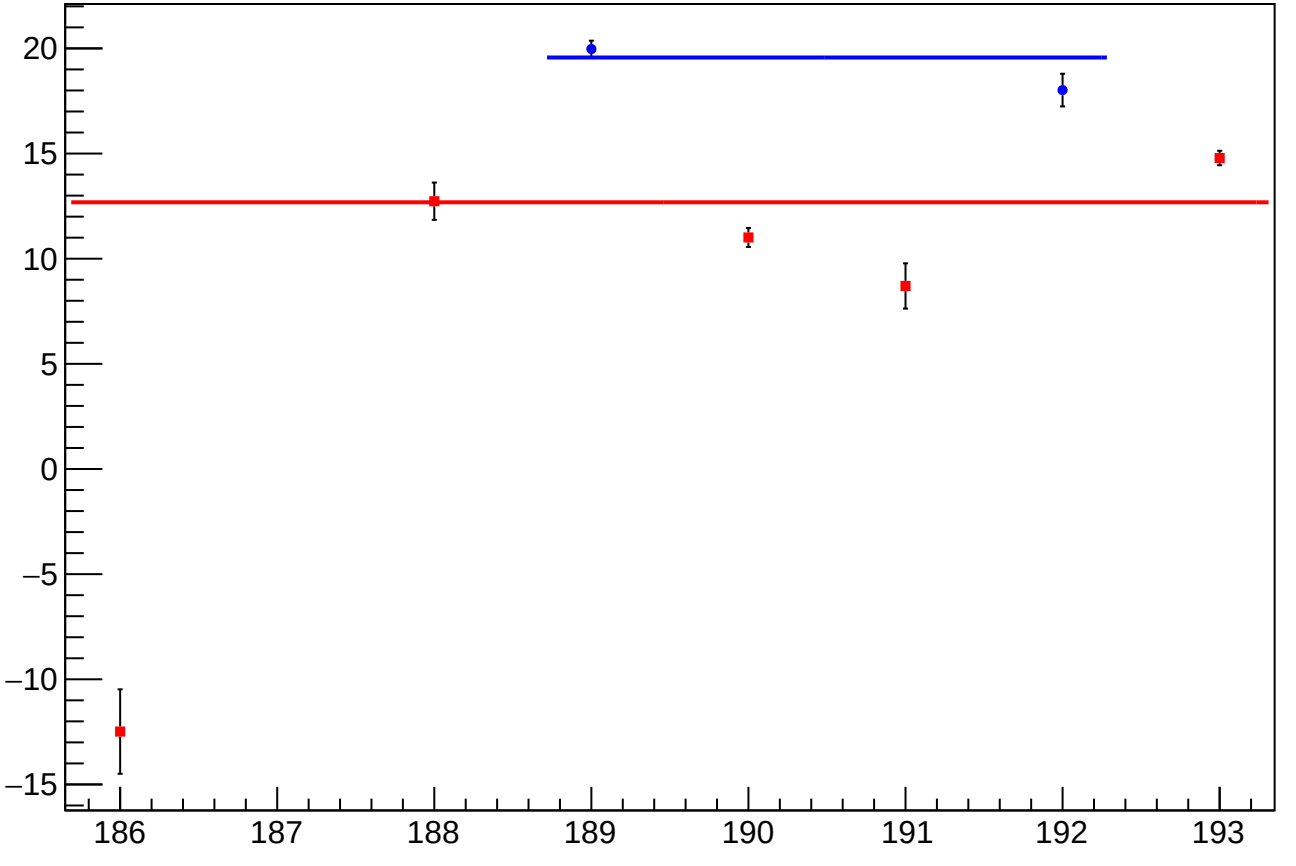
Right: 33.993+/-0.041 χ^2/NDF: 274.0/6

In: 34.580+/-0.102 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 33.993+/-0.041 χ^2/NDF: 274.0/6

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 19.567+/-0.353 χ^2/NDF: 5.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.683+/-0.252 χ^2/NDF: 221.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

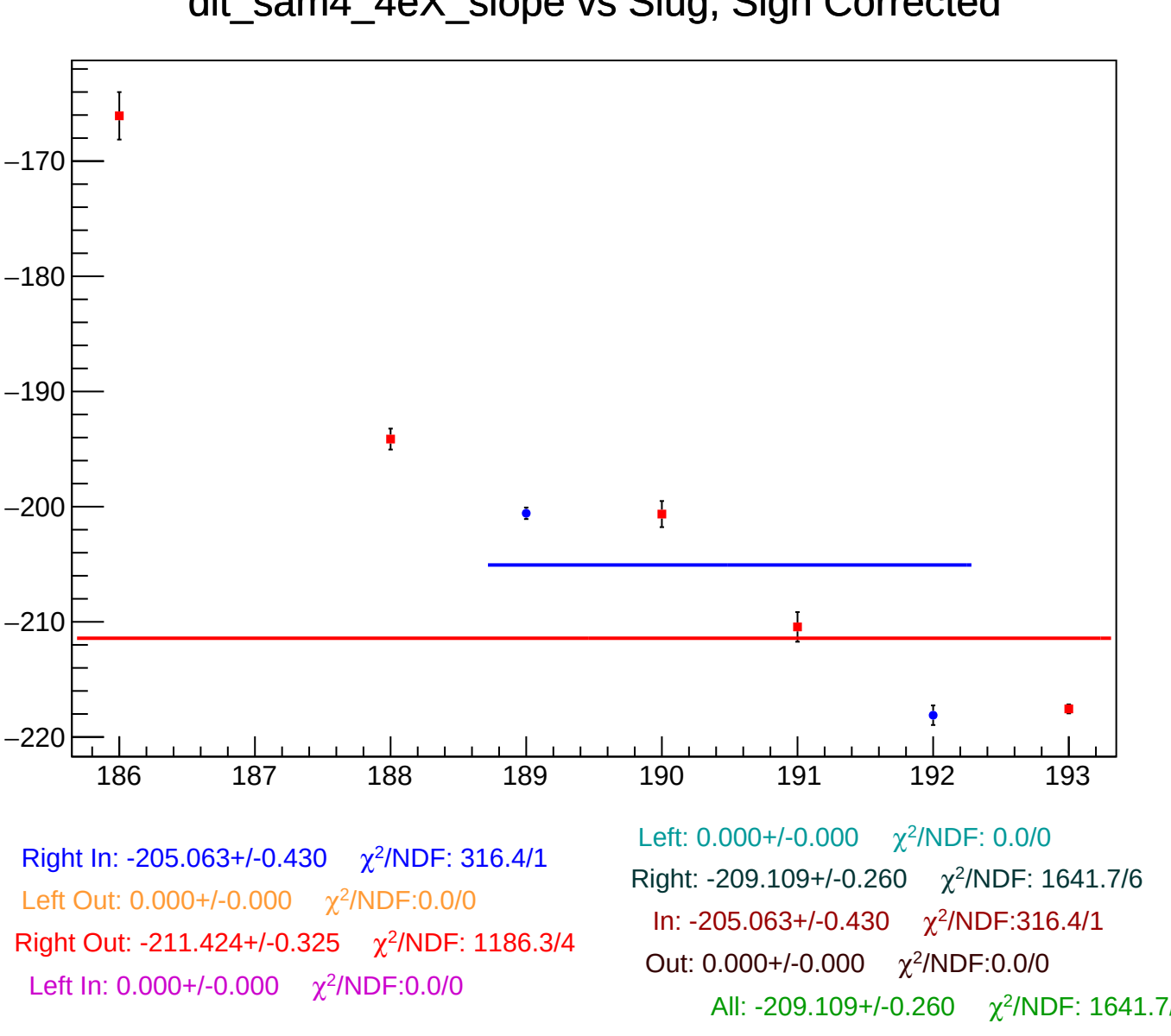
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 15.007+/-0.205 χ^2/NDF: 478.5/6

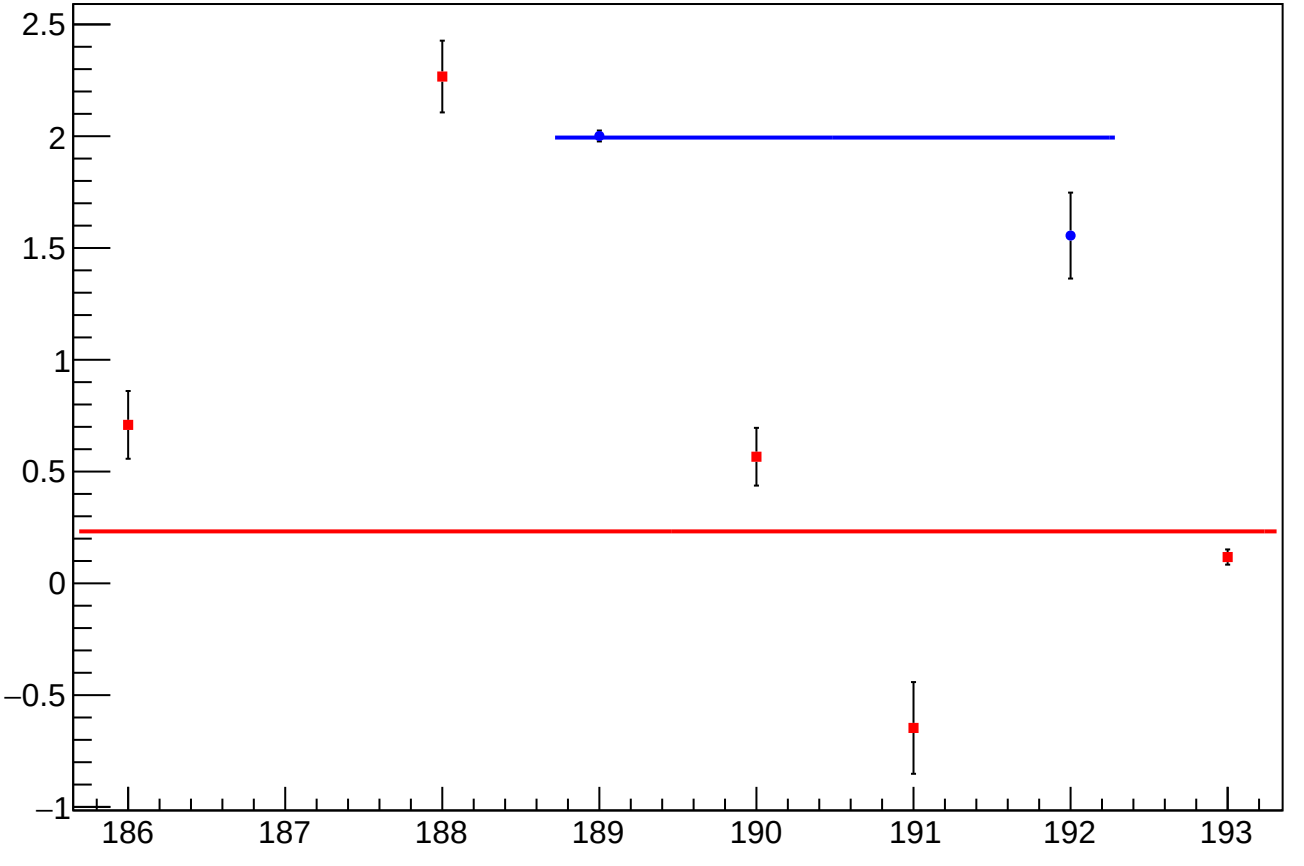
In: 19.567+/-0.353 χ^2/NDF:5.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.007+/-0.205 χ^2/NDF: 478.5/6


dit_sam4_4eX_slope vs Slug, Sign Corrected
−170
−180
−190
−200
−210
−220
186
187
188
189
190
191
192
193
Right In: -205.063+/-0.430 χ²/NDF: 316.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -211.424+/-0.325 χ²/NDF: 1186.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -209.109+/-0.260 χ²/NDF: 1641.7/6
In: -205.063+/-0.430 χ²/NDF:316.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -209.109+/-0.260 χ²/NDF: 1641.7/6

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 1.994+/-0.024 χ^2/NDF: 5.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.232+/-0.031 χ^2/NDF: 207.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

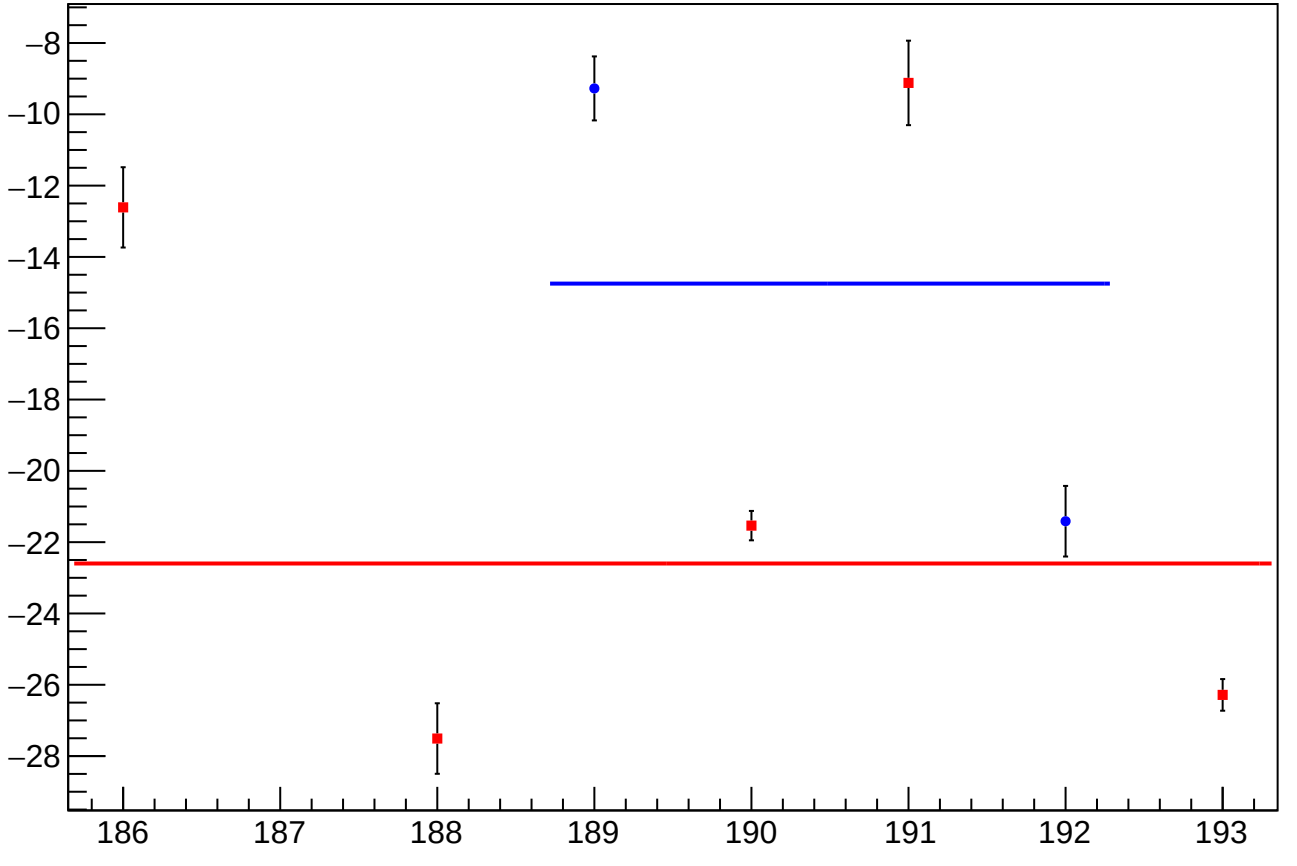
Right: 1.331+/-0.019 χ^2/NDF: 2201.6/6

In: 1.994+/-0.024 χ^2/NDF:5.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.331+/-0.019 χ^2/NDF: 2201.6/6

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -14.748+/-0.665 χ^2/NDF: 82.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -22.599+/-0.272 χ^2/NDF: 308.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

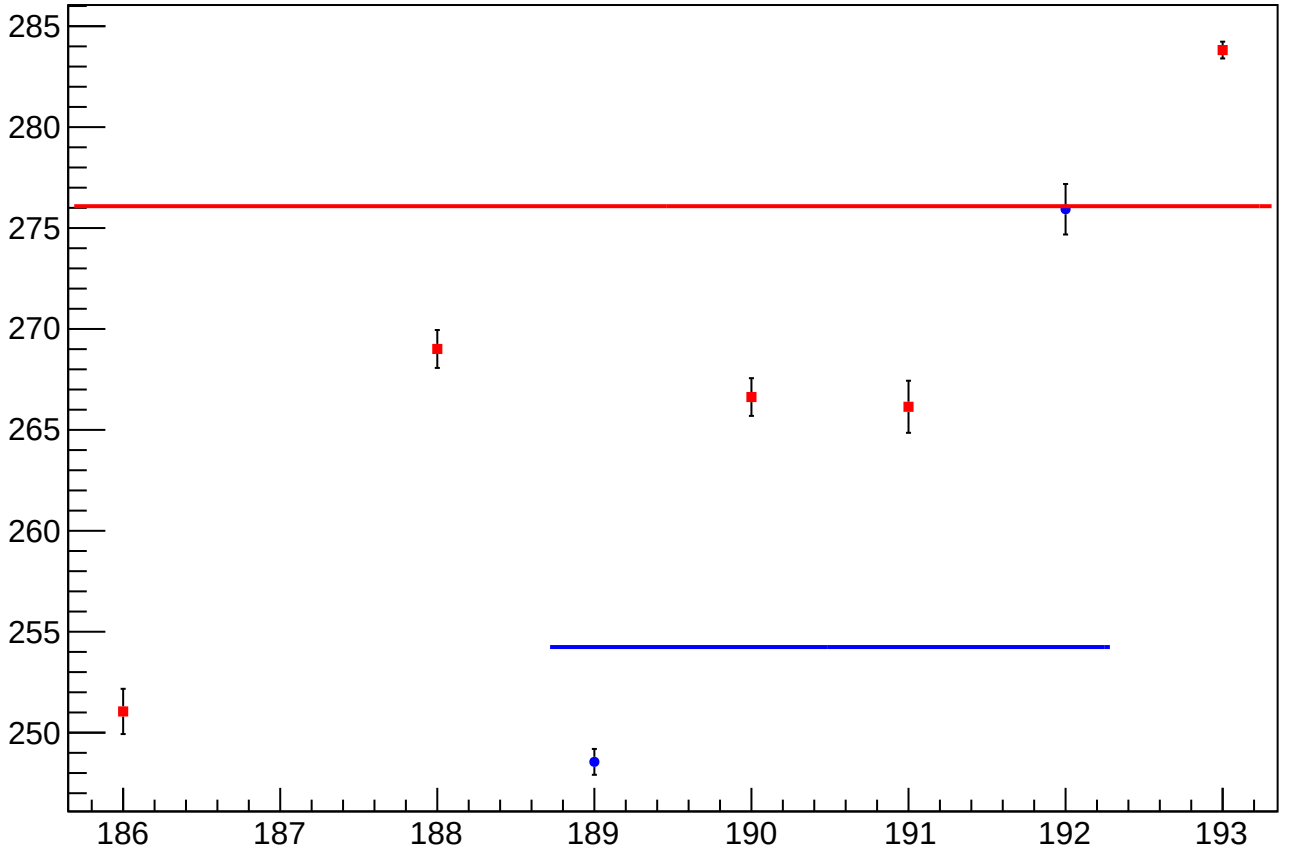
Right: -21.471+/-0.252 χ^2/NDF: 510.2/6

In: -14.748+/-0.665 χ^2/NDF:82.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21.471+/-0.252 χ^2/NDF: 510.2/6

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 254.241+/-0.570 χ^2/NDF: 379.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 276.083+/-0.325 χ^2/NDF: 1063.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

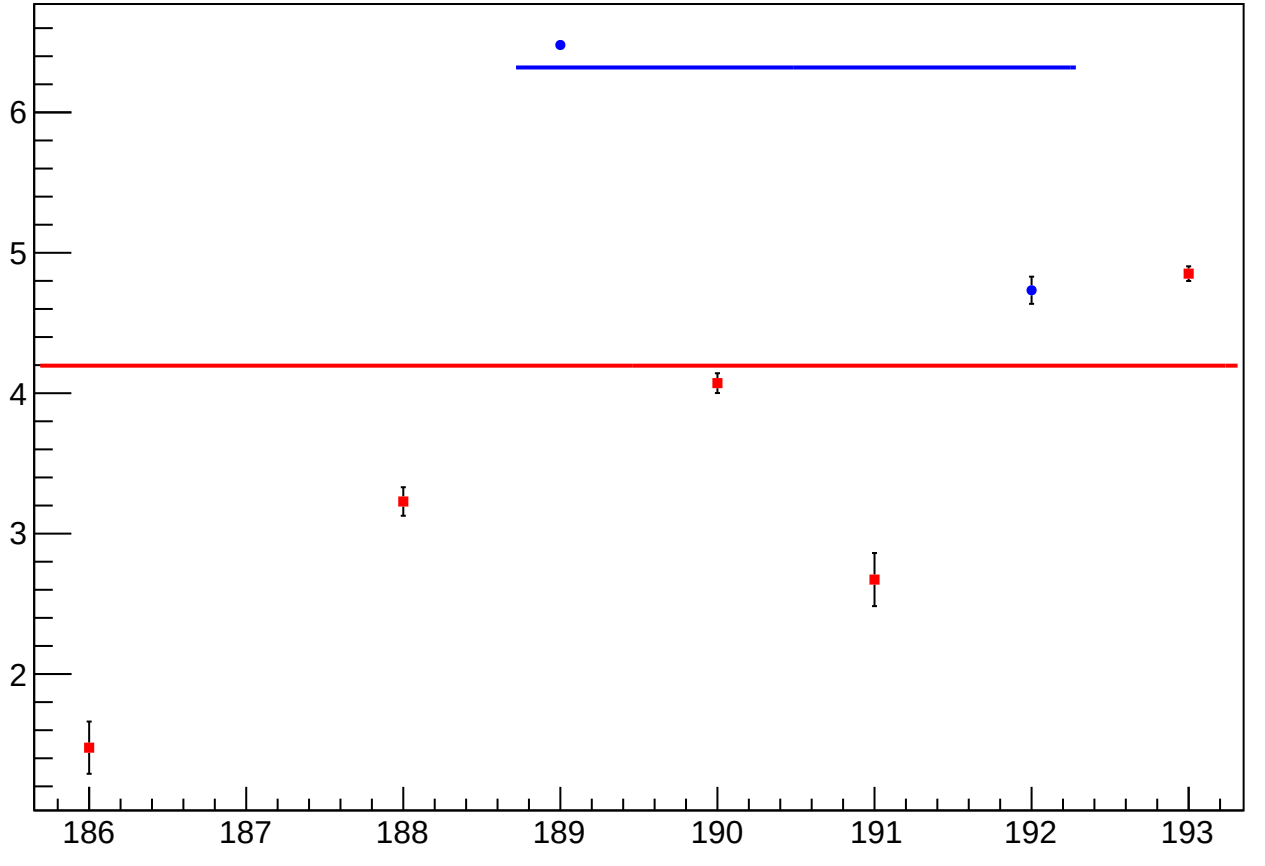
Right: 270.725+/-0.282 χ^2/NDF: 2549.2/6

In: 254.241+/-0.570 χ^2/NDF:379.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 270.725+/-0.282 χ^2/NDF: 2549.2/6

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 6.320+/-0.029 χ^2/NDF: 295.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.196+/-0.037 χ^2/NDF: 529.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

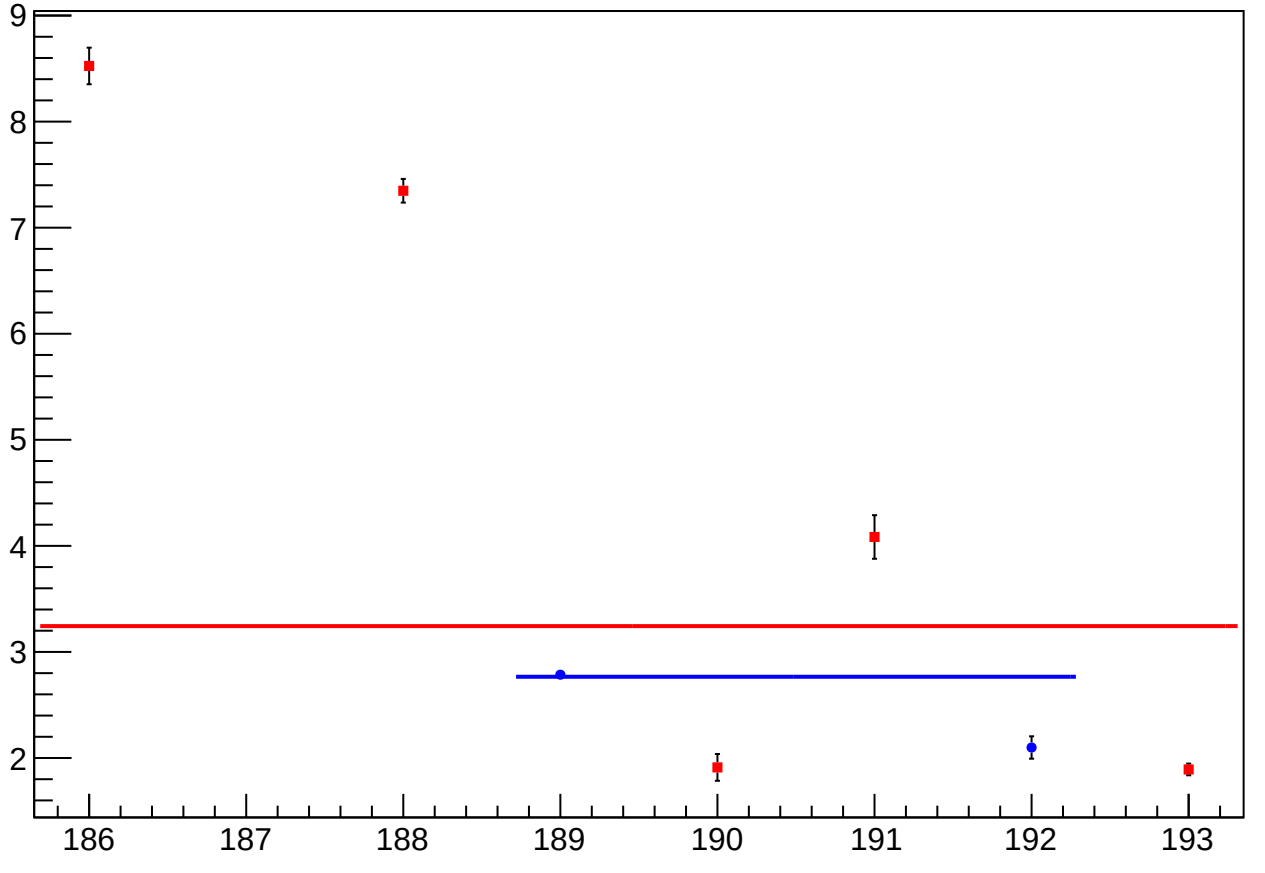
Right: 5.508+/-0.023 χ^2/NDF: 2833.1/6

In: 6.320+/-0.029 χ^2/NDF:295.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.508+/-0.023 χ^2/NDF: 2833.1/6

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: 2.766+/-0.018 χ^2/NDF: 41.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.243+/-0.044 χ^2/NDF: 3015.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

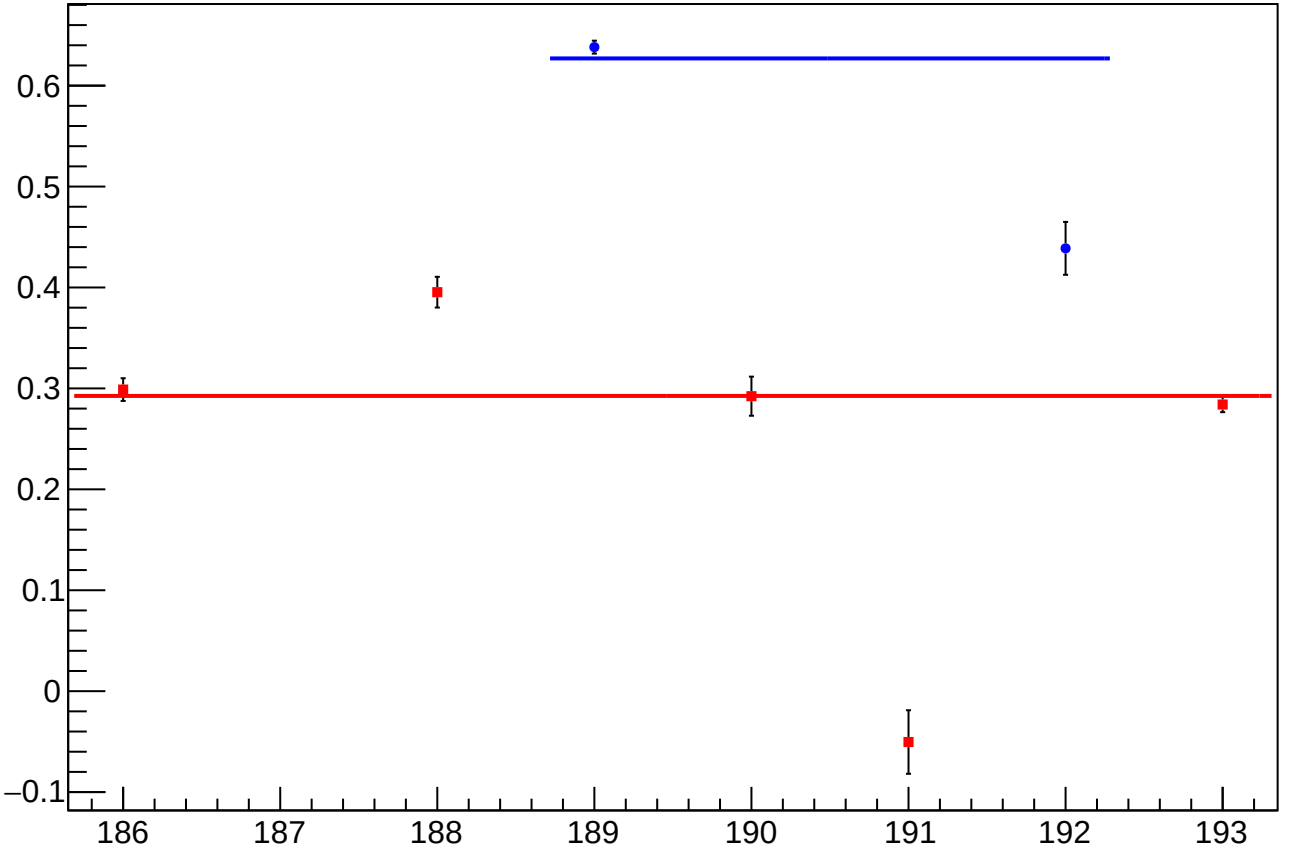
Right: 2.834+/-0.016 χ^2/NDF: 3160.0/6

In: 2.766+/-0.018 χ^2/NDF:41.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.834+/-0.016 χ^2/NDF: 3160.0/6

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.627+/-0.006 χ^2/NDF: 54.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.293+/-0.005 χ^2/NDF: 165.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

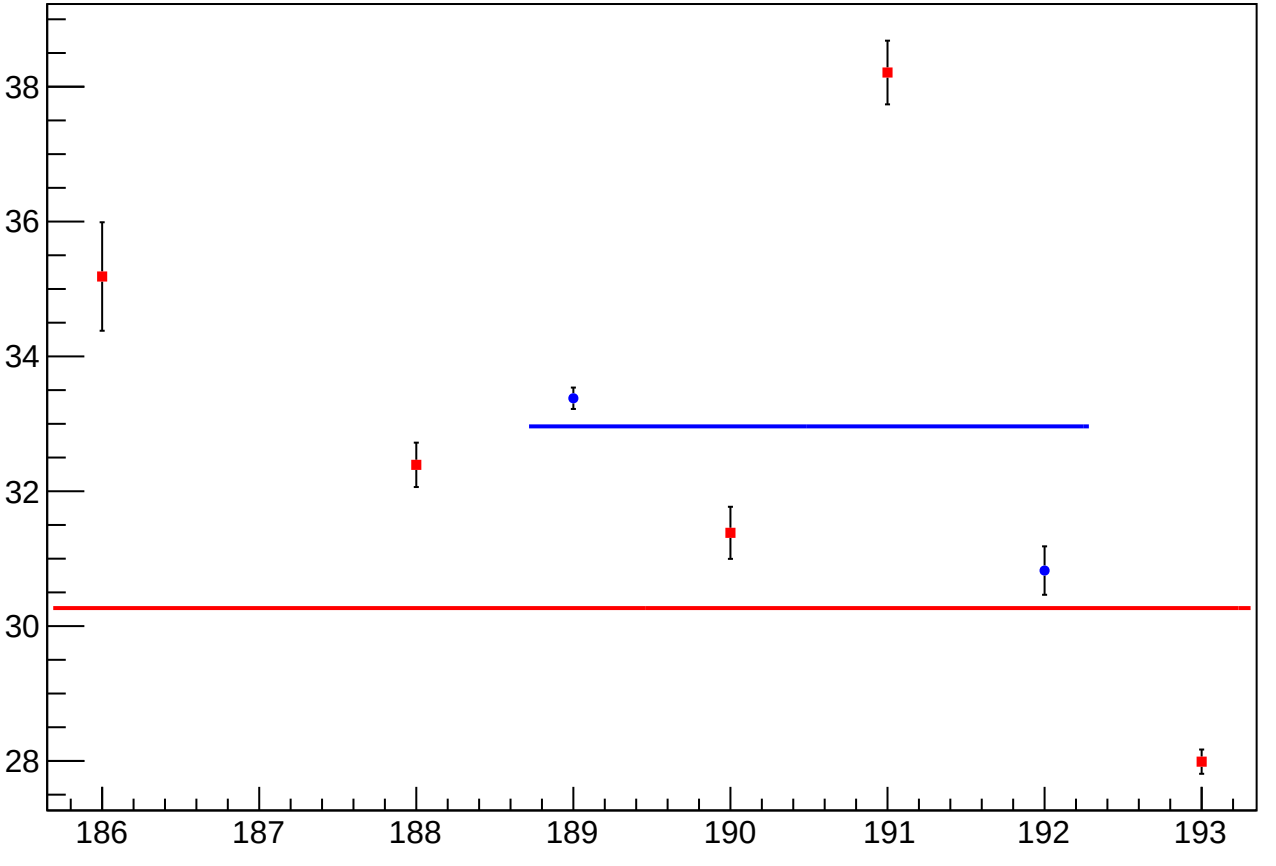
Right: 0.439+/-0.004 χ^2/NDF: 1847.4/6

In: 0.627+/-0.006 χ^2/NDF:54.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.439+/-0.004 χ^2/NDF: 1847.4/6

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 32.962+/-0.145 χ^2/NDF: 42.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.267+/-0.138 χ^2/NDF: 530.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

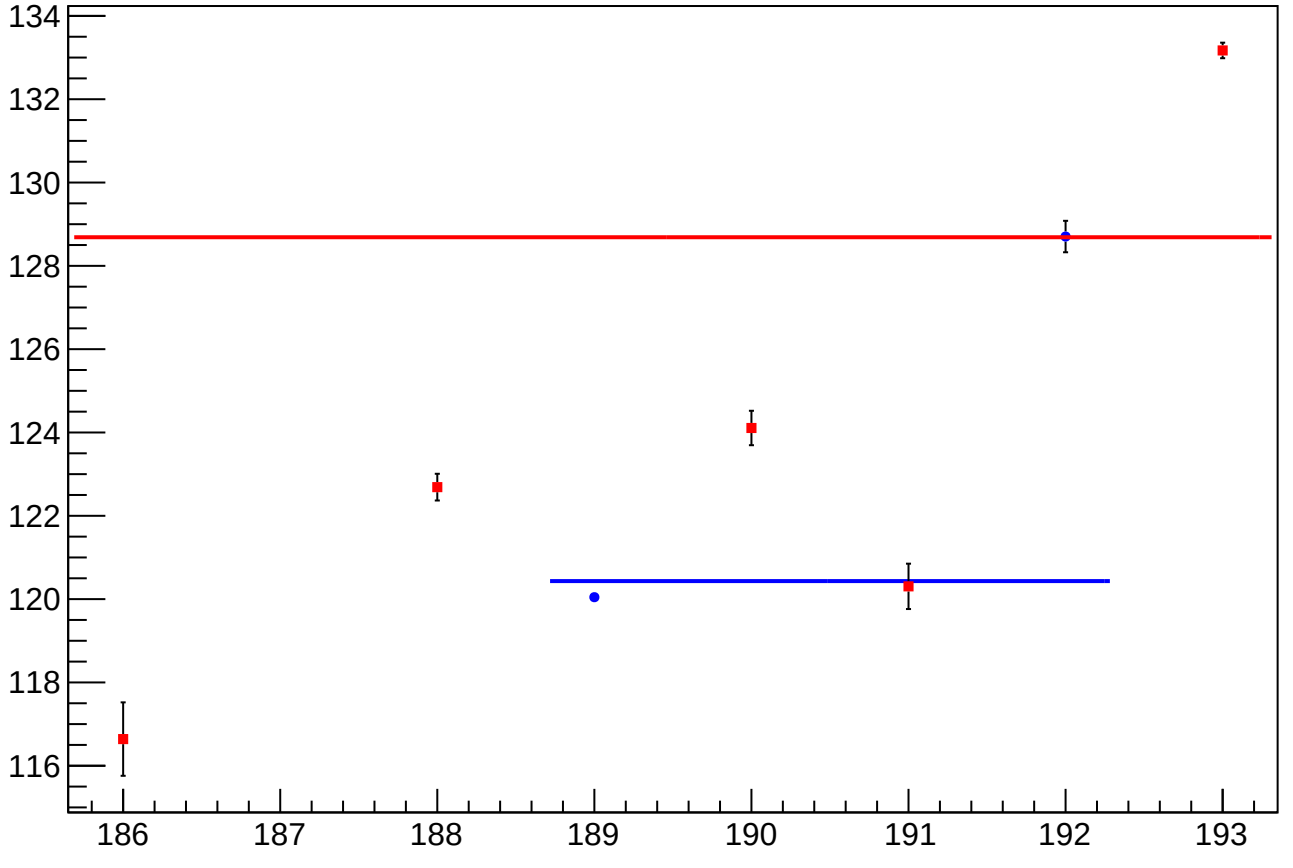
Right: 31.543+/-0.100 χ^2/NDF: 754.2/6

In: 32.962+/-0.145 χ^2/NDF:42.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 31.543+/-0.100 χ^2/NDF: 754.2/6

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 120.433+/-0.080 χ^2/NDF: 502.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 128.687+/-0.143 χ^2/NDF: 1474.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

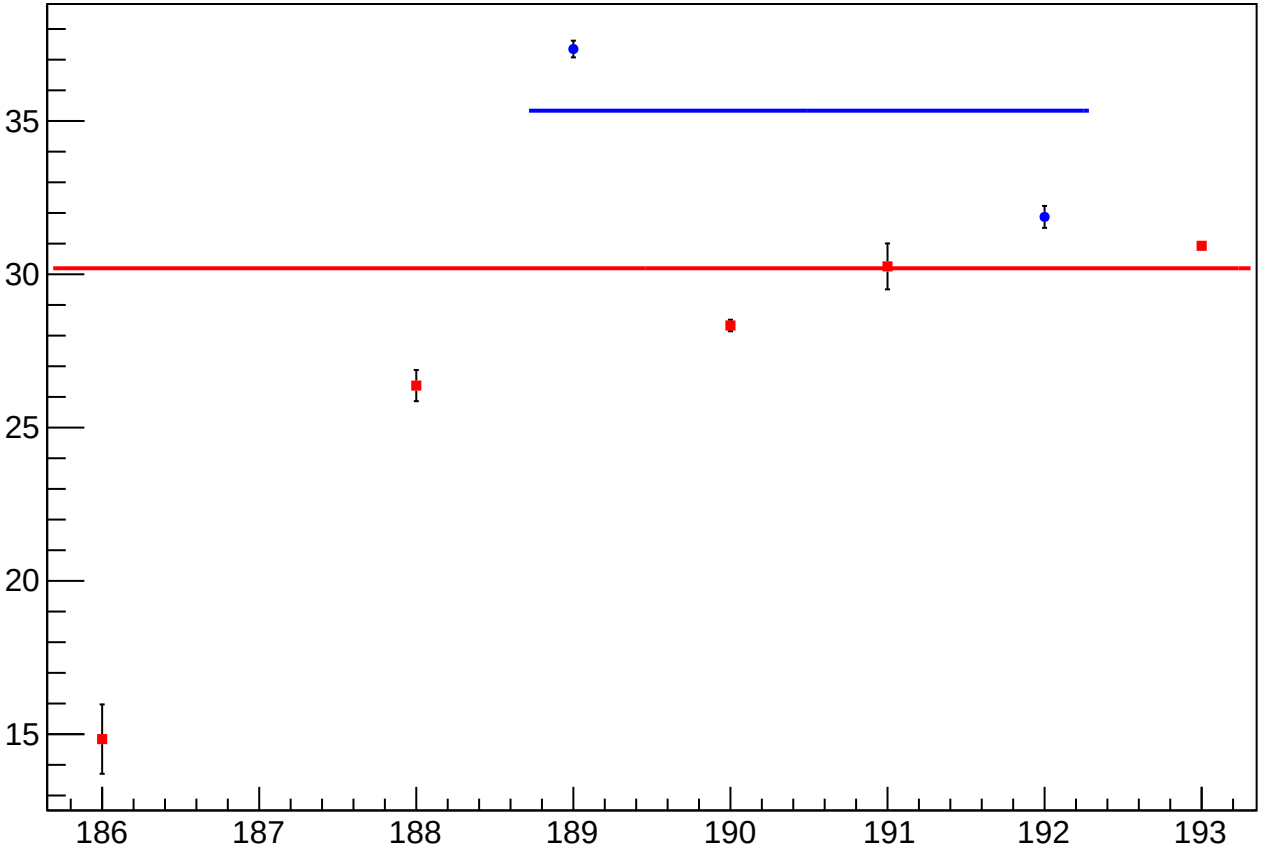
Right: 122.394+/-0.070 χ^2/NDF: 4521.3/6

In: 120.433+/-0.080 χ^2/NDF:502.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 122.394+/-0.070 χ^2/NDF: 4521.3/6

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 35.336+/-0.217 χ^2/NDF: 147.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.196+/-0.084 χ^2/NDF: 396.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

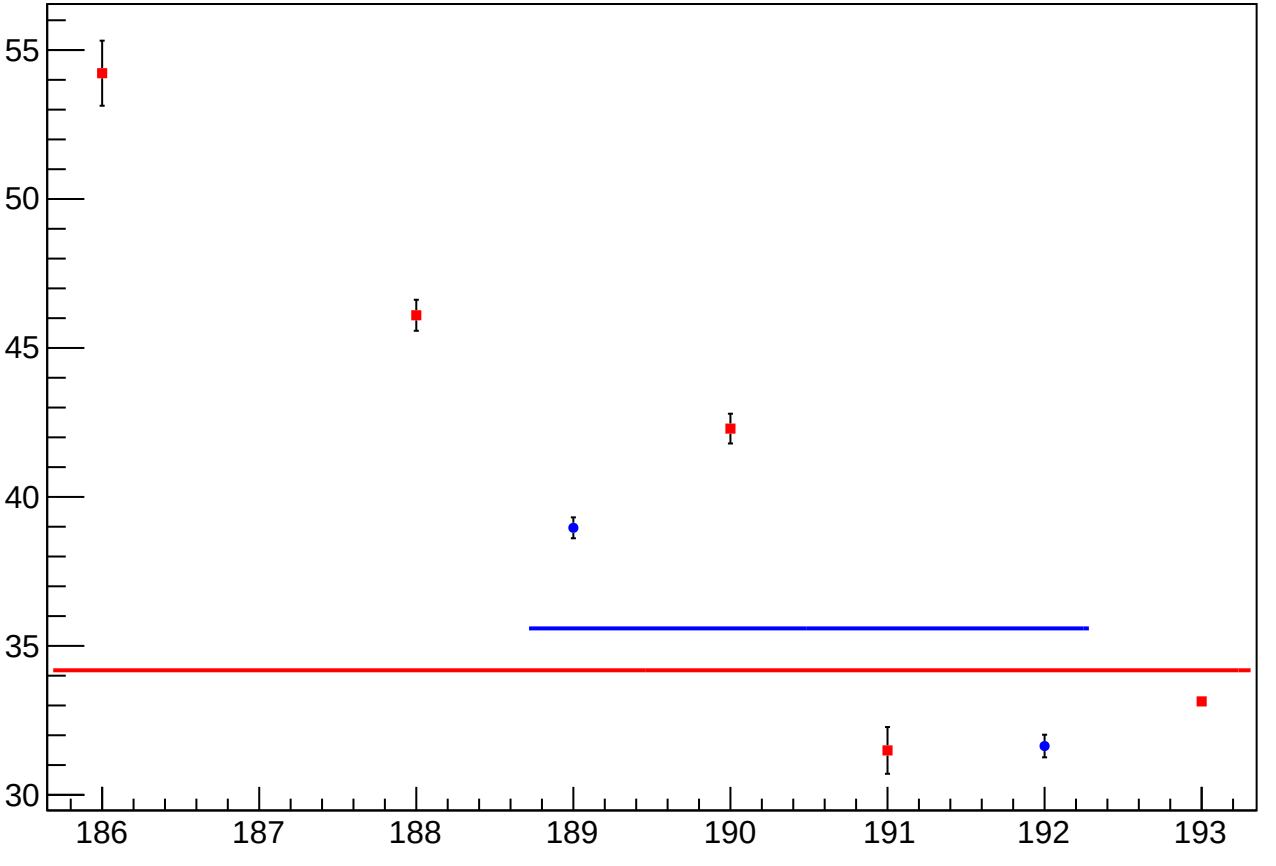
Right: 30.863+/-0.078 χ^2/NDF: 1031.5/6

In: 35.336+/-0.217 χ^2/NDF:147.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 30.863+/-0.078 χ^2/NDF: 1031.5/6

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 35.587+/-0.258 χ^2/NDF: 200.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.181+/-0.102 χ^2/NDF: 1228.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

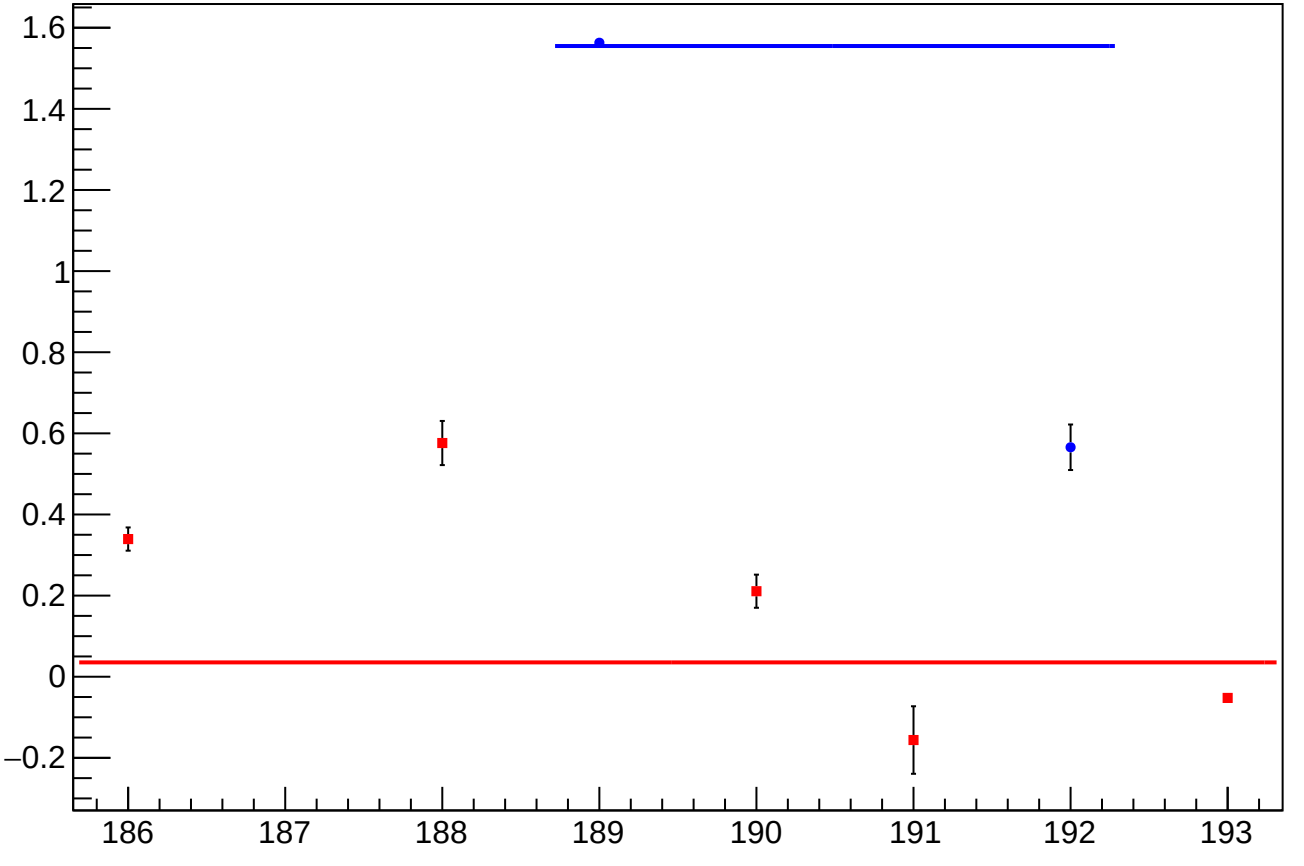
Right: 34.372+/-0.095 χ^2/NDF: 1454.7/6

In: 35.587+/-0.258 χ^2/NDF:200.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 34.372+/-0.095 χ^2/NDF: 1454.7/6

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 1.555+/-0.005 χ^2/NDF: 313.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.035+/-0.010 χ^2/NDF: 290.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

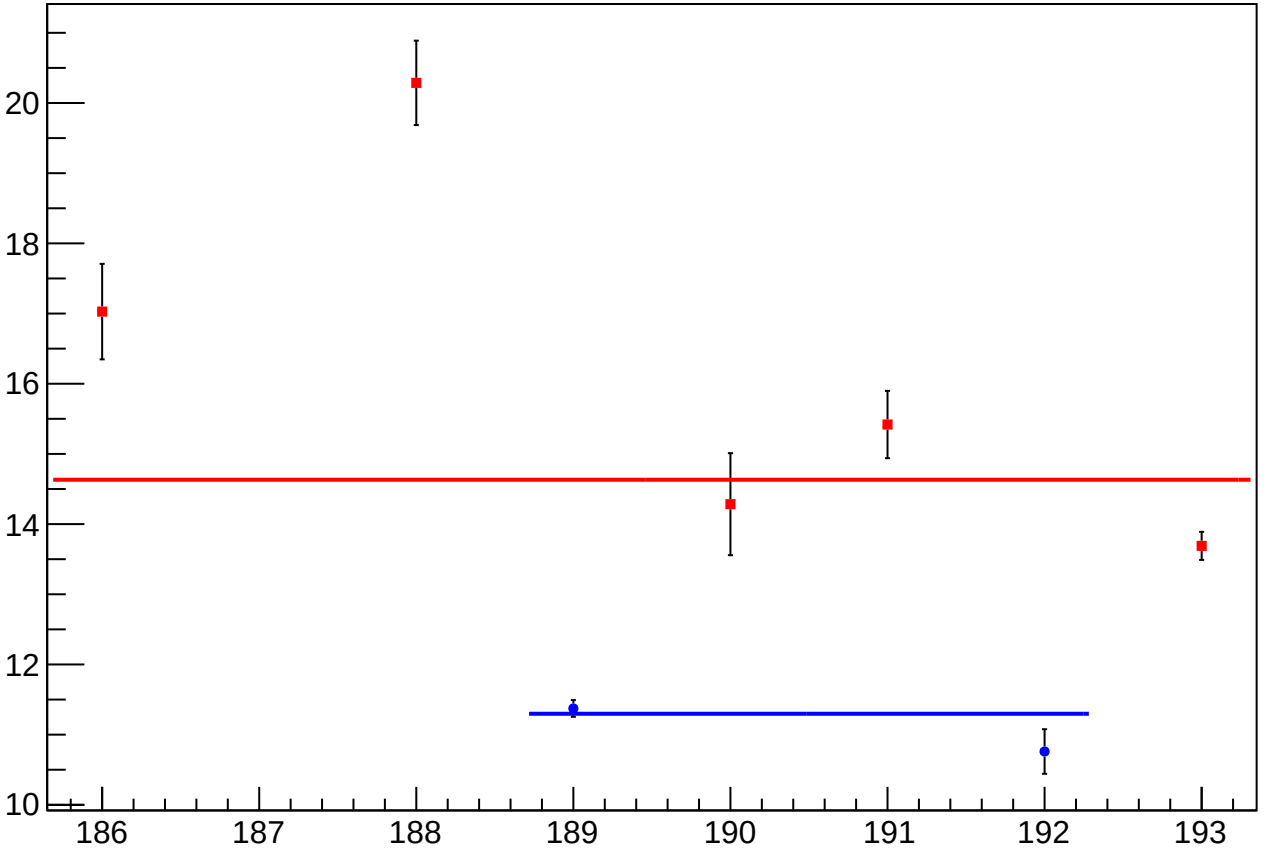
Right: 1.258+/-0.005 χ^2/NDF: 18255.4/6

In: 1.555+/-0.005 χ^2/NDF:313.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.258+/-0.005 χ^2/NDF: 18255.4/6

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 11.298+/-0.111 χ^2/NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.632+/-0.166 χ^2/NDF: 126.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

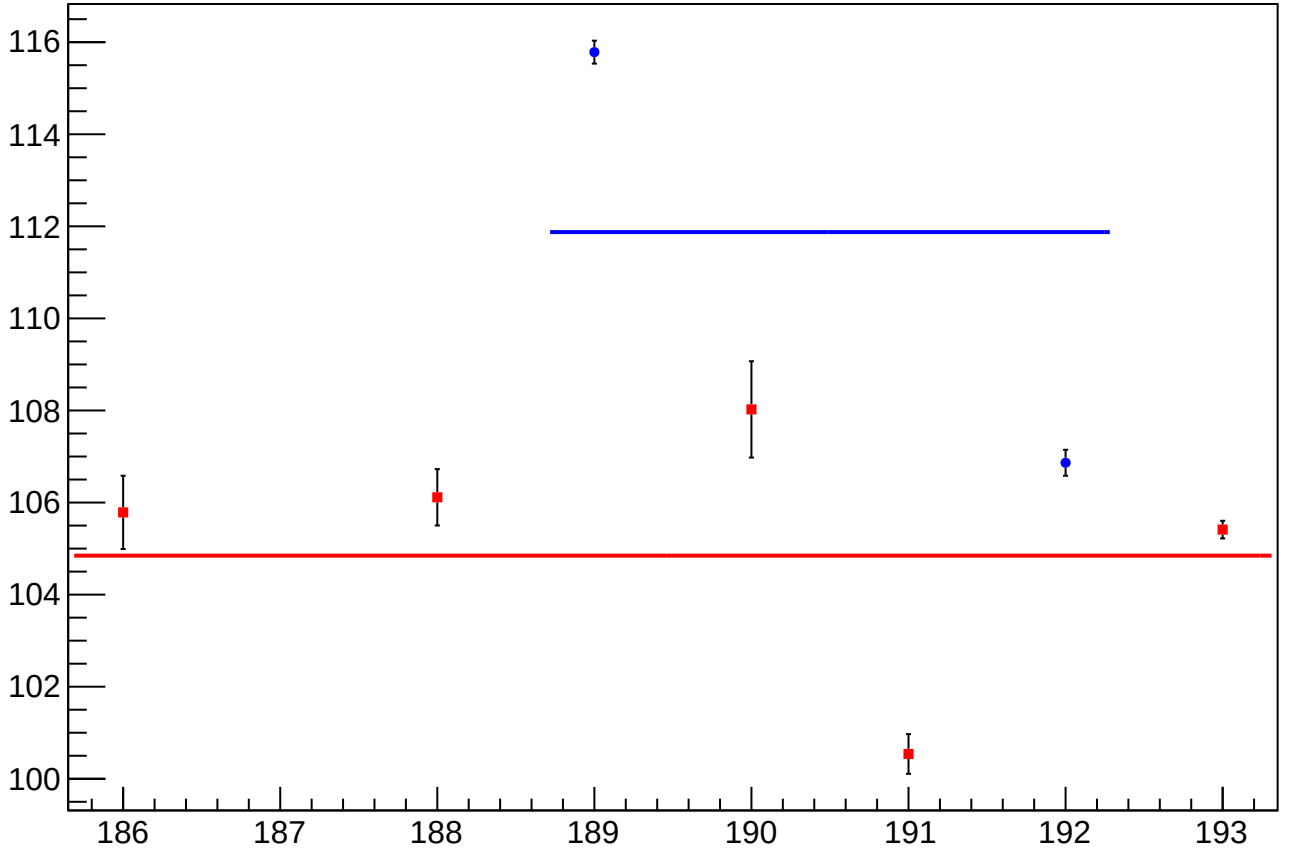
Right: 12.332+/-0.093 χ^2/NDF: 406.8/6

In: 11.298+/-0.111 χ^2/NDF:3.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12.332+/-0.093 χ^2/NDF: 406.8/6

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 111.875+/-0.187 χ^2/NDF: 561.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 104.847+/-0.163 χ^2/NDF: 123.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

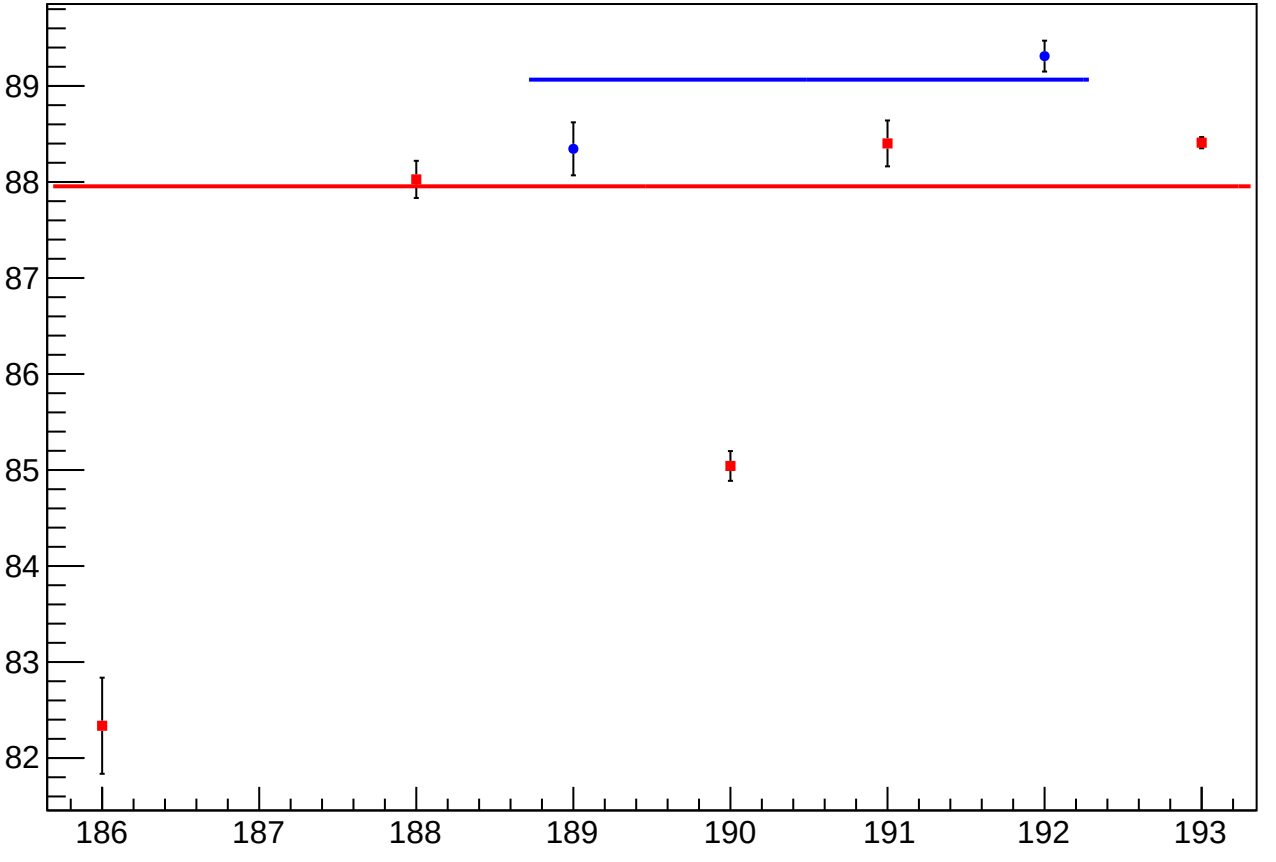
Right: 107.878+/-0.123 χ^2/NDF: 1491.2/6

In: 111.875+/-0.187 χ^2/NDF:561.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 107.878+/-0.123 χ^2/NDF: 1491.2/6

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 89.066+/-0.139 χ^2/NDF: 9.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 87.955+/-0.051 χ^2/NDF: 543.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

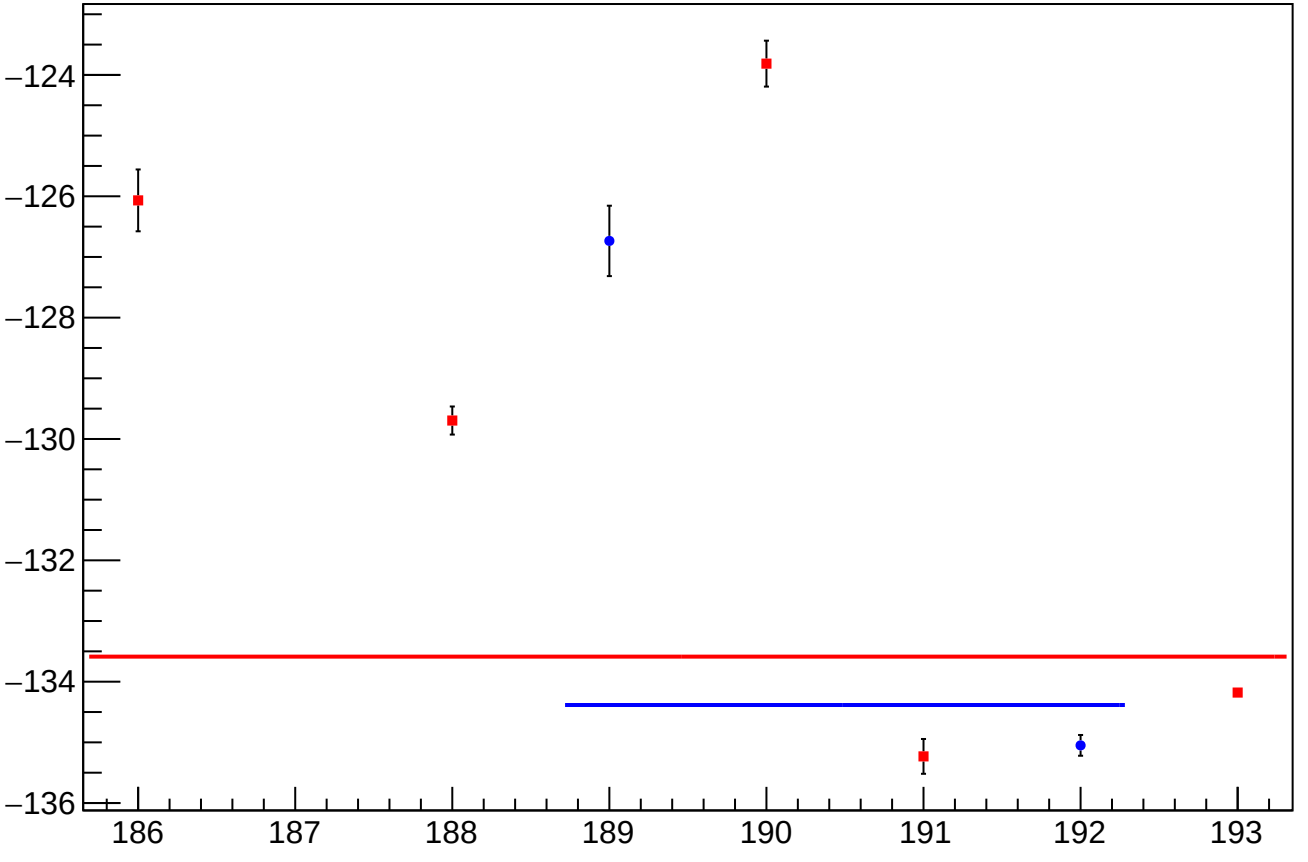
Right: 88.087+/-0.048 χ^2/NDF: 609.2/6

In: 89.066+/-0.139 χ^2/NDF:9.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 88.087+/-0.048 χ^2/NDF: 609.2/6

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -134.384+/-0.164 χ^2/NDF: 189.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -133.587+/-0.058 χ^2/NDF: 1288.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

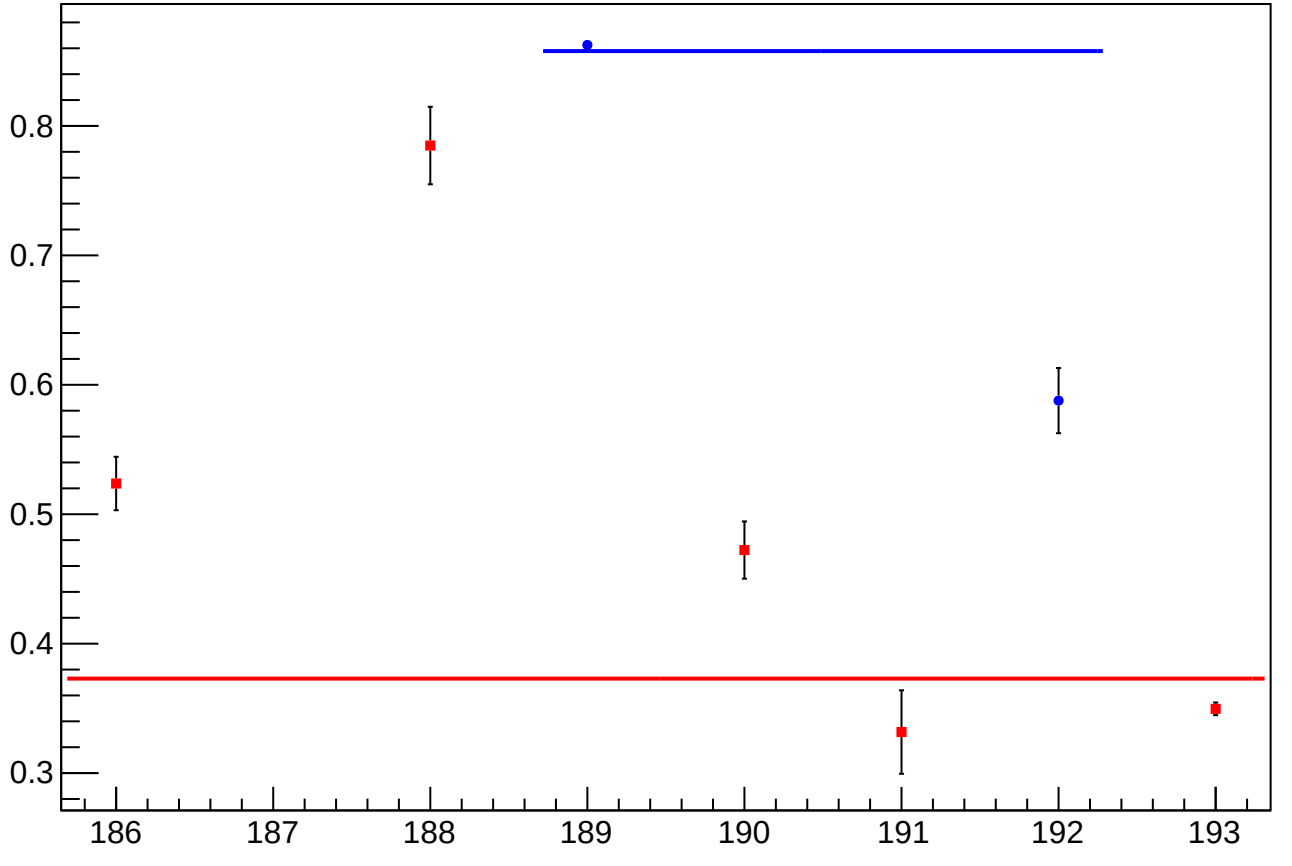
Right: -133.676+/-0.055 χ^2/NDF: 1498.8/6

In: -134.384+/-0.164 χ^2/NDF:189.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -133.676+/-0.055 χ^2/NDF: 1498.8/6

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.858+/-0.003 χ^2/NDF: 116.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.373+/-0.005 χ^2/NDF: 287.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

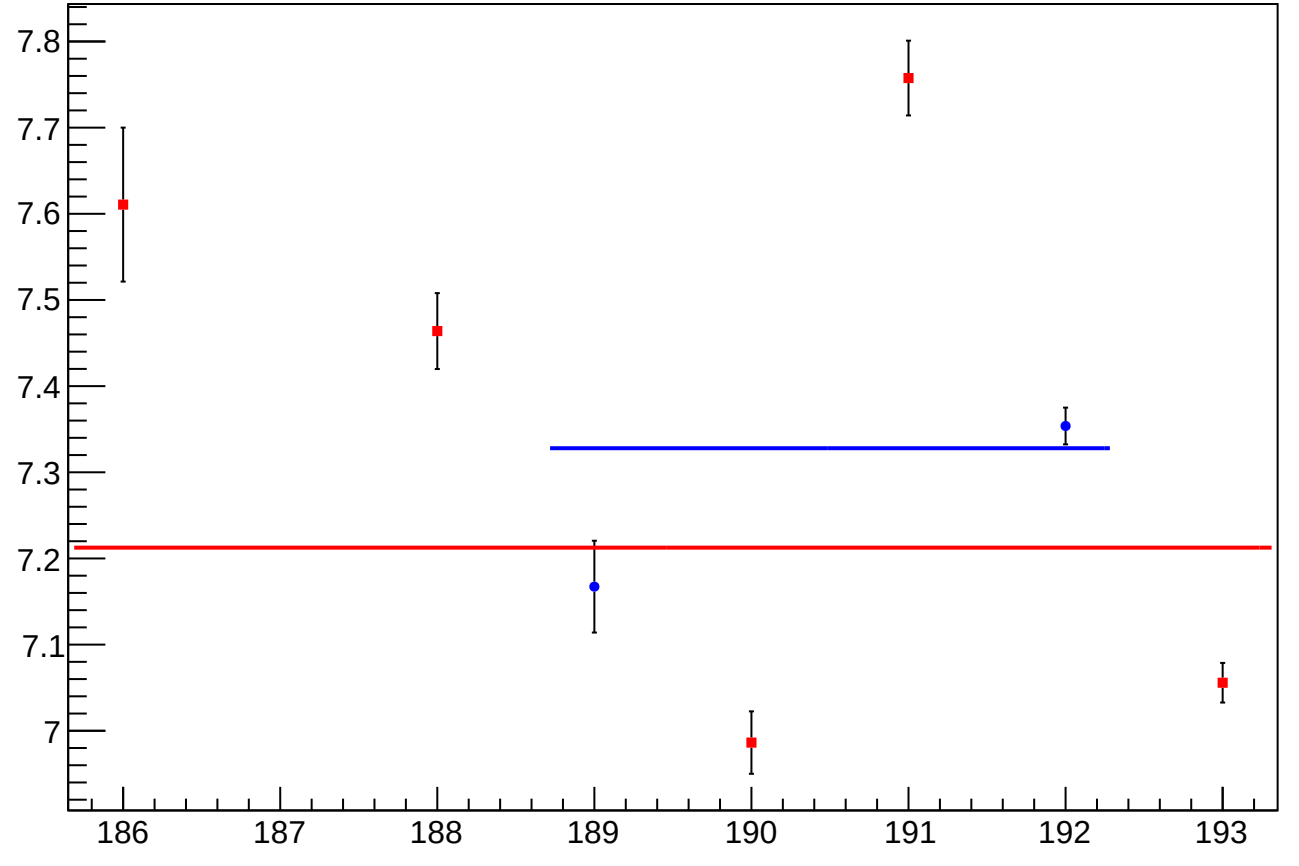
Right: 0.691+/-0.003 χ^2/NDF: 7836.3/6

In: 0.858+/-0.003 χ^2/NDF:116.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.691+/-0.003 χ^2/NDF: 7836.3/6

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.328+/-0.020 χ^2/NDF: 10.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.213+/-0.016 χ^2/NDF: 295.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

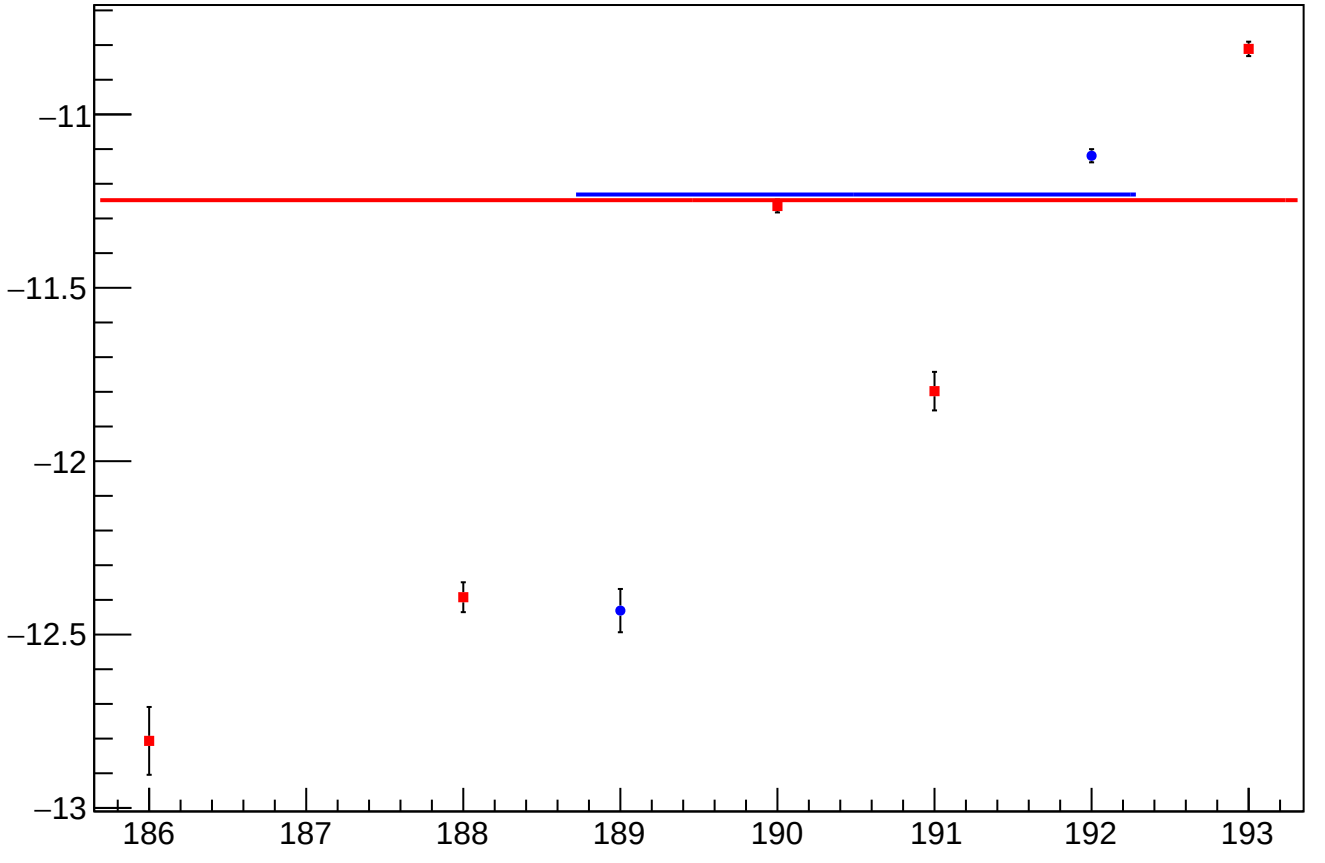
Right: 7.259+/-0.013 χ^2/NDF: 326.6/6

In: 7.328+/-0.020 χ^2/NDF:10.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.259+/-0.013 χ^2/NDF: 326.6/6

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -11.231+/-0.018 χ^2/NDF: 404.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -11.247+/-0.013 χ^2/NDF: 1498.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

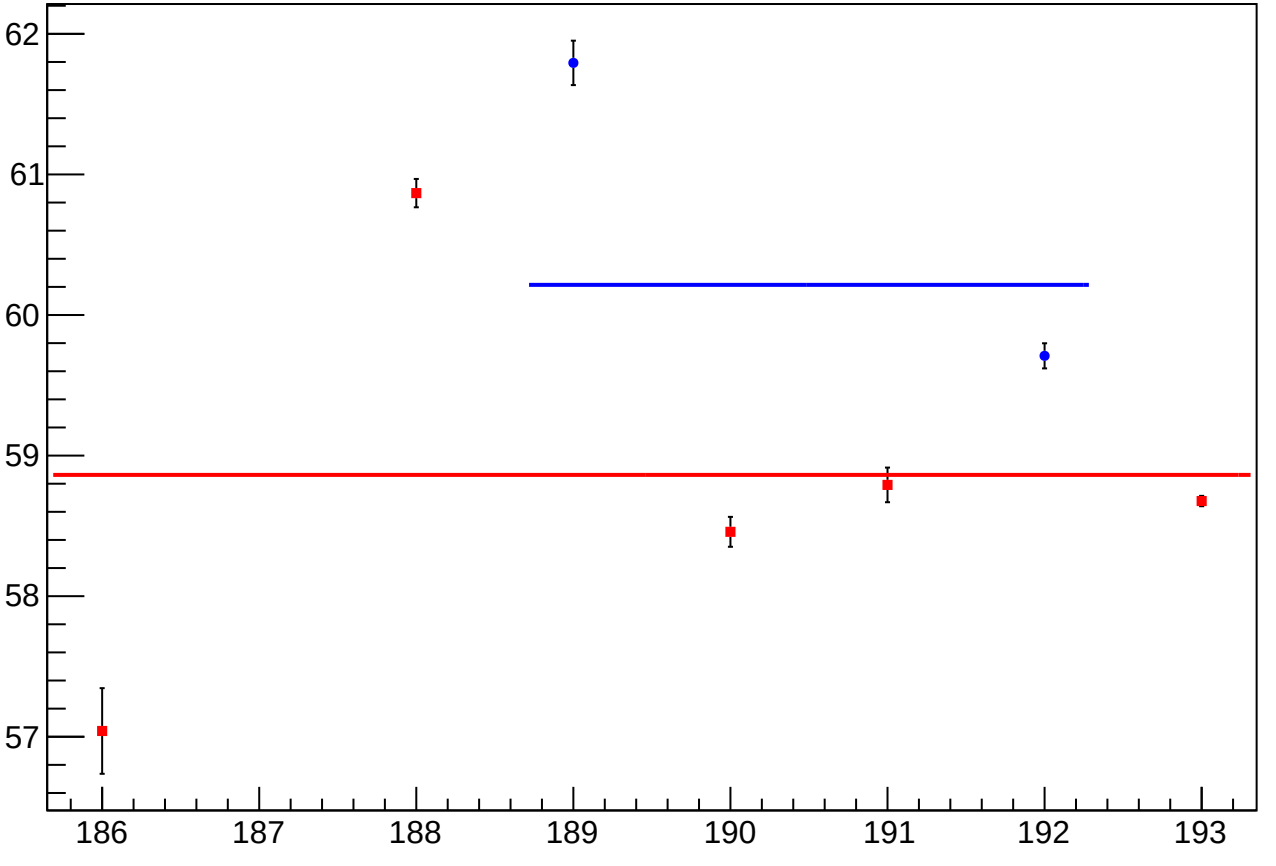
Right: -11.242+/-0.010 χ^2/NDF: 1903.3/6

In: -11.231+/-0.018 χ^2/NDF:404.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.242+/-0.010 χ^2/NDF: 1903.3/6

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 60.215+/-0.078 χ^2/NDF: 131.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 58.863+/-0.032 χ^2/NDF: 471.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

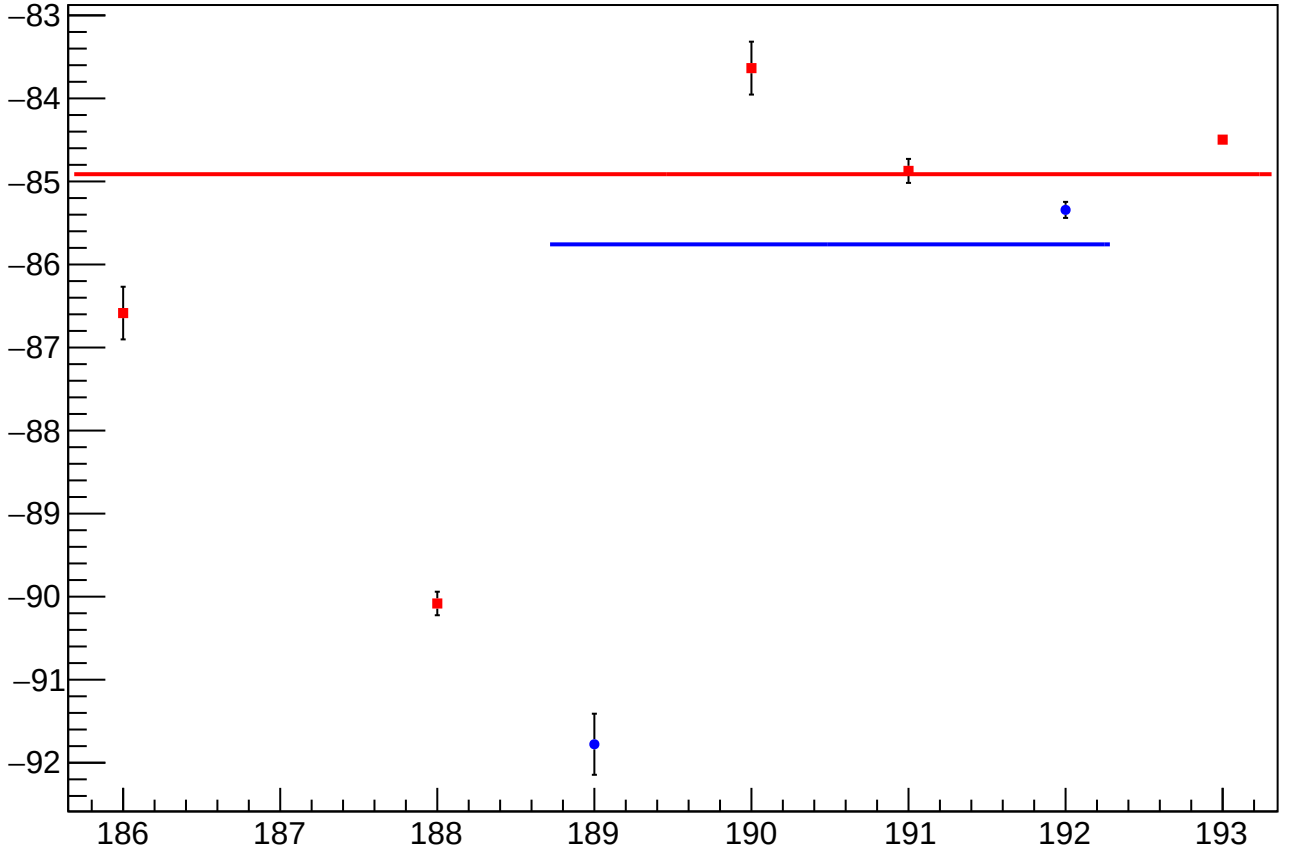
Right: 59.054+/-0.029 χ^2/NDF: 862.3/6

In: 60.215+/-0.078 χ^2/NDF:131.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 59.054+/-0.029 χ^2/NDF: 862.3/6

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -85.758+/-0.093 χ^2/NDF: 286.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -84.913+/-0.037 χ^2/NDF: 1483.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

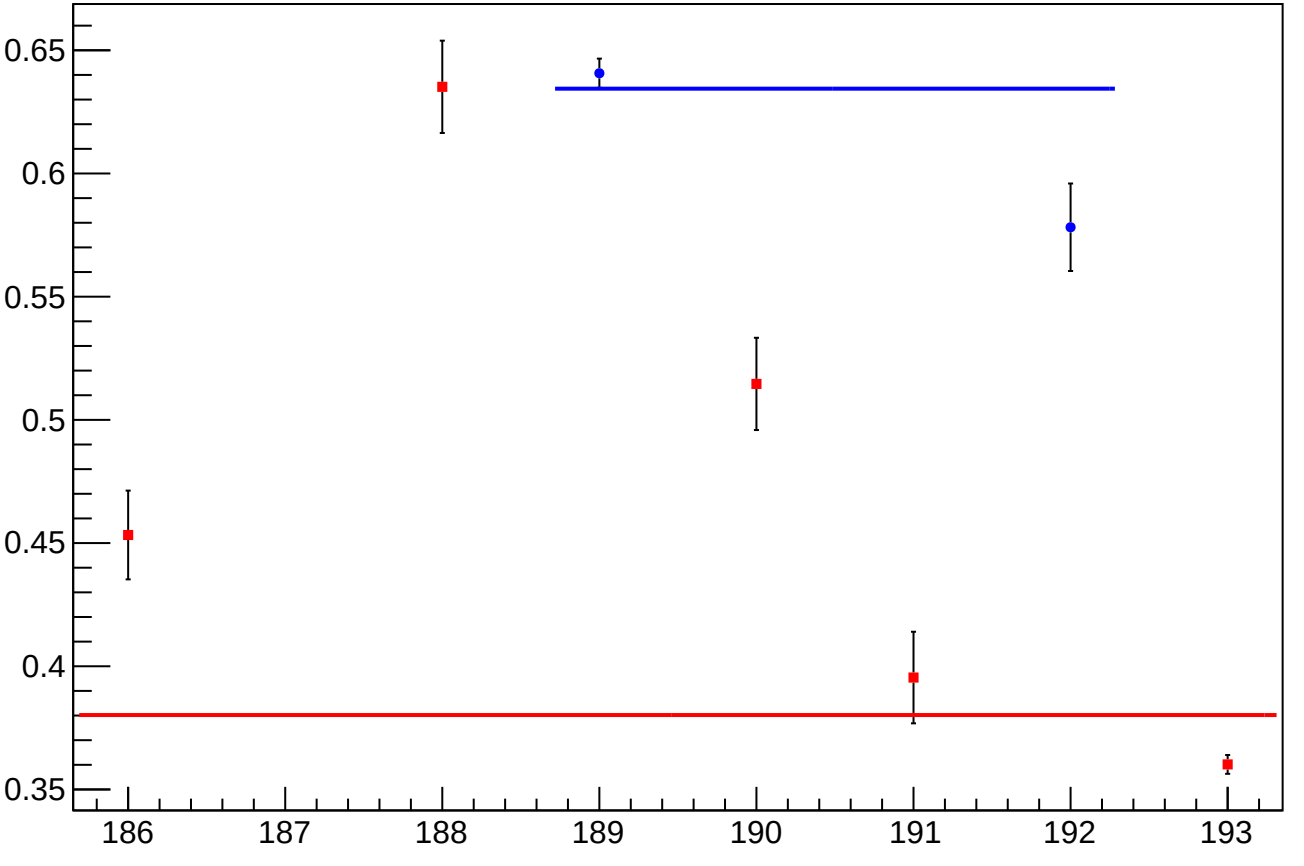
Right: -85.026+/-0.034 χ^2/NDF: 1840.7/6

In: -85.758+/-0.093 χ^2/NDF:286.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -85.026+/-0.034 χ^2/NDF: 1840.7/6

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.634+/-0.006 χ^2/NDF: 11.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.380+/-0.004 χ^2/NDF: 281.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

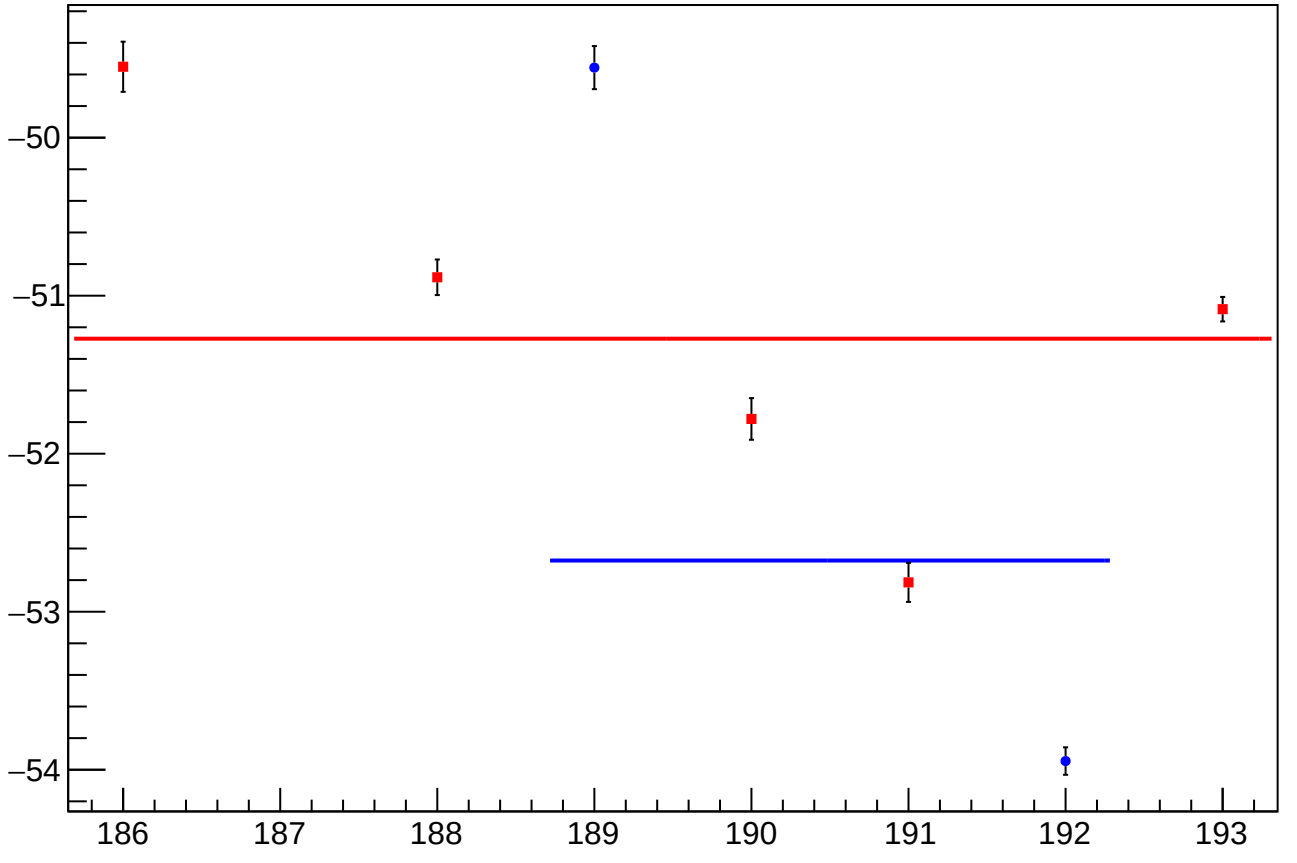
Right: 0.452+/-0.003 χ^2/NDF: 1761.1/6

In: 0.634+/-0.006 χ^2/NDF:11.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.452+/-0.003 χ^2/NDF: 1761.1/6

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.676+/-0.073 χ^2/NDF: 736.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -51.272+/-0.050 χ^2/NDF: 305.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

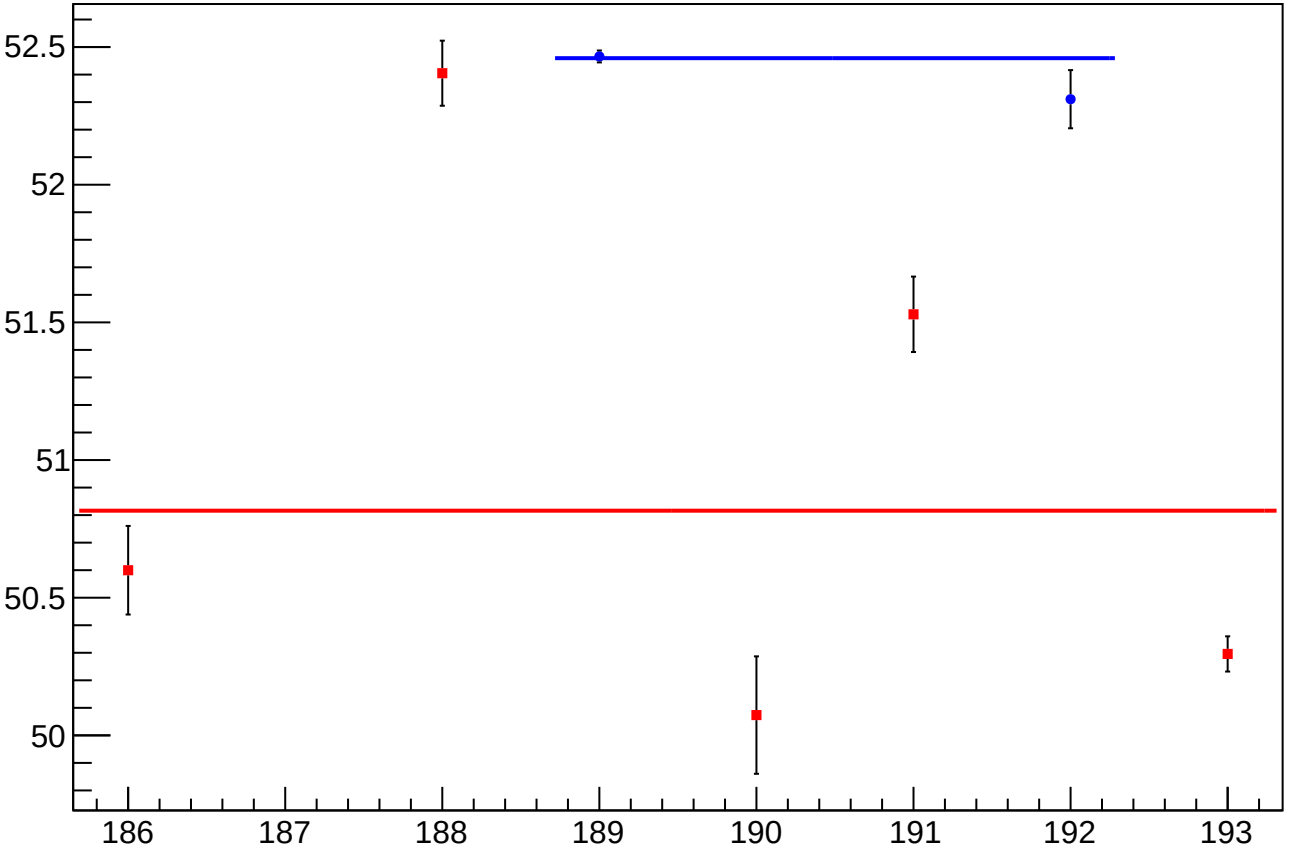
Right: -51.712+/-0.041 χ^2/NDF: 1294.2/6

In: -52.676+/-0.073 χ^2/NDF:736.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -51.712+/-0.041 χ^2/NDF: 1294.2/6

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 52.460+/-0.021 χ^2/NDF: 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.816+/-0.048 χ^2/NDF: 288.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

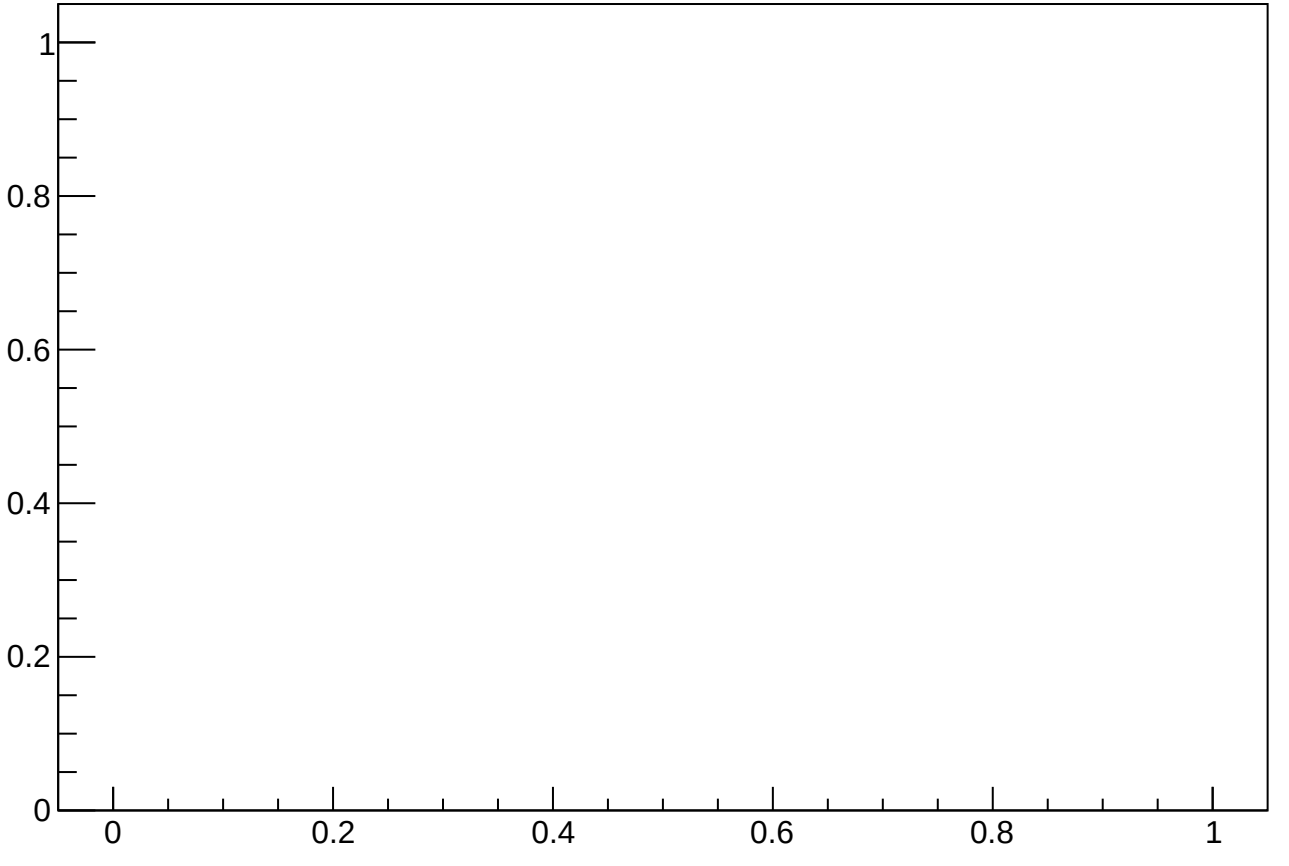
Right: 52.194+/-0.019 χ^2/NDF: 1263.6/6

In: 52.460+/-0.021 χ^2/NDF:2.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 52.194+/-0.019 χ^2/NDF: 1263.6/6

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

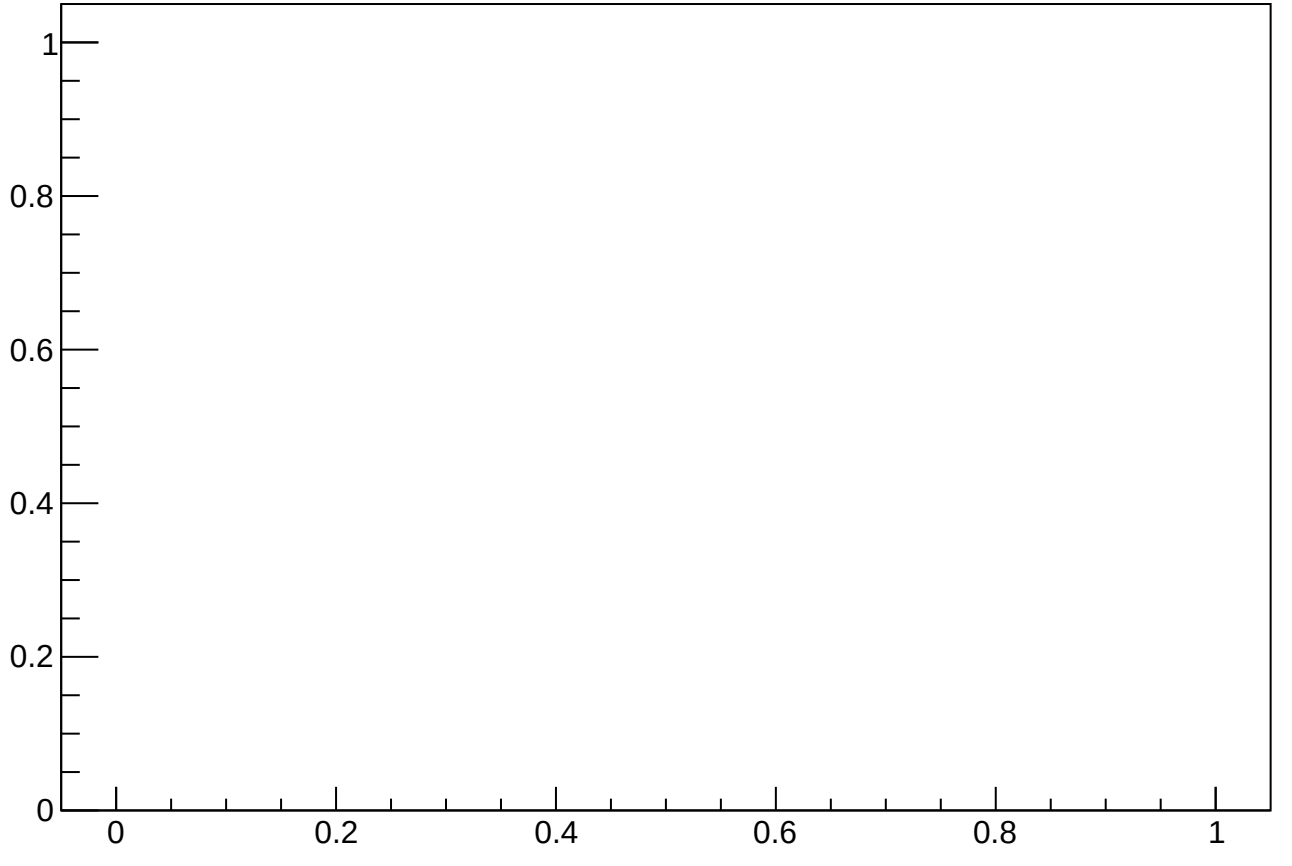
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

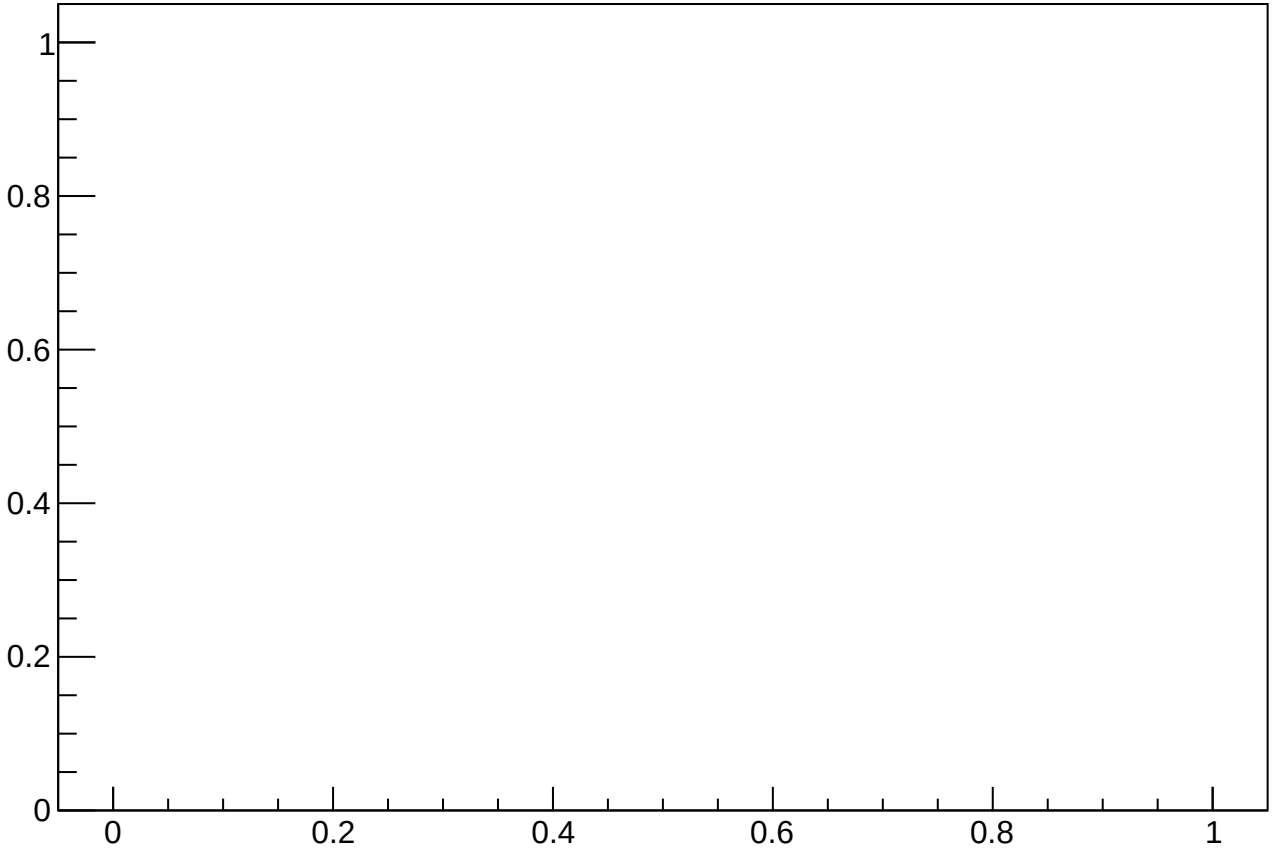
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

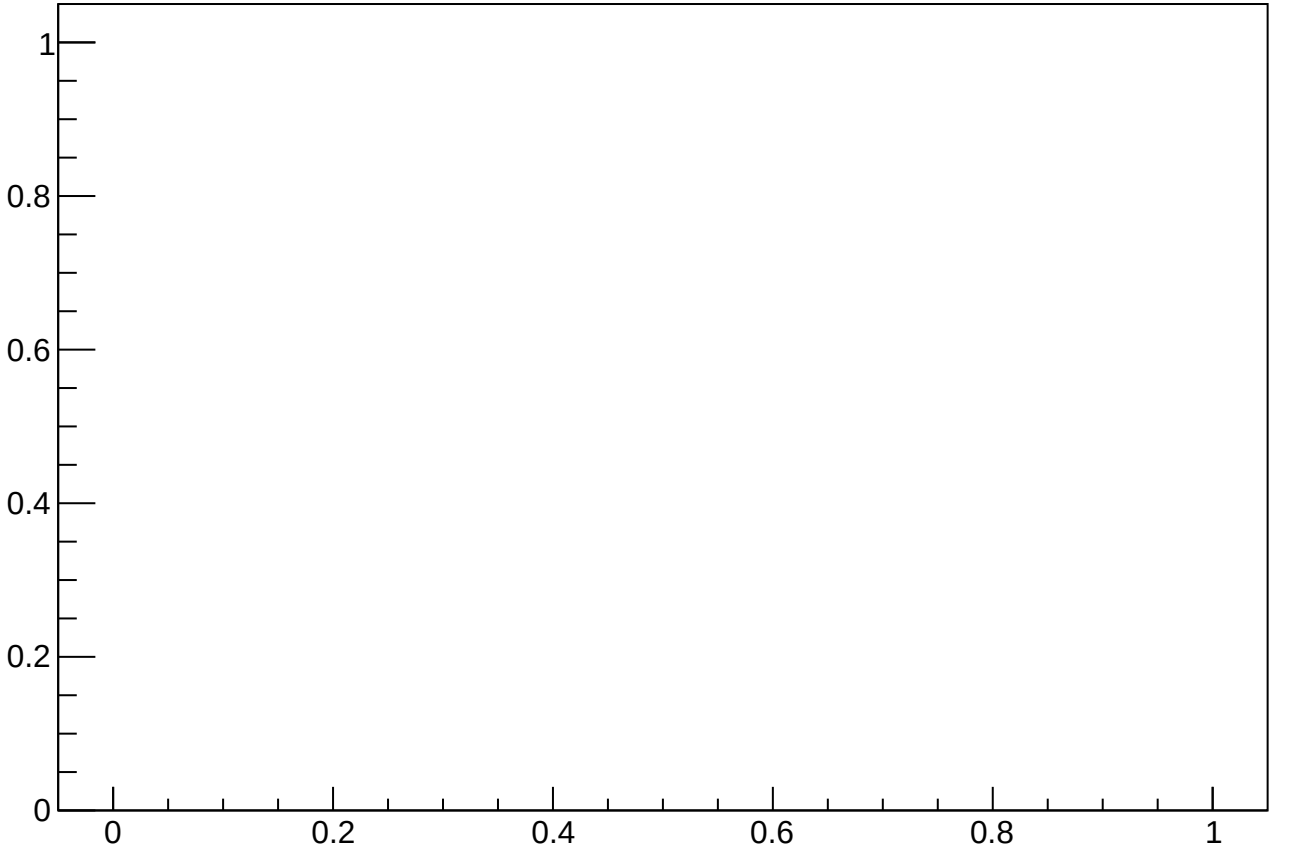
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

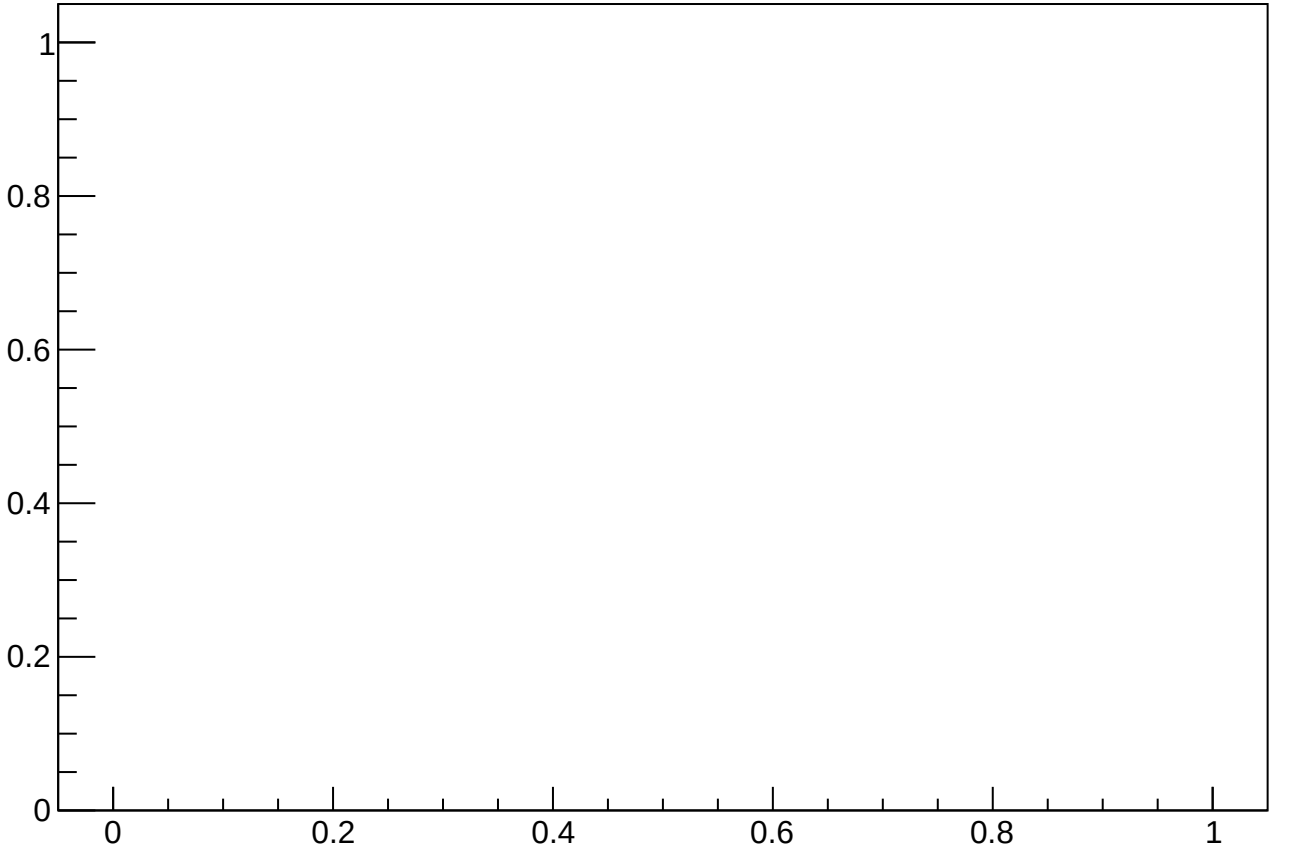
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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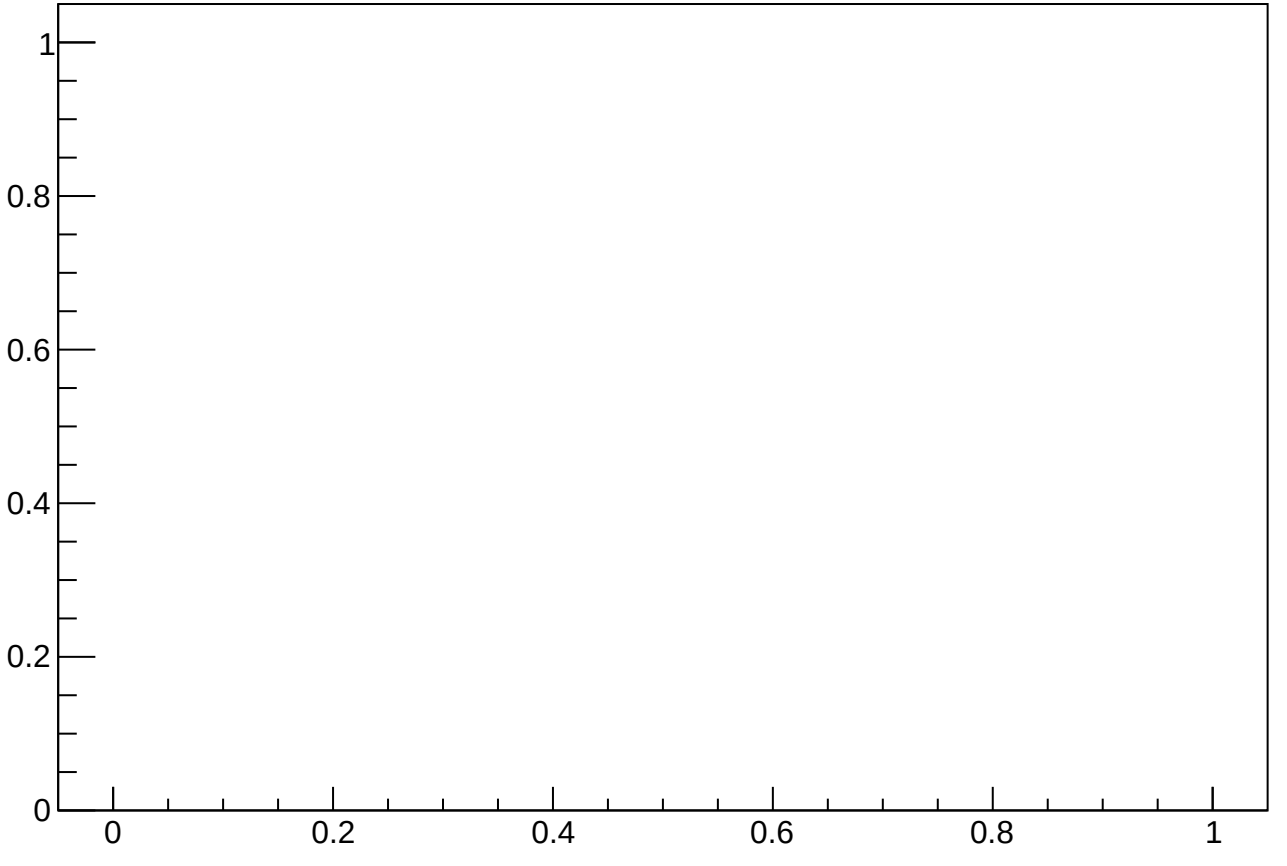
dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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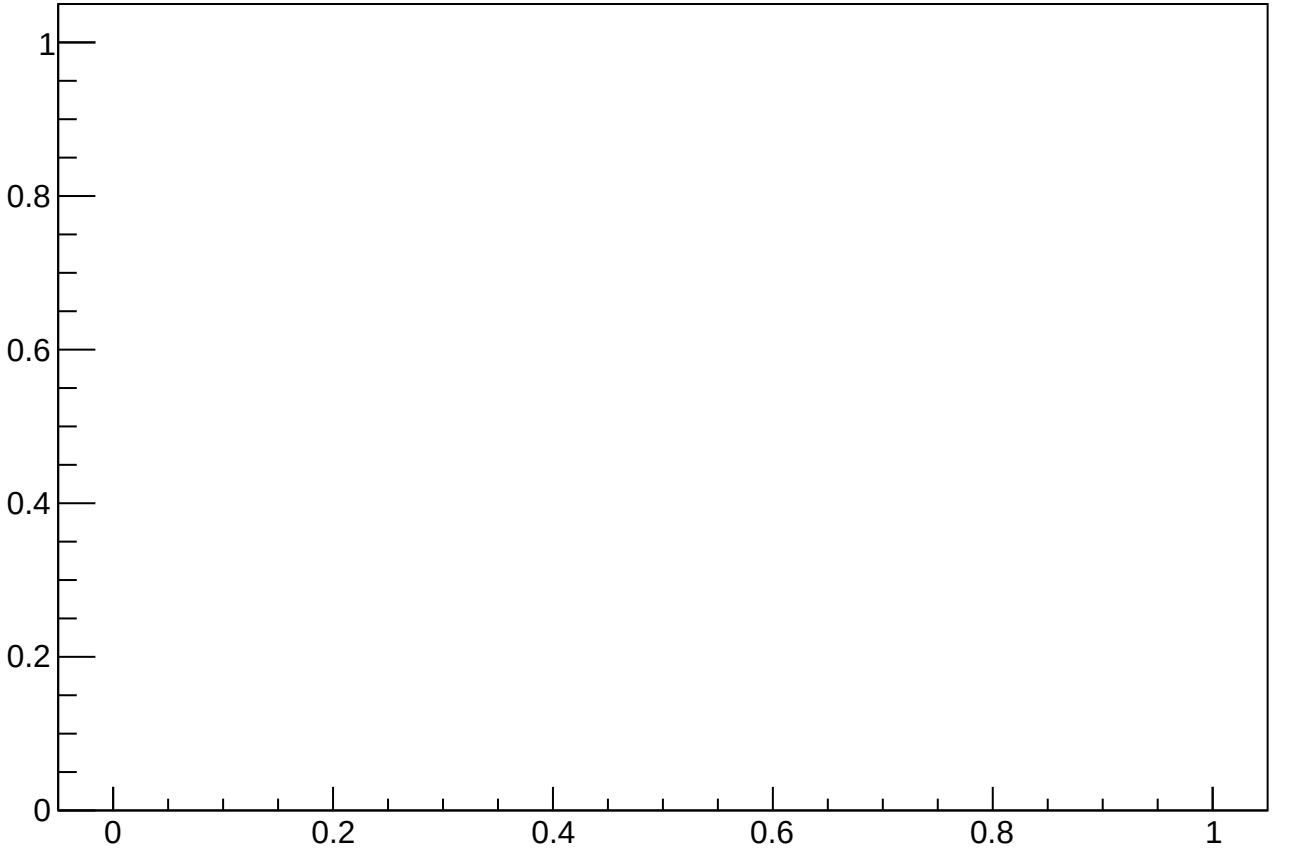
dit_11X12X_coil1_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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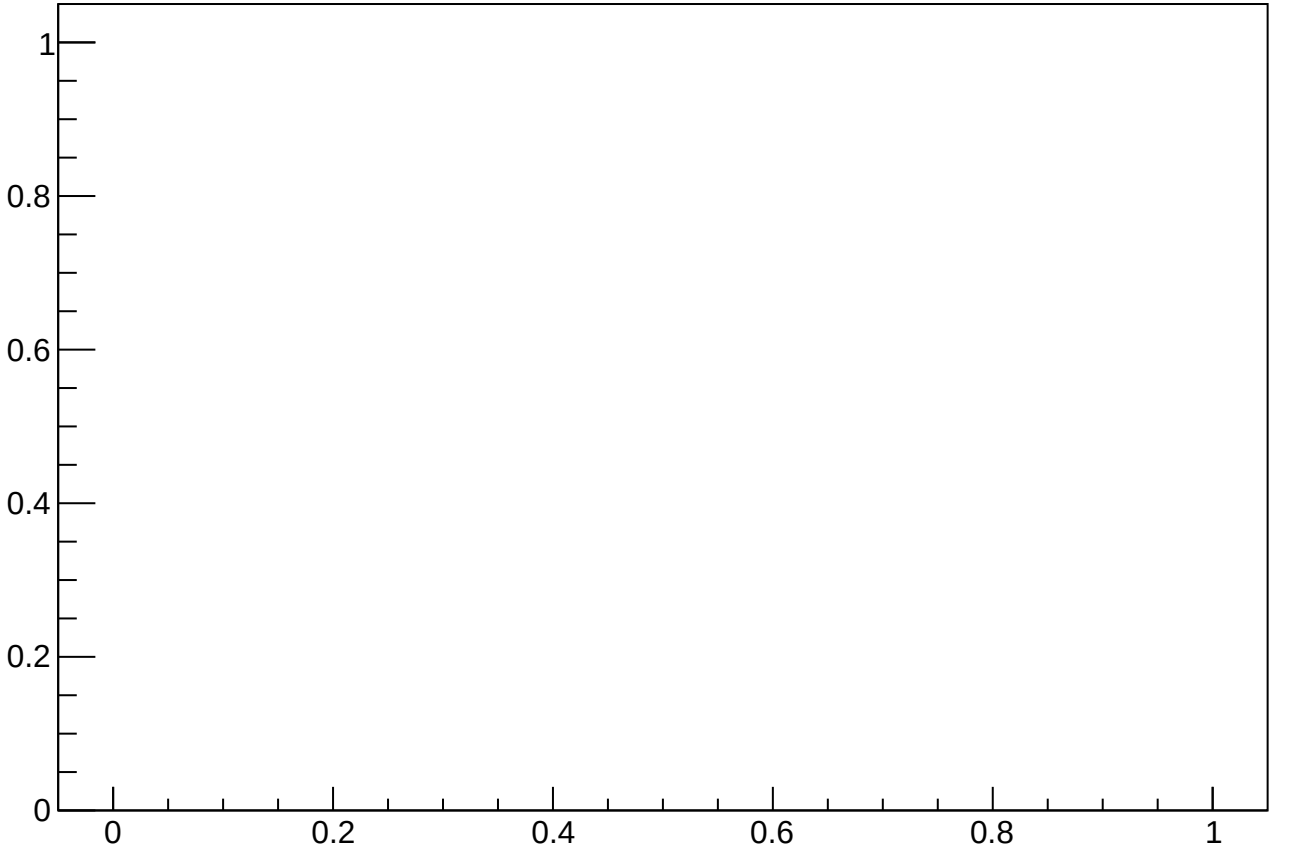
dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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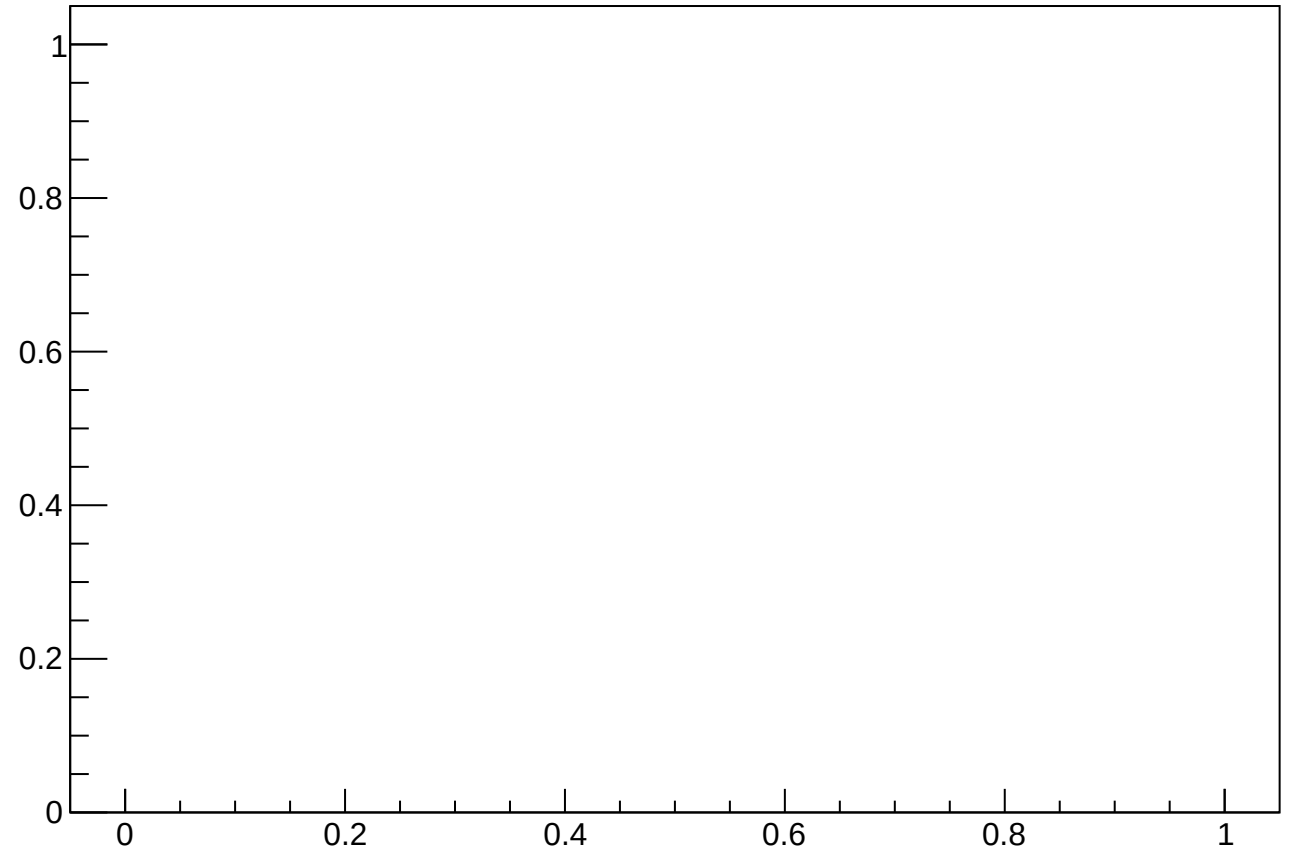

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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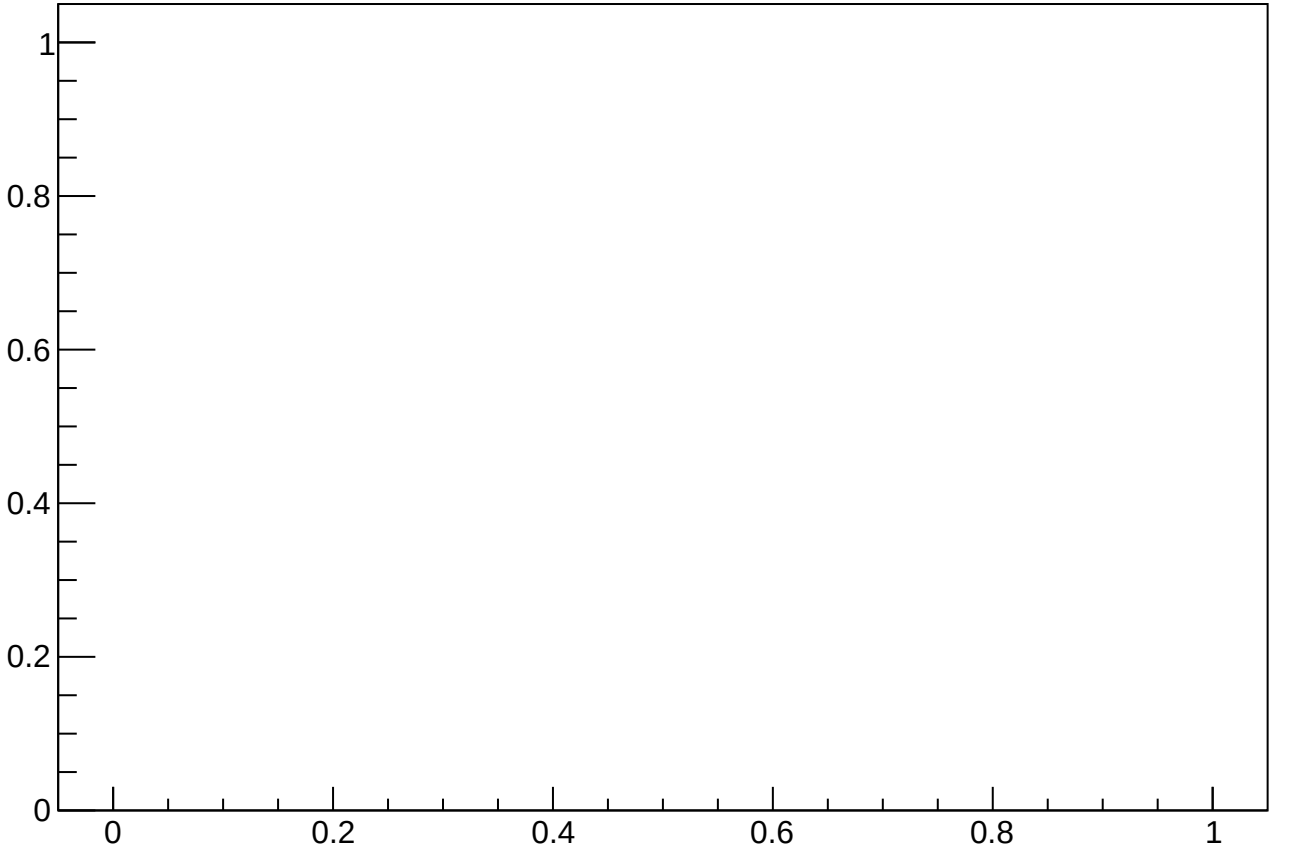
dit_4aY_coil1_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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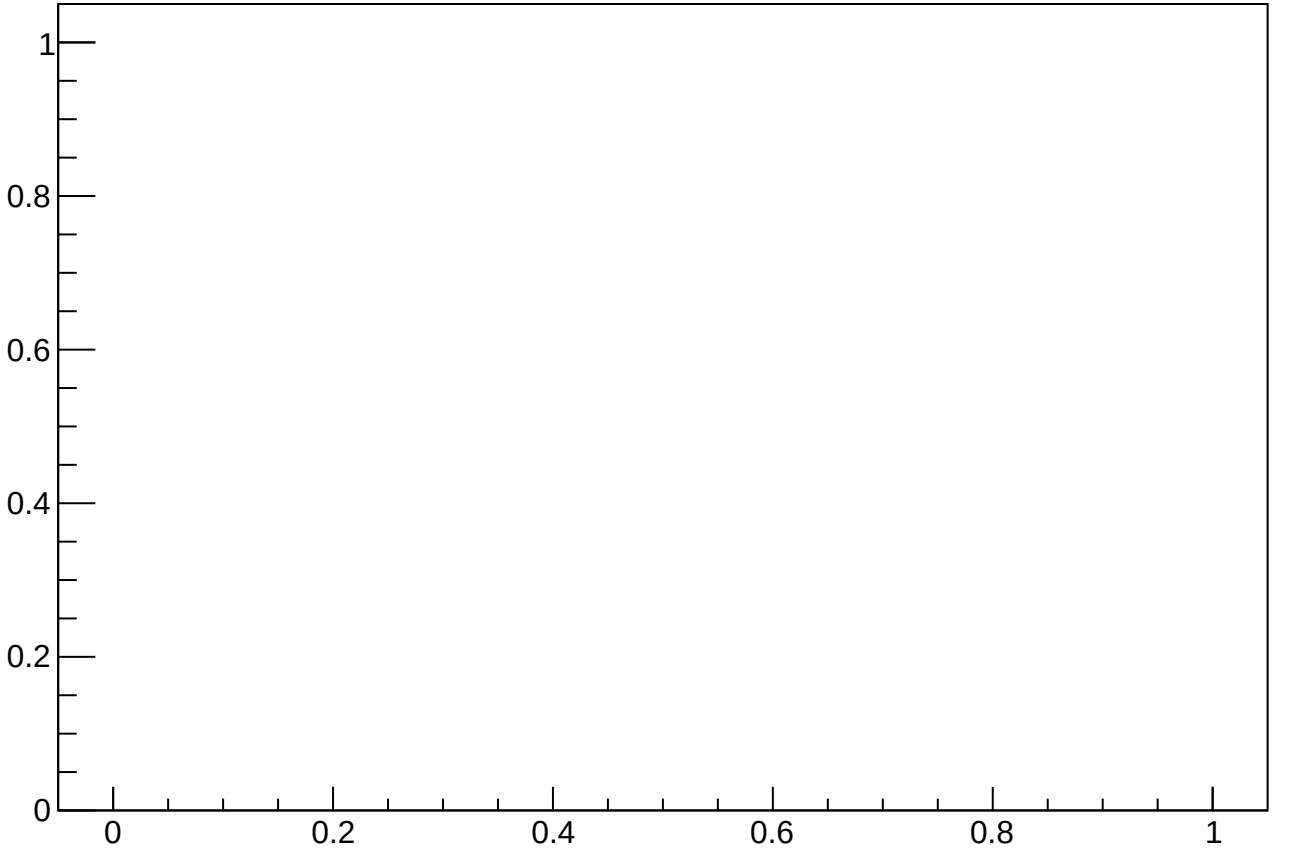
dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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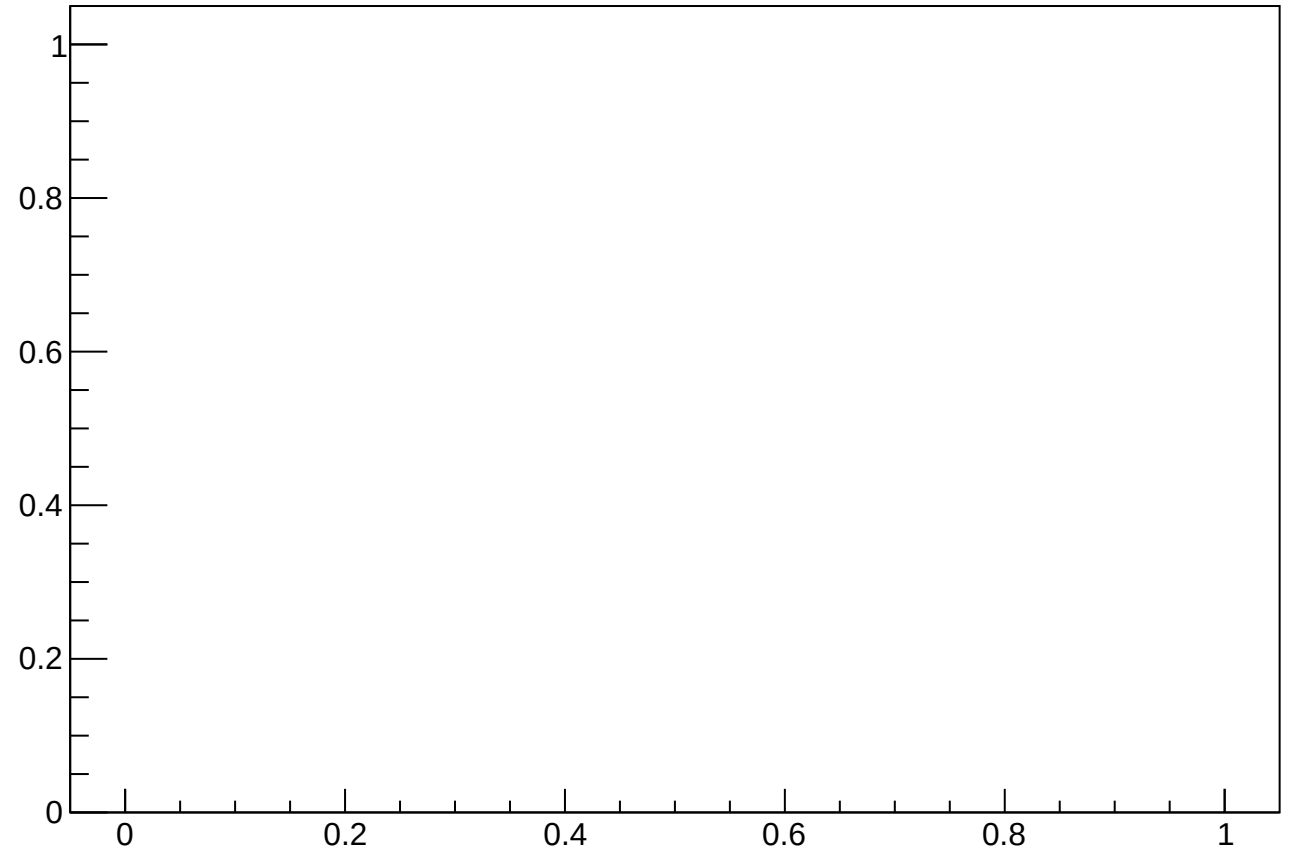

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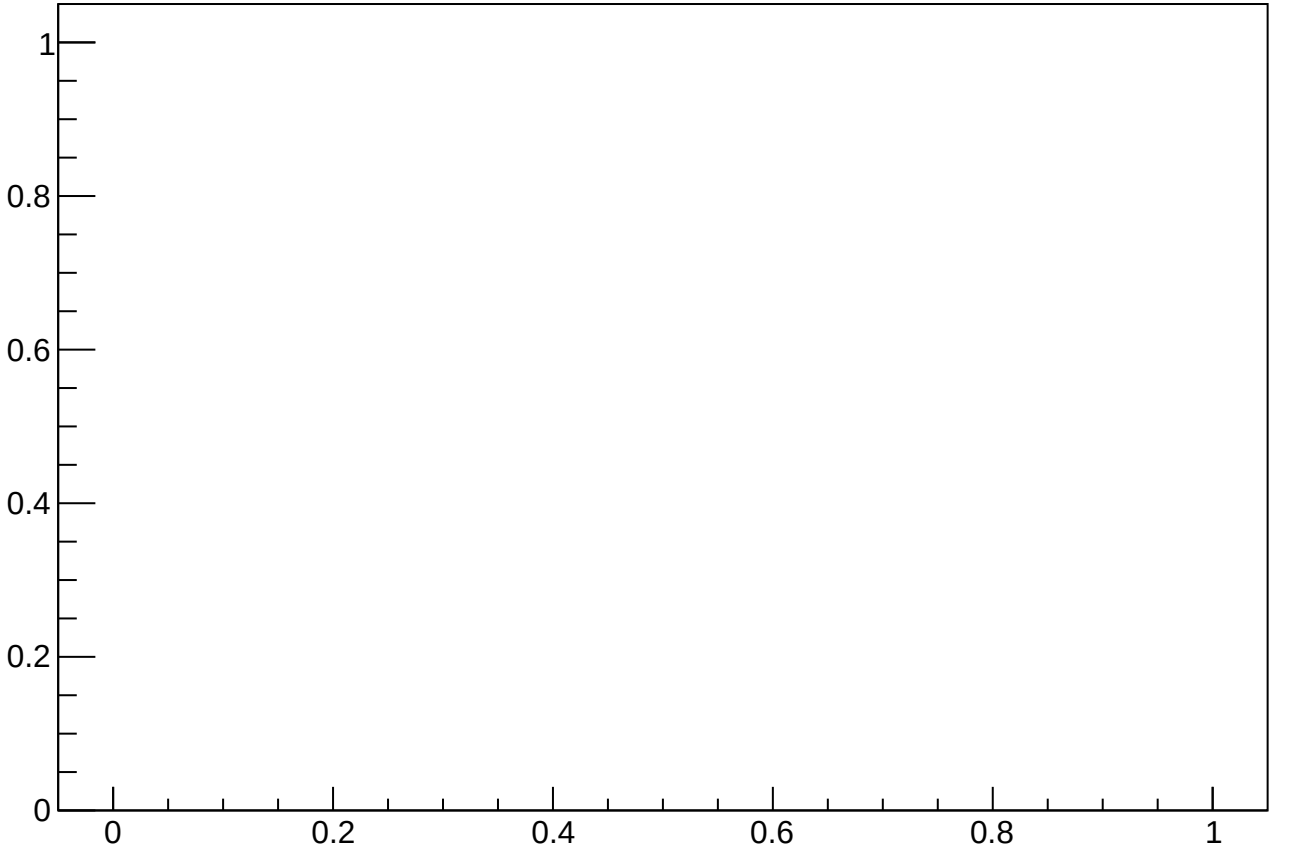
dit_4eY_coil1_mean vs Slug, Sign Corrected



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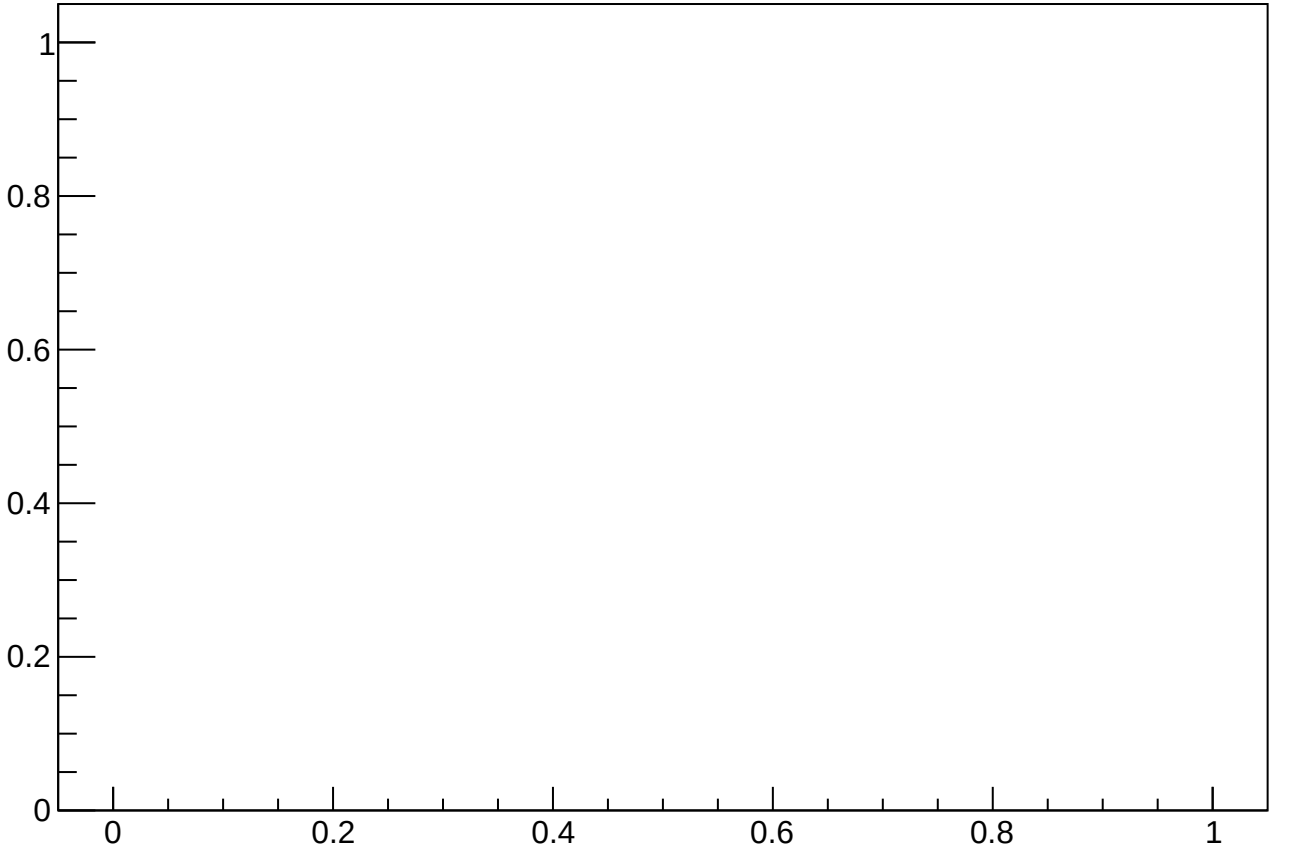
dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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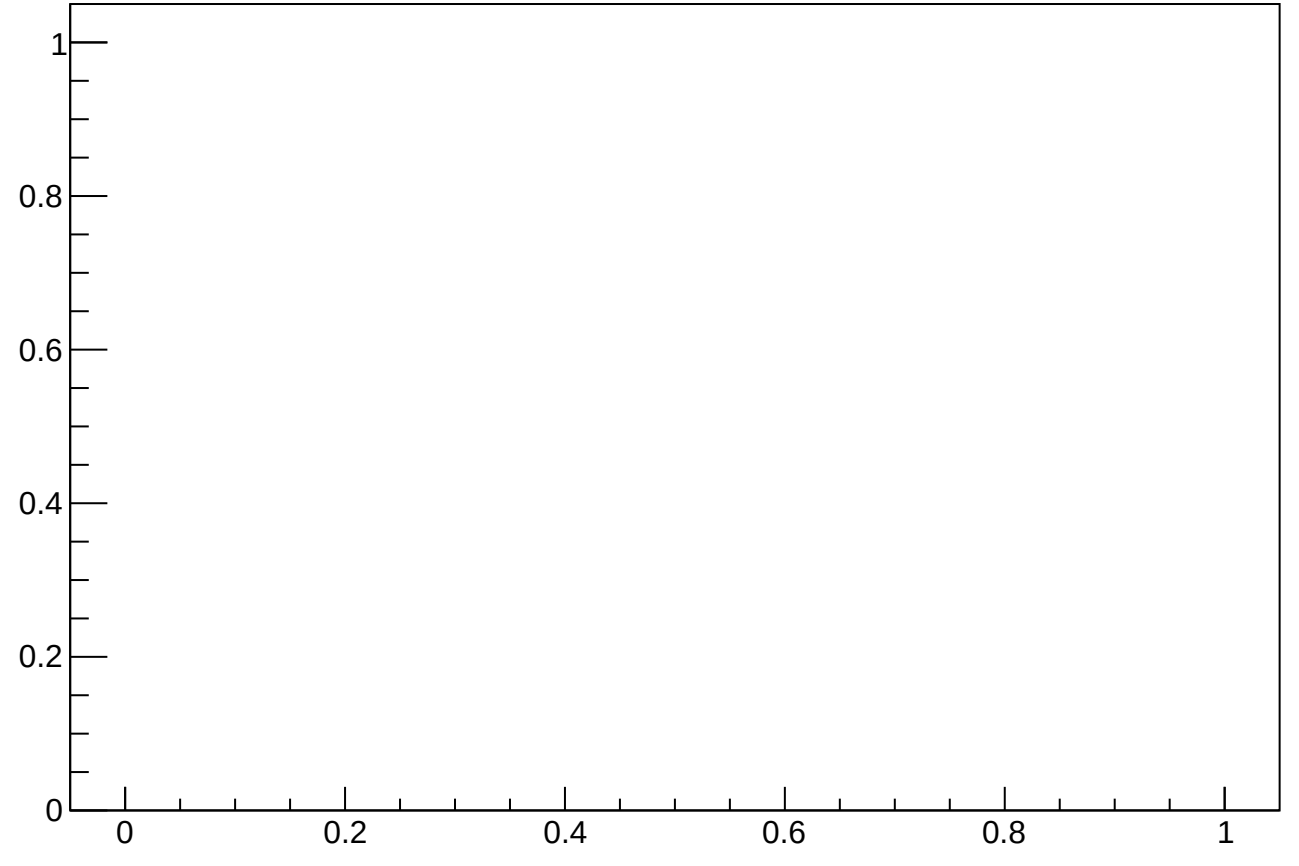

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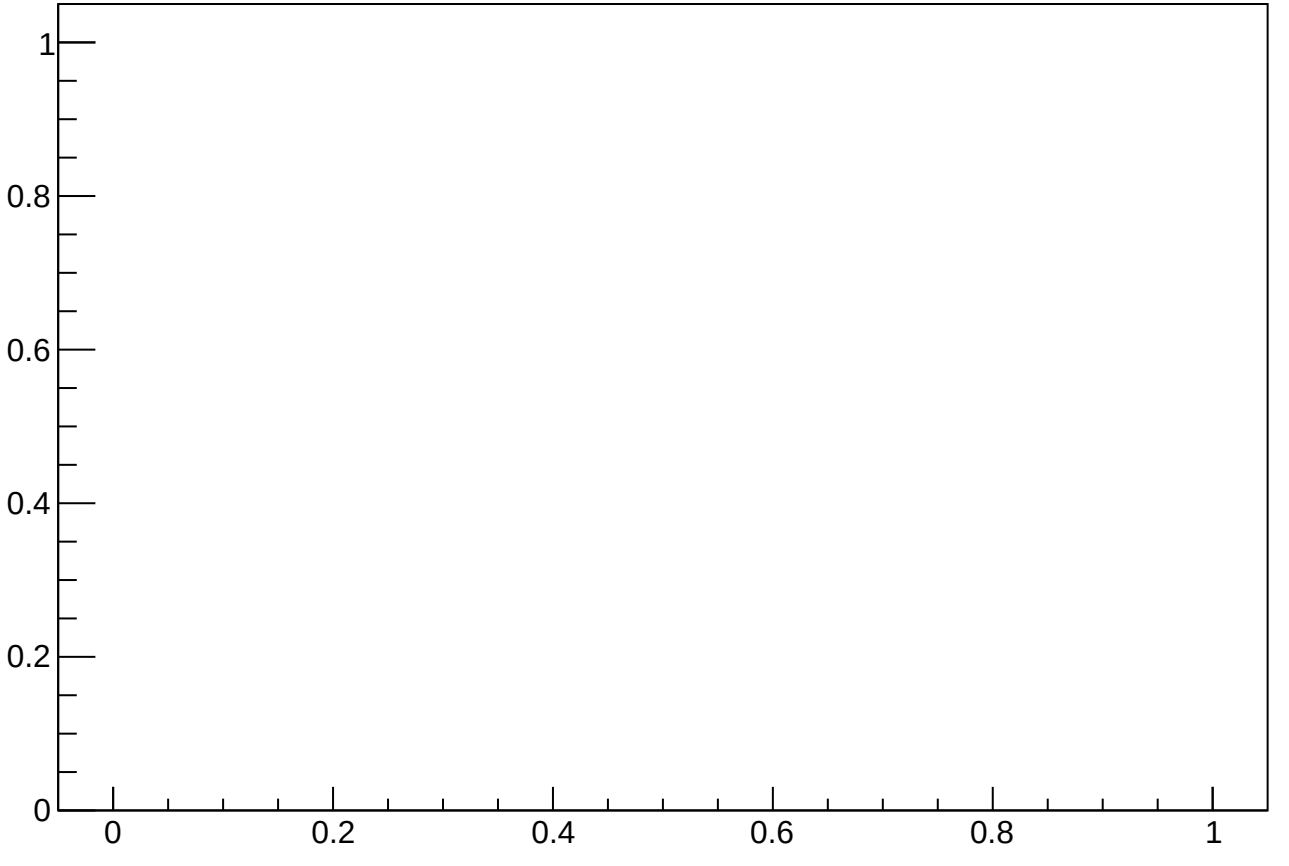
dit_usl_coil1_mean vs Slug, Sign Corrected



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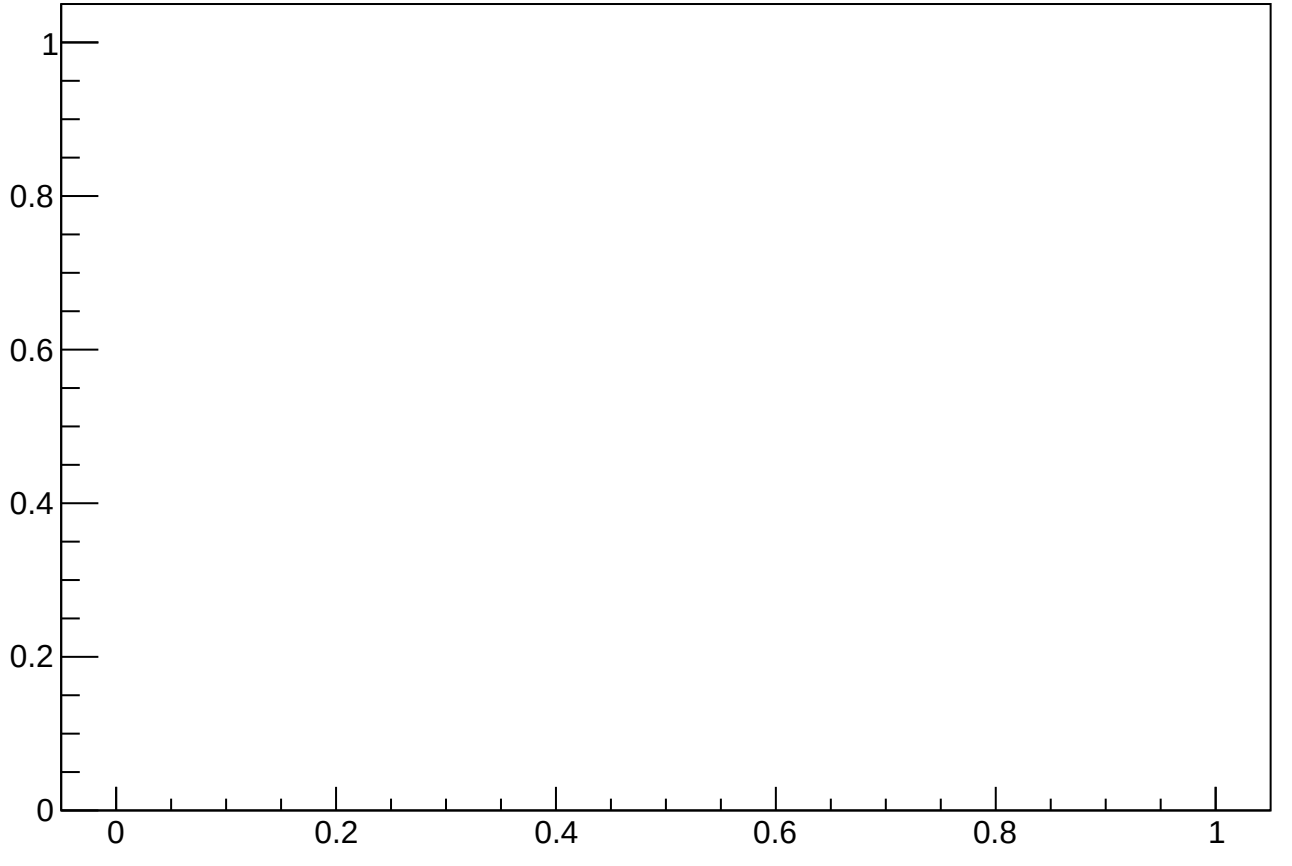
dit_usl_coil1_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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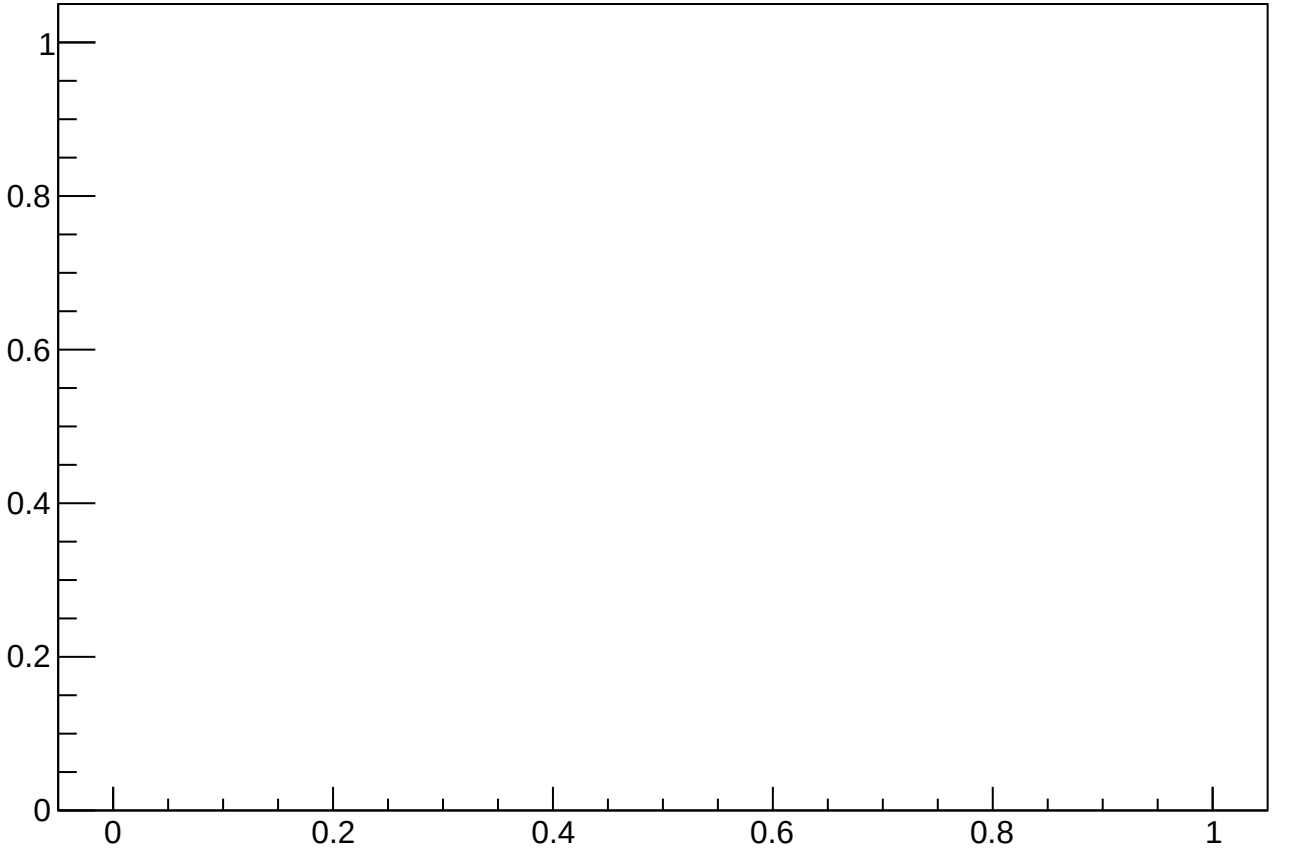
dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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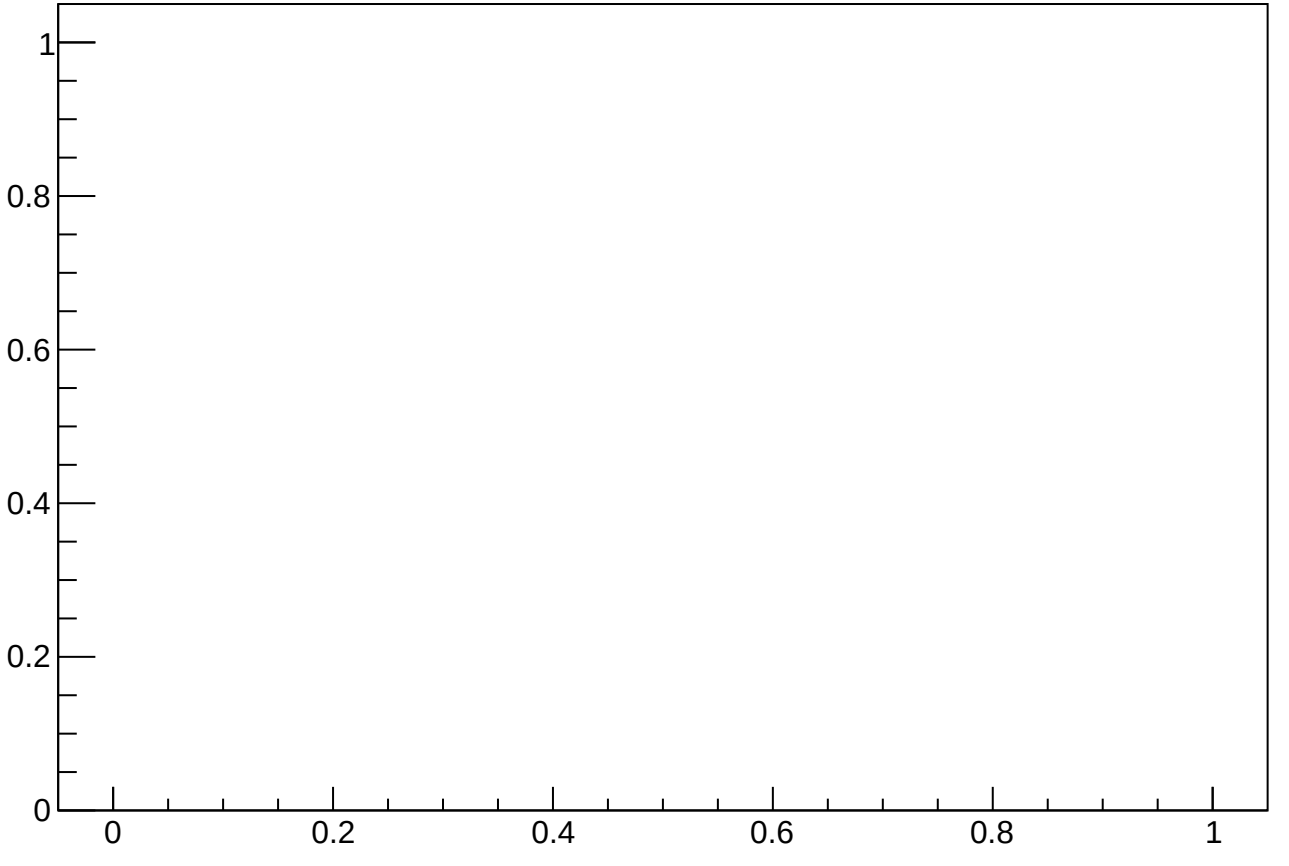
dit_usr_coil1_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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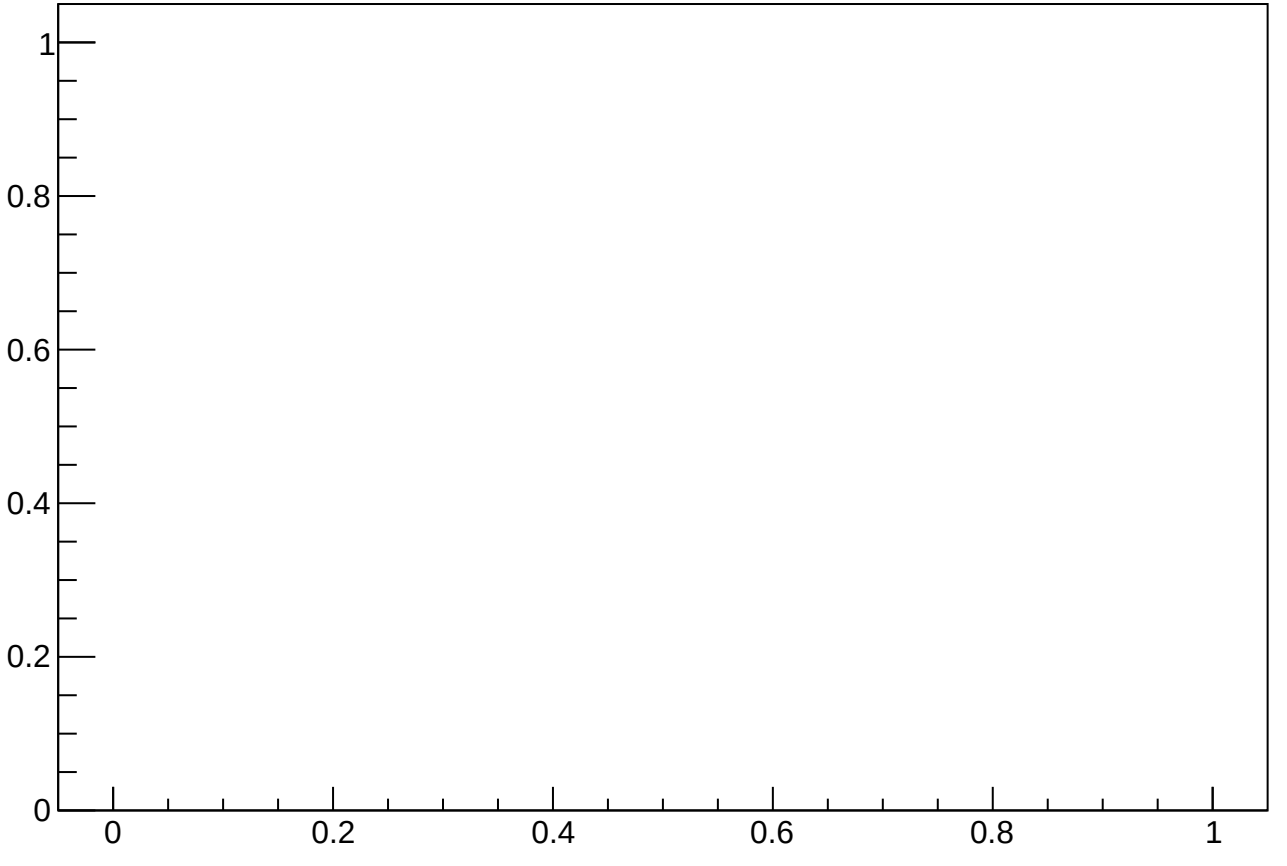
dit_usr_coil1_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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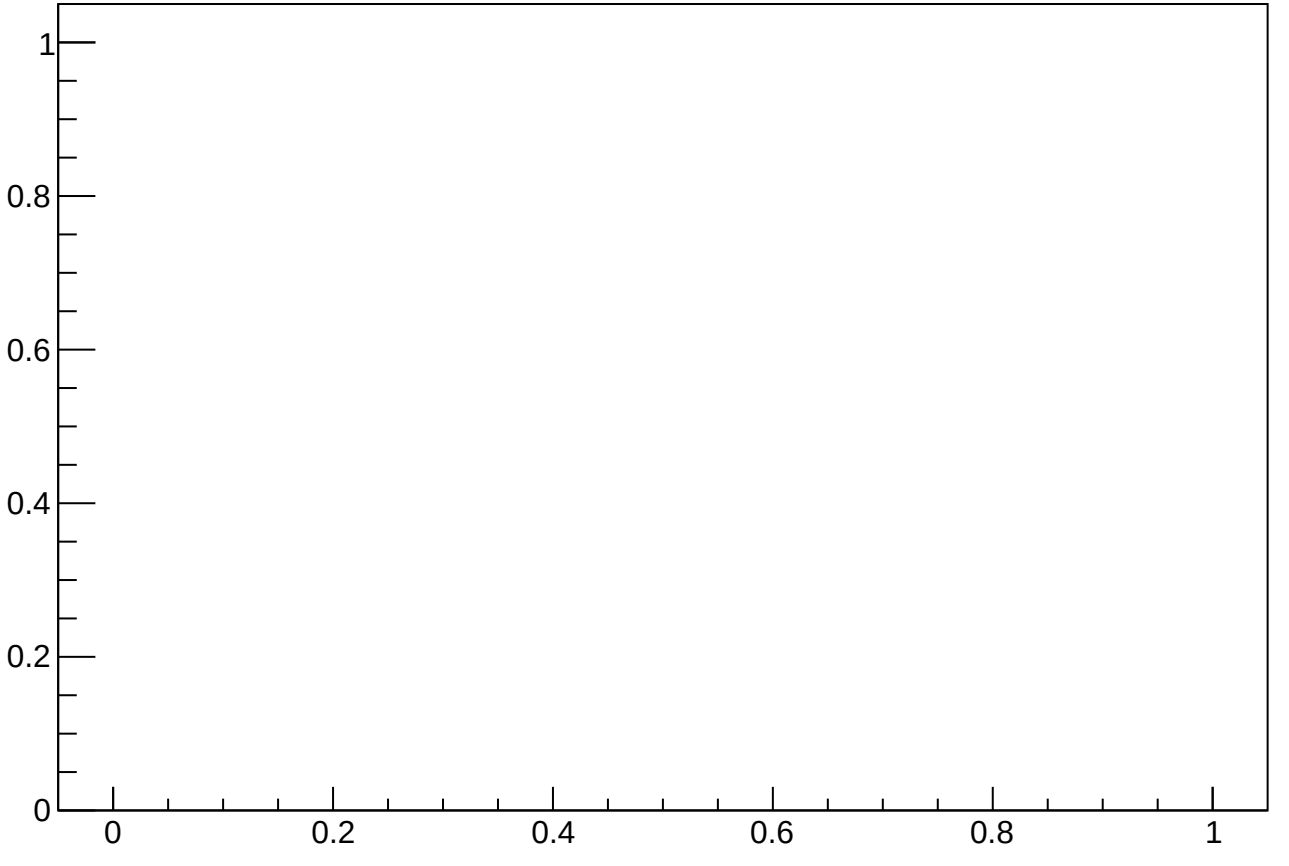
dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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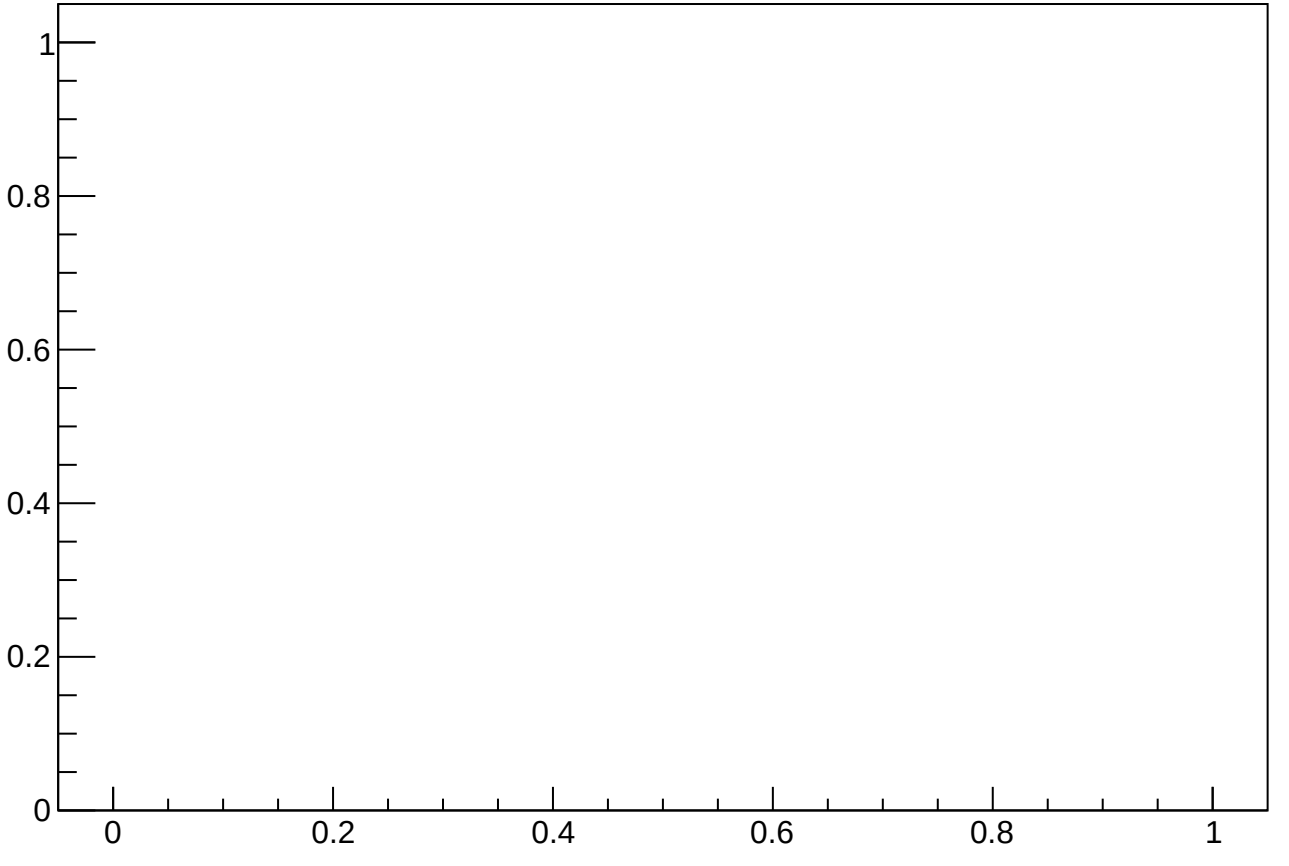
dit_atl1_coil1_mean vs Slug, Sign Corrected



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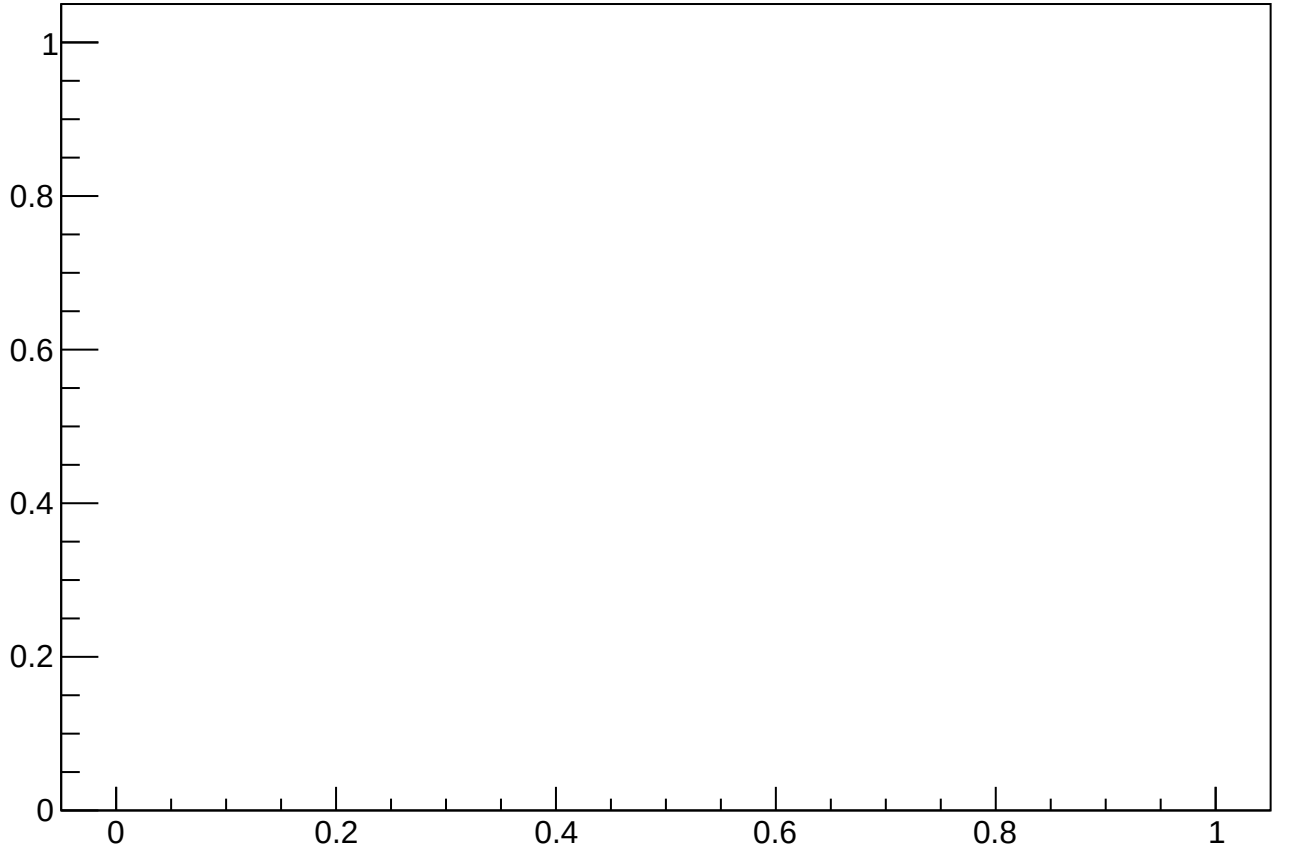
dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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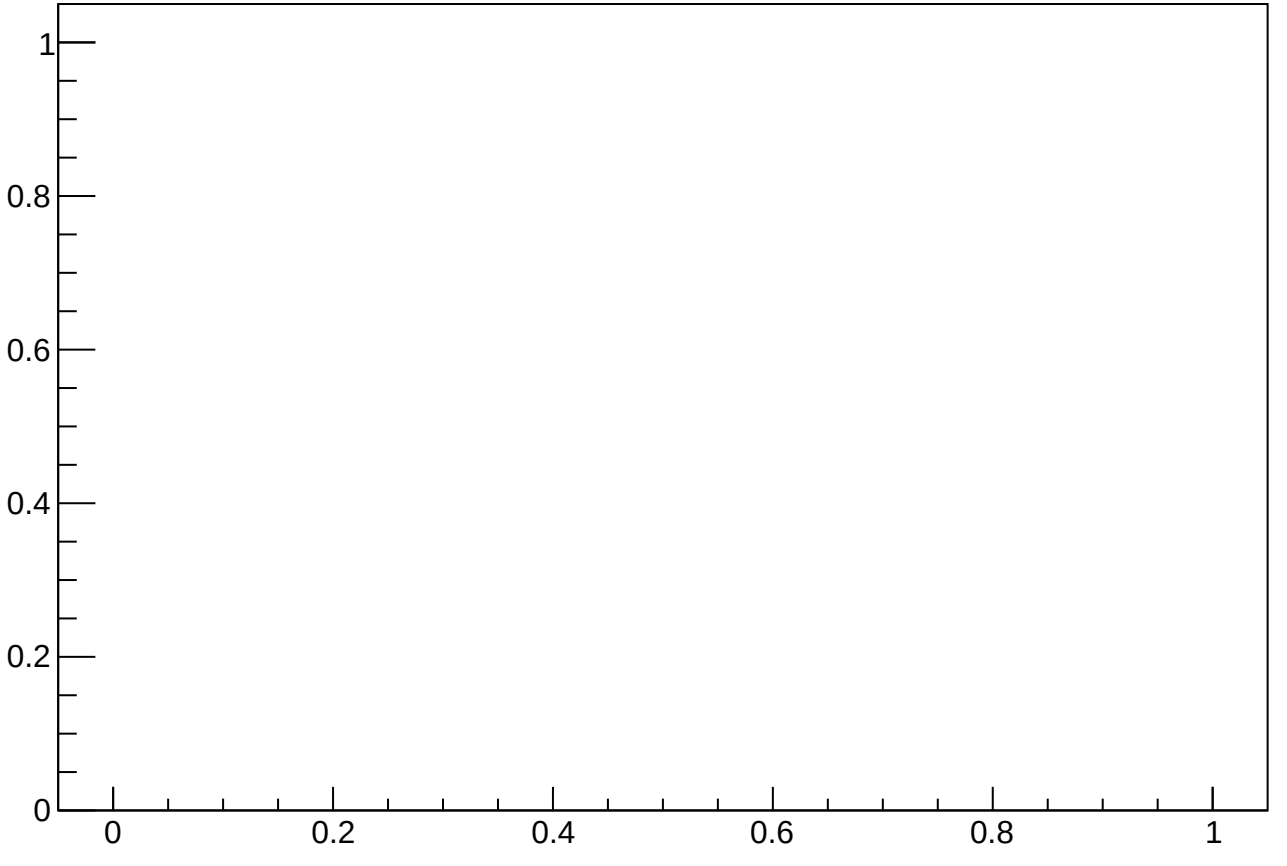
dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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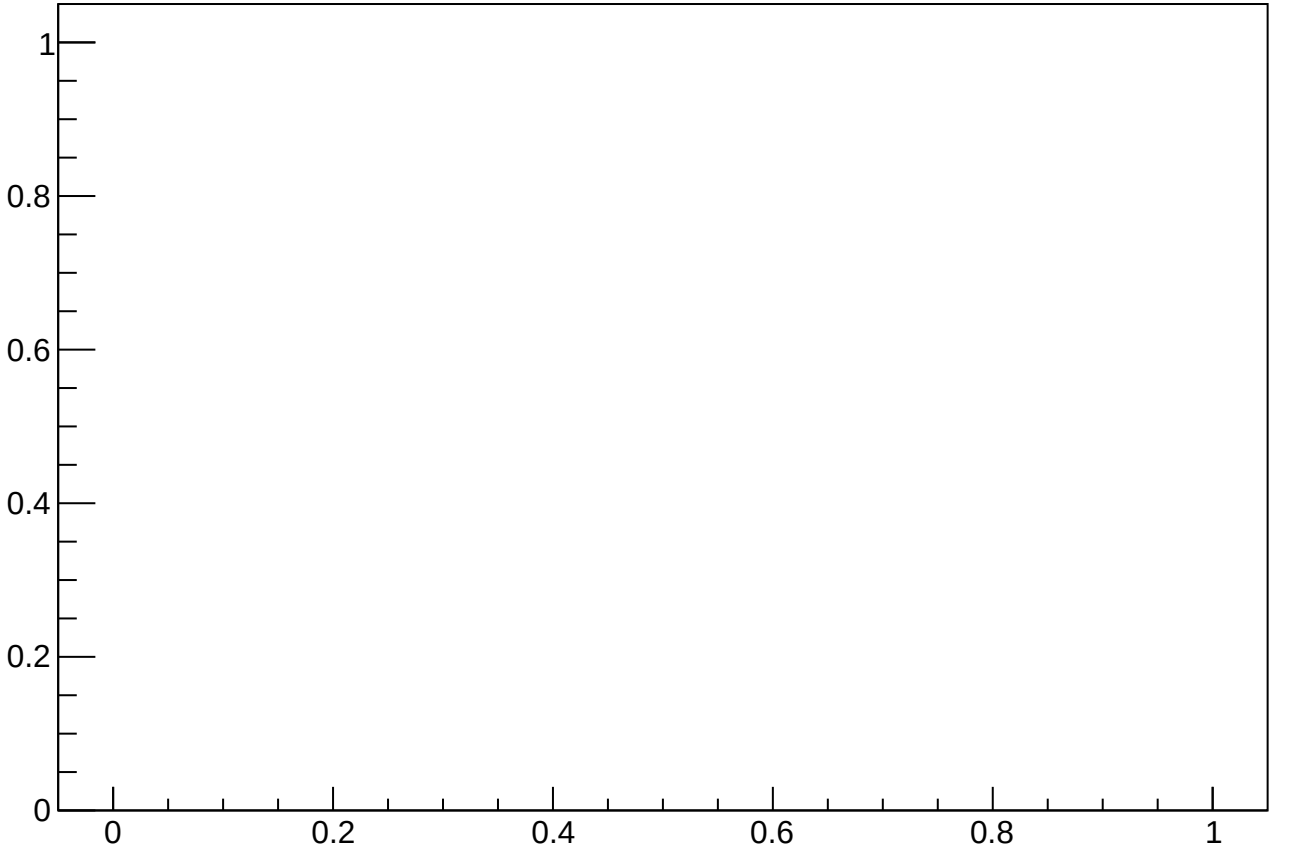
dit_atl2_coil1_mean vs Slug, Sign Corrected



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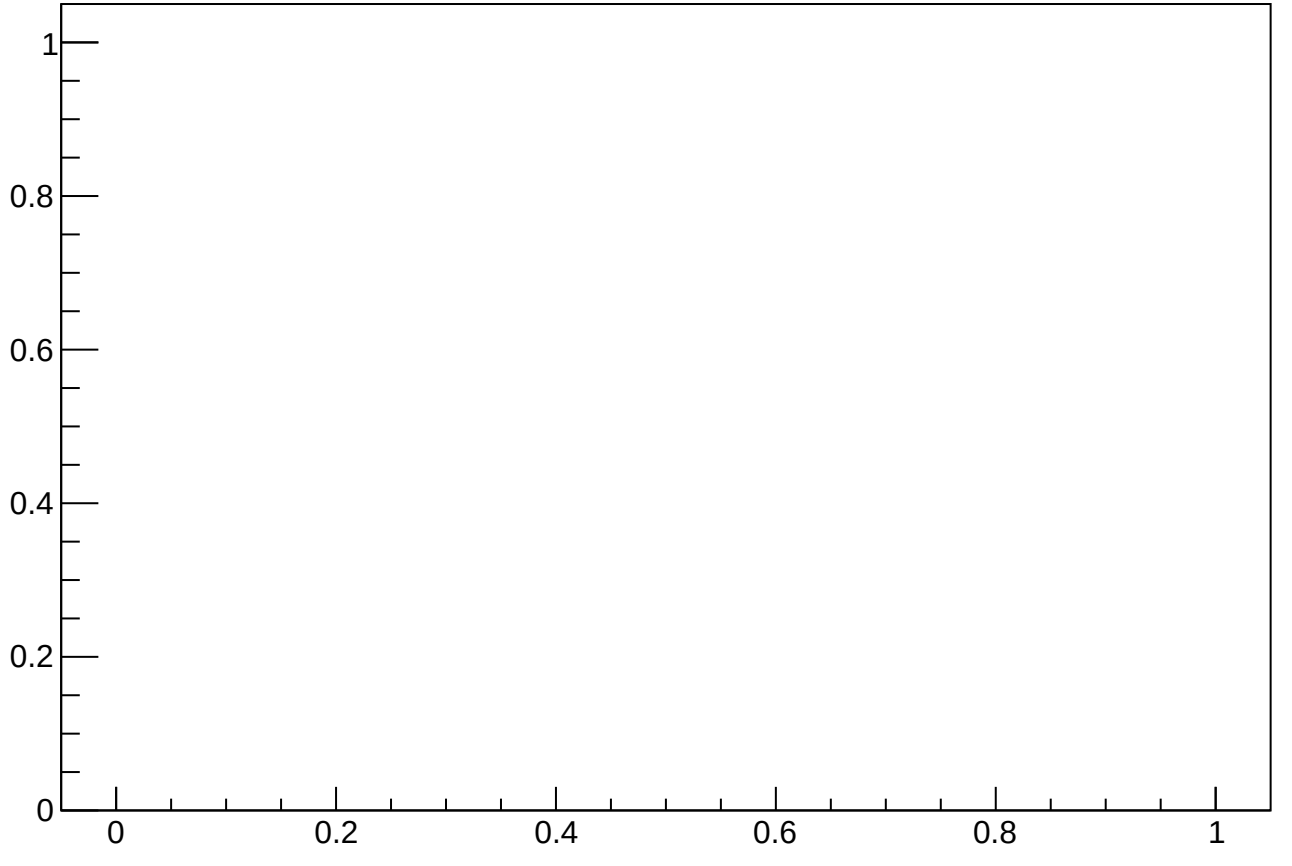
dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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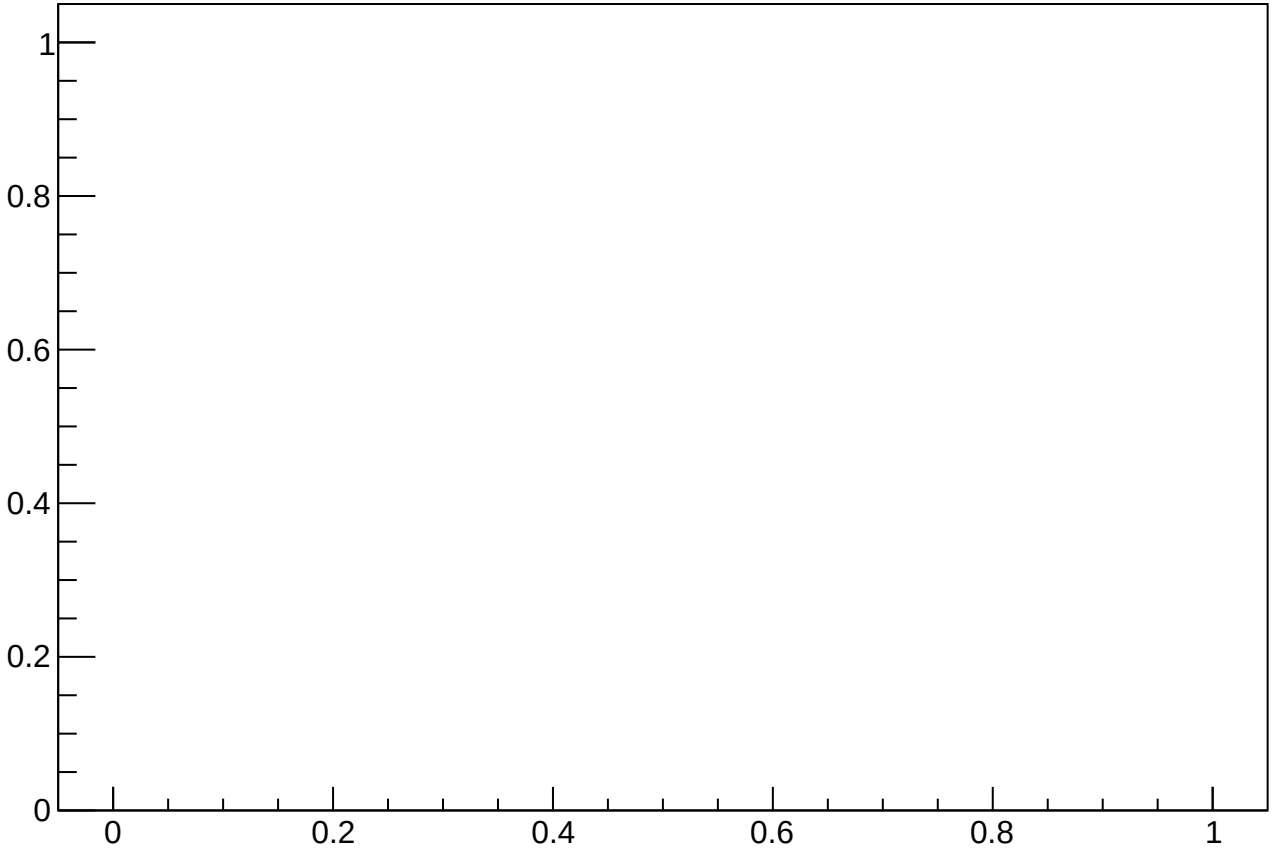
dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

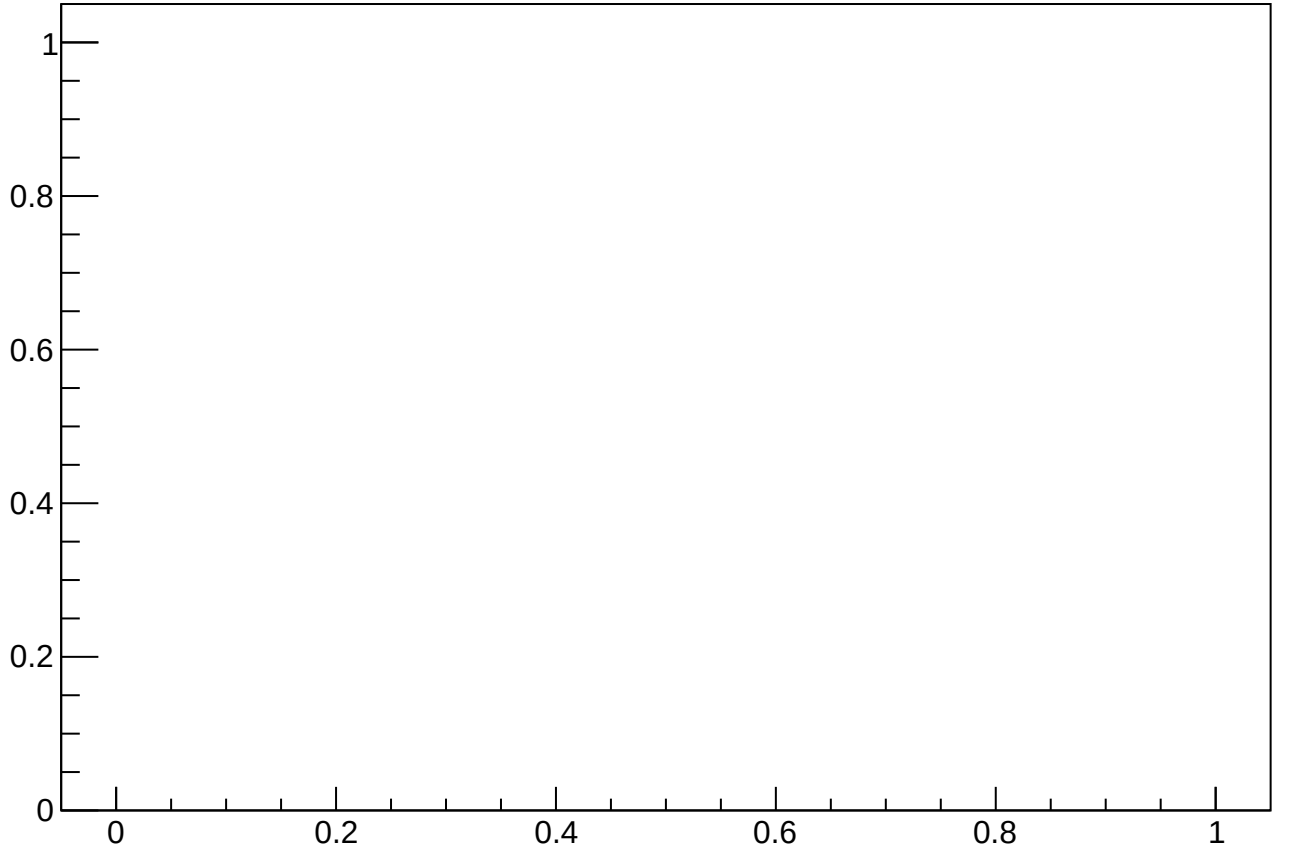
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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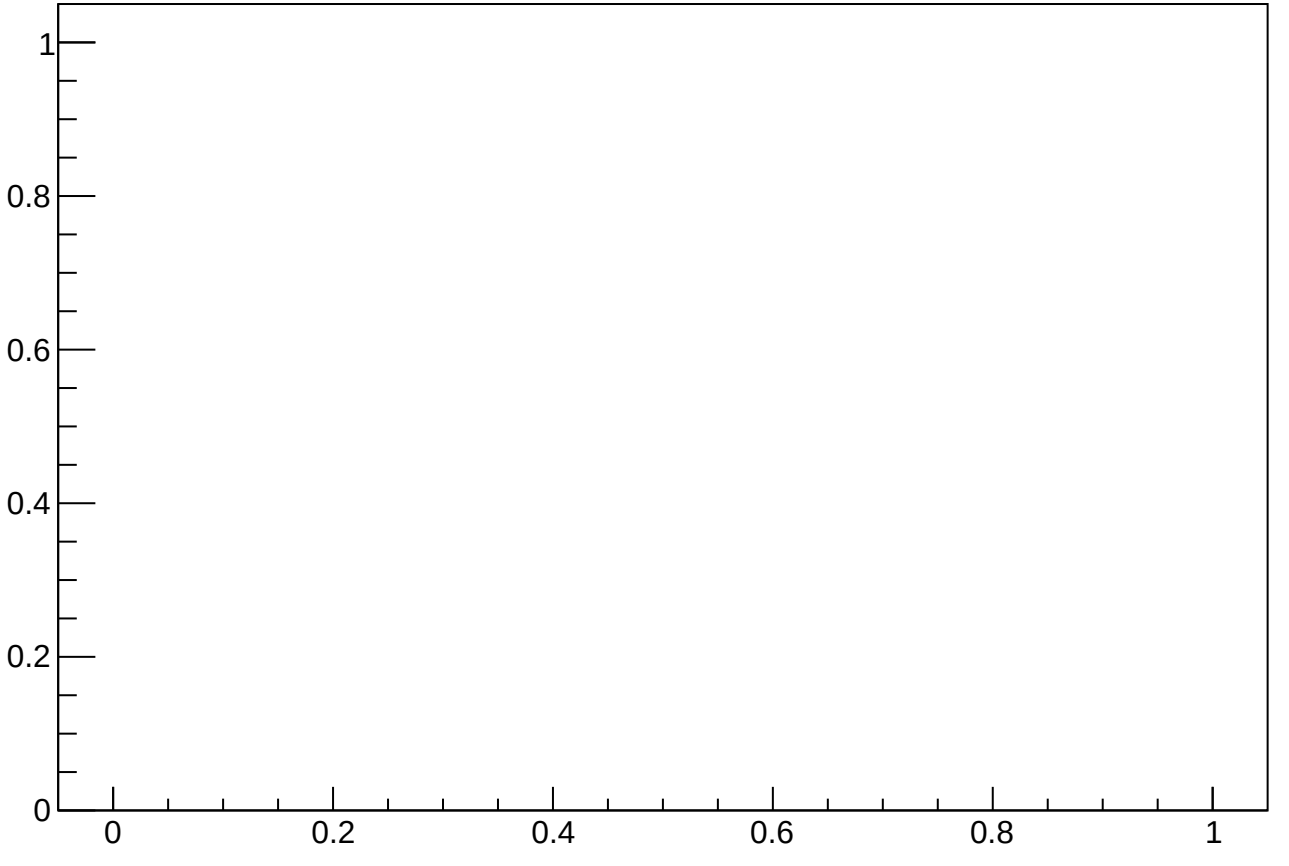
dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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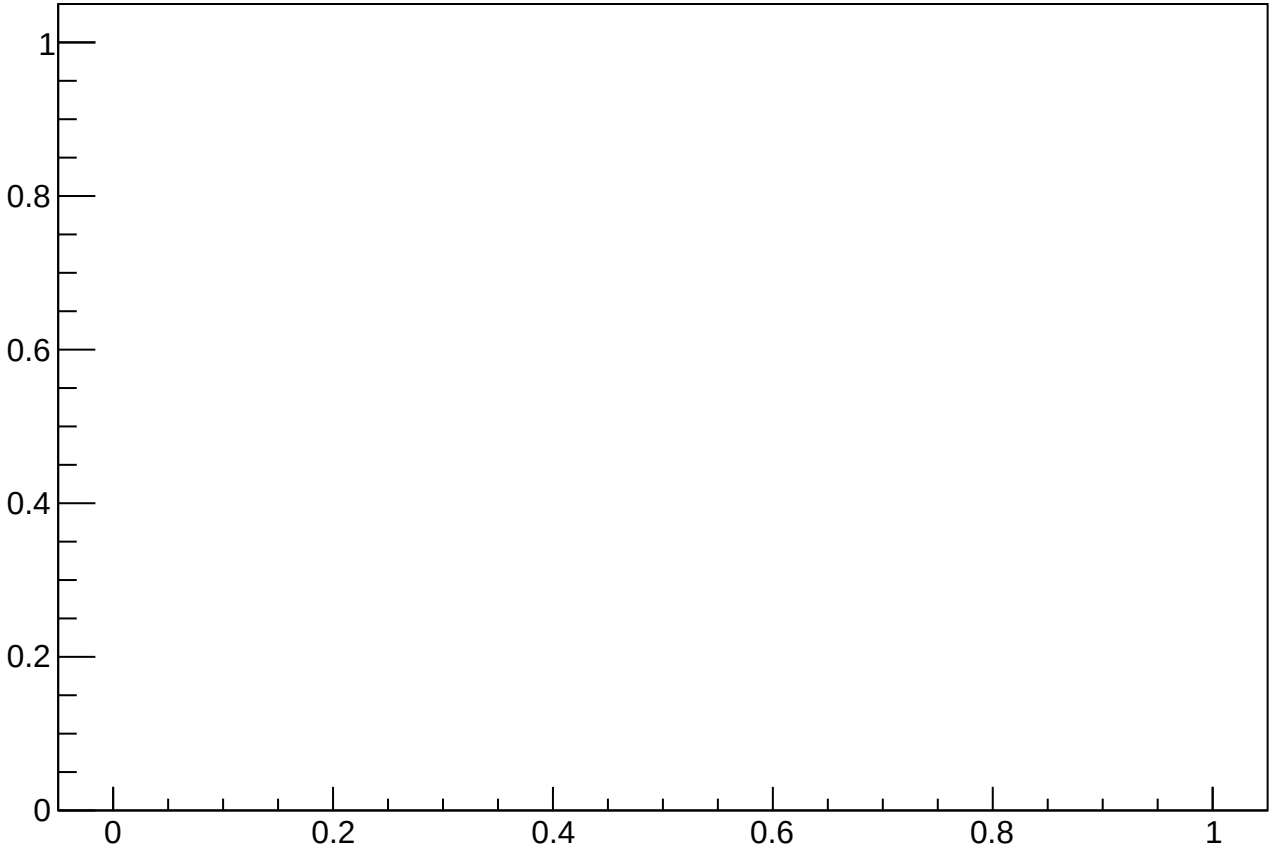
dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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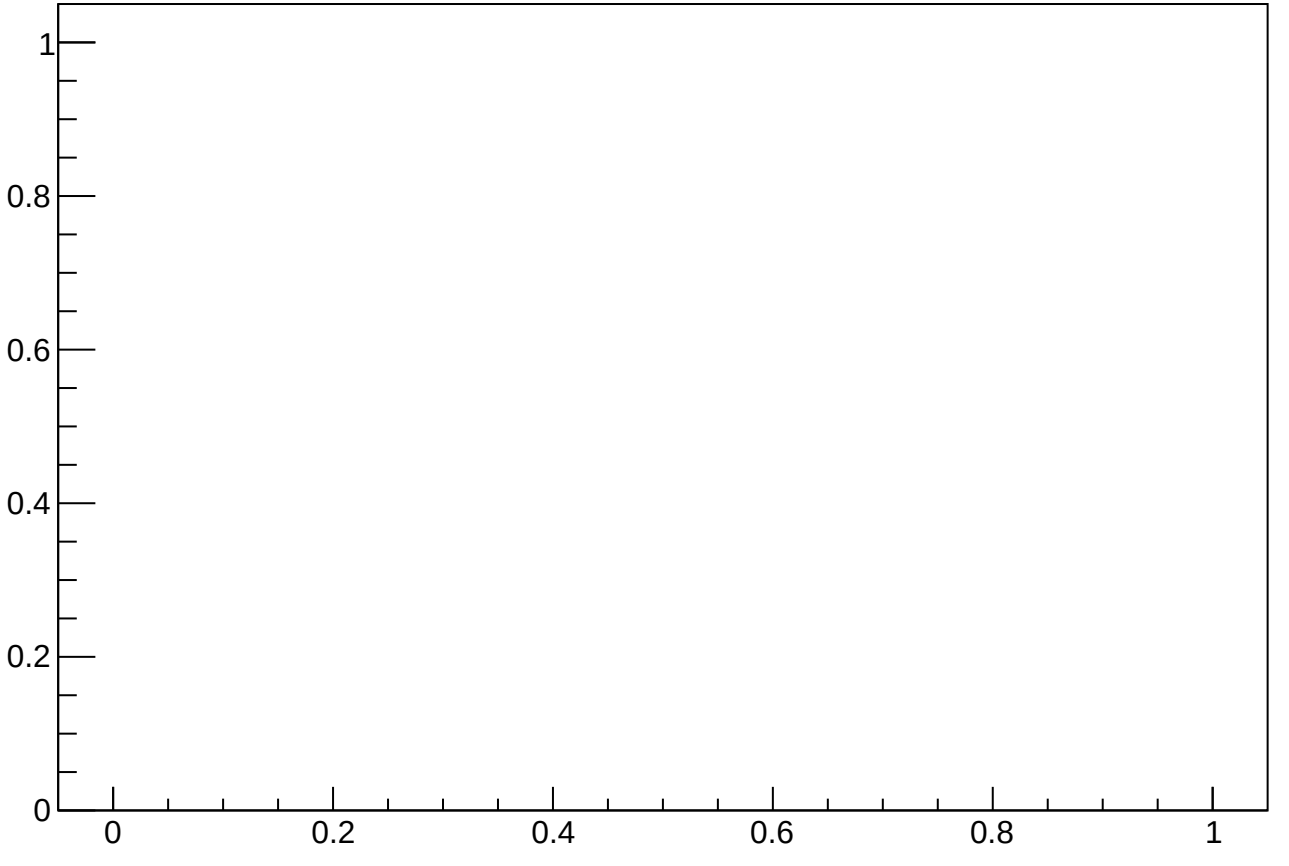
dit_atr2_coil1_mean vs Slug, Sign Corrected



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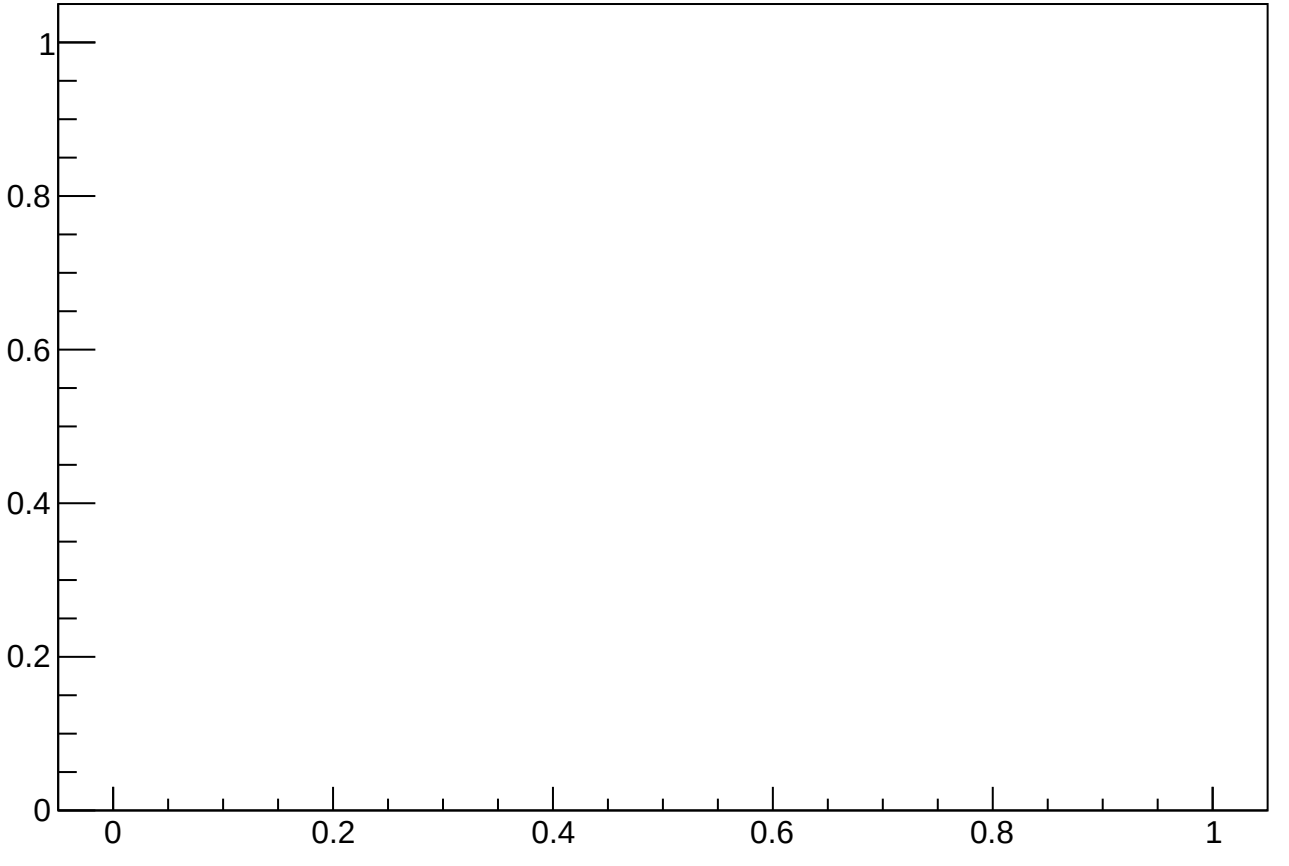
dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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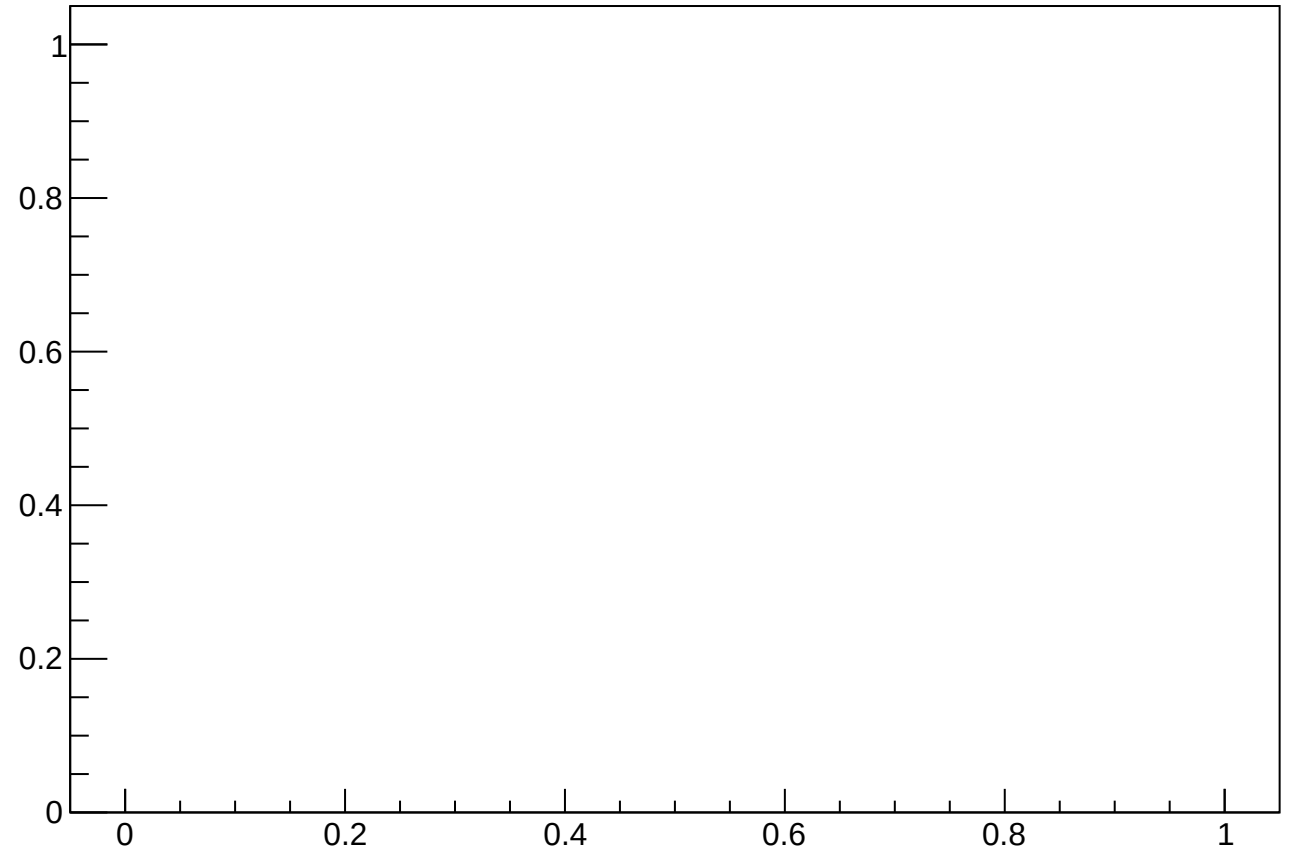

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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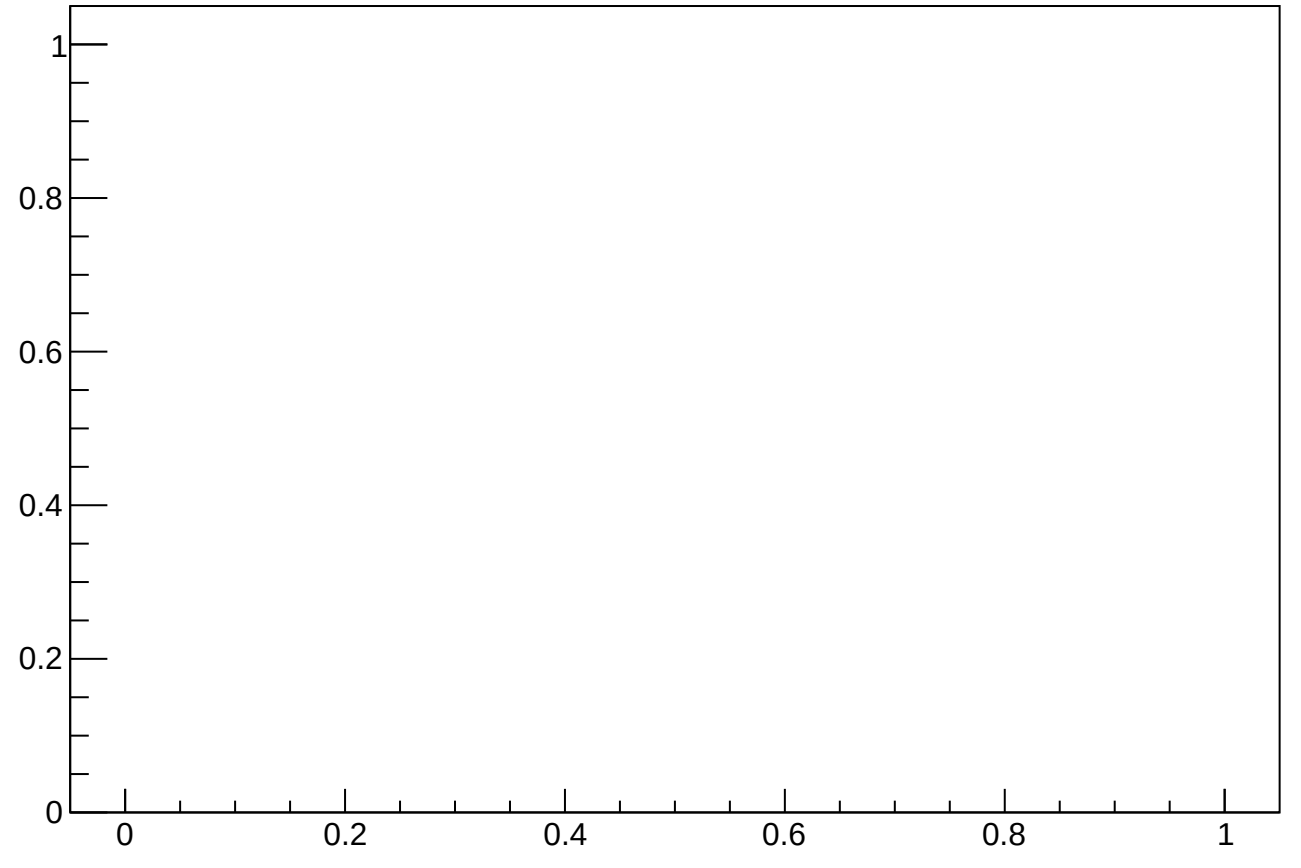

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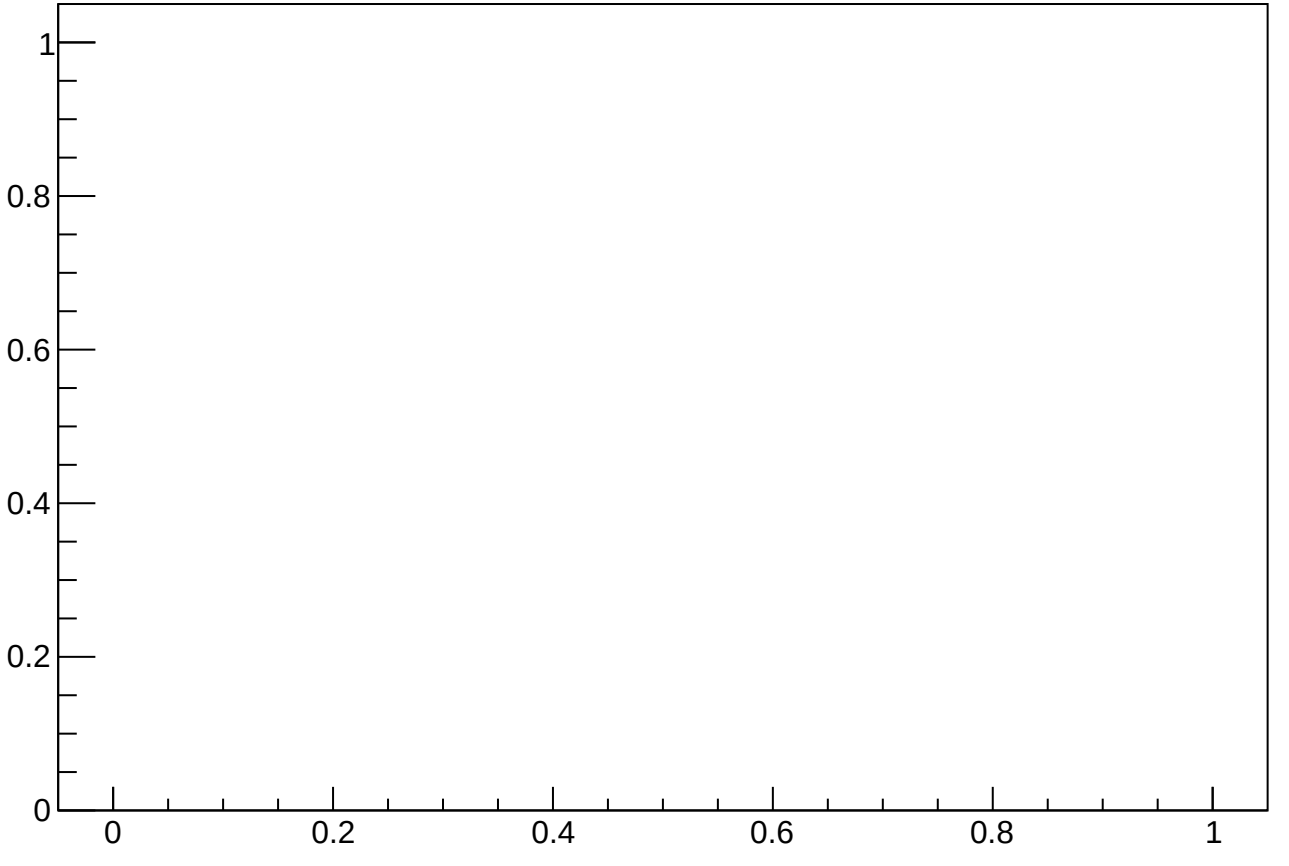
dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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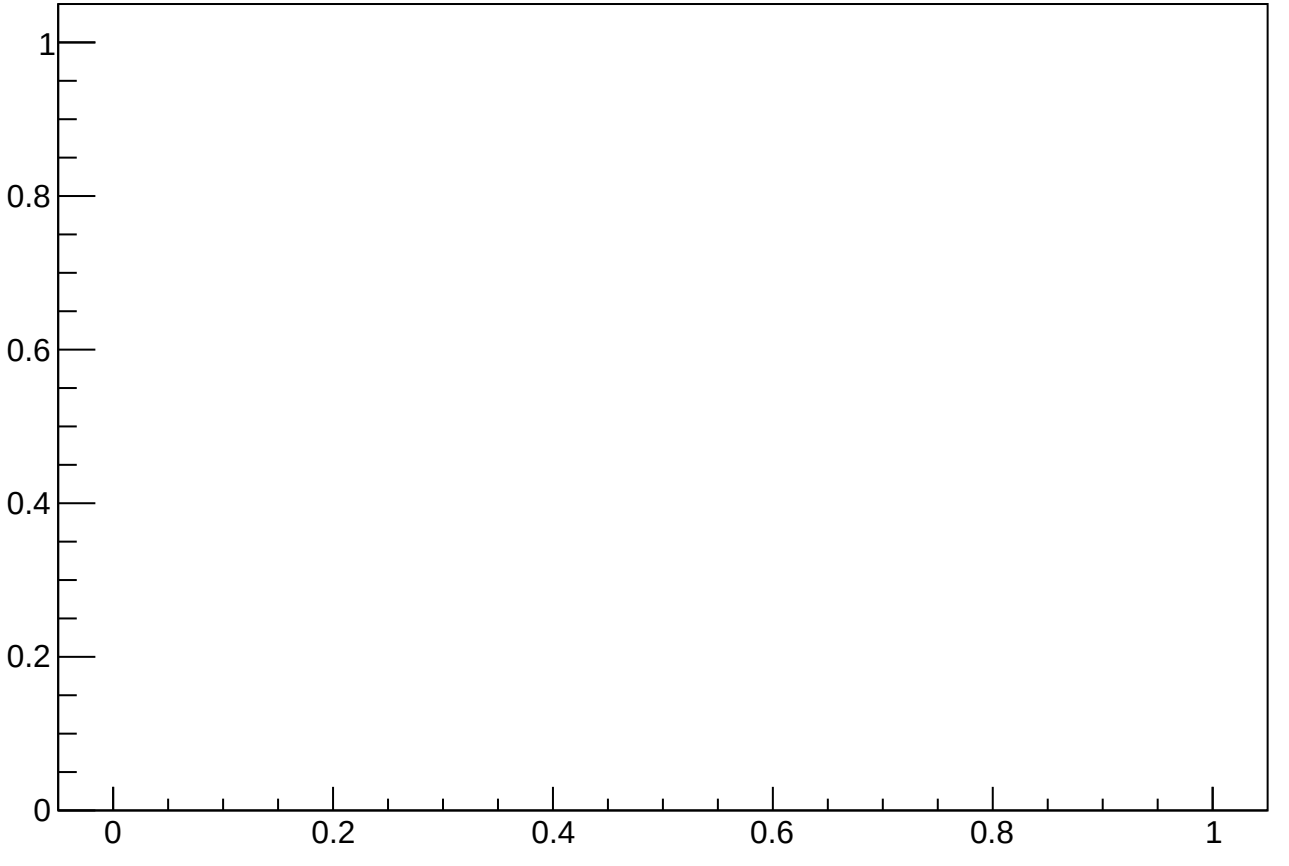
dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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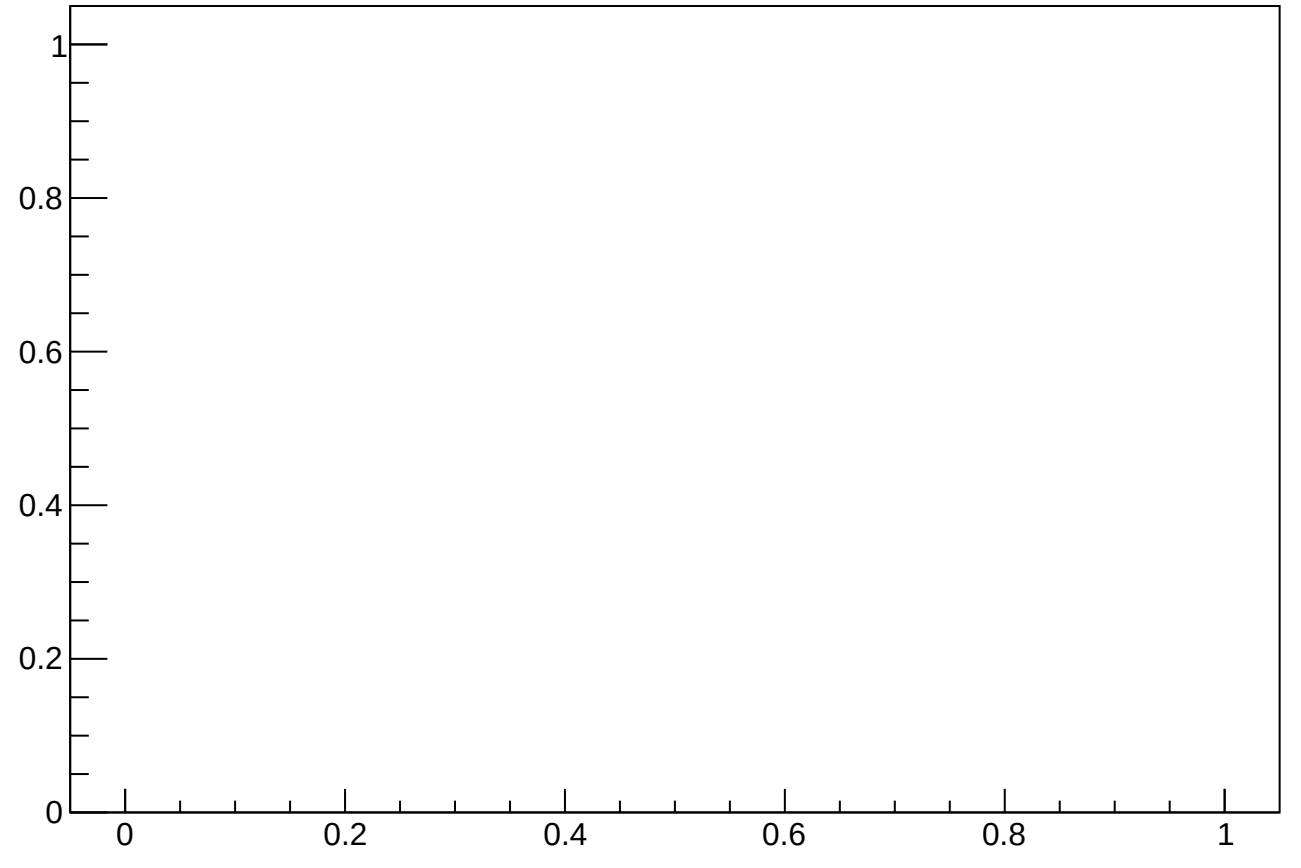

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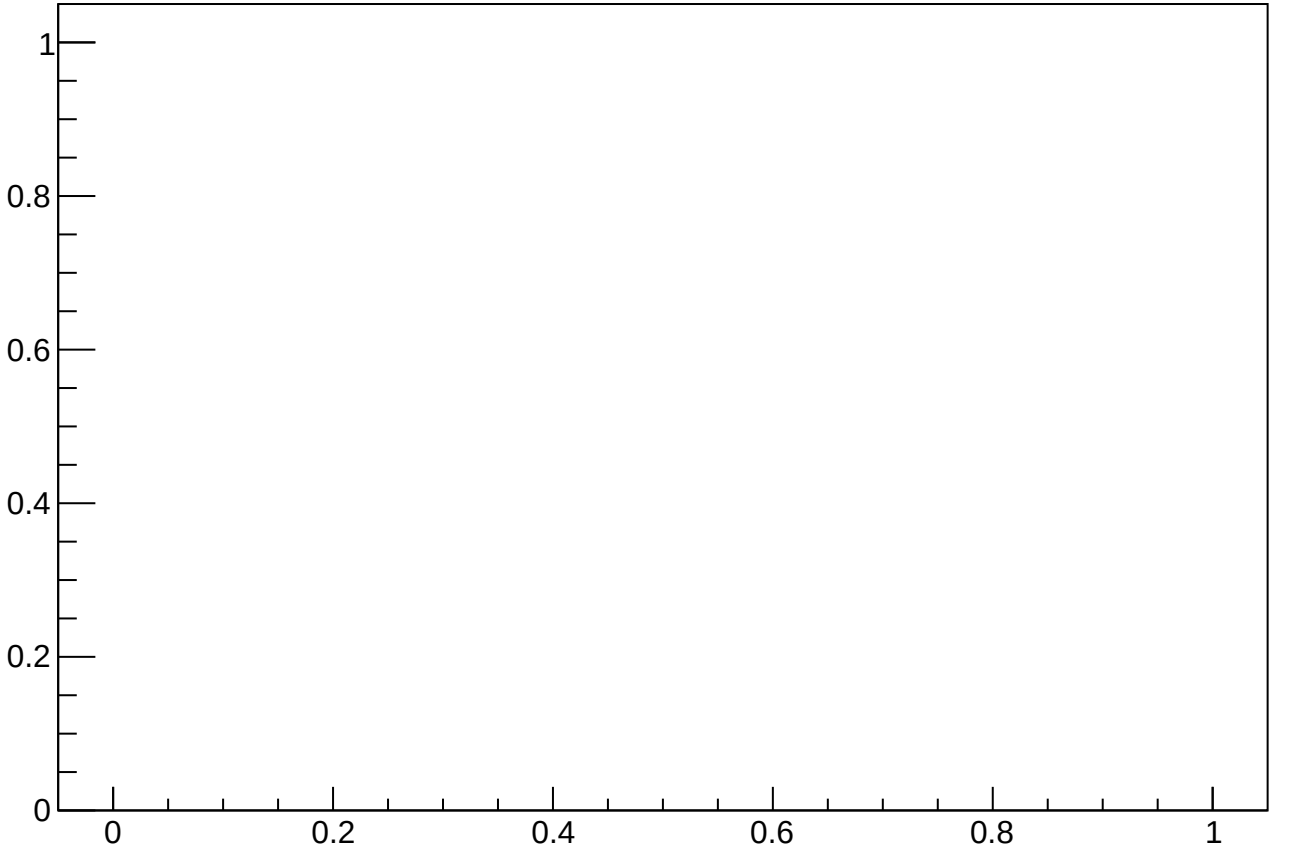
dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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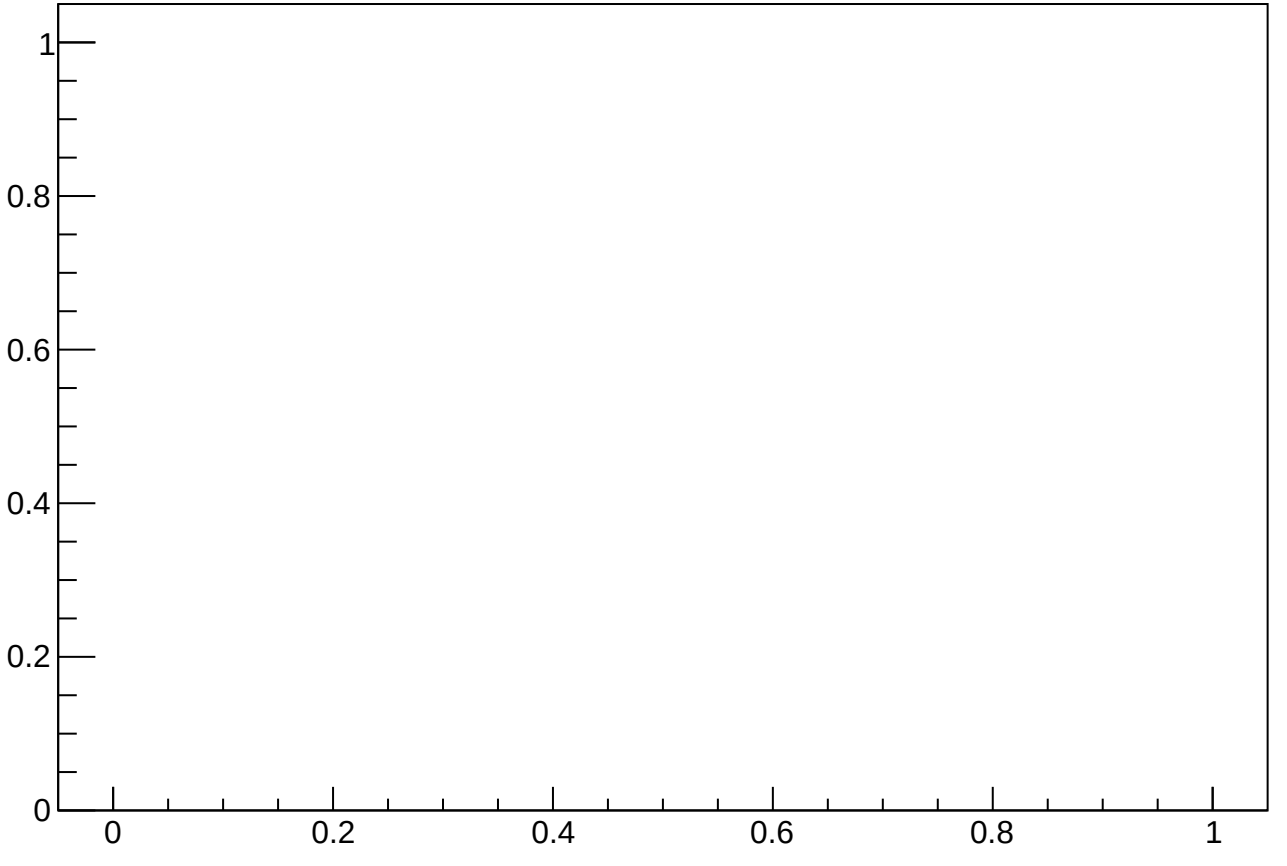
dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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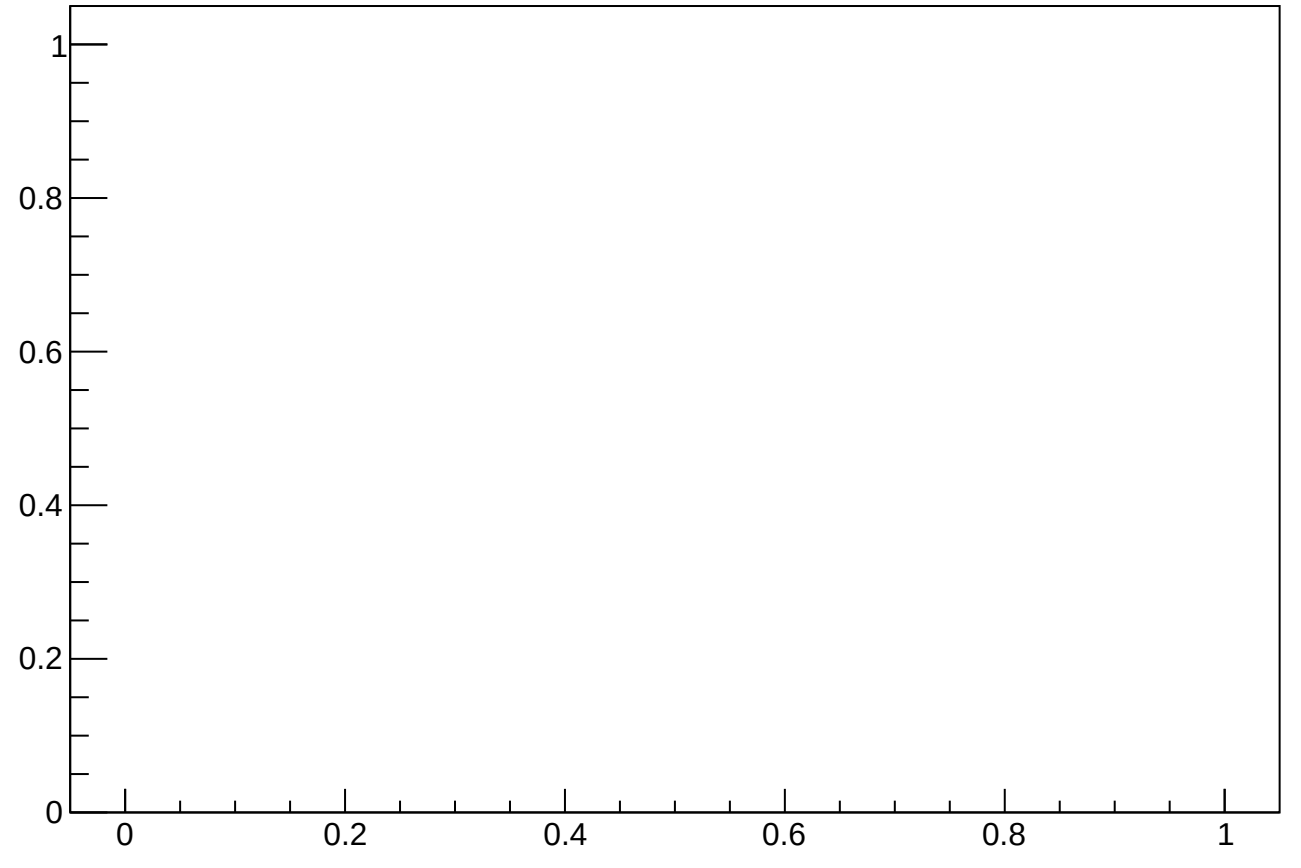

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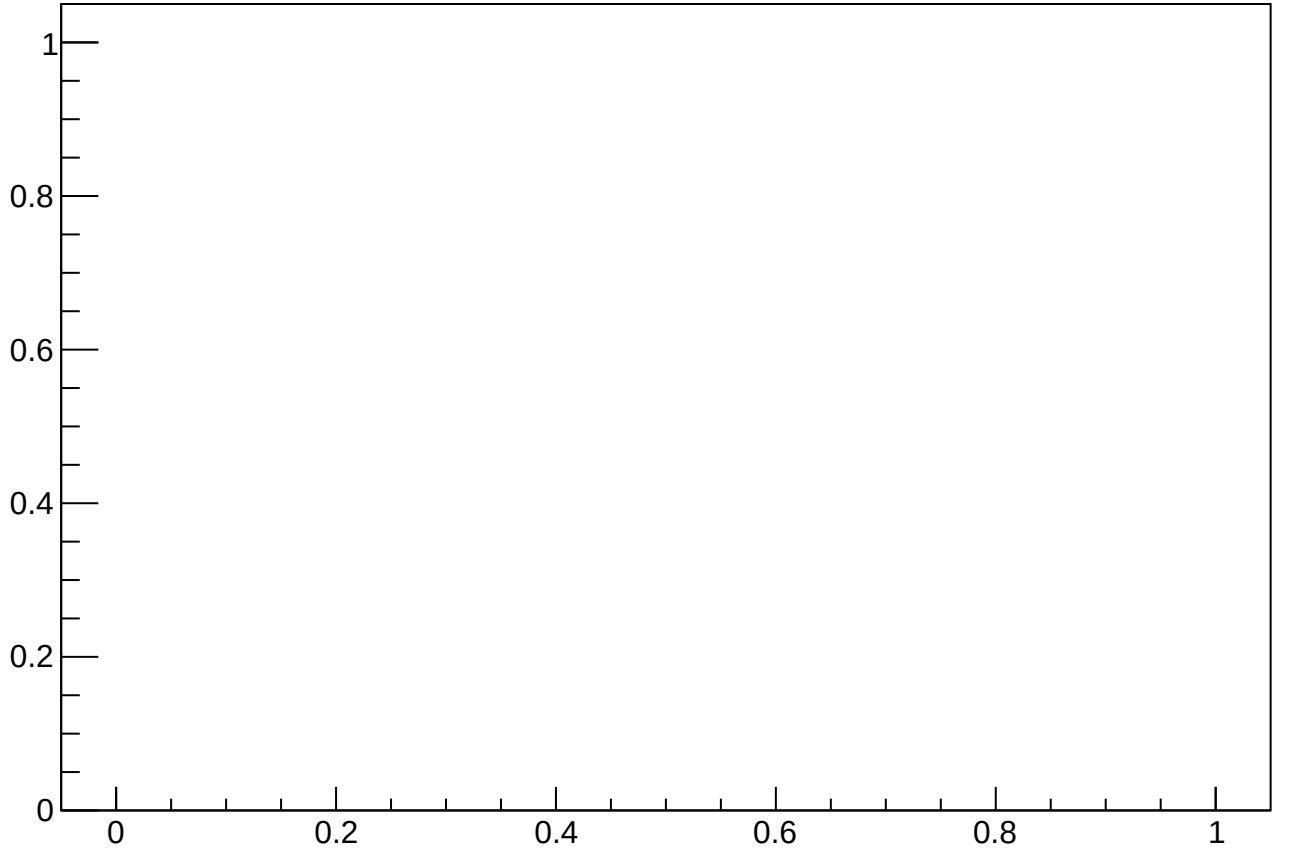
dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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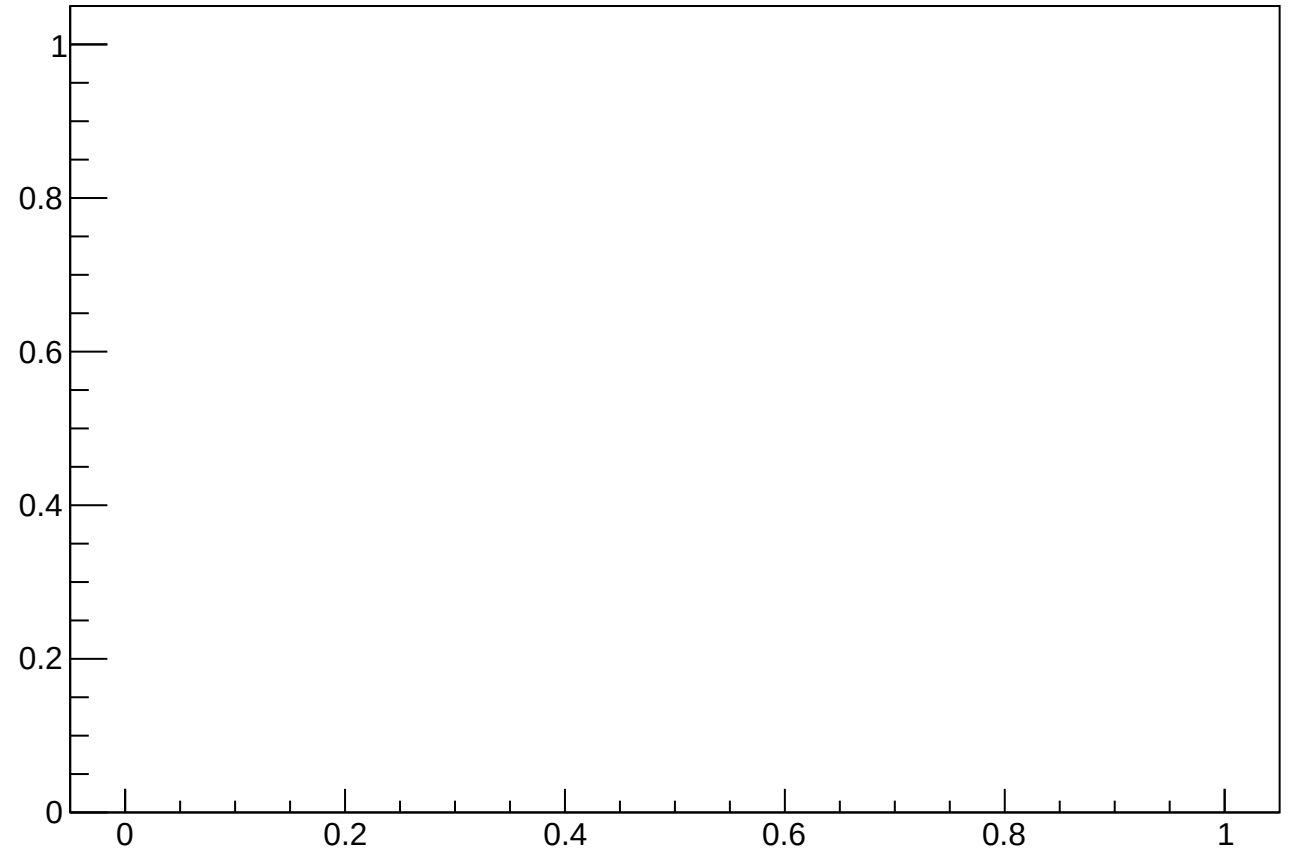

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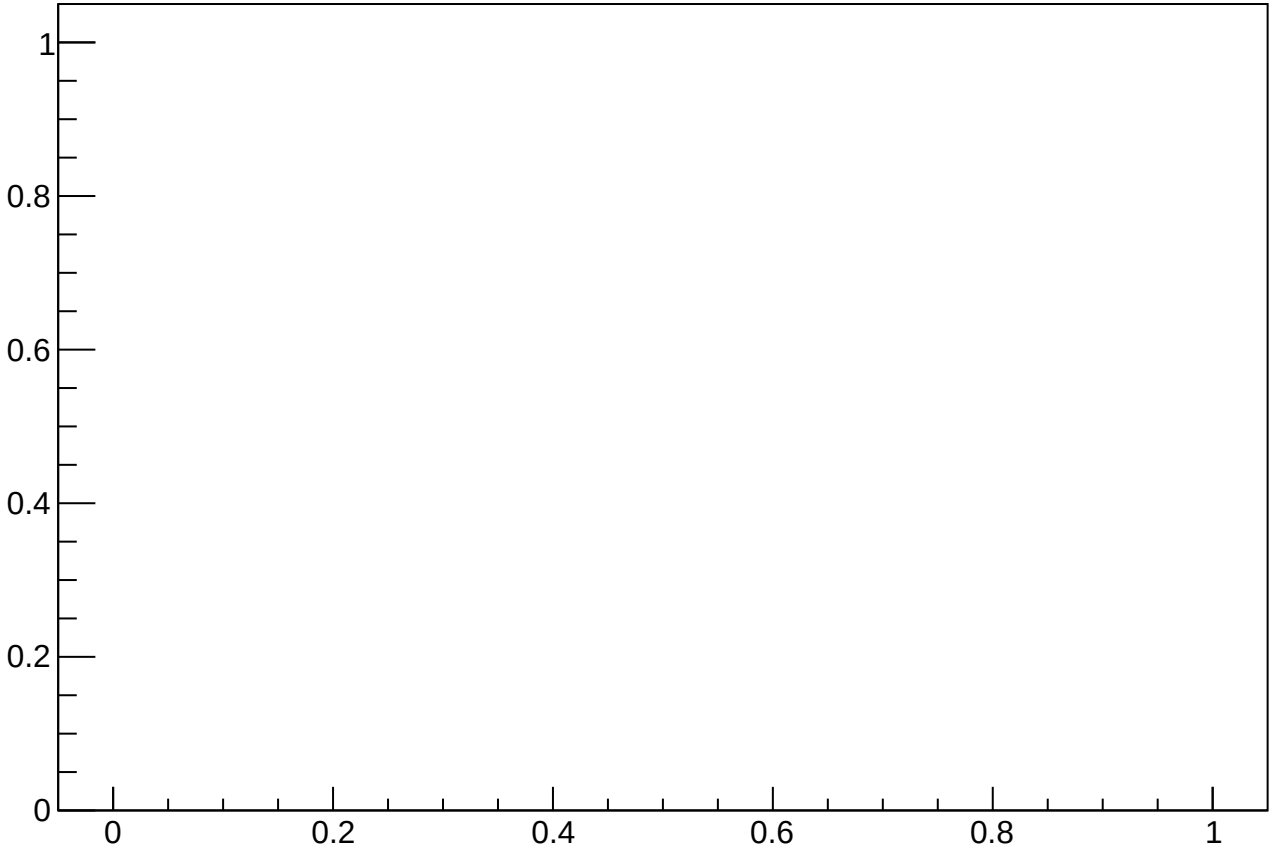
dit_sam4_coil1_mean vs Slug, Sign Corrected



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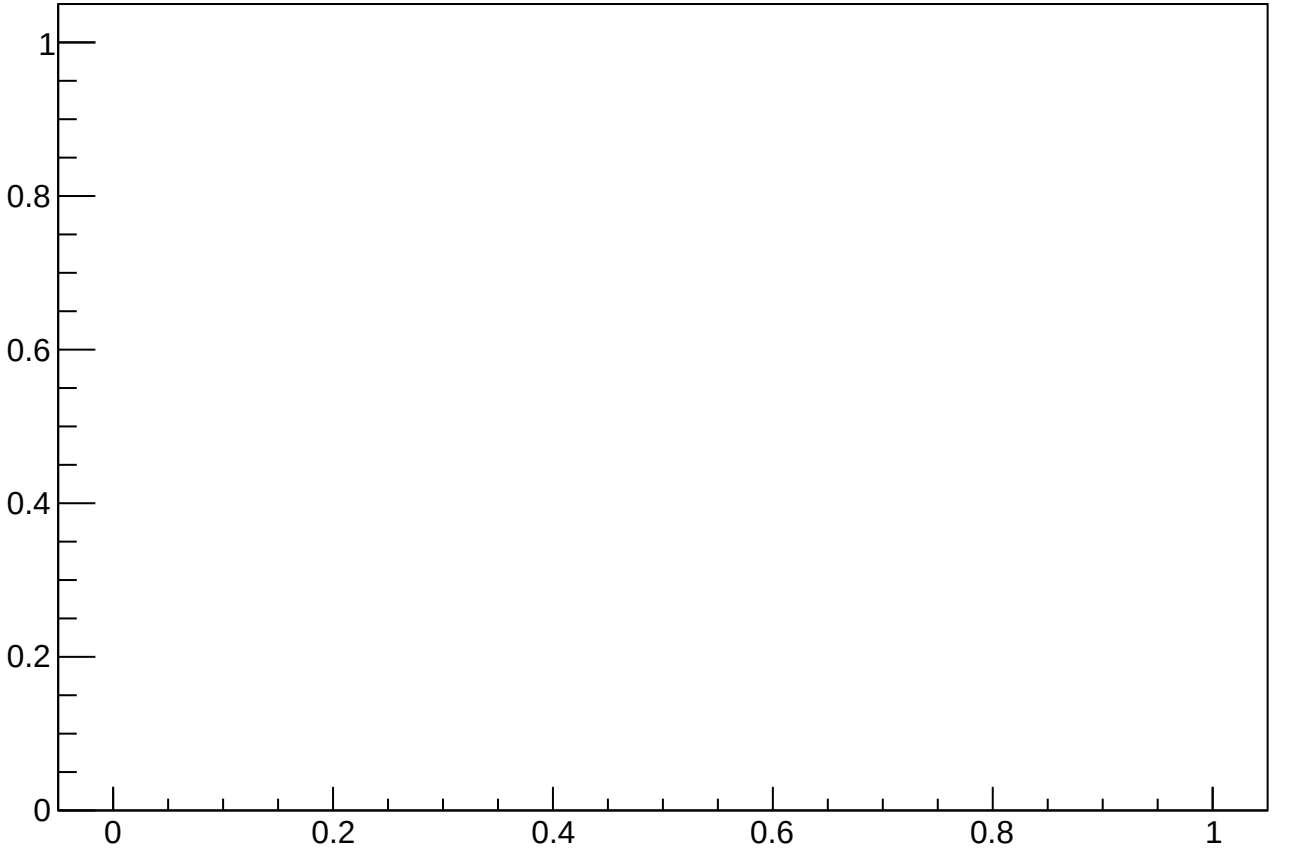
dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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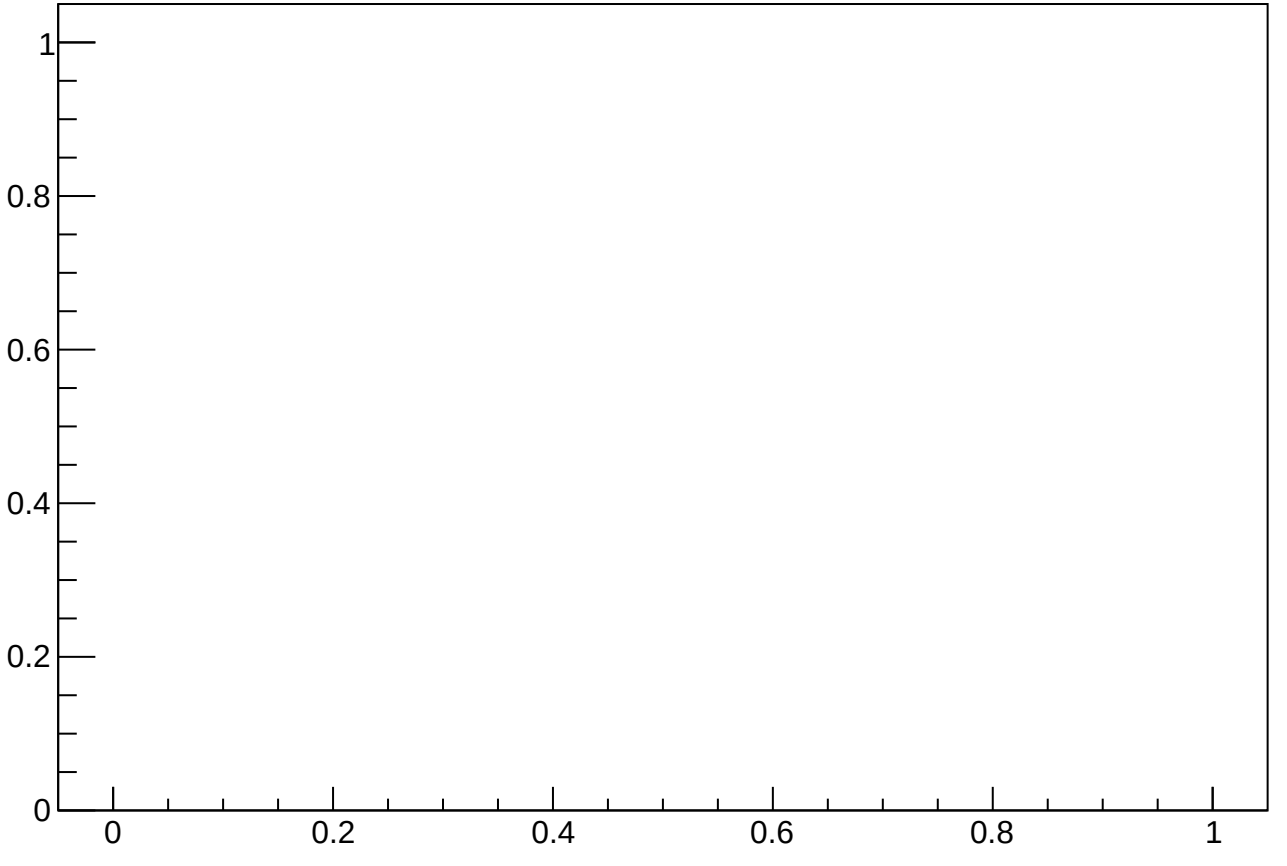
dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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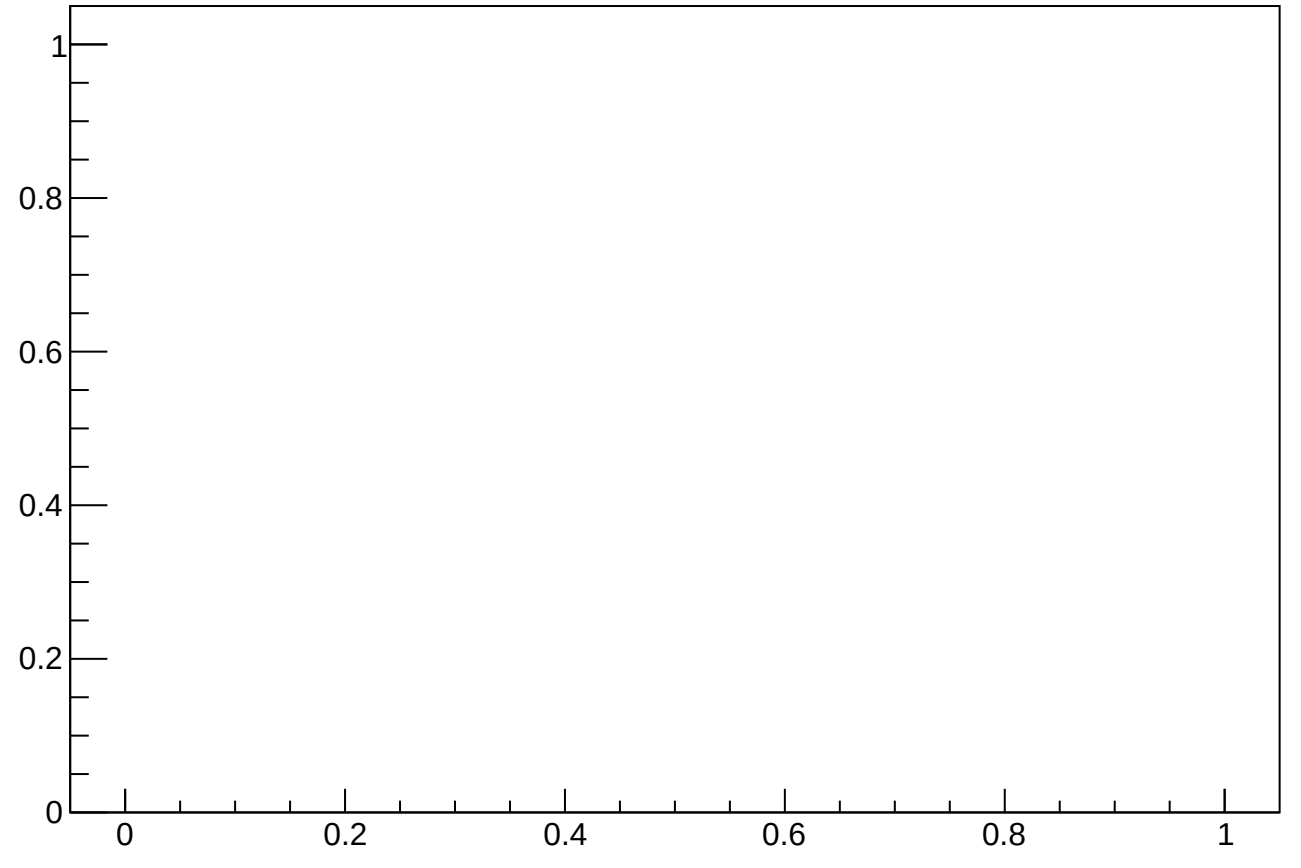

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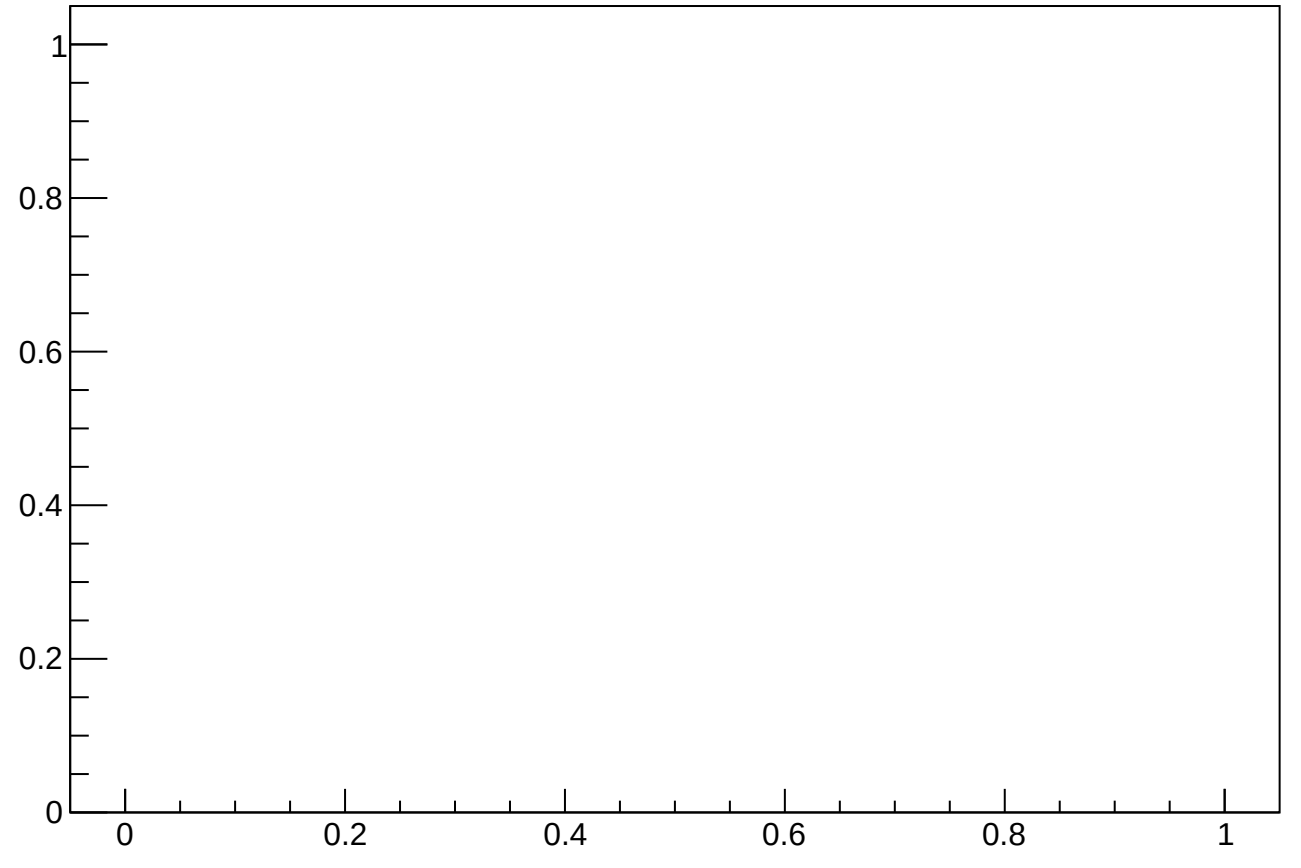

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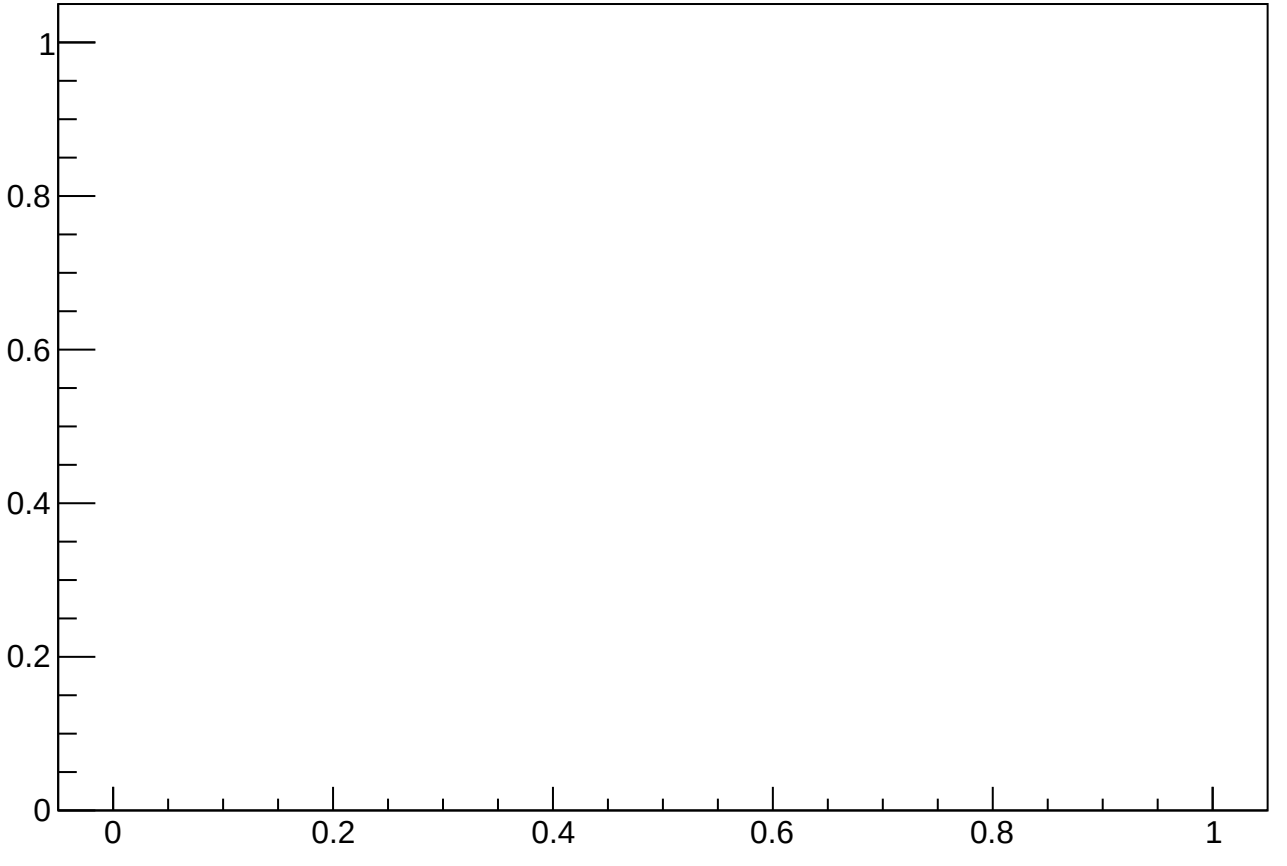
dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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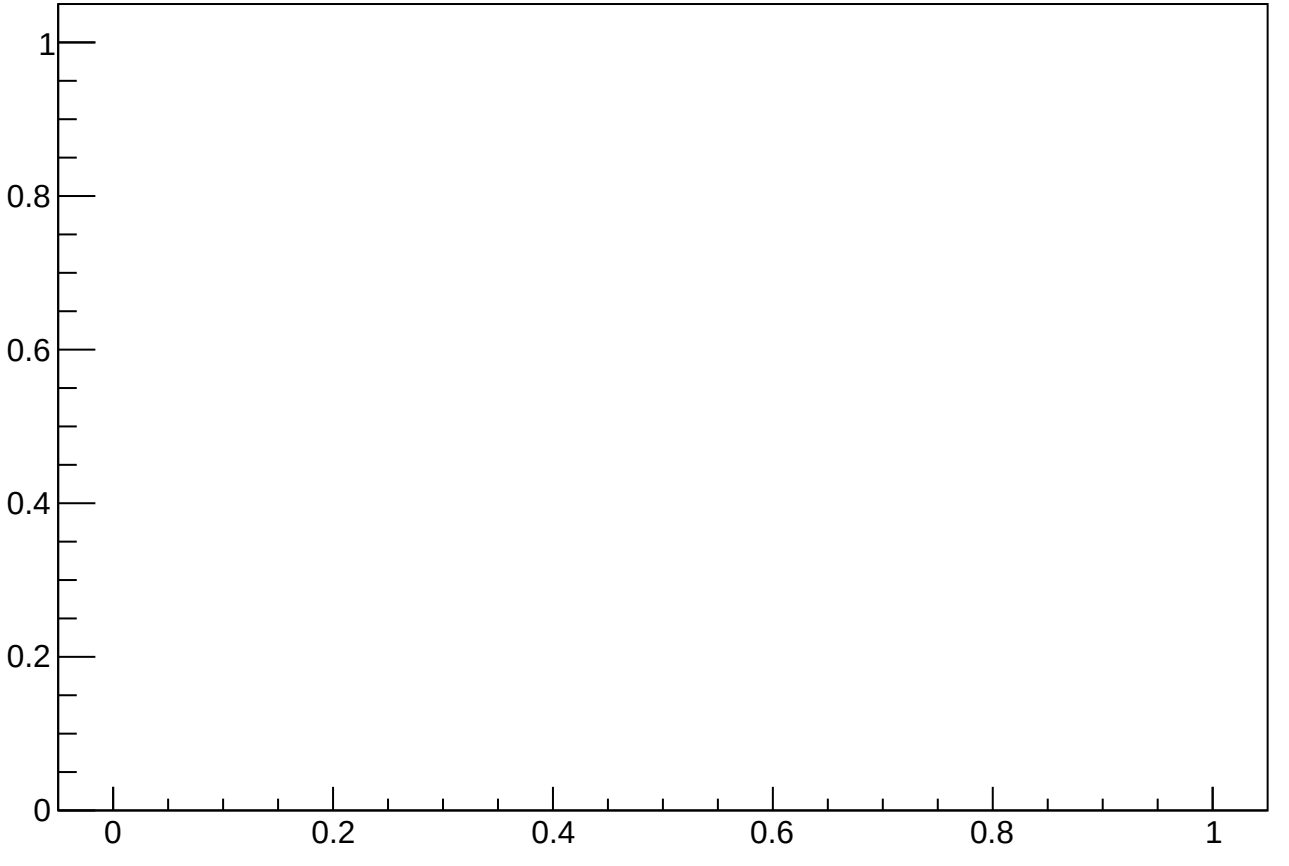
dit_sam6_coil1_mean vs Slug, Sign Corrected



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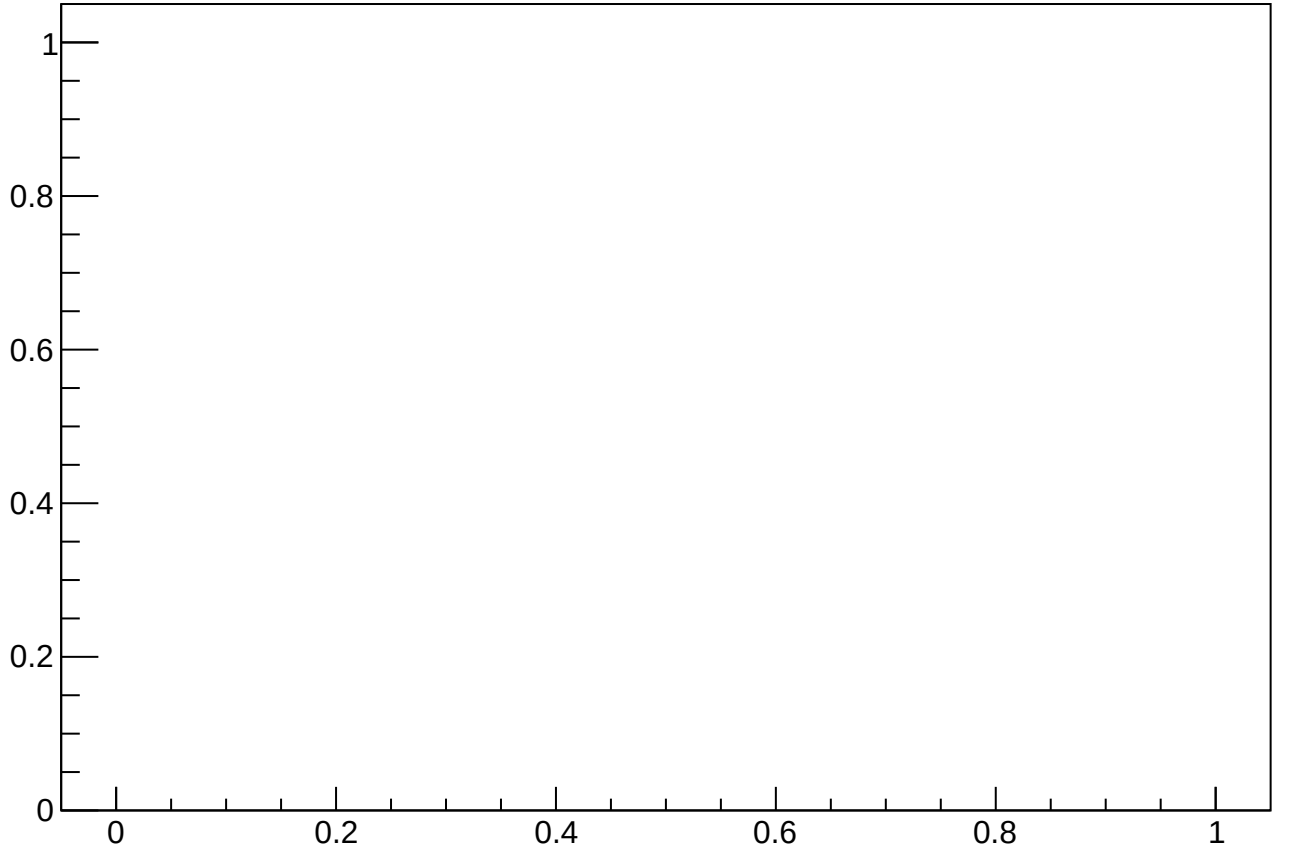
dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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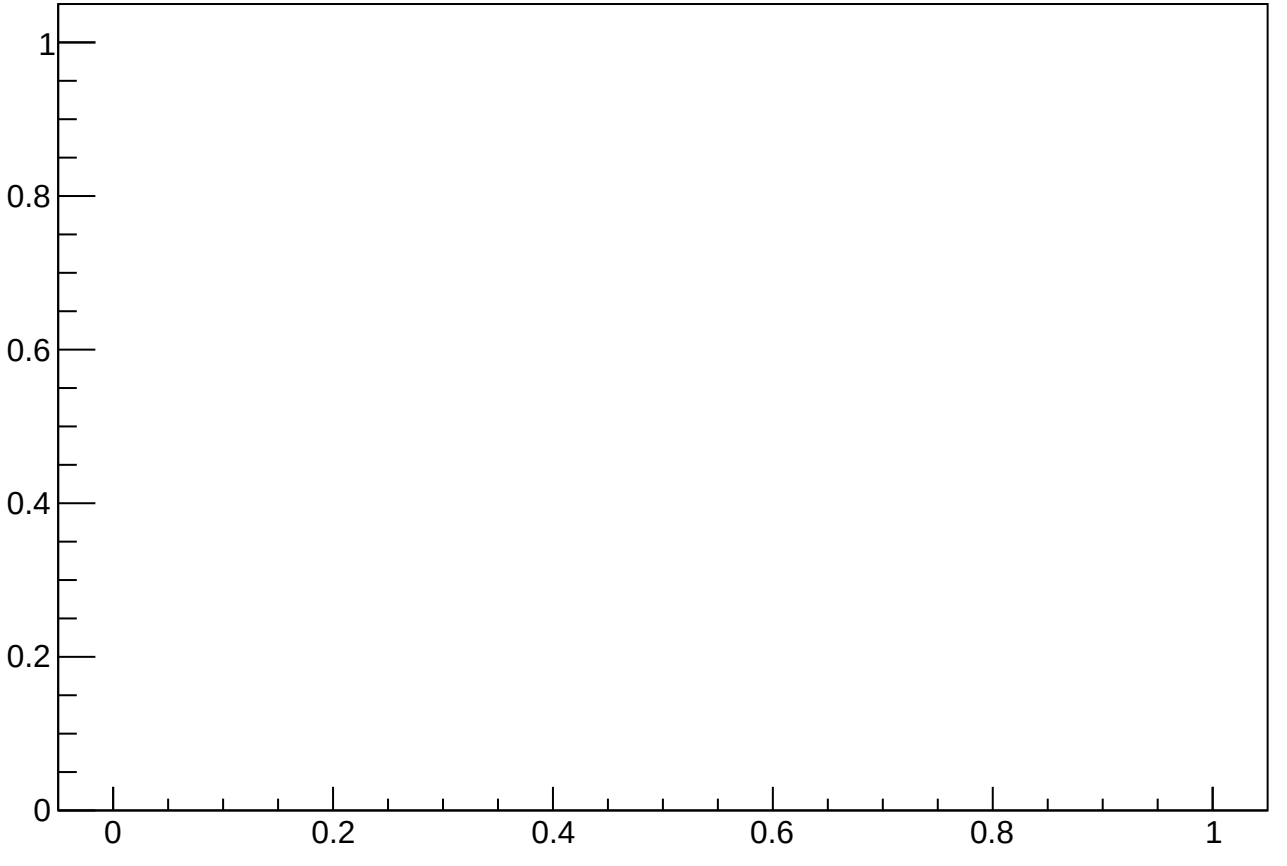
dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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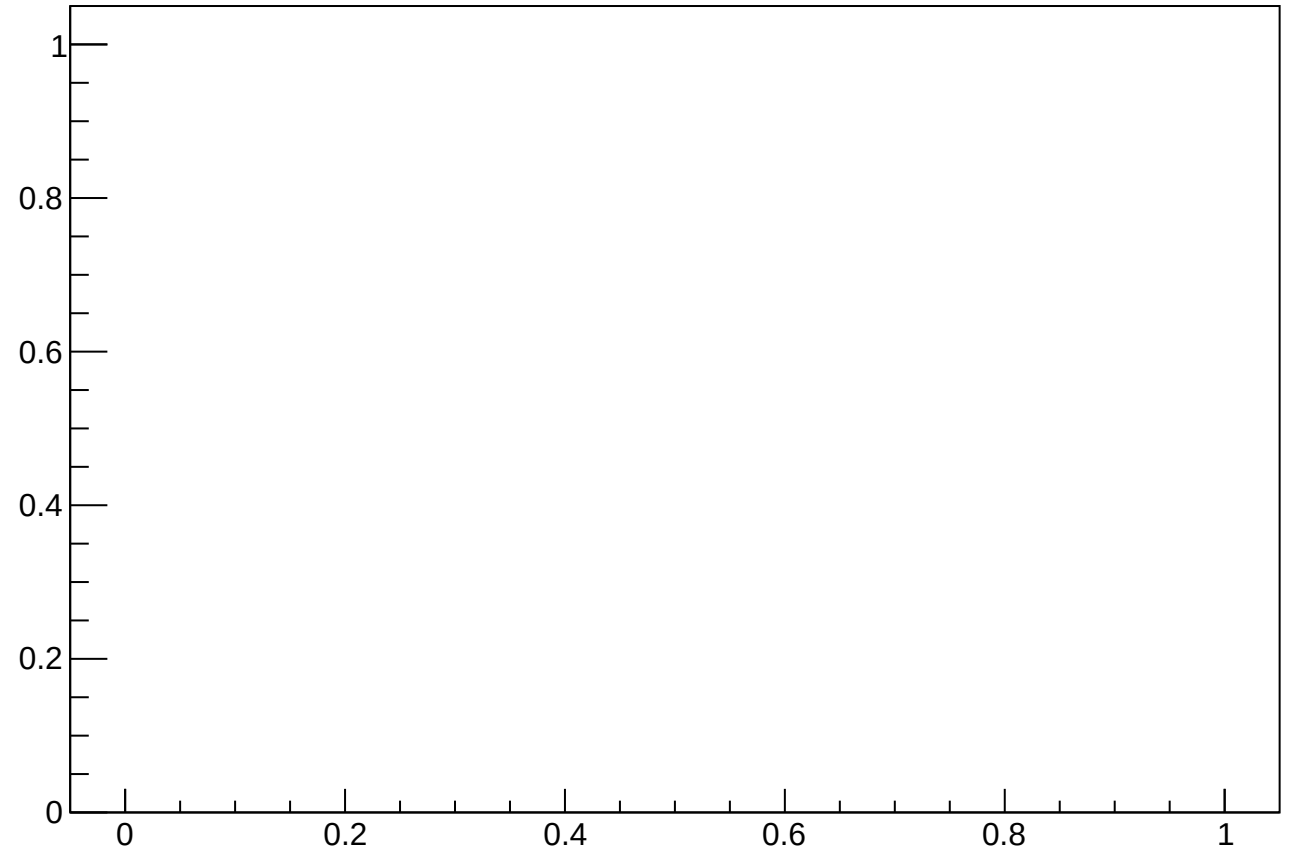

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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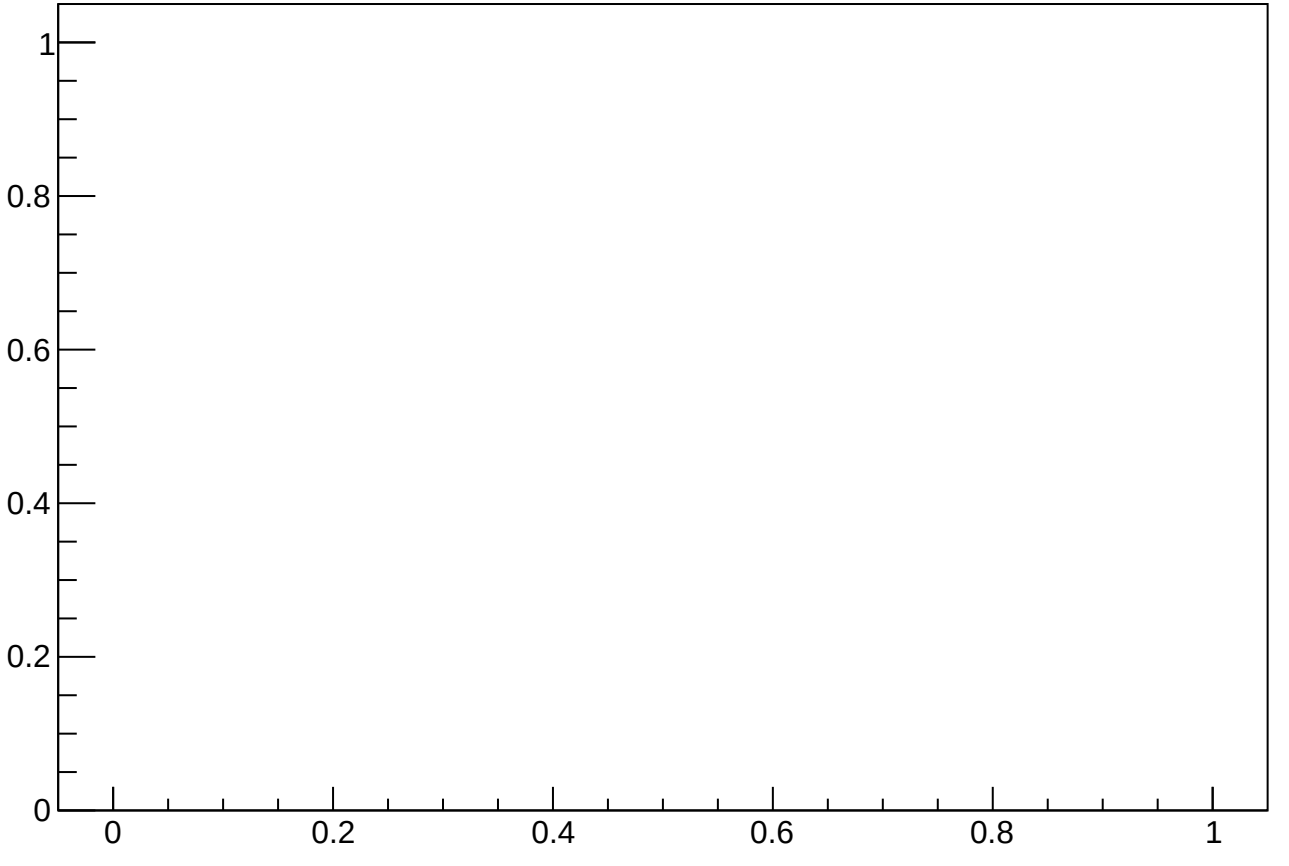
dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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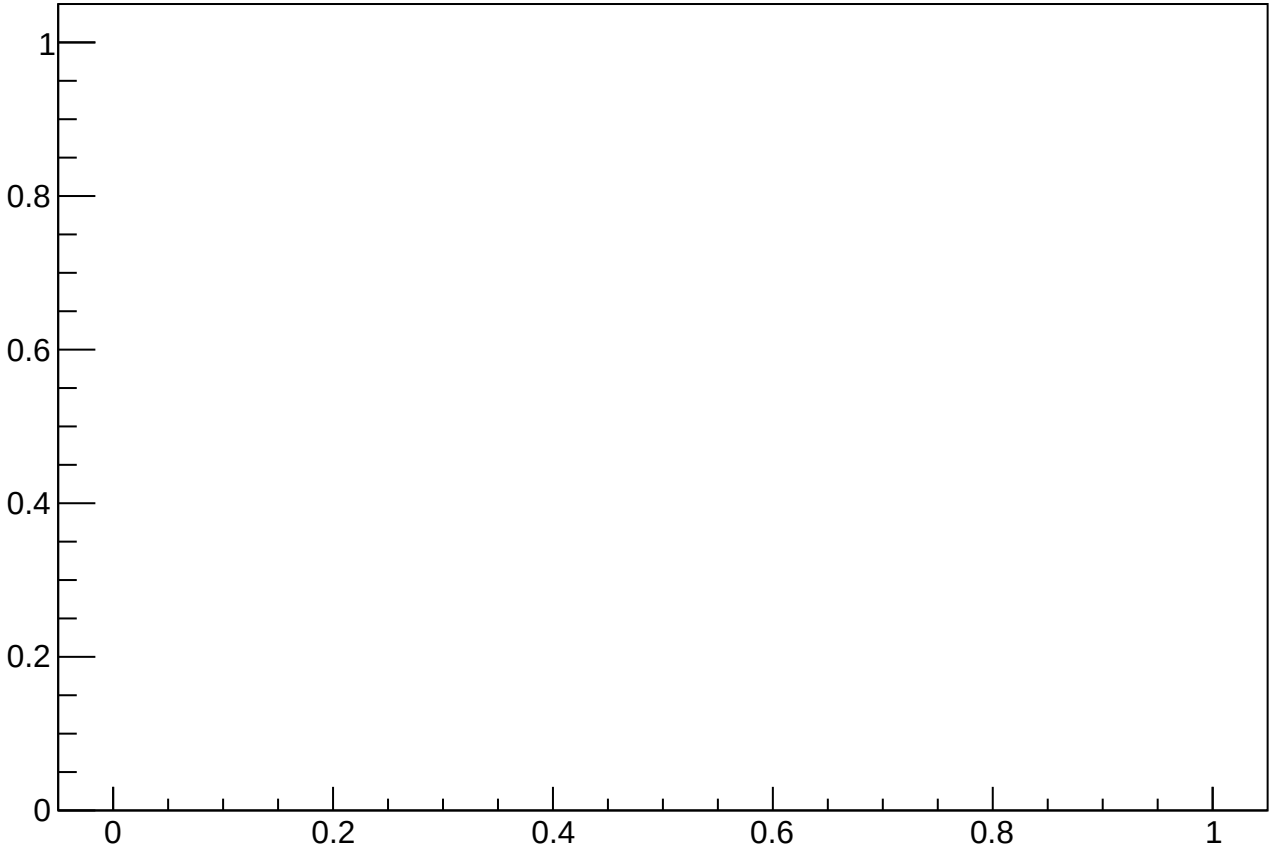
dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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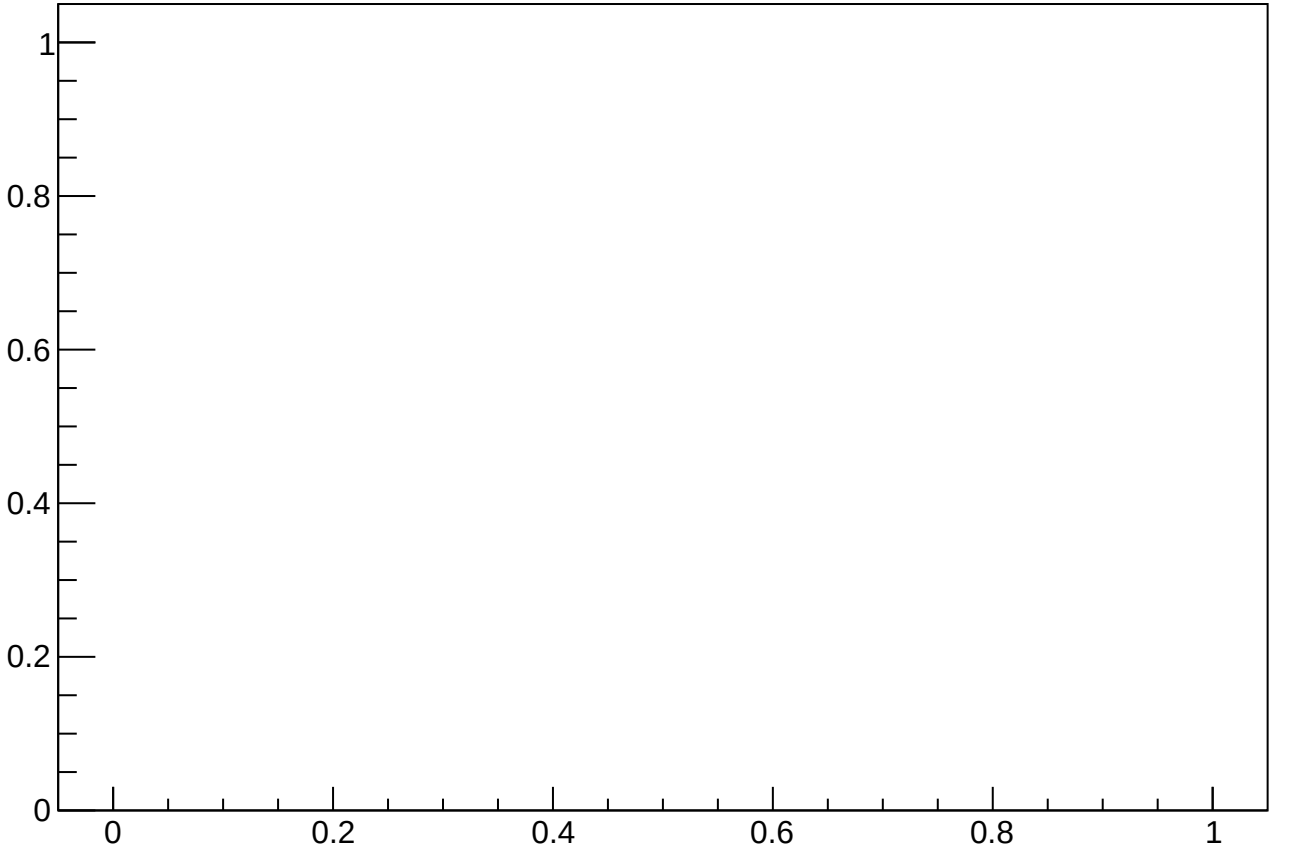
dit_sam8_coil1_mean vs Slug, Sign Corrected



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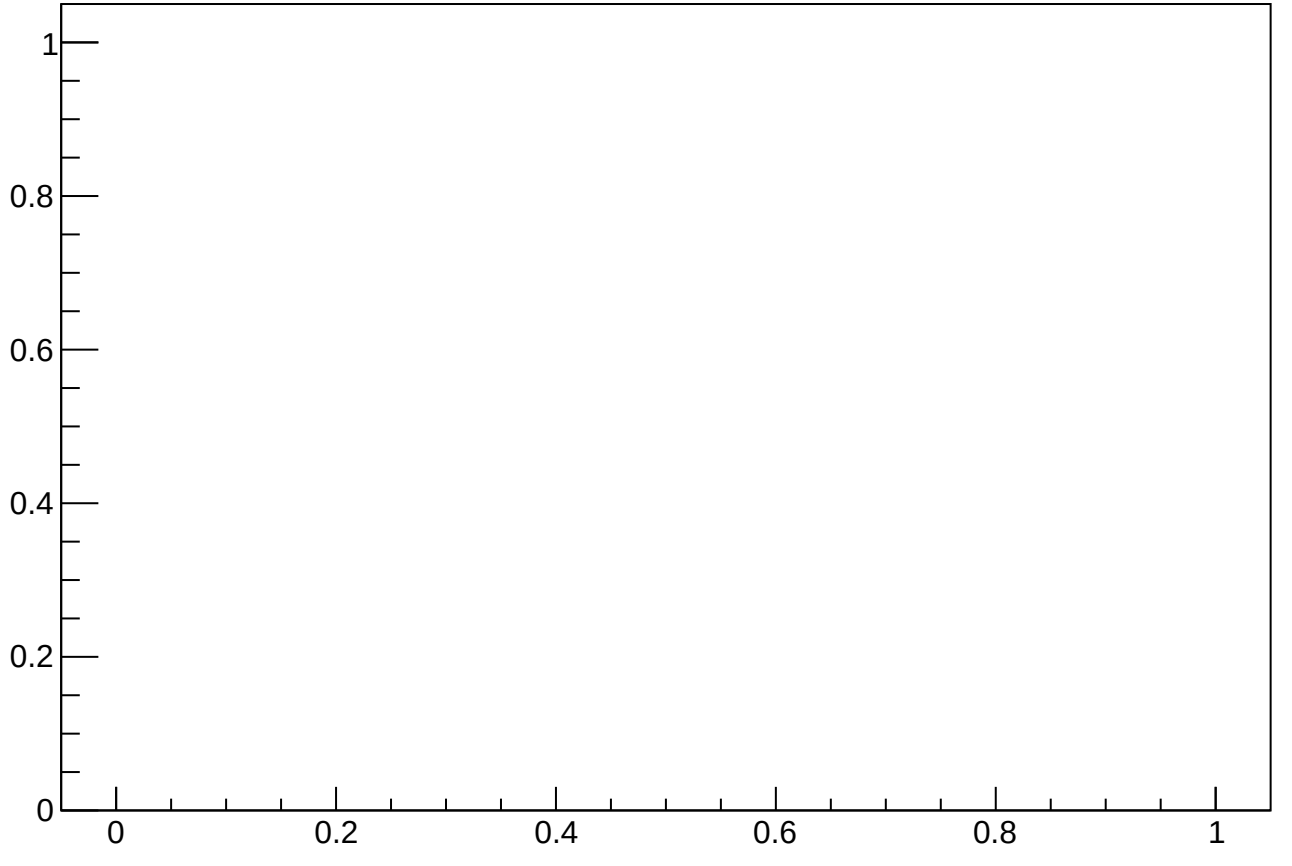
dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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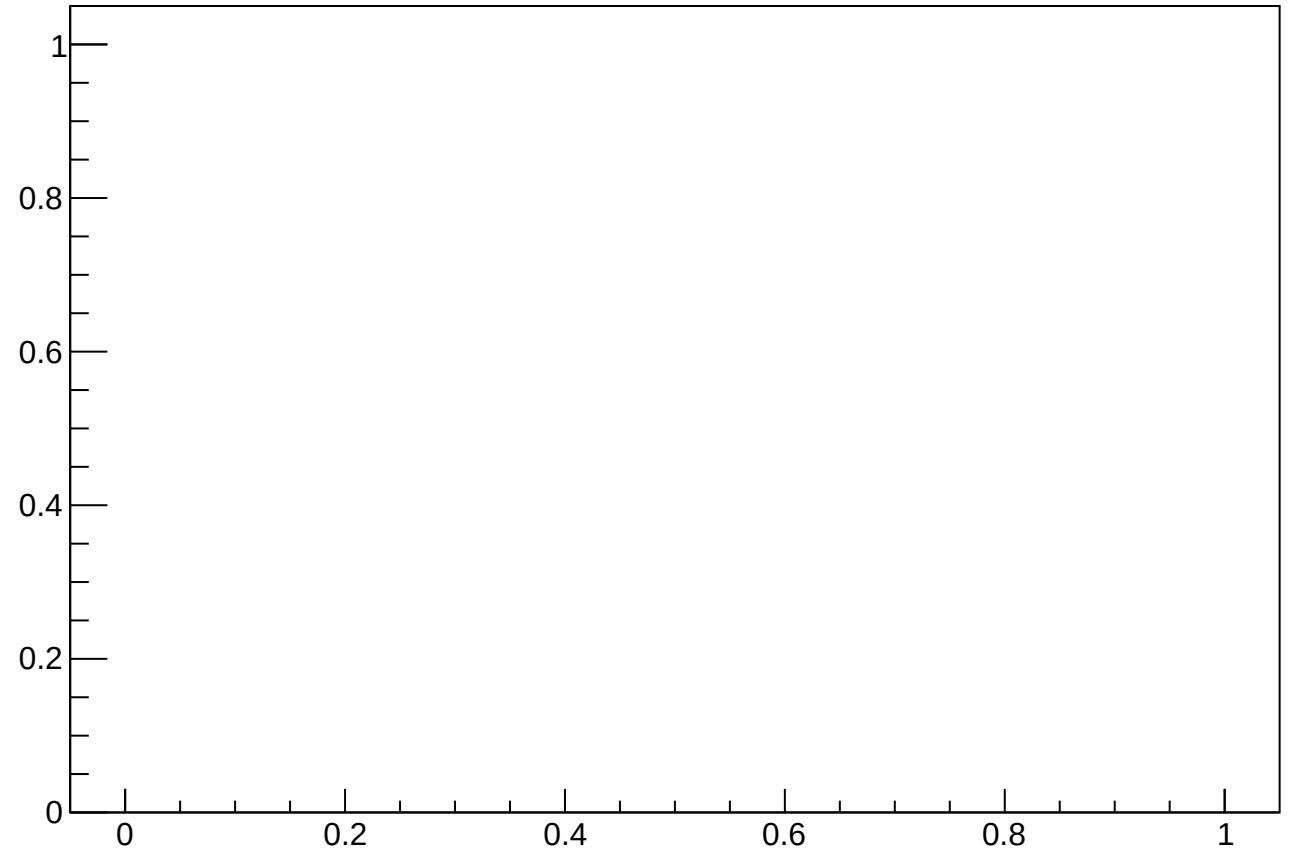

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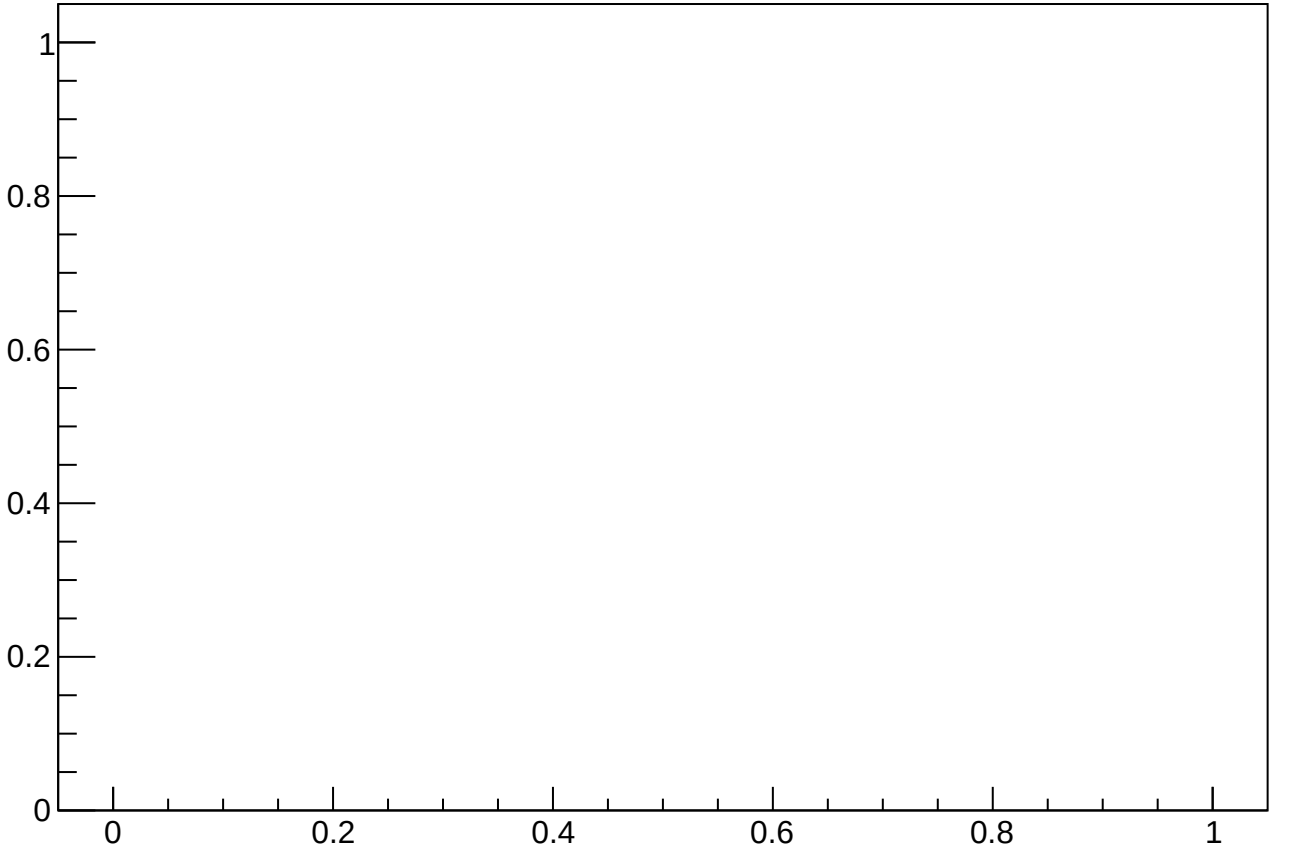
dit_4aX_coil5_mean vs Slug, Sign Corrected



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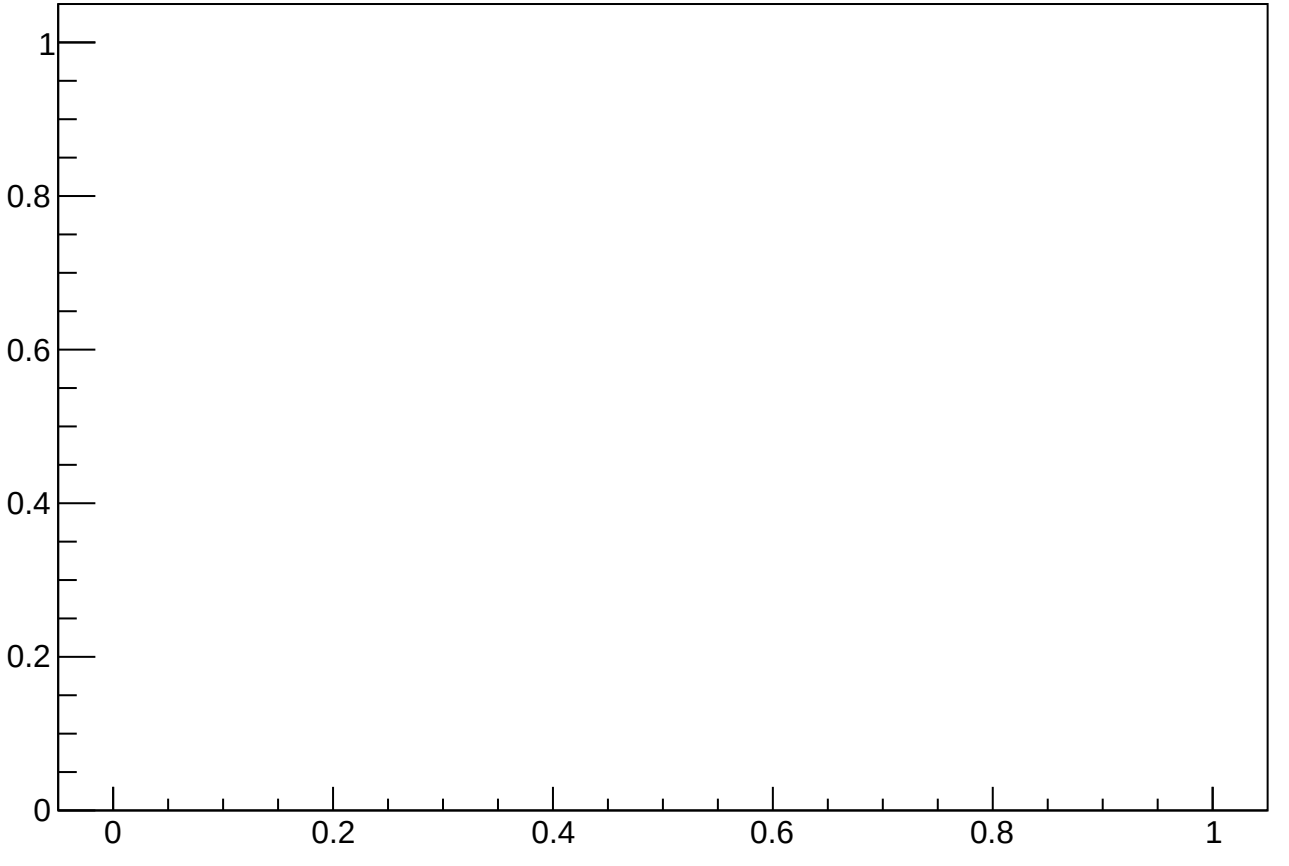
dit_4aX_coil5_err_mean vs Slug, Sign Corrected



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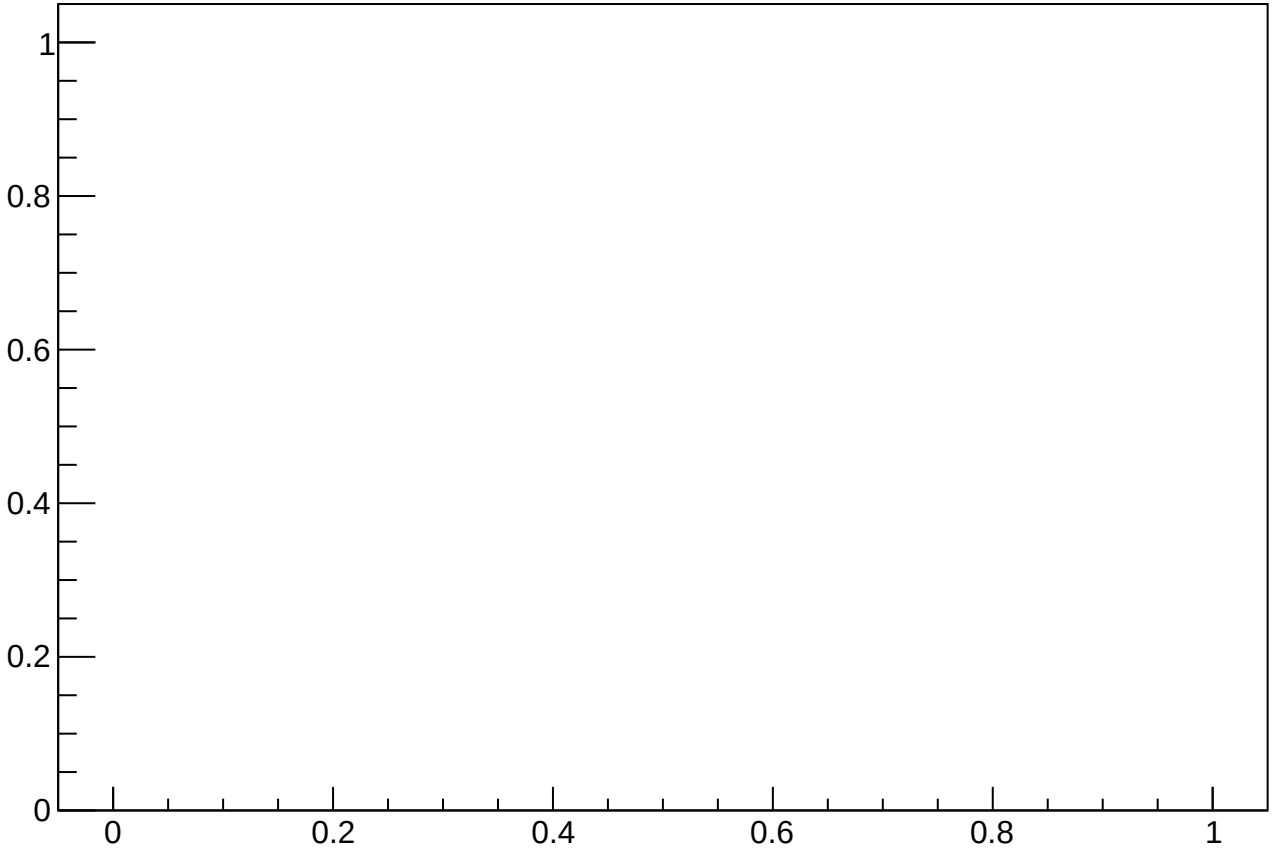
dit_4aX_coil5_Ndata_mean vs Slug, Sign Corrected



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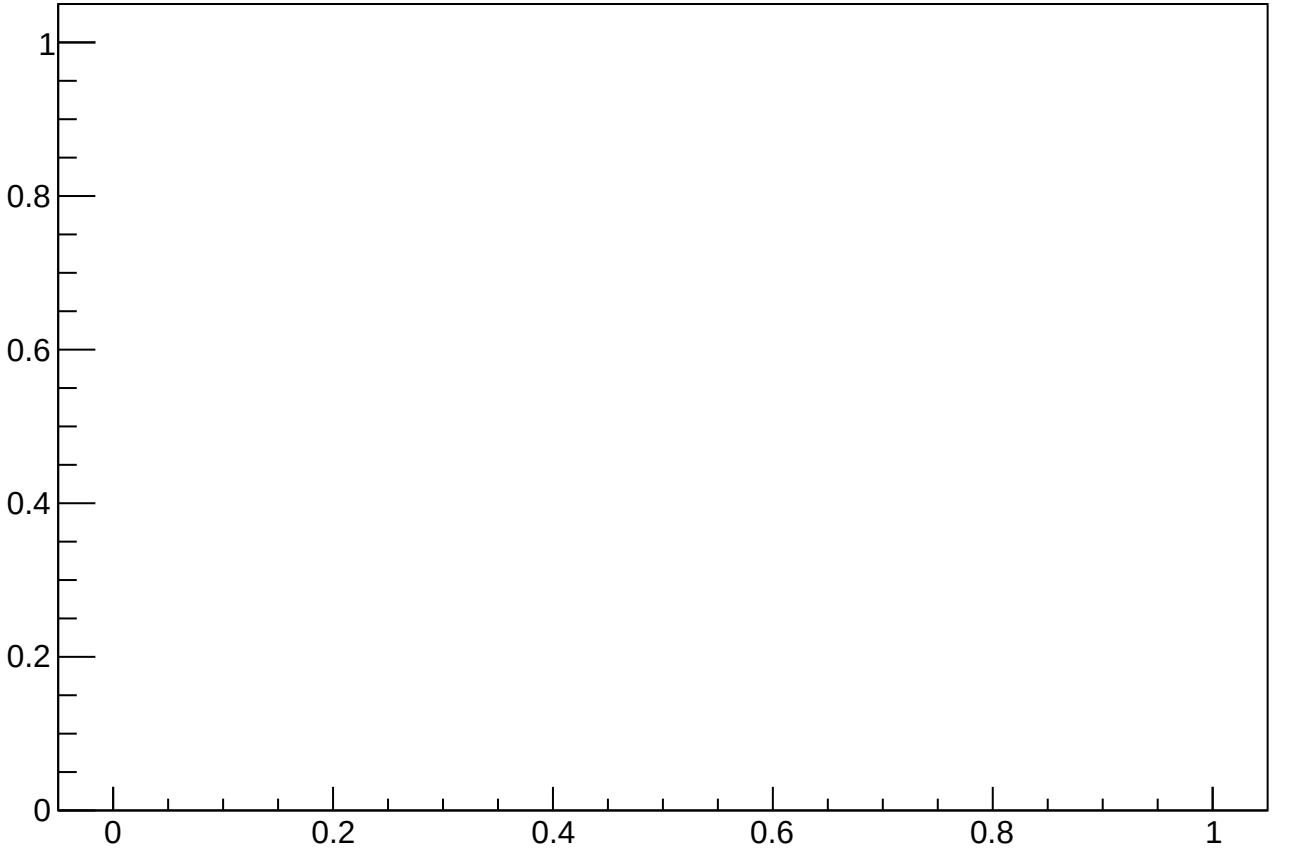
dit_4eX_coil5_mean vs Slug, Sign Corrected



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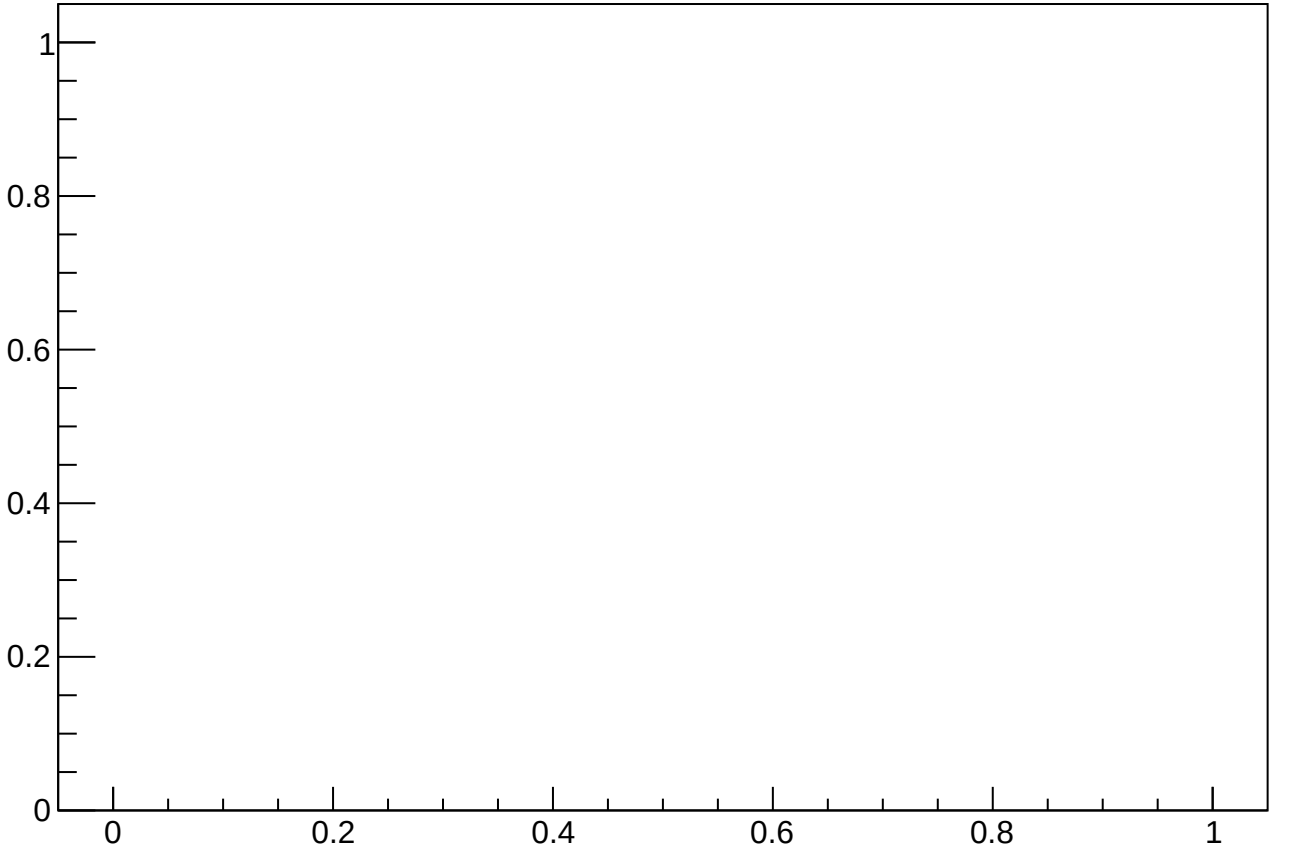
dit_4eX_coil5_err_mean vs Slug, Sign Corrected



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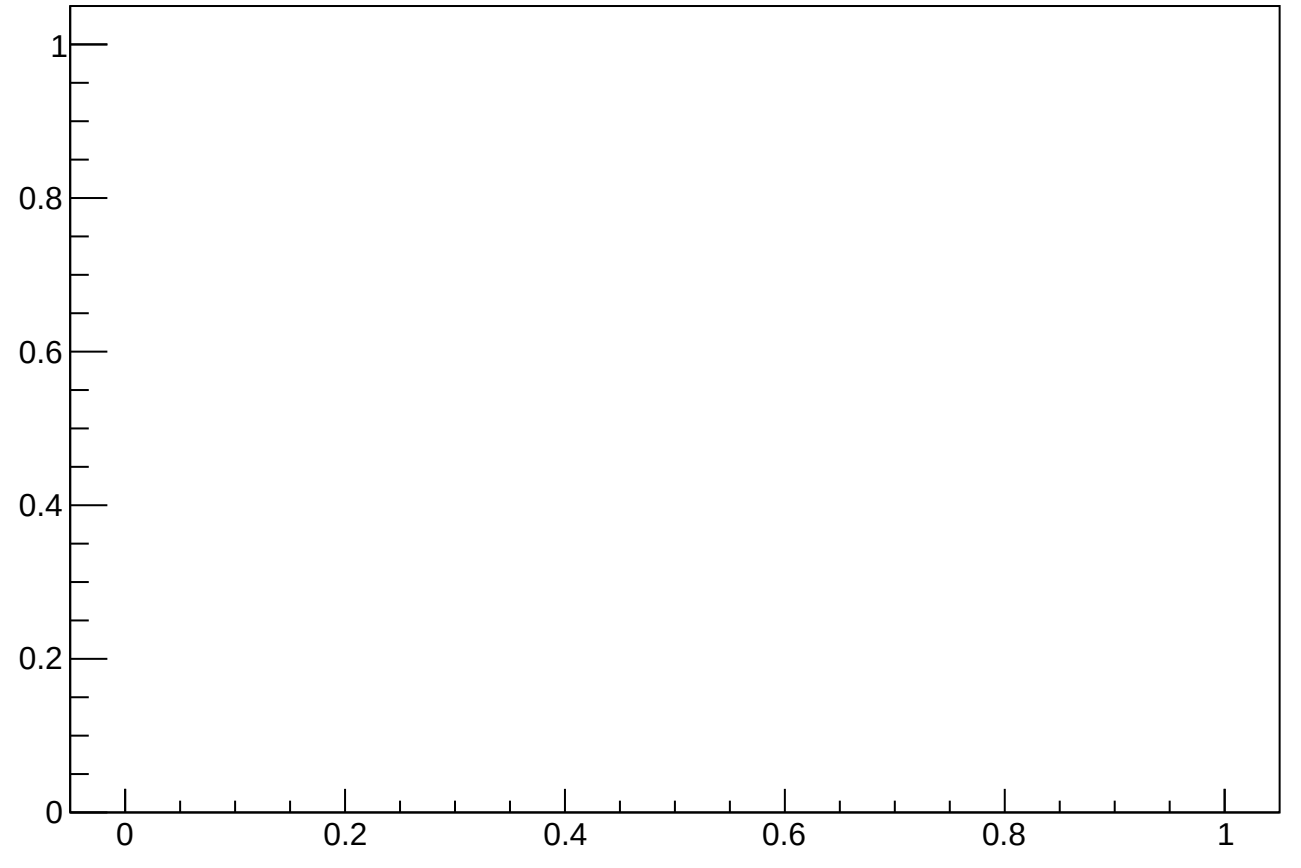

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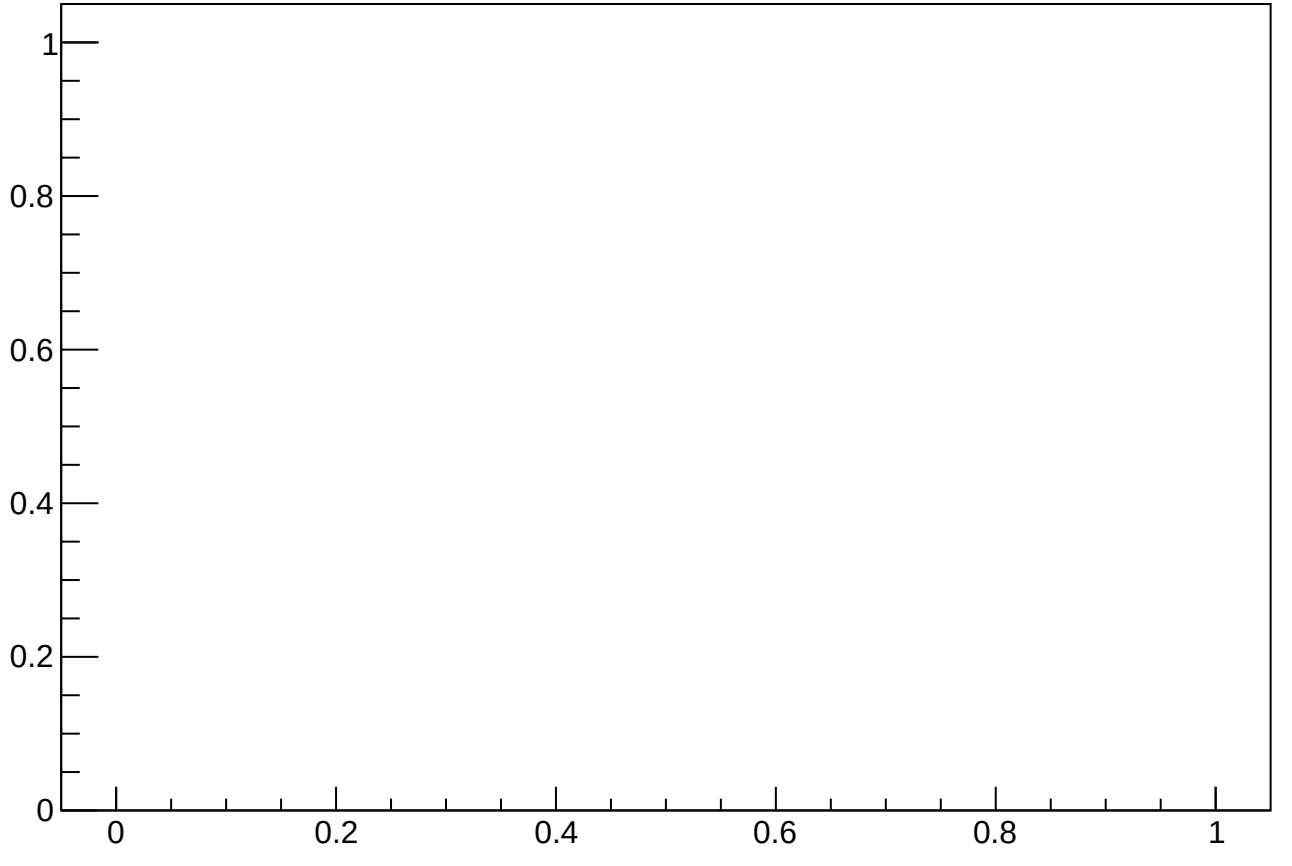
dit_11X12X_coil5_mean vs Slug, Sign Corrected



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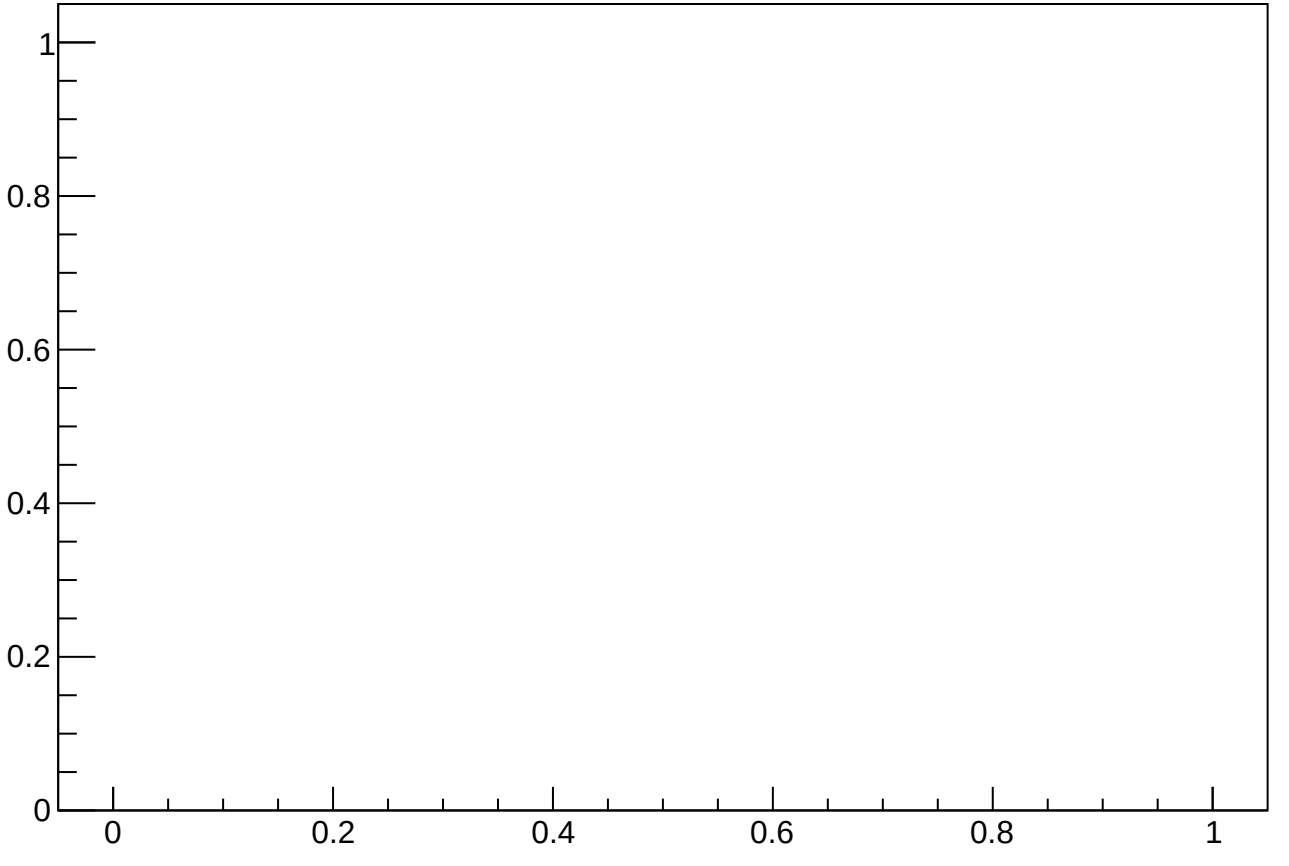
dit_11X12X_coil5_err_mean vs Slug, Sign Corrected



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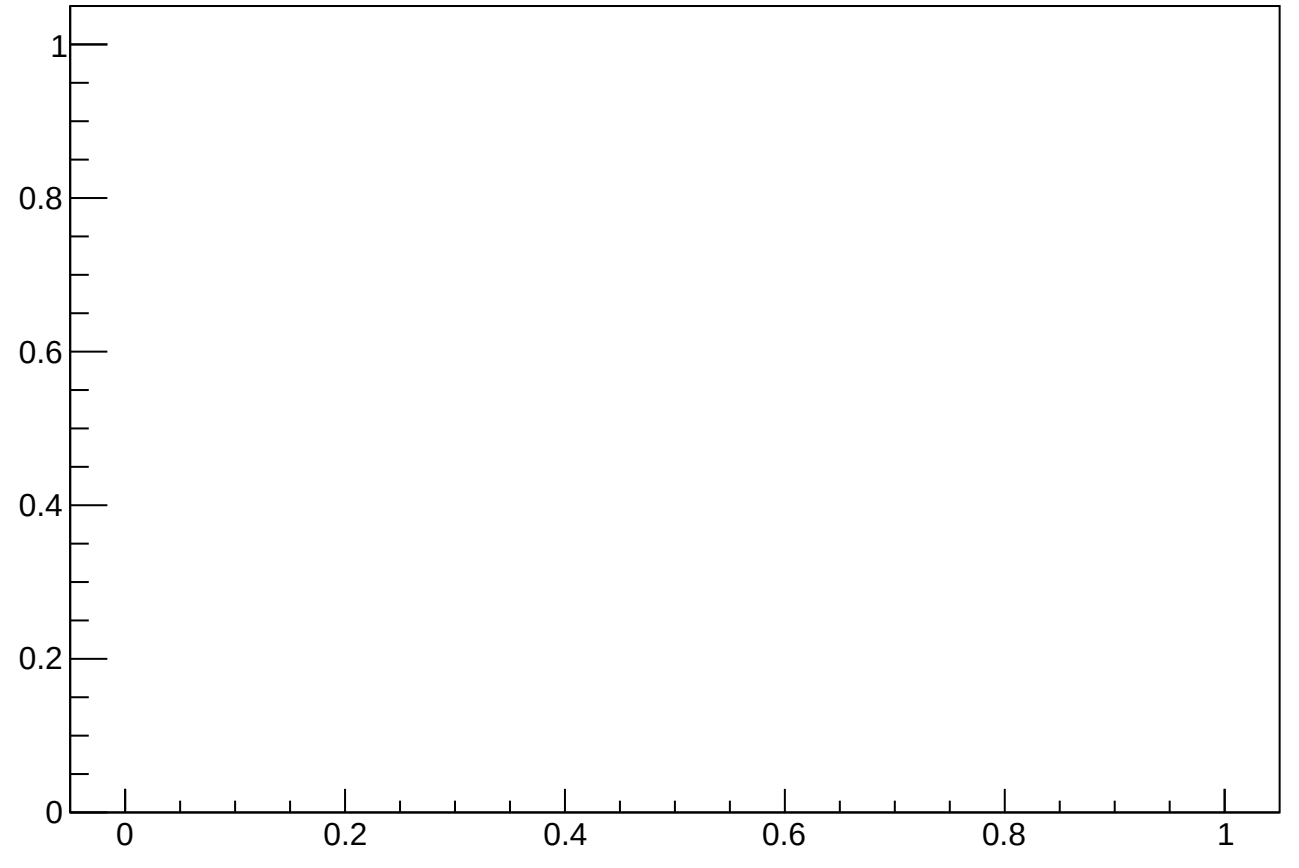

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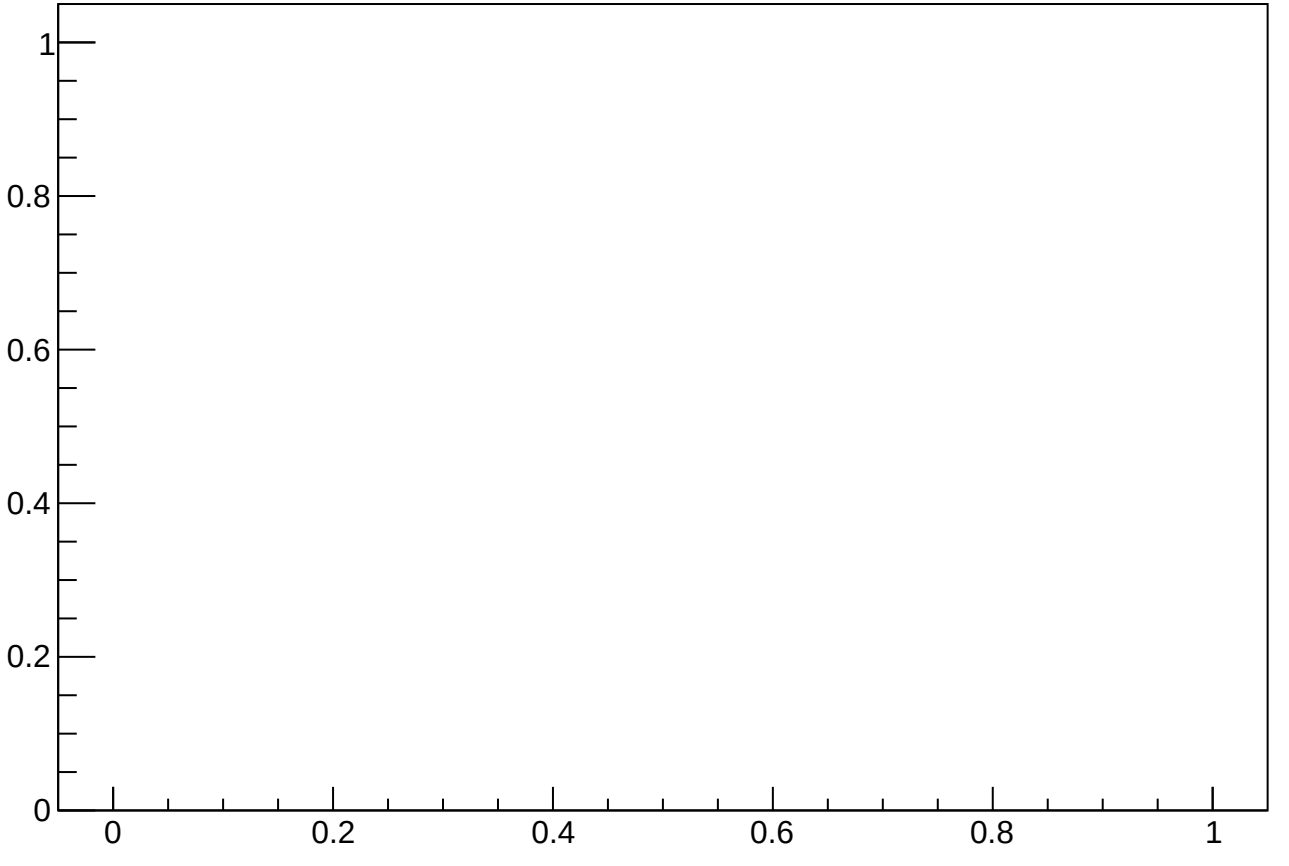
dit_4aY_coil5_mean vs Slug, Sign Corrected



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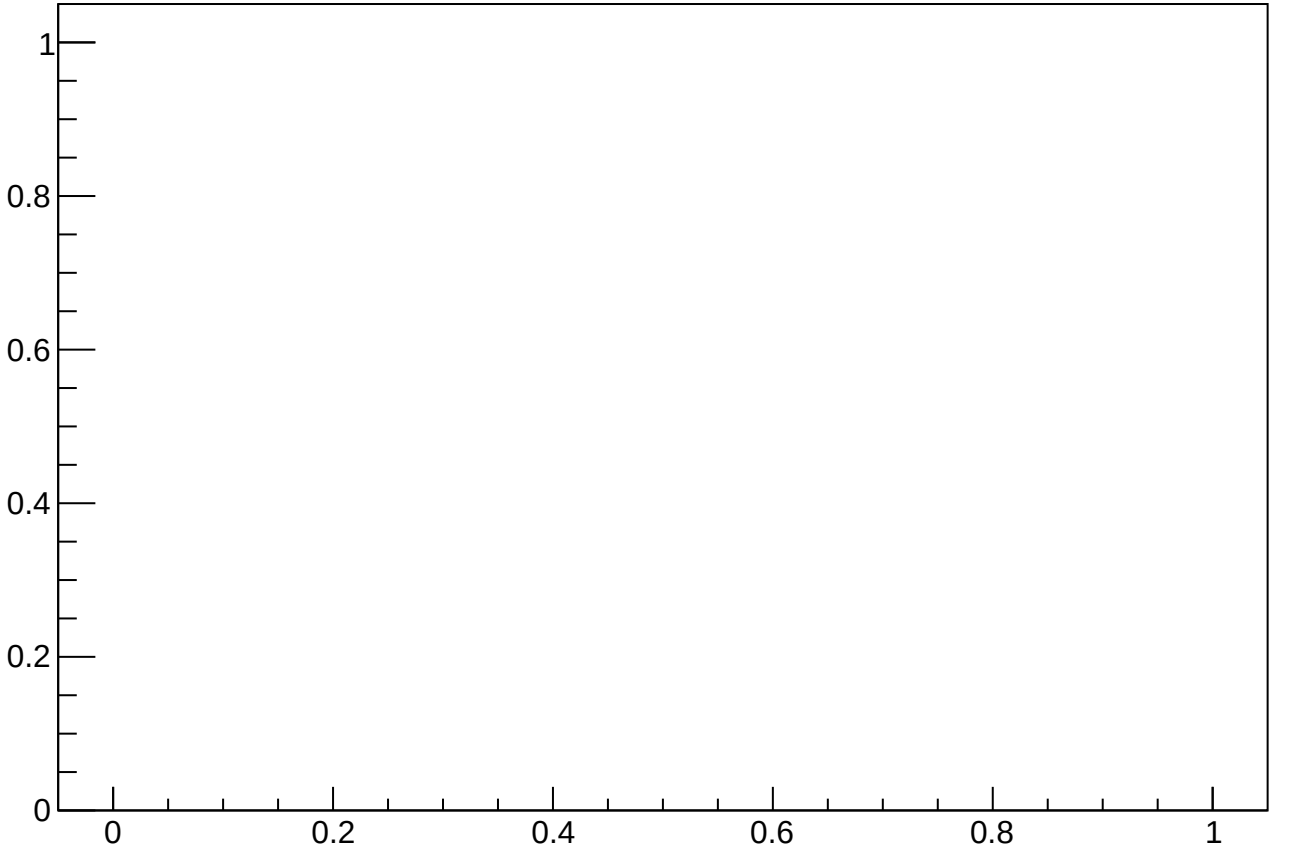
dit_4aY_coil5_err_mean vs Slug, Sign Corrected



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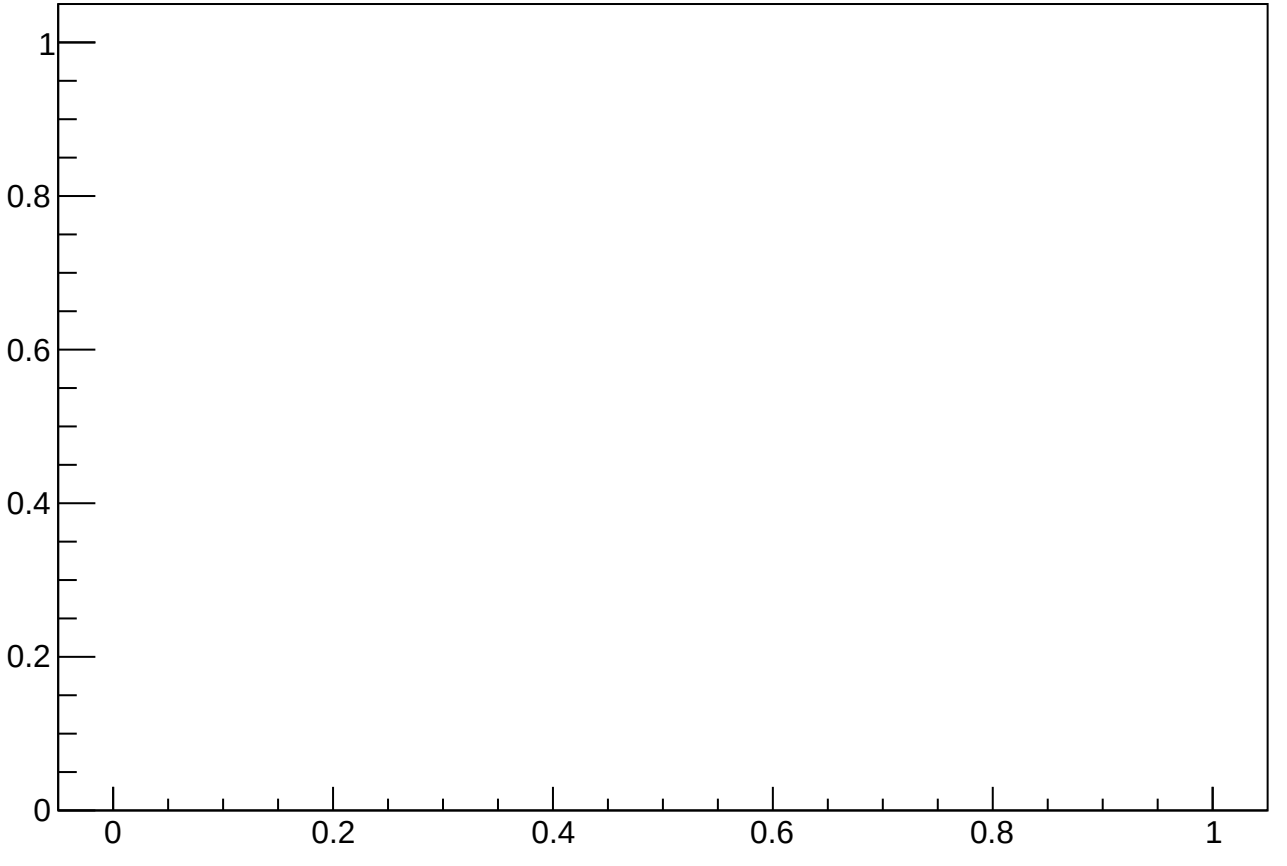
dit_4aY_coil5_Ndata_mean vs Slug, Sign Corrected



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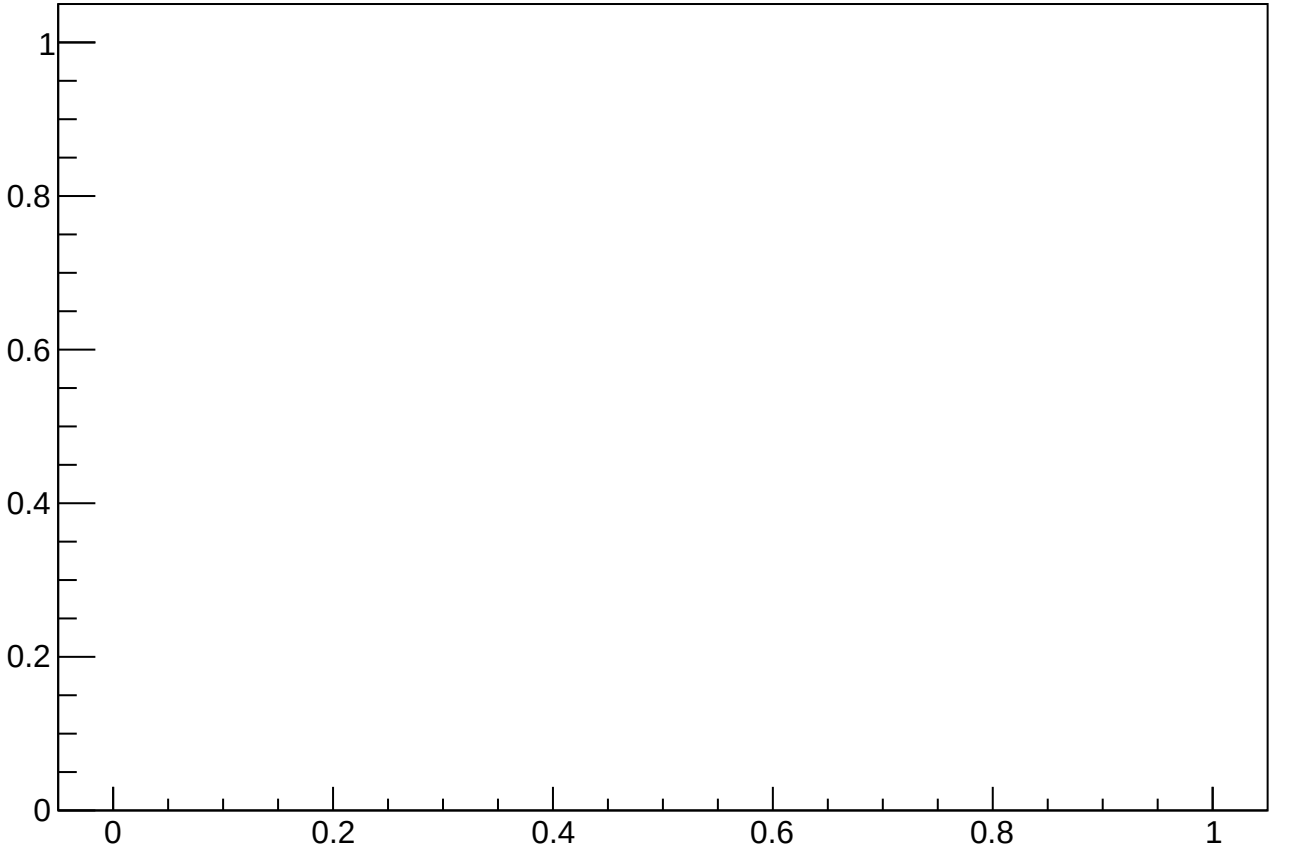
dit_4eY_coil5_mean vs Slug, Sign Corrected



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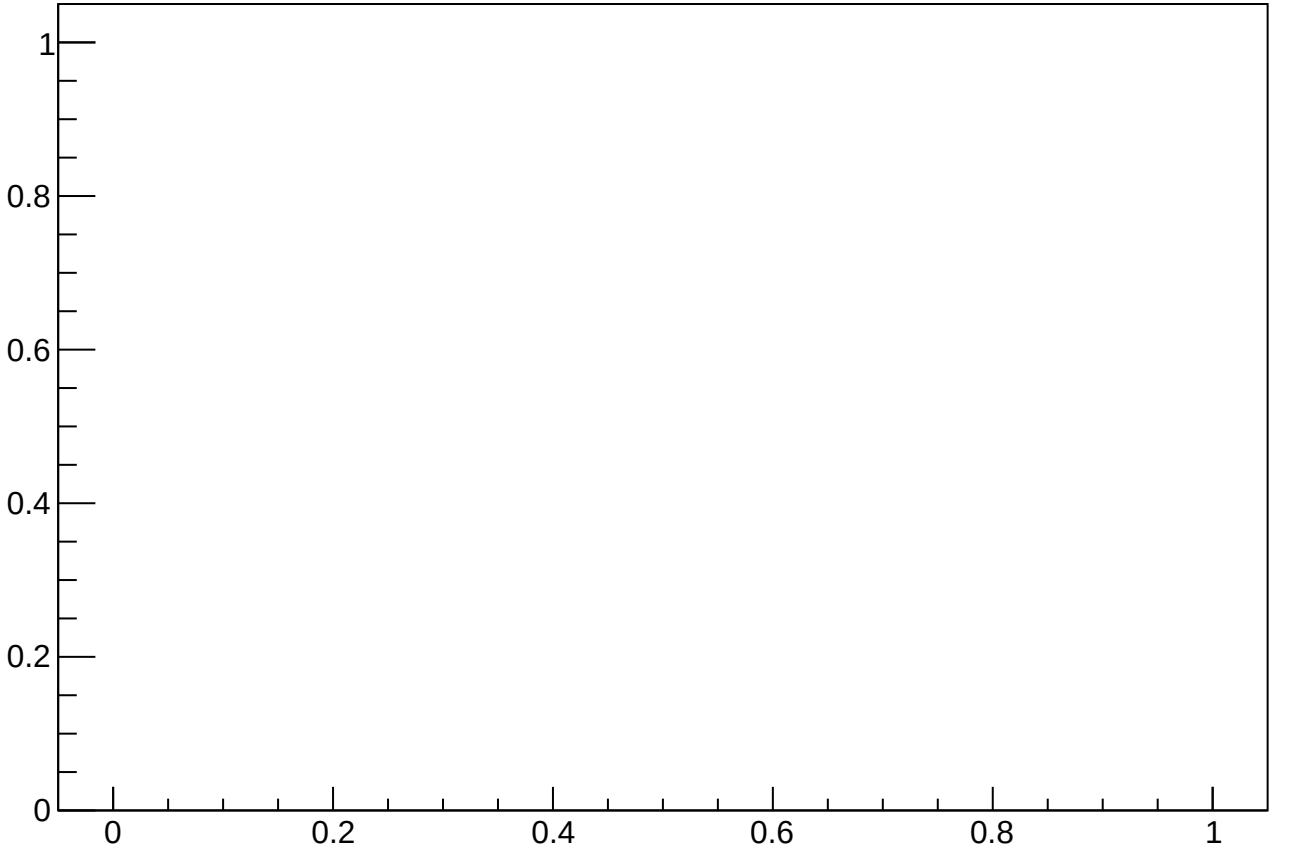
dit_4eY_coil5_err_mean vs Slug, Sign Corrected



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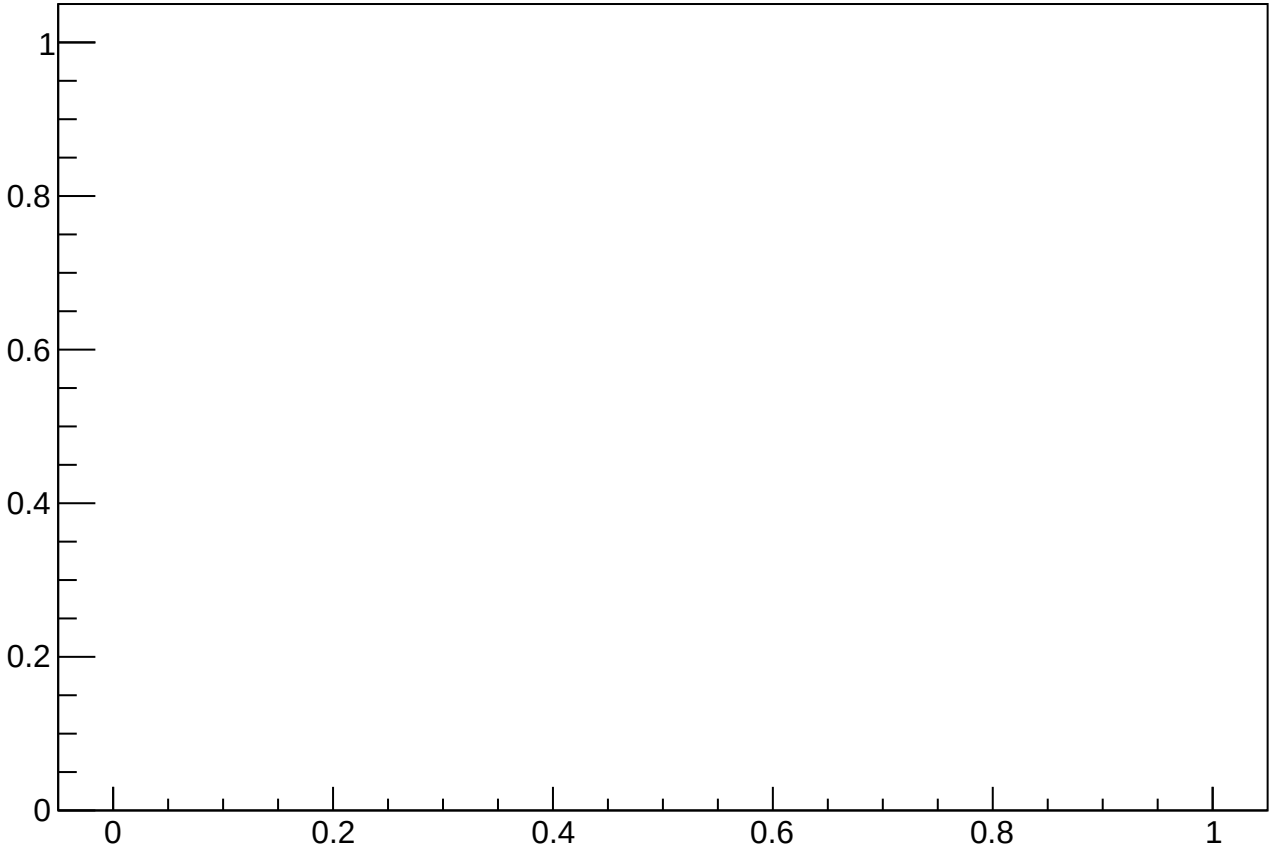
dit_4eY_coil5_Ndata_mean vs Slug, Sign Corrected



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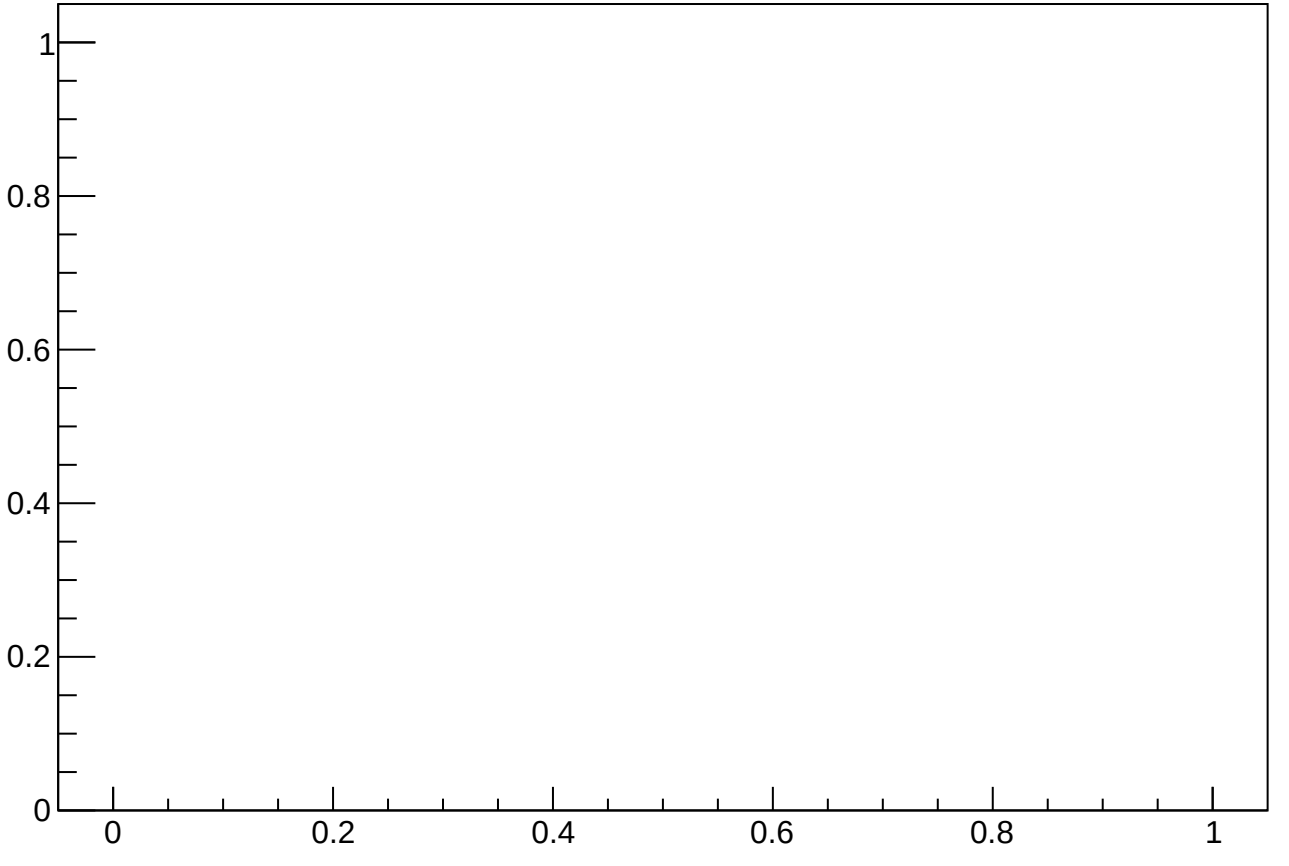
dit_usl_coil5_mean vs Slug, Sign Corrected



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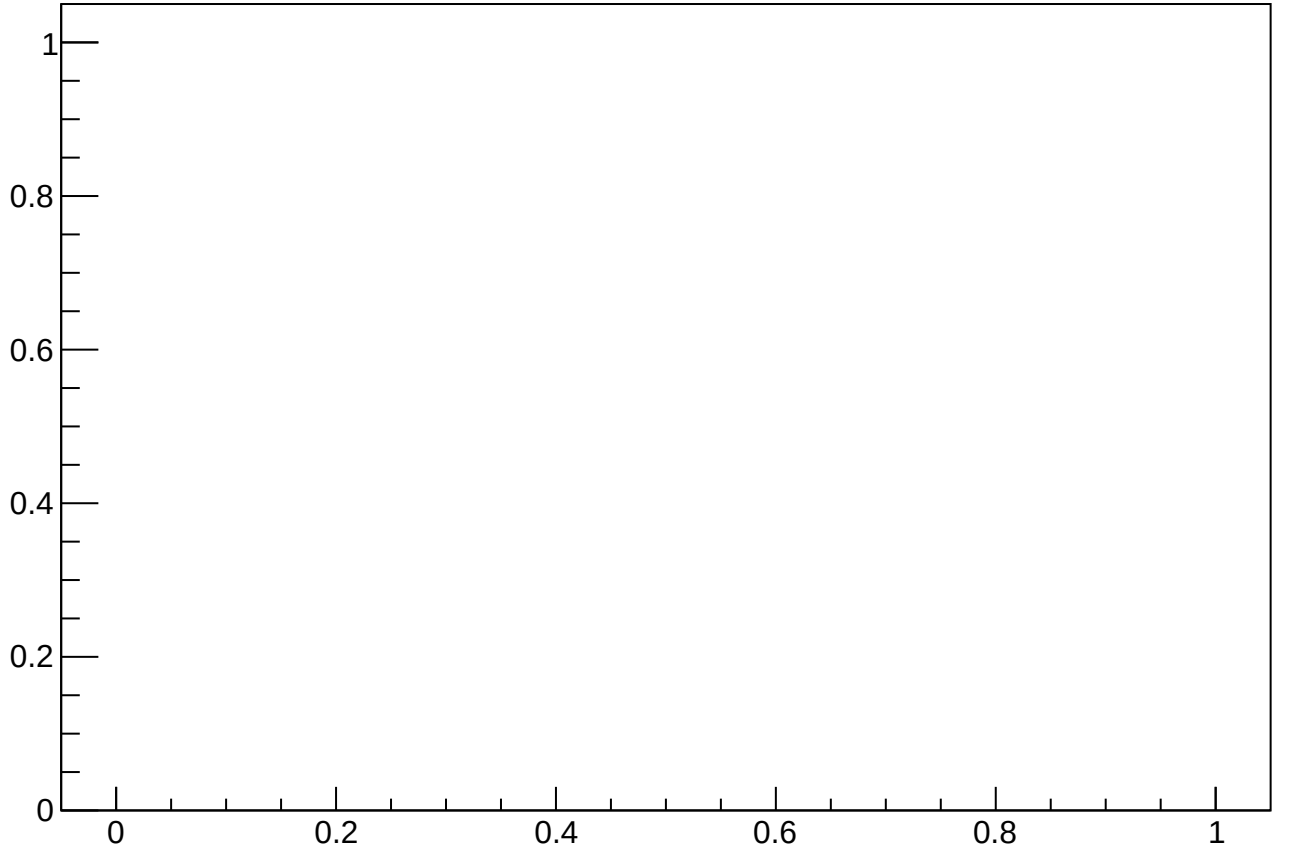
dit_usl_coil5_err_mean vs Slug, Sign Corrected



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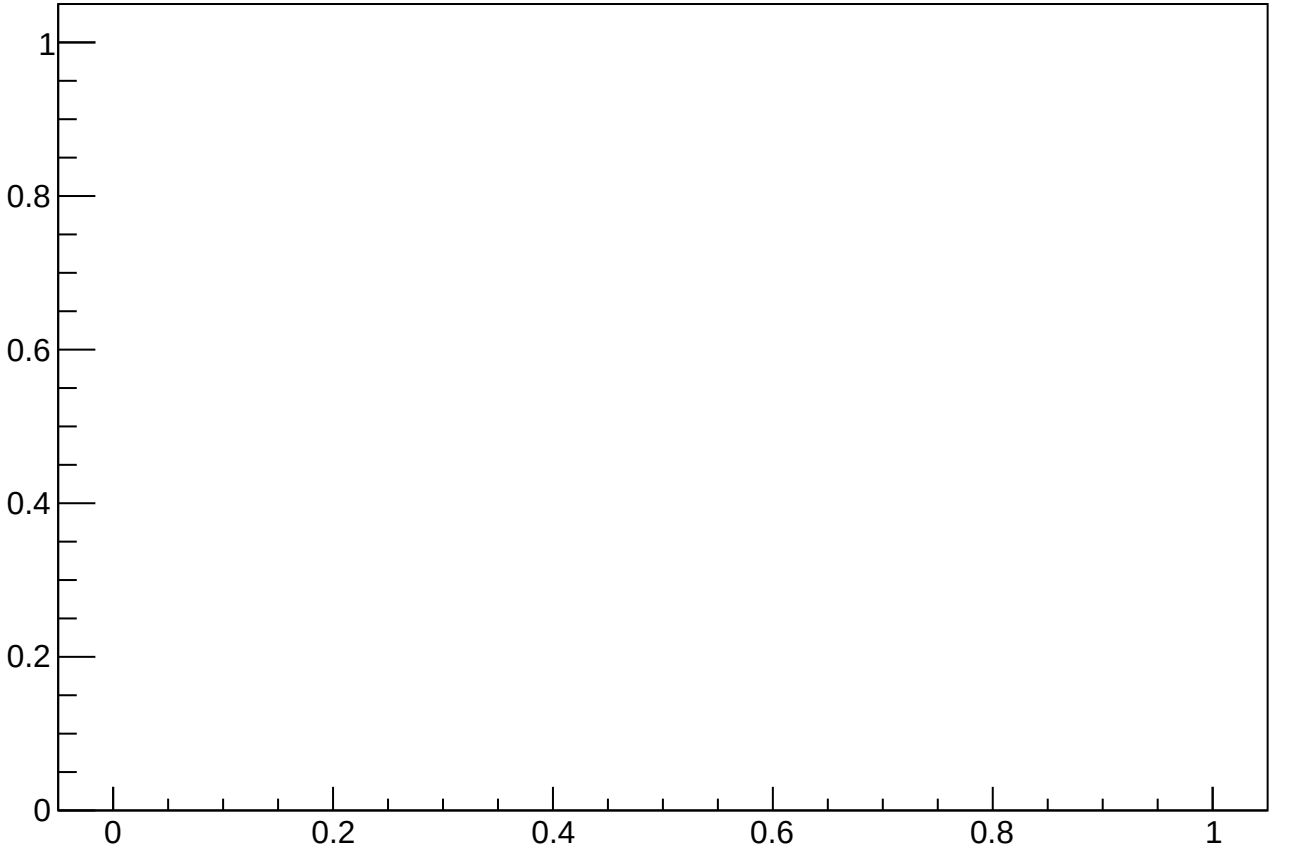
dit_usl_coil5_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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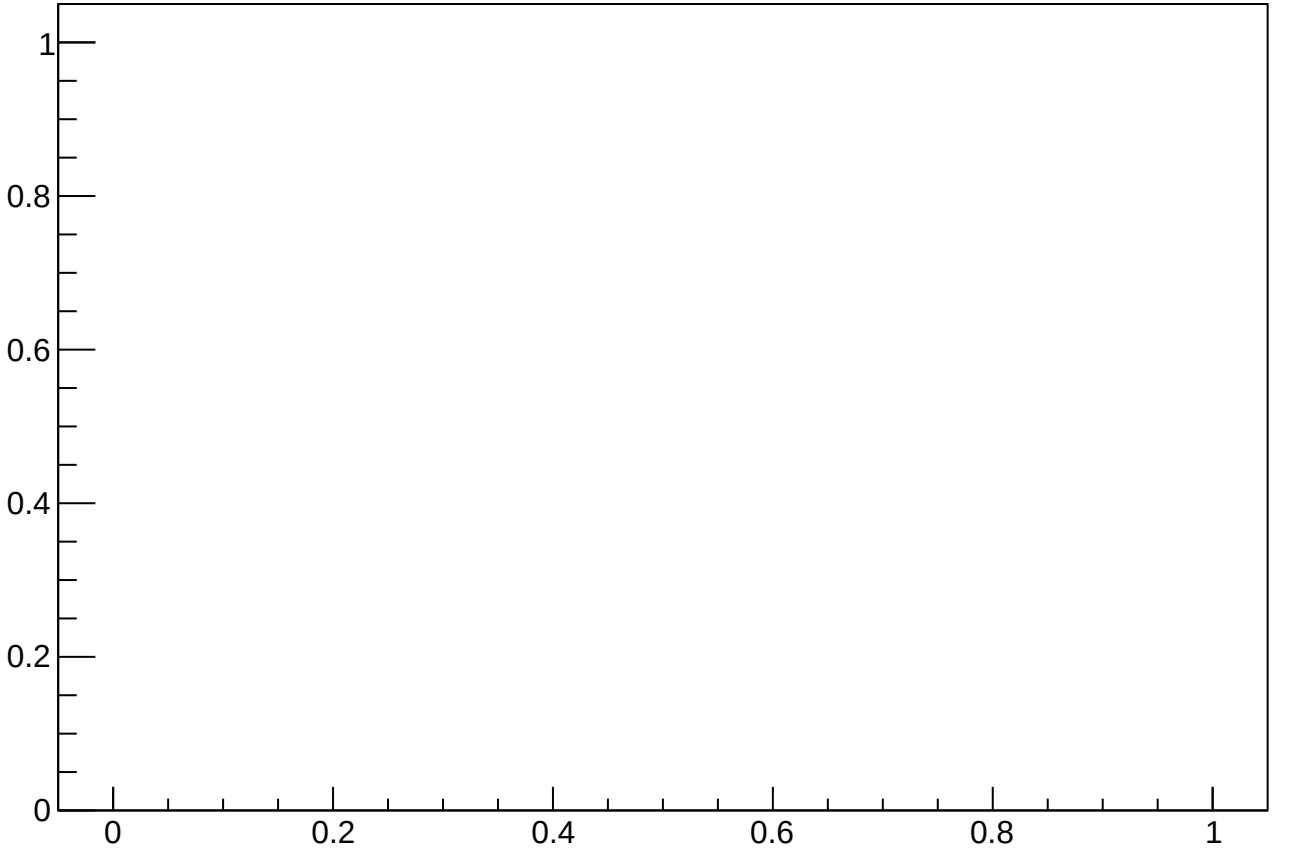
dit_usr_coil5_mean vs Slug, Sign Corrected



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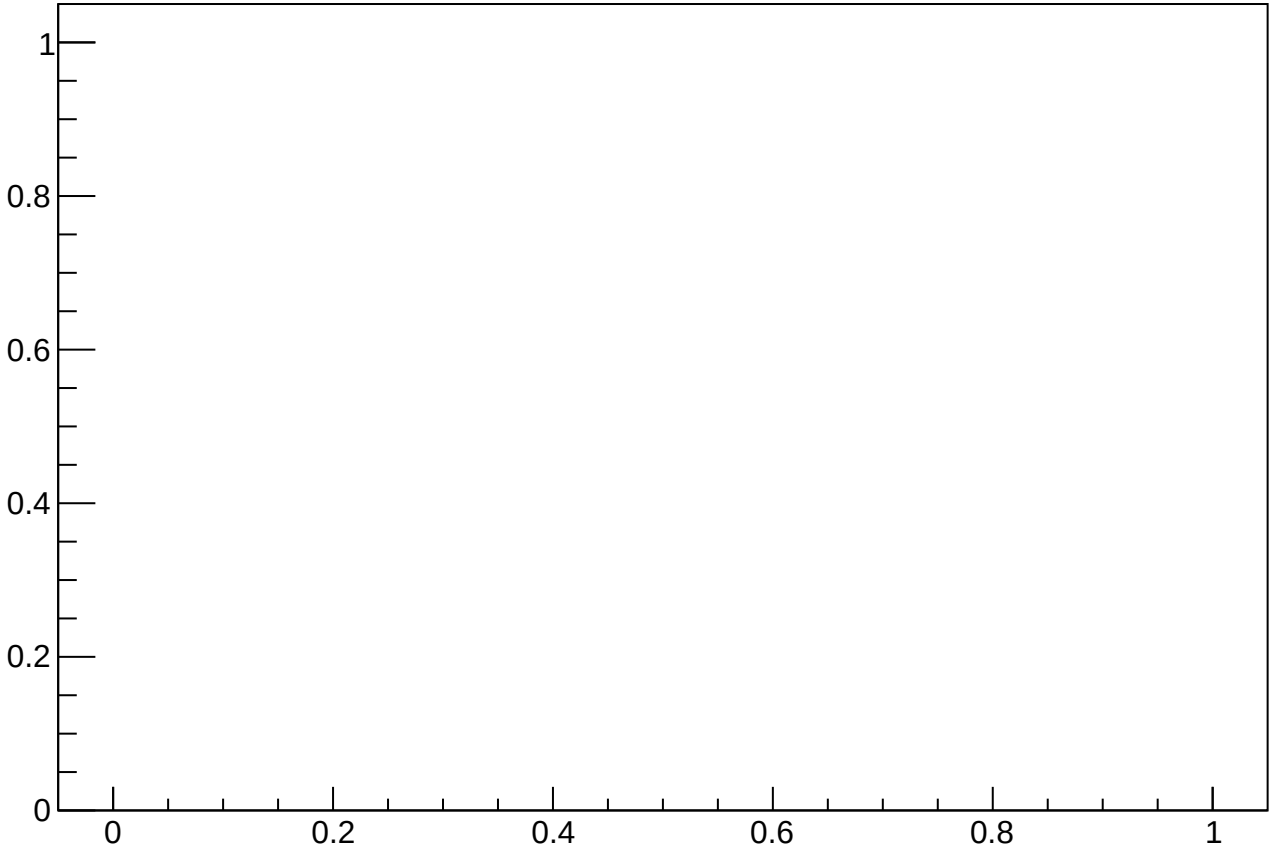
dit_usr_coil5_err_mean vs Slug, Sign Corrected



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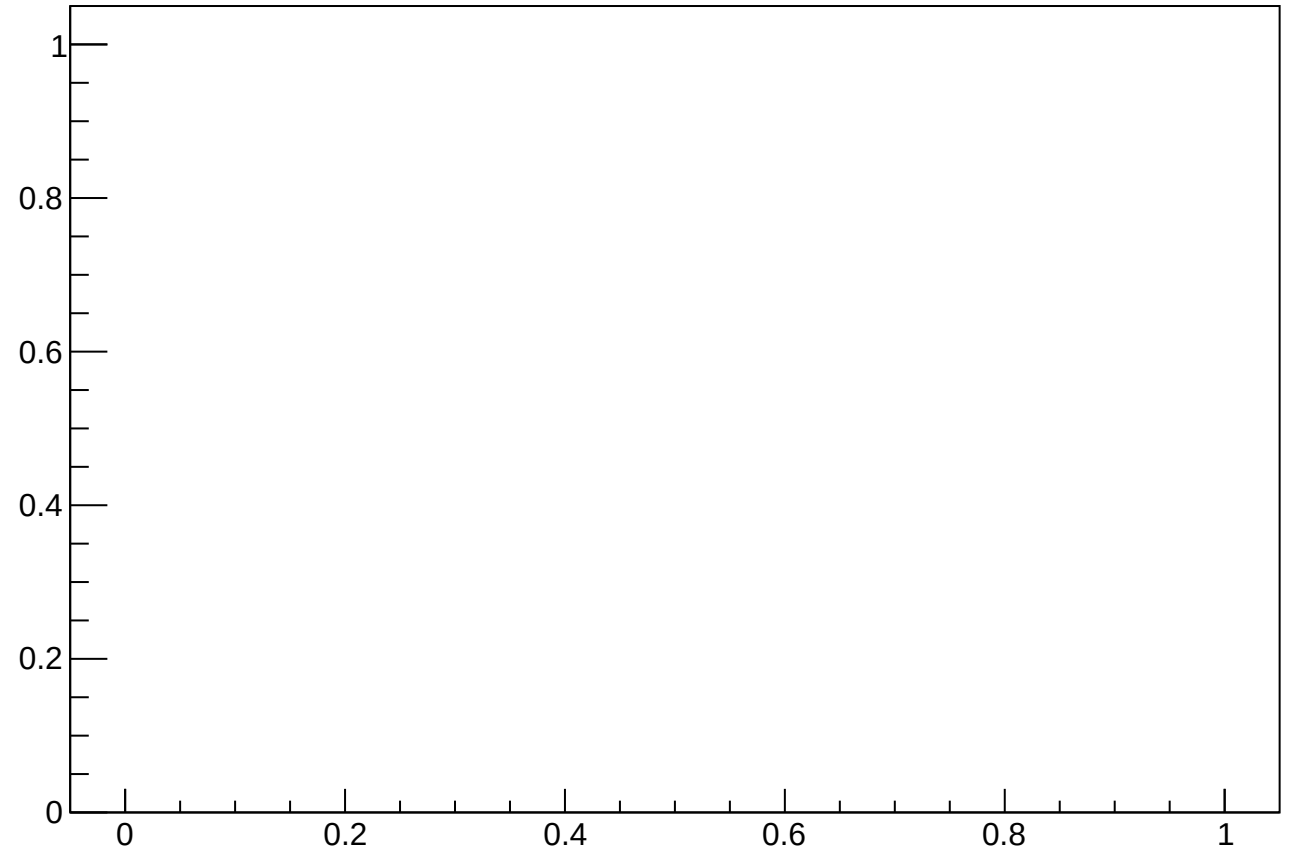

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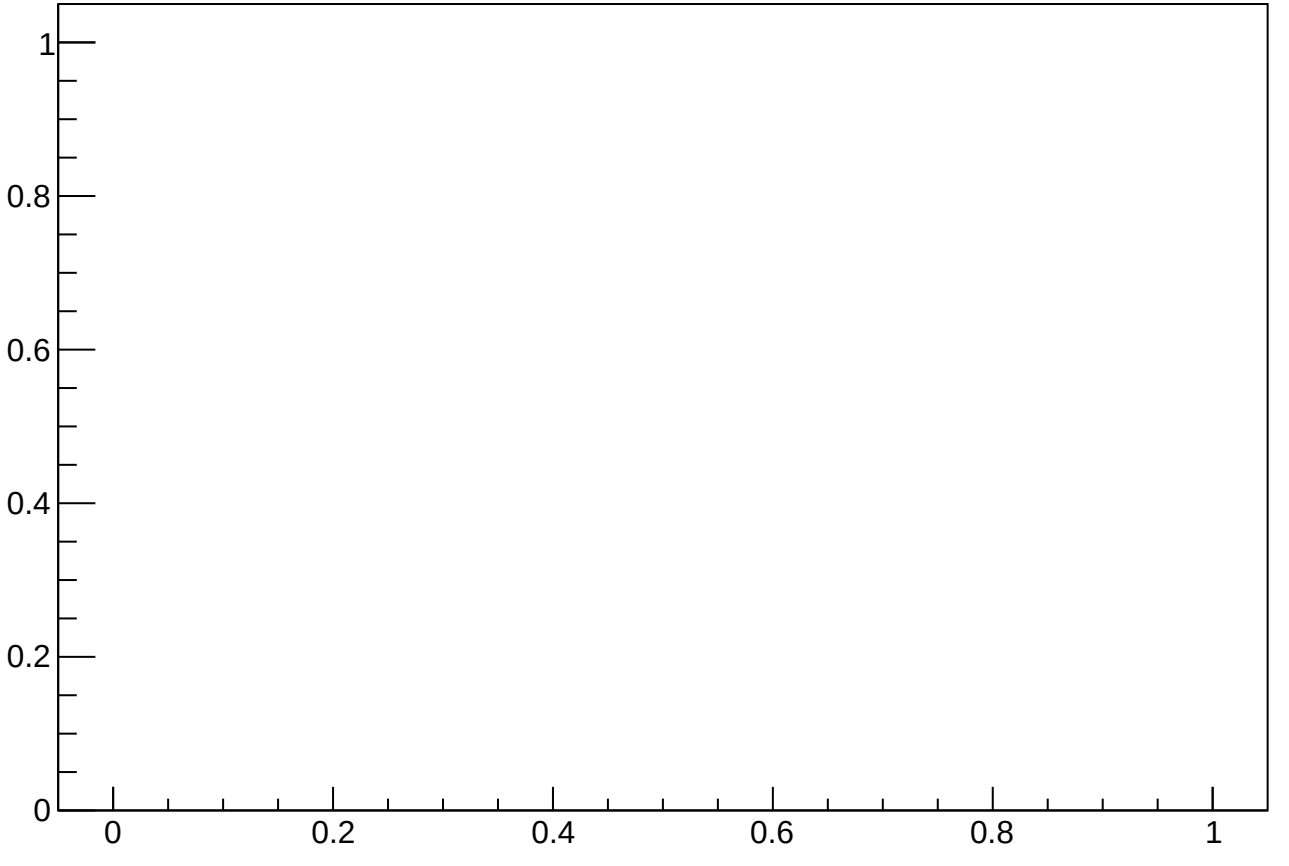
dit_atl1_coil5_mean vs Slug, Sign Corrected



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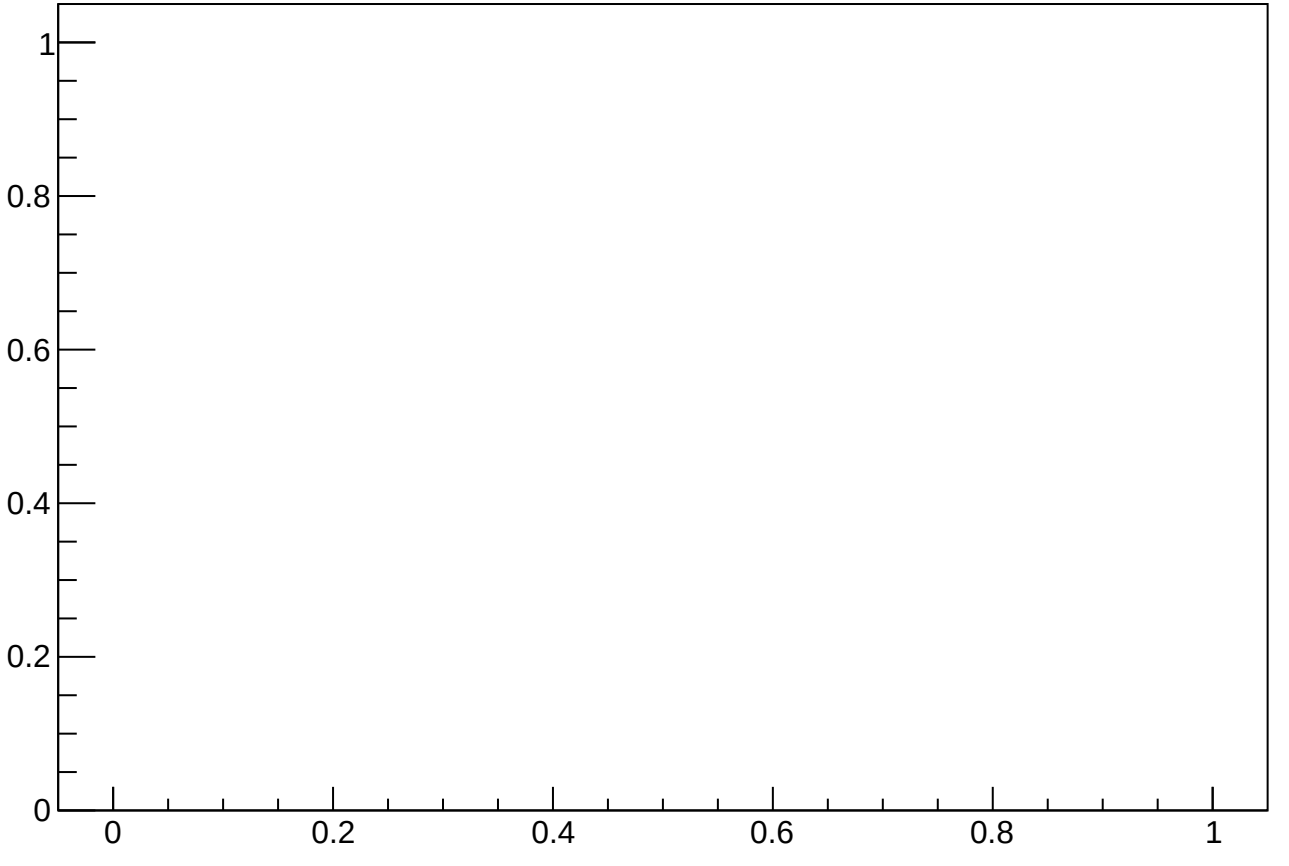
dit_atl1_coil5_err_mean vs Slug, Sign Corrected



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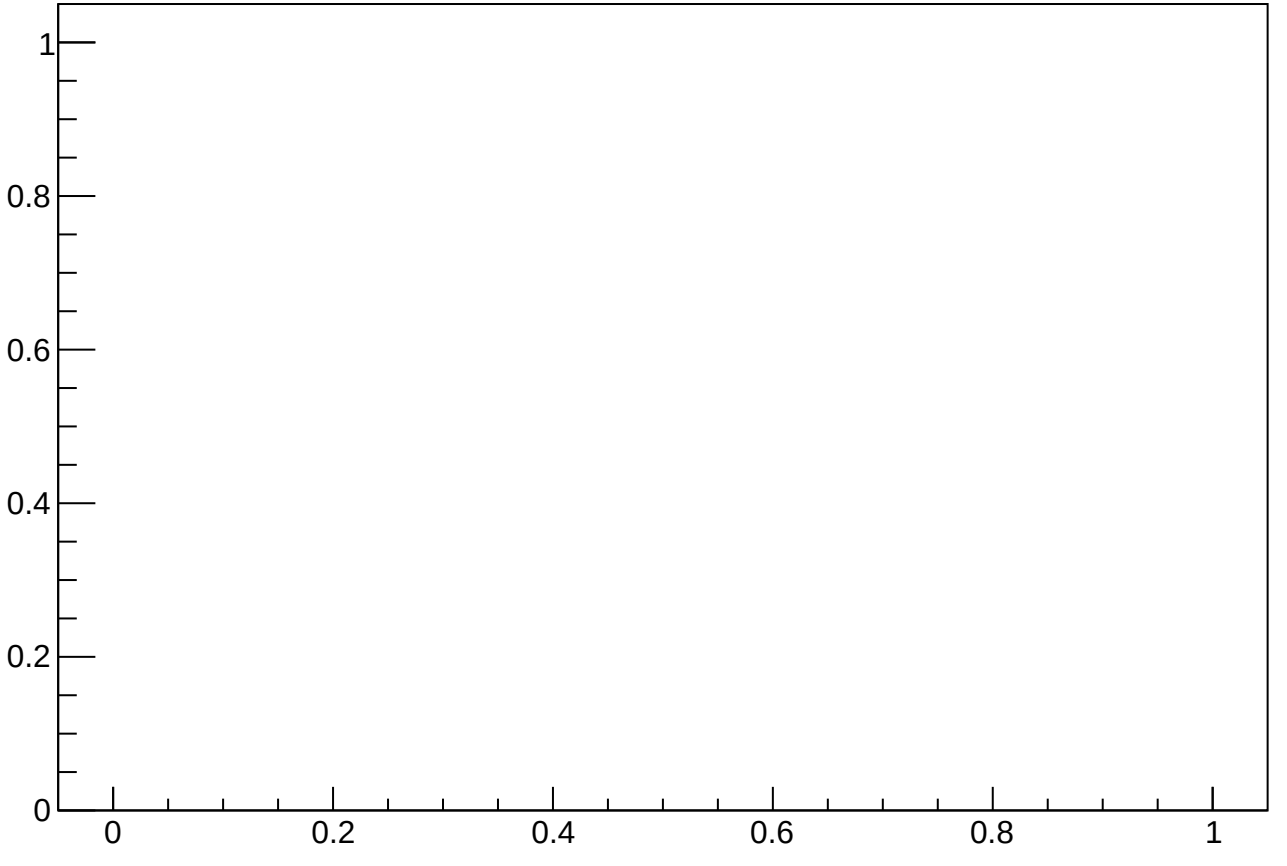
dit_atl1_coil5_Ndata_mean vs Slug, Sign Corrected



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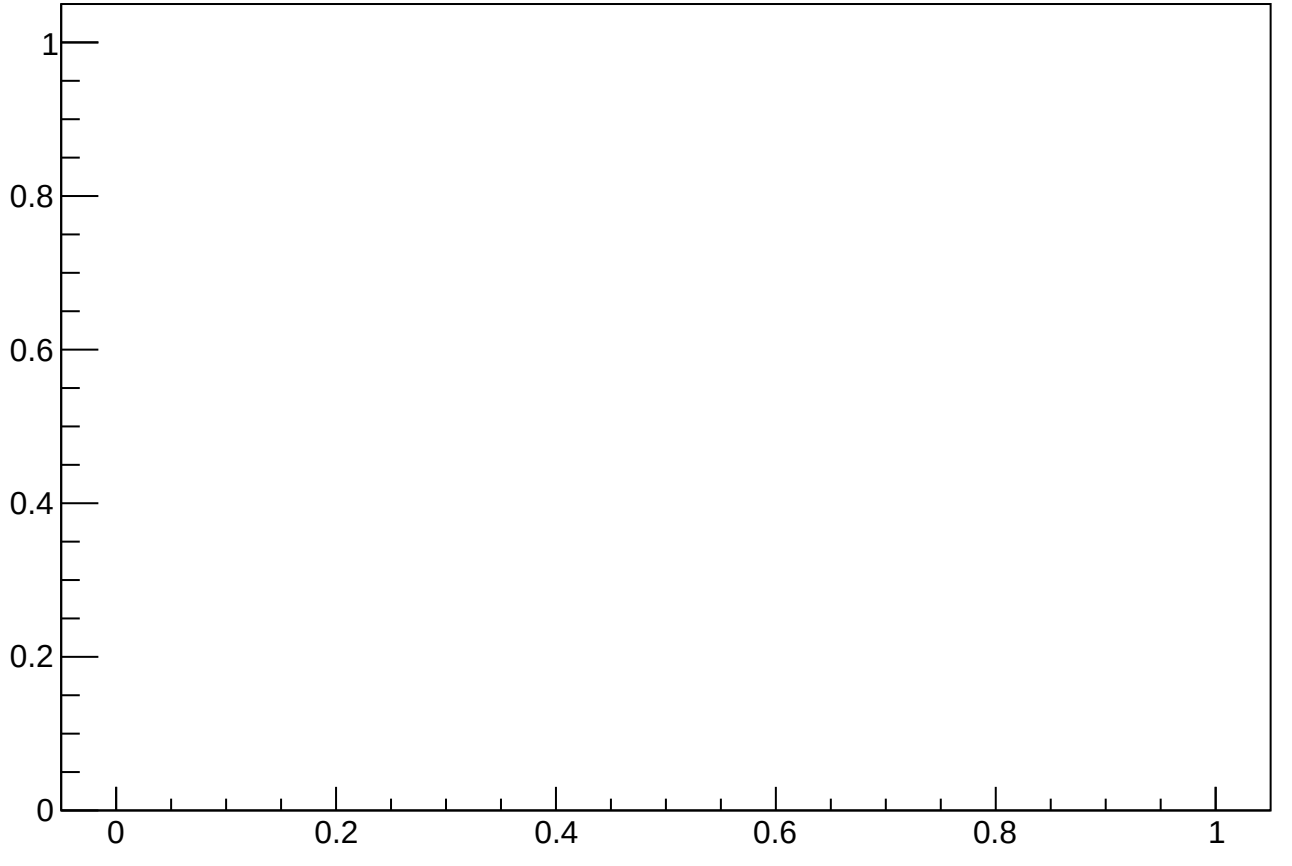
dit_atl2_coil5_mean vs Slug, Sign Corrected



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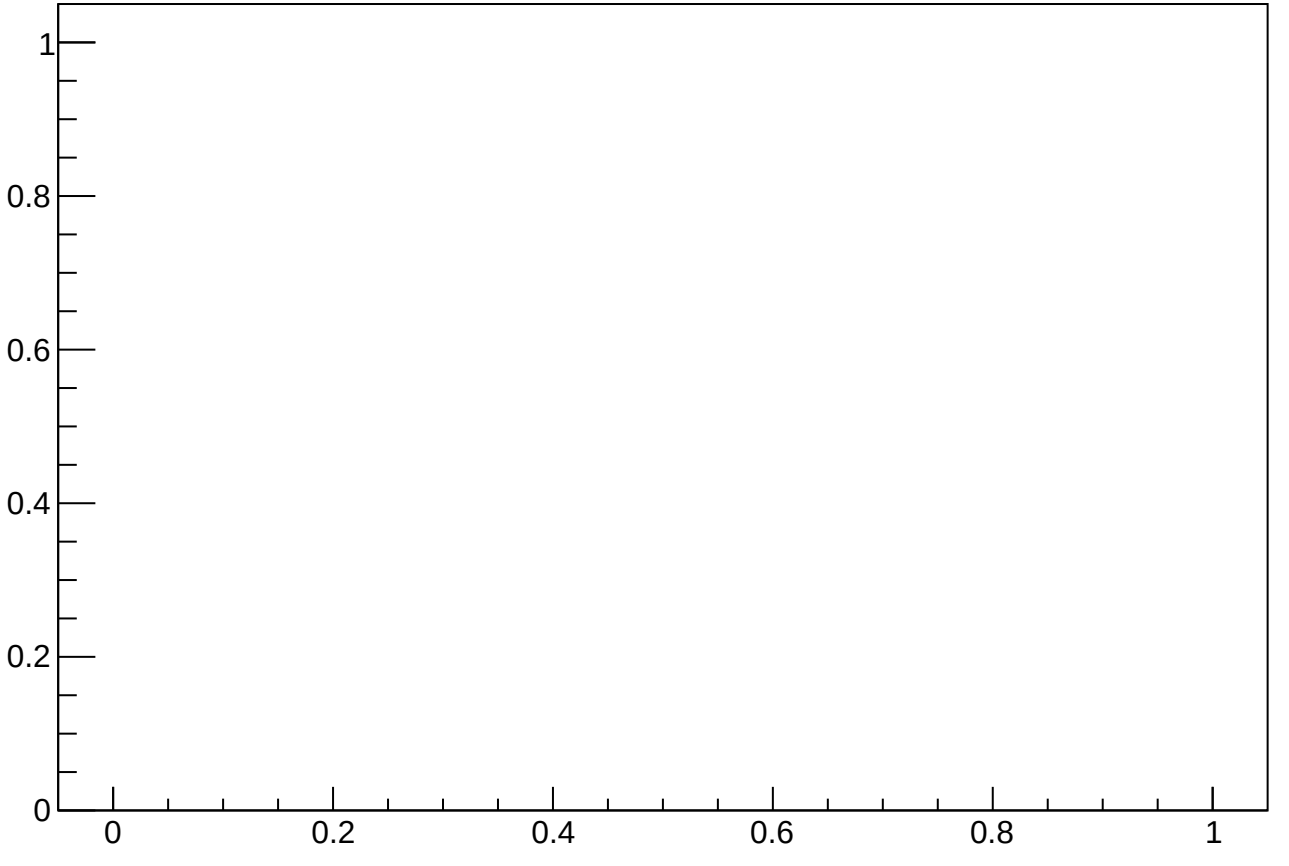
dit_atl2_coil5_err_mean vs Slug, Sign Corrected



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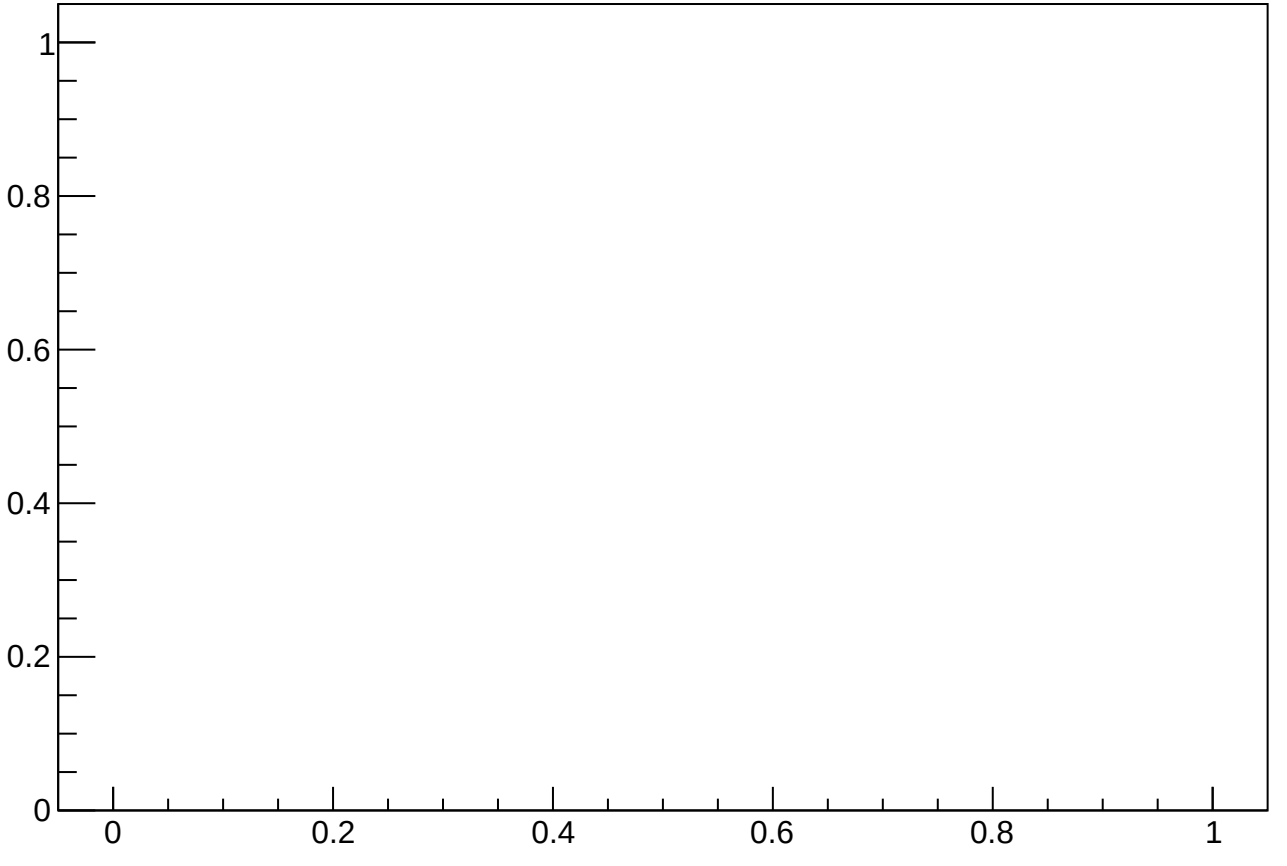
dit_atl2_coil5_Ndata_mean vs Slug, Sign Corrected



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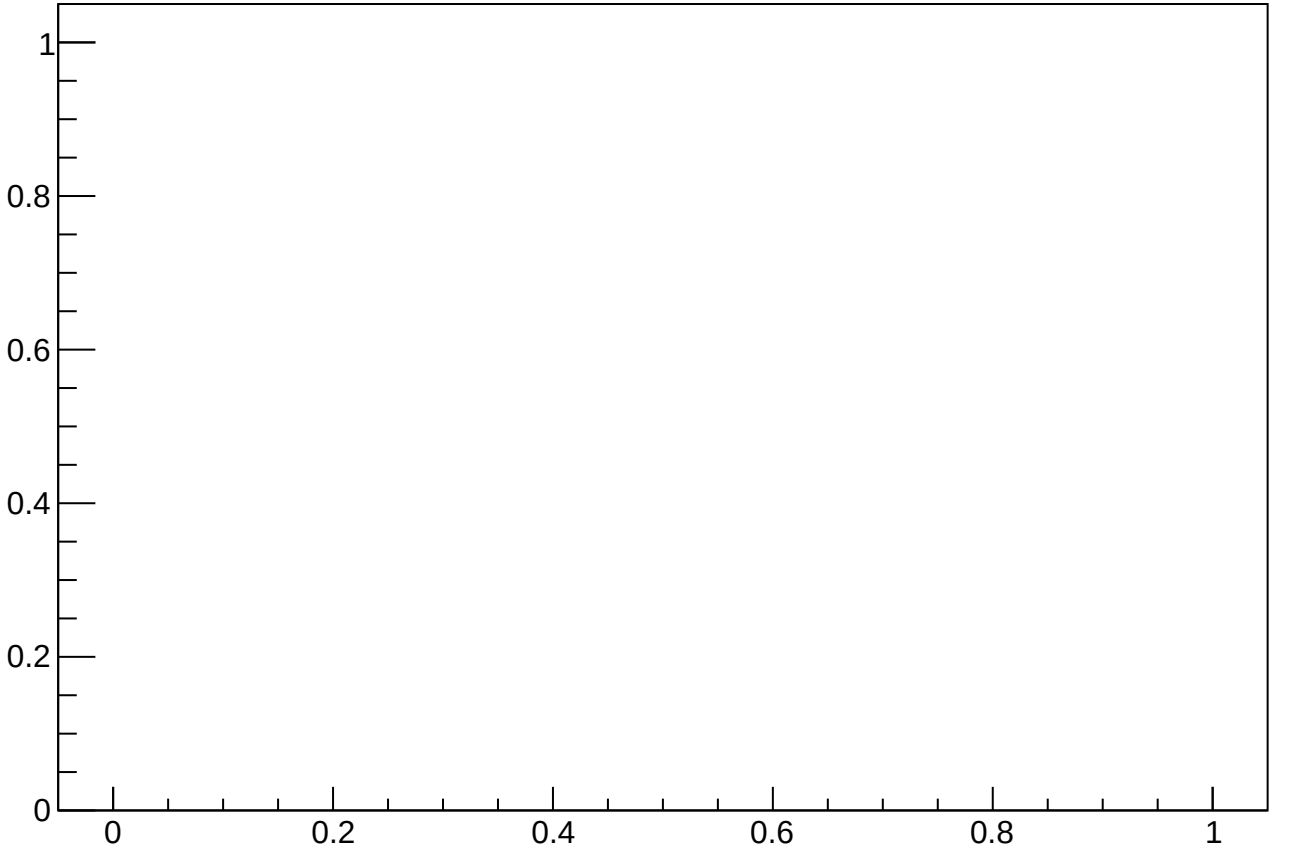
dit_atr1_coil5_mean vs Slug, Sign Corrected



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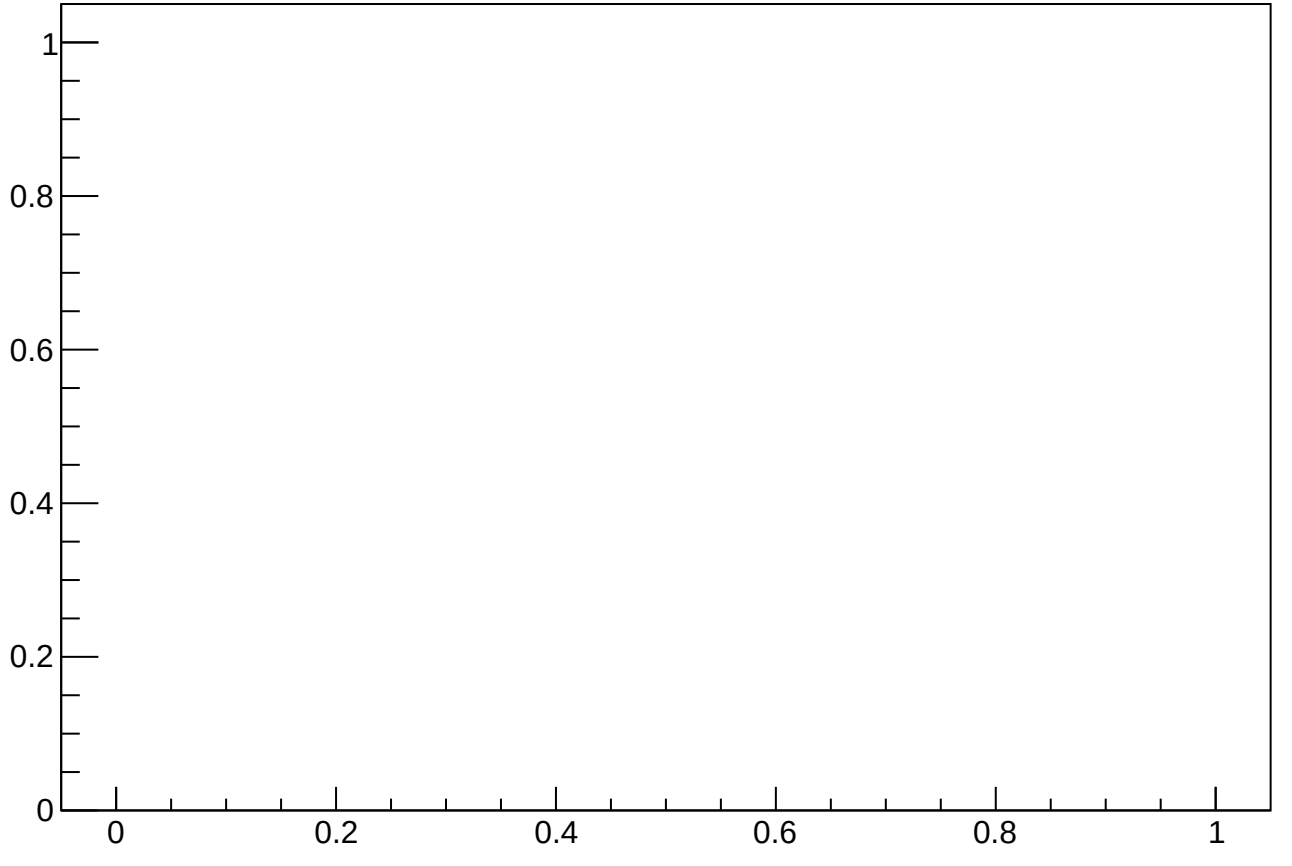
dit_atr1_coil5_err_mean vs Slug, Sign Corrected



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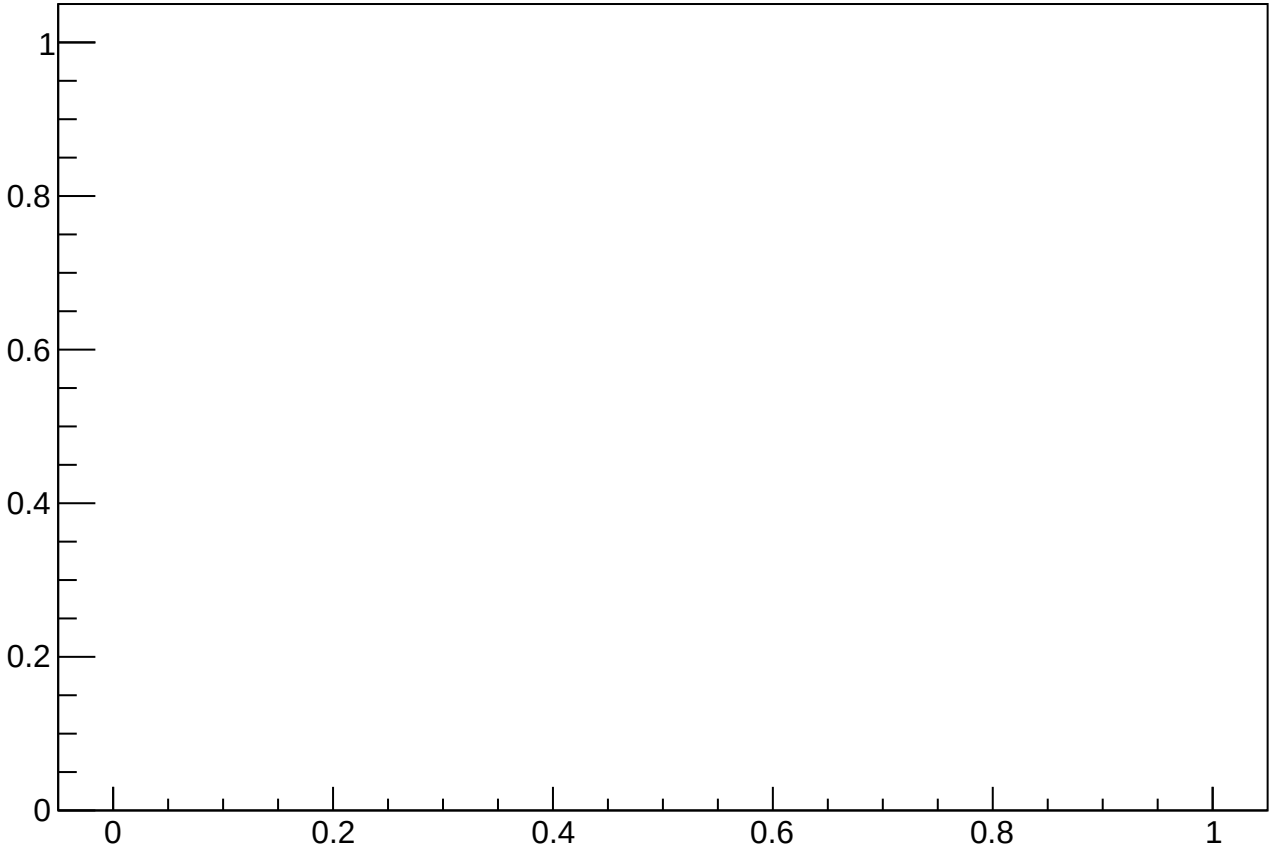
dit_atr1_coil5_Ndata_mean vs Slug, Sign Corrected



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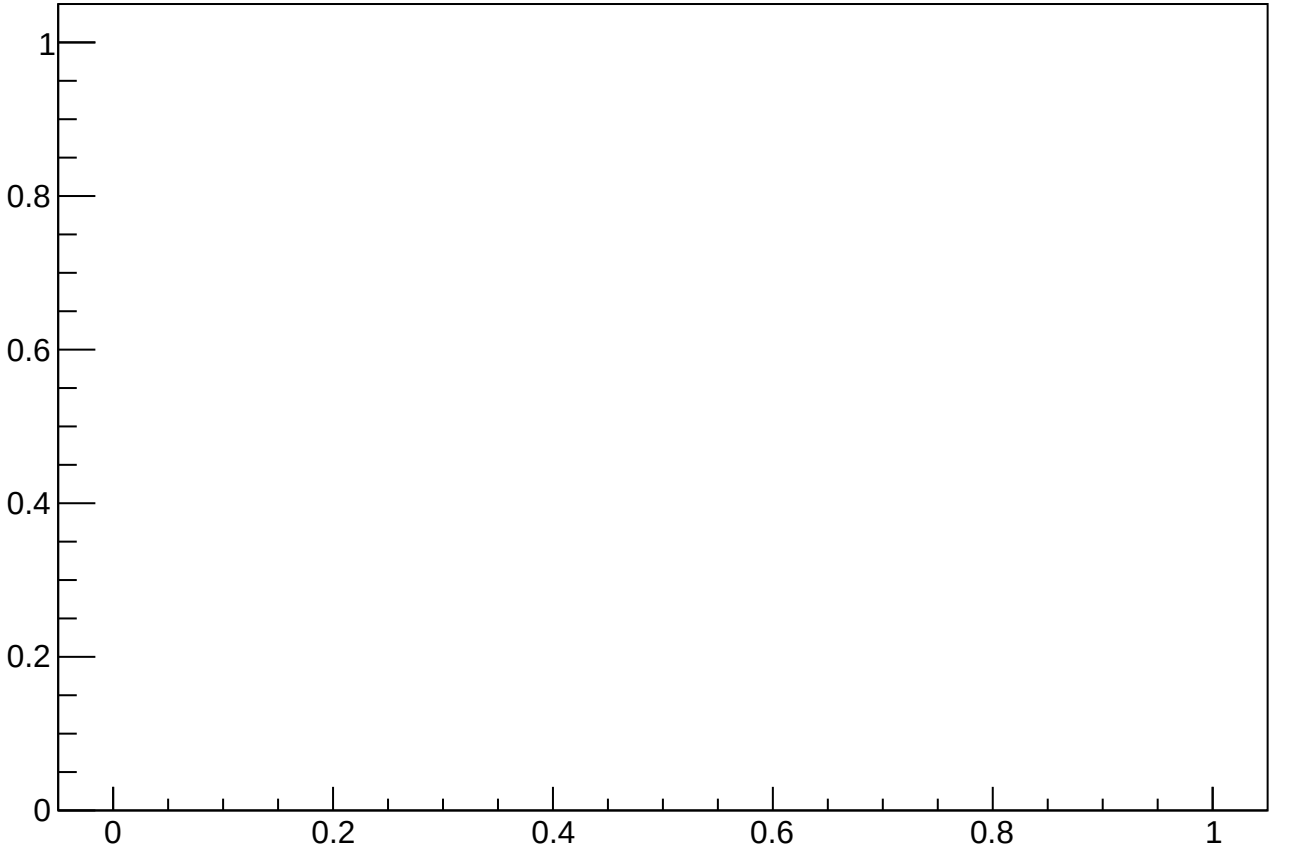
dit_atr2_coil5_mean vs Slug, Sign Corrected



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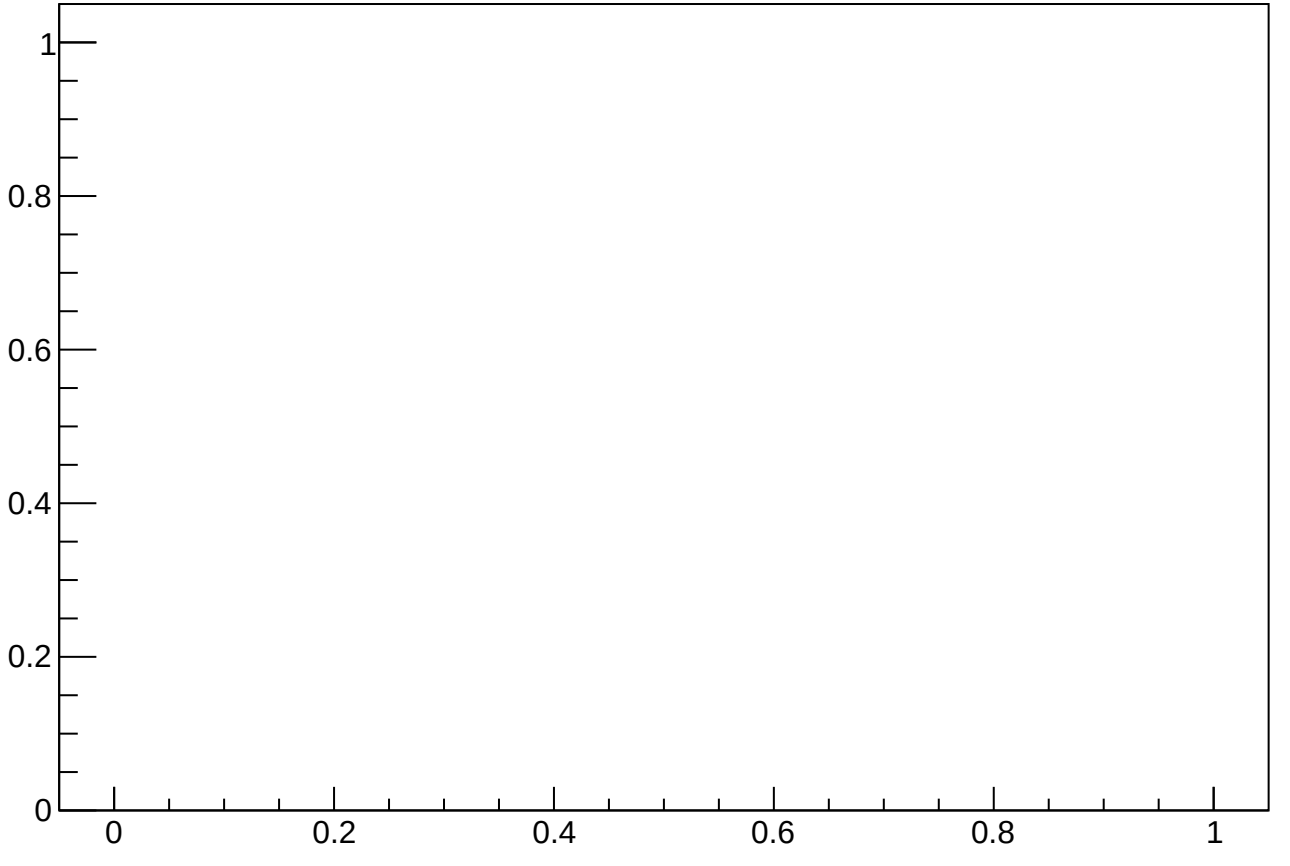
dit_atr2_coil5_err_mean vs Slug, Sign Corrected



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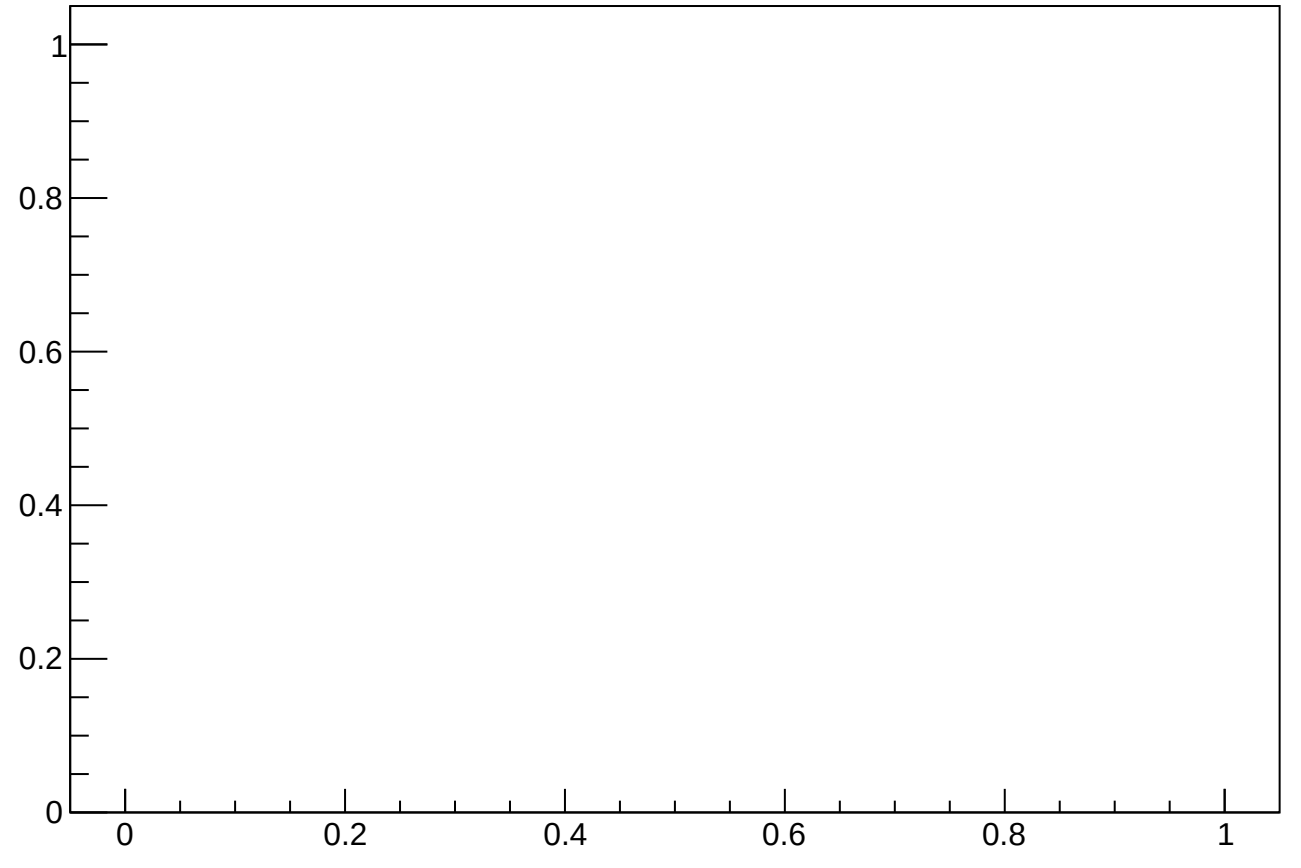

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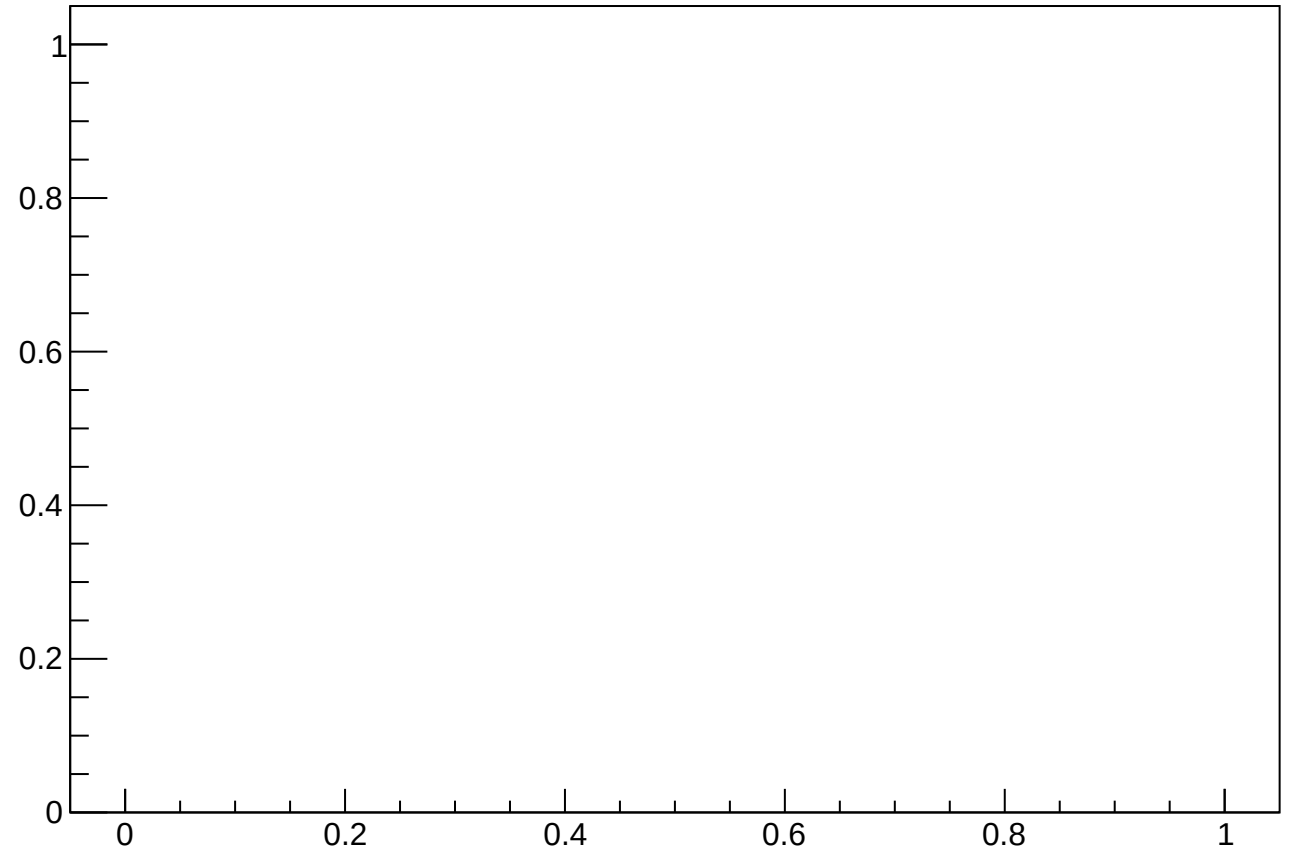

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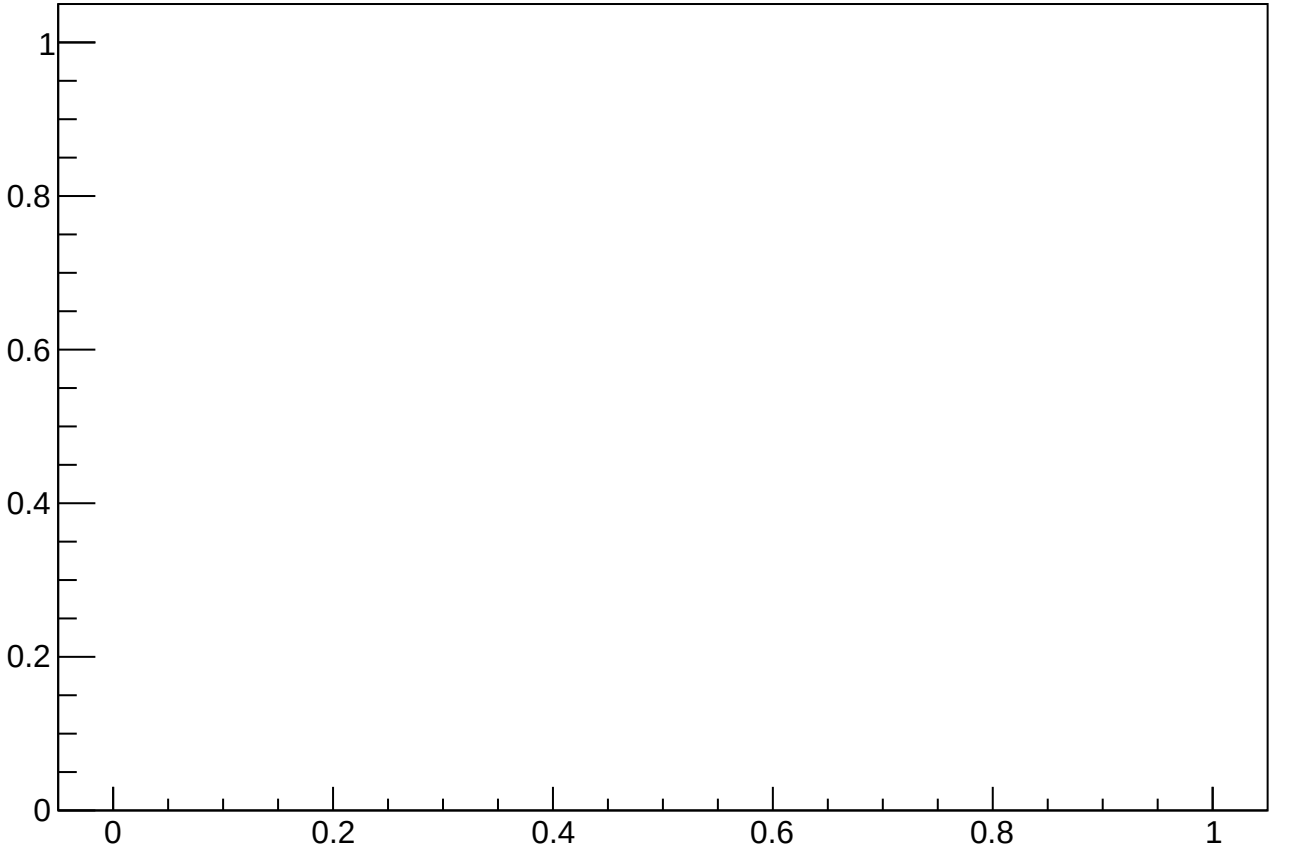
dit_sam1_coil5_err_mean vs Slug, Sign Corrected



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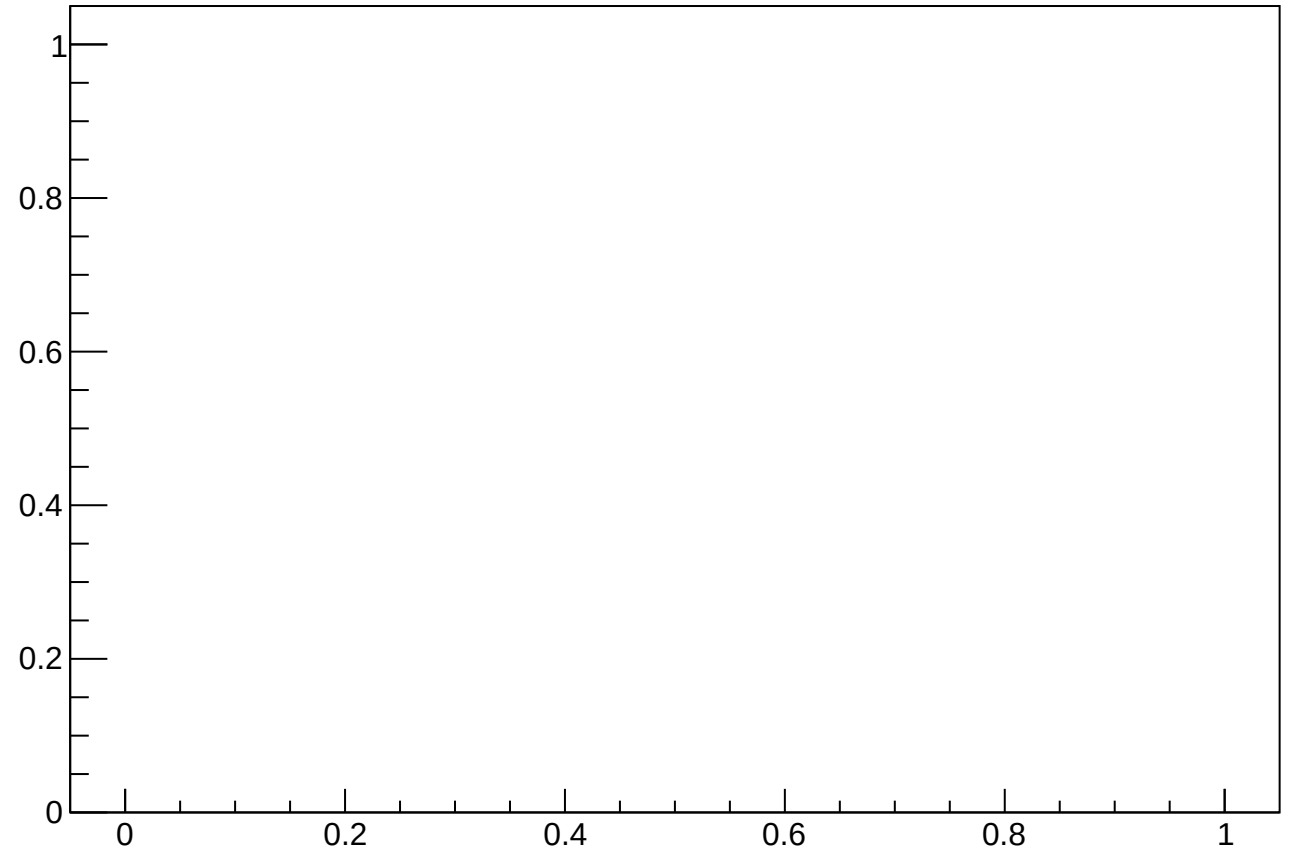

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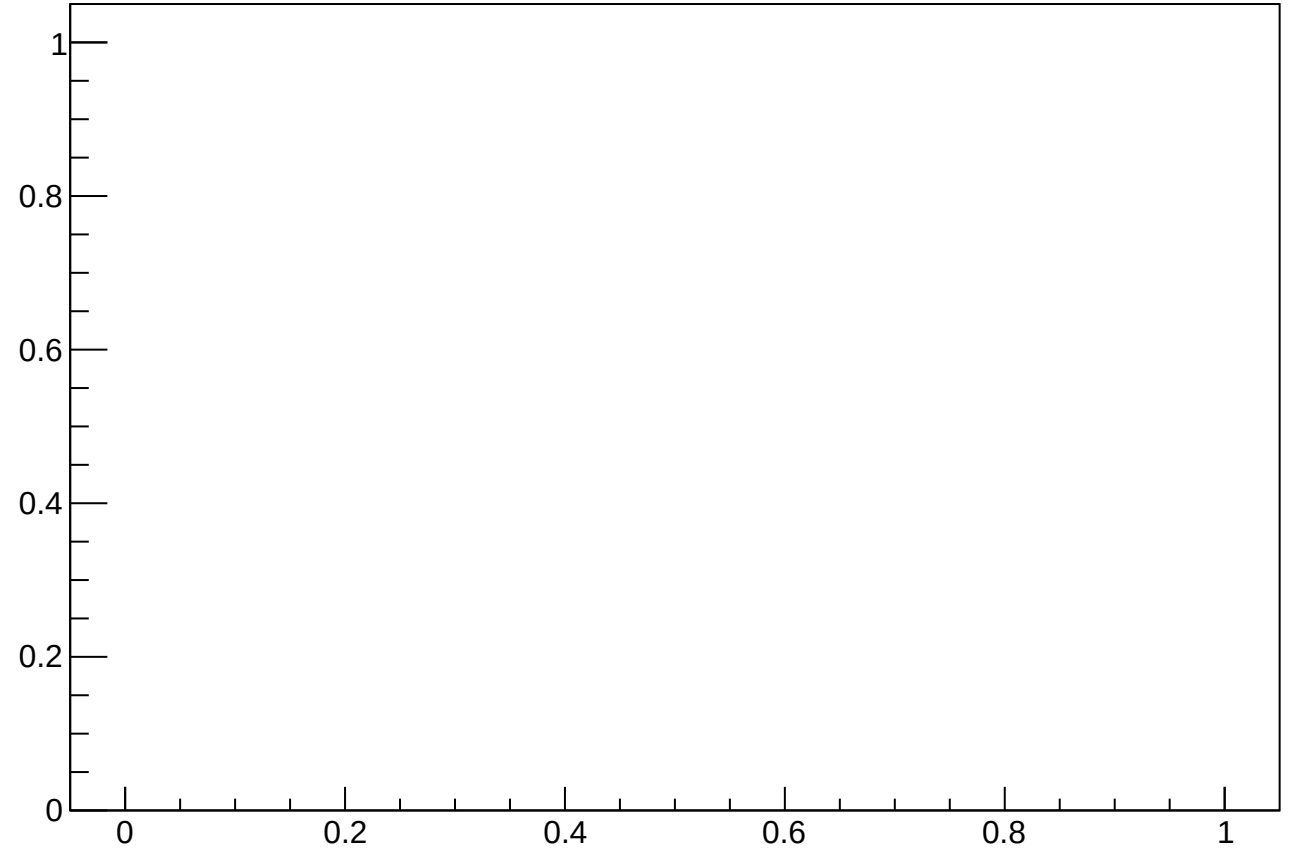

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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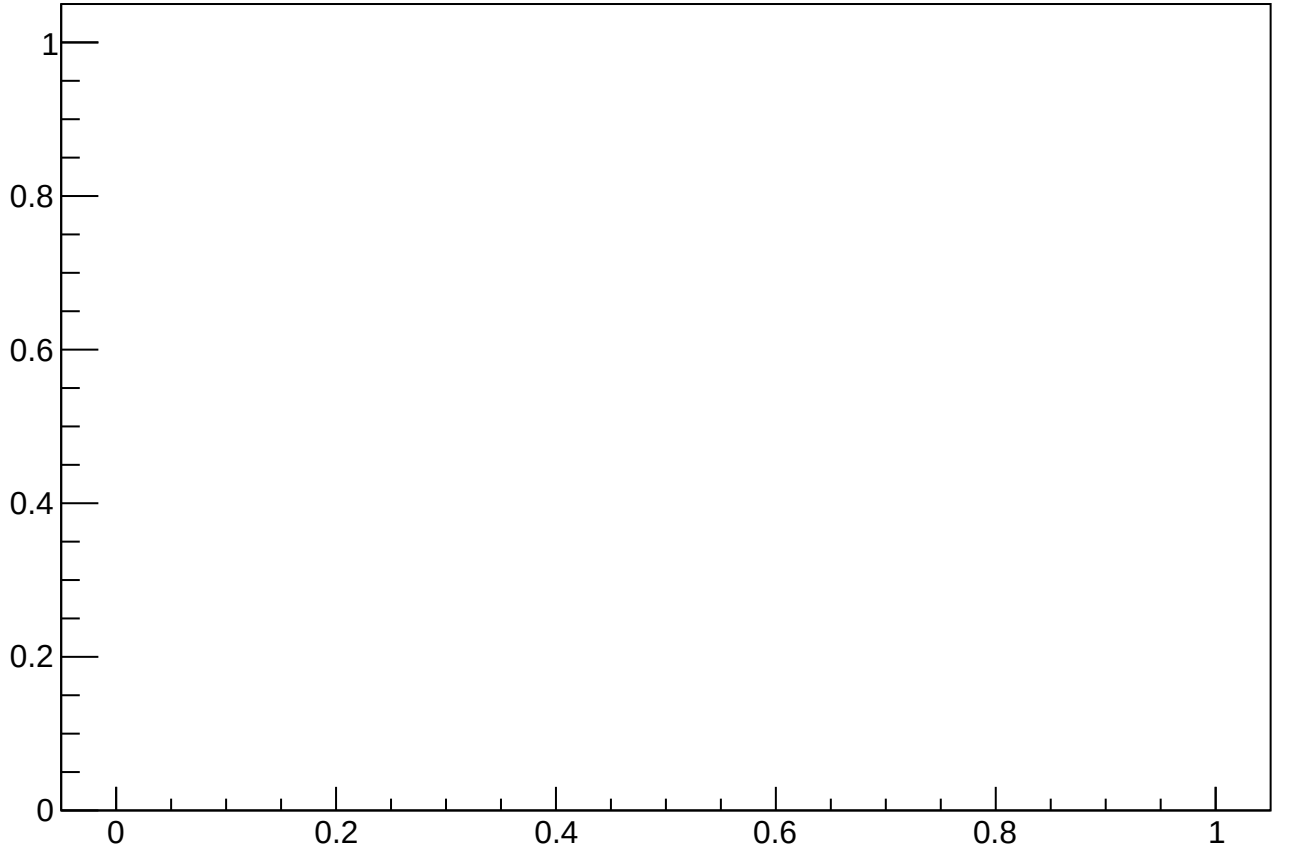
dit_sam2_coil5_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

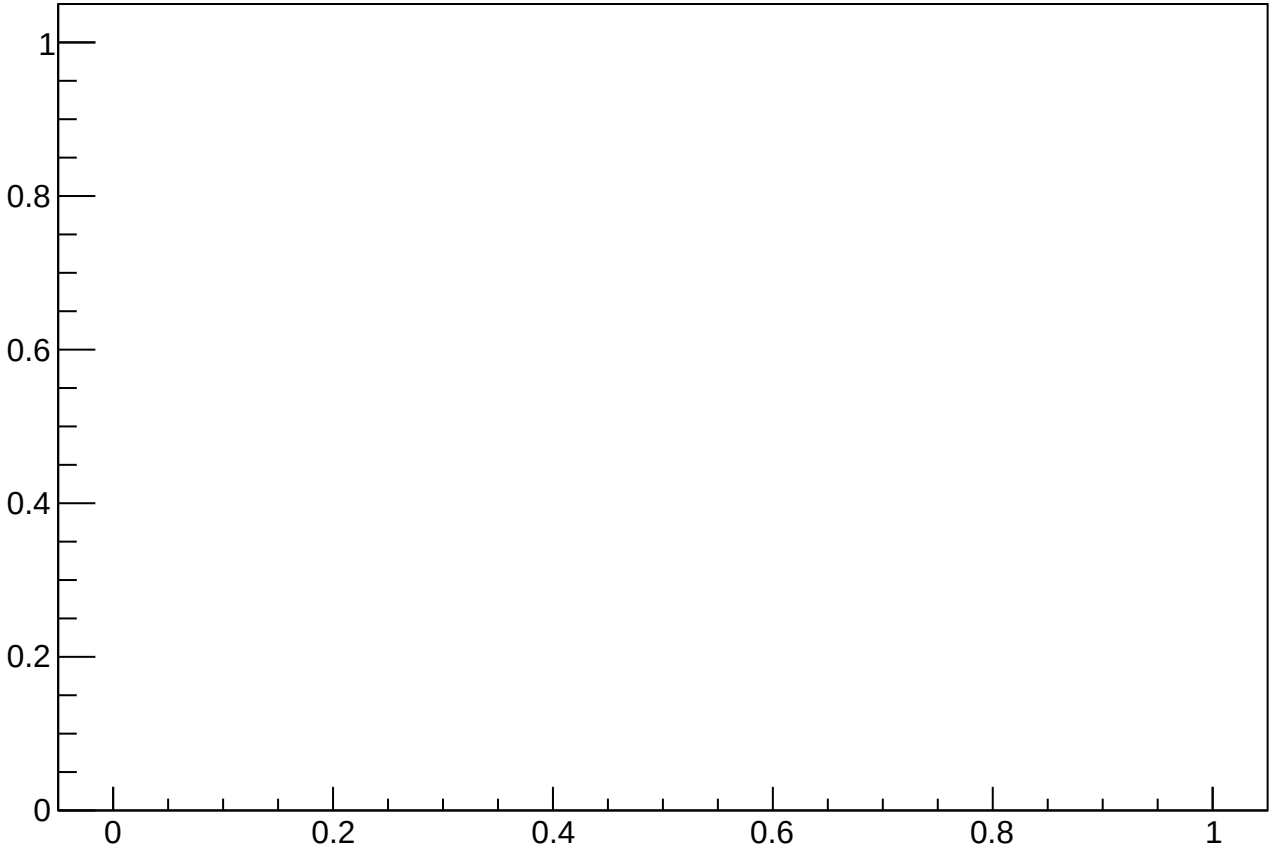
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam2_coil5_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

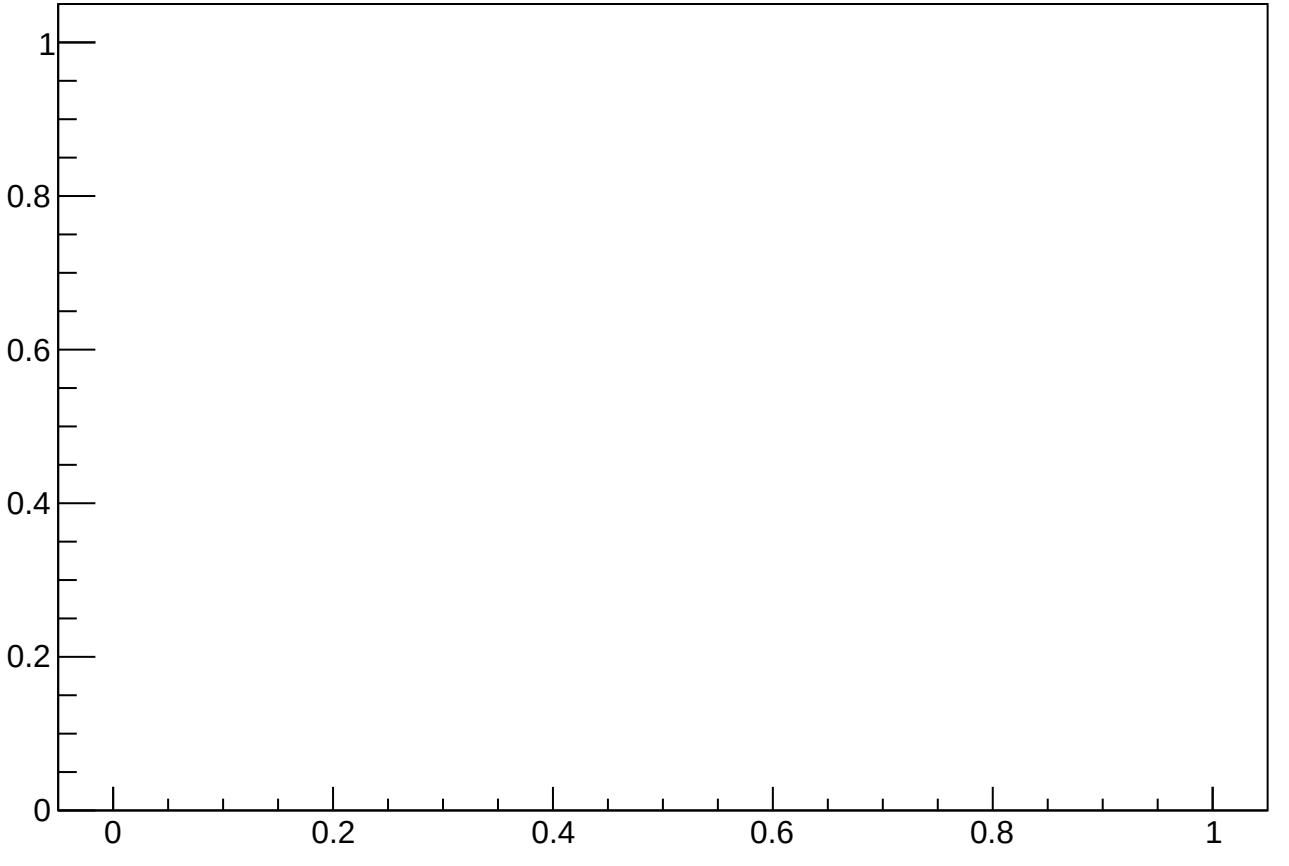
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam3_coil5_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

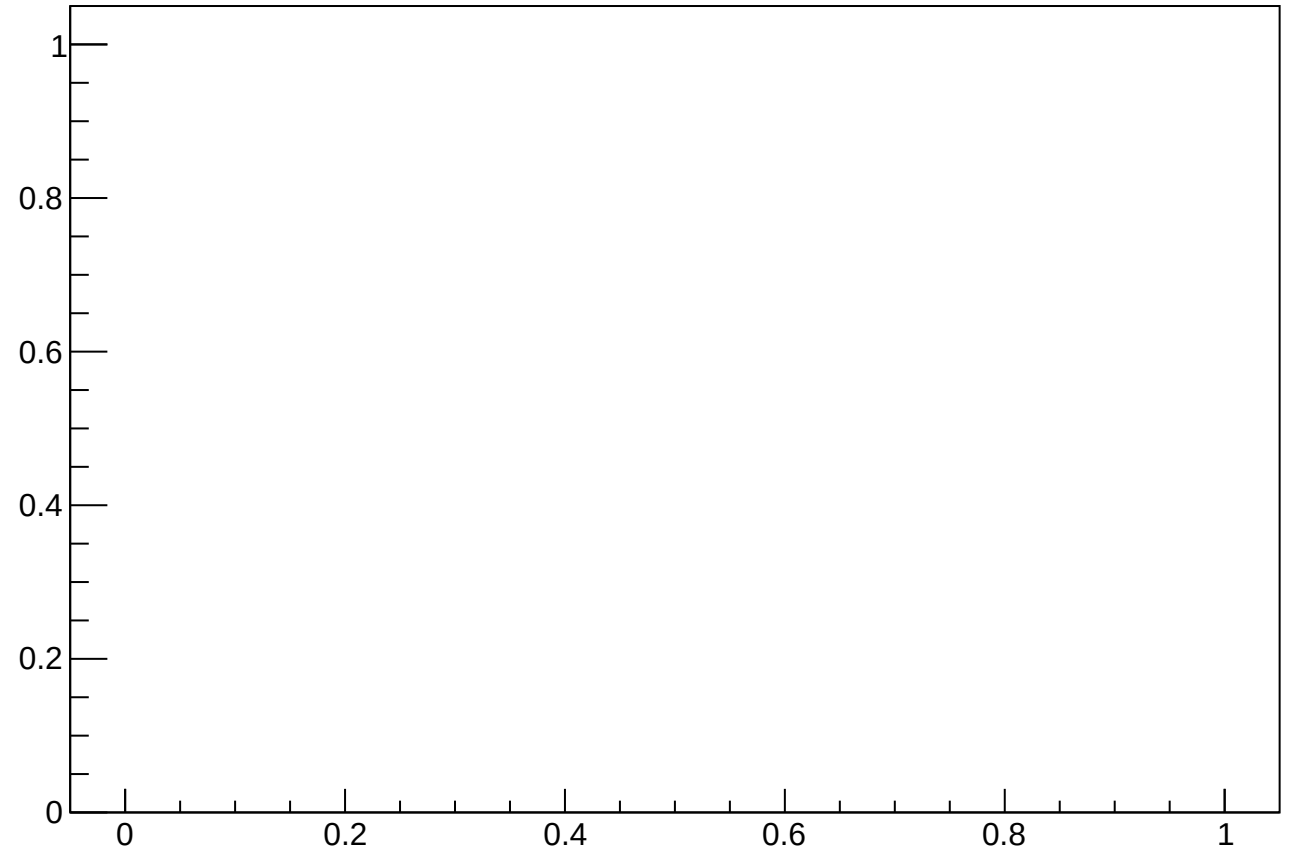
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

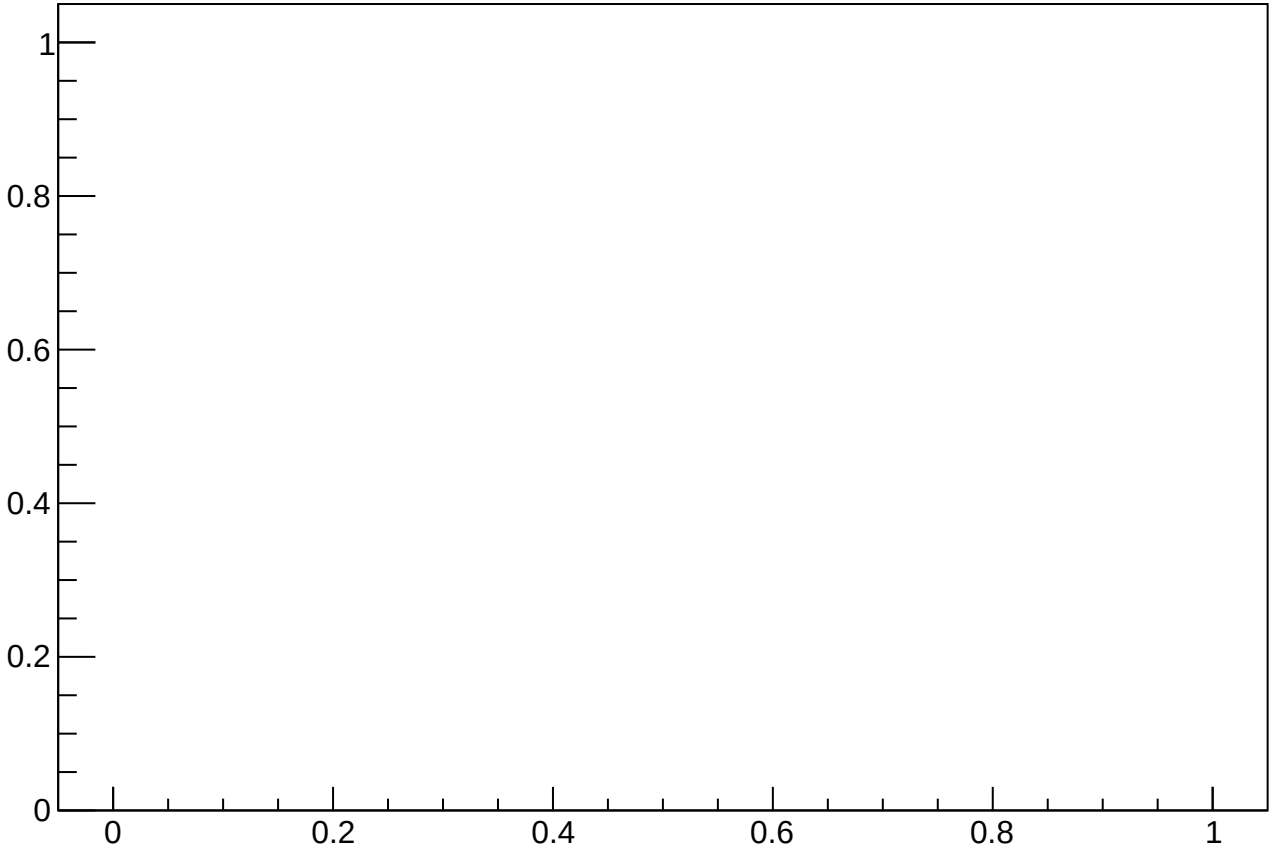
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam3_coil5_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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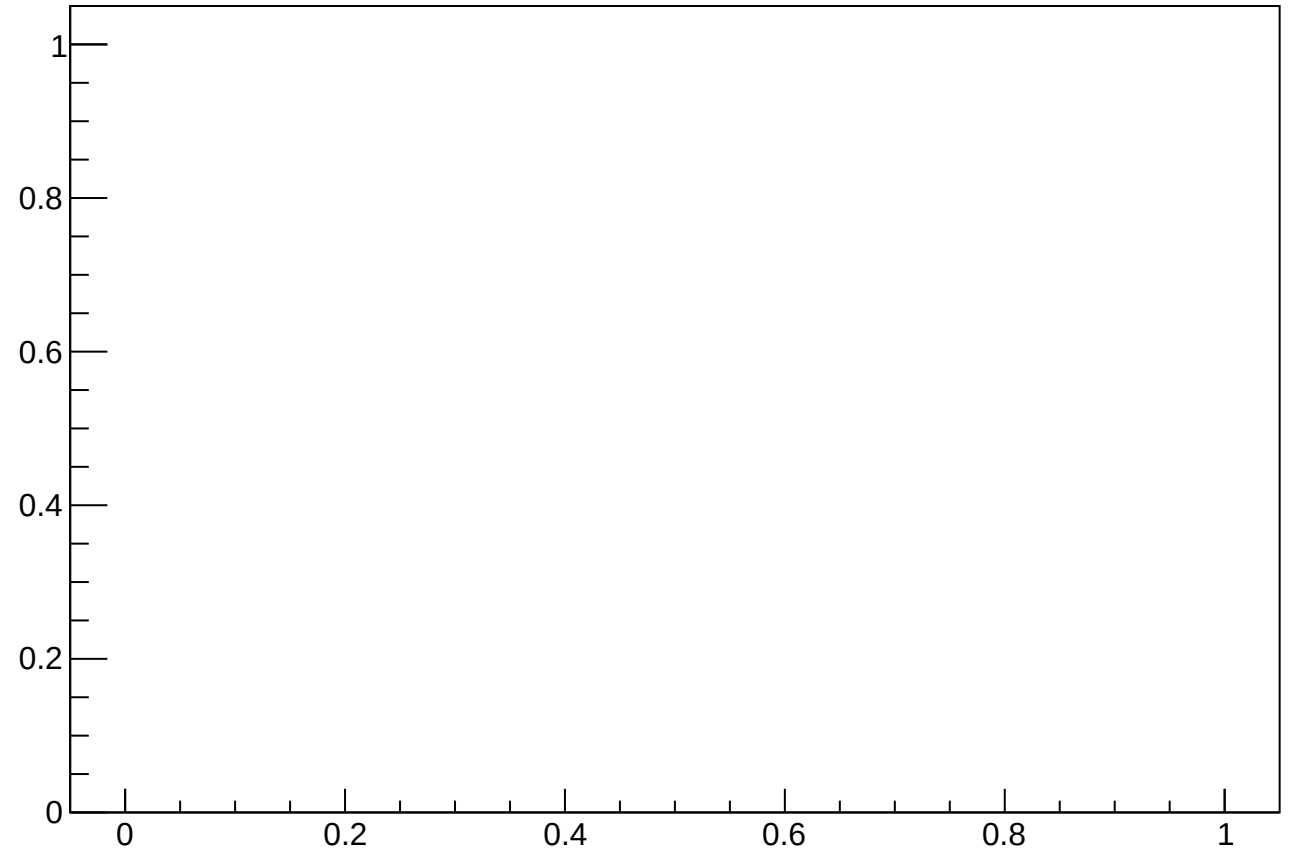

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

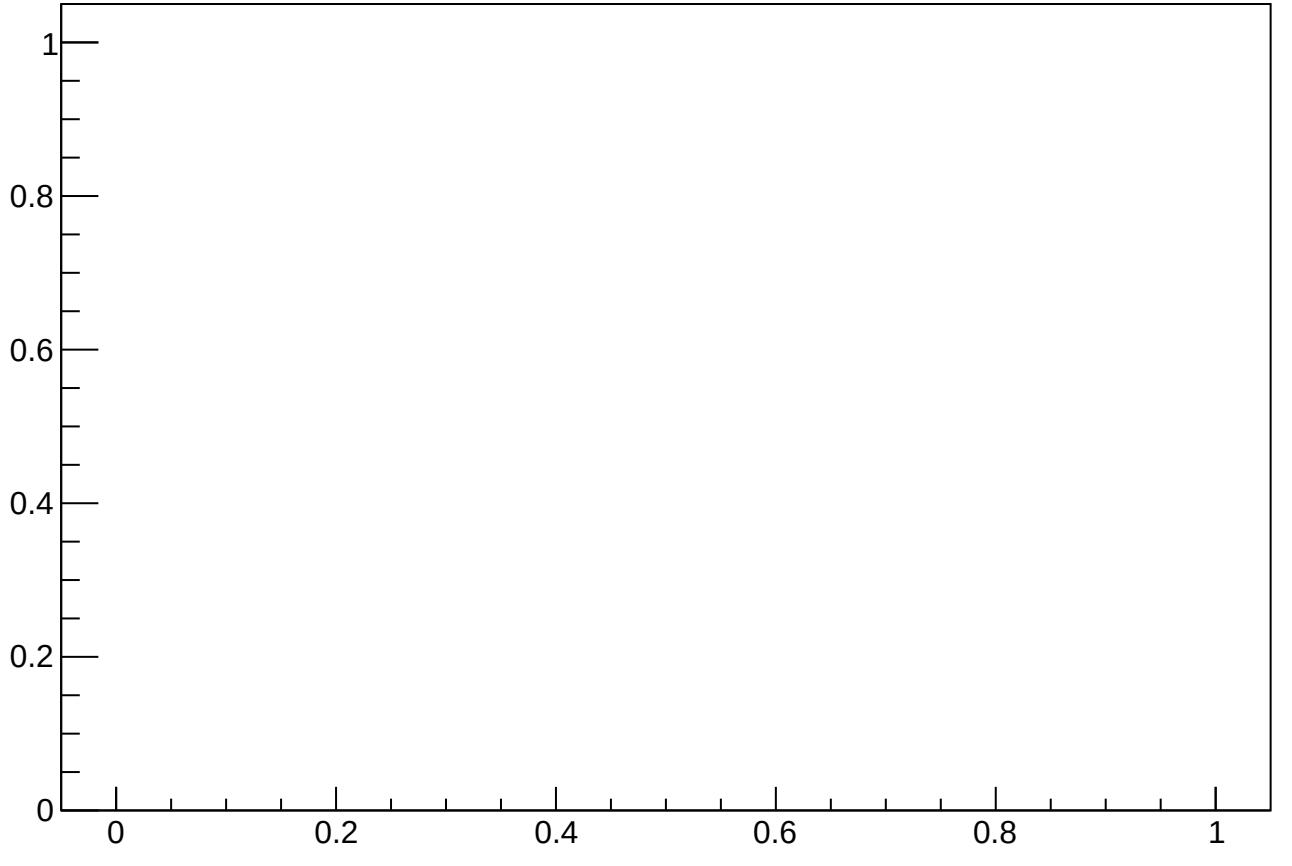
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam4_coil5_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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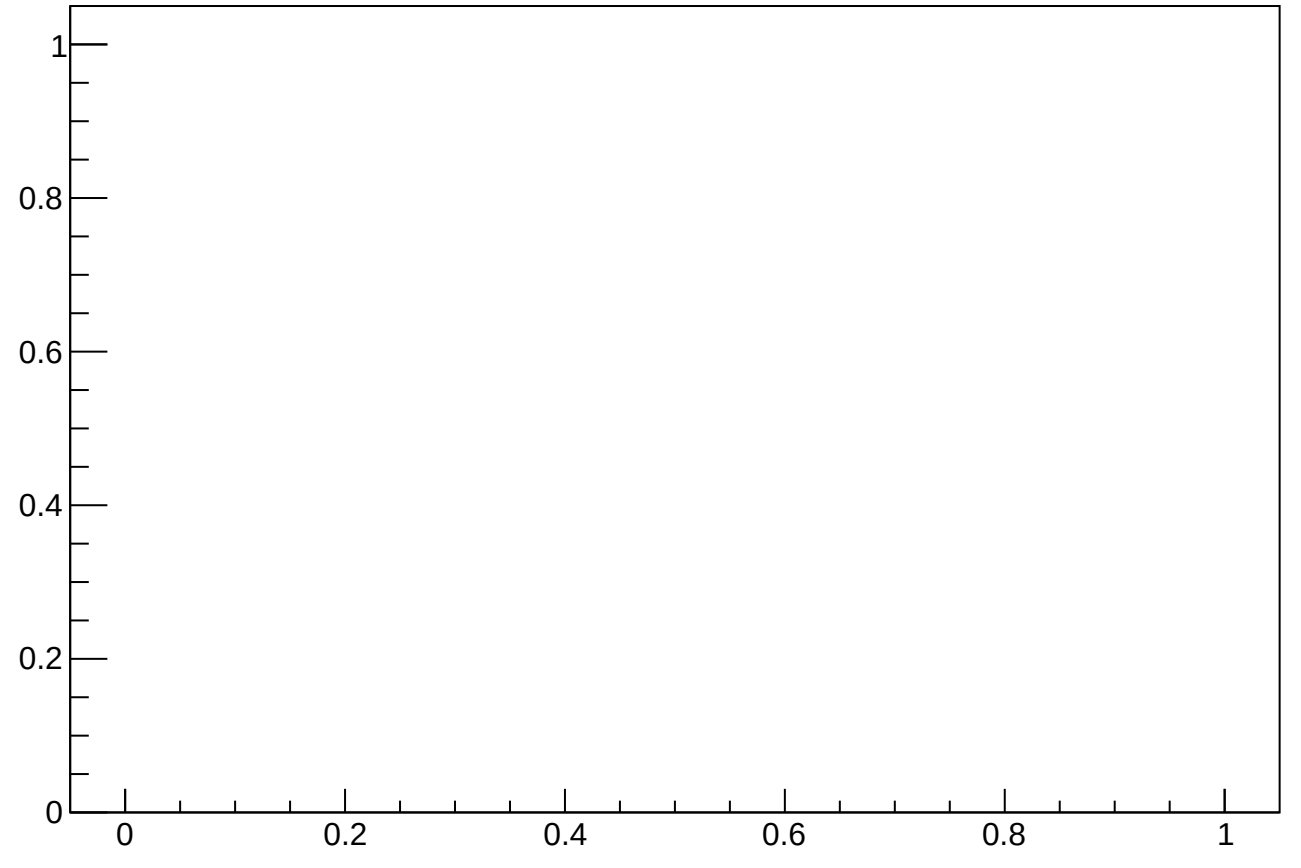

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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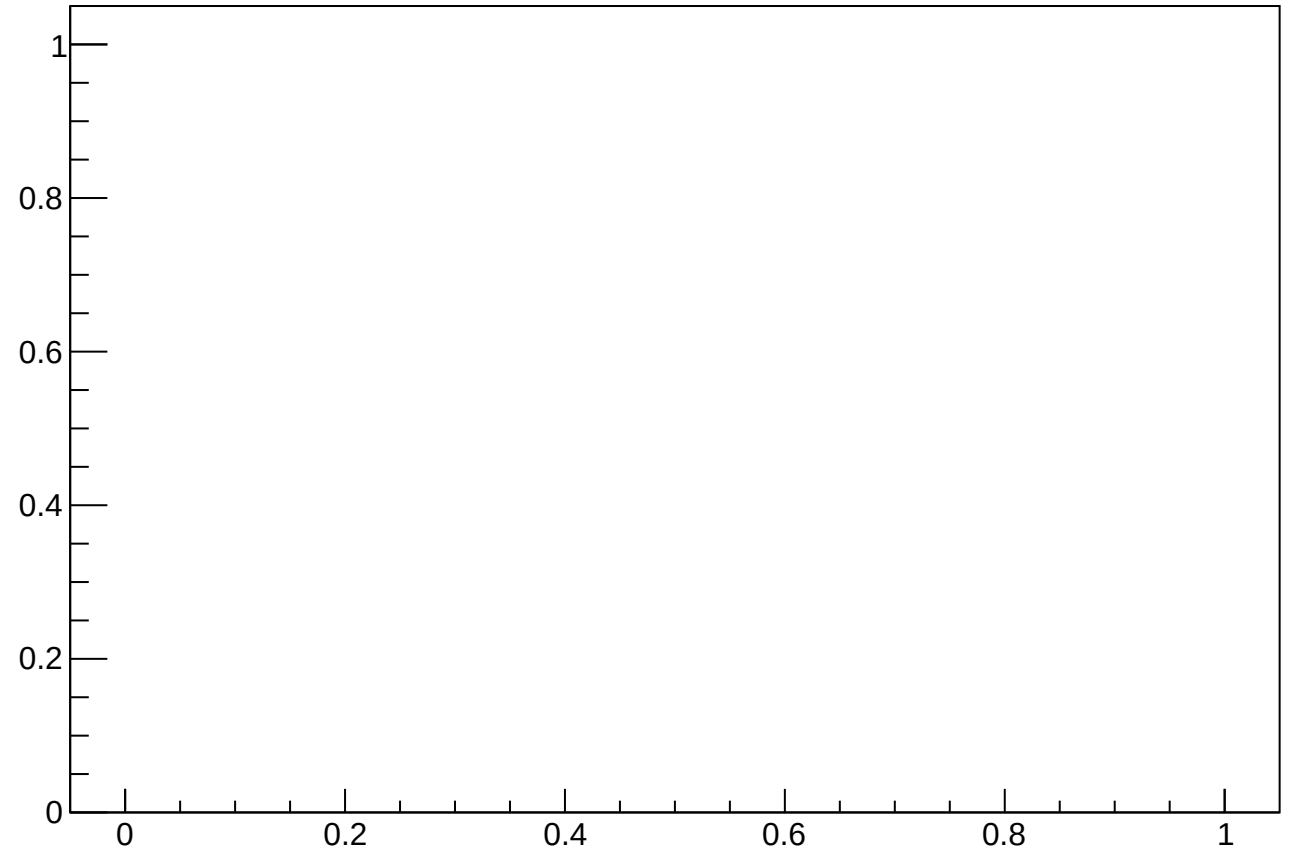

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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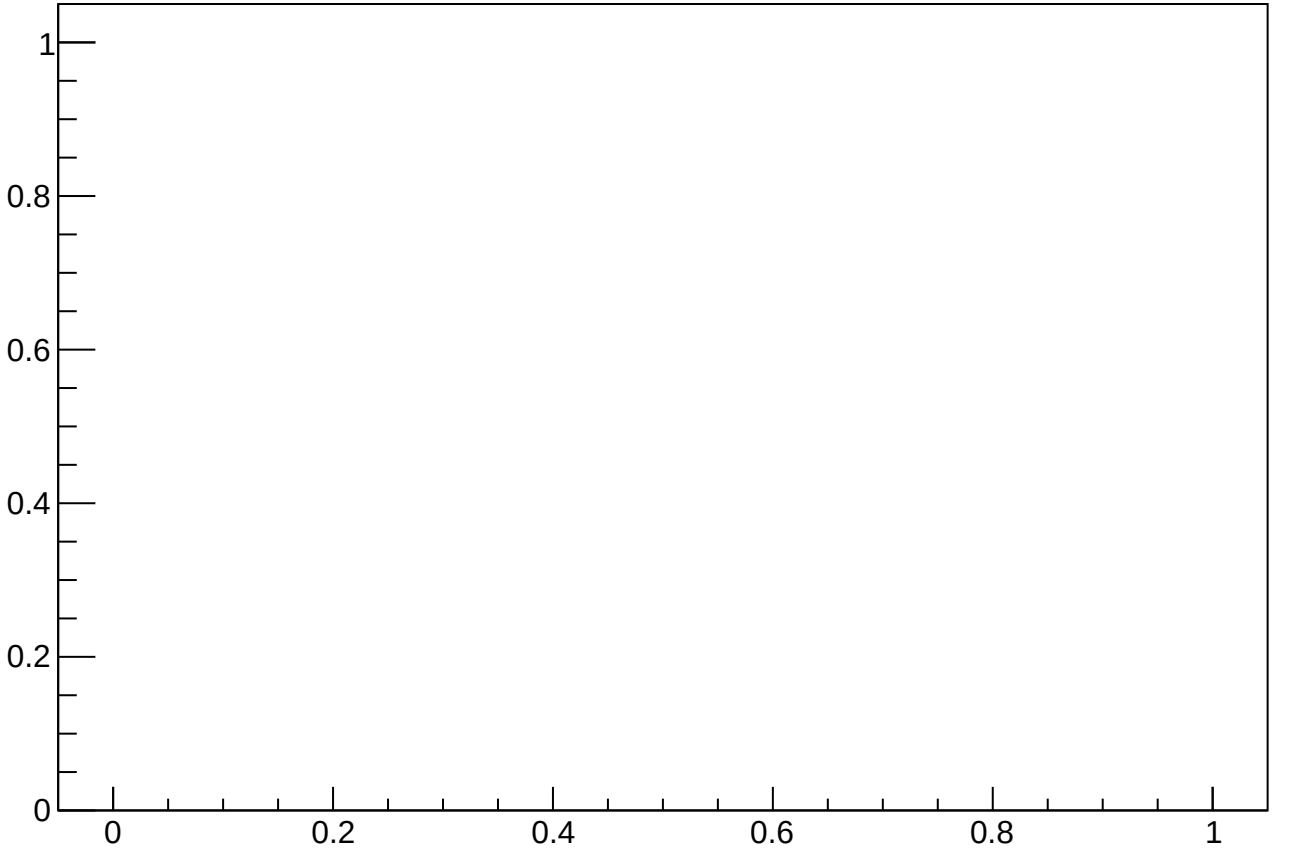
dit_sam5_coil5_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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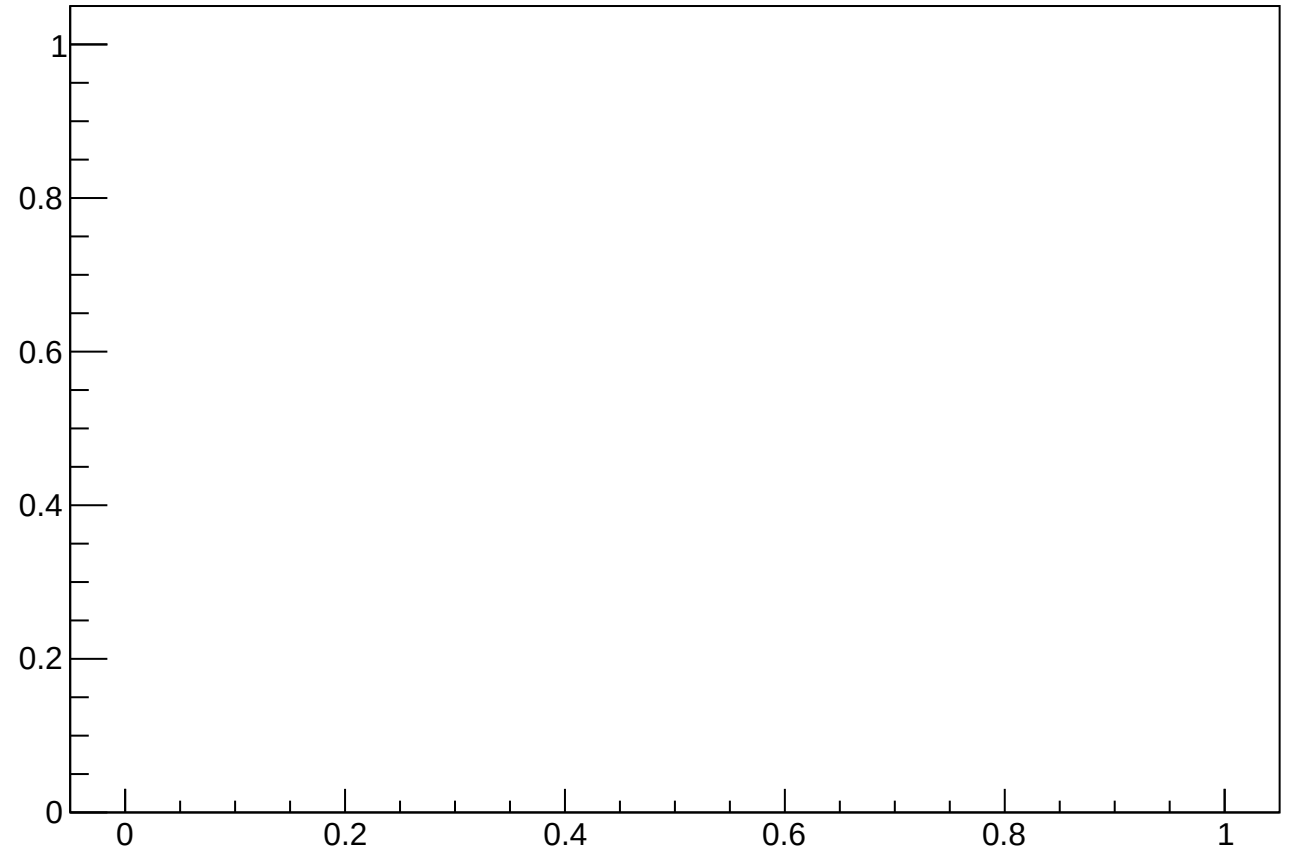

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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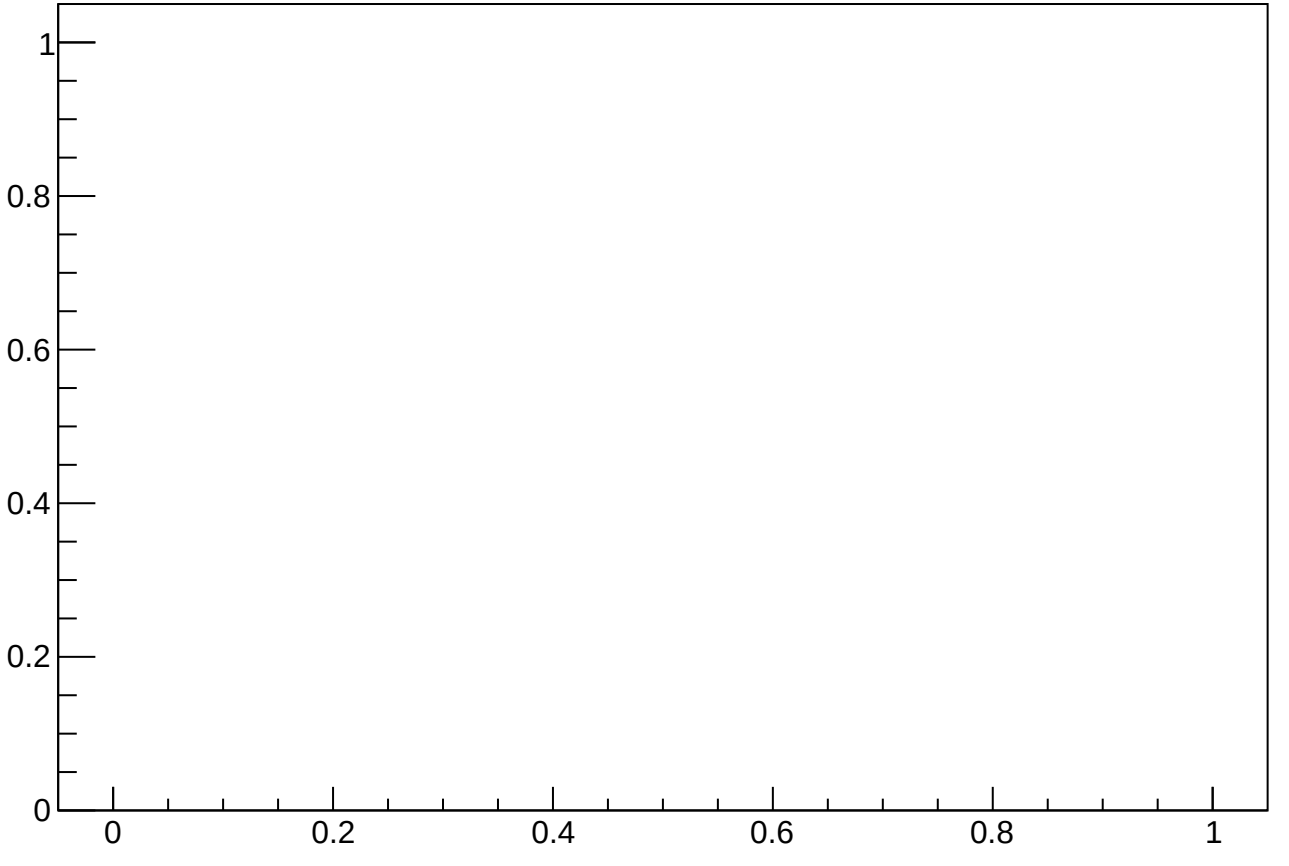
dit_sam6_coil5_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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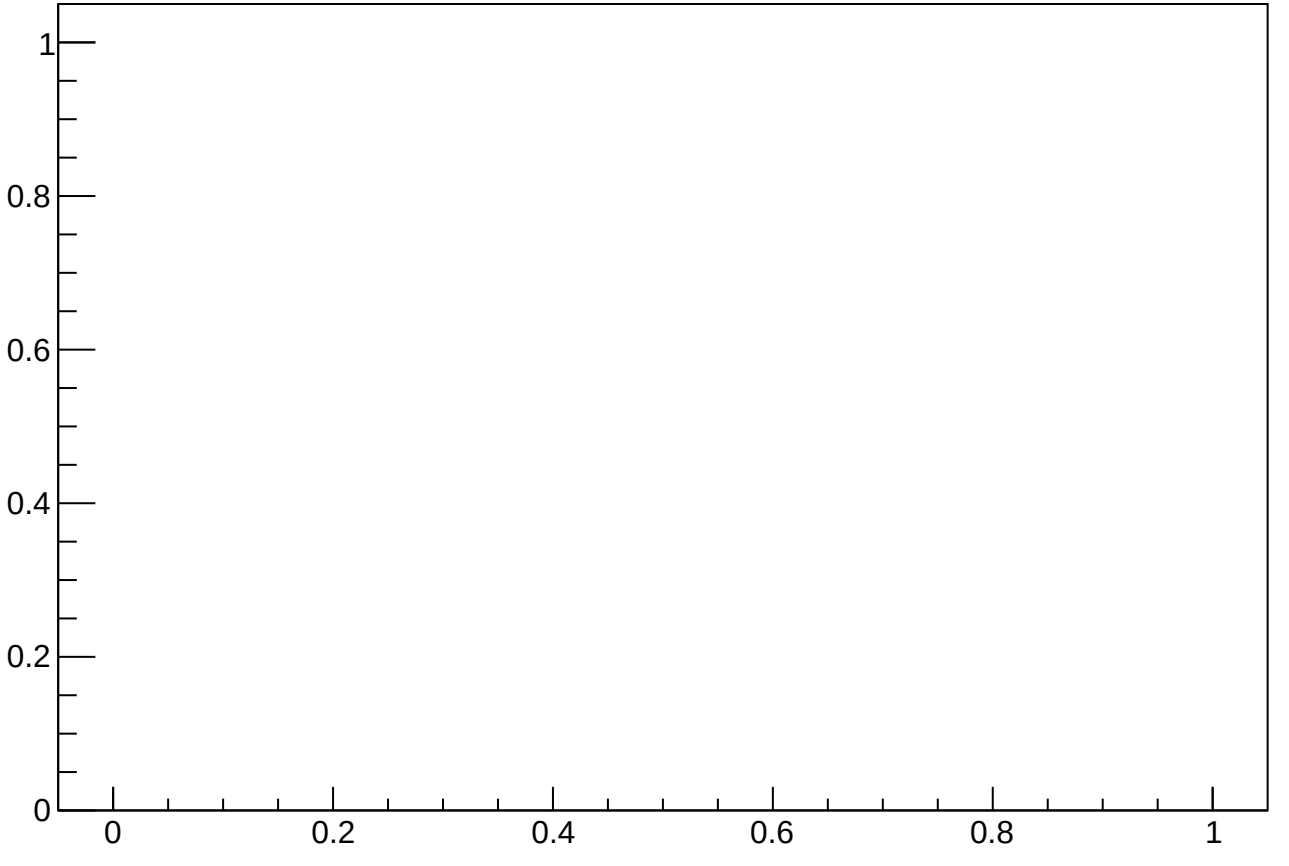
dit_sam6_coil5_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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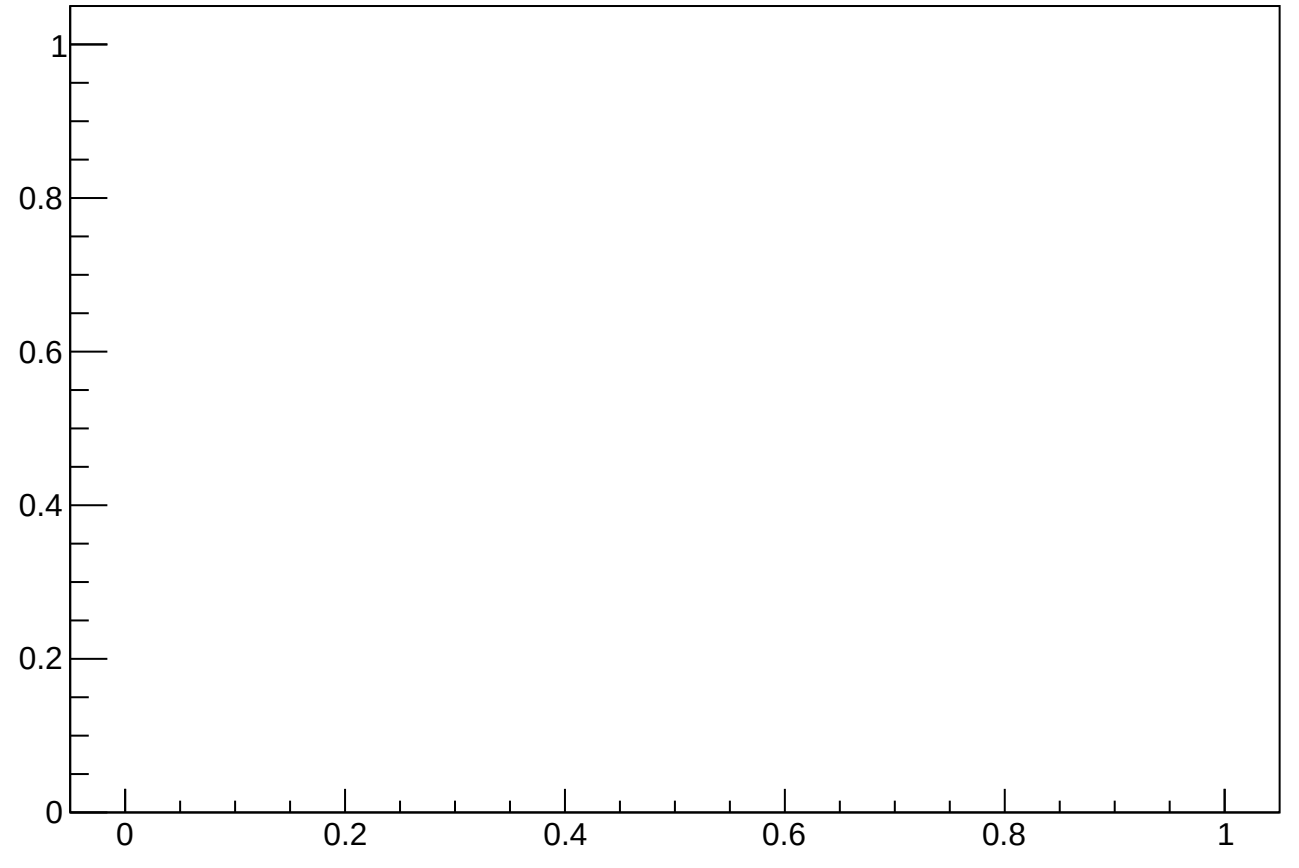

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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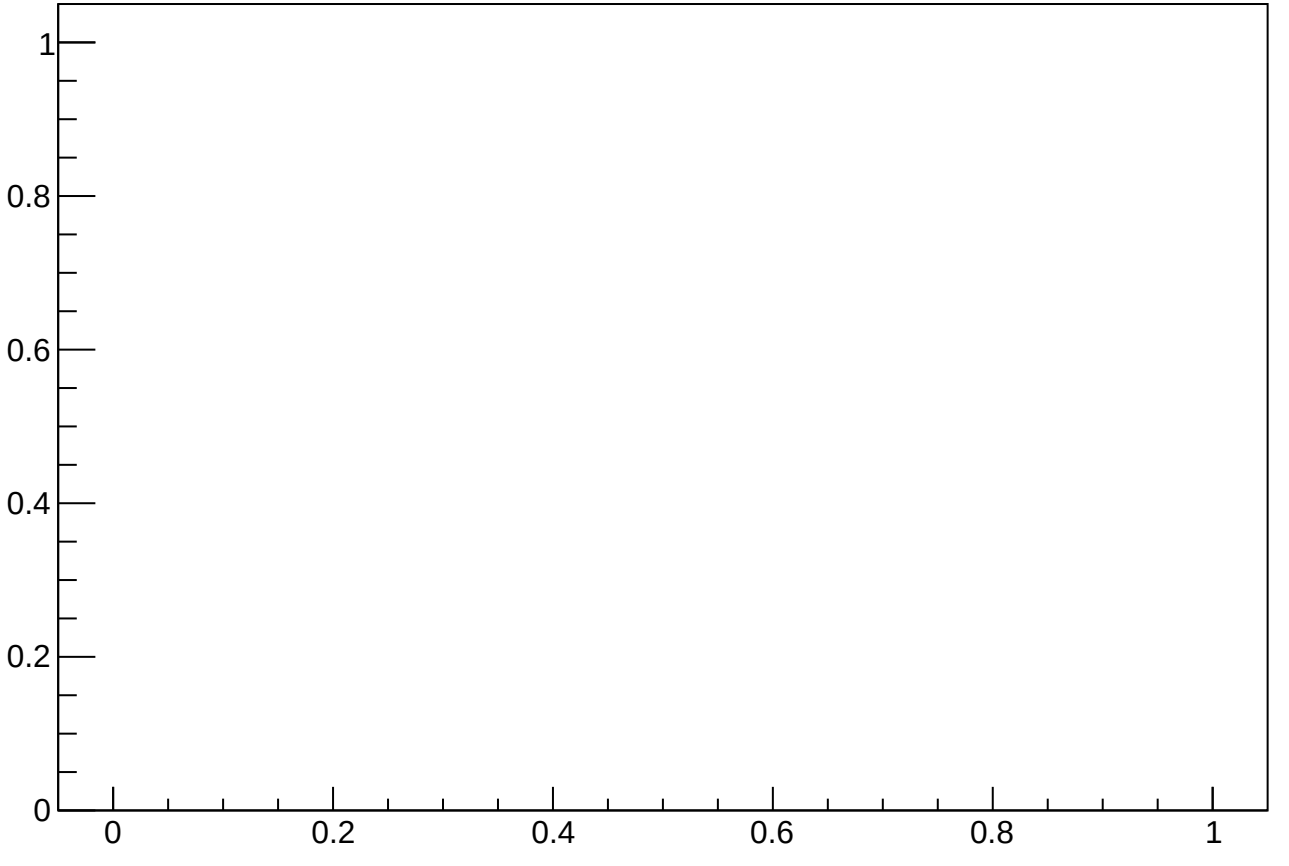
dit_sam7_coil5_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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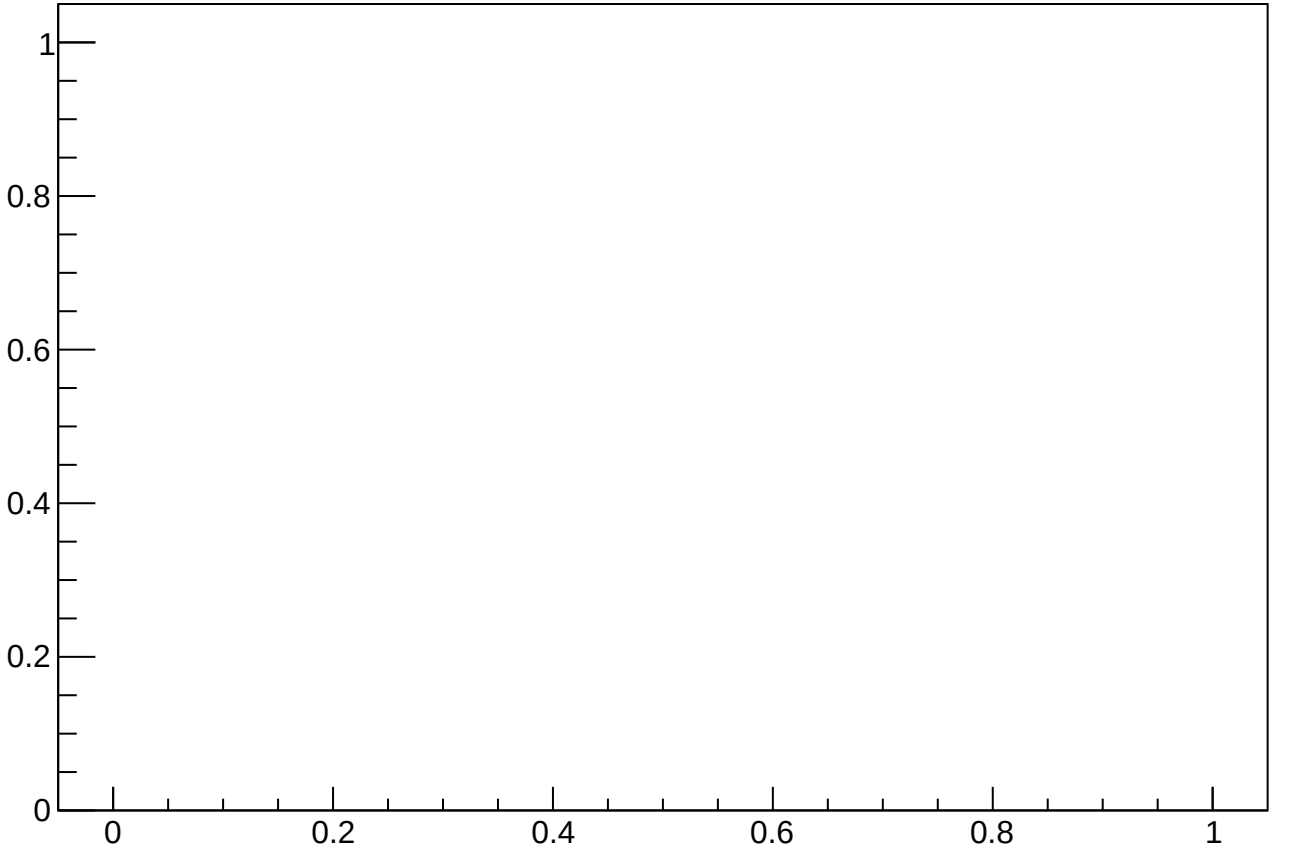
dit_sam7_coil5_err_mean vs Slug, Sign Corrected



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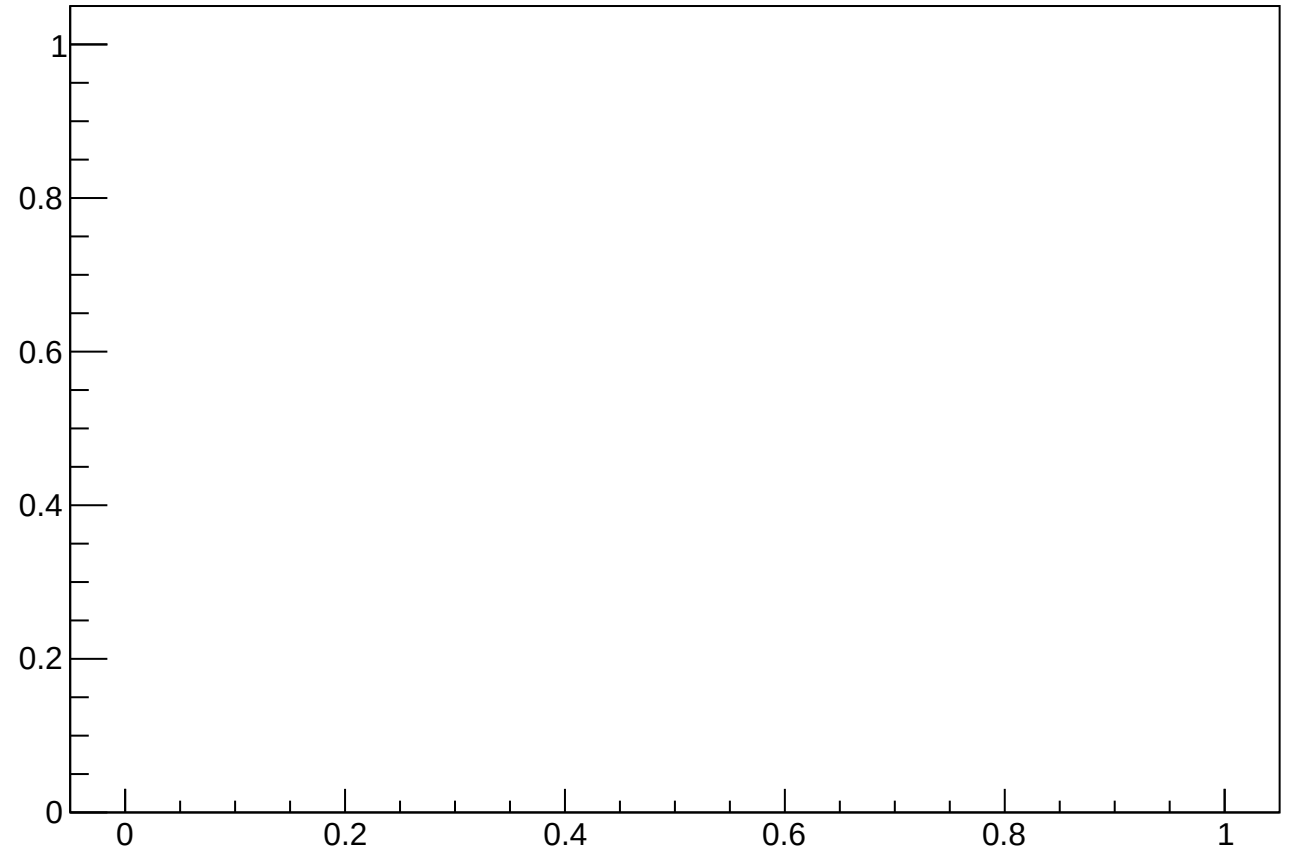

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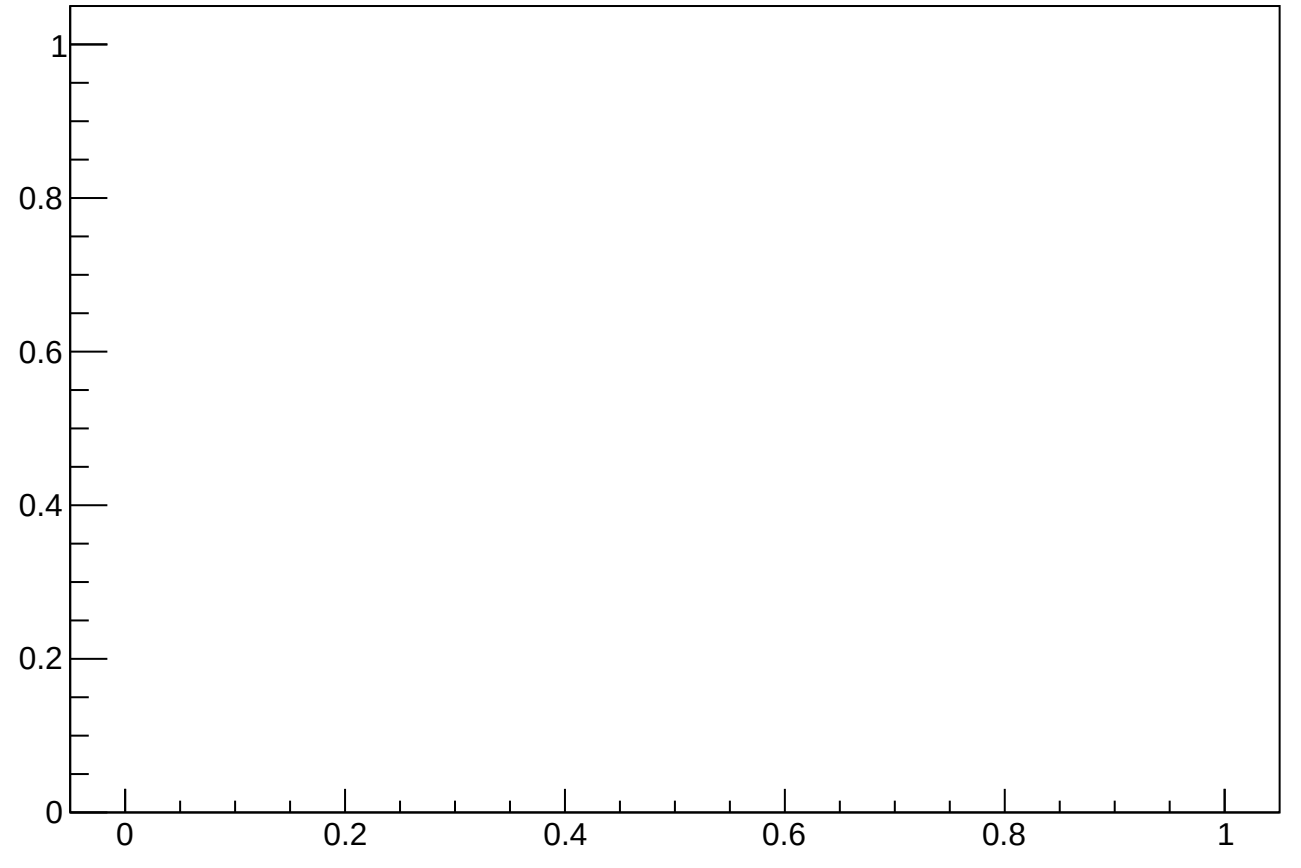

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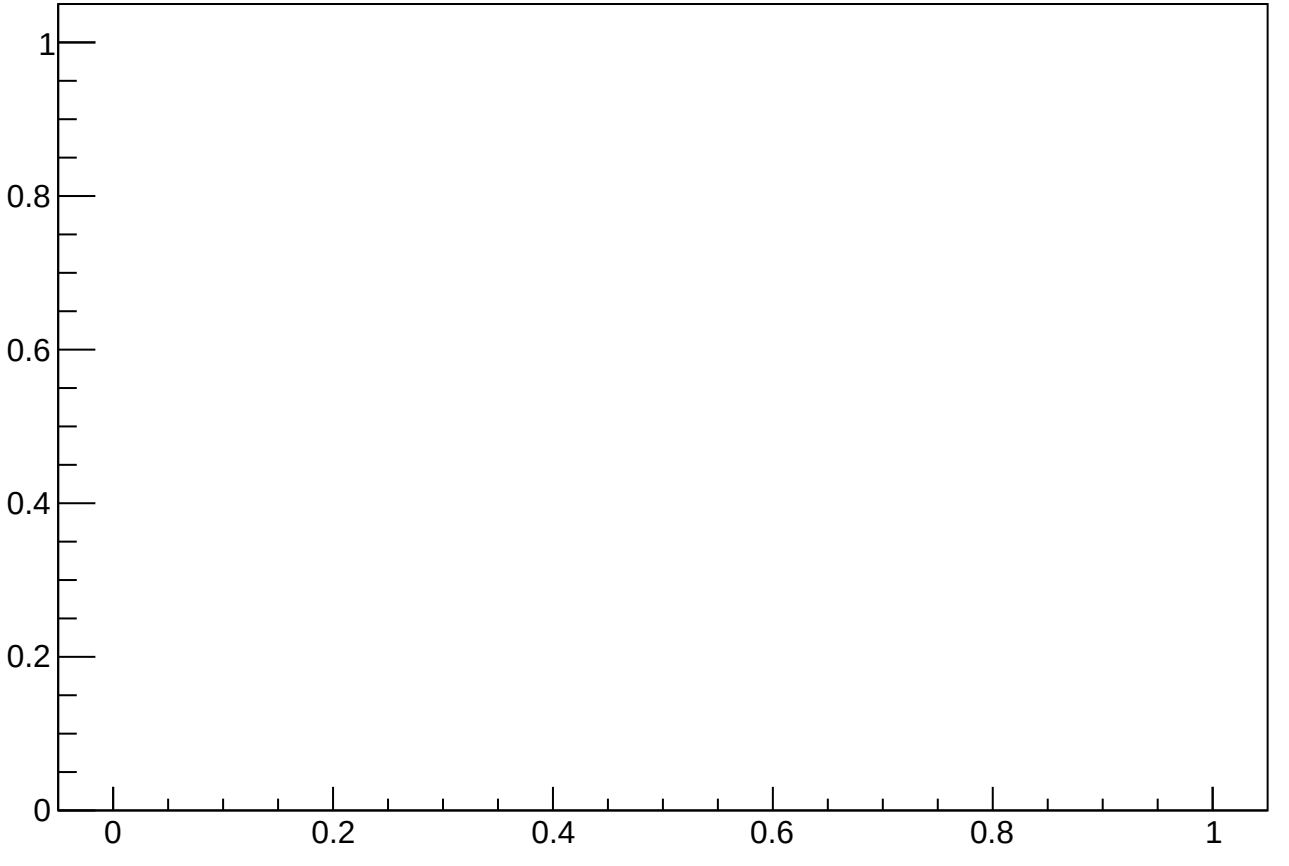
dit_sam8_coil5_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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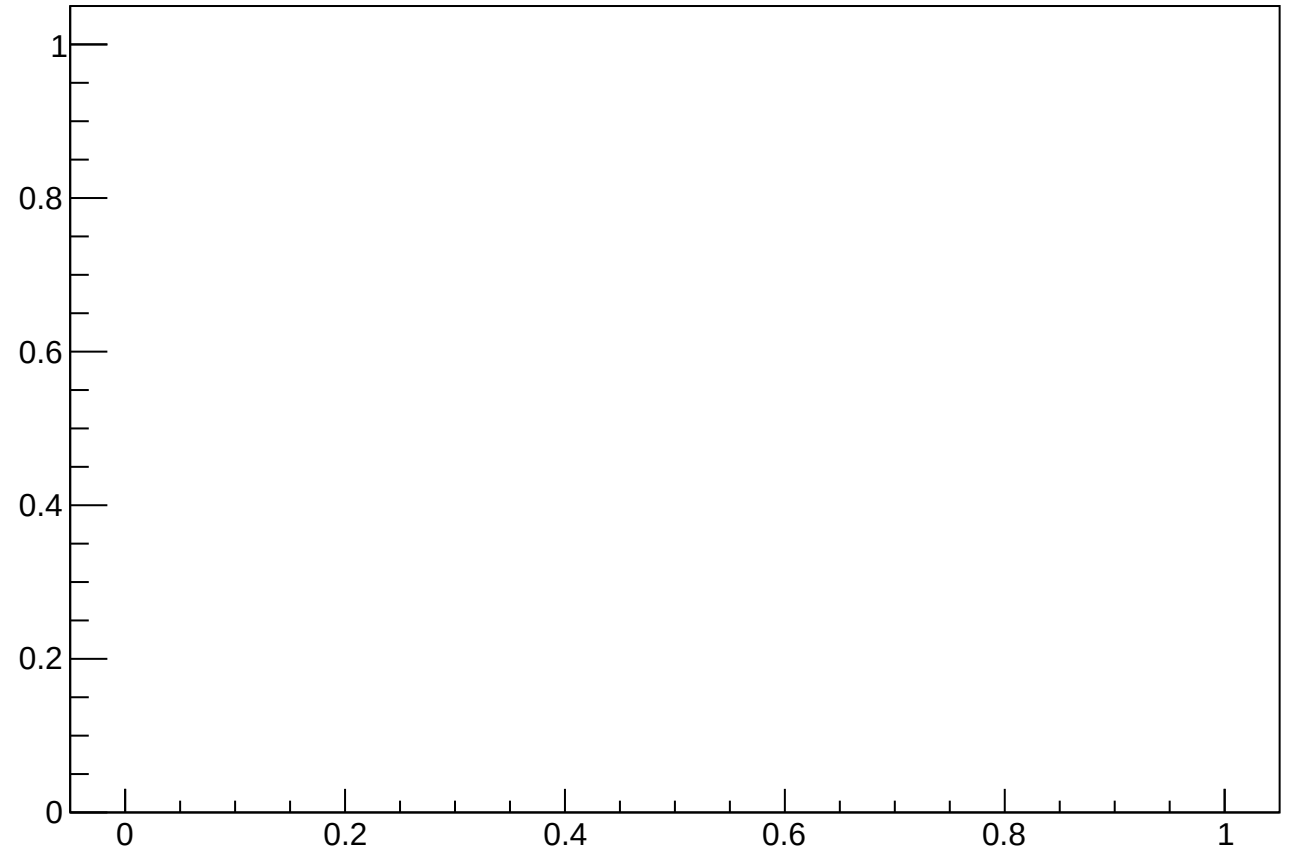

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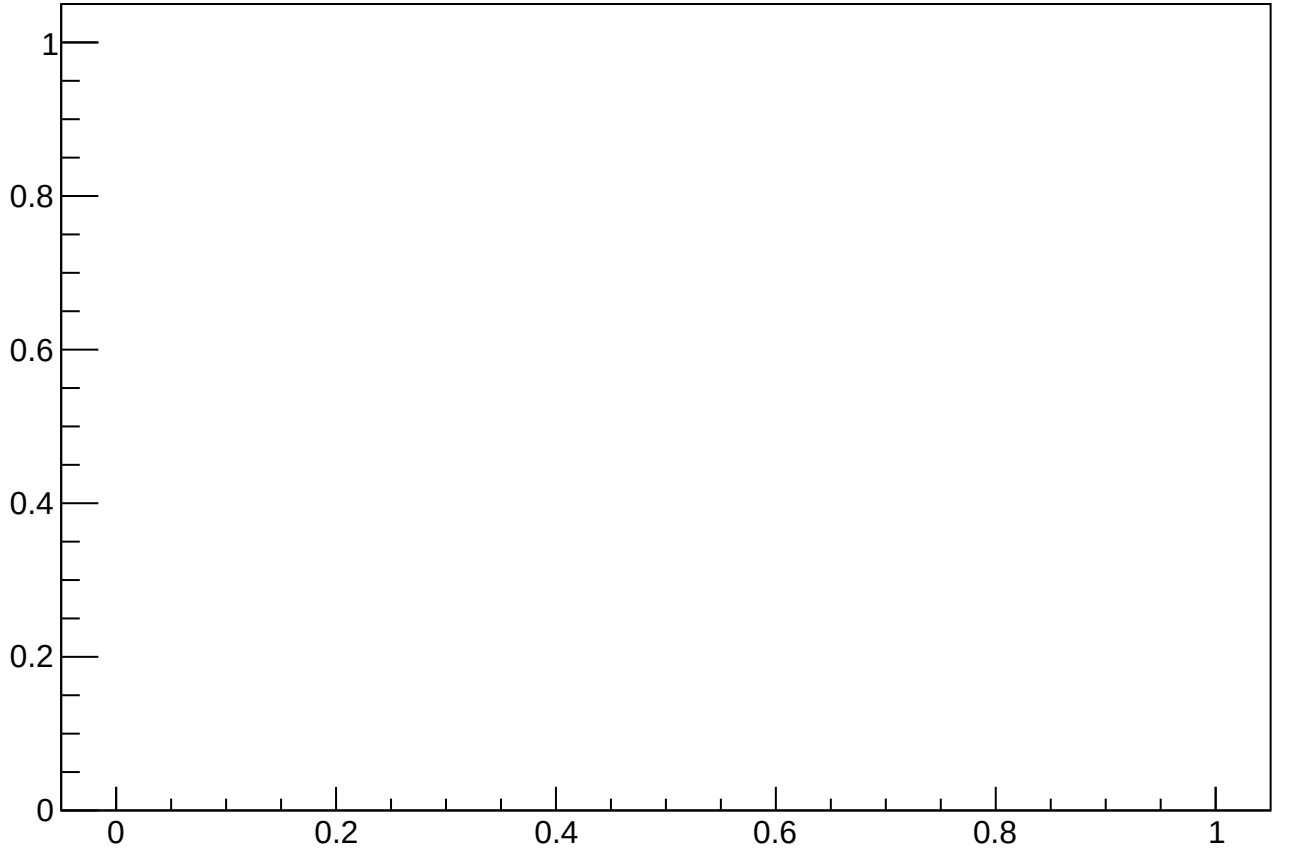
dit_4aX_coil7_mean vs Slug, Sign Corrected



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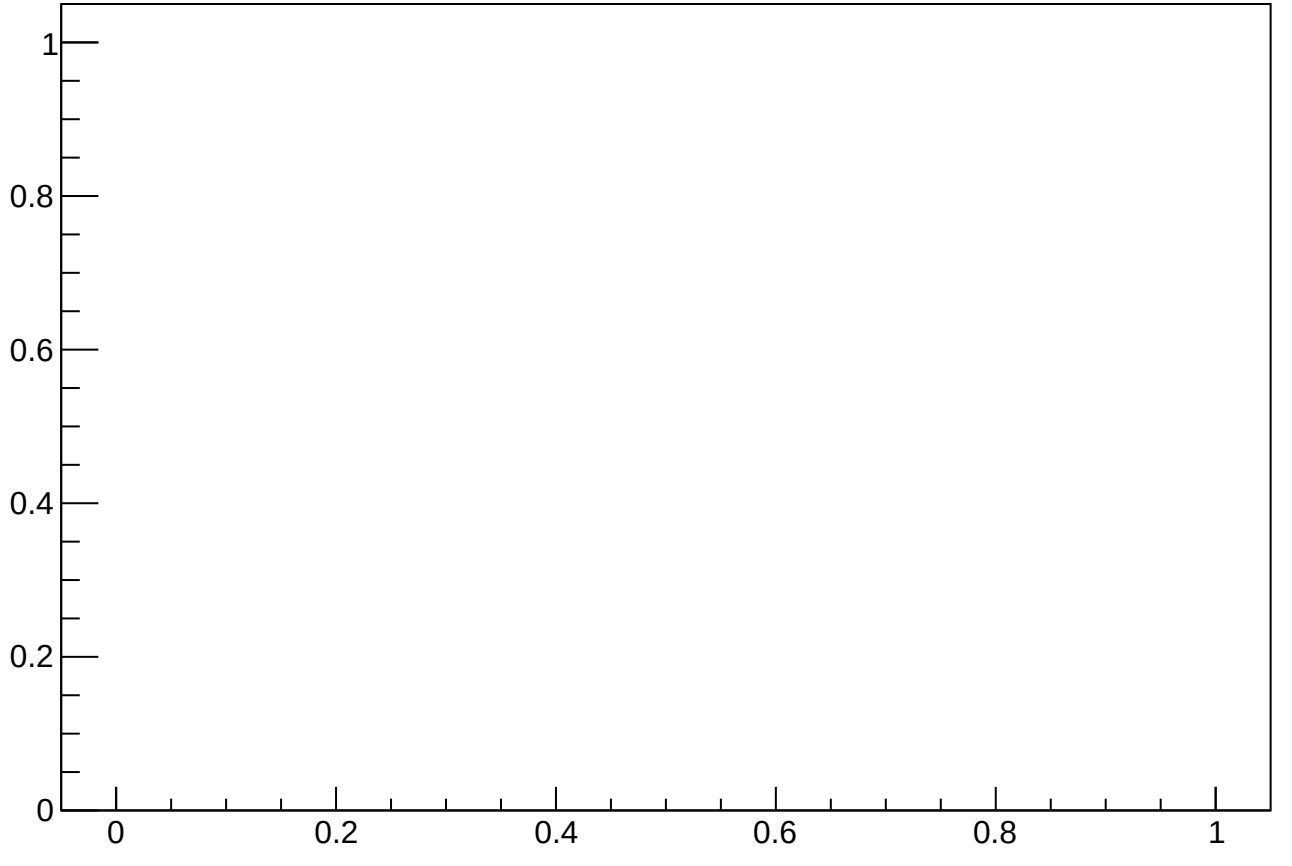
dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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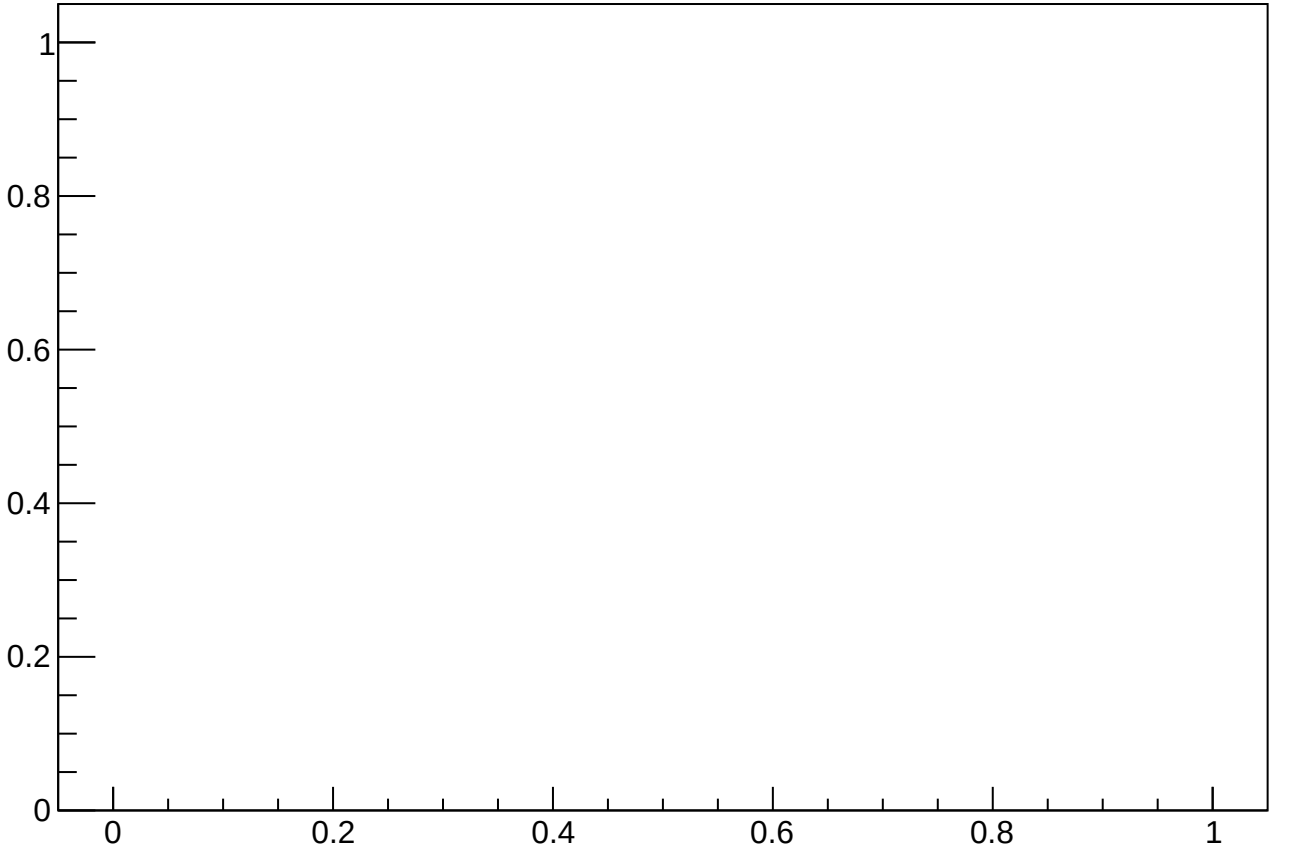
dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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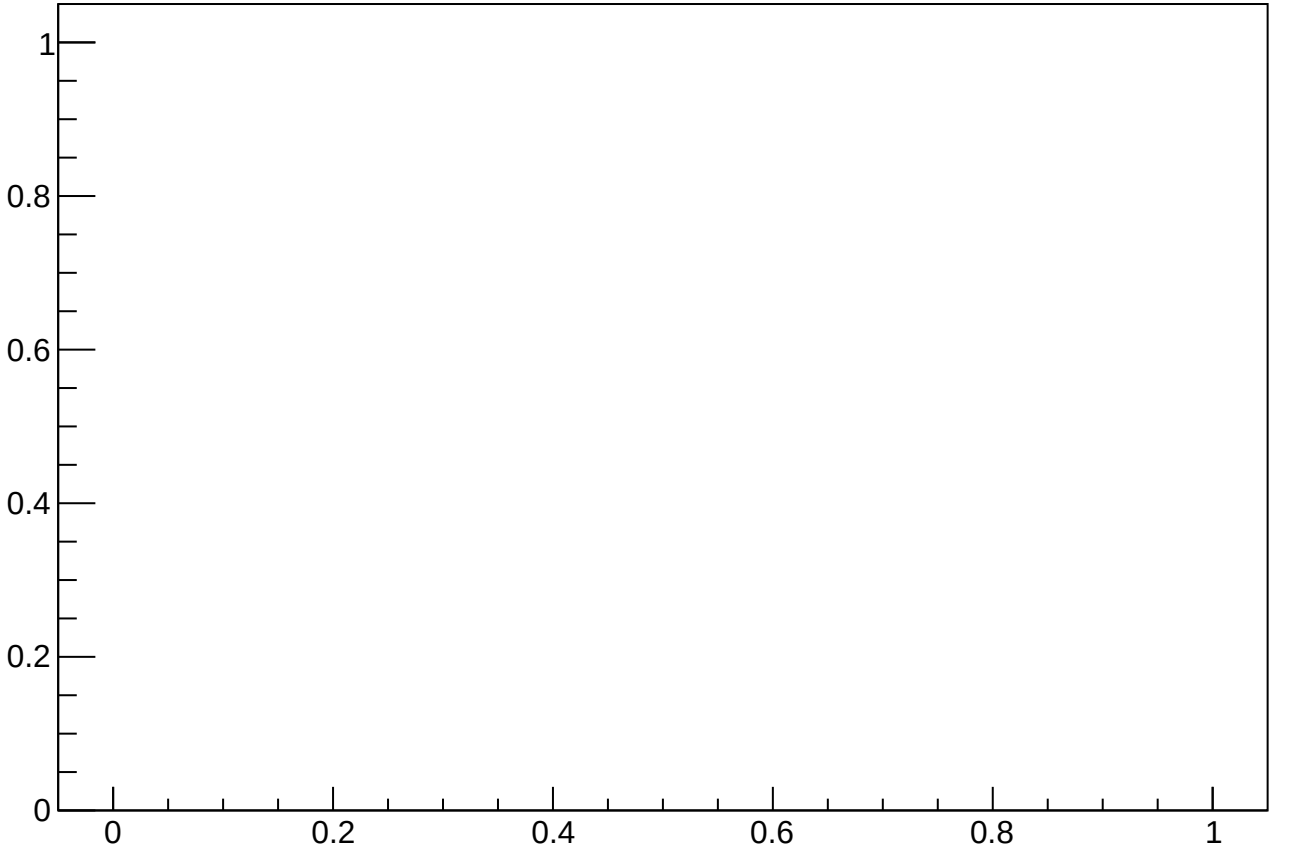
dit_4eX_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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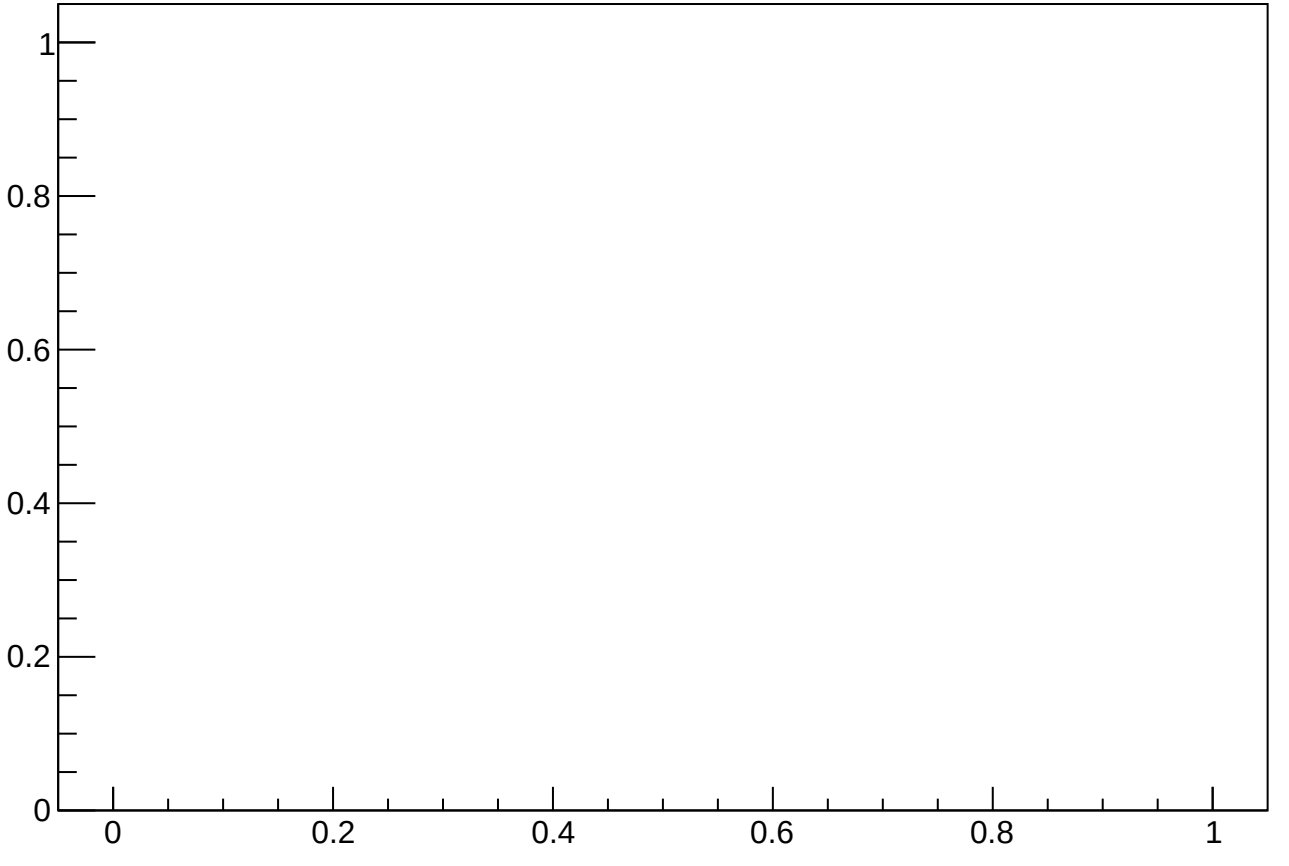
dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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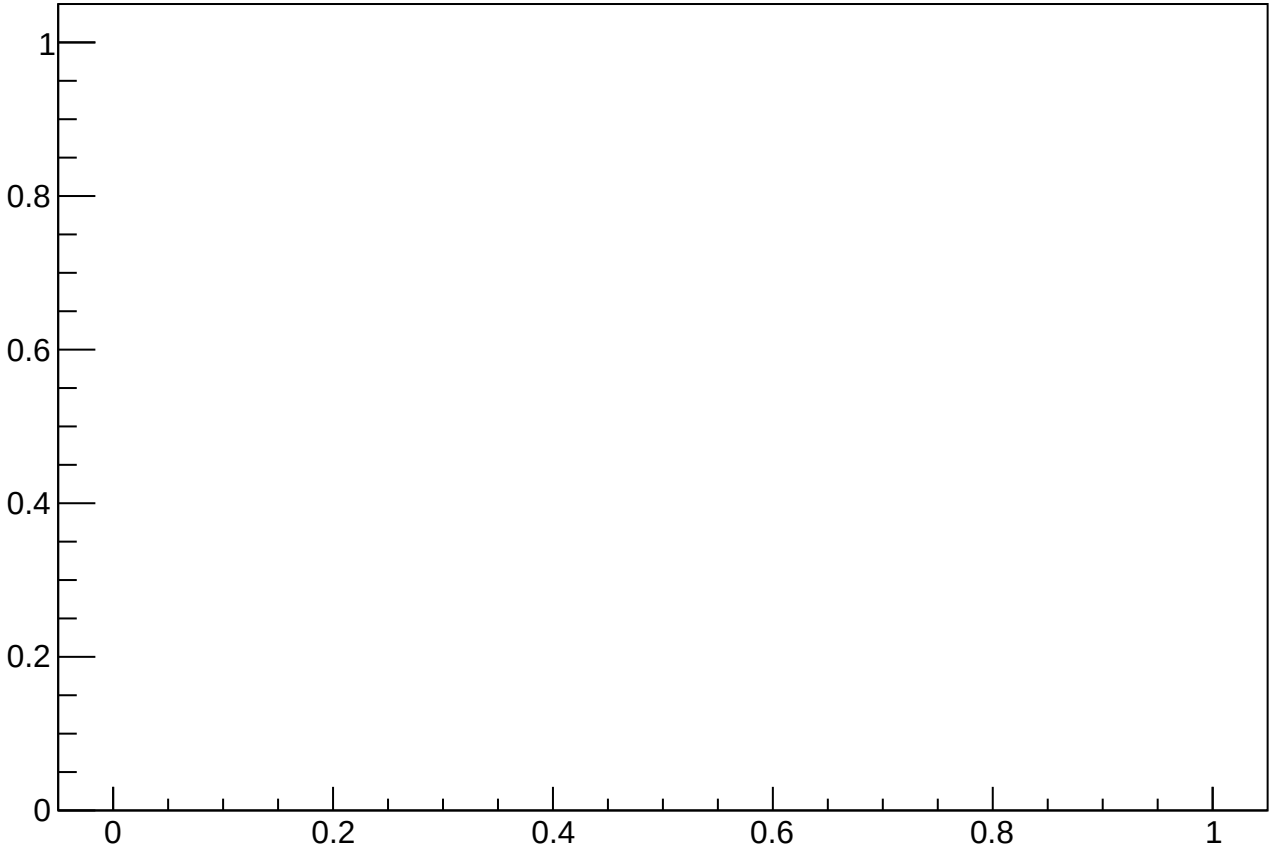
dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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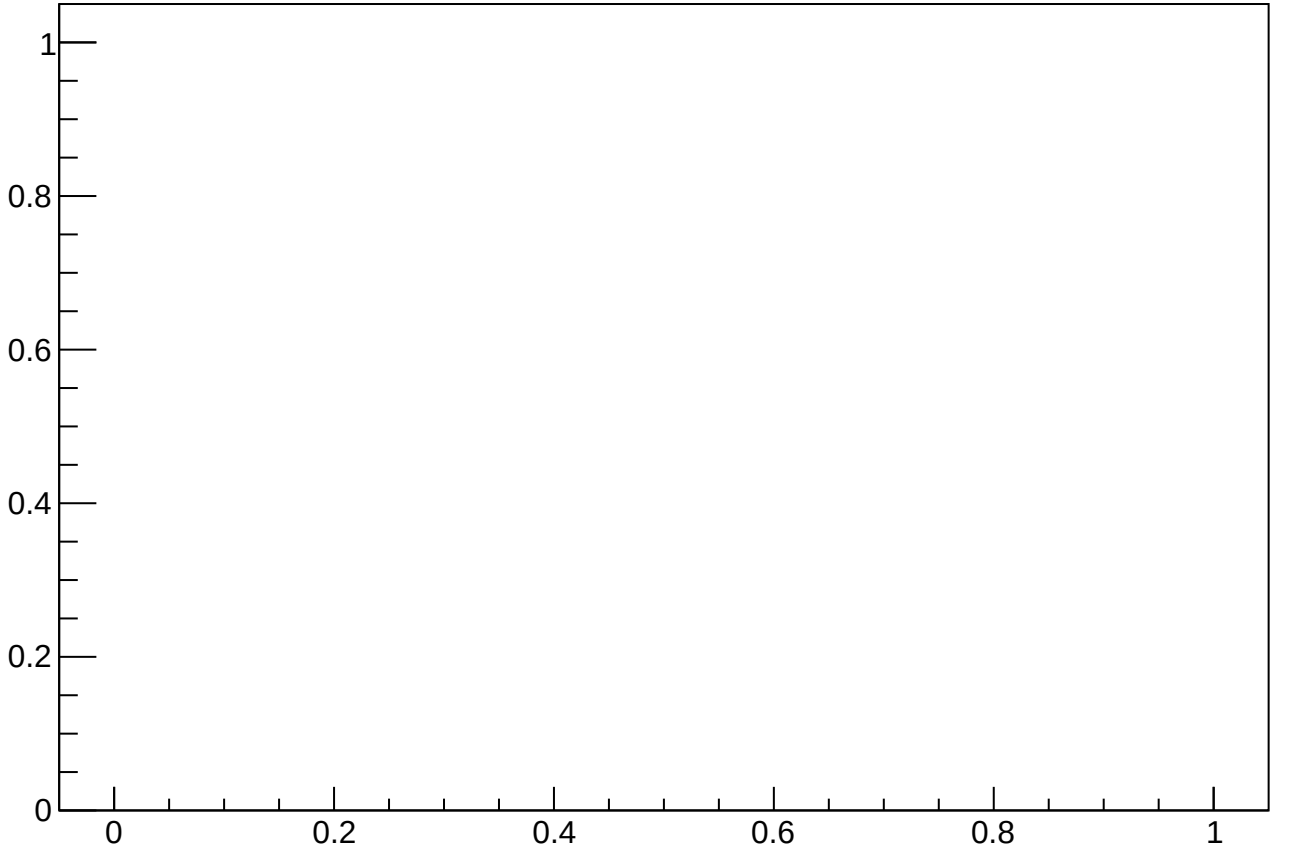
dit_11X12X_coil7_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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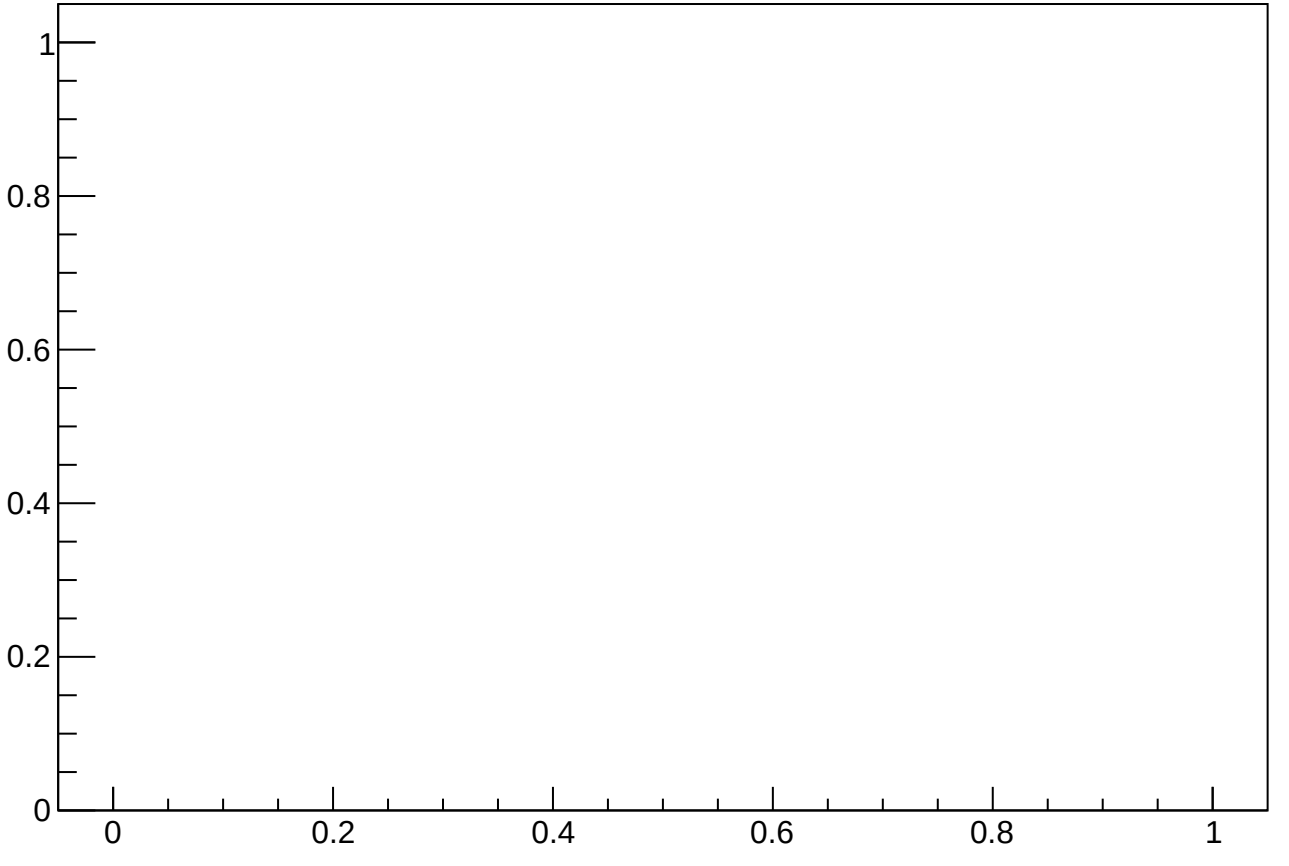
dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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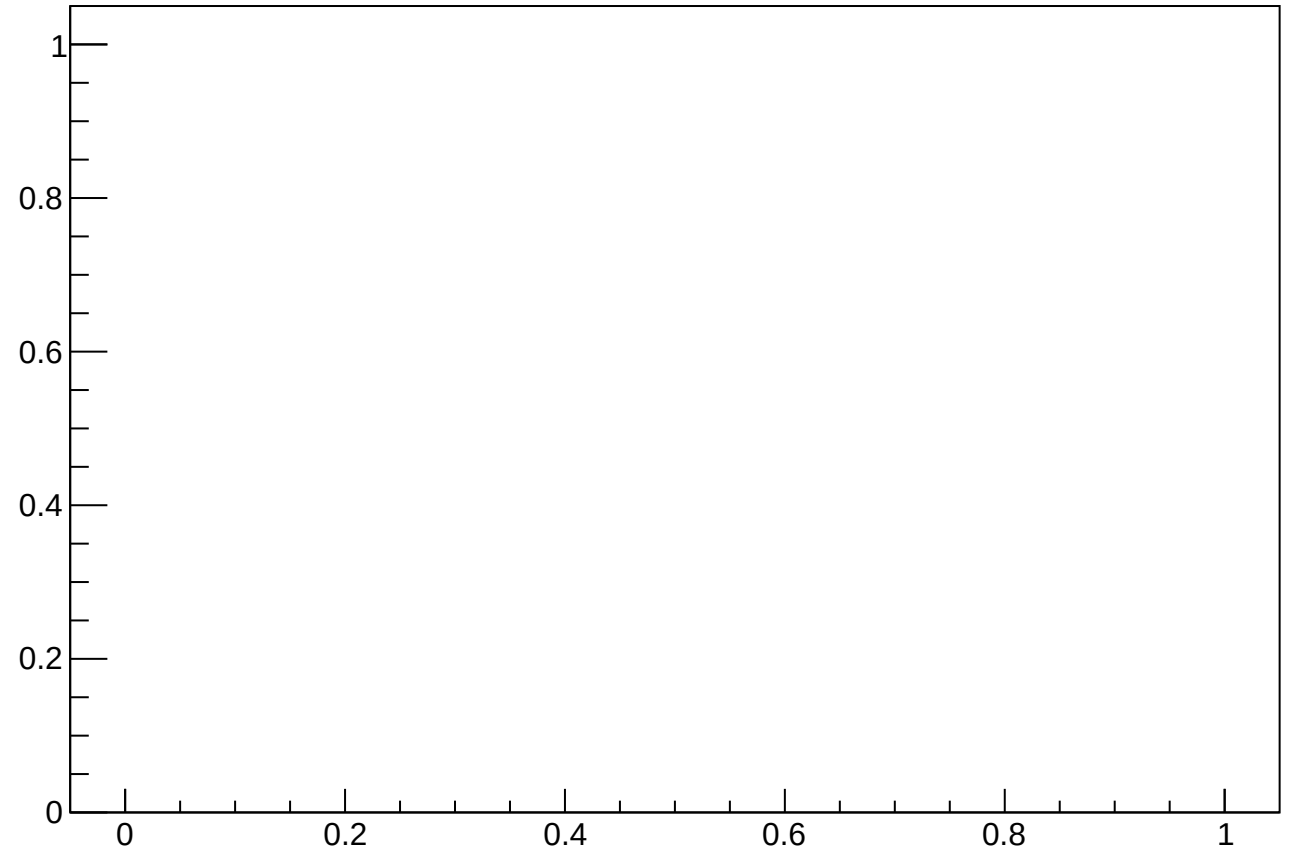

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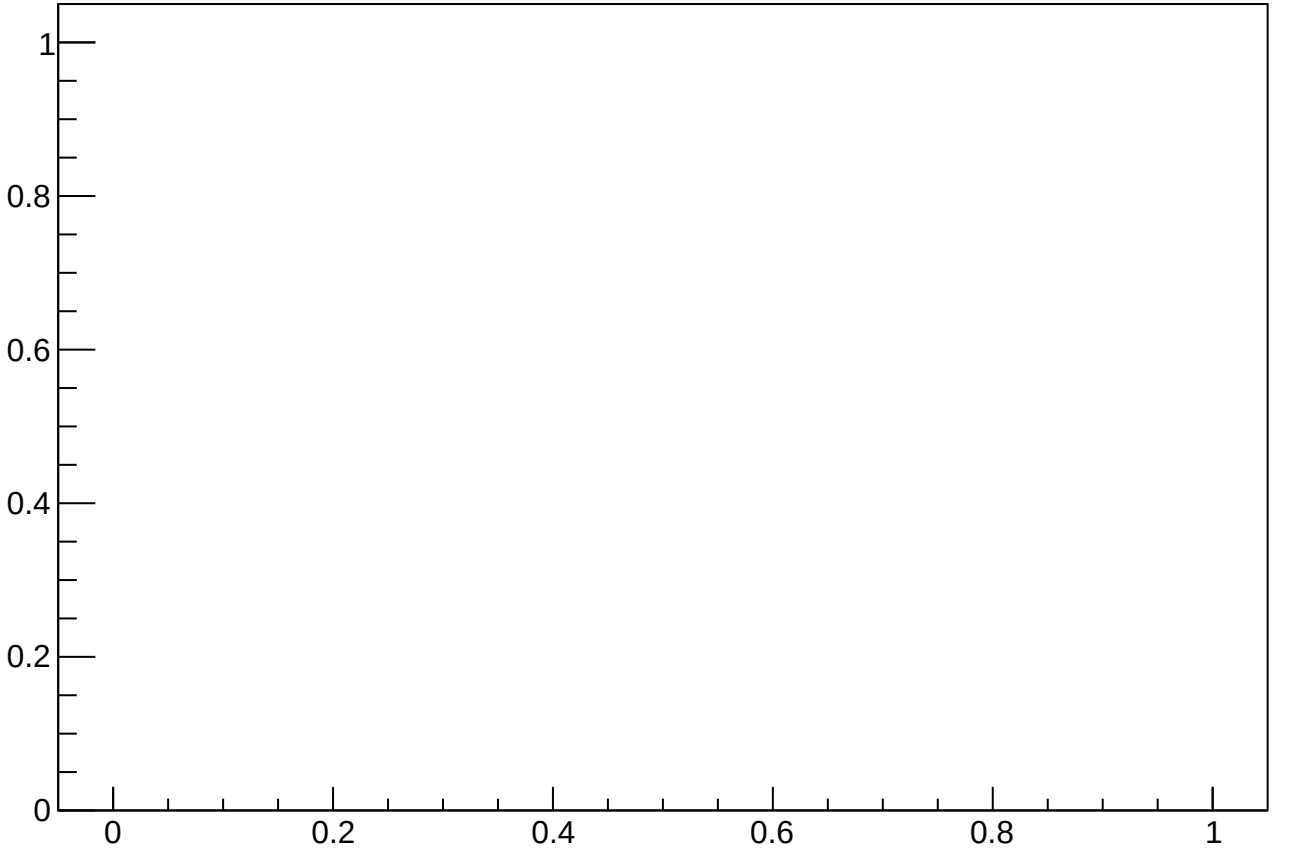
dit_4aY_coil7_mean vs Slug, Sign Corrected



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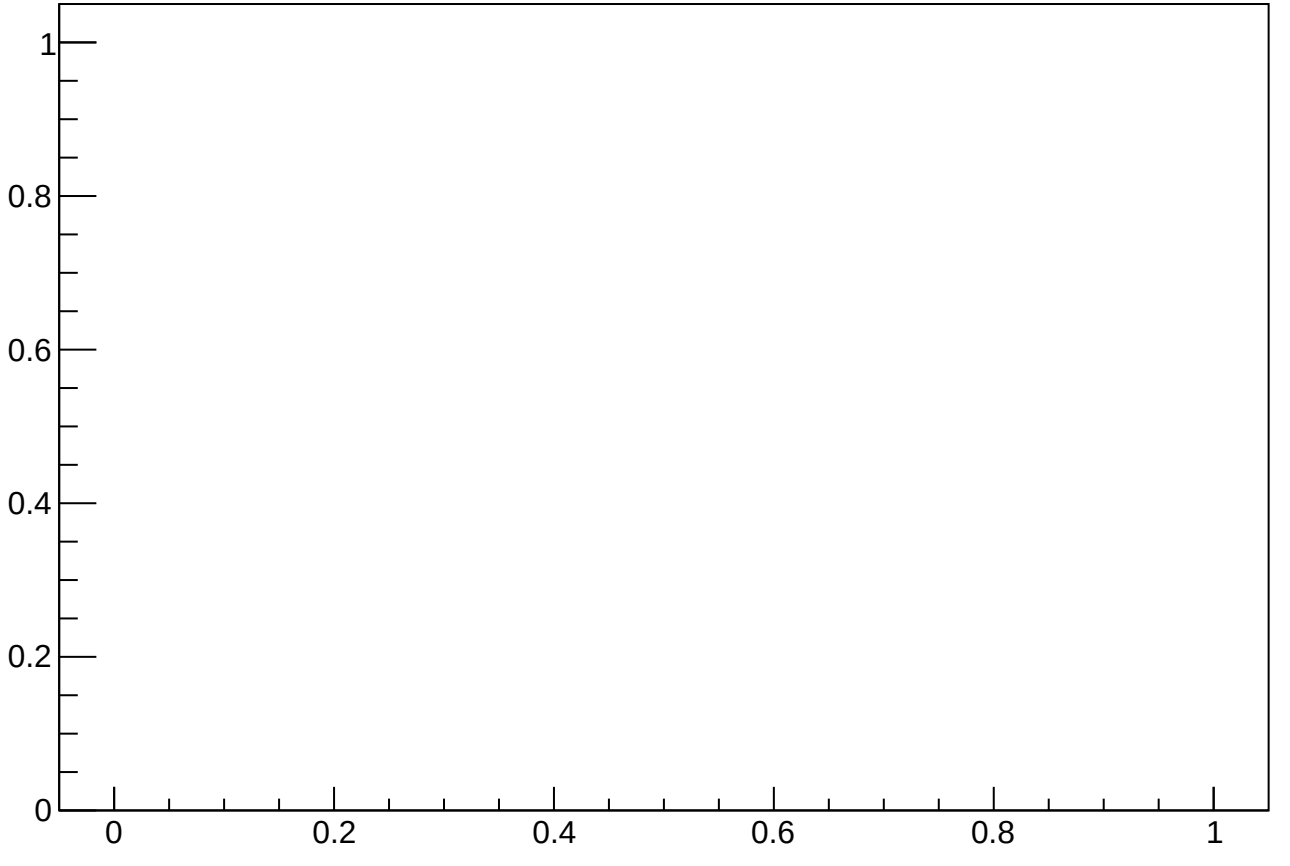
dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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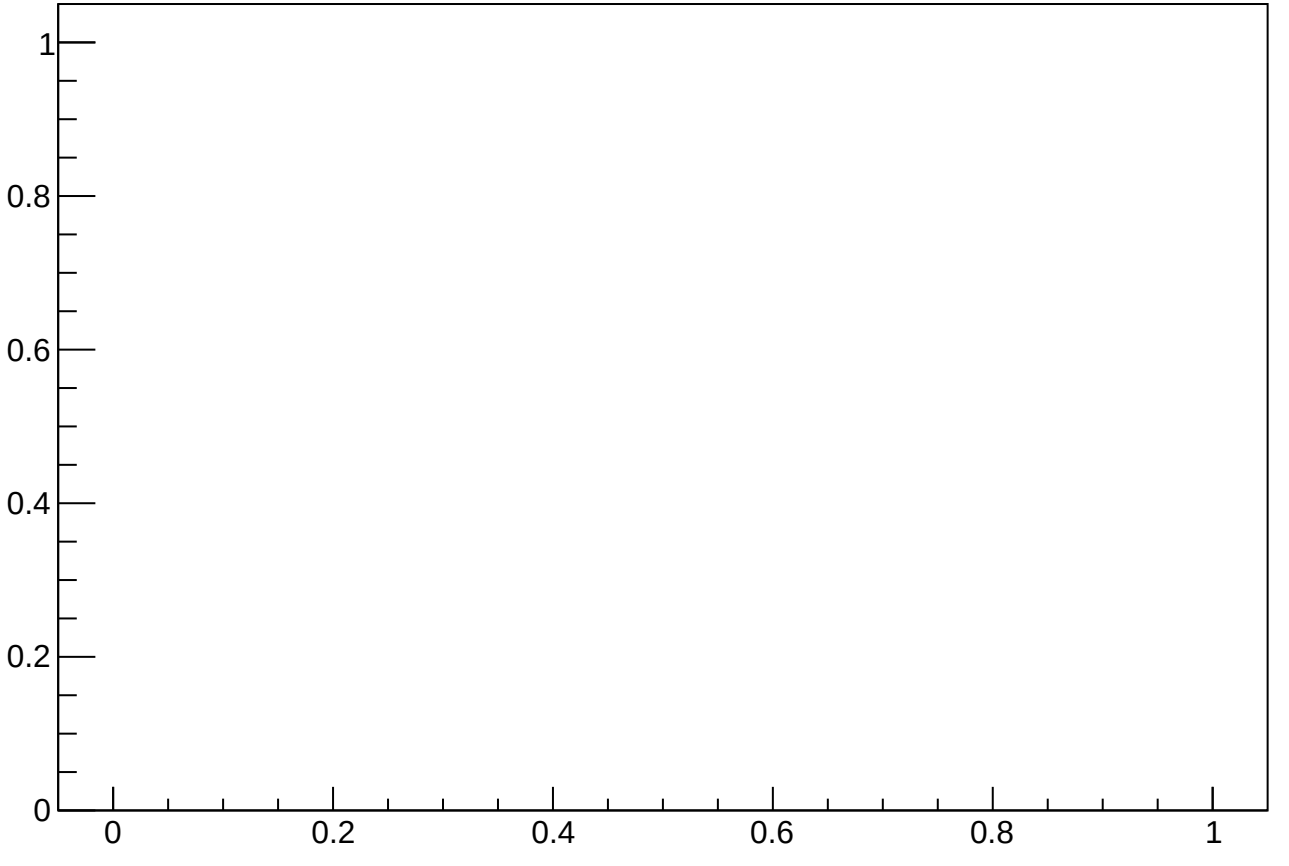
dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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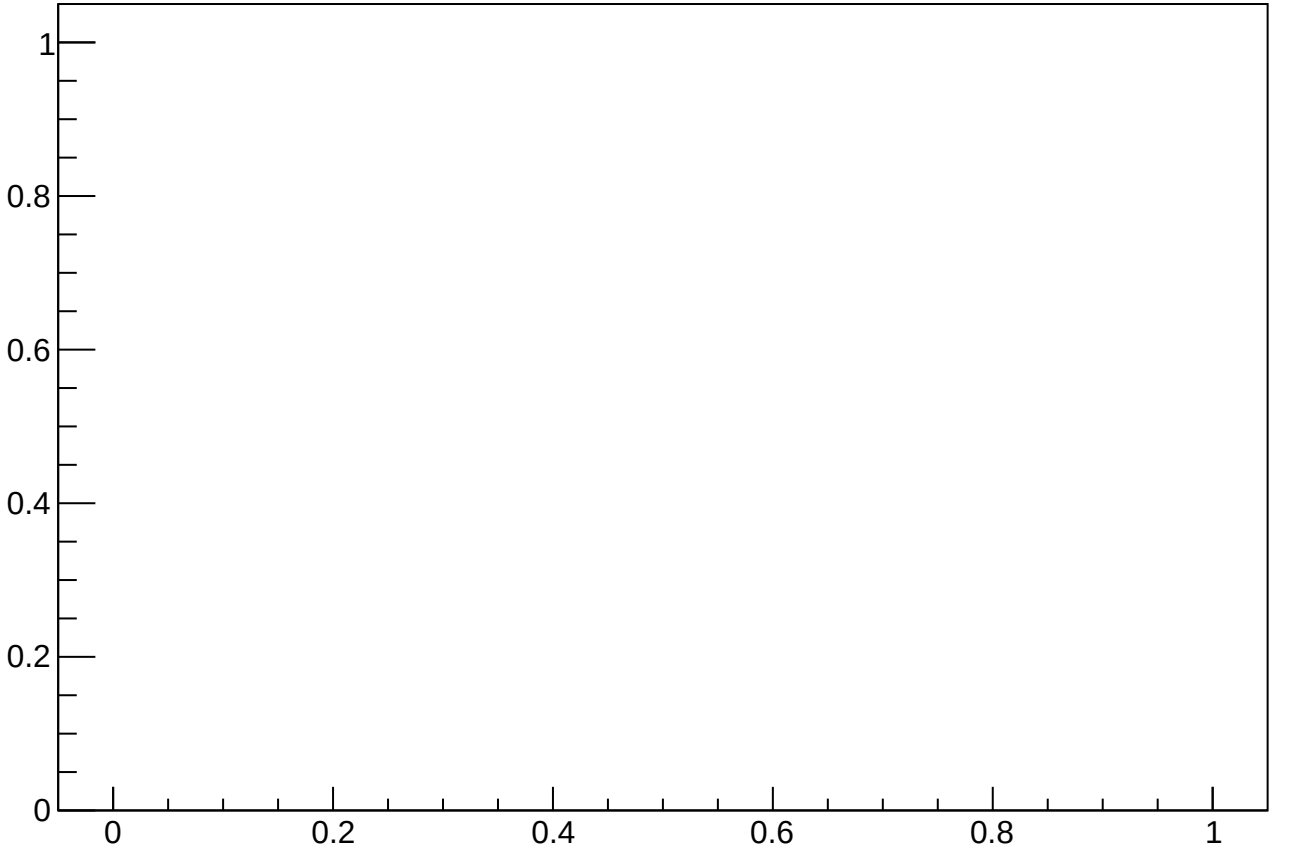
dit_4eY_coil7_mean vs Slug, Sign Corrected



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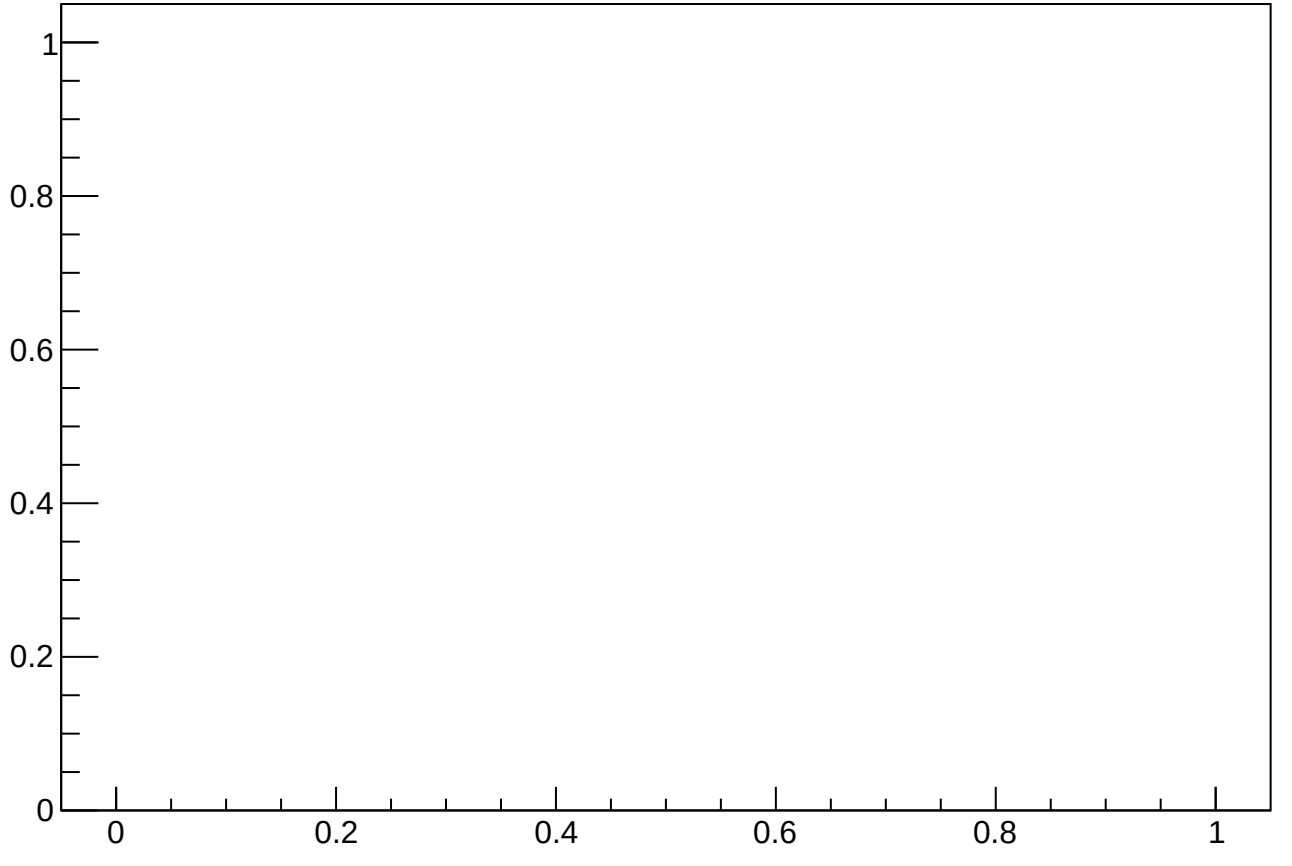
dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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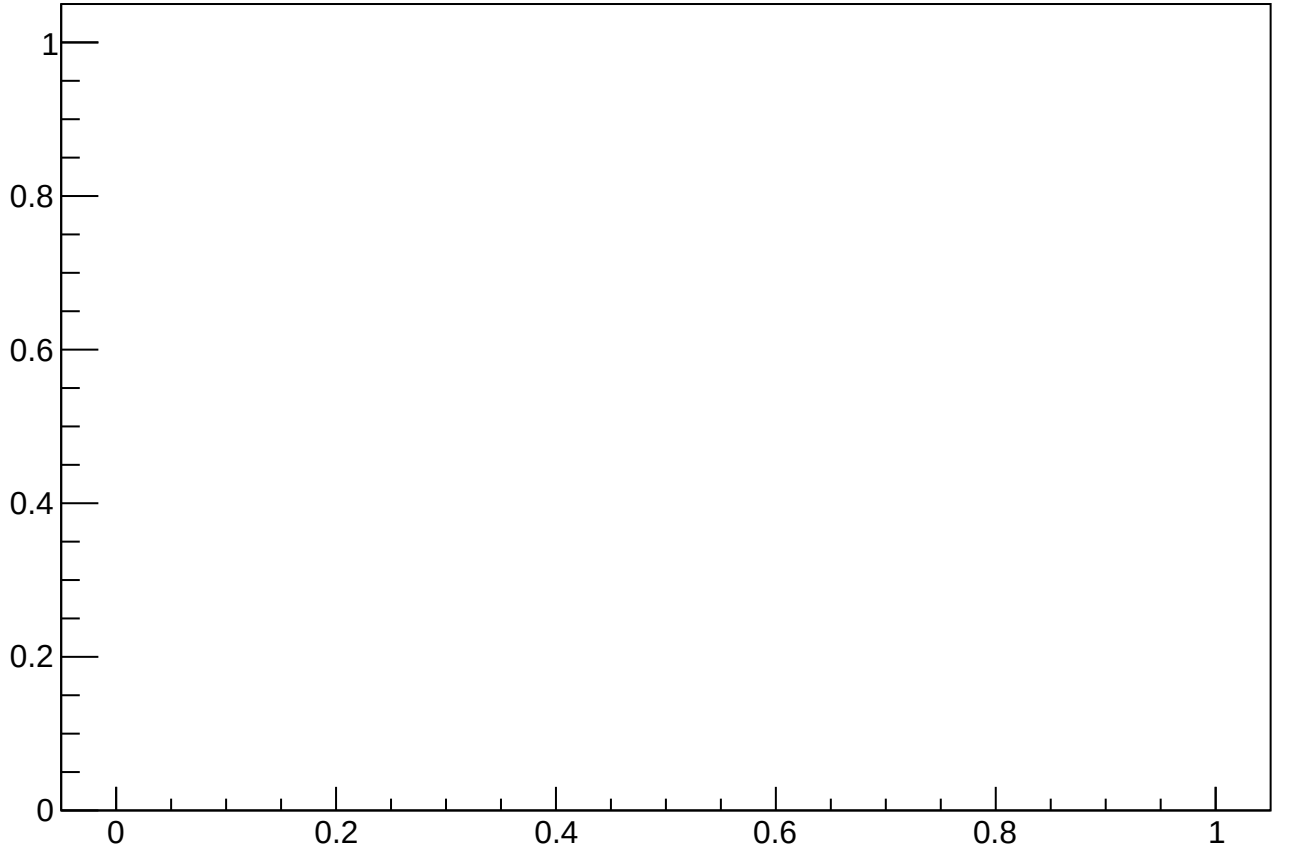
dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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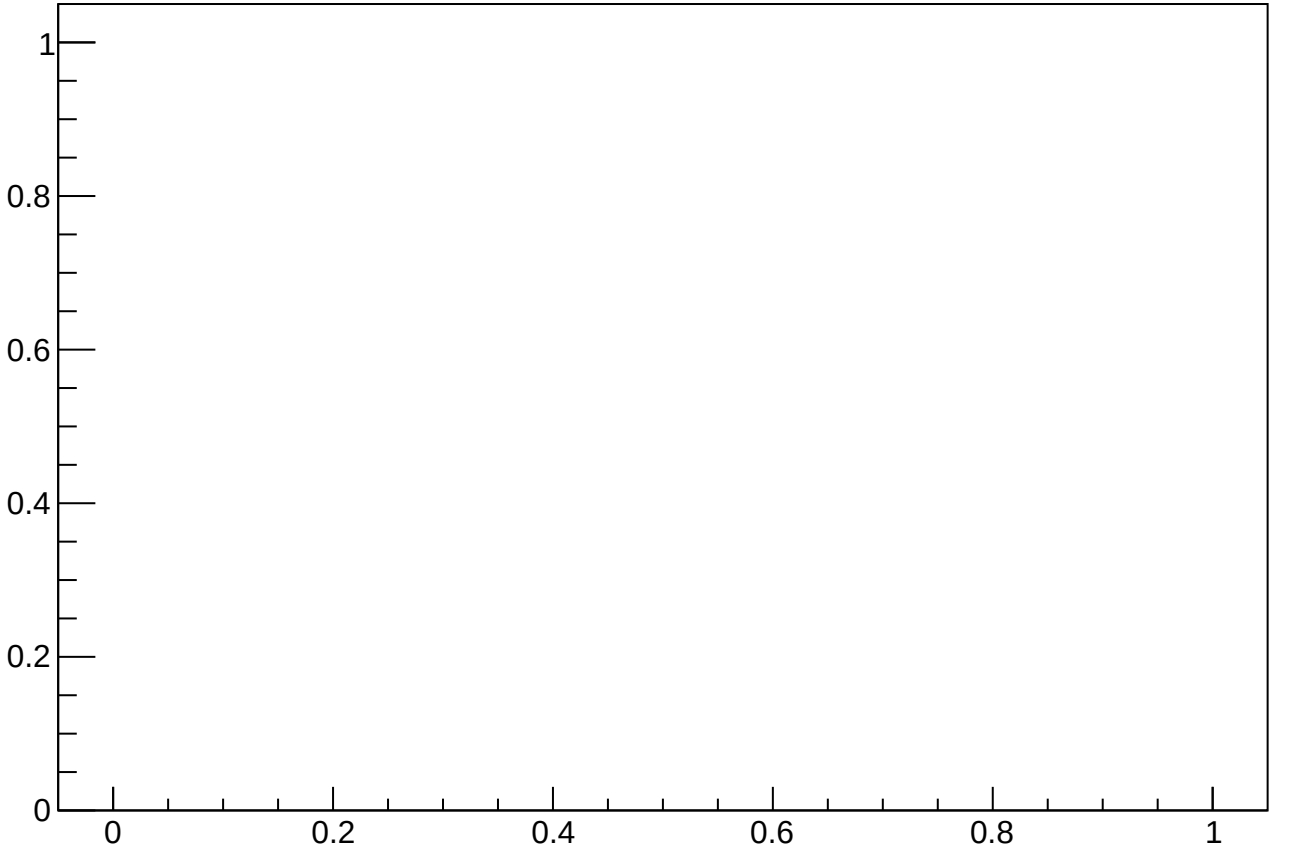
dit_usl_coil7_mean vs Slug, Sign Corrected



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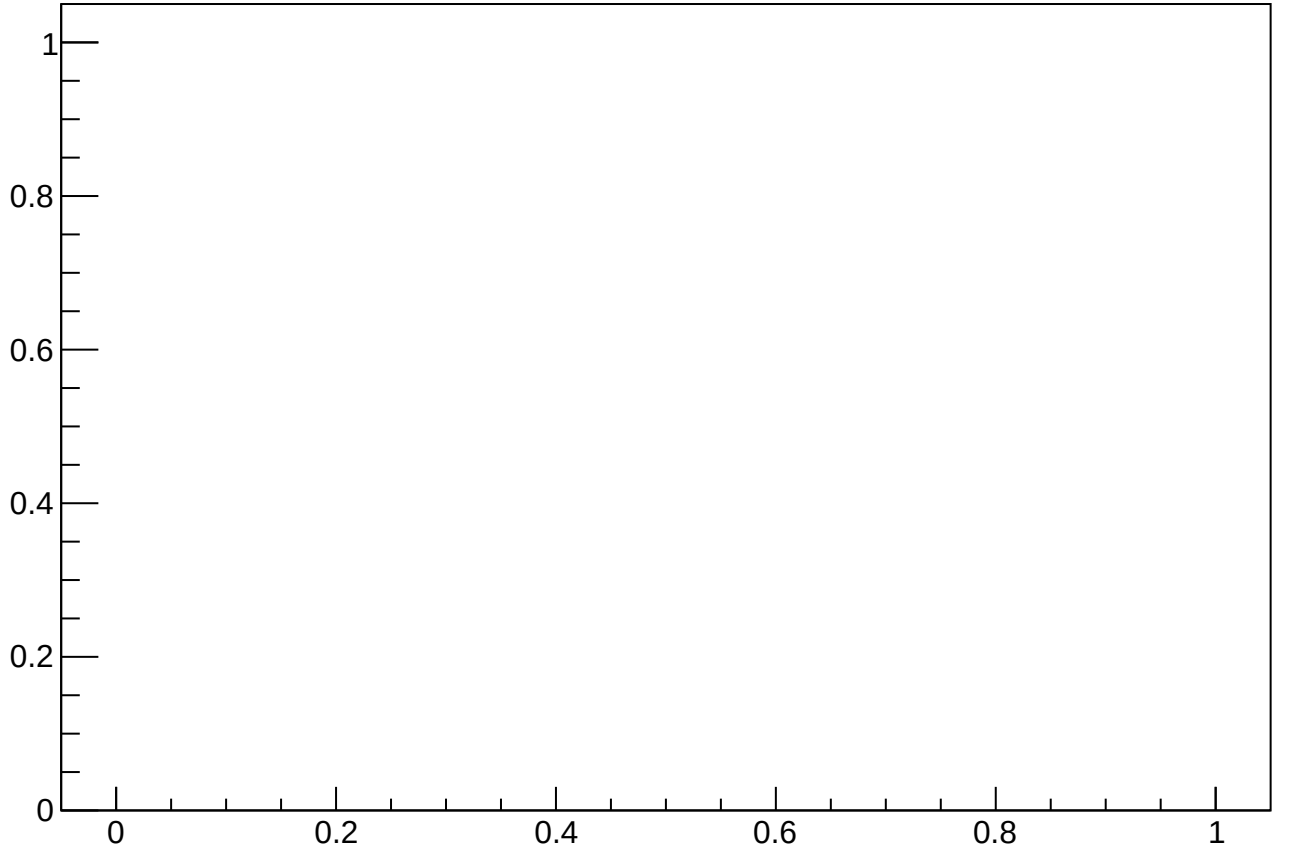
dit_usl_coil7_err_mean vs Slug, Sign Corrected



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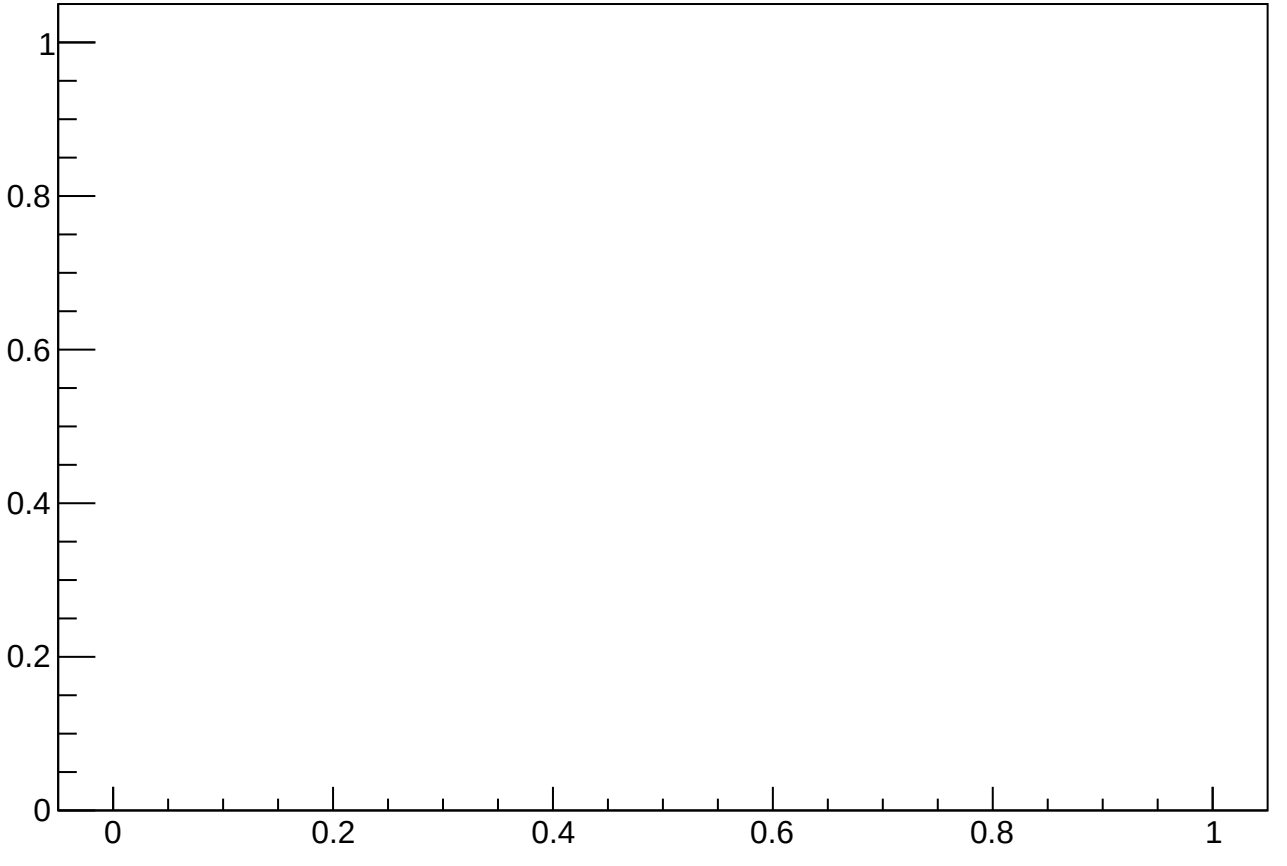
dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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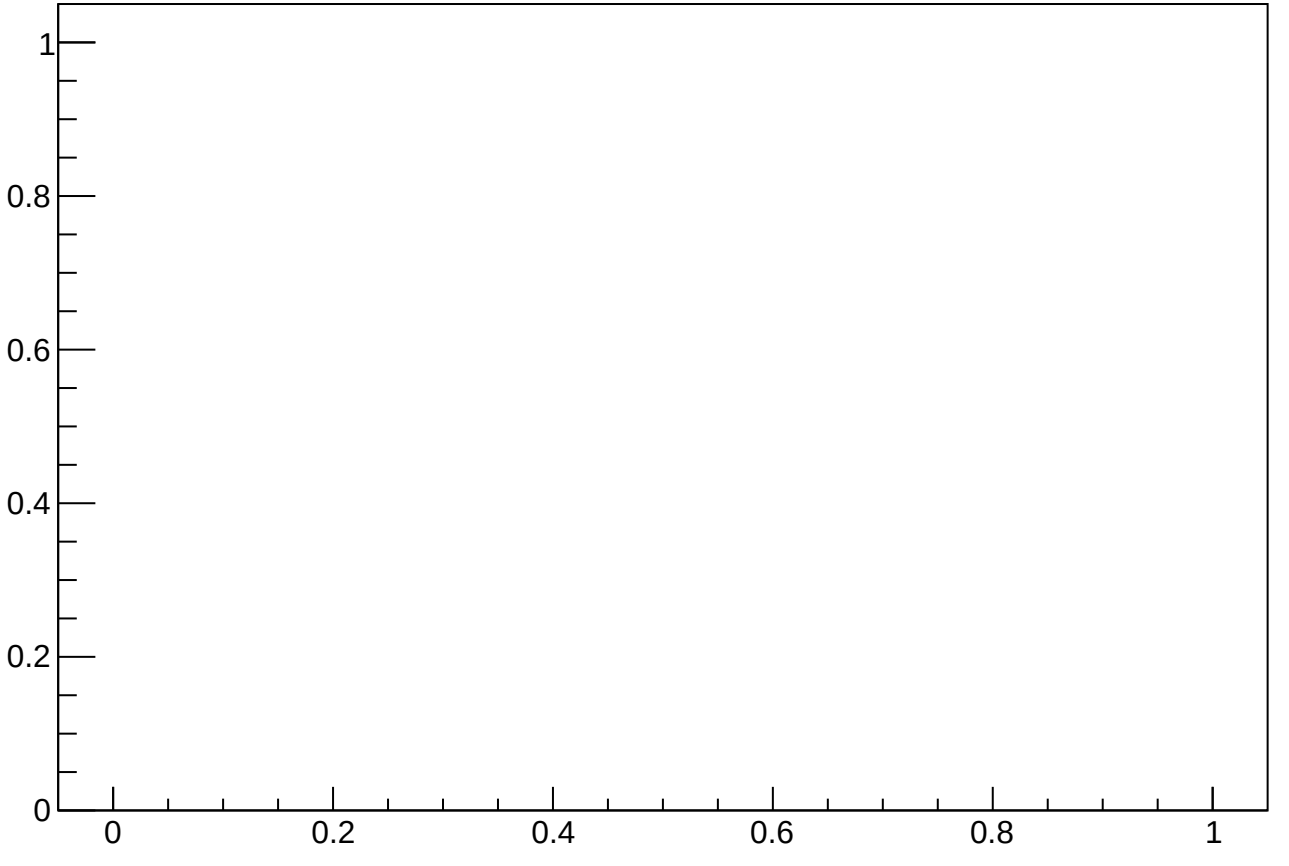
dit_usr_coil7_mean vs Slug, Sign Corrected



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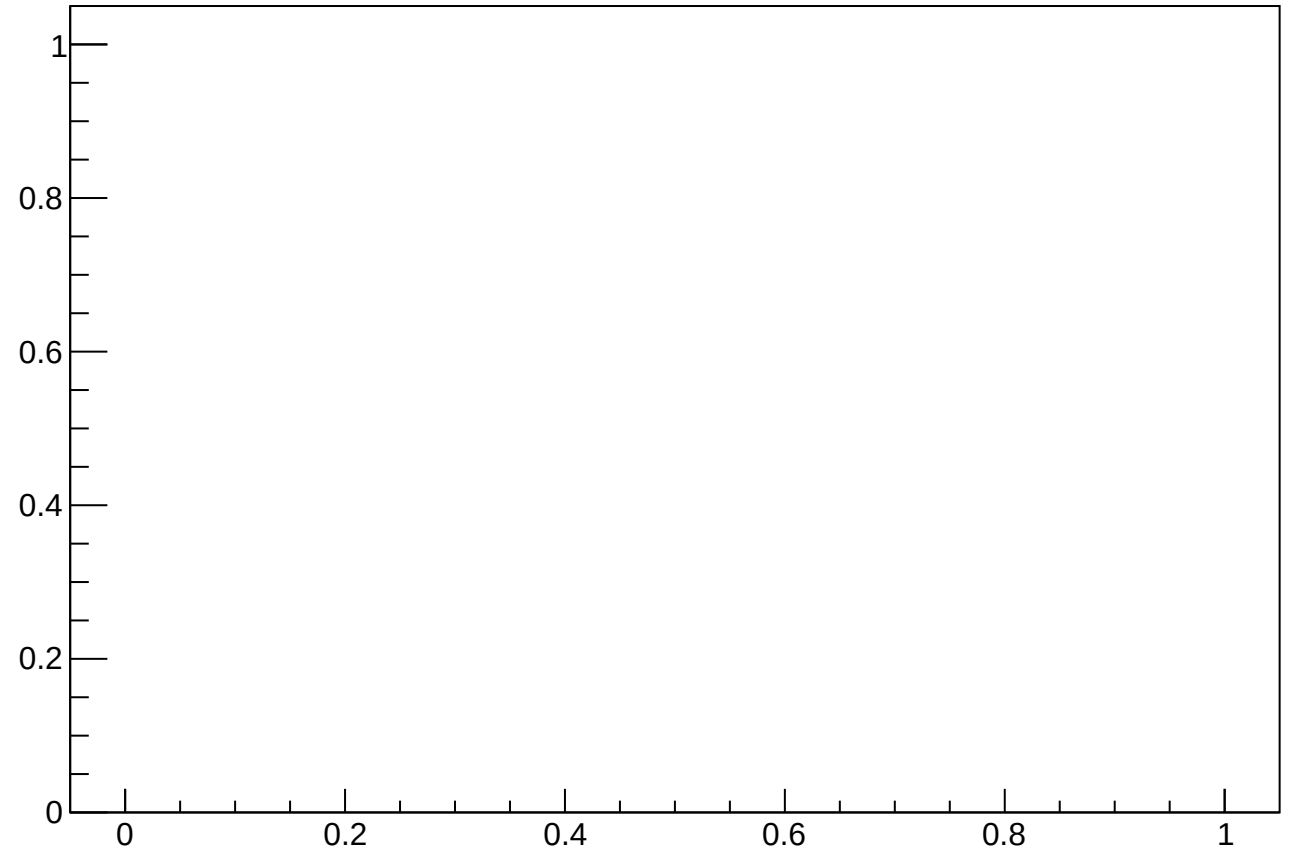

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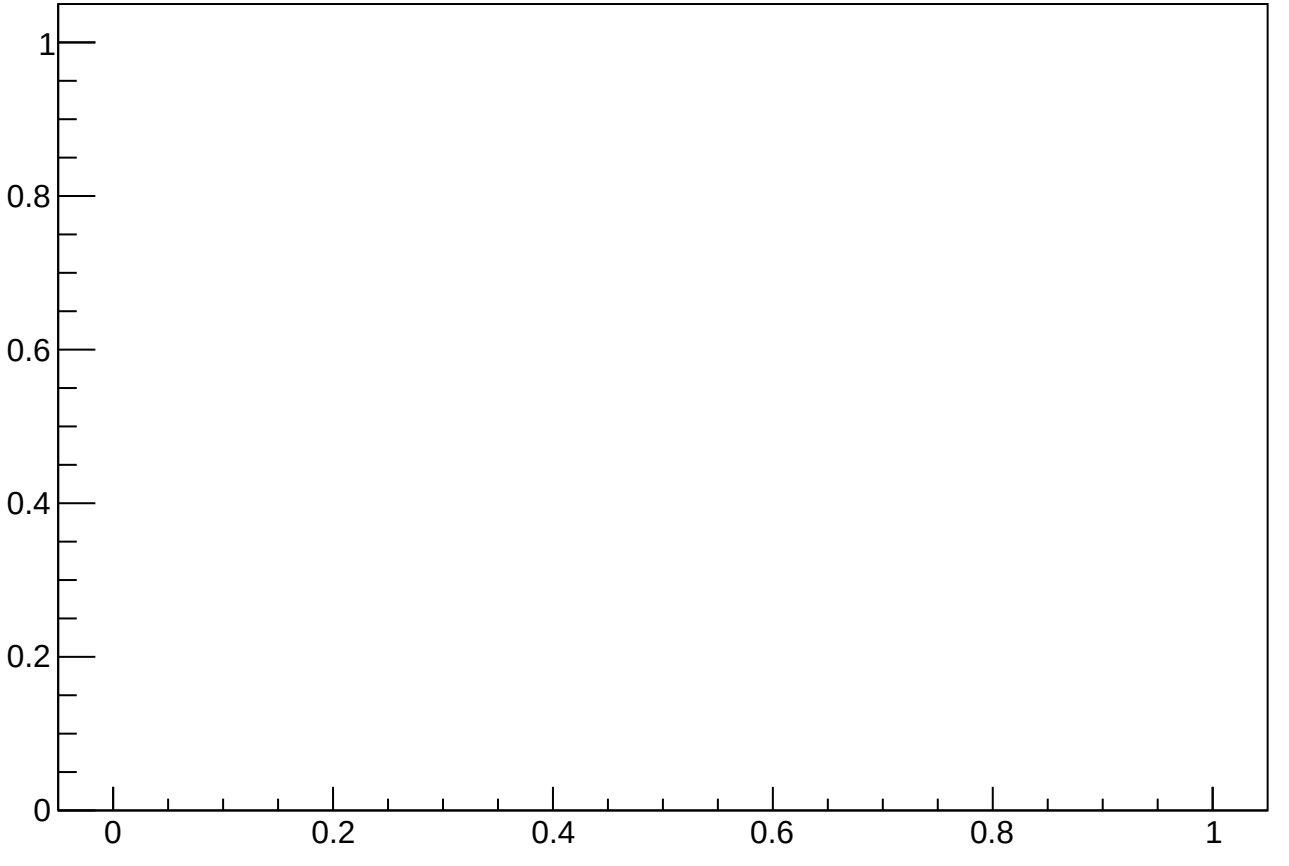
dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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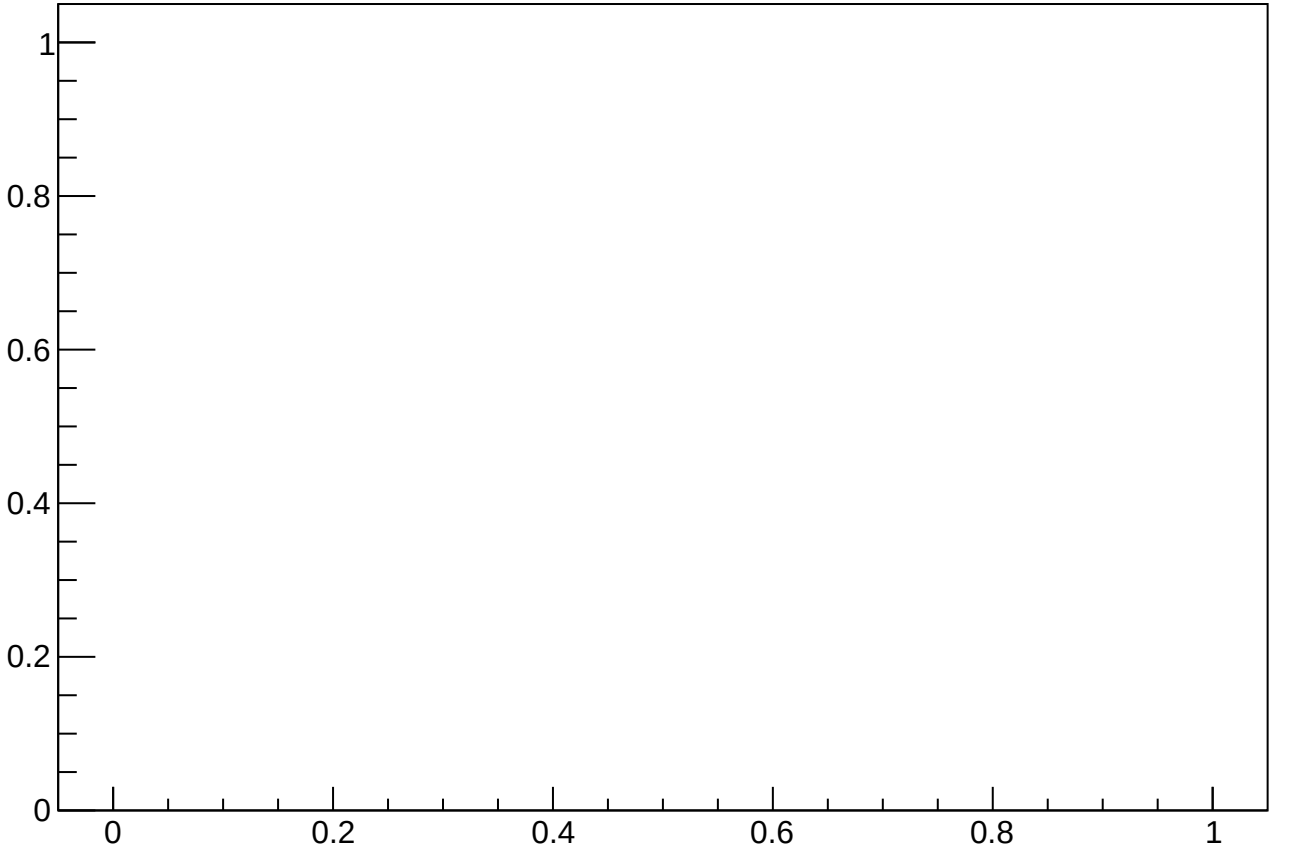
dit_atl1_coil7_mean vs Slug, Sign Corrected



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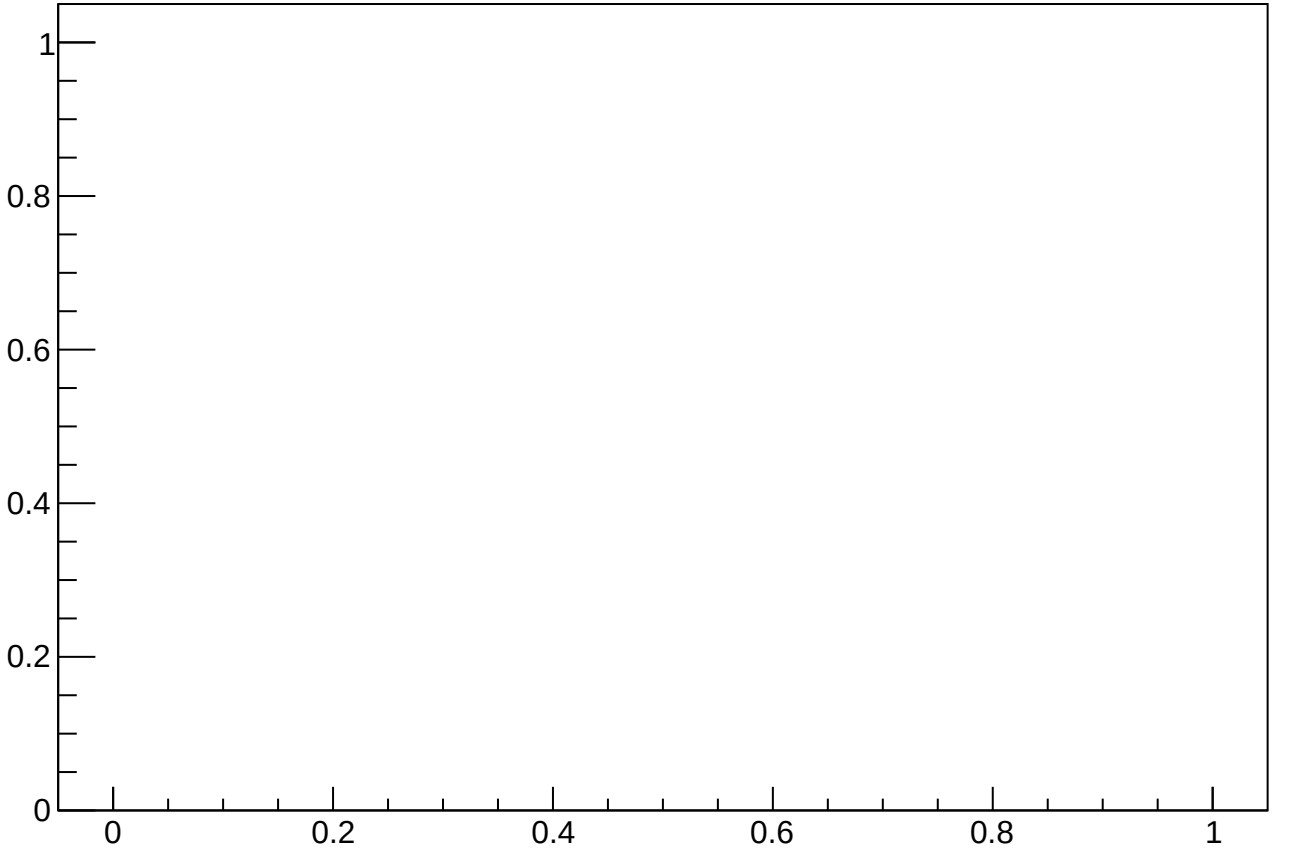
dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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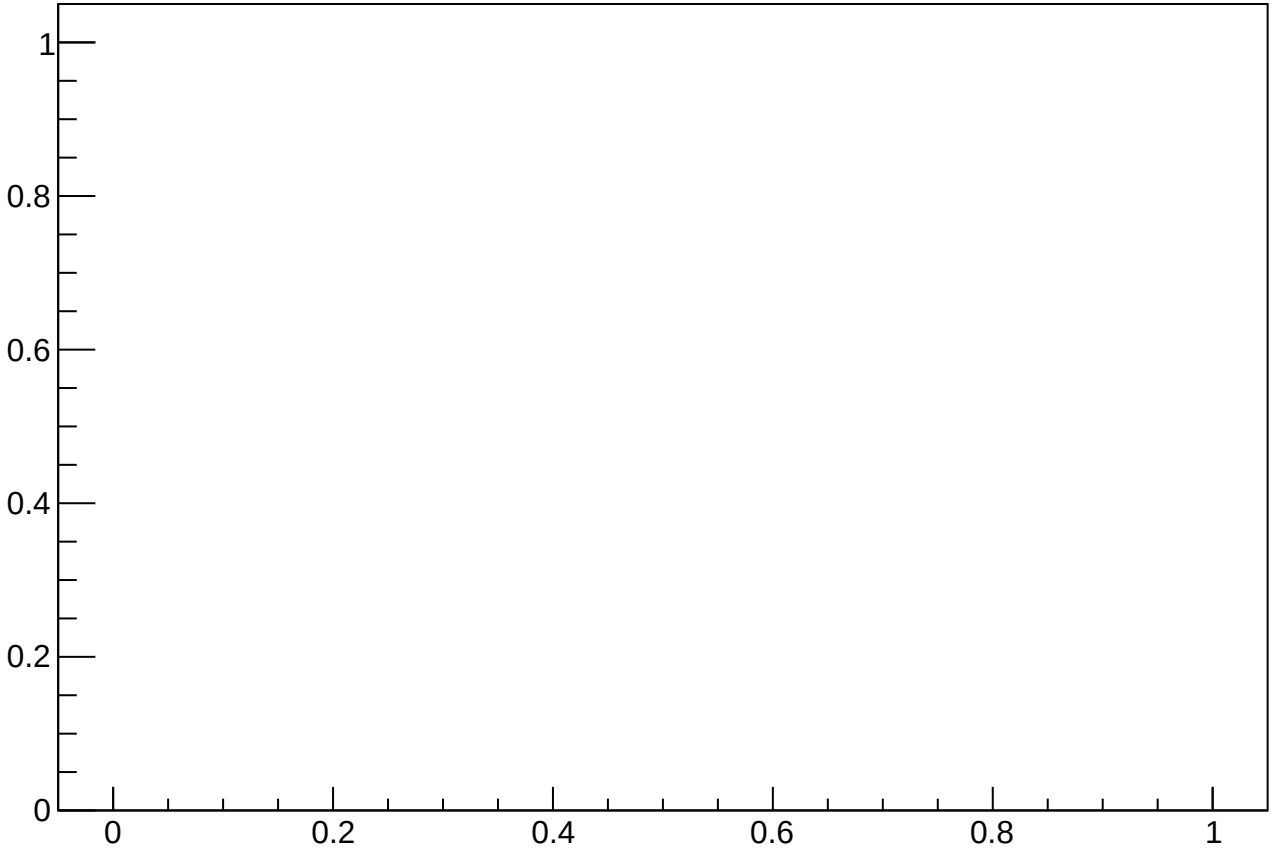
dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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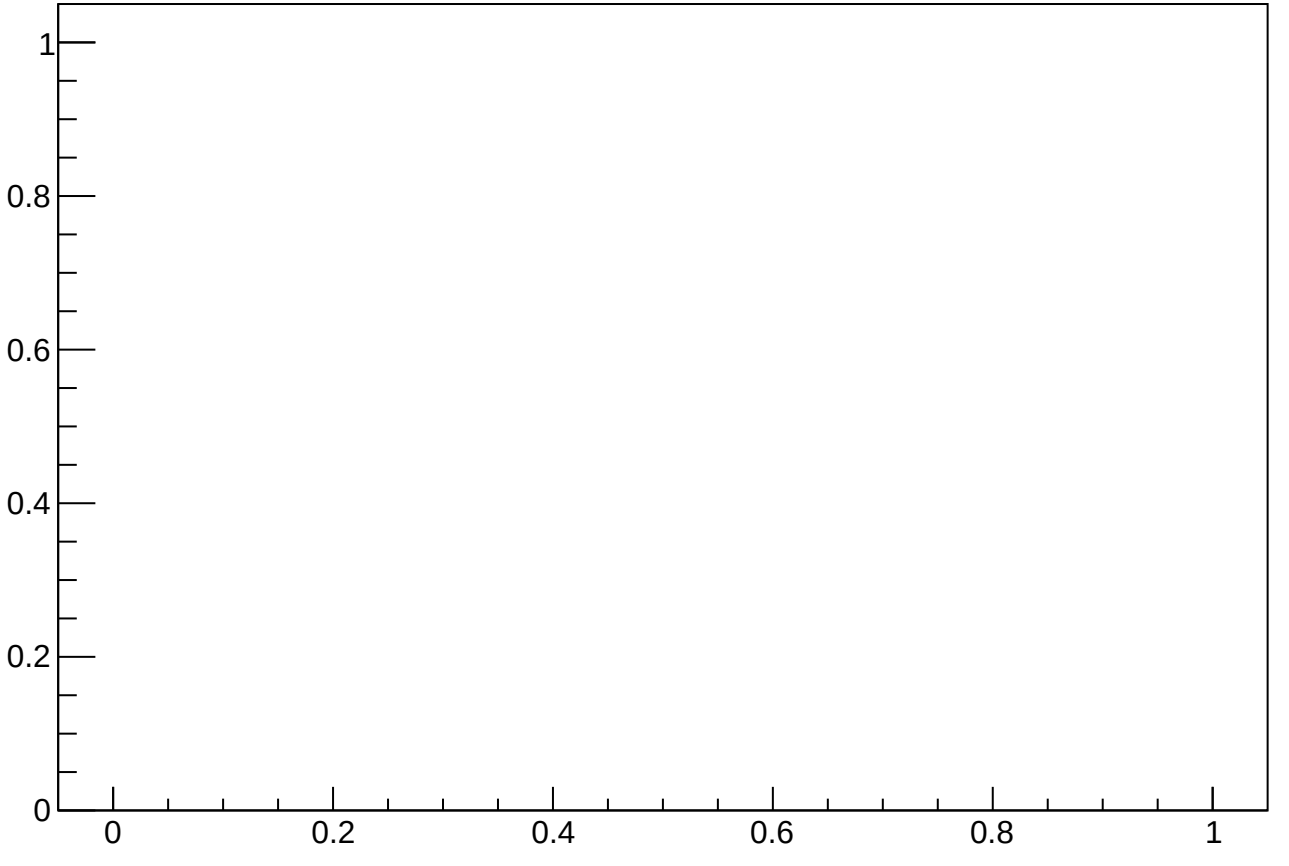
dit_atl2_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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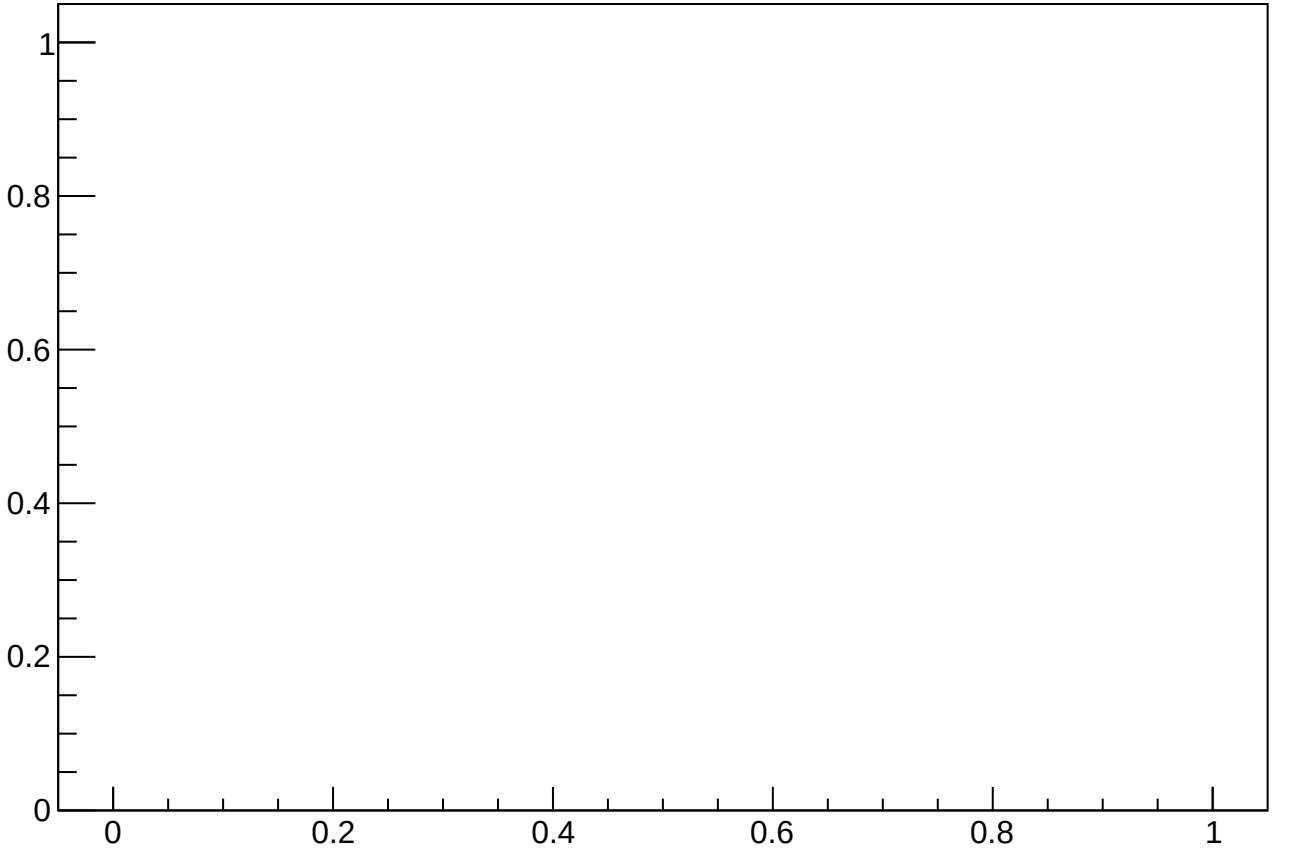
dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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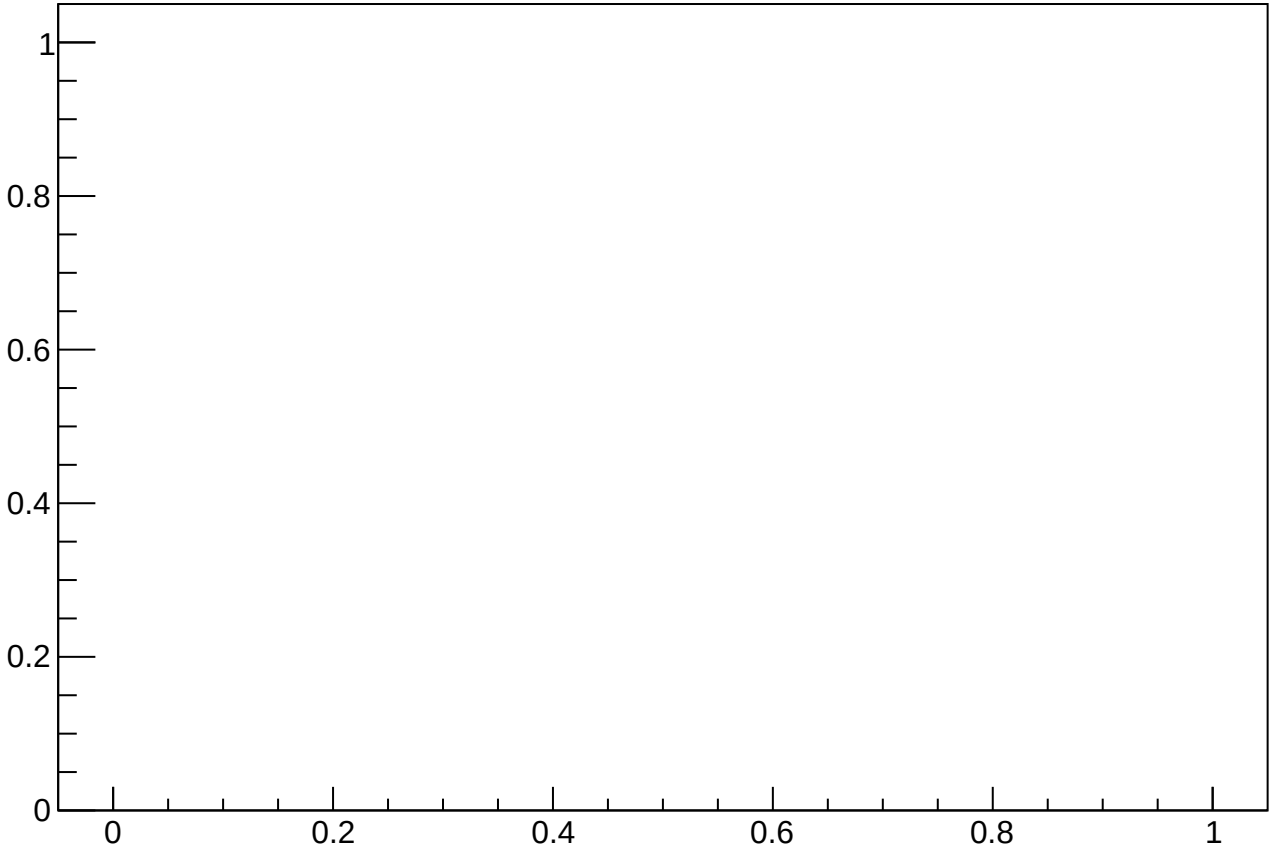
dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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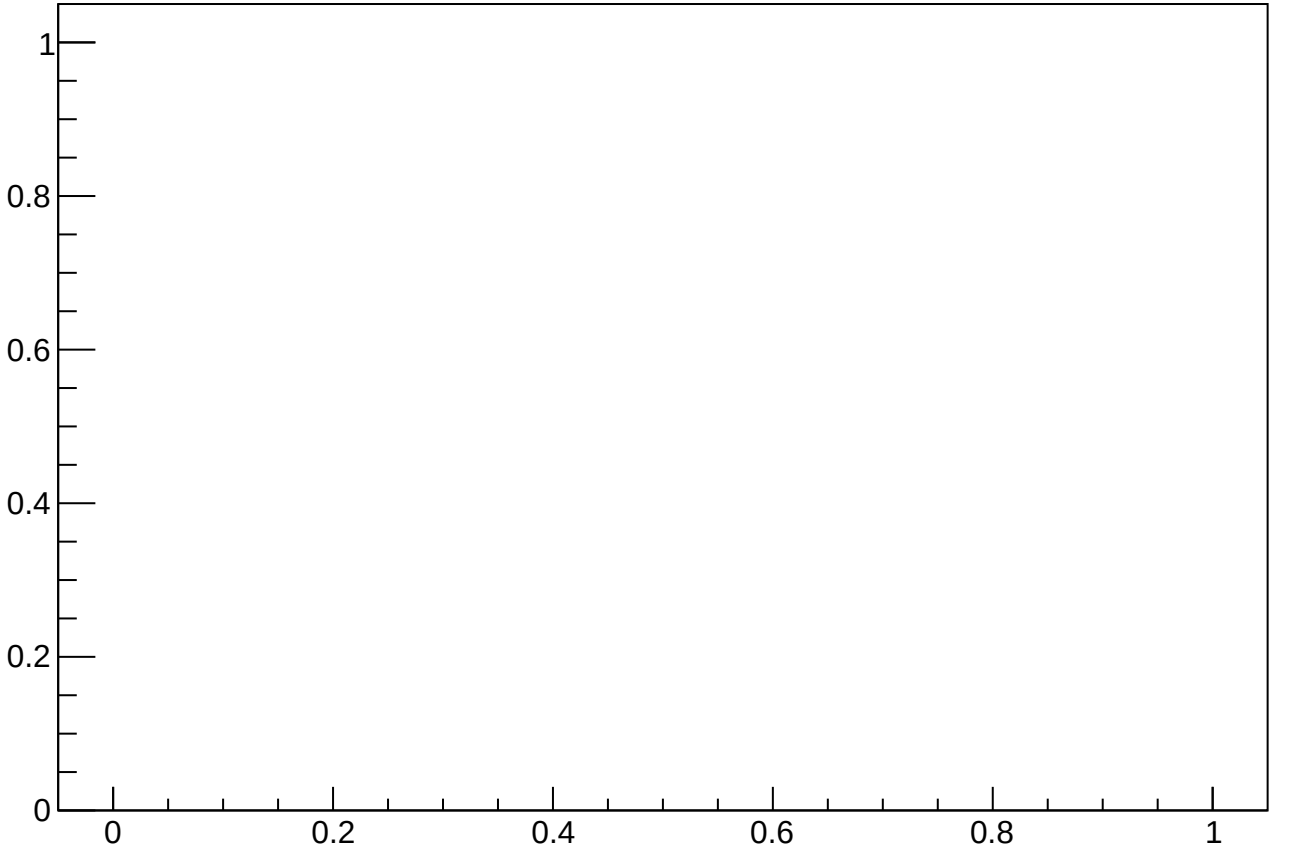
dit_atr1_coil7_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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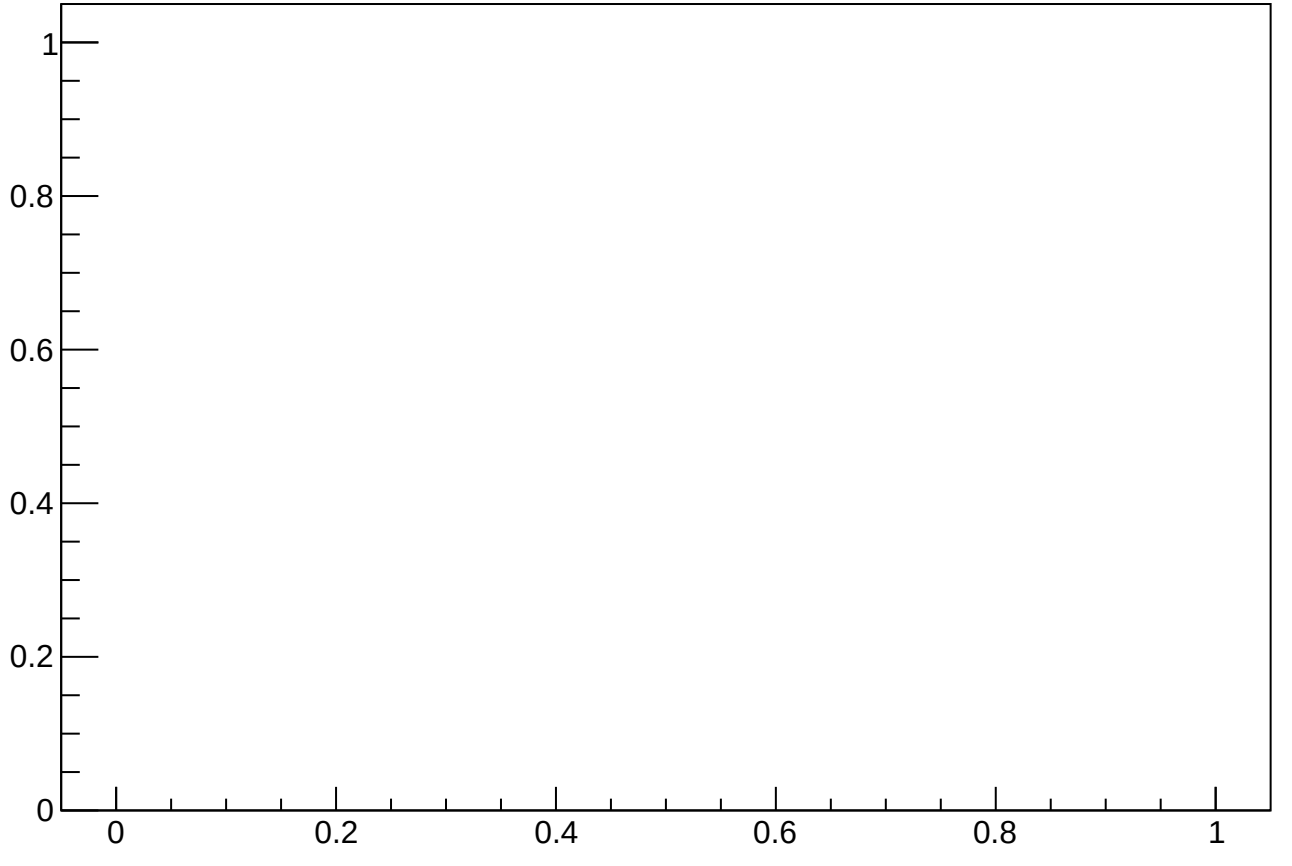
dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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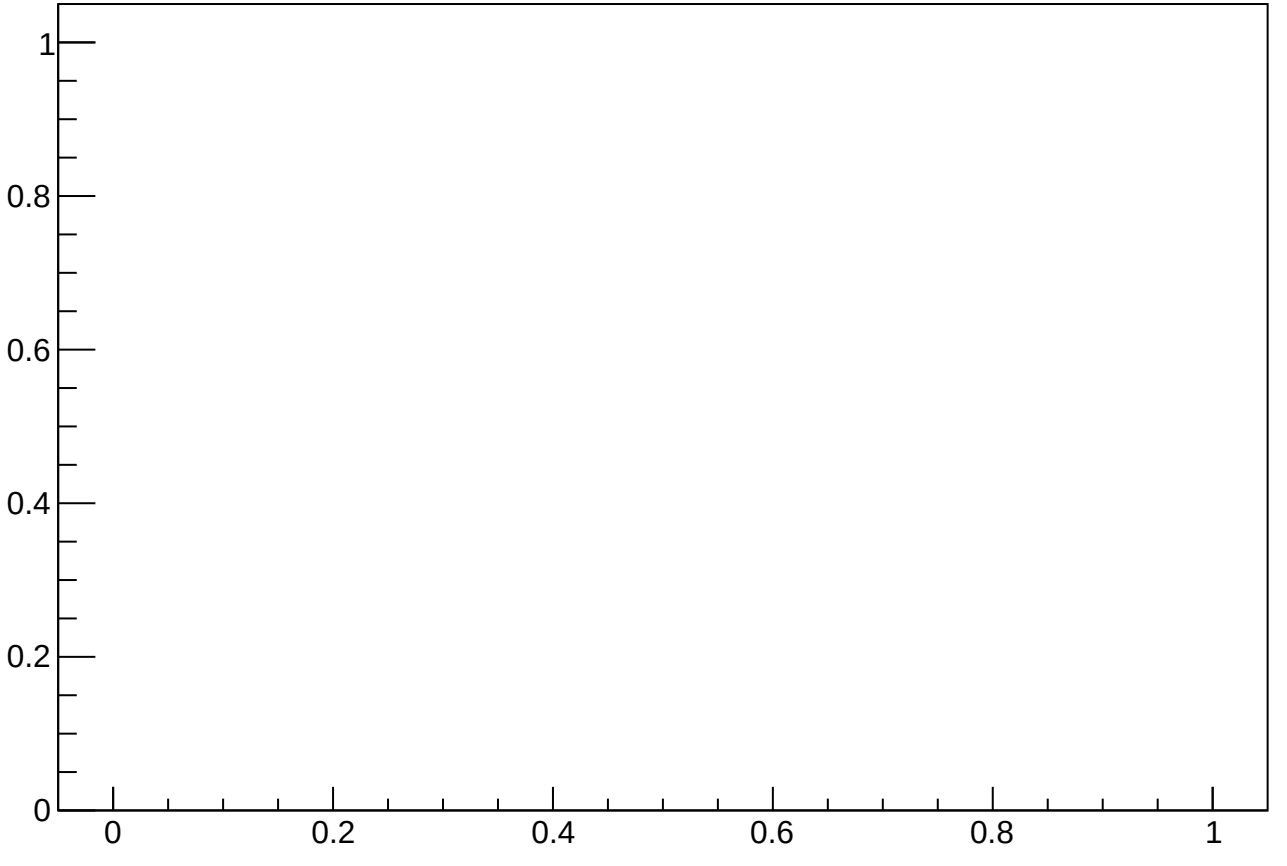
dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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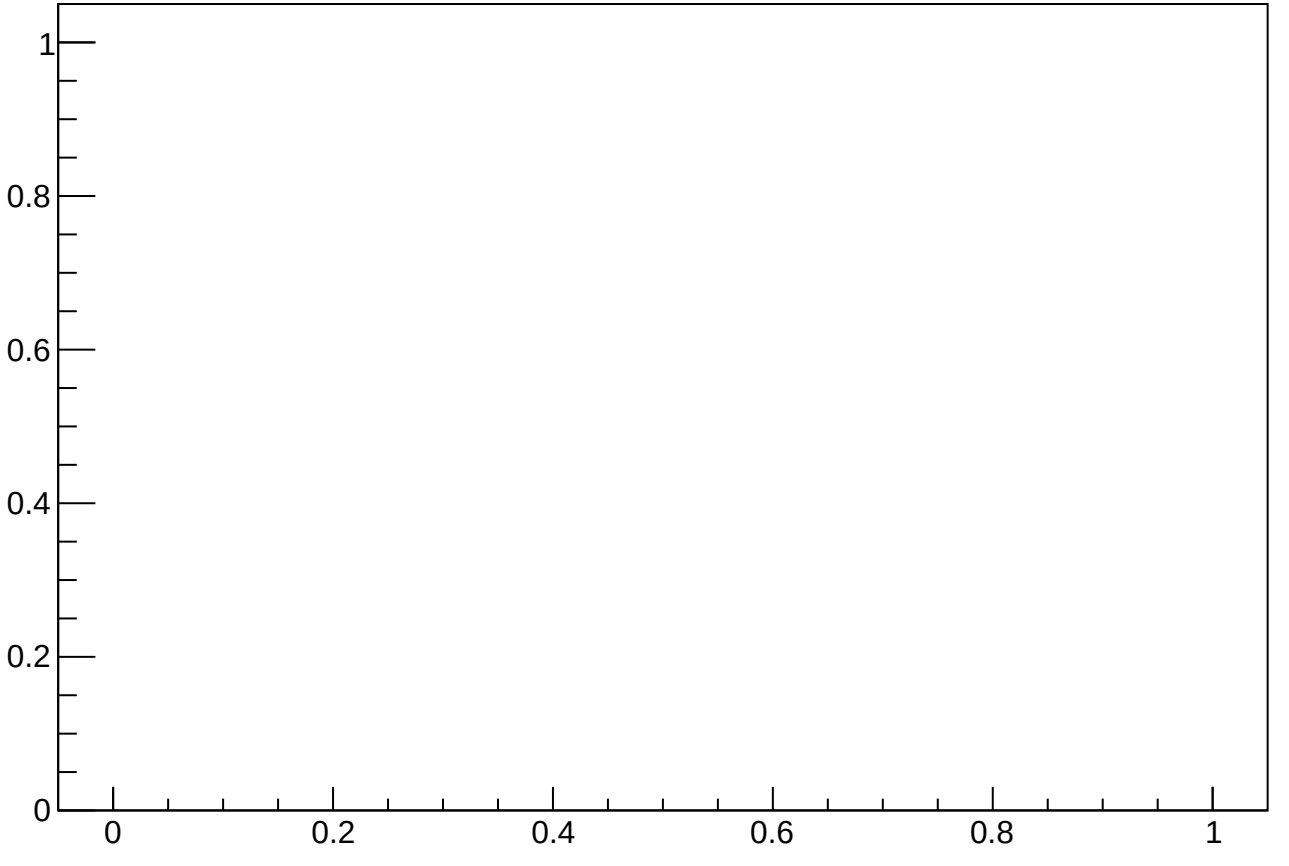
dit_atr2_coil7_mean vs Slug, Sign Corrected



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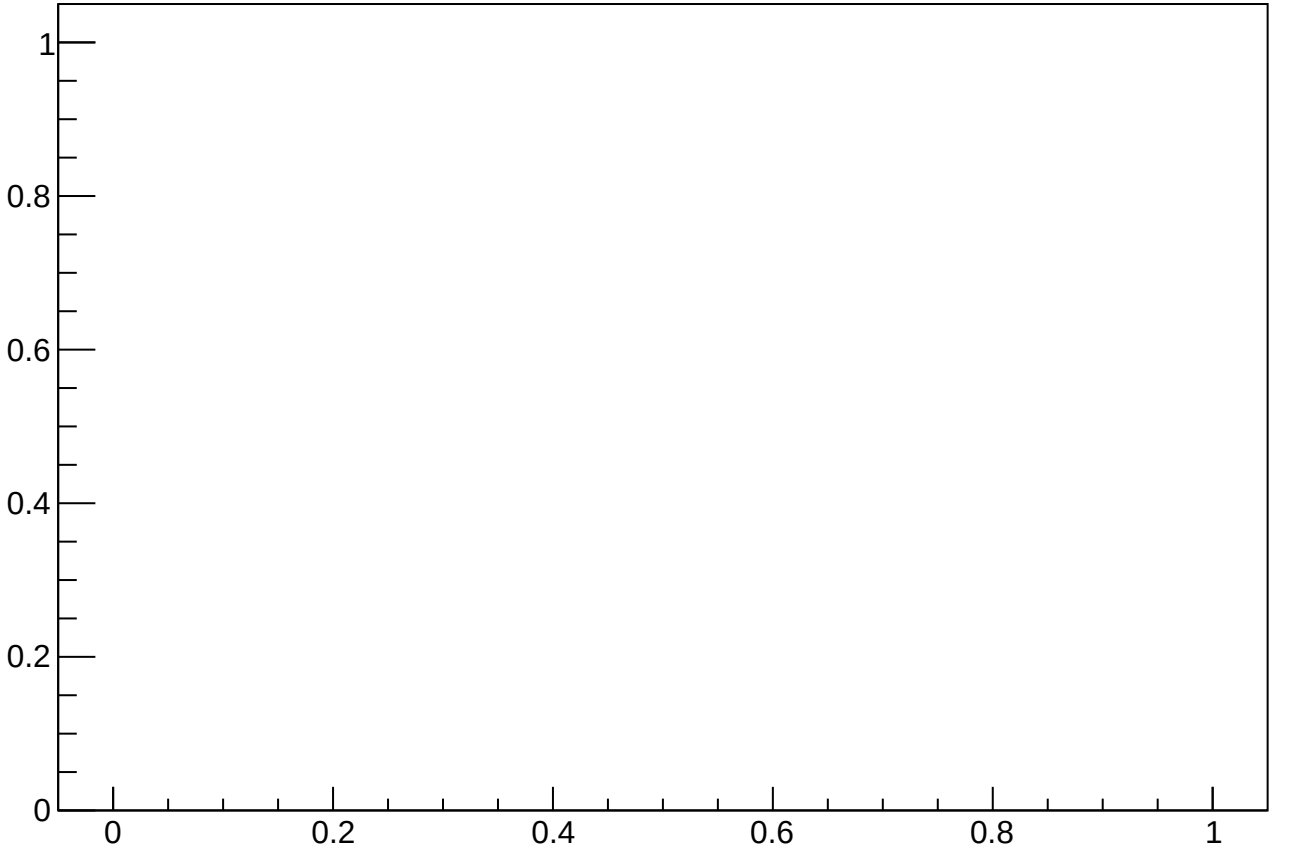
dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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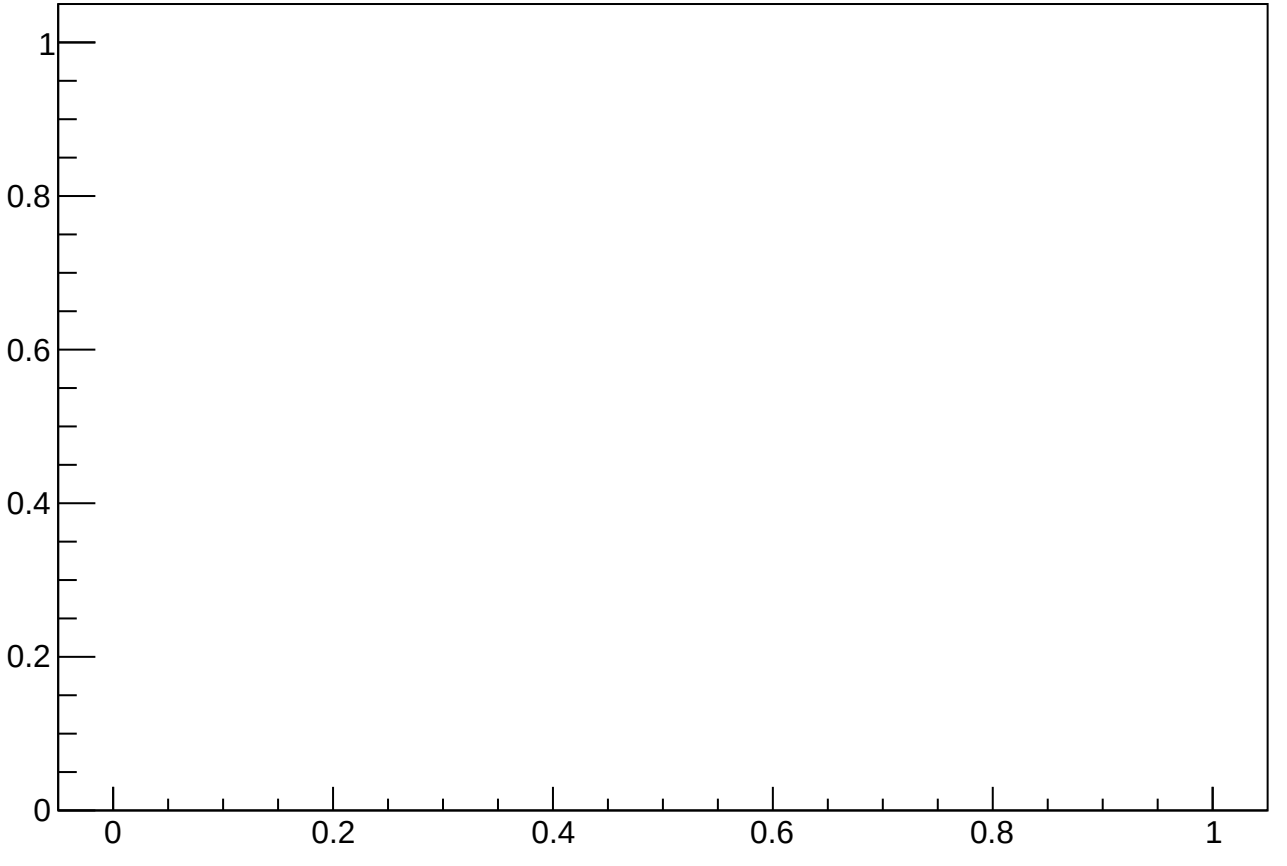
dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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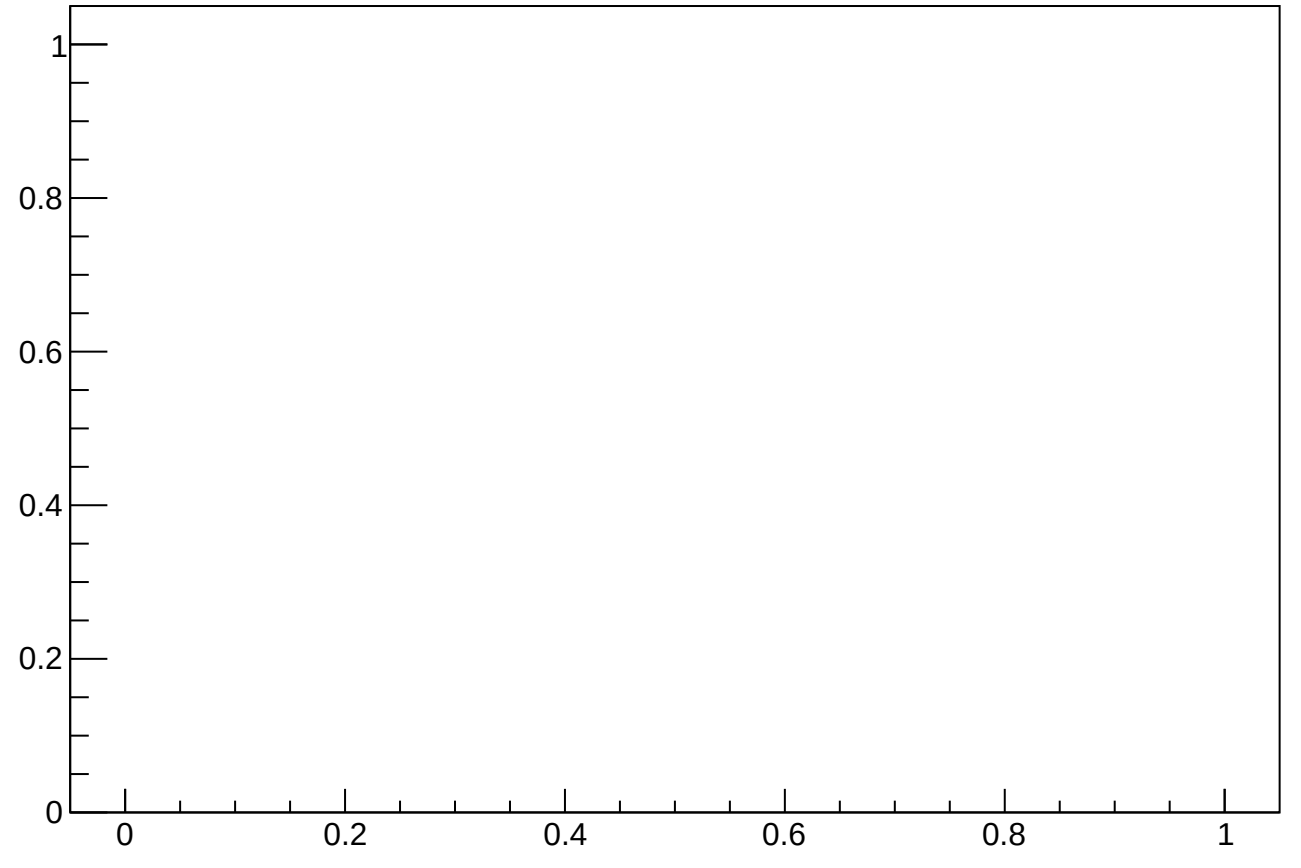

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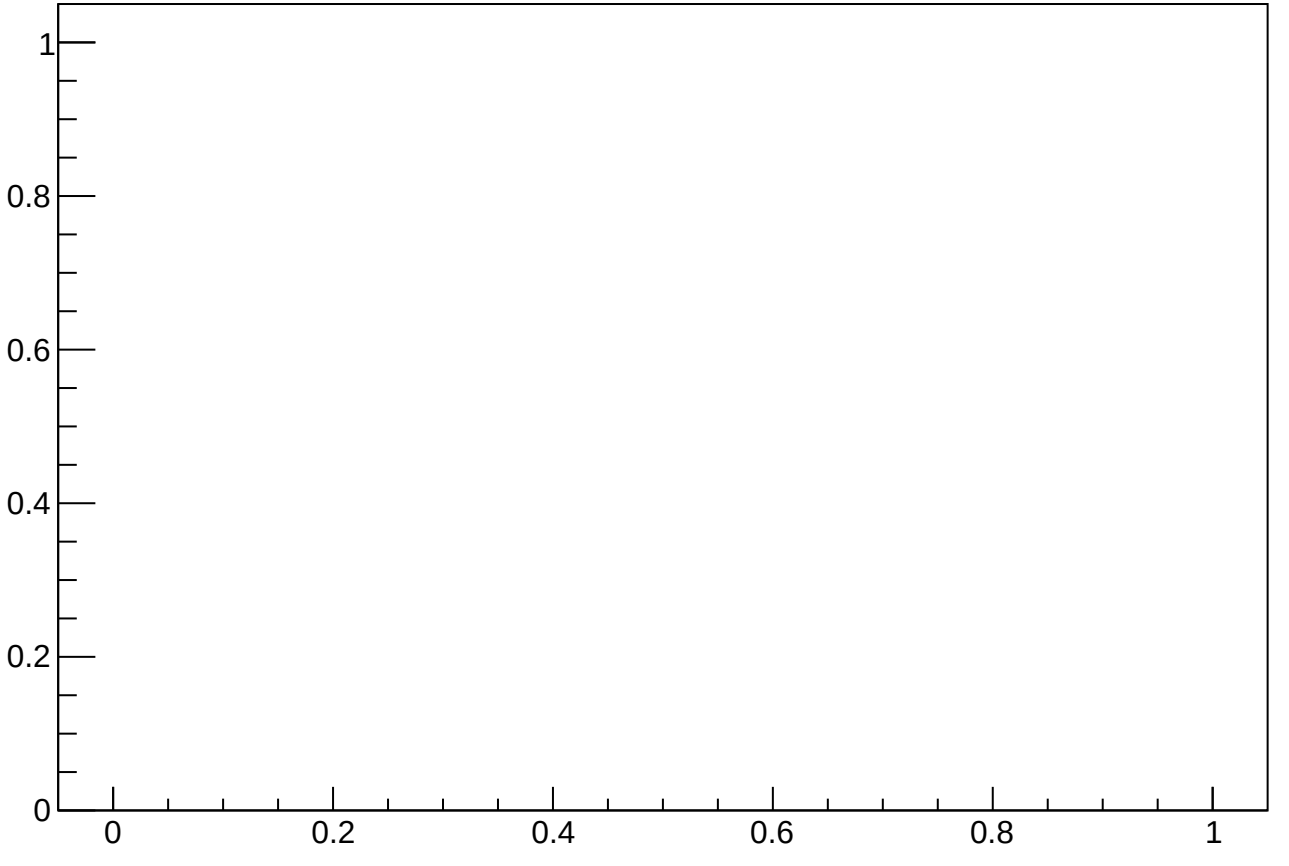
dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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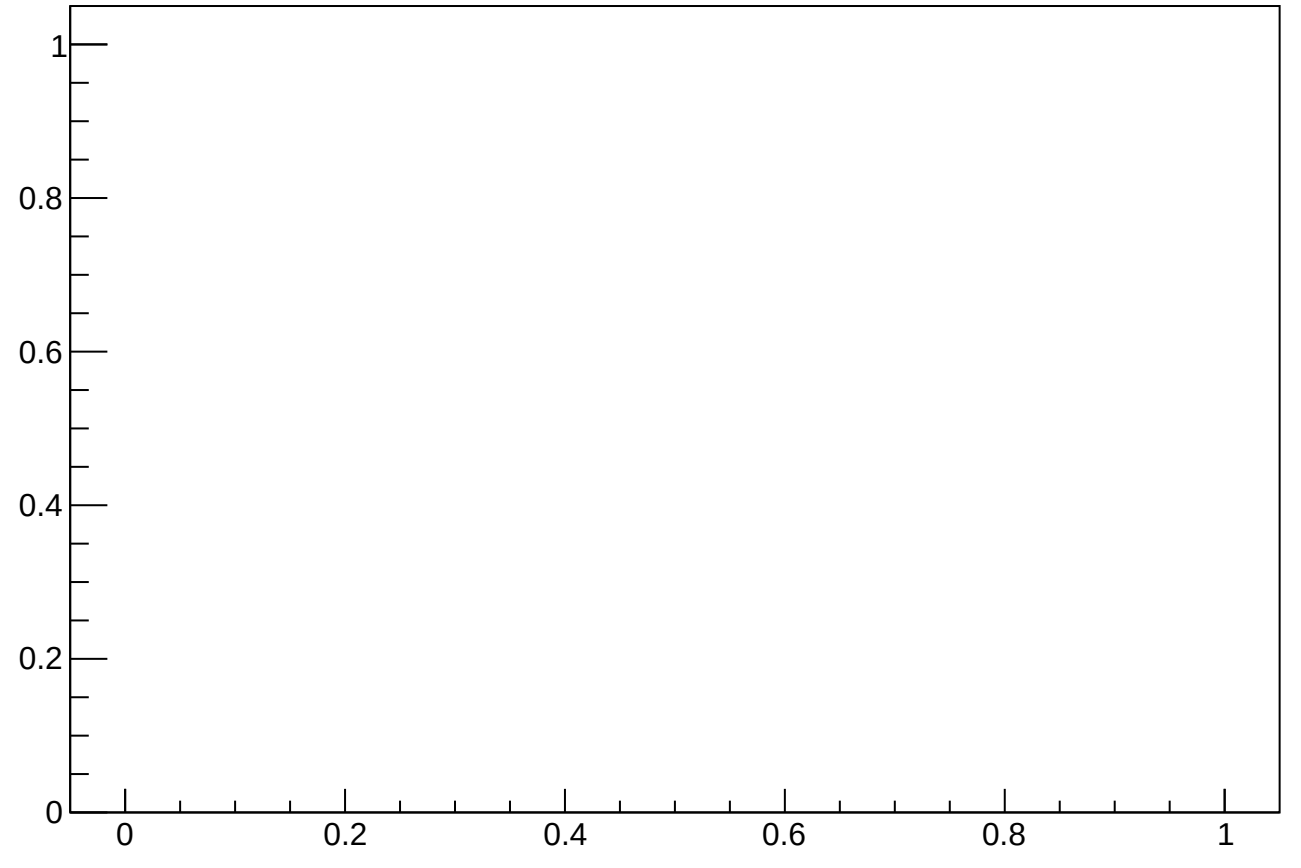

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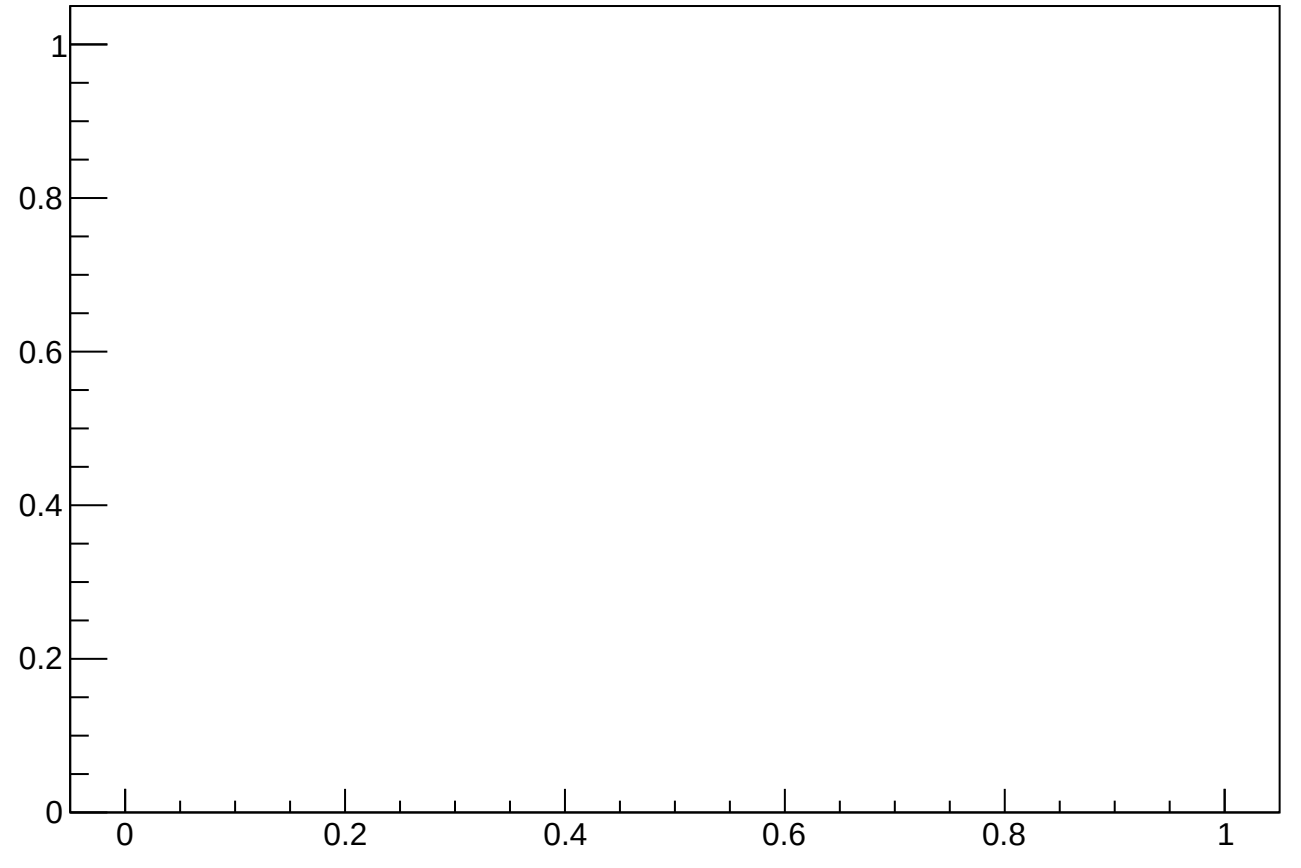

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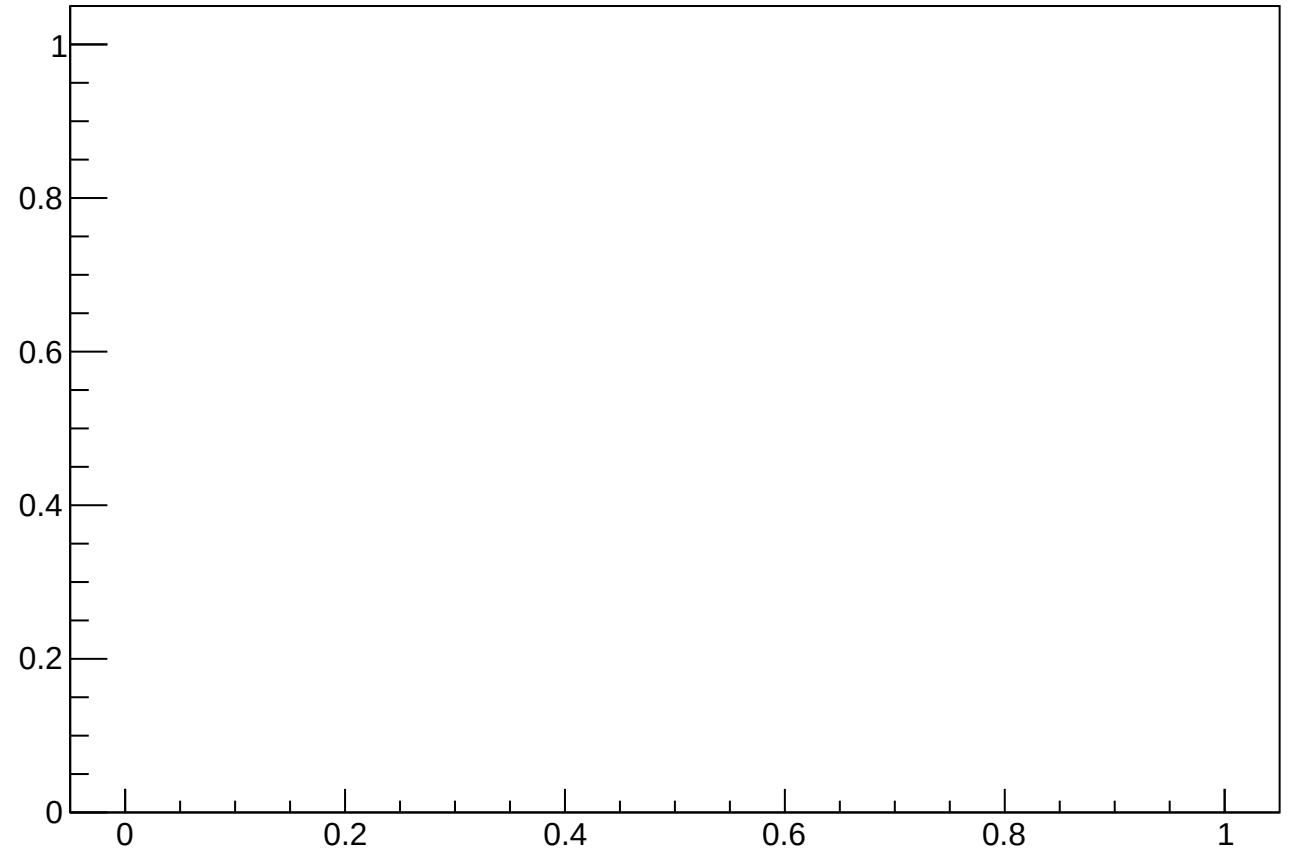

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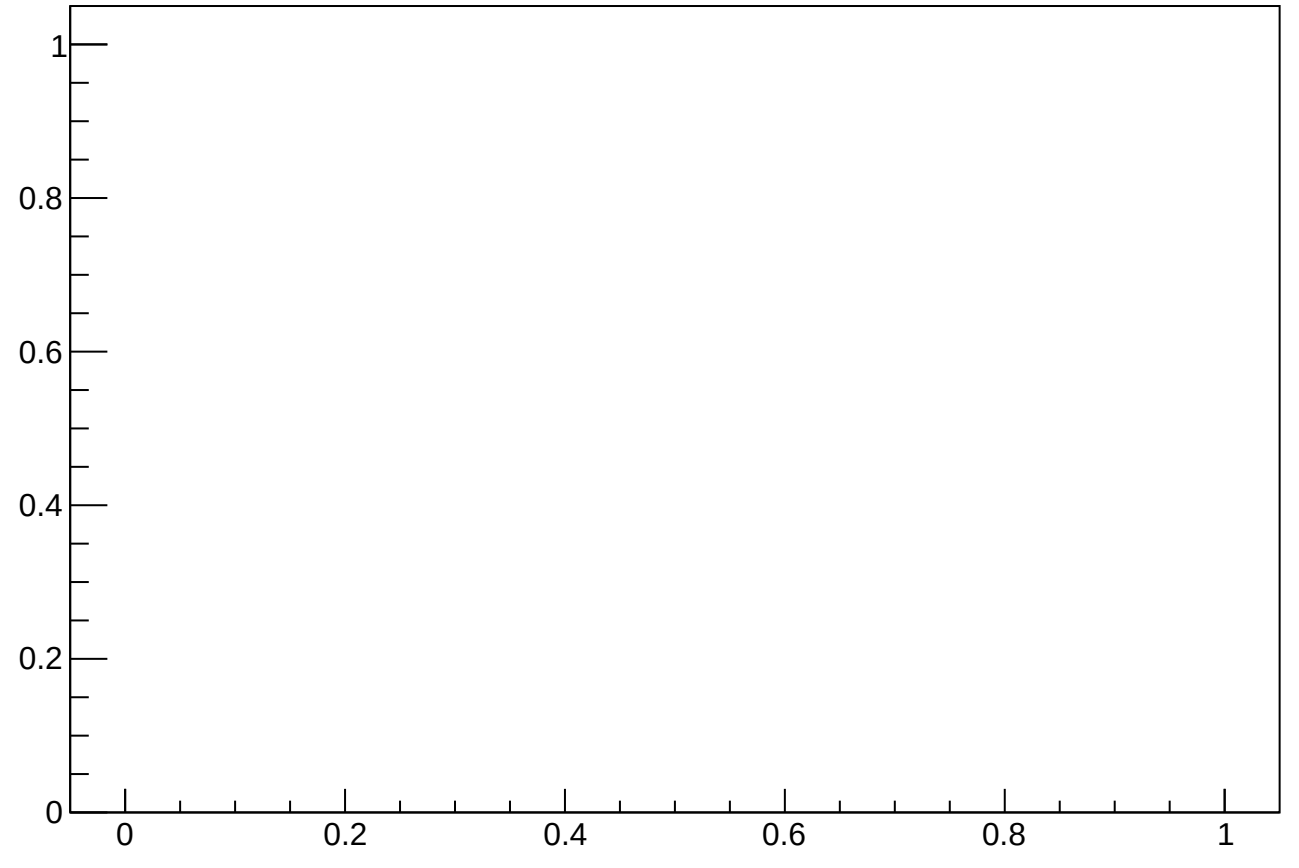

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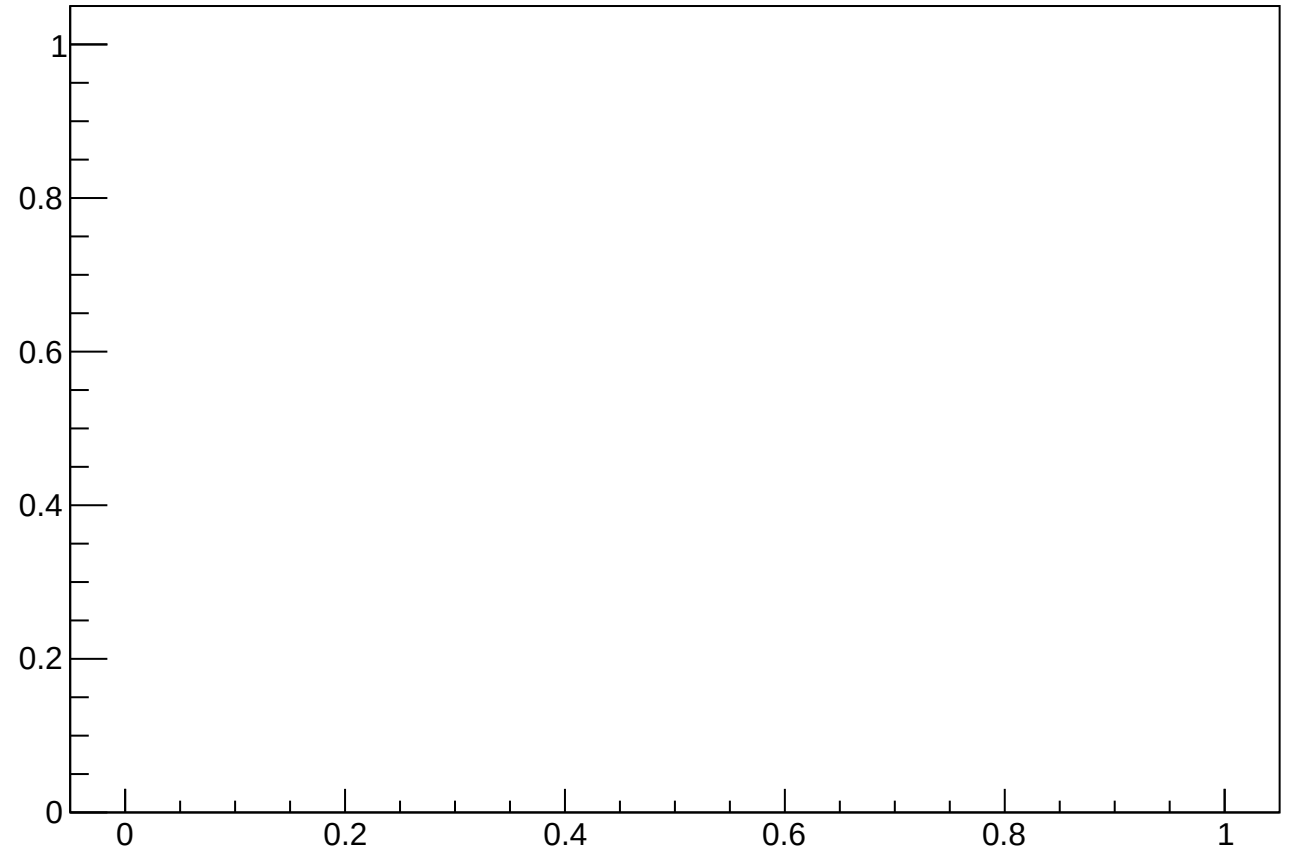

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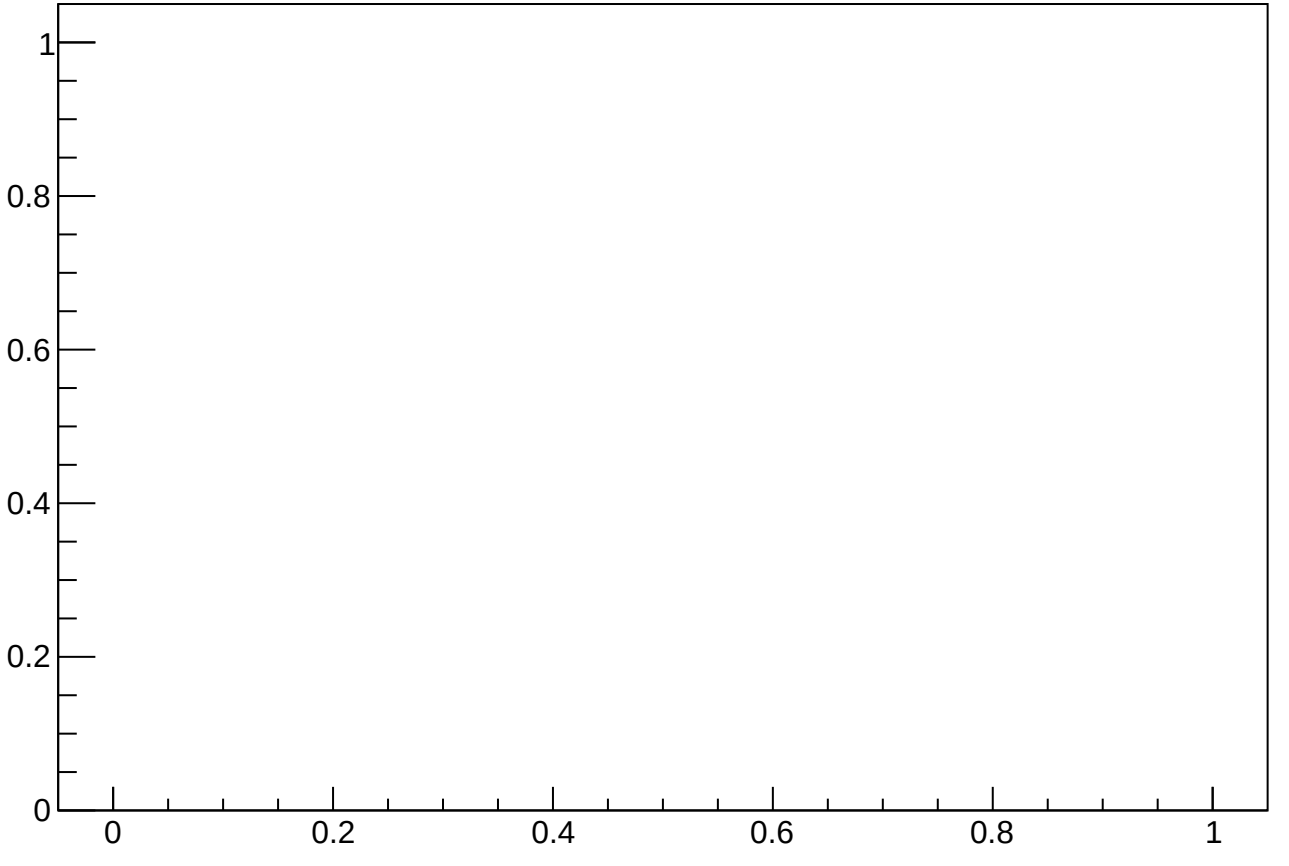
dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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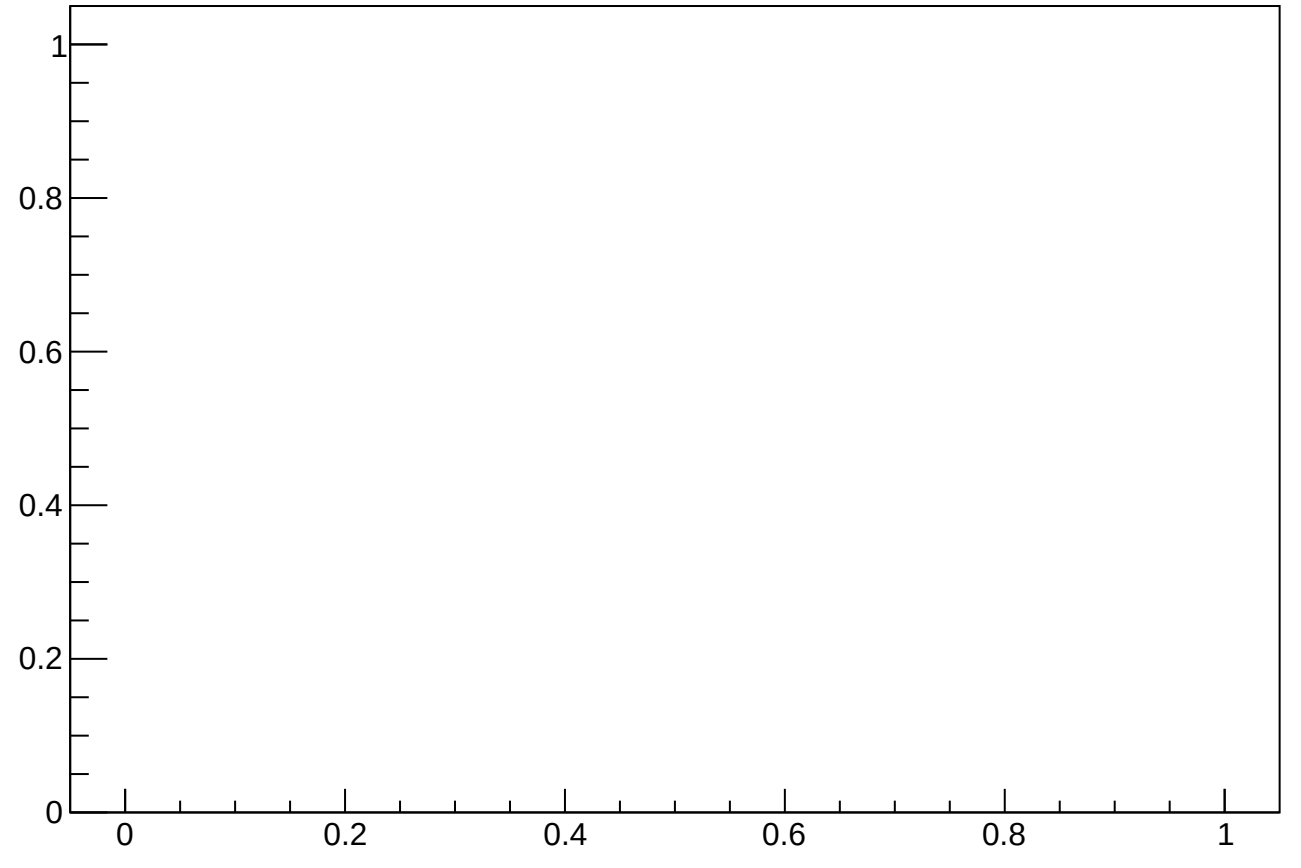

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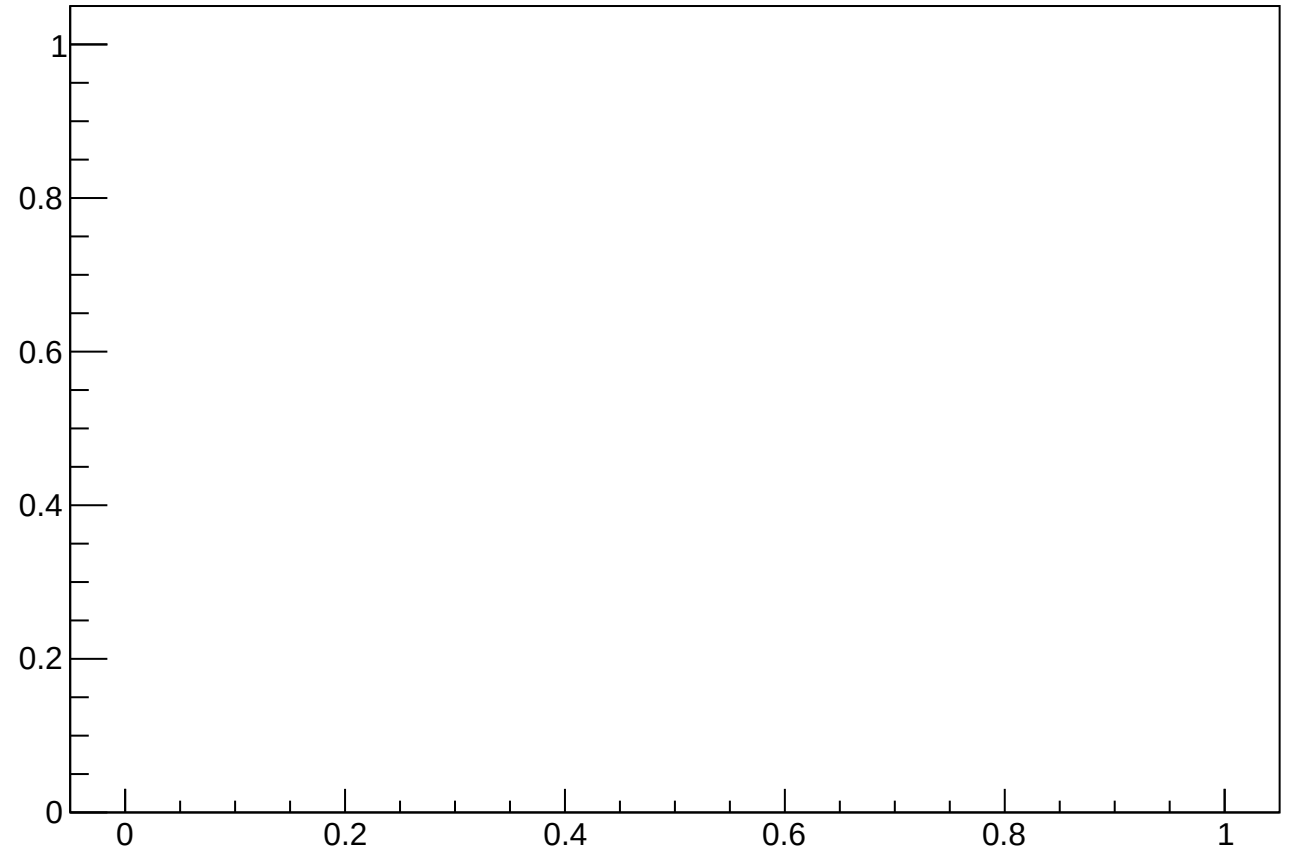

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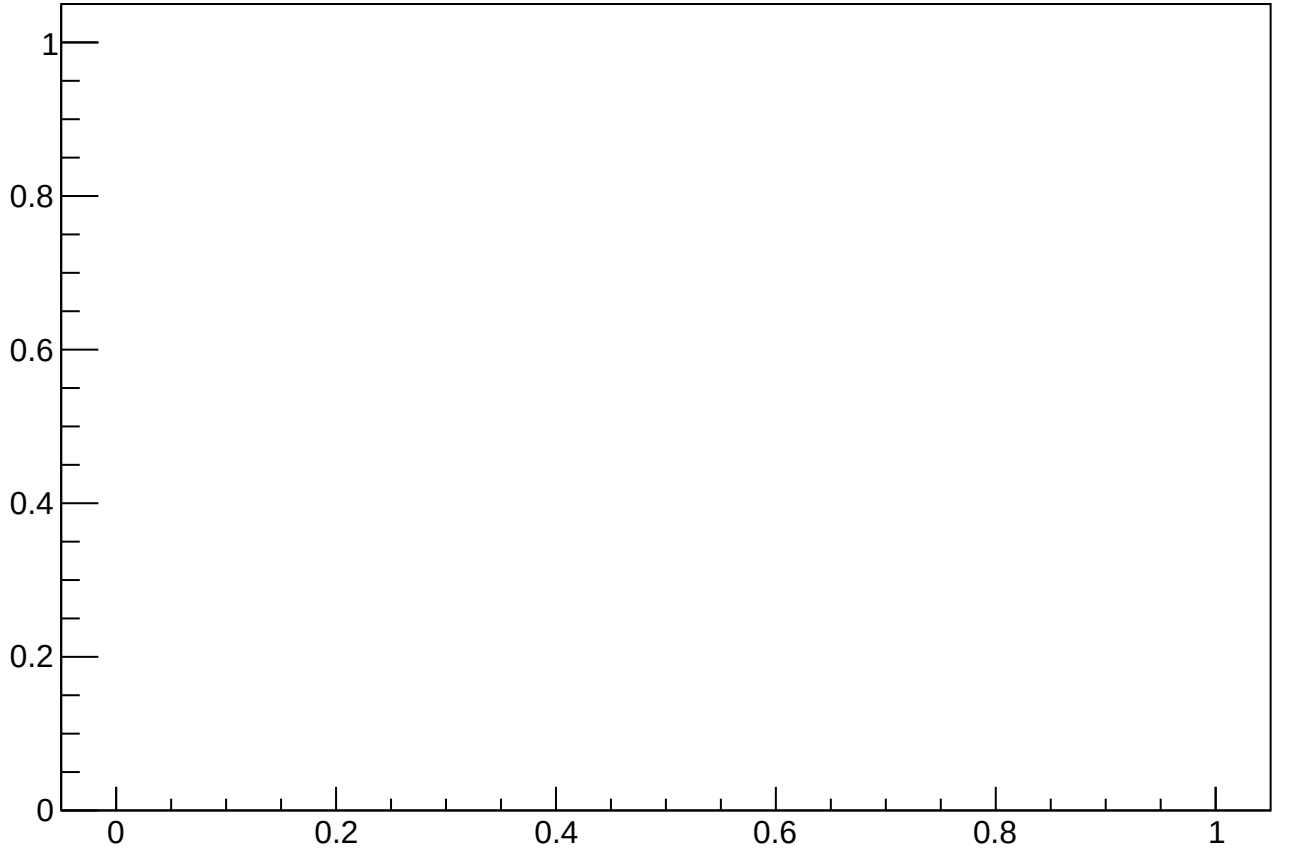
dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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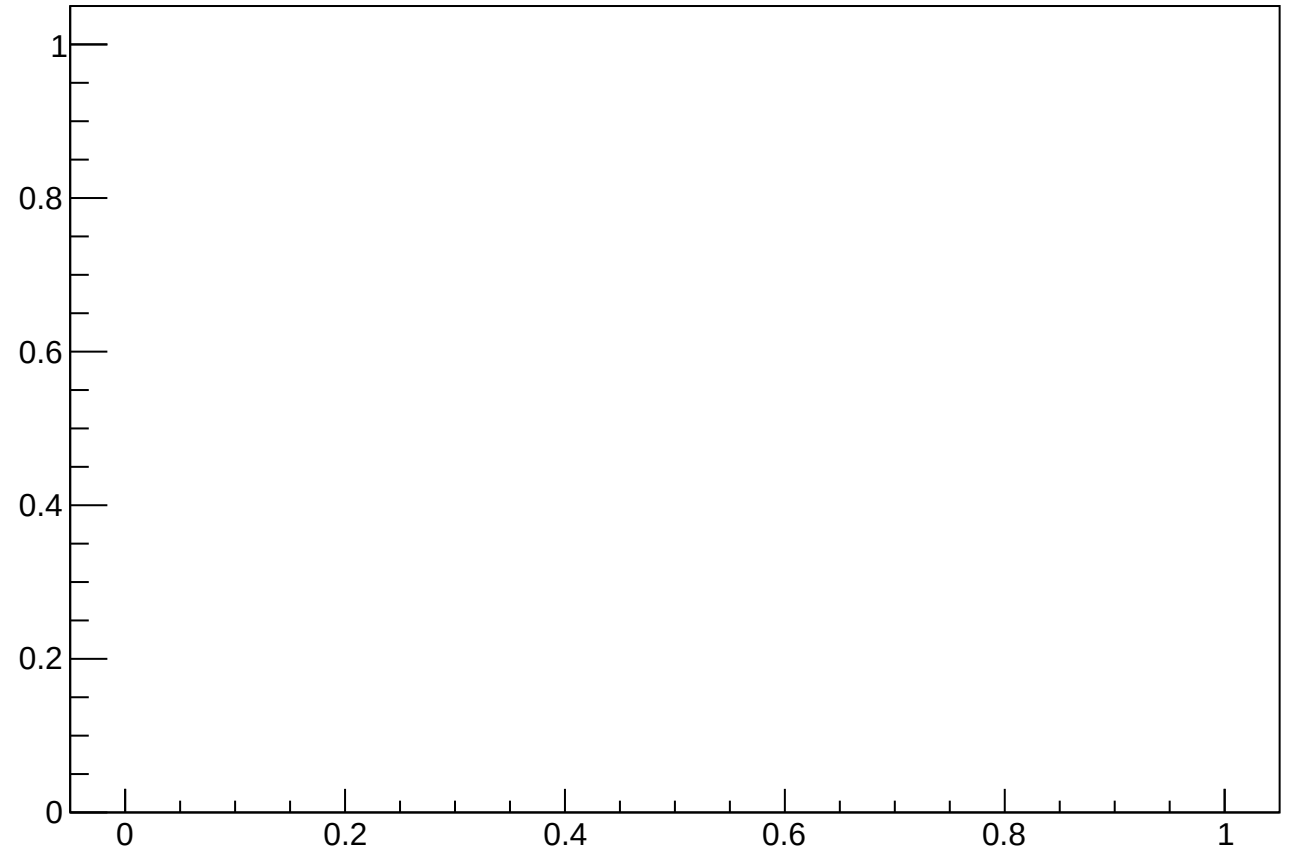

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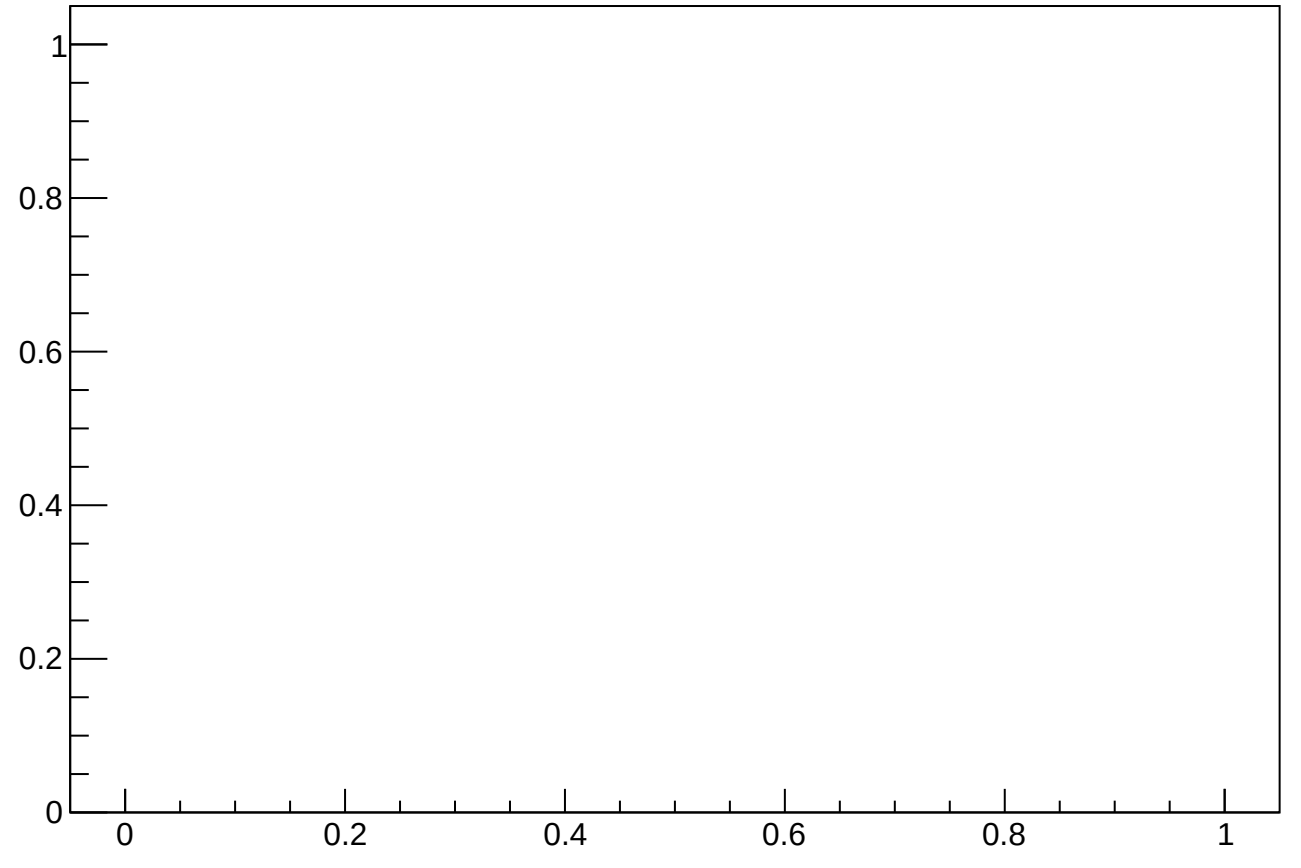

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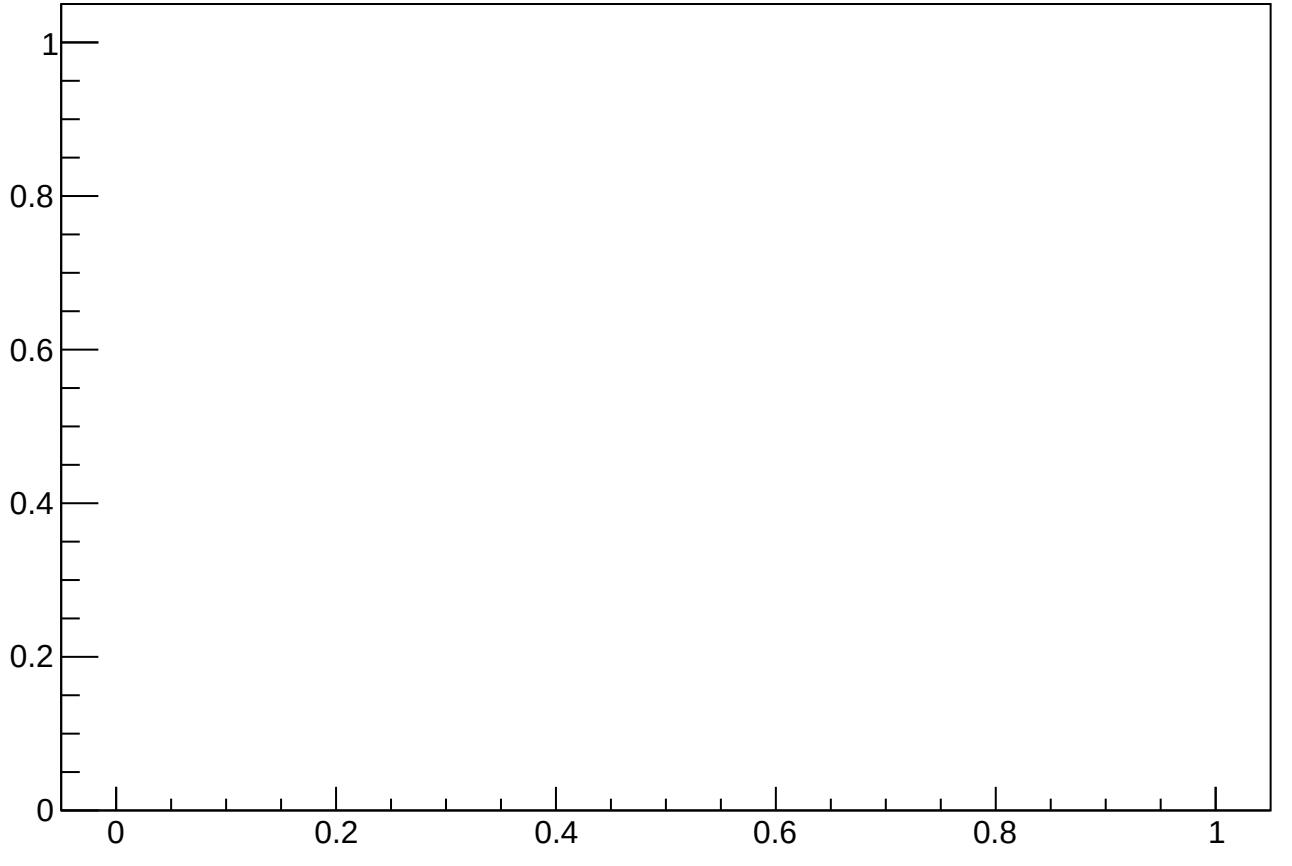
dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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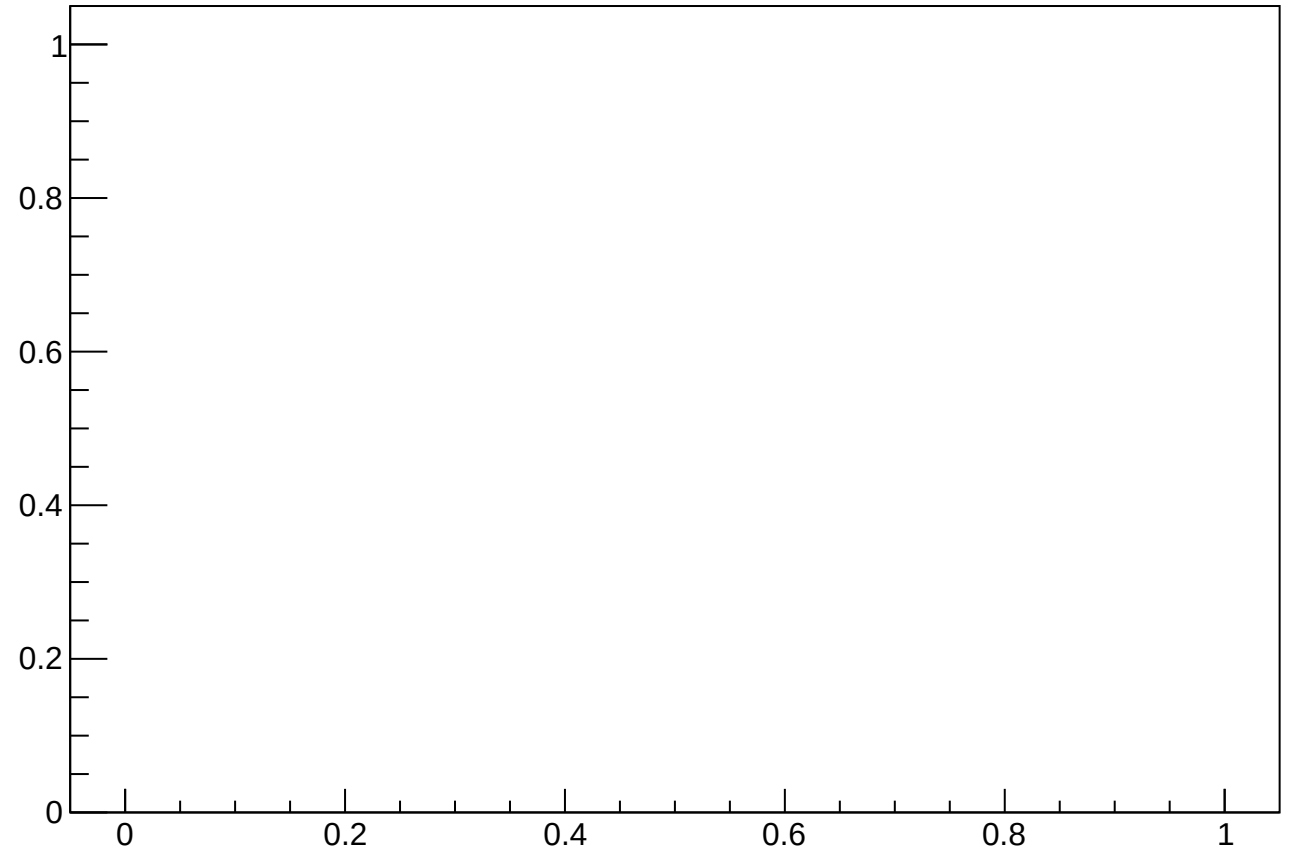

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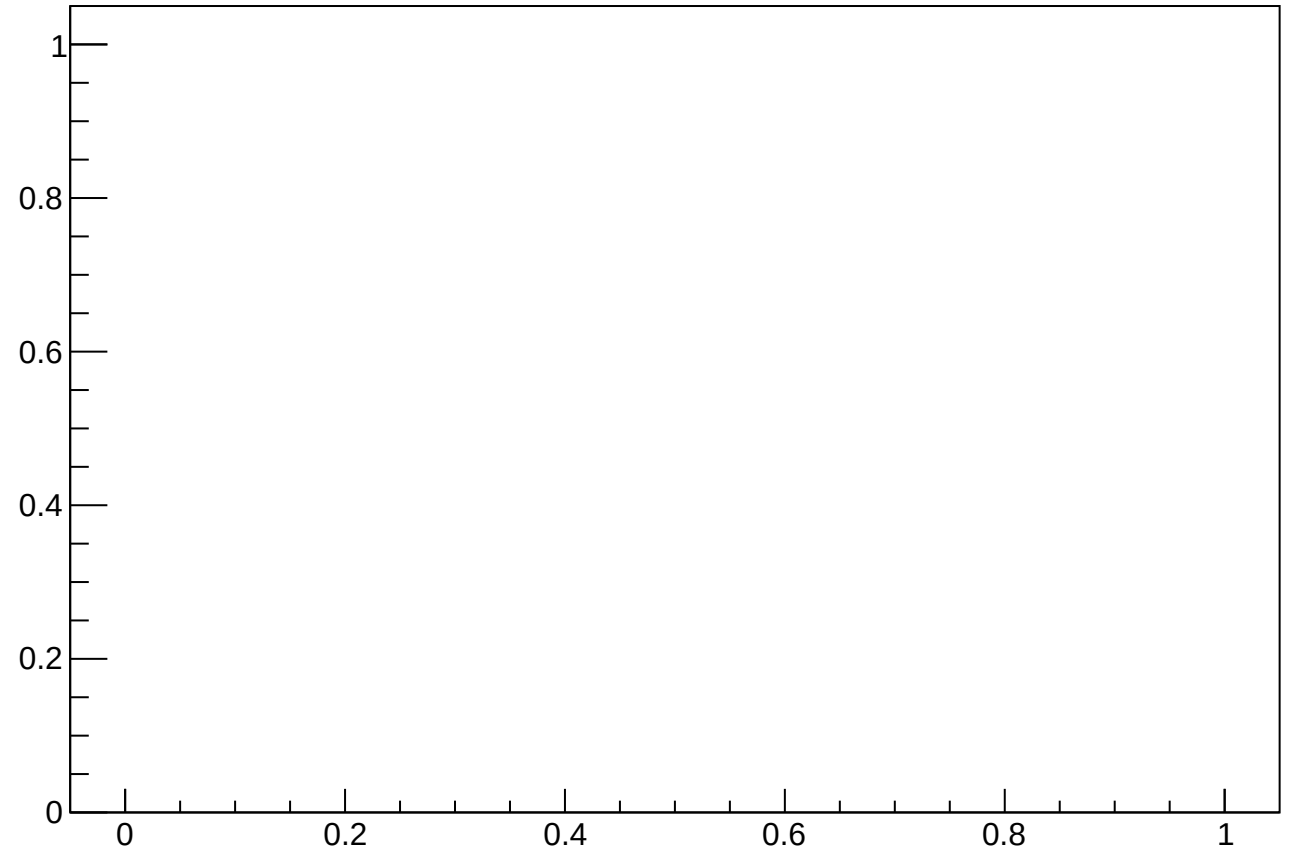

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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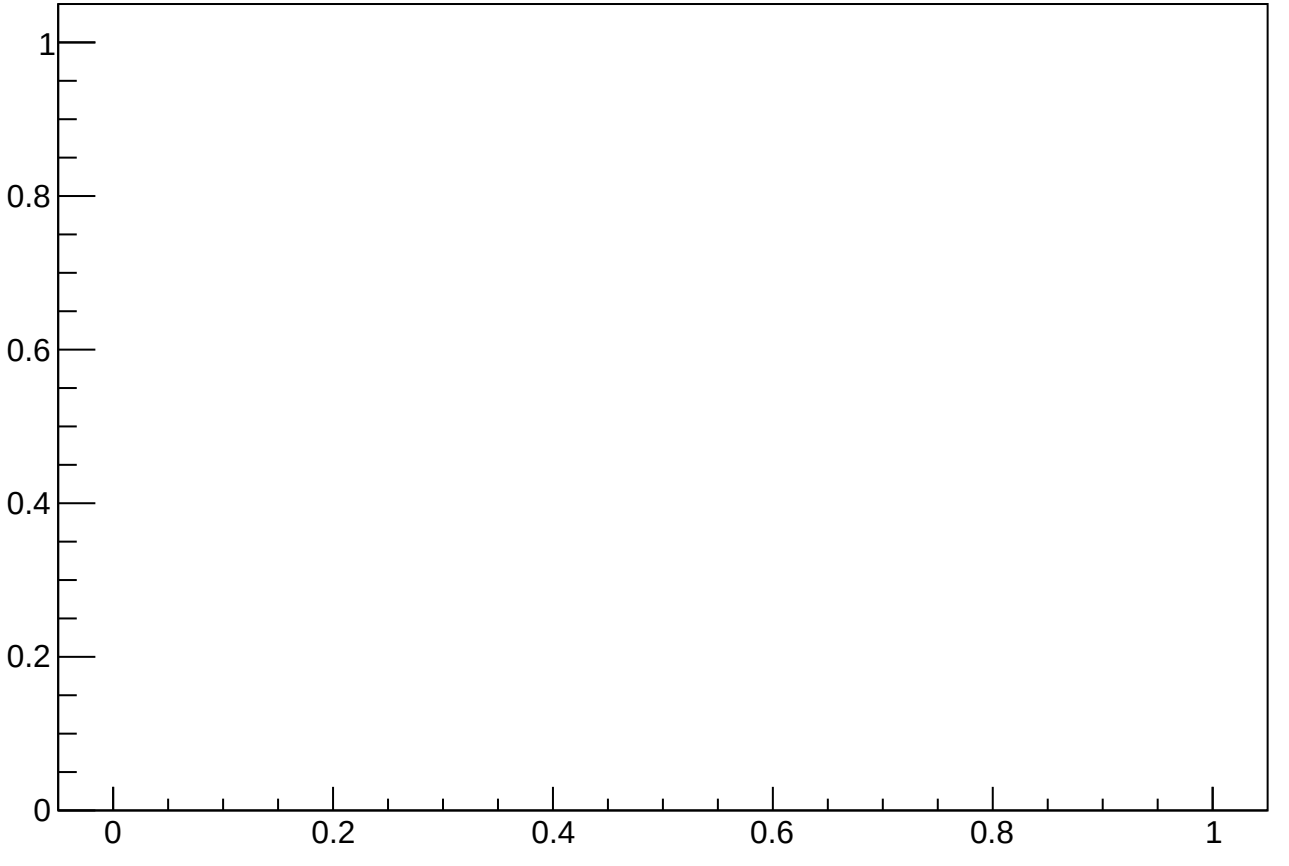
dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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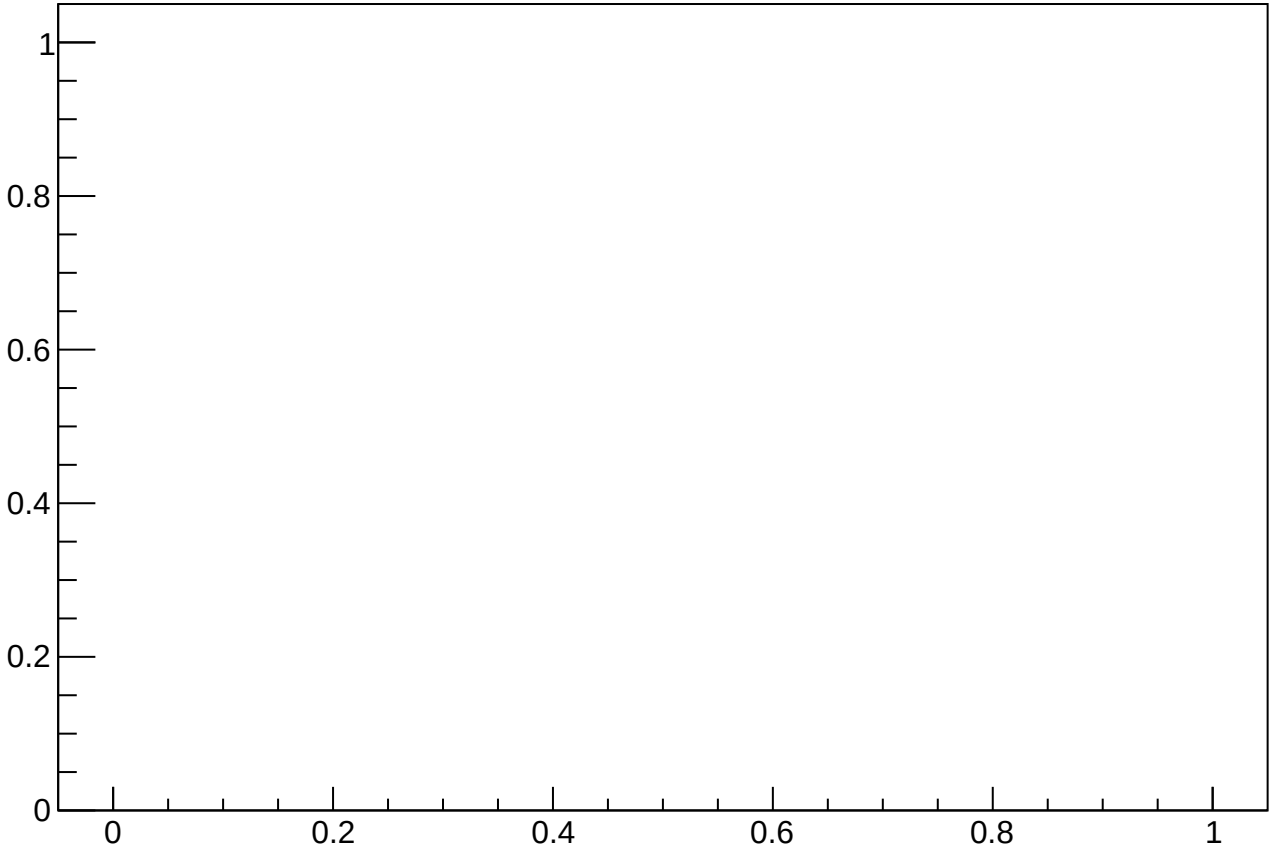
dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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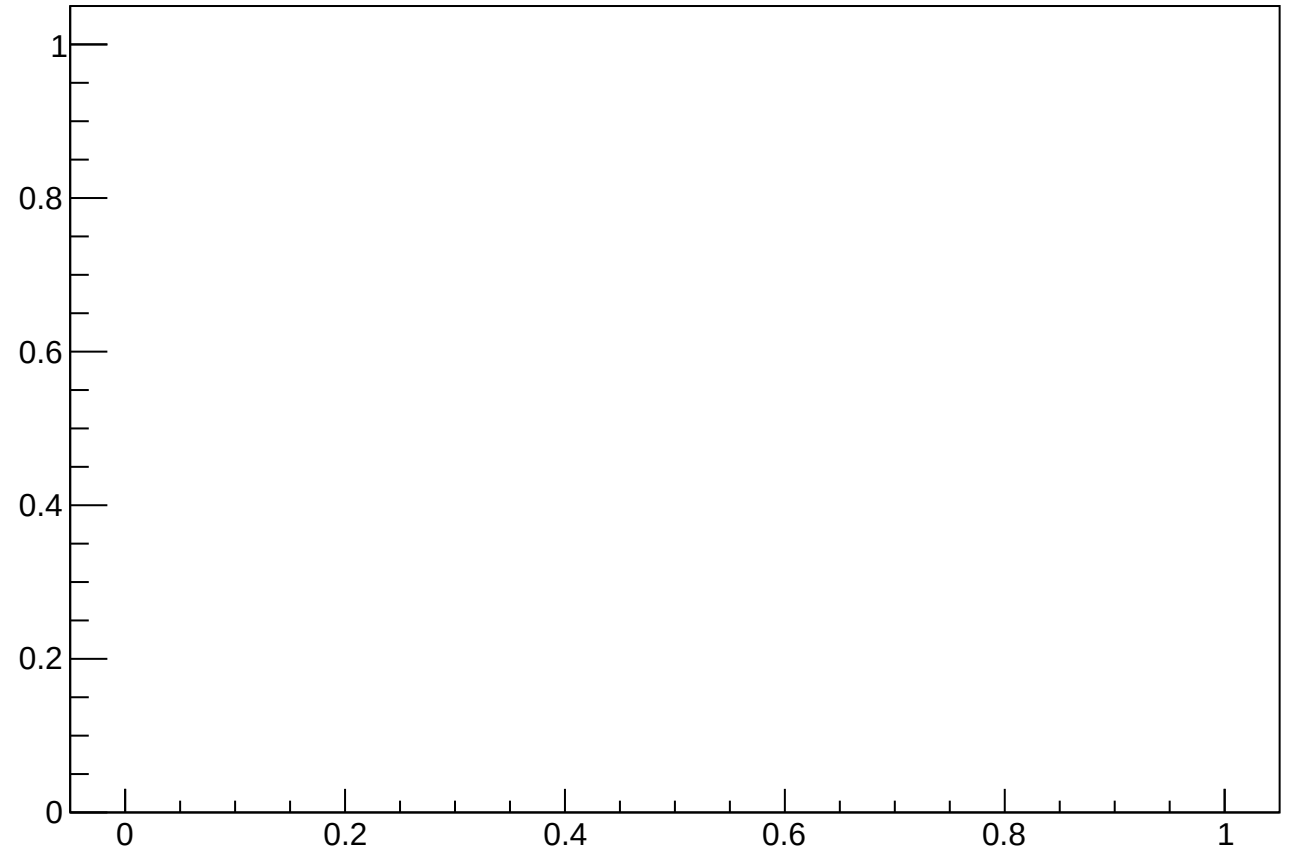

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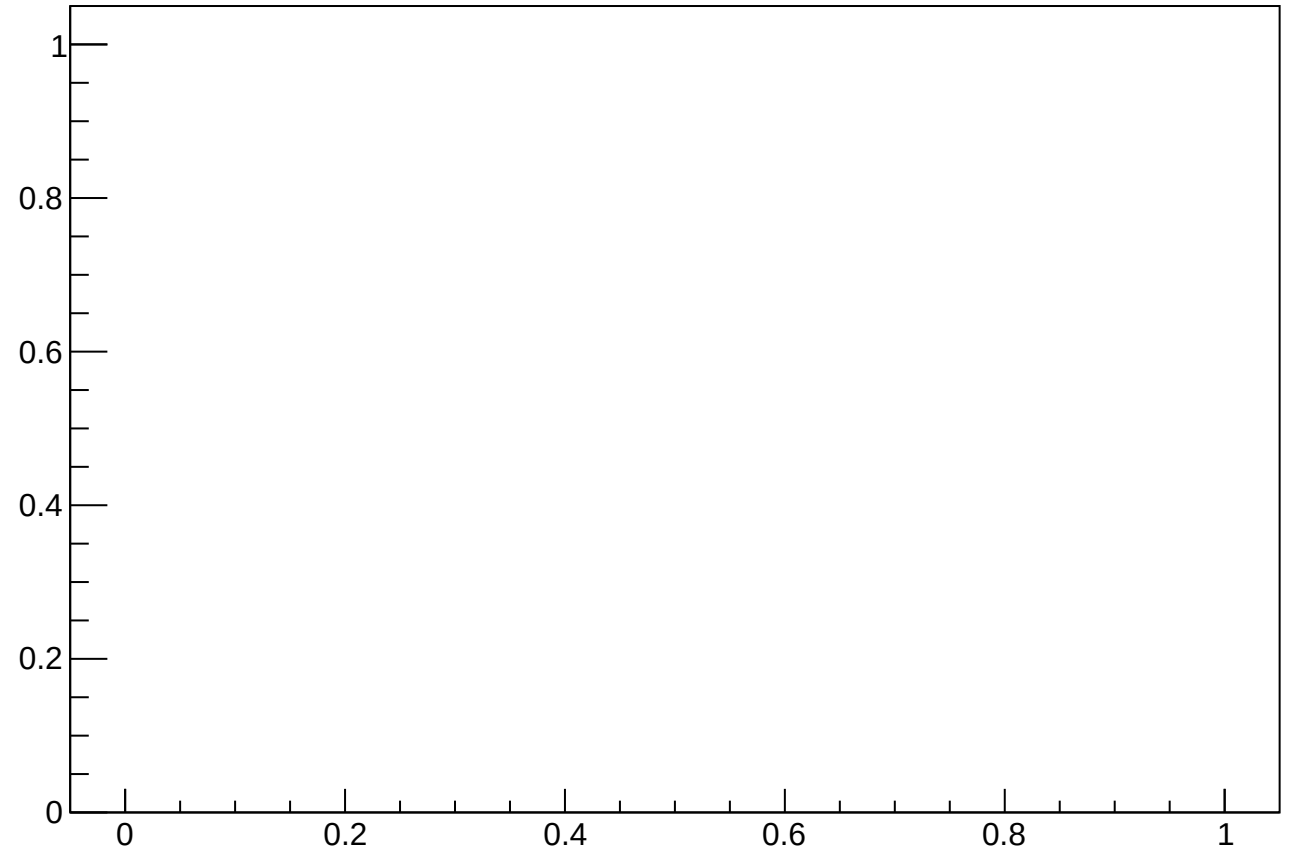

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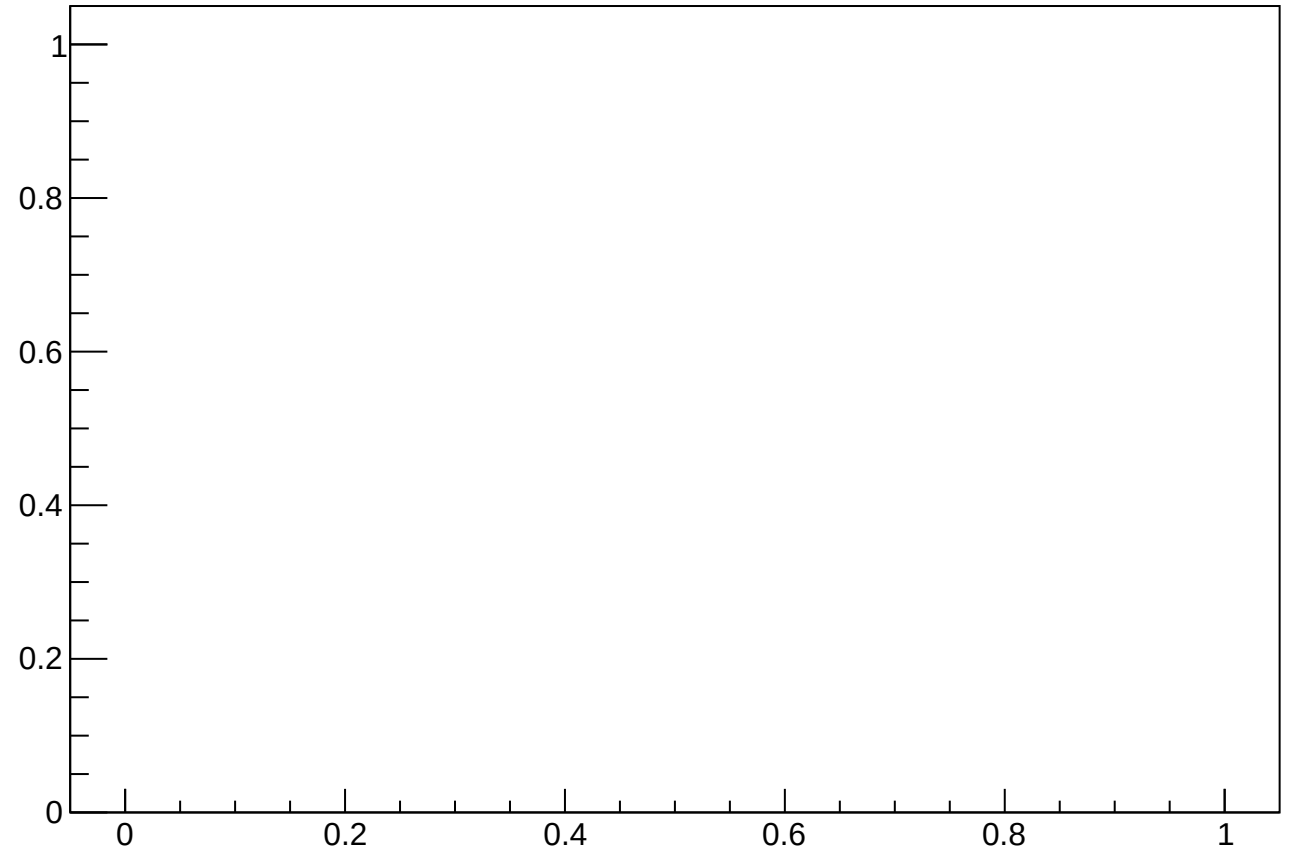

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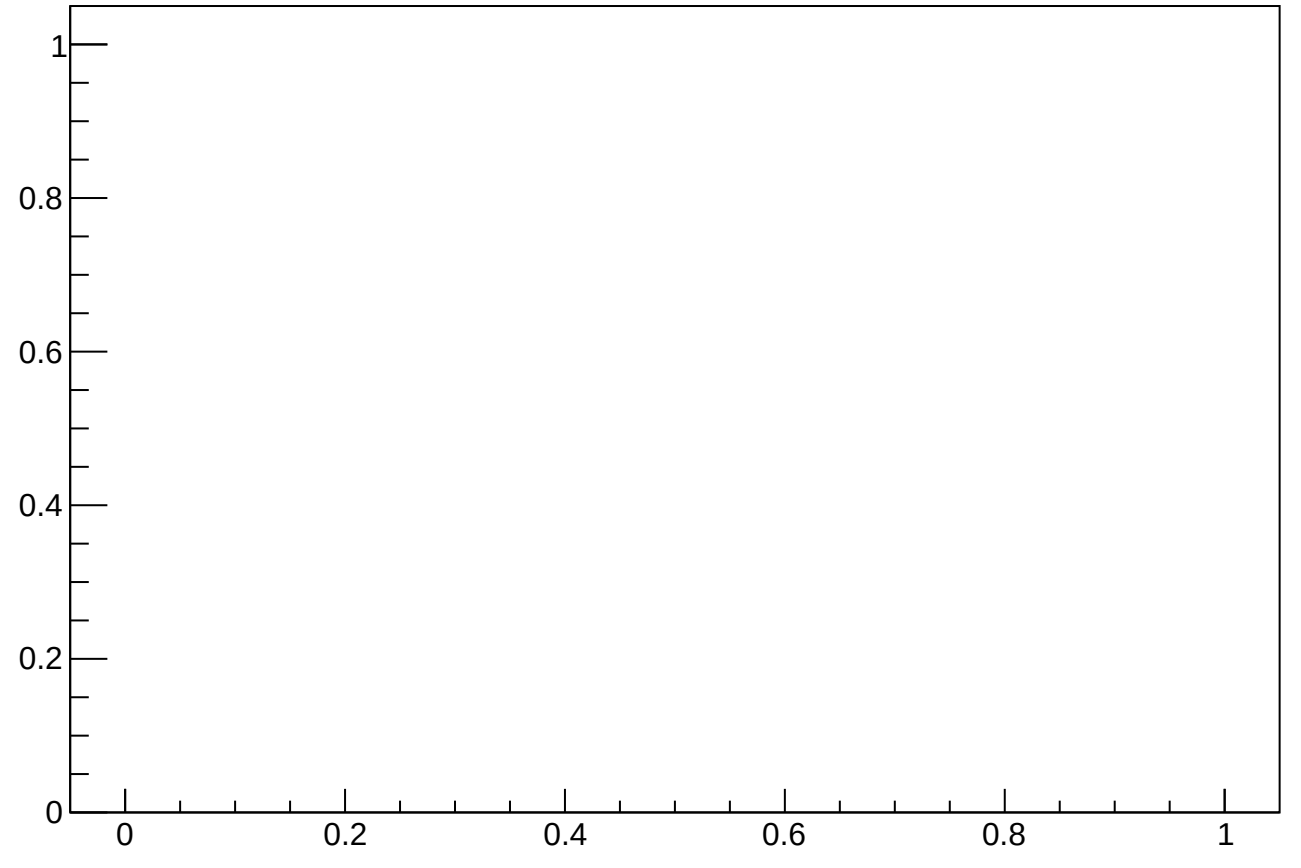

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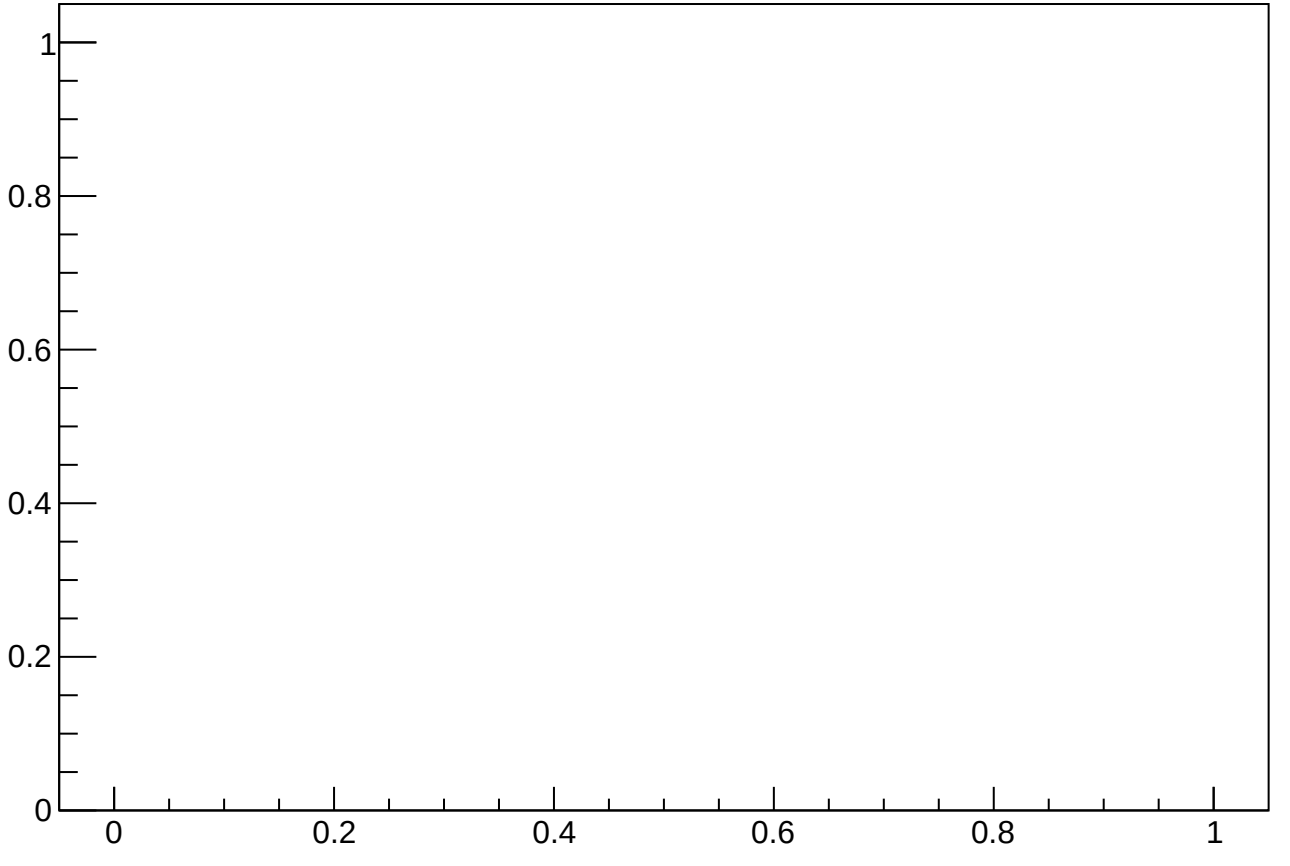
dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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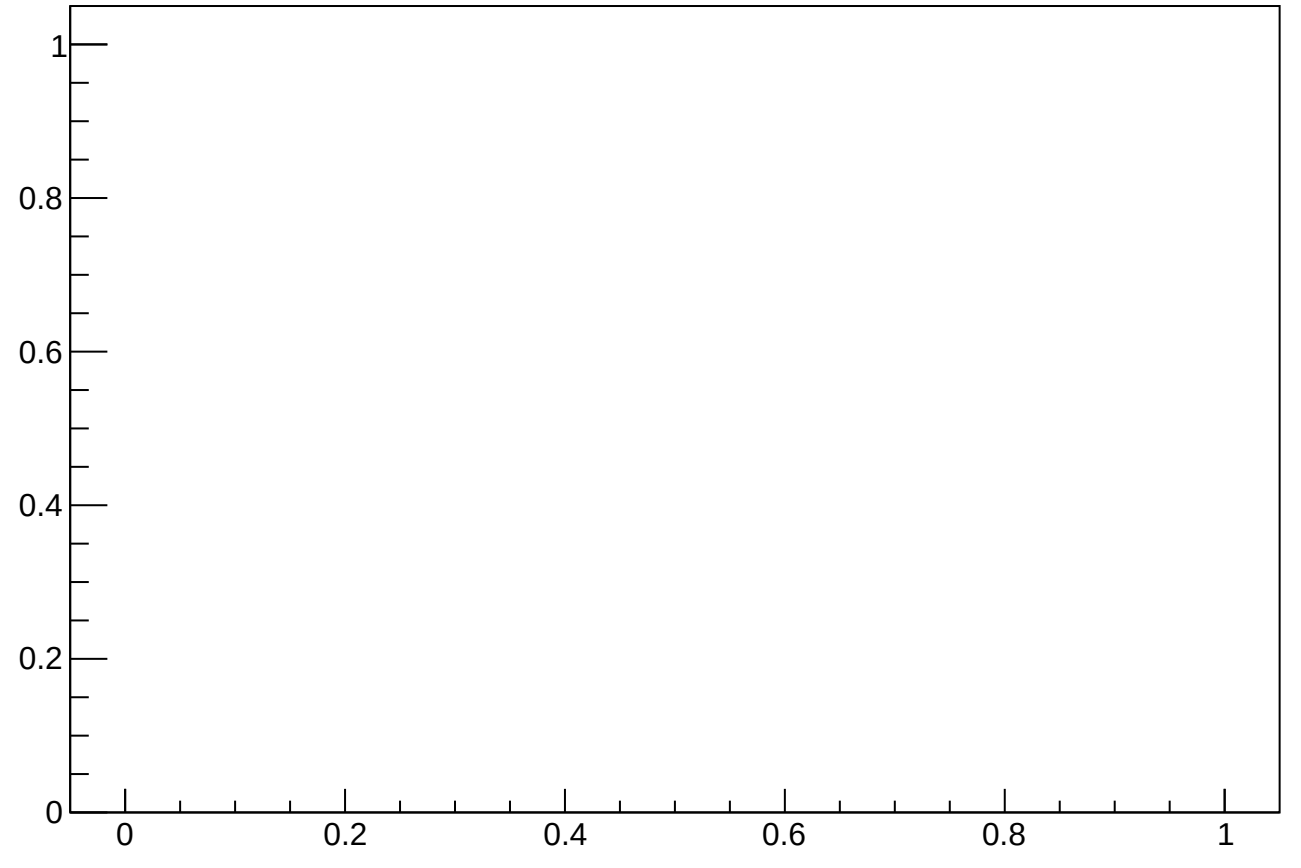

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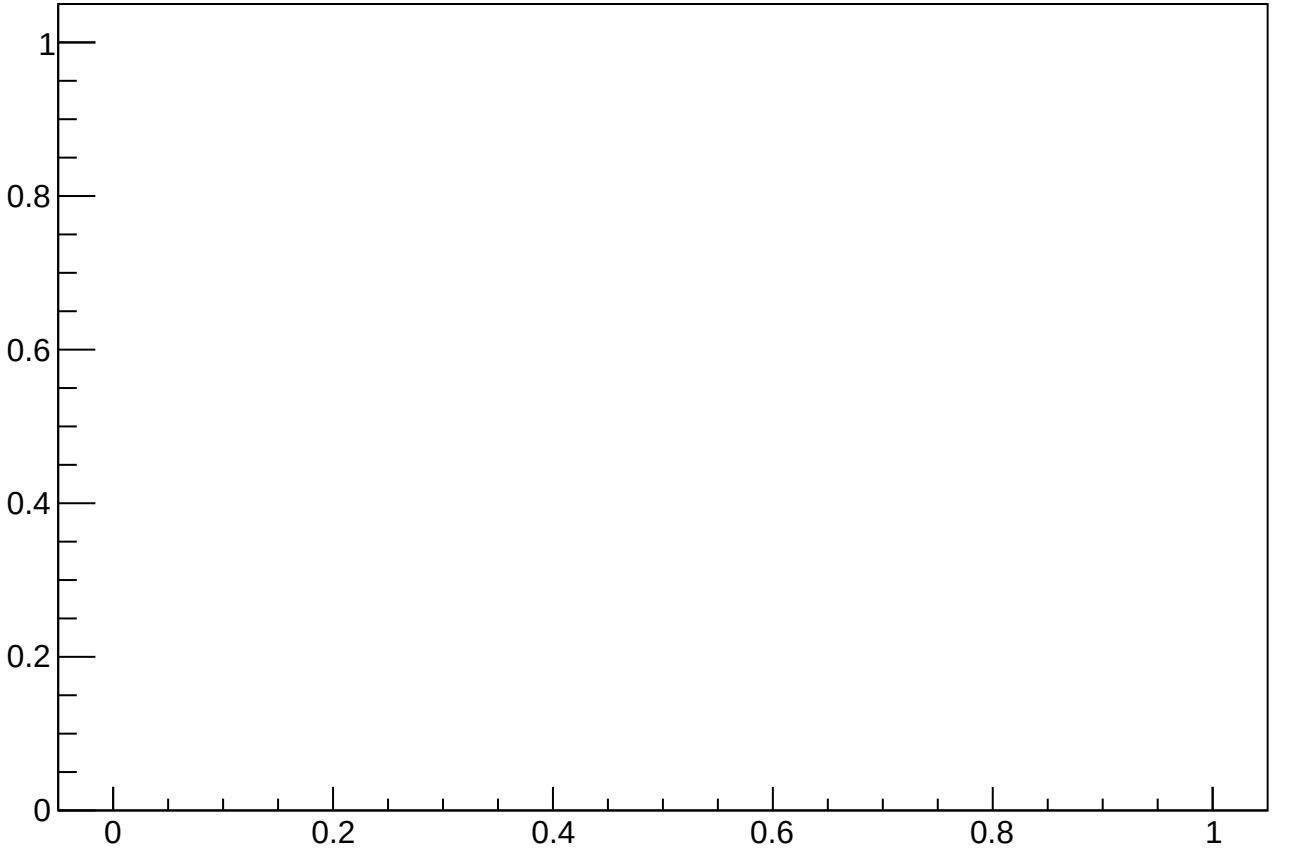
dit_4aX_coil4_mean vs Slug, Sign Corrected



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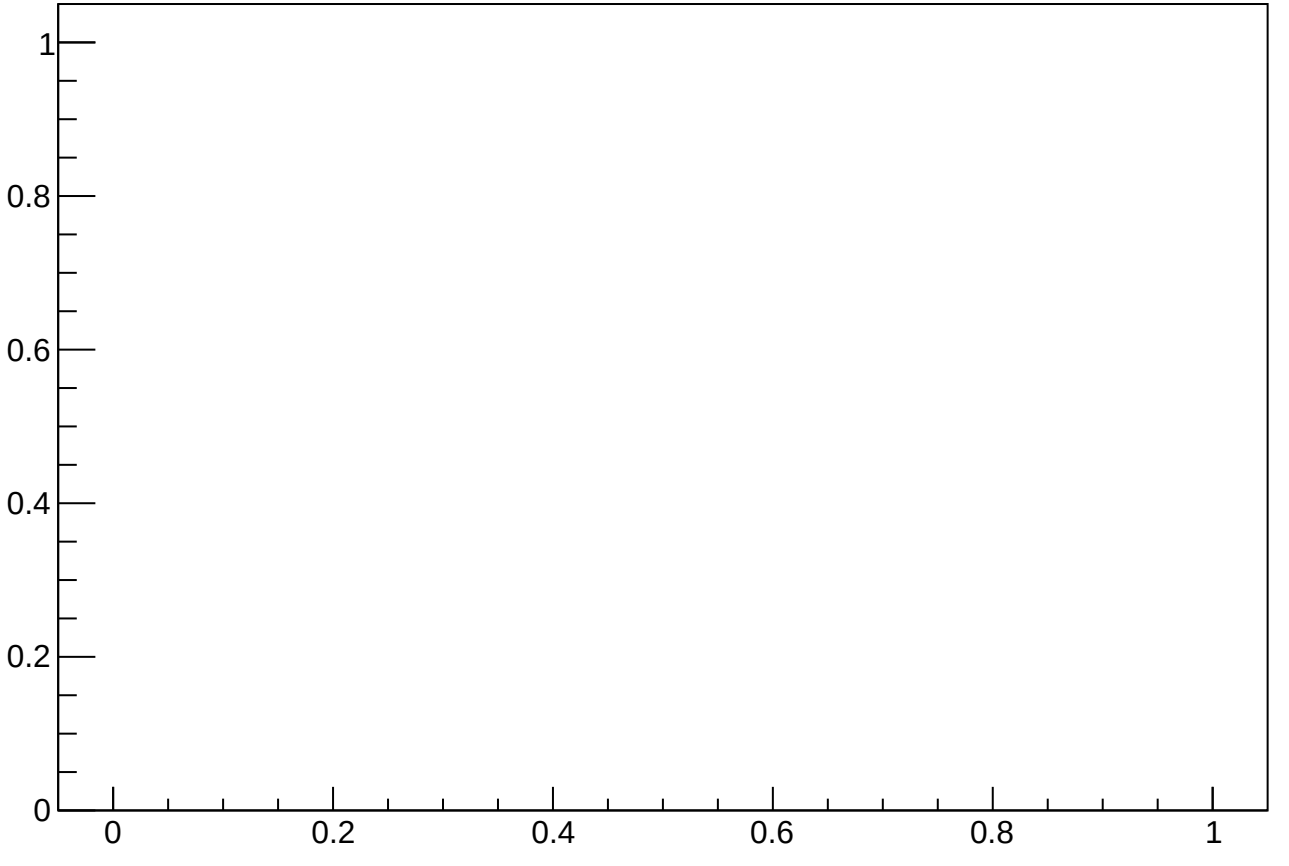
dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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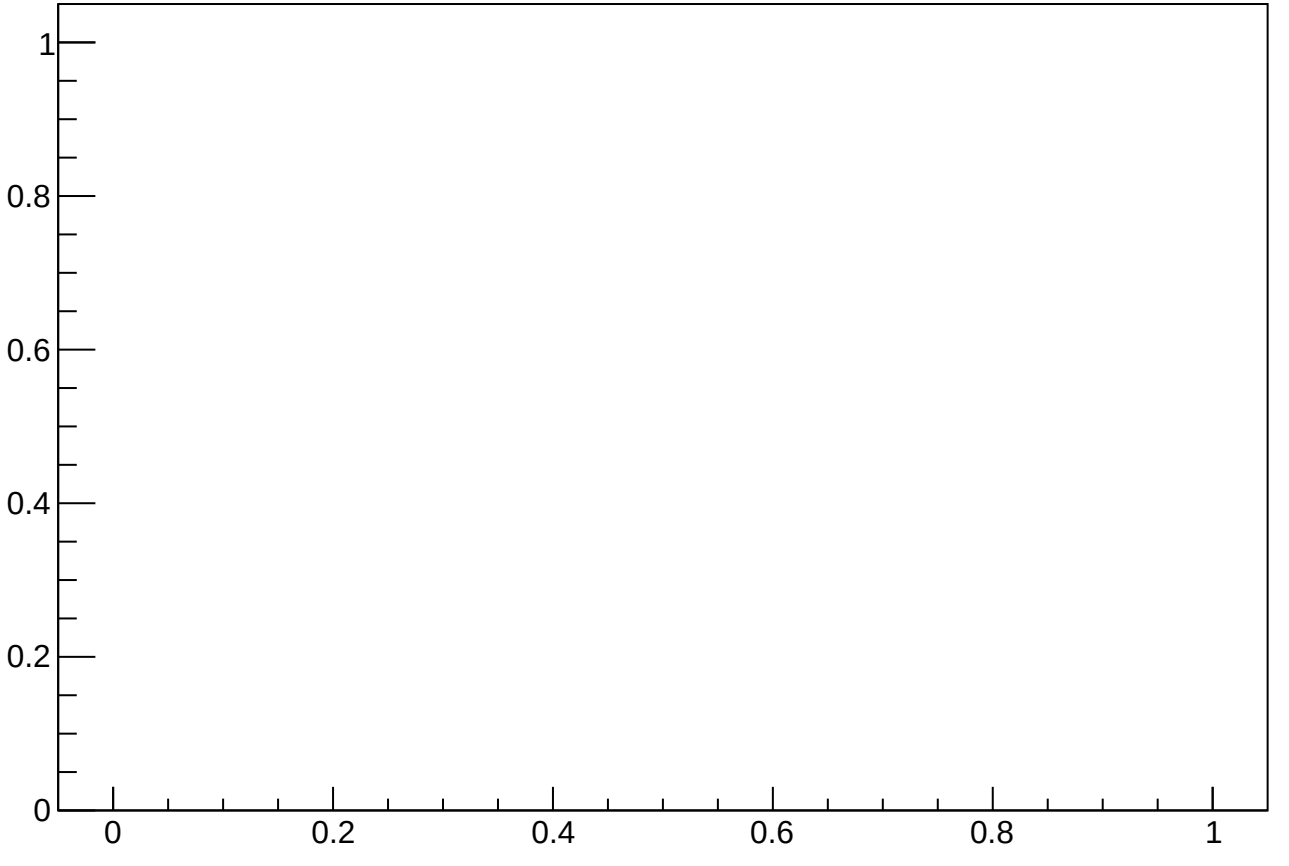
dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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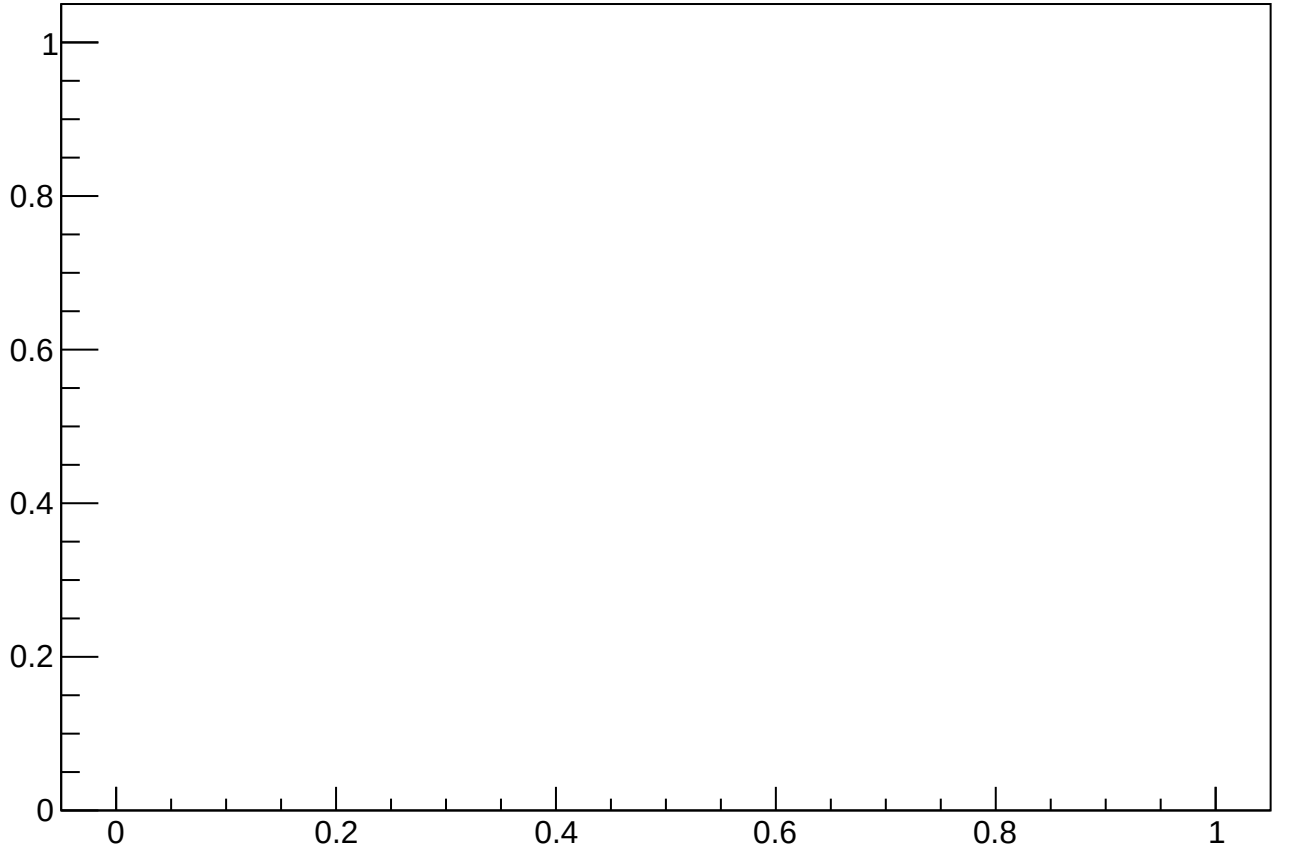
dit_4eX_coil4_mean vs Slug, Sign Corrected



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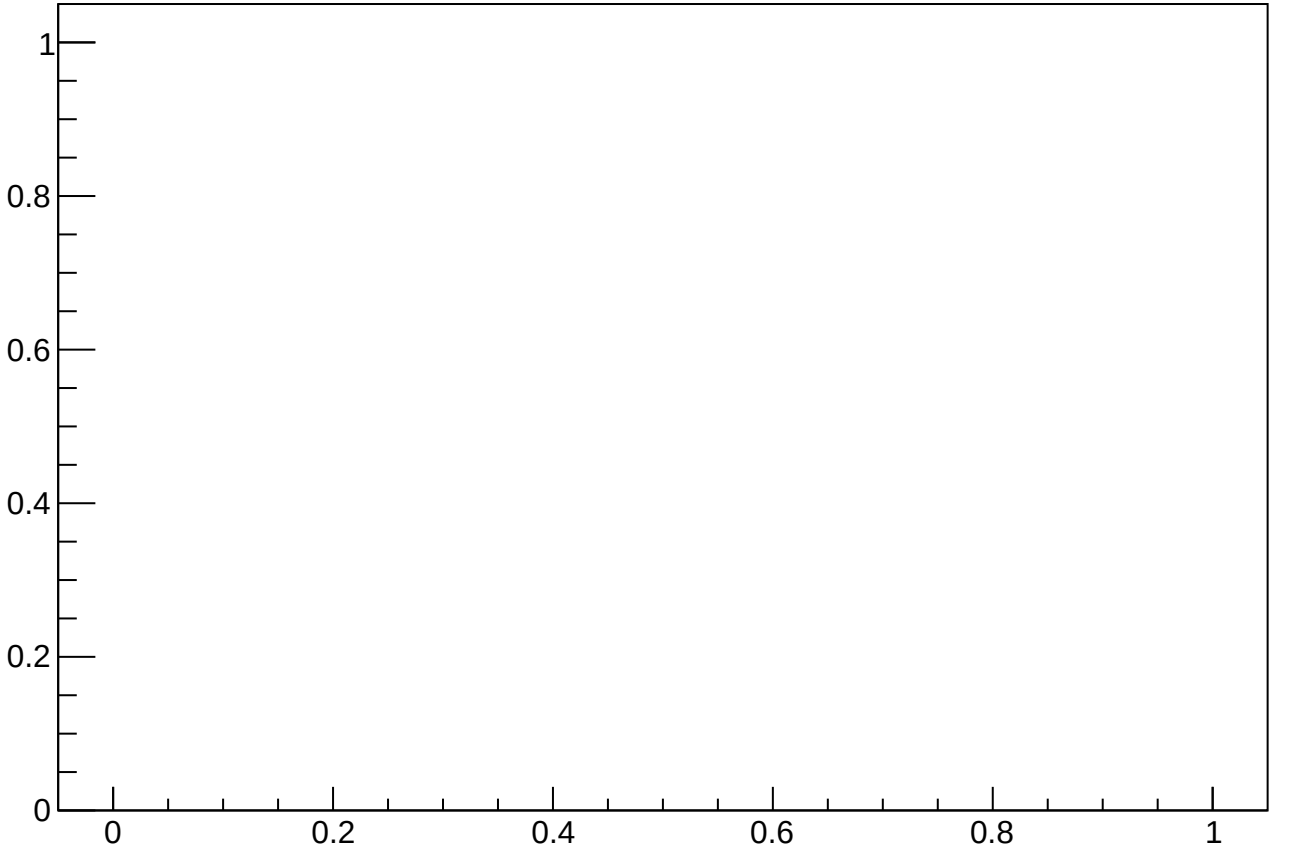
dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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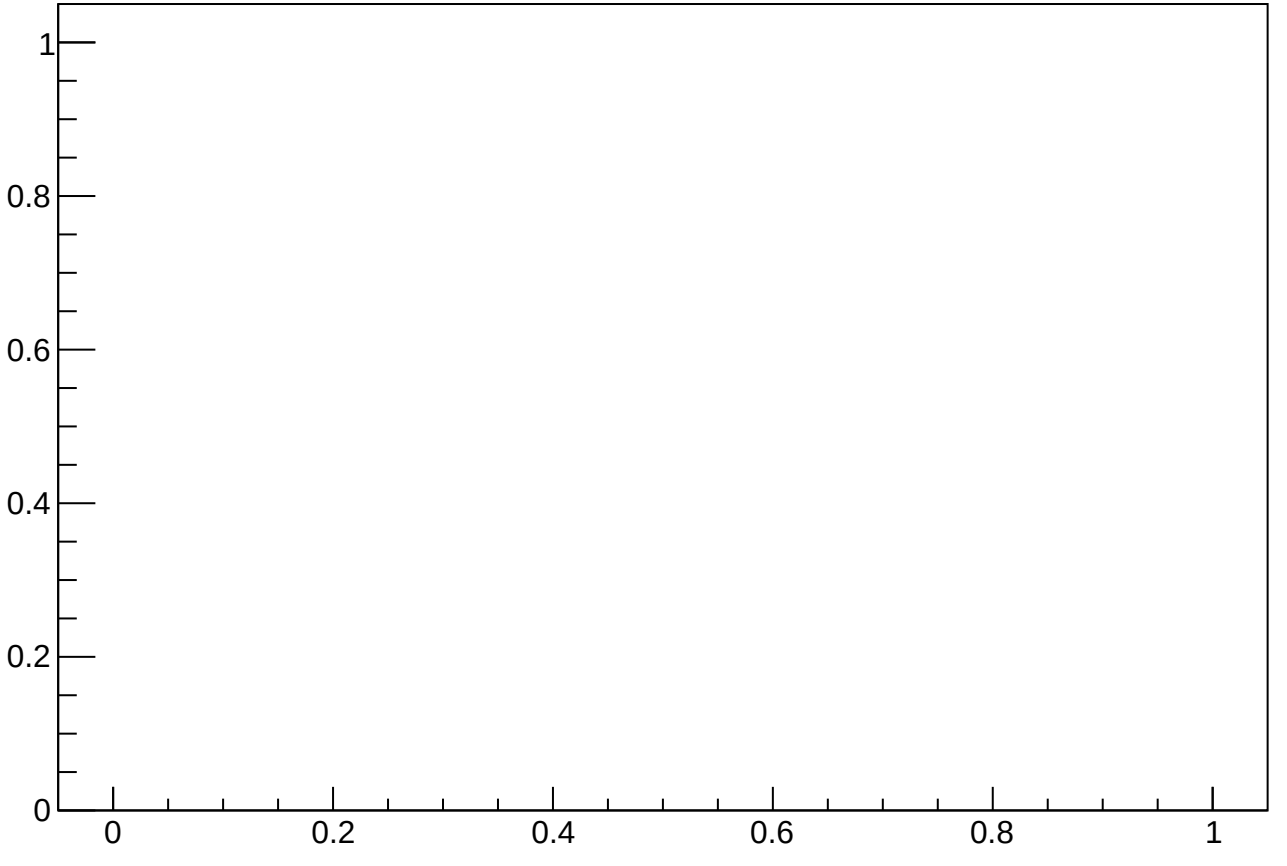
dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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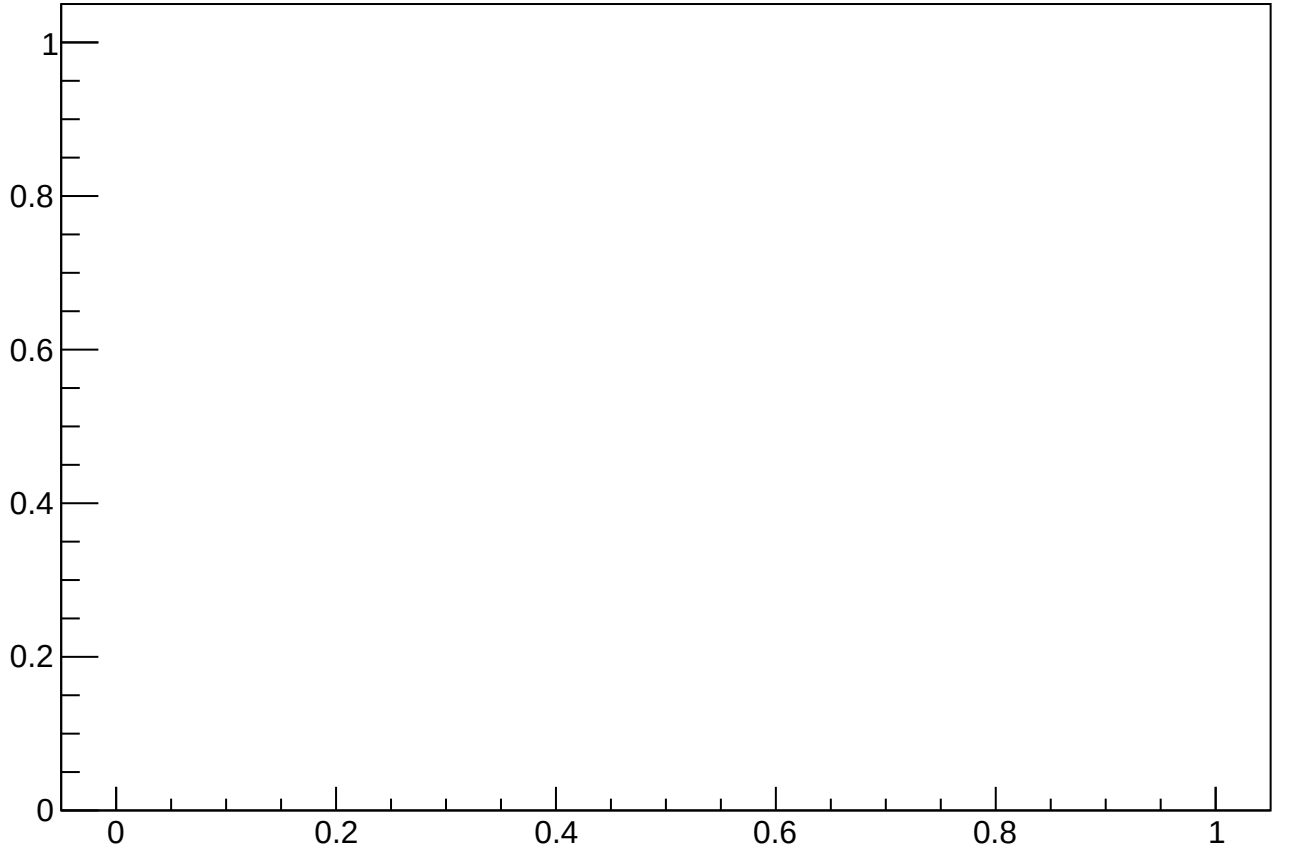
dit_11X12X_coil4_mean vs Slug, Sign Corrected



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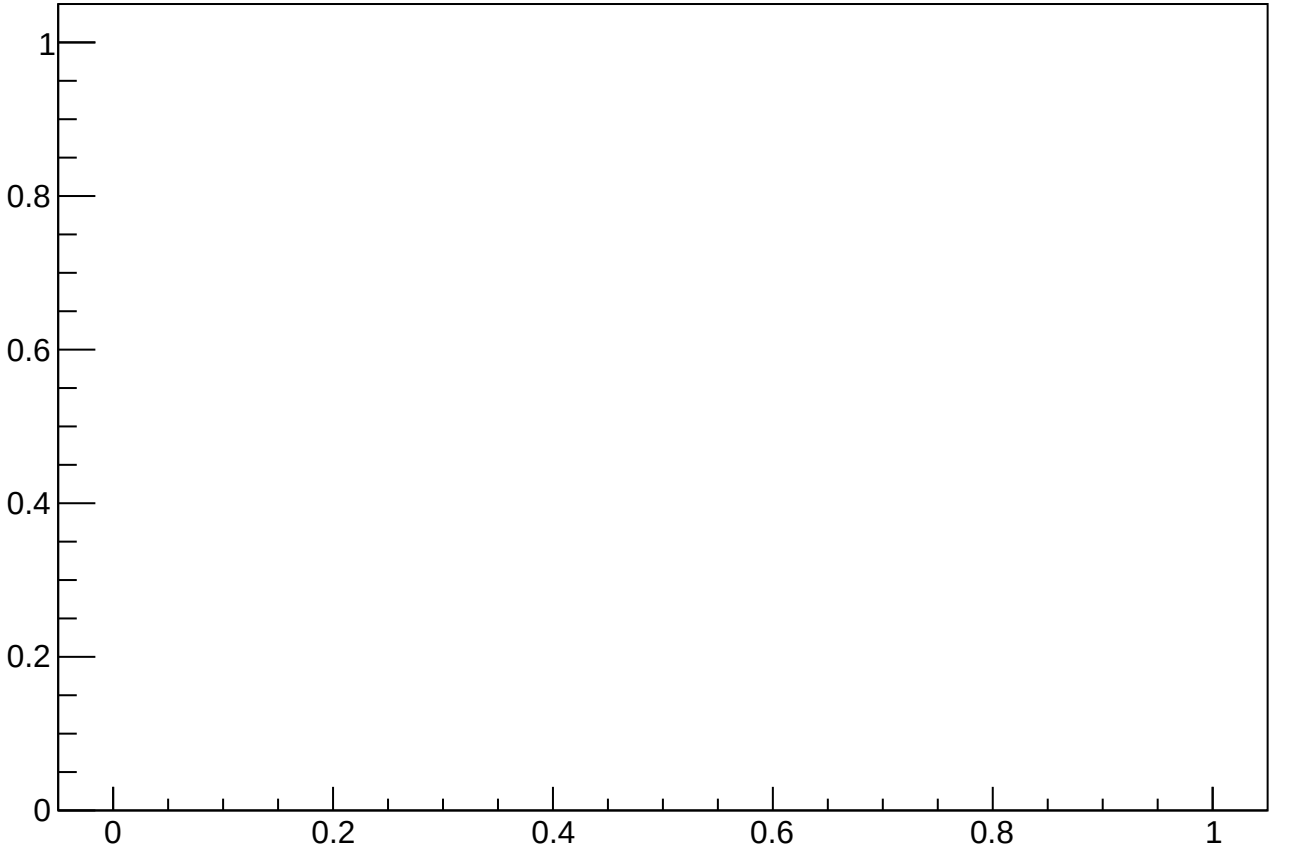
dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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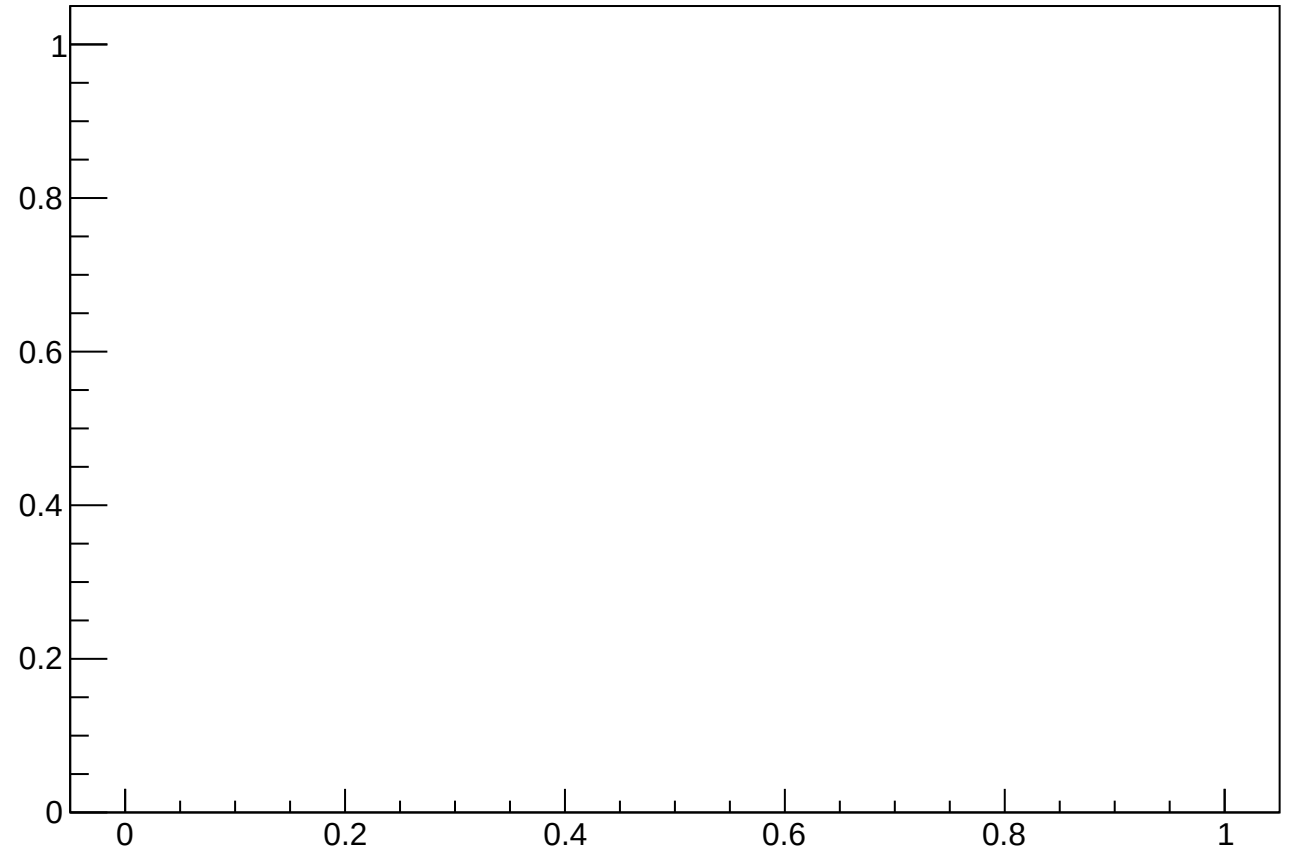

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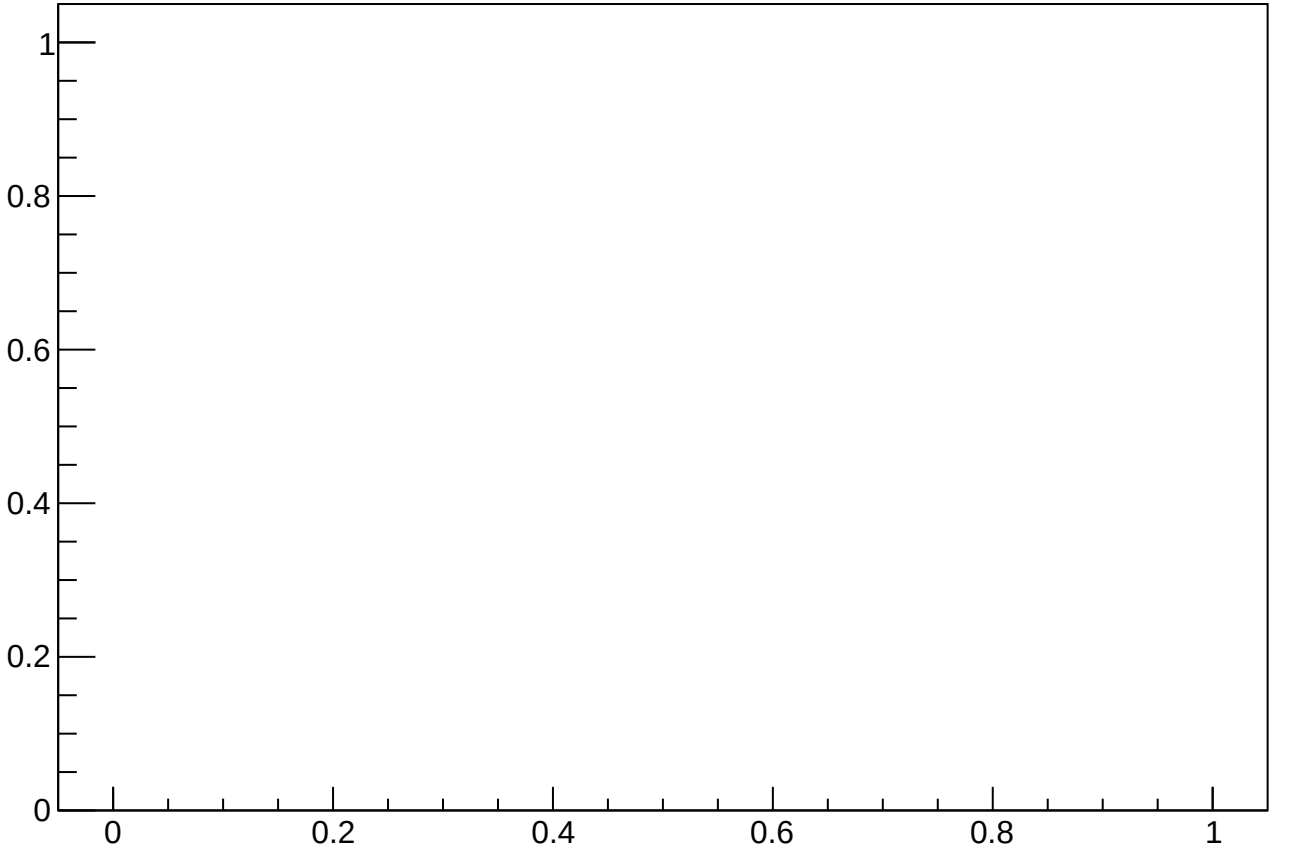
dit_4aY_coil4_mean vs Slug, Sign Corrected



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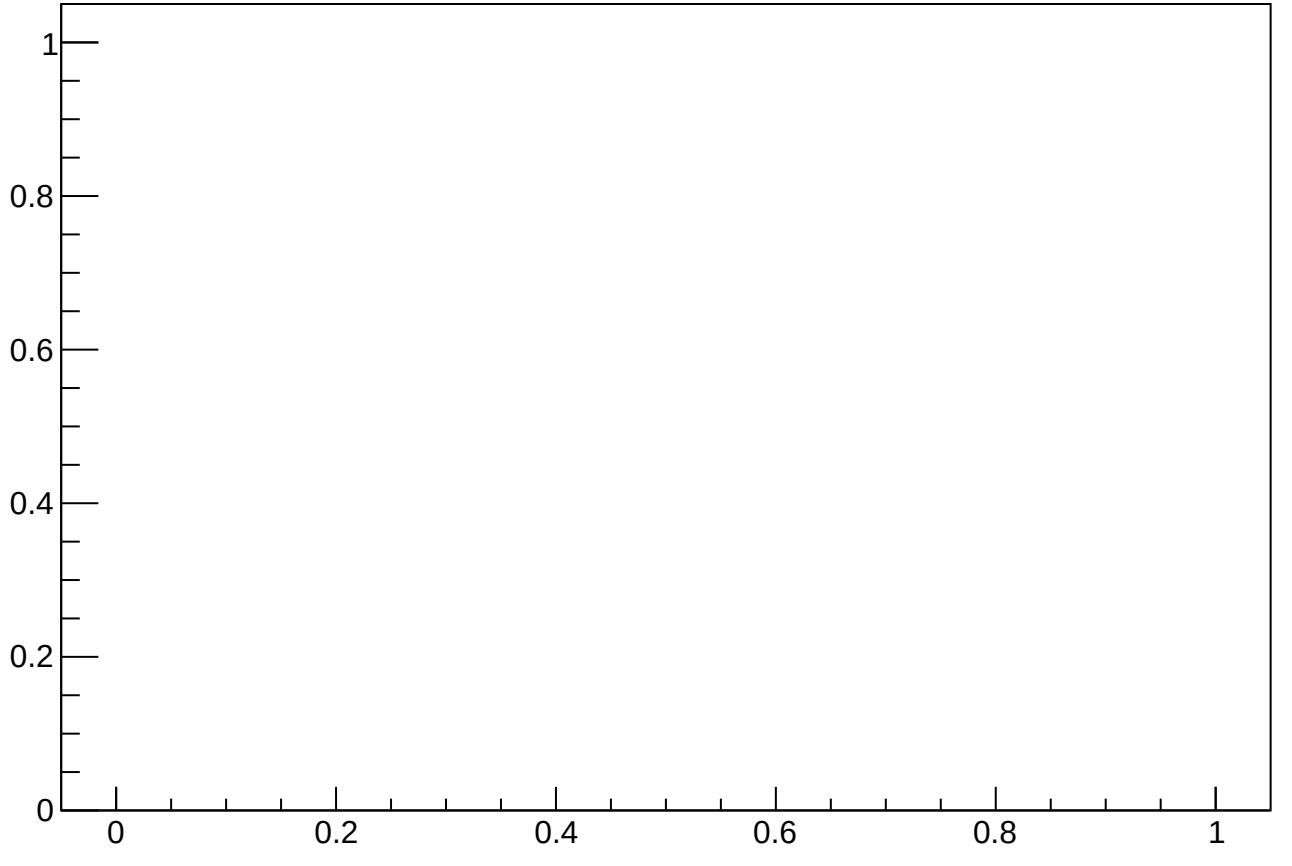
dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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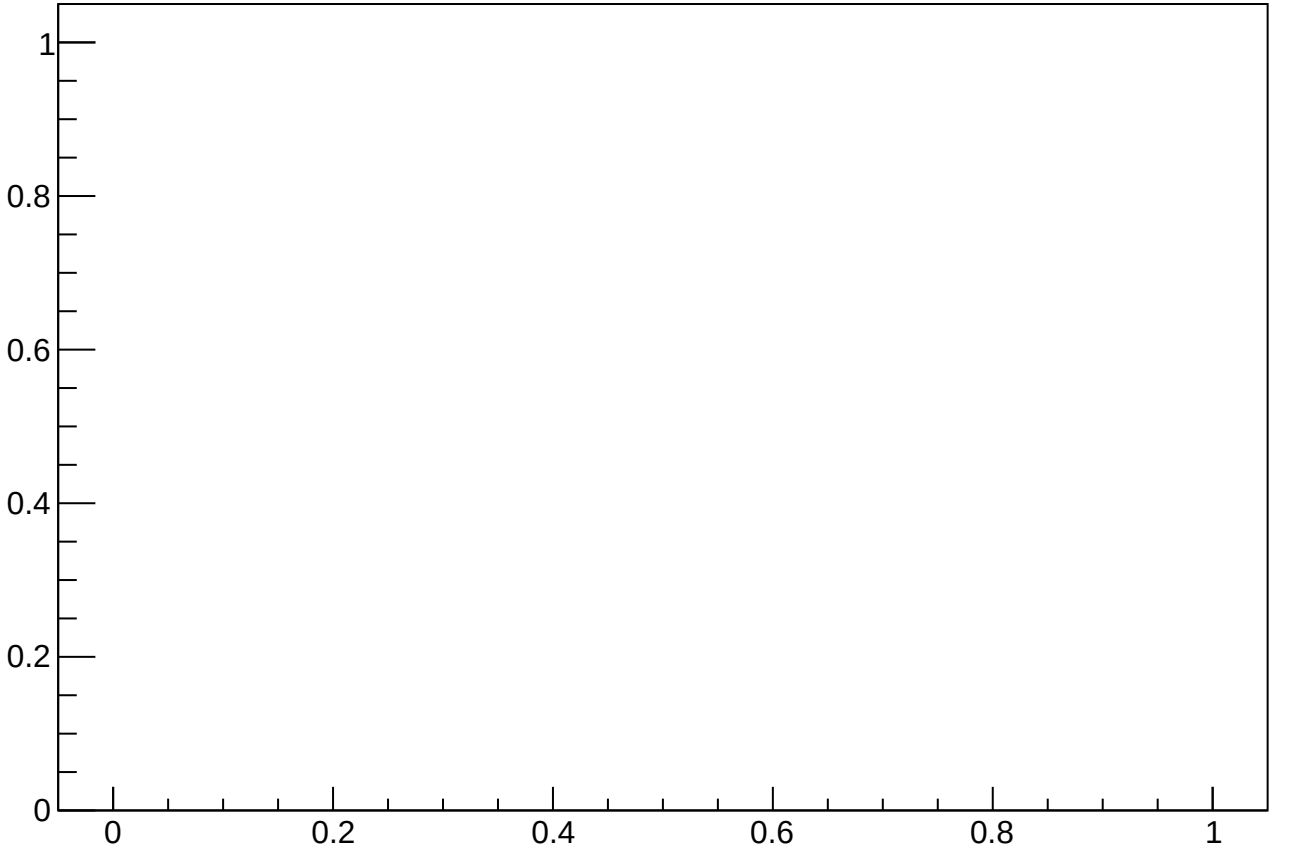
dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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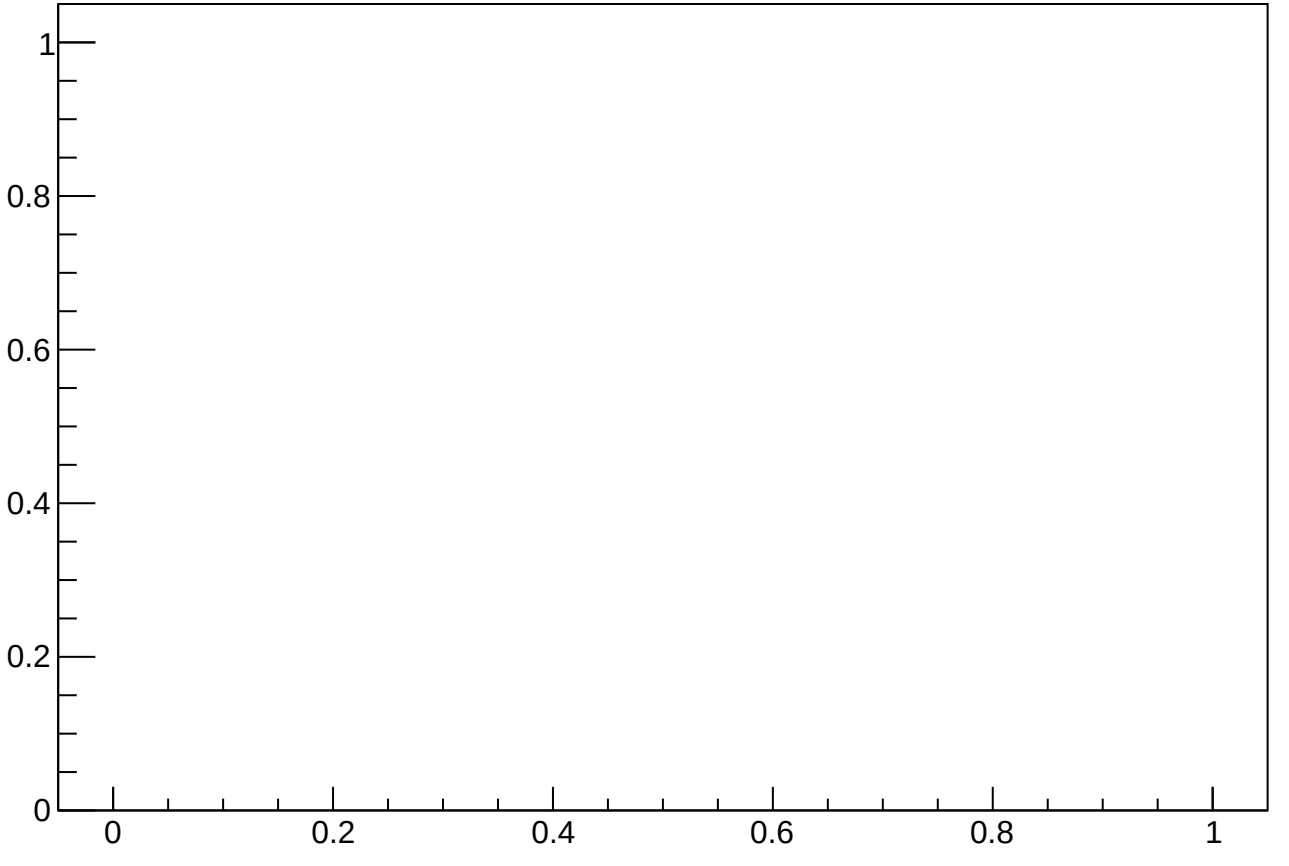
dit_4eY_coil4_mean vs Slug, Sign Corrected



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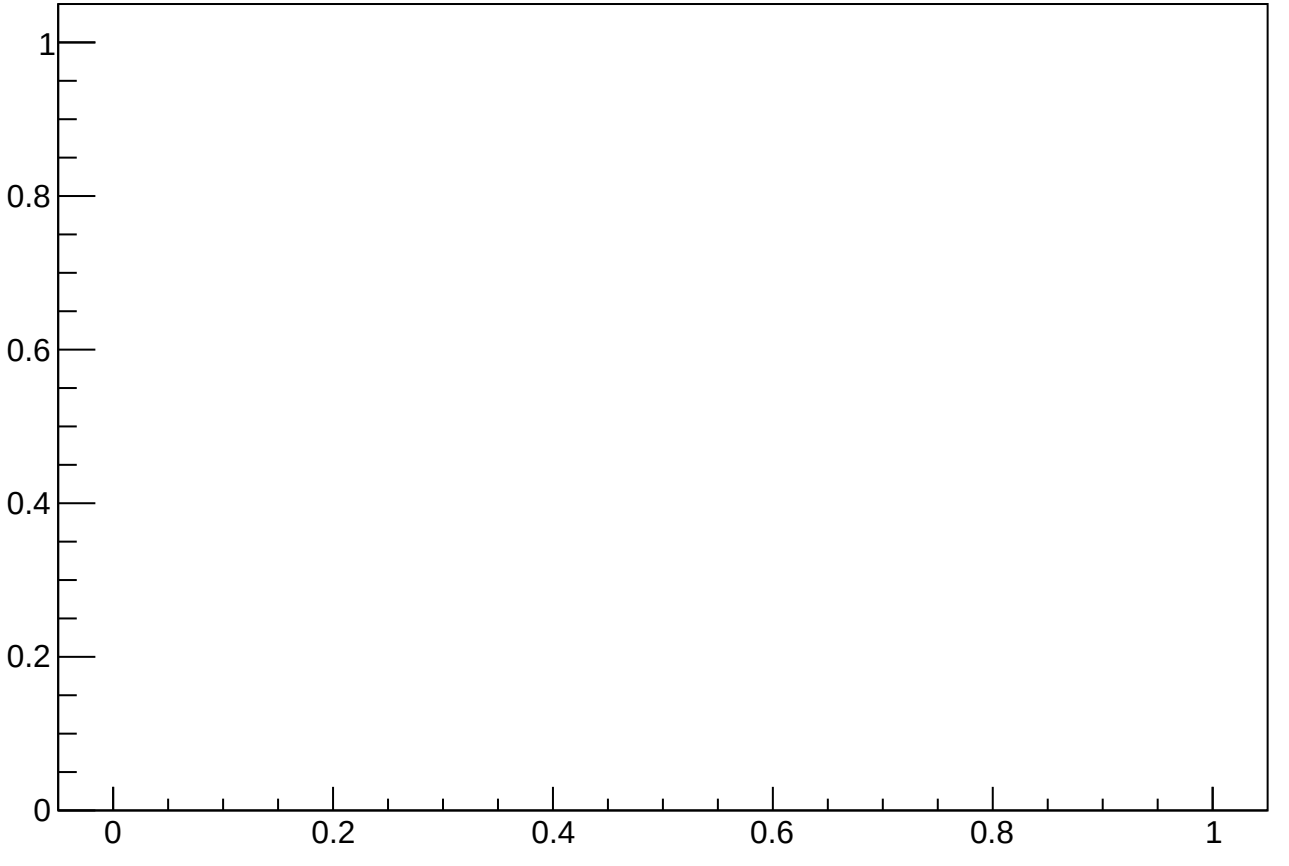
dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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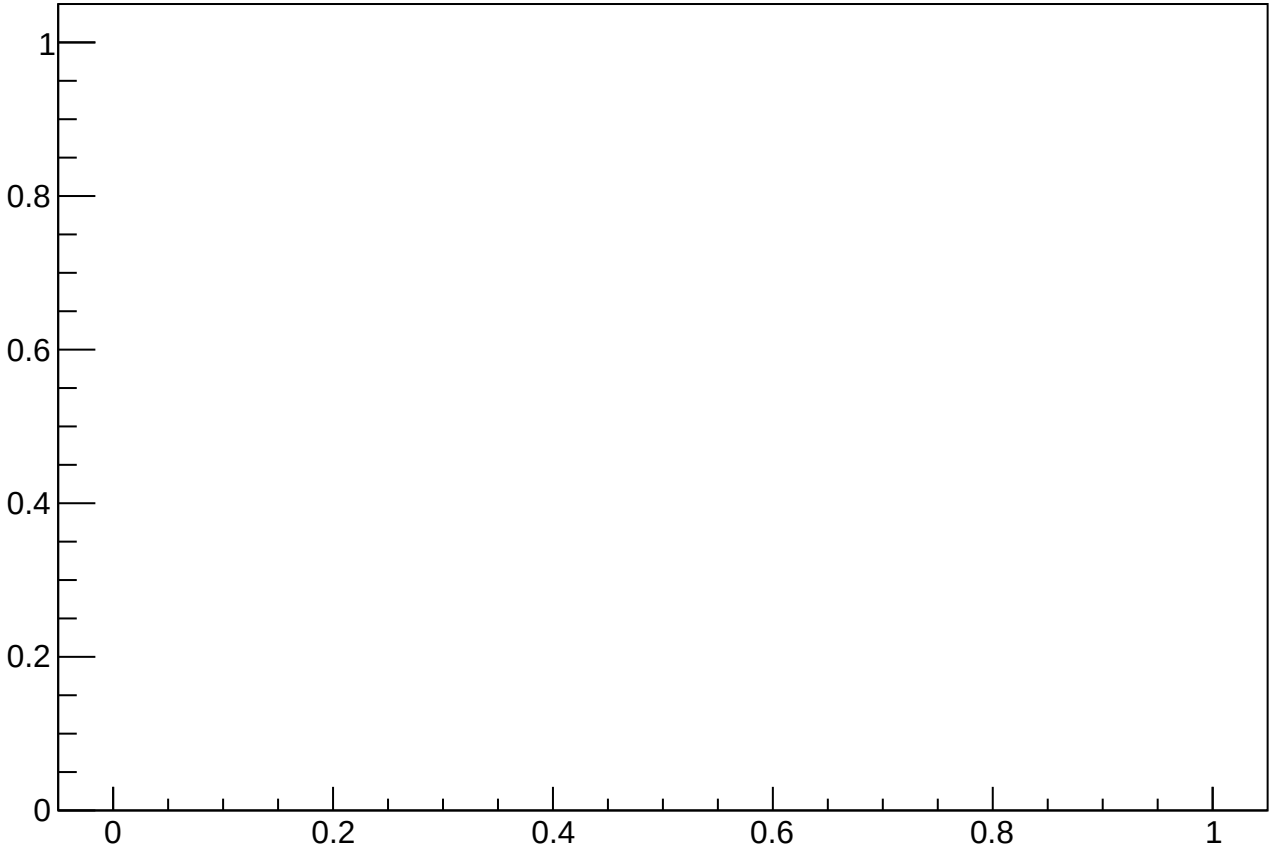
dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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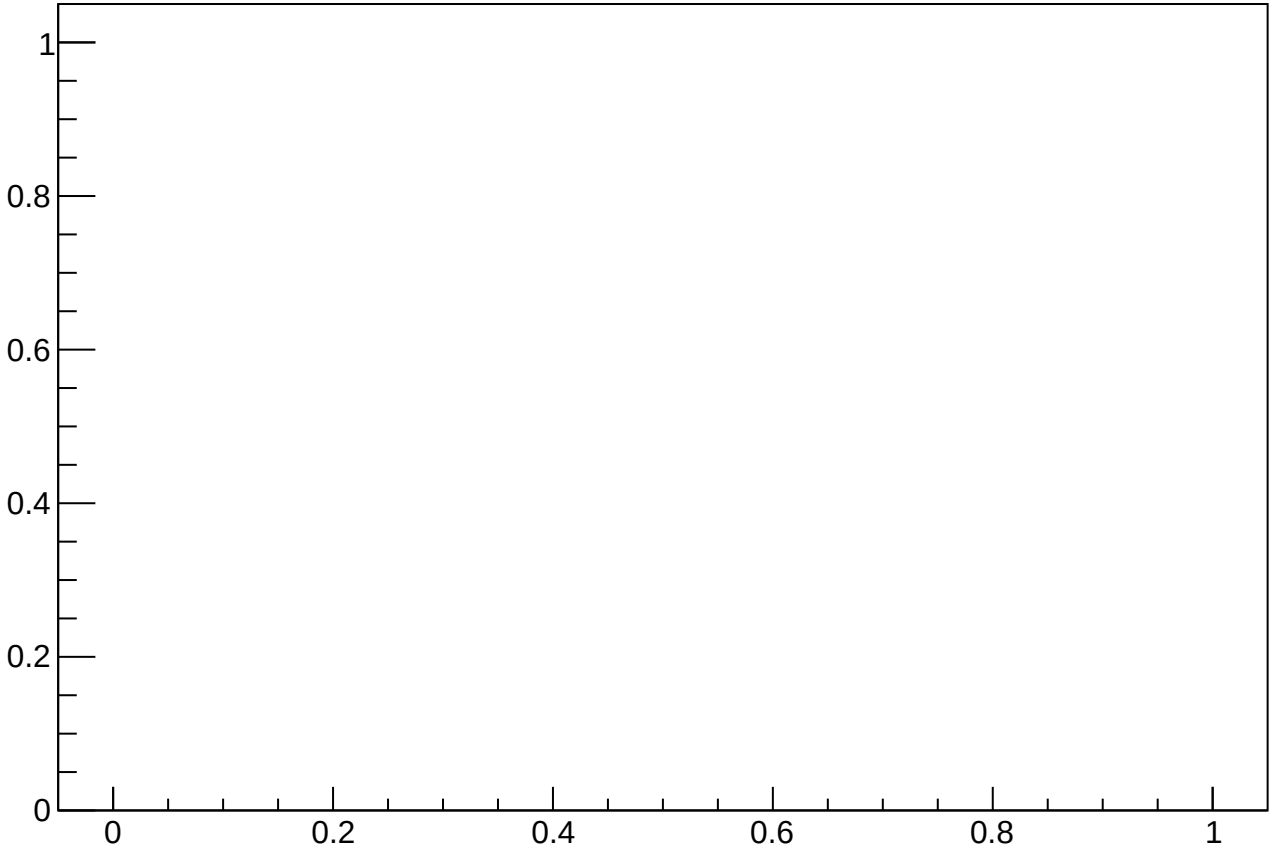
dit_usl_coil4_mean vs Slug, Sign Corrected



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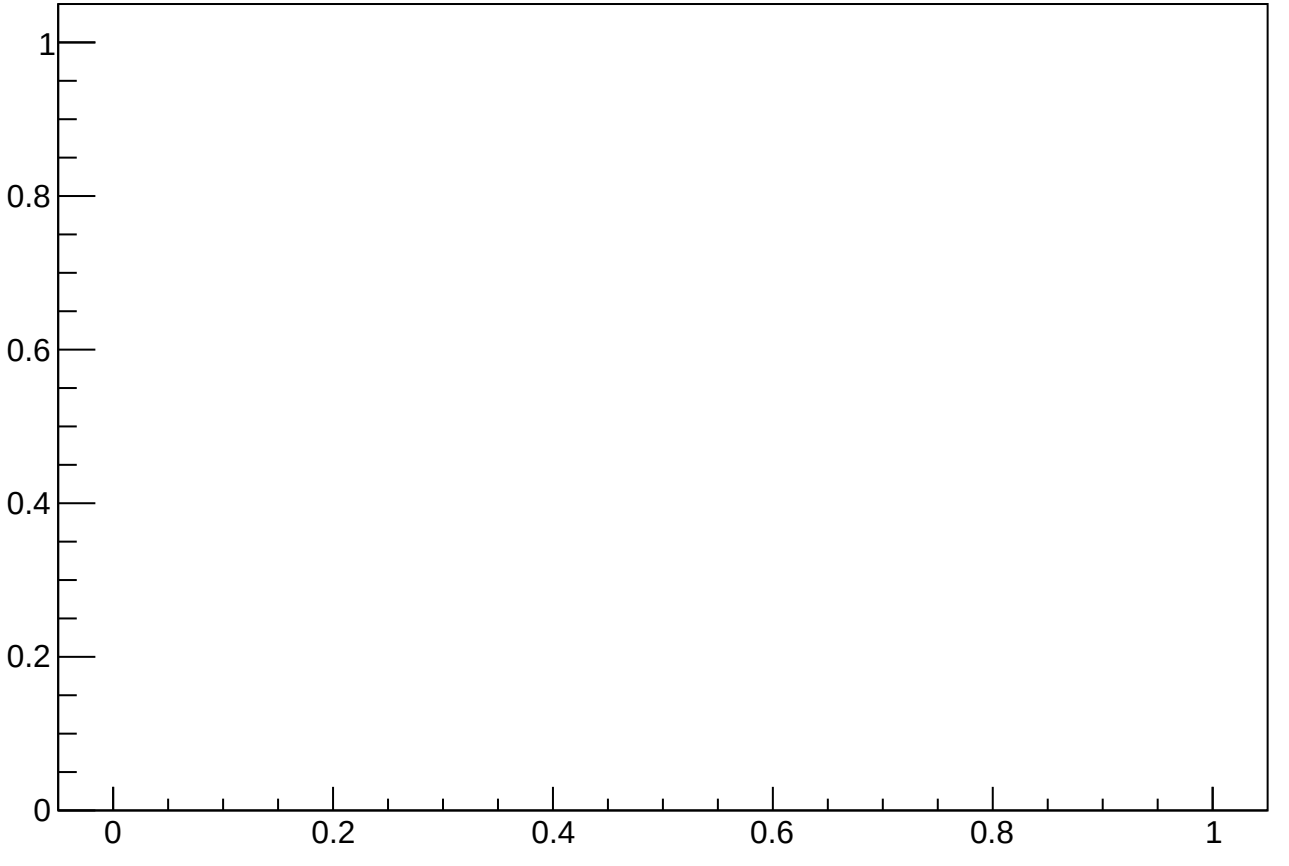

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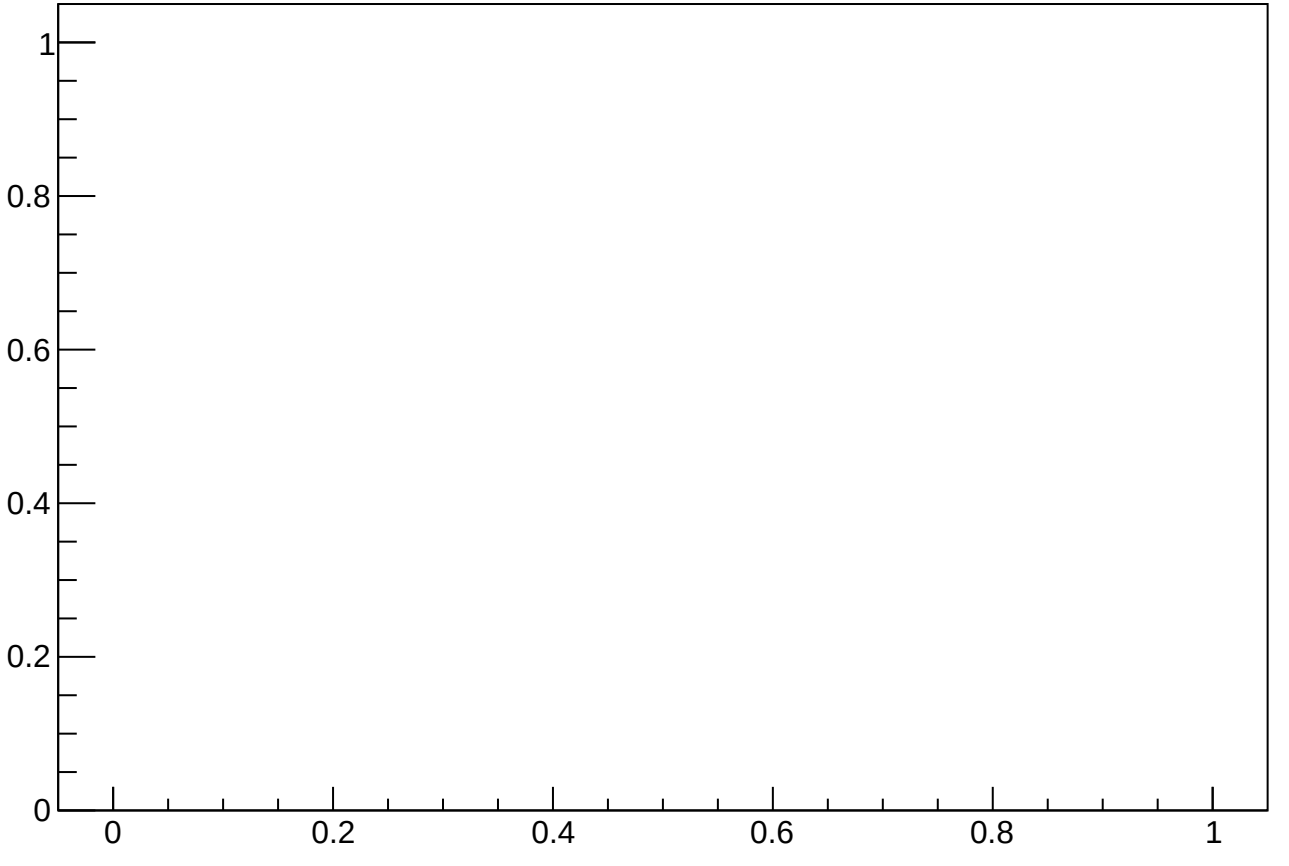
dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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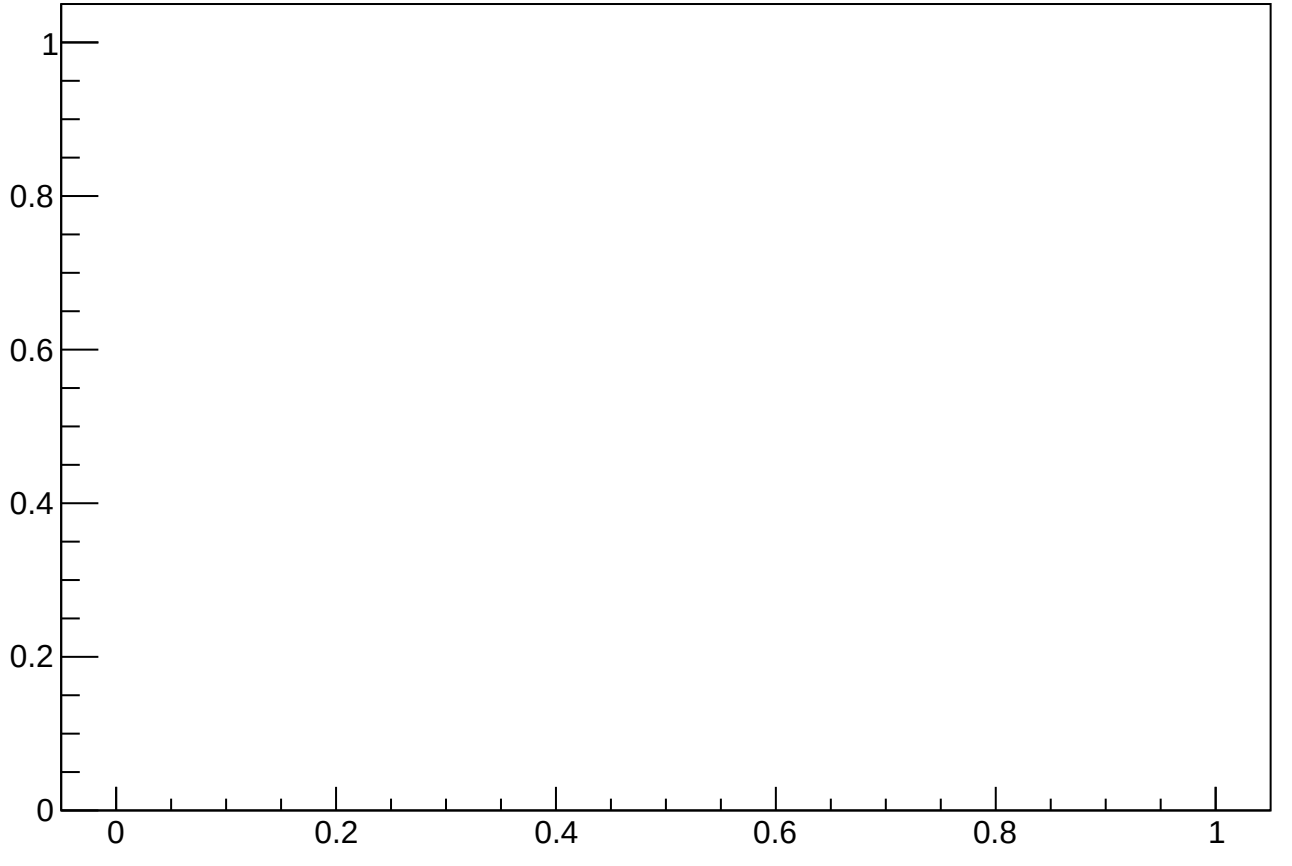
dit_usr_coil4_mean vs Slug, Sign Corrected



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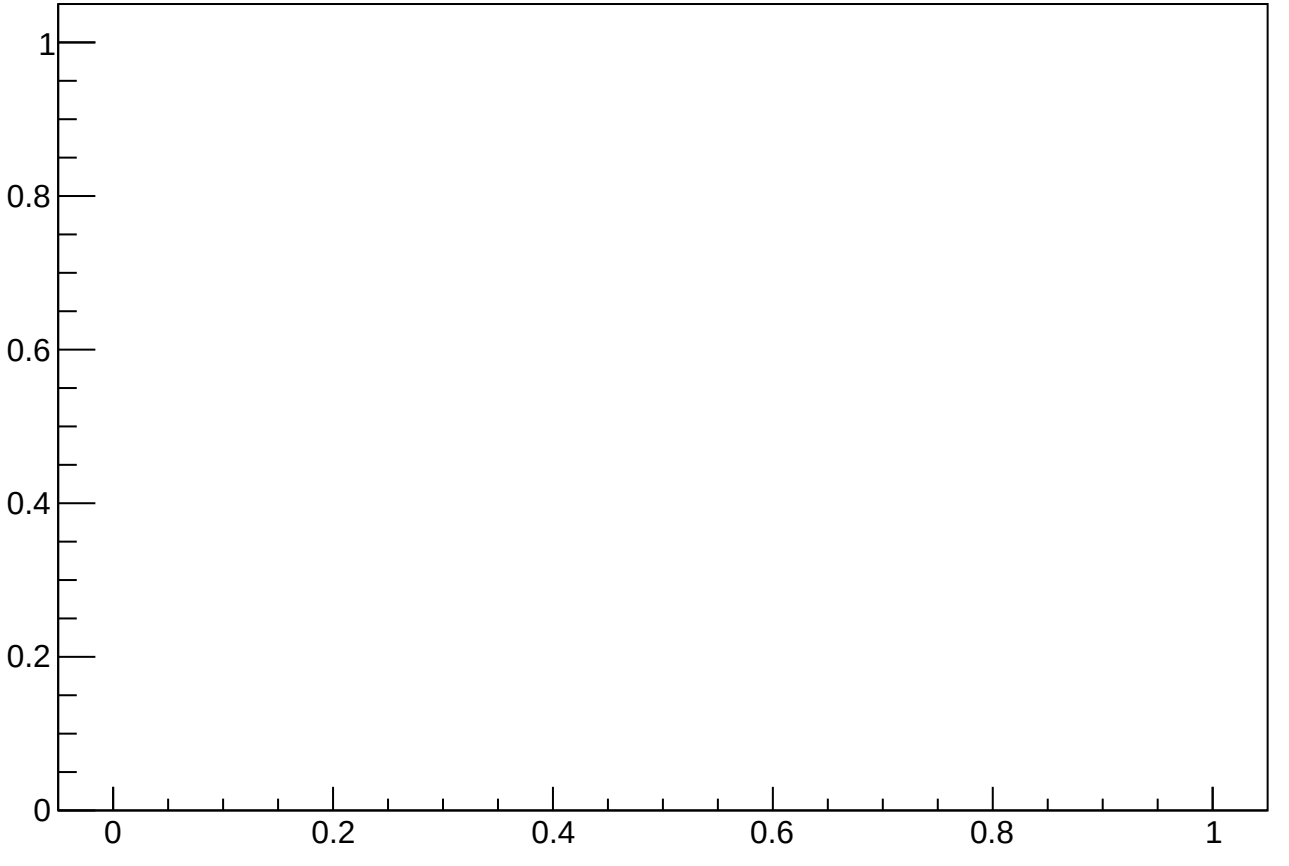
dit_usr_coil4_err_mean vs Slug, Sign Corrected



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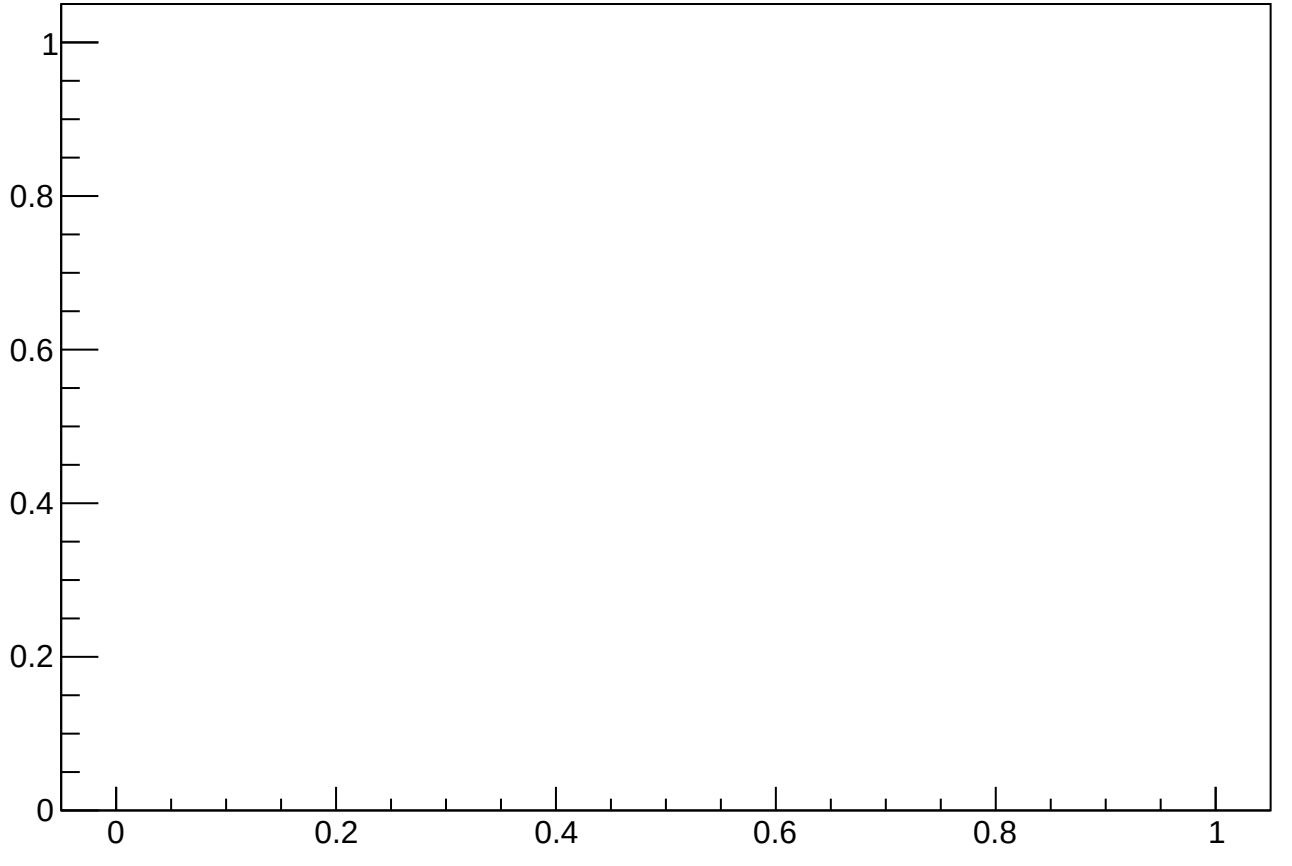

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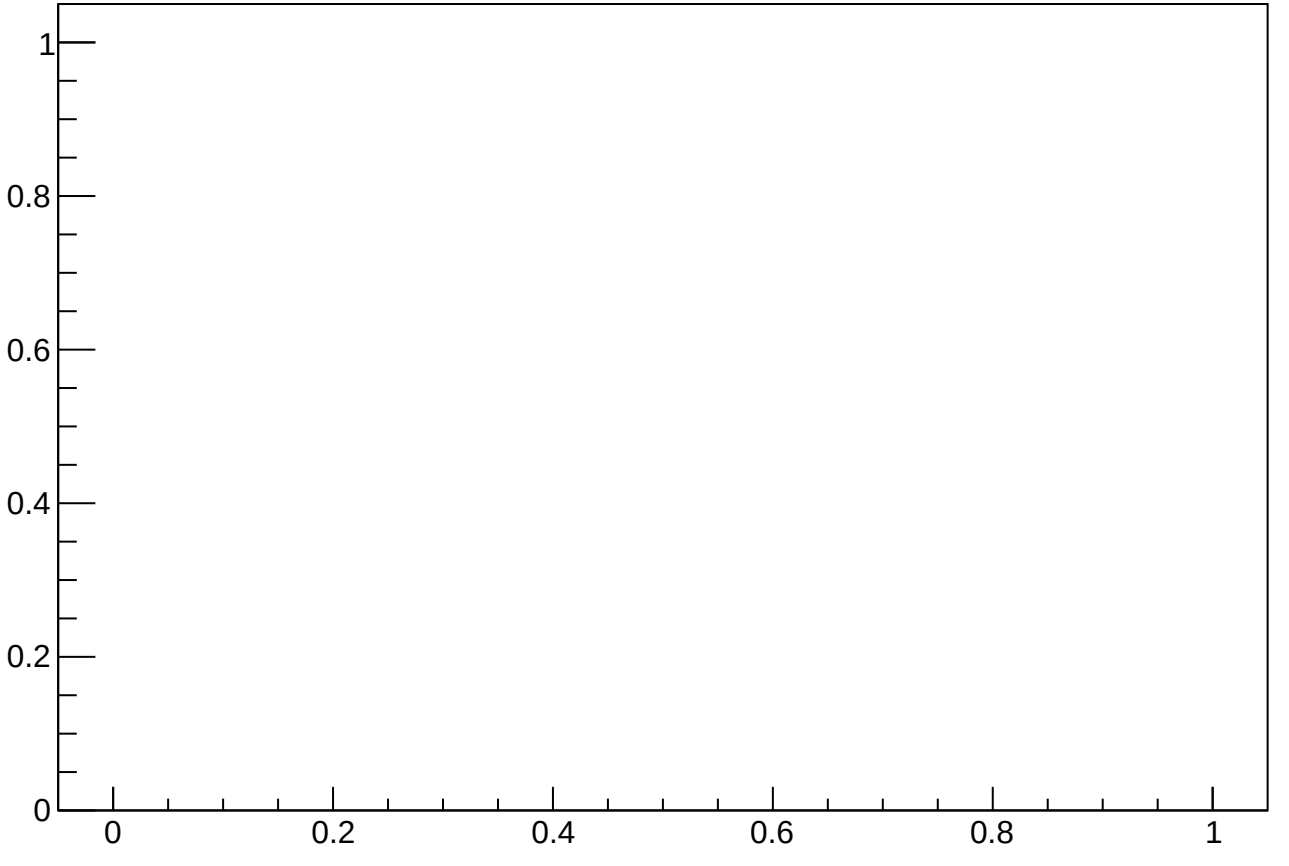
dit_atl1_coil4_mean vs Slug, Sign Corrected



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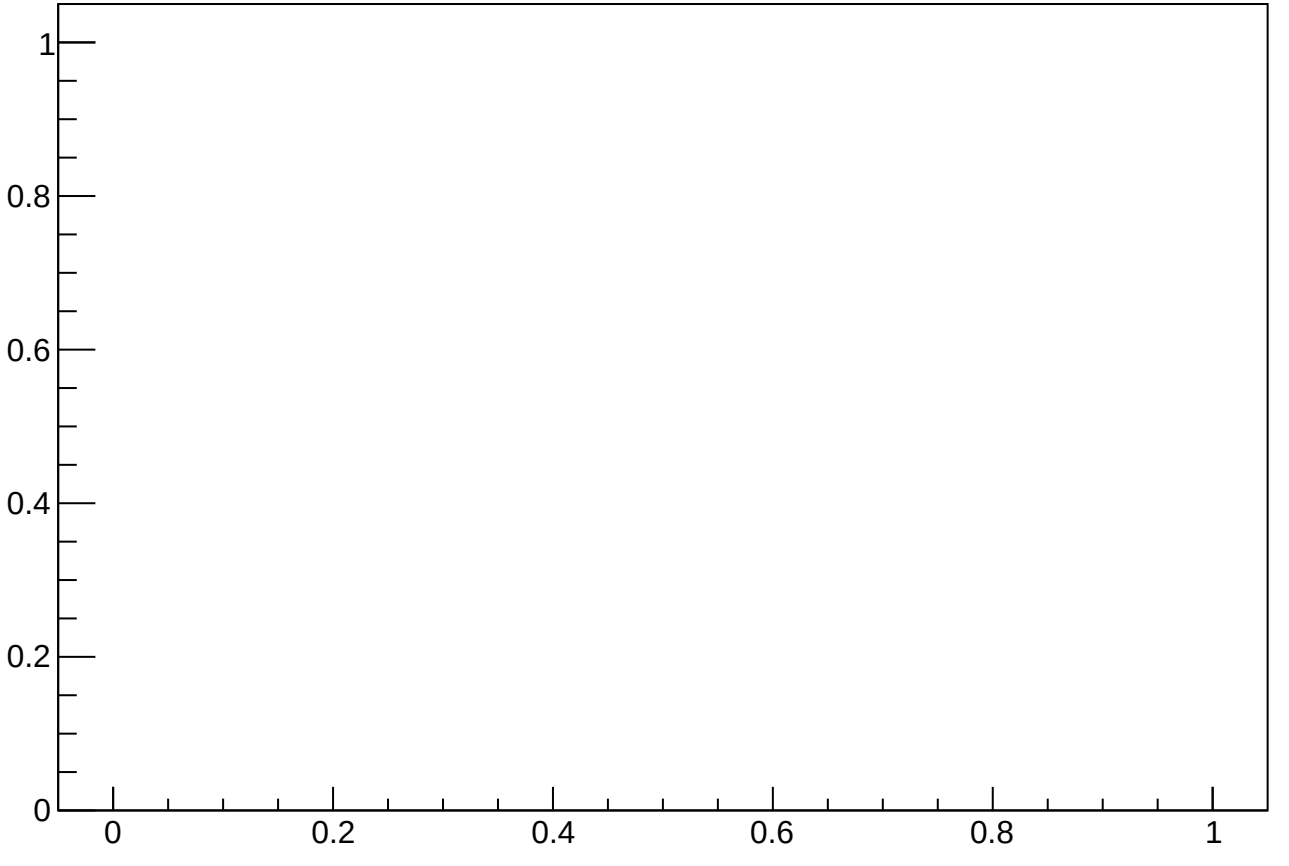

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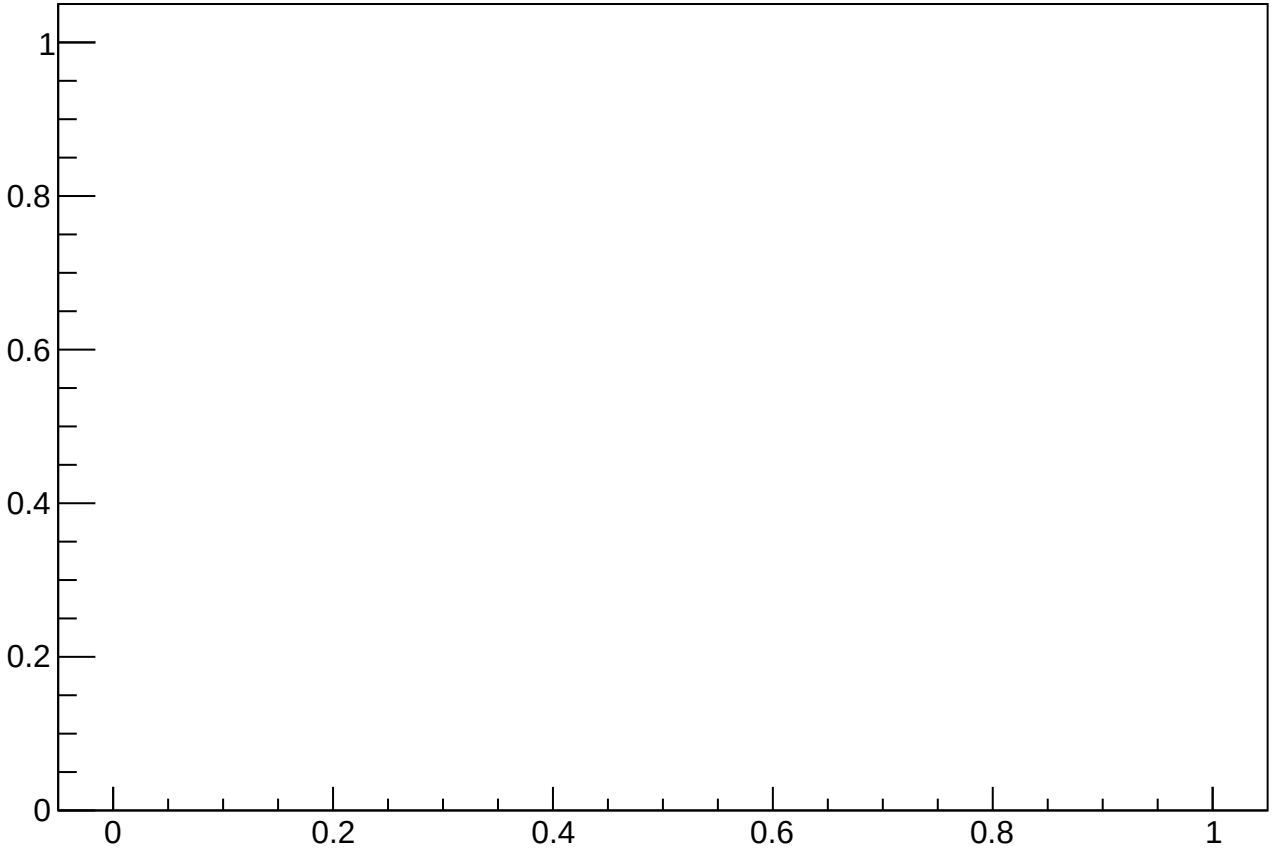

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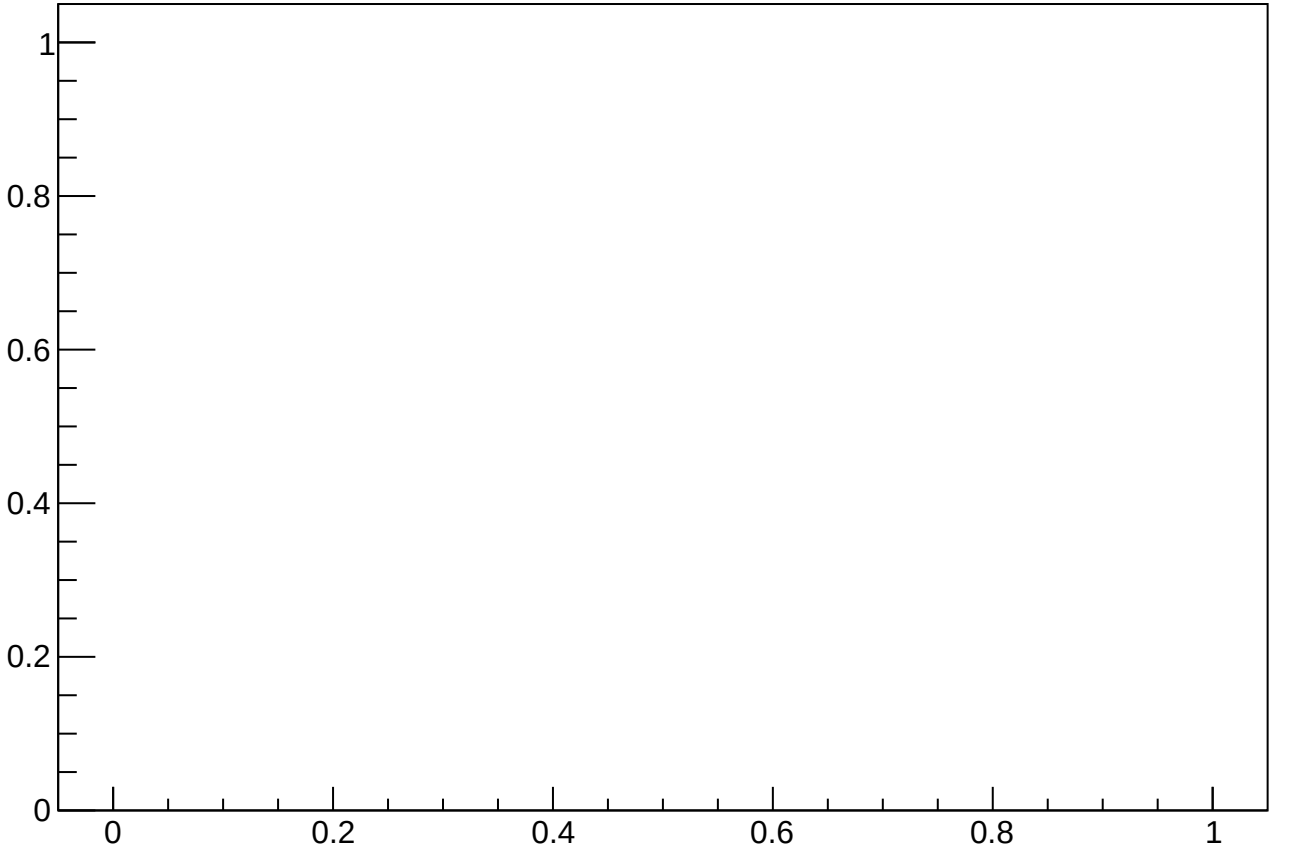
dit_atl2_coil4_mean vs Slug, Sign Corrected



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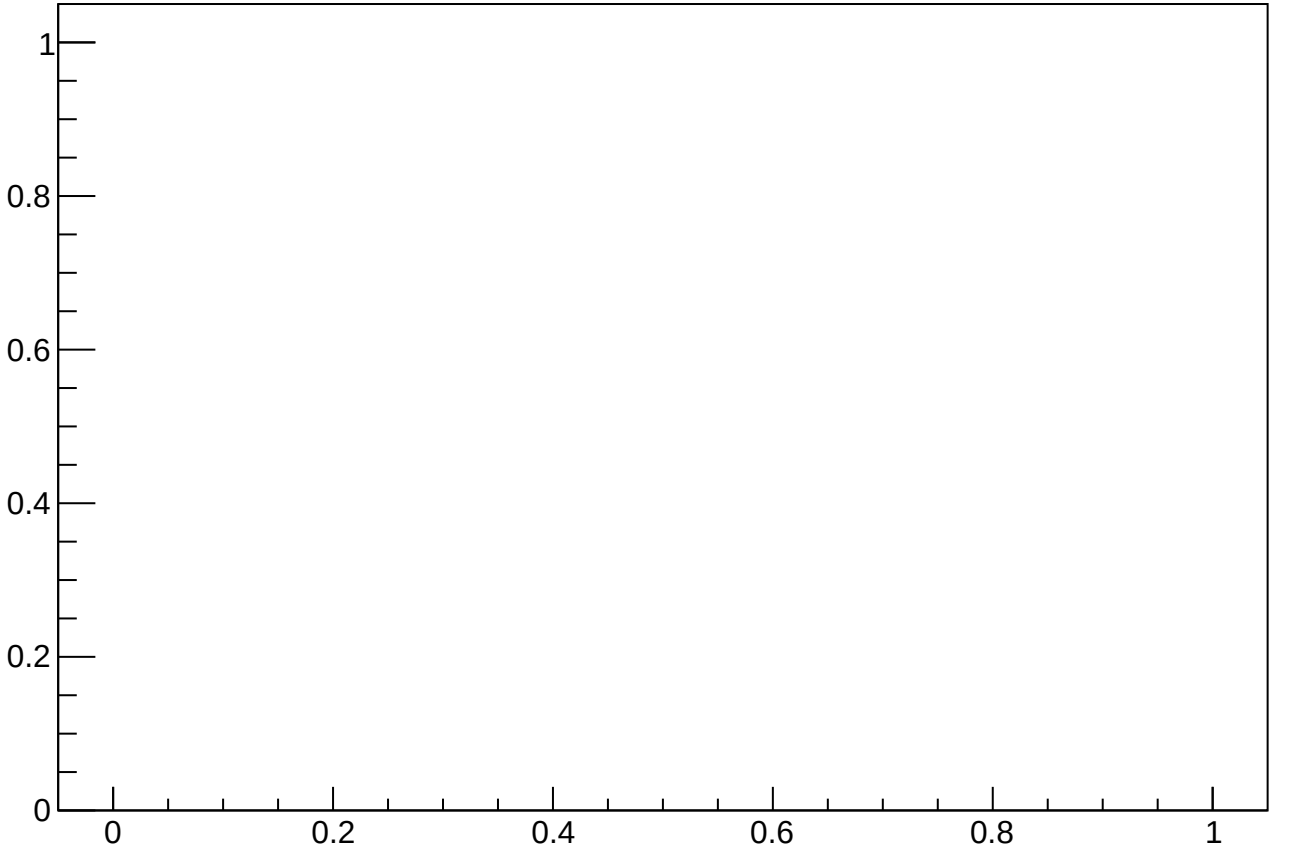

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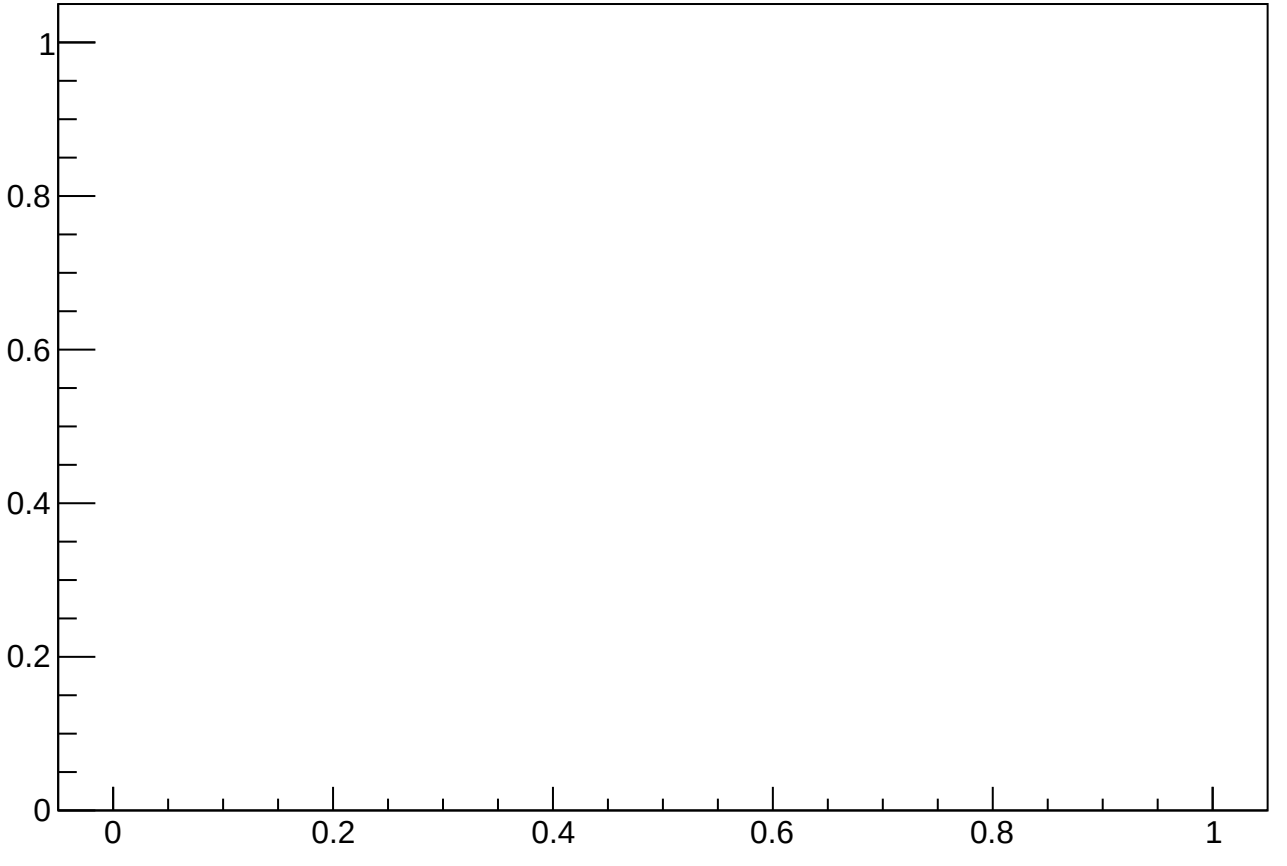

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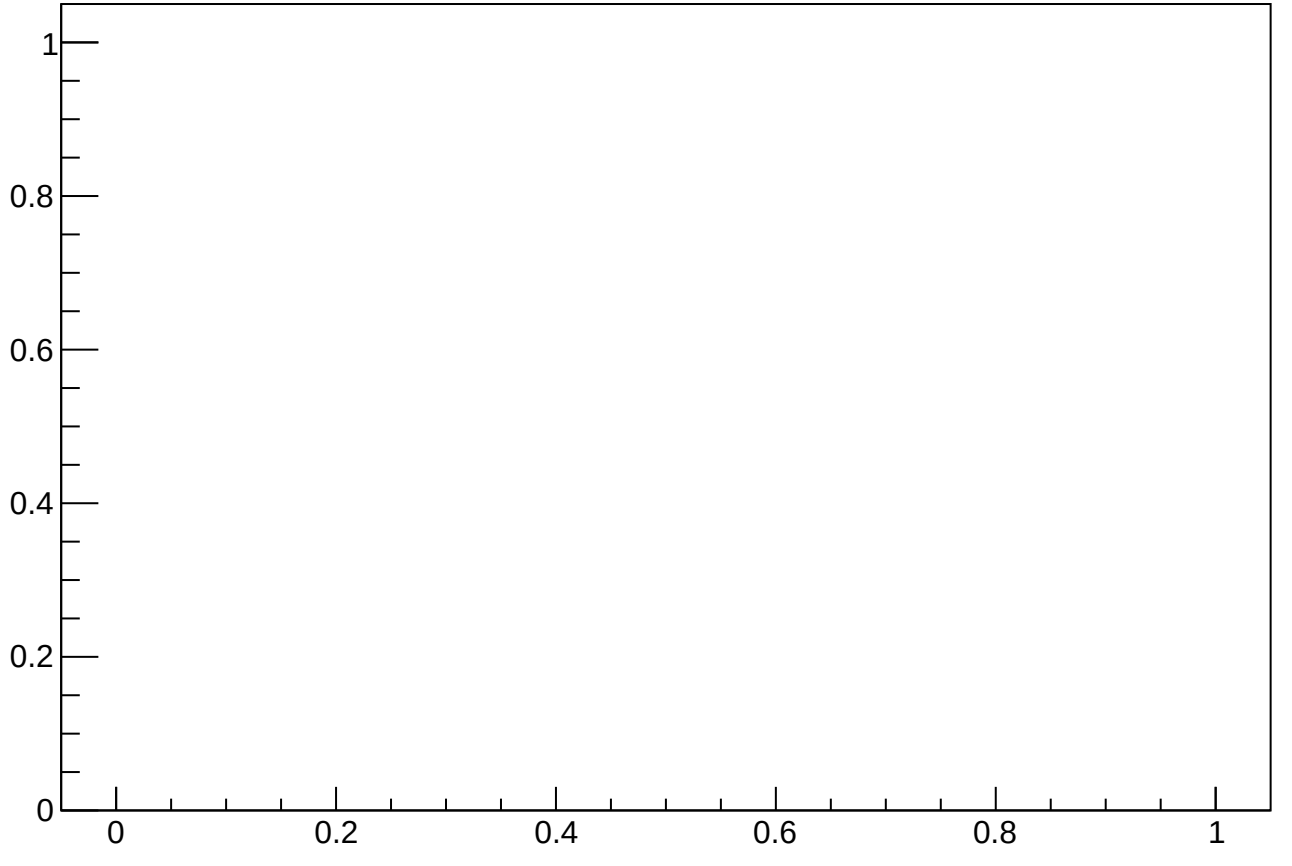

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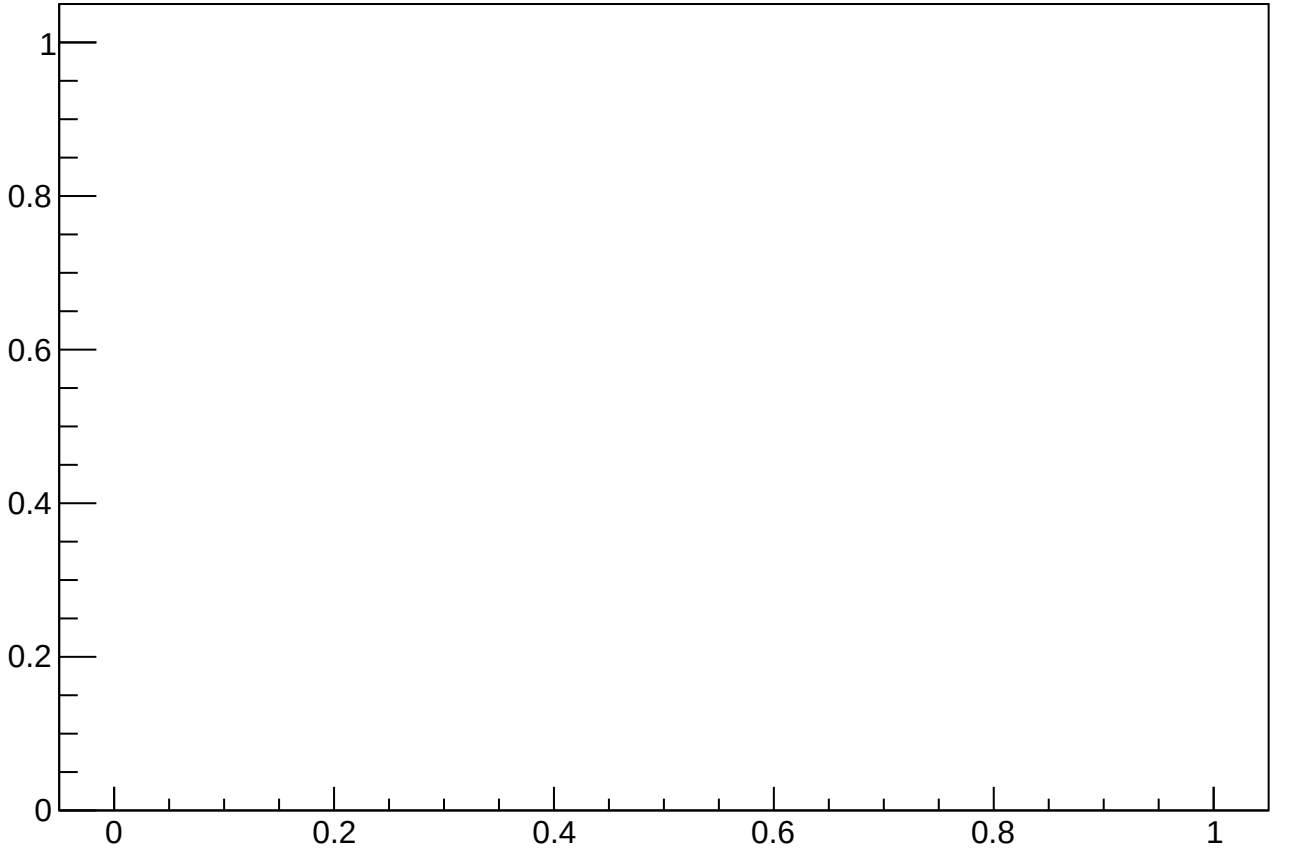
dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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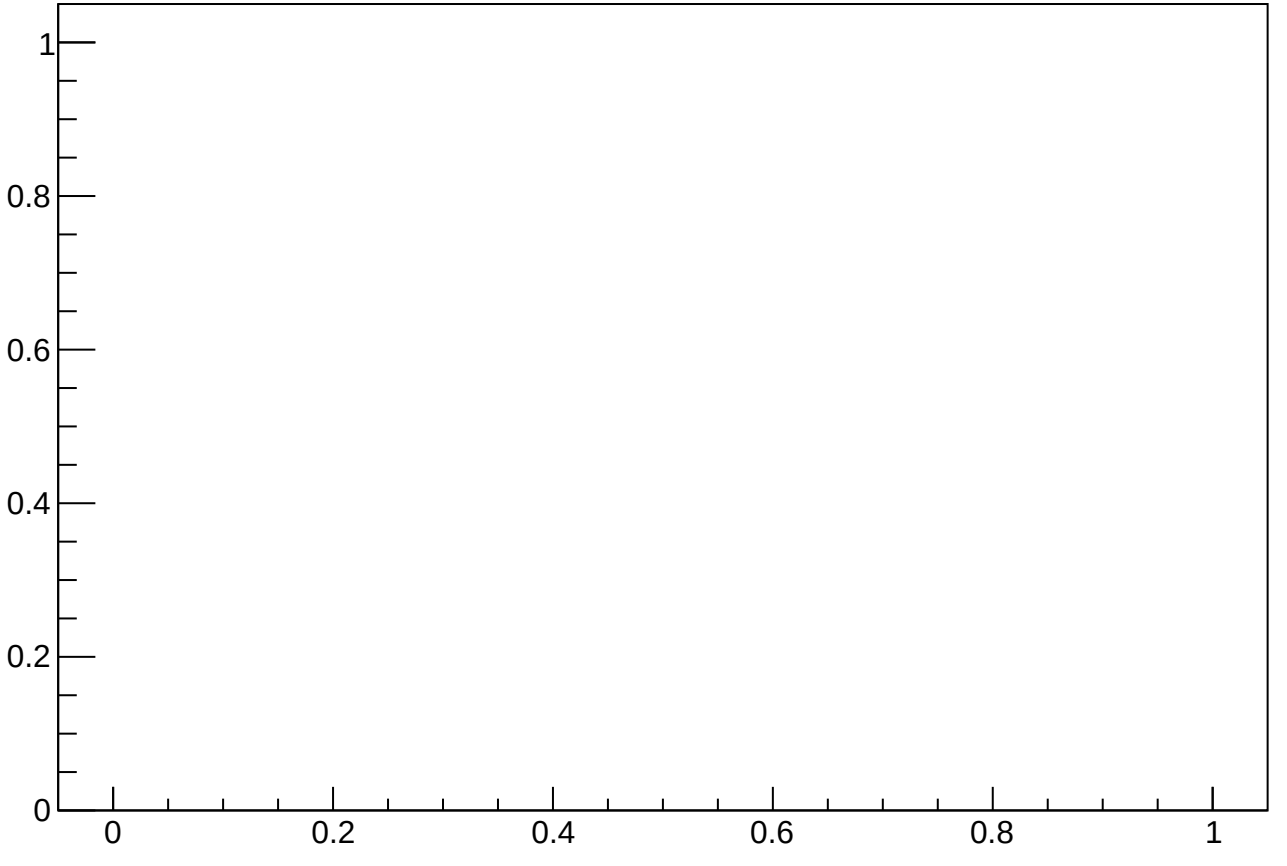

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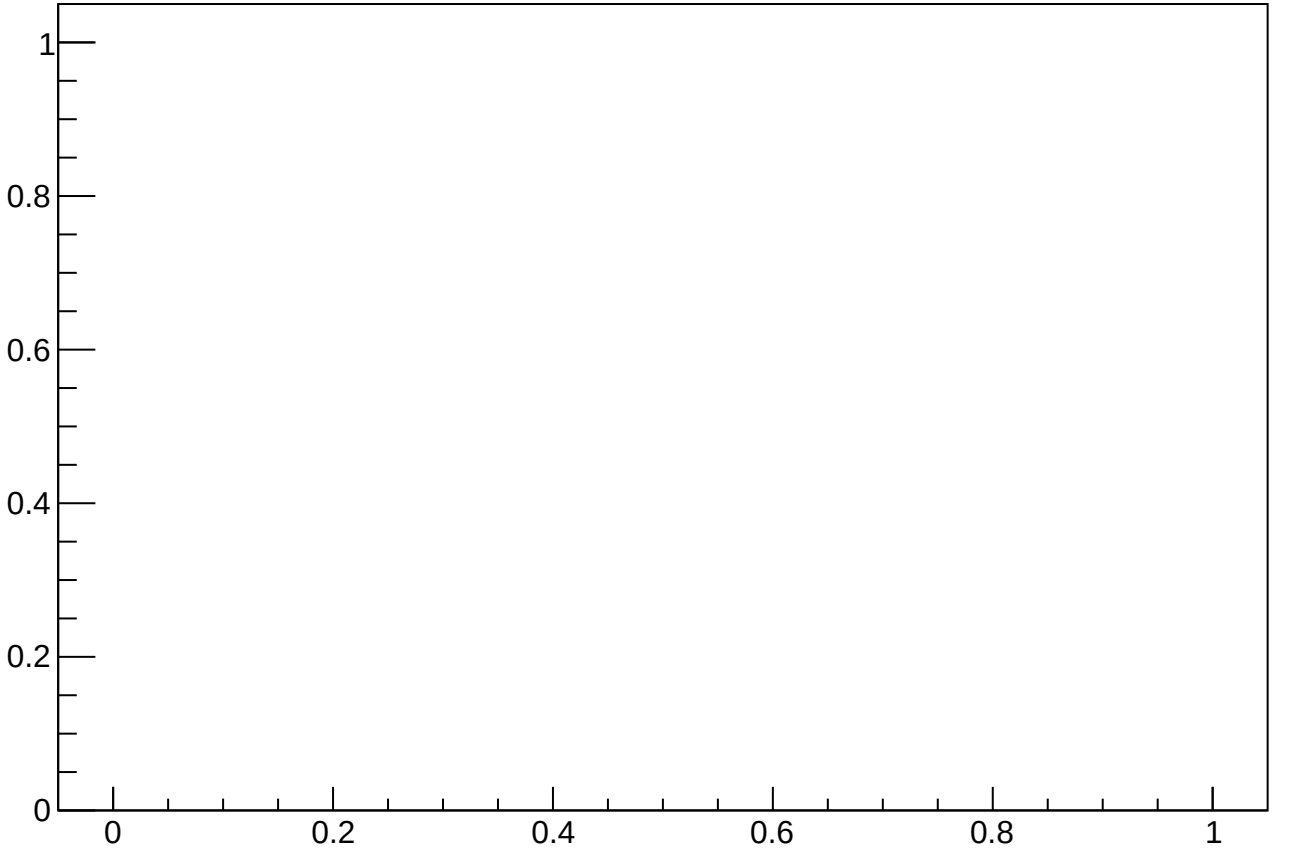

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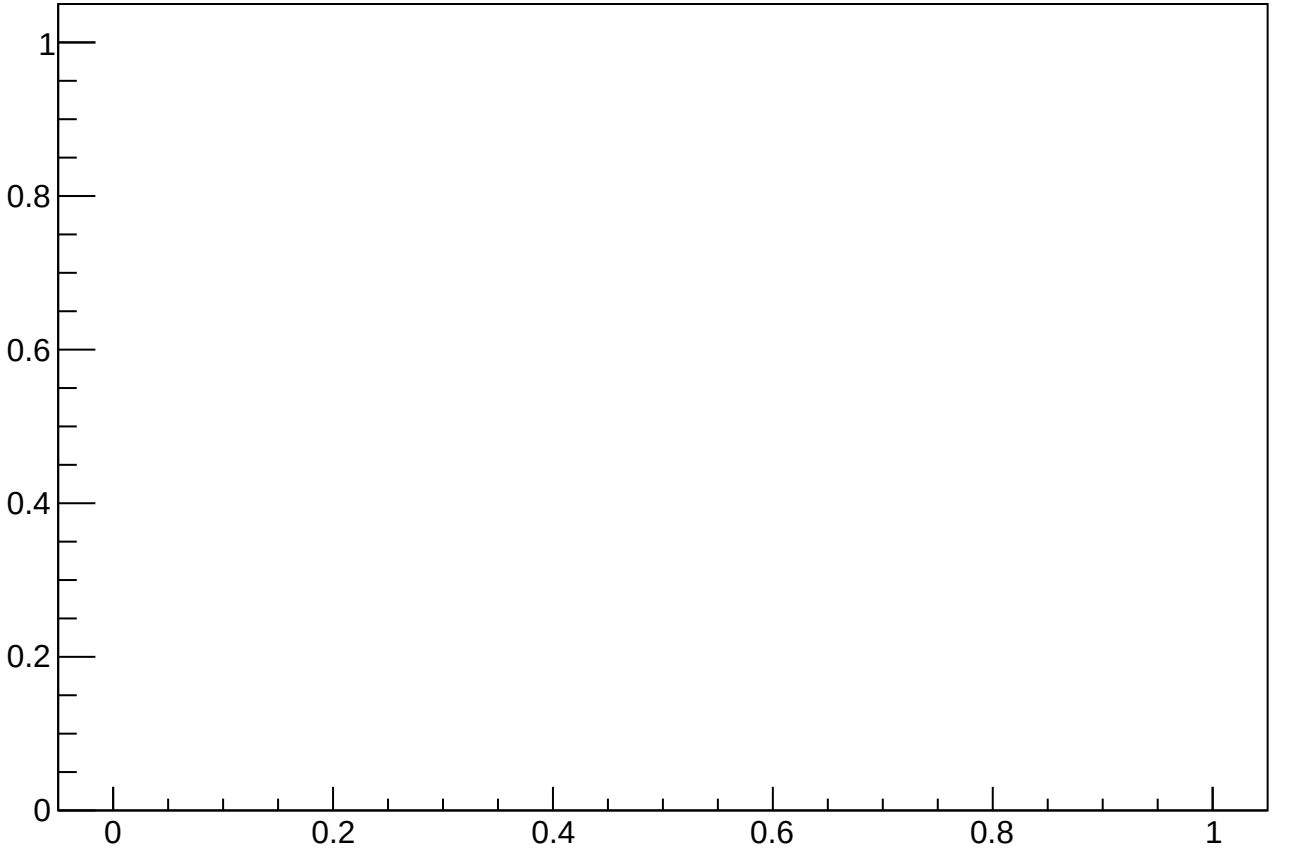

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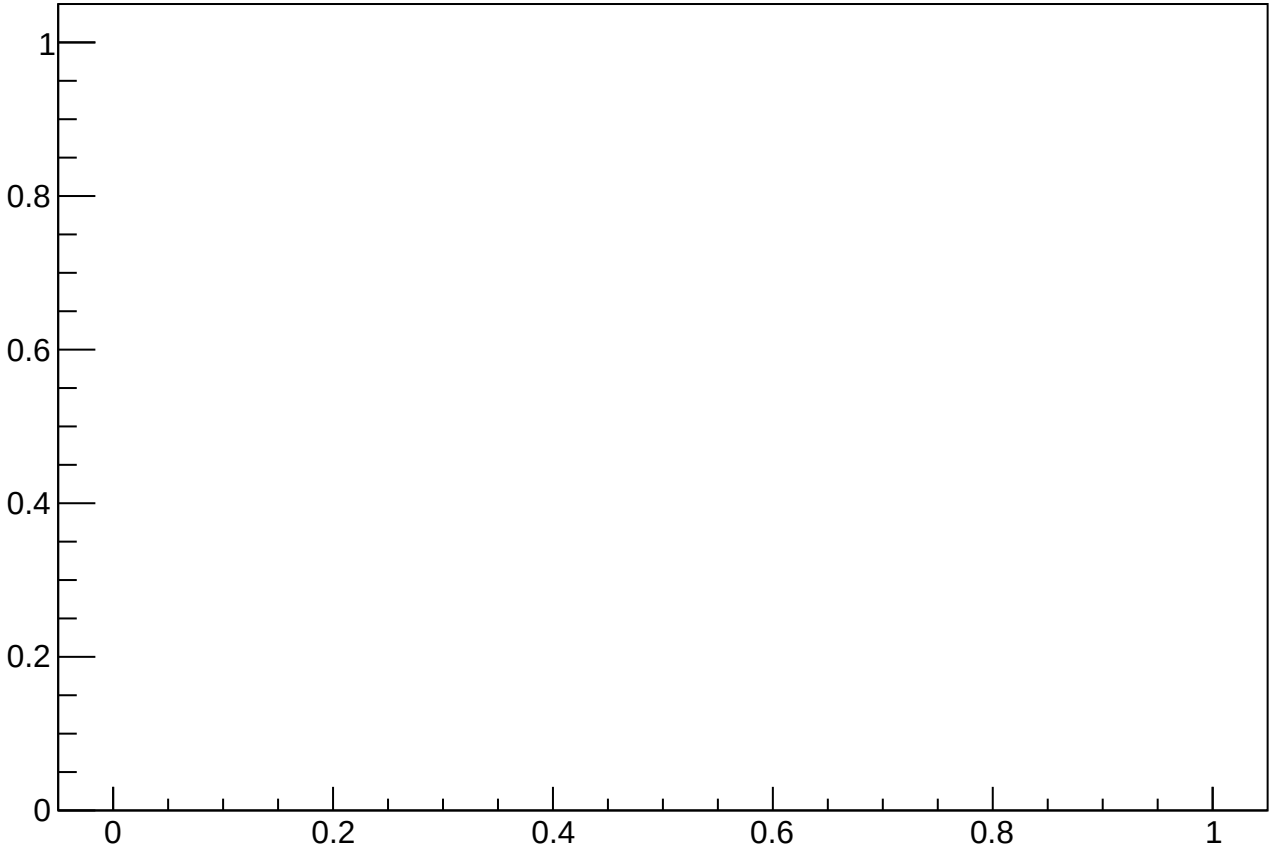

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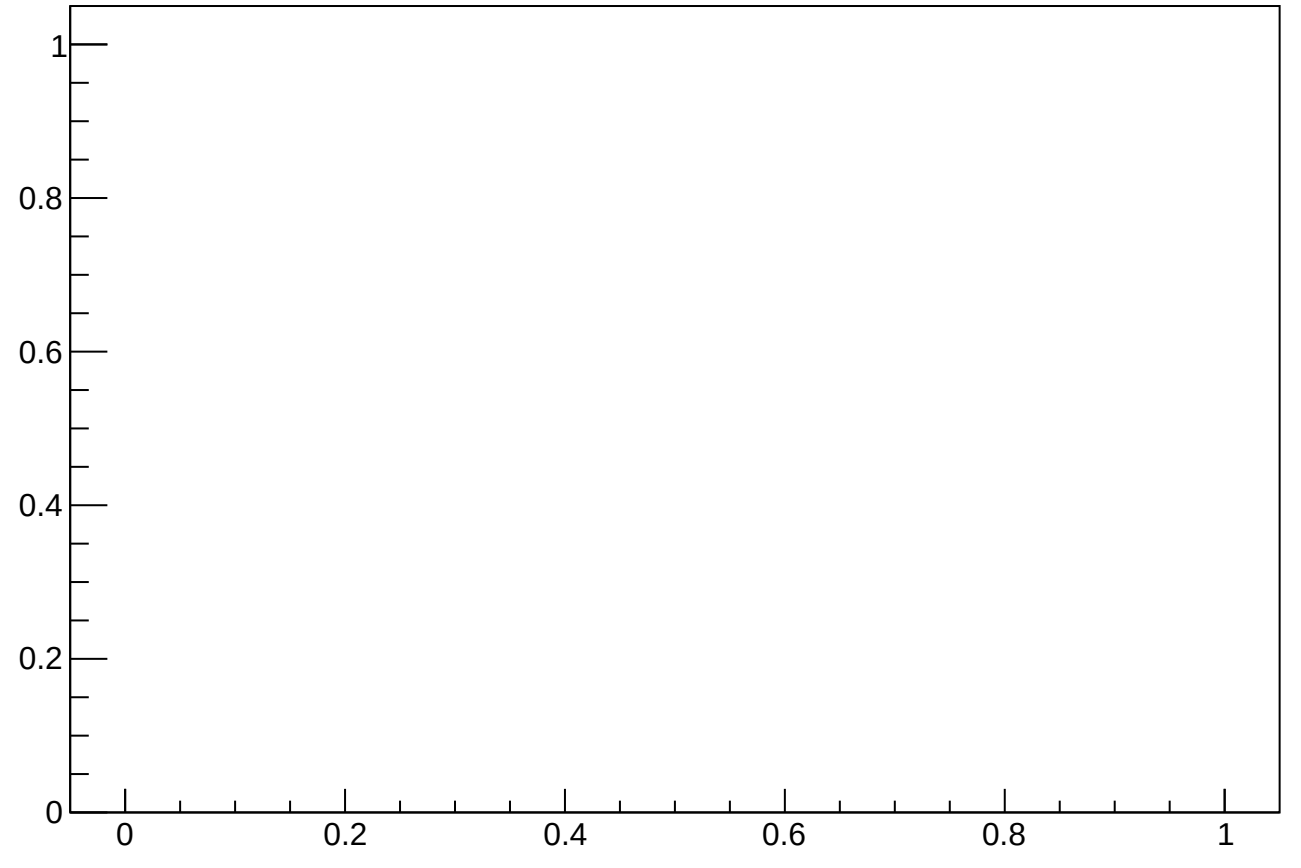

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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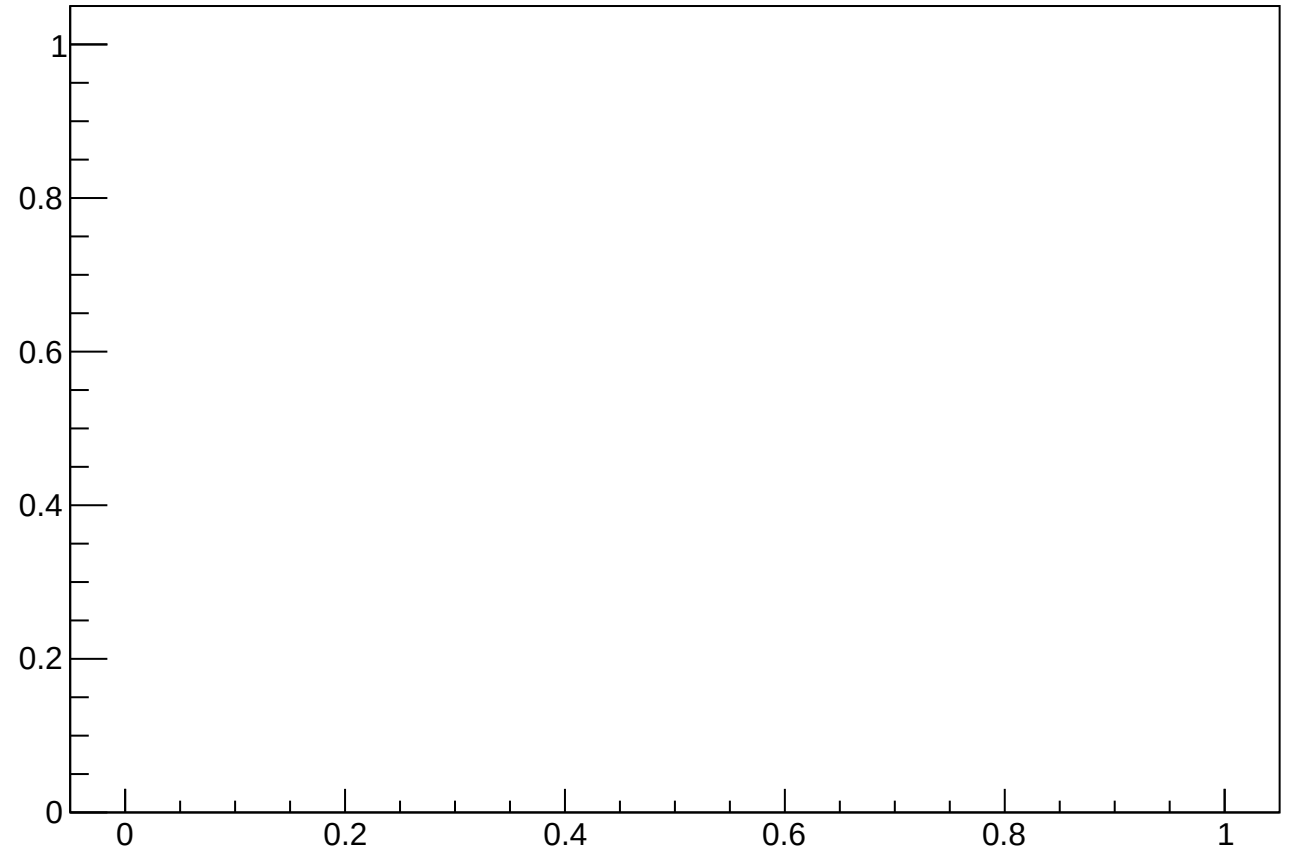

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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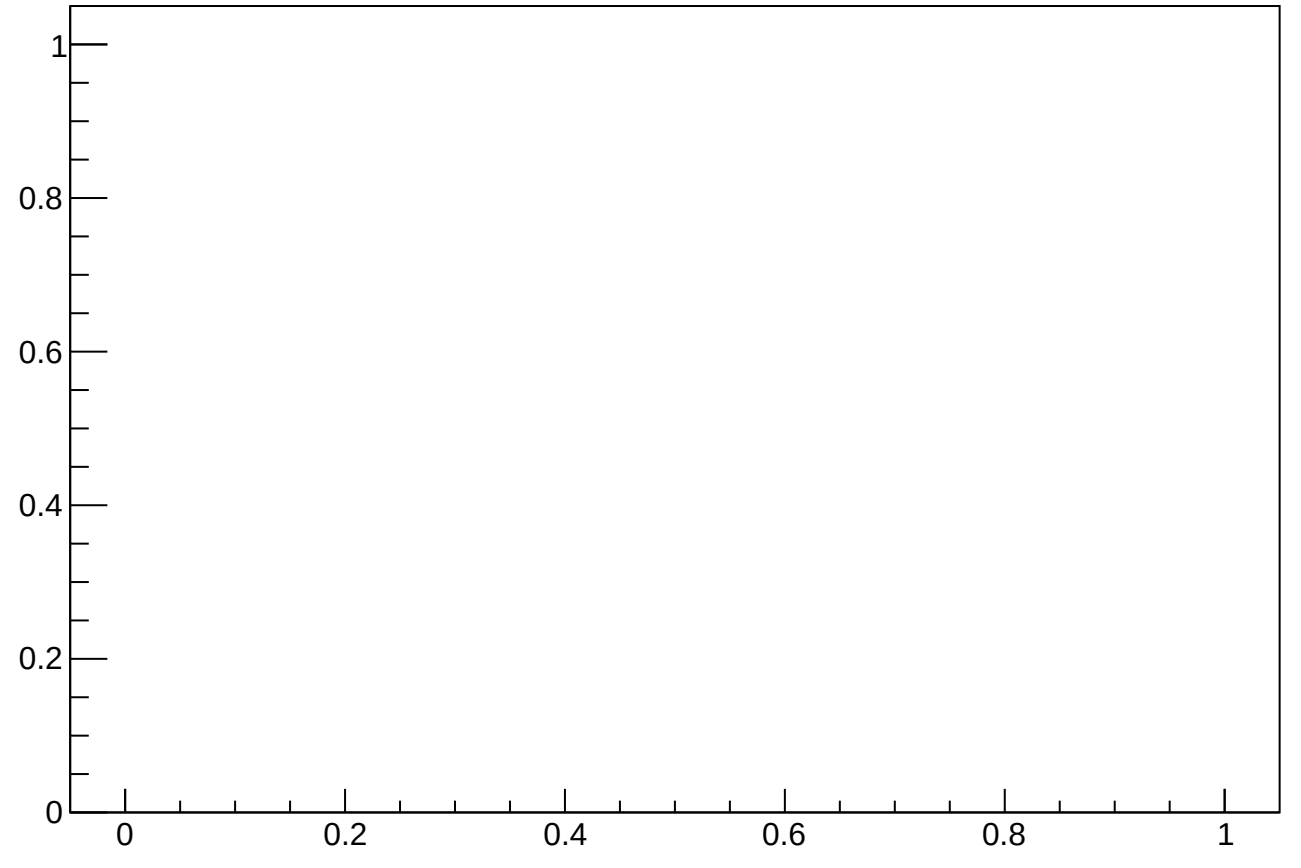

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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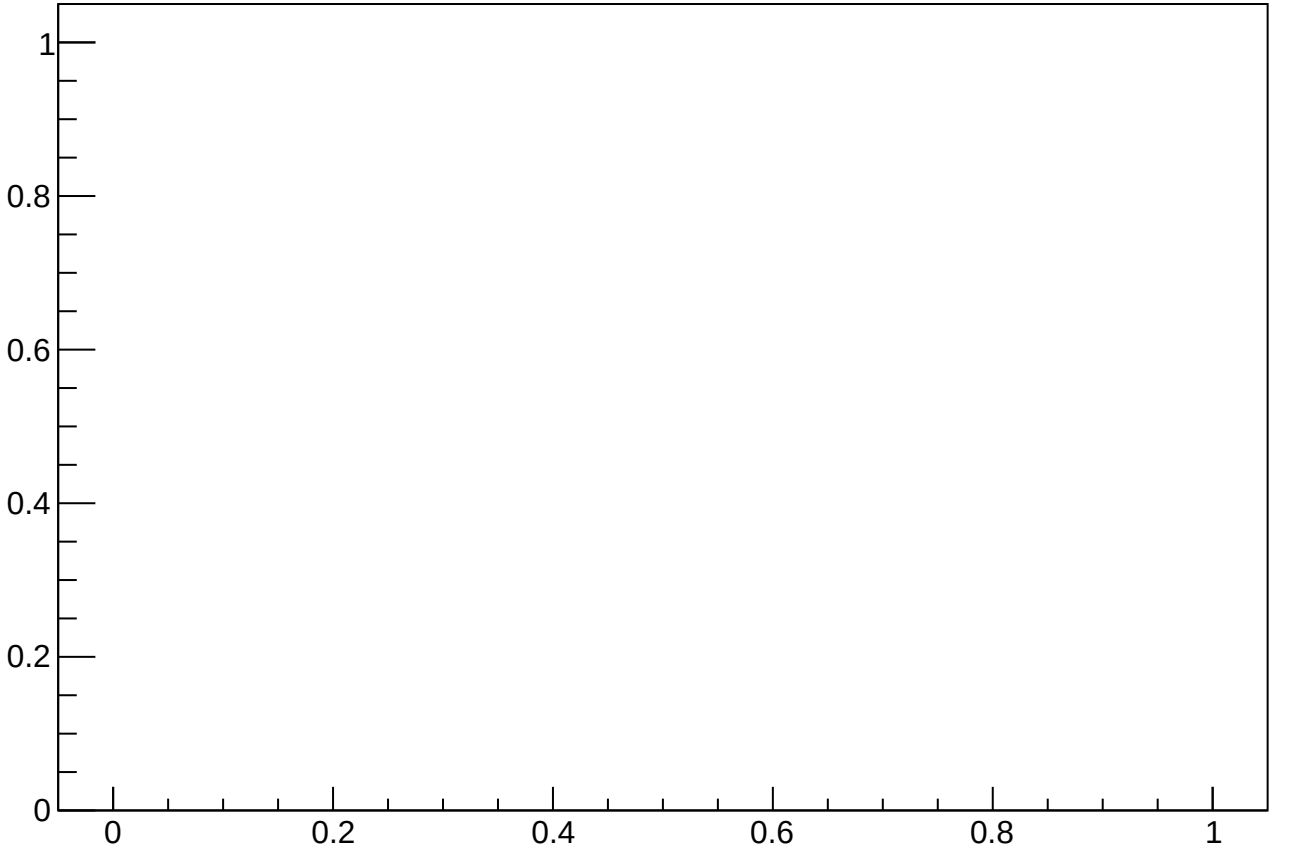
dit_sam2_coil4_mean vs Slug, Sign Corrected



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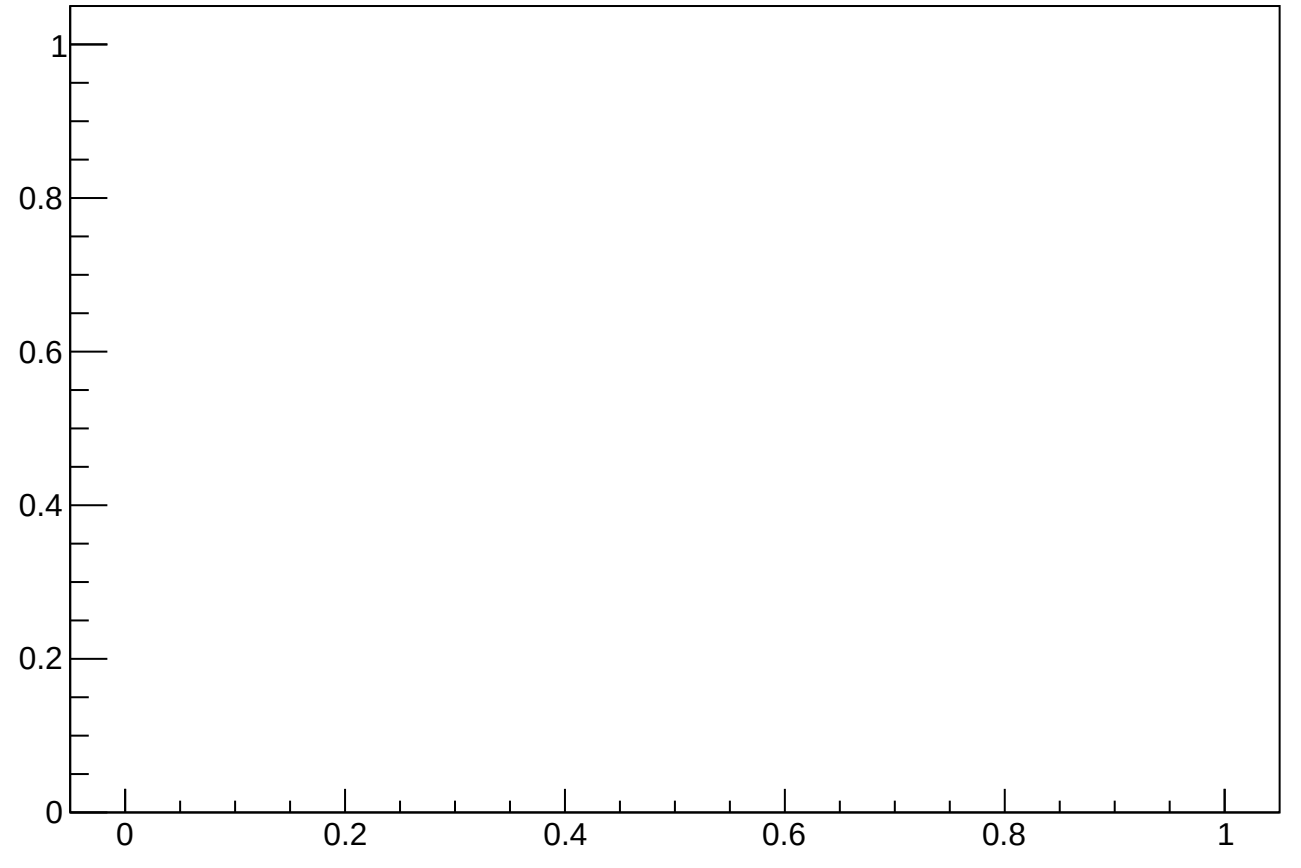
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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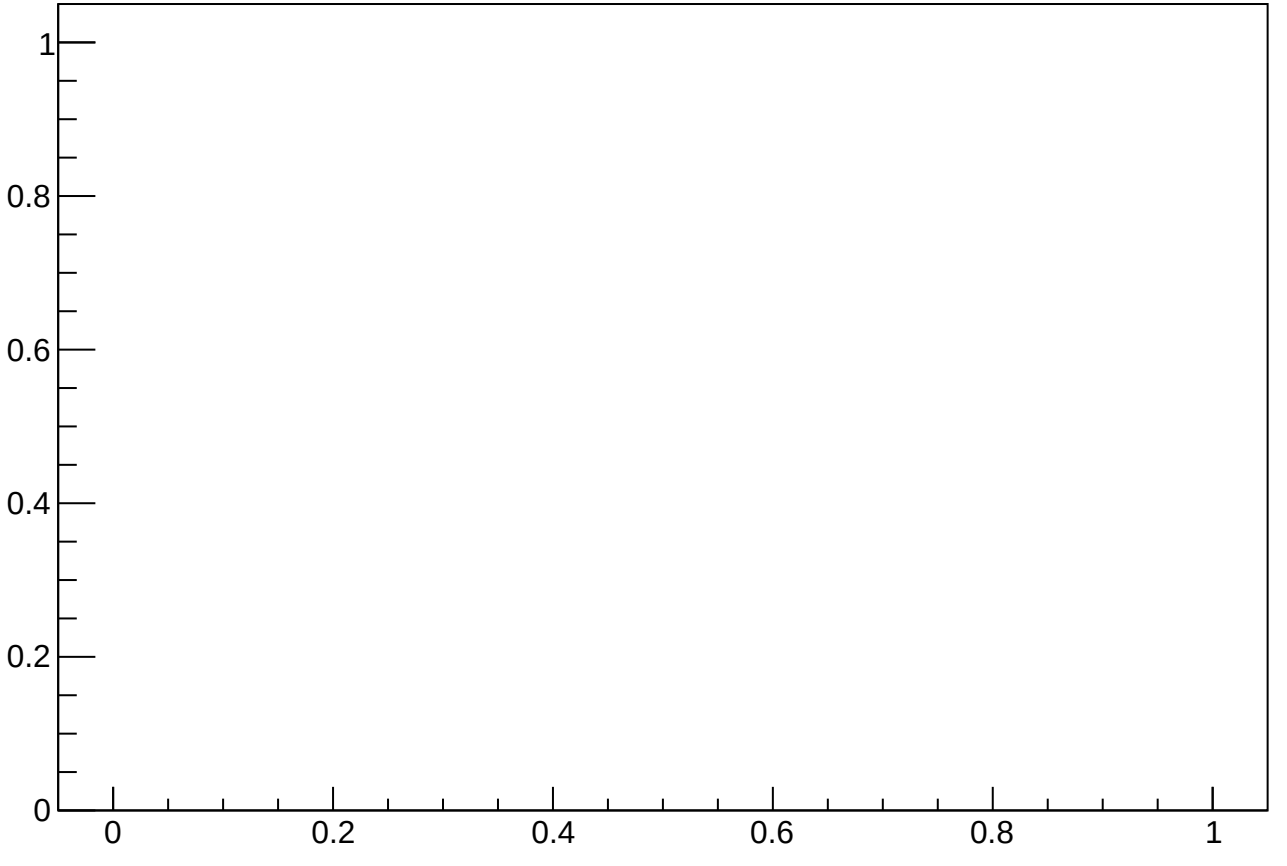
dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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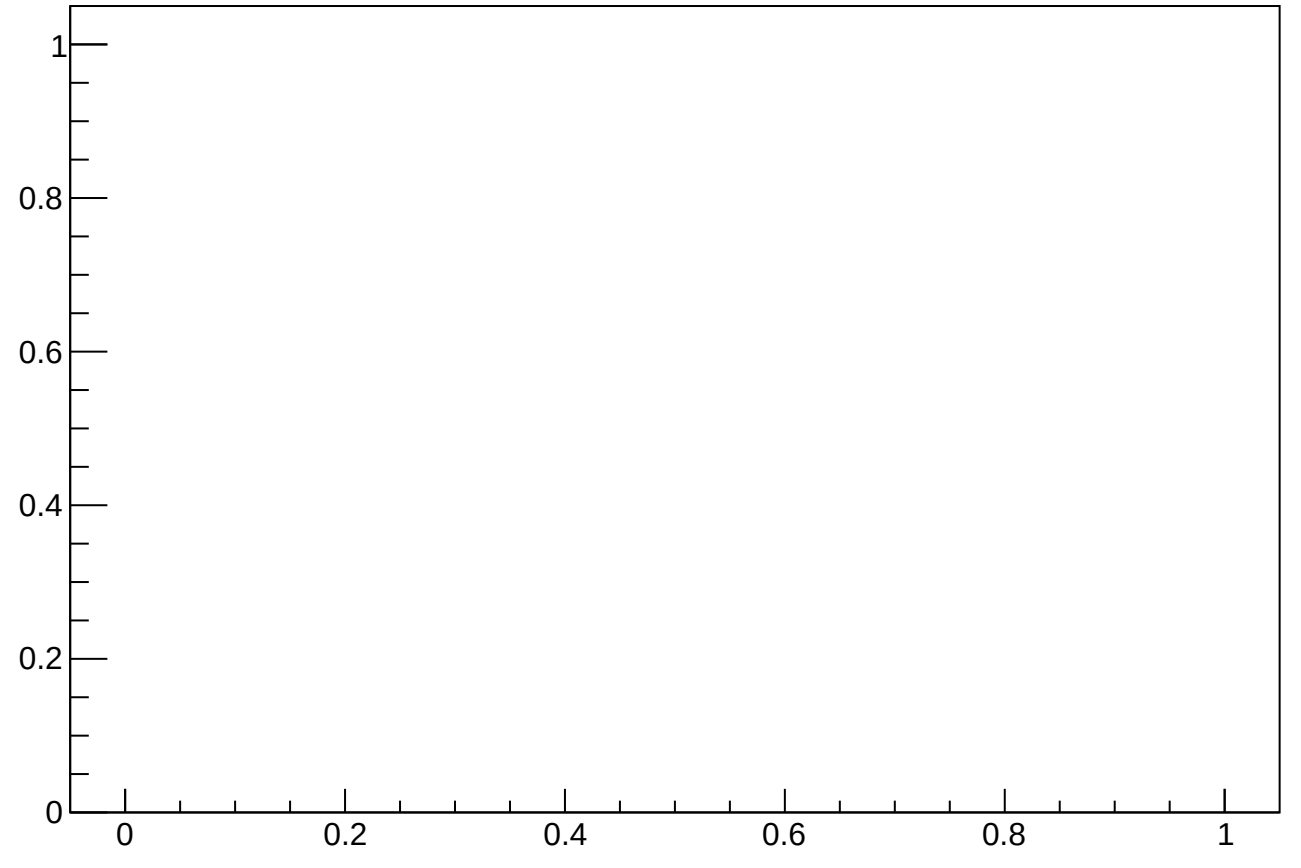

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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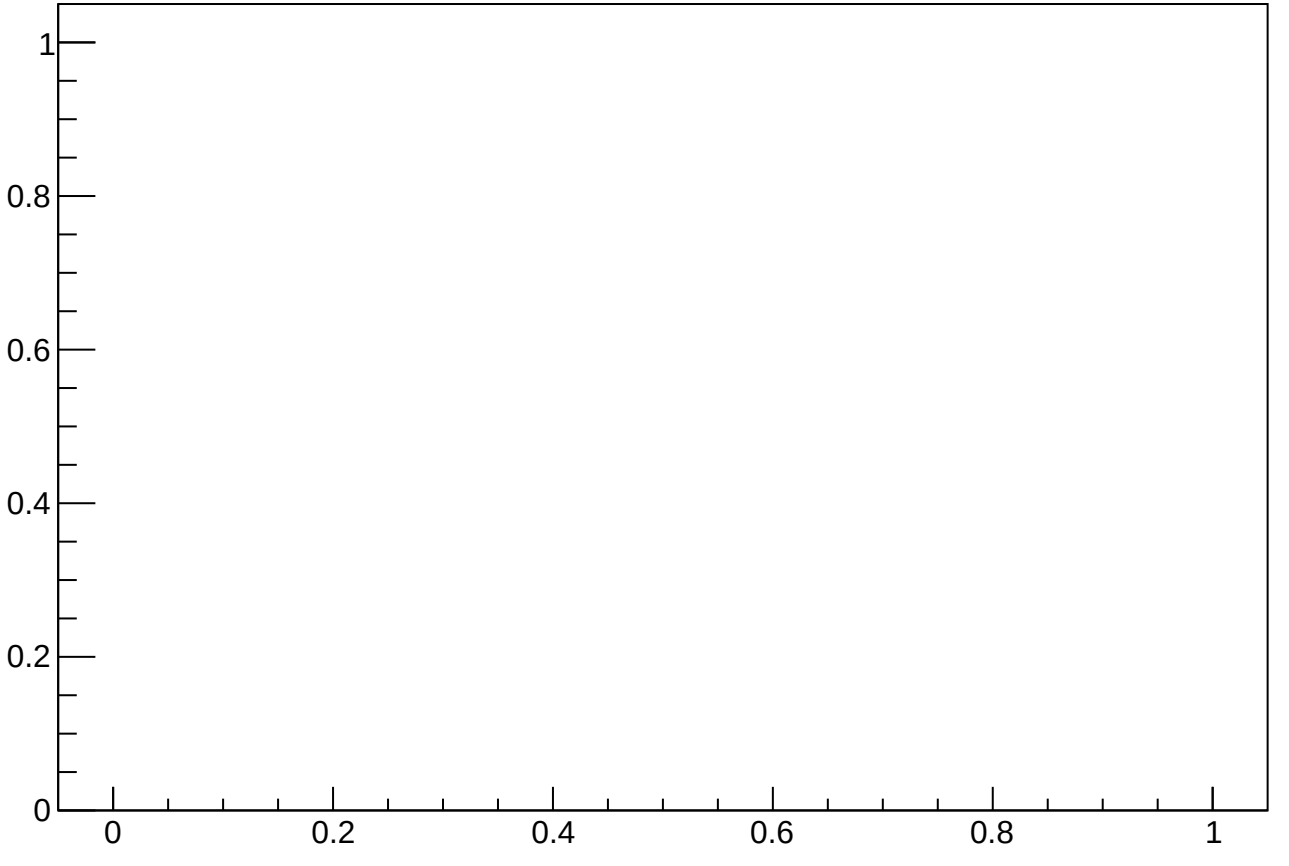
dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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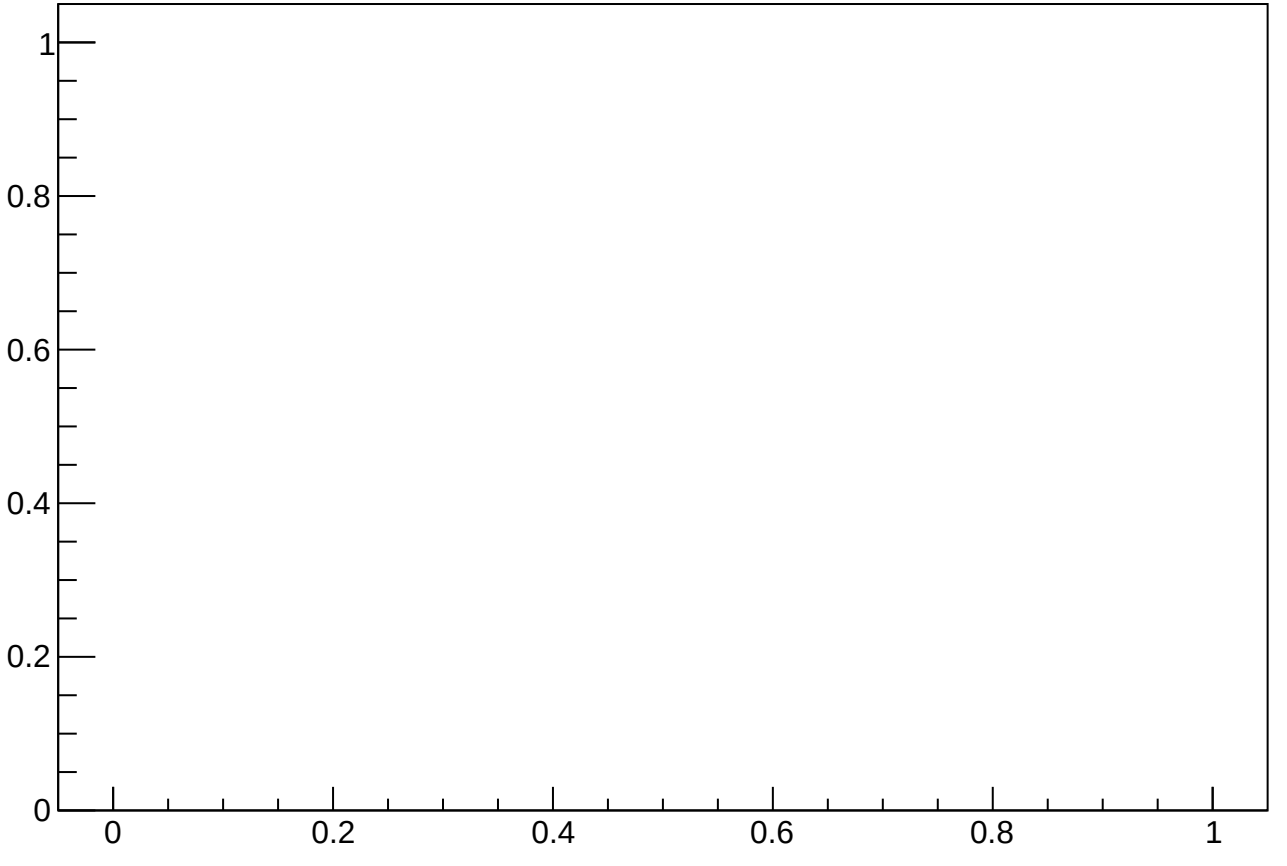
dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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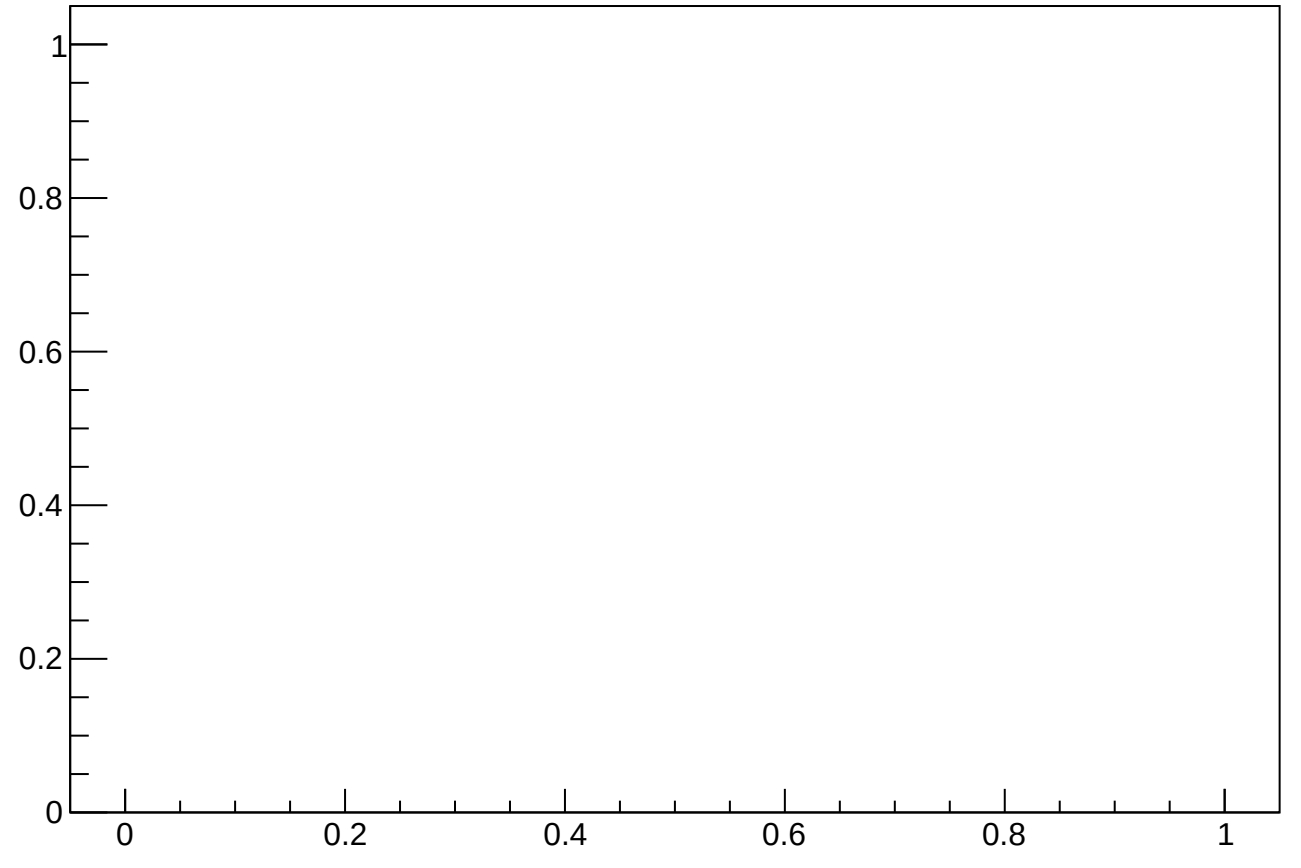

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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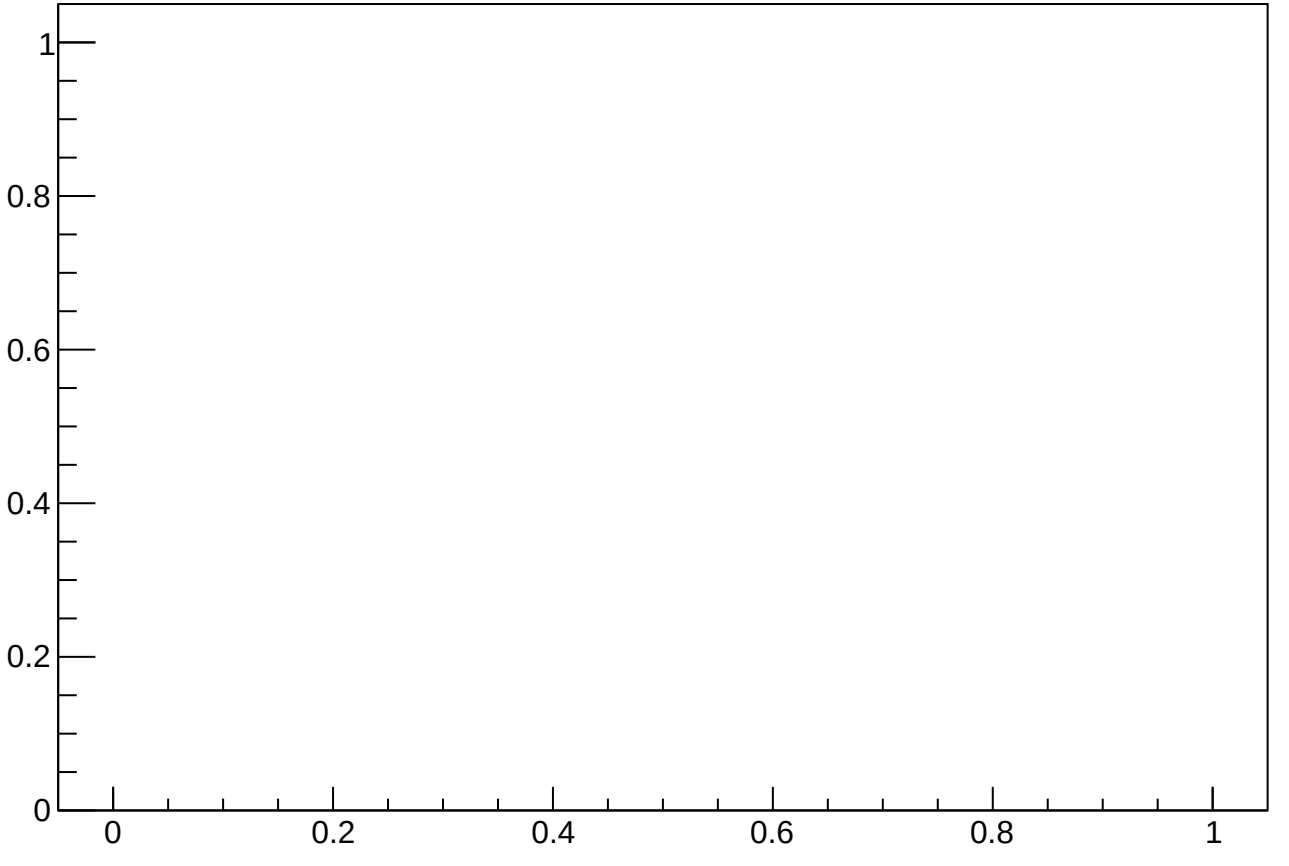
dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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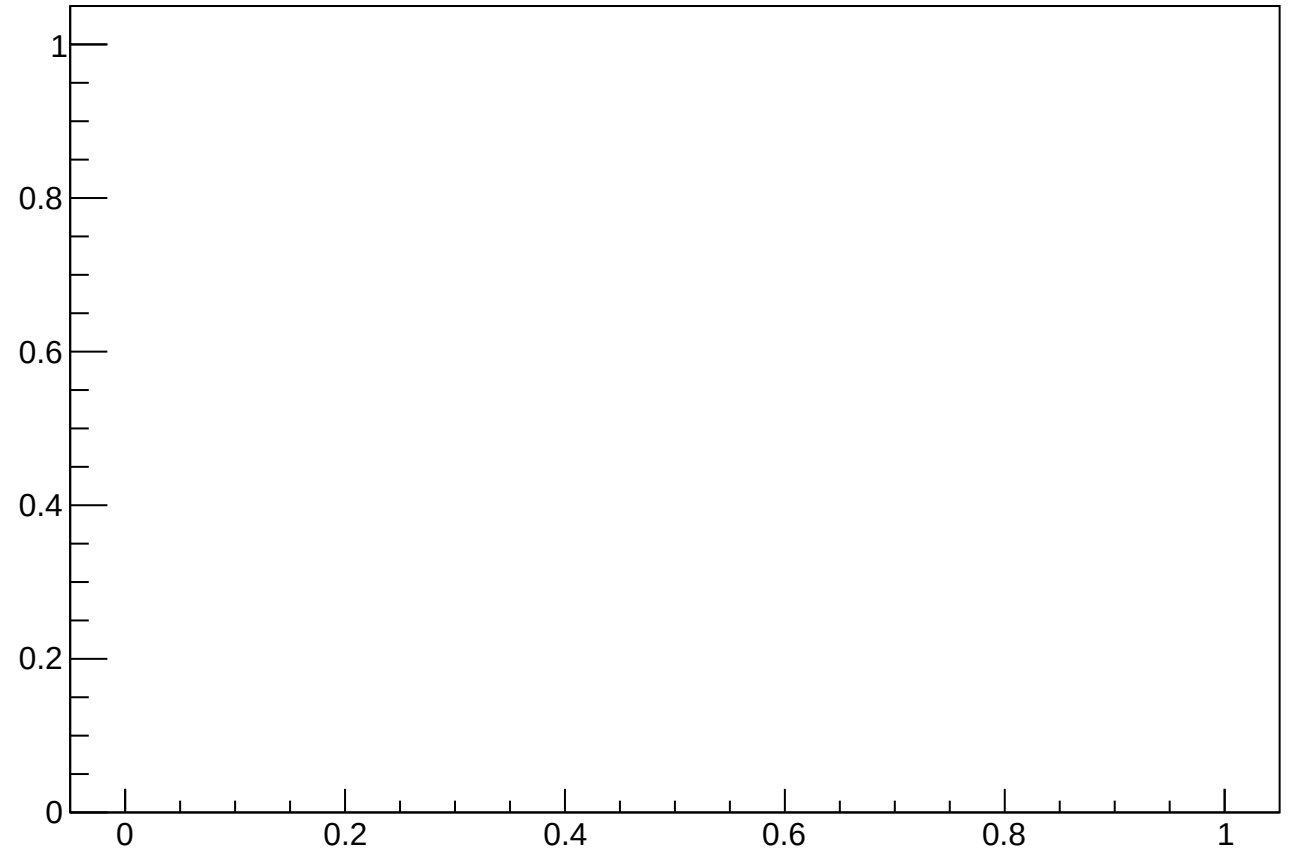

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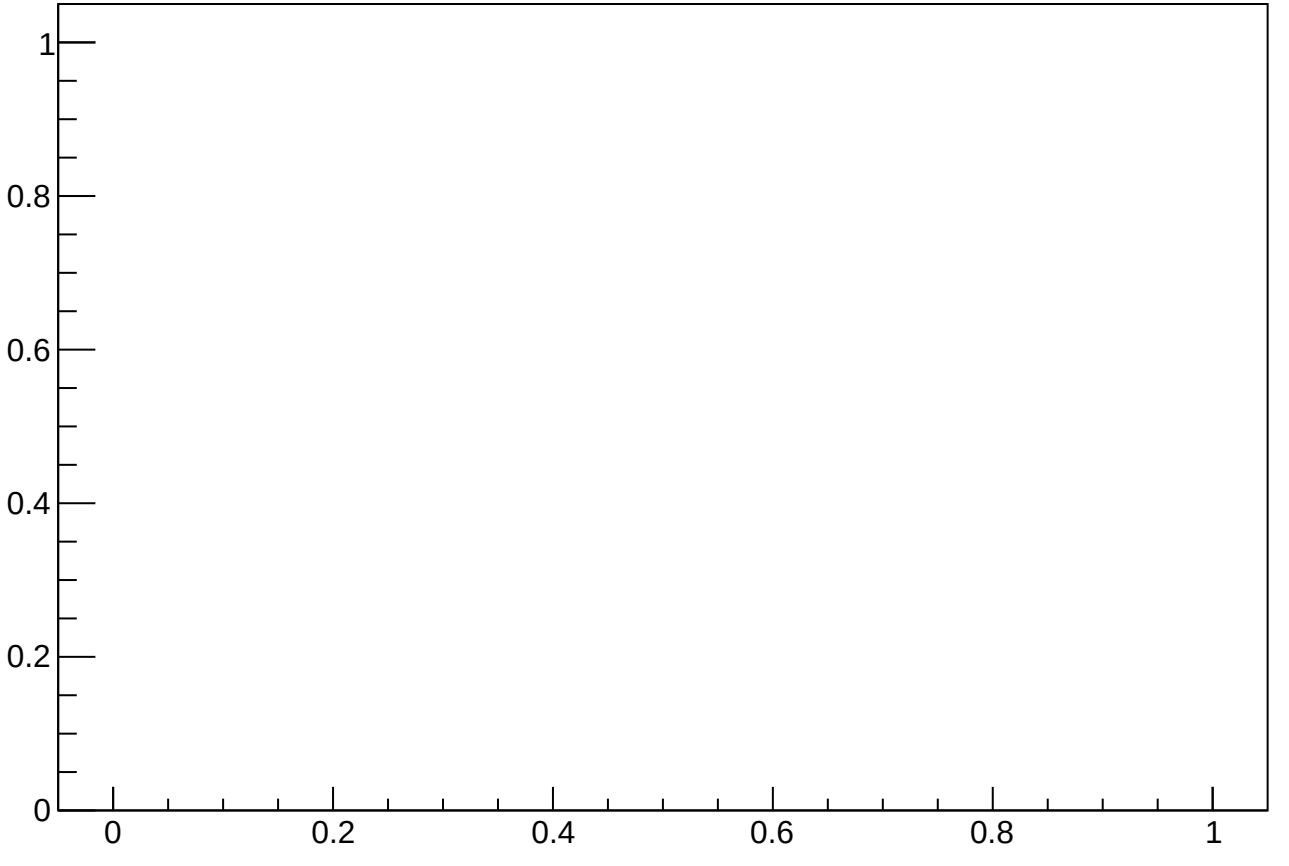
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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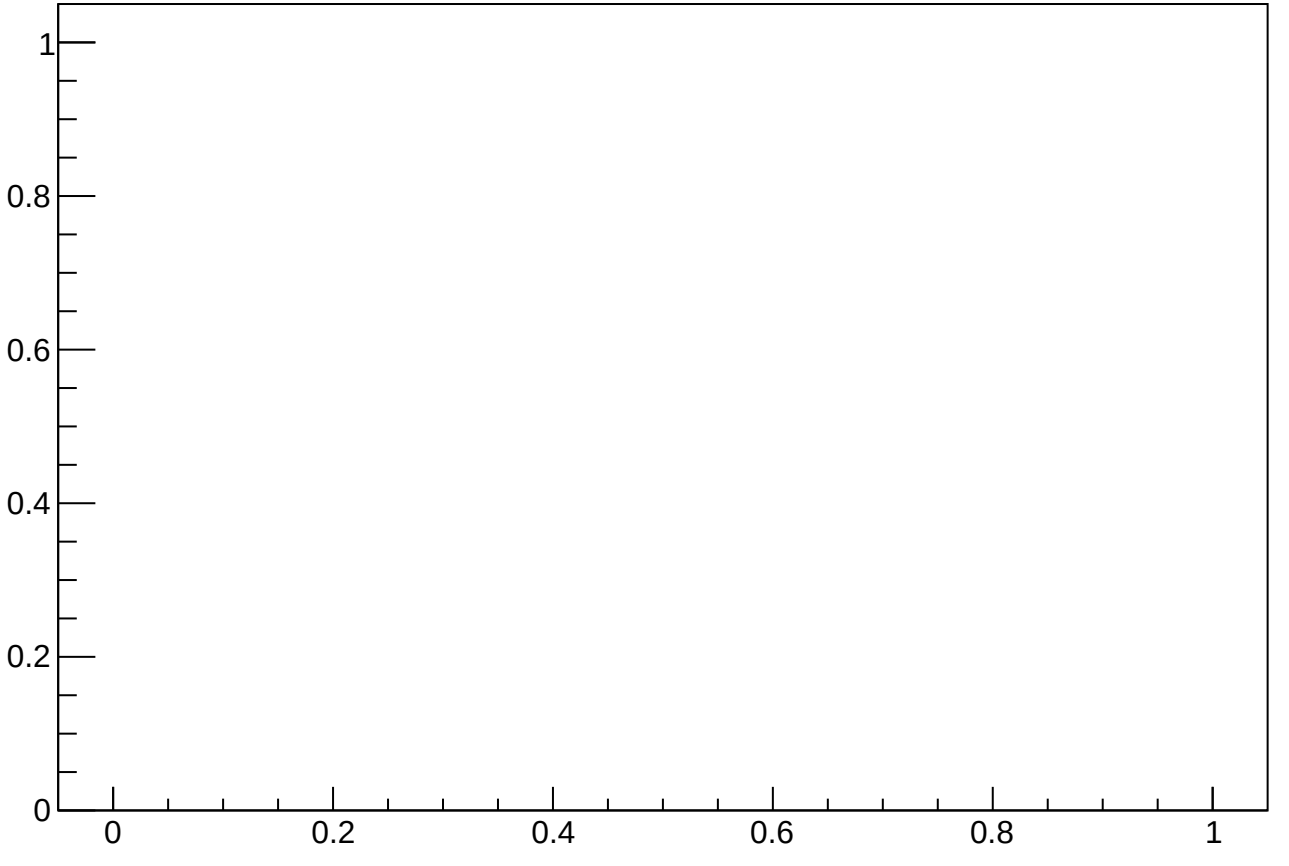
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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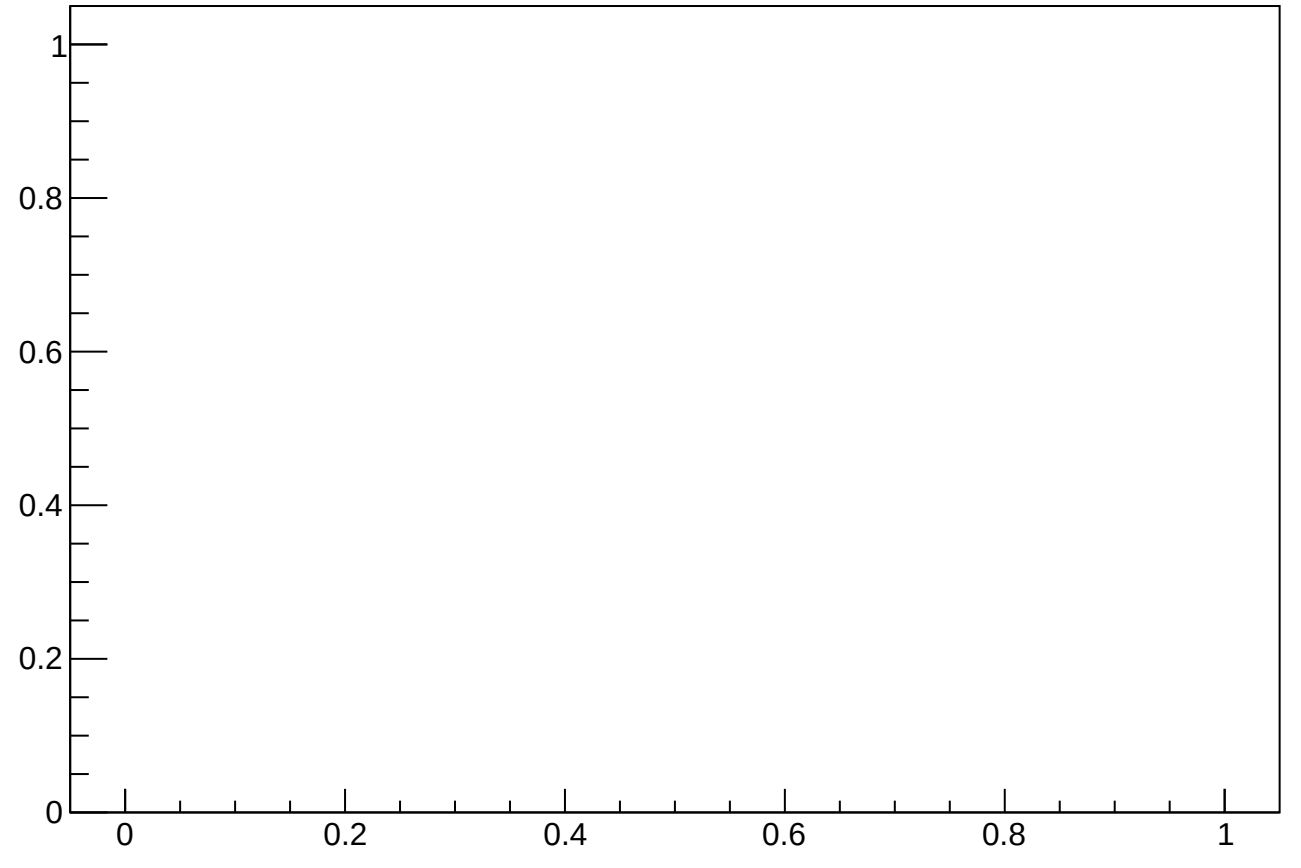

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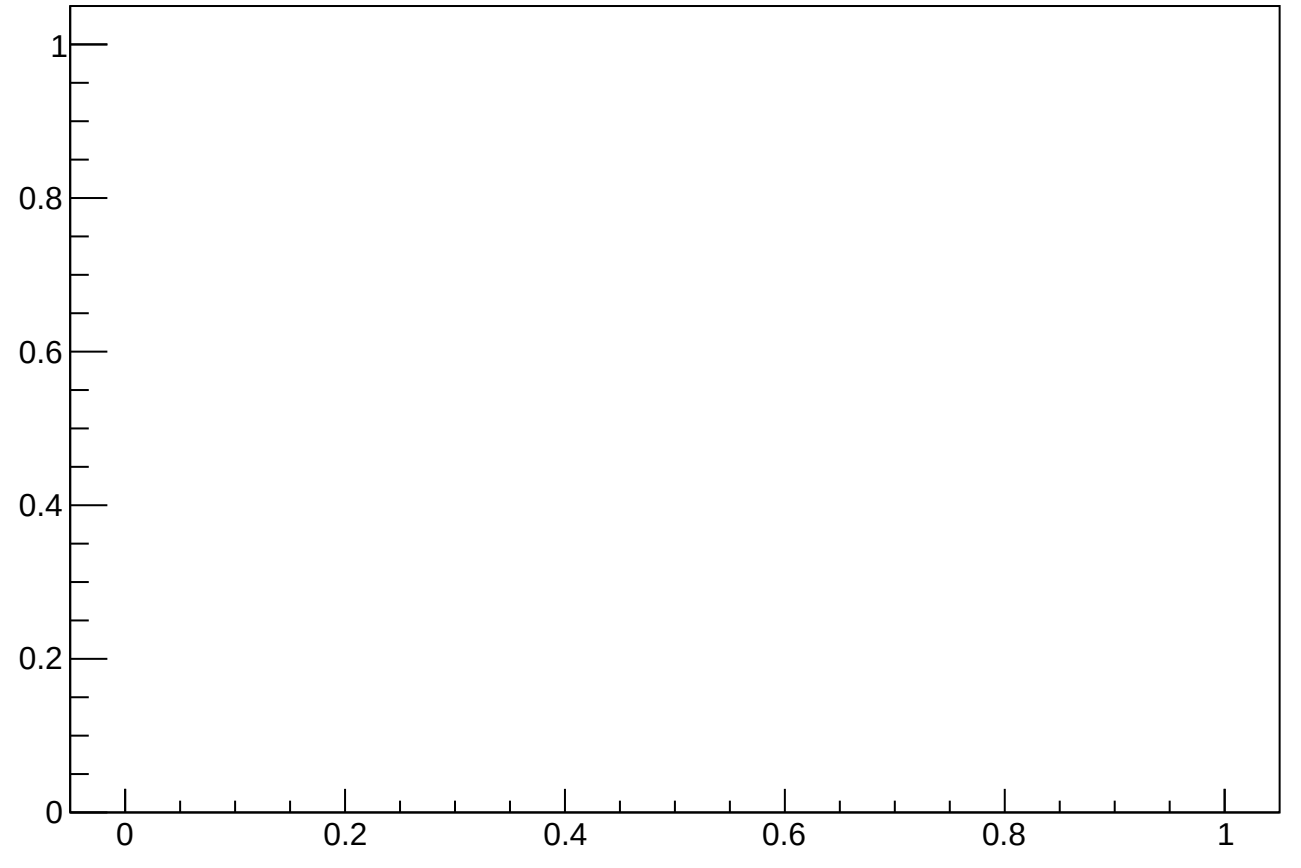

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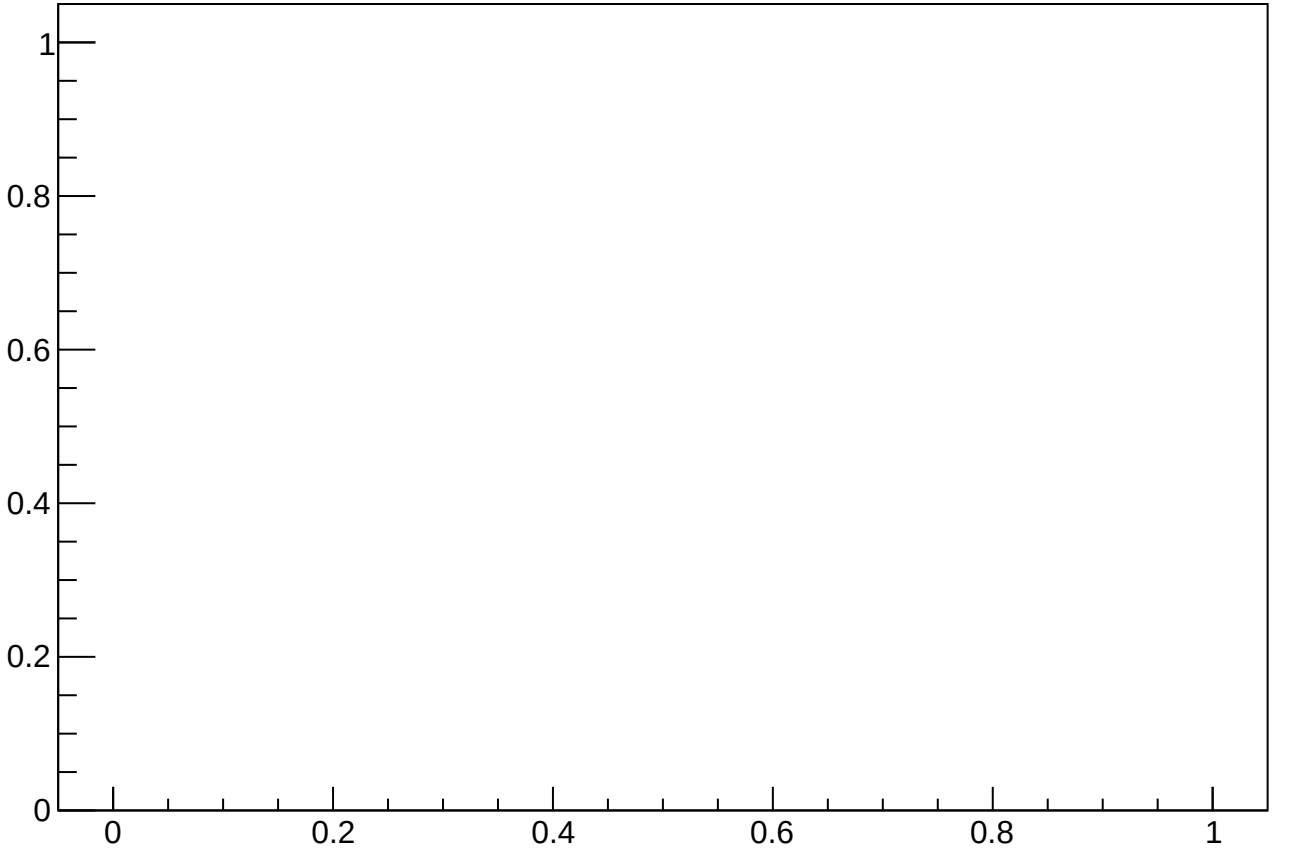
dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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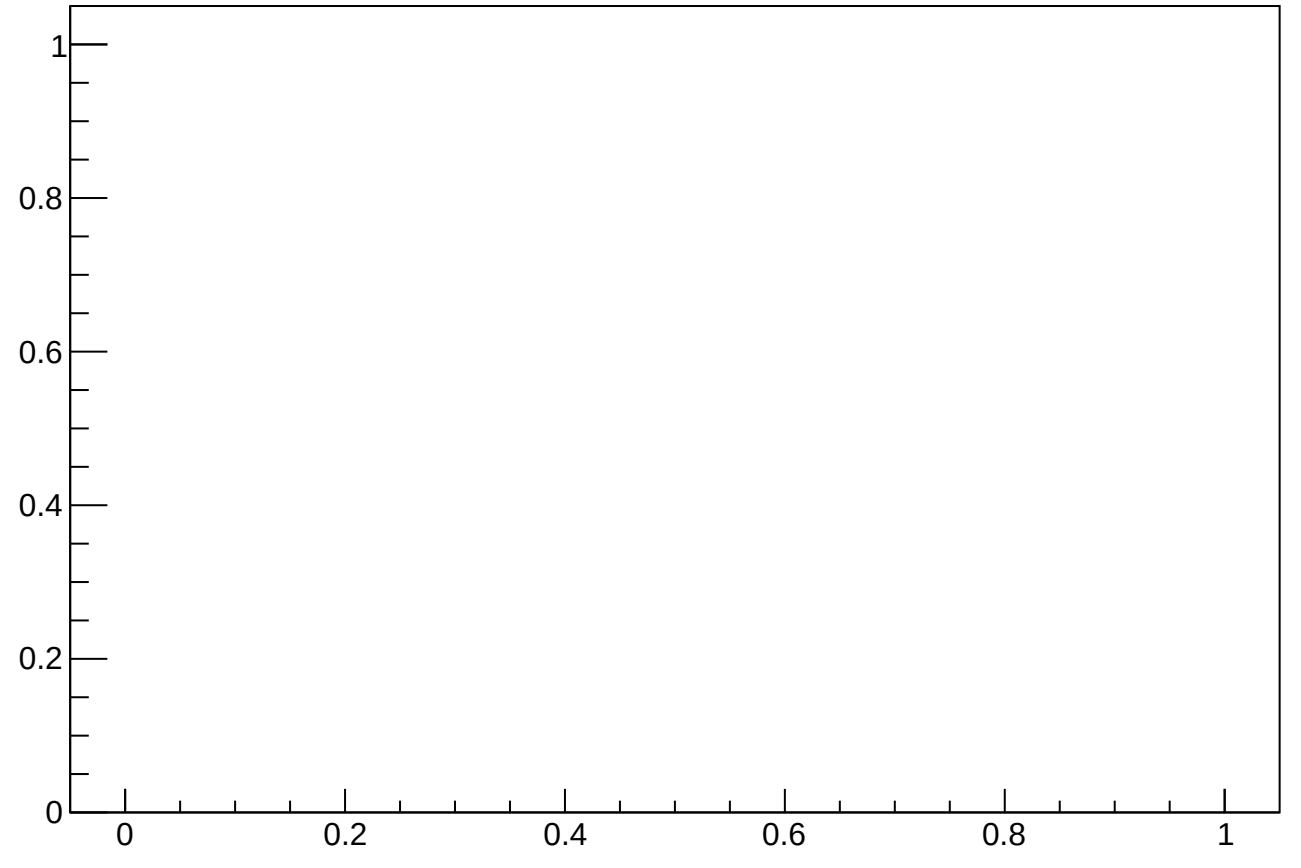

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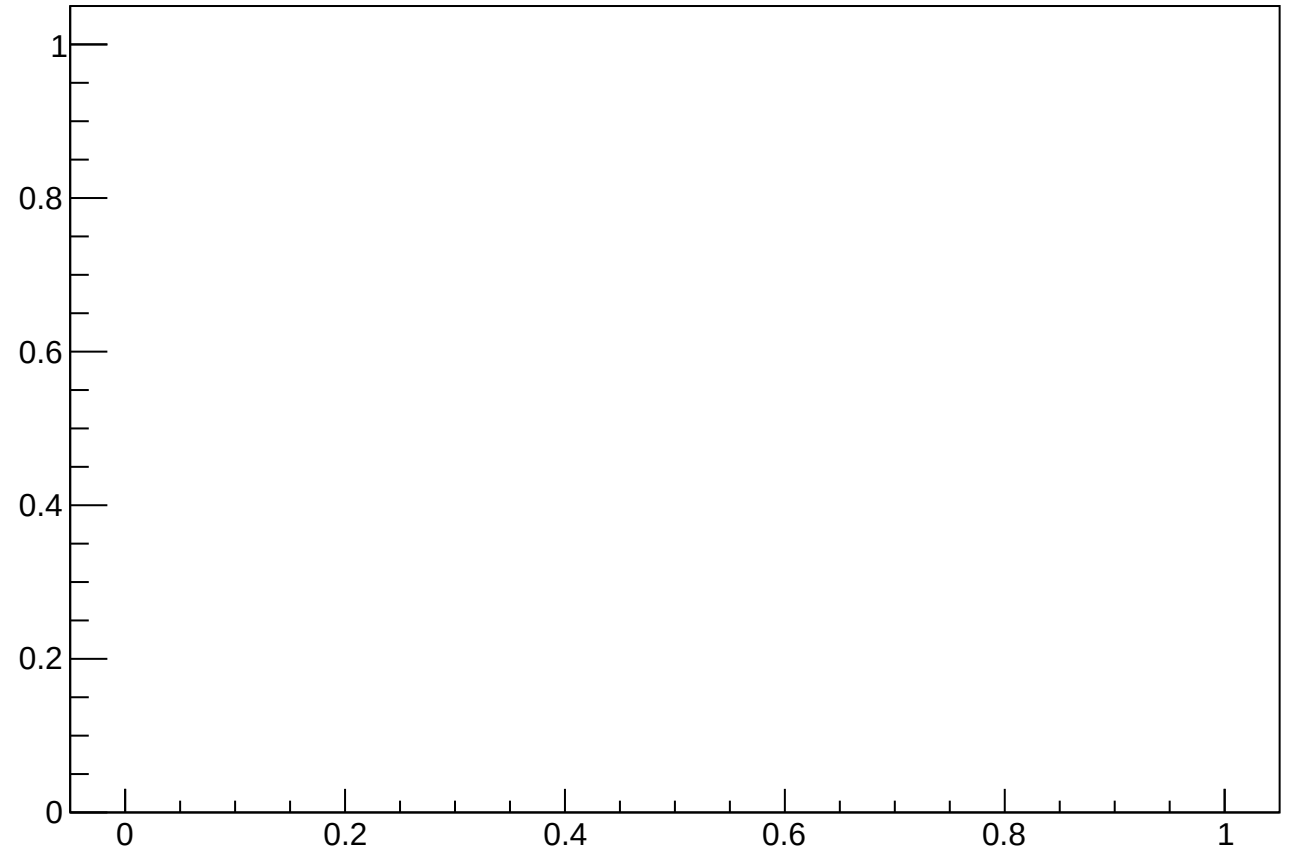

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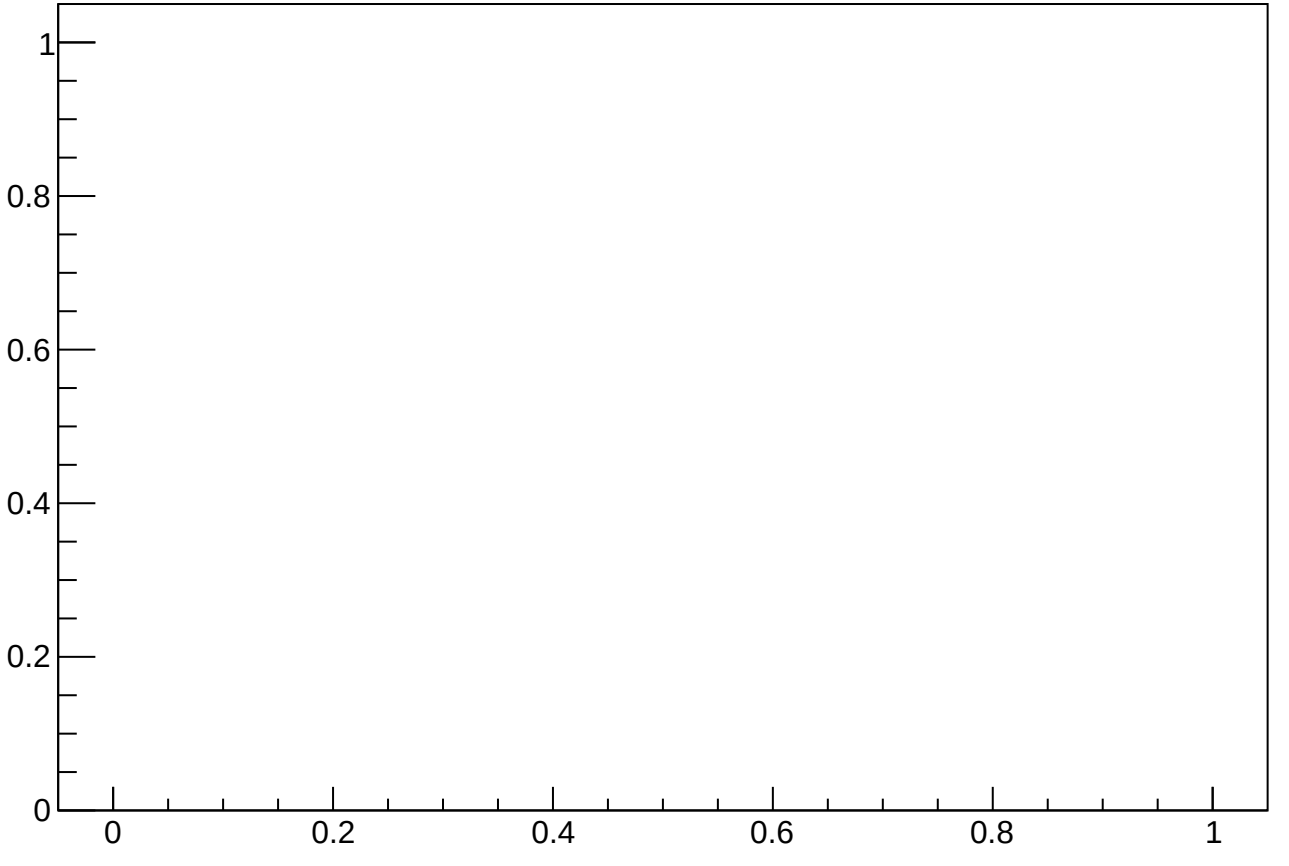
dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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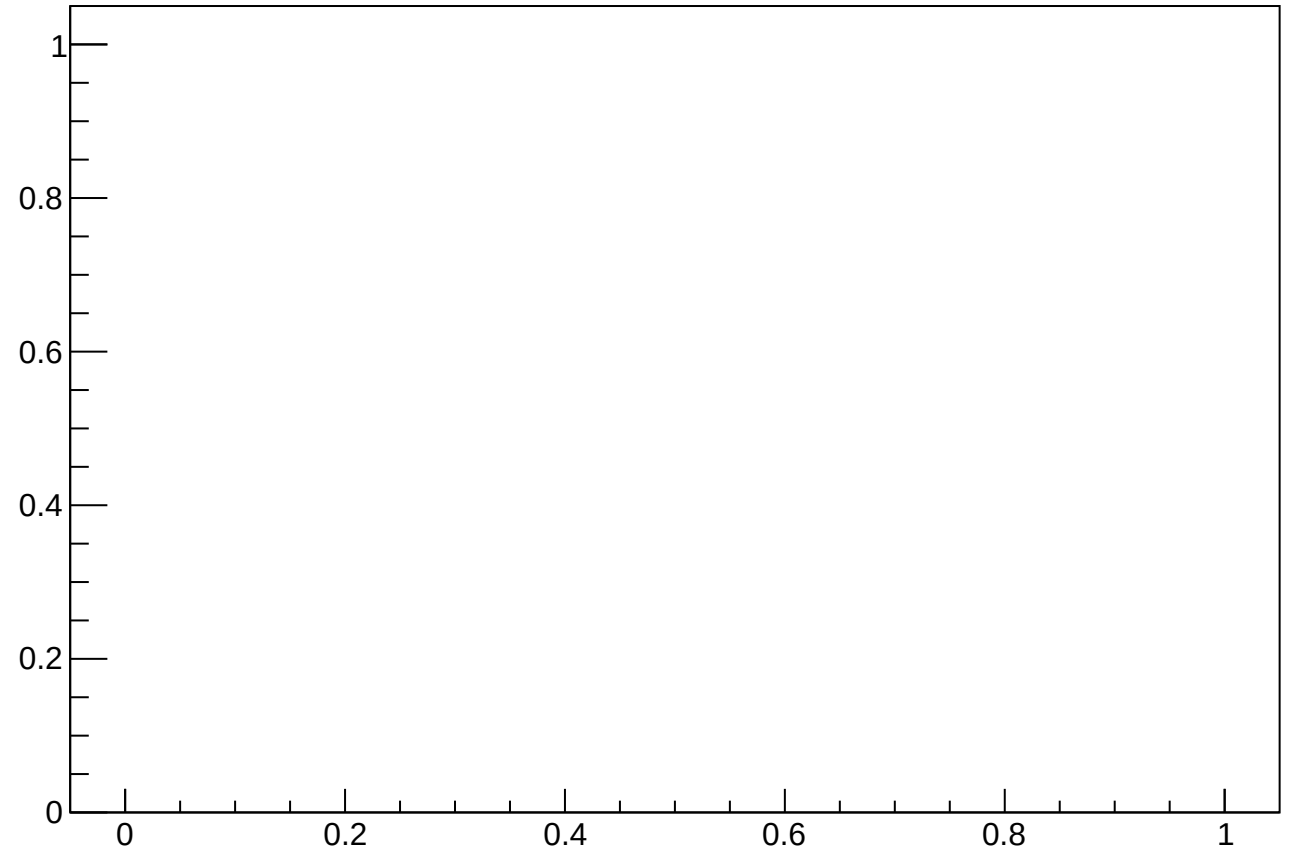

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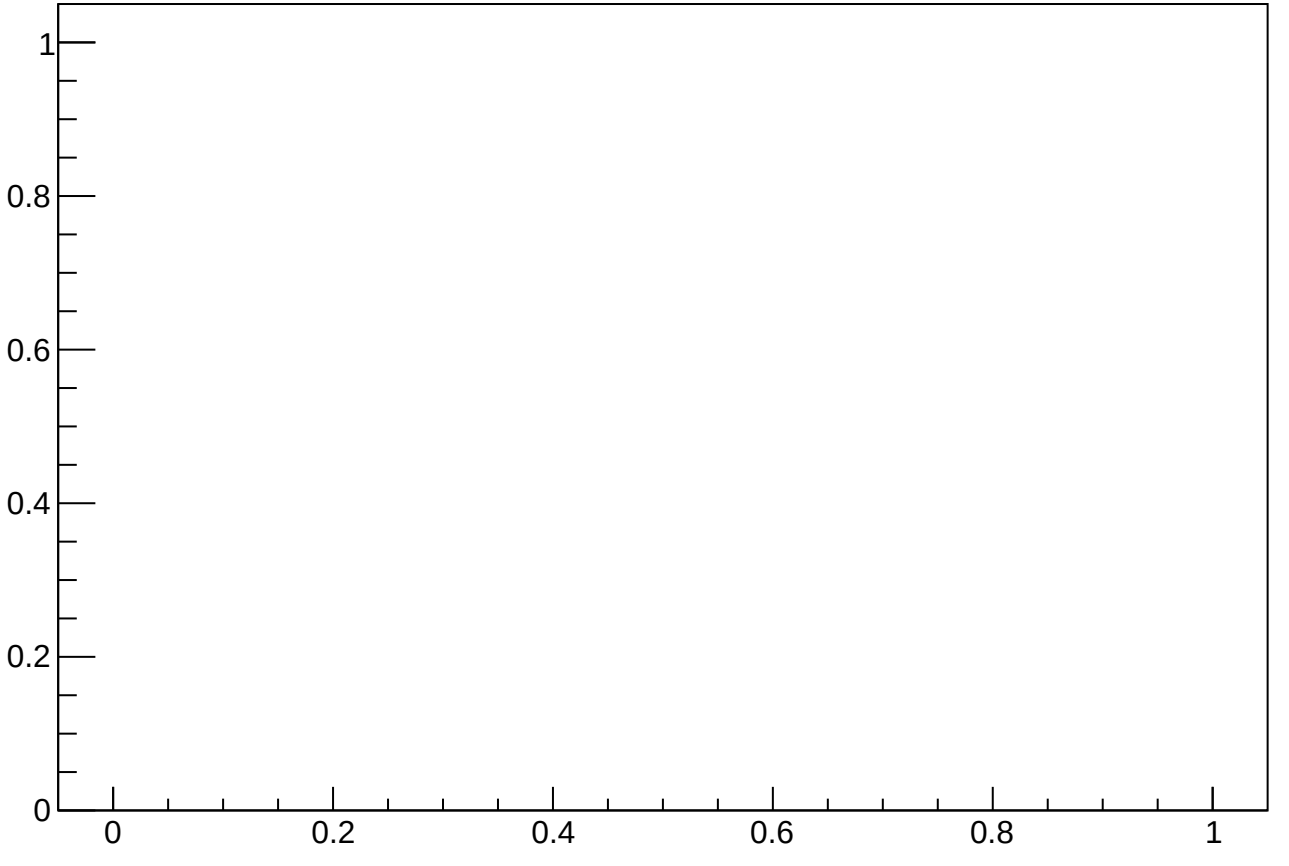
dit_sam8_coil4_mean vs Slug, Sign Corrected



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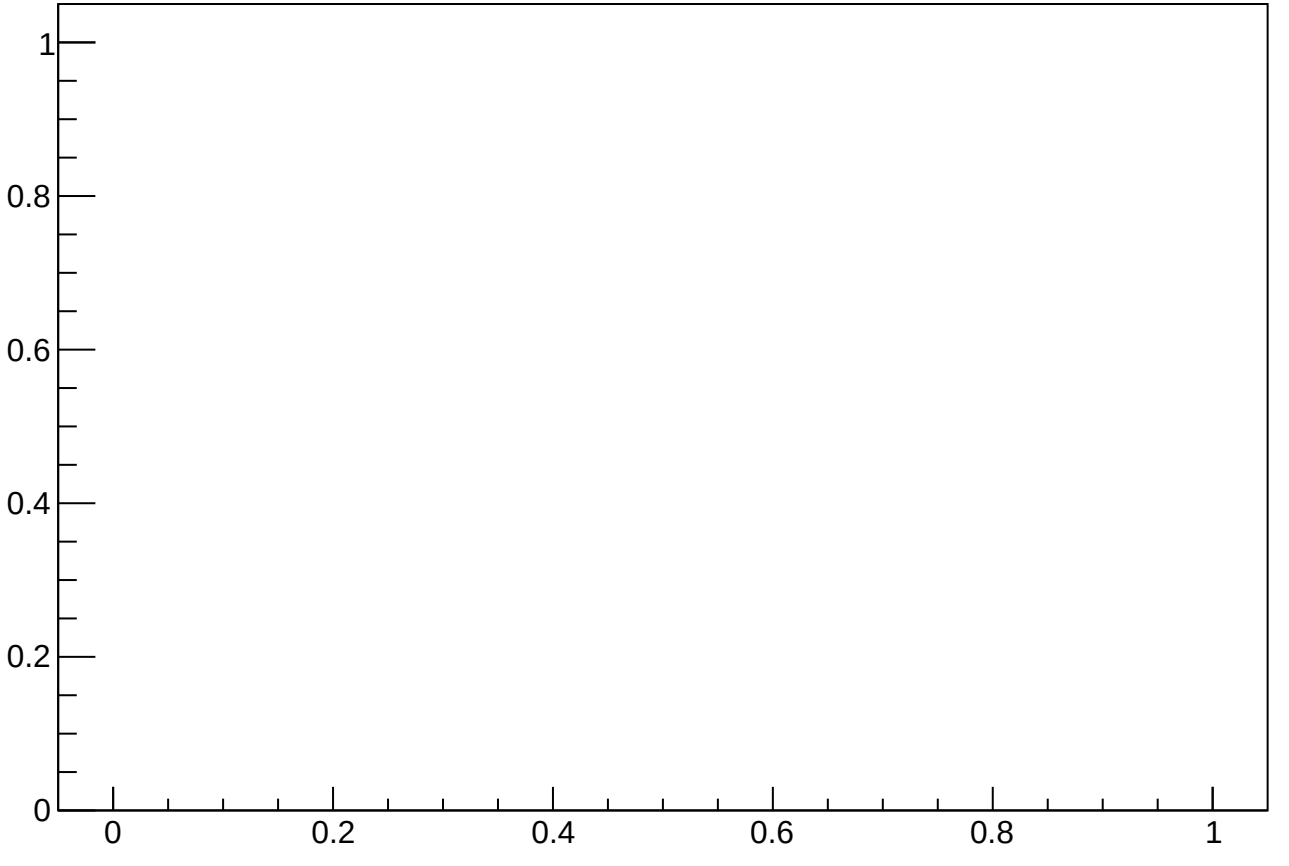
dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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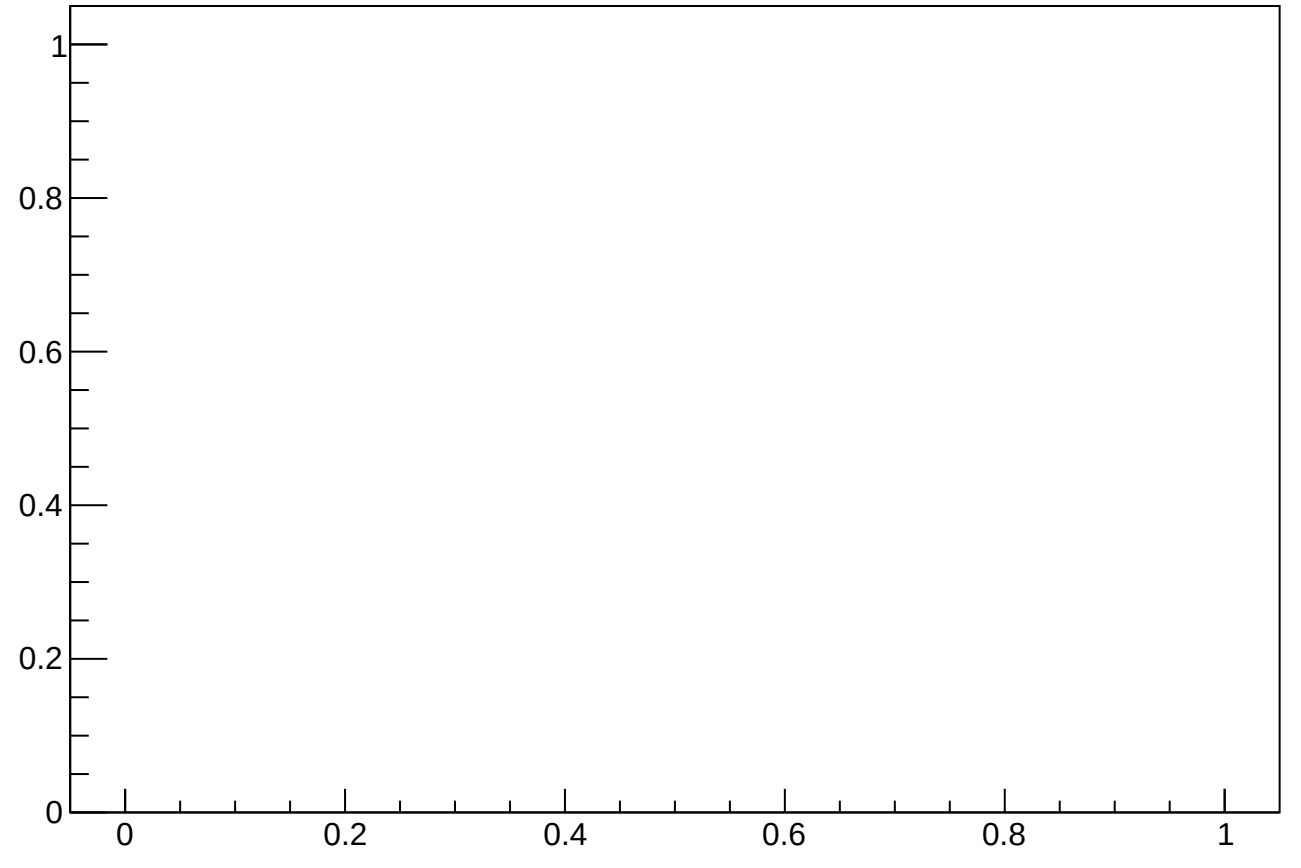

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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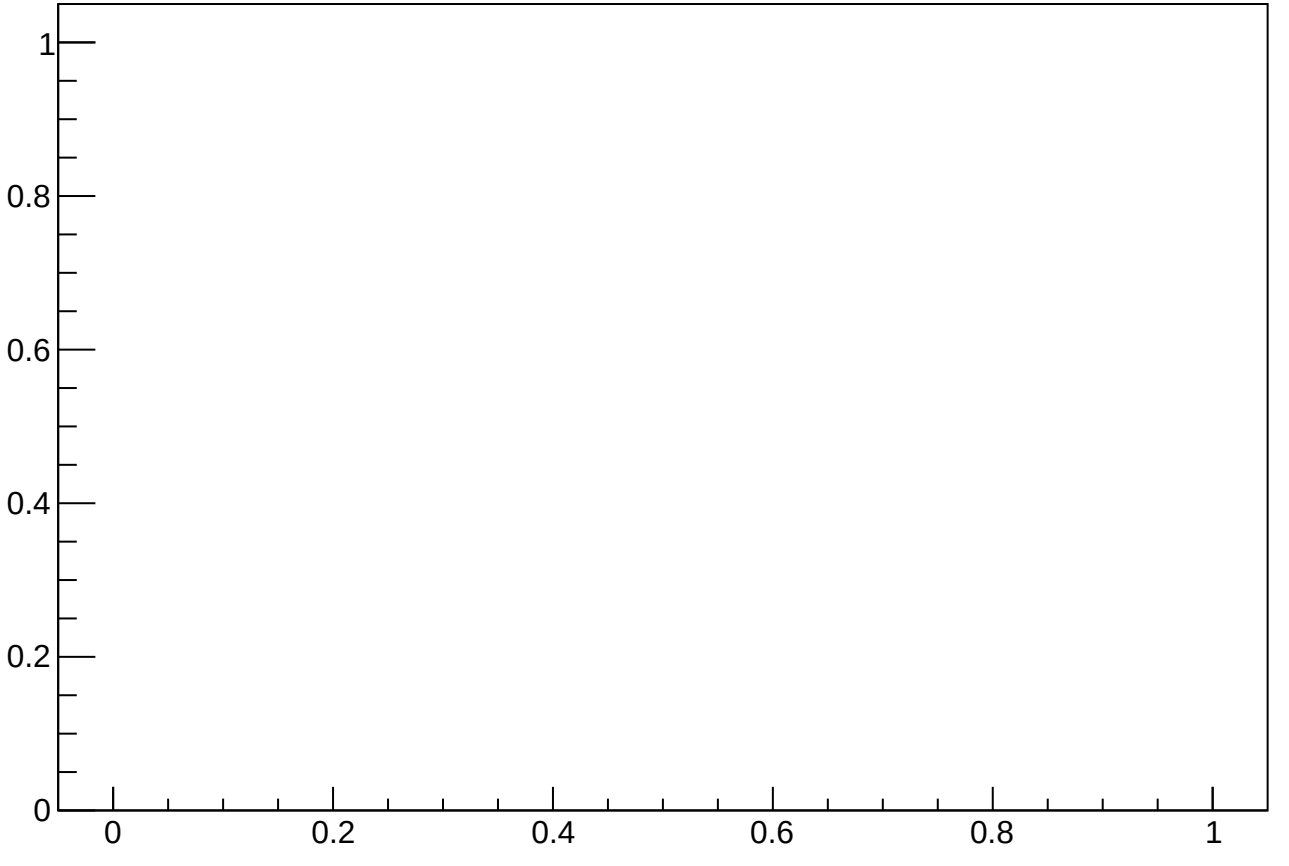
dit_4aX_coil6_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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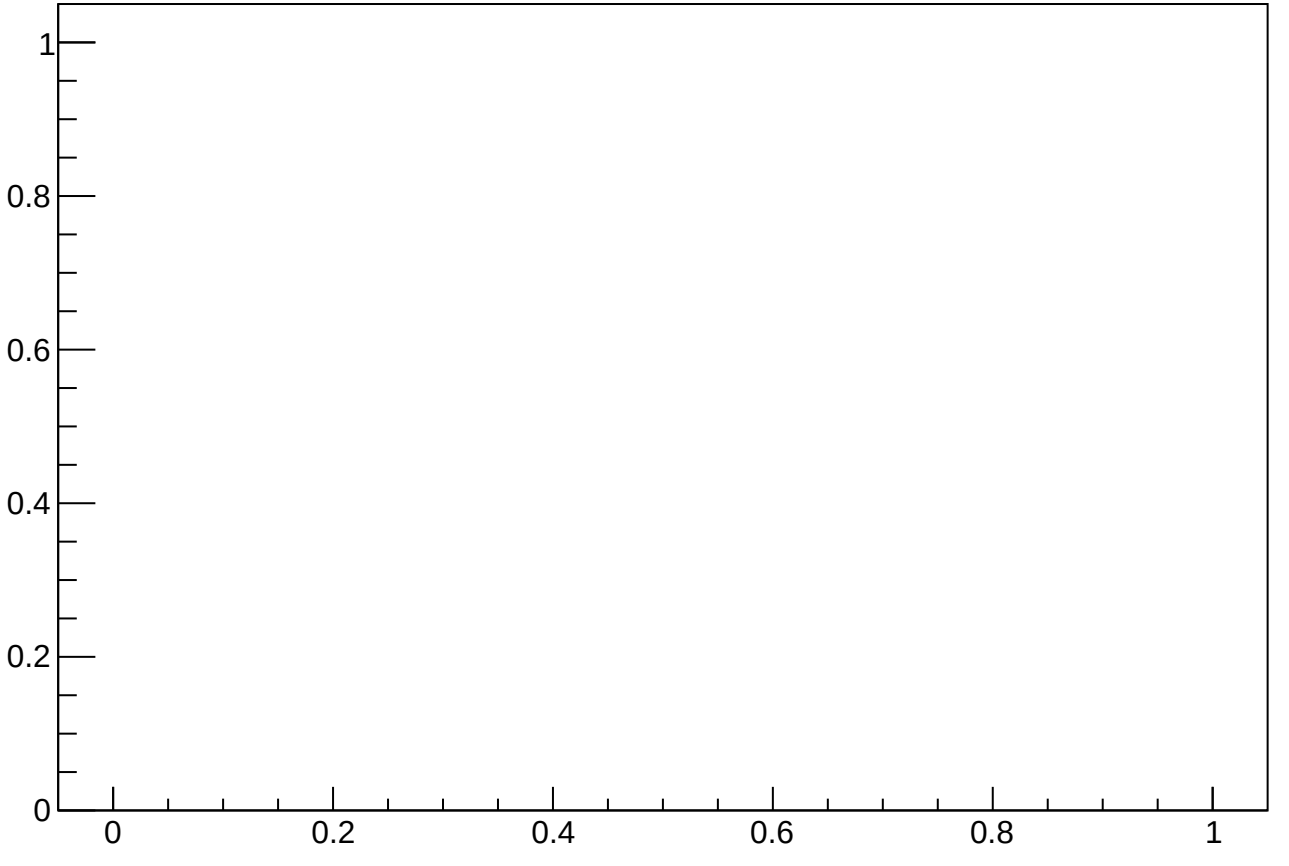
dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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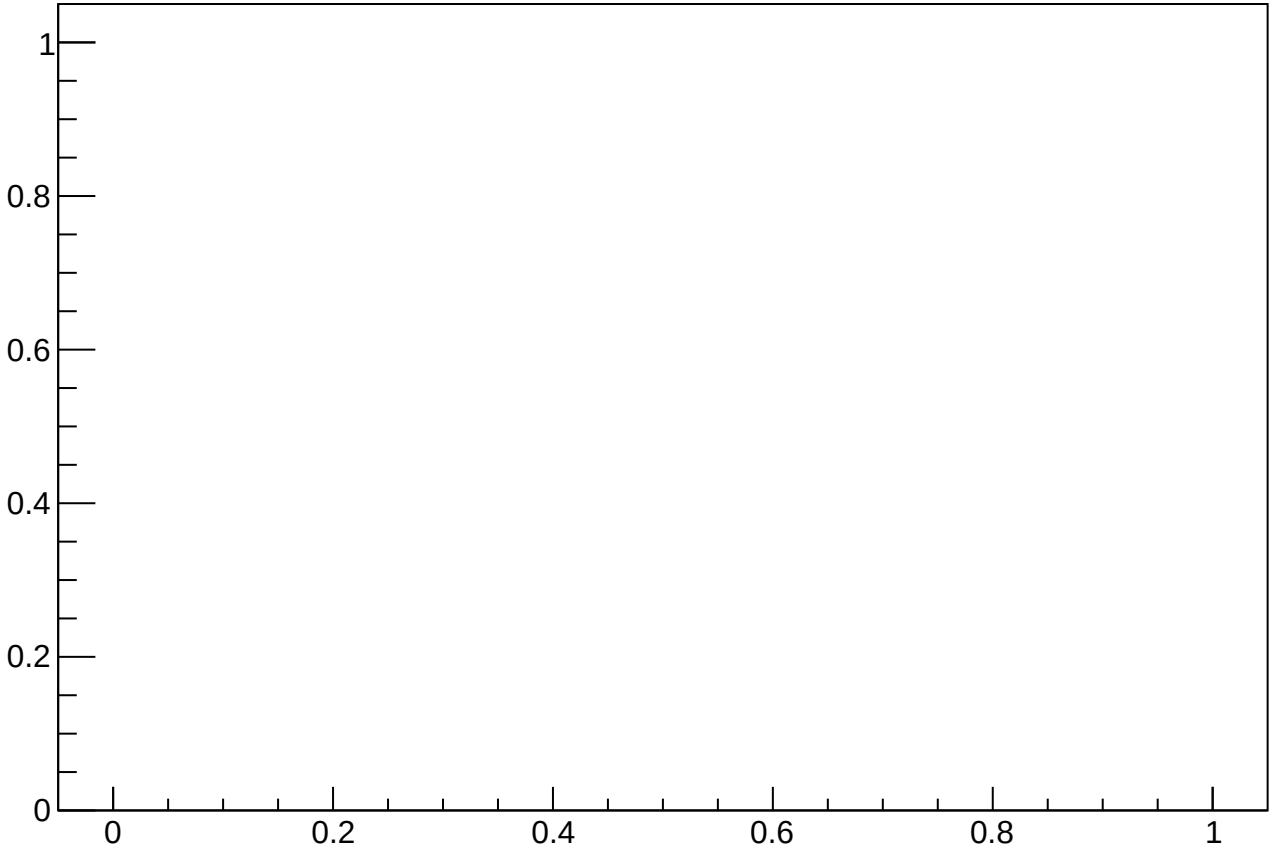
dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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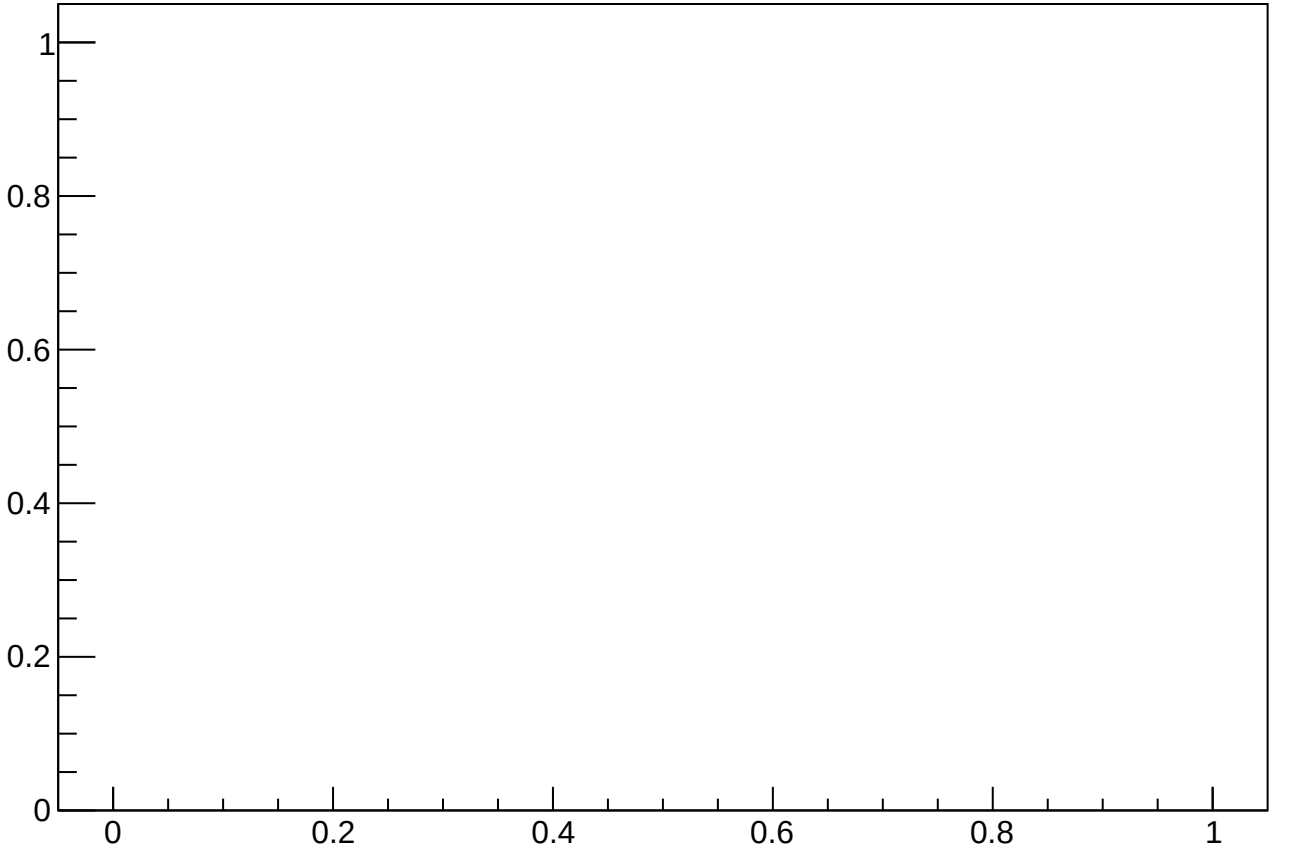
dit_4eX_coil6_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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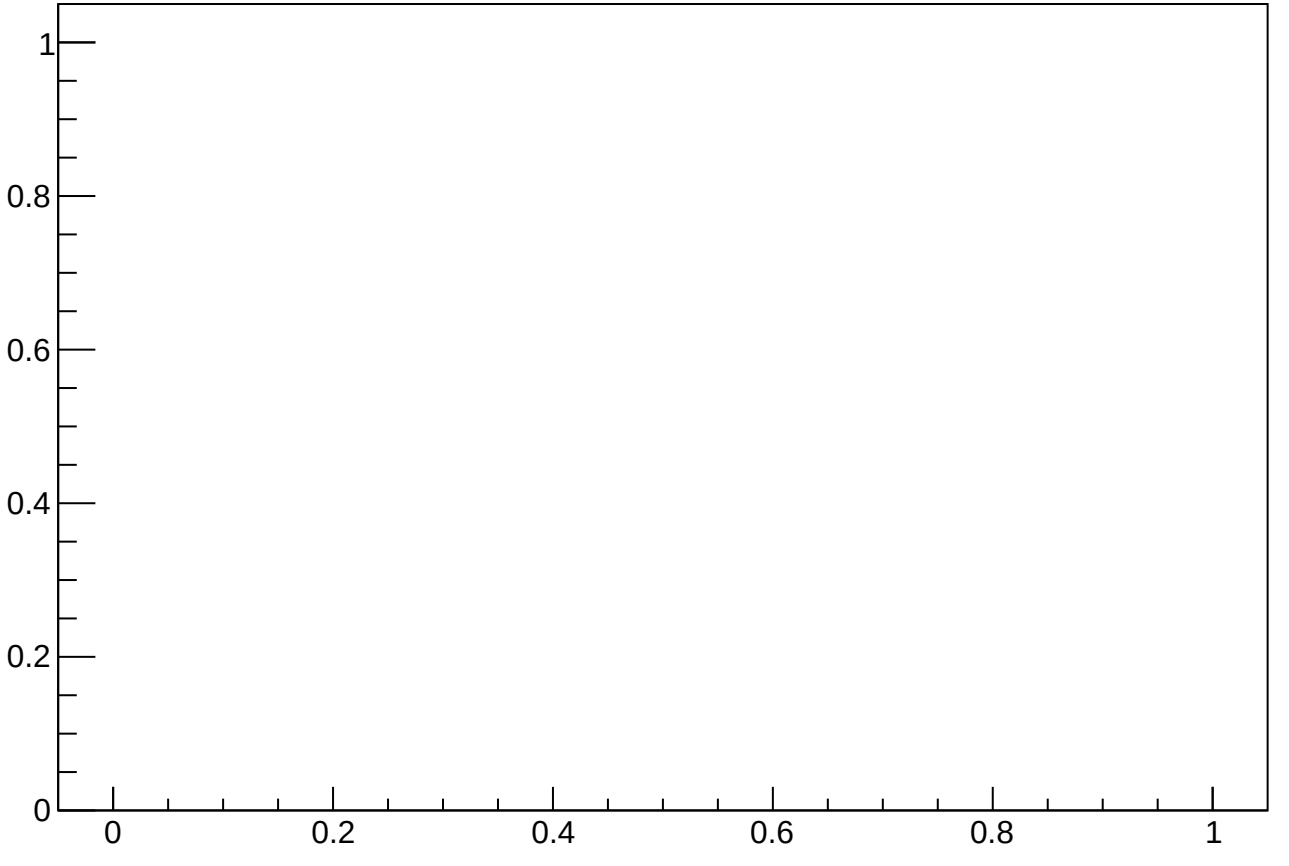
dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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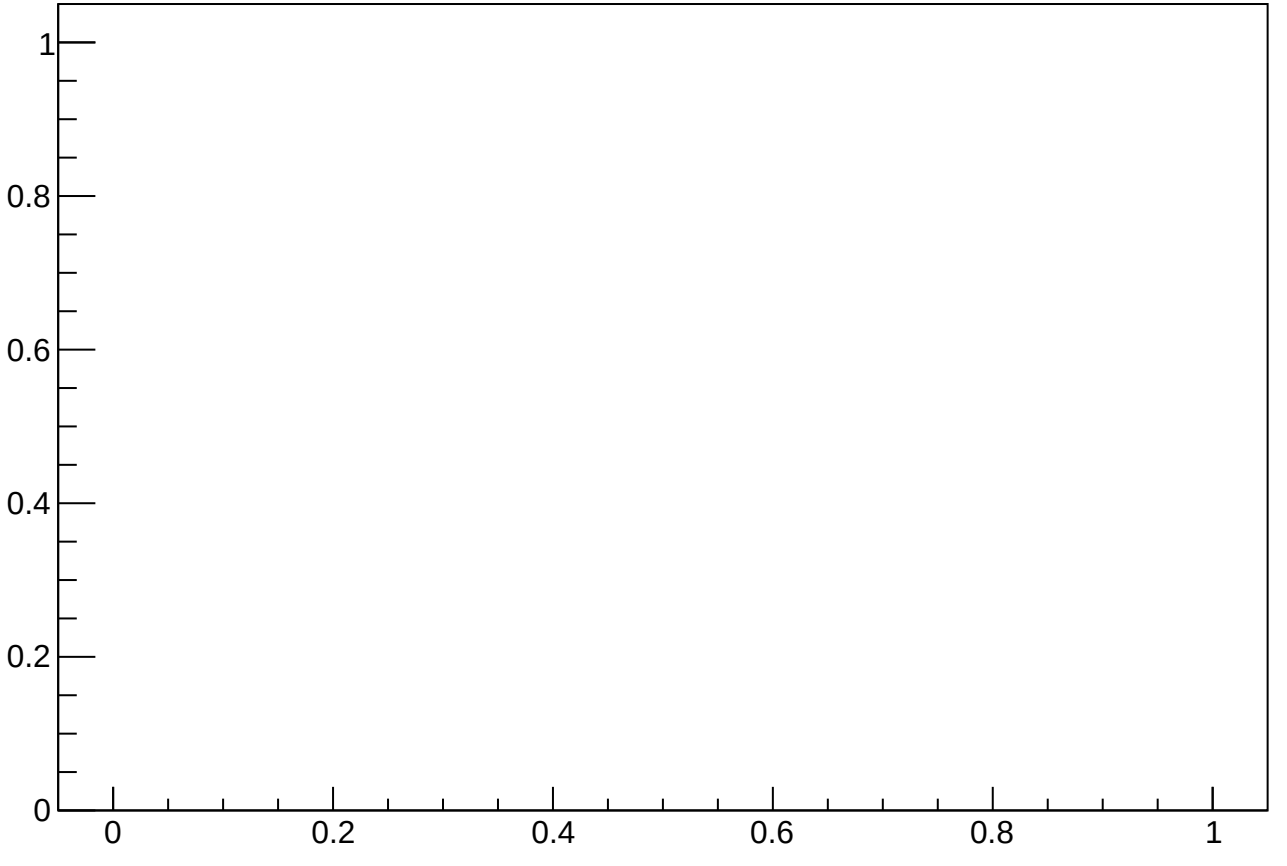
dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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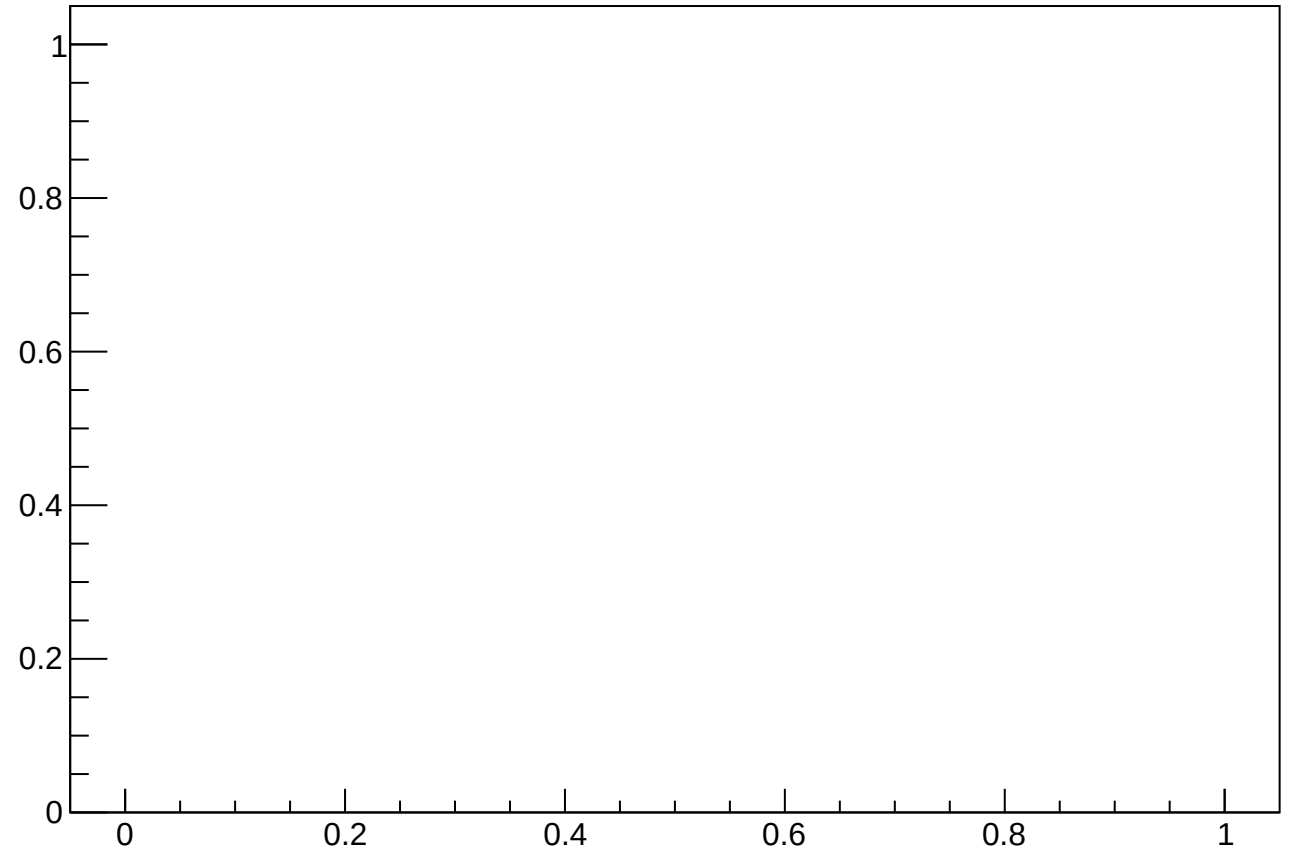

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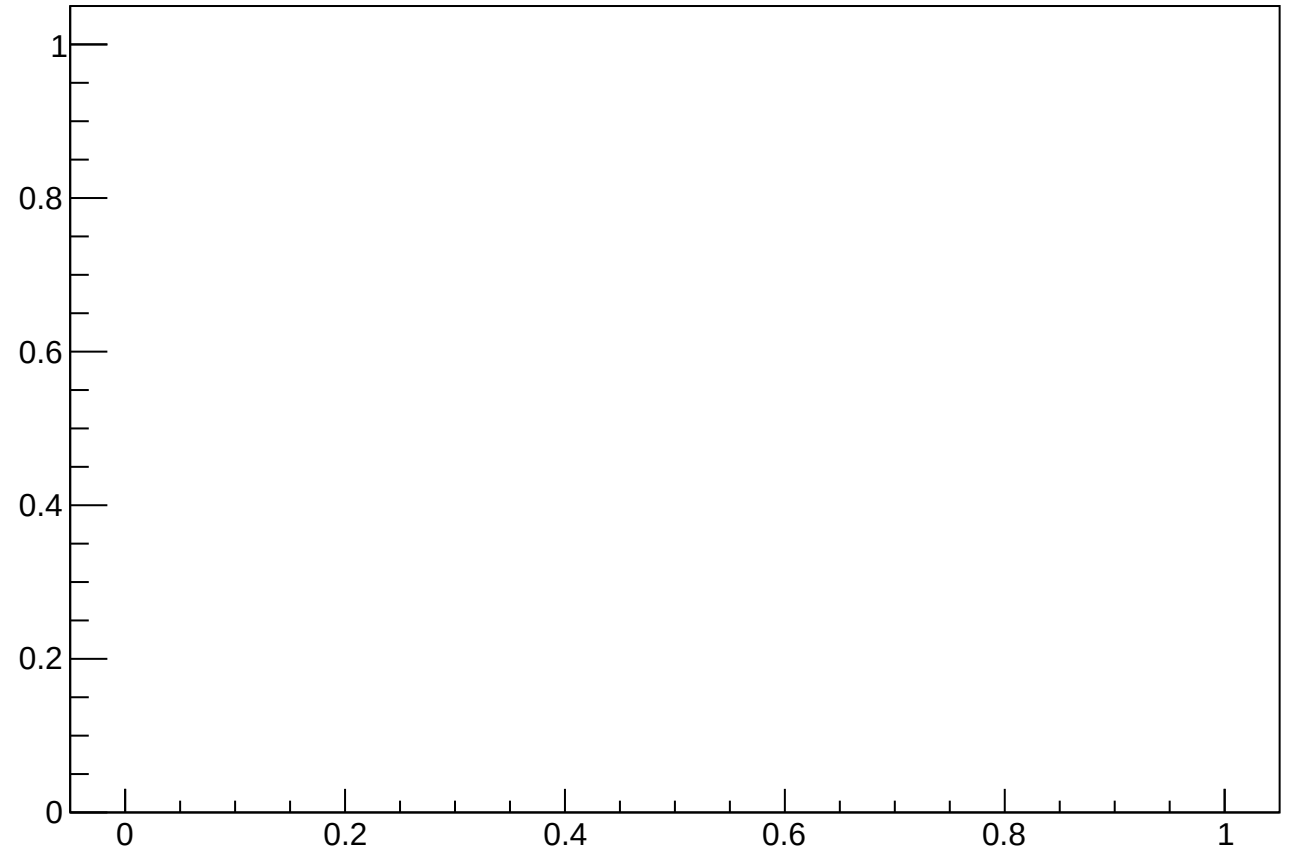

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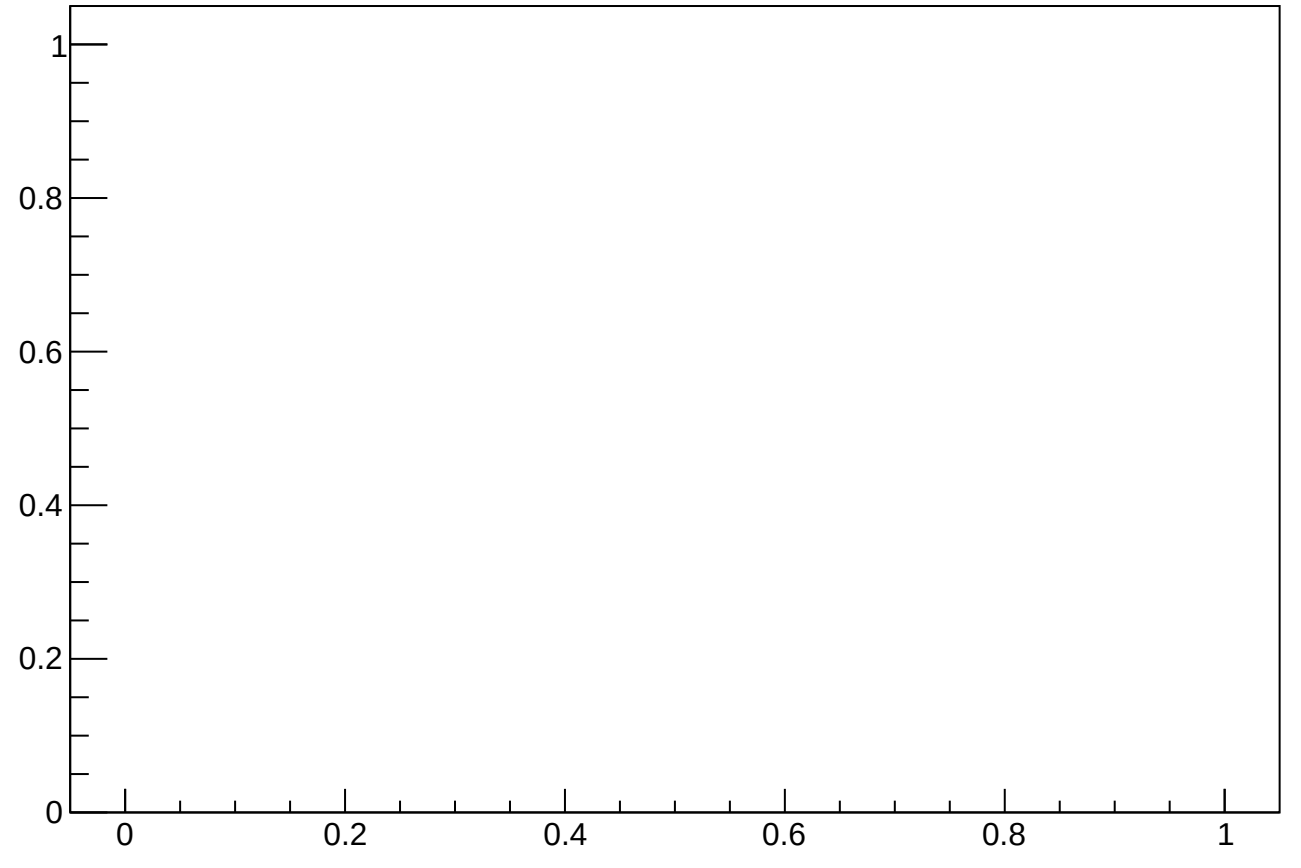

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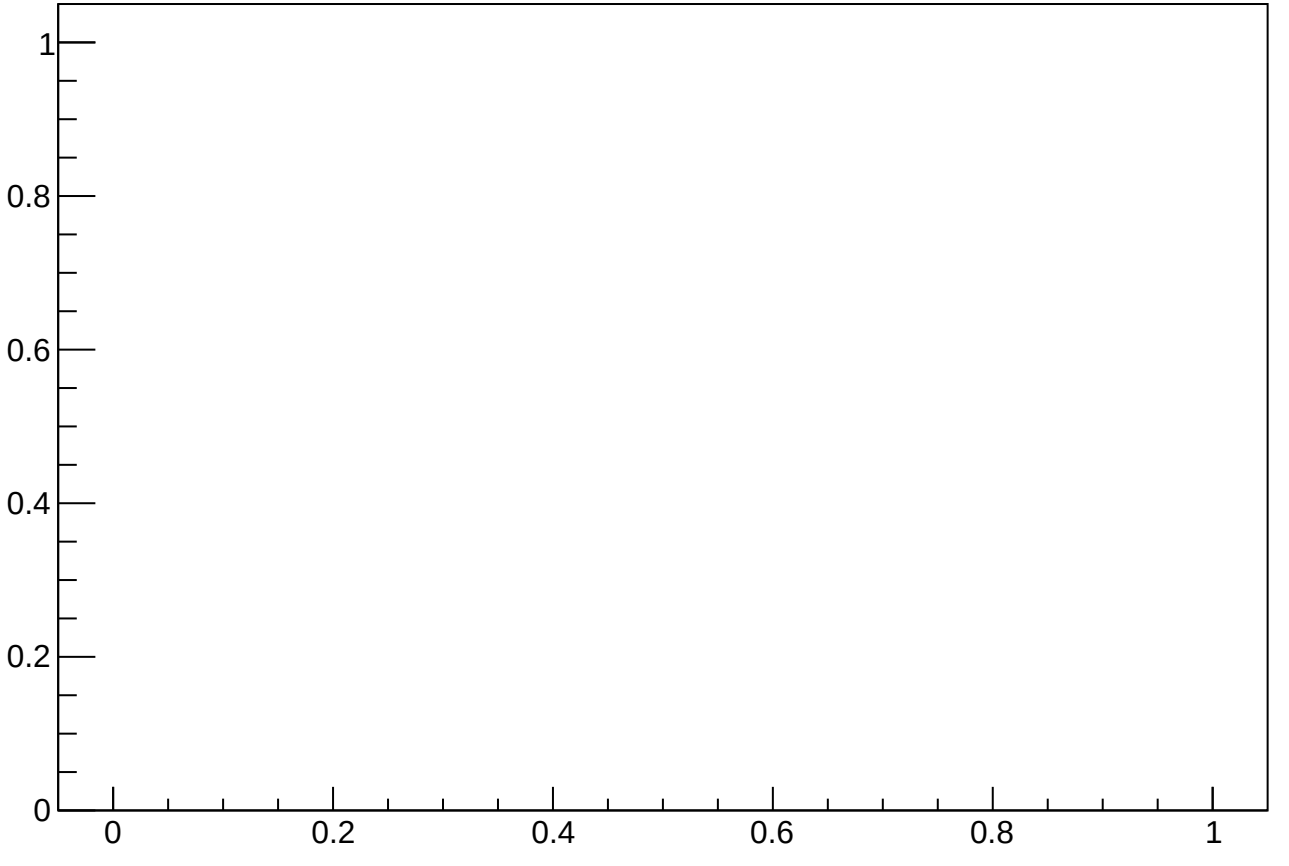
dit_4aY_coil6_mean vs Slug, Sign Corrected



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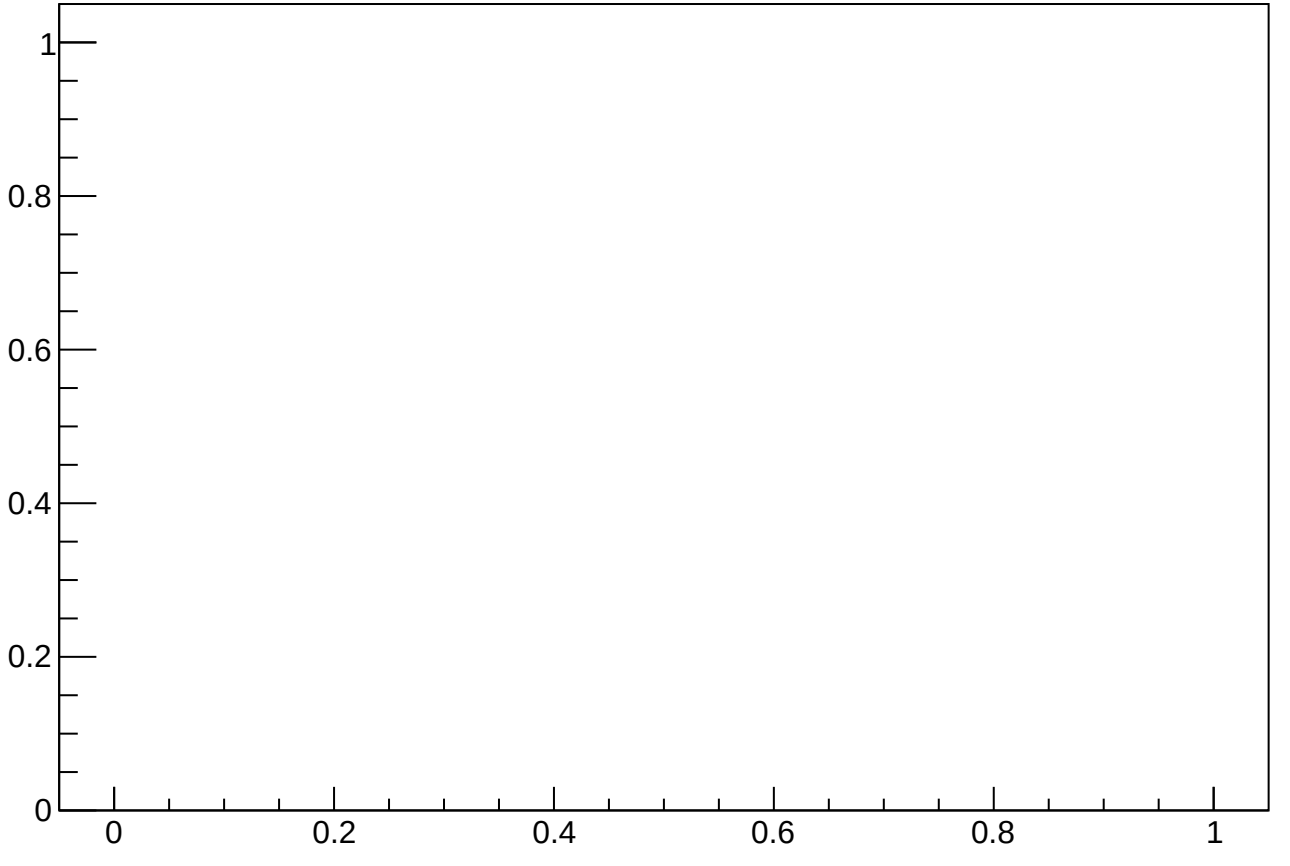
dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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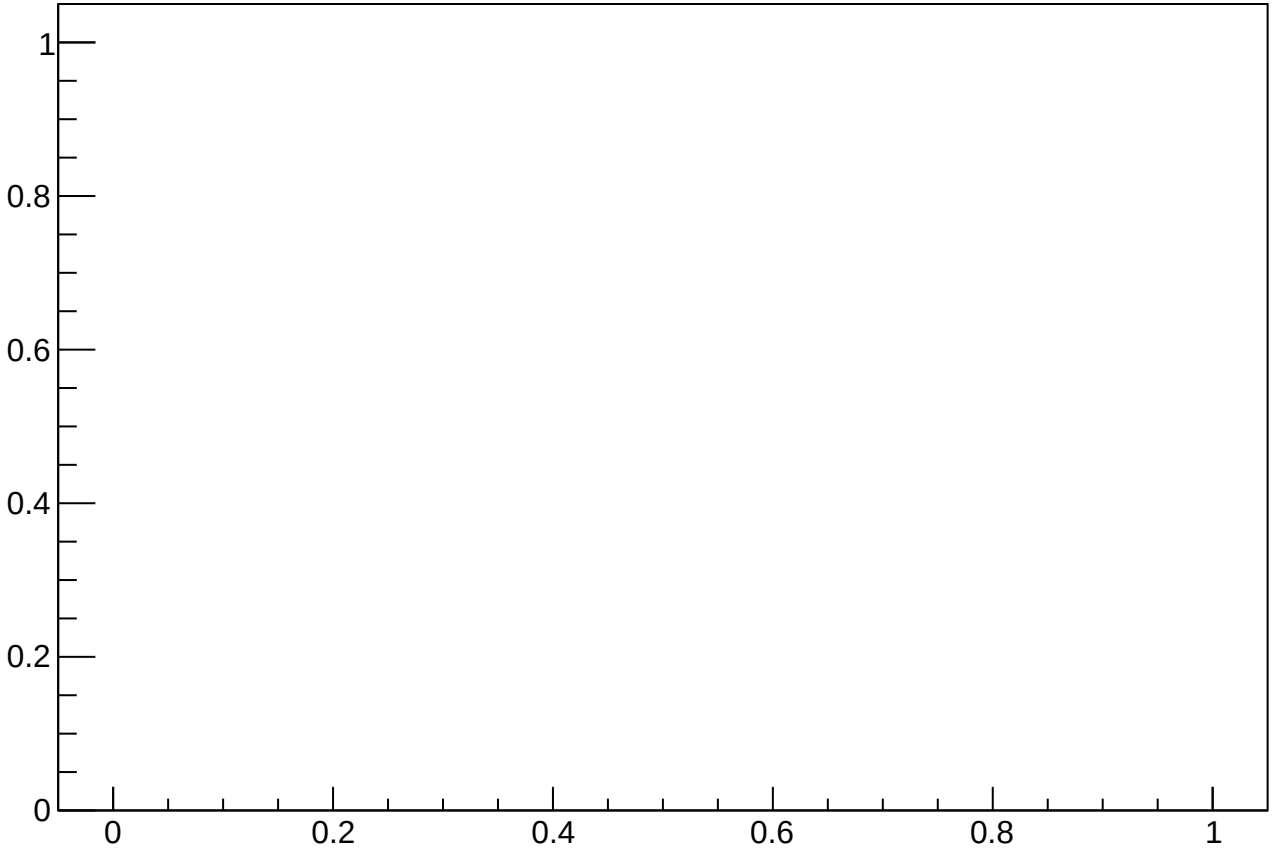
dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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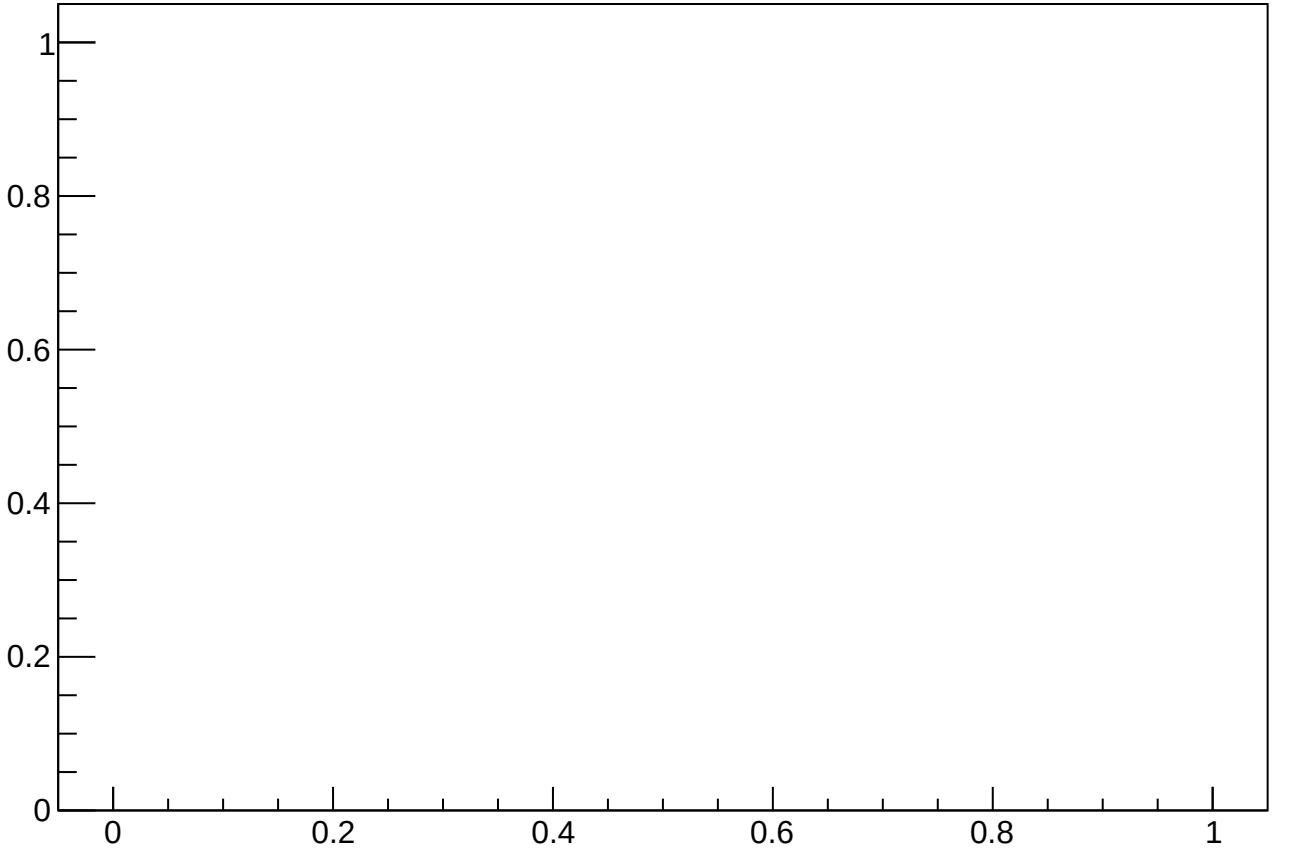
dit_4eY_coil6_mean vs Slug, Sign Corrected



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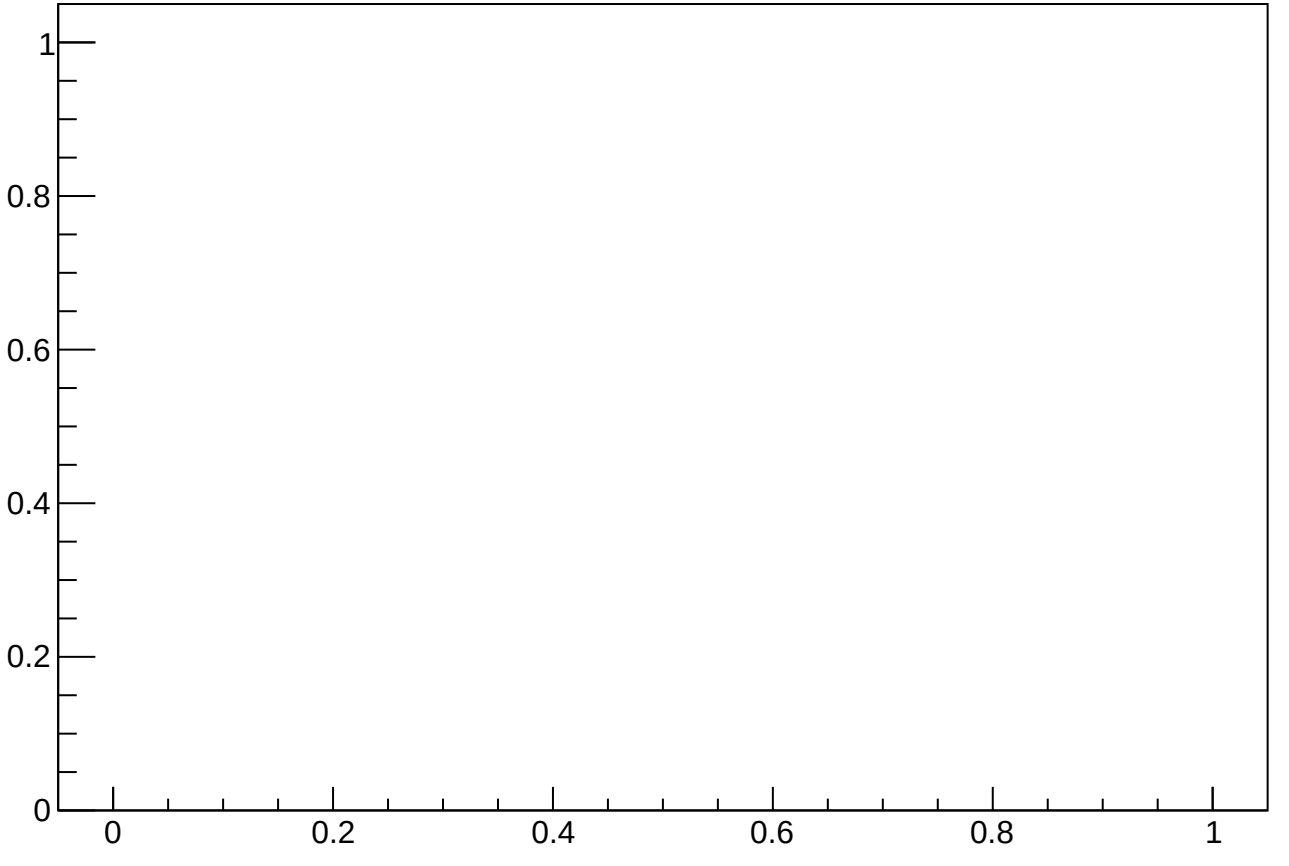
dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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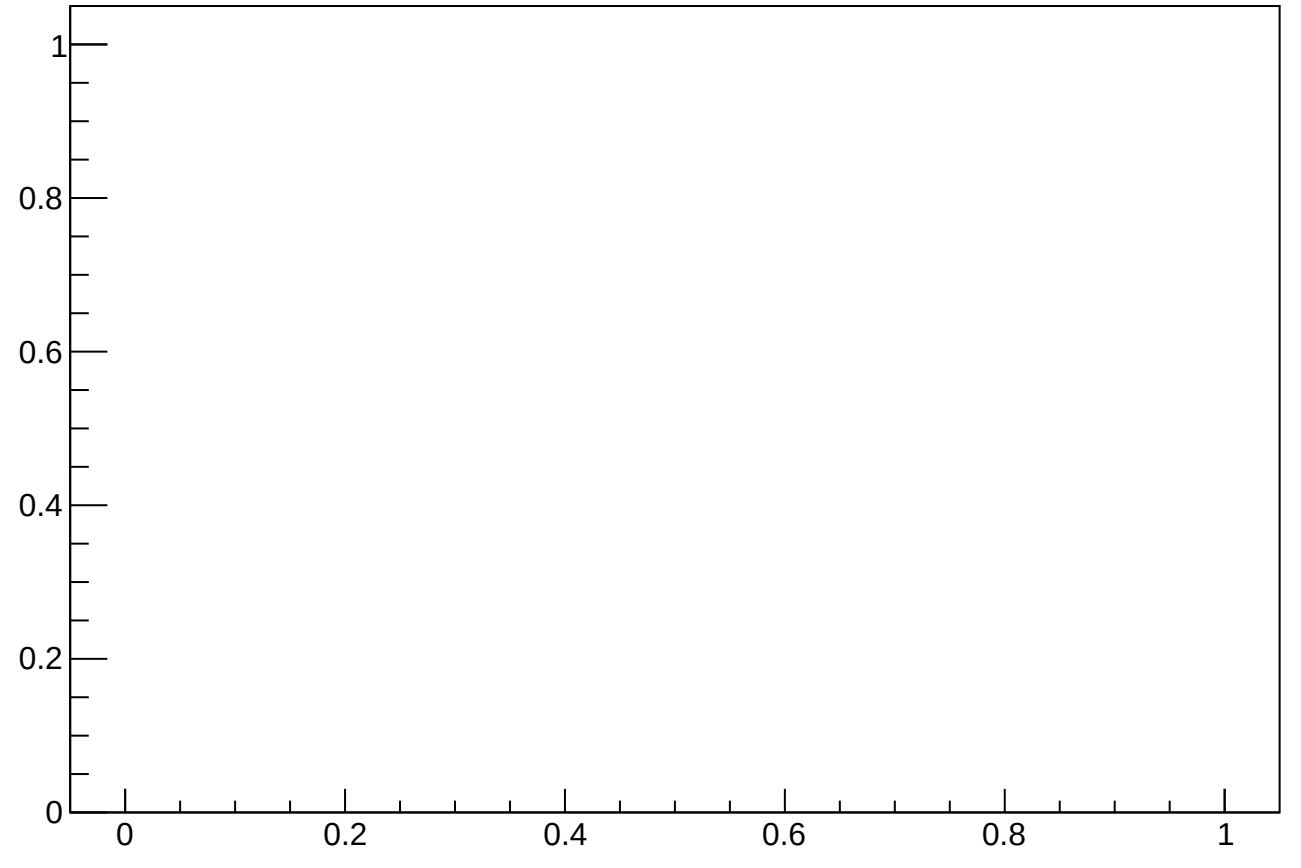

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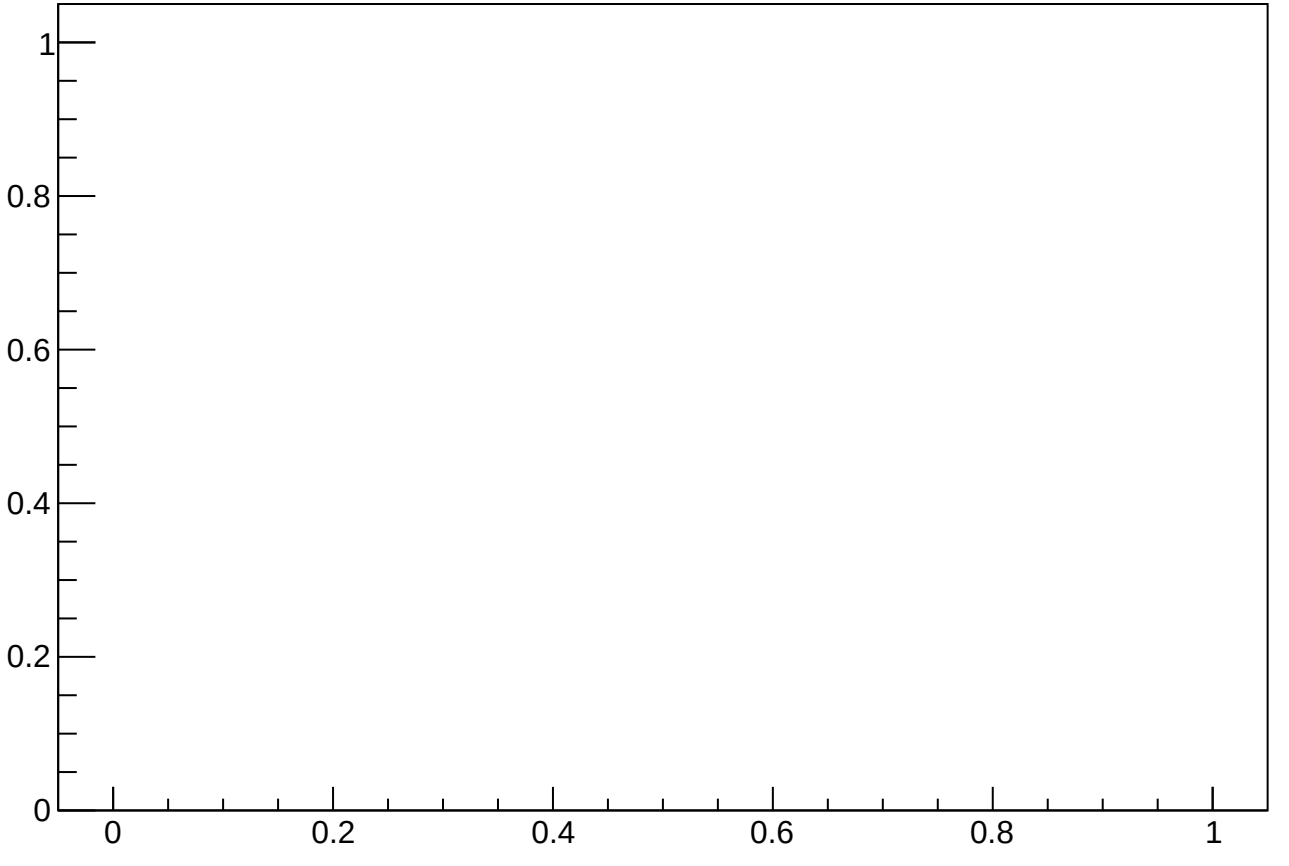
dit_usl_coil6_mean vs Slug, Sign Corrected



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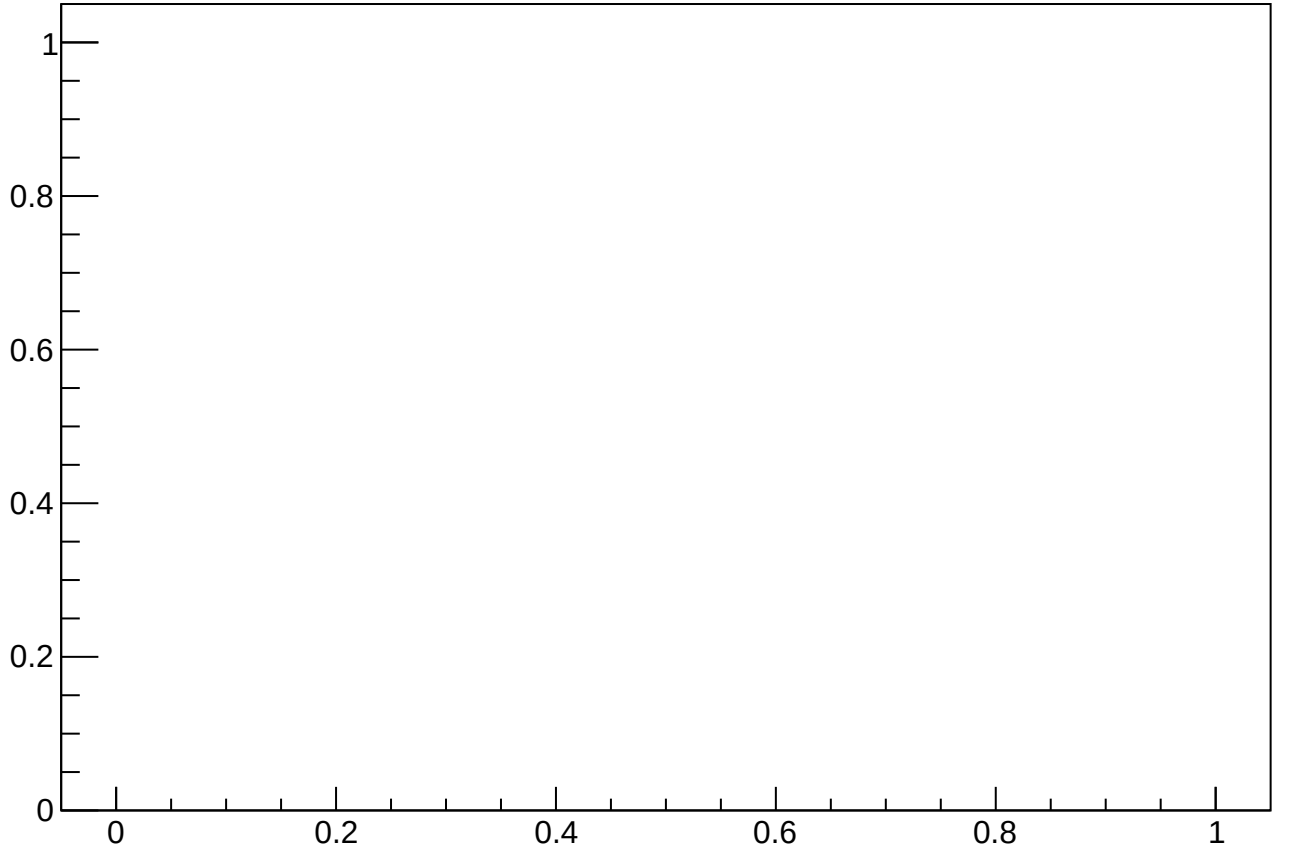
dit_usl_coil6_err_mean vs Slug, Sign Corrected



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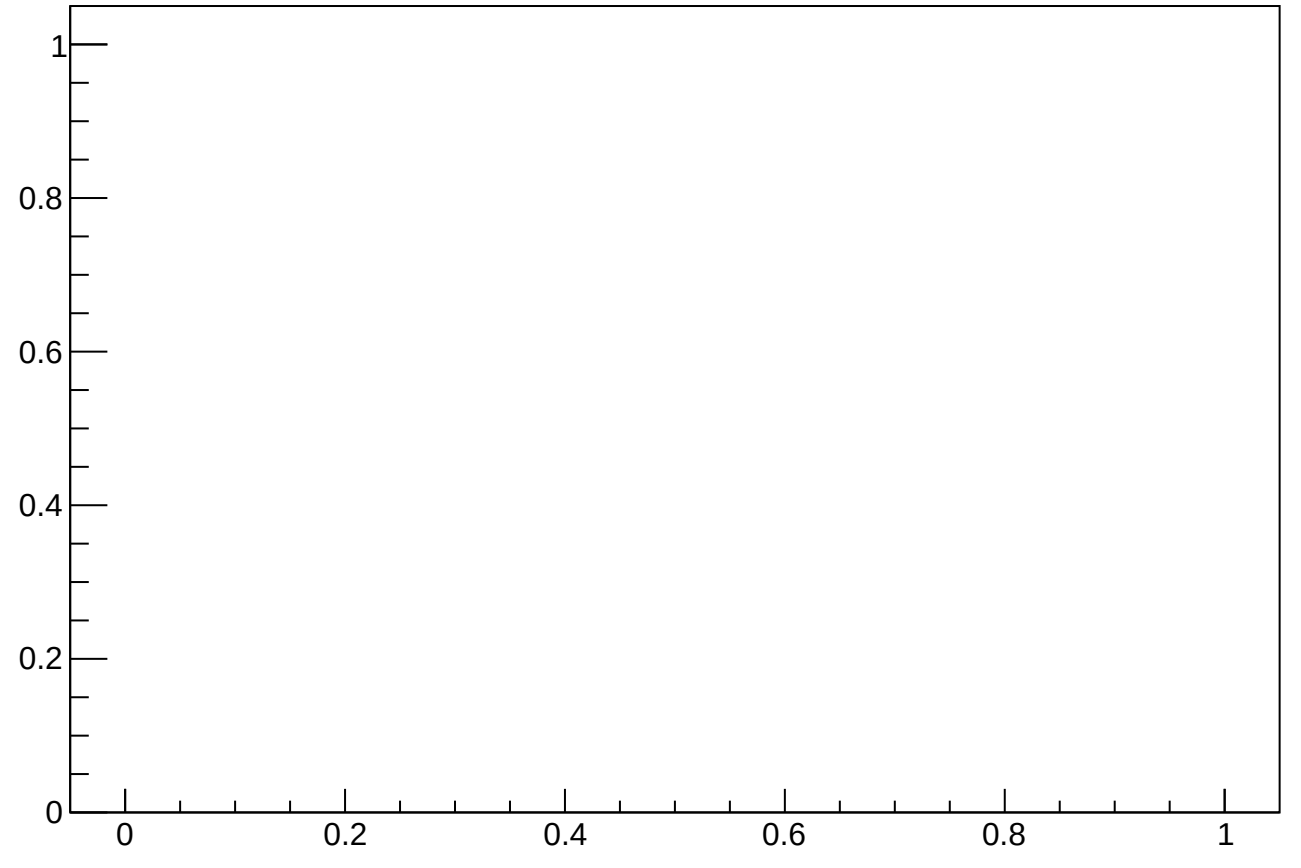

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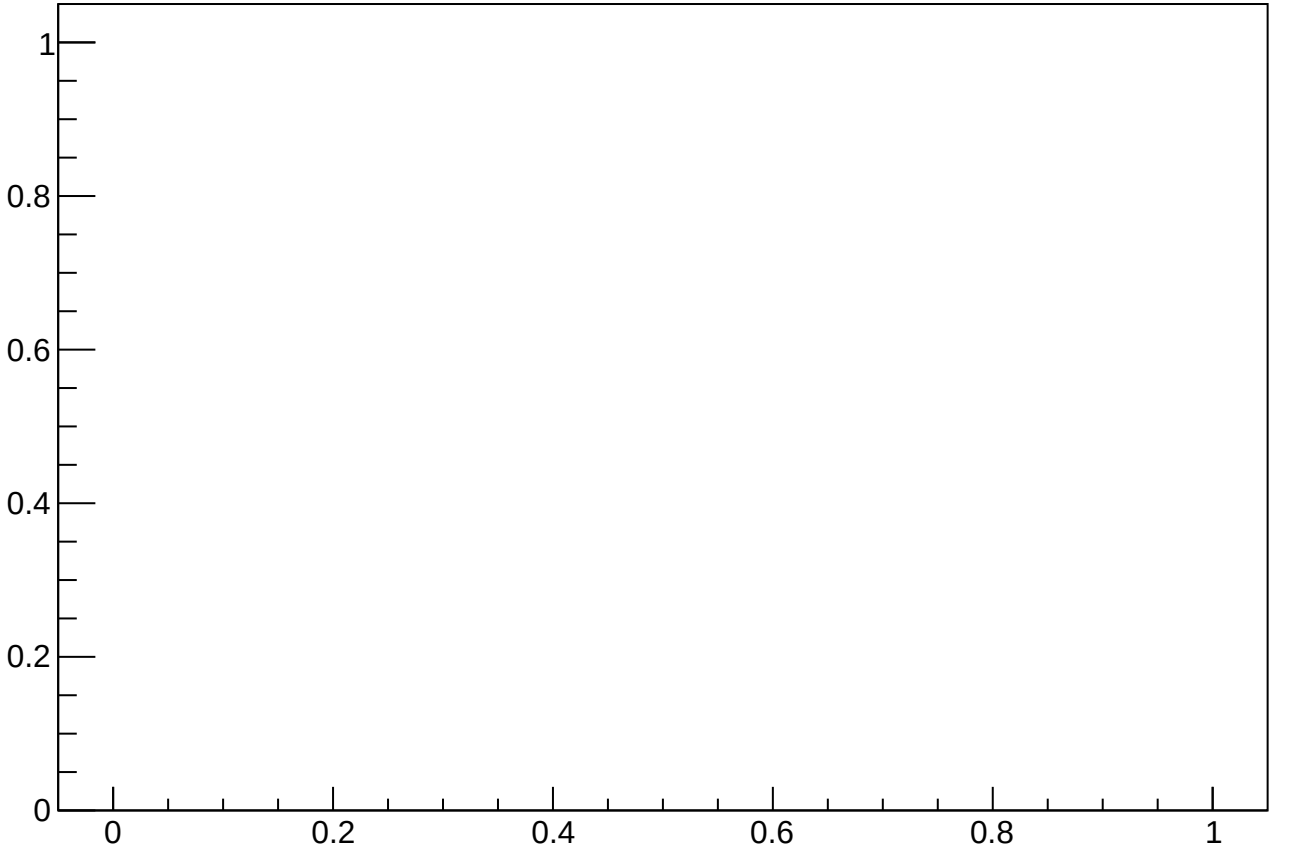
dit_usr_coil6_mean vs Slug, Sign Corrected



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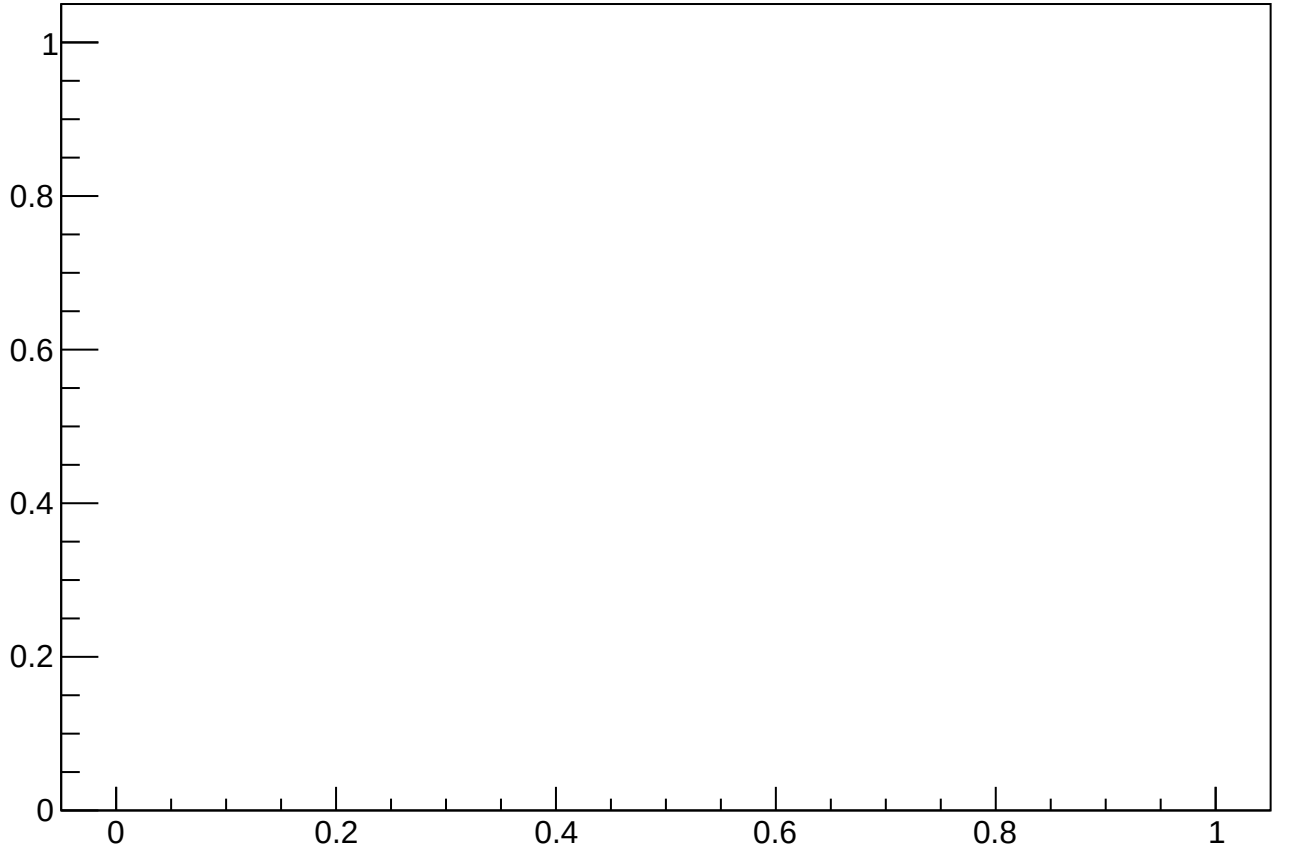
dit_usr_coil6_err_mean vs Slug, Sign Corrected



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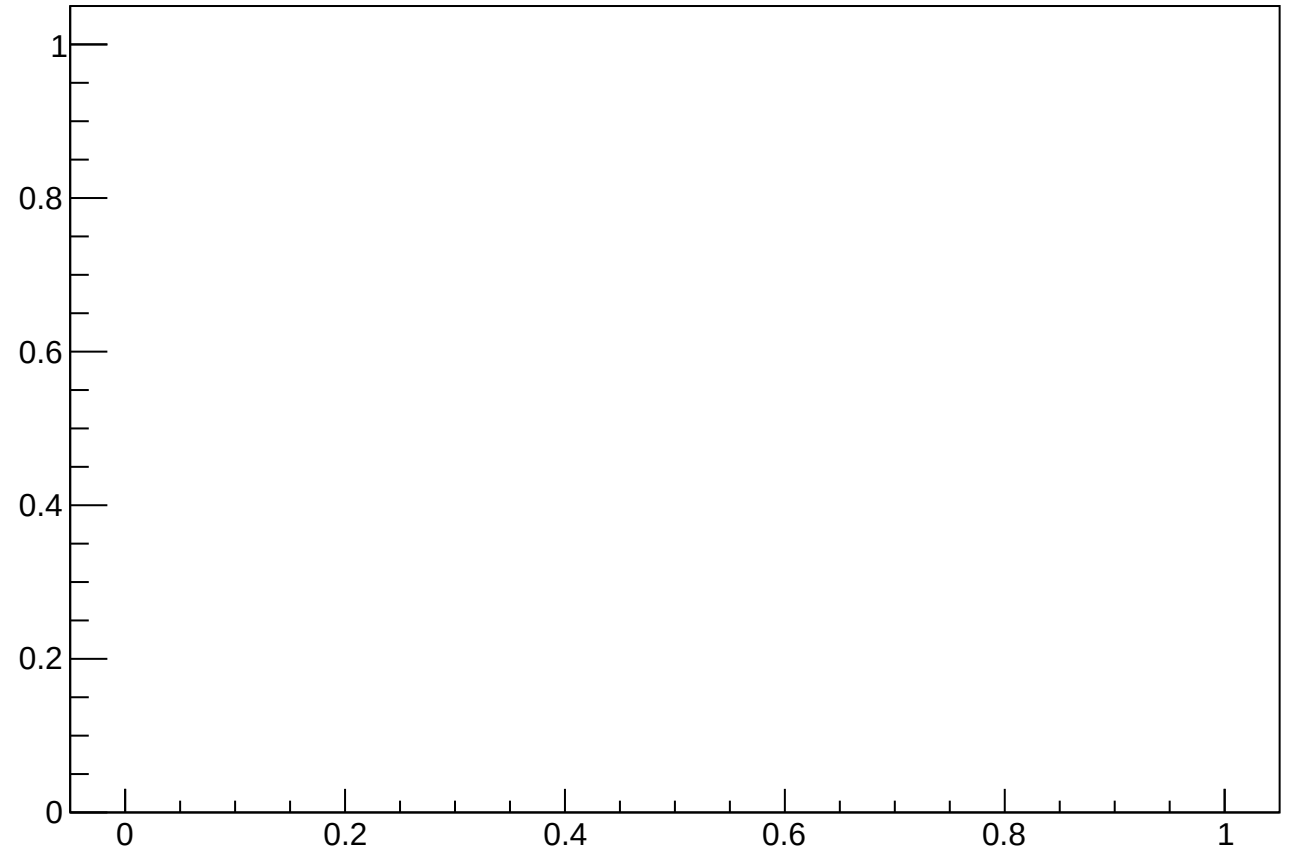

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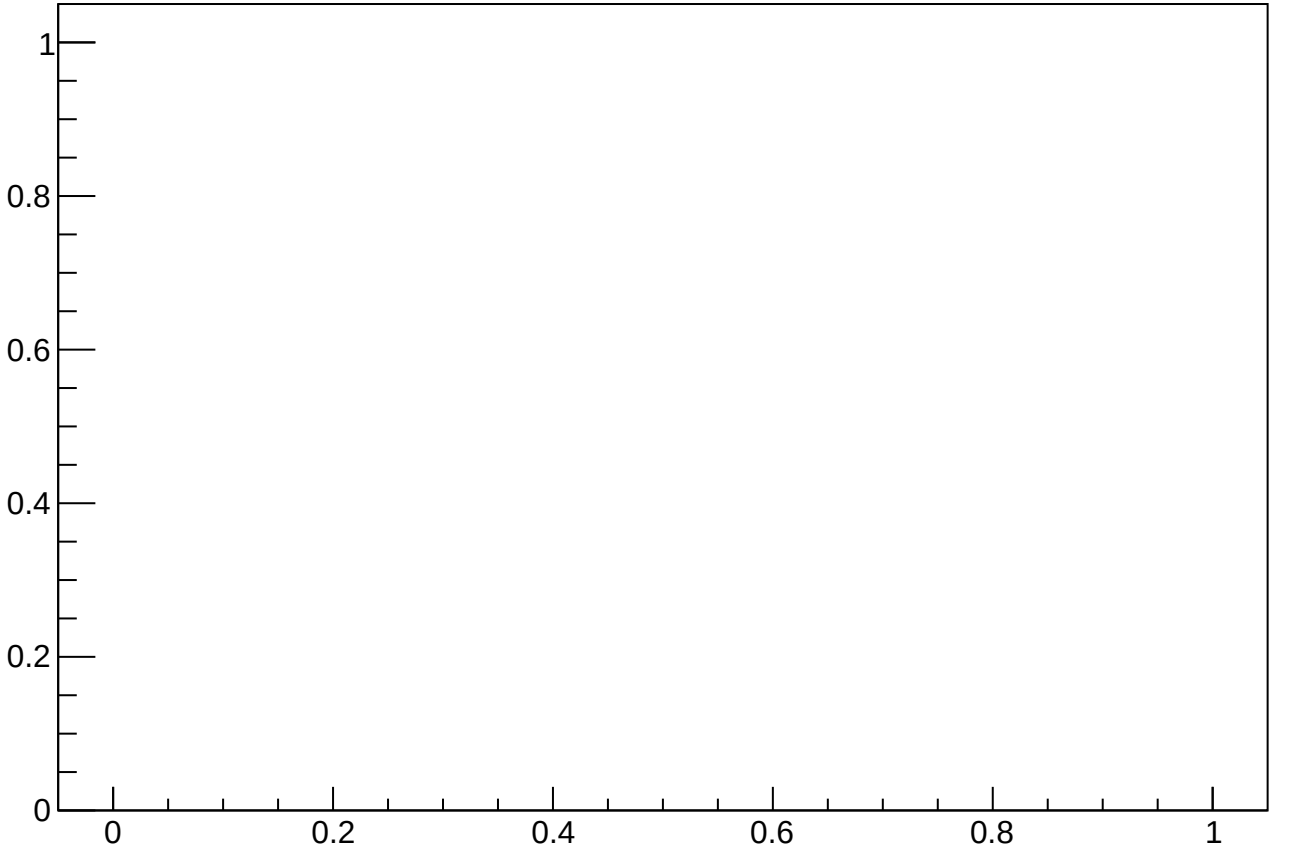
dit_atl1_coil6_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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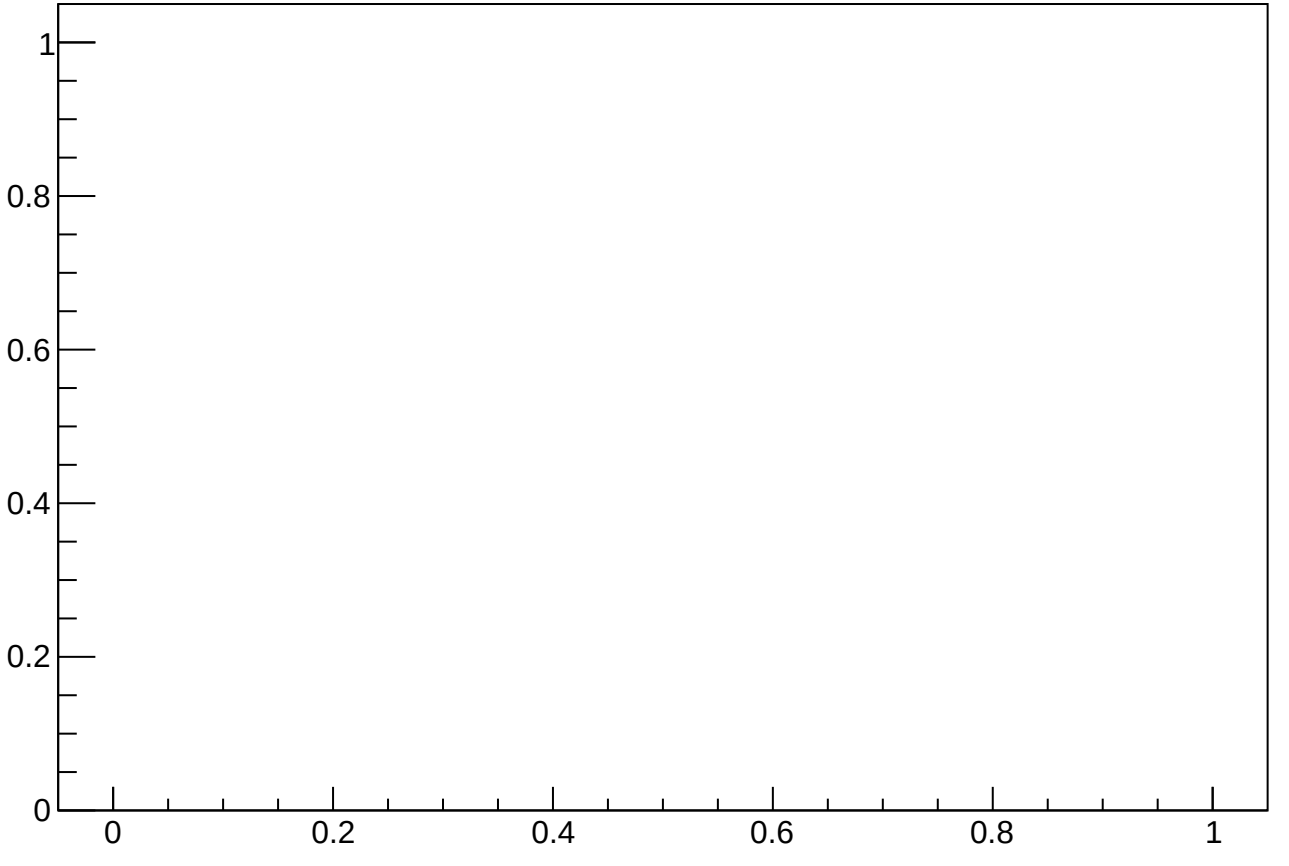
dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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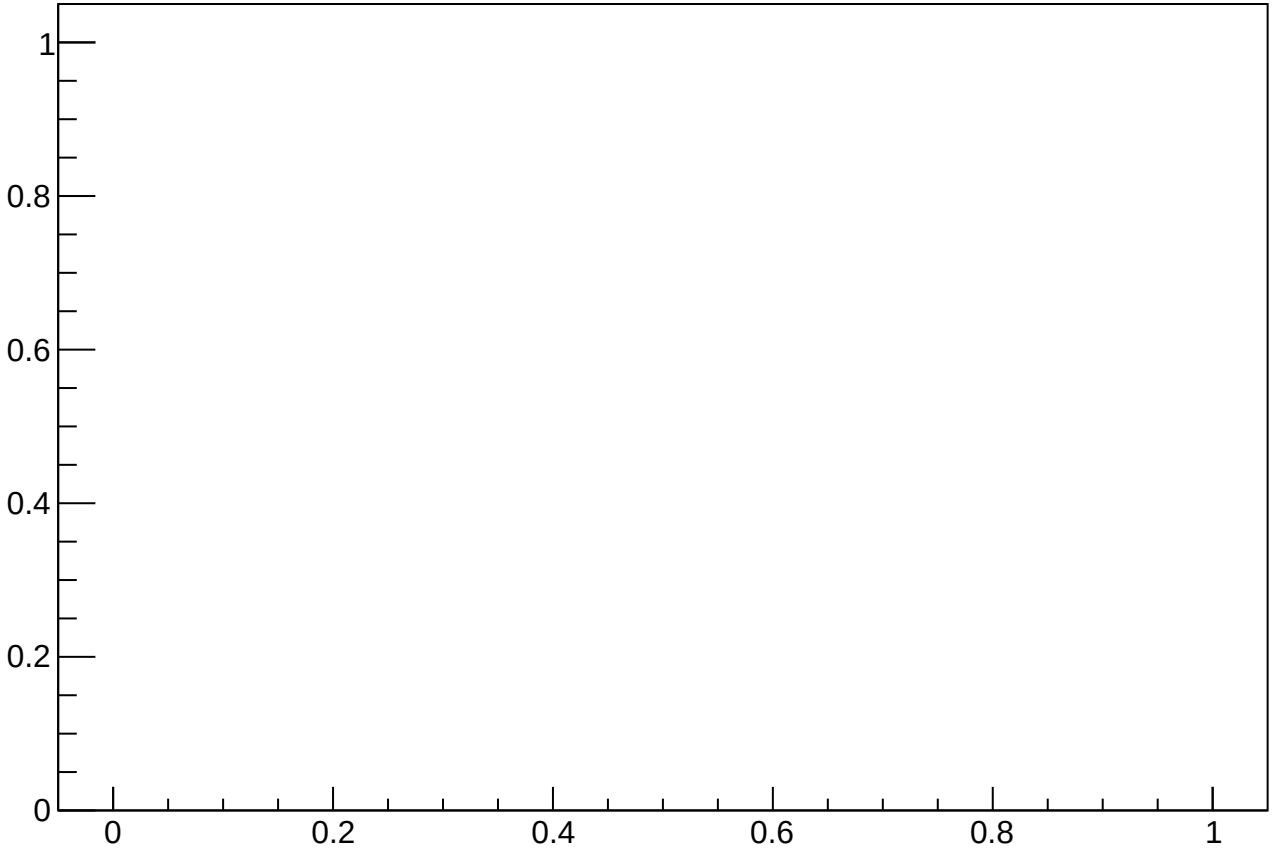
dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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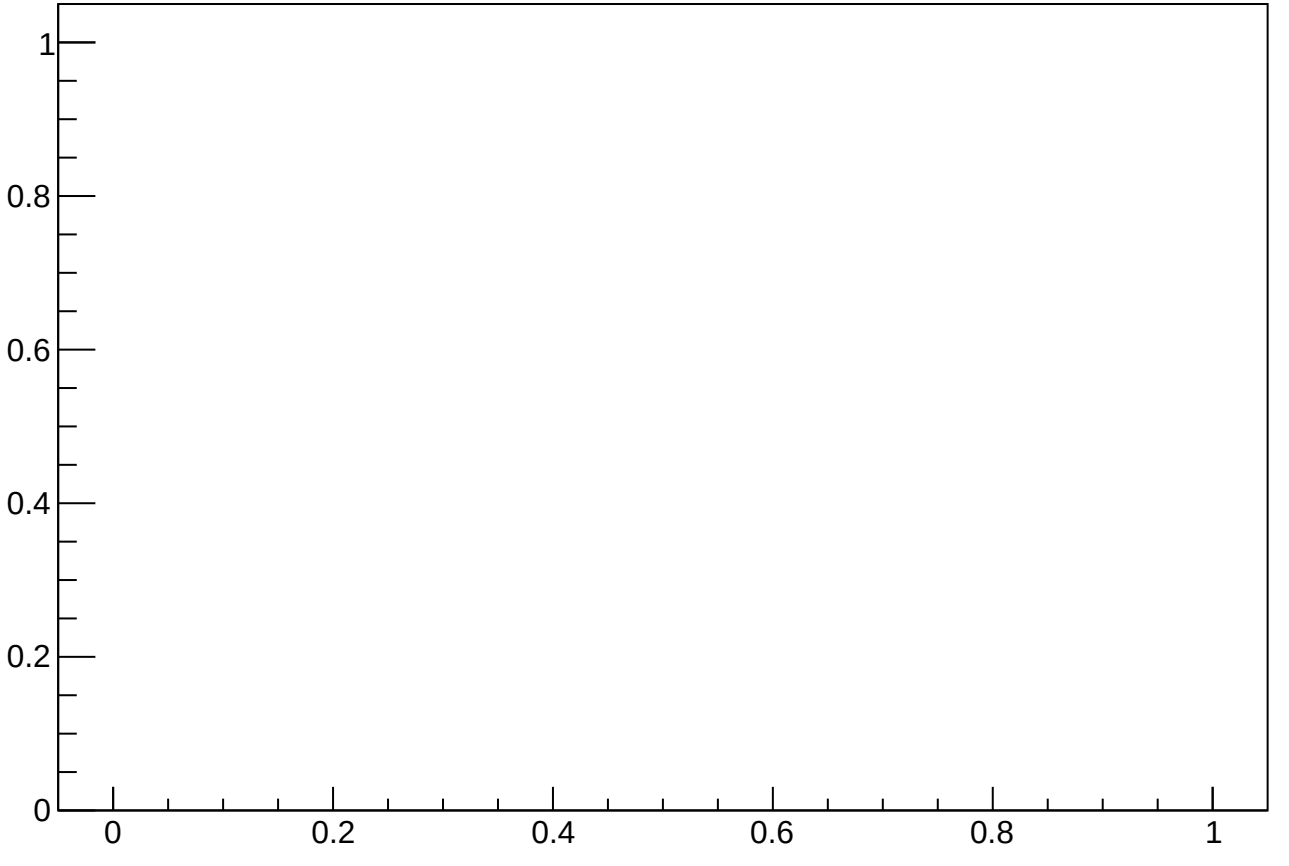
dit_atl2_coil6_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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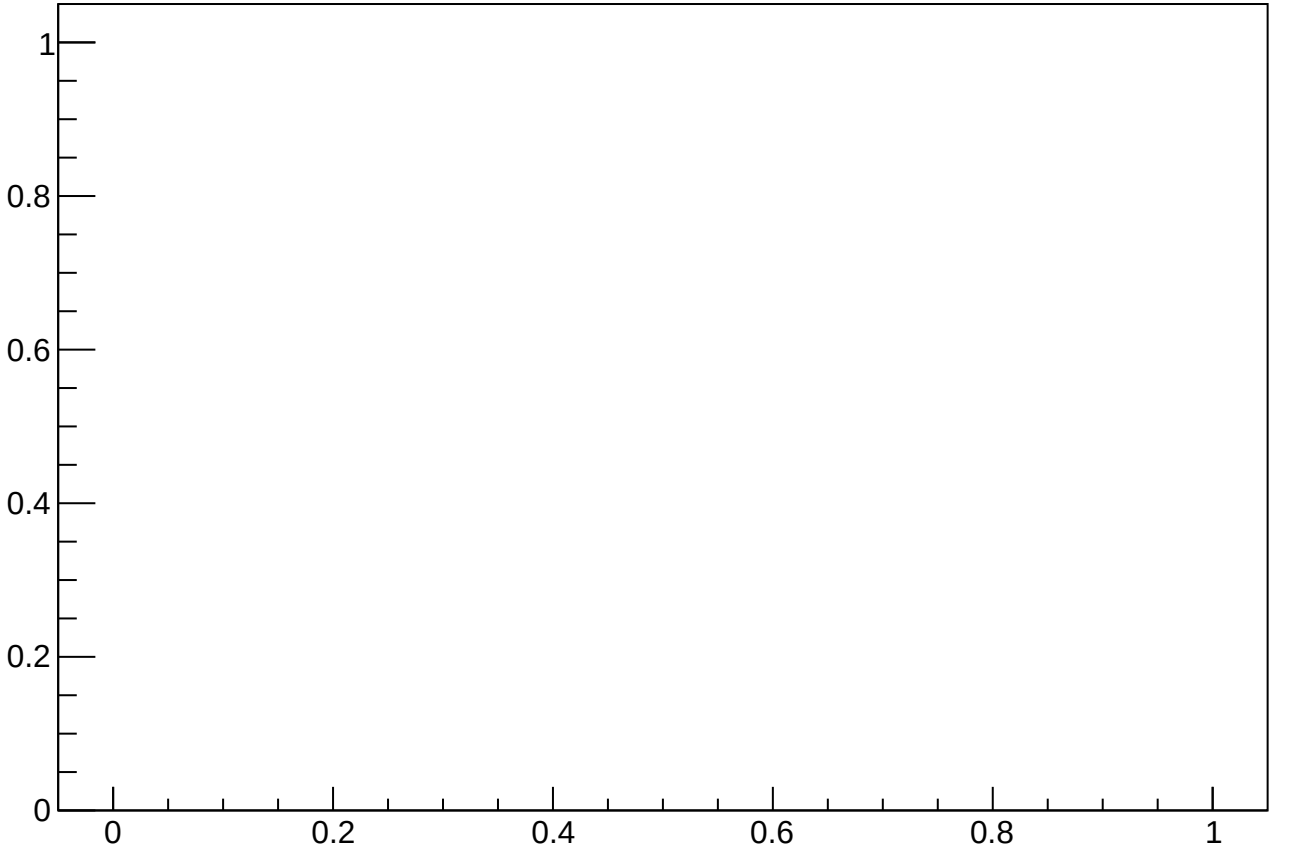
dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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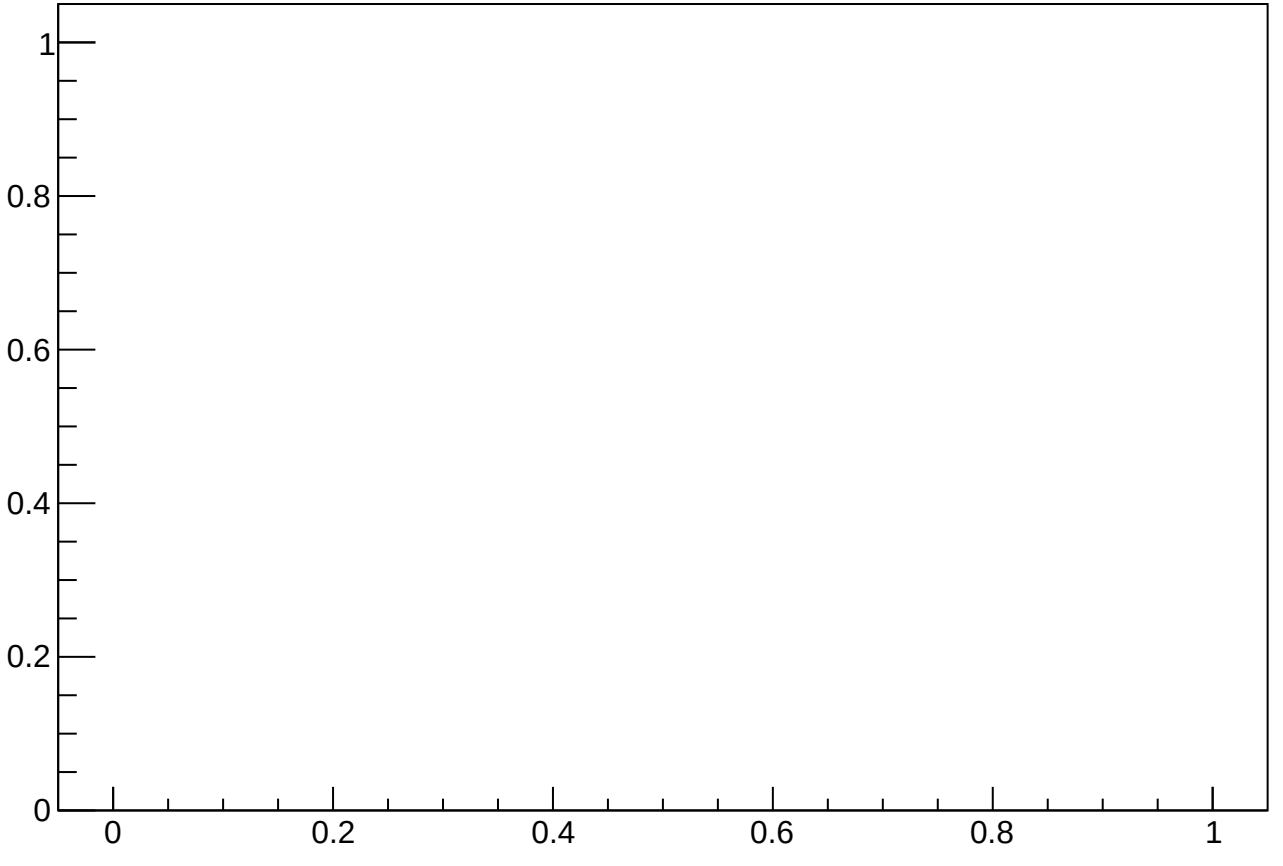
dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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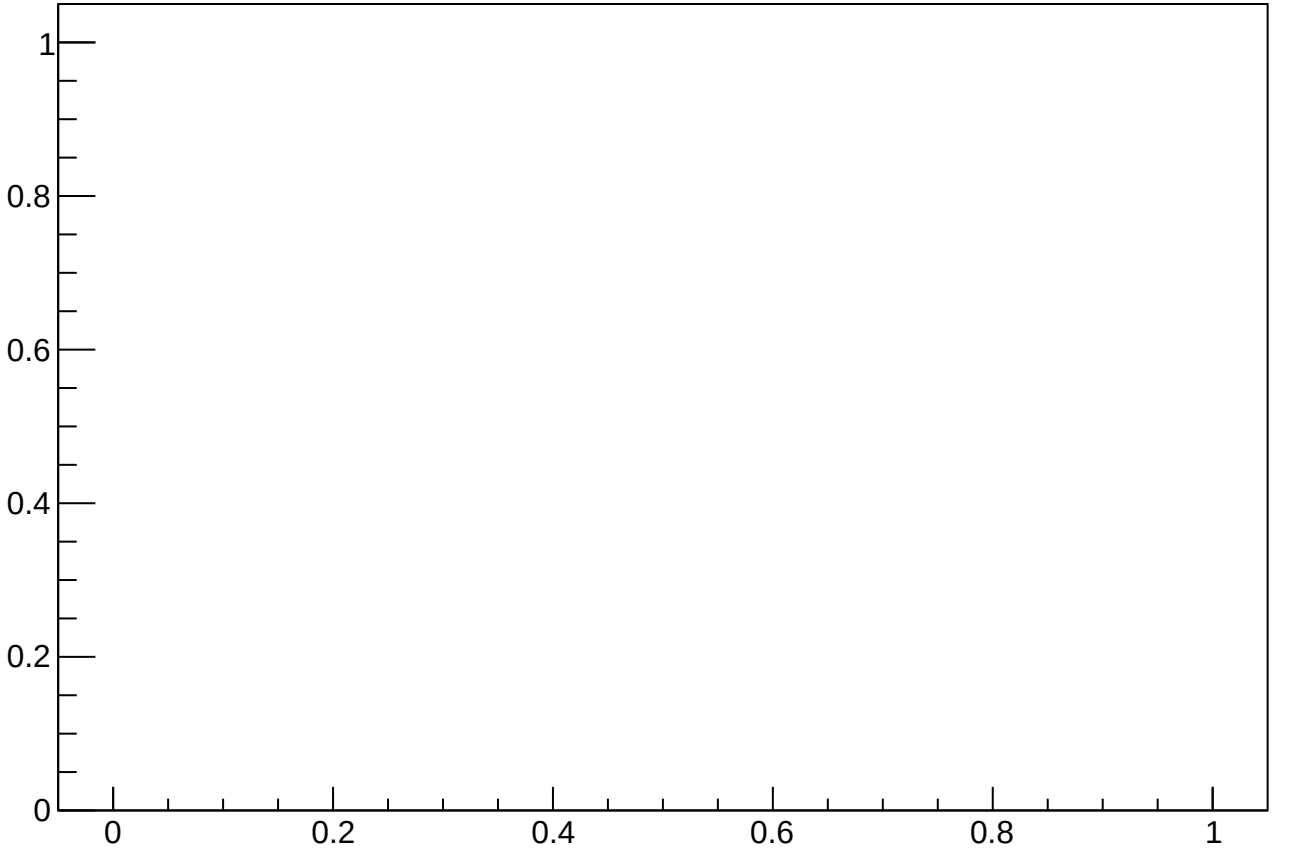

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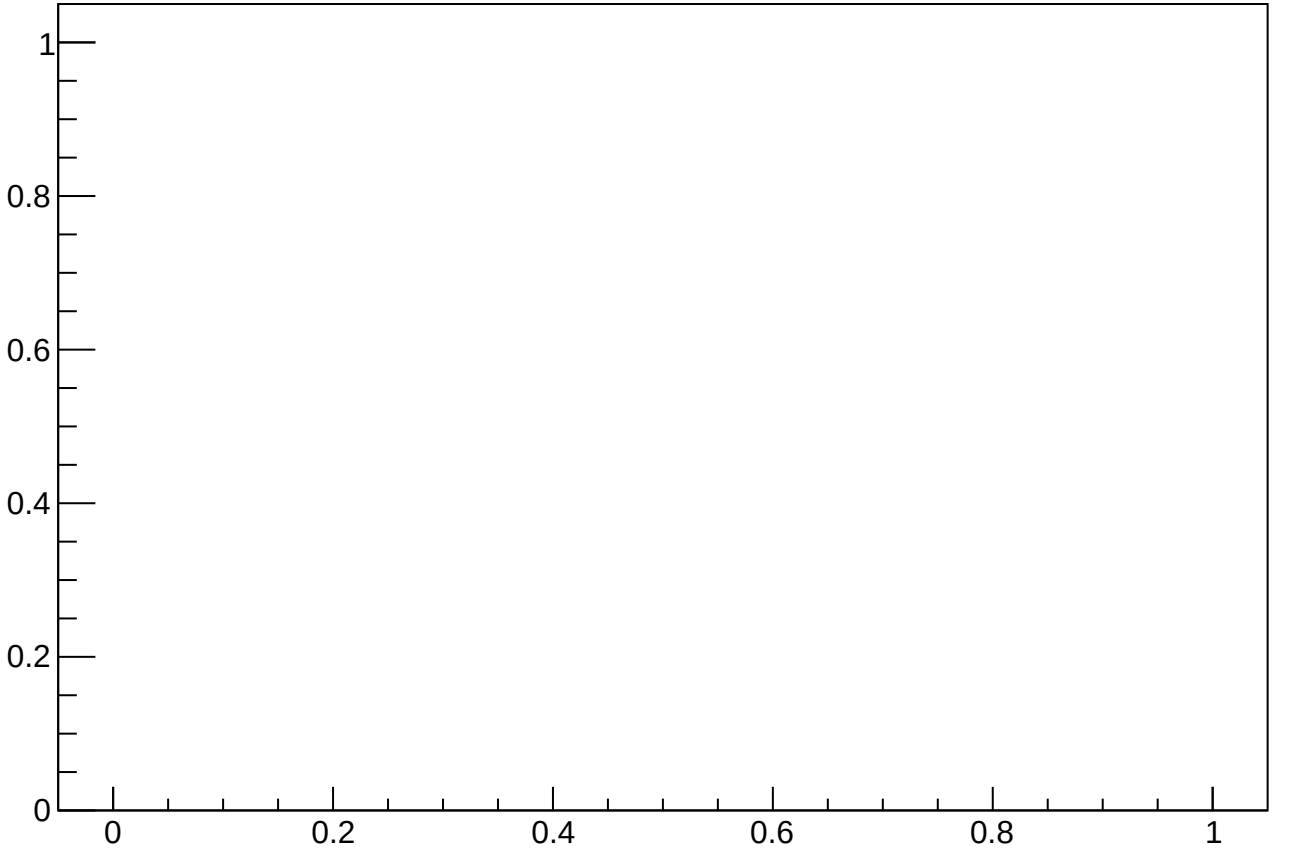
dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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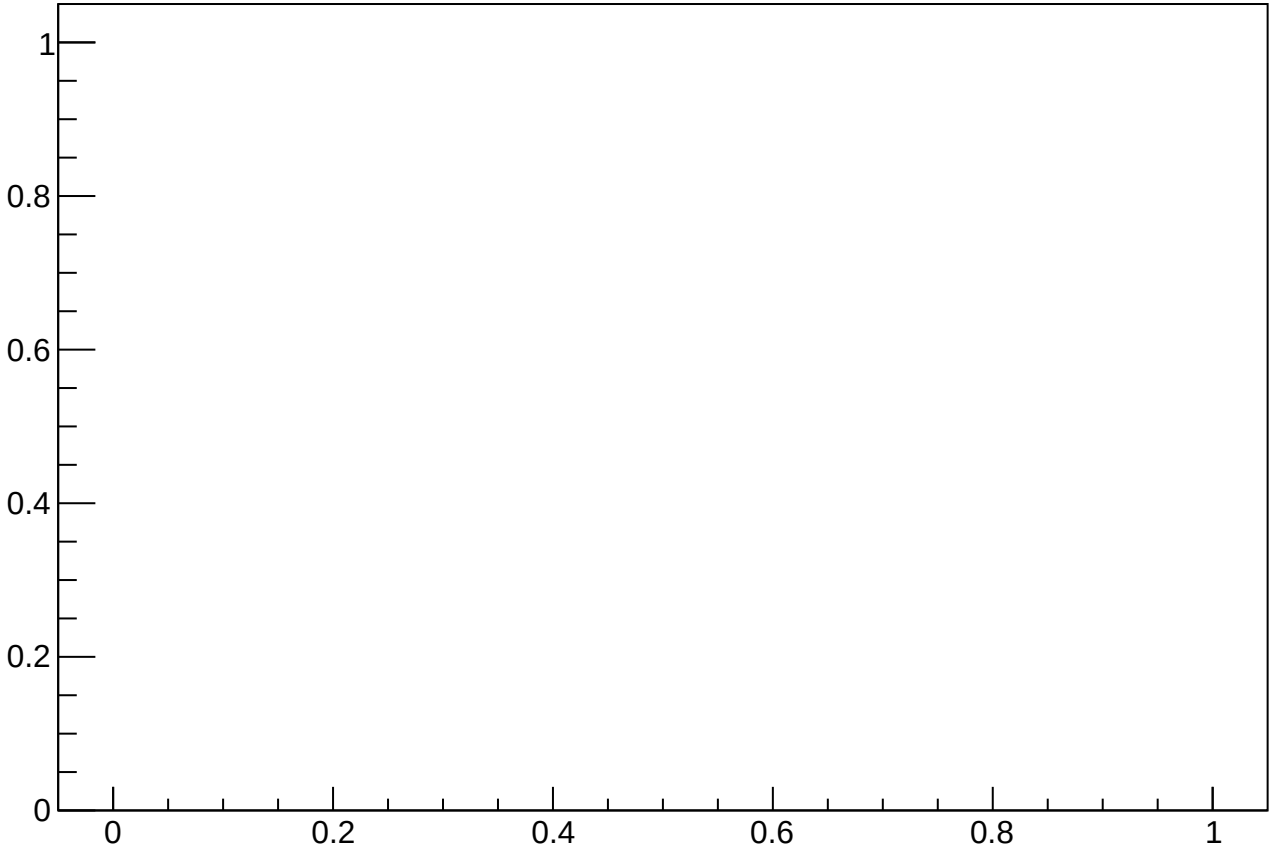
dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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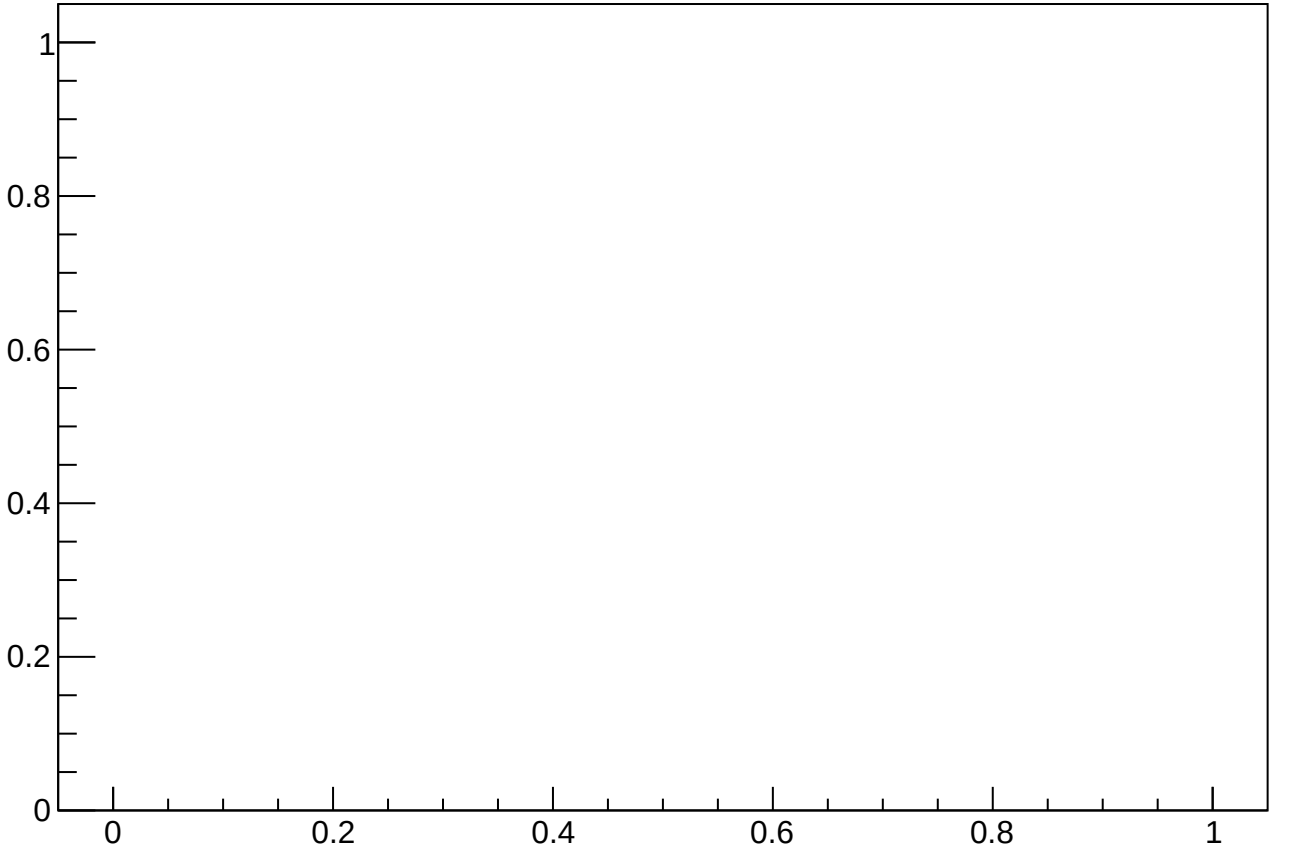
dit_atr2_coil6_mean vs Slug, Sign Corrected



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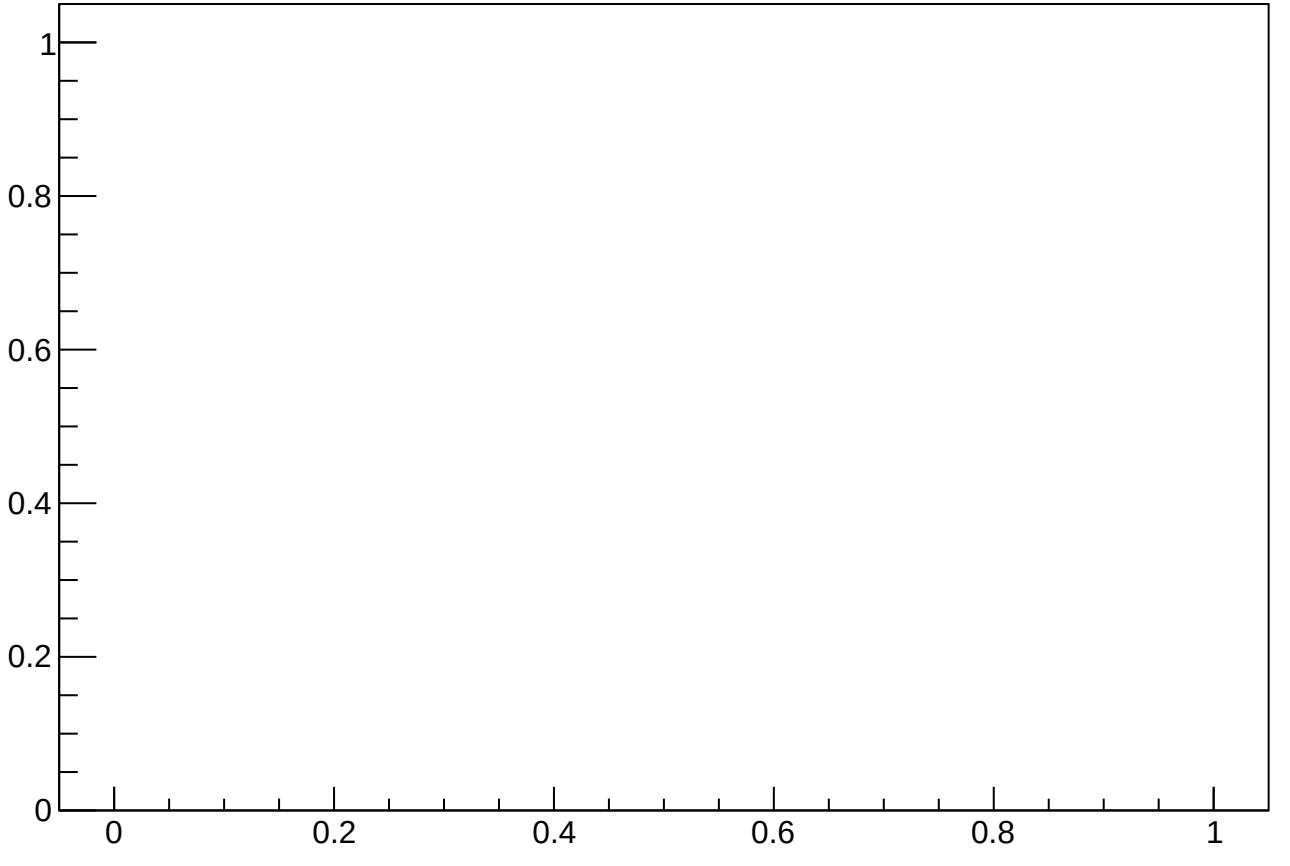
dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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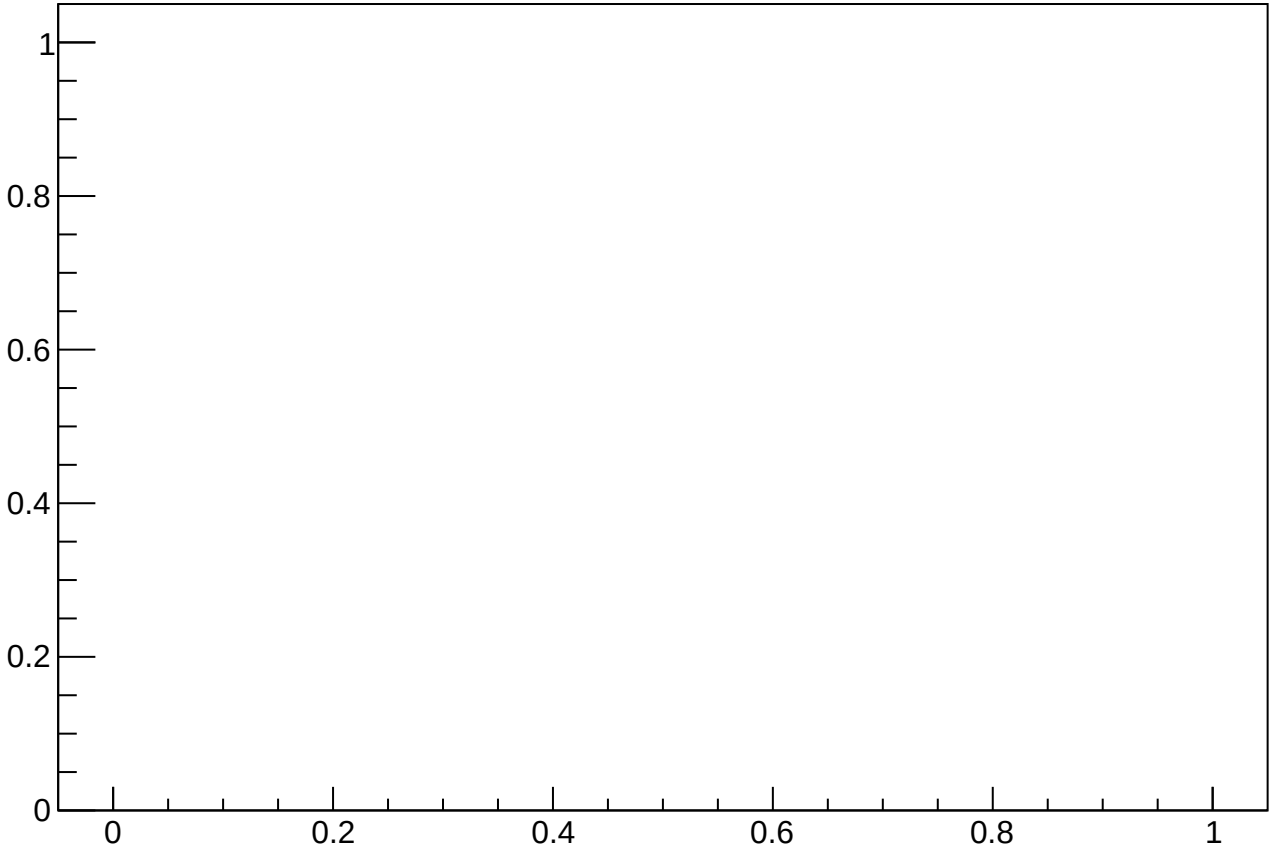
dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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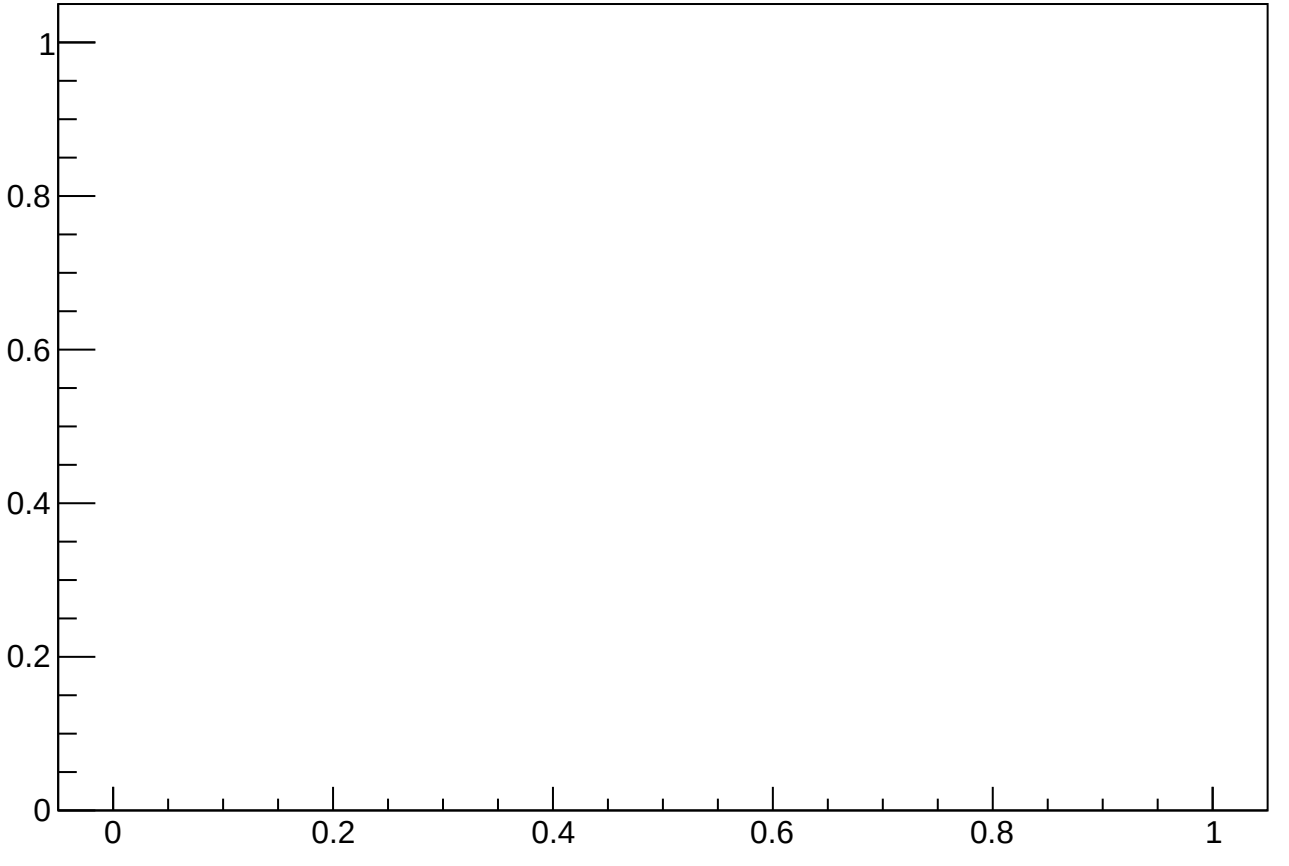
dit_sam1_coil6_mean vs Slug, Sign Corrected



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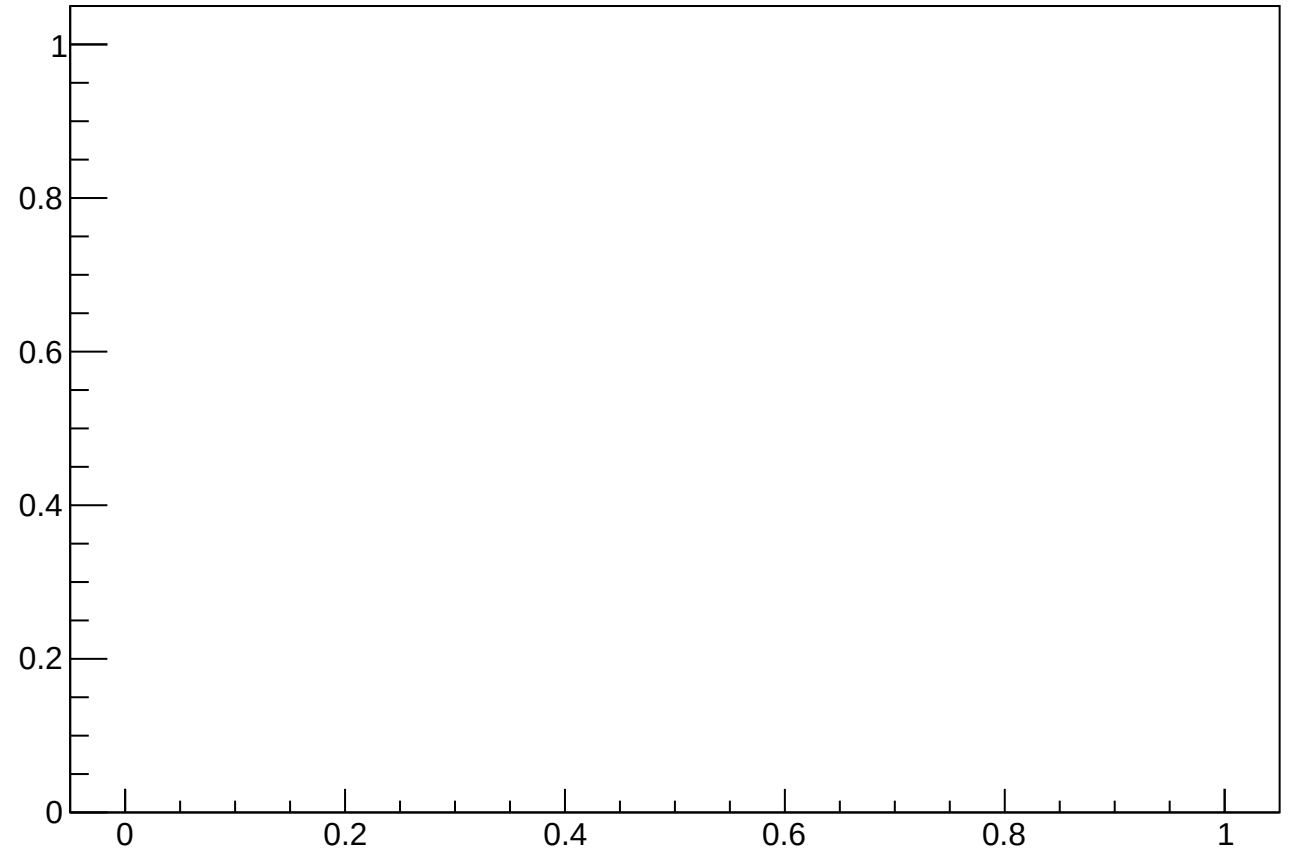

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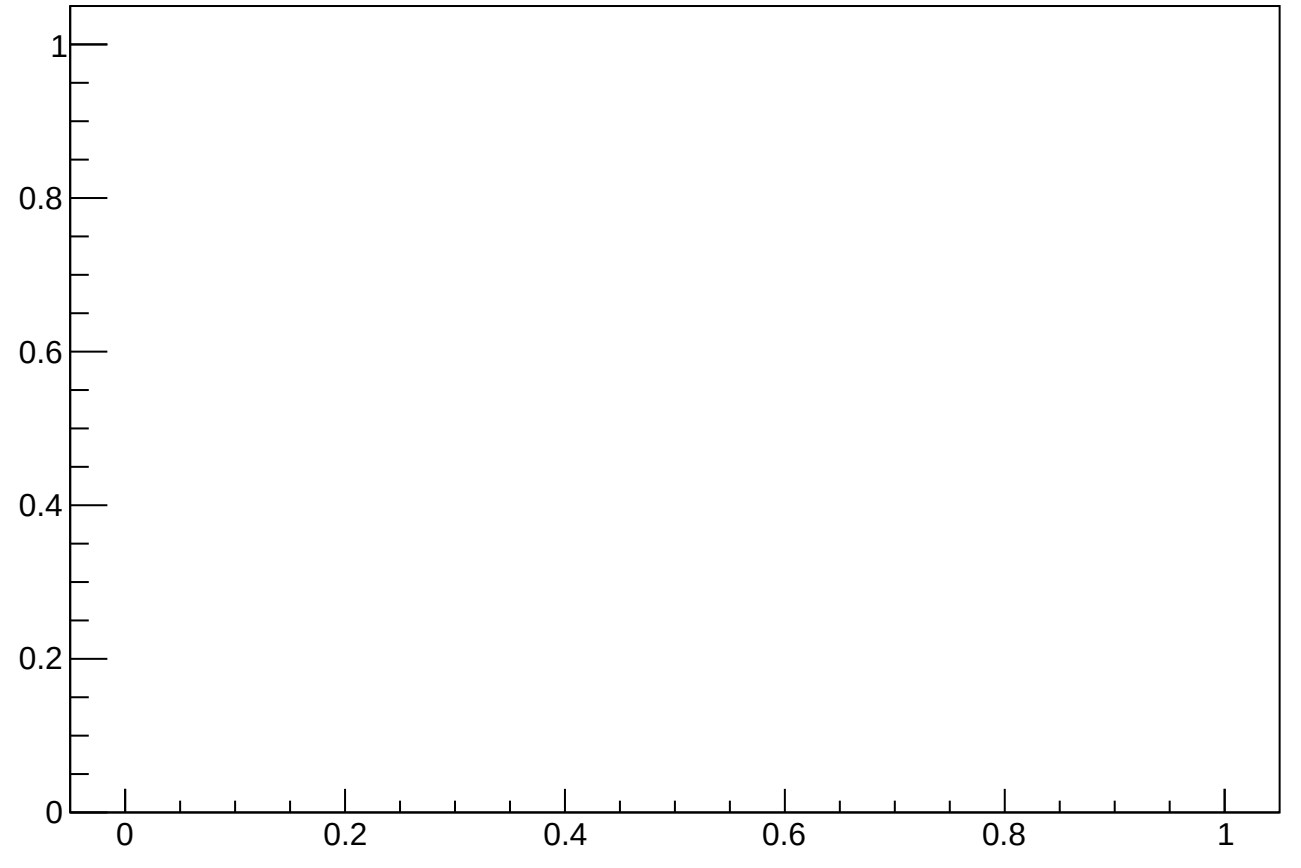

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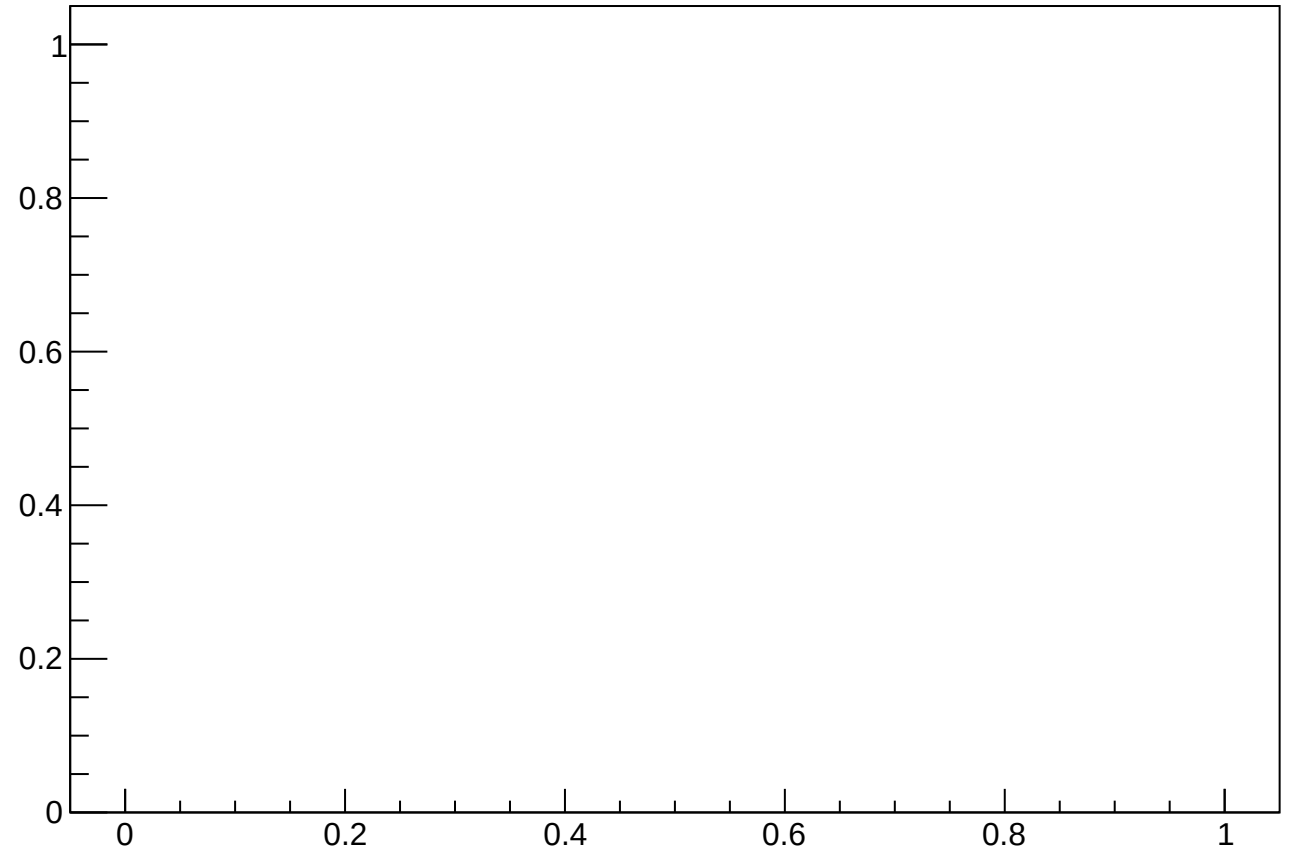

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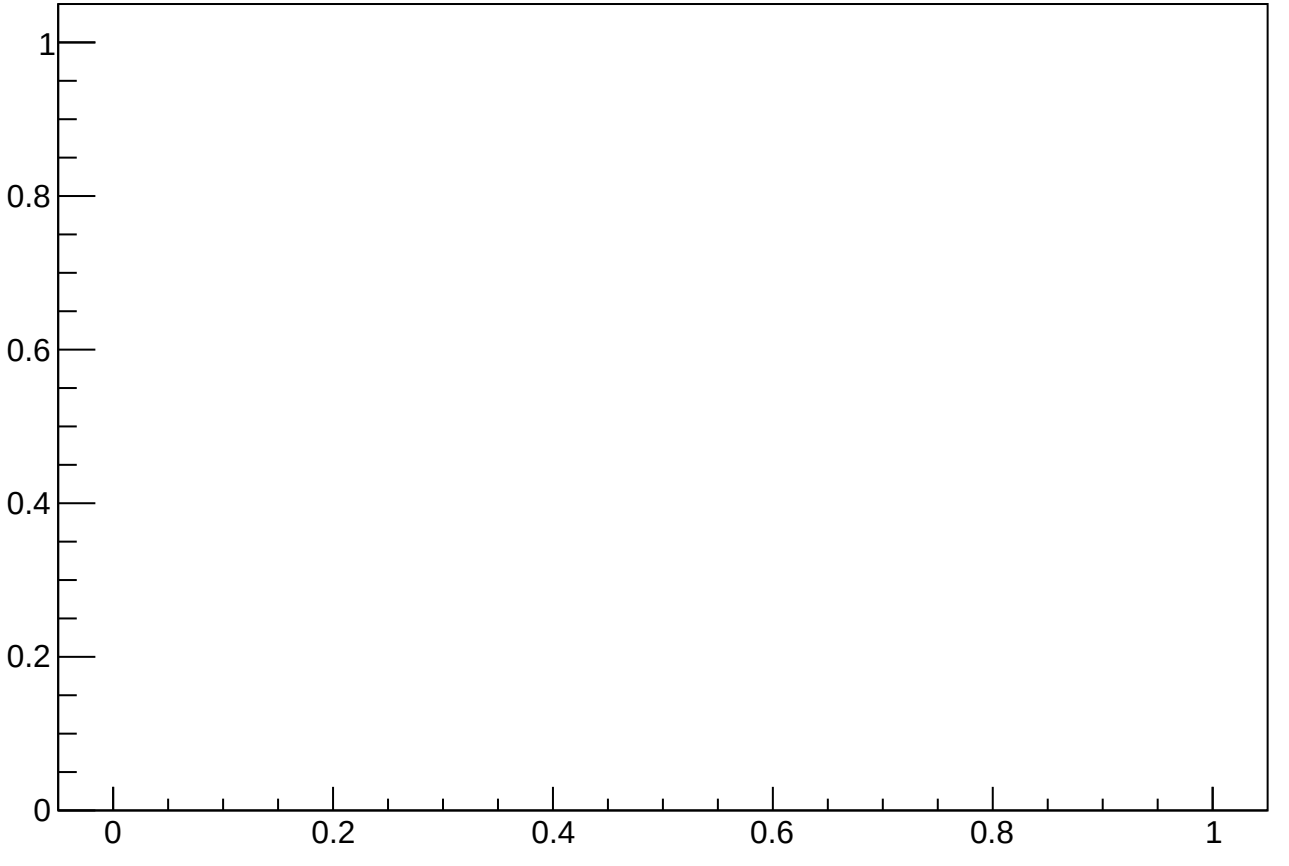
dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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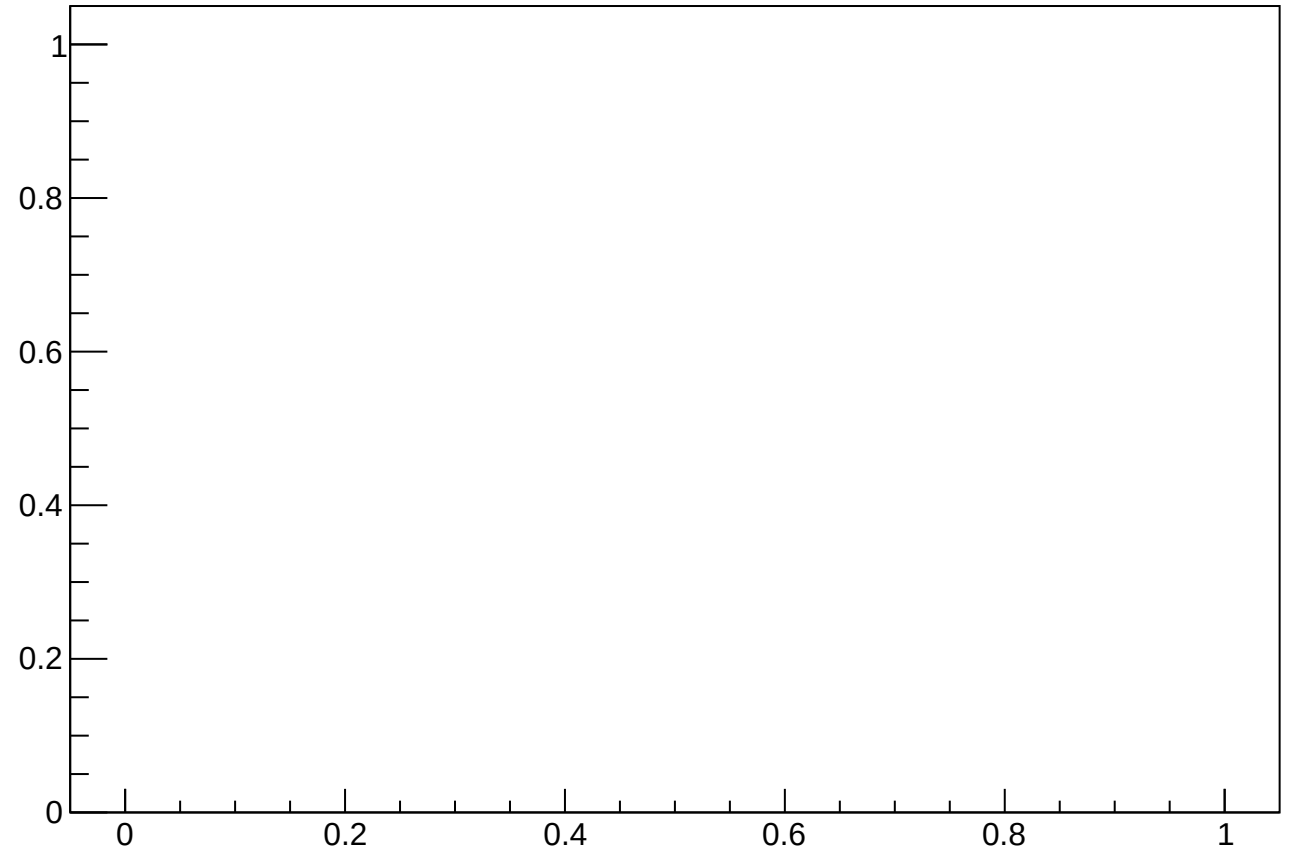

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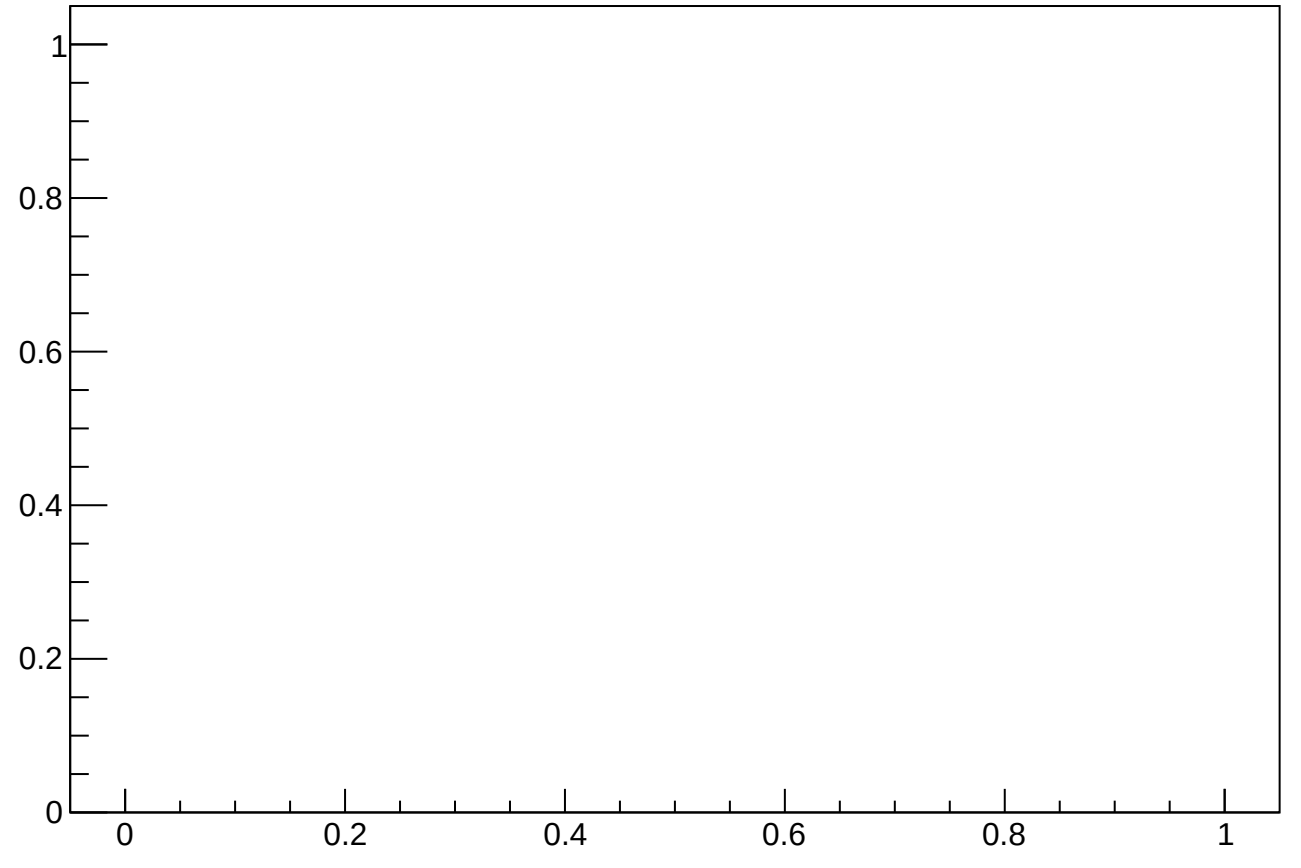

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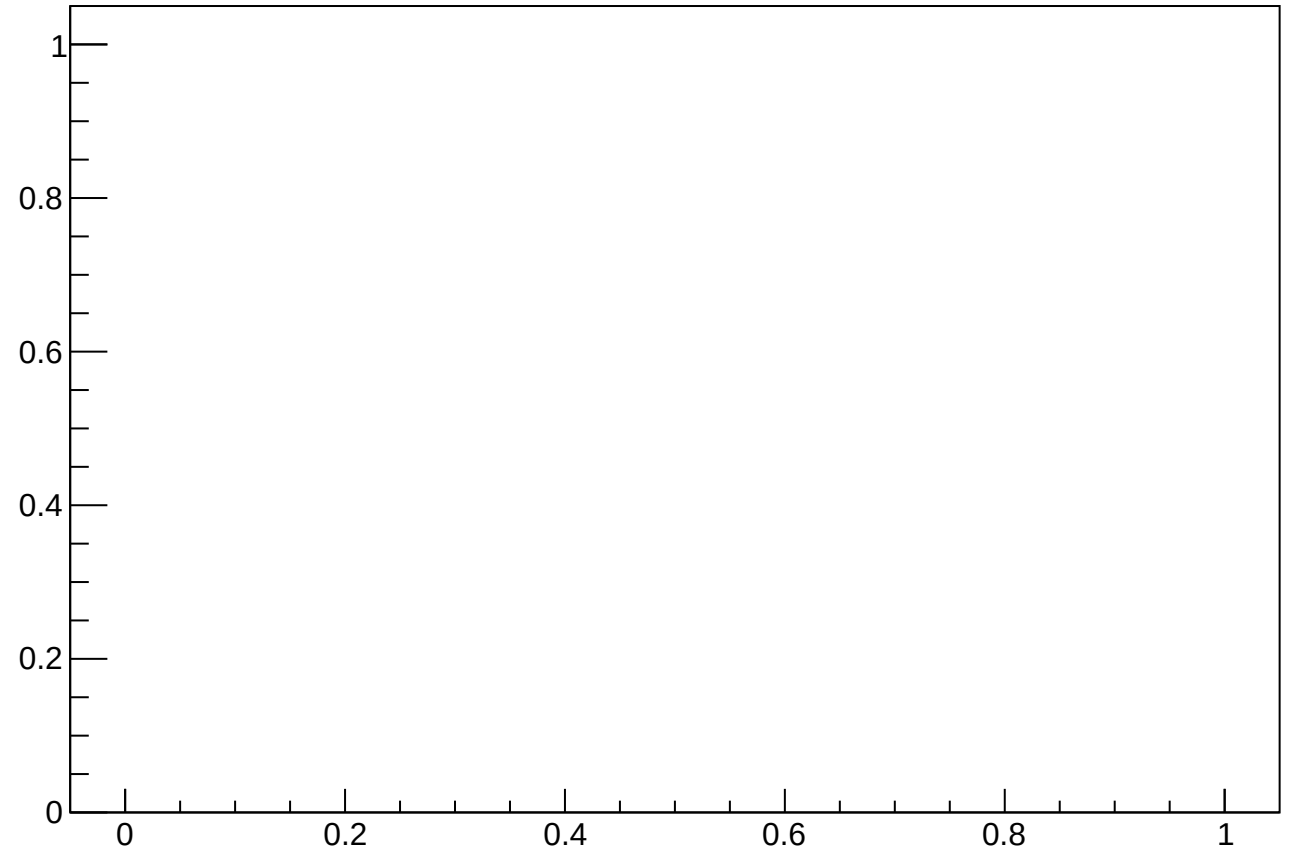

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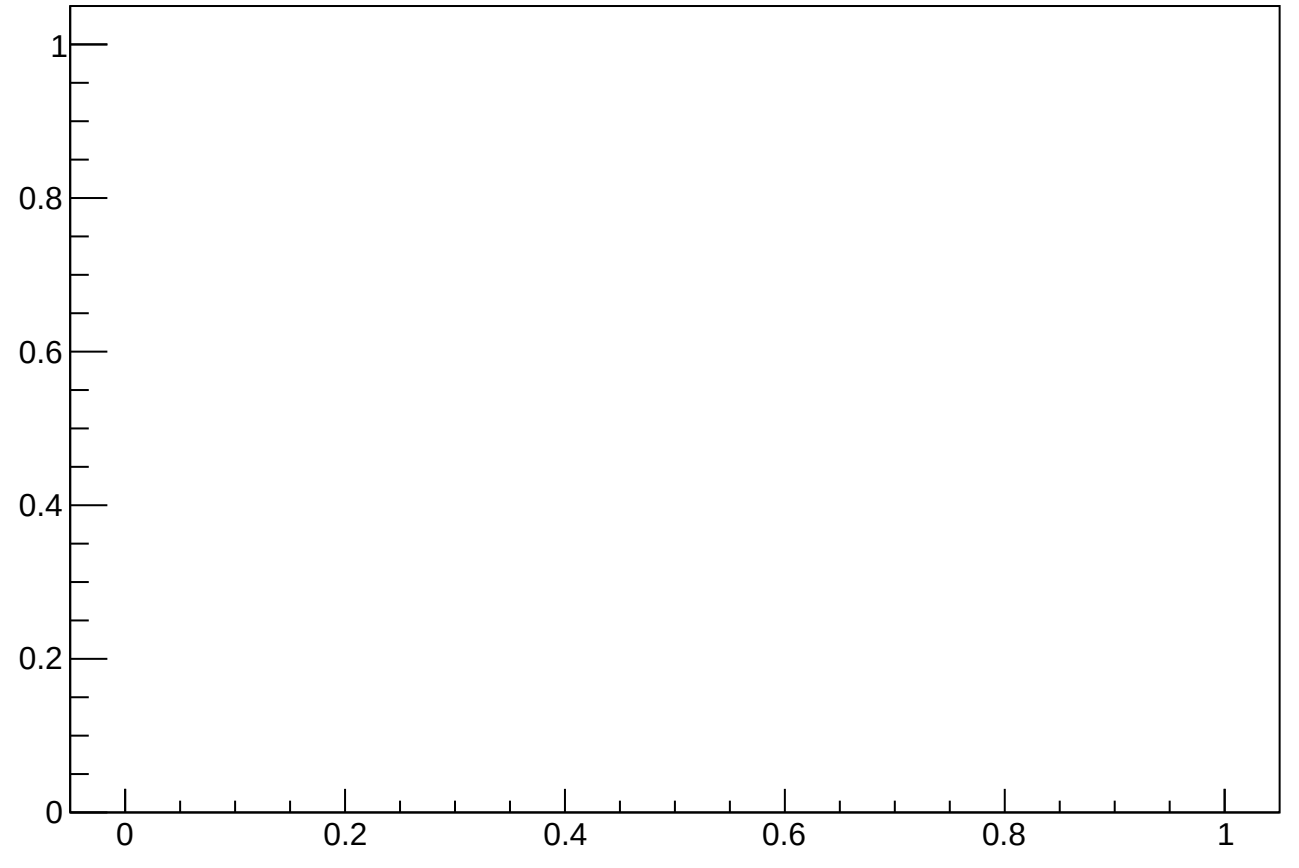

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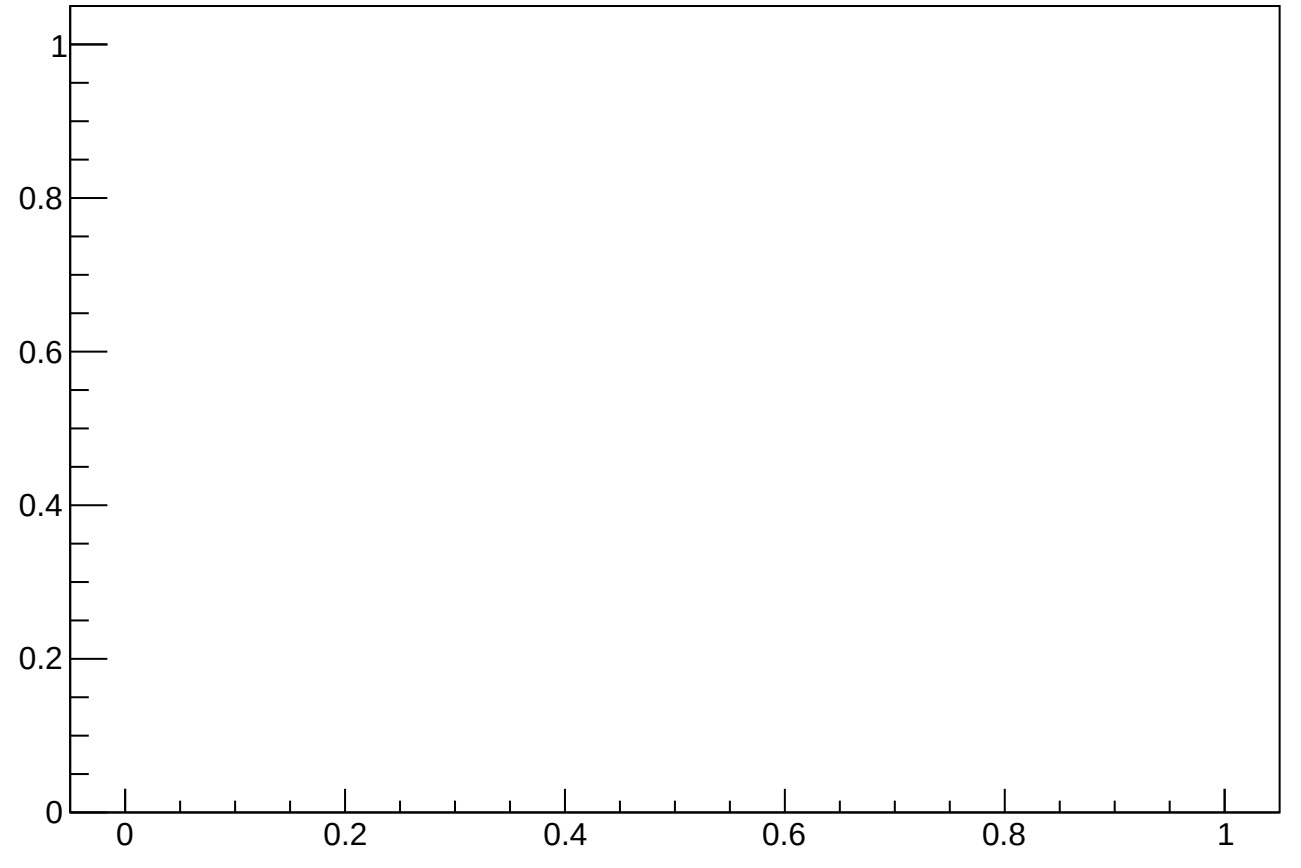

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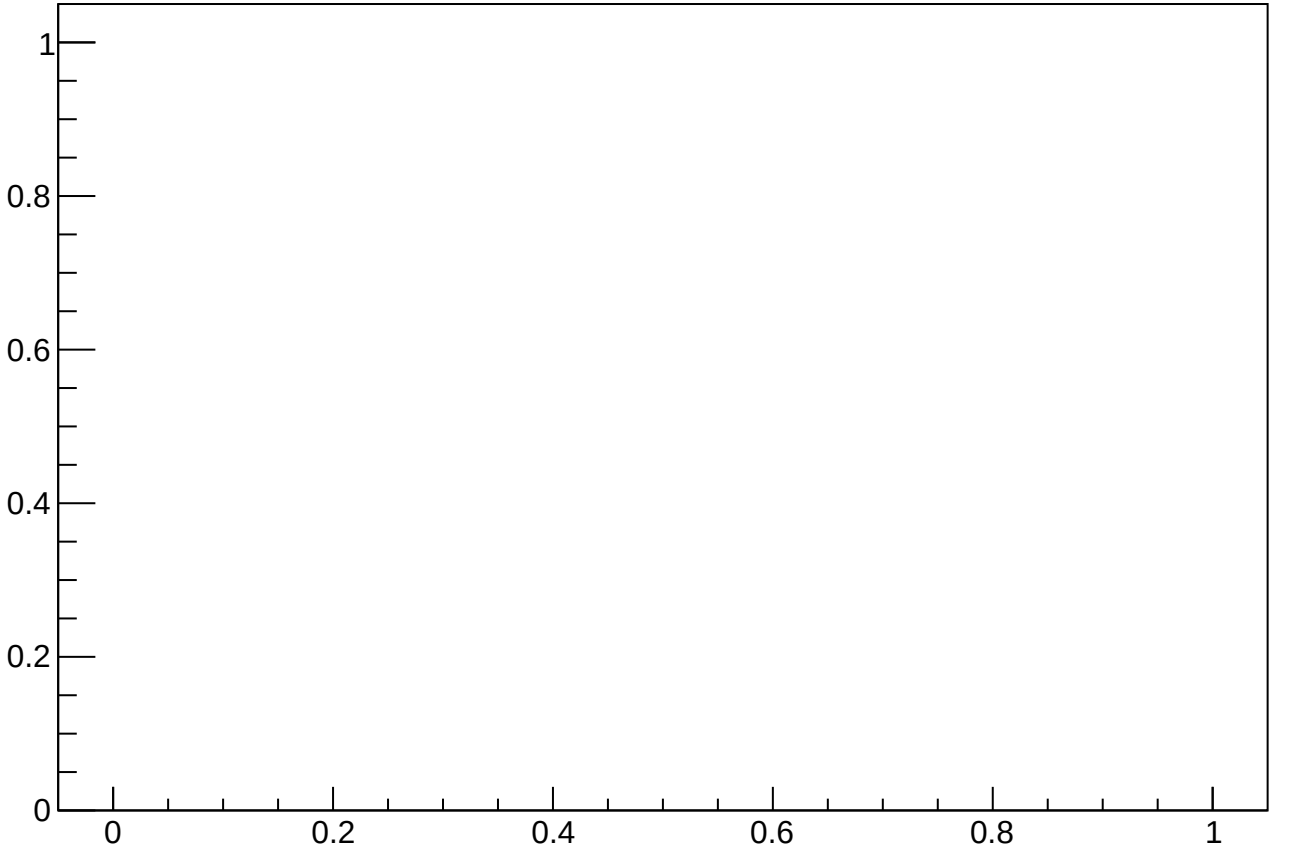
dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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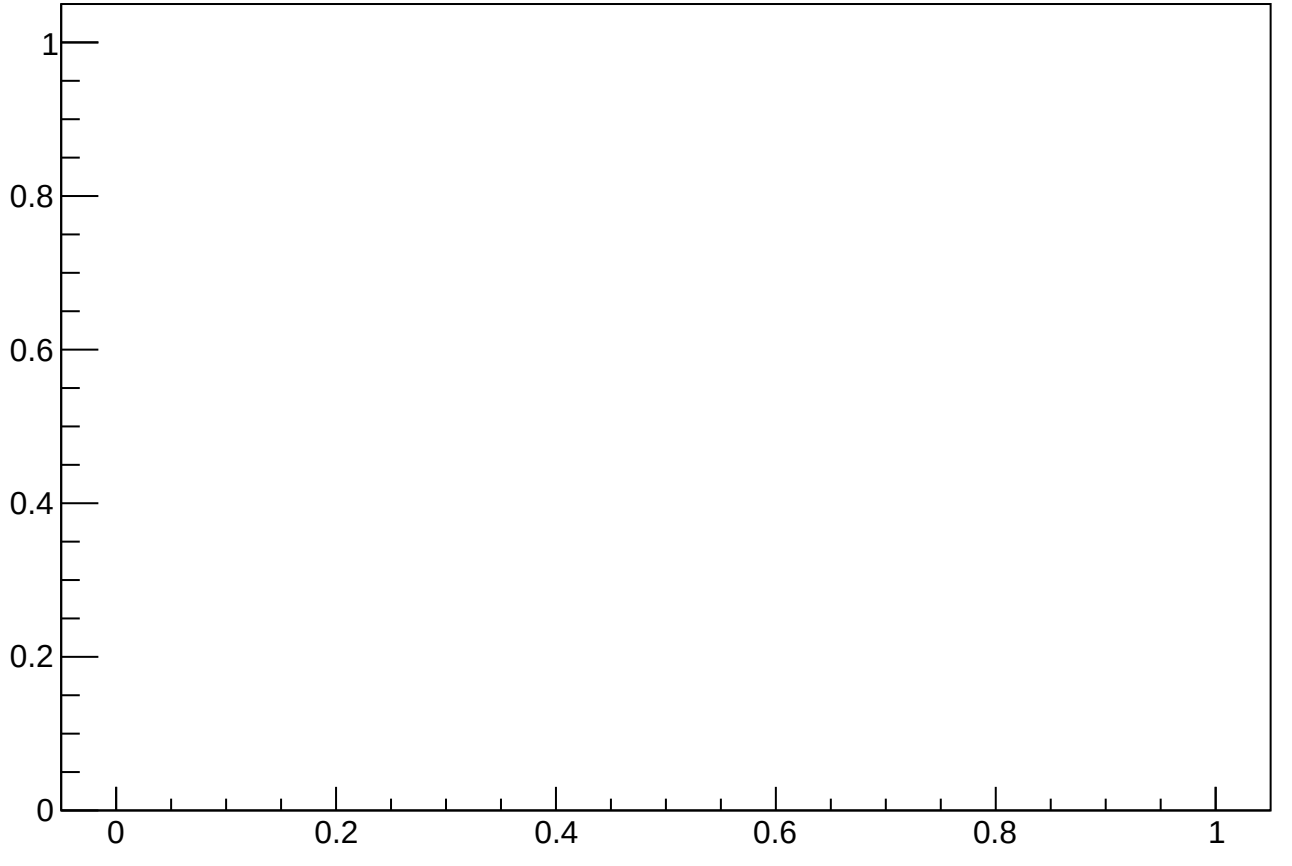
dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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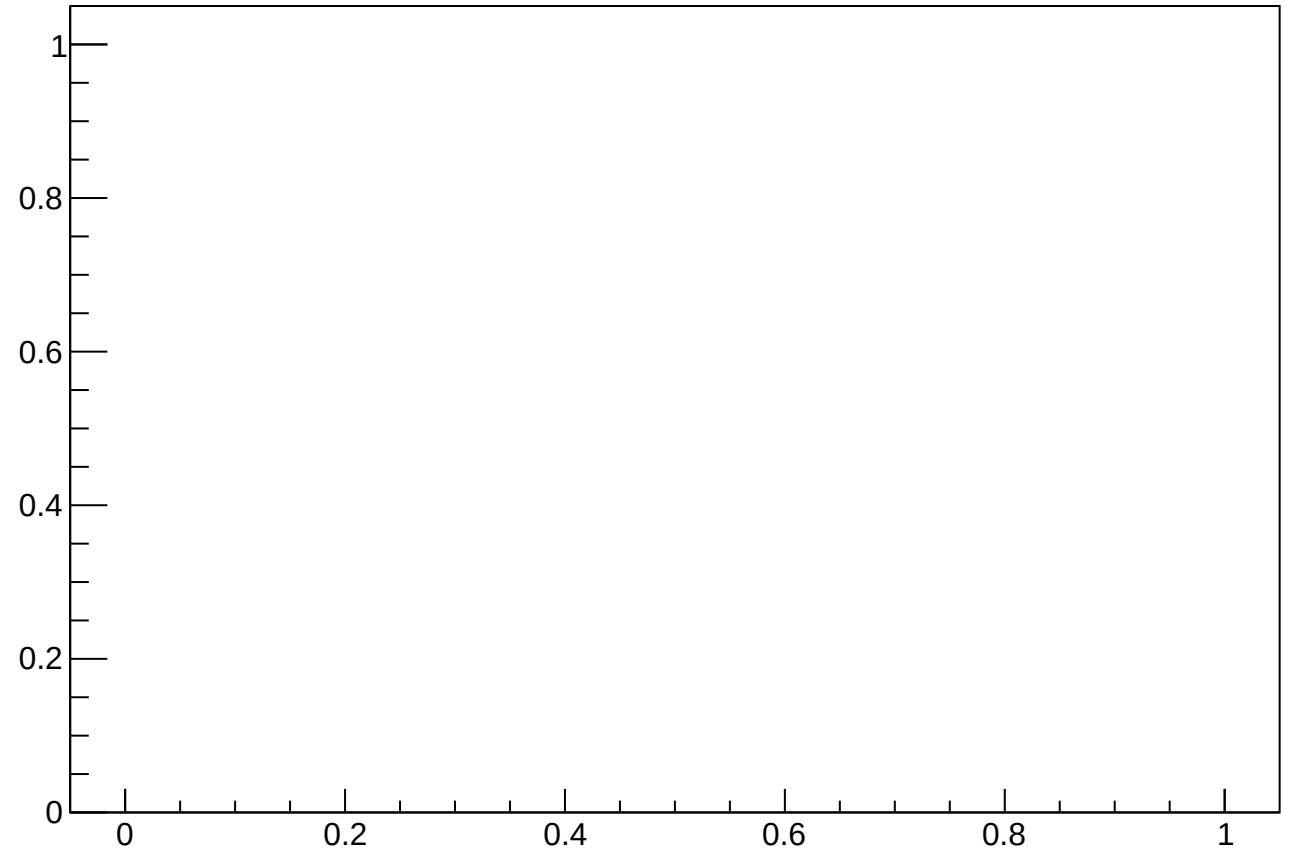

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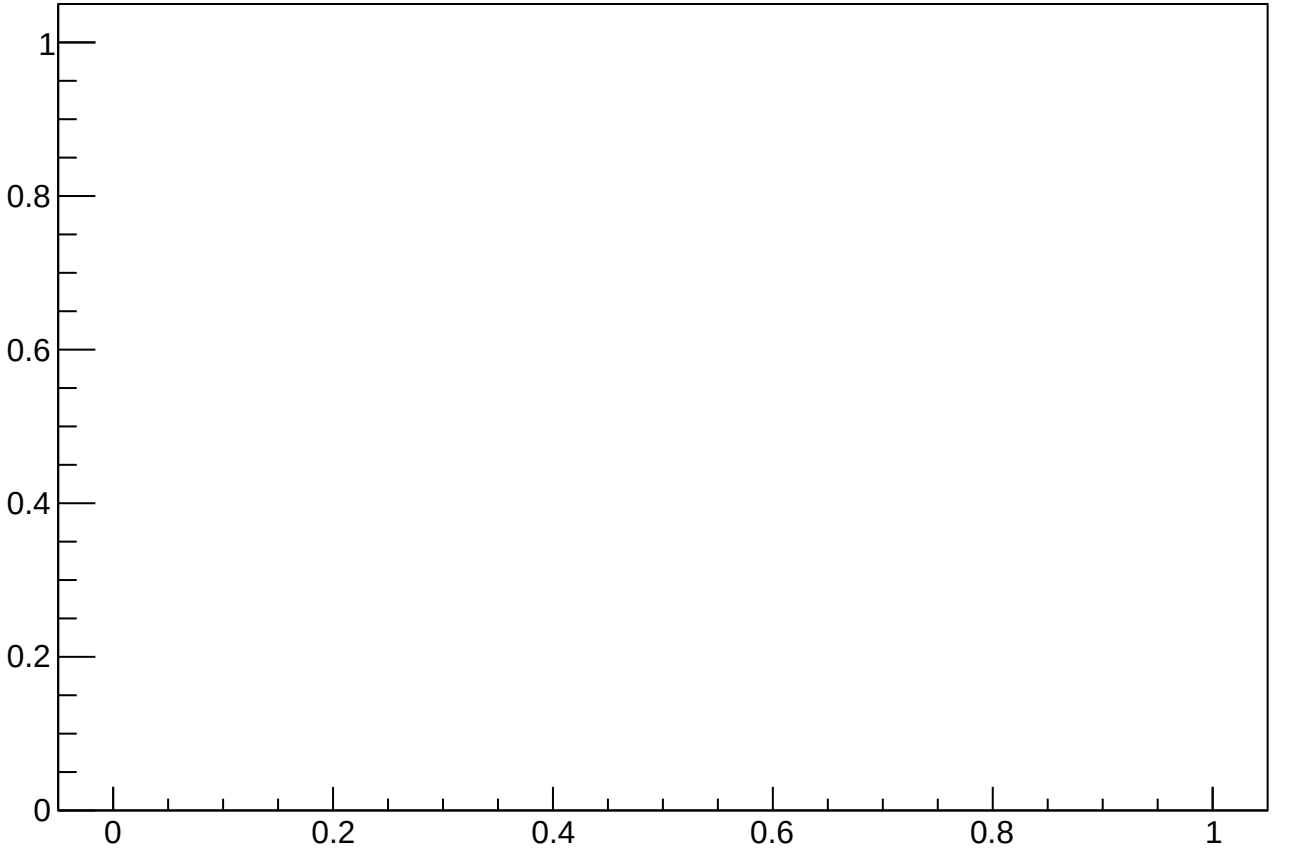
dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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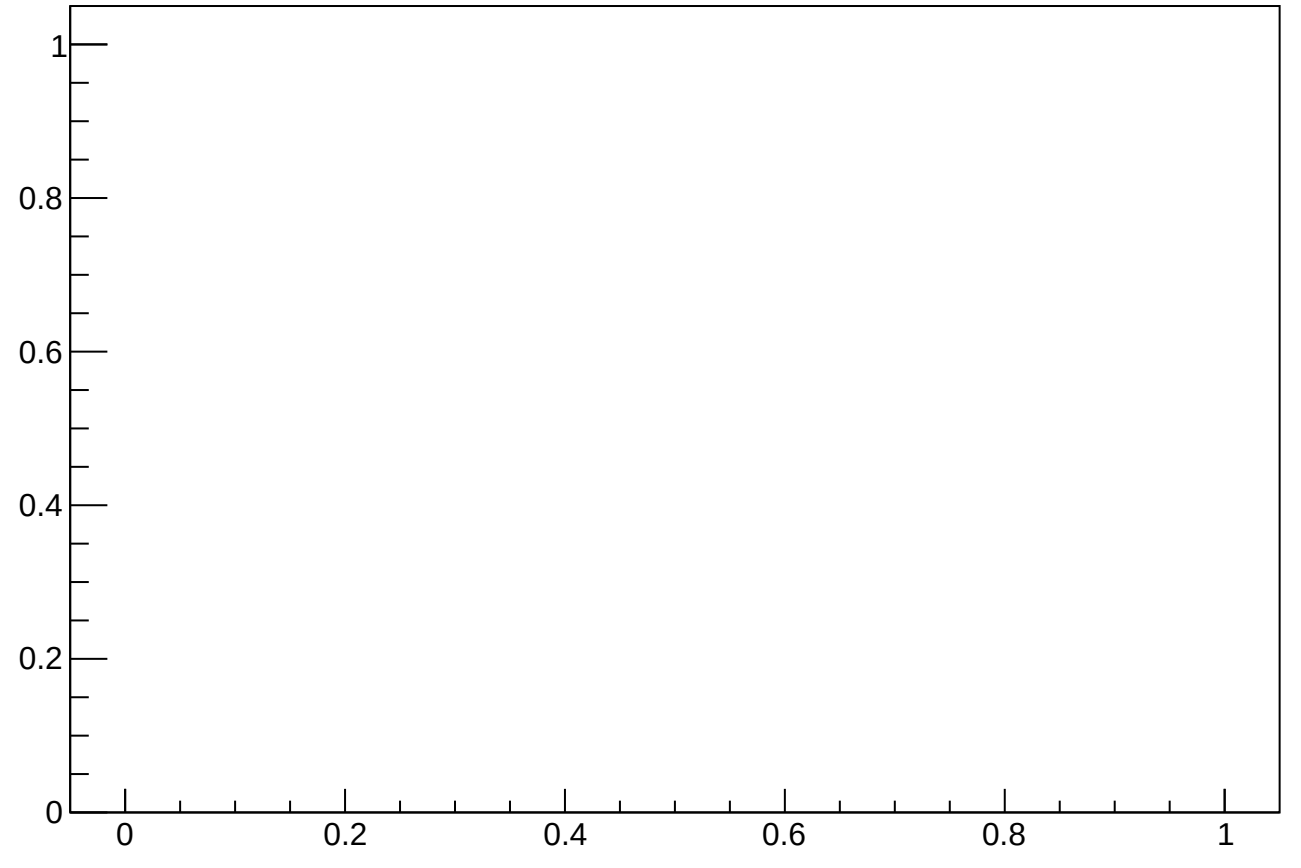

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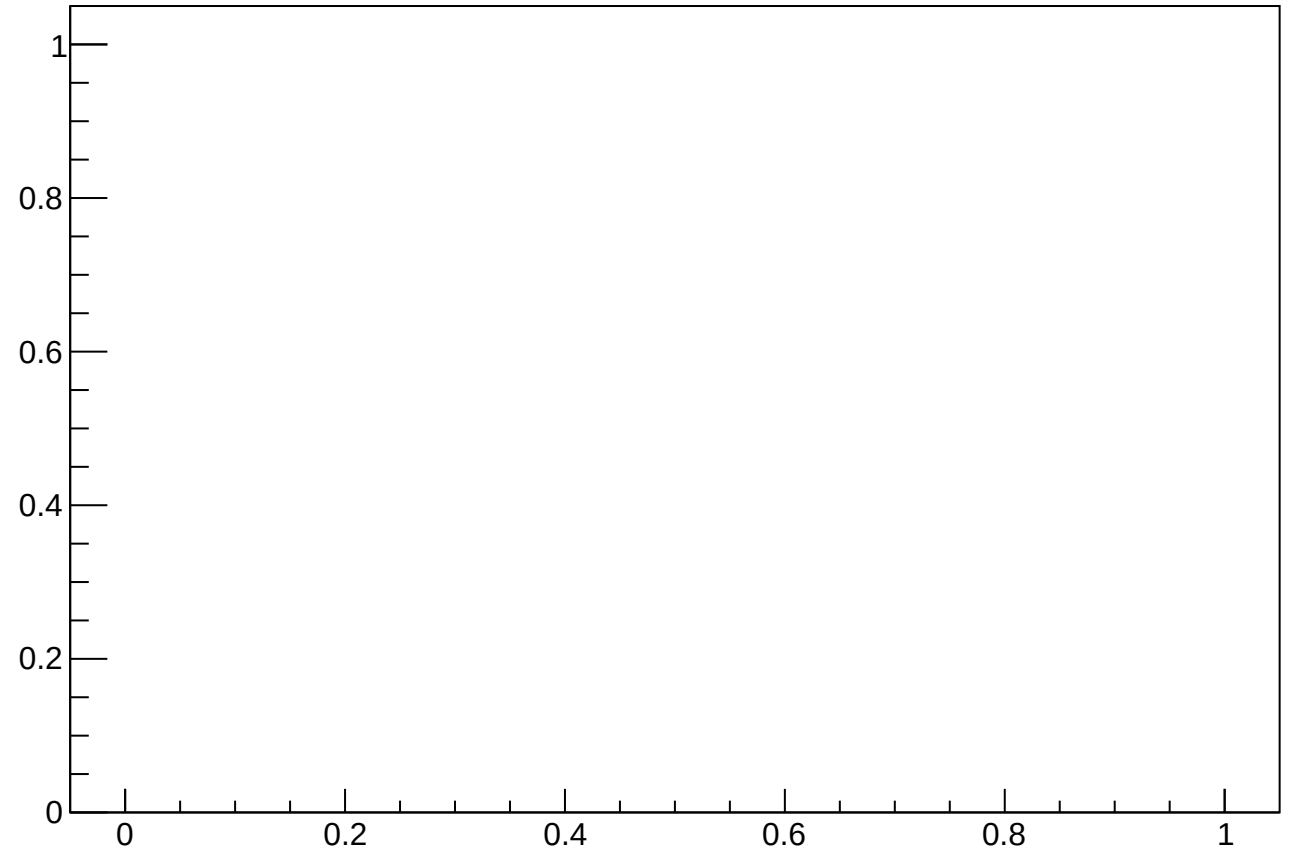

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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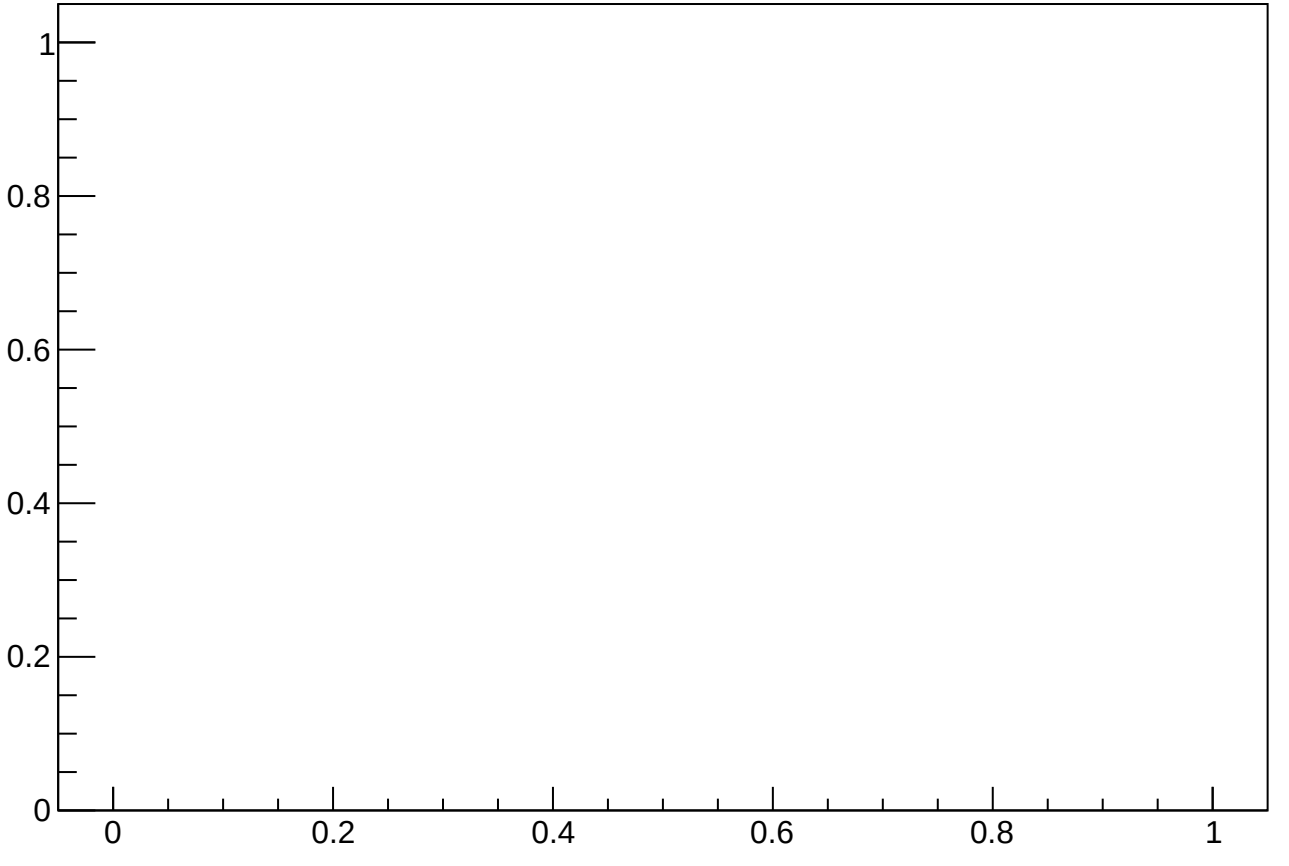
dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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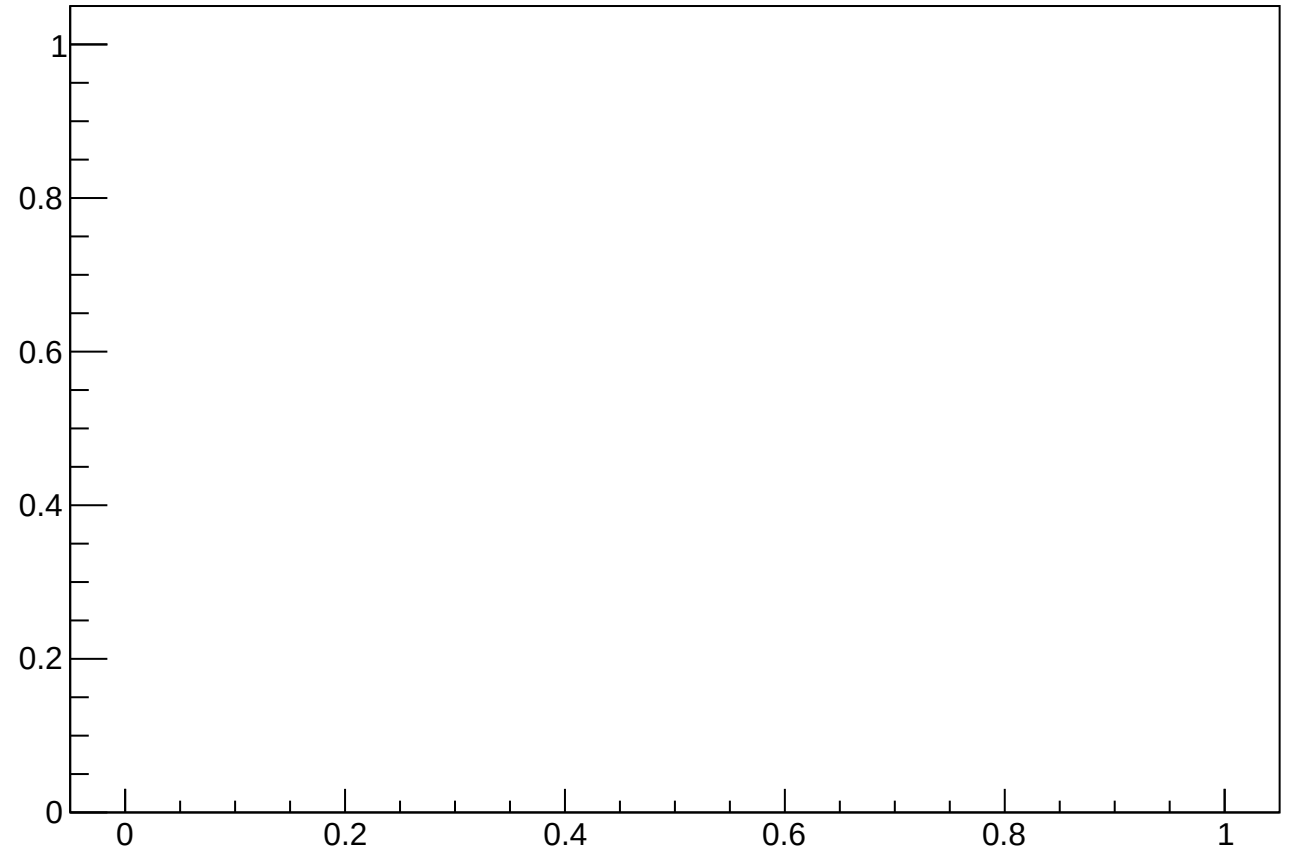

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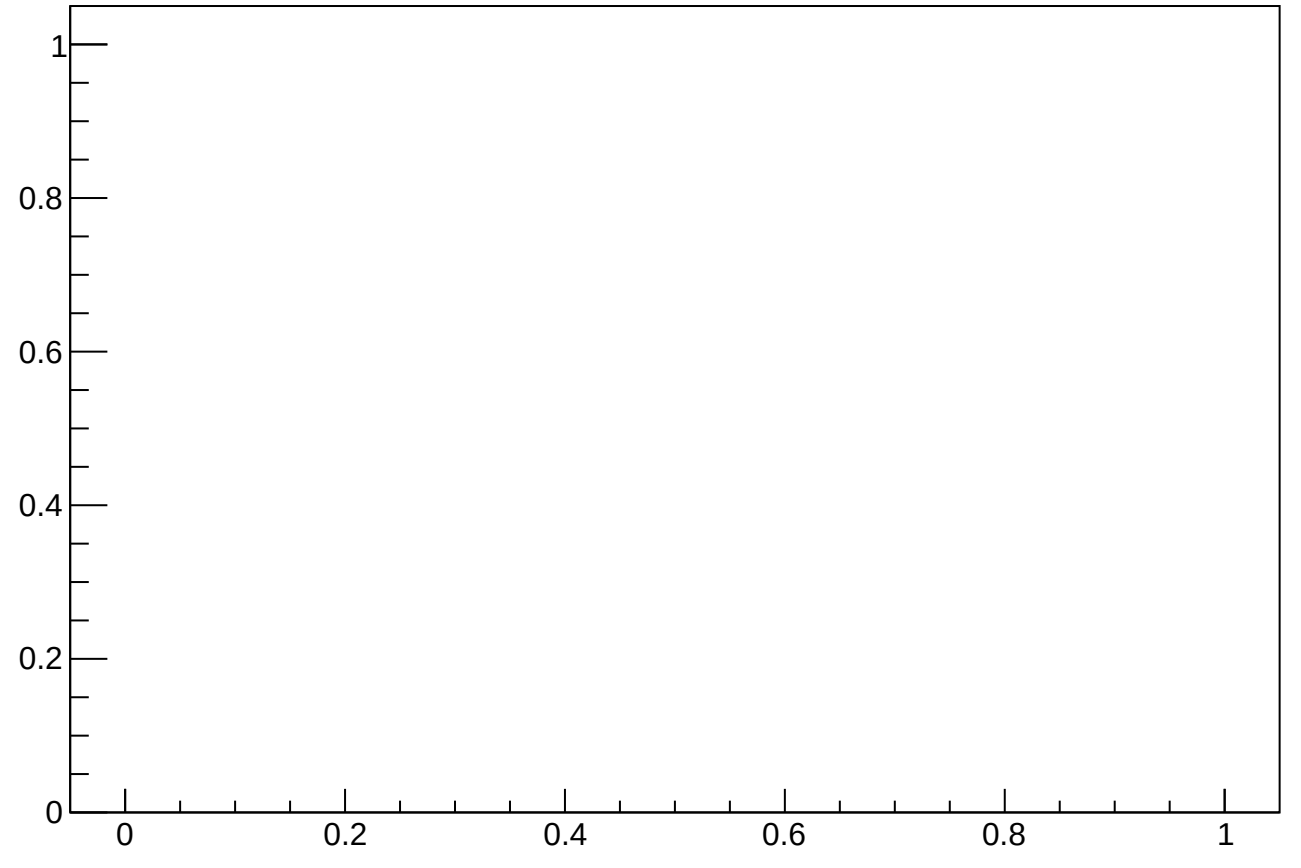

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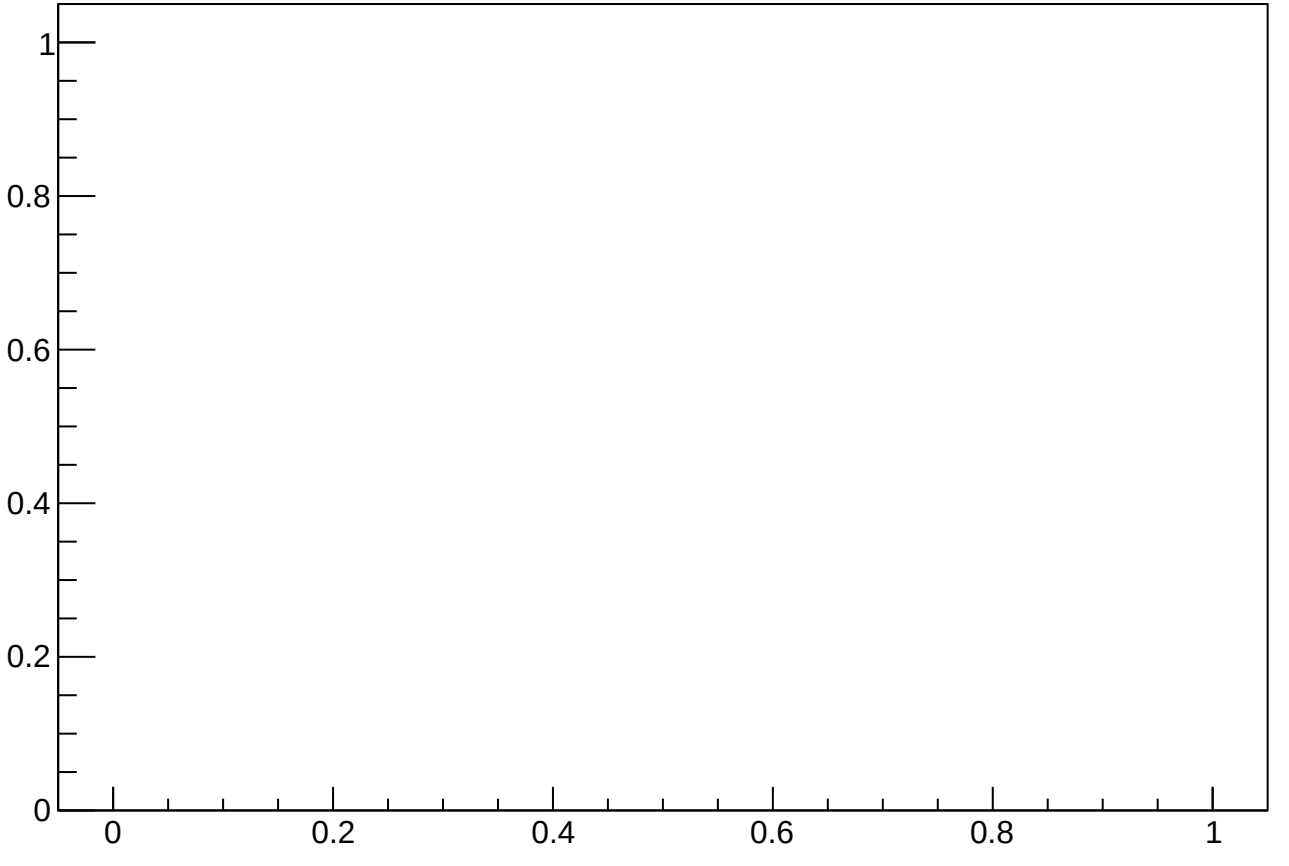
dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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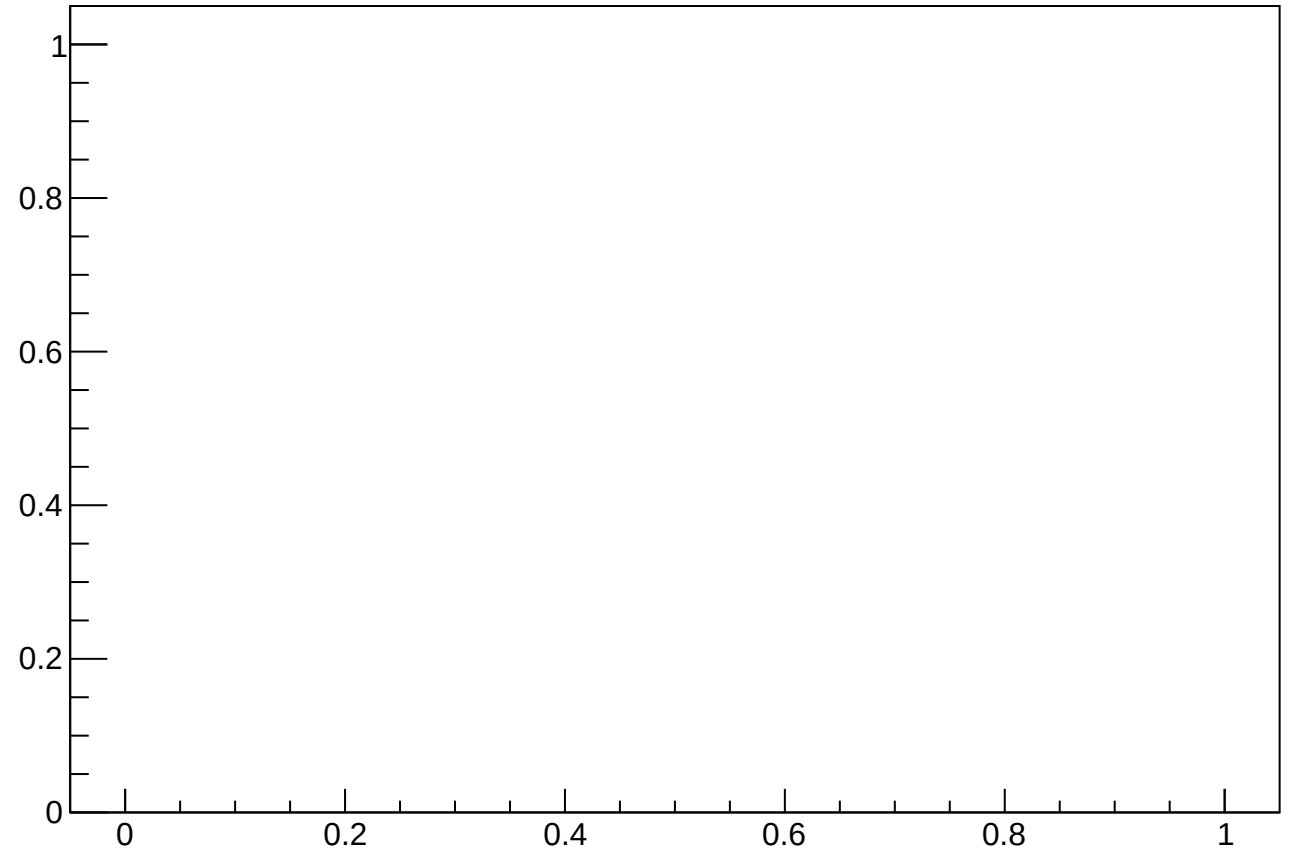

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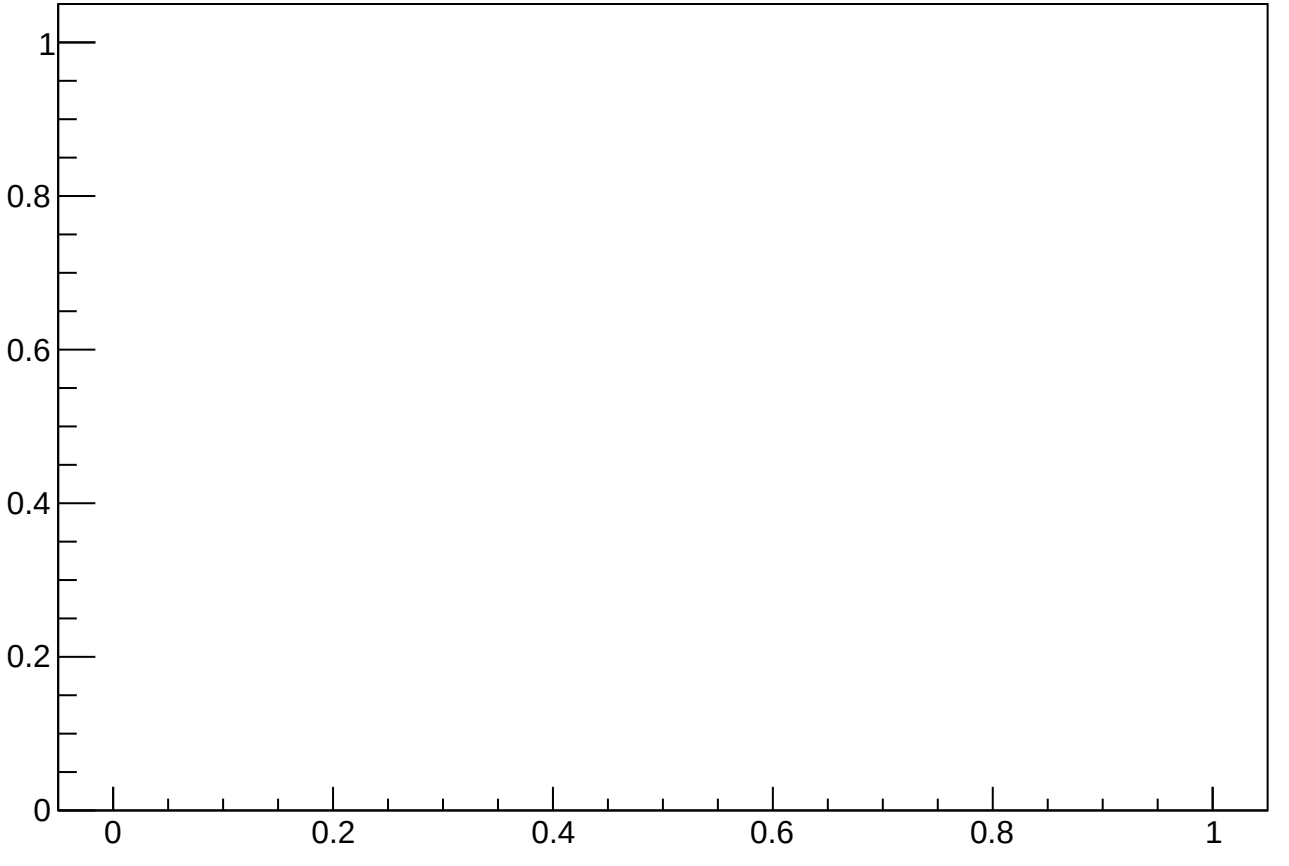
dit_sam8_coil6_mean vs Slug, Sign Corrected



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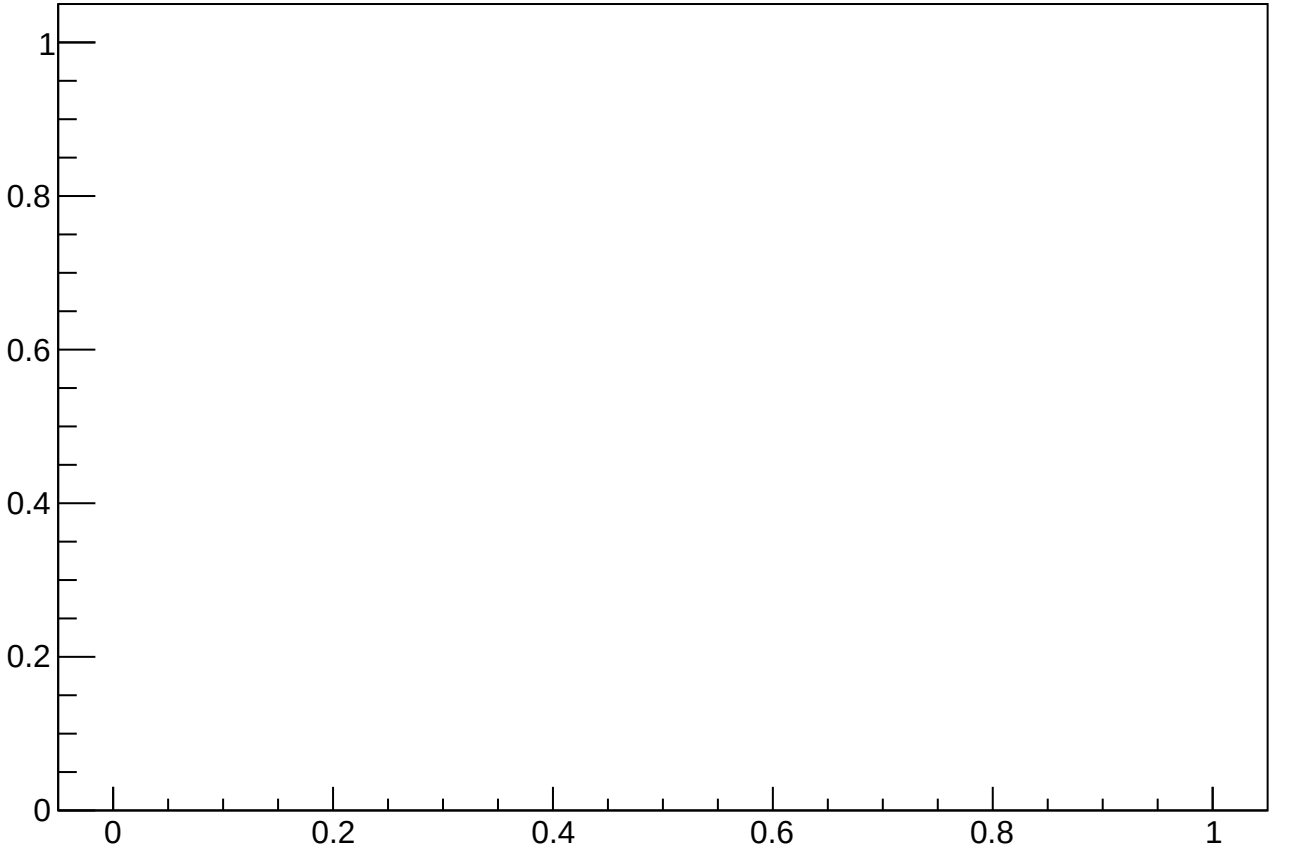
dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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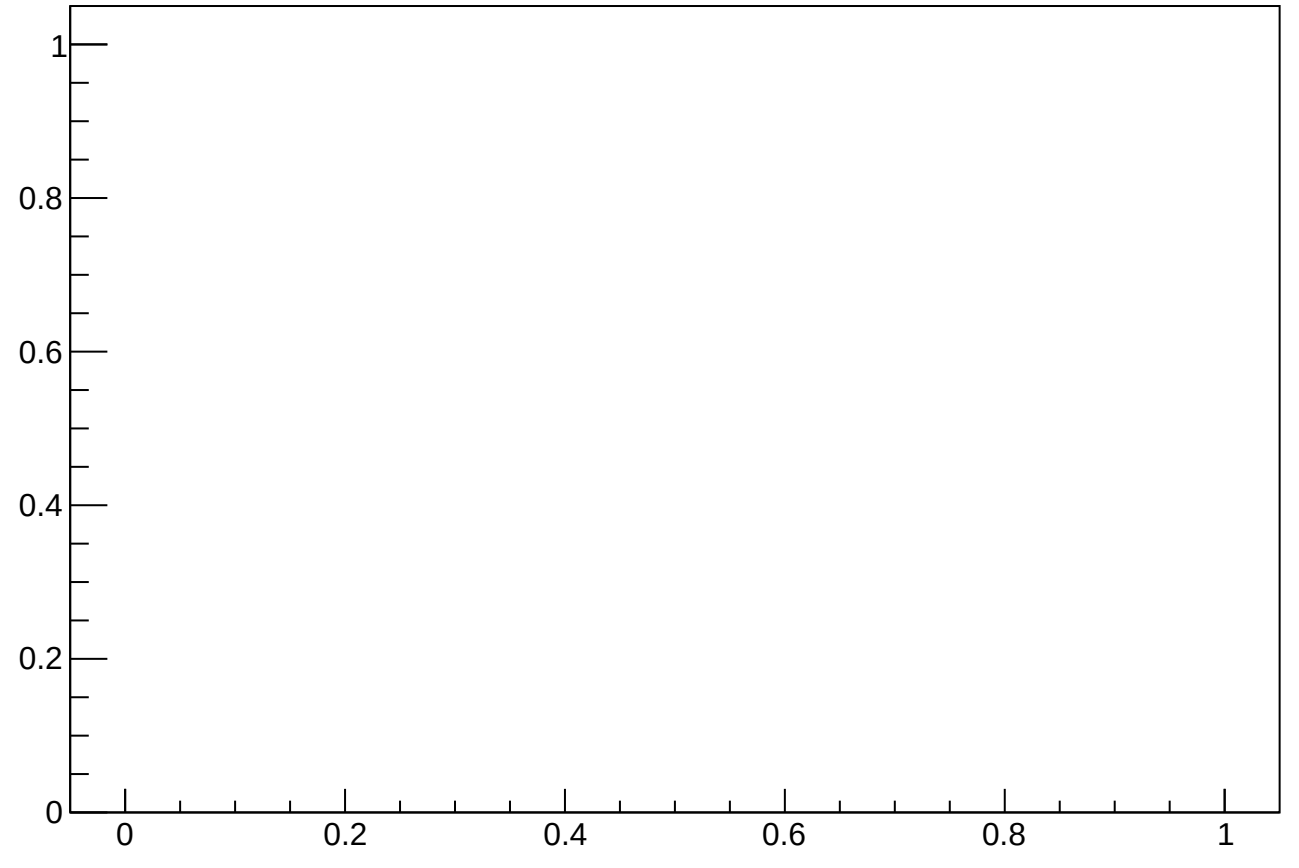

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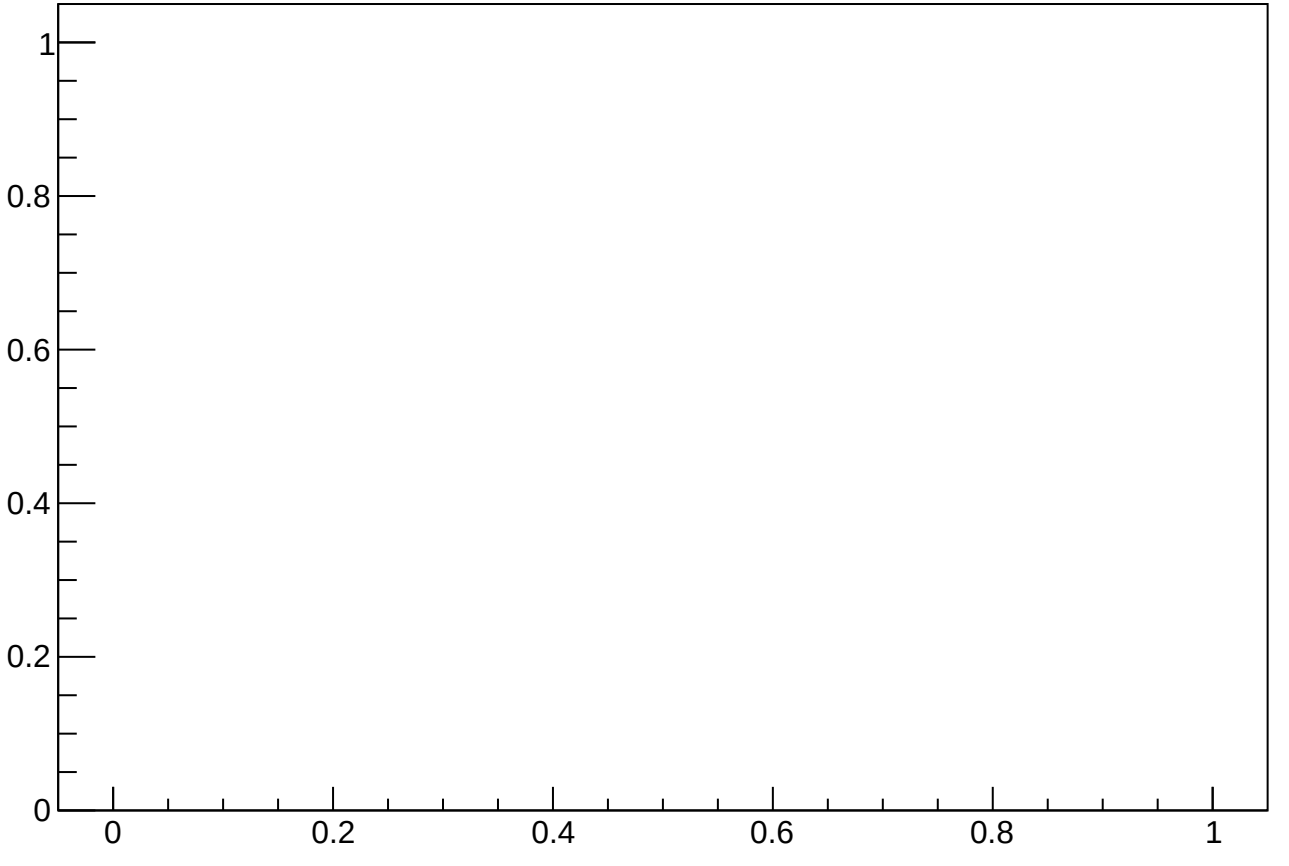
dit_run_mean vs Slug, Sign Corrected



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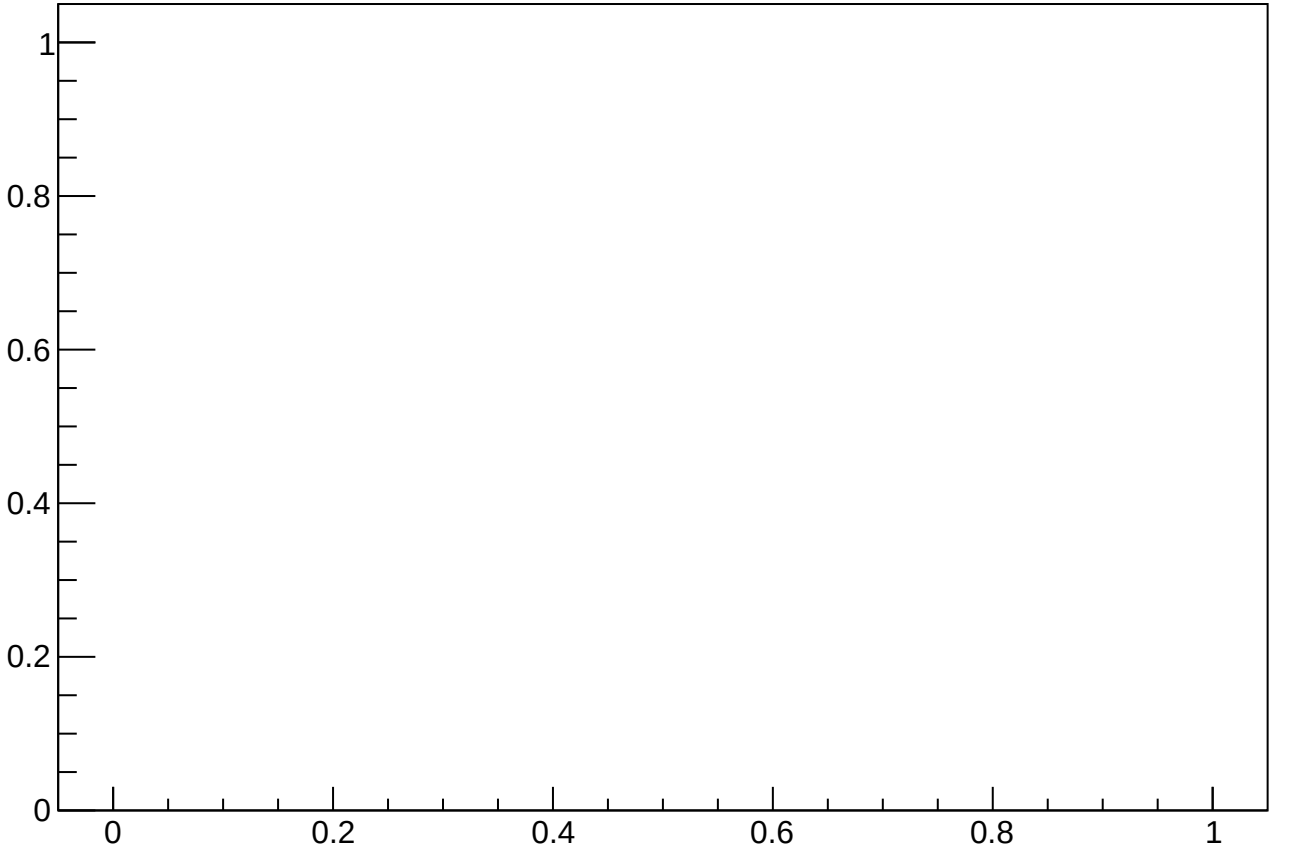
dit_run_rms vs Slug, Sign Corrected



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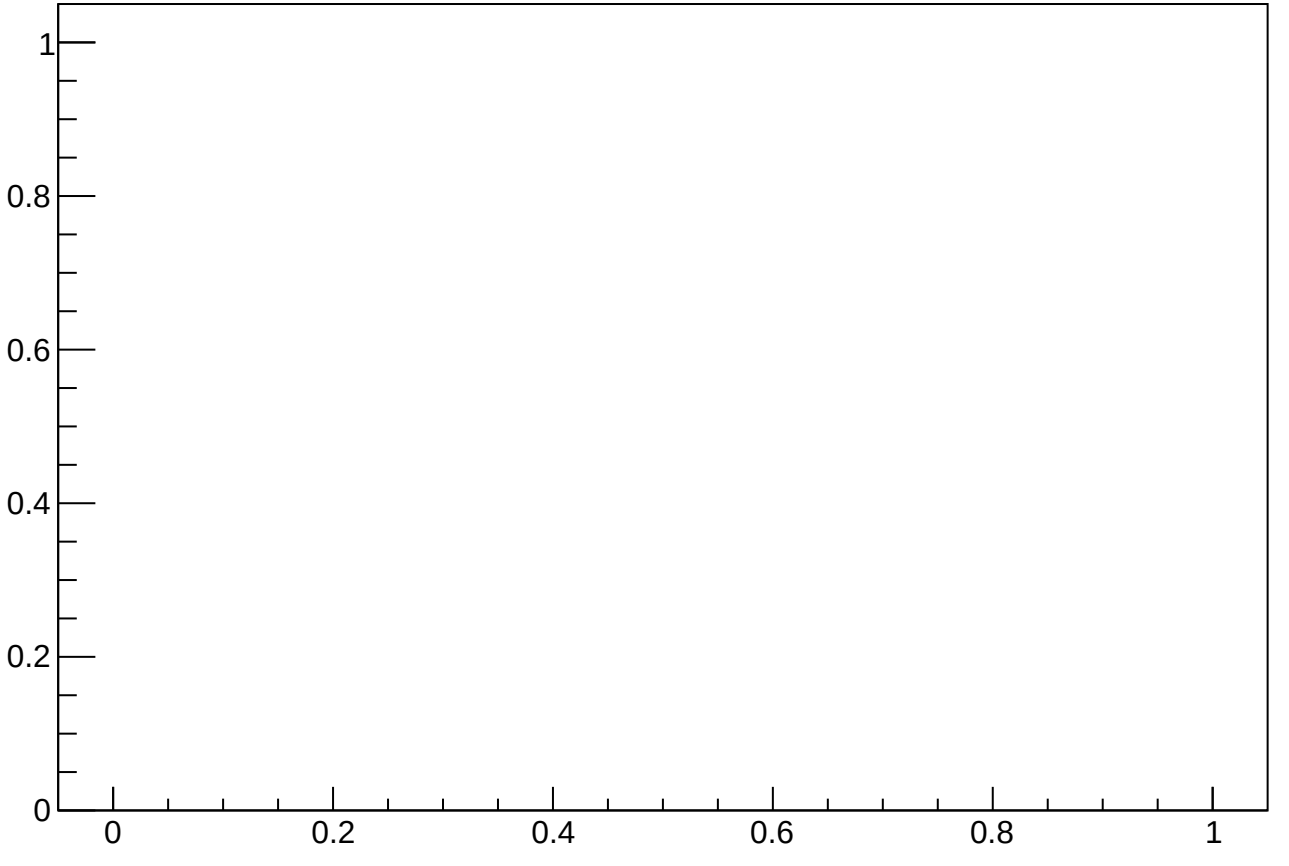
dit_slug_slope vs Slug, Sign Corrected



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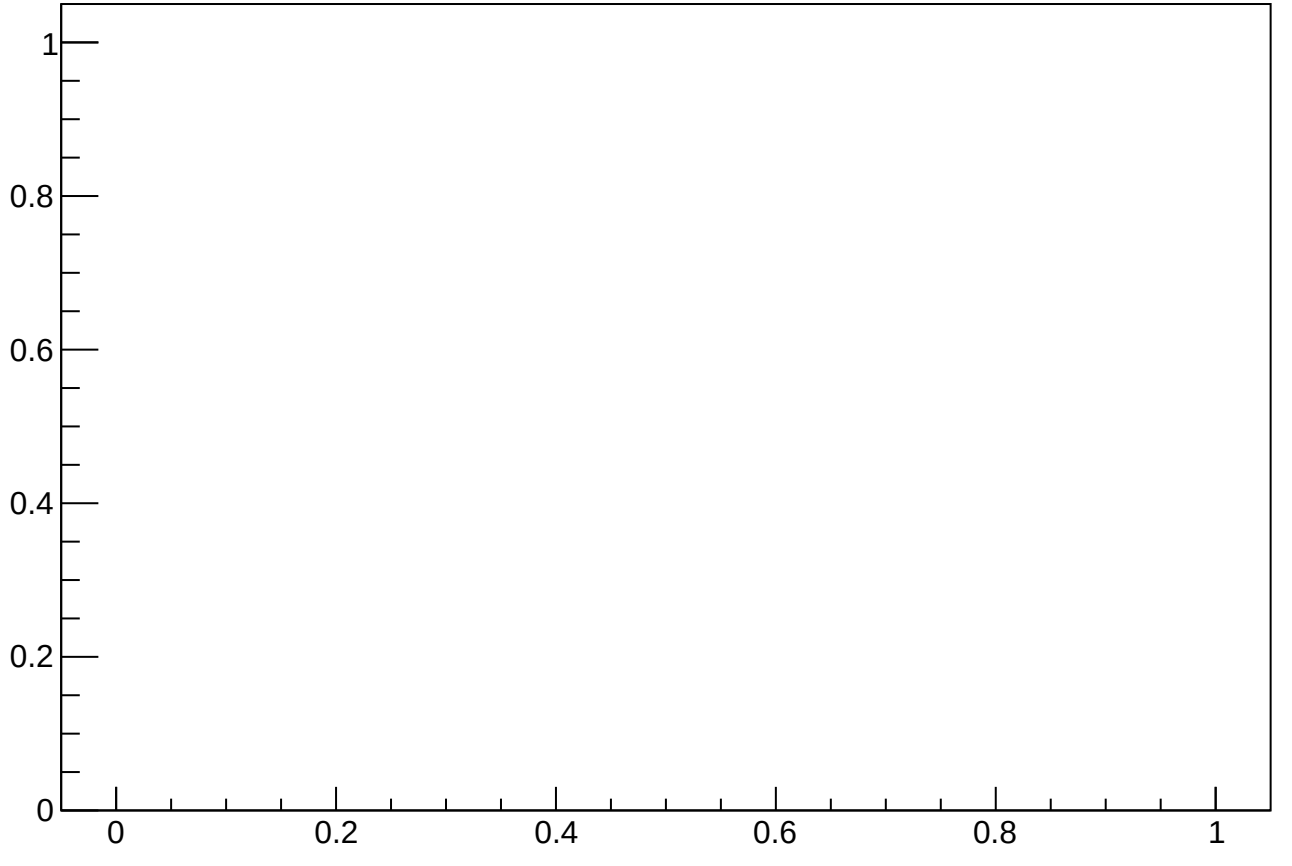
dit_cyclenum_mean vs Slug, Sign Corrected



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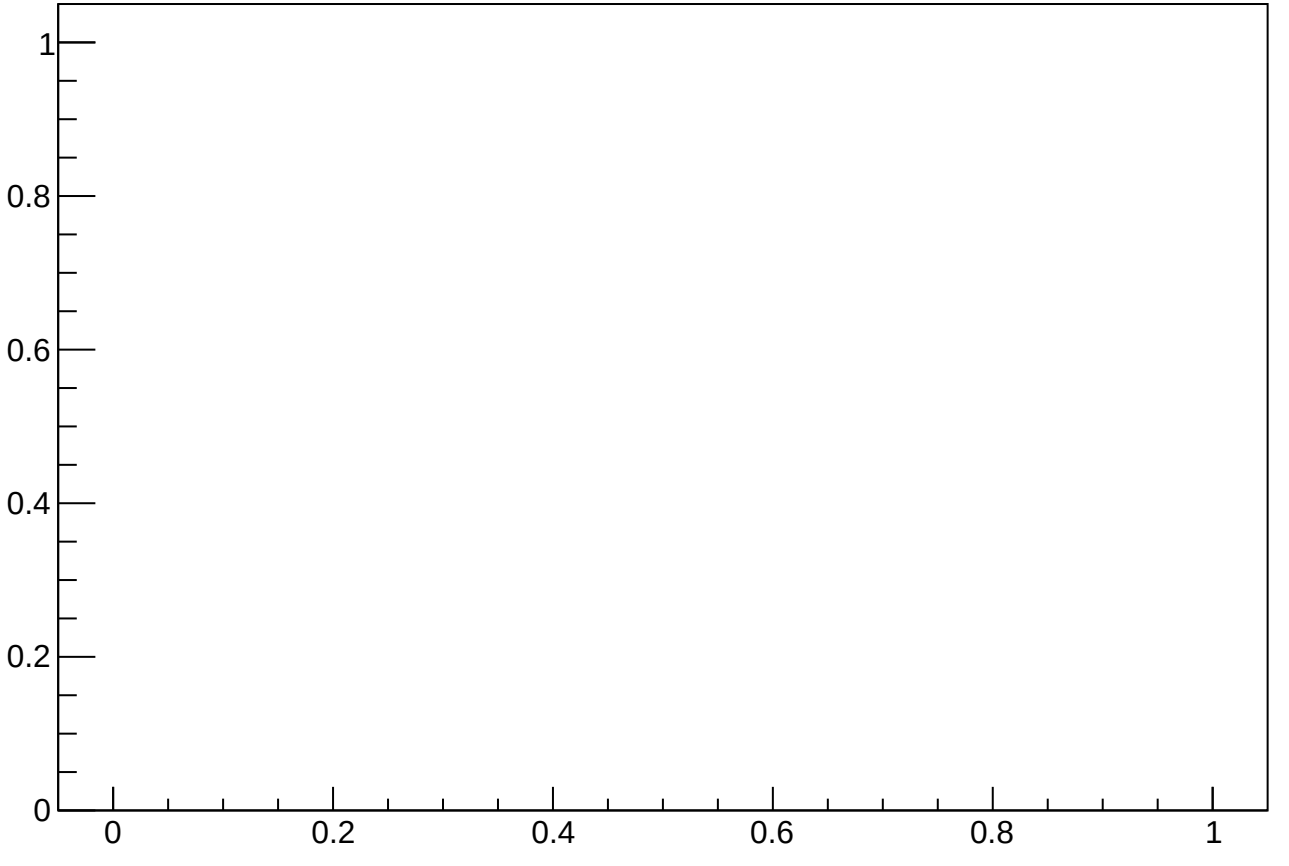
dit_cyclenum_rms vs Slug, Sign Corrected



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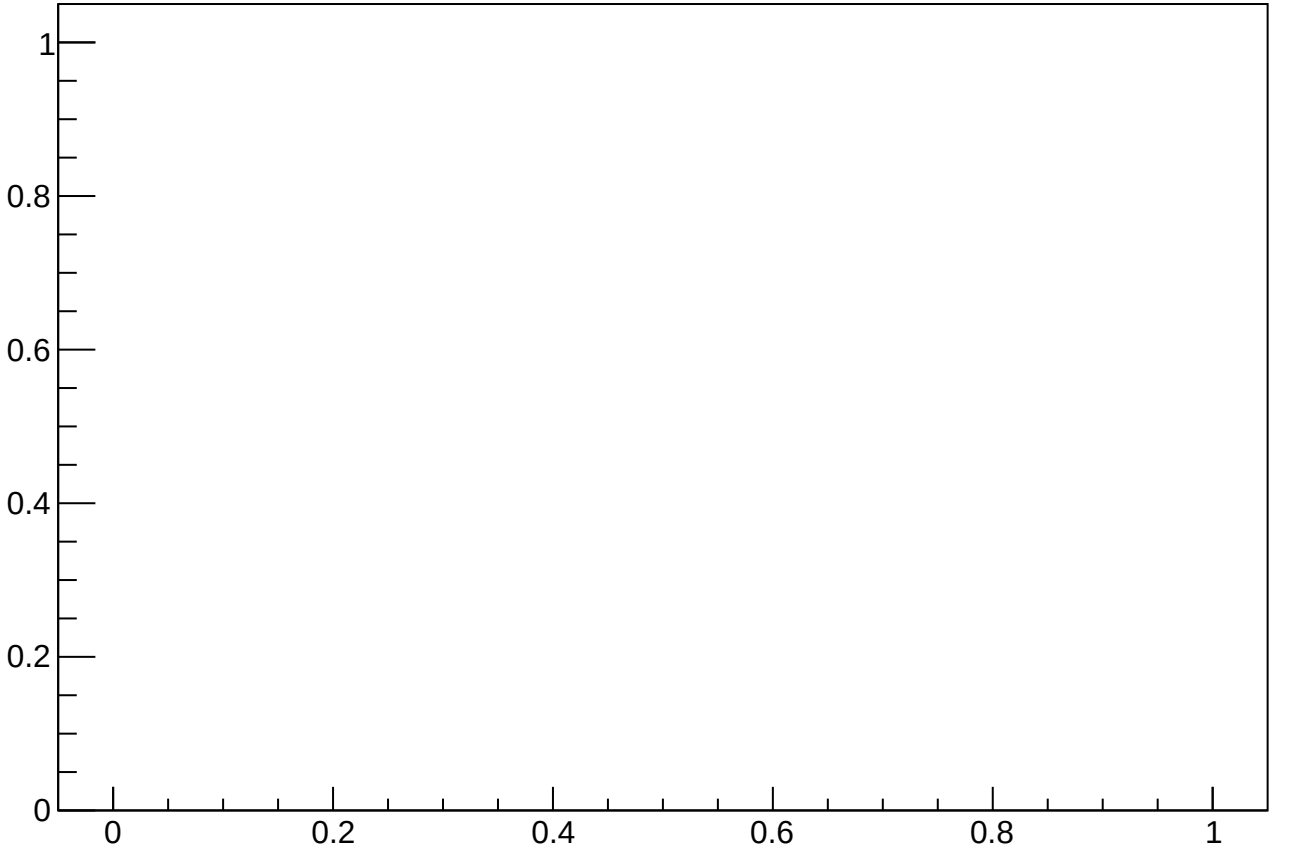
dit_scandata1_mean vs Slug, Sign Corrected



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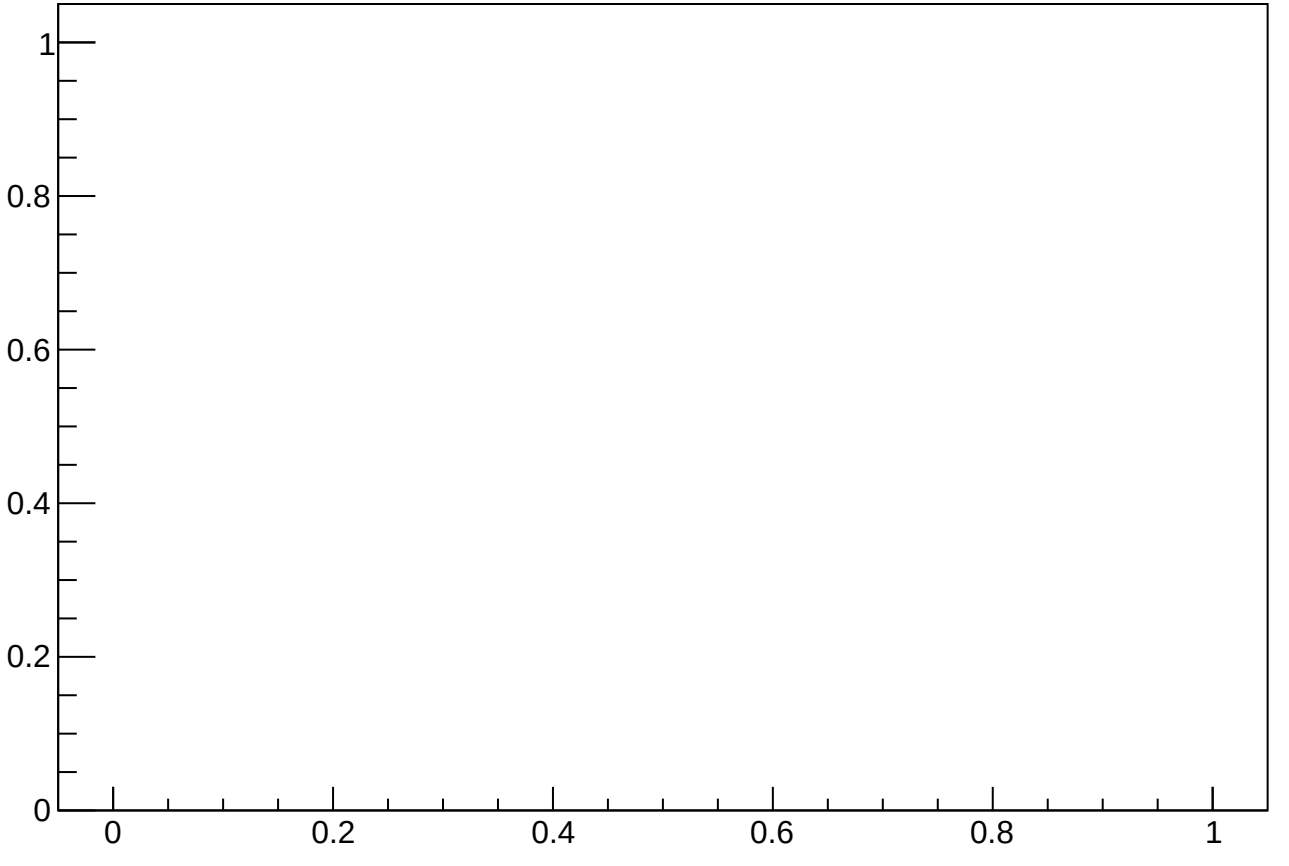
dit_scandata1_rms vs Slug, Sign Corrected



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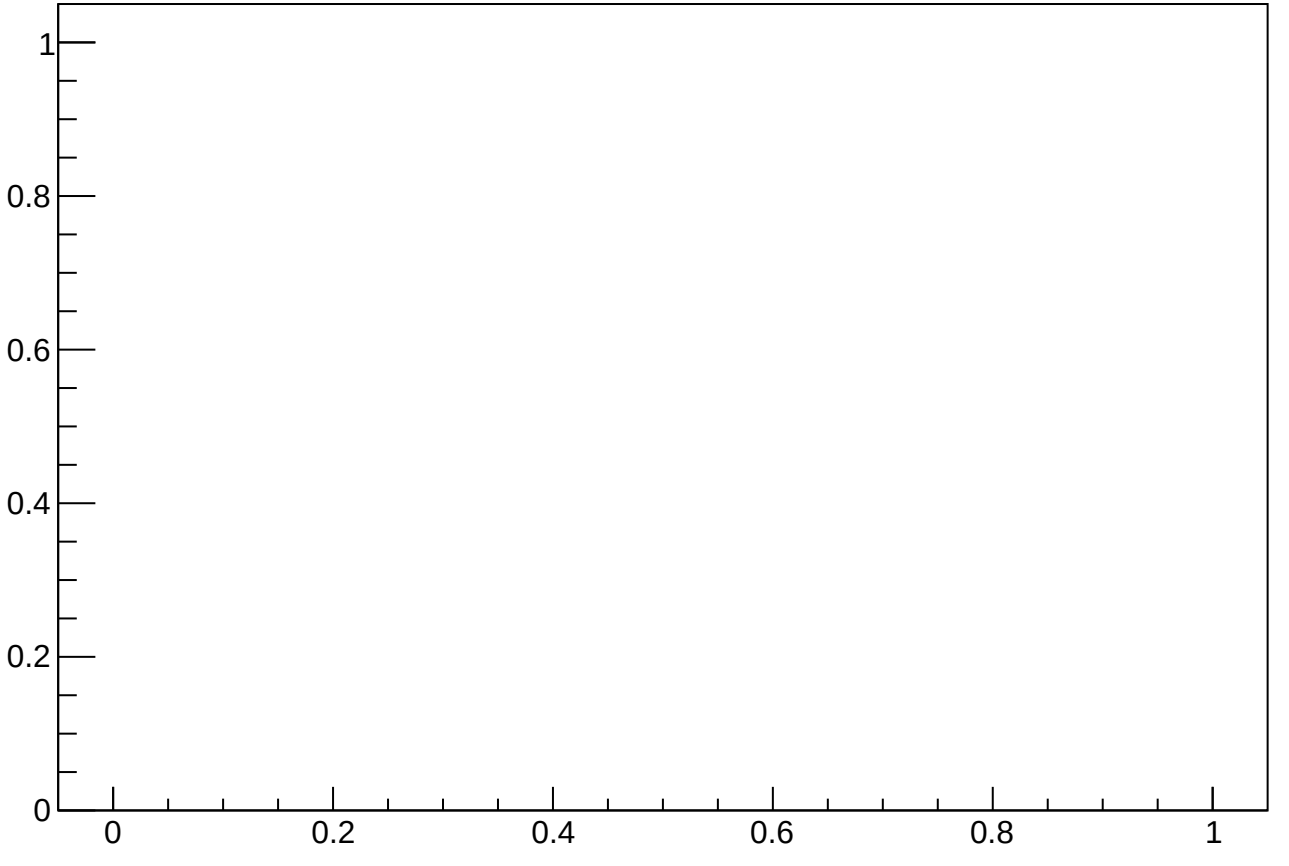
dit_scandata2_mean vs Slug, Sign Corrected



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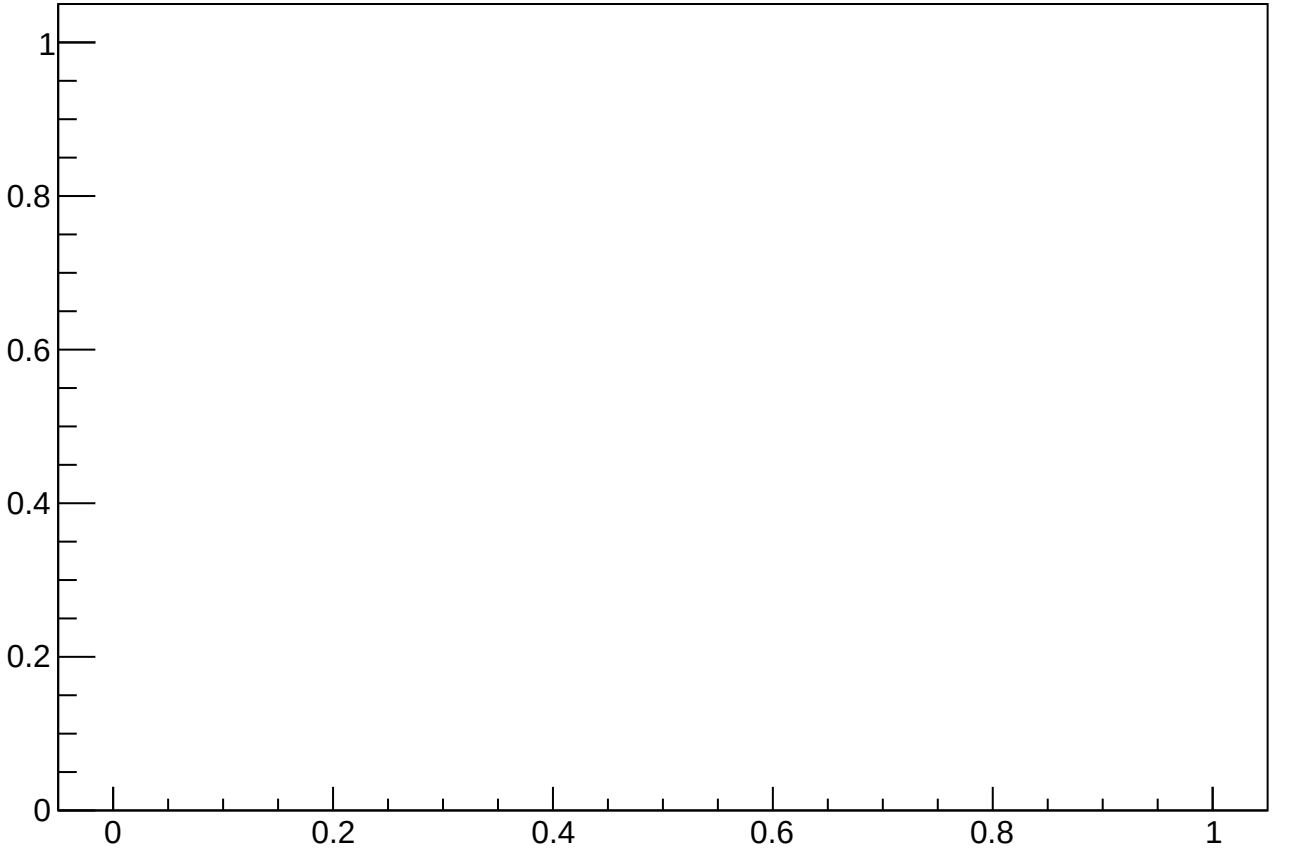
dit_scandata2_rms vs Slug, Sign Corrected



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Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

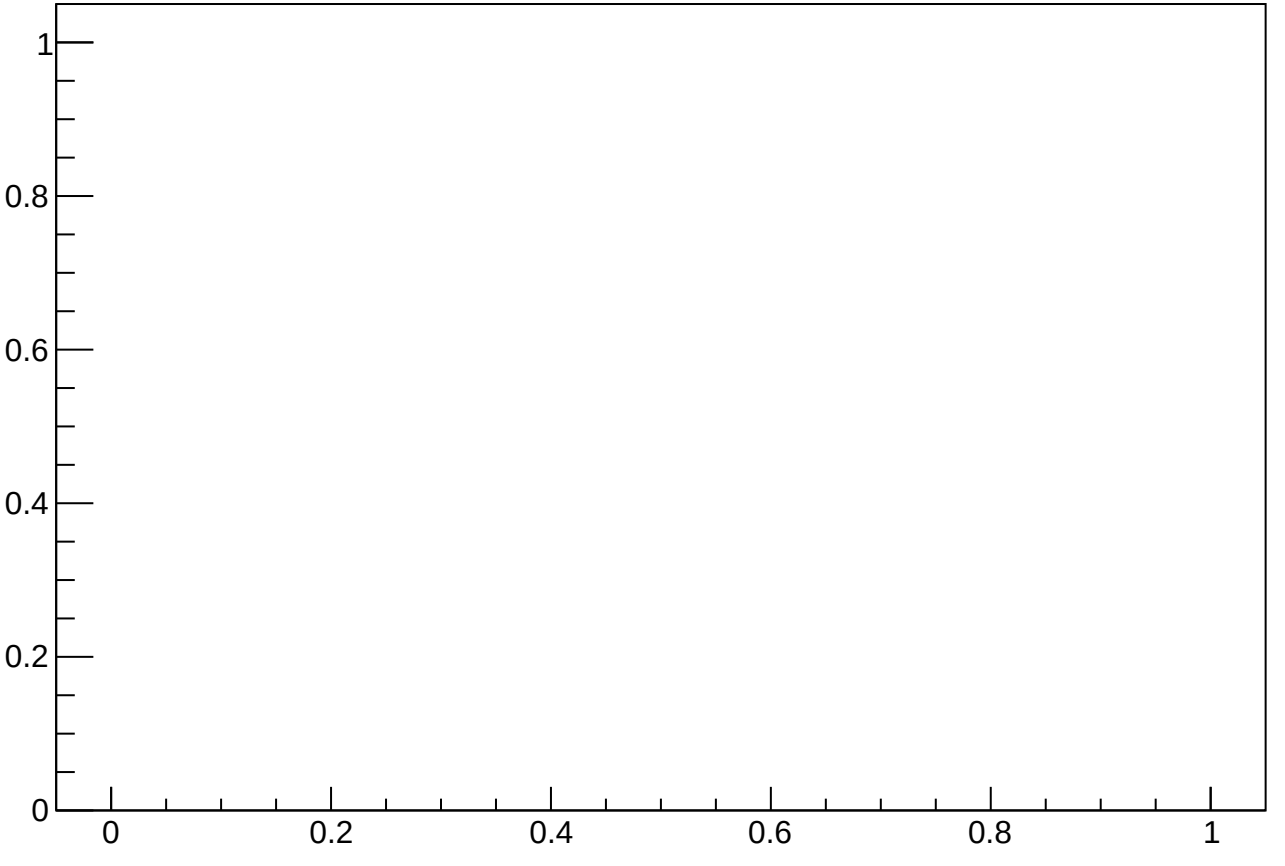
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

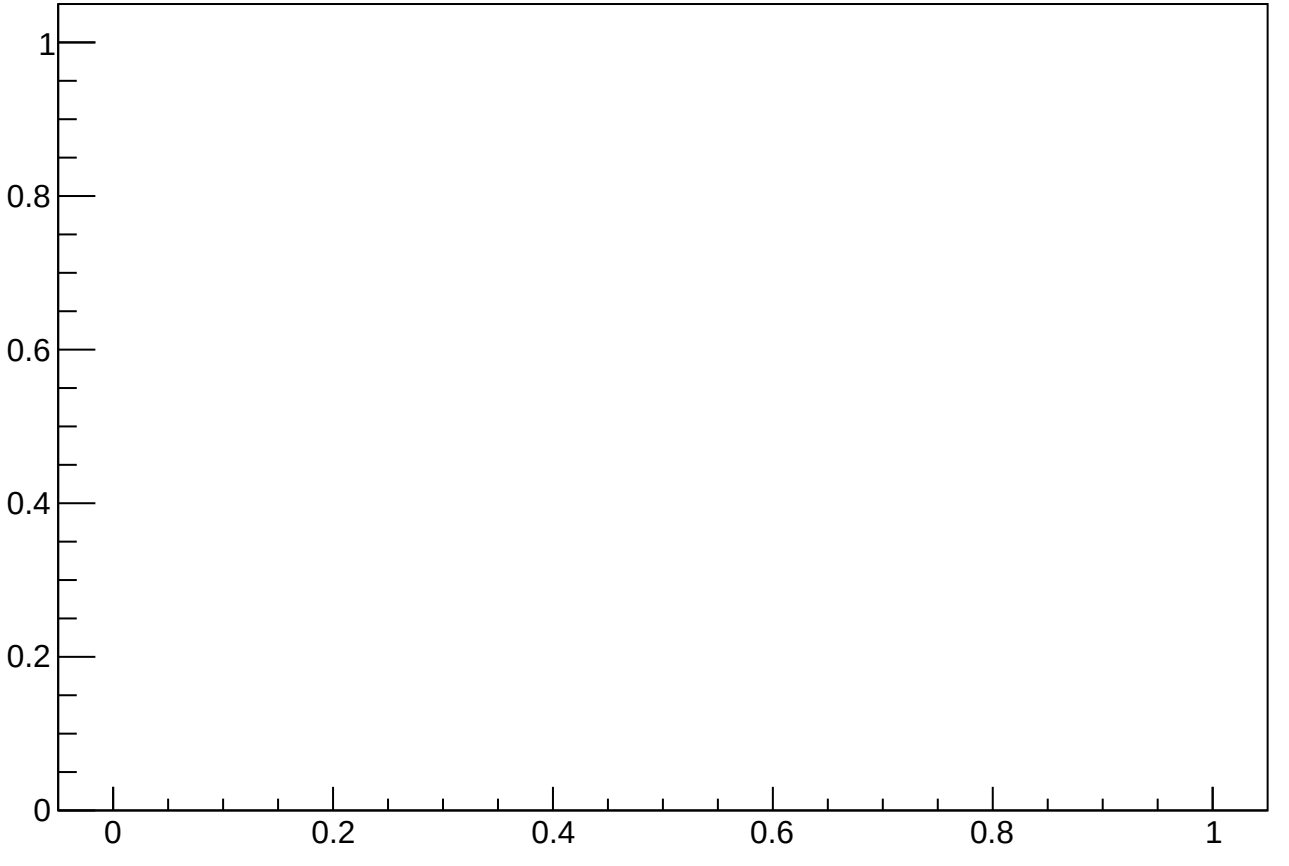
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

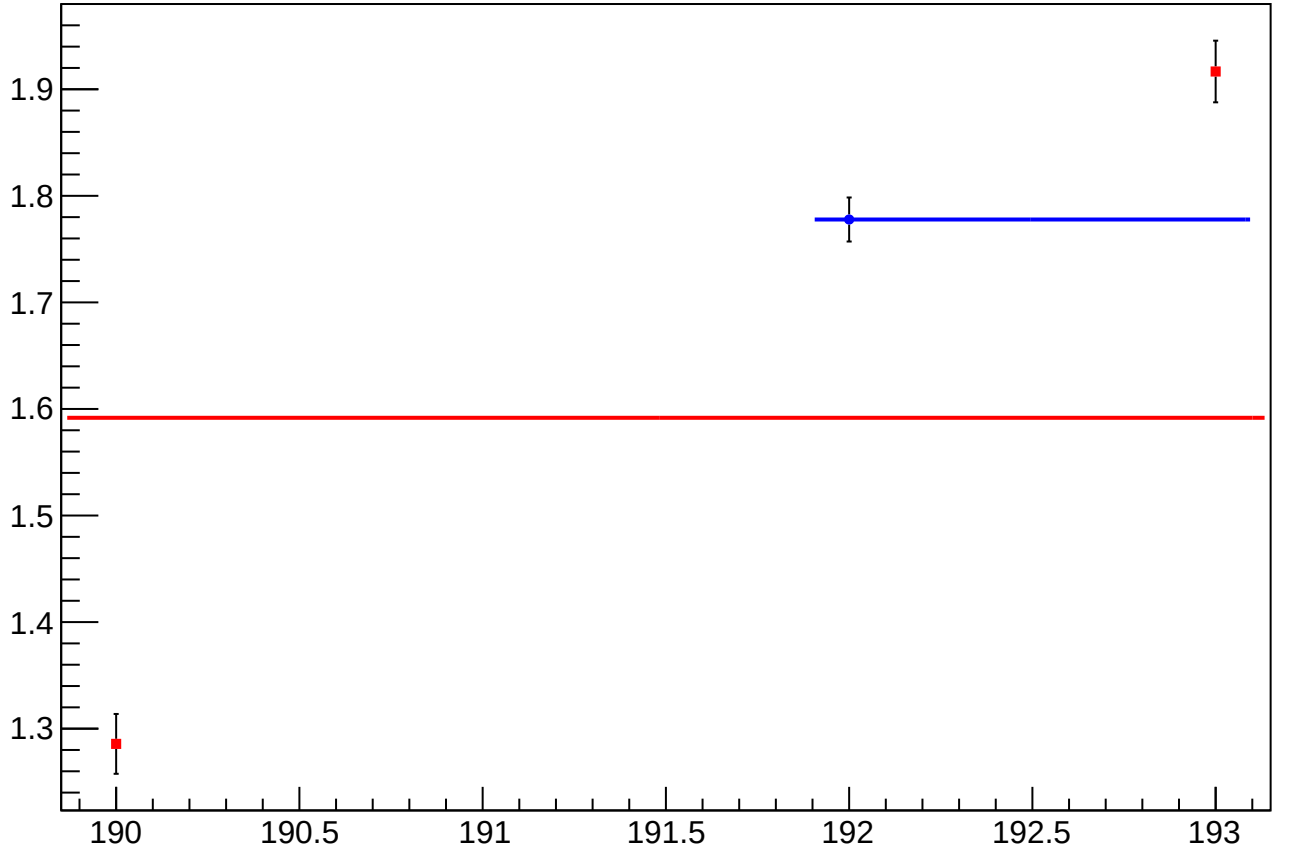
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.778+/-0.021 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.592+/-0.020 χ^2/NDF: 245.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

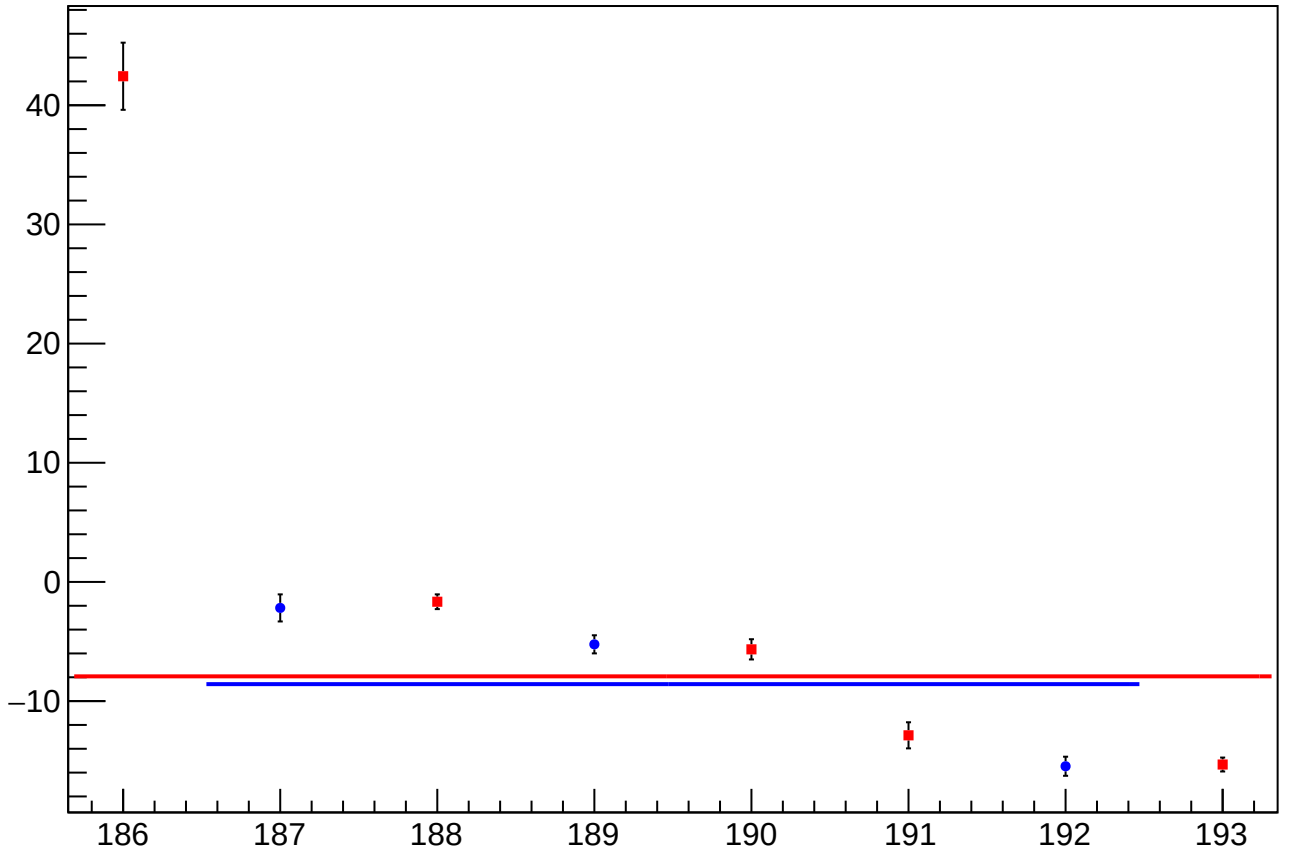
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.682+/-0.014 χ^2/NDF: 286.6/2

In: 1.778+/-0.021 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.682+/-0.014 χ^2/NDF: 286.6/2



Right In: -8.576+/-0.496 χ^2/NDF: 124.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.923+/-0.356 χ^2/NDF: 609.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

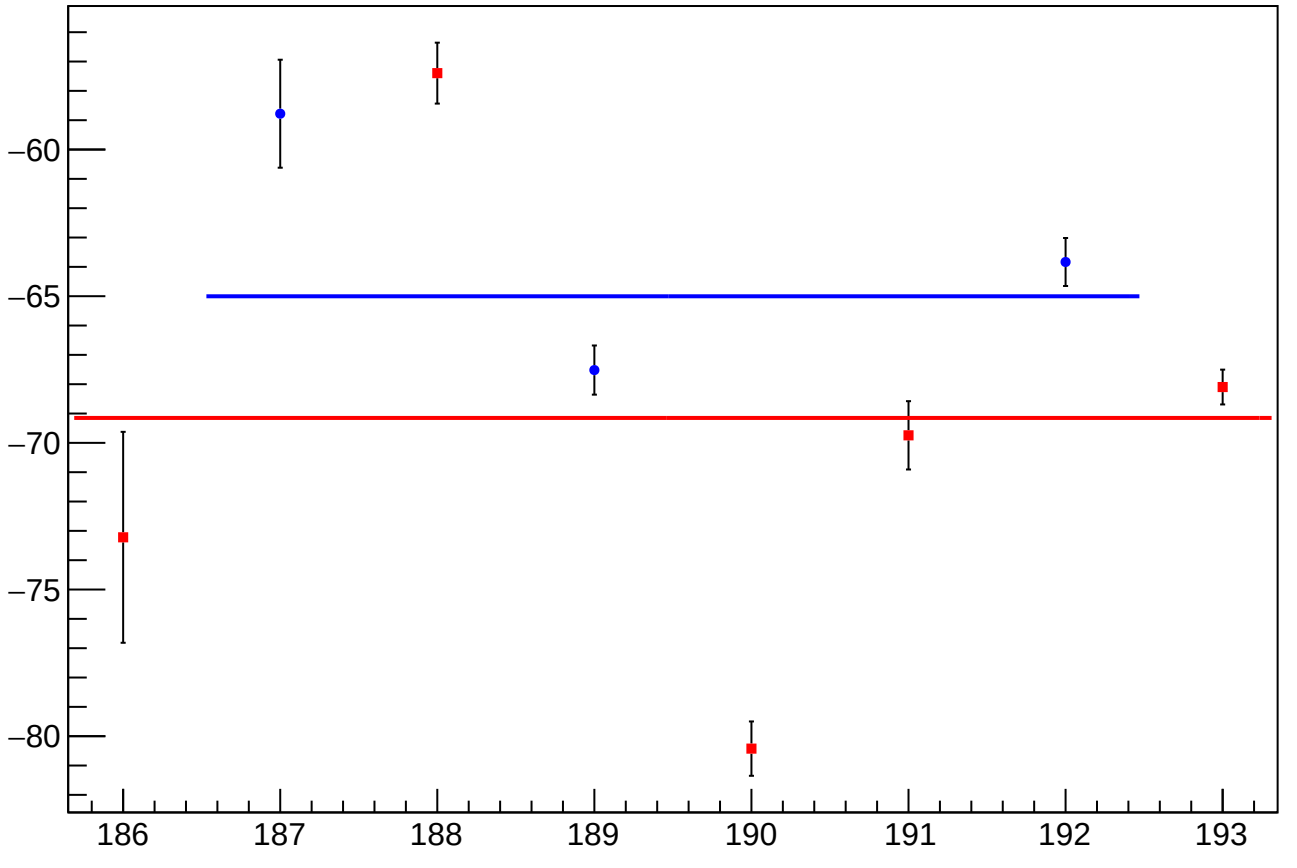
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.145+/-0.289 χ^2/NDF: 735.8/7

In: -8.576+/-0.496 χ^2/NDF:124.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.145+/-0.289 χ^2/NDF: 735.8/7



Right In: -65.003+/-0.558 χ^2/NDF: 22.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -69.150+/-0.417 χ^2/NDF: 280.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

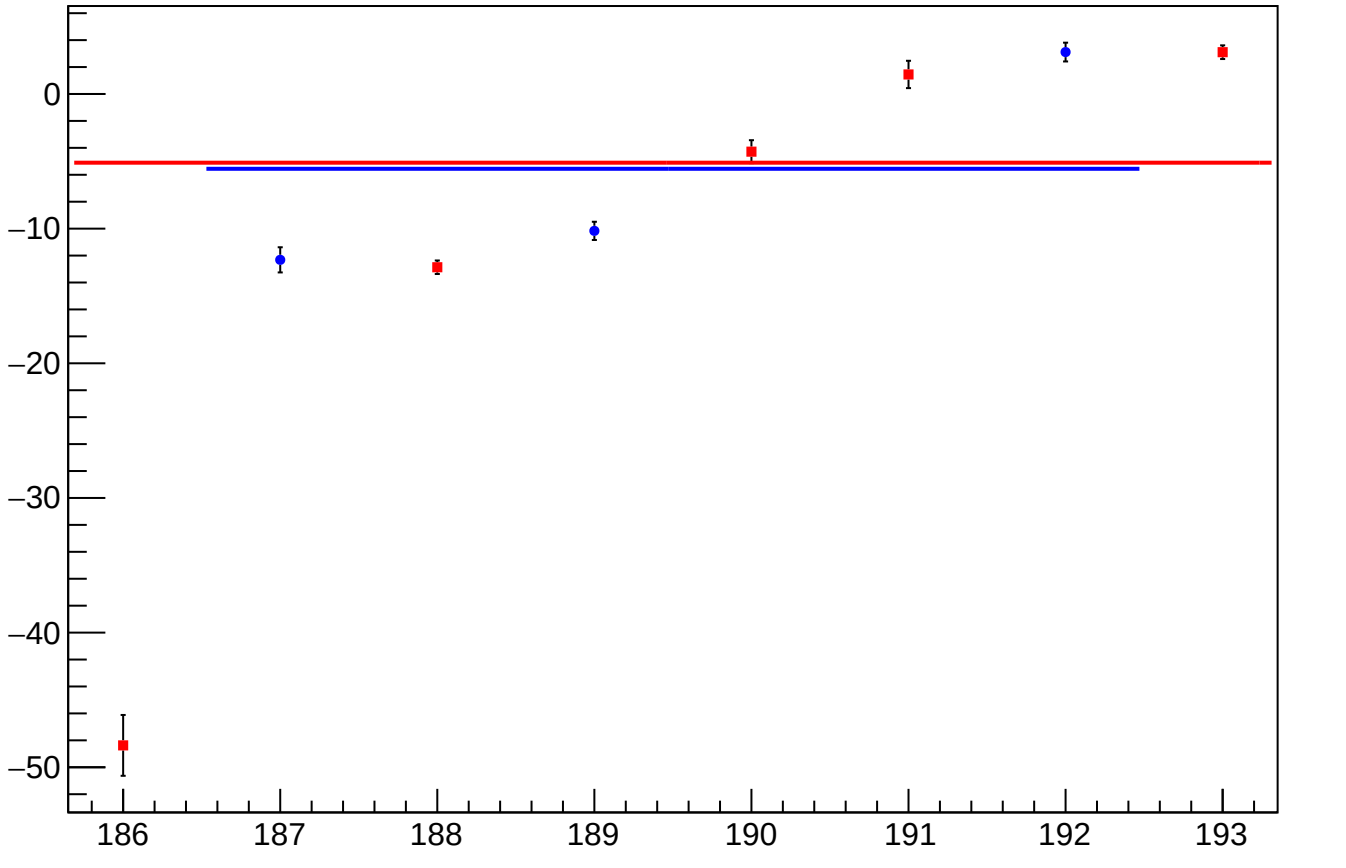
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

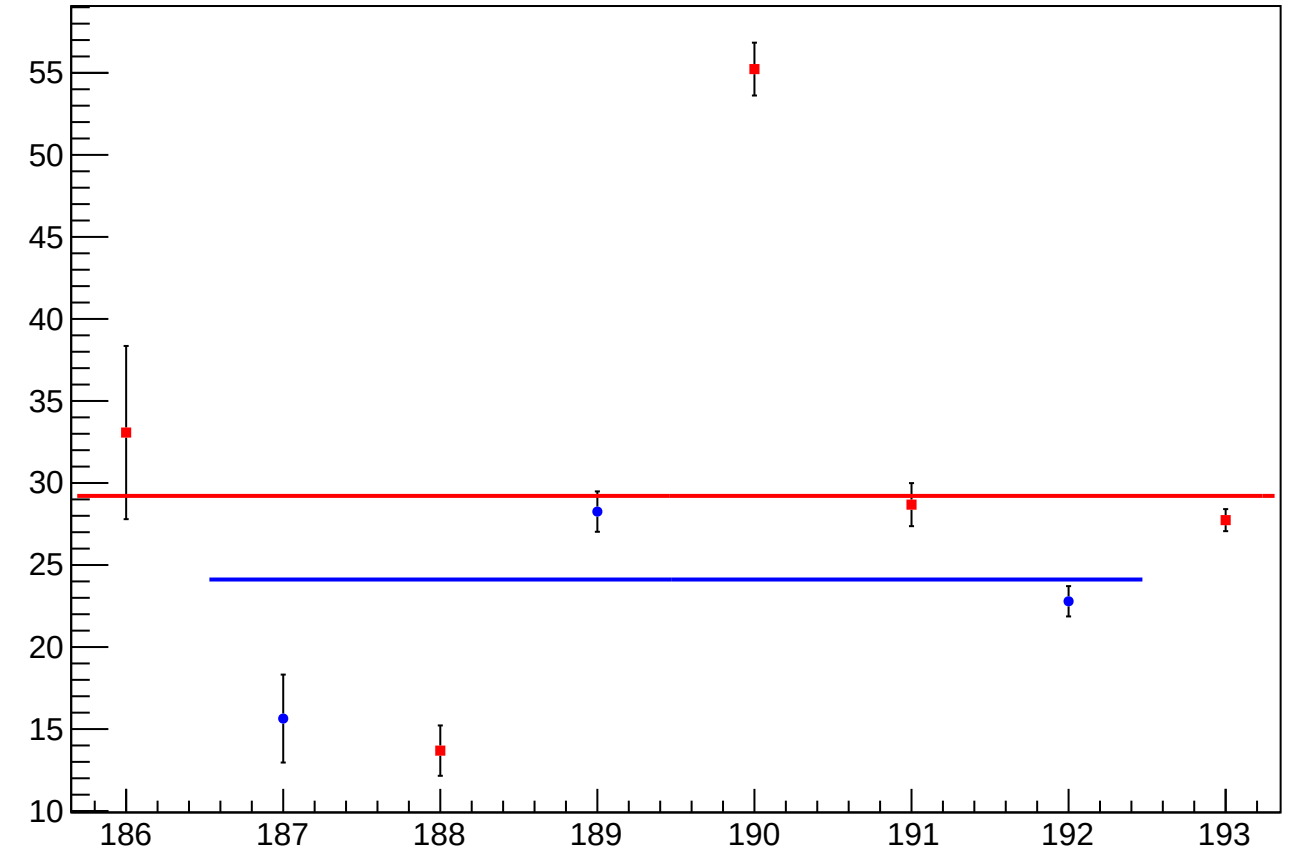
Right: -67.663+/-0.334 χ^2/NDF: 338.8/7

In: -65.003+/-0.558 χ^2/NDF:22.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -67.663+/-0.334 χ^2/NDF: 338.8/7


reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected
0
−10
−20
−30
−40
−50
186
187
188
189
190
191
192
193
Right In: -5.555+/-0.431 χ2/NDF: 253.1/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -5.102+/-0.310 χ2/NDF: 909.8/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -5.257+/-0.252 χ2/NDF: 1163.7/7
In: -5.555+/-0.431 χ2/NDF:253.1/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -5.257+/-0.252 χ2/NDF: 1163.7/7



Right In: 24.116+/-0.712 χ^2/NDF: 23.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.213+/-0.524 χ^2/NDF: 368.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

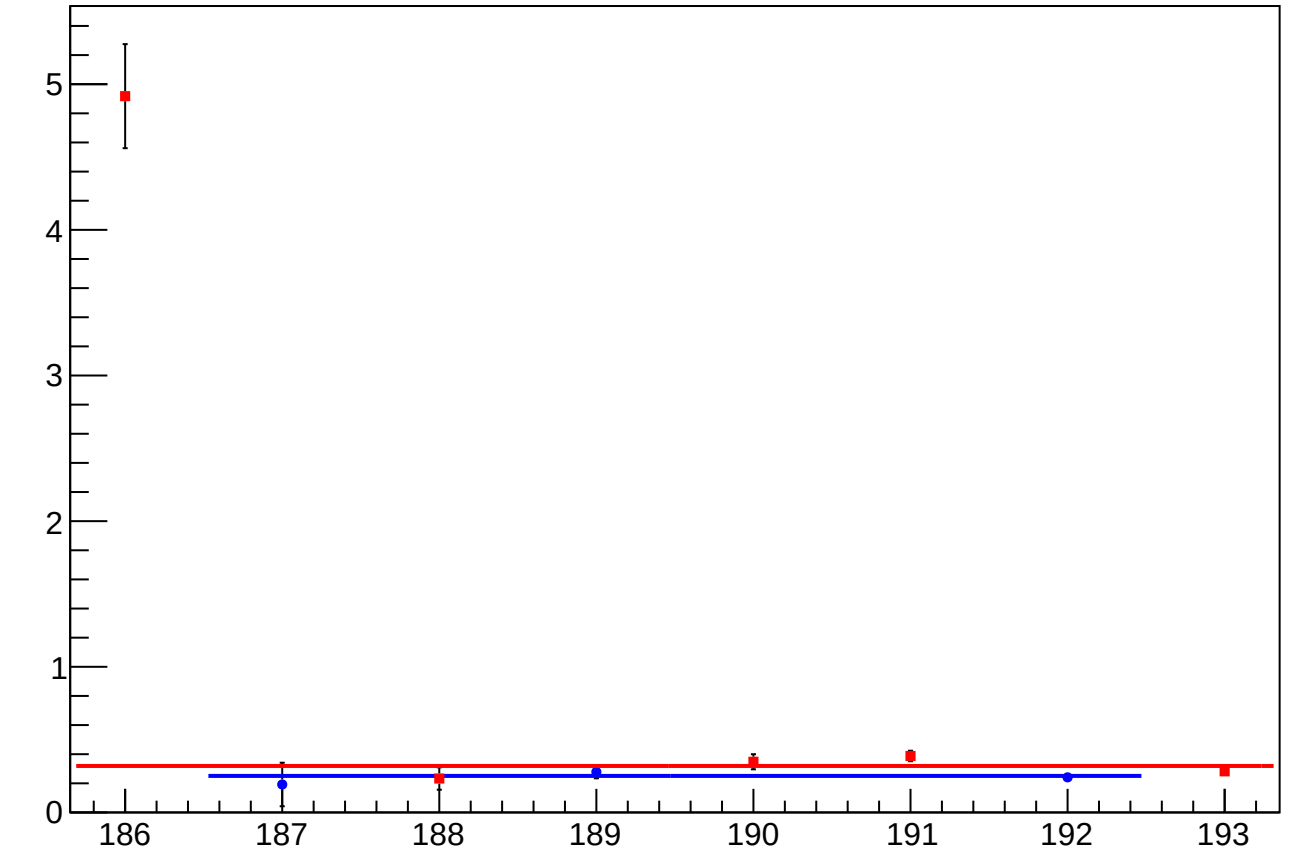
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 27.422+/-0.422 χ^2/NDF: 425.5/7

In: 24.116+/-0.712 χ^2/NDF:23.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.422+/-0.422 χ^2/NDF: 425.5/7



Right In: 0.251+/-0.024 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.319+/-0.017 χ^2/NDF: 174.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

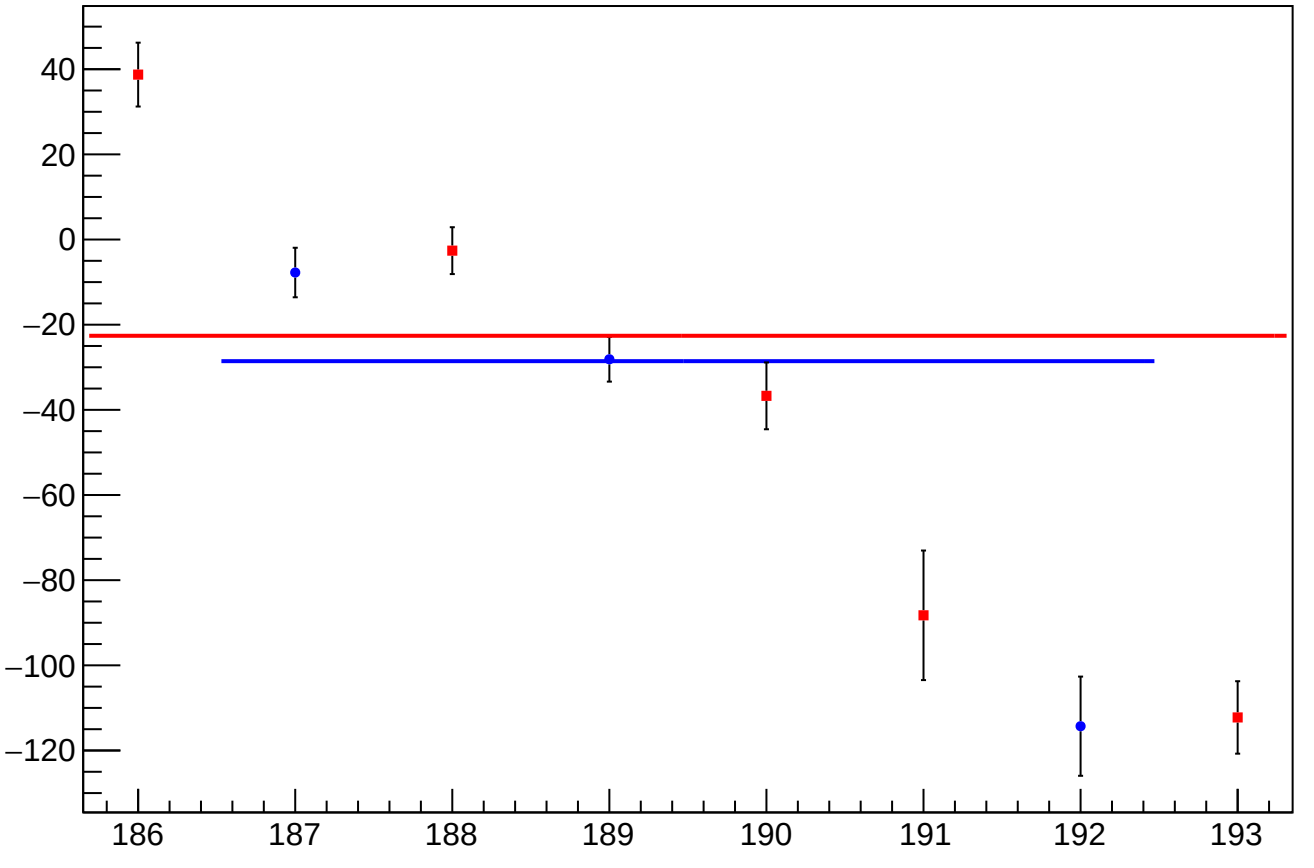
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

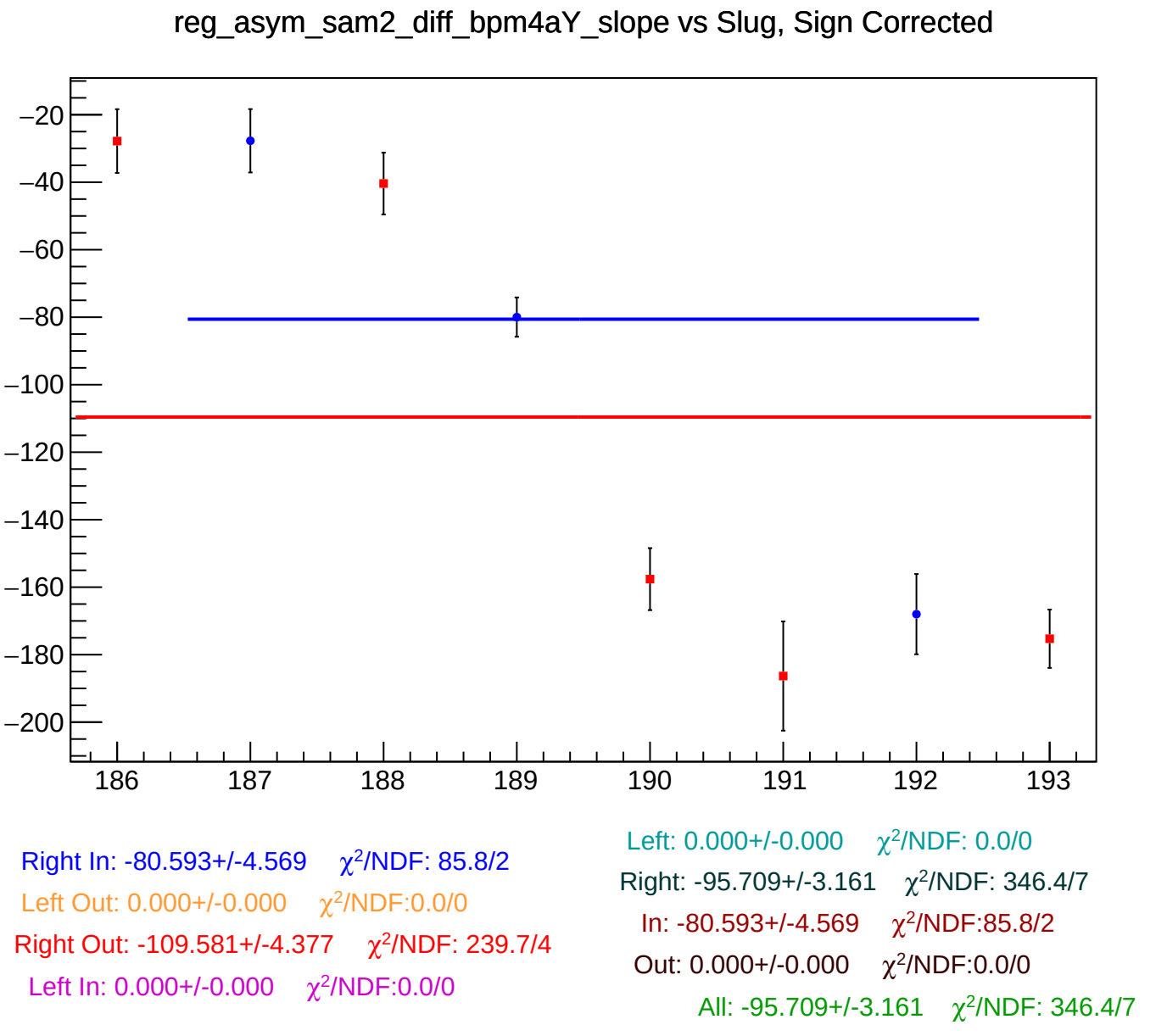
Right: 0.297+/-0.014 χ^2/NDF: 180.2/7

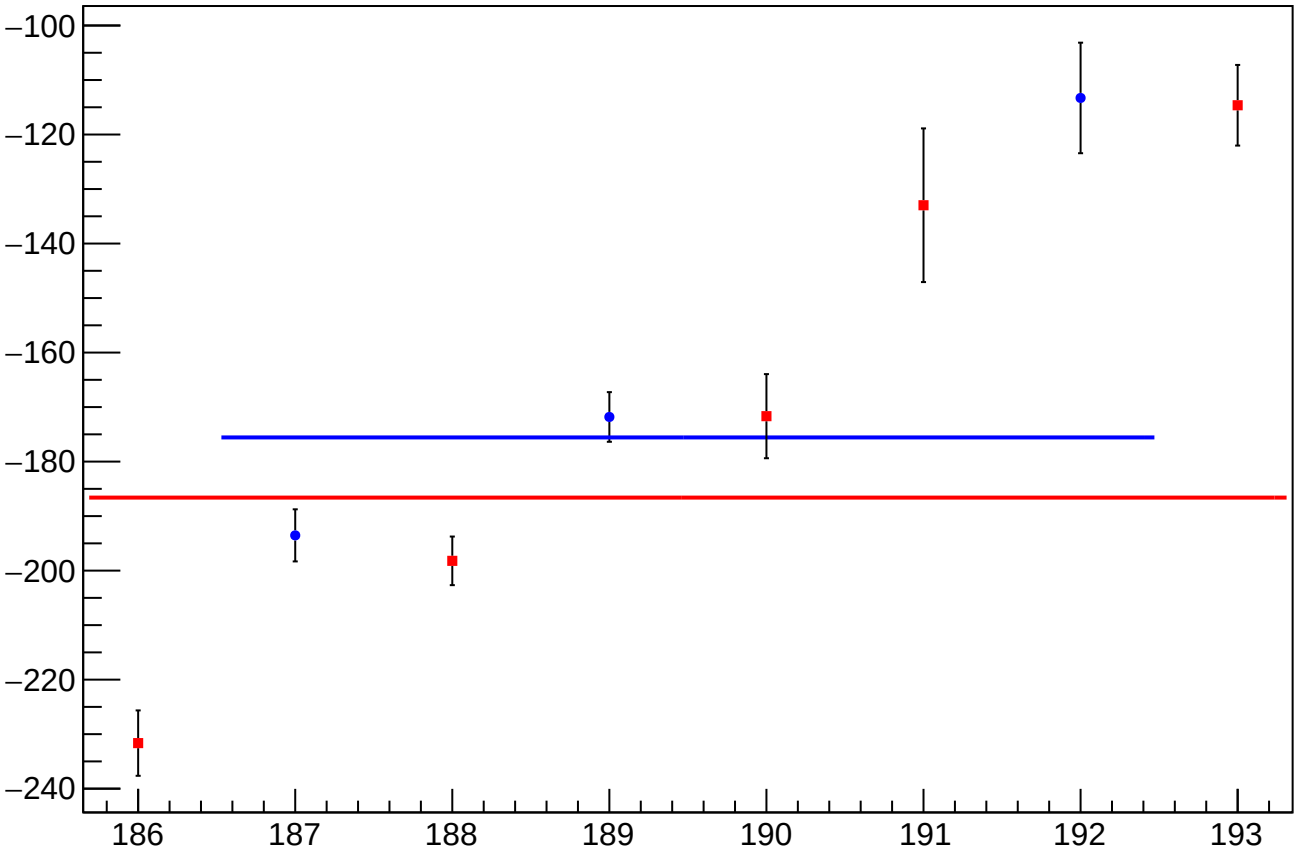
In: 0.251+/-0.024 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.297+/-0.014 χ^2/NDF: 180.2/7


reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected
40
20
0
−20
−40
−60
−80
−100
−120
186
187
188
189
190
191
192
193
Right In: -28.564+/-3.697 χ²/NDF: 67.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -22.604+/-3.426 χ²/NDF: 212.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -25.358+/-2.513 χ²/NDF: 281.3/7
In: -28.564+/-3.697 χ²/NDF:67.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -25.358+/-2.513 χ²/NDF: 281.3/7


reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected
−20
−40
−60
−80
−100
−120
−140
−160
−180
−200
186
187
188
189
190
191
192
193
Right In: -80.593+/-4.569 χ2/NDF: 85.8/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -109.581+/-4.377 χ2/NDF: 239.7/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -95.709+/-3.161 χ2/NDF: 346.4/7
In: -80.593+/-4.569 χ2/NDF:85.8/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -95.709+/-3.161 χ2/NDF: 346.4/7



Right In: -175.567+/-3.135 χ^2/NDF: 52.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -186.604+/-2.908 χ^2/NDF: 176.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

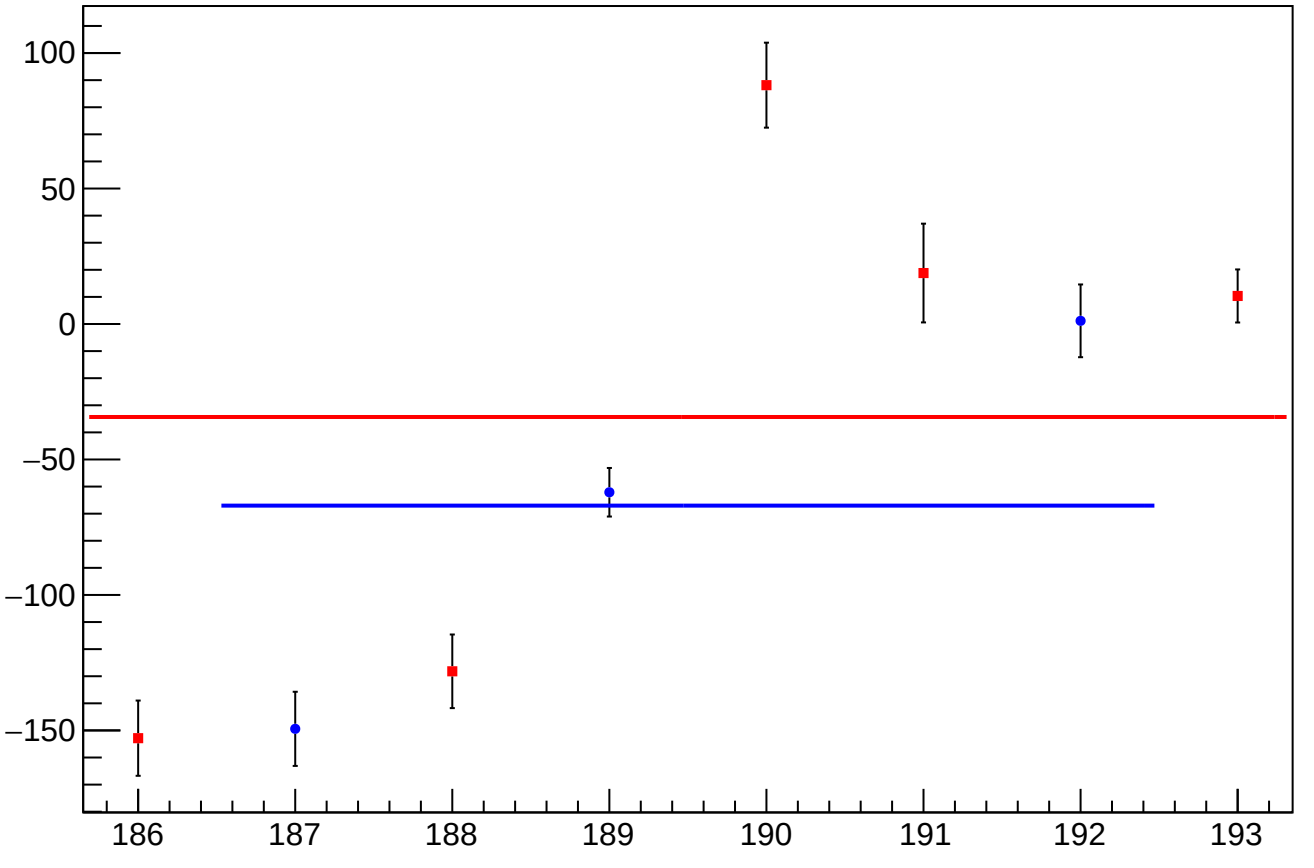
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

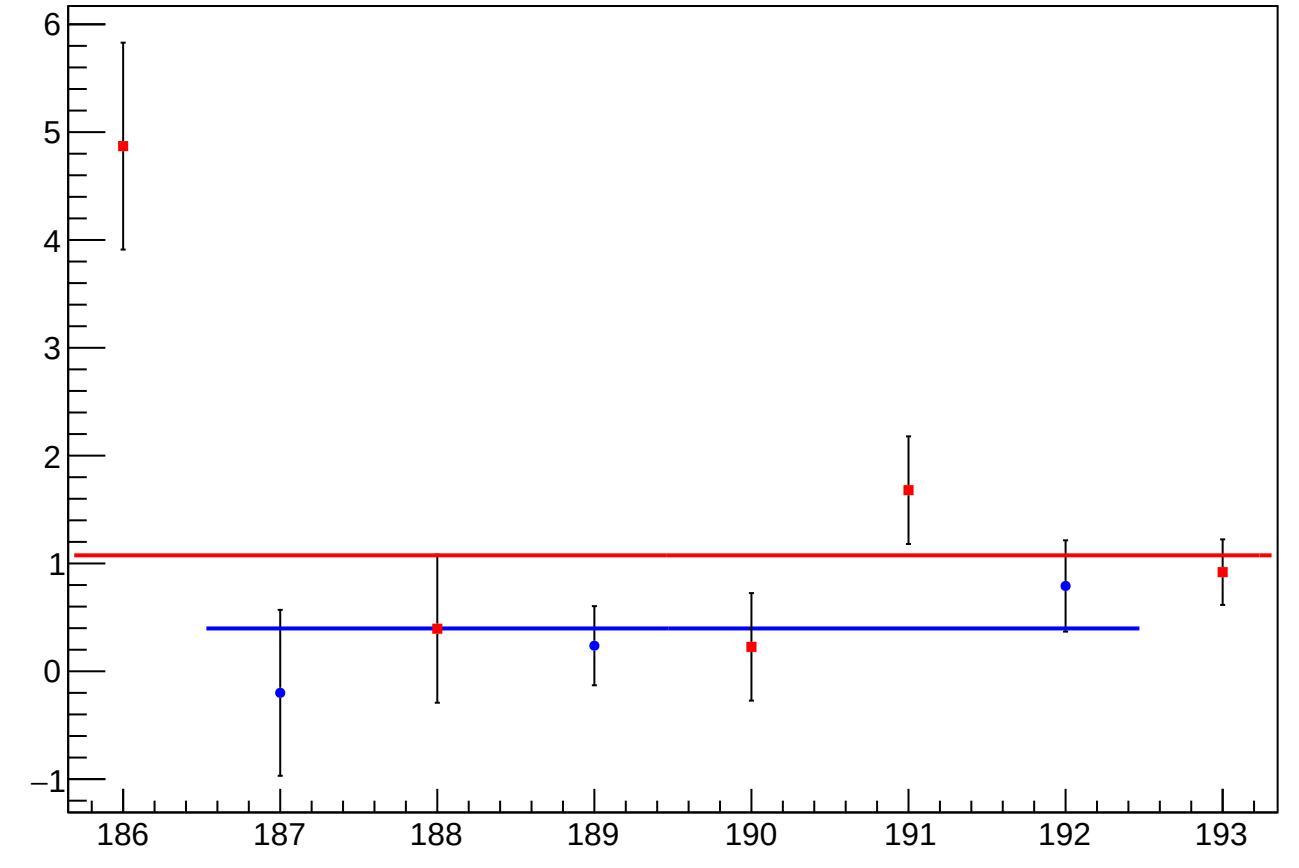
Right: -181.499+/-2.132 χ^2/NDF: 235.2/7

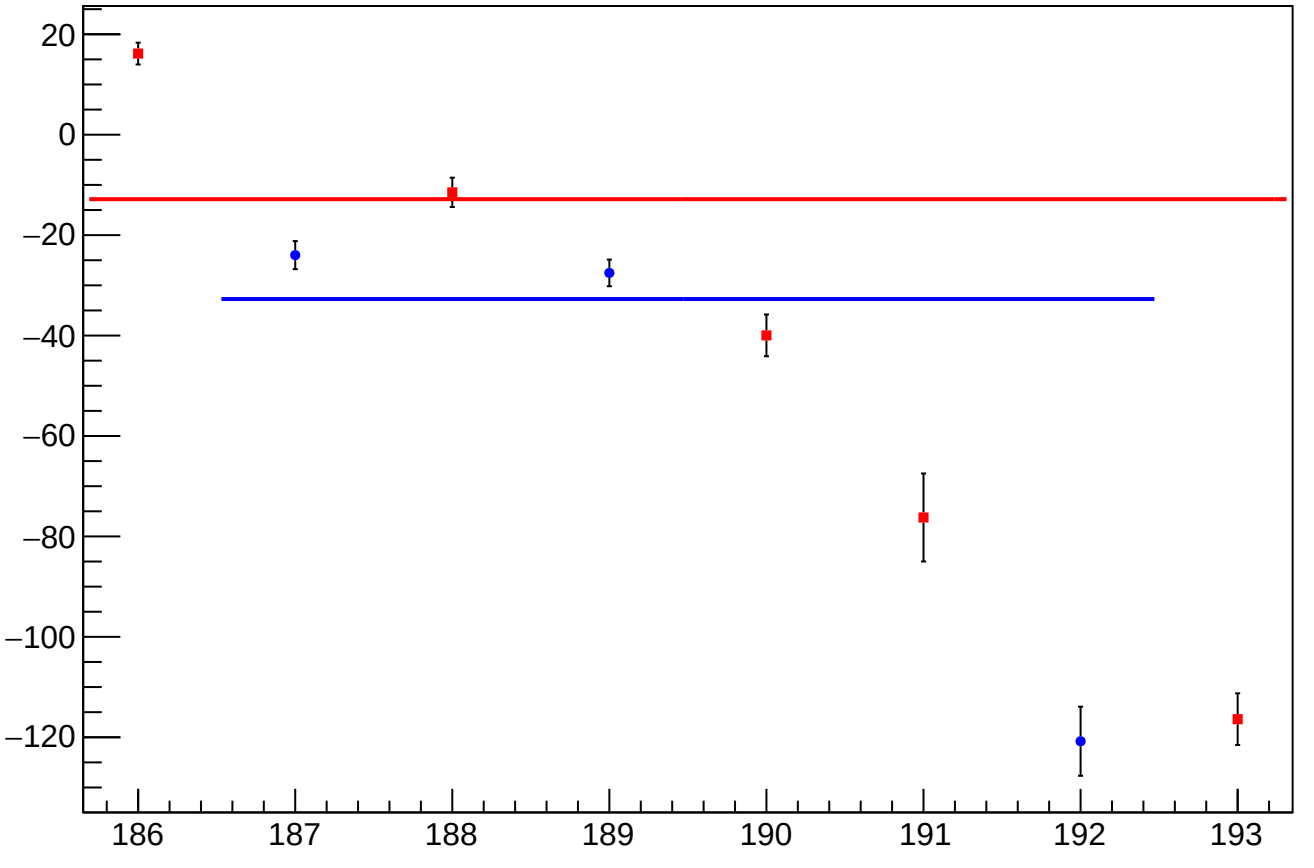
In: -175.567+/-3.135 χ^2/NDF:52.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -181.499+/-2.132 χ^2/NDF: 235.2/7


reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected
100
50
0
−50
−100
−150
186
187
188
189
190
191
192
193
Right In: -67.032+/-6.546 χ²/NDF: 62.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -34.321+/-5.964 χ²/NDF: 210.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -49.158+/-4.409 χ²/NDF: 286.9/7
In: -67.032+/-6.546 χ²/NDF:62.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -49.158+/-4.409 χ²/NDF: 286.9/7


reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected
6
5
4
3
2
1
0
−1
186
187
188
189
190
191
192
193
Right In: 0.397+/-0.261 χ²/NDF: 1.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1.076+/-0.213 χ²/NDF: 21.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.804+/-0.165 χ²/NDF: 27.0/7
In: 0.397+/-0.261 χ²/NDF:1.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.804+/-0.165 χ²/NDF: 27.0/7



Right In: -32.727+/-1.853 χ^2/NDF: 177.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.837+/-1.511 χ^2/NDF: 678.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

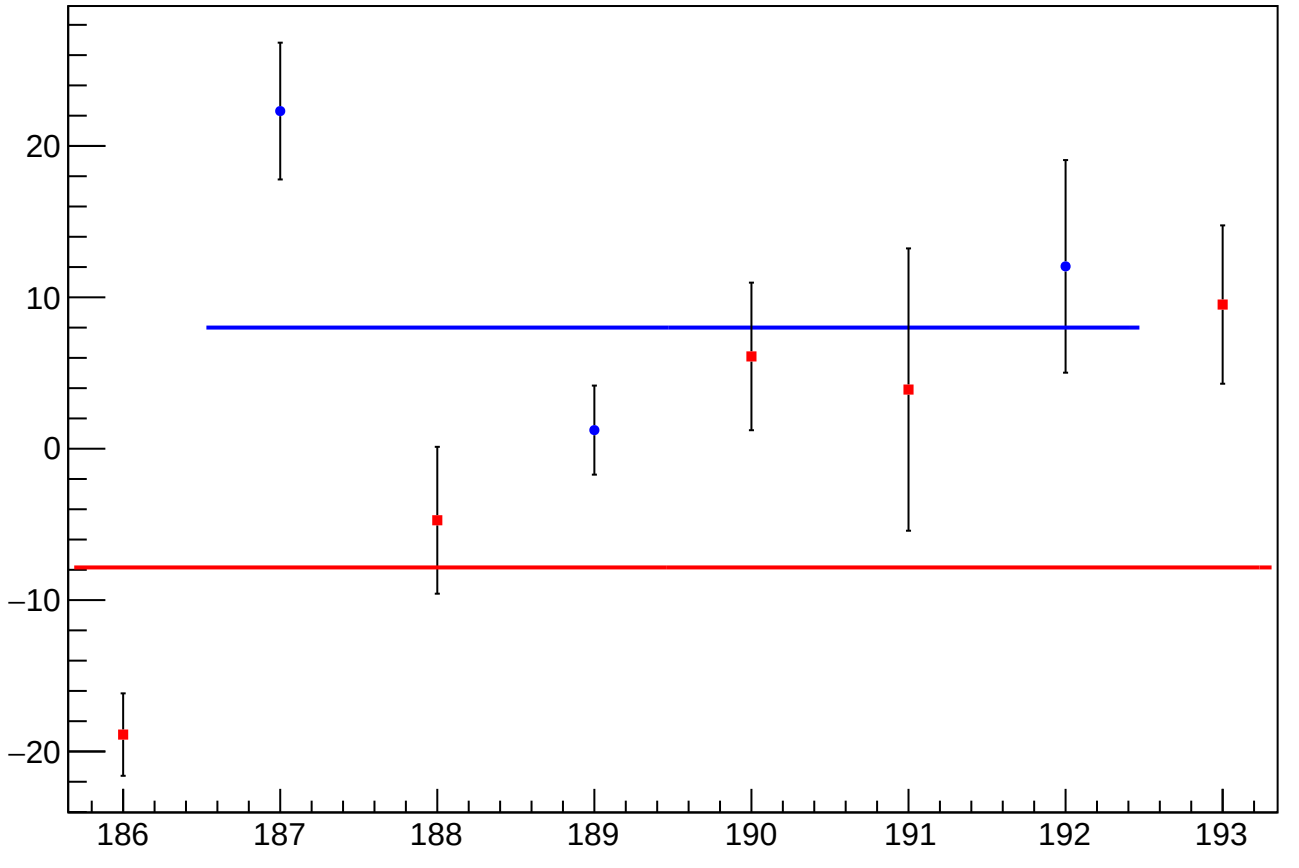
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

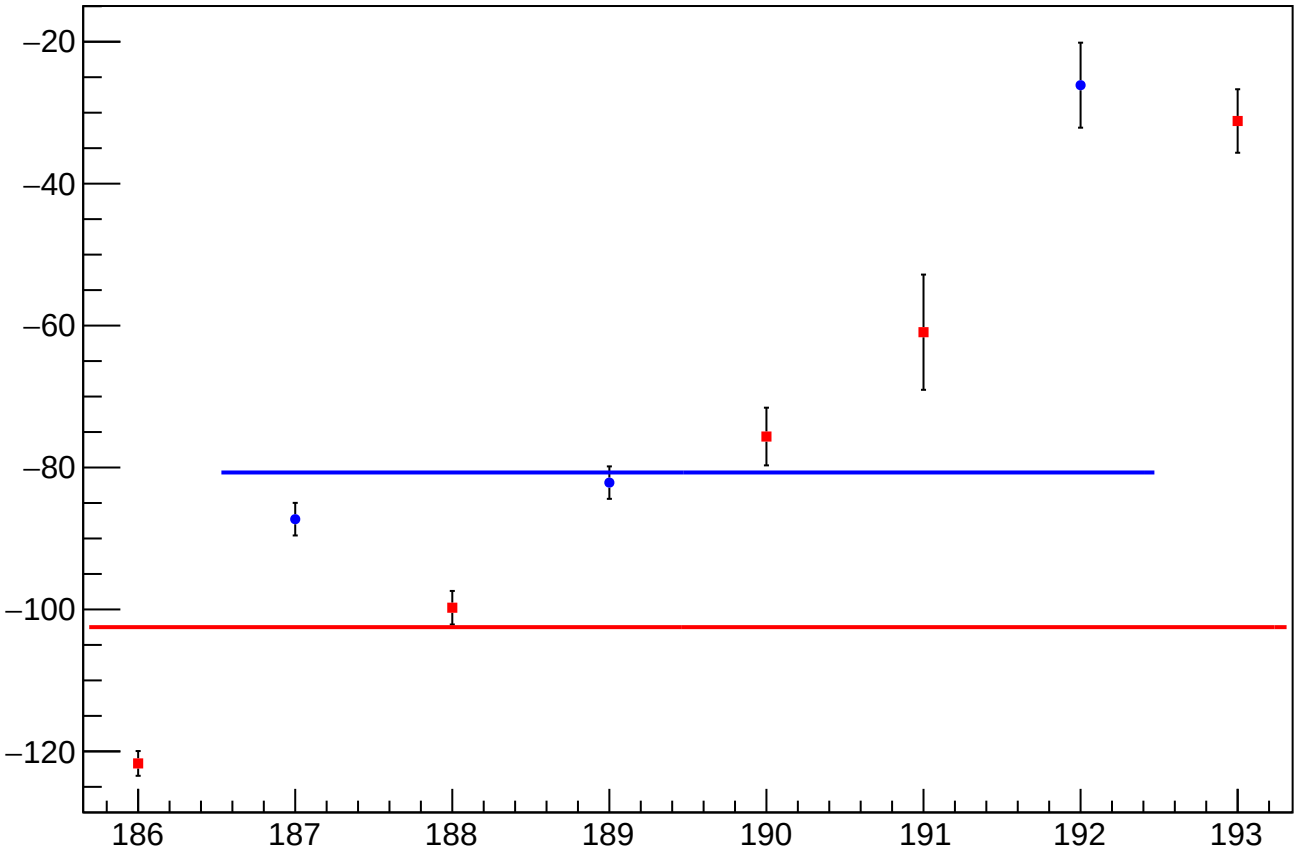
Right: -20.780+/-1.171 χ^2/NDF: 924.7/7

In: -32.727+/-1.853 χ^2/NDF:177.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20.780+/-1.171 χ^2/NDF: 924.7/7


reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected
20
10
0
−10
−20
186
187
188
189
190
191
192
193
Right In: 8.002+/-2.326 χ²/NDF: 15.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -7.843+/-1.933 χ²/NDF: 37.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -1.369+/-1.487 χ²/NDF: 80.7/7
In: 8.002+/-2.326 χ²/NDF:15.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -1.369+/-1.487 χ²/NDF: 80.7/7



Right In: -80.700+/-1.564 χ^2/NDF: 91.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -102.494+/-1.257 χ^2/NDF: 446.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

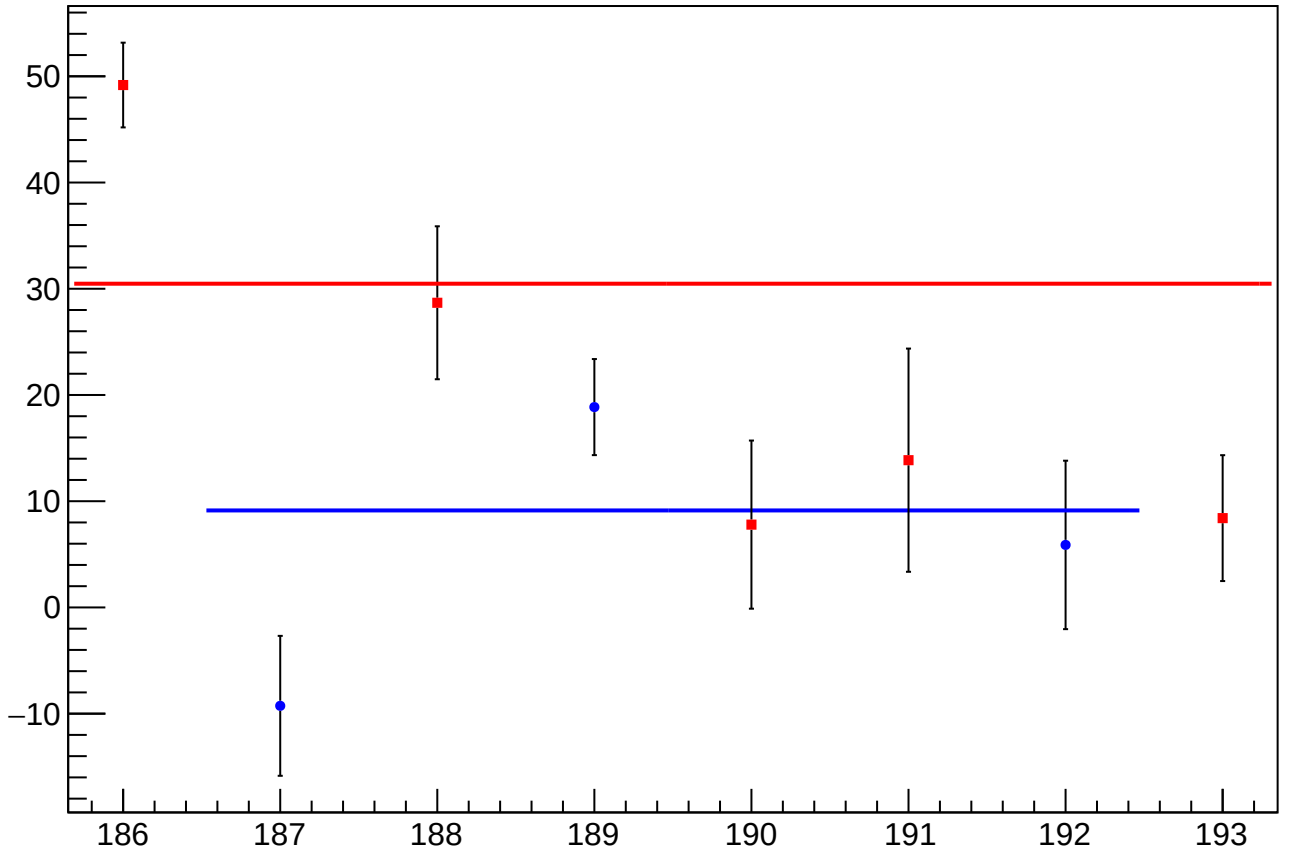
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -93.944+/-0.980 χ^2/NDF: 656.0/7

In: -80.700+/-1.564 χ^2/NDF:91.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -93.944+/-0.980 χ^2/NDF: 656.0/7



Right In: 9.131+/-3.374 χ^2/NDF: 12.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.475+/-2.715 χ^2/NDF: 46.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

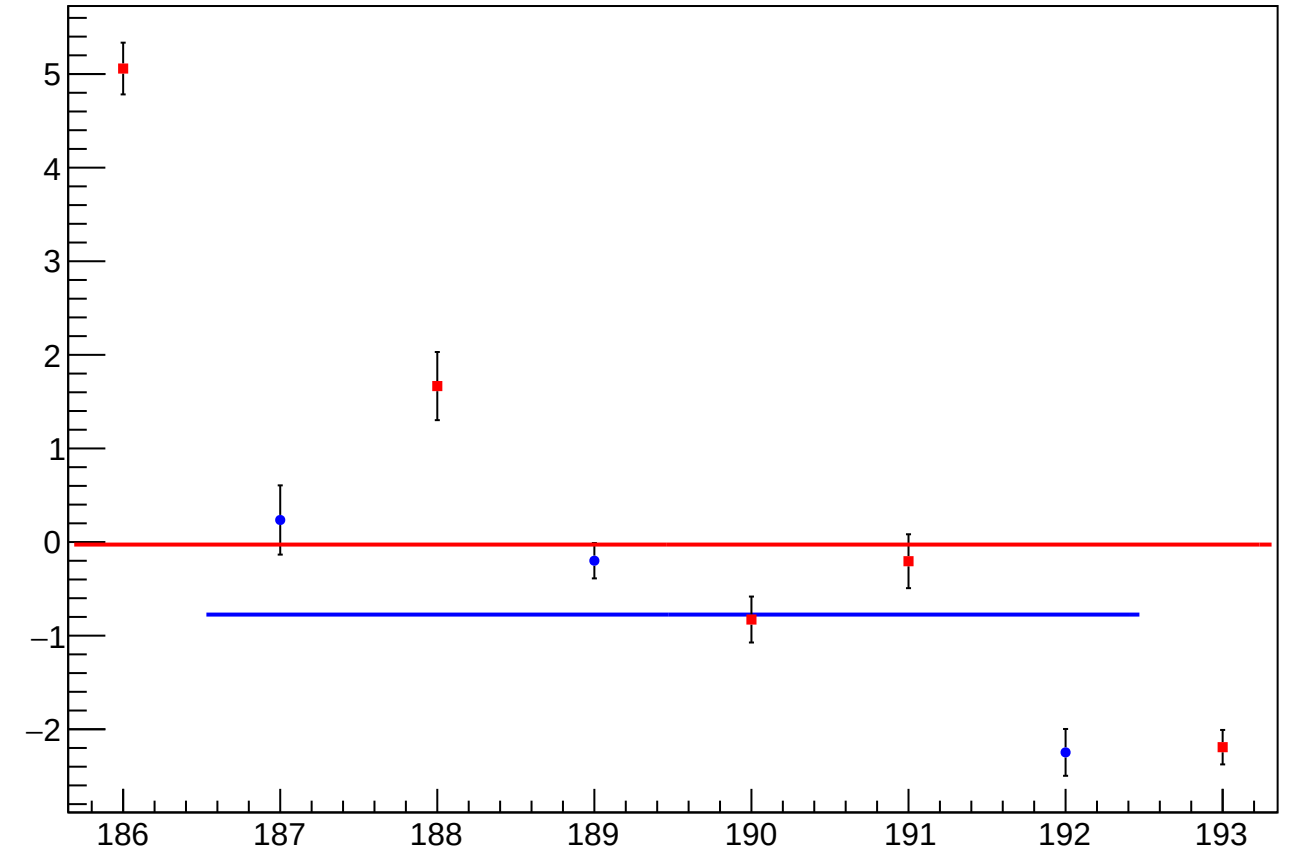
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 22.086+/-2.115 χ^2/NDF: 83.5/7

In: 9.131+/-3.374 χ^2/NDF:12.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.086+/-2.115 χ^2/NDF: 83.5/7



Right In: -0.775+/-0.140 χ^2/NDF: 51.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.027+/-0.113 χ^2/NDF: 509.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

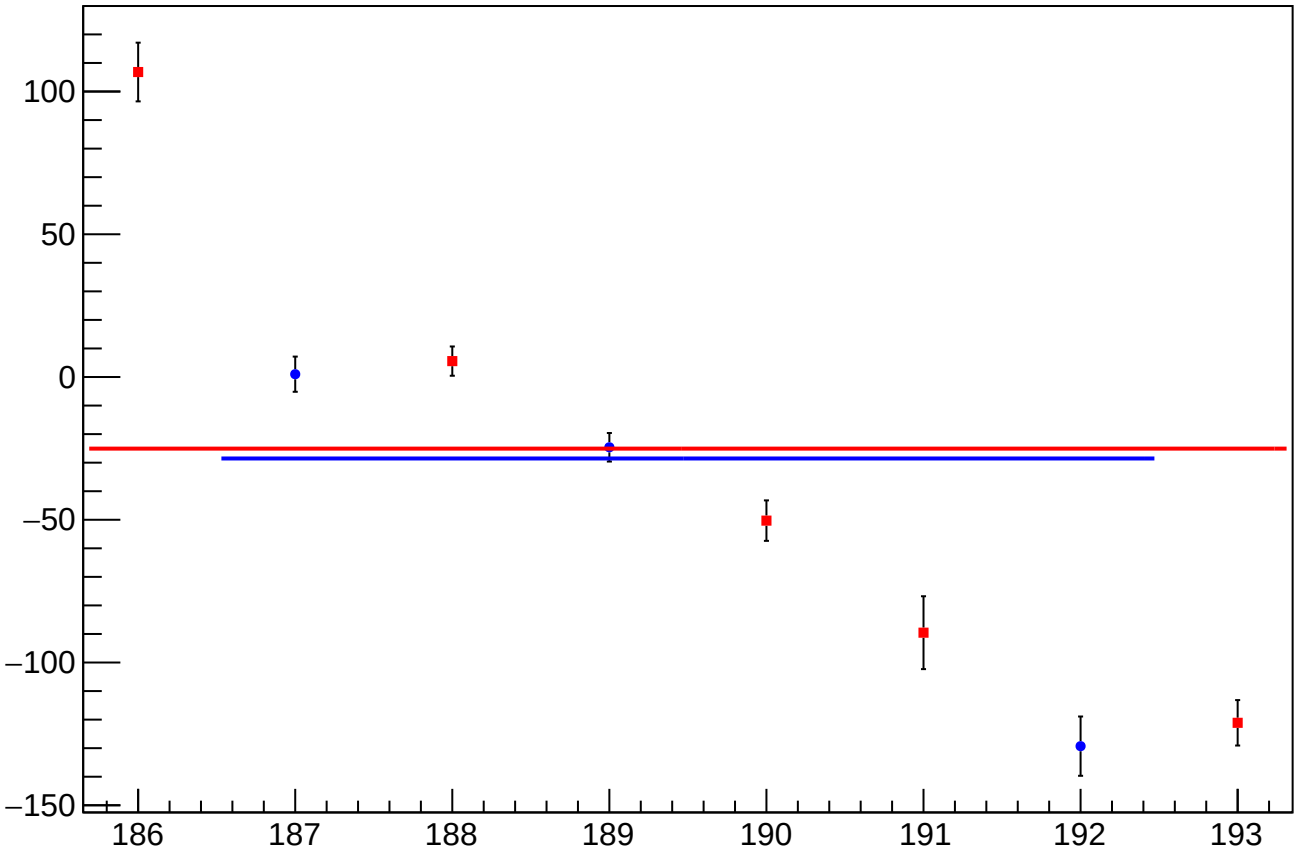
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.322+/-0.088 χ^2/NDF: 578.4/7

In: -0.775+/-0.140 χ^2/NDF:51.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.322+/-0.088 χ^2/NDF: 578.4/7



Right In: -28.535+/-3.635 χ^2/NDF: 117.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.078+/-3.345 χ^2/NDF: 384.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

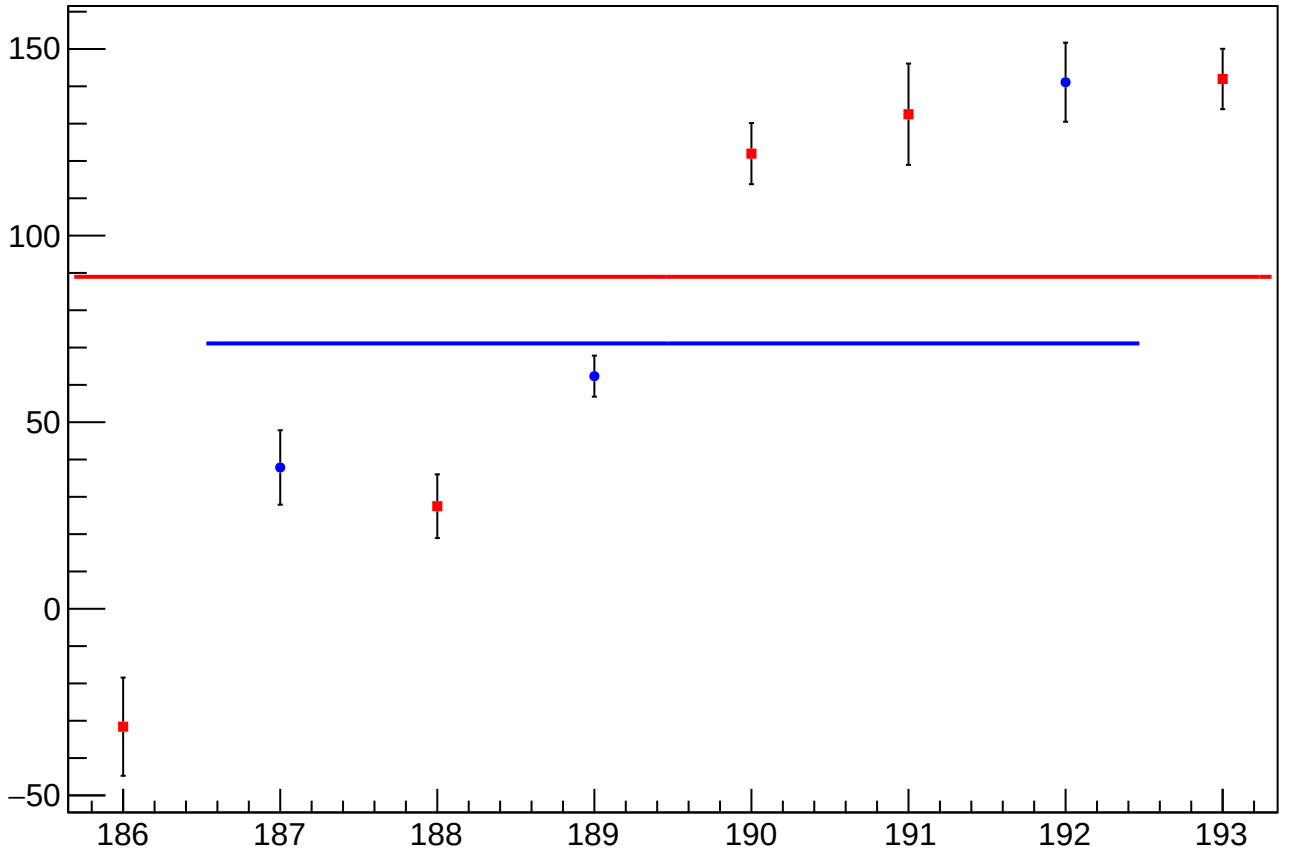
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -26.663+/-2.462 χ^2/NDF: 502.4/7

In: -28.535+/-3.635 χ^2/NDF:117.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.663+/-2.462 χ^2/NDF: 502.4/7



Right In: 71.104+/-4.385 χ^2/NDF: 57.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 88.960+/-4.260 χ^2/NDF: 205.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

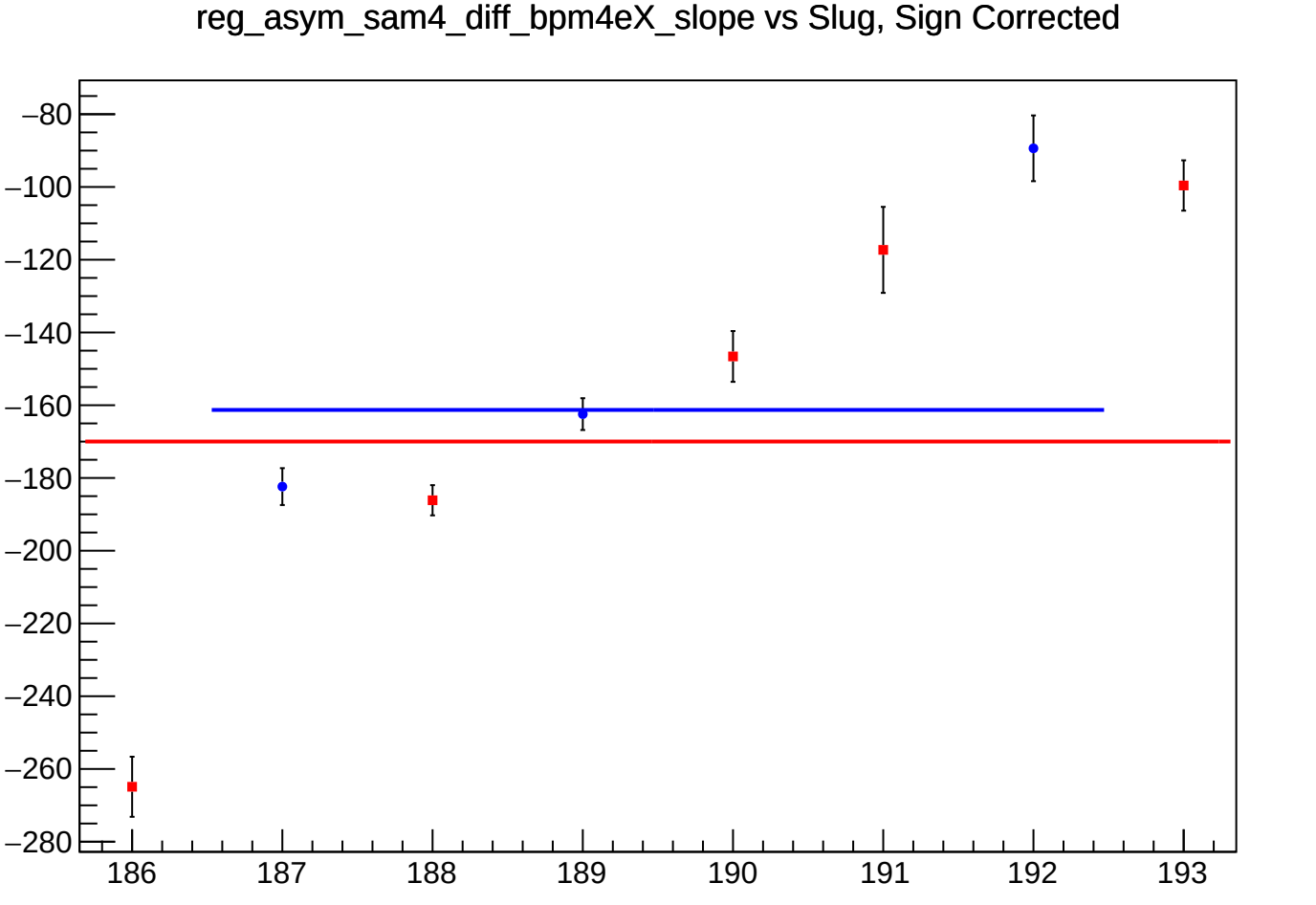
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

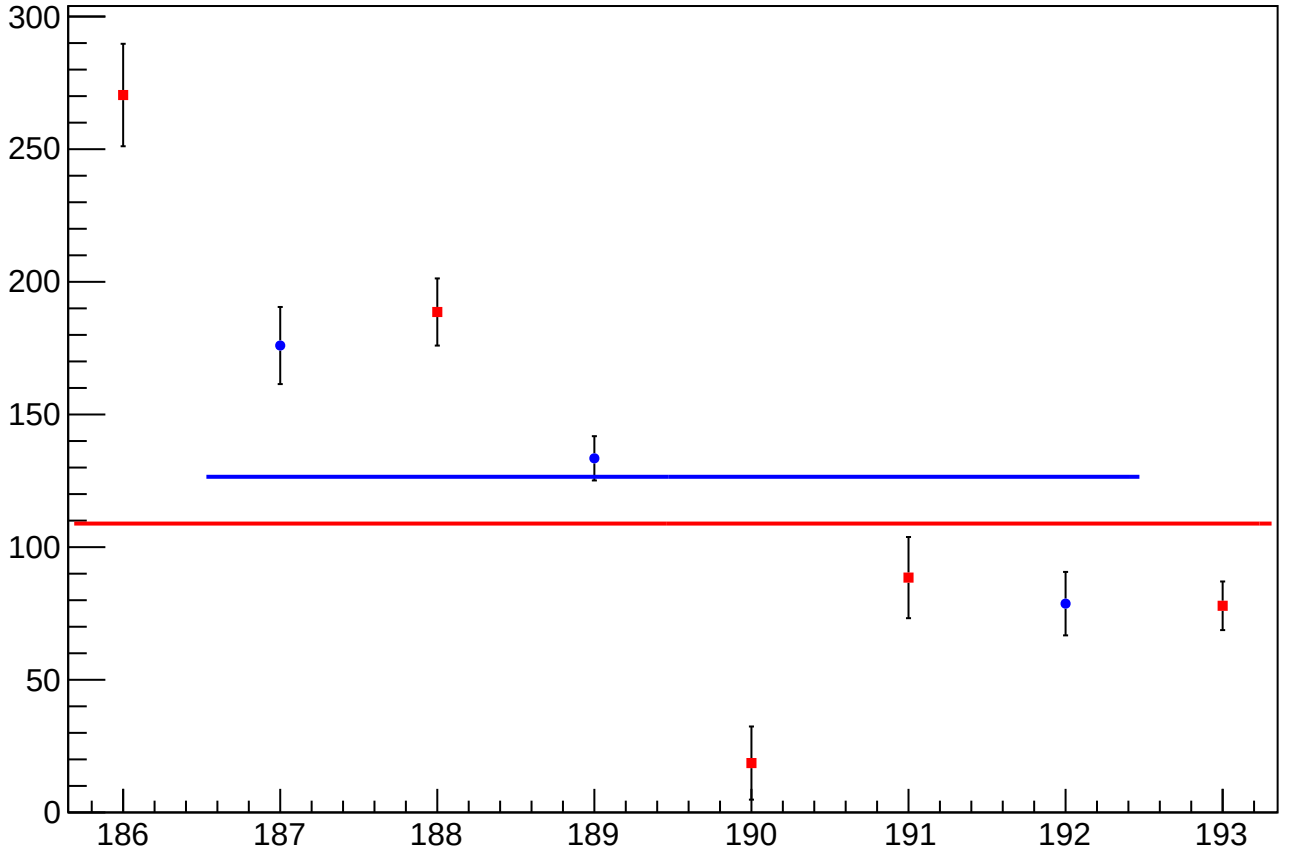
Right: 80.290+/-3.056 χ^2/NDF: 271.0/7

In: 71.104+/-4.385 χ^2/NDF:57.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 80.290+/-3.056 χ^2/NDF: 271.0/7


reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected
−80
−100
−120
−140
−160
−180
−200
−220
−240
−260
−280
186
187
188
189
190
191
192
193
Right In: -161.298+/-3.108 χ²/NDF: 80.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -169.981+/-2.873 χ²/NDF: 281.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -165.981+/-2.110 χ²/NDF: 366.7/7
In: -161.298+/-3.108 χ²/NDF:80.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -165.981+/-2.110 χ²/NDF: 366.7/7



Right In: 126.521+/-6.191 χ^2/NDF: 28.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 108.887+/-5.738 χ^2/NDF: 165.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

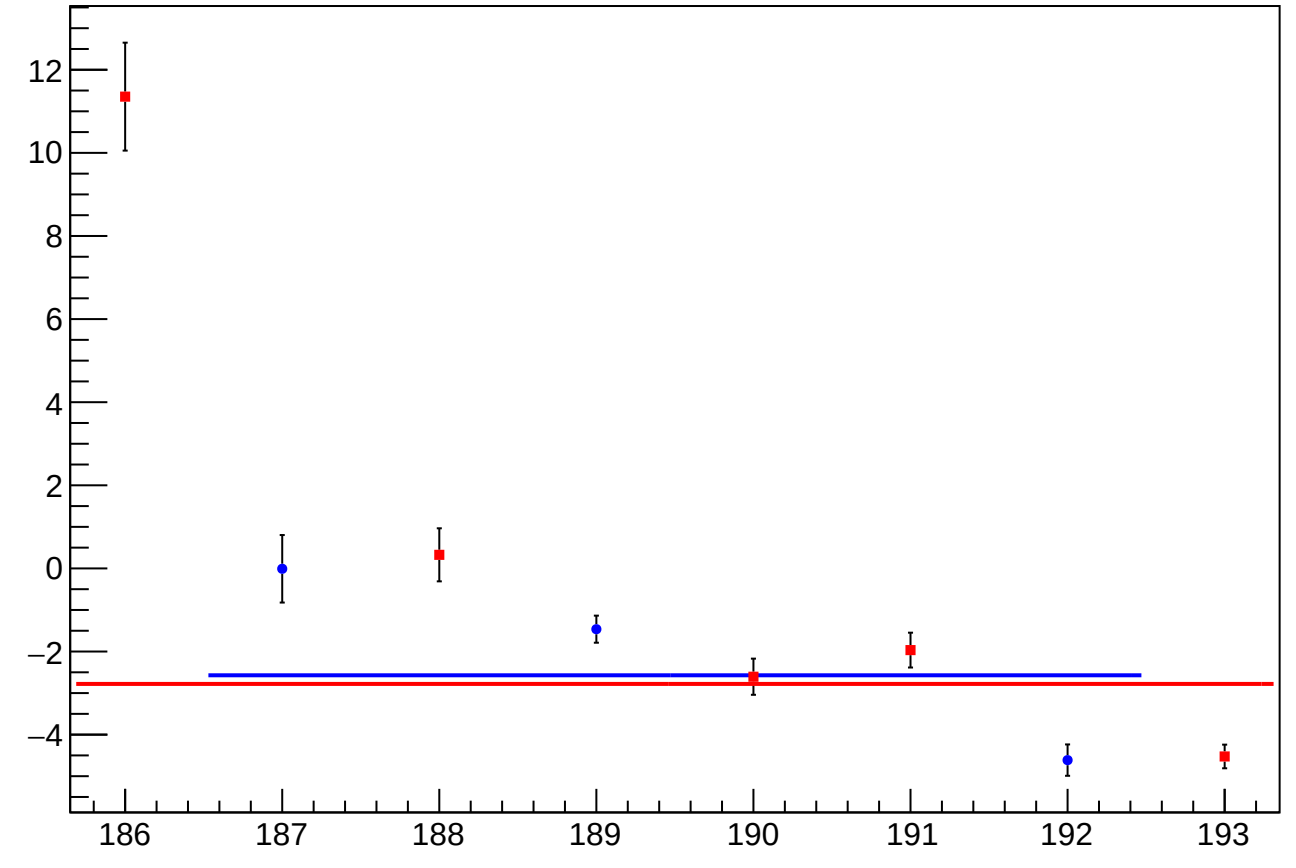
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 117.035+/-4.209 χ^2/NDF: 198.4/7

In: 126.521+/-6.191 χ^2/NDF:28.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 117.035+/-4.209 χ^2/NDF: 198.4/7



Right In: -2.572+/-0.236 χ^2/NDF: 50.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.780+/-0.195 χ^2/NDF: 183.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

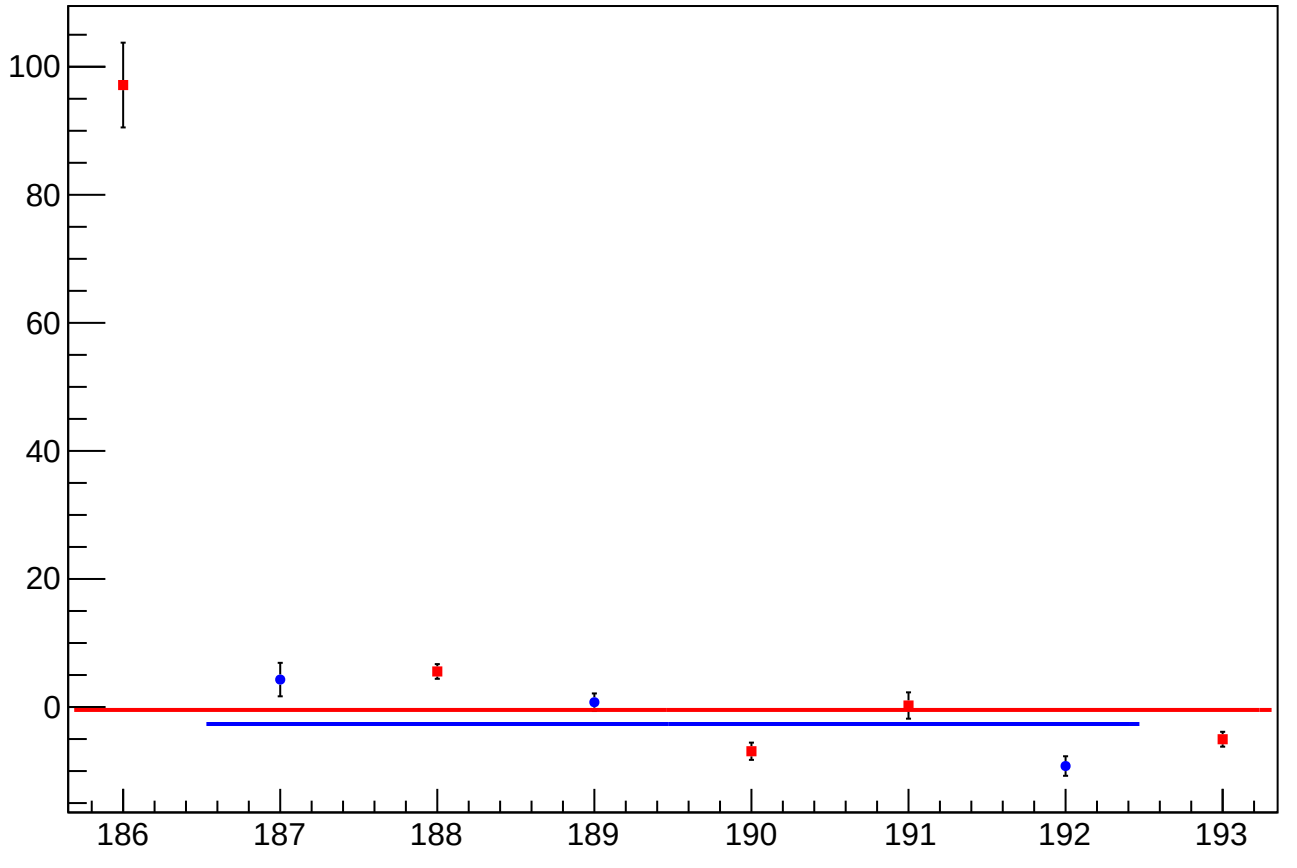
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2.695+/-0.150 χ^2/NDF: 234.9/7

In: -2.572+/-0.236 χ^2/NDF:50.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.695+/-0.150 χ^2/NDF: 234.9/7



Right In: -2.652+/-0.951 χ^2/NDF: 31.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.456+/-0.658 χ^2/NDF: 283.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

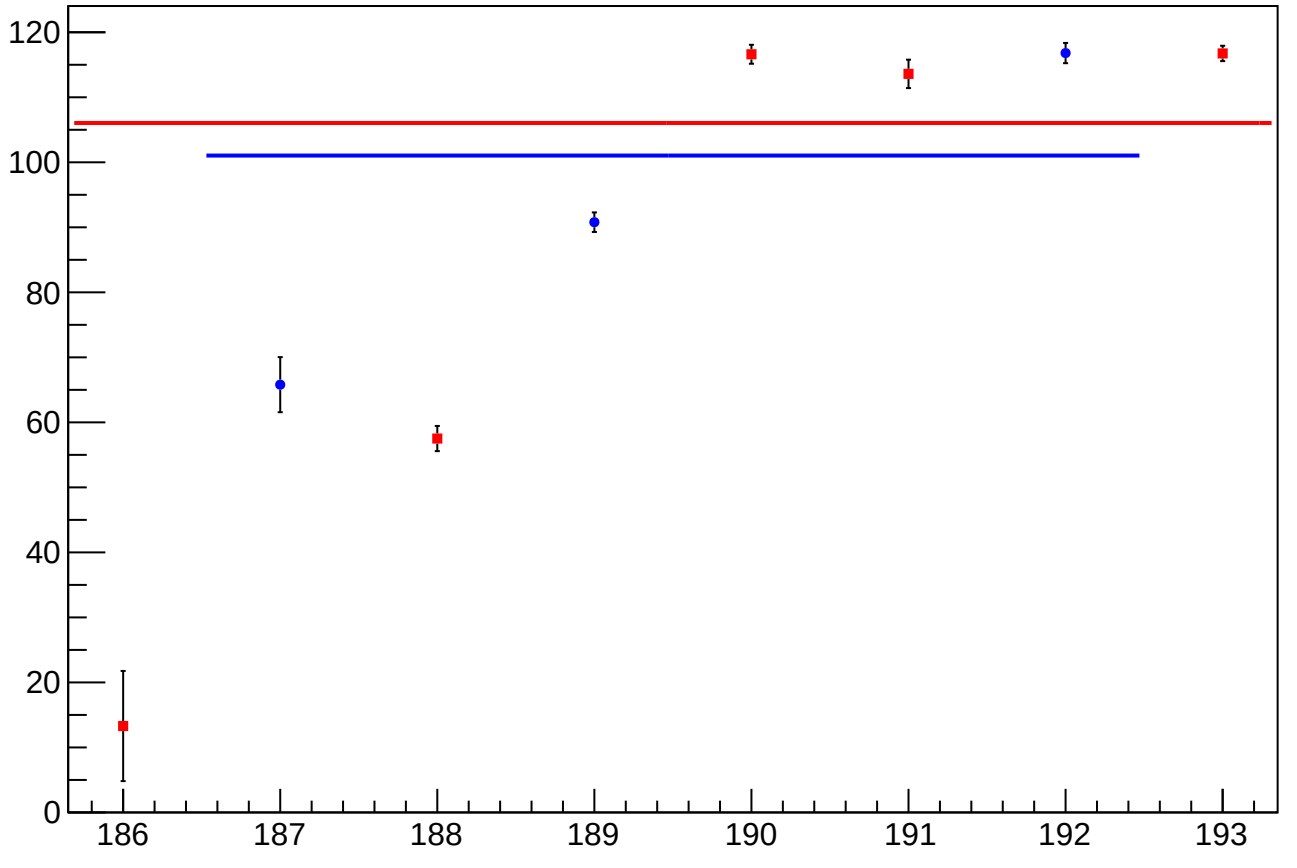
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.167+/-0.541 χ^2/NDF: 318.6/7

In: -2.652+/-0.951 χ^2/NDF:31.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.167+/-0.541 χ^2/NDF: 318.6/7



Right In: 101.037+/-1.049 χ^2/NDF: 218.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.049+/-0.772 χ^2/NDF: 894.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

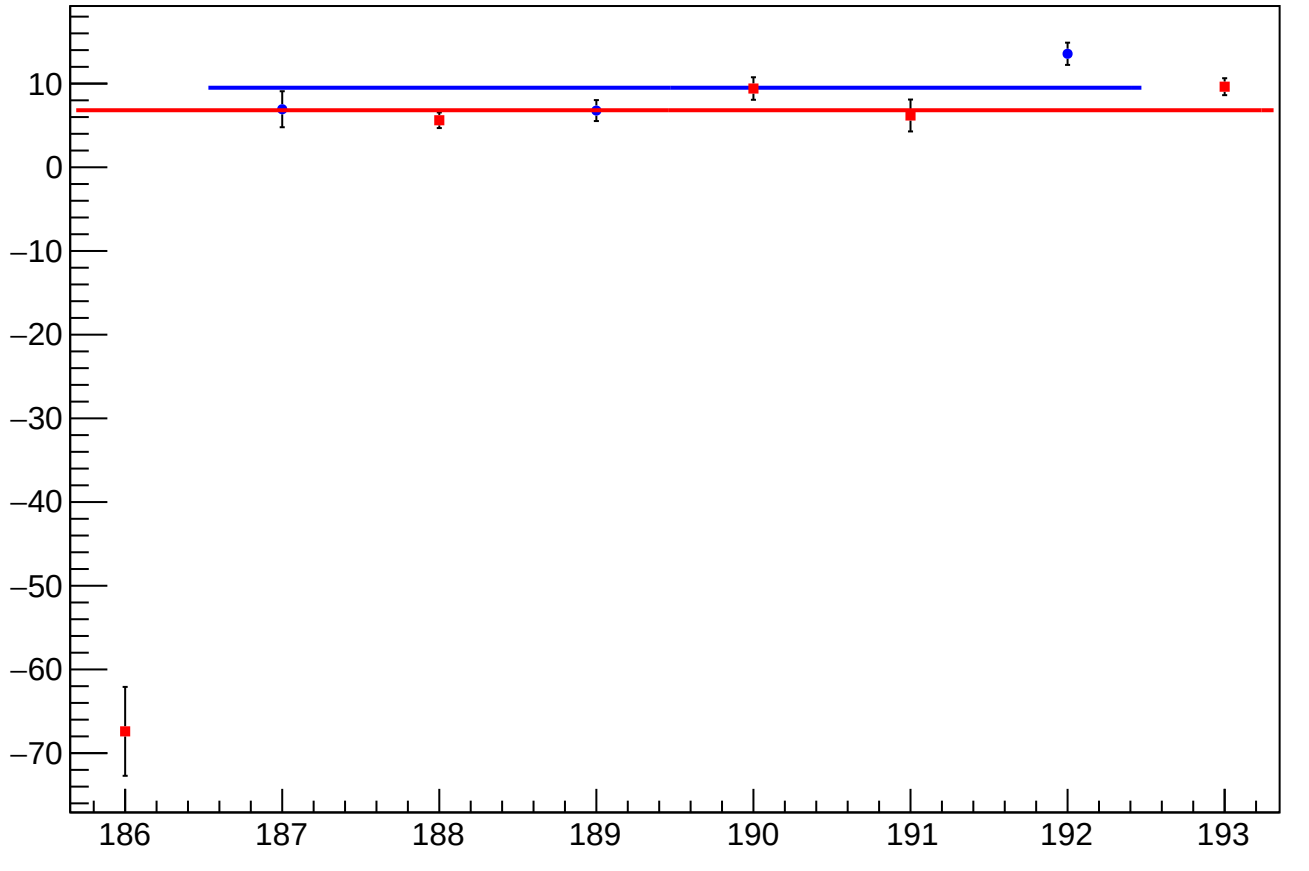
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 104.287+/-0.622 χ^2/NDF: 1127.3/7

In: 101.037+/-1.049 χ^2/NDF:218.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 104.287+/-0.622 χ^2/NDF: 1127.3/7



Right In: 9.505+/-0.839 χ^2/NDF: 15.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.816+/-0.578 χ^2/NDF: 208.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

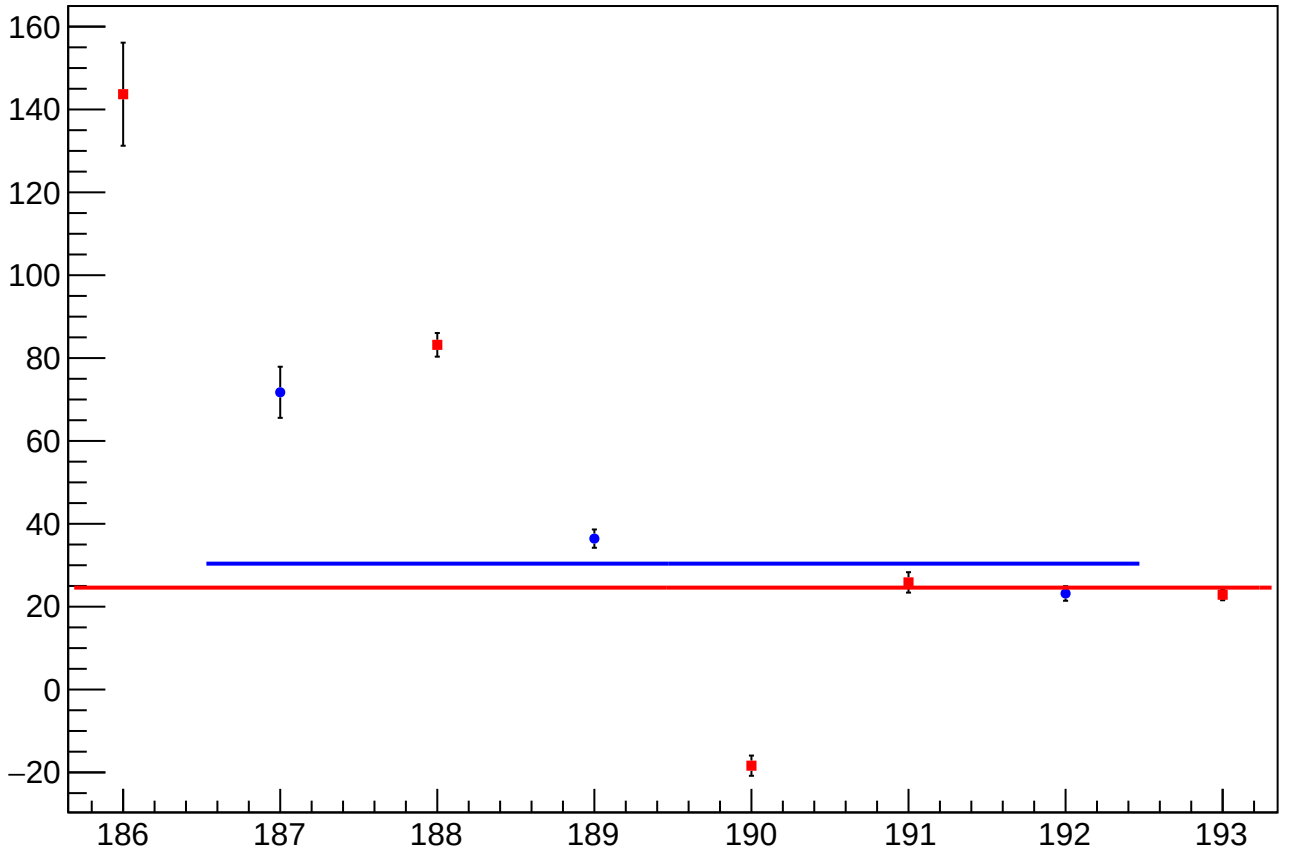
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

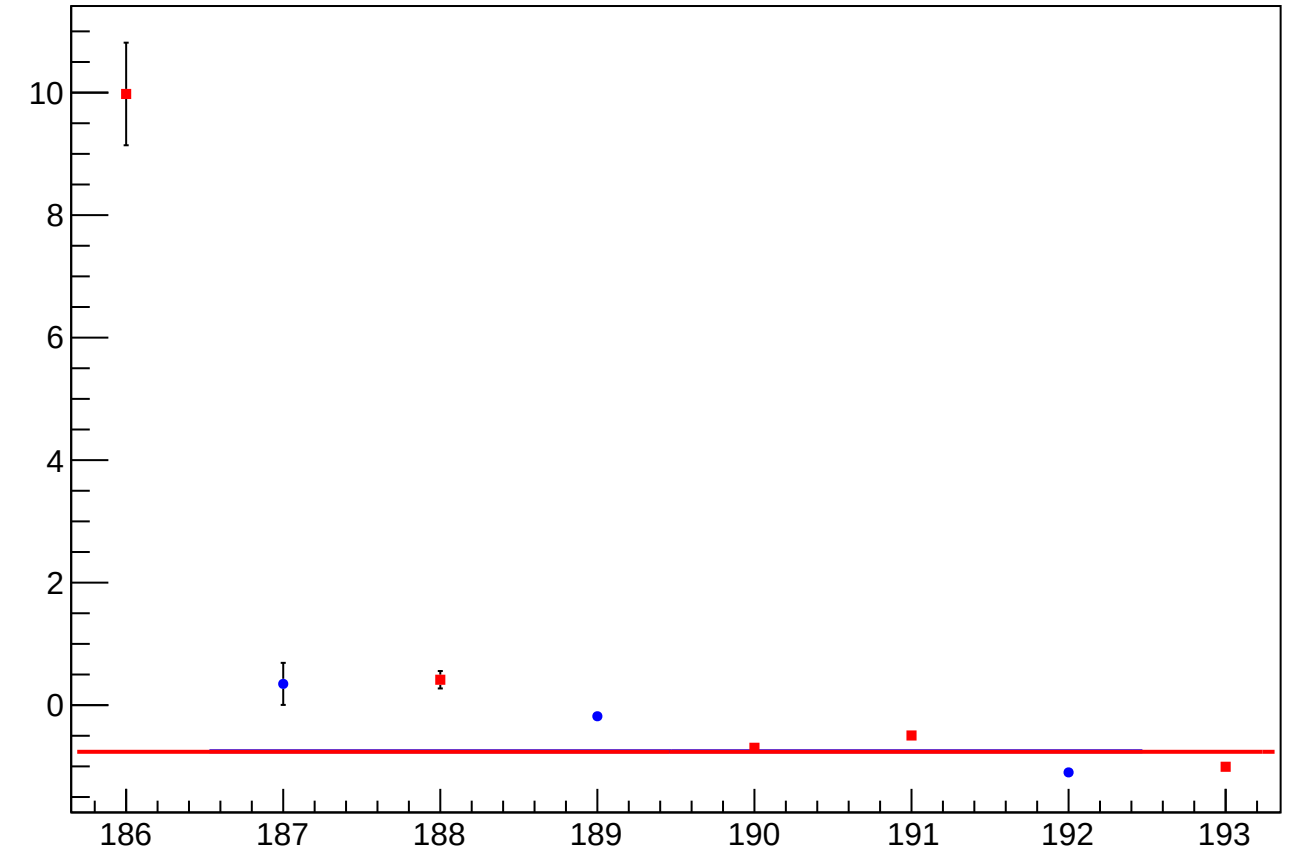
Right: 7.682+/-0.476 χ^2/NDF: 231.0/7

In: 9.505+/-0.839 χ^2/NDF:15.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.682+/-0.476 χ^2/NDF: 231.0/7


reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected
160
140
120
100
80
60
40
20
0
−20
186
187
188
189
190
191
192
193
Right In: 30.384+/-1.343 χ²/NDF: 69.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 24.599+/-0.990 χ²/NDF: 825.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 26.634+/-0.797 χ²/NDF: 906.3/7
In: 30.384+/-1.343 χ²/NDF:69.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 26.634+/-0.797 χ²/NDF: 906.3/7



Right In: -0.753+/-0.044 χ^2/NDF: 107.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.762+/-0.031 χ^2/NDF: 284.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

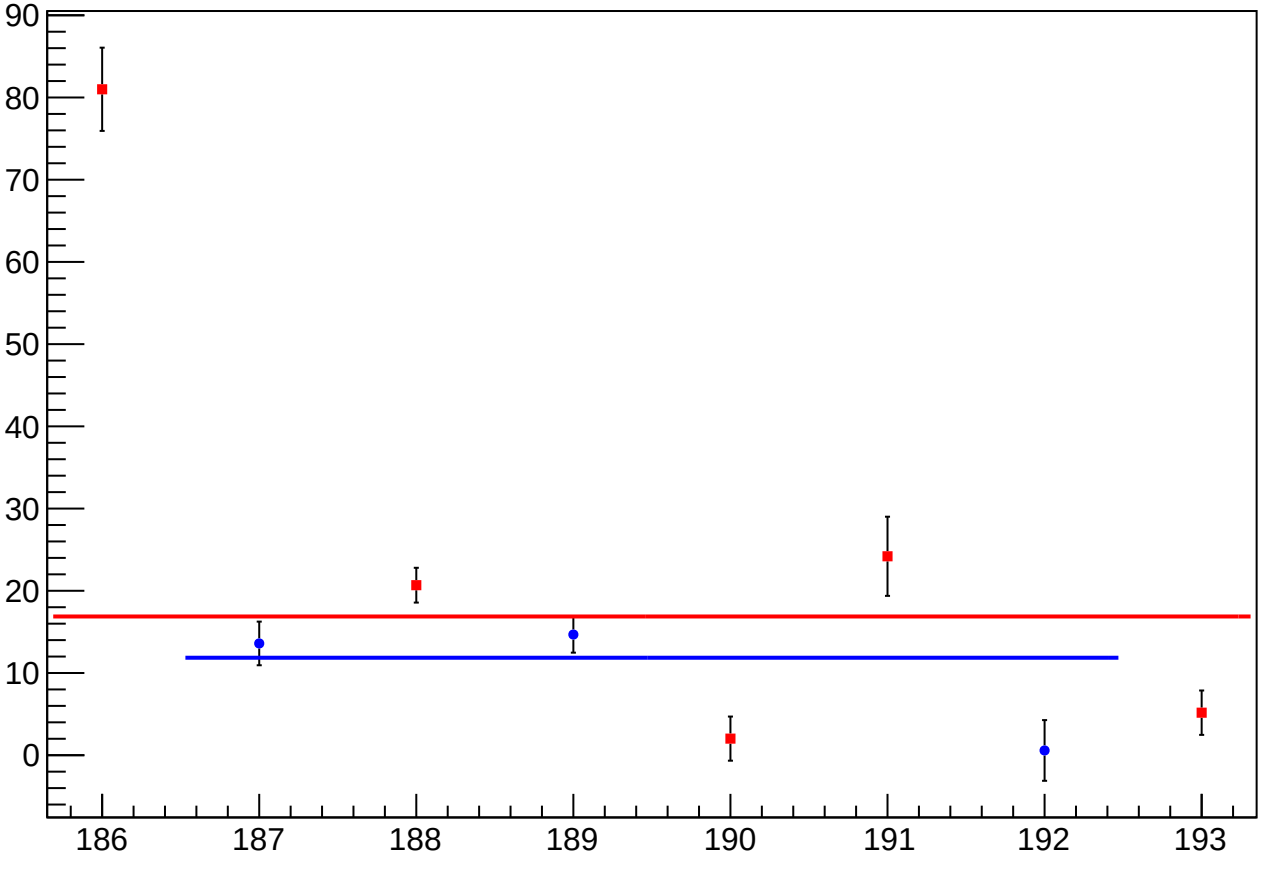
Right: -0.759+/-0.026 χ^2/NDF: 391.8/7

In: -0.753+/-0.044 χ^2/NDF:107.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.759+/-0.026 χ^2/NDF: 391.8/7

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.857+/-1.541 χ^2/NDF: 11.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.874+/-1.311 χ^2/NDF: 215.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

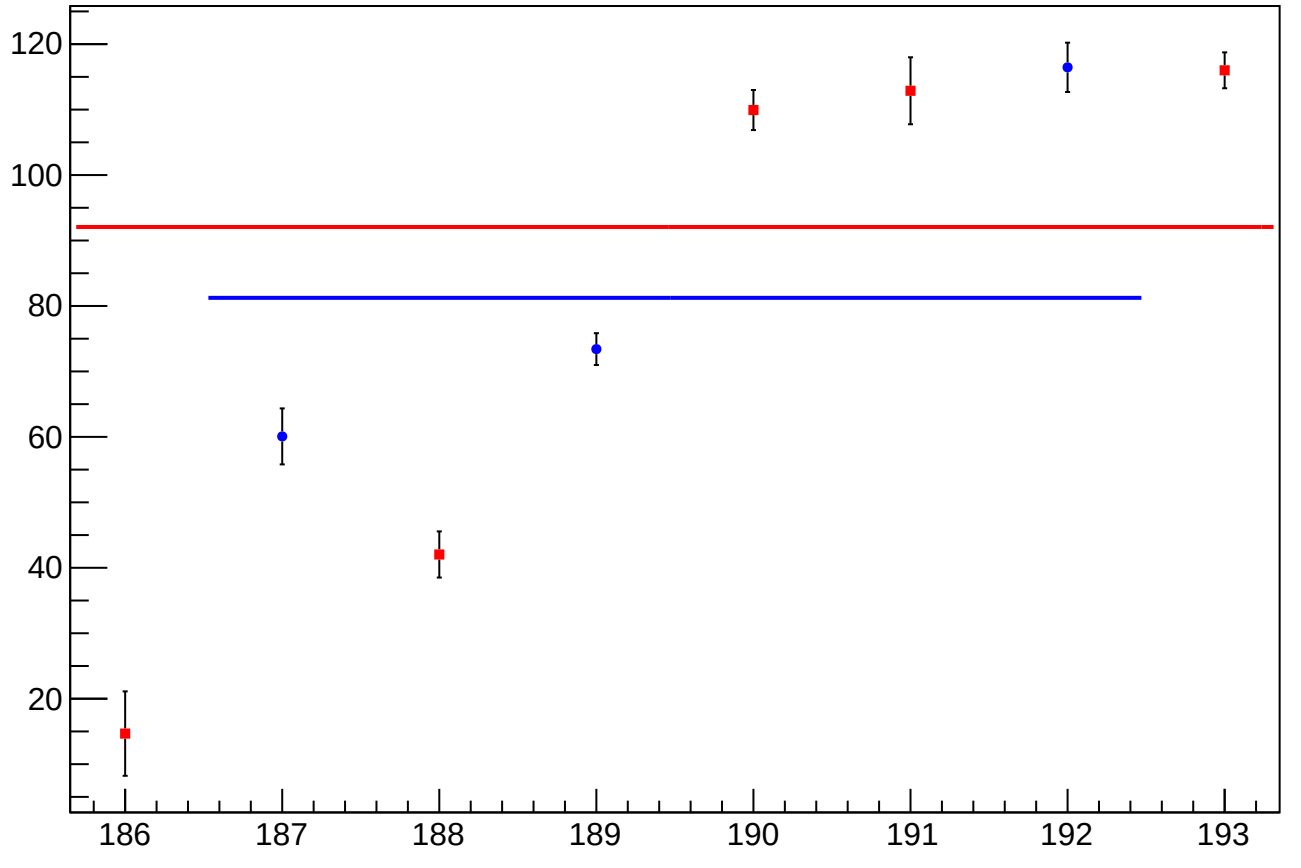
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 14.766+/-0.999 χ^2/NDF: 233.0/7

In: 11.857+/-1.541 χ^2/NDF:11.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 14.766+/-0.999 χ^2/NDF: 233.0/7



Right In: 81.243+/-1.844 χ^2/NDF: 122.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 92.069+/-1.617 χ^2/NDF: 472.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

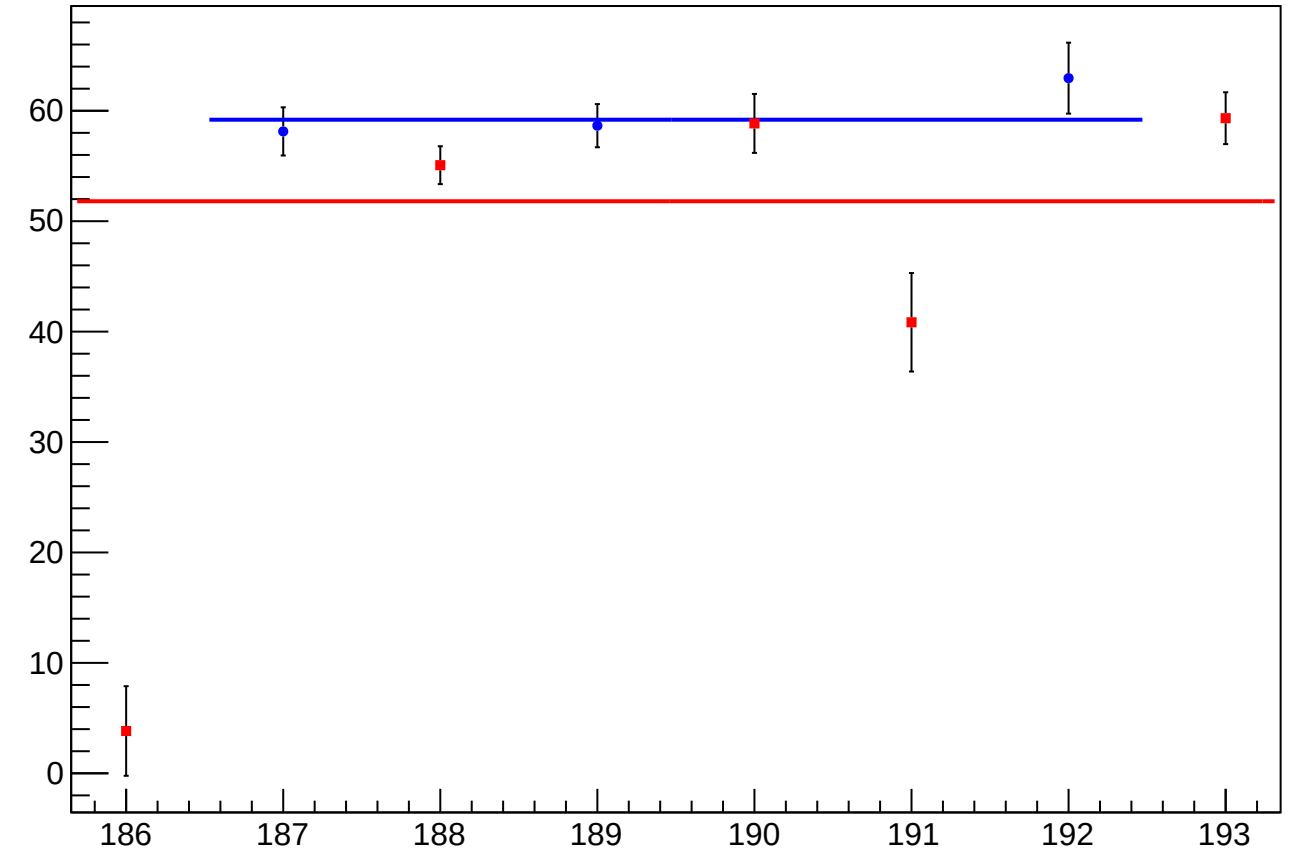
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 87.362+/-1.216 χ^2/NDF: 614.0/7

In: 81.243+/-1.844 χ^2/NDF:122.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 87.362+/-1.216 χ^2/NDF: 614.0/7



Right In: 59.192+/-1.326 χ^2/NDF: 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 51.807+/-1.137 χ^2/NDF: 166.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

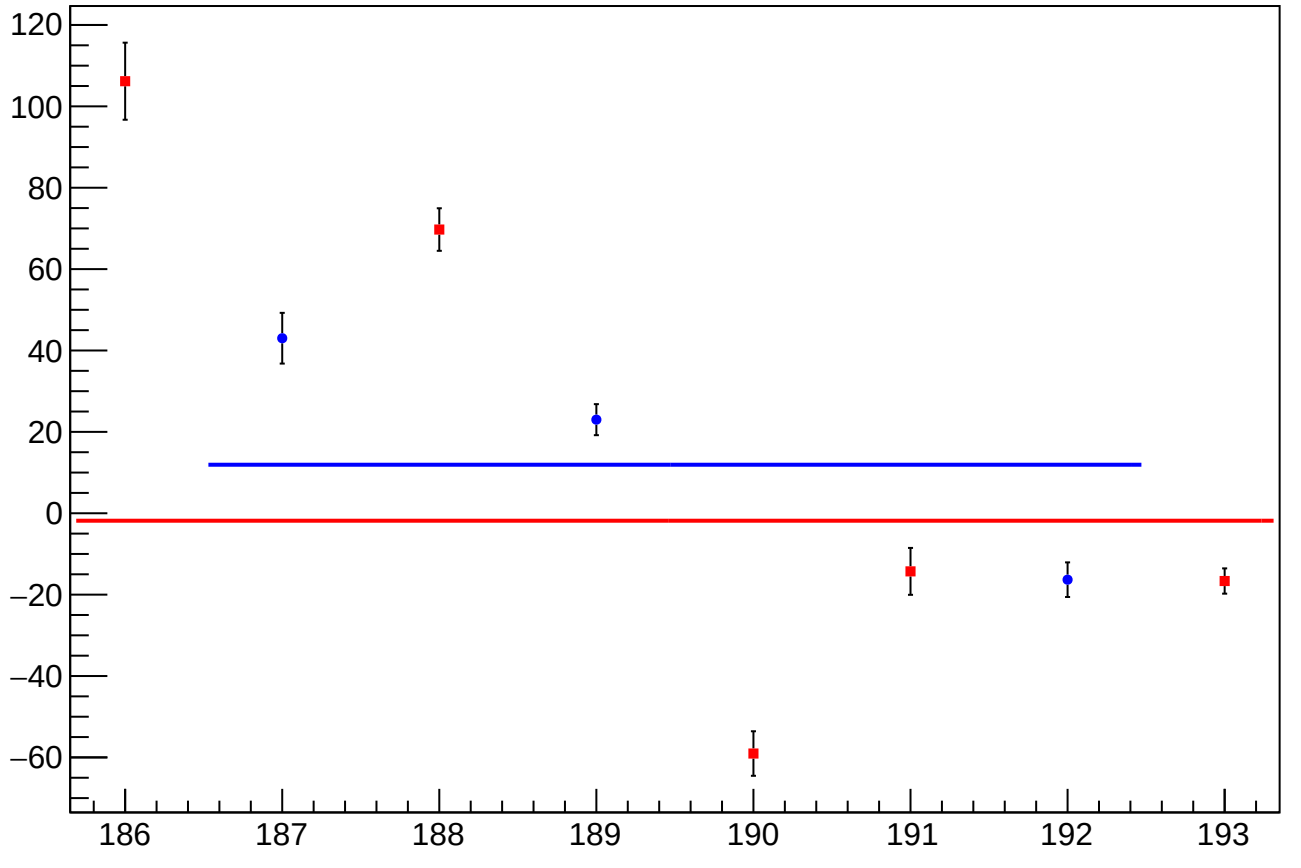
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 54.936+/-0.863 χ^2/NDF: 186.3/7

In: 59.192+/-1.326 χ^2/NDF:1.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 54.936+/-0.863 χ^2/NDF: 186.3/7



Right In: 11.926+/-2.584 χ^2/NDF: 77.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.831+/-2.157 χ^2/NDF: 454.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

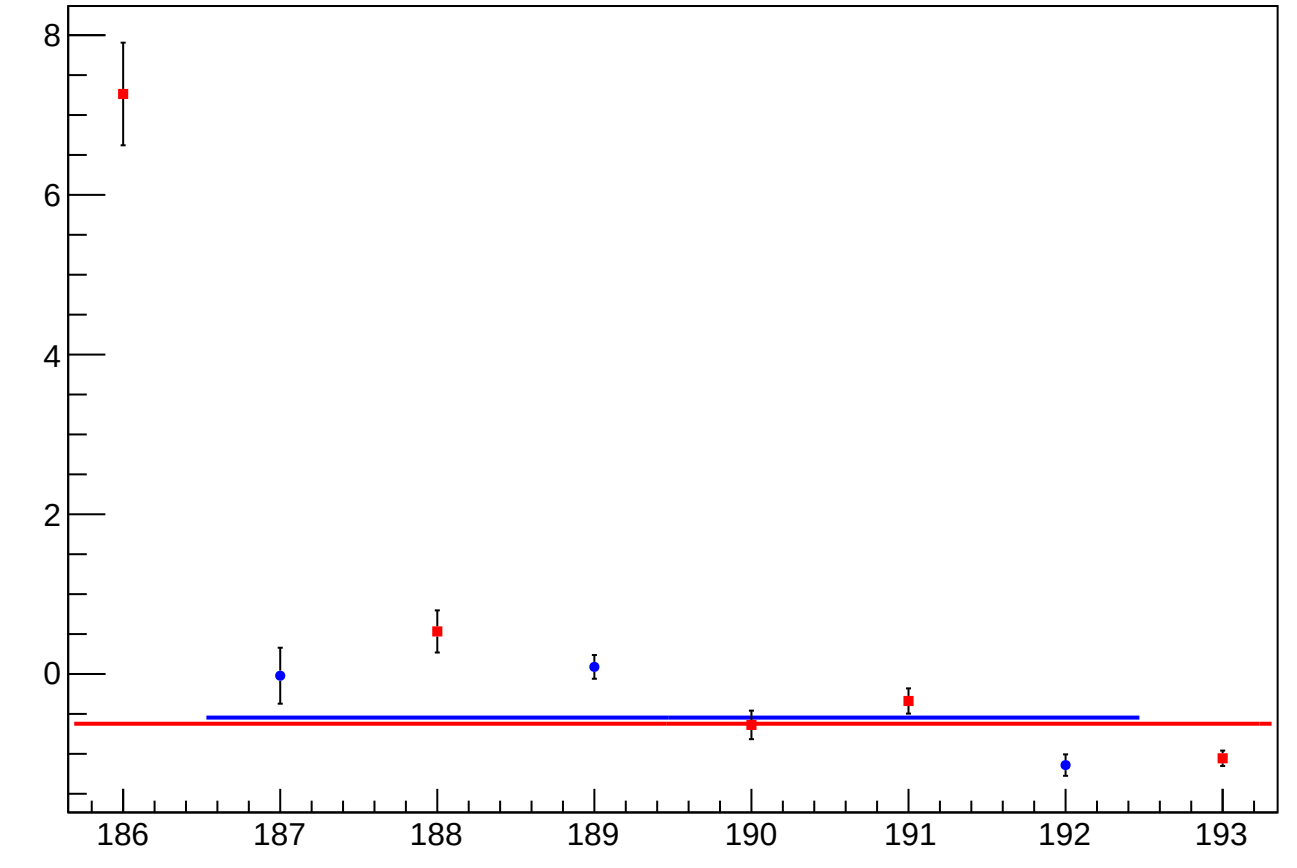
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.818+/-1.656 χ^2/NDF: 548.3/7

In: 11.926+/-2.584 χ^2/NDF:77.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.818+/-1.656 χ^2/NDF: 548.3/7



Right In: -0.546+/-0.096 χ^2/NDF: 40.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.623+/-0.071 χ^2/NDF: 193.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

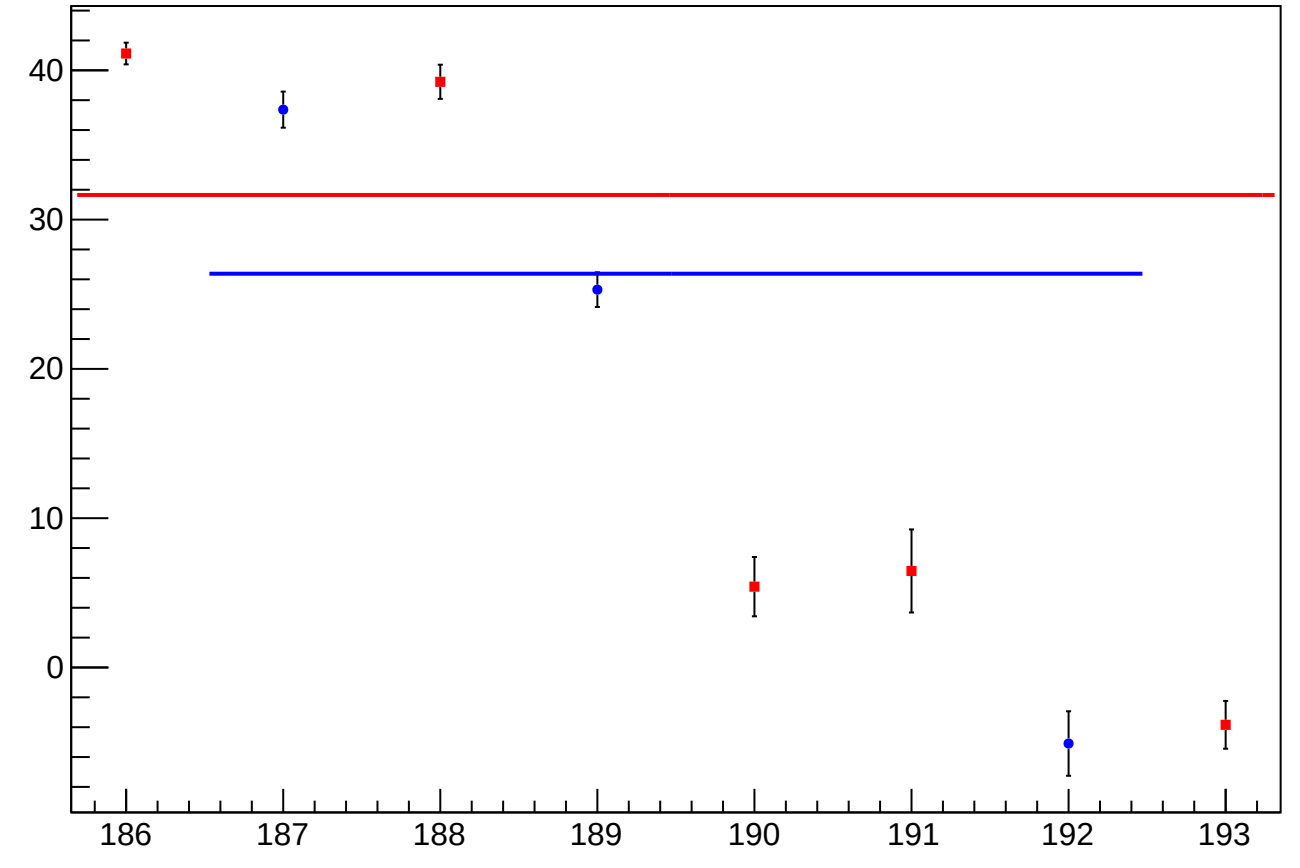
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.595+/-0.057 χ^2/NDF: 233.9/7

In: -0.546+/-0.096 χ^2/NDF:40.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.595+/-0.057 χ^2/NDF: 233.9/7



Right In: 26.375+/-0.780 χ^2/NDF: 295.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 31.650+/-0.540 χ^2/NDF: 961.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

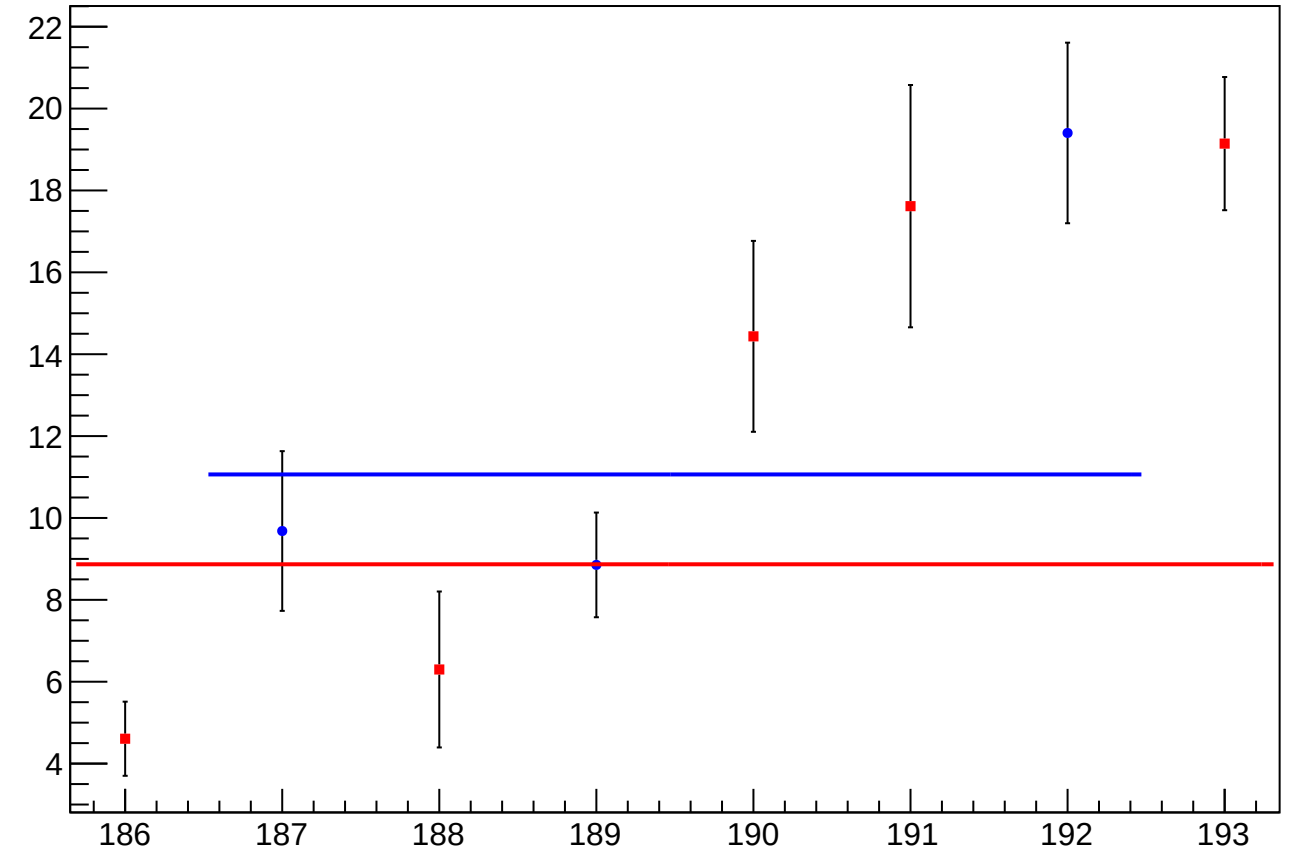
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 29.943+/-0.444 χ^2/NDF: 1288.5/7

In: 26.375+/-0.780 χ^2/NDF:295.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 29.943+/-0.444 χ^2/NDF: 1288.5/7



Right In: 11.063+/-0.962 χ^2/NDF: 17.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.868+/-0.679 χ^2/NDF: 78.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

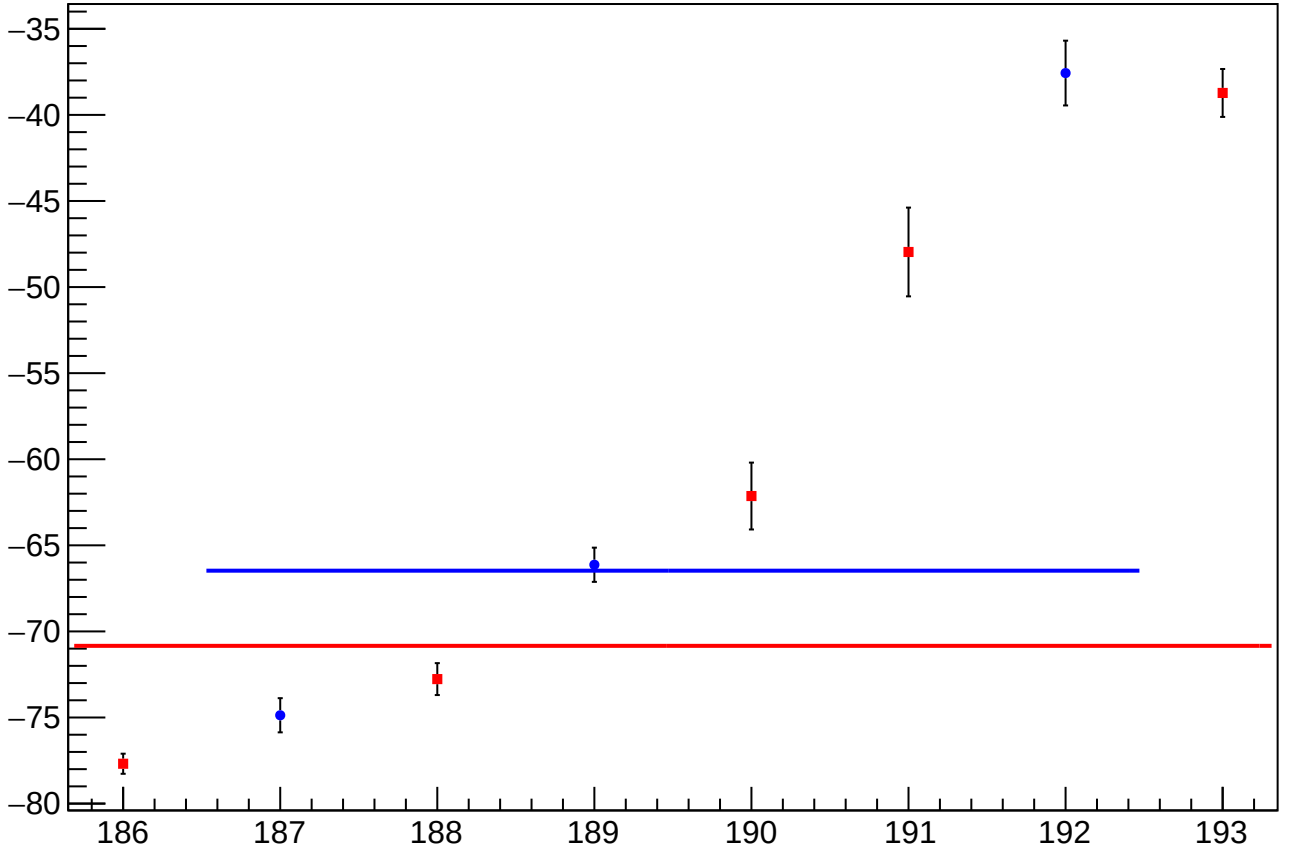
Right: 9.598+/-0.555 χ^2/NDF: 99.6/7

In: 11.063+/-0.962 χ^2/NDF:17.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.598+/-0.555 χ^2/NDF: 99.6/7

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.472+/-0.658 χ^2/NDF: 307.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -70.838+/-0.446 χ^2/NDF: 773.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

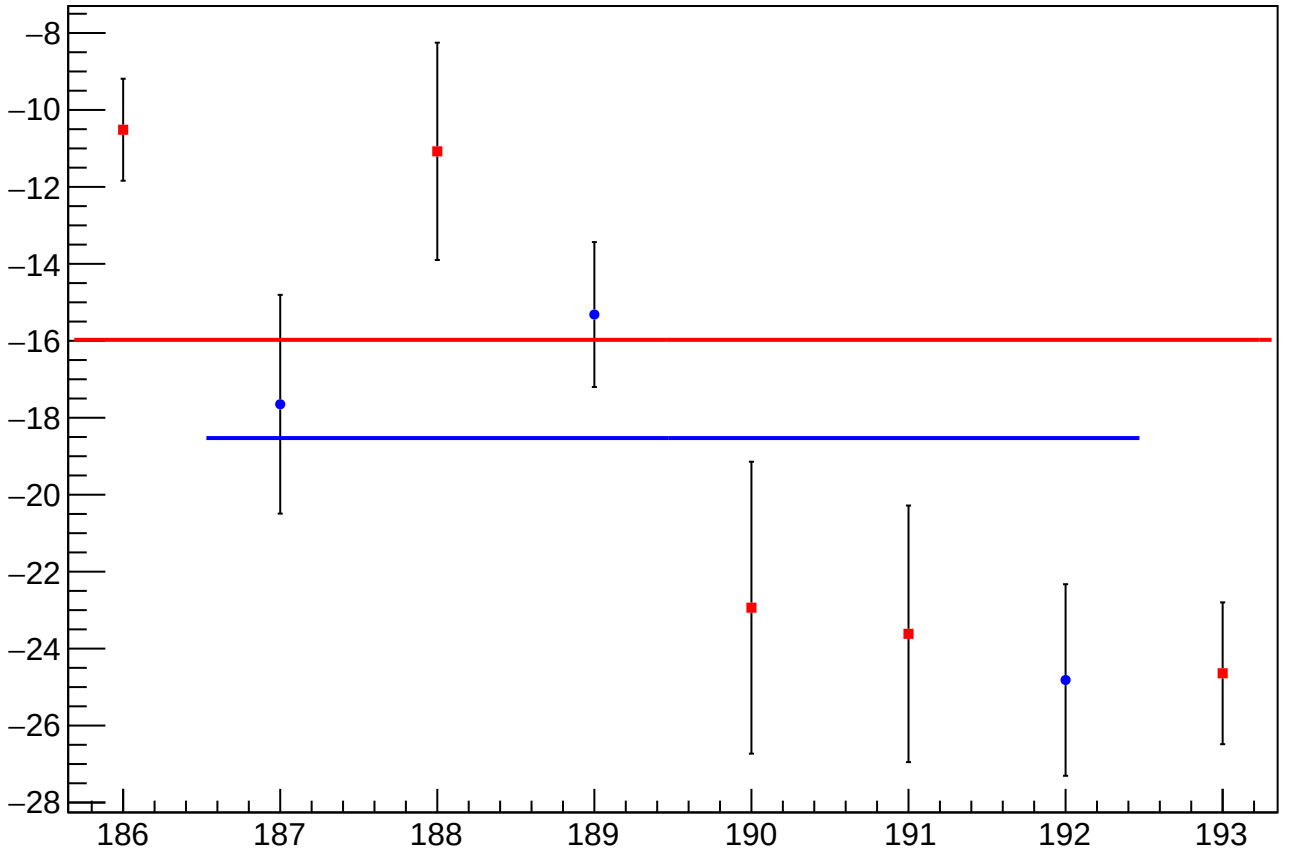
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -69.464+/-0.369 χ^2/NDF: 1110.9/7

In: -66.472+/-0.658 χ^2/NDF:307.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -69.464+/-0.369 χ^2/NDF: 1110.9/7



Right In: -18.528+/-1.328 χ^2/NDF: 9.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.974+/-0.933 χ^2/NDF: 50.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

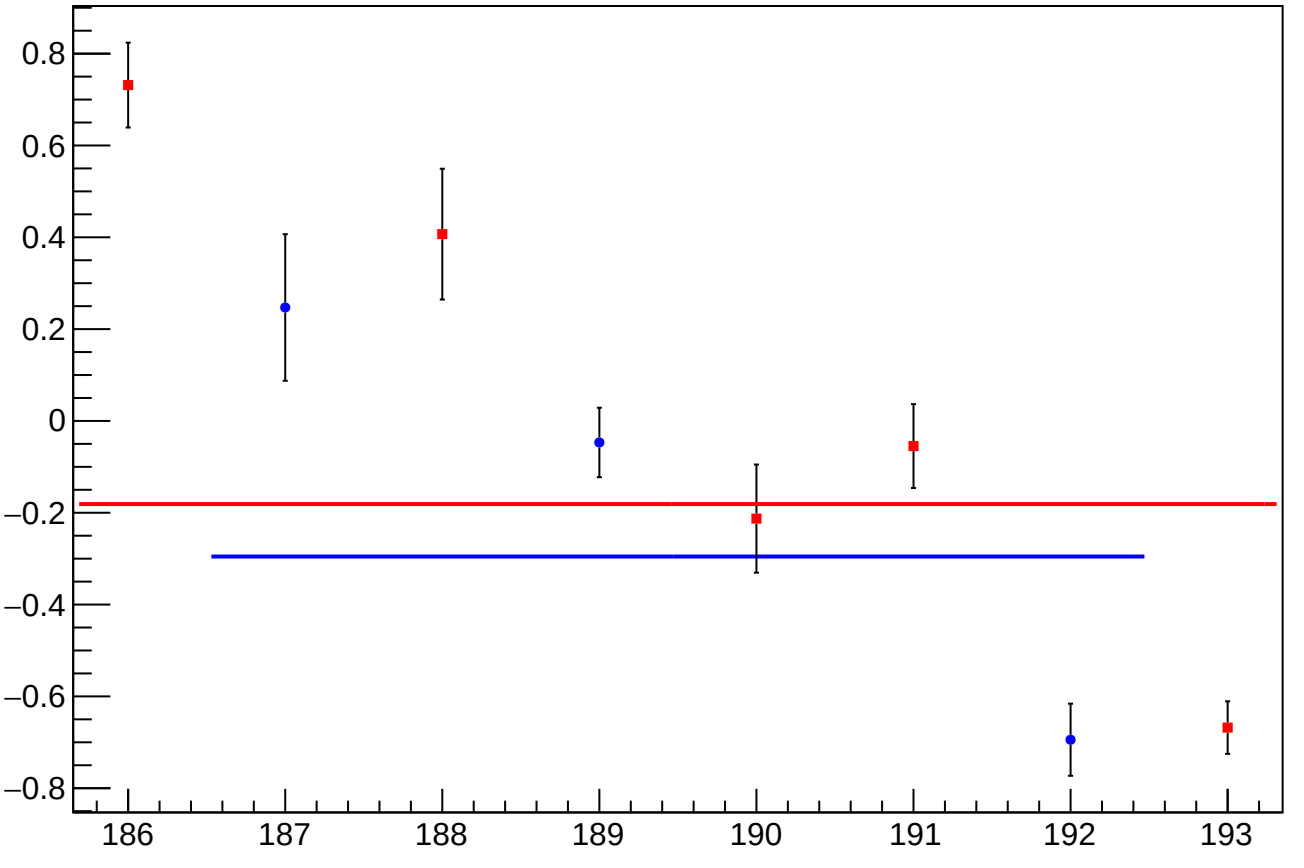
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -16.818+/-0.763 χ^2/NDF: 62.6/7

In: -18.528+/-1.328 χ^2/NDF:9.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -16.818+/-0.763 χ^2/NDF: 62.6/7



Right In: -0.295+/-0.052 χ^2/NDF: 48.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.181+/-0.039 χ^2/NDF: 188.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

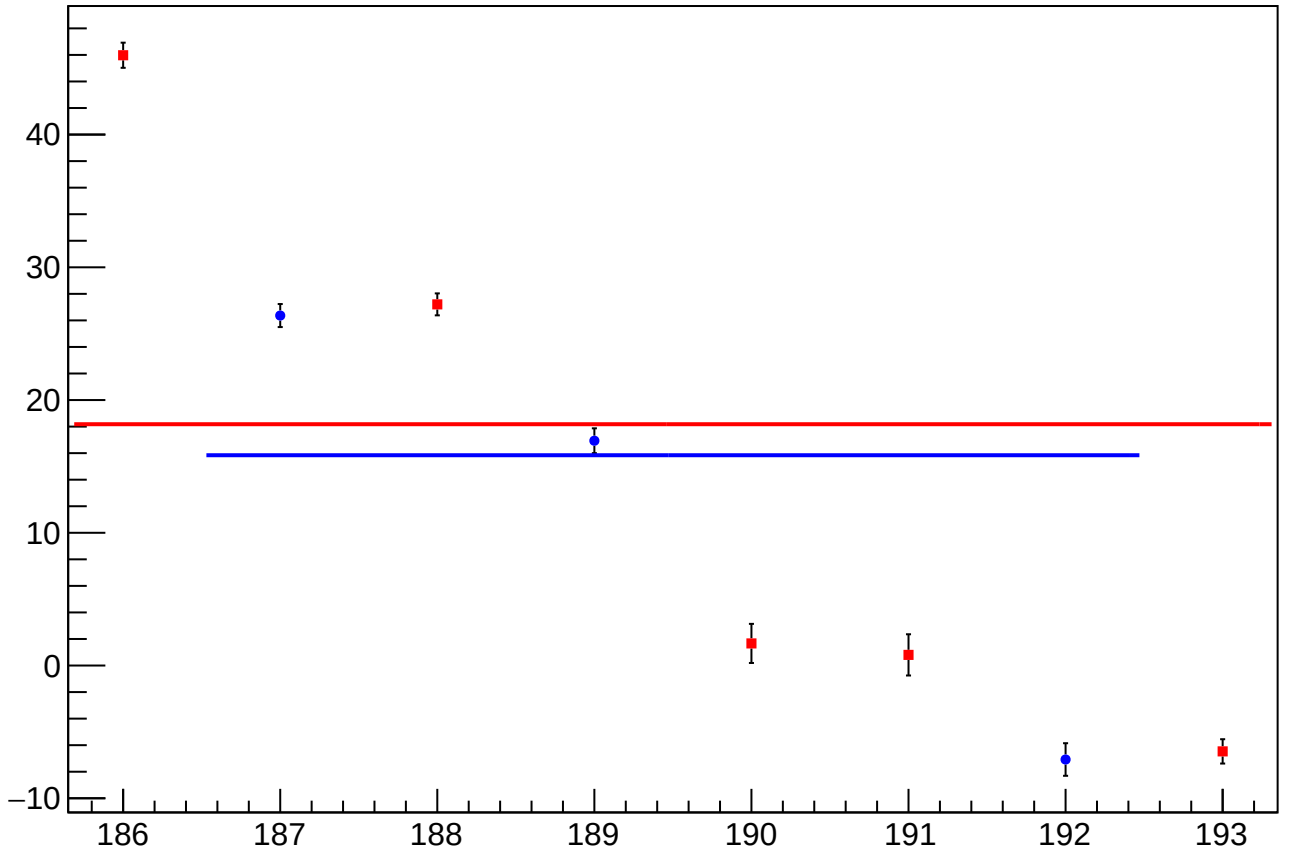
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.222+/-0.031 χ^2/NDF: 240.2/7

In: -0.295+/-0.052 χ^2/NDF:48.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.222+/-0.031 χ^2/NDF: 240.2/7



Right In: 15.843+/-0.565 χ^2/NDF: 497.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.180+/-0.464 χ^2/NDF: 1954.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

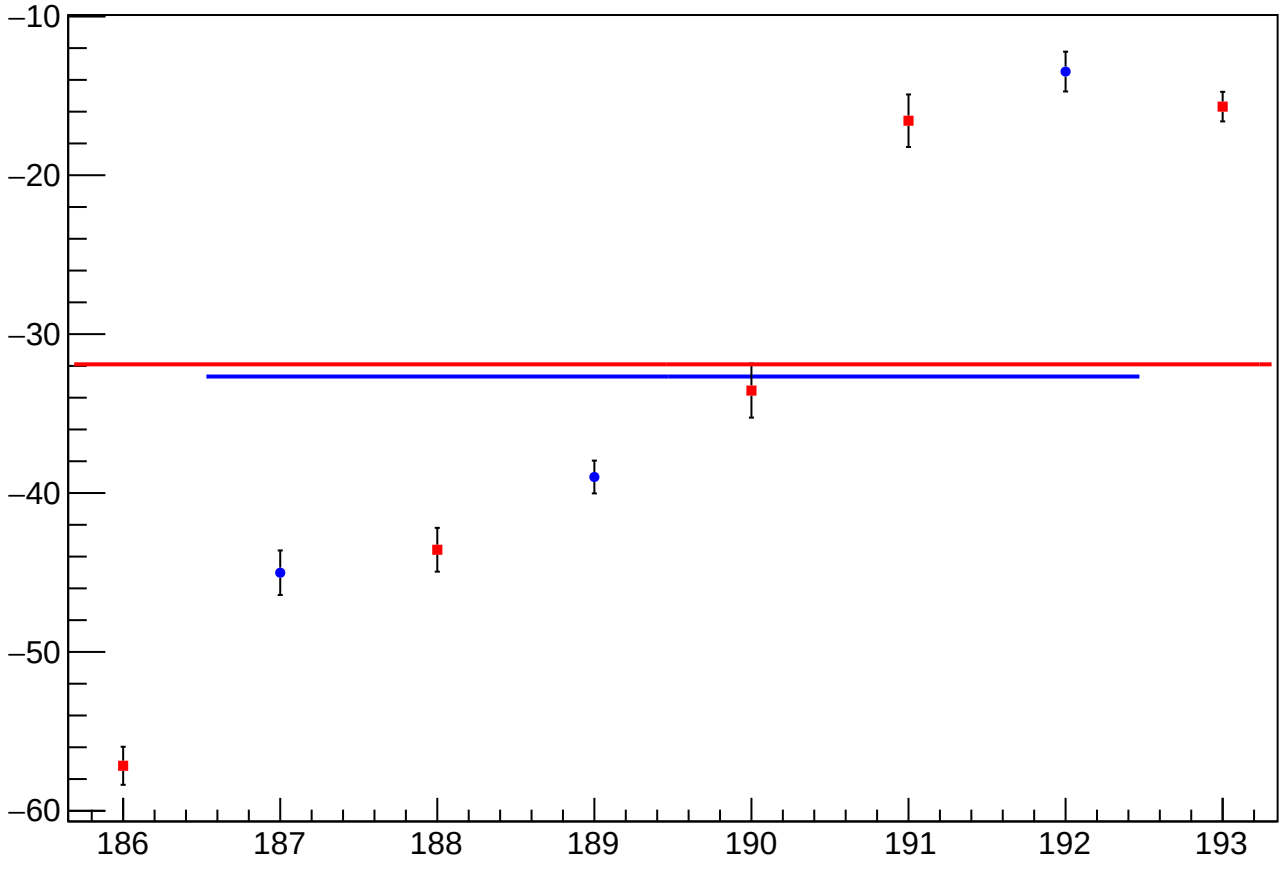
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 17.238+/-0.359 χ^2/NDF: 2461.4/7

In: 15.843+/-0.565 χ^2/NDF:497.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.238+/-0.359 χ^2/NDF: 2461.4/7



Right In: -32.668+/-0.692 χ^2/NDF: 349.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.901+/-0.569 χ^2/NDF: 906.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

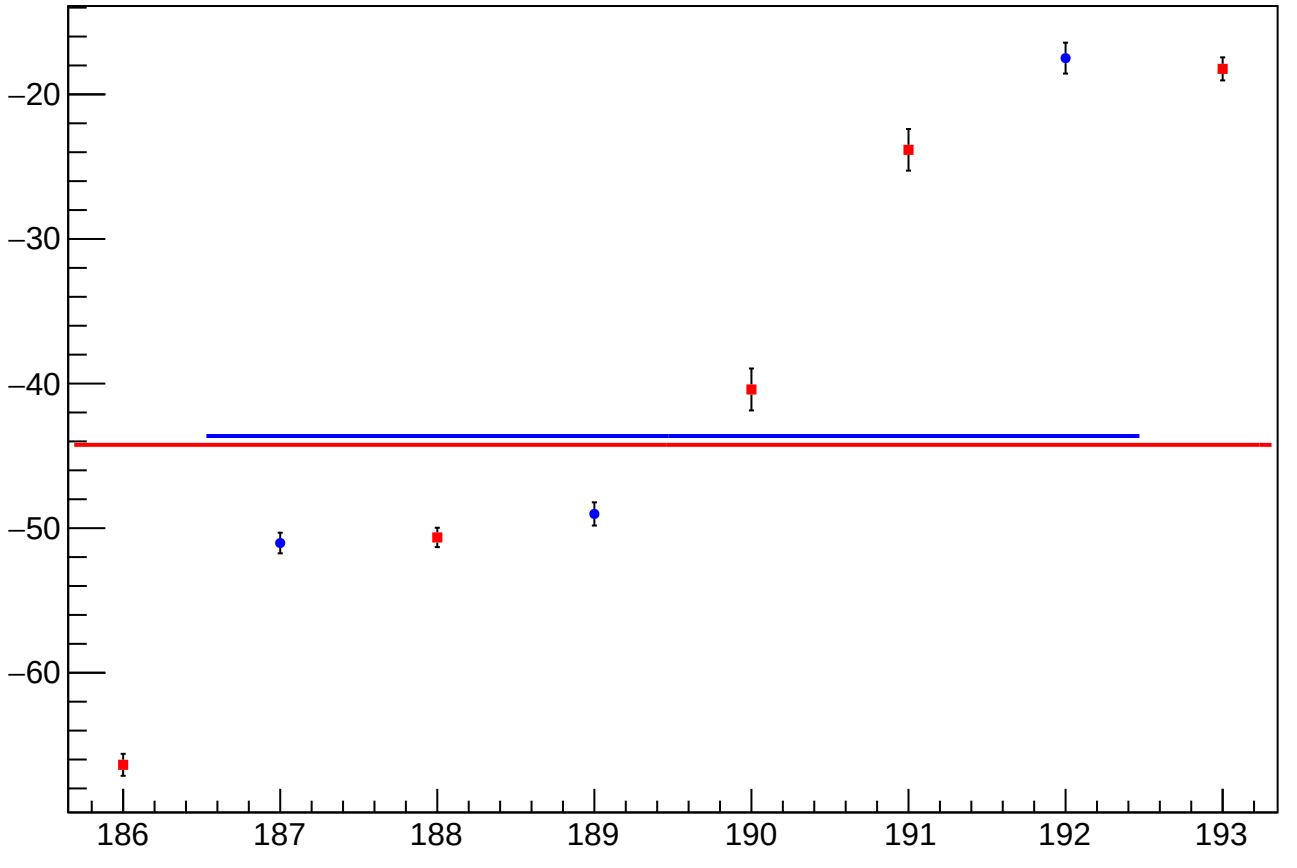
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.210+/-0.440 χ^2/NDF: 1257.6/7

In: -32.668+/-0.692 χ^2/NDF:349.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.210+/-0.440 χ^2/NDF: 1257.6/7



Right In: -43.627+/-0.477 χ^2/NDF: 751.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -44.238+/-0.392 χ^2/NDF: 2213.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

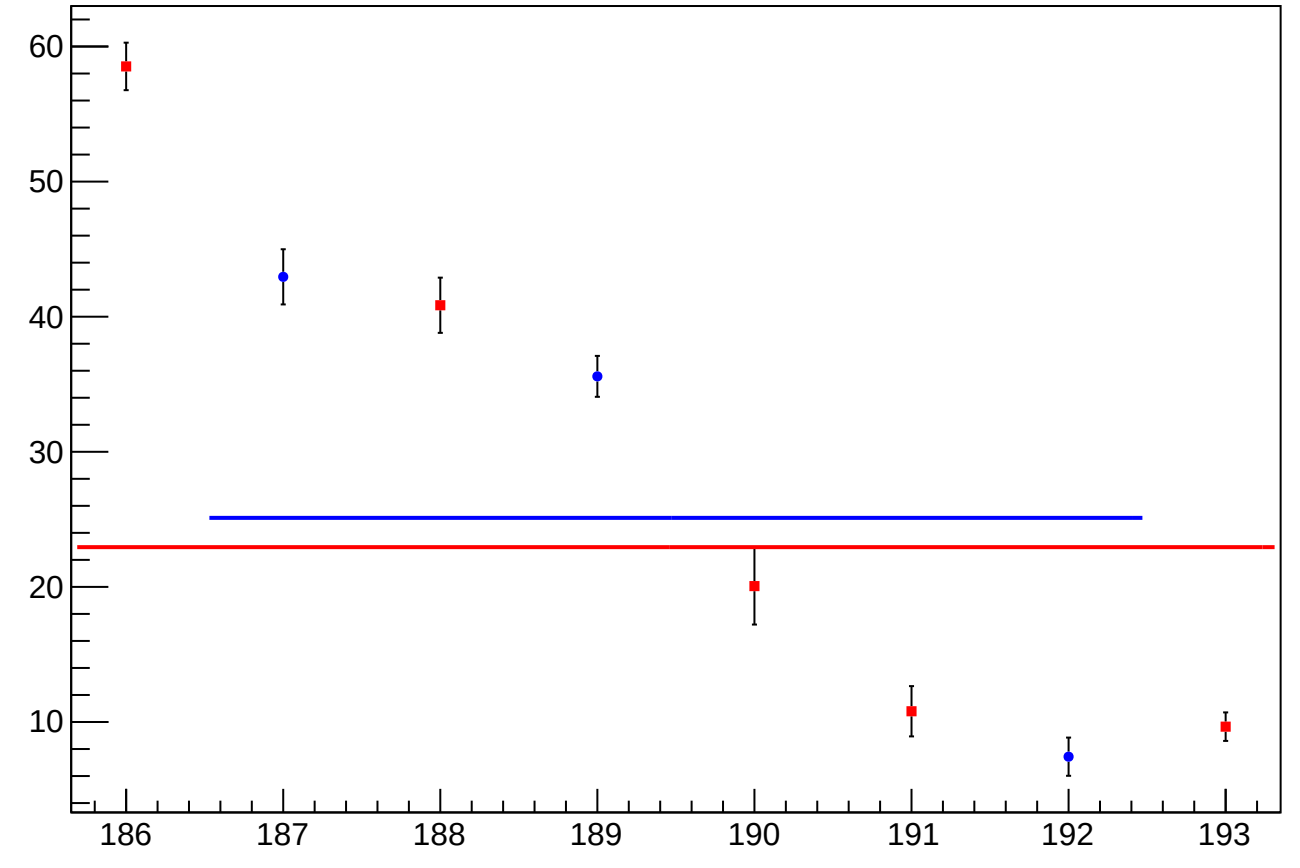
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -43.992+/-0.303 χ^2/NDF: 2965.6/7

In: -43.627+/-0.477 χ^2/NDF:751.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -43.992+/-0.303 χ^2/NDF: 2965.6/7



Right In: 25.110+/-0.922 χ^2/NDF: 280.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.942+/-0.731 χ^2/NDF: 688.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

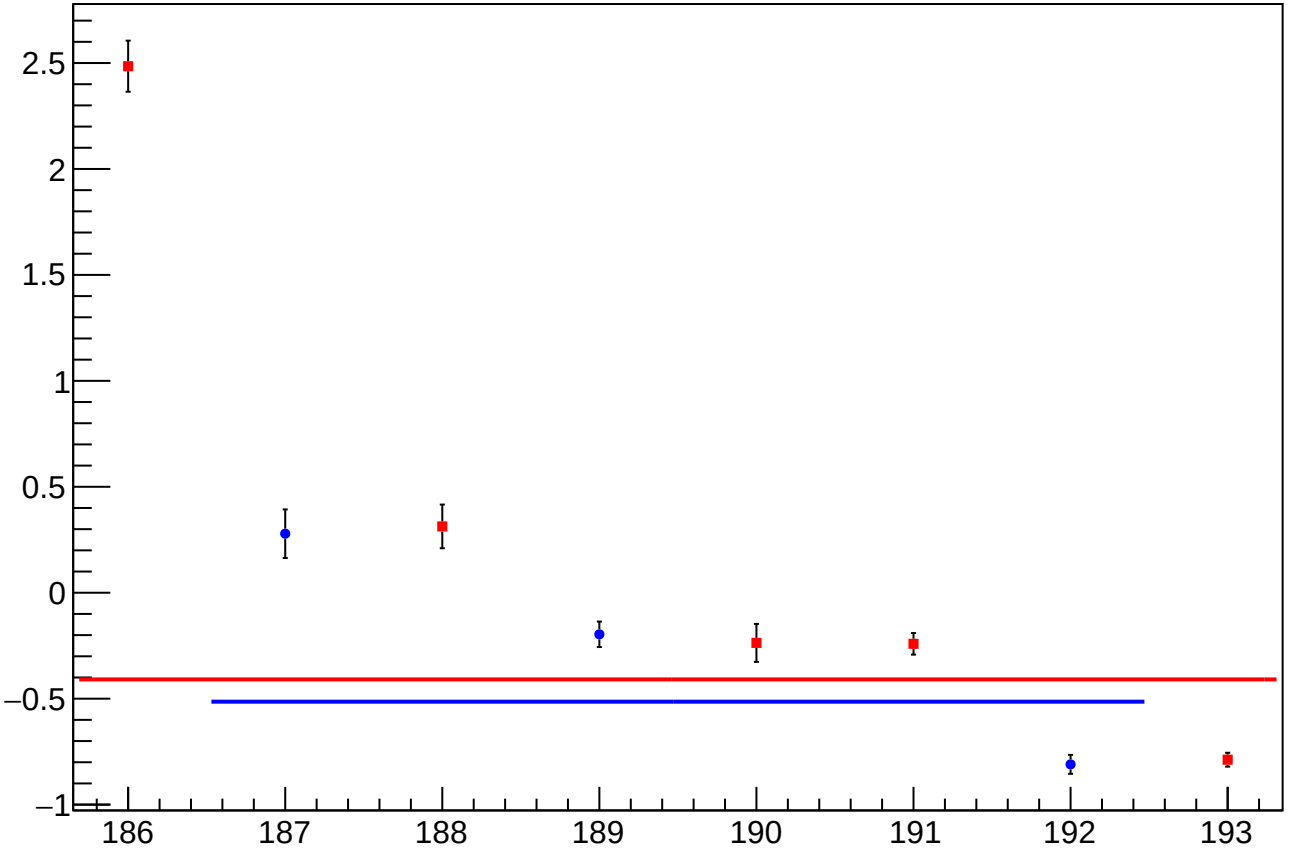
Right: 23.778+/-0.573 χ^2/NDF: 972.5/7

In: 25.110+/-0.922 χ^2/NDF:280.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 23.778+/-0.573 χ^2/NDF: 972.5/7

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.514+/-0.034 χ^2/NDF: 119.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.409+/-0.025 χ^2/NDF: 773.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

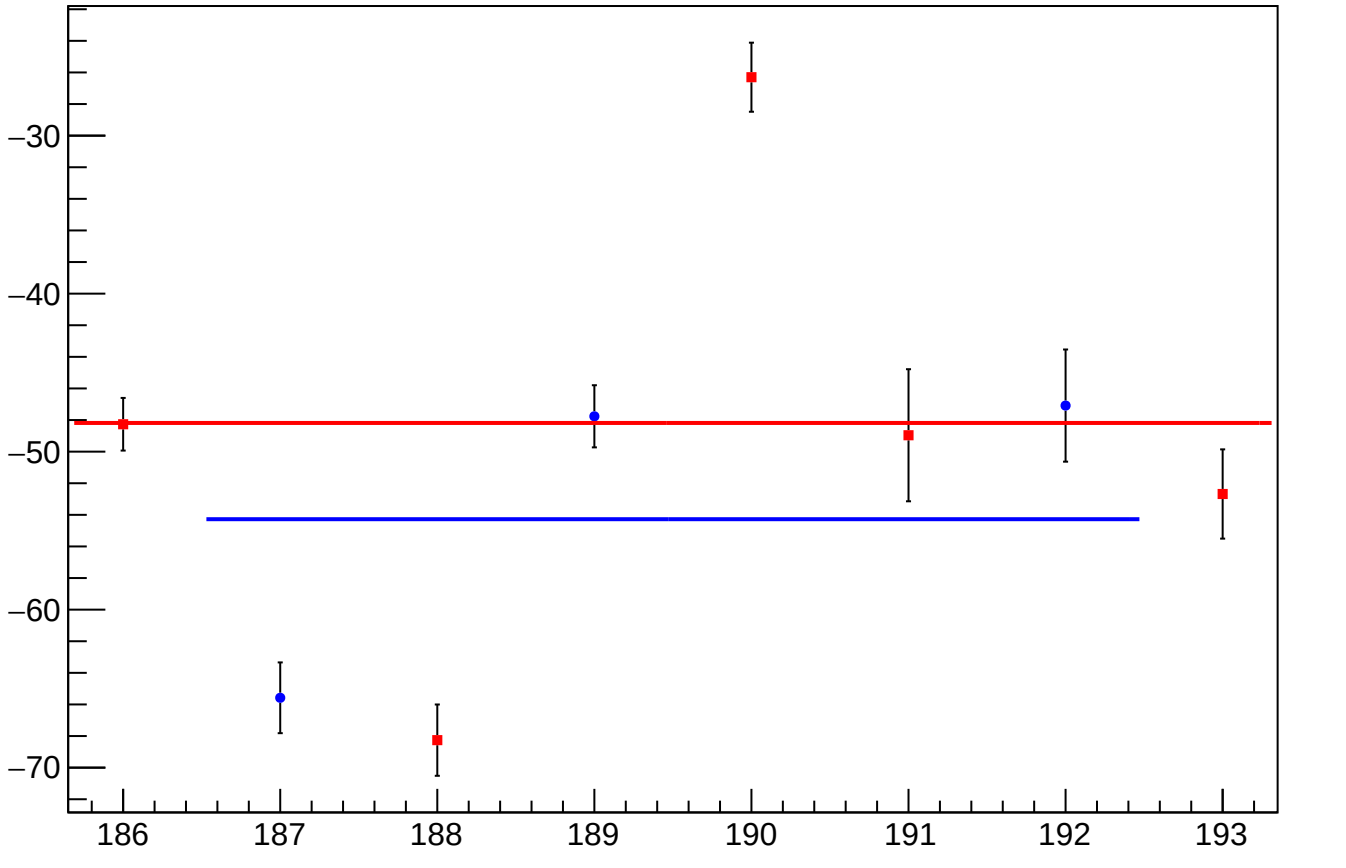
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.446+/-0.020 χ^2/NDF: 899.6/7

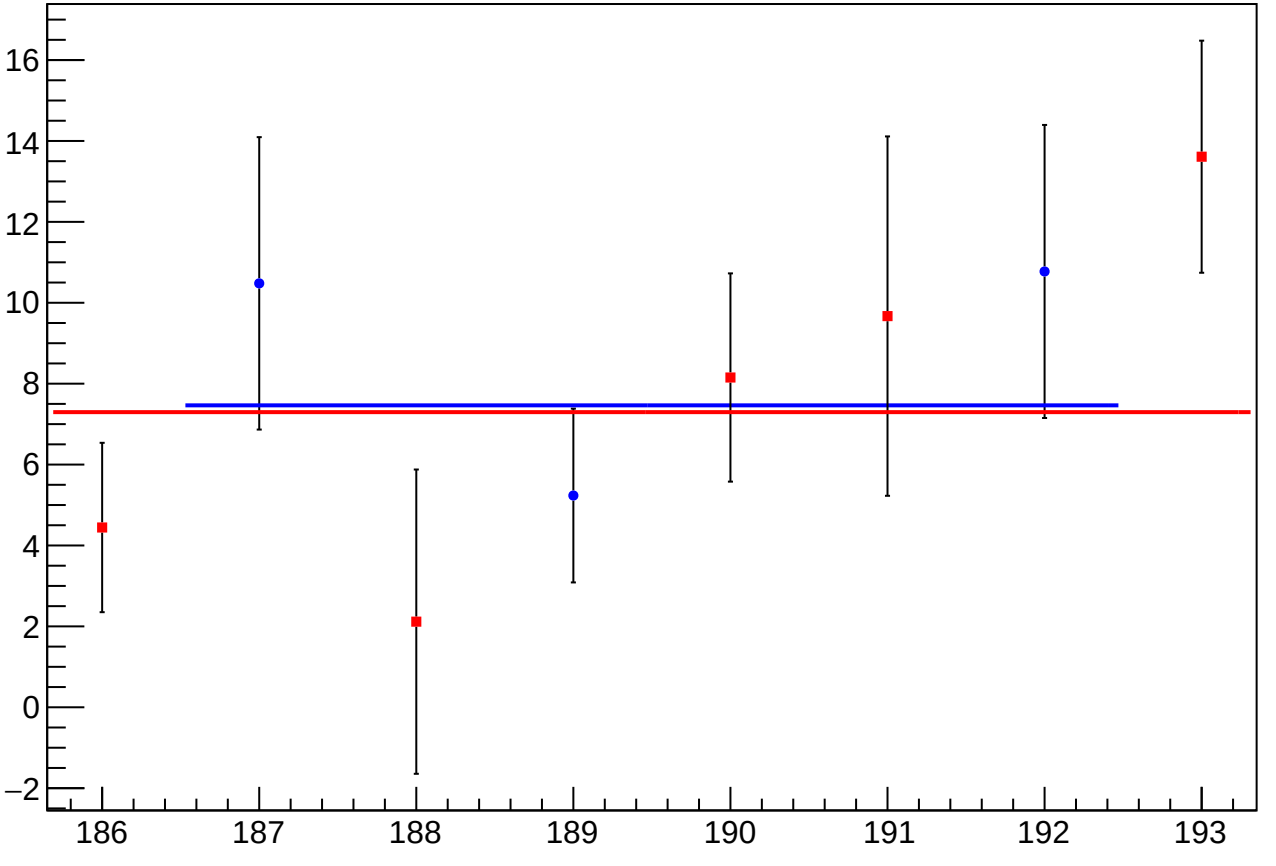
In: -0.514+/-0.034 χ^2/NDF:119.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.446+/-0.020 χ^2/NDF: 899.6/7


reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected
−30
−40
−50
−60
−70
186
187
188
189
190
191
192
193
Right In: -54.276+/-1.364 χ²/NDF: 40.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -48.184+/-1.027 χ²/NDF: 181.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -50.387+/-0.820 χ²/NDF: 235.2/7
In: -54.276+/-1.364 χ²/NDF:40.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -50.387+/-0.820 χ²/NDF: 235.2/7

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.464+/-1.645 χ^2/NDF: 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.296+/-1.268 χ^2/NDF: 9.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

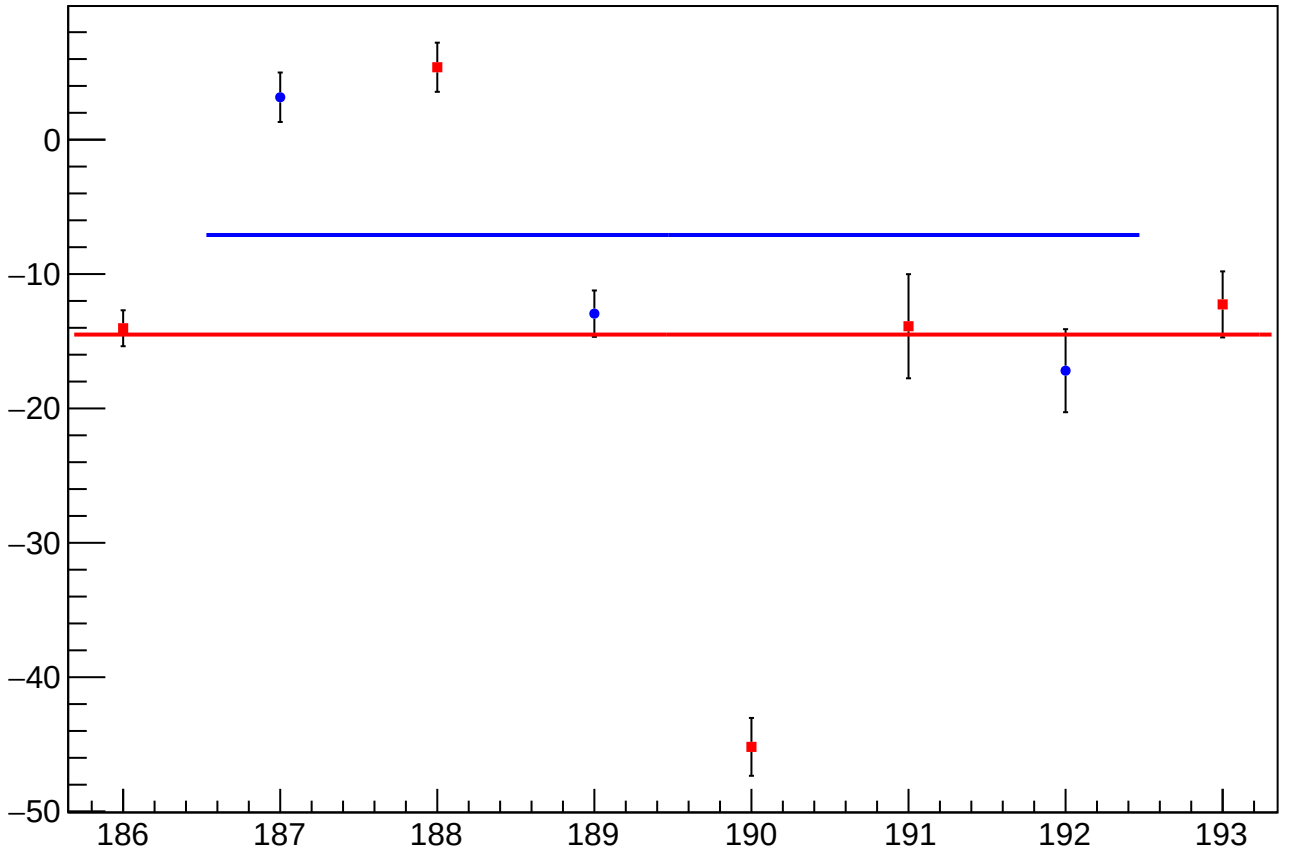
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.359+/-1.004 χ^2/NDF: 11.6/7

In: 7.464+/-1.645 χ^2/NDF:2.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.359+/-1.004 χ^2/NDF: 11.6/7



Right In: -7.092+/-1.166 χ^2/NDF: 53.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.503+/-0.875 χ^2/NDF: 322.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

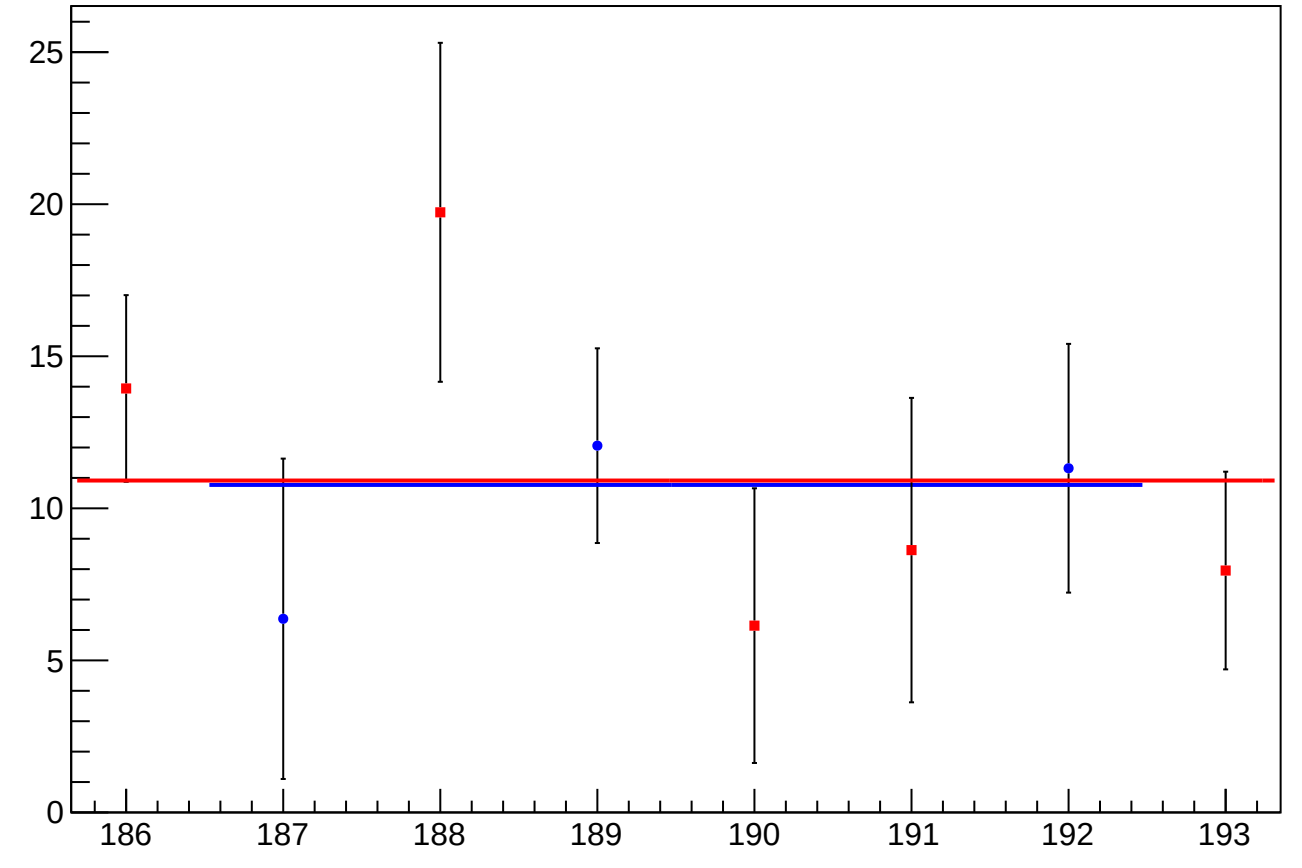
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.832+/-0.700 χ^2/NDF: 401.5/7

In: -7.092+/-1.166 χ^2/NDF:53.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.832+/-0.700 χ^2/NDF: 401.5/7



Right In: 10.770+/-2.274 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.914+/-1.762 χ^2/NDF: 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

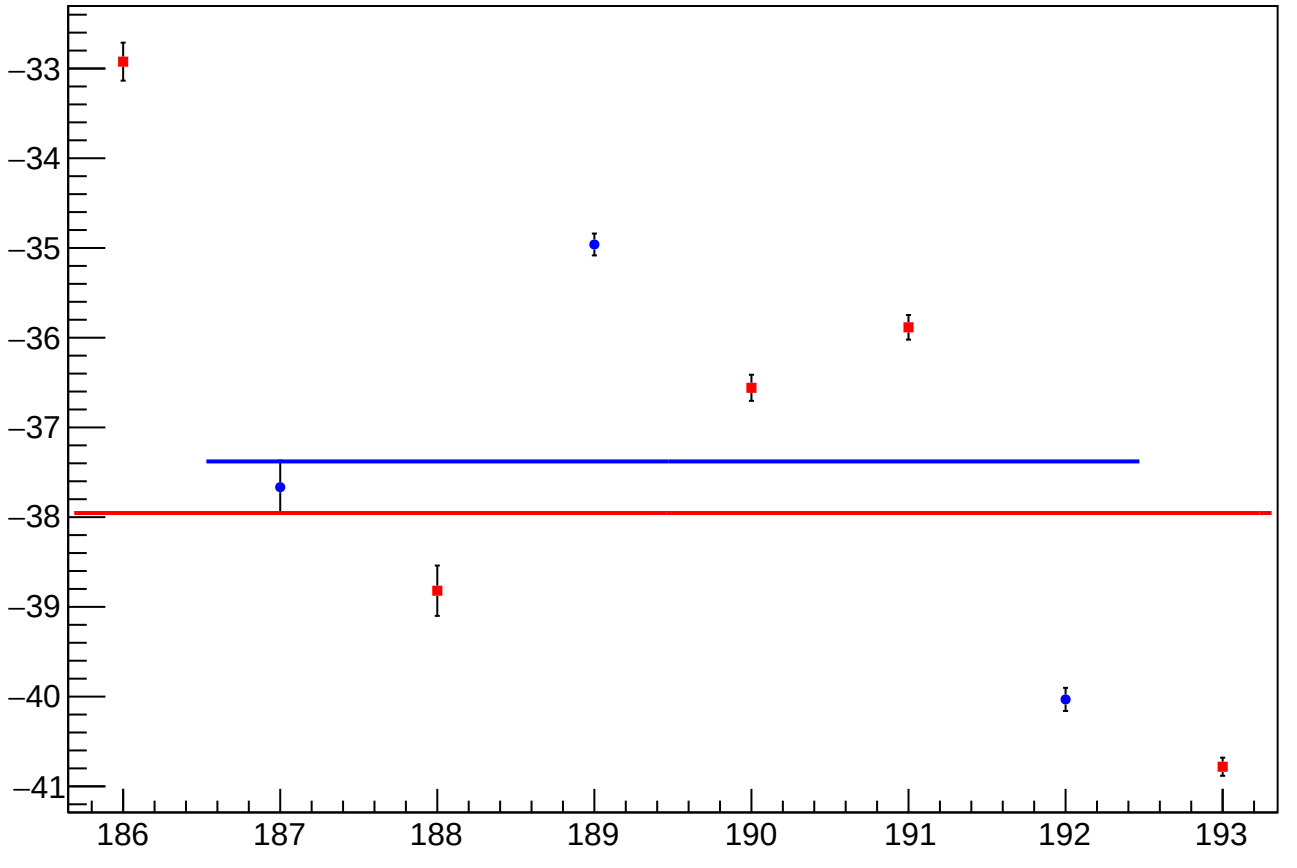
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 10.860+/-1.393 χ^2/NDF: 6.5/7

In: 10.770+/-2.274 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.860+/-1.393 χ^2/NDF: 6.5/7



Right In: -37.379+/-0.085 χ^2/NDF: 816.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -37.954+/-0.065 χ^2/NDF: 1678.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

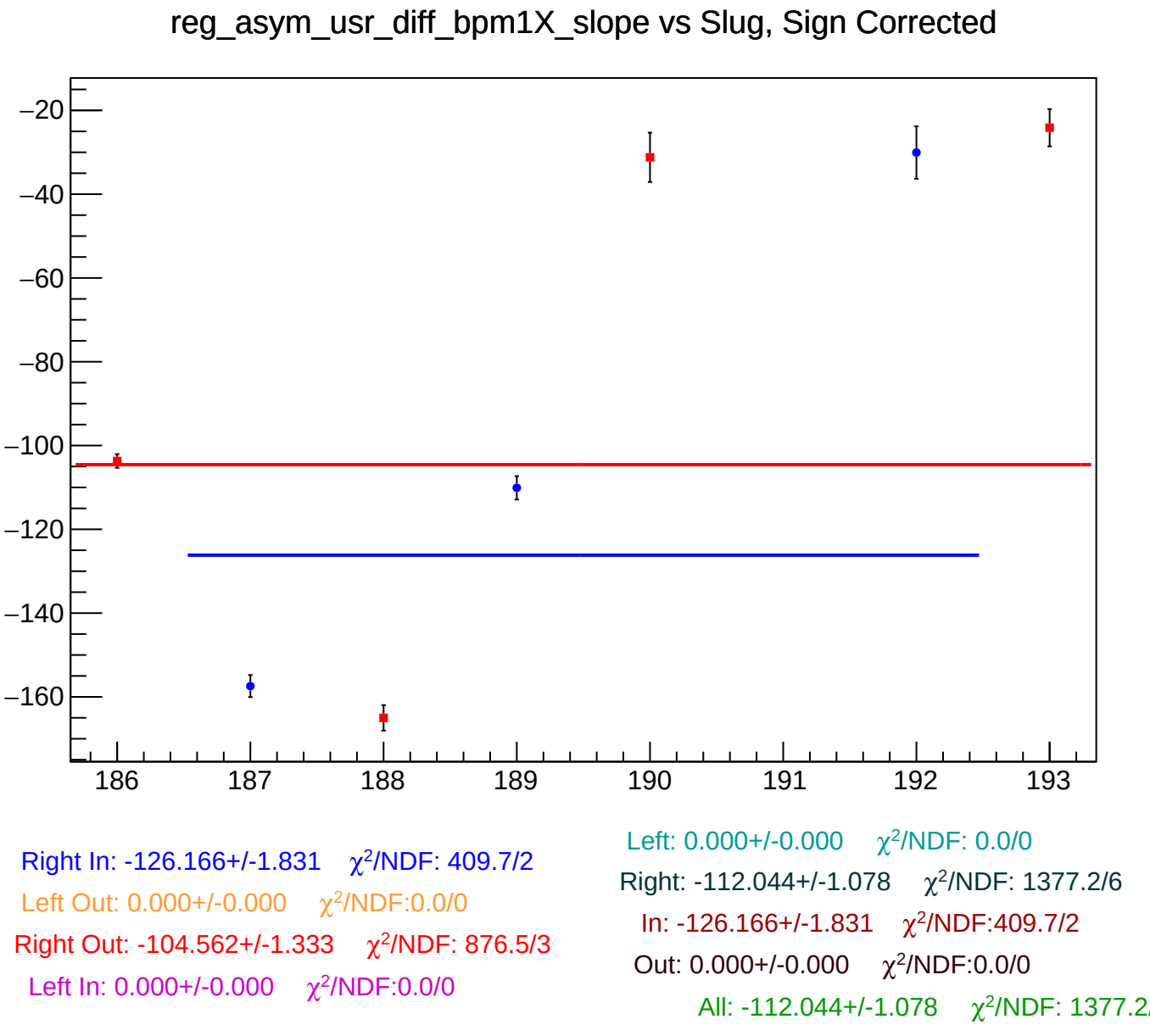
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -37.740+/-0.052 χ^2/NDF: 2523.4/7

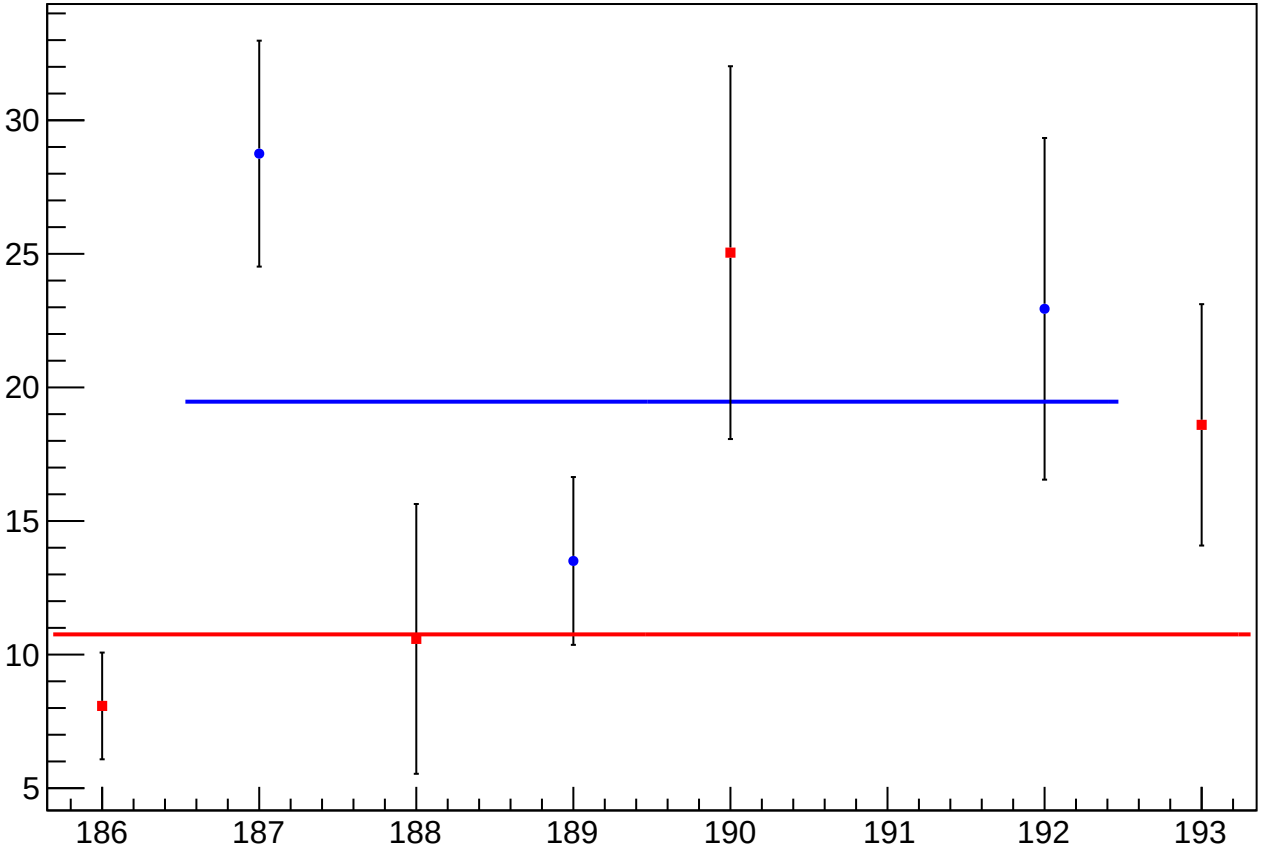
In: -37.379+/-0.085 χ^2/NDF:816.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -37.740+/-0.052 χ^2/NDF: 2523.4/7


reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected
−20
−40
−60
−80
−100
−120
−140
−160
186
187
188
189
190
191
192
193
Right In: -126.166+/-1.831 χ²/NDF: 409.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -104.562+/-1.333 χ²/NDF: 876.5/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -112.044+/-1.078 χ²/NDF: 1377.2/6
In: -126.166+/-1.831 χ²/NDF:409.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -112.044+/-1.078 χ²/NDF: 1377.2/6

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.467+/-2.346 χ^2/NDF: 8.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.756+/-1.668 χ^2/NDF: 9.0/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

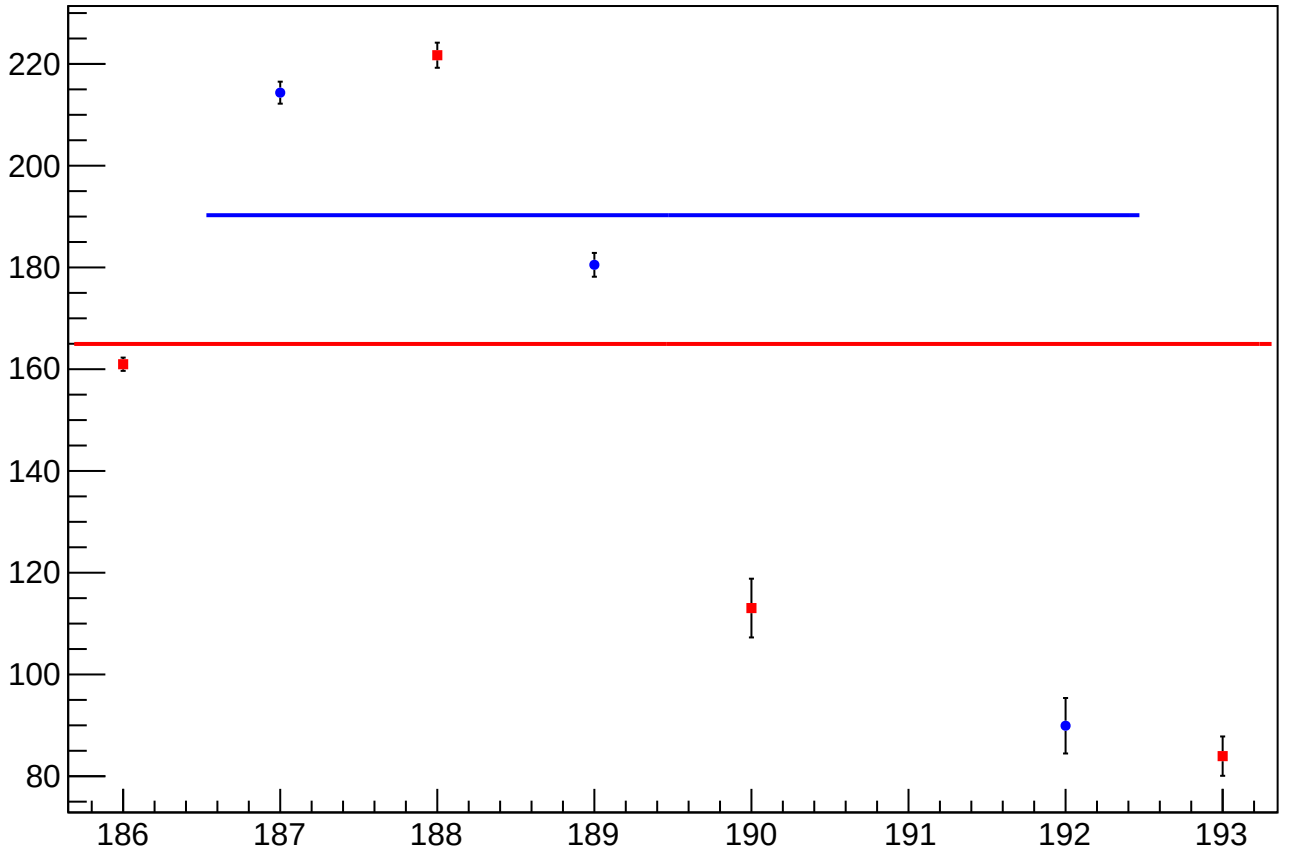
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 13.682+/-1.359 χ^2/NDF: 26.9/6

In: 19.467+/-2.346 χ^2/NDF:8.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.682+/-1.359 χ^2/NDF: 26.9/6



Right In: 190.269+/-1.524 χ^2/NDF: 480.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 164.964+/-1.085 χ^2/NDF: 1058.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

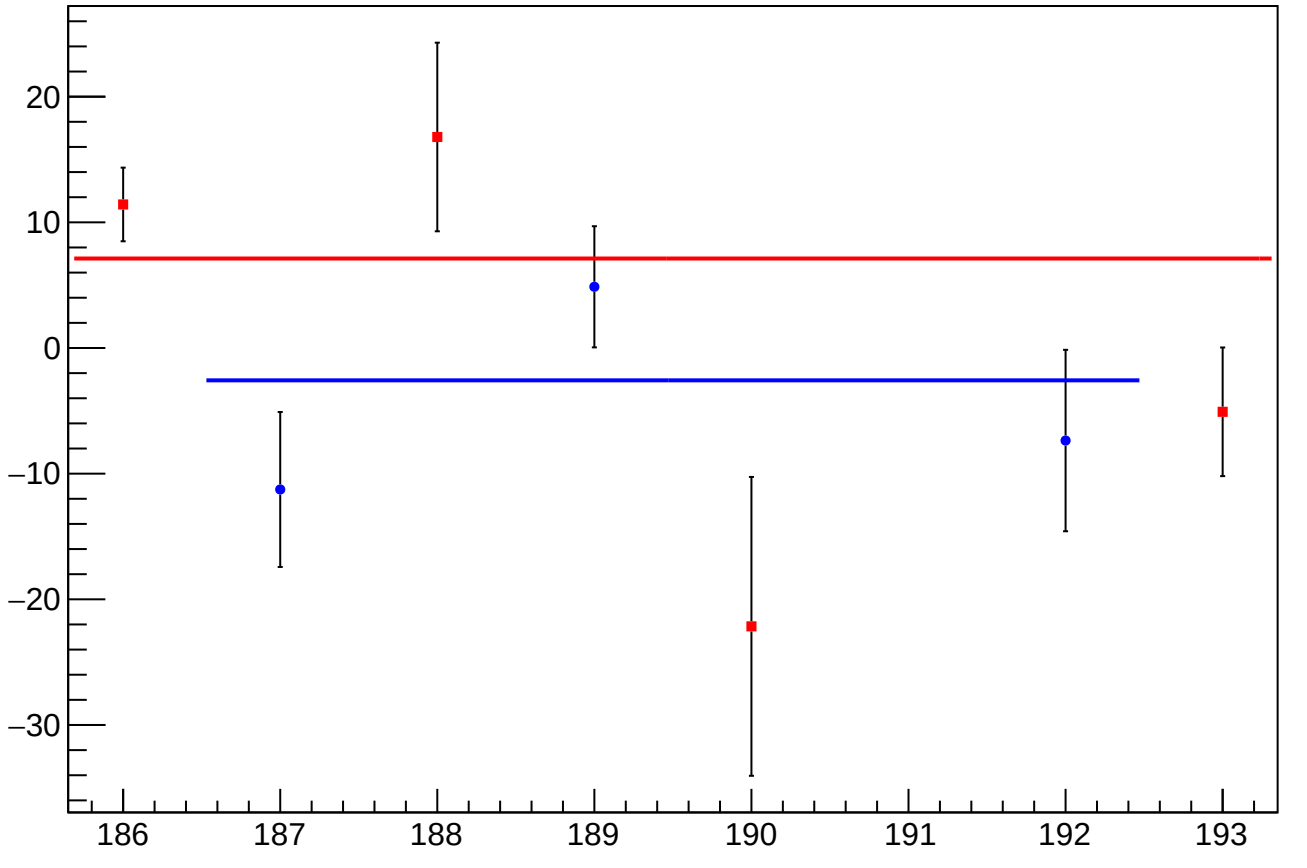
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 173.479+/-0.884 χ^2/NDF: 1721.5/6

In: 190.269+/-1.524 χ^2/NDF:480.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 173.479+/-0.884 χ^2/NDF: 1721.5/6



Right In: -2.574+/-3.361 χ^2/NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.121+/-2.360 χ^2/NDF: 15.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

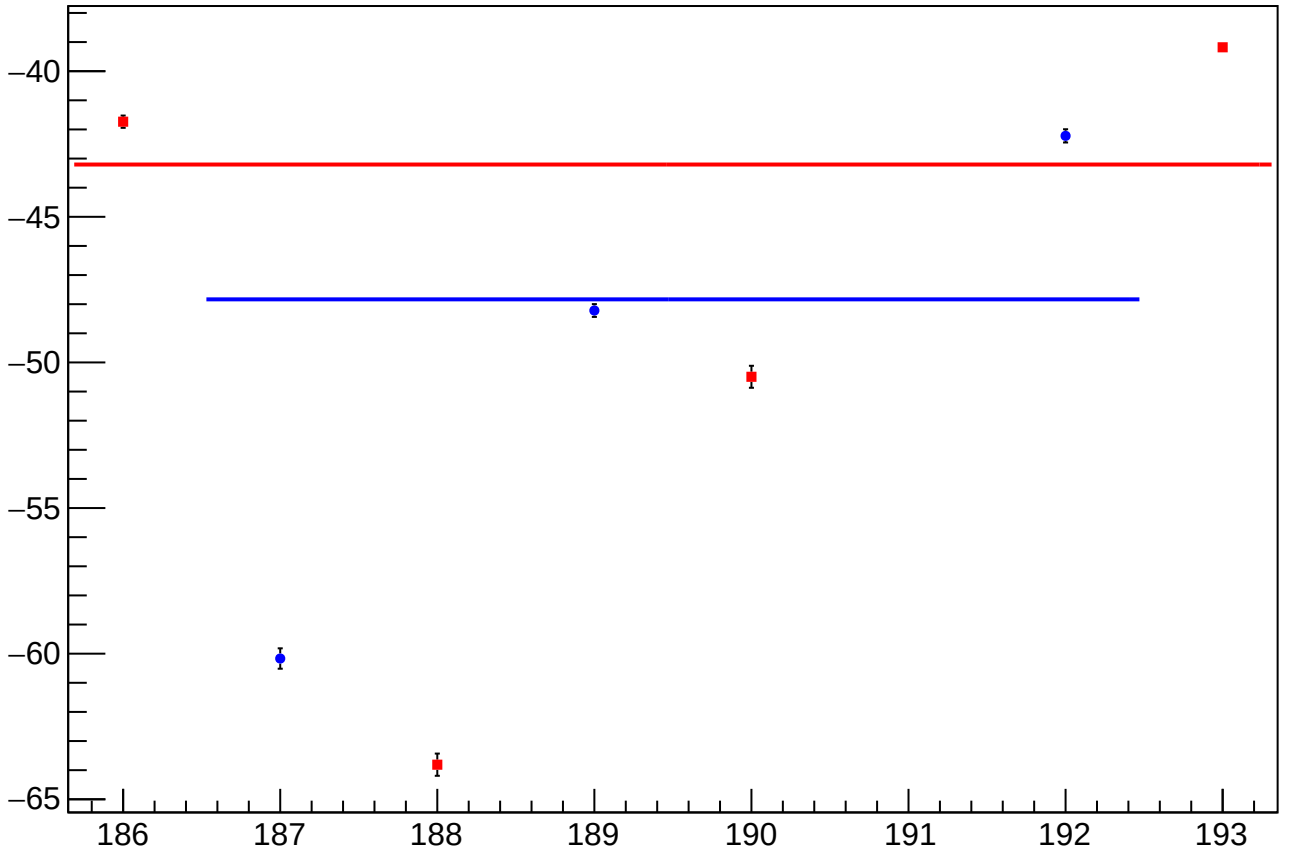
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.919+/-1.932 χ^2/NDF: 25.9/6

In: -2.574+/-3.361 χ^2/NDF:4.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.919+/-1.932 χ^2/NDF: 25.9/6



Right In: -47.834+/-0.144 χ^2/NDF: 1852.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -43.205+/-0.115 χ^2/NDF: 3982.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

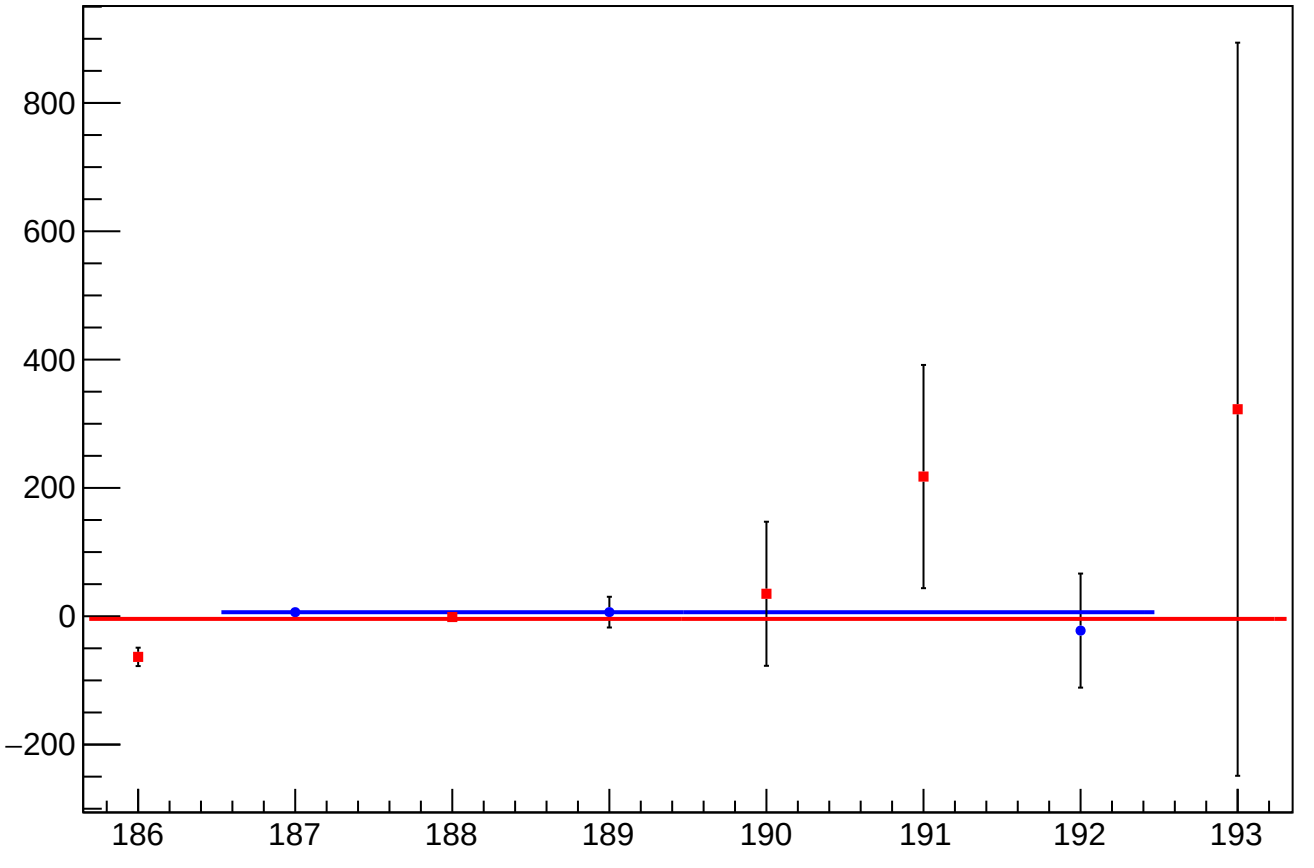
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

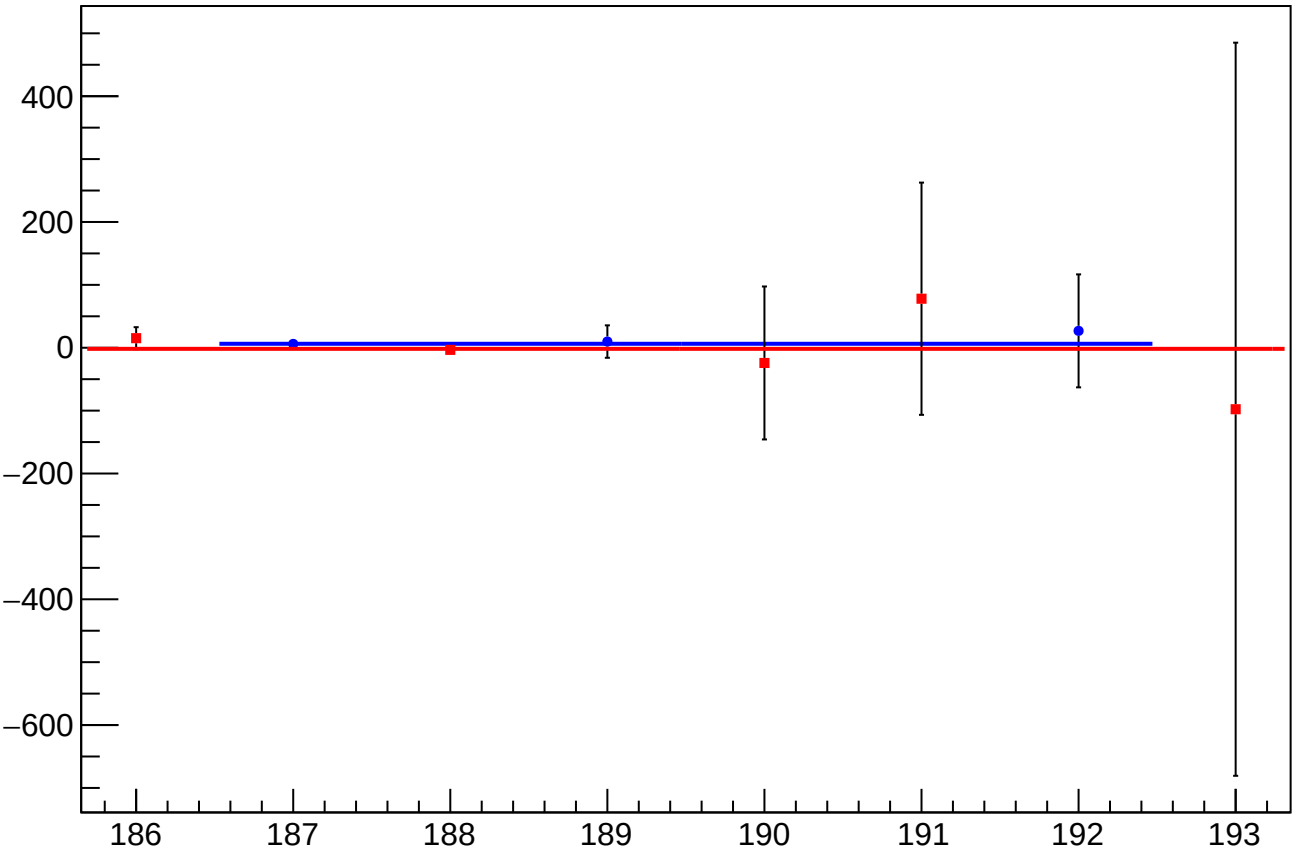
Right: -45.001+/-0.090 χ^2/NDF: 6467.1/6

In: -47.834+/-0.144 χ^2/NDF:1852.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -45.001+/-0.090 χ^2/NDF: 6467.1/6


reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected
800
600
400
200
0
−200
186
187
188
189
190
191
192
193
Right In: 6.273+/-2.982 χ²/NDF: 0.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -4.134+/-3.156 χ²/NDF: 20.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1.365+/-2.167 χ²/NDF: 25.8/7
In: 6.273+/-2.982 χ²/NDF:0.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1.365+/-2.167 χ²/NDF: 25.8/7



Right In: 6.304+/-4.762 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.740+/-5.131 χ^2/NDF: 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

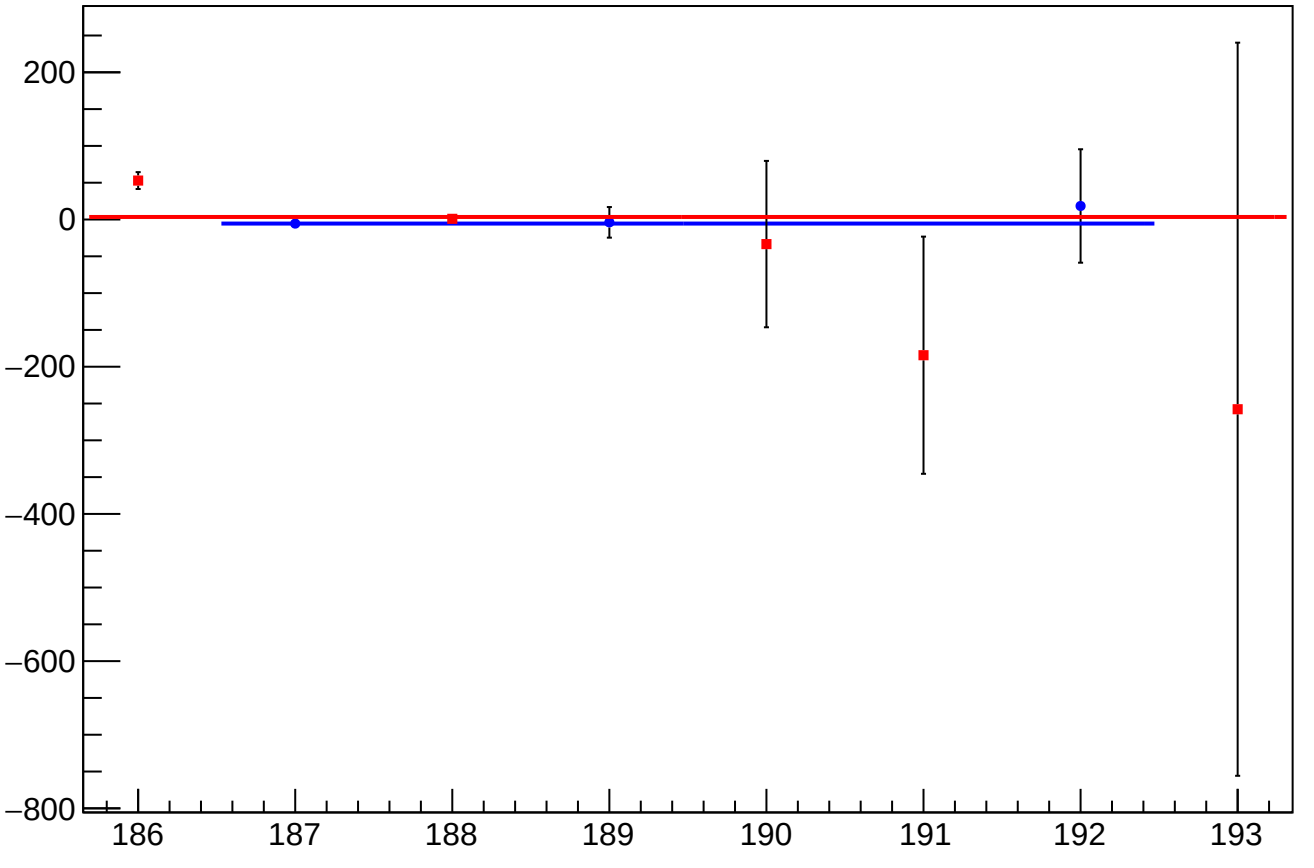
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.581+/-3.490 χ^2/NDF: 2.7/7

In: 6.304+/-4.762 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.581+/-3.490 χ^2/NDF: 2.7/7



Right In: -5.508+/-2.452 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.455+/-2.556 χ^2/NDF: 21.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

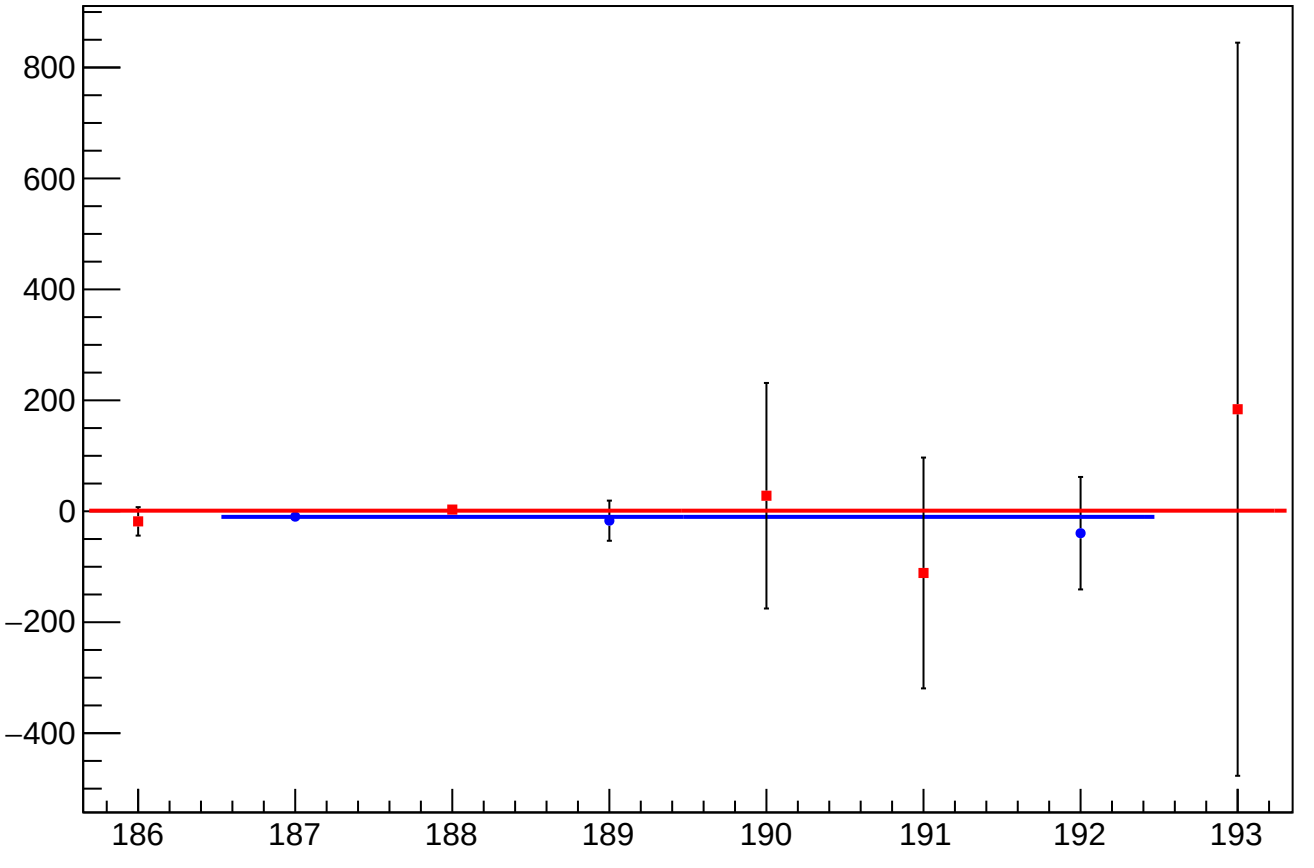
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

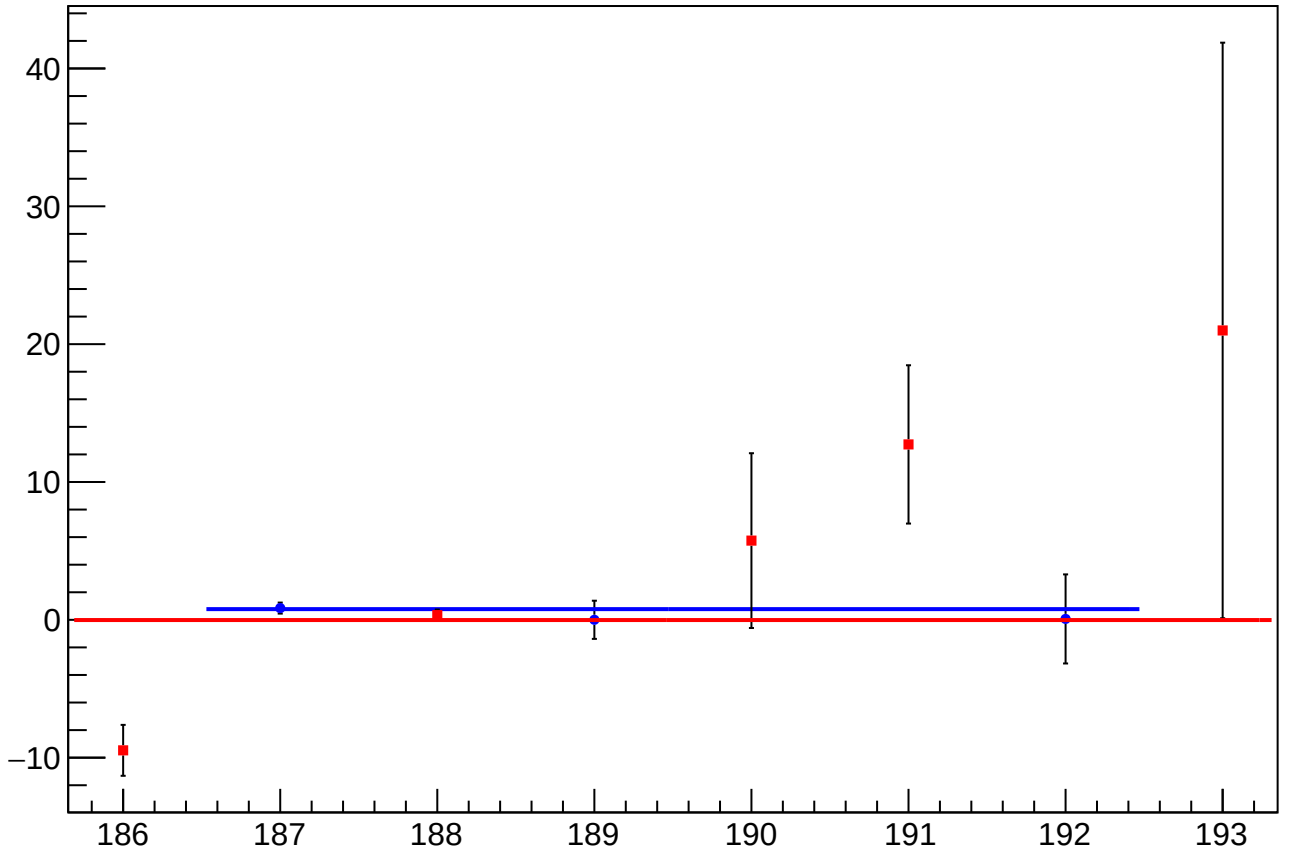
Right: -1.212+/-1.769 χ^2/NDF: 27.8/7

In: -5.508+/-2.452 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.212+/-1.769 χ^2/NDF: 27.8/7


reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected
800
600
400
200
0
−200
−400
186
187
188
189
190
191
192
193
Right In: -10.079+/-6.927 χ²/NDF: 0.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1.098+/-7.609 χ²/NDF: 1.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -5.013+/-5.122 χ²/NDF: 2.3/7
In: -10.079+/-6.927 χ²/NDF:0.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -5.013+/-5.122 χ²/NDF: 2.3/7



Right In: 0.777+/-0.381 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.016+/-0.393 χ^2/NDF: 33.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

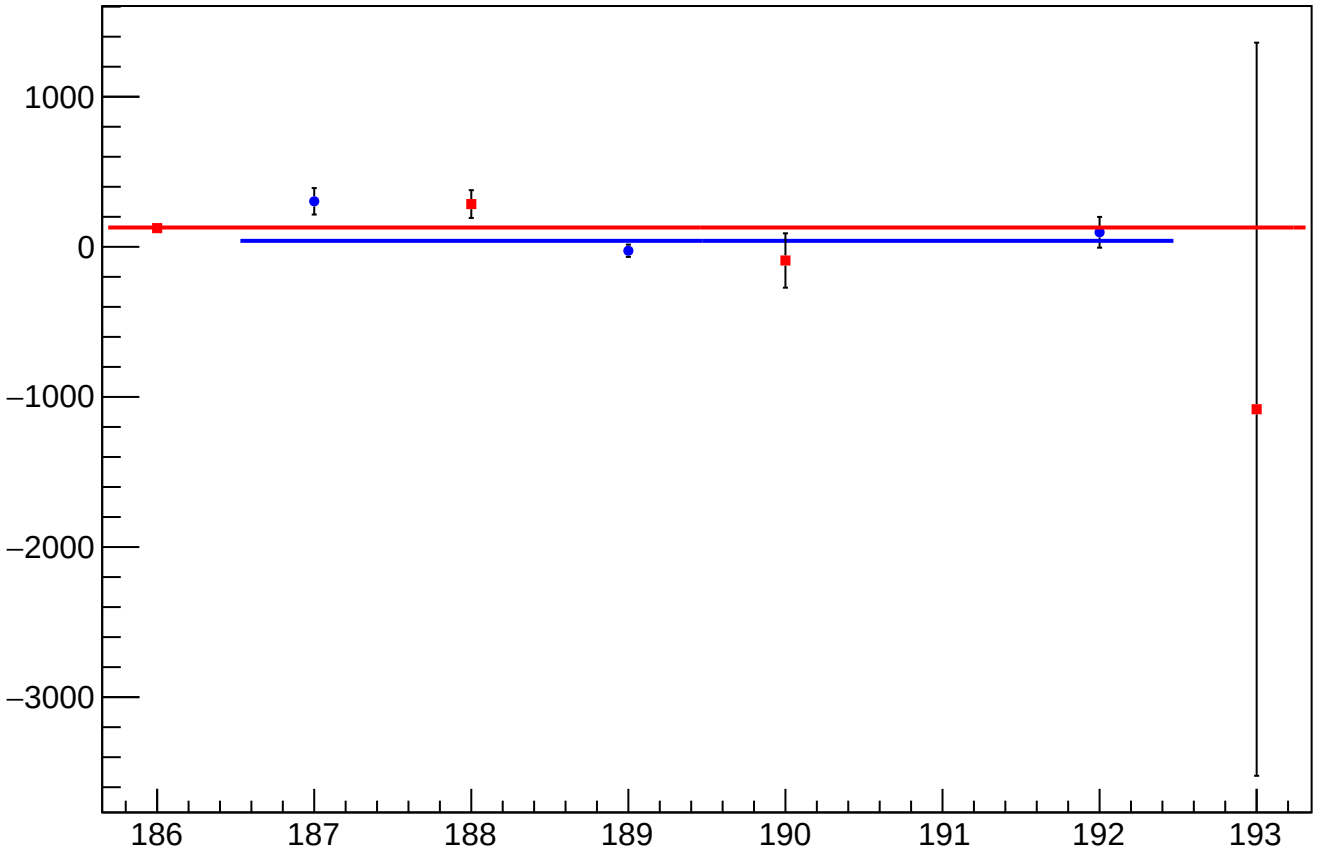
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.393+/-0.273 χ^2/NDF: 36.2/7

In: 0.777+/-0.381 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.393+/-0.273 χ^2/NDF: 36.2/7



Right In: 39.972+/-34.935 χ^2/NDF: 11.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 128.713+/-18.349 χ^2/NDF: 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

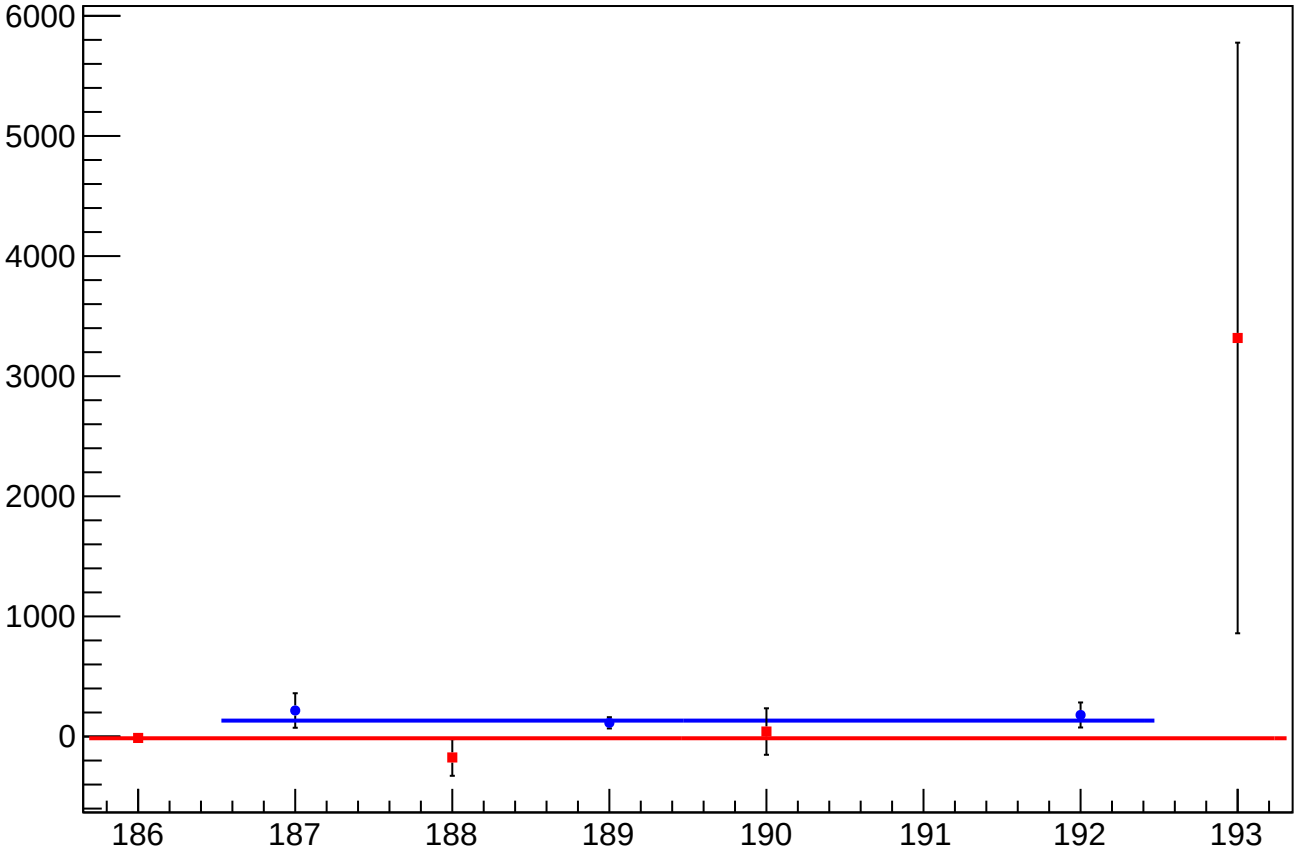
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 109.526+/-16.244 χ^2/NDF: 21.5/6

In: 39.972+/-34.935 χ^2/NDF:11.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 109.526+/-16.244 χ^2/NDF: 21.5/6



Right In: 132.516+/-40.980 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.486+/-22.823 χ^2/NDF: 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

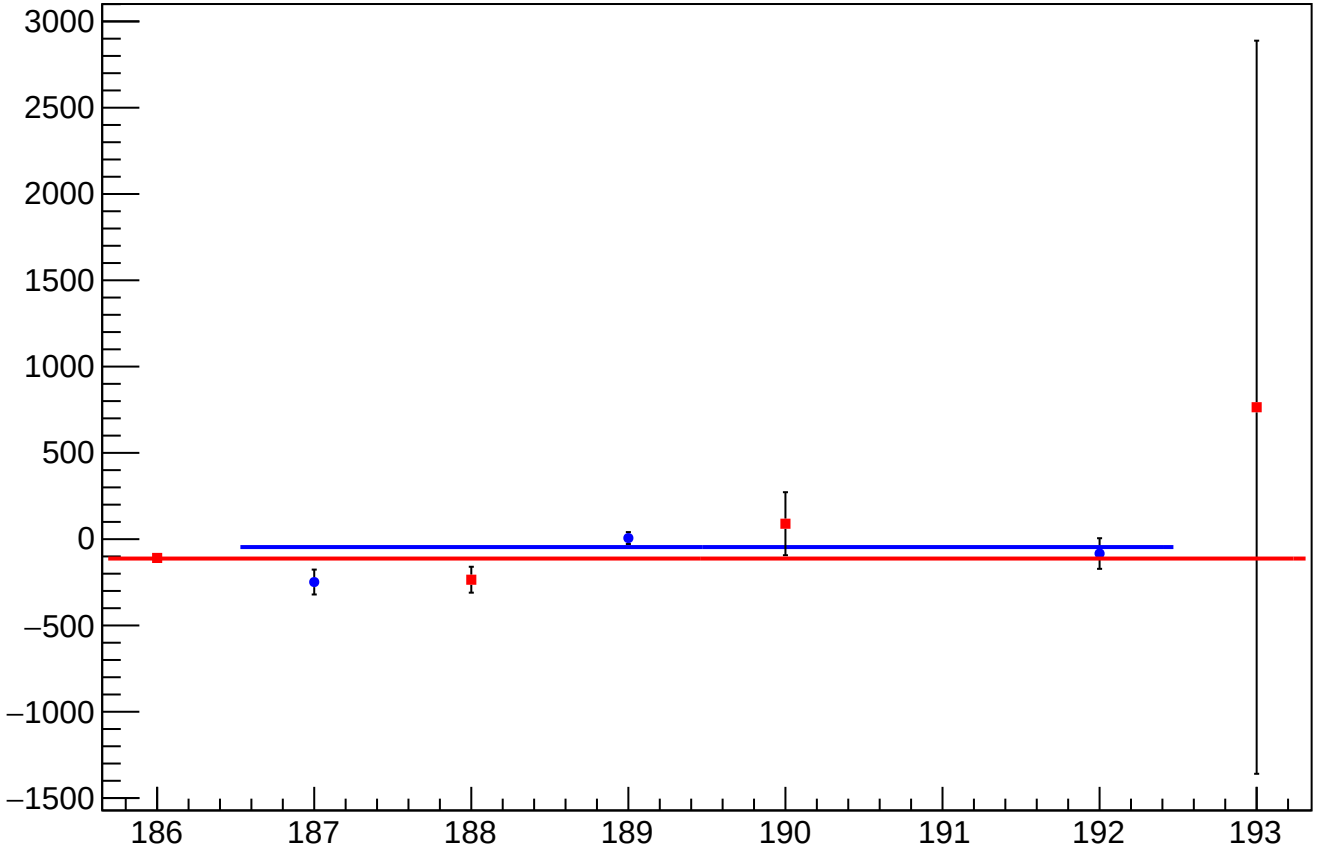
Right: 20.315+/-19.939 χ^2/NDF: 13.6/6

In: 132.516+/-40.980 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.315+/-19.939 χ^2/NDF: 13.6/6

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.773+/-29.412 χ^2/NDF: 10.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -112.289+/-14.761 χ^2/NDF: 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

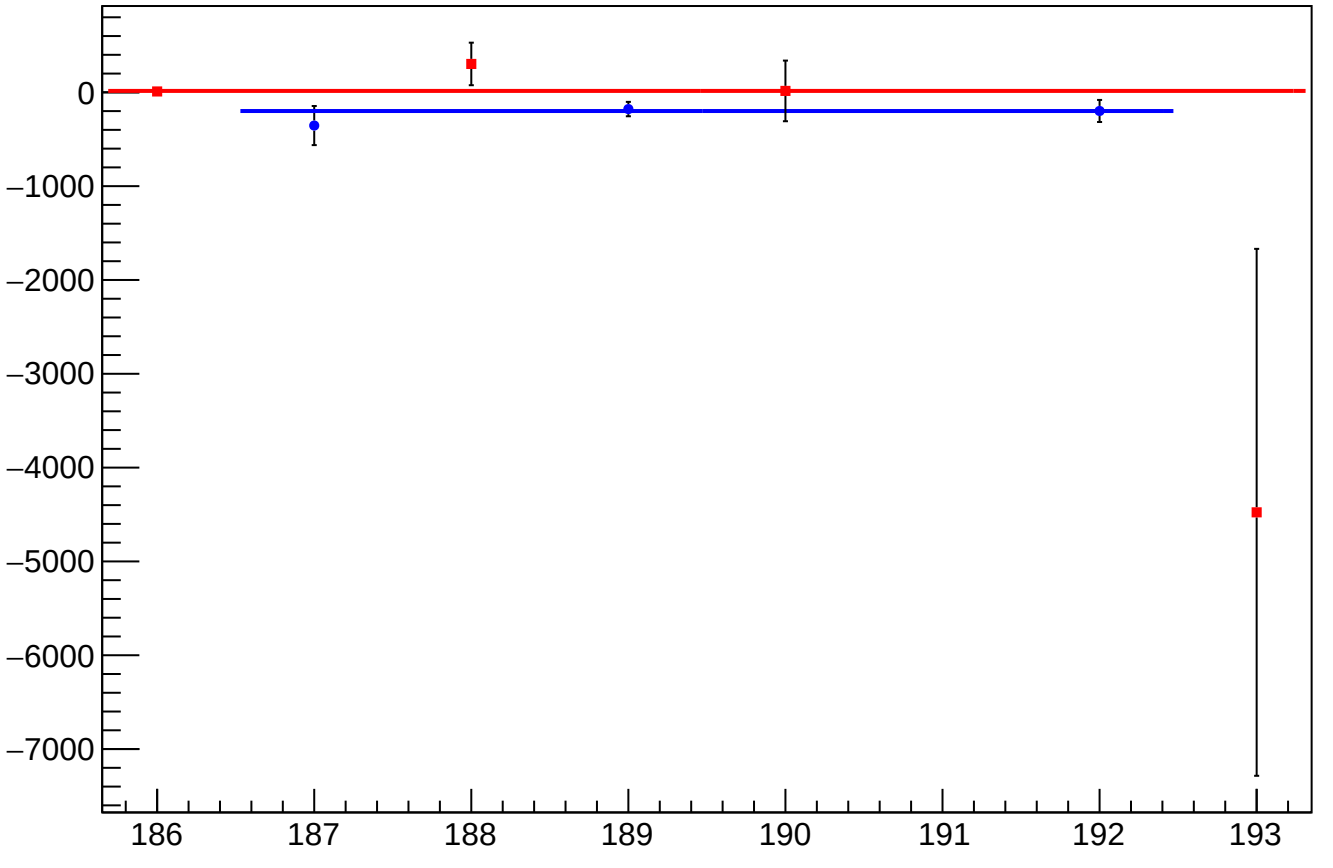
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -98.907+/-13.193 χ^2/NDF: 18.6/6

In: -45.773+/-29.412 χ^2/NDF:10.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -98.907+/-13.193 χ^2/NDF: 18.6/6



Right In: -199.140+/-61.397 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.164+/-33.488 χ^2/NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

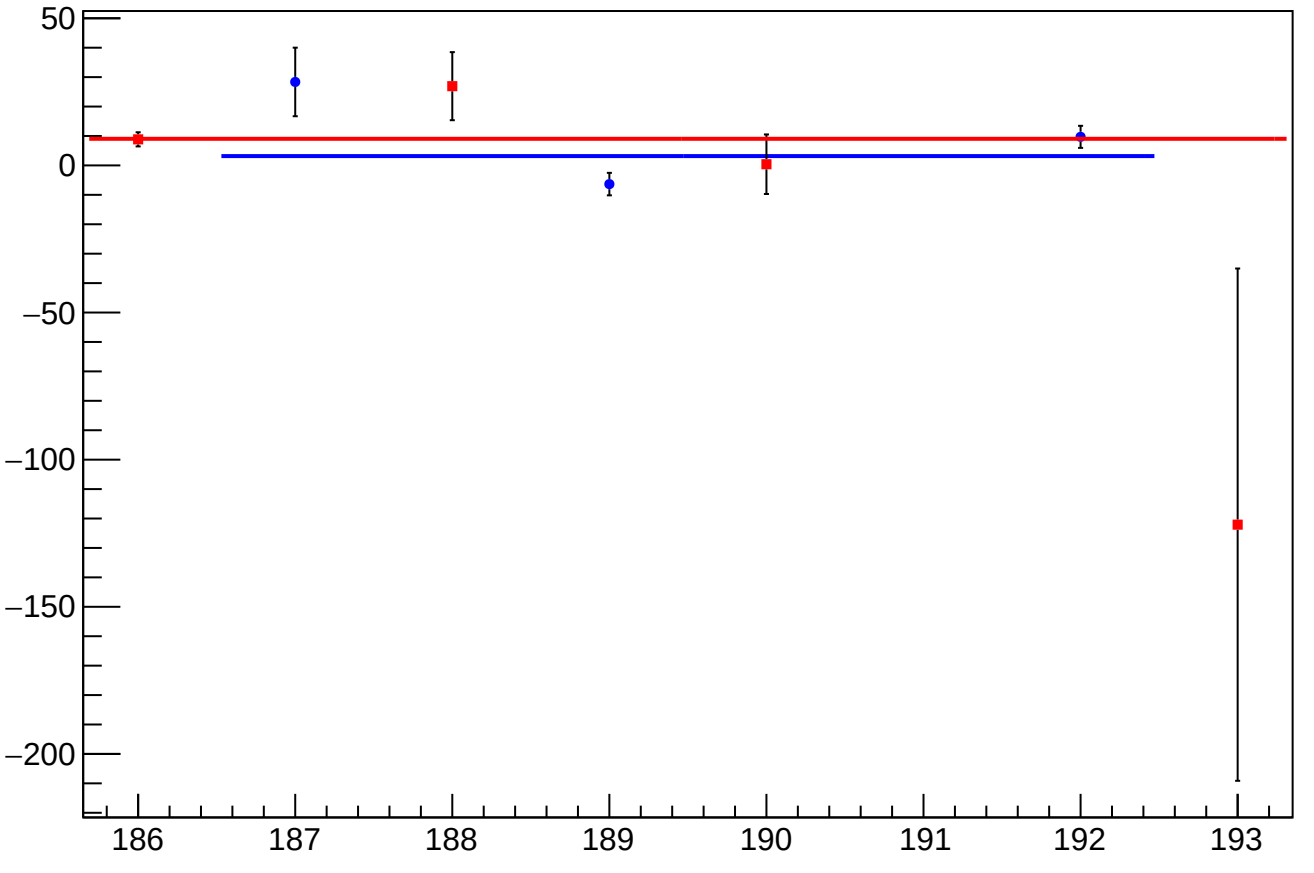
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -33.974+/-29.400 χ^2/NDF: 14.2/6

In: -199.140+/-61.397 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.974+/-29.400 χ^2/NDF: 14.2/6



Right In: 3.165+/-2.608 χ^2/NDF: 13.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.042+/-2.292 χ^2/NDF: 5.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

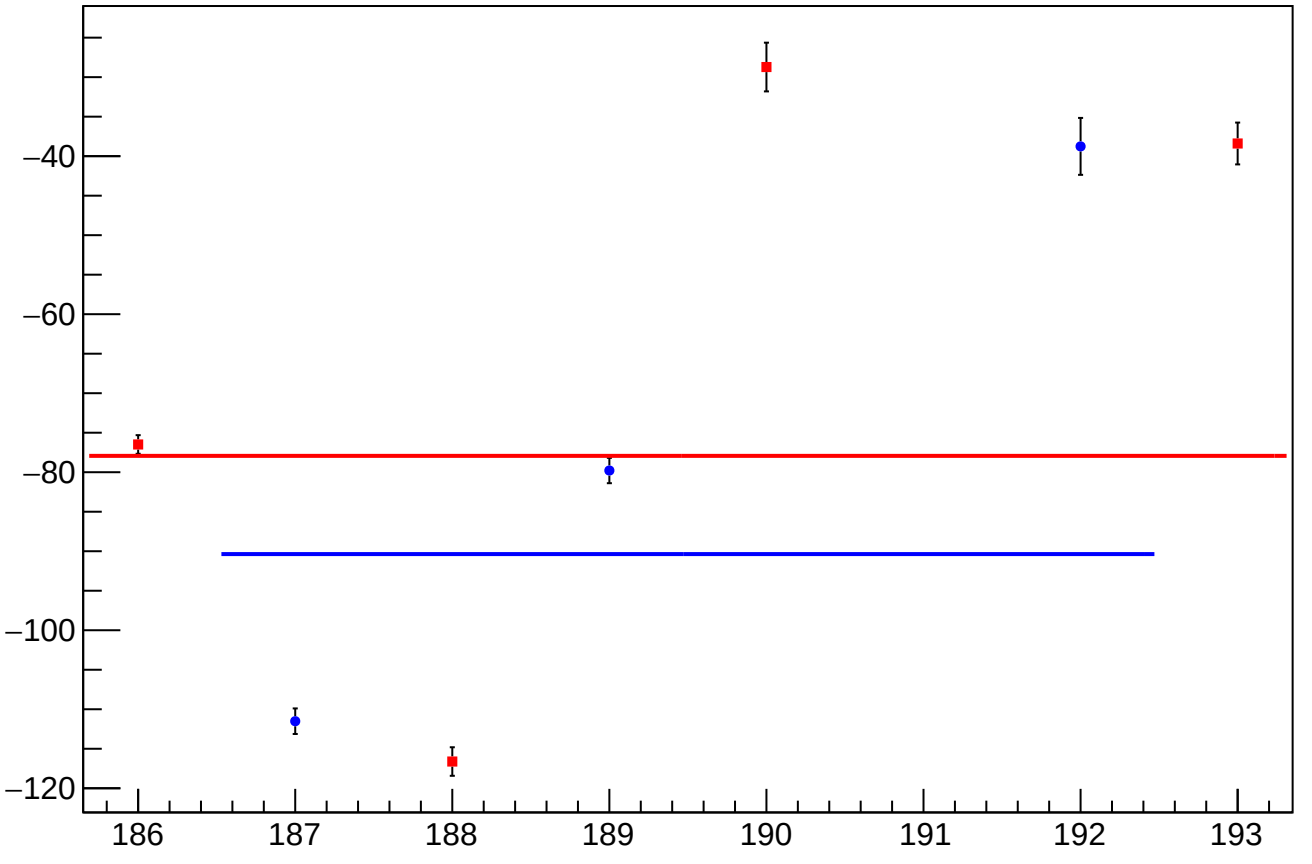
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6.481+/-1.721 χ^2/NDF: 22.2/6

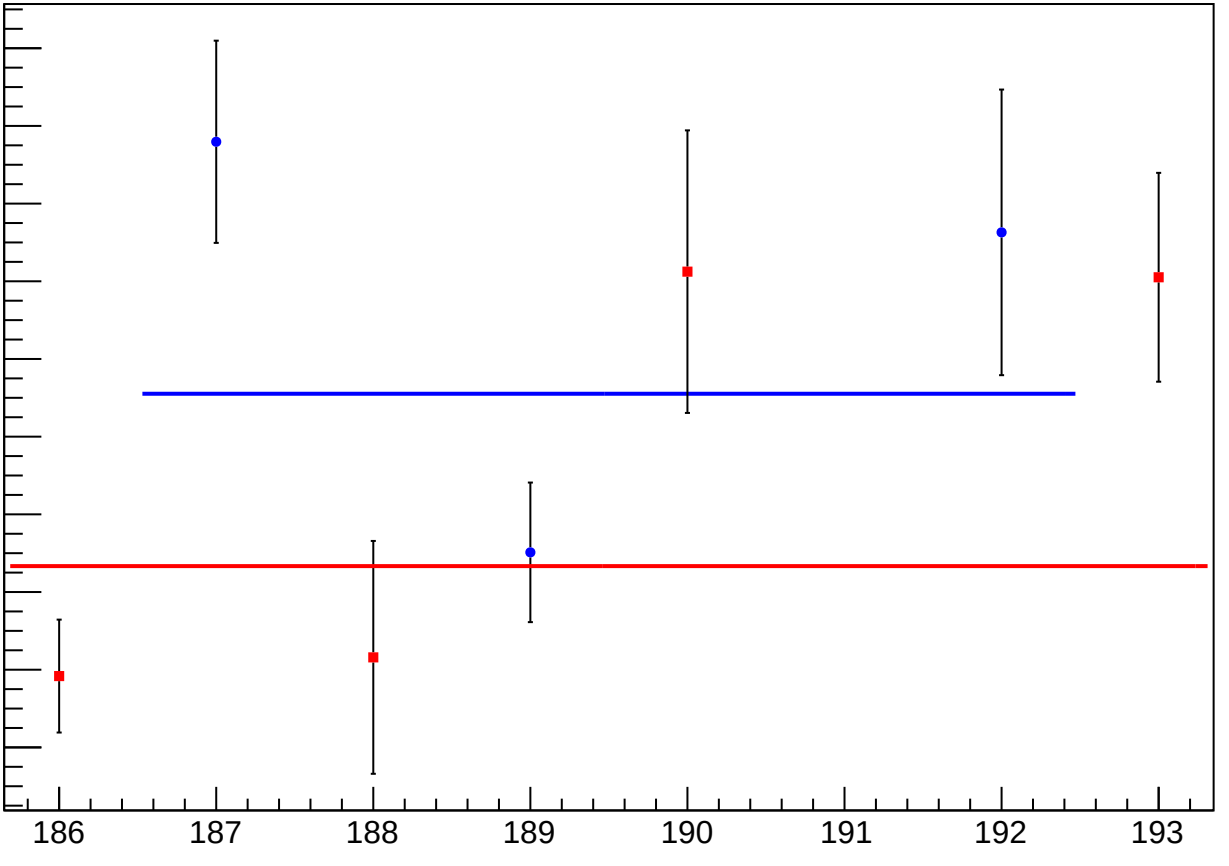
In: 3.165+/-2.608 χ^2/NDF:13.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.481+/-1.721 χ^2/NDF: 22.2/6


reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected
−40
−60
−80
−100
−120
186
187
188
189
190
191
192
193
Right In: -90.362+/-1.086 χ2/NDF: 419.6/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -77.930+/-0.886 χ2/NDF: 938.0/3
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -82.896+/-0.686 χ2/NDF: 1436.3/6
In: -90.362+/-1.086 χ2/NDF:419.6/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -82.896+/-0.686 χ2/NDF: 1436.3/6

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.105+/-1.372 χ^2/NDF: 12.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.667+/-1.119 χ^2/NDF: 16.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

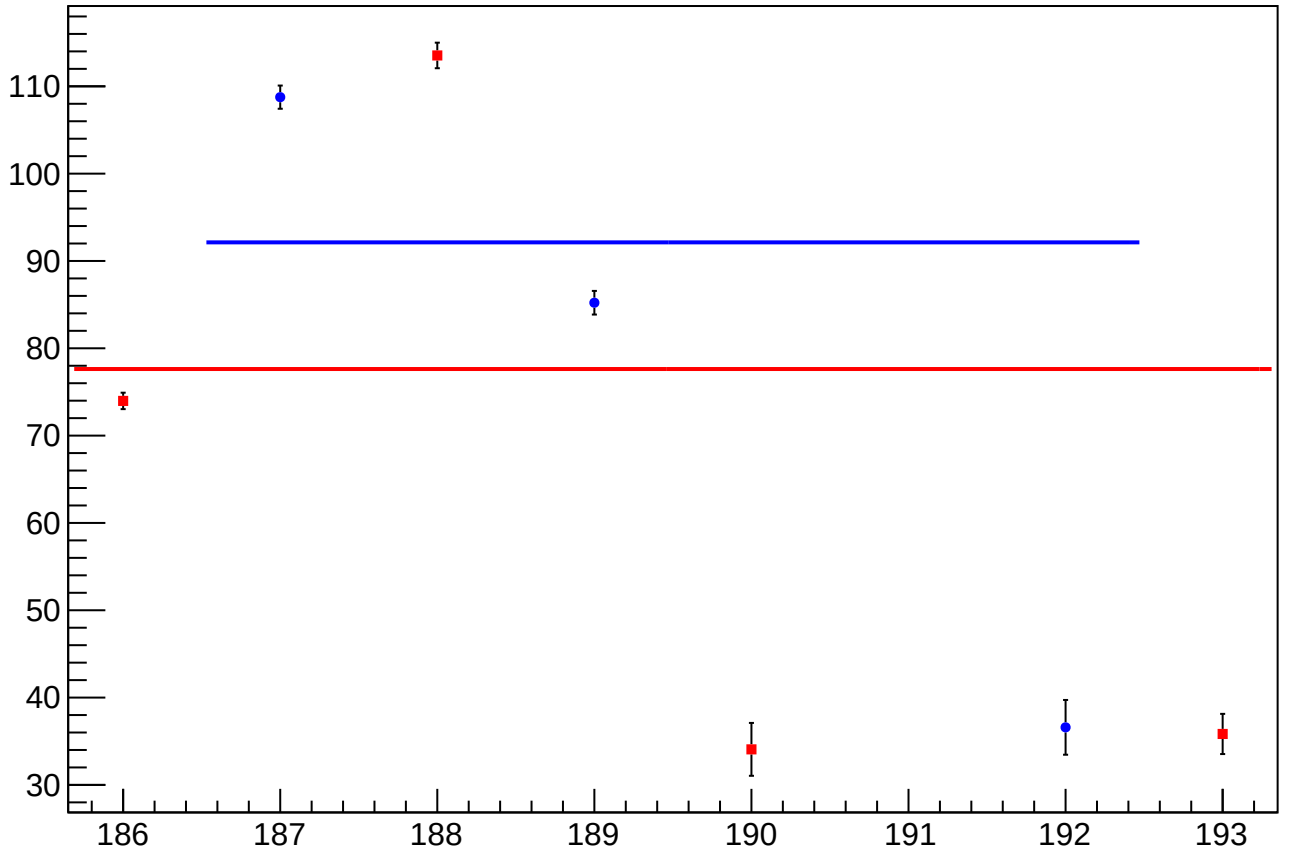
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 10.440+/-0.867 χ^2/NDF: 35.3/6

In: 13.105+/-1.372 χ^2/NDF:12.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.440+/-0.867 χ^2/NDF: 35.3/6



Right In: 92.130+/-0.908 χ^2/NDF: 496.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 77.626+/-0.726 χ^2/NDF: 1153.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

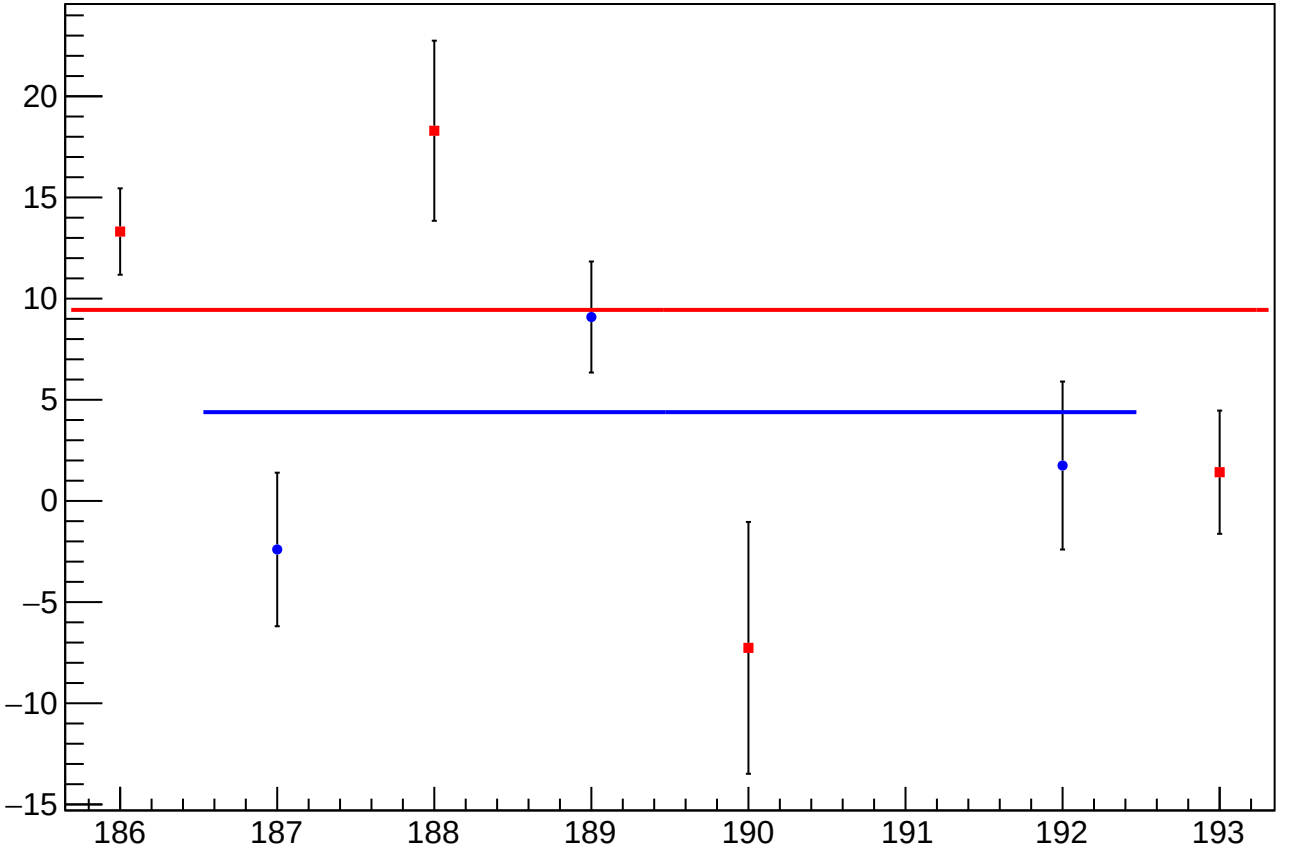
Right: 83.289+/-0.567 χ^2/NDF: 1805.9/6

In: 92.130+/-0.908 χ^2/NDF:496.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 83.289+/-0.567 χ^2/NDF: 1805.9/6

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.388+/-1.960 χ^2/NDF: 6.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.443+/-1.575 χ^2/NDF: 21.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

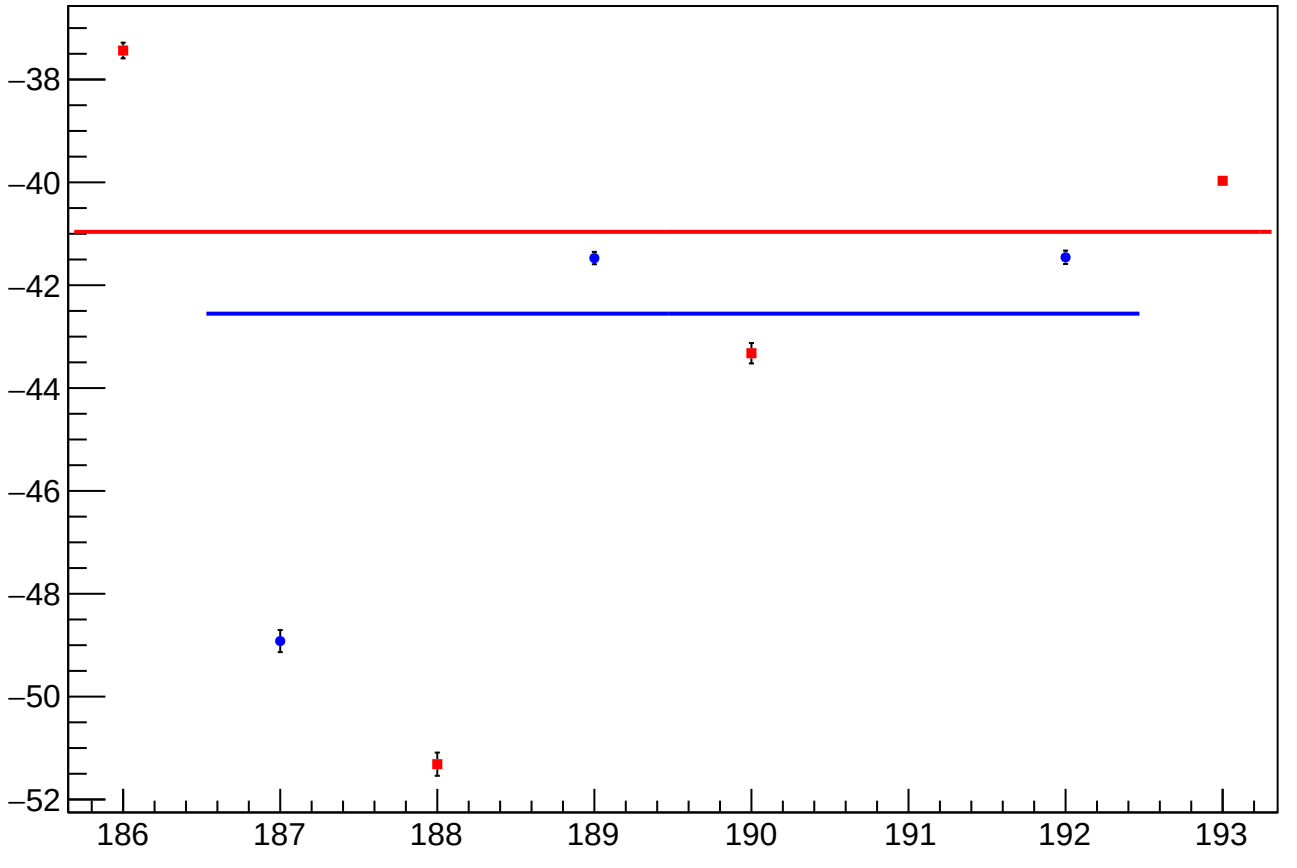
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.460+/-1.228 χ^2/NDF: 32.0/6

In: 4.388+/-1.960 χ^2/NDF:6.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.460+/-1.228 χ^2/NDF: 32.0/6



Right In: -42.553+/-0.082 χ^2/NDF: 1029.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -40.962+/-0.071 χ^2/NDF: 2890.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

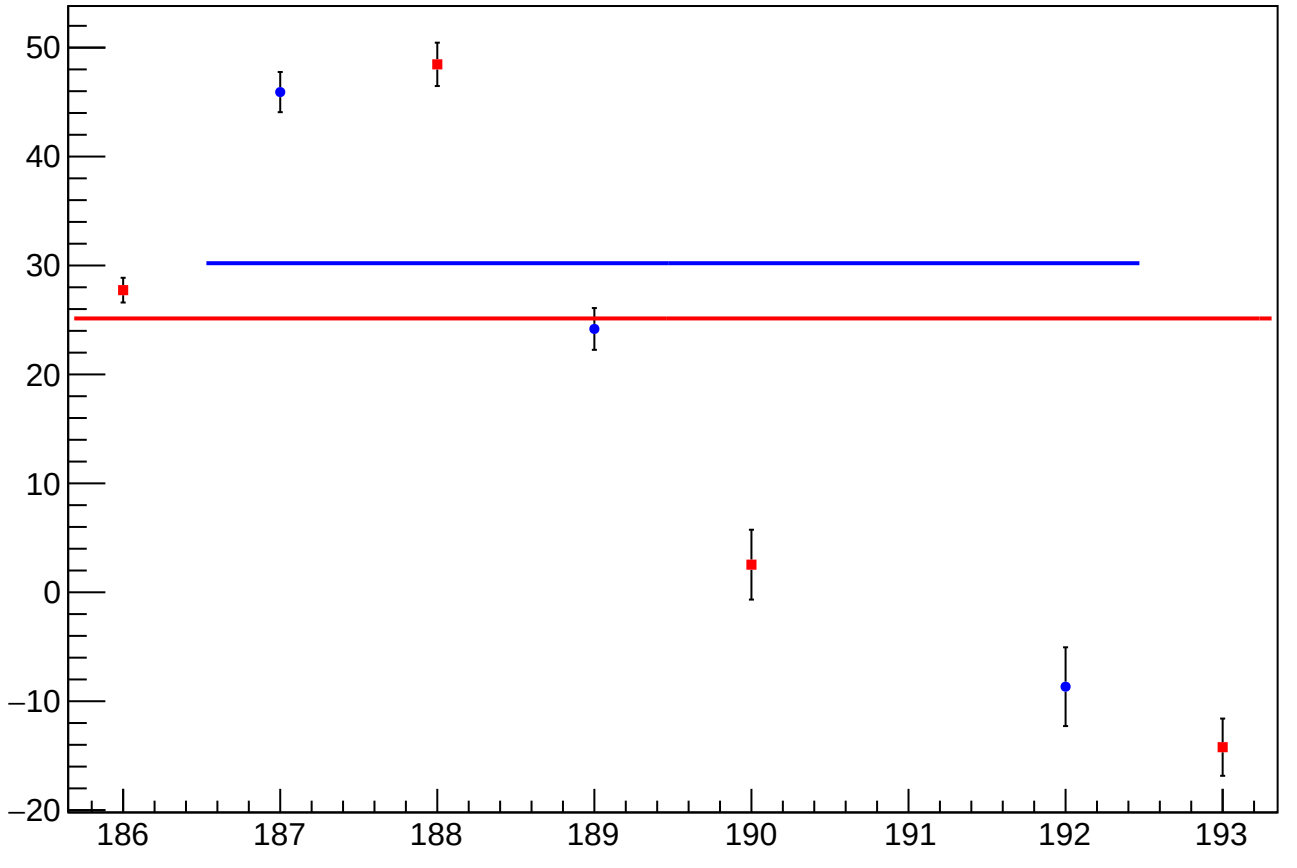
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -41.640+/-0.054 χ^2/NDF: 4136.1/6

In: -42.553+/-0.082 χ^2/NDF:1029.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -41.640+/-0.054 χ^2/NDF: 4136.1/6



Right In: 30.210+/-1.248 χ^2/NDF: 198.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 25.139+/-0.887 χ^2/NDF: 416.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

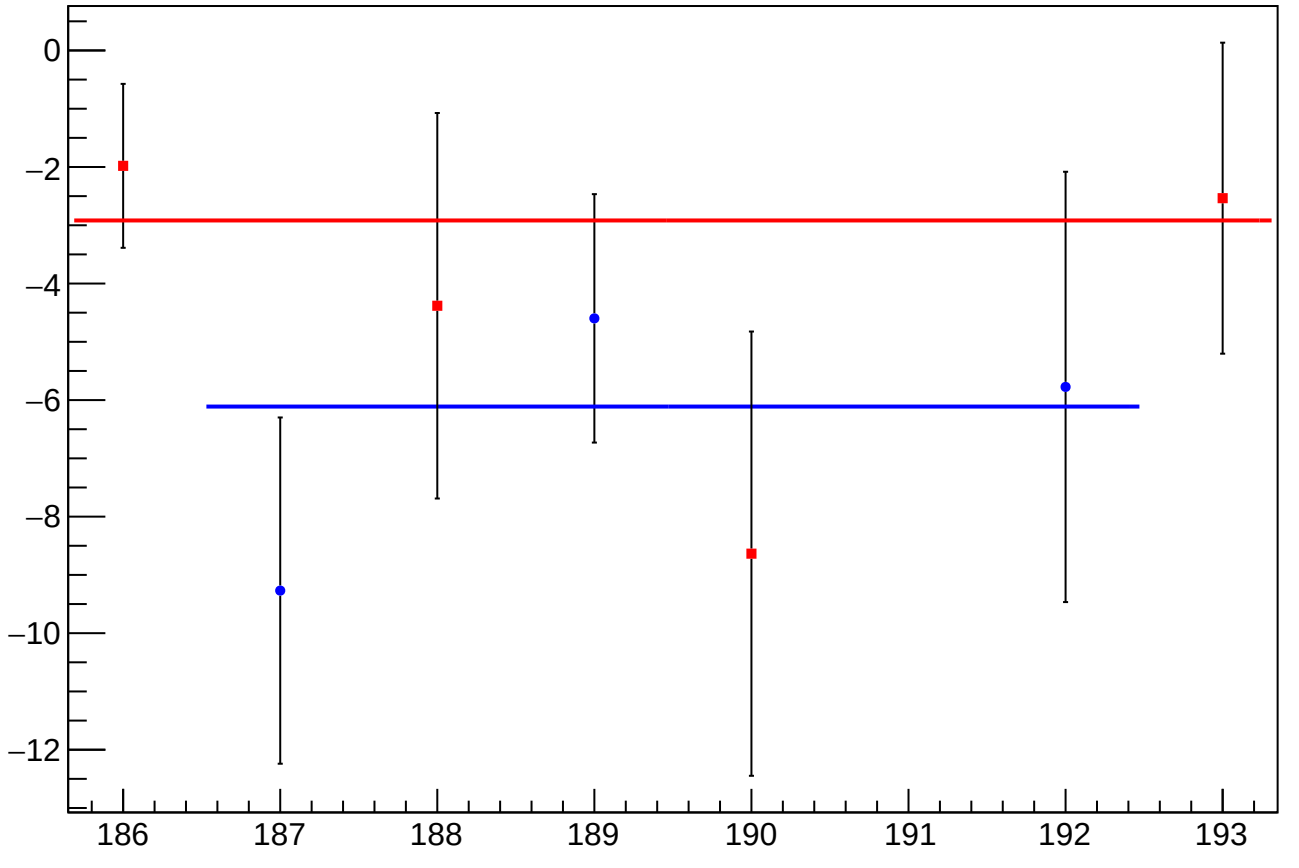
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

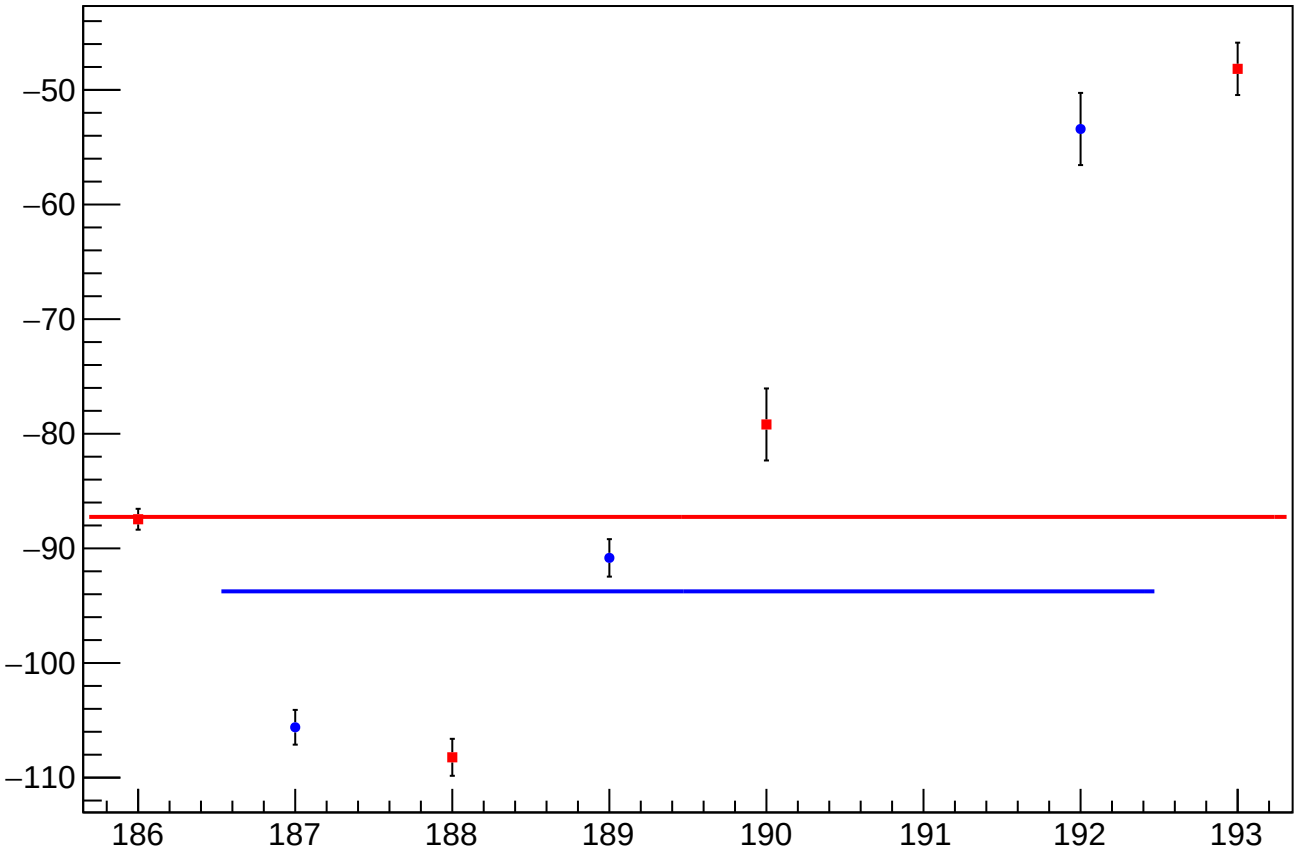
Right: 26.841+/-0.723 χ^2/NDF: 625.8/6

In: 30.210+/-1.248 χ^2/NDF:198.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 26.841+/-0.723 χ^2/NDF: 625.8/6


reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
0
−2
−4
−6
−8
−10
−12
186
187
188
189
190
191
192
193
Right In: -6.111+/-1.568 χ²/NDF: 1.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -2.917+/-1.114 χ²/NDF: 2.9/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -3.988+/-0.908 χ²/NDF: 7.3/6
In: -6.111+/-1.568 χ²/NDF:1.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -3.988+/-0.908 χ²/NDF: 7.3/6



Right In: -93.749+/-1.048 χ^2/NDF: 228.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -87.253+/-0.729 χ^2/NDF: 468.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

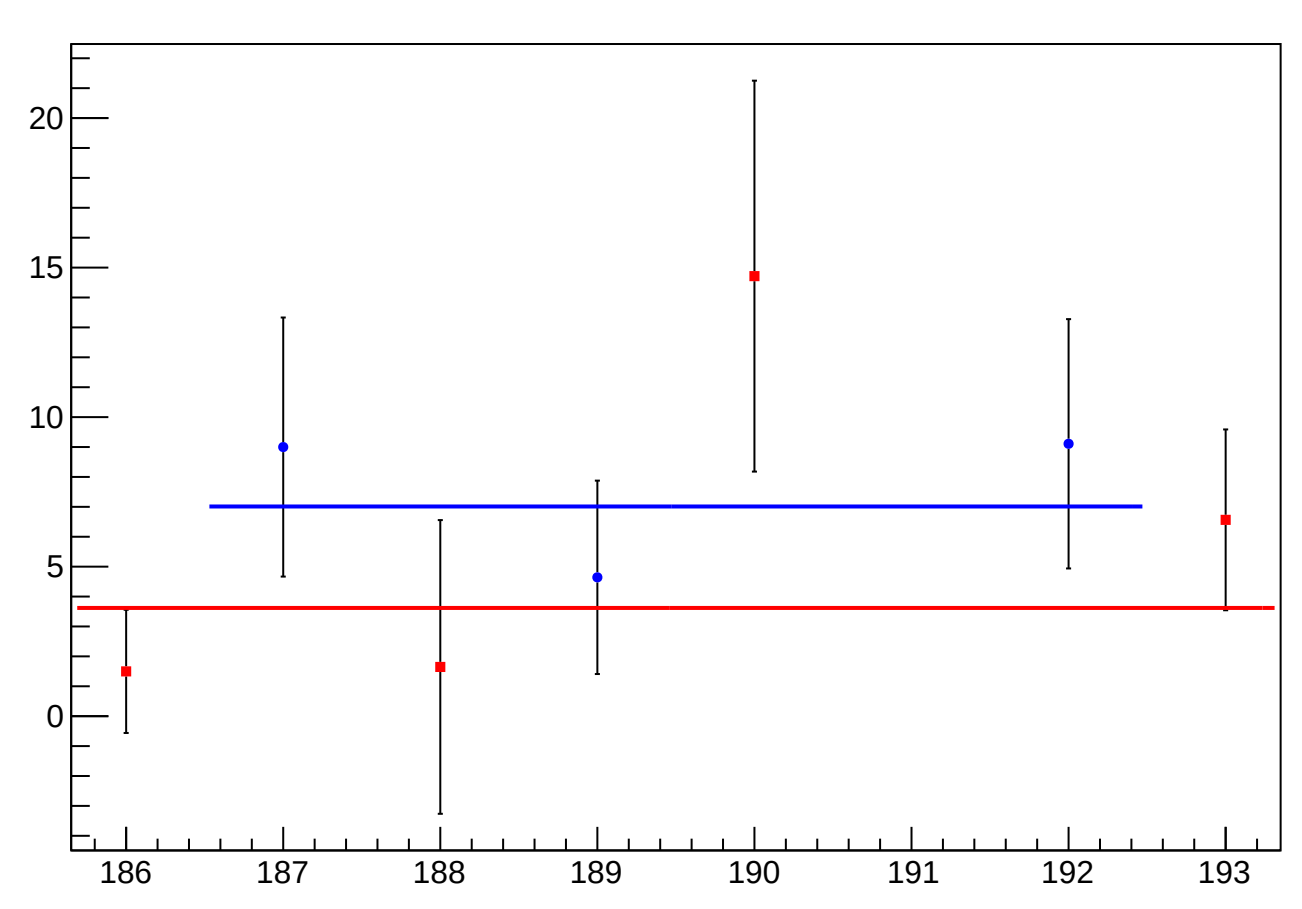
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -89.371+/-0.598 χ^2/NDF: 723.2/6

In: -93.749+/-1.048 χ^2/NDF:228.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -89.371+/-0.598 χ^2/NDF: 723.2/6



Right In: 7.012+/-2.201 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.619+/-1.562 χ^2/NDF: 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

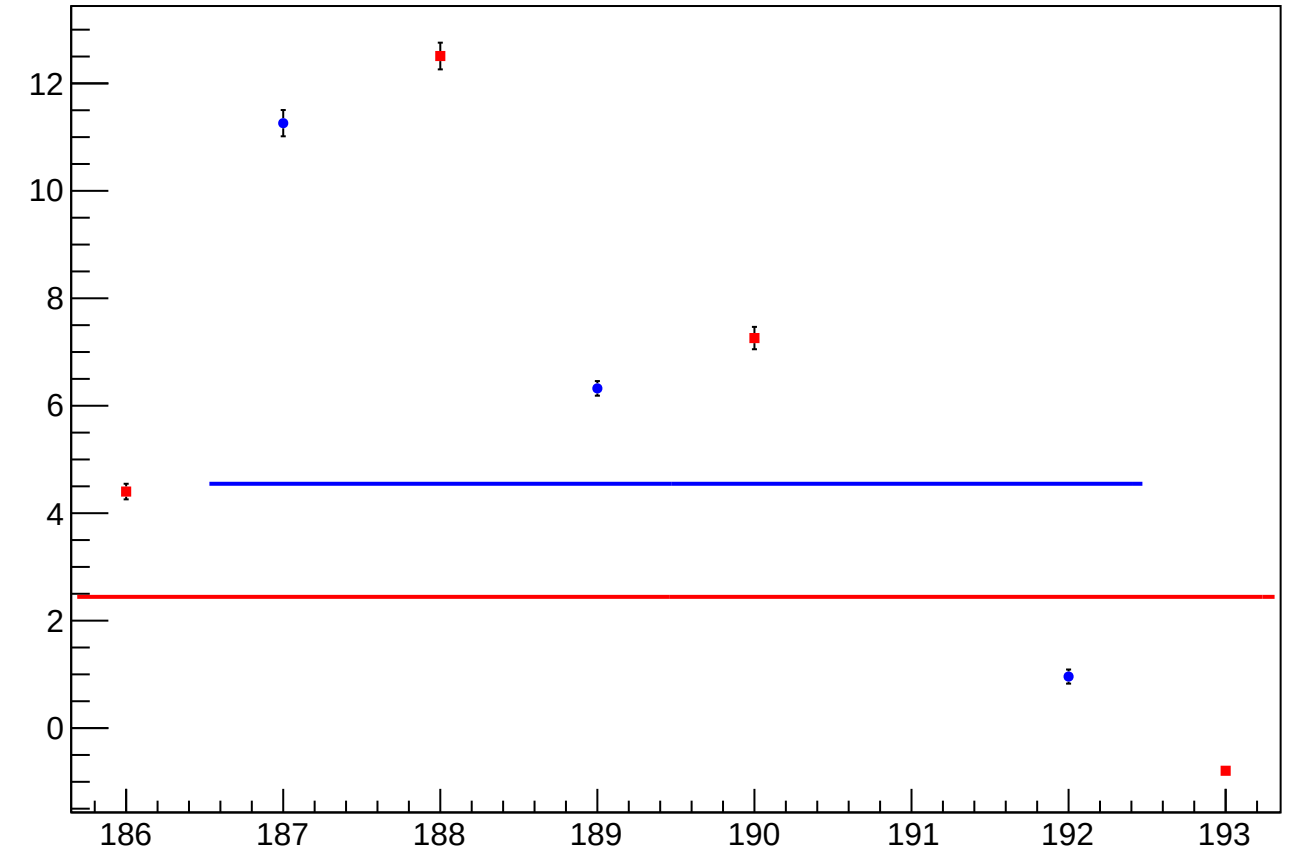
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.756+/-1.274 χ^2/NDF: 7.6/6

In: 7.012+/-2.201 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.756+/-1.274 χ^2/NDF: 7.6/6



Right In: 4.548+/-0.088 χ^2/NDF: 1669.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.443+/-0.071 χ^2/NDF: 3548.5/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

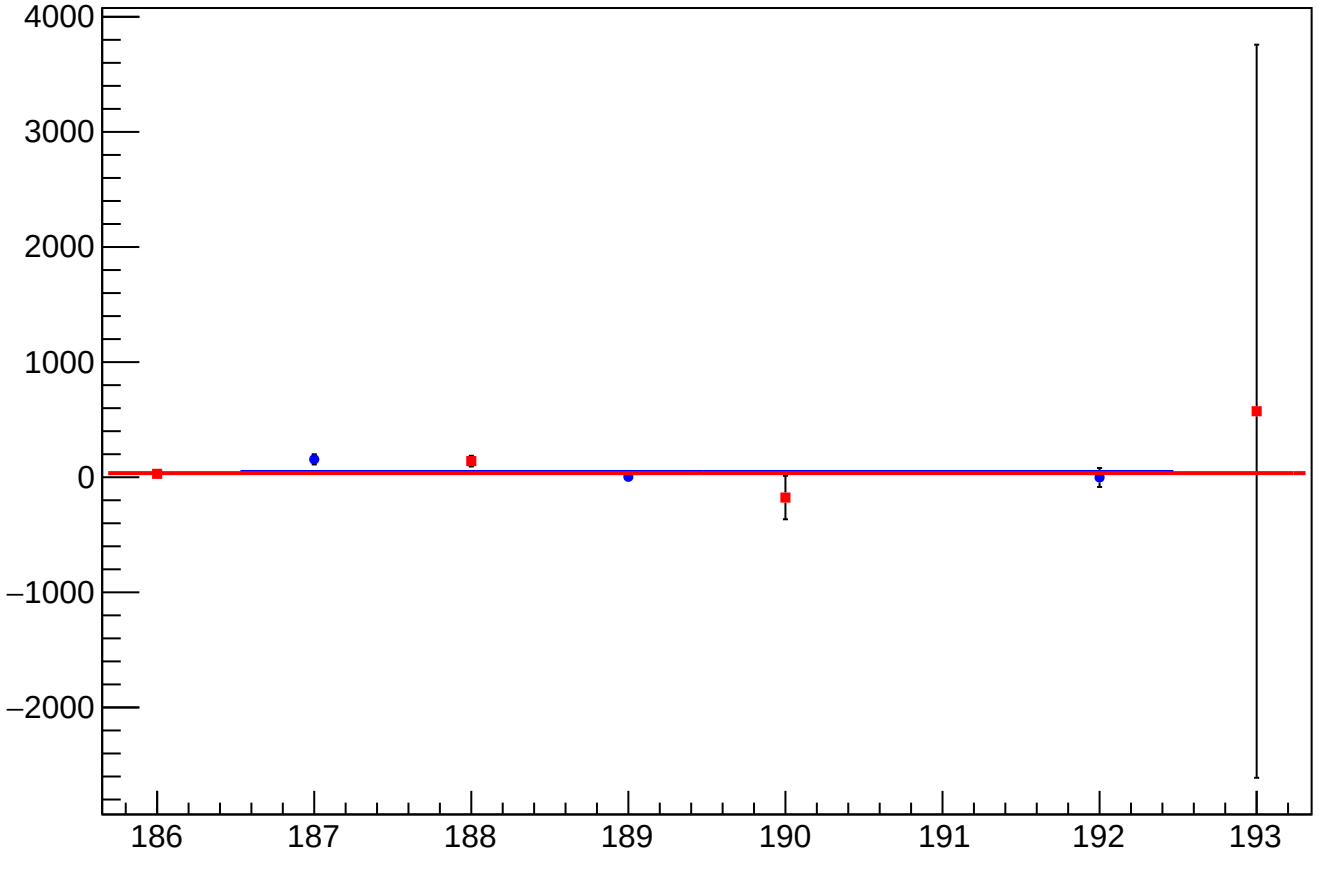
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.266+/-0.055 χ^2/NDF: 5565.1/6

In: 4.548+/-0.088 χ^2/NDF:1669.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.266+/-0.055 χ^2/NDF: 5565.1/6



Right In: 45.416+/-23.293 χ^2/NDF: 8.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 35.814+/-11.678 χ^2/NDF: 6.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

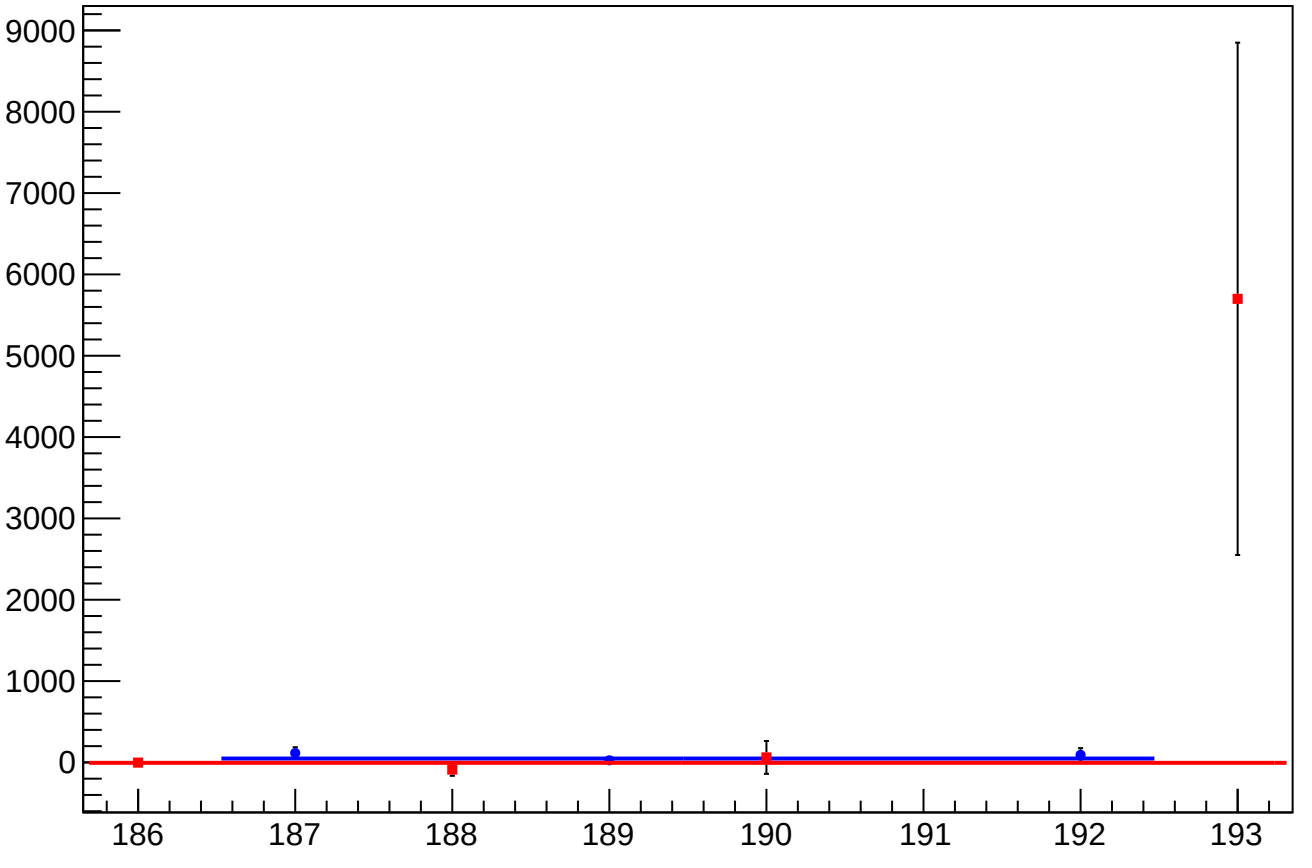
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 37.743+/-10.440 χ^2/NDF: 15.3/6

In: 45.416+/-23.293 χ^2/NDF:8.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 37.743+/-10.440 χ^2/NDF: 15.3/6



Right In: 47.581+/-28.370 χ^2/NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.108+/-14.542 χ^2/NDF: 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

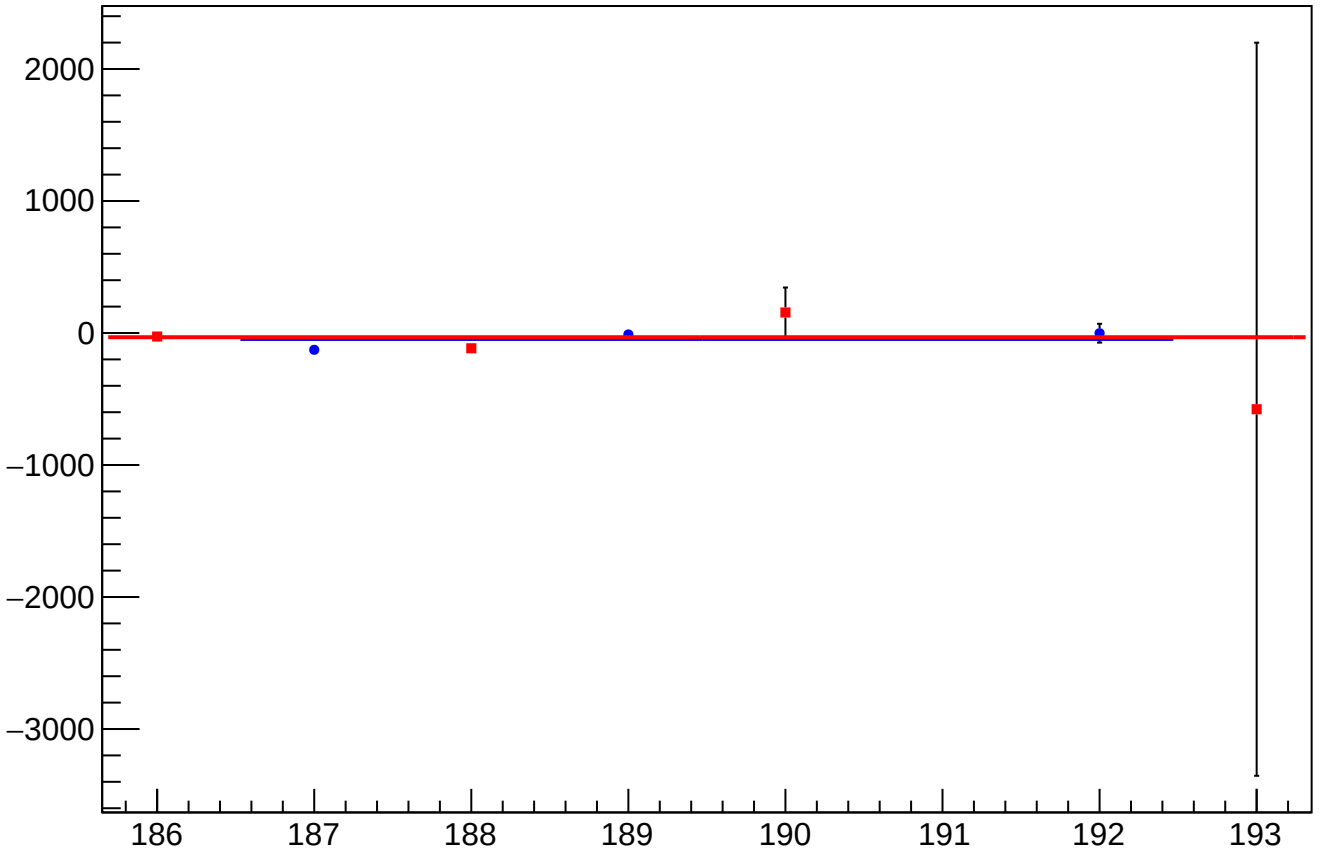
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.855+/-12.941 χ^2/NDF: 8.9/6

In: 47.581+/-28.370 χ^2/NDF:1.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.855+/-12.941 χ^2/NDF: 8.9/6



Right In: -44.874+/-19.684 χ^2/NDF: 7.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.962+/-9.374 χ^2/NDF: 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

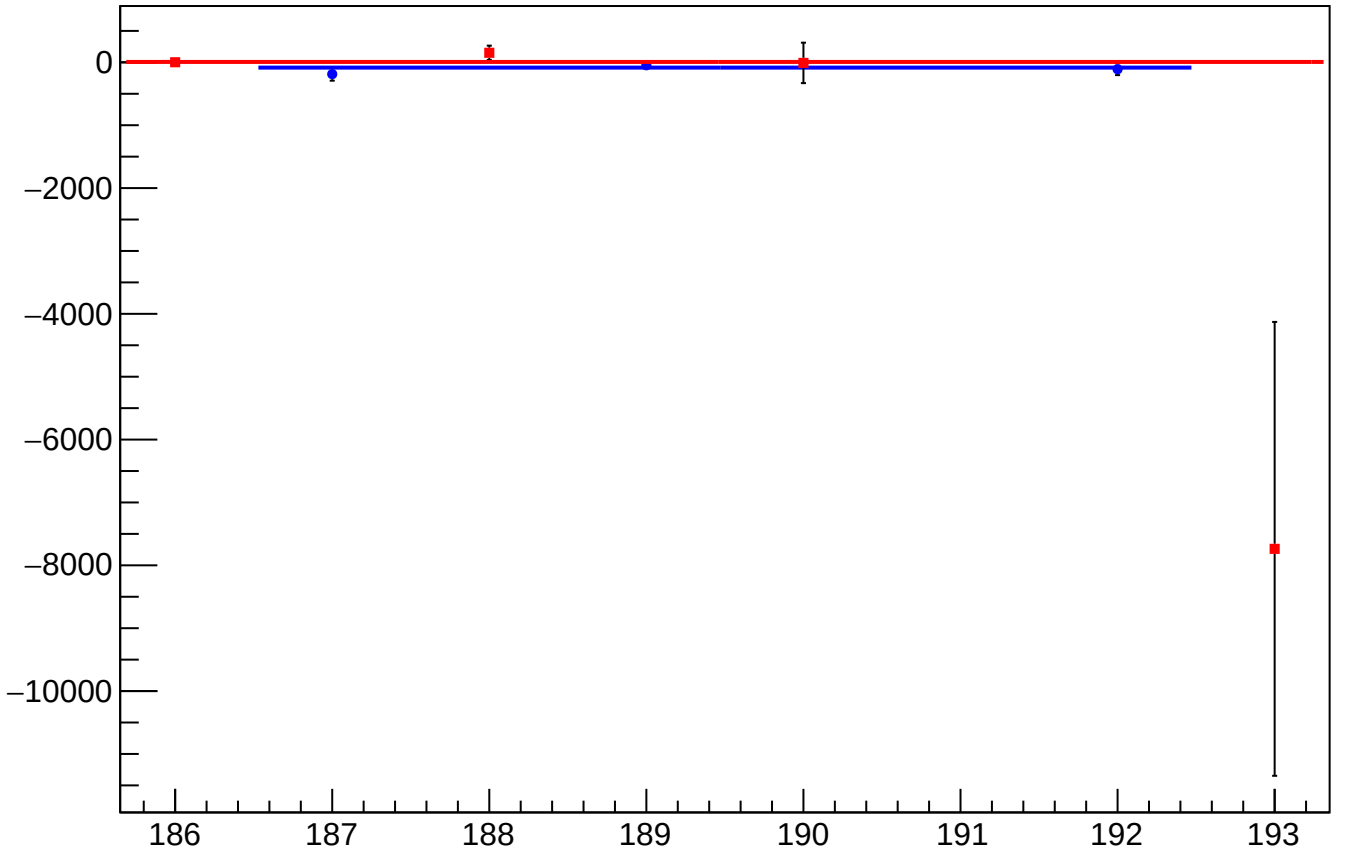
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -34.349+/-8.463 χ^2/NDF: 14.0/6

In: -44.874+/-19.684 χ^2/NDF:7.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.349+/-8.463 χ^2/NDF: 14.0/6



Right In: -83.797+/-42.990 χ^2/NDF: 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.479+/-21.328 χ^2/NDF: 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

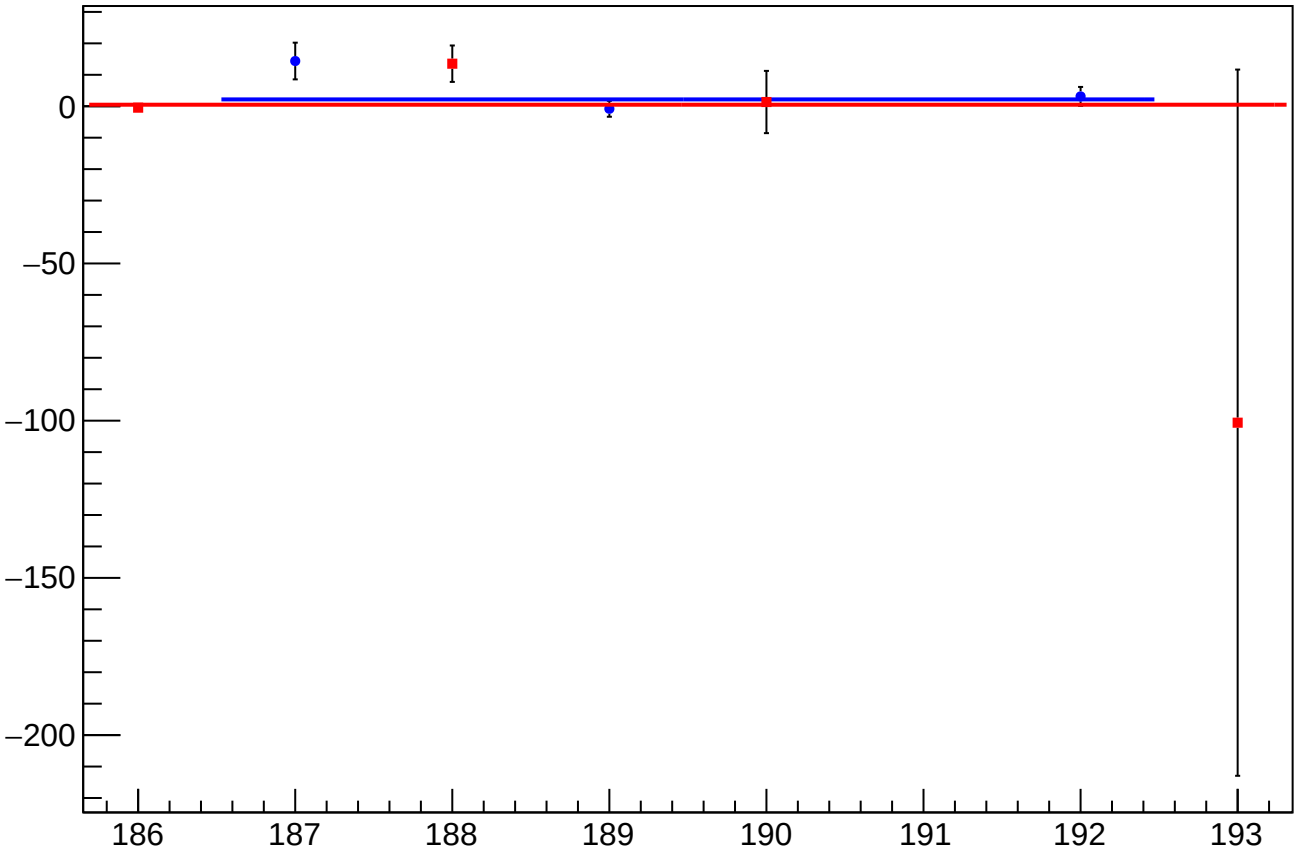
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.352+/-19.106 χ^2/NDF: 11.4/6

In: -83.797+/-42.990 χ^2/NDF:1.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.352+/-19.106 χ^2/NDF: 11.4/6



Right In: 2.177+/-1.839 χ^2/NDF: 5.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.486+/-1.482 χ^2/NDF: 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

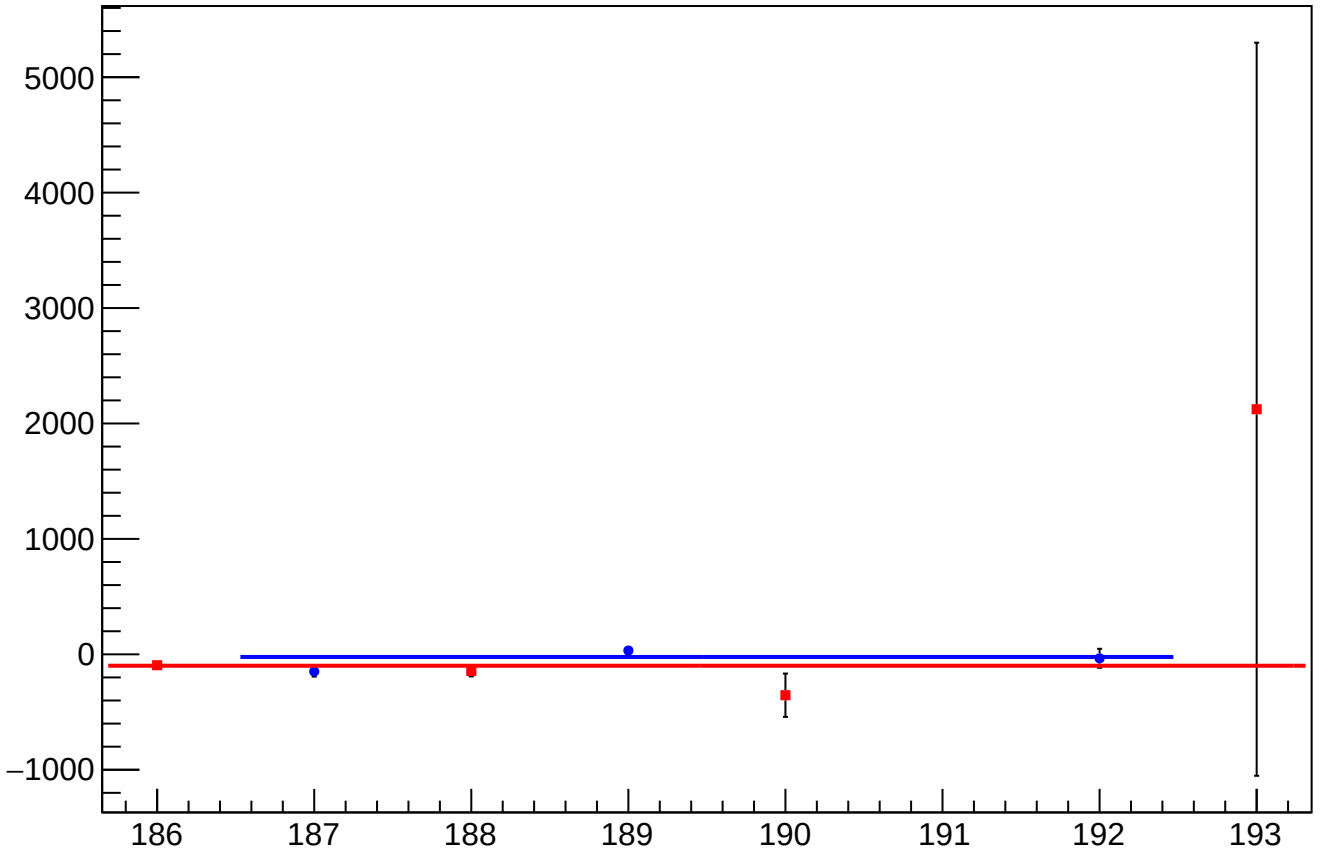
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.152+/-1.154 χ^2/NDF: 12.6/6

In: 2.177+/-1.839 χ^2/NDF:5.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.152+/-1.154 χ^2/NDF: 12.6/6



Right In: -22.757+/-23.268 χ^2/NDF: 11.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -98.642+/-11.683 χ^2/NDF: 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

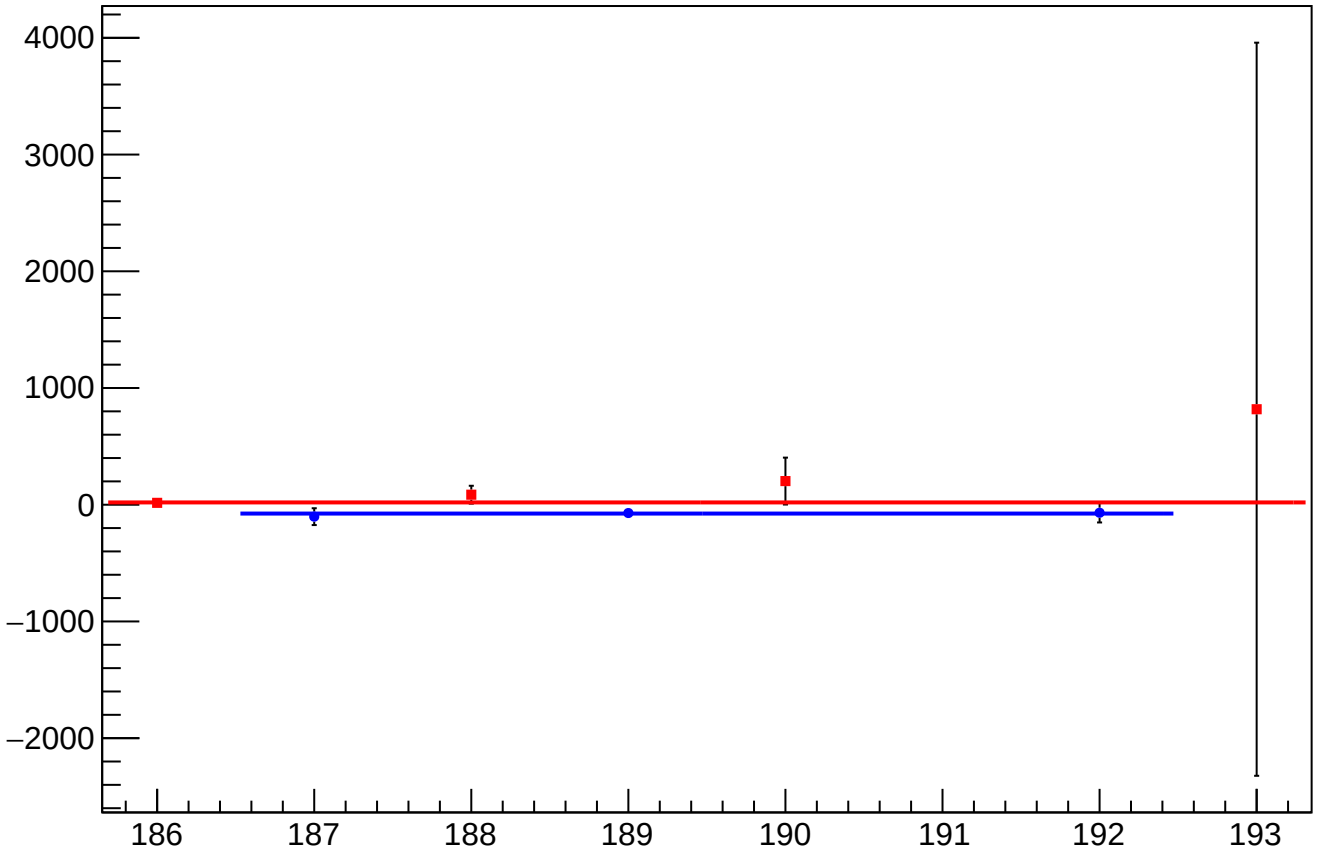
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

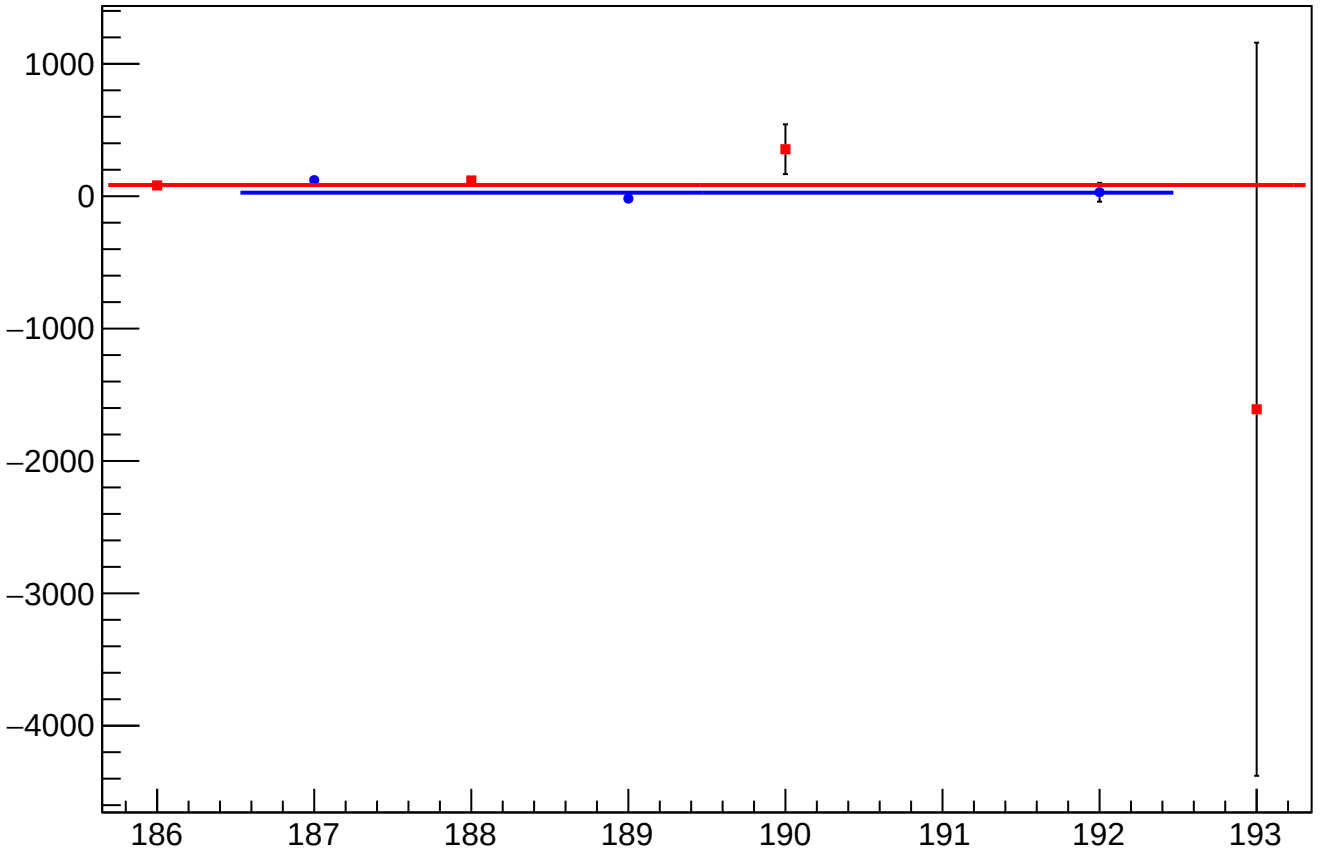
Right: -83.363+/-10.441 χ^2/NDF: 23.7/6

In: -22.757+/-23.268 χ^2/NDF:11.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -83.363+/-10.441 χ^2/NDF: 23.7/6


reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
4000
3000
2000
1000
0
−1000
−2000
186
187
188
189
190
191
192
193
Right In: -75.702+/-28.329 χ²/NDF: 0.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 19.699+/-14.561 χ²/NDF: 1.7/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -0.239+/-12.951 χ²/NDF: 10.8/6
In: -75.702+/-28.329 χ²/NDF:0.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -0.239+/-12.951 χ²/NDF: 10.8/6



Right In: 26.873+/-19.658 χ^2/NDF: 10.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 84.689+/-9.379 χ^2/NDF: 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

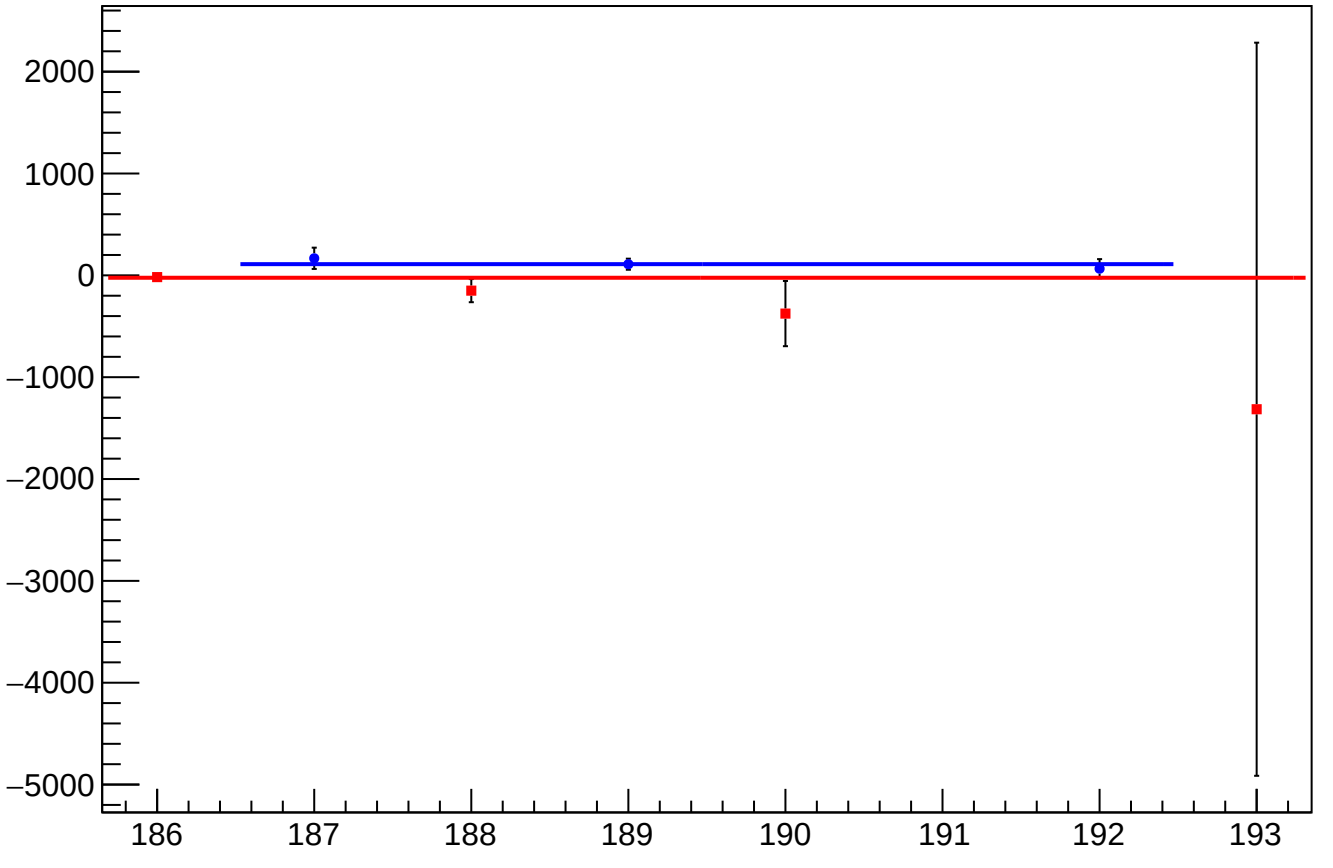
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

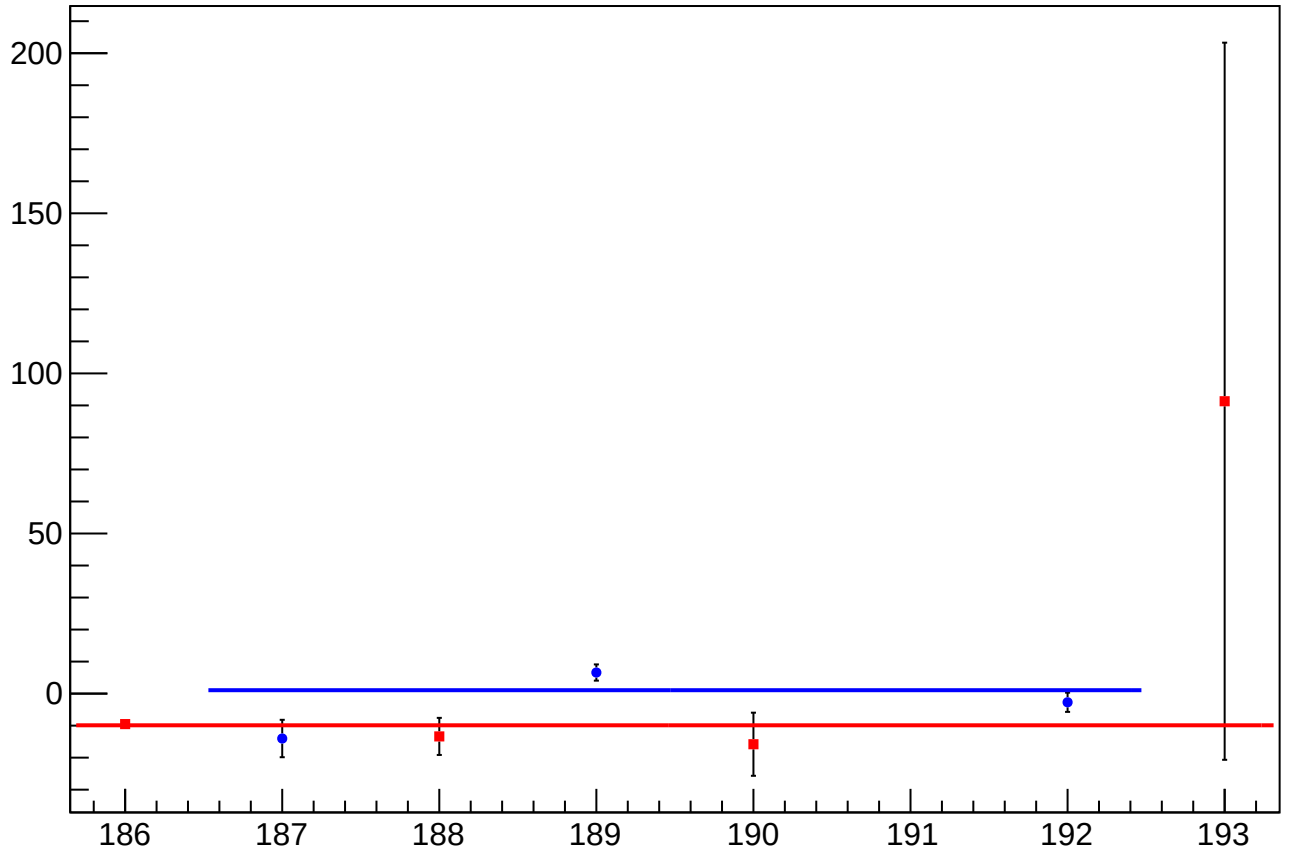
Right: 73.969+/-8.465 χ^2/NDF: 20.6/6

In: 26.873+/-19.658 χ^2/NDF:10.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 73.969+/-8.465 χ^2/NDF: 20.6/6


reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
2000
1000
0
−1000
−2000
−3000
−4000
−5000
186
187
188
189
190
191
192
193
Right In: 109.970+/-42.928 χ²/NDF: 0.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -23.626+/-21.357 χ²/NDF: 2.7/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2.881+/-19.122 χ²/NDF: 11.0/6
In: 109.970+/-42.928 χ²/NDF:0.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2.881+/-19.122 χ²/NDF: 11.0/6



Right In: 1.063+/-1.838 χ^2/NDF: 13.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -9.896+/-1.482 χ^2/NDF: 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

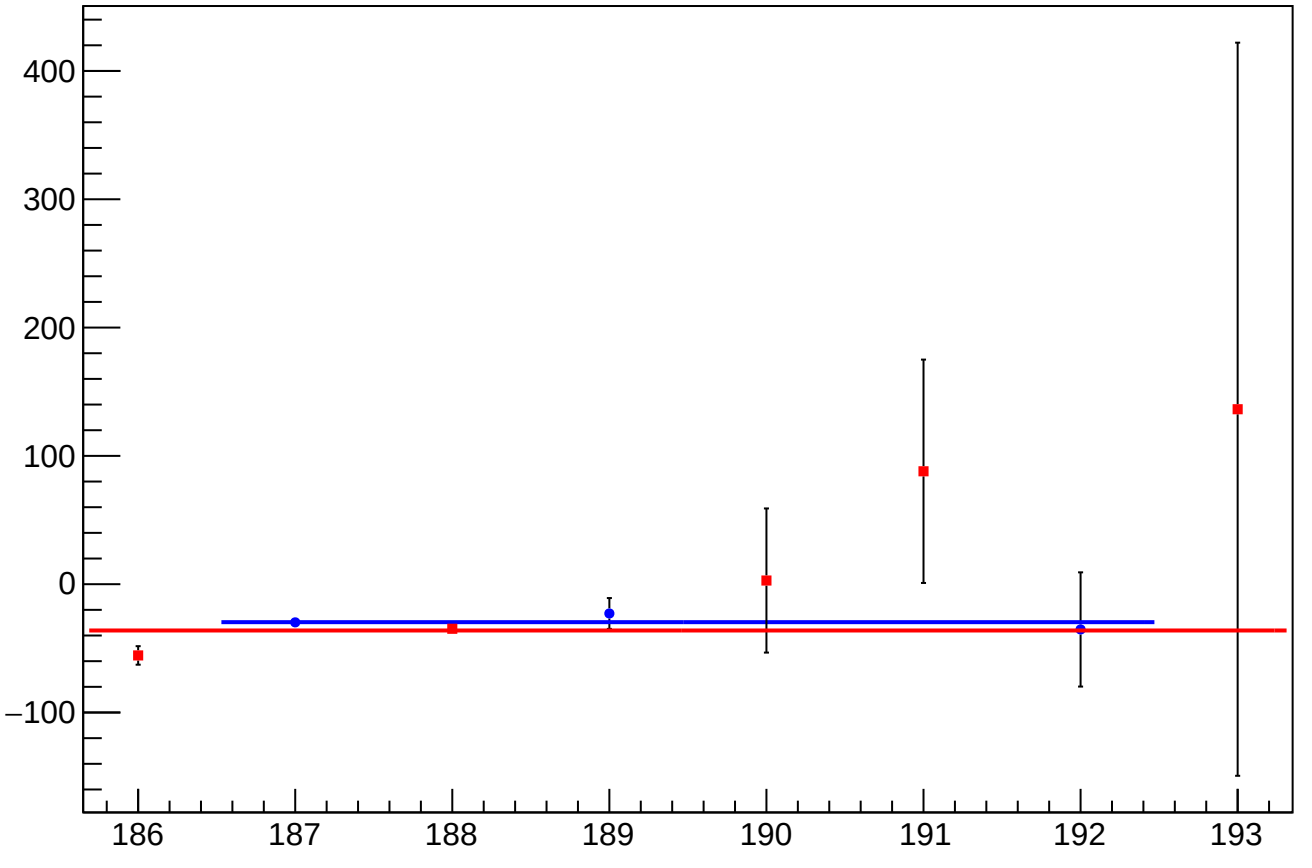
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

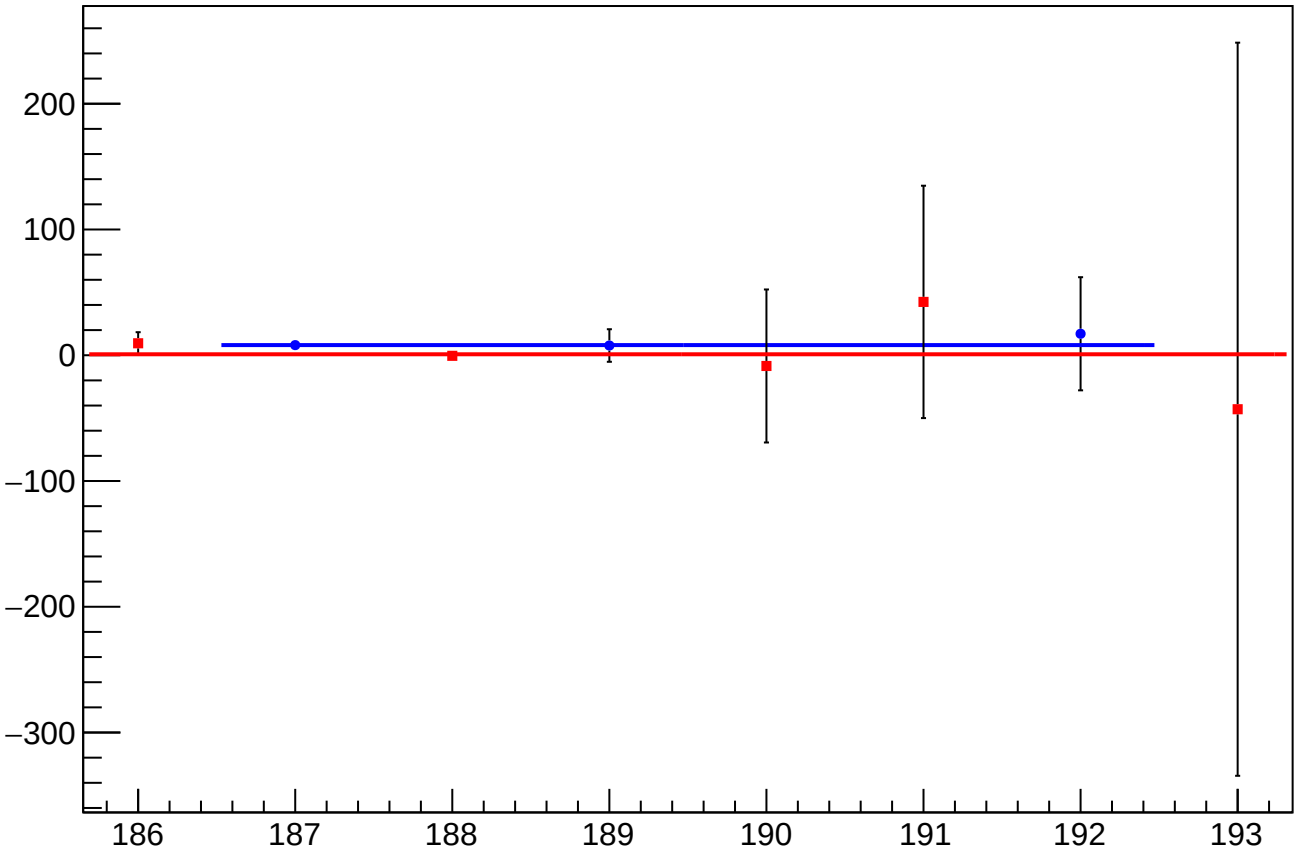
Right: -5.580+/-1.154 χ^2/NDF: 36.1/6

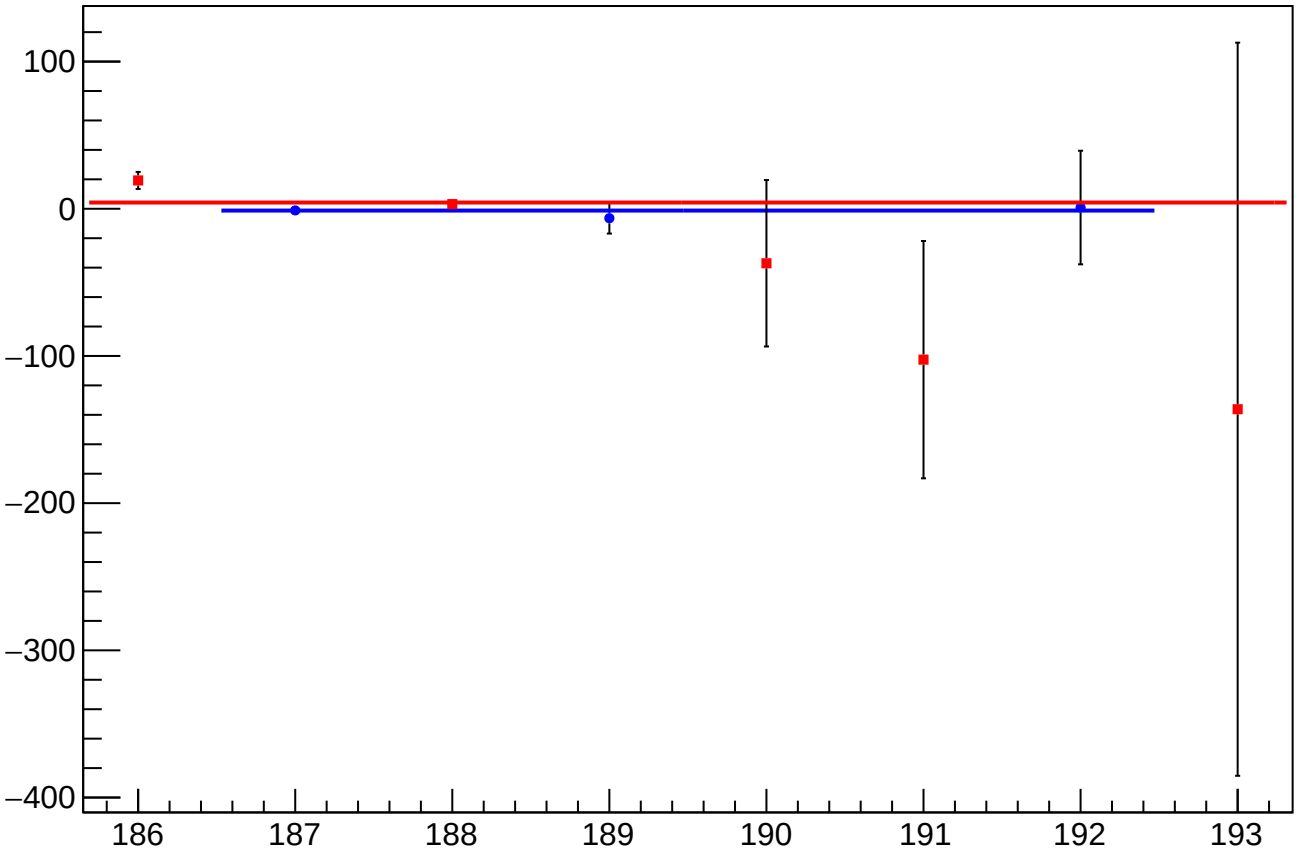
In: 1.063+/-1.838 χ^2/NDF:13.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.580+/-1.154 χ^2/NDF: 36.1/6


reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected
400
300
200
100
0
−100
186
187
188
189
190
191
192
193
Right In: -29.593+/-1.851 χ²/NDF: 0.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -36.081+/-1.900 χ²/NDF: 10.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -32.752+/-1.326 χ²/NDF: 16.9/7
In: -29.593+/-1.851 χ²/NDF:0.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -32.752+/-1.326 χ²/NDF: 16.9/7


reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
200
100
0
−100
−200
−300
186
187
188
189
190
191
192
193
Right In: 8.080+/-2.939 χ²/NDF: 0.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.772+/-3.065 χ²/NDF: 1.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 4.579+/-2.121 χ²/NDF: 4.4/7
In: 8.080+/-2.939 χ²/NDF:0.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 4.579+/-2.121 χ²/NDF: 4.4/7



Right In: -1.220+/-1.523 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.245+/-1.539 χ^2/NDF: 9.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

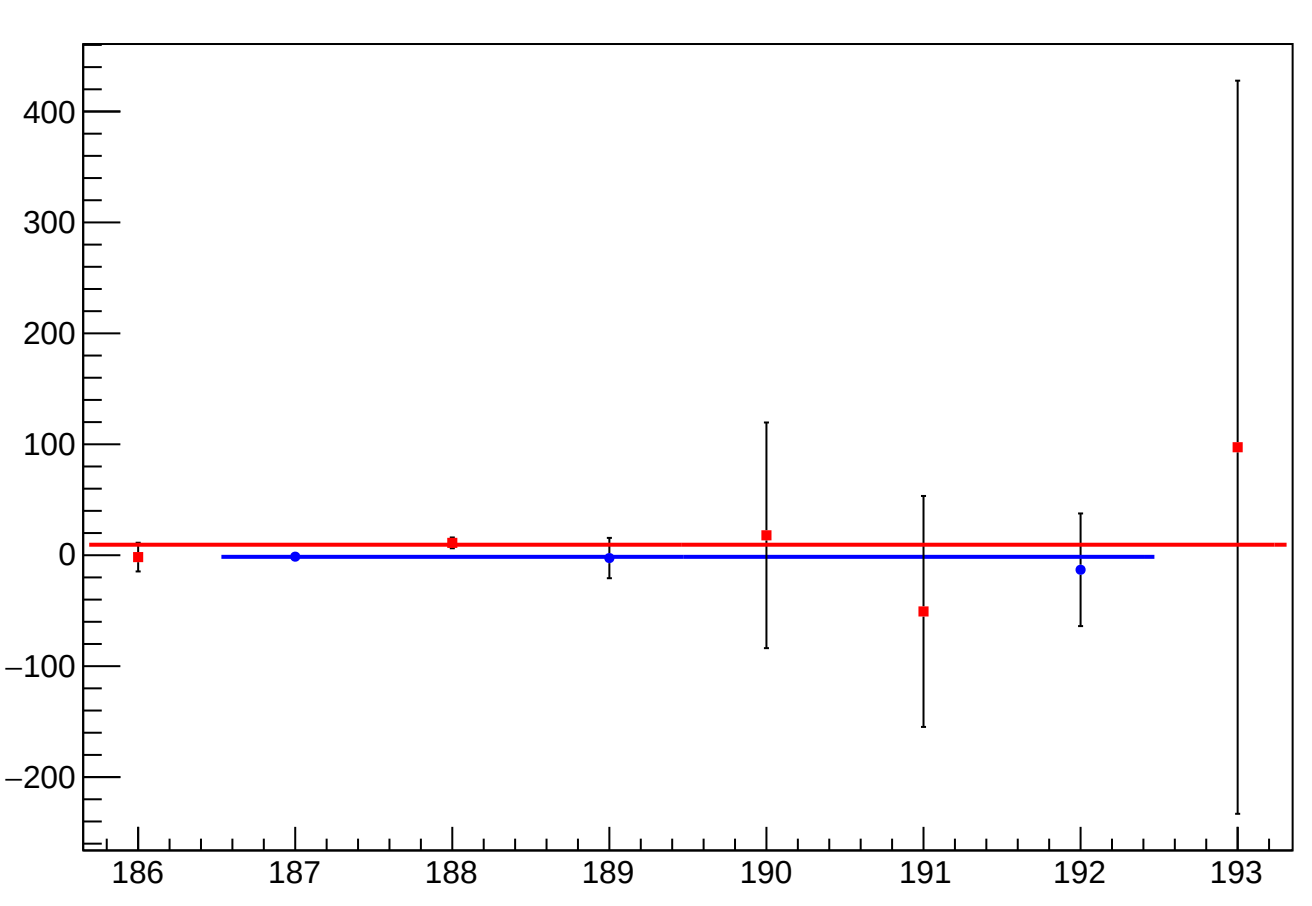
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.484+/-1.082 χ^2/NDF: 16.4/7

In: -1.220+/-1.523 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.484+/-1.082 χ^2/NDF: 16.4/7



Right In: -1.446+/-4.270 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.472+/-4.541 χ^2/NDF: 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

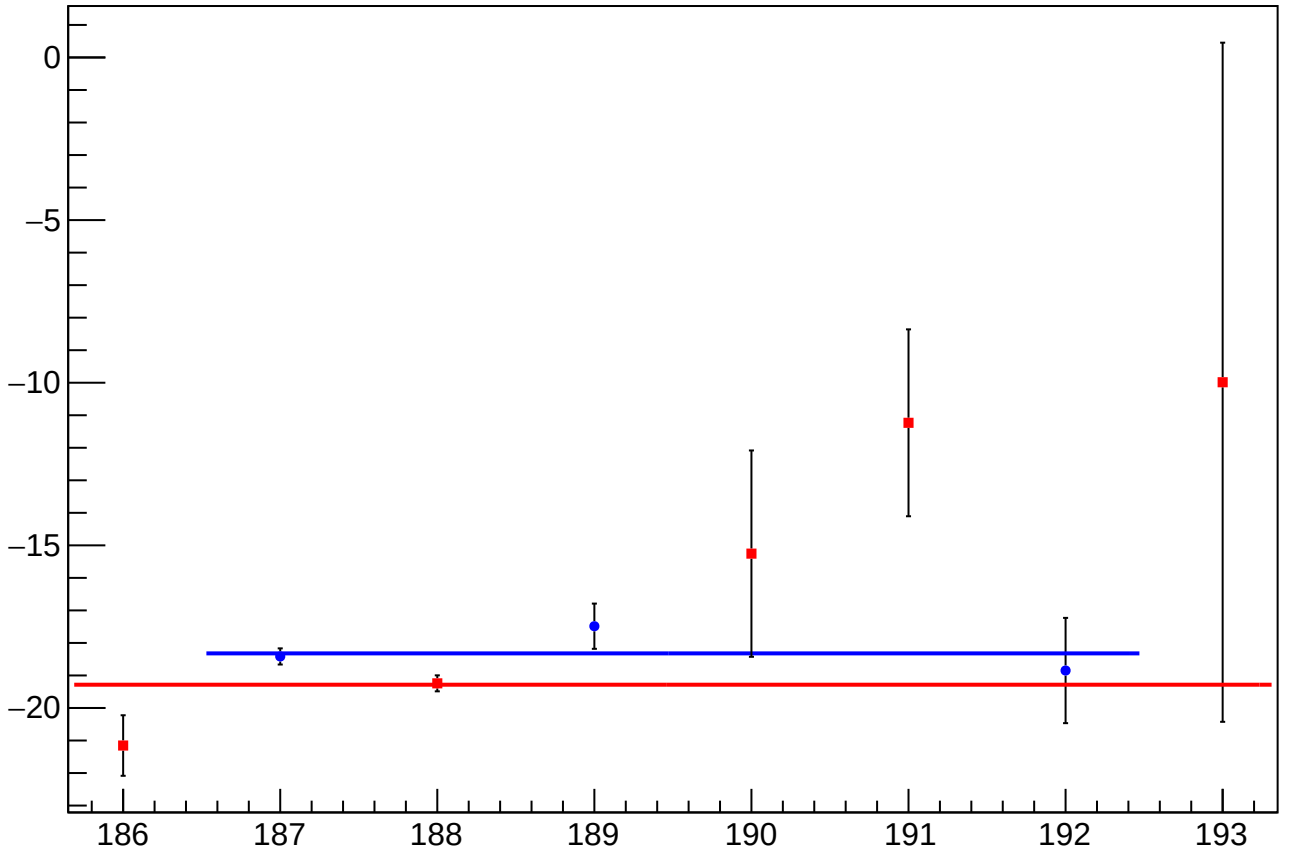
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

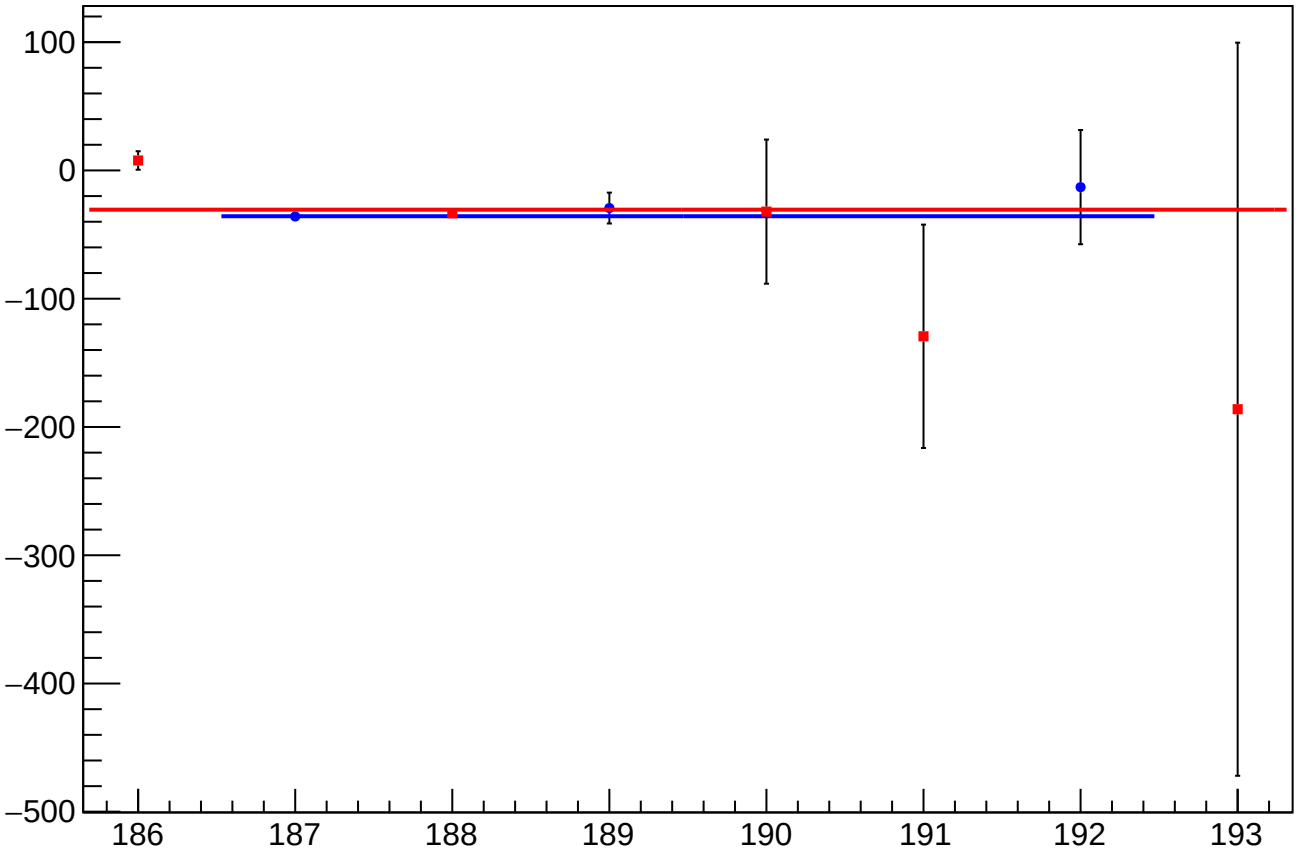
Right: 3.677+/-3.111 χ^2/NDF: 4.4/7

In: -1.446+/-4.270 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.677+/-3.111 χ^2/NDF: 4.4/7


reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected
0
−5
−10
−15
−20
186
187
188
189
190
191
192
193
Right In: -18.321+/-0.231 χ²/NDF: 1.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -19.285+/-0.236 χ²/NDF: 14.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -18.793+/-0.165 χ²/NDF: 24.5/7
In: -18.321+/-0.231 χ²/NDF:1.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -18.793+/-0.165 χ²/NDF: 24.5/7



Right In: -35.709+/-1.857 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -30.590+/-1.909 χ^2/NDF: 31.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

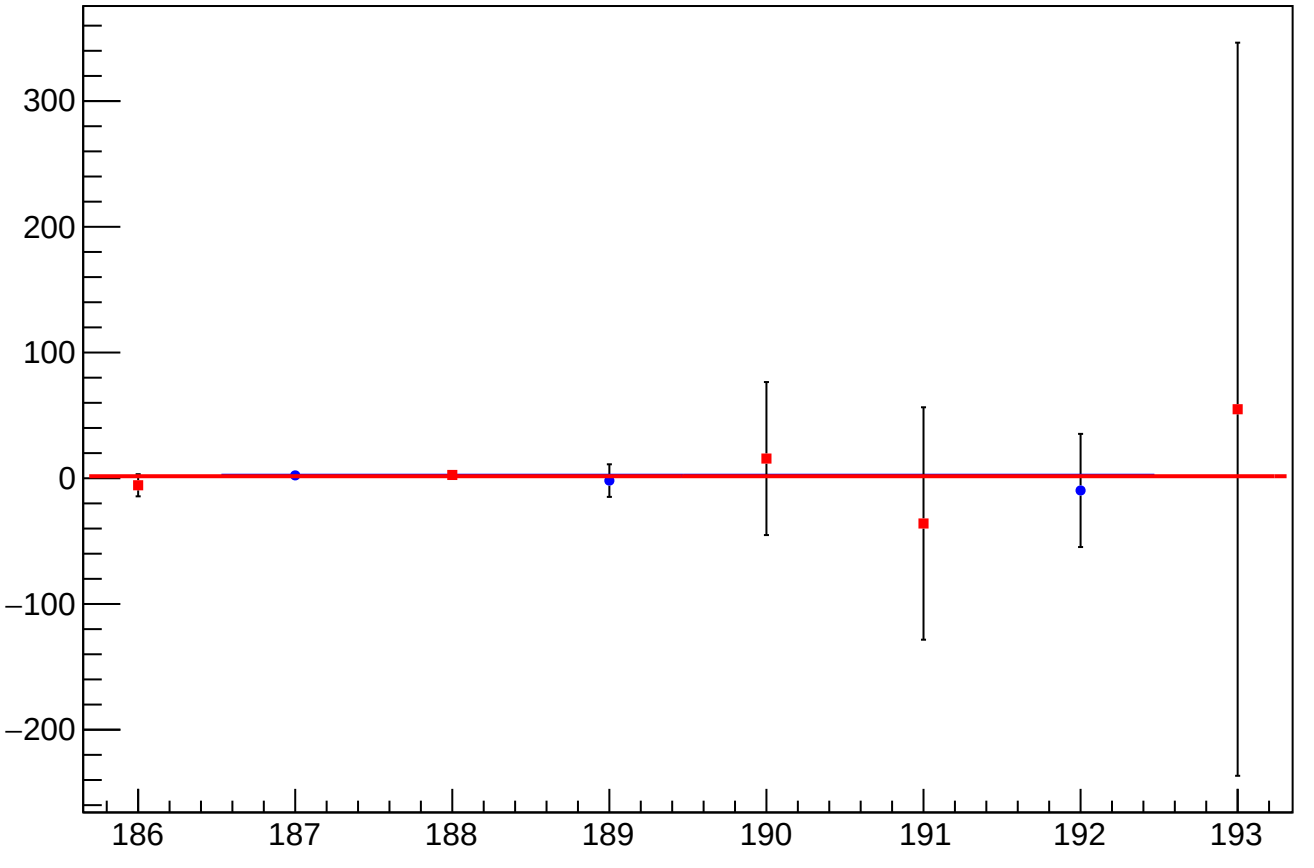
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -33.220+/-1.331 χ^2/NDF: 36.1/7

In: -35.709+/-1.857 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.220+/-1.331 χ^2/NDF: 36.1/7



Right In: 2.019+/-2.951 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.618+/-3.080 χ^2/NDF: 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

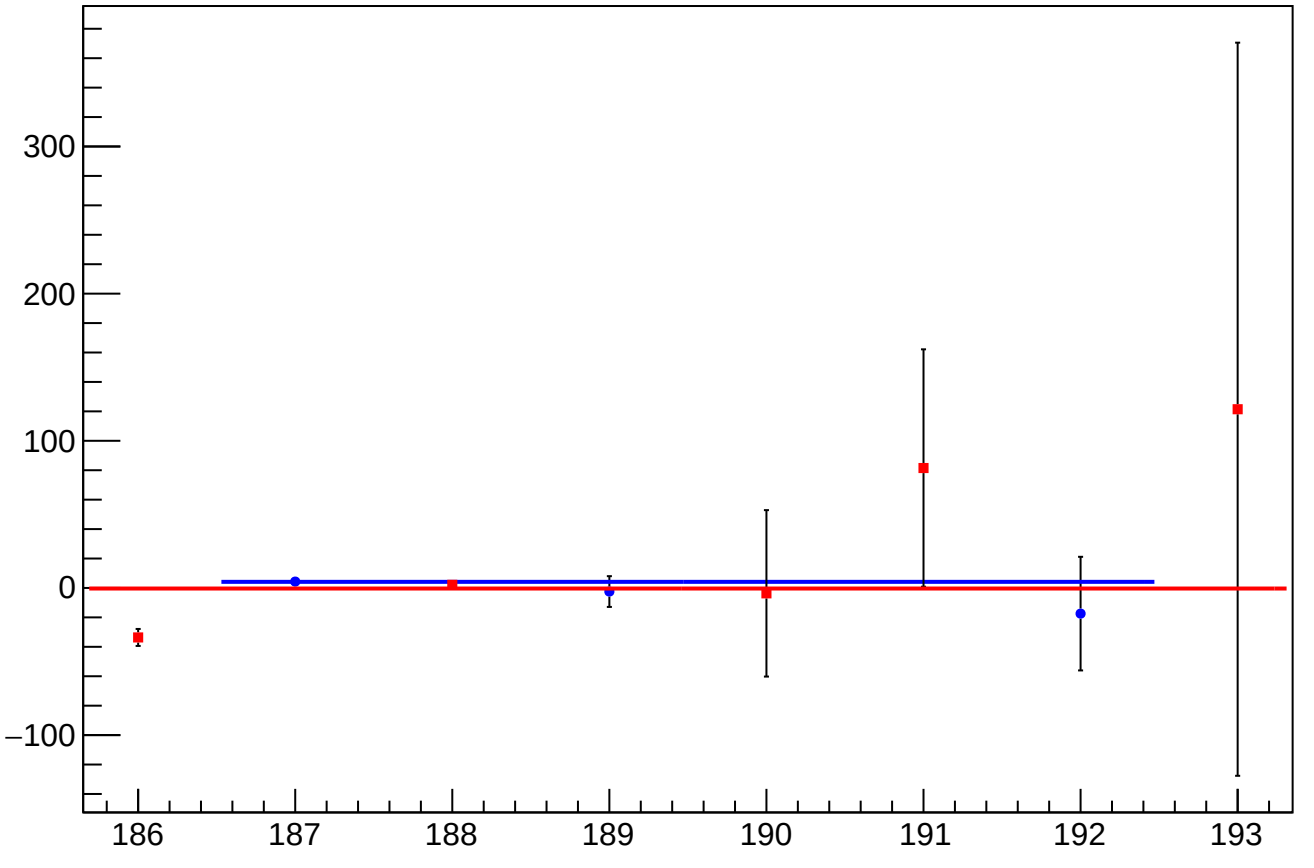
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

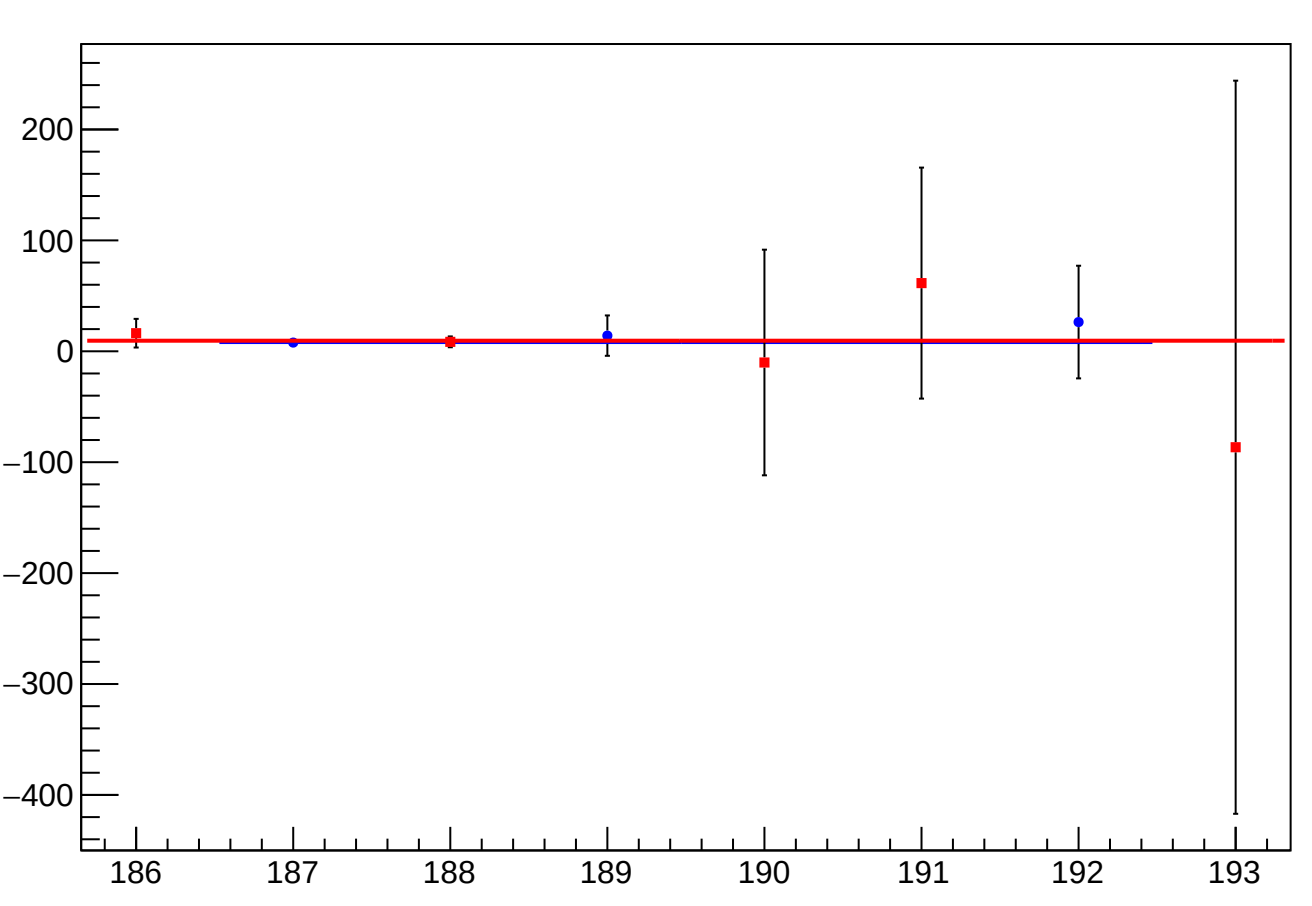
Right: 1.827+/-2.131 χ^2/NDF: 1.2/7

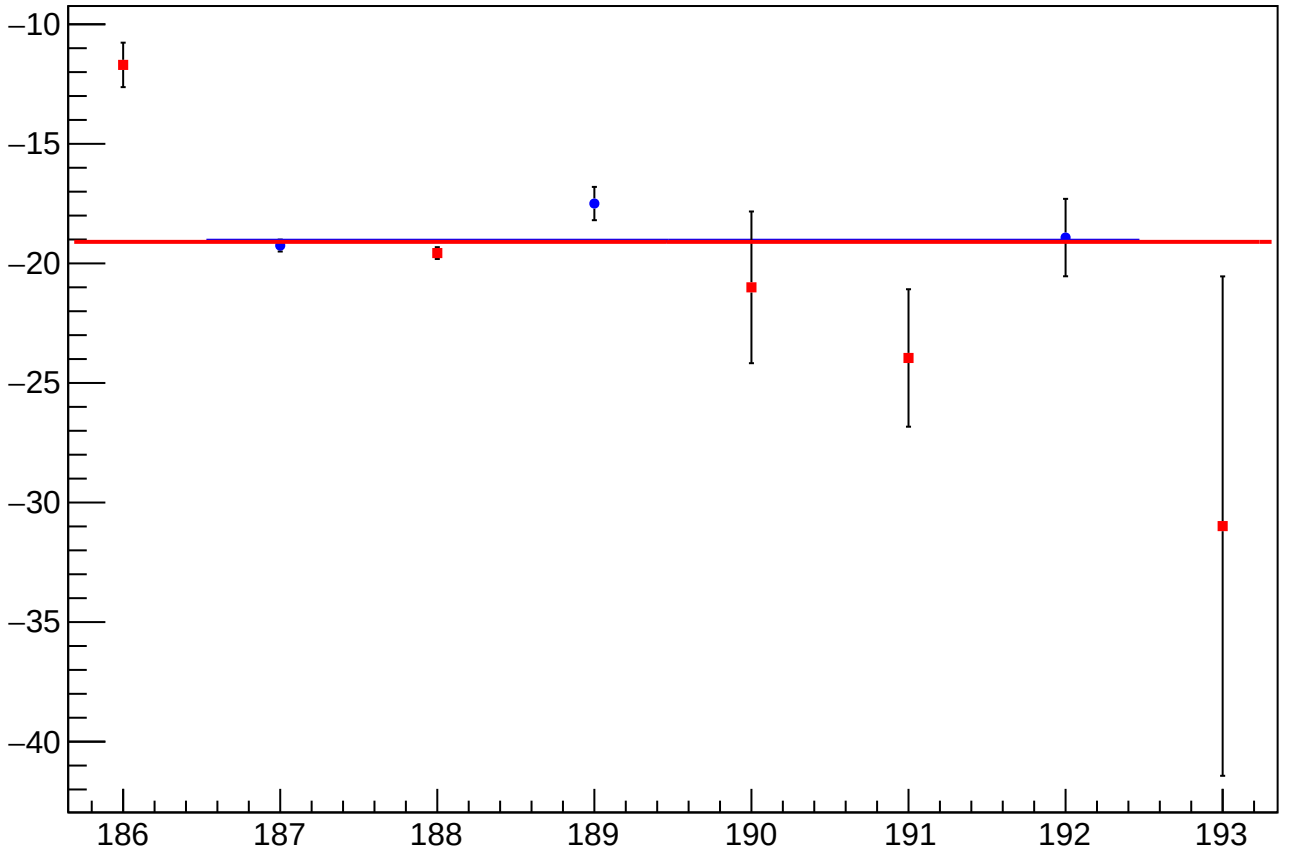
In: 2.019+/-2.951 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.827+/-2.131 χ^2/NDF: 1.2/7


reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
300
200
100
0
−100
186
187
188
189
190
191
192
193
Right In: 4.150+/-1.528 χ²/NDF: 0.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.392+/-1.546 χ²/NDF: 37.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1.905+/-1.087 χ²/NDF: 42.0/7
In: 4.150+/-1.528 χ²/NDF:0.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1.905+/-1.087 χ²/NDF: 42.0/7


reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
200
100
0
−100
−200
−300
−400
186
187
188
189
190
191
192
193
Right In: 8.337+/-4.287 χ²/NDF: 0.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 9.538+/-4.562 χ²/NDF: 0.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 8.900+/-3.124 χ²/NDF: 1.0/7
In: 8.337+/-4.287 χ²/NDF:0.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 8.900+/-3.124 χ²/NDF: 1.0/7



Right In: -19.051+/-0.232 χ^2/NDF: 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.099+/-0.237 χ^2/NDF: 71.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

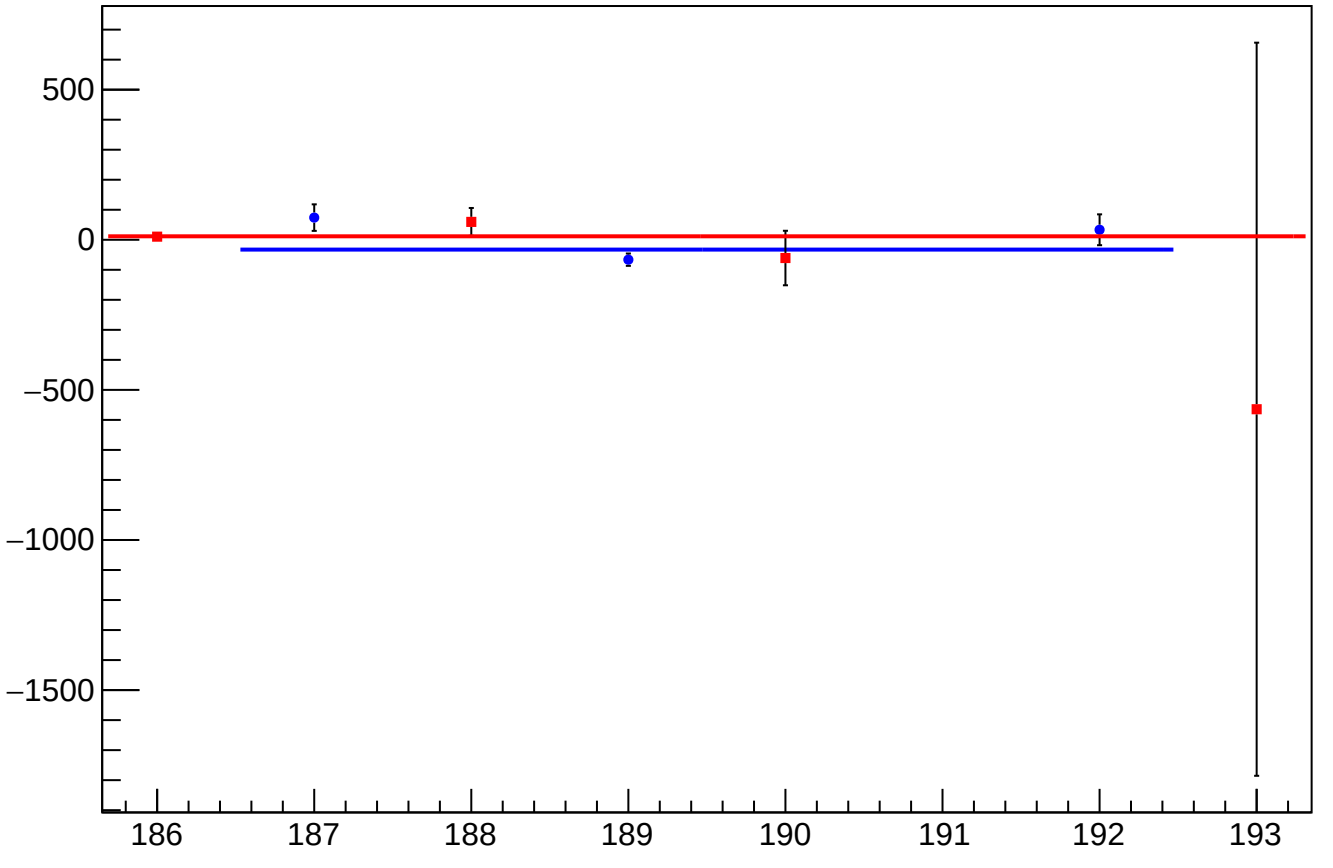
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -19.075+/-0.166 χ^2/NDF: 77.2/7

In: -19.051+/-0.232 χ^2/NDF:5.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.075+/-0.166 χ^2/NDF: 77.2/7



Right In: -32.695+/-17.515 χ^2/NDF: 10.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.580+/-9.209 χ^2/NDF: 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

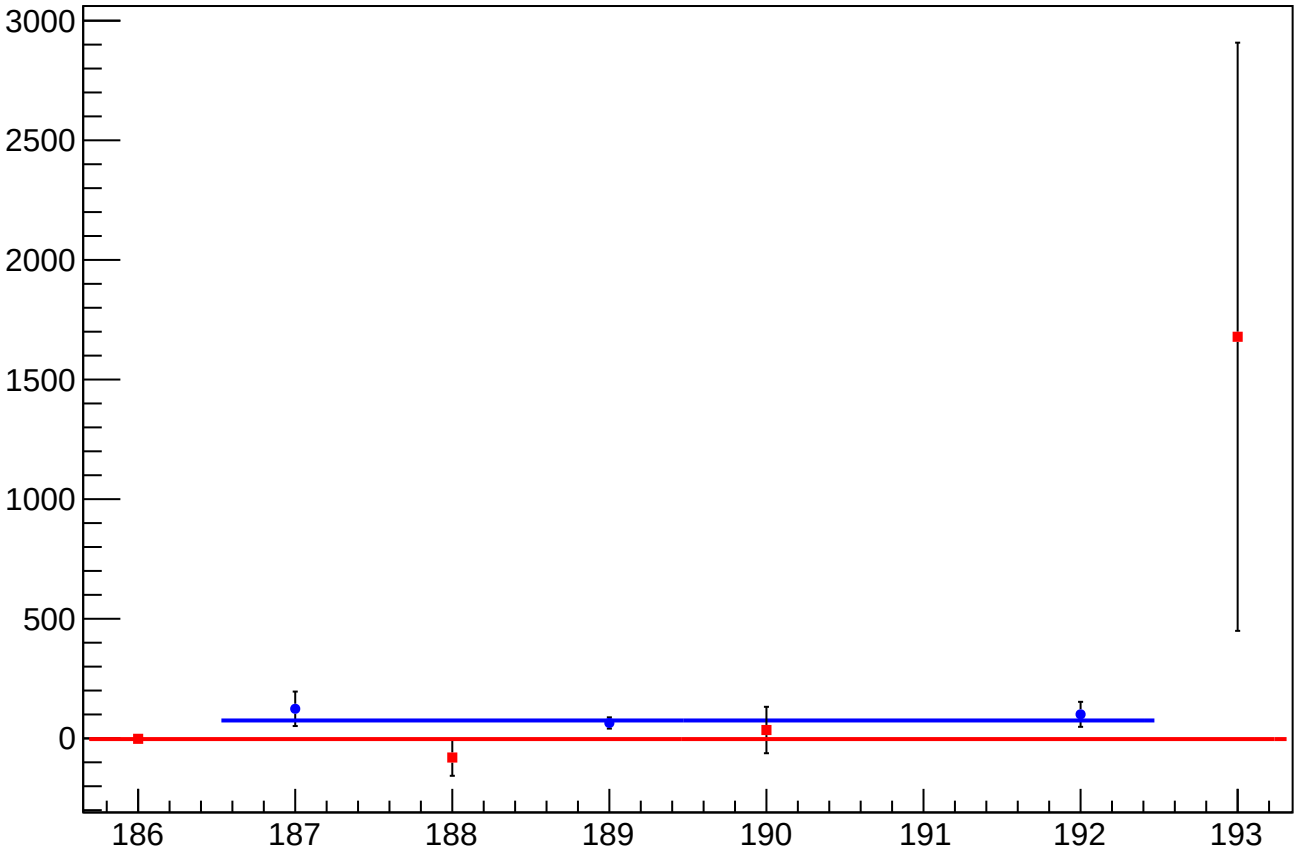
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.992+/-8.151 χ^2/NDF: 17.1/6

In: -32.695+/-17.515 χ^2/NDF:10.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.992+/-8.151 χ^2/NDF: 17.1/6



Right In: 74.895+/-20.549 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.873+/-11.454 χ^2/NDF: 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

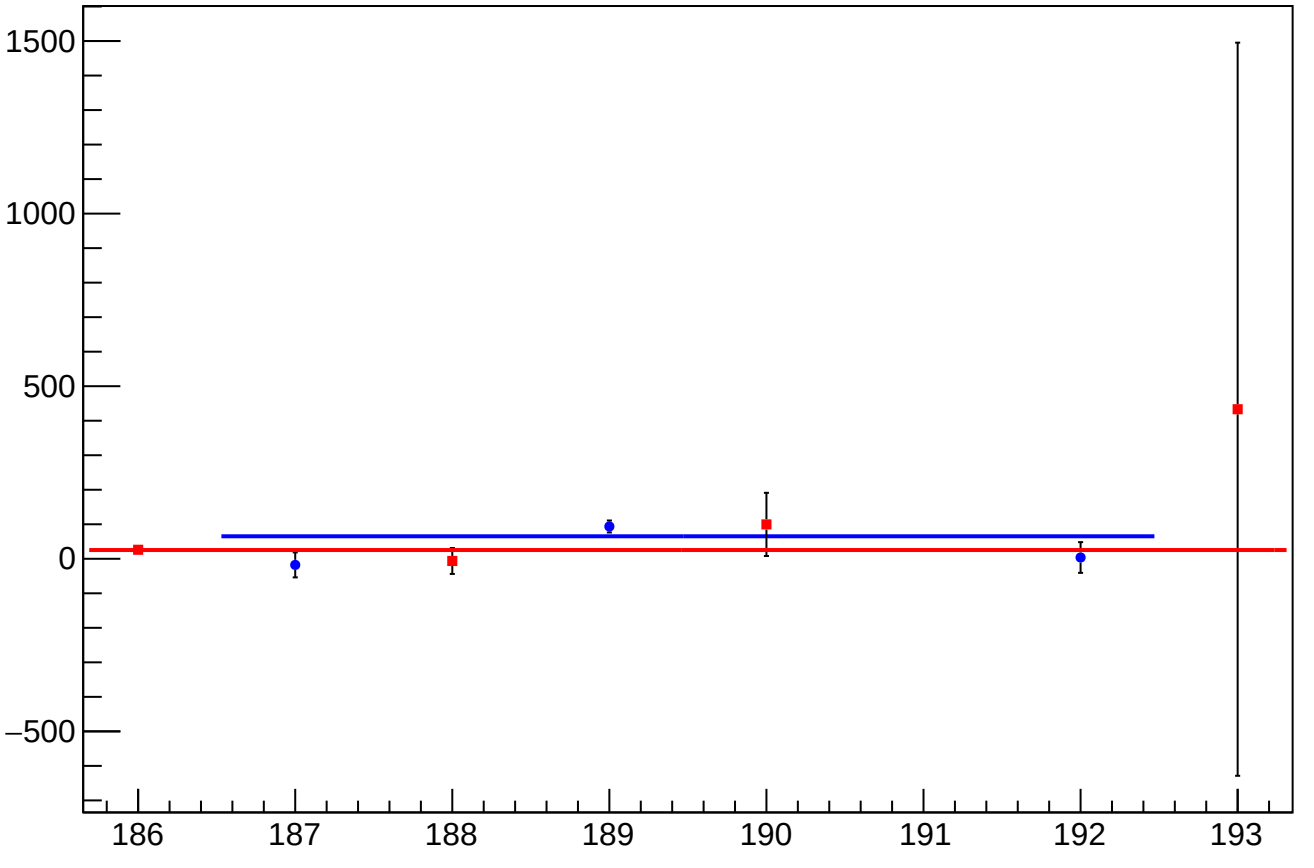
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

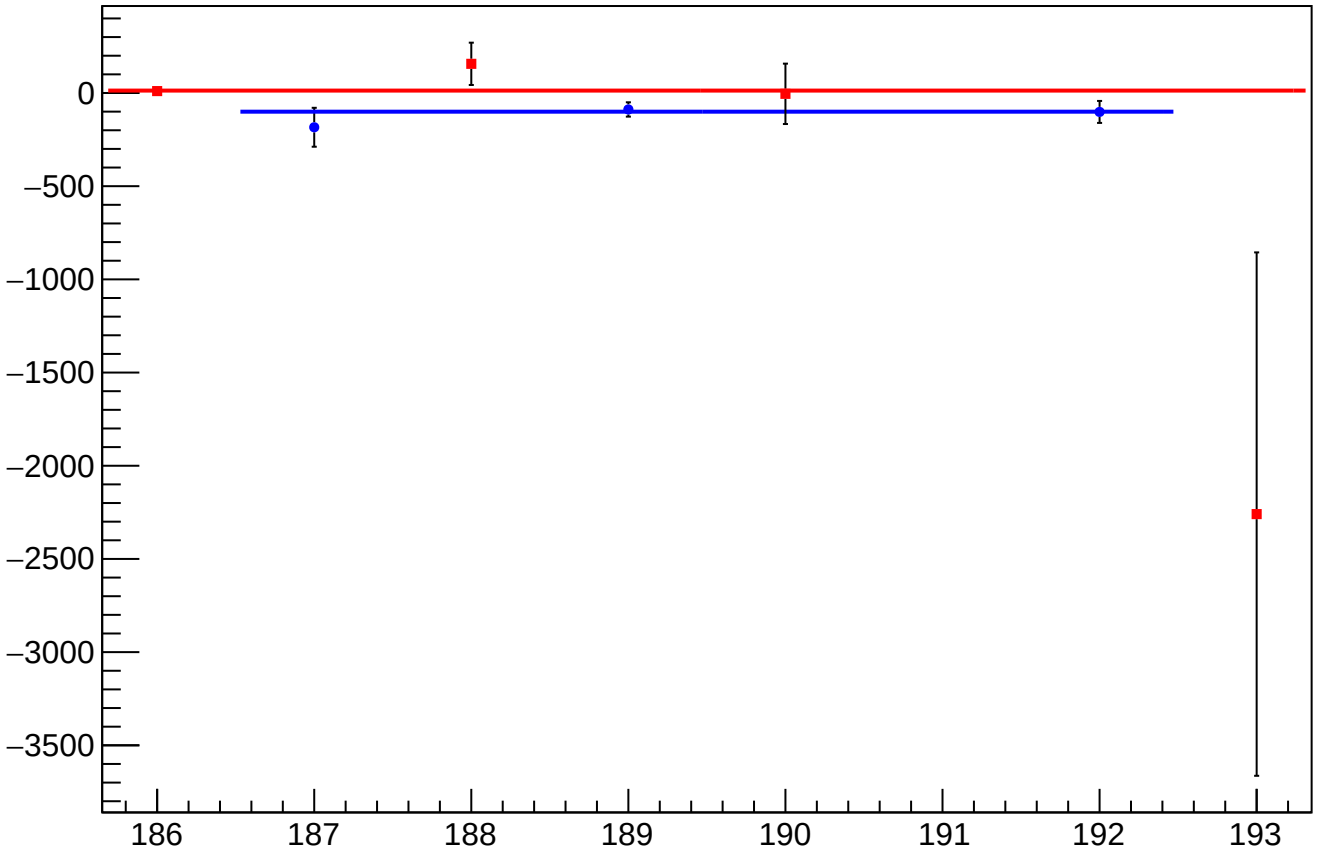
Right: 15.562+/-10.005 χ^2/NDF: 14.9/6

In: 74.895+/-20.549 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.562+/-10.005 χ^2/NDF: 14.9/6


reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
1500
1000
500
0
−500
186
187
188
189
190
191
192
193
Right In: 65.194+/-14.745 χ²/NDF: 9.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 25.370+/-7.408 χ²/NDF: 1.5/3
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 33.396+/-6.620 χ²/NDF: 17.2/6
In: 65.194+/-14.745 χ²/NDF:9.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 33.396+/-6.620 χ²/NDF: 17.2/6



Right In: -100.274+/-30.783 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.925+/-16.807 χ^2/NDF: 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

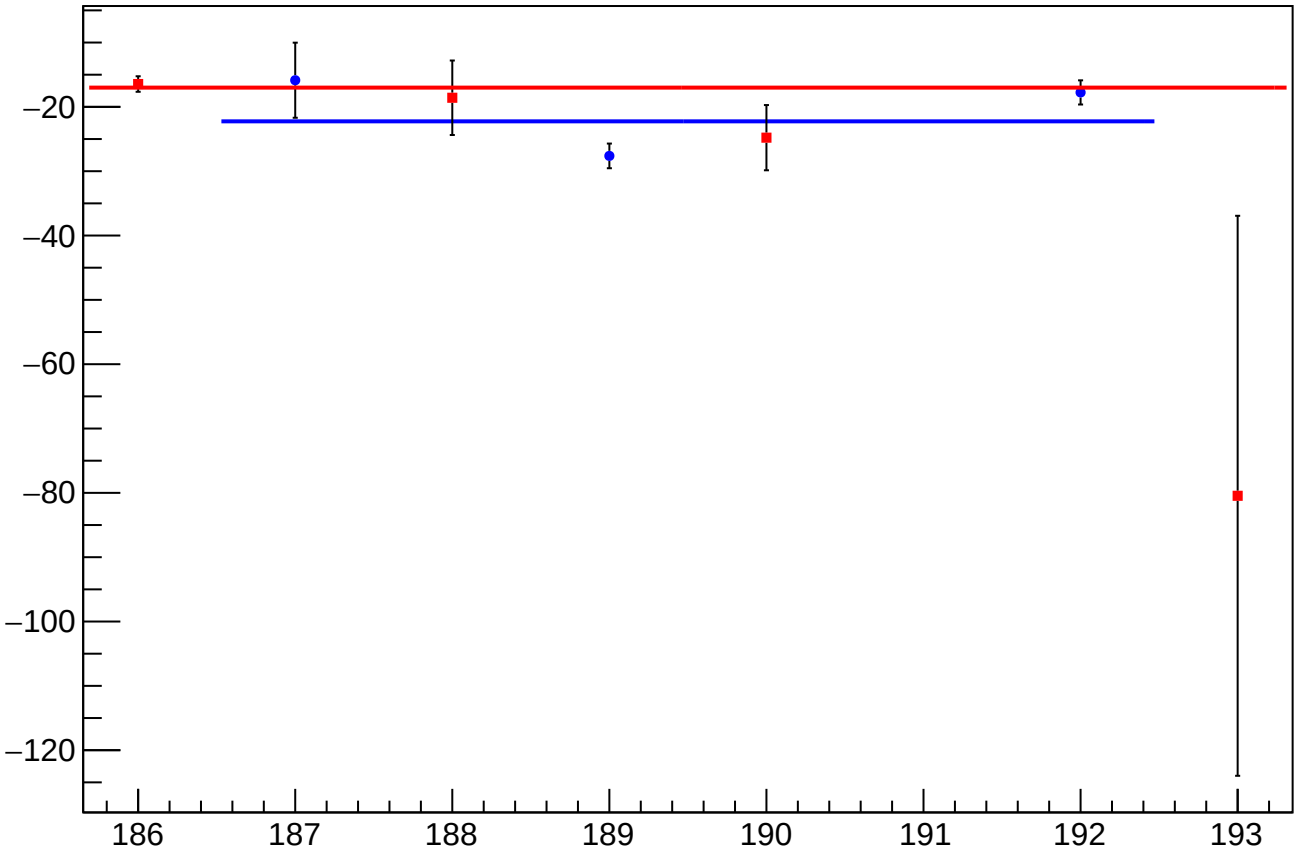
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13.070+/-14.752 χ^2/NDF: 15.4/6

In: -100.274+/-30.783 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.070+/-14.752 χ^2/NDF: 15.4/6



Right In: -22.250+/-1.308 χ^2/NDF: 14.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17.007+/-1.150 χ^2/NDF: 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

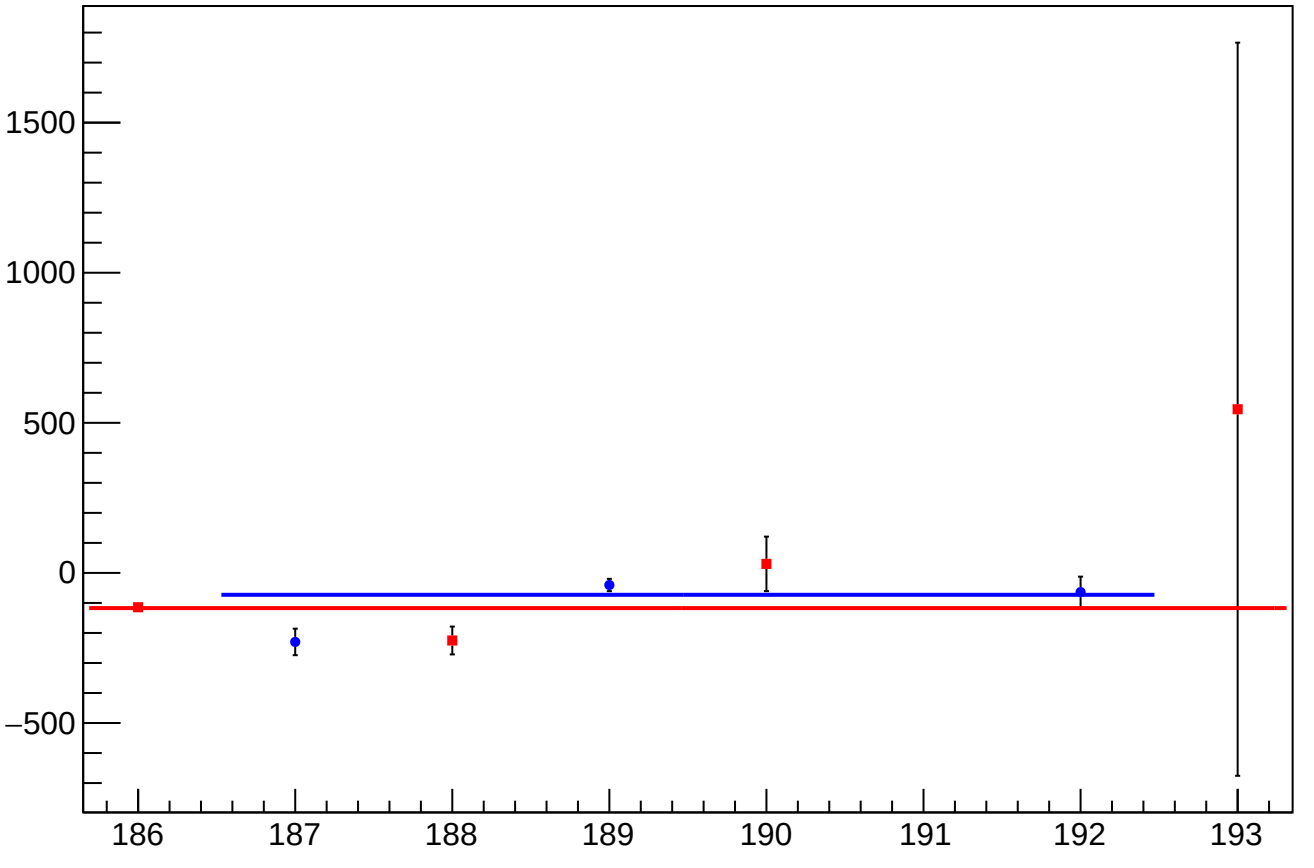
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -19.294+/-0.864 χ^2/NDF: 28.6/6

In: -22.250+/-1.308 χ^2/NDF:14.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.294+/-0.864 χ^2/NDF: 28.6/6



Right In: -72.882+/-17.530 χ^2/NDF: 15.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -117.187+/-9.215 χ^2/NDF: 8.4/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

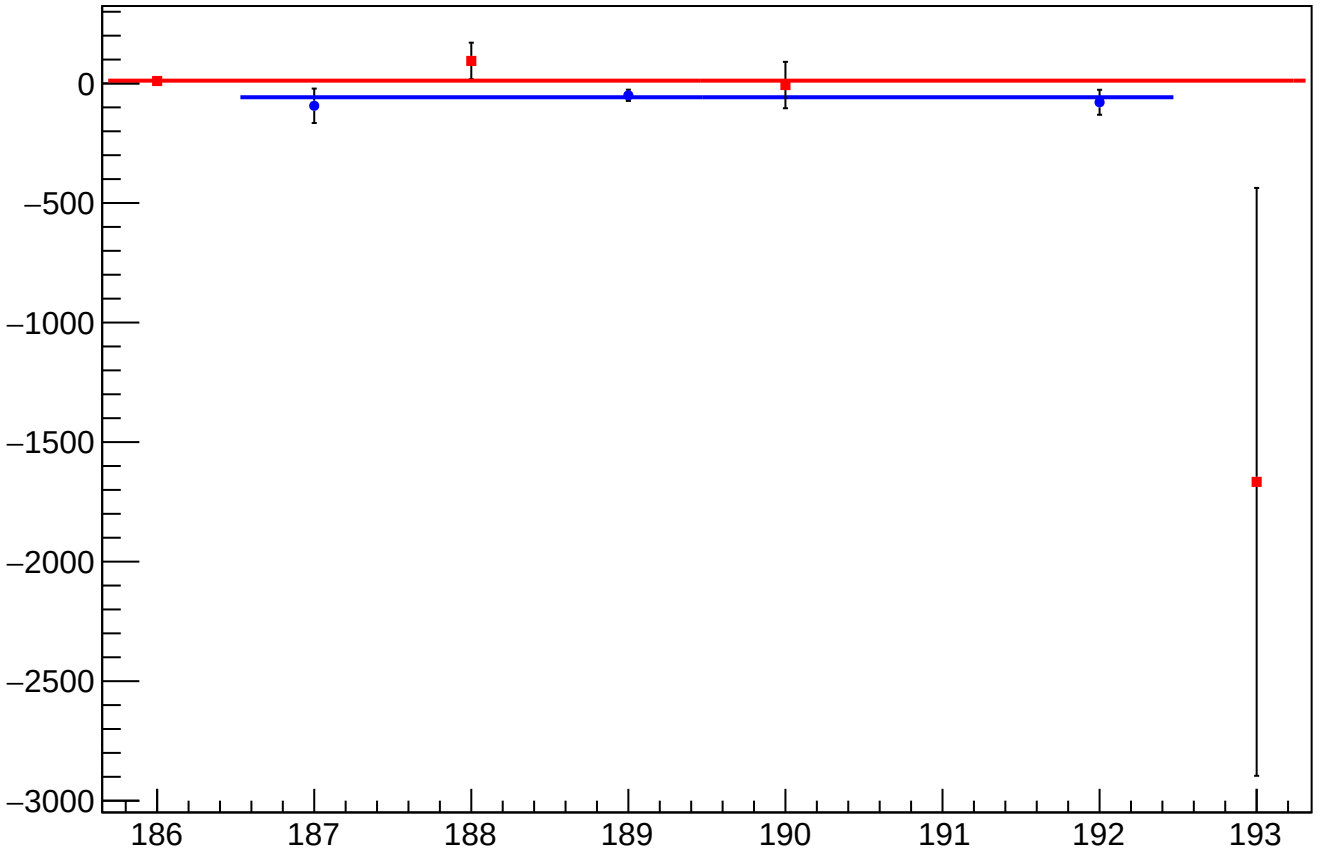
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -107.594+/-8.157 χ^2/NDF: 28.6/6

In: -72.882+/-17.530 χ^2/NDF:15.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -107.594+/-8.157 χ^2/NDF: 28.6/6



Right In: -57.597+/-20.567 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.786+/-11.462 χ^2/NDF: 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

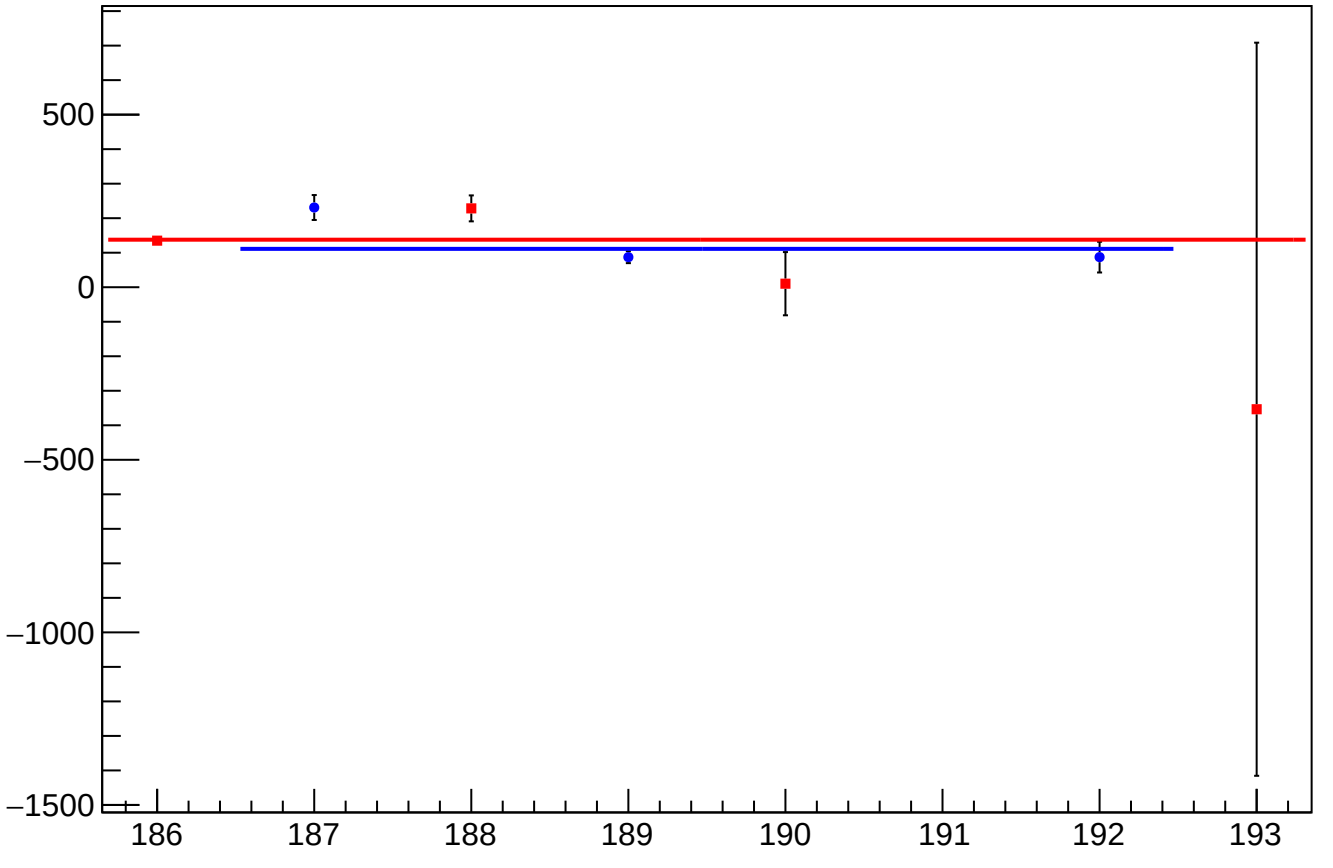
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.658+/-10.013 χ^2/NDF: 12.3/6

In: -57.597+/-20.567 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.658+/-10.013 χ^2/NDF: 12.3/6



Right In: 111.132+/-14.758 χ^2/NDF: 13.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 137.709+/-7.413 χ^2/NDF: 8.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

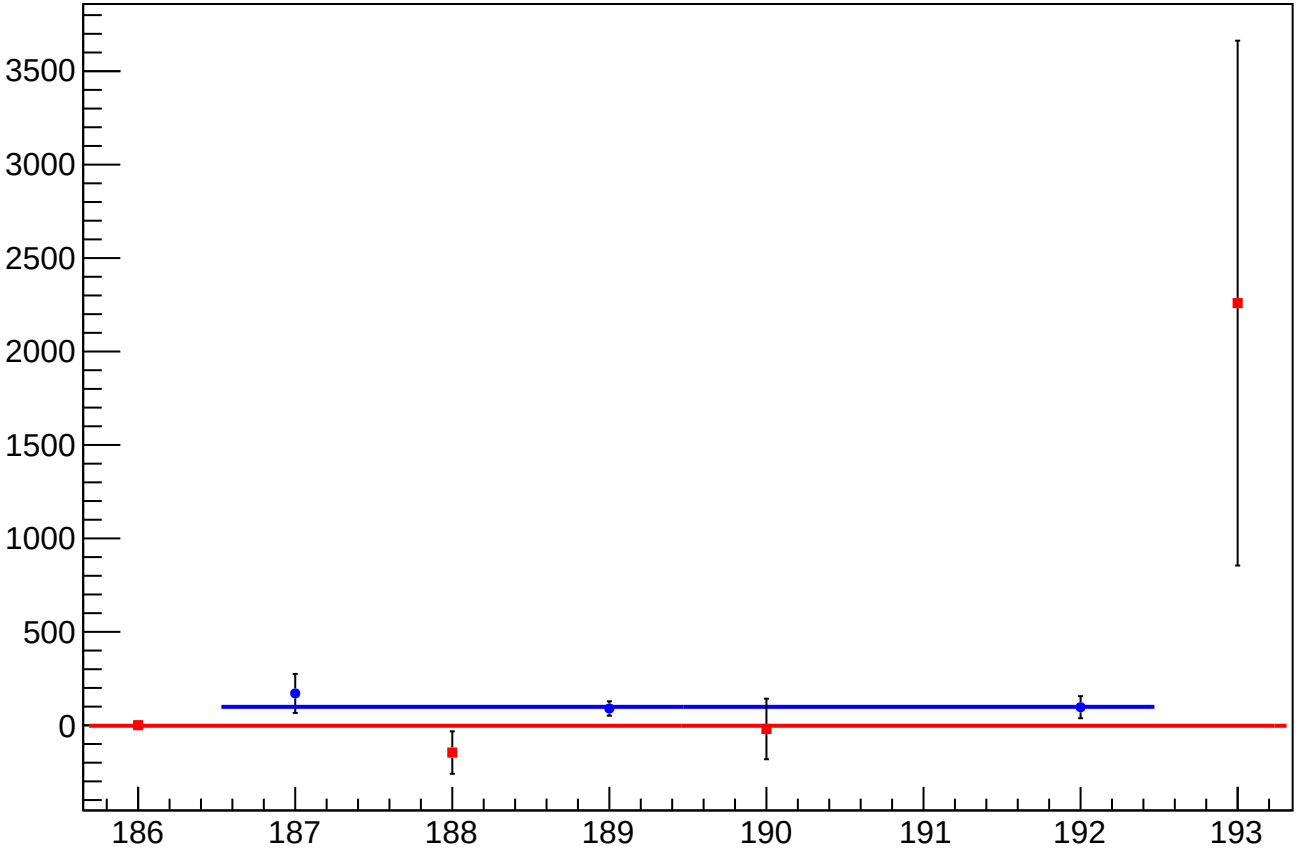
Right: 132.354+/-6.625 χ^2/NDF: 23.9/6

In: 111.132+/-14.758 χ^2/NDF:13.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 132.354+/-6.625 χ^2/NDF: 23.9/6

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.821+/-30.812 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.493+/-16.819 χ^2/NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

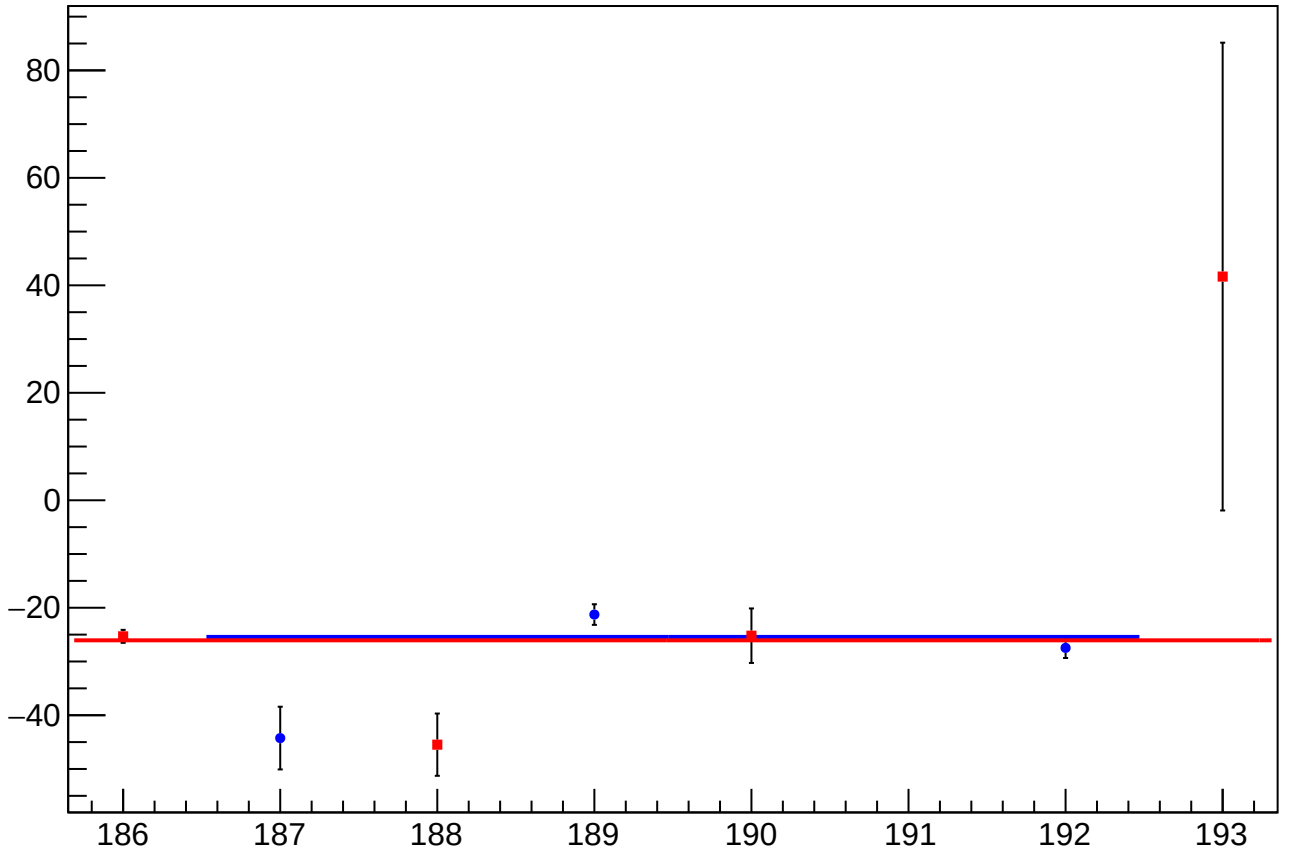
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.765+/-14.763 χ^2/NDF: 13.1/6

In: 98.821+/-30.812 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.765+/-14.763 χ^2/NDF: 13.1/6



Right In: -25.426+/-1.309 χ^2/NDF: 16.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.062+/-1.151 χ^2/NDF: 14.1/3

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

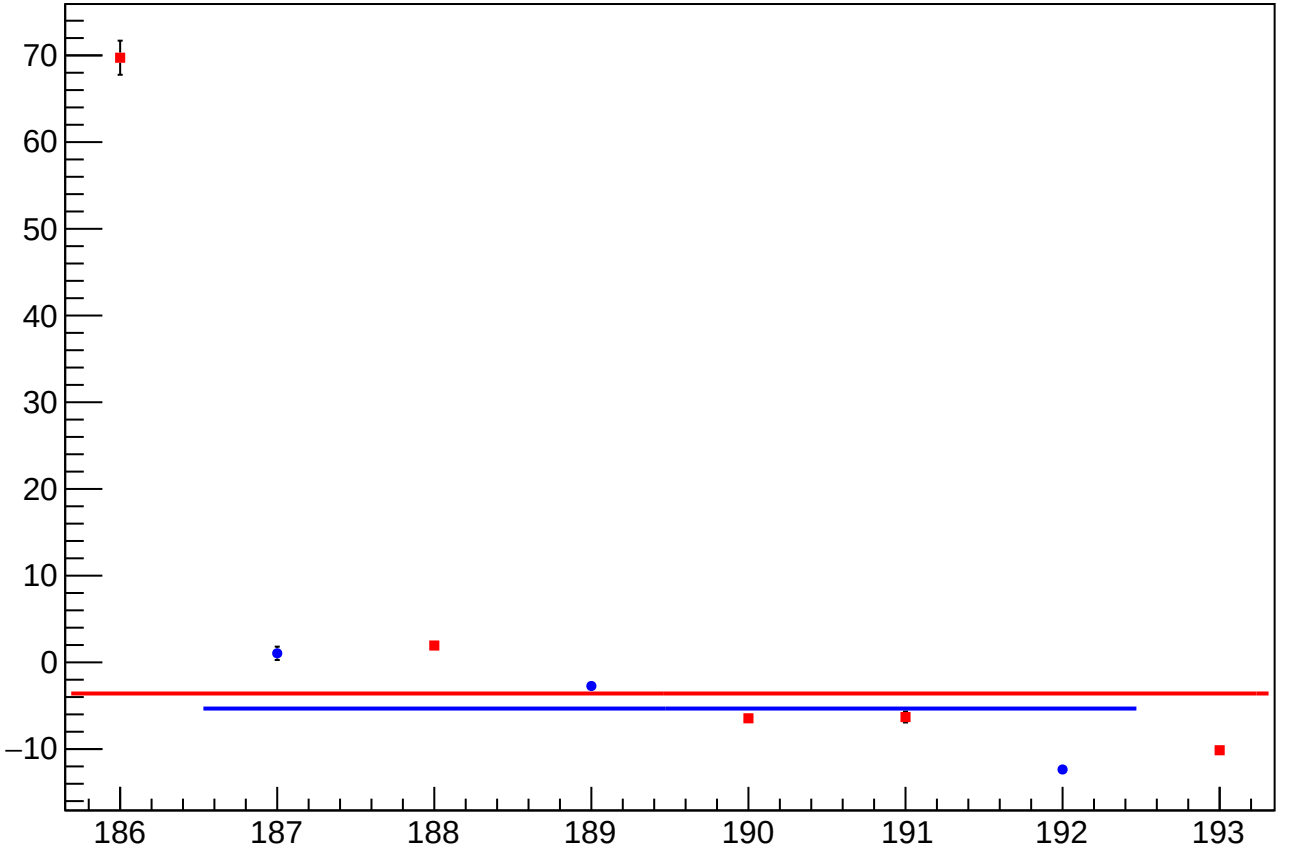
Right: -25.785+/-0.864 χ^2/NDF: 30.5/6

In: -25.426+/-1.309 χ^2/NDF:16.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -25.785+/-0.864 χ^2/NDF: 30.5/6

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.326+/-0.283 χ^2/NDF: 312.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.590+/-0.197 χ^2/NDF: 2016.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

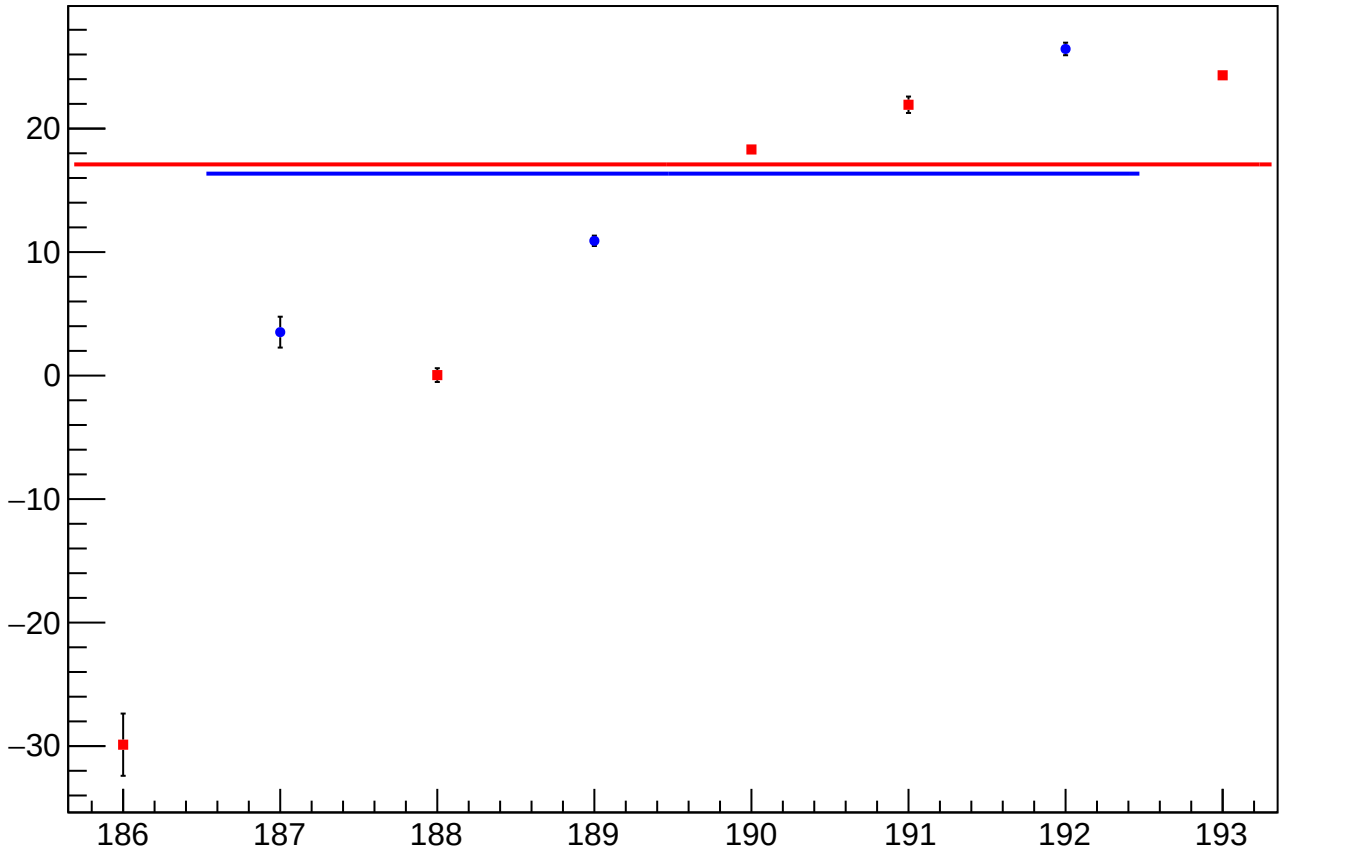
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.156+/-0.162 χ^2/NDF: 2353.9/7

In: -5.326+/-0.283 χ^2/NDF:312.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.156+/-0.162 χ^2/NDF: 2353.9/7



Right In: 16.352+/-0.314 χ^2/NDF: 666.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.100+/-0.235 χ^2/NDF: 1658.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

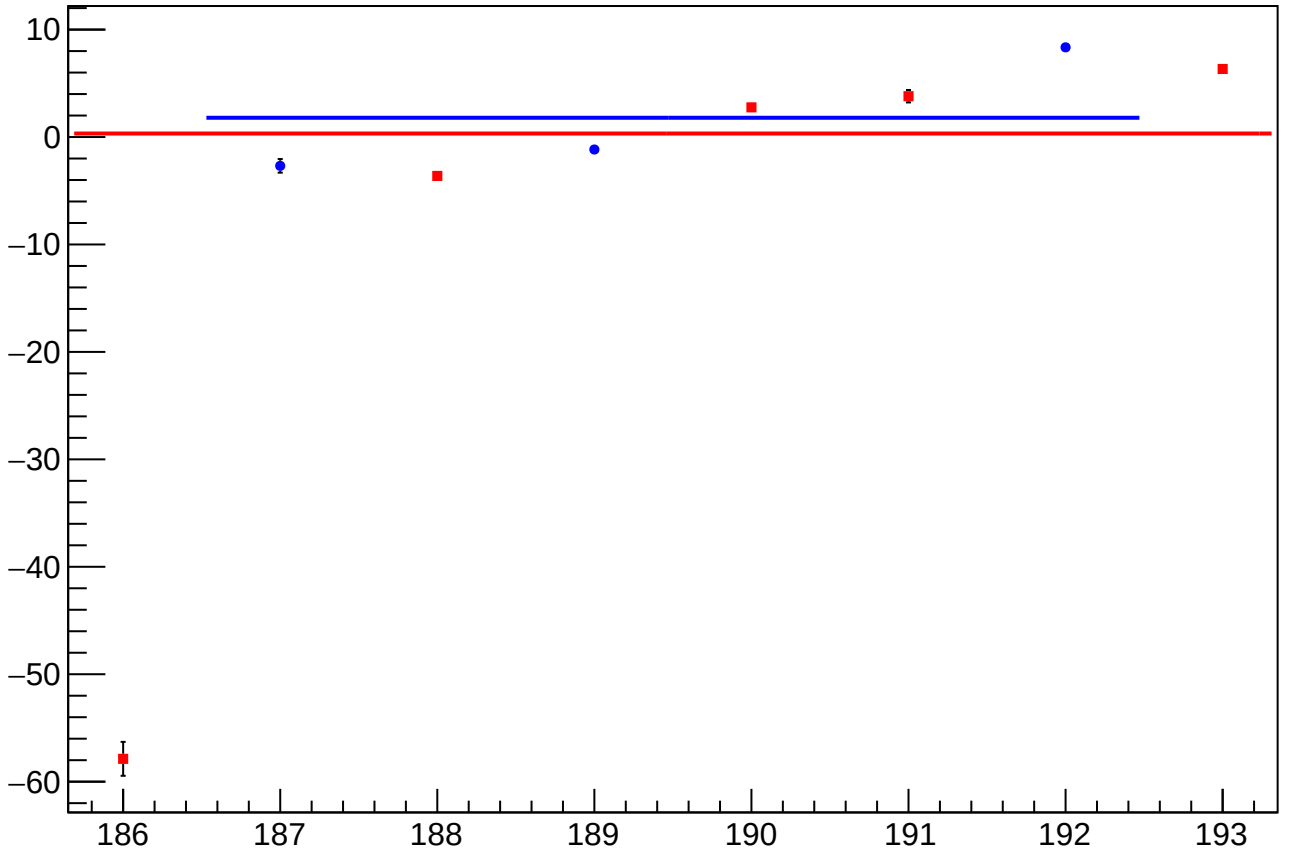
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 16.831+/-0.188 χ^2/NDF: 2328.6/7

In: 16.352+/-0.314 χ^2/NDF:666.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 16.831+/-0.188 χ^2/NDF: 2328.6/7



Right In: 1.794+/-0.252 χ^2/NDF: 347.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.327+/-0.174 χ^2/NDF: 1952.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

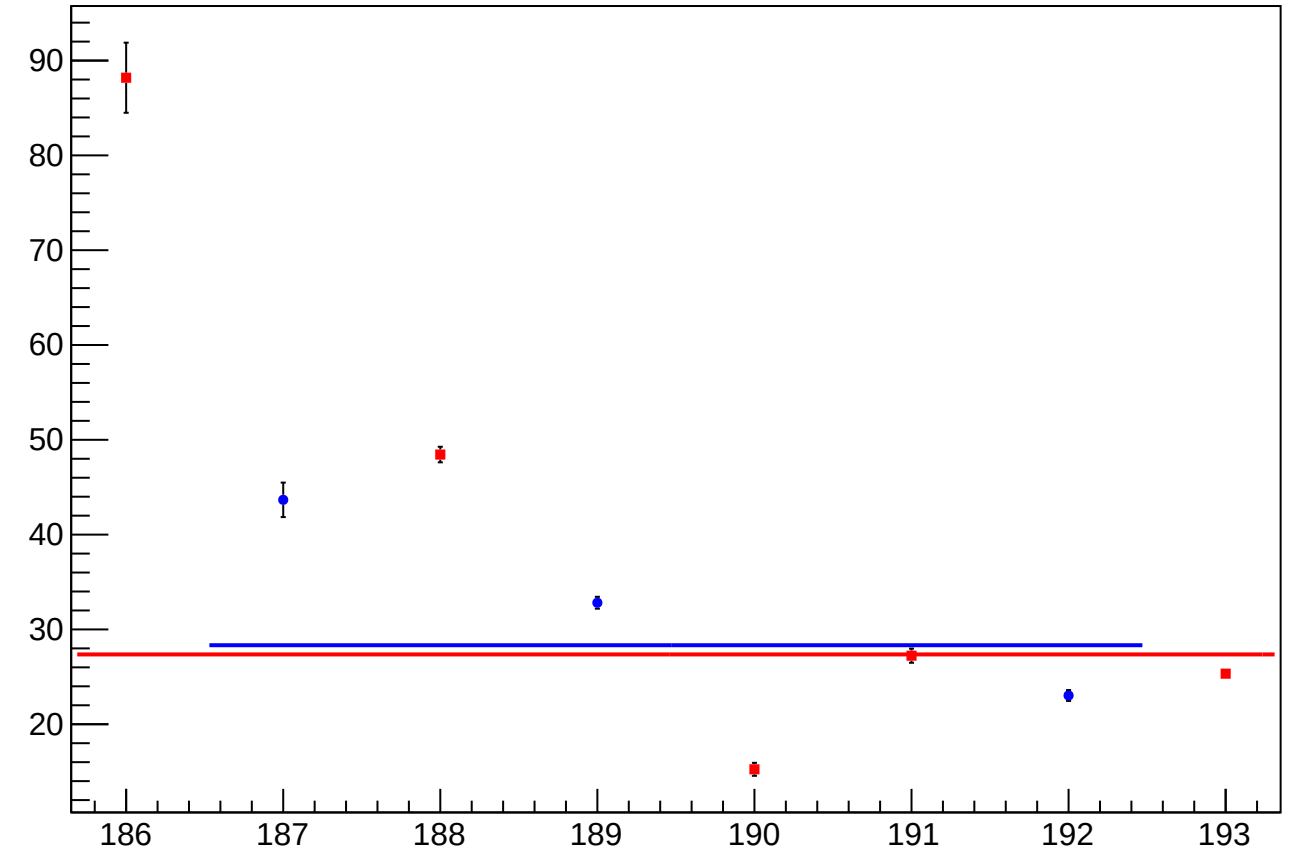
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.802+/-0.143 χ^2/NDF: 2323.1/7

In: 1.794+/-0.252 χ^2/NDF:347.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.802+/-0.143 χ^2/NDF: 2323.1/7



Right In: 28.335+/-0.412 χ^2/NDF: 207.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 27.363+/-0.314 χ^2/NDF: 1260.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

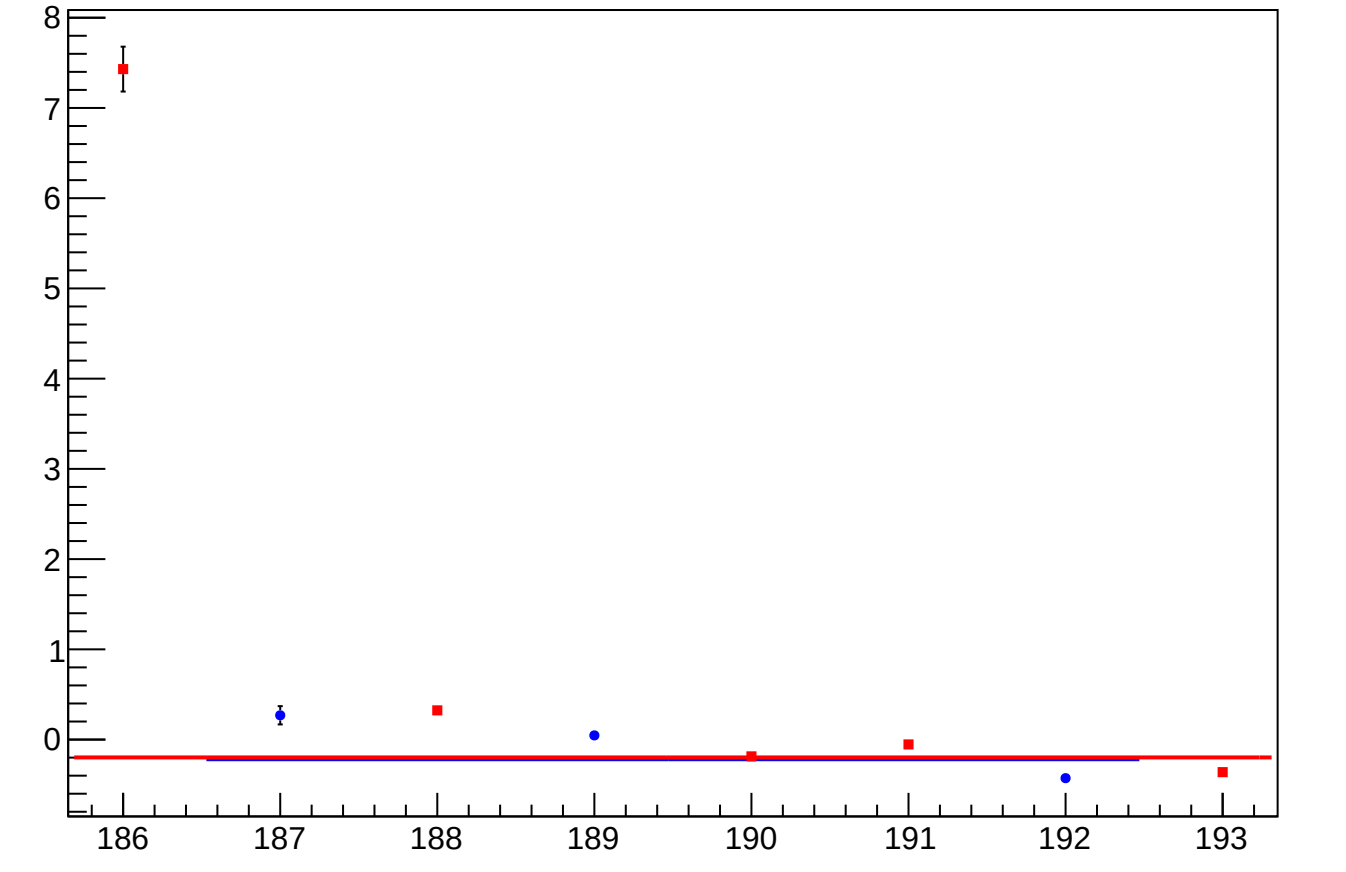
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 27.720+/-0.250 χ^2/NDF: 1471.7/7

In: 28.335+/-0.412 χ^2/NDF:207.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.720+/-0.250 χ^2/NDF: 1471.7/7



Right In: -0.218+/-0.014 χ^2/NDF: 314.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.198+/-0.010 χ^2/NDF: 1283.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

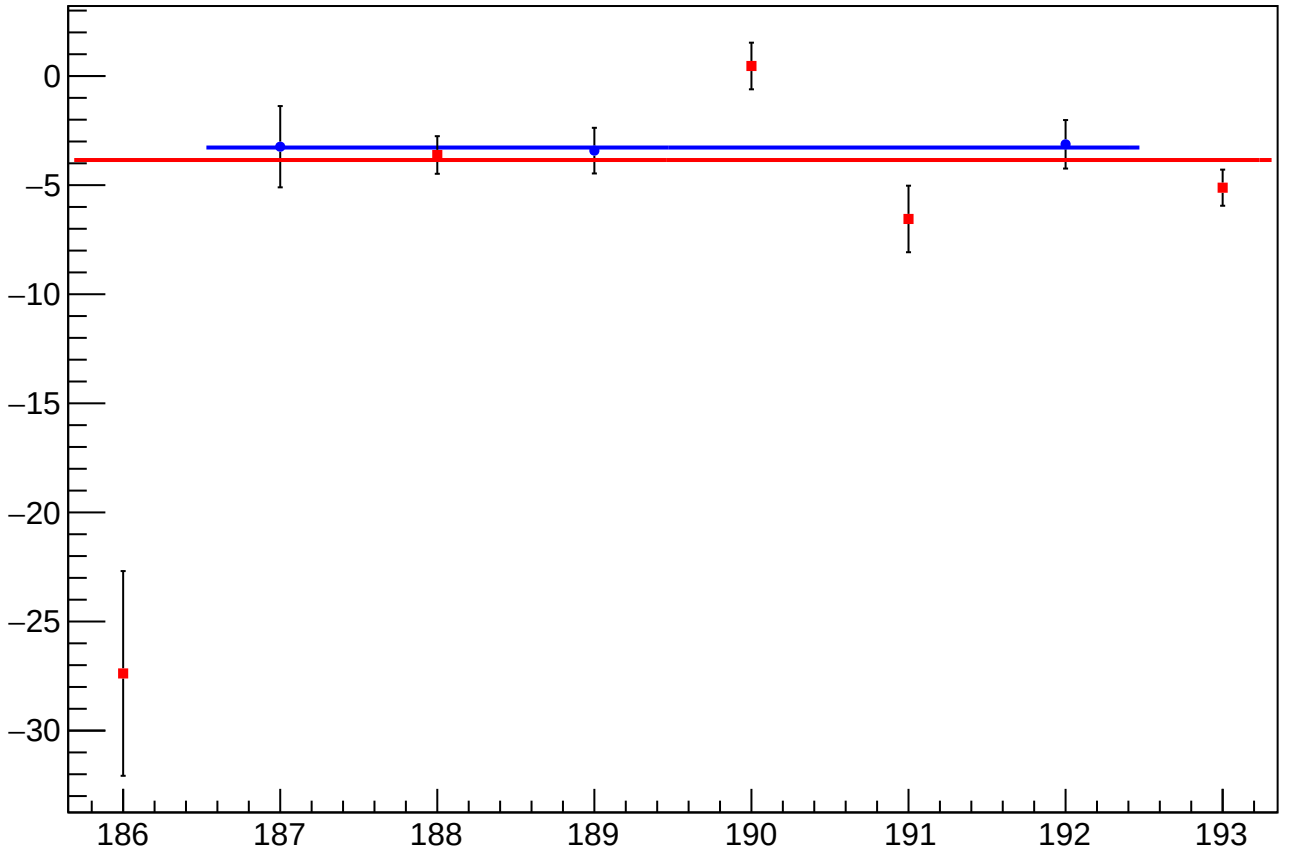
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

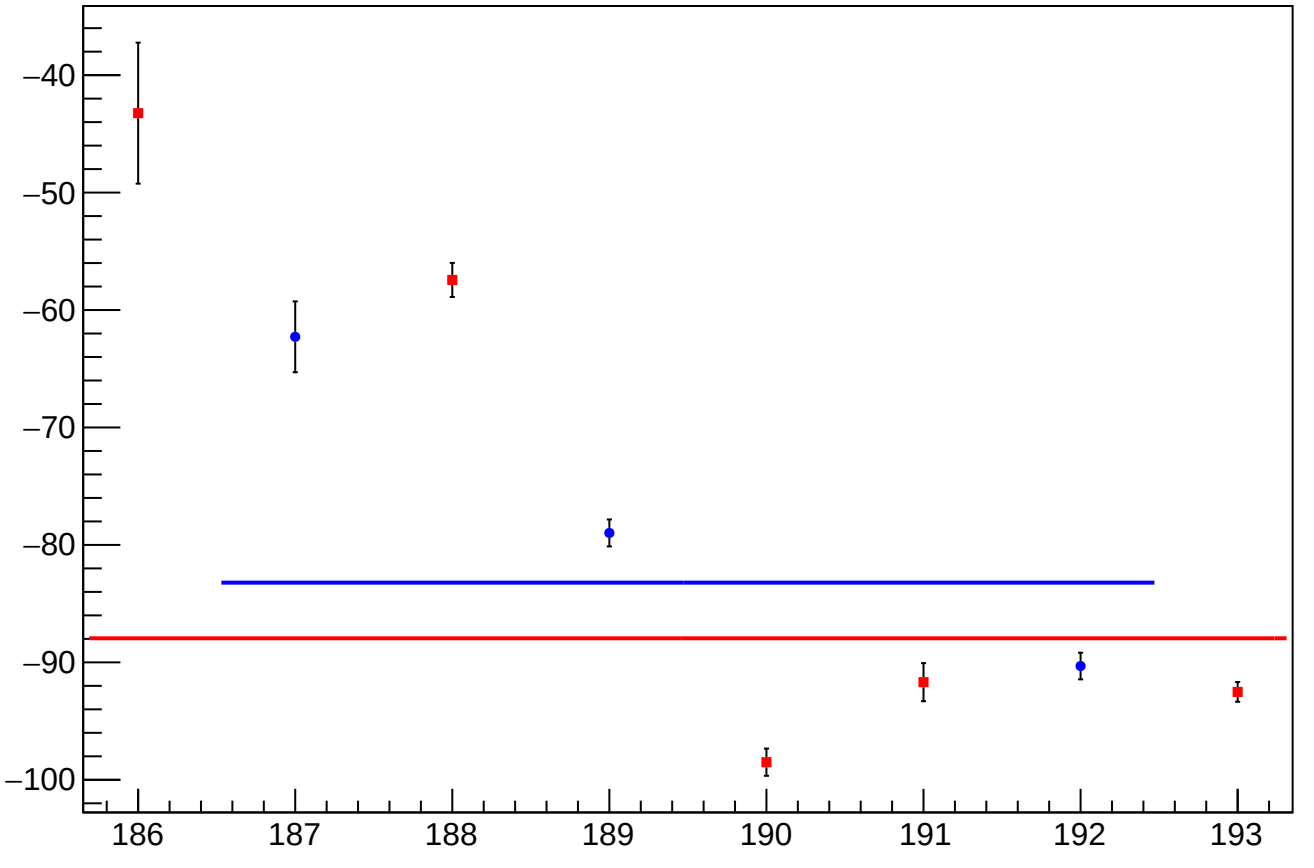
Right: -0.205+/-0.008 χ^2/NDF: 1598.6/7

In: -0.218+/-0.014 χ^2/NDF:314.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.205+/-0.008 χ^2/NDF: 1598.6/7


reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected
0
−5
−10
−15
−20
−25
−30
186
187
188
189
190
191
192
193
Right In: -3.276+/-0.705 χ²/NDF: 0.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -3.849+/-0.491 χ²/NDF: 47.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -3.662+/-0.403 χ²/NDF: 47.4/7
In: -3.276+/-0.705 χ²/NDF:0.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -3.662+/-0.403 χ²/NDF: 47.4/7


reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−40
−50
−60
−70
−80
−90
−100
186
187
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189
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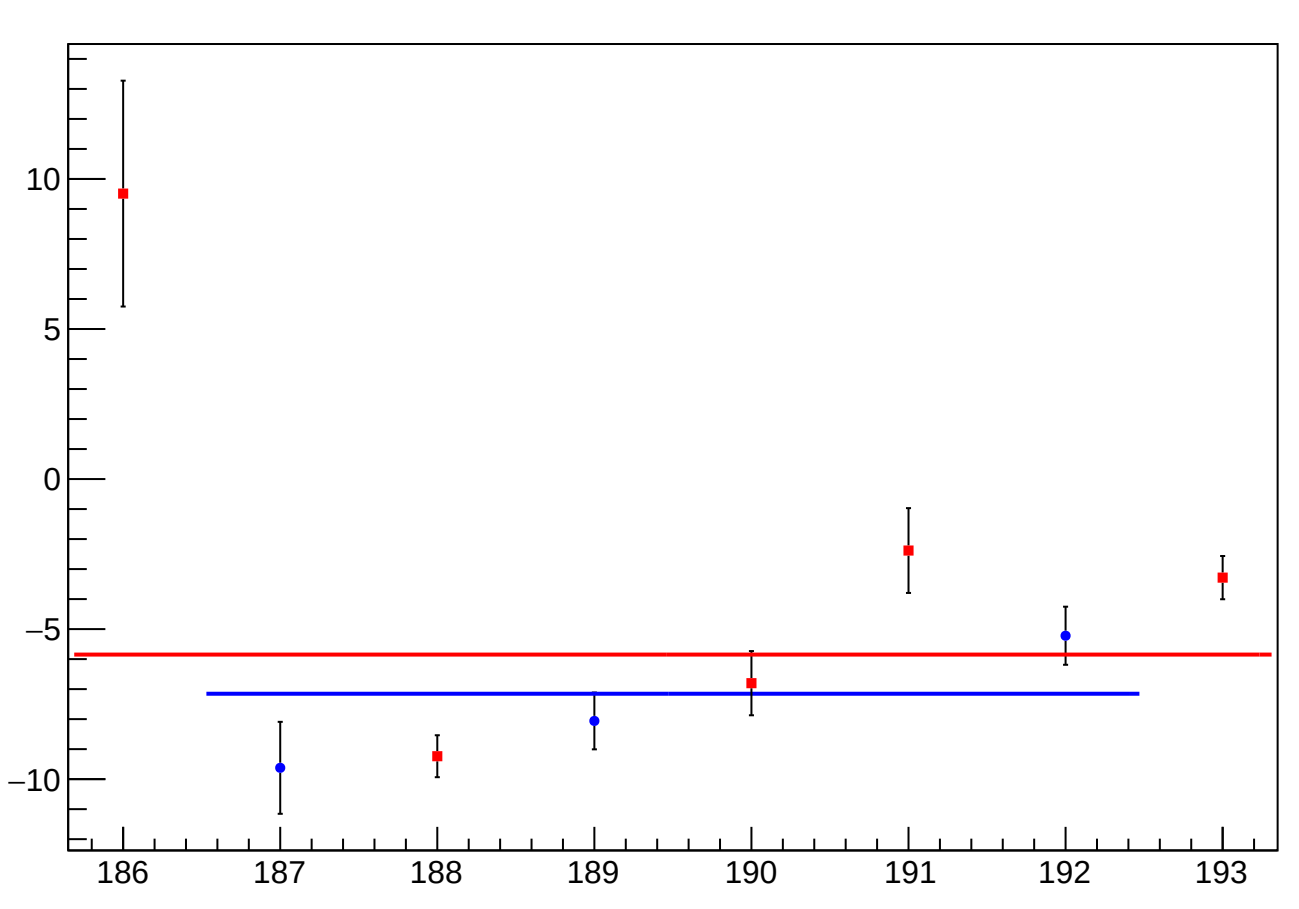
192
193
Right In: -83.211+/-0.780 χ²/NDF: 100.8/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -87.951+/-0.573 χ²/NDF: 615.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -86.287+/-0.462 χ²/NDF: 739.9/7
In: -83.211+/-0.780 χ²/NDF:100.8/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -86.287+/-0.462 χ²/NDF: 739.9/7



Right In: -7.154+/-0.619 χ^2/NDF: 7.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.849+/-0.430 χ^2/NDF: 59.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

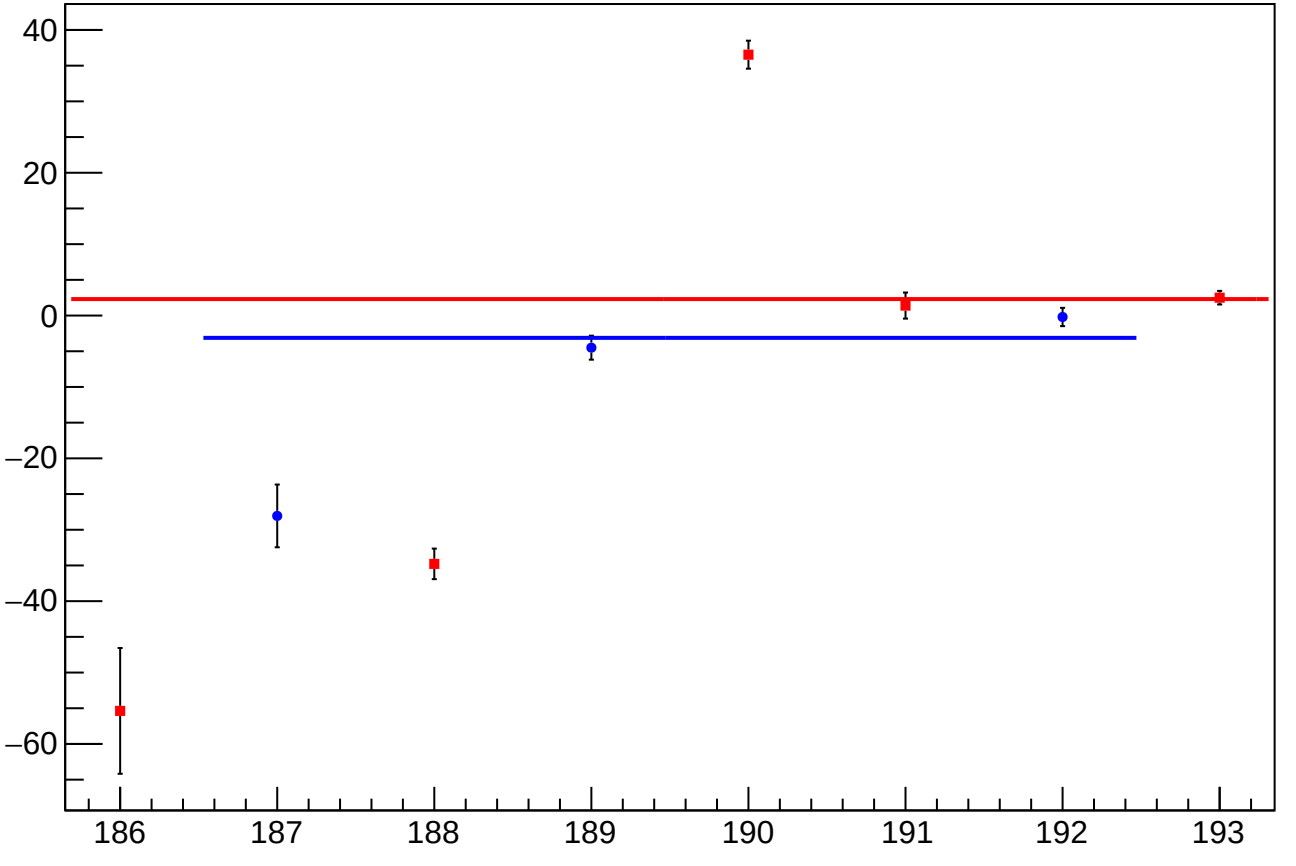
Right: -6.273+/-0.353 χ^2/NDF: 70.1/7

In: -7.154+/-0.619 χ^2/NDF:7.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.273+/-0.353 χ^2/NDF: 70.1/7

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.123+/-0.993 χ^2/NDF: 38.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.309+/-0.727 χ^2/NDF: 648.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

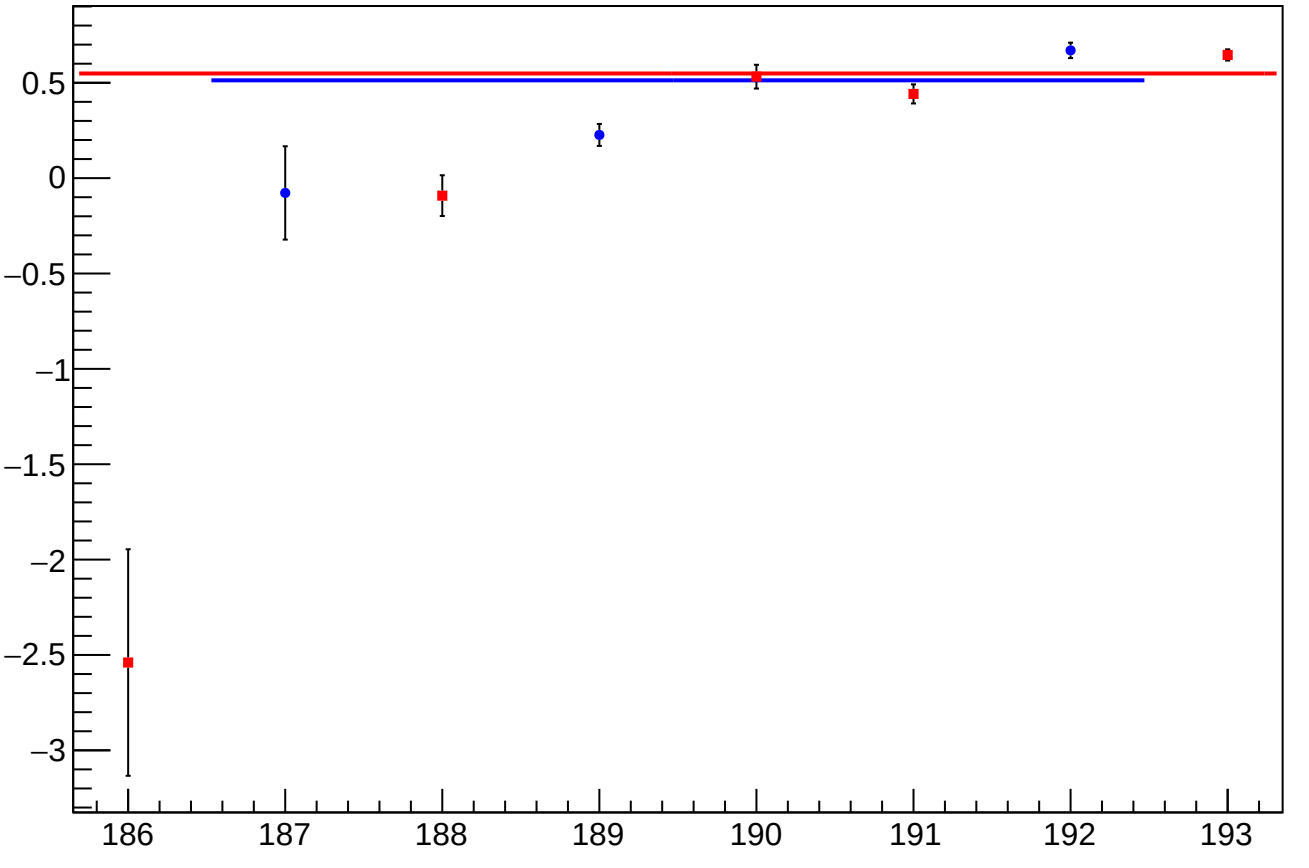
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.414+/-0.586 χ^2/NDF: 705.6/7

In: -3.123+/-0.993 χ^2/NDF:38.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.414+/-0.586 χ^2/NDF: 705.6/7



Right In: 0.513+/-0.033 χ^2/NDF: 45.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.549+/-0.023 χ^2/NDF: 78.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

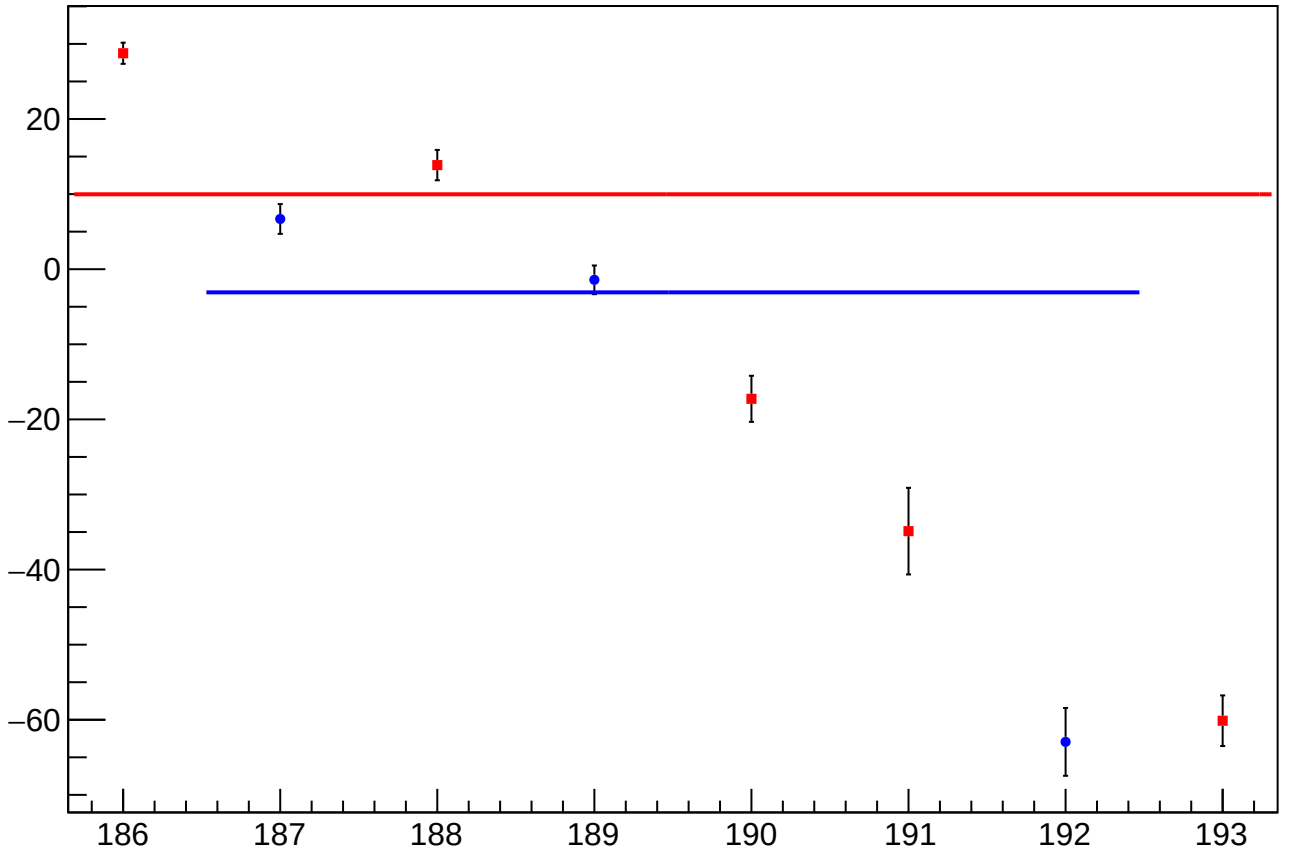
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.537+/-0.019 χ^2/NDF: 125.0/7

In: 0.513+/-0.033 χ^2/NDF:45.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.537+/-0.019 χ^2/NDF: 125.0/7



Right In: -3.084+/-1.318 χ^2/NDF: 200.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.975+/-1.014 χ^2/NDF: 752.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

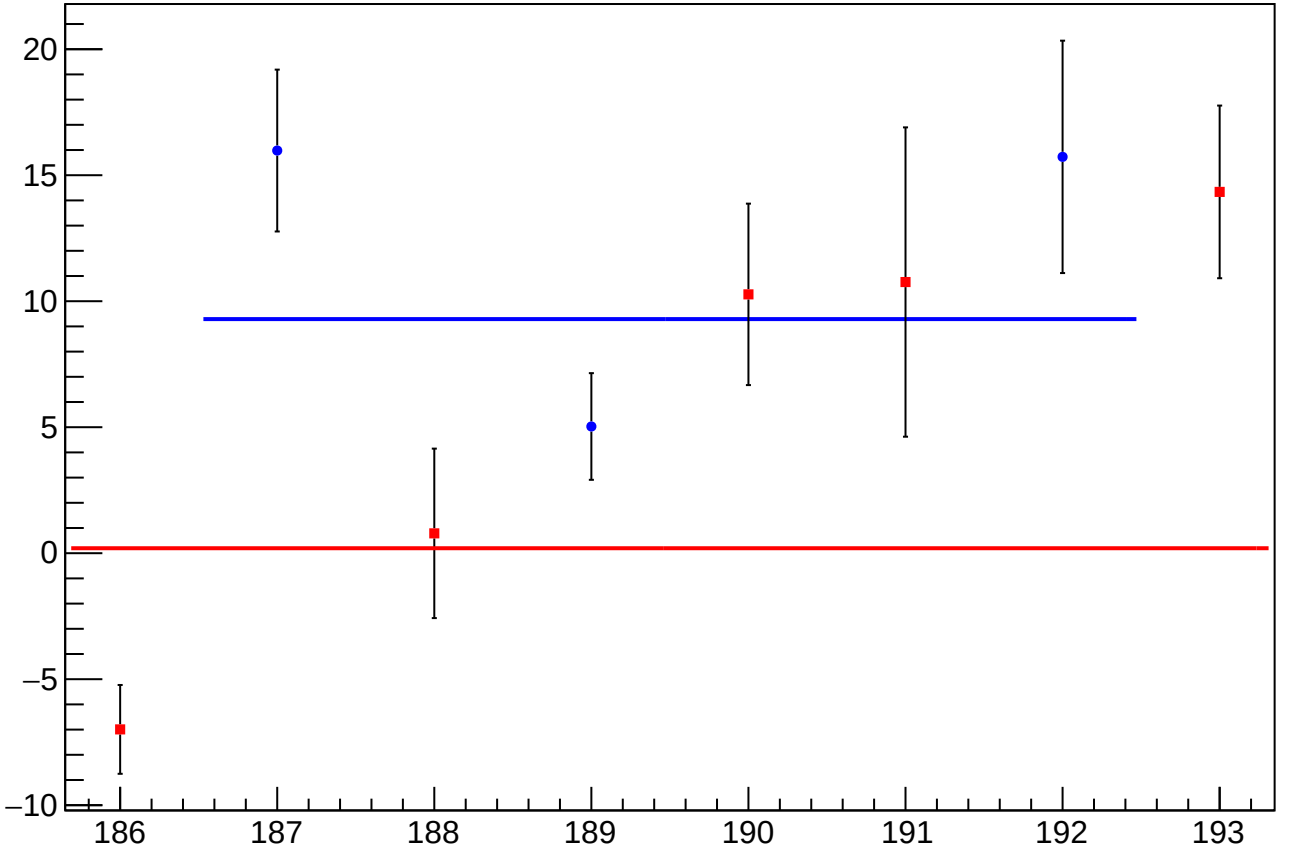
Right: 5.116+/-0.804 χ^2/NDF: 1014.9/7

In: -3.084+/-1.318 χ^2/NDF:200.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.116+/-0.804 χ^2/NDF: 1014.9/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.290+/-1.650 χ^2/NDF: 10.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.197+/-1.292 χ^2/NDF: 44.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

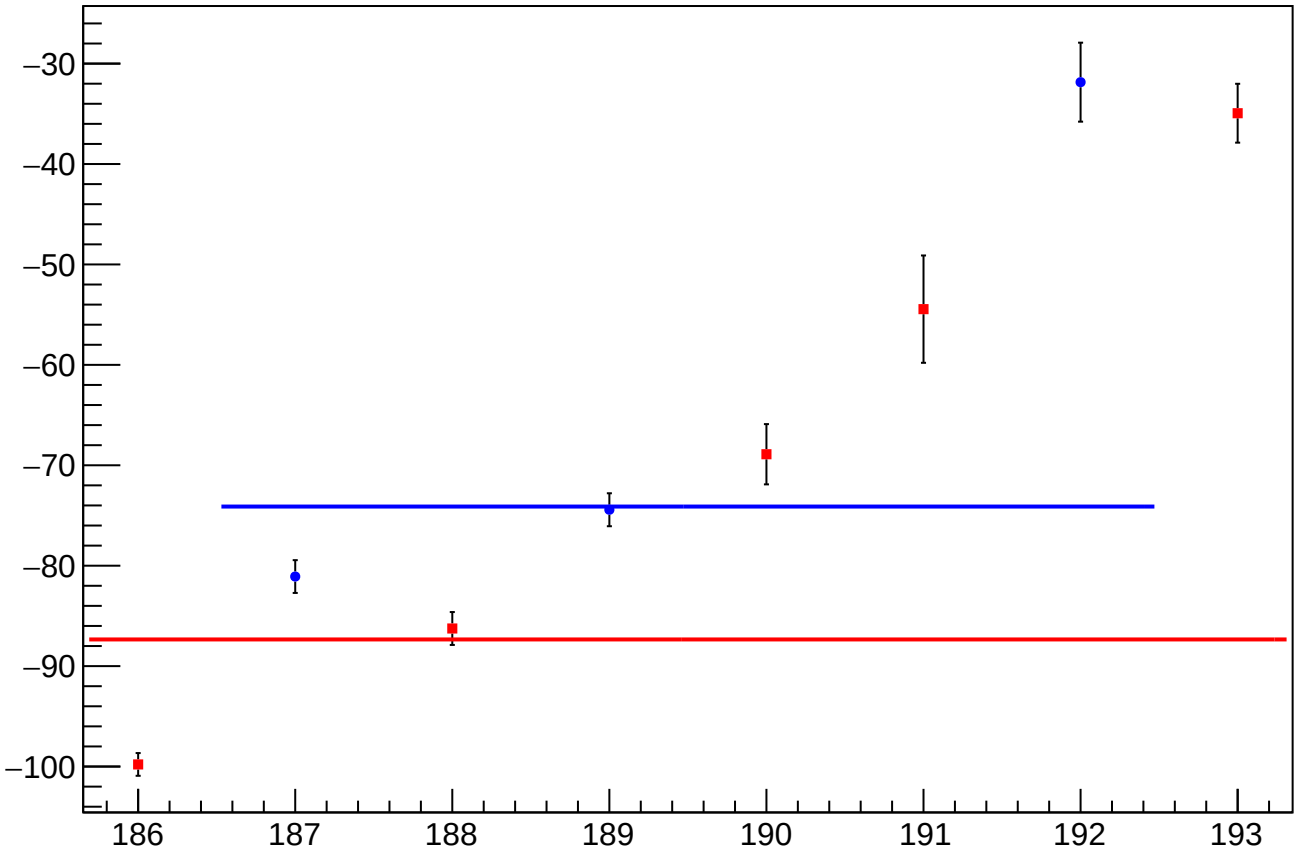
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

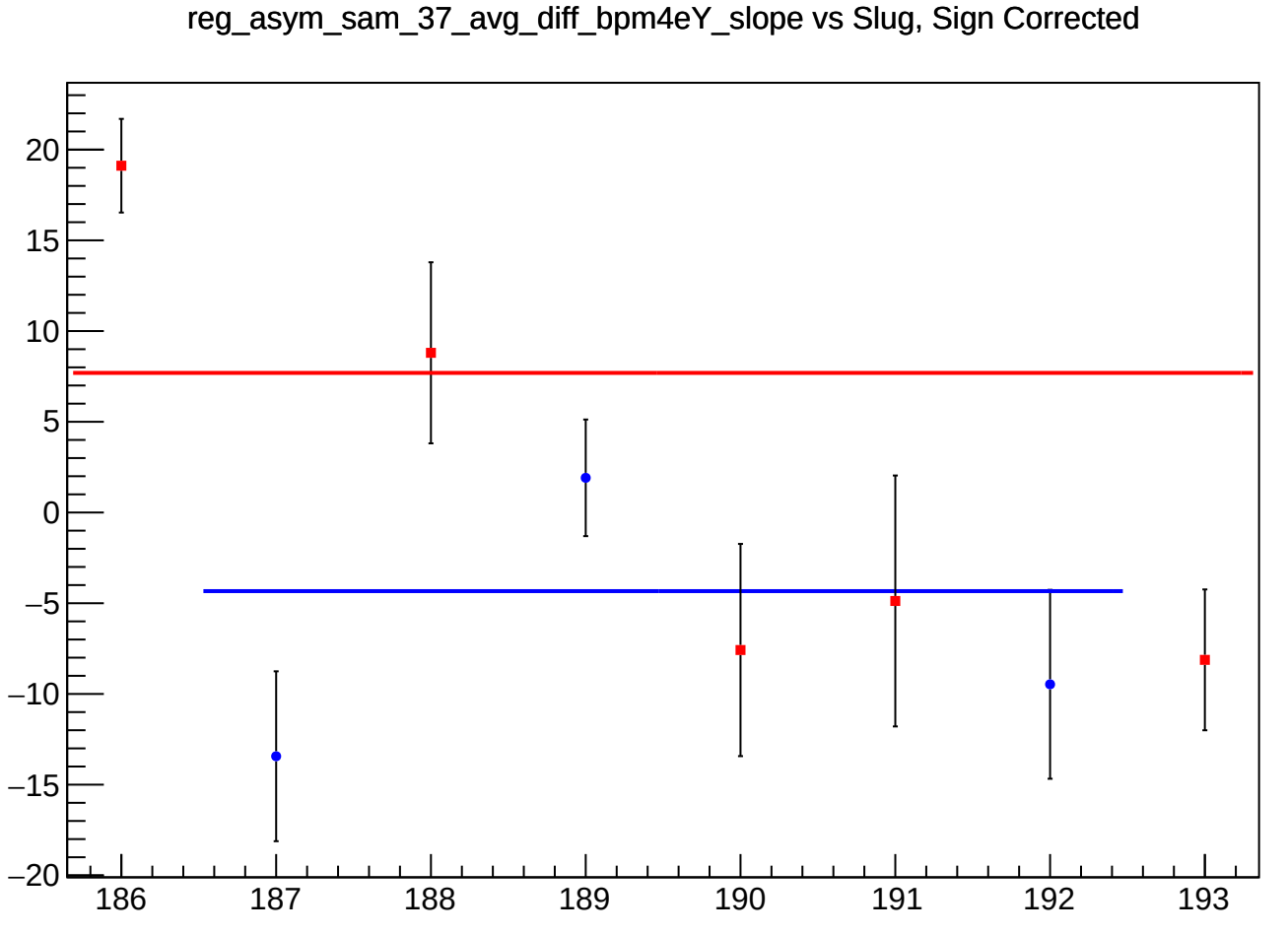
Right: 3.652+/-1.017 χ^2/NDF: 73.7/7

In: 9.290+/-1.650 χ^2/NDF:10.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.652+/-1.017 χ^2/NDF: 73.7/7


reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−30
−40
−50
−60
−70
−80
−90
−100
186
187
188
189
190
191
192
193
Right In: -74.110+/-1.110 χ²/NDF: 133.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -87.344+/-0.841 χ²/NDF: 516.5/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -82.522+/-0.670 χ²/NDF: 740.5/7
In: -74.110+/-1.110 χ²/NDF:133.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -82.522+/-0.670 χ²/NDF: 740.5/7



Right In: -4.333+/-2.361 χ^2/NDF: 8.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.694+/-1.805 χ^2/NDF: 46.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

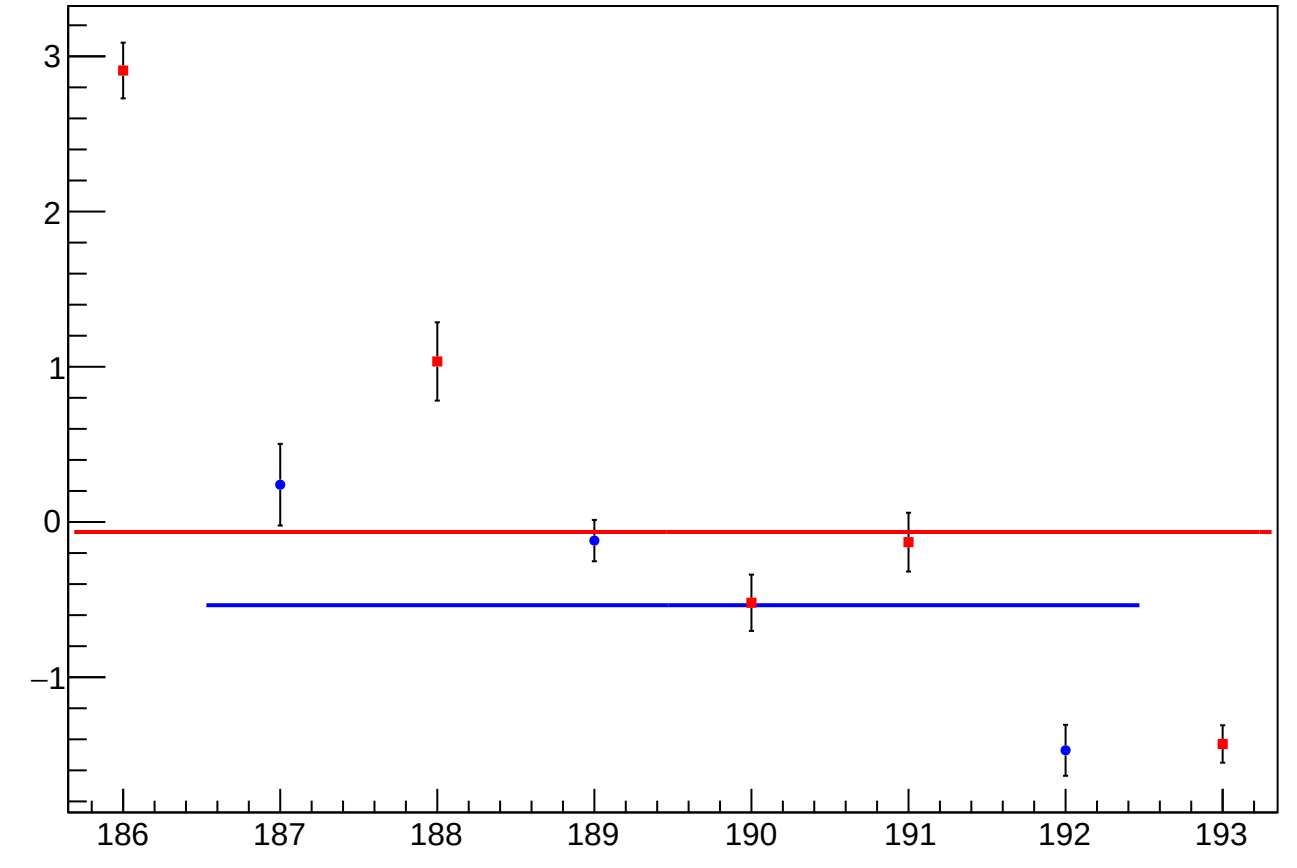
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.258+/-1.434 χ^2/NDF: 71.3/7

In: -4.333+/-2.361 χ^2/NDF:8.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.258+/-1.434 χ^2/NDF: 71.3/7



Right In: -0.536+/-0.096 χ^2/NDF: 50.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.064+/-0.076 χ^2/NDF: 428.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

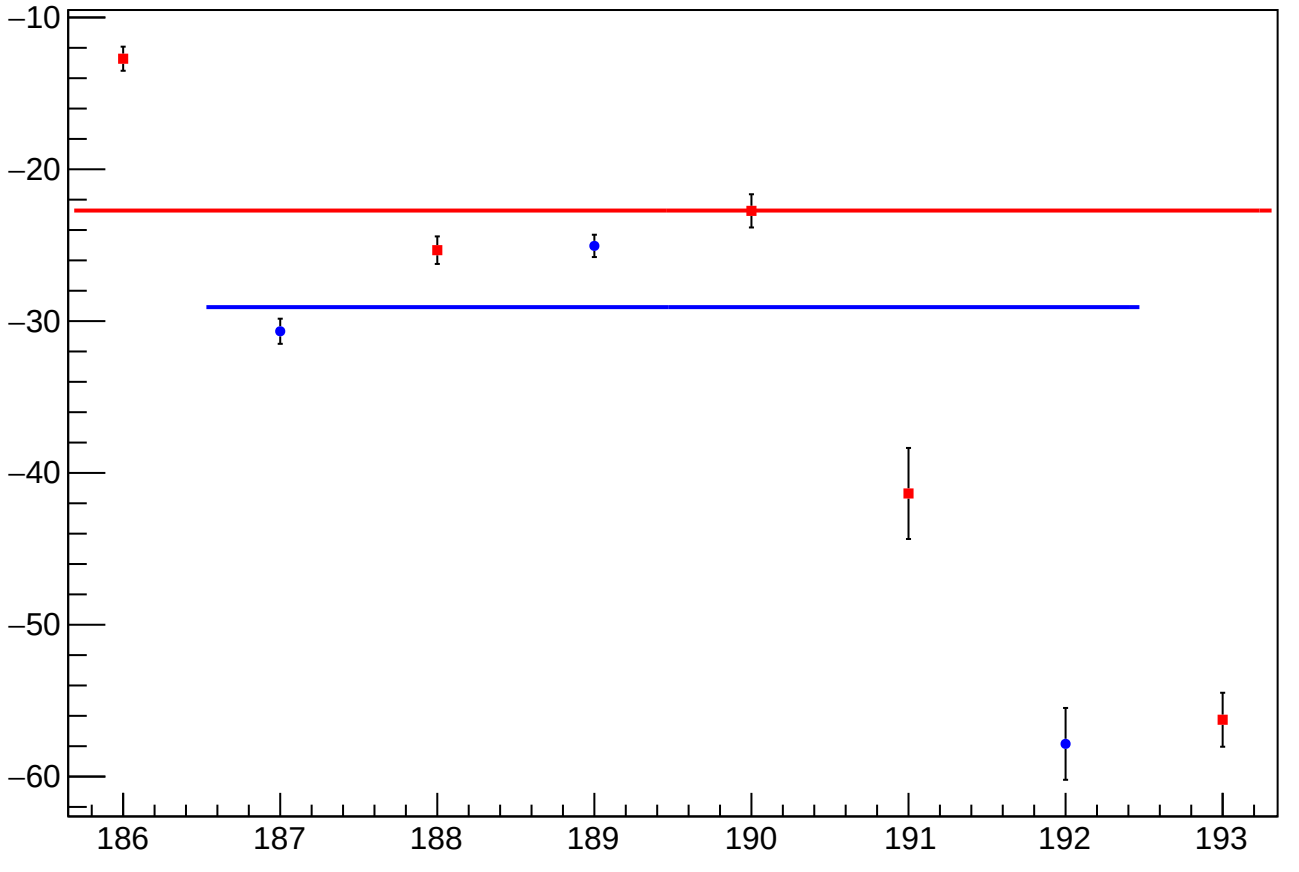
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.245+/-0.060 χ^2/NDF: 494.2/7

In: -0.536+/-0.096 χ^2/NDF:50.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.245+/-0.060 χ^2/NDF: 494.2/7



Right In: -29.079+/-0.535 χ^2/NDF: 181.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -22.717+/-0.496 χ^2/NDF: 561.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

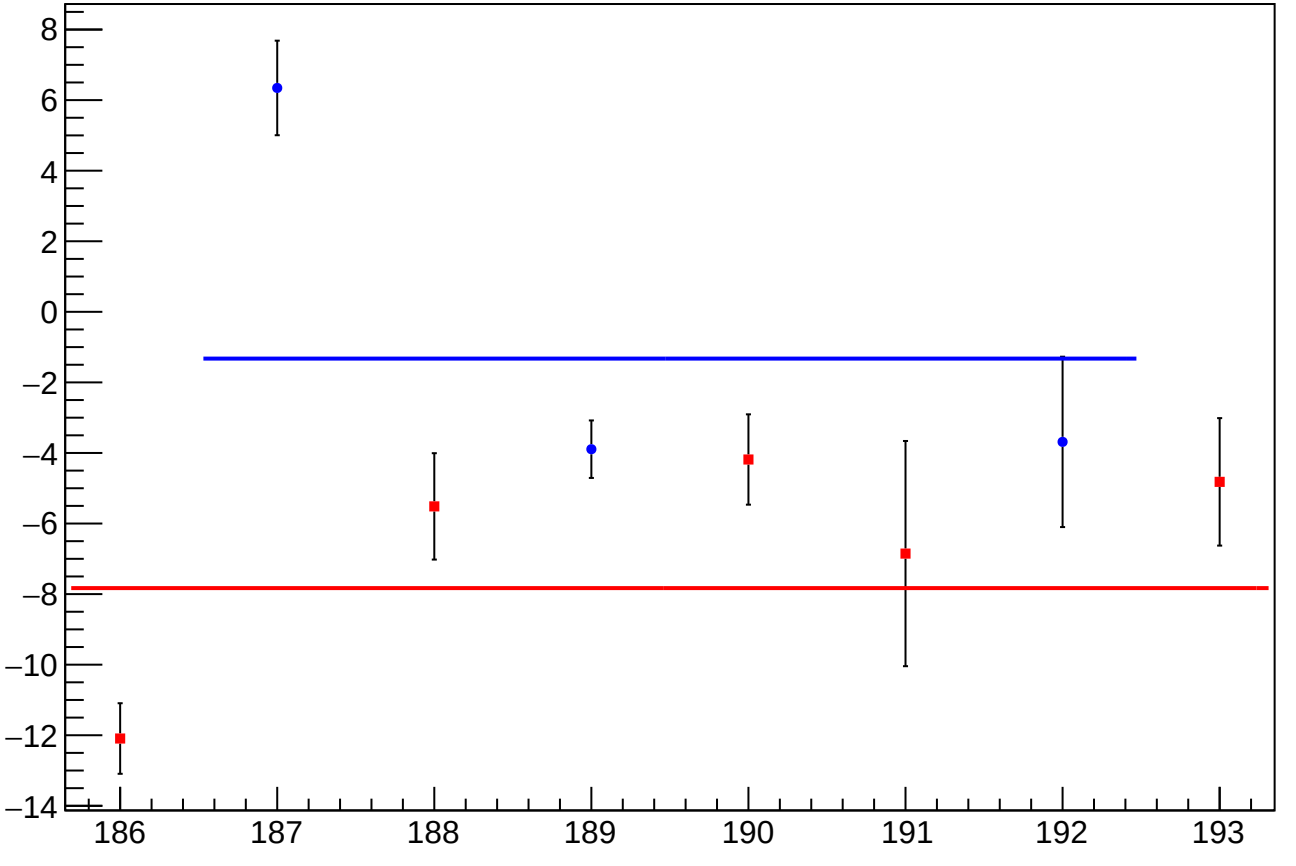
Right: -25.655+/-0.364 χ^2/NDF: 819.2/7

In: -29.079+/-0.535 χ^2/NDF:181.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -25.655+/-0.364 χ^2/NDF: 819.2/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.326+/-0.669 χ^2/NDF: 43.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.830+/-0.638 χ^2/NDF: 31.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

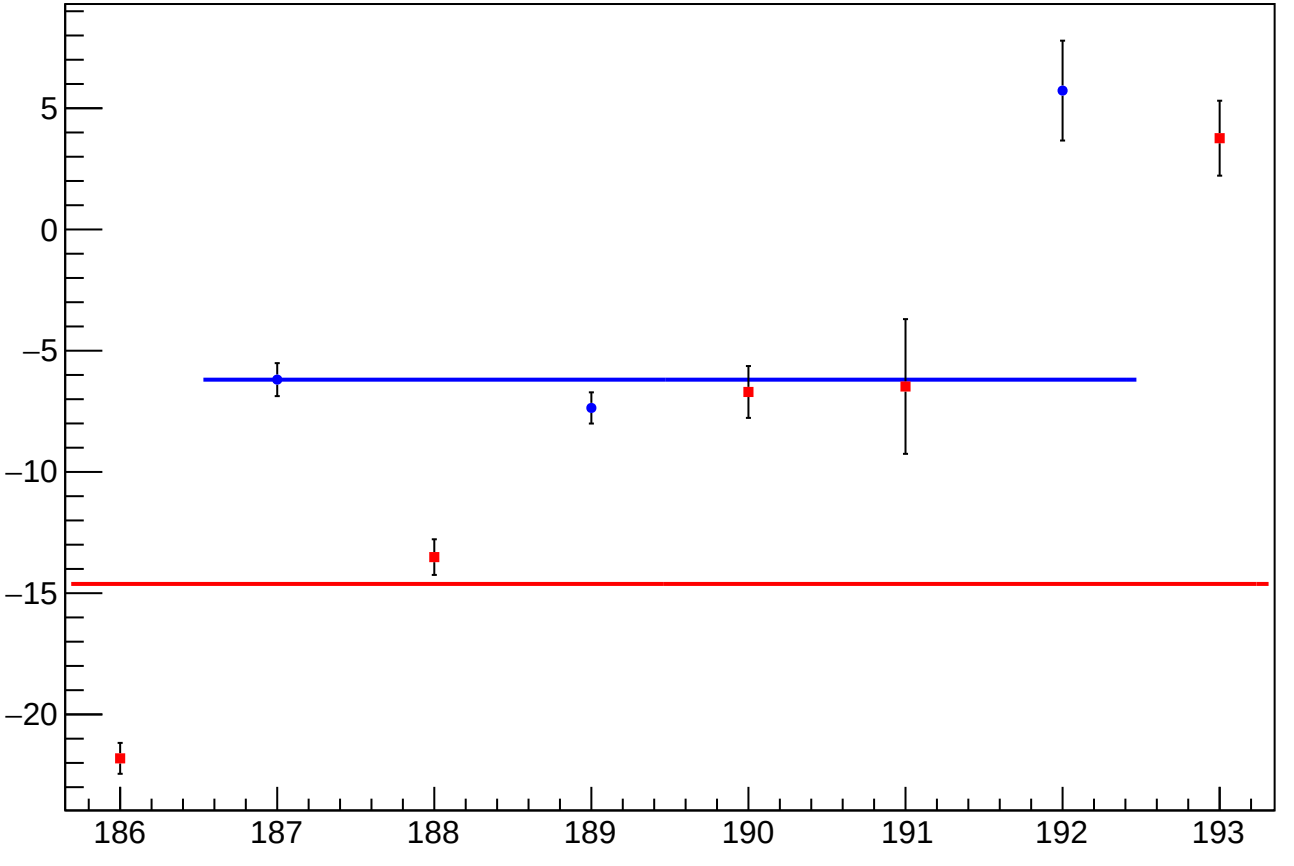
Right: -4.730+/-0.462 χ^2/NDF: 124.7/7

In: -1.326+/-0.669 χ^2/NDF:43.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.730+/-0.462 χ^2/NDF: 124.7/7

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.194+/-0.456 χ^2/NDF: 36.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.618+/-0.417 χ^2/NDF: 334.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

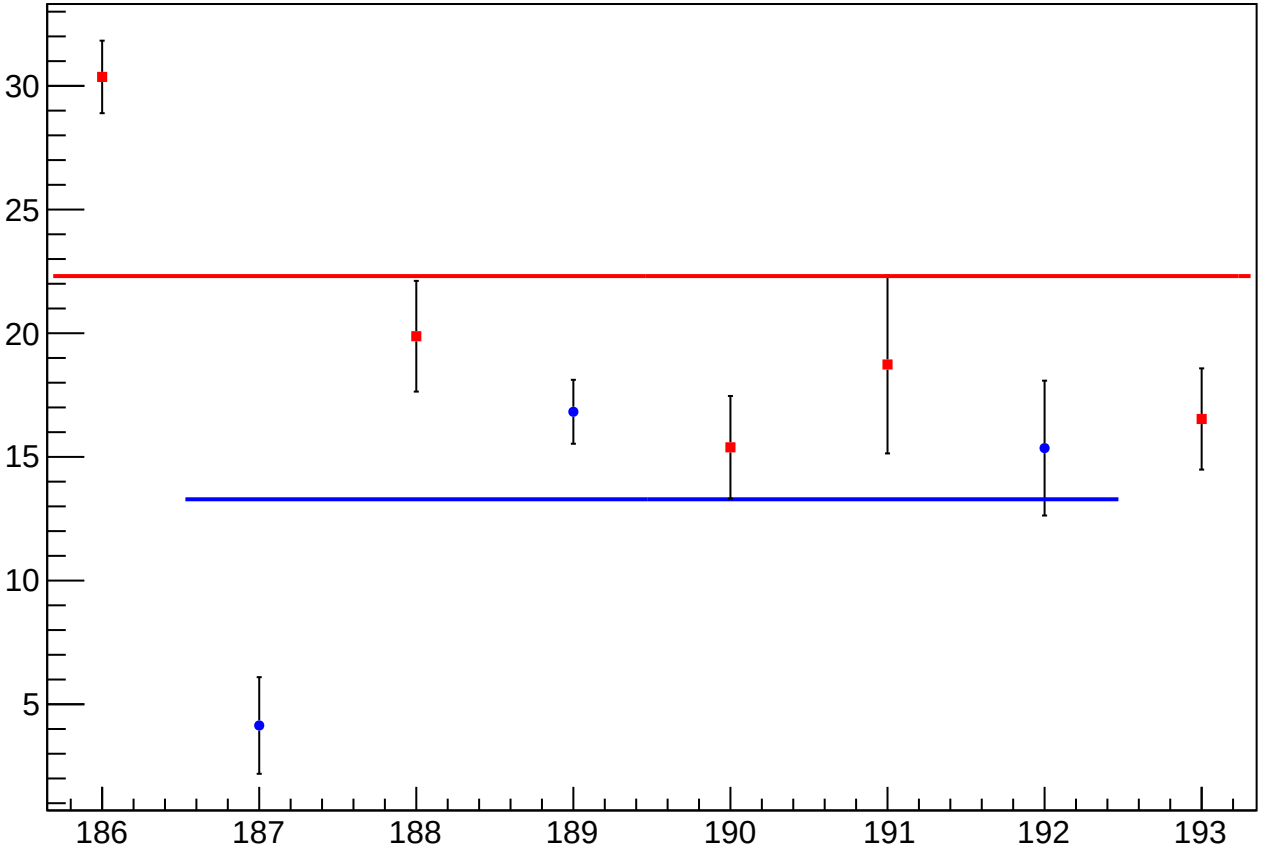
Right: -10.776+/-0.308 χ^2/NDF: 557.1/7

In: -6.194+/-0.456 χ^2/NDF:36.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.776+/-0.308 χ^2/NDF: 557.1/7

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.287+/-1.002 χ^2/NDF: 30.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.310+/-0.908 χ^2/NDF: 51.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

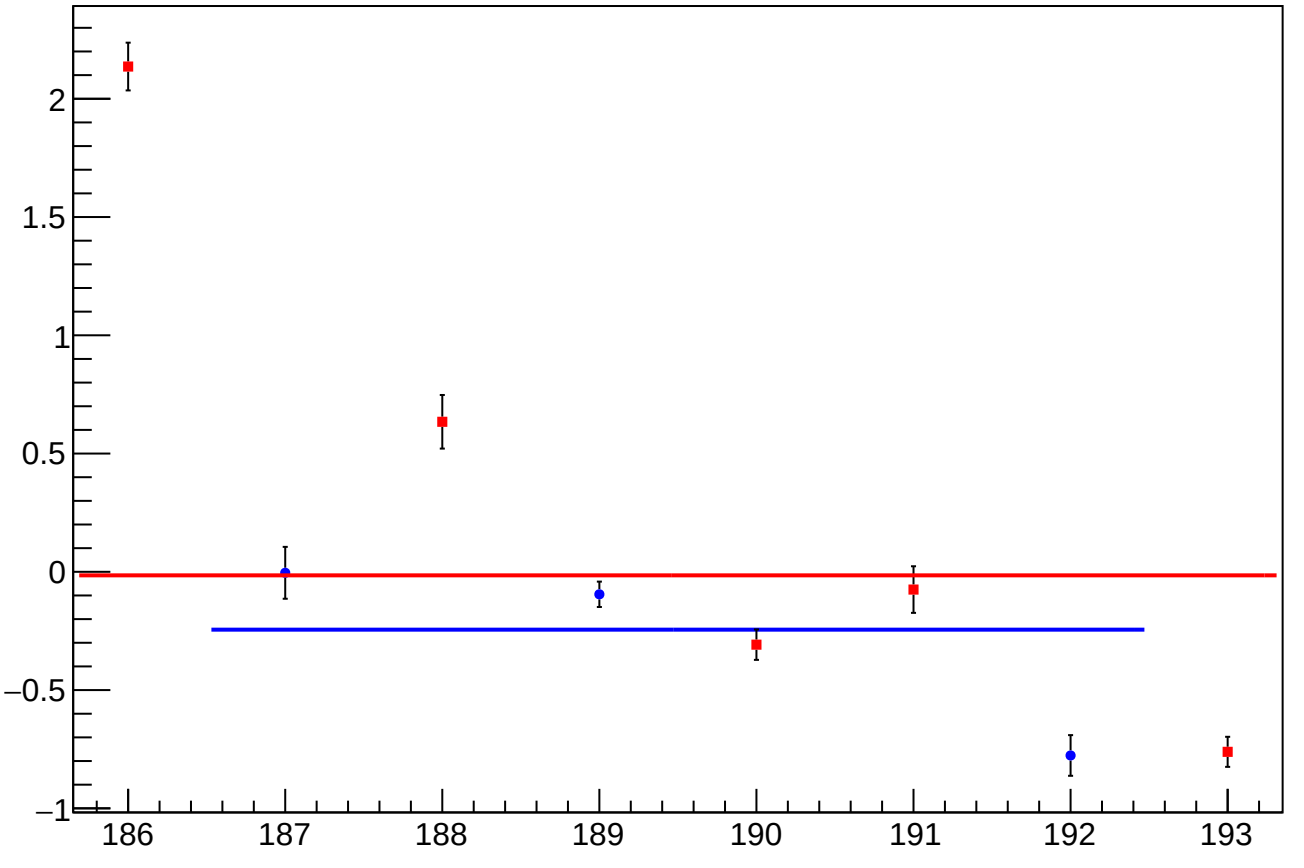
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 18.244+/-0.673 χ^2/NDF: 125.9/7

In: 13.287+/-1.002 χ^2/NDF:30.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.244+/-0.673 χ^2/NDF: 125.9/7



Right In: -0.245+/-0.042 χ^2/NDF: 50.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.015+/-0.036 χ^2/NDF: 645.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

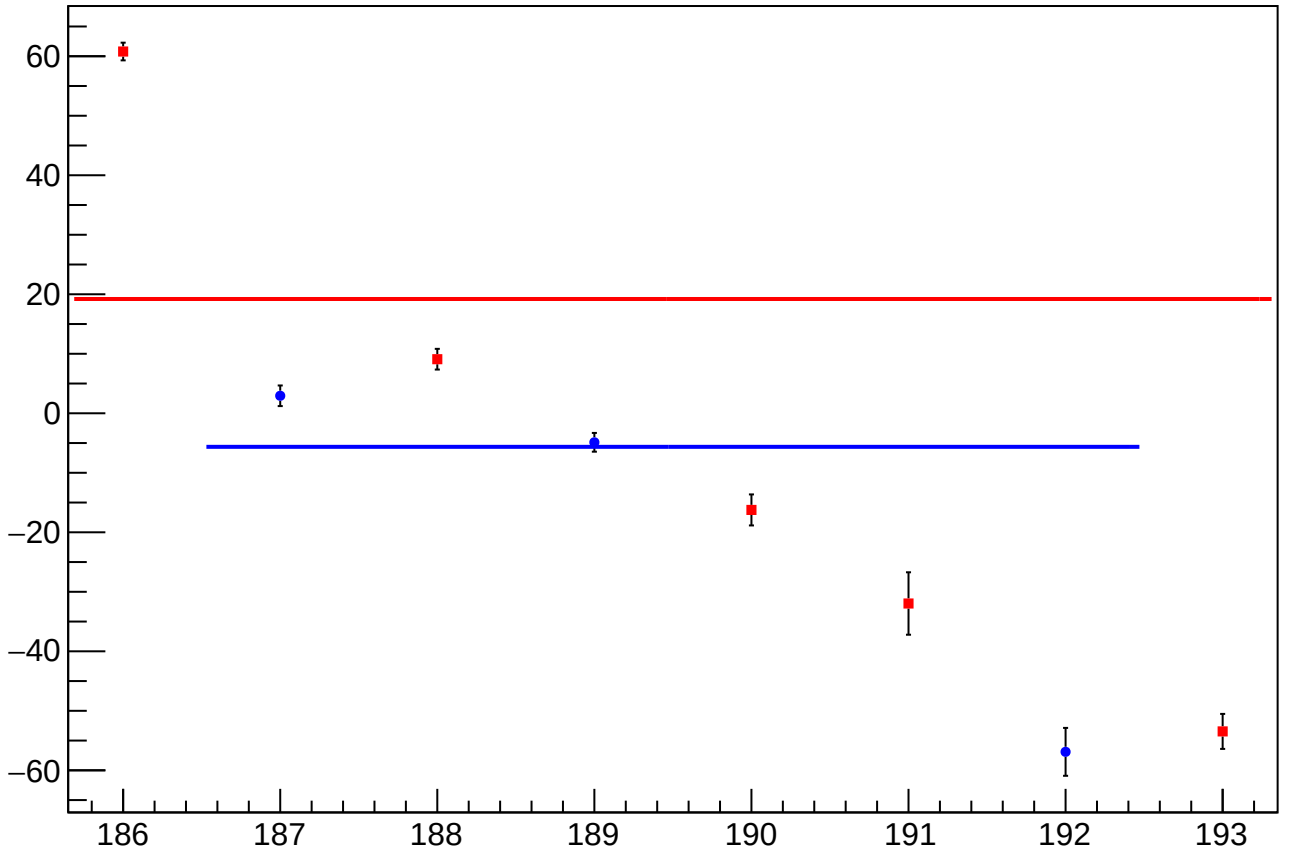
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.112+/-0.027 χ^2/NDF: 713.8/7

In: -0.245+/-0.042 χ^2/NDF:50.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.112+/-0.027 χ^2/NDF: 713.8/7



Right In: -5.638+/-1.120 χ^2/NDF: 187.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.206+/-0.961 χ^2/NDF: 1707.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

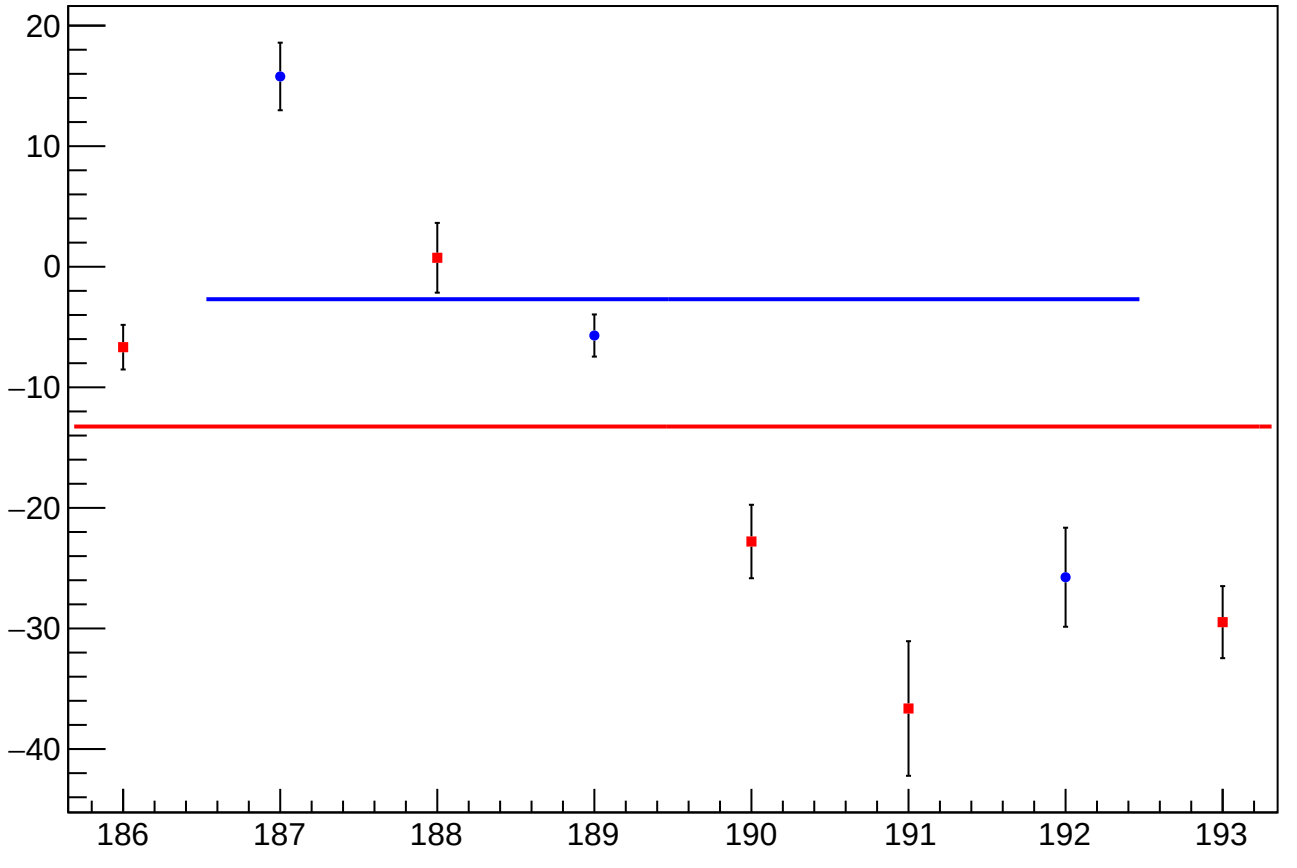
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.661+/-0.729 χ^2/NDF: 2177.4/7

In: -5.638+/-1.120 χ^2/NDF:187.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.661+/-0.729 χ^2/NDF: 2177.4/7



Right In: -2.693+/-1.395 χ^2/NDF: 77.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.252+/-1.228 χ^2/NDF: 92.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

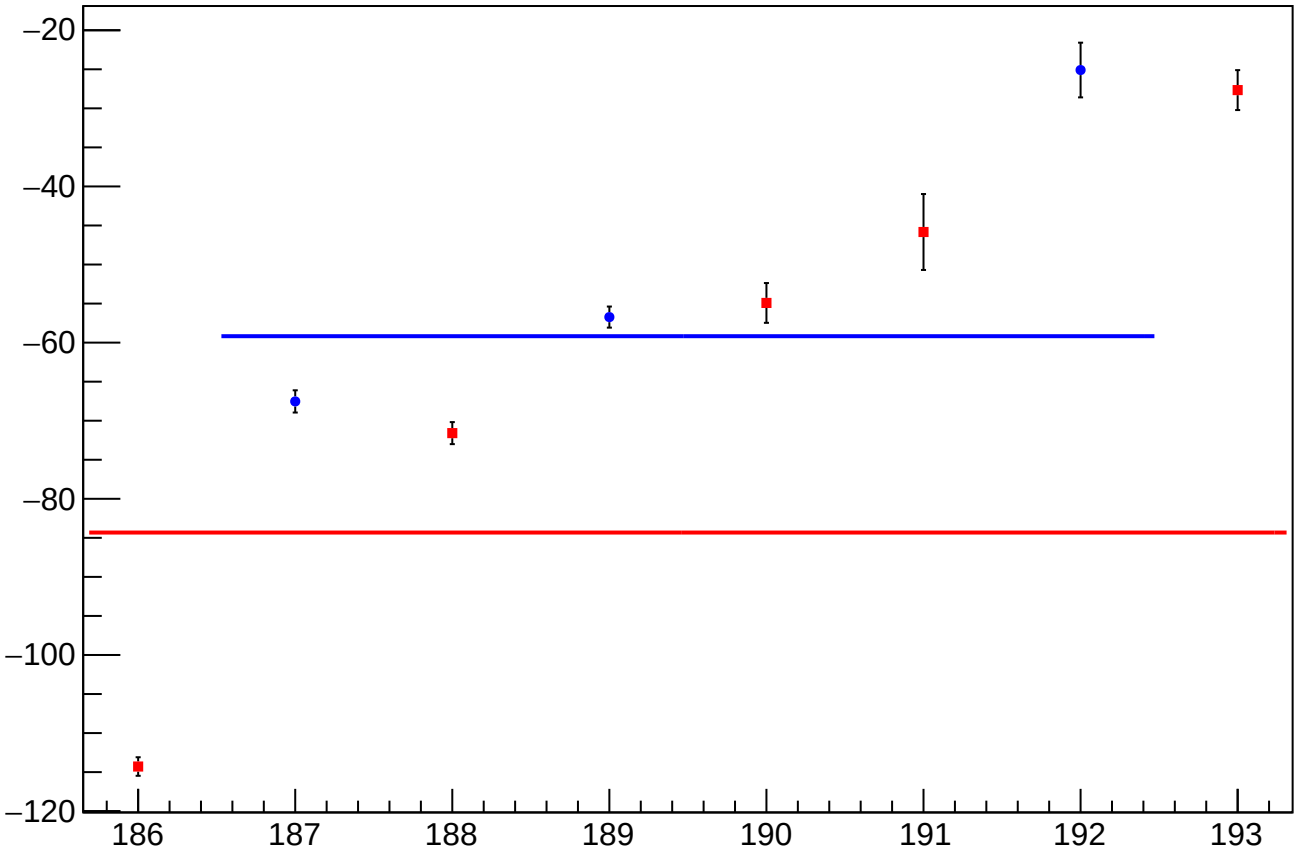
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.643+/-0.922 χ^2/NDF: 203.1/7

In: -2.693+/-1.395 χ^2/NDF:77.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.643+/-0.922 χ^2/NDF: 203.1/7



Right In: -59.177+/-0.943 χ^2/NDF: 132.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -84.321+/-0.800 χ^2/NDF: 1404.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

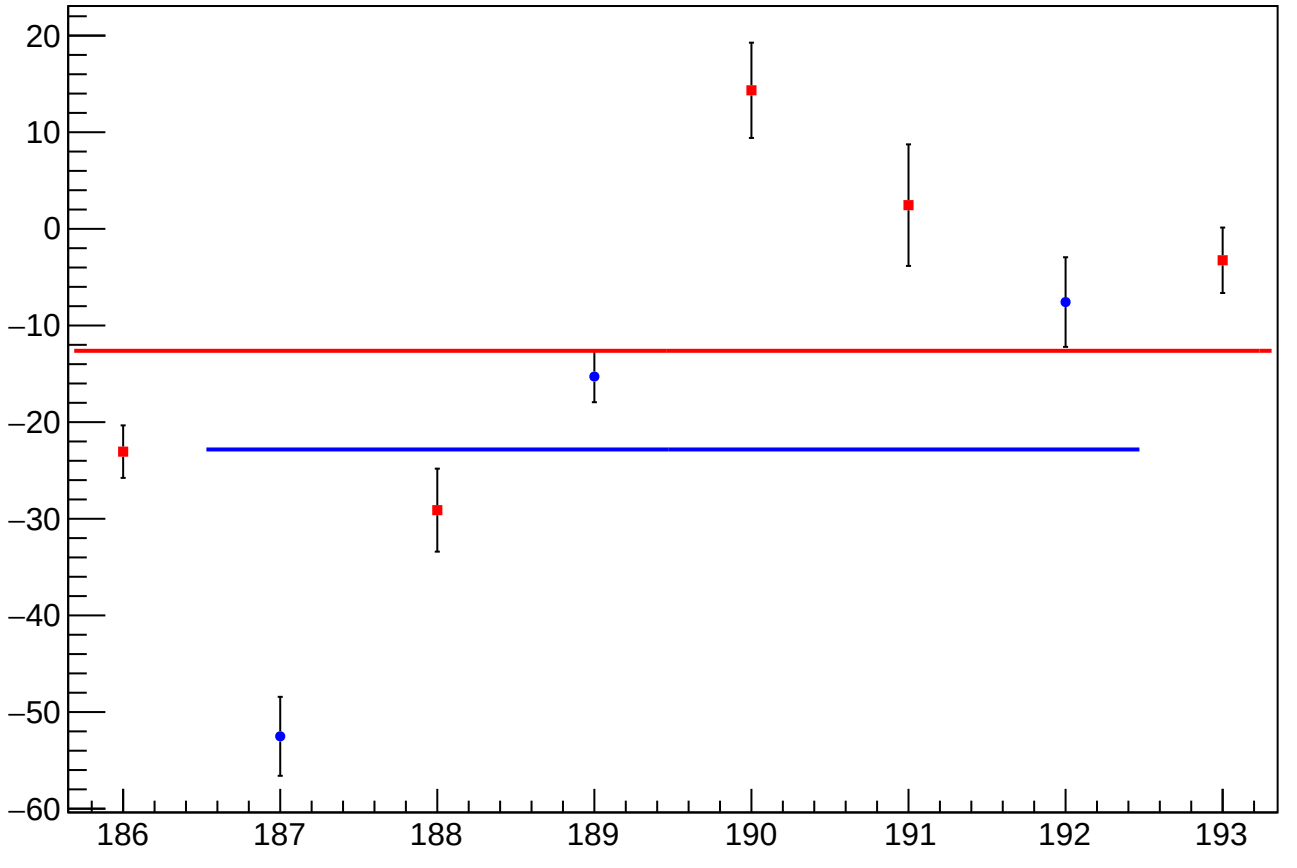
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -73.796+/-0.610 χ^2/NDF: 1949.8/7

In: -59.177+/-0.943 χ^2/NDF:132.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -73.796+/-0.610 χ^2/NDF: 1949.8/7



Right In: -22.828+/-2.008 χ^2/NDF: 71.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.617+/-1.707 χ^2/NDF: 72.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

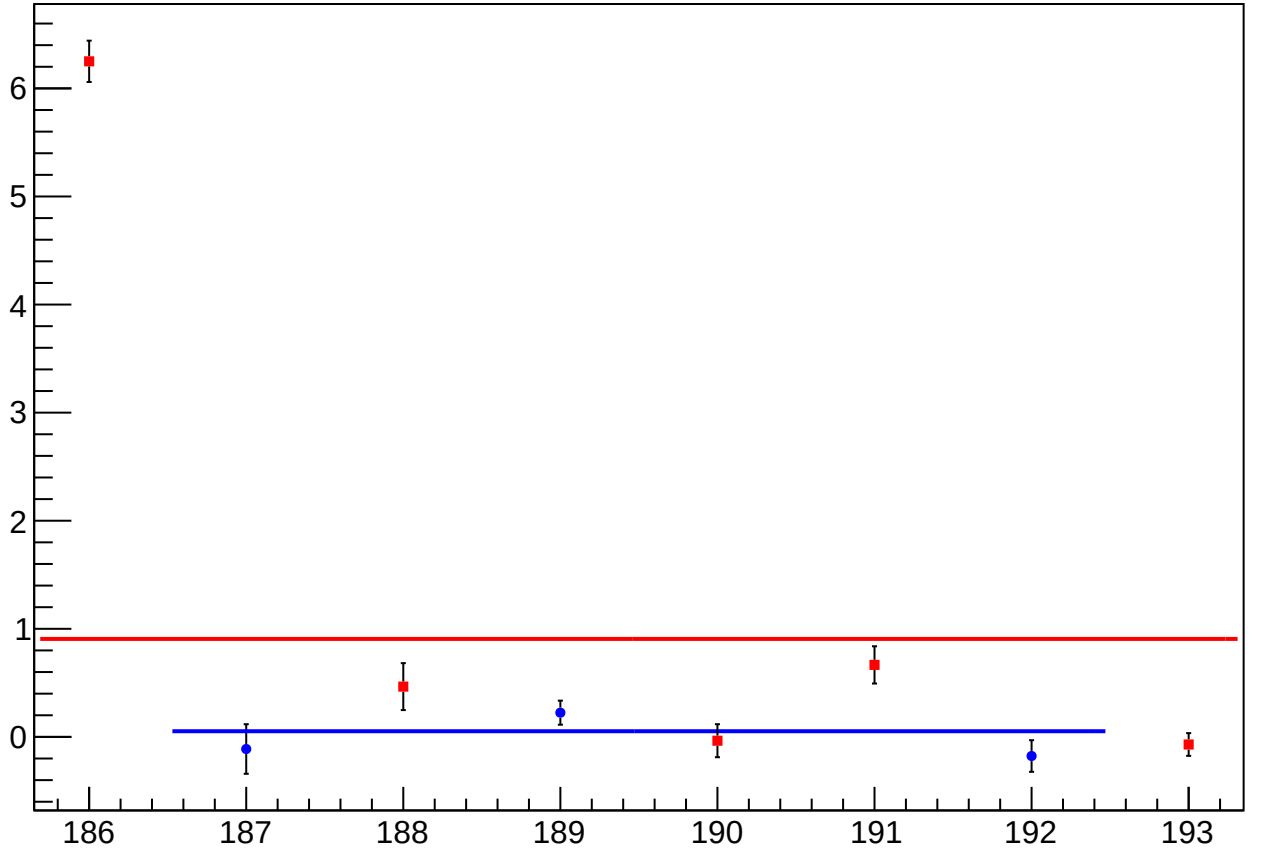
Right: -16.900+/-1.300 χ^2/NDF: 159.5/7

In: -22.828+/-2.008 χ^2/NDF:71.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -16.900+/-1.300 χ^2/NDF: 159.5/7

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.052+/-0.083 χ^2/NDF: 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.906+/-0.068 χ^2/NDF: 911.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

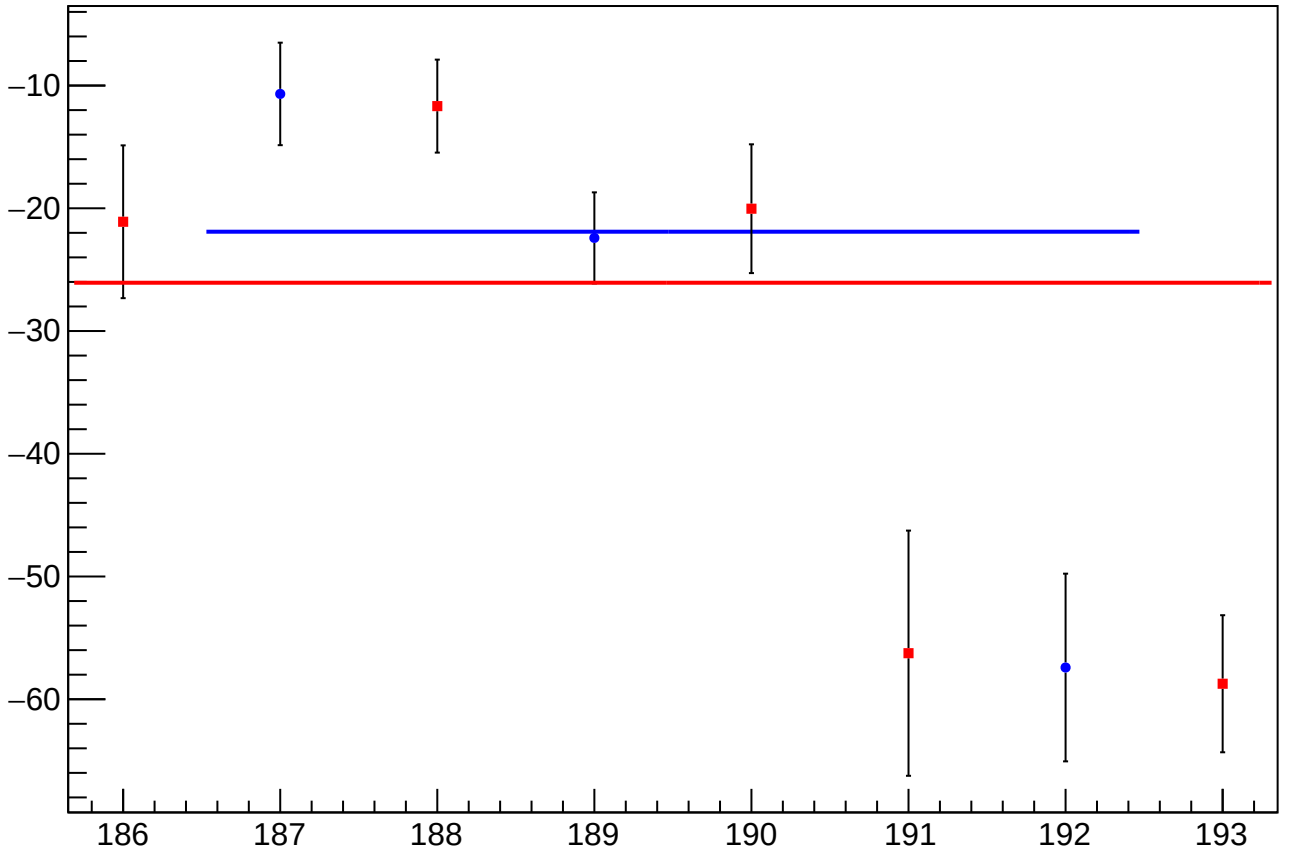
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.561+/-0.053 χ^2/NDF: 980.7/7

In: 0.052+/-0.083 χ^2/NDF:5.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.561+/-0.053 χ^2/NDF: 980.7/7



Right In: -21.908+/-2.607 χ^2/NDF: 28.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.066+/-2.398 χ^2/NDF: 59.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

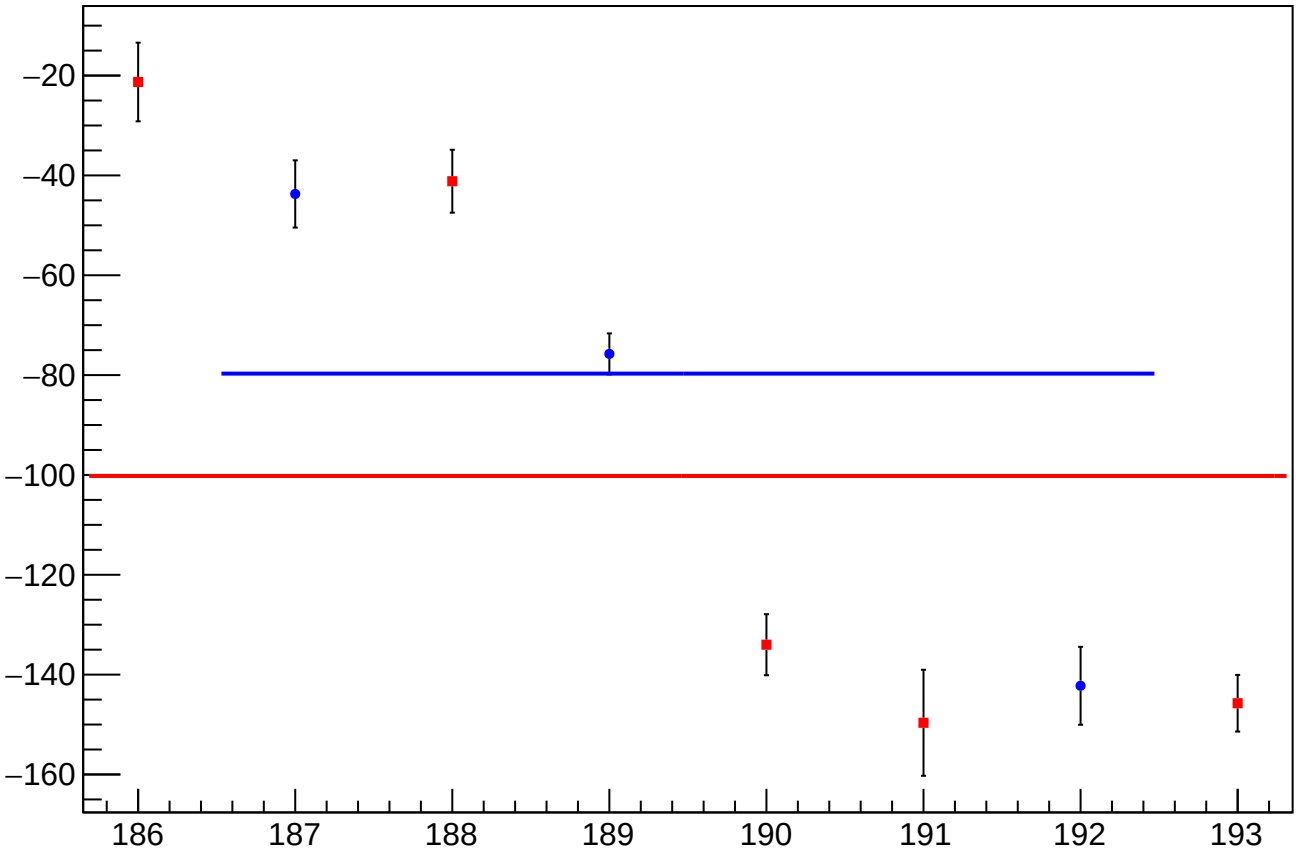
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -24.161+/-1.765 χ^2/NDF: 89.9/7

In: -21.908+/-2.607 χ^2/NDF:28.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -24.161+/-1.765 χ^2/NDF: 89.9/7



Right In: -79.702+/-3.200 χ^2/NDF: 93.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -100.204+/-3.043 χ^2/NDF: 304.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

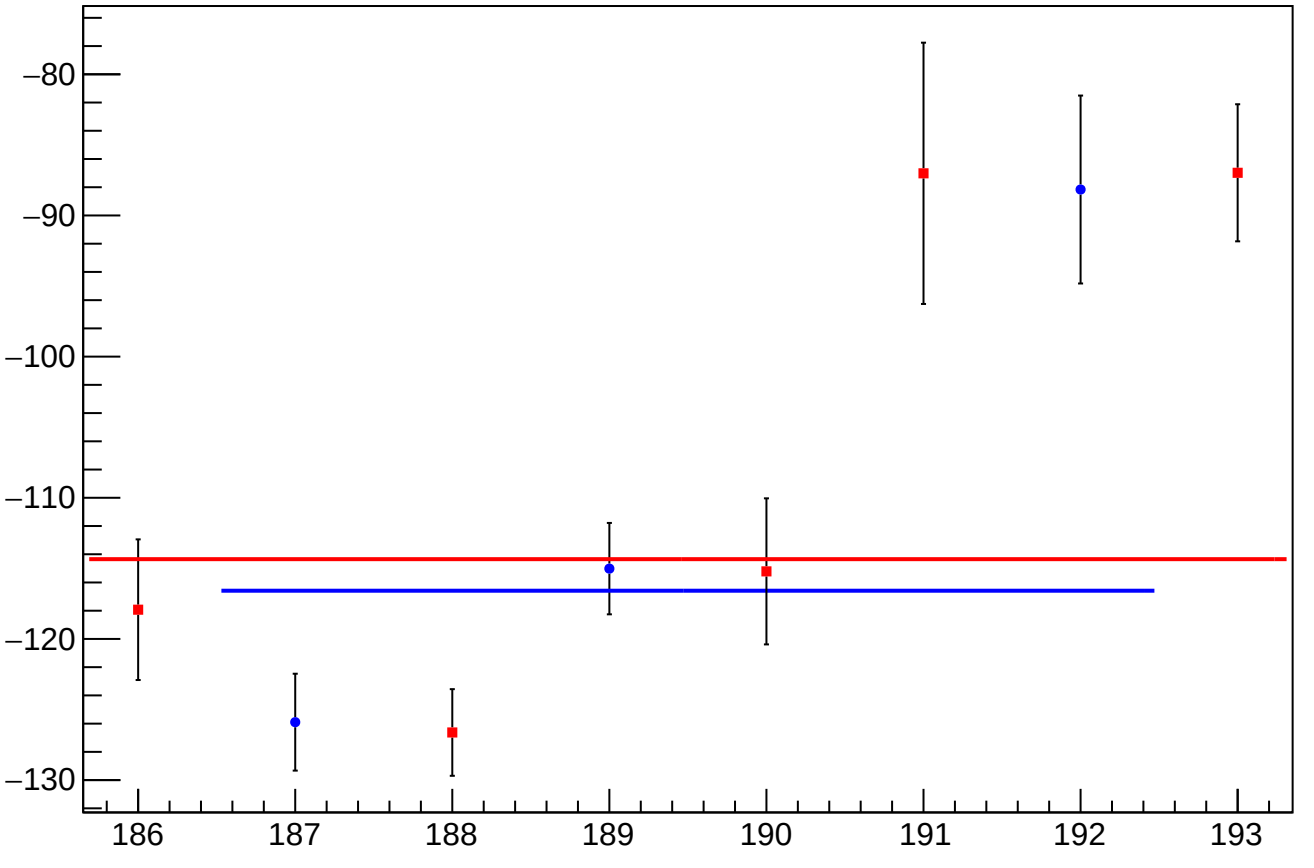
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -90.467+/-2.205 χ^2/NDF: 419.9/7

In: -79.702+/-3.200 χ^2/NDF:93.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -90.467+/-2.205 χ^2/NDF: 419.9/7



Right In: -116.584+/-2.220 χ^2/NDF: 25.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -114.348+/-2.050 χ^2/NDF: 57.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

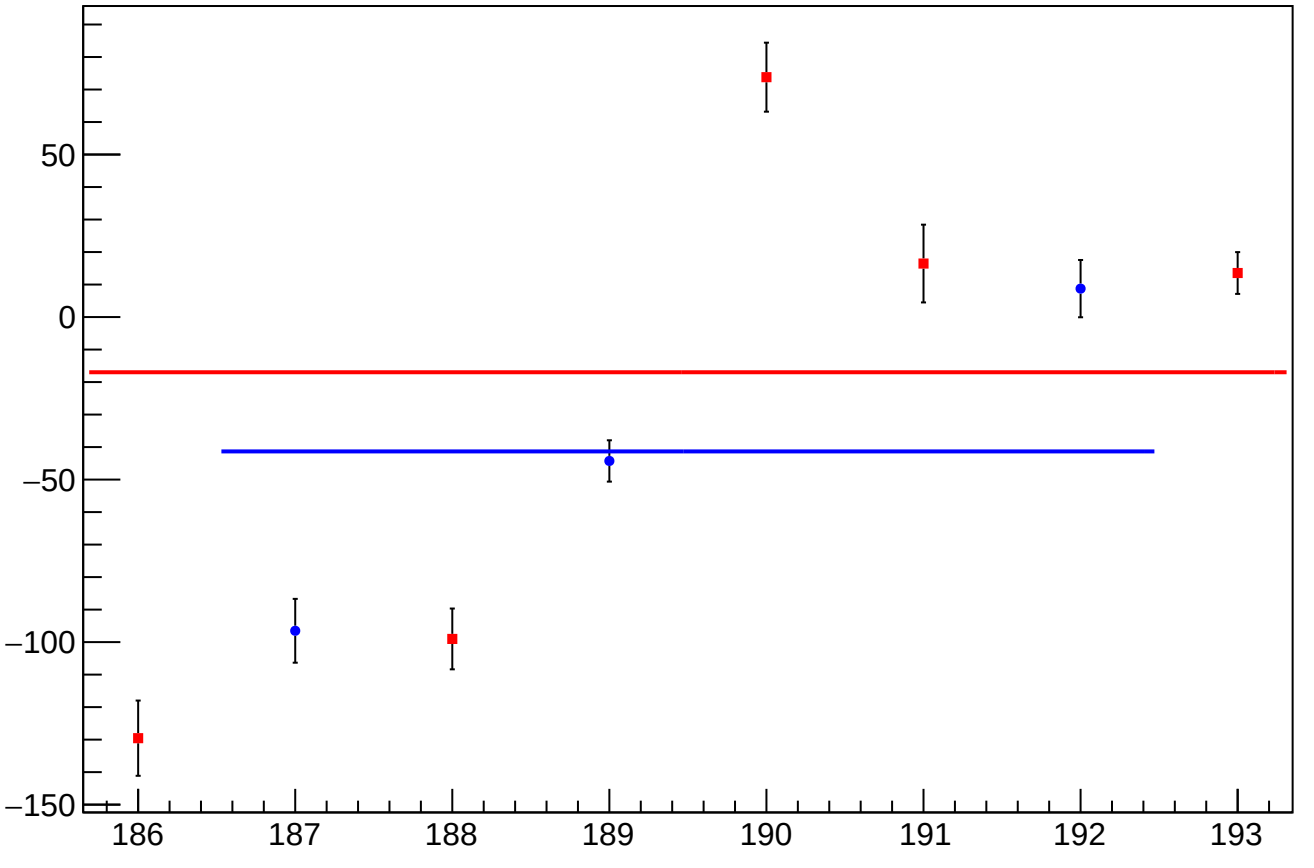
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

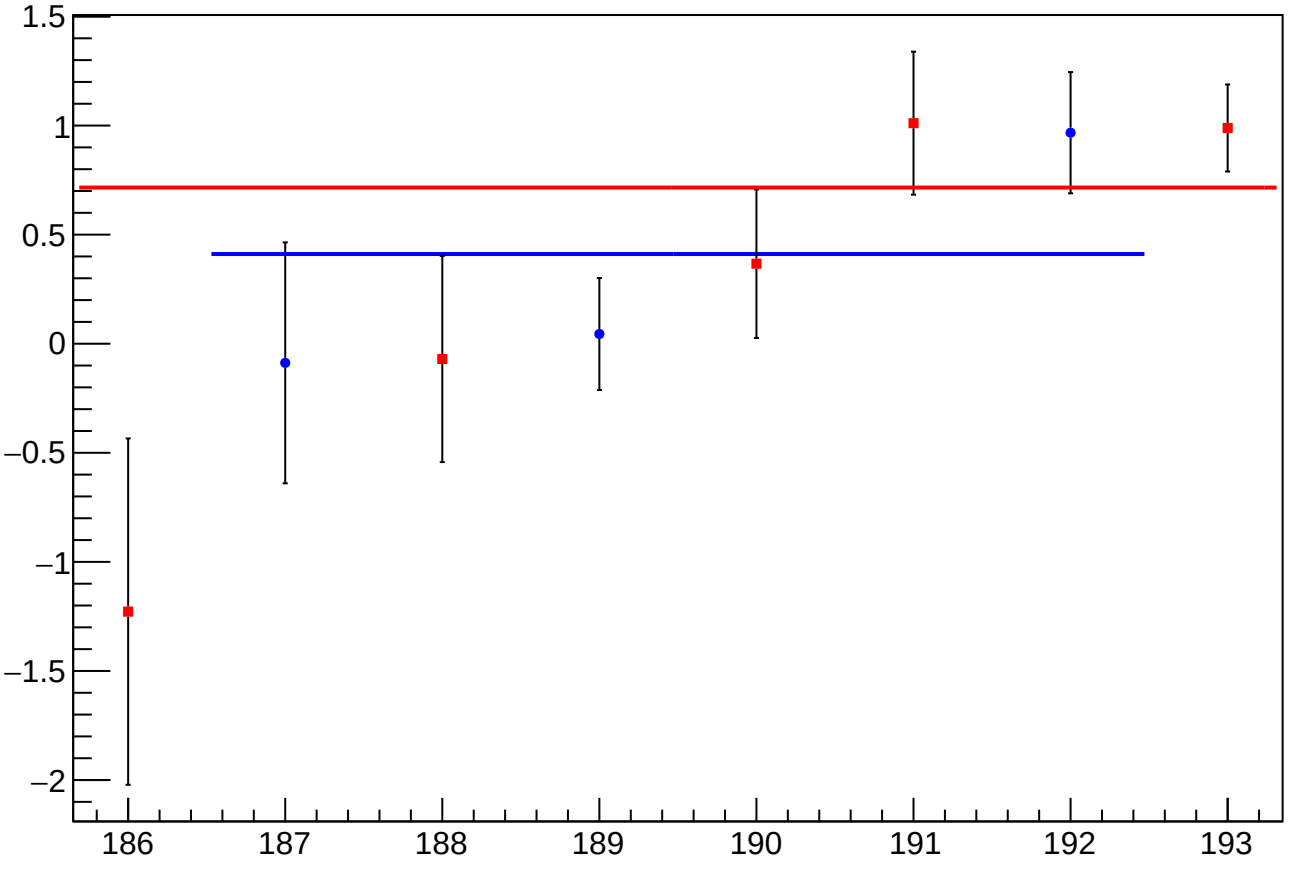
Right: -115.377+/-1.506 χ^2/NDF: 83.4/7

In: -116.584+/-2.220 χ^2/NDF:25.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -115.377+/-1.506 χ^2/NDF: 83.4/7


reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
50
0
−50
−100
−150
186
187
188
189
190
191
192
193
Right In: -41.333+/-4.565 χ²/NDF: 64.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -16.979+/-4.118 χ²/NDF: 275.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -27.906+/-3.058 χ²/NDF: 354.9/7
In: -41.333+/-4.565 χ²/NDF:64.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -27.906+/-3.058 χ²/NDF: 354.9/7



Right In: 0.411+/-0.178 χ^2/NDF: 6.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.716+/-0.143 χ^2/NDF: 12.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

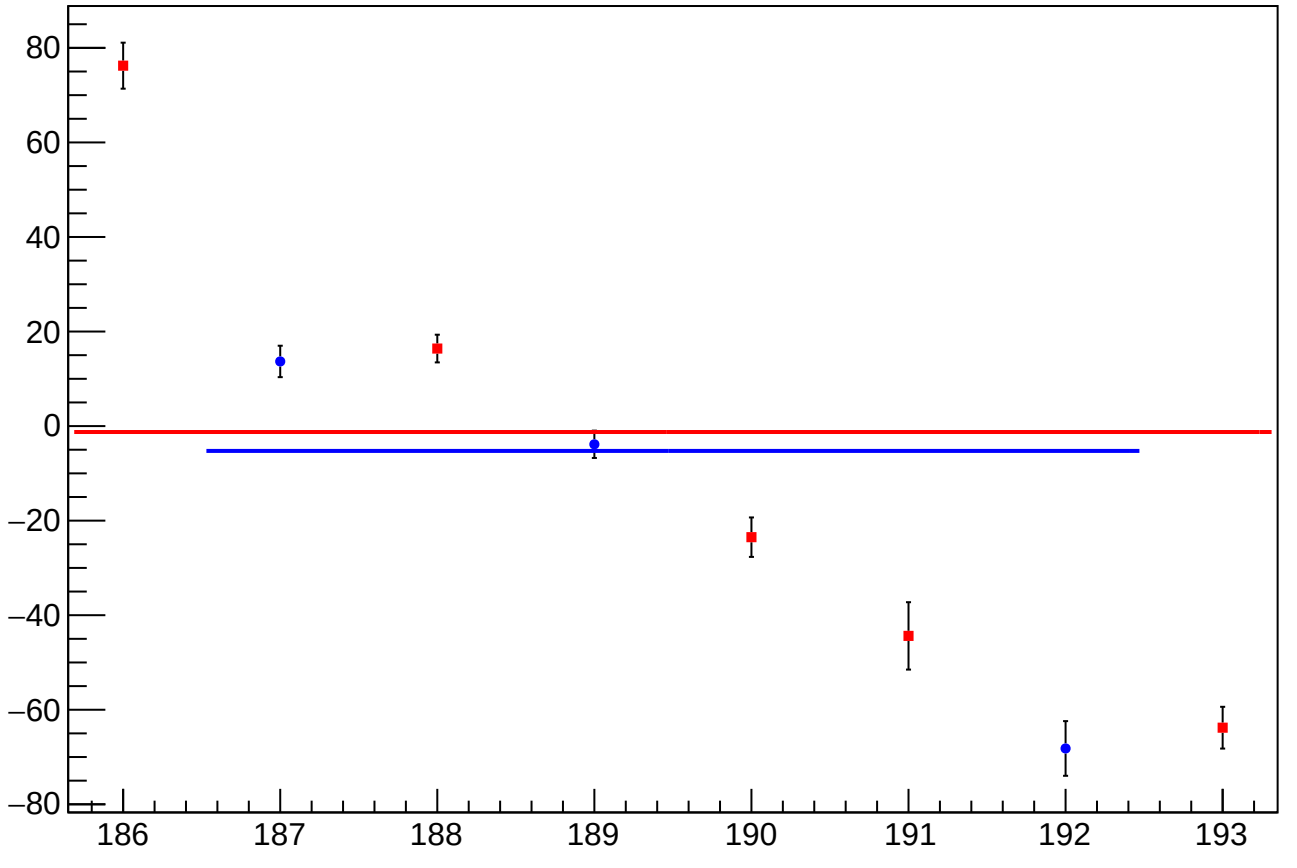
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.597+/-0.111 χ^2/NDF: 21.1/7

In: 0.411+/-0.178 χ^2/NDF:6.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.597+/-0.111 χ^2/NDF: 21.1/7



Right In: -5.252+/-2.040 χ^2/NDF: 151.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.252+/-1.866 χ^2/NDF: 555.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

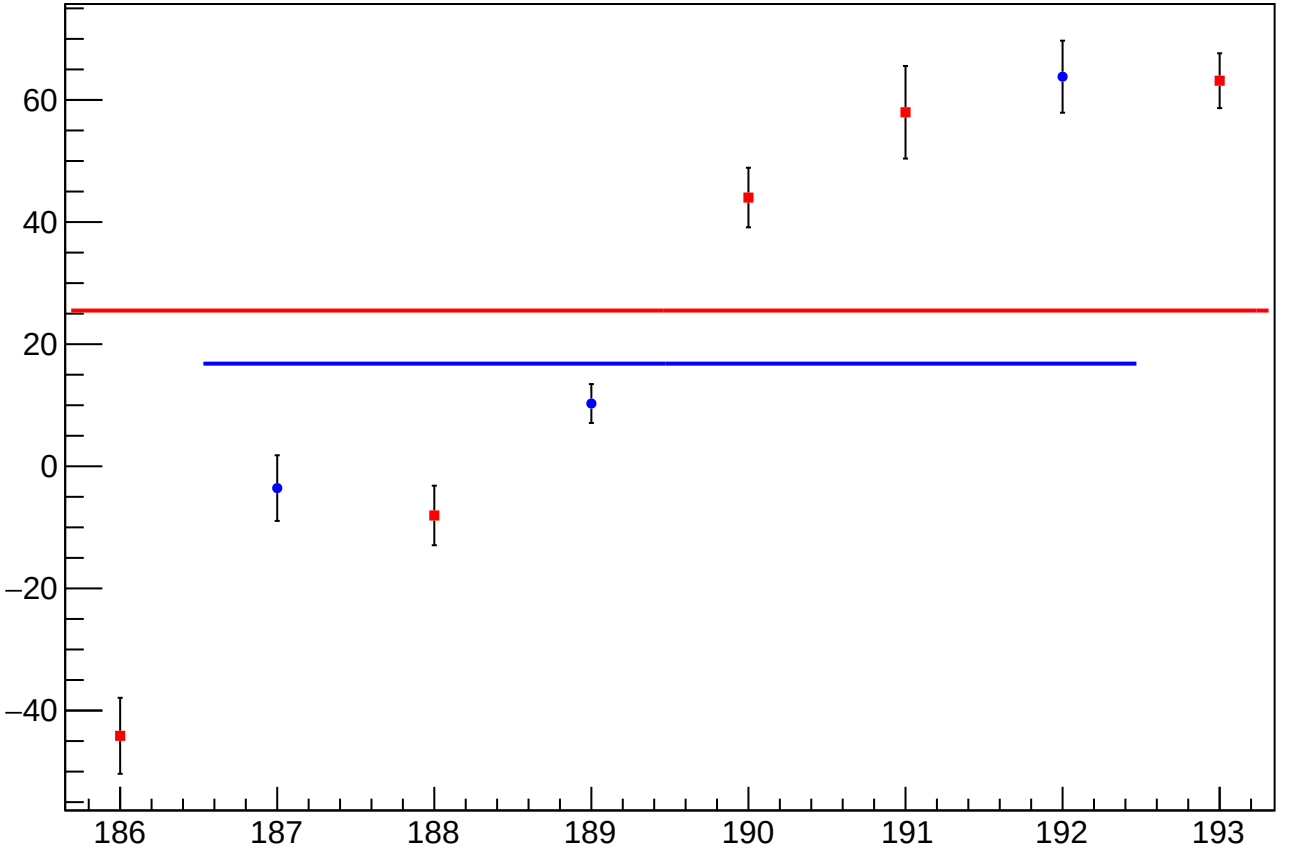
Right: -3.074+/-1.377 χ^2/NDF: 708.3/7

In: -5.252+/-2.040 χ^2/NDF:151.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.074+/-1.377 χ^2/NDF: 708.3/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.813+/-2.485 χ^2/NDF: 82.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 25.508+/-2.378 χ^2/NDF: 275.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

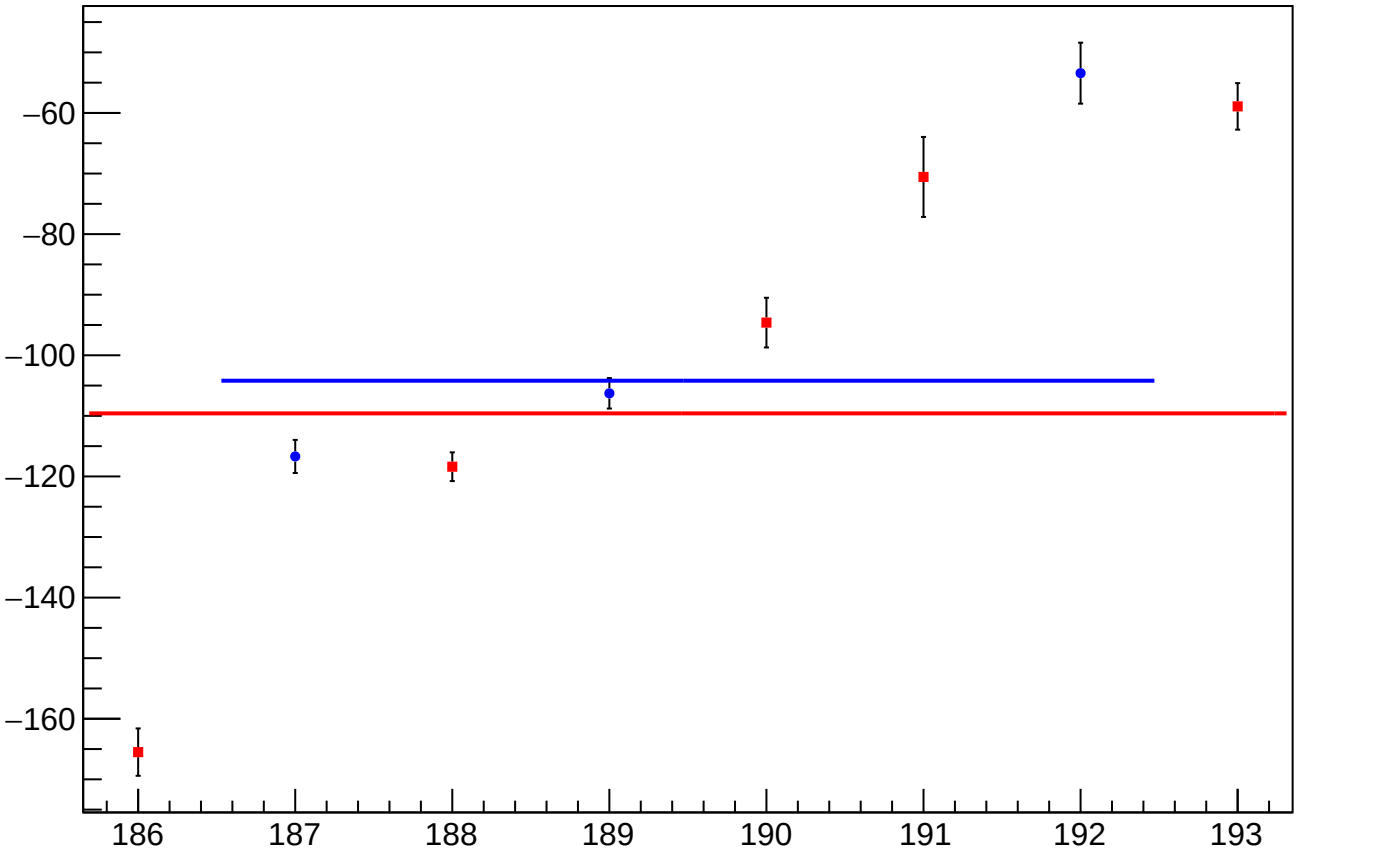
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

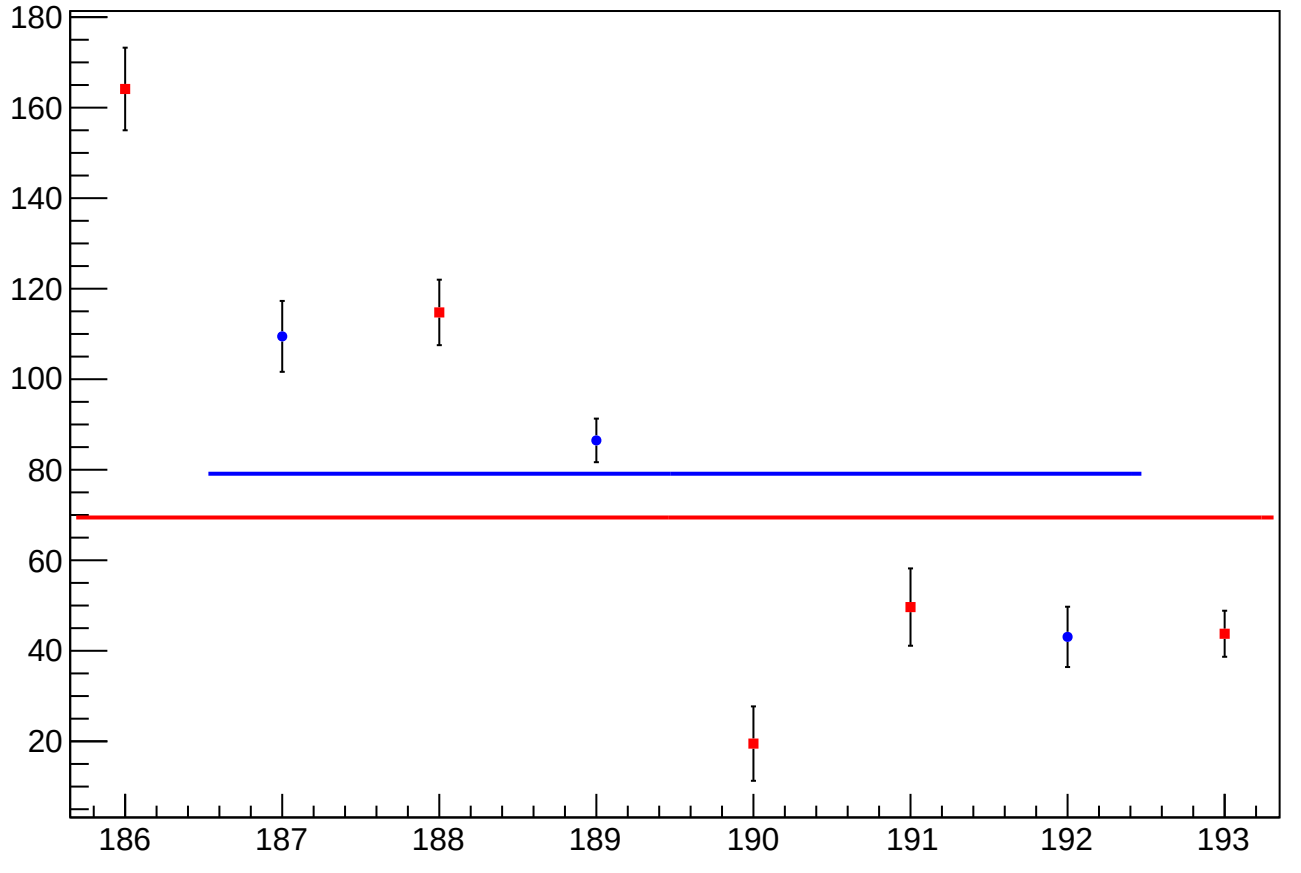
Right: 21.351+/-1.718 χ^2/NDF: 364.0/7

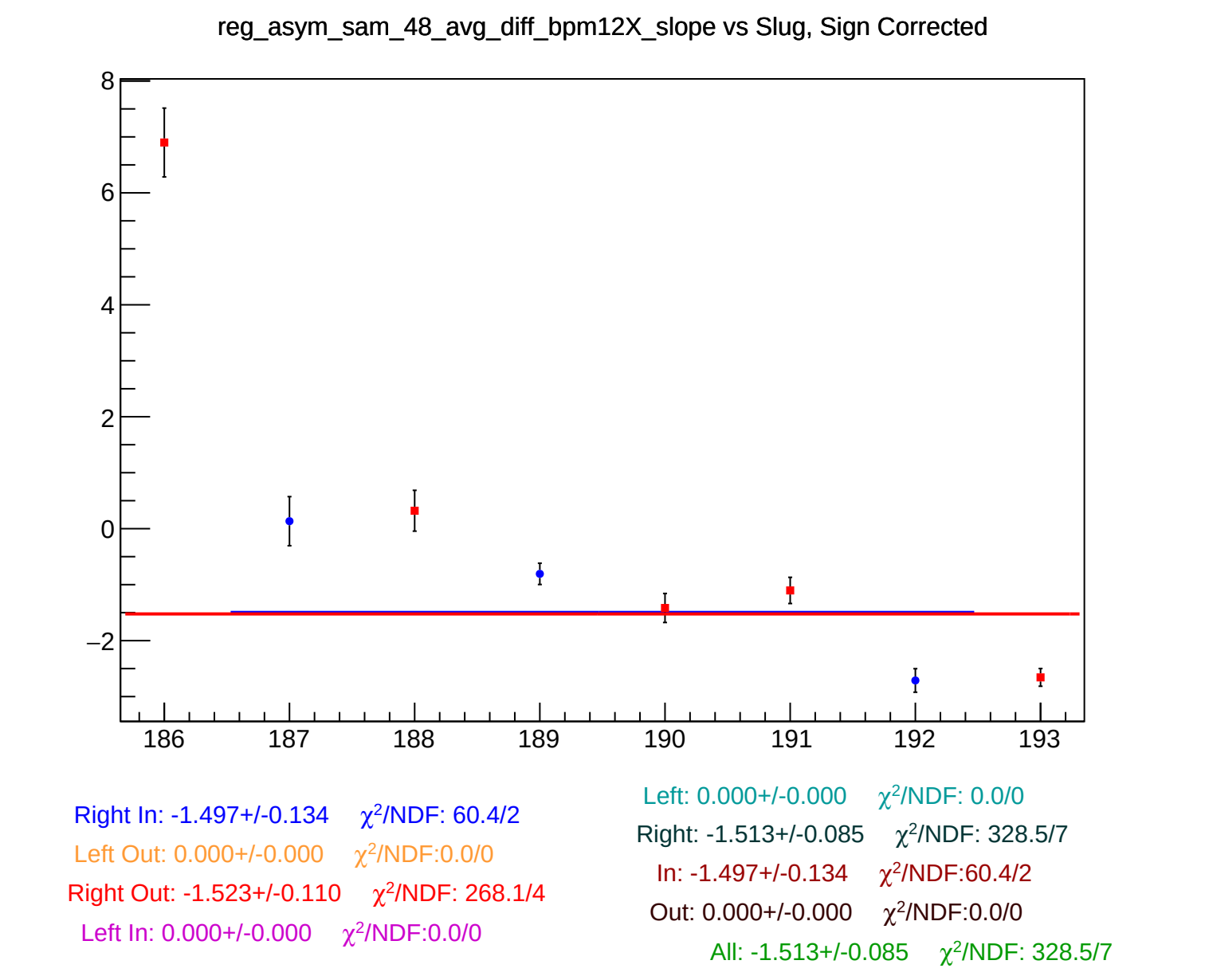
In: 16.813+/-2.485 χ^2/NDF:82.0/2

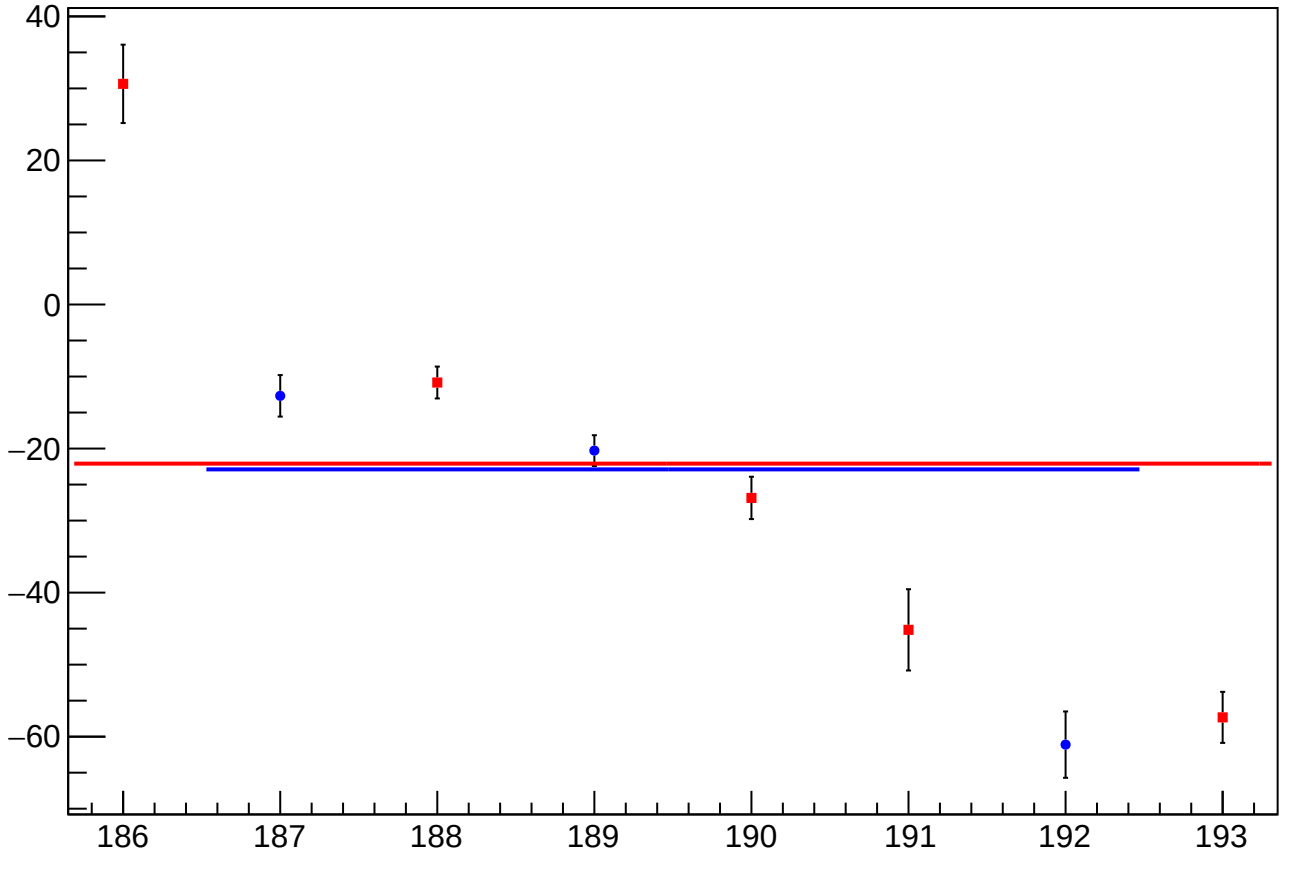
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.351+/-1.718 χ^2/NDF: 364.0/7


reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−60
−80
−100
−120
−140
−160
186
187
188
189
190
191
192
193
Right In: -104.199+/-1.736 χ²/NDF: 123.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -109.592+/-1.595 χ²/NDF: 440.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -107.124+/-1.175 χ²/NDF: 569.2/7
In: -104.199+/-1.736 χ²/NDF:123.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -107.124+/-1.175 χ²/NDF: 569.2/7


reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
180
160
140
120
100
80
60
40
20
186
187
188
189
190
191
192
193
Right In: 79.119+/-3.493 χ2/NDF: 46.6/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 69.450+/-3.190 χ2/NDF: 214.7/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 73.848+/-2.356 χ2/NDF: 265.5/7
In: 79.119+/-3.493 χ2/NDF:46.6/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 73.848+/-2.356 χ2/NDF: 265.5/7


reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected
8
6
4
2
0
−2
186
187
188
189
190
191
192
193
Right In: -1.497+/-0.134 χ²/NDF: 60.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -1.523+/-0.110 χ²/NDF: 268.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -1.513+/-0.085 χ²/NDF: 328.5/7
In: -1.497+/-0.134 χ²/NDF:60.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -1.513+/-0.085 χ²/NDF: 328.5/7



Right In: -22.891+/-1.607 χ^2/NDF: 82.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -22.092+/-1.467 χ^2/NDF: 237.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

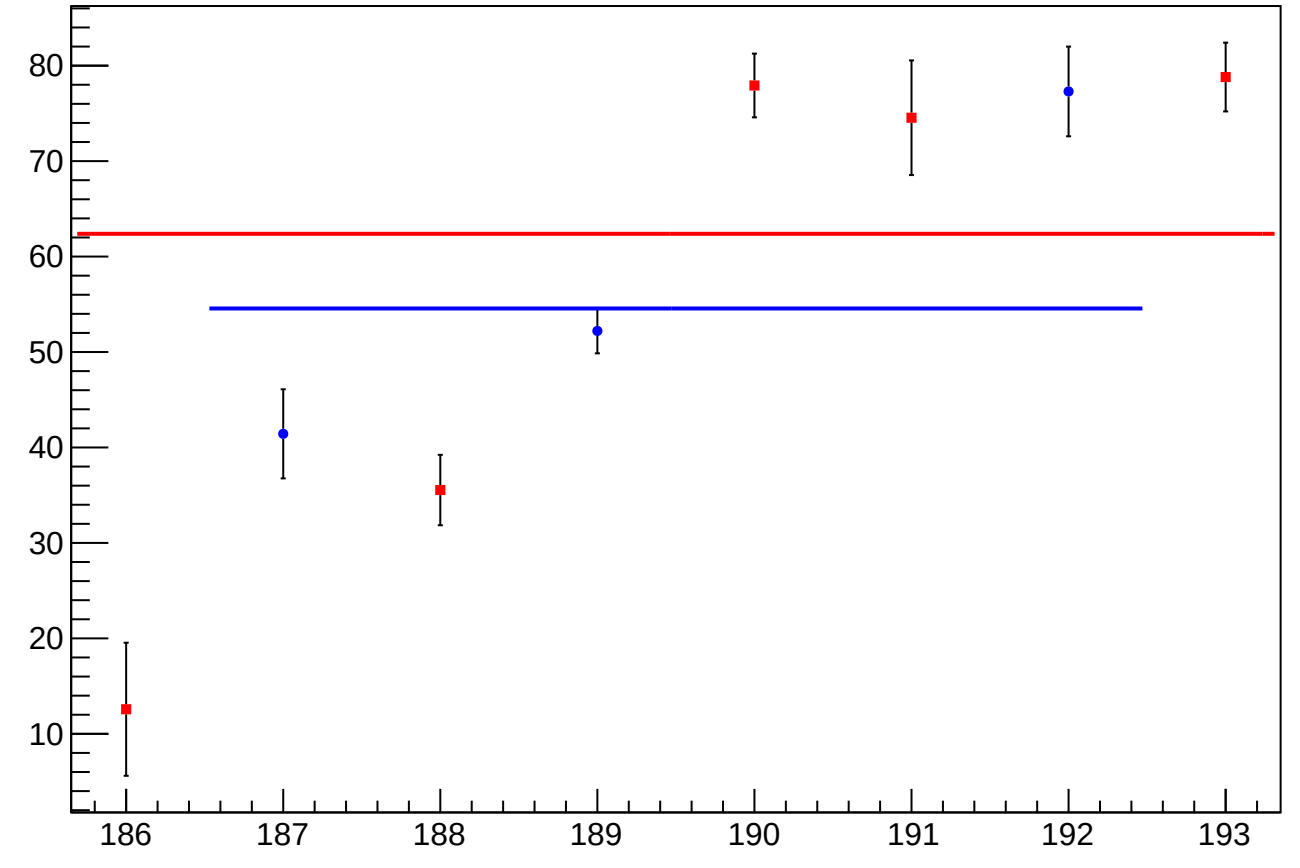
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -22.455+/-1.083 χ^2/NDF: 321.0/7

In: -22.891+/-1.607 χ^2/NDF:82.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -22.455+/-1.083 χ^2/NDF: 321.0/7



Right In: 54.561+/-1.915 χ^2/NDF: 32.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 62.385+/-1.862 χ^2/NDF: 150.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

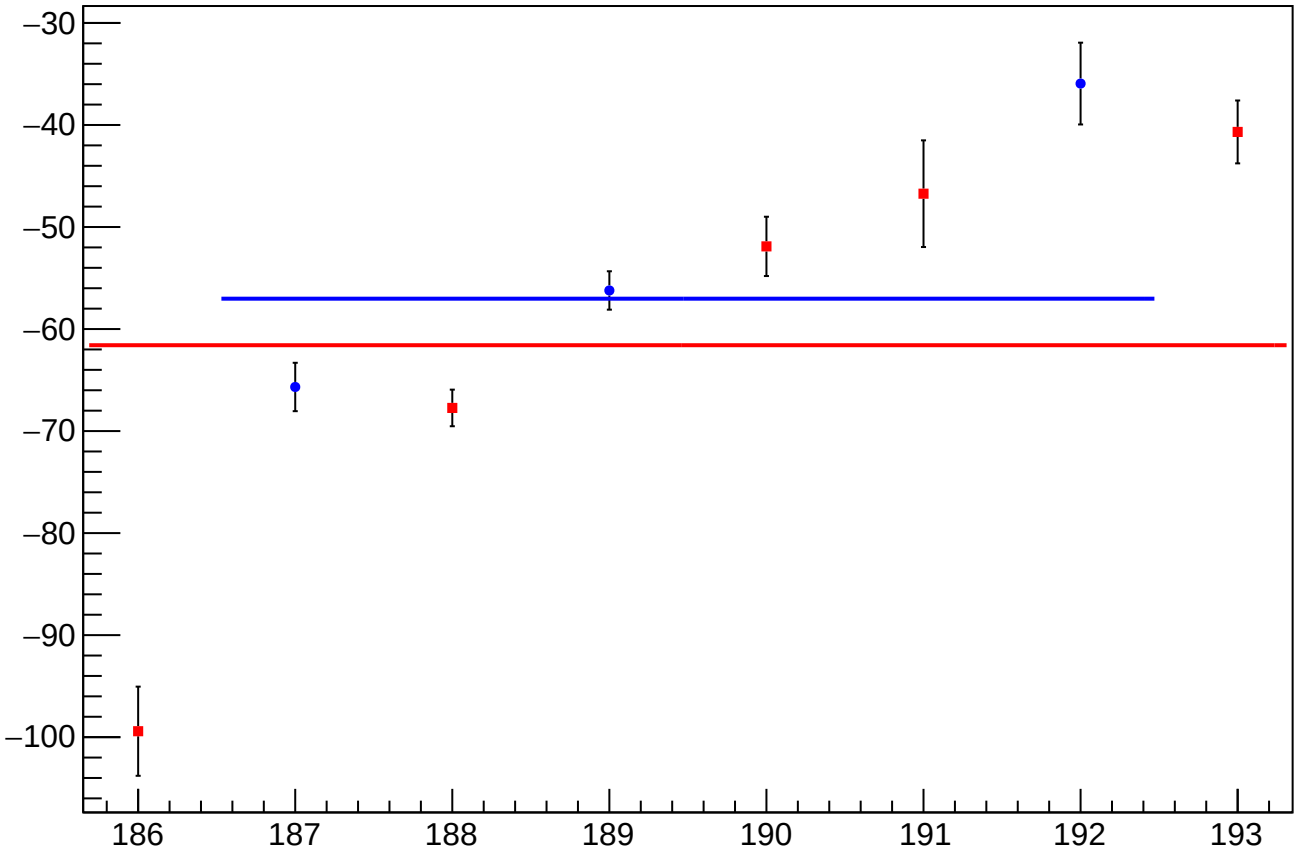
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 58.584+/-1.335 χ^2/NDF: 191.4/7

In: 54.561+/-1.915 χ^2/NDF:32.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 58.584+/-1.335 χ^2/NDF: 191.4/7



Right In: -57.024+/-1.383 χ^2/NDF: 41.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -61.585+/-1.266 χ^2/NDF: 151.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

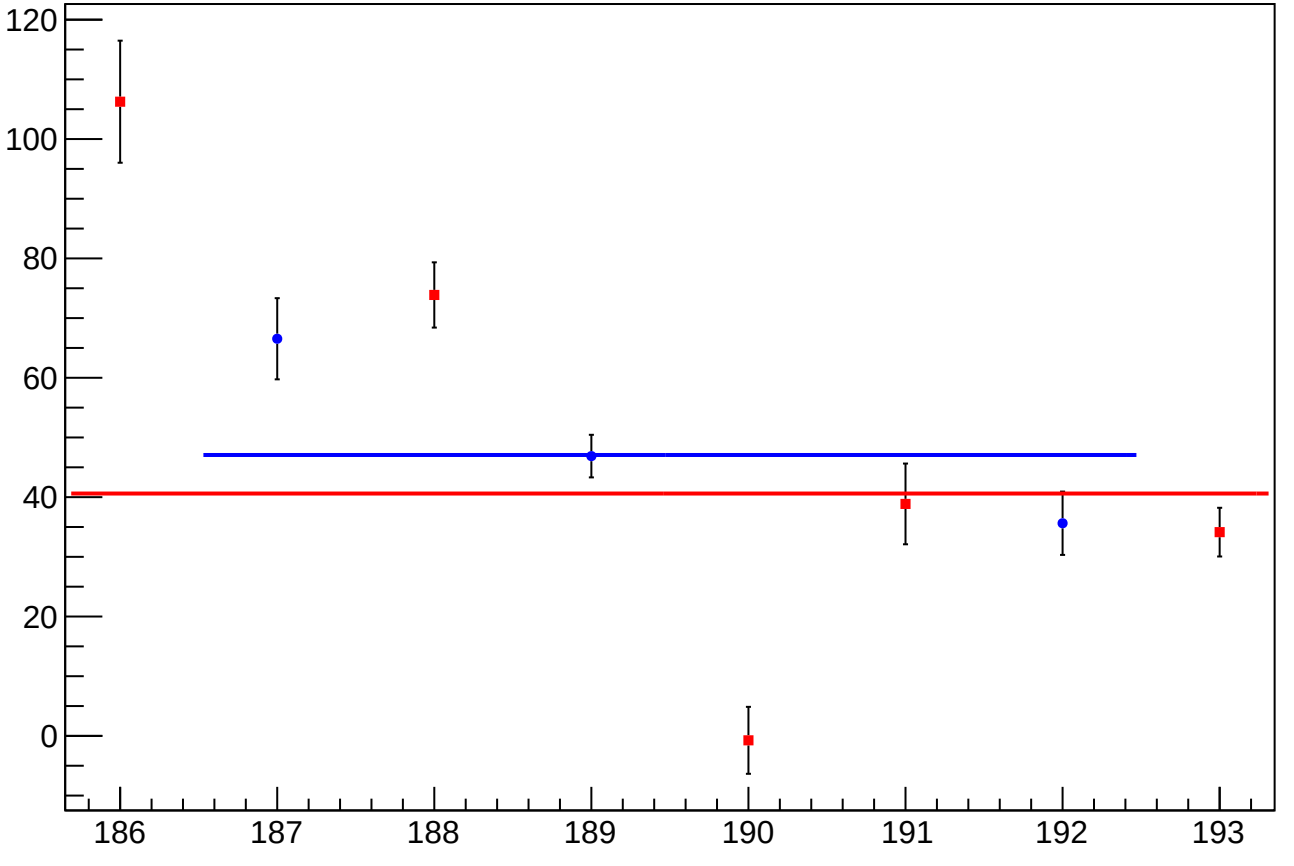
Right: -59.505+/-0.934 χ^2/NDF: 199.0/7

In: -57.024+/-1.383 χ^2/NDF:41.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -59.505+/-0.934 χ^2/NDF: 199.0/7

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.066+/-2.715 χ^2/NDF: 12.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.607+/-2.526 χ^2/NDF: 135.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

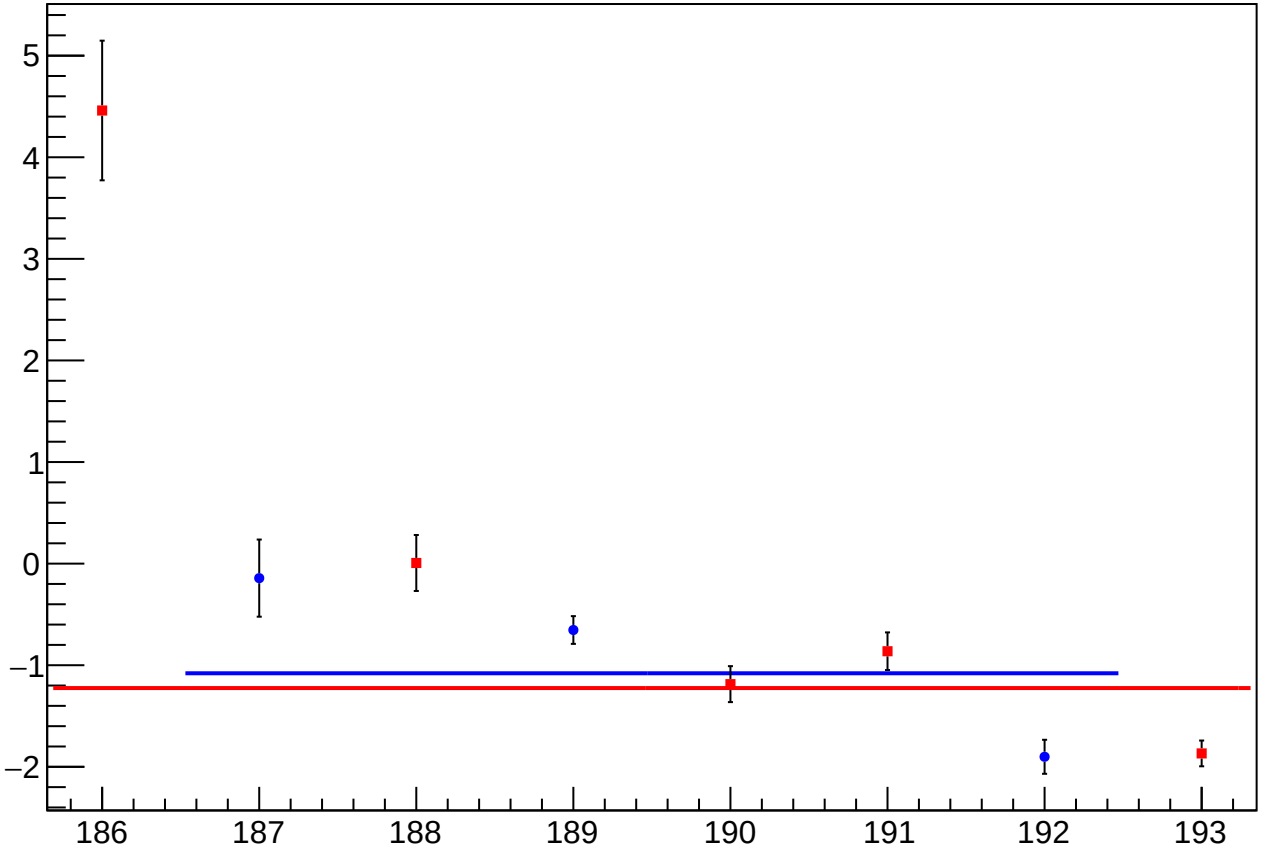
Right: 43.604+/-1.849 χ^2/NDF: 151.1/7

In: 47.066+/-2.715 χ^2/NDF:12.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 43.604+/-1.849 χ^2/NDF: 151.1/7

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.079+/-0.102 χ^2/NDF: 39.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.225+/-0.085 χ^2/NDF: 118.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

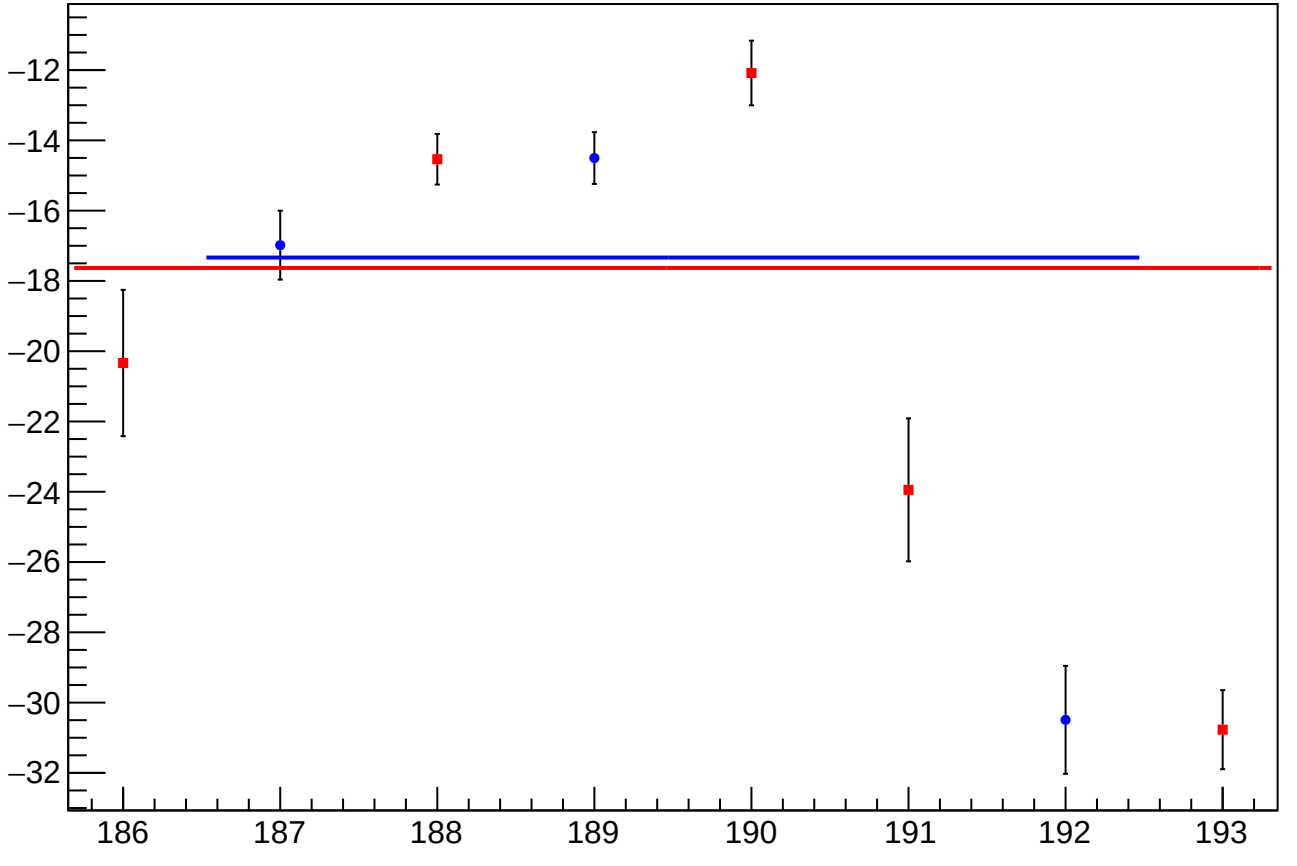
Right: -1.165+/-0.065 χ^2/NDF: 159.1/7

In: -1.079+/-0.102 χ^2/NDF:39.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.165+/-0.065 χ^2/NDF: 159.1/7

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.335+/-0.550 χ^2/NDF: 88.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17.631+/-0.478 χ^2/NDF: 202.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

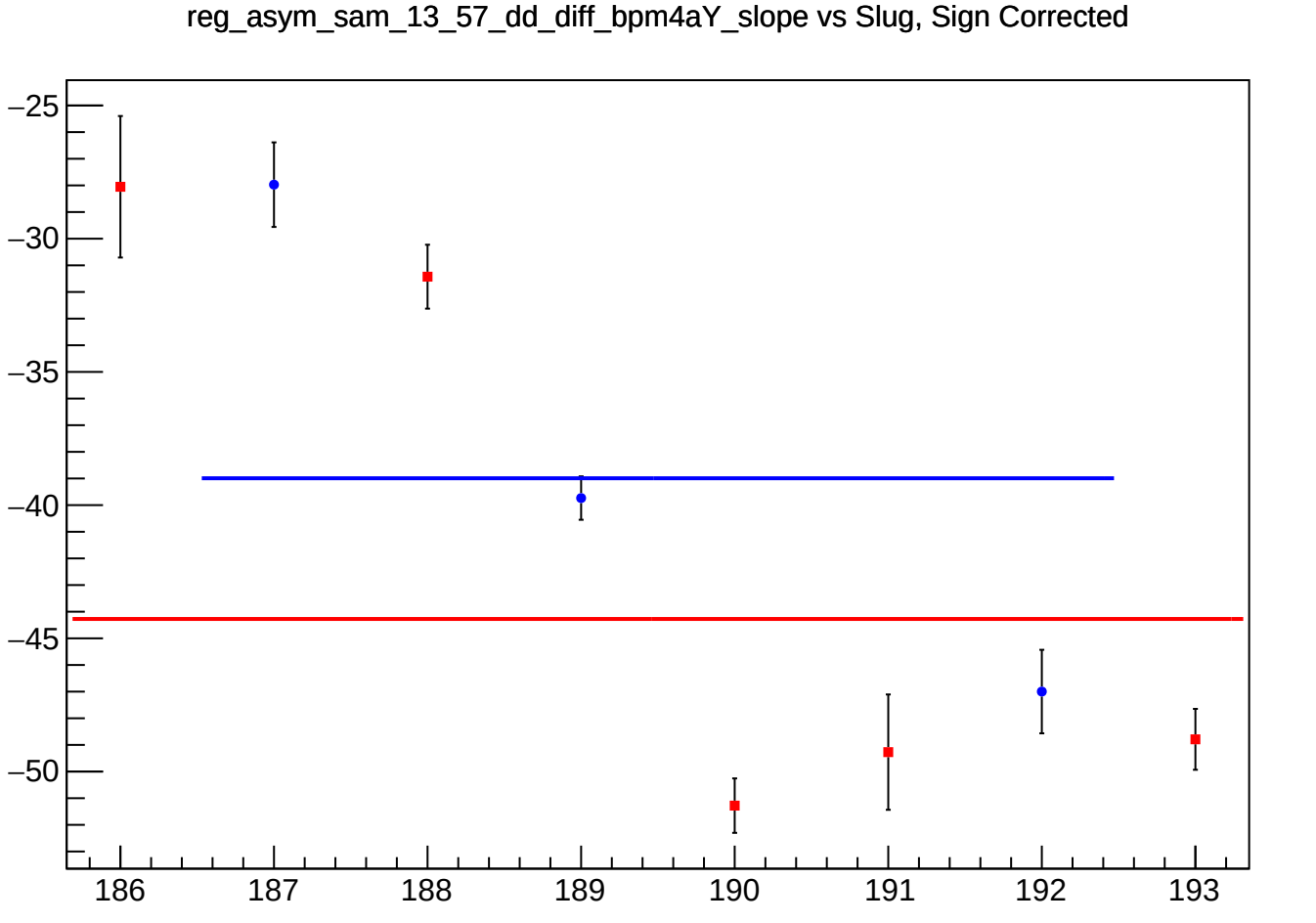
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -17.504+/-0.361 χ^2/NDF: 291.0/7

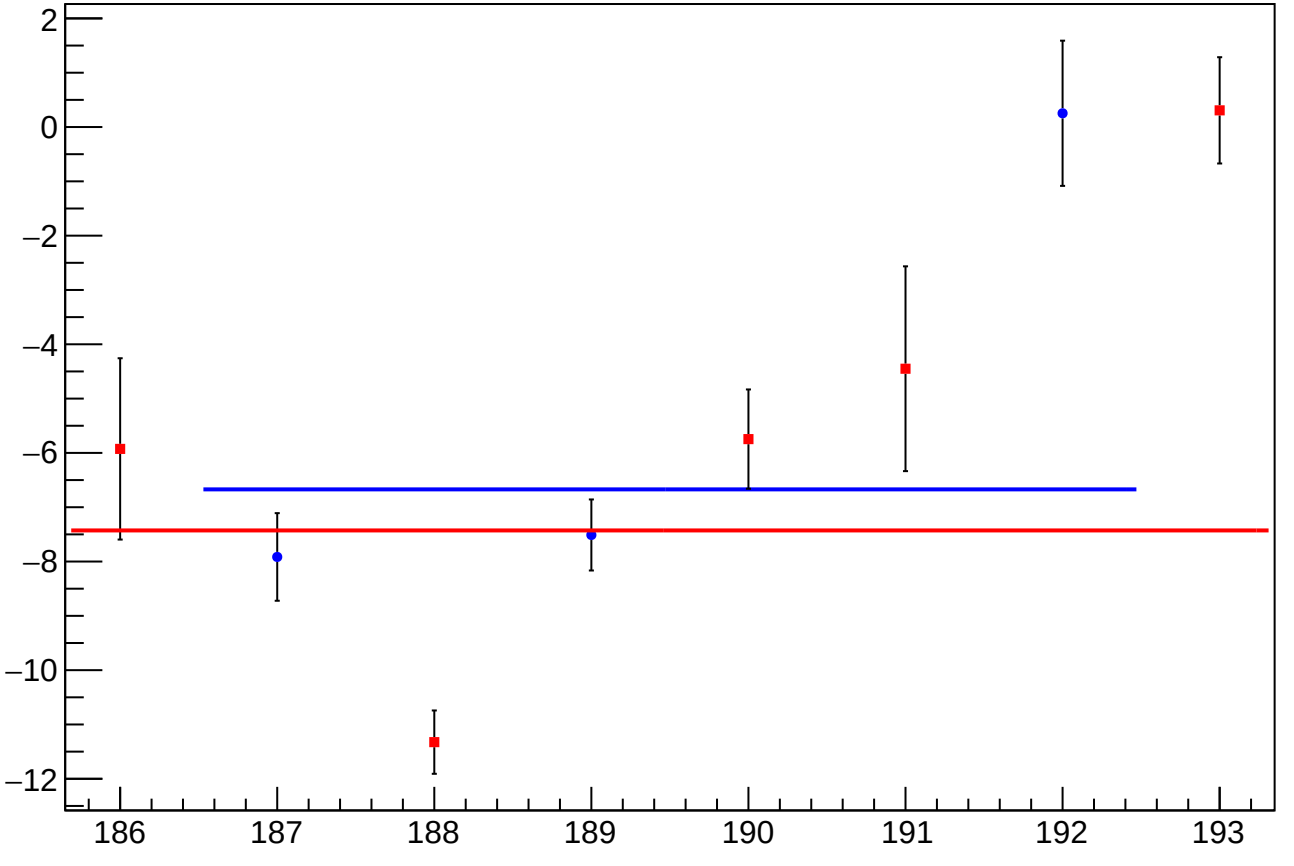
In: -17.335+/-0.550 χ^2/NDF:88.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -17.504+/-0.361 χ^2/NDF: 291.0/7


reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−25
−30
−35
−40
−45
−50
186
187
188
189
190
191
192
193
Right In: -38.992+/-0.658 χ²/NDF: 75.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -44.272+/-0.600 χ²/NDF: 220.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -41.872+/-0.443 χ²/NDF: 330.4/7
In: -38.992+/-0.658 χ²/NDF:75.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -41.872+/-0.443 χ²/NDF: 330.4/7

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.671+/-0.475 χ^2/NDF: 30.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.427+/-0.414 χ^2/NDF: 113.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

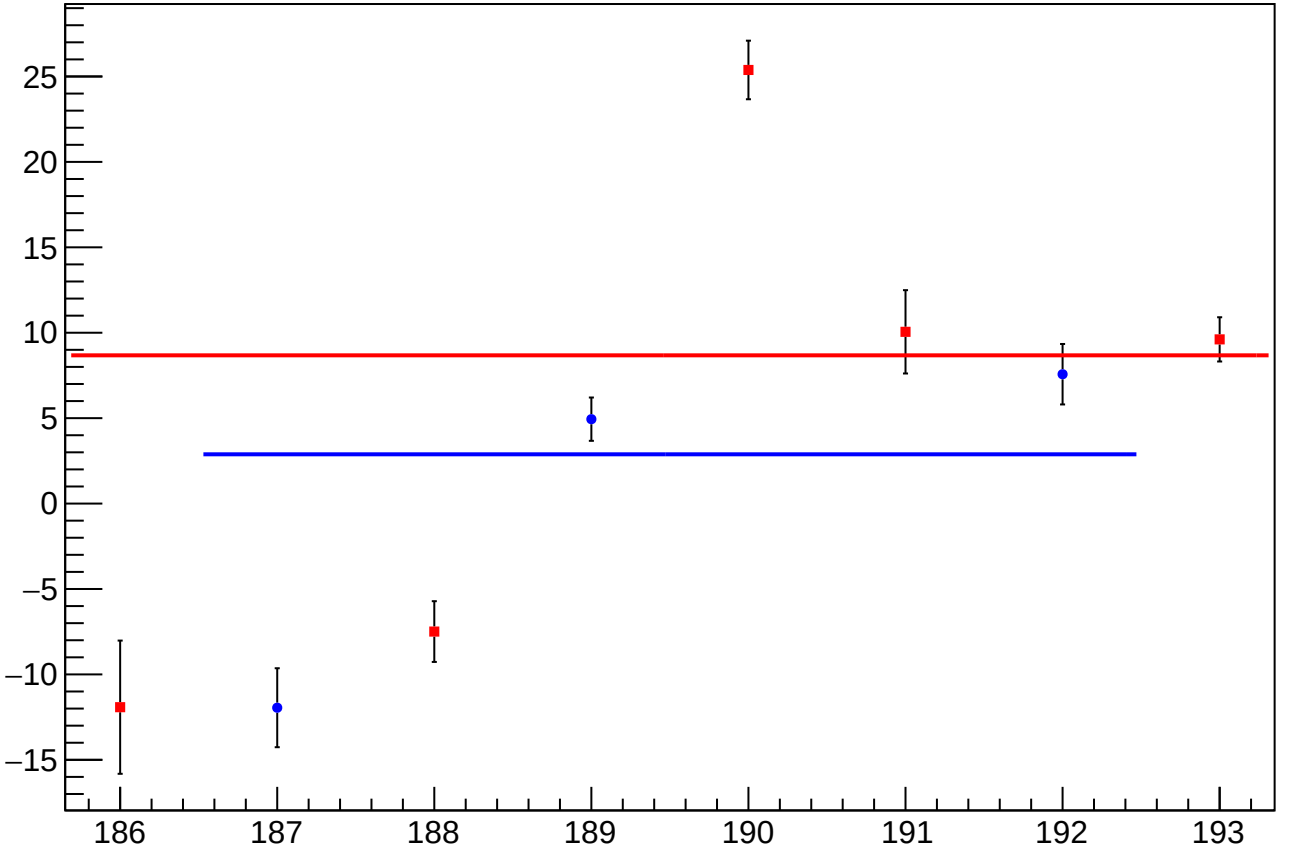
Right: -7.101+/-0.312 χ^2/NDF: 146.2/7

In: -6.671+/-0.475 χ^2/NDF:30.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.101+/-0.312 χ^2/NDF: 146.2/7

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.884+/-0.941 χ^2/NDF: 50.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.678+/-0.820 χ^2/NDF: 206.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

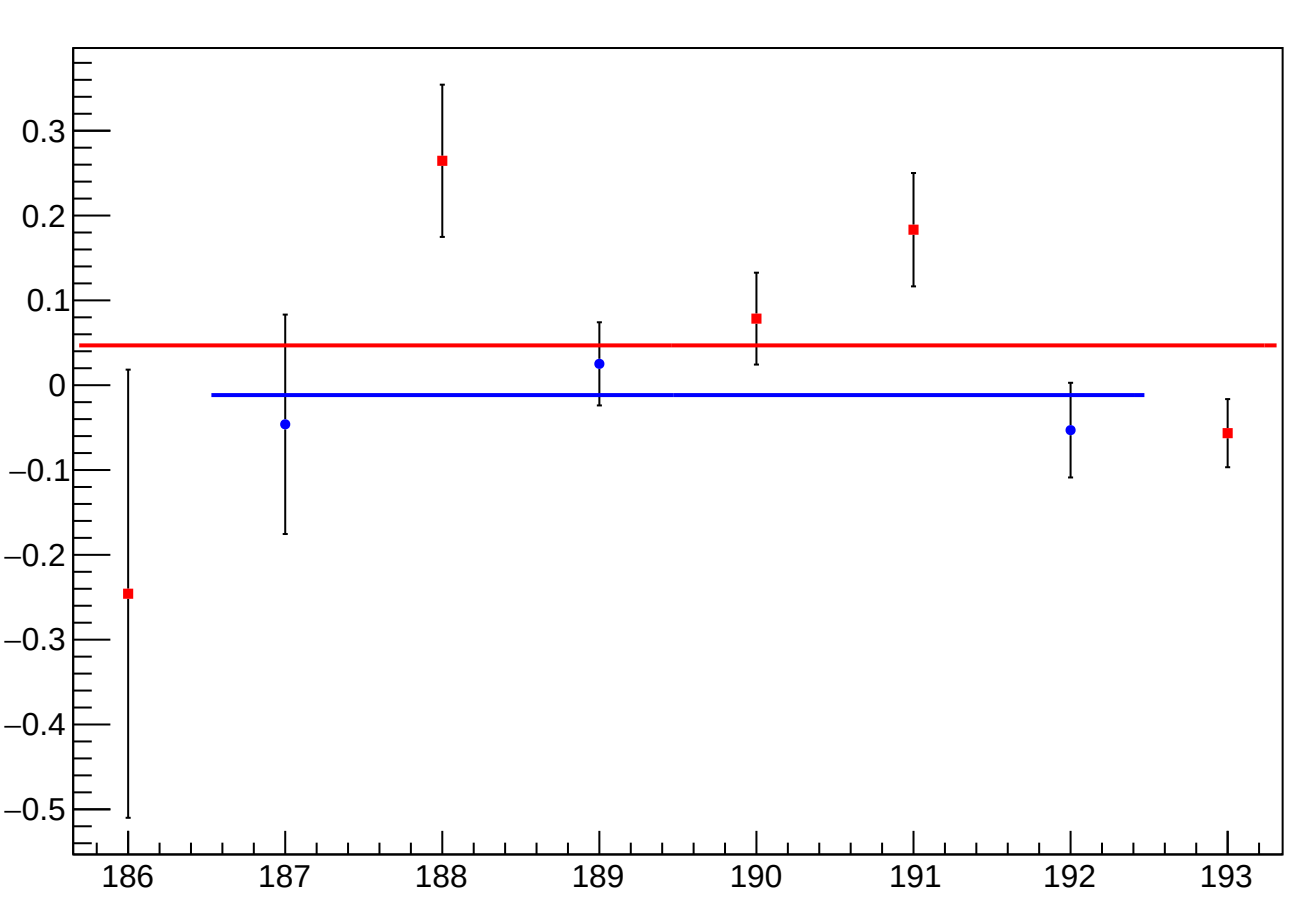
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6.177+/-0.618 χ^2/NDF: 278.7/7

In: 2.884+/-0.941 χ^2/NDF:50.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.177+/-0.618 χ^2/NDF: 278.7/7



Right In: -0.012+/-0.035 χ^2/NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.047+/-0.027 χ^2/NDF: 18.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

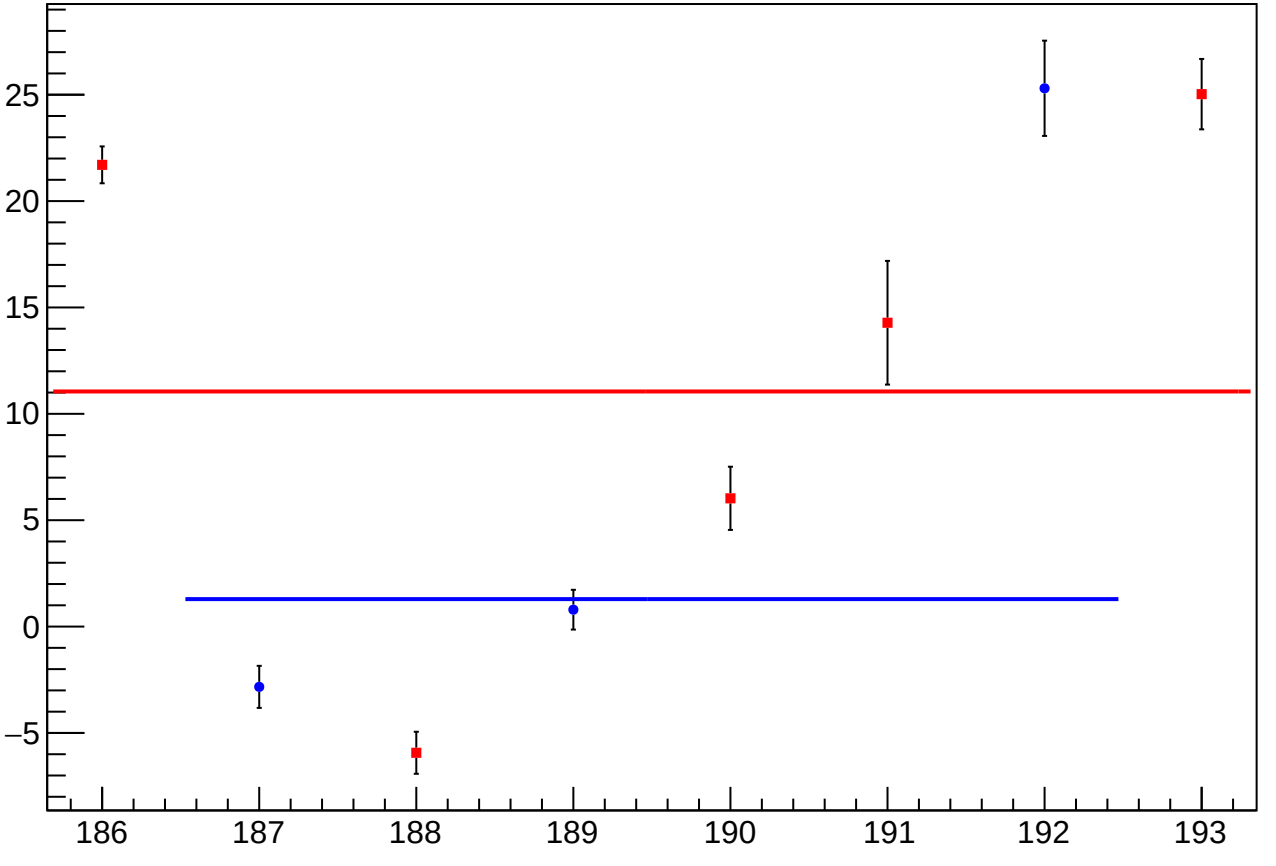
Right: 0.025+/-0.022 χ^2/NDF: 21.1/7

In: -0.012+/-0.035 χ^2/NDF:1.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.025+/-0.022 χ^2/NDF: 21.1/7

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.291+/-0.650 χ^2/NDF: 132.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.051+/-0.551 χ^2/NDF: 530.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

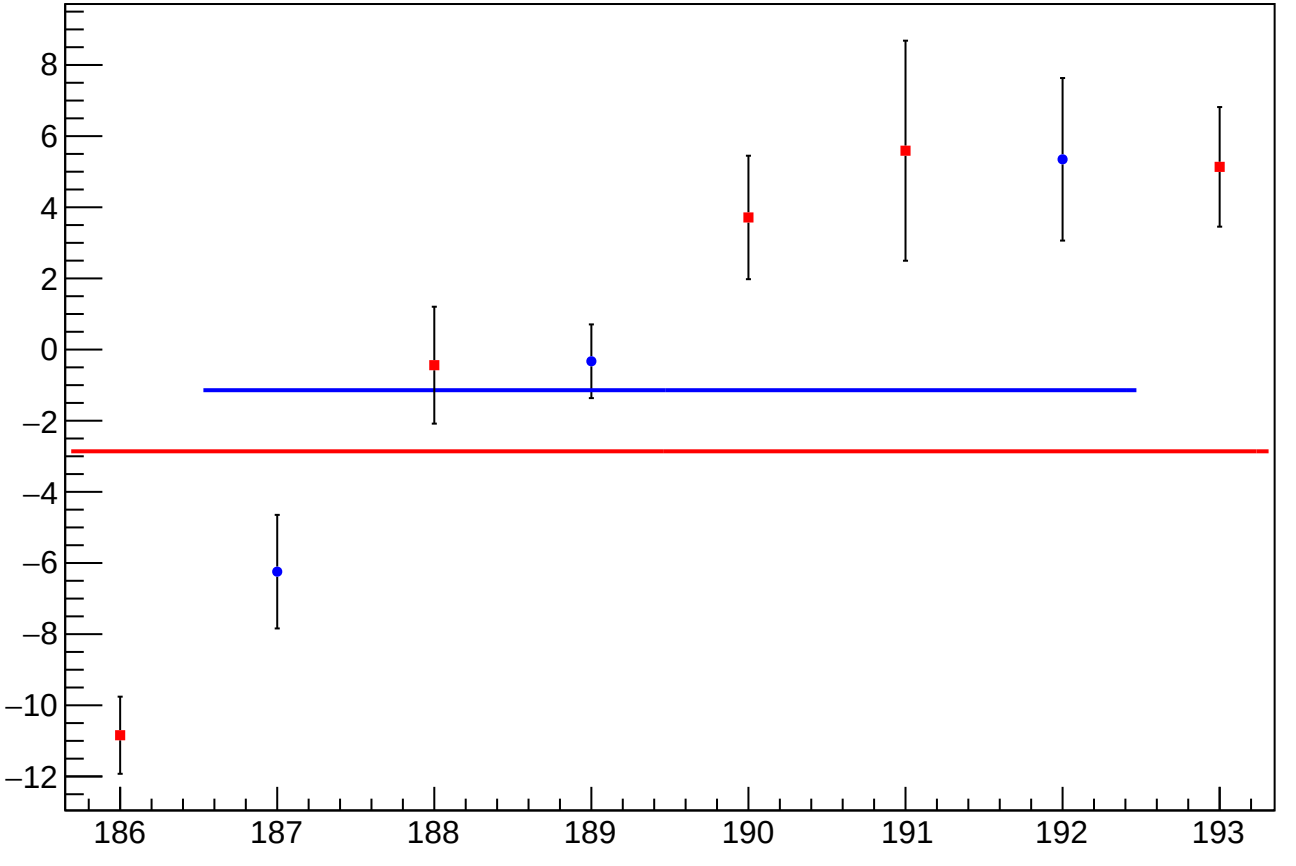
Right: 6.968+/-0.420 χ^2/NDF: 794.5/7

In: 1.291+/-0.650 χ^2/NDF:132.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.968+/-0.420 χ^2/NDF: 794.5/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.142+/-0.812 χ^2/NDF: 18.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.860+/-0.705 χ^2/NDF: 100.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

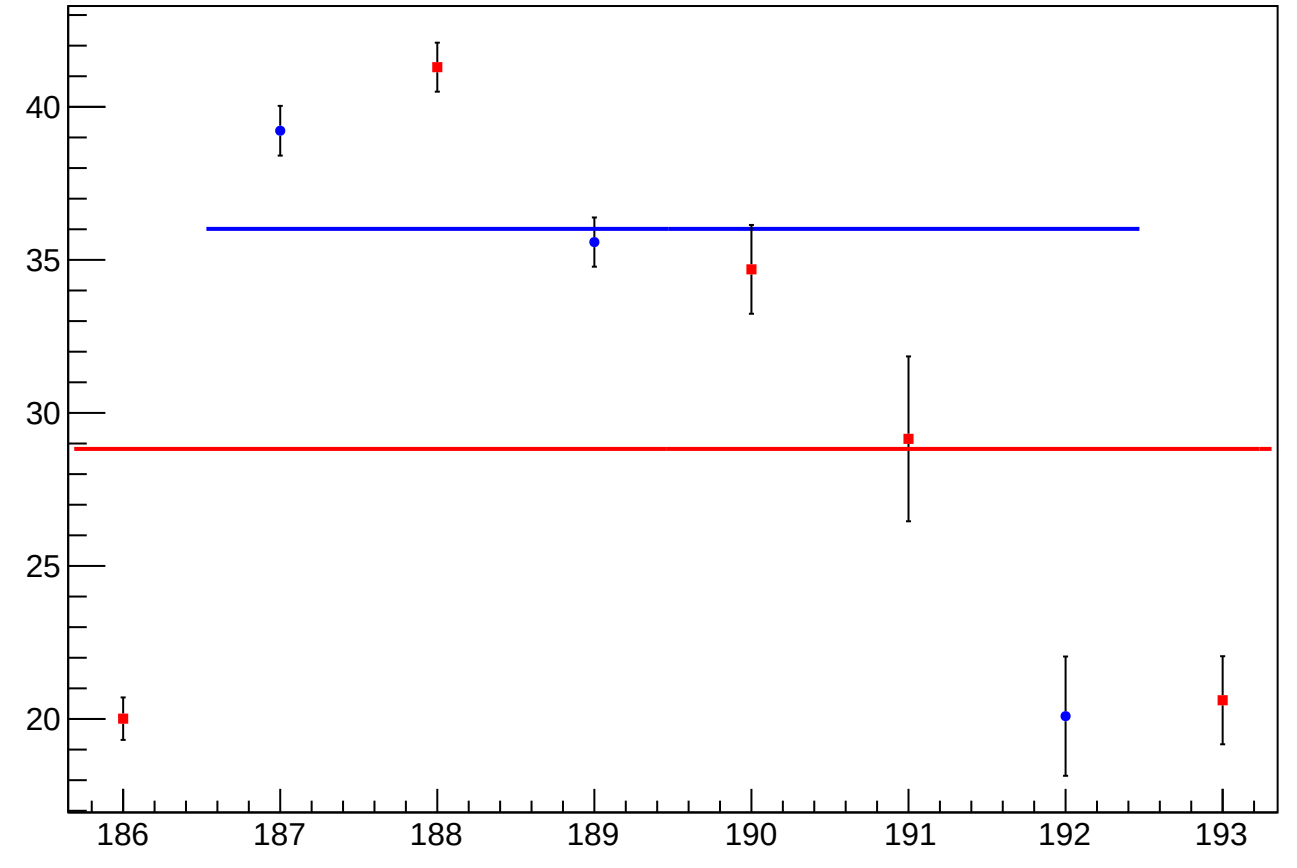
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

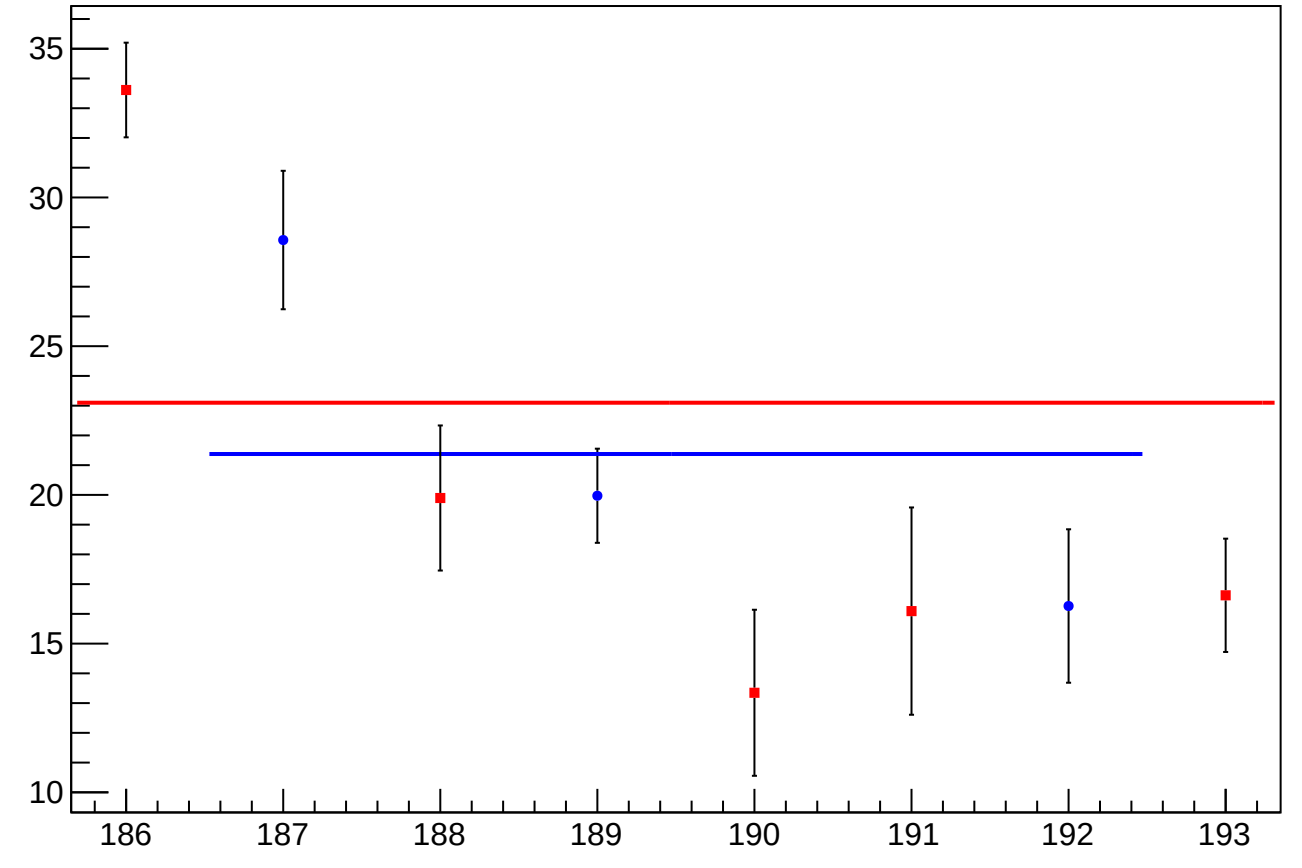
Right: -2.122+/-0.532 χ^2/NDF: 122.3/7

In: -1.142+/-0.812 χ^2/NDF:18.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.122+/-0.532 χ^2/NDF: 122.3/7


reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
40
35
30
25
20
186
187
188
189
190
191
192
193
Right In: 36.013+/-0.548 χ2/NDF: 82.6/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 28.824+/-0.460 χ2/NDF: 453.2/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 31.790+/-0.352 χ2/NDF: 636.8/7
In: 36.013+/-0.548 χ2/NDF:82.6/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 31.790+/-0.352 χ2/NDF: 636.8/7



Right In: 21.375+/-1.167 χ^2/NDF: 14.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.099+/-0.976 χ^2/NDF: 73.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

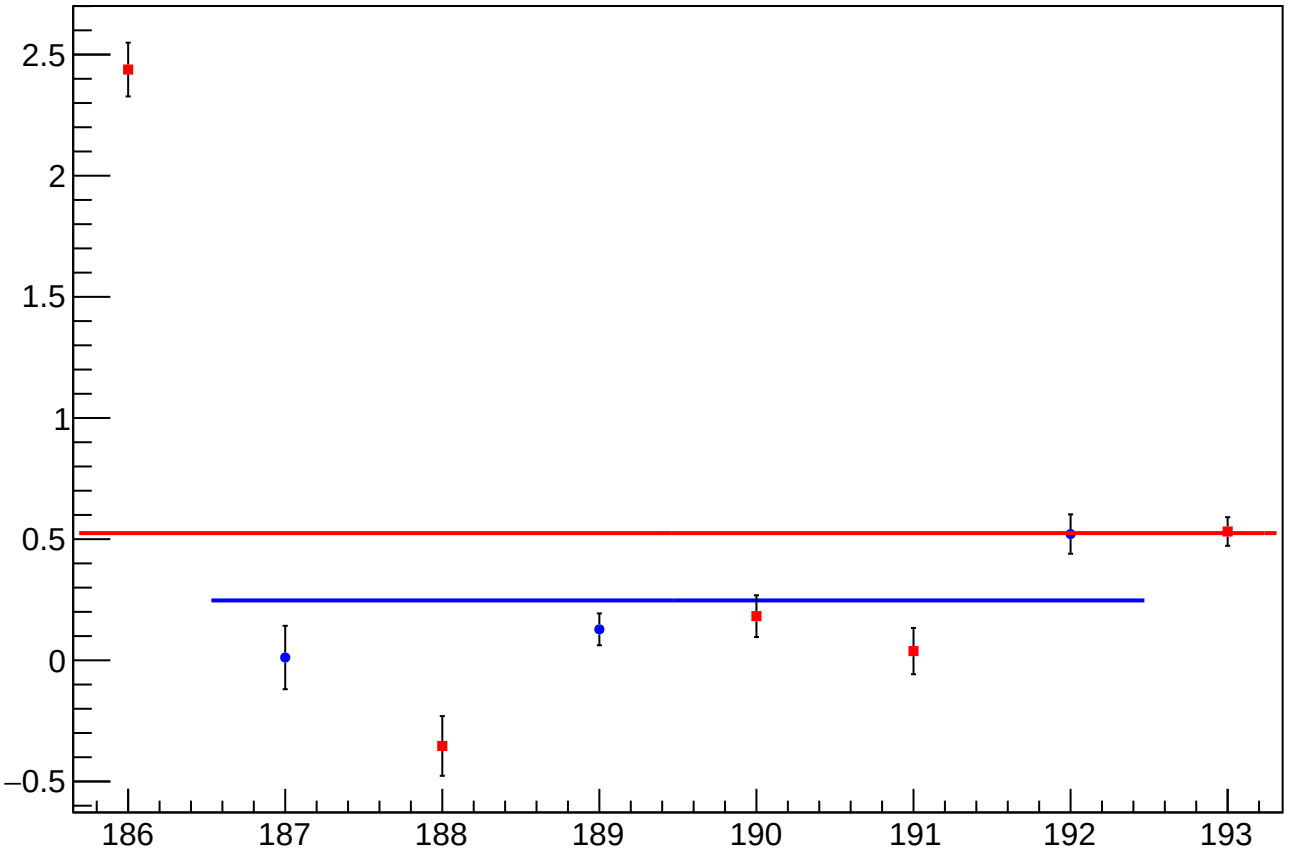
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 22.389+/-0.749 χ^2/NDF: 88.7/7

In: 21.375+/-1.167 χ^2/NDF:14.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.389+/-0.749 χ^2/NDF: 88.7/7



Right In: 0.247+/-0.048 χ^2/NDF: 17.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.525+/-0.038 χ^2/NDF: 389.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

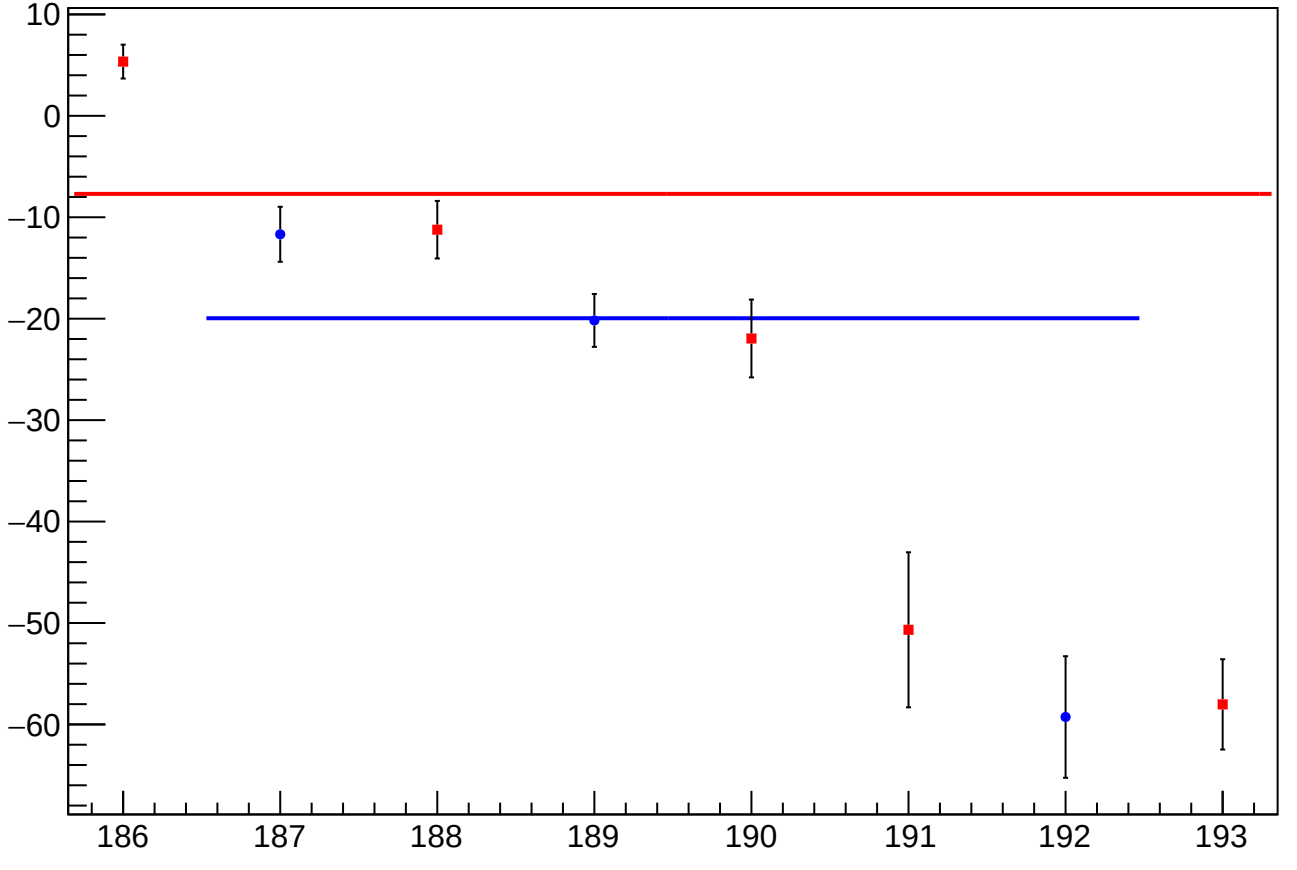
Right: 0.415+/-0.030 χ^2/NDF: 428.4/7

In: 0.247+/-0.048 χ^2/NDF:17.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.415+/-0.030 χ^2/NDF: 428.4/7

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.955+/-1.793 χ^2/NDF: 52.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.695+/-1.271 χ^2/NDF: 235.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

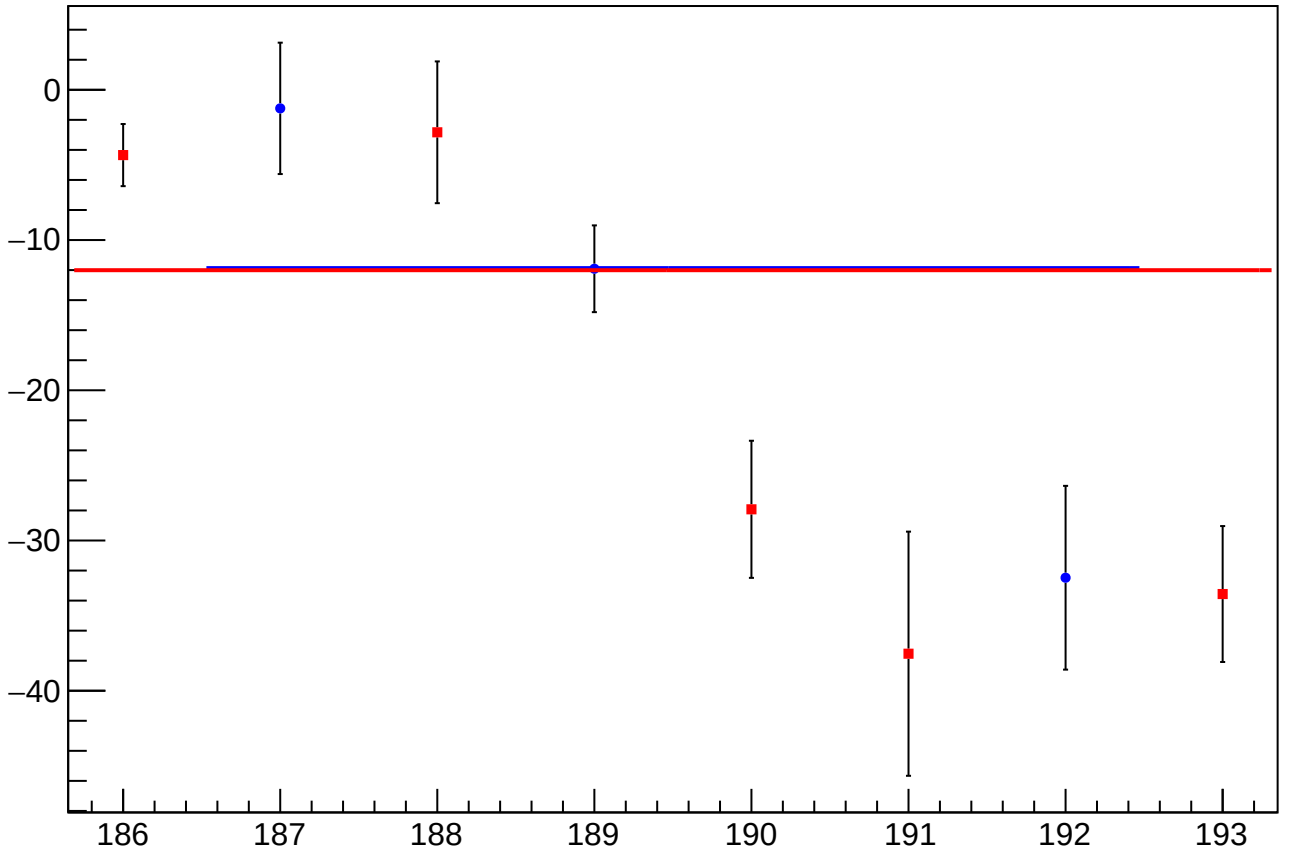
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.796+/-1.037 χ^2/NDF: 319.3/7

In: -19.955+/-1.793 χ^2/NDF:52.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.796+/-1.037 χ^2/NDF: 319.3/7



Right In: -11.869+/-2.242 χ^2/NDF: 17.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.007+/-1.600 χ^2/NDF: 62.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

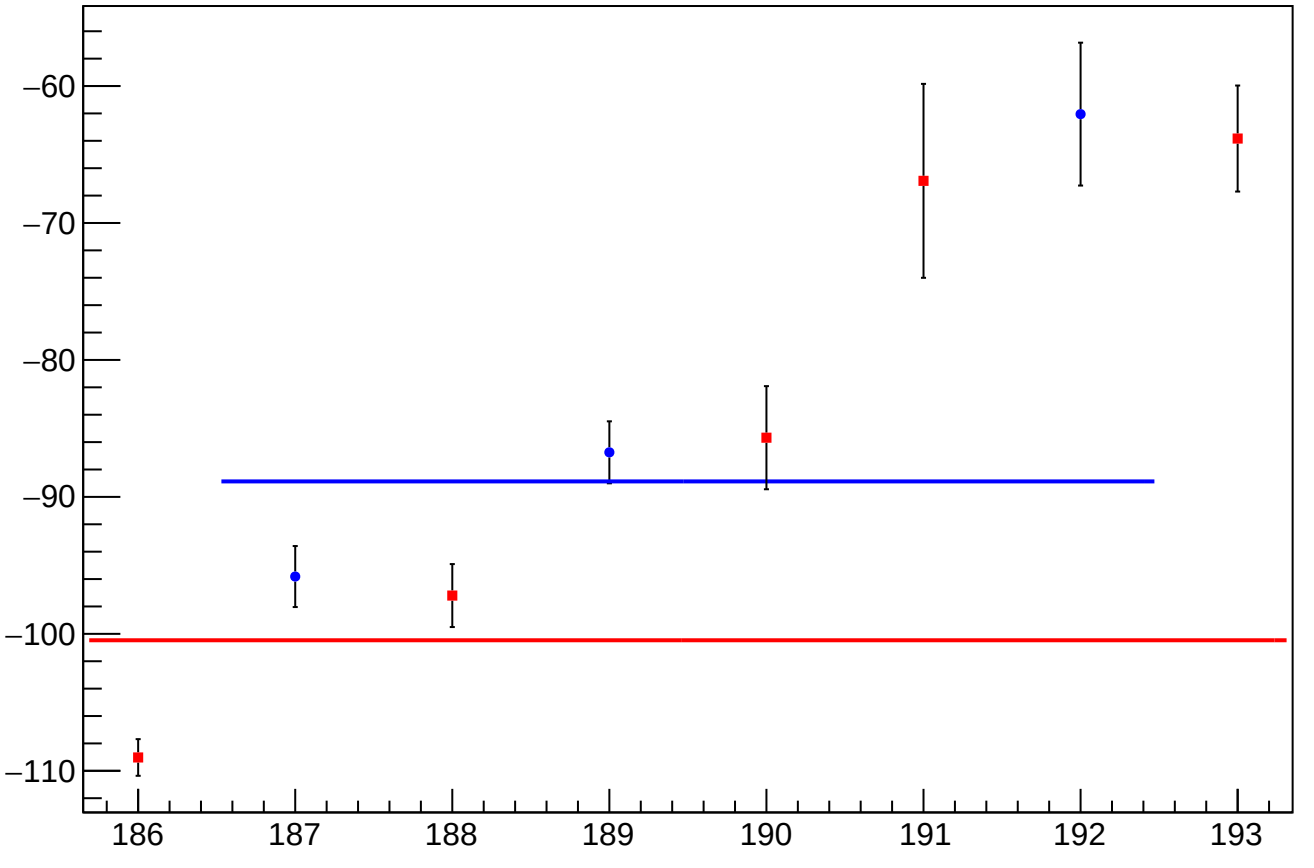
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.960+/-1.302 χ^2/NDF: 79.5/7

In: -11.869+/-2.242 χ^2/NDF:17.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.960+/-1.302 χ^2/NDF: 79.5/7



Right In: -88.869+/-1.519 χ^2/NDF: 37.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -100.468+/-1.052 χ^2/NDF: 170.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

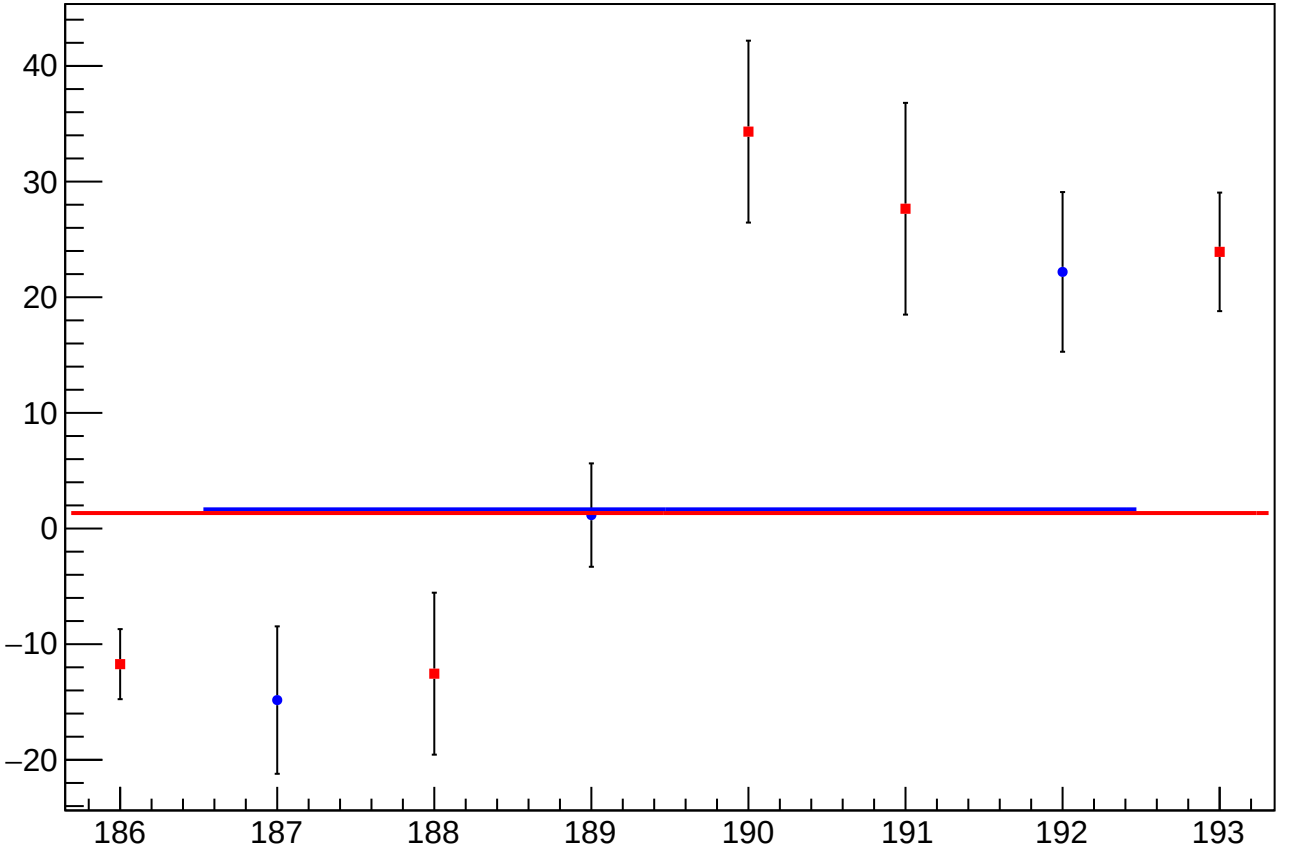
Right: -96.710+/-0.865 χ^2/NDF: 246.8/7

In: -88.869+/-1.519 χ^2/NDF:37.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -96.710+/-0.865 χ^2/NDF: 246.8/7

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.659+/-3.234 χ^2/NDF: 15.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.339+/-2.261 χ^2/NDF: 67.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

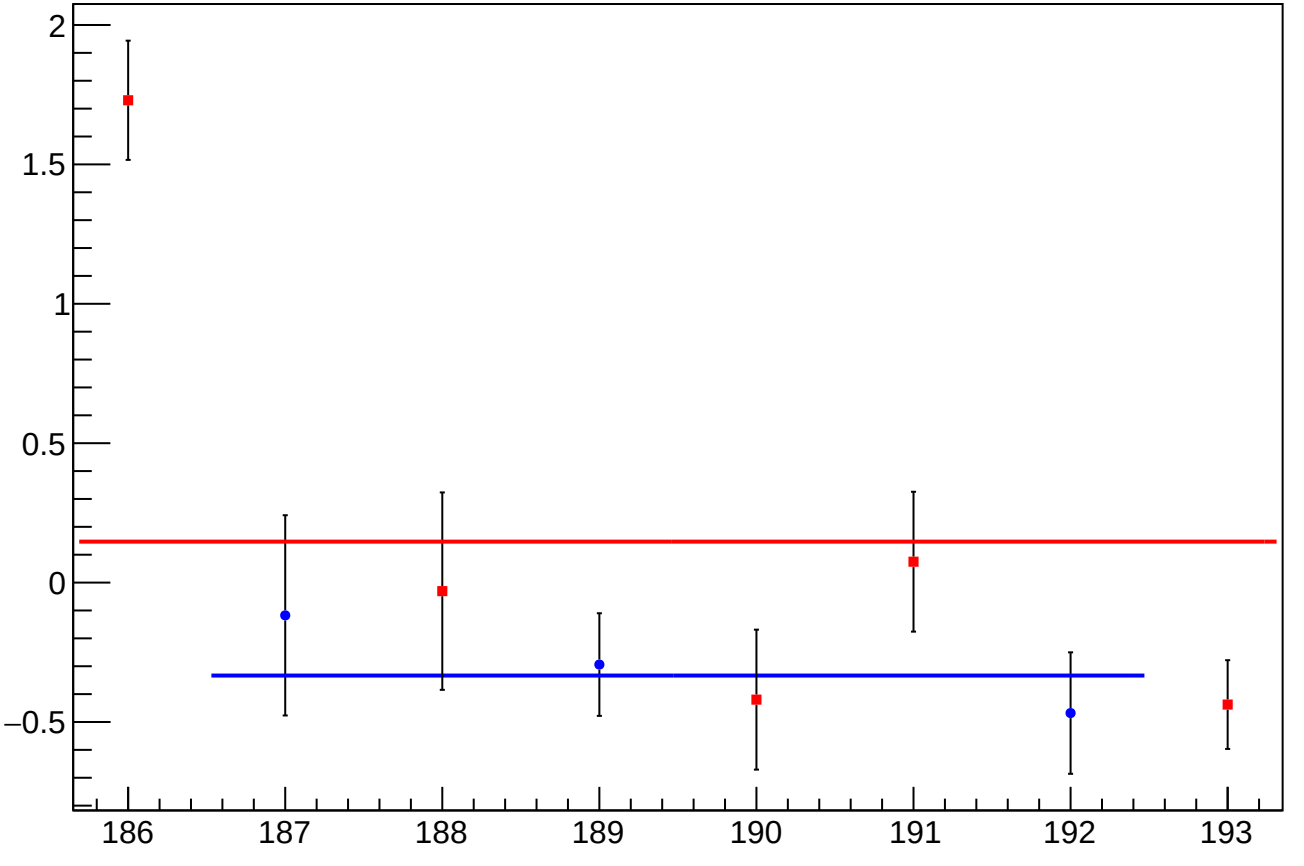
Right: 1.444+/-1.853 χ^2/NDF: 83.4/7

In: 1.659+/-3.234 χ^2/NDF:15.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.444+/-1.853 χ^2/NDF: 83.4/7

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.333+/-0.131 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.147+/-0.099 χ^2/NDF: 73.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

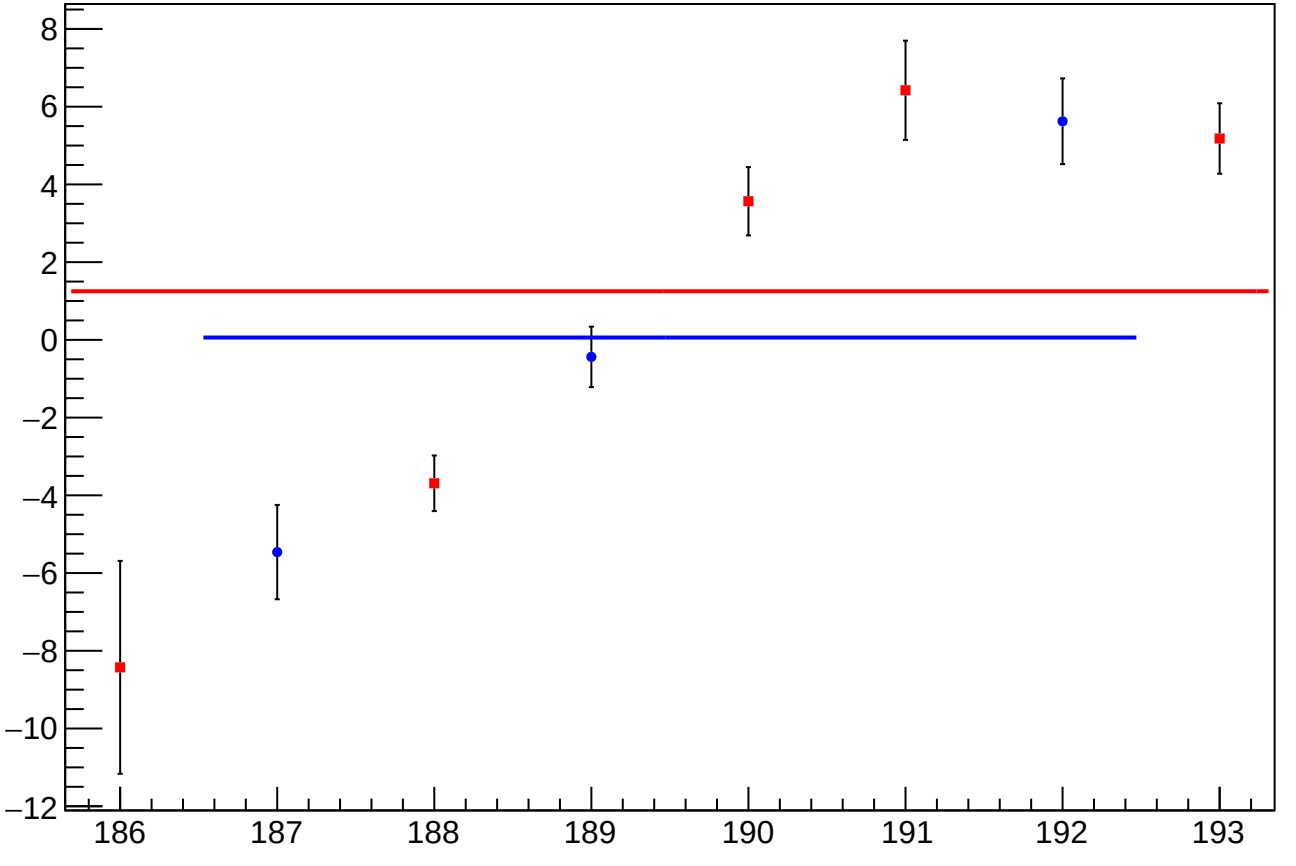
Right: -0.029+/-0.079 χ^2/NDF: 83.1/7

In: -0.333+/-0.131 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.029+/-0.079 χ^2/NDF: 83.1/7

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.060+/-0.563 χ^2/NDF: 46.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.251+/-0.438 χ^2/NDF: 102.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

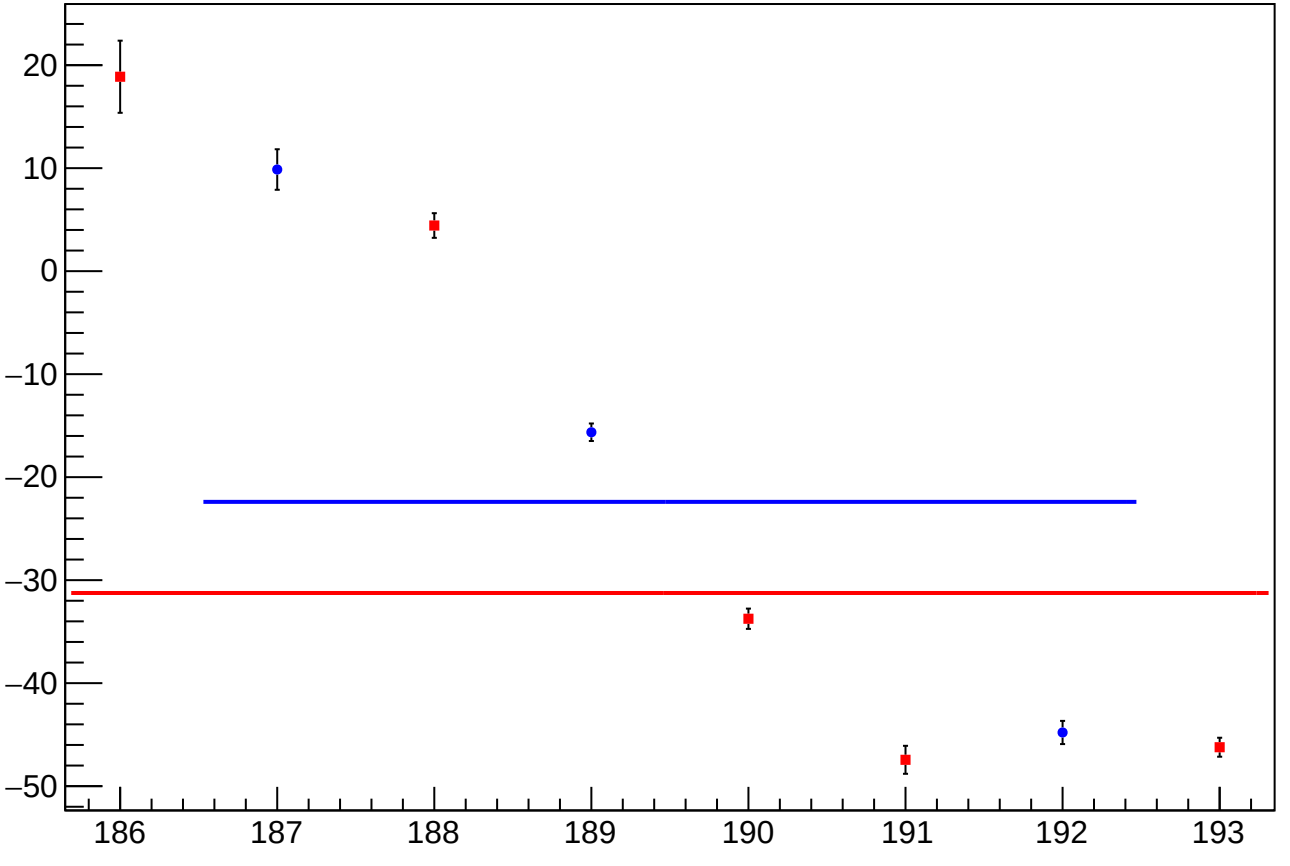
Right: 0.803+/-0.346 χ^2/NDF: 151.7/7

In: 0.060+/-0.563 χ^2/NDF:46.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.803+/-0.346 χ^2/NDF: 151.7/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.399+/-0.642 χ^2/NDF: 727.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.246+/-0.532 χ^2/NDF: 1506.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

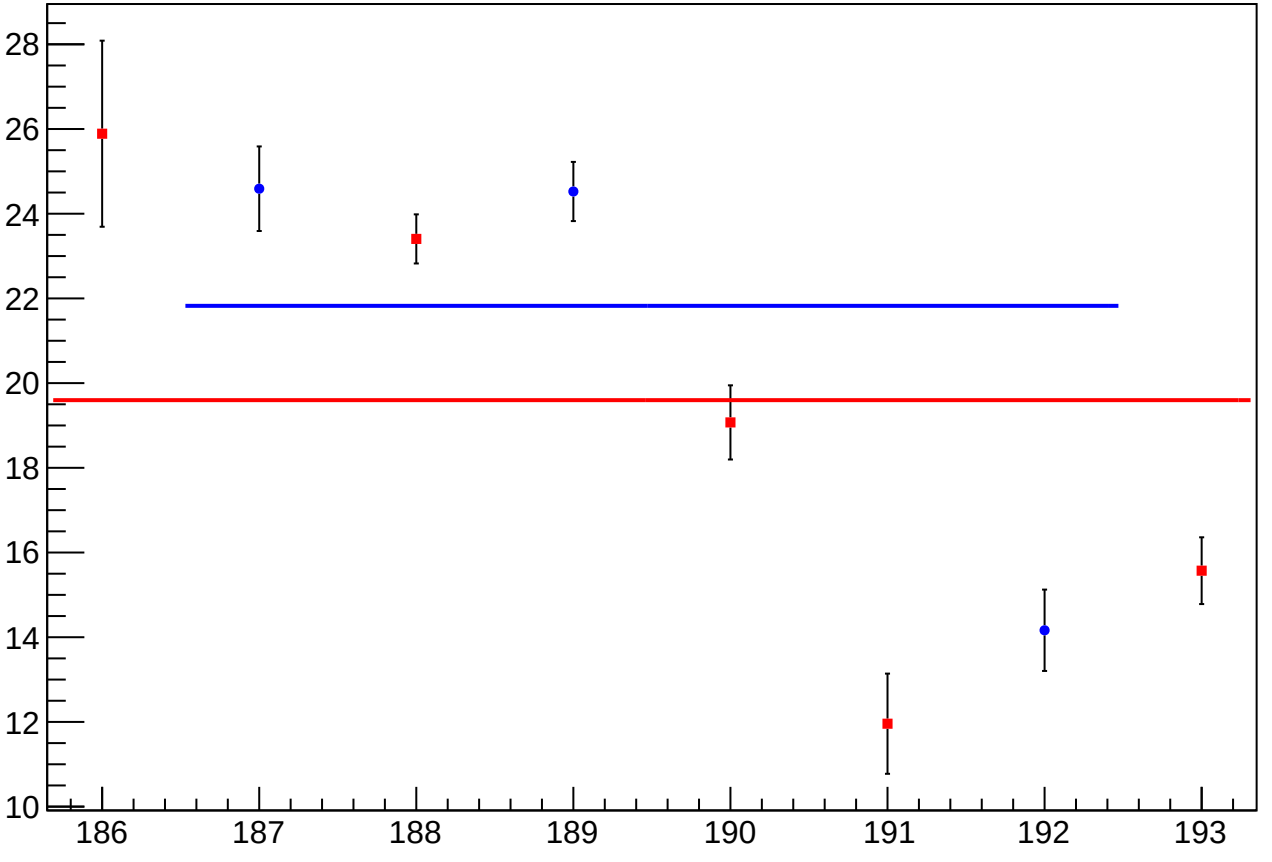
Right: -27.641+/-0.410 χ^2/NDF: 2346.7/7

In: -22.399+/-0.642 χ^2/NDF:727.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.641+/-0.410 χ^2/NDF: 2346.7/7

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 21.825+/-0.492 χ^2/NDF: 86.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.598+/-0.383 χ^2/NDF: 119.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

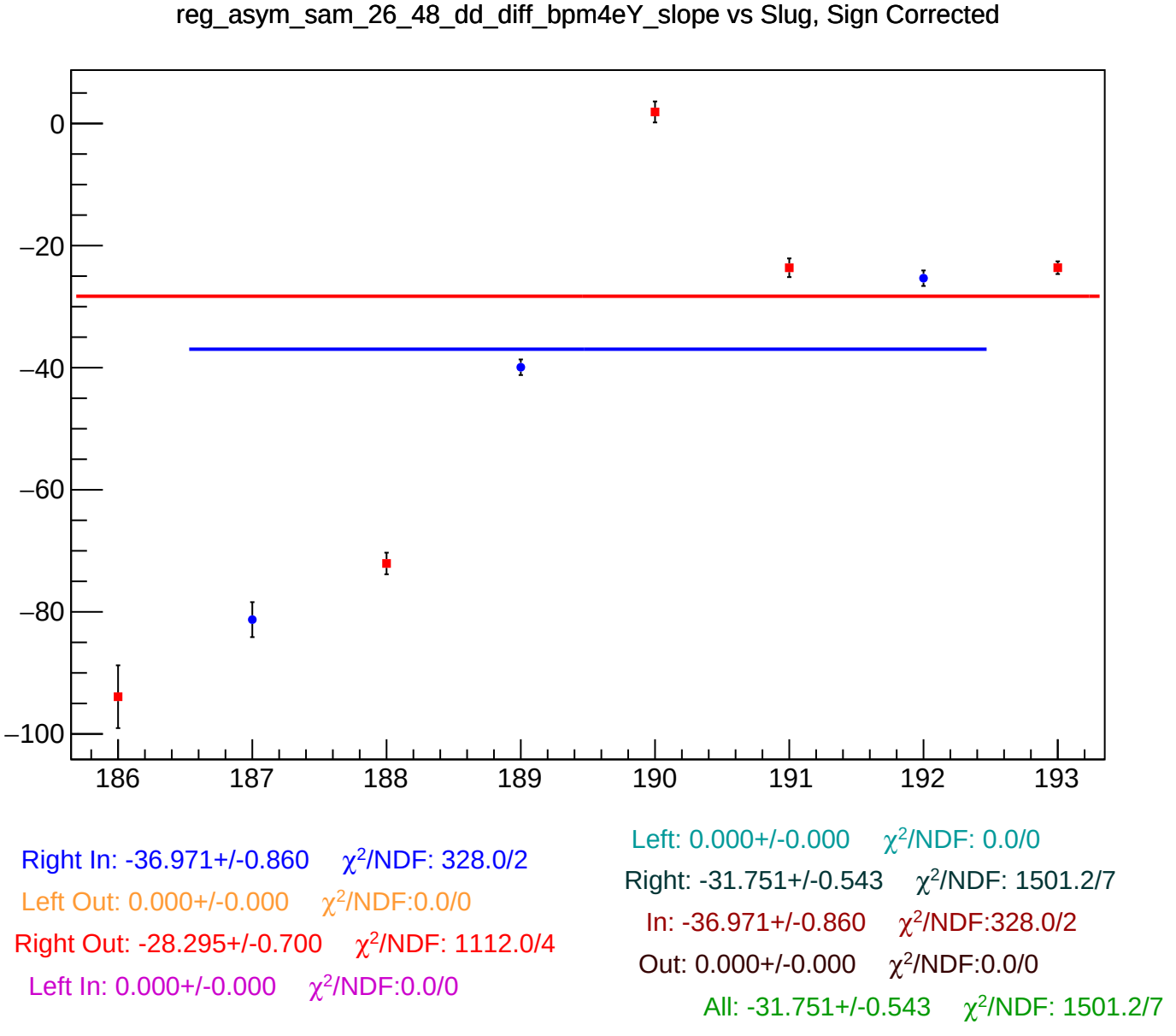
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.439+/-0.302 χ^2/NDF: 218.5/7

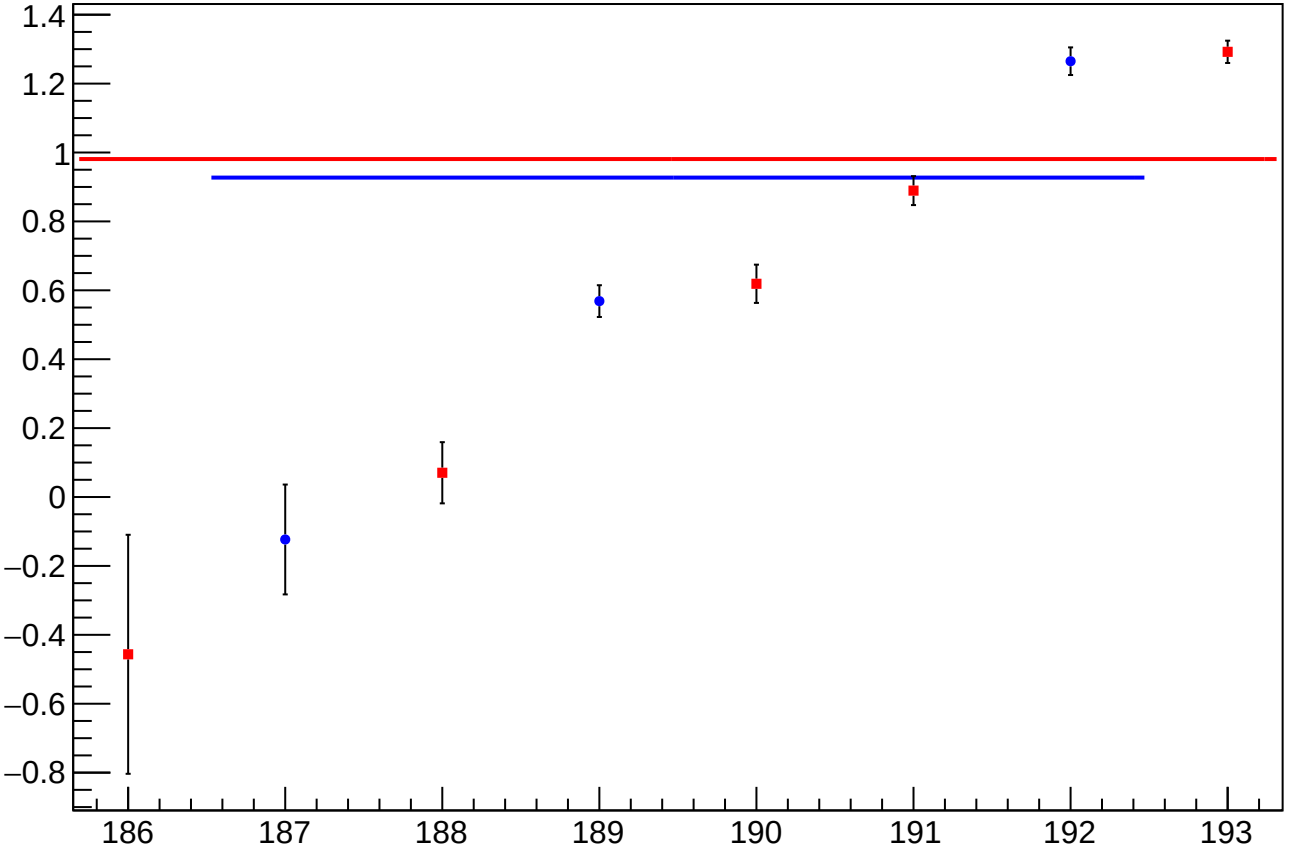
In: 21.825+/-0.492 χ^2/NDF:86.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.439+/-0.302 χ^2/NDF: 218.5/7


reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
0
−20
−40
−60
−80
−100
186
187
188
189
190
191
192
193
Right In: -36.971+/-0.860 χ²/NDF: 328.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -28.295+/-0.700 χ²/NDF: 1112.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -31.751+/-0.543 χ²/NDF: 1501.2/7
In: -36.971+/-0.860 χ²/NDF:328.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -31.751+/-0.543 χ²/NDF: 1501.2/7

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.927+/-0.030 χ^2/NDF: 174.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.981+/-0.022 χ^2/NDF: 262.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

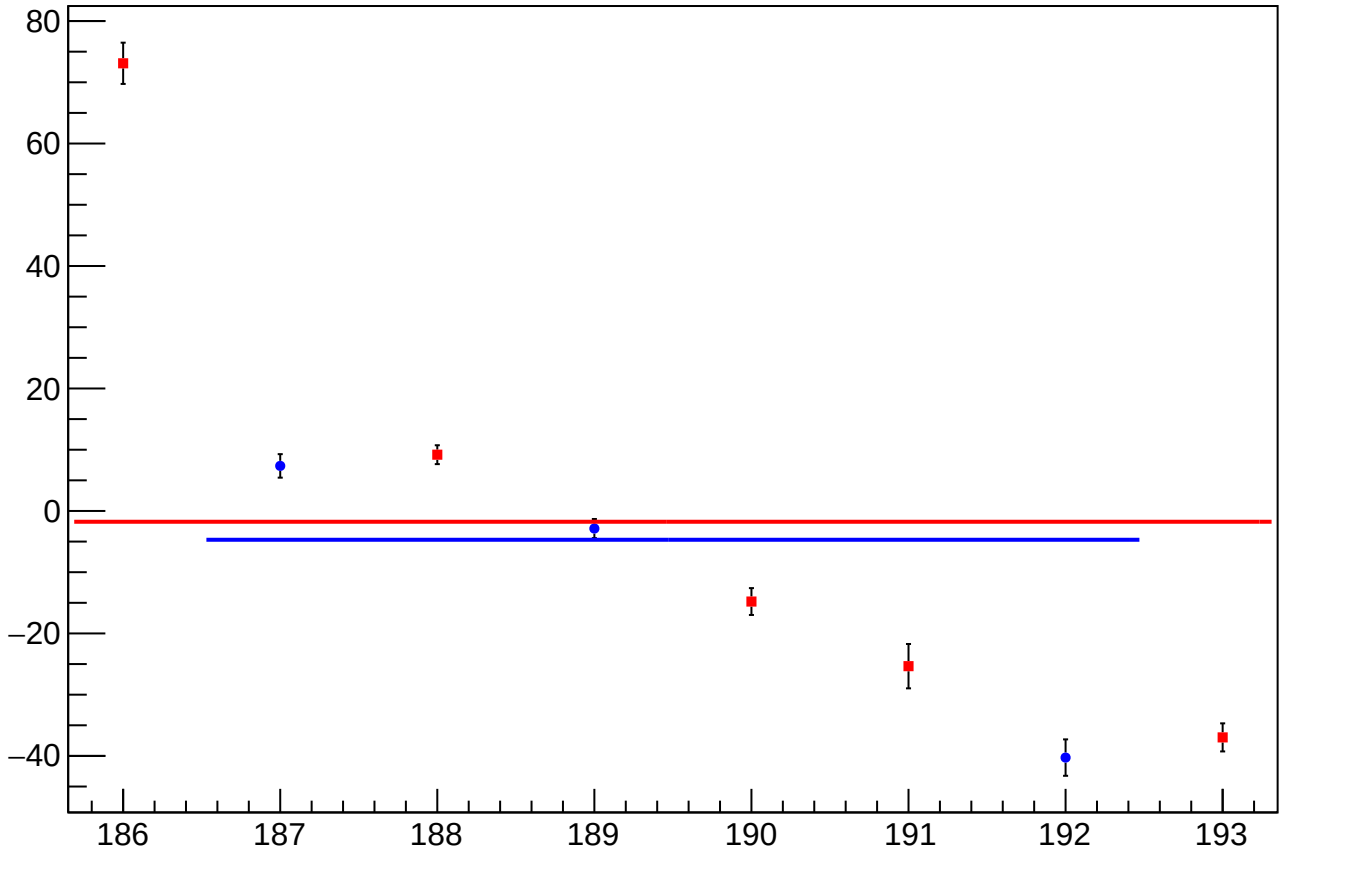
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.961+/-0.018 χ^2/NDF: 438.9/7

In: 0.927+/-0.030 χ^2/NDF:174.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.961+/-0.018 χ^2/NDF: 438.9/7



Right In: -4.703+/-1.122 χ^2/NDF: 183.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.762+/-1.008 χ^2/NDF: 858.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

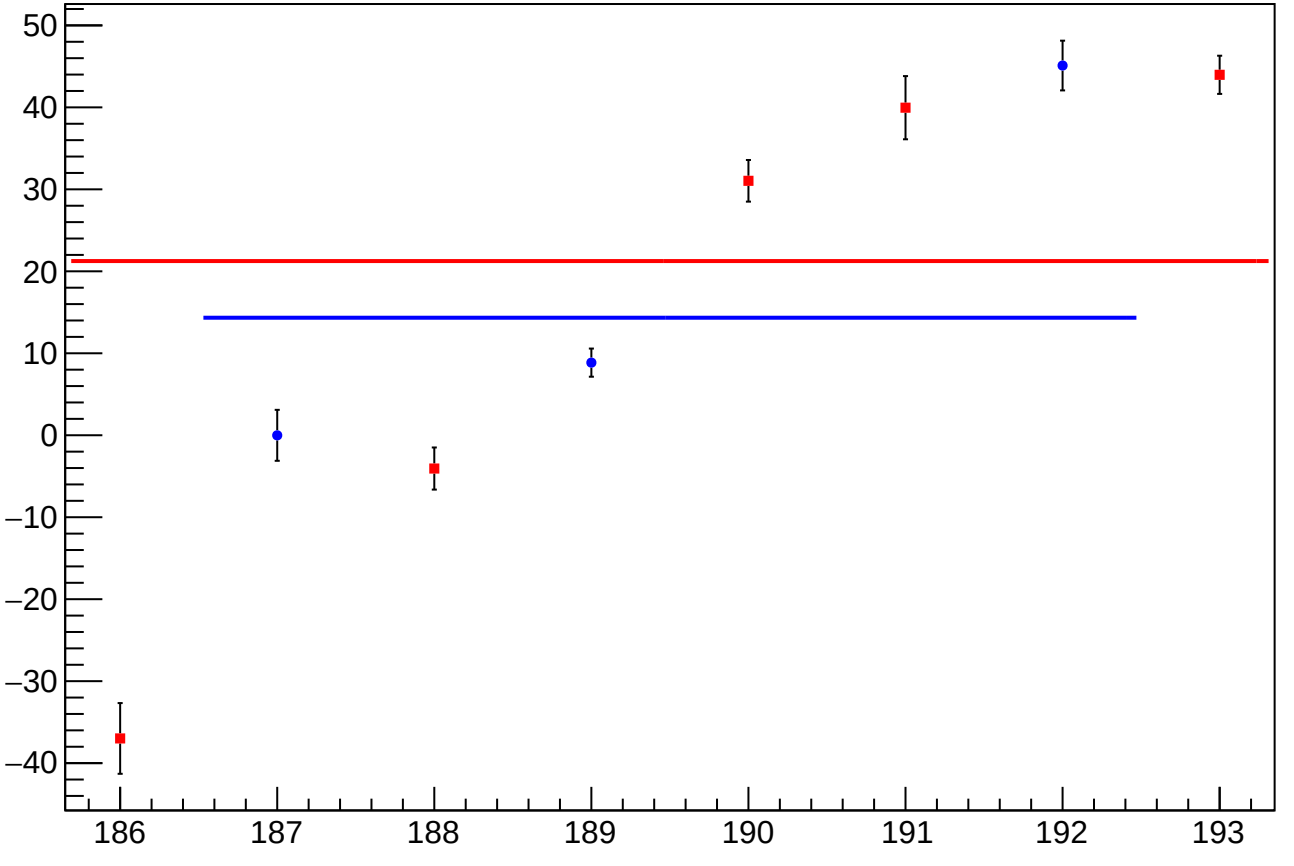
Right: -3.077+/-0.750 χ^2/NDF: 1045.7/7

In: -4.703+/-1.122 χ^2/NDF:183.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.077+/-0.750 χ^2/NDF: 1045.7/7

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.338+/-1.347 χ^2/NDF: 134.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 21.250+/-1.278 χ^2/NDF: 412.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

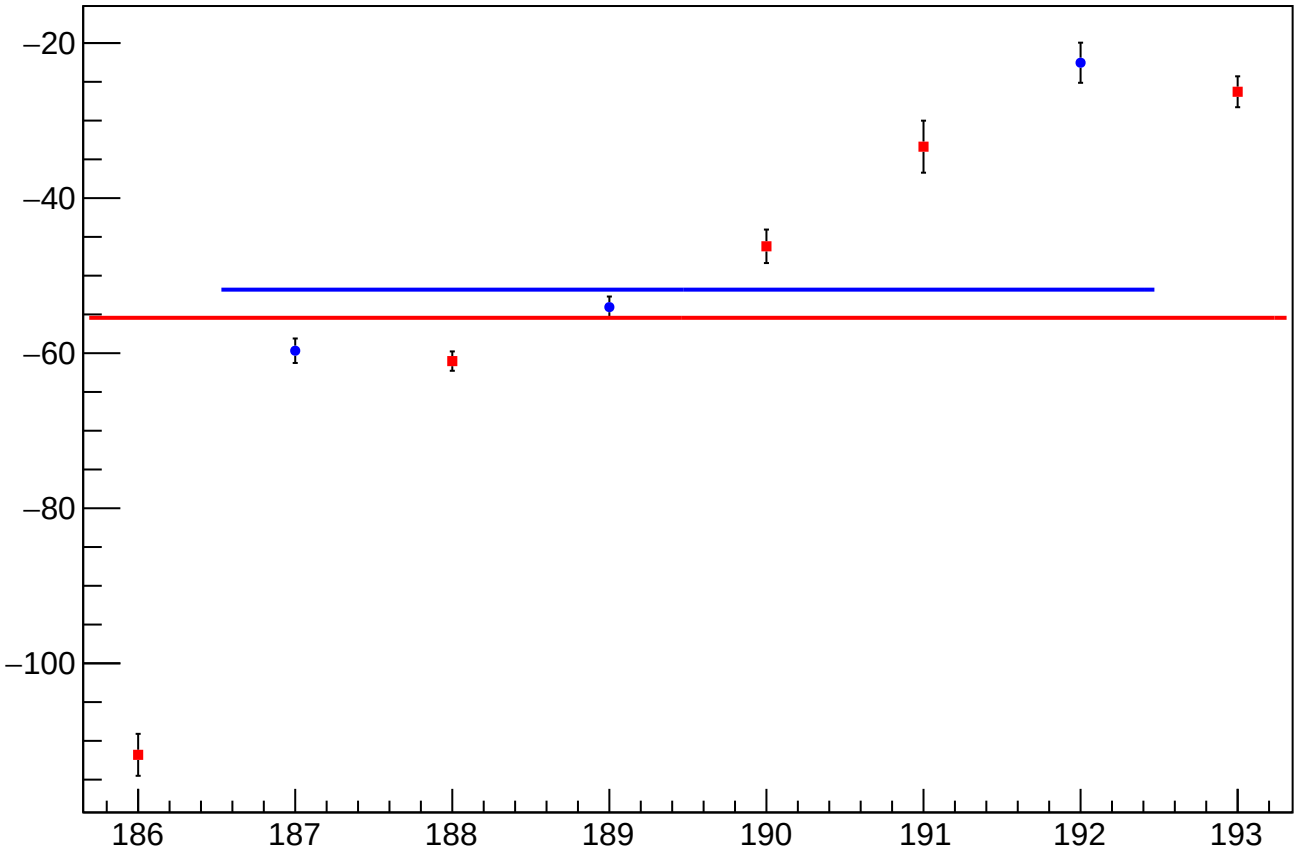
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

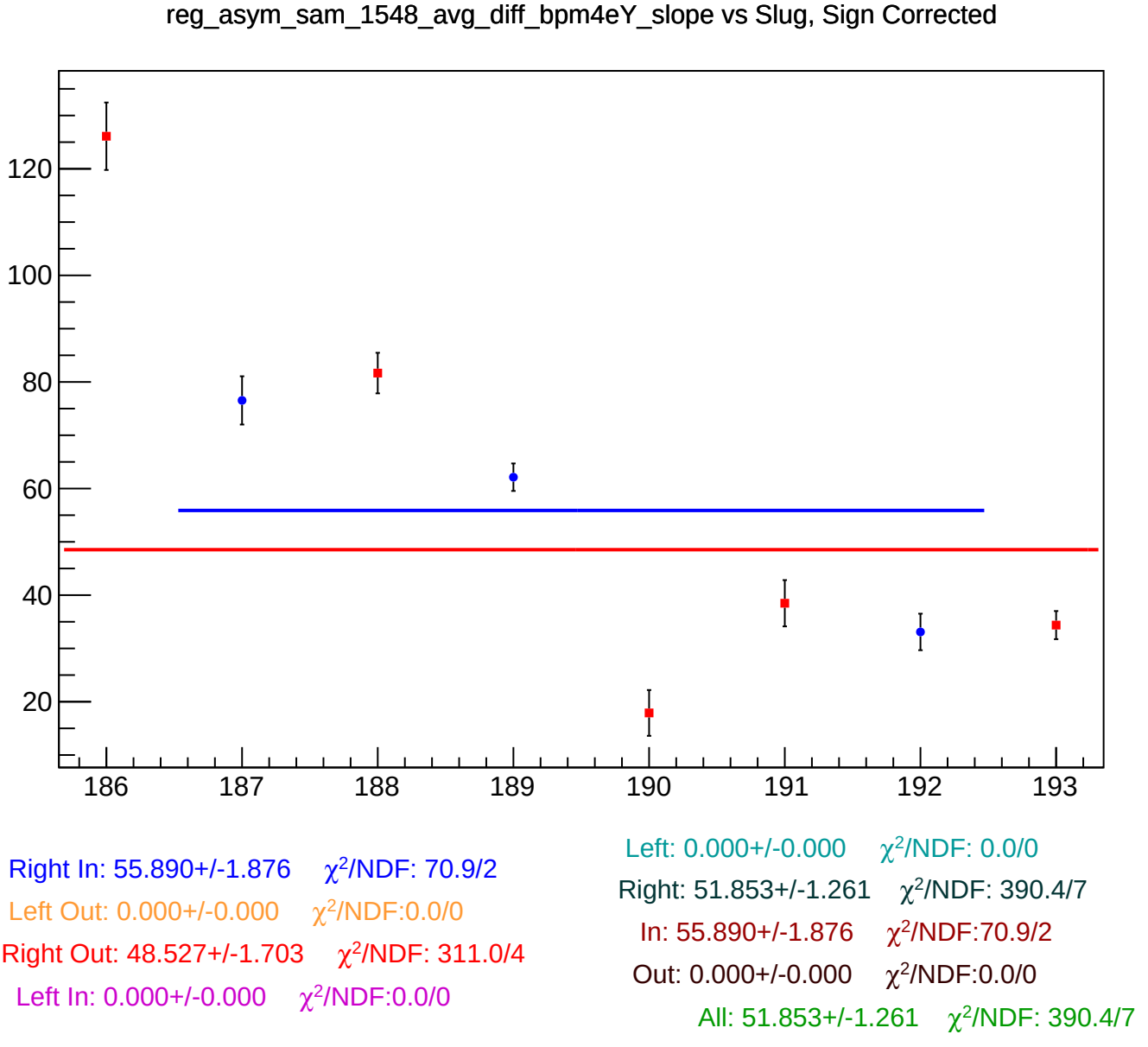
Right: 17.974+/-0.927 χ^2/NDF: 561.0/7

In: 14.338+/-1.347 χ^2/NDF:134.3/2

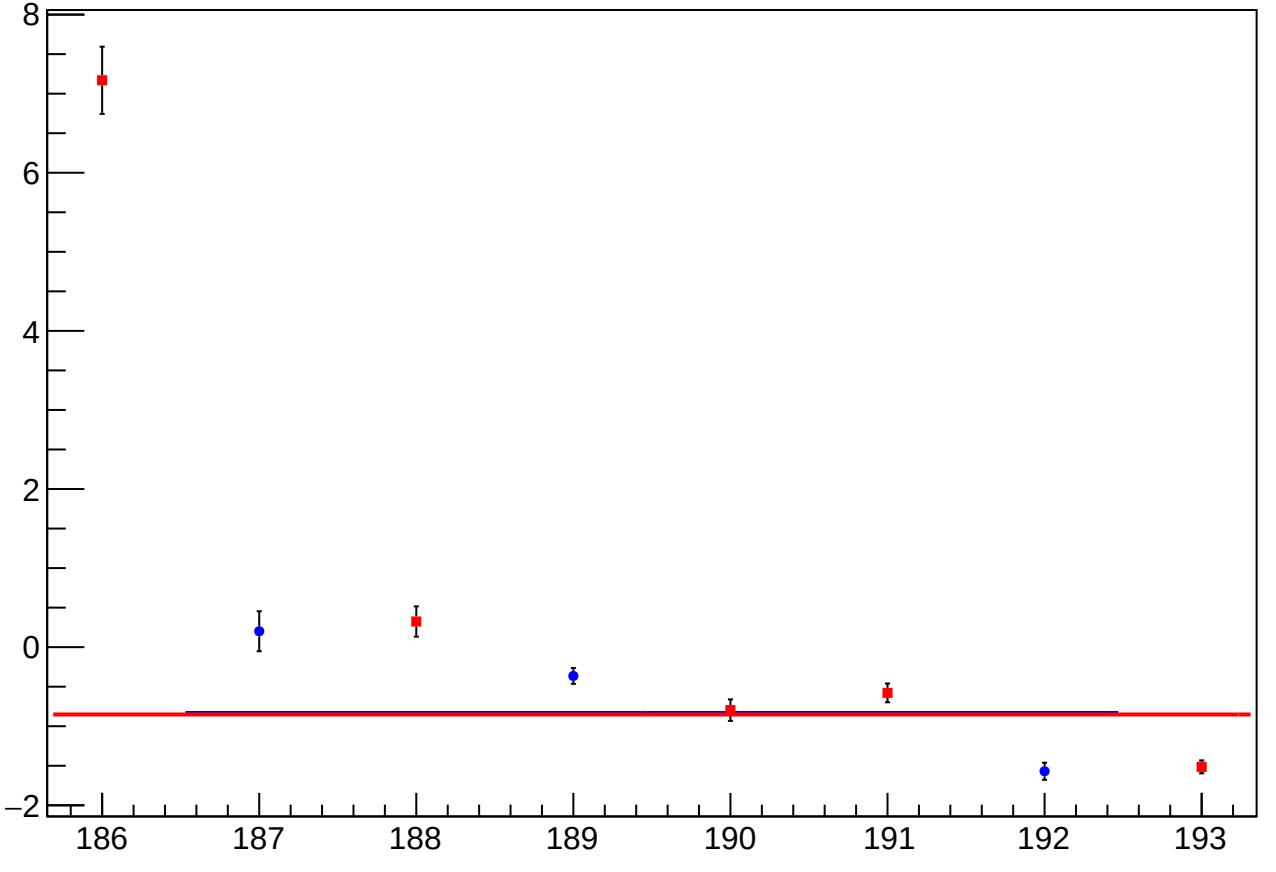
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.974+/-0.927 χ^2/NDF: 561.0/7


reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−20
−40
−60
−80
−100
186
187
188
189
190
191
192
193
Right In: -51.804+/-0.959 χ²/NDF: 155.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -55.437+/-0.866 χ²/NDF: 729.5/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -53.804+/-0.643 χ²/NDF: 892.9/7
In: -51.804+/-0.959 χ²/NDF:155.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -53.804+/-0.643 χ²/NDF: 892.9/7


reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
120
100
80
60
40
20
186
187
188
189
190
191
192
193
Right In: 55.890+/-1.876 χ2/NDF: 70.9/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 48.527+/-1.703 χ2/NDF: 311.0/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 51.853+/-1.261 χ2/NDF: 390.4/7
In: 55.890+/-1.876 χ2/NDF:70.9/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 51.853+/-1.261 χ2/NDF: 390.4/7

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.832+/-0.070 χ^2/NDF: 85.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.852+/-0.057 χ^2/NDF: 463.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

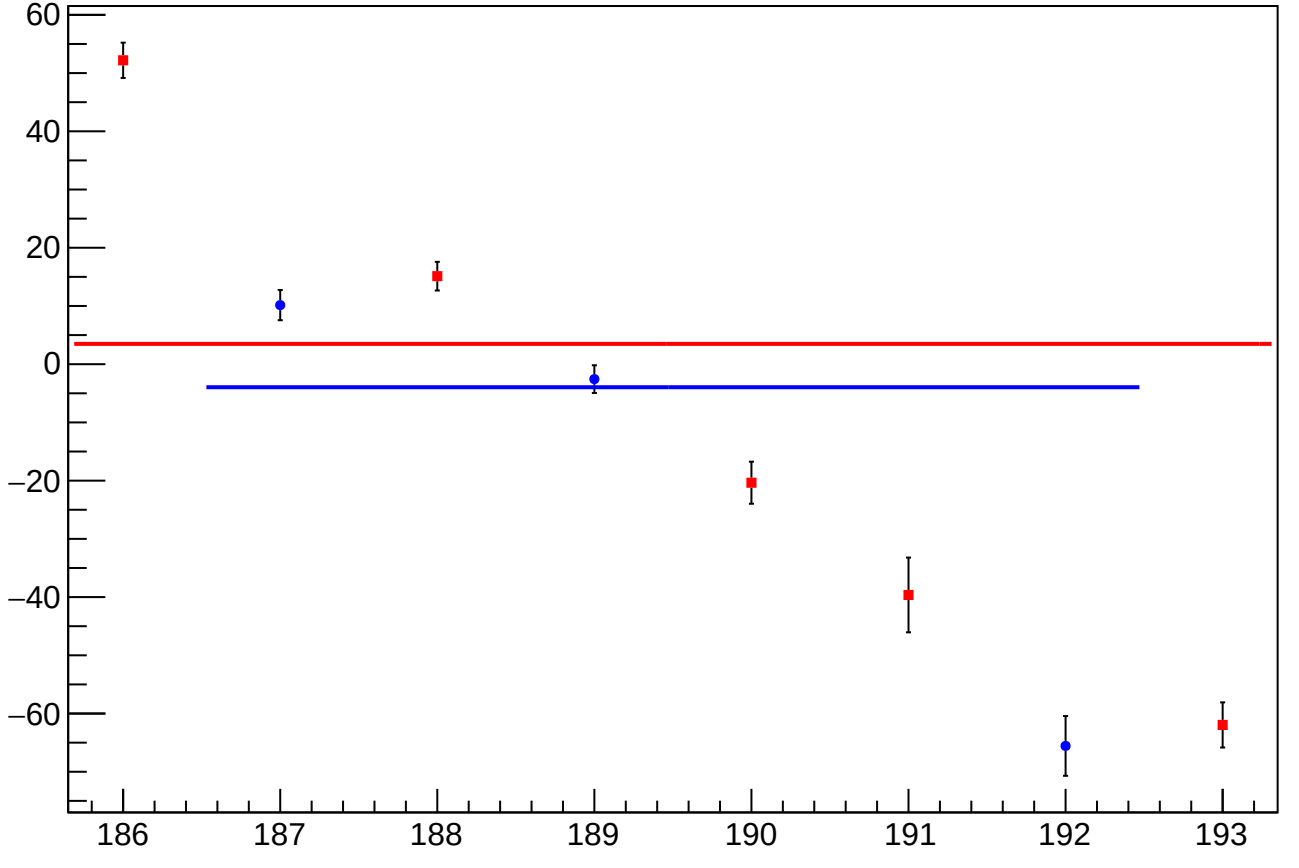
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.844+/-0.044 χ^2/NDF: 548.9/7

In: -0.832+/-0.070 χ^2/NDF:85.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.844+/-0.044 χ^2/NDF: 548.9/7



Right In: -3.956+/-1.660 χ^2/NDF: 174.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.491+/-1.506 χ^2/NDF: 653.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

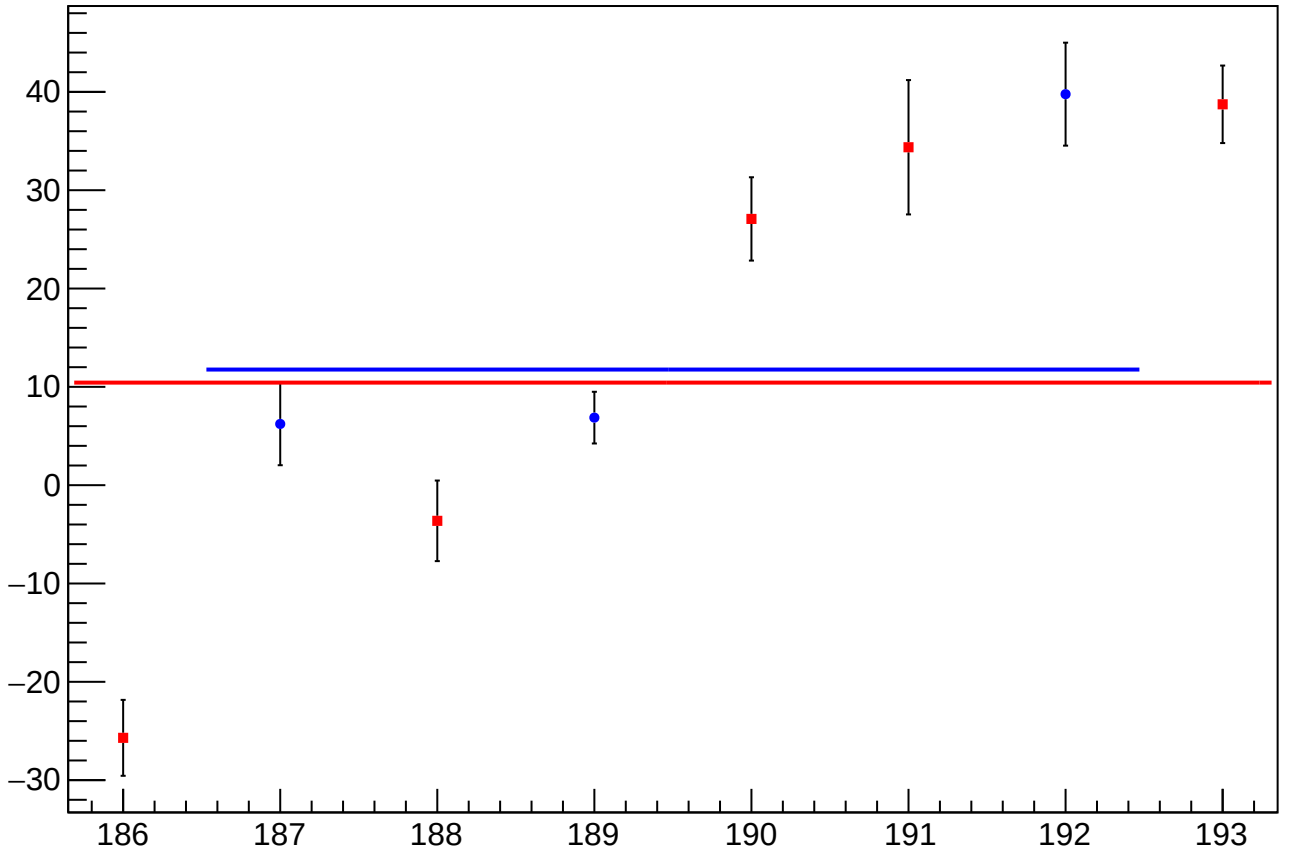
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.131+/-1.115 χ^2/NDF: 839.0/7

In: -3.956+/-1.660 χ^2/NDF:174.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.131+/-1.115 χ^2/NDF: 839.0/7



Right In: 11.759+/-2.050 χ^2/NDF: 33.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 10.431+/-1.931 χ^2/NDF: 178.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

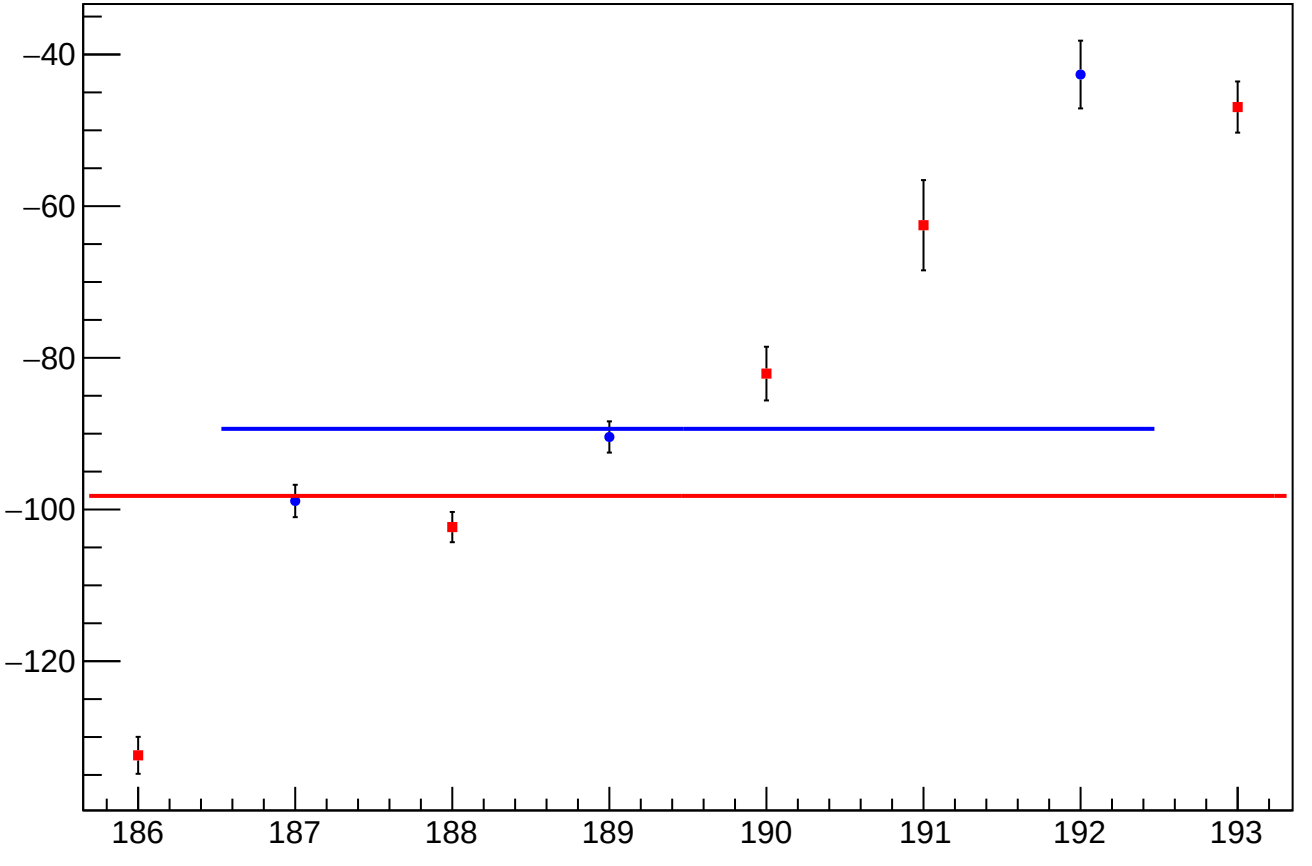
Right: 11.056+/-1.406 χ^2/NDF: 212.6/7

In: 11.759+/-2.050 χ^2/NDF:33.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.056+/-1.406 χ^2/NDF: 212.6/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.363+/-1.406 χ^2/NDF: 129.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -98.205+/-1.274 χ^2/NDF: 489.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

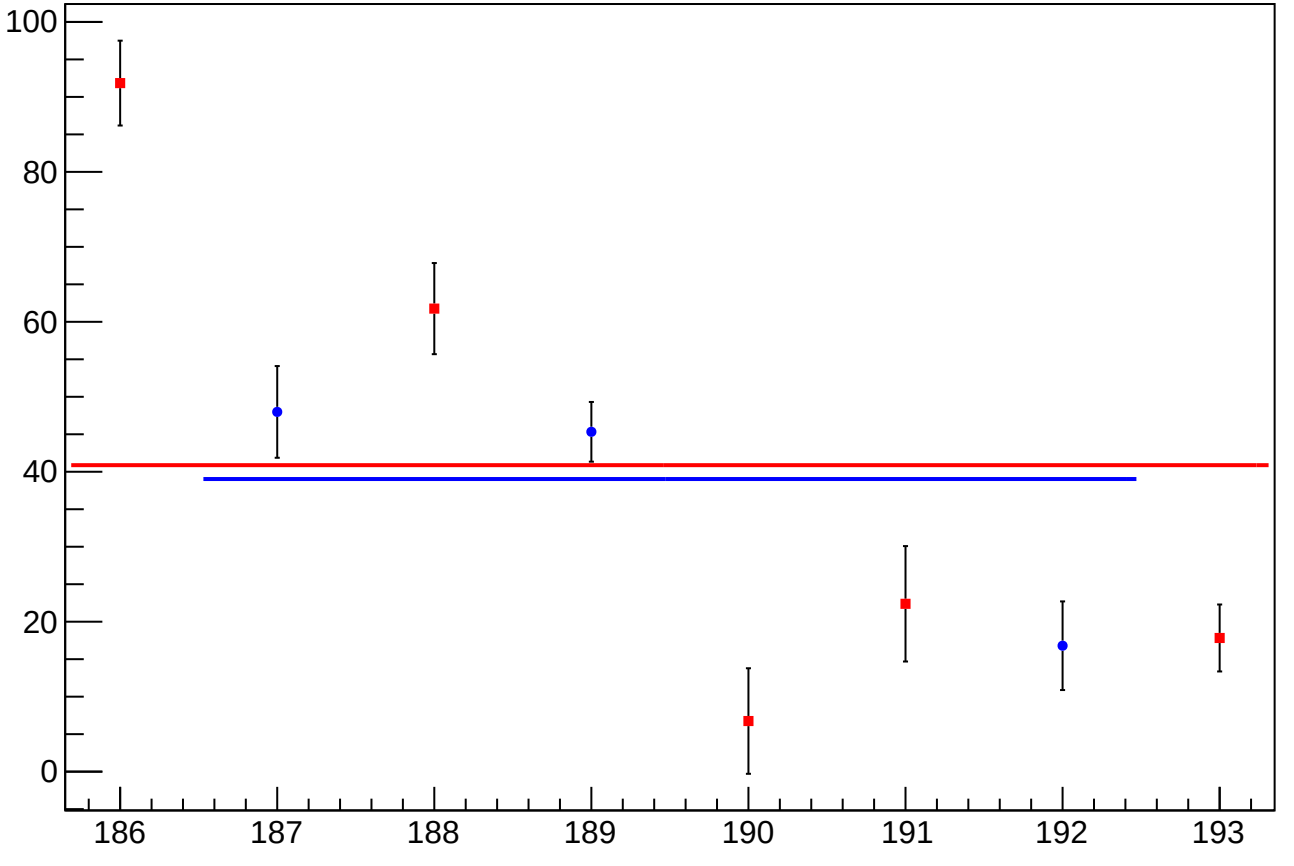
Right: -94.218+/-0.944 χ^2/NDF: 640.8/7

In: -89.363+/-1.406 χ^2/NDF:129.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -94.218+/-0.944 χ^2/NDF: 640.8/7

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.030+/-2.906 χ^2/NDF: 18.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.879+/-2.622 χ^2/NDF: 148.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

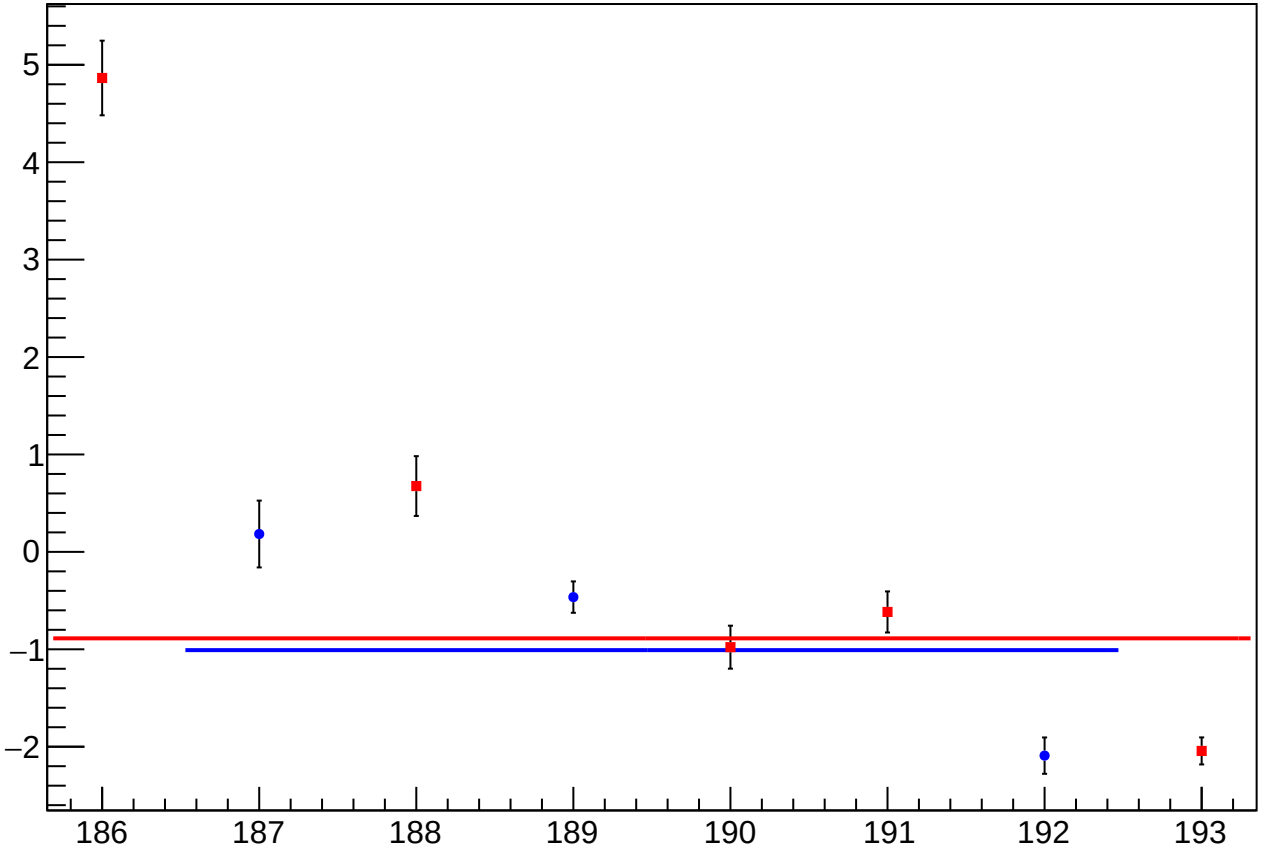
Right: 40.050+/-1.947 χ^2/NDF: 167.8/7

In: 39.030+/-2.906 χ^2/NDF:18.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 40.050+/-1.947 χ^2/NDF: 167.8/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.009+/-0.115 χ^2/NDF: 57.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.888+/-0.094 χ^2/NDF: 322.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

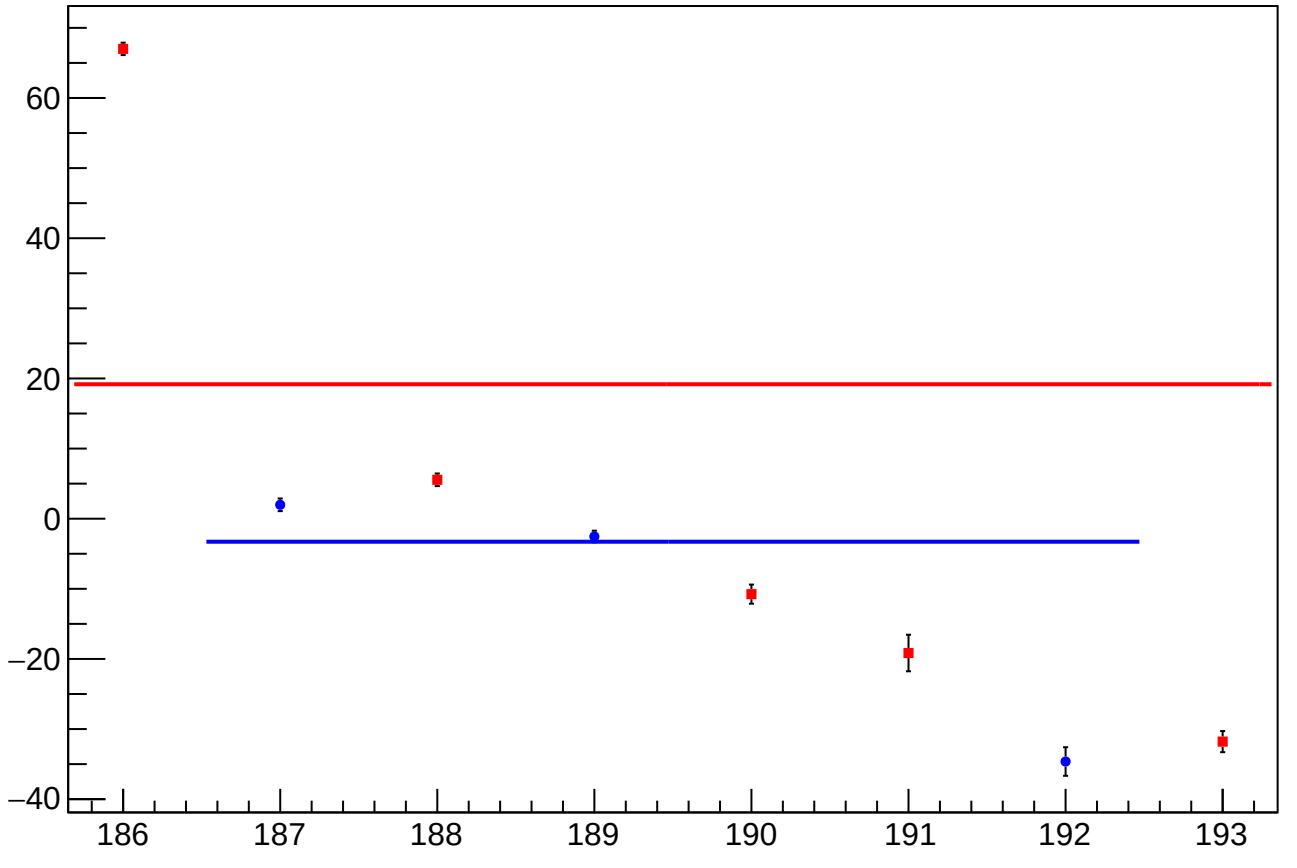
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.936+/-0.073 χ^2/NDF: 380.6/7

In: -1.009+/-0.115 χ^2/NDF:57.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.936+/-0.073 χ^2/NDF: 380.6/7



Right In: -3.283+/-0.585 χ^2/NDF: 271.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.175+/-0.524 χ^2/NDF: 4995.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

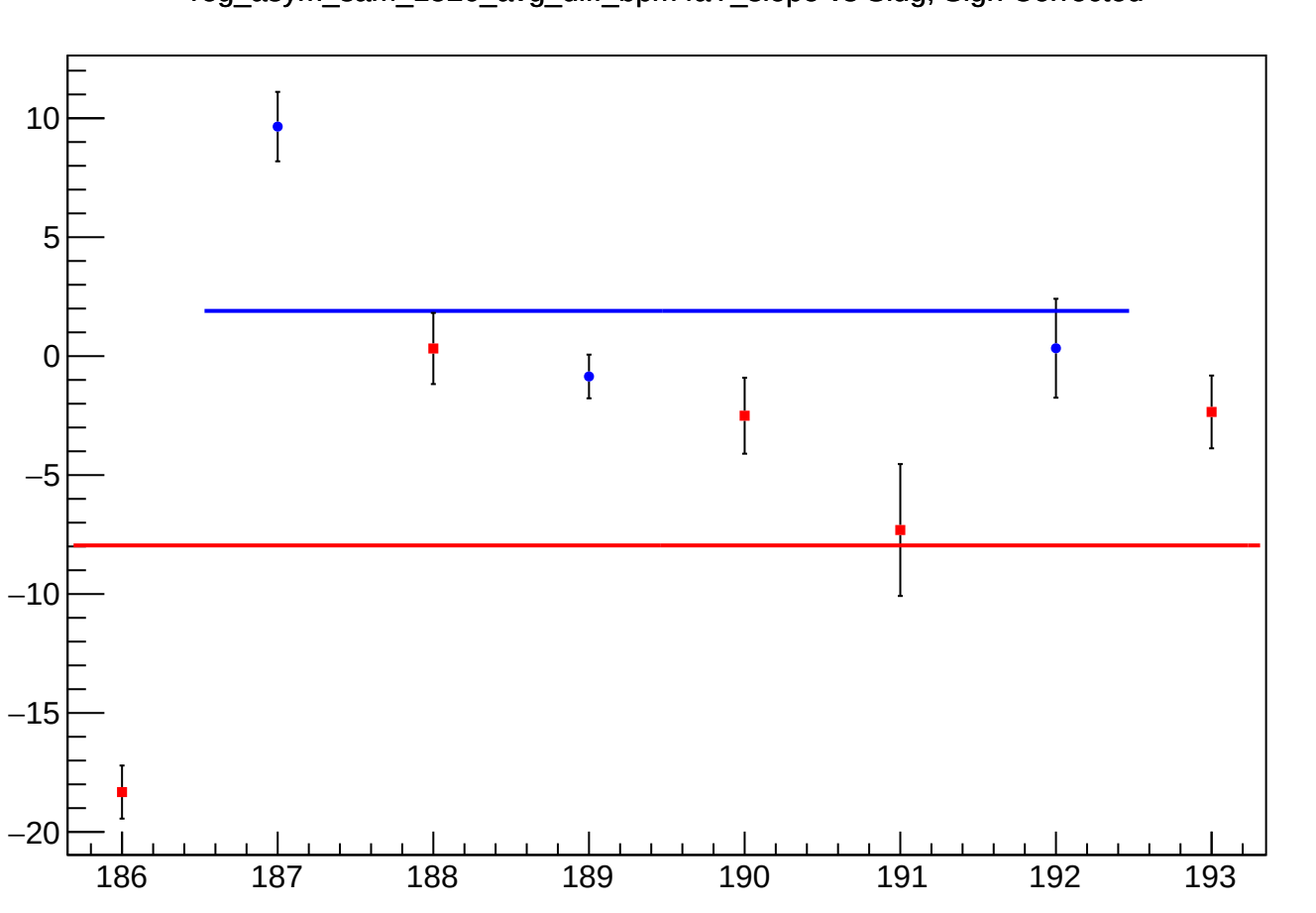
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

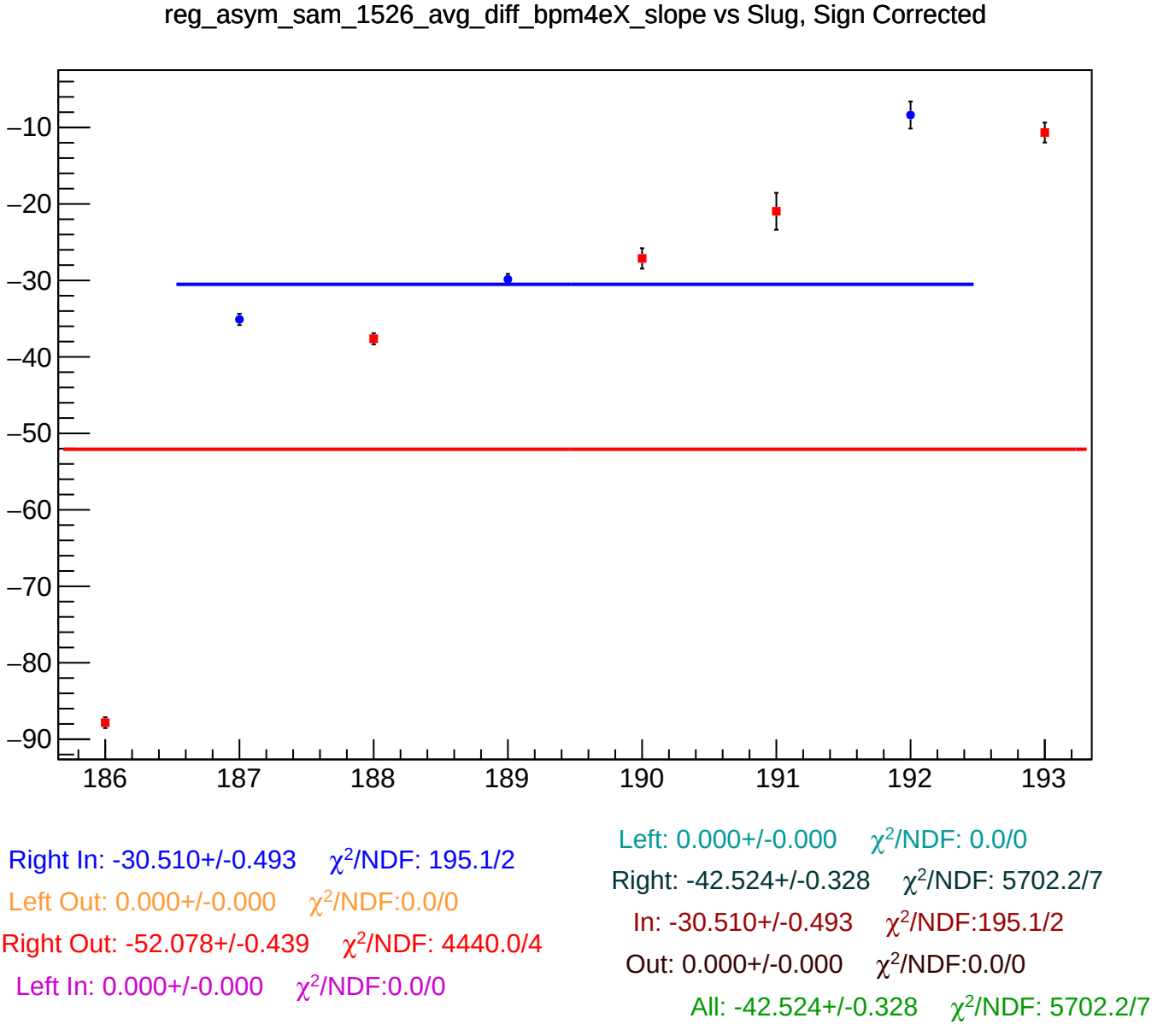
Right: 9.168+/-0.390 χ^2/NDF: 6085.6/7

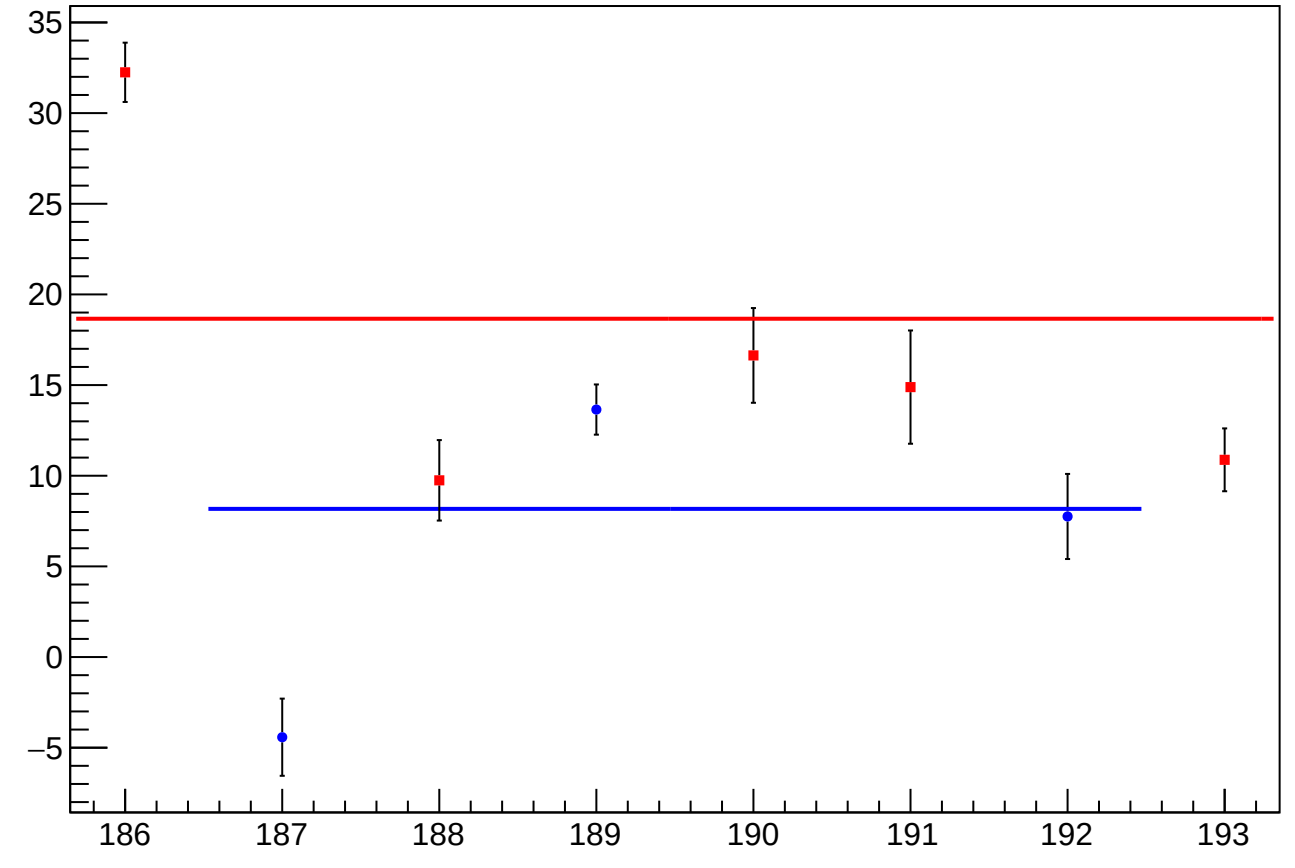
In: -3.283+/-0.585 χ^2/NDF:271.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.168+/-0.390 χ^2/NDF: 6085.6/7


reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
10
5
0
−5
−10
−15
−20
186
187
188
189
190
191
192
193
Right In: 1.902+/-0.728 χ²/NDF: 37.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -7.957+/-0.674 χ²/NDF: 142.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -3.404+/-0.495 χ²/NDF: 278.6/7
In: 1.902+/-0.728 χ²/NDF:37.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -3.404+/-0.495 χ²/NDF: 278.6/7


reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−10
−20
−30
−40
−50
−60
−70
−80
−90
186
187
188
189
190
191
192
193
Right In: -30.510+/-0.493 χ²/NDF: 195.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -52.078+/-0.439 χ²/NDF: 4440.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -42.524+/-0.328 χ²/NDF: 5702.2/7
In: -30.510+/-0.493 χ²/NDF:195.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -42.524+/-0.328 χ²/NDF: 5702.2/7



Right In: 8.172+/-1.040 χ^2/NDF: 50.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.659+/-0.929 χ^2/NDF: 107.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

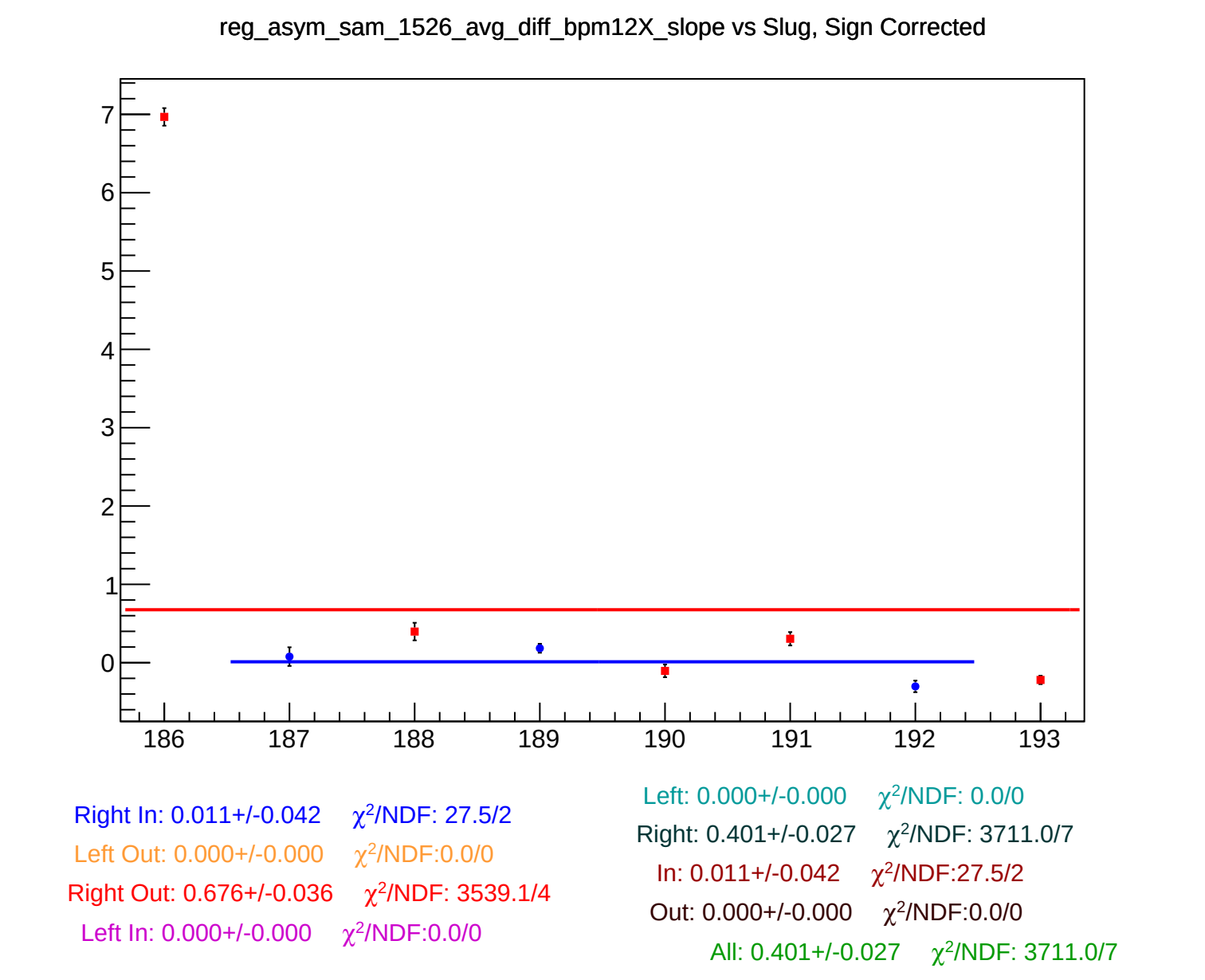
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

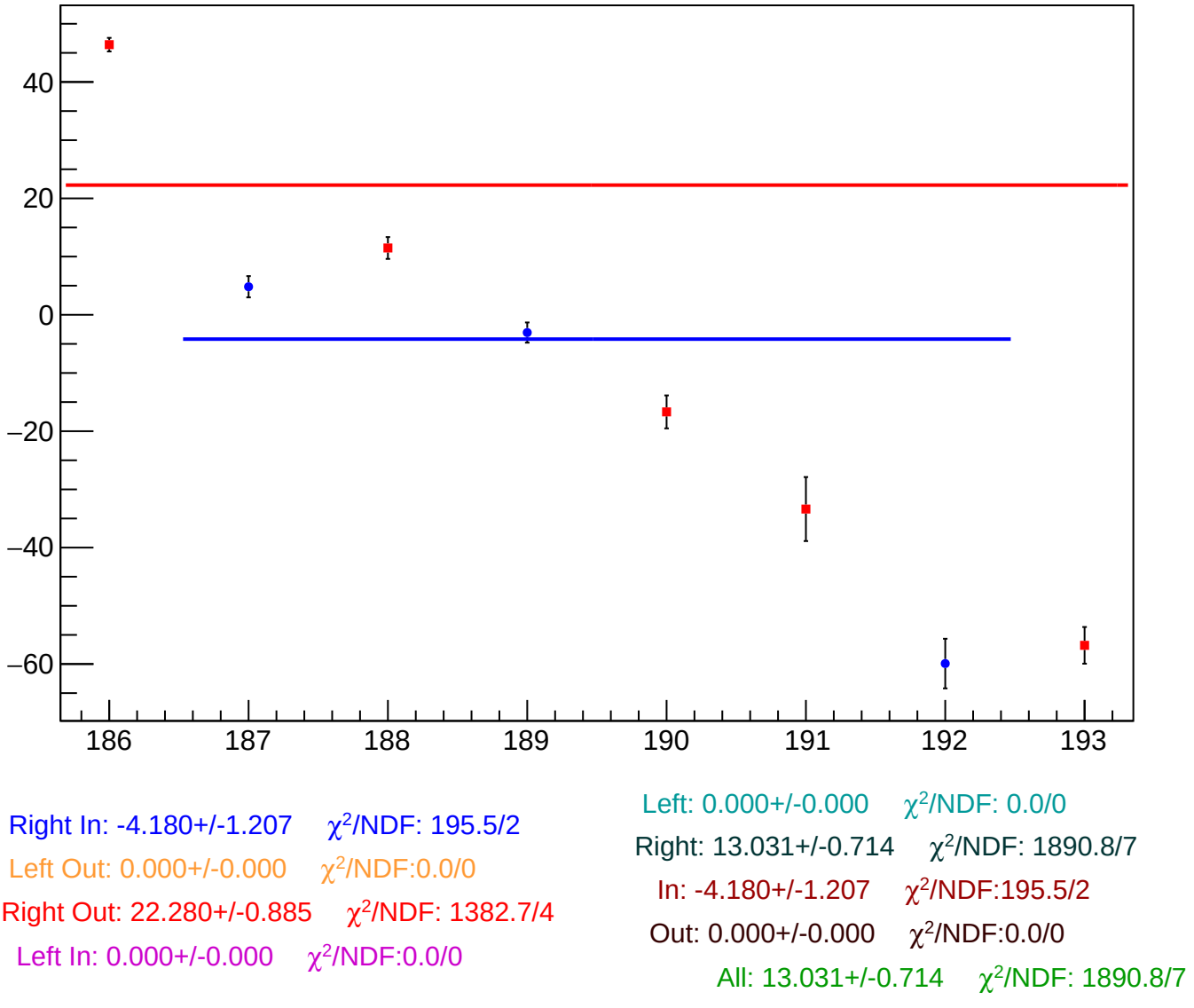
Right: 14.007+/-0.693 χ^2/NDF: 214.6/7

In: 8.172+/-1.040 χ^2/NDF:50.7/2

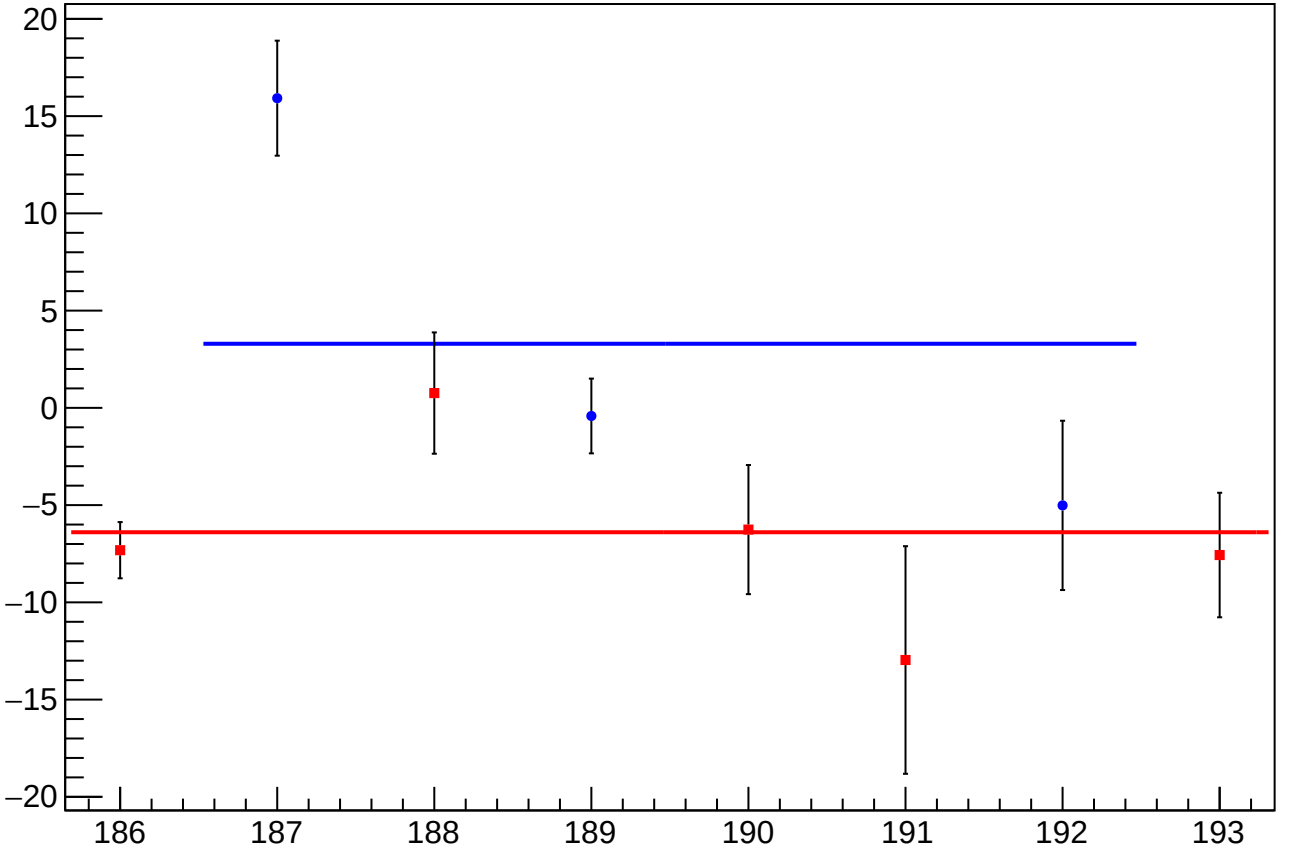
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 14.007+/-0.693 χ^2/NDF: 214.6/7


reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected
7
6
5
4
3
2
1
0
186
187
188
189
190
191
192
193
Right In: 0.011+/-0.042 χ2/NDF: 27.5/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 0.676+/-0.036 χ2/NDF: 3539.1/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 0.401+/-0.027 χ2/NDF: 3711.0/7
In: 0.011+/-0.042 χ2/NDF:27.5/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 0.401+/-0.027 χ2/NDF: 3711.0/7


reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected
40
20
0
−20
−40
−60
186
187
188
189
190
191
192
193
Right In: -4.180+/-1.207 χ²/NDF: 195.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 22.280+/-0.885 χ²/NDF: 1382.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 13.031+/-0.714 χ²/NDF: 1890.8/7
In: -4.180+/-1.207 χ²/NDF:195.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 13.031+/-0.714 χ²/NDF: 1890.8/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.296+/-1.511 χ^2/NDF: 25.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.395+/-1.119 χ^2/NDF: 7.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

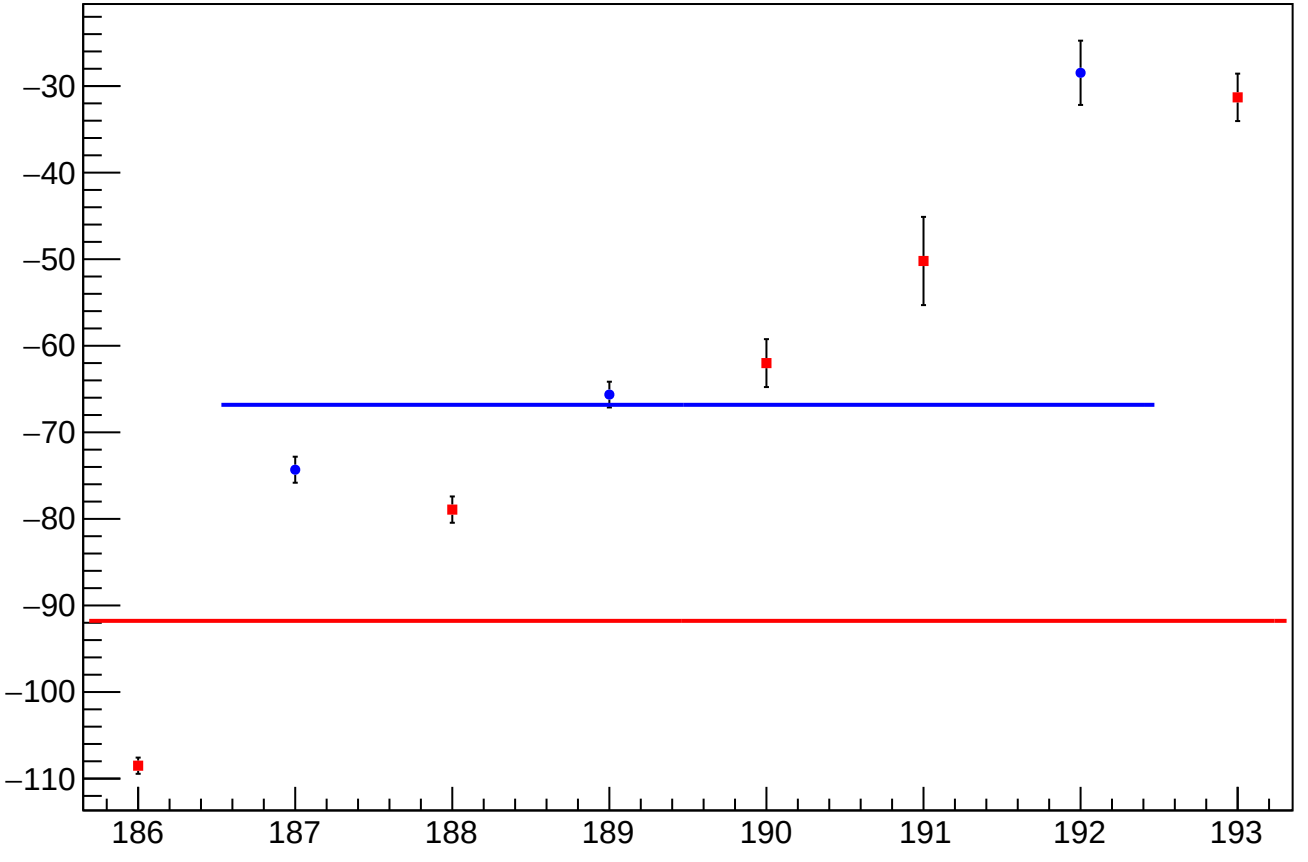
Right: -2.964+/-0.899 χ^2/NDF: 59.2/7

In: 3.296+/-1.511 χ^2/NDF:25.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.964+/-0.899 χ^2/NDF: 59.2/7

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.822+/-1.017 χ^2/NDF: 132.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -91.778+/-0.730 χ^2/NDF: 1061.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

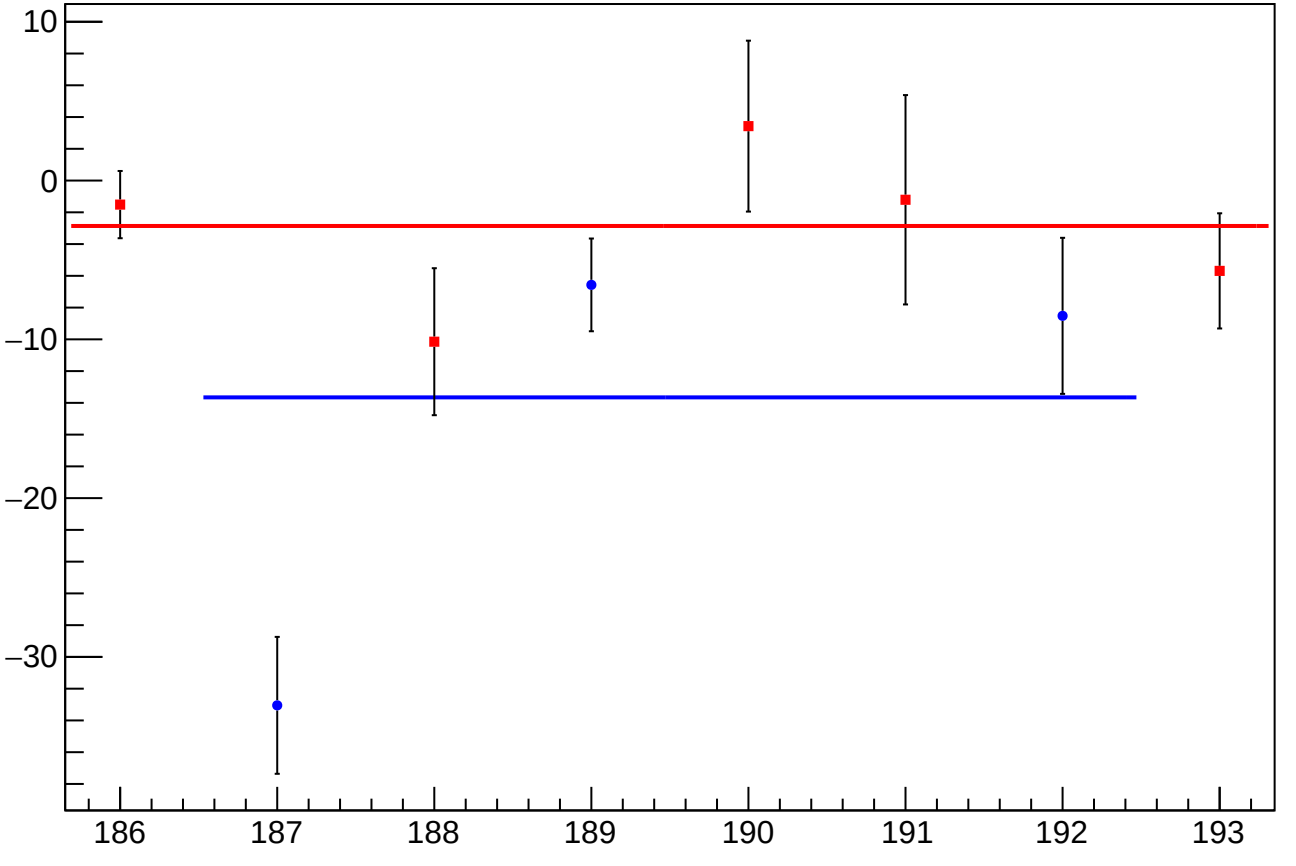
Right: -83.291+/-0.593 χ^2/NDF: 1591.0/7

In: -66.822+/-1.017 χ^2/NDF:132.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -83.291+/-0.593 χ^2/NDF: 1591.0/7

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.655+/-2.169 χ^2/NDF: 27.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.860+/-1.575 χ^2/NDF: 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

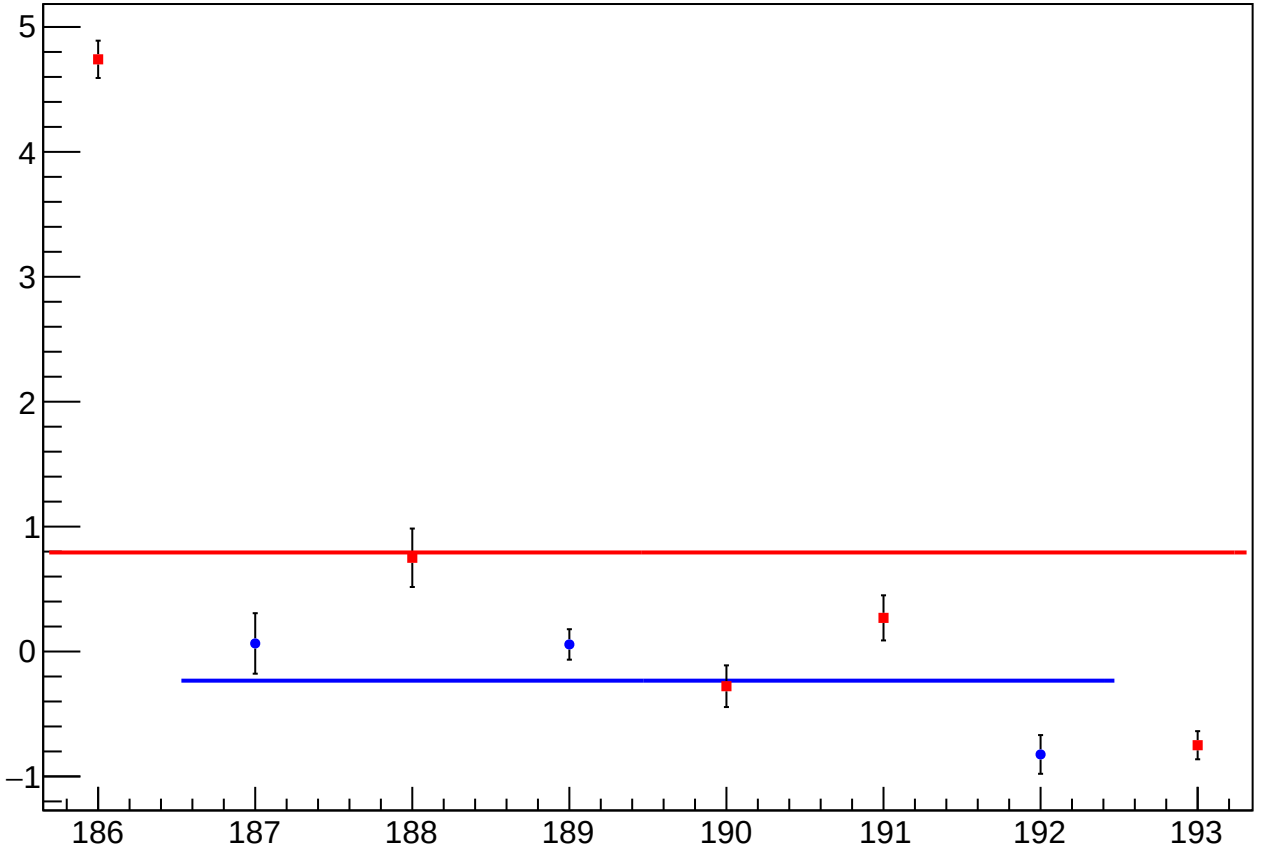
Right: -6.586+/-1.274 χ^2/NDF: 48.4/7

In: -13.655+/-2.169 χ^2/NDF:27.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.586+/-1.274 χ^2/NDF: 48.4/7

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233+/-0.089 χ^2/NDF: 21.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.793+/-0.069 χ^2/NDF: 935.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

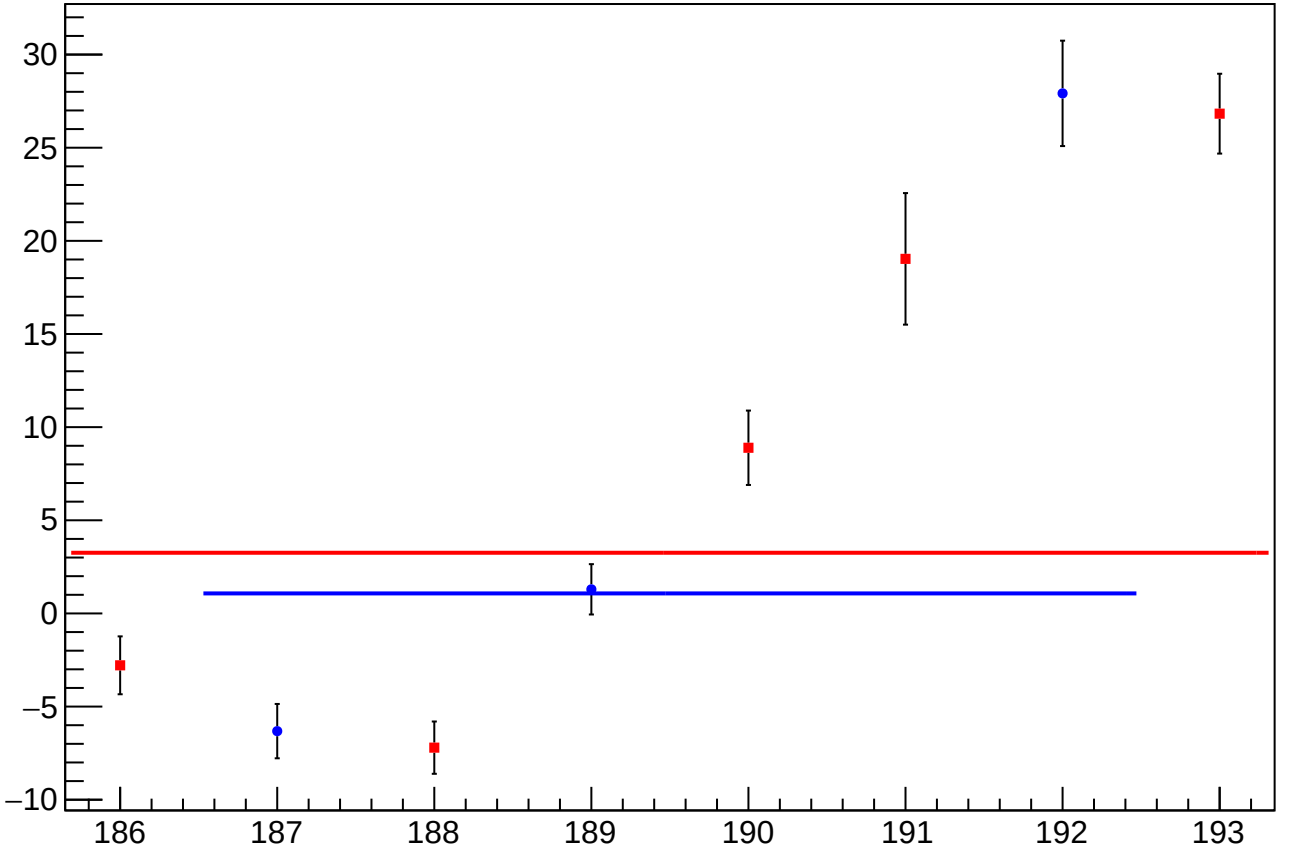
Right: 0.407+/-0.055 χ^2/NDF: 1040.3/7

In: -0.233+/-0.089 χ^2/NDF:21.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.407+/-0.055 χ^2/NDF: 1040.3/7

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.075+/-0.935 χ^2/NDF: 115.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.257+/-0.825 χ^2/NDF: 219.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

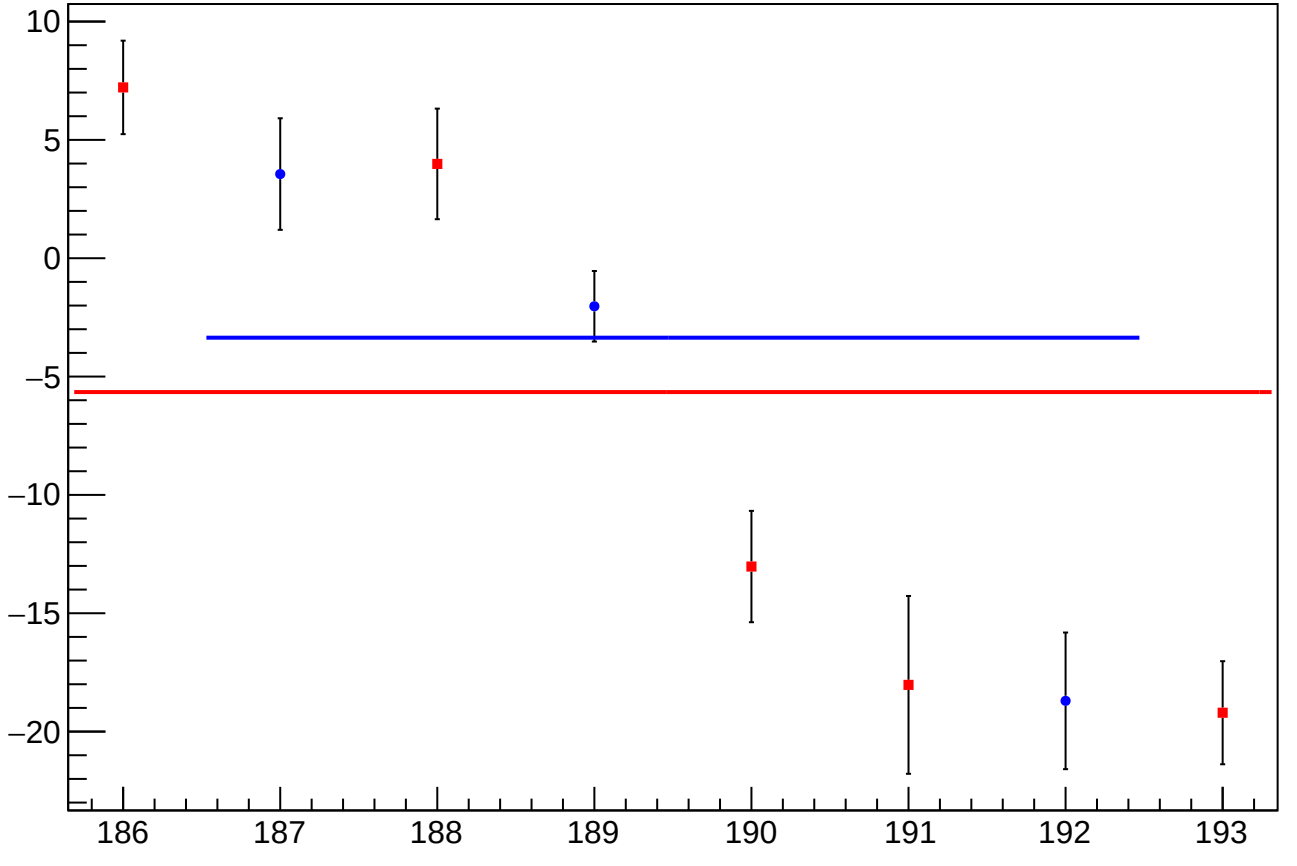
Right: 2.303+/-0.619 χ^2/NDF: 338.4/7

In: 1.075+/-0.935 χ^2/NDF:115.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.303+/-0.619 χ^2/NDF: 338.4/7

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.357+/-1.155 χ^2/NDF: 37.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.655+/-1.053 χ^2/NDF: 118.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

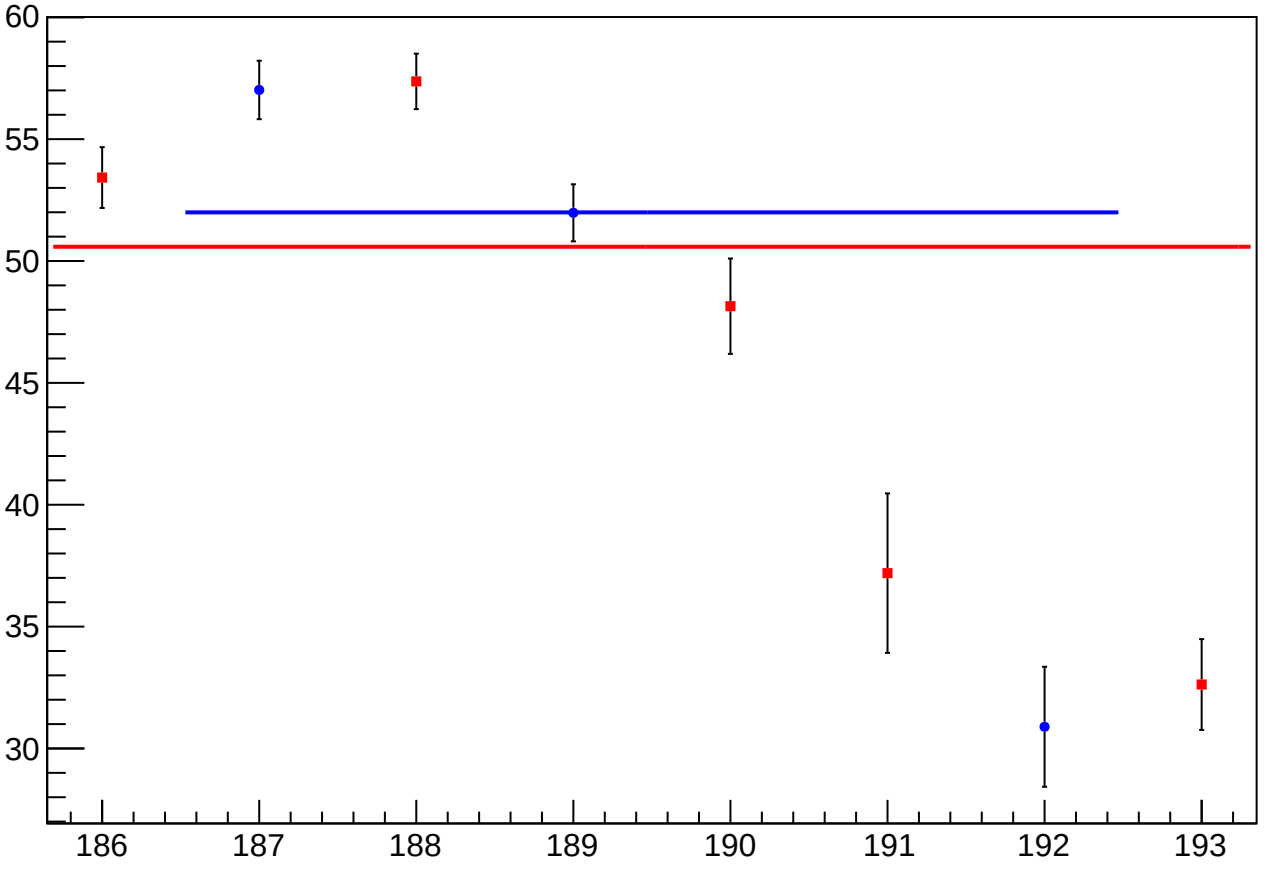
Right: -4.612+/-0.778 χ^2/NDF: 158.7/7

In: -3.357+/-1.155 χ^2/NDF:37.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.612+/-0.778 χ^2/NDF: 158.7/7

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.995+/-0.793 χ^2/NDF: 91.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 50.585+/-0.697 χ^2/NDF: 152.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

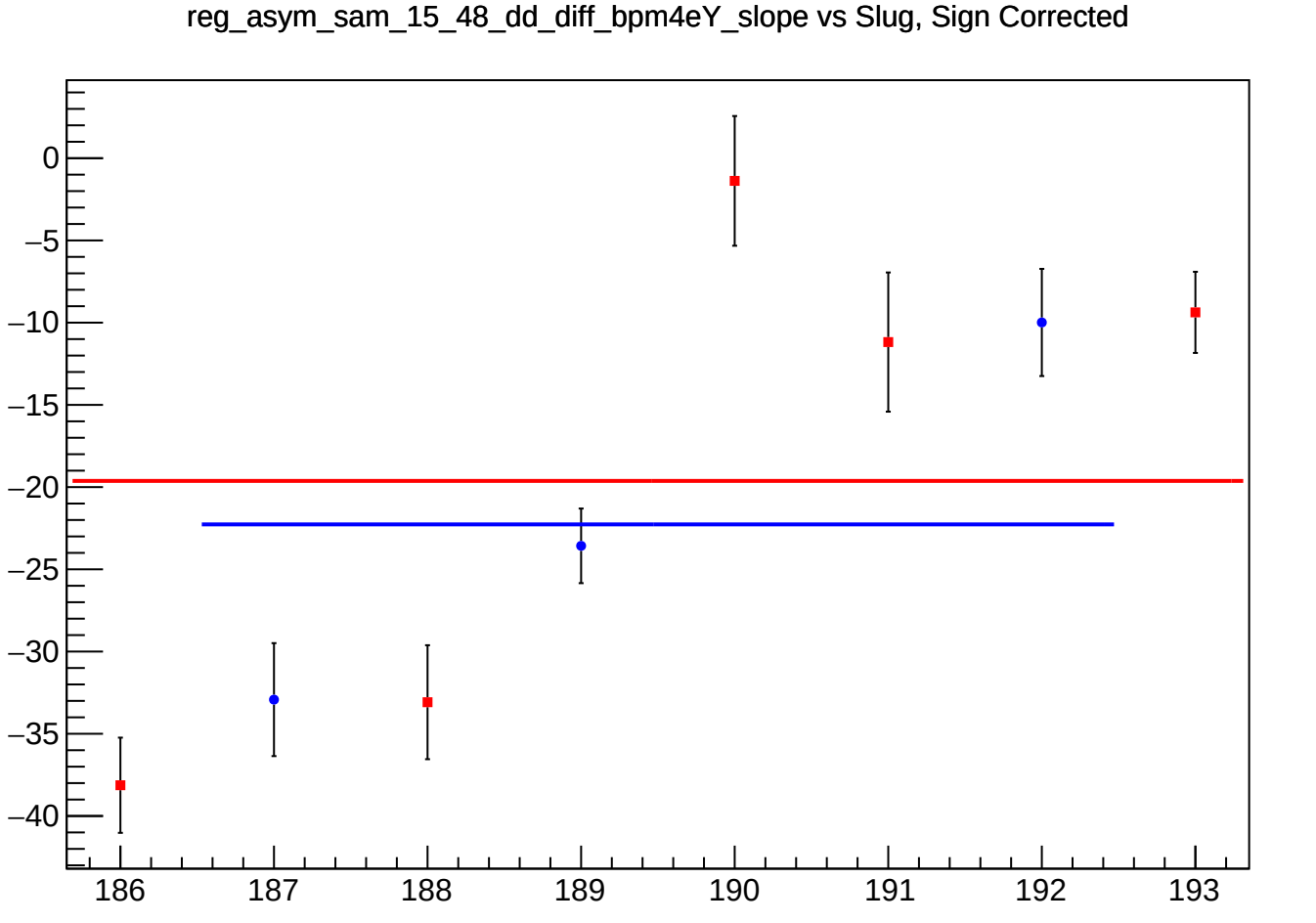
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

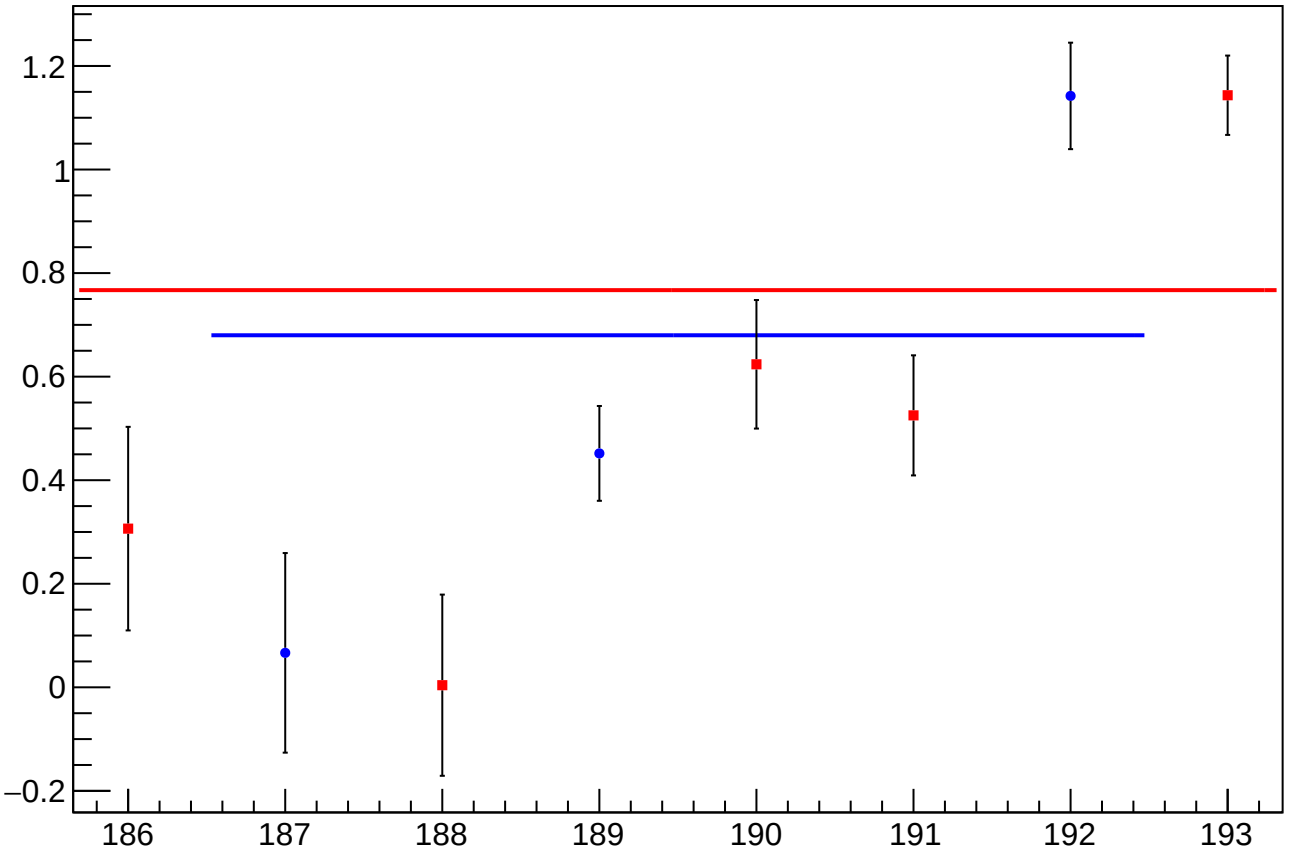
Right: 51.200+/-0.524 χ^2/NDF: 244.8/7

In: 51.995+/-0.793 χ^2/NDF:91.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 51.200+/-0.524 χ^2/NDF: 244.8/7


reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
0
−5
−10
−15
−20
−25
−30
−35
−40
186
187
188
189
190
191
192
193
Right In: -22.268+/-1.637 χ2/NDF: 24.1/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -19.624+/-1.433 χ2/NDF: 98.6/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -20.771+/-1.078 χ2/NDF: 124.2/7
In: -22.268+/-1.637 χ2/NDF:24.1/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -20.771+/-1.078 χ2/NDF: 124.2/7



Right In: 0.680+/-0.064 χ^2/NDF: 36.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.767+/-0.052 χ^2/NDF: 54.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

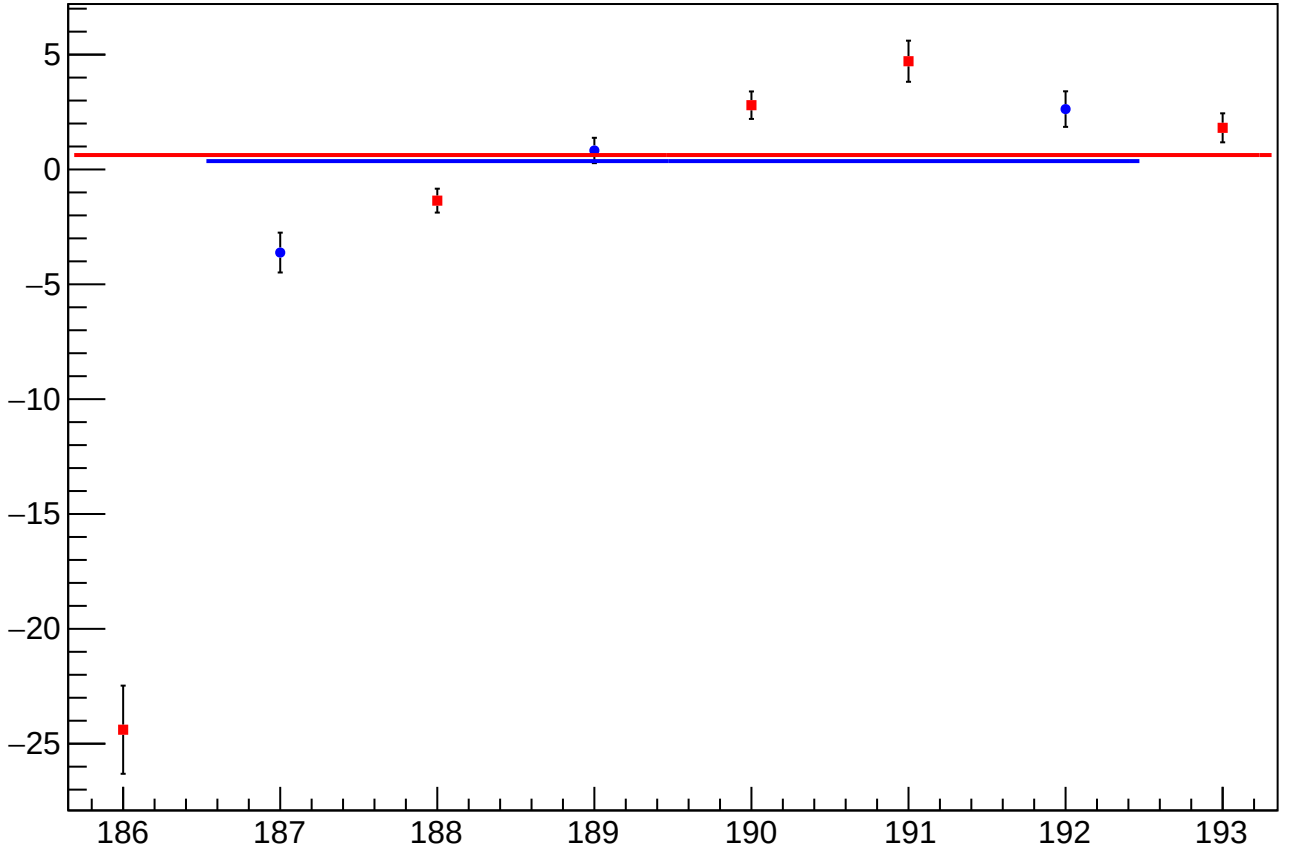
Right: 0.733+/-0.041 χ^2/NDF: 92.0/7

In: 0.680+/-0.064 χ^2/NDF:36.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.733+/-0.041 χ^2/NDF: 92.0/7

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.364+/-0.399 χ^2/NDF: 30.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.628+/-0.308 χ^2/NDF: 222.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

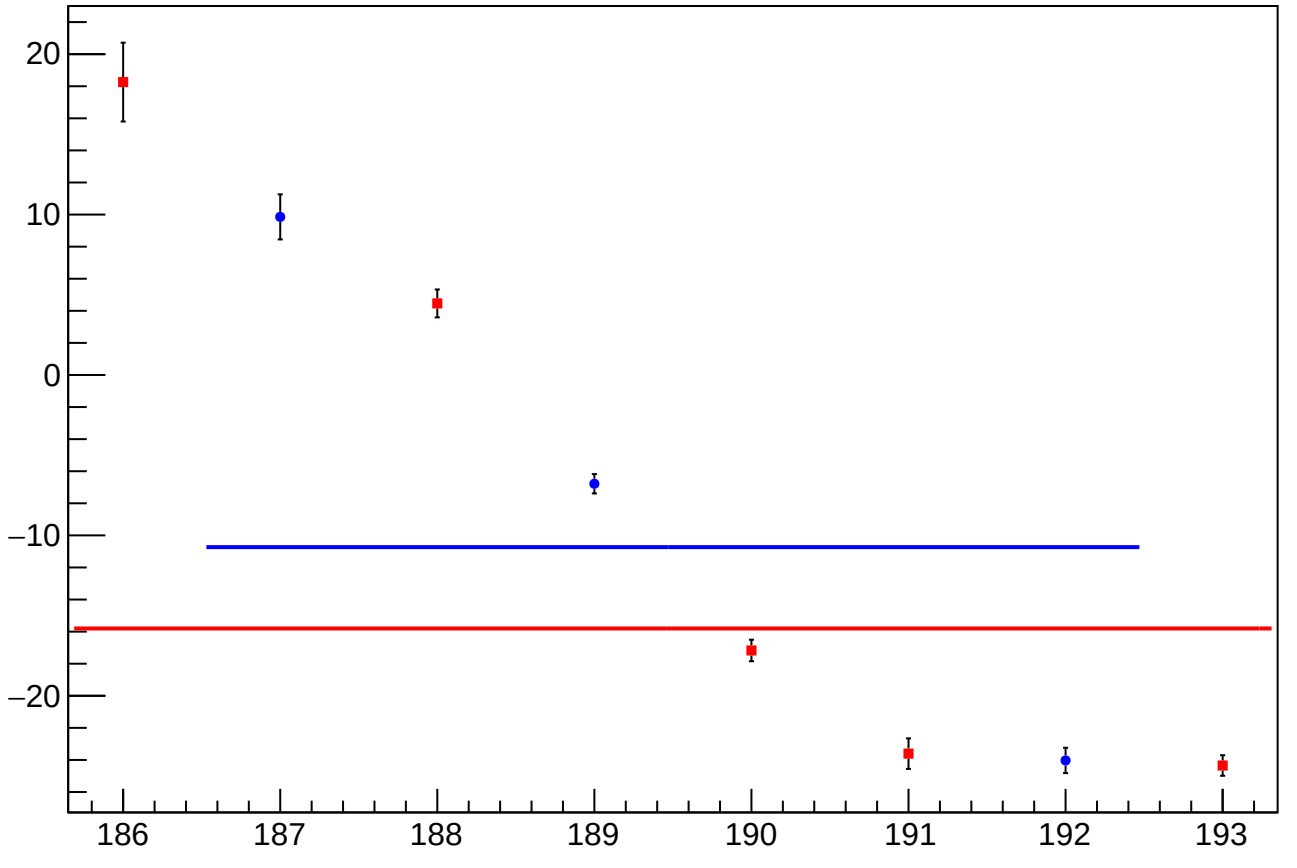
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.529+/-0.244 χ^2/NDF: 252.6/7

In: 0.364+/-0.399 χ^2/NDF:30.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.529+/-0.244 χ^2/NDF: 252.6/7



Right In: -10.732+/-0.453 χ^2/NDF: 540.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.804+/-0.372 χ^2/NDF: 983.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

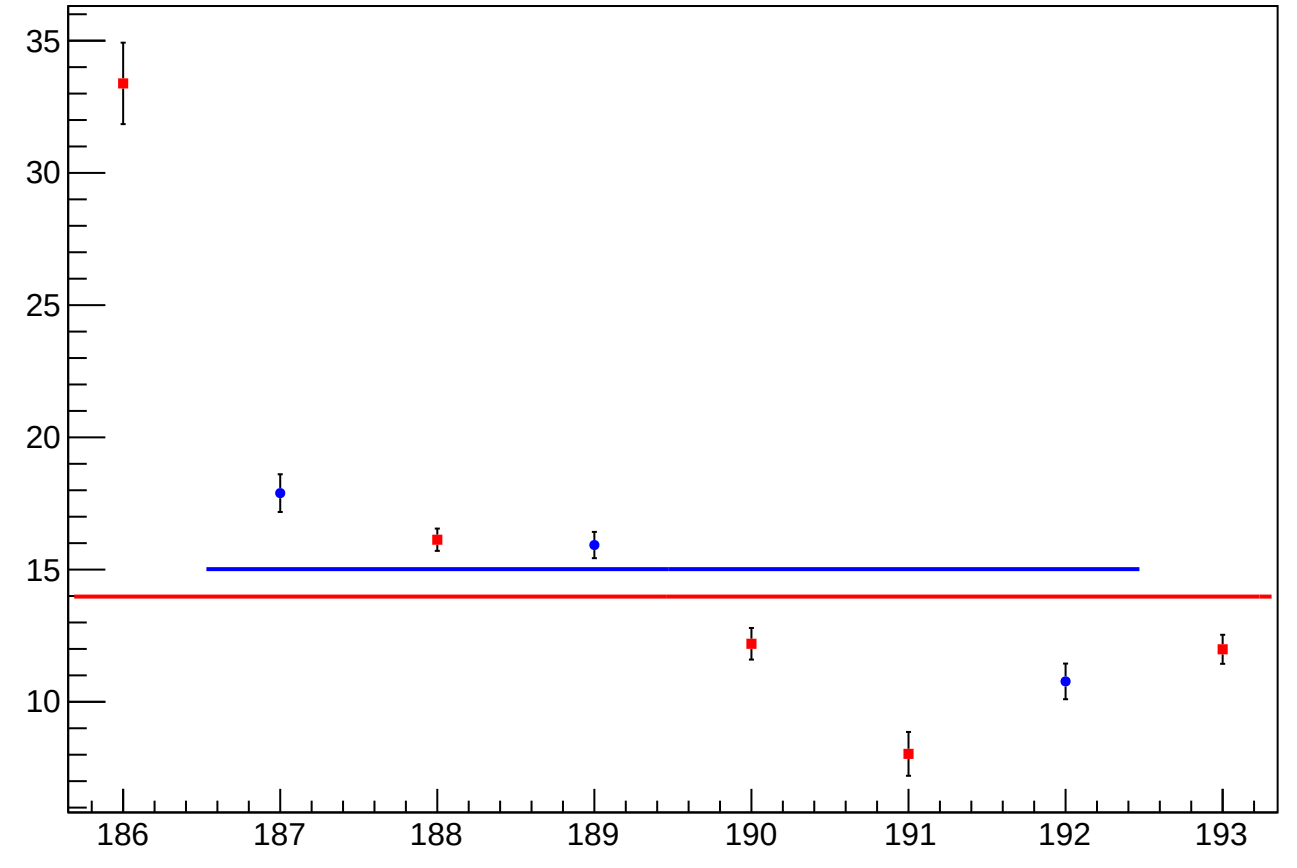
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -13.766+/-0.287 χ^2/NDF: 1598.9/7

In: -10.732+/-0.453 χ^2/NDF:540.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -13.766+/-0.287 χ^2/NDF: 1598.9/7



Right In: 15.017+/-0.349 χ^2/NDF: 59.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.980+/-0.271 χ^2/NDF: 258.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

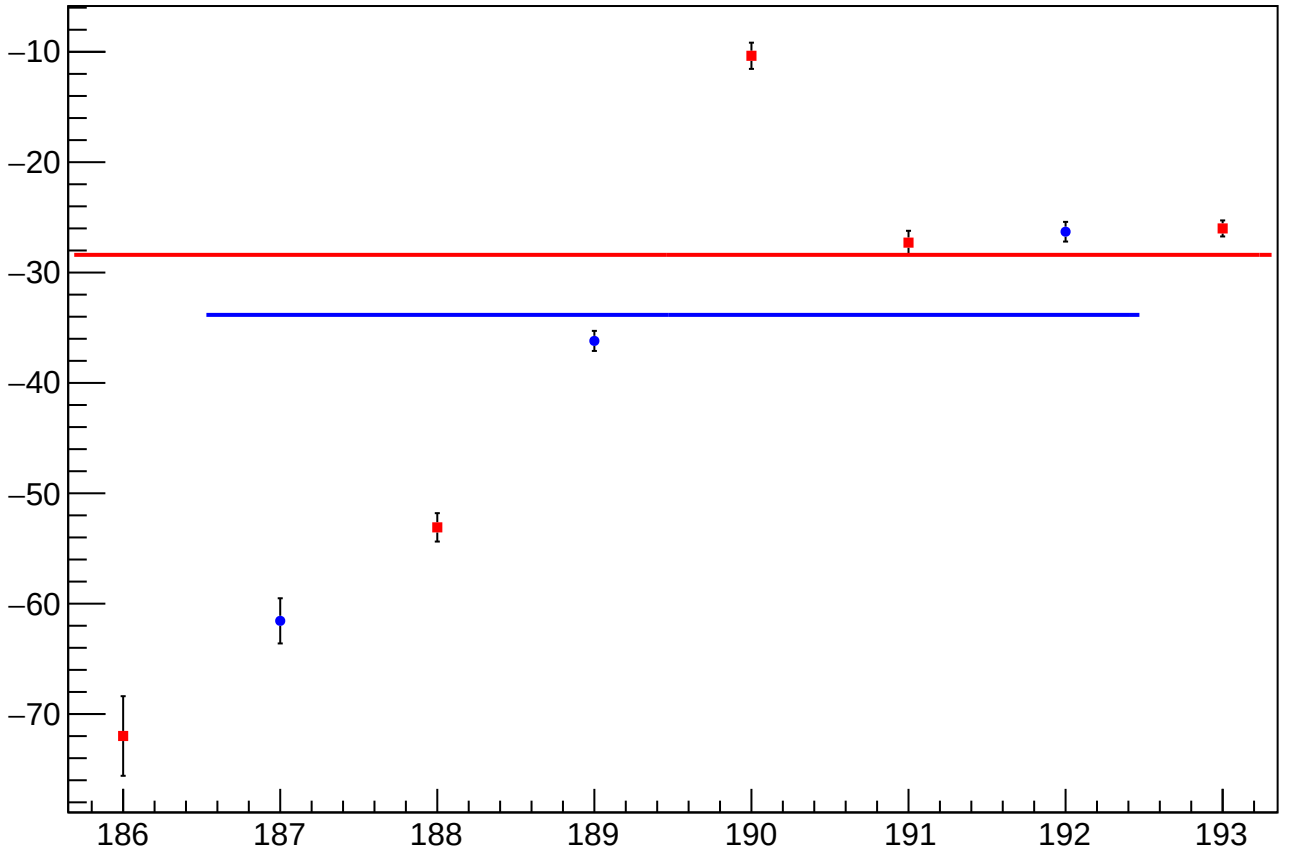
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 14.370+/-0.214 χ^2/NDF: 323.1/7

In: 15.017+/-0.349 χ^2/NDF:59.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 14.370+/-0.214 χ^2/NDF: 323.1/7



Right In: -33.835+/-0.608 χ^2/NDF: 261.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -28.396+/-0.491 χ^2/NDF: 756.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

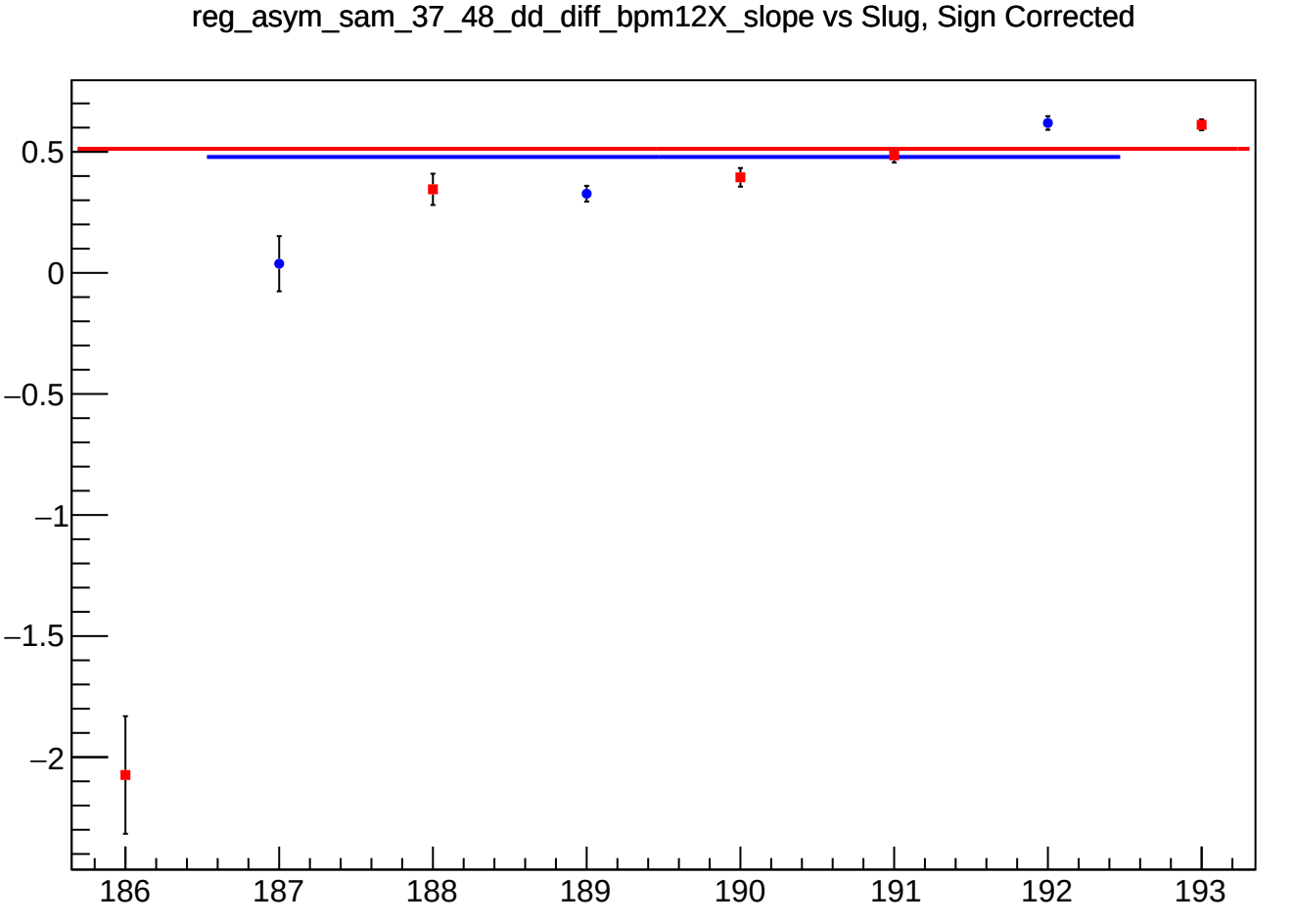
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -30.542+/-0.382 χ^2/NDF: 1066.7/7

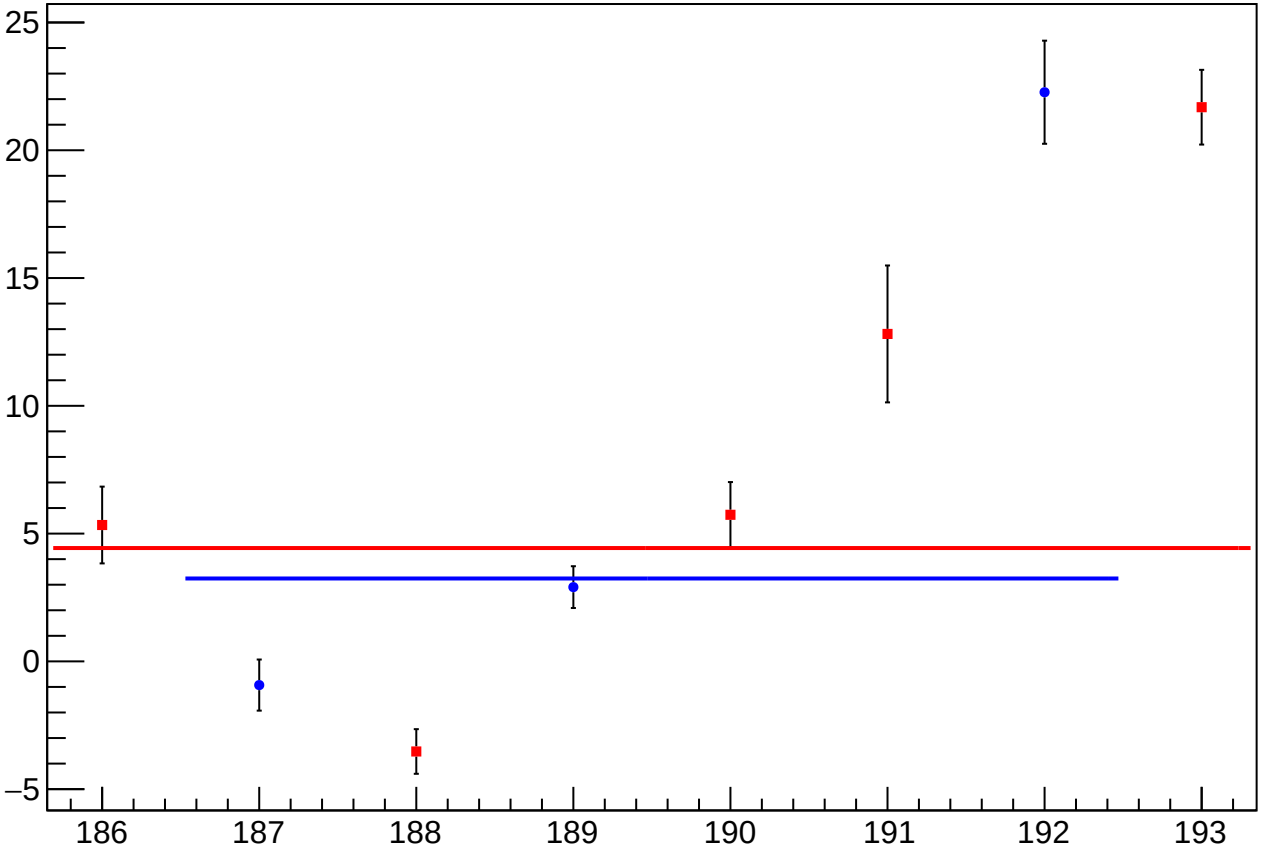
In: -33.835+/-0.608 χ^2/NDF:261.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -30.542+/-0.382 χ^2/NDF: 1066.7/7


reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected
0.5
0
−0.5
−1
−1.5
−2
186
187
188
189
190
191
192
193
Right In: 0.479+/-0.021 χ²/NDF: 61.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.513+/-0.016 χ²/NDF: 149.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.500+/-0.013 χ²/NDF: 212.9/7
In: 0.479+/-0.021 χ²/NDF:61.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.500+/-0.013 χ²/NDF: 212.9/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.243+/-0.604 χ^2/NDF: 106.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.435+/-0.580 χ^2/NDF: 233.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

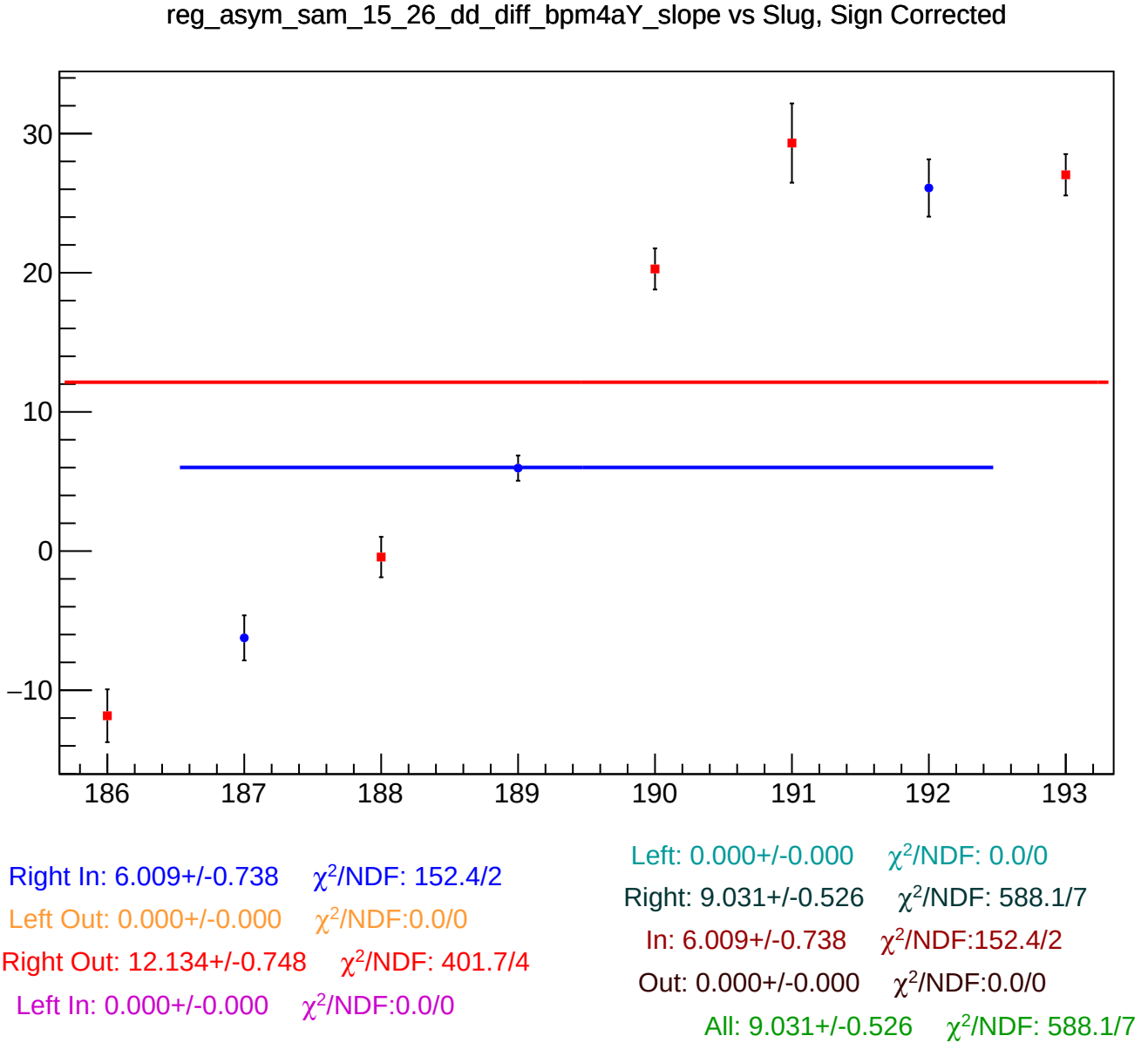
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

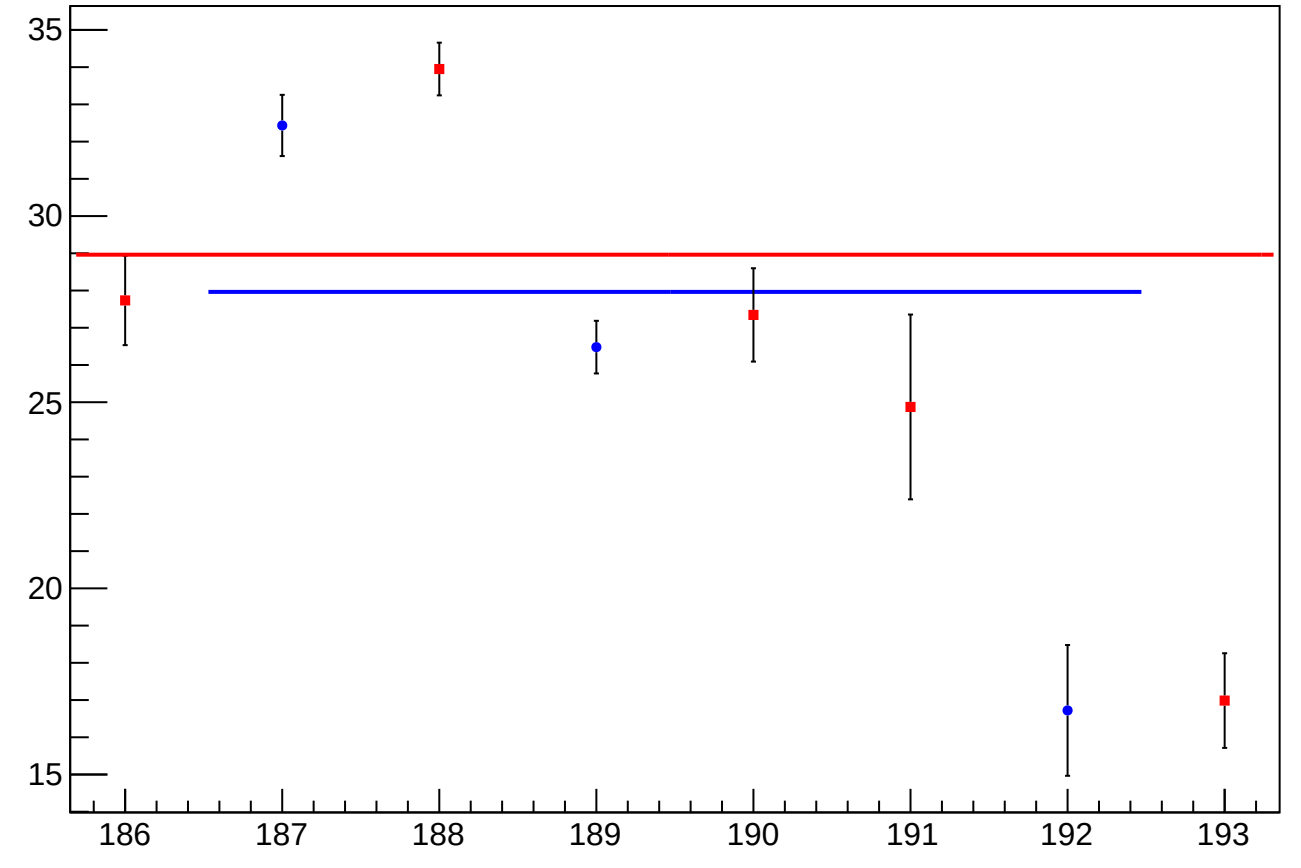
Right: 3.863+/-0.418 χ^2/NDF: 342.0/7

In: 3.243+/-0.604 χ^2/NDF:106.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.863+/-0.418 χ^2/NDF: 342.0/7


reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
30
20
10
0
−10
186
187
188
189
190
191
192
193
Right In: 6.009+/-0.738 χ²/NDF: 152.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 12.134+/-0.748 χ²/NDF: 401.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 9.031+/-0.526 χ²/NDF: 588.1/7
In: 6.009+/-0.738 χ²/NDF:152.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 9.031+/-0.526 χ²/NDF: 588.1/7



Right In: 27.964+/-0.513 χ^2/NDF: 75.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 28.963+/-0.493 χ^2/NDF: 143.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

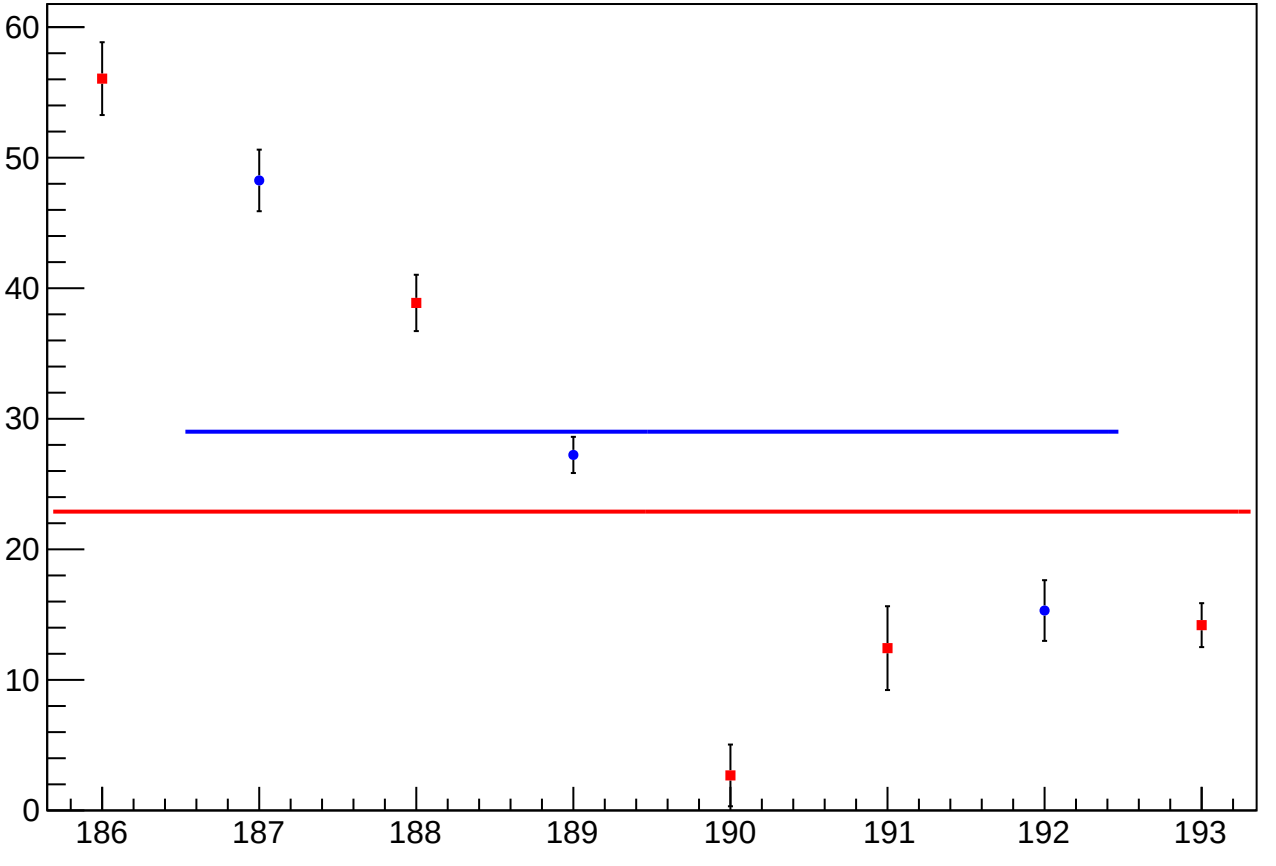
Right: 28.482+/-0.356 χ^2/NDF: 220.8/7

In: 27.964+/-0.513 χ^2/NDF:75.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 28.482+/-0.356 χ^2/NDF: 220.8/7

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.011+/-1.063 χ^2/NDF: 103.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.890+/-1.014 χ^2/NDF: 306.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

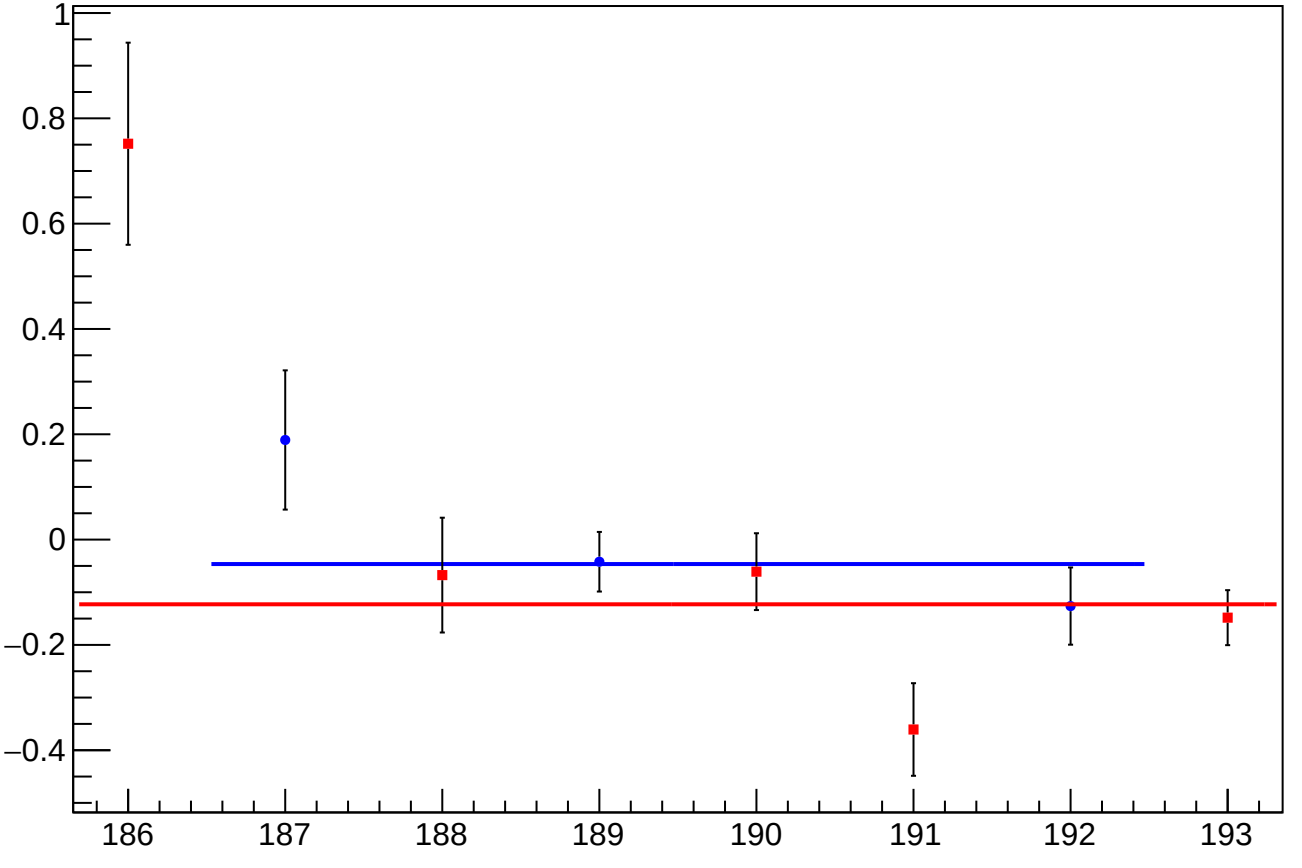
Right: 25.807+/-0.734 χ^2/NDF: 427.1/7

In: 29.011+/-1.063 χ^2/NDF:103.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.807+/-0.734 χ^2/NDF: 427.1/7

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.046+/-0.042 χ^2/NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.123+/-0.035 χ^2/NDF: 29.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

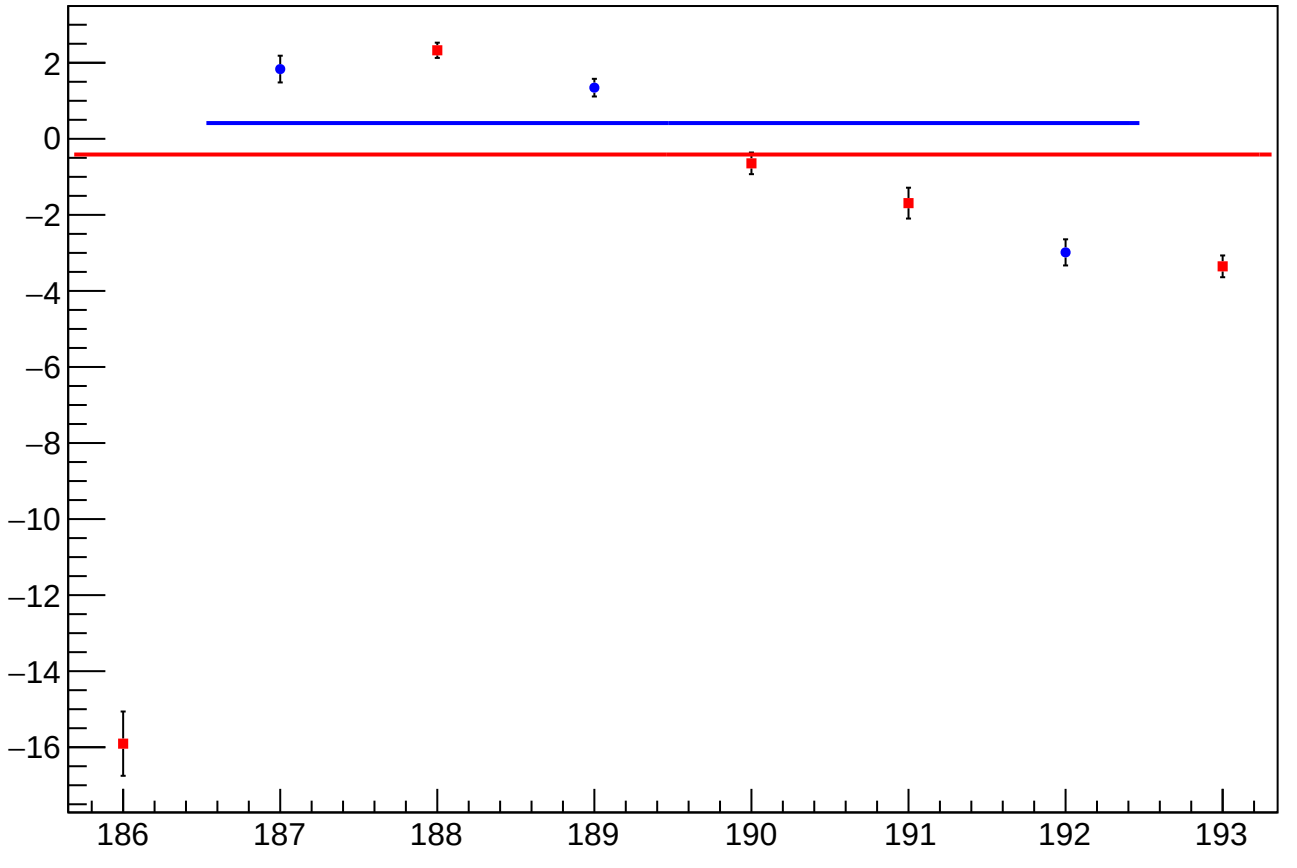
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.091+/-0.027 χ^2/NDF: 35.6/7

In: -0.046+/-0.042 χ^2/NDF:4.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.091+/-0.027 χ^2/NDF: 35.6/7



Right In: 0.414+/-0.169 χ^2/NDF: 130.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.413+/-0.133 χ^2/NDF: 638.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

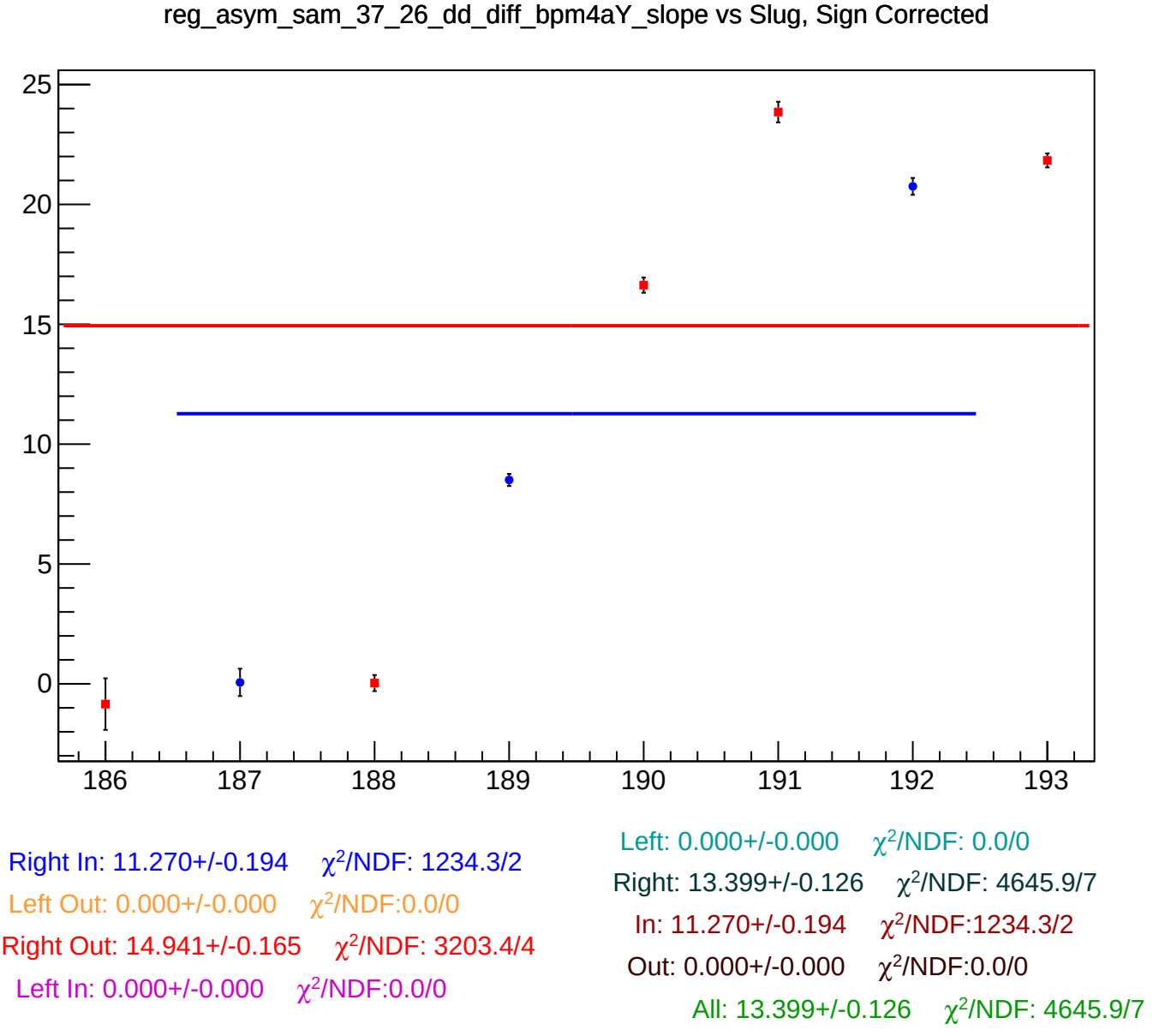
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.097+/-0.104 χ^2/NDF: 784.0/7

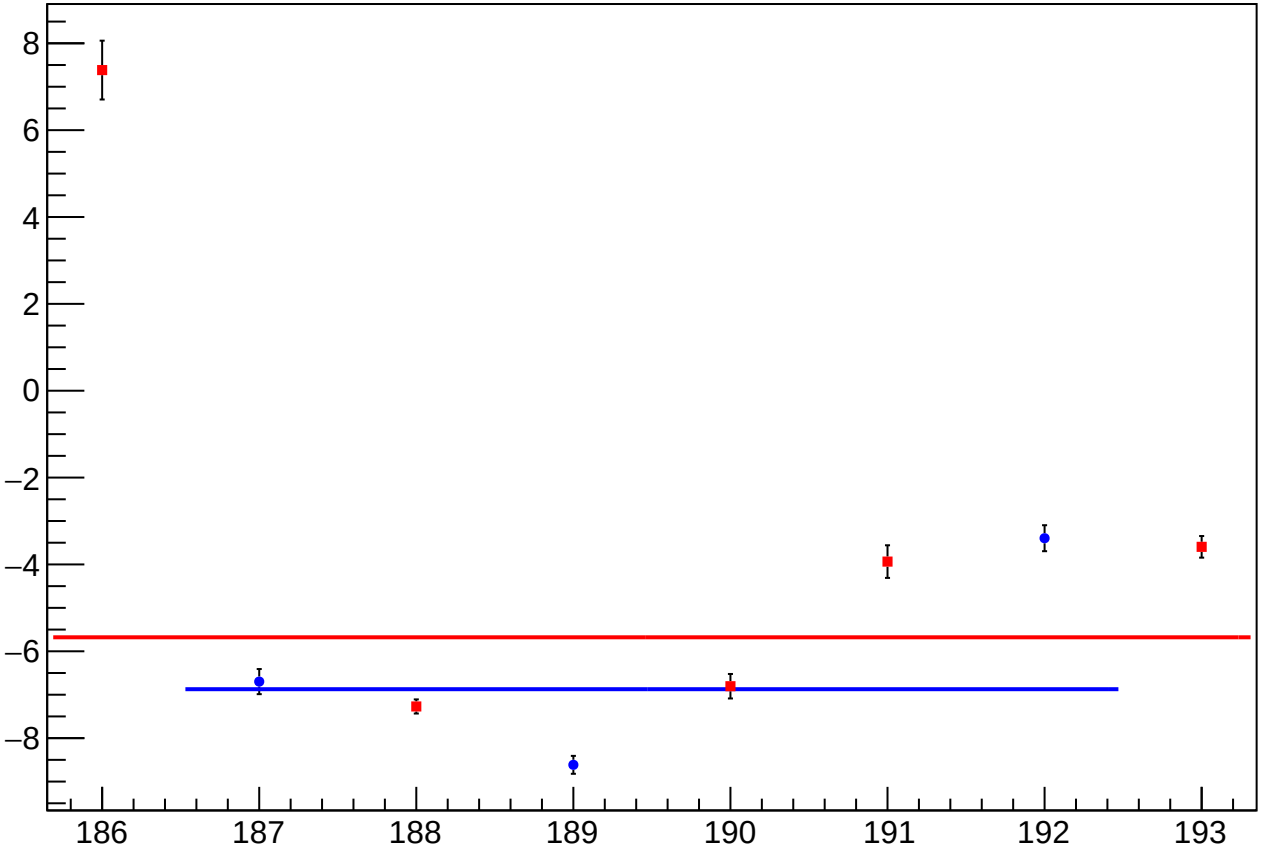
In: 0.414+/-0.169 χ^2/NDF:130.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.097+/-0.104 χ^2/NDF: 784.0/7


reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
25
20
15
10
5
0
186
187
188
189
190
191
192
193
Right In: 11.270+/-0.194 χ2/NDF: 1234.3/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 14.941+/-0.165 χ2/NDF: 3203.4/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 13.399+/-0.126 χ2/NDF: 4645.9/7
In: 11.270+/-0.194 χ2/NDF:1234.3/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 13.399+/-0.126 χ2/NDF: 4645.9/7

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.873+/-0.146 χ^2/NDF: 206.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.678+/-0.115 χ^2/NDF: 575.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

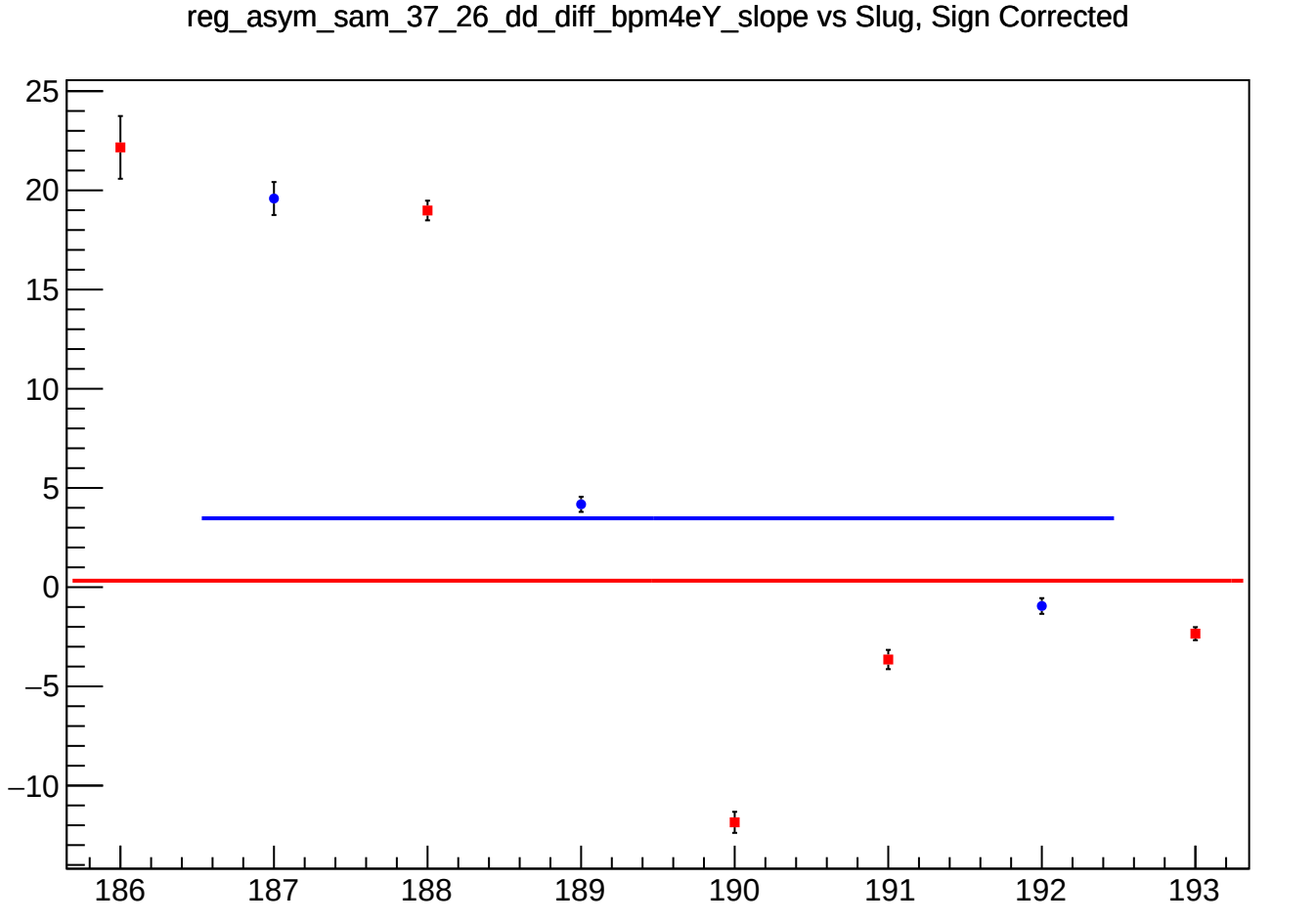
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

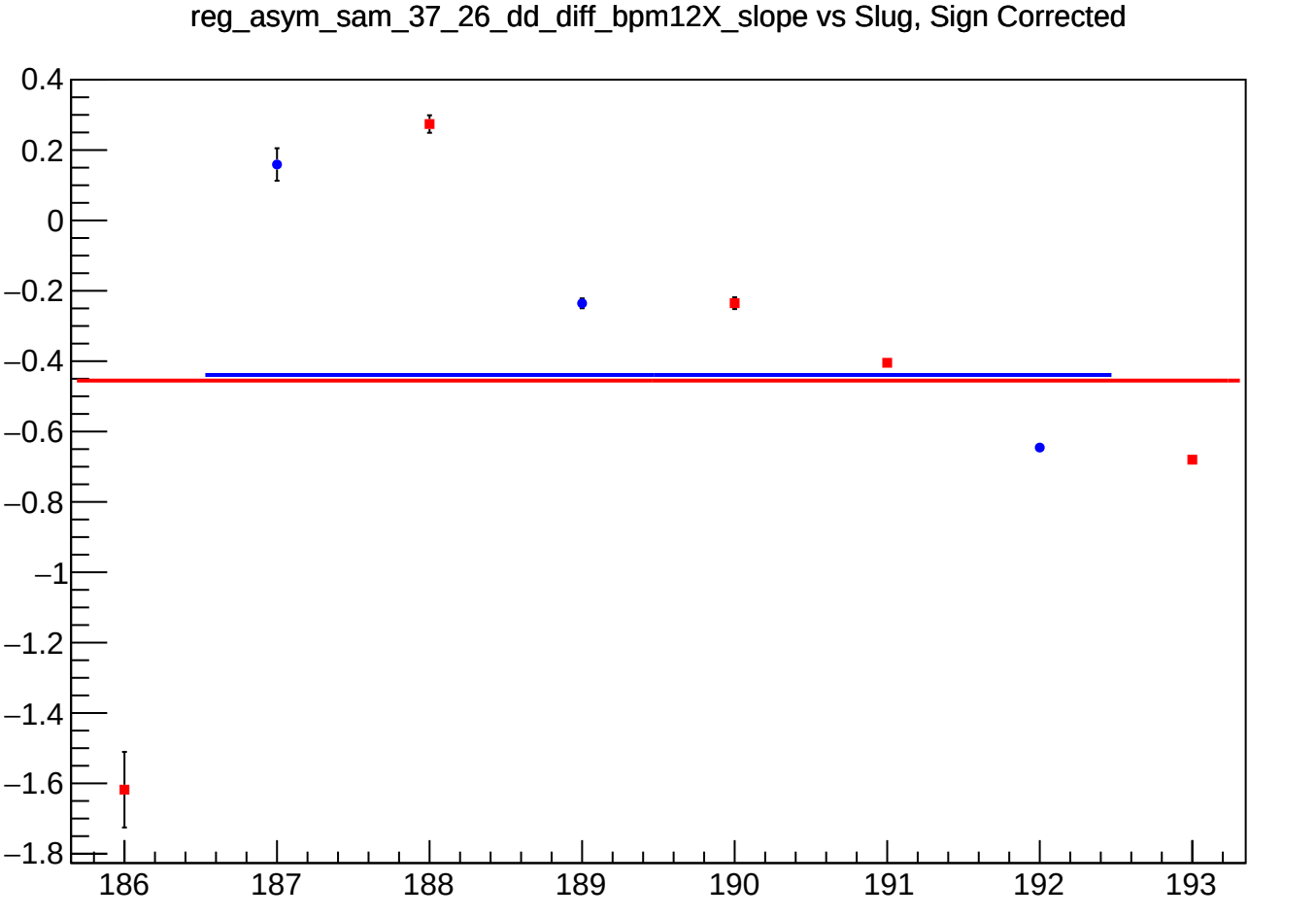
Right: -6.133+/-0.090 χ^2/NDF: 823.2/7

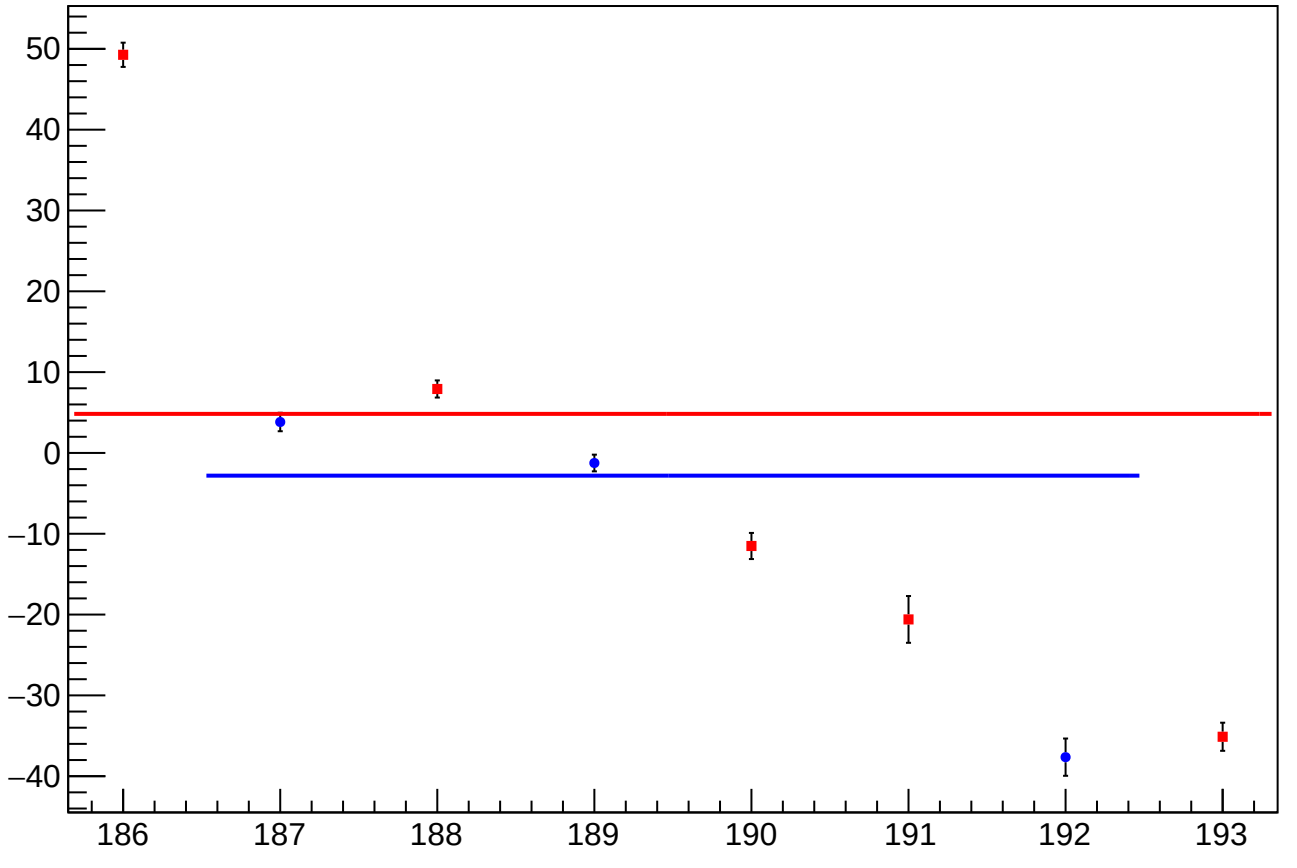
In: -6.873+/-0.146 χ^2/NDF:206.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.133+/-0.090 χ^2/NDF: 823.2/7


reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
25
20
15
10
5
0
−5
−10
186
187
188
189
190
191
192
193
Right In: 3.471+/-0.261 χ²/NDF: 504.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.326+/-0.216 χ²/NDF: 2263.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1.606+/-0.166 χ²/NDF: 2853.2/7
In: 3.471+/-0.261 χ²/NDF:504.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1.606+/-0.166 χ²/NDF: 2853.2/7


reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
−1.4
−1.6
−1.8
186
187
188
189
190
191
192
193
Right In: -0.439+/-0.009 χ²/NDF: 652.8/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -0.455+/-0.007 χ²/NDF: 1645.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -0.449+/-0.006 χ²/NDF: 2300.7/7
In: -0.439+/-0.009 χ²/NDF:652.8/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -0.449+/-0.006 χ²/NDF: 2300.7/7



Right In: -2.810+/-0.727 χ^2/NDF: 264.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.833+/-0.679 χ^2/NDF: 1593.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

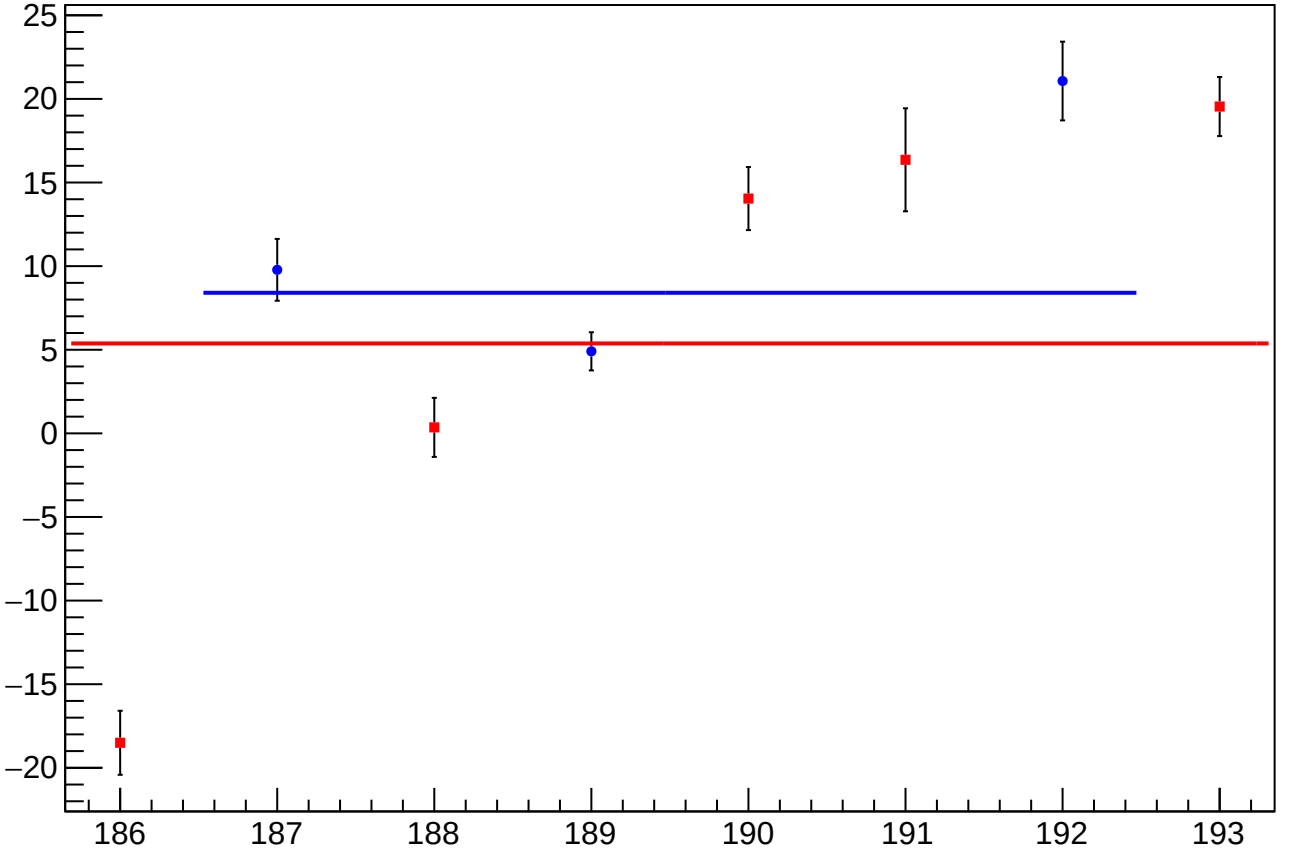
Right: 1.270+/-0.496 χ^2/NDF: 1916.4/7

In: -2.810+/-0.727 χ^2/NDF:264.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.270+/-0.496 χ^2/NDF: 1916.4/7

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.406+/-0.898 χ^2/NDF: 38.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.377+/-0.877 χ^2/NDF: 261.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

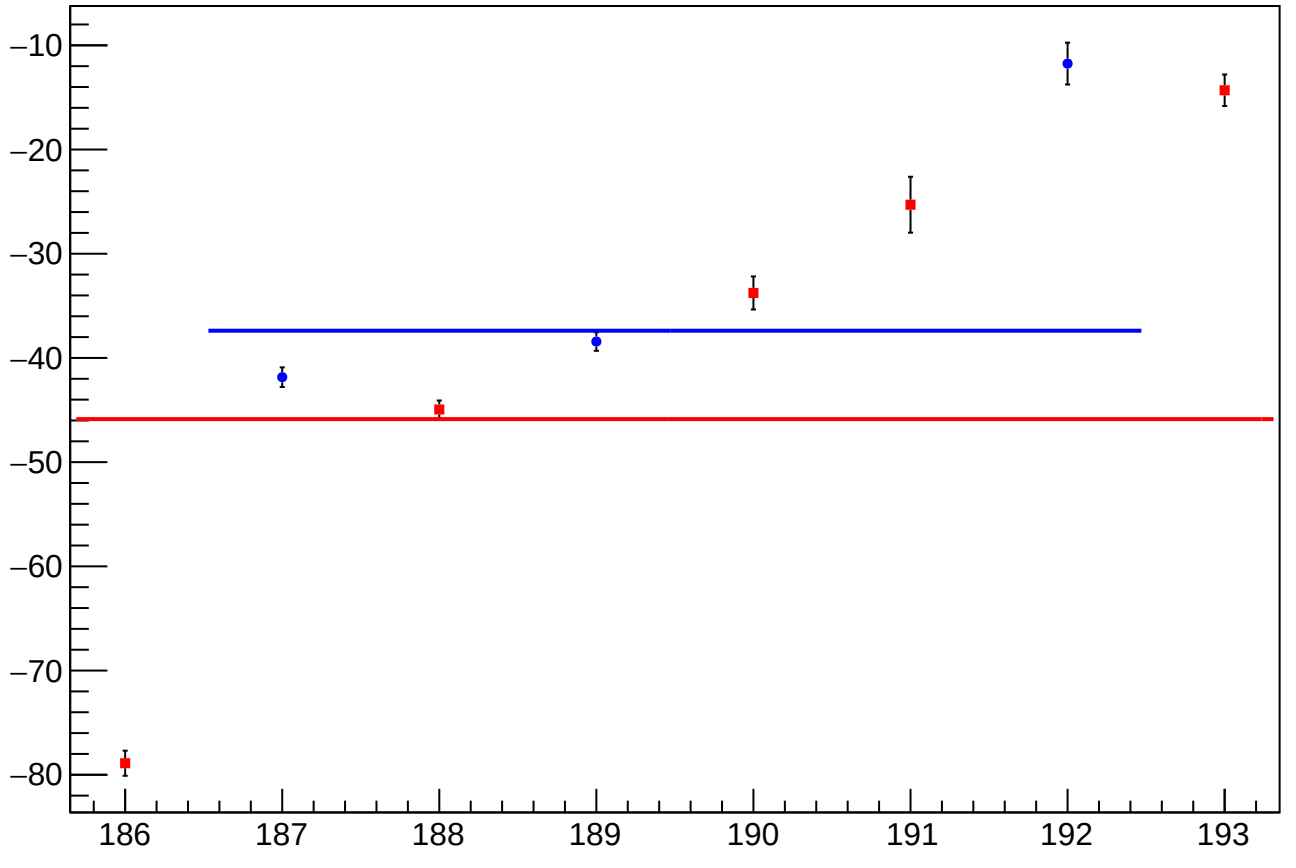
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6.856+/-0.627 χ^2/NDF: 306.5/7

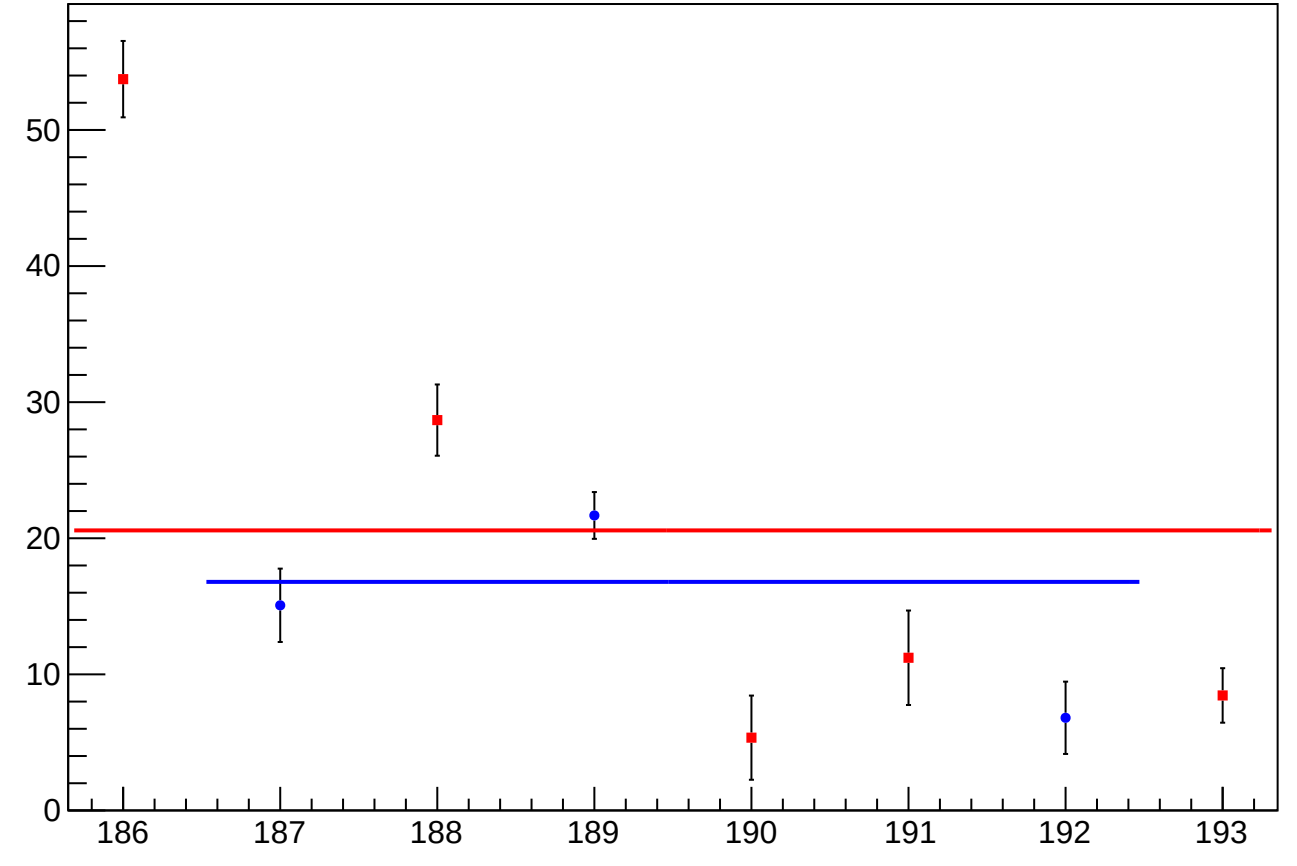
In: 8.406+/-0.898 χ^2/NDF:38.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.856+/-0.627 χ^2/NDF: 306.5/7


reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−10
−20
−30
−40
−50
−60
−70
−80
186
187
188
189
190
191
192
193
Right In: -37.386+/-0.615 χ²/NDF: 187.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -45.868+/-0.576 χ²/NDF: 1304.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -41.908+/-0.420 χ²/NDF: 1593.1/7
In: -37.386+/-0.615 χ²/NDF:187.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -41.908+/-0.420 χ²/NDF: 1593.1/7

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.795+/-1.272 χ^2/NDF: 22.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.578+/-1.187 χ^2/NDF: 217.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

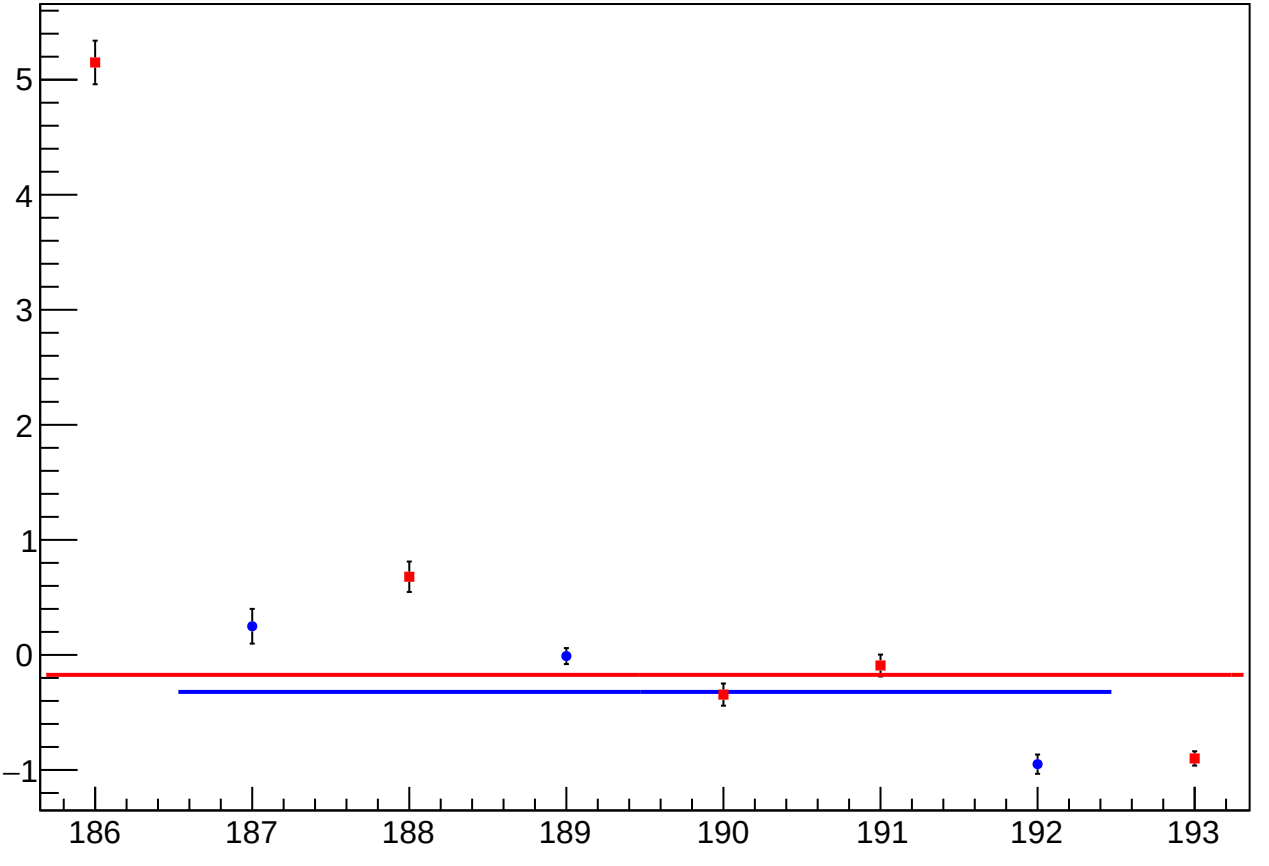
Right: 18.817+/-0.868 χ^2/NDF: 244.7/7

In: 16.795+/-1.272 χ^2/NDF:22.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.817+/-0.868 χ^2/NDF: 244.7/7

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.321+/-0.050 χ^2/NDF: 90.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.173+/-0.042 χ^2/NDF: 971.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

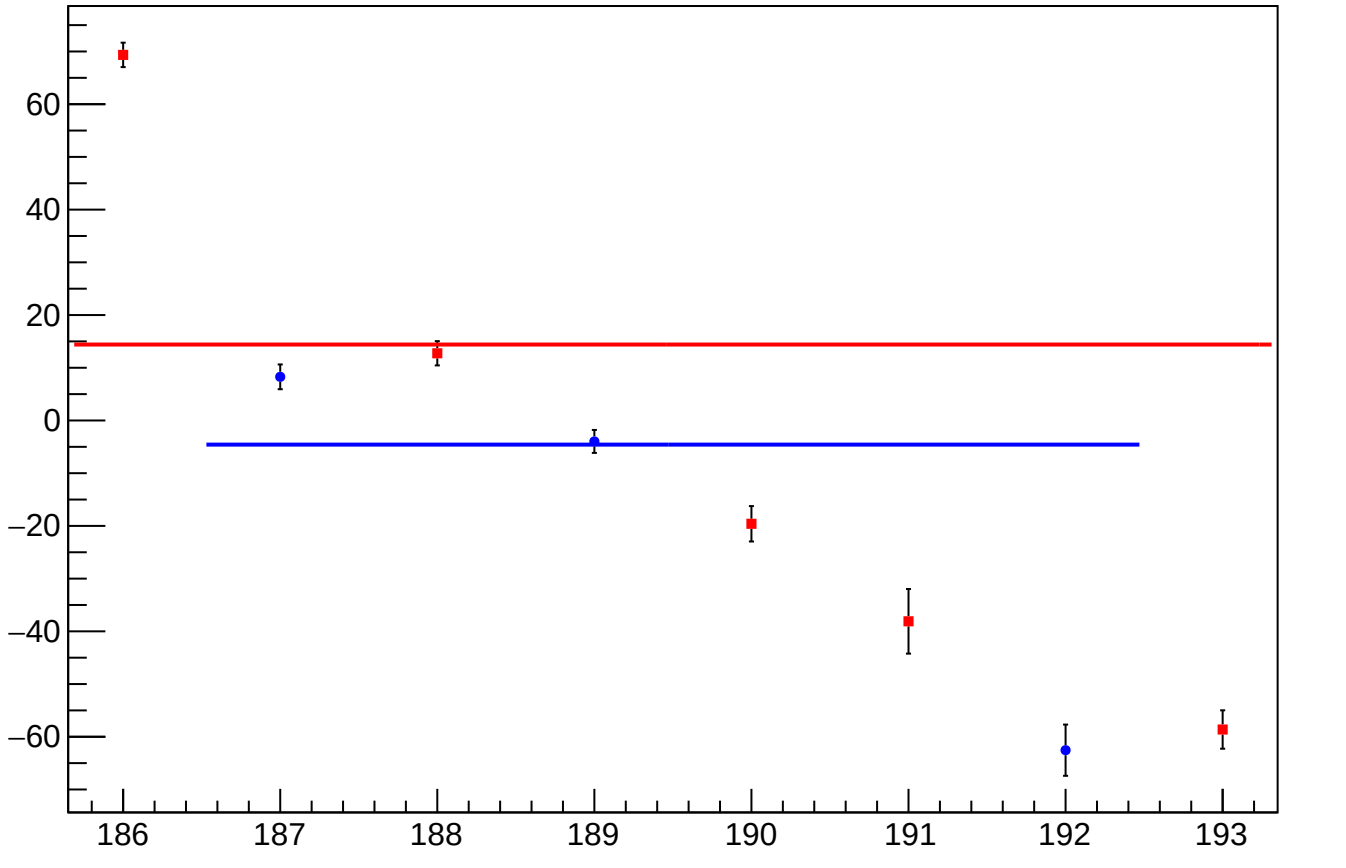
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.234+/-0.032 χ^2/NDF: 1067.4/7

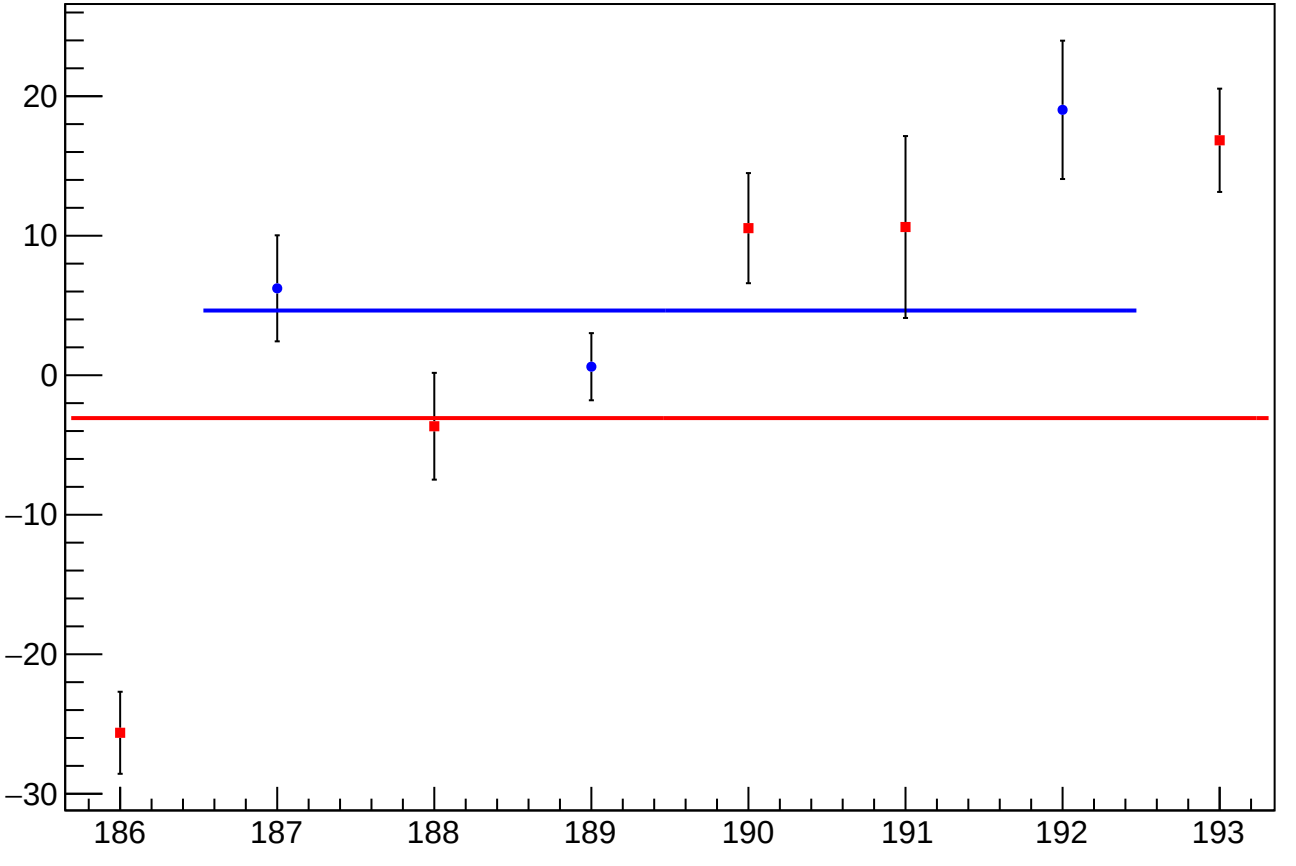
In: -0.321+/-0.050 χ^2/NDF:90.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.234+/-0.032 χ^2/NDF: 1067.4/7


reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected
60
40
20
0
−20
−40
−60
186
187
188
189
190
191
192
193
Right In: -4.579+/-1.518 χ²/NDF: 172.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 14.405+/-1.329 χ²/NDF: 1140.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 6.163+/-1.000 χ²/NDF: 1401.5/7
In: -4.579+/-1.518 χ²/NDF:172.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 6.163+/-1.000 χ²/NDF: 1401.5/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.638+/-1.881 χ^2/NDF: 11.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.072+/-1.703 χ^2/NDF: 104.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

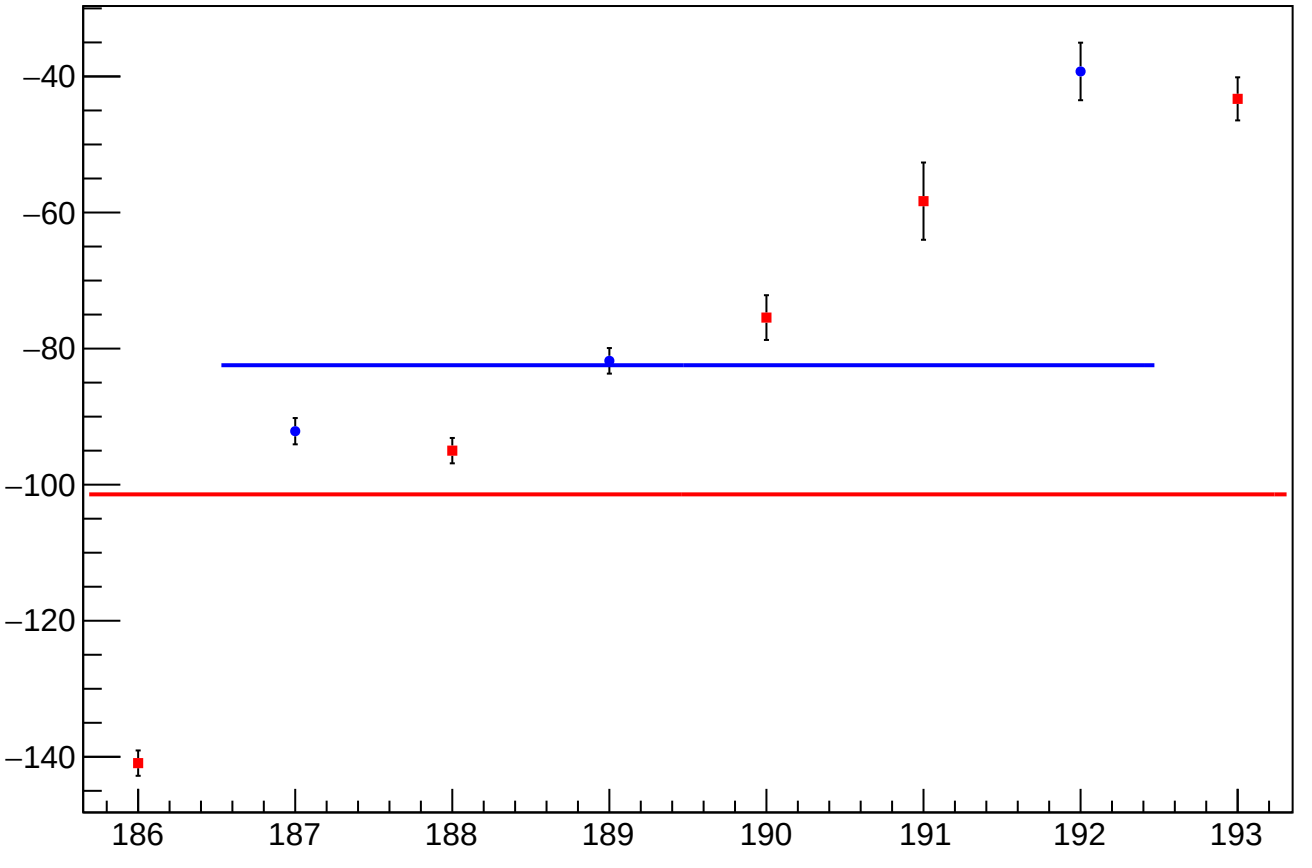
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.402+/-1.263 χ^2/NDF: 124.8/7

In: 4.638+/-1.881 χ^2/NDF:11.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.402+/-1.263 χ^2/NDF: 124.8/7



Right In: -82.444+/-1.284 χ^2/NDF: 129.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -101.426+/-1.119 χ^2/NDF: 918.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

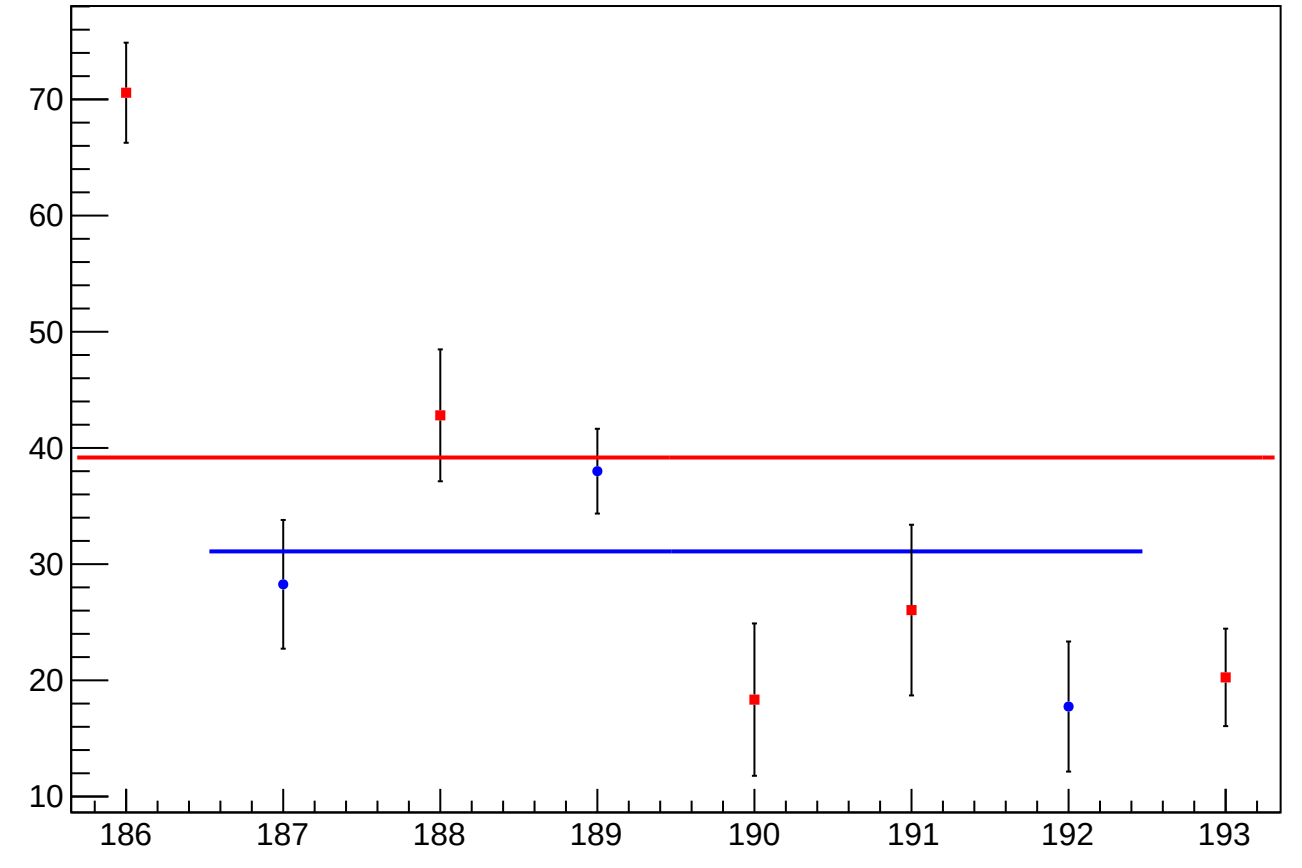
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -93.234+/-0.843 χ^2/NDF: 1172.5/7

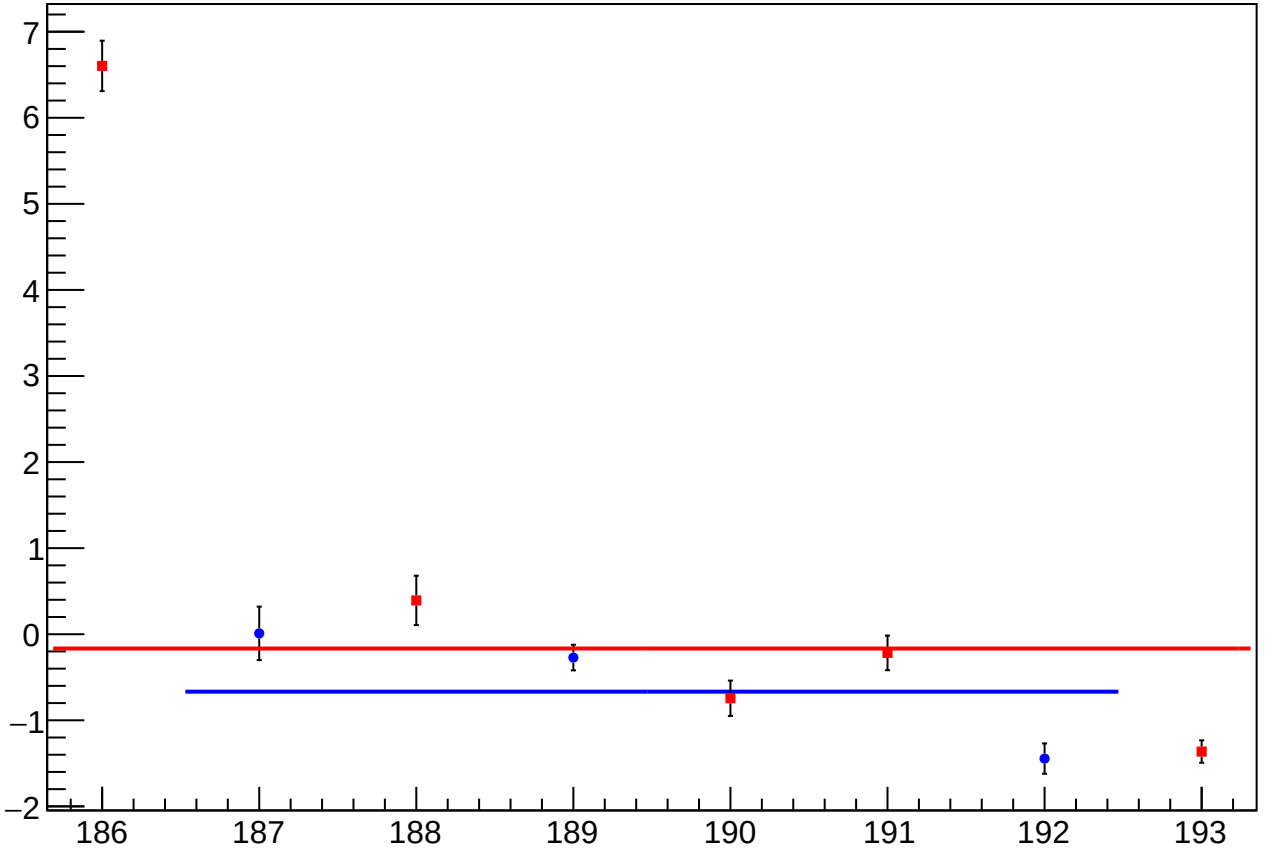
In: -82.444+/-1.284 χ^2/NDF:129.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -93.234+/-0.843 χ^2/NDF: 1172.5/7


reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
70
60
50
40
30
20
10
186
187
188
189
190
191
192
193
Right In: 31.098+/-2.676 χ2/NDF: 9.5/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 39.178+/-2.334 χ2/NDF: 87.2/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 35.687+/-1.759 χ2/NDF: 101.9/7
In: 31.098+/-2.676 χ2/NDF:9.5/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 35.687+/-1.759 χ2/NDF: 101.9/7

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.667+/-0.107 χ^2/NDF: 31.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.166+/-0.087 χ^2/NDF: 629.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

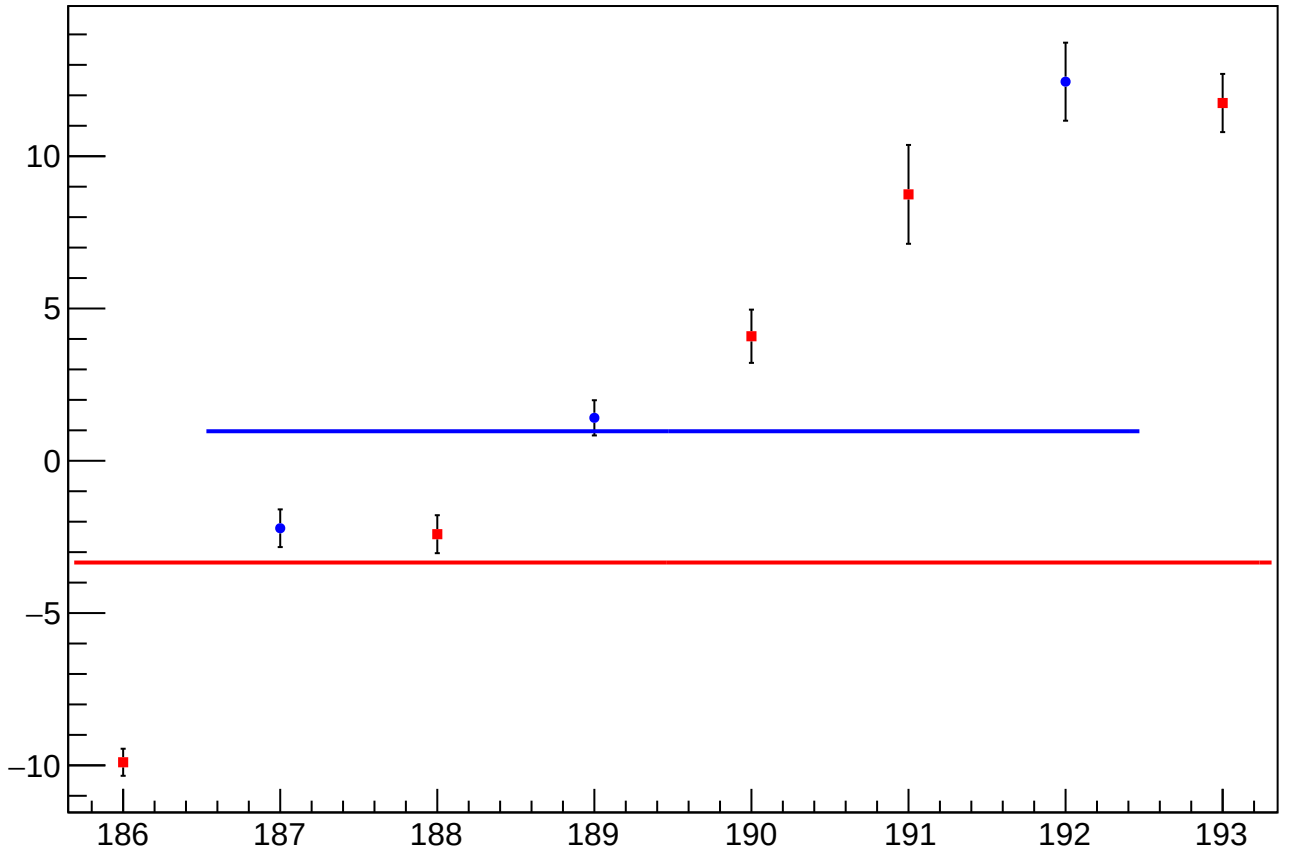
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.367+/-0.068 χ^2/NDF: 673.6/7

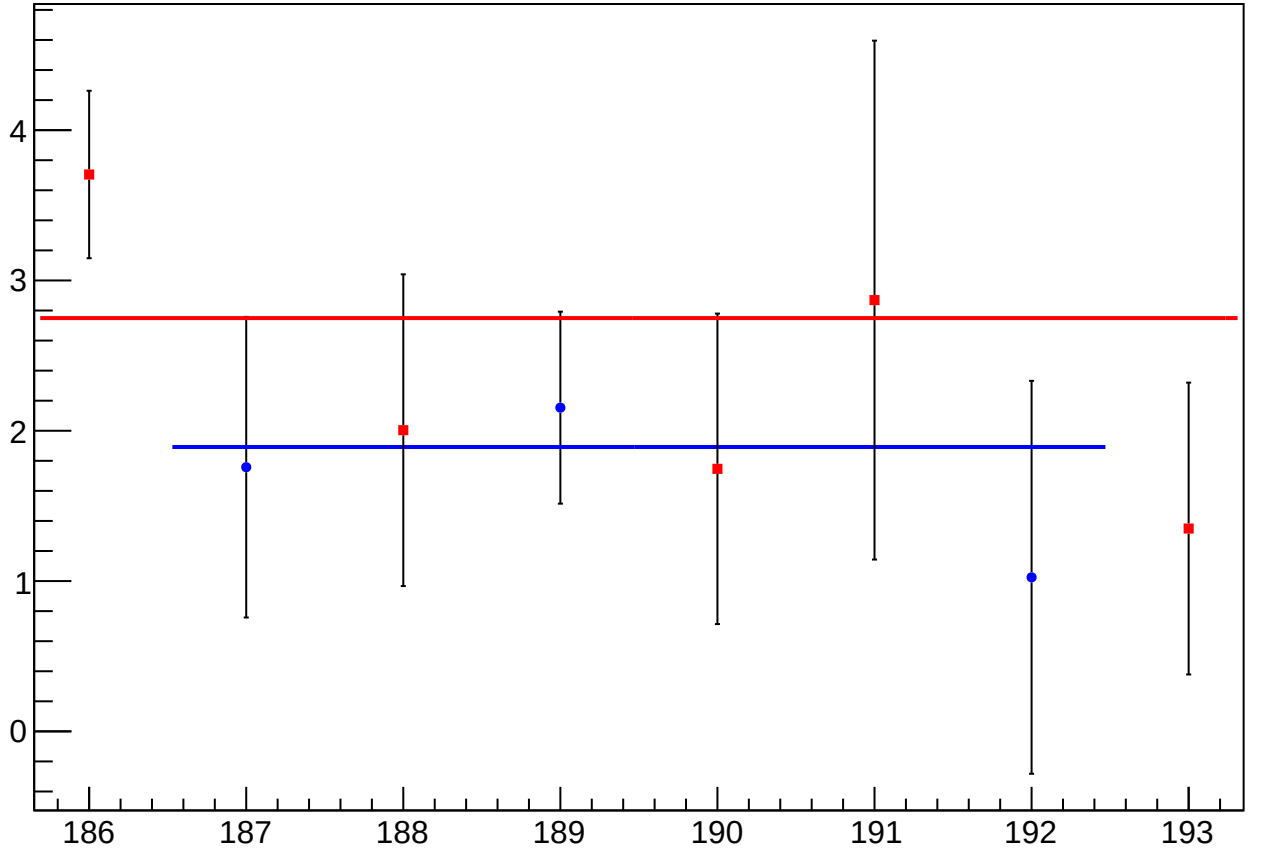
In: -0.667+/-0.107 χ^2/NDF:31.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.367+/-0.068 χ^2/NDF: 673.6/7


reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected
10
5
0
−5
−10
186
187
188
189
190
191
192
193
Right In: 0.970+/-0.401 χ²/NDF: 107.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -3.341+/-0.310 χ²/NDF: 597.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -1.731+/-0.245 χ²/NDF: 776.9/7
In: 0.970+/-0.401 χ²/NDF:107.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -1.731+/-0.245 χ²/NDF: 776.9/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.892+/-0.498 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.750+/-0.393 χ^2/NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

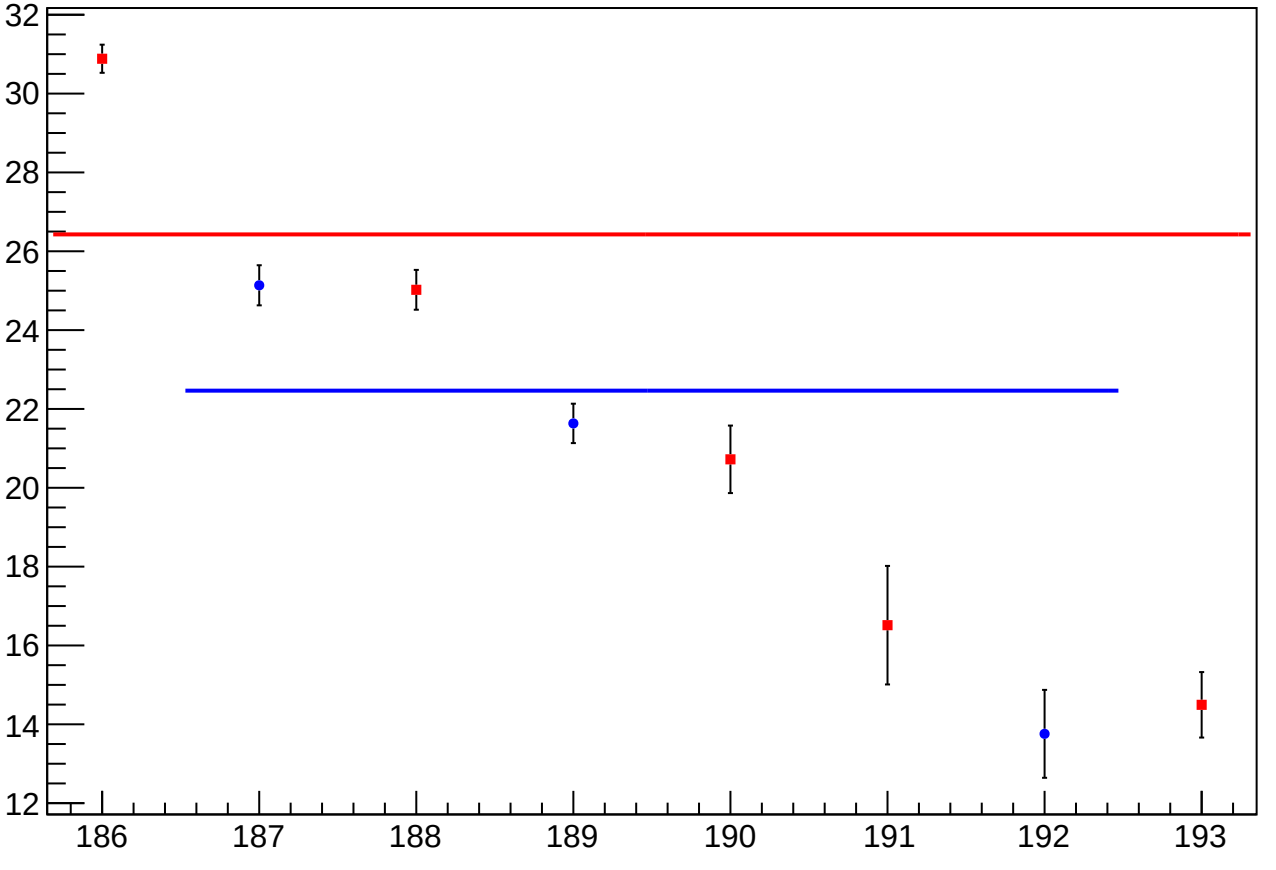
Right: 2.421+/-0.308 χ^2/NDF: 8.9/7

In: 1.892+/-0.498 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.421+/-0.308 χ^2/NDF: 8.9/7

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 22.464+/-0.340 χ^2/NDF: 91.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 26.428+/-0.258 χ^2/NDF: 457.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

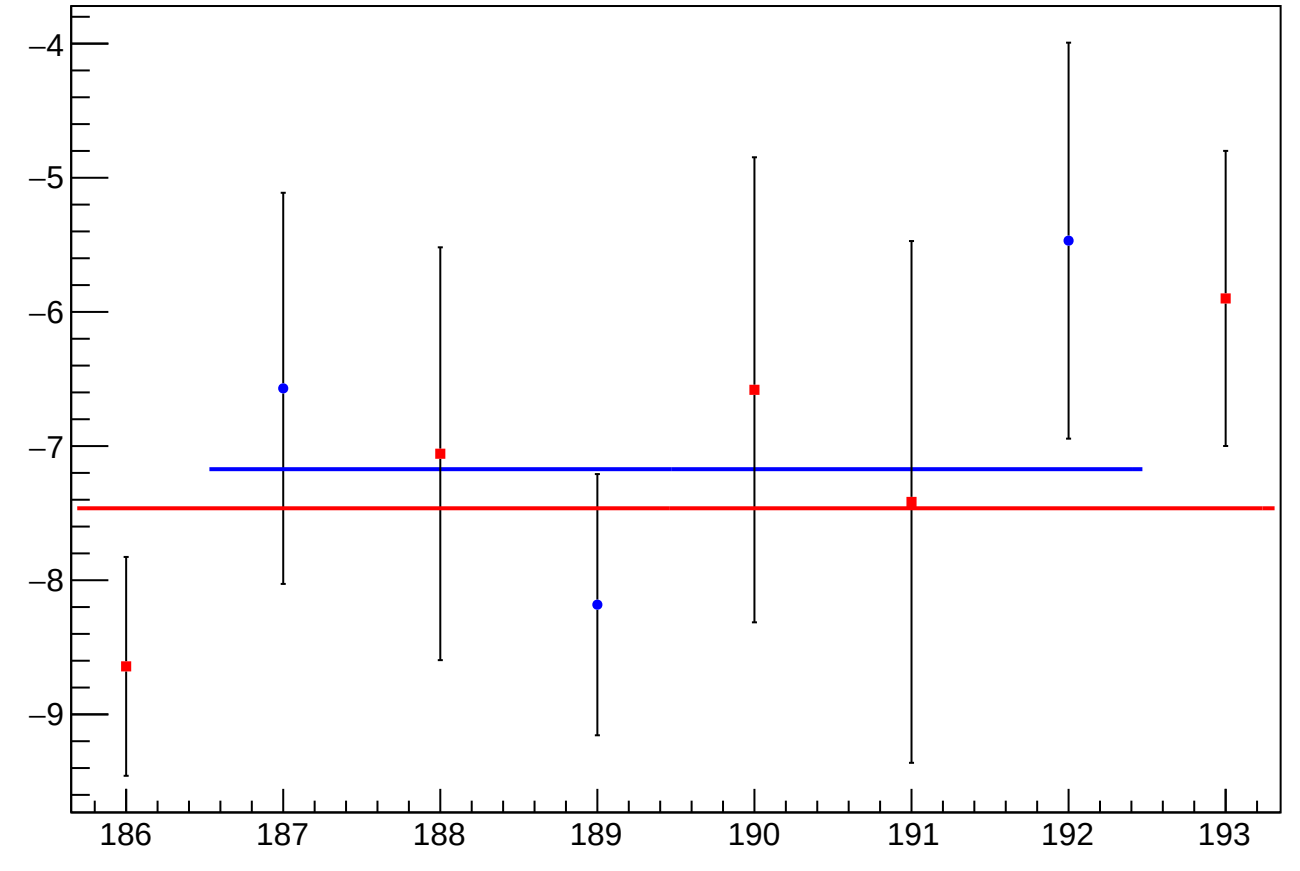
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 24.977+/-0.205 χ^2/NDF: 635.5/7

In: 22.464+/-0.340 χ^2/NDF:91.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.977+/-0.205 χ^2/NDF: 635.5/7



Right In: -7.172+/-0.710 χ^2/NDF: 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.464+/-0.546 χ^2/NDF: 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

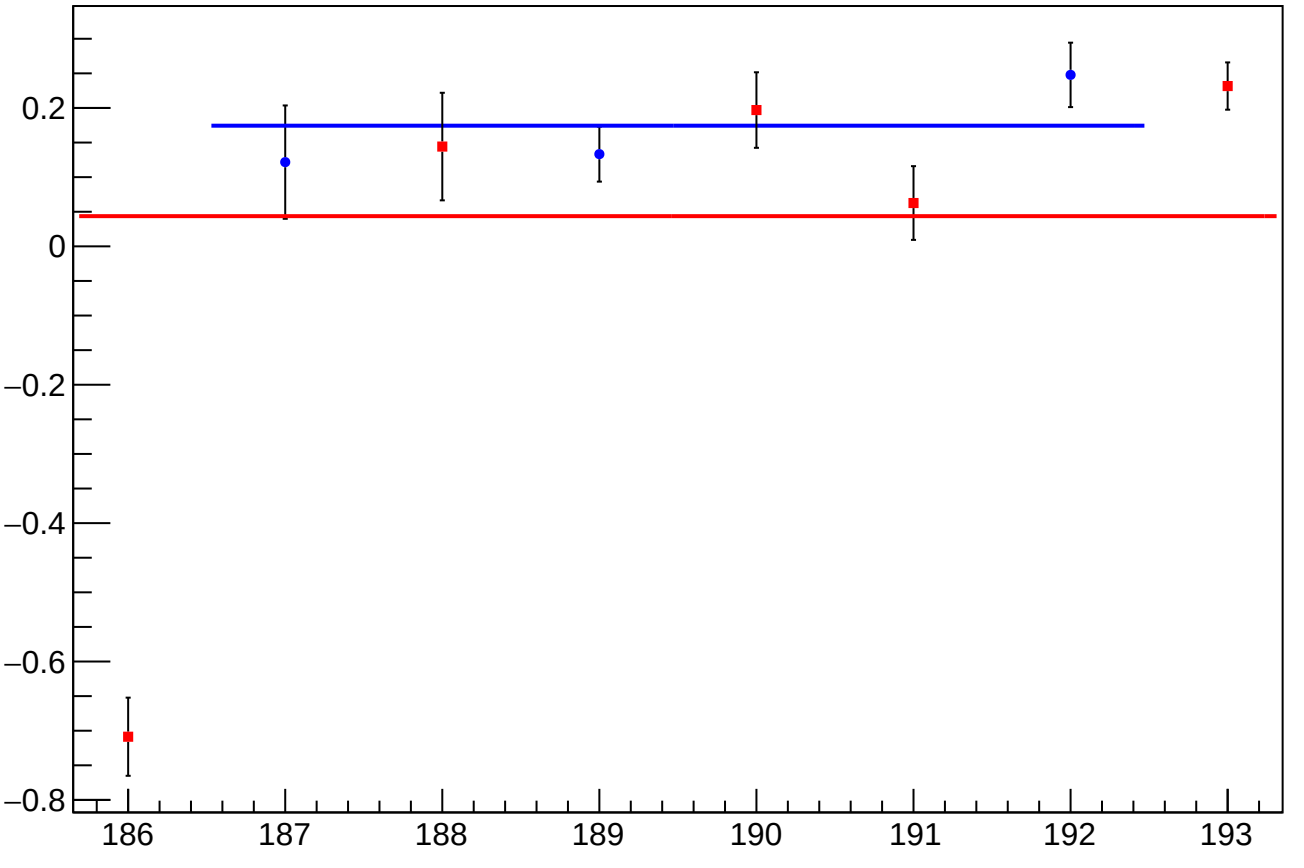
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.355+/-0.433 χ^2/NDF: 7.1/7

In: -7.172+/-0.710 χ^2/NDF:2.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.355+/-0.433 χ^2/NDF: 7.1/7



Right In: 0.174+/-0.028 χ^2/NDF: 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.044+/-0.022 χ^2/NDF: 217.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

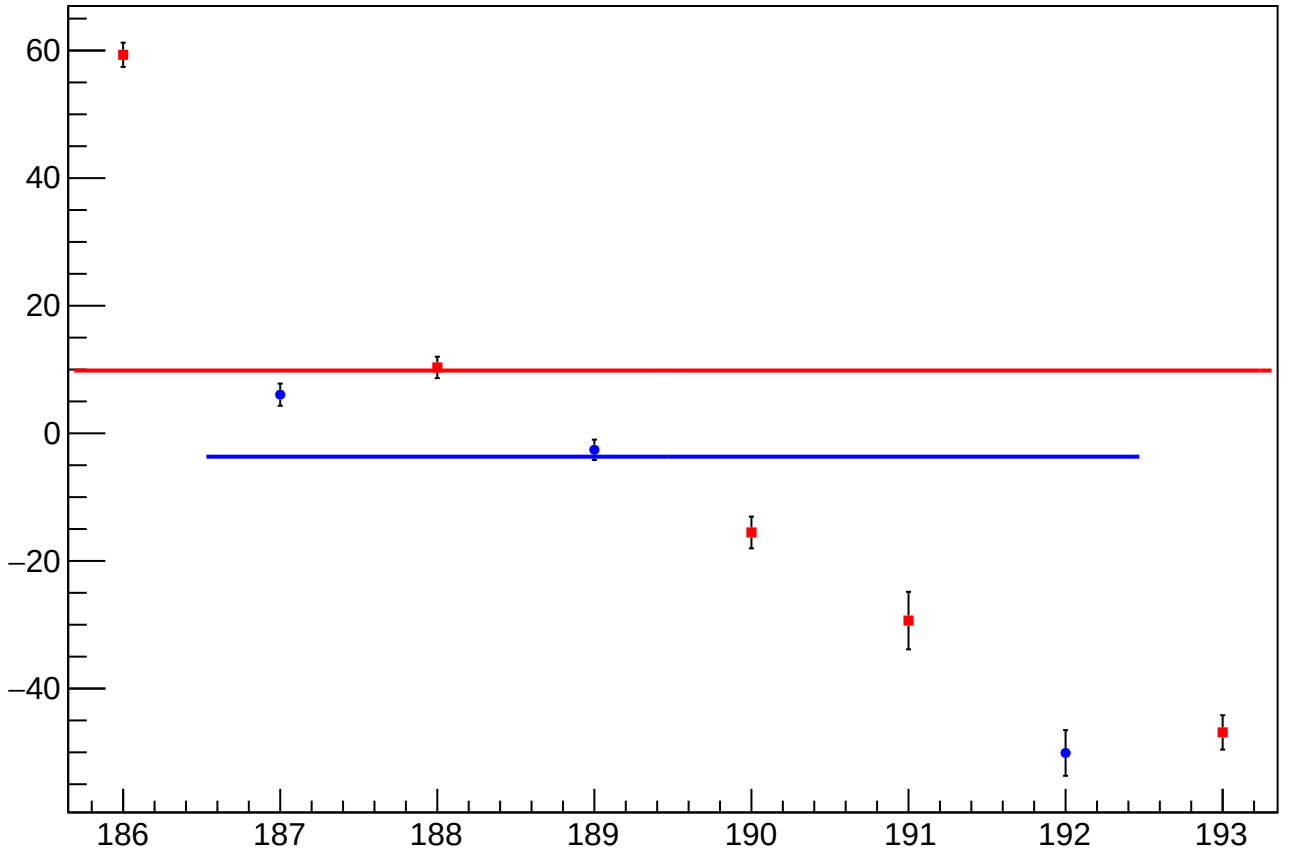
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.093+/-0.017 χ^2/NDF: 234.6/7

In: 0.174+/-0.028 χ^2/NDF:4.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.093+/-0.017 χ^2/NDF: 234.6/7



Right In: -3.659+/-1.120 χ^2/NDF: 199.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.841+/-1.010 χ^2/NDF: 1302.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

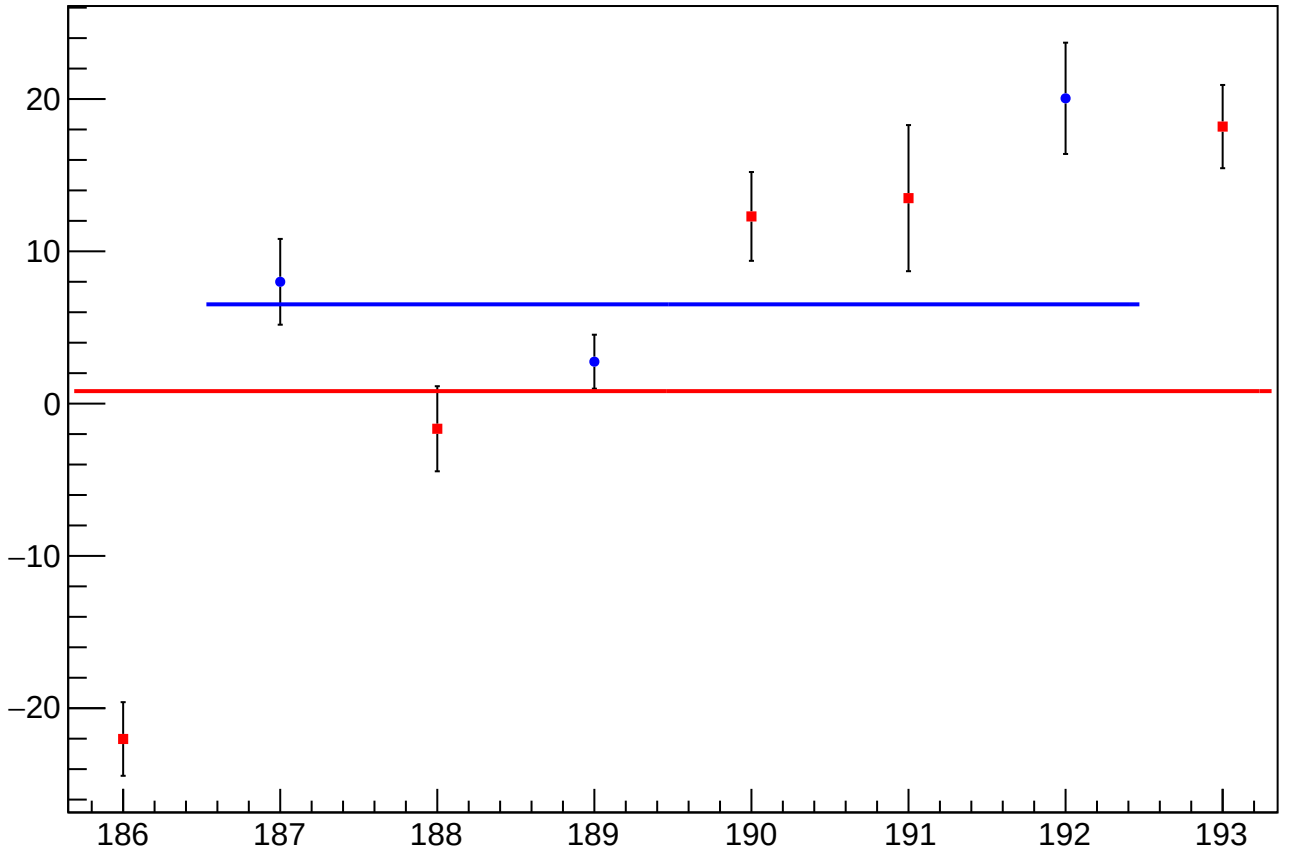
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.791+/-0.750 χ^2/NDF: 1582.4/7

In: -3.659+/-1.120 χ^2/NDF:199.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.791+/-0.750 χ^2/NDF: 1582.4/7



Right In: 6.519+/-1.387 χ^2/NDF: 18.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.820+/-1.297 χ^2/NDF: 152.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

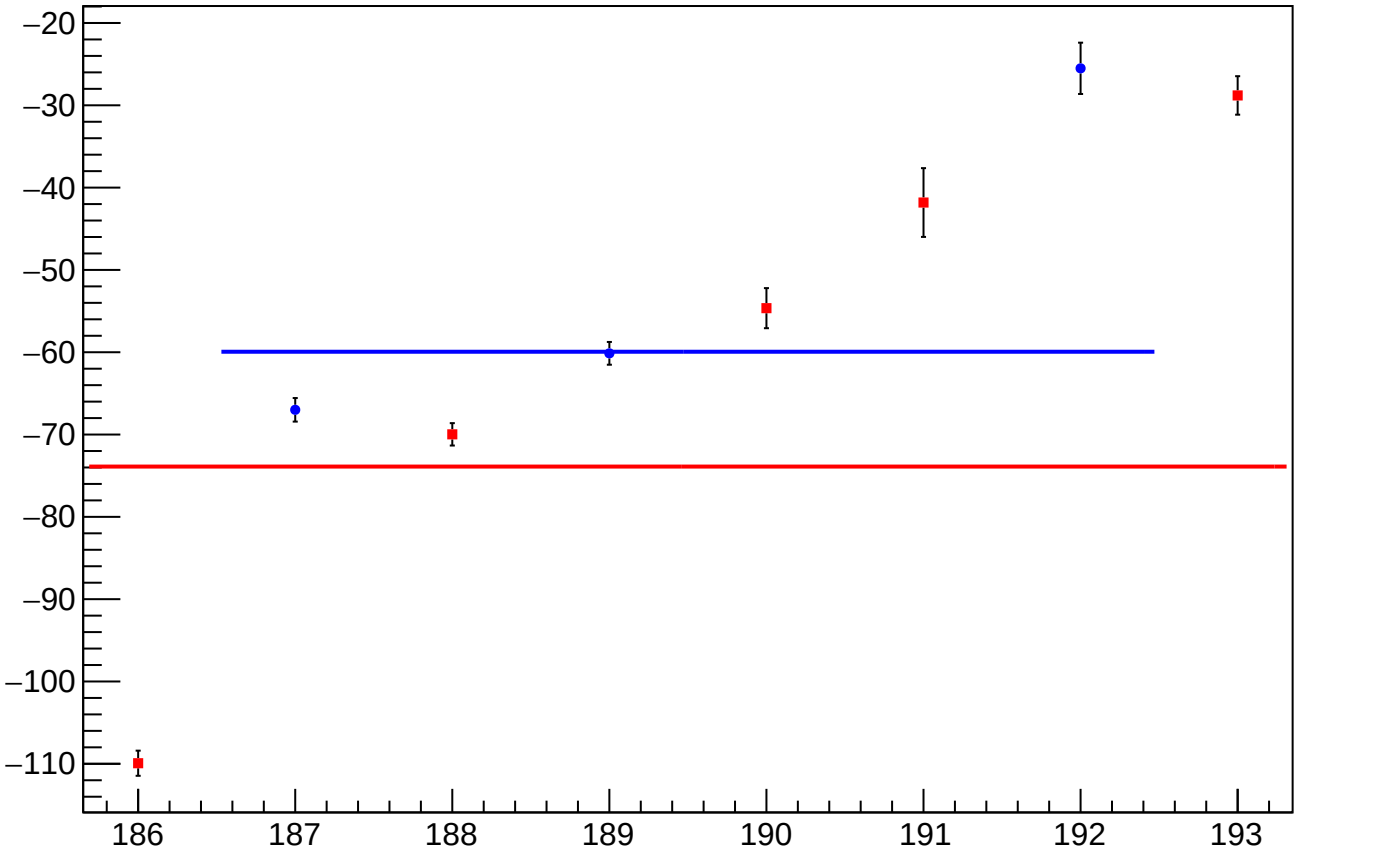
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.479+/-0.948 χ^2/NDF: 180.4/7

In: 6.519+/-1.387 χ^2/NDF:18.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.479+/-0.948 χ^2/NDF: 180.4/7



Right In: -59.940+/-0.948 χ^2/NDF: 146.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -73.890+/-0.852 χ^2/NDF: 1058.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

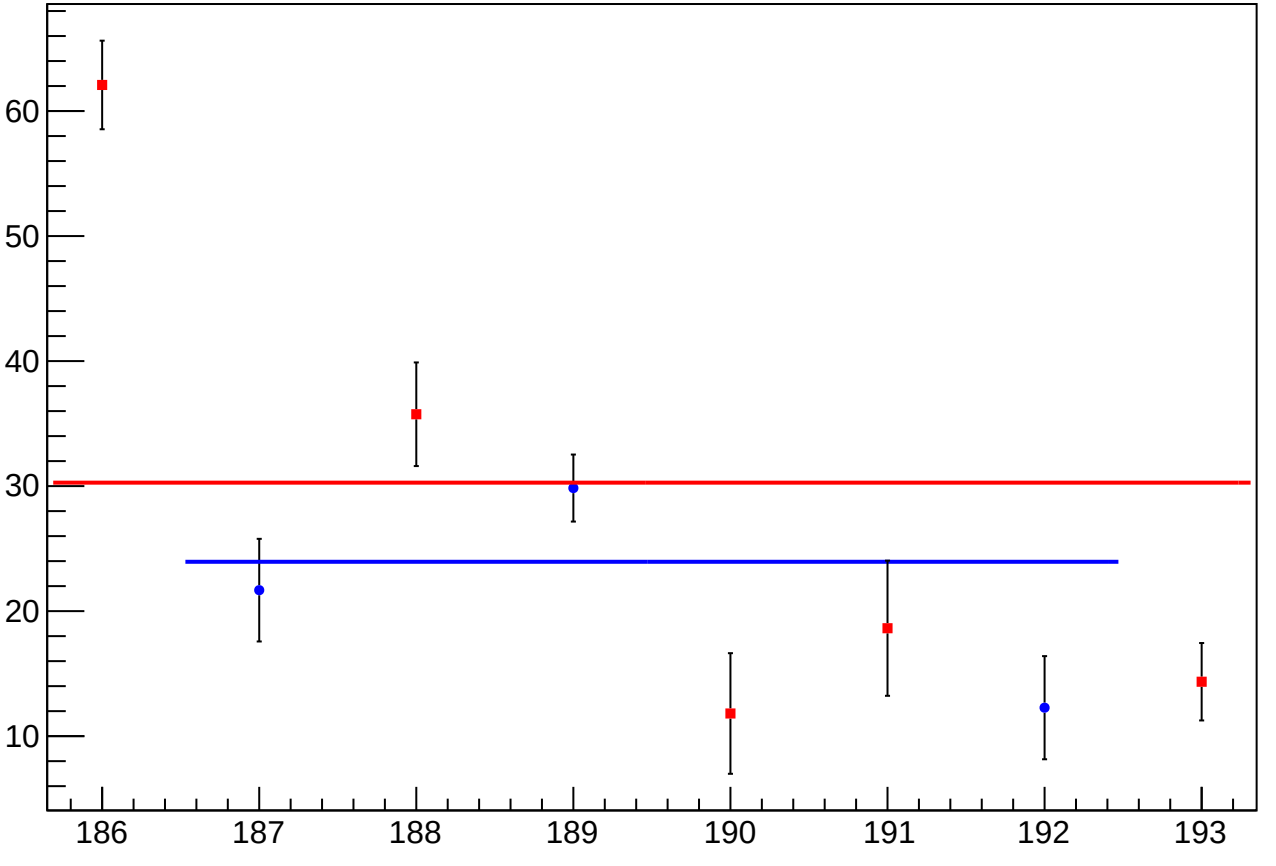
Right: -67.654+/-0.634 χ^2/NDF: 1324.4/7

In: -59.940+/-0.948 χ^2/NDF:146.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -67.654+/-0.634 χ^2/NDF: 1324.4/7

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.947+/-1.972 χ^2/NDF: 13.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.276+/-1.769 χ^2/NDF: 128.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

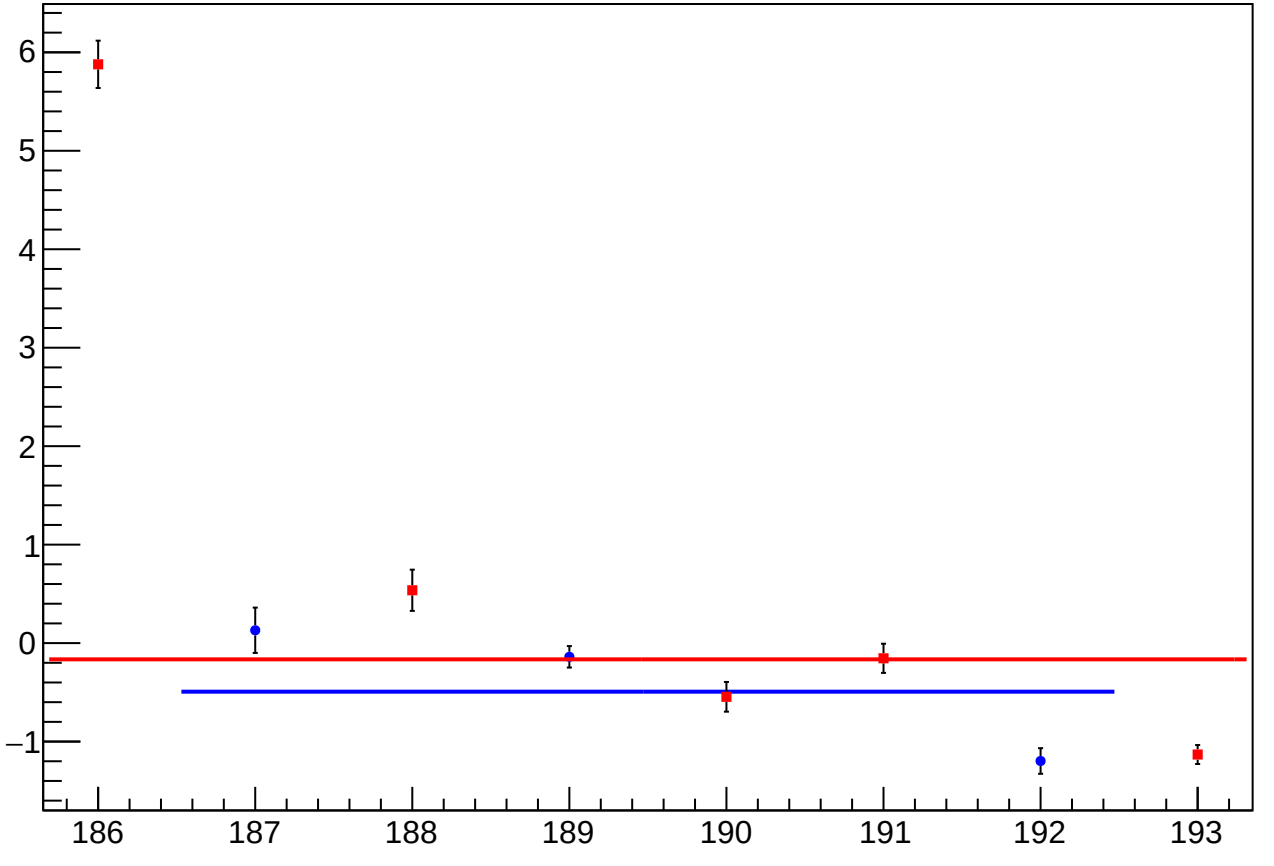
Right: 27.453+/-1.317 χ^2/NDF: 147.0/7

In: 23.947+/-1.972 χ^2/NDF:13.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.453+/-1.317 χ^2/NDF: 147.0/7

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.493+/-0.079 χ^2/NDF: 47.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.165+/-0.065 χ^2/NDF: 751.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

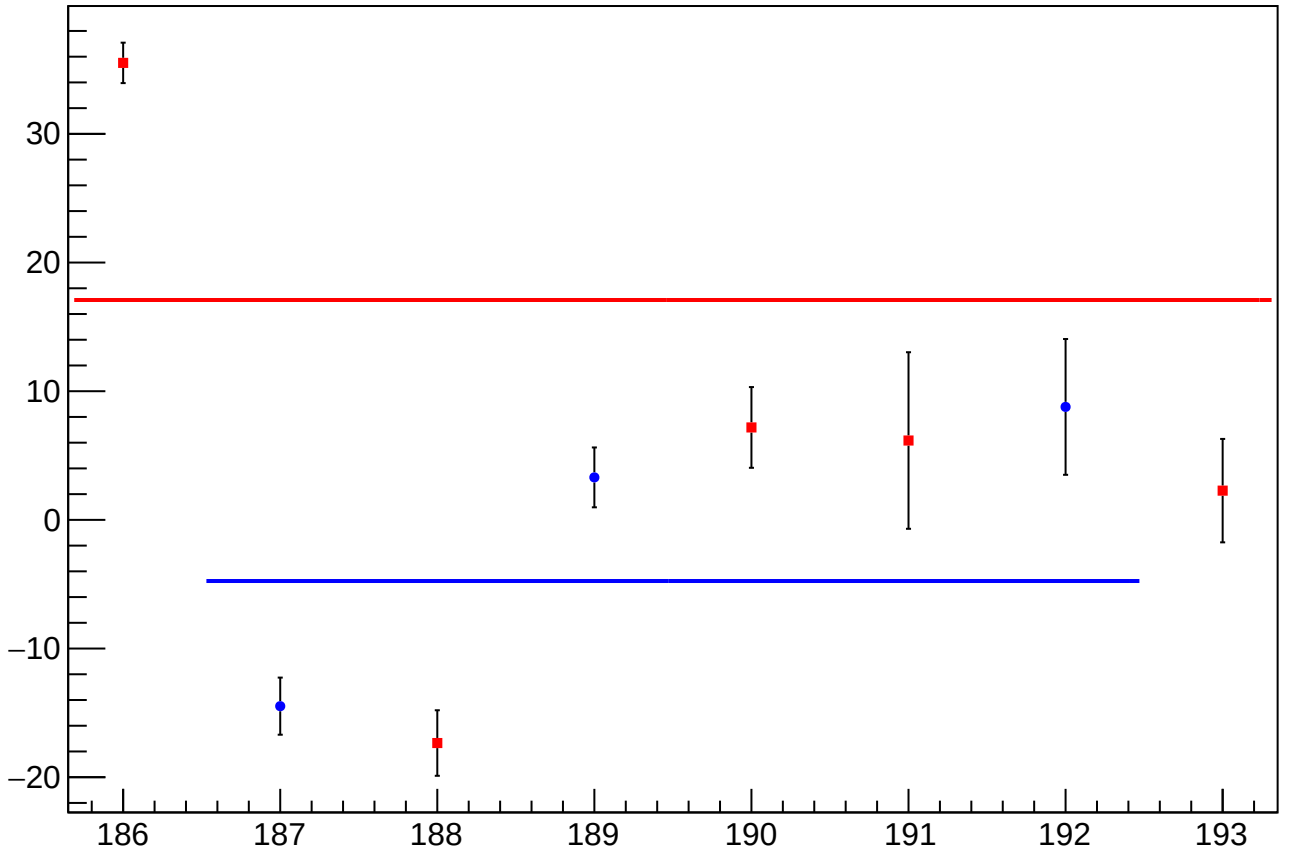
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.298+/-0.050 χ^2/NDF: 808.7/7

In: -0.493+/-0.079 χ^2/NDF:47.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.298+/-0.050 χ^2/NDF: 808.7/7



Right In: -4.751+/-1.536 χ^2/NDF: 37.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.089+/-1.159 χ^2/NDF: 346.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

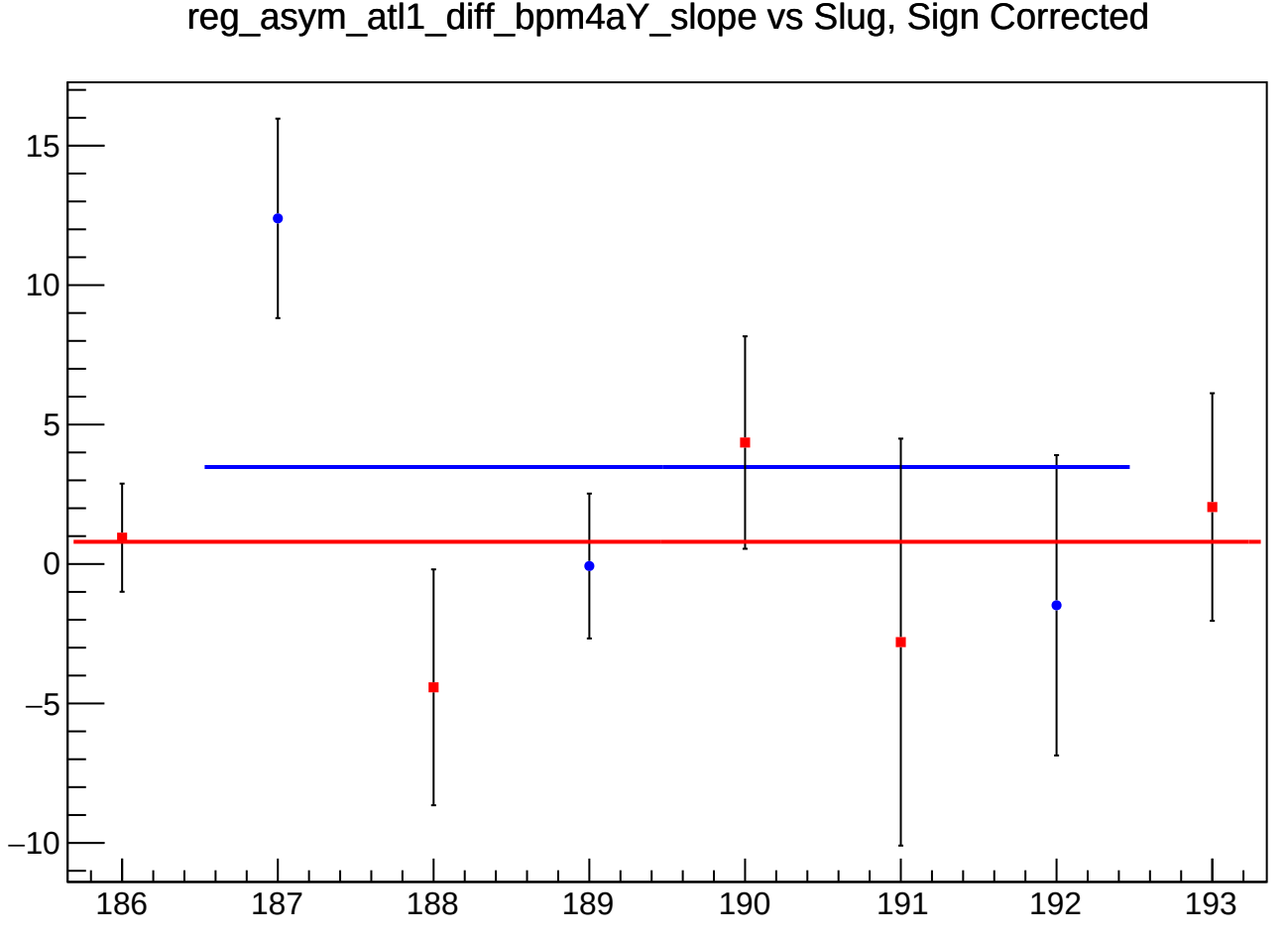
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

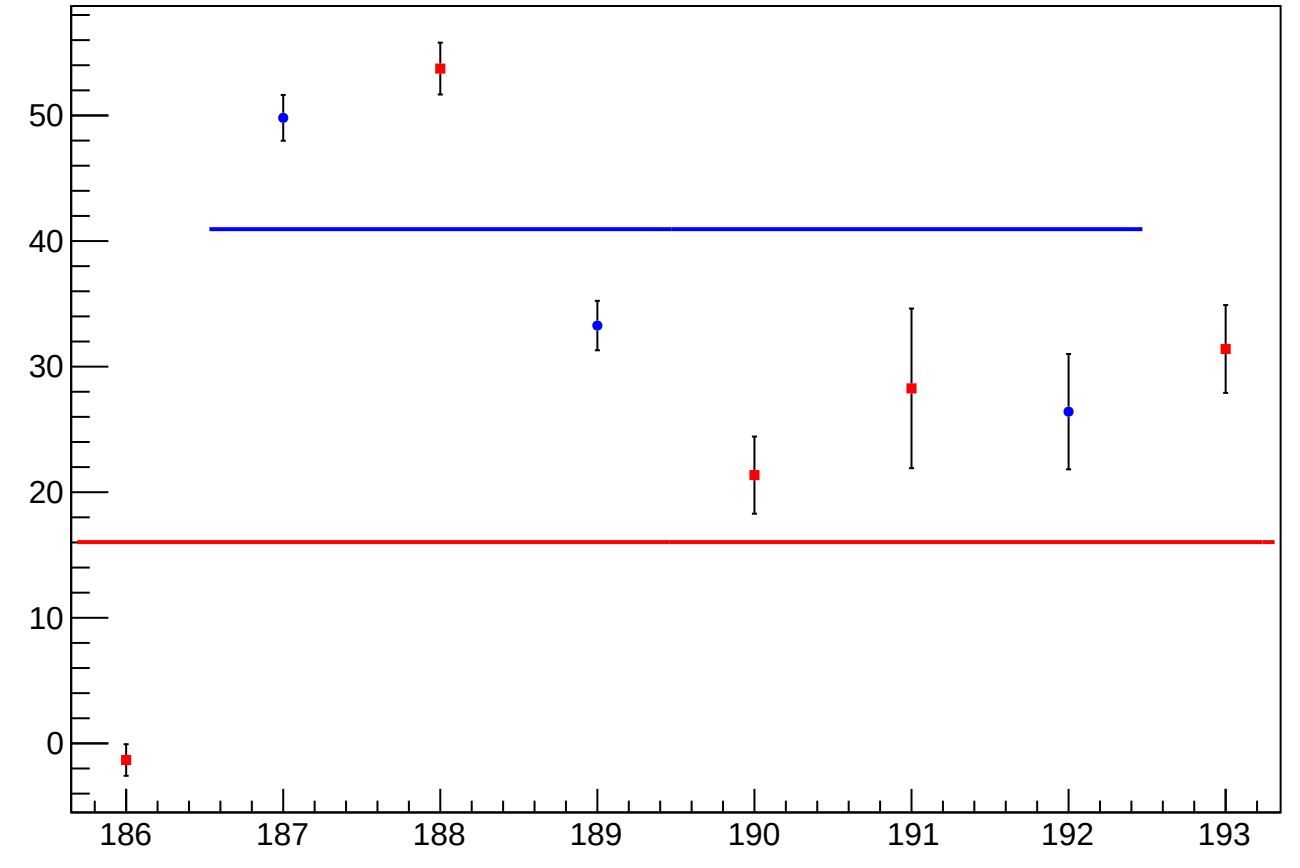
Right: 9.164+/-0.925 χ^2/NDF: 512.9/7

In: -4.751+/-1.536 χ^2/NDF:37.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.164+/-0.925 χ^2/NDF: 512.9/7


reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected
15
10
5
0
−5
−10
186
187
188
189
190
191
192
193
Right In: 3.478+/-1.958 χ²/NDF: 8.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.796+/-1.459 χ²/NDF: 2.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1.754+/-1.170 χ²/NDF: 12.9/7
In: 3.478+/-1.958 χ²/NDF:8.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1.754+/-1.170 χ²/NDF: 12.9/7



Right In: 40.946+/-1.285 χ^2/NDF: 48.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.029+/-0.962 χ^2/NDF: 550.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

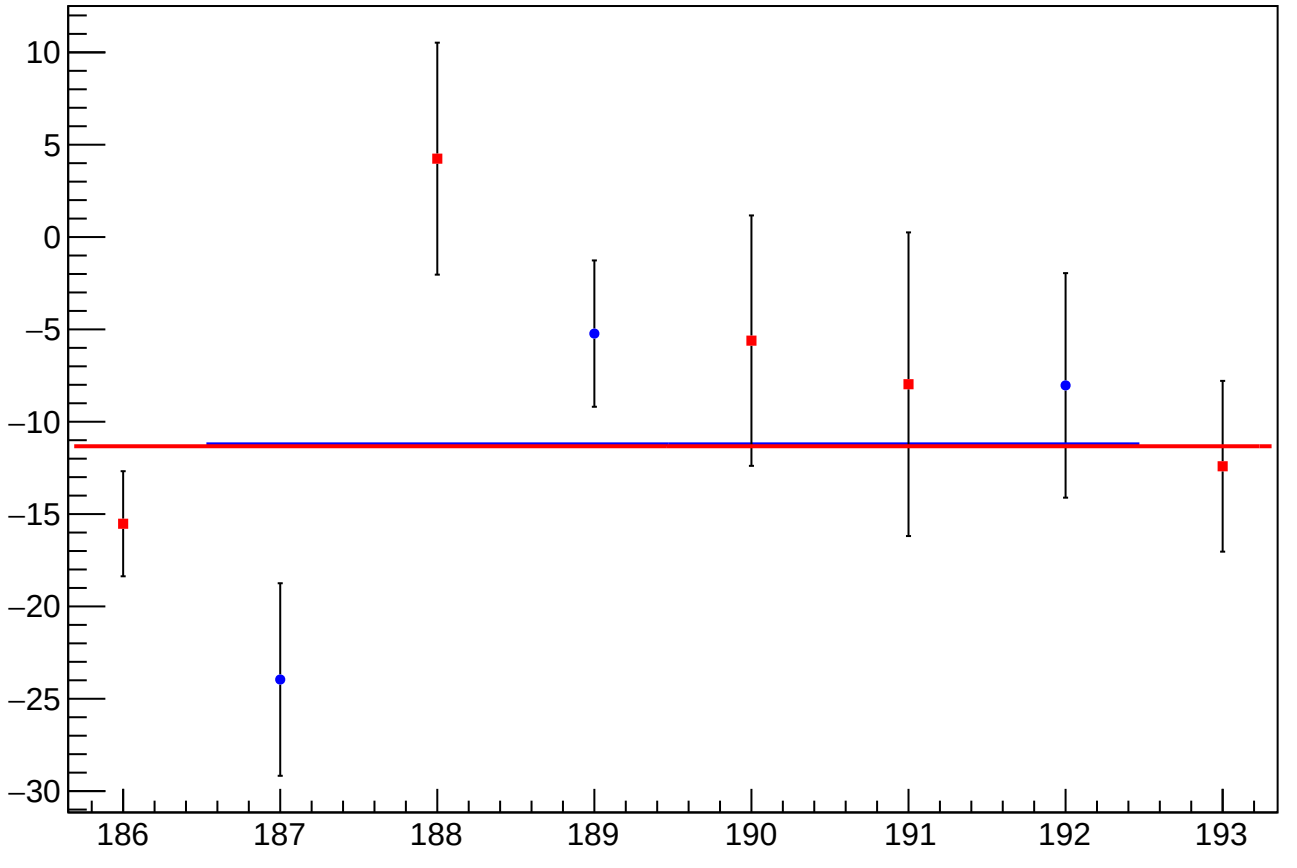
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

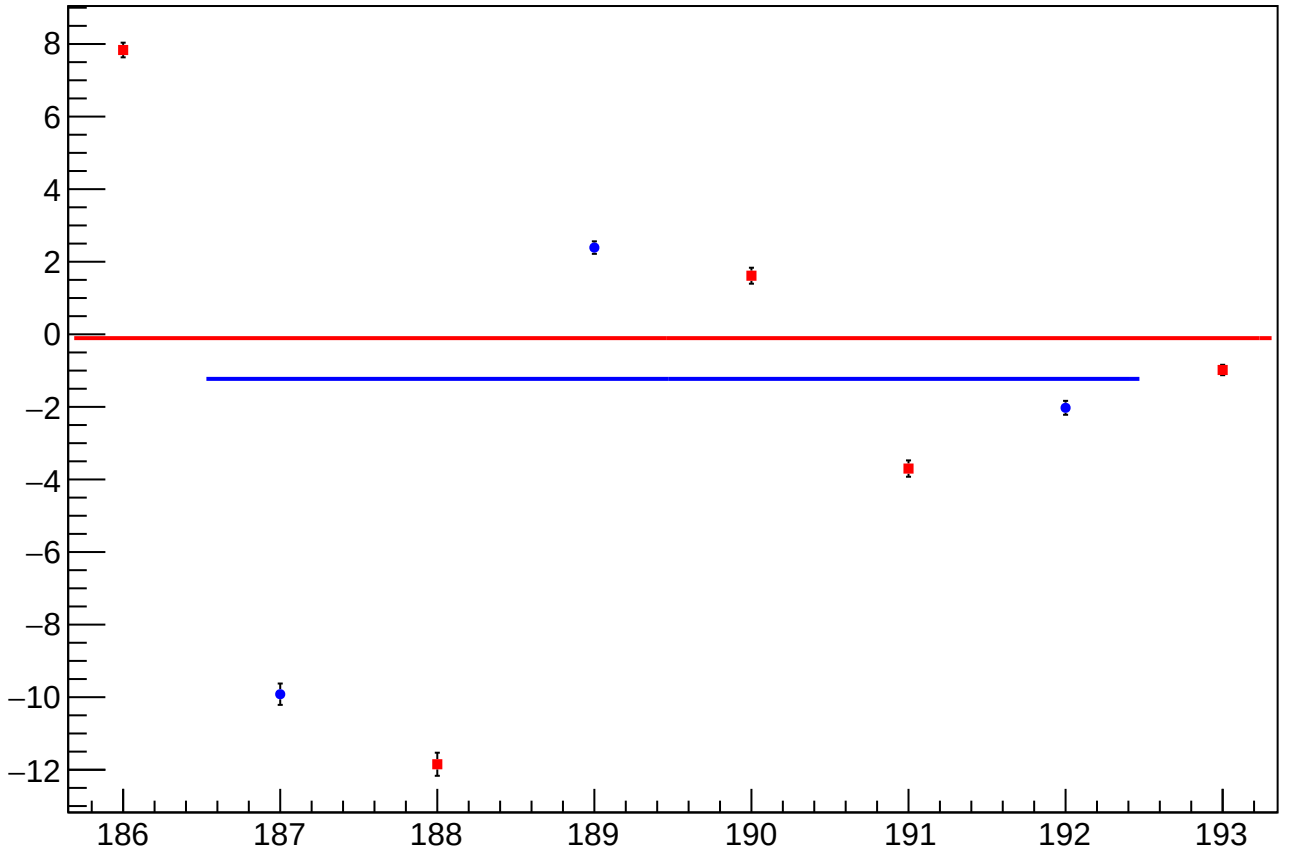
Right: 24.981+/-0.770 χ^2/NDF: 840.3/7

In: 40.946+/-1.285 χ^2/NDF:48.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.981+/-0.770 χ^2/NDF: 840.3/7


reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected
10
5
0
−5
−10
−15
−20
−25
−30
186
187
188
189
190
191
192
193
Right In: -11.226+/-2.800 χ²/NDF: 8.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -11.328+/-2.075 χ²/NDF: 9.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -11.292+/-1.667 χ²/NDF: 17.8/7
In: -11.226+/-2.800 χ²/NDF:8.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -11.292+/-1.667 χ²/NDF: 17.8/7



Right In: -1.228+/-0.117 χ^2/NDF: 1330.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.105+/-0.090 χ^2/NDF: 3256.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

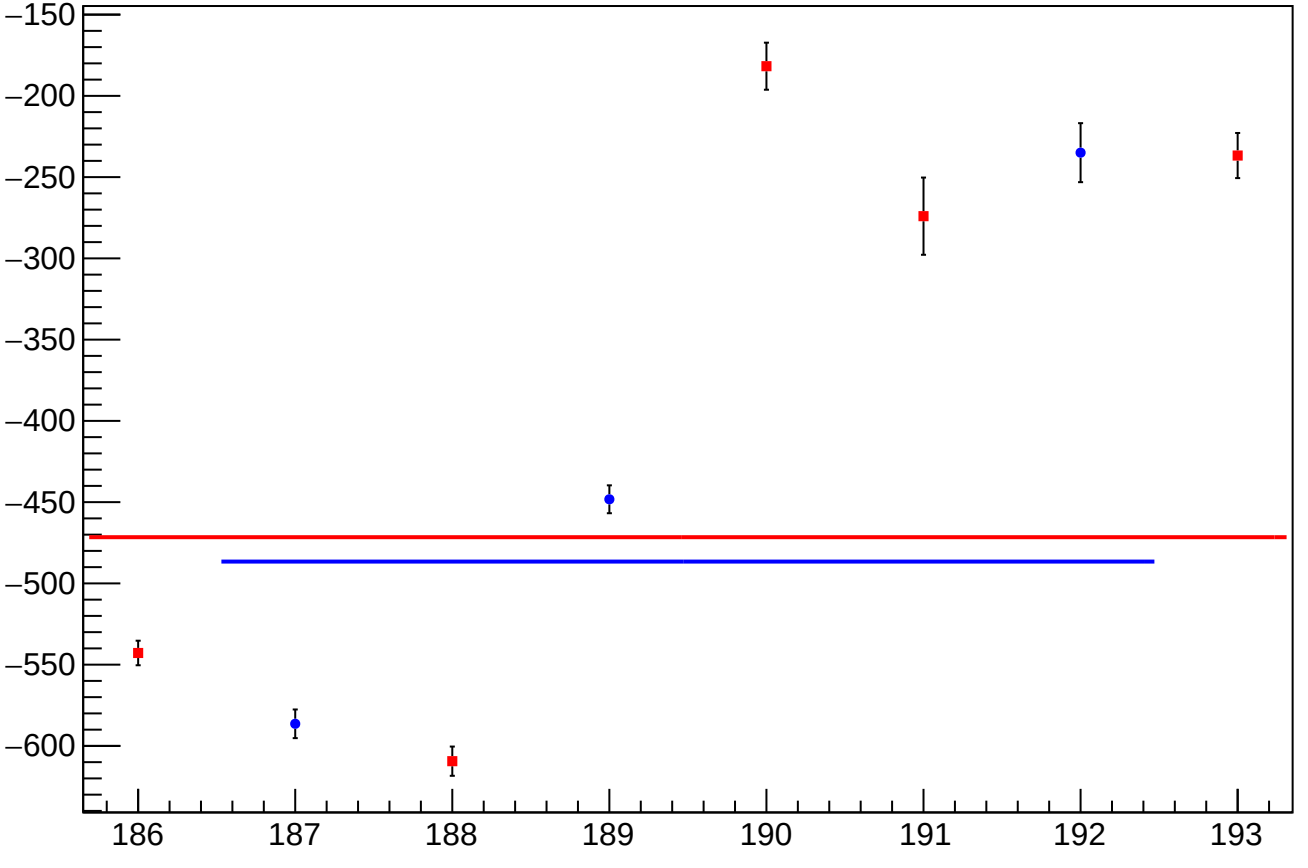
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.521+/-0.071 χ^2/NDF: 4644.7/7

In: -1.228+/-0.117 χ^2/NDF:1330.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.521+/-0.071 χ^2/NDF: 4644.7/7



Right In: -486.571+/-5.824 χ^2/NDF: 340.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -471.570+/-4.902 χ^2/NDF: 1079.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

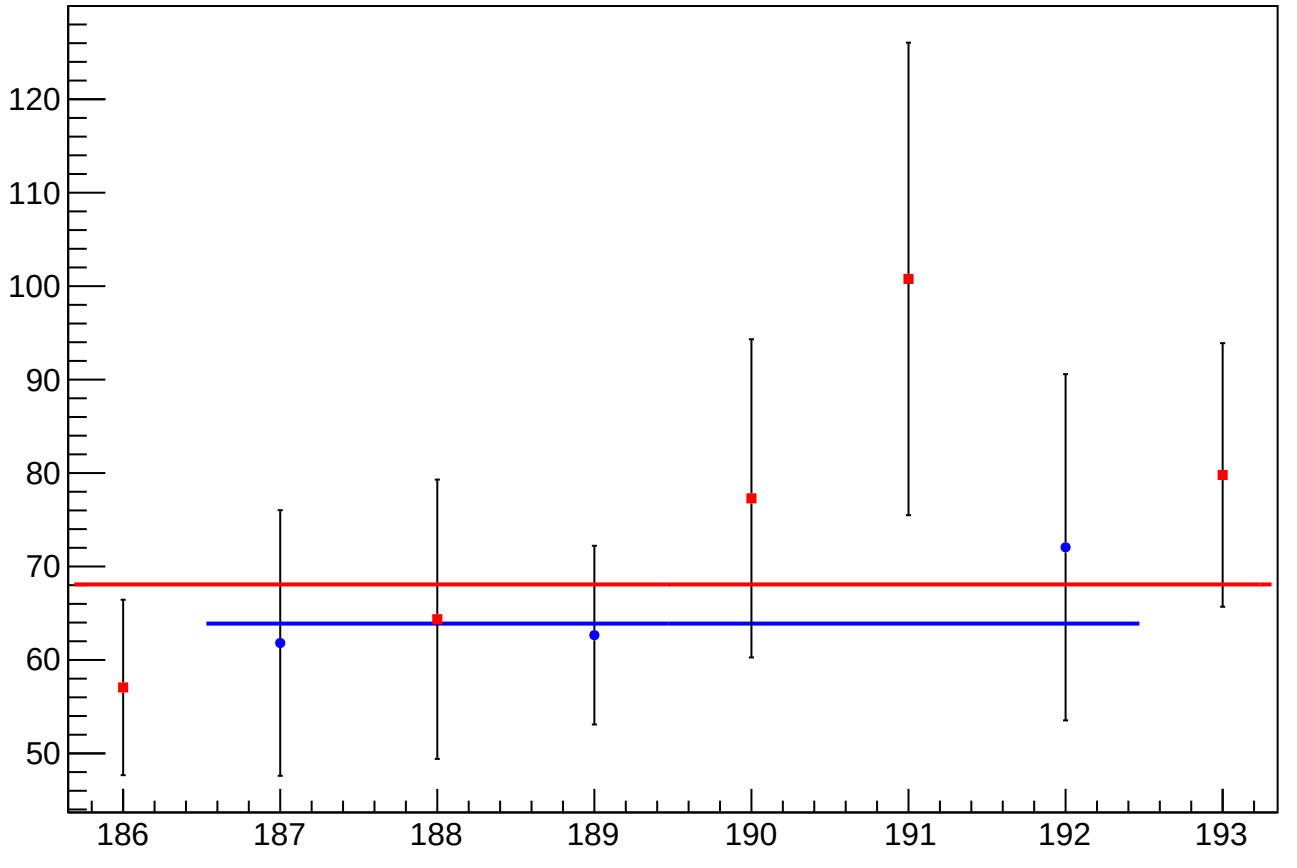
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

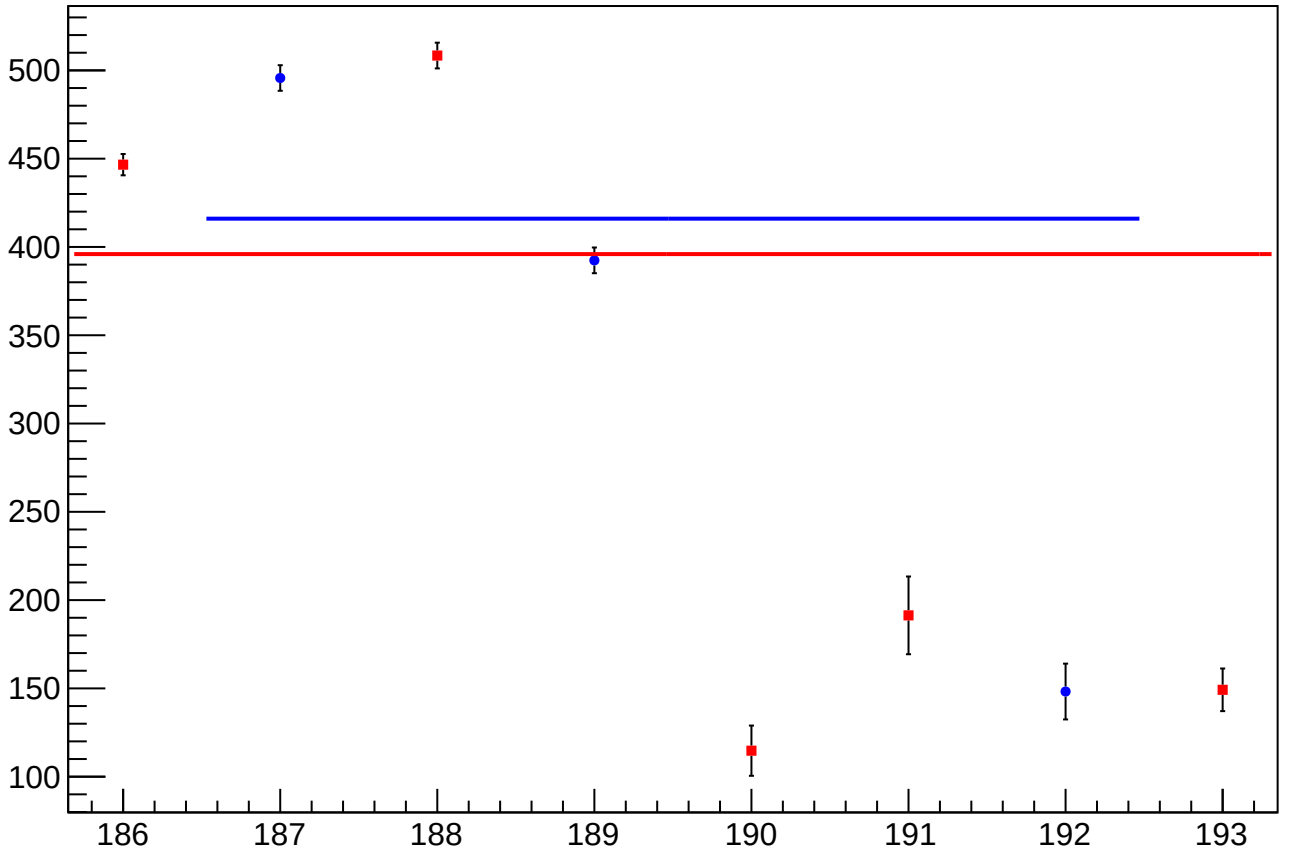
Right: -477.792+/-3.750 χ^2/NDF: 1423.9/7

In: -486.571+/-5.824 χ^2/NDF:340.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -477.792+/-3.750 χ^2/NDF: 1423.9/7


reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected
120
110
100
90
80
70
60
50
186
187
188
189
190
191
192
193
Right In: 63.892+/-7.292 χ²/NDF: 0.2/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 68.083+/-6.217 χ²/NDF: 4.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 66.319+/-4.731 χ²/NDF: 4.5/7
In: 63.892+/-7.292 χ²/NDF:0.2/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 66.319+/-4.731 χ²/NDF: 4.5/7



Right In: 416.027+/-4.885 χ^2/NDF: 418.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 395.962+/-4.078 χ^2/NDF: 1203.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

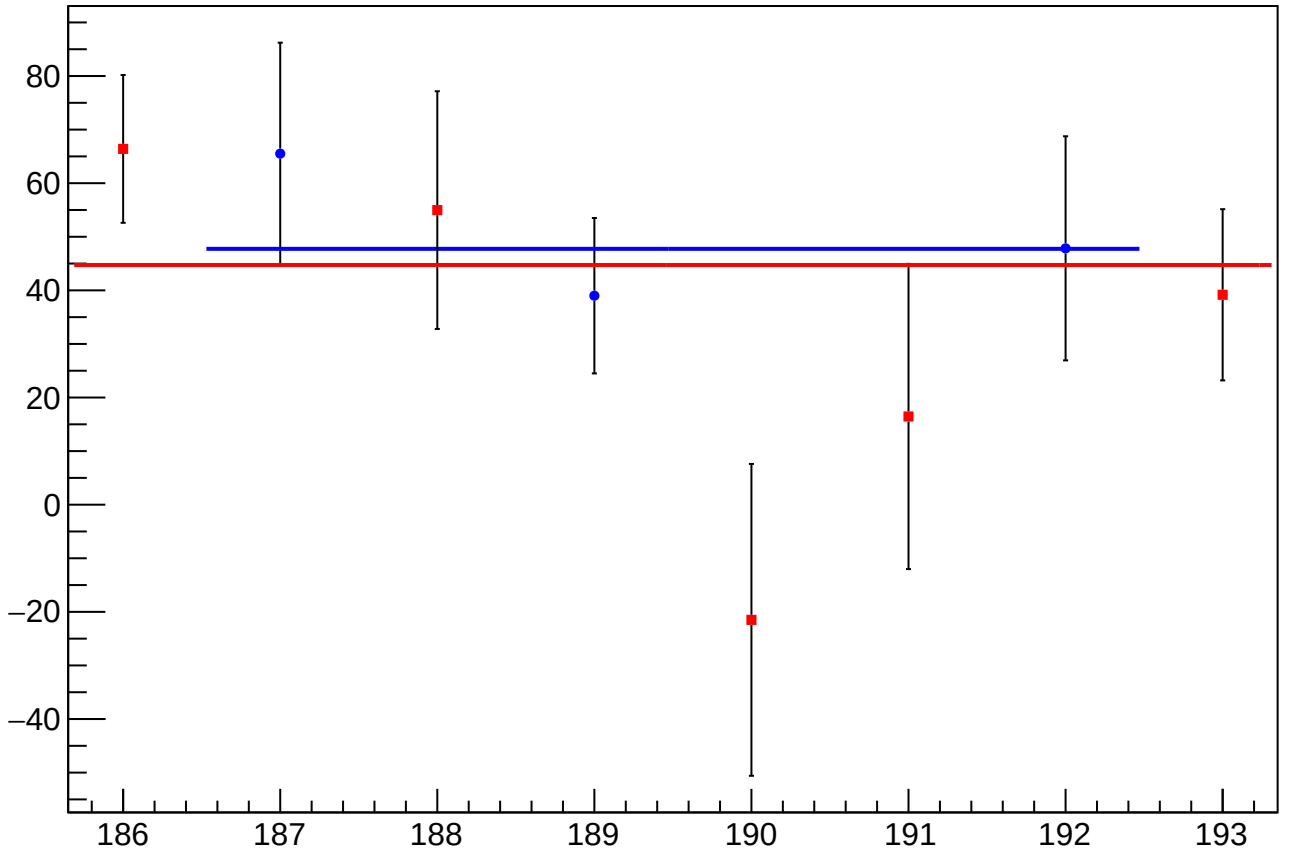
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

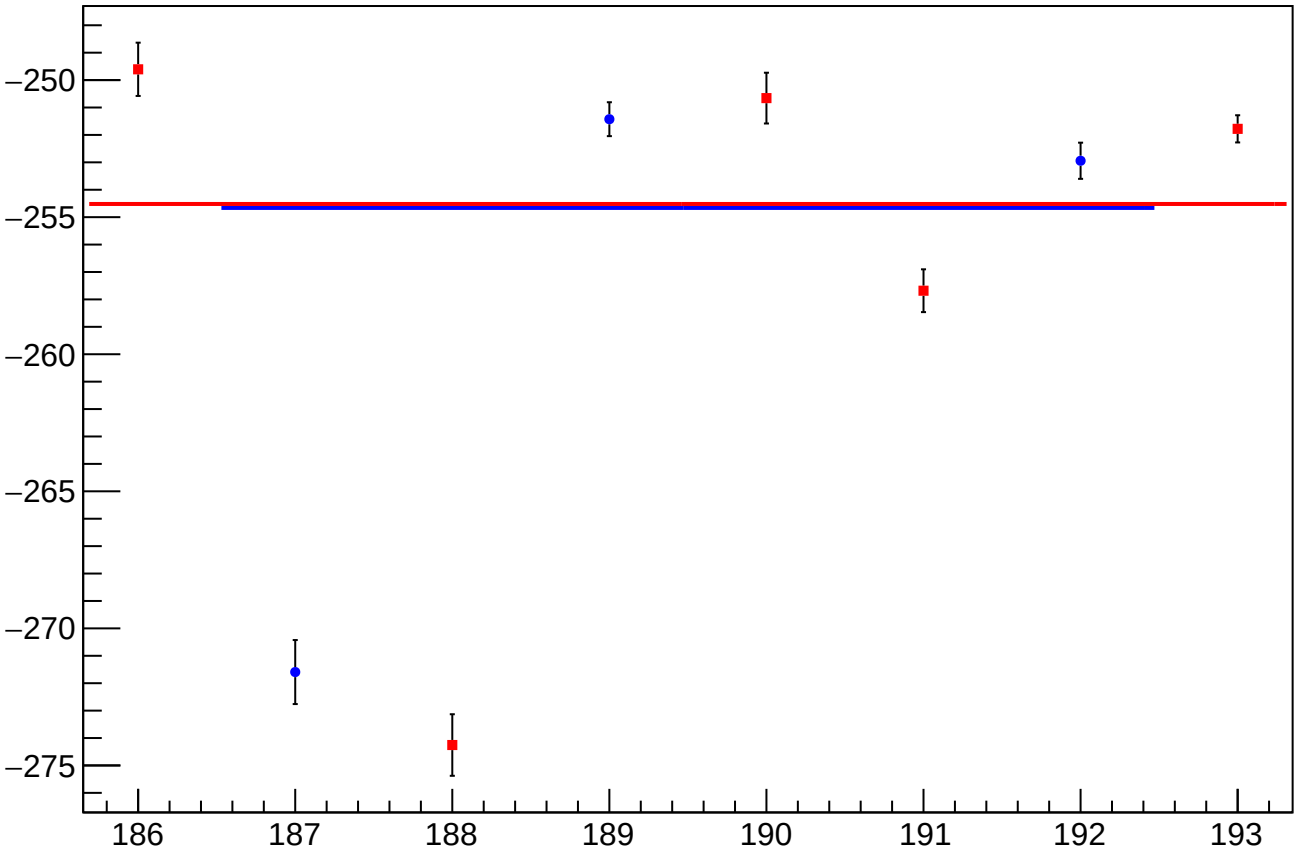
Right: 404.202+/-3.131 χ^2/NDF: 1632.2/7

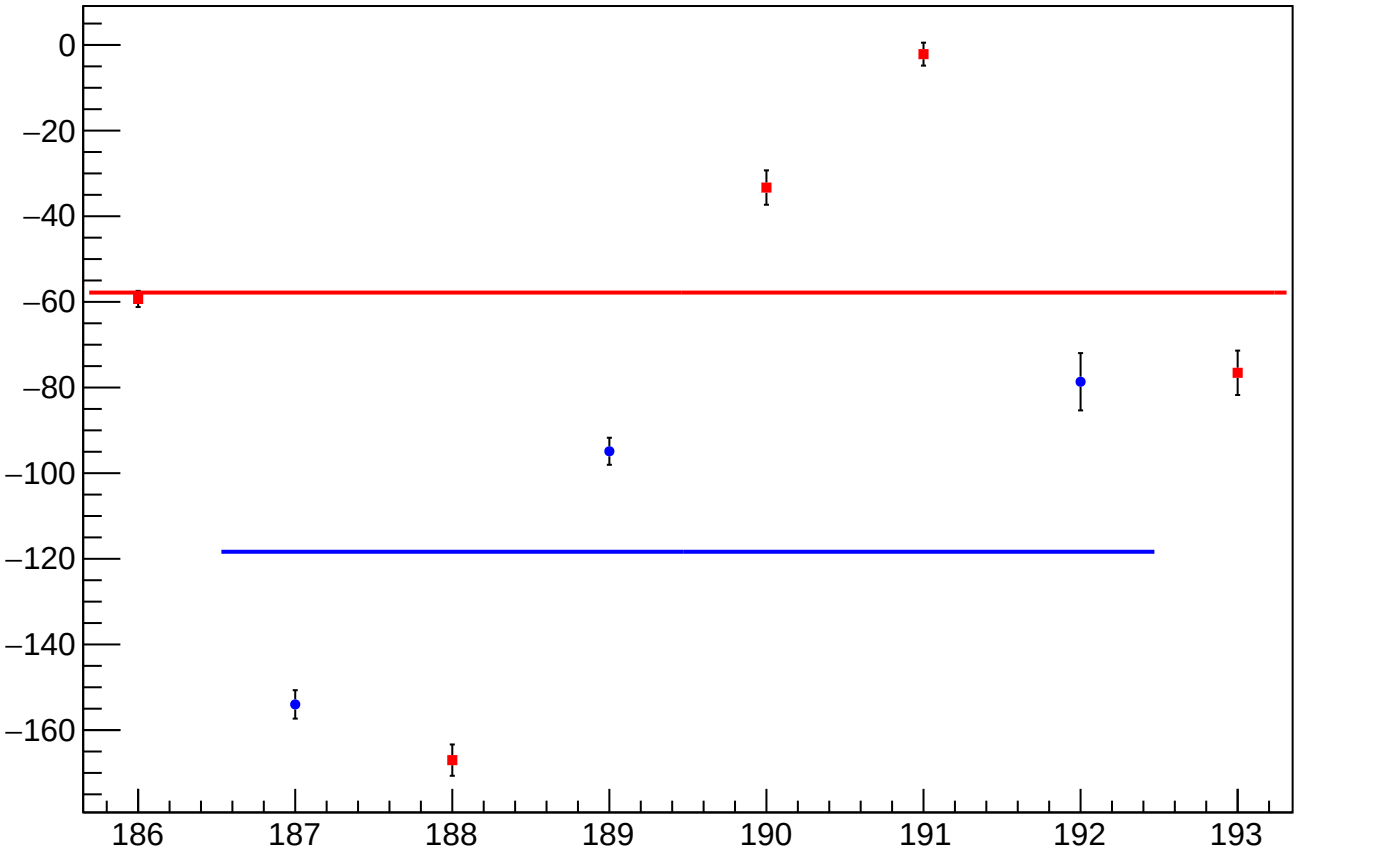
In: 416.027+/-4.885 χ^2/NDF:418.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 404.202+/-3.131 χ^2/NDF: 1632.2/7


reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected
80
60
40
20
0
−20
−40
186
187
188
189
190
191
192
193
Right In: 47.749+/-10.330 χ²/NDF: 1.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 44.728+/-8.568 χ²/NDF: 9.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 45.960+/-6.595 χ²/NDF: 10.1/7
In: 47.749+/-10.330 χ²/NDF:1.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 45.960+/-6.595 χ²/NDF: 10.1/7


reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected
−250
−255
−260
−265
−270
−275
186
187
188
189
190
191
192
193
Right In: -254.663+/-0.421 χ²/NDF: 244.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -254.519+/-0.339 χ²/NDF: 398.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -254.575+/-0.264 χ²/NDF: 643.4/7
In: -254.663+/-0.421 χ²/NDF:244.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -254.575+/-0.264 χ²/NDF: 643.4/7



Right In: -118.353+/-2.165 χ^2/NDF: 205.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -57.824+/-1.297 χ^2/NDF: 1373.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

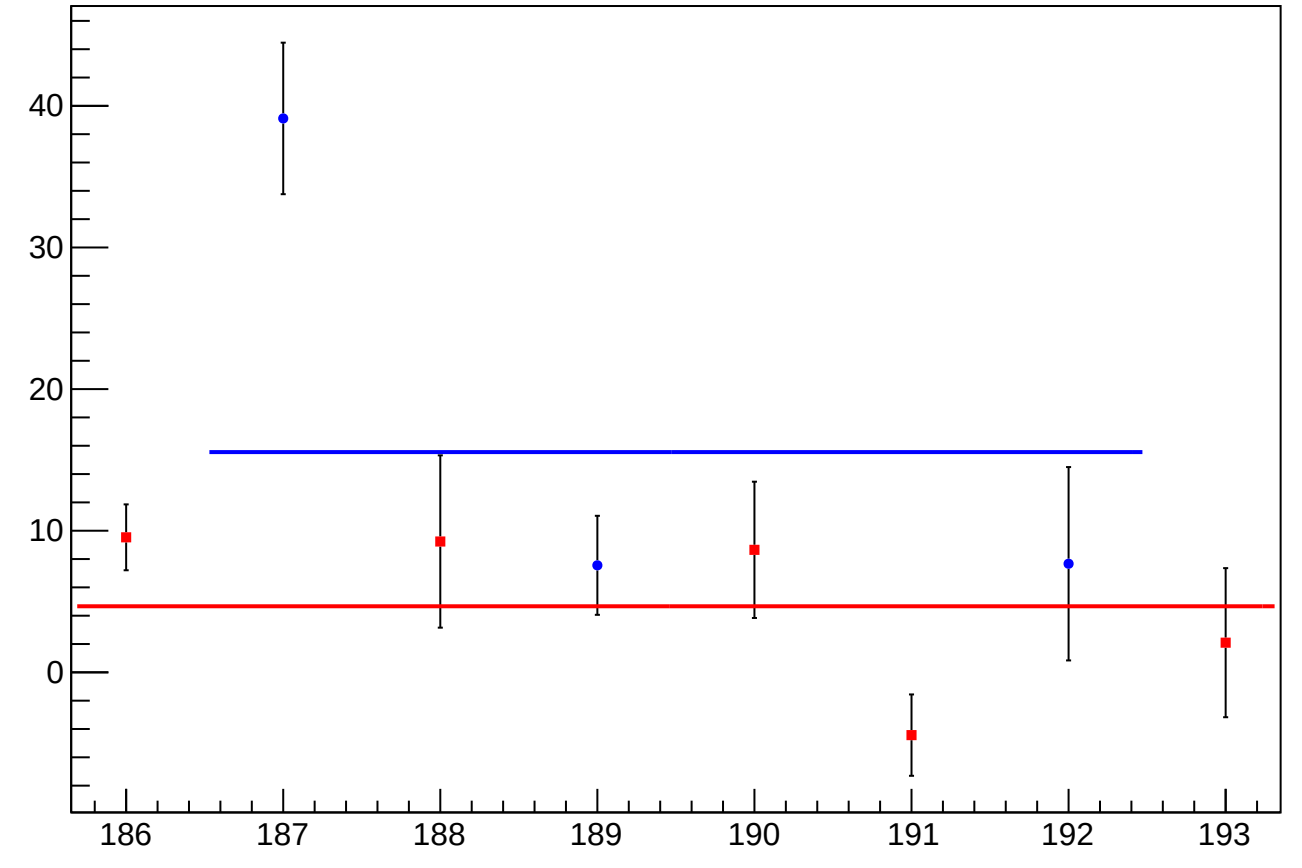
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -73.811+/-1.113 χ^2/NDF: 2154.8/7

In: -118.353+/-2.165 χ^2/NDF:205.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -73.811+/-1.113 χ^2/NDF: 2154.8/7



Right In: 15.552+/-2.690 χ^2/NDF: 26.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.665+/-1.557 χ^2/NDF: 15.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

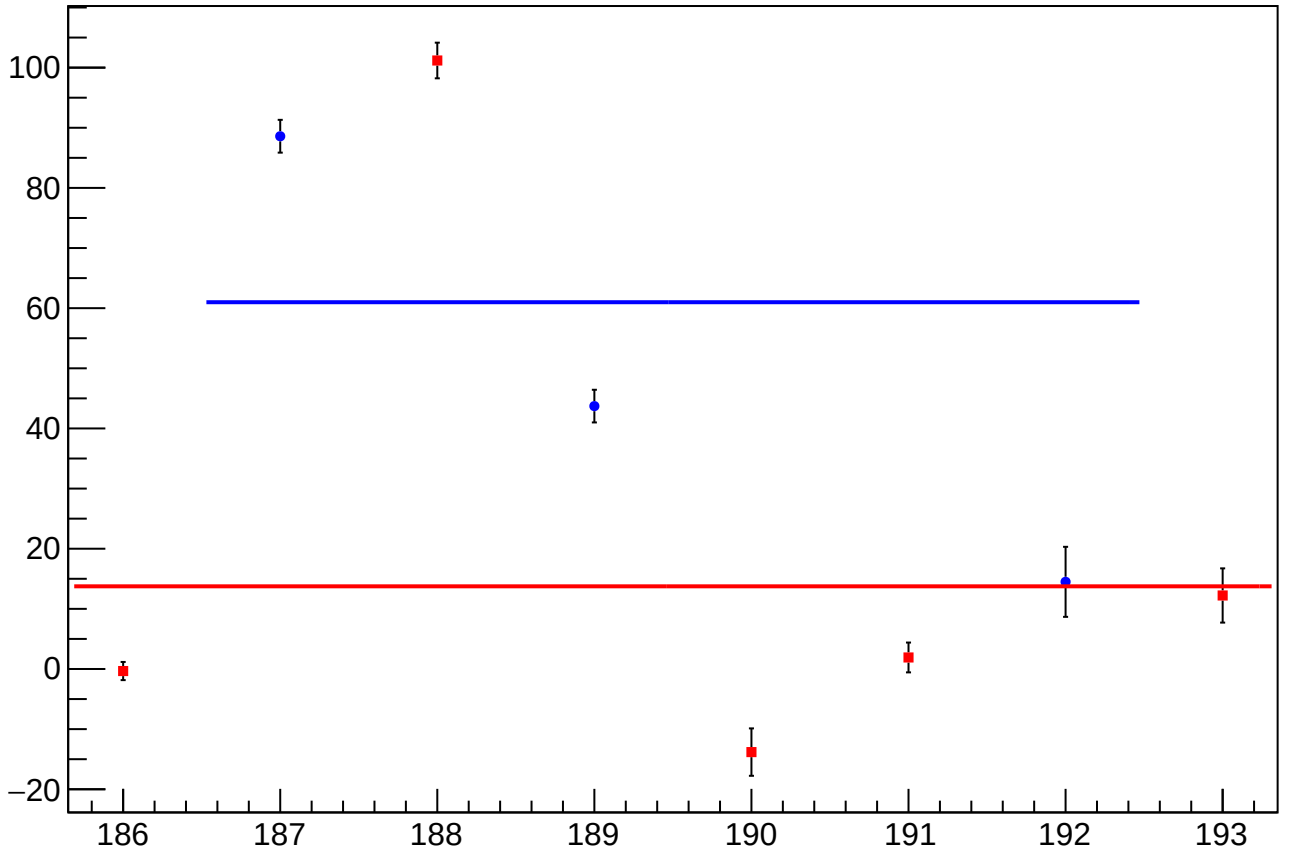
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.398+/-1.348 χ^2/NDF: 54.1/7

In: 15.552+/-2.690 χ^2/NDF:26.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.398+/-1.348 χ^2/NDF: 54.1/7



Right In: 60.991+/-1.827 χ^2/NDF: 206.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.746+/-1.099 χ^2/NDF: 1028.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

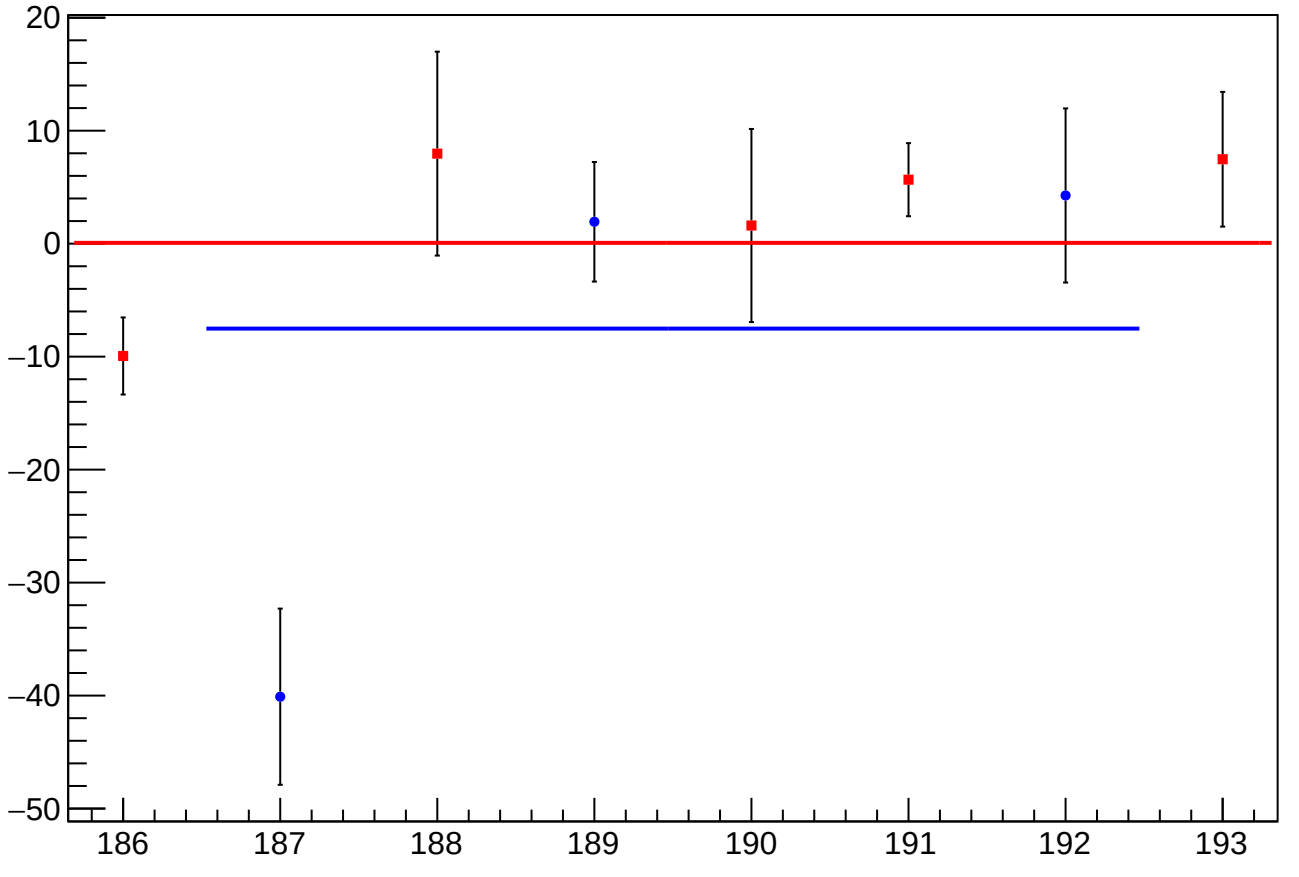
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 26.293+/-0.942 χ^2/NDF: 1726.7/7

In: 60.991+/-1.827 χ^2/NDF:206.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 26.293+/-0.942 χ^2/NDF: 1726.7/7



Right In: -7.518+/-3.808 χ^2/NDF: 23.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.072+/-2.060 χ^2/NDF: 13.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

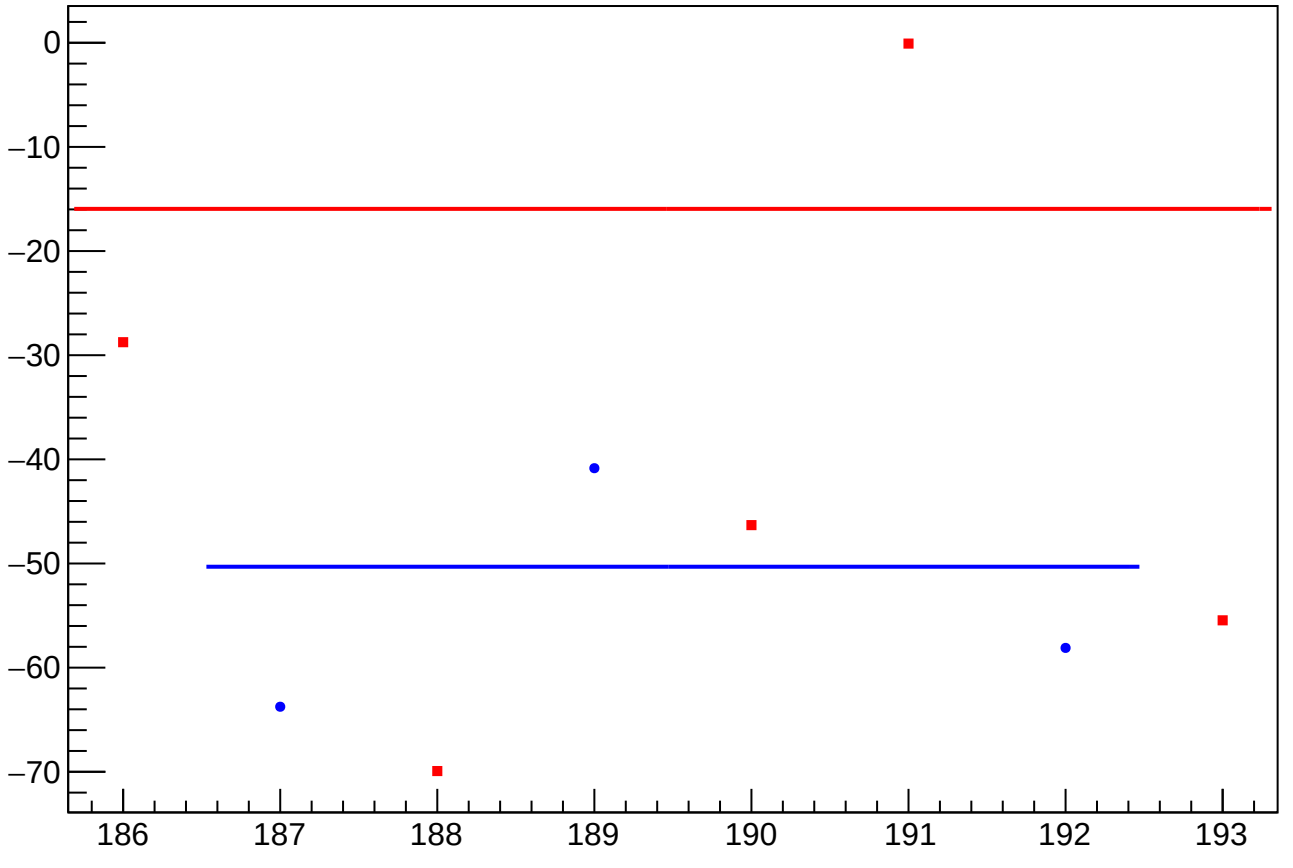
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.647+/-1.812 χ^2/NDF: 40.0/7

In: -7.518+/-3.808 χ^2/NDF:23.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.647+/-1.812 χ^2/NDF: 40.0/7



Right In: -50.310+/-0.152 χ^2/NDF: 3872.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.949+/-0.072 χ^2/NDF: 106475.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

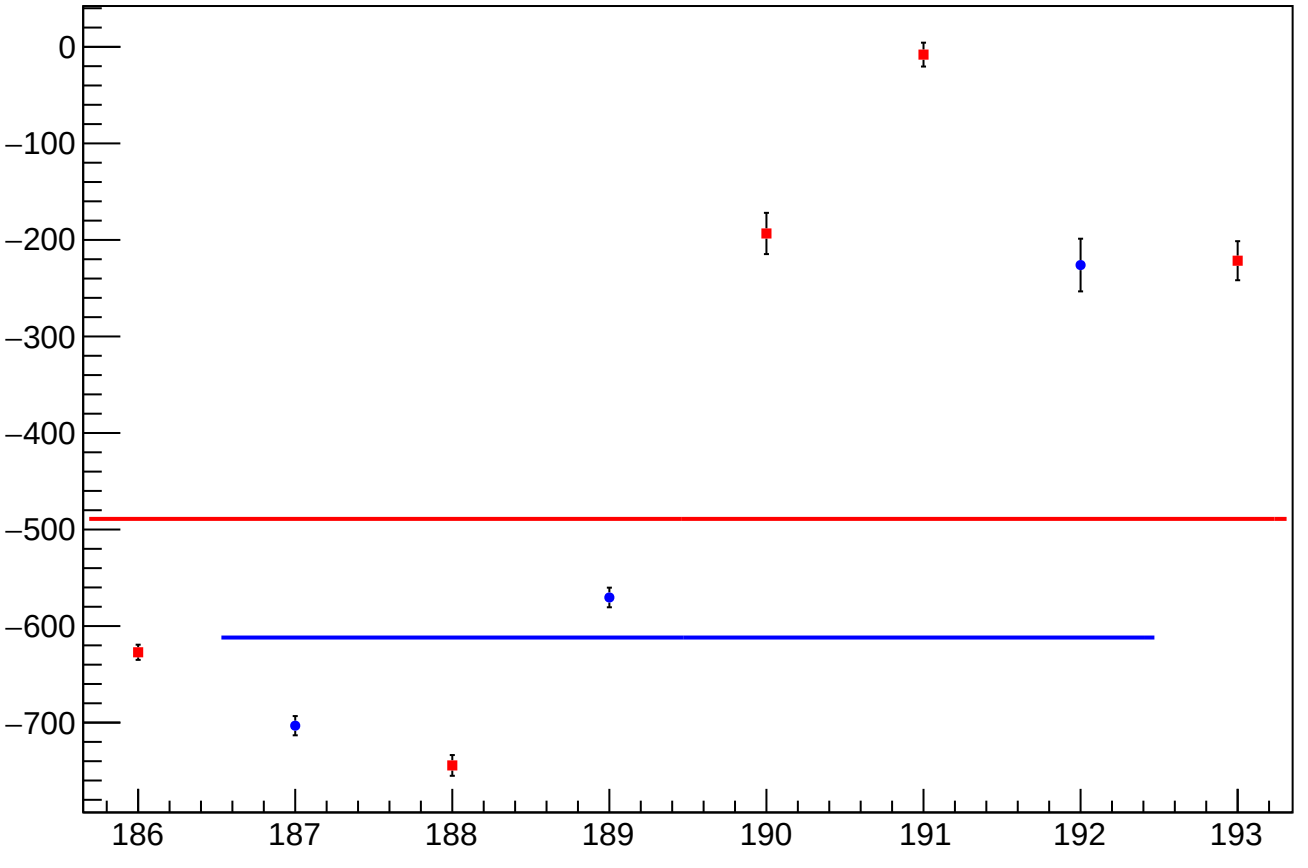
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -22.295+/-0.065 χ^2/NDF: 152135.4/7

In: -50.310+/-0.152 χ^2/NDF:3872.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -22.295+/-0.065 χ^2/NDF: 152135.4/7



Right In: -611.890+/-6.887 χ^2/NDF: 300.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -488.986+/-5.270 χ^2/NDF: 2752.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

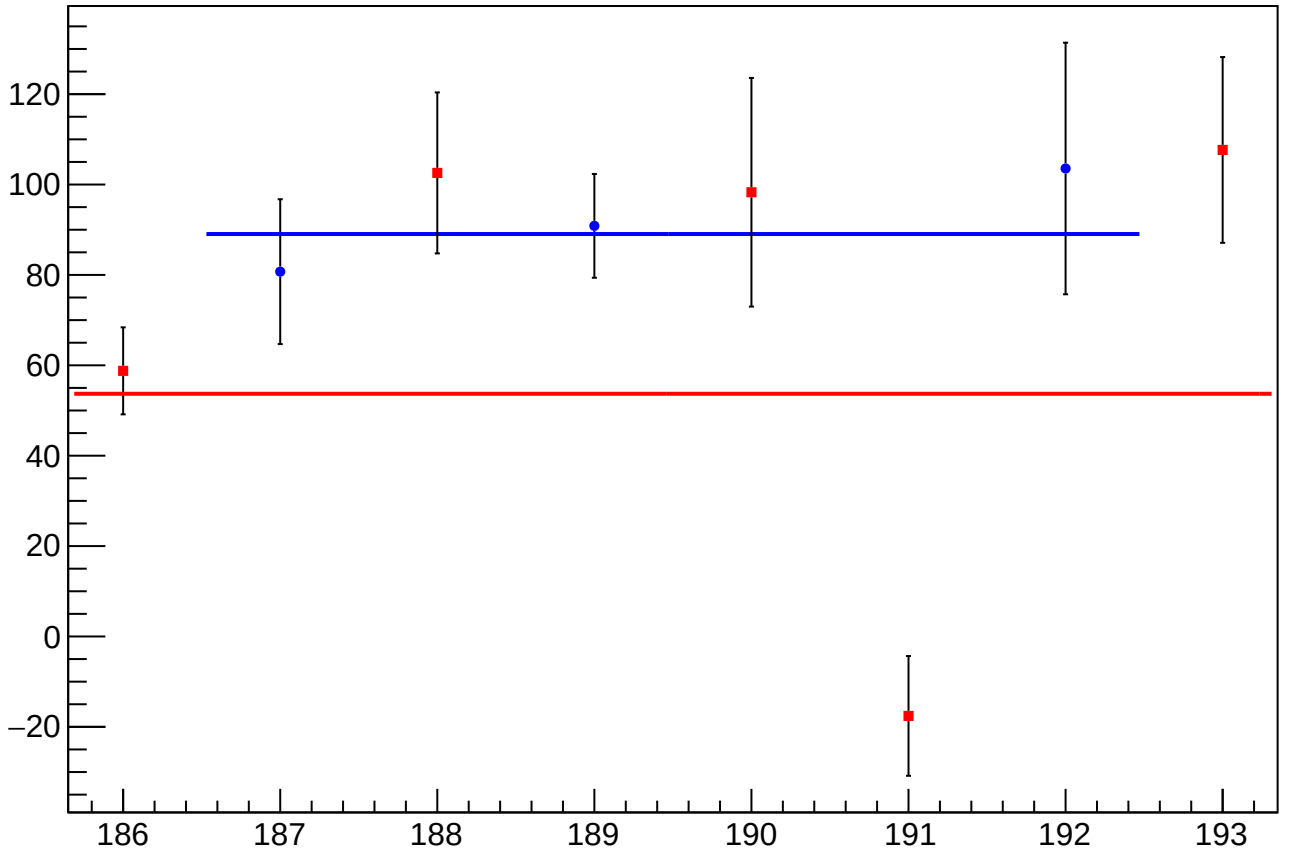
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -534.380+/-4.185 χ^2/NDF: 3253.6/7

In: -611.890+/-6.887 χ^2/NDF:300.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -534.380+/-4.185 χ^2/NDF: 3253.6/7



Right In: 89.046+/-8.849 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 53.703+/-6.514 χ^2/NDF: 46.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

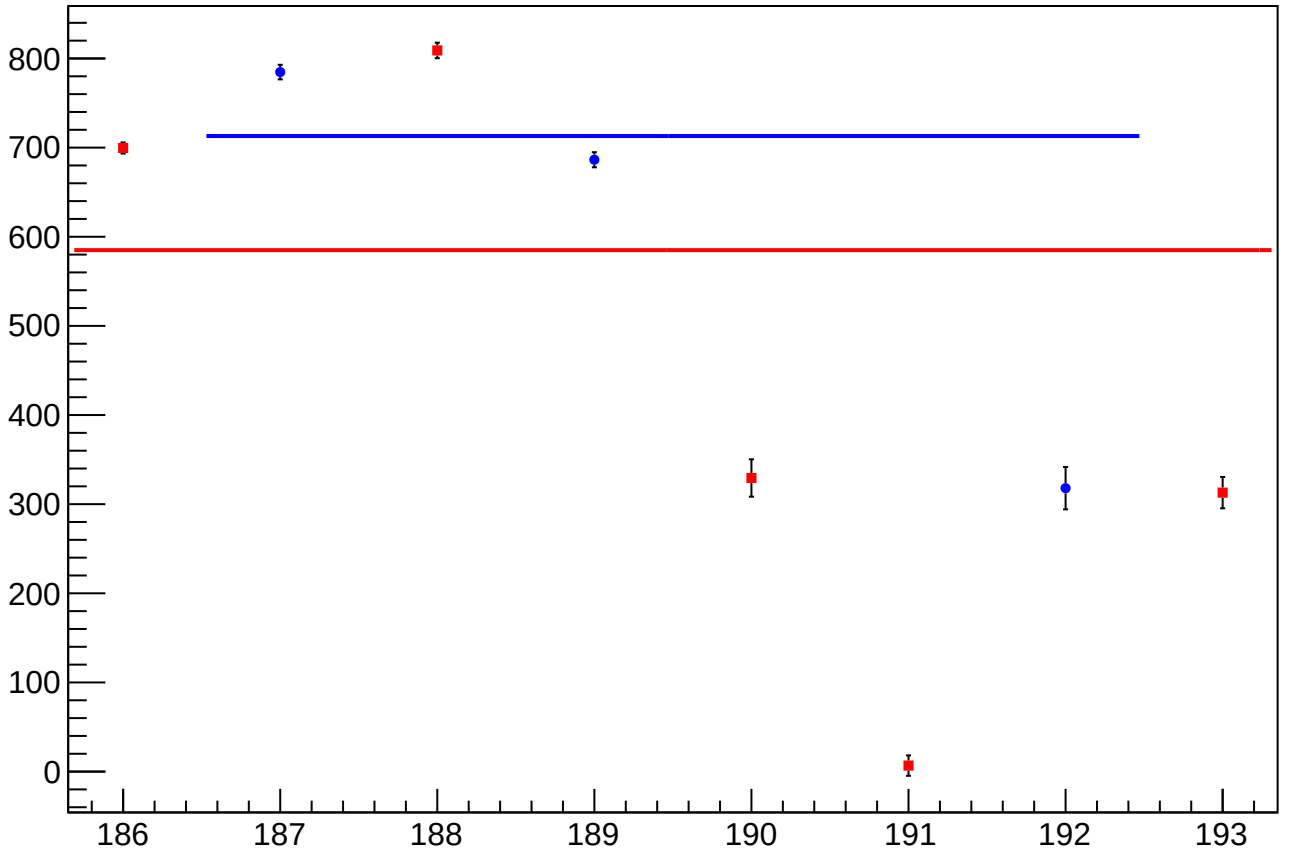
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 66.123+/-5.246 χ^2/NDF: 57.7/7

In: 89.046+/-8.849 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 66.123+/-5.246 χ^2/NDF: 57.7/7



Right In: 712.993+/-5.714 χ^2/NDF: 363.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 584.999+/-4.394 χ^2/NDF: 3935.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

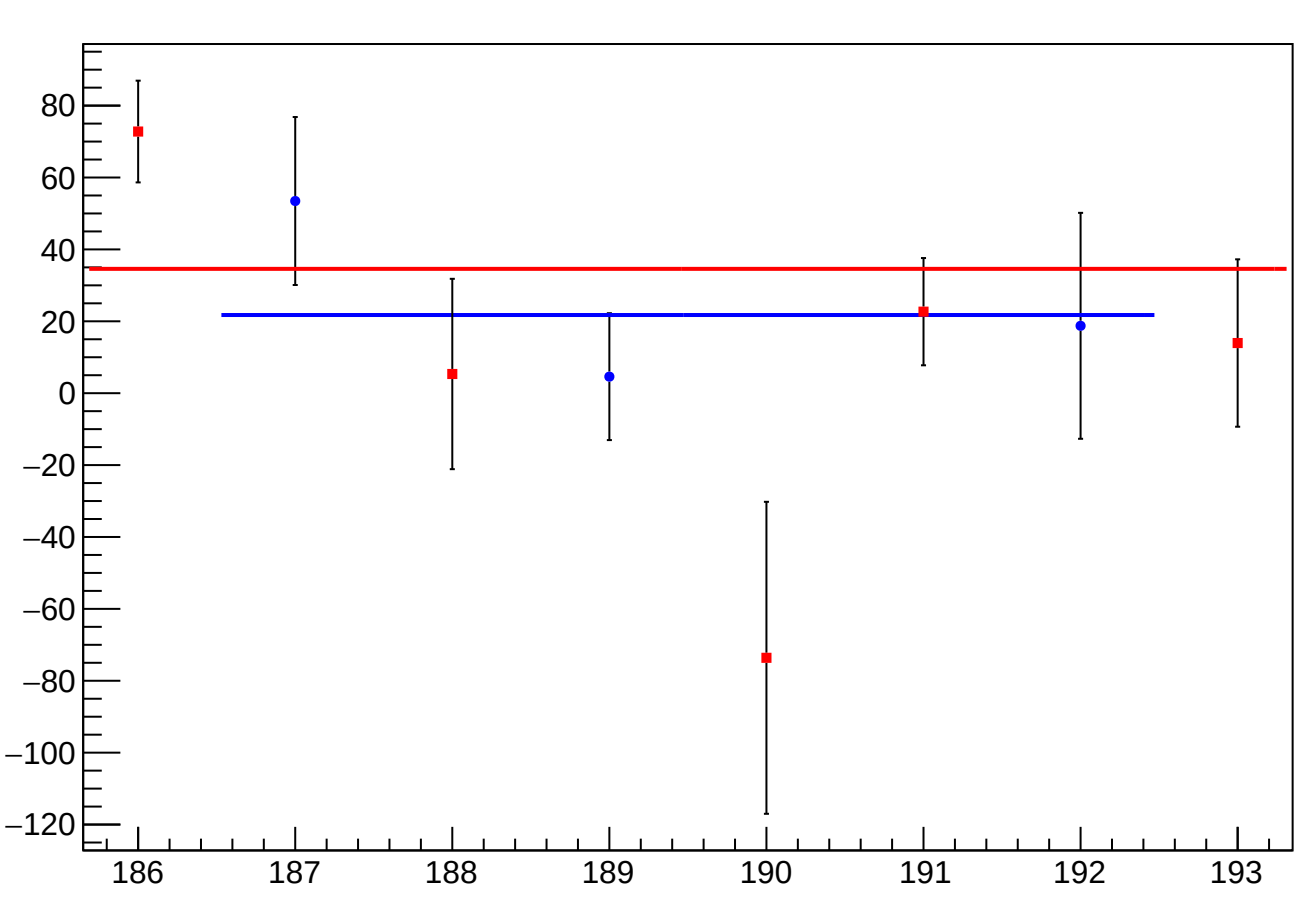
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 632.572+/-3.483 χ^2/NDF: 4614.0/7

In: 712.993+/-5.714 χ^2/NDF:363.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 632.572+/-3.483 χ^2/NDF: 4614.0/7



Right In: 21.748+/-12.851 χ^2/NDF: 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.589+/-8.675 χ^2/NDF: 16.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

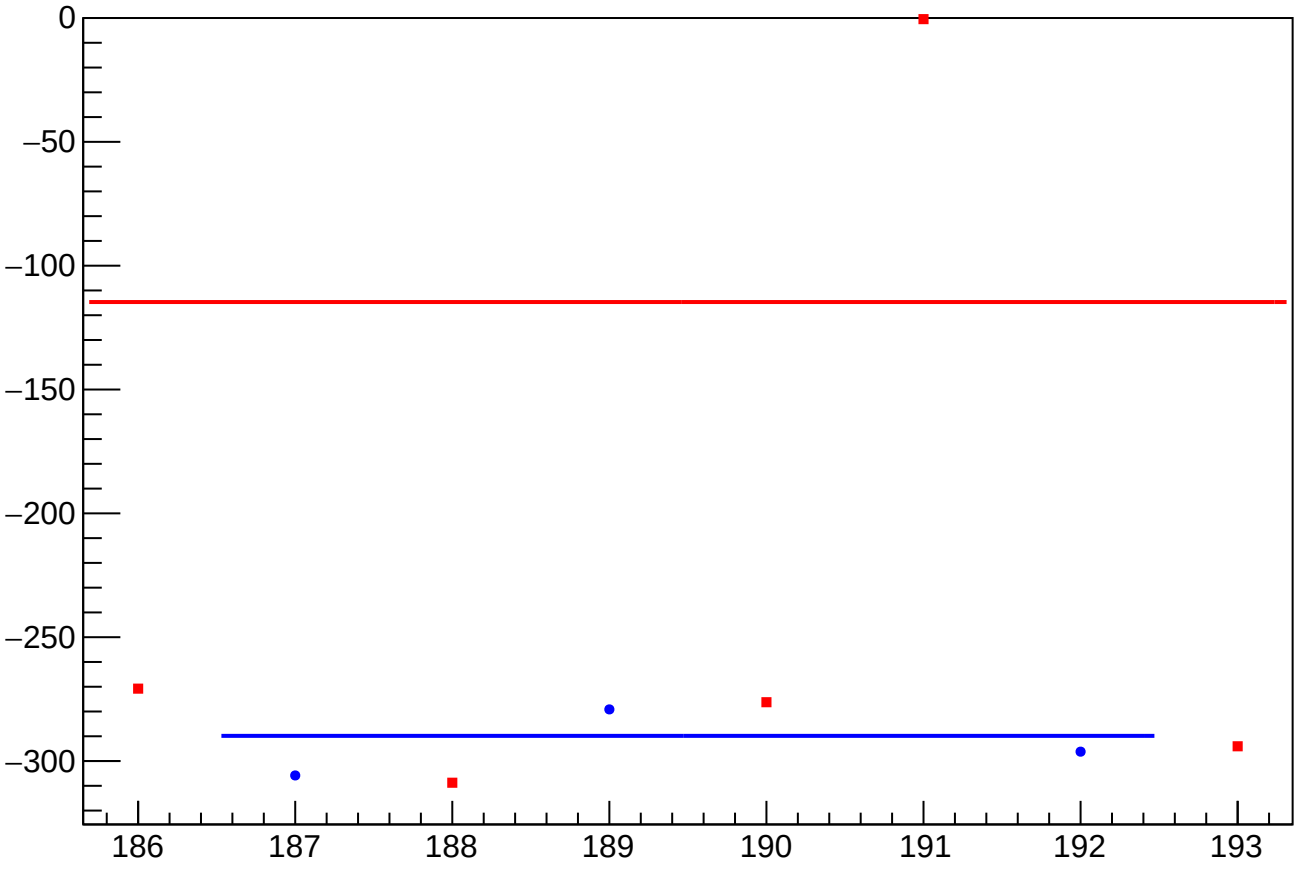
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 30.569+/-7.190 χ^2/NDF: 19.6/7

In: 21.748+/-12.851 χ^2/NDF:2.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 30.569+/-7.190 χ^2/NDF: 19.6/7



Right In: -289.834+/-0.573 χ^2/NDF: 353.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -114.675+/-0.317 χ^2/NDF: 197741.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

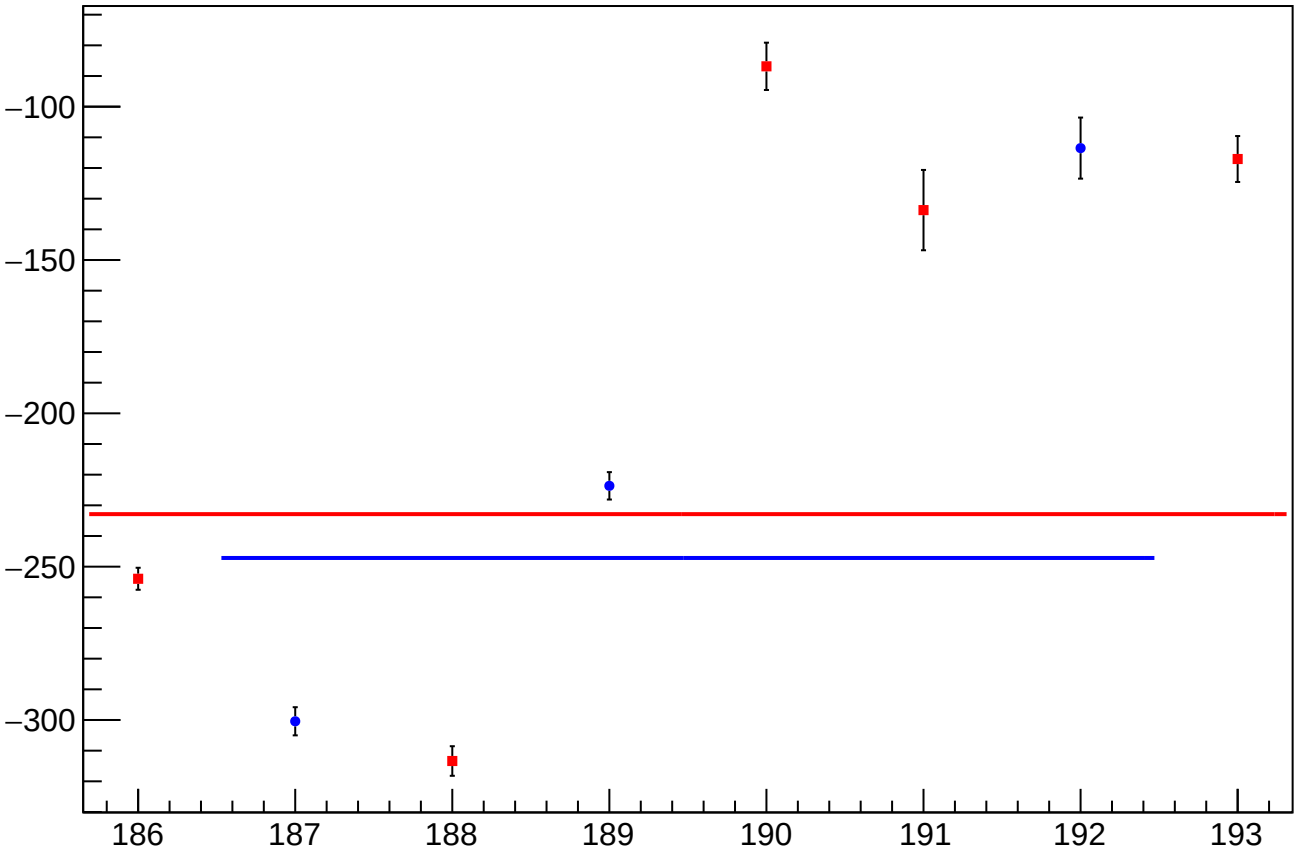
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

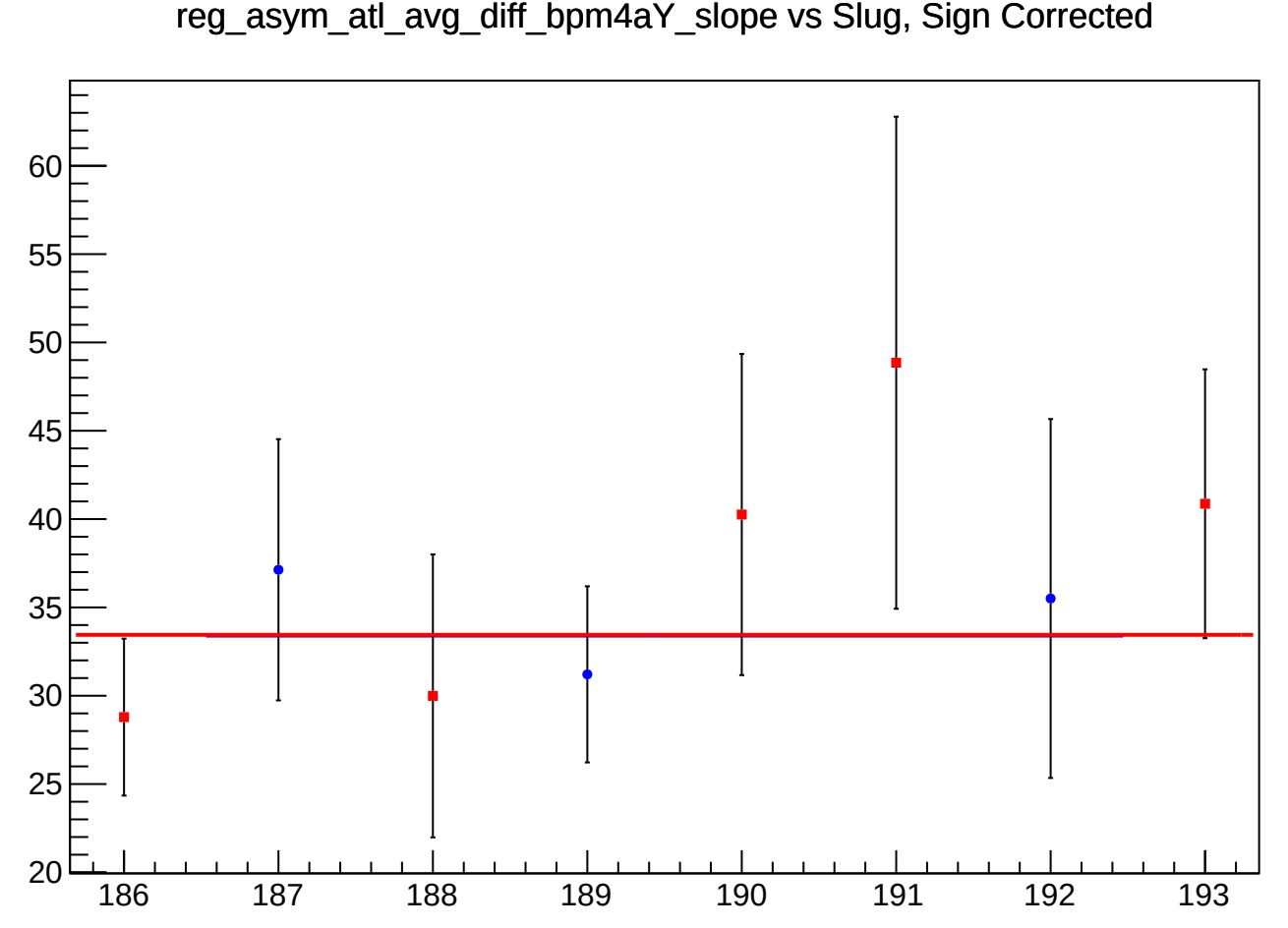
Right: -155.724+/-0.277 χ^2/NDF: 269632.8/7

In: -289.834+/-0.573 χ^2/NDF:353.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -155.724+/-0.277 χ^2/NDF: 269632.8/7


reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected
−100
−150
−200
−250
−300
186
187
188
189
190
191
192
193
Right In: -247.165+/-3.048 χ²/NDF: 342.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -232.869+/-2.492 χ²/NDF: 967.6/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -238.595+/-1.929 χ²/NDF: 1323.1/7
In: -247.165+/-3.048 χ²/NDF:342.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -238.595+/-1.929 χ²/NDF: 1323.1/7



Right In: 33.406+/-3.829 χ^2/NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 33.448+/-3.150 χ^2/NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

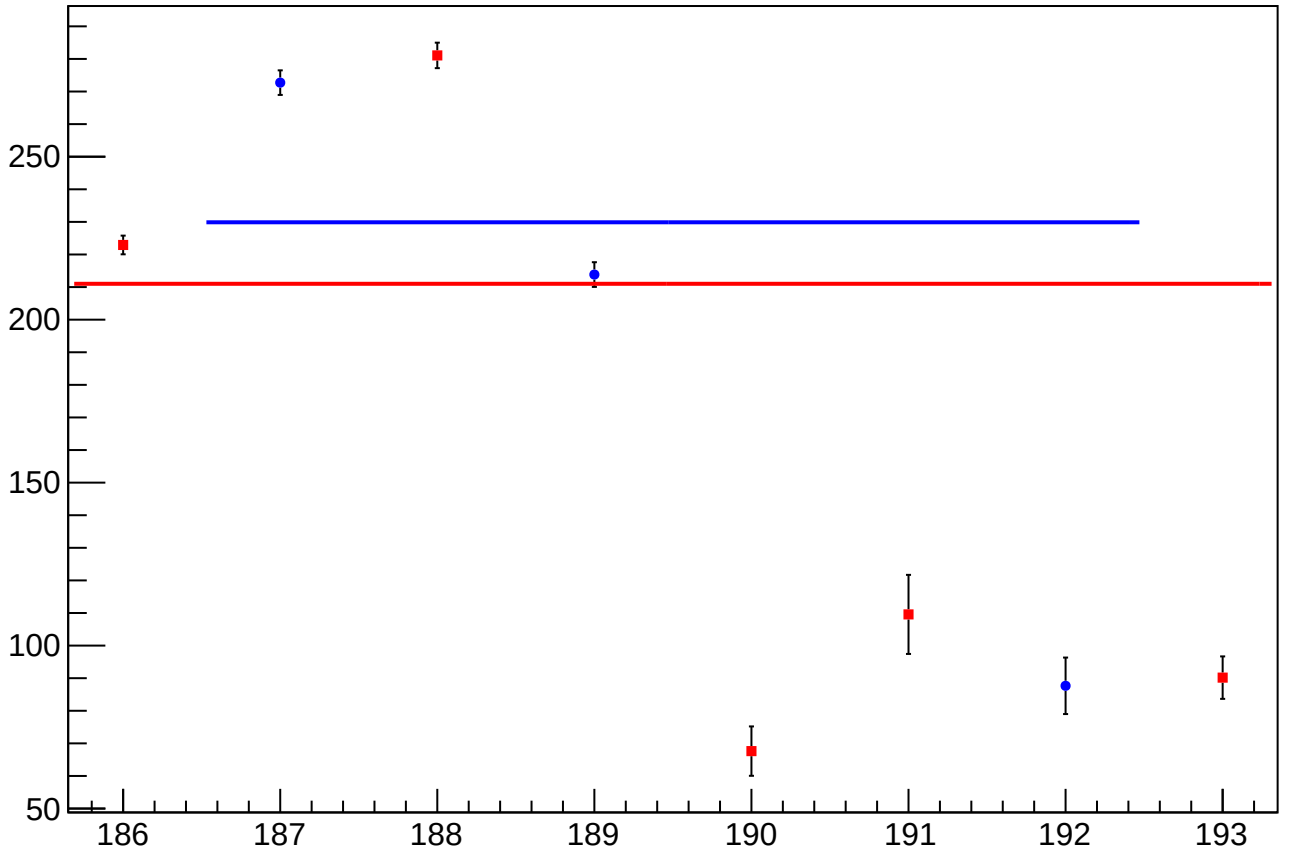
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 33.431+/-2.433 χ^2/NDF: 4.5/7

In: 33.406+/-3.829 χ^2/NDF:0.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 33.431+/-2.433 χ^2/NDF: 4.5/7



Right In: 229.879+/-2.554 χ^2/NDF: 416.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 211.008+/-2.063 χ^2/NDF: 1111.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

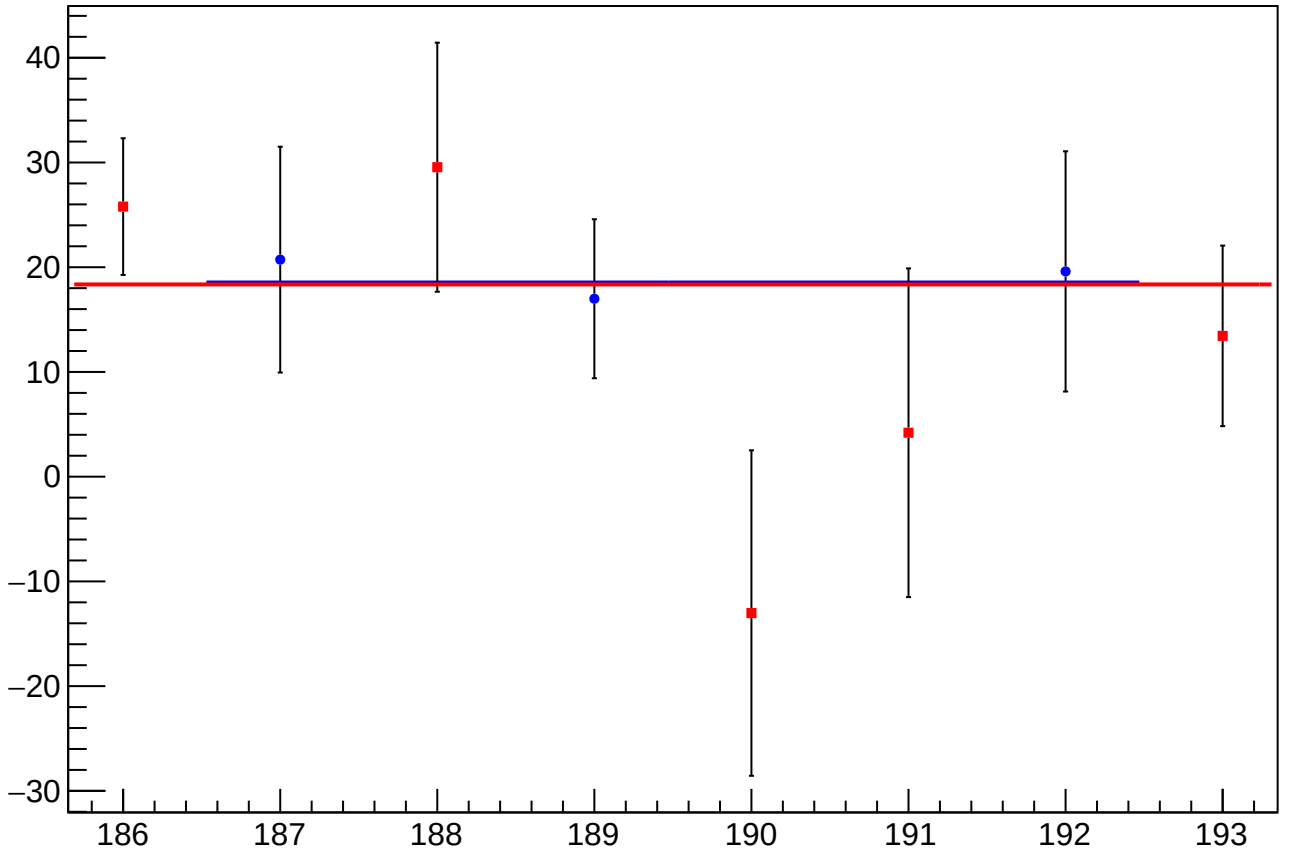
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 218.458+/-1.605 χ^2/NDF: 1560.2/7

In: 229.879+/-2.554 χ^2/NDF:416.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 218.458+/-1.605 χ^2/NDF: 1560.2/7



Right In: 18.538+/-5.459 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.357+/-4.377 χ^2/NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

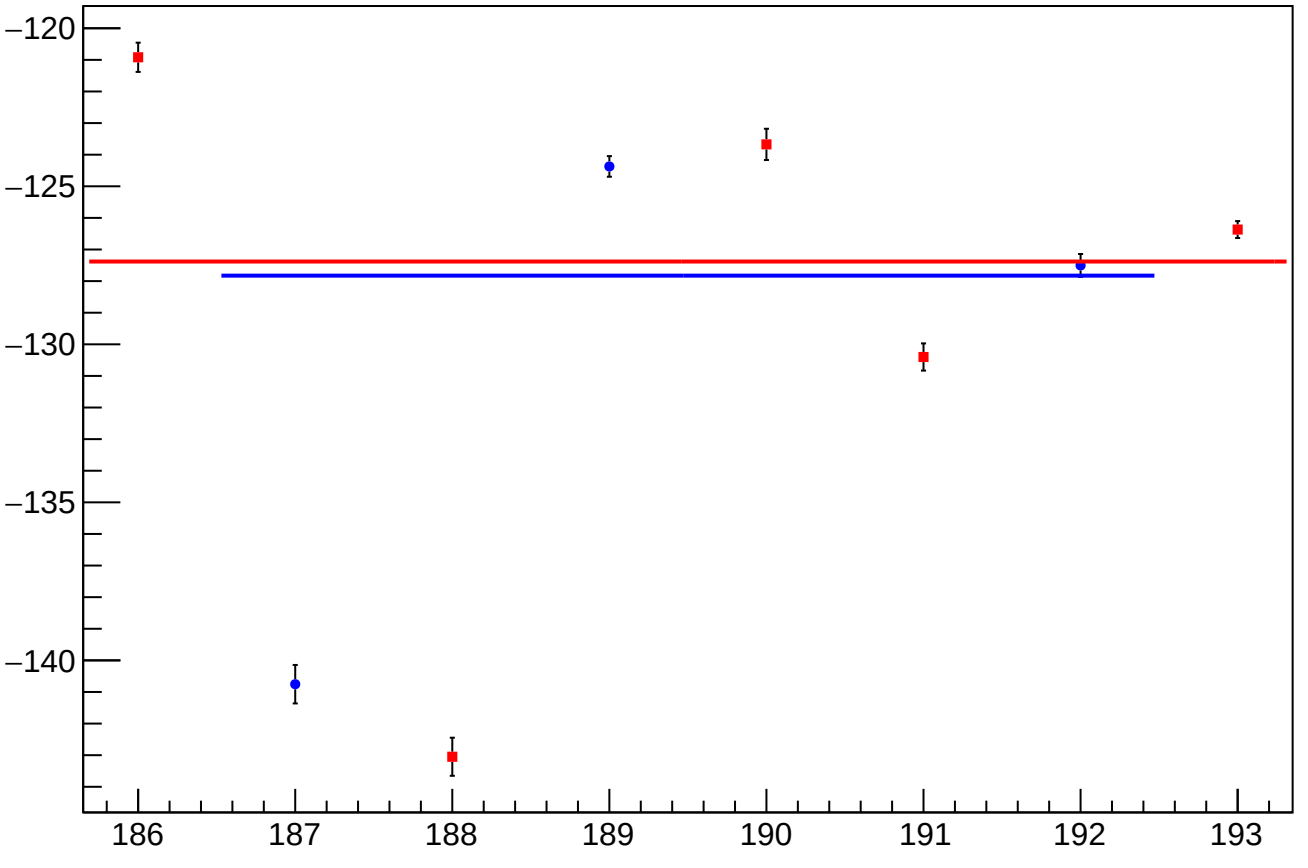
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 18.428+/-3.415 χ^2/NDF: 7.5/7

In: 18.538+/-5.459 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.428+/-3.415 χ^2/NDF: 7.5/7



Right In: -127.827+/-0.225 χ^2/NDF: 563.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -127.380+/-0.180 χ^2/NDF: 991.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

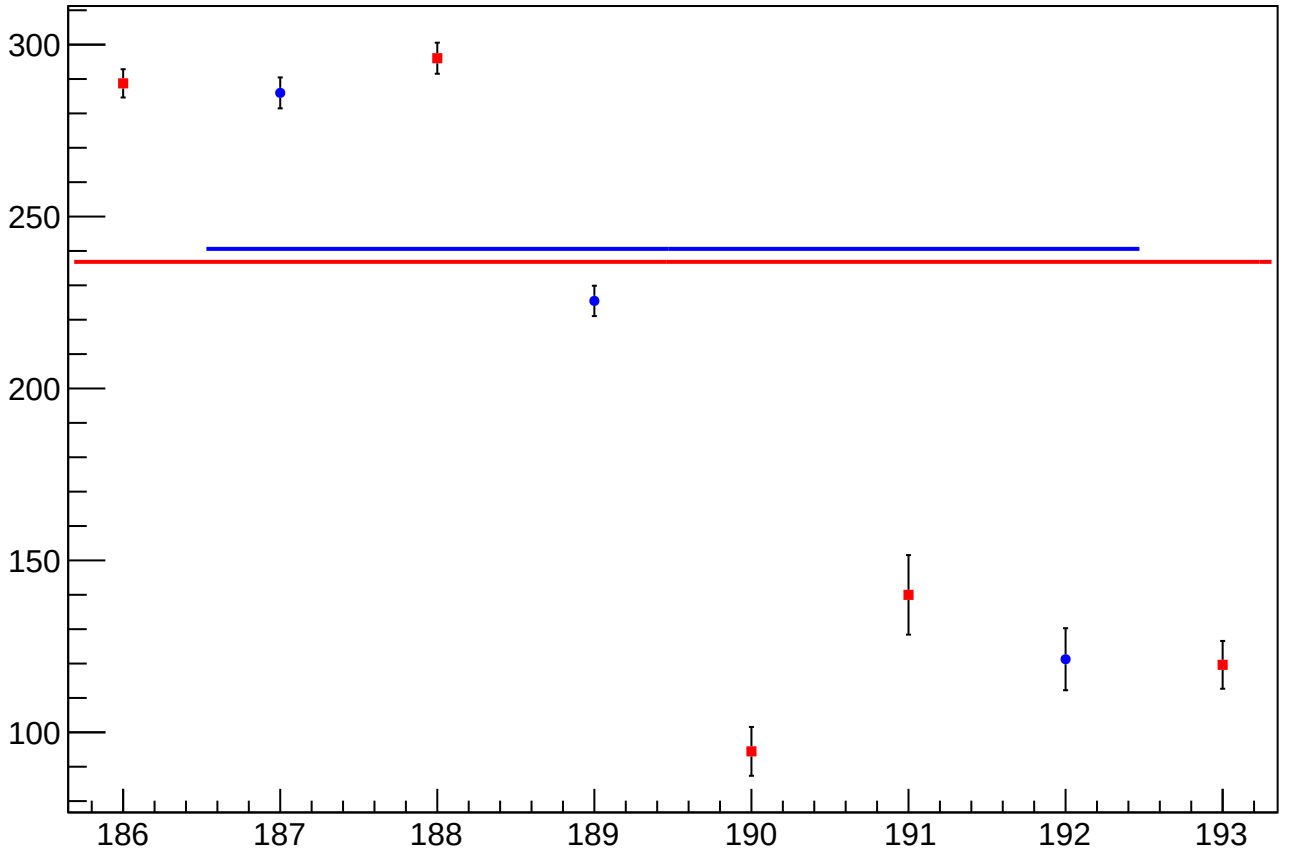
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -127.554+/-0.141 χ^2/NDF: 1557.5/7

In: -127.827+/-0.225 χ^2/NDF:563.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -127.554+/-0.141 χ^2/NDF: 1557.5/7



Right In: 240.604+/-2.976 χ^2/NDF: 288.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 236.827+/-2.531 χ^2/NDF: 1087.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

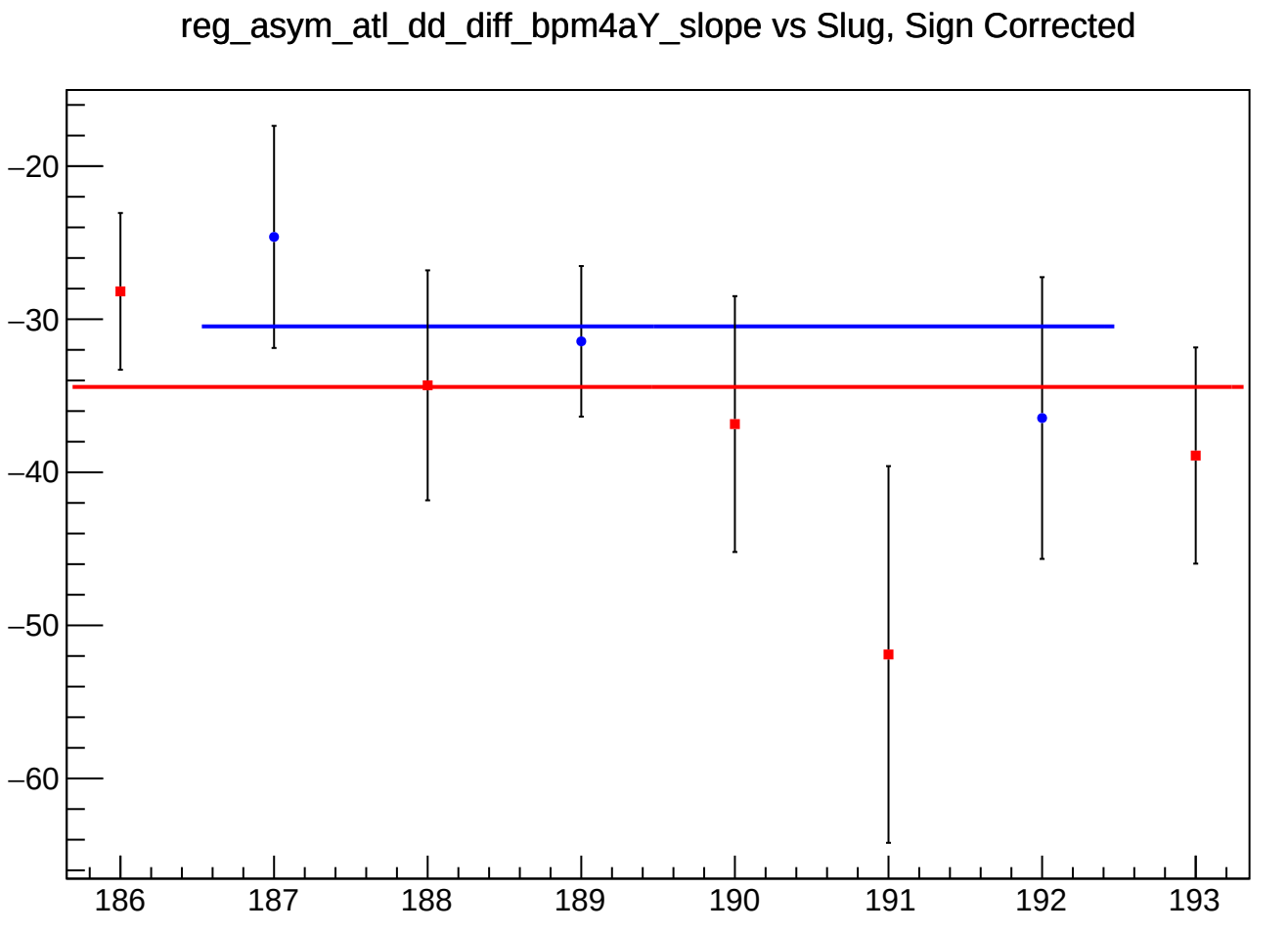
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

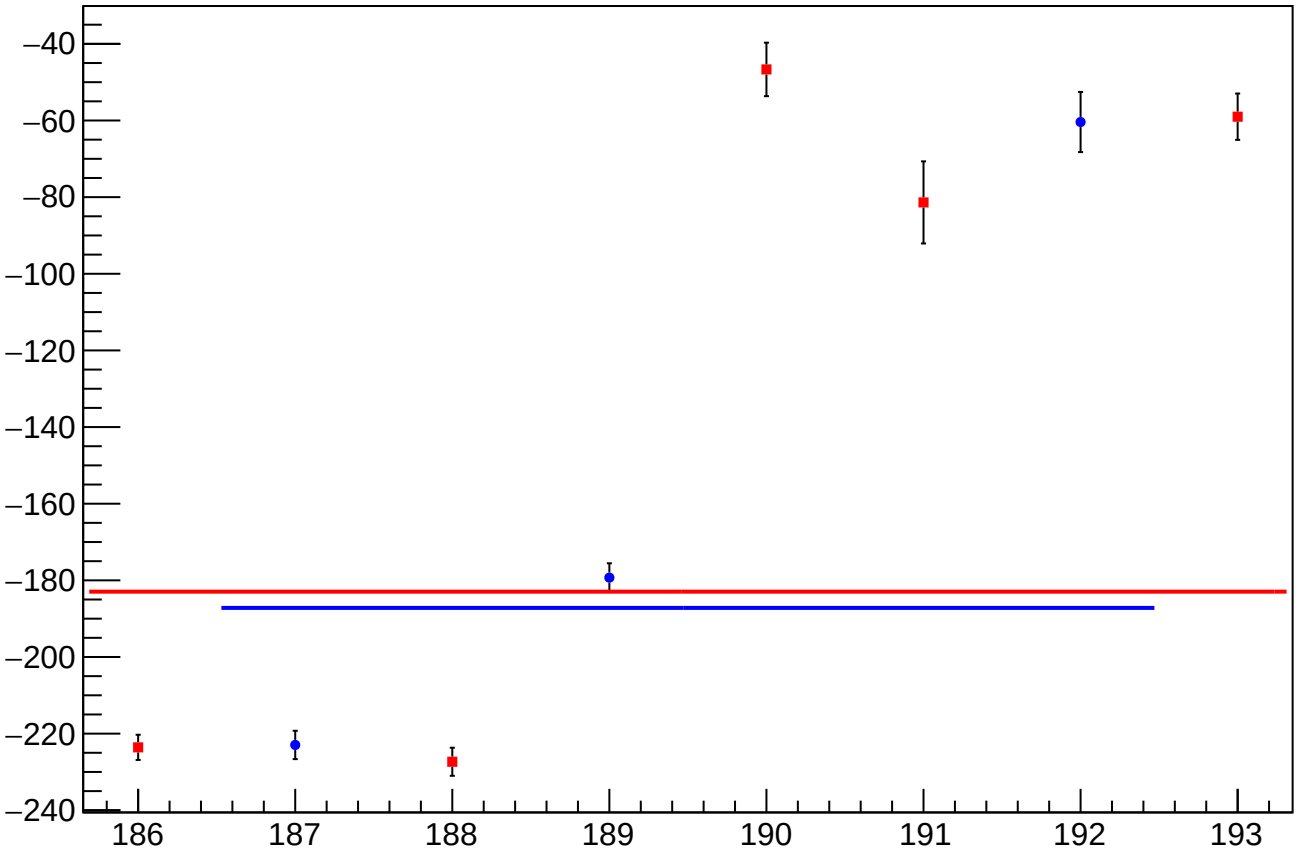
Right: 238.412+/-1.928 χ^2/NDF: 1376.7/7

In: 240.604+/-2.976 χ^2/NDF:288.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 238.412+/-1.928 χ^2/NDF: 1376.7/7


reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−20
−30
−40
−50
−60
186
187
188
189
190
191
192
193
Right In: -30.468+/-3.723 χ²/NDF: 1.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -34.423+/-3.213 χ²/NDF: 4.0/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -32.735+/-2.433 χ²/NDF: 5.7/7
In: -30.468+/-3.723 χ²/NDF:1.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -32.735+/-2.433 χ²/NDF: 5.7/7



Right In: -187.189+/-2.497 χ^2/NDF: 358.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -182.950+/-2.114 χ^2/NDF: 1191.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

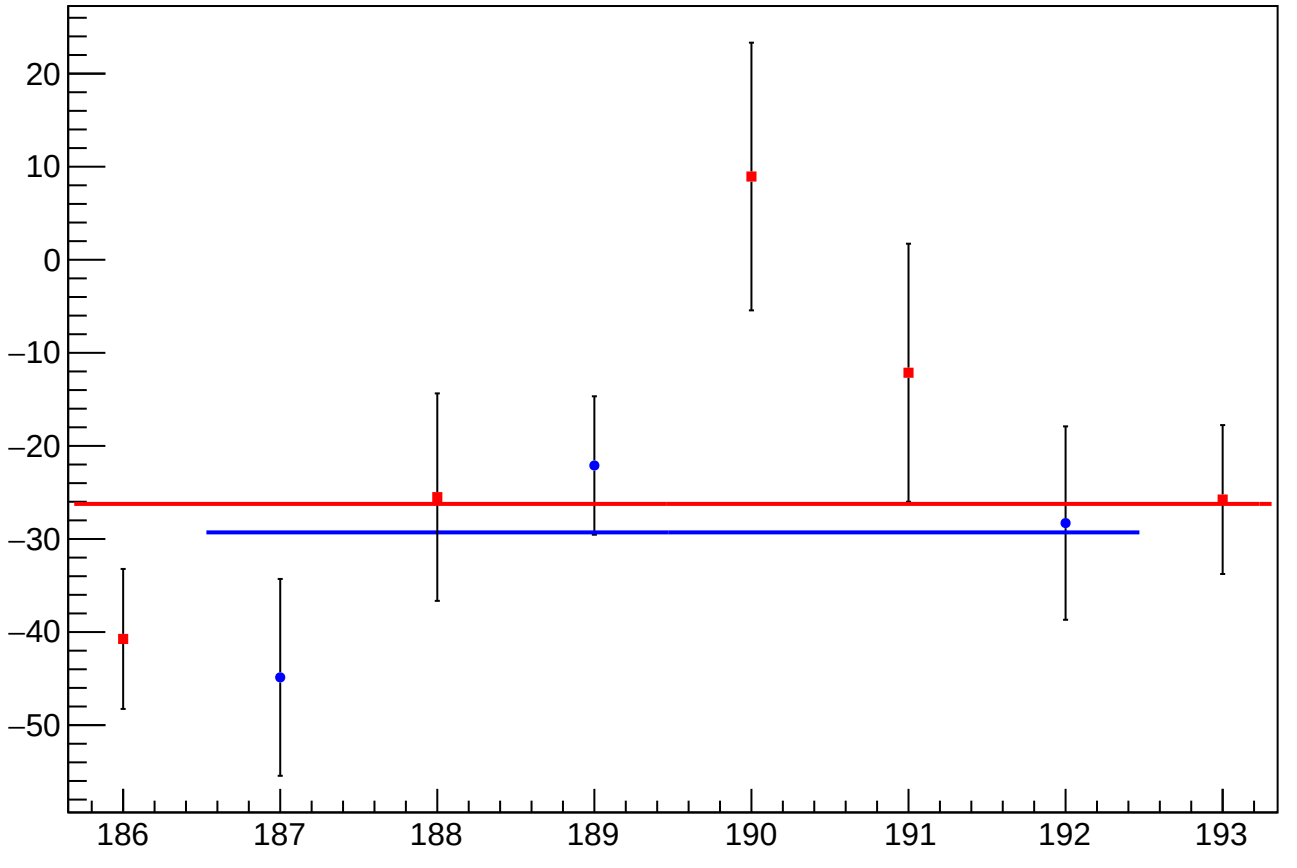
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -184.720+/-1.614 χ^2/NDF: 1551.6/7

In: -187.189+/-2.497 χ^2/NDF:358.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -184.720+/-1.614 χ^2/NDF: 1551.6/7



Right In: -29.292+/-5.249 χ^2/NDF: 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.230+/-4.411 χ^2/NDF: 10.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

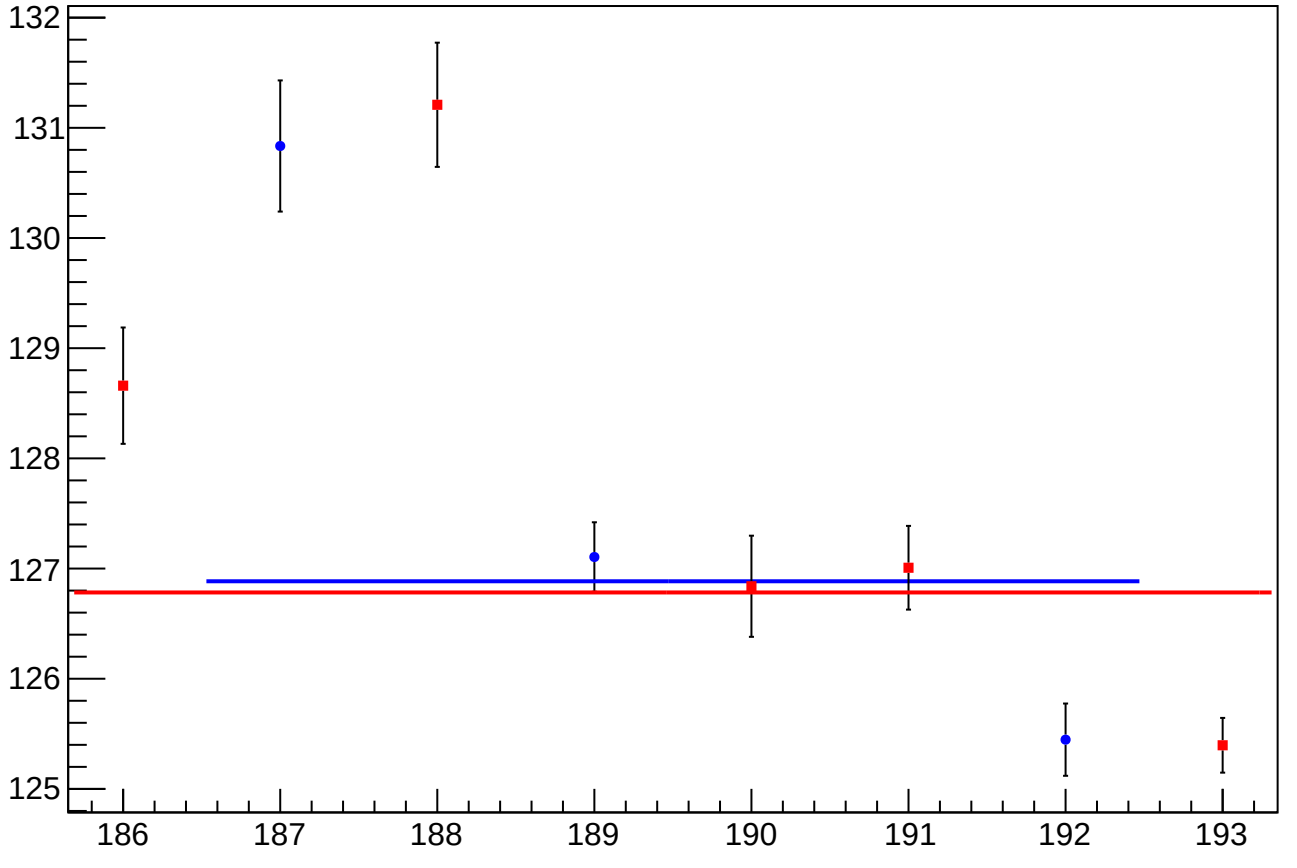
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -27.497+/-3.377 χ^2/NDF: 14.1/7

In: -29.292+/-5.249 χ^2/NDF:3.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.497+/-3.377 χ^2/NDF: 14.1/7



Right In: 126.885+/-0.212 χ^2/NDF: 63.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 126.783+/-0.170 χ^2/NDF: 105.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

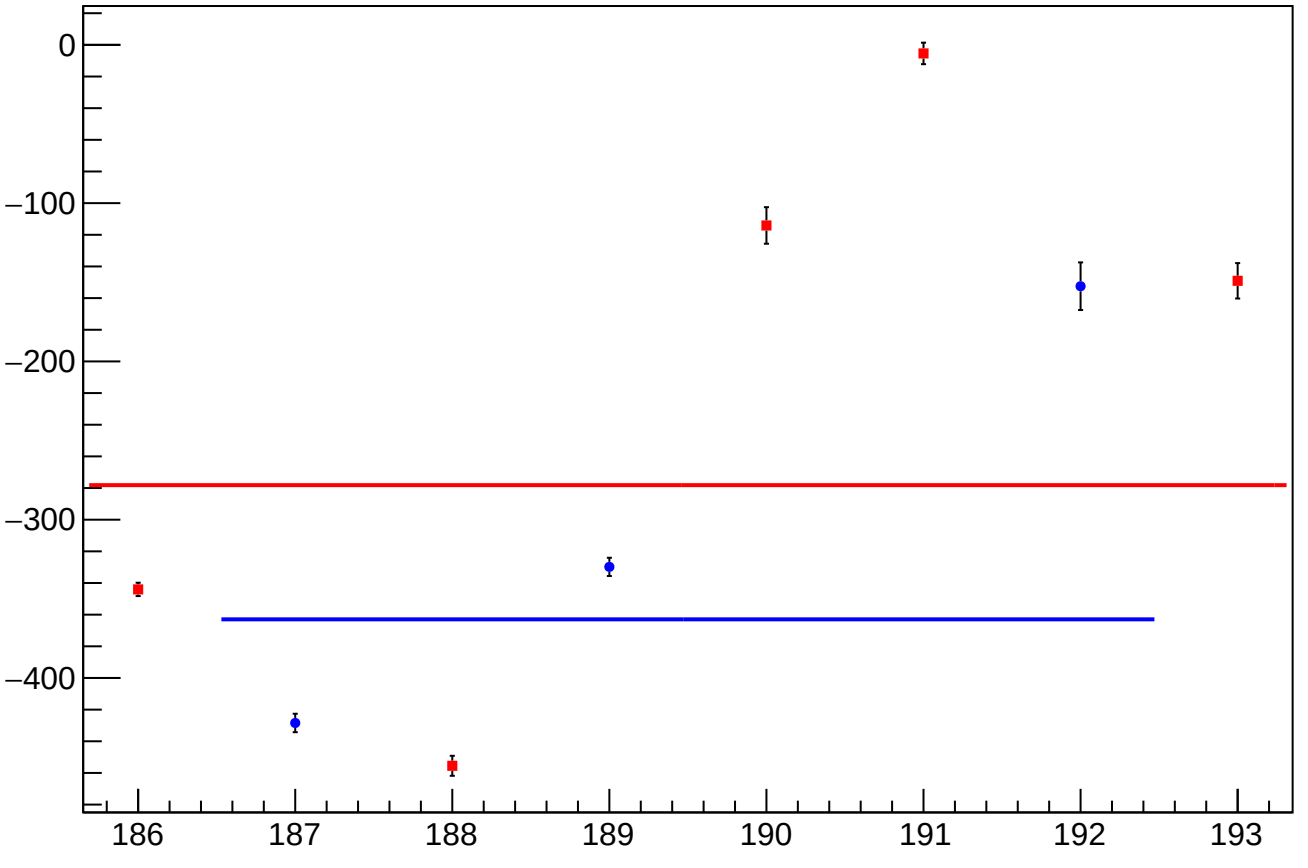
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 126.823+/-0.133 χ^2/NDF: 169.7/7

In: 126.885+/-0.212 χ^2/NDF:63.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 126.823+/-0.133 χ^2/NDF: 169.7/7



Right In: -362.957+/-3.957 χ^2/NDF: 354.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -278.176+/-2.902 χ^2/NDF: 2978.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

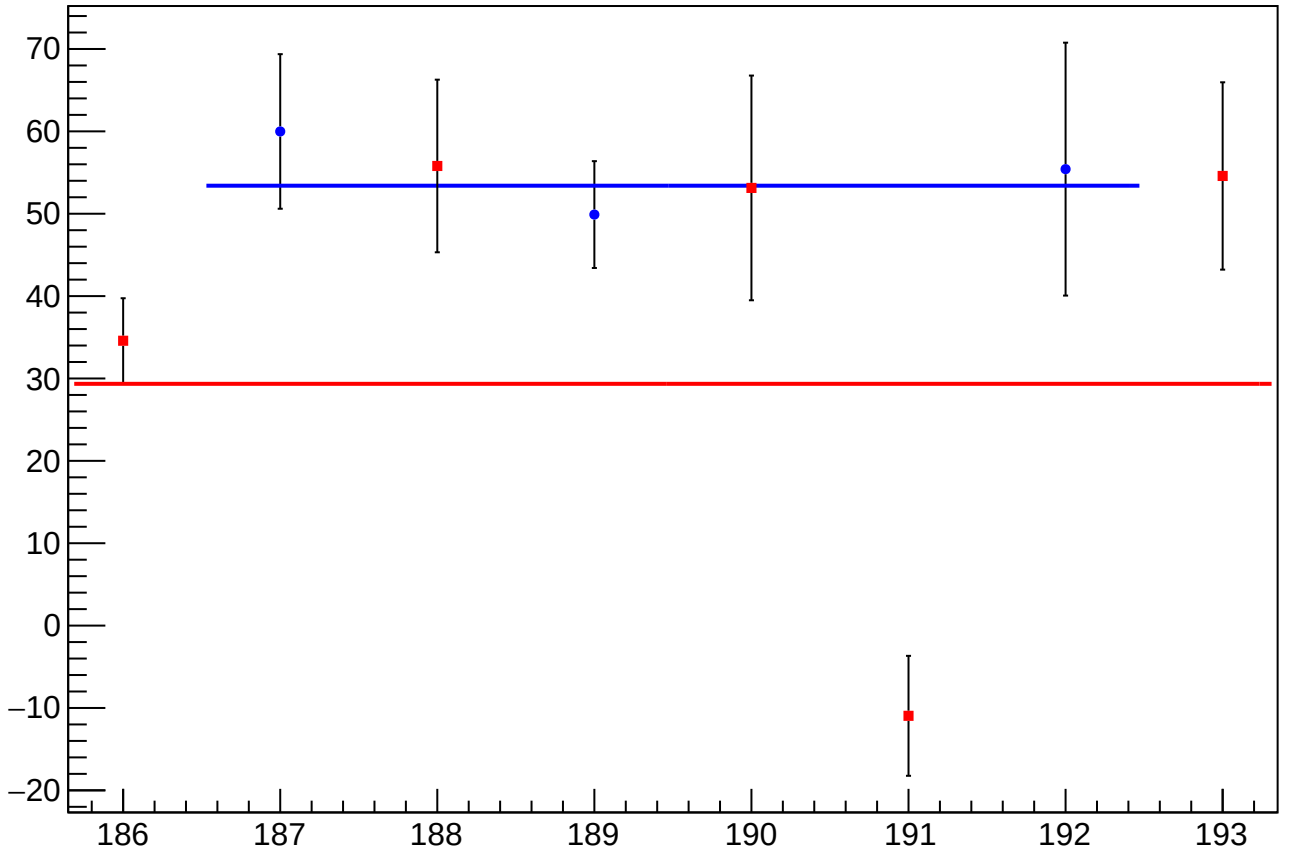
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -307.821+/-2.340 χ^2/NDF: 3631.8/7

In: -362.957+/-3.957 χ^2/NDF:354.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -307.821+/-2.340 χ^2/NDF: 3631.8/7



Right In: 53.403+/-5.039 χ^2/NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 29.350+/-3.566 χ^2/NDF: 46.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

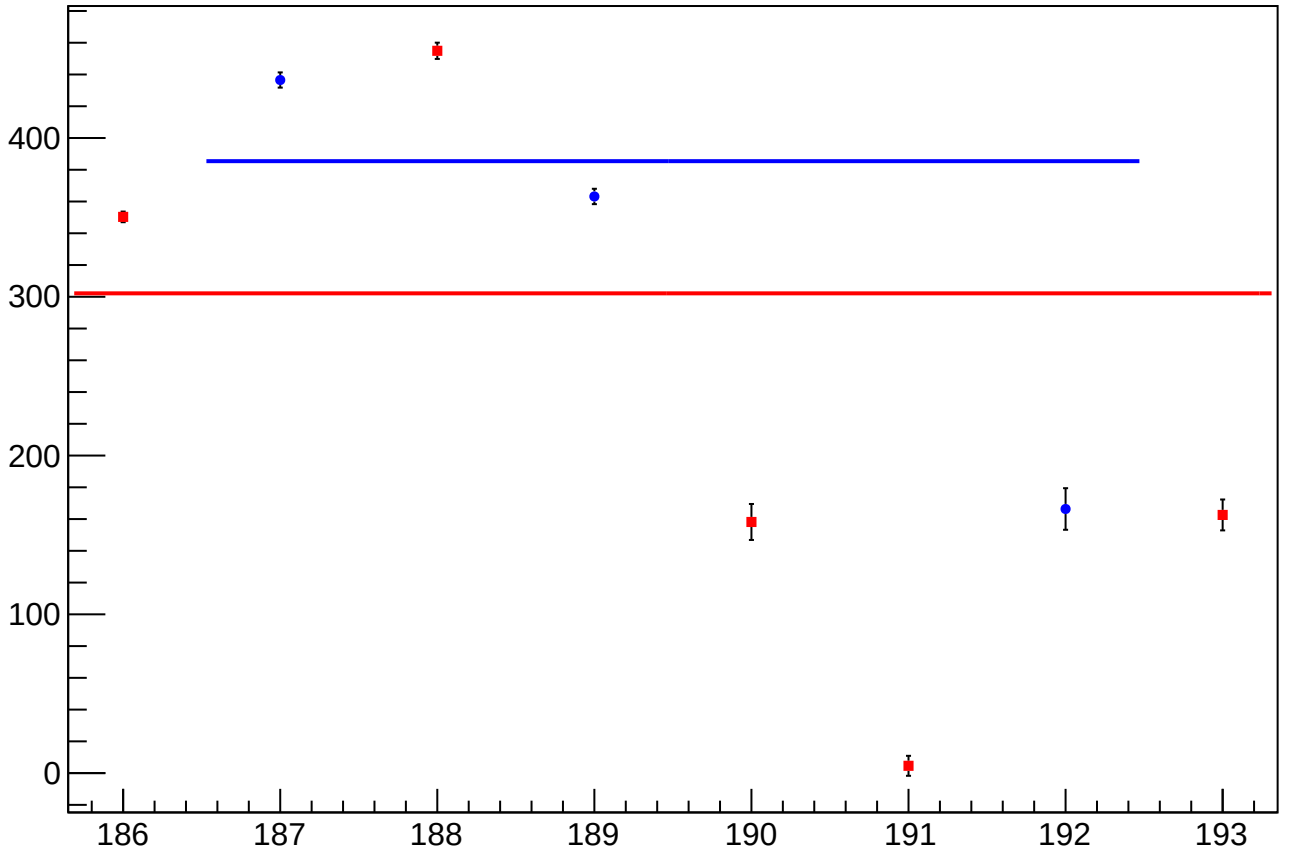
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 37.377+/-2.911 χ^2/NDF: 62.0/7

In: 53.403+/-5.039 χ^2/NDF:0.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 37.377+/-2.911 χ^2/NDF: 62.0/7



Right In: 385.416+/-3.295 χ^2/NDF: 414.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 302.163+/-2.420 χ^2/NDF: 3700.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

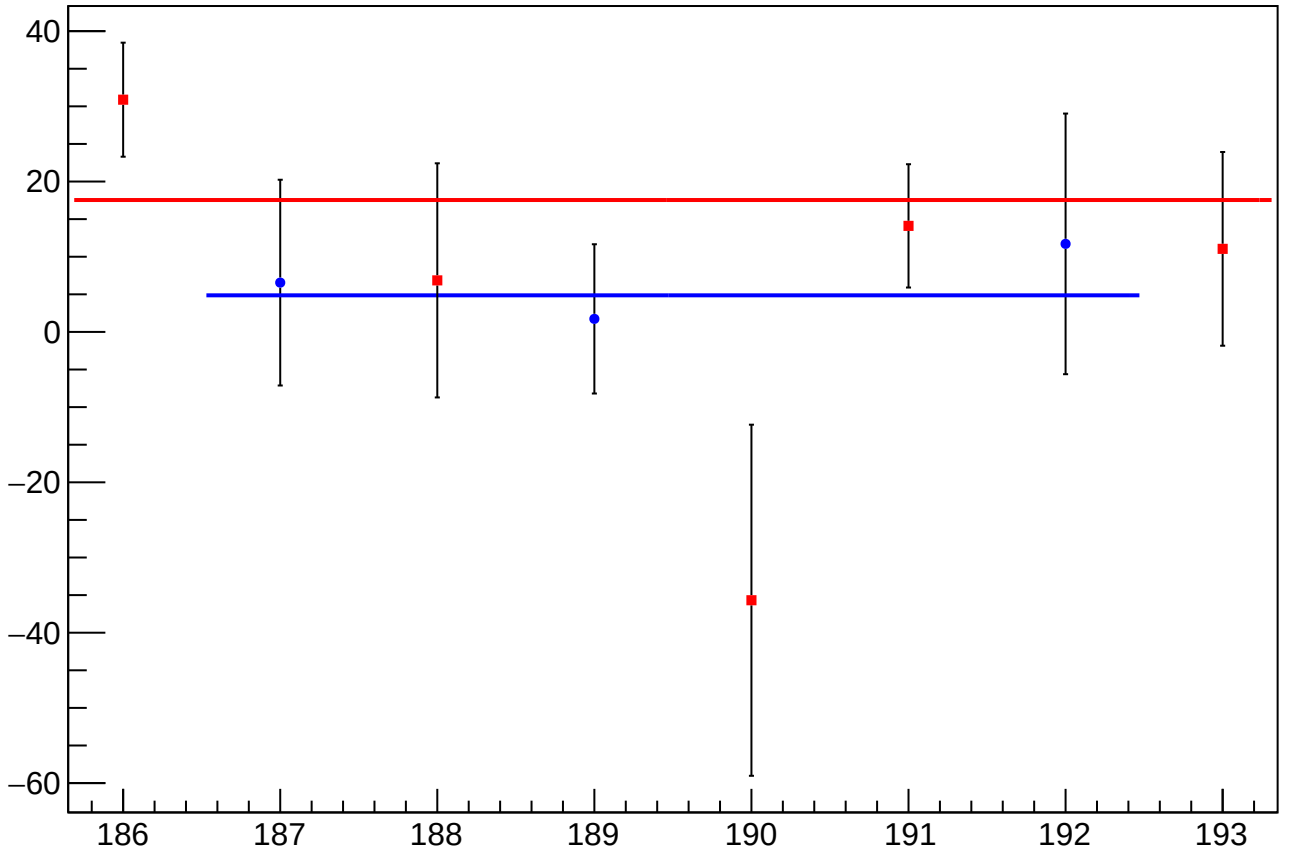
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 331.340+/-1.951 χ^2/NDF: 4530.2/7

In: 385.416+/-3.295 χ^2/NDF:414.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 331.340+/-1.951 χ^2/NDF: 4530.2/7



Right In: 4.867+/-7.289 χ^2/NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.542+/-4.754 χ^2/NDF: 9.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

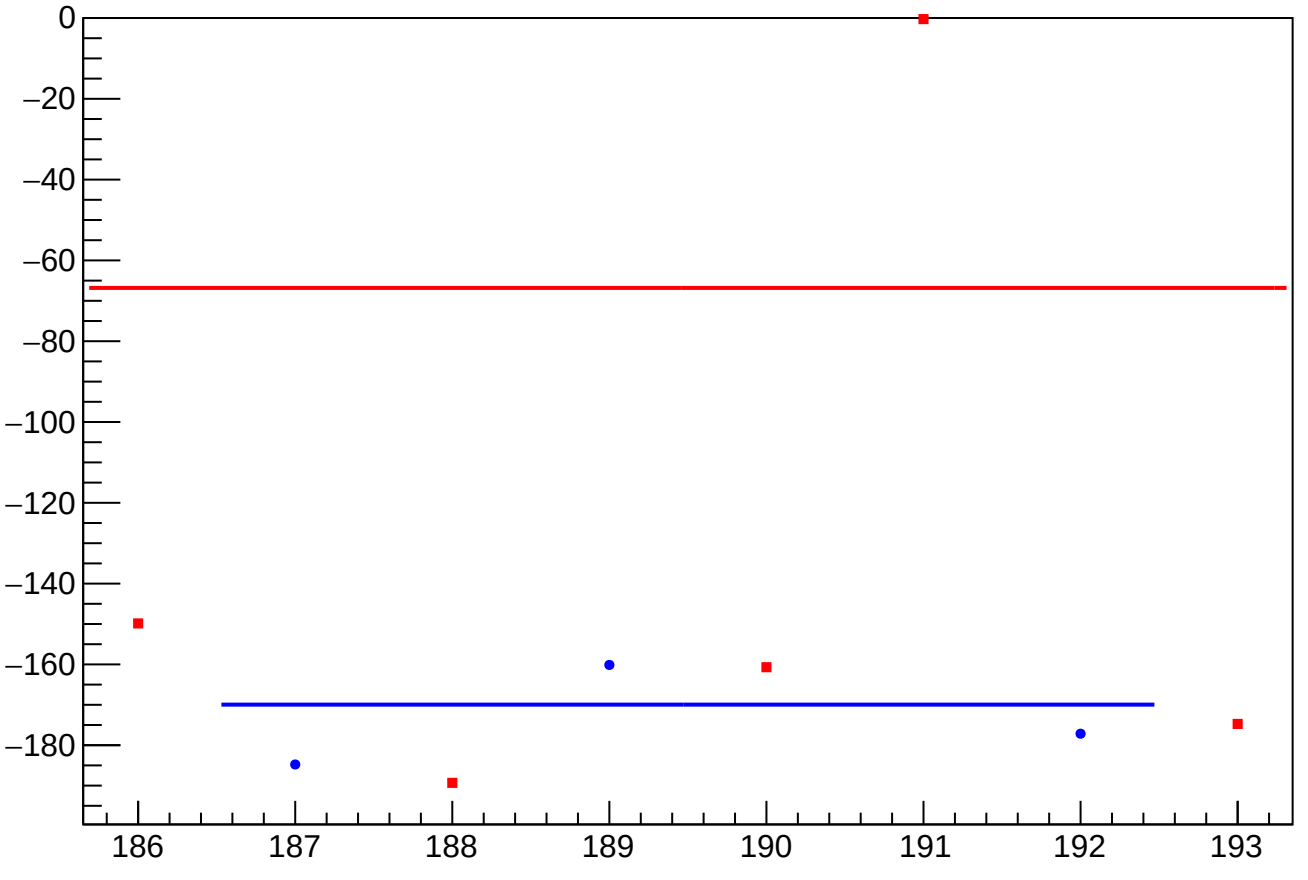
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 13.759+/-3.982 χ^2/NDF: 11.6/7

In: 4.867+/-7.289 χ^2/NDF:0.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.759+/-3.982 χ^2/NDF: 11.6/7



Right In: -169.955+/-0.317 χ^2/NDF: 1017.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -66.810+/-0.174 χ^2/NDF: 224045.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

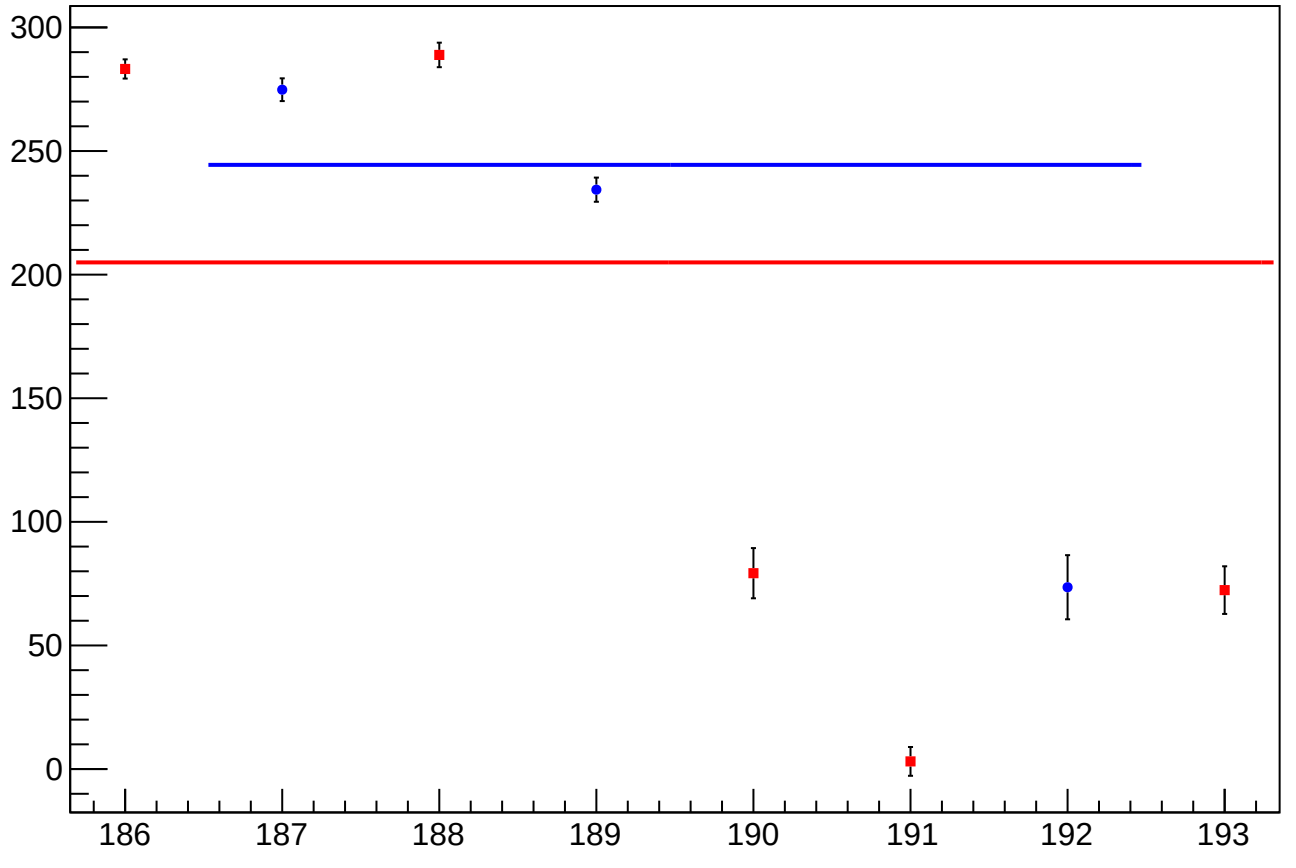
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

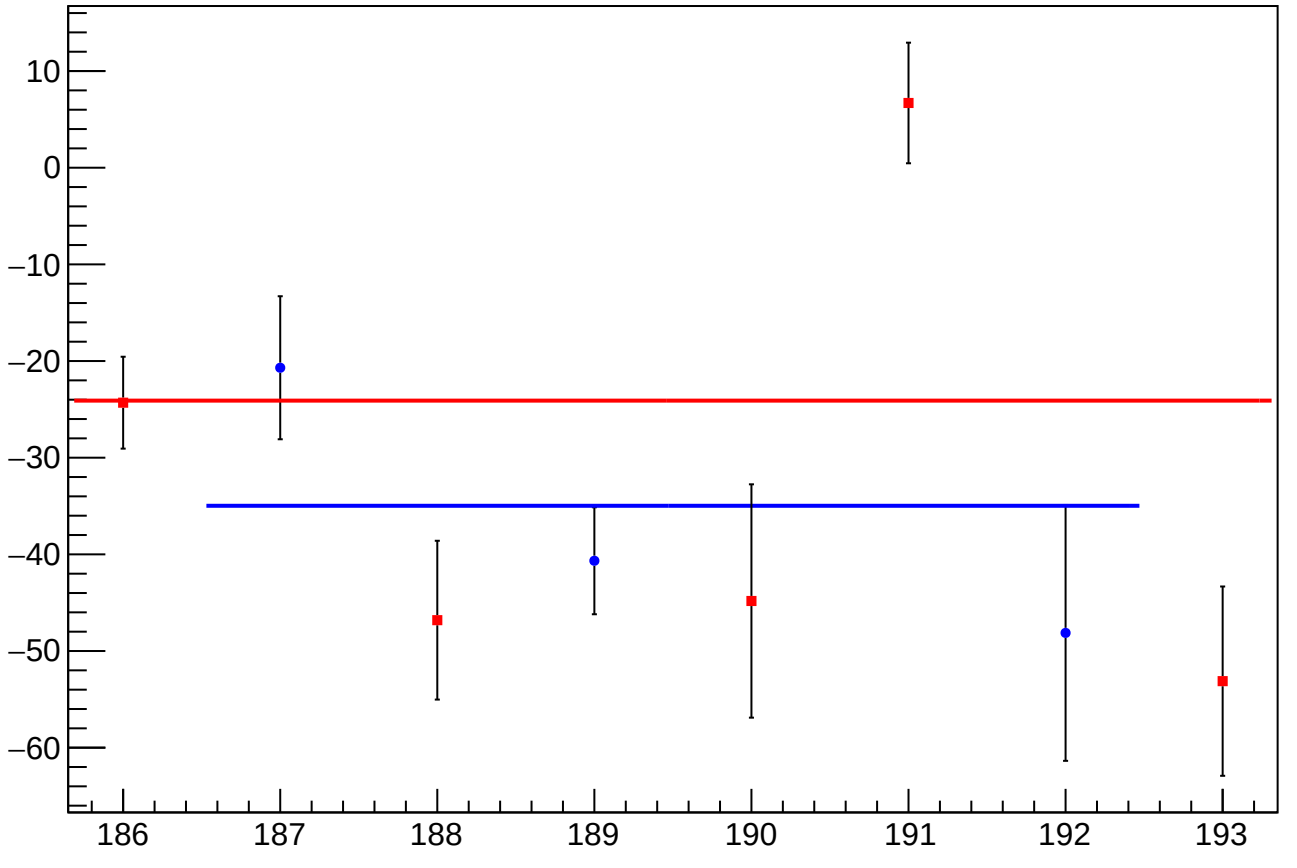
Right: -90.804+/-0.153 χ^2/NDF: 306481.6/7

In: -169.955+/-0.317 χ^2/NDF:1017.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -90.804+/-0.153 χ^2/NDF: 306481.6/7


reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected
300
250
200
150
100
50
0
186
187
188
189
190
191
192
193
Right In: 244.404+/-3.244 χ2/NDF: 221.3/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 204.946+/-2.525 χ2/NDF: 2235.1/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 219.832+/-1.993 χ2/NDF: 2548.6/7
In: 244.404+/-3.244 χ2/NDF:221.3/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 219.832+/-1.993 χ2/NDF: 2548.6/7



Right In: -34.975+/-4.202 χ^2/NDF: 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -24.095+/-3.130 χ^2/NDF: 43.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

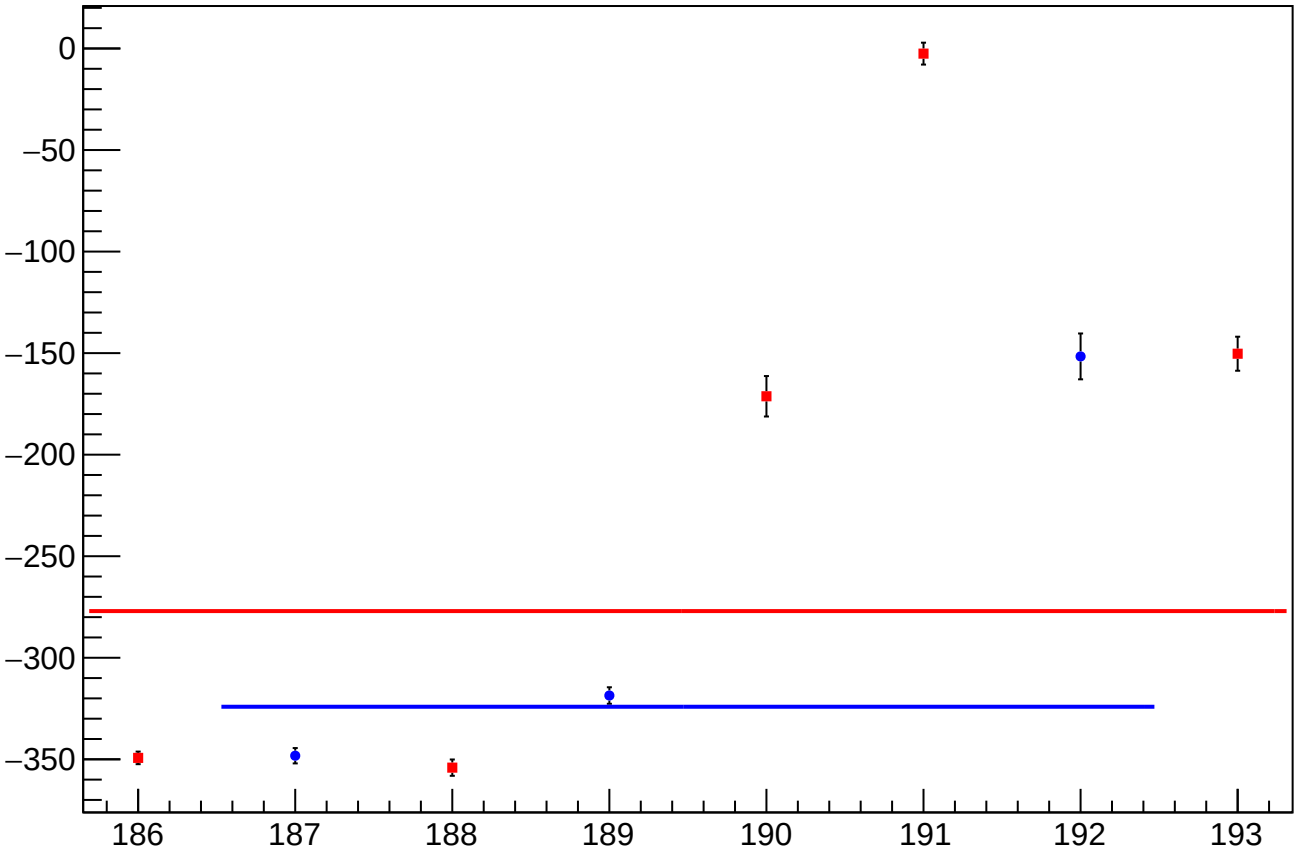
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -27.978+/-2.510 χ^2/NDF: 53.8/7

In: -34.975+/-4.202 χ^2/NDF:5.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.978+/-2.510 χ^2/NDF: 53.8/7



Right In: -324.116+/-2.687 χ^2/NDF: 276.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -277.016+/-2.109 χ^2/NDF: 3844.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

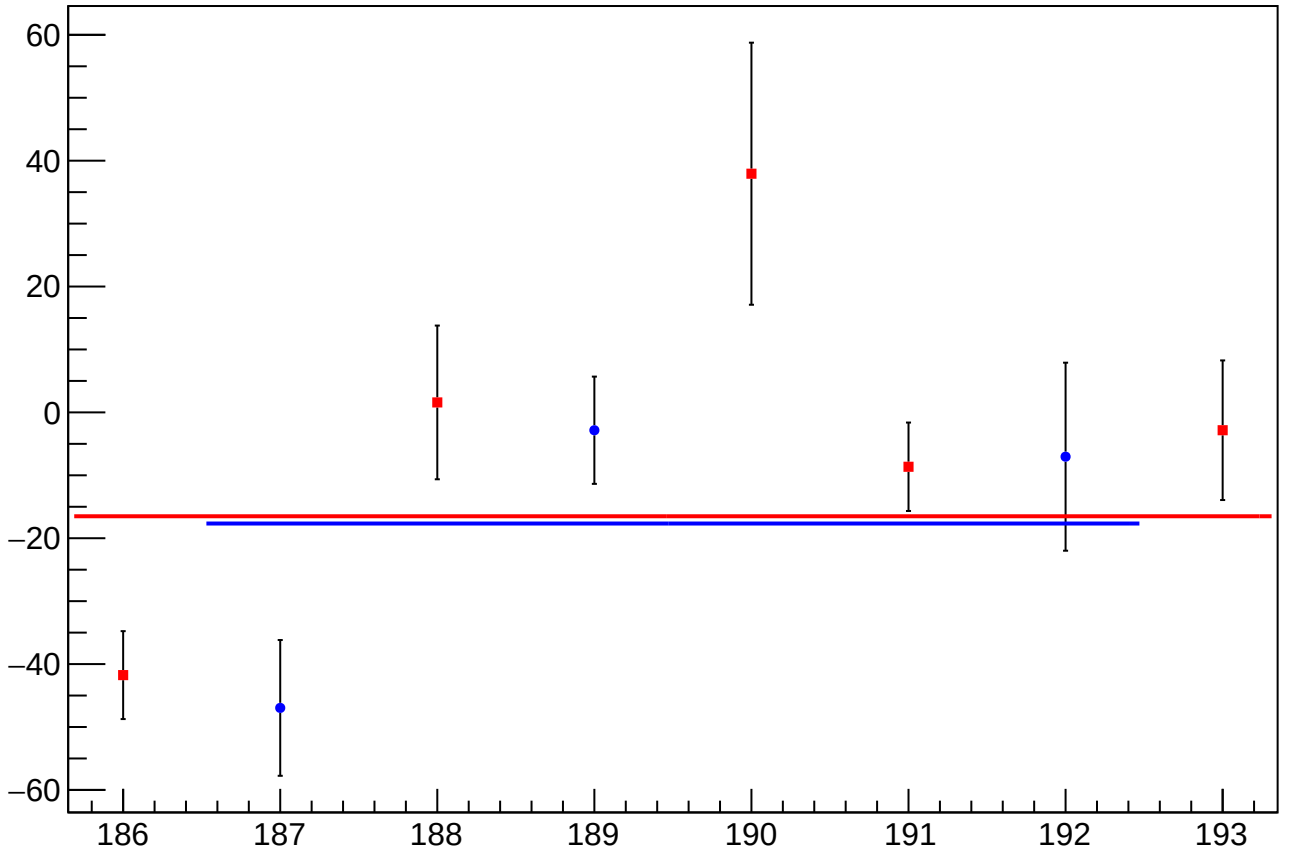
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -294.967+/-1.659 χ^2/NDF: 4311.1/7

In: -324.116+/-2.687 χ^2/NDF:276.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -294.967+/-1.659 χ^2/NDF: 4311.1/7



Right In: -17.663+/-6.104 χ^2/NDF: 10.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -16.509+/-4.156 χ^2/NDF: 24.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

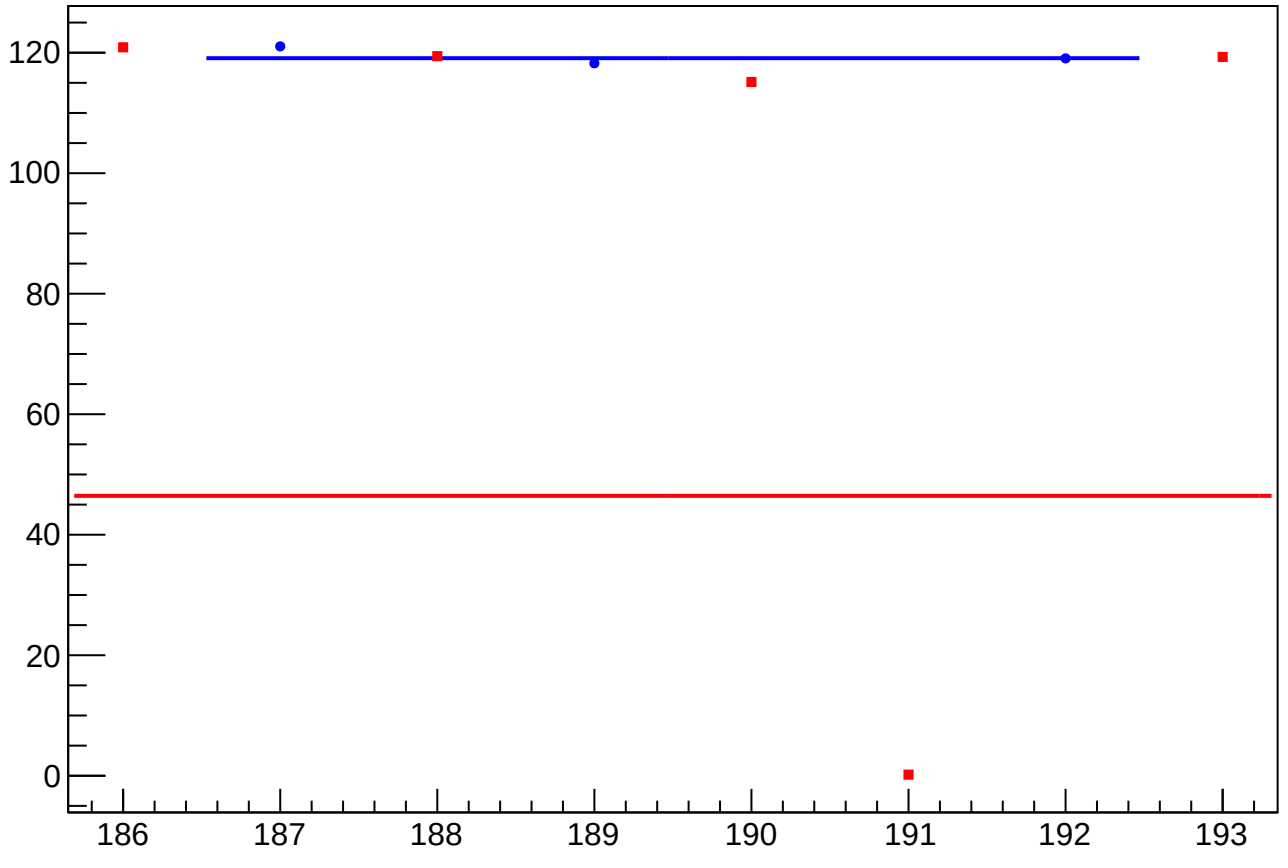
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -16.874+/-3.436 χ^2/NDF: 35.8/7

In: -17.663+/-6.104 χ^2/NDF:10.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -16.874+/-3.436 χ^2/NDF: 35.8/7



Right In: 119.089+/-0.275 χ^2/NDF: 14.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.456+/-0.150 χ^2/NDF: 148923.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

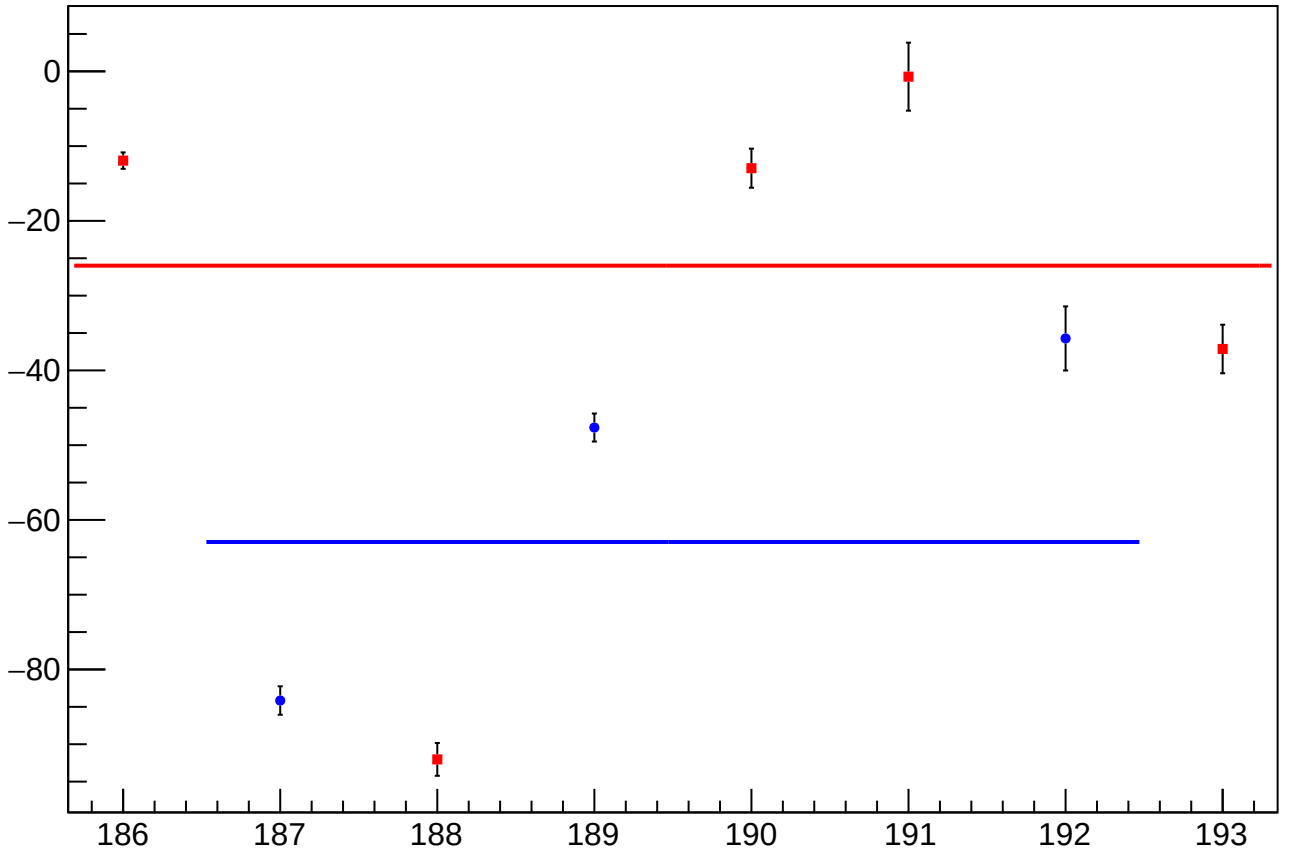
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 63.118+/-0.132 χ^2/NDF: 202516.3/7

In: 119.089+/-0.275 χ^2/NDF:14.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 63.118+/-0.132 χ^2/NDF: 202516.3/7



Right In: -62.949+/-1.276 χ^2/NDF: 230.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.989+/-0.868 χ^2/NDF: 1137.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

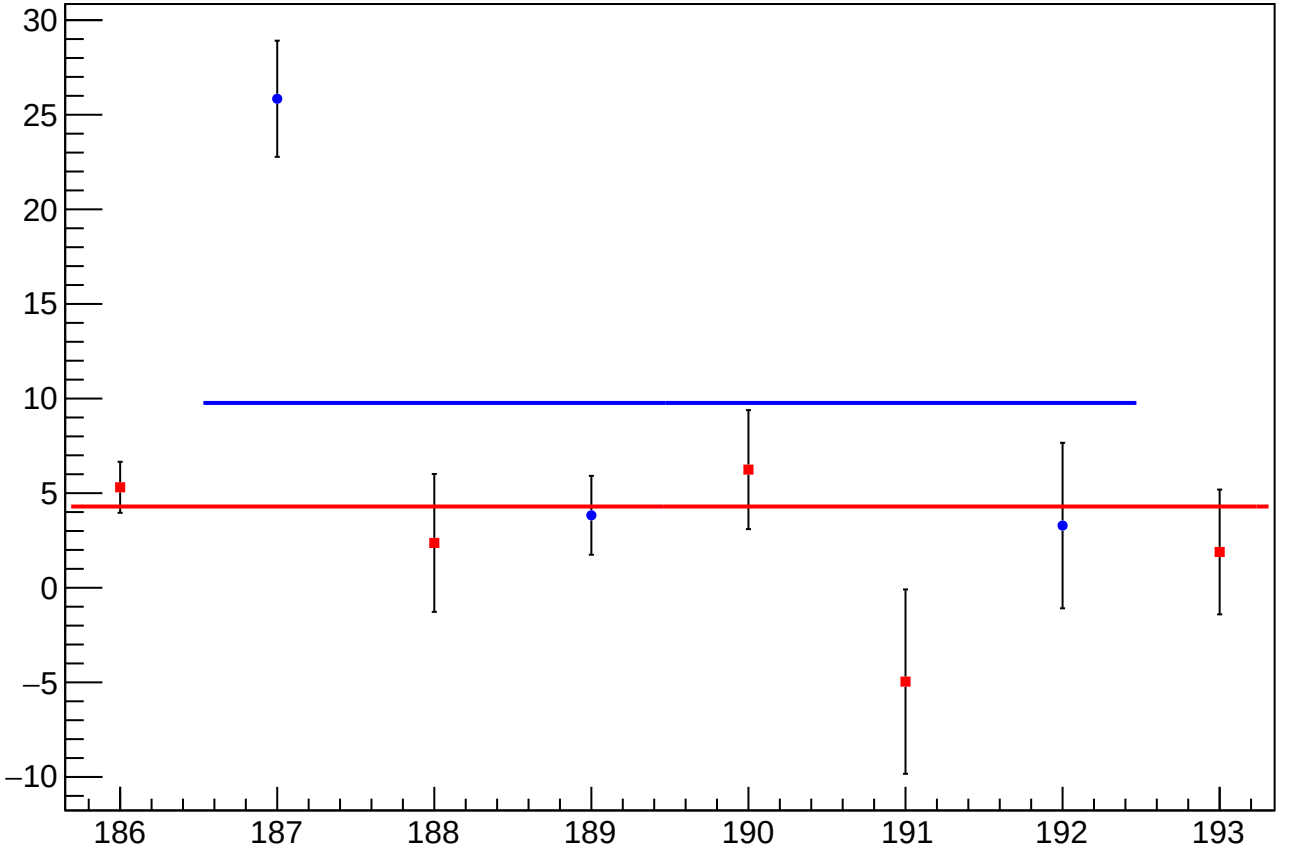
Right: -37.686+/-0.718 χ^2/NDF: 1942.2/7

In: -62.949+/-1.276 χ^2/NDF:230.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -37.686+/-0.718 χ^2/NDF: 1942.2/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.769+/-1.605 χ^2/NDF: 37.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.294+/-1.078 χ^2/NDF: 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

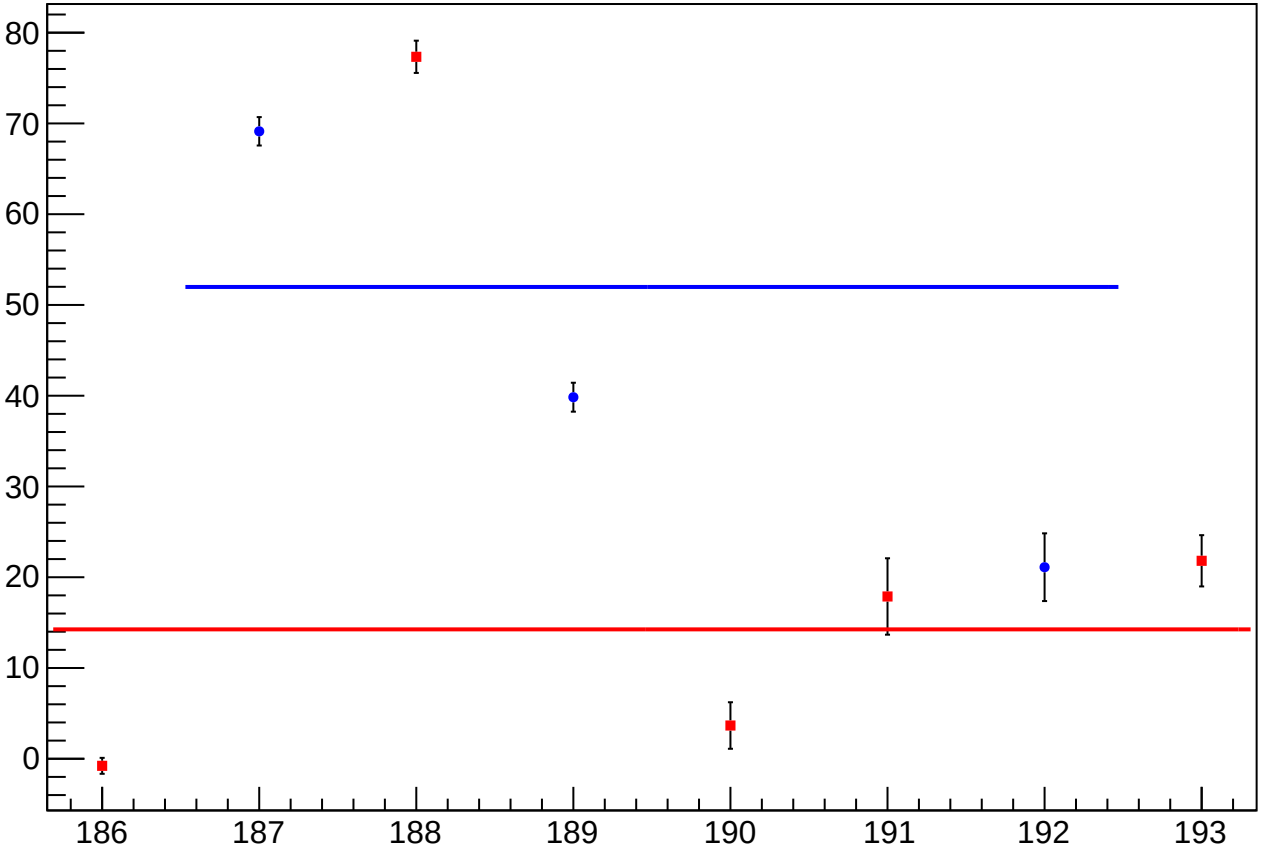
Right: 5.996+/-0.895 χ^2/NDF: 51.1/7

In: 9.769+/-1.605 χ^2/NDF:37.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.996+/-0.895 χ^2/NDF: 51.1/7

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.983+/-1.070 χ^2/NDF: 246.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.256+/-0.716 χ^2/NDF: 1578.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

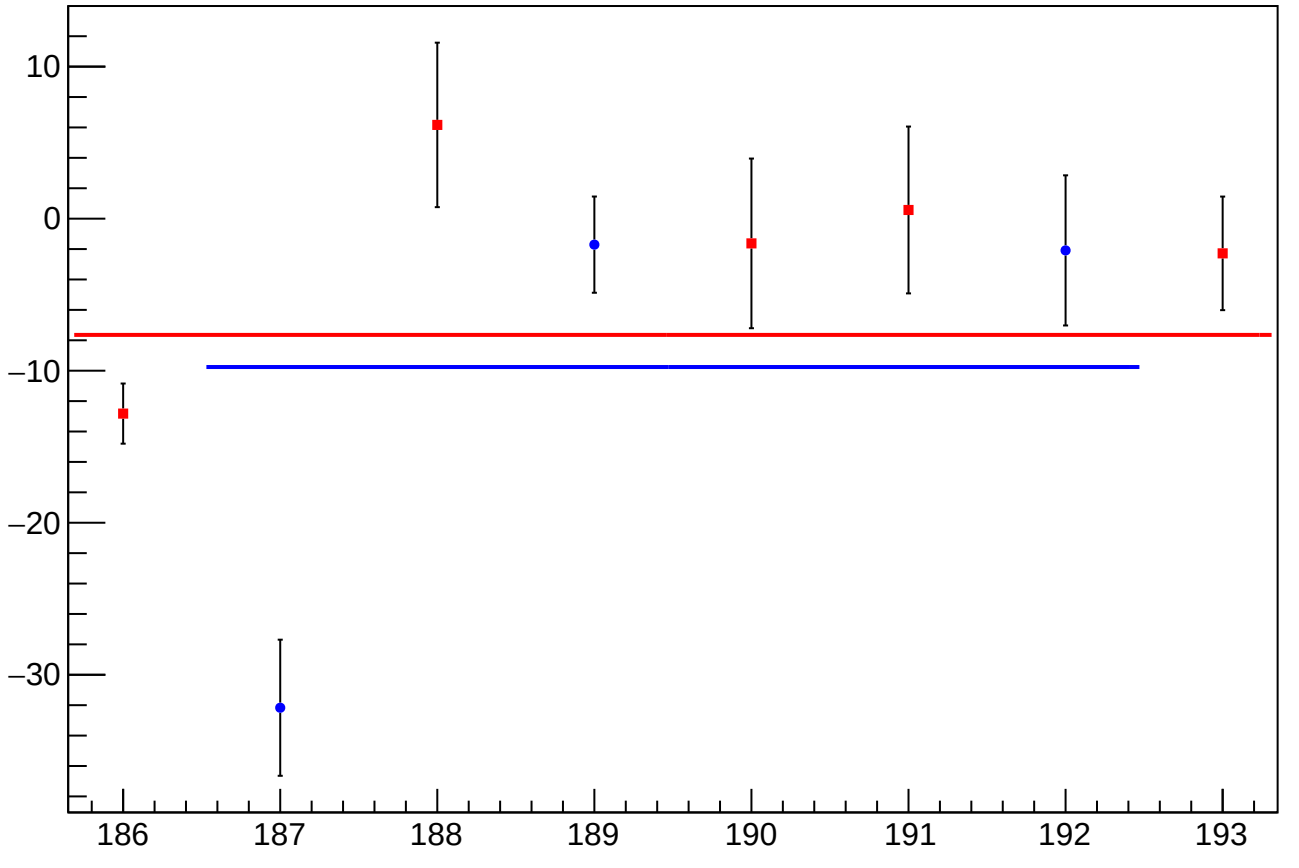
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 25.931+/-0.595 χ^2/NDF: 2682.8/7

In: 51.983+/-1.070 χ^2/NDF:246.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.931+/-0.595 χ^2/NDF: 2682.8/7



Right In: -9.758+/-2.289 χ^2/NDF: 33.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.645+/-1.531 χ^2/NDF: 18.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

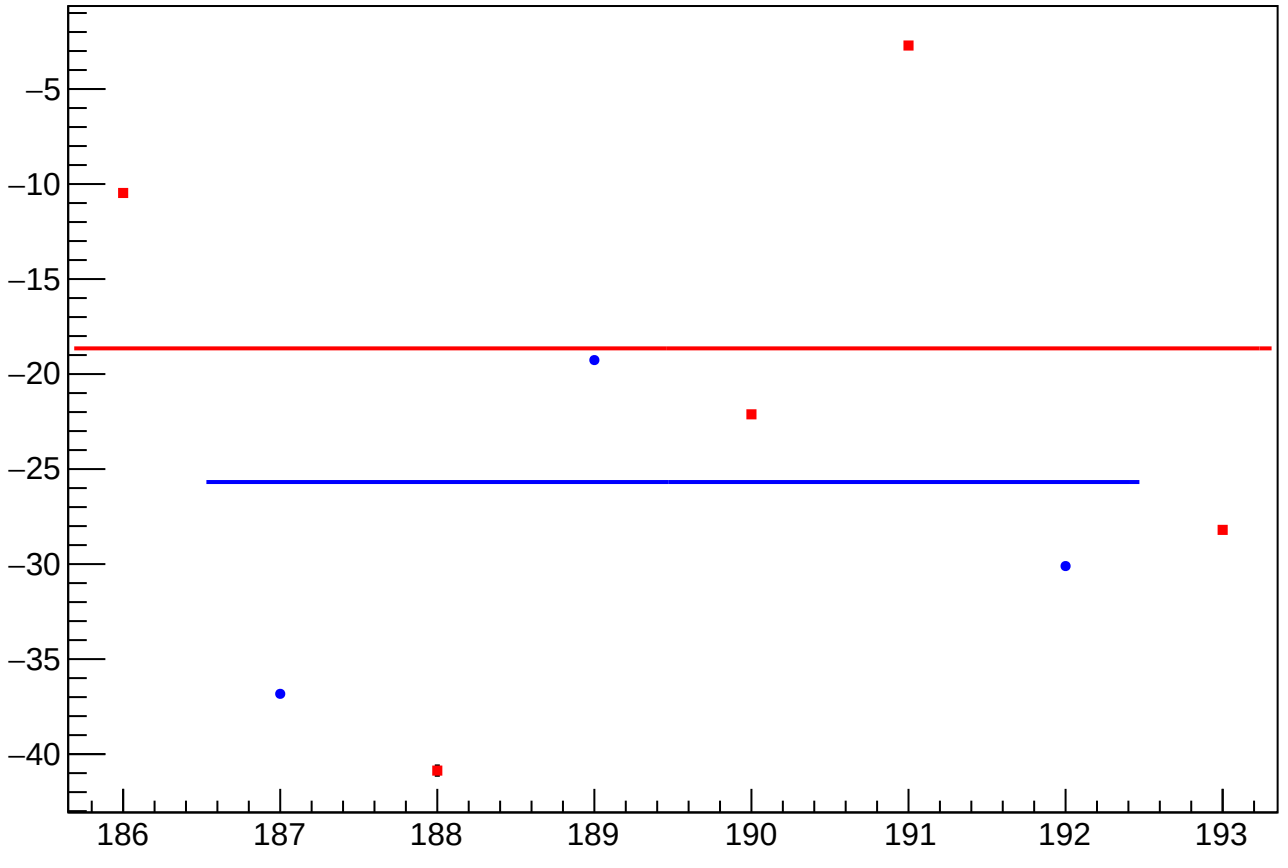
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

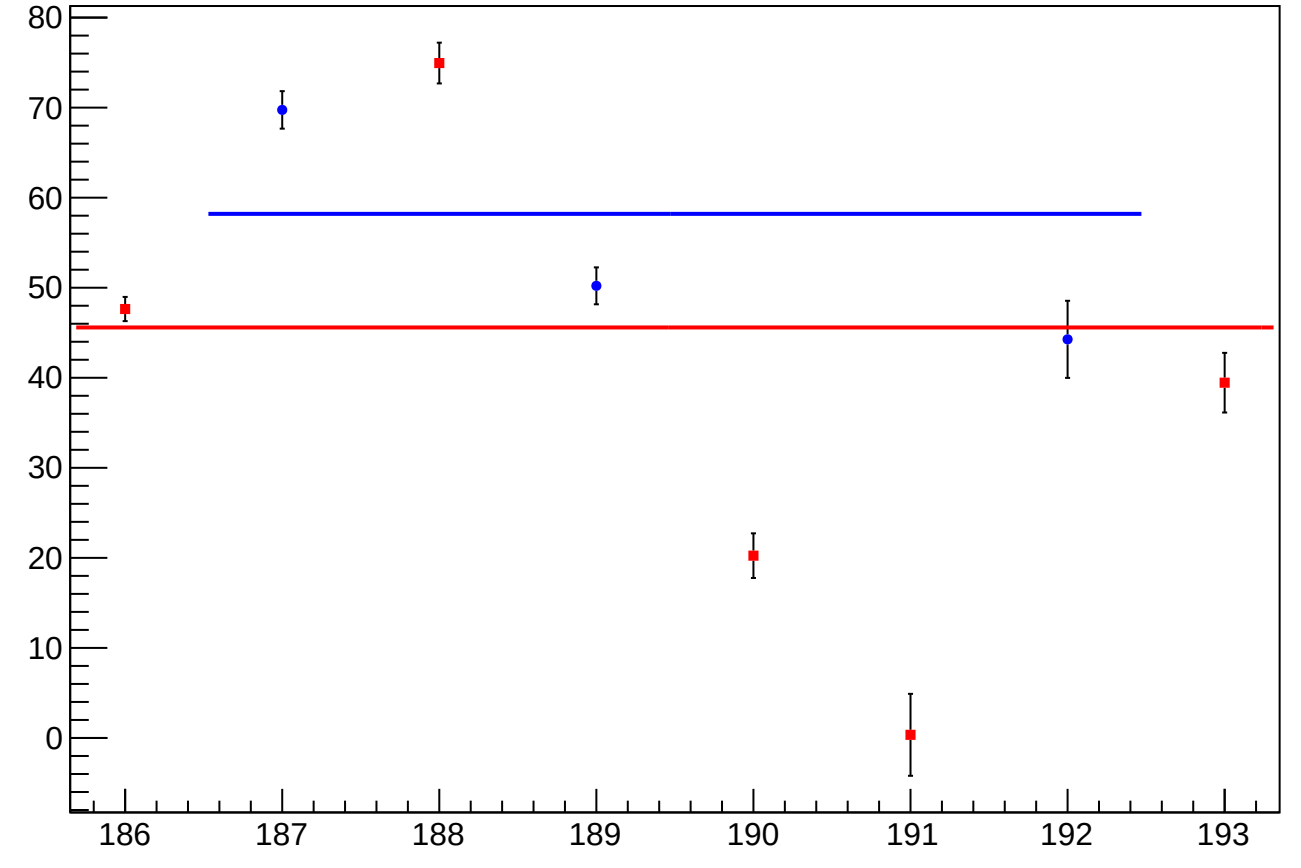
Right: -8.298+/-1.273 χ^2/NDF: 53.4/7

In: -9.758+/-2.289 χ^2/NDF:33.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.298+/-1.273 χ^2/NDF: 53.4/7


reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−5
−10
−15
−20
−25
−30
−35
−40
186
187
188
189
190
191
192
193
Right In: -25.682+/-0.094 χ²/NDF: 5042.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -18.648+/-0.069 χ²/NDF: 28335.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -21.082+/-0.055 χ²/NDF: 37016.1/7
In: -25.682+/-0.094 χ²/NDF:5042.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -21.082+/-0.055 χ²/NDF: 37016.1/7



Right In: 58.203+/-1.383 χ^2/NDF: 56.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.587+/-0.975 χ^2/NDF: 377.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

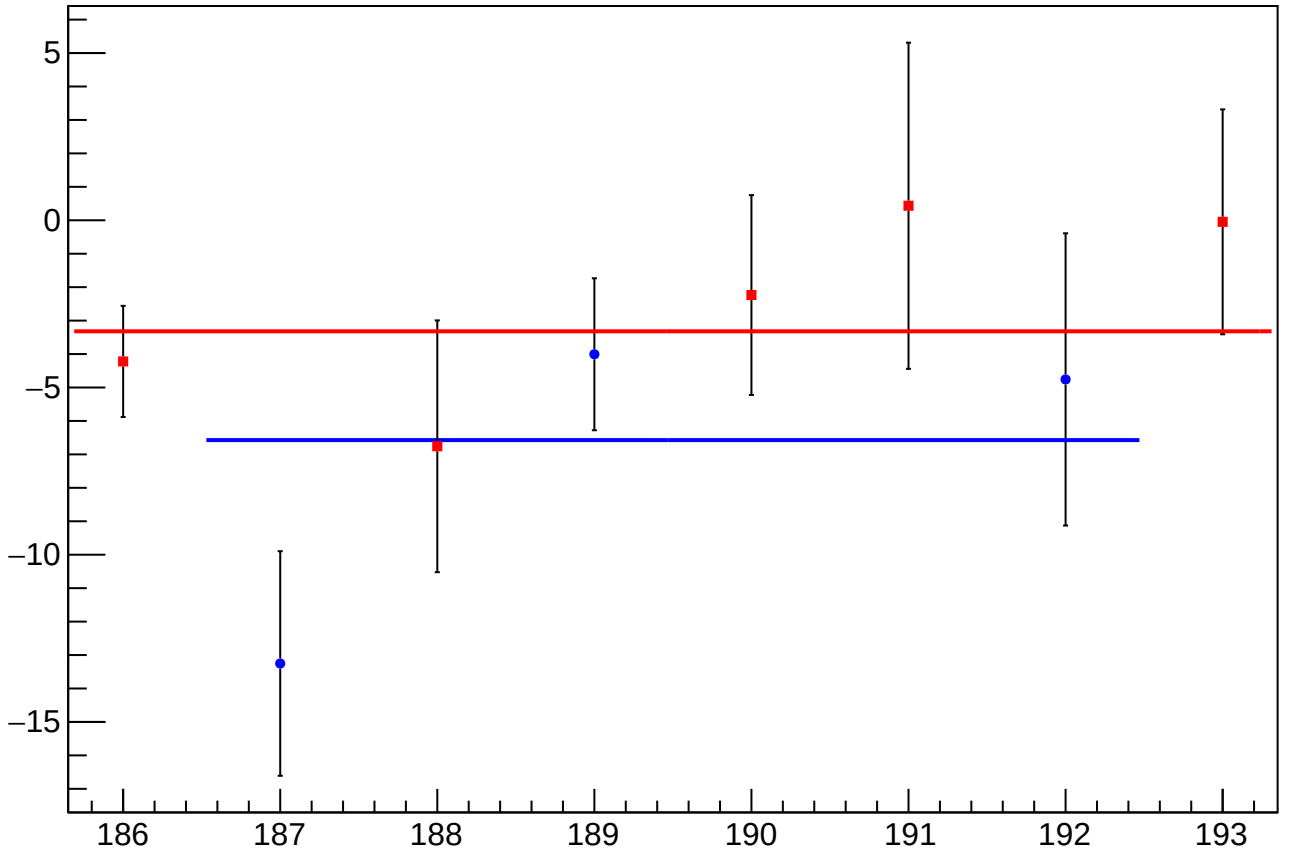
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 49.779+/-0.797 χ^2/NDF: 489.4/7

In: 58.203+/-1.383 χ^2/NDF:56.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 49.779+/-0.797 χ^2/NDF: 489.4/7



Right In: -6.573+/-1.728 χ^2/NDF: 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.320+/-1.217 χ^2/NDF: 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

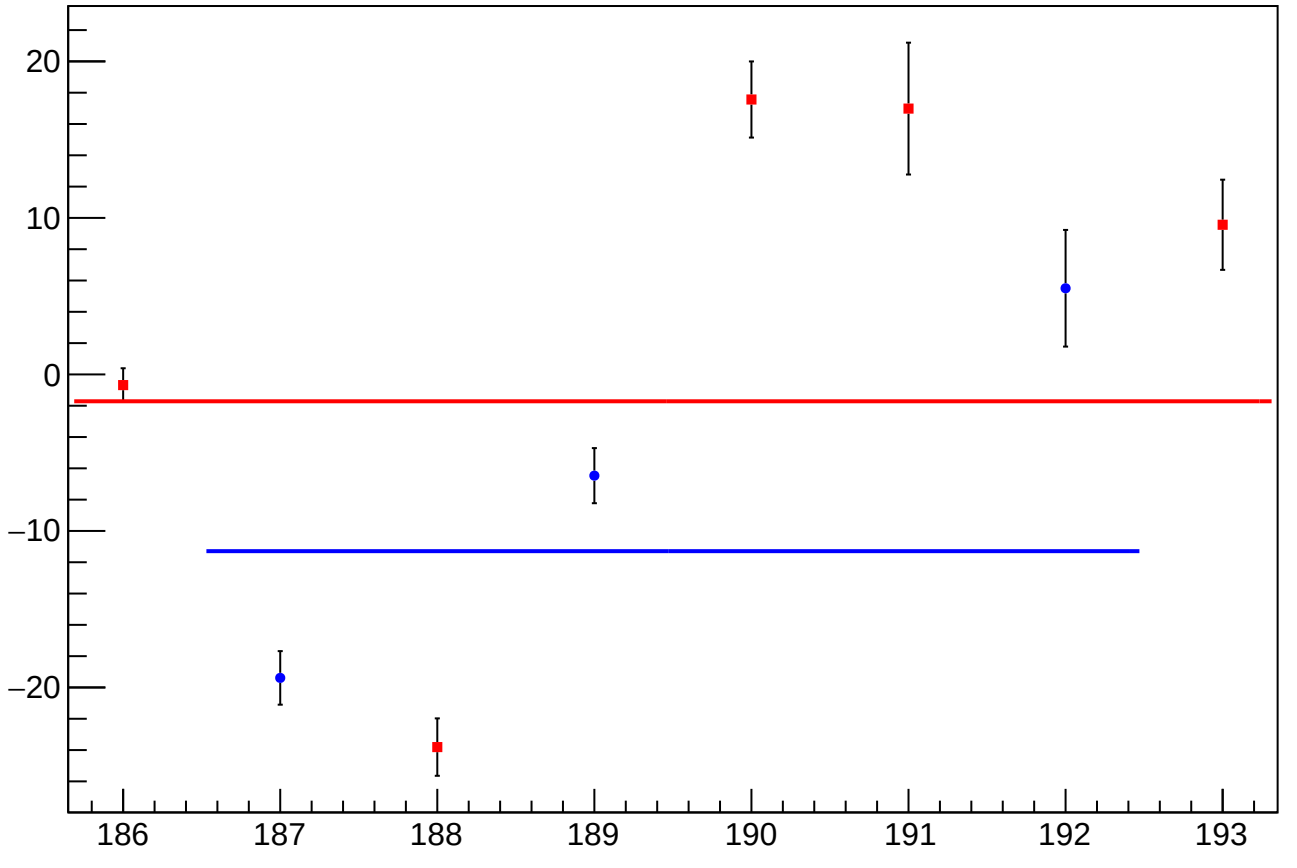
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.398+/-0.995 χ^2/NDF: 10.6/7

In: -6.573+/-1.728 χ^2/NDF:5.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.398+/-0.995 χ^2/NDF: 10.6/7



Right In: -11.292+/-1.166 χ^2/NDF: 50.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.716+/-0.815 χ^2/NDF: 243.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

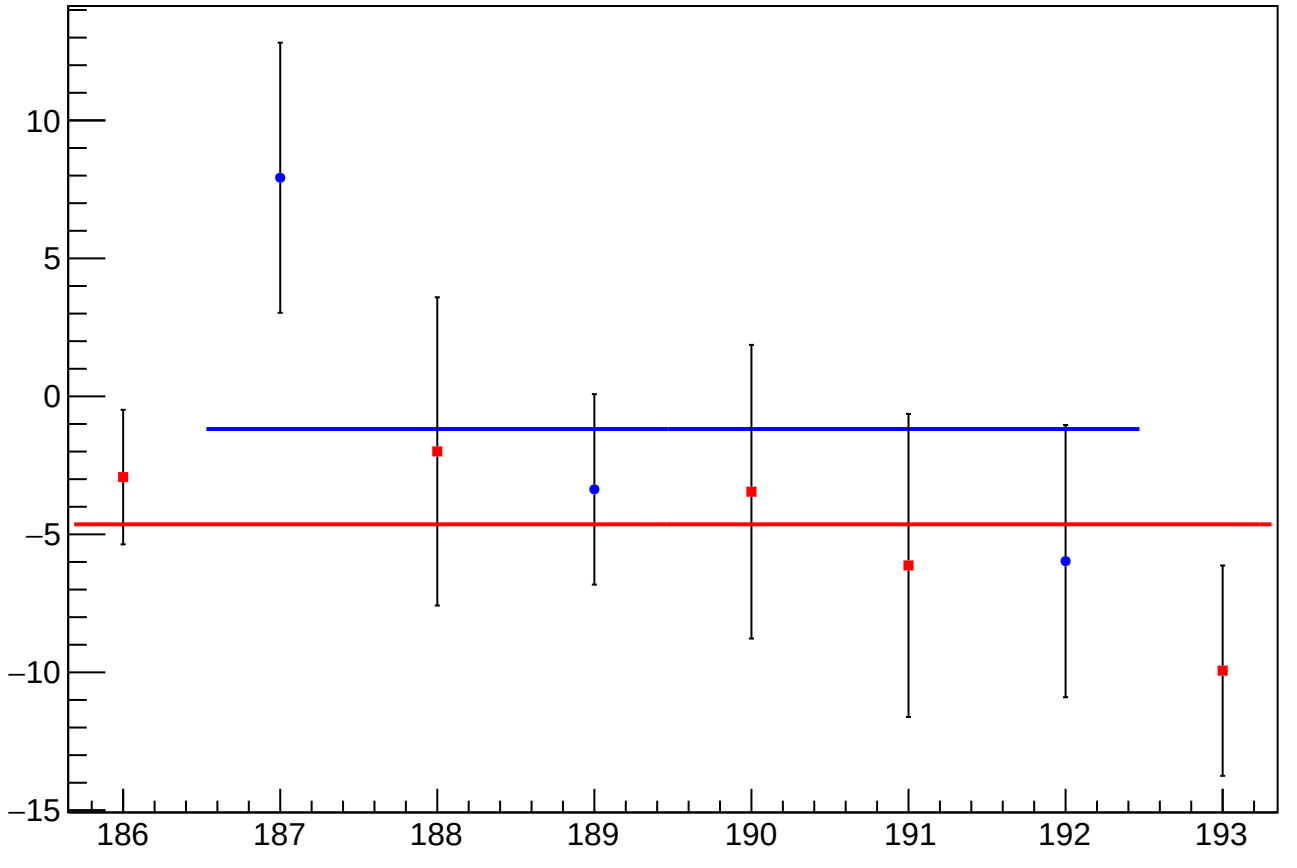
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.859+/-0.668 χ^2/NDF: 339.4/7

In: -11.292+/-1.166 χ^2/NDF:50.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.859+/-0.668 χ^2/NDF: 339.4/7



Right In: -1.183+/-2.449 χ^2/NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.637+/-1.721 χ^2/NDF: 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

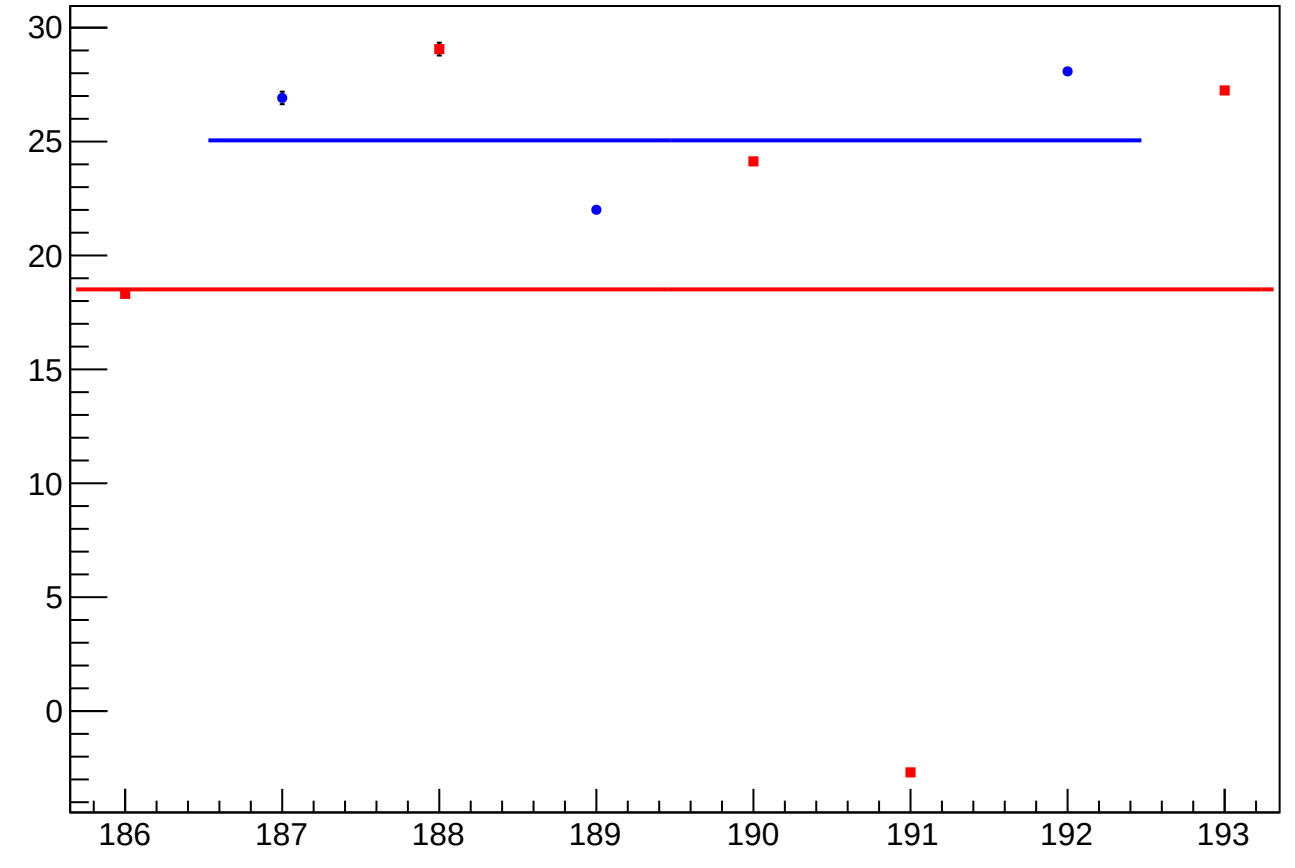
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.495+/-1.408 χ^2/NDF: 8.9/7

In: -1.183+/-2.449 χ^2/NDF:4.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.495+/-1.408 χ^2/NDF: 8.9/7



Right In: 25.053+/-0.098 χ^2/NDF: 880.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.511+/-0.072 χ^2/NDF: 27804.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

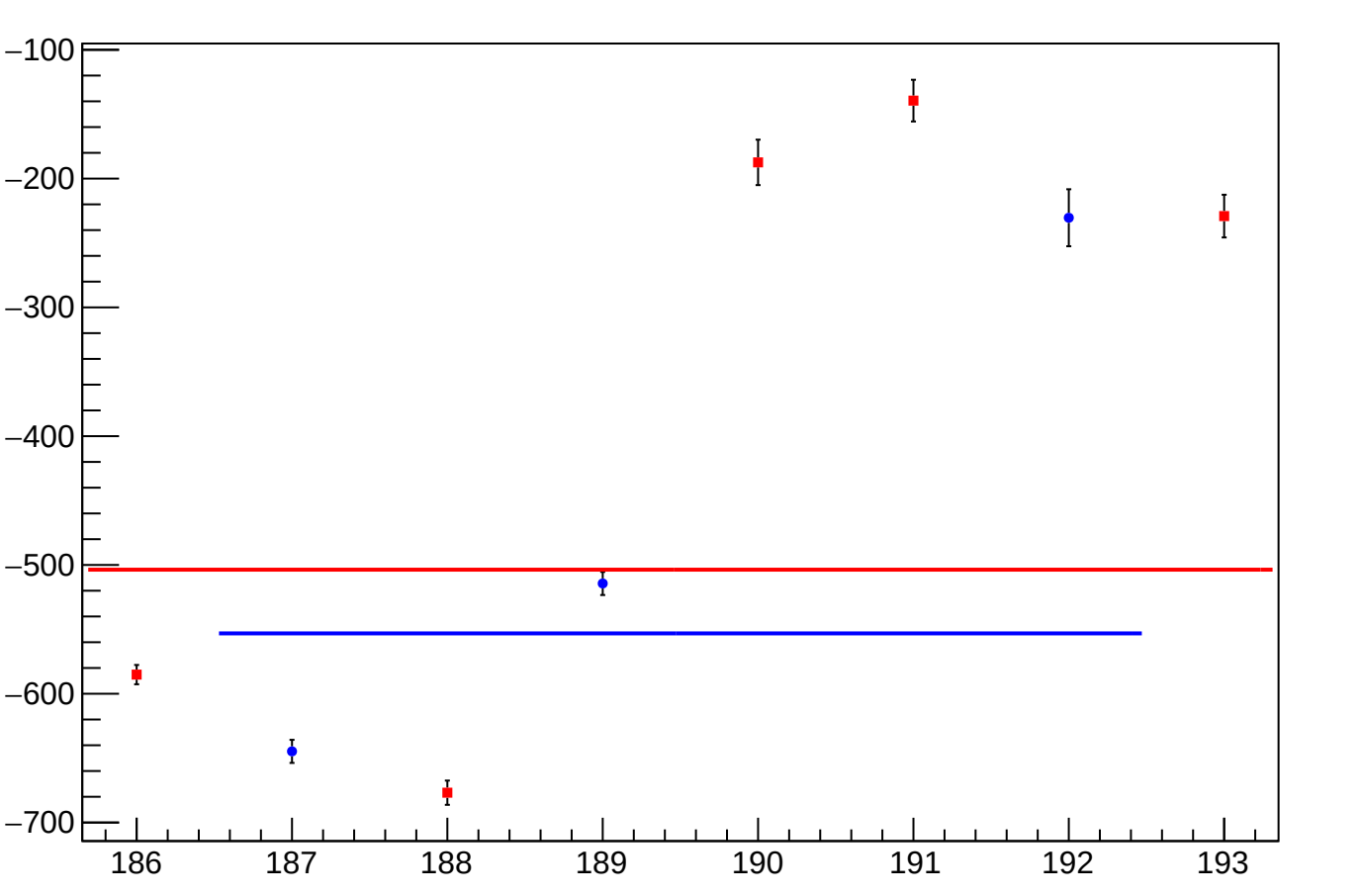
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.777+/-0.058 χ^2/NDF: 31581.3/7

In: 25.053+/-0.098 χ^2/NDF:880.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.777+/-0.058 χ^2/NDF: 31581.3/7



Right In: -553.136+/-6.098 χ^2/NDF: 335.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -503.666+/-5.016 χ^2/NDF: 1558.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

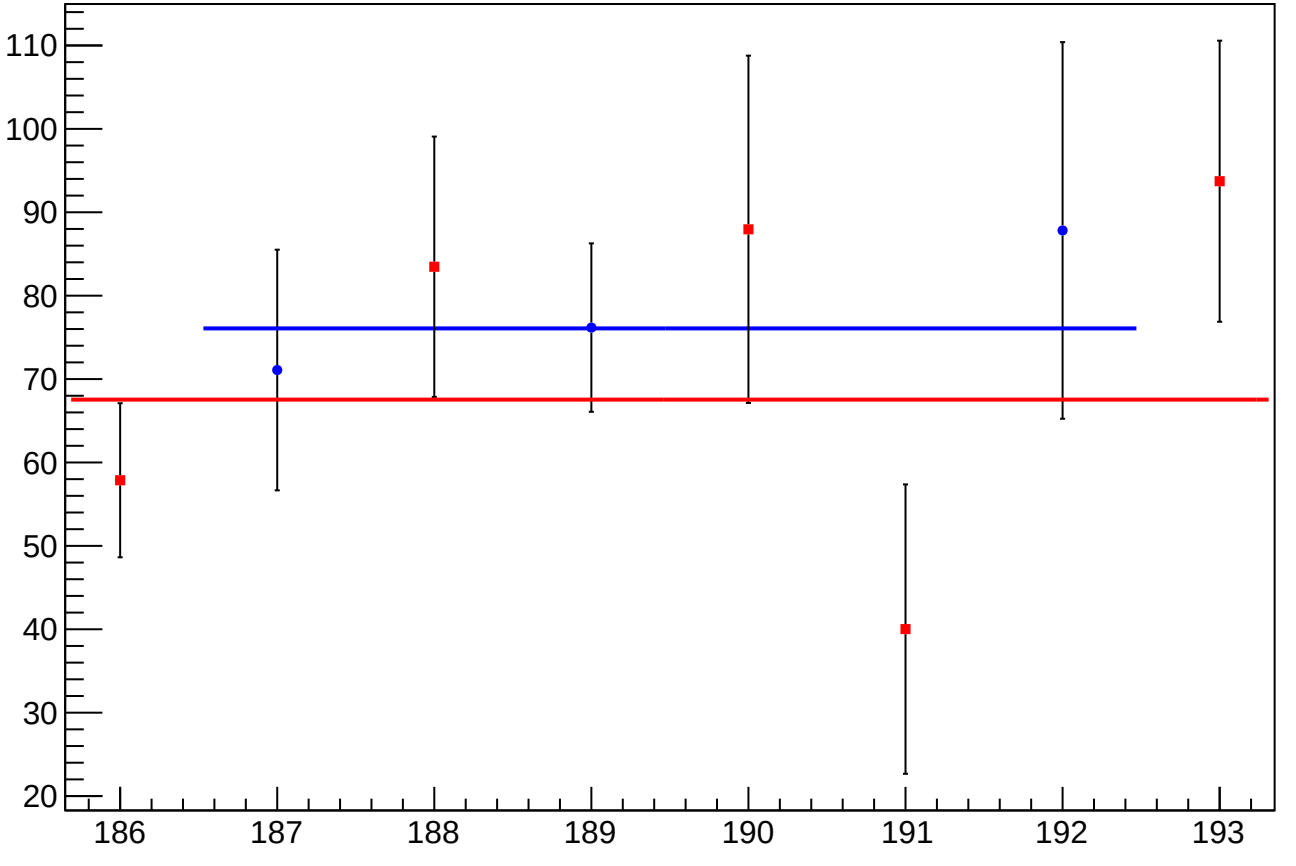
Right: -523.628+/-3.874 χ^2/NDF: 1933.7/7

In: -553.136+/-6.098 χ^2/NDF:335.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -523.628+/-3.874 χ^2/NDF: 1933.7/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 76.077+/-7.768 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 67.536+/-6.328 χ^2/NDF: 8.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

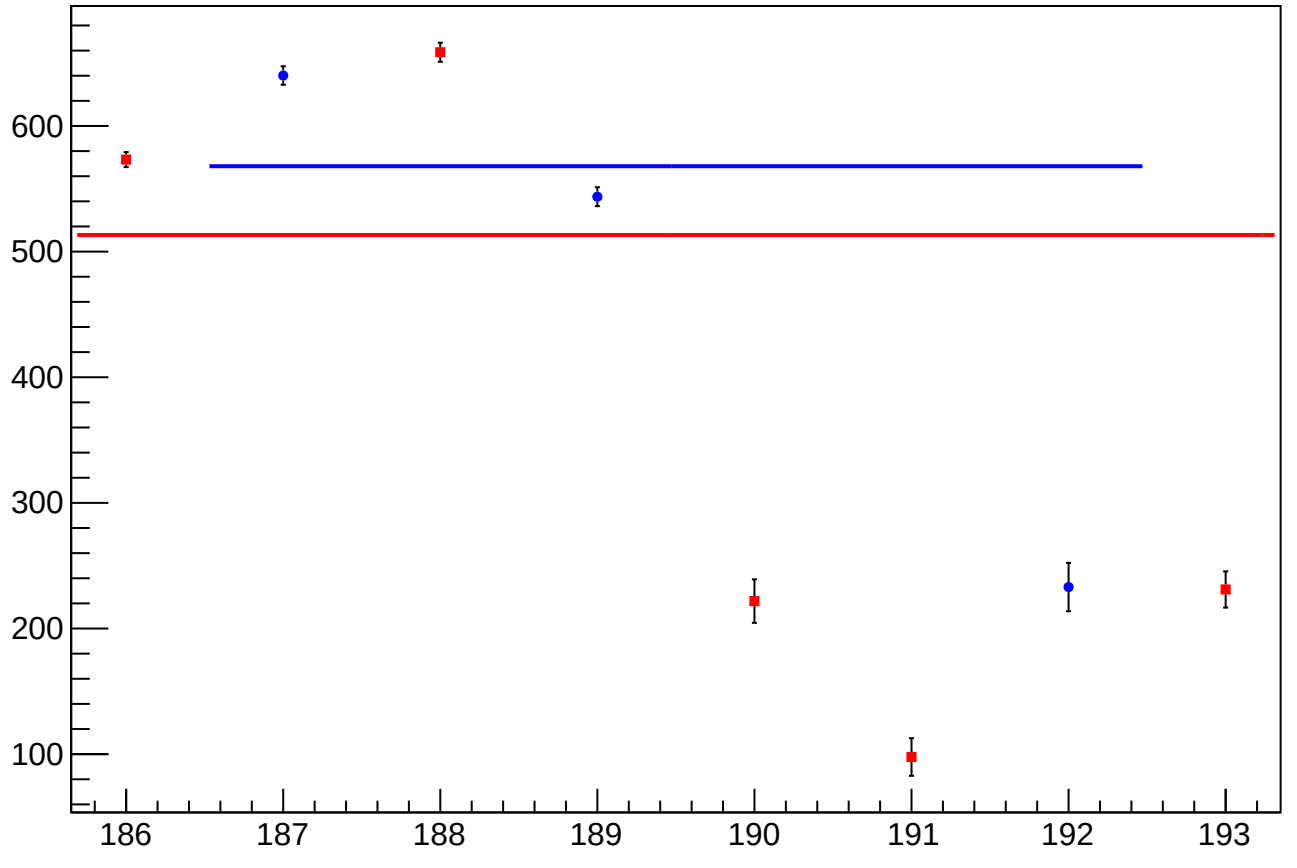
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 70.943+/-4.906 χ^2/NDF: 9.1/7

In: 76.077+/-7.768 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 70.943+/-4.906 χ^2/NDF: 9.1/7



Right In: 567.960+/-5.077 χ^2/NDF: 409.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 513.223+/-4.161 χ^2/NDF: 1900.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

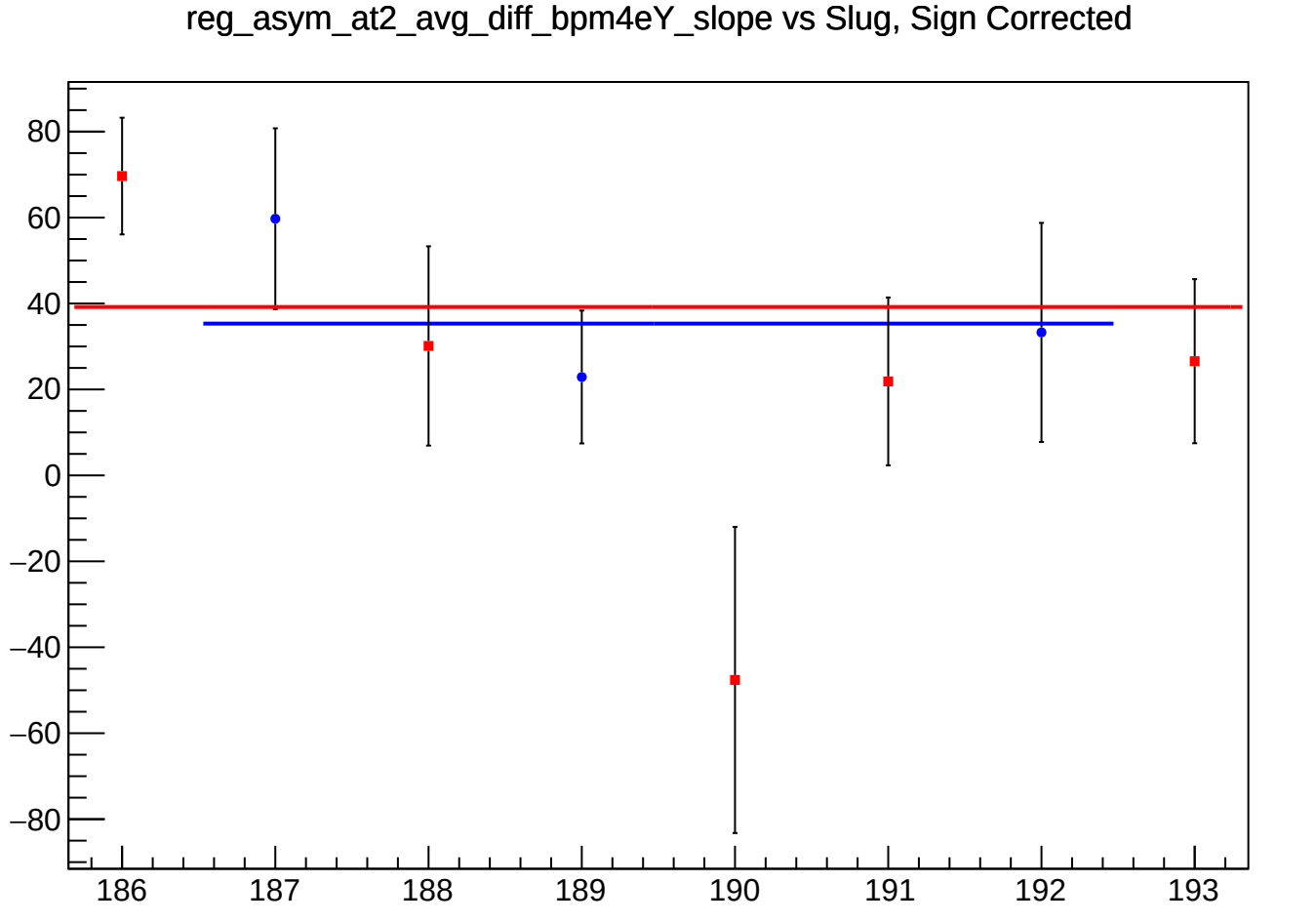
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

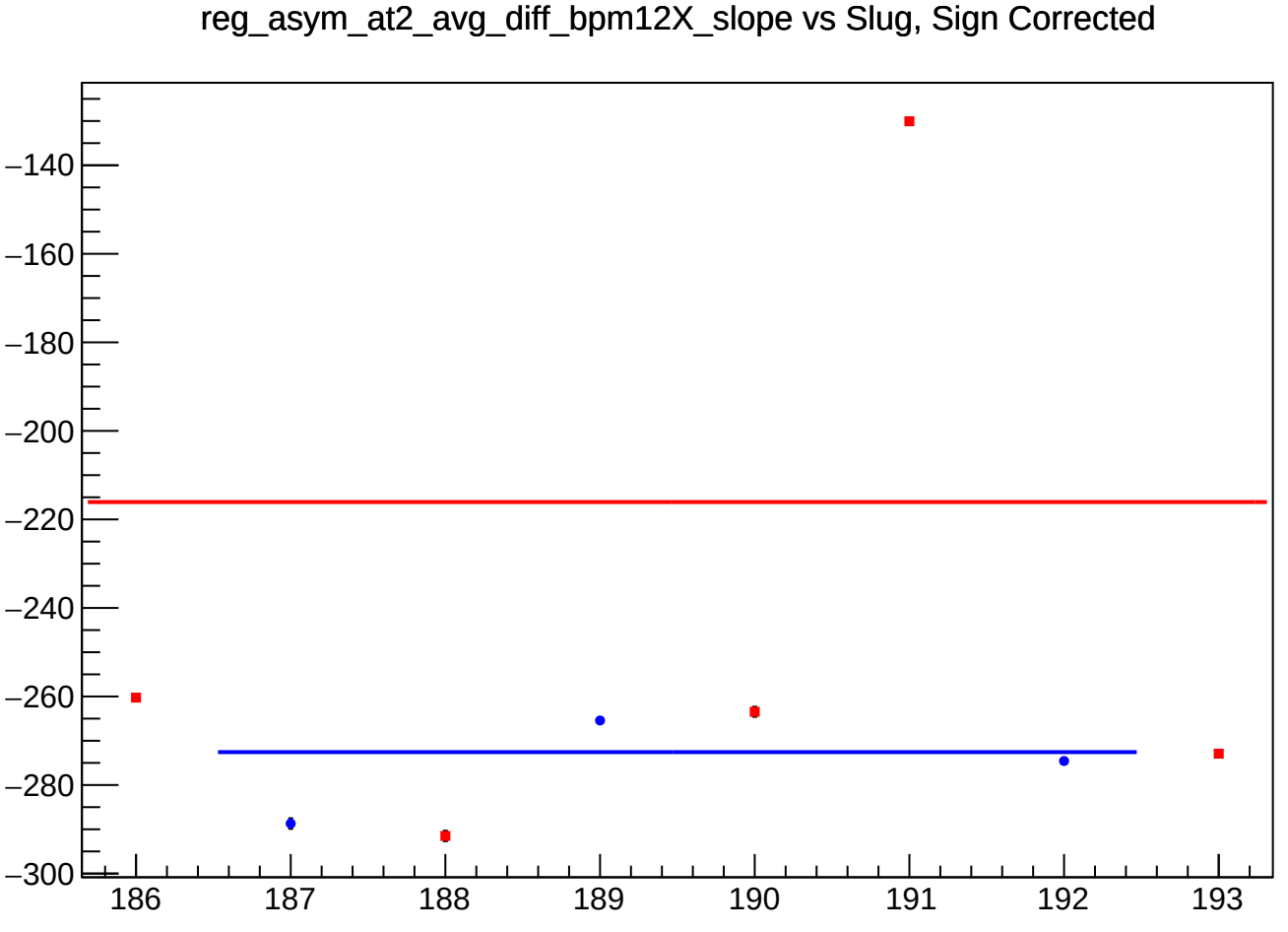
Right: 535.216+/-3.218 χ^2/NDF: 2378.8/7

In: 567.960+/-5.077 χ^2/NDF:409.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 535.216+/-3.218 χ^2/NDF: 2378.8/7


reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
80
60
40
20
0
−20
−40
−60
−80
186
187
188
189
190
191
192
193
Right In: 35.319+/-11.192 χ²/NDF: 2.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 39.186+/-8.627 χ²/NDF: 12.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 37.745+/-6.833 χ²/NDF: 14.4/7
In: 35.319+/-11.192 χ²/NDF:2.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 37.745+/-6.833 χ²/NDF: 14.4/7



Right In: -272.568+/-0.483 χ^2/NDF: 293.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -216.075+/-0.335 χ^2/NDF: 42965.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

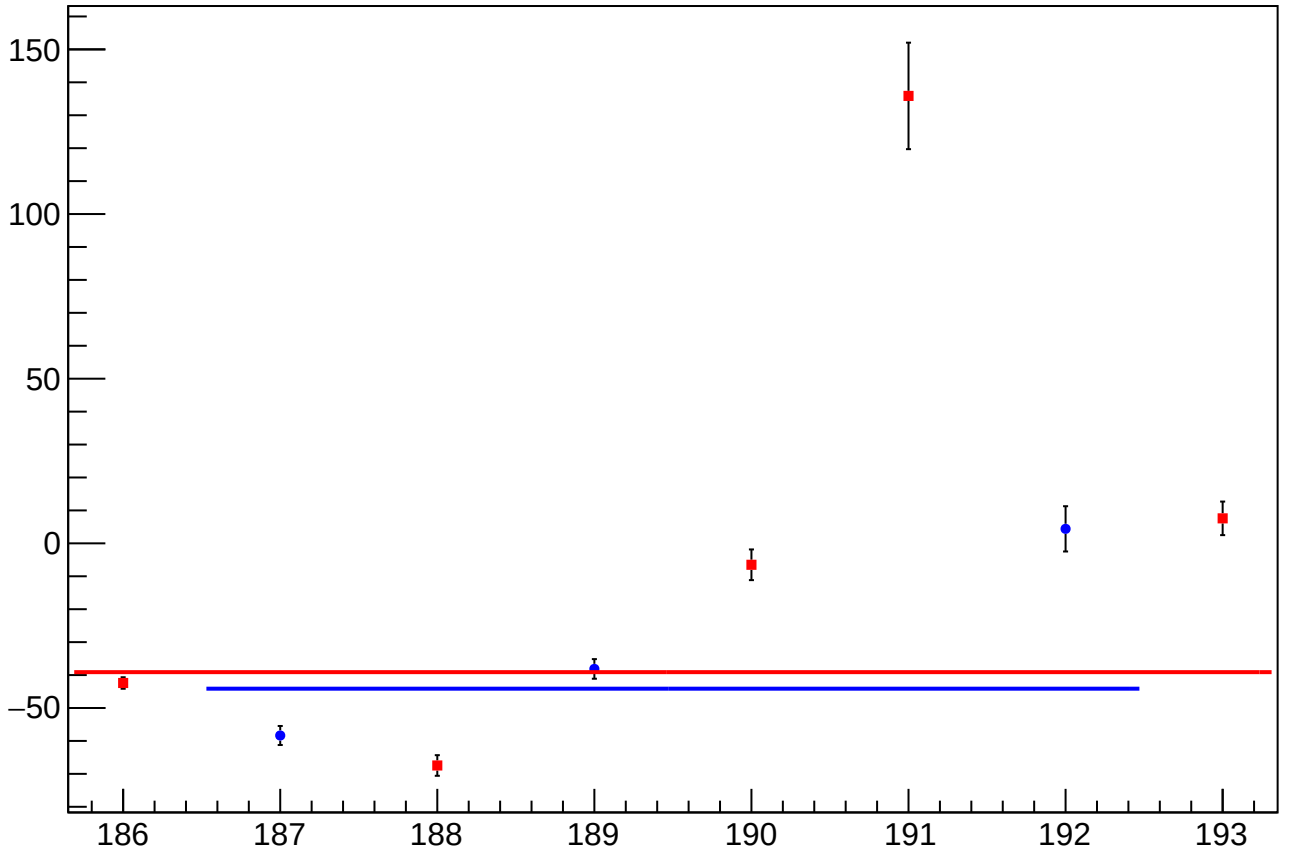
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -234.412+/-0.275 χ^2/NDF: 52481.6/7

In: -272.568+/-0.483 χ^2/NDF:293.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -234.412+/-0.275 χ^2/NDF: 52481.6/7



Right In: -44.135+/-1.986 χ^2/NDF: 78.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.112+/-1.389 χ^2/NDF: 335.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

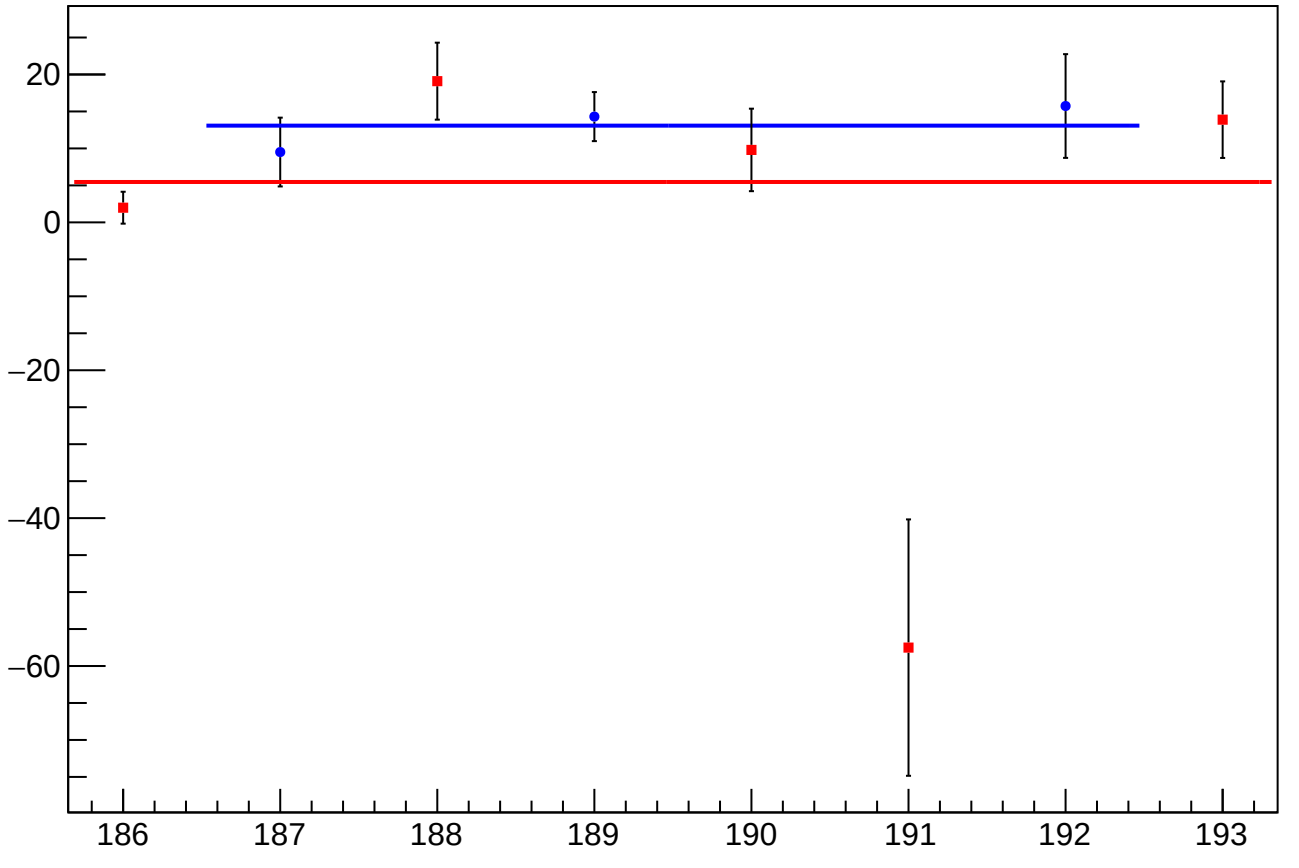
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -40.763+/-1.138 χ^2/NDF: 417.9/7

In: -44.135+/-1.986 χ^2/NDF:78.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -40.763+/-1.138 χ^2/NDF: 417.9/7



Right In: 13.082+/-2.521 χ^2/NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.462+/-1.755 χ^2/NDF: 25.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

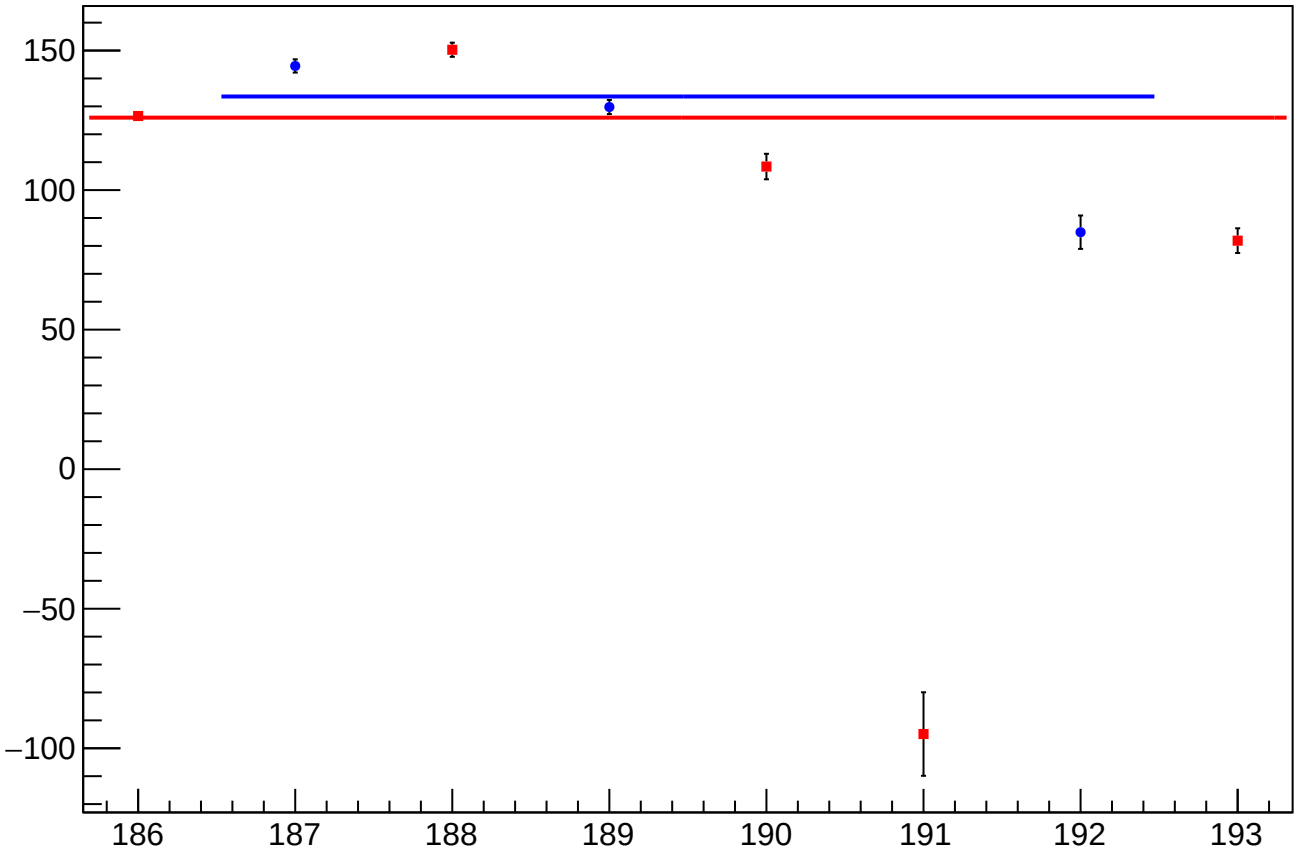
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.950+/-1.440 χ^2/NDF: 32.9/7

In: 13.082+/-2.521 χ^2/NDF:0.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.950+/-1.440 χ^2/NDF: 32.9/7



Right In: 133.533+/-1.665 χ^2/NDF: 89.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 125.961+/-1.141 χ^2/NDF: 423.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

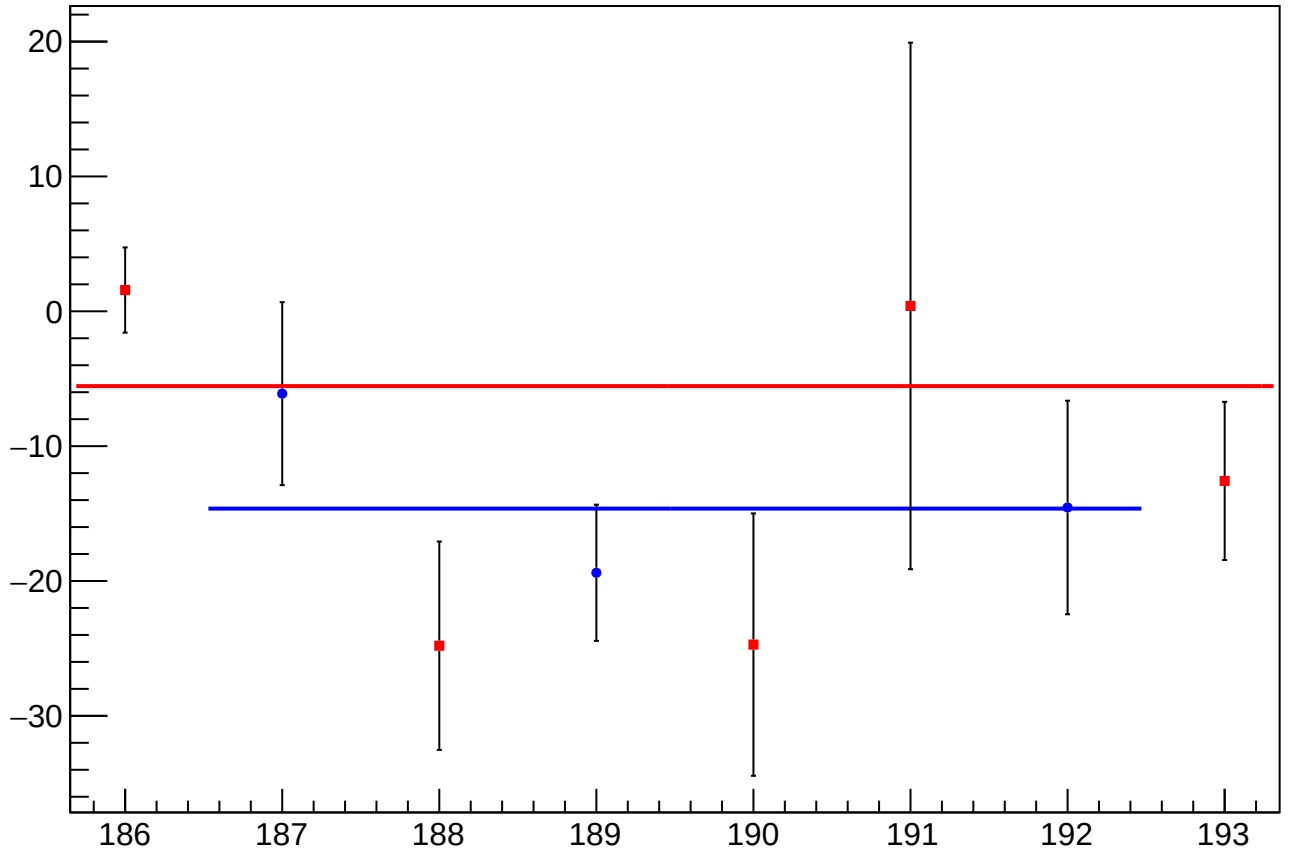
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 128.381+/-0.941 χ^2/NDF: 527.1/7

In: 133.533+/-1.665 χ^2/NDF:89.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 128.381+/-0.941 χ^2/NDF: 527.1/7



Right In: -14.632+/-3.606 χ^2/NDF: 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.548+/-2.507 χ^2/NDF: 16.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

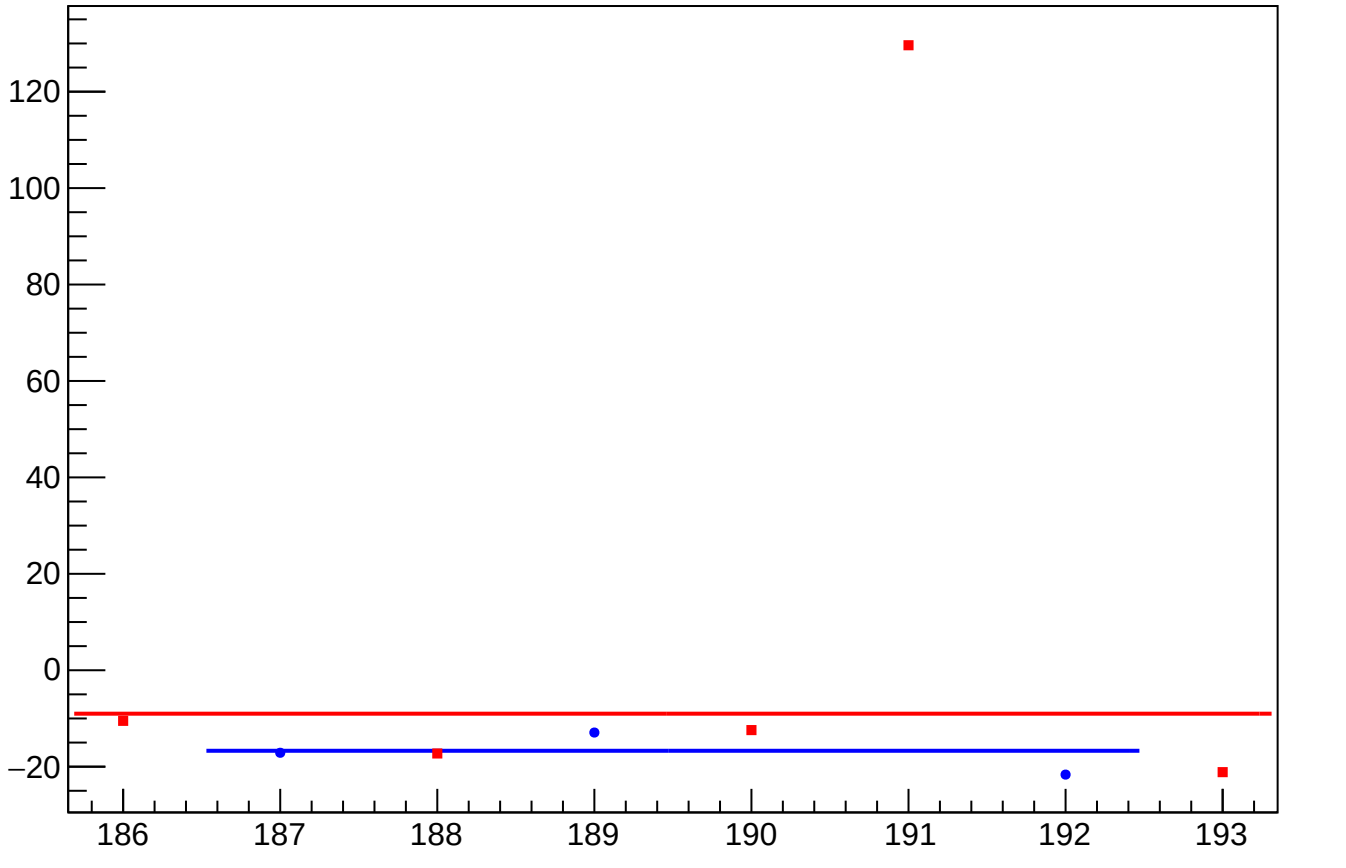
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

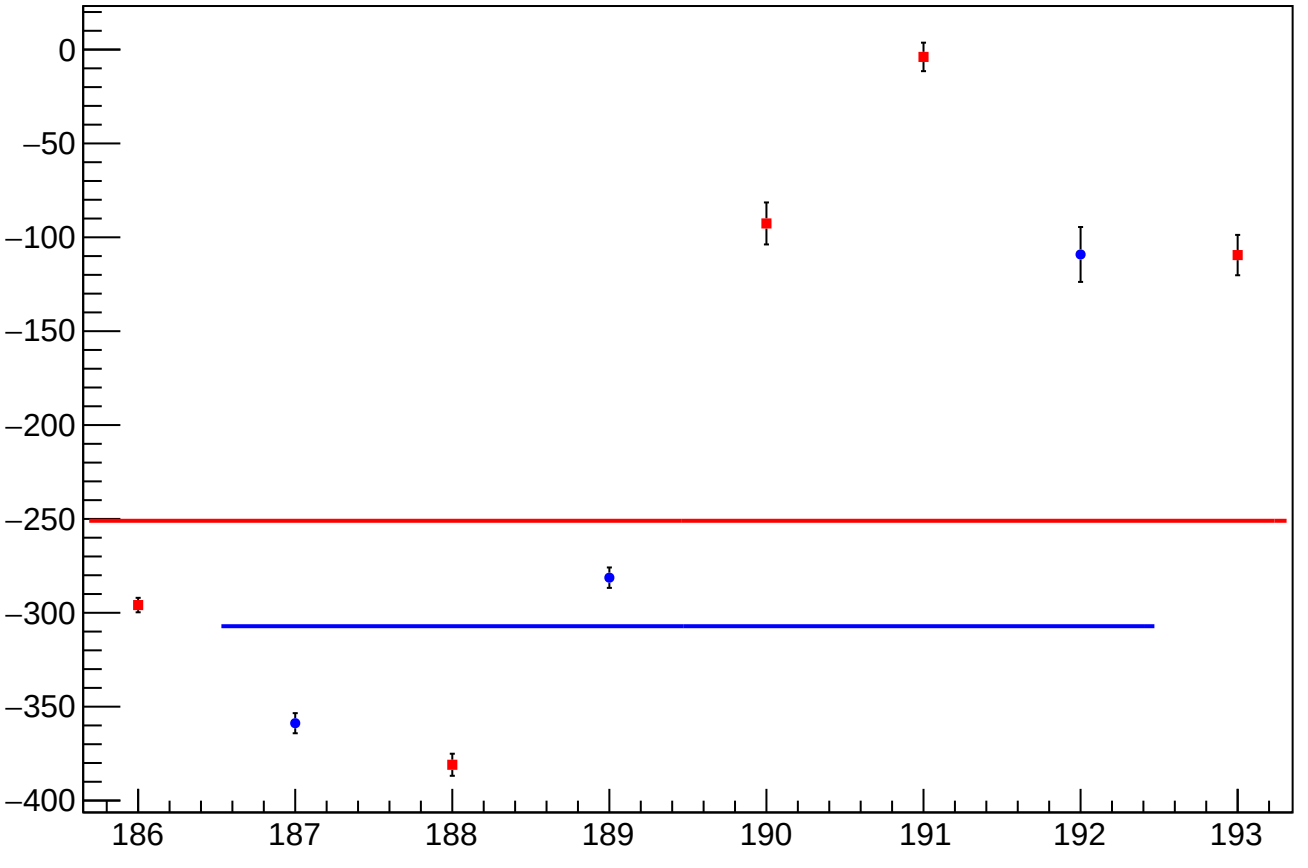
Right: -8.507+/-2.058 χ^2/NDF: 23.4/7

In: -14.632+/-3.606 χ^2/NDF:2.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.507+/-2.058 χ^2/NDF: 23.4/7


reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected
120
100
80
60
40
20
0
−20
186
187
188
189
190
191
192
193
Right In: -16.702+/-0.150 χ²/NDF: 702.0/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -9.009+/-0.119 χ²/NDF: 72224.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -11.988+/-0.093 χ²/NDF: 74540.5/7
In: -16.702+/-0.150 χ²/NDF:702.0/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -11.988+/-0.093 χ²/NDF: 74540.5/7



Right In: -307.147+/-3.692 χ^2/NDF: 299.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -250.986+/-2.771 χ^2/NDF: 2058.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

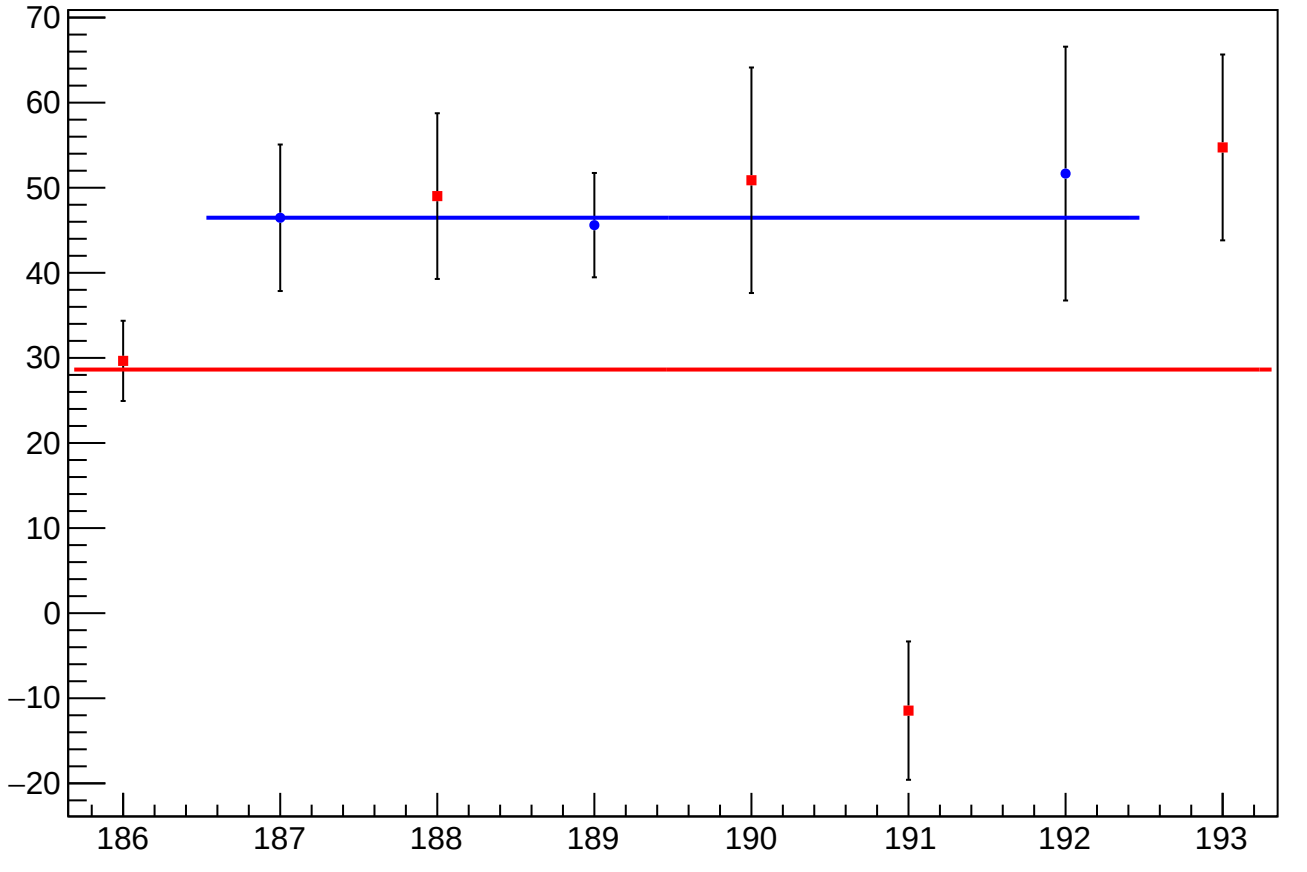
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -271.220+/-2.216 χ^2/NDF: 2506.0/7

In: -307.147+/-3.692 χ^2/NDF:299.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -271.220+/-2.216 χ^2/NDF: 2506.0/7



Right In: 46.476+/-4.736 χ^2/NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 28.631+/-3.435 χ^2/NDF: 37.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

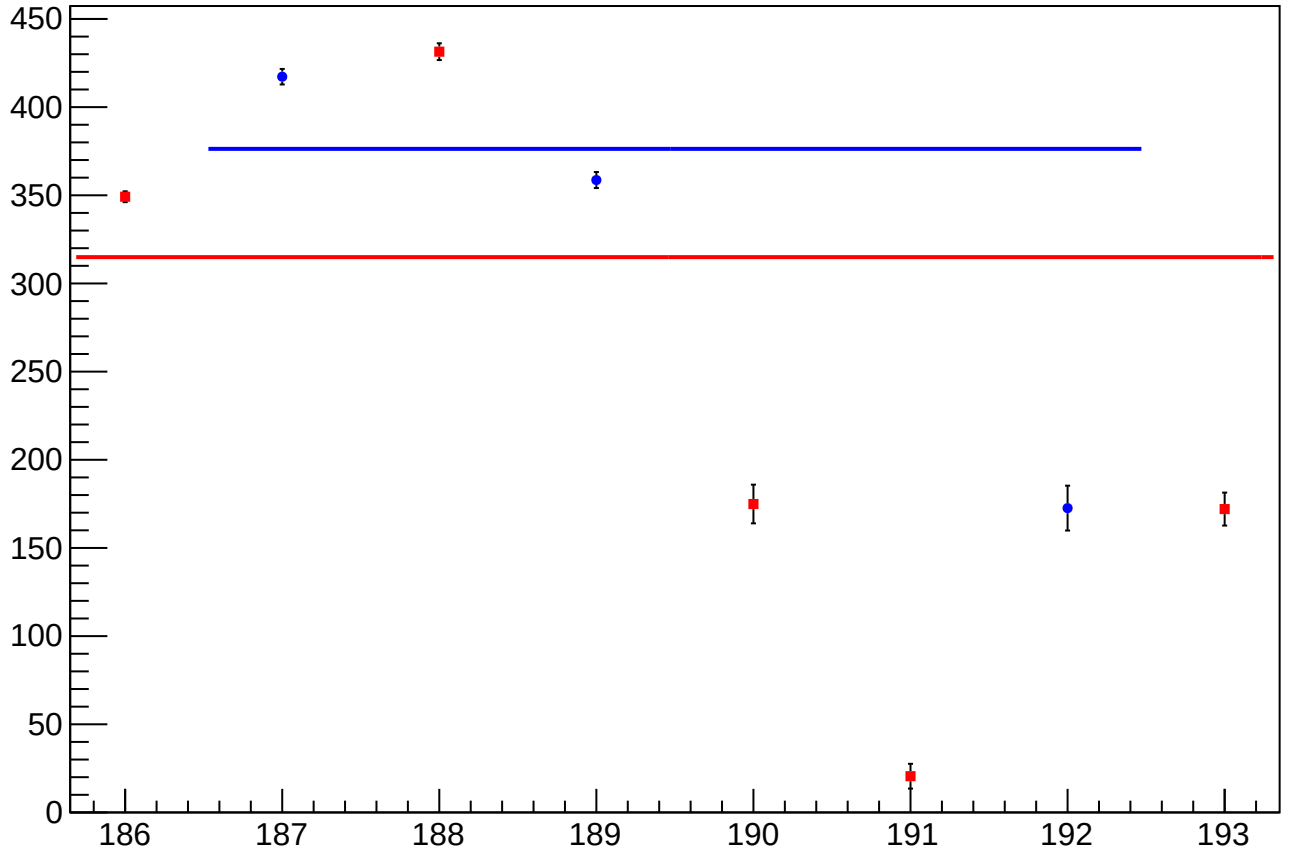
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 34.782+/-2.780 χ^2/NDF: 46.7/7

In: 46.476+/-4.736 χ^2/NDF:0.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 34.782+/-2.780 χ^2/NDF: 46.7/7



Right In: 376.329+/-3.067 χ^2/NDF: 358.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 314.927+/-2.294 χ^2/NDF: 2876.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

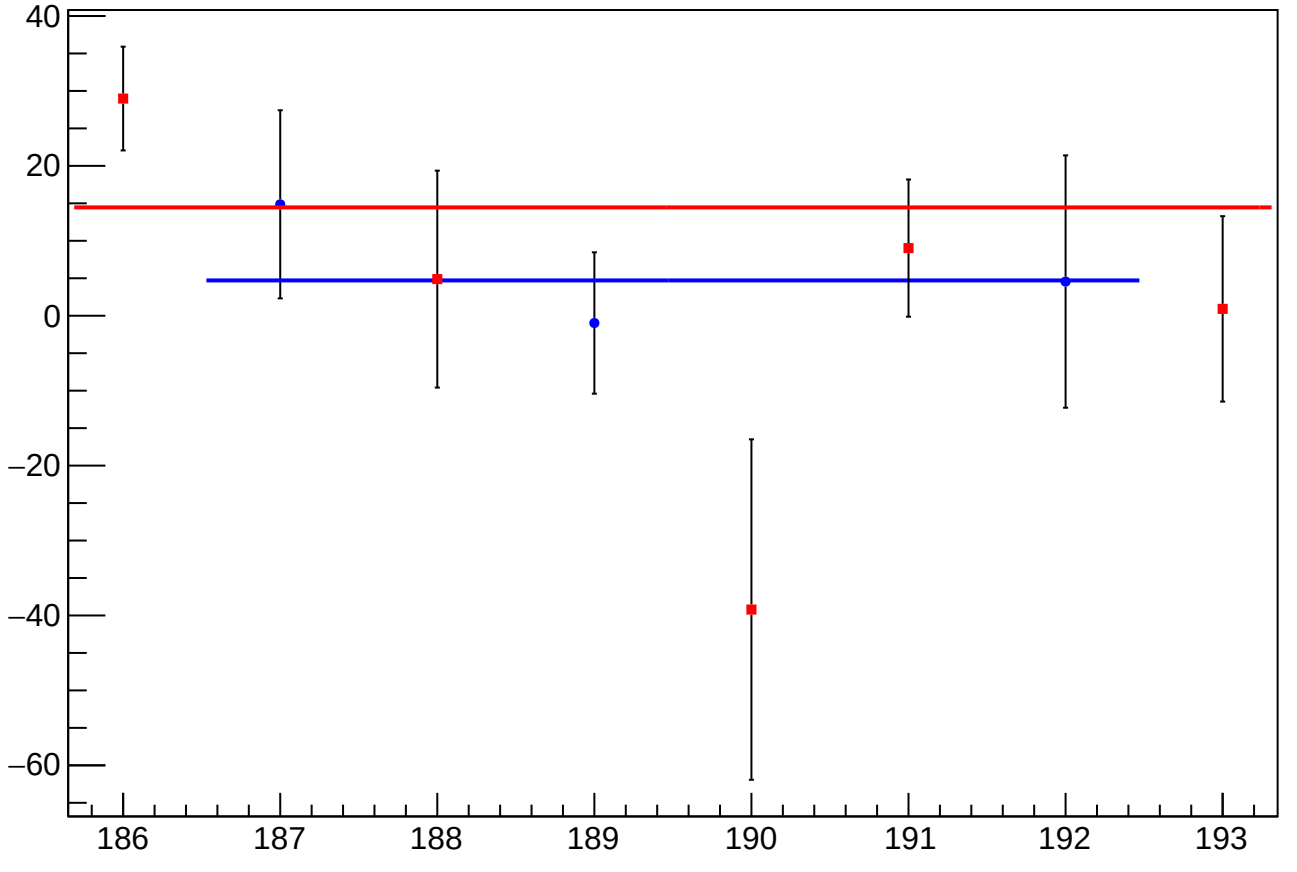
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 336.959+/-1.837 χ^2/NDF: 3491.8/7

In: 376.329+/-3.067 χ^2/NDF:358.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 336.959+/-1.837 χ^2/NDF: 3491.8/7



Right In: 4.712+/-6.882 χ^2/NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.458+/-4.661 χ^2/NDF: 12.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

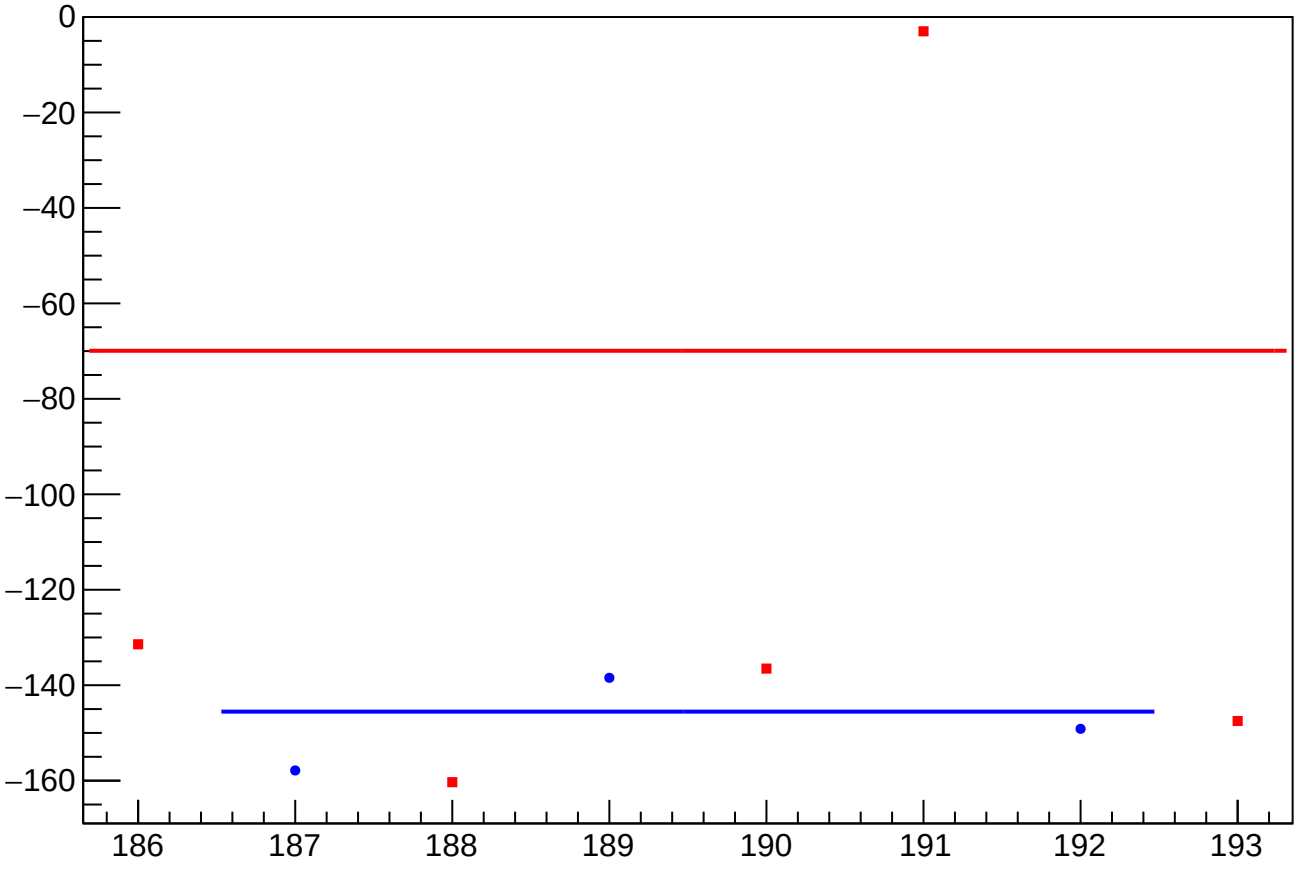
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.393+/-3.859 χ^2/NDF: 14.4/7

In: 4.712+/-6.882 χ^2/NDF:1.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.393+/-3.859 χ^2/NDF: 14.4/7



Right In: -145.535+/-0.305 χ^2/NDF: 607.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -69.927+/-0.181 χ^2/NDF: 150838.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

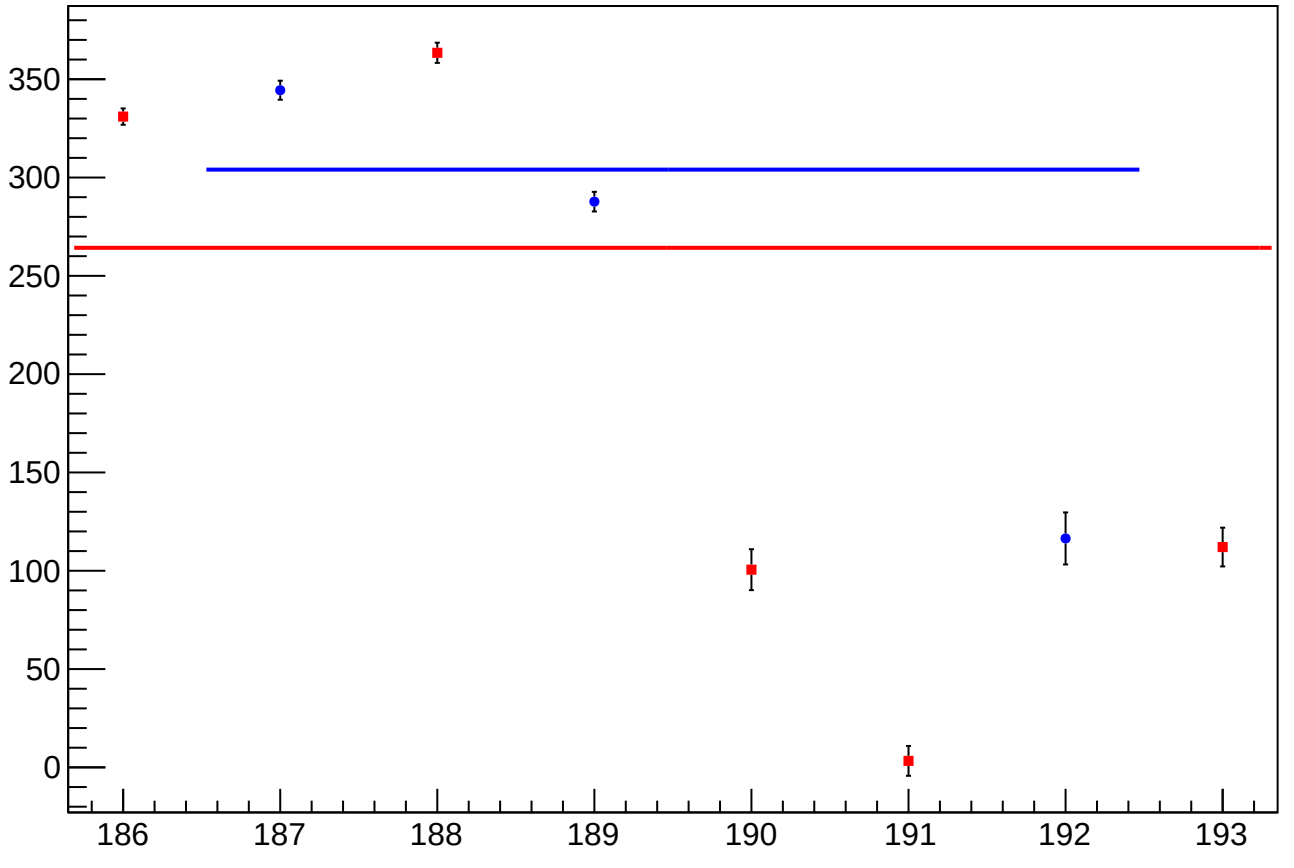
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -89.635+/-0.156 χ^2/NDF: 196836.0/7

In: -145.535+/-0.305 χ^2/NDF:607.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -89.635+/-0.156 χ^2/NDF: 196836.0/7



Right In: 304.026+/-3.362 χ^2/NDF: 281.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 264.266+/-2.747 χ^2/NDF: 2297.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

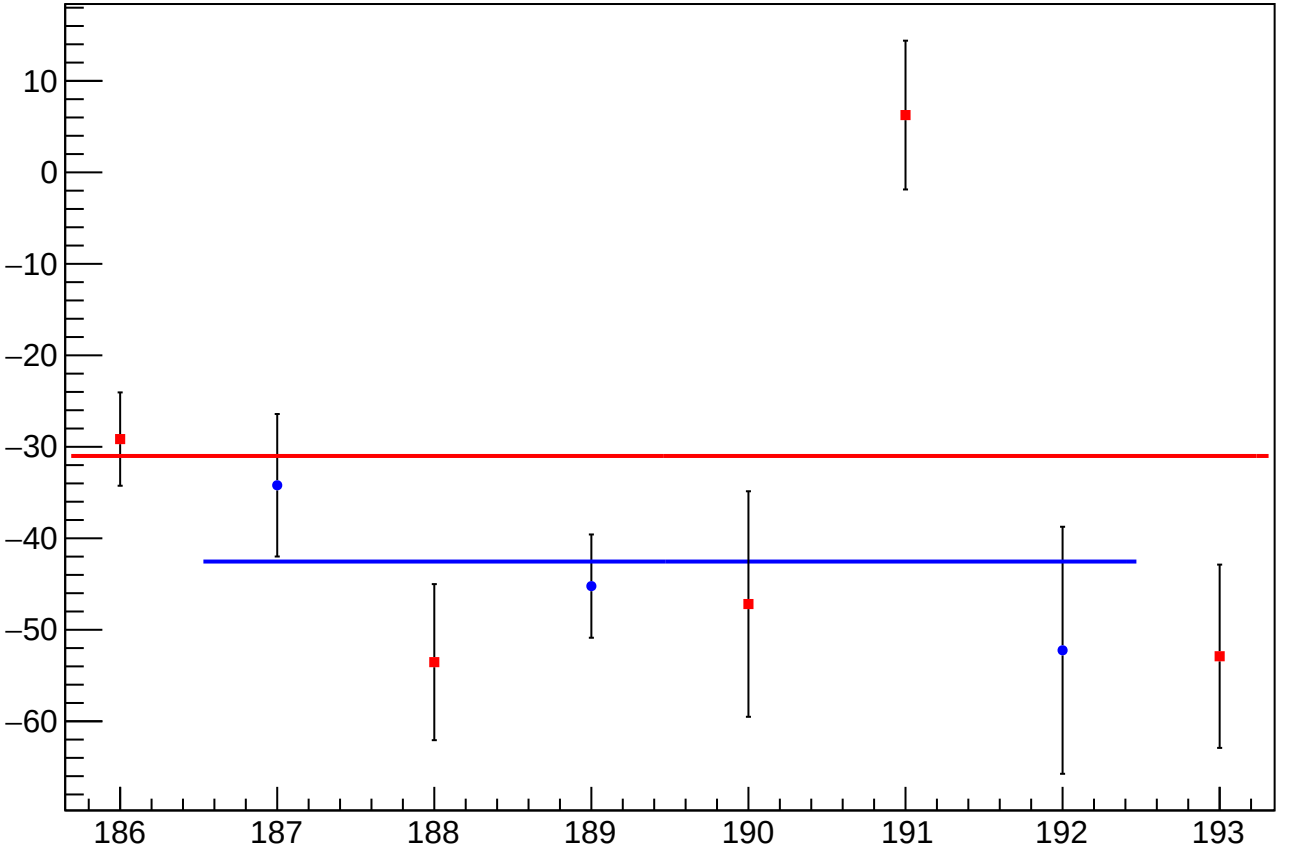
Right: 280.183+/-2.127 χ^2/NDF: 2662.2/7

In: 304.026+/-3.362 χ^2/NDF:281.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 280.183+/-2.127 χ^2/NDF: 2662.2/7

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.540+/-4.329 χ^2/NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.000+/-3.454 χ^2/NDF: 34.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

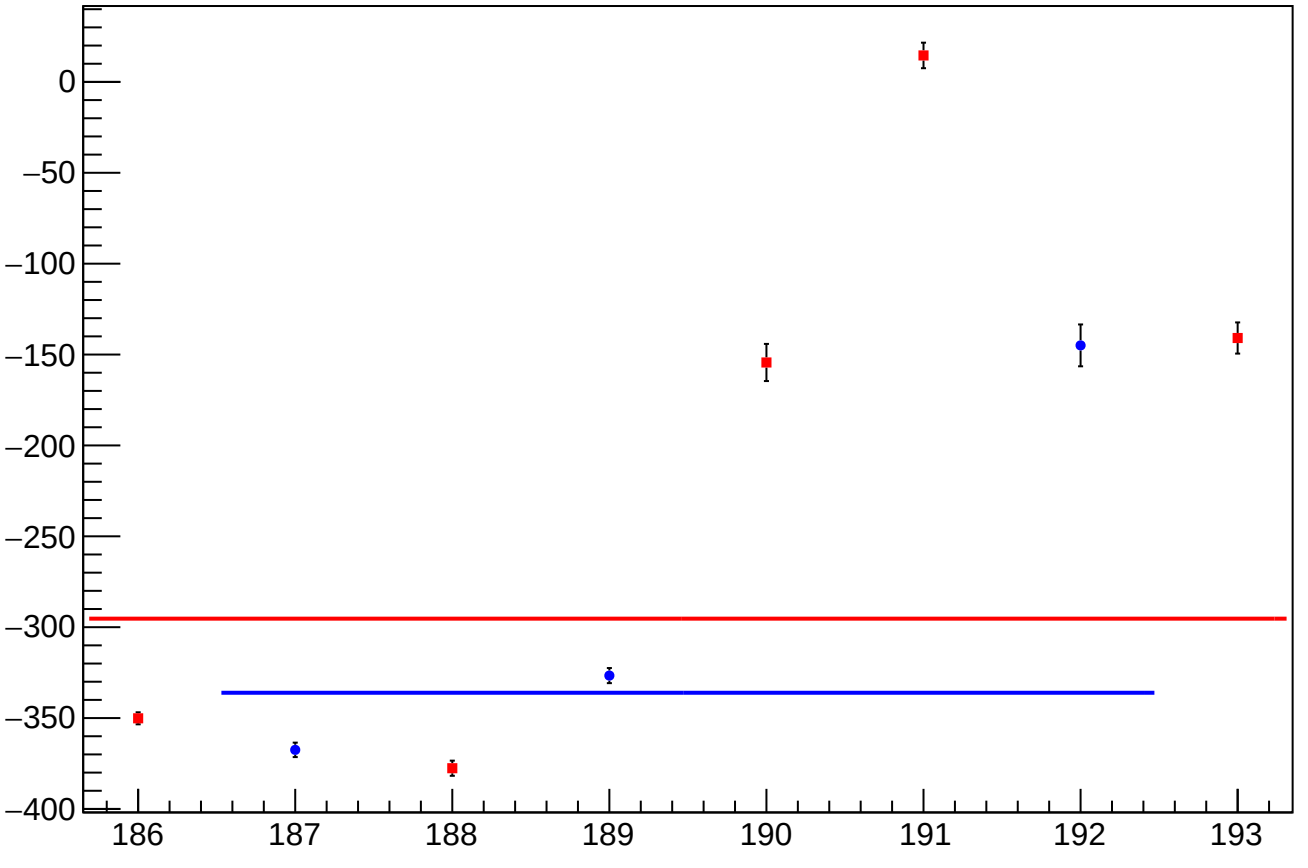
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -35.488+/-2.700 χ^2/NDF: 40.8/7

In: -42.540+/-4.329 χ^2/NDF:1.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -35.488+/-2.700 χ^2/NDF: 40.8/7



Right In: -336.072+/-2.787 χ^2/NDF: 343.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -295.303+/-2.282 χ^2/NDF: 3123.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

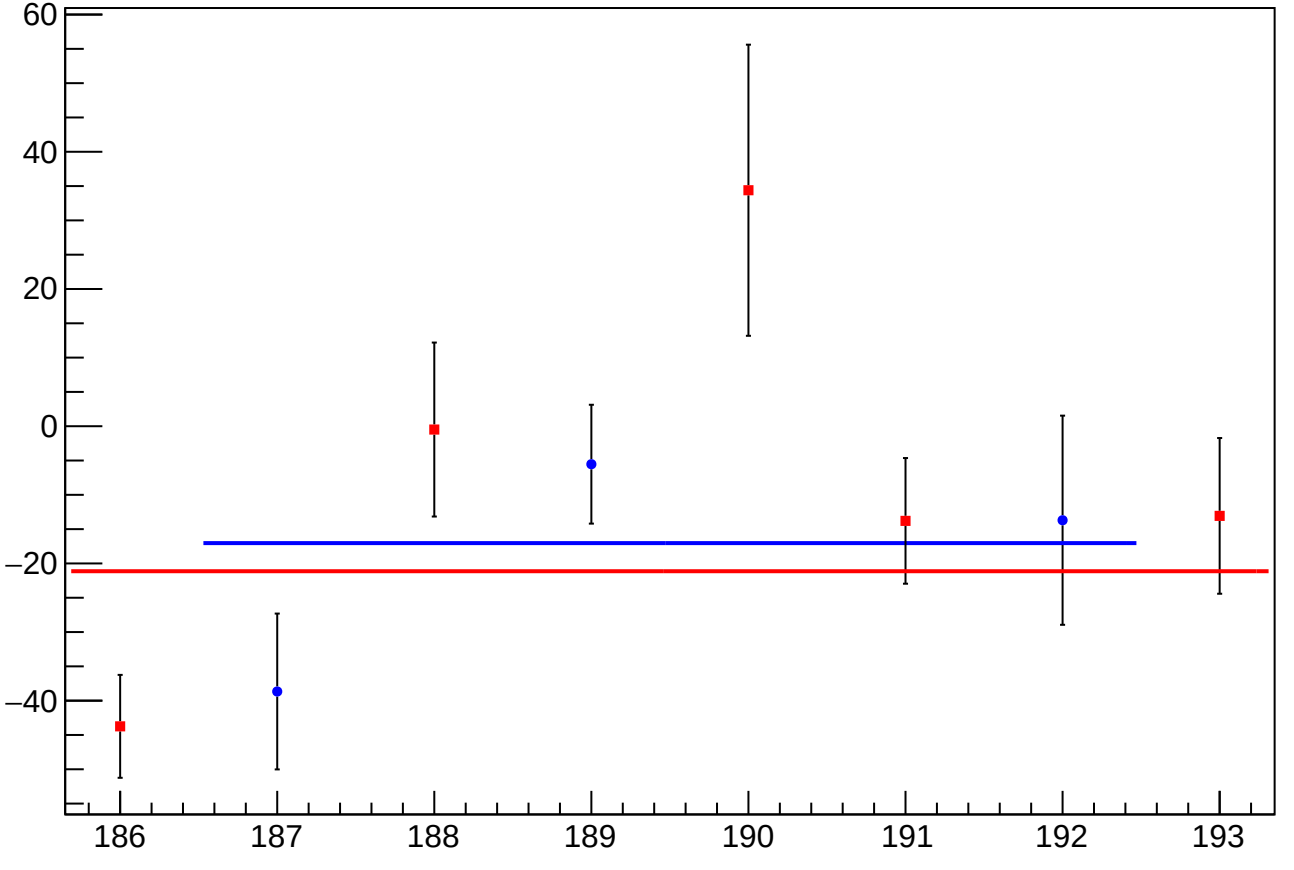
Right: -311.661+/-1.766 χ^2/NDF: 3594.6/7

In: -336.072+/-2.787 χ^2/NDF:343.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -311.661+/-1.766 χ^2/NDF: 3594.6/7

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.037+/-6.276 χ^2/NDF: 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.134+/-4.667 χ^2/NDF: 19.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

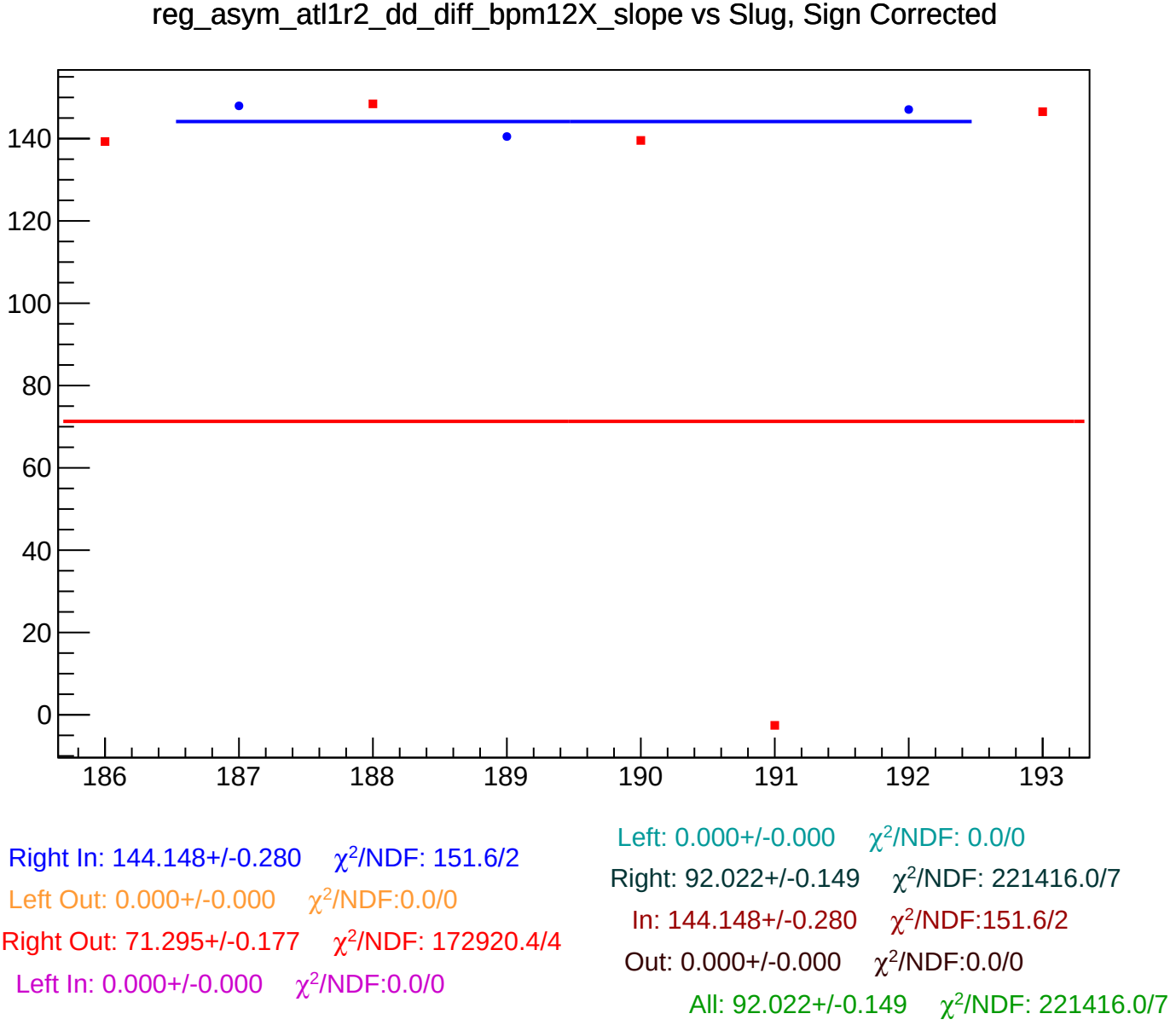
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

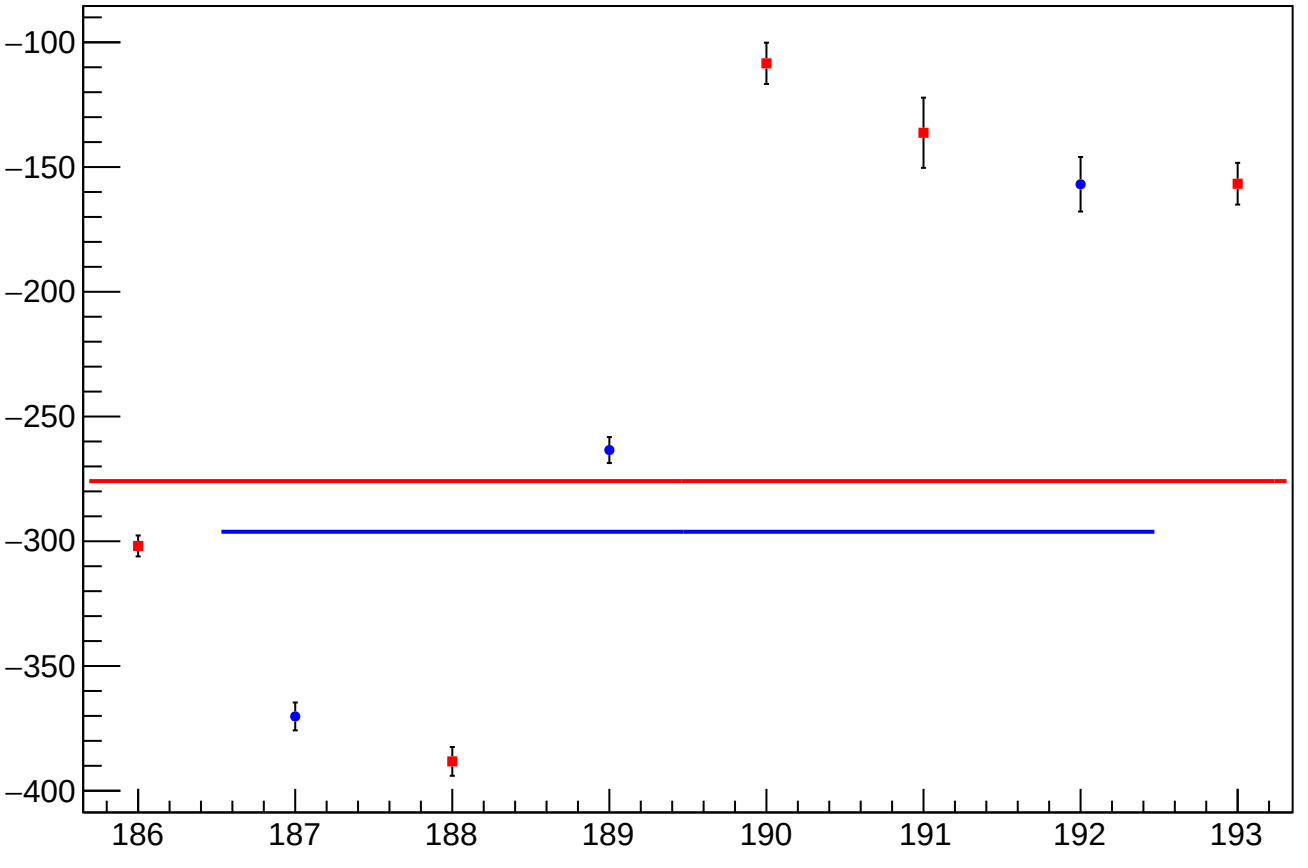
Right: -19.675+/-3.745 χ^2/NDF: 25.5/7

In: -17.037+/-6.276 χ^2/NDF:5.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.675+/-3.745 χ^2/NDF: 25.5/7


reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected
140
120
100
80
60
40
20
0
186
187
188
189
190
191
192
193
Right In: 144.148+/-0.280 χ²/NDF: 151.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 71.295+/-0.177 χ²/NDF: 172920.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 92.022+/-0.149 χ²/NDF: 221416.0/7
In: 144.148+/-0.280 χ²/NDF:151.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 92.022+/-0.149 χ²/NDF: 221416.0/7



Right In: -296.184+/-3.596 χ^2/NDF: 377.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -275.871+/-2.881 χ^2/NDF: 1126.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

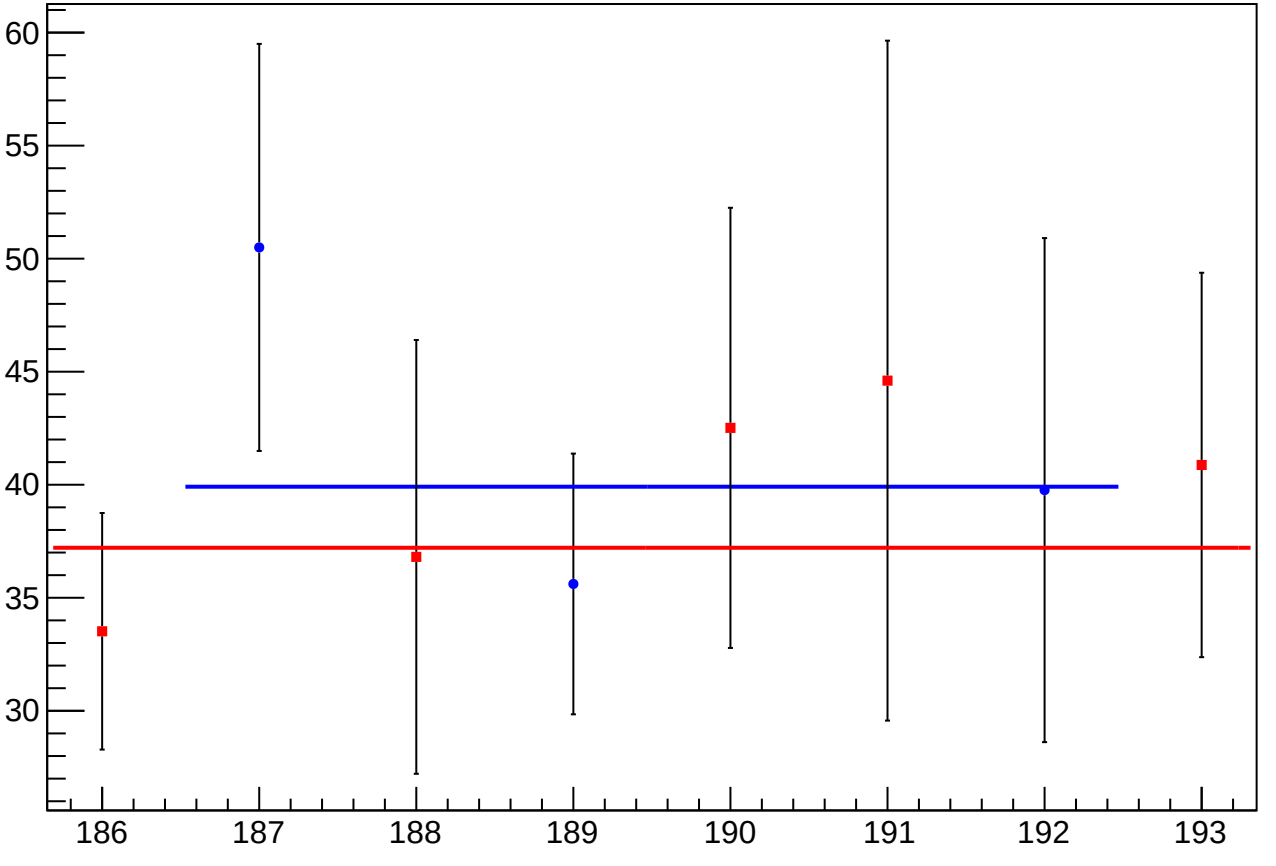
Right: -283.811+/-2.249 χ^2/NDF: 1523.4/7

In: -296.184+/-3.596 χ^2/NDF:377.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -283.811+/-2.249 χ^2/NDF: 1523.4/7

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.913+/-4.452 χ^2/NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 37.212+/-3.623 χ^2/NDF: 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

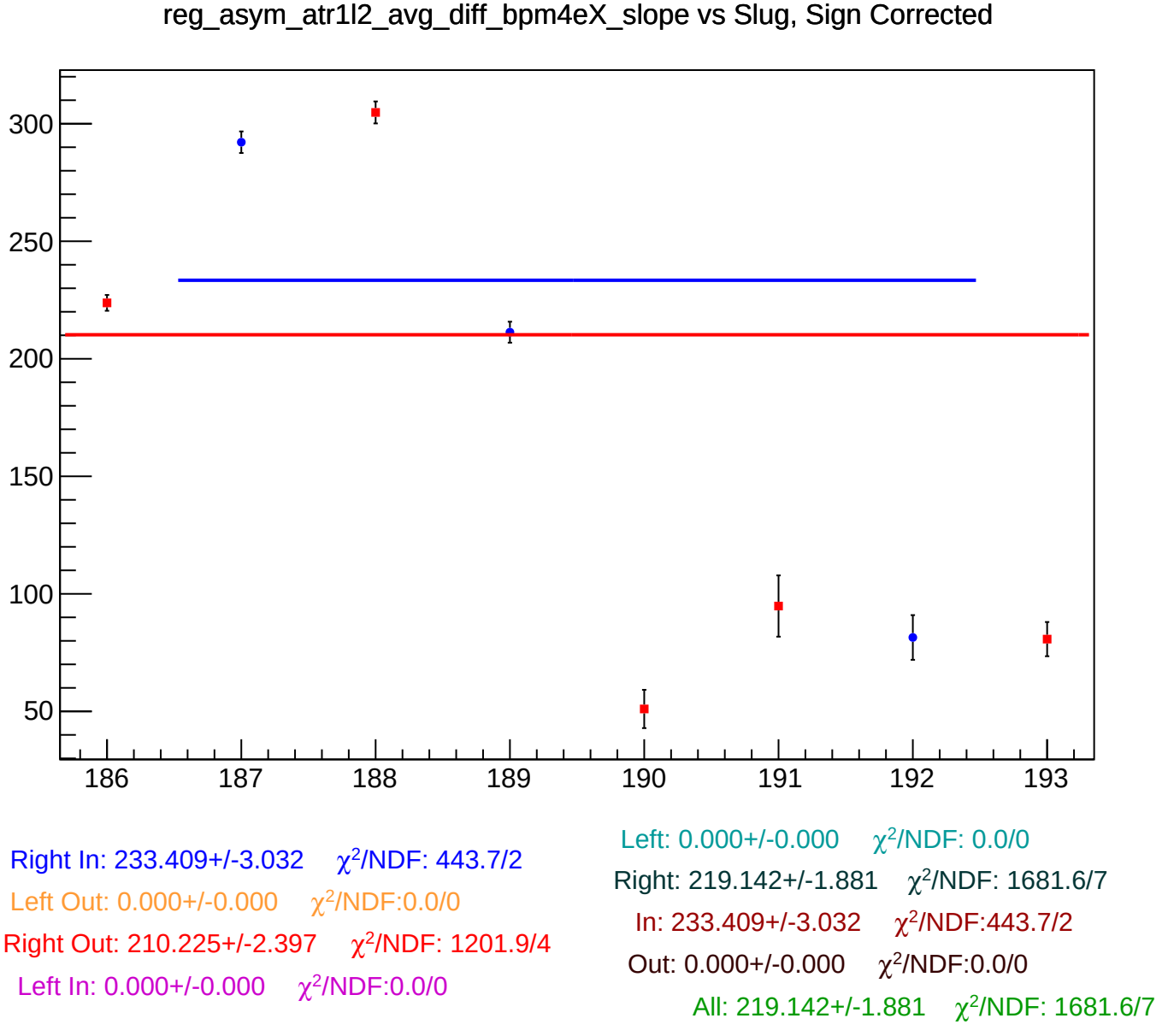
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 38.288+/-2.810 χ^2/NDF: 3.4/7

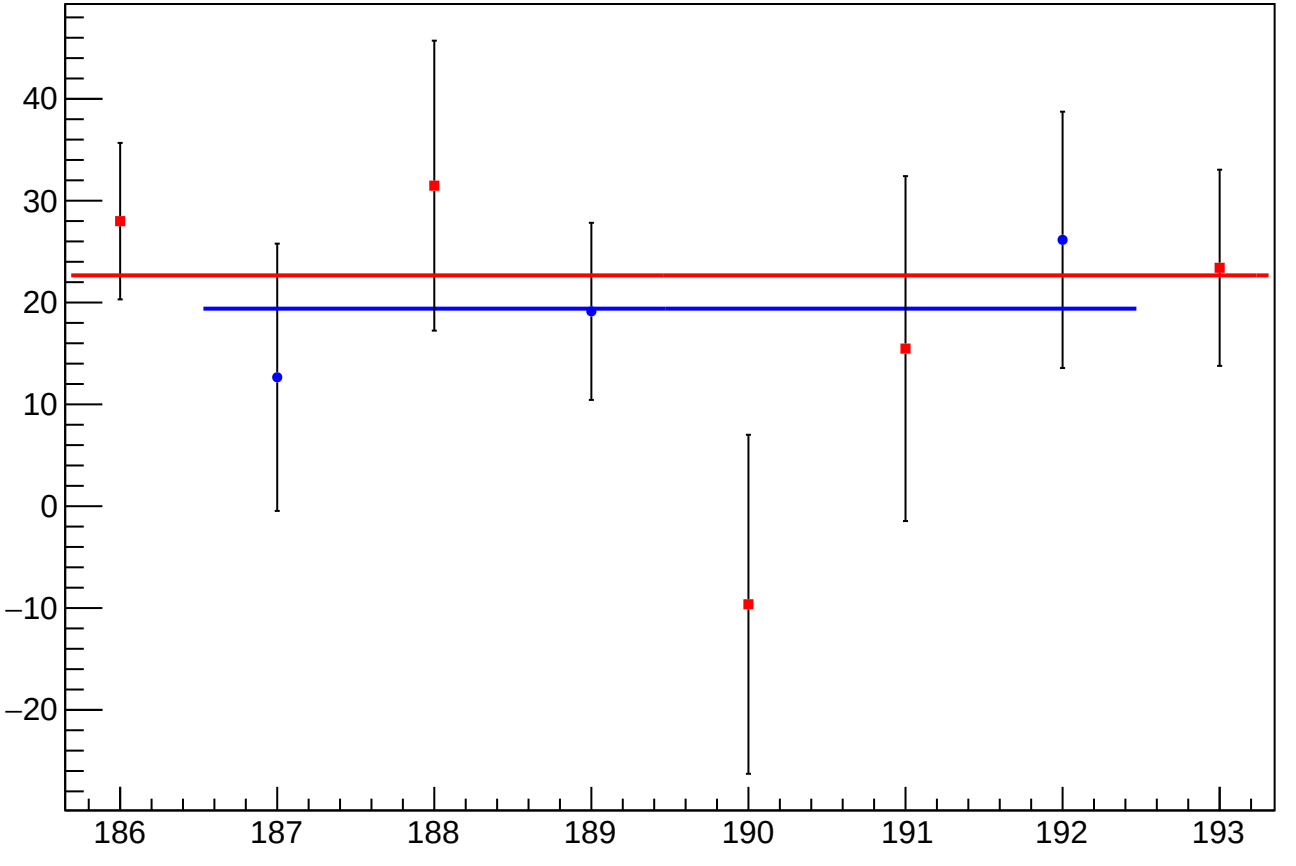
In: 39.913+/-4.452 χ^2/NDF:1.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 38.288+/-2.810 χ^2/NDF: 3.4/7


reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
300
250
200
150
100
50
186
187
188
189
190
191
192
193
Right In: 233.409+/-3.032 χ²/NDF: 443.7/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 210.225+/-2.397 χ²/NDF: 1201.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 219.142+/-1.881 χ²/NDF: 1681.6/7
In: 233.409+/-3.032 χ²/NDF:443.7/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 219.142+/-1.881 χ²/NDF: 1681.6/7

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.399+/-6.281 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.668+/-5.016 χ^2/NDF: 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

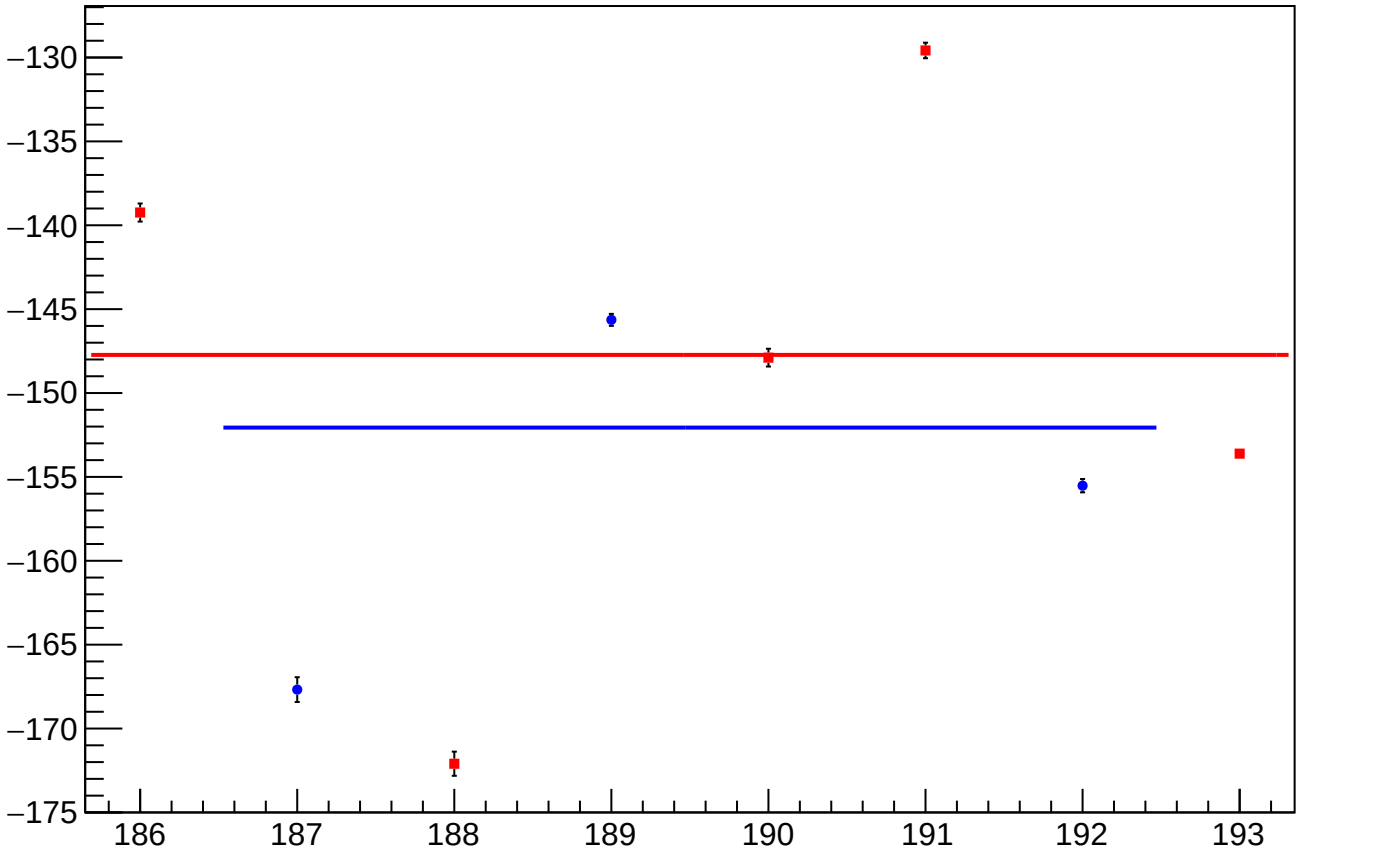
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

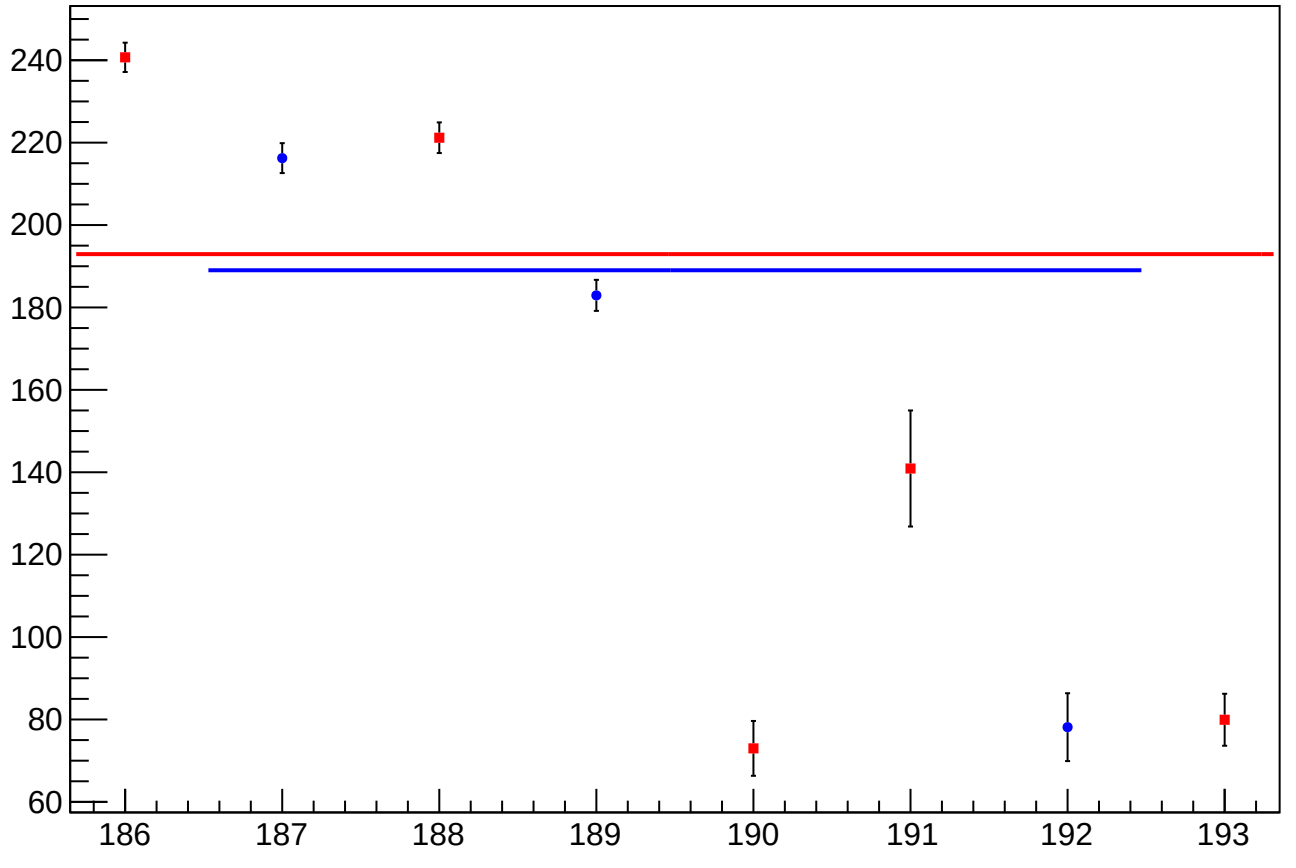
Right: 21.395+/-3.919 χ^2/NDF: 5.5/7

In: 19.399+/-6.281 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.395+/-3.919 χ^2/NDF: 5.5/7


reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−130
−135
−140
−145
−150
−155
−160
−165
−170
−175
186
187
188
189
190
191
192
193
Right In: -152.060+/-0.250 χ²/NDF: 847.3/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -147.728+/-0.201 χ²/NDF: 3310.1/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -149.431+/-0.157 χ²/NDF: 4340.2/7
In: -152.060+/-0.250 χ²/NDF:847.3/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -149.431+/-0.157 χ²/NDF: 4340.2/7



Right In: 189.026+/-2.491 χ^2/NDF: 240.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 192.940+/-2.214 χ^2/NDF: 897.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

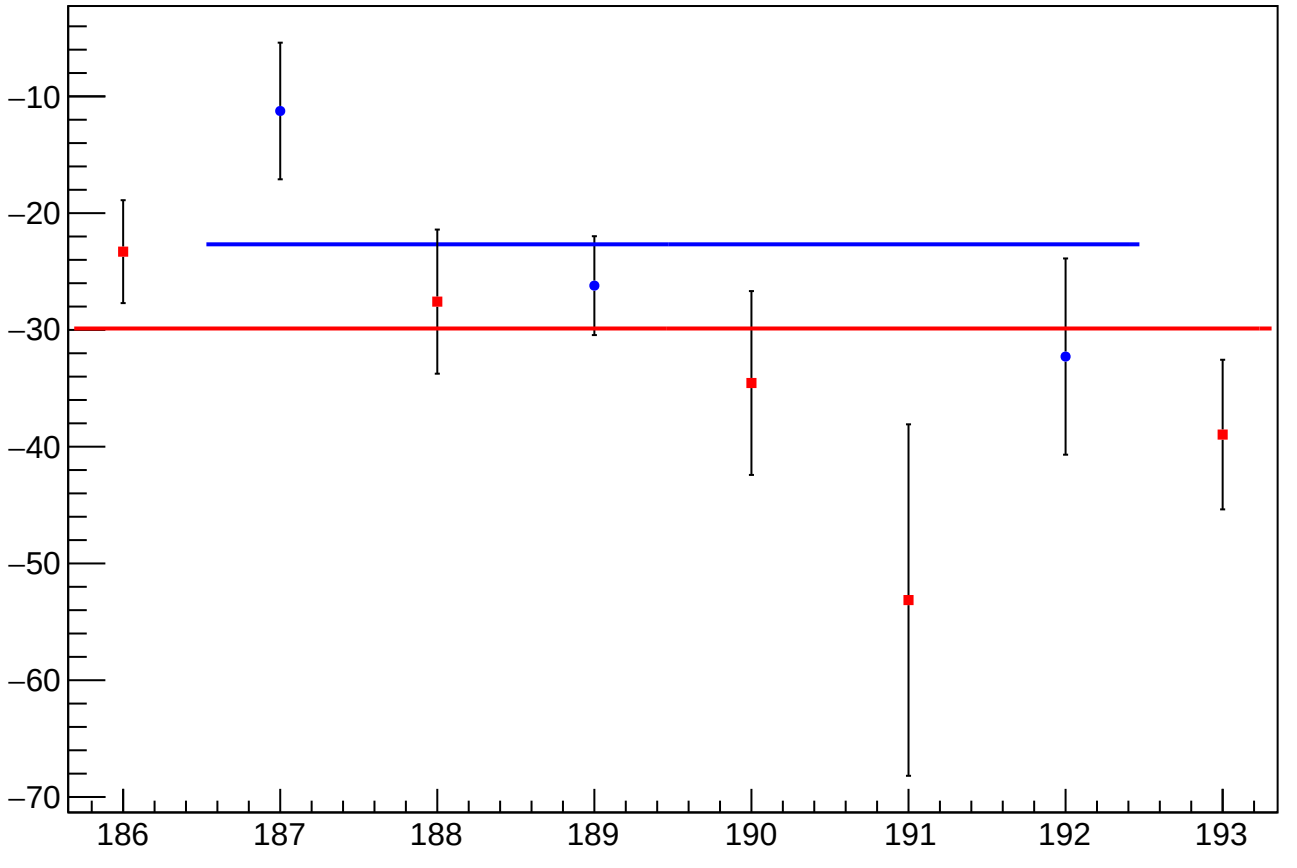
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 191.213+/-1.655 χ^2/NDF: 1138.9/7

In: 189.026+/-2.491 χ^2/NDF:240.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 191.213+/-1.655 χ^2/NDF: 1138.9/7



Right In: -22.670+/-3.175 χ^2/NDF: 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -29.878+/-2.855 χ^2/NDF: 7.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

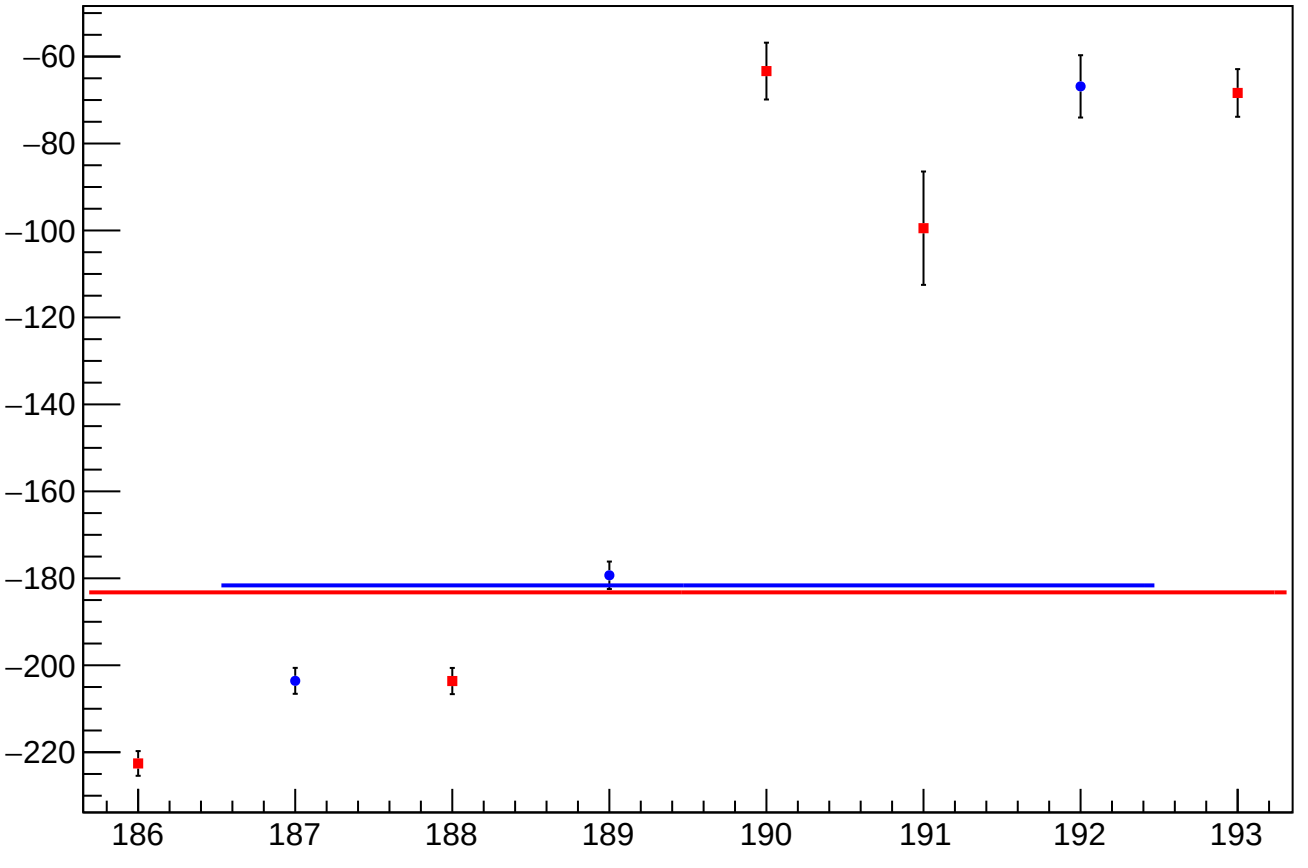
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -26.656+/-2.123 χ^2/NDF: 15.8/7

In: -22.670+/-3.175 χ^2/NDF:5.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.656+/-2.123 χ^2/NDF: 15.8/7



Right In: -181.629+/-2.076 χ^2/NDF: 311.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -183.232+/-1.836 χ^2/NDF: 1054.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

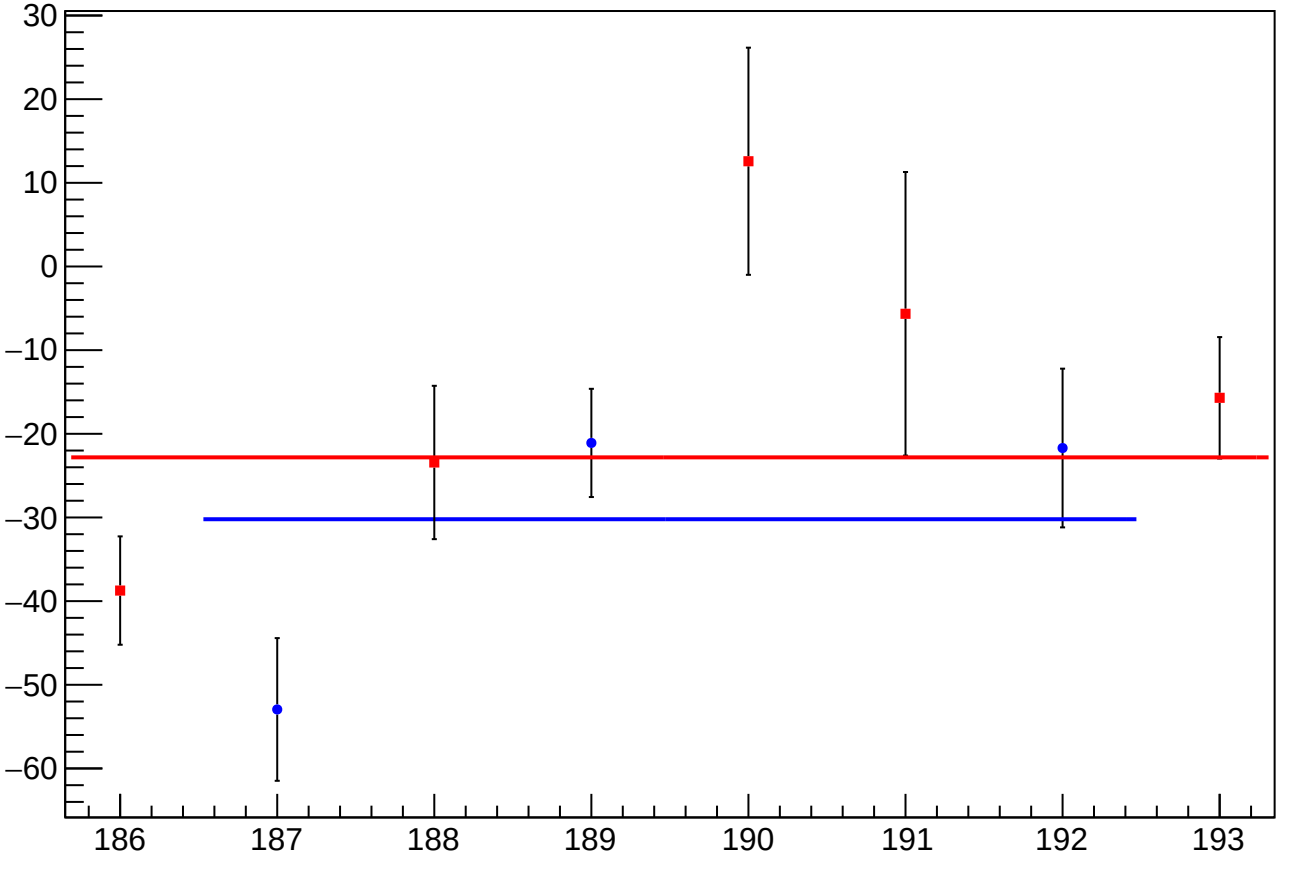
Right: -182.528+/-1.375 χ^2/NDF: 1365.6/7

In: -181.629+/-2.076 χ^2/NDF:311.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -182.528+/-1.375 χ^2/NDF: 1365.6/7

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.211+/-4.529 χ^2/NDF: 9.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -22.816+/-3.964 χ^2/NDF: 14.8/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

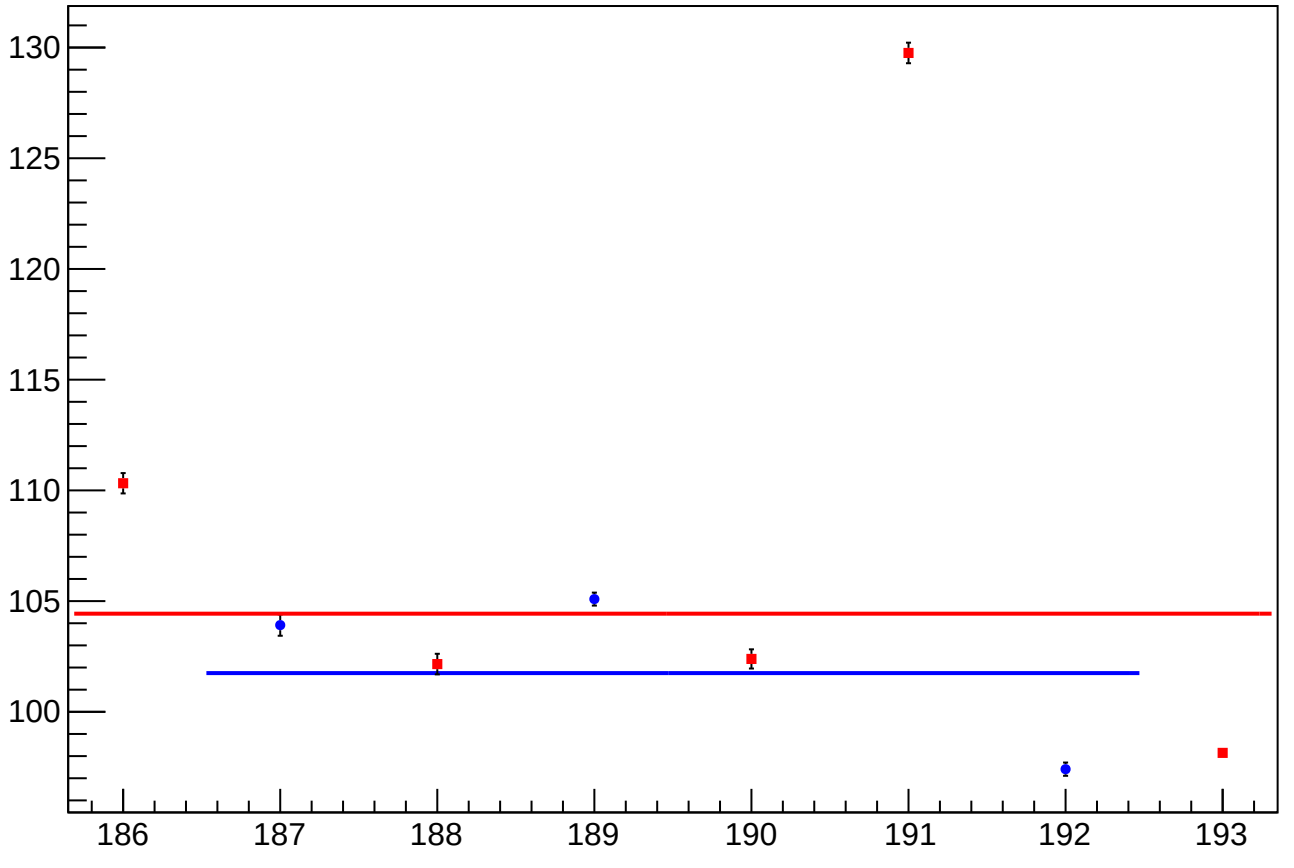
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

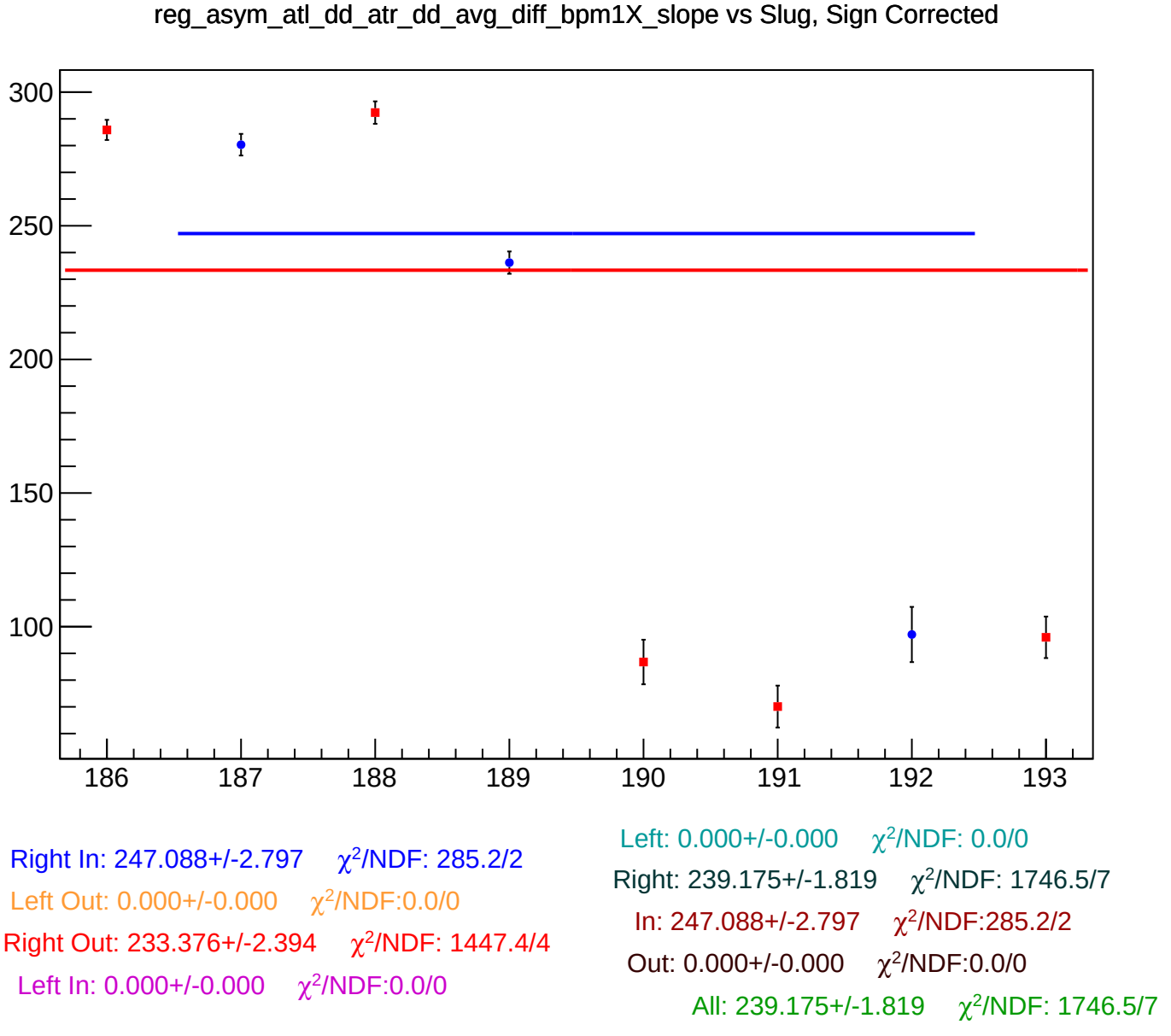
Right: -26.024+/-2.983 χ^2/NDF: 26.2/7

In: -30.211+/-4.529 χ^2/NDF:9.9/2

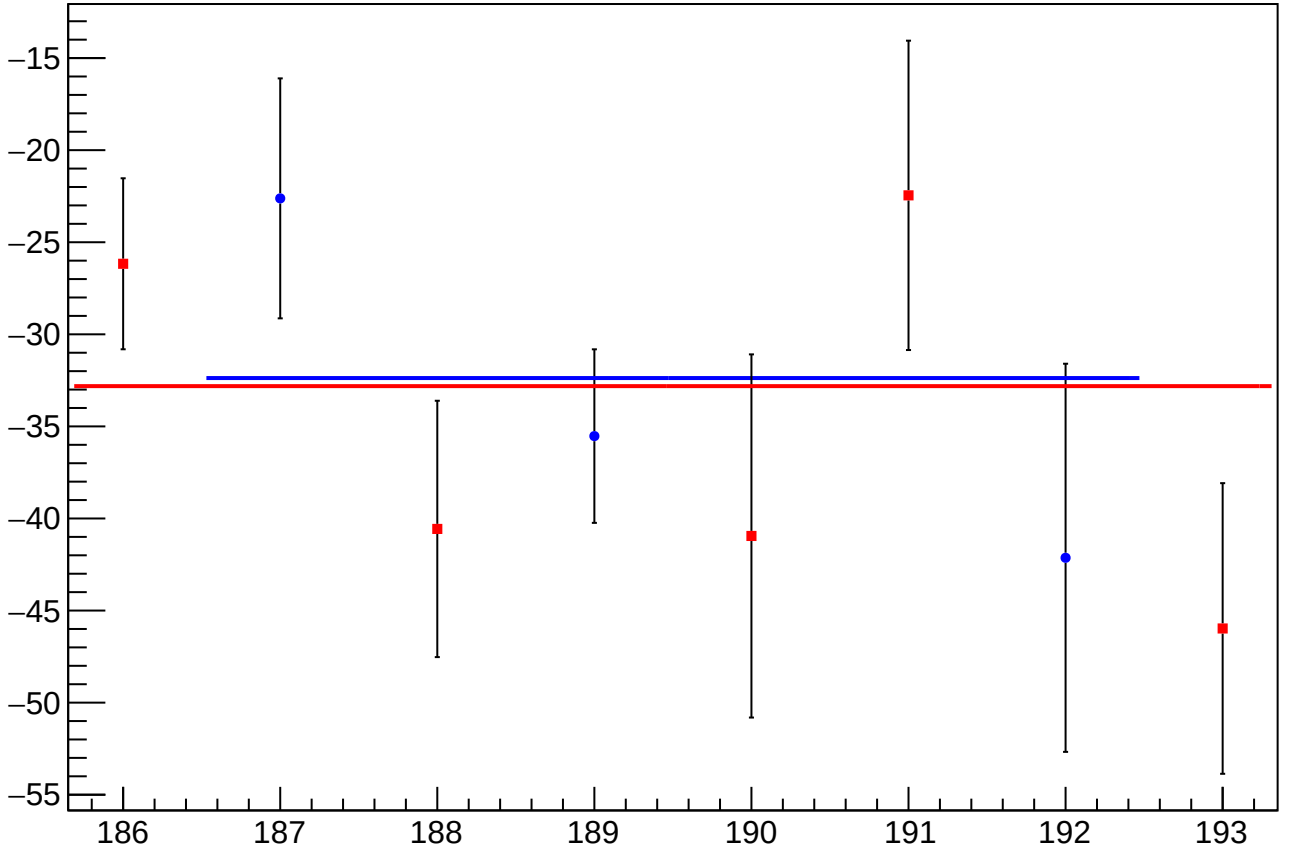
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.024+/-2.983 χ^2/NDF: 26.2/7


reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected
130
125
120
115
110
105
100
186
187
188
189
190
191
192
193
Right In: 101.749+/-0.192 χ2/NDF: 360.8/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 104.432+/-0.160 χ2/NDF: 3962.8/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 103.331+/-0.123 χ2/NDF: 4438.9/7
In: 101.749+/-0.192 χ2/NDF:360.8/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 103.331+/-0.123 χ2/NDF: 4438.9/7


reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected
300
250
200
150
100
186
187
188
189
190
191
192
193
Right In: 247.088+/-2.797 χ2/NDF: 285.2/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 233.376+/-2.394 χ2/NDF: 1447.4/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 239.175+/-1.819 χ2/NDF: 1746.5/7
In: 247.088+/-2.797 χ2/NDF:285.2/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 239.175+/-1.819 χ2/NDF: 1746.5/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -32.375+/-3.590 χ^2/NDF: 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.814+/-3.049 χ^2/NDF: 8.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

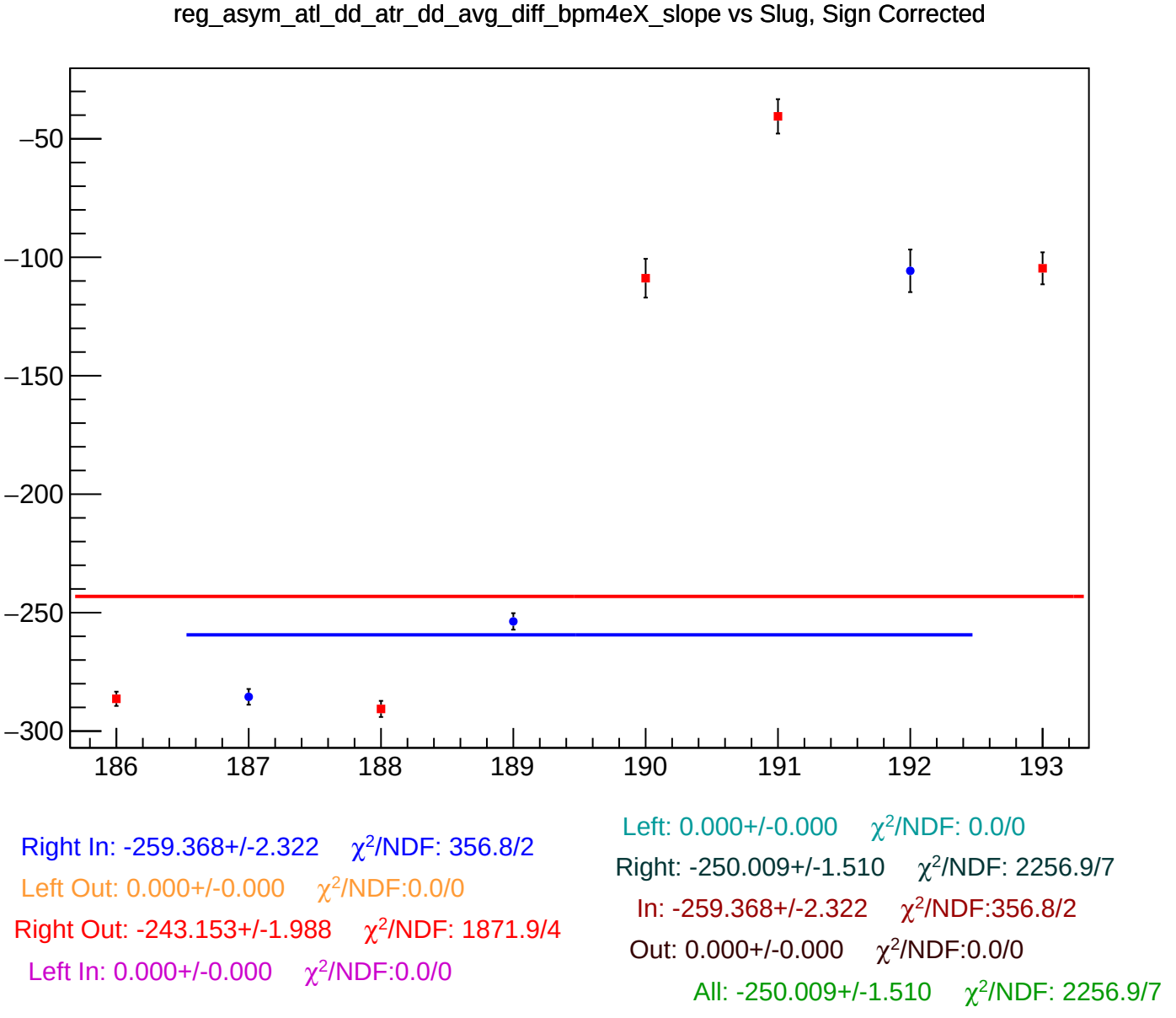
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.630+/-2.324 χ^2/NDF: 11.8/7

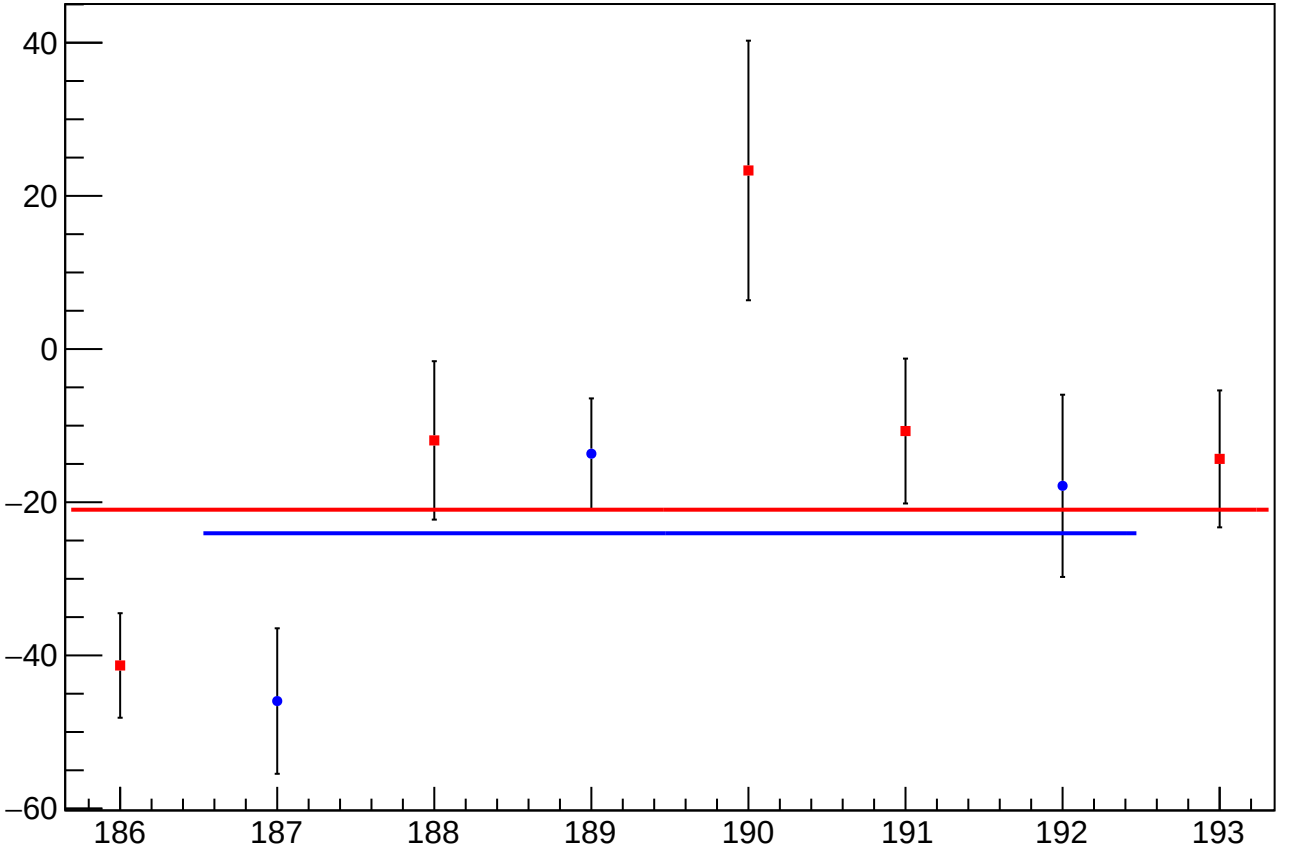
In: -32.375+/-3.590 χ^2/NDF:3.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.630+/-2.324 χ^2/NDF: 11.8/7


reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
−50
−100
−150
−200
−250
−300
186
187
188
189
190
191
192
193
Right In: -259.368+/-2.322 χ²/NDF: 356.8/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -243.153+/-1.988 χ²/NDF: 1871.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -250.009+/-1.510 χ²/NDF: 2256.9/7
In: -259.368+/-2.322 χ²/NDF:356.8/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -250.009+/-1.510 χ²/NDF: 2256.9/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.051+/-5.177 χ^2/NDF: 7.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -20.975+/-4.152 χ^2/NDF: 18.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

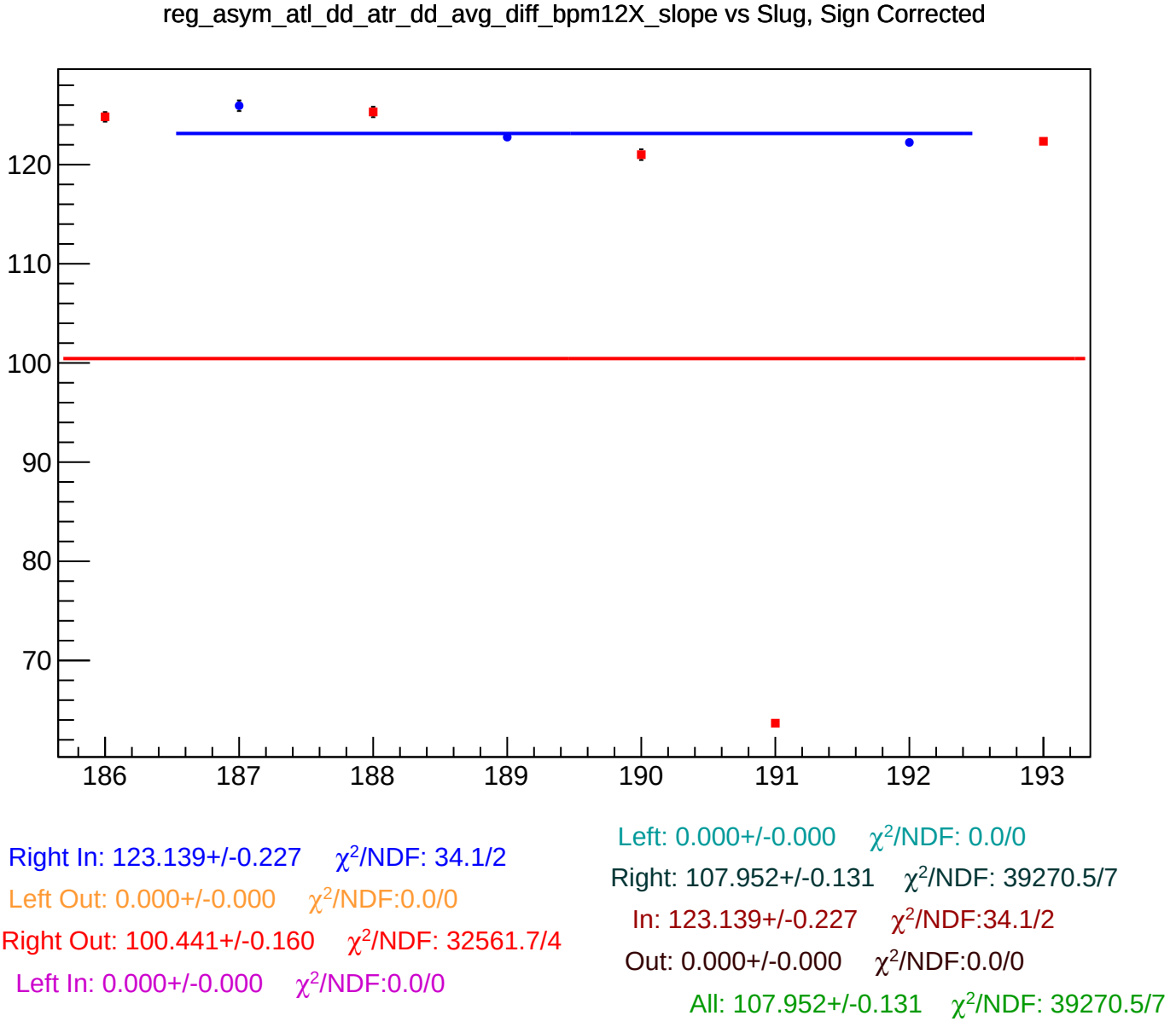
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

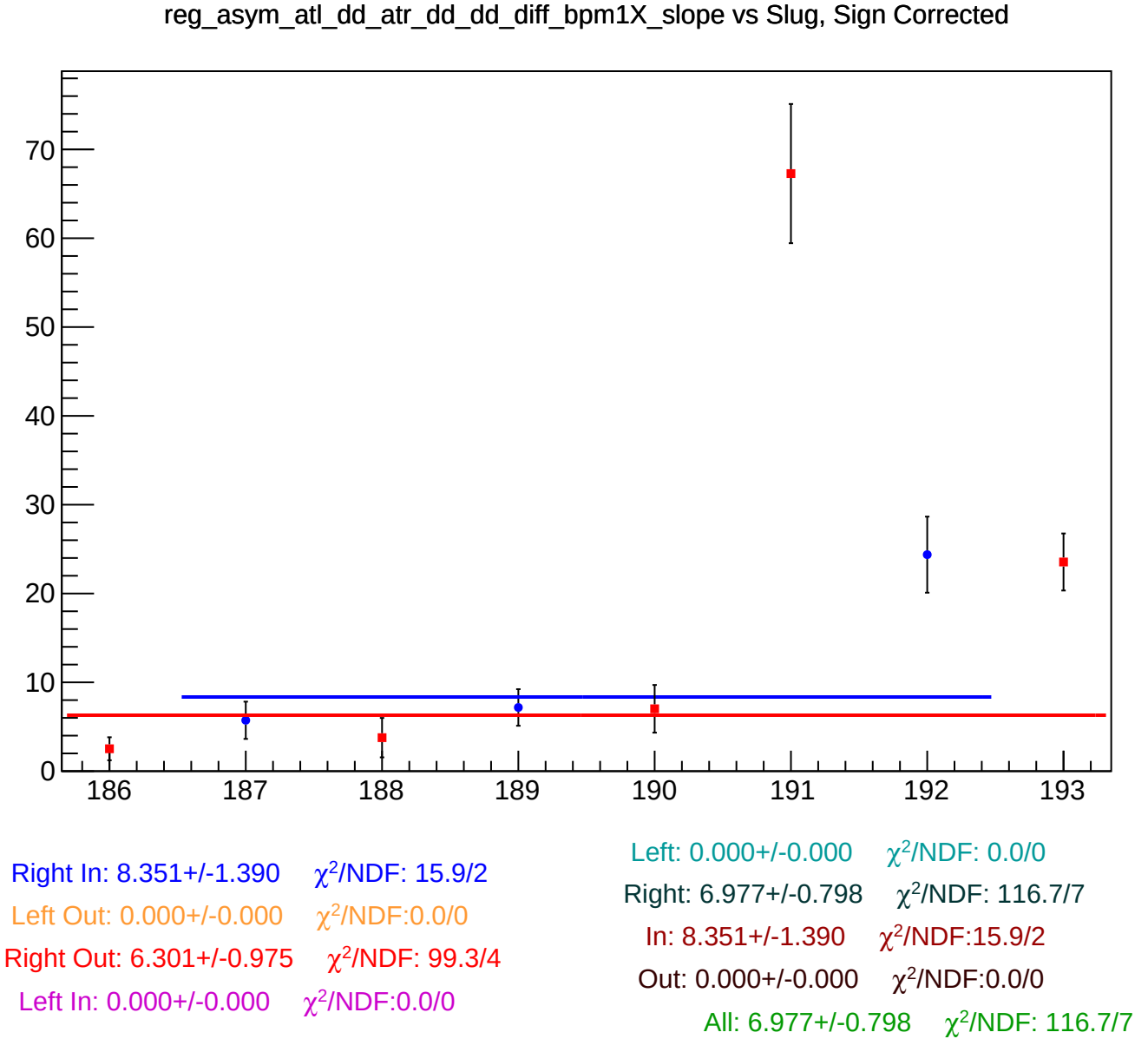
Right: -22.179+/-3.239 χ^2/NDF: 26.1/7

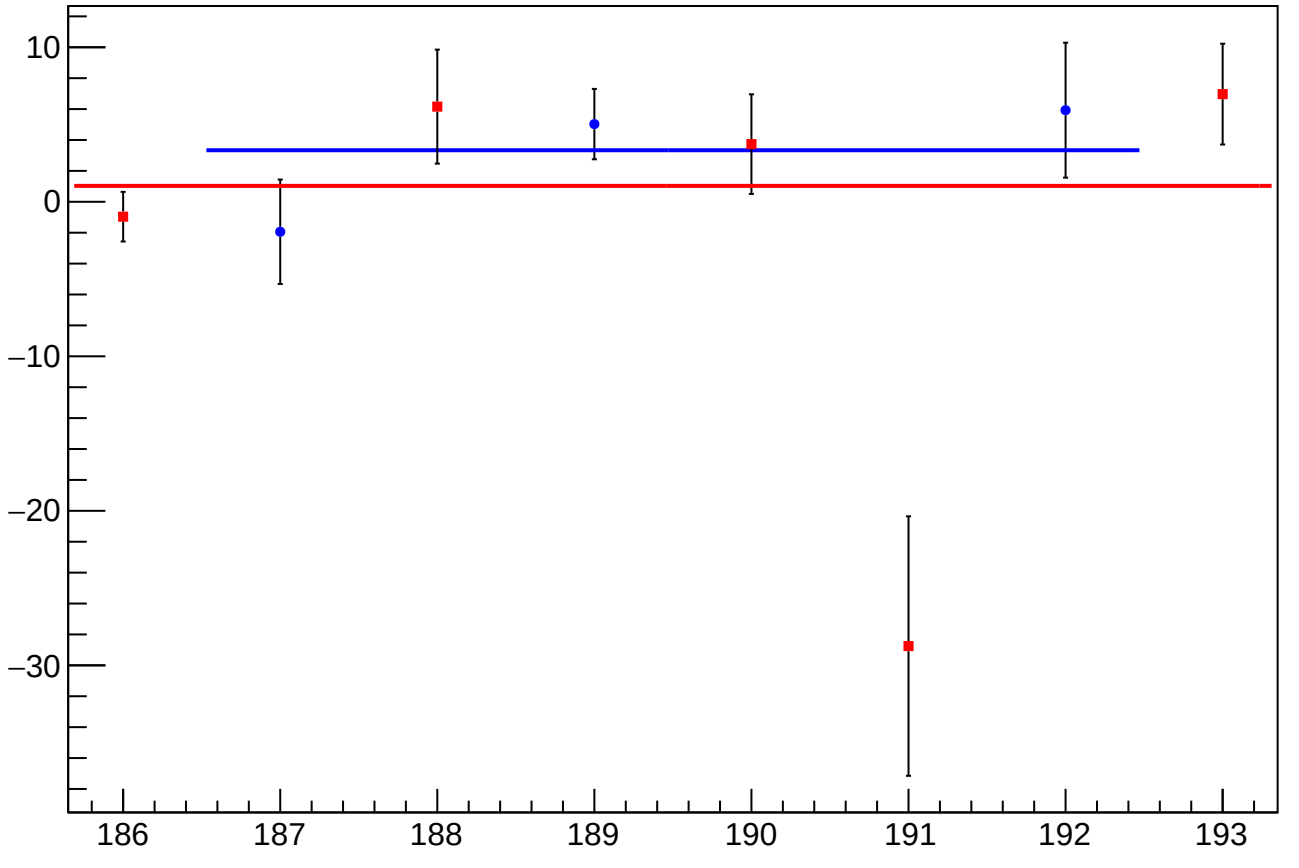
In: -24.051+/-5.177 χ^2/NDF:7.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -22.179+/-3.239 χ^2/NDF: 26.1/7


reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected
120
110
100
90
80
70
186
187
188
189
190
191
192
193
Right In: 123.139+/-0.227 χ²/NDF: 34.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 100.441+/-0.160 χ²/NDF: 32561.7/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 107.952+/-0.131 χ²/NDF: 39270.5/7
In: 123.139+/-0.227 χ²/NDF:34.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 107.952+/-0.131 χ²/NDF: 39270.5/7


reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected
70
60
50
40
30
20
10
0
186
187
188
189
190
191
192
193
Right In: 8.351+/-1.390 χ²/NDF: 15.9/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 6.301+/-0.975 χ²/NDF: 99.3/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 6.977+/-0.798 χ²/NDF: 116.7/7
In: 8.351+/-1.390 χ²/NDF:15.9/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 6.977+/-0.798 χ²/NDF: 116.7/7



Right In: 3.336+/-1.734 χ^2/NDF: 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.031+/-1.226 χ^2/NDF: 20.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

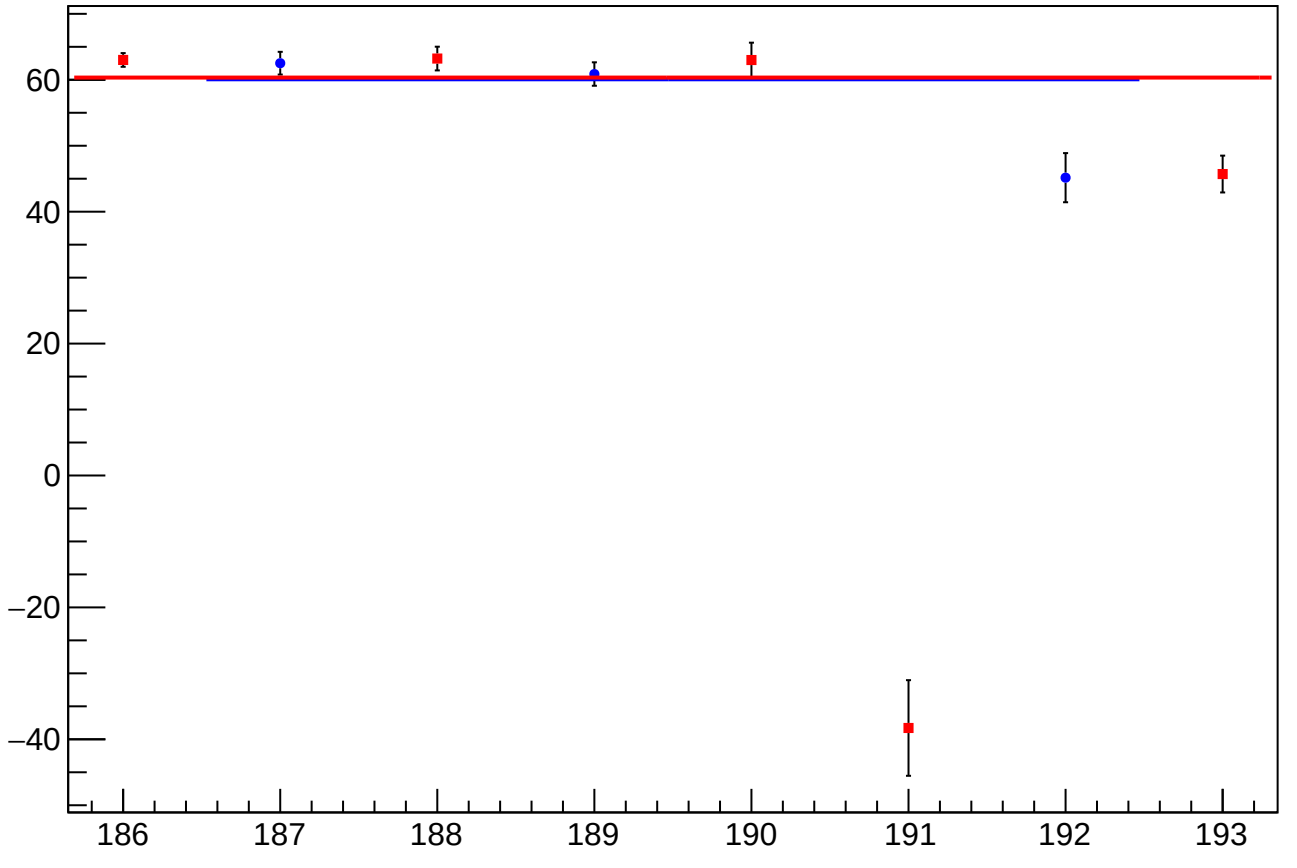
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.799+/-1.001 χ^2/NDF: 24.6/7

In: 3.336+/-1.734 χ^2/NDF:3.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.799+/-1.001 χ^2/NDF: 24.6/7



Right In: 60.076+/-1.174 χ^2/NDF: 18.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.336+/-0.809 χ^2/NDF: 222.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

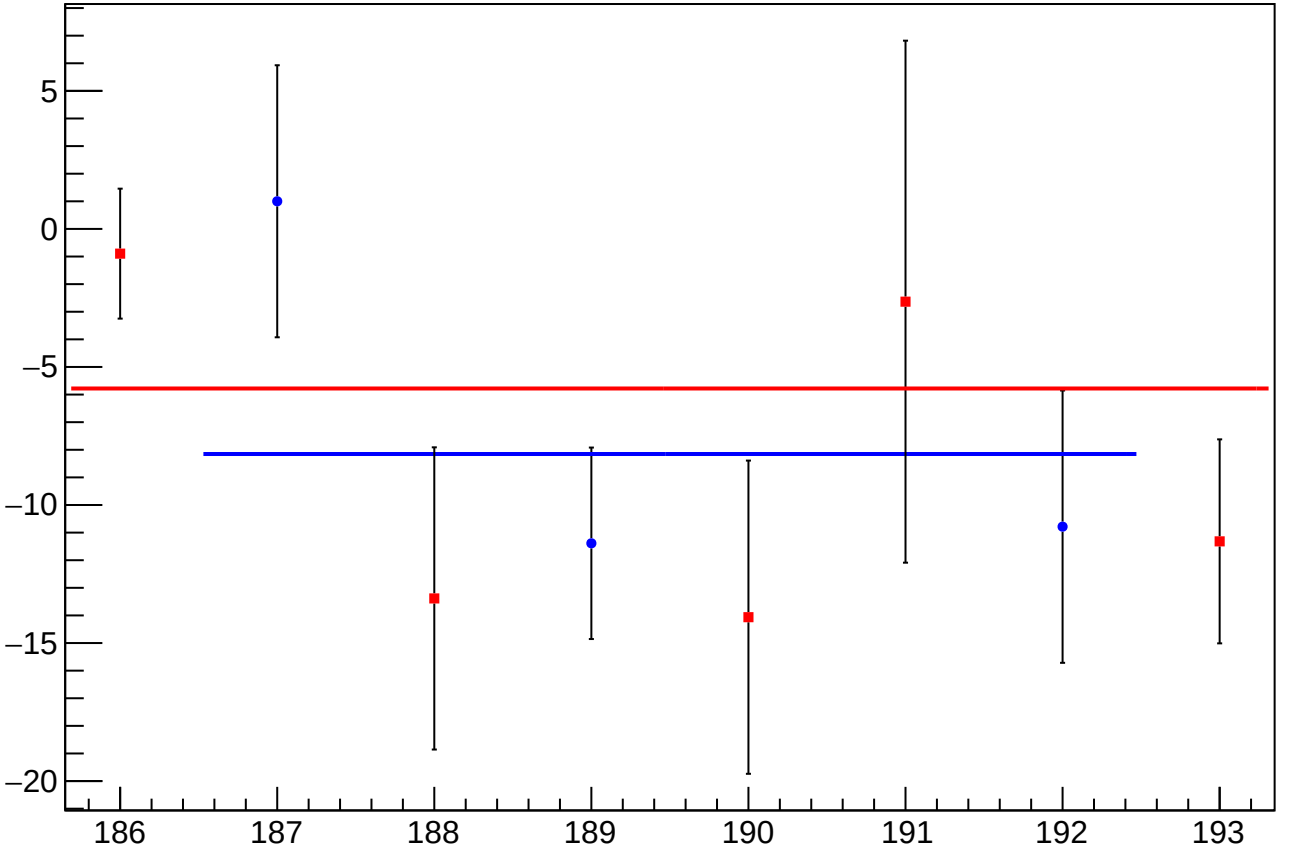
Right: 60.252+/-0.666 χ^2/NDF: 240.9/7

In: 60.076+/-1.174 χ^2/NDF:18.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 60.252+/-0.666 χ^2/NDF: 240.9/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.153+/-2.458 χ^2/NDF: 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.780+/-1.742 χ^2/NDF: 10.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

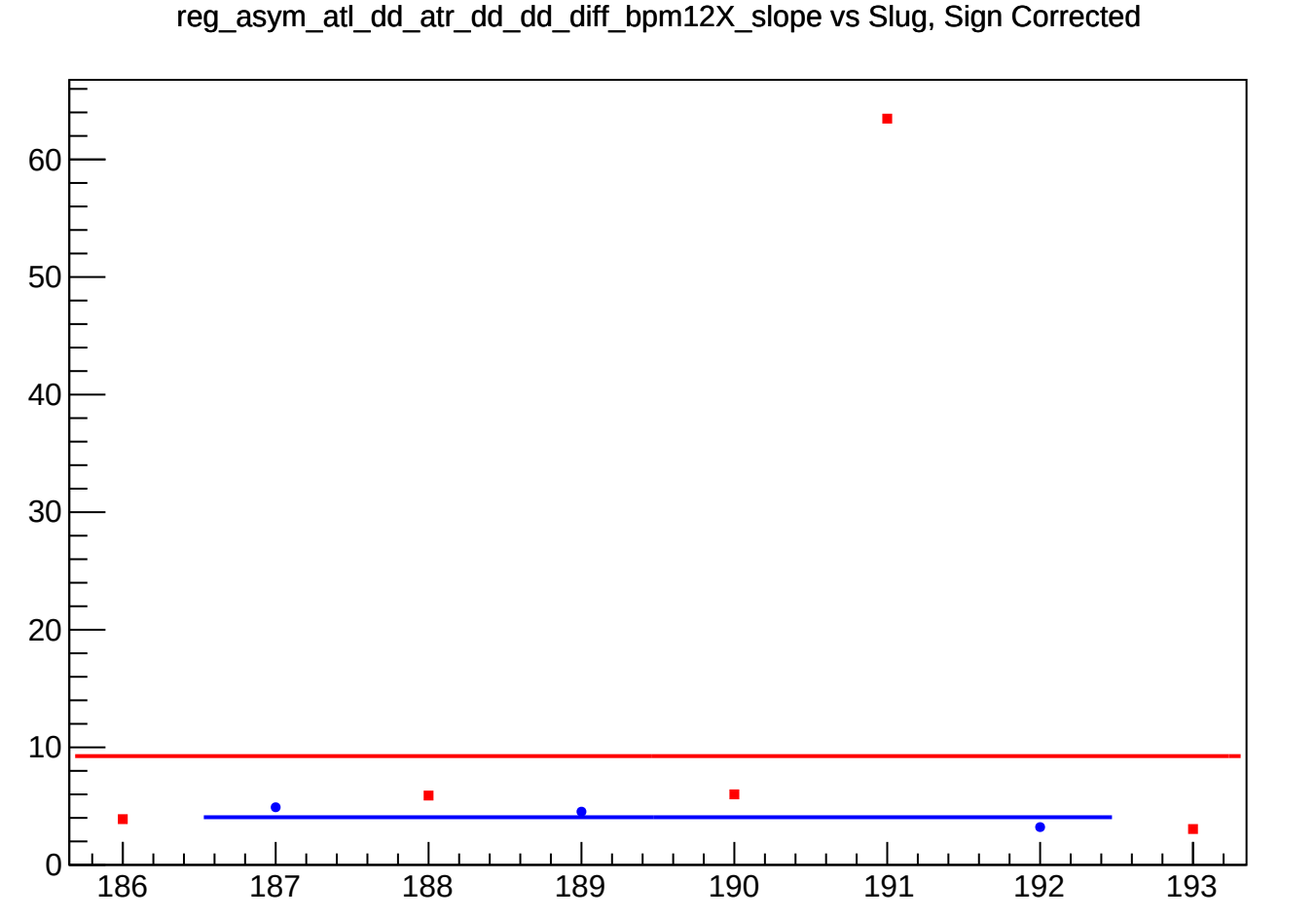
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

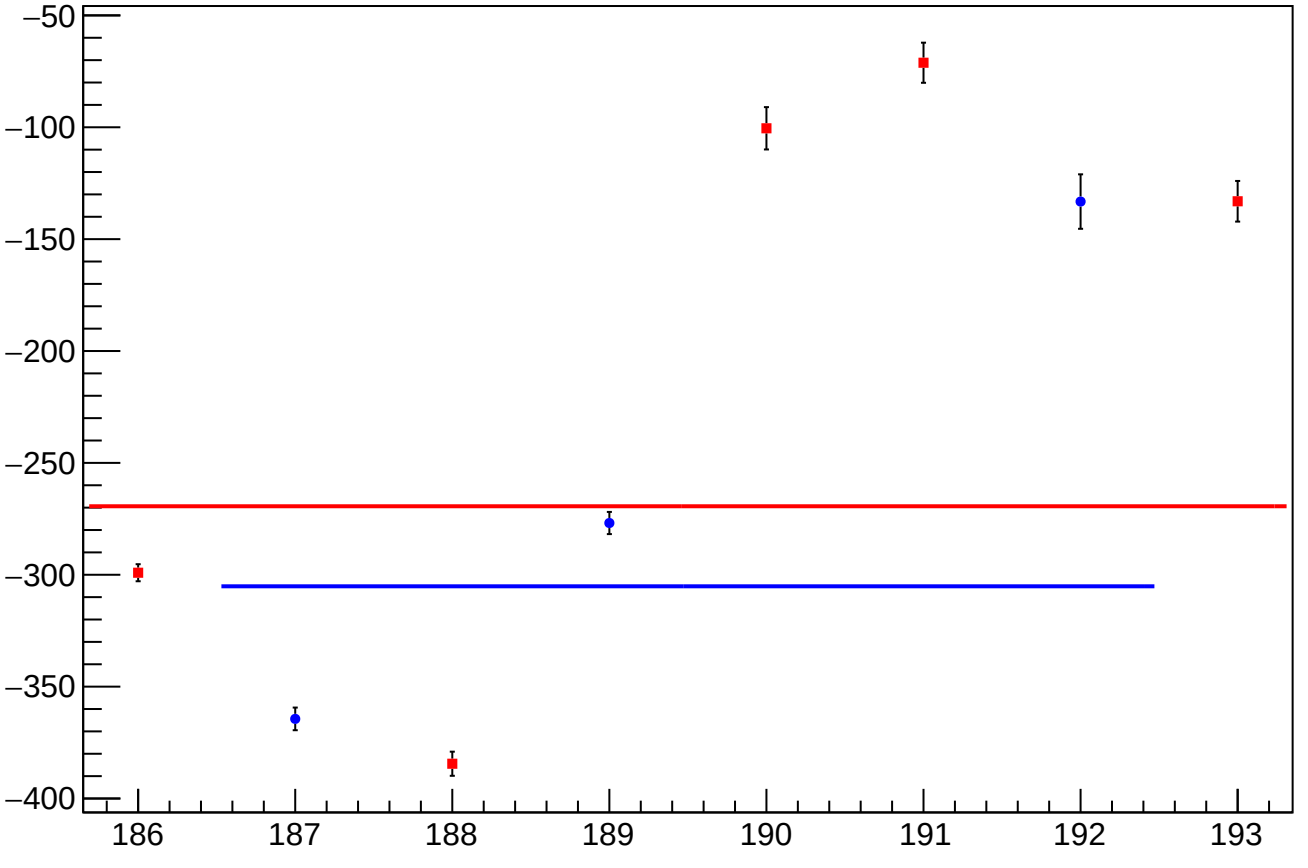
Right: -6.573+/-1.422 χ^2/NDF: 16.0/7

In: -8.153+/-2.458 χ^2/NDF:4.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.573+/-1.422 χ^2/NDF: 16.0/7


reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected
60
50
40
30
20
10
0
186
187
188
189
190
191
192
193
Right In: 4.056+/-0.098 χ²/NDF: 49.6/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 9.256+/-0.077 χ²/NDF: 48266.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 7.284+/-0.060 χ²/NDF: 50062.5/7
In: 4.056+/-0.098 χ²/NDF:49.6/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 7.284+/-0.060 χ²/NDF: 50062.5/7



Right In: -305.158+/-3.400 χ^2/NDF: 369.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -269.384+/-2.682 χ^2/NDF: 1549.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

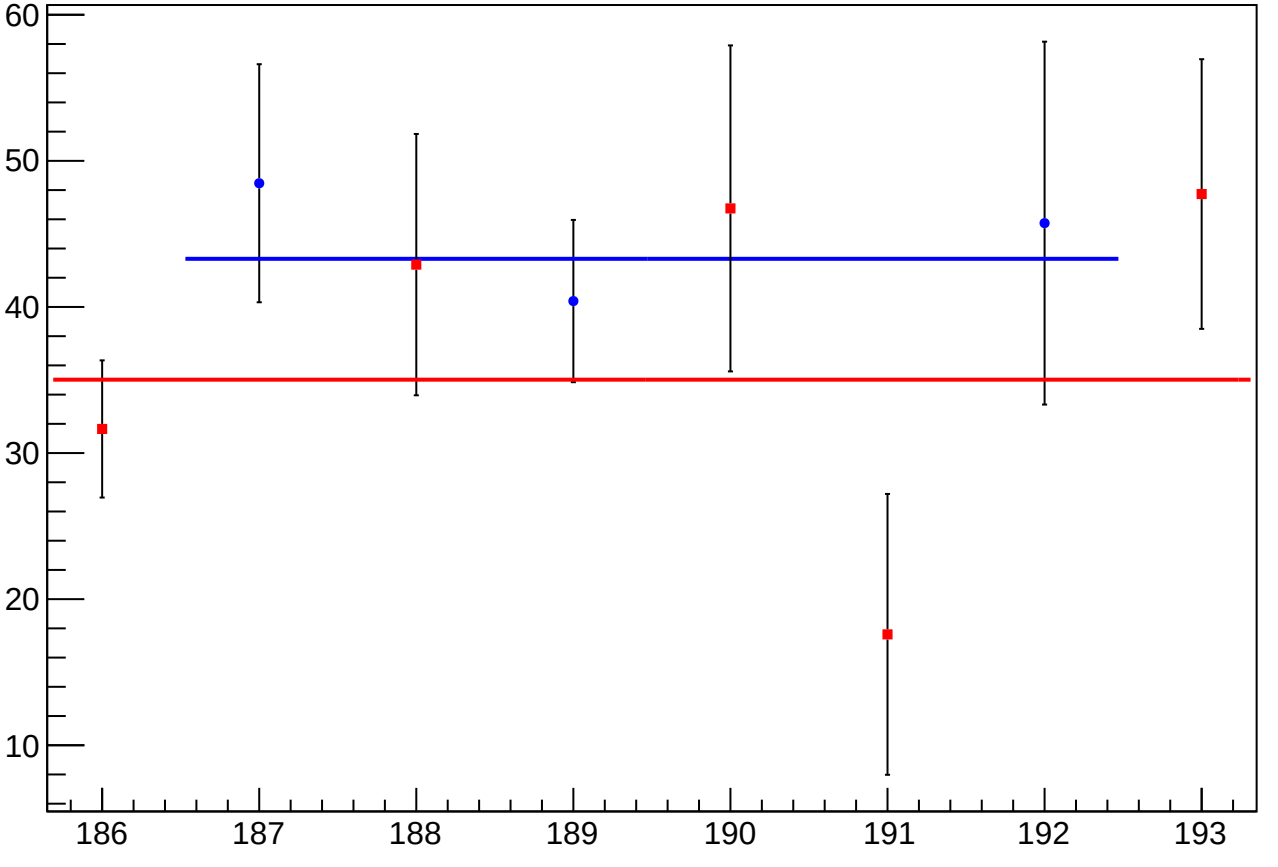
Right: -283.107+/-2.106 χ^2/NDF: 1986.5/7

In: -305.158+/-3.400 χ^2/NDF:369.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -283.107+/-2.106 χ^2/NDF: 1986.5/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 43.296+/-4.304 χ^2/NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 35.023+/-3.362 χ^2/NDF: 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

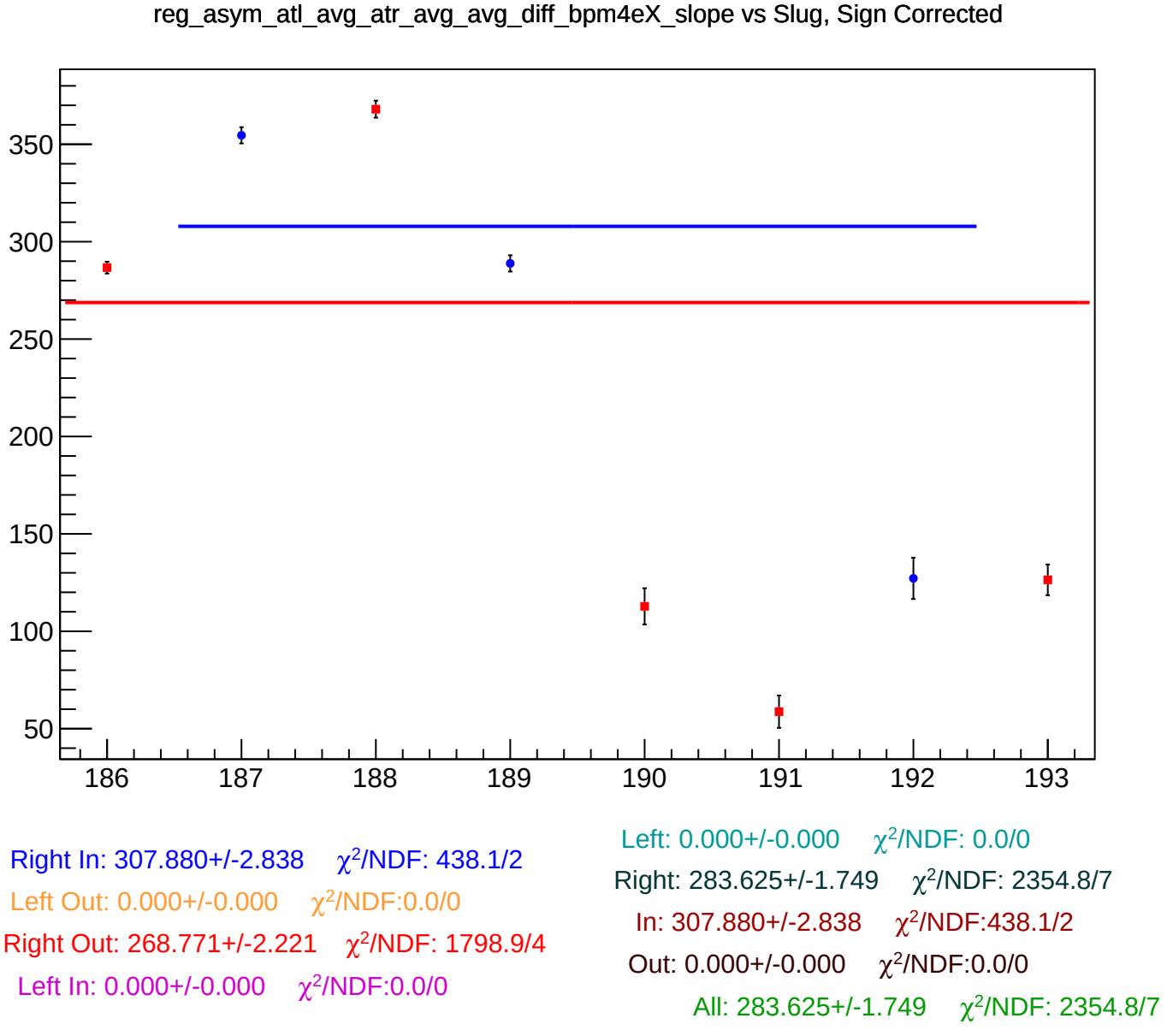
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 38.158+/-2.650 χ^2/NDF: 10.6/7

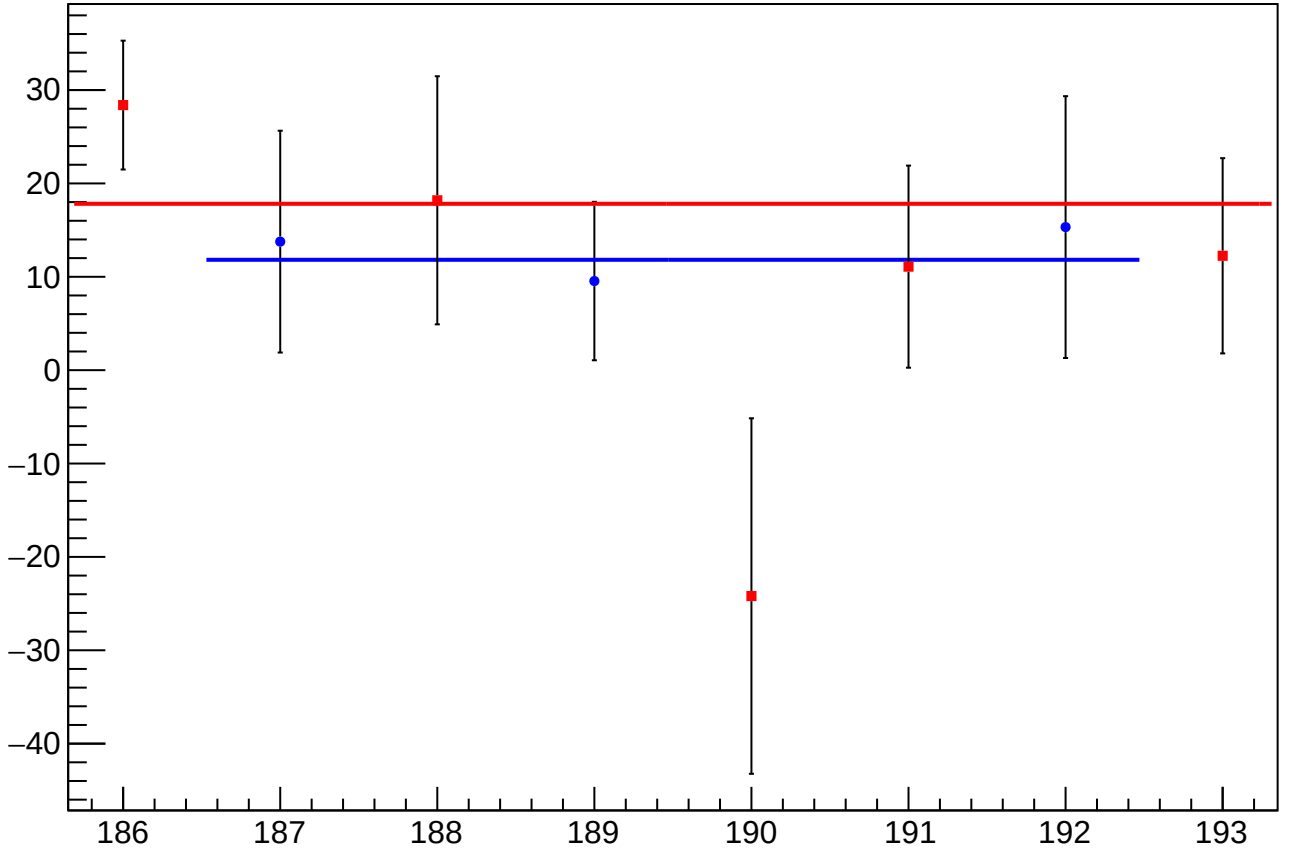
In: 43.296+/-4.304 χ^2/NDF:0.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 38.158+/-2.650 χ^2/NDF: 10.6/7


reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
350
300
250
200
150
100
50
186
187
188
189
190
191
192
193
Right In: 307.880+/-2.838 χ2/NDF: 438.1/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 268.771+/-2.221 χ2/NDF: 1798.9/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 283.625+/-1.749 χ2/NDF: 2354.8/7
In: 307.880+/-2.838 χ2/NDF:438.1/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 283.625+/-1.749 χ2/NDF: 2354.8/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.821+/-6.195 χ^2/NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.818+/-4.607 χ^2/NDF: 7.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

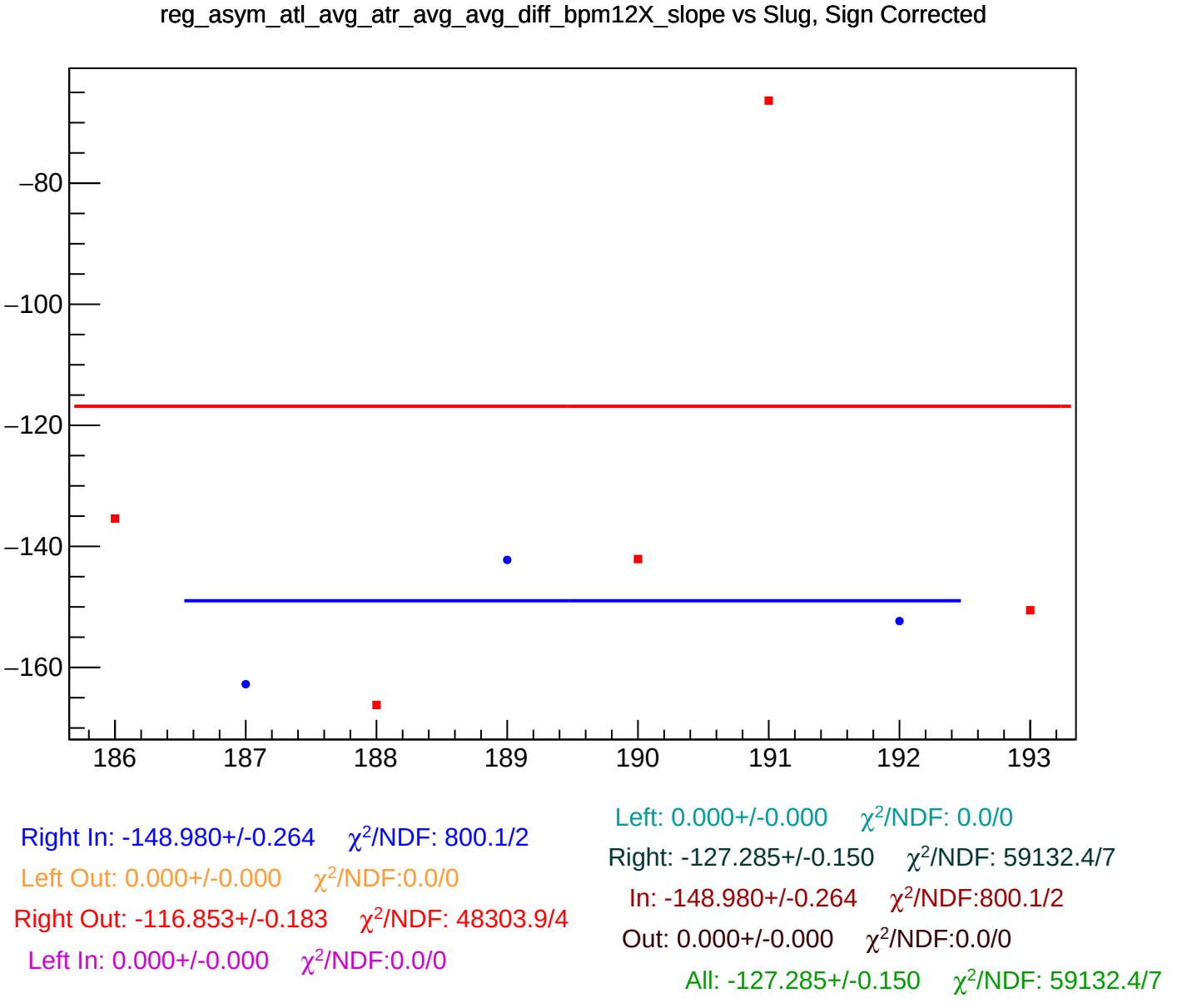
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

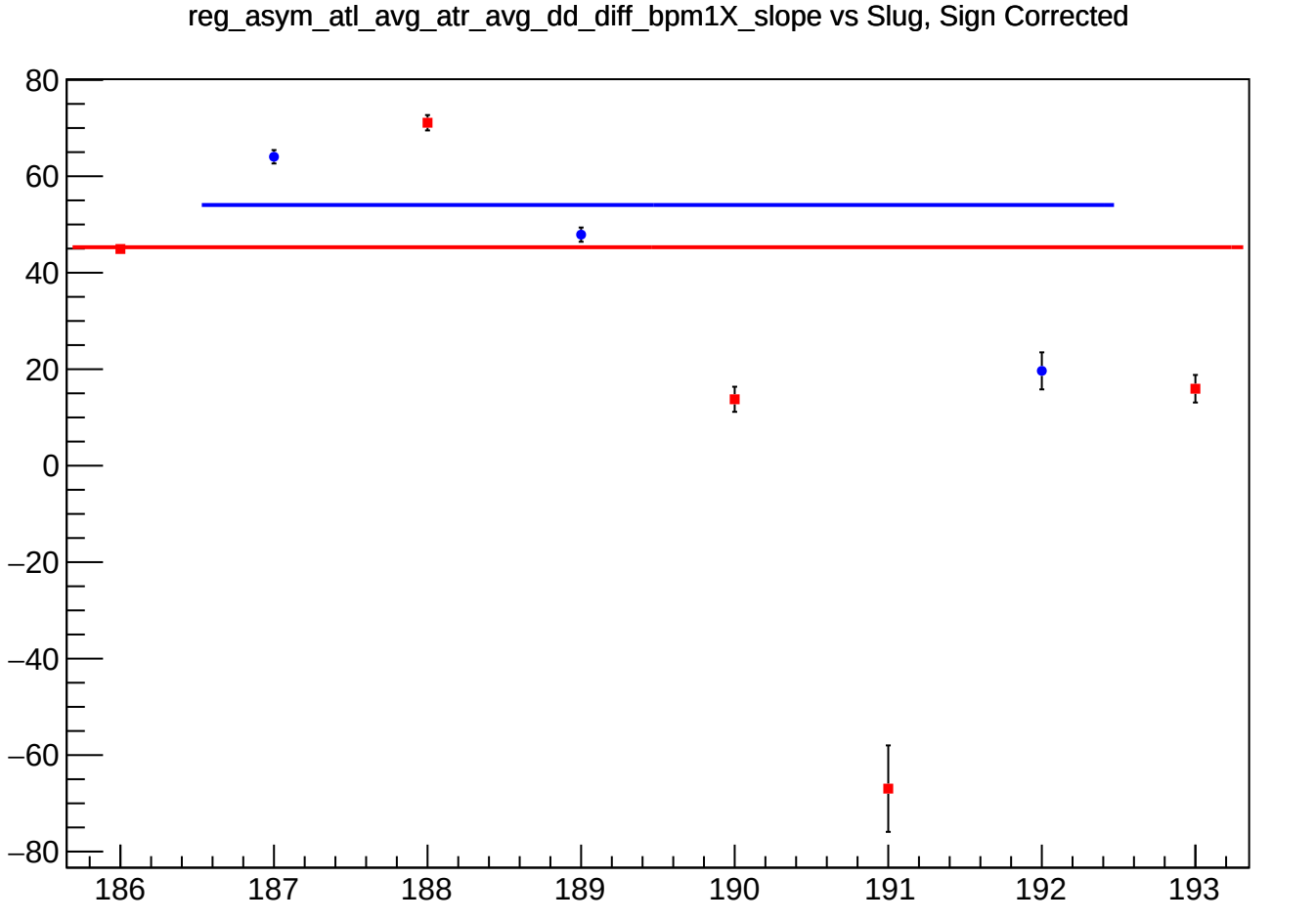
Right: 15.682+/-3.697 χ^2/NDF: 8.7/7

In: 11.821+/-6.195 χ^2/NDF:0.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 15.682+/-3.697 χ^2/NDF: 8.7/7


reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−80
−100
−120
−140
−160
186
187
188
189
190
191
192
193
Right In: -148.980+/-0.264 χ²/NDF: 800.1/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -116.853+/-0.183 χ²/NDF: 48303.9/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -127.285+/-0.150 χ²/NDF: 59132.4/7
In: -148.980+/-0.264 χ²/NDF:800.1/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -127.285+/-0.150 χ²/NDF: 59132.4/7



Right In: 54.045+/-0.980 χ^2/NDF: 149.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.289+/-0.705 χ^2/NDF: 670.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

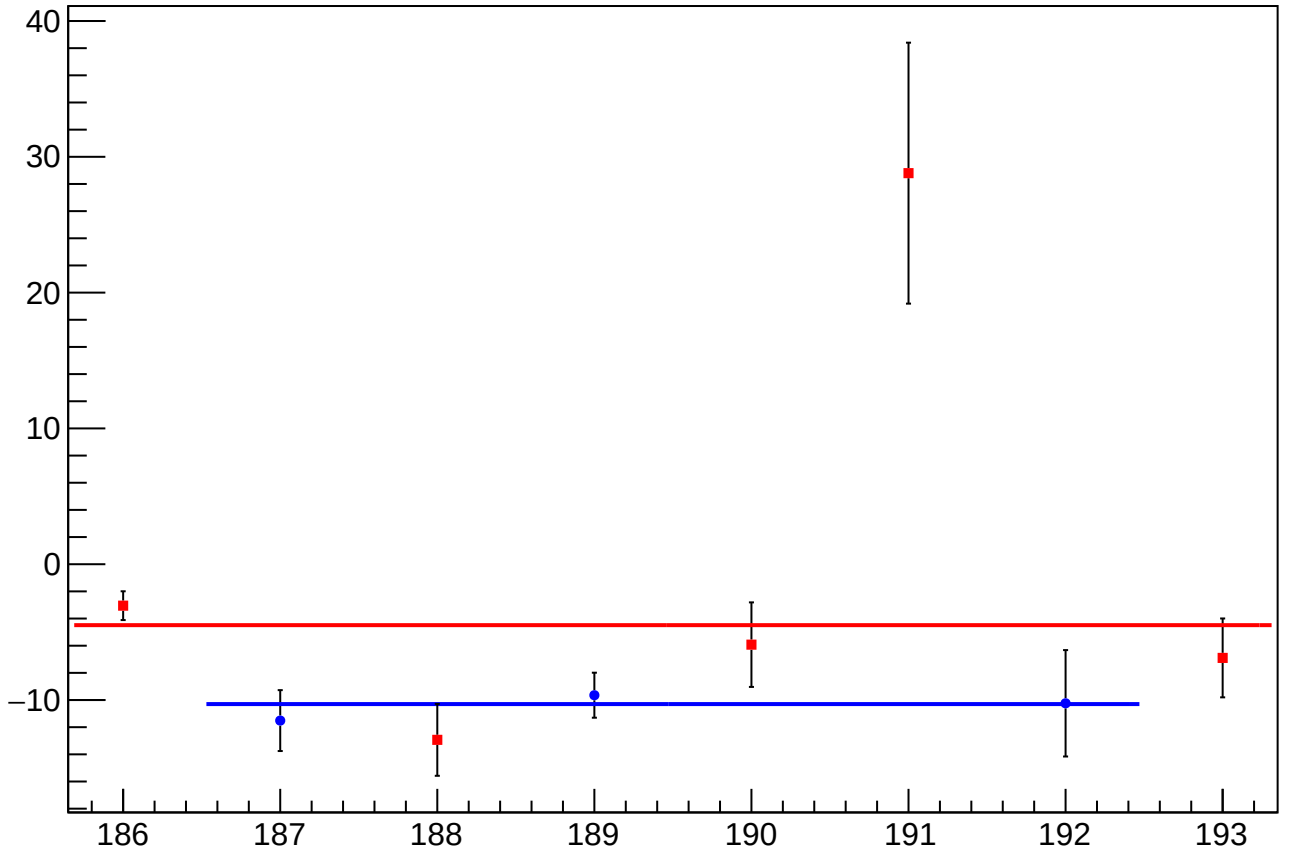
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 48.276+/-0.572 χ^2/NDF: 872.4/7

In: 54.045+/-0.980 χ^2/NDF:149.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 48.276+/-0.572 χ^2/NDF: 872.4/7



Right In: -10.299+/-1.262 χ^2/NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.487+/-0.889 χ^2/NDF: 24.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

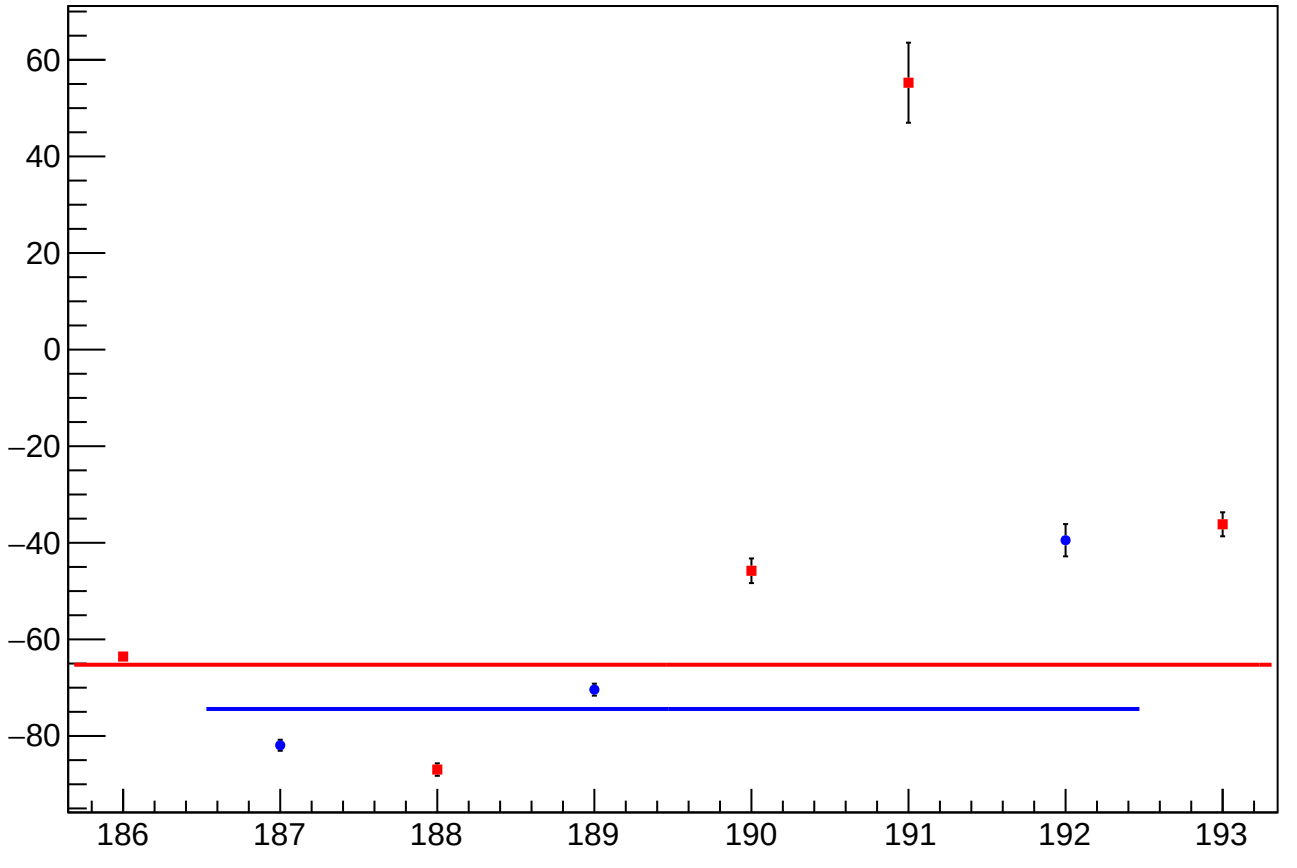
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -6.414+/-0.727 χ^2/NDF: 39.5/7

In: -10.299+/-1.262 χ^2/NDF:0.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.414+/-0.727 χ^2/NDF: 39.5/7



Right In: -74.410+/-0.815 χ^2/NDF: 162.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -65.249+/-0.576 χ^2/NDF: 694.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

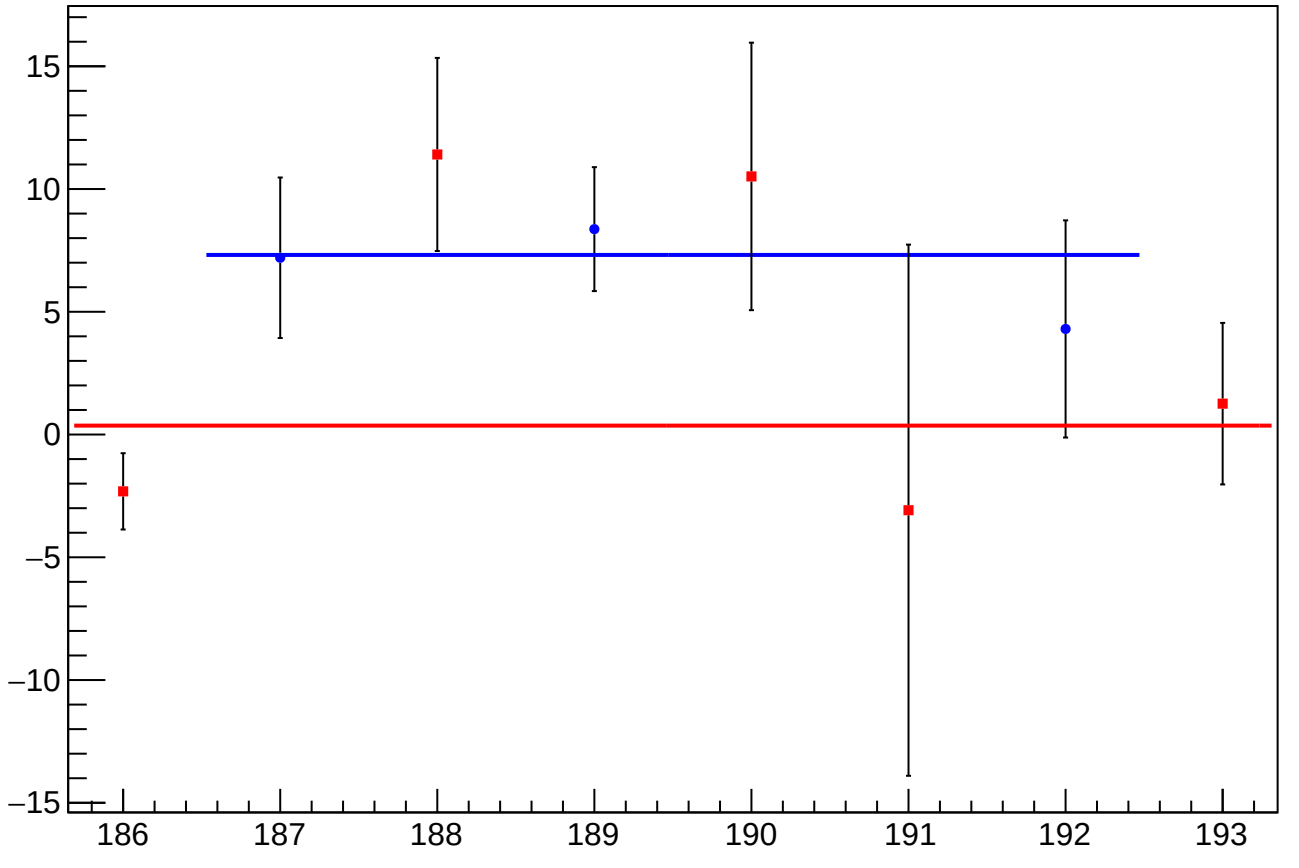
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -68.298+/-0.470 χ^2/NDF: 941.3/7

In: -74.410+/-0.815 χ^2/NDF:162.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -68.298+/-0.470 χ^2/NDF: 941.3/7



Right In: 7.316+/-1.821 χ^2/NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.363+/-1.277 χ^2/NDF: 14.5/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

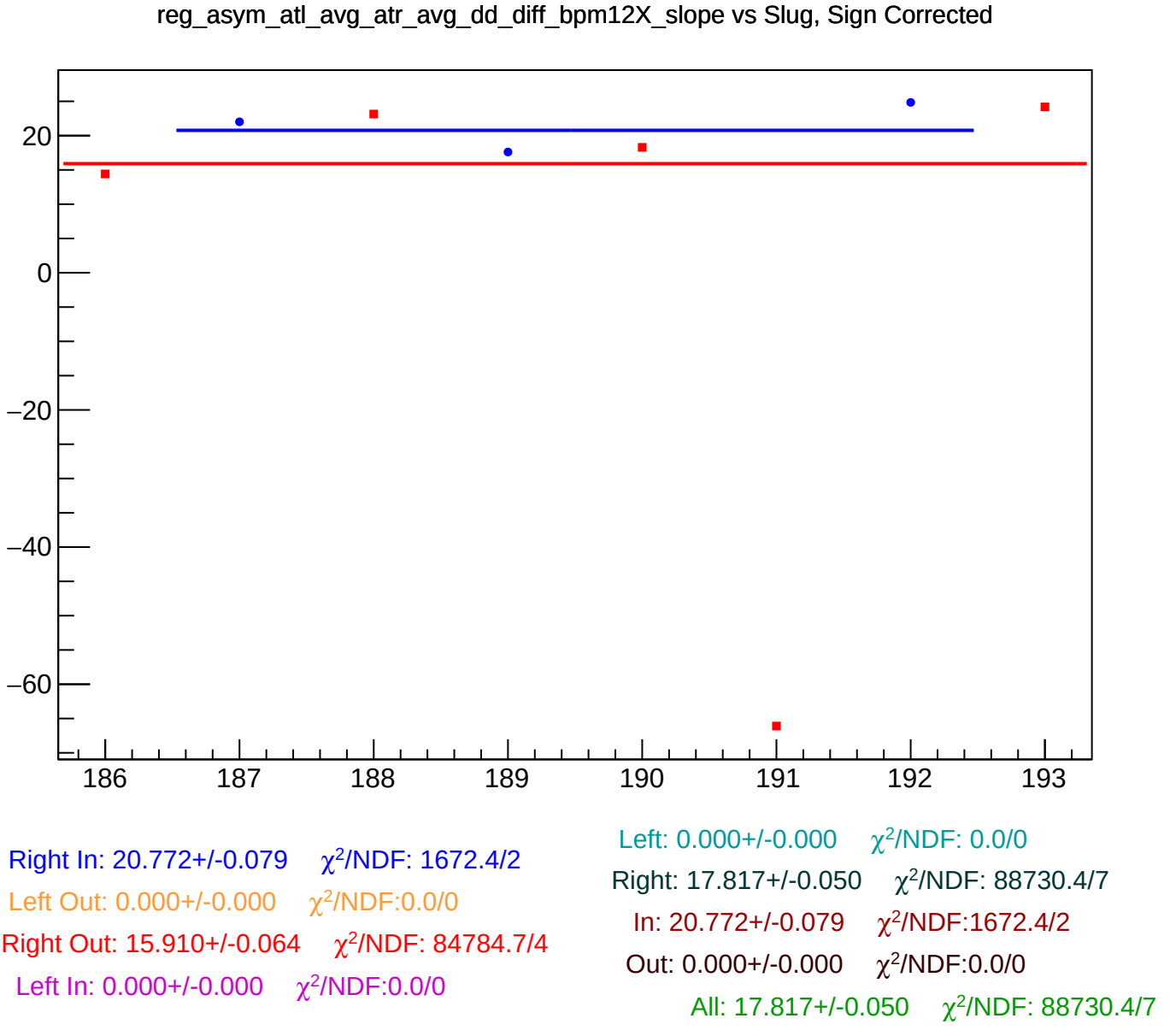
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

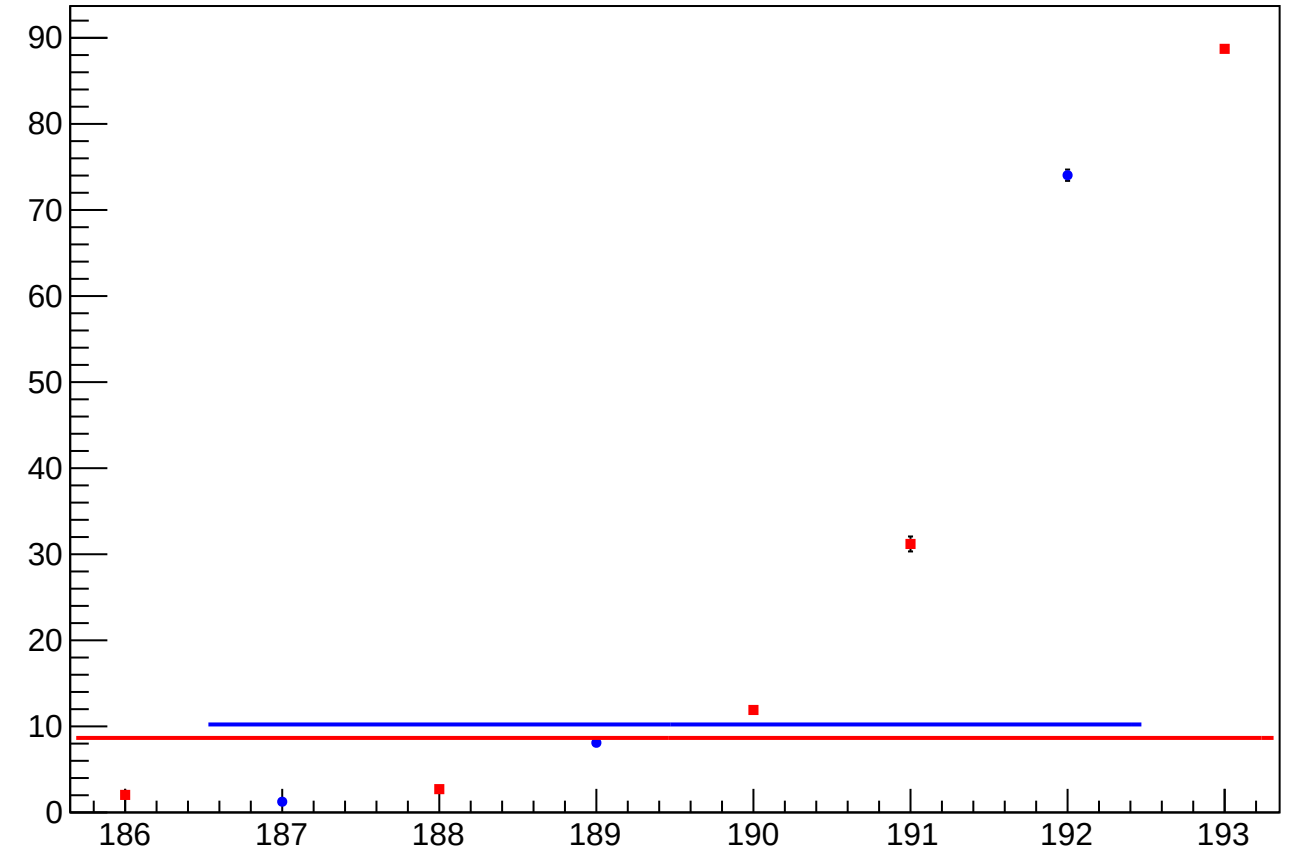
Right: 2.655+/-1.045 χ^2/NDF: 24.9/7

In: 7.316+/-1.821 χ^2/NDF:0.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.655+/-1.045 χ^2/NDF: 24.9/7


reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected
20
0
−20
−40
−60
186
187
188
189
190
191
192
193
Right In: 20.772+/-0.079 χ2/NDF: 1672.4/2
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 15.910+/-0.064 χ2/NDF: 84784.7/4
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 17.817+/-0.050 χ2/NDF: 88730.4/7
In: 20.772+/-0.079 χ2/NDF:1672.4/2
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 17.817+/-0.050 χ2/NDF: 88730.4/7



Right In: 10.224+/-0.181 χ^2/NDF: 10447.6/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.659+/-0.129 χ^2/NDF: 23042.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

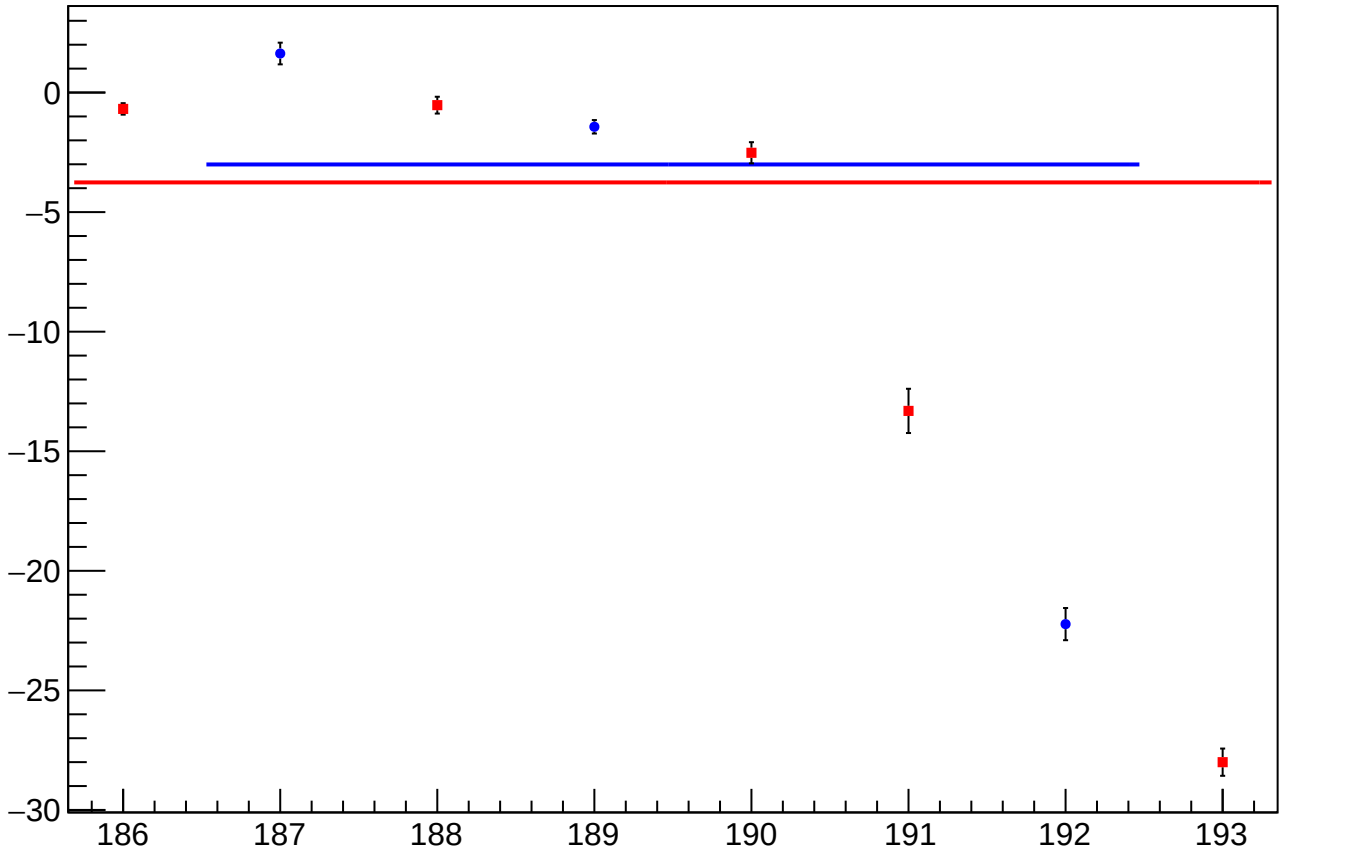
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9.186+/-0.105 χ^2/NDF: 33540.4/7

In: 10.224+/-0.181 χ^2/NDF:10447.6/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.186+/-0.105 χ^2/NDF: 33540.4/7



Right In: -3.007+/-0.225 χ^2/NDF: 951.8/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.758+/-0.169 χ^2/NDF: 2175.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

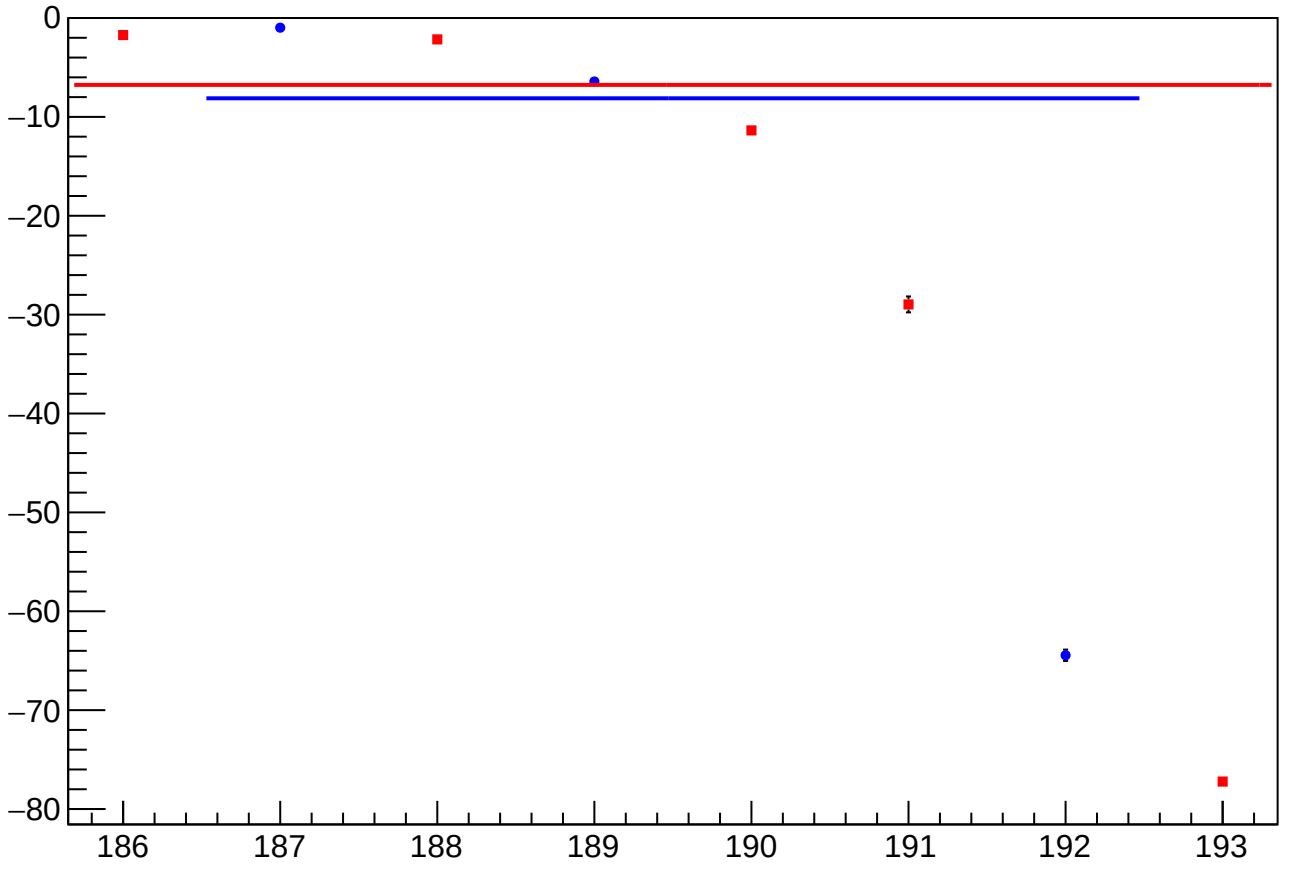
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.487+/-0.135 χ^2/NDF: 3134.2/7

In: -3.007+/-0.225 χ^2/NDF:951.8/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.487+/-0.135 χ^2/NDF: 3134.2/7



Right In: -8.120+/-0.151 χ^2/NDF: 10635.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.764+/-0.106 χ^2/NDF: 23501.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

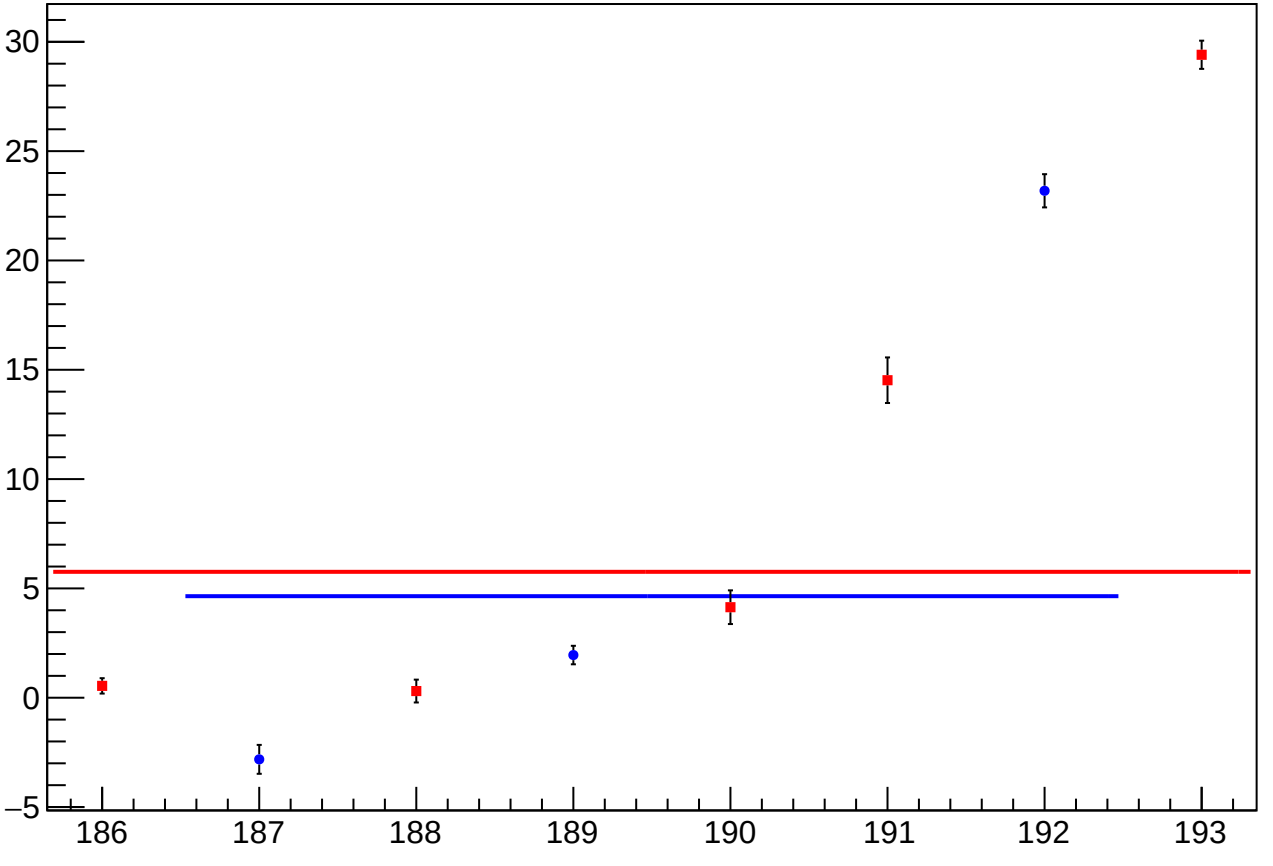
Right: -7.212+/-0.087 χ^2/NDF: 34190.5/7

In: -8.120+/-0.151 χ^2/NDF:10635.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.212+/-0.087 χ^2/NDF: 34190.5/7

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.644+/-0.323 χ^2/NDF: 763.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.759+/-0.244 χ^2/NDF: 1747.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

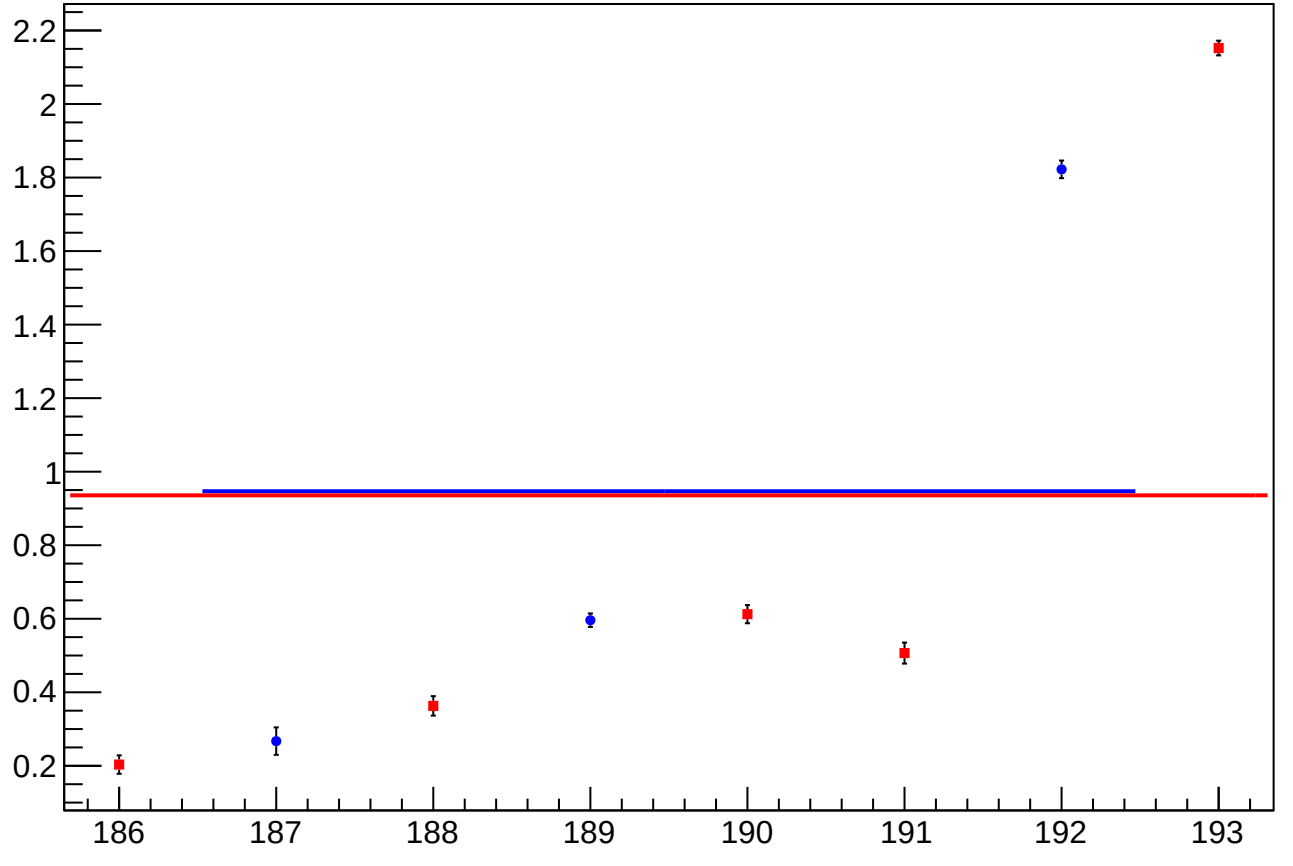
Right: 5.353+/-0.195 χ^2/NDF: 2519.0/7

In: 4.644+/-0.323 χ^2/NDF:763.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.353+/-0.195 χ^2/NDF: 2519.0/7

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.947+/-0.014 χ^2/NDF: 2030.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.936+/-0.011 χ^2/NDF: 5411.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

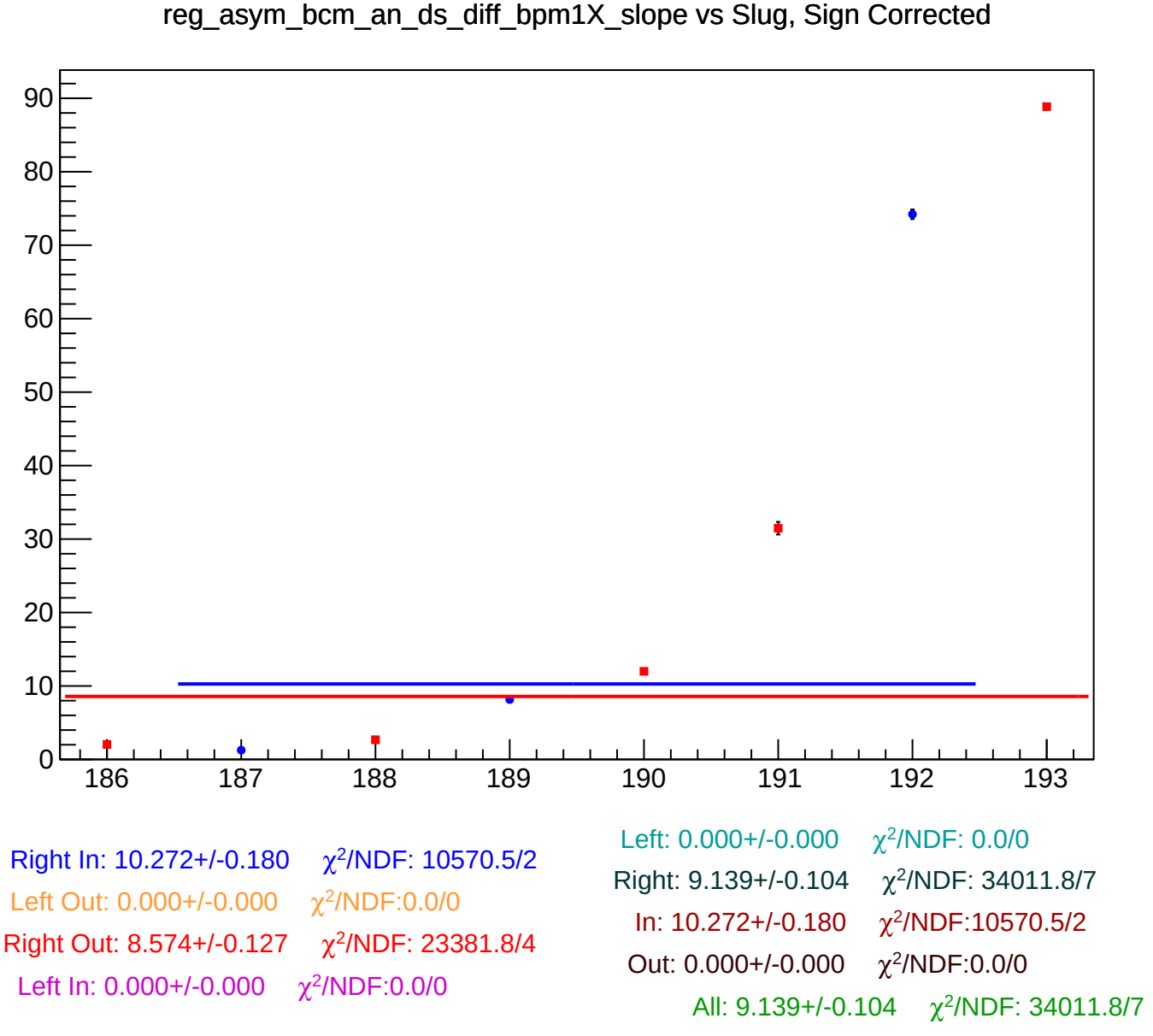
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

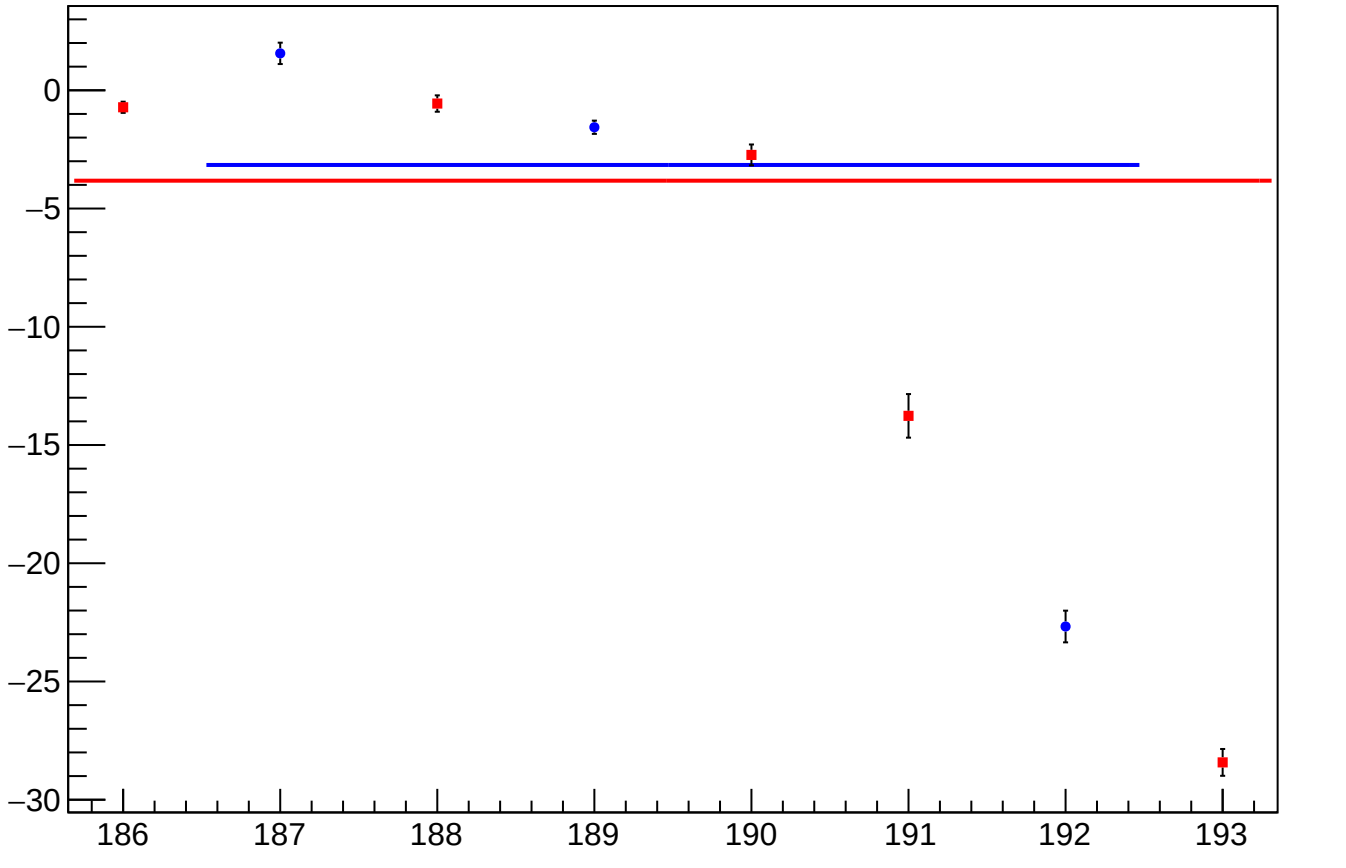
Right: 0.940+/-0.009 χ^2/NDF: 7441.7/7

In: 0.947+/-0.014 χ^2/NDF:2030.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.940+/-0.009 χ^2/NDF: 7441.7/7


reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected
90
80
70
60
50
40
30
20
10
0
186
187
188
189
190
191
192
193
Right In: 10.272+/-0.180 χ²/NDF: 10570.5/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 8.574+/-0.127 χ²/NDF: 23381.8/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 9.139+/-0.104 χ²/NDF: 34011.8/7
In: 10.272+/-0.180 χ²/NDF:10570.5/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 9.139+/-0.104 χ²/NDF: 34011.8/7



Right In: -3.158+/-0.224 χ^2/NDF: 989.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.822+/-0.168 χ^2/NDF: 2265.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

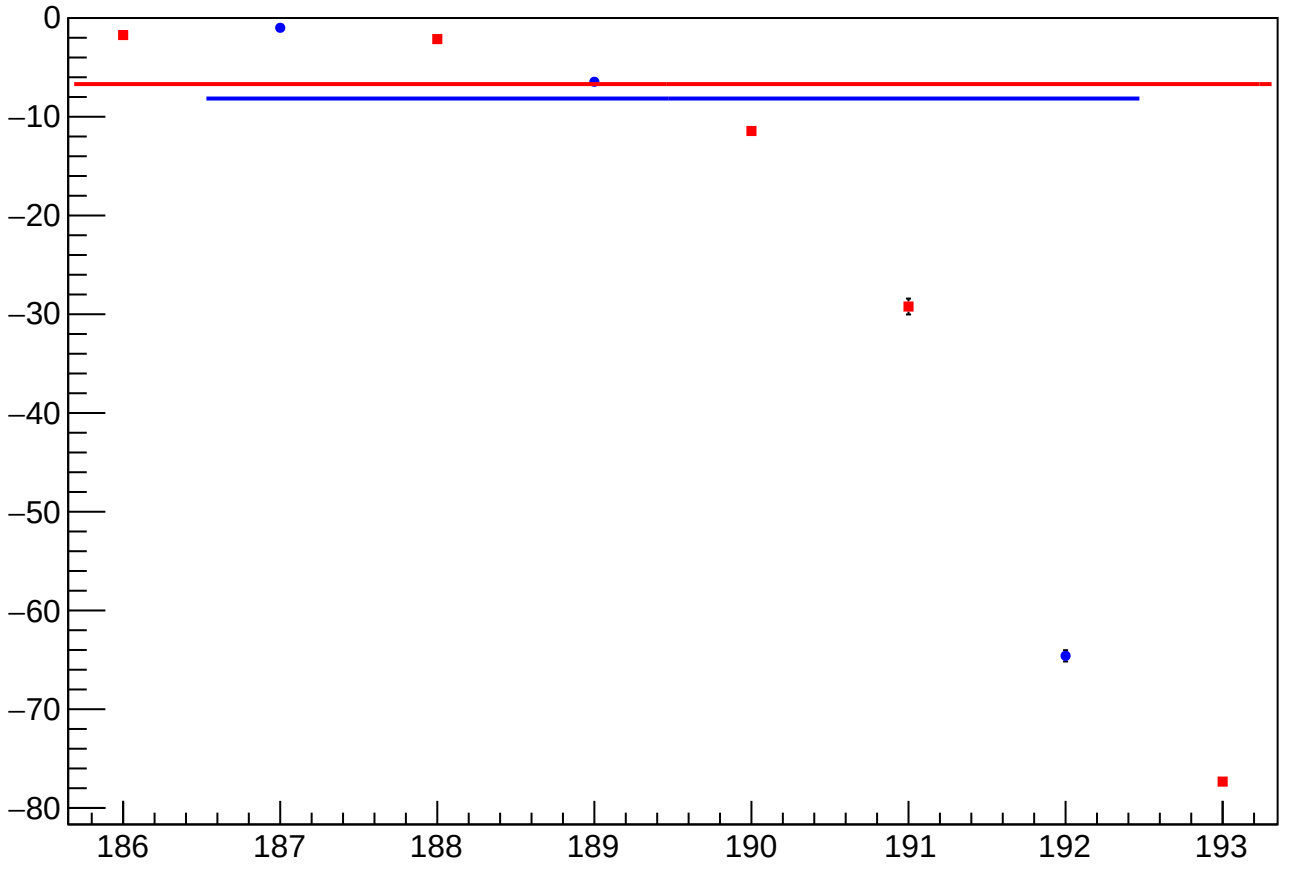
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.584+/-0.134 χ^2/NDF: 3260.2/7

In: -3.158+/-0.224 χ^2/NDF:989.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.584+/-0.134 χ^2/NDF: 3260.2/7



Right In: -8.154+/-0.151 χ^2/NDF: 10758.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.691+/-0.105 χ^2/NDF: 23839.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

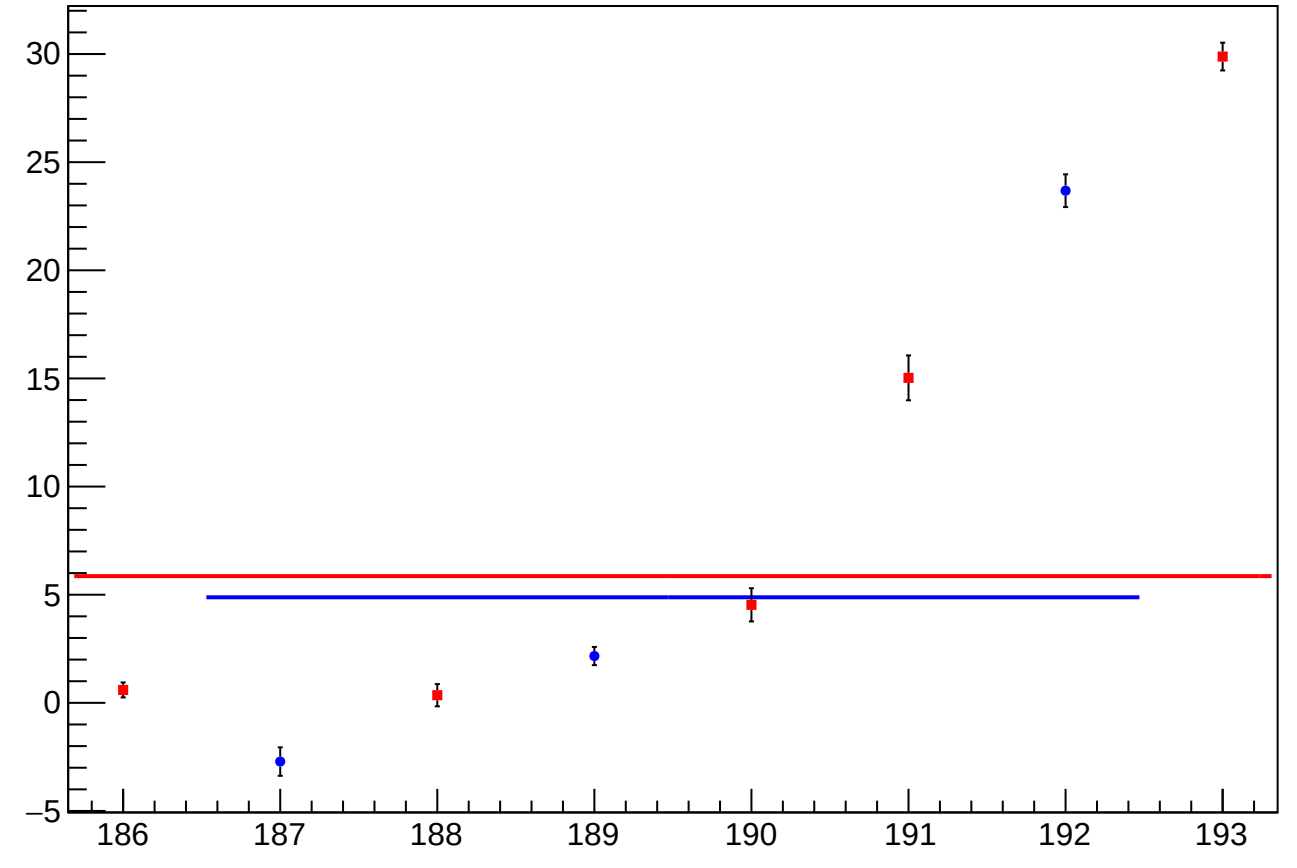
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.169+/-0.086 χ^2/NDF: 34660.7/7

In: -8.154+/-0.151 χ^2/NDF:10758.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.169+/-0.086 χ^2/NDF: 34660.7/7



Right In: 4.881+/-0.321 χ^2/NDF: 791.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.859+/-0.242 χ^2/NDF: 1824.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

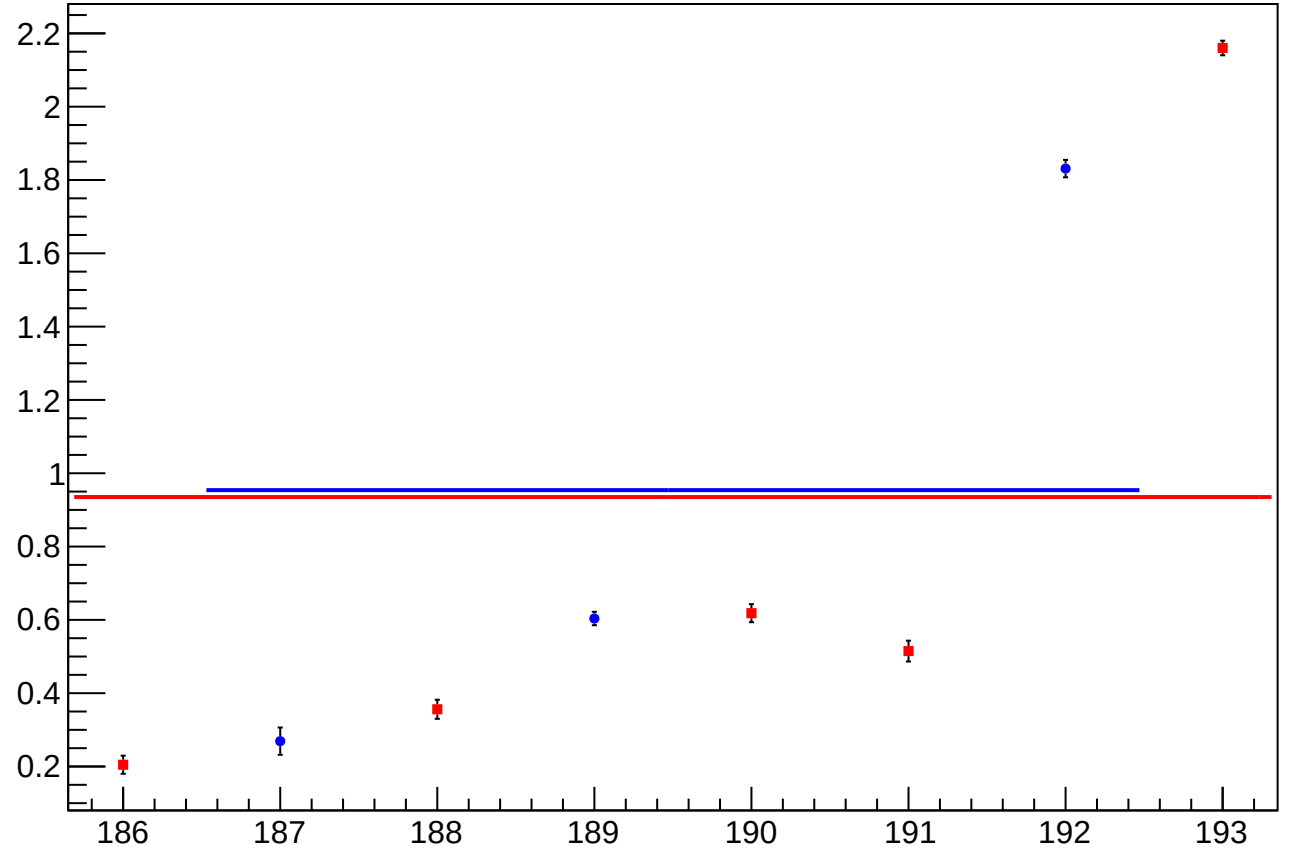
Right: 5.506+/-0.193 χ^2/NDF: 2621.7/7

In: 4.881+/-0.321 χ^2/NDF:791.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.506+/-0.193 χ^2/NDF: 2621.7/7

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.954+/-0.014 χ^2/NDF: 2054.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.935+/-0.011 χ^2/NDF: 5526.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

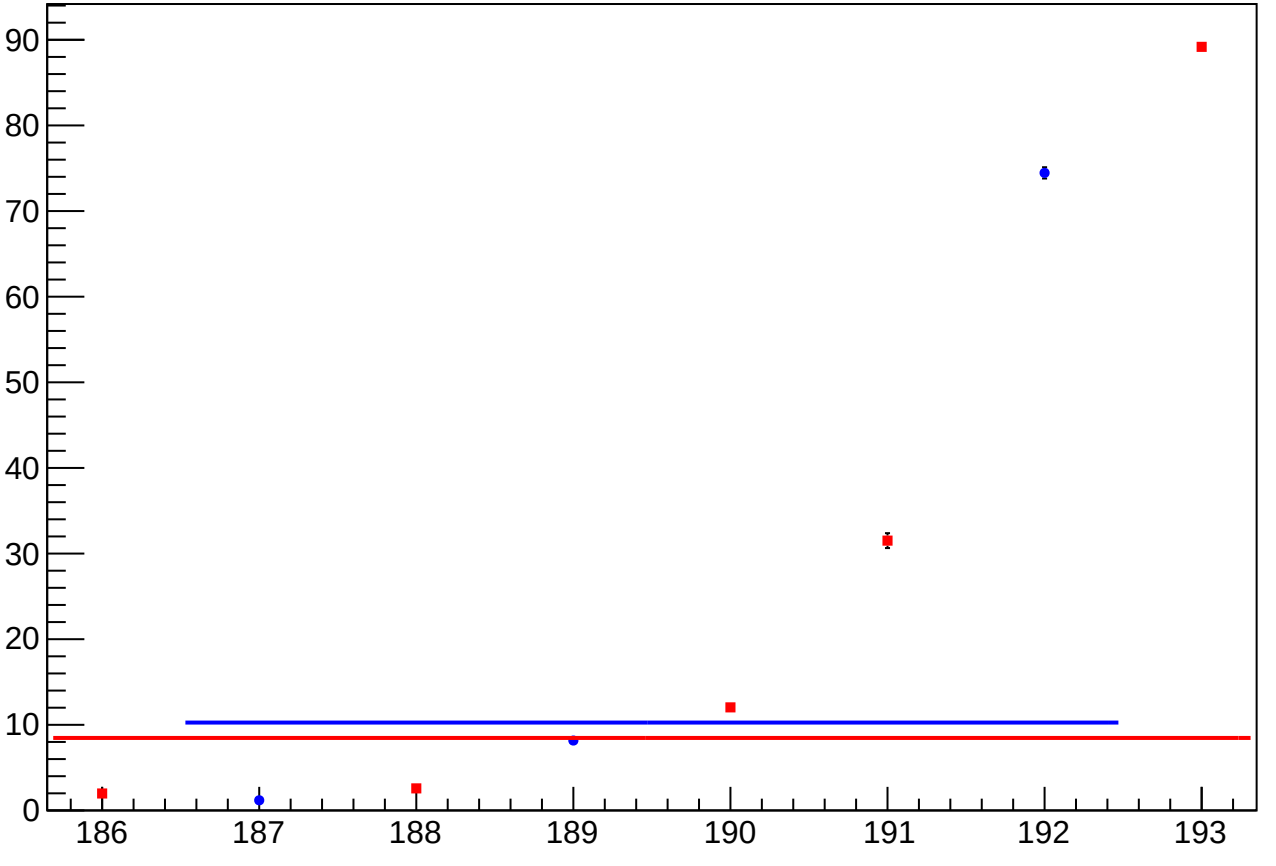
Right: 0.942+/-0.008 χ^2/NDF: 7582.0/7

In: 0.954+/-0.014 χ^2/NDF:2054.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.942+/-0.008 χ^2/NDF: 7582.0/7

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.264+/-0.181 χ^2/NDF: 10586.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.468+/-0.127 χ^2/NDF: 23415.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

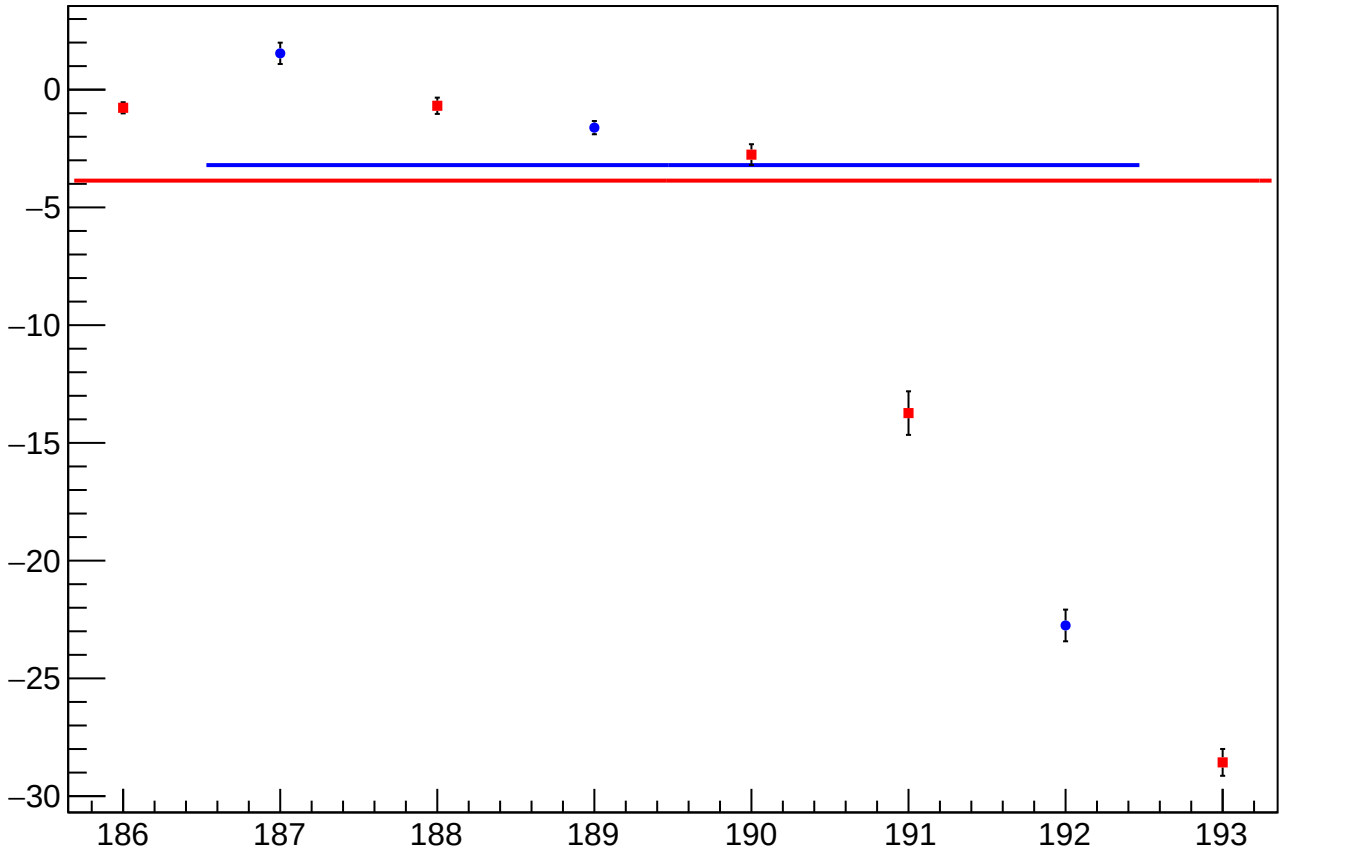
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9.062+/-0.104 χ^2/NDF: 34067.4/7

In: 10.264+/-0.181 χ^2/NDF:10586.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.062+/-0.104 χ^2/NDF: 34067.4/7



Right In: -3.204+/-0.225 χ^2/NDF: 985.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.863+/-0.167 χ^2/NDF: 2257.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

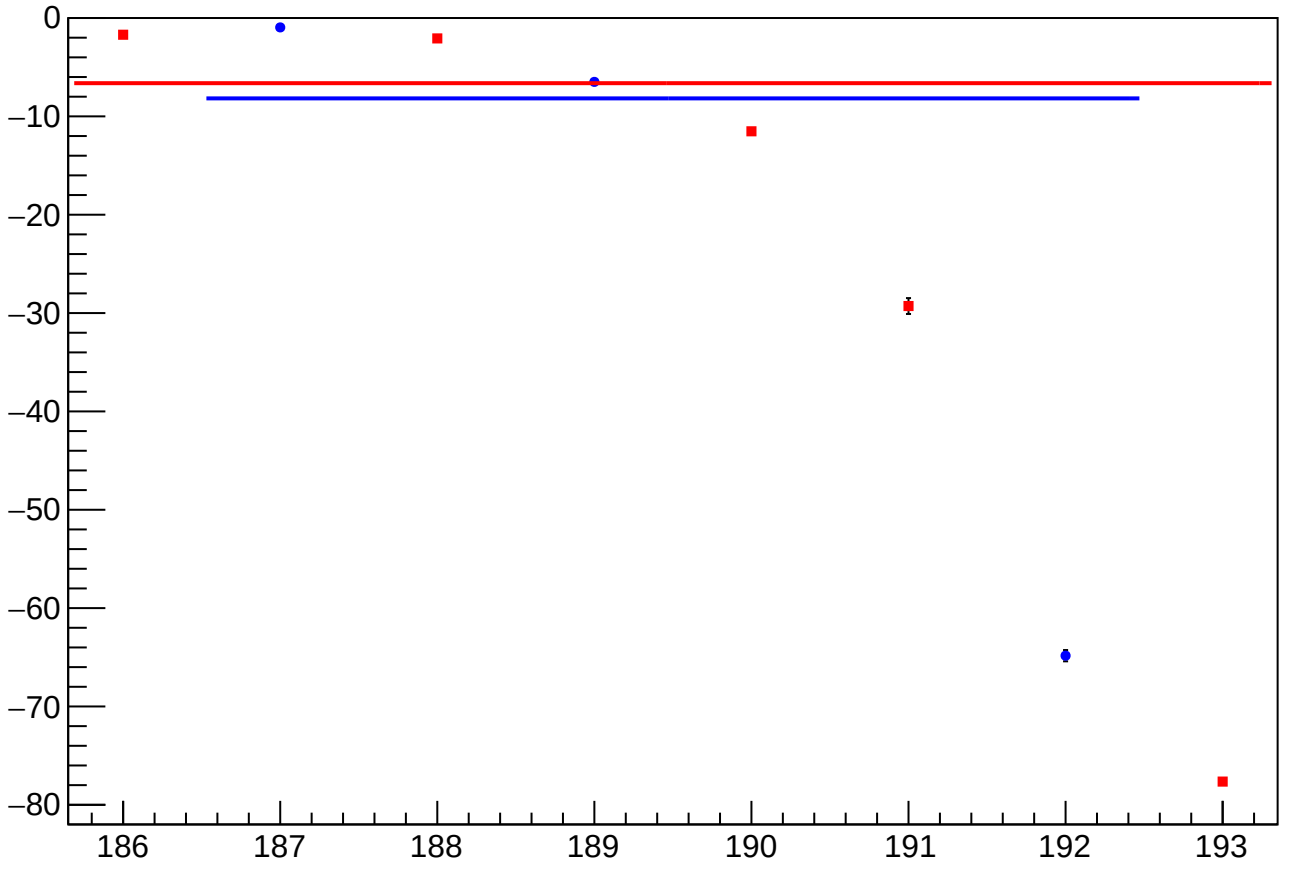
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.628+/-0.134 χ^2/NDF: 3248.7/7

In: -3.204+/-0.225 χ^2/NDF:985.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.628+/-0.134 χ^2/NDF: 3248.7/7



Right In: -8.173+/-0.151 χ^2/NDF: 10774.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.626+/-0.105 χ^2/NDF: 23871.6/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

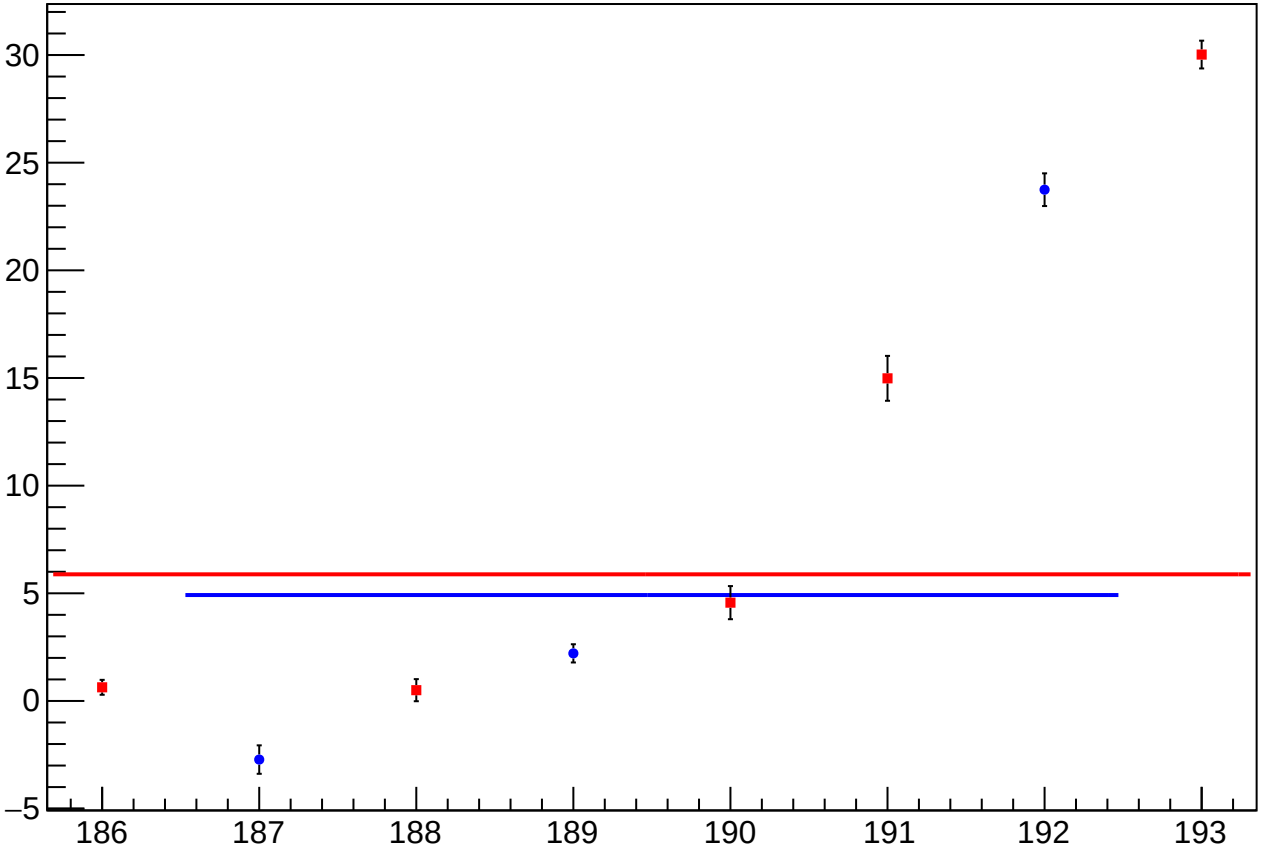
Right: -7.127+/-0.086 χ^2/NDF: 34716.7/7

In: -8.173+/-0.151 χ^2/NDF:10774.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.127+/-0.086 χ^2/NDF: 34716.7/7

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.919+/-0.323 χ^2/NDF: 789.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.882+/-0.242 χ^2/NDF: 1818.2/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

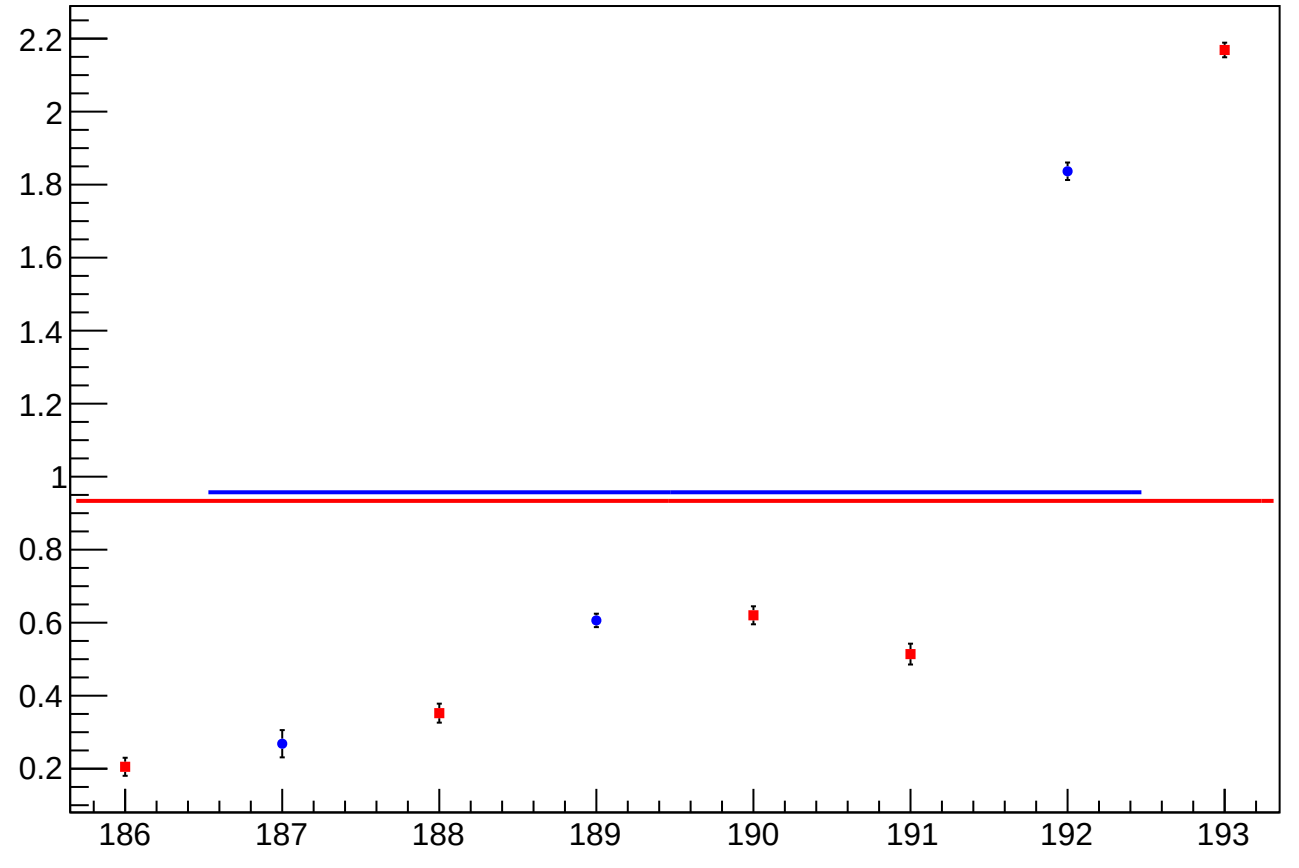
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.536+/-0.193 χ^2/NDF: 2613.0/7

In: 4.919+/-0.323 χ^2/NDF:789.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.536+/-0.193 χ^2/NDF: 2613.0/7



Right In: 0.957+/-0.014 χ^2/NDF: 2052.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.934+/-0.011 χ^2/NDF: 5553.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

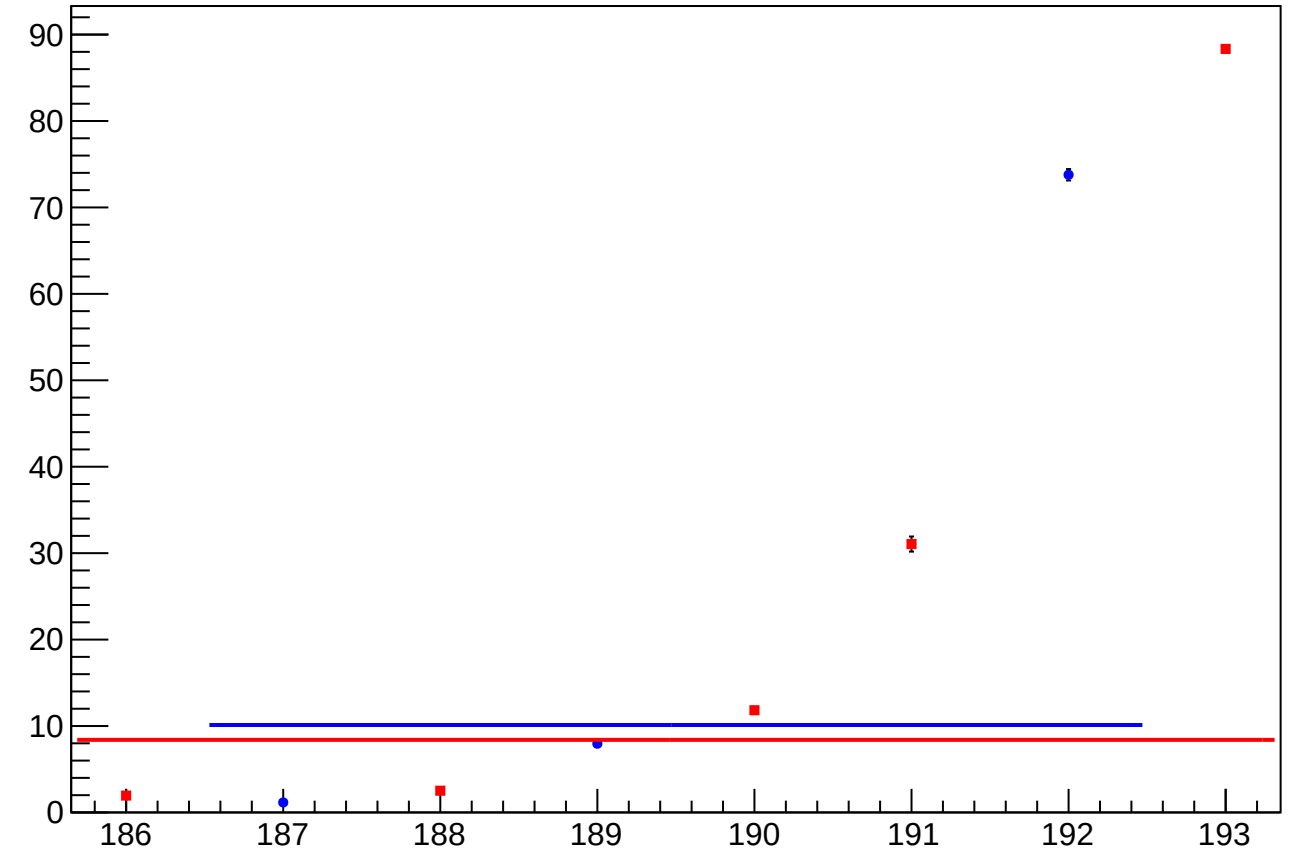
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.943+/-0.008 χ^2/NDF: 7607.5/7

In: 0.957+/-0.014 χ^2/NDF:2052.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.943+/-0.008 χ^2/NDF: 7607.5/7



Right In: 10.118+/-0.181 χ^2/NDF: 10347.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.400+/-0.128 χ^2/NDF: 22905.0/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

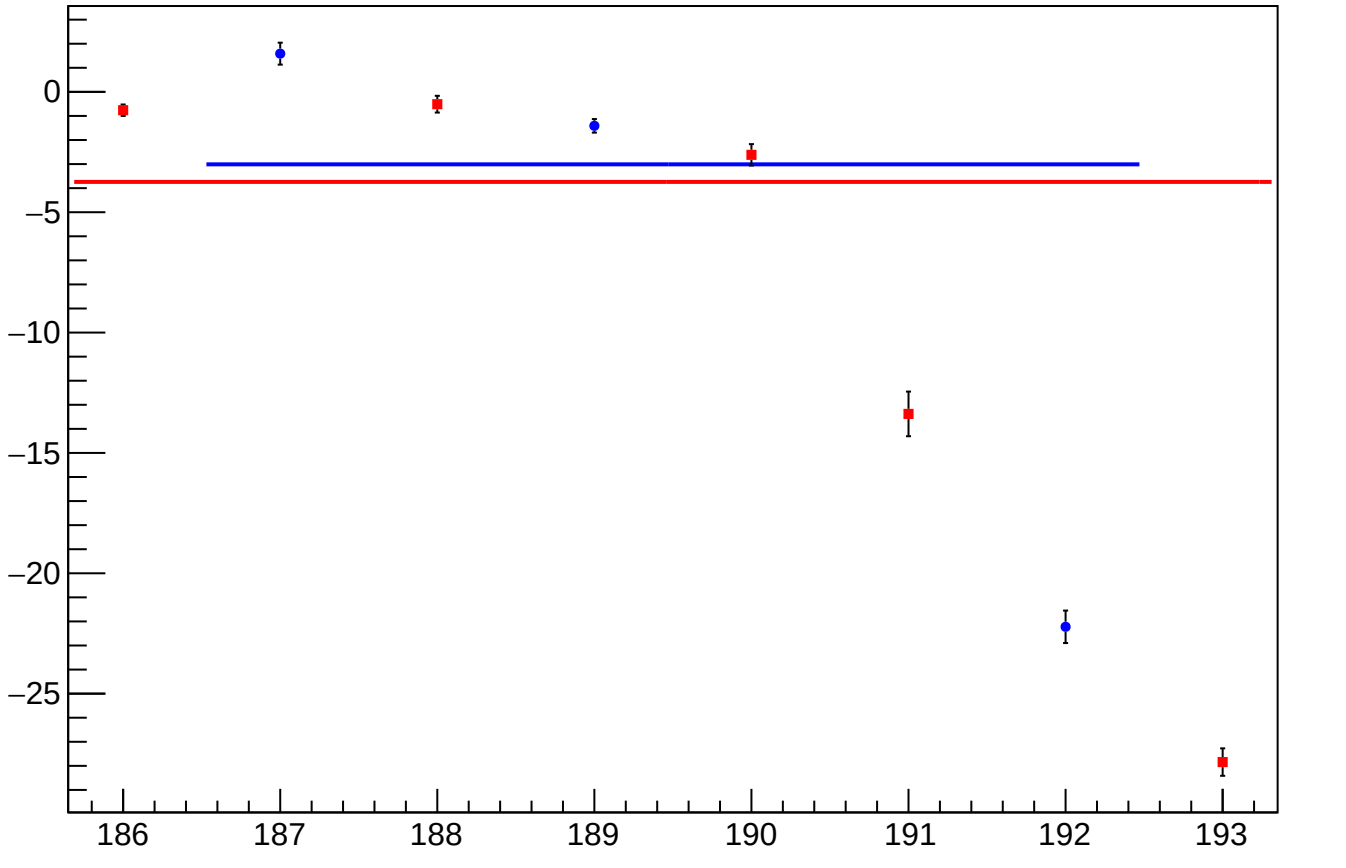
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.970+/-0.104 χ^2/NDF: 33312.3/7

In: 10.118+/-0.181 χ^2/NDF:10347.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.970+/-0.104 χ^2/NDF: 33312.3/7



Right In: -3.011+/-0.226 χ^2/NDF: 945.3/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.740+/-0.168 χ^2/NDF: 2144.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

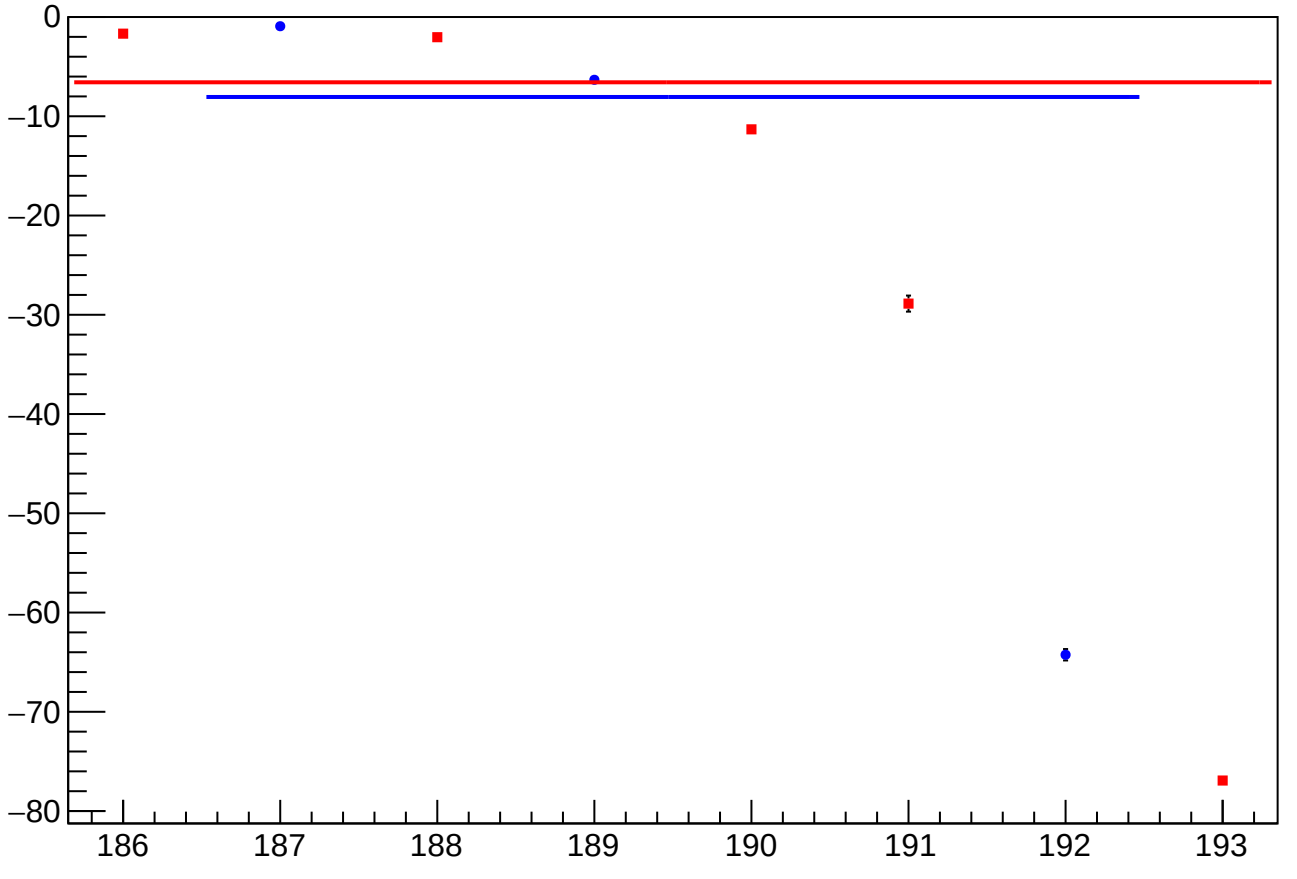
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.480+/-0.135 χ^2/NDF: 3096.9/7

In: -3.011+/-0.226 χ^2/NDF:945.3/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.480+/-0.135 χ^2/NDF: 3096.9/7



Right In: -8.056+/-0.152 χ^2/NDF: 10534.0/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.577+/-0.105 χ^2/NDF: 23356.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

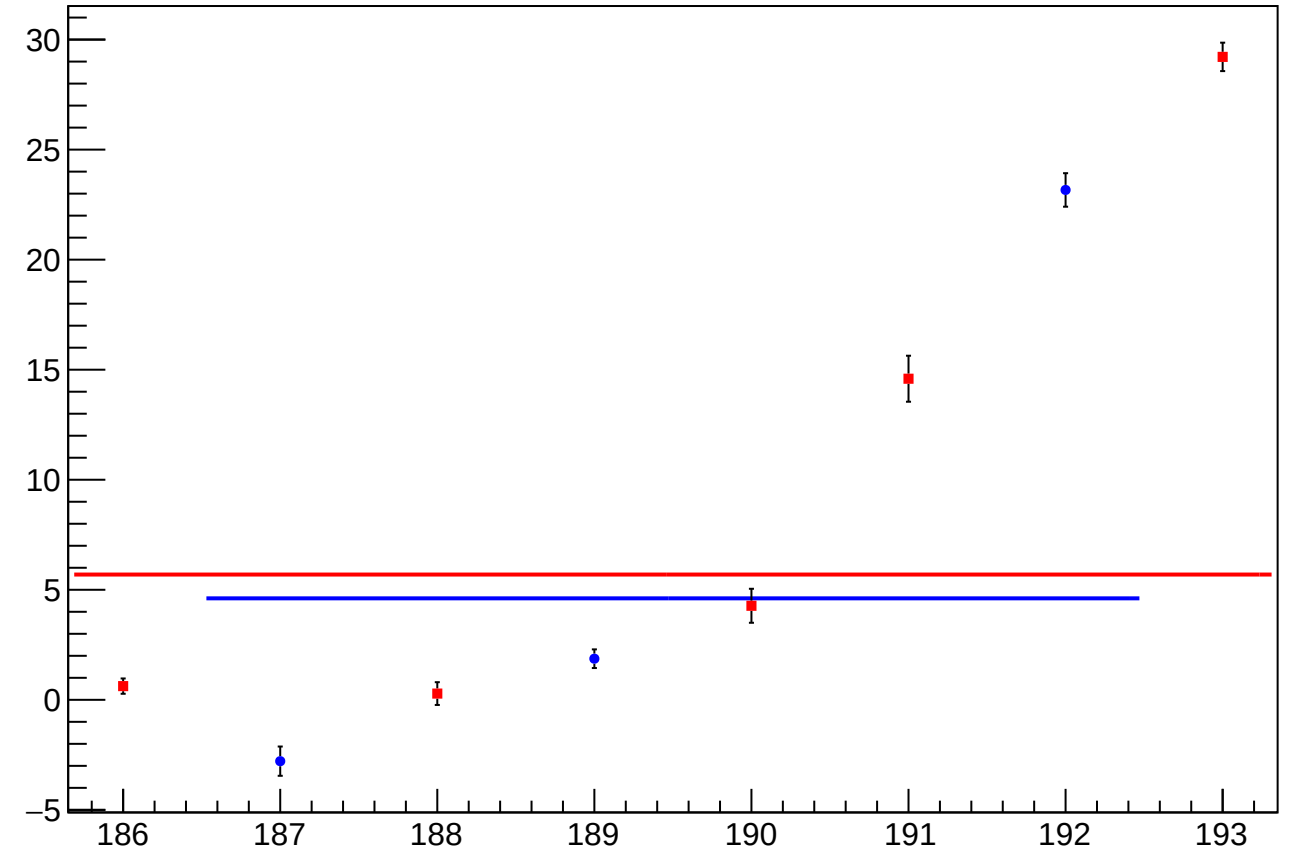
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.058+/-0.087 χ^2/NDF: 33954.4/7

In: -8.056+/-0.152 χ^2/NDF:10534.0/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.058+/-0.087 χ^2/NDF: 33954.4/7



Right In: 4.611+/-0.323 χ^2/NDF: 759.5/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.692+/-0.243 χ^2/NDF: 1723.7/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

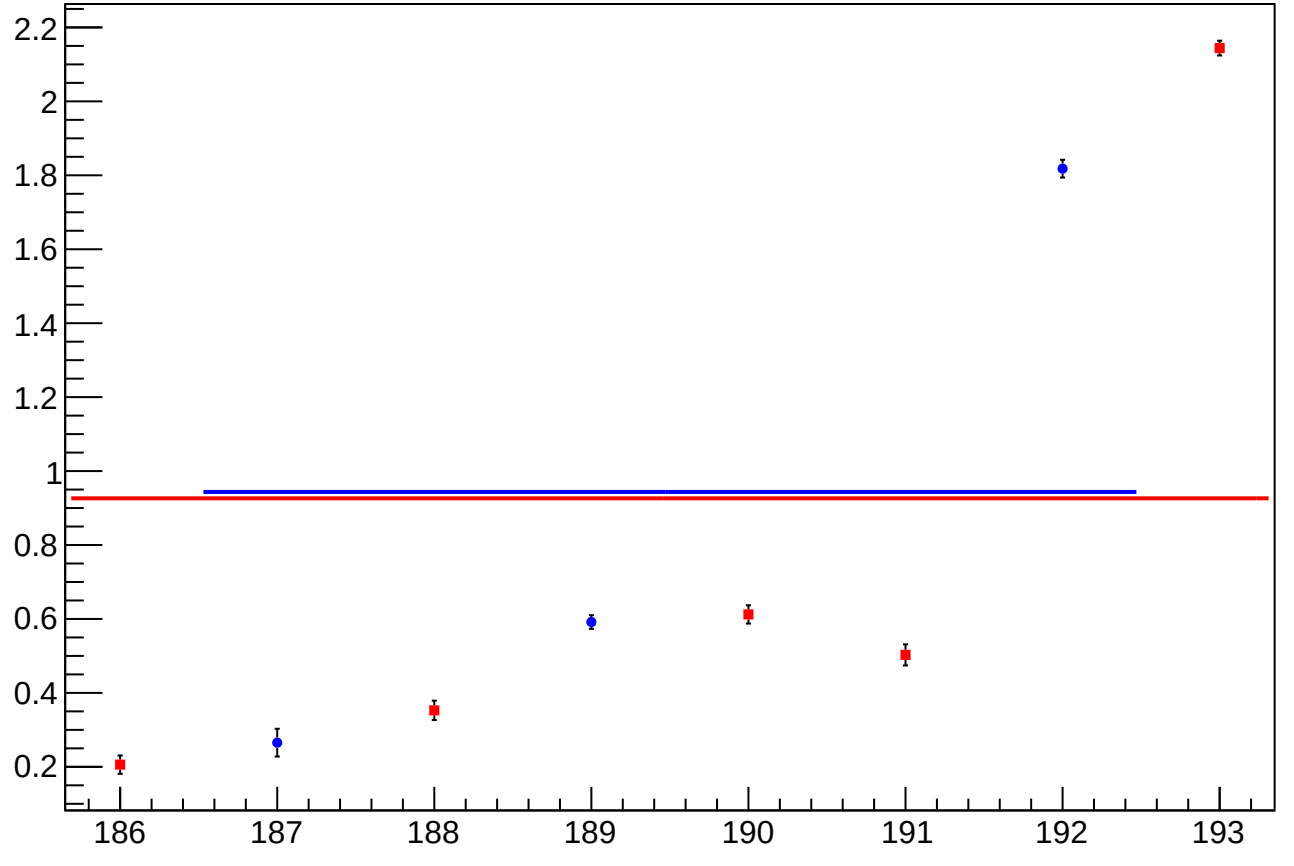
Right: 5.303+/-0.194 χ^2/NDF: 2490.4/7

In: 4.611+/-0.323 χ^2/NDF:759.5/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.303+/-0.194 χ^2/NDF: 2490.4/7

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.944+/-0.014 χ^2/NDF: 2015.9/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.926+/-0.011 χ^2/NDF: 5392.4/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

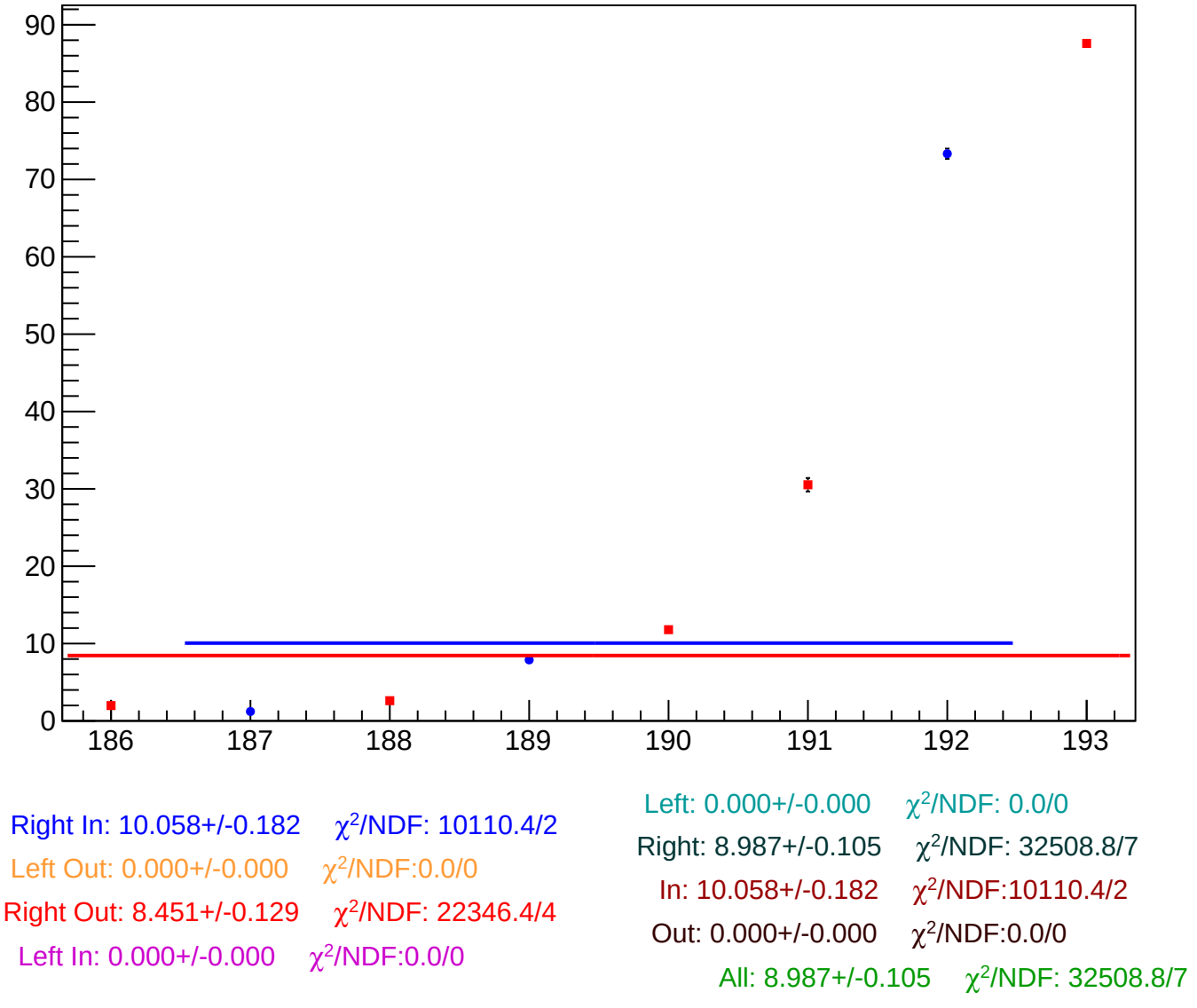
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.933+/-0.009 χ^2/NDF: 7409.3/7

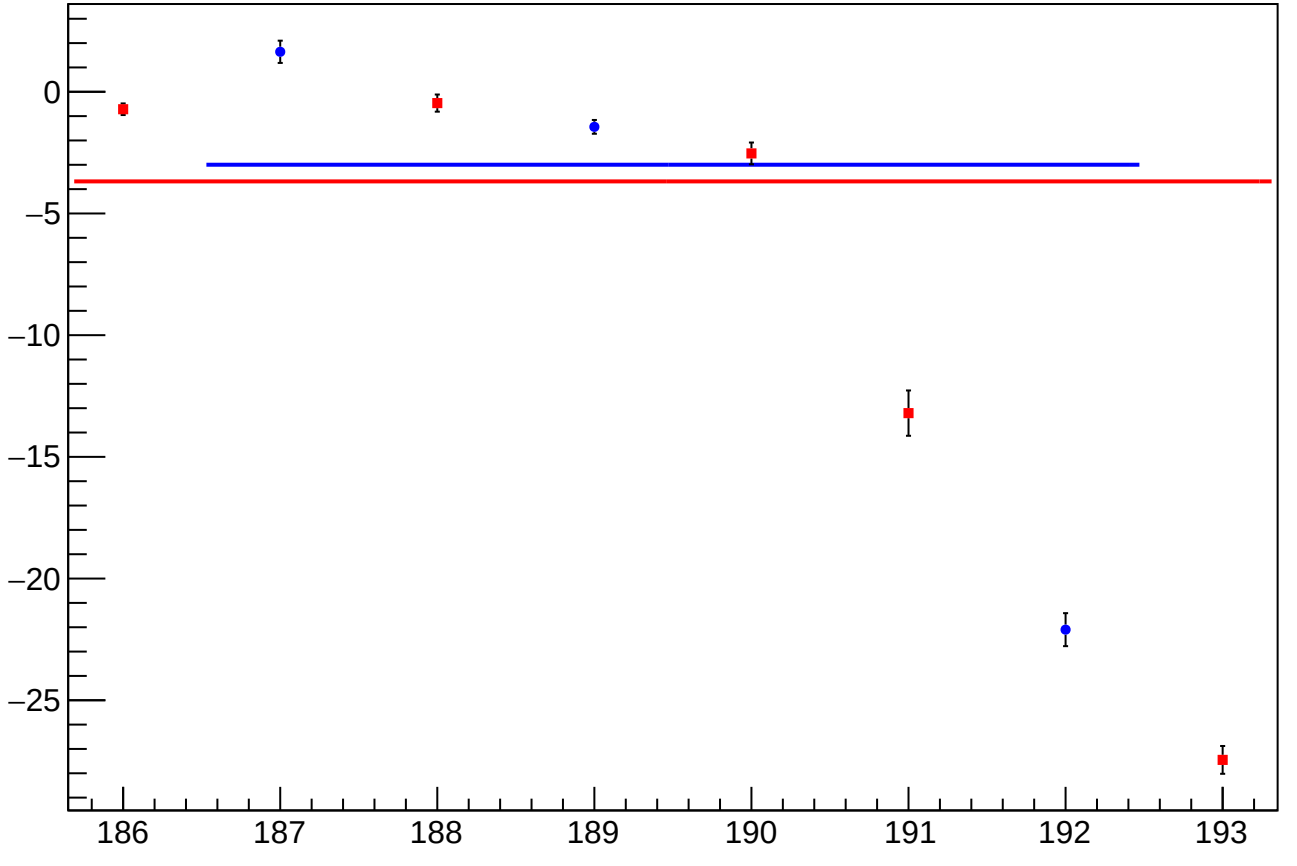
In: 0.944+/-0.014 χ^2/NDF:2015.9/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.933+/-0.009 χ^2/NDF: 7409.3/7


reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected
90
80
70
60
50
40
30
20
10
0
186
187
188
189
190
191
192
193
Right In: 10.058+/-0.182 χ²/NDF: 10110.4/2
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 8.451+/-0.129 χ²/NDF: 22346.4/4
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 8.987+/-0.105 χ²/NDF: 32508.8/7
In: 10.058+/-0.182 χ²/NDF:10110.4/2
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 8.987+/-0.105 χ²/NDF: 32508.8/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.997+/-0.227 χ^2/NDF: 927.2/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.682+/-0.169 χ^2/NDF: 2080.1/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

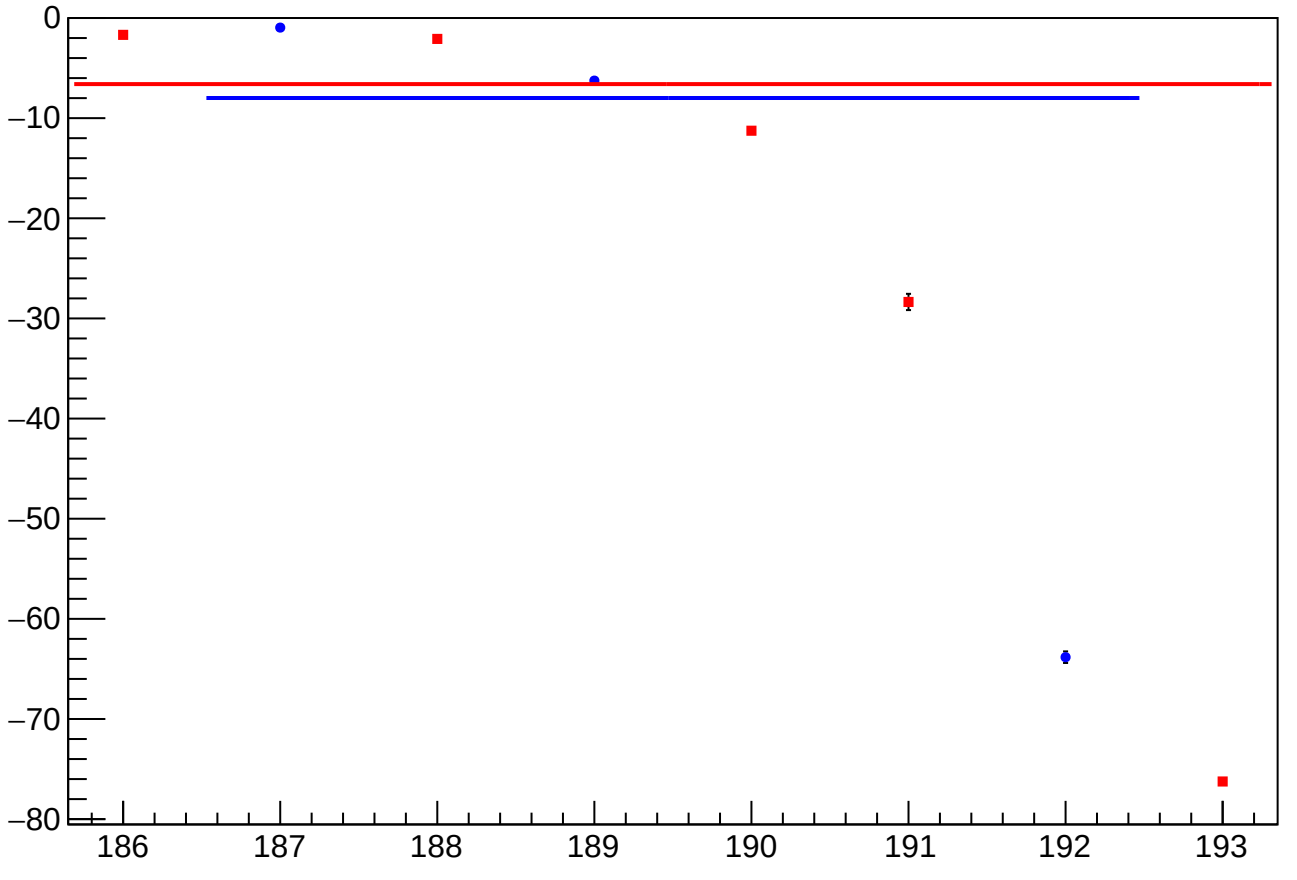
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.437+/-0.136 χ^2/NDF: 3013.2/7

In: -2.997+/-0.227 χ^2/NDF:927.2/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.437+/-0.136 χ^2/NDF: 3013.2/7



Right In: -7.988+/-0.152 χ^2/NDF: 10289.7/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.599+/-0.106 χ^2/NDF: 22786.3/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

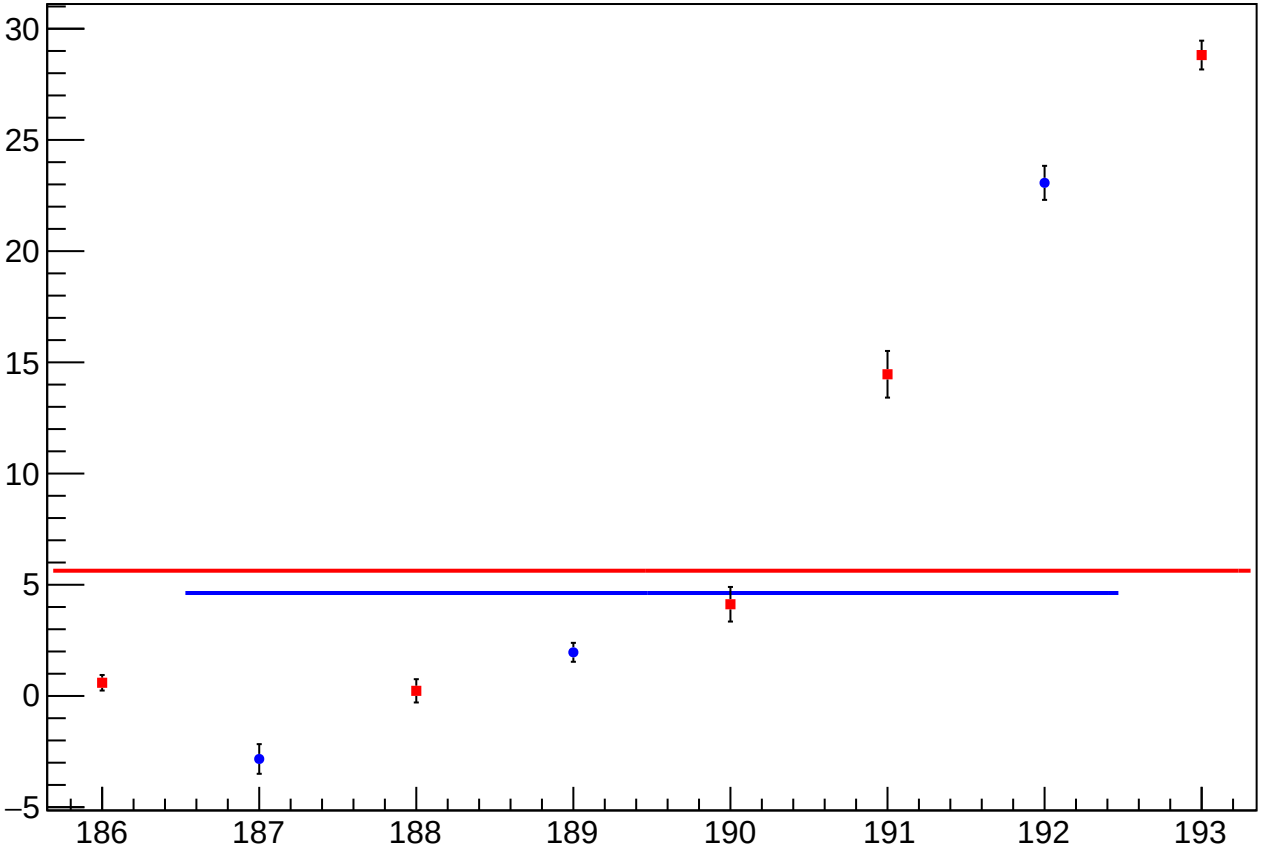
Right: -7.053+/-0.087 χ^2/NDF: 33132.0/7

In: -7.988+/-0.152 χ^2/NDF:10289.7/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.053+/-0.087 χ^2/NDF: 33132.0/7

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.630+/-0.325 χ^2/NDF: 745.1/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.632+/-0.244 χ^2/NDF: 1671.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

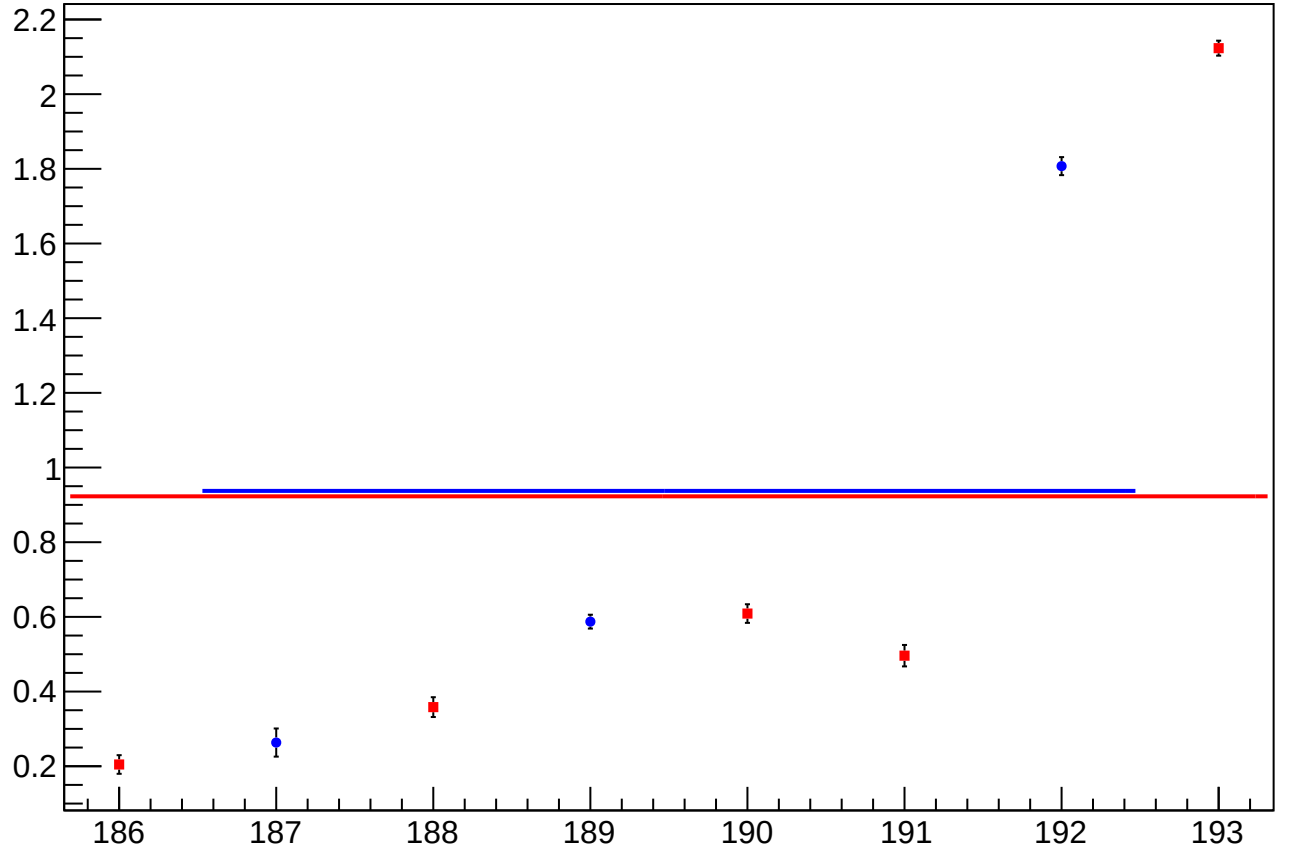
Right: 5.270+/-0.195 χ^2/NDF: 2423.1/7

In: 4.630+/-0.325 χ^2/NDF:745.1/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.270+/-0.195 χ^2/NDF: 2423.1/7

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.937+/-0.014 χ^2/NDF: 1975.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.923+/-0.011 χ^2/NDF: 5233.9/4

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.929+/-0.009 χ^2/NDF: 7210.0/7

In: 0.937+/-0.014 χ^2/NDF:1975.4/2

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.929+/-0.009 χ^2/NDF: 7210.0/7