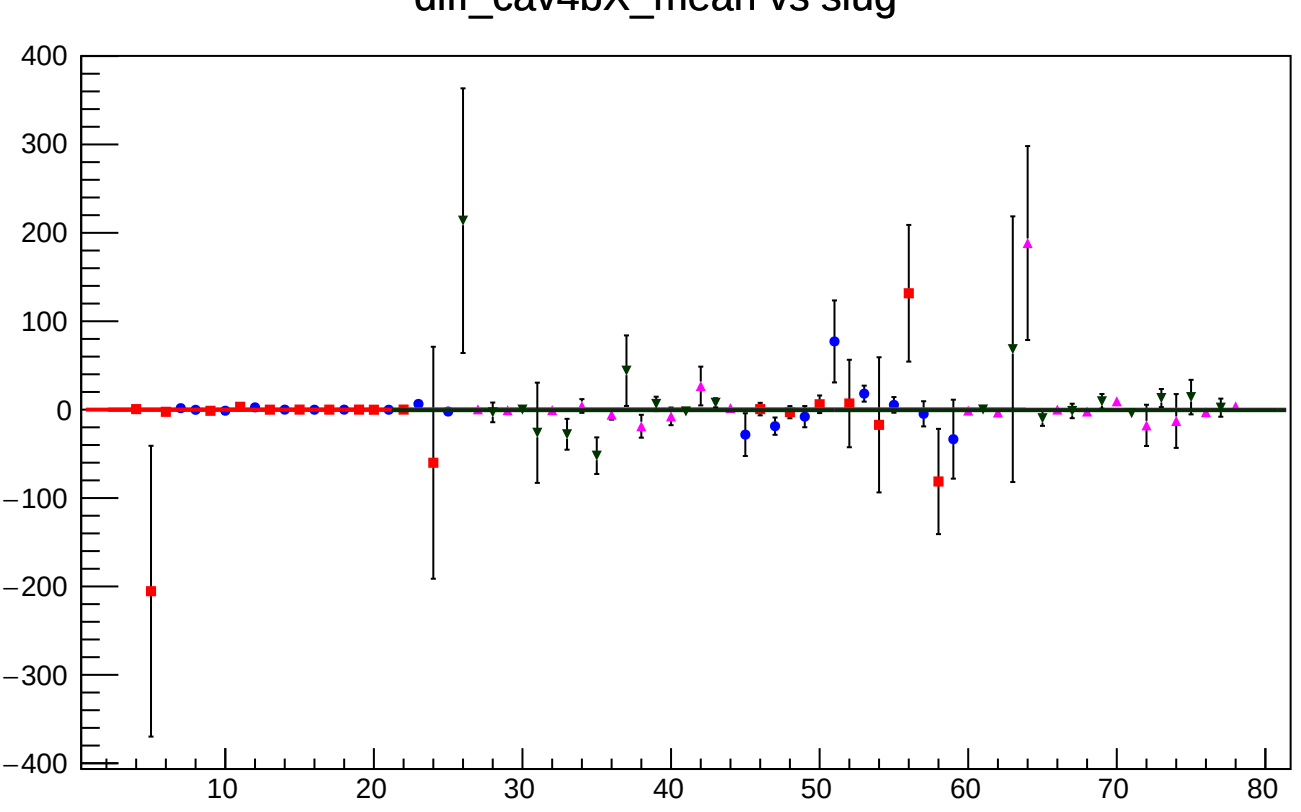


Right In: -0.014+/-0.014 χ^2/NDF: 31.2/17

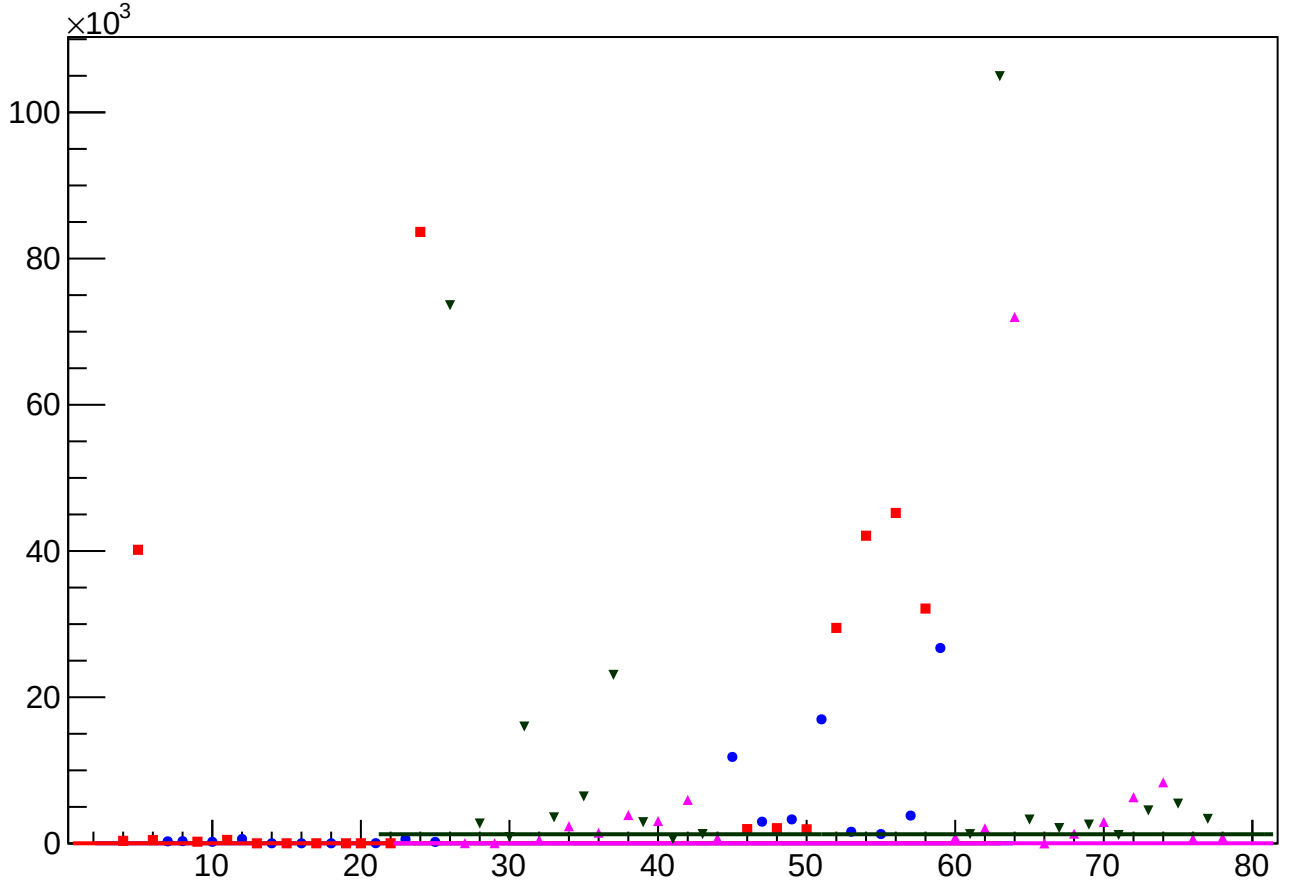
Left Out: -0.589+/-1.121 χ^2/NDF:22.5/18

Right Out: 0.017+/-0.016 χ^2/NDF: 24.7/18

Left In: 0.072+/-0.073 χ^2/NDF:29.1/18

-0.014+/-0.014 χ^2/NDF: 54.0/36

0.019+/-0.016 χ^2/NDF: 54.3/37



Right In: 22.429+/-0.010 χ^2/NDF: 2804434.6/17

Left Out: 1258.978+/-0.793 χ^2/NDF:3226101.6/18

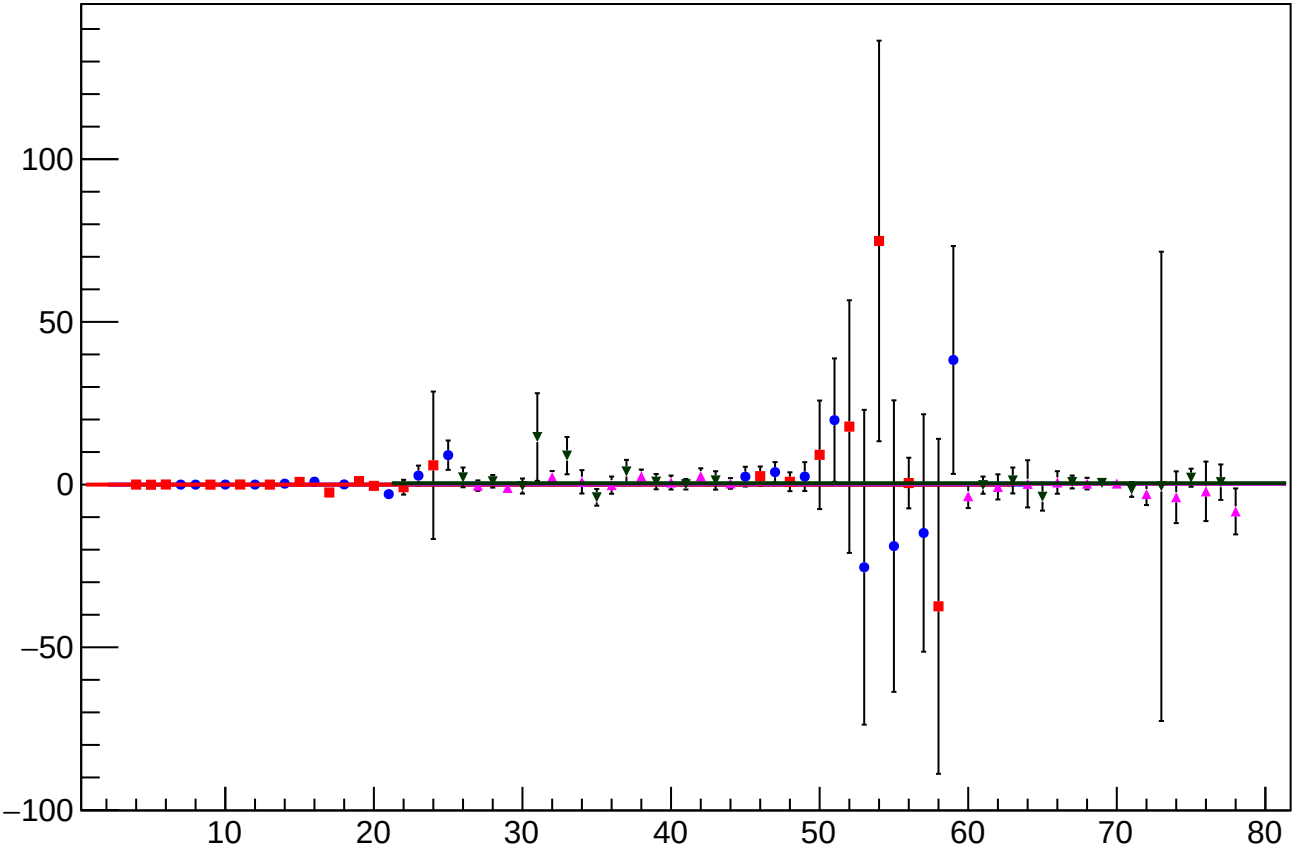
Right Out: 22.611+/-0.011 χ^2/NDF: 4395534.2/18

Left In: 25.715+/-0.051 χ^2/NDF:5233998.7/18

22.631+/-0.010 χ^2/NDF: 8464663.9/36

22.756+/-0.011 χ^2/NDF: 9632996.4/37

diff_cav4bY_mean vs slug



Right In: -0.001+/-0.006 χ^2/NDF: 23.6/17

Left Out: 0.412+/-0.589 χ^2/NDF:10.1/18

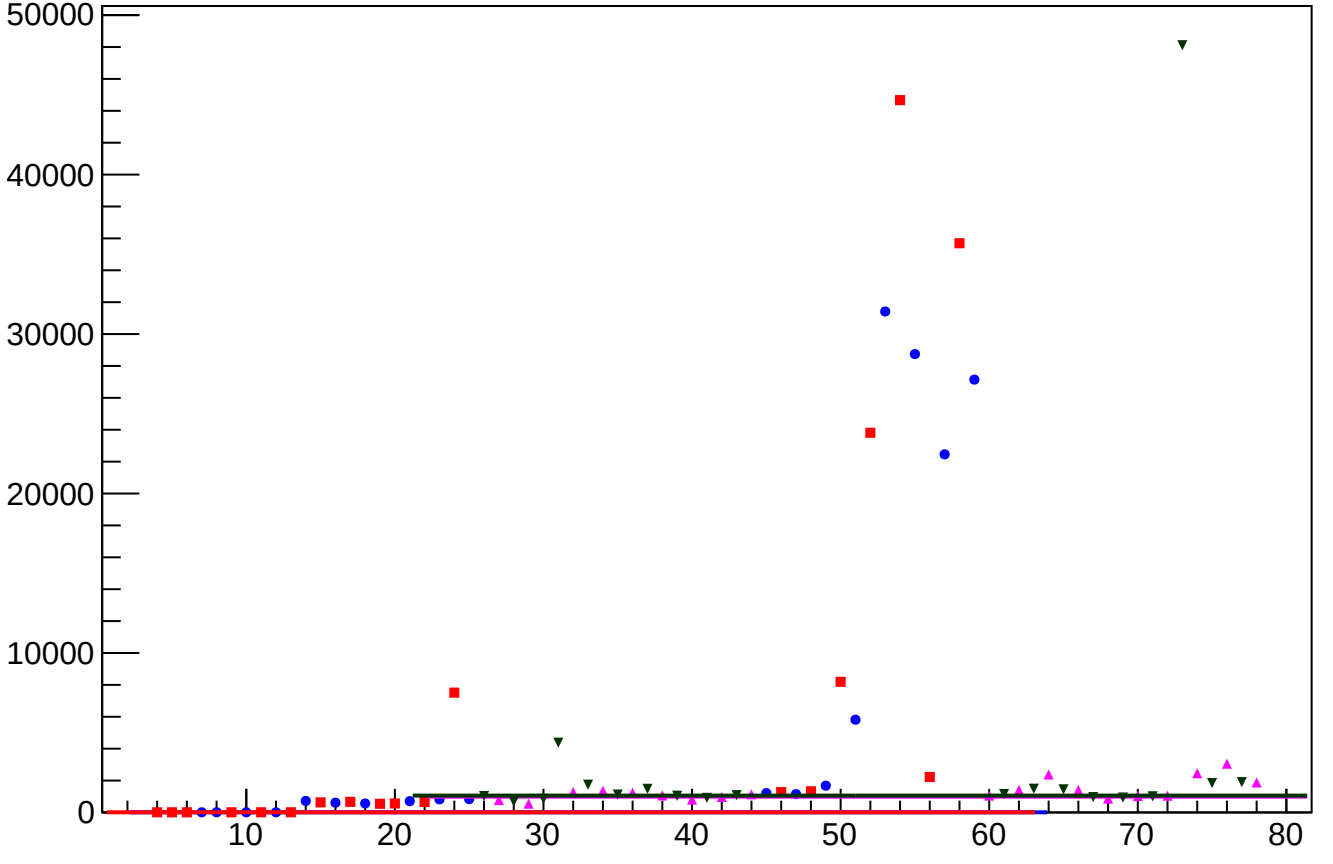
Right Out: 0.002+/-0.005 χ^2/NDF: 20.3/18

Left In: 0.224+/-0.526 χ^2/NDF:8.3/18

-0.001+/-0.006 χ^2/NDF: 34.2/36

0.002+/-0.005 χ^2/NDF: 28.8/37

diff_cav4bY_rms vs slug



Right In: 10.507+/-0.005 χ^2/NDF: 8959205.7/17

Left Out: 1057.493+/-0.417 χ^2/NDF:1410175.6/18

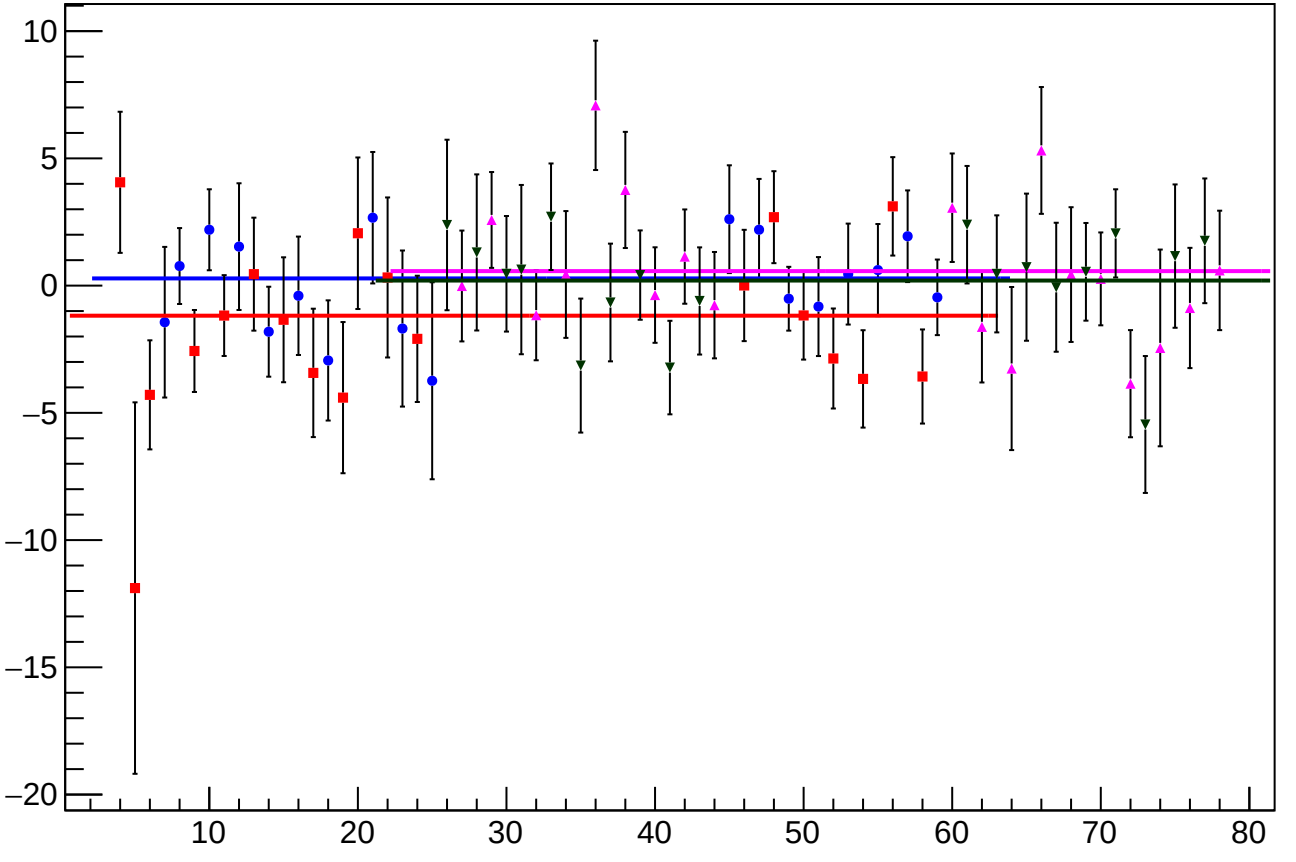
Right Out: 10.086+/-0.004 χ^2/NDF: 6750125.6/18

Left In: 990.522+/-0.372 χ^2/NDF:708055.5/18

10.634+/-0.005 χ^2/NDF: 16682831.8/36

10.191+/-0.004 χ^2/NDF: 14416421.6/37

diff_cav4cX_mean vs slug



Right In: 0.283+/-0.455 χ^2/NDF: 11.8/17

Left Out: 0.199+/-0.529 χ^2/NDF:14.5/18

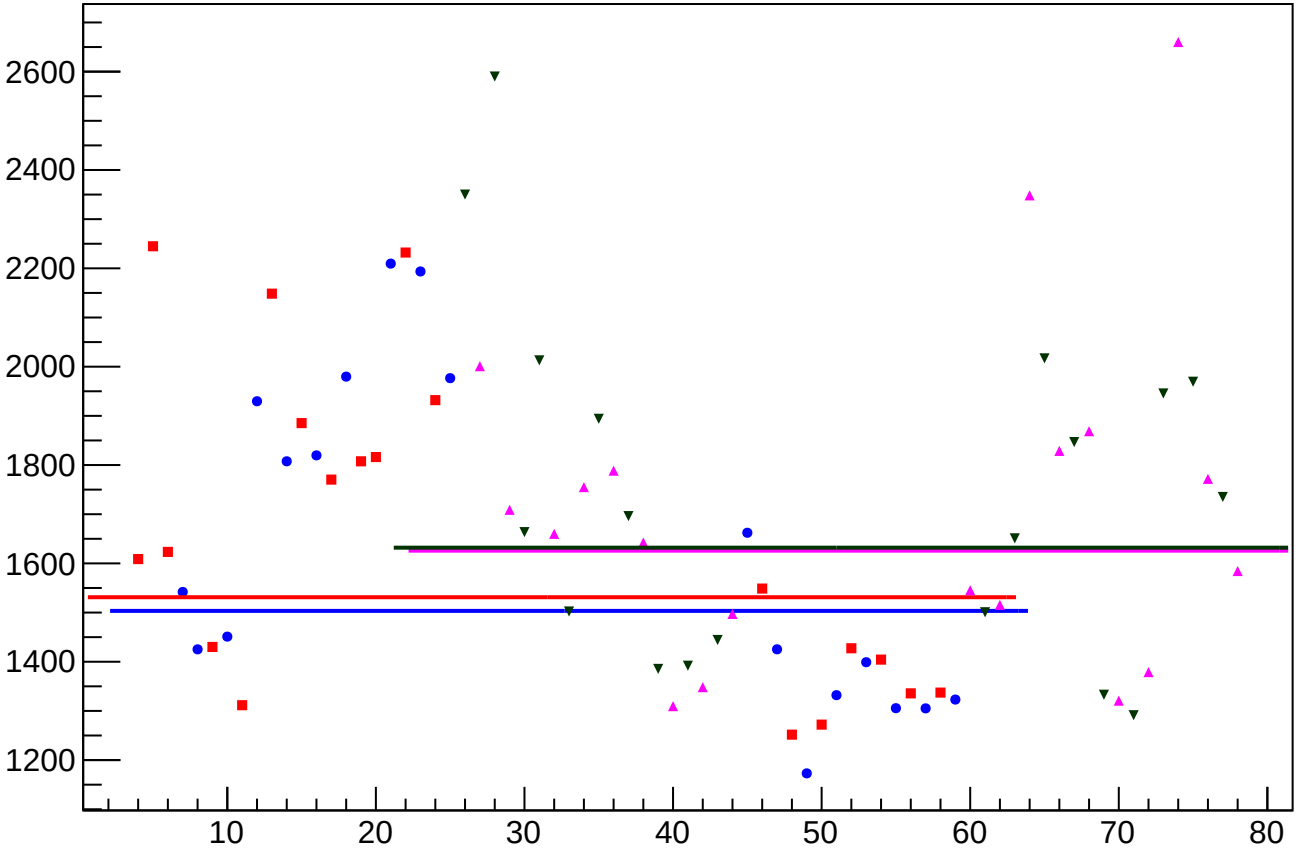
Right Out: -1.182+/-0.494 χ^2/NDF: 26.5/18

Left In: 0.570+/-0.506 χ^2/NDF:24.3/18

0.247+/-0.345 χ^2/NDF: 26.3/36

-0.328+/-0.353 χ^2/NDF: 57.0/37

diff_cav4cX_rms vs slug



Right In: 1503.404+/-0.322 χ^2/NDF: 776769.4/17

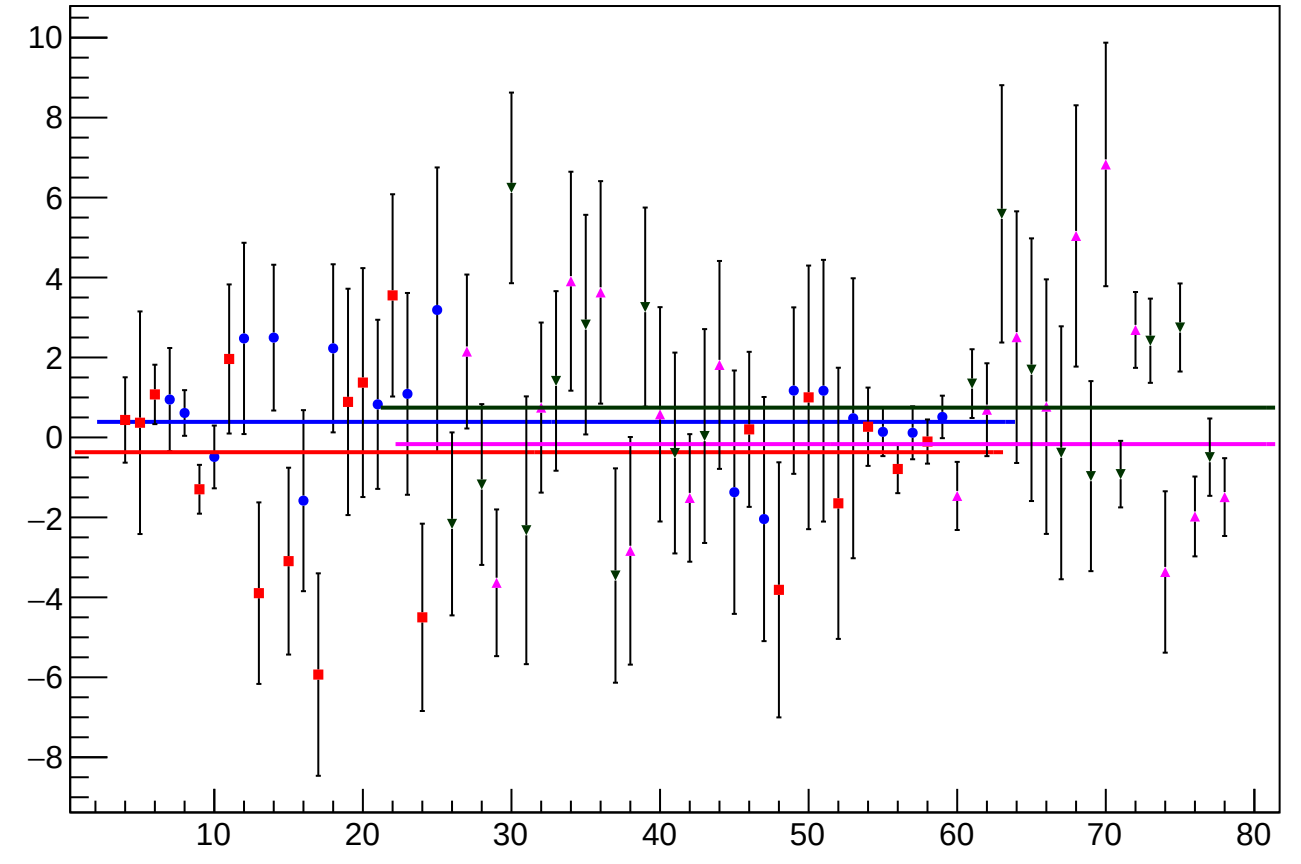
Left Out: 1631.960+/-0.374 χ^2/NDF:673873.4/18

Right Out: 1531.211+/-0.349 χ^2/NDF: 621310.9/18

Left In: 1625.883+/-0.358 χ^2/NDF:561482.3/18

1558.113+/-0.244 χ^2/NDF: 1518474.1/36

1577.386+/-0.250 χ^2/NDF: 1218670.6/37



Right In: 0.389+/-0.251 χ^2/NDF: 7.5/17

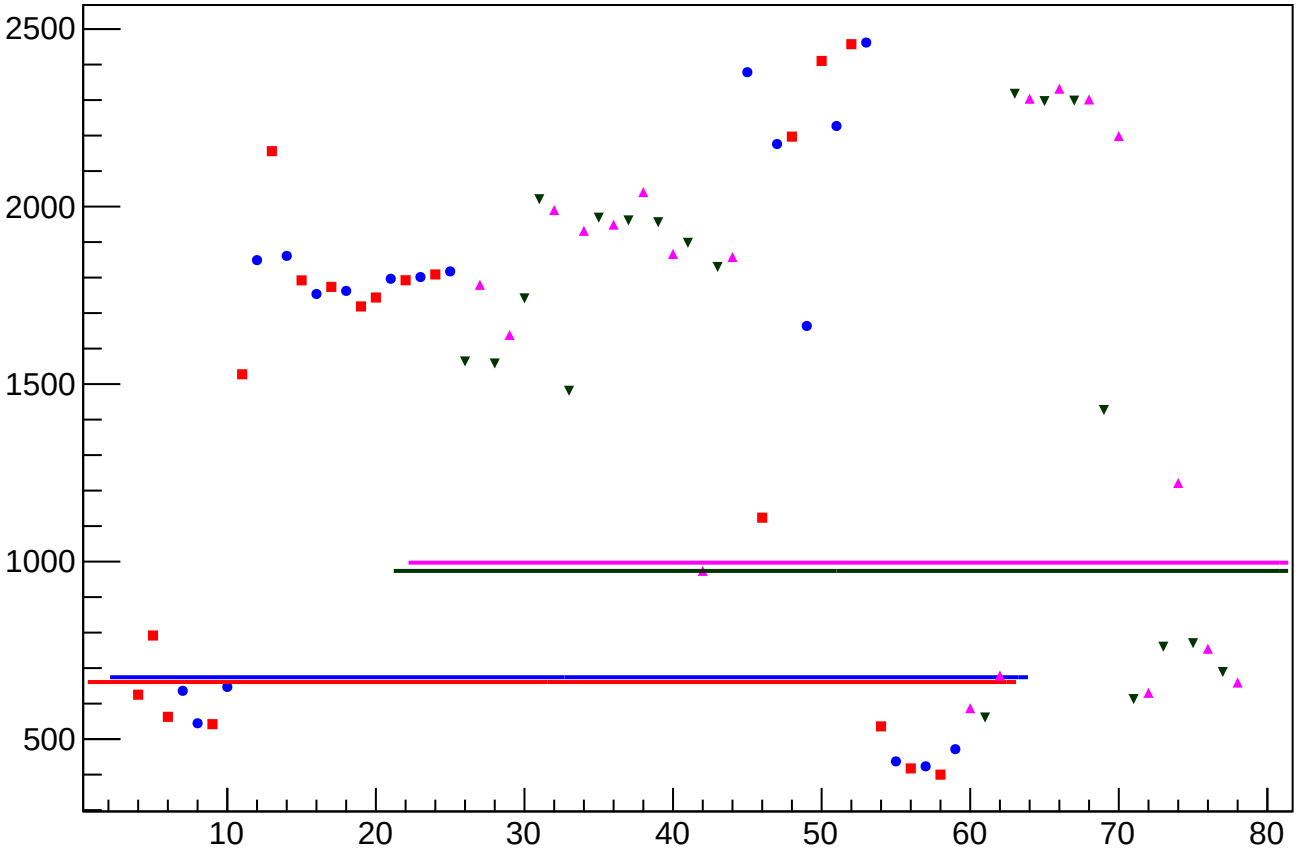
Left Out: 0.745+/-0.361 χ^2/NDF:28.0/18

Right Out: -0.369+/-0.263 χ^2/NDF: 25.7/18

Left In: -0.167+/-0.358 χ^2/NDF:39.7/18

0.506+/-0.206 χ^2/NDF: 36.2/36

-0.299+/-0.212 χ^2/NDF: 65.6/37



Right In: 674.323+/-0.178 χ^2/NDF: 7013232.4/17

Left Out: 973.777+/-0.255 χ^2/NDF:4384956.6/18

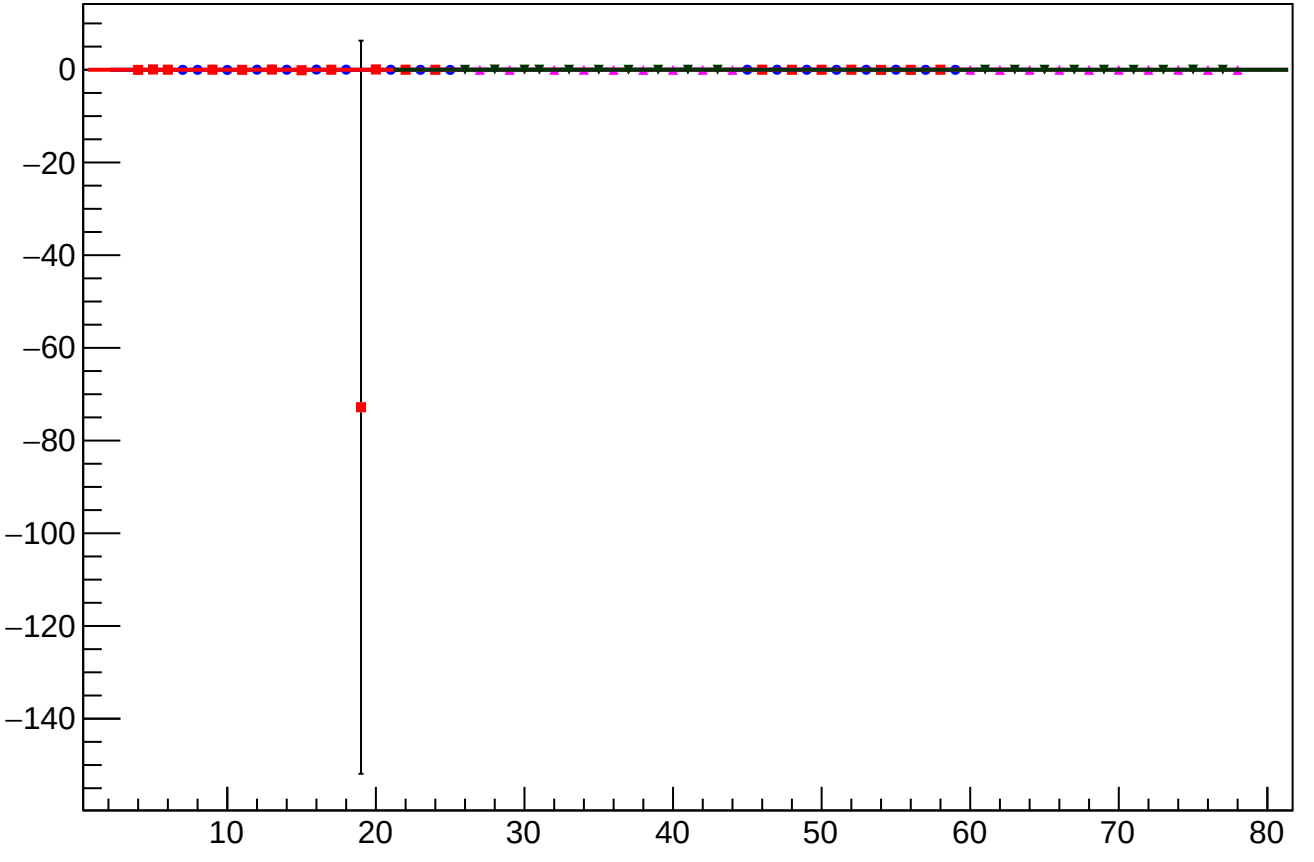
Right Out: 660.761+/-0.186 χ^2/NDF: 6222915.7/18

Left In: 996.992+/-0.253 χ^2/NDF:4798644.0/18

772.305+/-0.146 χ^2/NDF: 12325990.4/36

778.225+/-0.150 χ^2/NDF: 12167396.1/37

diff_cav4dX_mean vs slug



Right In: -0.000+/-0.004 χ^2/NDF: 11.9/17

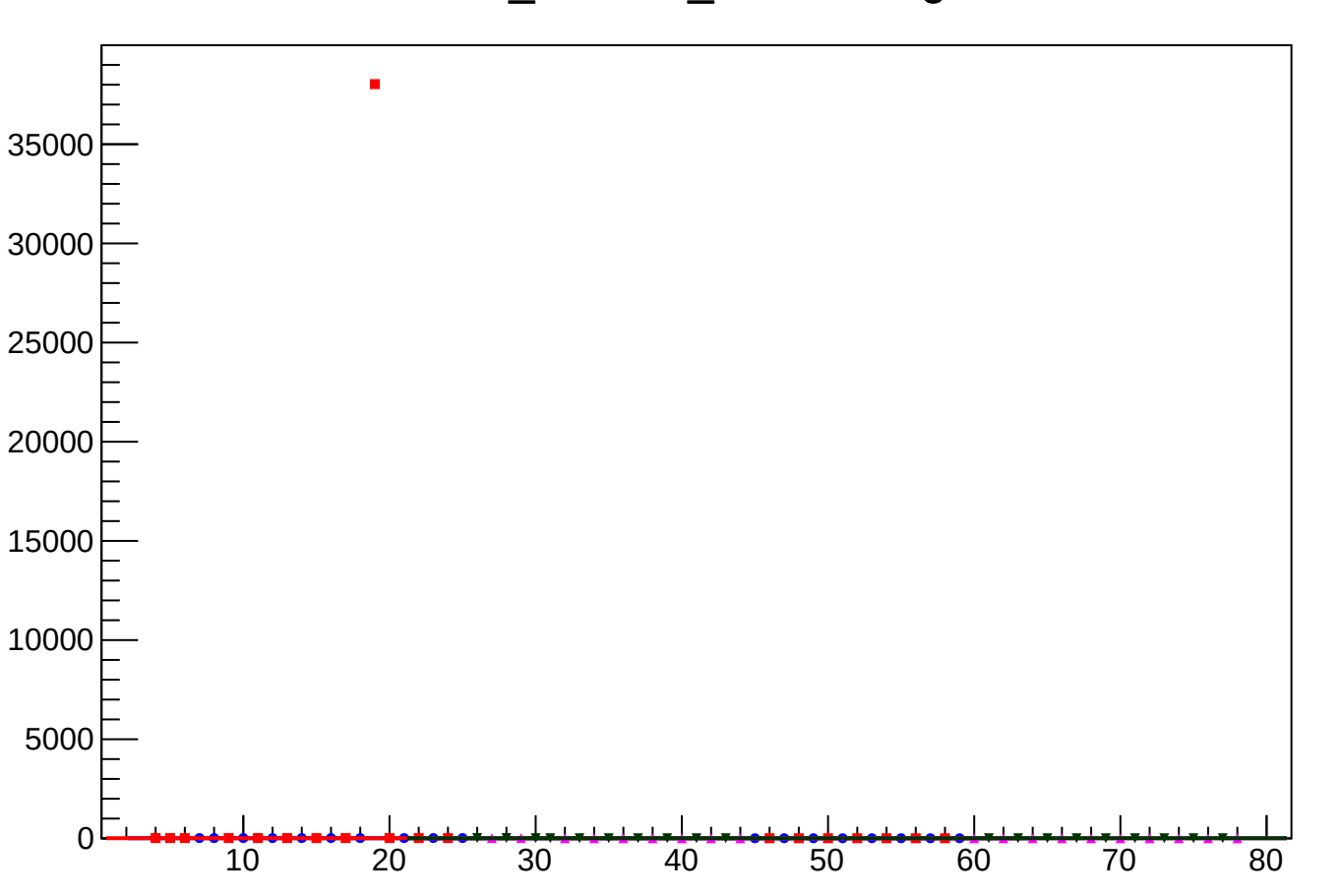
Left Out: 0.002+/-0.003 χ^2/NDF:15.3/18

Right Out: 0.002+/-0.004 χ^2/NDF: 20.0/18

Left In: 0.002+/-0.003 χ^2/NDF:10.2/18

0.001+/-0.002 χ^2/NDF: 27.3/36

0.002+/-0.002 χ^2/NDF: 30.2/37



Right In: 10.593+/-0.003 χ^2/NDF: 1953039.1/17

Left Out: 8.998+/-0.002 χ^2/NDF:618232.3/18

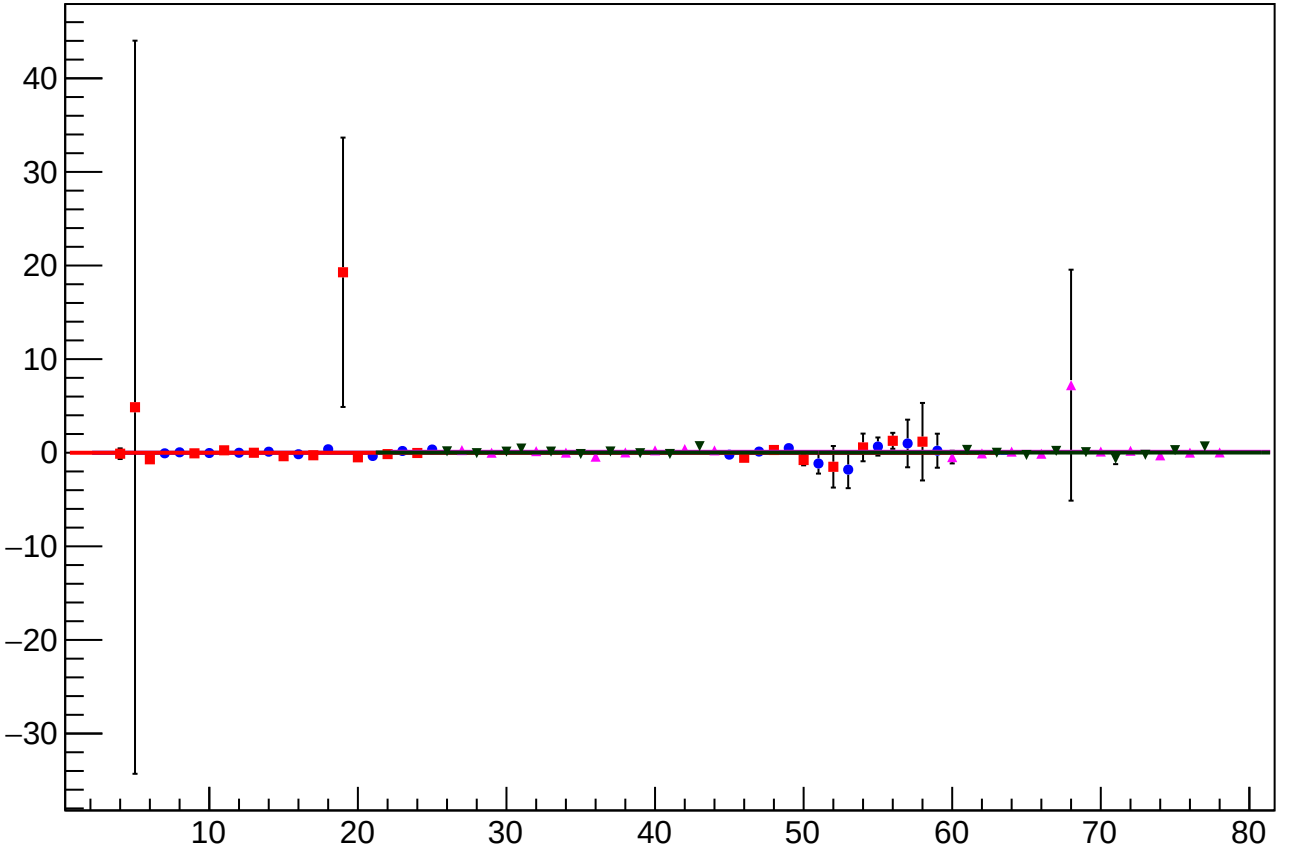
Right Out: 11.097+/-0.003 χ^2/NDF: 2257827.7/18

Left In: 9.003+/-0.002 χ^2/NDF:785070.1/18

9.634+/-0.002 χ^2/NDF: 2804302.2/36

9.684+/-0.002 χ^2/NDF: 3391542.6/37

diff_cav4dY_mean vs slug



Right In: -0.003+/-0.003 χ^2/NDF: 20.9/17

Left Out: 0.022+/-0.044 χ^2/NDF:26.0/18

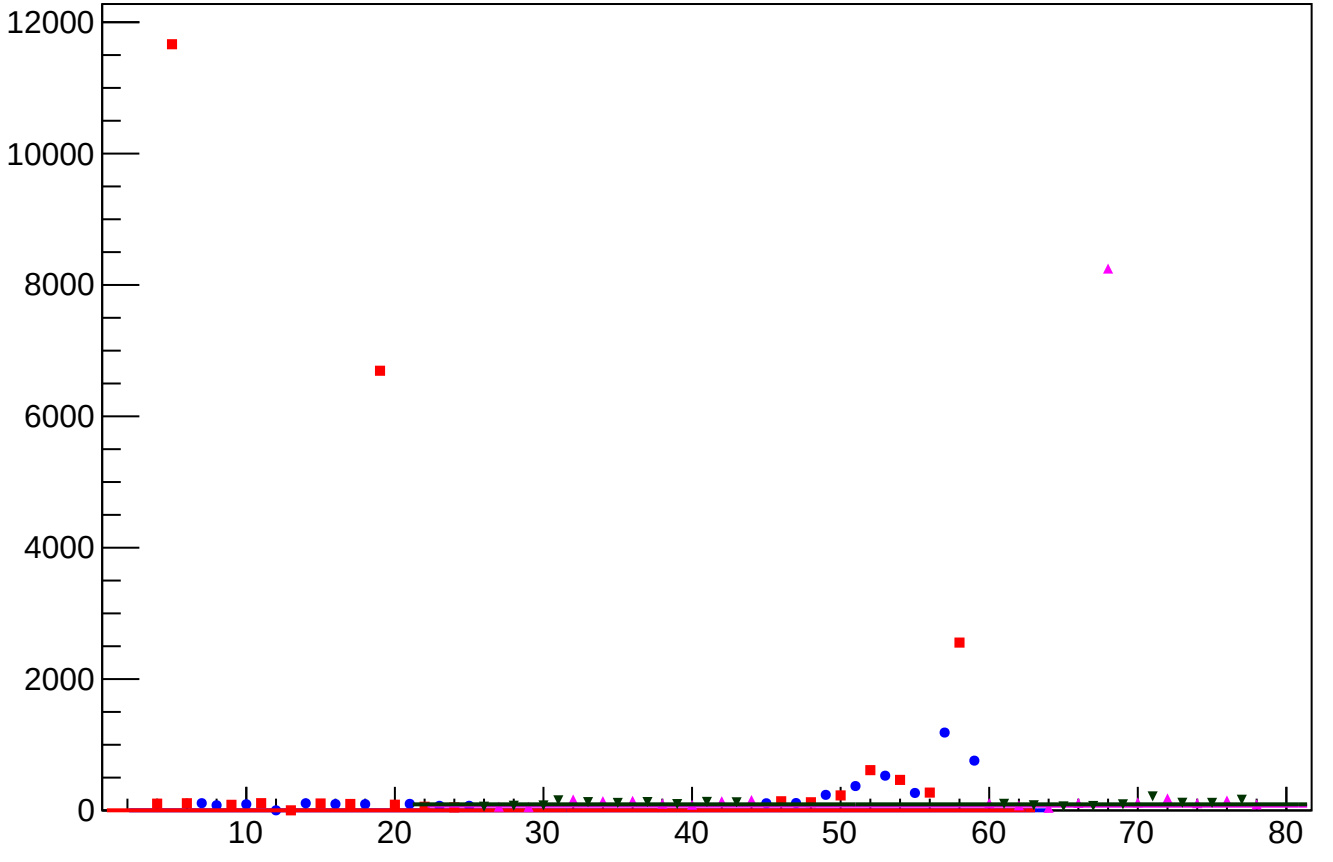
Right Out: -0.003+/-0.003 χ^2/NDF: 21.1/18

Left In: 0.099+/-0.037 χ^2/NDF:15.3/18

-0.003+/-0.003 χ^2/NDF: 47.1/36

-0.002+/-0.003 χ^2/NDF: 43.8/37

diff_cav4dY_rms vs slug



Right In: 2.214+/-0.002 χ^2/NDF: 9160380.4/17

Left Out: 93.203+/-0.031 χ^2/NDF:809176.0/18

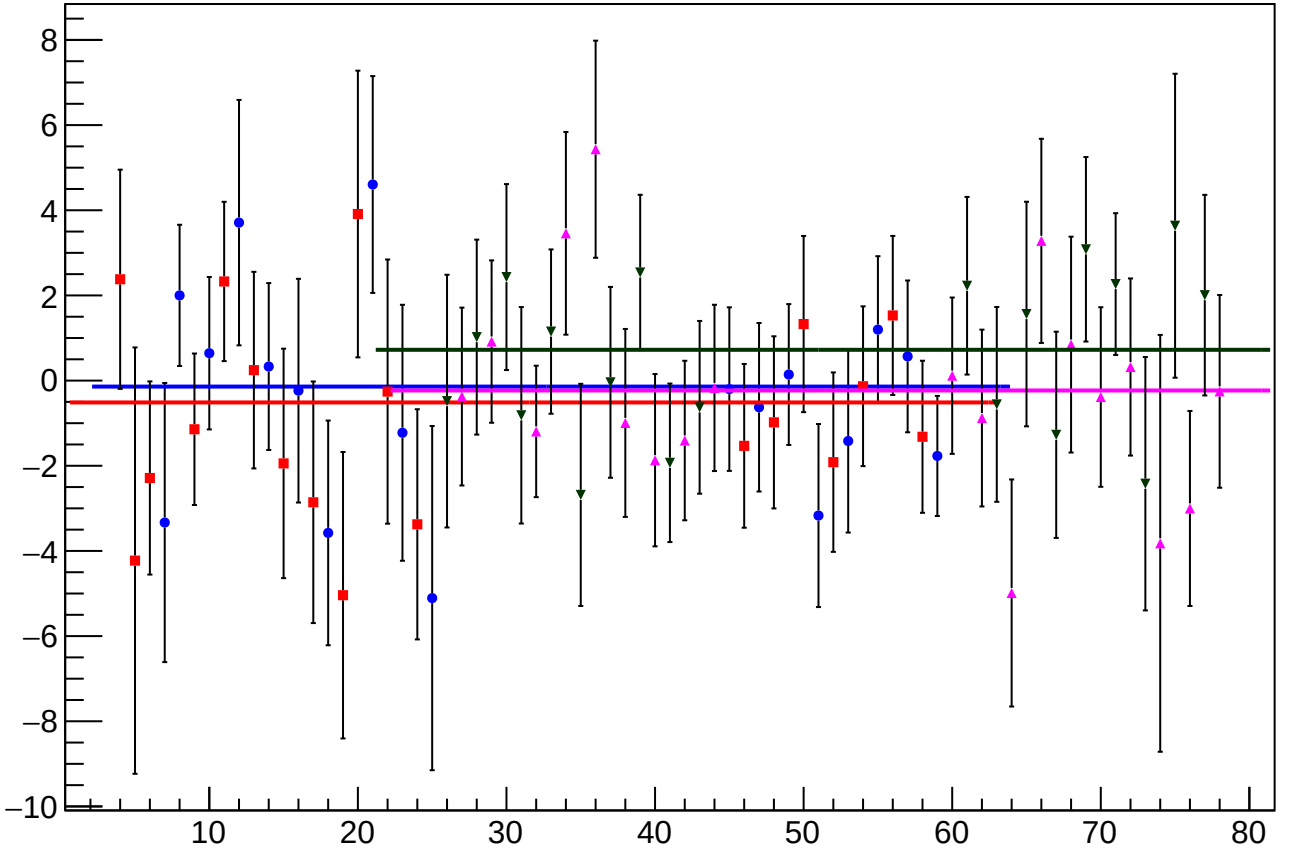
Right Out: 2.101+/-0.002 χ^2/NDF: 6716516.3/18

Left In: 72.323+/-0.026 χ^2/NDF:3056093.6/18

2.661+/-0.002 χ^2/NDF: 18556997.1/36

2.566+/-0.002 χ^2/NDF: 16917900.1/37

diff_bpm4aX_mean vs slug



Right In: -0.141+/-0.485 χ^2/NDF: 16.0/17

Left Out: 0.723+/-0.513 χ^2/NDF:12.2/18

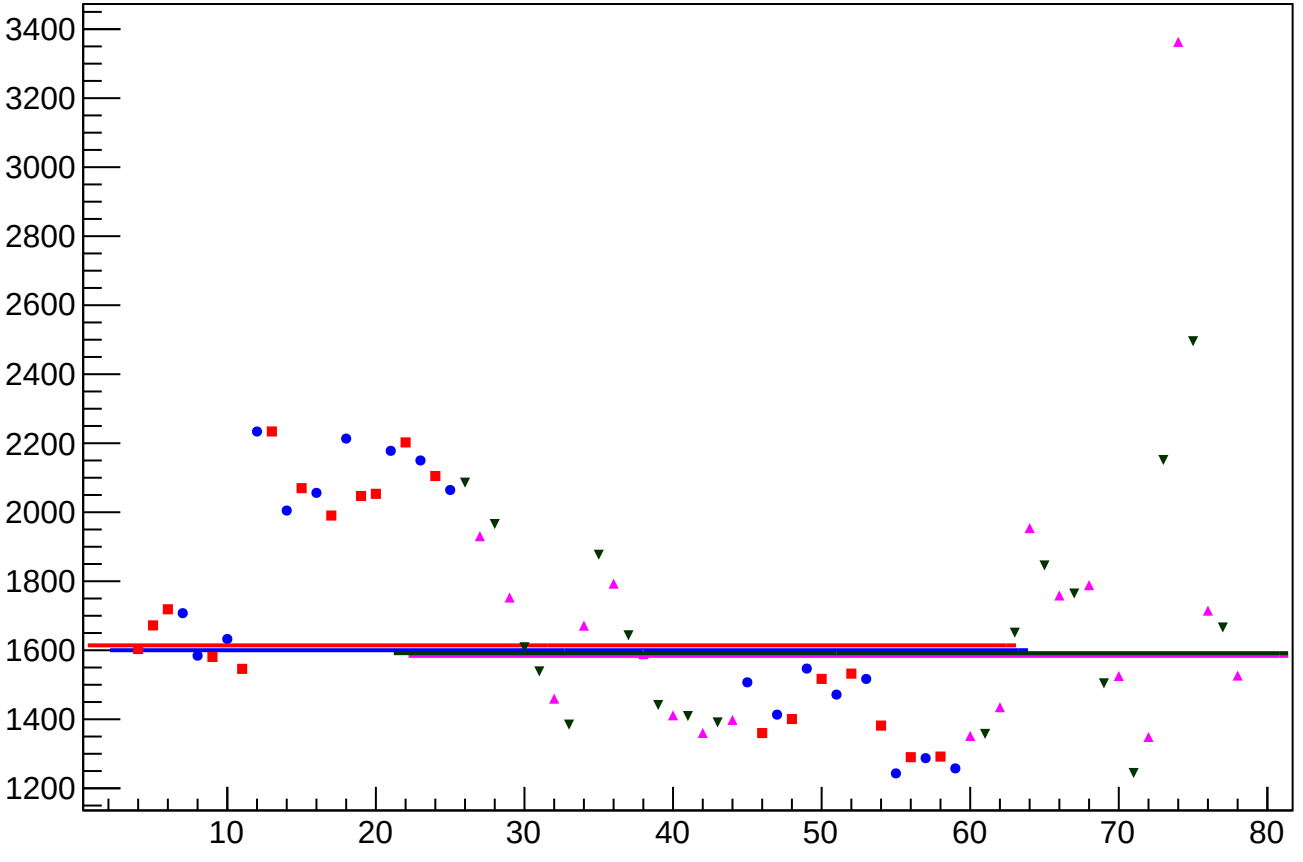
Right Out: -0.513+/-0.519 χ^2/NDF: 13.6/18

Left In: -0.232+/-0.492 χ^2/NDF:17.0/18

0.267+/-0.353 χ^2/NDF: 29.7/36

-0.365+/-0.357 χ^2/NDF: 30.8/37

diff_bpm4aX_rms vs slug



Right In: 1600.111+/-0.343 χ^2/NDF: 849754.6/17

Left Out: 1591.604+/-0.363 χ^2/NDF:556953.6/18

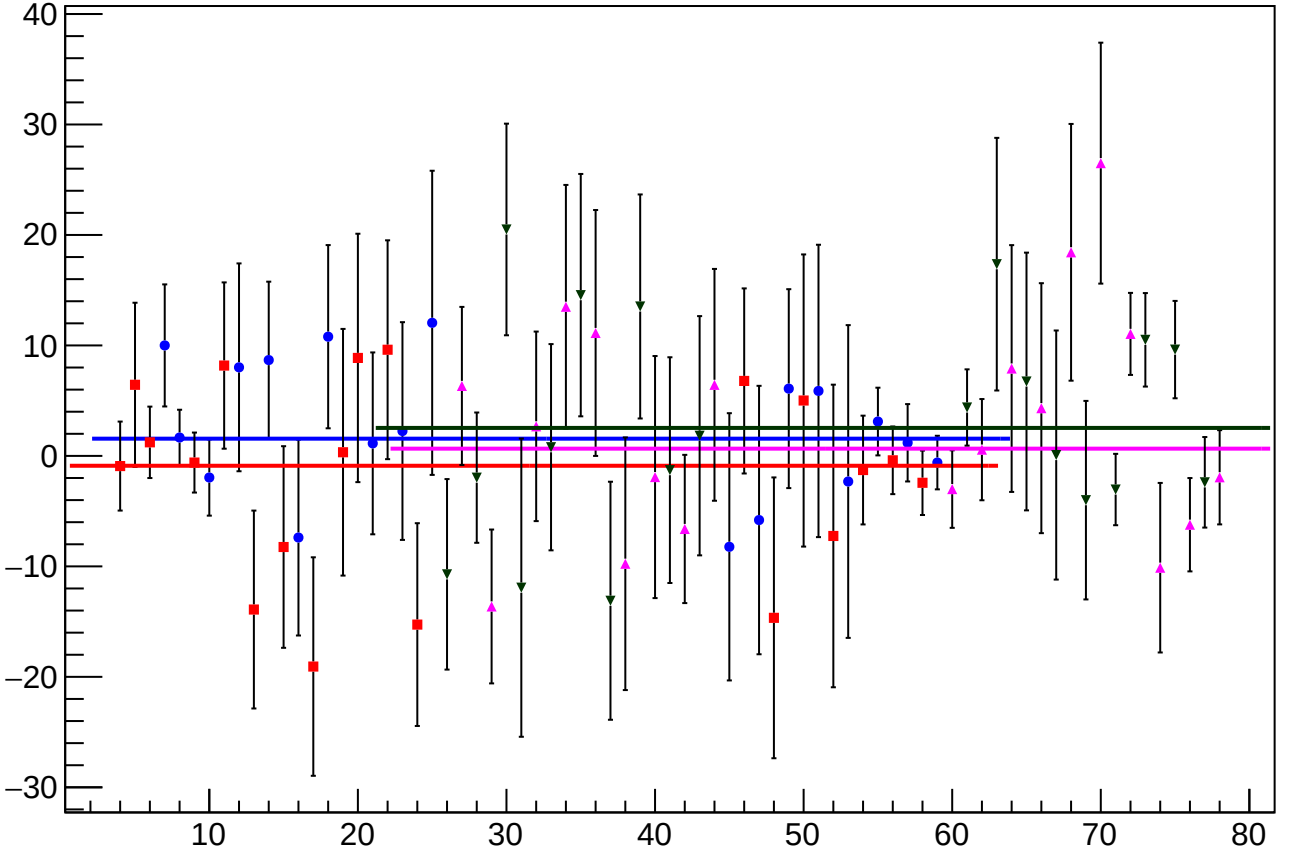
Right Out: 1614.182+/-0.367 χ^2/NDF: 670373.5/18

Left In: 1583.790+/-0.348 χ^2/NDF:564833.5/18

1596.094+/-0.249 χ^2/NDF: 1406998.2/36

1598.169+/-0.252 χ^2/NDF: 1238820.9/37

diff_bpm4aY_mean vs slug



Right In: 1.560+/-1.148 χ^2/NDF: 10.2/17

Left Out: 2.533+/-1.419 χ^2/NDF:25.5/18

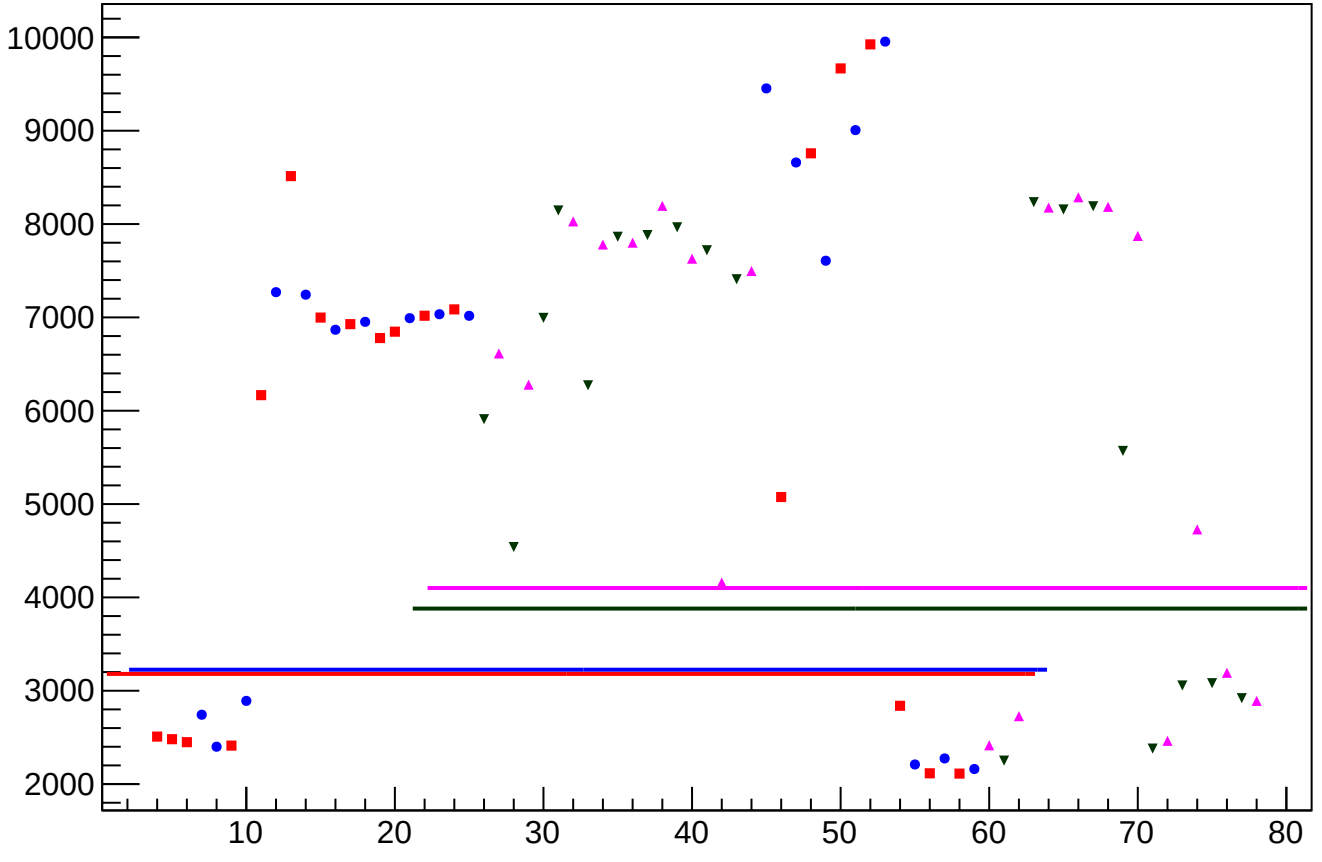
Right Out: -0.892+/-1.197 χ^2/NDF: 16.1/18

Left In: 0.656+/-1.446 χ^2/NDF:31.9/18

1.945+/-0.893 χ^2/NDF: 36.0/36

-0.263+/-0.922 χ^2/NDF: 48.7/37

diff_bpm4aY_rms vs slug



Right In: 3225.359+/-0.812 χ^2/NDF: 5860780.1/17

Left Out: 3880.382+/-1.003 χ^2/NDF:4086980.9/18

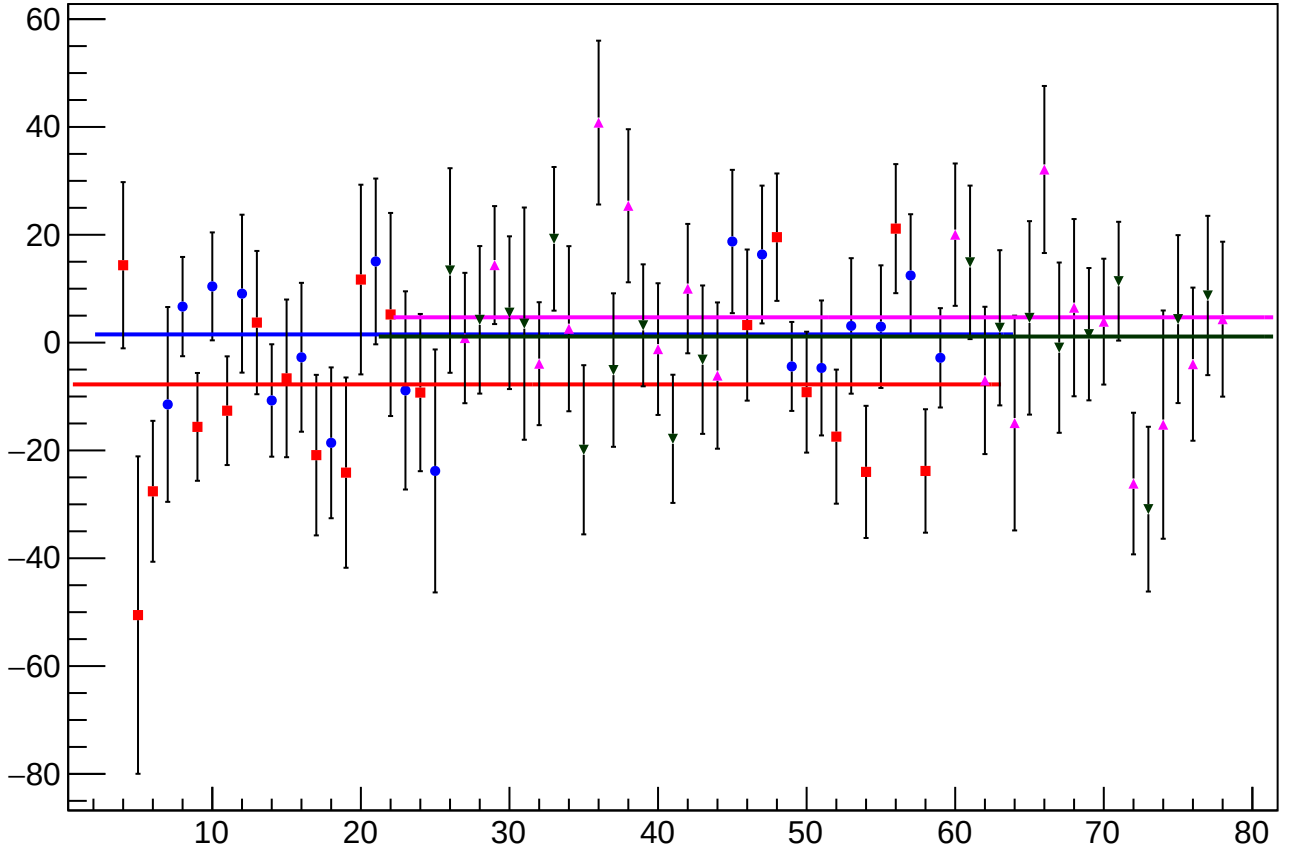
Right Out: 3180.260+/-0.846 χ^2/NDF: 5053490.5/18

Left In: 4100.612+/-1.022 χ^2/NDF:4302279.8/18

3484.594+/-0.631 χ^2/NDF: 10205305.2/36

3554.420+/-0.652 χ^2/NDF: 9836697.1/37

diff_bpm4eX_mean vs slug



Right In: 1.521+/-2.832 χ^2/NDF: 12.8/17

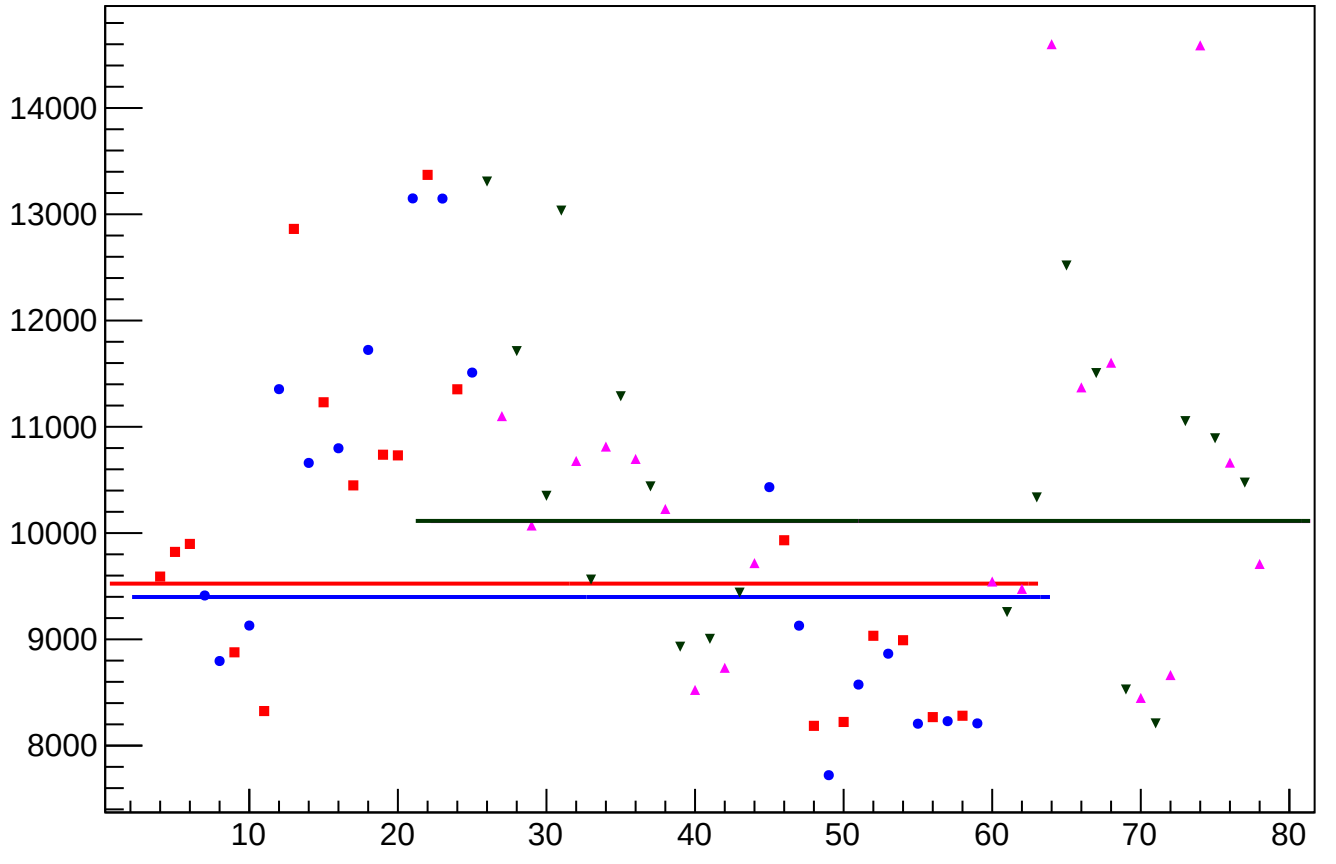
Left Out: 1.125+/-3.248 χ^2/NDF:13.7/18

Right Out: -7.752+/-3.046 χ^2/NDF: 27.5/18

Left In: 4.692+/-3.129 χ^2/NDF:23.3/18

1.350+/-2.135 χ^2/NDF: 26.4/36

-1.697+/-2.182 χ^2/NDF: 59.0/37



Right In: 9398.368+/-2.003 χ^2/NDF: 554872.2/17

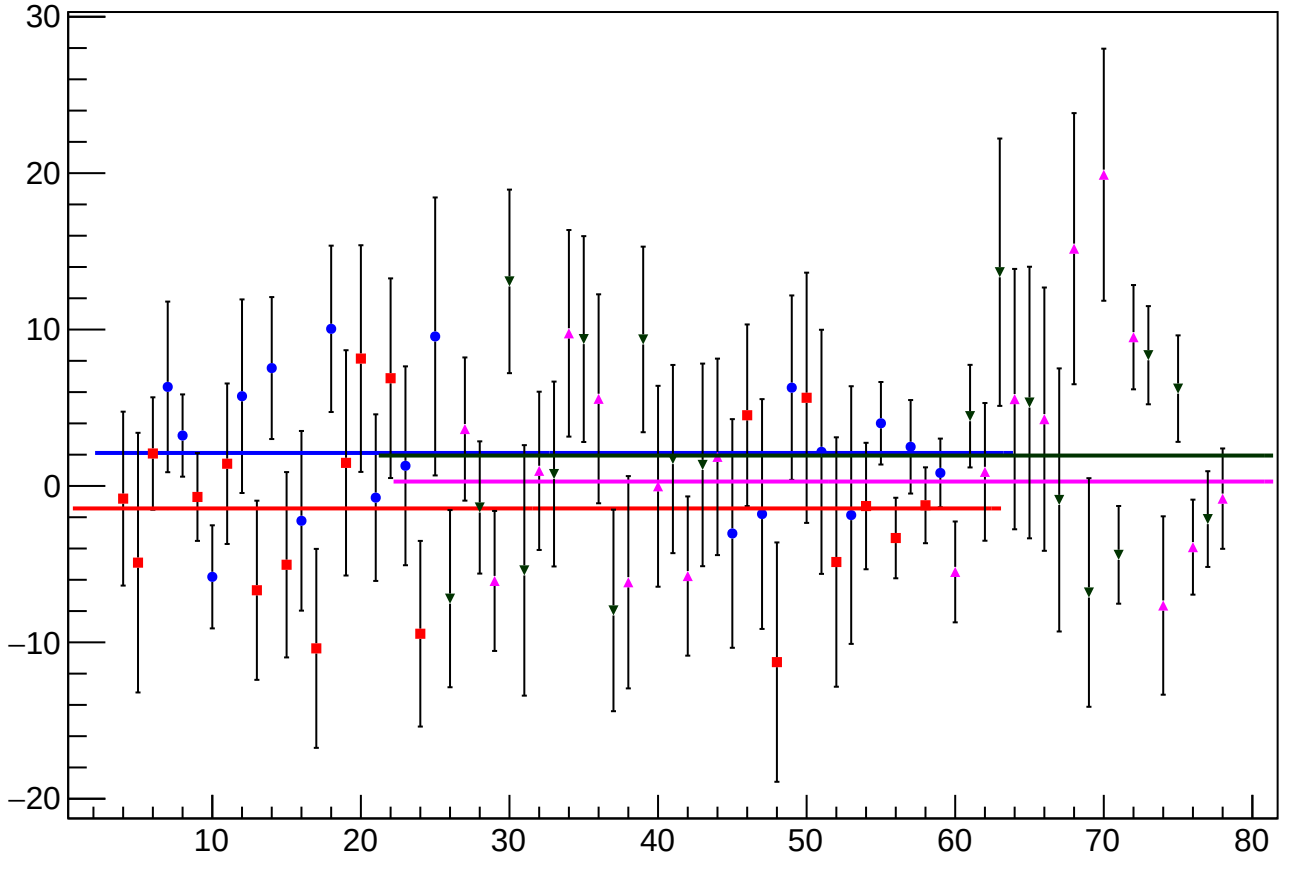
Left Out: 10114.374+/-2.297 χ^2/NDF:347116.2/18

Right Out: 9524.317+/-2.154 χ^2/NDF: 440161.2/18

Left In: 10113.013+/-2.212 χ^2/NDF:385775.8/18

9707.652+/-1.509 χ^2/NDF: 957198.0/36

9810.759+/-1.543 χ^2/NDF: 862295.5/37



Right In: 2.110+/-0.979 χ^2/NDF: 14.5/17

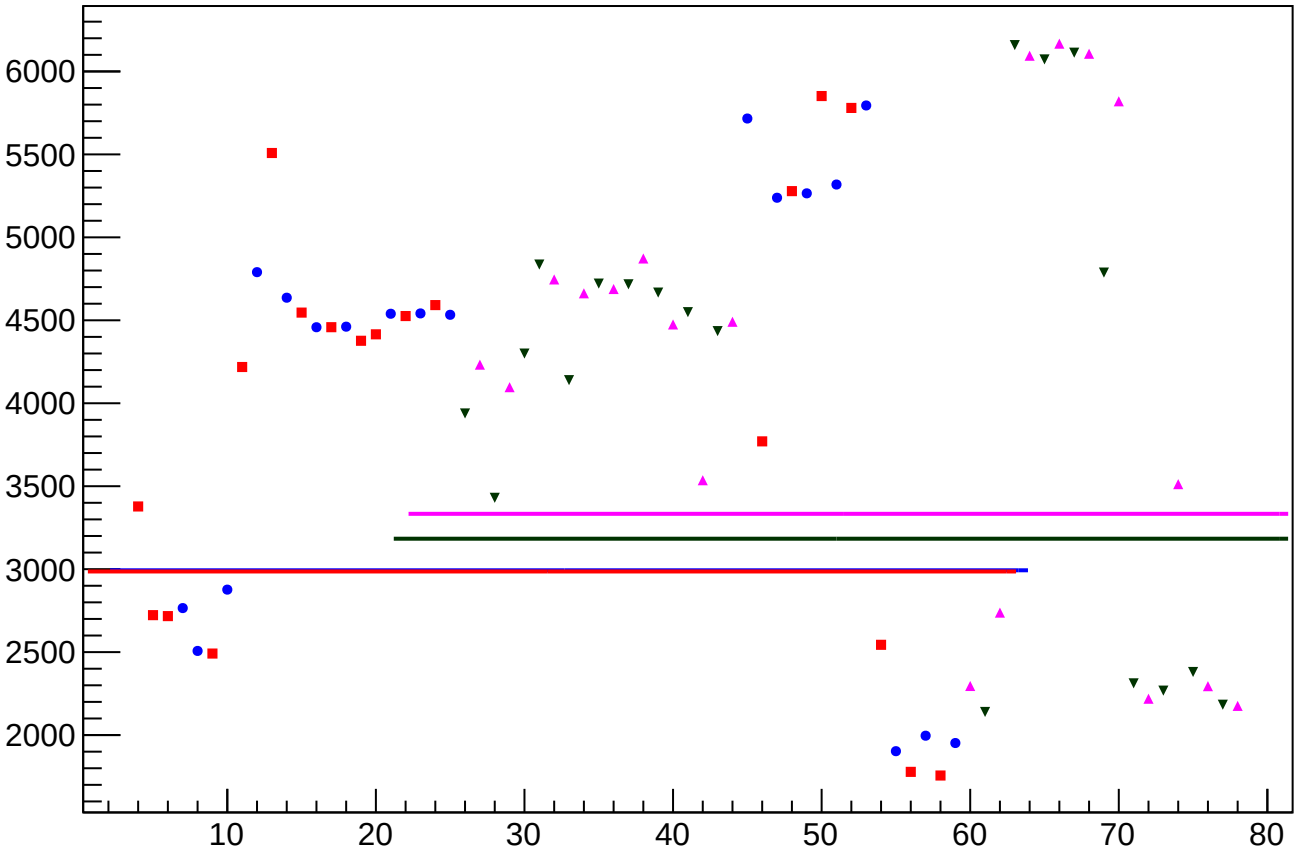
Left Out: 1.944+/-1.093 χ^2/NDF:28.7/18

Right Out: -1.438+/-1.040 χ^2/NDF: 14.4/18

Left In: 0.281+/-1.102 χ^2/NDF:32.0/18

2.036+/-0.729 χ^2/NDF: 43.3/36

-0.628+/-0.757 χ^2/NDF: 47.6/37



Right In: 2993.228+/-0.692 χ^2/NDF: 3318124.3/17

Left Out: 3183.565+/-0.773 χ^2/NDF:2433597.0/18

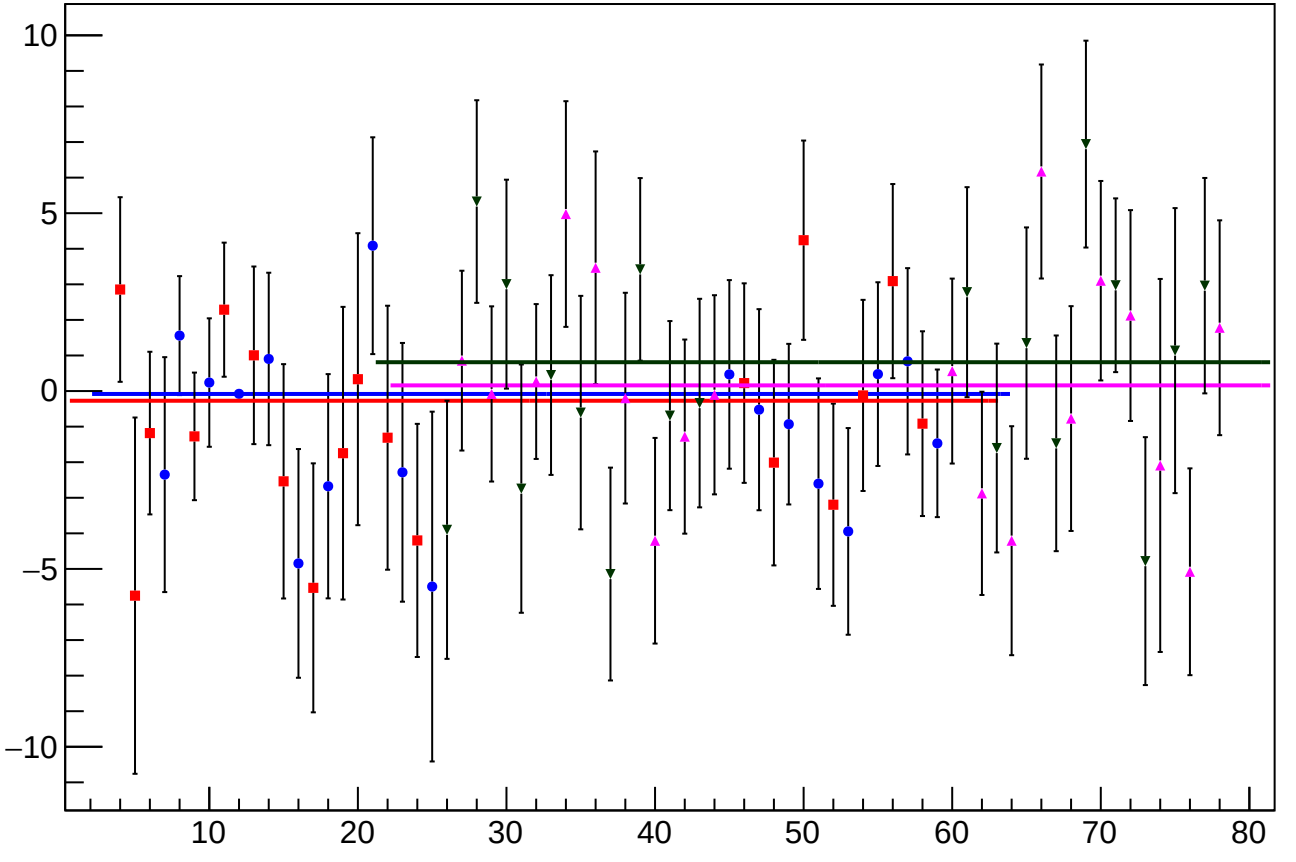
Right Out: 2986.116+/-0.736 χ^2/NDF: 2945634.2/18

Left In: 3333.558+/-0.779 χ^2/NDF:2496745.9/18

3077.970+/-0.516 χ^2/NDF: 5785371.9/36

3149.800+/-0.535 χ^2/NDF: 5547488.2/37

diff_bpm4acX_mean vs slug



Right In: -0.082+/-0.060 χ^2/NDF: 11.3/17

Left Out: 0.811+/-0.688 χ^2/NDF:21.5/18

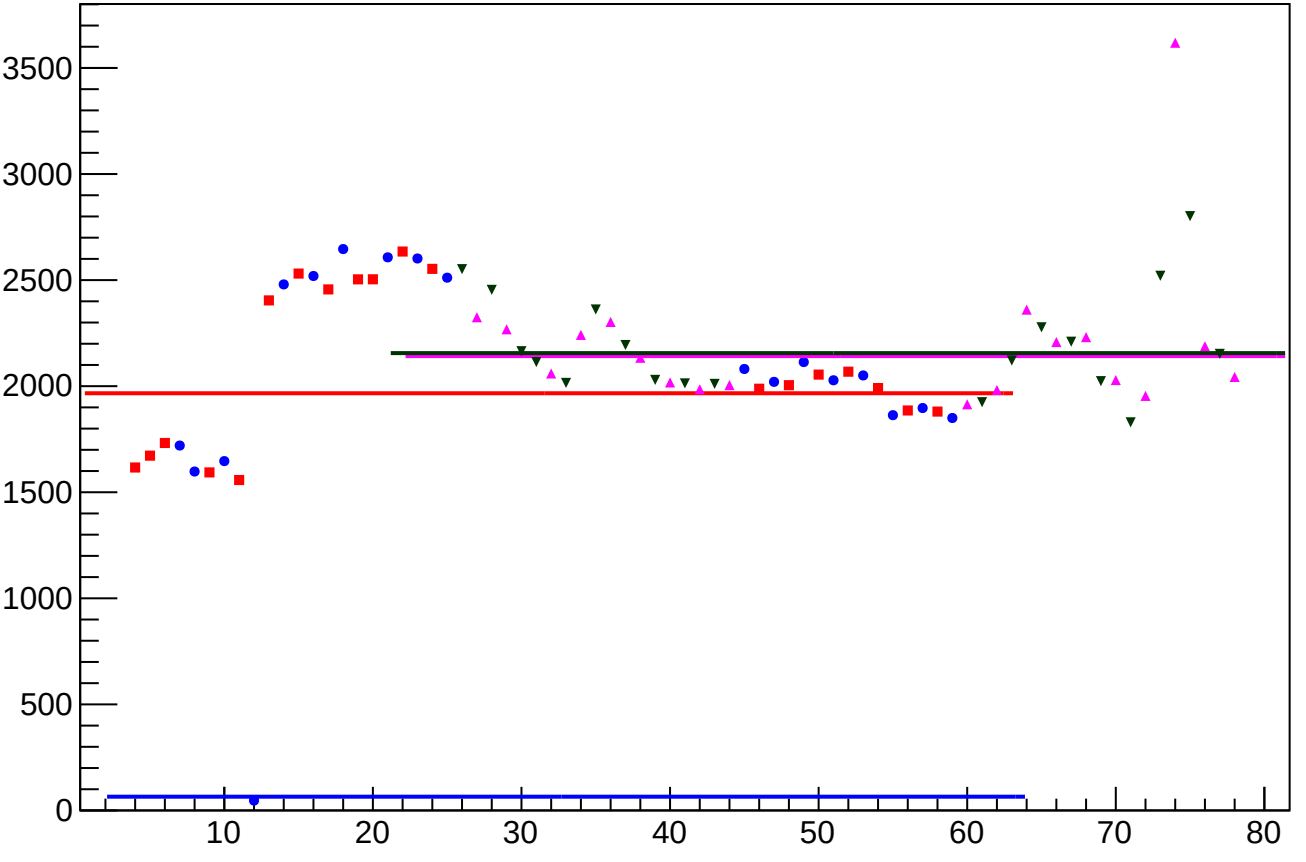
Right Out: -0.272+/-0.631 χ^2/NDF: 15.3/18

Left In: 0.160+/-0.659 χ^2/NDF:18.3/18

-0.075+/-0.060 χ^2/NDF: 34.4/36

-0.066+/-0.456 χ^2/NDF: 33.8/37

diff_bpm4acX_rms vs slug



Right In: 64.916+/-0.042 χ^2/NDF: 20258480.2/17

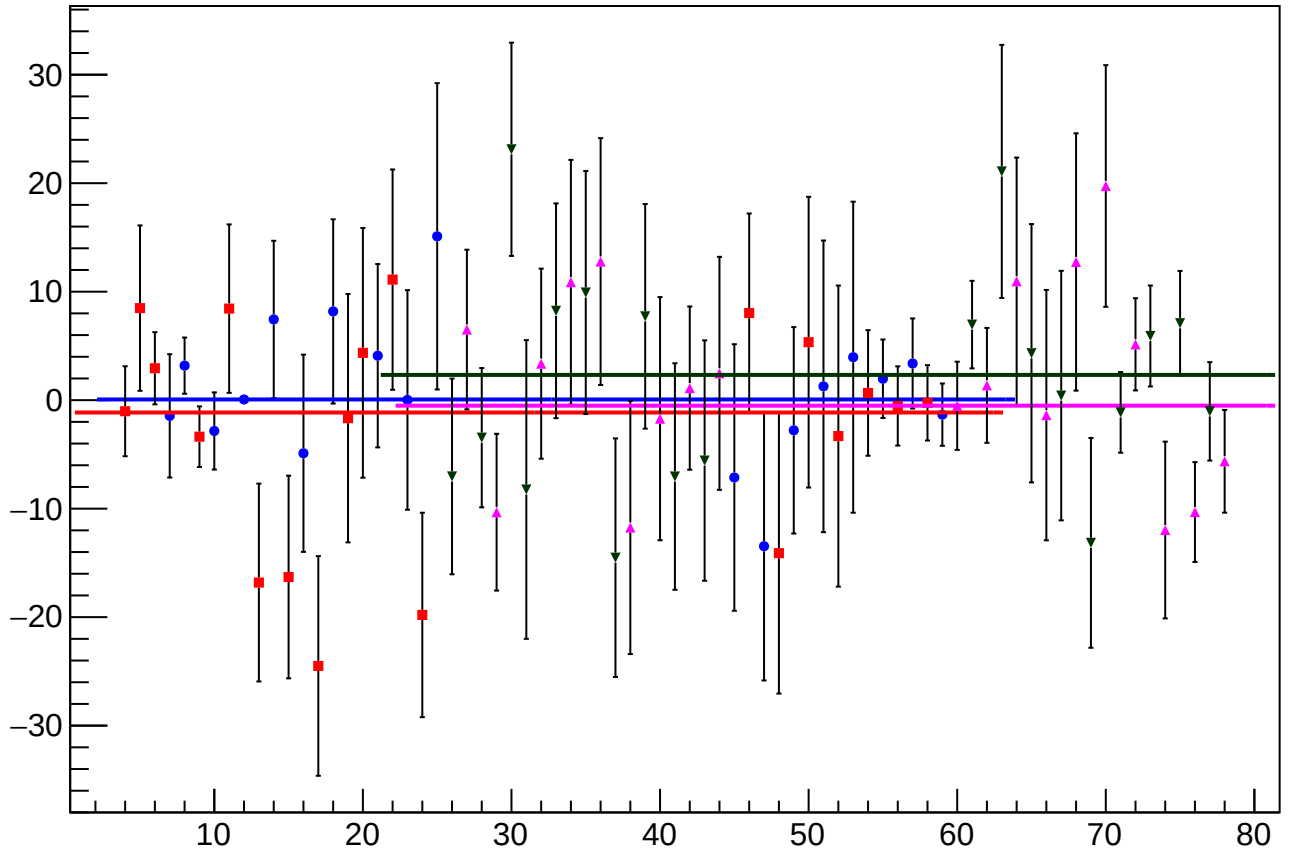
Left Out: 2155.881+/-0.487 χ^2/NDF:204405.8/18

Right Out: 1966.634+/-0.446 χ^2/NDF: 610680.3/18

Left In: 2141.778+/-0.466 χ^2/NDF:246463.4/18

80.717+/-0.042 χ^2/NDF: 38795124.6/36

2050.465+/-0.322 χ^2/NDF: 930844.7/37



Right In: 0.065+/-0.052 χ^2/NDF: 8.7/17

Left Out: 2.327+/-1.563 χ^2/NDF:21.2/18

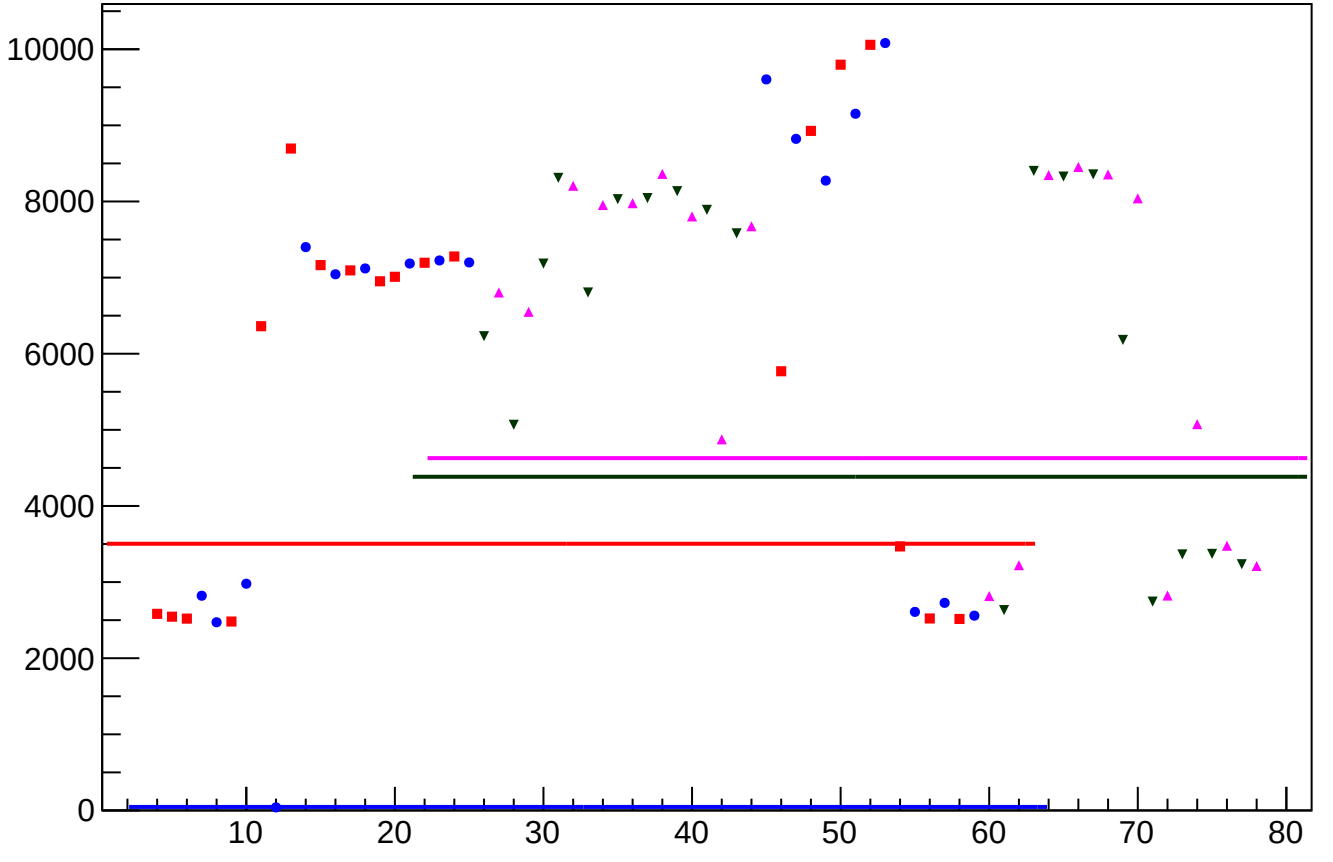
Right Out: -1.137+/-1.295 χ^2/NDF: 24.2/18

Left In: -0.507+/-1.588 χ^2/NDF:21.6/18

0.068+/-0.052 χ^2/NDF: 32.0/36

-0.885+/-1.004 χ^2/NDF: 45.9/37

diff_bpm4acY_rms vs slug



Right In: 46.257+/-0.037 χ^2/NDF: 20176828.9/17

Left Out: 4383.636+/-1.105 χ^2/NDF:3483759.5/18

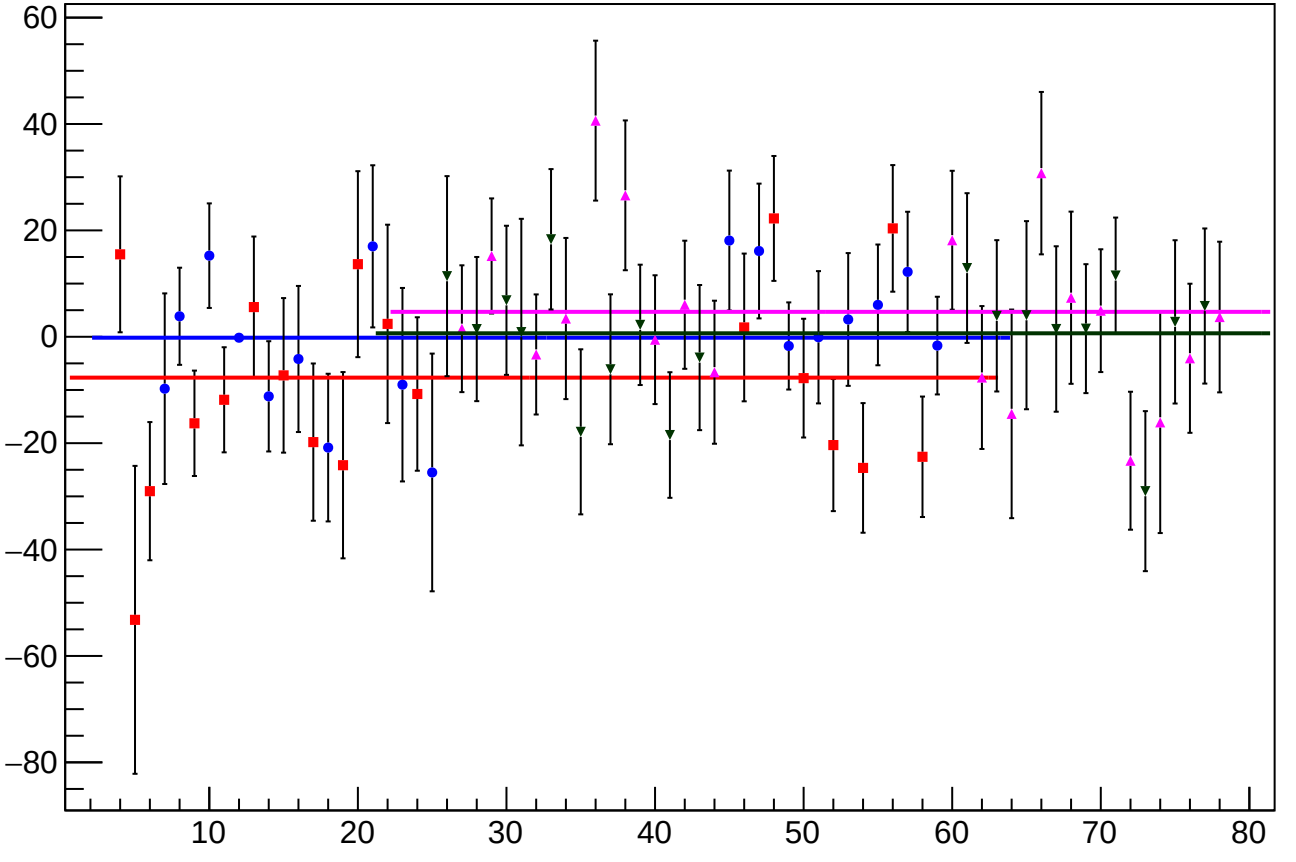
Right Out: 3503.720+/-0.916 χ^2/NDF: 4669685.2/18

Left In: 4628.590+/-1.123 χ^2/NDF:3553296.2/18

51.070+/-0.037 χ^2/NDF: 39054079.6/36

3953.192+/-0.710 χ^2/NDF: 8825741.4/37

diff_bpm4ecX_mean vs slug



Right In: -0.174+/-0.106 χ^2/NDF: 14.4/17

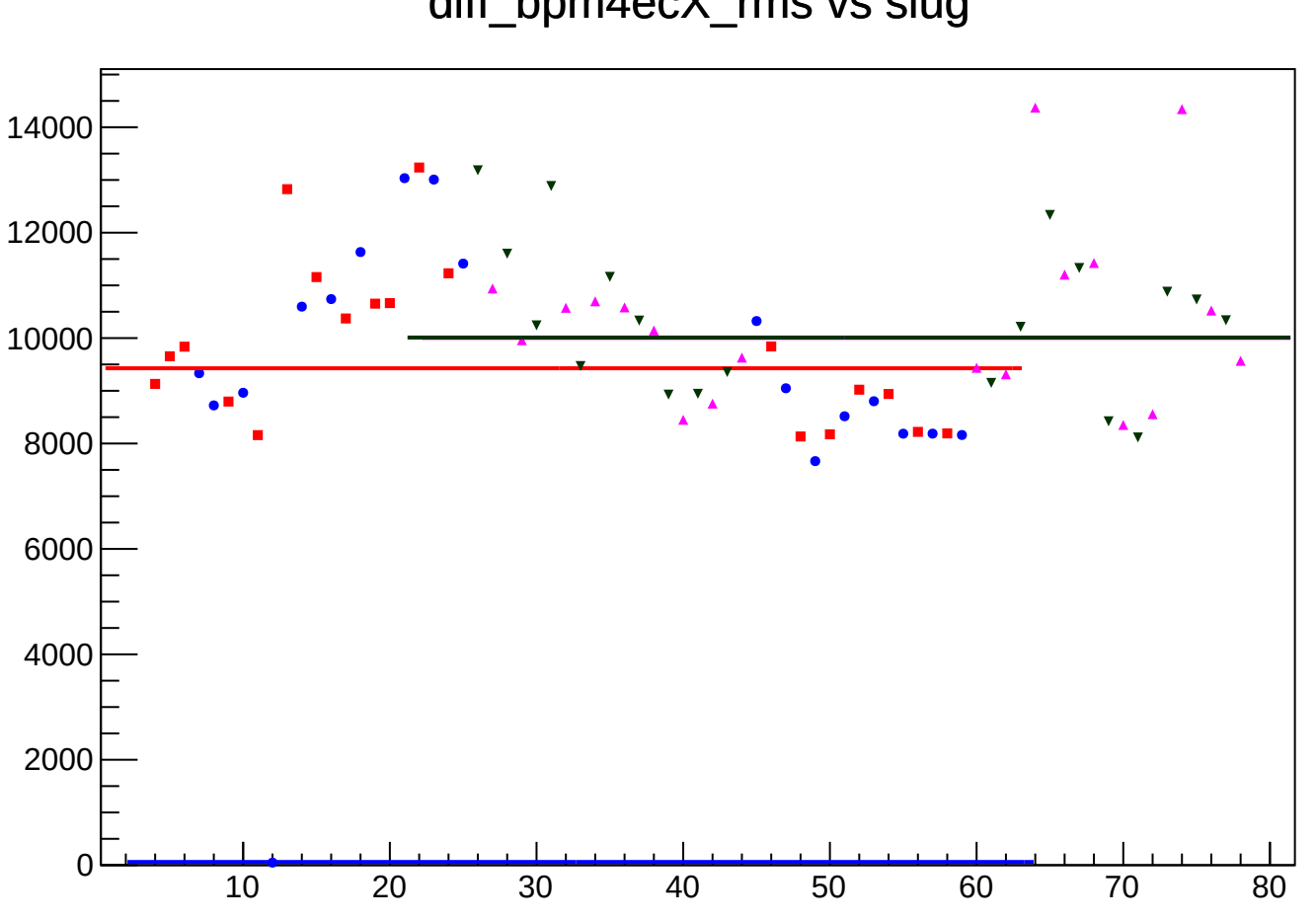
Left Out: 0.655+/-3.214 χ^2/NDF:12.6/18

Right Out: -7.679+/-3.015 χ^2/NDF: 30.2/18

Left In: 4.687+/-3.094 χ^2/NDF:22.4/18

-0.173+/-0.106 χ^2/NDF: 27.1/36

-1.655+/-2.159 χ^2/NDF: 60.8/37



Right In: 60.738+/-0.075 χ^2/NDF: 21121924.5/17

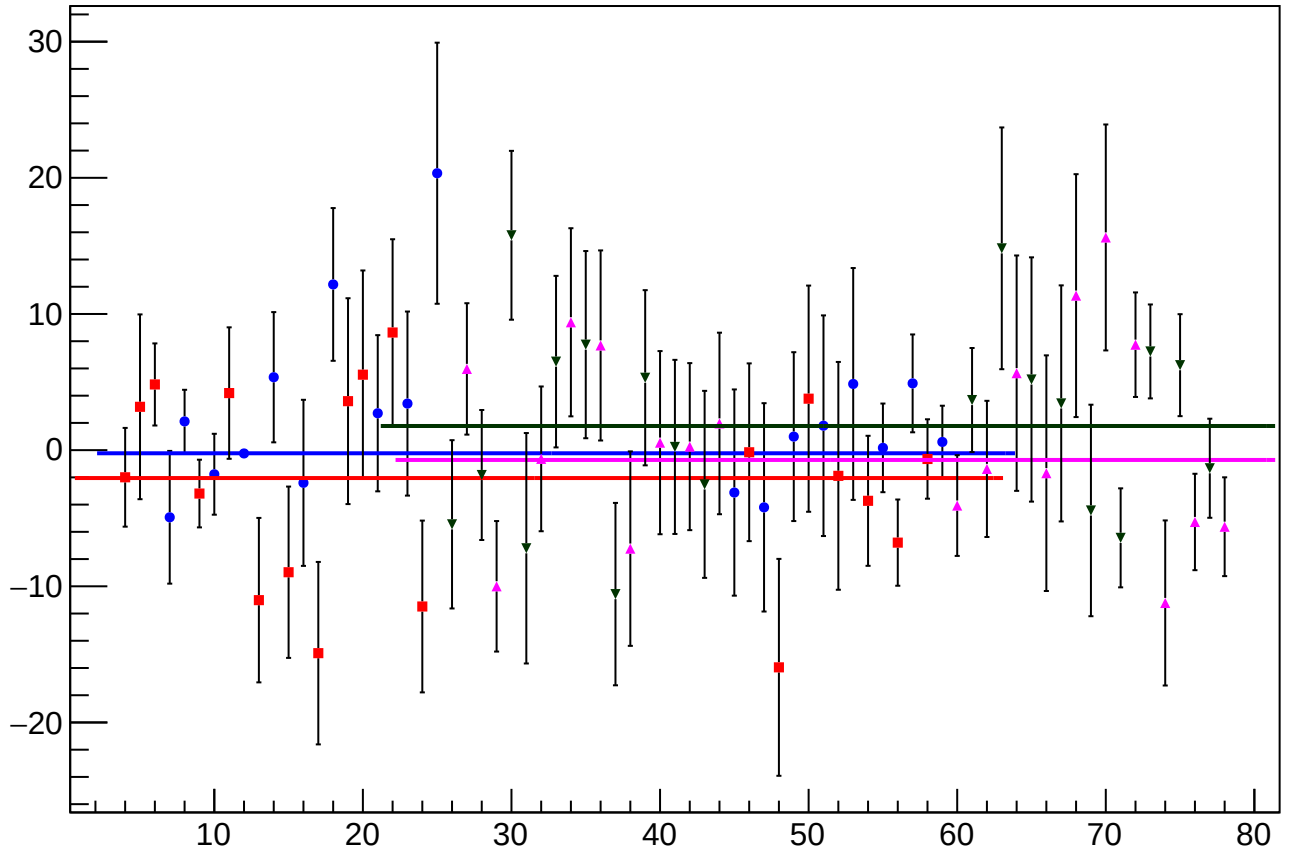
Left Out: 10010.620+/-2.273 χ^2/NDF:340175.1/18

Right Out: 9427.549+/-2.132 χ^2/NDF: 447350.4/18

Left In: 10004.051+/-2.188 χ^2/NDF:374330.0/18

71.646+/-0.075 χ^2/NDF: 40607818.2/36

9708.395+/-1.527 χ^2/NDF: 857291.8/37



Right In: -0.230+/-0.090 χ^2/NDF: 16.8/17

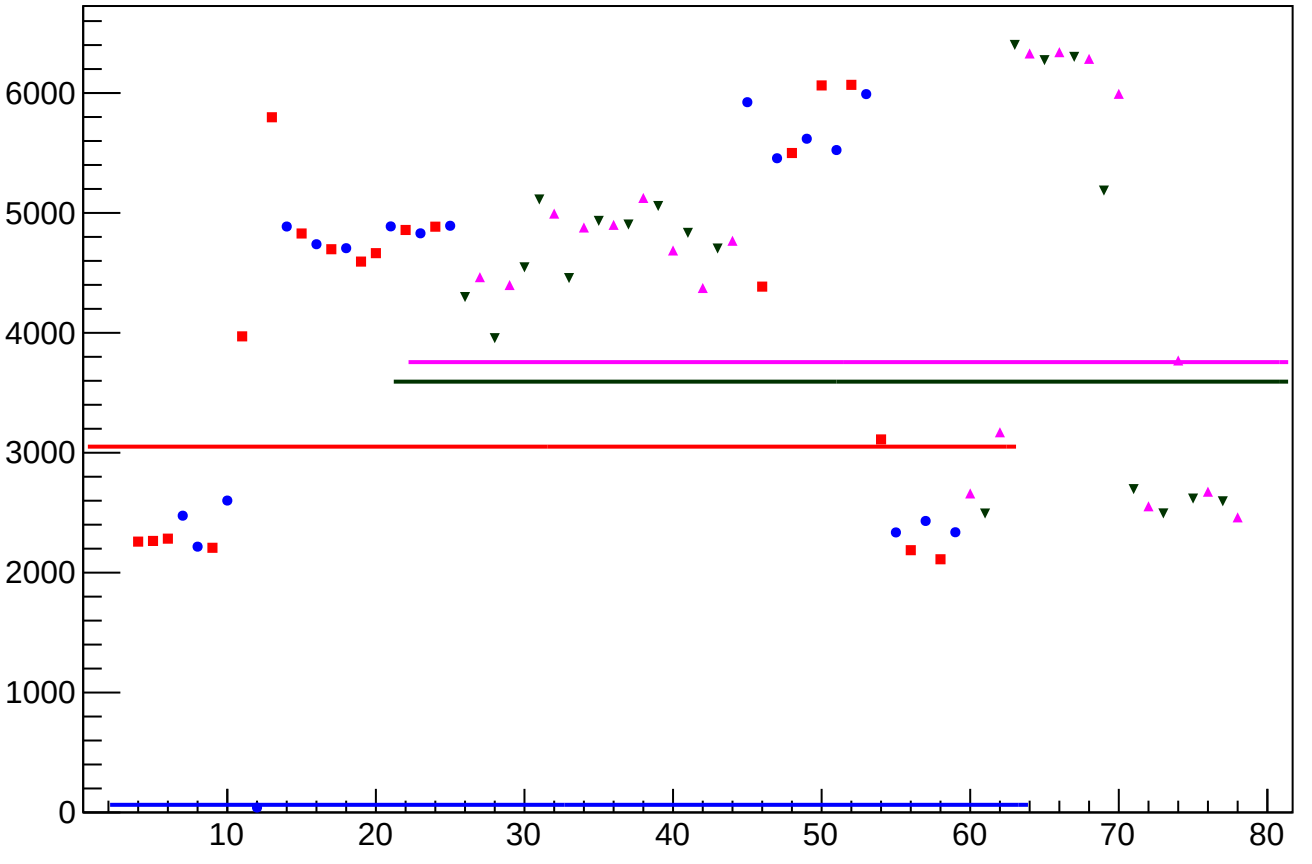
Left Out: 1.774+/-1.214 χ^2/NDF:26.6/18

Right Out: -2.049+/-1.055 χ^2/NDF: 27.2/18

Left In: -0.721+/-1.220 χ^2/NDF:28.8/18

-0.219+/-0.090 χ^2/NDF: 46.1/36

-1.481+/-0.798 χ^2/NDF: 56.6/37



Right In: 63.702+/-0.064 χ^2/NDF: 20268366.8/17

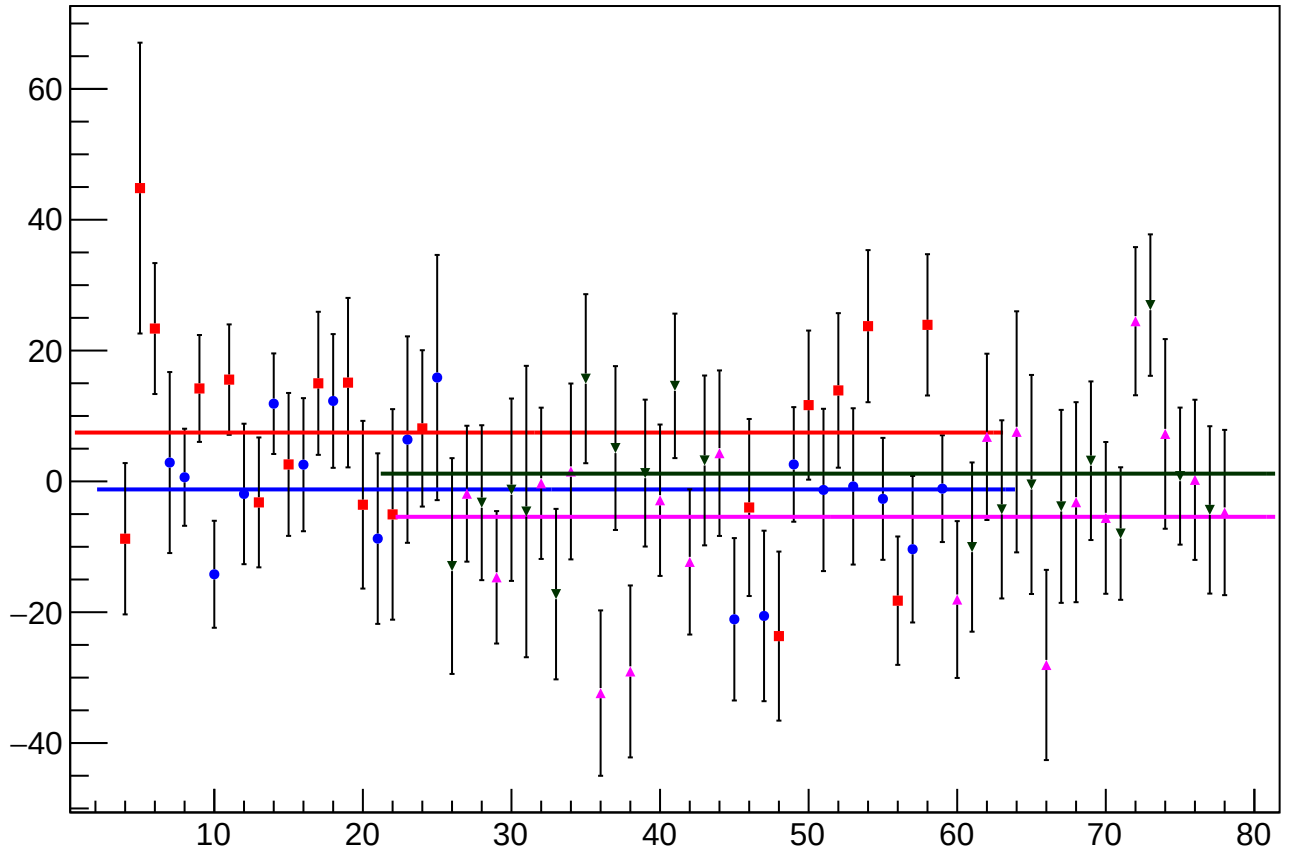
Left Out: 3592.976+/-0.858 χ^2/NDF:2005501.8/18

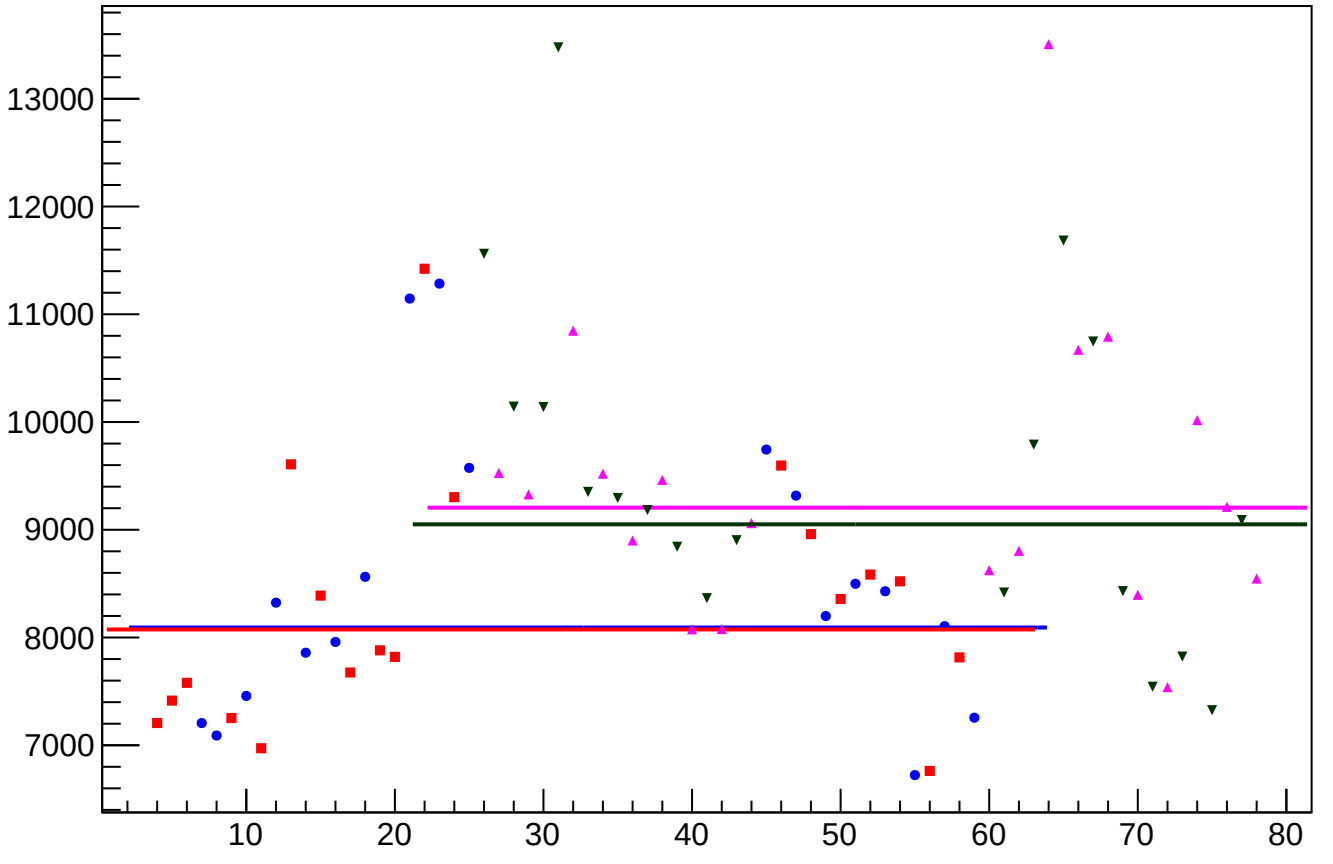
Right Out: 3050.872+/-0.746 χ^2/NDF: 2882138.2/18

Left In: 3755.814+/-0.863 χ^2/NDF:1974650.5/18

82.924+/-0.063 χ^2/NDF: 39085408.4/36

3352.621+/-0.564 χ^2/NDF: 5238716.6/37


diff_bpm1X_mean vs slug
60
40
20
0
−20
−40
10
20
30
40
50
60
70
80
Right In: -1.229+/-2.430 χ²/NDF: 14.5/17
Left Out: 1.183+/-2.910 χ²/NDF:13.6/18
Right Out: 7.465+/-2.574 χ²/NDF: 30.5/18
Left In: -5.417+/-2.841 χ²/NDF:23.2/18
-0.237+/-1.865 χ²/NDF: 28.5/36
1.657+/-1.907 χ²/NDF: 65.0/37



Right In: 8092.852+/-1.719 χ^2/NDF: 389353.1/17

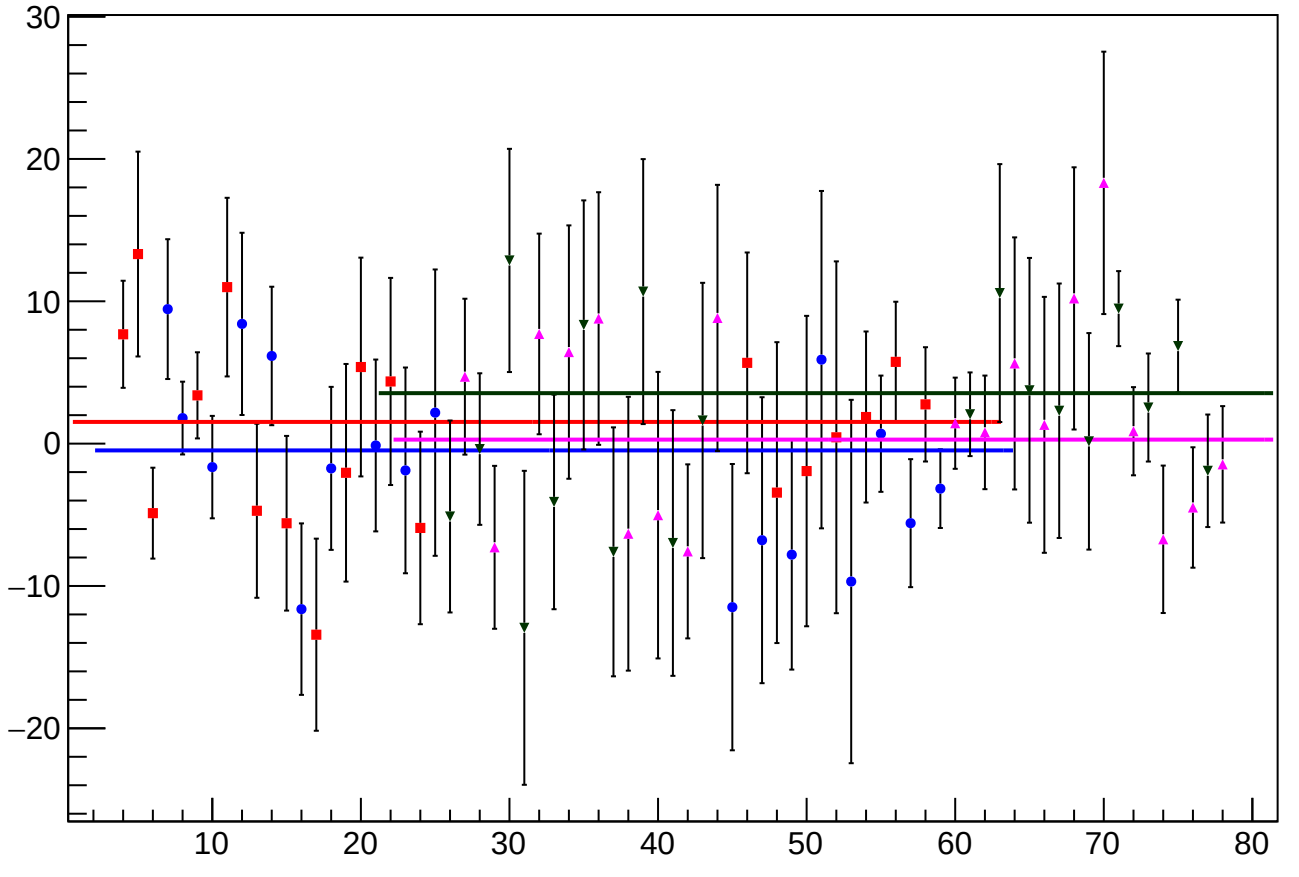
Left Out: 9050.474+/-2.057 χ^2/NDF:381360.7/18

Right Out: 8074.654+/-1.820 χ^2/NDF: 312658.9/18

Left In: 9205.334+/-2.009 χ^2/NDF:307705.5/18

8486.435+/-1.319 χ^2/NDF: 898326.5/36

8584.398+/-1.349 χ^2/NDF: 794369.3/37



Right In: -0.476+/-1.161 χ^2/NDF: 17.9/17

Left Out: 3.546+/-1.195 χ^2/NDF:19.9/18

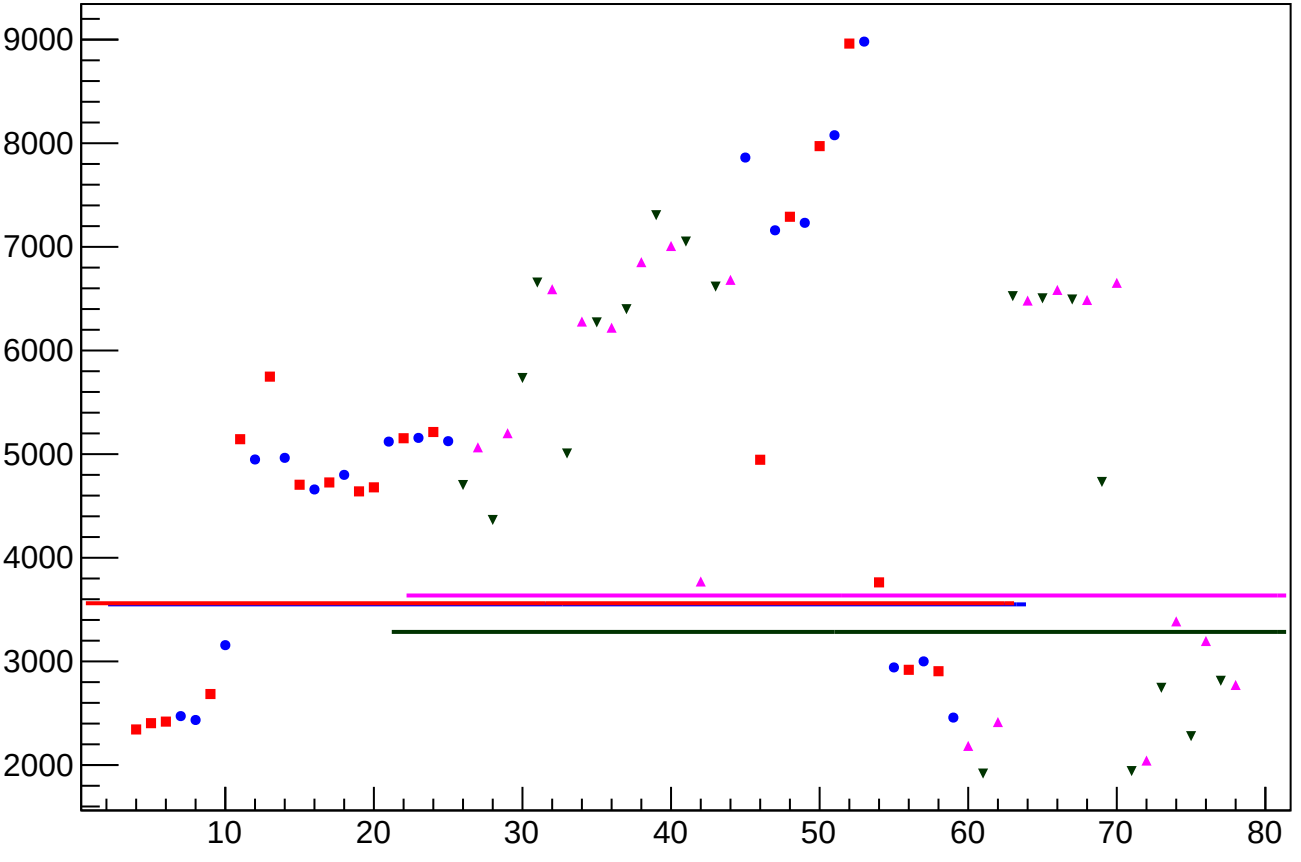
Right Out: 1.525+/-1.232 χ^2/NDF: 22.9/18

Left In: 0.282+/-1.256 χ^2/NDF:17.0/18

1.477+/-0.833 χ^2/NDF: 43.6/36

0.916+/-0.879 χ^2/NDF: 40.4/37

diff_bpm1Y_rms vs slug



Right In: 3550.424+/-0.821 χ^2/NDF: 3293988.0/17

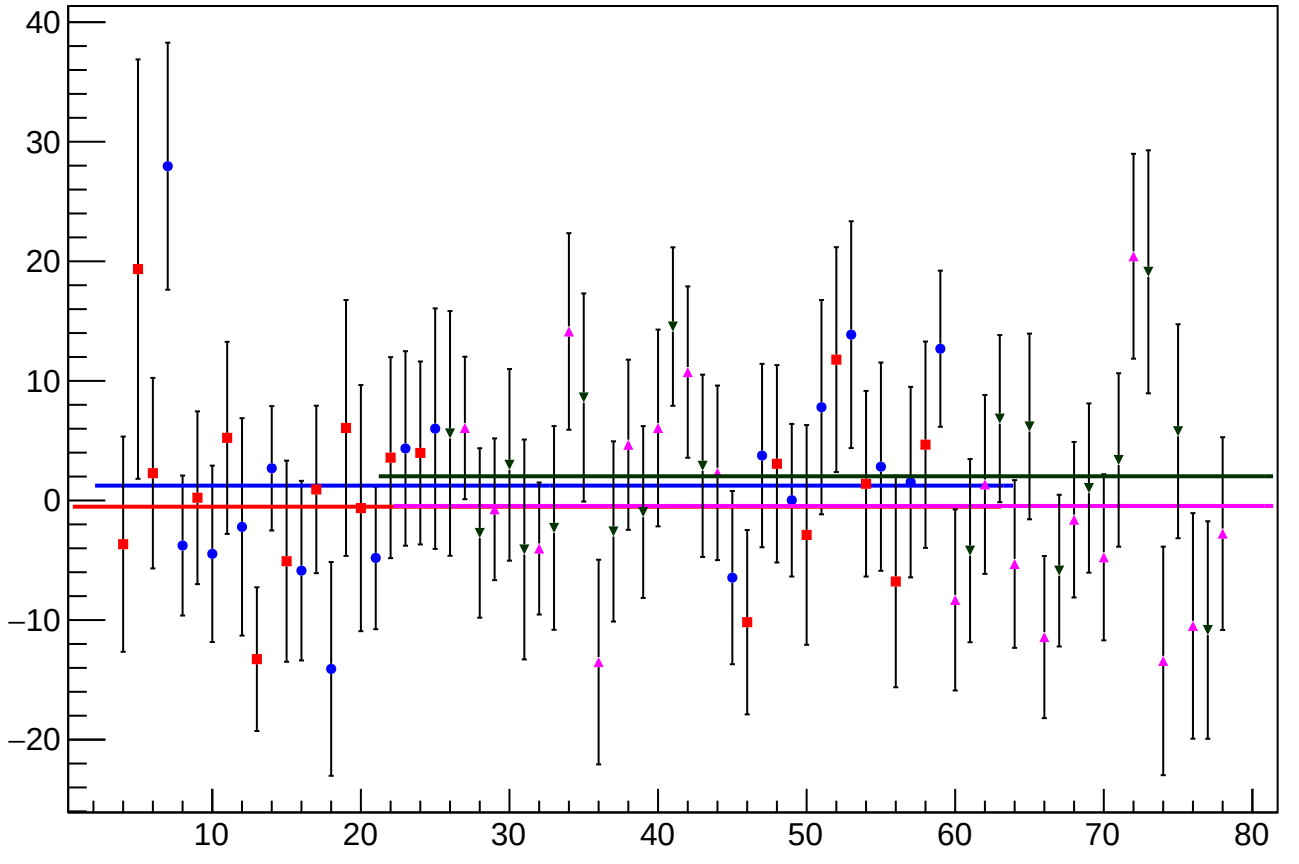
Left Out: 3284.664+/-0.845 χ^2/NDF:4116799.2/18

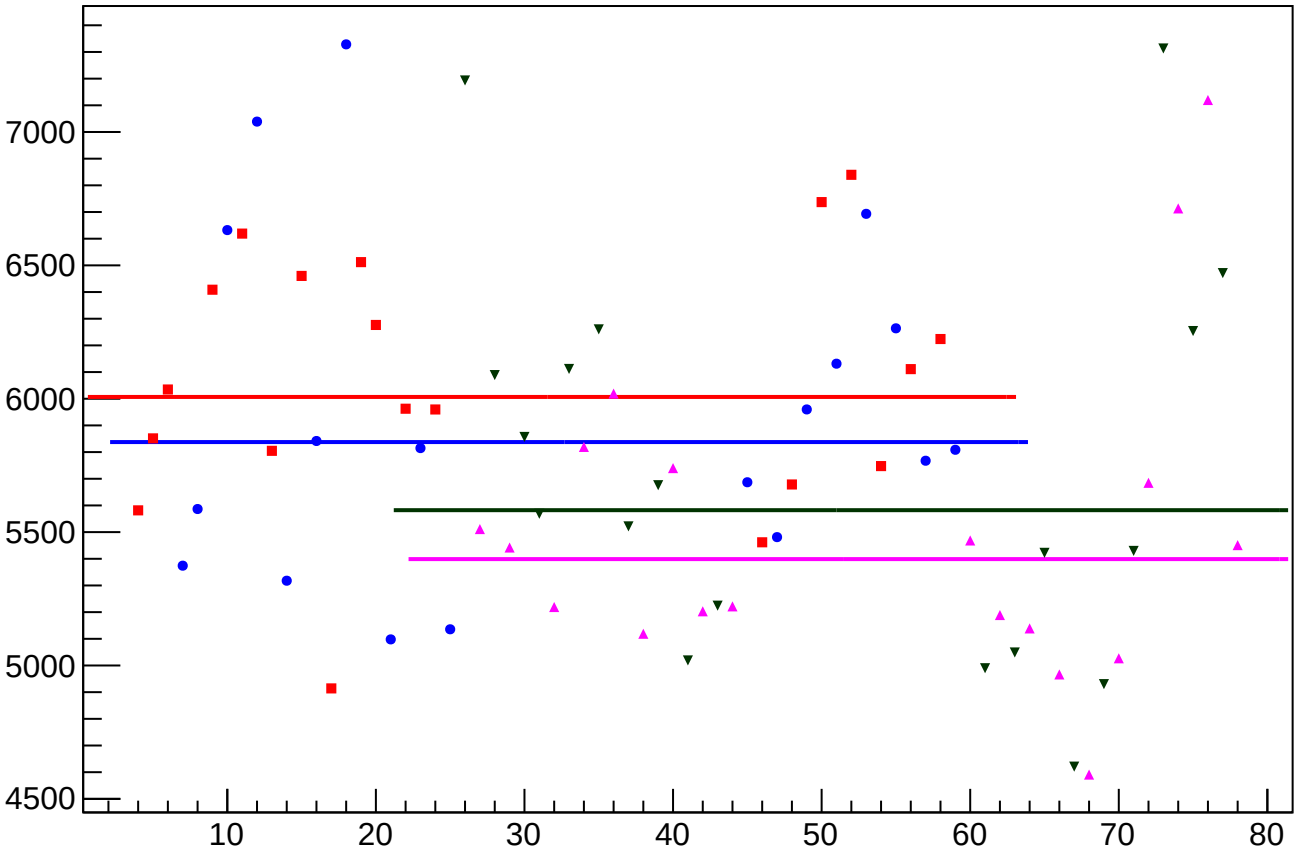
Right Out: 3561.233+/-0.871 χ^2/NDF: 2618224.4/18

Left In: 3636.090+/-0.888 χ^2/NDF:3714915.0/18

3421.373+/-0.589 χ^2/NDF: 7461655.6/36

3597.945+/-0.622 χ^2/NDF: 6336761.7/37


diff_bpm11X_mean vs slug
40
30
20
10
0
−10
−20
10
20
30
40
50
60
70
80
Right In: 1.242+/-1.752 χ²/NDF: 20.2/17
Left Out: 2.023+/-1.787 χ²/NDF:14.0/18
Right Out: -0.521+/-1.907 χ²/NDF: 12.3/18
Left In: -0.458+/-1.658 χ²/NDF:24.5/18
1.625+/-1.251 χ²/NDF: 34.3/36
-0.485+/-1.251 χ²/NDF: 36.8/37



Right In: 5837.587+/-1.239 χ^2/NDF: 211311.8/17

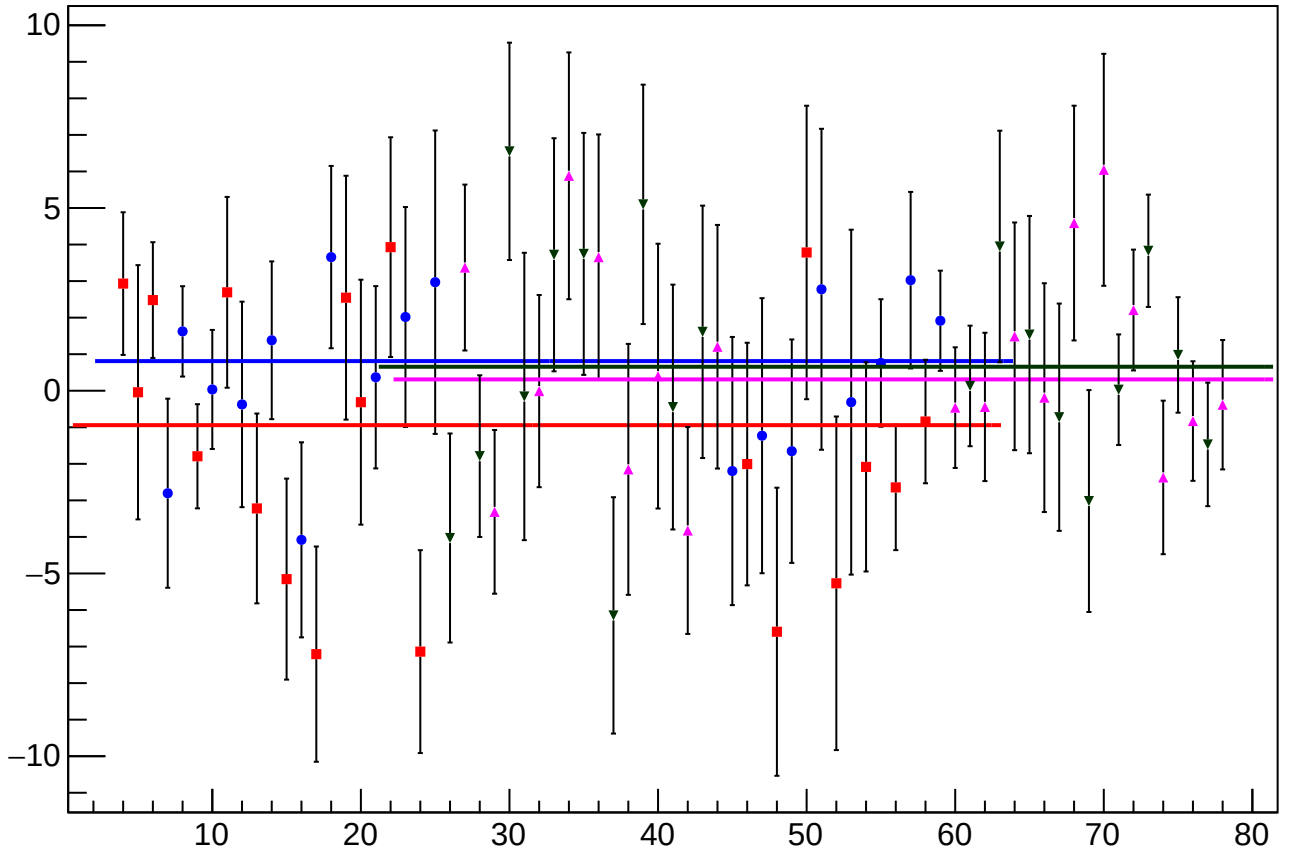
Left Out: 5582.239+/-1.264 χ^2/NDF:278024.9/18

Right Out: 6006.736+/-1.348 χ^2/NDF: 130455.1/18

Left In: 5398.824+/-1.173 χ^2/NDF:183875.4/18

5712.492+/-0.885 χ^2/NDF: 510160.8/36

5660.639+/-0.885 χ^2/NDF: 430099.8/37



Right In: 0.811+/-0.532 χ^2/NDF: 11.3/17

Left Out: 0.656+/-0.539 χ^2/NDF:25.1/18

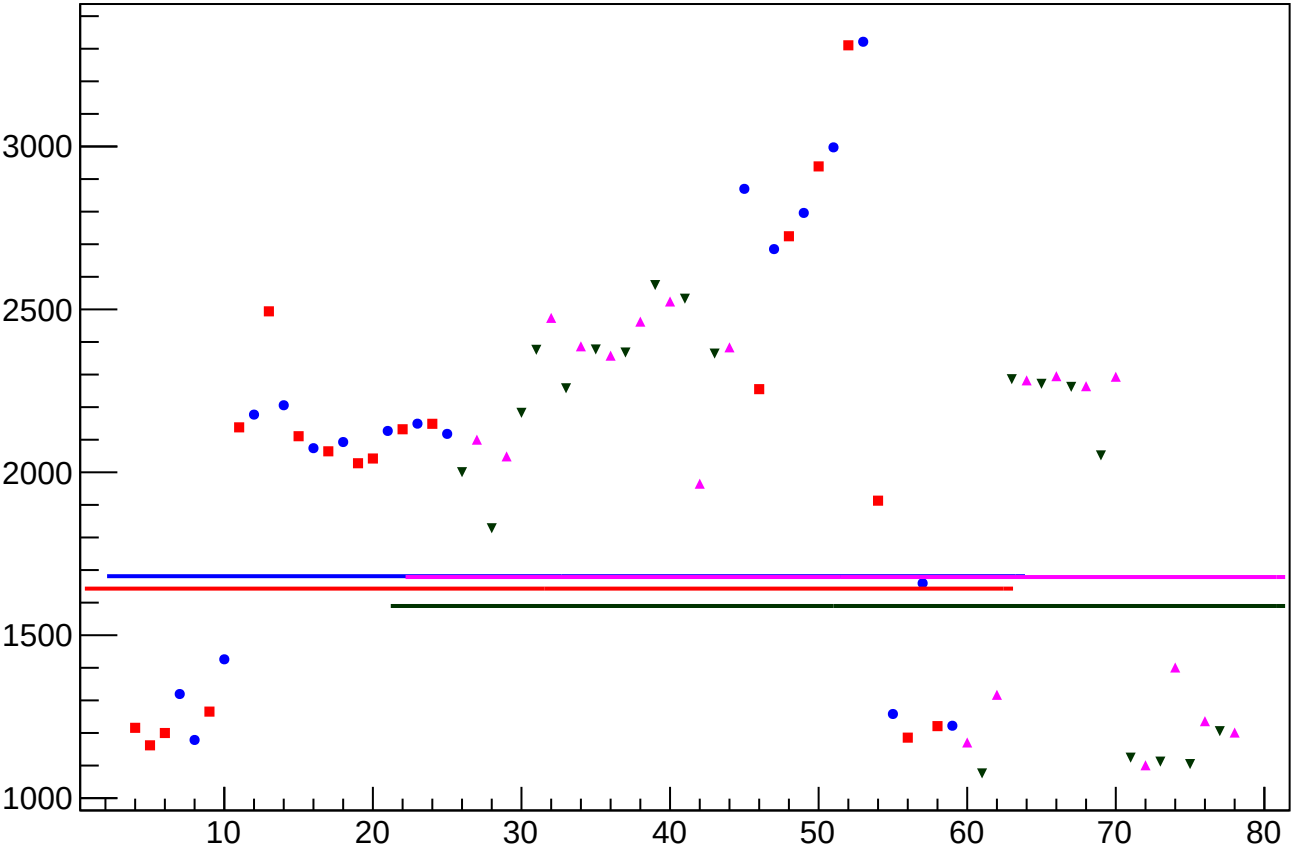
Right Out: -0.942+/-0.553 χ^2/NDF: 32.9/18

Left In: 0.310+/-0.543 χ^2/NDF:20.0/18

0.735+/-0.379 χ^2/NDF: 36.5/36

-0.305+/-0.387 χ^2/NDF: 55.6/37

diff_bpm11Y_rms vs slug



Right In: 1681.167+/-0.376 χ^2/NDF: 2212913.1/17

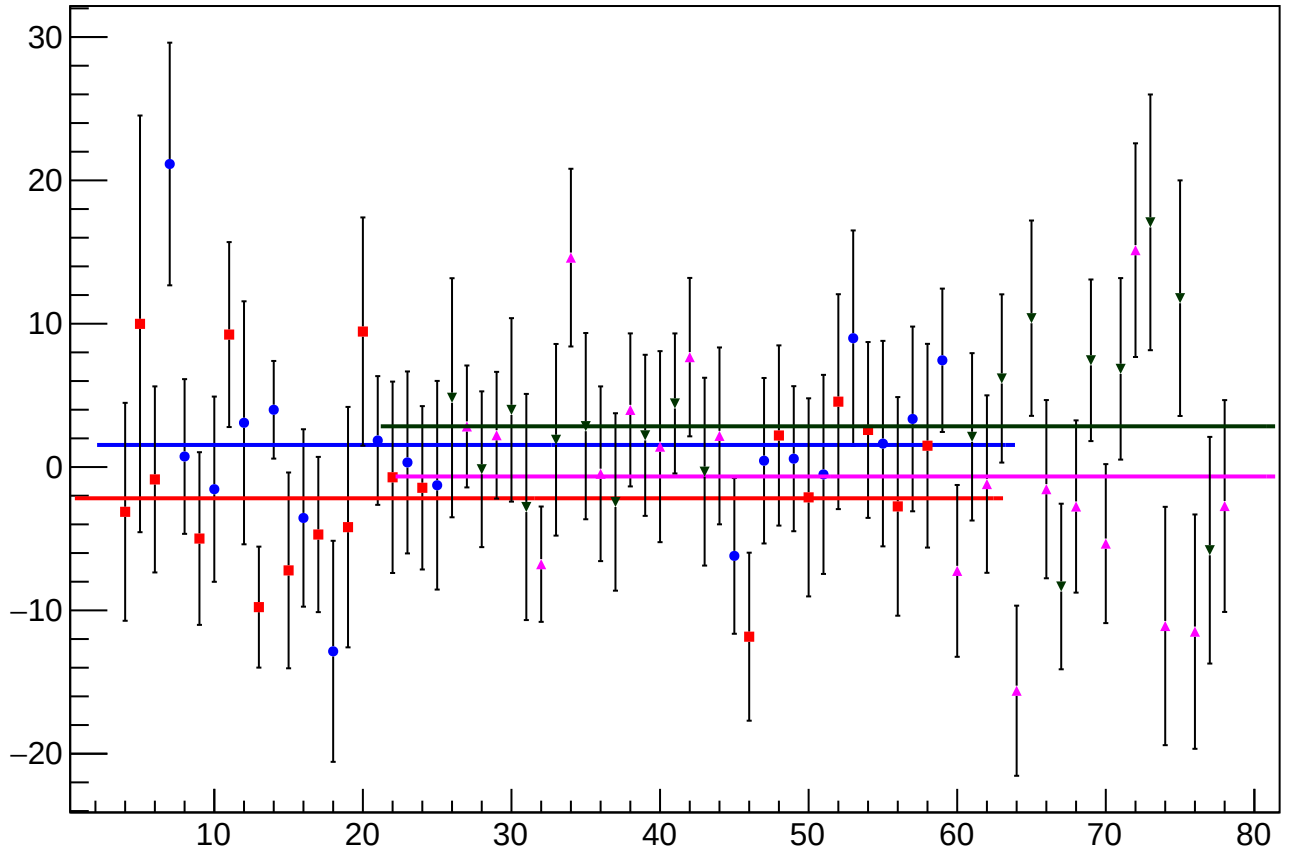
Left Out: 1589.727+/-0.381 χ^2/NDF:2174010.2/18

Right Out: 1643.071+/-0.391 χ^2/NDF: 1969332.5/18

Left In: 1678.586+/-0.384 χ^2/NDF:1917795.5/18

1636.050+/-0.268 χ^2/NDF: 4416072.8/36

1661.127+/-0.274 χ^2/NDF: 3891328.6/37



Right In: 1.541+/-1.369 χ^2/NDF: 15.2/17

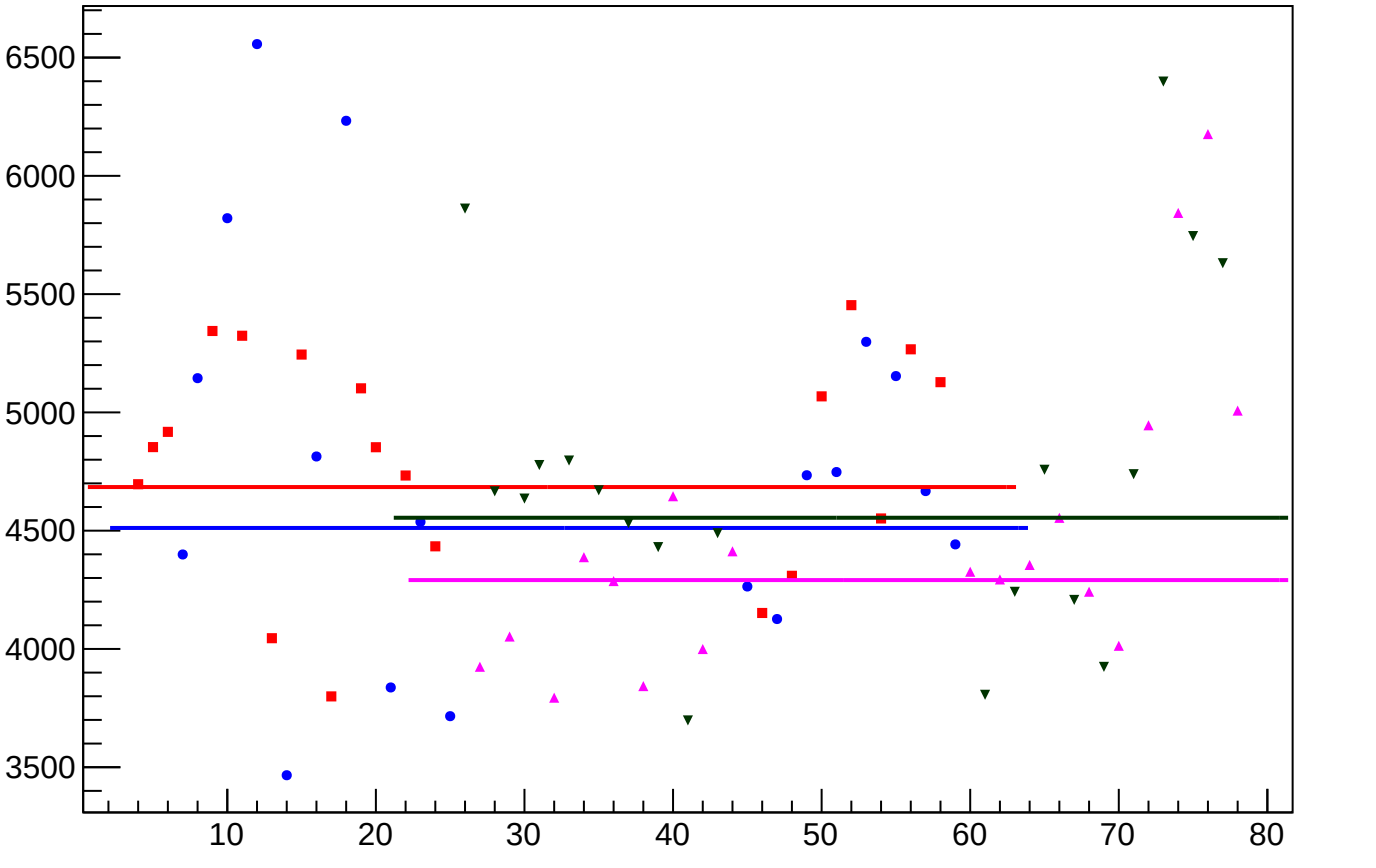
Left Out: 2.842+/-1.463 χ^2/NDF:13.3/18

Right Out: -2.180+/-1.492 χ^2/NDF: 15.2/18

Left In: -0.657+/-1.322 χ^2/NDF:29.1/18

2.149+/-1.000 χ^2/NDF: 28.9/36

-1.327+/-0.990 χ^2/NDF: 44.9/37



Right In: 4511.494+/-0.968 χ^2/NDF: 646999.1/17

Left Out: 4554.624+/-1.034 χ^2/NDF:356602.3/18

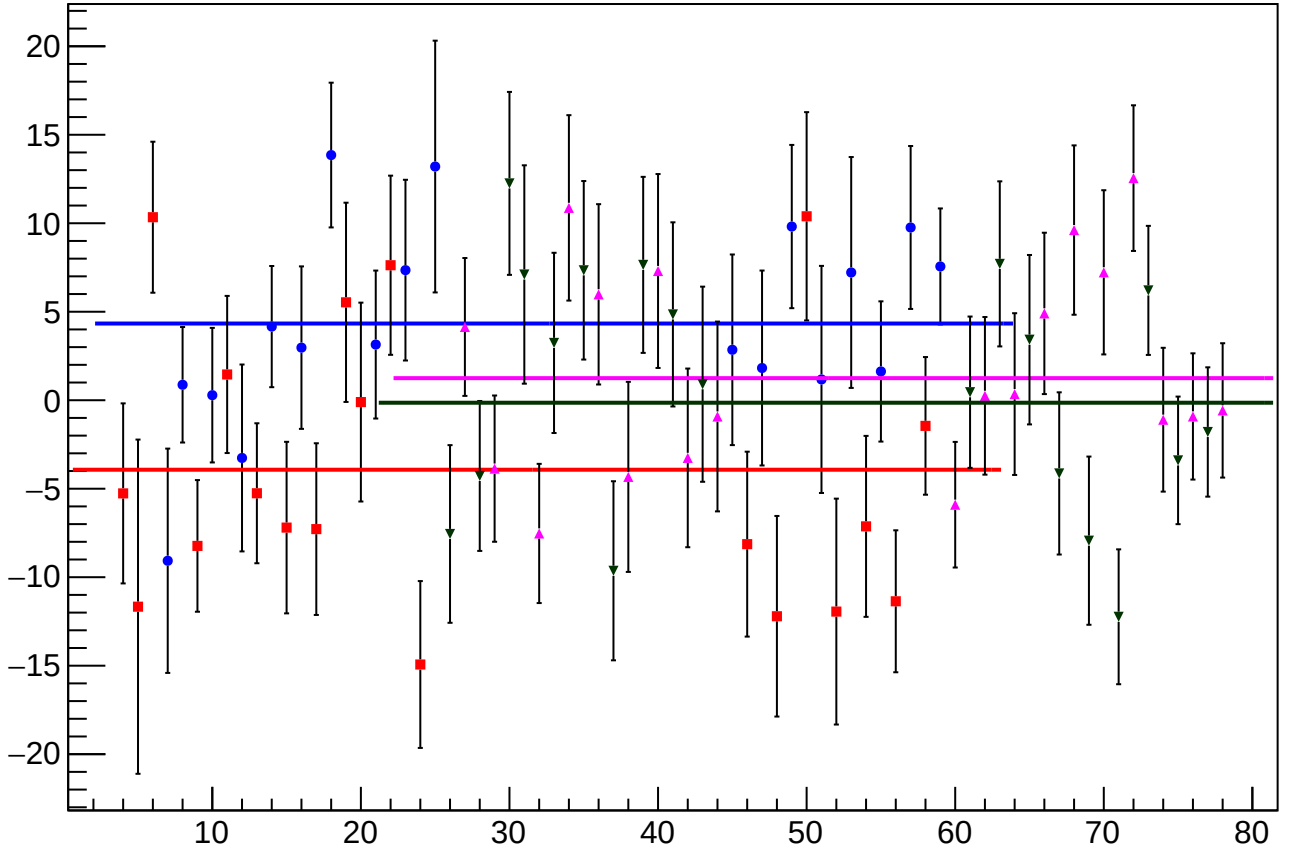
Right Out: 4684.391+/-1.055 χ^2/NDF: 240230.9/18

Left In: 4291.118+/-0.935 χ^2/NDF:297112.2/18

4531.636+/-0.707 χ^2/NDF: 1004528.2/36

4464.070+/-0.700 χ^2/NDF: 615143.1/37

diff_bpm12Y_mean vs slug



Right In: 4.334+/-1.055 χ^2/NDF: 21.3/17

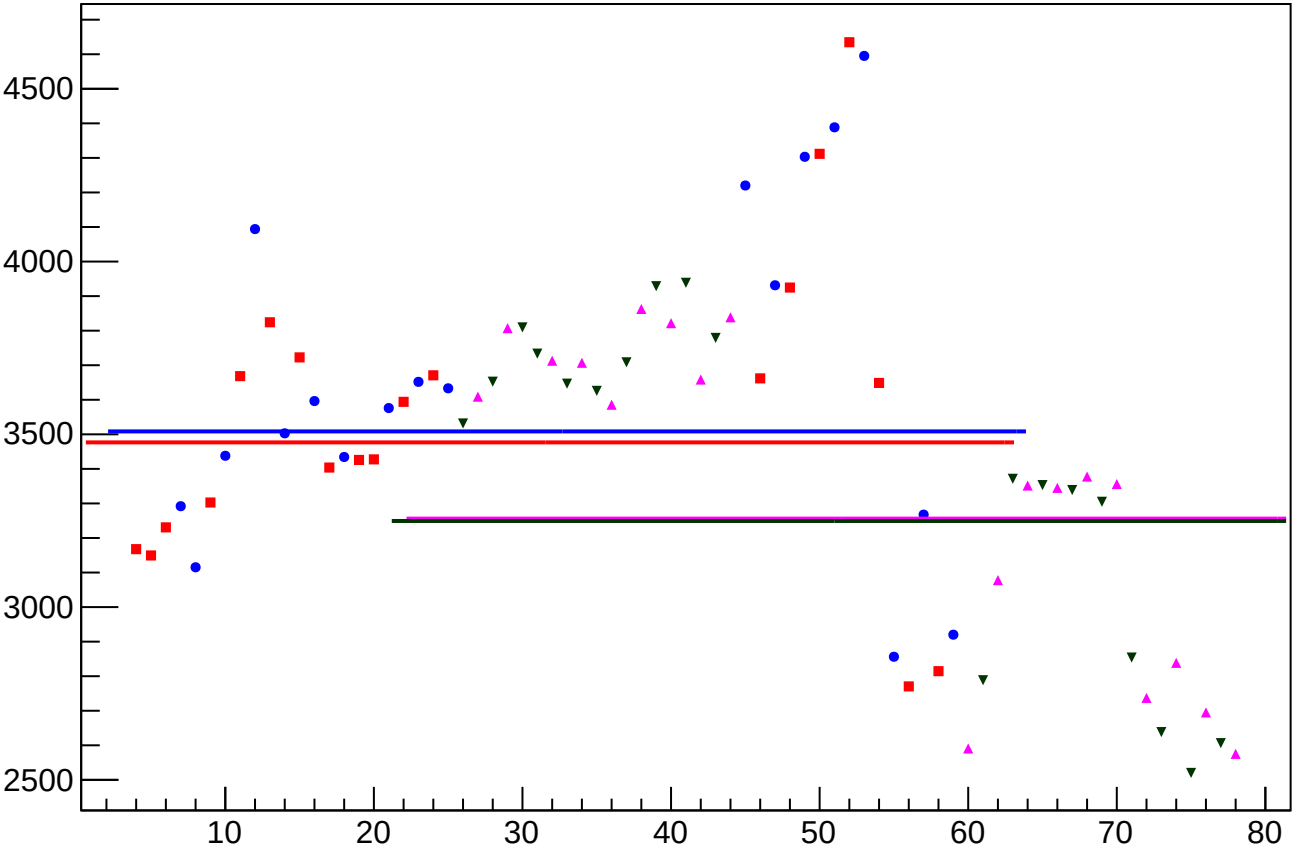
Left Out: -0.141+/-1.043 χ^2/NDF:40.8/18

Right Out: -3.927+/-1.110 χ^2/NDF: 44.2/18

Left In: 1.247+/-1.005 χ^2/NDF:32.5/18

2.071+/-0.742 χ^2/NDF: 71.2/36

-1.084+/-0.745 χ^2/NDF: 88.7/37



Right In: 3508.449+/-0.746 χ^2/NDF: 384135.9/17

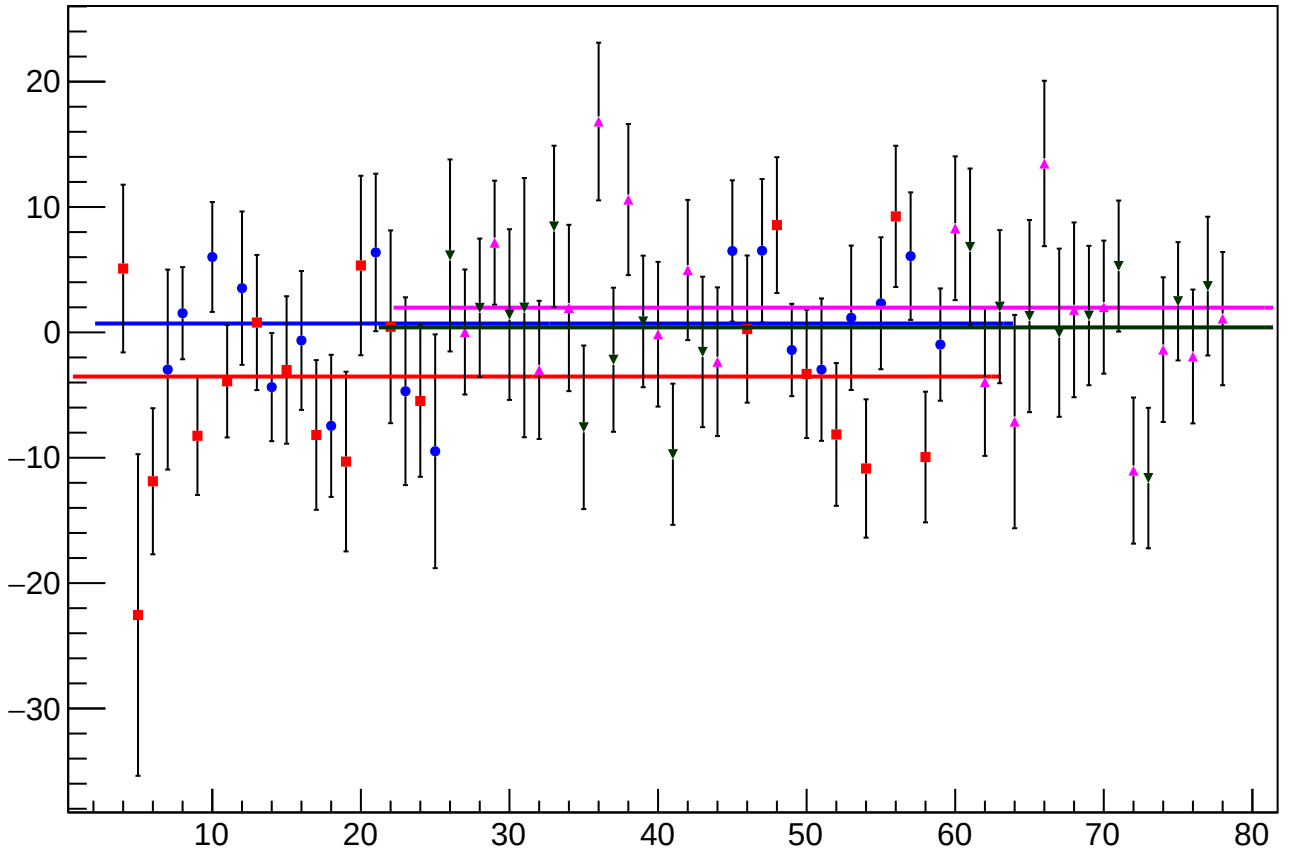
Left Out: 3249.236+/-0.738 χ^2/NDF:439030.6/18

Right Out: 3476.662+/-0.785 χ^2/NDF: 293750.8/18

Left In: 3256.035+/-0.711 χ^2/NDF:429394.0/18

3377.379+/-0.525 χ^2/NDF: 884188.8/36

3355.456+/-0.527 χ^2/NDF: 766563.3/37



Right In: 0.708+/-1.229 χ^2/NDF: 12.2/17

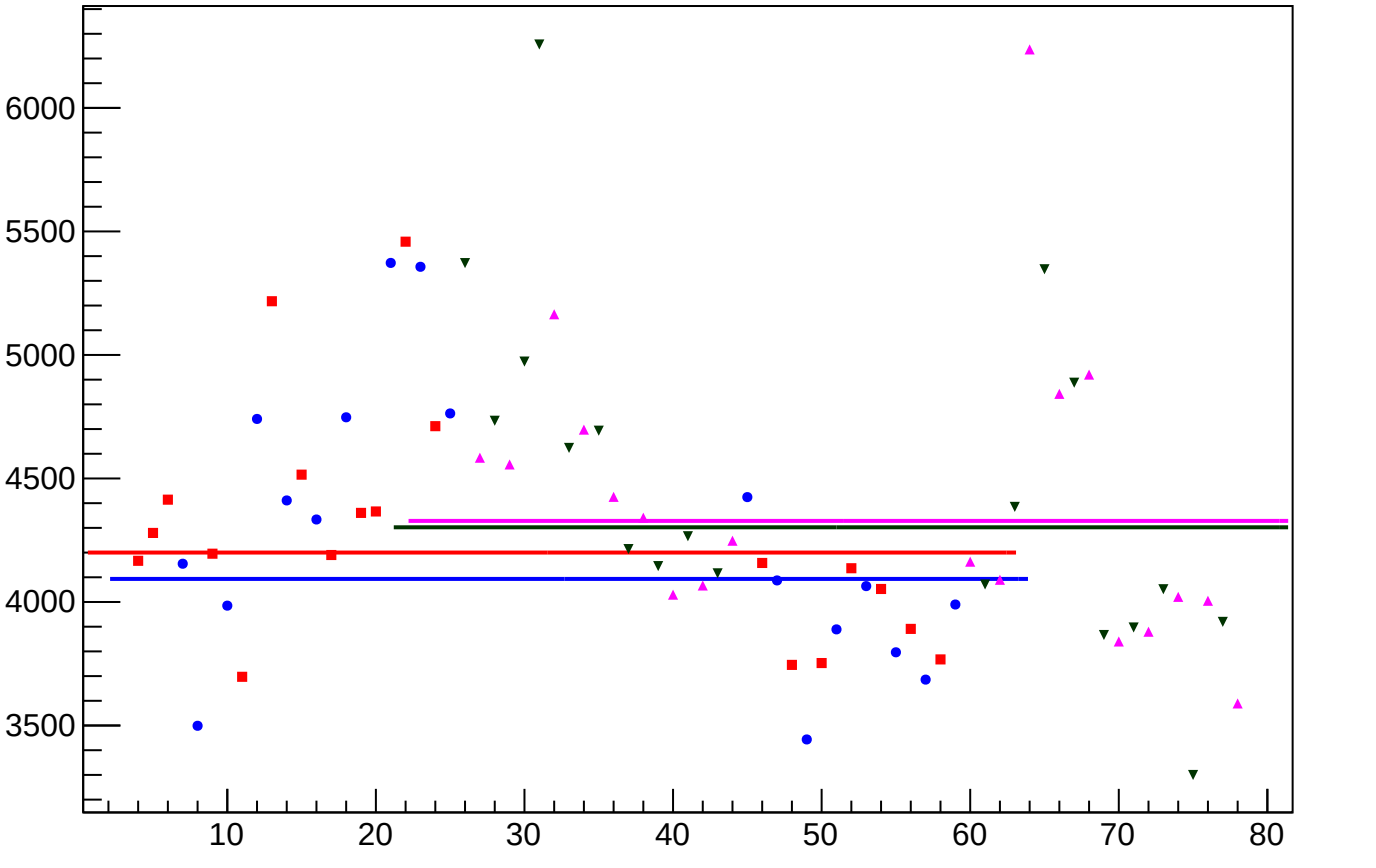
Left Out: 0.398+/-1.381 χ^2/NDF:14.5/18

Right Out: -3.522+/-1.336 χ^2/NDF: 25.4/18

Left In: 1.973+/-1.334 χ^2/NDF:22.9/18

0.571+/-0.918 χ^2/NDF: 26.7/36

-0.770+/-0.944 χ^2/NDF: 56.8/37



Right In: 4093.382+/-0.869 χ^2/NDF: 359698.6/17

Left Out: 4302.332+/-0.977 χ^2/NDF:342166.9/18

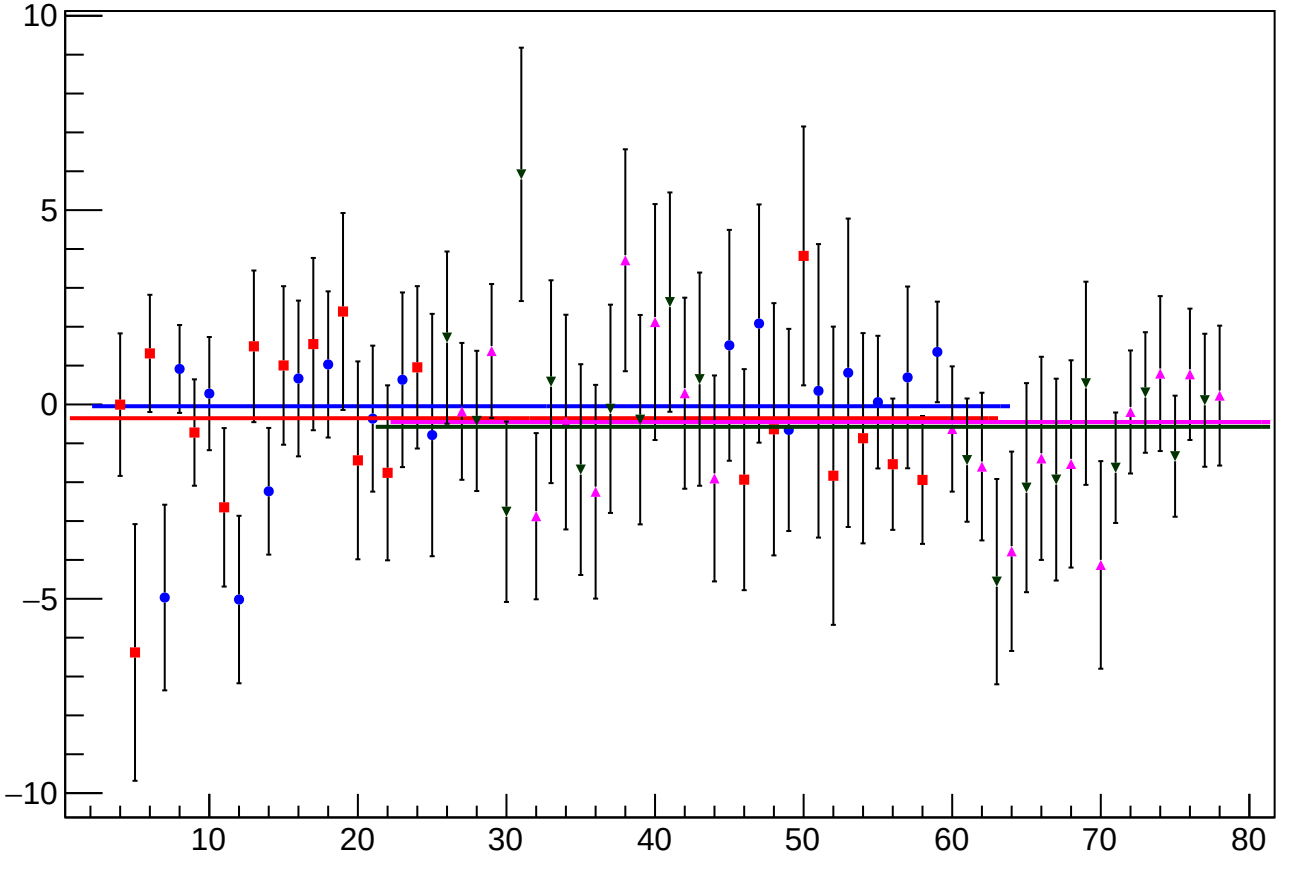
Right Out: 4200.125+/-0.945 χ^2/NDF: 225858.3/18

Left In: 4328.252+/-0.943 χ^2/NDF:284909.3/18

4185.695+/-0.649 χ^2/NDF: 727413.4/36

4264.285+/-0.667 χ^2/NDF: 519979.7/37

diff_bpm16Y_mean vs slug



Right In: -0.046+/-0.458 χ^2/NDF: 14.9/17

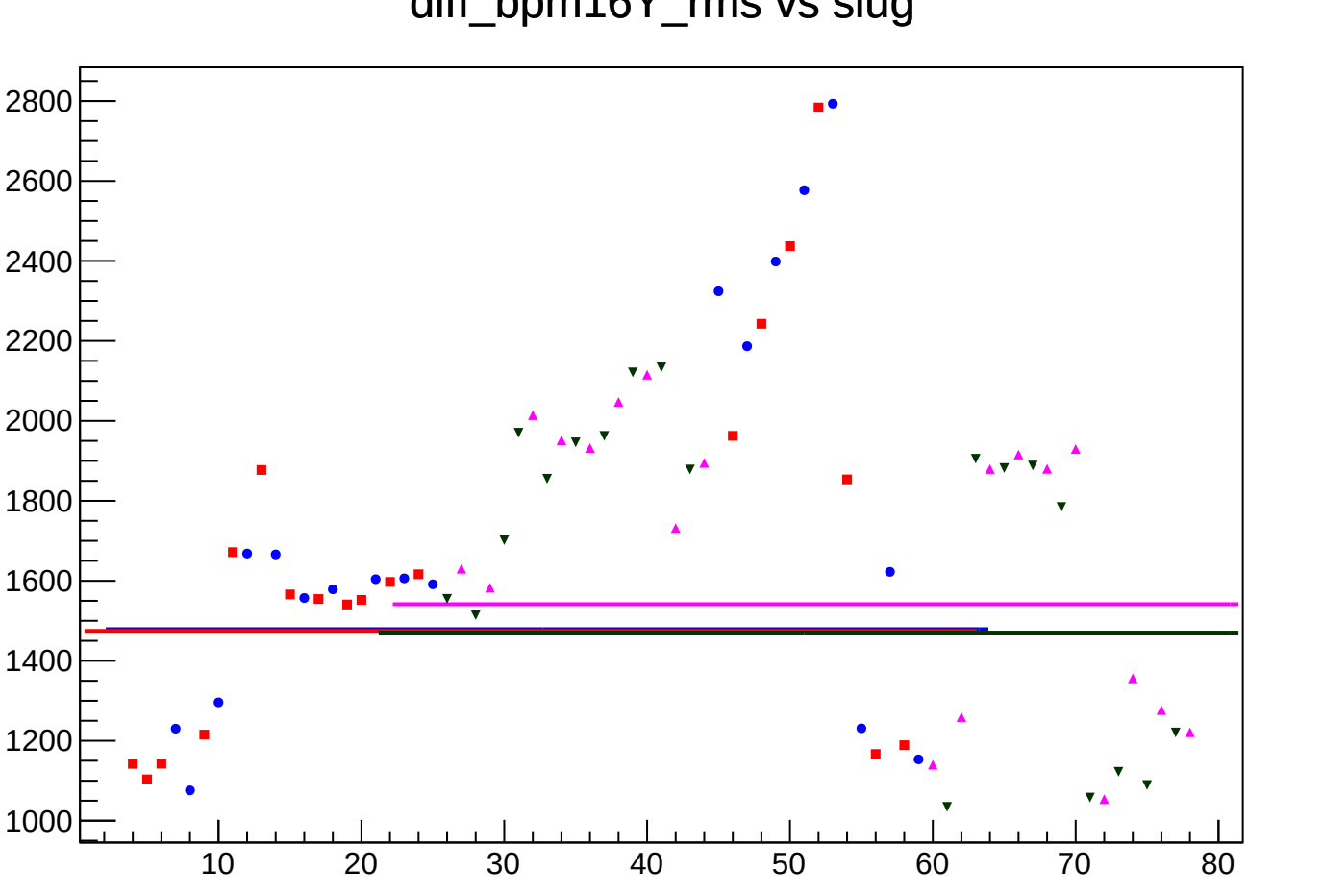
Left Out: -0.575+/-0.485 χ^2/NDF:12.5/18

Right Out: -0.354+/-0.483 χ^2/NDF: 13.6/18

Left In: -0.452+/-0.486 χ^2/NDF:11.4/18

-0.295+/-0.333 χ^2/NDF: 28.0/36

-0.402+/-0.343 χ^2/NDF: 25.1/37



Right In: 1479.014+/-0.324 χ^2/NDF: 1459343.9/17

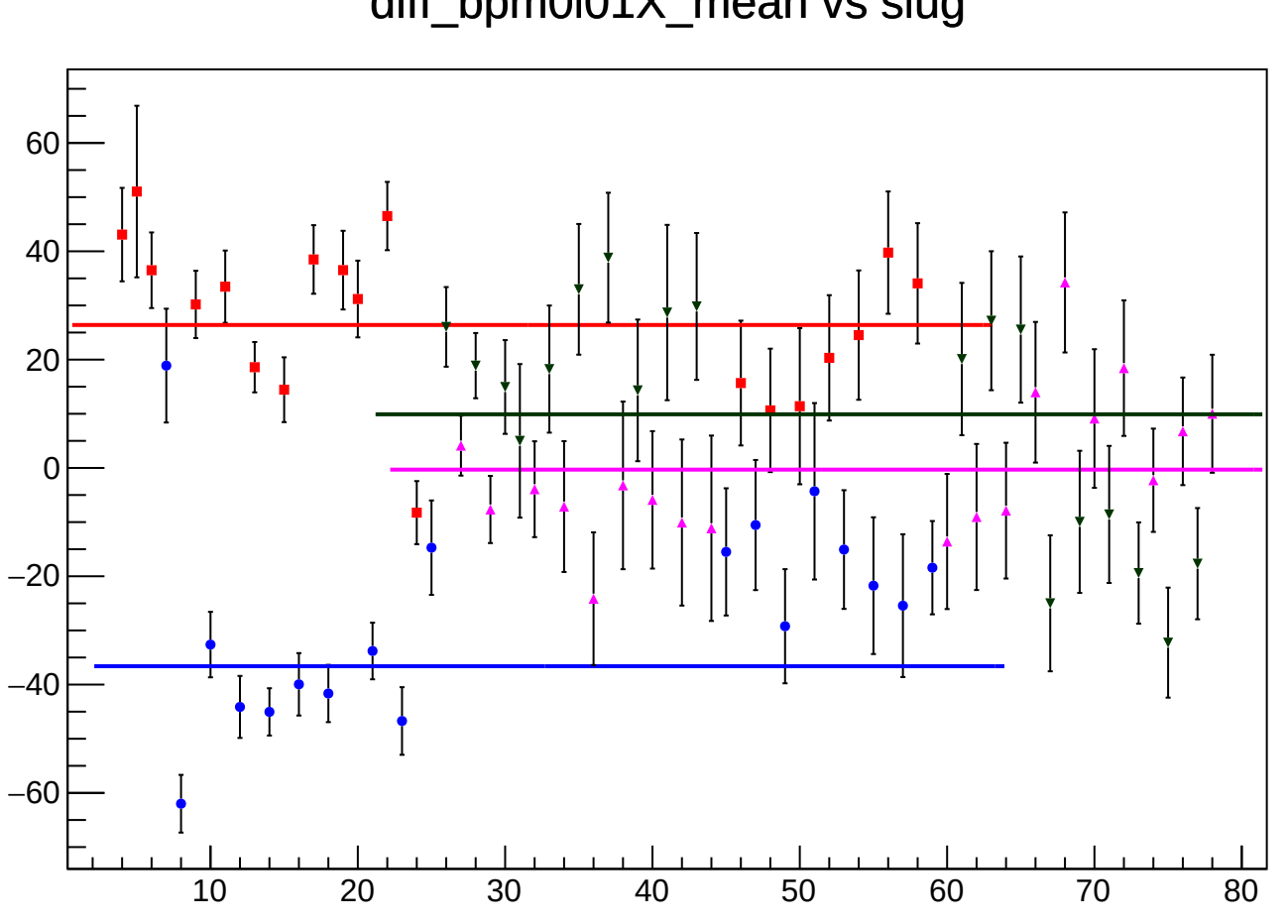
Left Out: 1470.428+/-0.343 χ^2/NDF:1279631.8/18

Right Out: 1474.750+/-0.342 χ^2/NDF: 1125200.2/18

Left In: 1541.561+/-0.344 χ^2/NDF:1008512.6/18

1474.967+/-0.236 χ^2/NDF: 2739306.7/36

1507.965+/-0.242 χ^2/NDF: 2152707.2/37



Right In: -36.608+/-1.674 χ^2/NDF: 89.8/17

Left Out: 9.905+/-2.453 χ^2/NDF:71.2/18

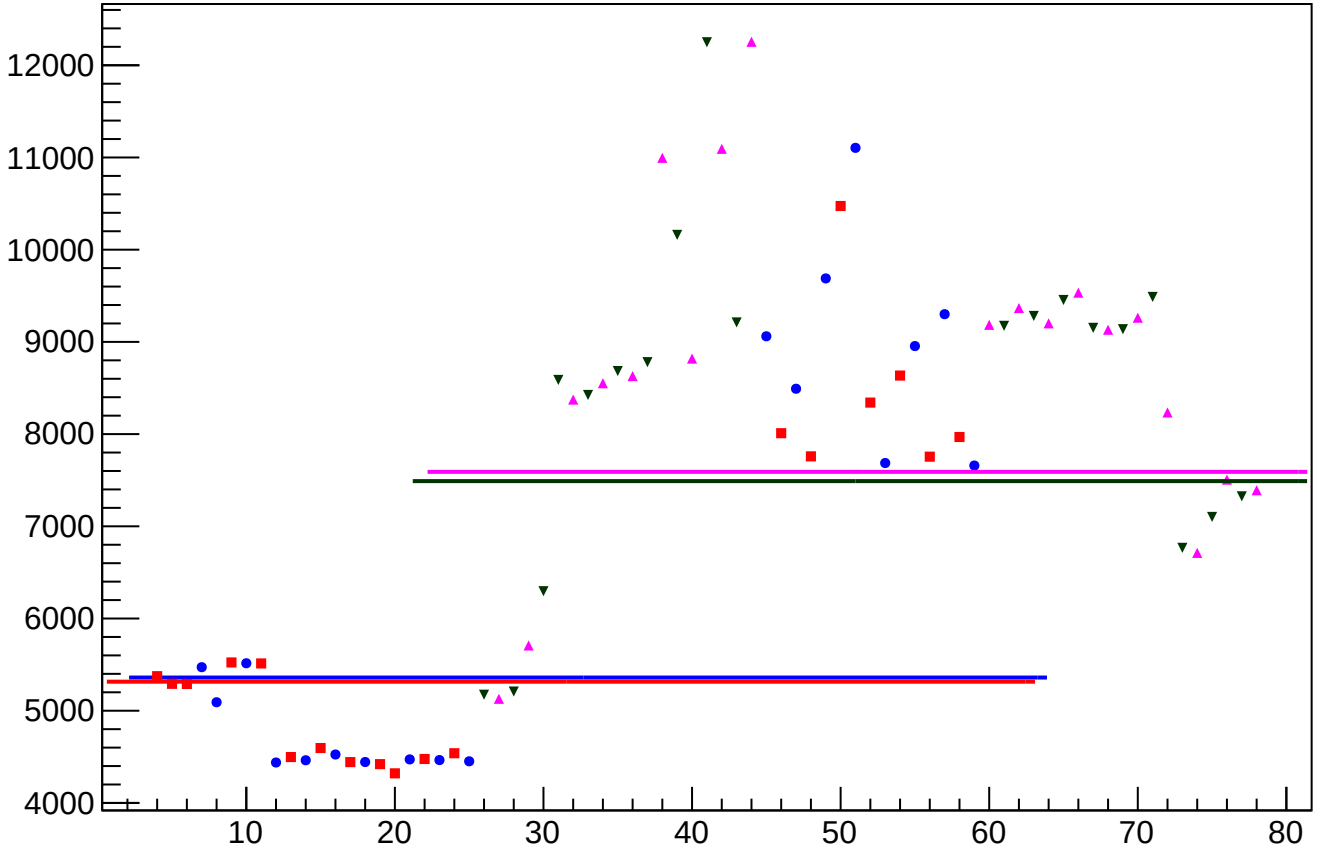
Right Out: 26.394+/-1.742 χ^2/NDF: 74.2/18

Left In: -0.311+/-2.388 χ^2/NDF:21.9/18

-21.825+/-1.383 χ^2/NDF: 406.3/36

17.122+/-1.407 χ^2/NDF: 177.7/37

diff_bpm0l01X_rms vs slug



Right In: 5359.964+/-1.184 χ^2/NDF: 1859958.8/17

Left Out: 7490.060+/-1.734 χ^2/NDF:1121809.9/18

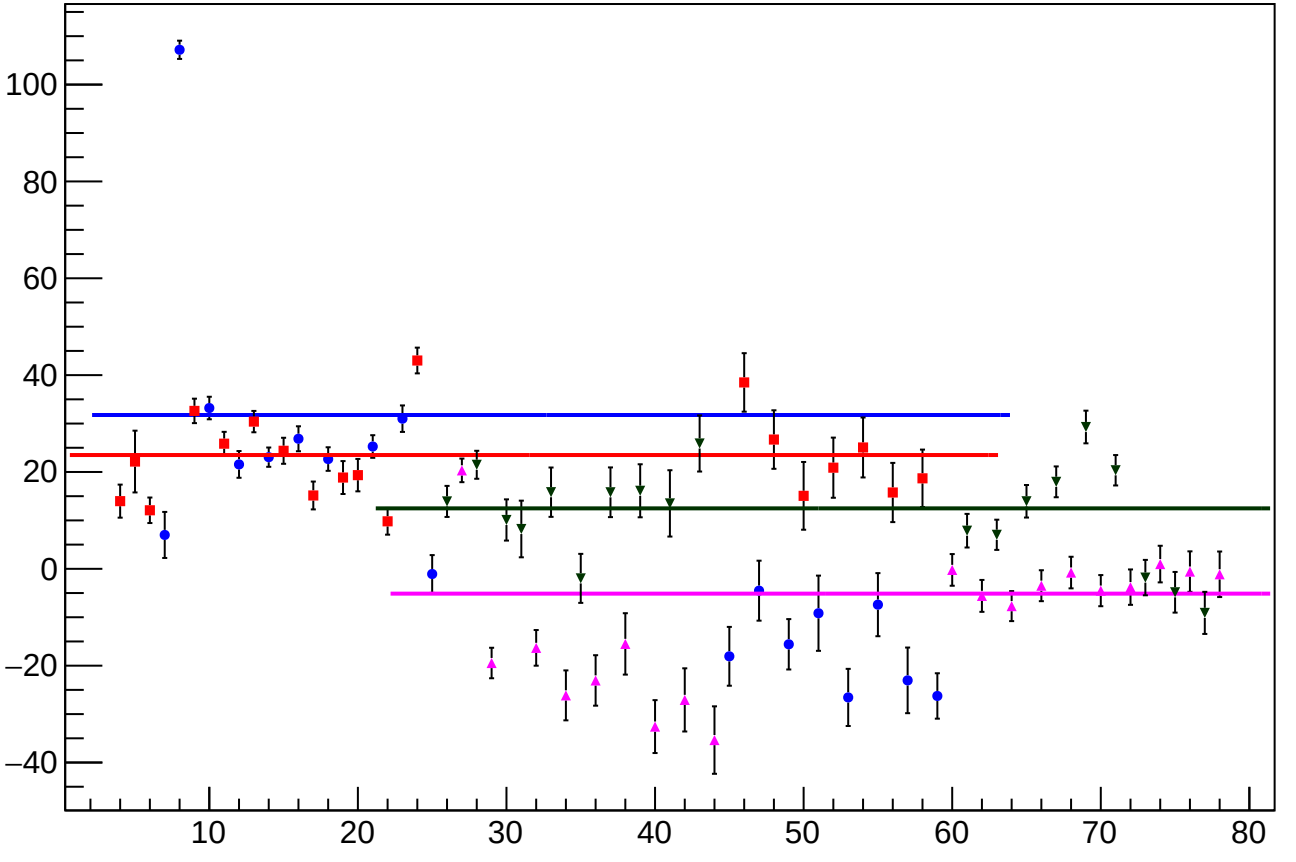
Right Out: 5315.062+/-1.232 χ^2/NDF: 1229938.4/18

Left In: 7590.608+/-1.689 χ^2/NDF:1222130.0/18

6036.938+/-0.978 χ^2/NDF: 4010927.4/36

6105.173+/-0.995 χ^2/NDF: 3637071.8/37

diff_bpm0l01Y_mean vs slug



Right In: 31.767+/-0.741 χ^2/NDF: 2323.1/17

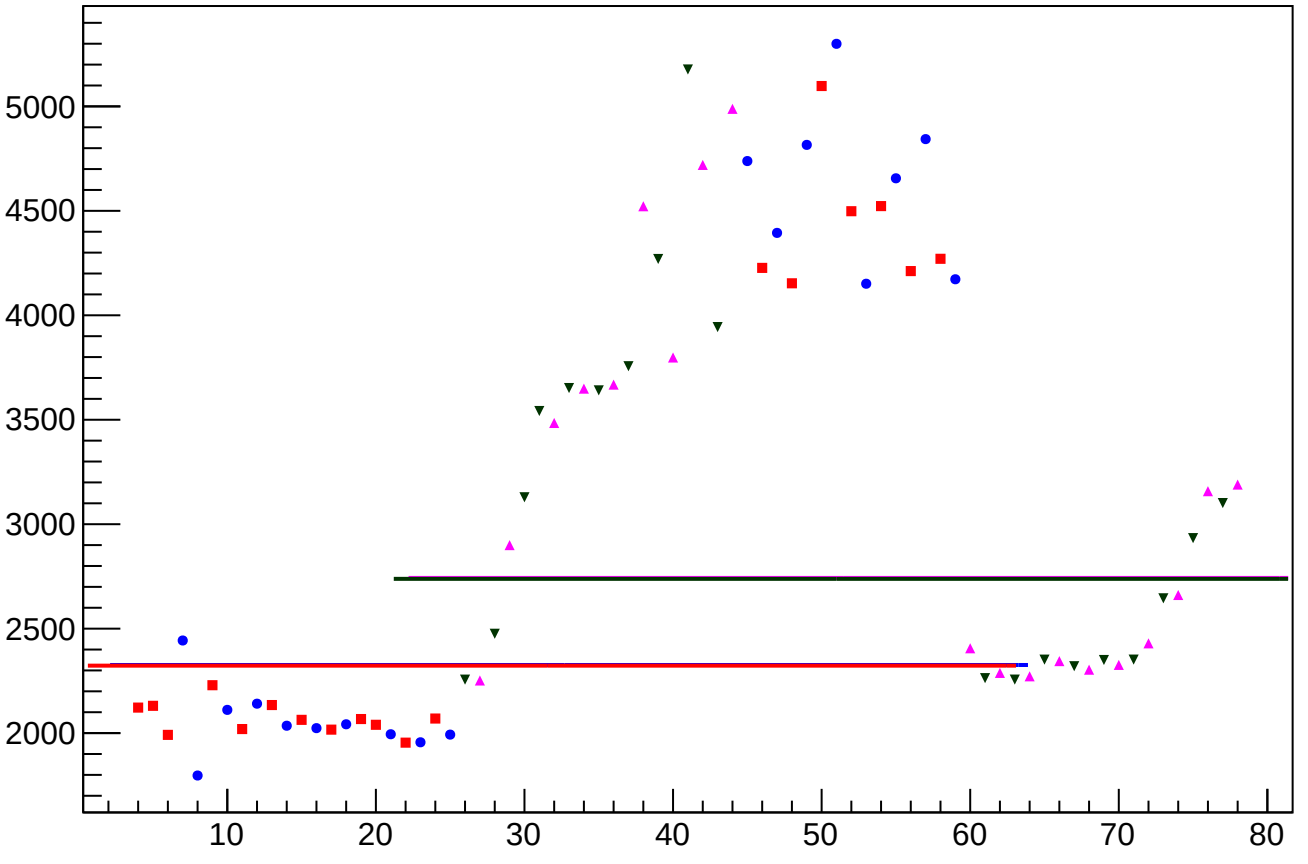
Left Out: 12.486+/-0.895 χ^2/NDF:121.6/18

Right Out: 23.500+/-0.773 χ^2/NDF: 151.3/18

Left In: -5.125+/-0.862 χ^2/NDF:235.4/18

23.928+/-0.571 χ^2/NDF: 2720.1/36

10.747+/-0.575 χ^2/NDF: 998.2/37



Right In: 2326.082+/-0.524 χ^2/NDF: 2696546.0/17

Left Out: 2738.413+/-0.633 χ^2/NDF:1041895.4/18

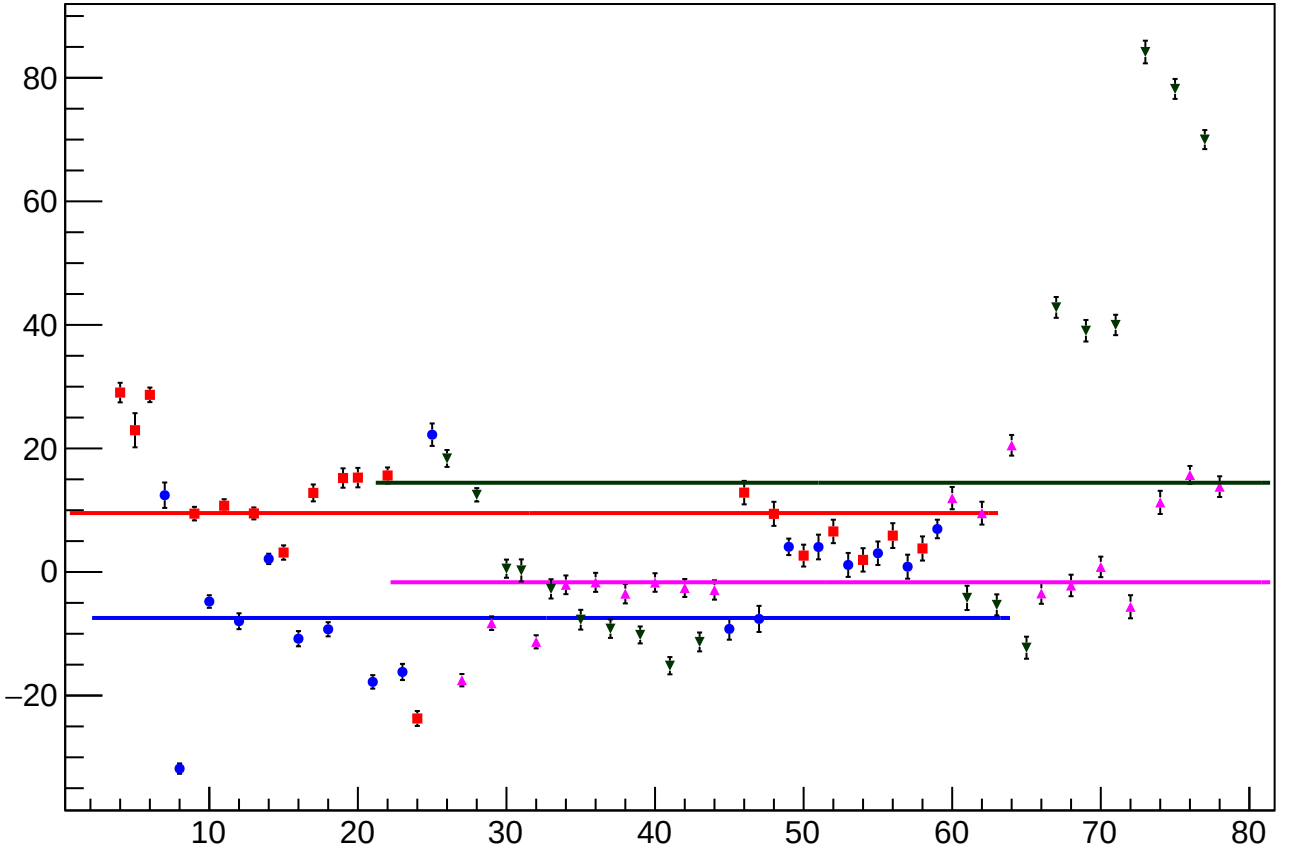
Right Out: 2322.918+/-0.546 χ^2/NDF: 1810759.5/18

Left In: 2742.872+/-0.609 χ^2/NDF:1175611.6/18

2493.714+/-0.404 χ^2/NDF: 3990325.3/36

2510.010+/-0.407 χ^2/NDF: 3249617.1/37

diff_bpm2i01X_mean vs slug



Right In: -7.442+/-0.310 χ^2/NDF: 1753.9/17

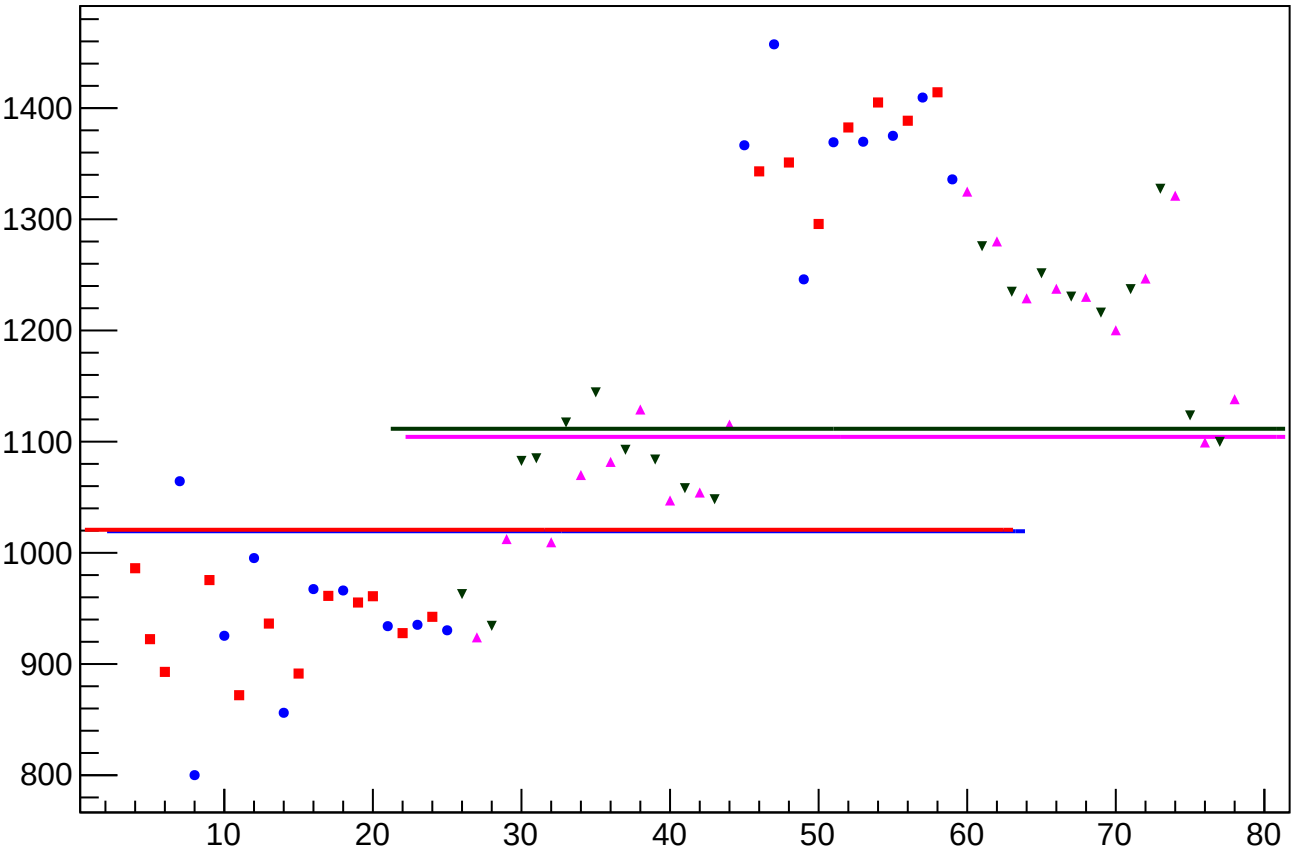
Left Out: 14.448+/-0.355 χ^2/NDF:7254.0/18

Right Out: 9.540+/-0.328 χ^2/NDF: 1327.8/18

Left In: -1.662+/-0.339 χ^2/NDF:923.7/18

2.031+/-0.233 χ^2/NDF: 11166.6/36

4.134+/-0.236 χ^2/NDF: 2815.6/37



Right In: 1019.424+/-0.219 χ^2/NDF: 852878.1/17

Left Out: 1111.587+/-0.251 χ^2/NDF:179911.8/18

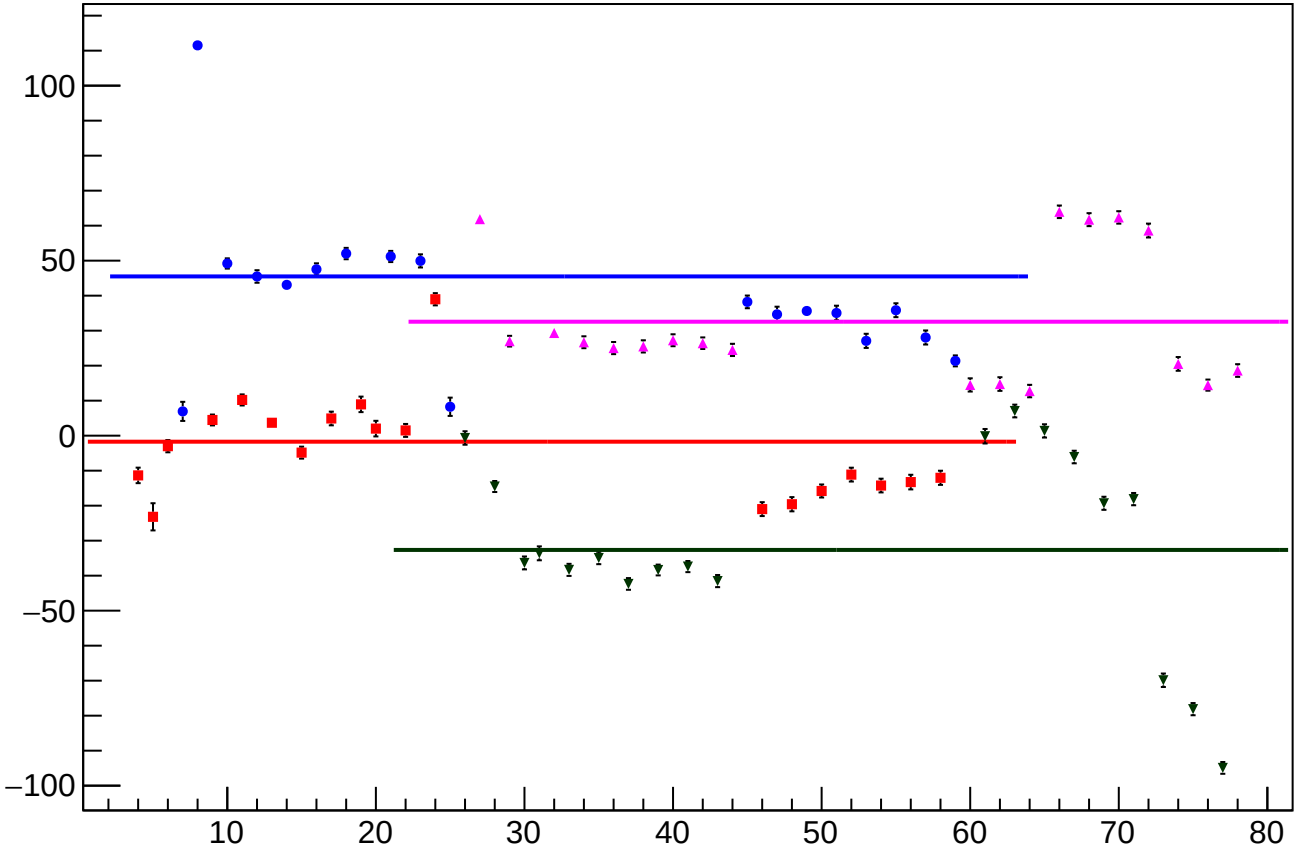
Right Out: 1020.749+/-0.232 χ^2/NDF: 605072.5/18

Left In: 1104.301+/-0.240 χ^2/NDF:229921.0/18

1059.307+/-0.165 χ^2/NDF: 1109321.7/36

1061.072+/-0.167 χ^2/NDF: 897768.9/37

diff_bpm2i01Y_mean vs slug



Right In: 45.496+/-0.408 χ^2/NDF: 3402.2/17

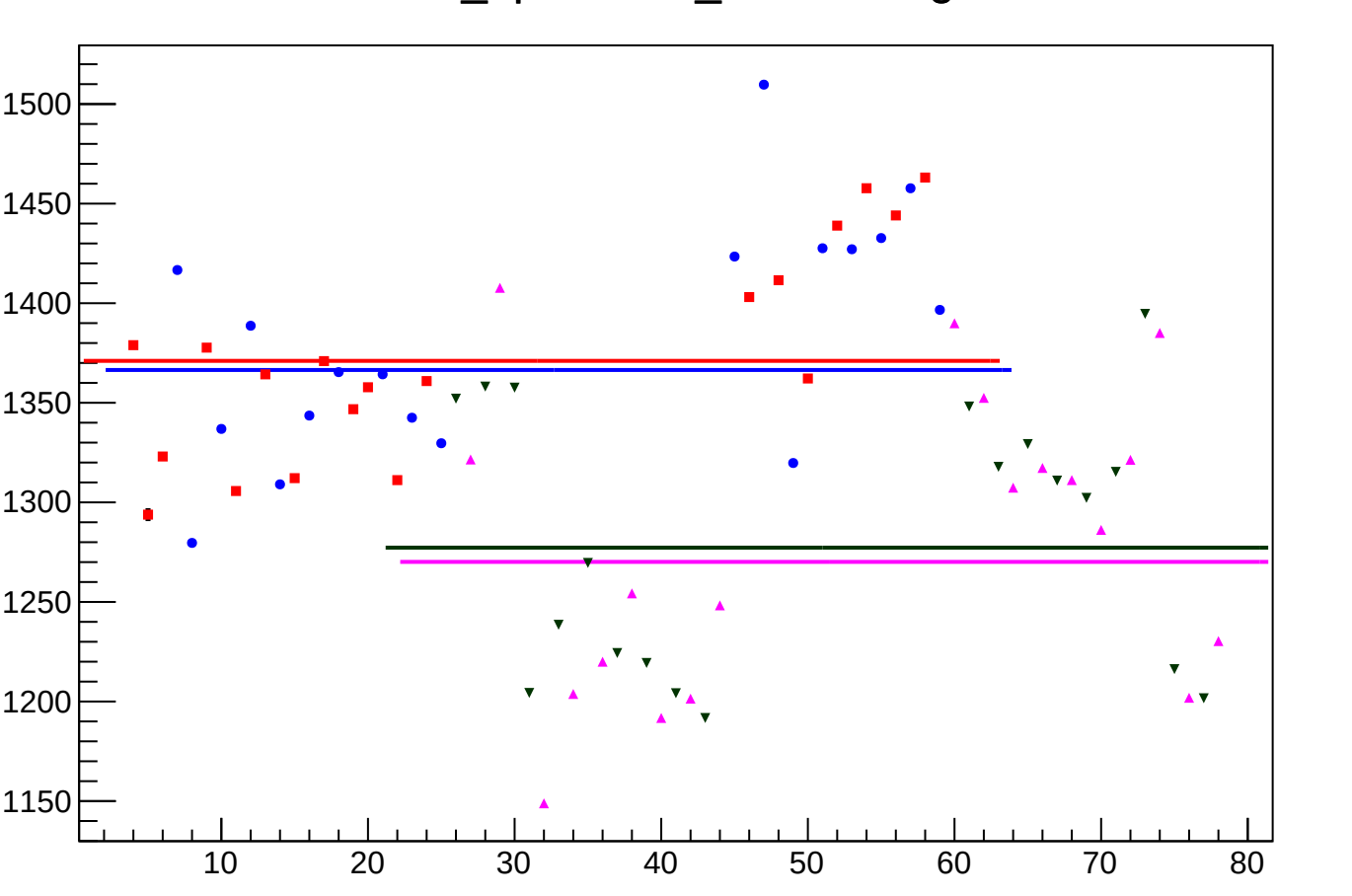
Left Out: -32.649+/-0.406 χ^2/NDF:4306.3/18

Right Out: -1.724+/-0.434 χ^2/NDF: 1071.7/18

Left In: 32.555+/-0.389 χ^2/NDF:2062.9/18

6.259+/-0.288 χ^2/NDF: 26133.3/36

17.302+/-0.289 χ^2/NDF: 6598.2/37



Right In: 1366.474+/-0.288 χ^2/NDF: 38633.0/17

Left Out: 1277.262+/-0.287 χ^2/NDF:50436.9/18

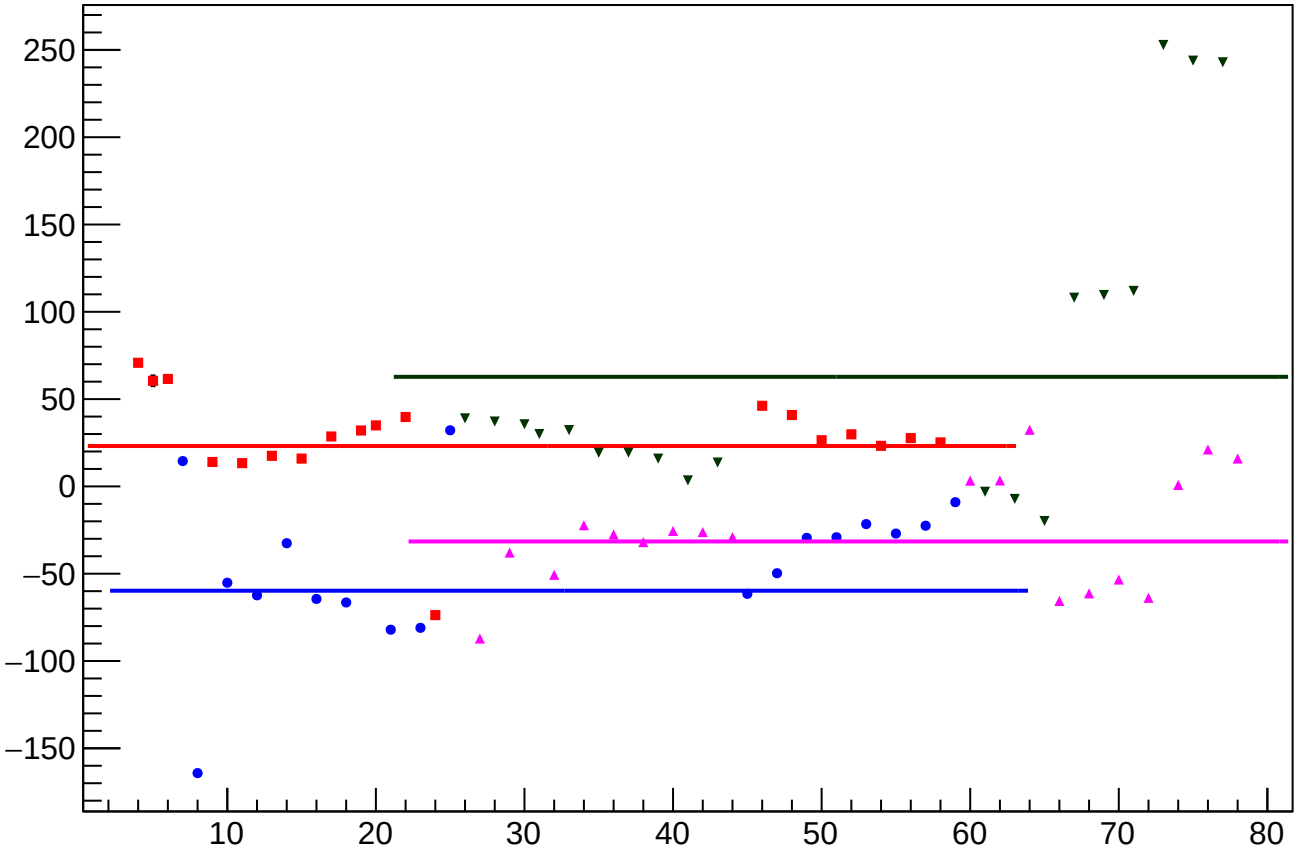
Right Out: 1371.055+/-0.307 χ^2/NDF: 24860.5/18

Left In: 1270.115+/-0.275 χ^2/NDF:79354.8/18

1321.680+/-0.204 χ^2/NDF: 137095.6/36

1315.029+/-0.205 χ^2/NDF: 164281.8/37

diff_bpm2i02X_mean vs slug



Right In: -59.738+/-0.343 χ^2/NDF: 18760.8/17

Left Out: 62.759+/-0.370 χ^2/NDF:48314.4/18

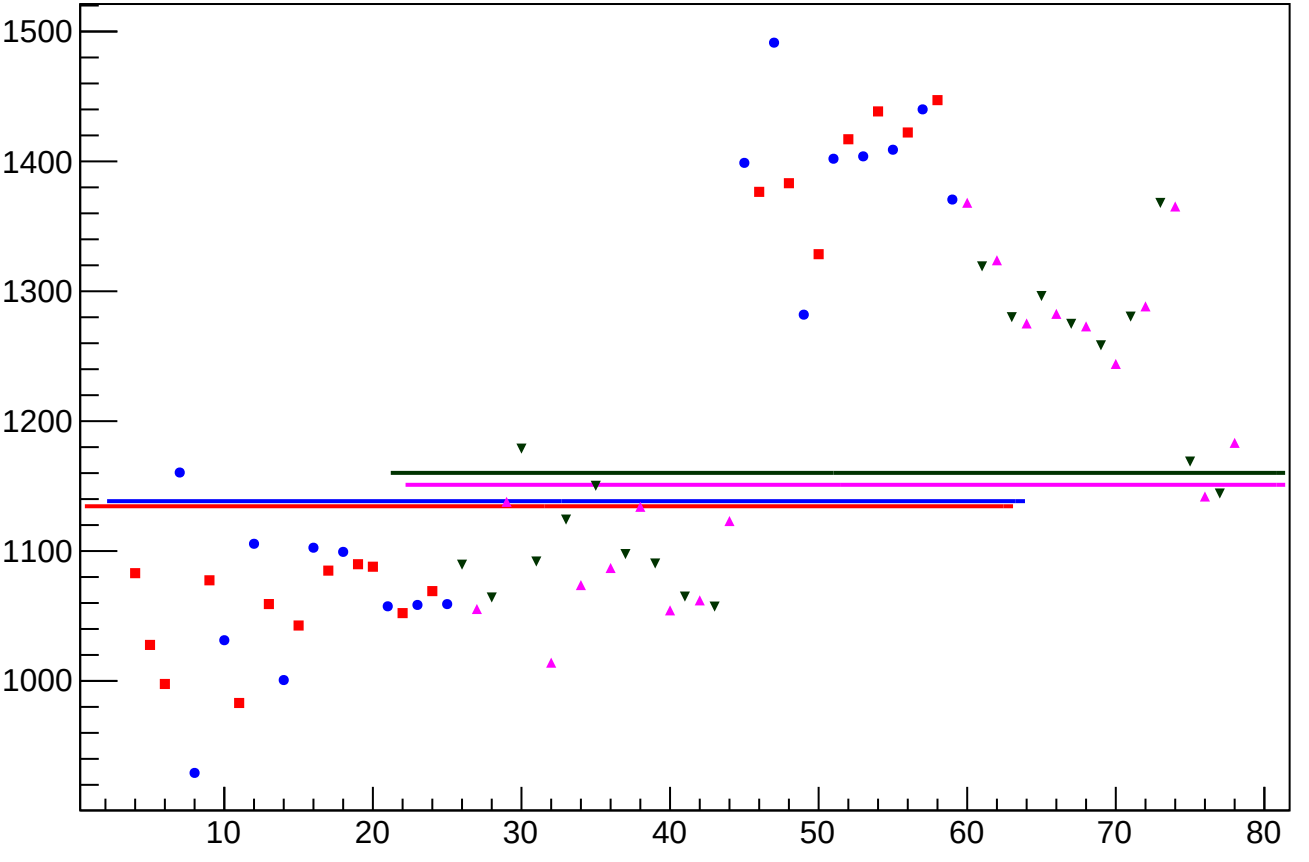
Right Out: 23.126+/-0.362 χ^2/NDF: 7355.2/18

Left In: -31.527+/-0.353 χ^2/NDF:8159.1/18

-3.065+/-0.252 χ^2/NDF: 126034.4/36

-4.860+/-0.253 χ^2/NDF: 27199.1/37

diff_bpm2i02X_rms vs slug



Right In: 1138.411+/-0.243 χ^2/NDF: 488075.7/17

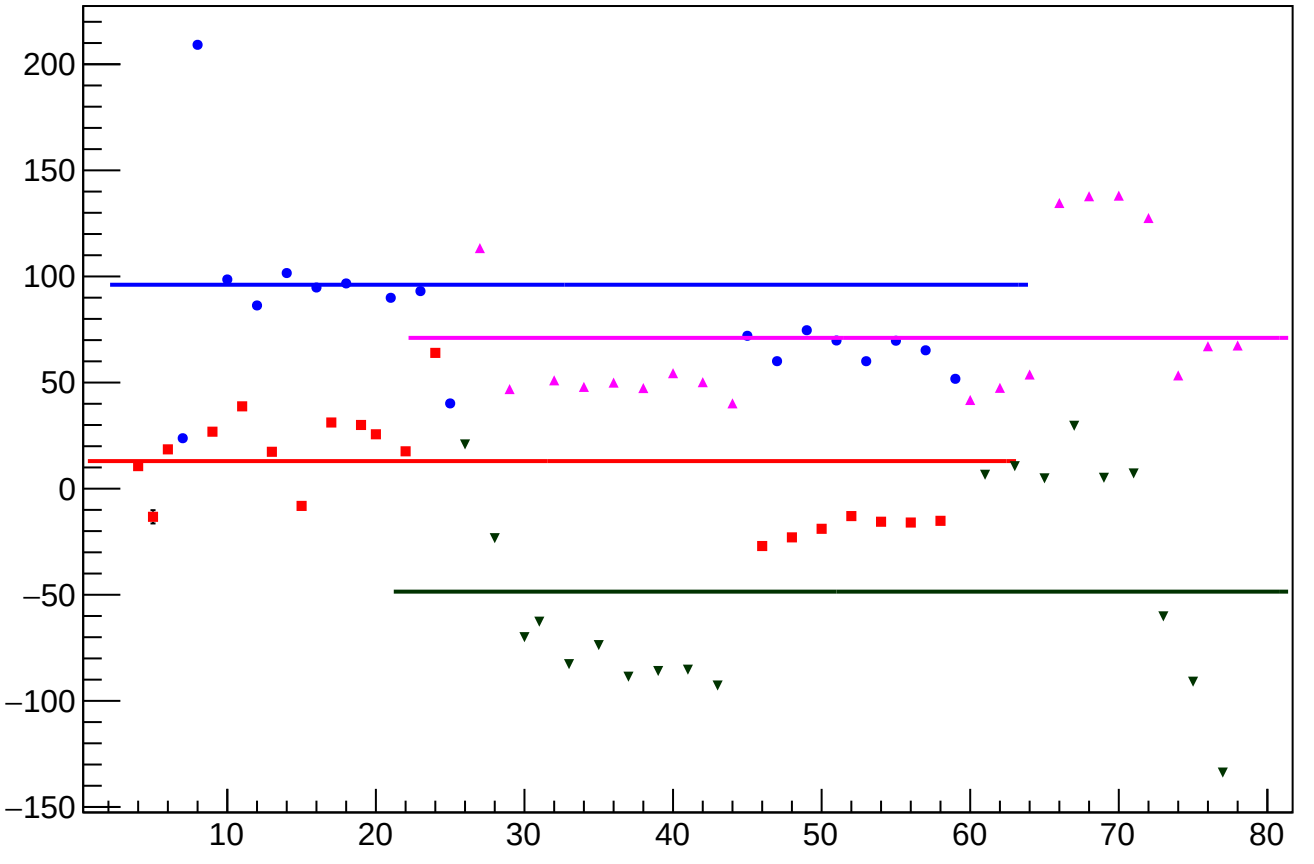
Left Out: 1160.188+/-0.261 χ^2/NDF:128305.9/18

Right Out: 1134.479+/-0.256 χ^2/NDF: 360721.2/18

Left In: 1150.999+/-0.250 χ^2/NDF:187301.0/18

1148.486+/-0.178 χ^2/NDF: 620108.3/36

1142.939+/-0.179 χ^2/NDF: 550157.6/37



Right In: 96.096+/-0.343 χ^2/NDF: 17116.6/17

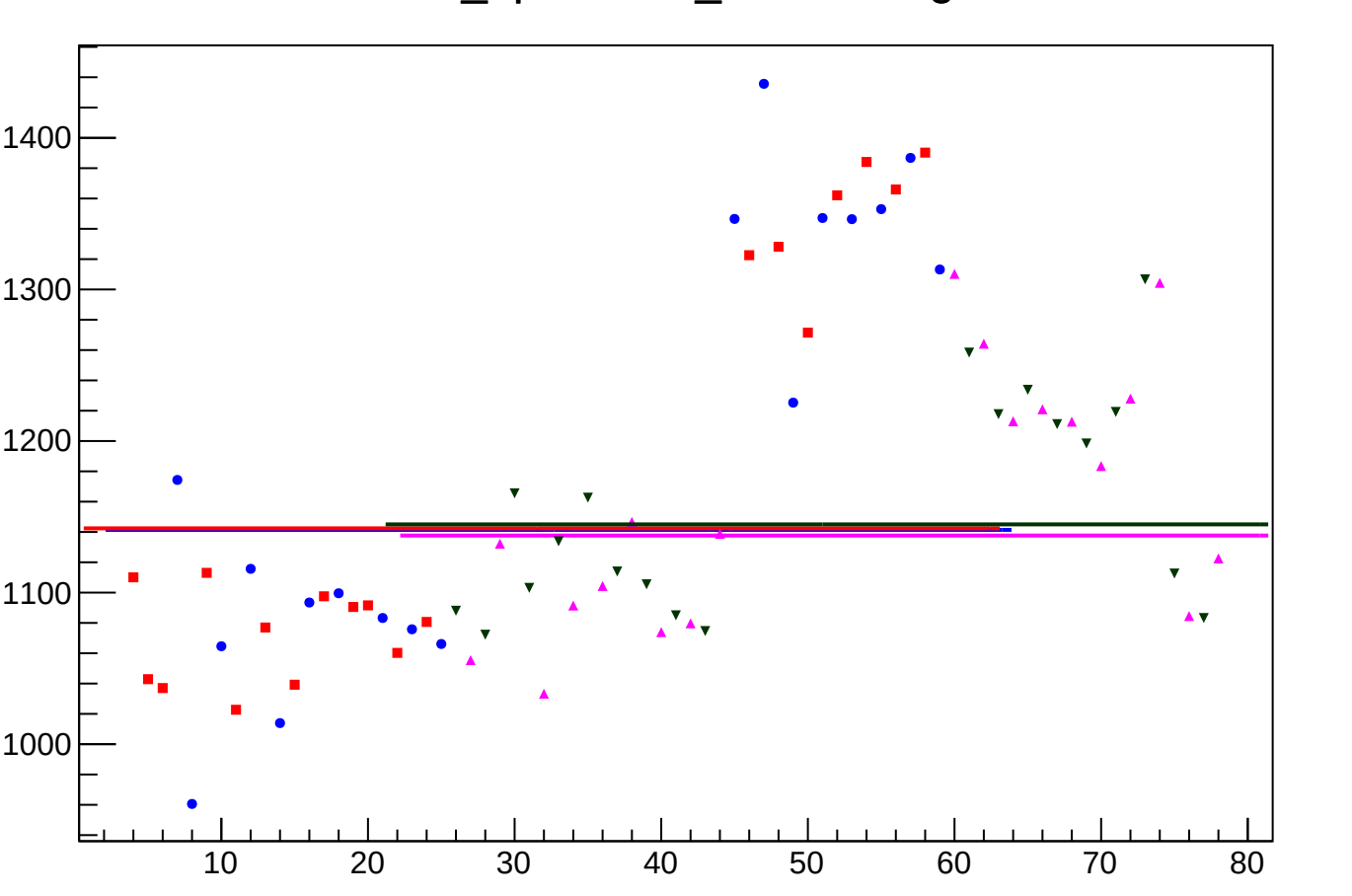
Left Out: -48.525+/-0.364 χ^2/NDF:17448.4/18

Right Out: 12.992+/-0.363 χ^2/NDF: 4541.3/18

Left In: 71.058+/-0.348 χ^2/NDF:9639.7/18

28.178+/-0.250 χ^2/NDF: 118111.7/36

43.242+/-0.251 χ^2/NDF: 27491.8/37



Right In: 1141.379+/-0.242 χ^2/NDF: 329306.4/17

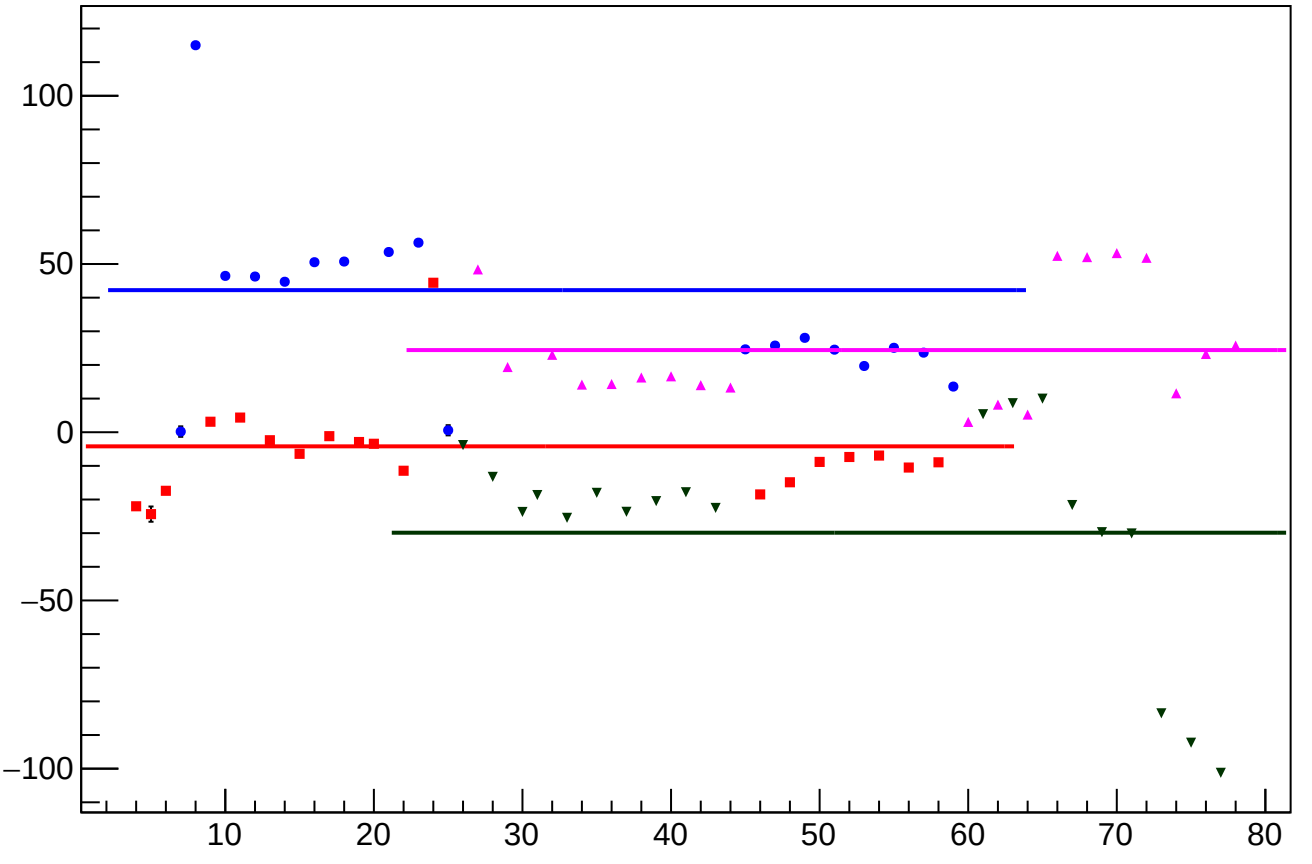
Left Out: 1145.010+/-0.258 χ^2/NDF:66341.2/18

Right Out: 1142.390+/-0.257 χ^2/NDF: 236212.3/18

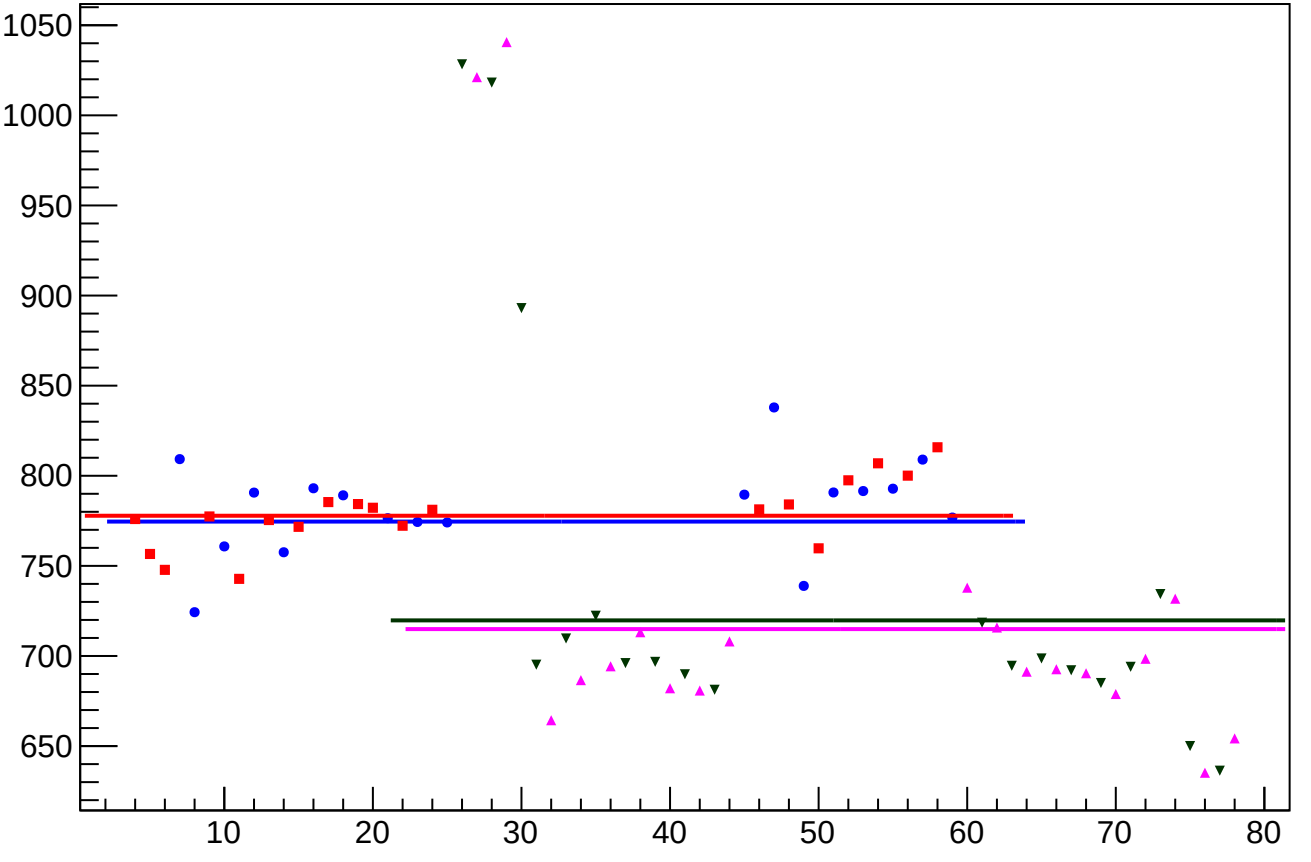
Left In: 1137.657+/-0.246 χ^2/NDF:104654.1/18

1143.084+/-0.177 χ^2/NDF: 395752.9/36

1139.924+/-0.178 χ^2/NDF: 341043.2/37


diff_bpm1i04X_mean vs slug
100
50
0
−50
−100
10
20
30
40
50
60
70
80
Right In: 42.233+/-0.231 χ²/NDF: 14293.4/17
Left Out: -29.867+/-0.230 χ²/NDF:19154.5/18
Right Out: -4.198+/-0.246 χ²/NDF: 3378.3/18
Left In: 24.417+/-0.220 χ²/NDF:5671.4/18
6.121+/-0.163 χ²/NDF: 82288.0/36
11.679+/-0.164 χ²/NDF: 16570.8/37

diff_bpm1i04X_rms vs slug



Right In: 774.583+/-0.163 χ^2/NDF: 26360.5/17

Left Out: 719.752+/-0.163 χ^2/NDF:303385.9/18

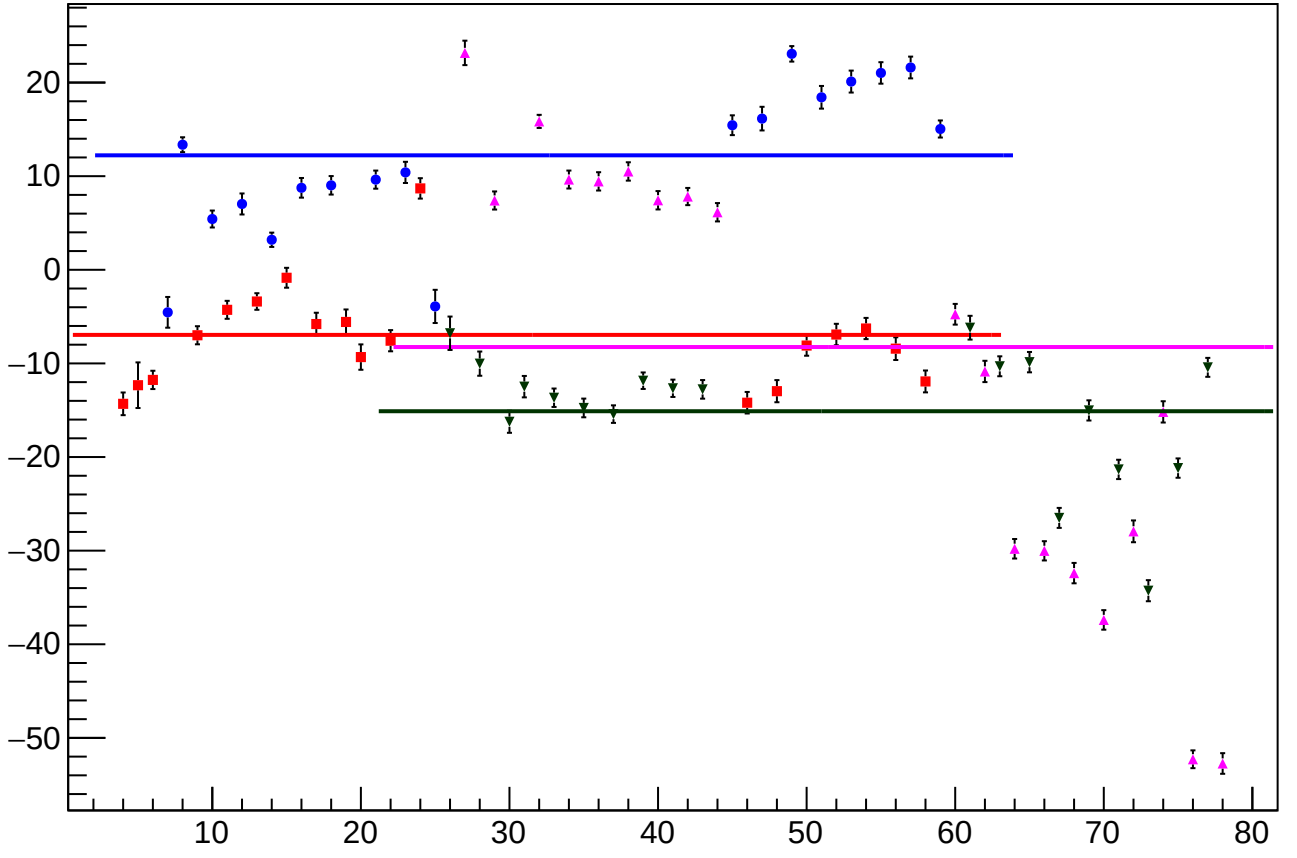
Right Out: 777.816+/-0.174 χ^2/NDF: 11180.5/18

Left In: 714.919+/-0.156 χ^2/NDF:373402.6/18

747.120+/-0.115 χ^2/NDF: 386238.0/36

742.919+/-0.116 χ^2/NDF: 457257.0/37

diff_bpm1i04Y_mean vs slug



Right In: 12.227+/-0.244 χ^2/NDF: 832.9/17

Left Out: -15.108+/-0.244 χ^2/NDF:660.7/18

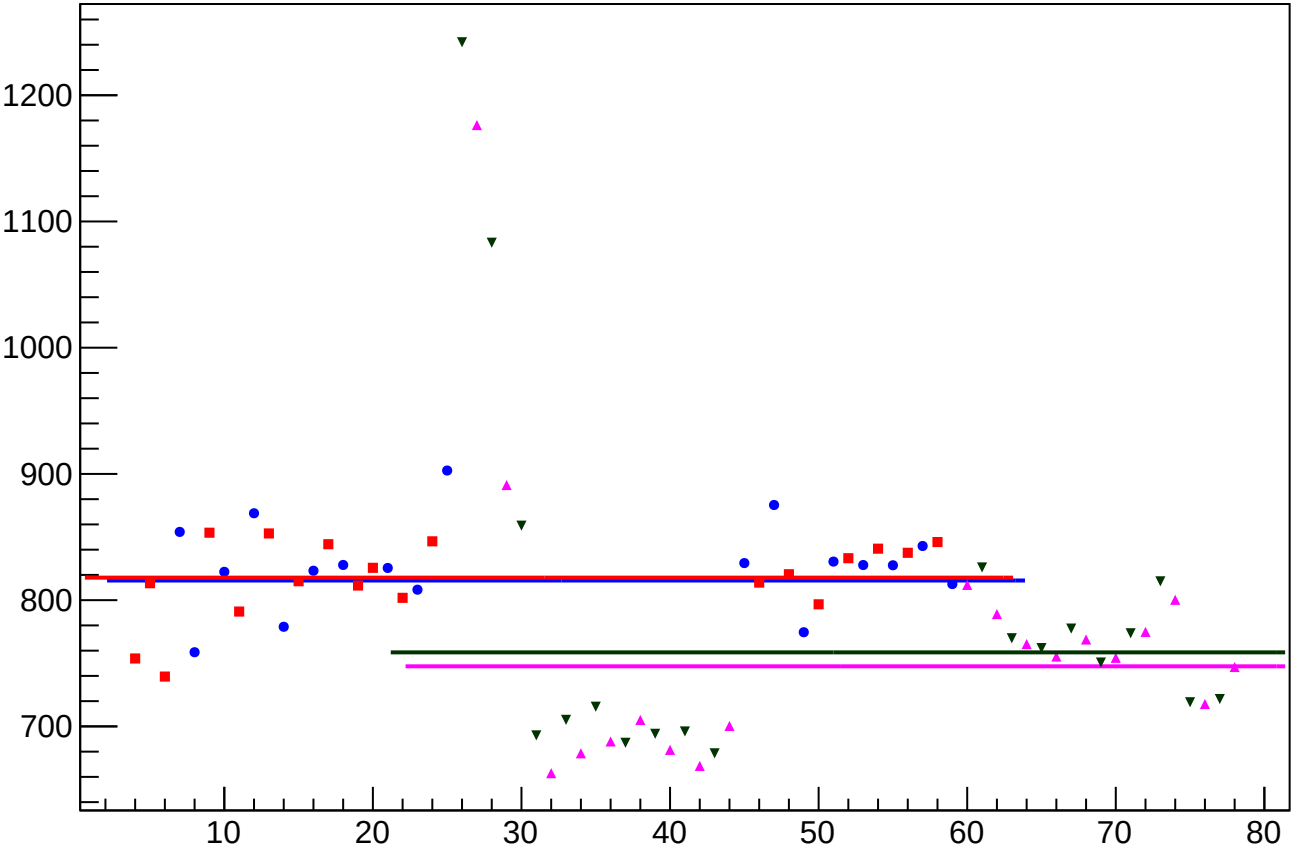
Right Out: -6.954+/-0.259 χ^2/NDF: 420.8/18

Left In: -8.250+/-0.231 χ^2/NDF:10102.5/18

-1.400+/-0.172 χ^2/NDF: 7775.4/36

-7.677+/-0.172 χ^2/NDF: 10537.2/37

diff_bpm1i04Y_rms vs slug



Right In: 815.575+/-0.172 χ^2/NDF: 37644.6/17

Left Out: 758.641+/-0.173 χ^2/NDF:365609.9/18

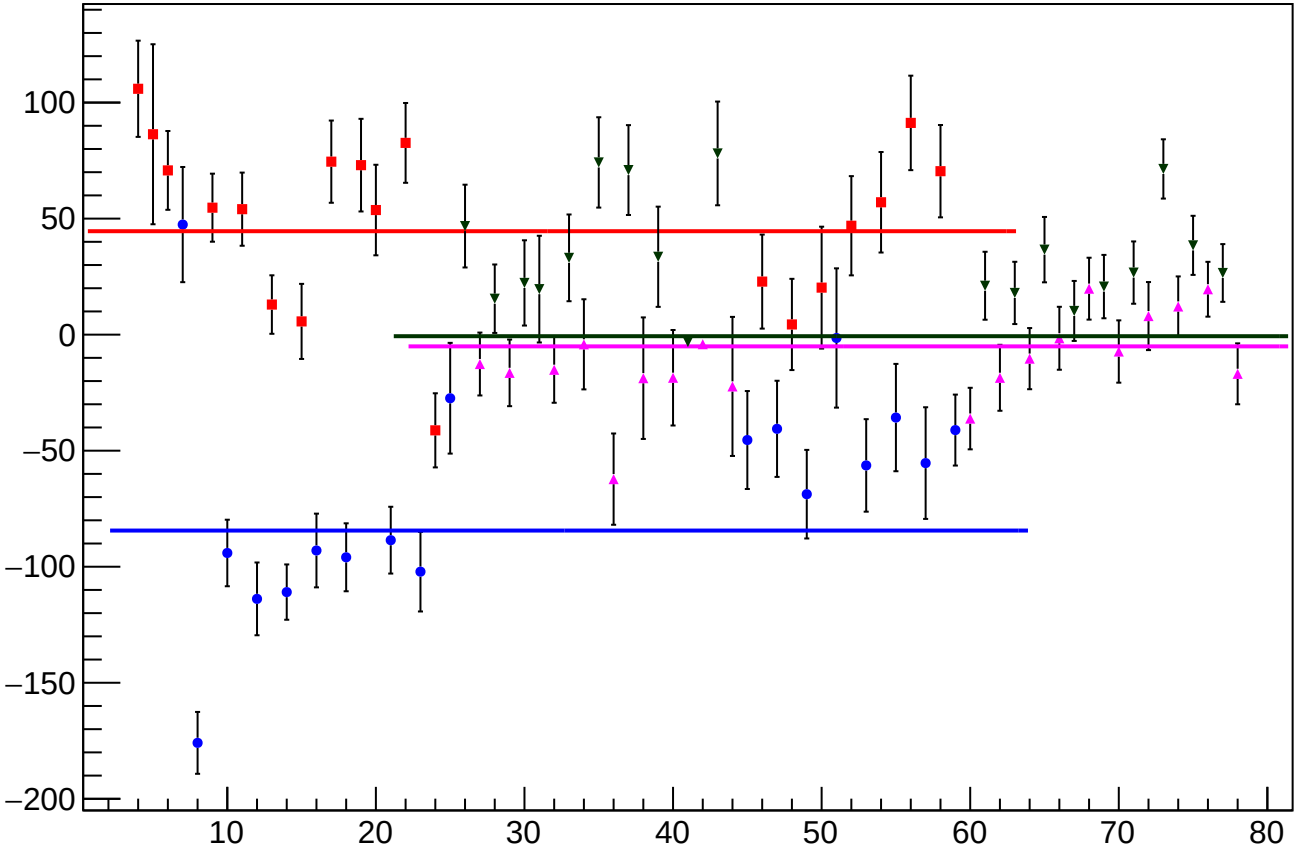
Right Out: 817.840+/-0.183 χ^2/NDF: 32410.2/18

Left In: 747.590+/-0.163 χ^2/NDF:357349.4/18

787.193+/-0.122 χ^2/NDF: 457758.3/36

778.667+/-0.122 χ^2/NDF: 471773.0/37

diff_bpm0l02X_mean vs slug



Right In: -84.415+/-4.060 χ^2/NDF: 124.1/17

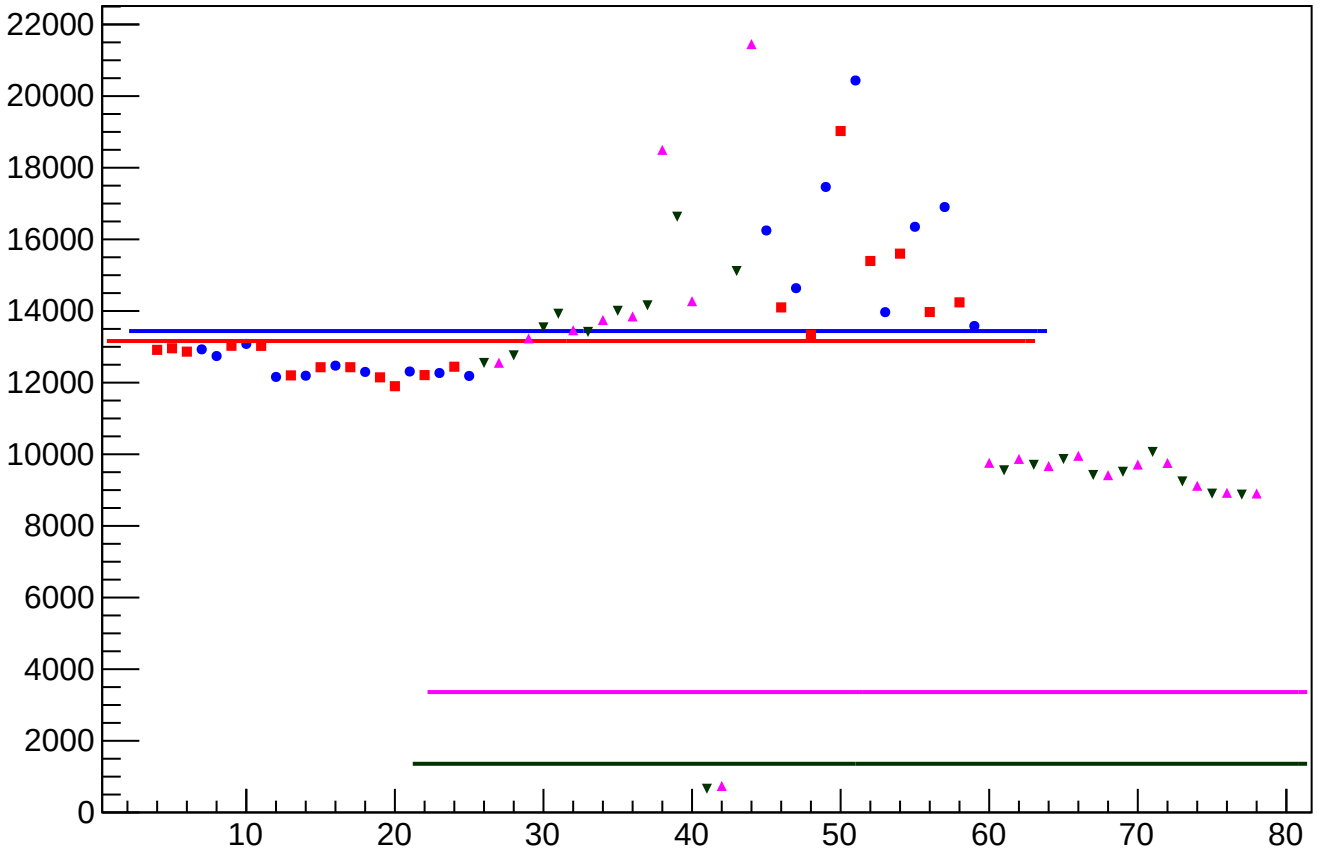
Left Out: -0.669+/-0.949 χ^2/NDF:128.6/18

Right Out: 44.573+/-4.203 χ^2/NDF: 77.6/18

Left In: -5.051+/-1.775 χ^2/NDF:29.0/18

-5.010+/-0.924 χ^2/NDF: 656.1/36

2.461+/-1.635 χ^2/NDF: 224.9/37



Right In: 13440.177+/-2.871 χ^2/NDF: 403912.7/17

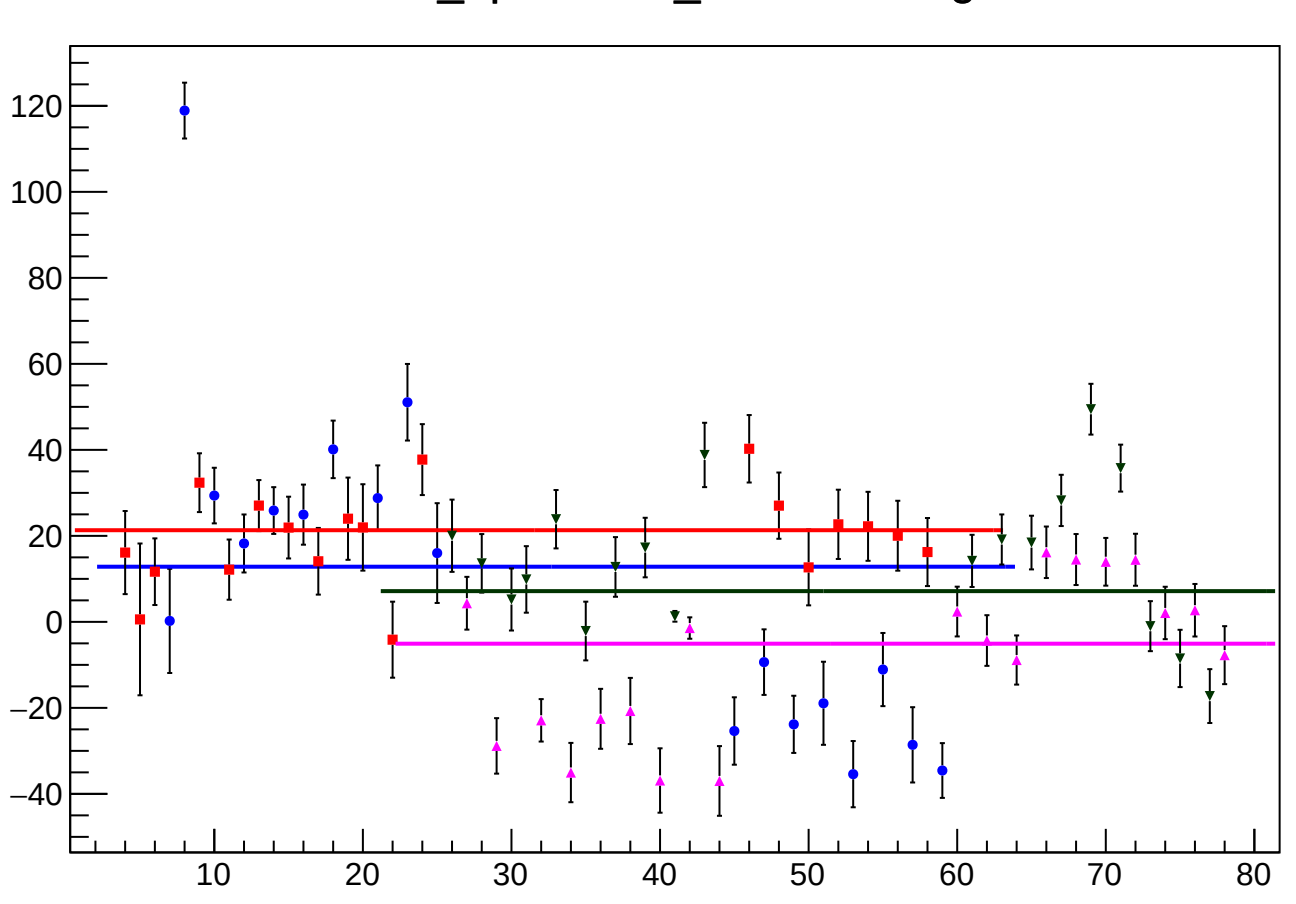
Left Out: 1358.911+/-0.671 χ^2/NDF:15431964.3/18

Right Out: 13162.769+/-2.972 χ^2/NDF: 204436.9/18

Left In: 3360.997+/-1.255 χ^2/NDF:13465005.3/18

1985.124+/-0.654 χ^2/NDF: 32627986.7/36

4844.749+/-1.156 χ^2/NDF: 22901886.6/37



Right In: 12.827+/-1.752 χ^2/NDF: 521.8/17

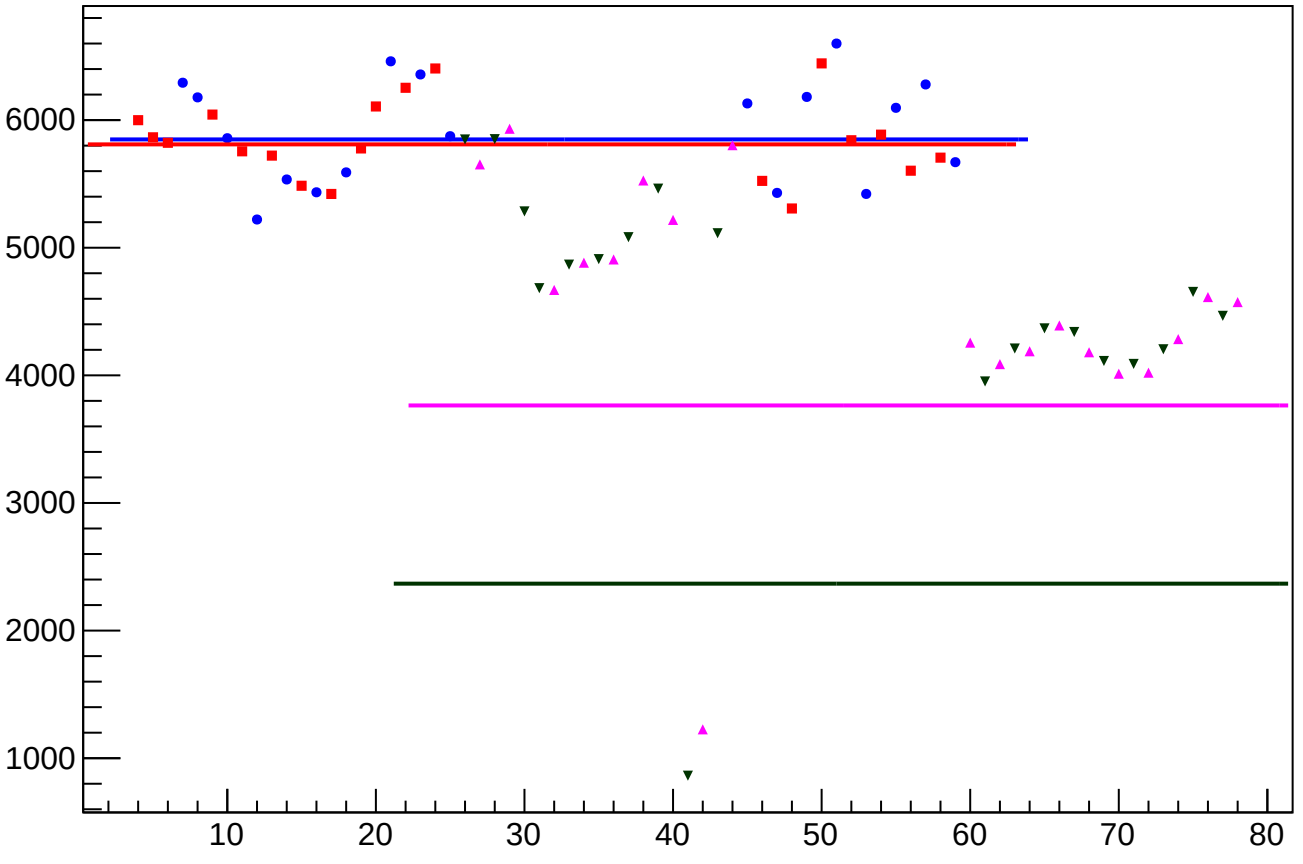
Left Out: 7.148+/-0.967 χ^2/NDF:177.0/18

Right Out: 21.314+/-1.847 χ^2/NDF: 29.5/18

Left In: -5.076+/-1.264 χ^2/NDF:144.9/18

8.474+/-0.847 χ^2/NDF: 706.8/36

3.344+/-1.043 χ^2/NDF: 313.5/37



Right In: 5848.690+/-1.239 χ^2/NDF: 101335.3/17

Left Out: 2367.784+/-0.684 χ^2/NDF:7607786.9/18

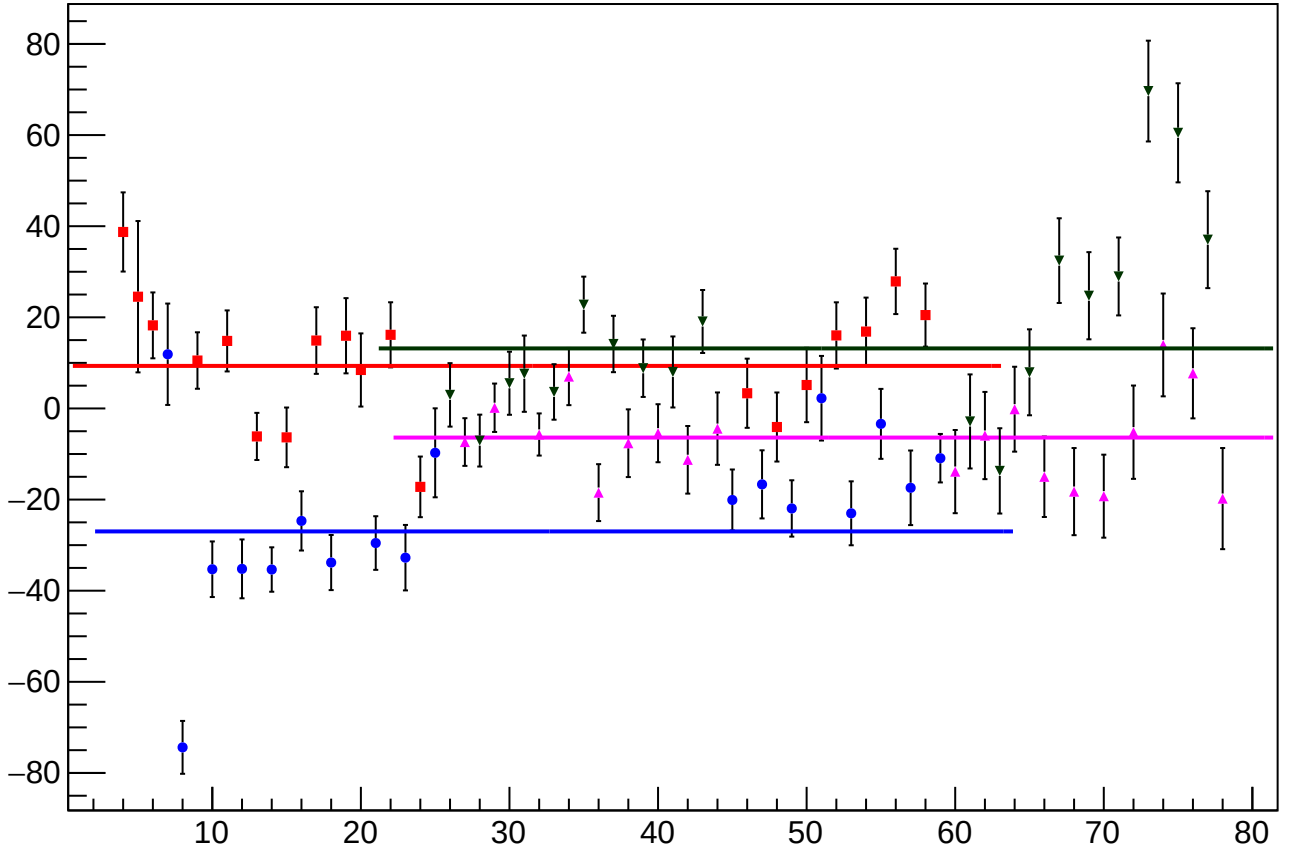
Right Out: 5809.767+/-1.306 χ^2/NDF: 53321.4/18

Left In: 3764.116+/-0.894 χ^2/NDF:3126726.0/18

3180.669+/-0.599 χ^2/NDF: 13757545.6/36

4416.787+/-0.738 χ^2/NDF: 4850662.6/37

diff_bpm0l03X_mean vs slug



Right In: -26.989+/-1.569 χ^2/NDF: 124.5/17

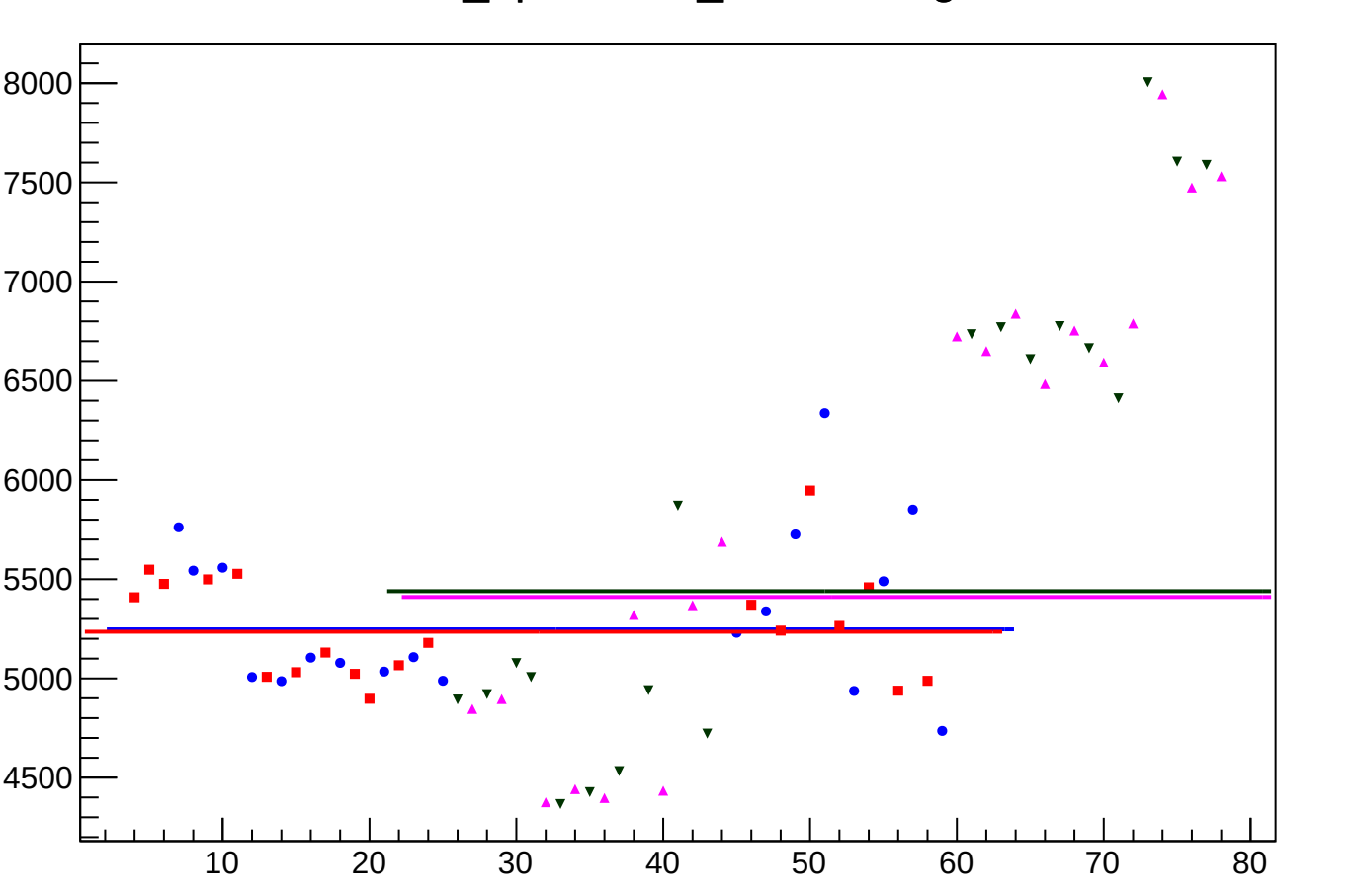
Left Out: 13.176+/-1.761 χ^2/NDF:93.2/18

Right Out: 9.337+/-1.659 χ^2/NDF: 62.4/18

Left In: -6.391+/-1.684 χ^2/NDF:22.8/18

-9.215+/-1.172 χ^2/NDF: 507.5/36

1.589+/-1.182 χ^2/NDF: 129.4/37



Right In: 5247.571+/-1.110 χ^2/NDF: 105629.3/17

Left Out: 5439.838+/-1.246 χ^2/NDF:710305.5/18

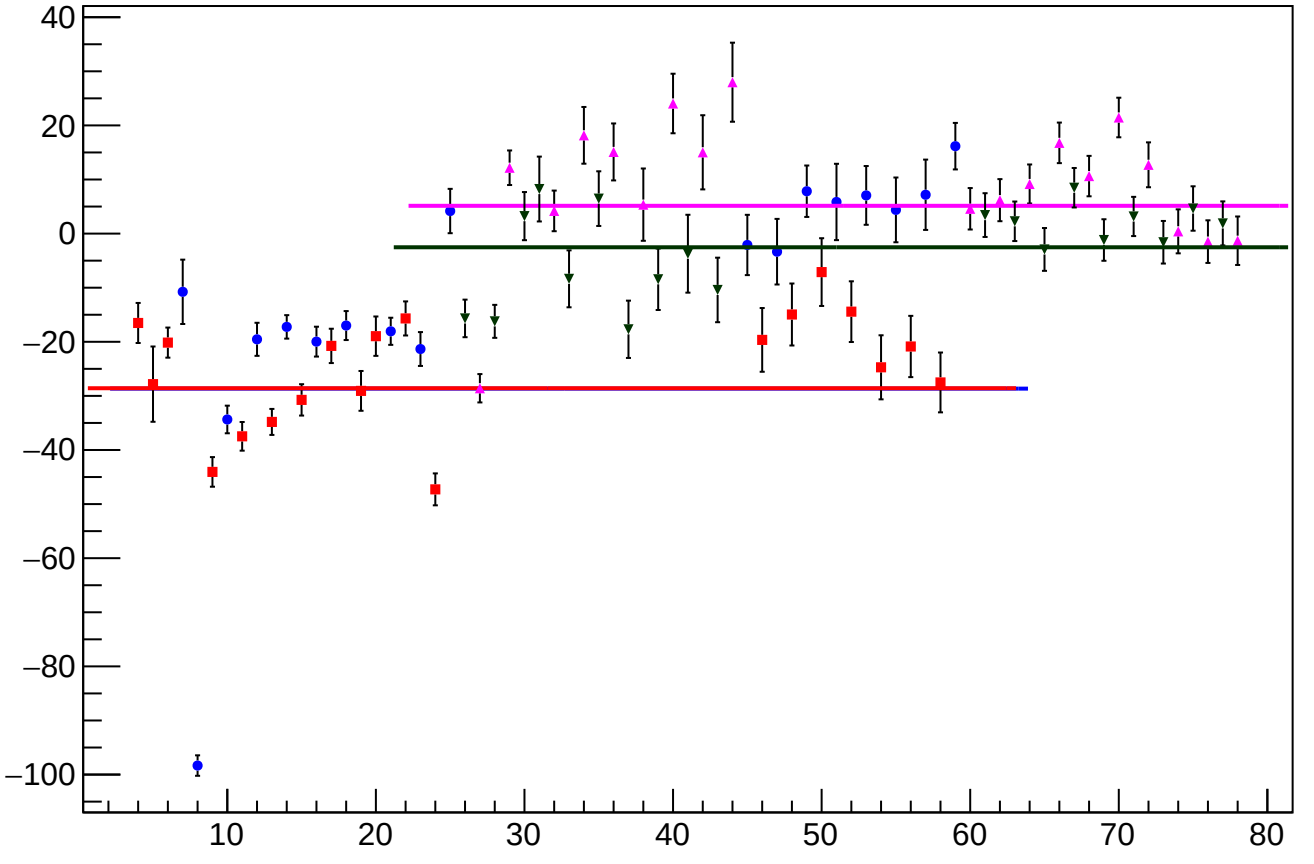
Right Out: 5235.469+/-1.173 χ^2/NDF: 47165.0/18

Left In: 5410.359+/-1.191 χ^2/NDF:814129.9/18

5332.655+/-0.829 χ^2/NDF: 829218.2/36

5321.620+/-0.836 χ^2/NDF: 872237.0/37

diff_bpm0l03Y_mean vs slug



Right In: -28.657+/-0.782 χ^2/NDF: 1857.6/17

Left Out: -2.528+/-0.971 χ^2/NDF:74.8/18

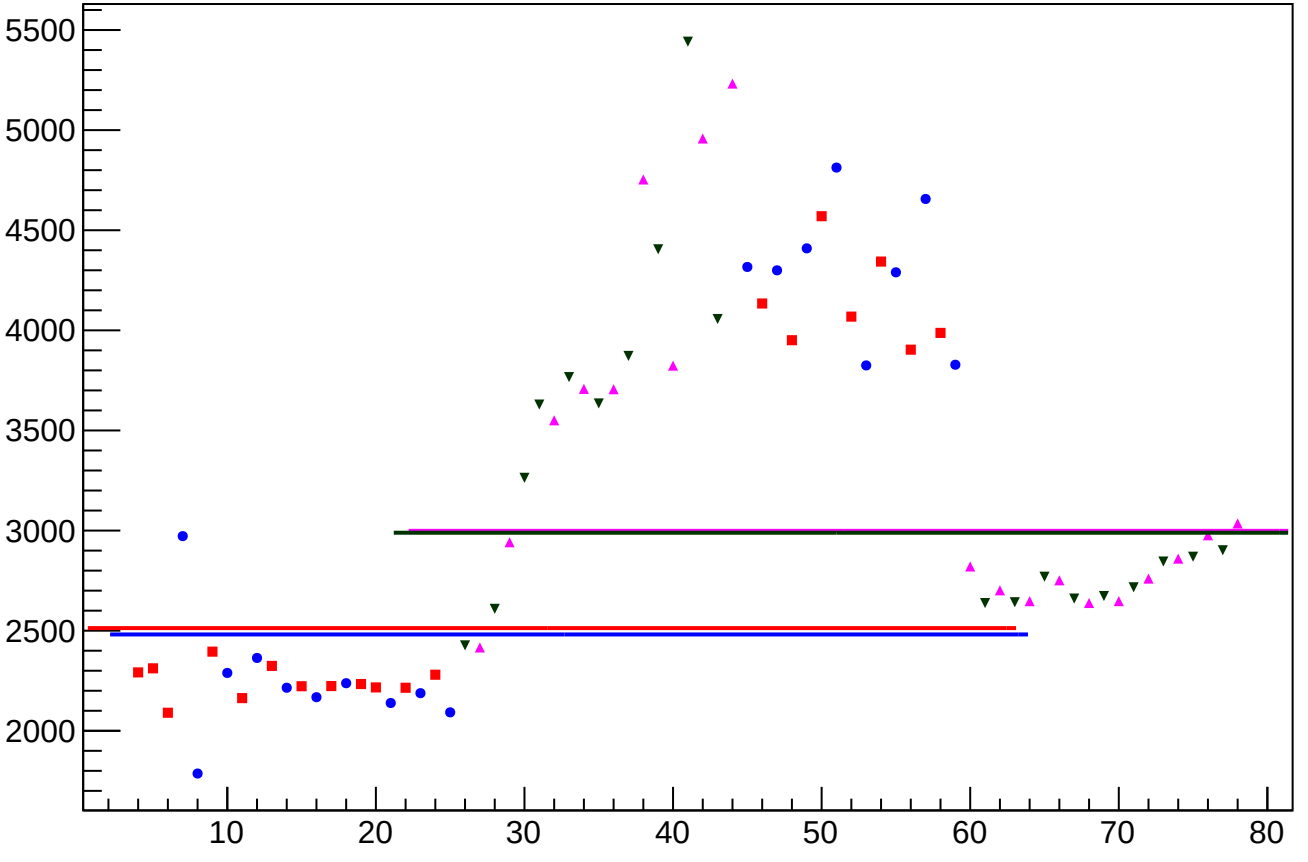
Right Out: -28.584+/-0.826 χ^2/NDF: 168.7/18

Left In: 5.138+/-0.935 χ^2/NDF:246.6/18

-18.371+/-0.609 χ^2/NDF: 2371.8/36

-13.794+/-0.619 χ^2/NDF: 1145.6/37

diff_bpm0l03Y_rms vs slug



Right In: 2481.193+/-0.553 χ^2/NDF: 2112375.4/17

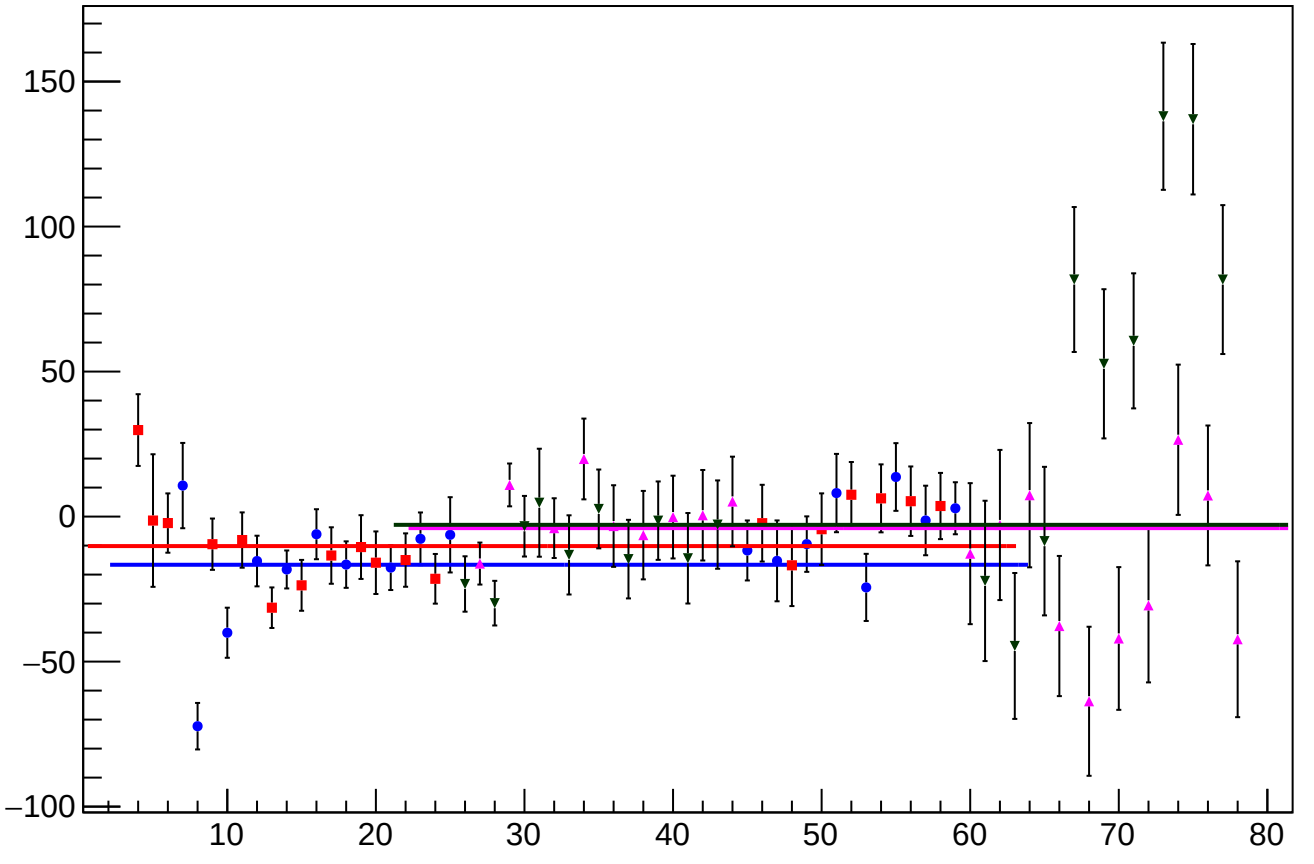
Left Out: 2989.274+/-0.686 χ^2/NDF:752219.8/18

Right Out: 2512.934+/-0.584 χ^2/NDF: 1298593.5/18

Left In: 2998.635+/-0.661 χ^2/NDF:838358.4/18

2681.217+/-0.431 χ^2/NDF: 3196923.5/36

2725.960+/-0.438 χ^2/NDF: 2439942.7/37



Right In: -16.612+/-2.242 χ^2/NDF: 79.9/17

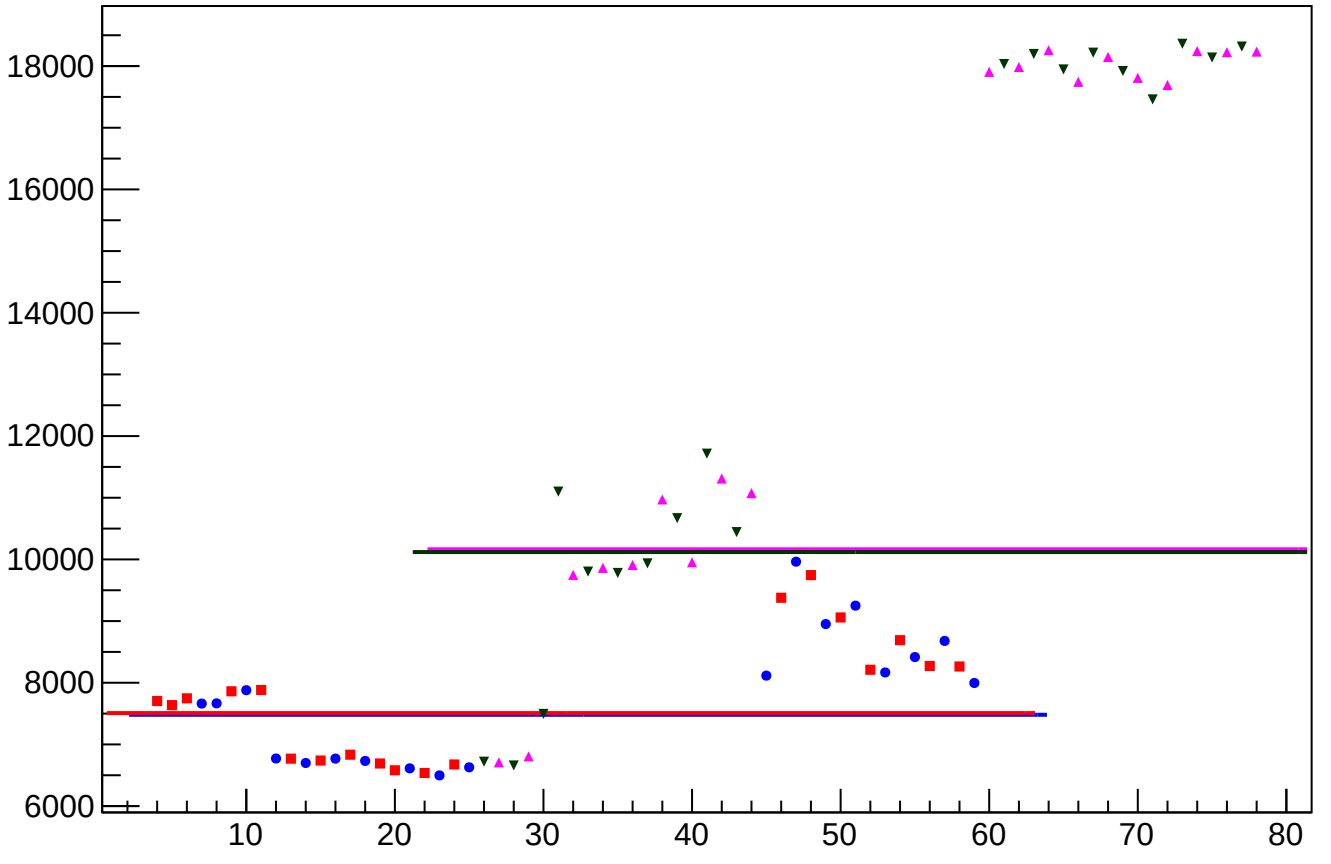
Left Out: -2.846+/-3.451 χ^2/NDF:116.7/18

Right Out: -10.172+/-2.389 χ^2/NDF: 33.7/18

Left In: -3.981+/-3.329 χ^2/NDF:25.1/18

-12.527+/-1.880 χ^2/NDF: 207.7/36

-8.067+/-1.941 χ^2/NDF: 61.0/37



Right In: 7480.718+/-1.585 χ^2/NDF: 334863.0/17

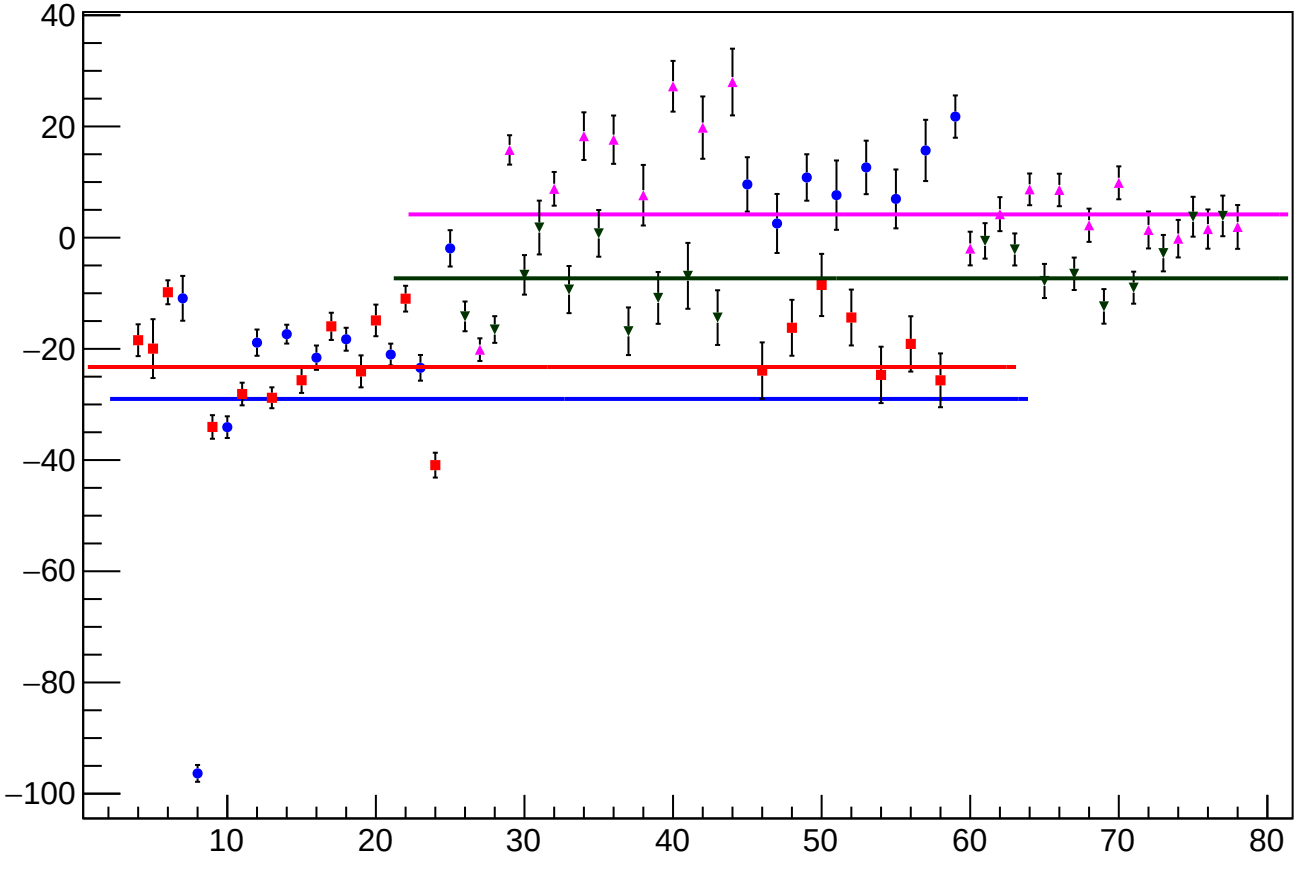
Left Out: 10119.352+/-2.441 χ^2/NDF:2573282.8/18

Right Out: 7508.240+/-1.689 χ^2/NDF: 289453.4/18

Left In: 10164.617+/-2.354 χ^2/NDF:2836450.3/18

8263.600+/-1.329 χ^2/NDF: 3730265.9/36

8411.336+/-1.372 χ^2/NDF: 3966544.0/37



Right In: -29.007+/-0.618 χ^2/NDF: 2792.0/17

Left Out: -7.314+/-0.783 χ^2/NDF:68.1/18

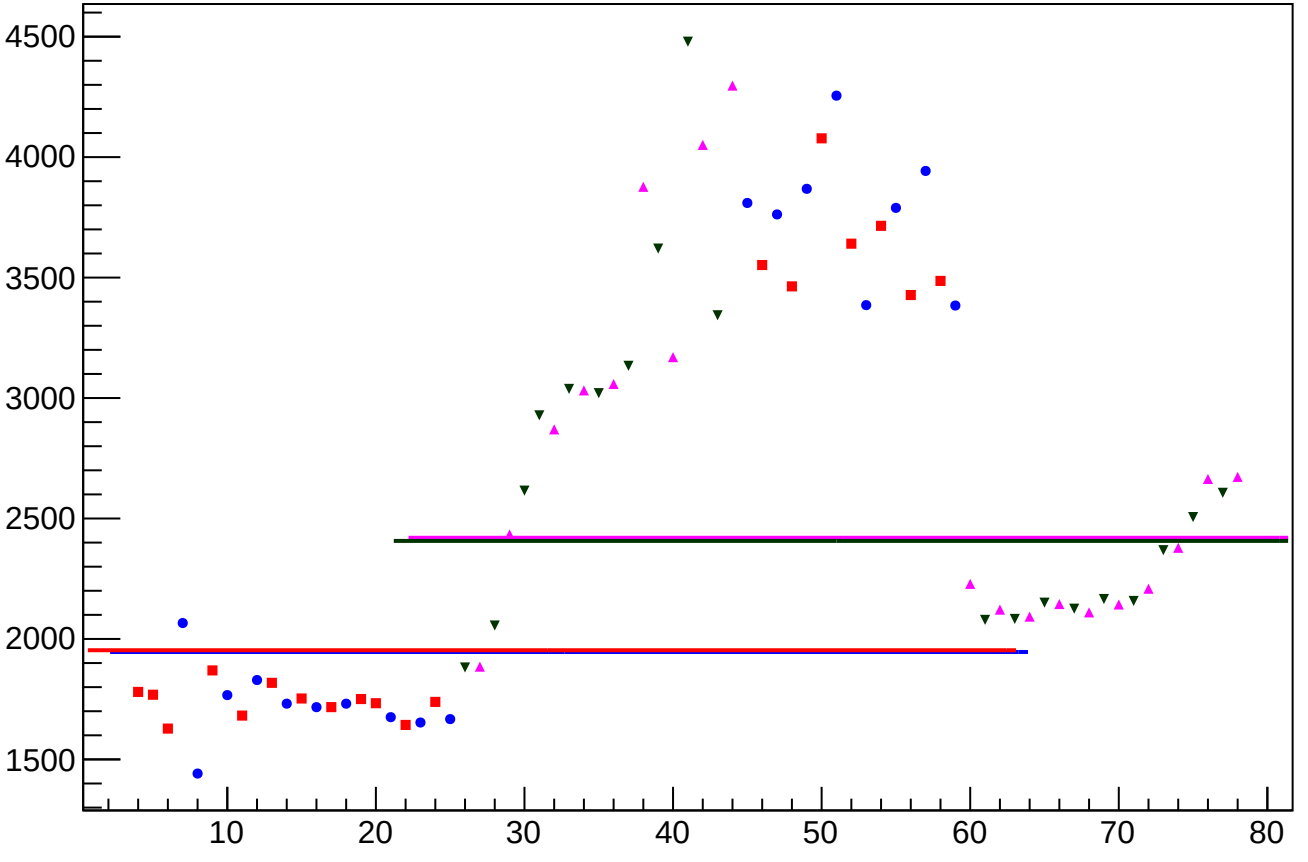
Right Out: -23.263+/-0.648 χ^2/NDF: 204.8/18

Left In: 4.182+/-0.757 χ^2/NDF:250.0/18

-20.675+/-0.485 χ^2/NDF: 3332.8/36

-11.650+/-0.492 χ^2/NDF: 1213.9/37

diff_bpm0l04Y_rms vs slug



Right In: 1945.876+/-0.437 χ^2/NDF: 2599522.0/17

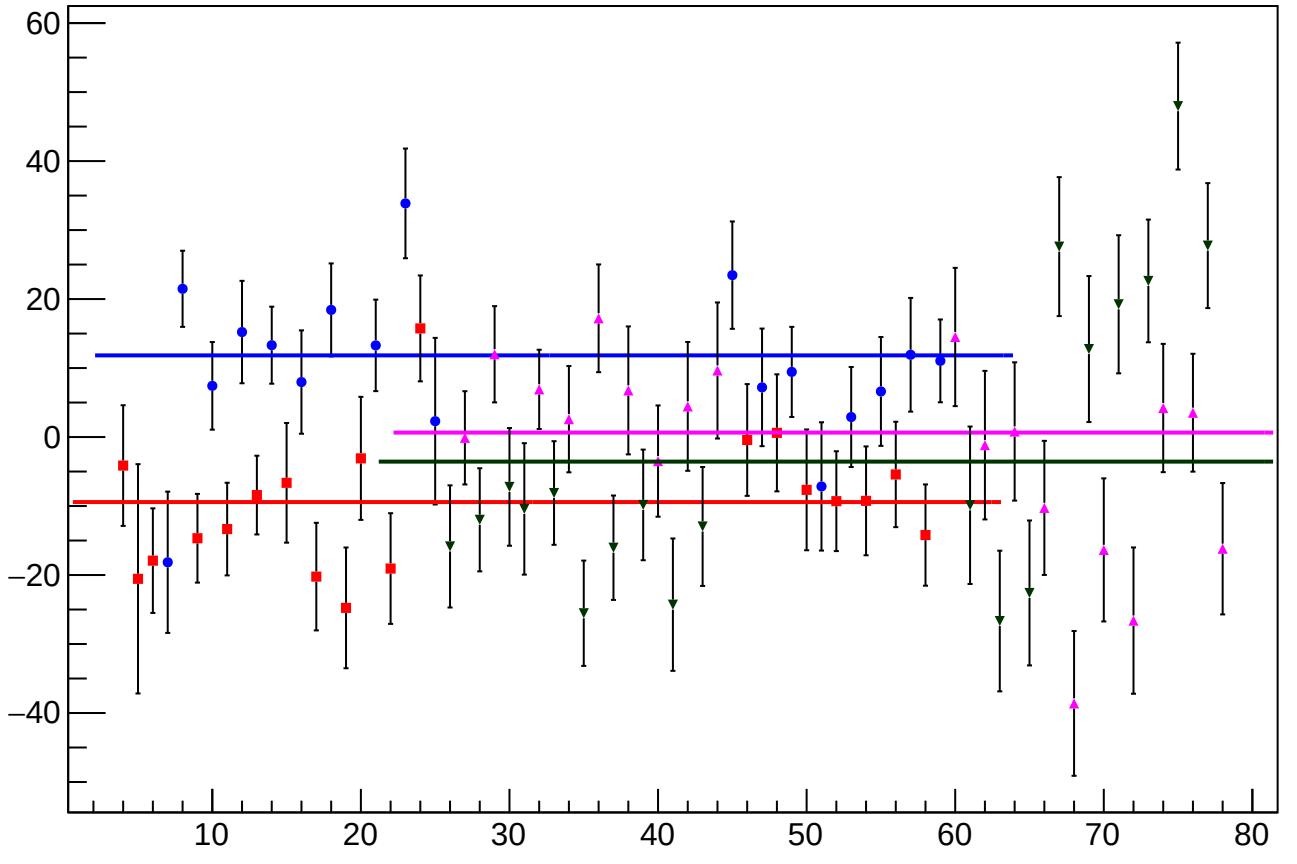
Left Out: 2406.986+/-0.554 χ^2/NDF:861390.0/18

Right Out: 1953.157+/-0.458 χ^2/NDF: 1725858.1/18

Left In: 2419.975+/-0.535 χ^2/NDF:964286.5/18

2122.969+/-0.343 χ^2/NDF: 3888095.2/36

2150.677+/-0.348 χ^2/NDF: 3129386.8/37



Right In: 11.837+/-1.701 χ^2/NDF: 30.8/17

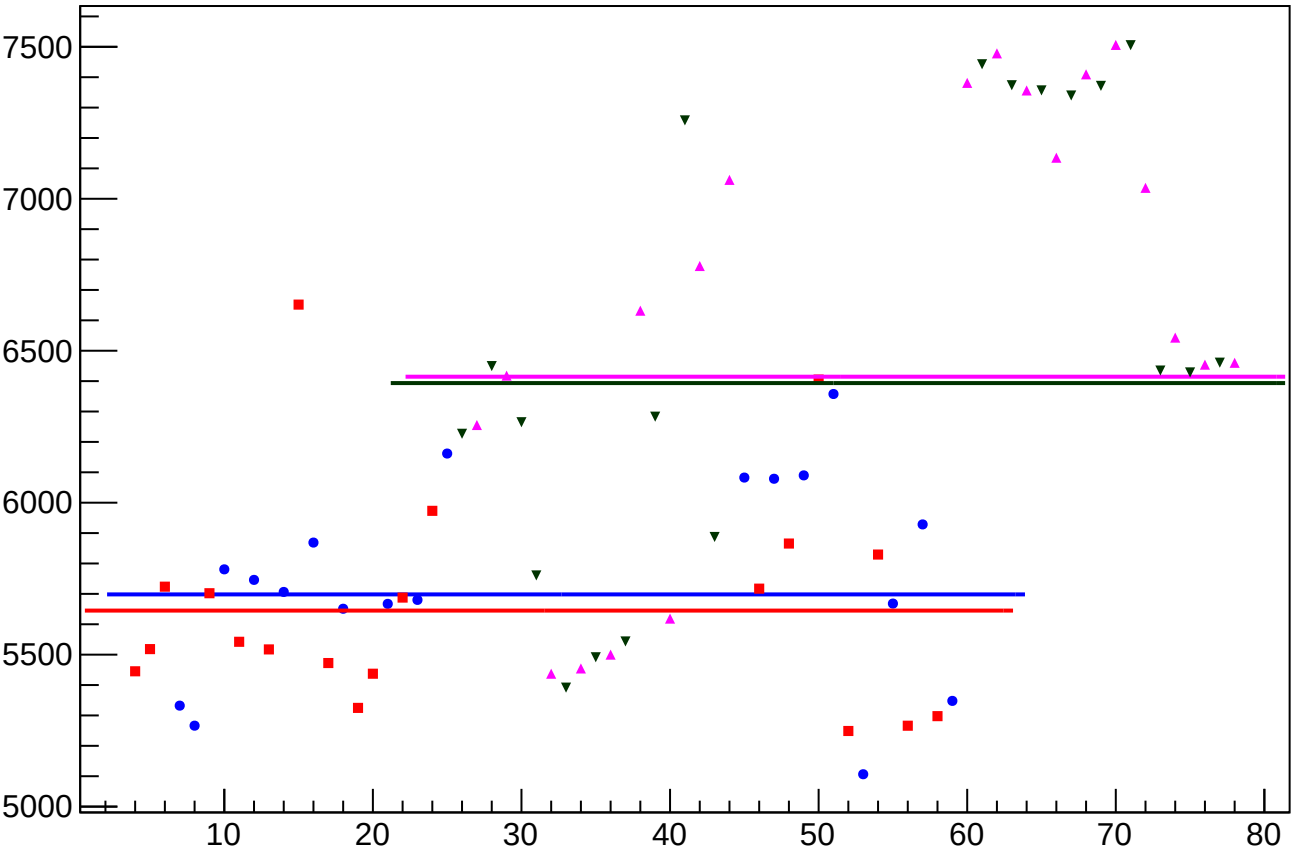
Left Out: -3.561+/-2.043 χ^2/NDF:99.7/18

Right Out: -9.425+/-1.790 χ^2/NDF: 24.3/18

Left In: 0.648+/-1.971 χ^2/NDF:40.0/18

5.534+/-1.307 χ^2/NDF: 164.0/36

-4.872+/-1.325 χ^2/NDF: 78.6/37



Right In: 5698.250+/-1.203 χ^2/NDF: 67217.8/17

Left Out: 6393.584+/-1.445 χ^2/NDF:234251.3/18

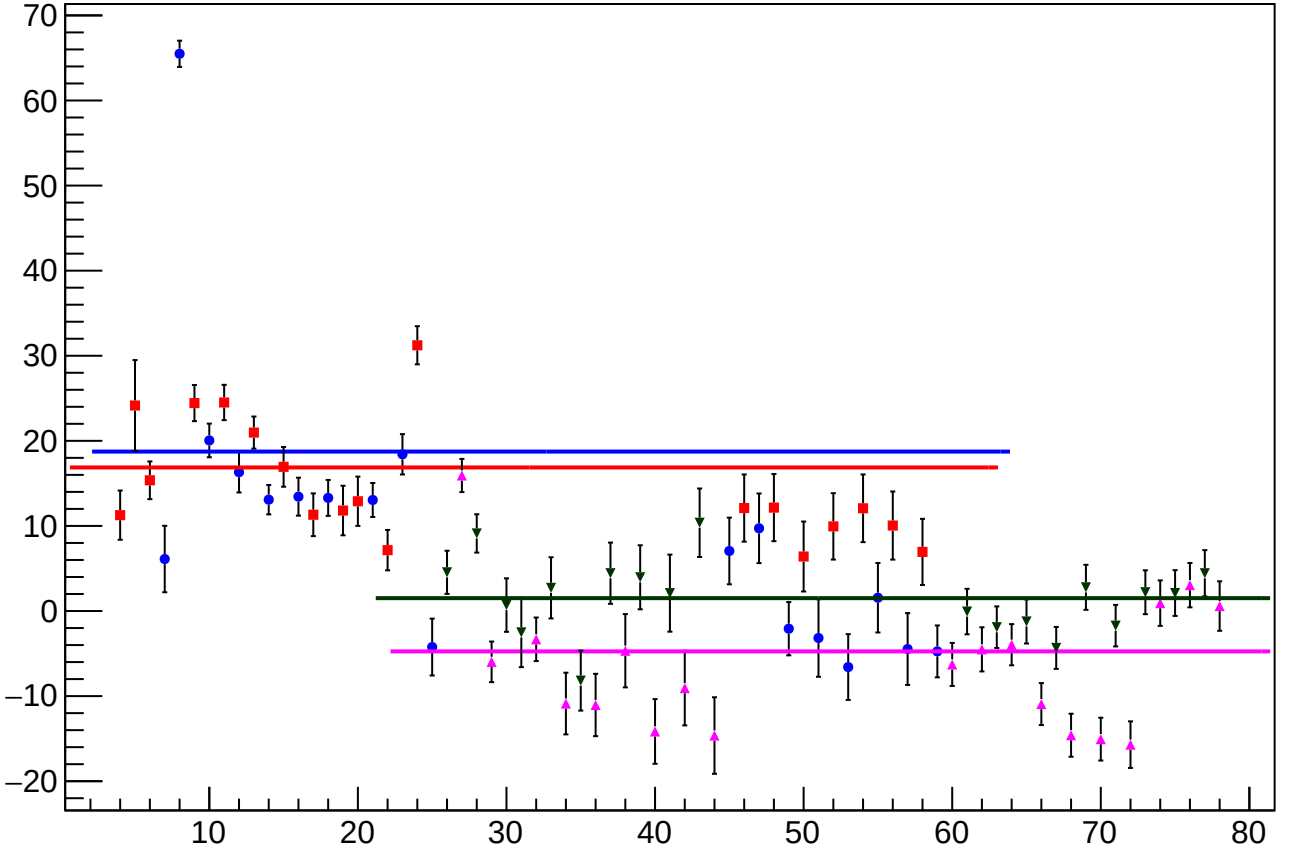
Right Out: 5644.999+/-1.266 χ^2/NDF: 71475.4/18

Left In: 6414.558+/-1.394 χ^2/NDF:264002.2/18

5982.893+/-0.924 χ^2/NDF: 438255.5/36

5992.853+/-0.937 χ^2/NDF: 502577.9/37

diff_bpm0l05Y_mean vs slug



Right In: 18.738+/-0.602 χ^2/NDF: 1241.3/17

Left Out: 1.512+/-0.662 χ^2/NDF:39.8/18

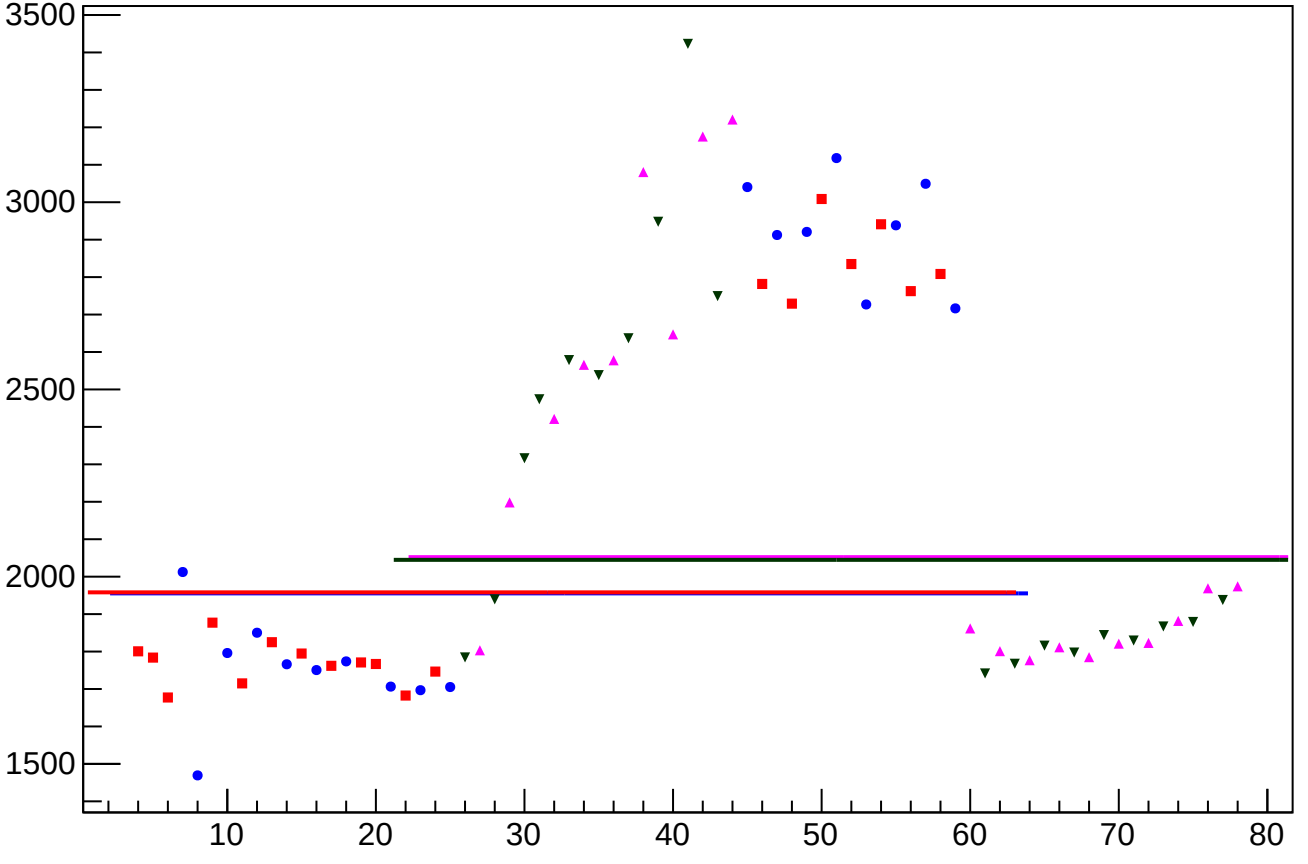
Right Out: 16.874+/-0.633 χ^2/NDF: 128.0/18

Left In: -4.744+/-0.638 χ^2/NDF:202.5/18

10.940+/-0.445 χ^2/NDF: 1652.2/36

6.138+/-0.449 χ^2/NDF: 909.3/37

diff_bpm0l05Y_rms vs slug



Right In: 1955.370+/-0.425 χ^2/NDF: 1375682.1/17

Left Out: 2044.923+/-0.468 χ^2/NDF:695878.5/18

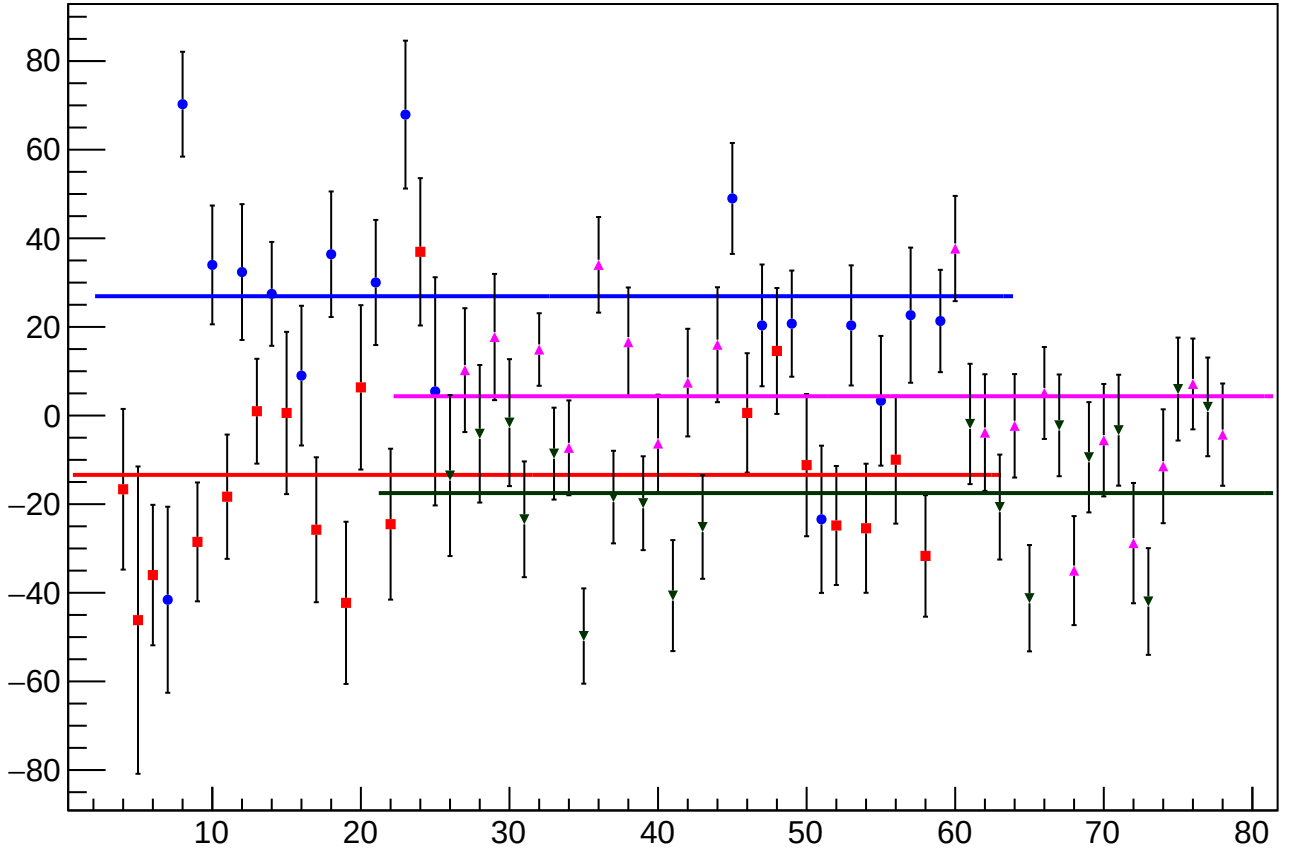
Right Out: 1958.115+/-0.448 χ^2/NDF: 858074.3/18

Left In: 2052.137+/-0.451 χ^2/NDF:732489.3/18

1995.910+/-0.315 χ^2/NDF: 2091618.6/36

2004.806+/-0.318 χ^2/NDF: 1612460.7/37

diff_bpm0l06X_mean vs slug



Right In: 26.931+/-3.337 χ^2/NDF: 48.9/17

Left Out: -17.497+/-2.774 χ^2/NDF:35.9/18

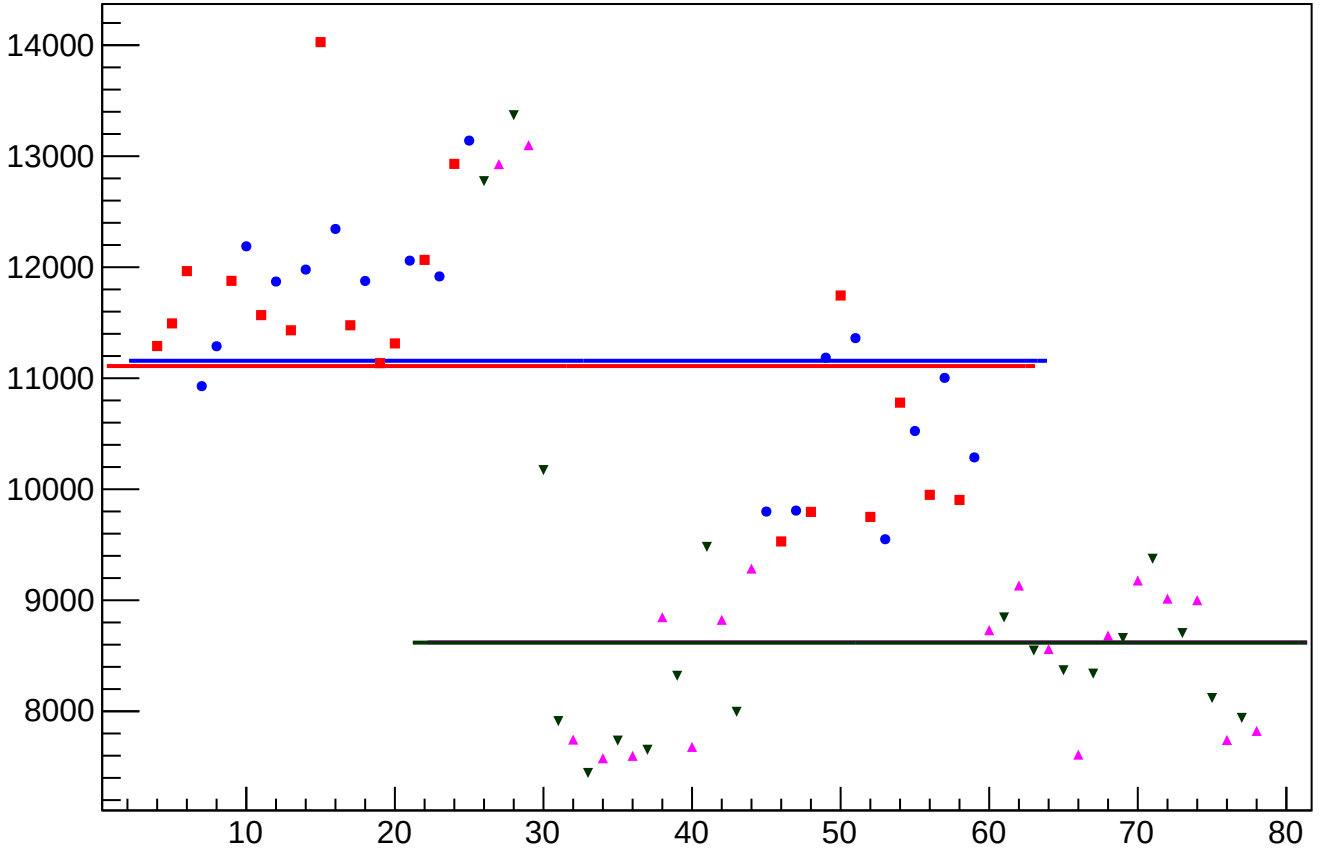
Right Out: -13.392+/-3.535 χ^2/NDF: 28.4/18

Left In: 4.356+/-2.667 χ^2/NDF:41.8/18

0.662+/-2.133 χ^2/NDF: 189.6/36

-2.082+/-2.129 χ^2/NDF: 86.3/37

diff_bpm0l06X_rms vs slug



Right In: 11157.335+/-2.359 χ^2/NDF: 153724.7/17

Left Out: 8618.507+/-1.962 χ^2/NDF:415624.3/18

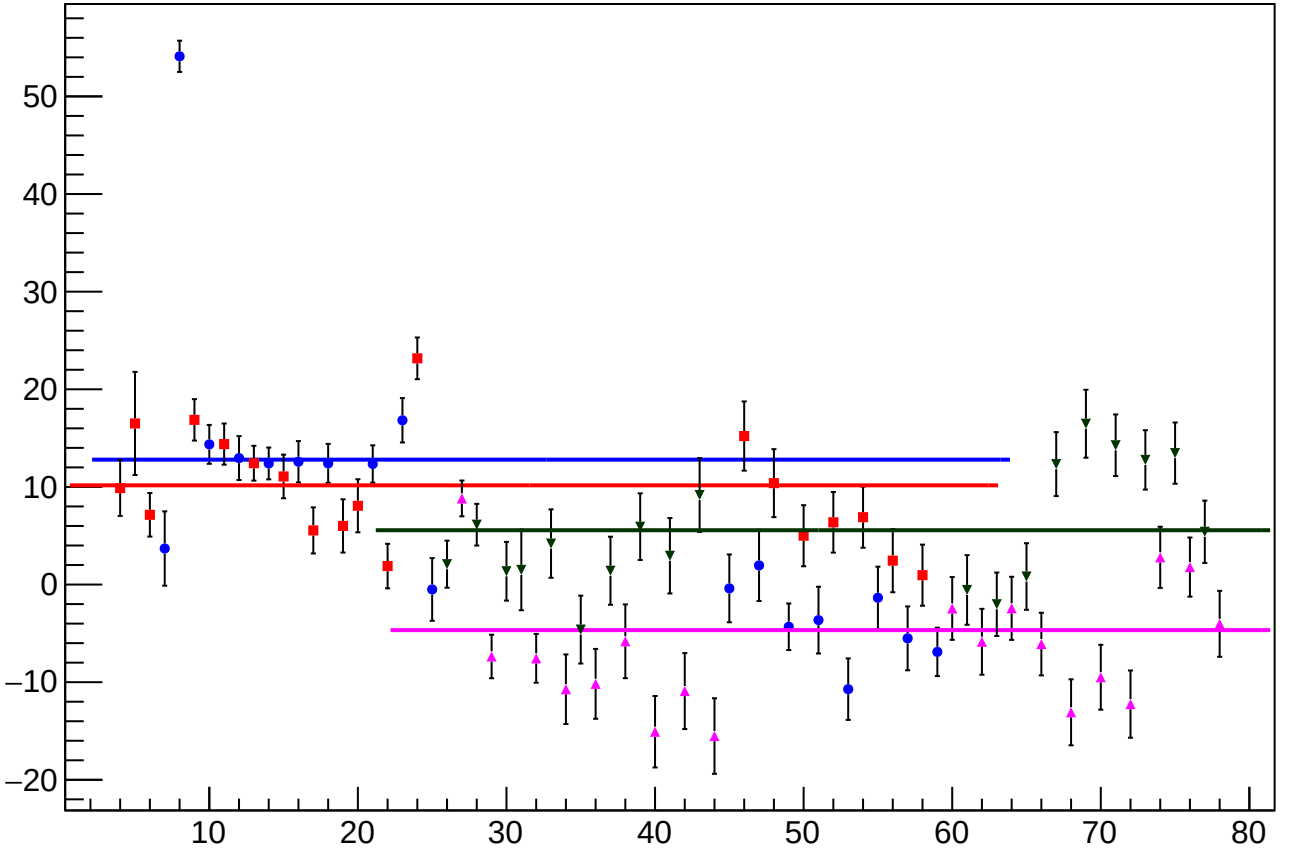
Right Out: 11109.639+/-2.499 χ^2/NDF: 196396.7/18

Left In: 8621.493+/-1.886 χ^2/NDF:522457.2/18

9656.188+/-1.508 χ^2/NDF: 1253938.3/36

9524.040+/-1.505 χ^2/NDF: 1350409.8/37

diff_bpm0l06Y_mean vs slug



Right In: 12.794+/-0.559 χ^2/NDF: 961.0/17

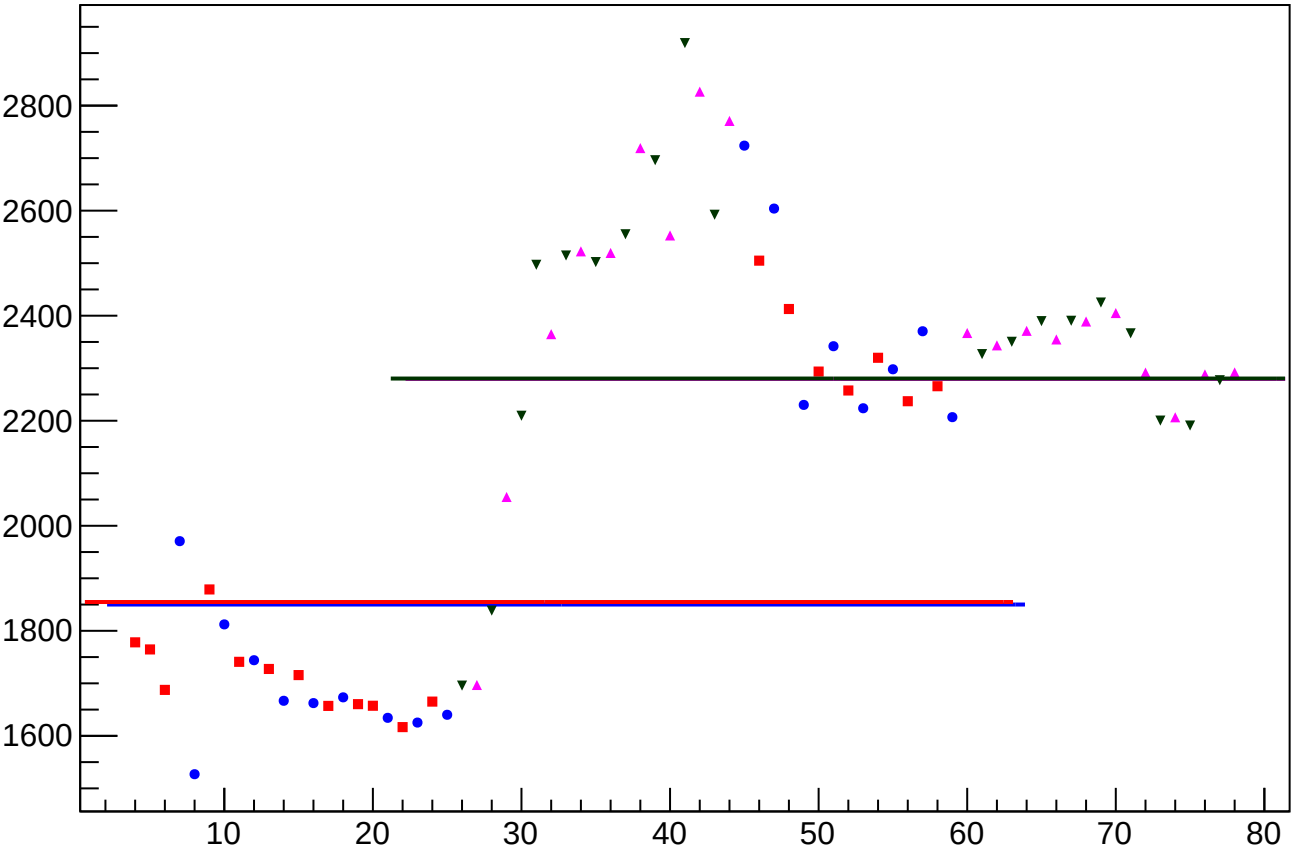
Left Out: 5.565+/-0.731 χ^2/NDF:60.6/18

Right Out: 10.162+/-0.592 χ^2/NDF: 97.7/18

Left In: -4.667+/-0.702 χ^2/NDF:105.5/18

10.125+/-0.444 χ^2/NDF: 1083.3/36

3.990+/-0.453 χ^2/NDF: 464.0/37



Right In: 1850.054+/-0.395 χ^2/NDF: 663006.9/17

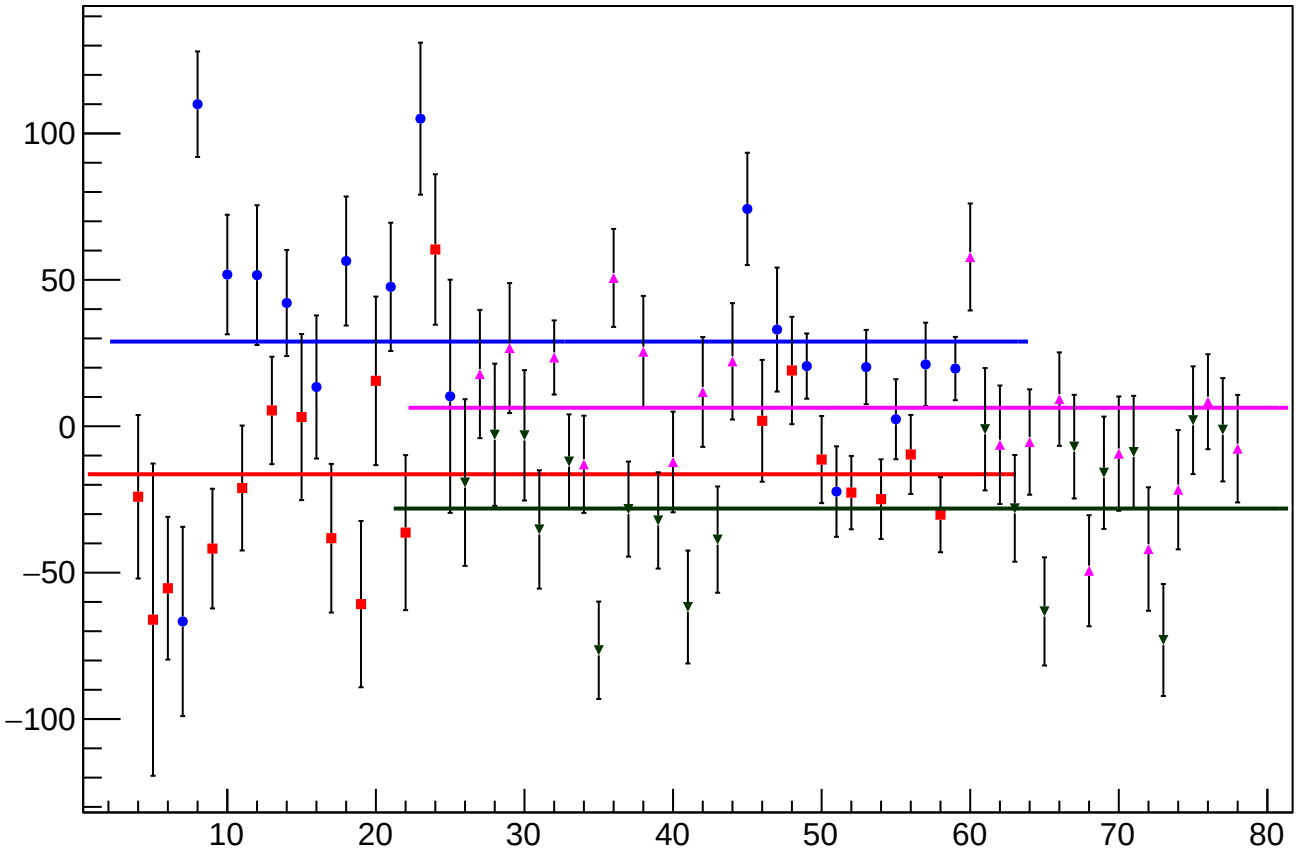
Left Out: 2280.341+/-0.517 χ^2/NDF:350837.5/18

Right Out: 1854.854+/-0.419 χ^2/NDF: 407929.4/18

Left In: 2279.498+/-0.496 χ^2/NDF:364059.0/18

2008.898+/-0.314 χ^2/NDF: 1451339.1/36

2031.583+/-0.320 χ^2/NDF: 1199796.8/37



Right In: 28.924+/-4.035 χ^2/NDF: 65.6/17

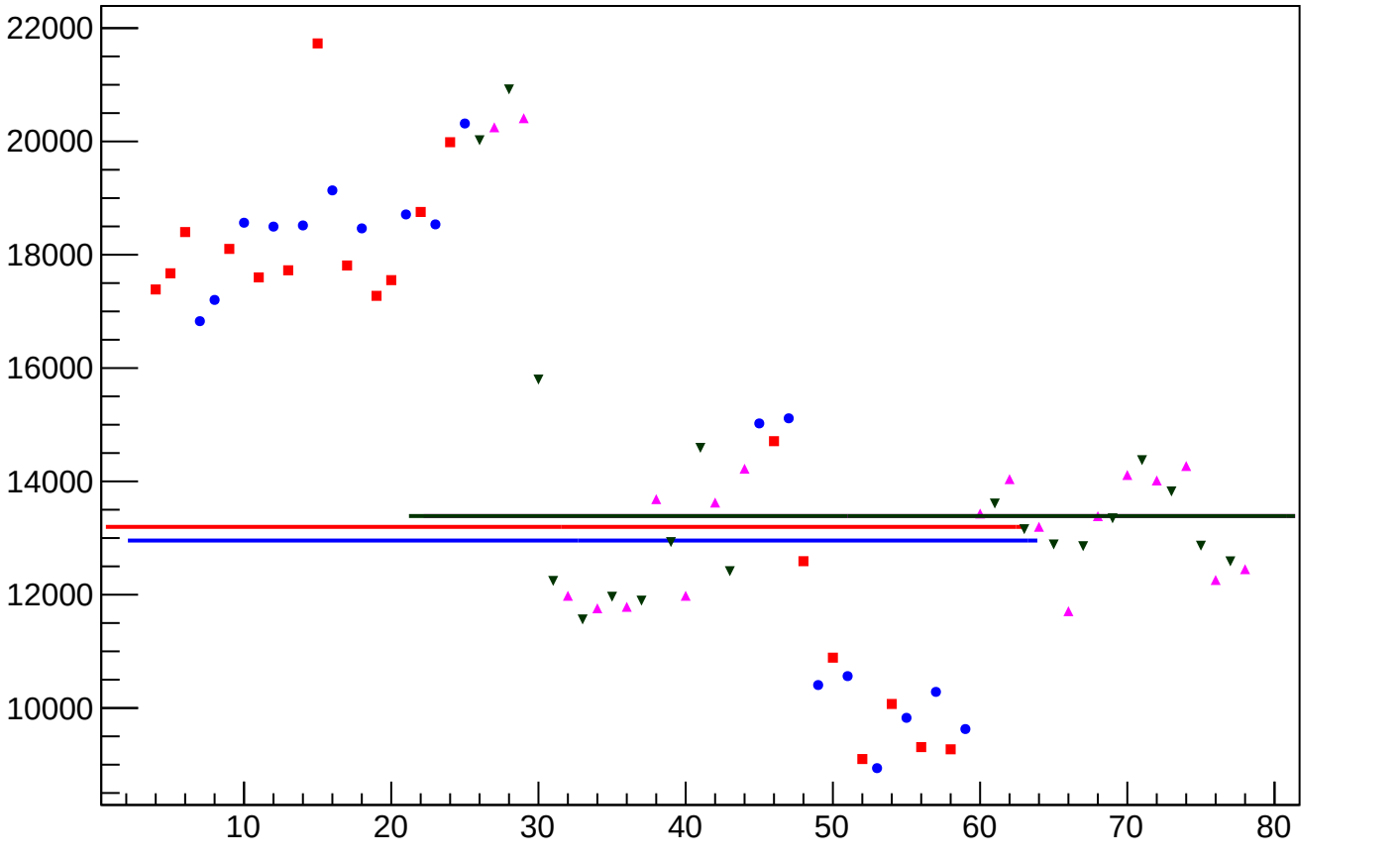
Left Out: -28.101+/-4.310 χ^2/NDF:34.1/18

Right Out: -16.388+/-4.377 χ^2/NDF: 27.5/18

Left In: 6.313+/-4.141 χ^2/NDF:40.0/18

2.287+/-2.946 χ^2/NDF: 193.0/36

-4.409+/-3.008 χ^2/NDF: 81.7/37



Right In: 12955.913+/-2.853 χ^2/NDF: 1900634.7/17

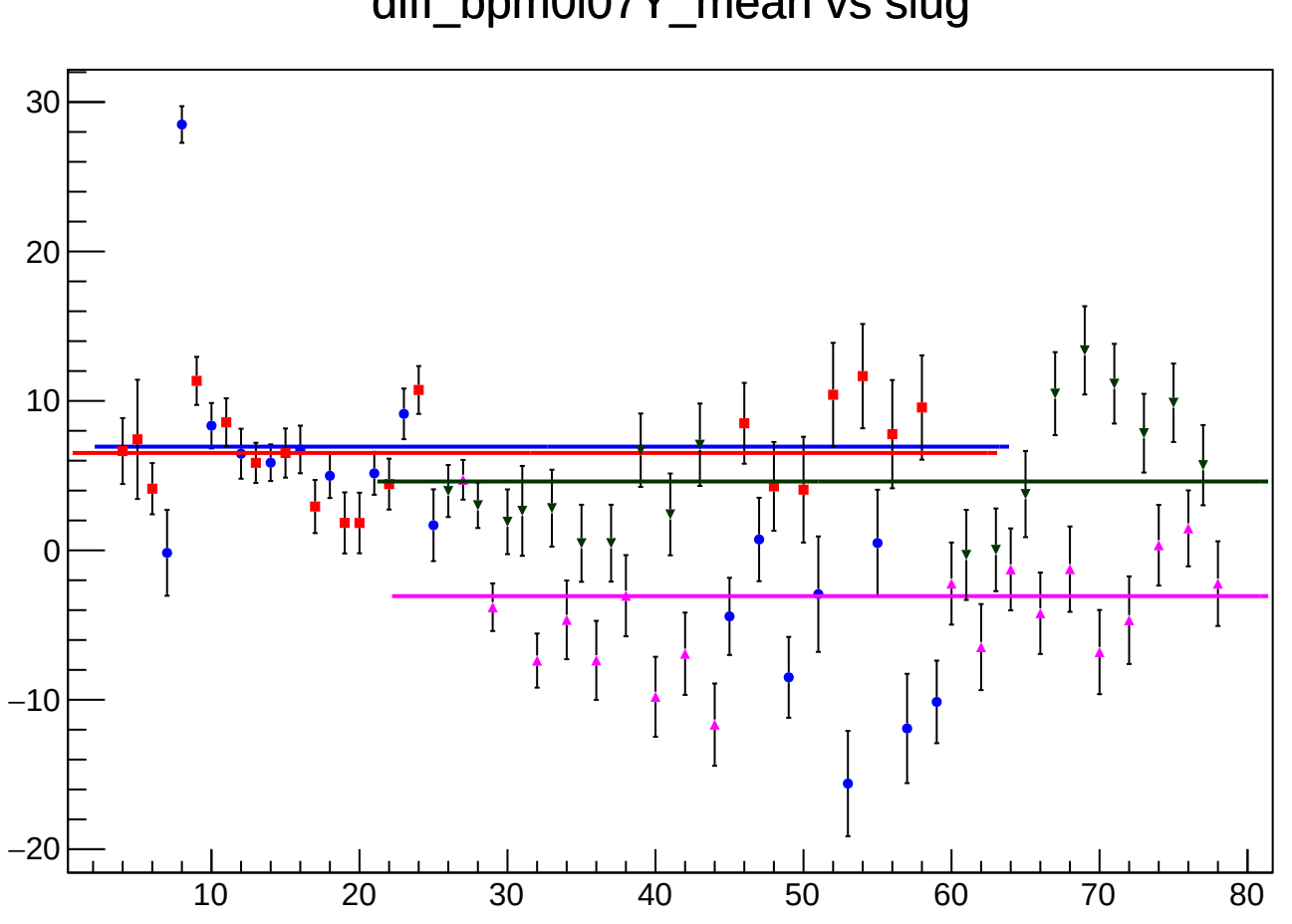
Left Out: 13388.616+/-3.048 χ^2/NDF:418924.2/18

Right Out: 13197.185+/-3.095 χ^2/NDF: 1767752.6/18

Left In: 13387.687+/-2.928 χ^2/NDF:524212.0/18

13158.036+/-2.083 χ^2/NDF: 2330301.7/36

13297.715+/-2.127 χ^2/NDF: 2293963.9/37



Right In: 6.939+/-0.450 χ^2/NDF: 499.6/17

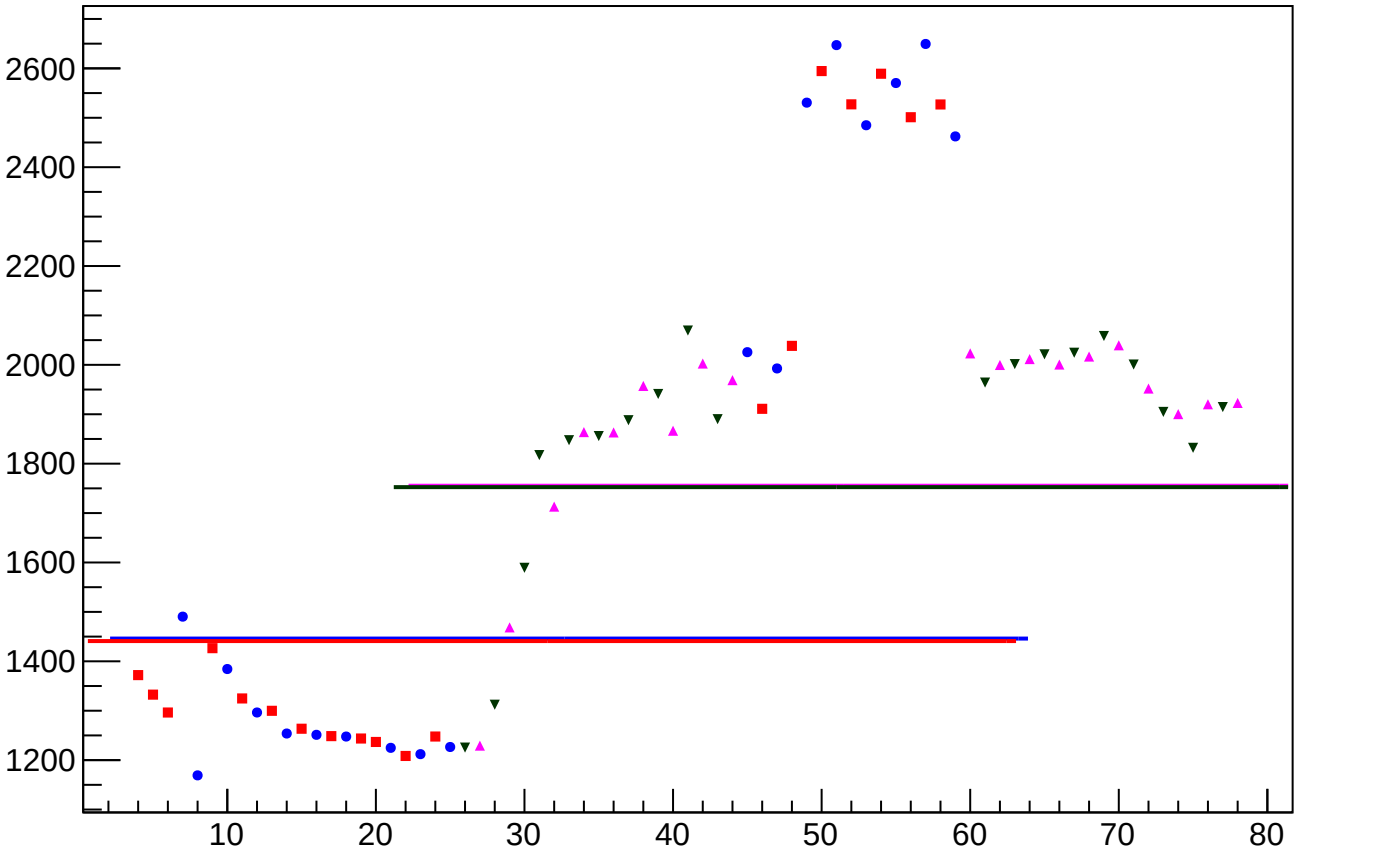
Left Out: 4.610+/-0.564 χ^2/NDF:41.5/18

Right Out: 6.517+/-0.472 χ^2/NDF: 41.8/18

Left In: -3.063+/-0.543 χ^2/NDF:70.8/18

6.034+/-0.352 χ^2/NDF: 551.5/36

2.396+/-0.356 χ^2/NDF: 290.2/37



Right In: 1446.011+/-0.318 χ^2/NDF: 1891465.4/17

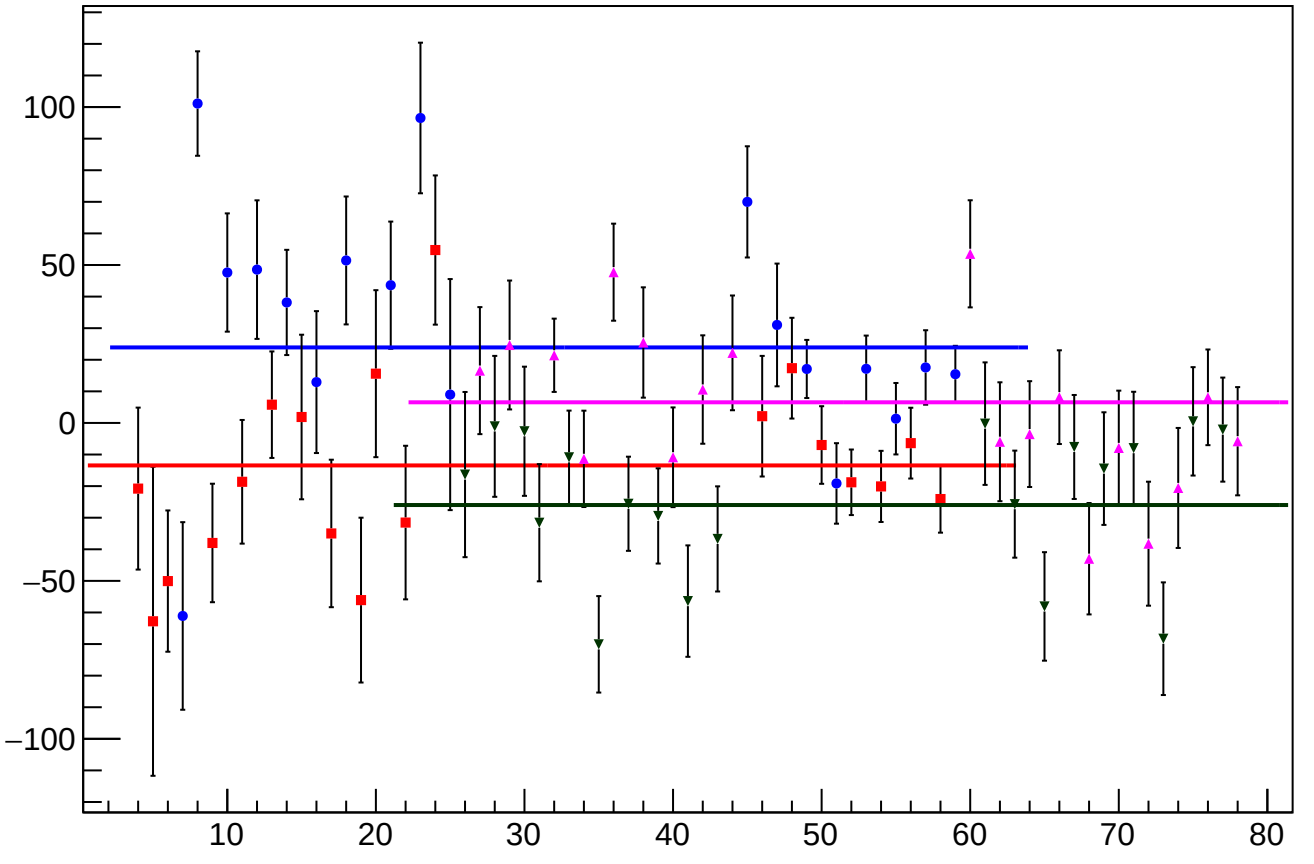
Left Out: 1752.494+/-0.399 χ^2/NDF:535021.2/18

Right Out: 1440.962+/-0.333 χ^2/NDF: 1333198.7/18

Left In: 1755.331+/-0.384 χ^2/NDF:563504.9/18

1565.063+/-0.249 χ^2/NDF: 2787477.9/36

1576.214+/-0.252 χ^2/NDF: 2279075.3/37



Right In: 23.908+/-3.470 χ^2/NDF: 70.6/17

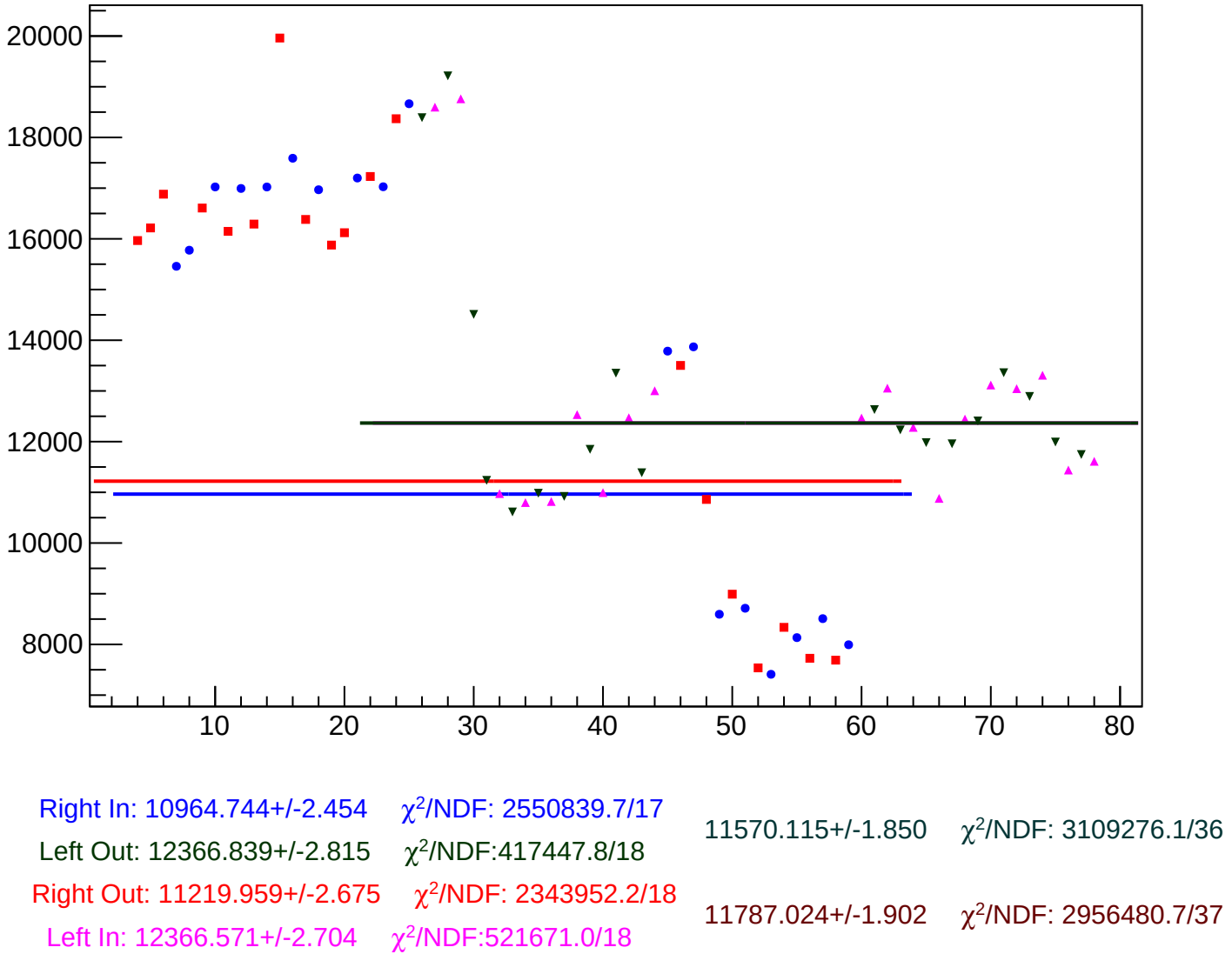
Left Out: -25.985+/-3.981 χ^2/NDF:33.7/18

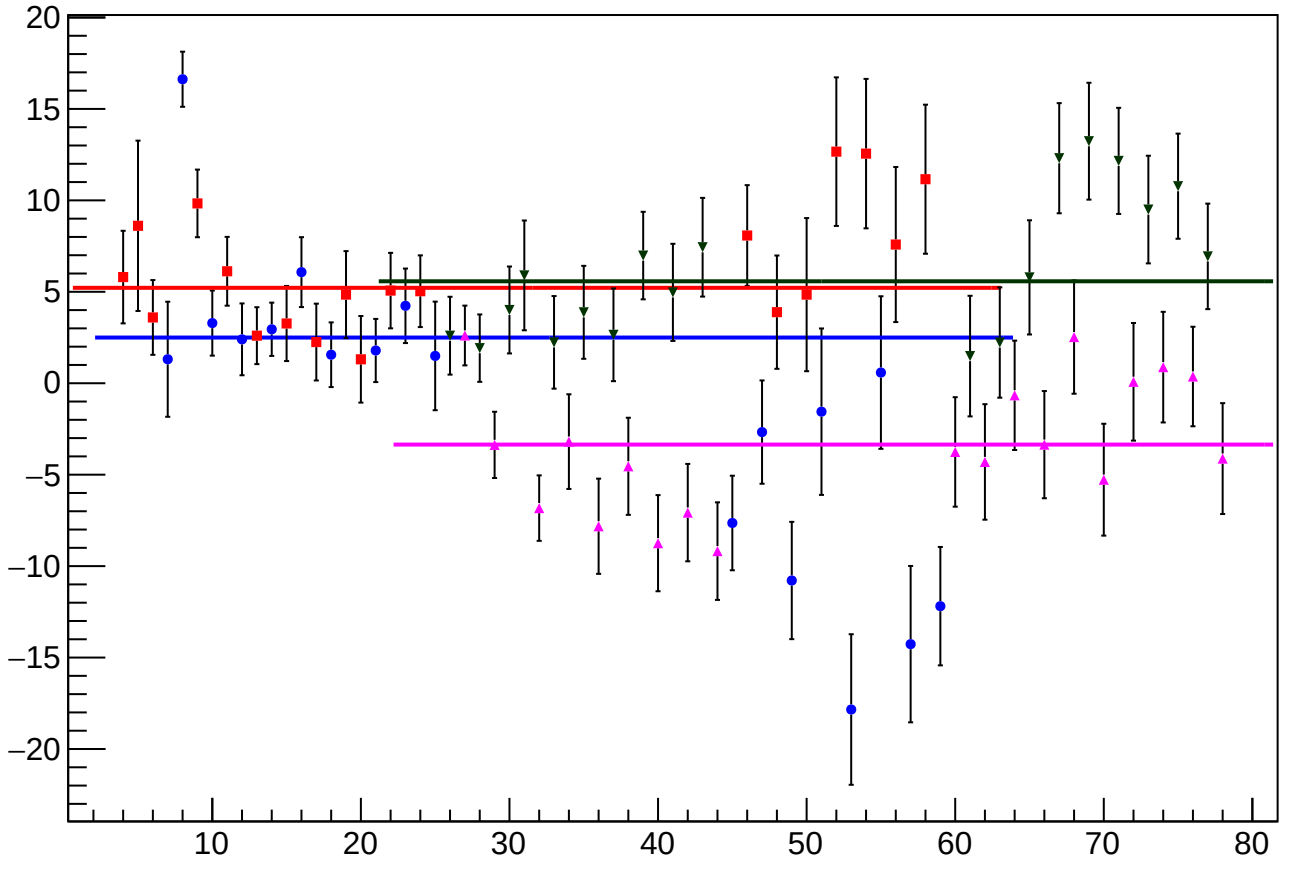
Right Out: -13.450+/-3.783 χ^2/NDF: 27.5/18

Left In: 6.535+/-3.825 χ^2/NDF:39.2/18

2.366+/-2.616 χ^2/NDF: 193.5/36

-3.567+/-2.690 χ^2/NDF: 80.5/37


diff_bpm0l08X_rms vs slug
20000
18000
16000
14000
12000
10000
8000
10
20
30
40
50
60
70
80
Right In: 10964.744+/-2.454 χ²/NDF: 2550839.7/17
Left Out: 12366.839+/-2.815 χ²/NDF:417447.8/18
Right Out: 11219.959+/-2.675 χ²/NDF: 2343952.2/18
Left In: 12366.571+/-2.704 χ²/NDF:521671.0/18
11570.115+/-1.850 χ²/NDF: 3109276.1/36
11787.024+/-1.902 χ²/NDF: 2956480.7/37



Right In: 2.499+/-0.530 χ^2/NDF: 190.3/17

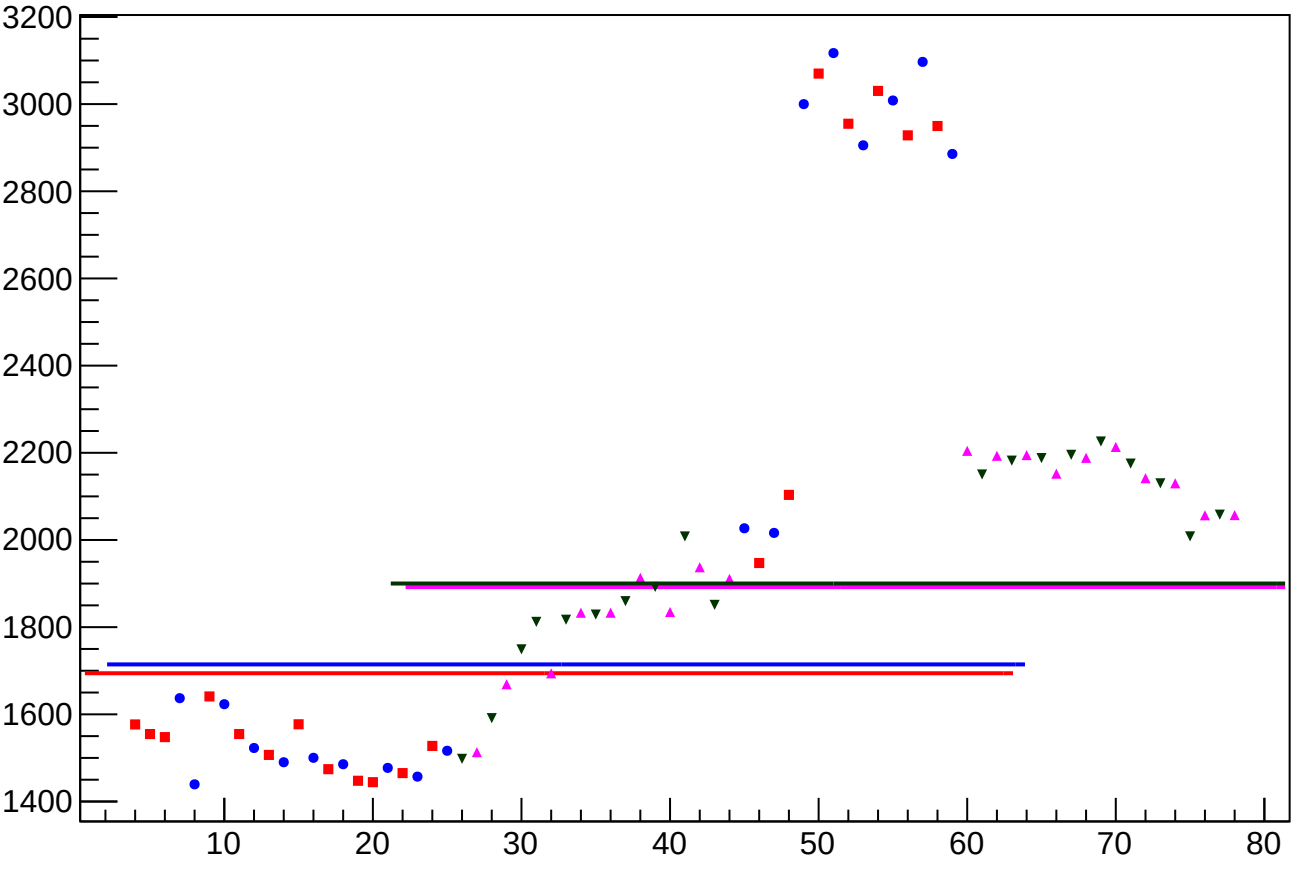
Left Out: 5.575+/-0.607 χ^2/NDF:34.7/18

Right Out: 5.218+/-0.553 χ^2/NDF: 26.5/18

Left In: -3.354+/-0.581 χ^2/NDF:41.1/18

3.829+/-0.399 χ^2/NDF: 239.6/36

1.149+/-0.401 χ^2/NDF: 181.7/37



Right In: 1714.550+/-0.375 χ^2/NDF: 1670759.3/17

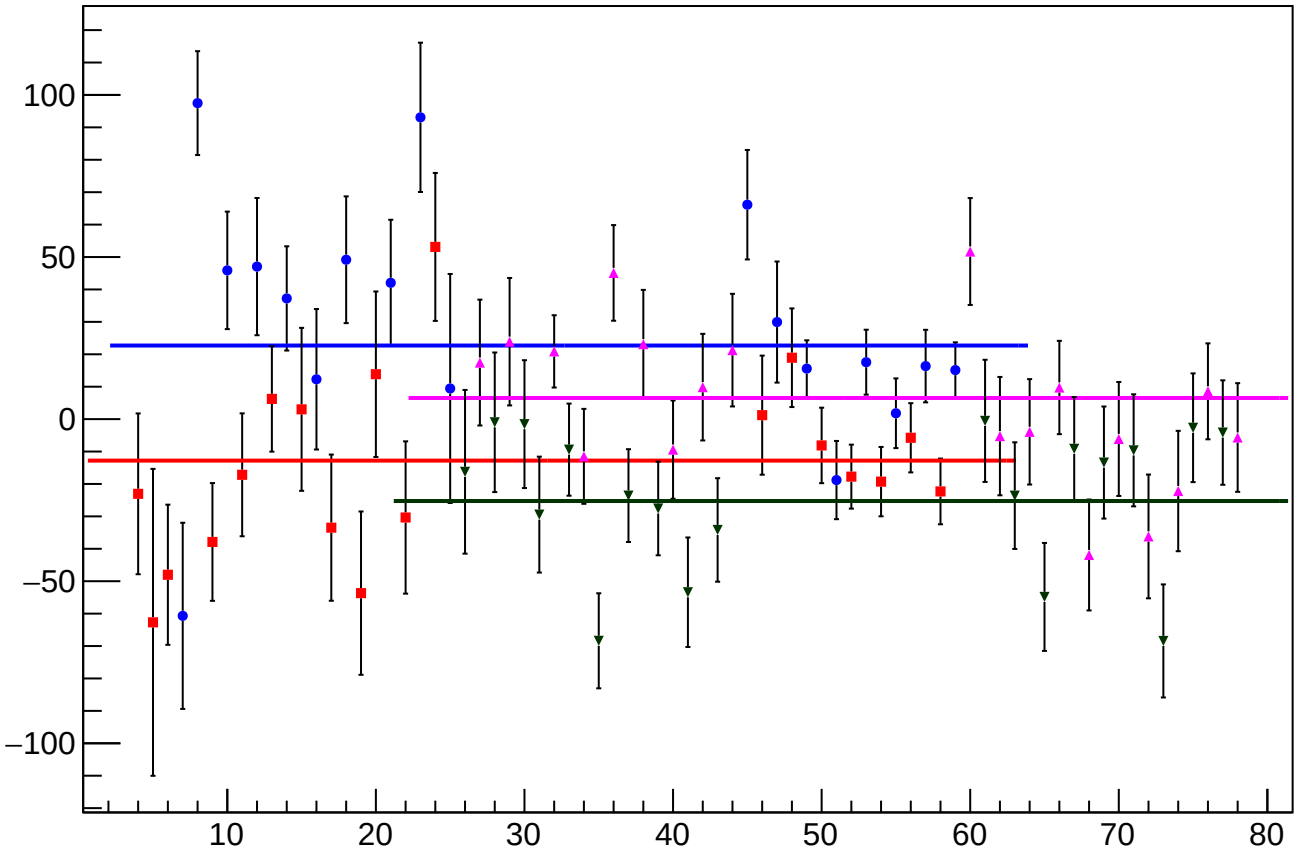
Left Out: 1900.118+/-0.429 χ^2/NDF:270613.0/18

Right Out: 1694.263+/-0.391 χ^2/NDF: 1202765.8/18

Left In: 1891.853+/-0.411 χ^2/NDF:320355.4/18

1794.811+/-0.282 χ^2/NDF: 2047341.0/36

1788.061+/-0.283 χ^2/NDF: 1644423.4/37



Right In: 22.698+/-3.315 χ^2/NDF: 70.9/17

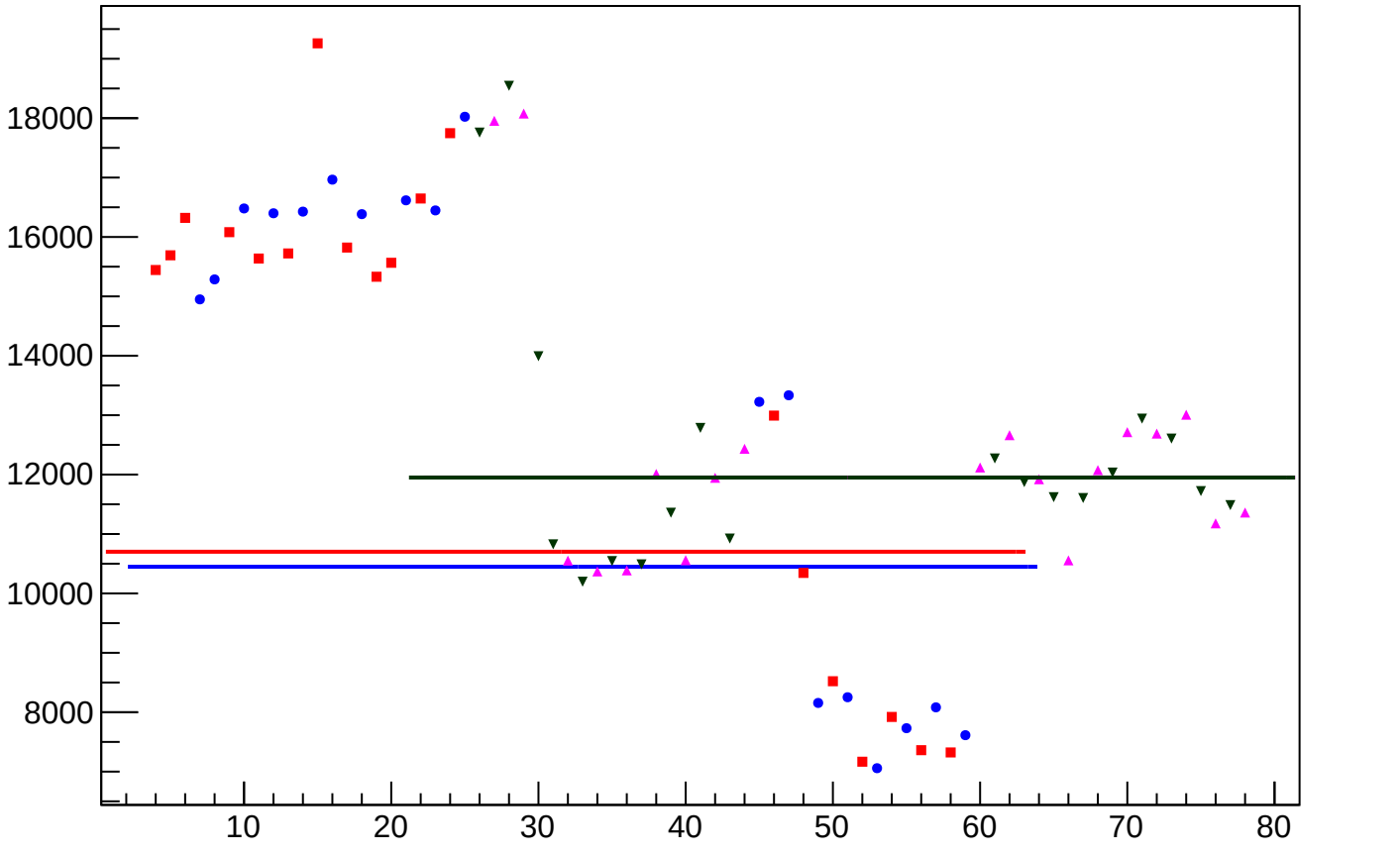
Left Out: -25.265+/-3.847 χ^2/NDF:32.8/18

Right Out: -12.799+/-3.618 χ^2/NDF: 28.2/18

Left In: 6.523+/-3.696 χ^2/NDF:38.8/18

2.261+/-2.511 χ^2/NDF: 192.9/36

-3.344+/-2.586 χ^2/NDF: 80.9/37



Right In: 10448.159+/-2.344 χ^2/NDF: 2654654.8/17

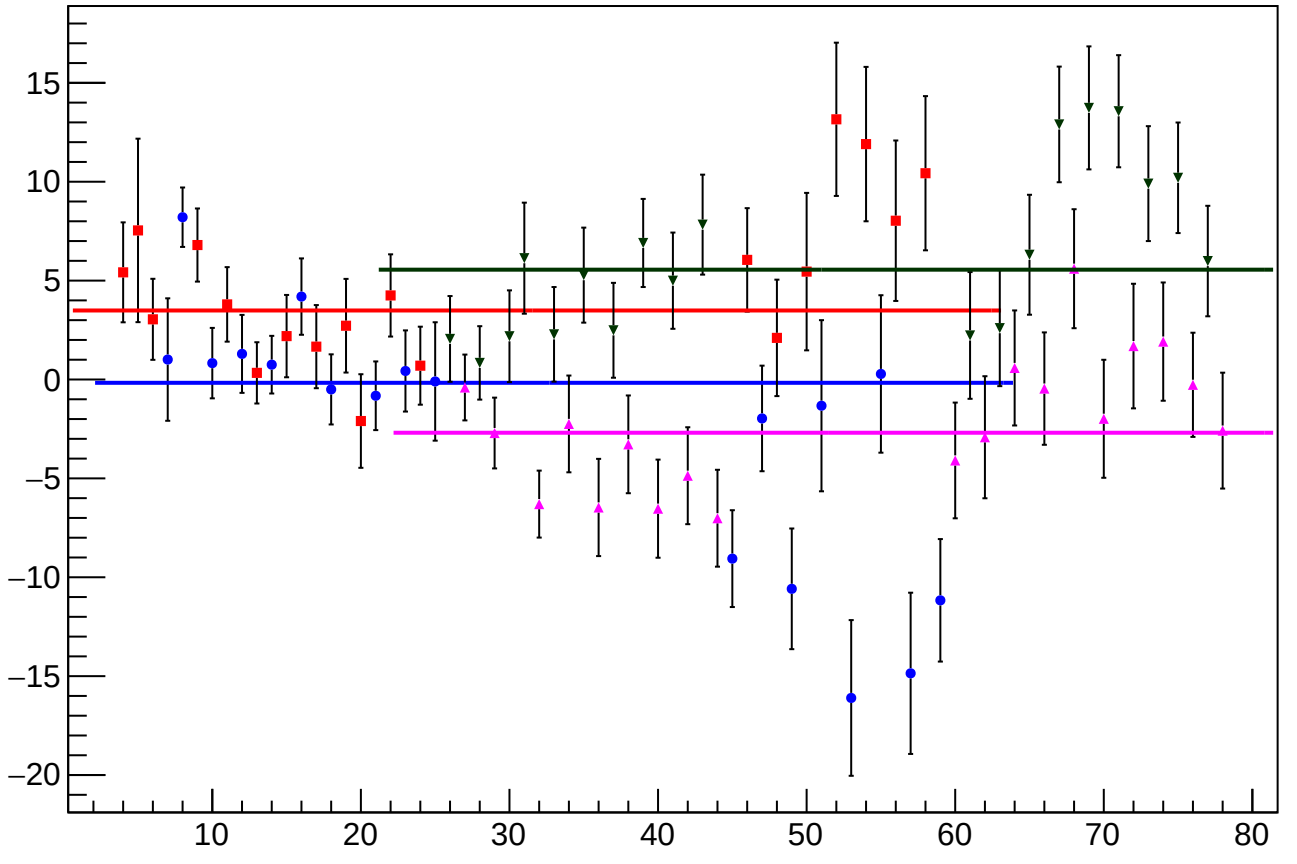
Left Out: 11950.385+/-2.720 χ^2/NDF:422898.1/18

Right Out: 10701.460+/-2.558 χ^2/NDF: 2438498.5/18

Left In: 11951.328+/-2.614 χ^2/NDF:524613.6/18

11088.247+/-1.776 χ^2/NDF: 3252565.0/36

11313.054+/-1.828 χ^2/NDF: 3079890.4/37



Right In: -0.167+/-0.526 χ^2/NDF: 105.2/17

Left Out: 5.553+/-0.587 χ^2/NDF:44.4/18

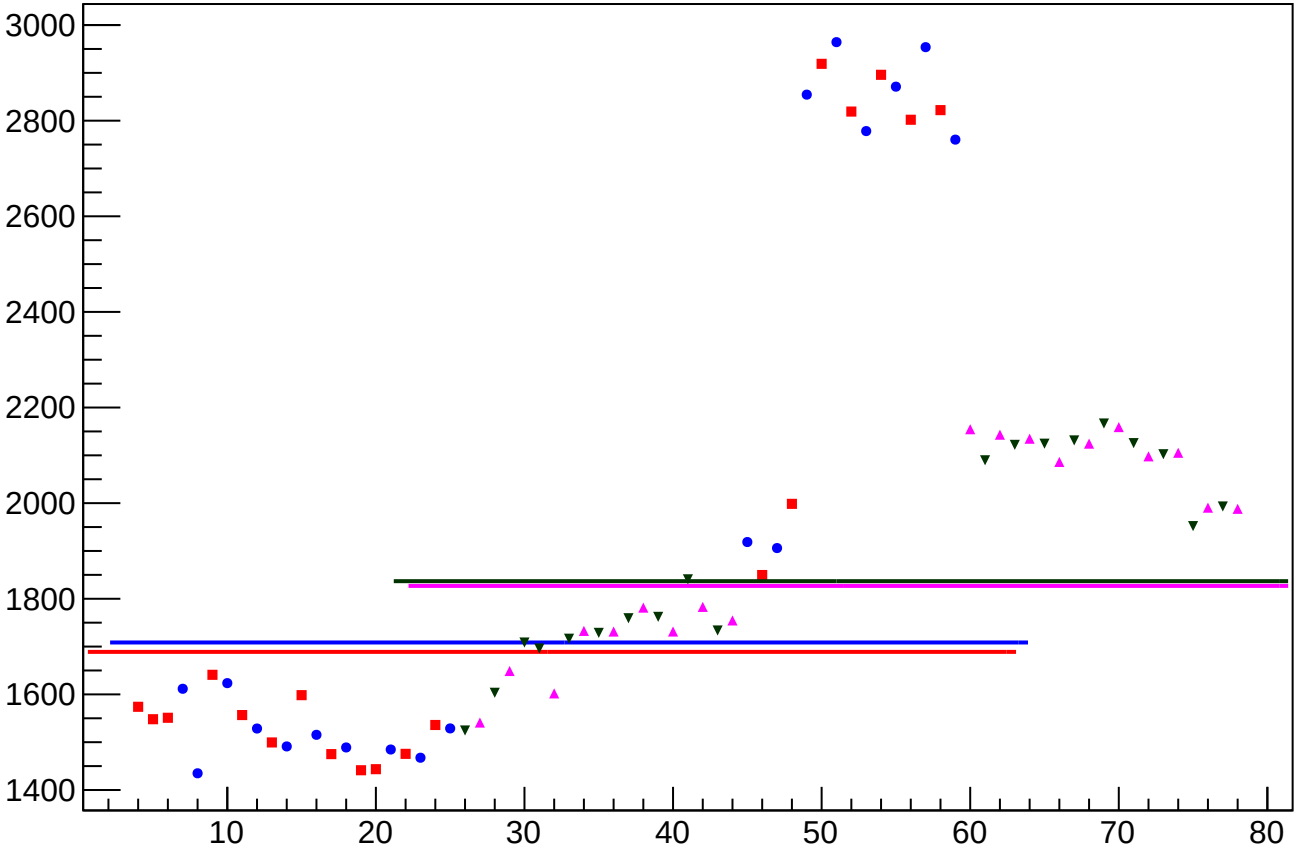
Right Out: 3.490+/-0.549 χ^2/NDF: 34.4/18

Left In: -2.692+/-0.561 χ^2/NDF:30.1/18

2.381+/-0.391 χ^2/NDF: 202.3/36

0.467+/-0.392 χ^2/NDF: 126.6/37

diff_bpm0l09Y_rms vs slug



Right In: 1708.561+/-0.372 χ^2/NDF: 1464594.2/17

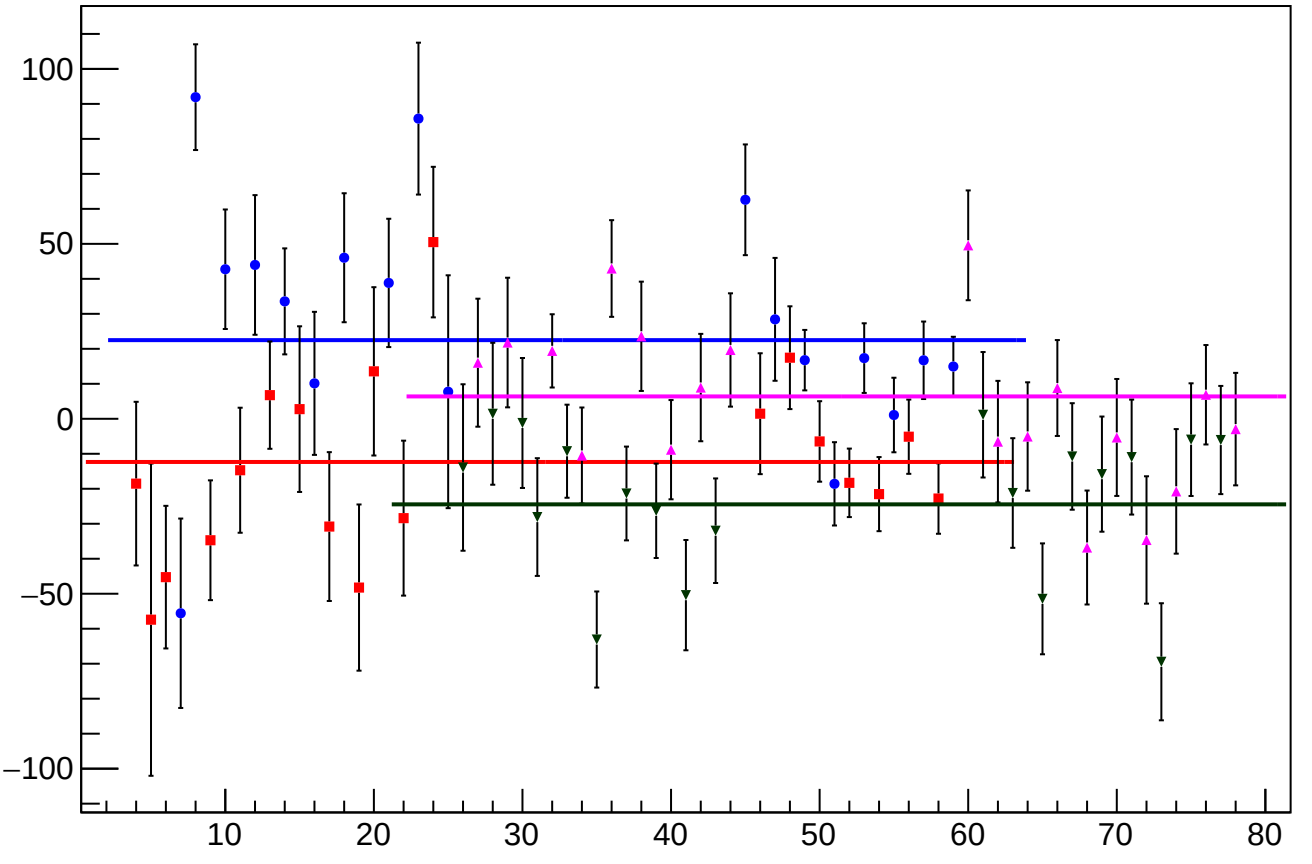
Left Out: 1836.801+/-0.415 χ^2/NDF:240335.8/18

Right Out: 1688.902+/-0.388 χ^2/NDF: 1058632.3/18

Left In: 1826.912+/-0.397 χ^2/NDF:301538.0/18

1765.691+/-0.277 χ^2/NDF: 1757942.9/36

1756.374+/-0.277 χ^2/NDF: 1421975.7/37



Right In: 22.480+/-3.228 χ^2/NDF: 68.3/17

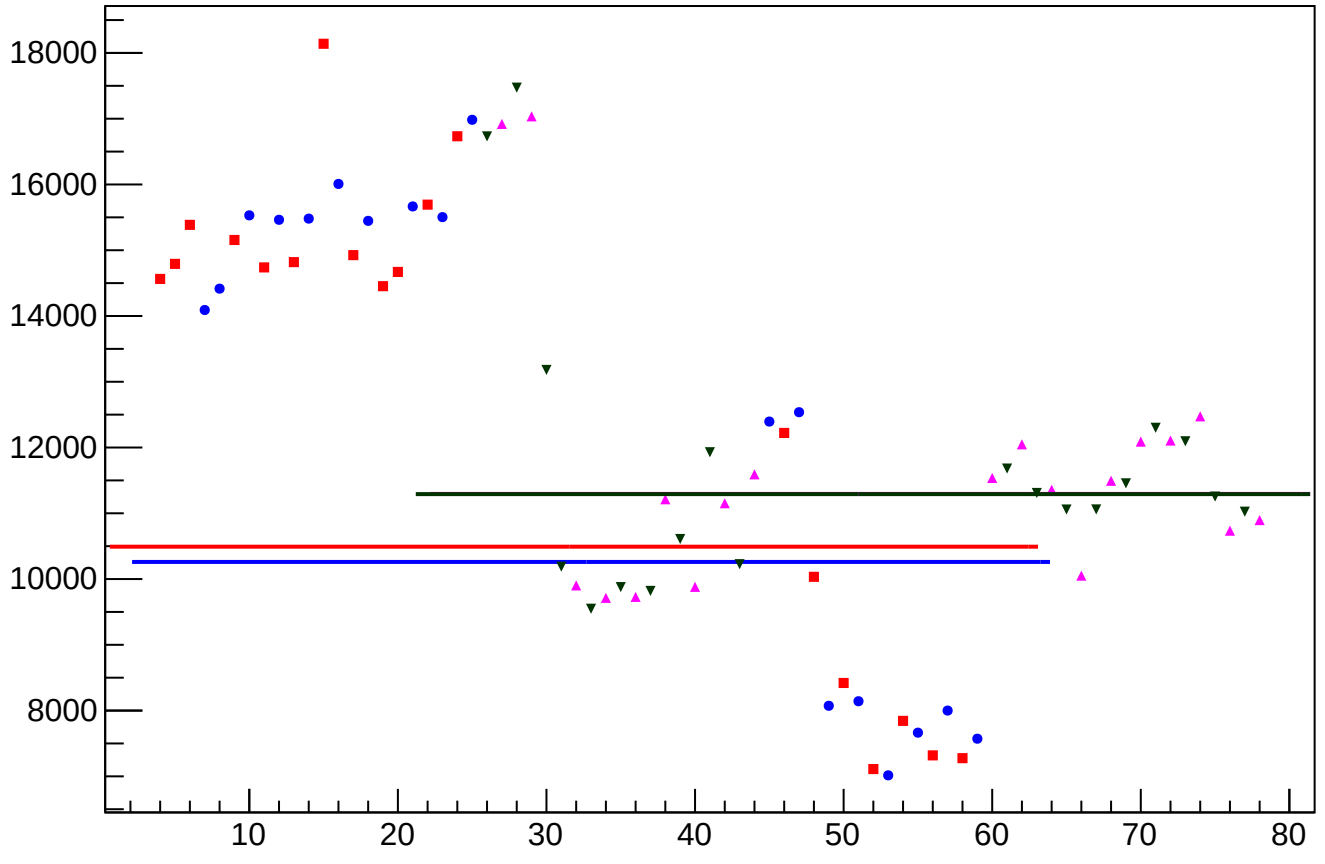
Left Out: -24.456+/-3.636 χ^2/NDF:32.4/18

Right Out: -12.340+/-3.516 χ^2/NDF: 28.3/18

Left In: 6.393+/-3.494 χ^2/NDF:38.1/18

1.791+/-2.414 χ^2/NDF: 193.9/36

-2.913+/-2.478 χ^2/NDF: 80.7/37



Right In: 10260.138+/-2.282 χ^2/NDF: 2319999.2/17

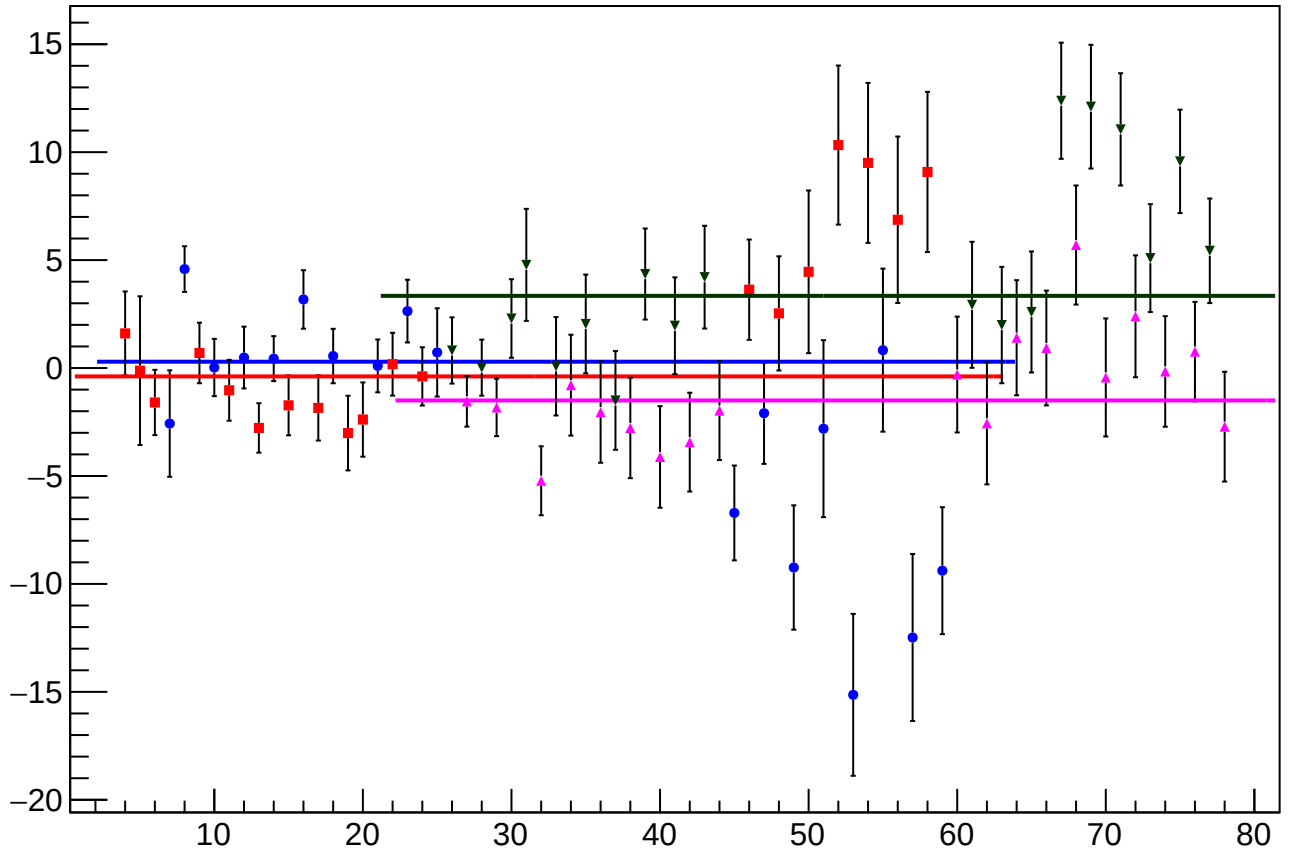
Left Out: 11291.536+/-2.571 χ^2/NDF:432554.6/18

Right Out: 10492.088+/-2.487 χ^2/NDF: 2138865.4/18

Left In: 11294.777+/-2.470 χ^2/NDF:532212.0/18

10714.758+/-1.707 χ^2/NDF: 2842557.5/36

10896.031+/-1.753 χ^2/NDF: 2723520.7/37



Right In: 0.293+/-0.393 χ^2/NDF: 86.6/17

Left Out: 3.344+/-0.504 χ^2/NDF:55.3/18

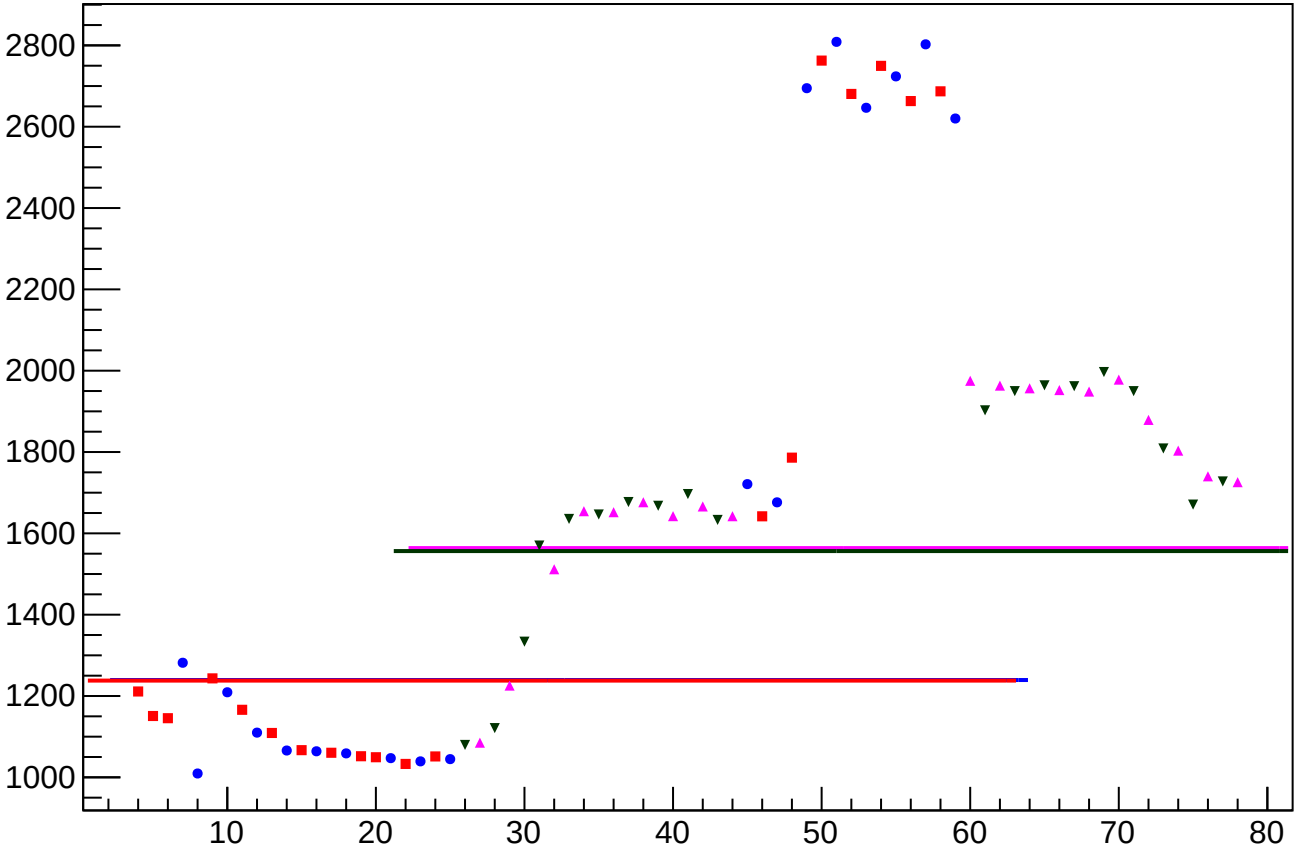
Right Out: -0.388+/-0.412 χ^2/NDF: 44.0/18

Left In: -1.501+/-0.486 χ^2/NDF:20.6/18

1.446+/-0.310 χ^2/NDF: 164.6/36

-0.853+/-0.314 χ^2/NDF: 67.7/37

diff_bpm0l10Y_rms vs slug



Right In: 1239.296+/-0.278 χ^2/NDF: 2675601.4/17

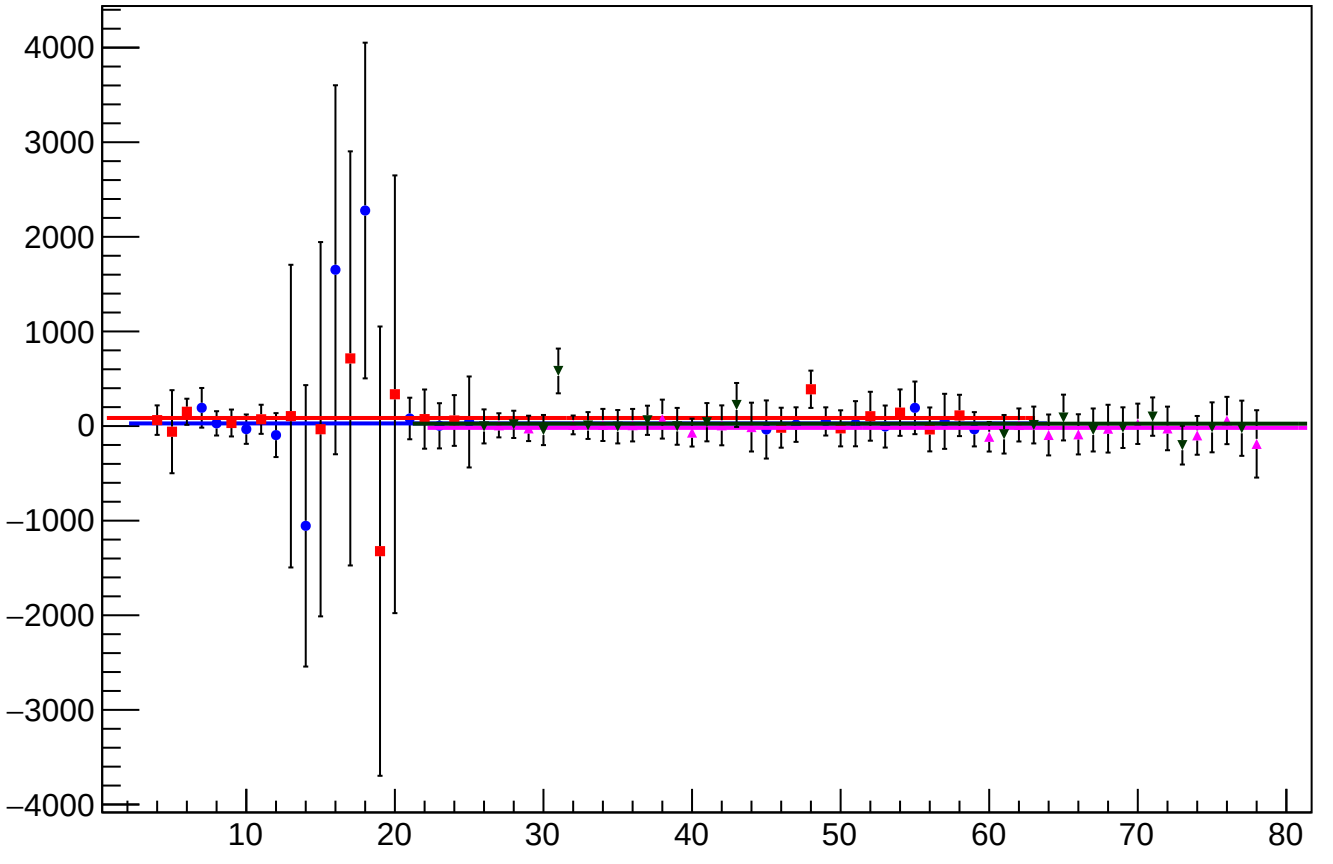
Left Out: 1556.411+/-0.356 χ^2/NDF:760803.3/18

Right Out: 1237.907+/-0.291 χ^2/NDF: 1914347.8/18

Left In: 1563.737+/-0.344 χ^2/NDF:804531.4/18

1359.166+/-0.219 χ^2/NDF: 3929165.1/36

1374.021+/-0.222 χ^2/NDF: 3241846.2/37



Right In: 27.874+/-52.297 χ^2/NDF: 4.5/17

Left Out: 25.099+/-44.184 χ^2/NDF:8.5/18

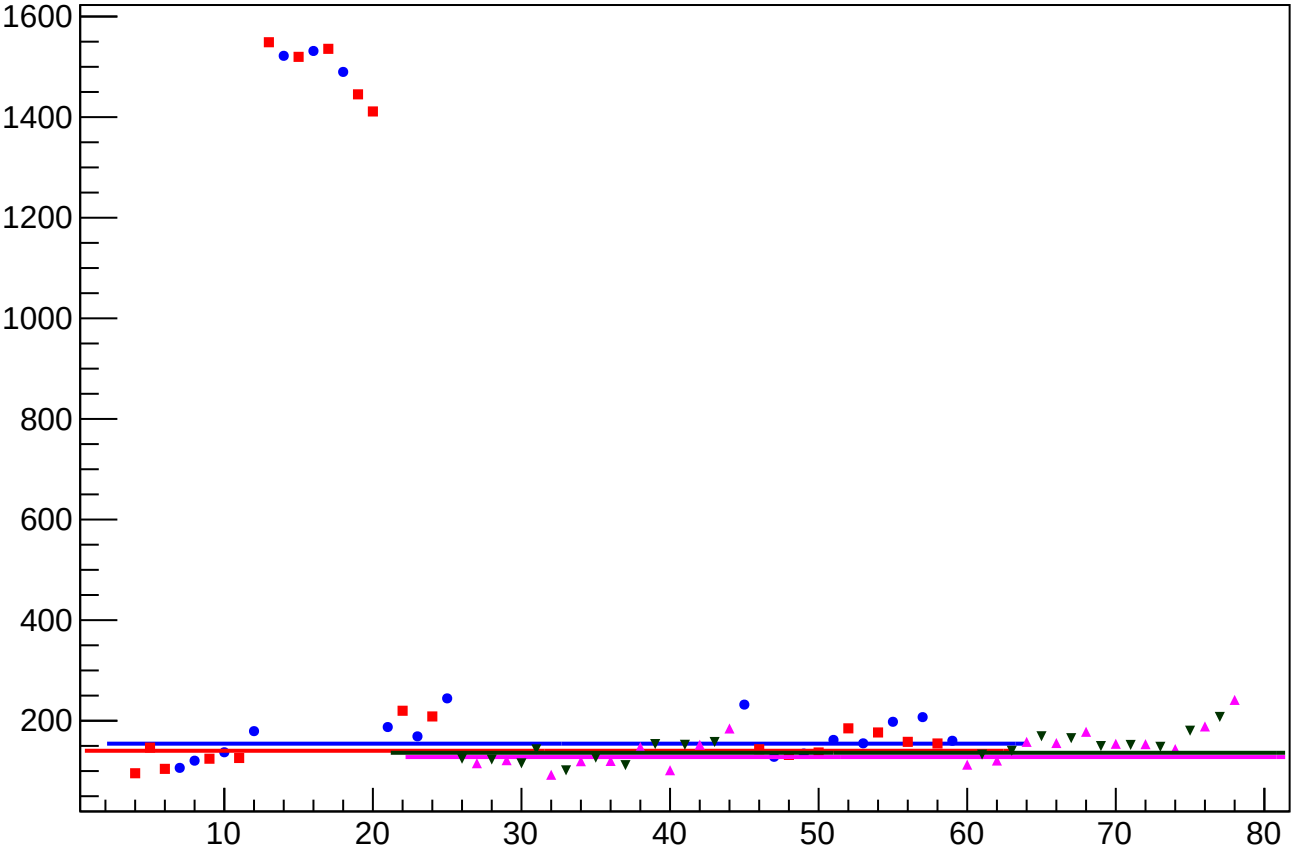
Right Out: 85.325+/-52.506 χ^2/NDF: 4.3/18

Left In: -19.336+/-40.300 χ^2/NDF:1.7/18

26.255+/-33.751 χ^2/NDF: 13.0/36

19.463+/-31.969 χ^2/NDF: 8.4/37

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 154.452+/-0.037 χ^2/NDF: 4556738.2/17

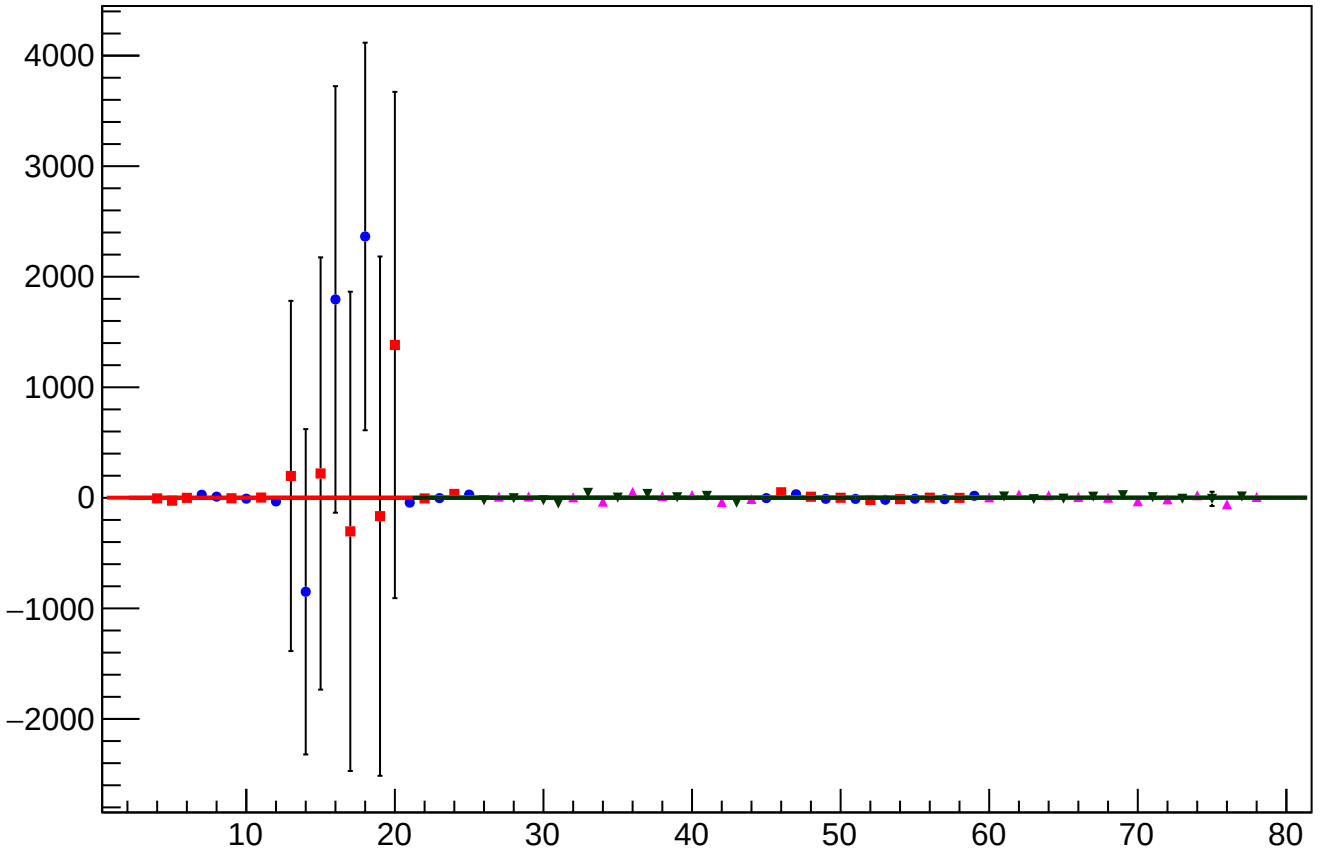
Left Out: 136.322+/-0.031 χ^2/NDF:557533.8/18

Right Out: 140.345+/-0.037 χ^2/NDF: 5274055.6/18

Left In: 127.802+/-0.028 χ^2/NDF:1053110.5/18

143.873+/-0.024 χ^2/NDF: 5254518.7/36

132.452+/-0.023 χ^2/NDF: 6398998.3/37



Right In: 0.581+/-4.614 χ^2/NDF: 16.6/17

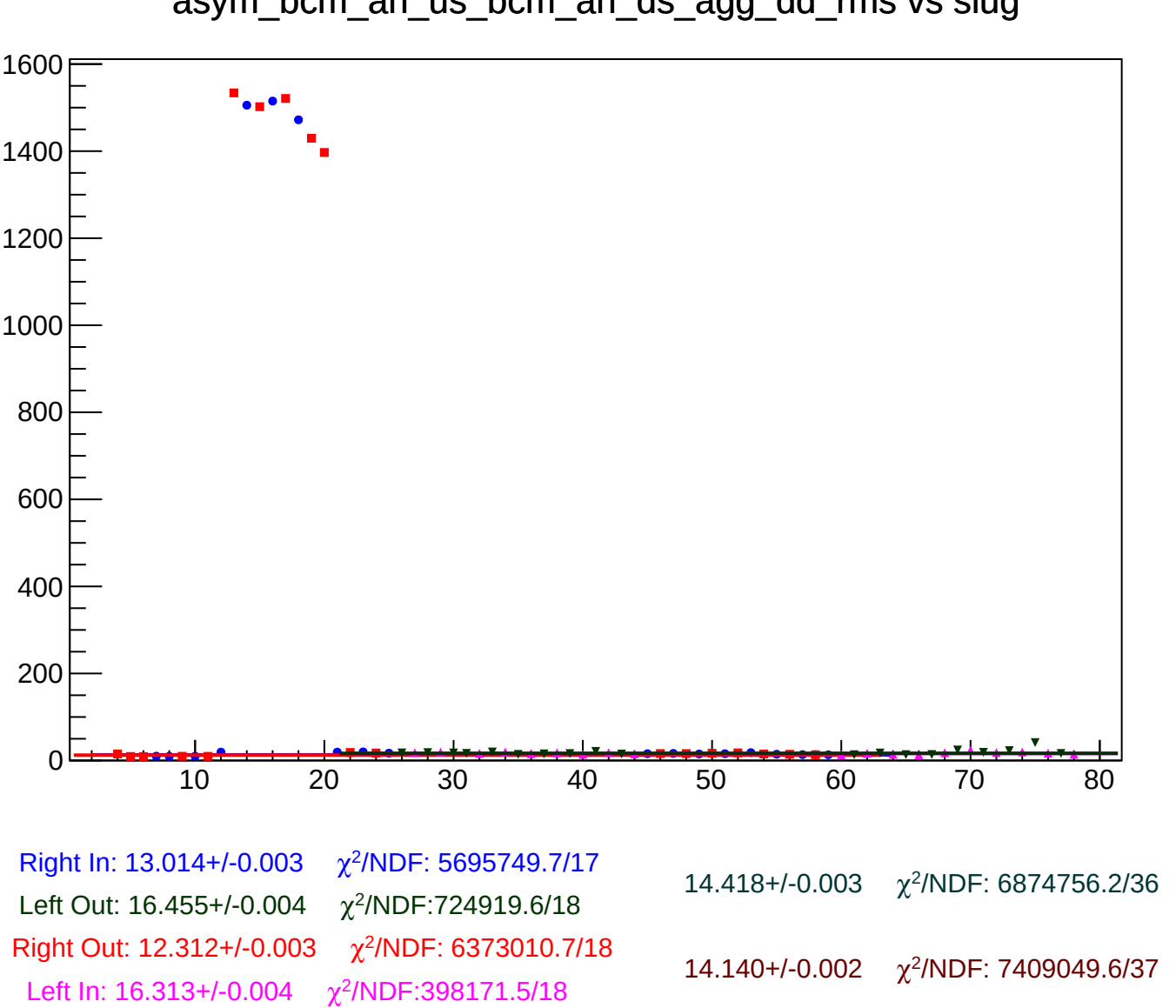
Left Out: -0.380+/-5.555 χ^2/NDF:16.6/18

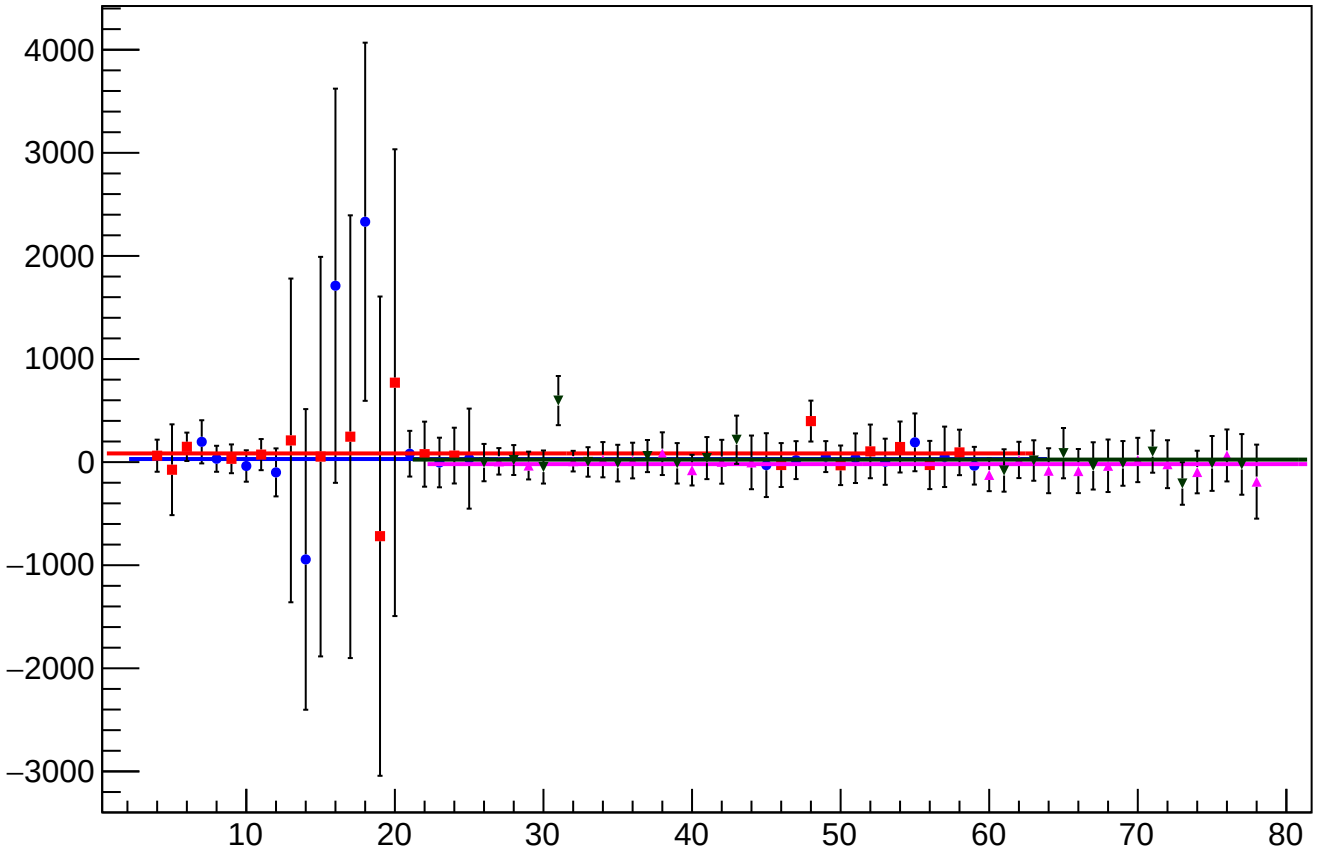
Right Out: 1.382+/-4.789 χ^2/NDF: 9.5/18

Left In: 5.212+/-5.222 χ^2/NDF:20.9/18

0.189+/-3.549 χ^2/NDF: 33.2/36

3.132+/-3.529 χ^2/NDF: 30.6/37


asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug
1600
1400
1200
1000
800
600
400
200
0
10
20
30
40
50
60
70
80
Right In: 13.014+/-0.003 χ2/NDF: 5695749.7/17
Left Out: 16.455+/-0.004 χ2/NDF:724919.6/18
Right Out: 12.312+/-0.003 χ2/NDF: 6373010.7/18
Left In: 16.313+/-0.004 χ2/NDF:398171.5/18
14.418+/-0.003 χ2/NDF: 6874756.2/36
14.140+/-0.002 χ2/NDF: 7409049.6/37



Right In: 30.011+/-52.267 χ^2/NDF: 4.7/17

Left Out: 24.575+/-44.535 χ^2/NDF:8.7/18

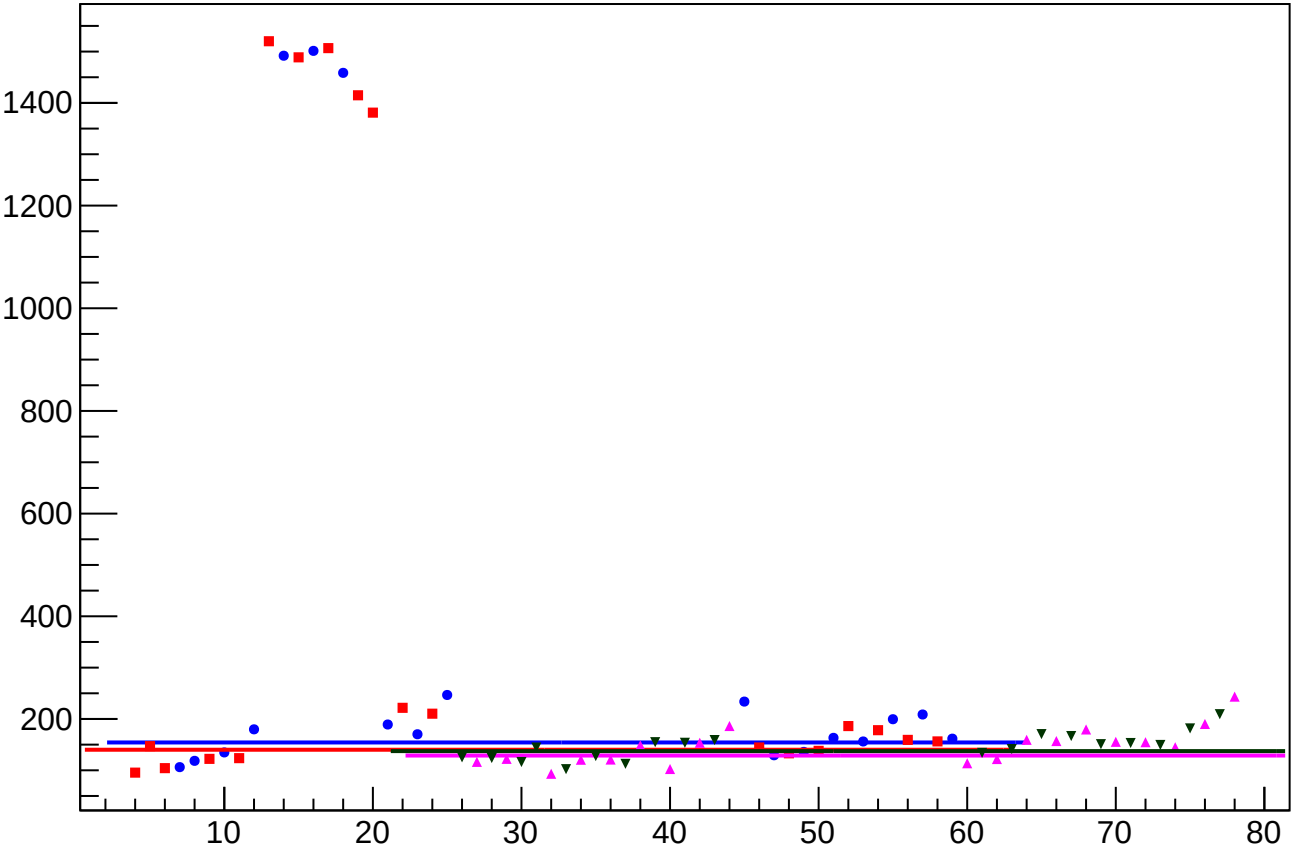
Right Out: 84.316+/-52.424 χ^2/NDF: 4.2/18

Left In: -19.430+/-40.607 χ^2/NDF:1.8/18

26.861+/-33.898 χ^2/NDF: 13.4/36

19.474+/-32.103 χ^2/NDF: 8.5/37

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 154.234+/-0.037 χ^2/NDF: 4584859.8/17

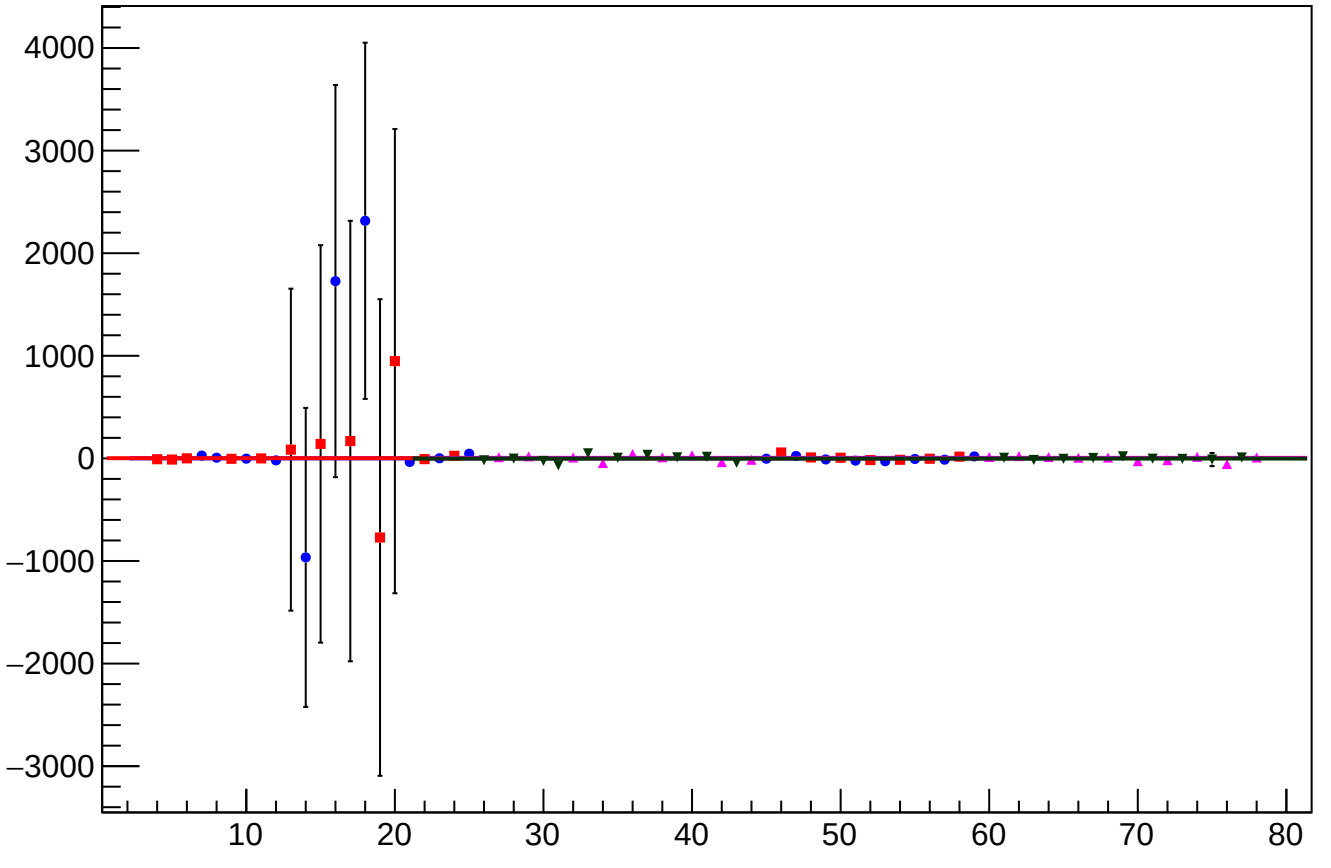
Left Out: 137.401+/-0.031 χ^2/NDF:558400.4/18

Right Out: 140.050+/-0.037 χ^2/NDF: 5289912.8/18

Left In: 128.763+/-0.029 χ^2/NDF:1056109.4/18

144.482+/-0.024 χ^2/NDF: 5263456.0/36

132.996+/-0.023 χ^2/NDF: 6403965.8/37



Right In: 0.652+/-4.315 χ^2/NDF: 16.0/17

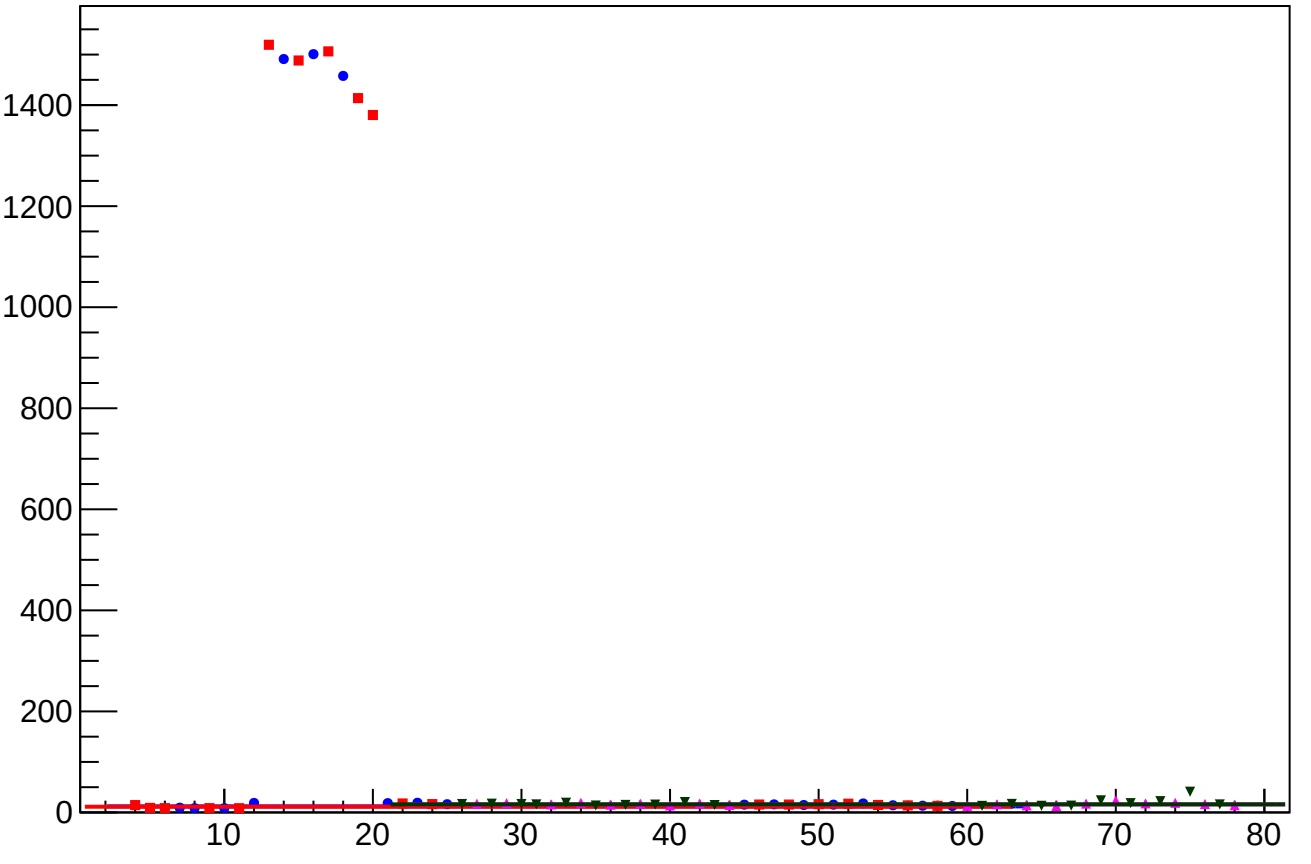
Left Out: -1.517+/-5.431 χ^2/NDF:19.4/18

Right Out: 1.782+/-4.470 χ^2/NDF: 10.1/18

Left In: 5.176+/-5.110 χ^2/NDF:20.1/18

-0.188+/-3.379 χ^2/NDF: 35.5/36

3.253+/-3.365 χ^2/NDF: 30.5/37



Right In: 12.013+/-0.003 χ^2/NDF: 6061463.6/17

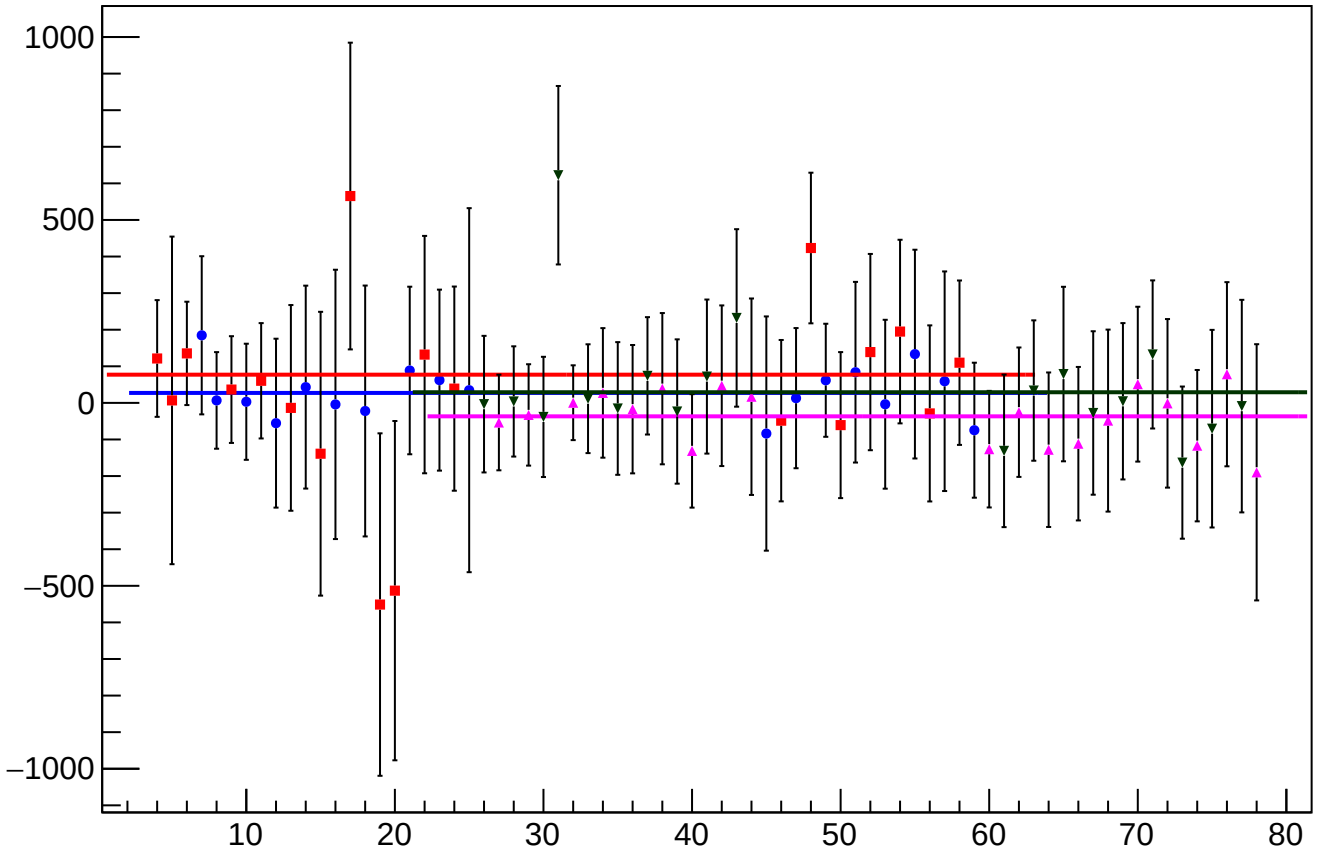
Left Out: 16.054+/-0.004 χ^2/NDF:735765.0/18

Right Out: 11.361+/-0.003 χ^2/NDF: 6645877.2/18

Left In: 15.939+/-0.004 χ^2/NDF:394256.9/18

13.577+/-0.002 χ^2/NDF: 7475983.8/36

13.345+/-0.002 χ^2/NDF: 7949504.7/37



Right In: 27.225+/-51.816 χ^2/NDF: 1.5/17

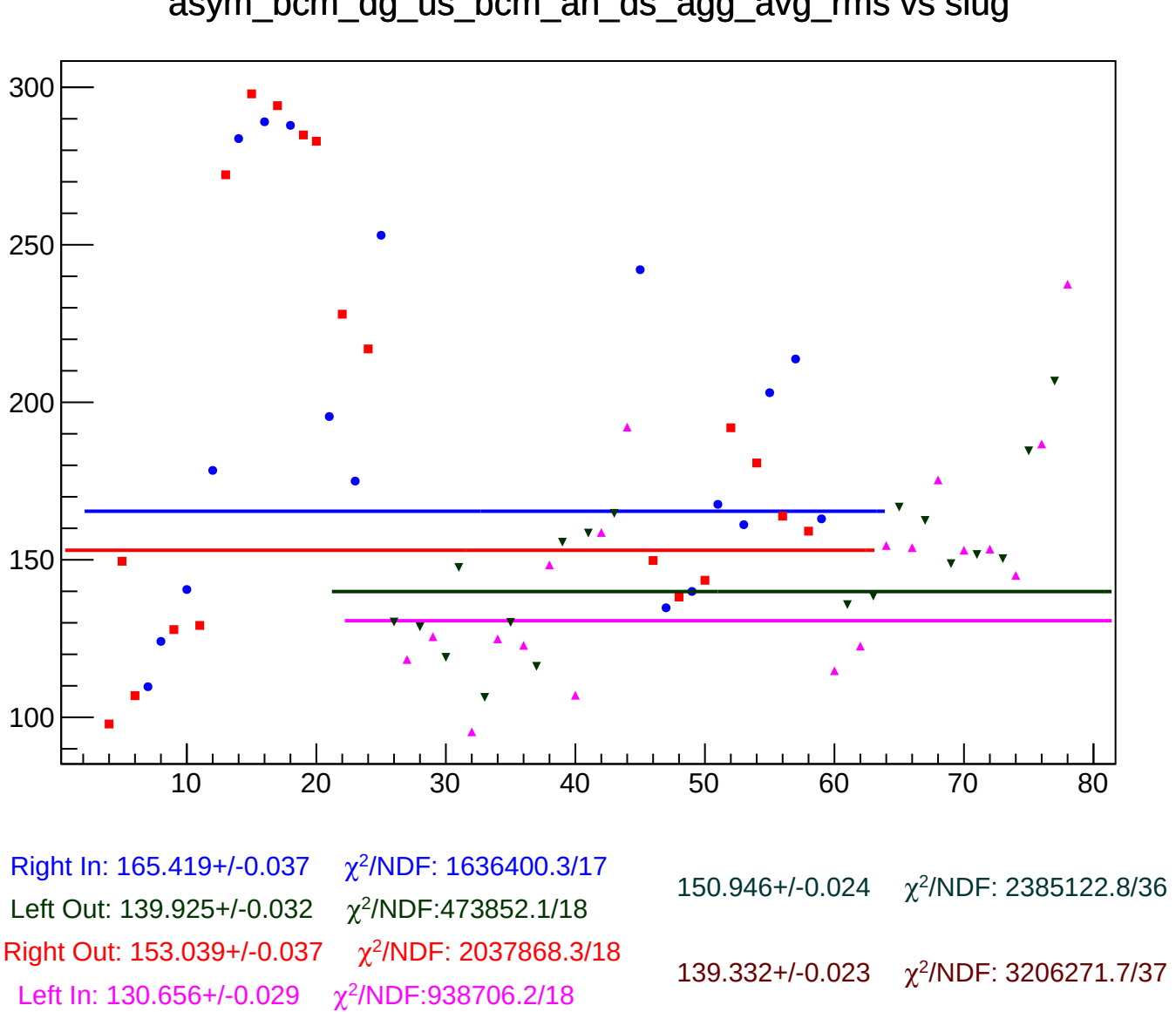
Left Out: 29.066+/-45.215 χ^2/NDF:9.1/18

Right Out: 77.113+/-51.687 χ^2/NDF: 9.7/18

Left In: -36.769+/-41.118 χ^2/NDF:2.4/18

28.270+/-34.068 χ^2/NDF: 10.6/36

7.369+/-32.178 χ^2/NDF: 15.1/37



Right In: 165.419+/-0.037 χ^2/NDF: 1636400.3/17

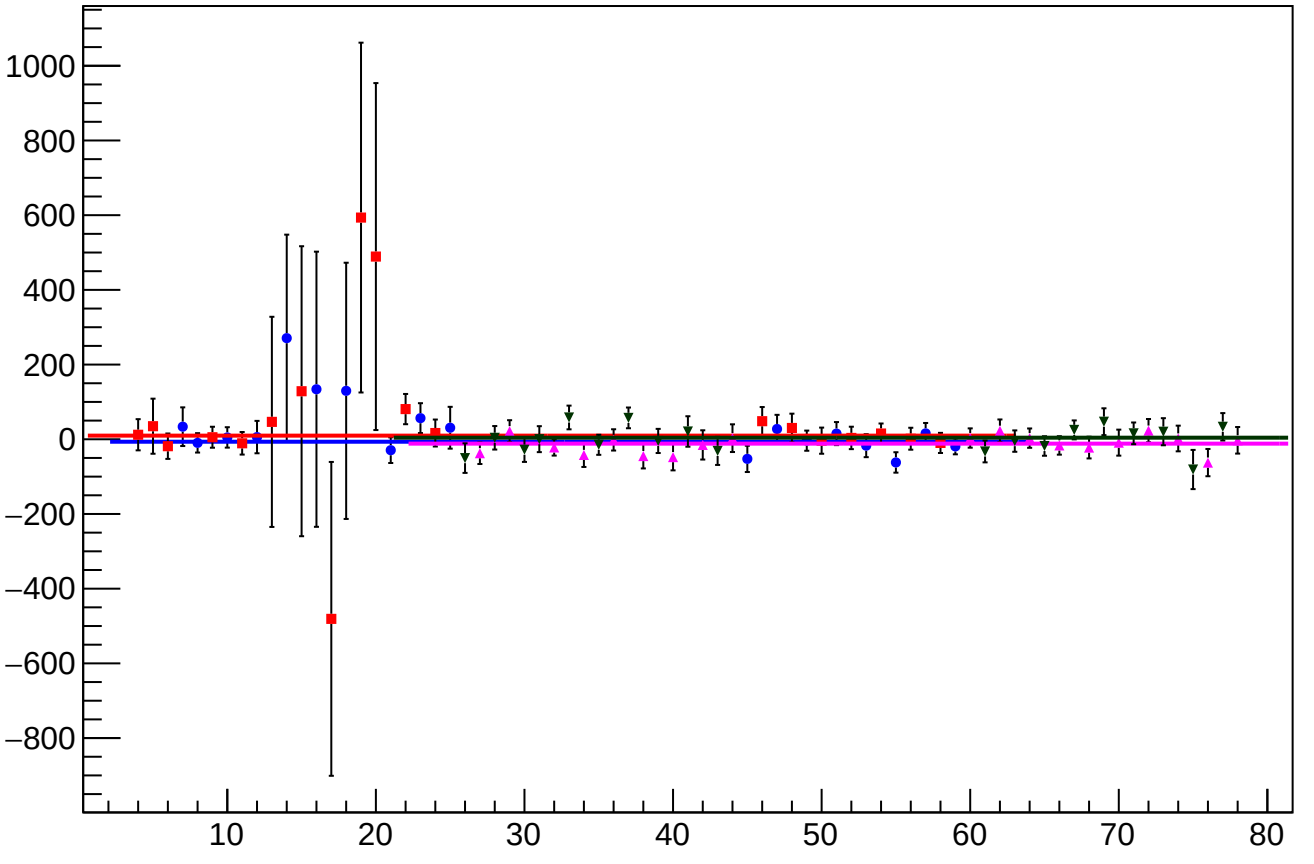
Left Out: 139.925+/-0.032 χ^2/NDF:473852.1/18

Right Out: 153.039+/-0.037 χ^2/NDF: 2037868.3/18

Left In: 130.656+/-0.029 χ^2/NDF:938706.2/18

150.946+/-0.024 χ^2/NDF: 2385122.8/36

139.332+/-0.023 χ^2/NDF: 3206271.7/37



Right In: -6.569+/-8.065 χ^2/NDF: 13.8/17

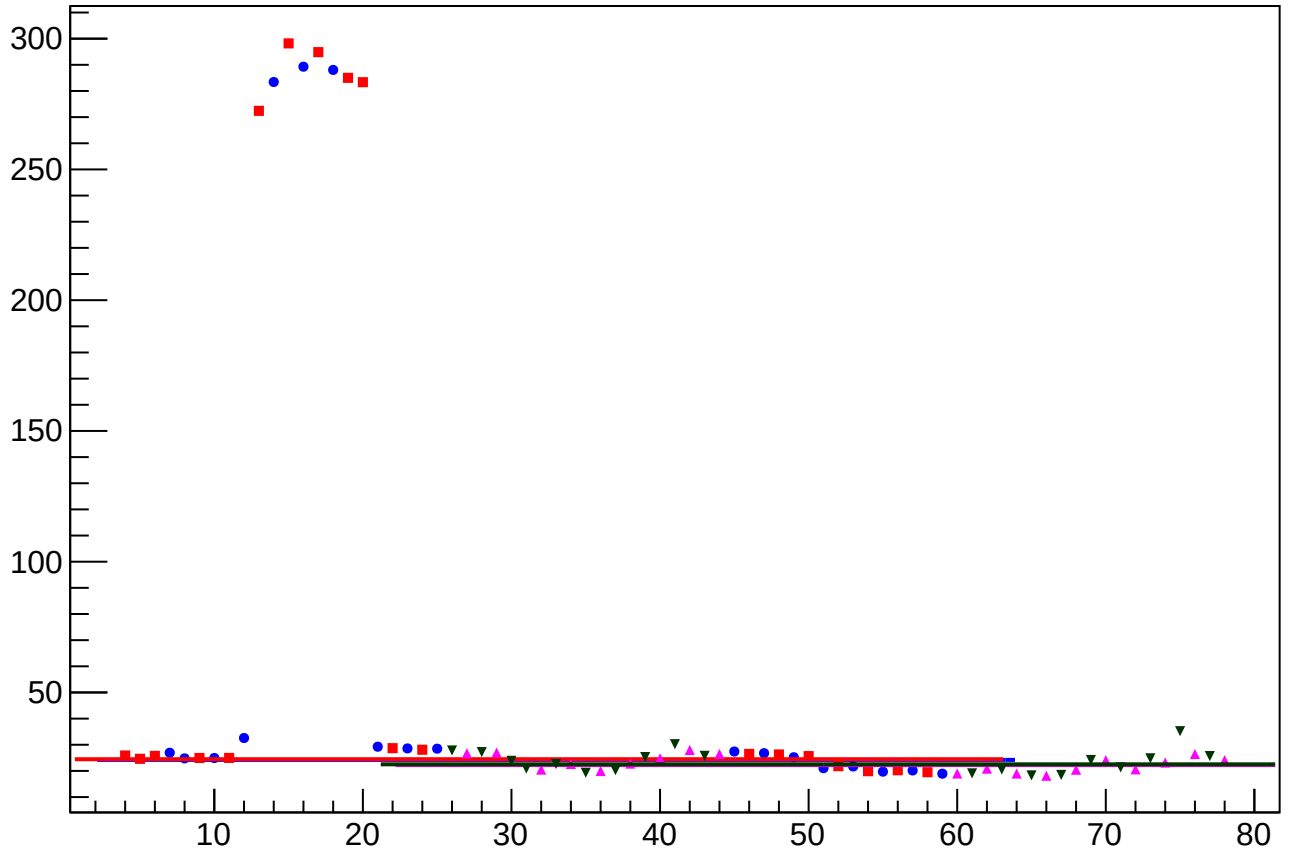
Left Out: 4.237+/-7.334 χ^2/NDF:19.2/18

Right Out: 9.755+/-8.898 χ^2/NDF: 10.7/18

Left In: -11.701+/-6.924 χ^2/NDF:11.0/18

-0.654+/-5.426 χ^2/NDF: 34.0/36

-3.610+/-5.464 χ^2/NDF: 25.3/37



Right In: 24.225+/-0.006 χ^2/NDF: 4413051.2/17

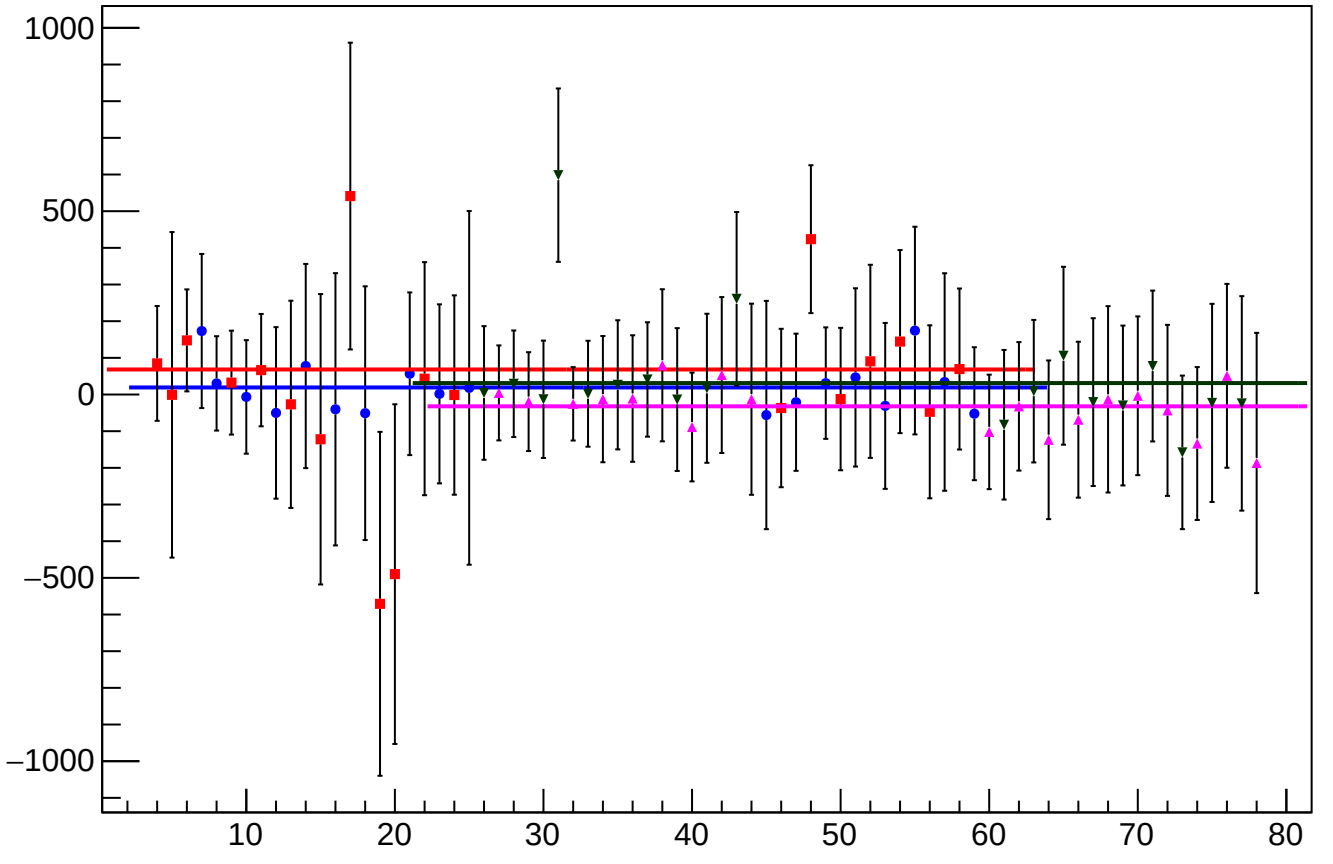
Left Out: 22.521+/-0.005 χ^2/NDF:518194.1/18

Right Out: 24.466+/-0.006 χ^2/NDF: 4859985.2/18

Left In: 22.225+/-0.005 χ^2/NDF:381965.3/18

23.292+/-0.004 χ^2/NDF: 4980136.6/36

23.070+/-0.004 χ^2/NDF: 5320921.1/37



Right In: 19.264+/-50.913 χ^2/NDF: 1.4/17

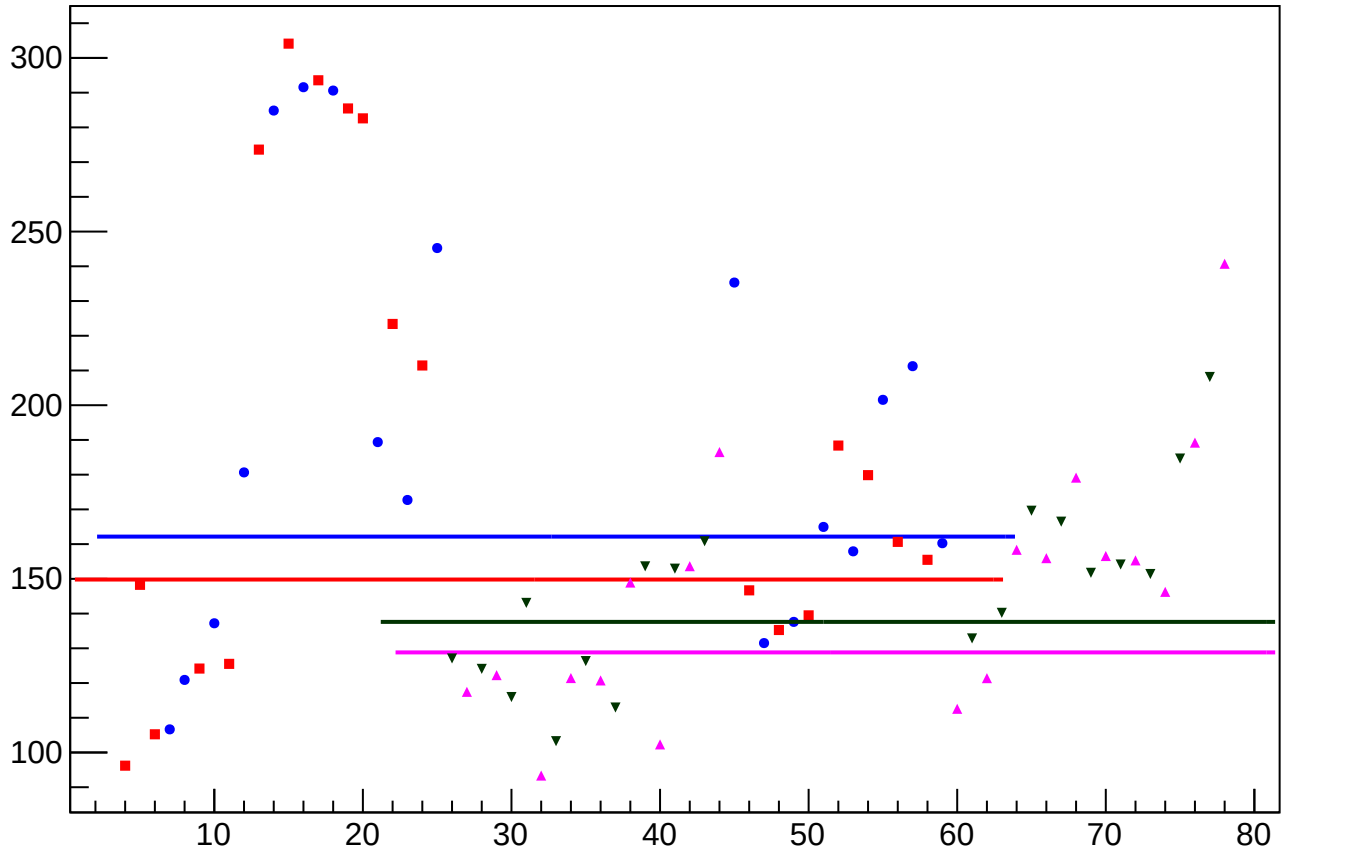
Left Out: 31.242+/-44.565 χ^2/NDF:8.4/18

Right Out: 68.308+/-50.710 χ^2/NDF: 9.3/18

Left In: -32.185+/-40.606 χ^2/NDF:1.7/18

26.046+/-33.533 χ^2/NDF: 9.9/36

7.076+/-31.696 χ^2/NDF: 13.4/37



Right In: 162.166+/-0.036 χ^2/NDF: 1720612.8/17

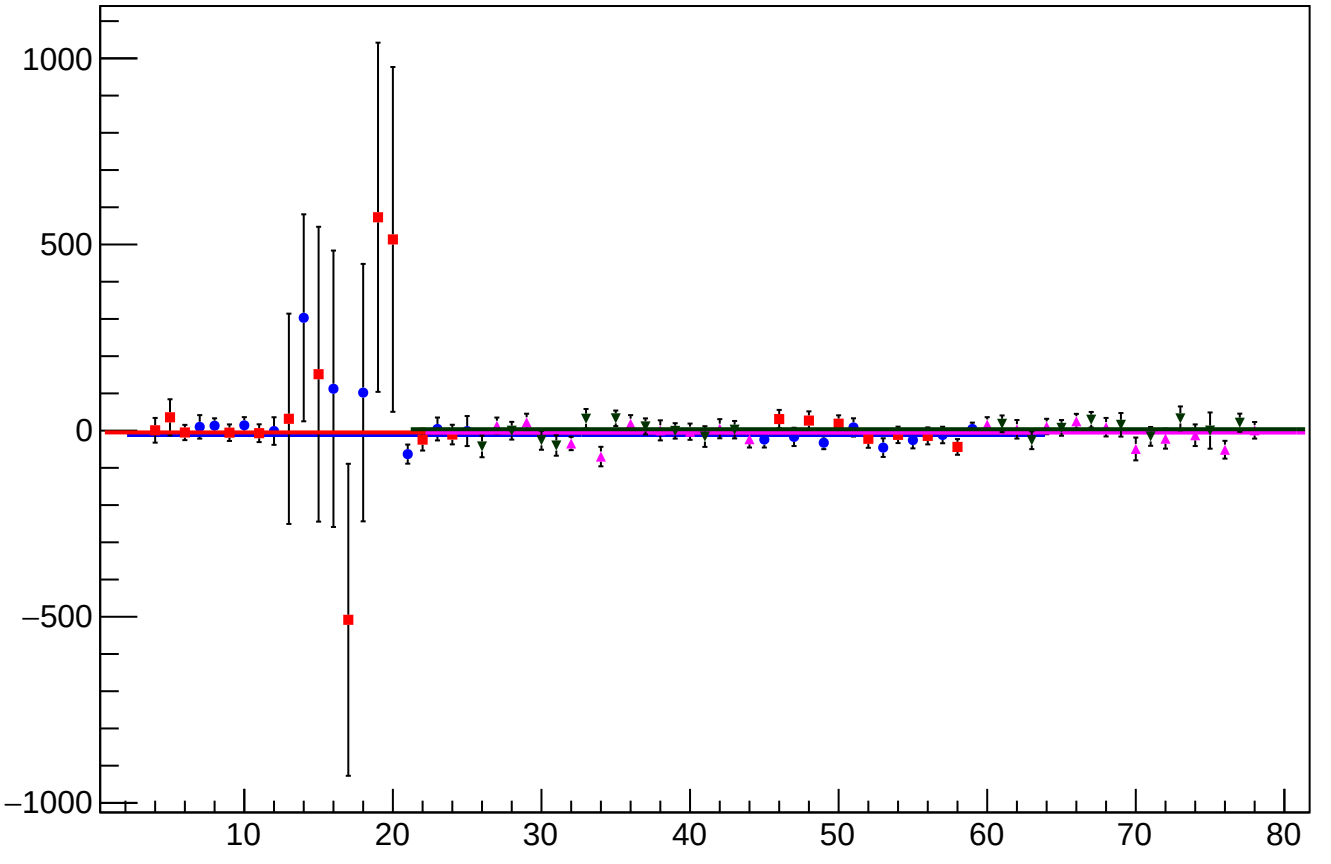
Left Out: 137.607+/-0.032 χ^2/NDF:552018.9/18

Right Out: 149.803+/-0.036 χ^2/NDF: 2114602.4/18

Left In: 128.819+/-0.029 χ^2/NDF:1048266.9/18

148.261+/-0.024 χ^2/NDF: 2536127.6/36

137.017+/-0.022 χ^2/NDF: 3371553.2/37



Right In: -11.713+/-6.036 χ^2/NDF: 15.0/17

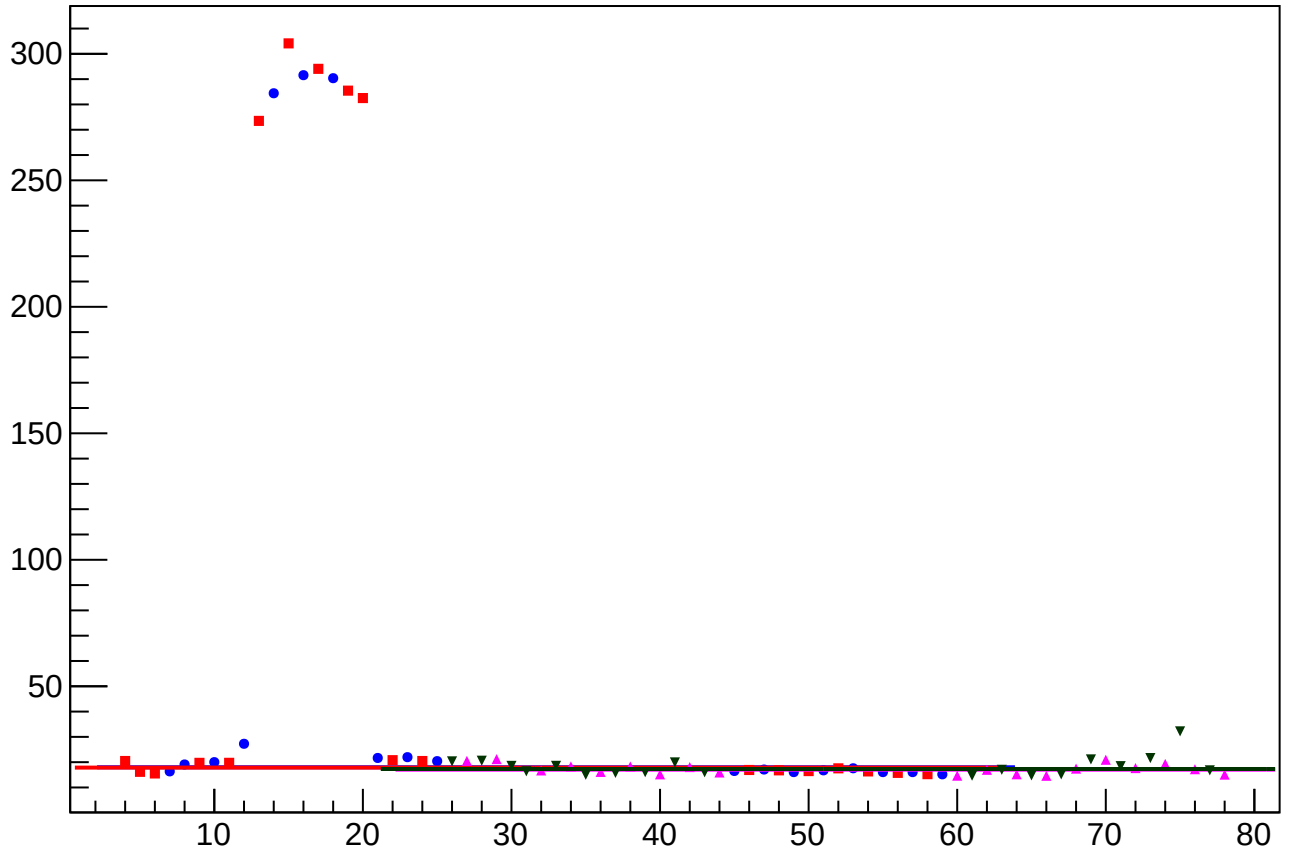
Left Out: 3.803+/-5.673 χ^2/NDF:15.8/18

Right Out: -4.846+/-6.550 χ^2/NDF: 14.7/18

Left In: -5.201+/-5.323 χ^2/NDF:23.5/18

-3.475+/-4.134 χ^2/NDF: 34.3/36

-5.060+/-4.131 χ^2/NDF: 38.2/37



Right In: 17.988+/-0.004 χ^2/NDF: 4525208.5/17

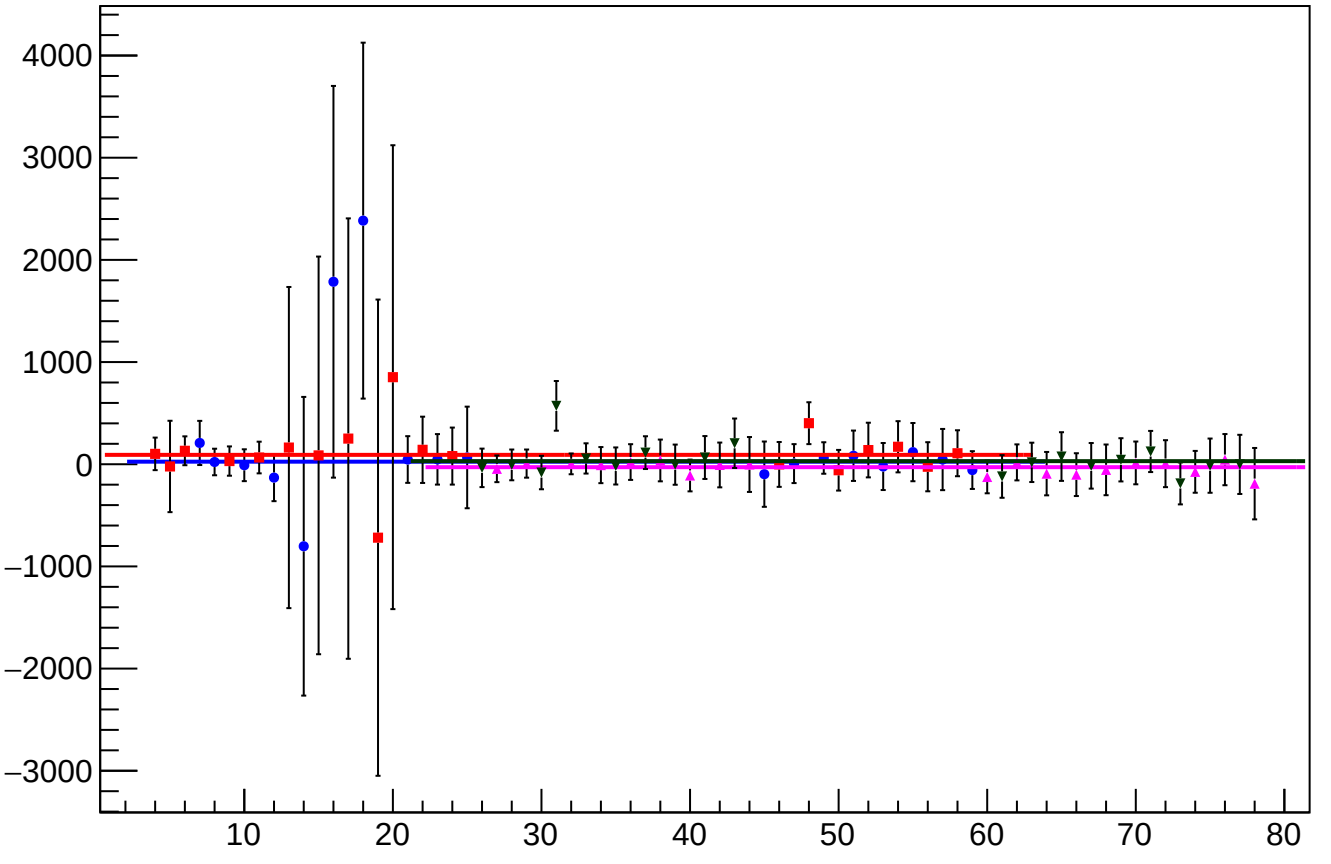
Left Out: 17.304+/-0.004 χ^2/NDF:470538.0/18

Right Out: 17.855+/-0.005 χ^2/NDF: 5034119.1/18

Left In: 17.033+/-0.004 χ^2/NDF:283805.0/18

17.625+/-0.003 χ^2/NDF: 5009365.1/36

17.360+/-0.003 χ^2/NDF: 5336859.2/37



Right In: 25.115+/-53.539 χ^2/NDF: 4.9/17

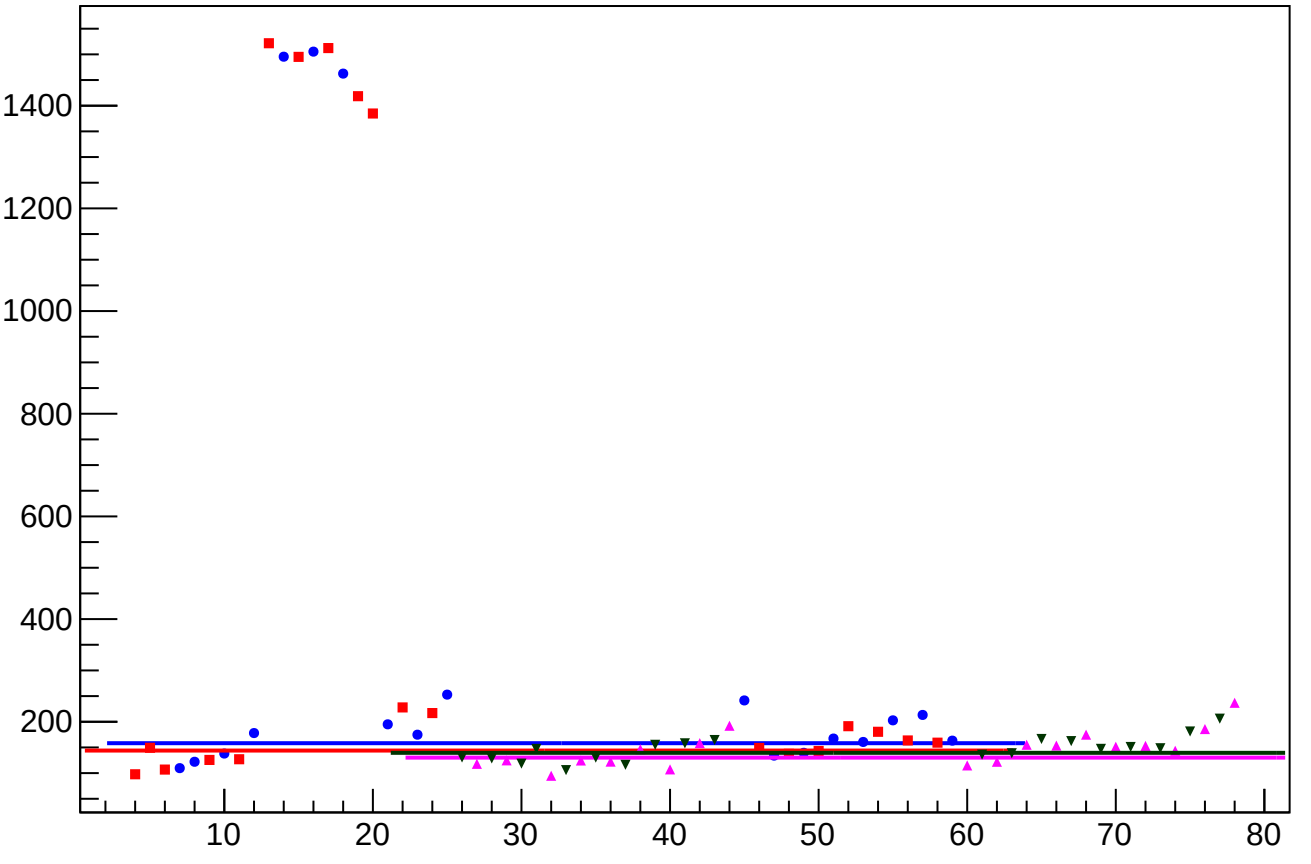
Left Out: 30.214+/-45.099 χ^2/NDF:8.5/18

Right Out: 91.771+/-53.823 χ^2/NDF: 4.0/18

Left In: -28.834+/-40.977 χ^2/NDF:1.7/18

28.098+/-34.493 χ^2/NDF: 13.4/36

15.421+/-32.604 χ^2/NDF: 9.0/37



Right In: 158.277+/-0.038 χ^2/NDF: 4538983.8/17

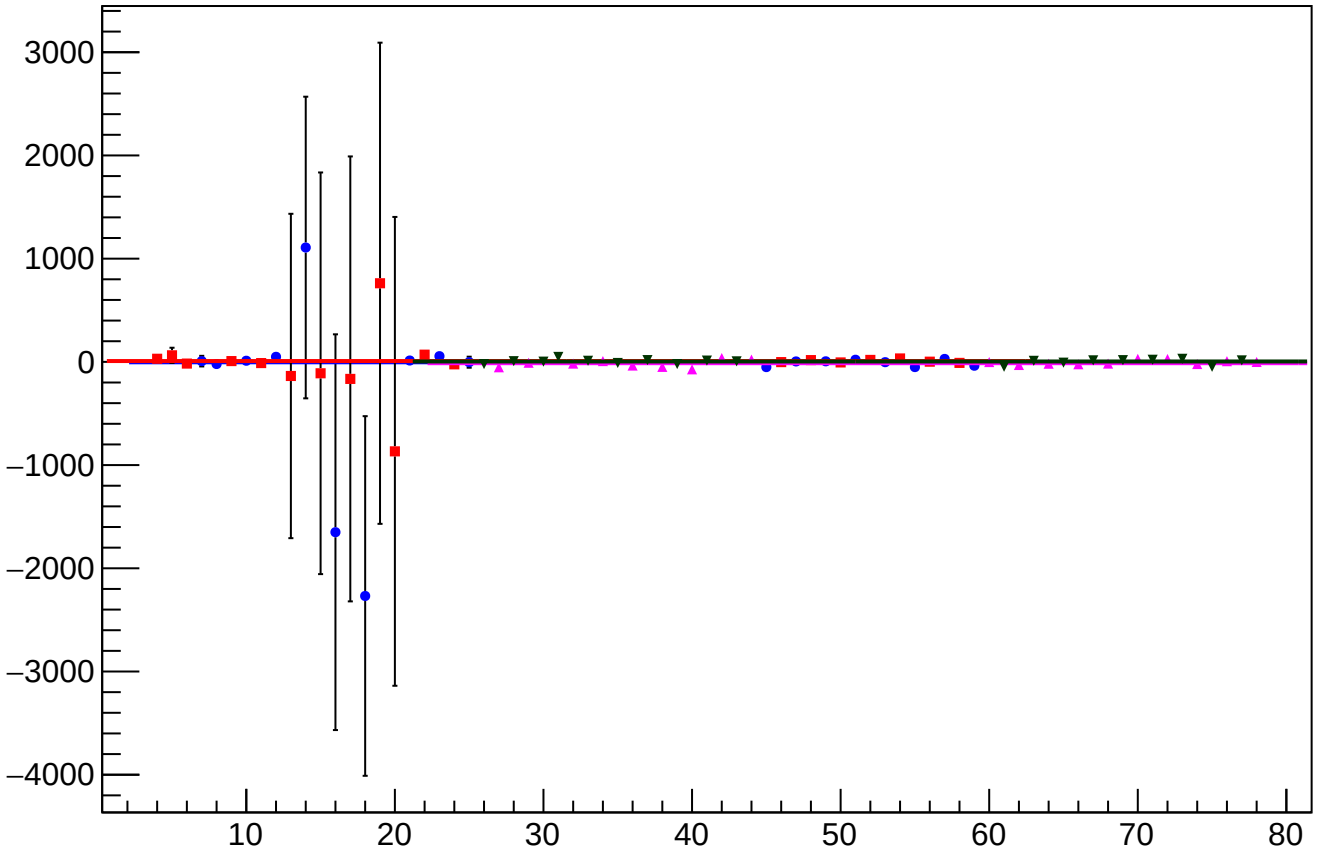
Left Out: 139.519+/-0.032 χ^2/NDF:465741.2/18

Right Out: 143.939+/-0.038 χ^2/NDF: 5267987.5/18

Left In: 130.194+/-0.029 χ^2/NDF:939129.9/18

147.305+/-0.024 χ^2/NDF: 5148322.8/36

135.238+/-0.023 χ^2/NDF: 6289689.7/37



Right In: -4.070+/-7.876 χ^2/NDF: 17.6/17

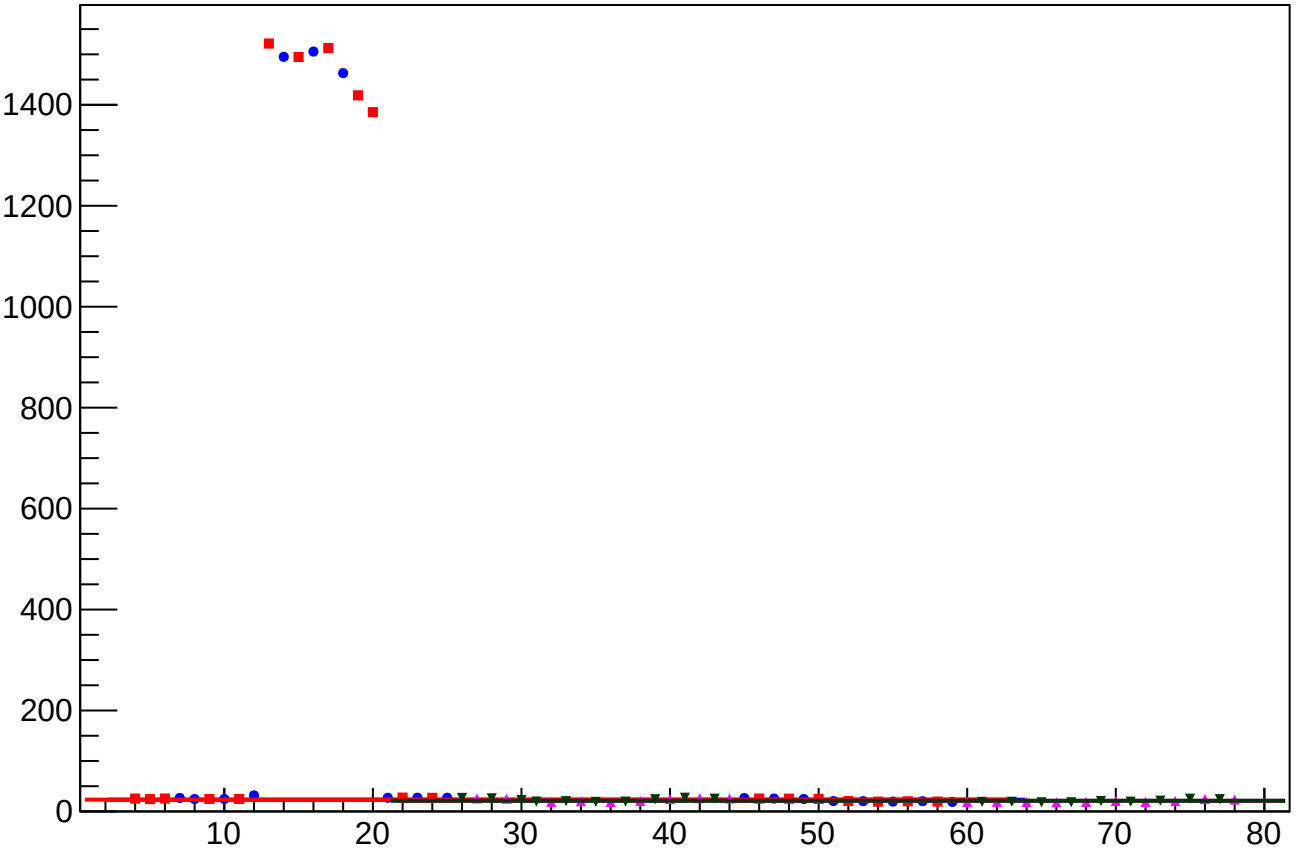
Left Out: 3.849+/-6.828 χ^2/NDF:10.6/18

Right Out: 7.973+/-8.718 χ^2/NDF: 7.3/18

Left In: -12.902+/-6.482 χ^2/NDF:16.0/18

0.450+/-5.159 χ^2/NDF: 28.8/36

-5.470+/-5.202 χ^2/NDF: 27.0/37



Right In: 23.336+/-0.006 χ^2/NDF: 4965228.2/17

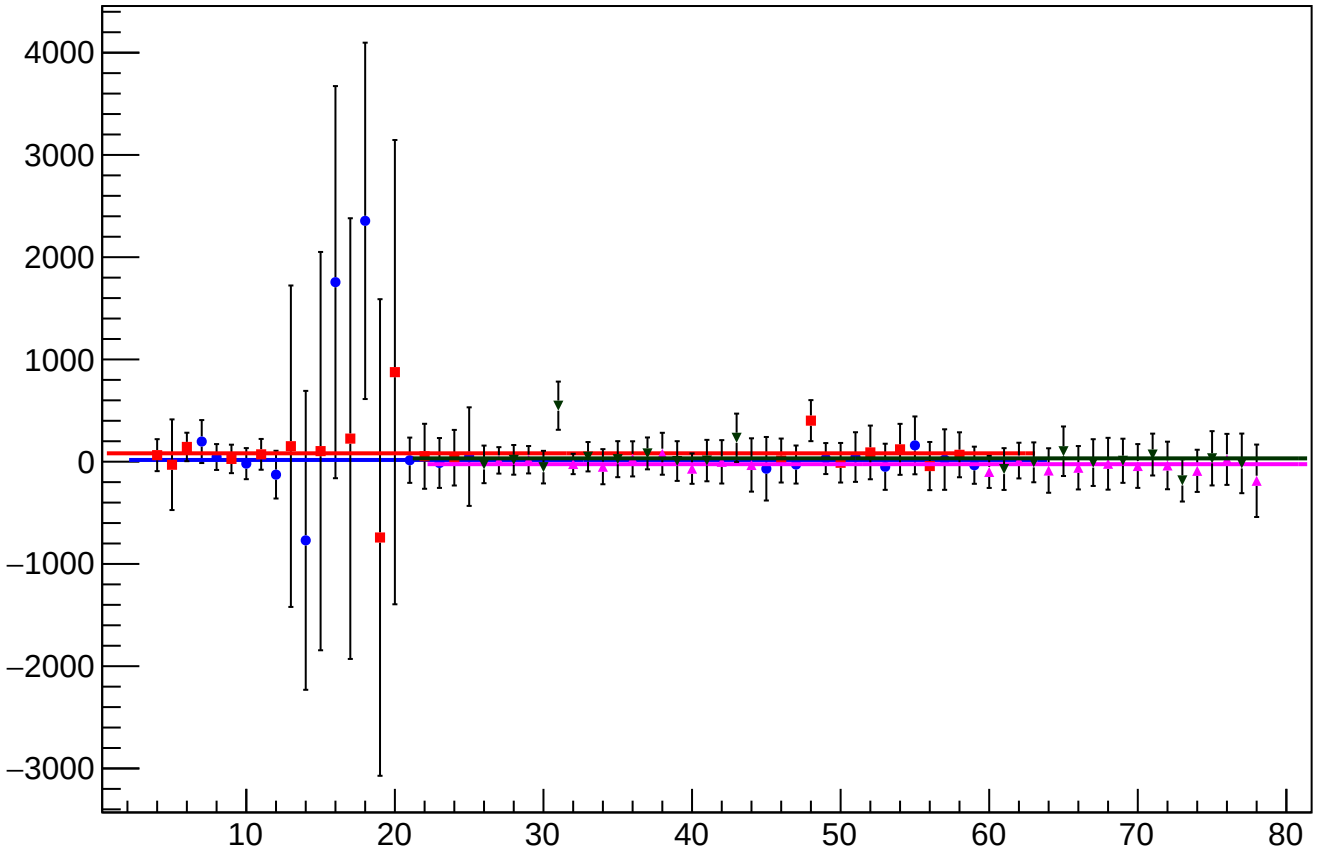
Left Out: 21.232+/-0.005 χ^2/NDF:360169.9/18

Right Out: 23.445+/-0.006 χ^2/NDF: 5561556.7/18

Left In: 20.981+/-0.005 χ^2/NDF:360700.2/18

22.135+/-0.004 χ^2/NDF: 5406918.0/36

21.858+/-0.004 χ^2/NDF: 6025148.4/37



Right In: 16.936+/-52.488 χ^2/NDF: 4.7/17

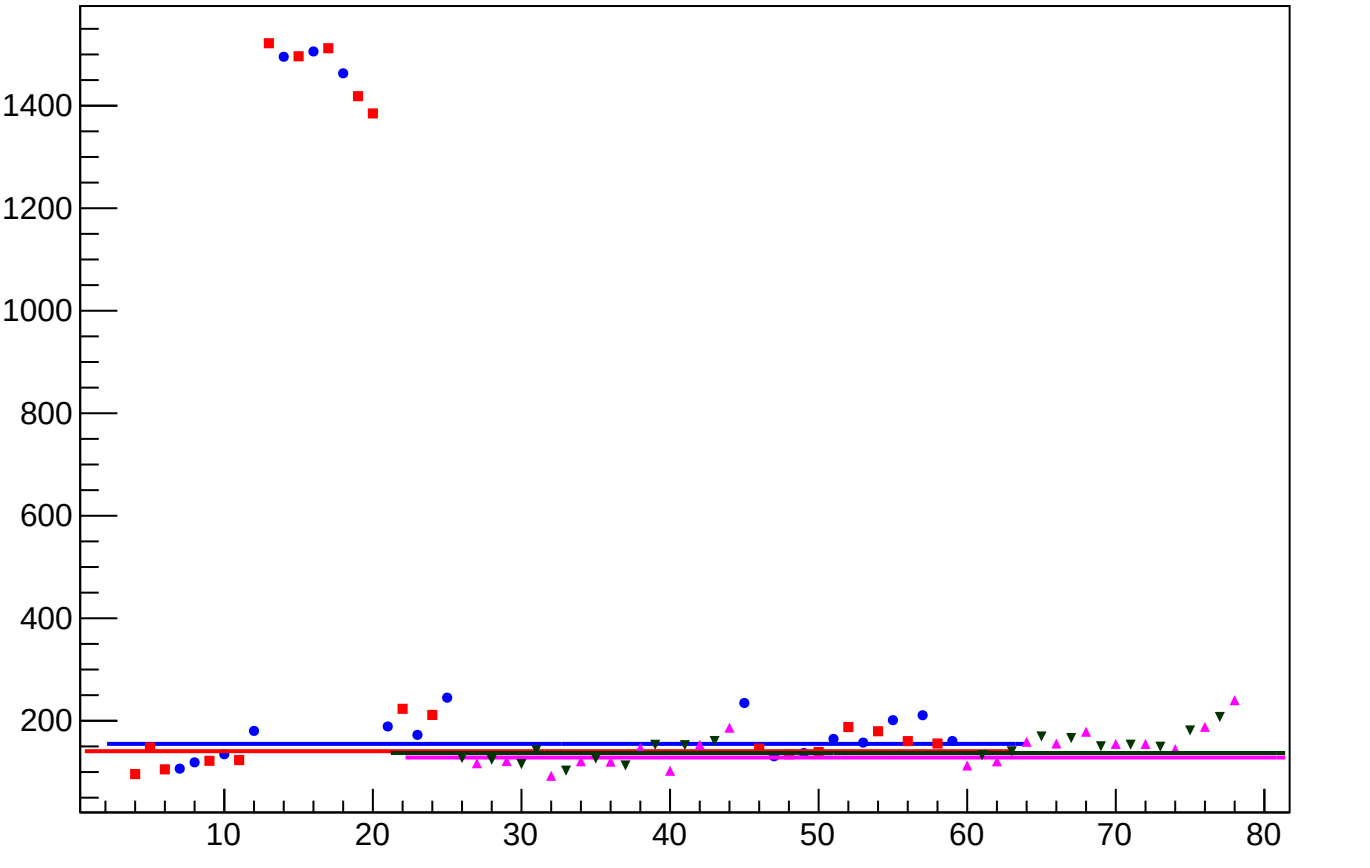
Left Out: 32.566+/-44.450 χ^2/NDF:7.6/18

Right Out: 81.906+/-52.666 χ^2/NDF: 3.9/18

Left In: -24.364+/-40.465 χ^2/NDF:1.4/18

26.038+/-33.921 χ^2/NDF: 12.4/36

15.084+/-32.087 χ^2/NDF: 7.8/37



Right In: 154.947+/-0.037 χ^2/NDF: 4580594.9/17

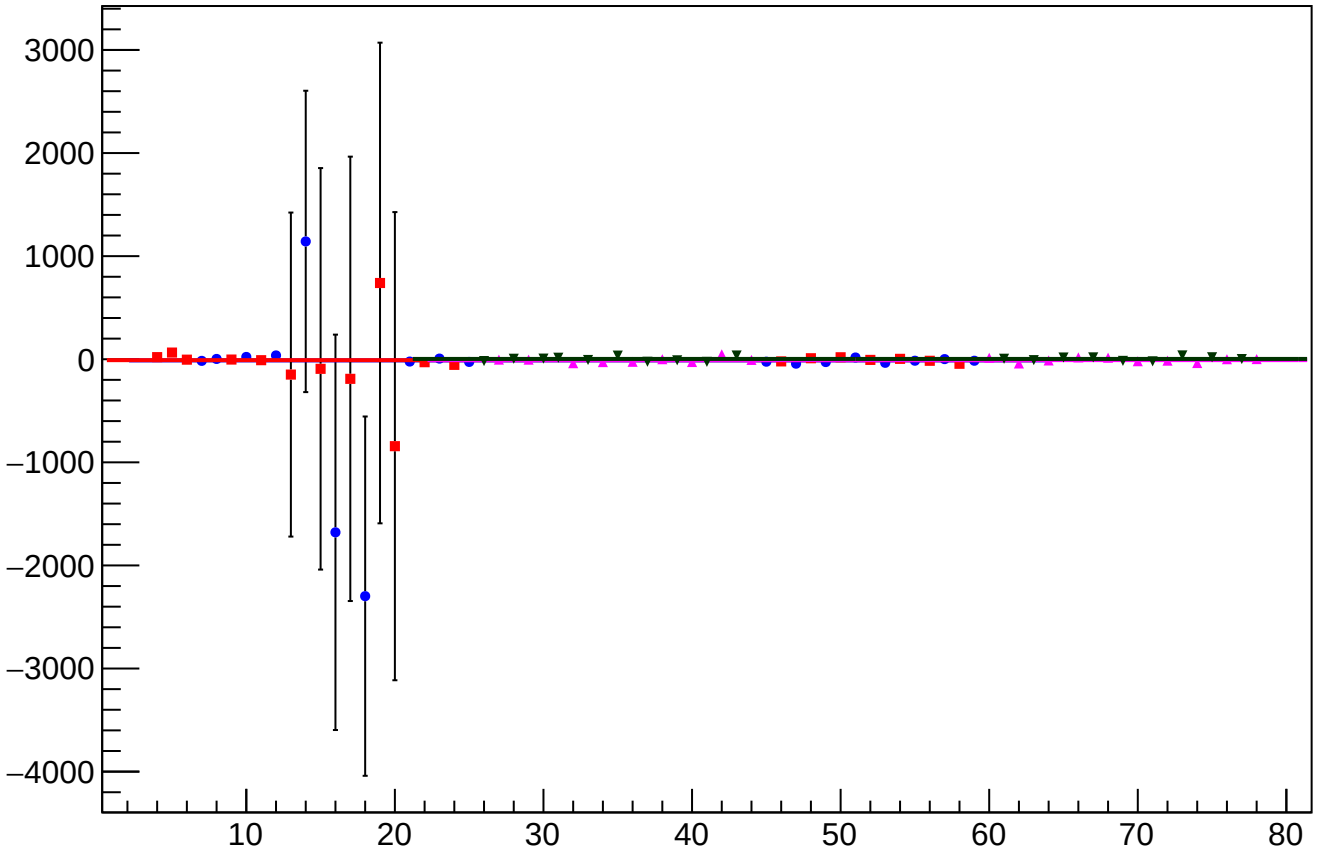
Left Out: 137.209+/-0.031 χ^2/NDF:543342.7/18

Right Out: 140.710+/-0.037 χ^2/NDF: 5291988.7/18

Left In: 128.357+/-0.029 χ^2/NDF:1048747.7/18

144.617+/-0.024 χ^2/NDF: 5256963.7/36

132.942+/-0.023 χ^2/NDF: 6409922.5/37



Right In: -11.332+/-5.773 χ^2/NDF: 15.0/17

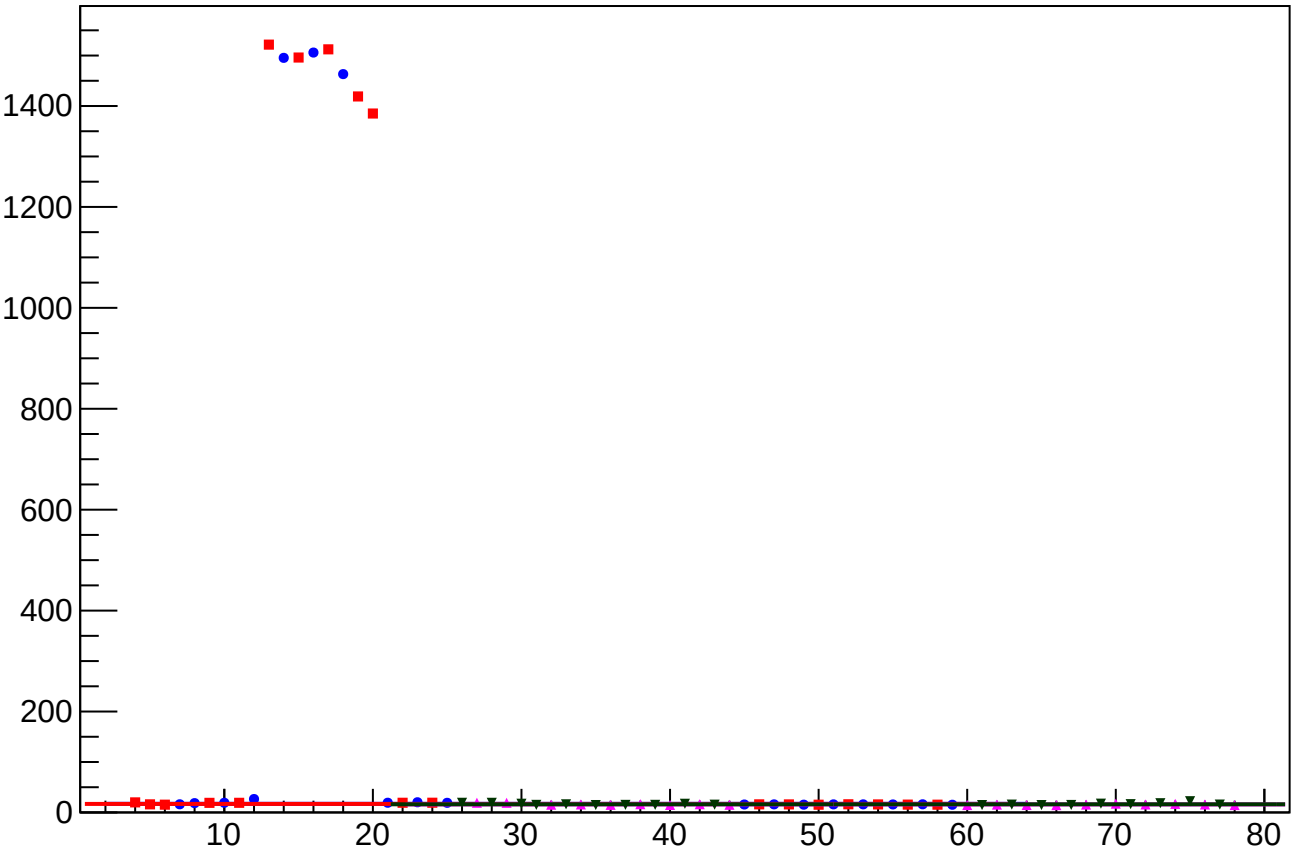
Left Out: 2.998+/-5.199 χ^2/NDF:14.5/18

Right Out: -8.864+/-6.293 χ^2/NDF: 13.3/18

Left In: -8.575+/-4.904 χ^2/NDF:19.9/18

-3.418+/-3.863 χ^2/NDF: 32.8/36

-8.684+/-3.868 χ^2/NDF: 33.3/37



Right In: 17.094+/-0.004 χ^2/NDF: 4922010.4/17

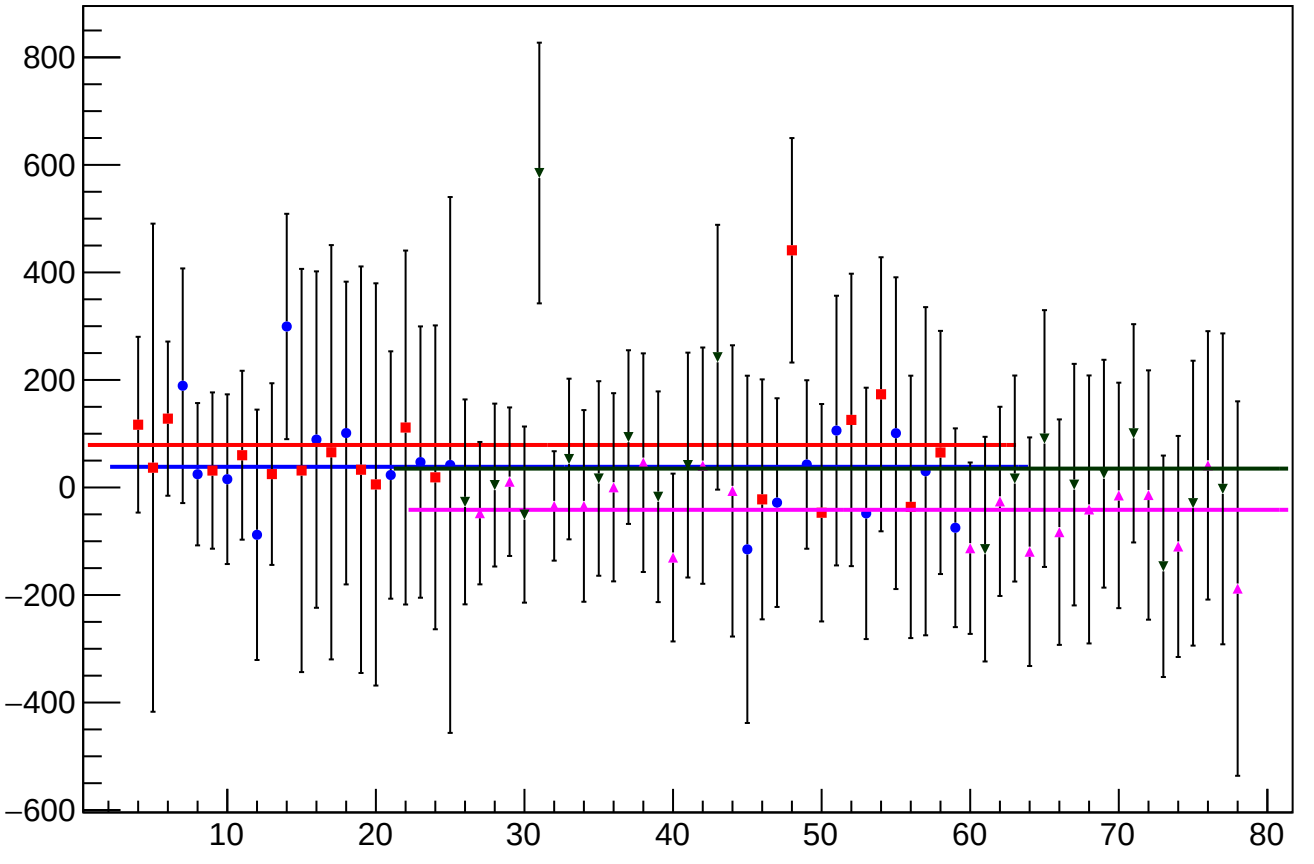
Left Out: 16.176+/-0.004 χ^2/NDF:217622.8/18

Right Out: 16.920+/-0.004 χ^2/NDF: 5539958.1/18

Left In: 15.933+/-0.003 χ^2/NDF:155777.4/18

16.587+/-0.003 χ^2/NDF: 5167557.7/36

16.306+/-0.003 χ^2/NDF: 5726313.1/37



Right In: 38.450+/-51.040 χ^2/NDF: 3.4/17

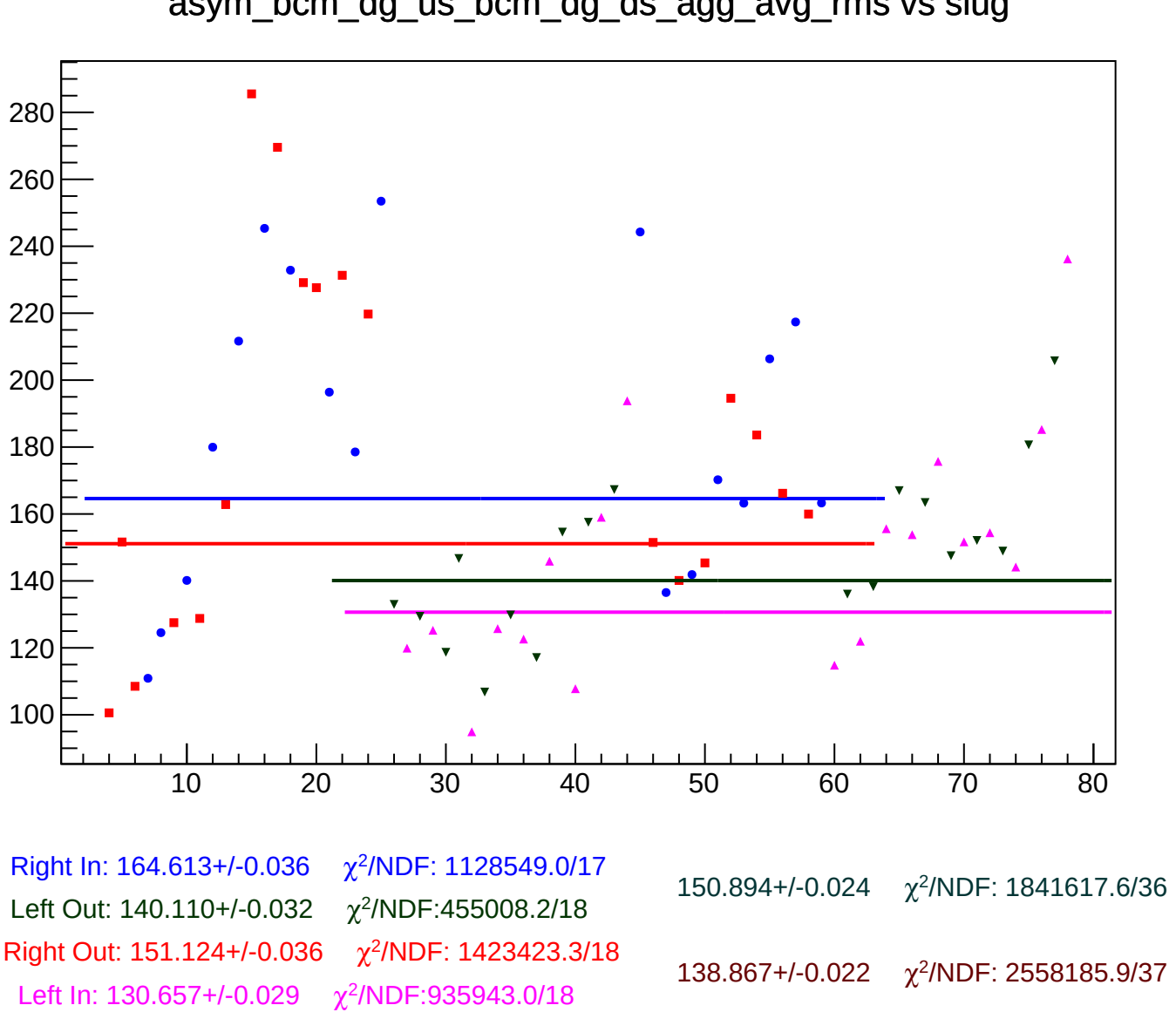
Left Out: 35.109+/-45.255 χ^2/NDF:8.1/18

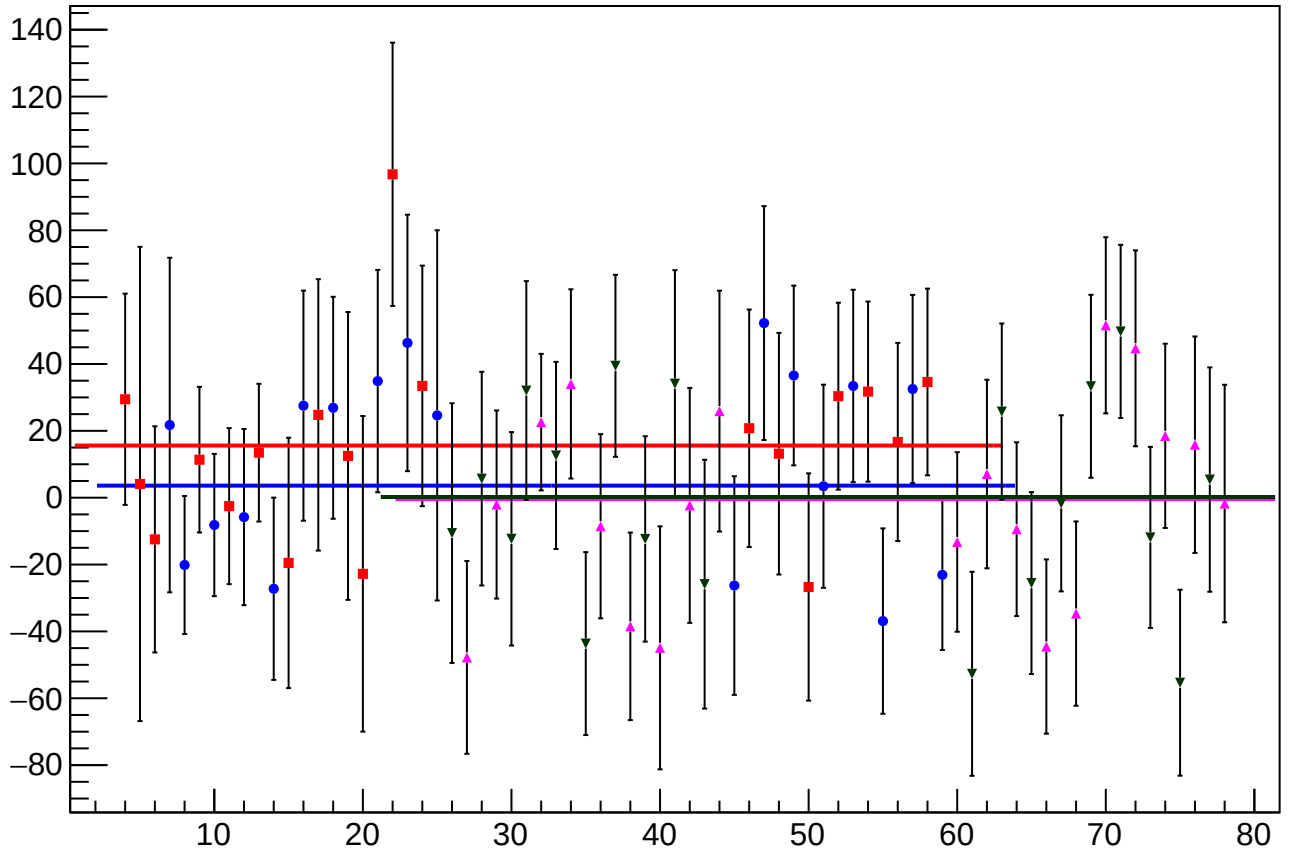
Right Out: 79.078+/-50.233 χ^2/NDF: 4.5/18

Left In: -41.532+/-41.113 χ^2/NDF:1.7/18

36.579+/-33.861 χ^2/NDF: 11.5/36

6.850+/-31.816 χ^2/NDF: 9.7/37


asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug
280
260
240
220
200
180
160
140
120
100
10
20
30
40
50
60
70
80
Right In: 164.613+/-0.036 χ²/NDF: 1128549.0/17
Left Out: 140.110+/-0.032 χ²/NDF:455008.2/18
Right Out: 151.124+/-0.036 χ²/NDF: 1423423.3/18
Left In: 130.657+/-0.029 χ²/NDF:935943.0/18
150.894+/-0.024 χ²/NDF: 1841617.6/36
138.867+/-0.022 χ²/NDF: 2558185.9/37



Right In: 3.606+/-6.842 χ^2/NDF: 16.3/17

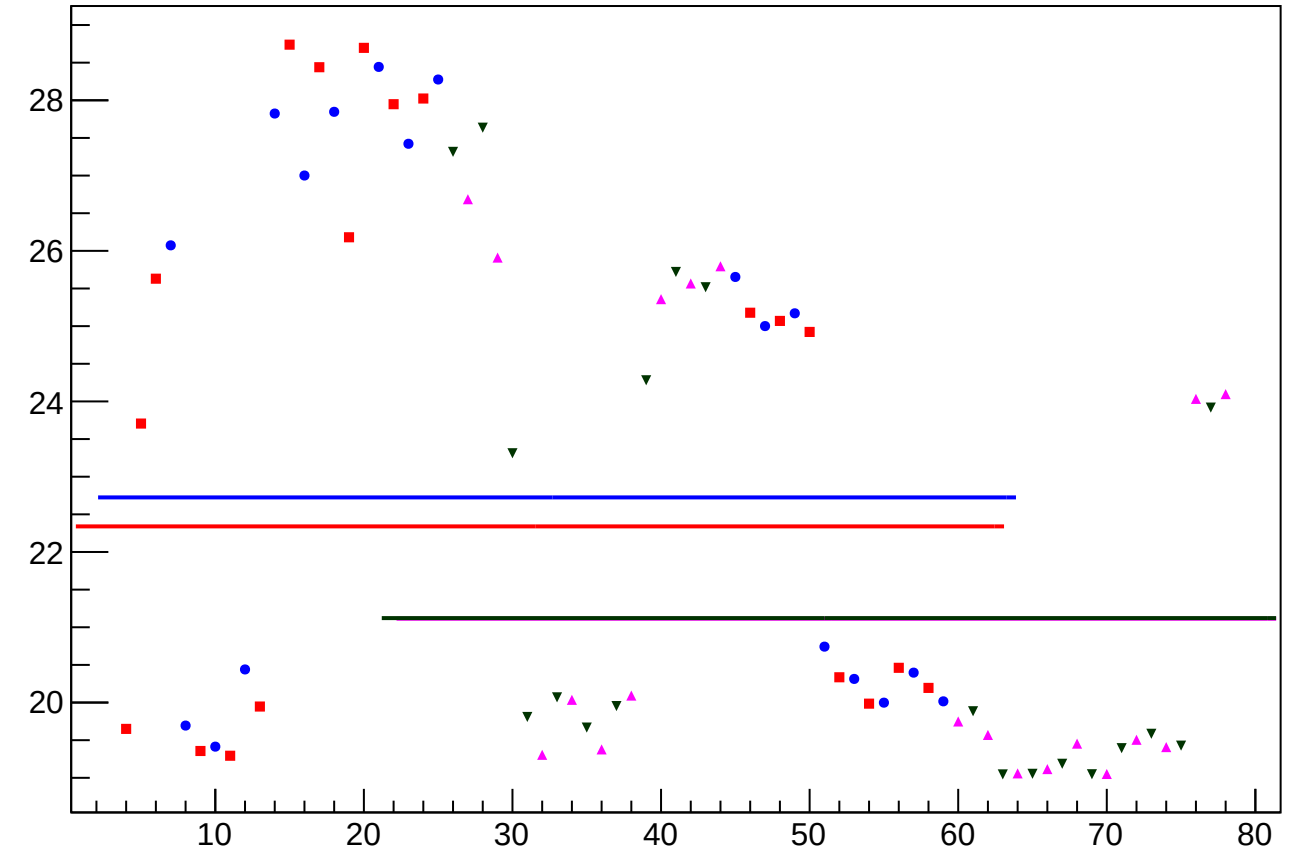
Left Out: 0.208+/-6.766 χ^2/NDF:21.9/18

Right Out: 15.596+/-7.143 χ^2/NDF: 10.3/18

Left In: -0.407+/-6.507 χ^2/NDF:21.2/18

1.888+/-4.811 χ^2/NDF: 38.4/36

6.851+/-4.810 χ^2/NDF: 34.3/37



Right In: 22.725+/-0.005 χ^2/NDF: 498774.9/17

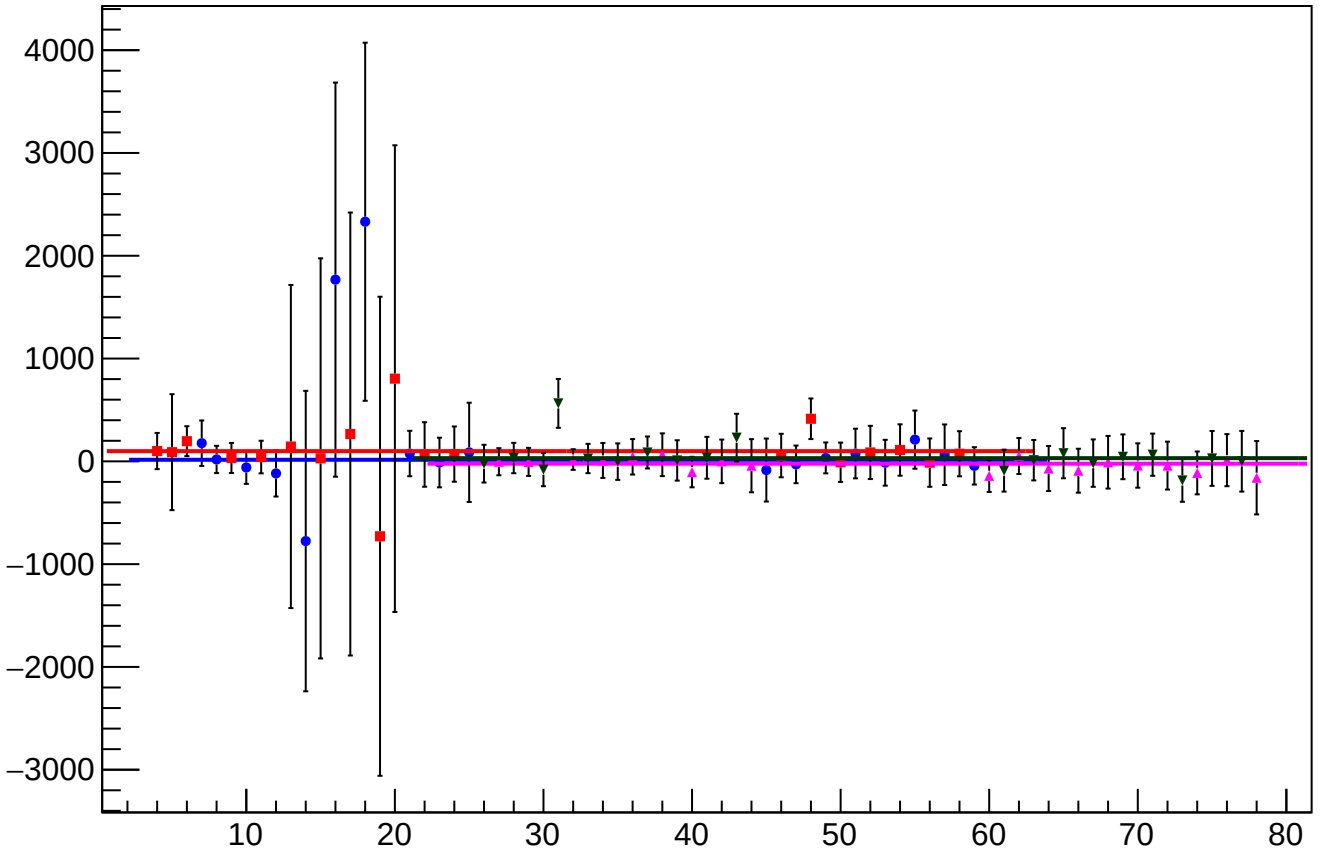
Left Out: 21.122+/-0.005 χ^2/NDF:330606.5/18

Right Out: 22.340+/-0.005 χ^2/NDF: 460008.2/18

Left In: 21.113+/-0.005 χ^2/NDF:354145.5/18

21.914+/-0.003 χ^2/NDF: 884907.4/36

21.670+/-0.003 χ^2/NDF: 846383.0/37



Right In: 15.197+/-53.019 χ^2/NDF: 5.0/17

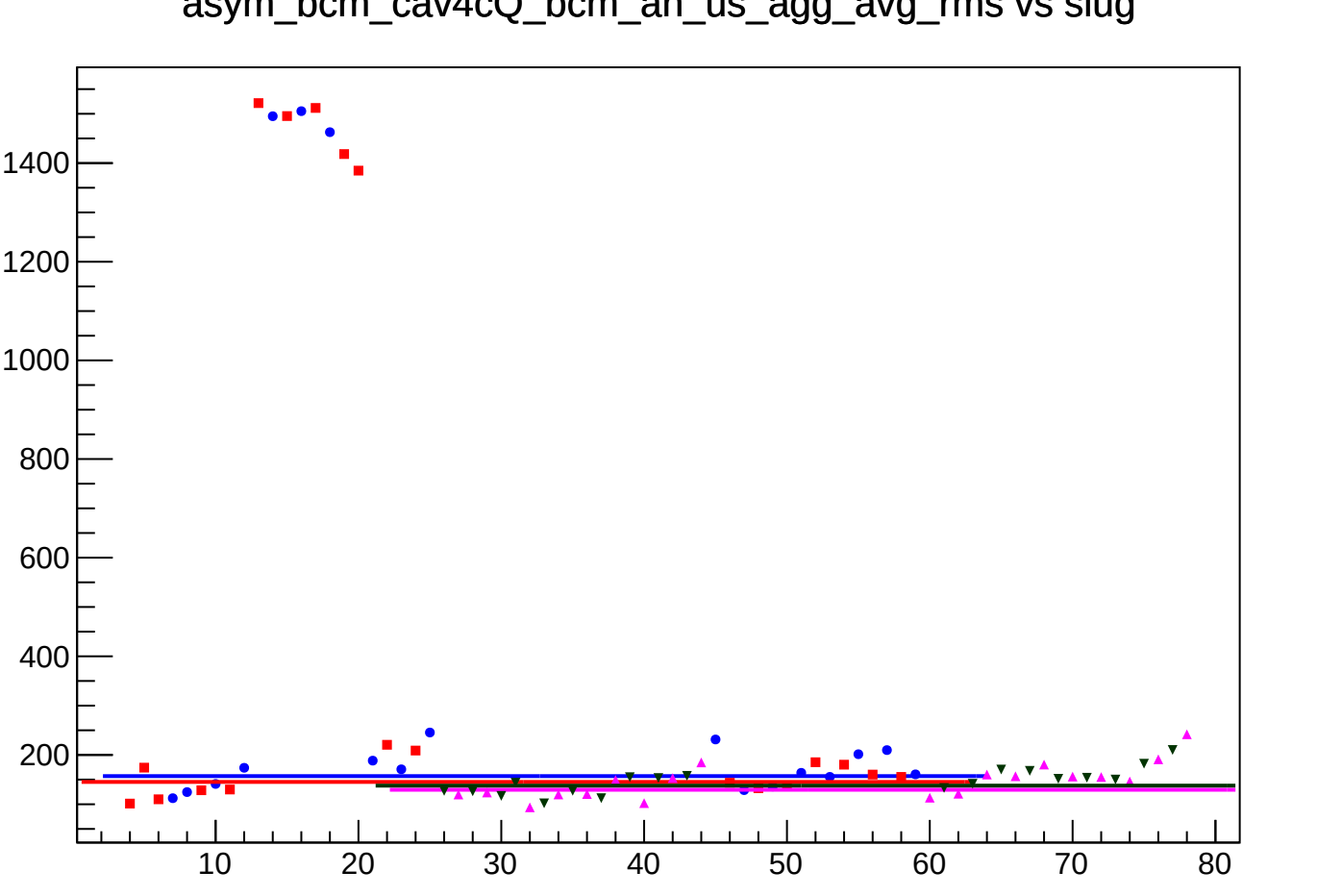
Left Out: 31.035+/-44.649 χ^2/NDF:8.1/18

Right Out: 99.514+/-54.286 χ^2/NDF: 4.2/18

Left In: -22.835+/-40.779 χ^2/NDF:2.1/18

24.463+/-34.152 χ^2/NDF: 13.1/36

21.300+/-32.605 χ^2/NDF: 9.6/37



Right In: 157.088+/-0.037 χ^2/NDF: 4456786.2/17

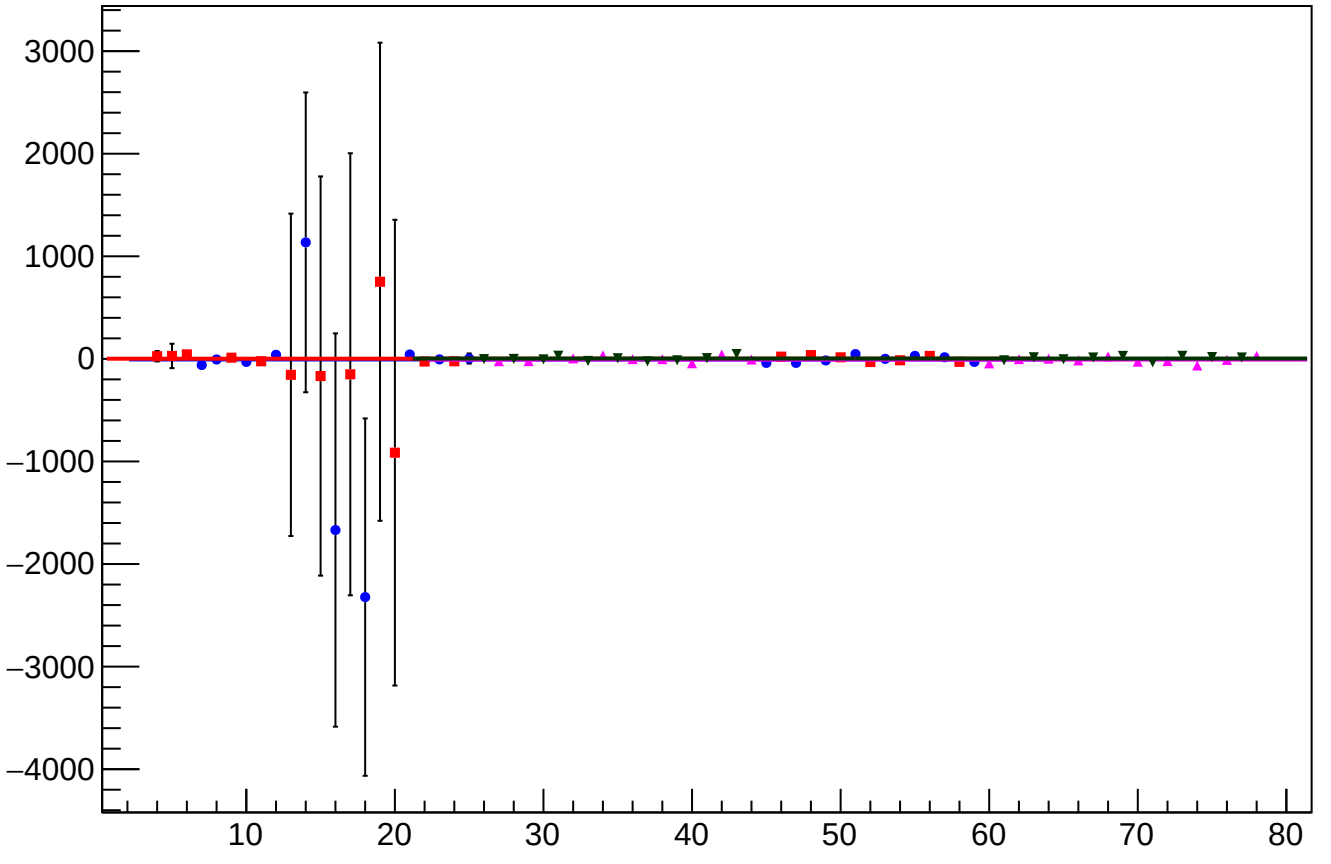
Left Out: 137.776+/-0.032 χ^2/NDF:556767.1/18

Right Out: 145.299+/-0.038 χ^2/NDF: 5124139.9/18

Left In: 129.394+/-0.029 χ^2/NDF:1041744.3/18

145.789+/-0.024 χ^2/NDF: 5168802.5/36

135.132+/-0.023 χ^2/NDF: 6275631.2/37



Right In: -5.662+/-7.390 χ^2/NDF: 18.7/17

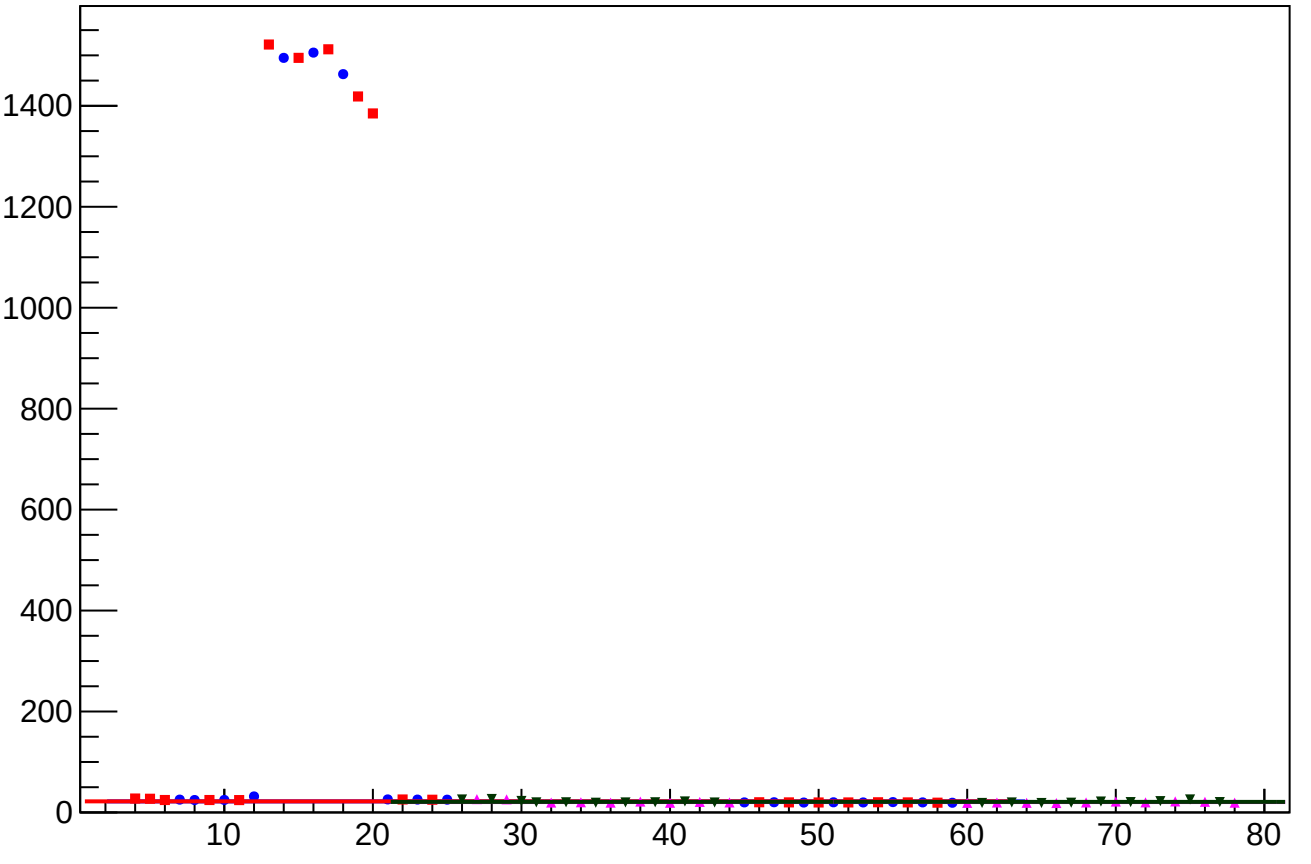
Left Out: 3.308+/-6.703 χ^2/NDF:9.6/18

Right Out: 1.722+/-8.261 χ^2/NDF: 10.4/18

Left In: -6.904+/-6.338 χ^2/NDF:16.6/18

-0.741+/-4.965 χ^2/NDF: 29.1/36

-3.708+/-5.029 χ^2/NDF: 27.7/37



Right In: 21.918+/-0.005 χ^2/NDF: 4931747.1/17

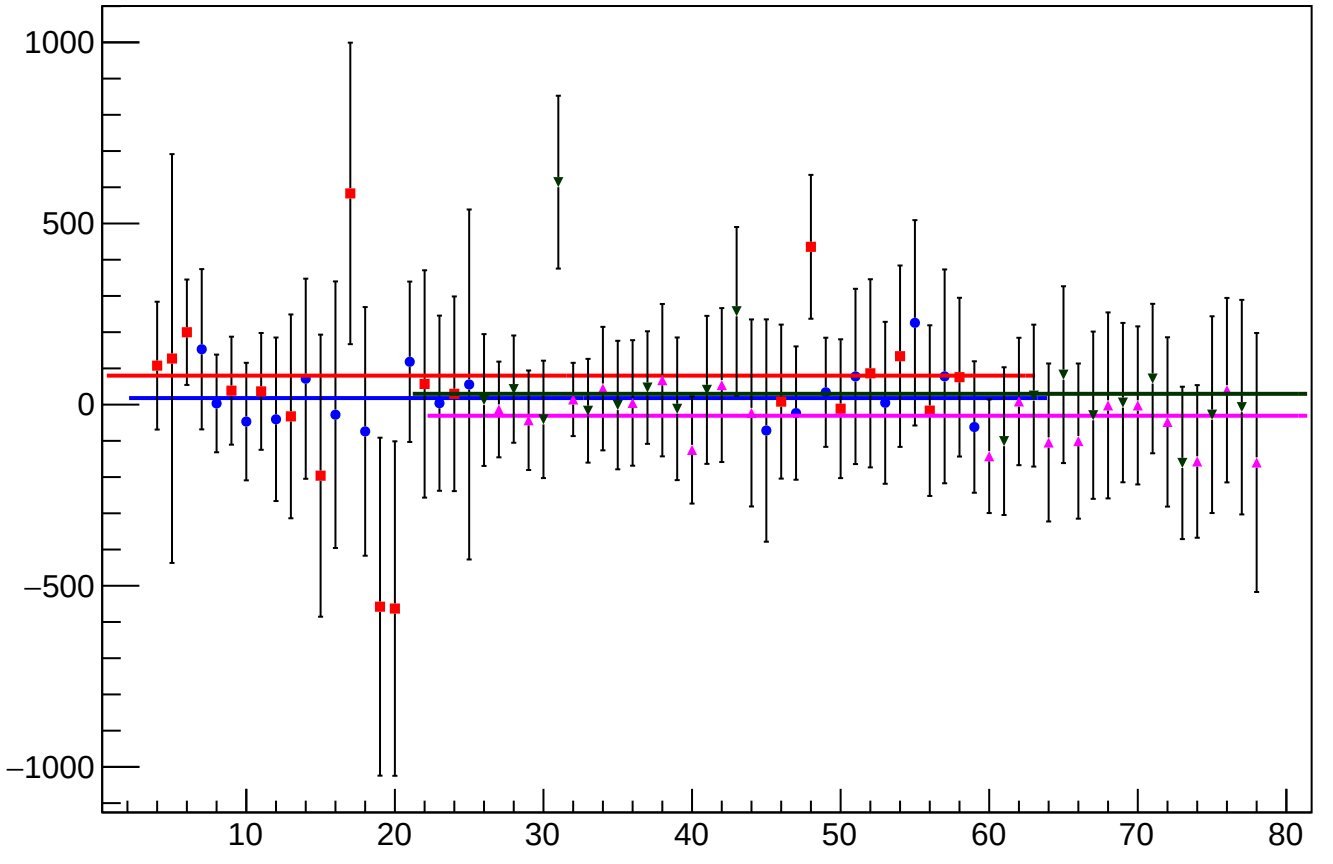
Left Out: 20.919+/-0.005 χ^2/NDF:206917.1/18

Right Out: 21.987+/-0.006 χ^2/NDF: 5559967.3/18

Left In: 20.613+/-0.004 χ^2/NDF:210254.4/18

21.370+/-0.004 χ^2/NDF: 5158723.7/36

21.122+/-0.004 χ^2/NDF: 5805044.2/37



Right In: 18.106+/-51.332 χ^2/NDF: 1.9/17

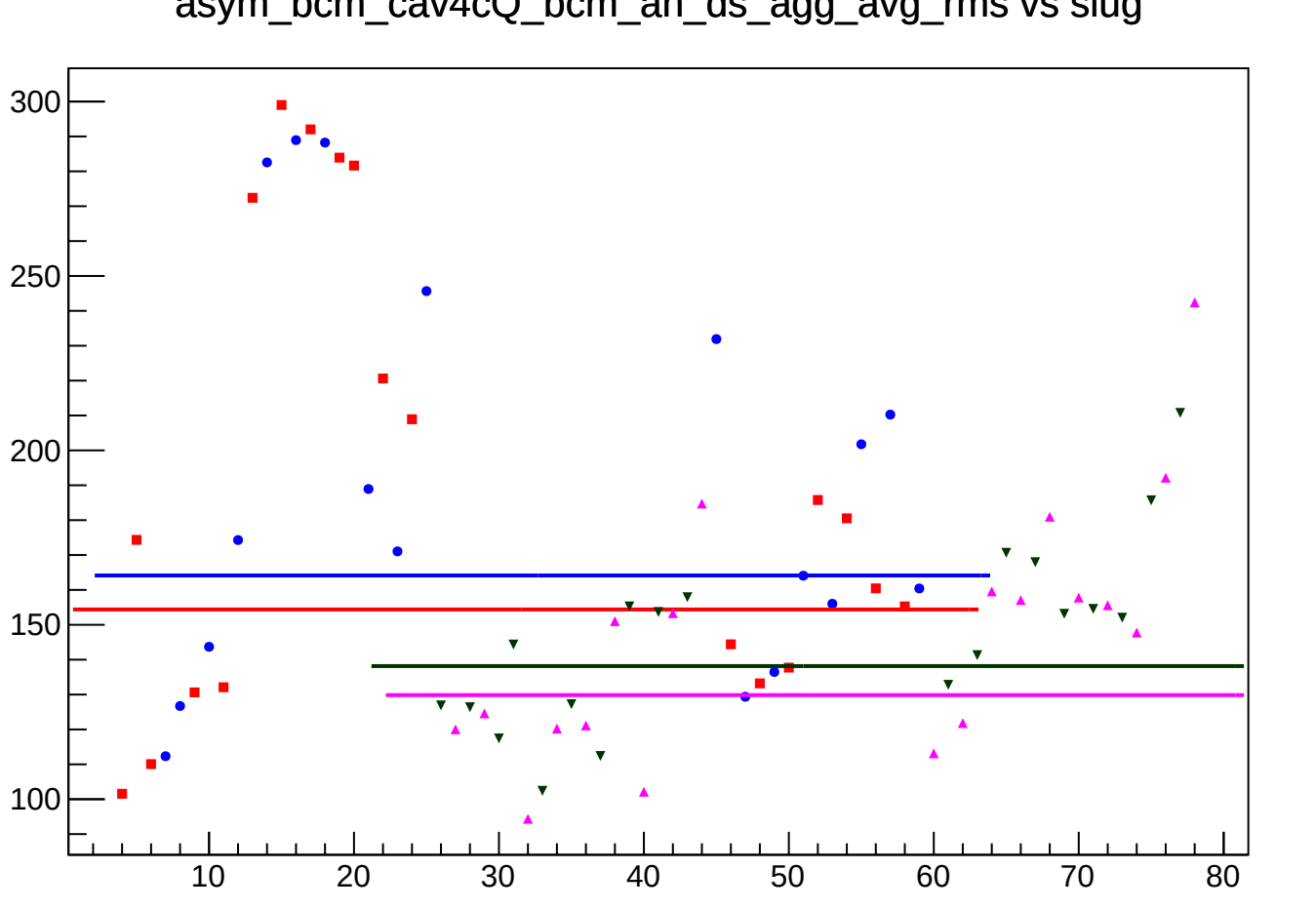
Left Out: 29.841+/-44.760 χ^2/NDF:8.8/18

Right Out: 80.043+/-52.081 χ^2/NDF: 10.6/18

Left In: -30.676+/-40.915 χ^2/NDF:2.6/18

24.772+/-33.736 χ^2/NDF: 10.8/36

11.579+/-32.174 χ^2/NDF: 16.0/37



Right In: 164.140+/-0.036 χ^2/NDF: 1566554.6/17

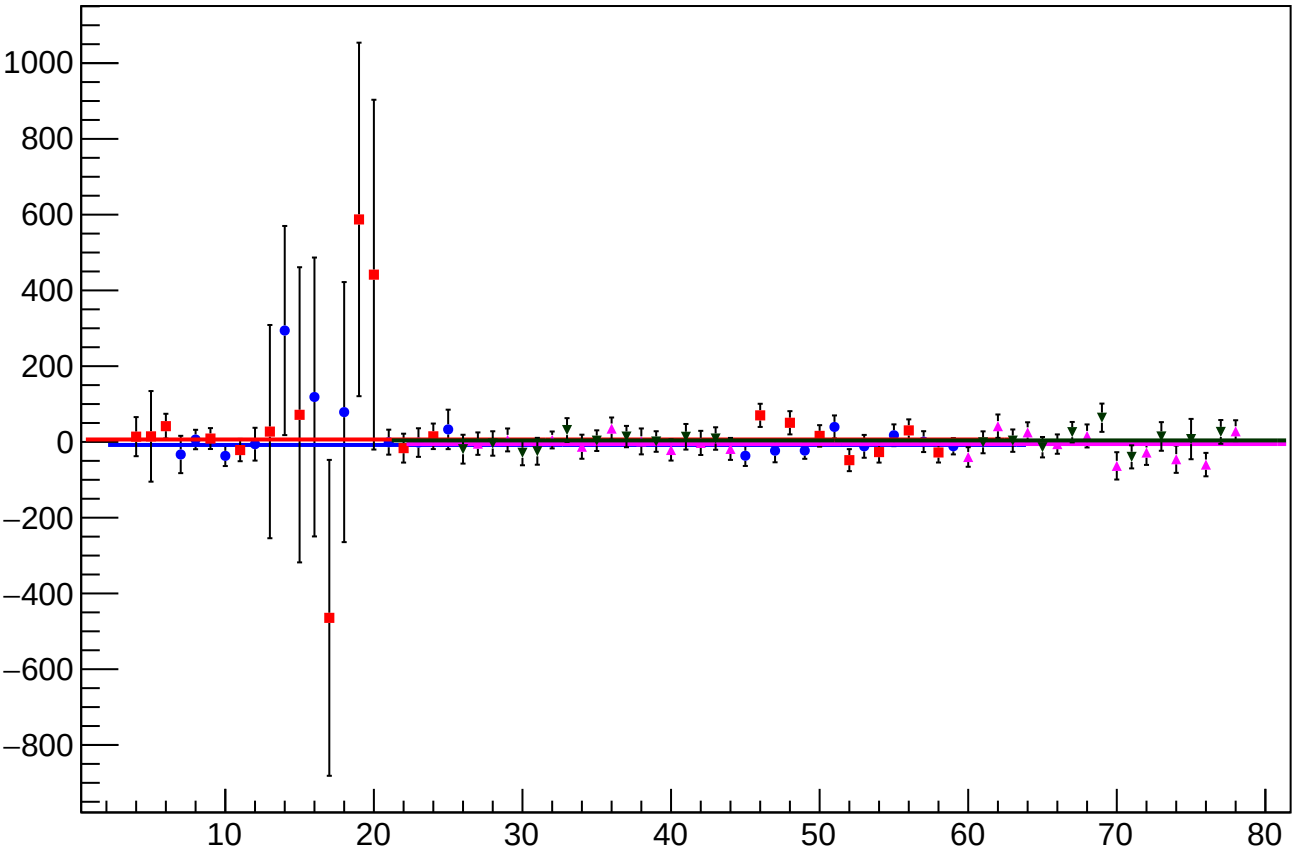
Left Out: 138.162+/-0.032 χ^2/NDF:565364.5/18

Right Out: 154.395+/-0.037 χ^2/NDF: 1875575.3/18

Left In: 129.838+/-0.029 χ^2/NDF:1042068.4/18

149.383+/-0.024 χ^2/NDF: 2422890.6/36

139.210+/-0.023 χ^2/NDF: 3192601.4/37



Right In: -7.981+/-7.603 χ^2/NDF: 9.0/17

Left Out: 3.973+/-7.194 χ^2/NDF:9.4/18

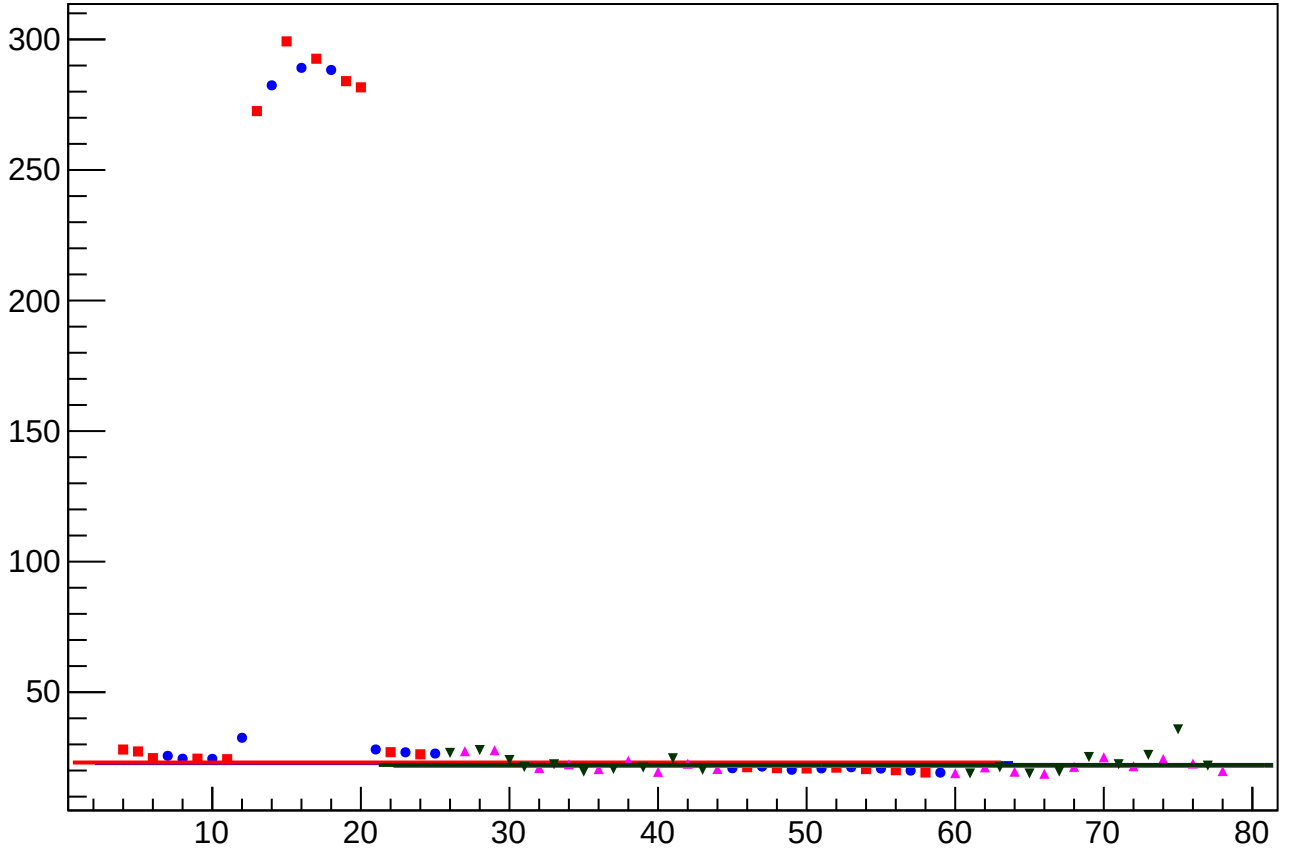
Right Out: 6.463+/-8.479 χ^2/NDF: 20.1/18

Left In: -5.588+/-6.747 χ^2/NDF:17.5/18

-1.674+/-5.226 χ^2/NDF: 19.7/36

-0.916+/-5.280 χ^2/NDF: 38.8/37

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 22.854+/-0.005 χ^2/NDF: 4363507.8/17

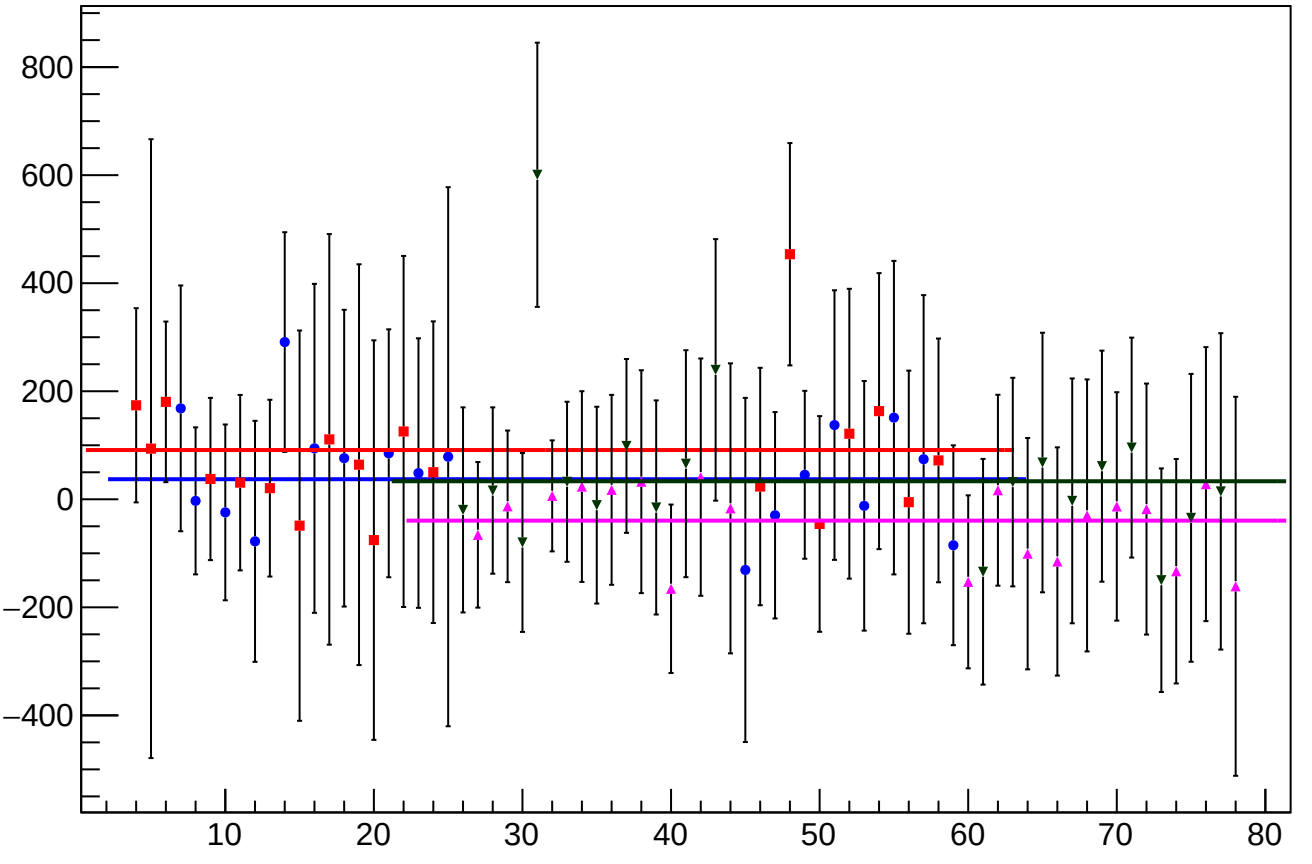
Left Out: 22.149+/-0.005 χ^2/NDF:384926.9/18

Right Out: 23.069+/-0.006 χ^2/NDF: 4856723.7/18

Left In: 21.732+/-0.005 χ^2/NDF:286435.3/18

22.482+/-0.004 χ^2/NDF: 4757513.2/36

22.250+/-0.004 χ^2/NDF: 5173593.6/37



Right In: 37.153+/-51.038 χ^2/NDF: 3.7/17

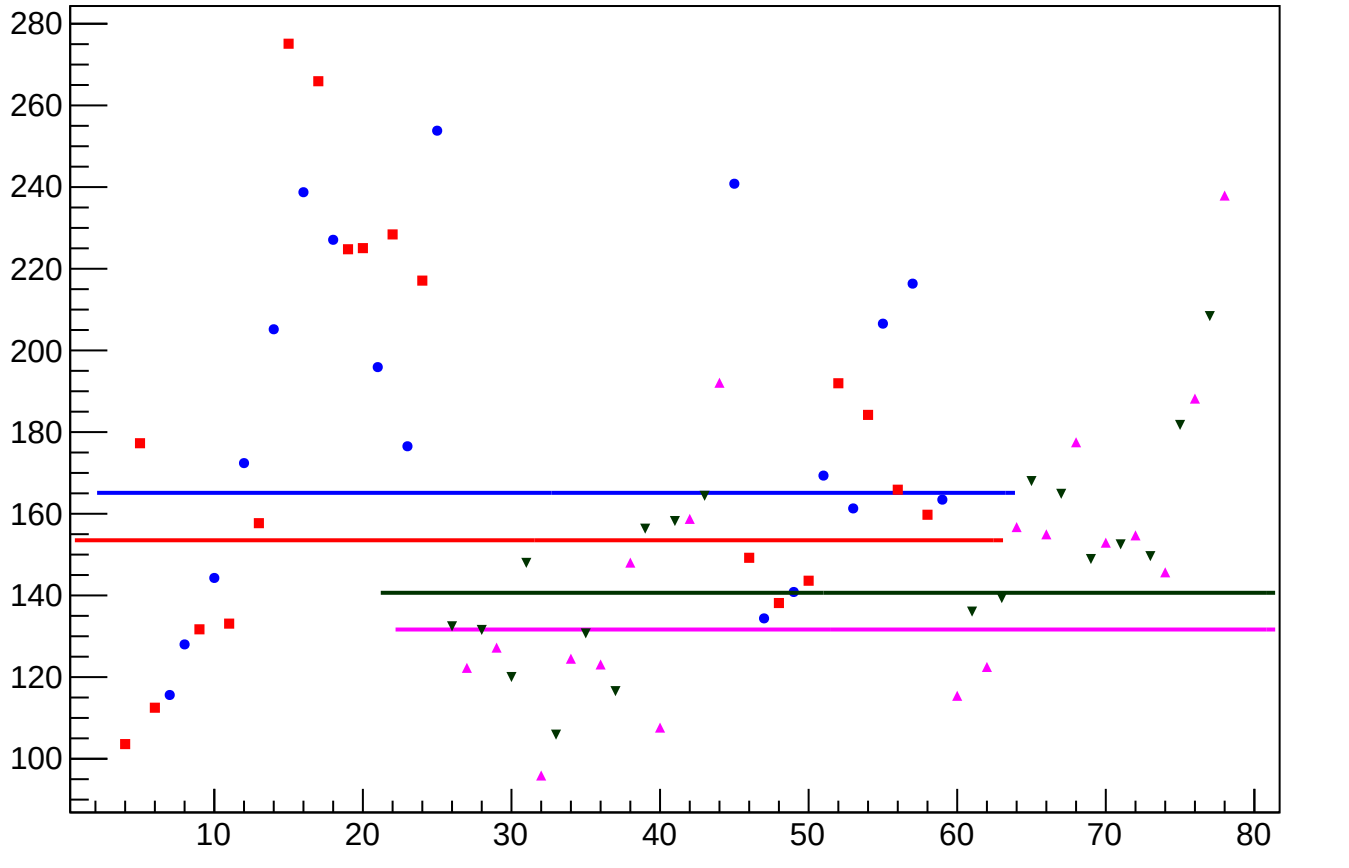
Left Out: 33.389+/-45.443 χ^2/NDF:8.6/18

Right Out: 91.157+/-50.934 χ^2/NDF: 5.3/18

Left In: -39.550+/-41.414 χ^2/NDF:2.7/18

35.053+/-33.939 χ^2/NDF: 12.3/36

12.471+/-32.133 χ^2/NDF: 12.0/37



Right In: 165.125+/-0.036 χ^2/NDF: 990659.0/17

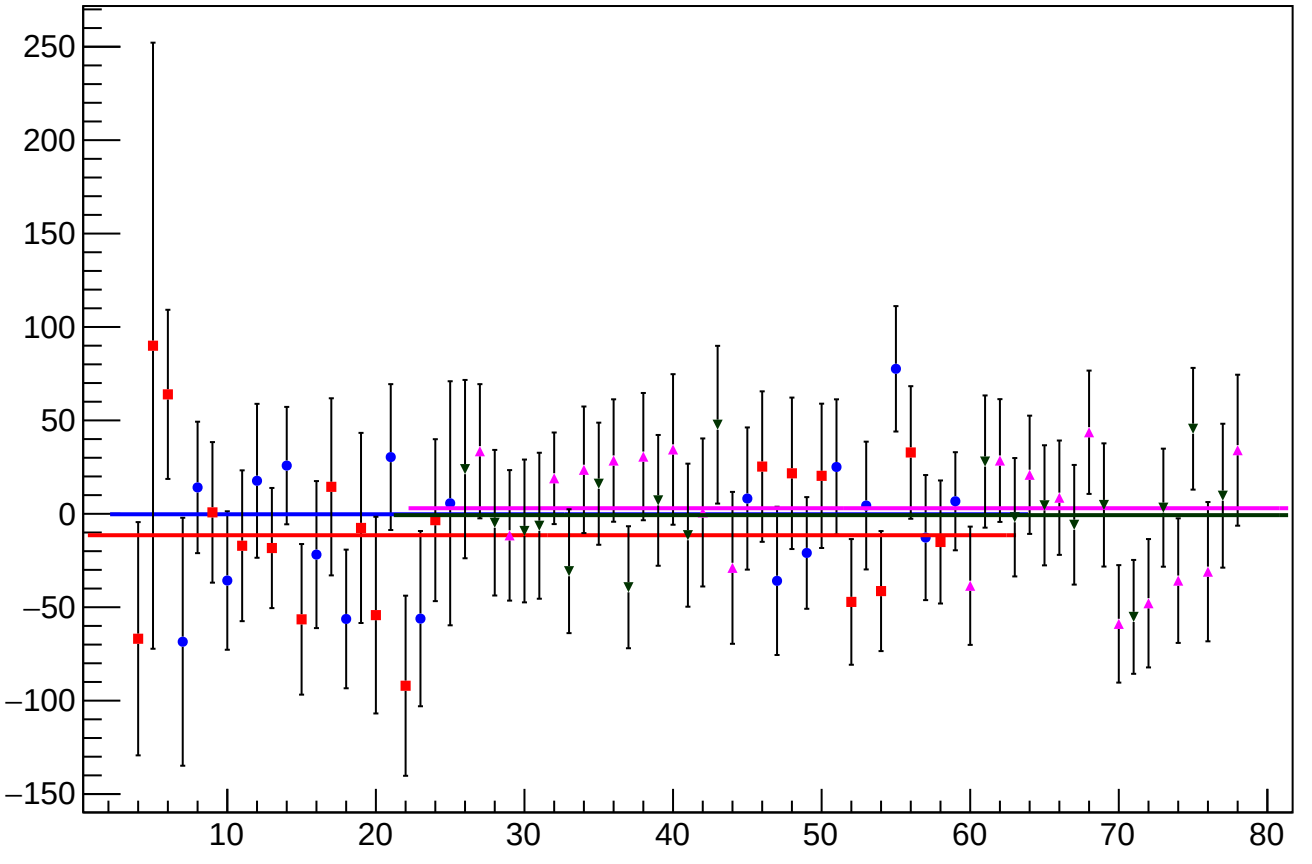
Left Out: 140.647+/-0.032 χ^2/NDF:468165.1/18

Right Out: 153.509+/-0.036 χ^2/NDF: 1238601.8/18

Left In: 131.654+/-0.029 χ^2/NDF:929819.3/18

151.471+/-0.024 χ^2/NDF: 1715428.0/36

140.352+/-0.023 χ^2/NDF: 2390095.5/37



Right In: -0.239+/-8.646 χ^2/NDF: 15.1/17

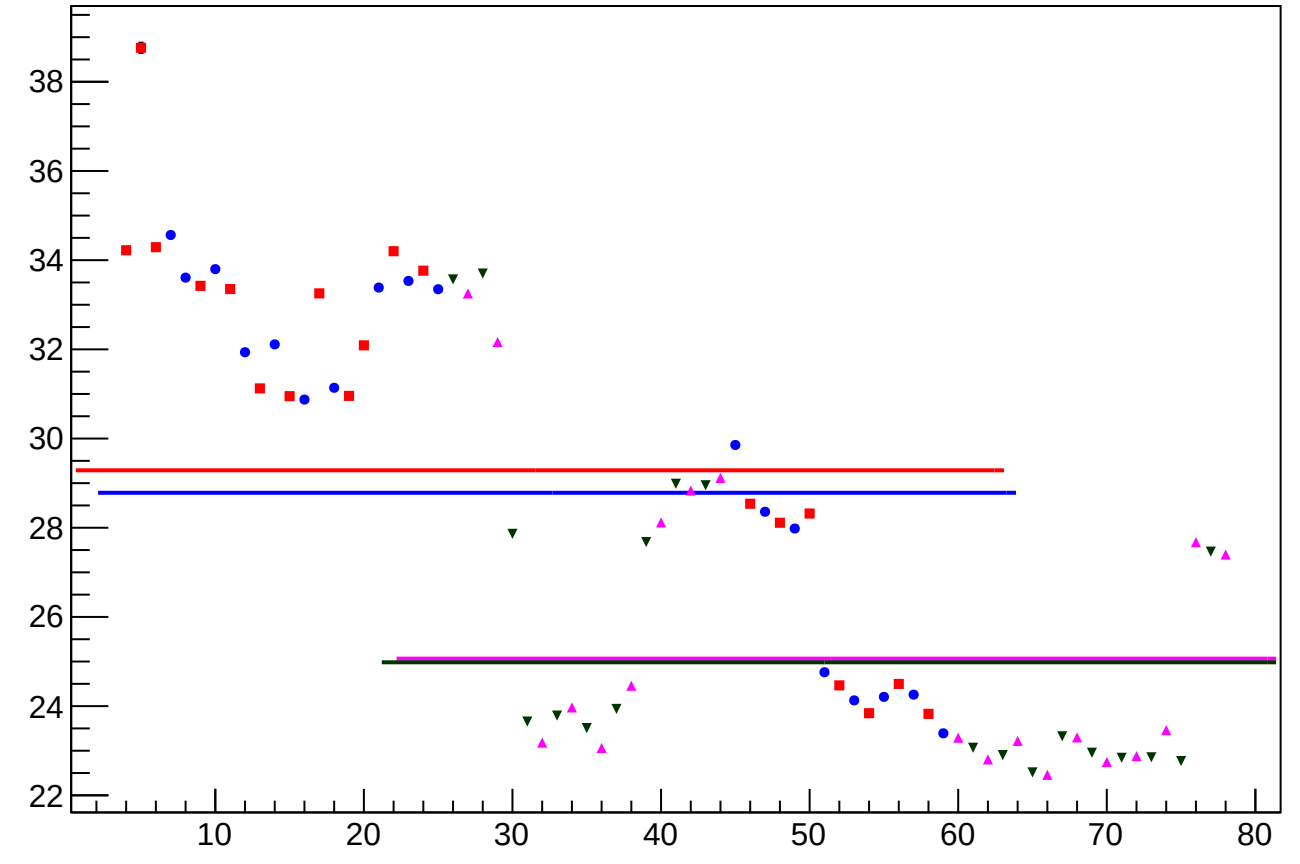
Left Out: -0.708+/-7.998 χ^2/NDF:10.3/18

Right Out: -11.462+/-9.405 χ^2/NDF: 14.9/18

Left In: 2.996+/-7.719 χ^2/NDF:17.2/18

-0.492+/-5.871 χ^2/NDF: 25.4/36

-2.823+/-5.967 χ^2/NDF: 33.5/37



Right In: 28.784+/-0.006 χ^2/NDF: 418497.9/17

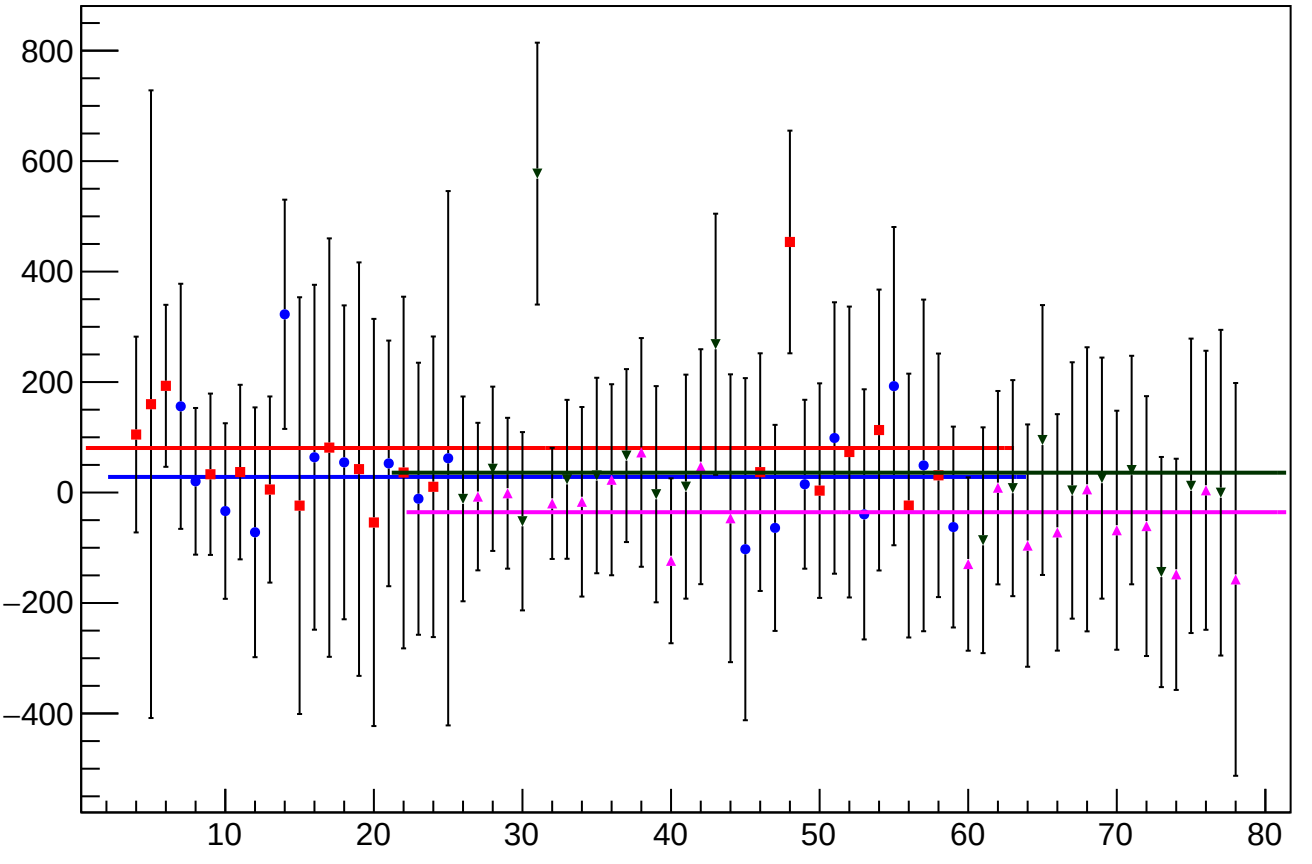
Left Out: 24.983+/-0.006 χ^2/NDF:314388.0/18

Right Out: 29.288+/-0.007 χ^2/NDF: 355757.4/18

Left In: 25.064+/-0.005 χ^2/NDF:340970.2/18

26.735+/-0.004 χ^2/NDF: 941202.5/36

26.764+/-0.004 χ^2/NDF: 937680.7/37



Right In: 28.225+/-50.353 χ^2/NDF: 3.9/17

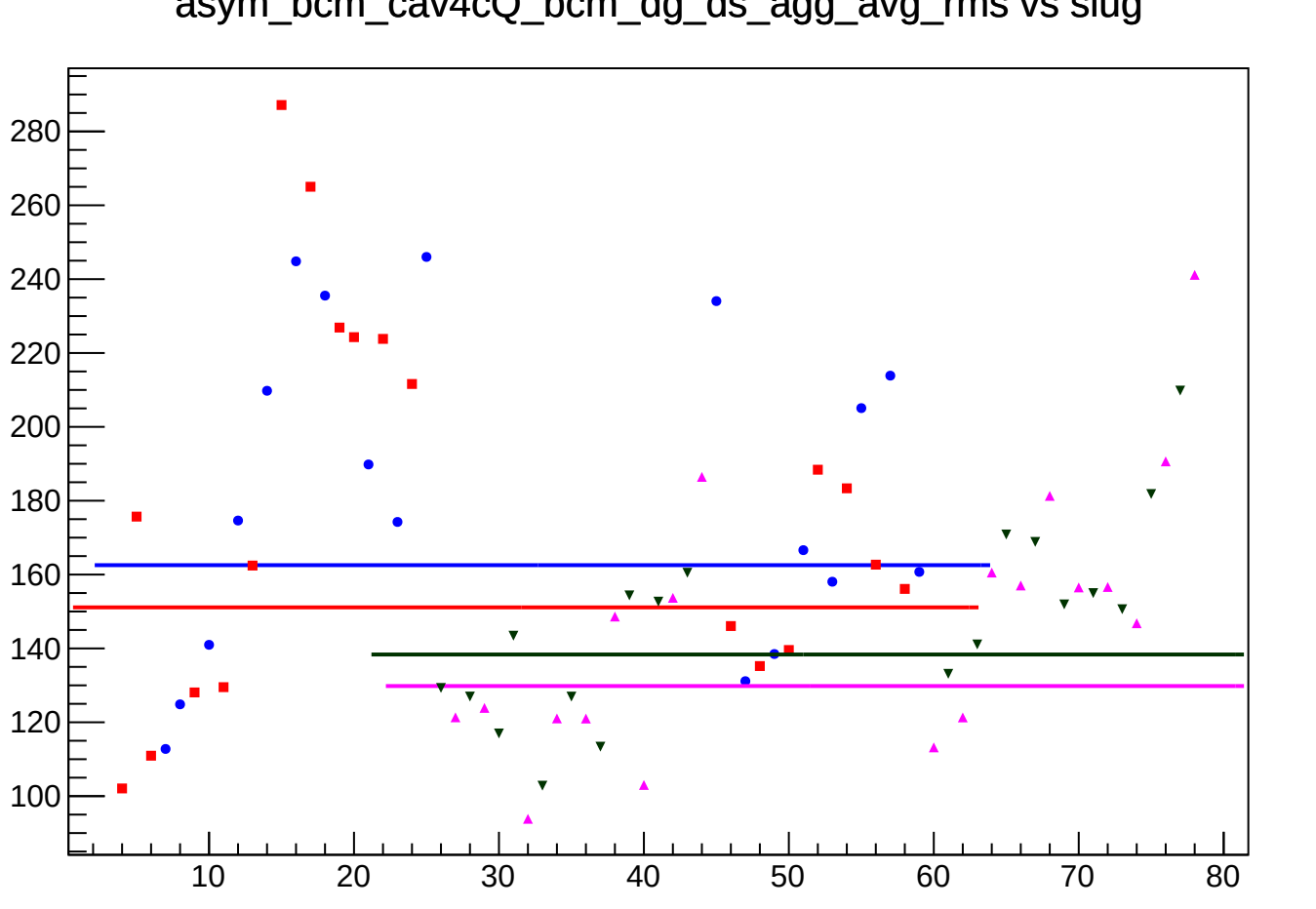
Left Out: 35.925+/-44.800 χ^2/NDF:7.9/18

Right Out: 80.614+/-50.242 χ^2/NDF: 5.2/18

Left In: -35.623+/-40.902 χ^2/NDF:2.1/18

32.523+/-33.470 χ^2/NDF: 11.8/36

10.708+/-31.720 χ^2/NDF: 10.5/37



Right In: 162.548+/-0.036 χ^2/NDF: 1089314.8/17

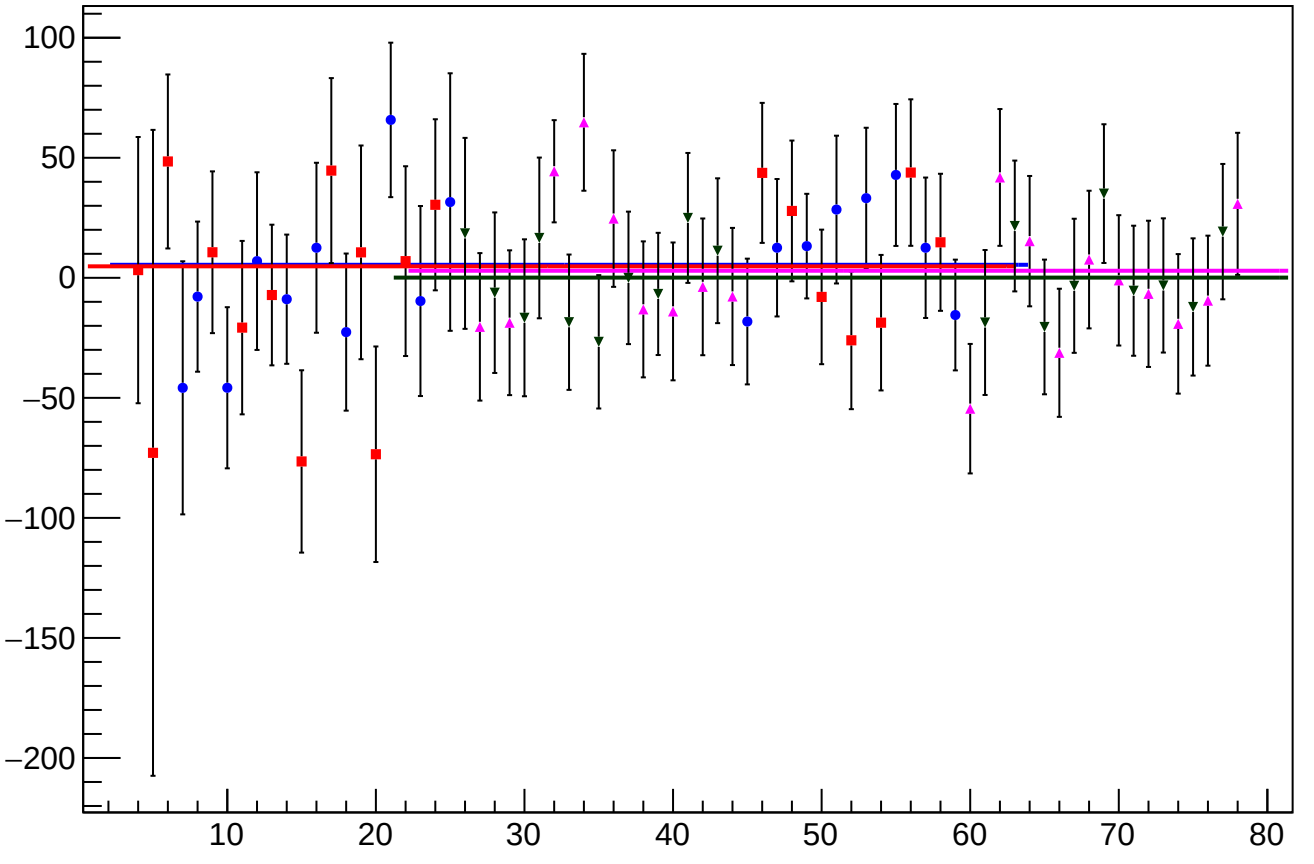
Left Out: 138.356+/-0.032 χ^2/NDF:544395.4/18

Right Out: 151.117+/-0.036 χ^2/NDF: 1306443.7/18

Left In: 129.814+/-0.029 χ^2/NDF:1039057.0/18

149.045+/-0.024 χ^2/NDF: 1891387.1/36

138.305+/-0.022 χ^2/NDF: 2561747.1/37



Right In: 5.427+/-7.205 χ^2/NDF: 13.4/17

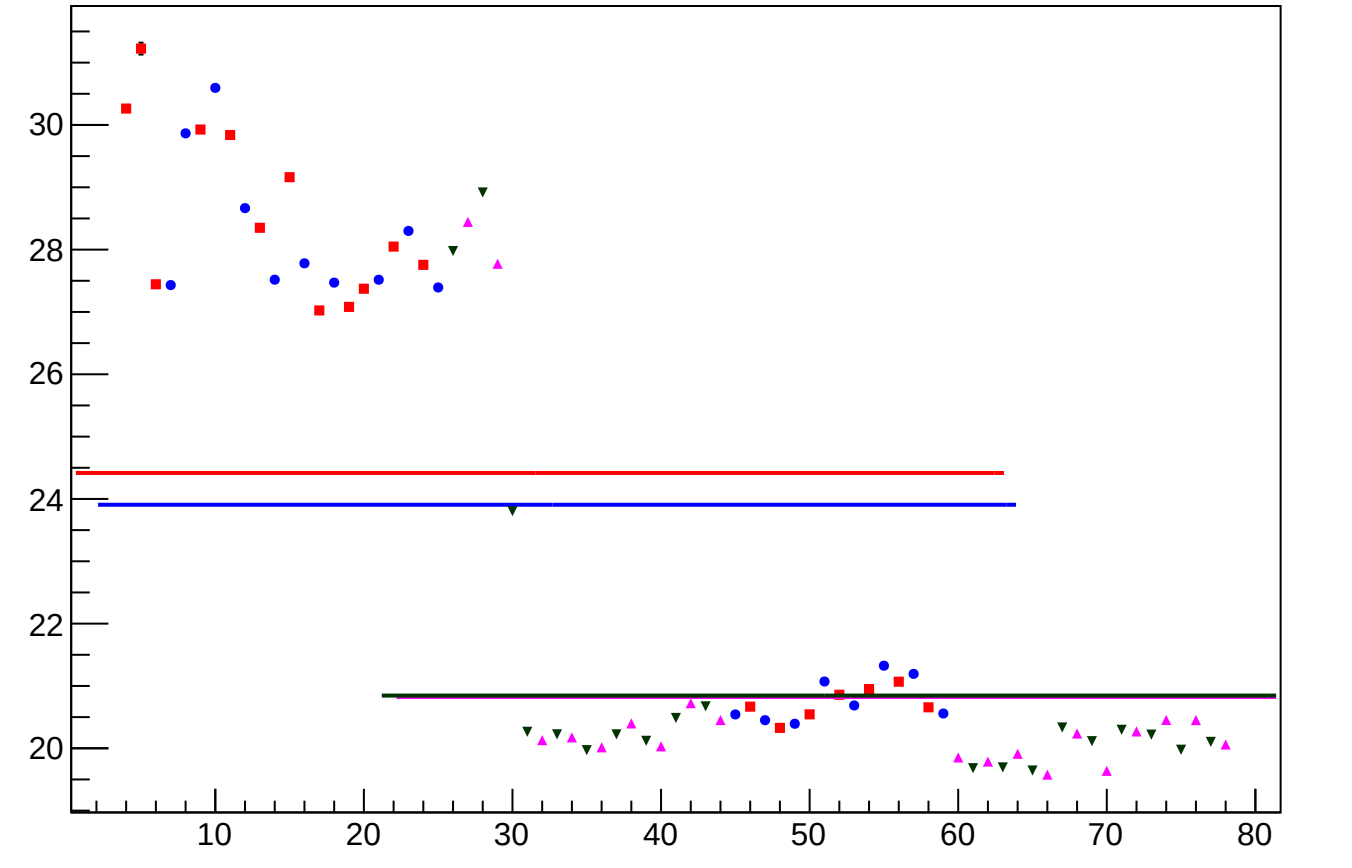
Left Out: 0.089+/-6.659 χ^2/NDF:6.9/18

Right Out: 4.784+/-7.872 χ^2/NDF: 17.9/18

Left In: 2.943+/-6.394 χ^2/NDF:21.1/18

2.548+/-4.890 χ^2/NDF: 20.5/36

3.675+/-4.963 χ^2/NDF: 39.1/37



Right In: 23.907+/-0.005 χ^2/NDF: 565903.0/17

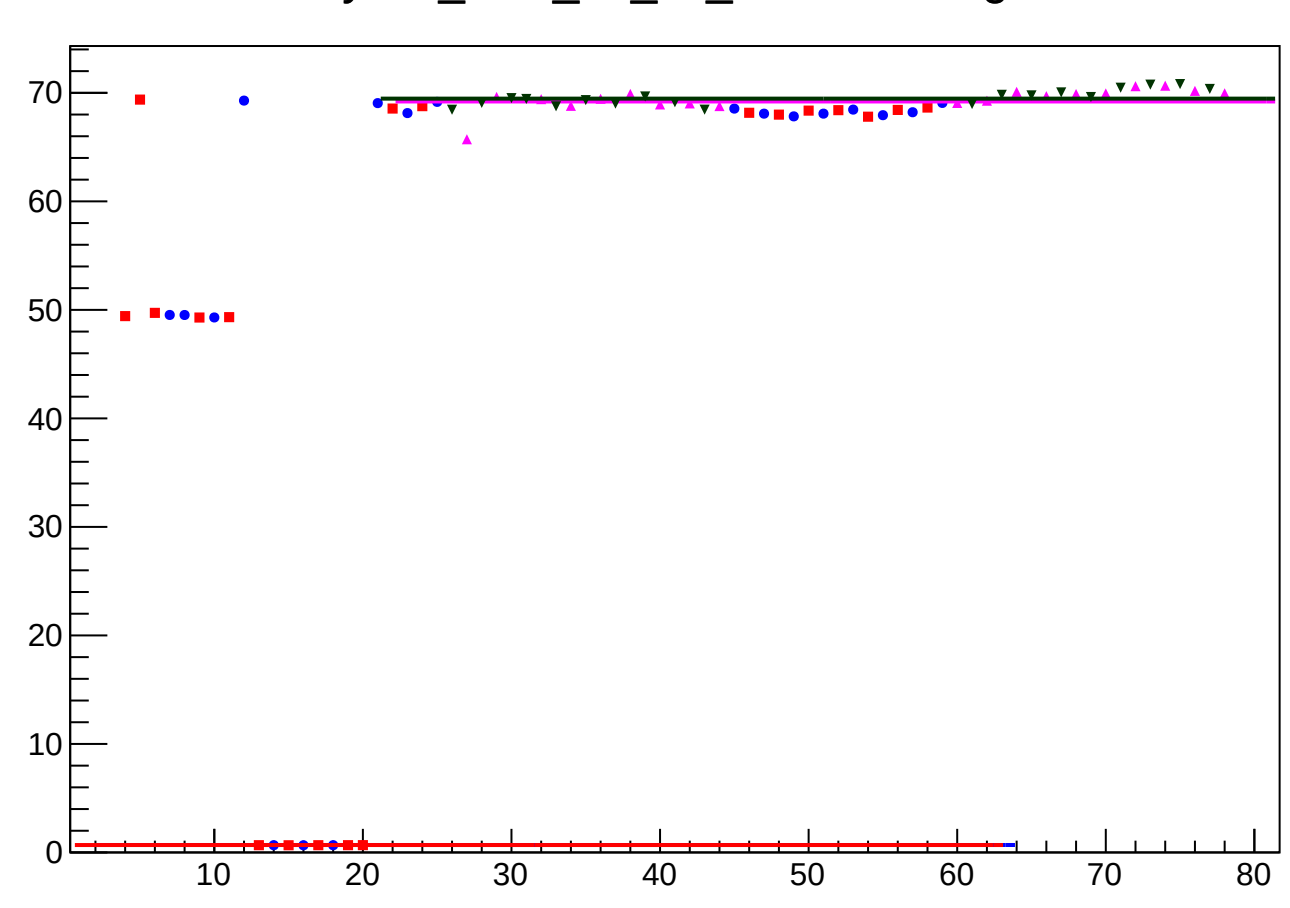
Left Out: 20.846+/-0.005 χ^2/NDF:221077.9/18

Right Out: 24.417+/-0.006 χ^2/NDF: 496476.9/18

Left In: 20.823+/-0.005 χ^2/NDF:255607.2/18

22.256+/-0.003 χ^2/NDF: 981680.9/36

22.252+/-0.004 χ^2/NDF: 1003210.8/37



Right In: 0.688+/-0.000 χ^2/NDF: 1036988220984.6/17

Left Out: 69.467+/-0.000 χ^2/NDF:114821773.2/18

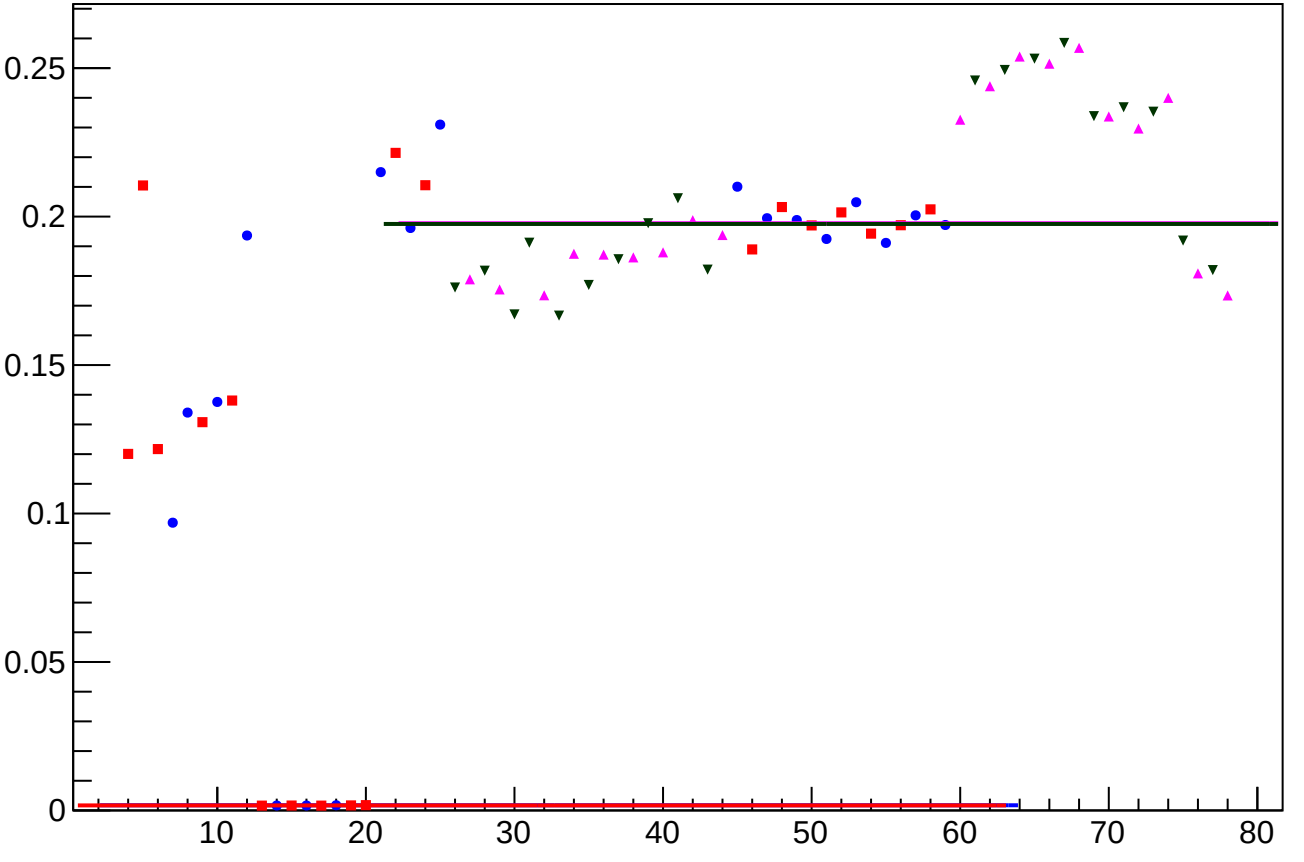
Right Out: 0.684+/-0.000 χ^2/NDF: 845851789818.6/18

Left In: 69.205+/-0.000 χ^2/NDF:406922864.4/18

0.708+/-0.000 χ^2/NDF: 2183537066067.2/36

0.702+/-0.000 χ^2/NDF: 2079253024295.3/37

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF: 16897571.8/17

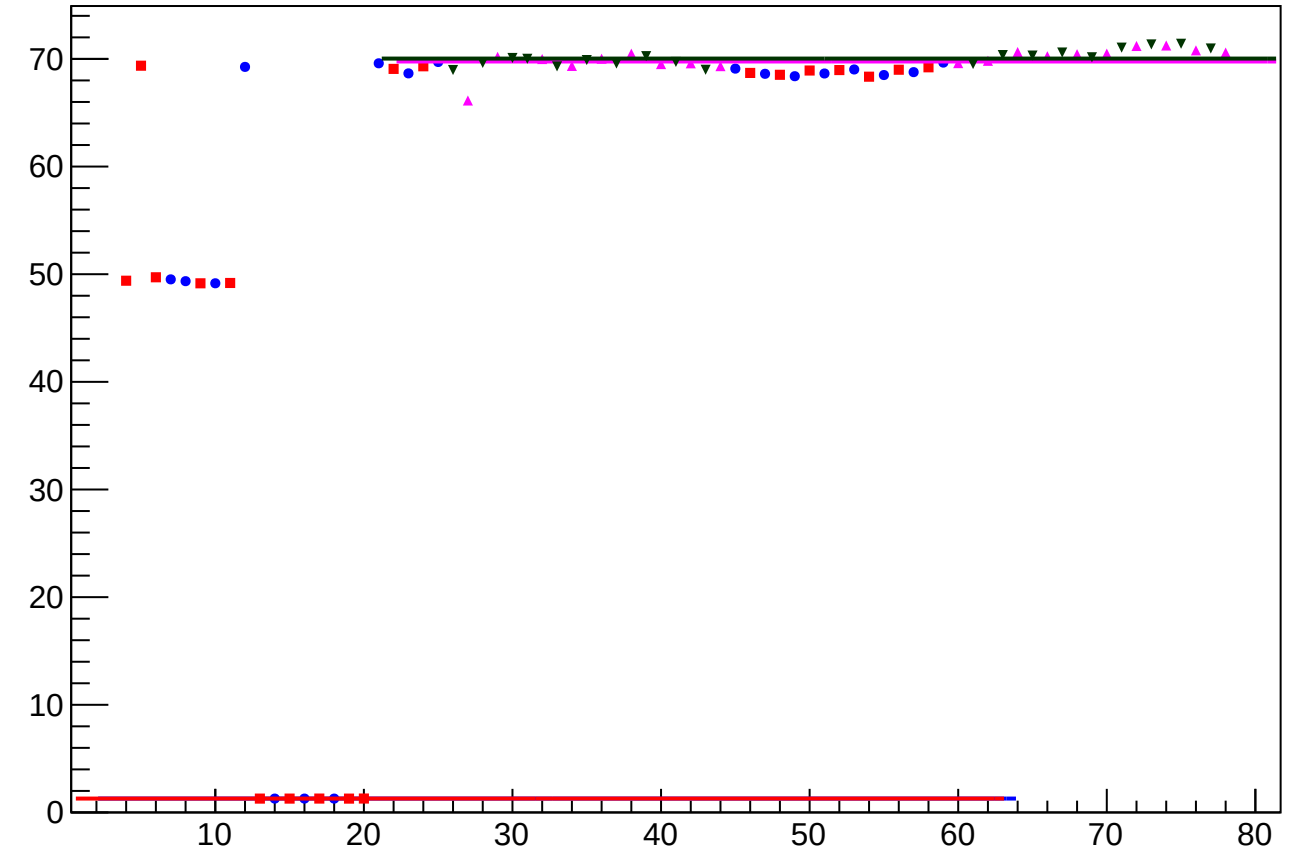
Left Out: 0.198+/-0.000 χ^2/NDF:389569.7/18

Right Out: 0.002+/-0.000 χ^2/NDF: 13510450.3/18

Left In: 0.198+/-0.000 χ^2/NDF:401899.2/18

0.002+/-0.000 χ^2/NDF: 35863751.9/36

0.002+/-0.000 χ^2/NDF: 34102672.7/37



Right In: 1.291+/-0.000 χ^2/NDF: 1010041068715.0/17

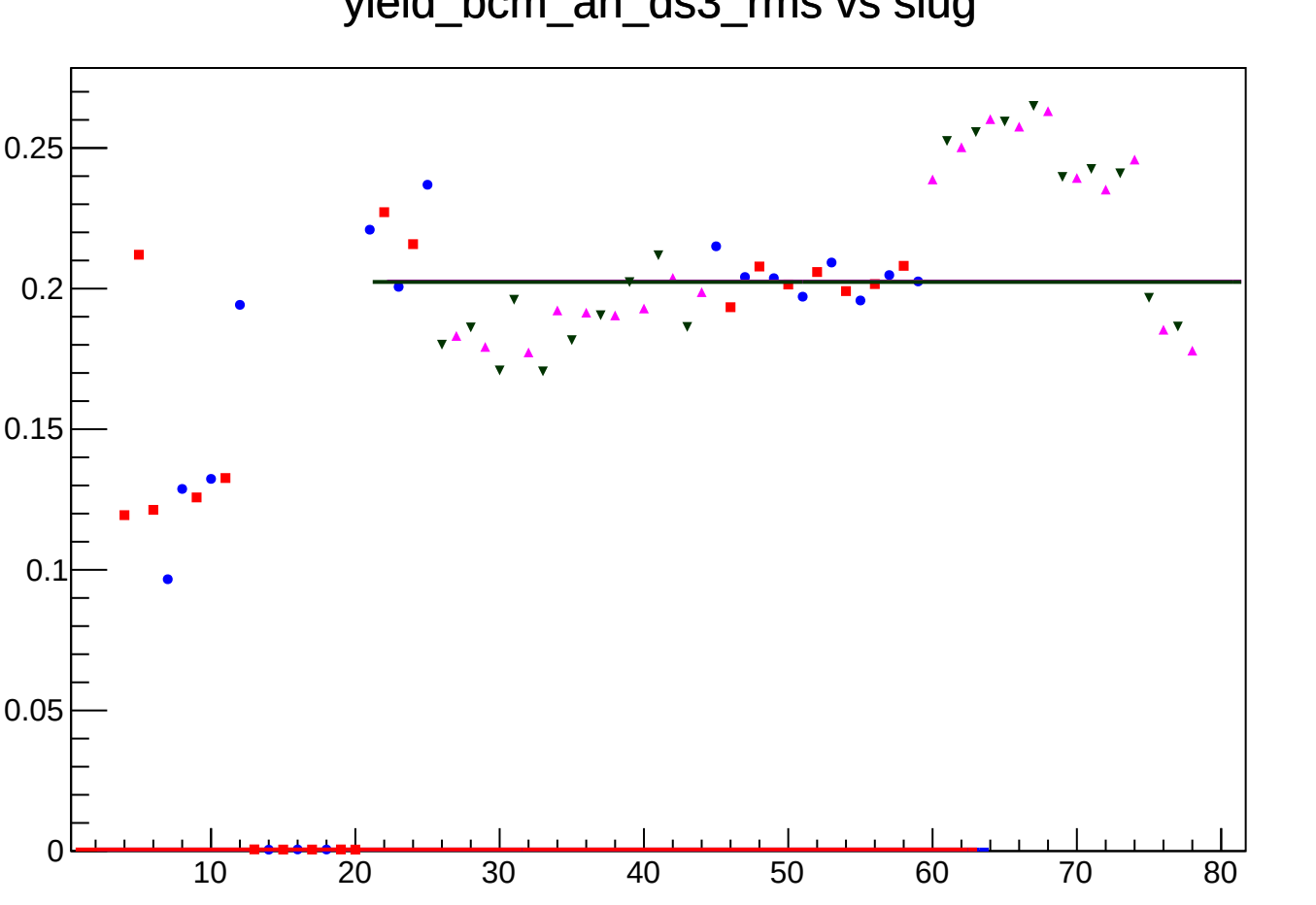
Left Out: 70.031+/-0.000 χ^2/NDF:114693728.9/18

Right Out: 1.290+/-0.000 χ^2/NDF: 826763948171.6/18

Left In: 69.760+/-0.000 χ^2/NDF:418039720.2/18

1.293+/-0.000 χ^2/NDF: 2101072831804.7/36

1.292+/-0.000 χ^2/NDF: 2000984288303.5/37



Right In: 0.001+/-0.000 χ^2/NDF: 17142253.8/17

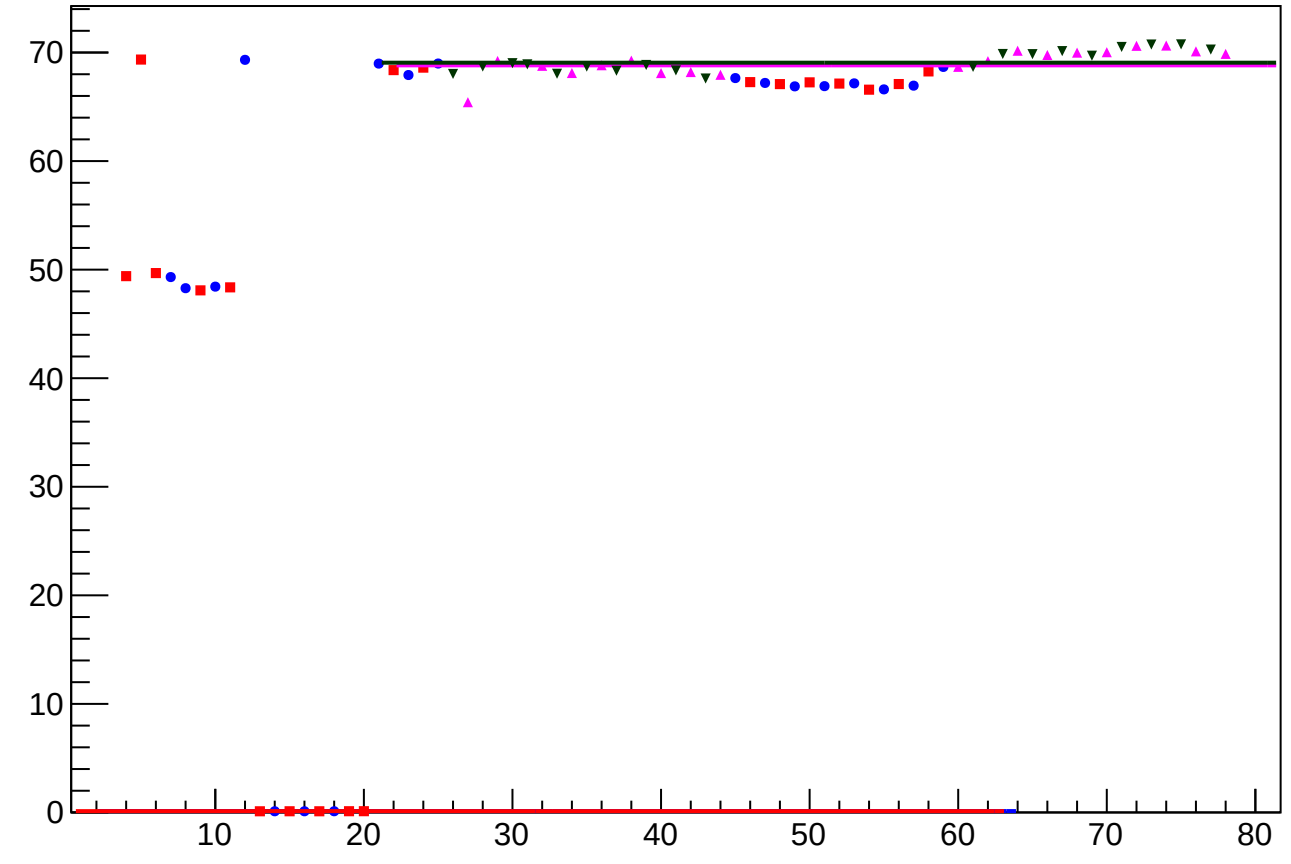
Left Out: 0.202+/-0.000 χ^2/NDF:391828.2/18

Right Out: 0.001+/-0.000 χ^2/NDF: 13695888.0/18

Left In: 0.203+/-0.000 χ^2/NDF:405288.3/18

0.001+/-0.000 χ^2/NDF: 36345379.4/36

0.001+/-0.000 χ^2/NDF: 34528633.0/37



Right In: 0.126+/-0.000 χ^2/NDF: 1070197088852.4/17

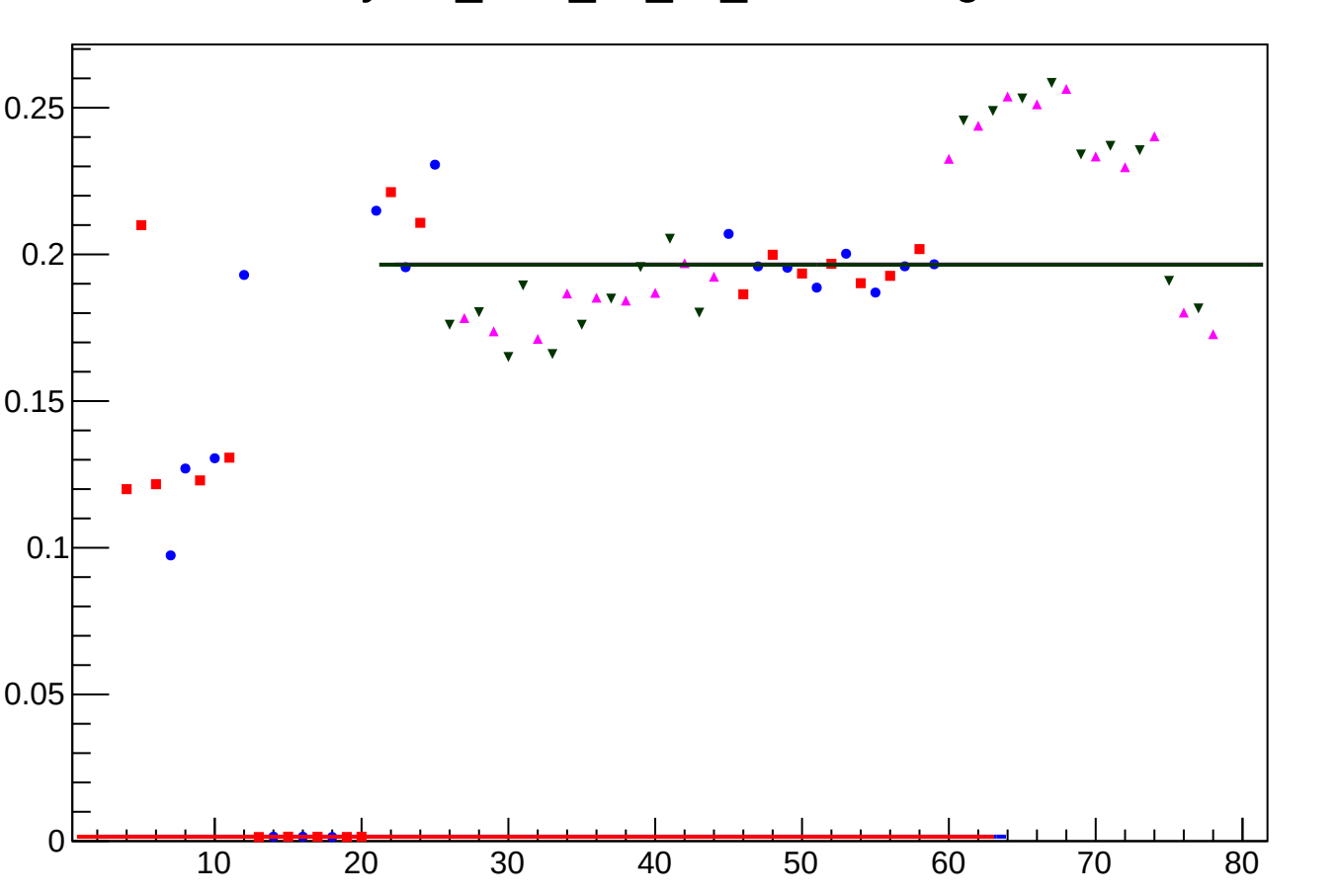
Left Out: 69.063+/-0.000 χ^2/NDF:214912718.3/18

Right Out: 0.122+/-0.000 χ^2/NDF: 876428994690.6/18

Left In: 68.818+/-0.000 χ^2/NDF:481537102.0/18

0.142+/-0.000 χ^2/NDF: 2232035749843.5/36

0.136+/-0.000 χ^2/NDF: 2130395035440.1/37



Right In: 0.002+/-0.000 χ^2/NDF: 16922209.8/17

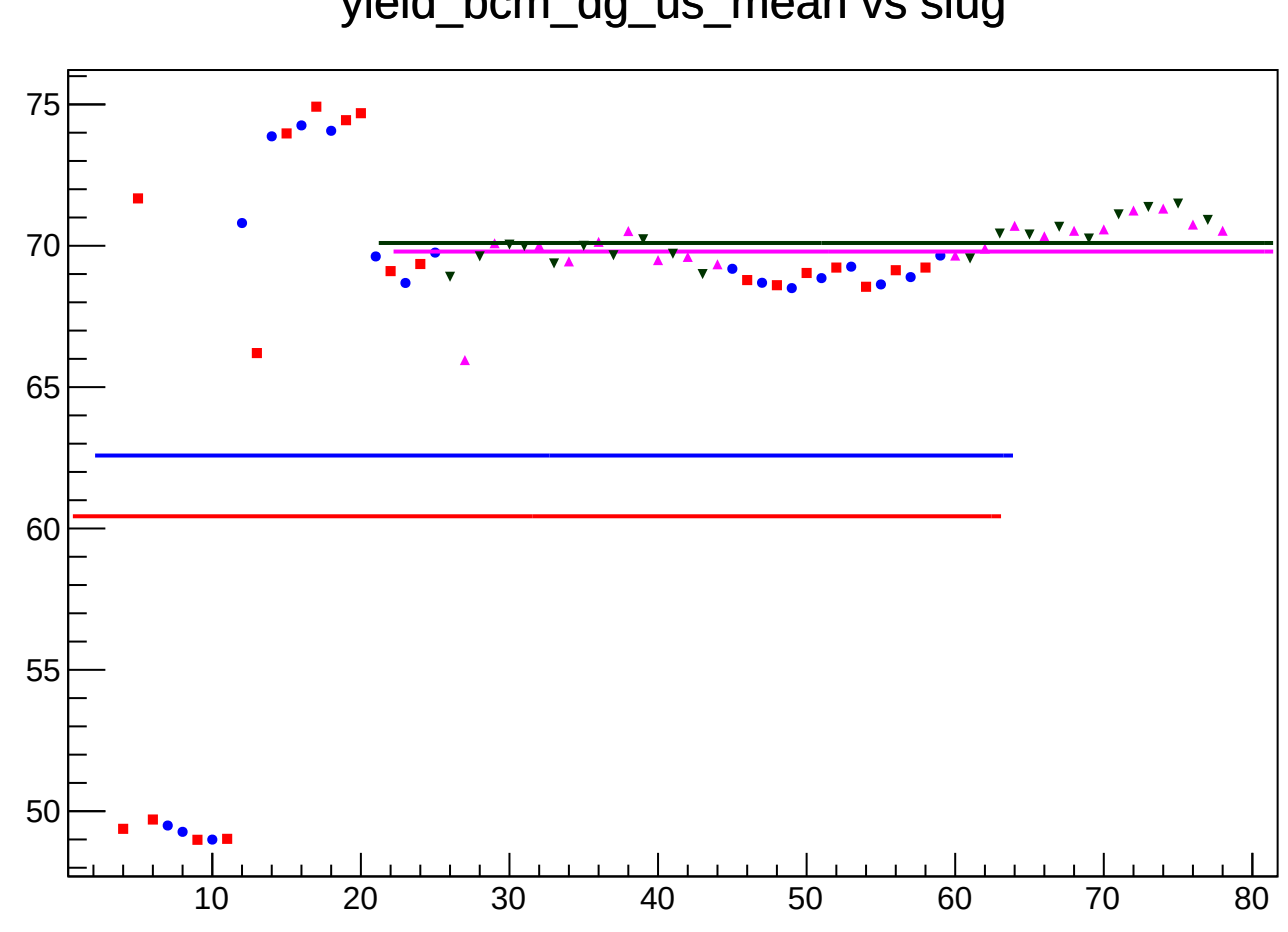
Left Out: 0.197+/-0.000 χ^2/NDF:403256.4/18

Right Out: 0.001+/-0.000 χ^2/NDF: 13535654.6/18

Left In: 0.197+/-0.000 χ^2/NDF:419842.6/18

0.002+/-0.000 χ^2/NDF: 35909848.5/36

0.002+/-0.000 χ^2/NDF: 34168242.8/37



Right In: 62.581+/-0.000 χ^2/NDF: 33681231971.4/17

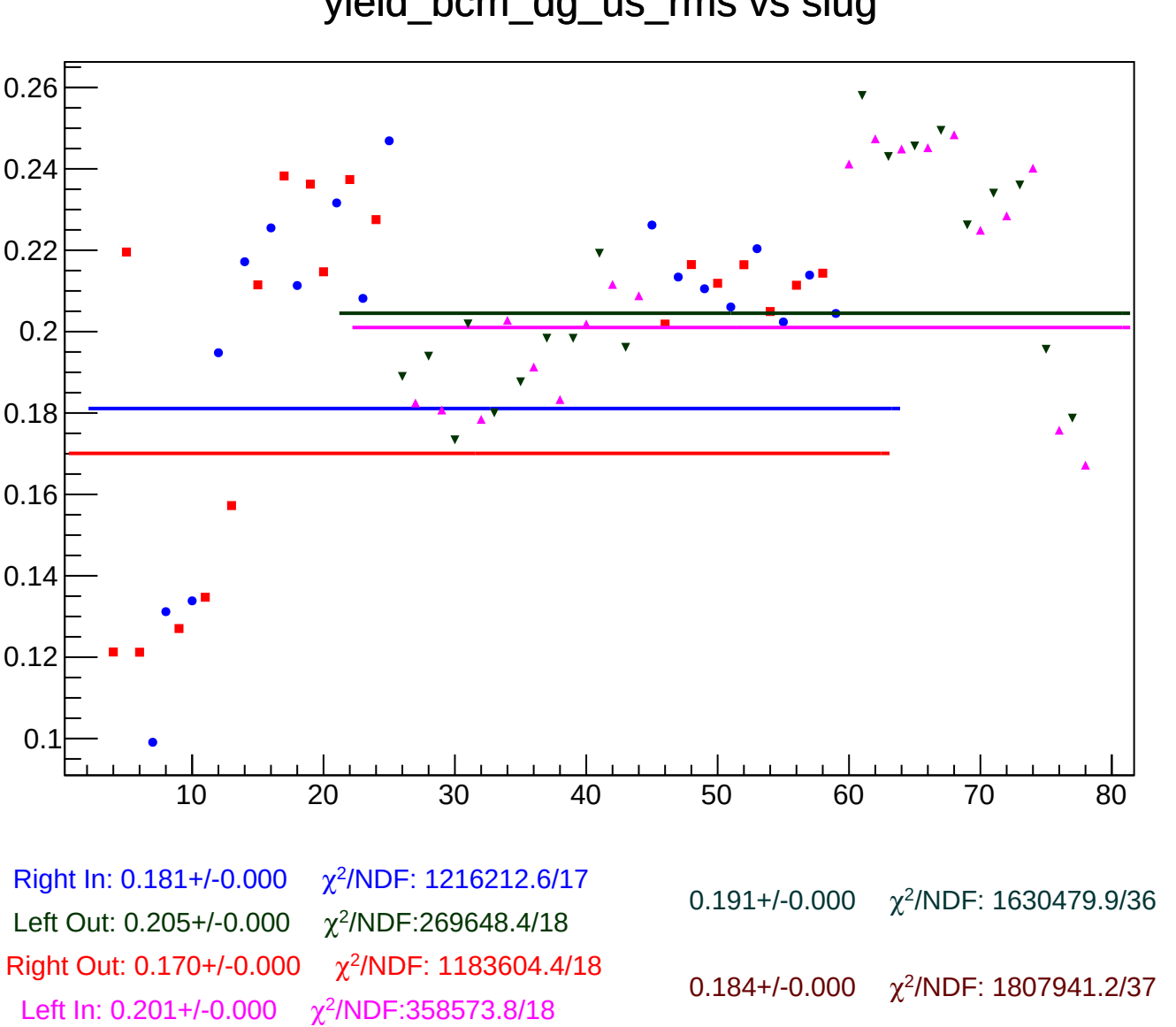
Left Out: 70.099+/-0.000 χ^2/NDF:116632238.1/18

Right Out: 60.432+/-0.000 χ^2/NDF: 32977972131.8/18

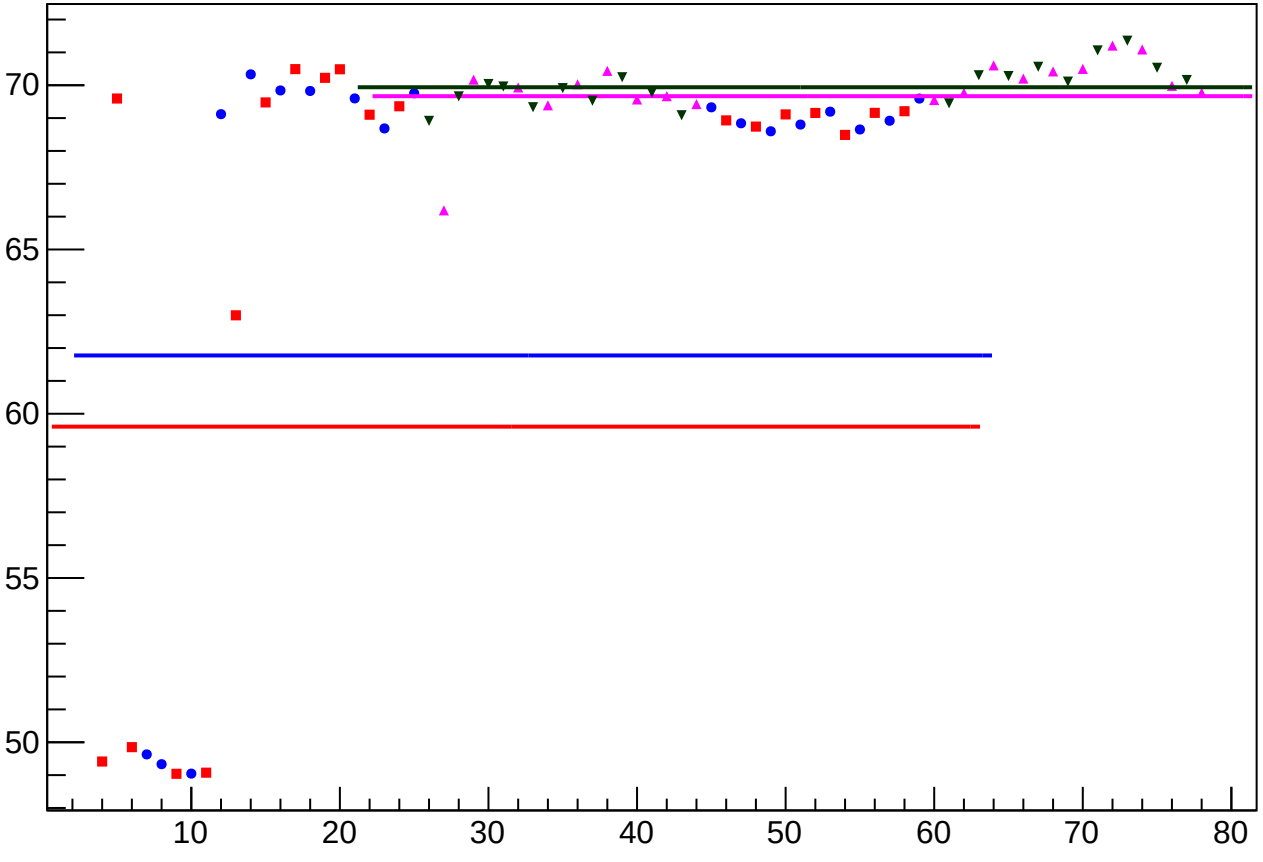
Left In: 69.796+/-0.000 χ^2/NDF:460216468.9/18

65.741+/-0.000 χ^2/NDF: 41254955944.9/36

64.677+/-0.000 χ^2/NDF: 45613624111.7/37


yield_bcm_dg_us_rms vs slug
0.26
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
10
20
30
40
50
60
70
80
Right In: 0.181+/-0.000 χ²/NDF: 1216212.6/17
Left Out: 0.205+/-0.000 χ²/NDF:269648.4/18
Right Out: 0.170+/-0.000 χ²/NDF: 1183604.4/18
Left In: 0.201+/-0.000 χ²/NDF:358573.8/18
0.191+/-0.000 χ²/NDF: 1630479.9/36
0.184+/-0.000 χ²/NDF: 1807941.2/37

yield_bcm_dg_ds_mean vs slug



Right In: 61.774+/-0.000 χ^2/NDF: 30968593880.6/17

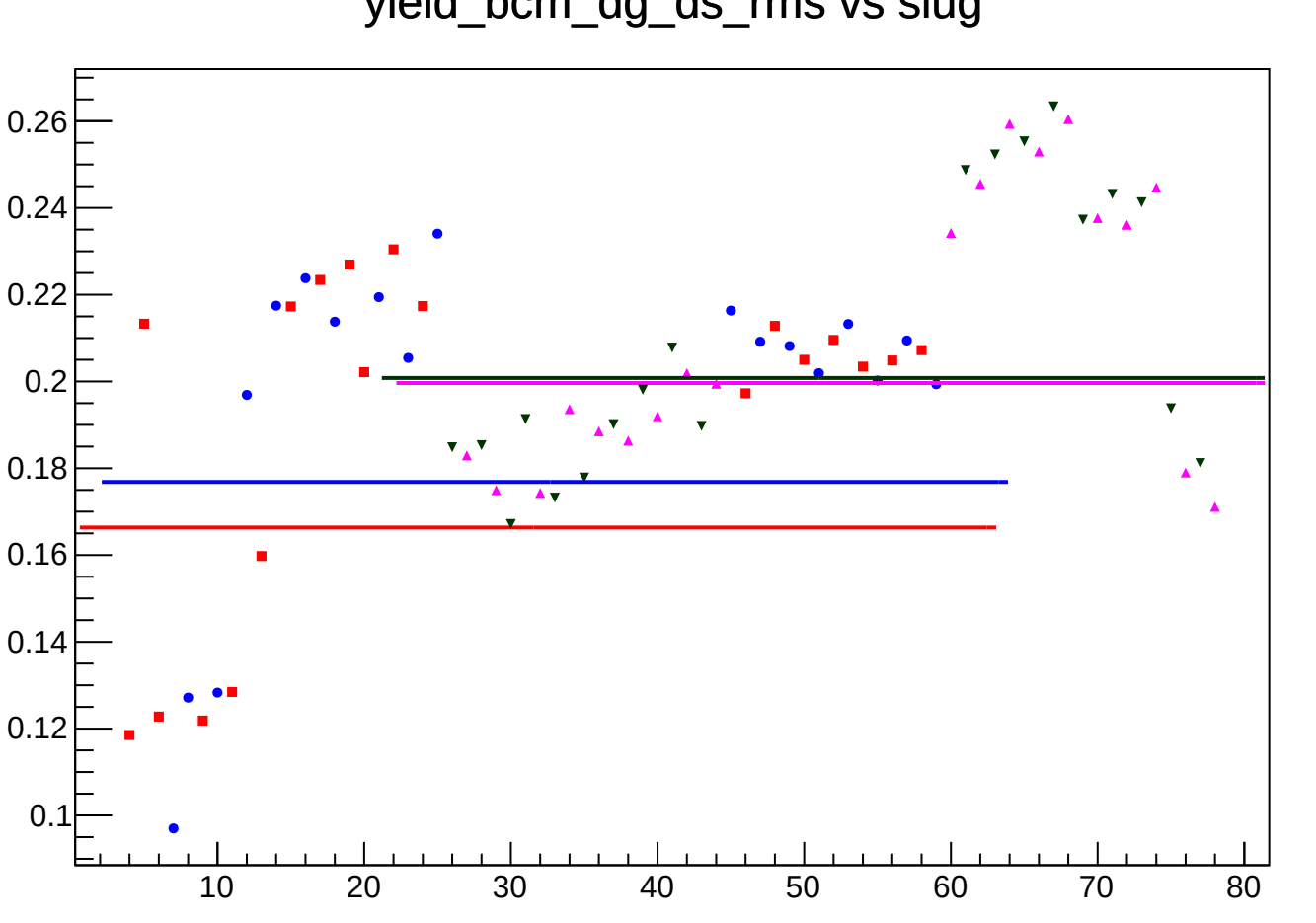
Left Out: 69.939+/-0.000 χ^2/NDF:77429126.9/18

Right Out: 59.608+/-0.000 χ^2/NDF: 29547406430.8/18

Left In: 69.666+/-0.000 χ^2/NDF:371979524.2/18

65.176+/-0.000 χ^2/NDF: 40172463212.3/36

64.087+/-0.000 χ^2/NDF: 44360902973.8/37



Right In: 0.177+/-0.000 χ^2/NDF: 1276663.3/17

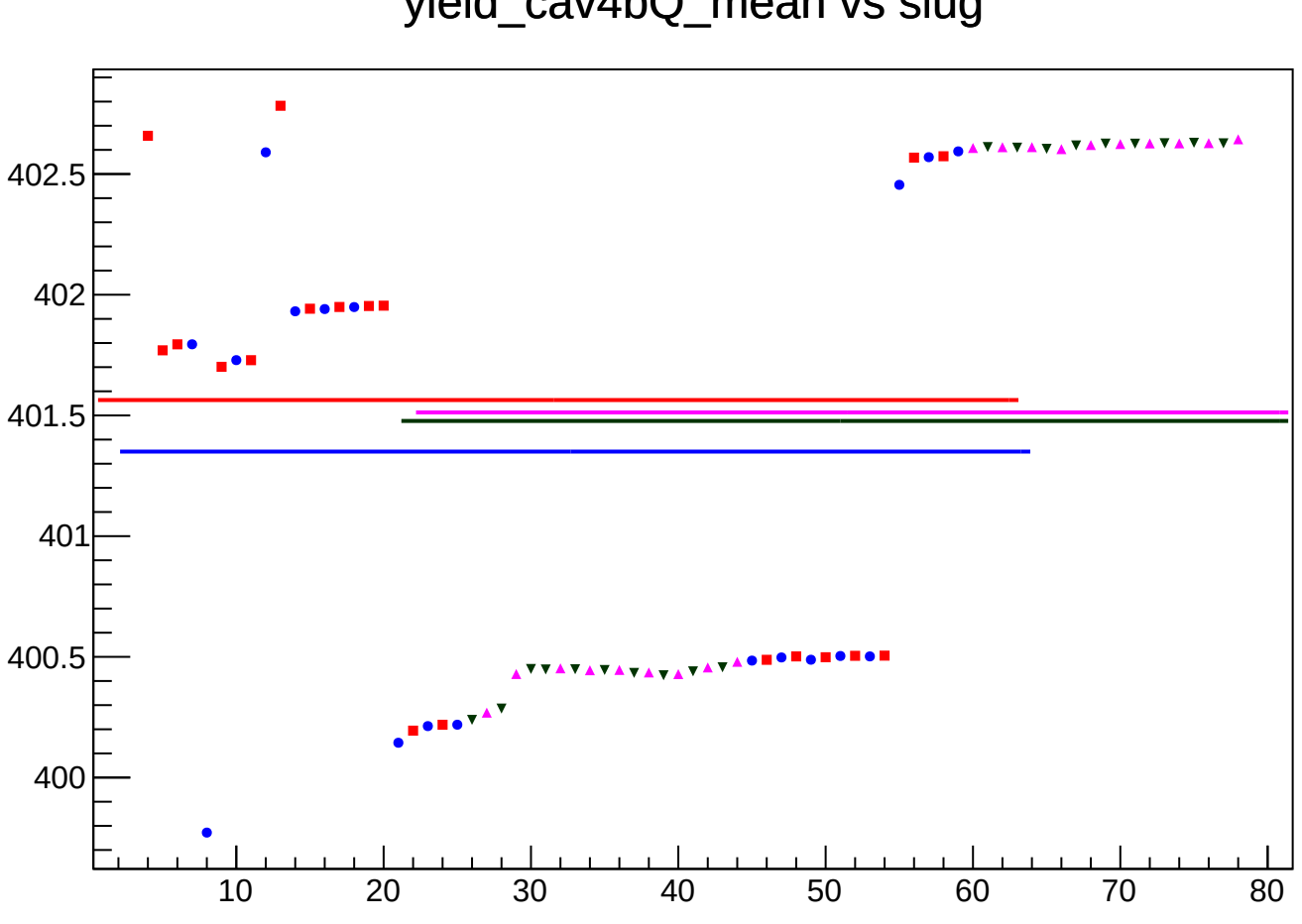
Left Out: 0.201+/-0.000 χ^2/NDF:385437.7/18

Right Out: 0.166+/-0.000 χ^2/NDF: 1156468.8/18

Left In: 0.200+/-0.000 χ^2/NDF:428764.6/18

0.187+/-0.000 χ^2/NDF: 1819399.8/36

0.181+/-0.000 χ^2/NDF: 1901800.9/37



Right In: 401.350+/-0.000 χ^2/NDF: 235093599906.3/17

Left Out: 401.477+/-0.000 χ^2/NDF:276246907537.4/18

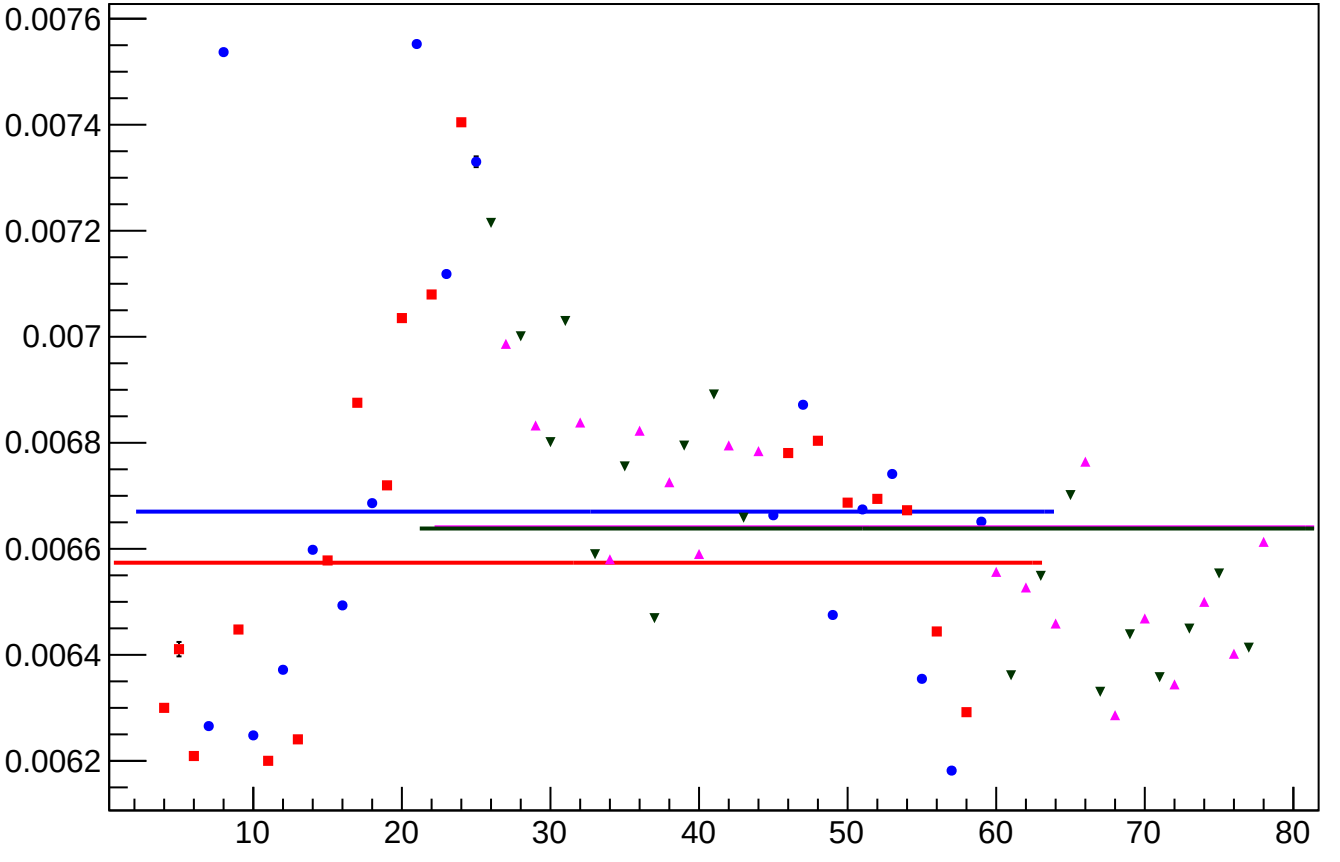
Right Out: 401.564+/-0.000 χ^2/NDF: 183973928948.5/18

Left In: 401.512+/-0.000 χ^2/NDF:294390959601.8/18

401.410+/-0.000 χ^2/NDF: 513253678466.7/36

401.537+/-0.000 χ^2/NDF: 478676703184.0/37

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 76682.3/17

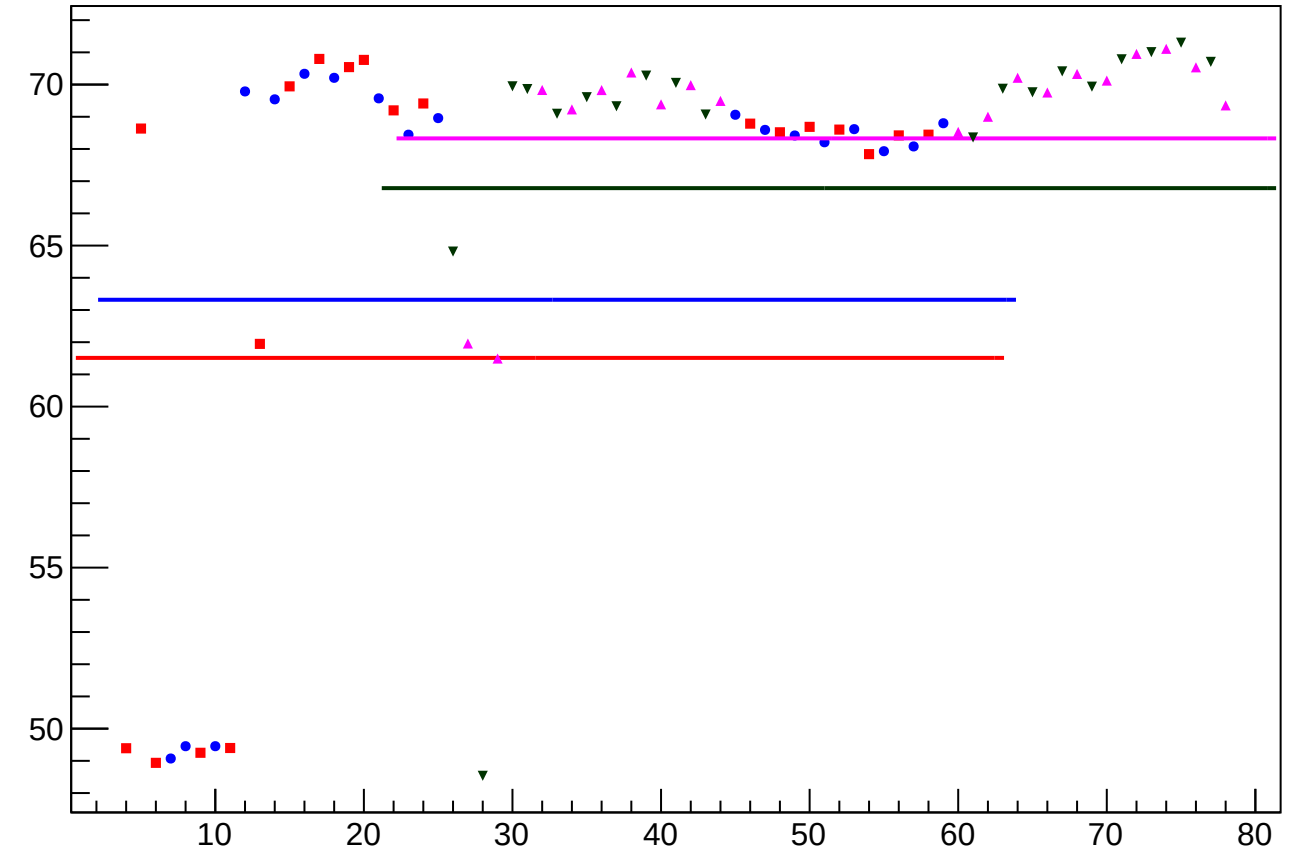
Left Out: 0.007+/-0.000 χ^2/NDF:26350.5/18

Right Out: 0.007+/-0.000 χ^2/NDF: 47681.9/18

Left In: 0.007+/-0.000 χ^2/NDF:18647.4/18

0.007+/-0.000 χ^2/NDF: 103274.1/36

0.007+/-0.000 χ^2/NDF: 67385.6/37



Right In: 63.318+/-0.000 χ^2/NDF: 17047377048.9/17

Left Out: 66.784+/-0.000 χ^2/NDF:10328316284.5/18

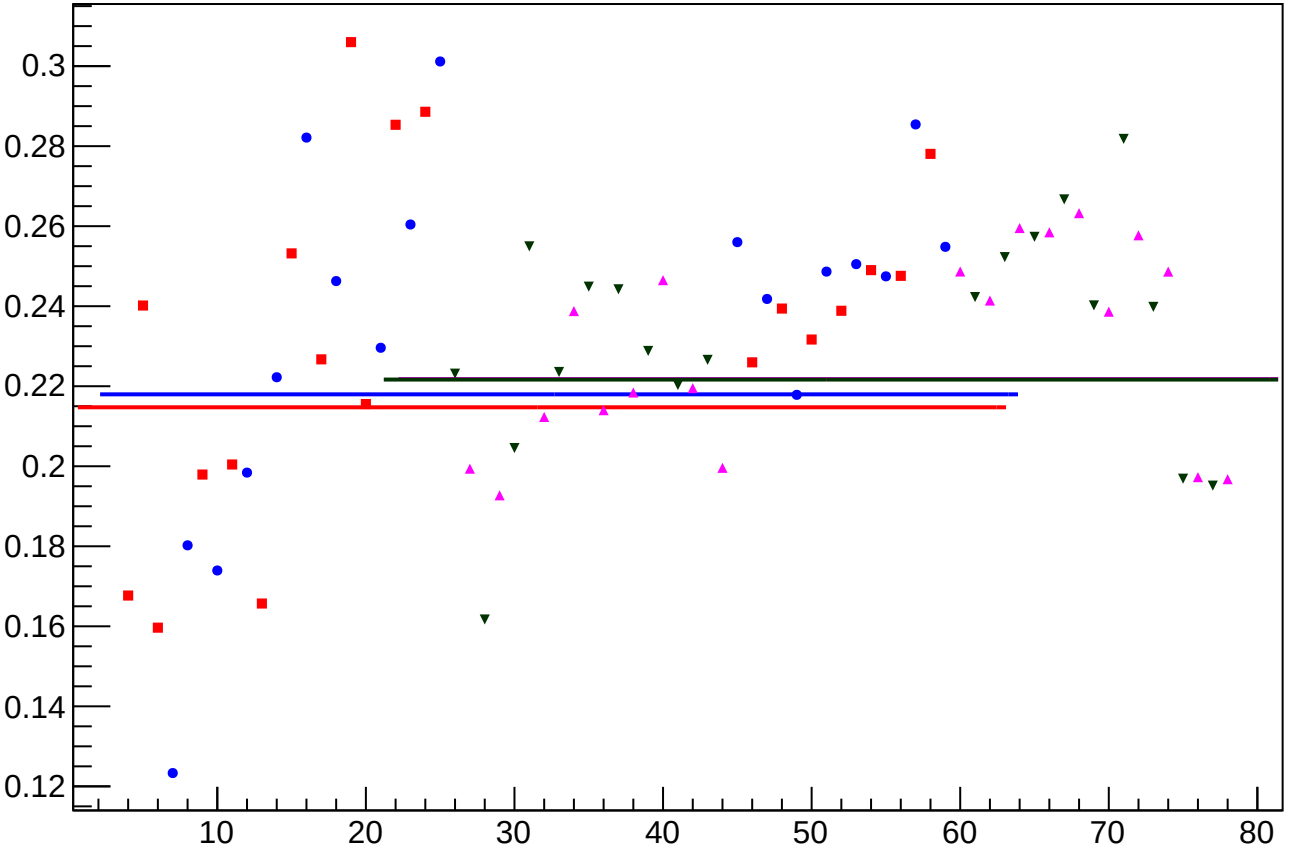
Right Out: 61.513+/-0.000 χ^2/NDF: 15349624825.1/18

Left In: 68.328+/-0.000 χ^2/NDF:2127014359.2/18

64.938+/-0.000 χ^2/NDF: 28563075659.3/36

65.058+/-0.000 χ^2/NDF: 21976978395.9/37

yield_cav4cQ_rms vs slug



Right In: 0.218+/-0.000 χ^2/NDF: 734629.1/17

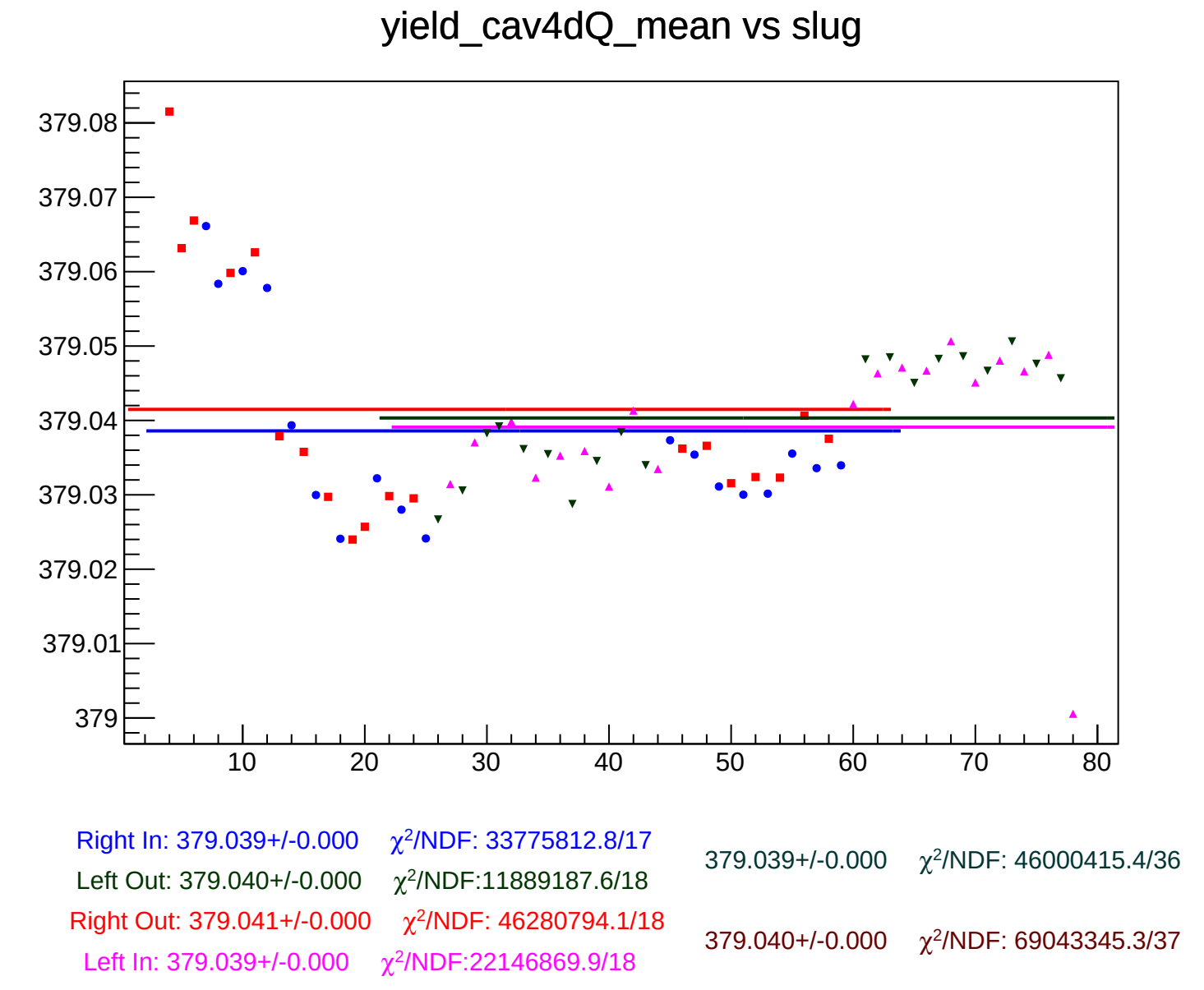
Left Out: 0.222+/-0.000 χ^2/NDF:386287.8/18

Right Out: 0.215+/-0.000 χ^2/NDF: 631176.3/18

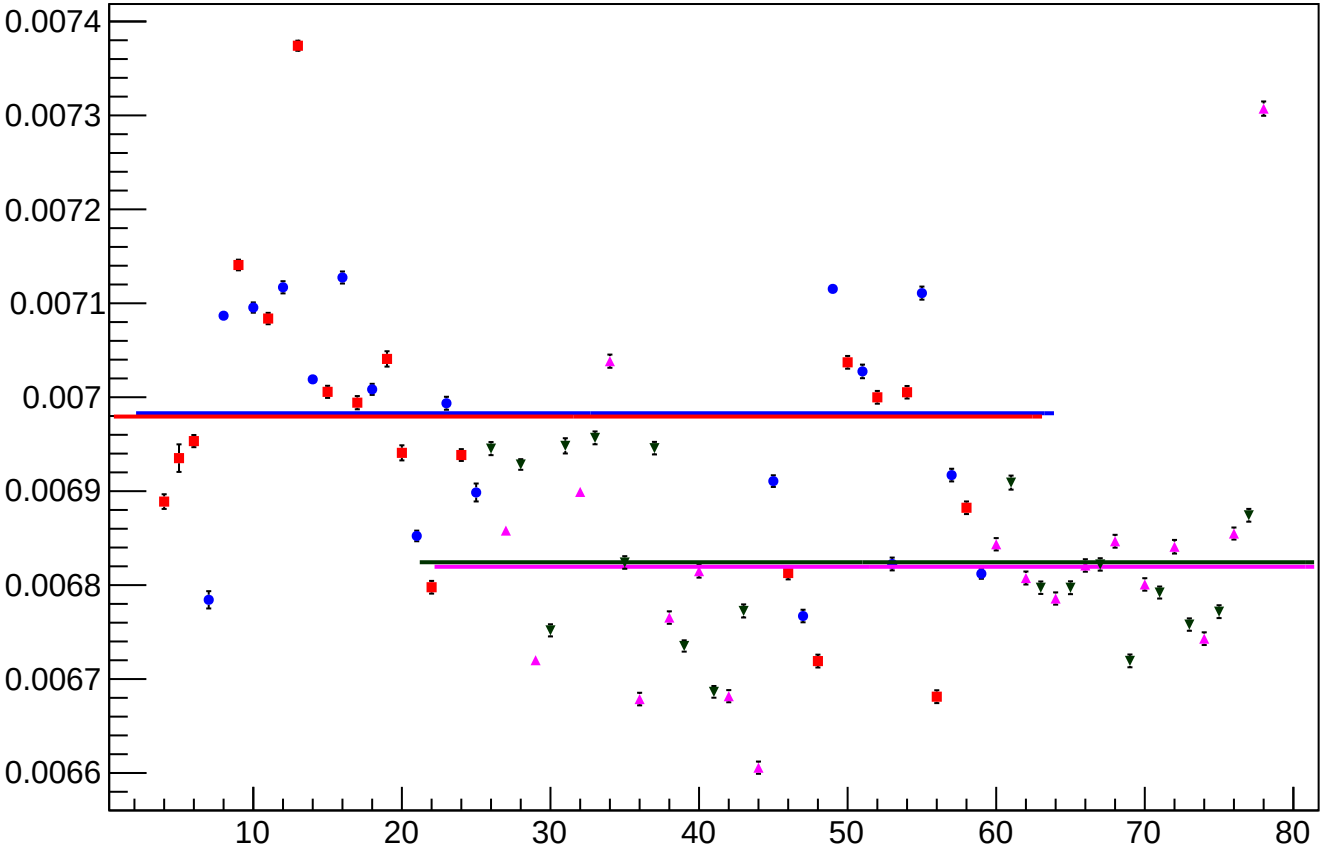
Left In: 0.222+/-0.000 χ^2/NDF:232660.6/18

0.220+/-0.000 χ^2/NDF: 1123615.8/36

0.218+/-0.000 χ^2/NDF: 873522.2/37


yield_cav4dQ_mean vs slug
379.08
379.07
379.06
379.05
379.04
379.03
379.02
379.01
379
10
20
30
40
50
60
70
80
Right In: 379.039+/-0.000 χ²/NDF: 33775812.8/17
Left Out: 379.040+/-0.000 χ²/NDF:11889187.6/18
Right Out: 379.041+/-0.000 χ²/NDF: 46280794.1/18
Left In: 379.039+/-0.000 χ²/NDF:22146869.9/18
379.039+/-0.000 χ²/NDF: 46000415.4/36
379.040+/-0.000 χ²/NDF: 69043345.3/37

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 6696.3/17

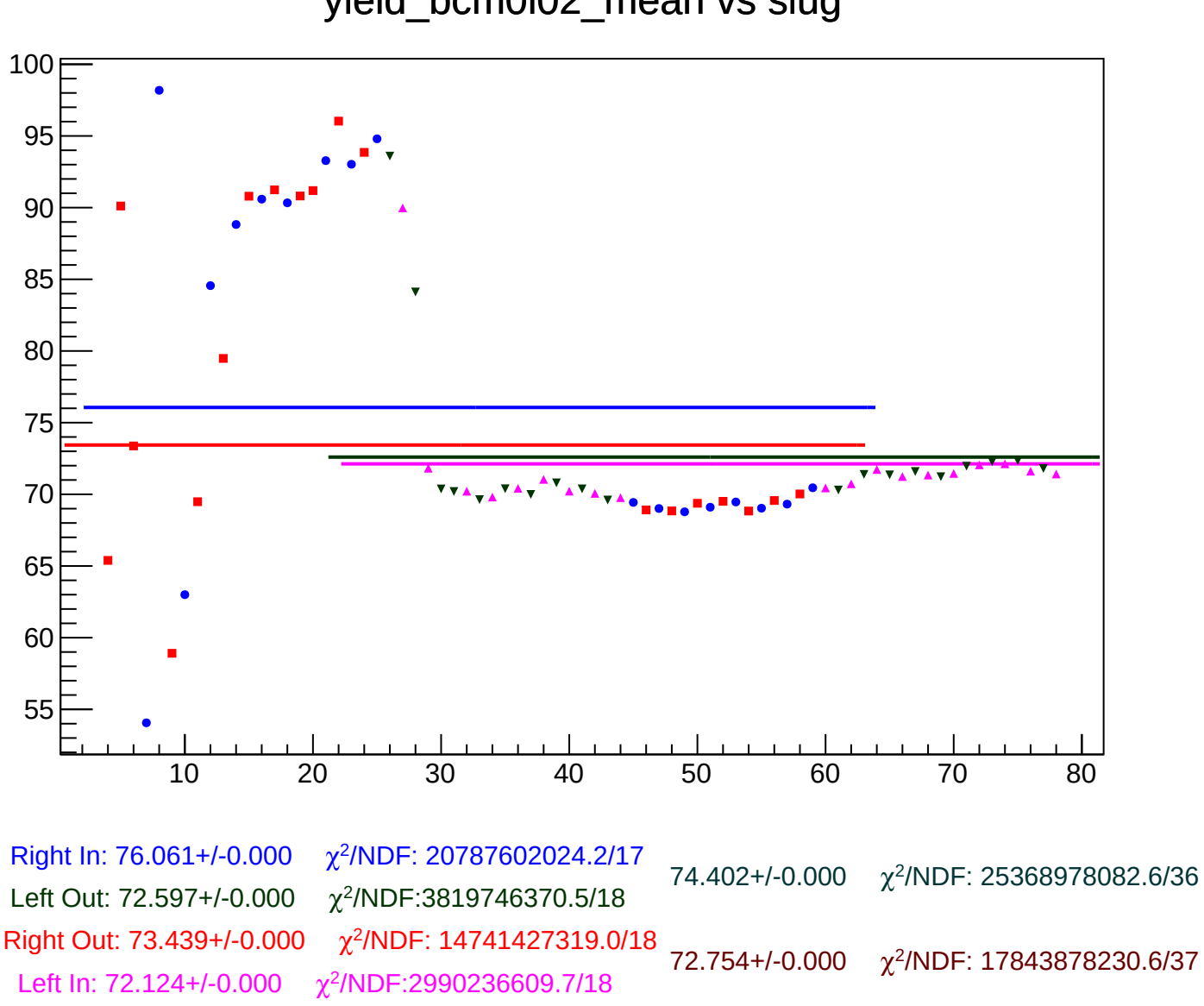
Left Out: 0.007+/-0.000 χ^2/NDF:3097.8/18

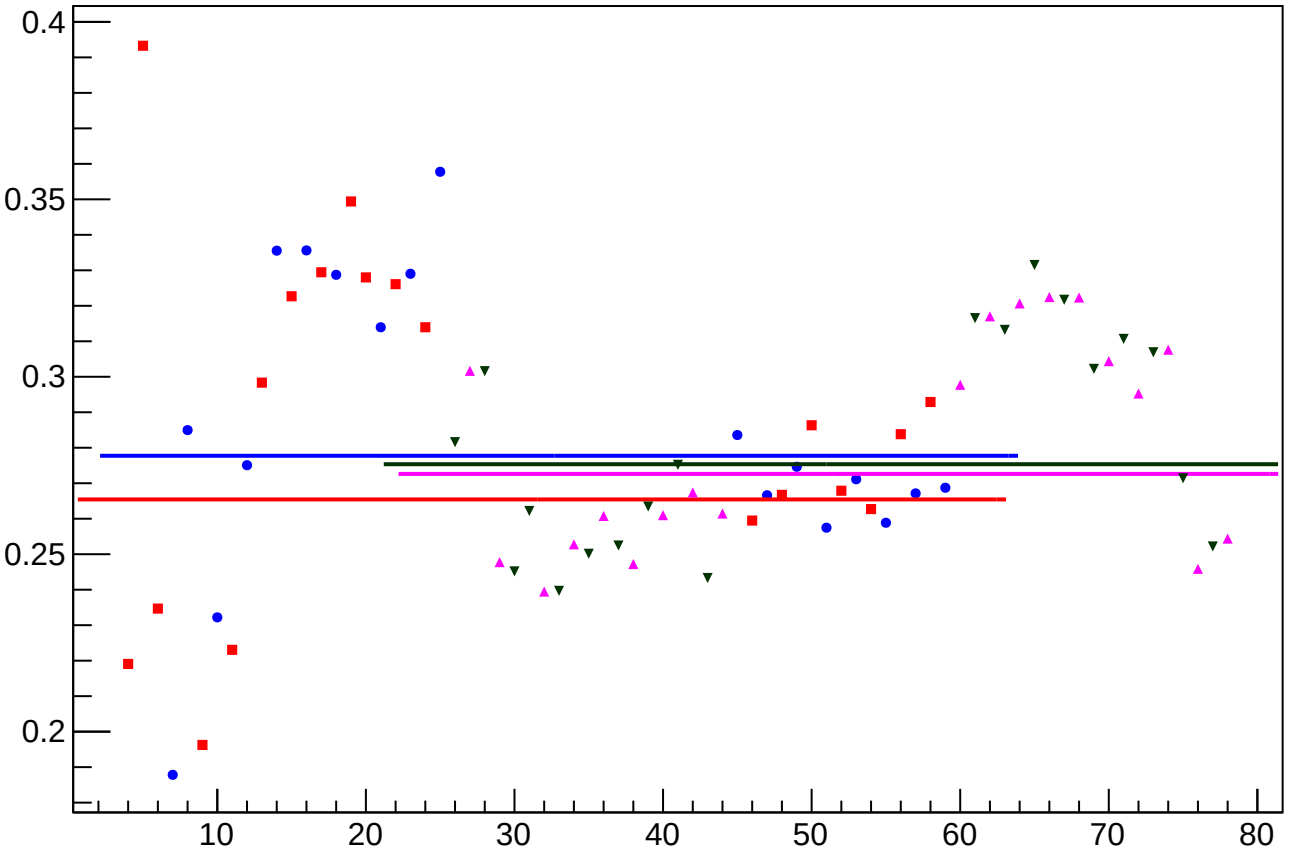
Right Out: 0.007+/-0.000 χ^2/NDF: 11747.2/18

Left In: 0.007+/-0.000 χ^2/NDF:7983.3/18

0.007+/-0.000 χ^2/NDF: 15380.7/36

0.007+/-0.000 χ^2/NDF: 25288.4/37


yield_bcm0l02_mean vs slug
100
95
90
85
80
75
70
65
60
55
10
20
30
40
50
60
70
80
Right In: 76.061+/-0.000 χ²/NDF: 20787602024.2/17
Left Out: 72.597+/-0.000 χ²/NDF:3819746370.5/18
Right Out: 73.439+/-0.000 χ²/NDF: 14741427319.0/18
Left In: 72.124+/-0.000 χ²/NDF:2990236609.7/18
74.402+/-0.000 χ²/NDF: 25368978082.6/36
72.754+/-0.000 χ²/NDF: 17843878230.6/37



Right In: 0.278+/-0.000 χ^2/NDF: 370245.0/17

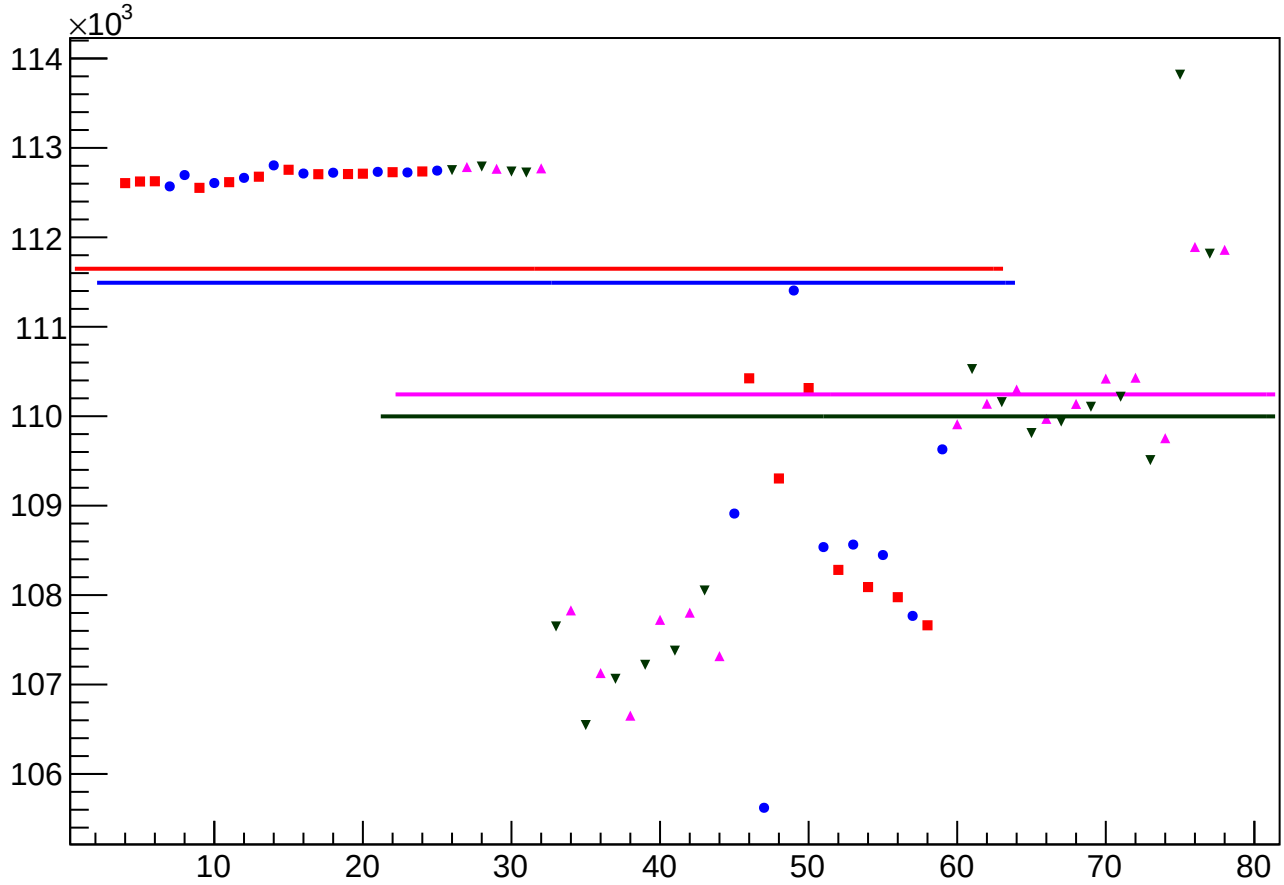
Left Out: 0.275+/-0.000 χ^2/NDF:201988.3/18

Right Out: 0.265+/-0.000 χ^2/NDF: 503582.7/18

Left In: 0.273+/-0.000 χ^2/NDF:227252.3/18

0.277+/-0.000 χ^2/NDF: 572950.9/36

0.269+/-0.000 χ^2/NDF: 737553.4/37



Right In: 111492.185+/-0.035 χ^2/NDF: 3171680490.6/17

Left Out: 109998.143+/-0.041 χ^2/NDF:3107664855.6/18

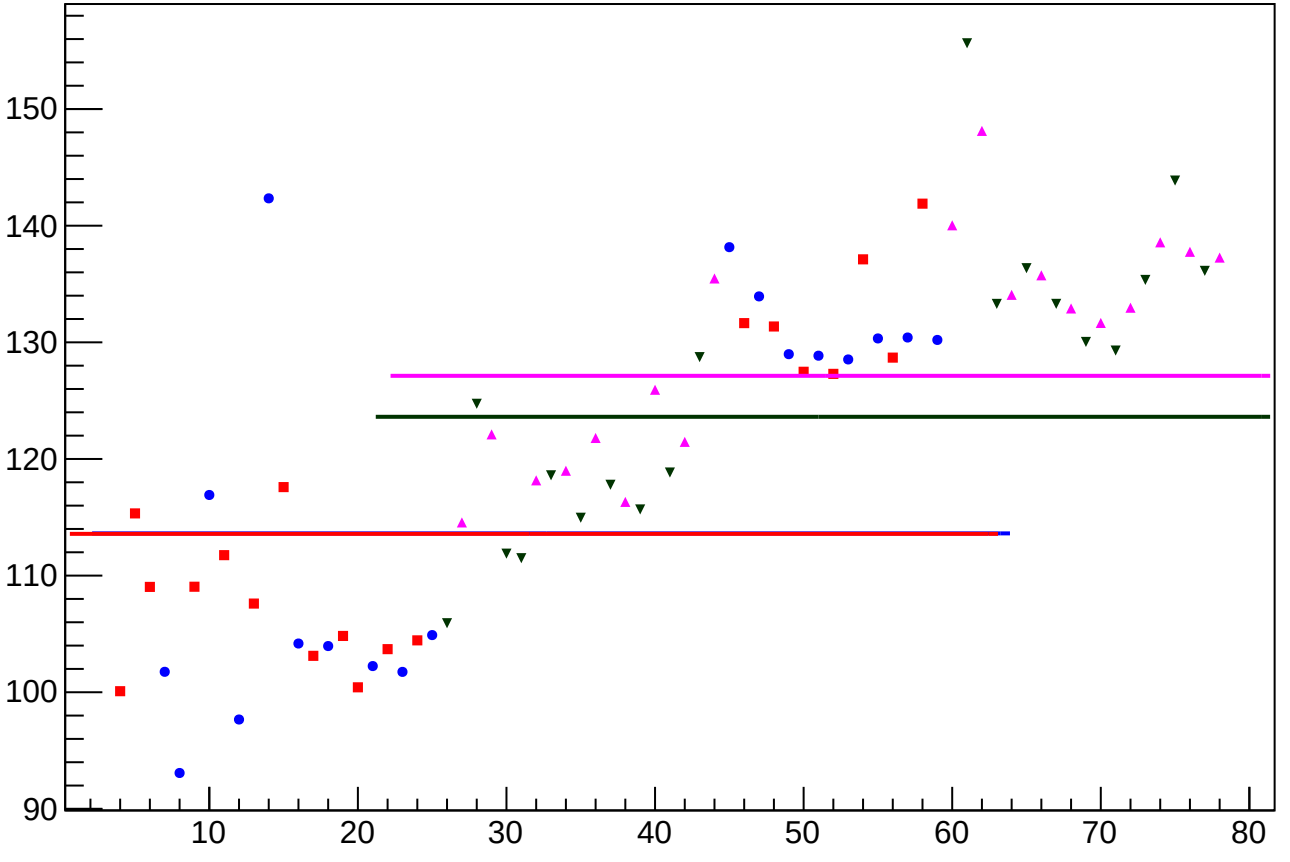
Right Out: 111648.935+/-0.037 χ^2/NDF: 2298631932.7/18

Left In: 110243.859+/-0.041 χ^2/NDF:2754768895.4/18

110870.329+/-0.027 χ^2/NDF: 7040279941.6/36

111005.568+/-0.027 χ^2/NDF: 5705380338.1/37

yield_bpm2i01WS_rms vs slug



Right In: 113.620+/-0.025 χ^2/NDF: 422351.8/17

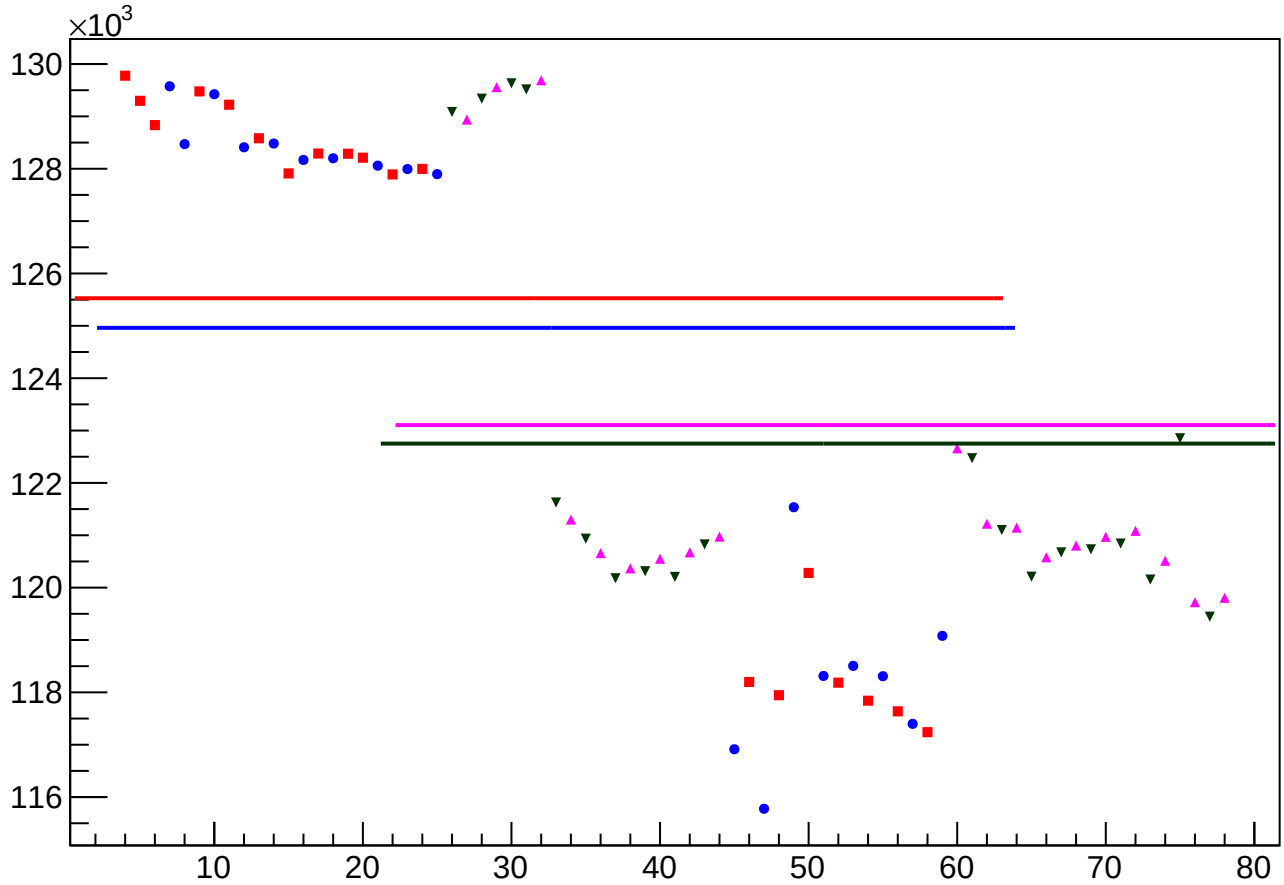
Left Out: 123.615+/-0.029 χ^2/NDF:139966.0/18

Right Out: 113.579+/-0.026 χ^2/NDF: 206805.2/18

Left In: 127.129+/-0.029 χ^2/NDF:102065.6/18

117.780+/-0.019 χ^2/NDF: 630441.7/36

119.784+/-0.019 χ^2/NDF: 430128.5/37



Right In: 124961.680+/-0.057 χ^2/NDF: 7216201458.1/17

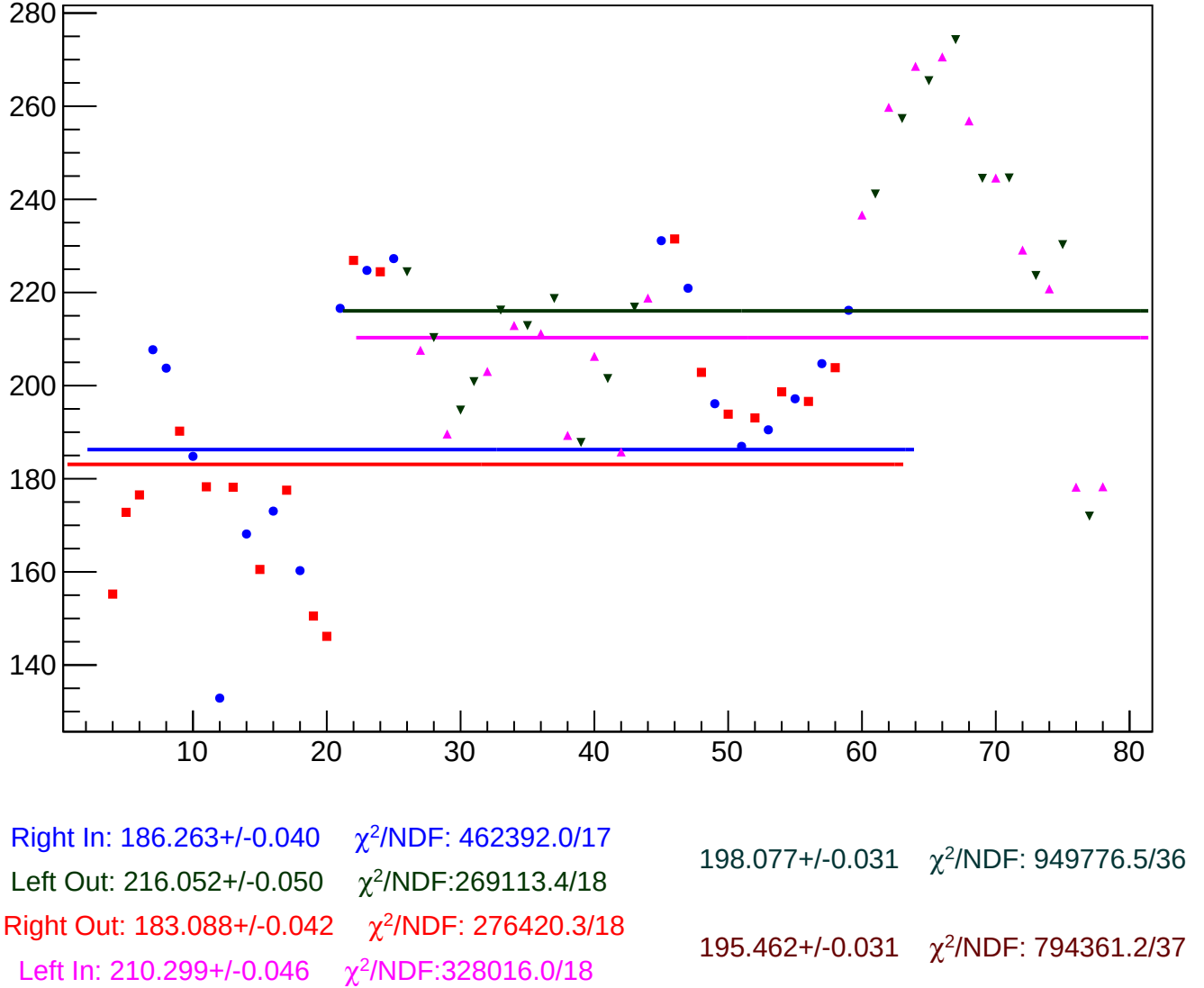
Left Out: 122750.990+/-0.070 χ^2/NDF:2933697065.0/18

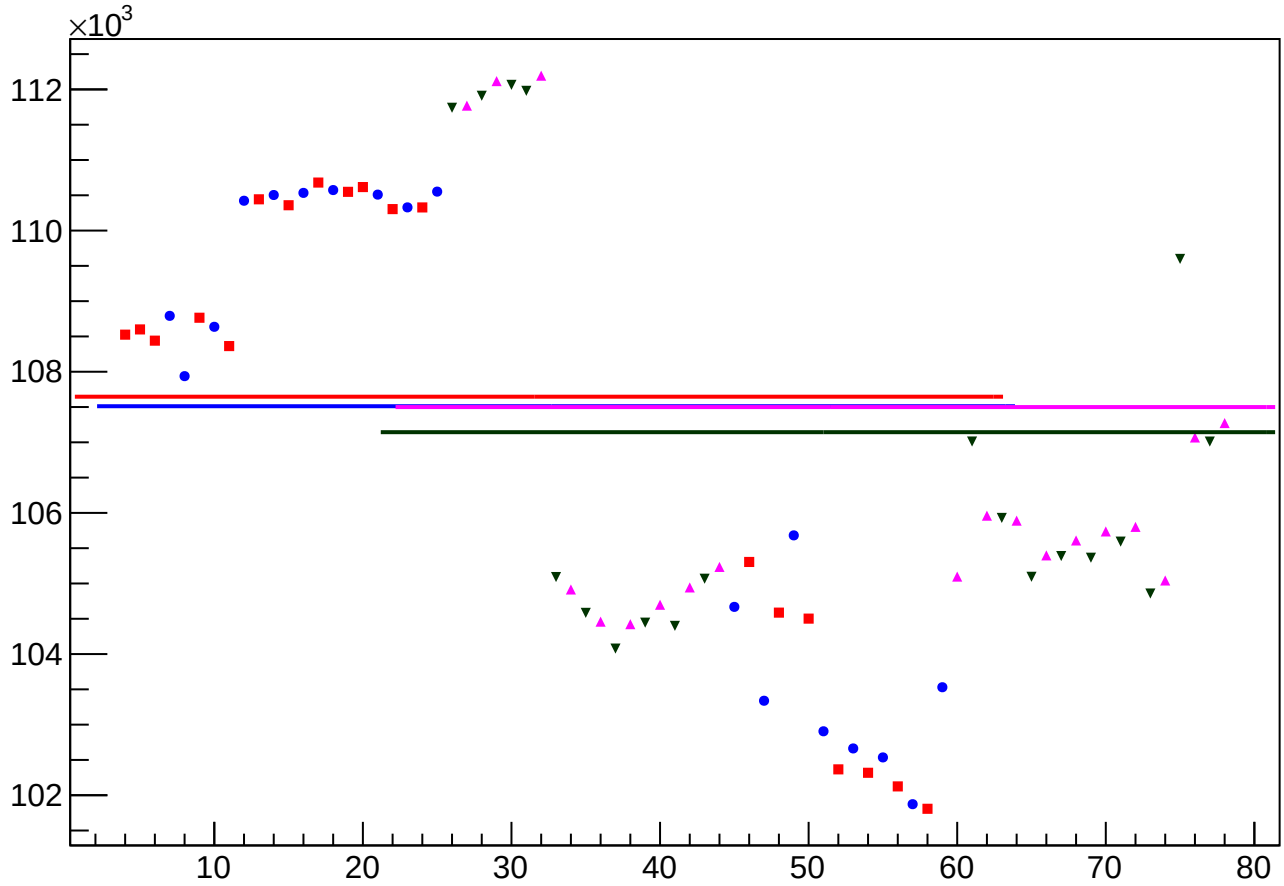
Right Out: 125527.018+/-0.060 χ^2/NDF: 6545248421.9/18

Left In: 123104.270+/-0.065 χ^2/NDF:3652740487.5/18

124084.923+/-0.044 χ^2/NDF: 10750958031.0/3

124425.277+/-0.044 χ^2/NDF: 10950820372.0/3


yield_bpm0i07WS_rms vs slug
280
260
240
220
200
180
160
140
10
20
30
40
50
60
70
80
Right In: 186.263+/-0.040 χ²/NDF: 462392.0/17
Left Out: 216.052+/-0.050 χ²/NDF:269113.4/18
Right Out: 183.088+/-0.042 χ²/NDF: 276420.3/18
Left In: 210.299+/-0.046 χ²/NDF:328016.0/18
198.077+/-0.031 χ²/NDF: 949776.5/36
195.462+/-0.031 χ²/NDF: 794361.2/37



Right In: 107511.375+/-0.037 χ^2/NDF: 7545366390.6/17

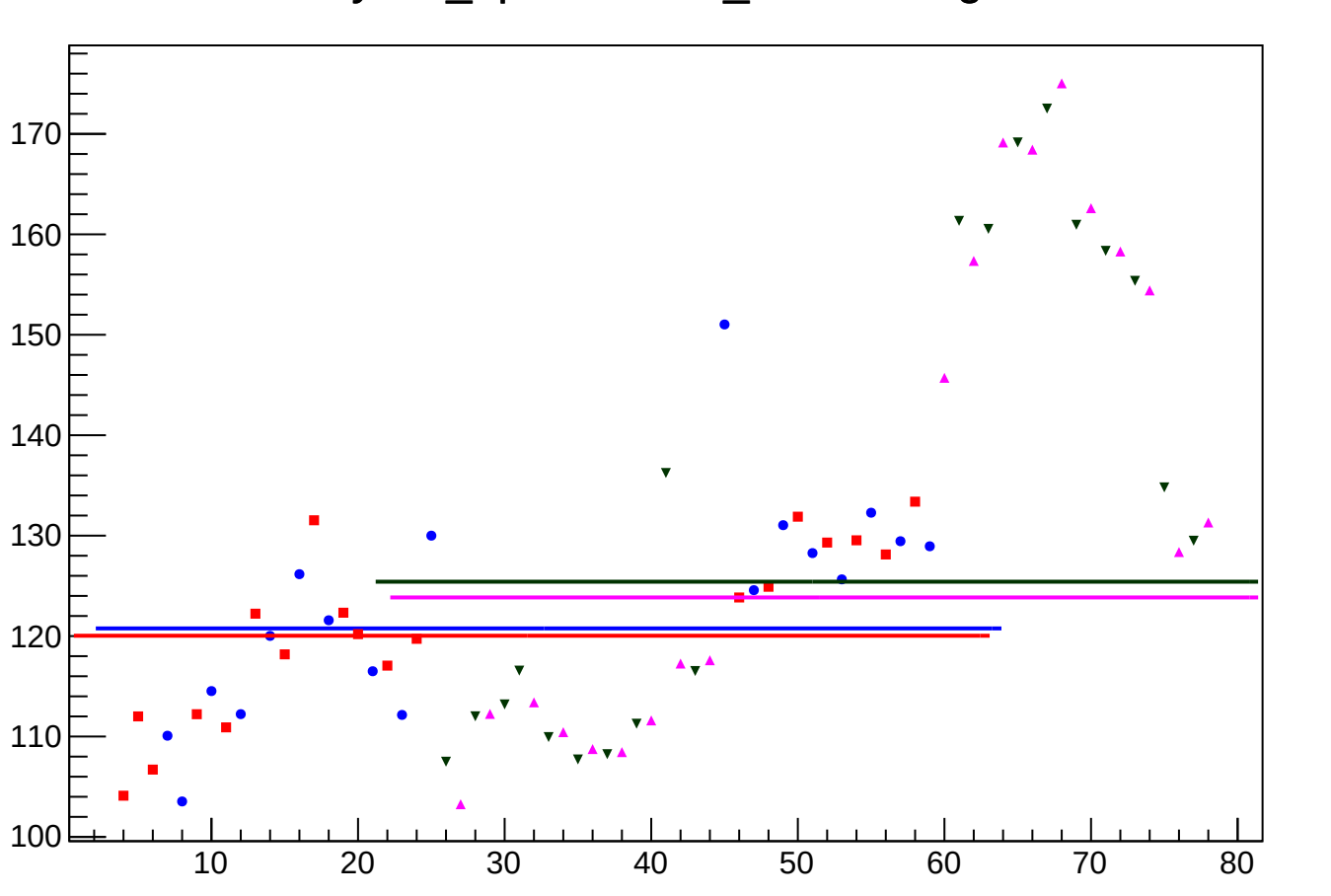
Left Out: 107143.667+/-0.041 χ^2/NDF:5906296215.1/18

Right Out: 107646.372+/-0.039 χ^2/NDF: 6547636060.9/18

Left In: 107499.401+/-0.039 χ^2/NDF:6820758701.3/18

107348.611+/-0.027 χ^2/NDF: 13496366952.9/3

107572.489+/-0.027 χ^2/NDF: 13375562099.9/3



Right In: 120.763+/-0.026 χ^2/NDF: 155732.1/17

Left Out: 125.415+/-0.029 χ^2/NDF:533235.3/18

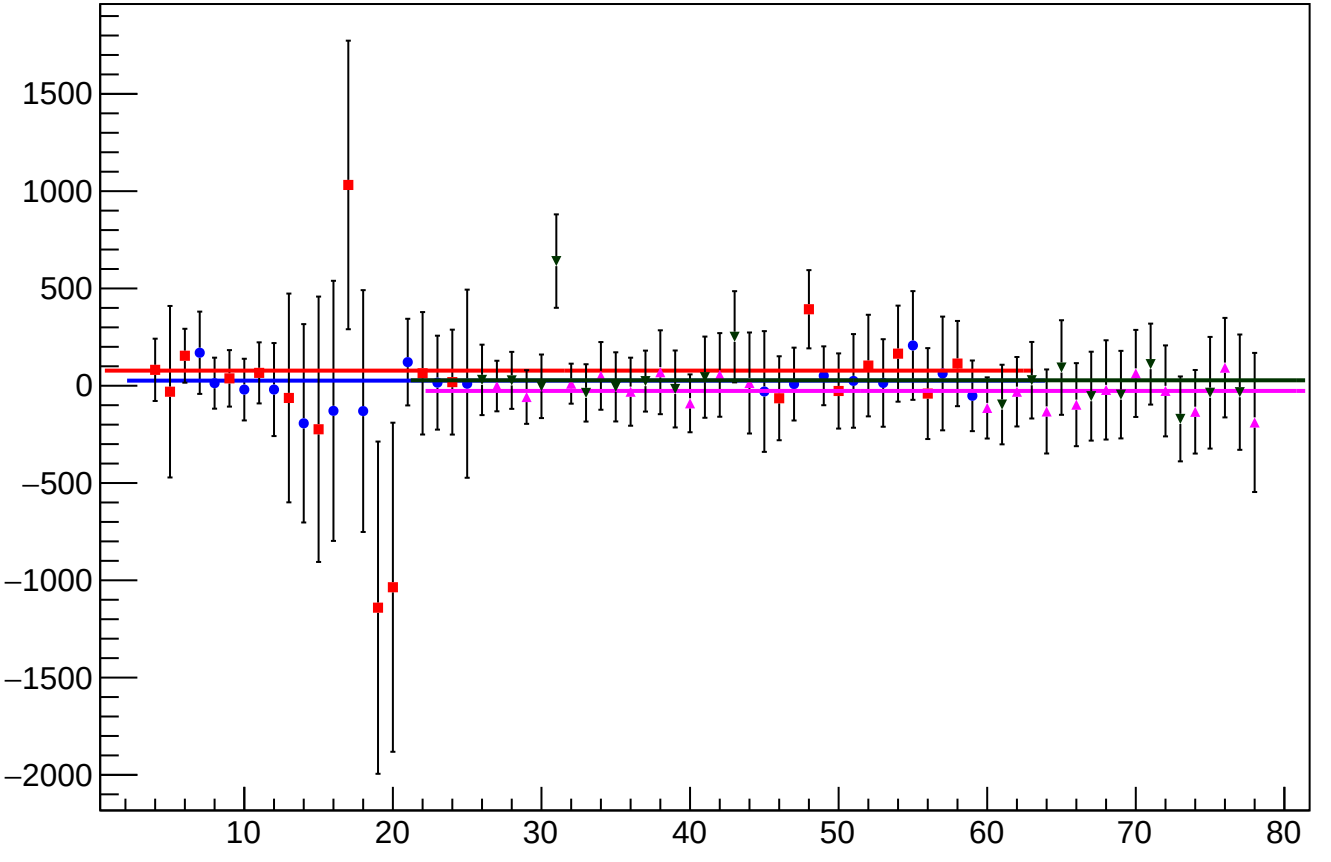
Right Out: 120.035+/-0.028 χ^2/NDF: 93920.3/18

Left In: 123.846+/-0.027 χ^2/NDF:610813.5/18

122.822+/-0.019 χ^2/NDF: 703274.6/36

121.951+/-0.019 χ^2/NDF: 714376.2/37

asym_bcm_an_ds_mean vs slug



Right In: 26.246+/-52.510 χ^2/NDF: 1.8/17

Left Out: 27.954+/-45.159 χ^2/NDF:9.5/18

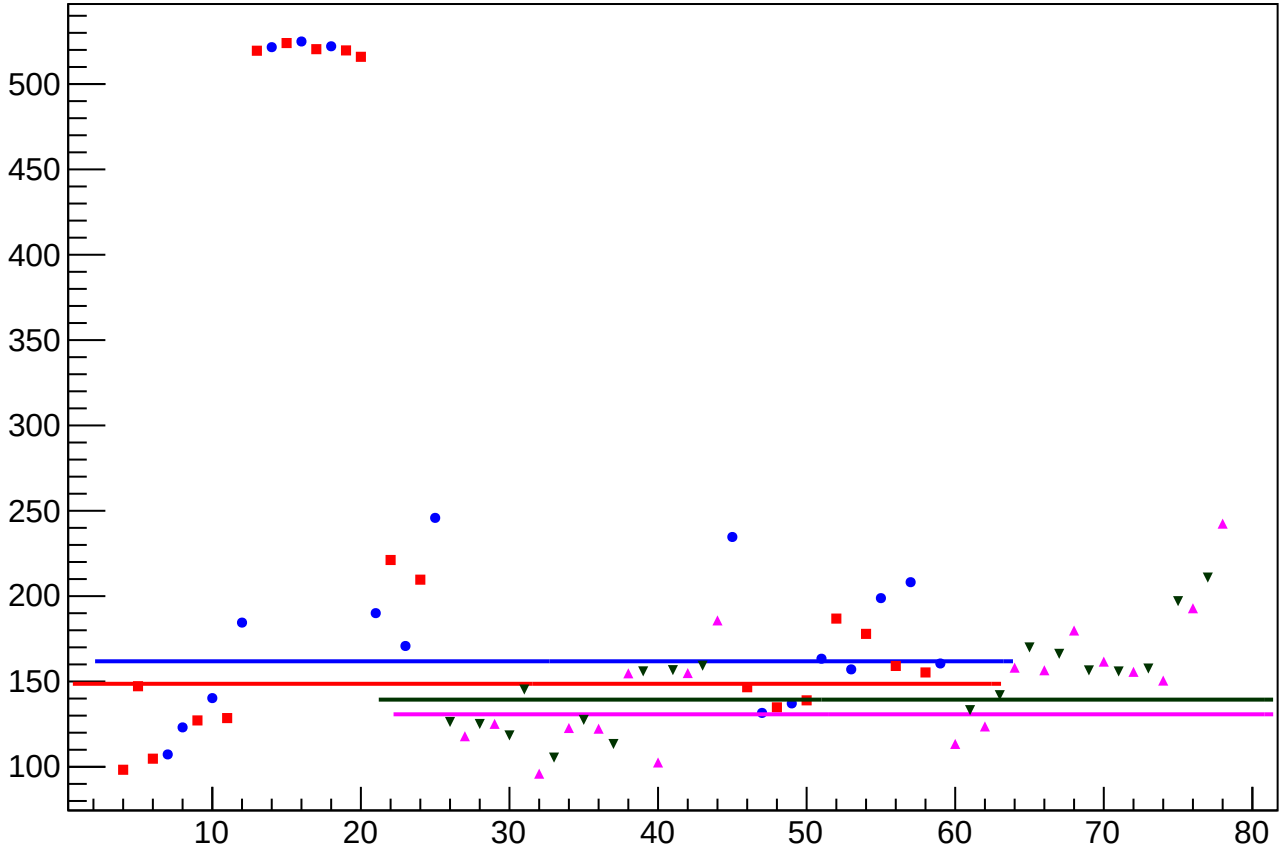
Right Out: 77.703+/-52.586 χ^2/NDF: 9.8/18

Left In: -26.680+/-41.203 χ^2/NDF:2.5/18

27.228+/-34.239 χ^2/NDF: 11.3/36

13.026+/-32.433 χ^2/NDF: 14.7/37

asym_bcm_an_ds_rms vs slug



Right In: 161.835+/-0.037 χ^2/NDF: 3018868.1/17

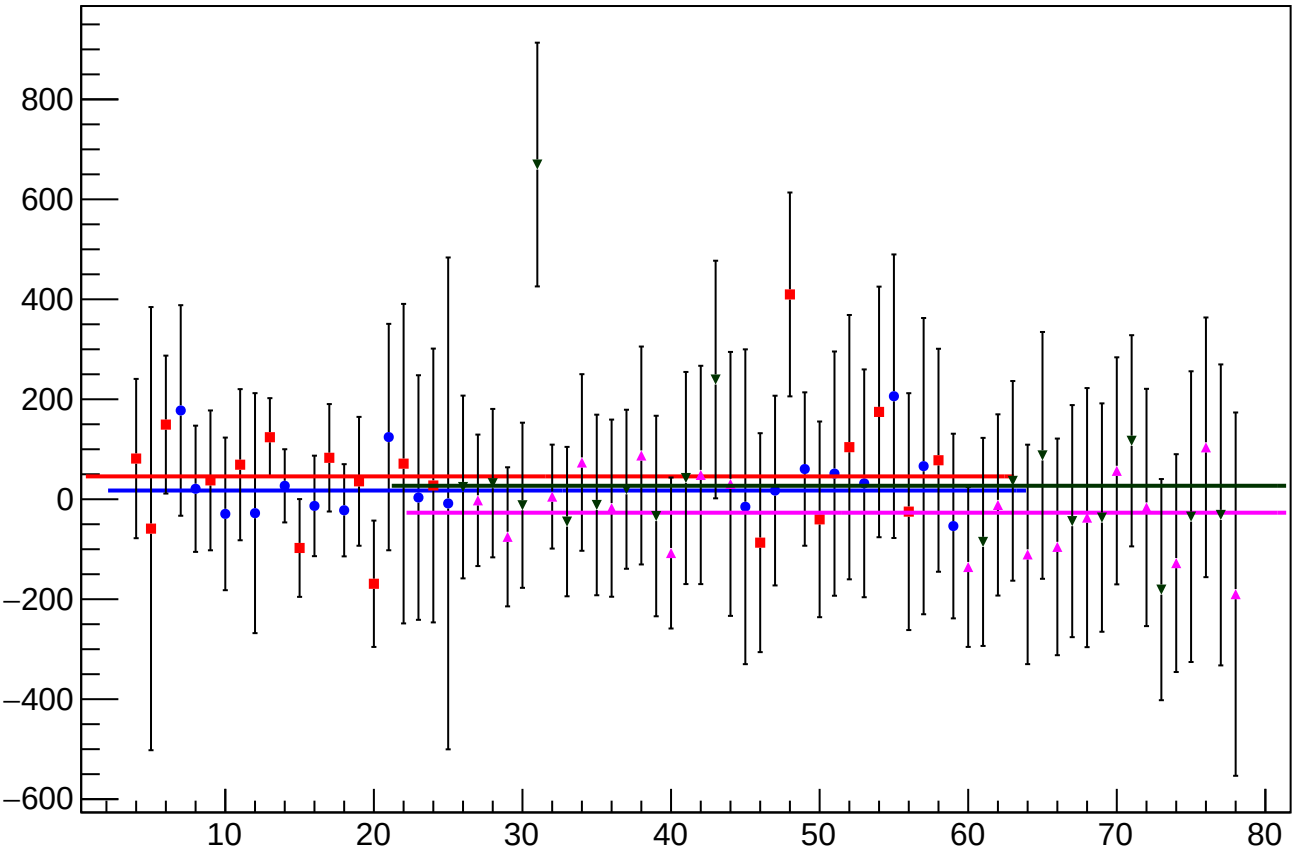
Left Out: 139.373+/-0.032 χ^2/NDF:572708.4/18

Right Out: 148.646+/-0.037 χ^2/NDF: 3594583.0/18

Left In: 130.775+/-0.029 χ^2/NDF:1026326.8/18

148.922+/-0.024 χ^2/NDF: 3801945.6/36

137.573+/-0.023 χ^2/NDF: 4764043.6/37



Right In: 17.458+/-36.313 χ^2/NDF: 2.0/17

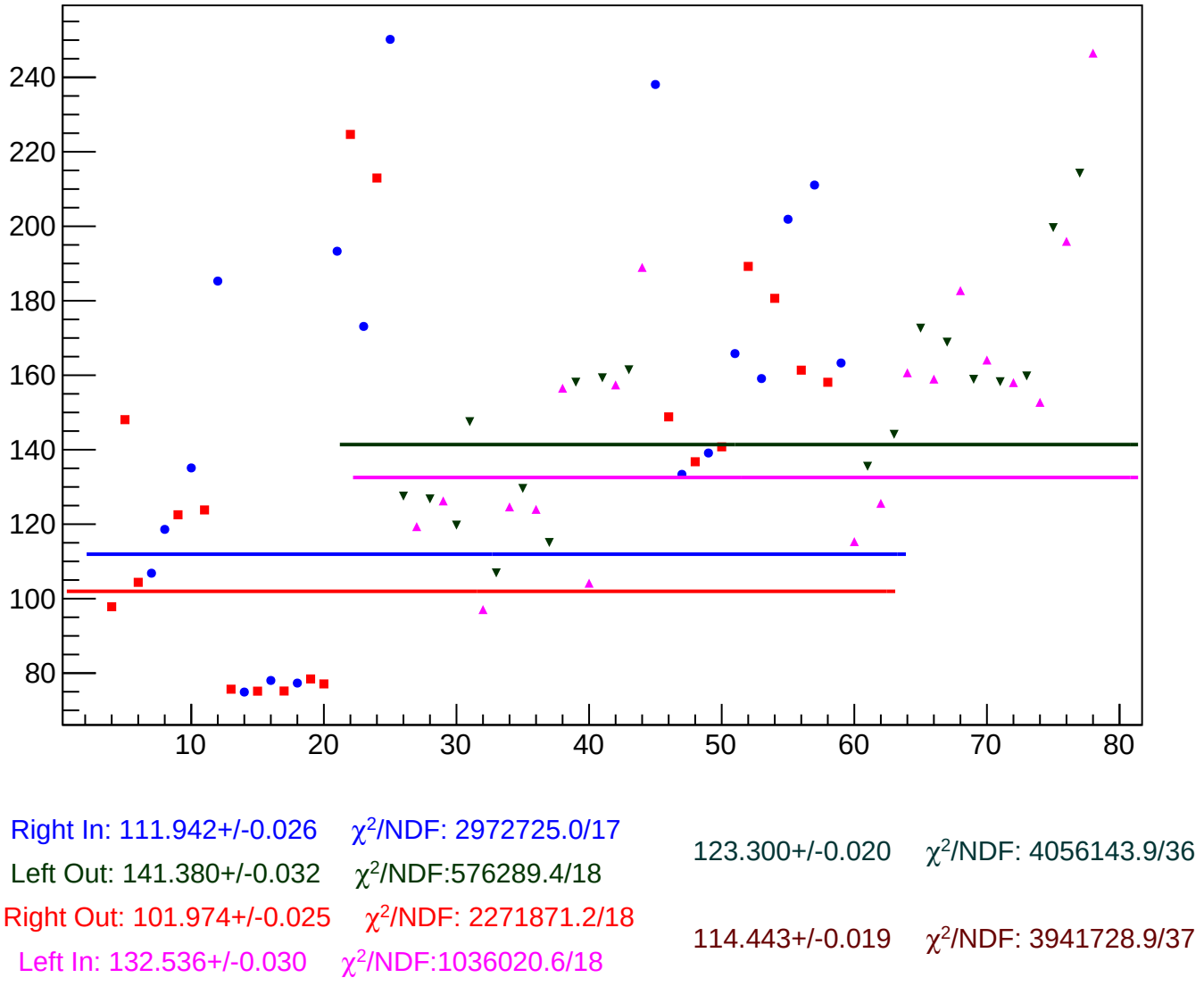
Left Out: 26.976+/-45.815 χ^2/NDF:9.8/18

Right Out: 45.735+/-34.677 χ^2/NDF: 11.0/18

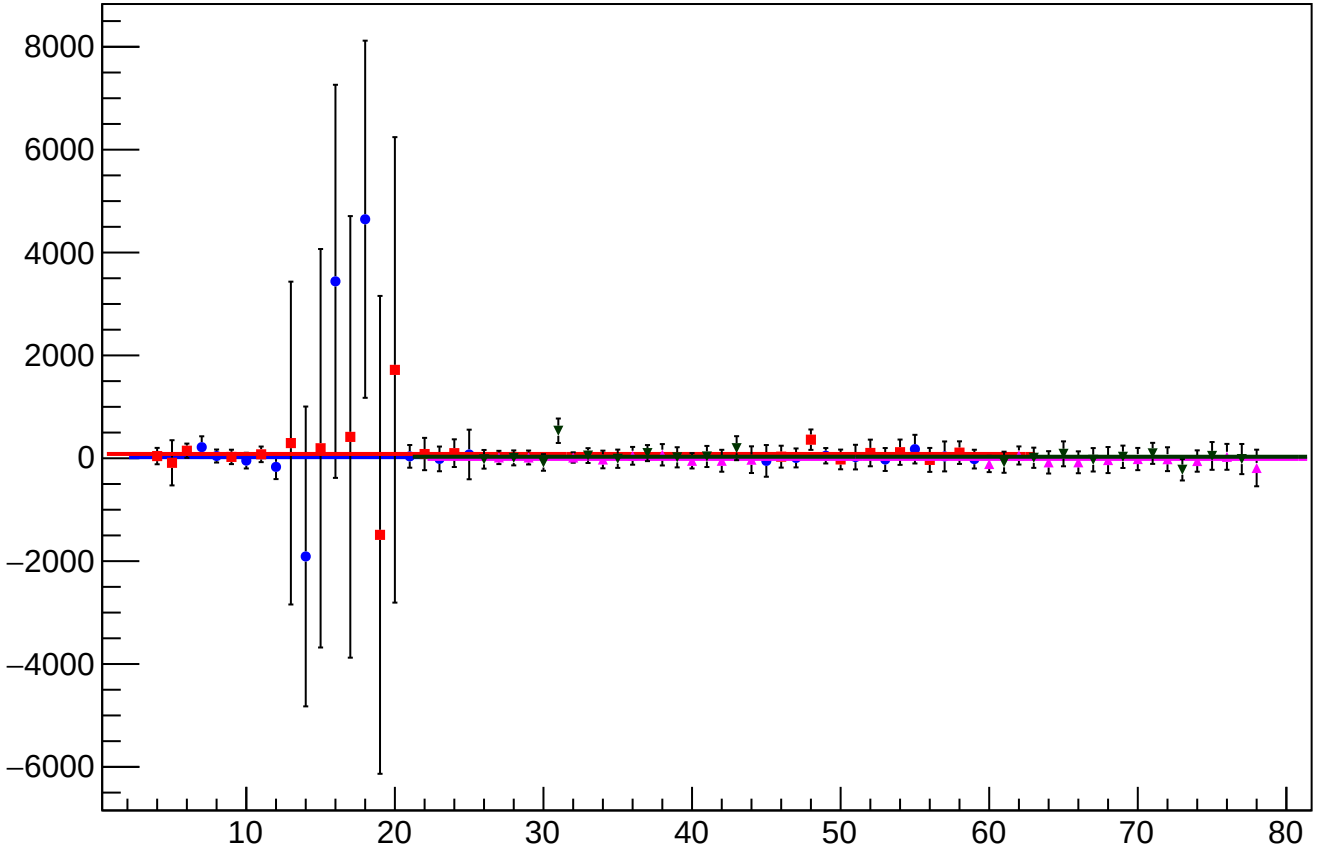
Left In: -26.937+/-41.772 χ^2/NDF:2.8/18

21.130+/-28.458 χ^2/NDF: 11.8/36

16.085+/-26.681 χ^2/NDF: 15.7/37


asym_bcm_an_ds3_rms vs slug
240
220
200
180
160
140
120
100
80
10
20
30
40
50
60
70
80
Right In: 111.942+/-0.026 χ²/NDF: 2972725.0/17
Left Out: 141.380+/-0.032 χ²/NDF:576289.4/18
Right Out: 101.974+/-0.025 χ²/NDF: 2271871.2/18
Left In: 132.536+/-0.030 χ²/NDF:1036020.6/18
123.300+/-0.020 χ²/NDF: 4056143.9/36
114.443+/-0.019 χ²/NDF: 3941728.9/37

asym_bcm_an_us_mean vs slug



Right In: 21.772+/-52.365 χ^2/NDF: 5.3/17

Left Out: 29.783+/-44.623 χ^2/NDF:7.9/18

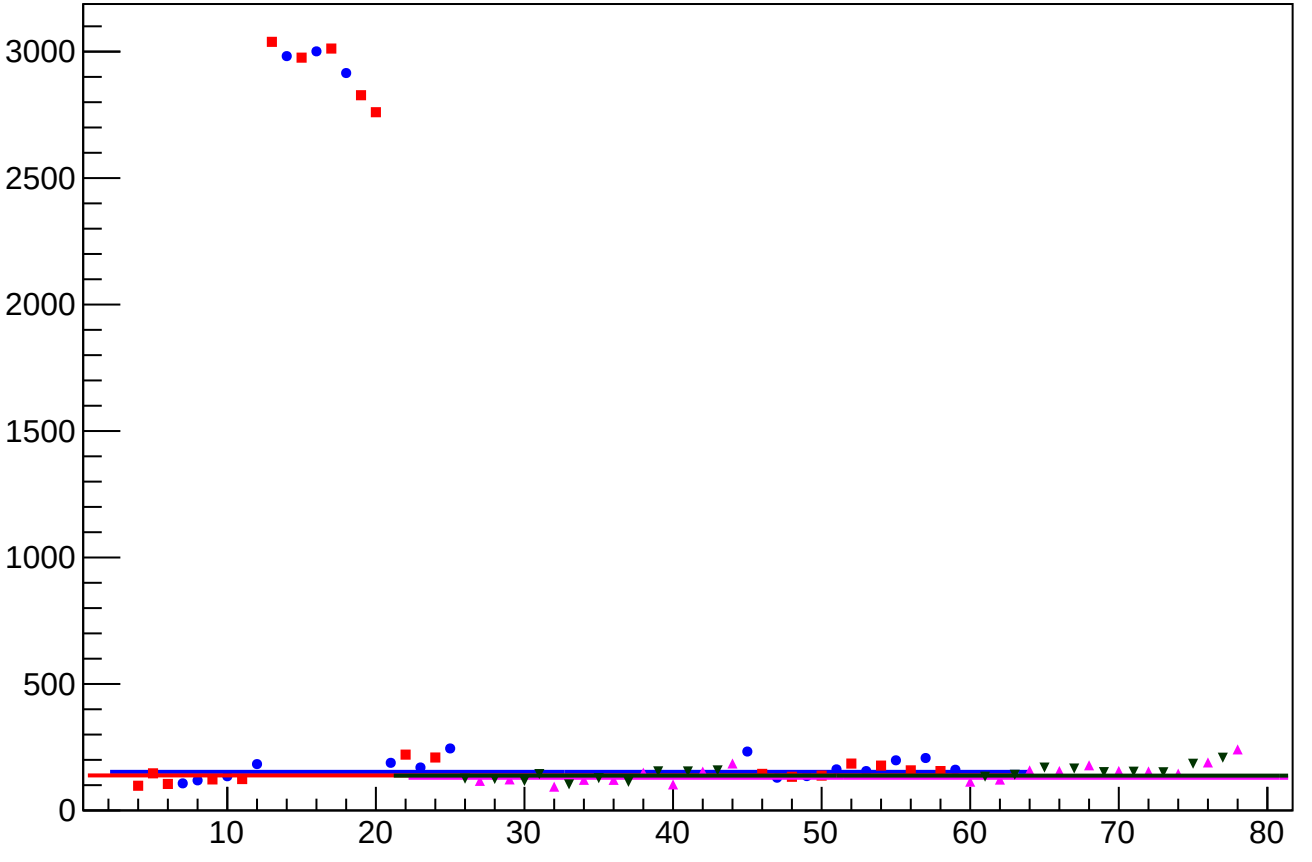
Right Out: 84.092+/-52.636 χ^2/NDF: 3.5/18

Left In: -12.550+/-40.698 χ^2/NDF:1.6/18

26.413+/-33.964 χ^2/NDF: 13.2/36

23.610+/-32.197 χ^2/NDF: 7.2/37

asym_bcm_an_us_rms vs slug



Right In: 152.628+/-0.037 χ^2/NDF: 5017627.8/17

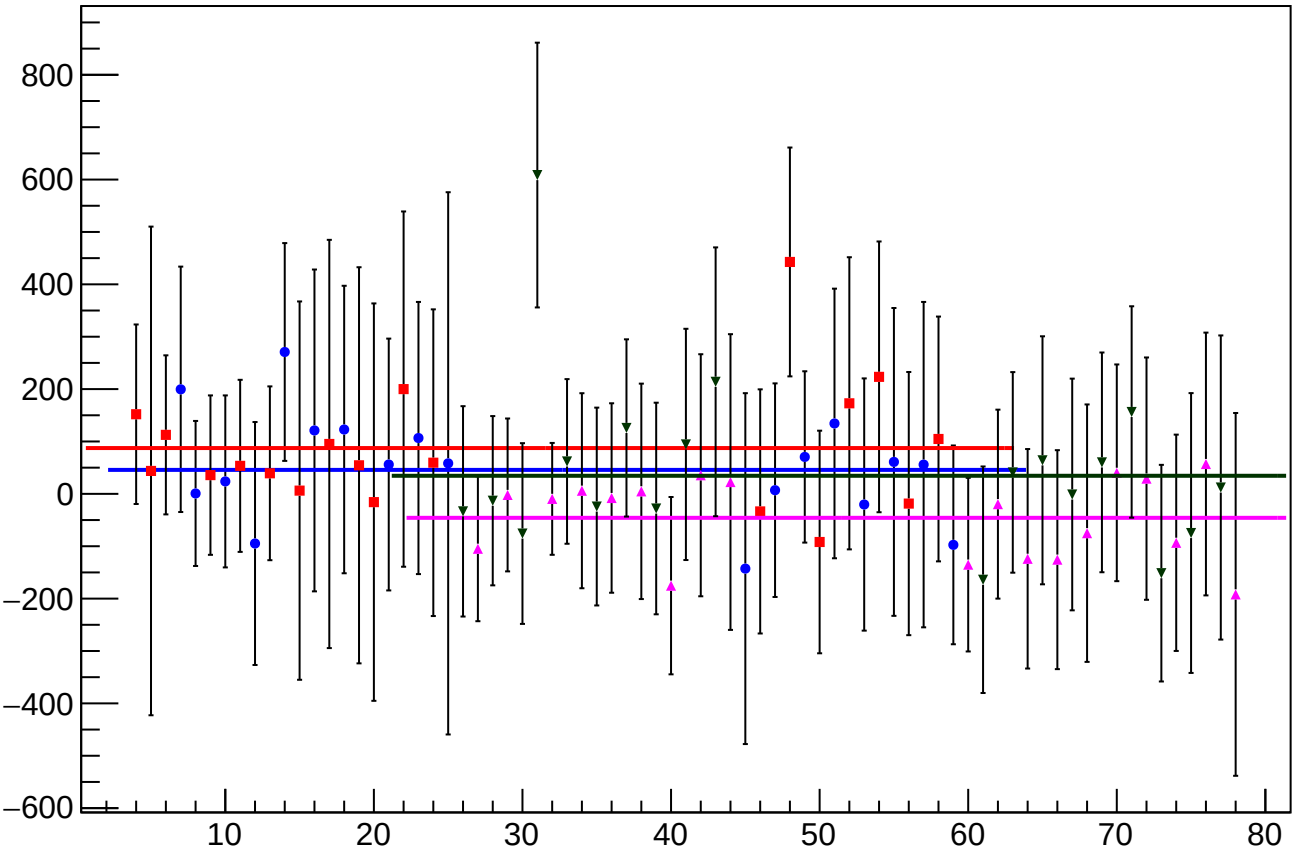
Left Out: 137.719+/-0.032 χ^2/NDF:548170.2/18

Right Out: 138.455+/-0.037 χ^2/NDF: 5734578.9/18

Left In: 129.167+/-0.029 χ^2/NDF:1026006.7/18

143.991+/-0.024 χ^2/NDF: 5659723.5/36

132.642+/-0.023 χ^2/NDF: 6799559.8/37



Right In: 45.739+/-52.604 χ^2/NDF: 3.4/17

Left Out: 34.515+/-46.648 χ^2/NDF:9.1/18

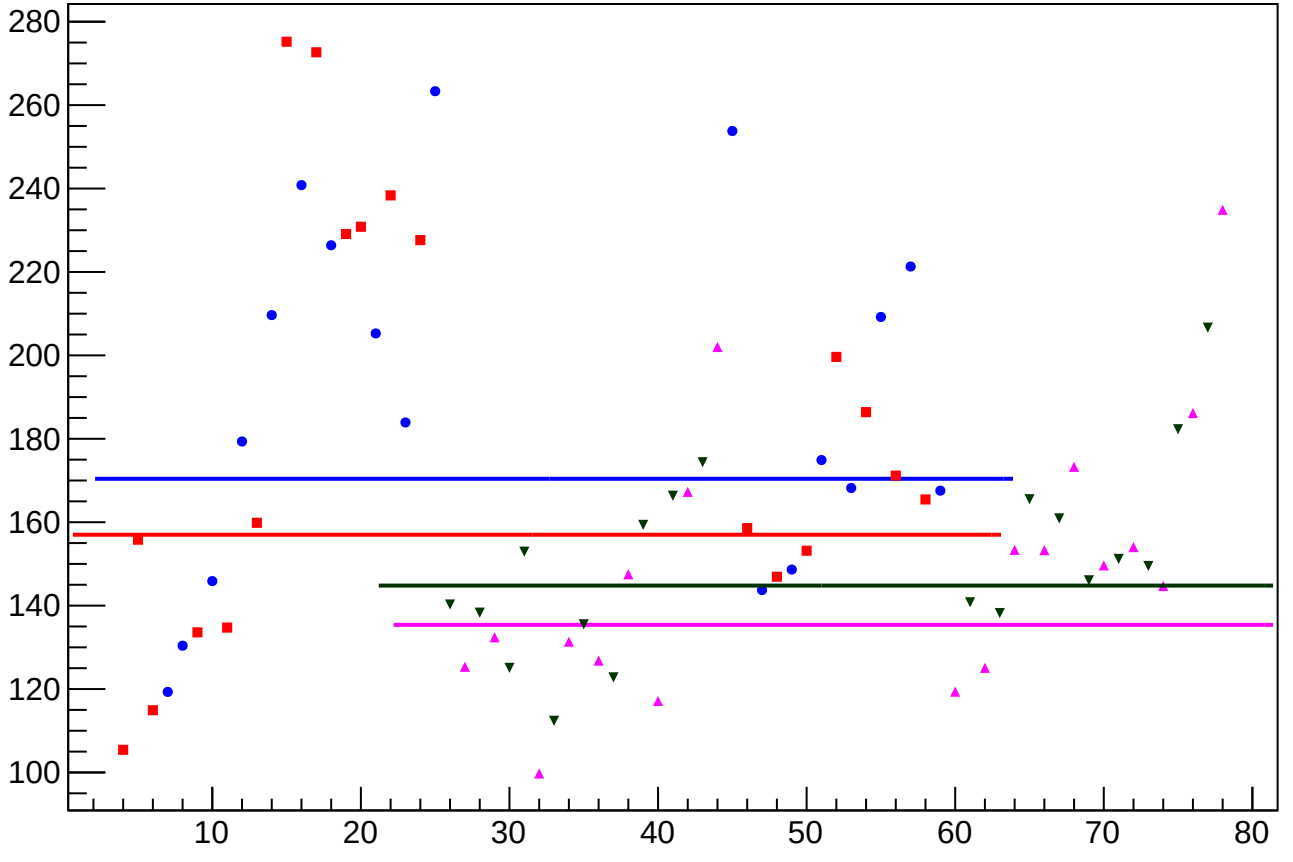
Right Out: 87.434+/-51.940 χ^2/NDF: 4.9/18

Left In: -45.759+/-42.438 χ^2/NDF:2.6/18

39.456+/-34.902 χ^2/NDF: 12.6/36

7.561+/-32.863 χ^2/NDF: 11.4/37

asym_bcm_dg_us_rms vs slug



Right In: 170.412+/-0.037 χ^2/NDF: 964671.4/17

Left Out: 144.804+/-0.033 χ^2/NDF:374373.2/18

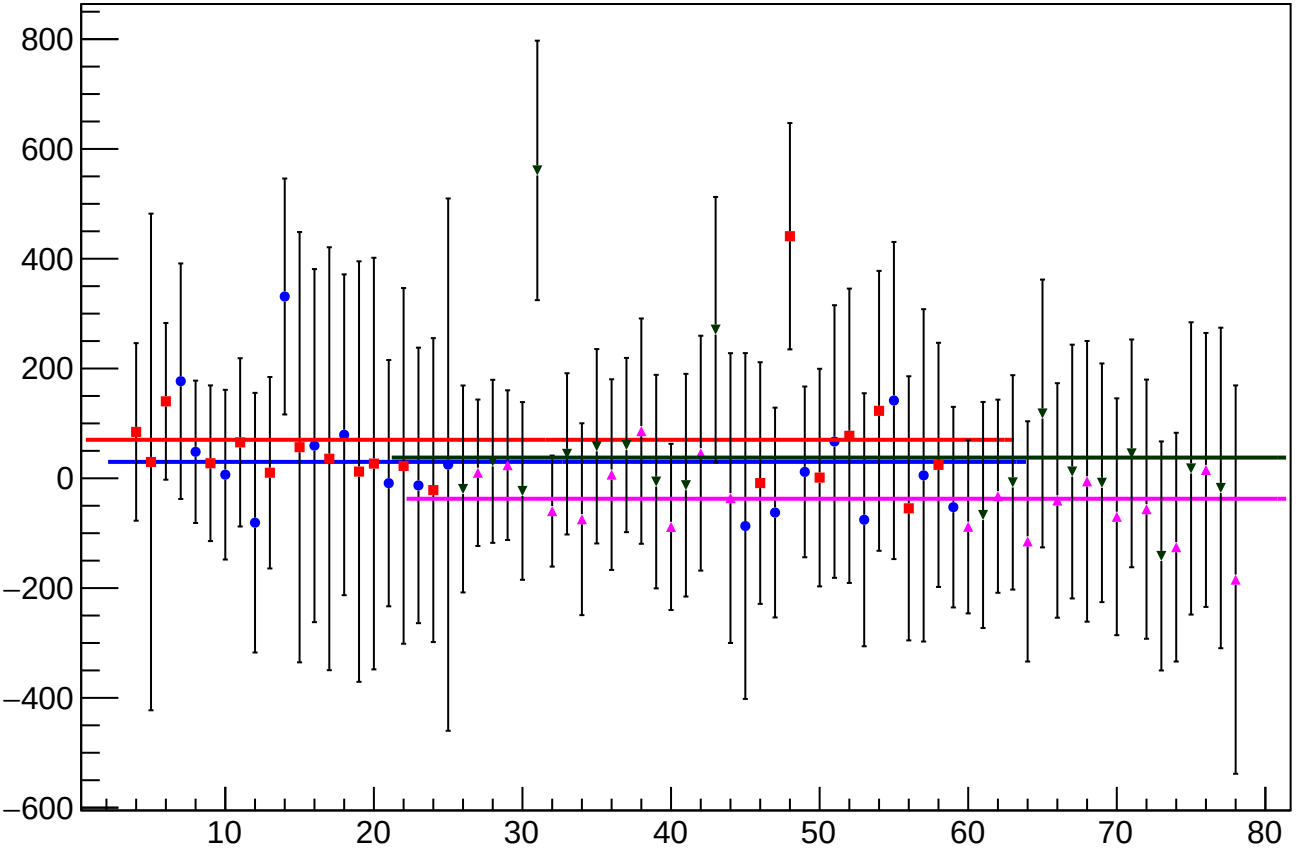
Right Out: 156.997+/-0.037 χ^2/NDF: 1276447.5/18

Left In: 135.387+/-0.030 χ^2/NDF:795027.8/18

156.077+/-0.025 χ^2/NDF: 1604359.5/36

144.038+/-0.023 χ^2/NDF: 2279087.7/37

asym_bcm_dg_ds_mean vs slug



Right In: 29.919+/-50.591 χ^2/NDF: 3.8/17

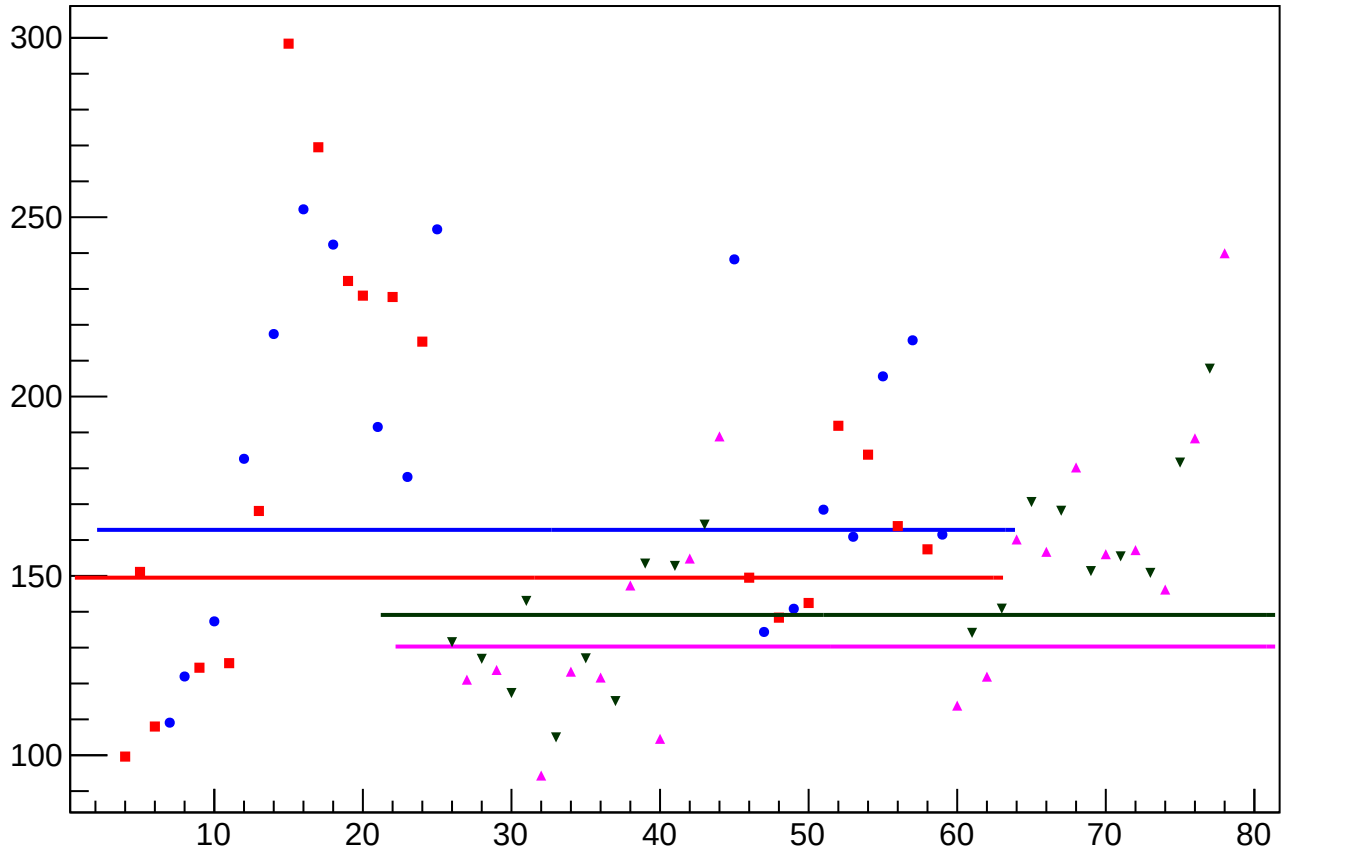
Left Out: 37.748+/-44.998 χ^2/NDF:7.5/18

Right Out: 70.155+/-49.782 χ^2/NDF: 4.5/18

Left In: -37.255+/-41.019 χ^2/NDF:1.8/18

34.290+/-33.623 χ^2/NDF: 11.3/36

6.180+/-31.657 χ^2/NDF: 9.0/37



Right In: 162.833+/-0.036 χ^2/NDF: 1229021.5/17

Left Out: 139.118+/-0.032 χ^2/NDF:511096.3/18

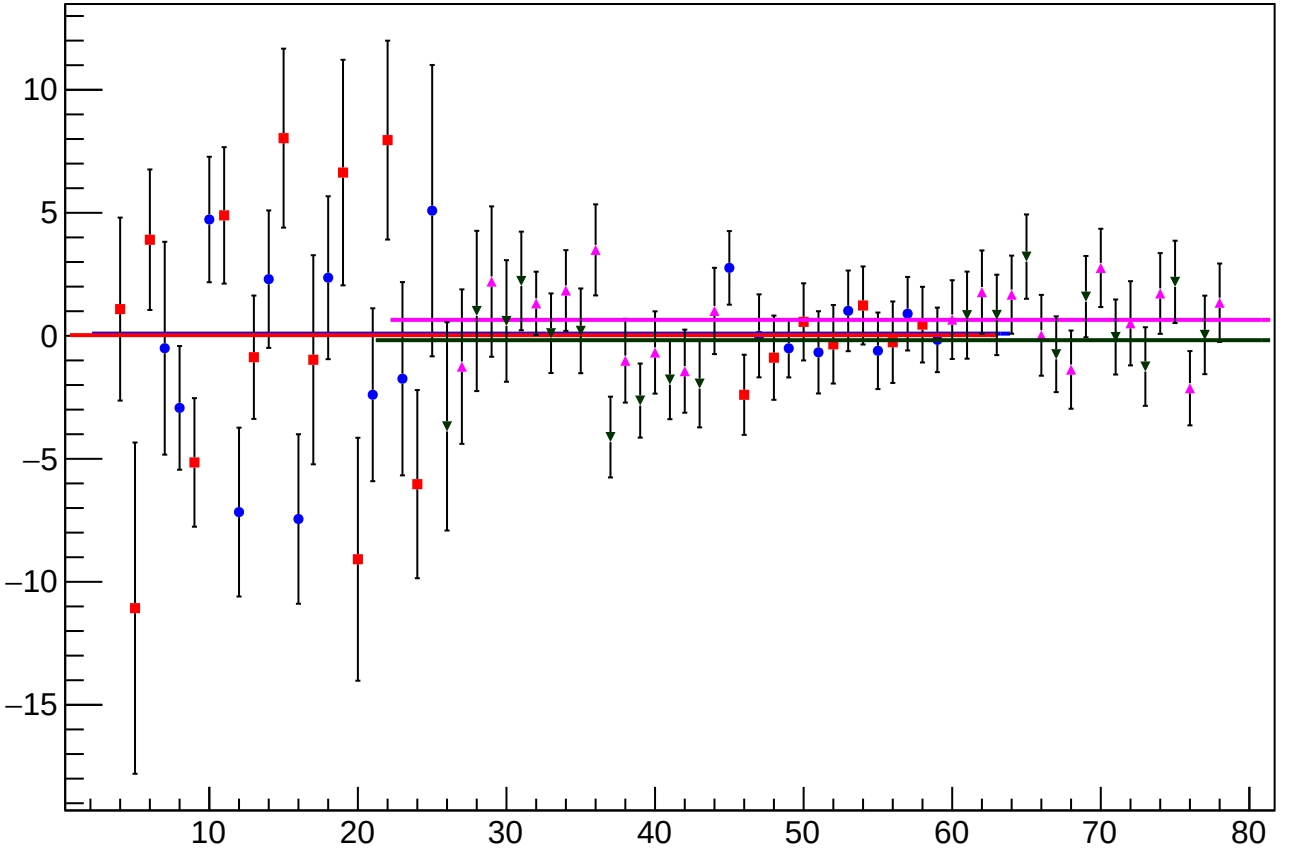
Right Out: 149.507+/-0.035 χ^2/NDF: 1490705.1/18

Left In: 130.304+/-0.029 χ^2/NDF:1008580.0/18

149.593+/-0.024 χ^2/NDF: 1985475.2/36

138.069+/-0.022 χ^2/NDF: 2676530.6/37

asym_cav4bQ_mean vs slug



Right In: 0.089+/-0.466 χ^2/NDF: 21.1/17

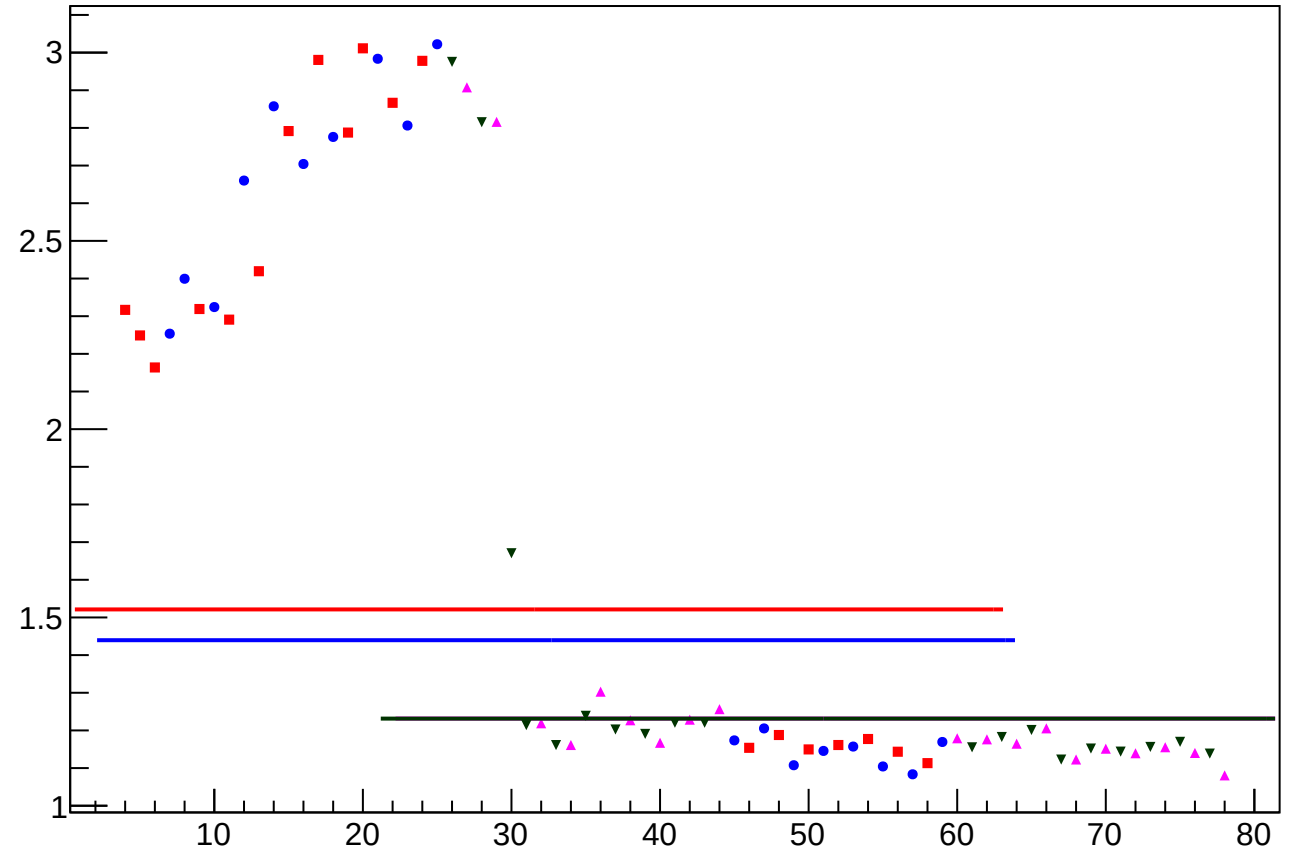
Left Out: -0.178+/-0.402 χ^2/NDF:21.2/18

Right Out: 0.028+/-0.520 χ^2/NDF: 31.9/18

Left In: 0.648+/-0.386 χ^2/NDF:15.3/18

-0.064+/-0.304 χ^2/NDF: 42.5/36

0.427+/-0.310 χ^2/NDF: 48.1/37



Right In: 1.440+/-0.000 χ^2/NDF: 3409388.4/17

Left Out: 1.231+/-0.000 χ^2/NDF:922912.8/18

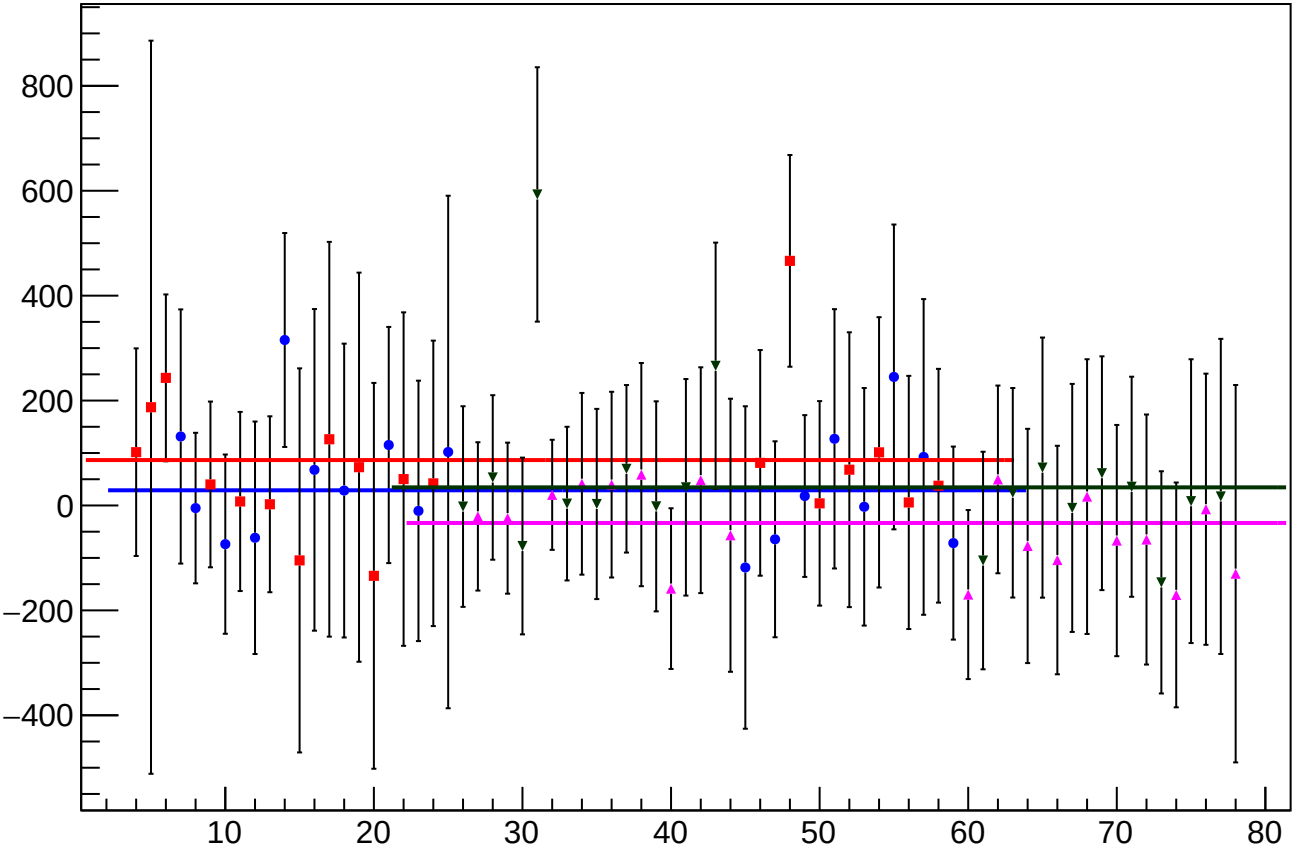
Right Out: 1.521+/-0.000 χ^2/NDF: 2870549.2/18

Left In: 1.231+/-0.000 χ^2/NDF:1175871.4/18

1.320+/-0.000 χ^2/NDF: 4561402.8/36

1.335+/-0.000 χ^2/NDF: 4447120.4/37

asym_cav4cQ_mean vs slug



Right In: 28.930+/-51.478 χ^2/NDF: 4.5/17

Left Out: 34.513+/-45.866 χ^2/NDF:8.2/18

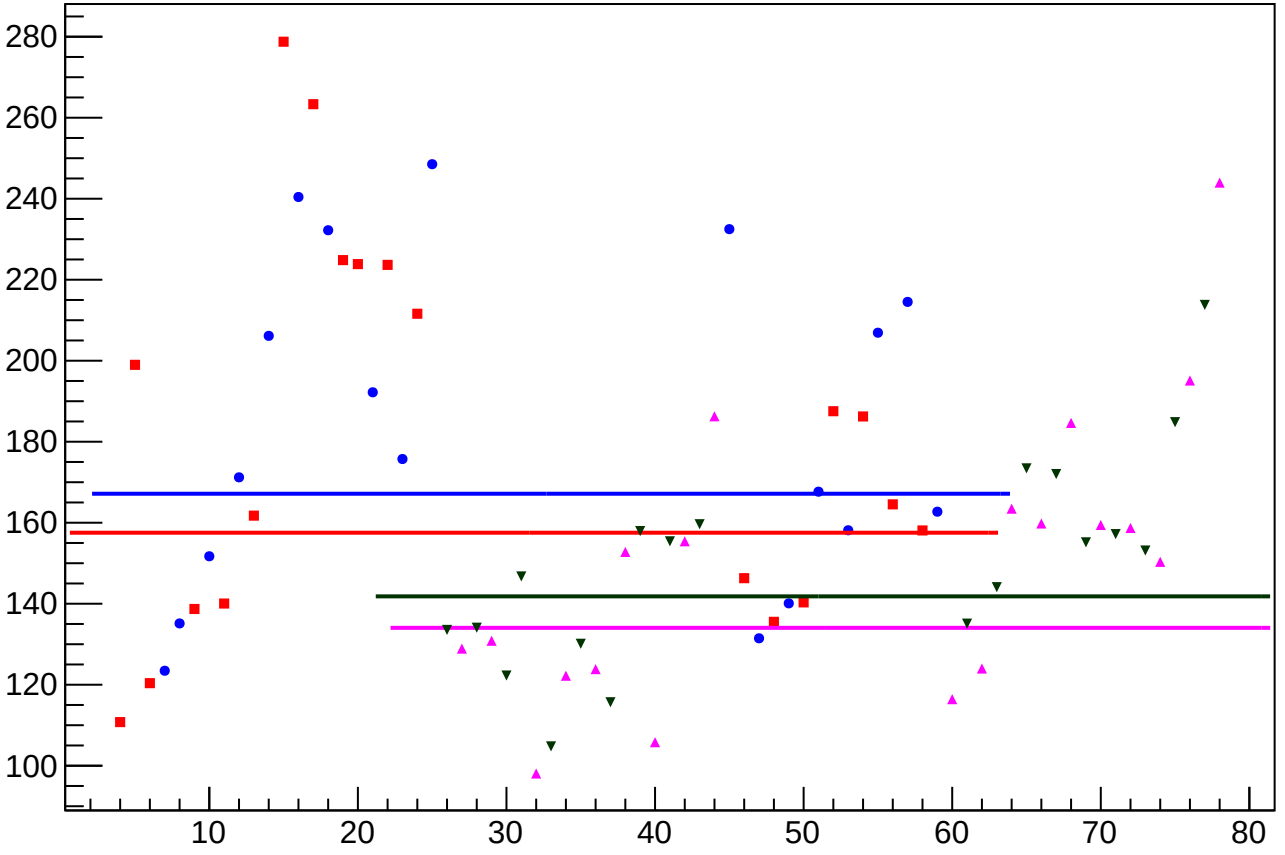
Right Out: 86.558+/-52.059 χ^2/NDF: 6.1/18

Left In: -33.382+/-42.127 χ^2/NDF:3.3/18

32.042+/-34.245 χ^2/NDF: 12.7/36

14.079+/-32.748 χ^2/NDF: 12.6/37

asym_cav4cQ_rms vs slug



Right In: 167.159+/-0.036 χ^2/NDF: 875808.6/17

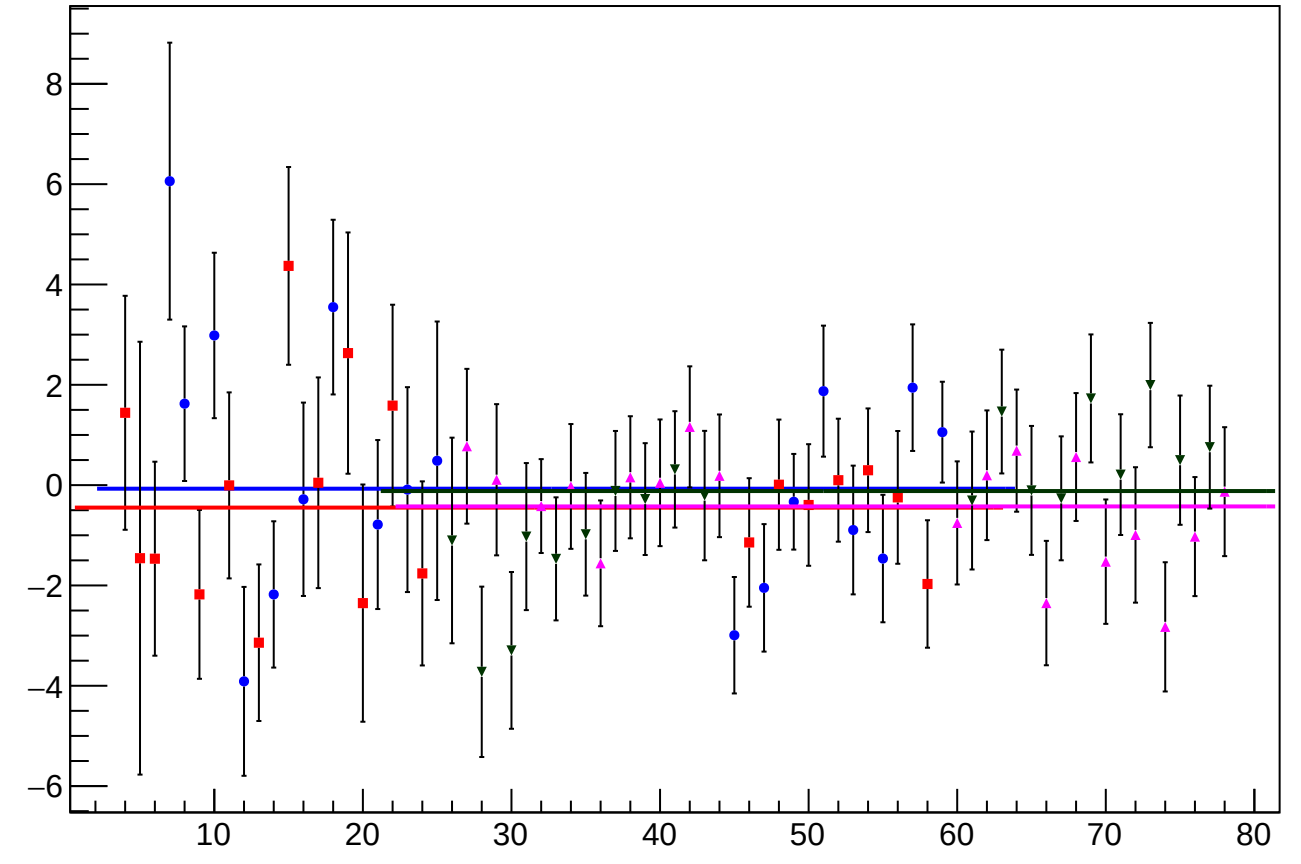
Left Out: 141.818+/-0.032 χ^2/NDF:515777.9/18

Right Out: 157.534+/-0.037 χ^2/NDF: 1049684.2/18

Left In: 134.046+/-0.030 χ^2/NDF:963790.4/18

153.032+/-0.024 χ^2/NDF: 1661760.8/36

143.341+/-0.023 χ^2/NDF: 2259501.4/37



Right In: -0.071+/-0.335 χ^2/NDF: 36.8/17

Left Out: -0.118+/-0.297 χ^2/NDF:18.6/18

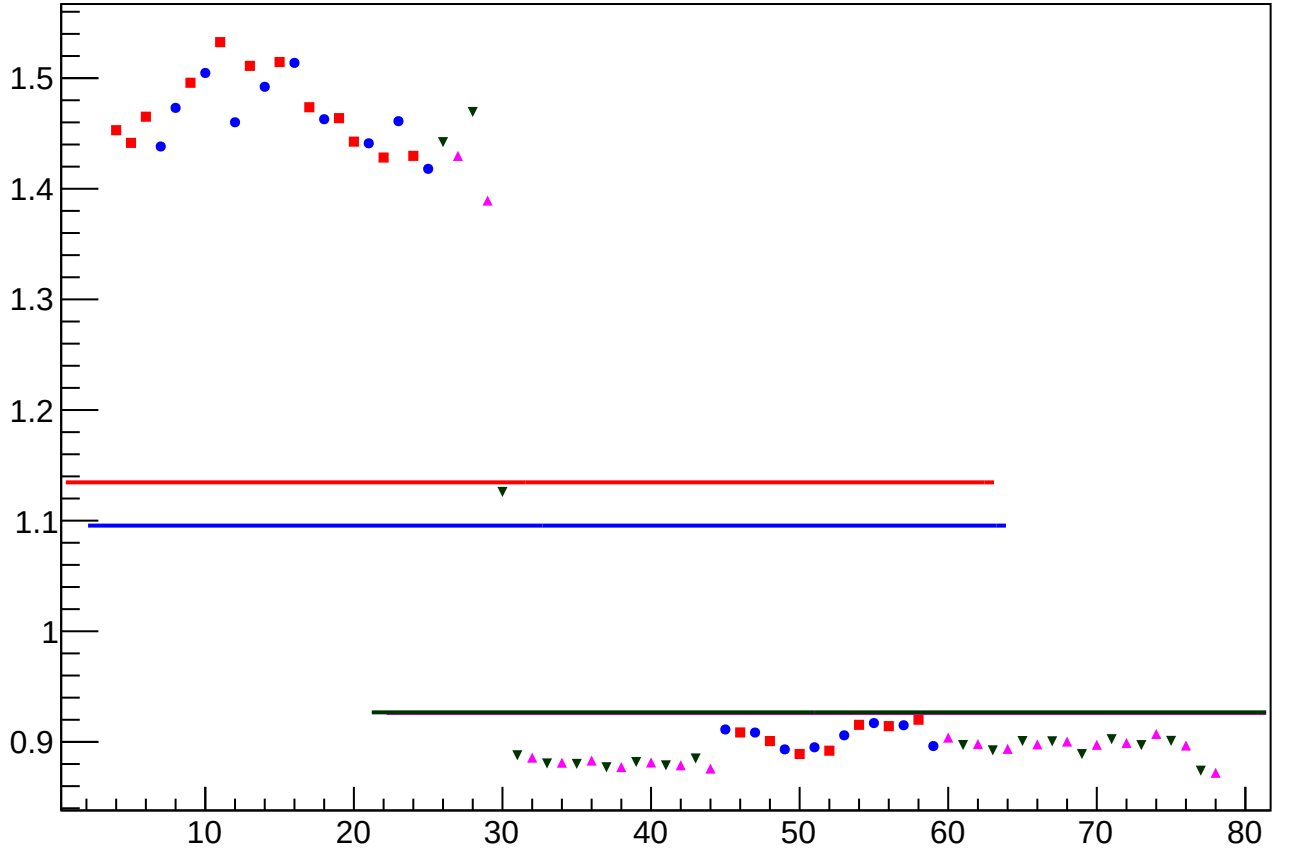
Right Out: -0.448+/-0.369 χ^2/NDF: 17.4/18

Left In: -0.425+/-0.286 χ^2/NDF:12.9/18

-0.097+/-0.223 χ^2/NDF: 55.5/36

-0.433+/-0.226 χ^2/NDF: 30.3/37

asym_cav4dQ_rms vs slug



Right In: 1.096+/-0.000 χ^2/NDF: 1288766.9/17

Left Out: 0.927+/-0.000 χ^2/NDF:394921.9/18

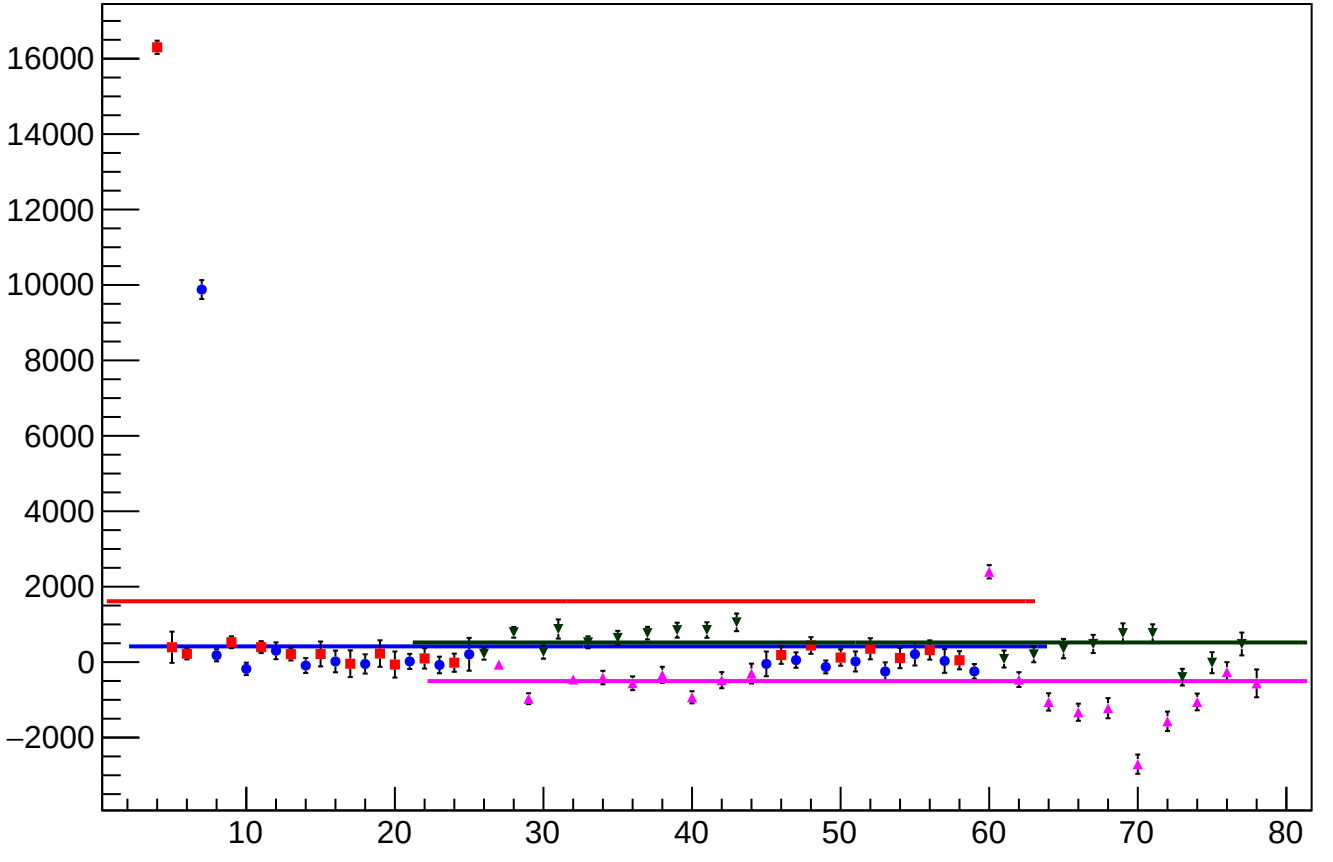
Right Out: 1.135+/-0.000 χ^2/NDF: 1161881.6/18

Left In: 0.926+/-0.000 χ^2/NDF:434755.4/18

1.001+/-0.000 χ^2/NDF: 1967280.2/36

1.004+/-0.000 χ^2/NDF: 1995775.5/37

asym_bcm0l02_mean vs slug



Right In: 417.186+/-52.636 χ^2/NDF: 1507.9/17

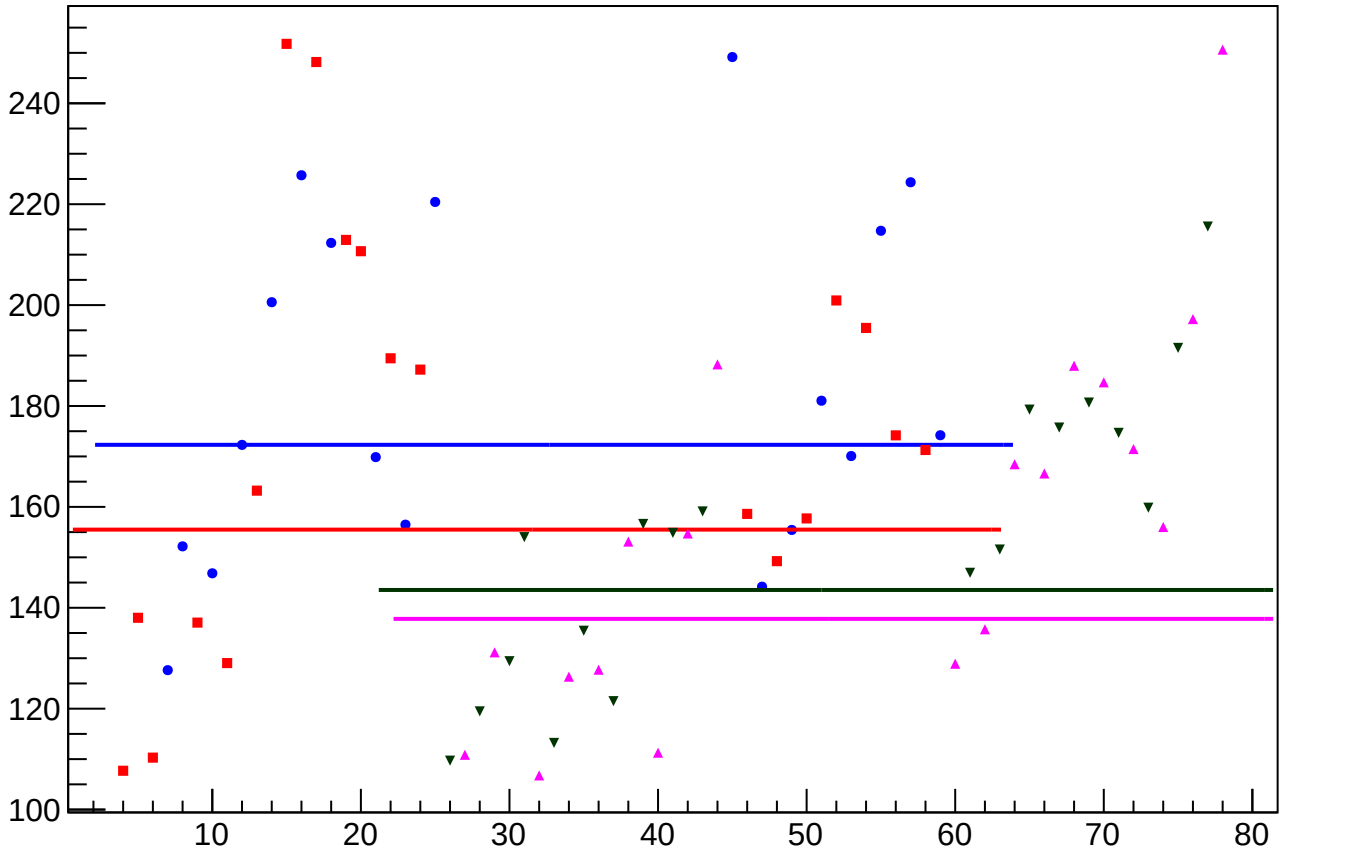
Left Out: 521.040+/-46.589 χ^2/NDF:53.8/18

Right Out: 1614.499+/-51.138 χ^2/NDF: 7665.3/18

Left In: -502.703+/-43.256 χ^2/NDF:422.4/18

475.419+/-34.886 χ^2/NDF: 1564.0/36

380.324+/-33.026 χ^2/NDF: 9086.9/37



Right In: 172.303+/-0.037 χ^2/NDF: 600813.3/17

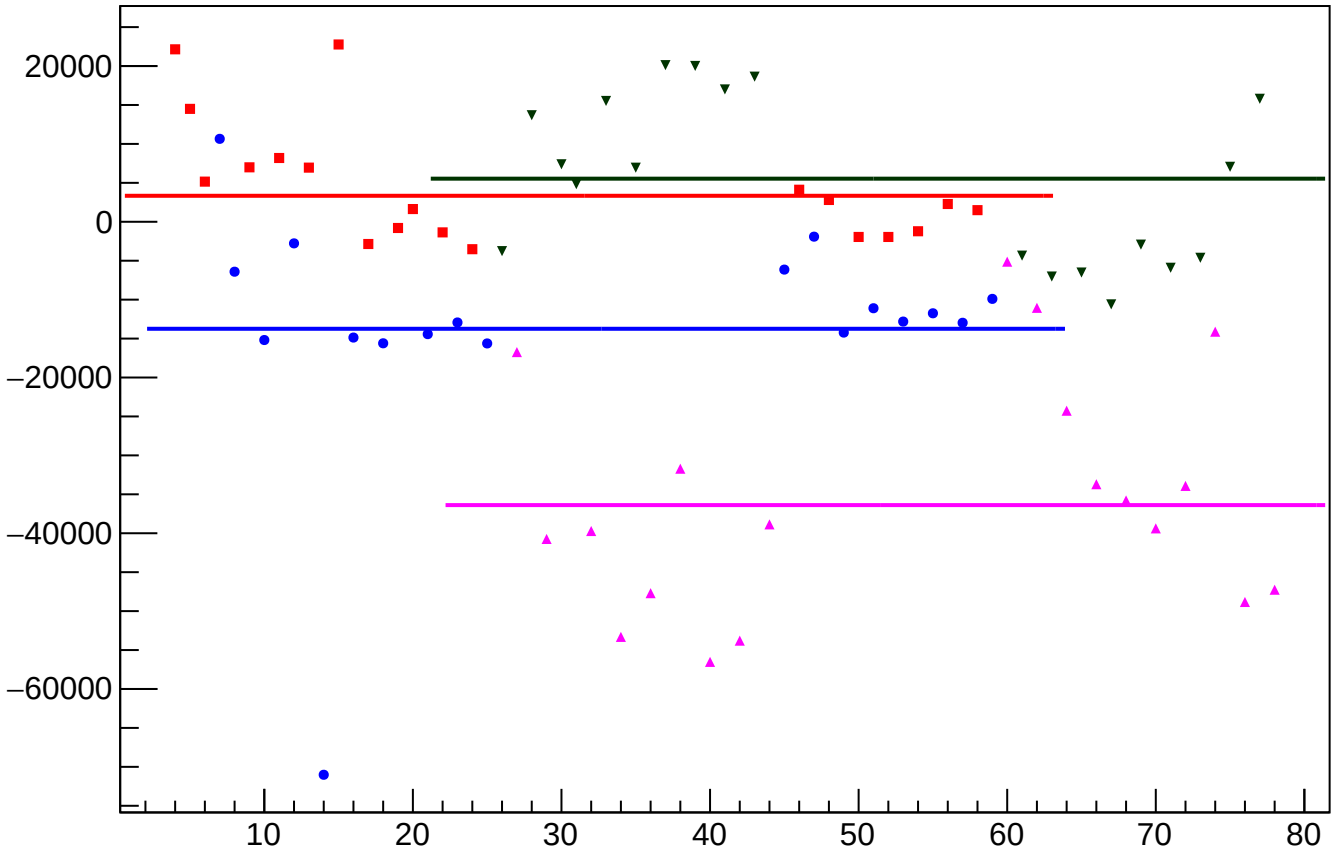
Left Out: 143.532+/-0.033 χ^2/NDF:640040.1/18

Right Out: 155.494+/-0.036 χ^2/NDF: 1018742.9/18

Left In: 137.799+/-0.031 χ^2/NDF:965474.2/18

156.171+/-0.025 χ^2/NDF: 1575926.6/36

145.179+/-0.023 χ^2/NDF: 2123800.9/37



Right In: -13741.376+/-32.053 χ^2/NDF: 222194.3/17

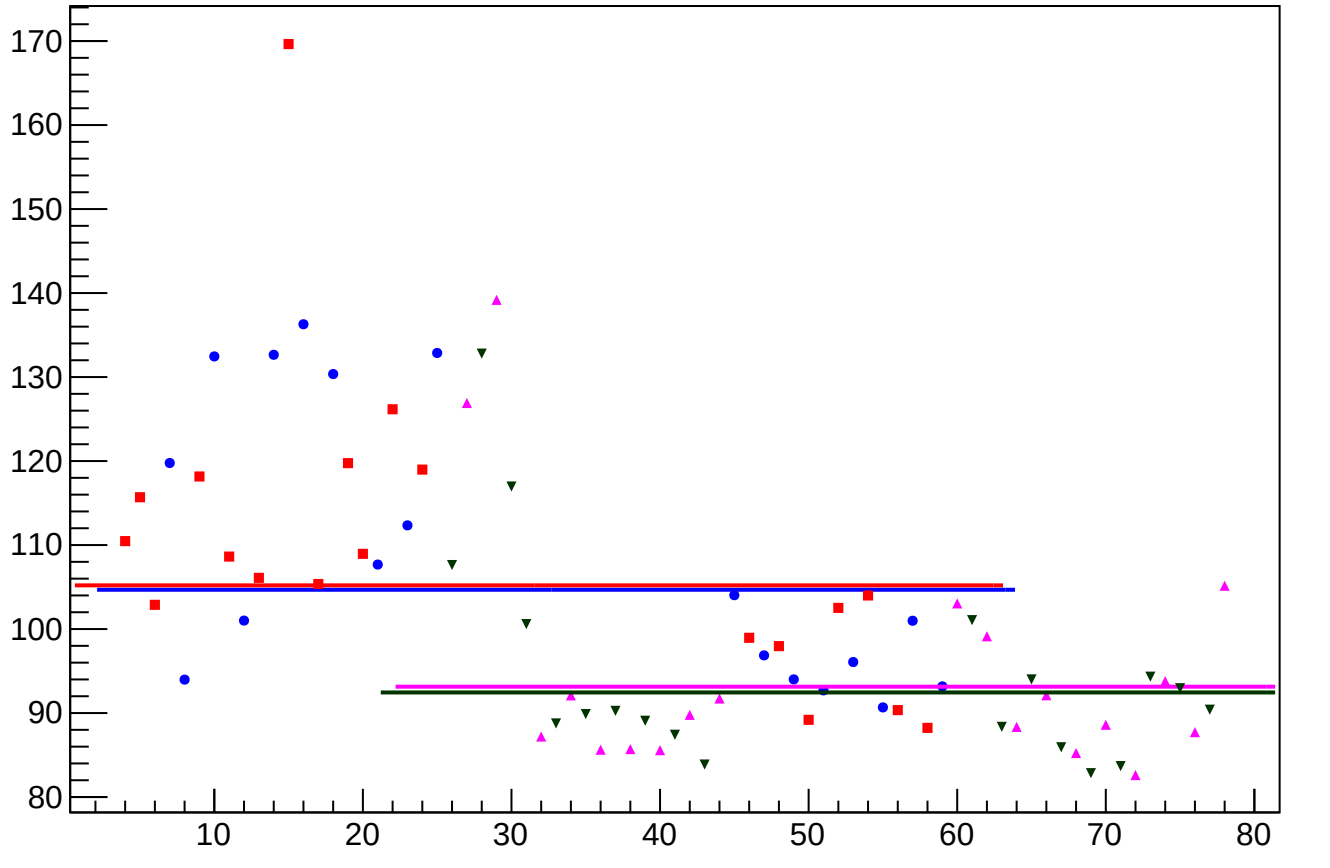
Left Out: 5536.966+/-30.055 χ^2/NDF:131405.9/18

Right Out: 3338.926+/-34.258 χ^2/NDF: 31361.1/18

Left In: -36385.332+/-29.168 χ^2/NDF:225384.4/18

-3482.671+/-21.924 χ^2/NDF: 546100.5/36

-19690.158+/-22.209 χ^2/NDF: 1036253.0/37



Right In: 104.677+/-0.023 χ^2/NDF: 431749.6/17

Left Out: 92.450+/-0.021 χ^2/NDF:250807.7/18

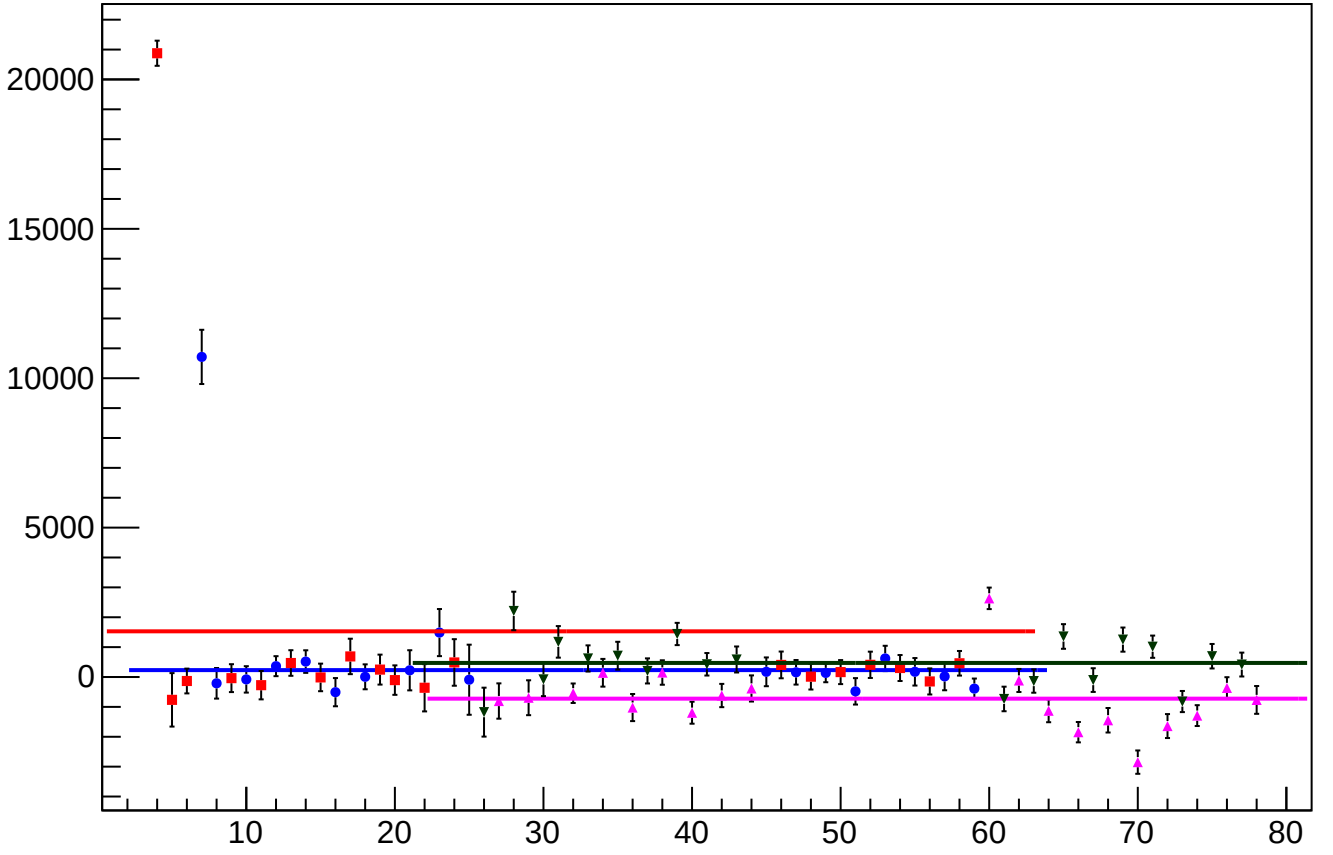
Right Out: 105.200+/-0.024 χ^2/NDF: 336723.5/18

Left In: 93.139+/-0.021 χ^2/NDF:375668.6/18

98.171+/-0.016 χ^2/NDF: 837410.9/36

98.208+/-0.016 χ^2/NDF: 856121.5/37

asym_bpm0i07WS_mean vs slug



Right In: 230.965+/-105.235 χ^2/NDF: 148.0/17

Left Out: 471.133+/-98.068 χ^2/NDF:59.0/18

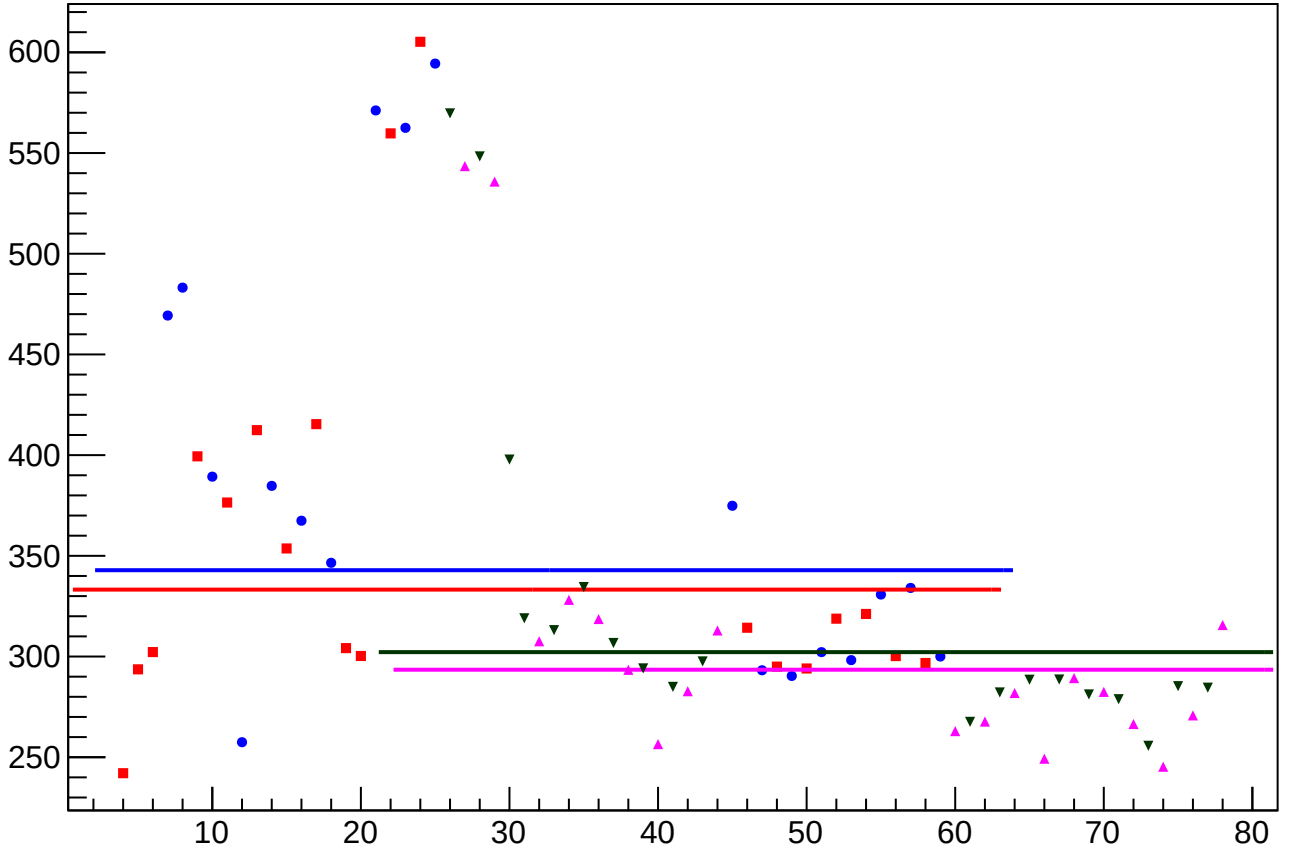
Right Out: 1529.045+/-108.949 χ^2/NDF: 2274.0/18

Left In: -724.435+/-91.663 χ^2/NDF:154.2/18

359.506+/-71.745 χ^2/NDF: 209.7/36

209.567+/-70.141 χ^2/NDF: 2678.7/37

asym_bpm0i07WS_rms vs slug



Right In: 342.865+/-0.074 χ^2/NDF: 1018623.1/17

Left Out: 302.185+/-0.069 χ^2/NDF:661496.9/18

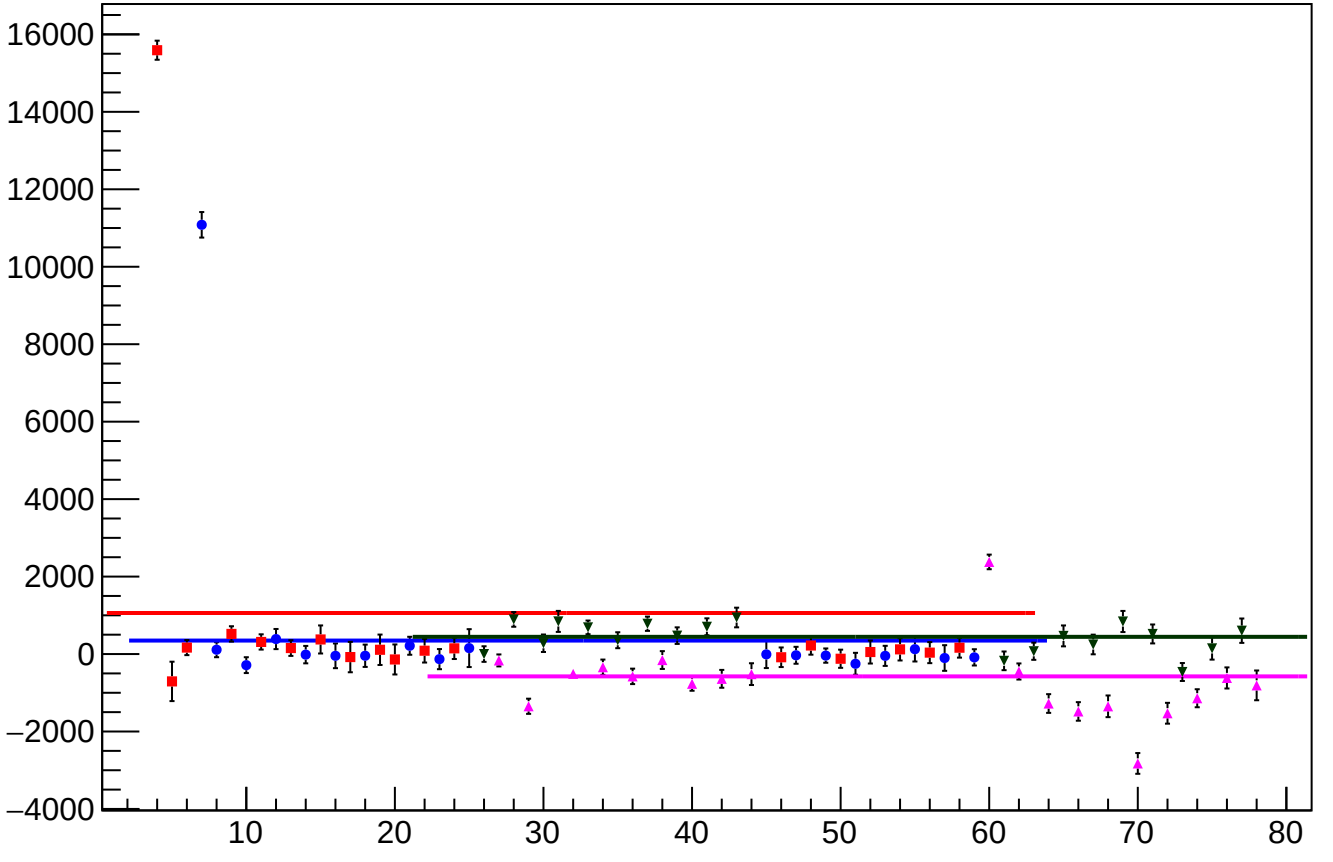
Right Out: 333.230+/-0.077 χ^2/NDF: 768934.3/18

Left In: 293.454+/-0.065 χ^2/NDF:869595.9/18

321.093+/-0.051 χ^2/NDF: 1840074.2/36

309.940+/-0.050 χ^2/NDF: 1794623.2/37

asym_bpm0l01WS_mean vs slug



Right In: 348.196+/-59.644 χ^2/NDF: 1103.2/17

Left Out: 444.504+/-52.214 χ^2/NDF:52.9/18

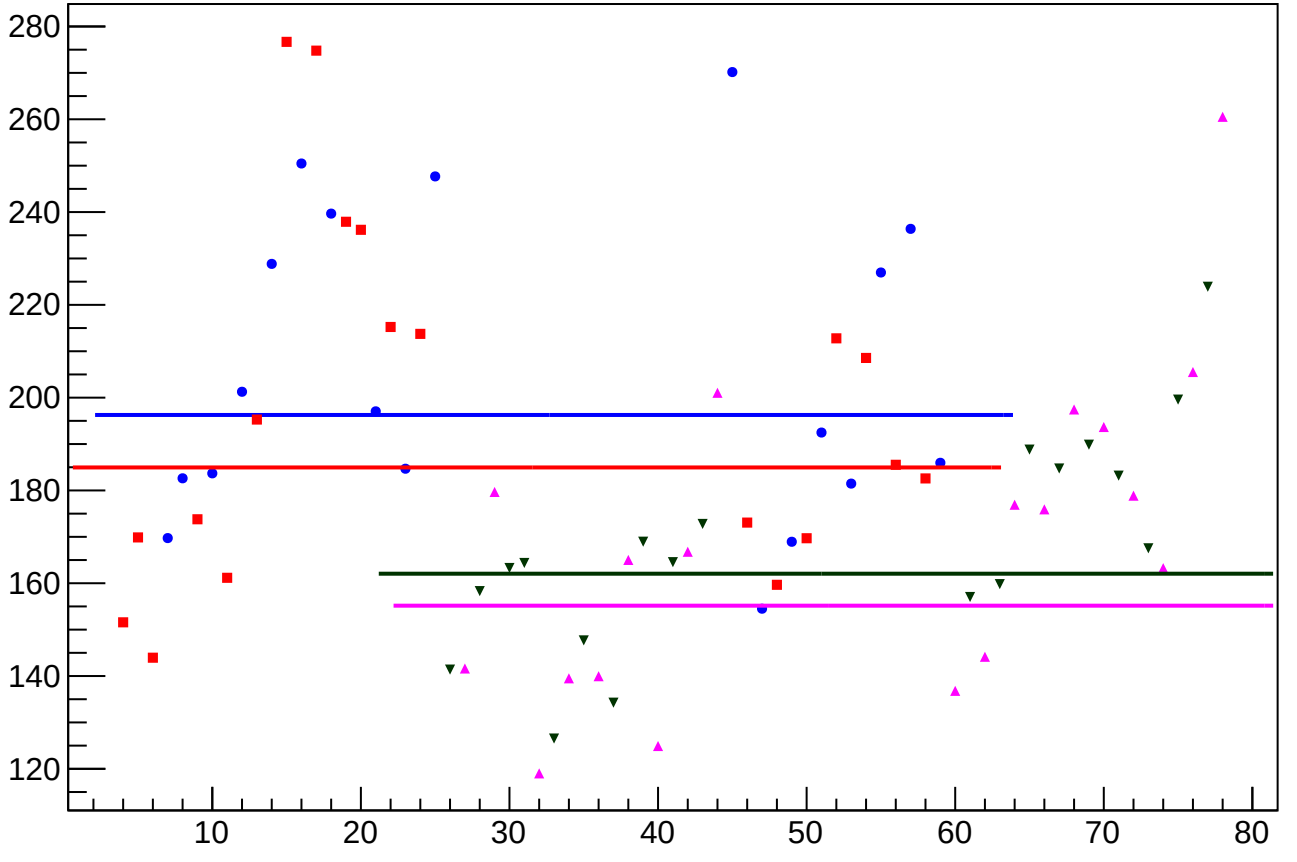
Right Out: 1059.962+/-60.034 χ^2/NDF: 3708.7/18

Left In: -576.689+/-48.376 χ^2/NDF:393.7/18

402.719+/-39.287 χ^2/NDF: 1157.6/36

67.640+/-37.668 χ^2/NDF: 4553.1/37

asym_bpm0l01WS_rms vs slug



Right In: 196.269+/-0.042 χ^2/NDF: 466122.9/17

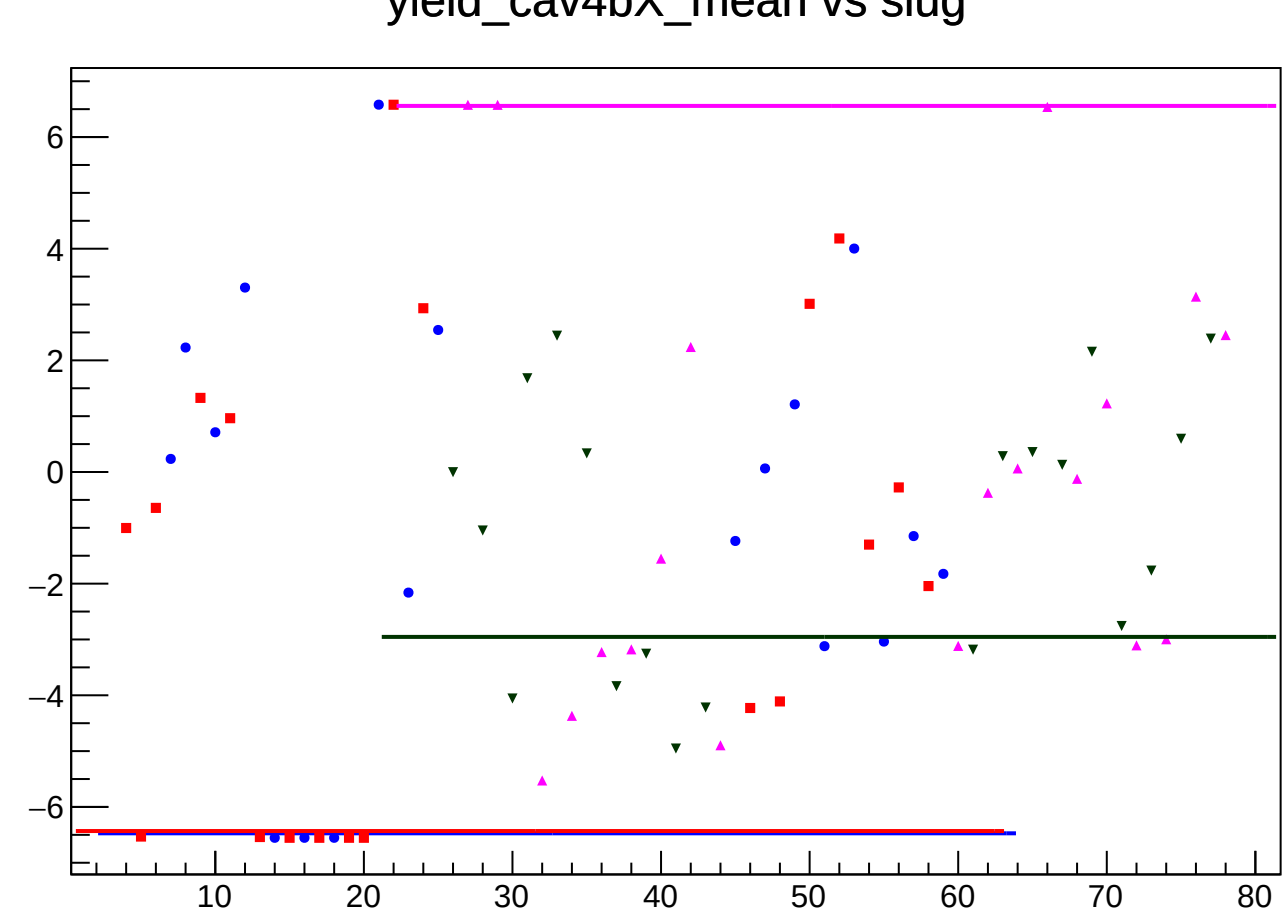
Left Out: 162.054+/-0.037 χ^2/NDF:348343.2/18

Right Out: 184.956+/-0.042 χ^2/NDF: 580645.4/18

Left In: 155.164+/-0.034 χ^2/NDF:732042.4/18

176.899+/-0.028 χ^2/NDF: 1187050.9/36

166.893+/-0.027 χ^2/NDF: 1611312.1/37



Right In: -6.473+/-0.000 χ^2/NDF: 127847949322838.5/17

Left Out: -2.954+/-0.001 χ^2/NDF:15957728.8/18

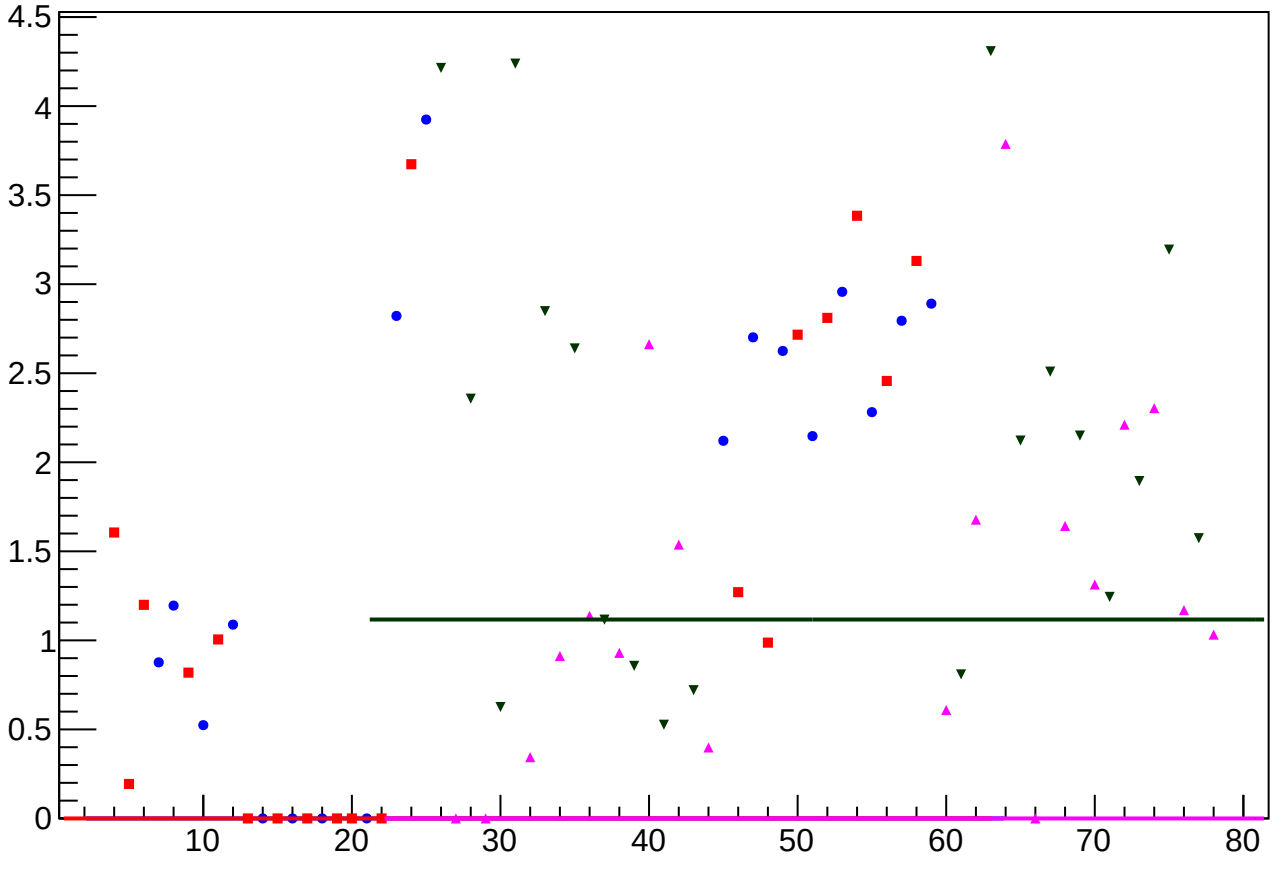
Right Out: -6.432+/-0.000 χ^2/NDF: 150837619676093.8/18

Left In: 6.558+/-0.000 χ^2/NDF:1583981200.0/18

-6.473+/-0.000 χ^2/NDF: 127848013082382.7/3

-6.196+/-0.000 χ^2/NDF: 446402733605510.4/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF: 11913804.6/17

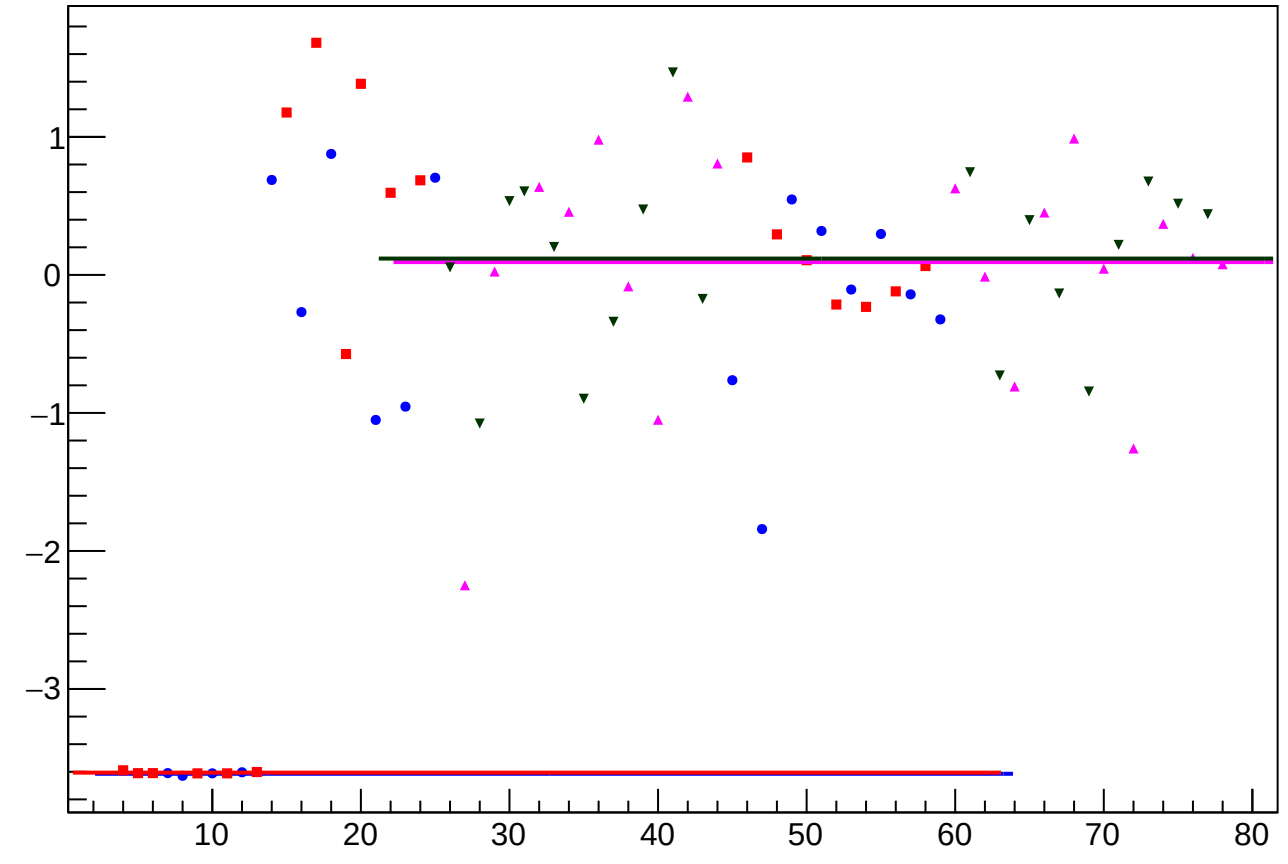
Left Out: 1.117+/-0.000 χ^2/NDF:4581283.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 9626570.5/18

Left In: 0.000+/-0.000 χ^2/NDF:11621423.8/18

0.000+/-0.000 χ^2/NDF: 26128385.5/36

0.000+/-0.000 χ^2/NDF: 21248073.0/37



Right In: -3.614+/-0.000 χ^2/NDF: 49086055221.8/17

Left Out: 0.118+/-0.000 χ^2/NDF:10752134.7/18

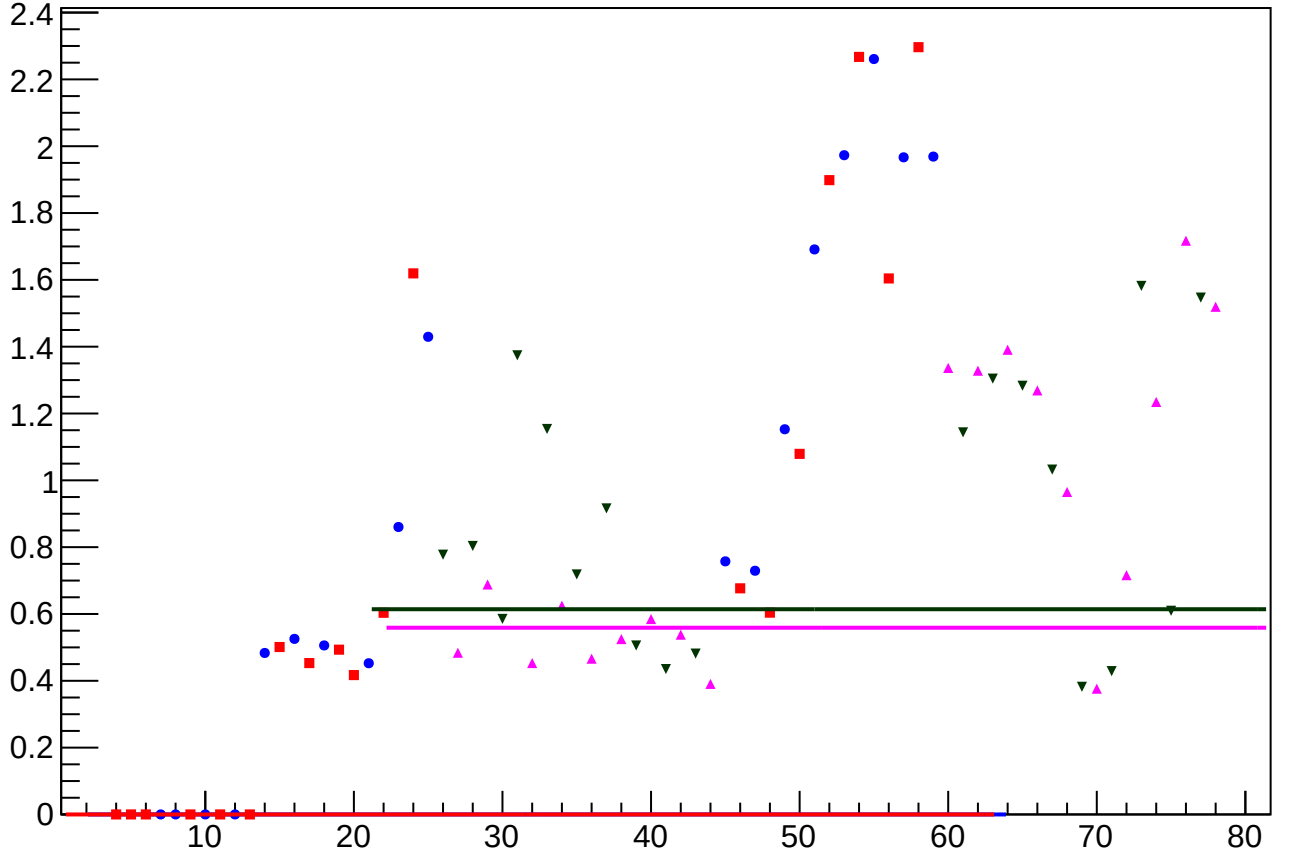
Right Out: -3.606+/-0.000 χ^2/NDF: 37792758949.6/18

Left In: 0.093+/-0.000 χ^2/NDF:21863433.8/18

-3.614+/-0.000 χ^2/NDF: 49334720111.3/36

-3.606+/-0.000 χ^2/NDF: 38117847965.0/37

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF: 13780215.8/17

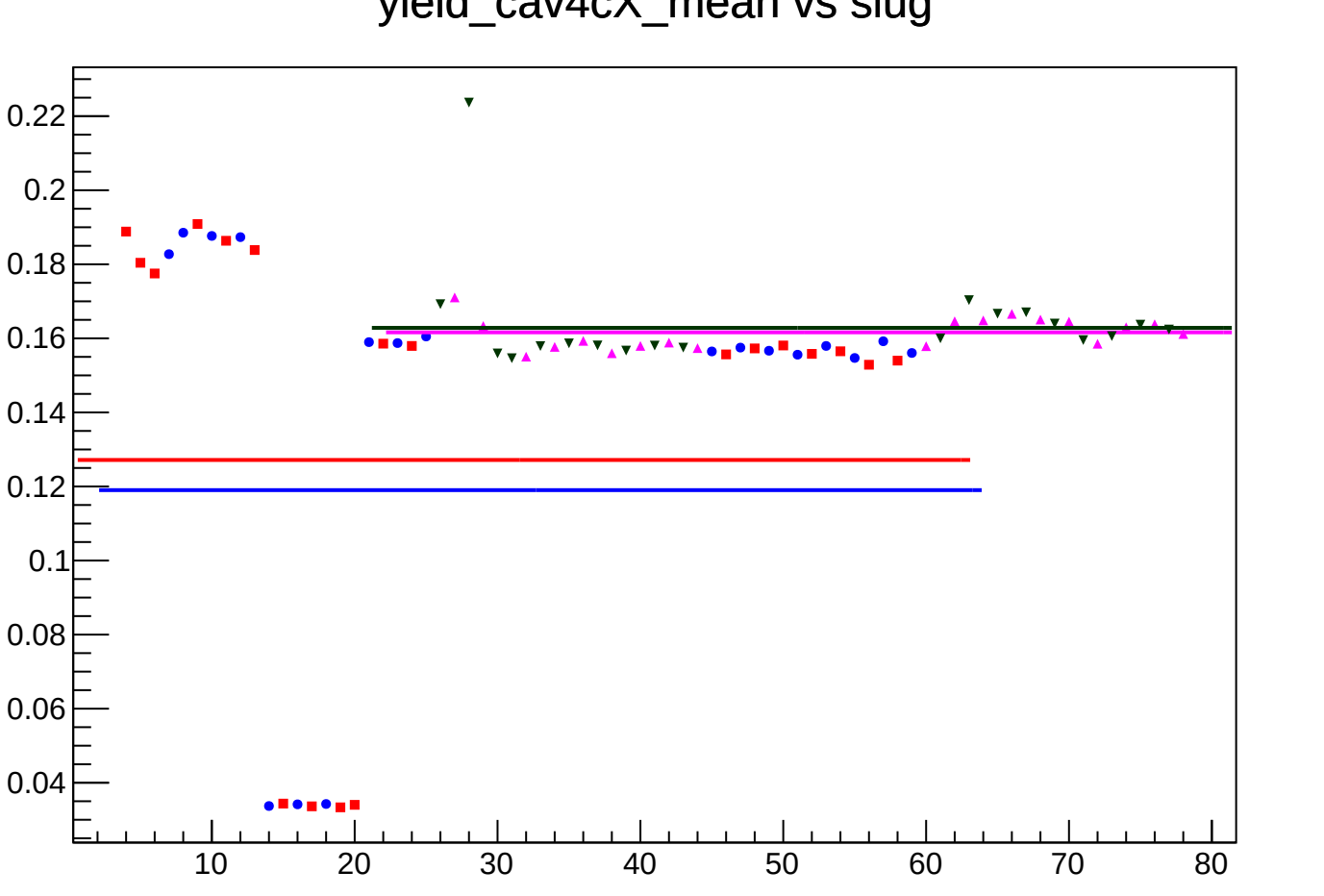
Left Out: 0.614+/-0.000 χ^2/NDF:2765897.3/18

Right Out: 0.000+/-0.000 χ^2/NDF: 10531530.4/18

Left In: 0.559+/-0.000 χ^2/NDF:3162048.4/18

0.000+/-0.000 χ^2/NDF: 29425799.6/36

0.000+/-0.000 χ^2/NDF: 27533599.7/37



Right In: 0.119+/-0.000 χ^2/NDF: 4974475463.8/17

Left Out: 0.163+/-0.000 χ^2/NDF:103035278.1/18

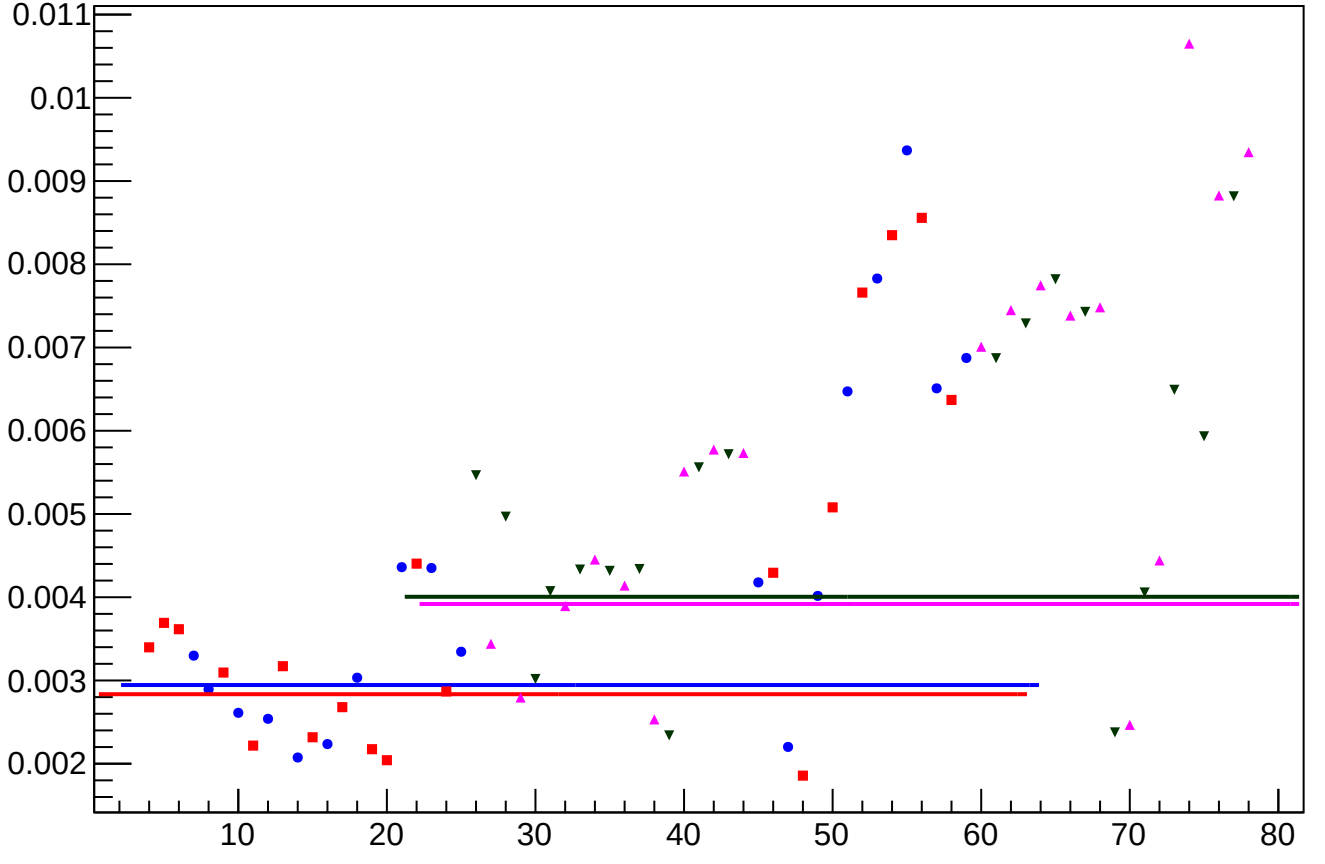
Right Out: 0.127+/-0.000 χ^2/NDF: 4426693928.8/18

Left In: 0.162+/-0.000 χ^2/NDF:13458831.4/18

0.133+/-0.000 χ^2/NDF: 5731408358.2/36

0.139+/-0.000 χ^2/NDF: 4862643791.8/37

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF: 2985281.5/17

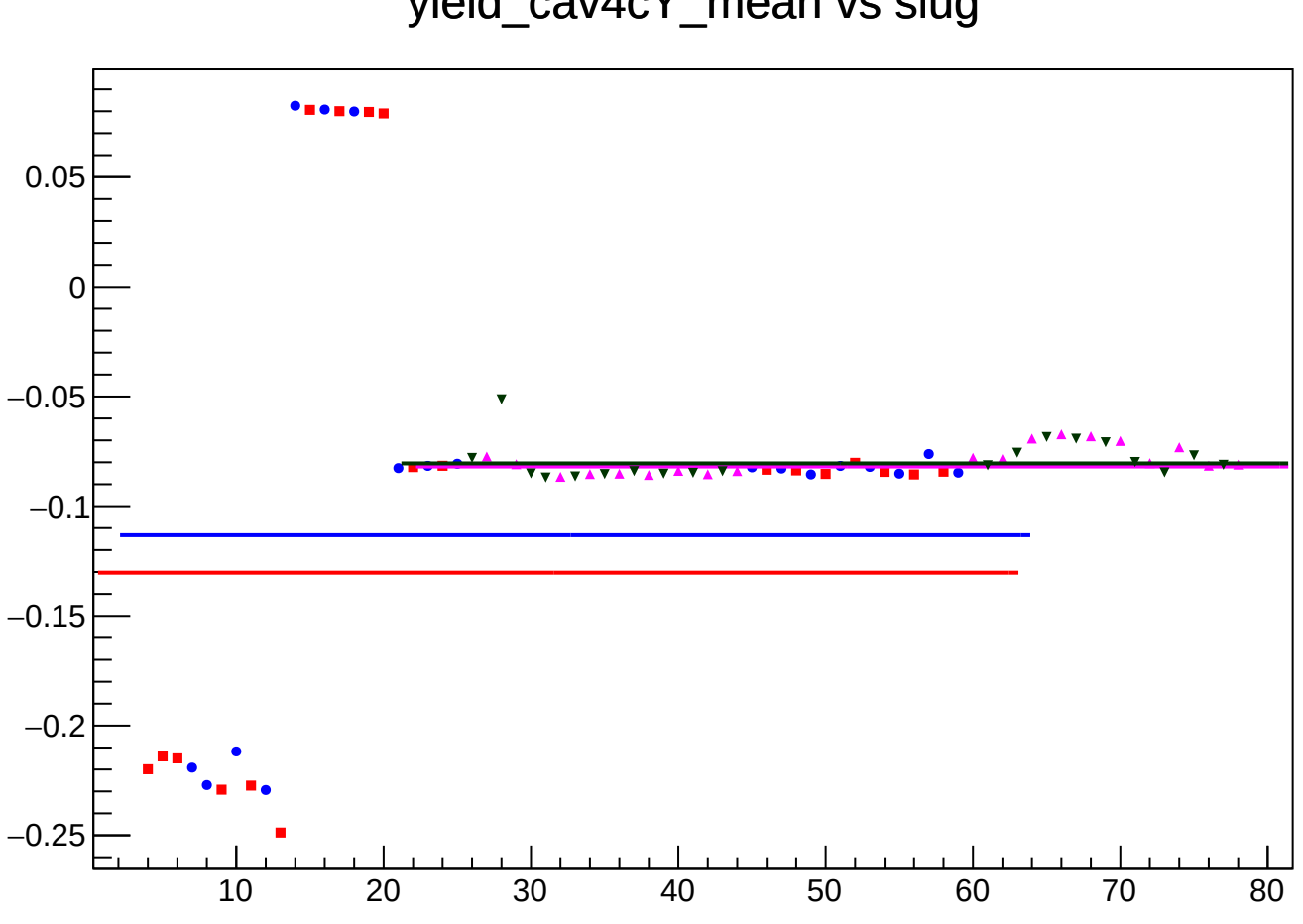
Left Out: 0.004+/-0.000 χ^2/NDF:2678967.0/18

Right Out: 0.003+/-0.000 χ^2/NDF: 2697291.9/18

Left In: 0.004+/-0.000 χ^2/NDF:3292066.4/18

0.003+/-0.000 χ^2/NDF: 6429617.2/36

0.003+/-0.000 χ^2/NDF: 6824568.2/37



Right In: -0.113+/-0.000 χ^2/NDF: 9694608559.9/17

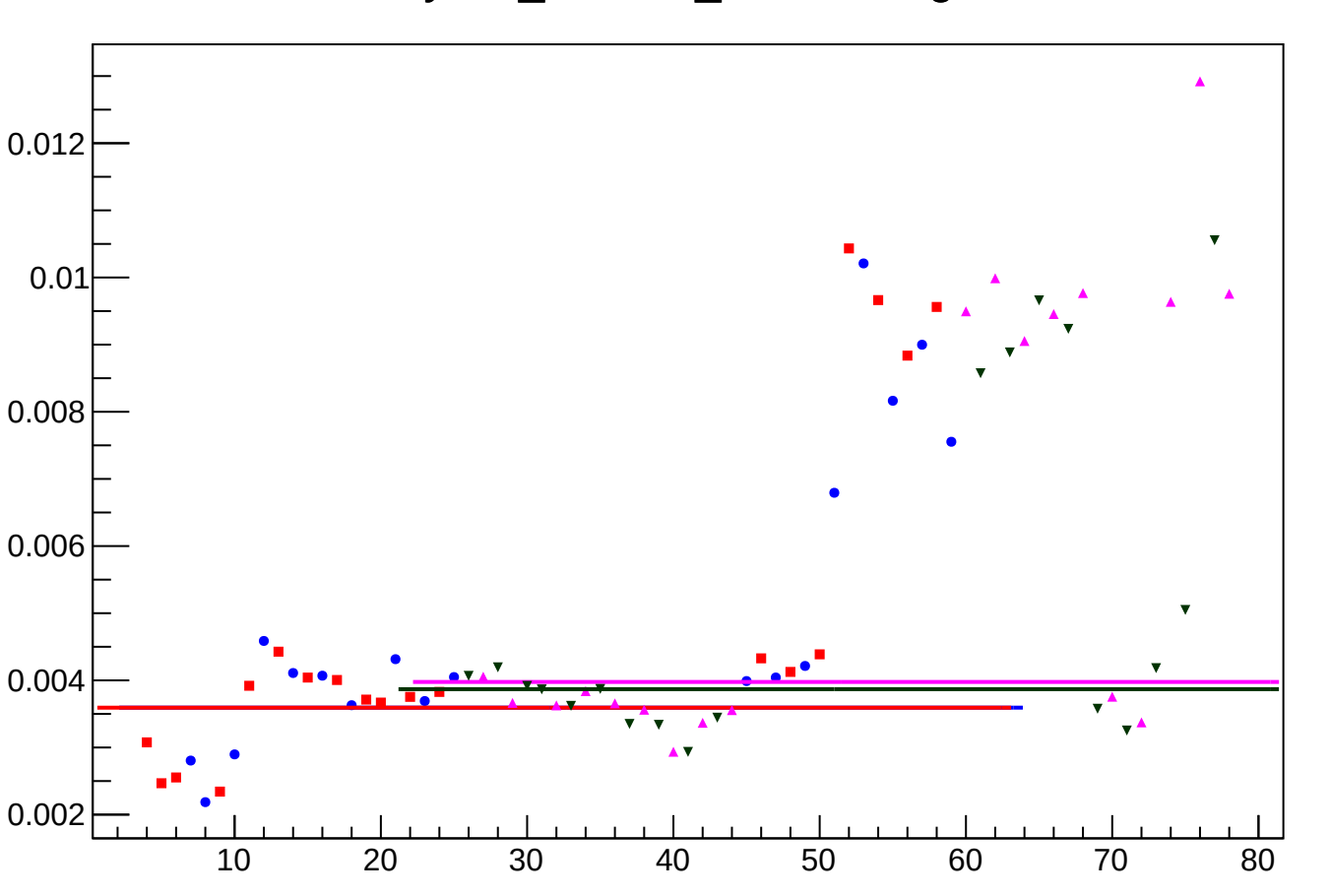
Left Out: -0.081+/-0.000 χ^2/NDF:41979193.1/18

Right Out: -0.130+/-0.000 χ^2/NDF: 8867144829.5/18

Left In: -0.082+/-0.000 χ^2/NDF:13352347.1/18

-0.099+/-0.000 χ^2/NDF: 10072895433.0/36

-0.108+/-0.000 χ^2/NDF: 9560646316.1/37



Right In: 0.004+/-0.000 χ^2/NDF: 2636393.6/17

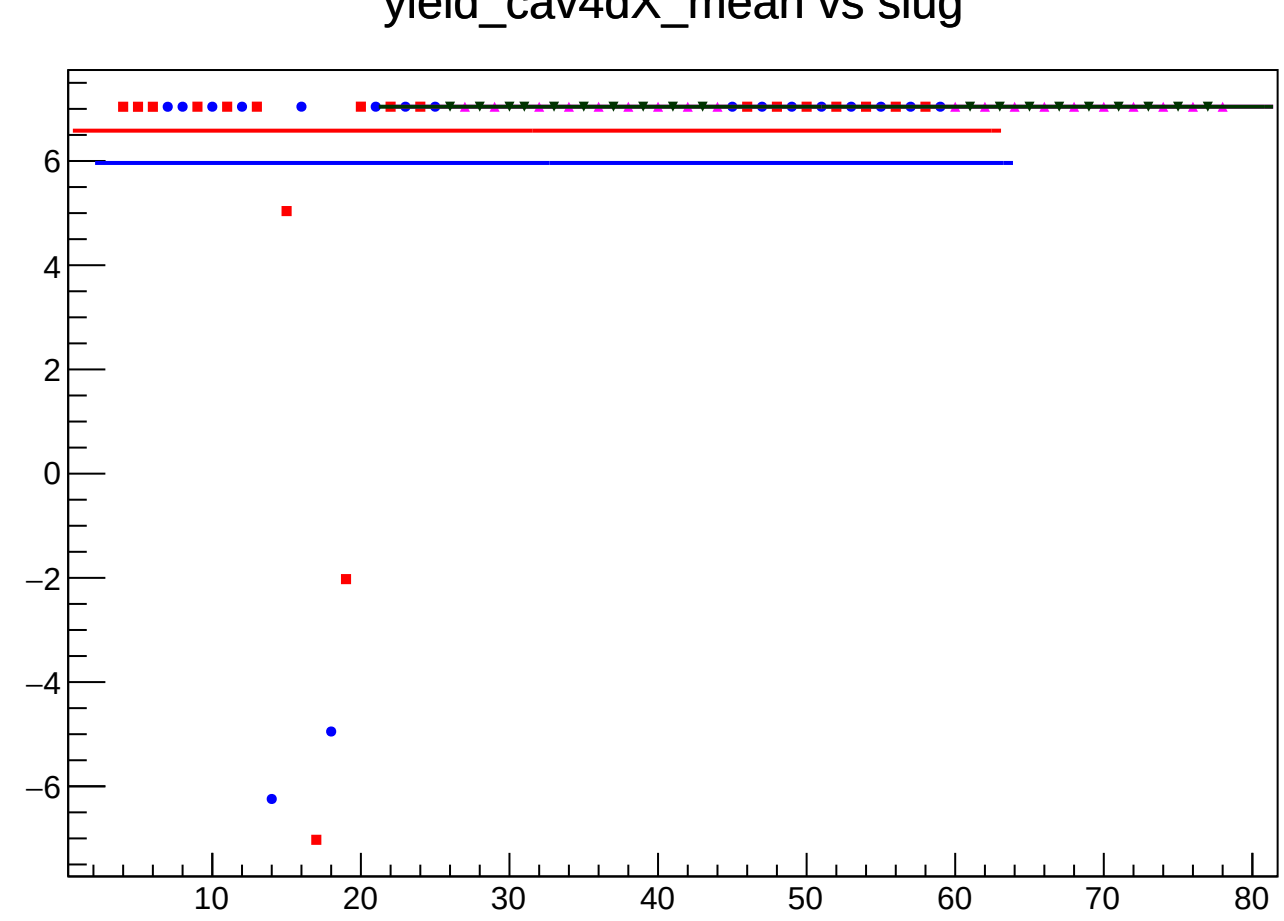
Left Out: 0.004+/-0.000 χ^2/NDF:1777255.3/18

Right Out: 0.004+/-0.000 χ^2/NDF: 2225355.5/18

Left In: 0.004+/-0.000 χ^2/NDF:2696741.2/18

0.004+/-0.000 χ^2/NDF: 4461177.5/36

0.004+/-0.000 χ^2/NDF: 5007266.5/37



Right In: 5.962+/-0.000 χ^2/NDF: 4616105002600912.0/17

Left Out: 7.042+/-0.000 χ^2/NDF:11960400.2/18

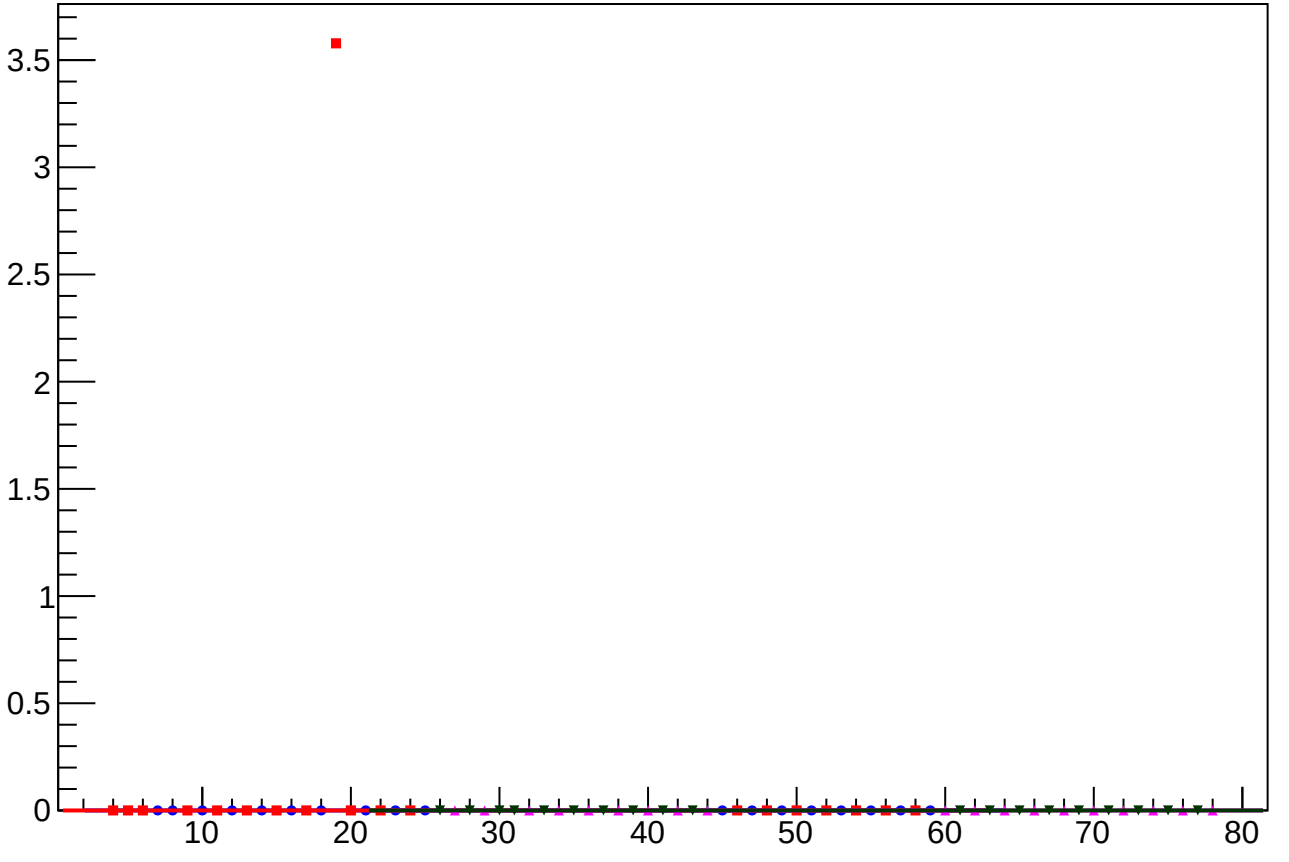
Right Out: 6.582+/-0.000 χ^2/NDF: 1856853993700647.2/18

Left In: 7.042+/-0.000 χ^2/NDF:12395541.2/18

6.514+/-0.000 χ^2/NDF: 4828714402735067.0/3

6.843+/-0.000 χ^2/NDF: 1893504862985861.8/3

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF: 4282.3/17

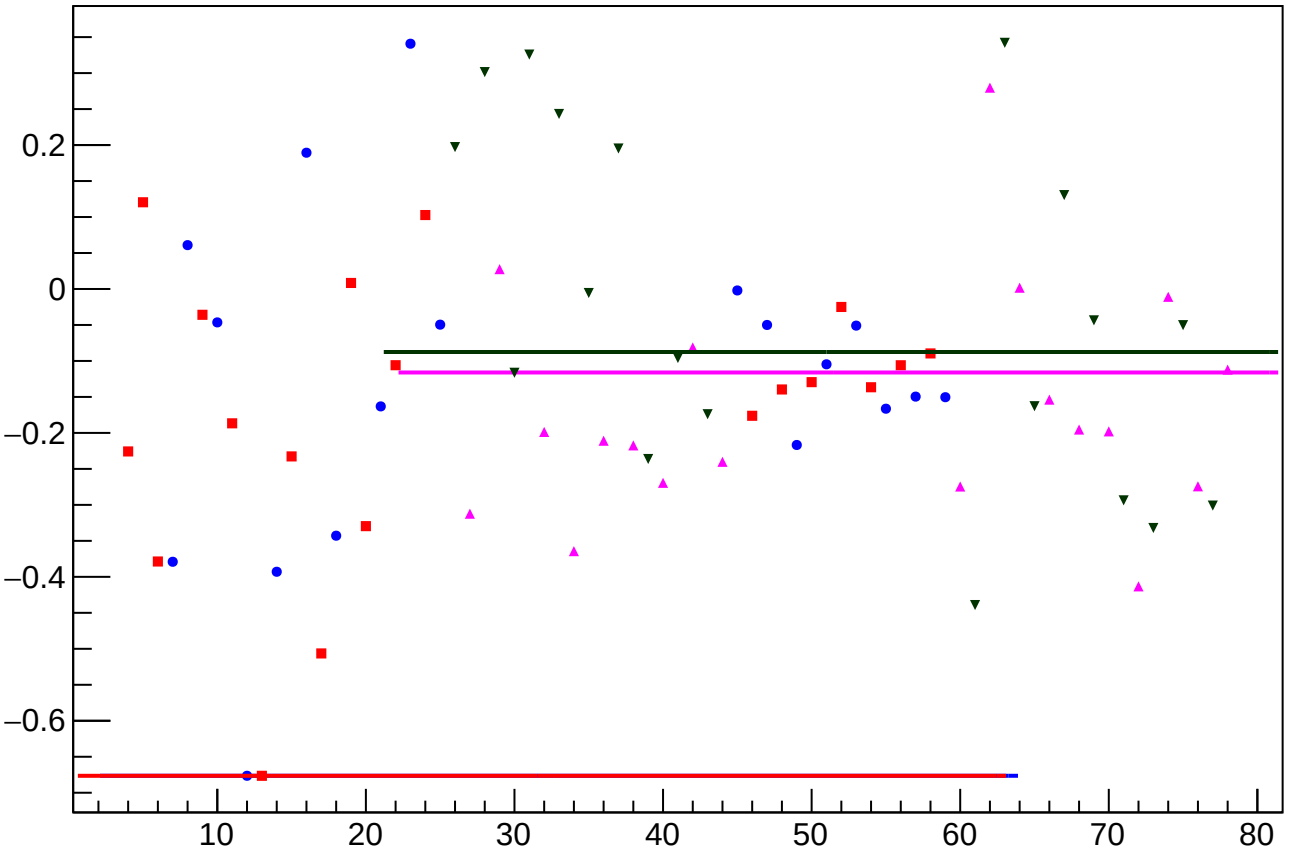
Left Out: 0.000+/-0.000 χ^2/NDF:1834.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 697661.6/18

Left In: 0.000+/-0.000 χ^2/NDF:3203.8/18

0.000+/-0.000 χ^2/NDF: 7989.8/36

0.000+/-0.000 χ^2/NDF: 703560.2/37



Right In: -0.676+/-0.000 χ^2/NDF: 266364367.2/17

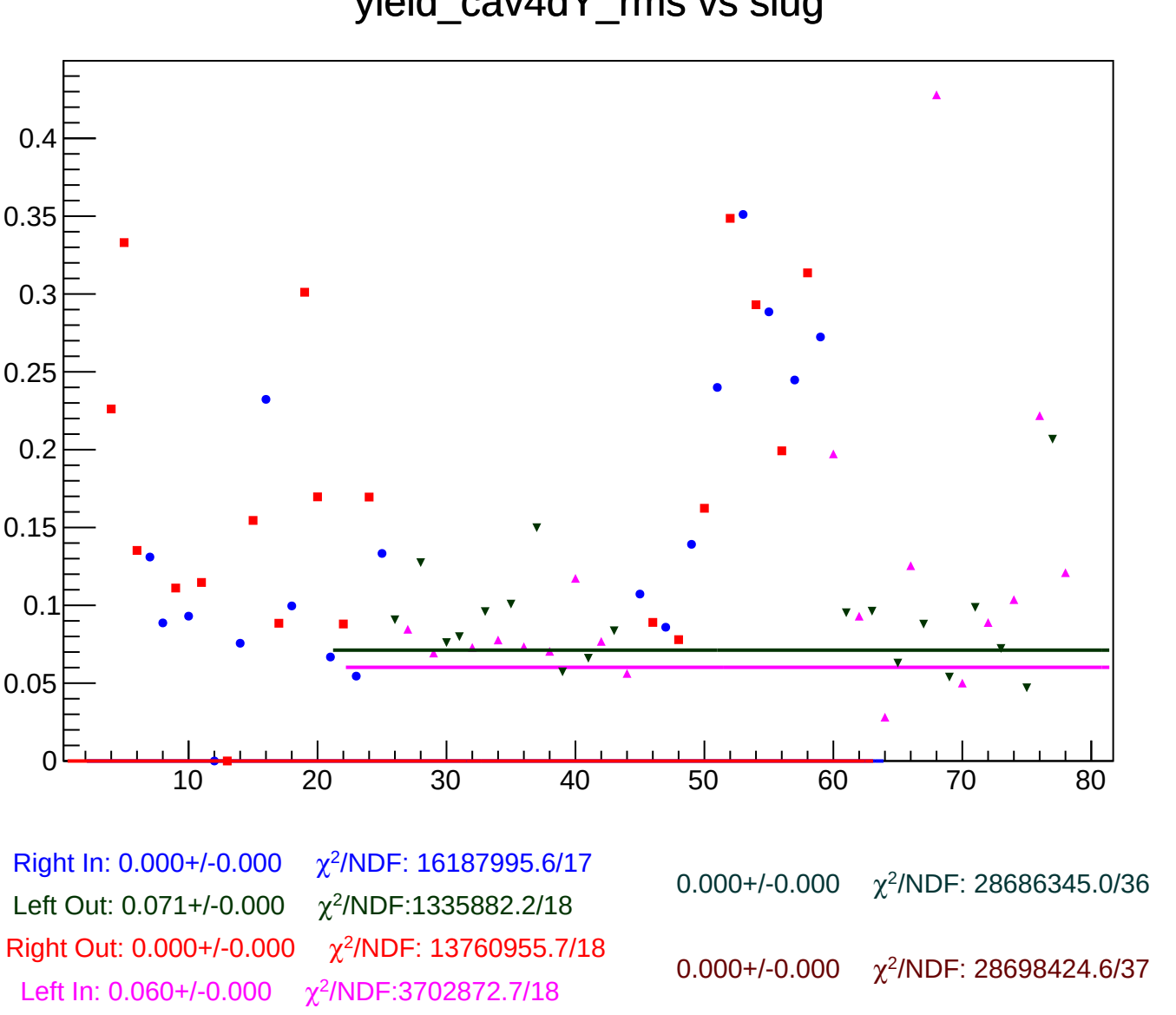
Left Out: -0.088+/-0.000 χ^2/NDF:36726599.4/18

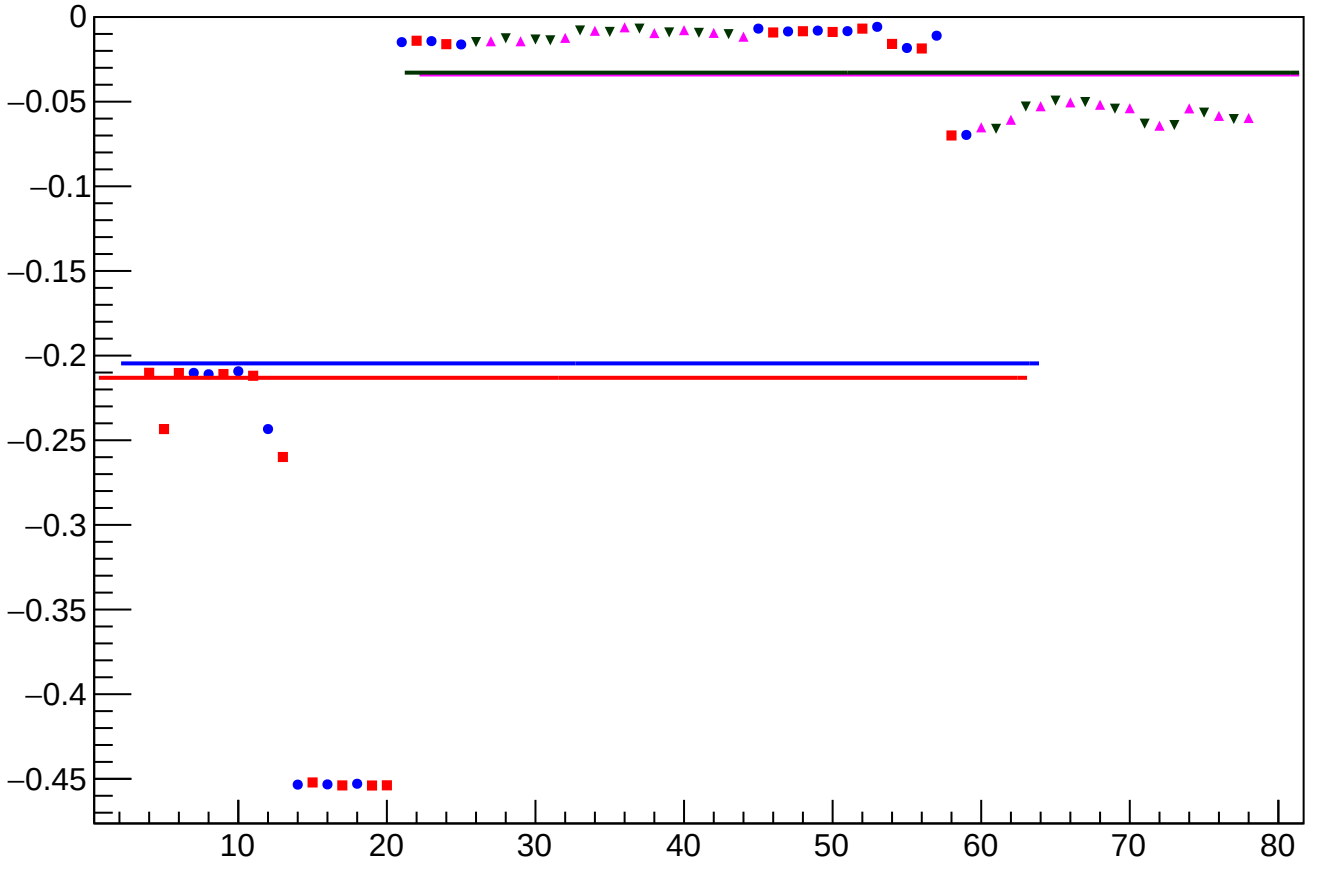
Right Out: -0.676+/-0.000 χ^2/NDF: 102004552.0/18

Left In: -0.116+/-0.000 χ^2/NDF:29551433.8/18

-0.676+/-0.000 χ^2/NDF: 684881808.3/36

-0.676+/-0.000 χ^2/NDF: 619036566.4/37


yield_cav4dY_rms vs slug
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
10
20
30
40
50
60
70
80
Right In: 0.000+/-0.000 χ²/NDF: 16187995.6/17
Left Out: 0.071+/-0.000 χ²/NDF:1335882.2/18
Right Out: 0.000+/-0.000 χ²/NDF: 13760955.7/18
Left In: 0.060+/-0.000 χ²/NDF:3702872.7/18
0.000+/-0.000 χ²/NDF: 28686345.0/36
0.000+/-0.000 χ²/NDF: 28698424.6/37



Right In: -0.205+/-0.000 χ^2/NDF: 5539981697.6/17

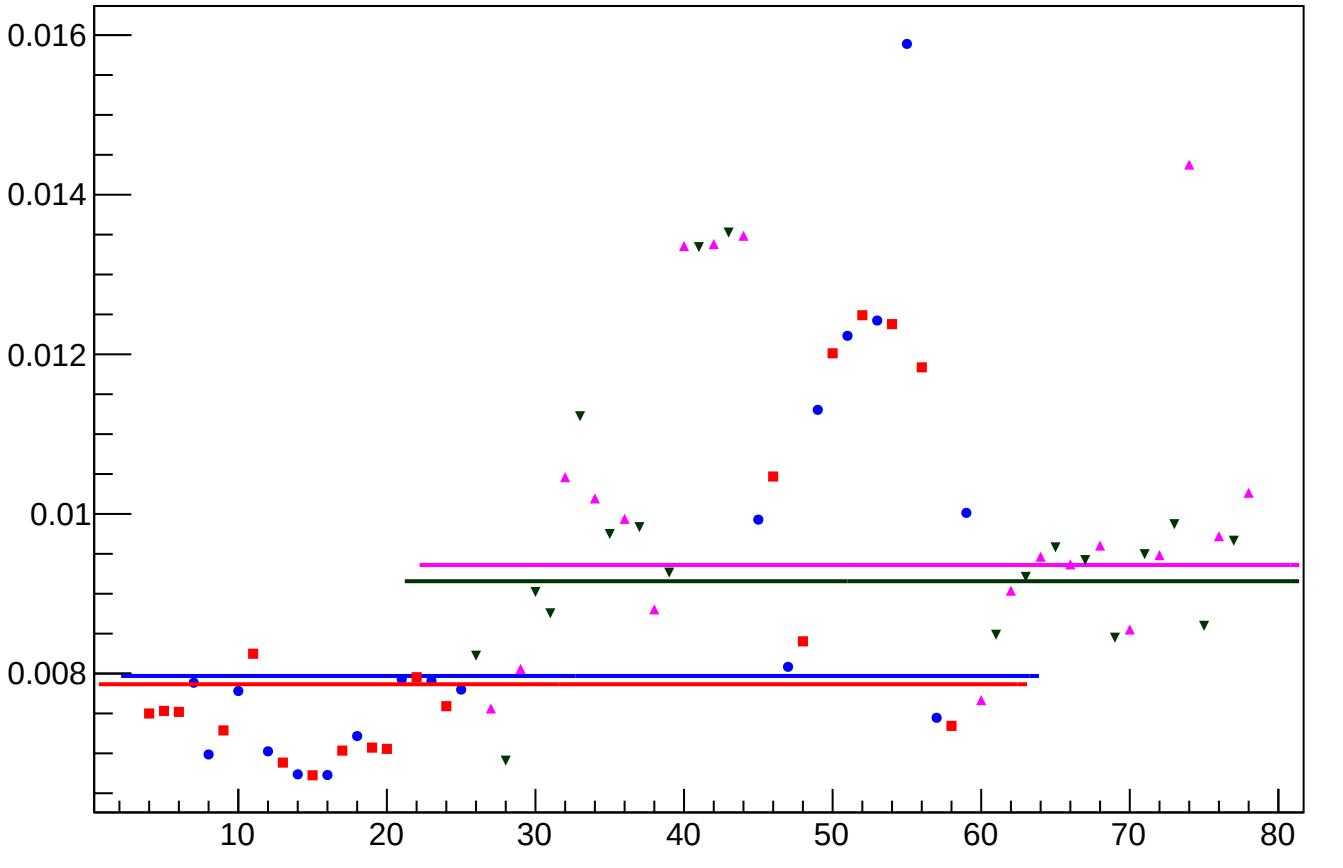
Left Out: -0.033+/-0.000 χ^2/NDF:62243371.5/18

Right Out: -0.213+/-0.000 χ^2/NDF: 4142455601.5/18

Left In: -0.034+/-0.000 χ^2/NDF:63128196.9/18

-0.135+/-0.000 χ^2/NDF: 7595004385.3/36

-0.136+/-0.000 χ^2/NDF: 6331920960.2/37



Right In: 0.008+/-0.000 χ^2/NDF: 943742.9/17

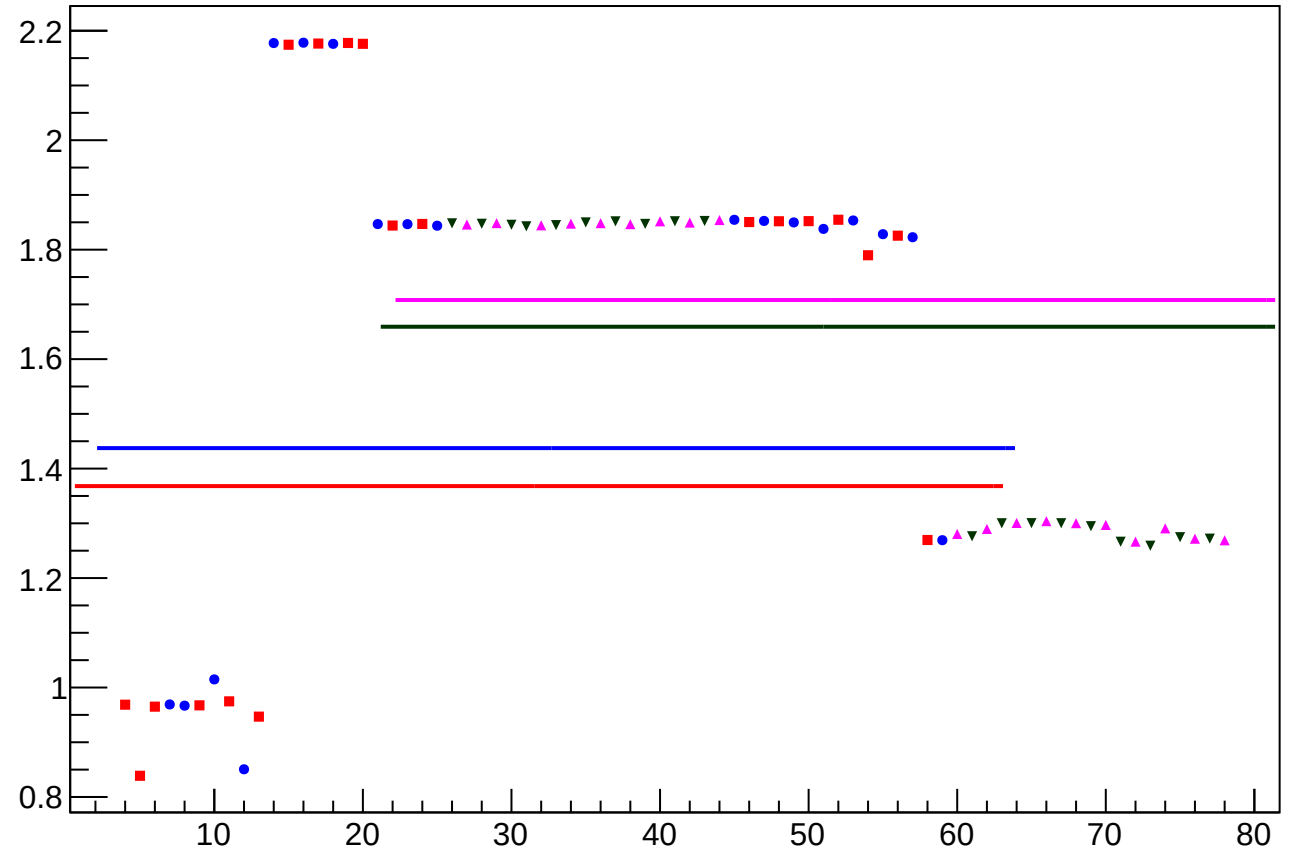
Left Out: 0.009+/-0.000 χ^2/NDF:438806.5/18

Right Out: 0.008+/-0.000 χ^2/NDF: 696189.4/18

Left In: 0.009+/-0.000 χ^2/NDF:627221.5/18

0.008+/-0.000 χ^2/NDF: 1573028.8/36

0.009+/-0.000 χ^2/NDF: 1619240.4/37



Right In: 1.437+/-0.000 χ^2/NDF: 14236590294.3/17

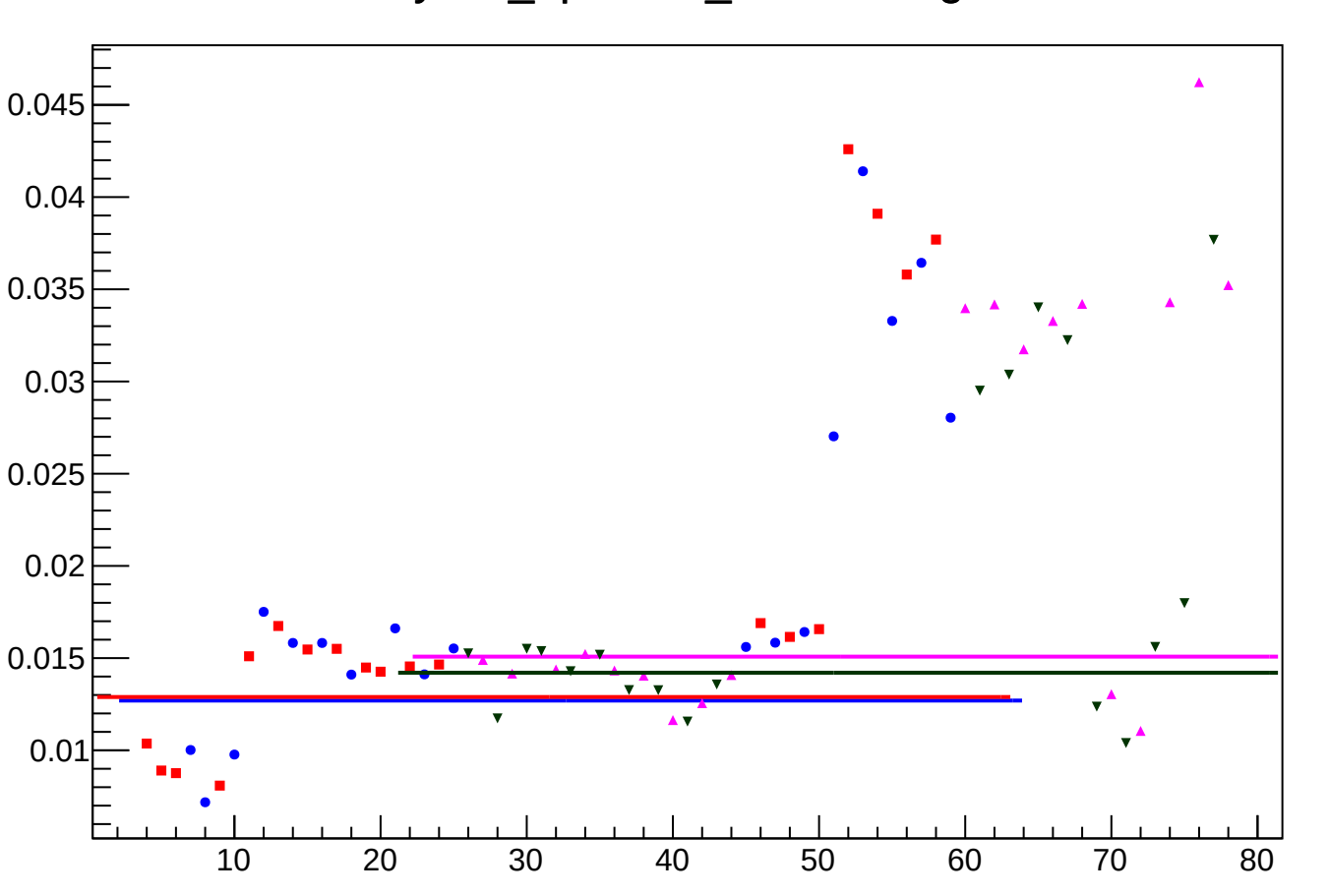
Left Out: 1.659+/-0.000 χ^2/NDF:3007620147.3/18

Right Out: 1.368+/-0.000 χ^2/NDF: 12592500418.8/18

Left In: 1.708+/-0.000 χ^2/NDF:2250783779.2/18

1.533+/-0.000 χ^2/NDF: 18402775987.6/36

1.517+/-0.000 χ^2/NDF: 17291336249.8/37



Right In: 0.013+/-0.000 χ^2/NDF: 3534875.5/17

Left Out: 0.014+/-0.000 χ^2/NDF:1733835.3/18

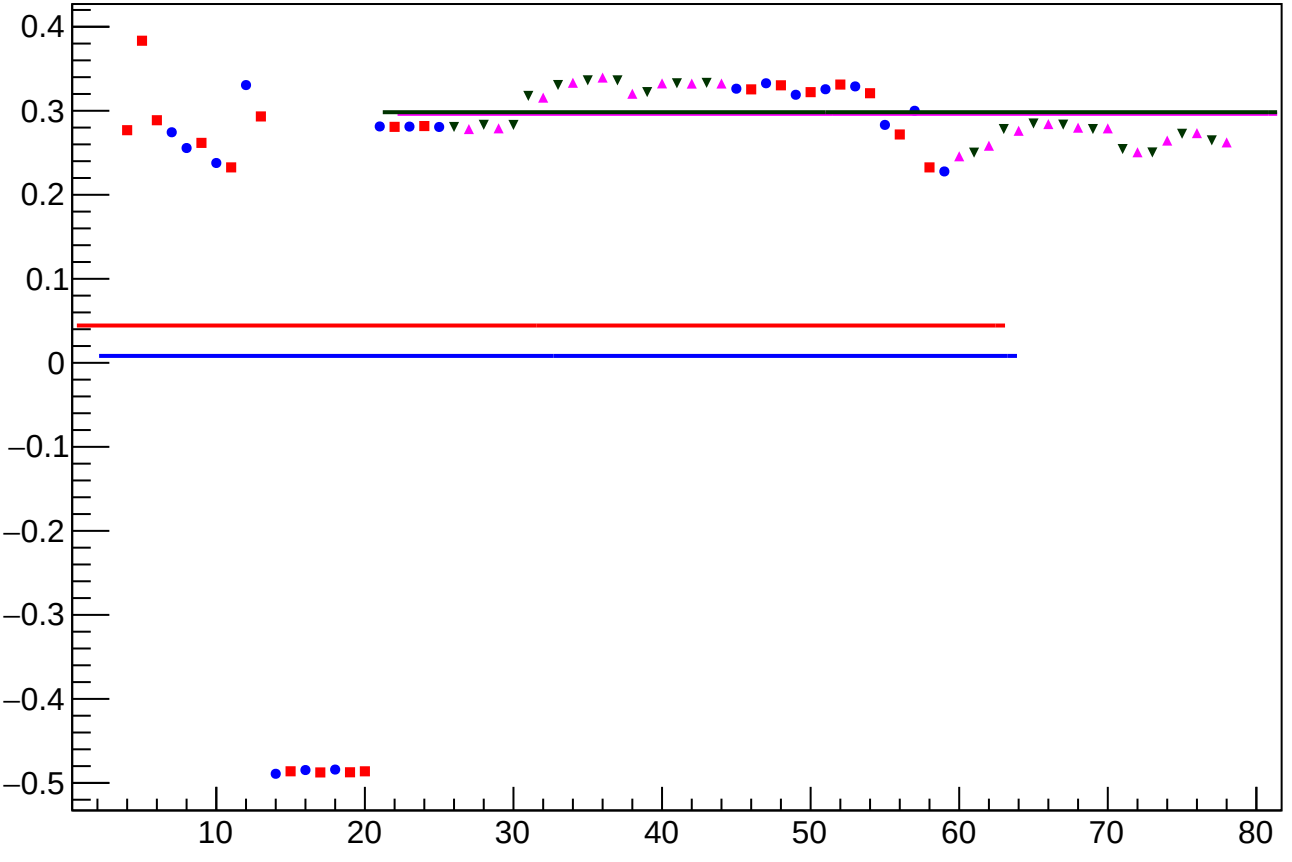
Right Out: 0.013+/-0.000 χ^2/NDF: 2814614.5/18

Left In: 0.015+/-0.000 χ^2/NDF:2506305.6/18

0.013+/-0.000 χ^2/NDF: 5376025.5/36

0.014+/-0.000 χ^2/NDF: 5524001.2/37

yield_bpm4eX_mean vs slug



Right In: 0.008+/-0.000 χ^2/NDF: 3589016563.4/17

Left Out: 0.298+/-0.000 χ^2/NDF:14225851.4/18

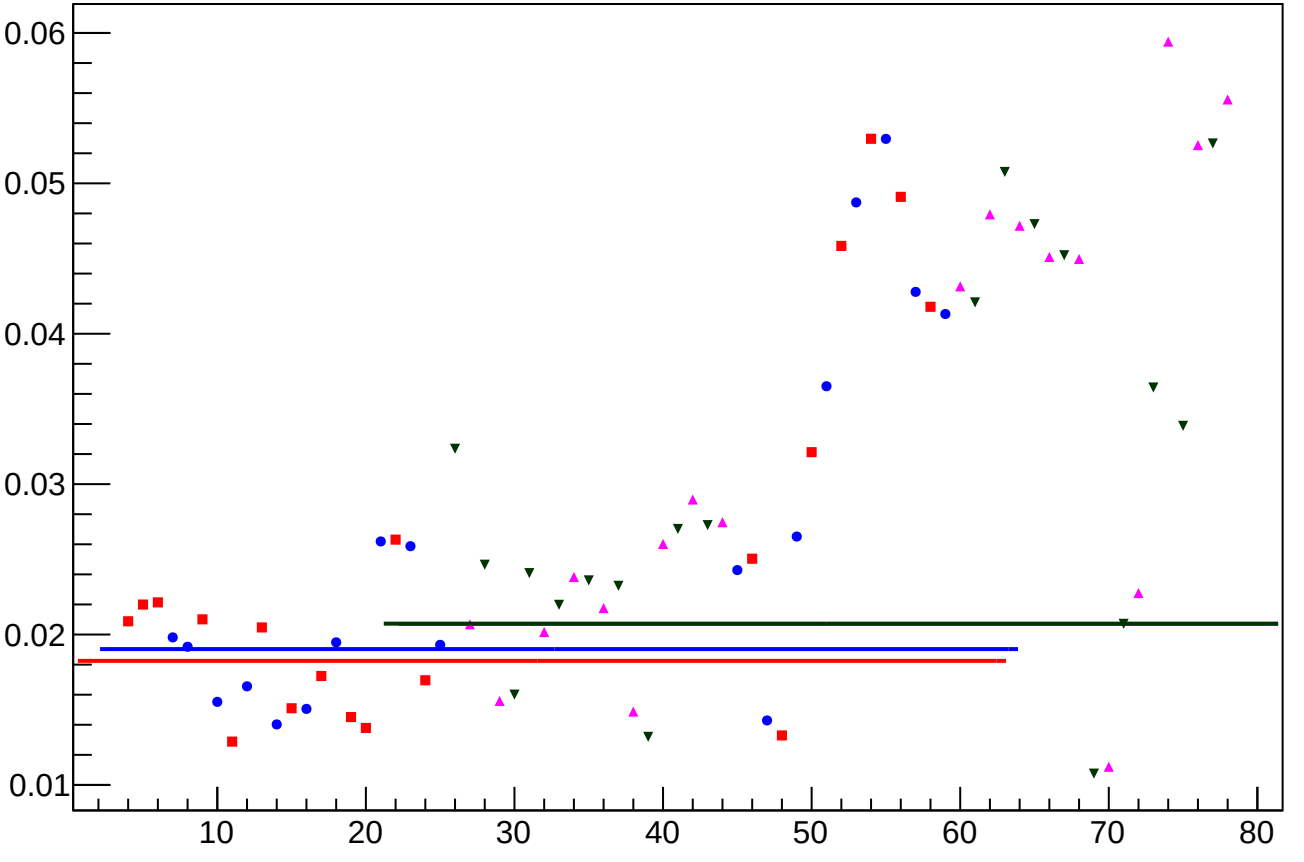
Right Out: 0.044+/-0.000 χ^2/NDF: 3156873410.8/18

Left In: 0.296+/-0.000 χ^2/NDF:13383024.5/18

0.128+/-0.000 χ^2/NDF: 4495887027.3/36

0.153+/-0.000 χ^2/NDF: 3853988067.2/37

yield_bpm4eX_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF: 2594784.8/17

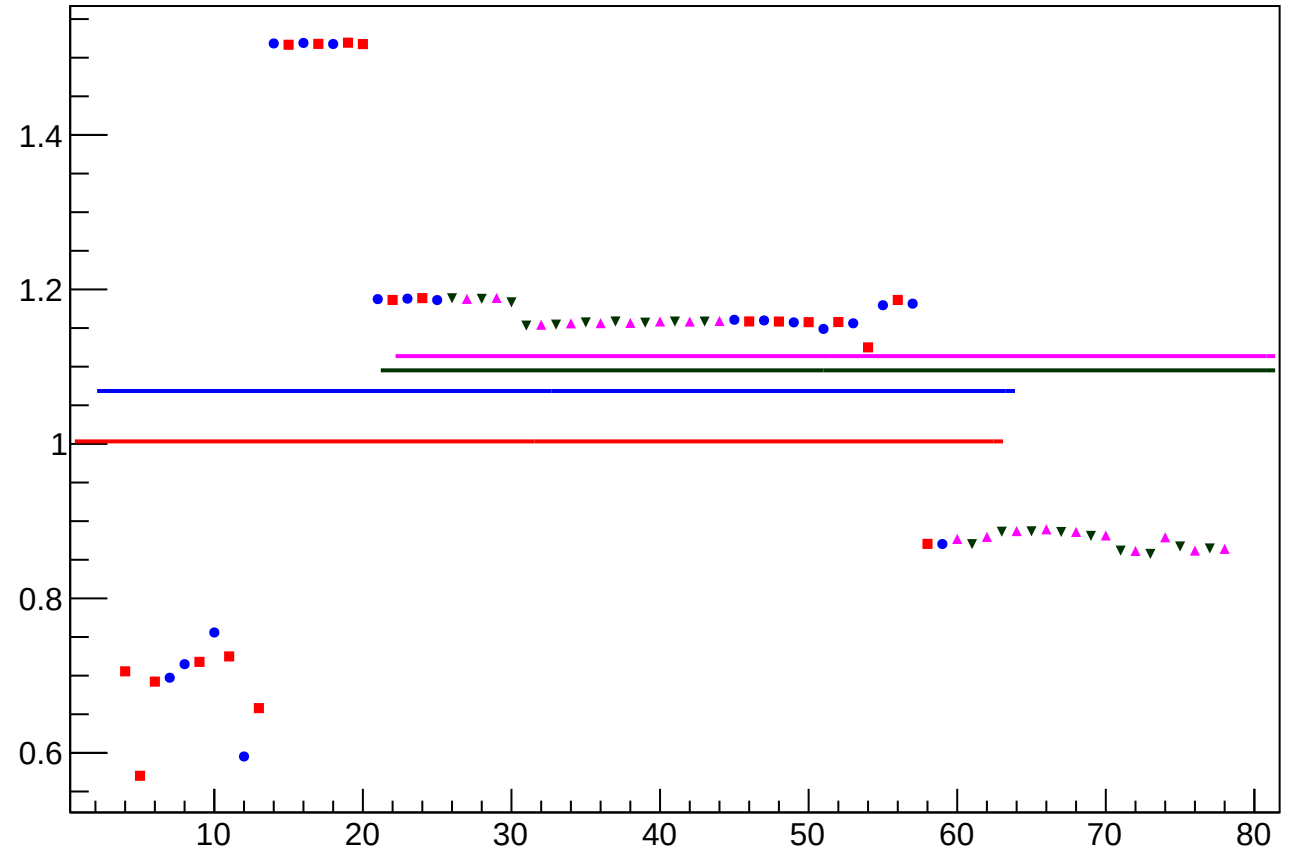
Left Out: 0.021+/-0.000 χ^2/NDF:3305345.6/18

Right Out: 0.018+/-0.000 χ^2/NDF: 2485378.5/18

Left In: 0.021+/-0.000 χ^2/NDF:3780178.9/18

0.020+/-0.000 χ^2/NDF: 5960829.6/36

0.019+/-0.000 χ^2/NDF: 6395050.8/37



Right In: 1.069+/-0.000 χ^2/NDF: 10548206682.3/17

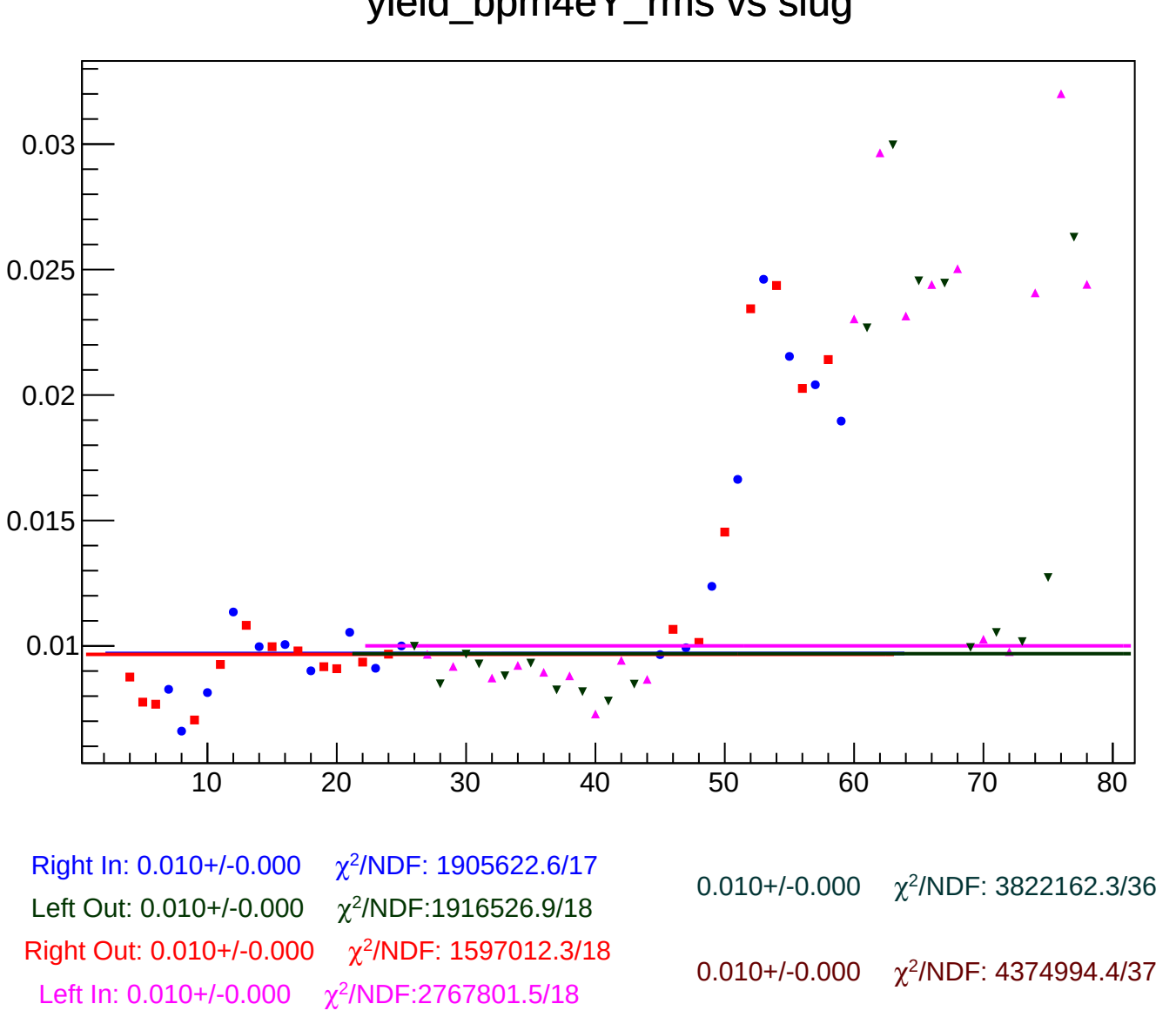
Left Out: 1.095+/-0.000 χ^2/NDF:1418612162.2/18

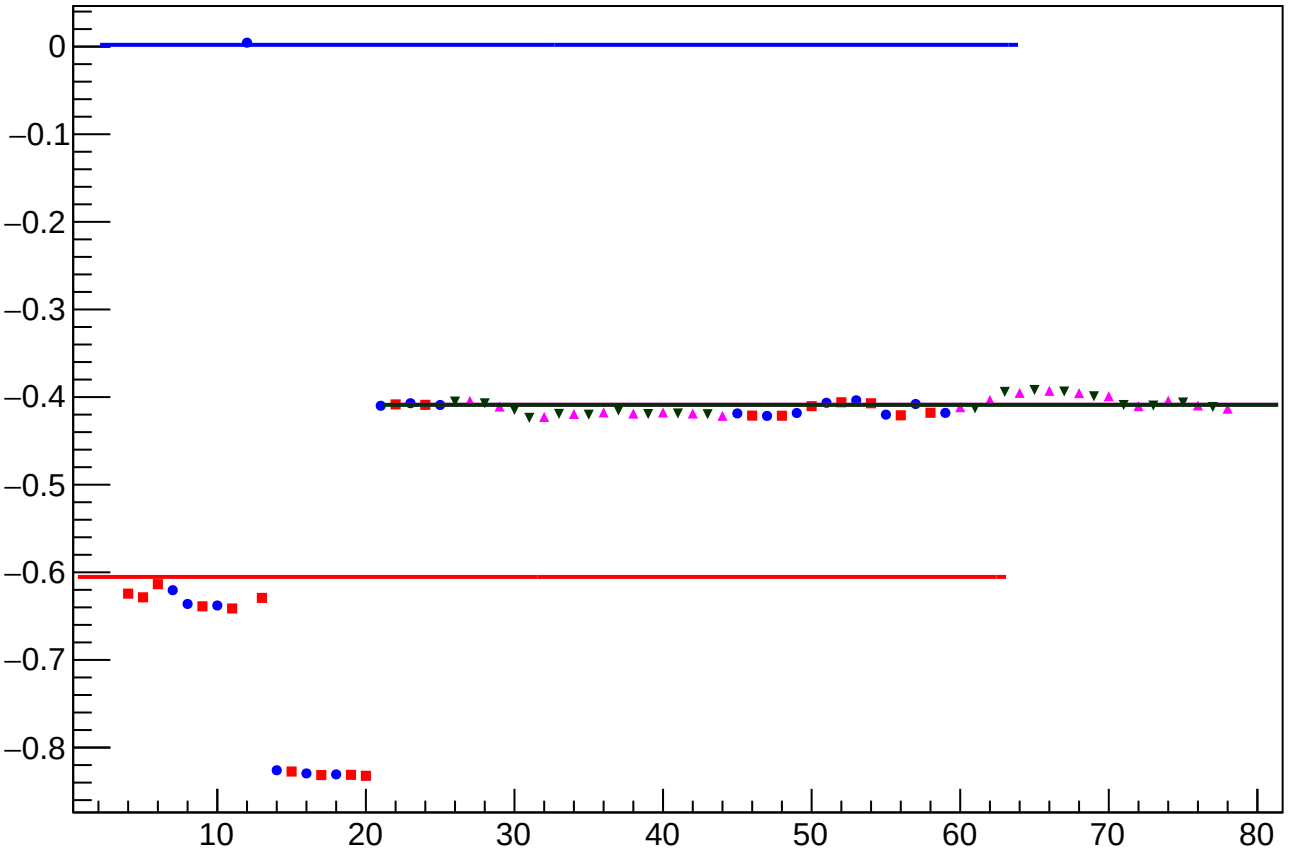
Right Out: 1.003+/-0.000 χ^2/NDF: 10291656361.5/18

Left In: 1.114+/-0.000 χ^2/NDF:1046179416.9/18

1.081+/-0.000 χ^2/NDF: 12000588015.2/36

1.056+/-0.000 χ^2/NDF: 11872032596.7/37


yield_bpm4eY_rms vs slug
0.03
0.025
0.02
0.015
0.01
10
20
30
40
50
60
70
80
Right In: 0.010+/-0.000 χ²/NDF: 1905622.6/17
Left Out: 0.010+/-0.000 χ²/NDF:1916526.9/18
Right Out: 0.010+/-0.000 χ²/NDF: 1597012.3/18
Left In: 0.010+/-0.000 χ²/NDF:2767801.5/18
0.010+/-0.000 χ²/NDF: 3822162.3/36
0.010+/-0.000 χ²/NDF: 4374994.4/37



Right In: 0.002+/-0.000 χ^2/NDF: 59749781854.5/17

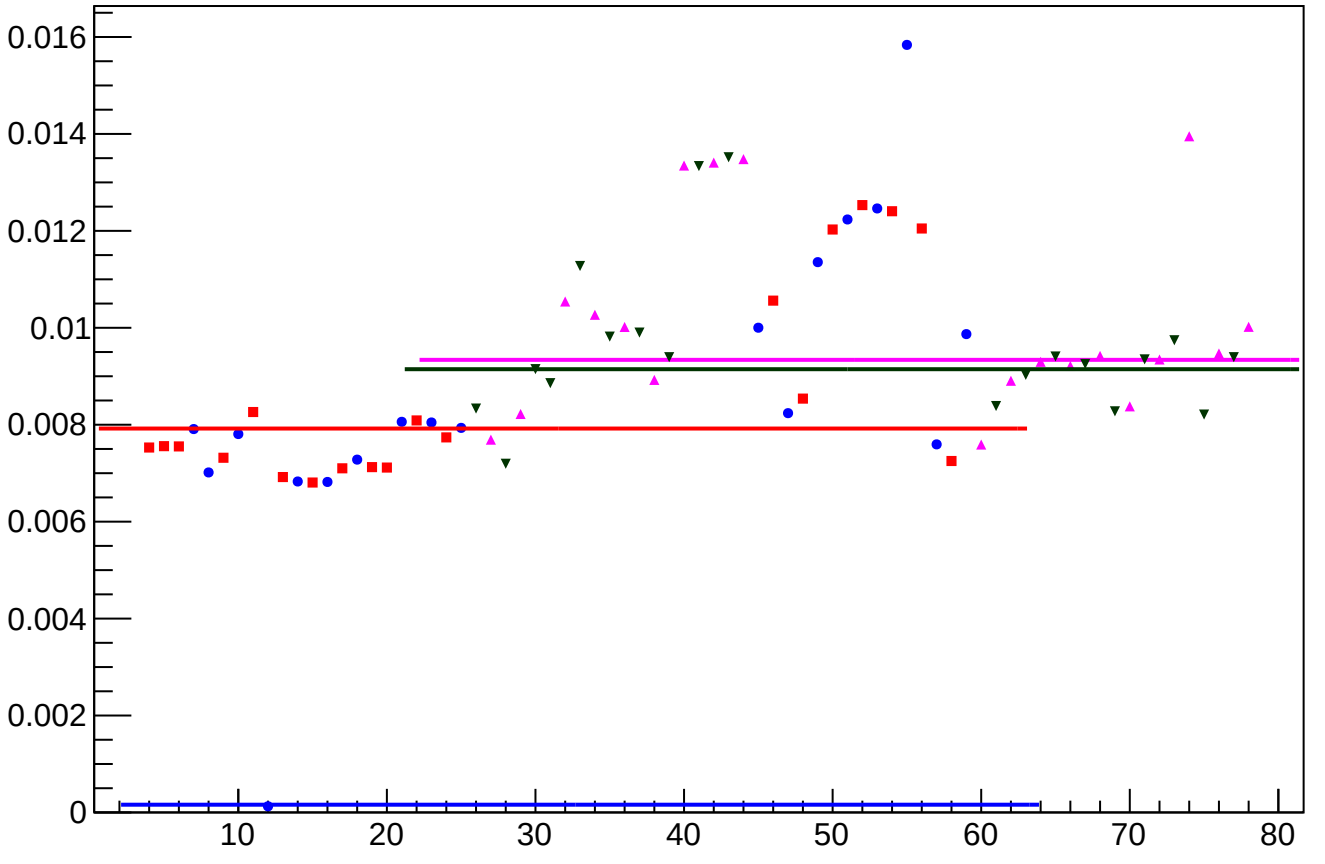
Left Out: -0.409+/-0.000 χ^2/NDF:9307109.1/18

Right Out: -0.605+/-0.000 χ^2/NDF: 3819629229.5/18

Left In: -0.409+/-0.000 χ^2/NDF:9183714.0/18

0.001+/-0.000 χ^2/NDF: 78948162113.9/36

-0.519+/-0.000 χ^2/NDF: 6380492951.8/37



Right In: 0.000+/-0.000 χ^2/NDF: 20262517.7/17

Left Out: 0.009+/-0.000 χ^2/NDF:405131.8/18

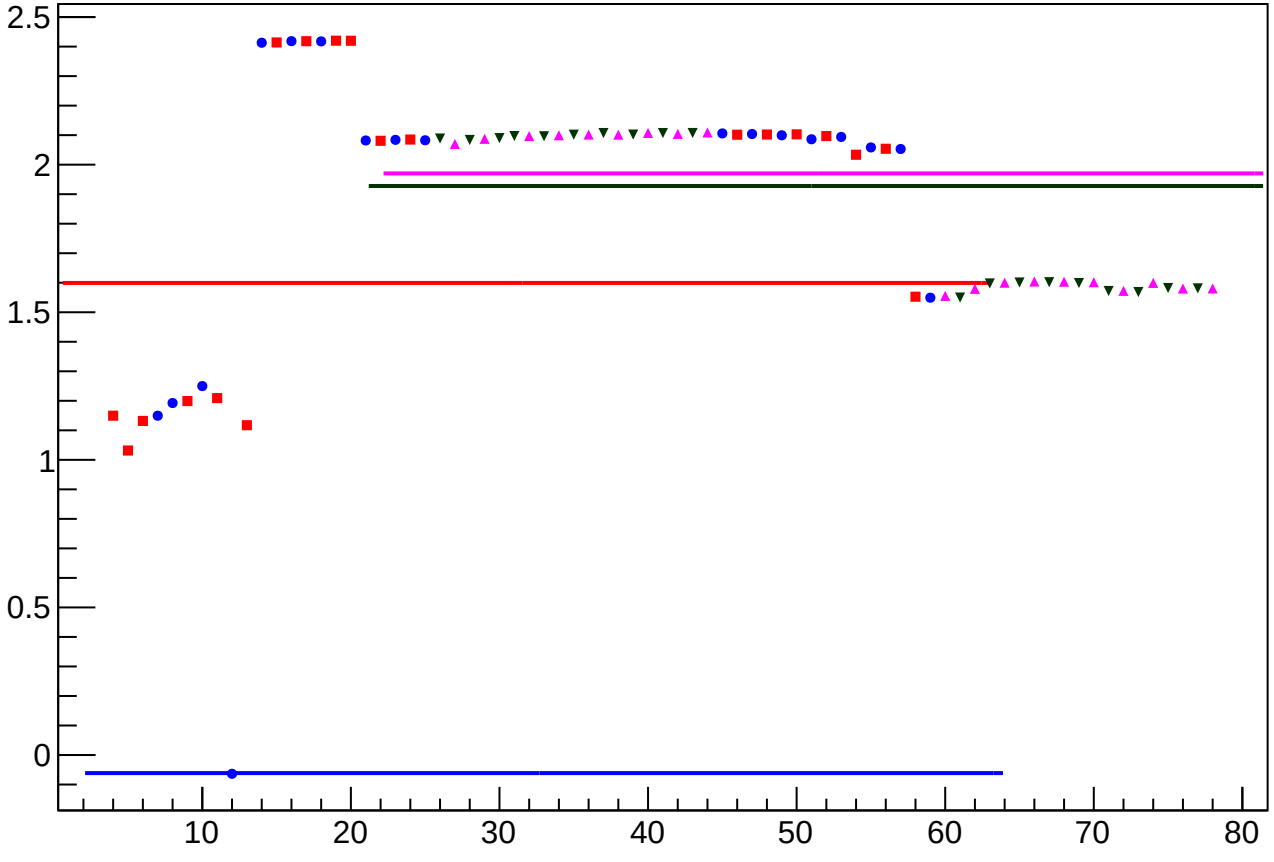
Right Out: 0.008+/-0.000 χ^2/NDF: 697414.3/18

Left In: 0.009+/-0.000 χ^2/NDF:598093.2/18

0.000+/-0.000 χ^2/NDF: 39023820.8/36

0.009+/-0.000 χ^2/NDF: 1561054.5/37

yield_bpm4acY_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF: 171003968524.2/17

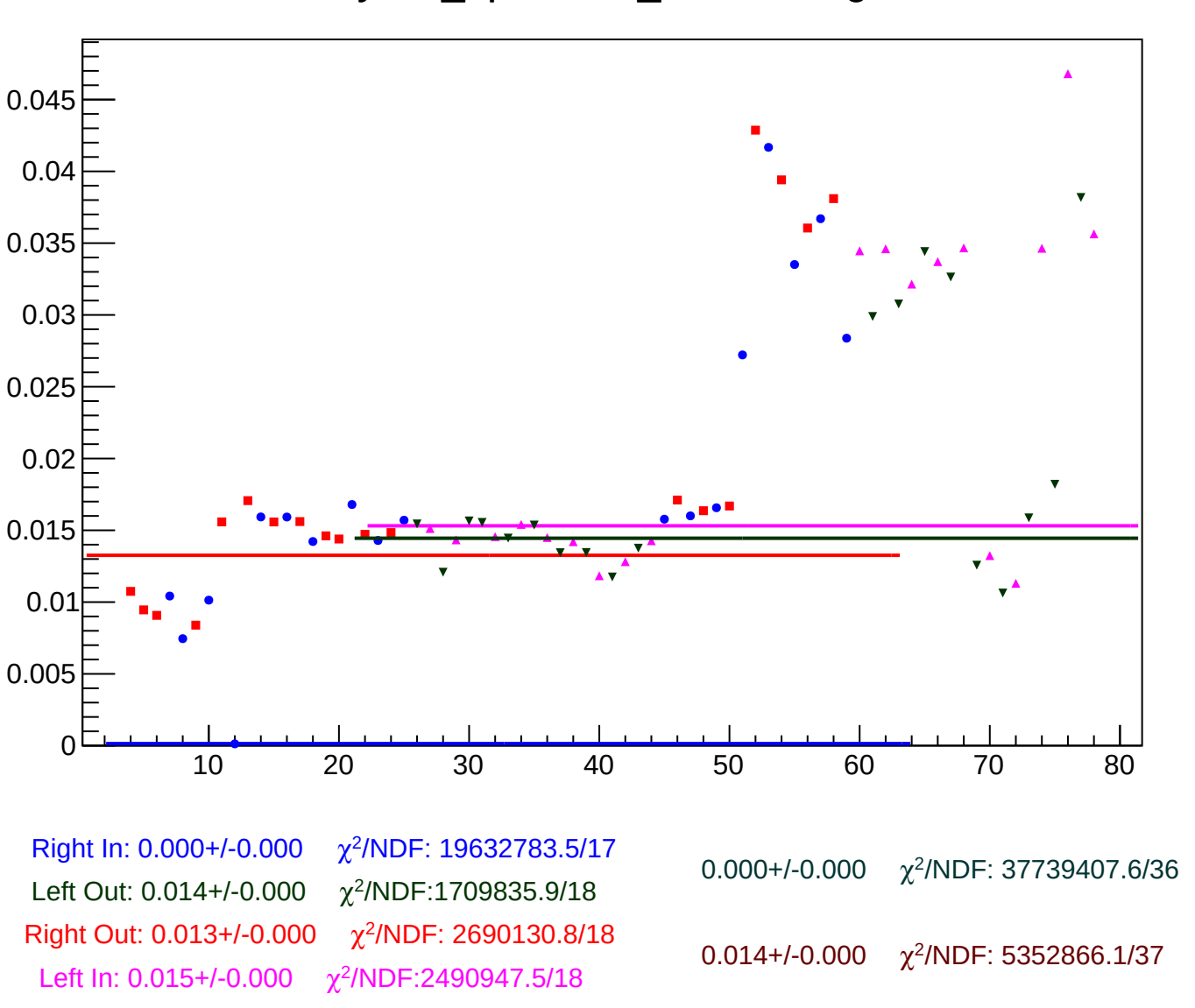
Left Out: 1.928+/-0.000 χ^2/NDF:2379941671.5/18

Right Out: 1.599+/-0.000 χ^2/NDF: 13096029057.2/18

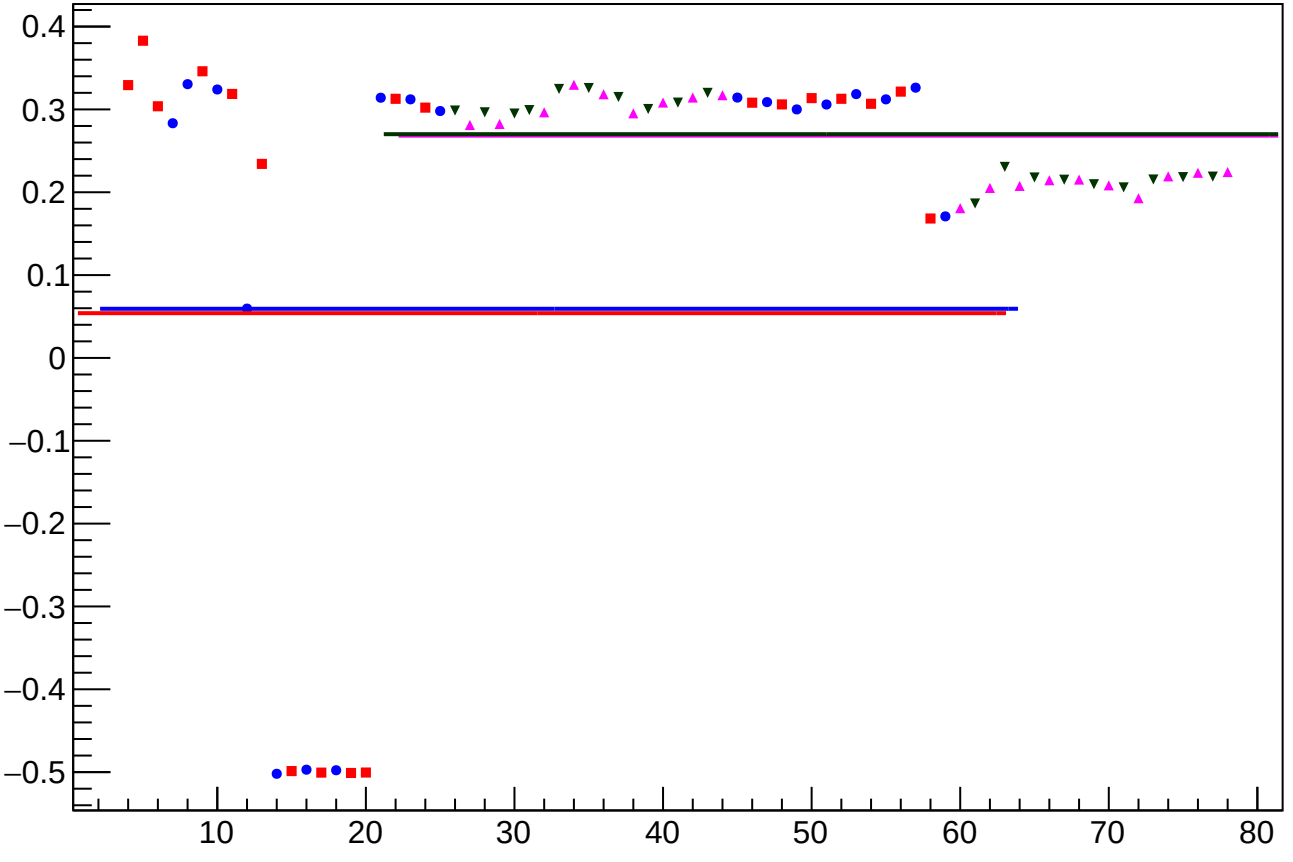
Left In: 1.970+/-0.000 χ^2/NDF:1775732798.5/18

-0.059+/-0.000 χ^2/NDF: 331878122371.1/36

1.764+/-0.000 χ^2/NDF: 17673984906.2/37


yield_bpm4acY_rms vs slug
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
20
30
40
50
60
70
80
Right In: 0.000+/-0.000 χ²/NDF: 19632783.5/17
Left Out: 0.014+/-0.000 χ²/NDF:1709835.9/18
Right Out: 0.013+/-0.000 χ²/NDF: 2690130.8/18
Left In: 0.015+/-0.000 χ²/NDF:2490947.5/18
0.000+/-0.000 χ²/NDF: 37739407.6/36
0.014+/-0.000 χ²/NDF: 5352866.1/37

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF: 3888801914.2/17

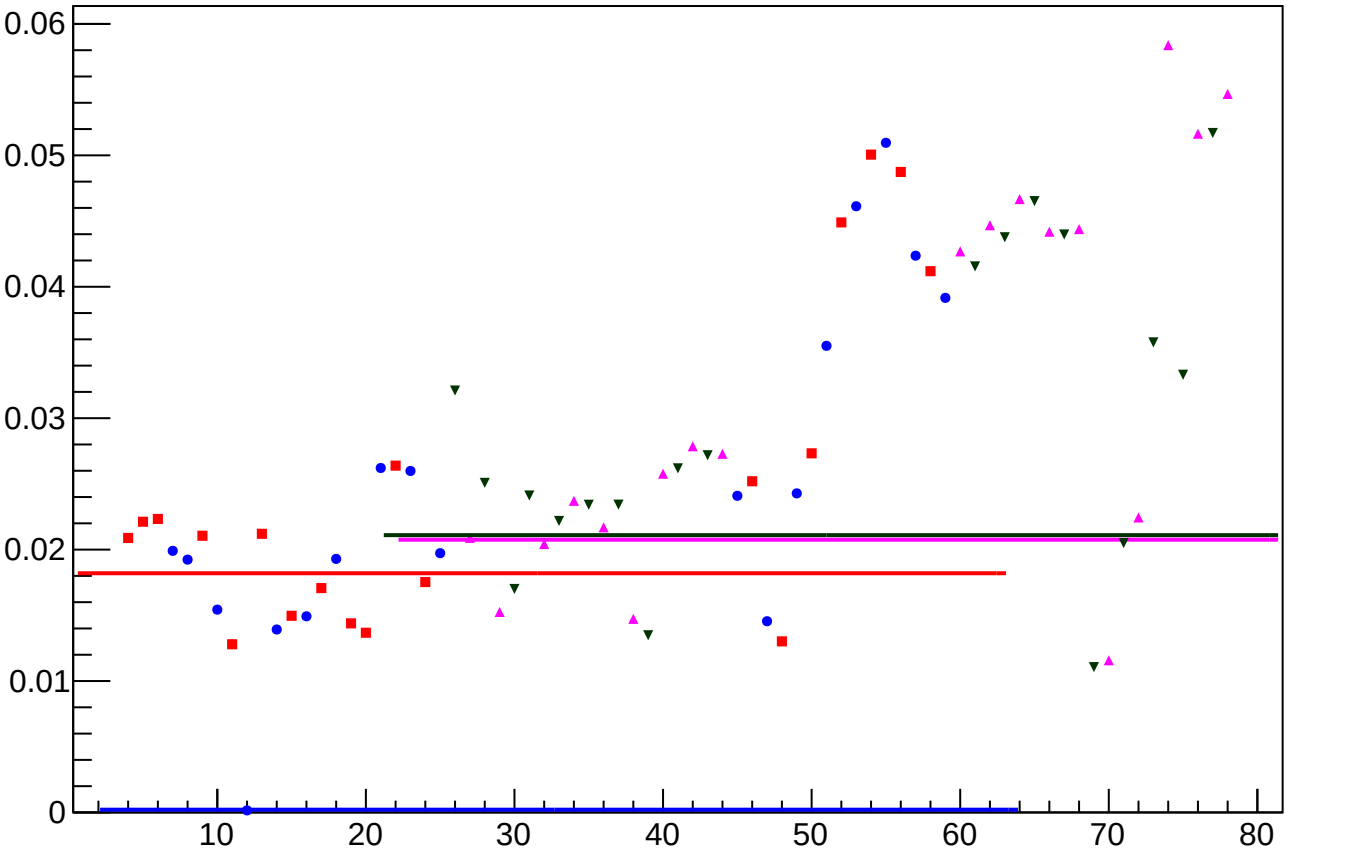
Left Out: 0.270+/-0.000 χ^2/NDF:40098943.7/18

Right Out: 0.054+/-0.000 χ^2/NDF: 3509628523.3/18

Left In: 0.268+/-0.000 χ^2/NDF:37701492.1/18

0.060+/-0.000 χ^2/NDF: 4715531855.6/36

0.147+/-0.000 χ^2/NDF: 4046471941.1/37



Right In: 0.000+/-0.000 χ^2/NDF: 19749394.2/17

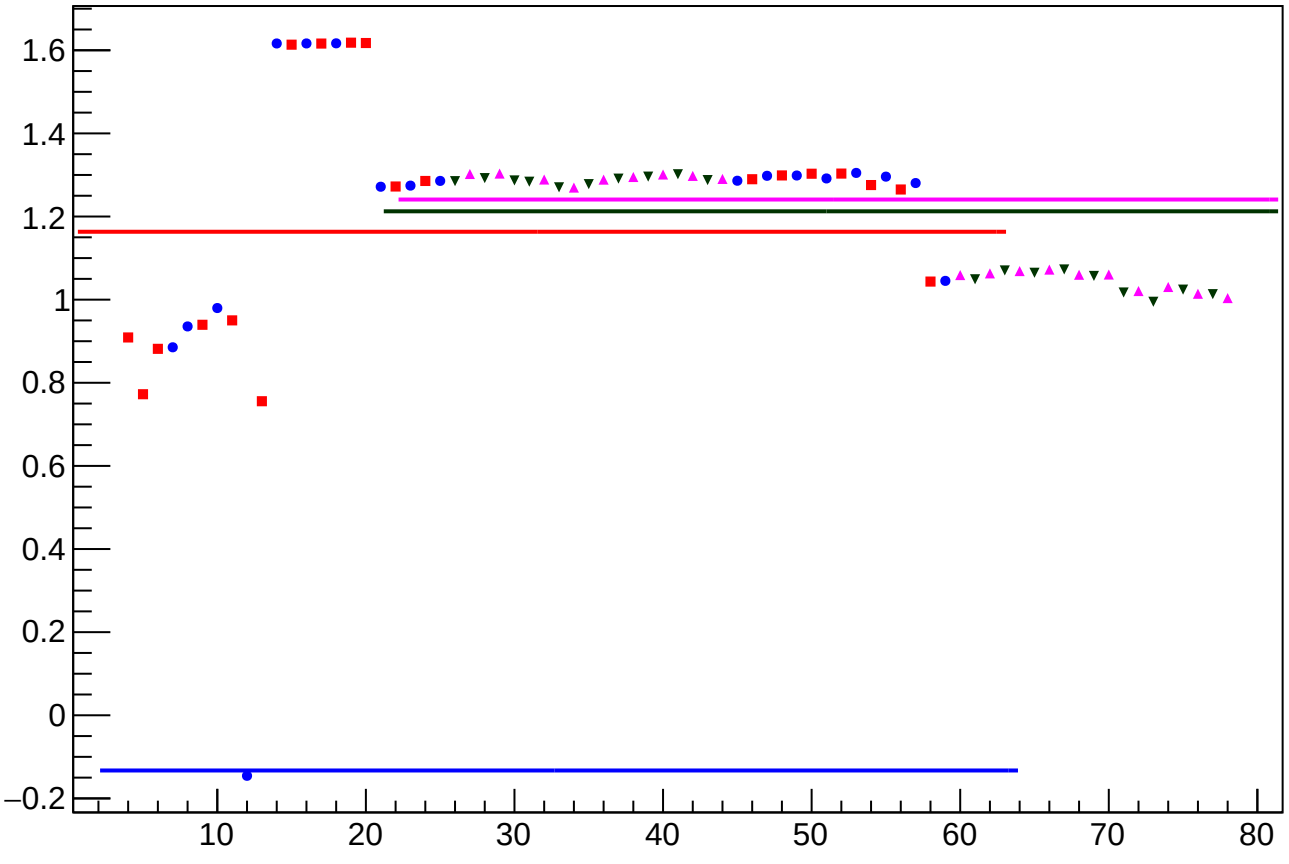
Left Out: 0.021+/-0.000 χ^2/NDF:3020040.8/18

Right Out: 0.018+/-0.000 χ^2/NDF: 2422437.2/18

Left In: 0.021+/-0.000 χ^2/NDF:3636875.6/18

0.000+/-0.000 χ^2/NDF: 38226682.3/36

0.019+/-0.000 χ^2/NDF: 6200952.1/37



Right In: -0.133+/-0.000 χ^2/NDF: 169320914657.8/17

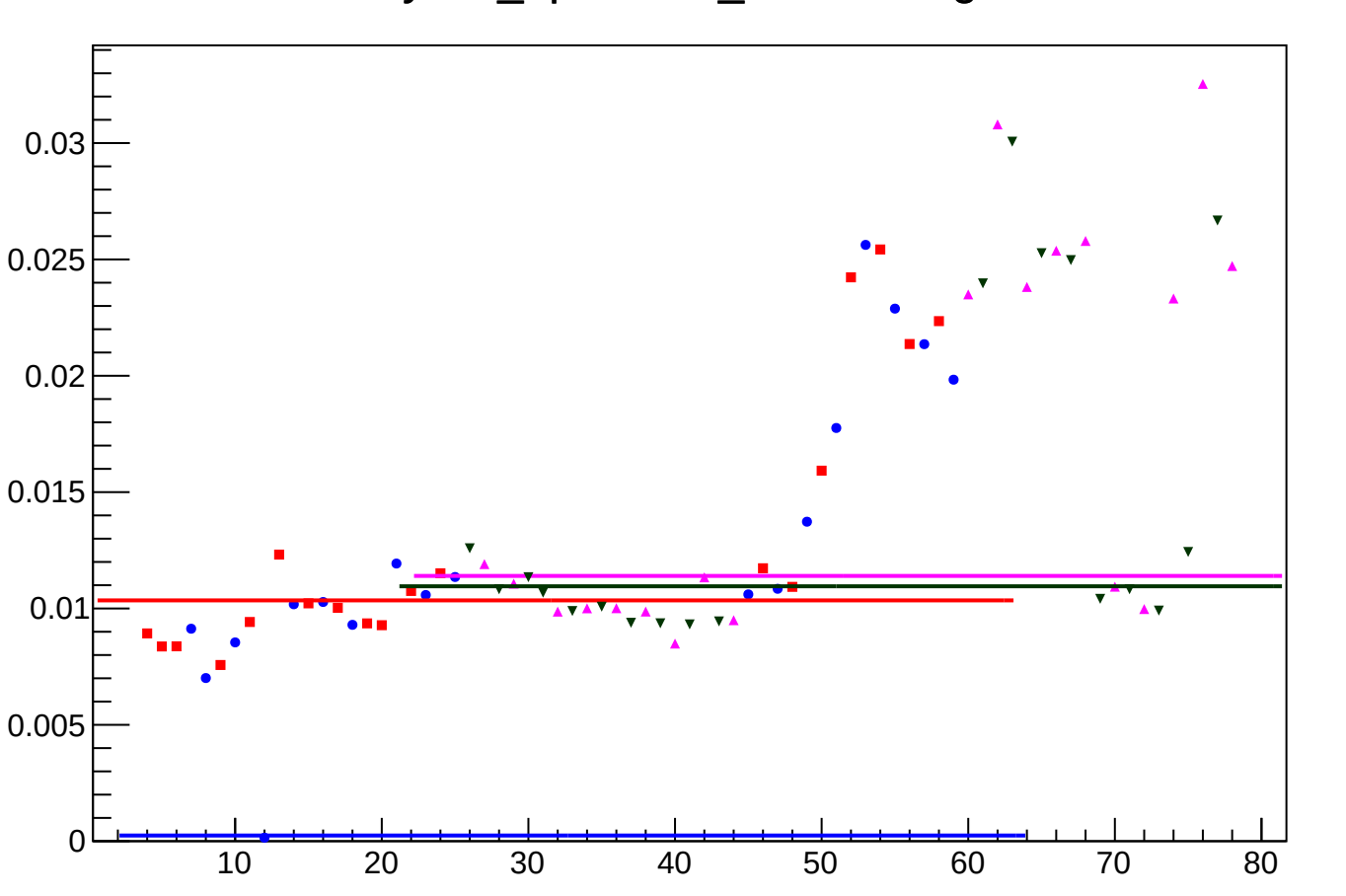
Left Out: 1.213+/-0.000 χ^2/NDF:1012866379.1/18

Right Out: 1.163+/-0.000 χ^2/NDF: 7253036603.9/18

Left In: 1.241+/-0.000 χ^2/NDF:695123858.5/18

-0.123+/-0.000 χ^2/NDF: 297138590890.5/36

1.199+/-0.000 χ^2/NDF: 8165239362.7/37



Right In: 0.000+/-0.000 χ^2/NDF: 19204976.4/17

Left Out: 0.011+/-0.000 χ^2/NDF:1637831.1/18

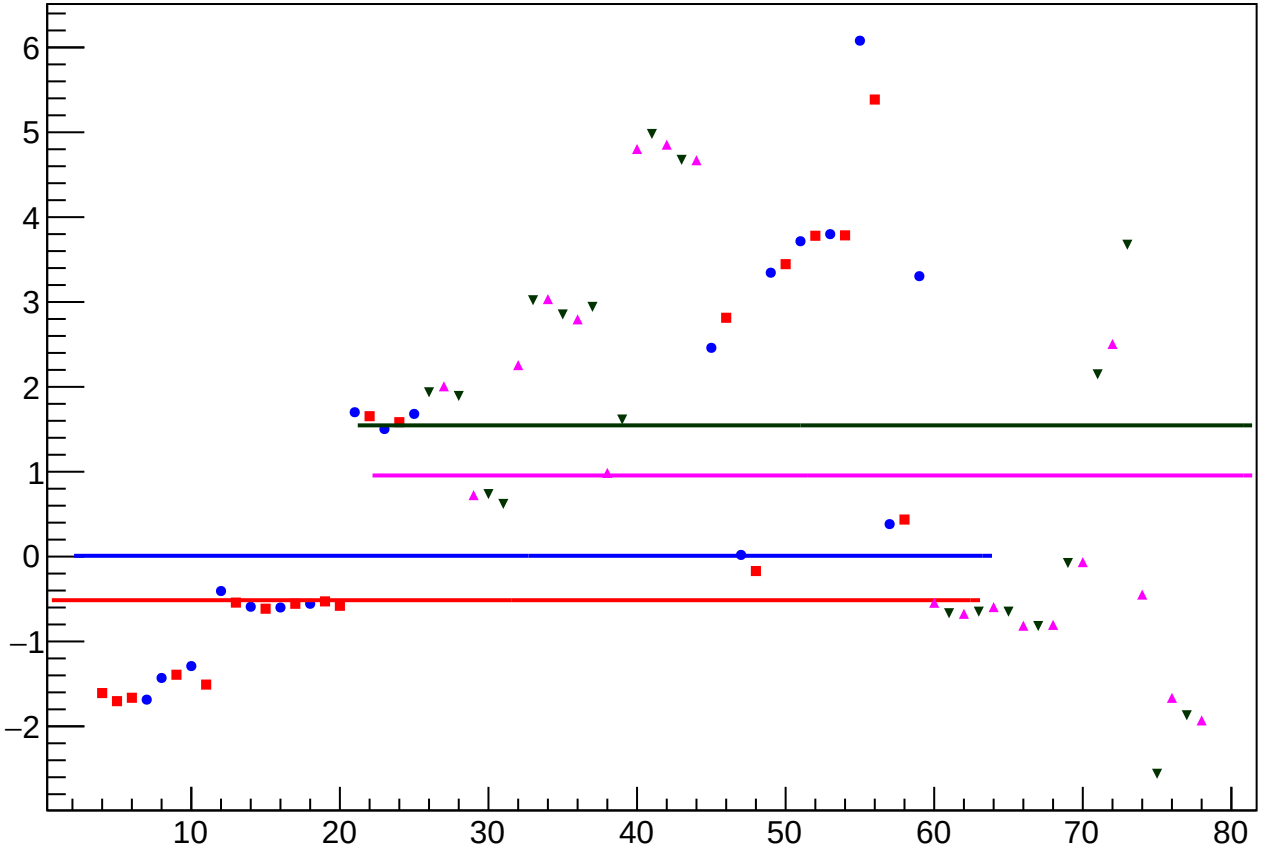
Right Out: 0.010+/-0.000 χ^2/NDF: 1619353.0/18

Left In: 0.011+/-0.000 χ^2/NDF:2446411.3/18

0.000+/-0.000 χ^2/NDF: 36915842.2/36

0.011+/-0.000 χ^2/NDF: 4145620.8/37

yield_bpm1X_mean vs slug



Right In: 0.009+/-0.000 χ^2/NDF: 18135045883.2/17

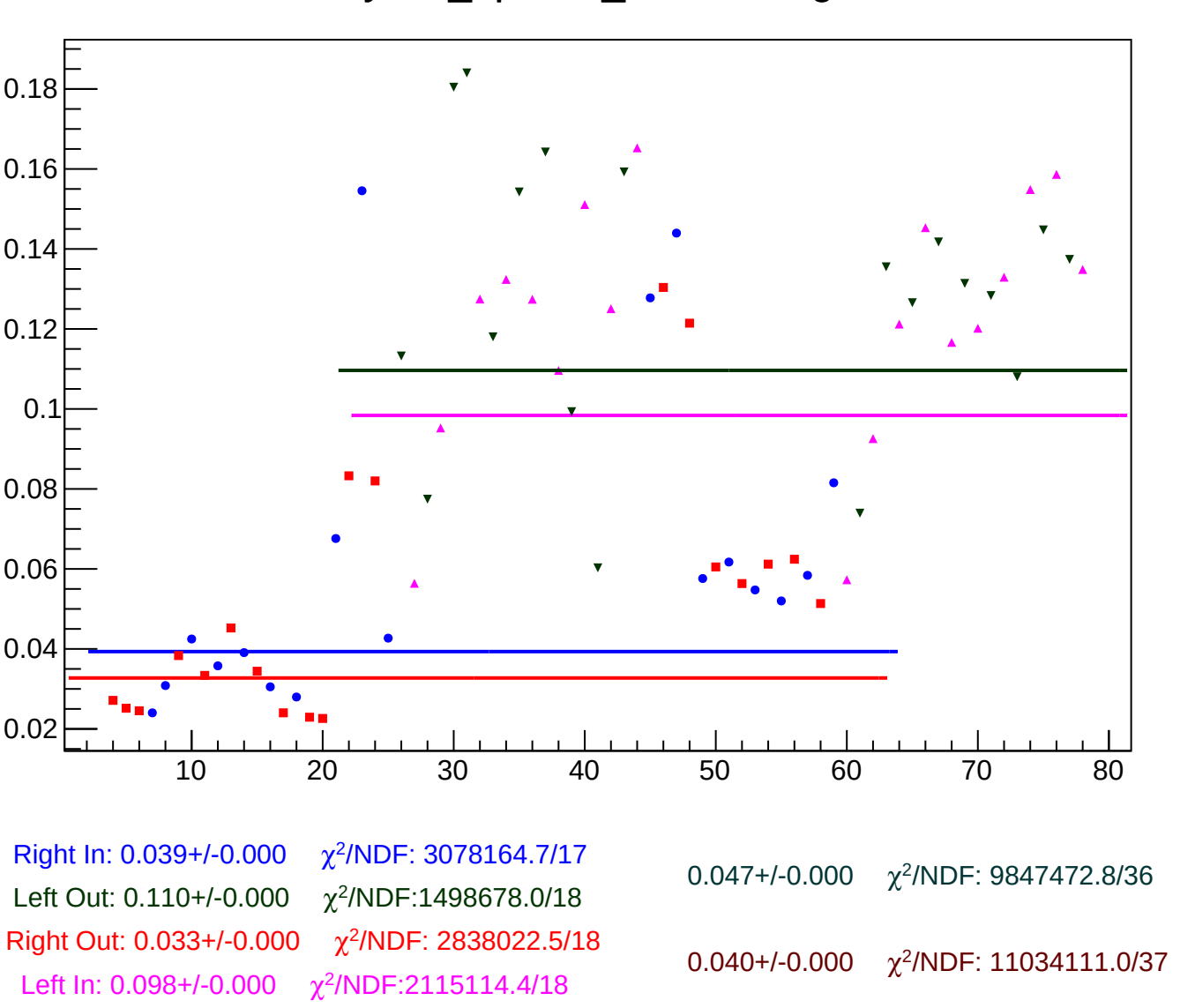
Left Out: 1.546+/-0.000 χ^2/NDF:2887245028.4/18

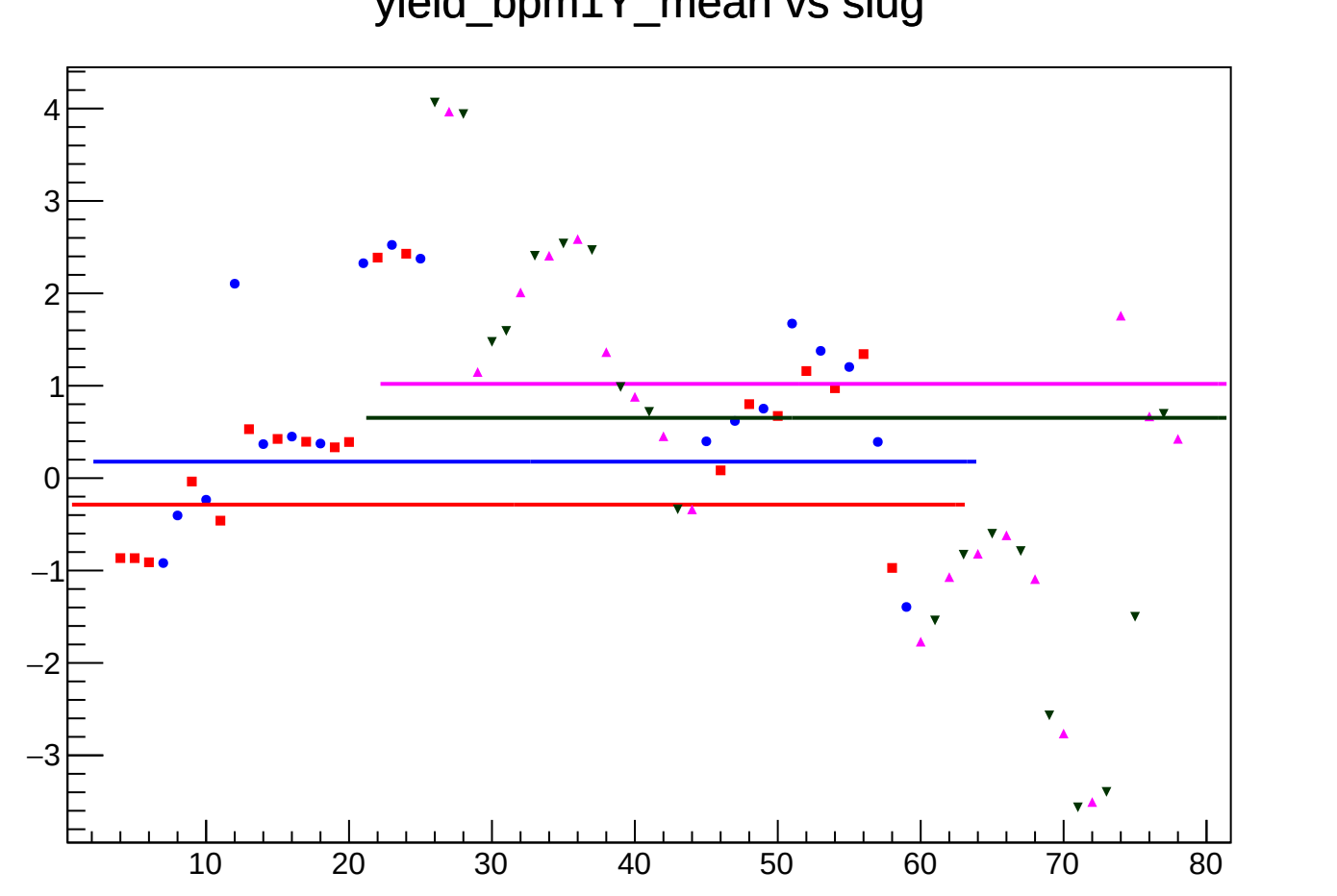
Right Out: -0.514+/-0.000 χ^2/NDF: 14474436949.2/18

Left In: 0.956+/-0.000 χ^2/NDF:2515981753.6/18

0.181+/-0.000 χ^2/NDF: 22281728451.6/36

-0.345+/-0.000 χ^2/NDF: 18514444640.2/37


yield_bpm1X_rms vs slug
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
10
20
30
40
50
60
70
80
Right In: 0.039+/-0.000 χ²/NDF: 3078164.7/17
Left Out: 0.110+/-0.000 χ²/NDF:1498678.0/18
Right Out: 0.033+/-0.000 χ²/NDF: 2838022.5/18
Left In: 0.098+/-0.000 χ²/NDF:2115114.4/18
0.047+/-0.000 χ²/NDF: 9847472.8/36
0.040+/-0.000 χ²/NDF: 11034111.0/37



Right In: 0.178+/-0.000 χ^2/NDF: 9482704623.3/17

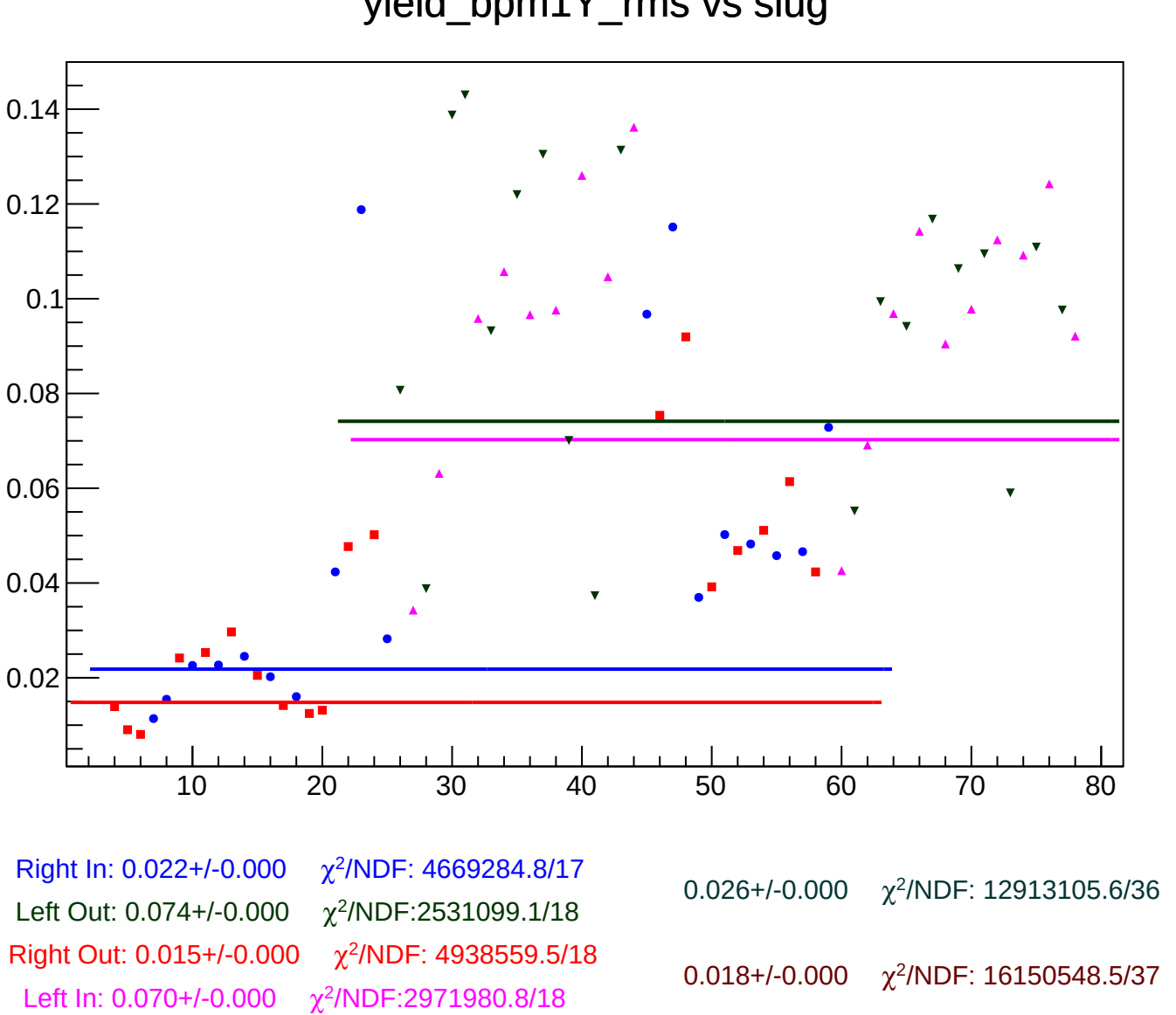
Left Out: 0.652+/-0.000 χ^2/NDF:6394707016.7/18

Right Out: -0.286+/-0.000 χ^2/NDF: 10734675455.5/18

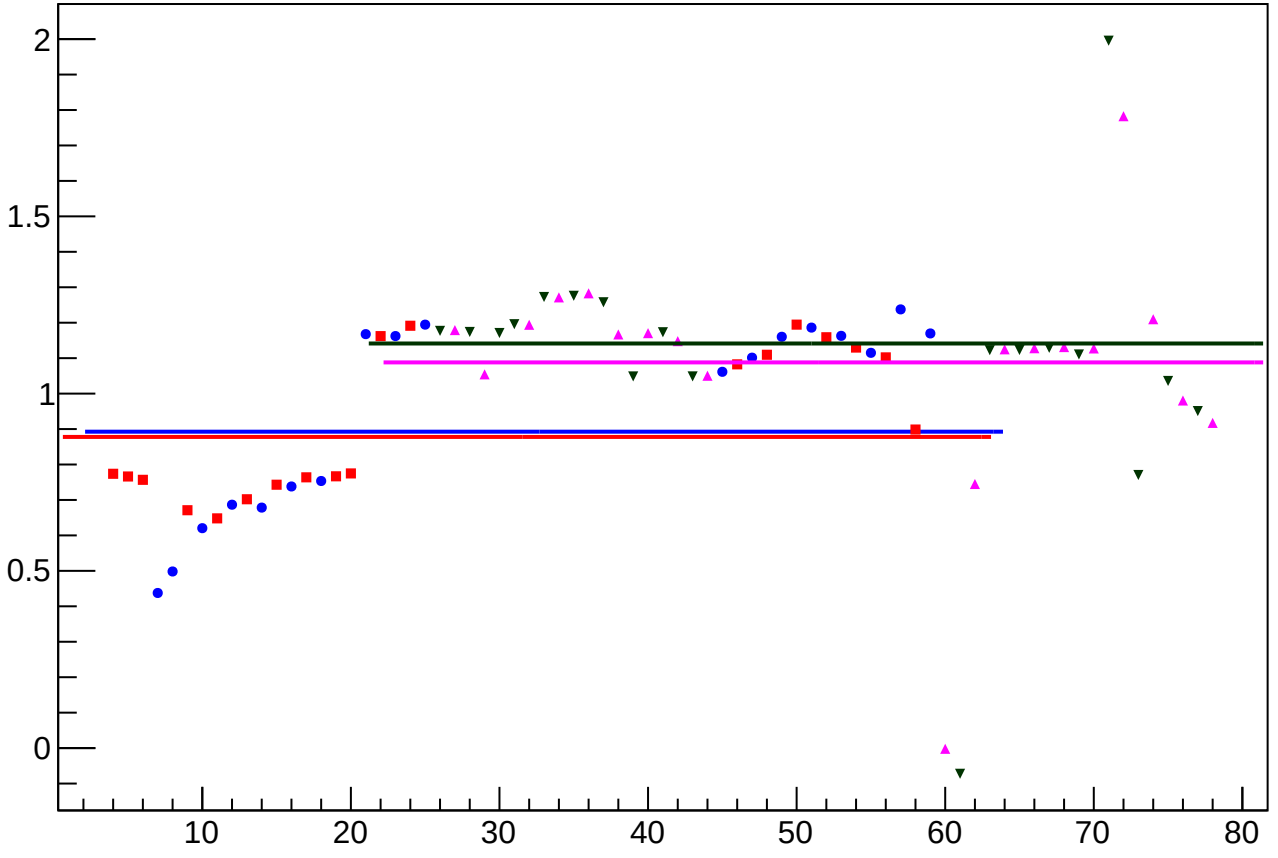
Left In: 1.020+/-0.000 χ^2/NDF:7580928674.5/18

0.218+/-0.000 χ^2/NDF: 16111944857.1/36

-0.206+/-0.000 χ^2/NDF: 20602680149.7/37


yield_bpm1Y_rms vs slug
0.14
0.12
0.1
0.08
0.06
0.04
0.02
10
20
30
40
50
60
70
80
Right In: 0.022+/-0.000 χ²/NDF: 4669284.8/17
Left Out: 0.074+/-0.000 χ²/NDF:2531099.1/18
Right Out: 0.015+/-0.000 χ²/NDF: 4938559.5/18
Left In: 0.070+/-0.000 χ²/NDF:2971980.8/18
0.026+/-0.000 χ²/NDF: 12913105.6/36
0.018+/-0.000 χ²/NDF: 16150548.5/37

yield_bpm11X_mean vs slug



Right In: 0.893+/-0.000 χ^2/NDF: 1629156385.0/17

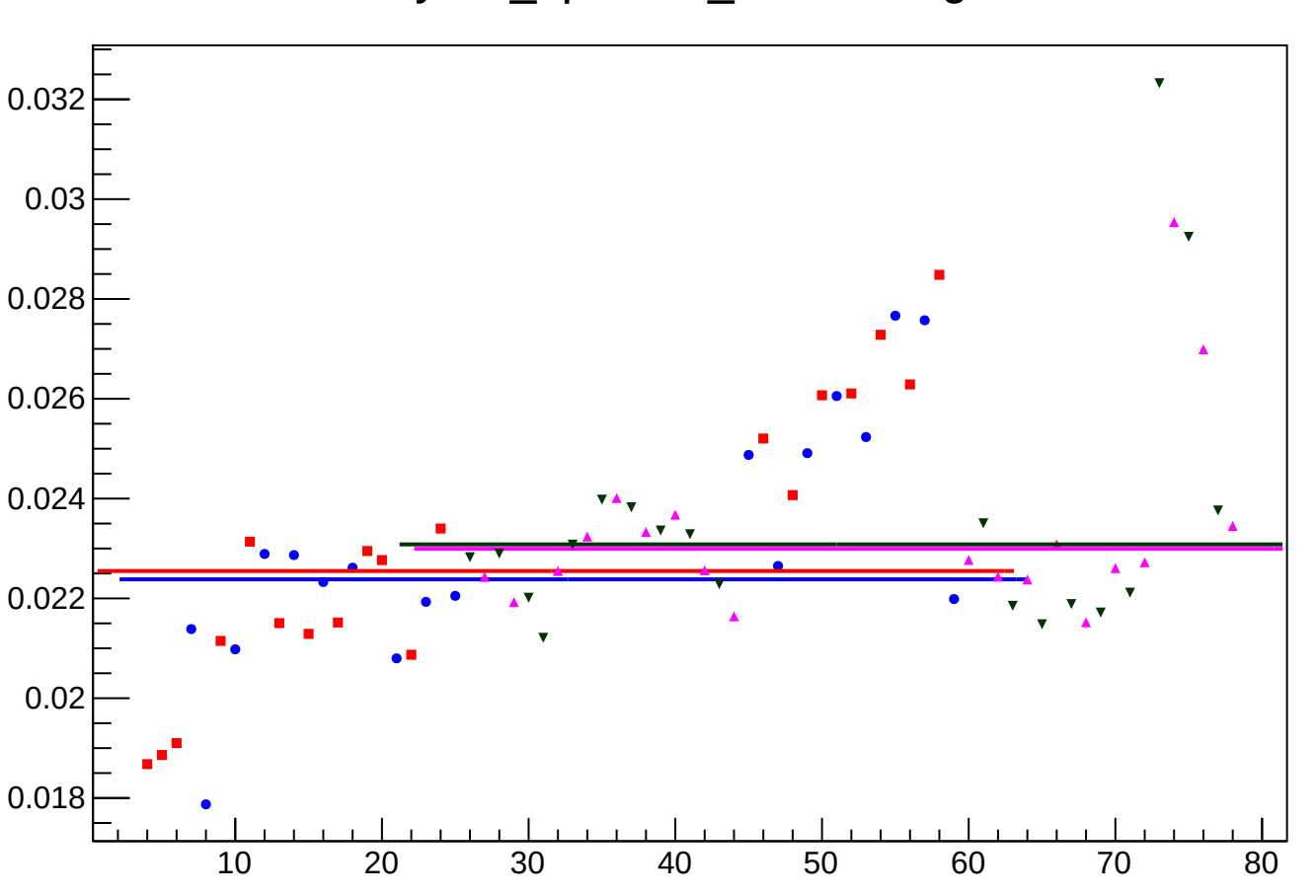
Left Out: 1.141+/-0.000 χ^2/NDF:2019957513.1/18

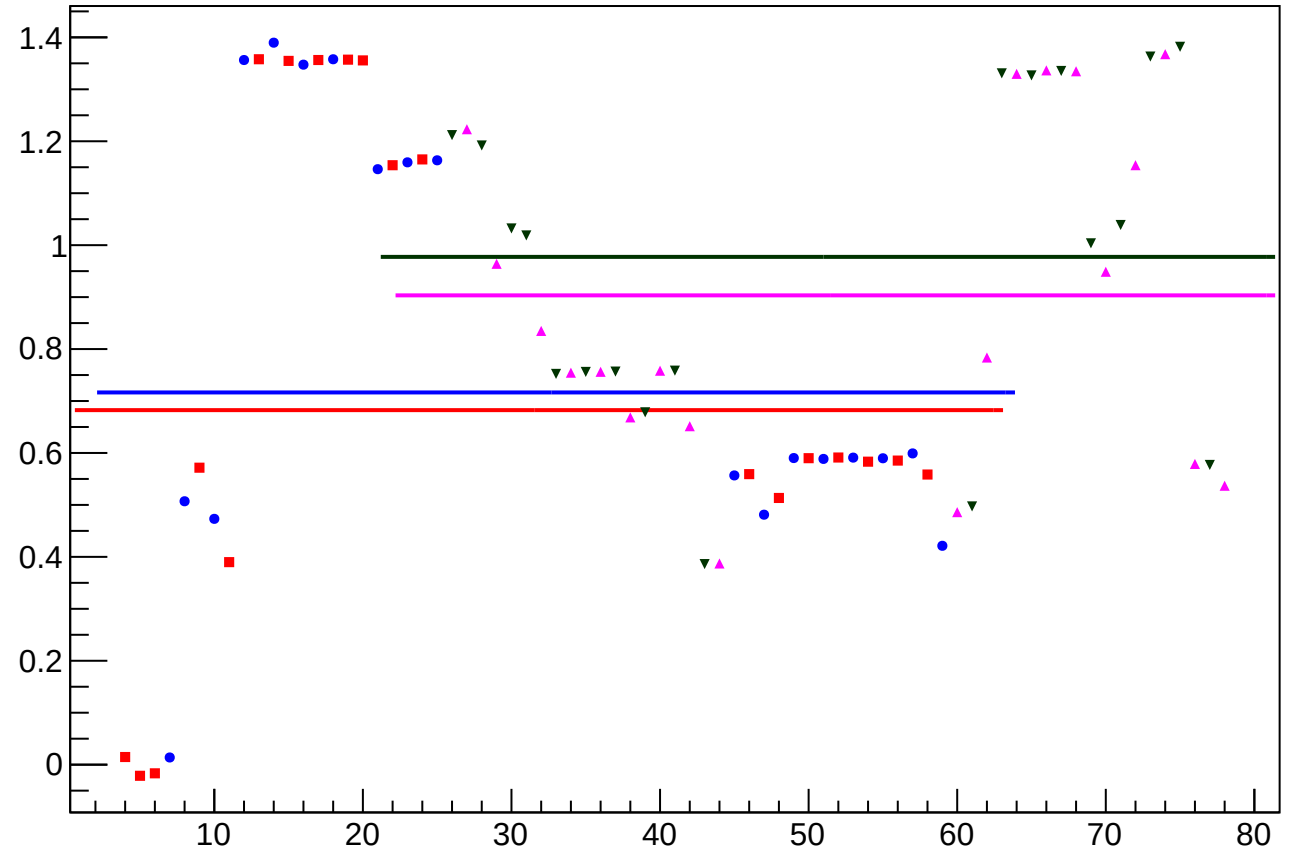
Right Out: 0.878+/-0.000 χ^2/NDF: 761495098.5/18

Left In: 1.088+/-0.000 χ^2/NDF:1790485170.1/18

1.005+/-0.000 χ^2/NDF: 4250712981.5/36

0.985+/-0.000 χ^2/NDF: 2972435675.9/37


yield_bpm11X_rms vs slug
0.032
0.03
0.028
0.026
0.024
0.022
0.02
0.018
10
20
30
40
50
60
70
80
Right In: 0.022+/-0.000 χ²/NDF: 264611.3/17
Left Out: 0.023+/-0.000 χ²/NDF:152789.2/18
Right Out: 0.023+/-0.000 χ²/NDF: 246194.4/18
Left In: 0.023+/-0.000 χ²/NDF:88591.8/18
0.023+/-0.000 χ²/NDF: 426936.4/36
0.023+/-0.000 χ²/NDF: 338567.1/37



Right In: 0.716+/-0.000 χ^2/NDF: 131330740430.7/17

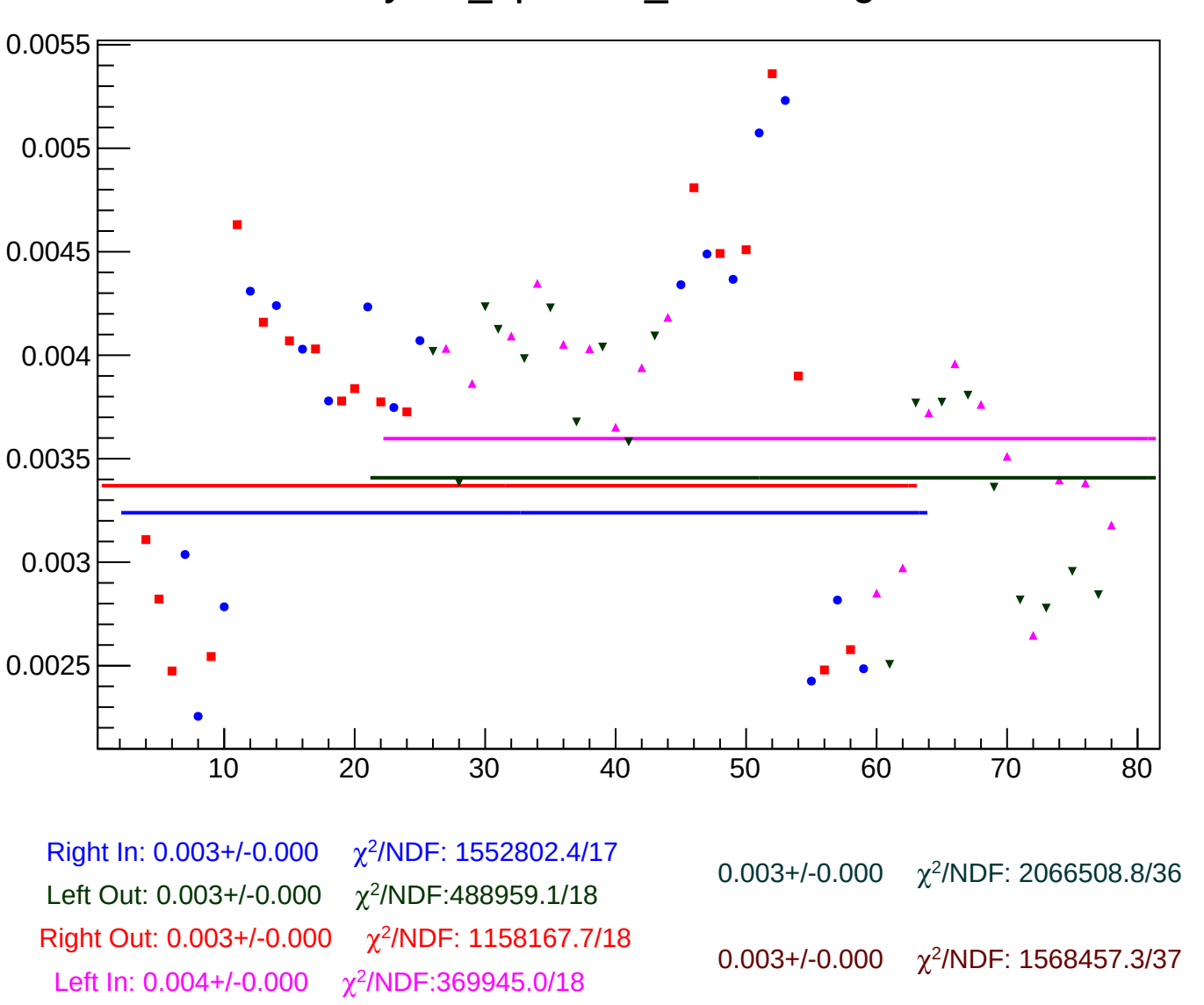
Left Out: 0.977+/-0.000 χ^2/NDF:79565976094.3/18

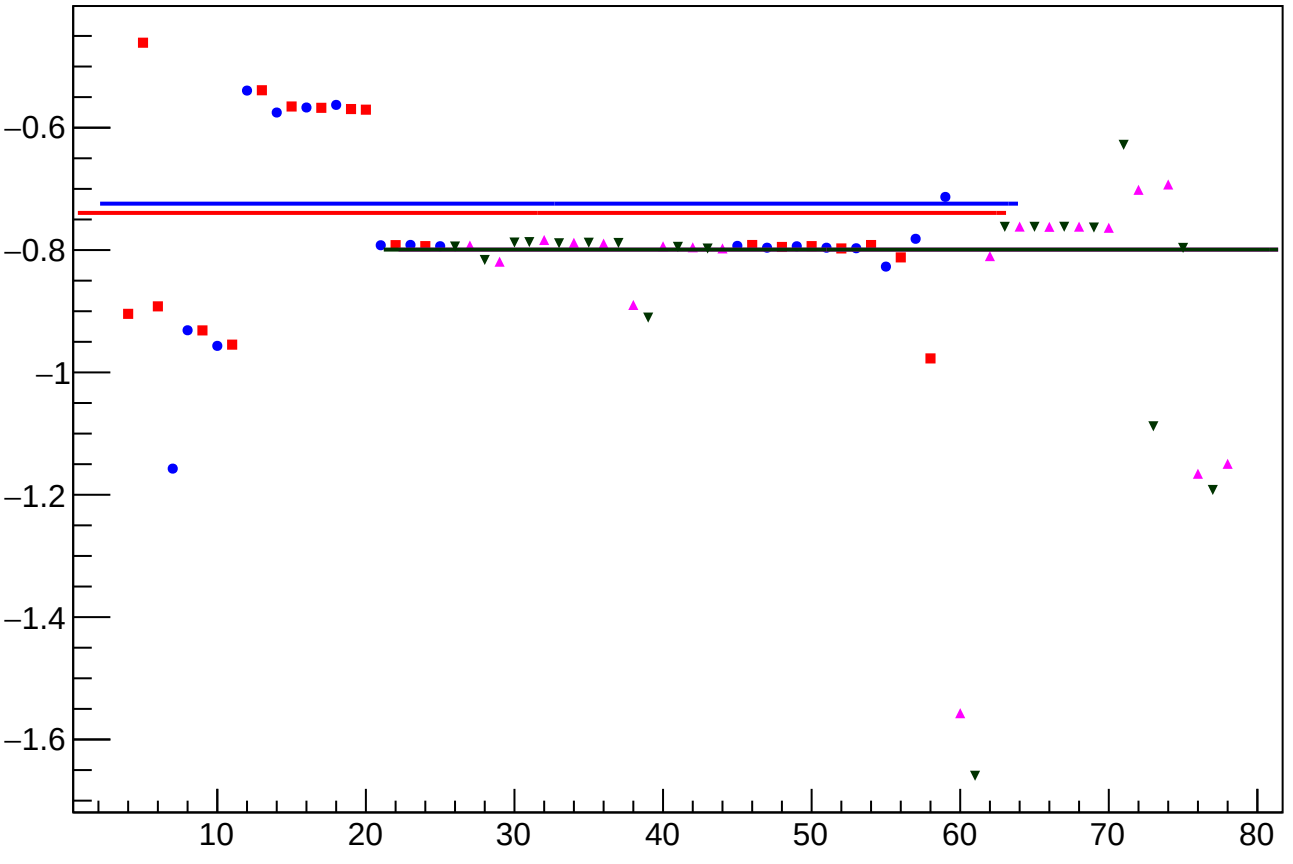
Right Out: 0.682+/-0.000 χ^2/NDF: 168328456976.2/18

Left In: 0.903+/-0.000 χ^2/NDF:70614413275.8/18

0.835+/-0.000 χ^2/NDF: 240409977849.1/36

0.791+/-0.000 χ^2/NDF: 258008696635.7/37


yield_bpm11Y_rms vs slug
0.0055
0.005
0.0045
0.004
0.0035
0.003
0.0025
10
20
30
40
50
60
70
80
Right In: 0.003+/-0.000 χ²/NDF: 1552802.4/17
Left Out: 0.003+/-0.000 χ²/NDF:488959.1/18
Right Out: 0.003+/-0.000 χ²/NDF: 1158167.7/18
Left In: 0.004+/-0.000 χ²/NDF:369945.0/18
0.003+/-0.000 χ²/NDF: 2066508.8/36
0.003+/-0.000 χ²/NDF: 1568457.3/37



Right In: -0.724+/-0.000 χ^2/NDF: 2243966662.4/17

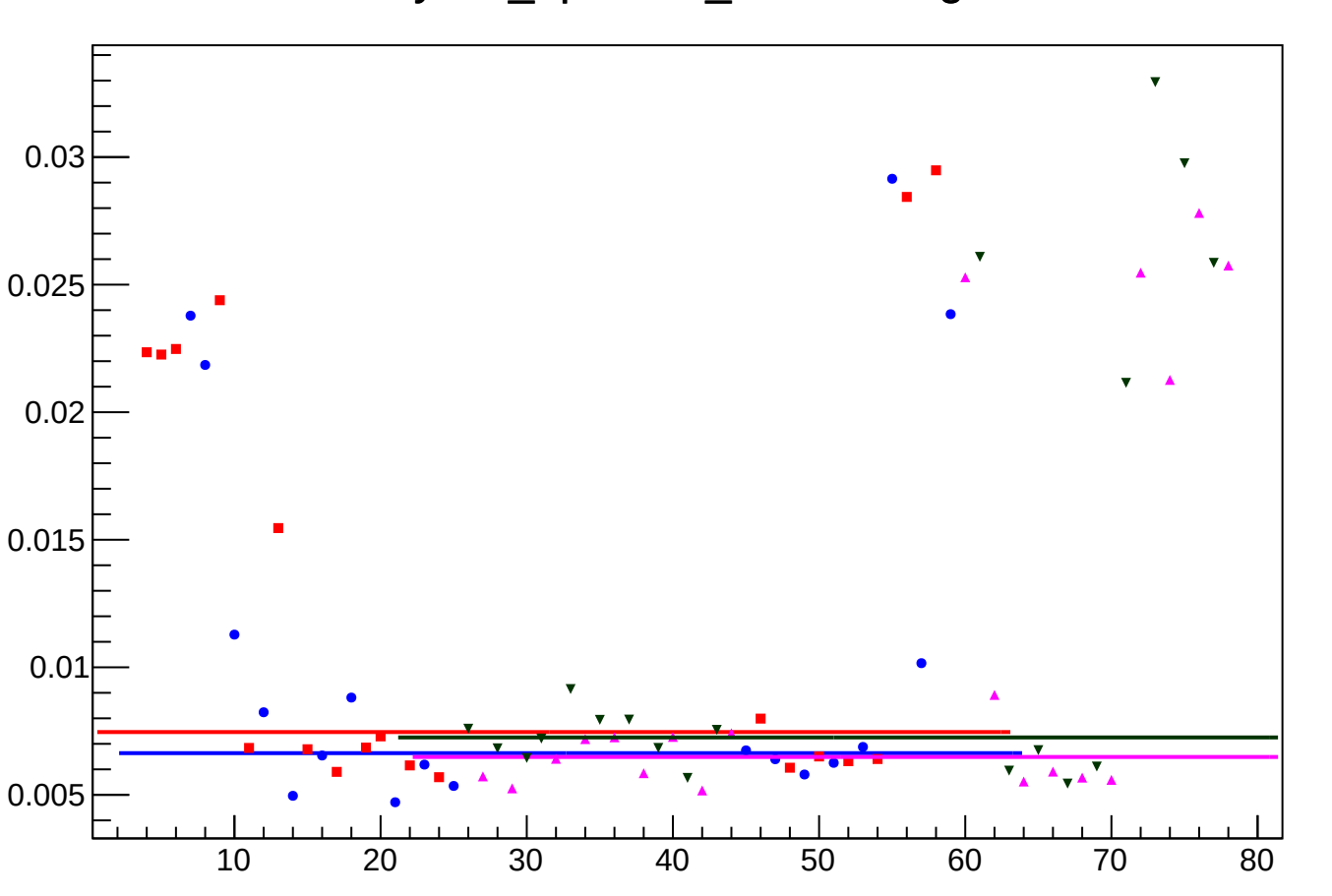
Left Out: -0.799+/-0.000 χ^2/NDF:809406493.7/18

Right Out: -0.739+/-0.000 χ^2/NDF: 1945829237.2/18

Left In: -0.799+/-0.000 χ^2/NDF:831651981.6/18

-0.757+/-0.000 χ^2/NDF: 3446083279.6/36

-0.775+/-0.000 χ^2/NDF: 3017739014.8/37



Right In: 0.007+/-0.000 χ^2/NDF: 3347518.2/17

Left Out: 0.007+/-0.000 χ^2/NDF:2808731.8/18

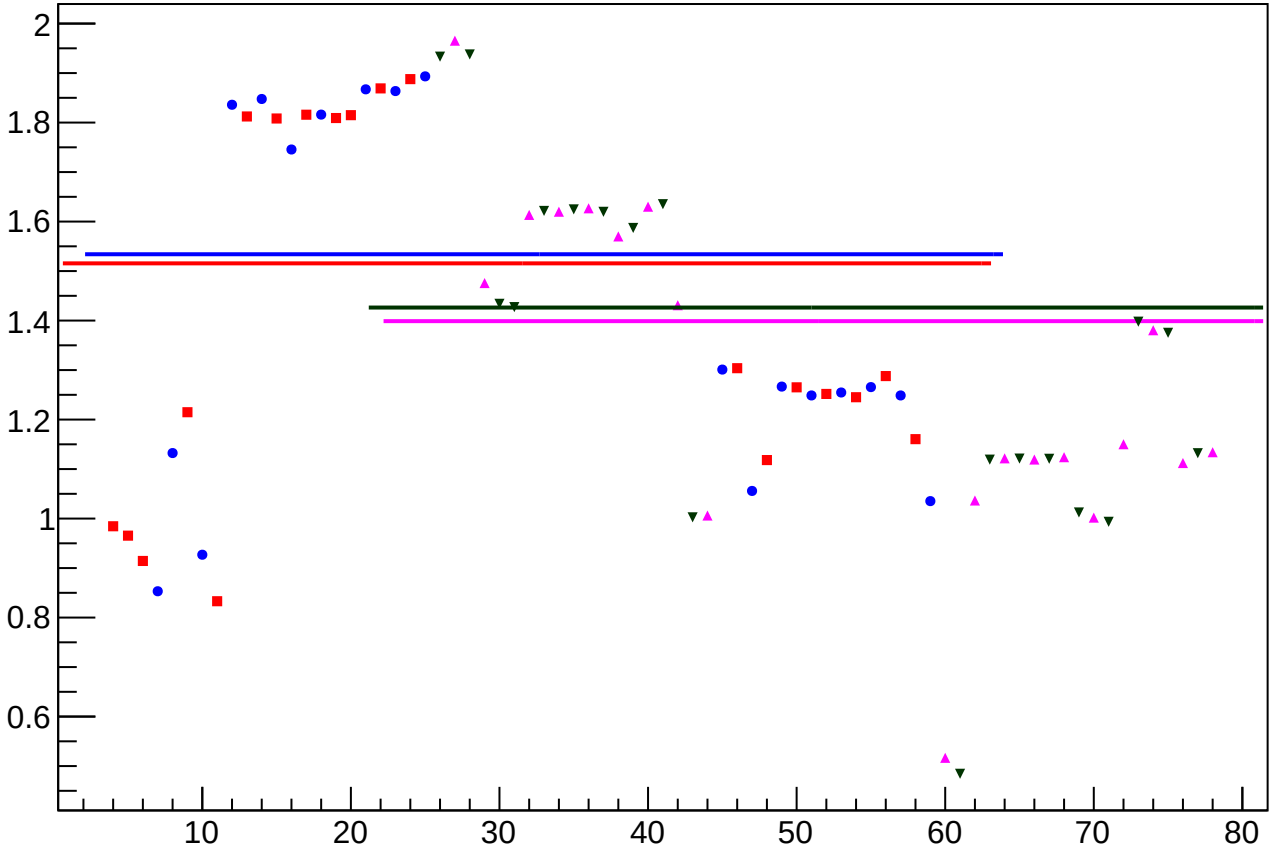
Right Out: 0.007+/-0.000 χ^2/NDF: 3478880.3/18

Left In: 0.006+/-0.000 χ^2/NDF:2916913.1/18

0.007+/-0.000 χ^2/NDF: 6208999.5/36

0.007+/-0.000 χ^2/NDF: 6522825.7/37

yield_bpm12Y_mean vs slug



Right In: 1.534+/-0.000 χ^2/NDF: 22395382646.2/17

Left Out: 1.426+/-0.000 χ^2/NDF:17922882102.9/18

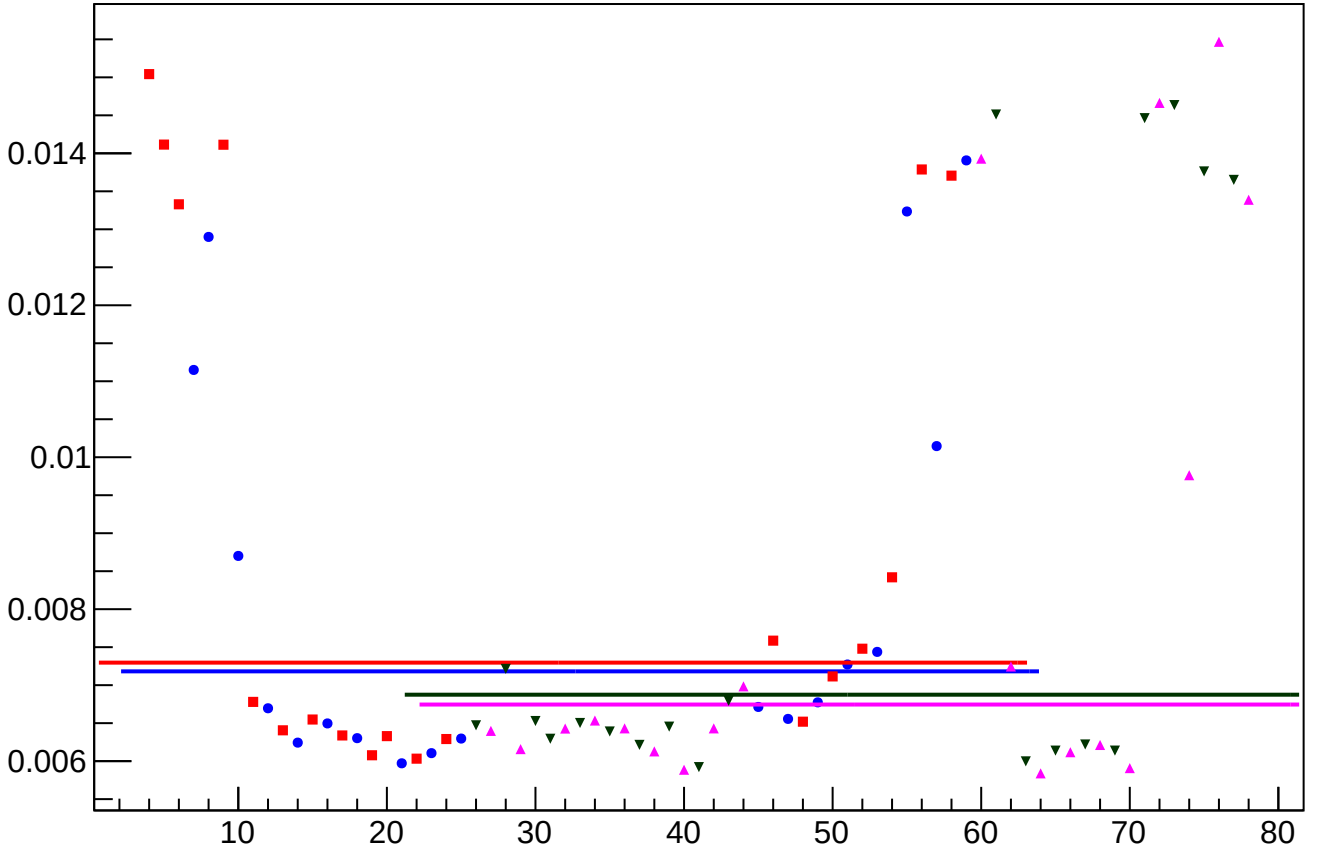
Right Out: 1.516+/-0.000 χ^2/NDF: 21754735470.0/18

Left In: 1.399+/-0.000 χ^2/NDF:19662942983.1/18

1.482+/-0.000 χ^2/NDF: 41384287757.3/36

1.450+/-0.000 χ^2/NDF: 42634618180.6/37

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 1305539.8/17

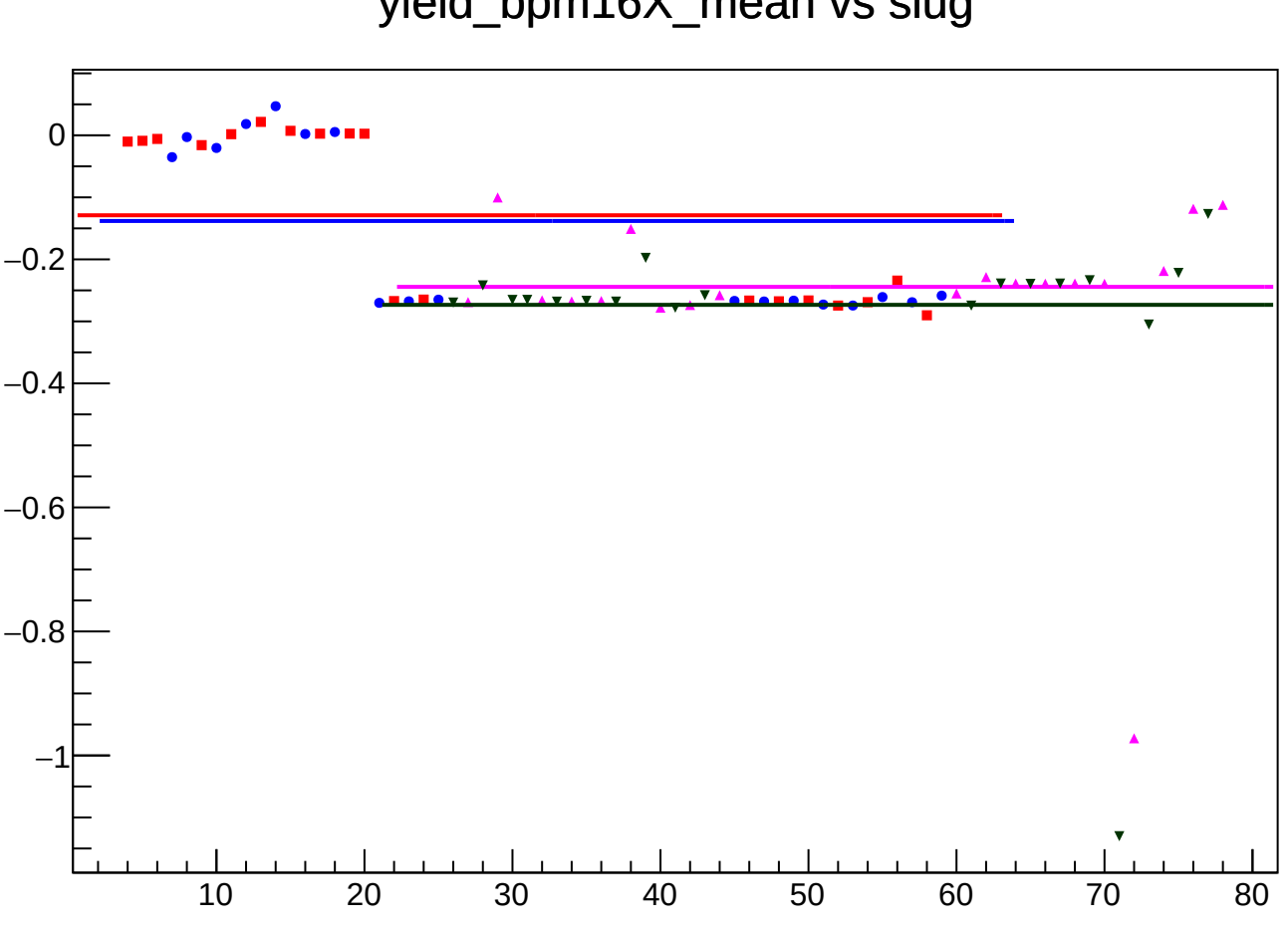
Left Out: 0.007+/-0.000 χ^2/NDF:1374997.6/18

Right Out: 0.007+/-0.000 χ^2/NDF: 1457854.6/18

Left In: 0.007+/-0.000 χ^2/NDF:1296906.9/18

0.007+/-0.000 χ^2/NDF: 2697894.2/36

0.007+/-0.000 χ^2/NDF: 2809108.5/37



Right In: -0.138+/-0.000 χ^2/NDF: 7275574194.7/17

Left Out: -0.273+/-0.000 χ^2/NDF:5896905253.5/18

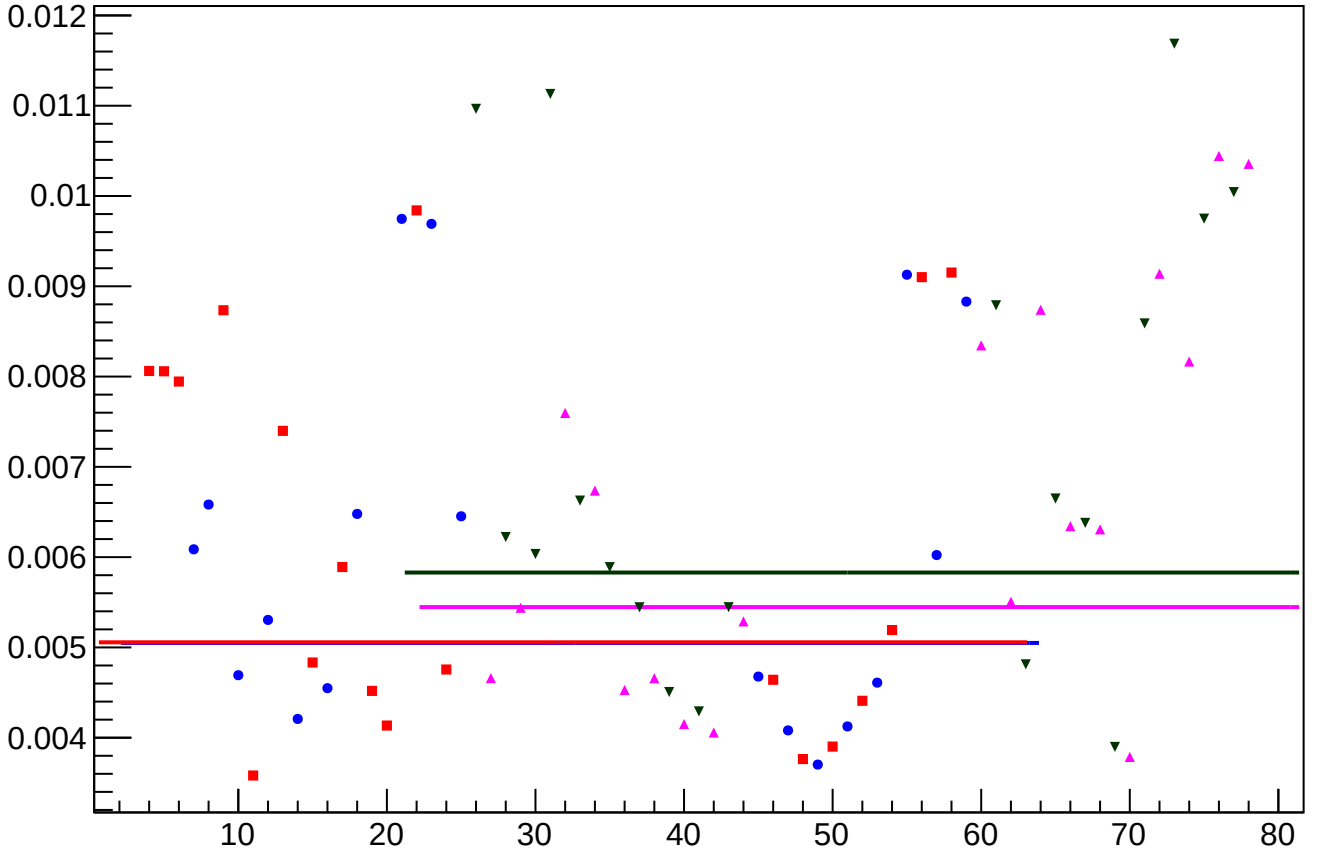
Right Out: -0.129+/-0.000 χ^2/NDF: 5878929515.5/18

Left In: -0.244+/-0.000 χ^2/NDF:3709803491.1/18

-0.192+/-0.000 χ^2/NDF: 15849538112.4/36

-0.185+/-0.000 χ^2/NDF: 11658142831.6/37

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF: 1664372.1/17

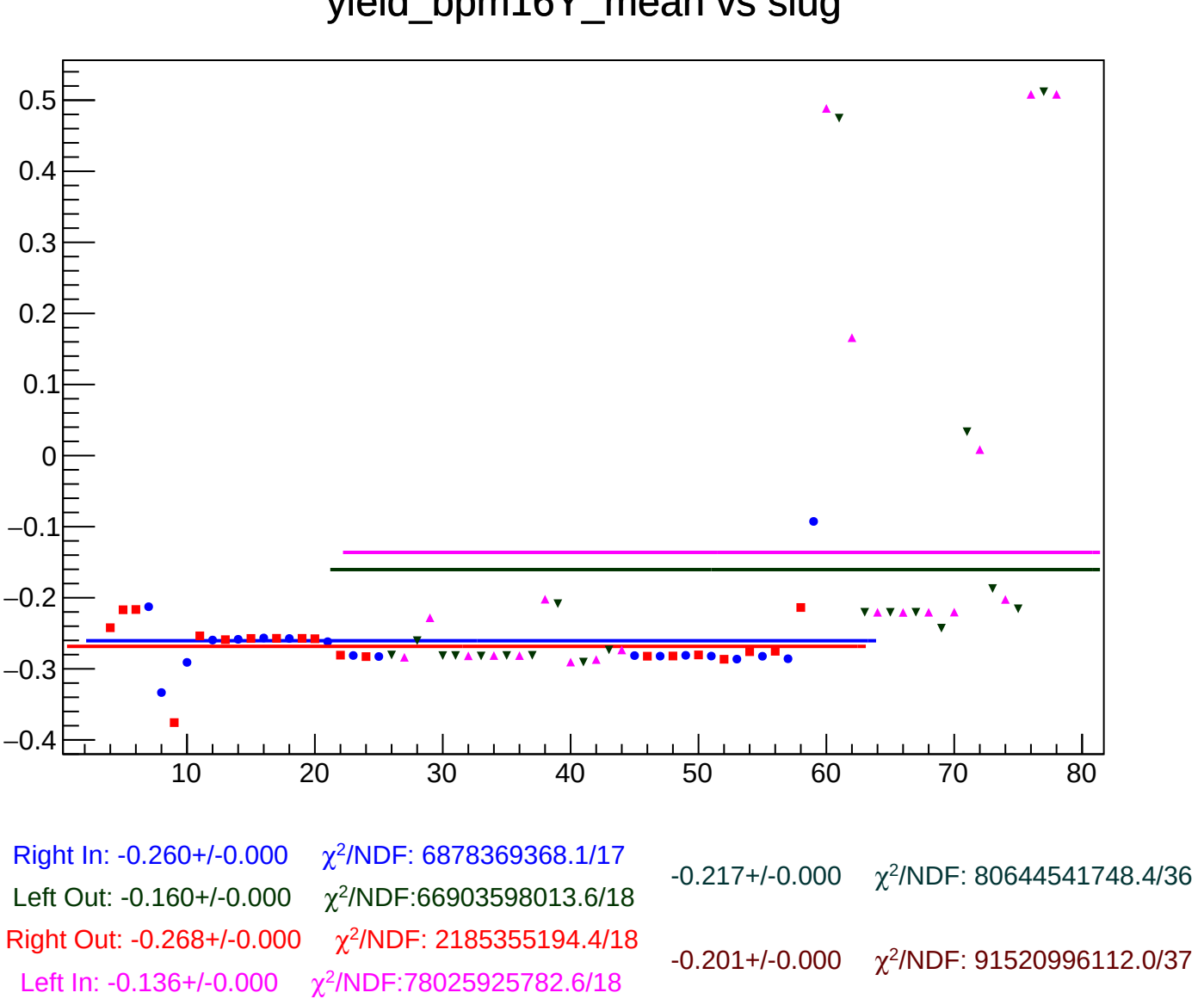
Left Out: 0.006+/-0.000 χ^2/NDF:1694797.9/18

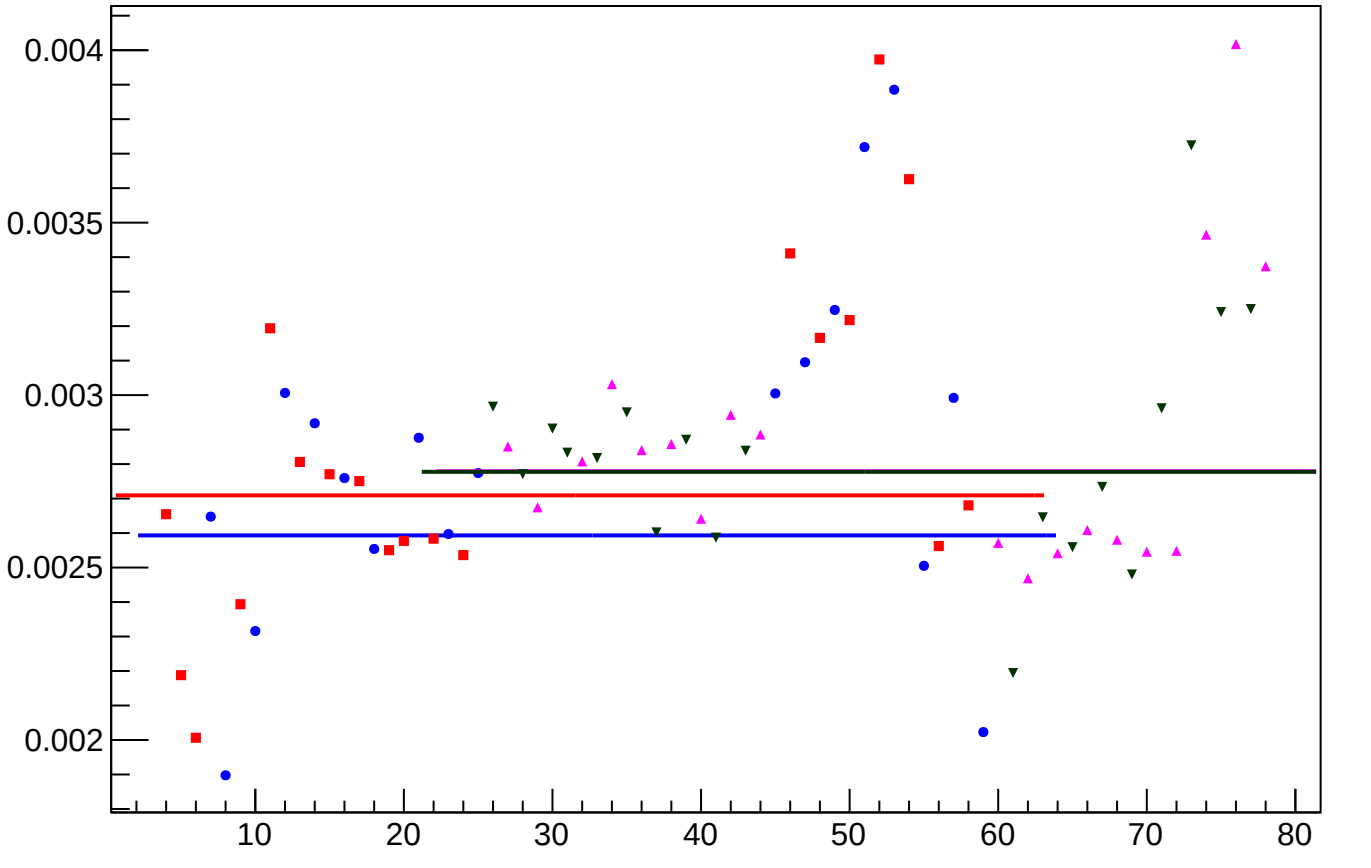
Right Out: 0.005+/-0.000 χ^2/NDF: 1822469.4/18

Left In: 0.005+/-0.000 χ^2/NDF:1635963.4/18

0.005+/-0.000 χ^2/NDF: 3537120.3/36

0.005+/-0.000 χ^2/NDF: 3505716.4/37


yield_bpm16Y_mean vs slug
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
10
20
30
40
50
60
70
80
Right In: -0.260+/-0.000 χ²/NDF: 6878369368.1/17
Left Out: -0.160+/-0.000 χ²/NDF:66903598013.6/18
Right Out: -0.268+/-0.000 χ²/NDF: 2185355194.4/18
Left In: -0.136+/-0.000 χ²/NDF:78025925782.6/18
-0.217+/-0.000 χ²/NDF: 80644541748.4/36
-0.201+/-0.000 χ²/NDF: 91520996112.0/37



Right In: 0.003+/-0.000 χ^2/NDF: 774114.6/17

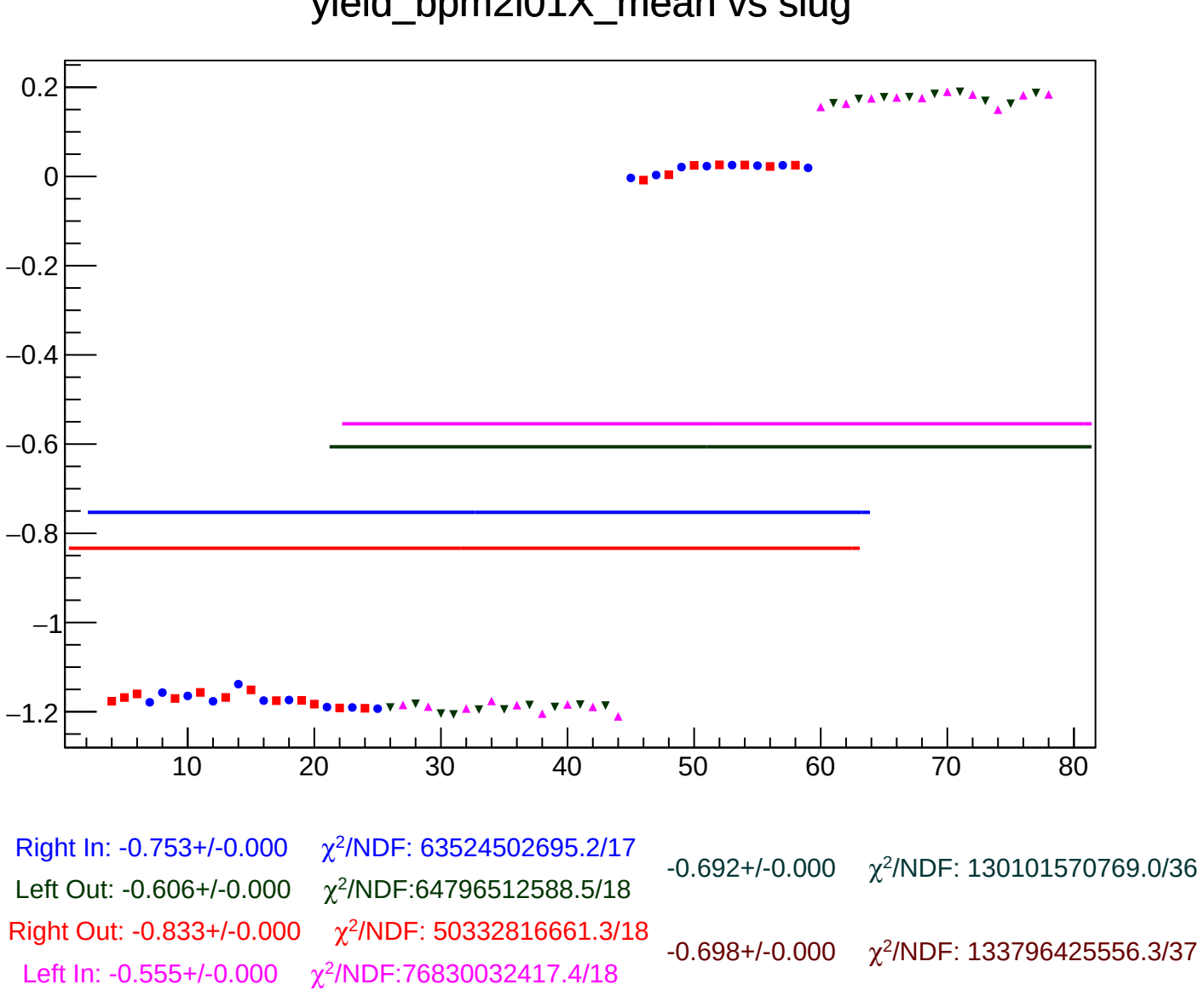
Left Out: 0.003+/-0.000 χ^2/NDF:211928.6/18

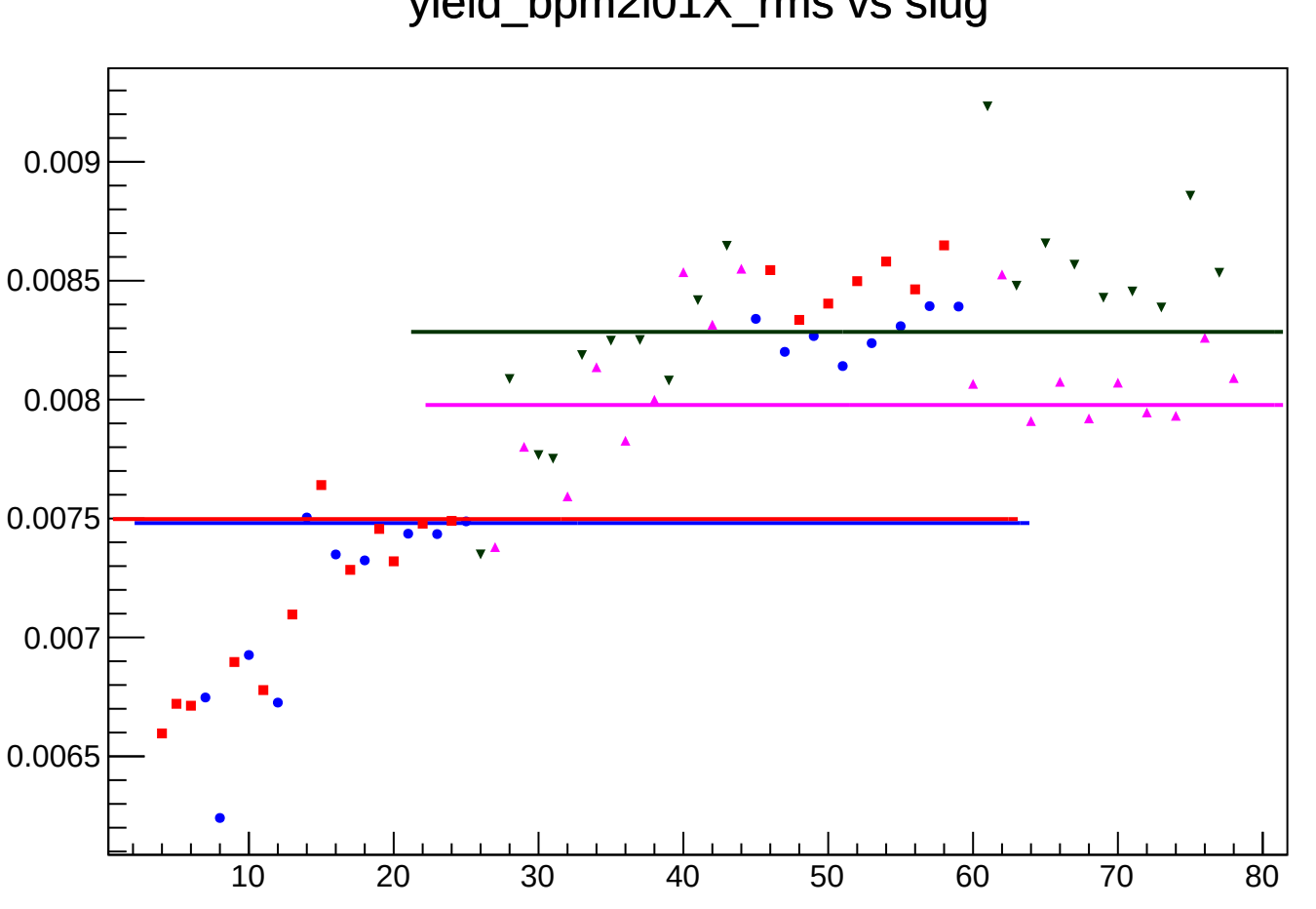
Right Out: 0.003+/-0.000 χ^2/NDF: 476230.4/18

Left In: 0.003+/-0.000 χ^2/NDF:236020.3/18

0.003+/-0.000 χ^2/NDF: 1032668.3/36

0.003+/-0.000 χ^2/NDF: 718565.5/37


yield_bpm2i01X_mean vs slug
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
10
20
30
40
50
60
70
80
Right In: -0.753+/-0.000 χ²/NDF: 63524502695.2/17
Left Out: -0.606+/-0.000 χ²/NDF:64796512588.5/18
Right Out: -0.833+/-0.000 χ²/NDF: 50332816661.3/18
Left In: -0.555+/-0.000 χ²/NDF:76830032417.4/18
-0.692+/-0.000 χ²/NDF: 130101570769.0/36
-0.698+/-0.000 χ²/NDF: 133796425556.3/37



Right In: 0.007+/-0.000 χ^2/NDF: 196084.4/17

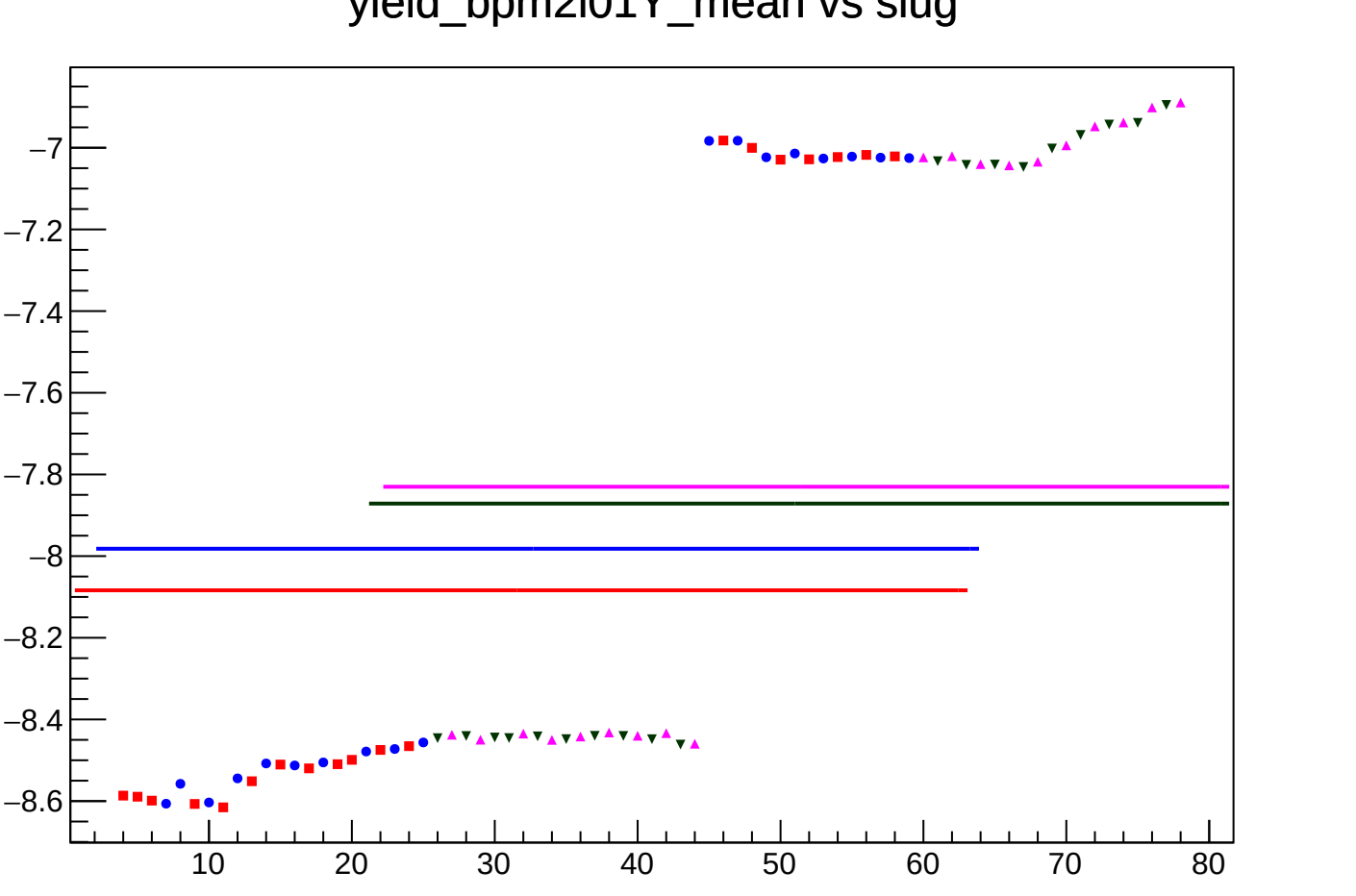
Left Out: 0.008+/-0.000 χ^2/NDF:45668.2/18

Right Out: 0.007+/-0.000 χ^2/NDF: 167417.2/18

Left In: 0.008+/-0.000 χ^2/NDF:33386.5/18

0.008+/-0.000 χ^2/NDF: 348385.3/36

0.008+/-0.000 χ^2/NDF: 240032.9/37



Right In: -7.982+/-0.000 χ^2/NDF: 116524136897.0/17

Left Out: -7.871+/-0.000 χ^2/NDF:86930603967.7/18

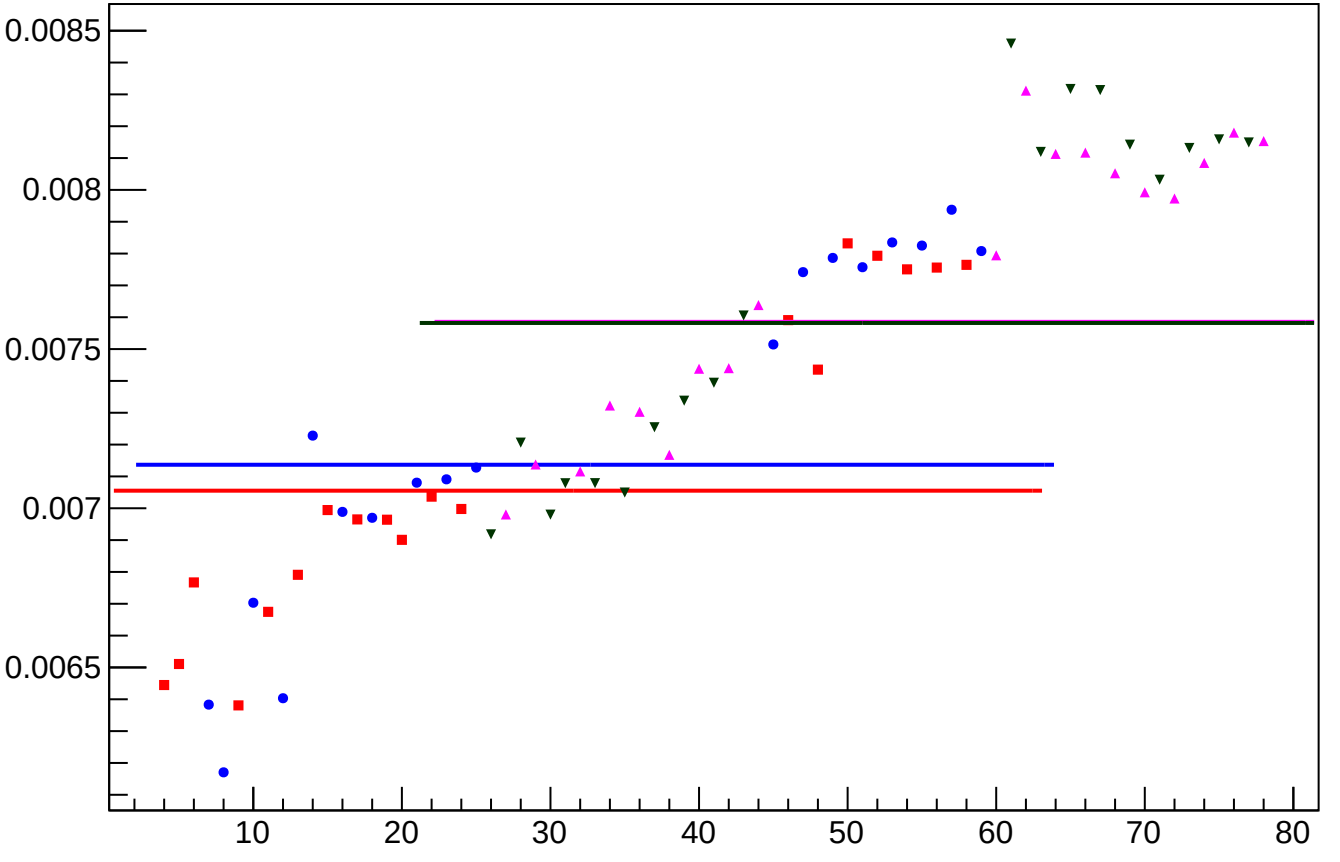
Right Out: -8.084+/-0.000 χ^2/NDF: 99506540389.5/18

Left In: -7.830+/-0.000 χ^2/NDF:96227705181.9/18

-7.933+/-0.000 χ^2/NDF: 204630453841.2/36

-7.961+/-0.000 χ^2/NDF: 201917213525.4/37

yield_bpm2i01Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF: 141394.2/17

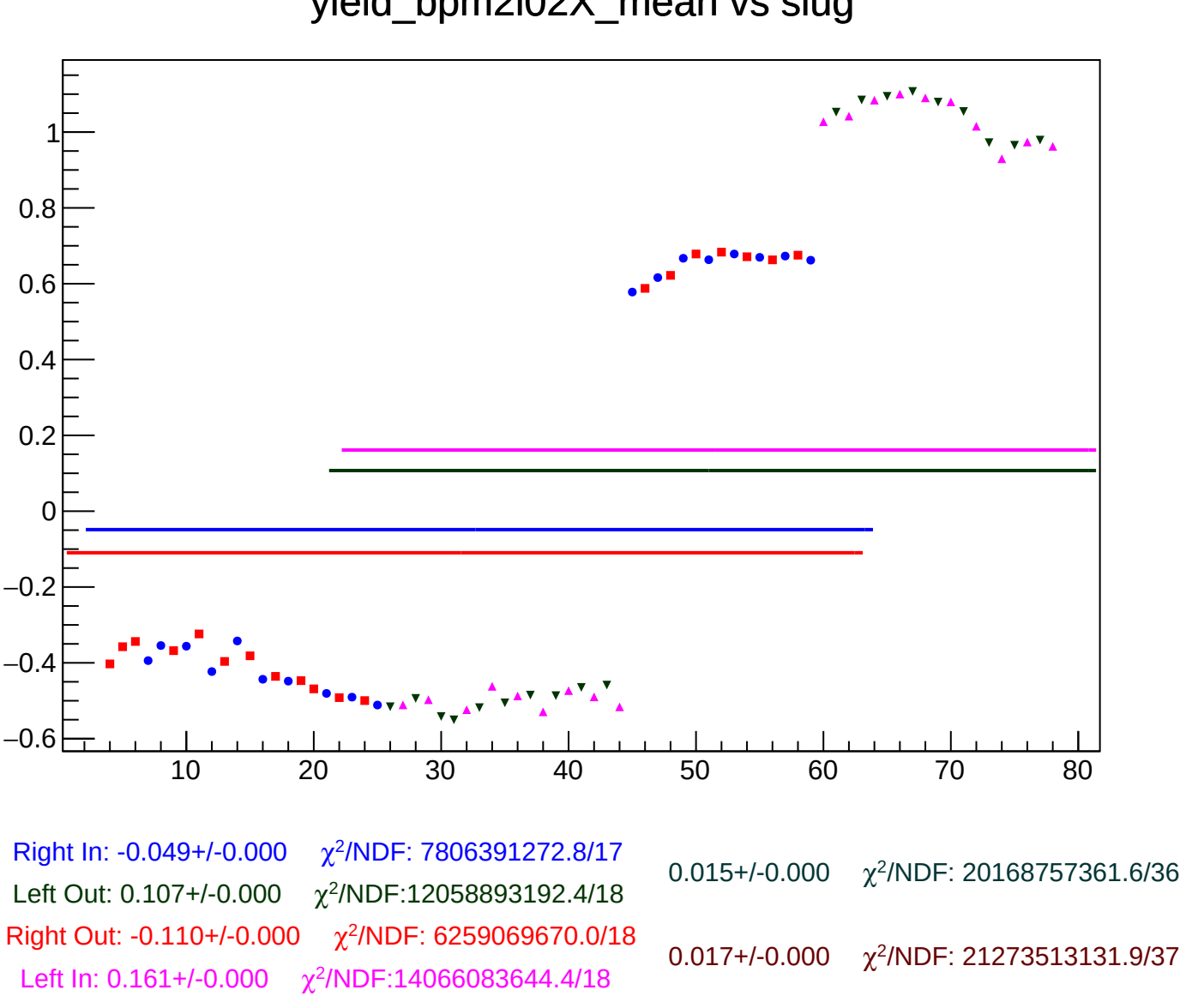
Left Out: 0.008+/-0.000 χ^2/NDF:92417.9/18

Right Out: 0.007+/-0.000 χ^2/NDF: 88863.4/18

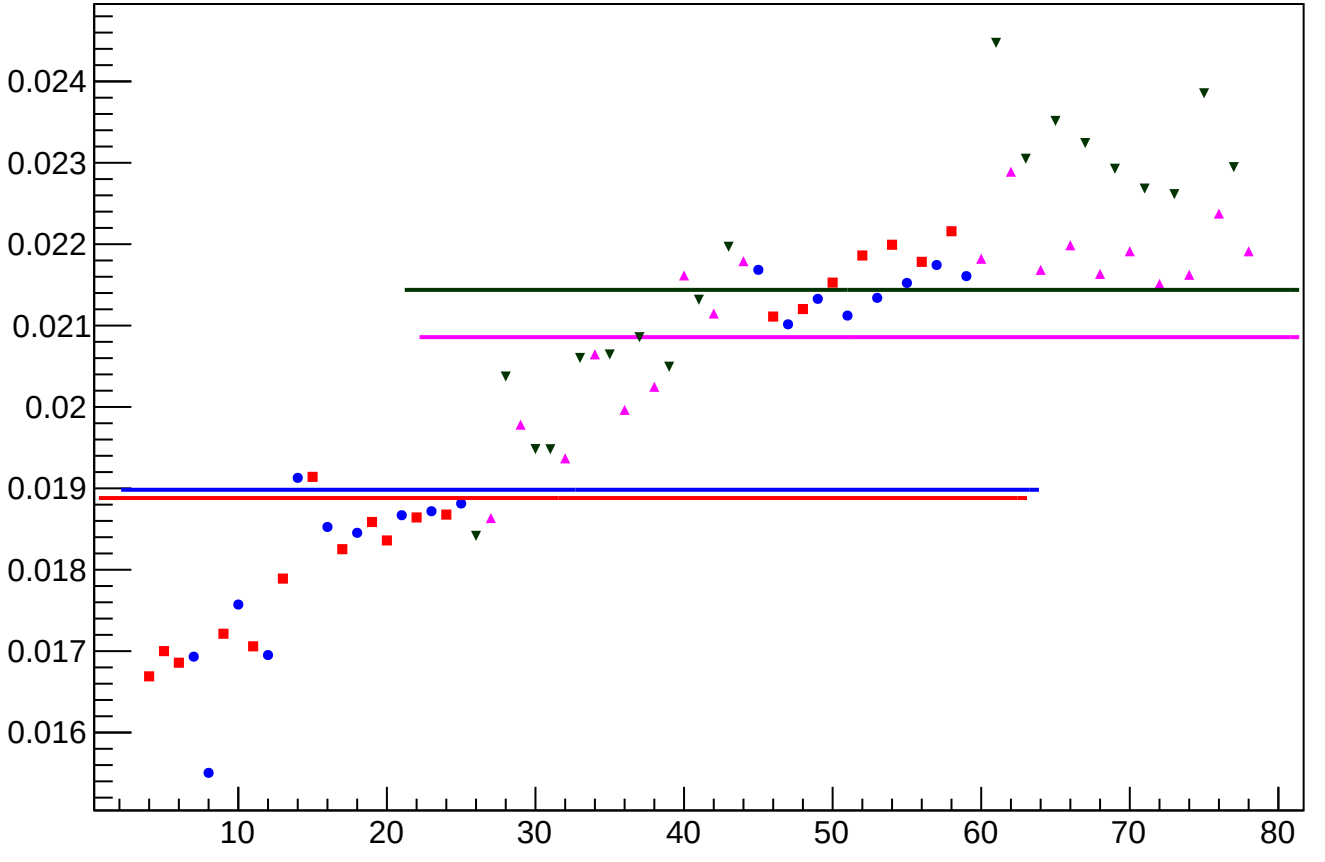
Left In: 0.008+/-0.000 χ^2/NDF:74094.4/18

0.007+/-0.000 χ^2/NDF: 271936.4/36

0.007+/-0.000 χ^2/NDF: 217015.6/37


yield_bpm2i02X_mean vs slug
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
10
20
30
40
50
60
70
80
Right In: -0.049+/-0.000 χ²/NDF: 7806391272.8/17
Left Out: 0.107+/-0.000 χ²/NDF:12058893192.4/18
Right Out: -0.110+/-0.000 χ²/NDF: 6259069670.0/18
Left In: 0.161+/-0.000 χ²/NDF:14066083644.4/18
0.015+/-0.000 χ²/NDF: 20168757361.6/36
0.017+/-0.000 χ²/NDF: 21273513131.9/37

yield_bpm2i02X_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF: 254927.5/17

Left Out: 0.021+/-0.000 χ^2/NDF:111538.1/18

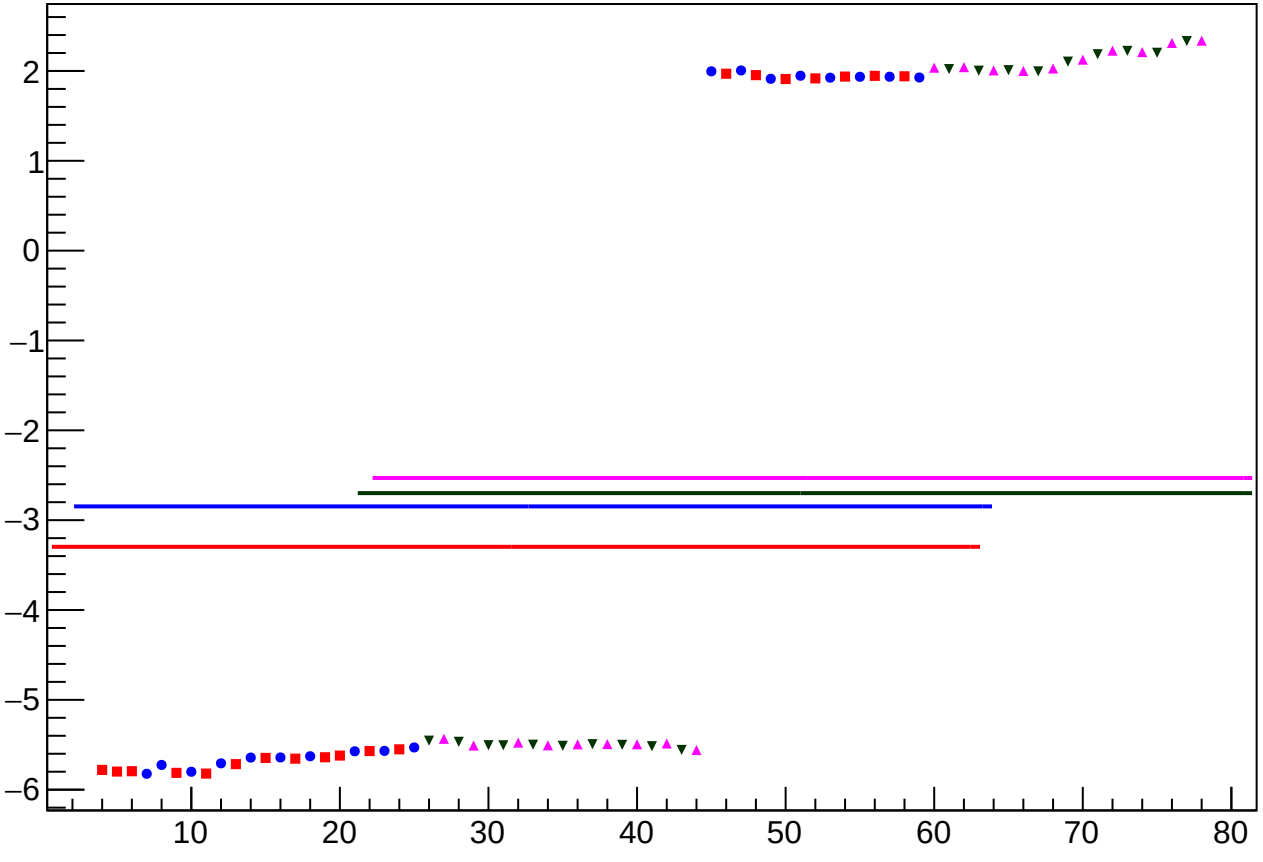
Right Out: 0.019+/-0.000 χ^2/NDF: 190553.3/18

Left In: 0.021+/-0.000 χ^2/NDF:72539.8/18

0.020+/-0.000 χ^2/NDF: 517362.6/36

0.020+/-0.000 χ^2/NDF: 364086.6/37

yield_bpm2i02Y_mean vs slug



Right In: -2.847+/-0.000 χ^2/NDF: 988085675921.2/17

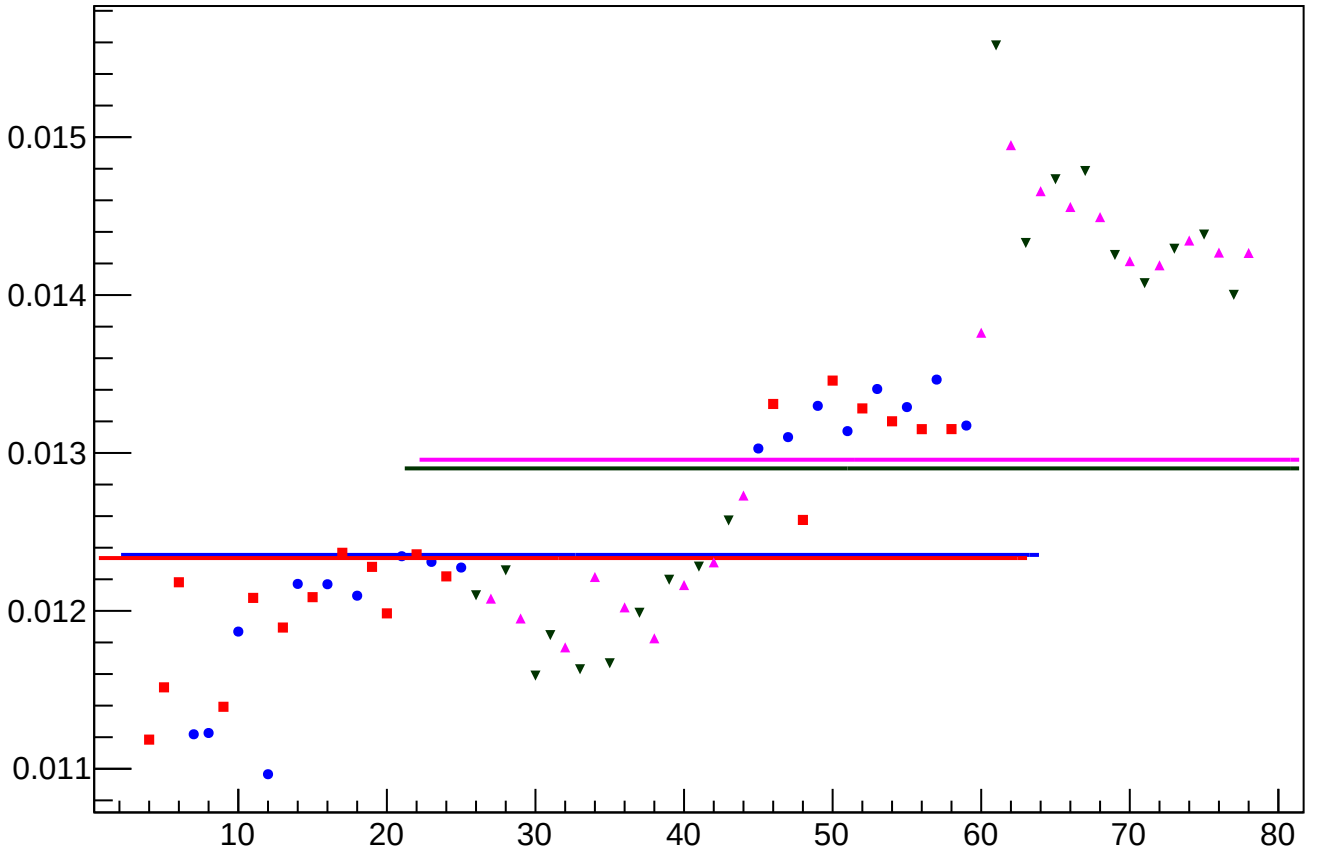
Left Out: -2.699+/-0.000 χ^2/NDF:792915572030.3/18

Right Out: -3.297+/-0.000 χ^2/NDF: 819050975647.4/18

Left In: -2.530+/-0.000 χ^2/NDF:872185076029.2/18

-2.781+/-0.000 χ^2/NDF: 1781710446512.9/36

-2.919+/-0.000 χ^2/NDF: 1710031761600.7/37



Right In: 0.012+/-0.000 χ^2/NDF: 89844.3/17

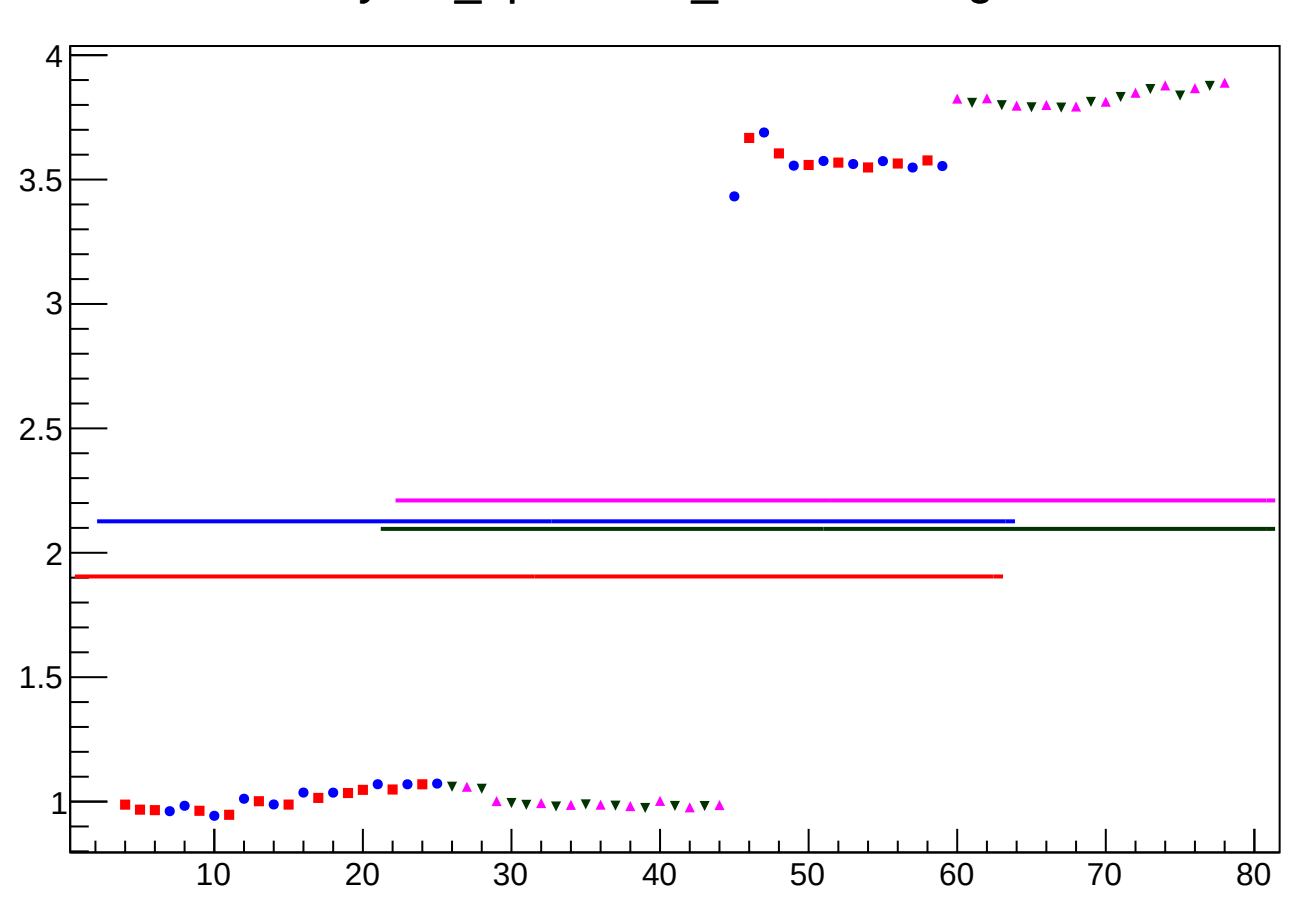
Left Out: 0.013+/-0.000 χ^2/NDF:175004.2/18

Right Out: 0.012+/-0.000 χ^2/NDF: 54886.5/18

Left In: 0.013+/-0.000 χ^2/NDF:165989.2/18

0.013+/-0.000 χ^2/NDF: 284365.1/36

0.013+/-0.000 χ^2/NDF: 245709.7/37



Right In: 2.126+/-0.000 χ^2/NDF: 292632575878.4/17

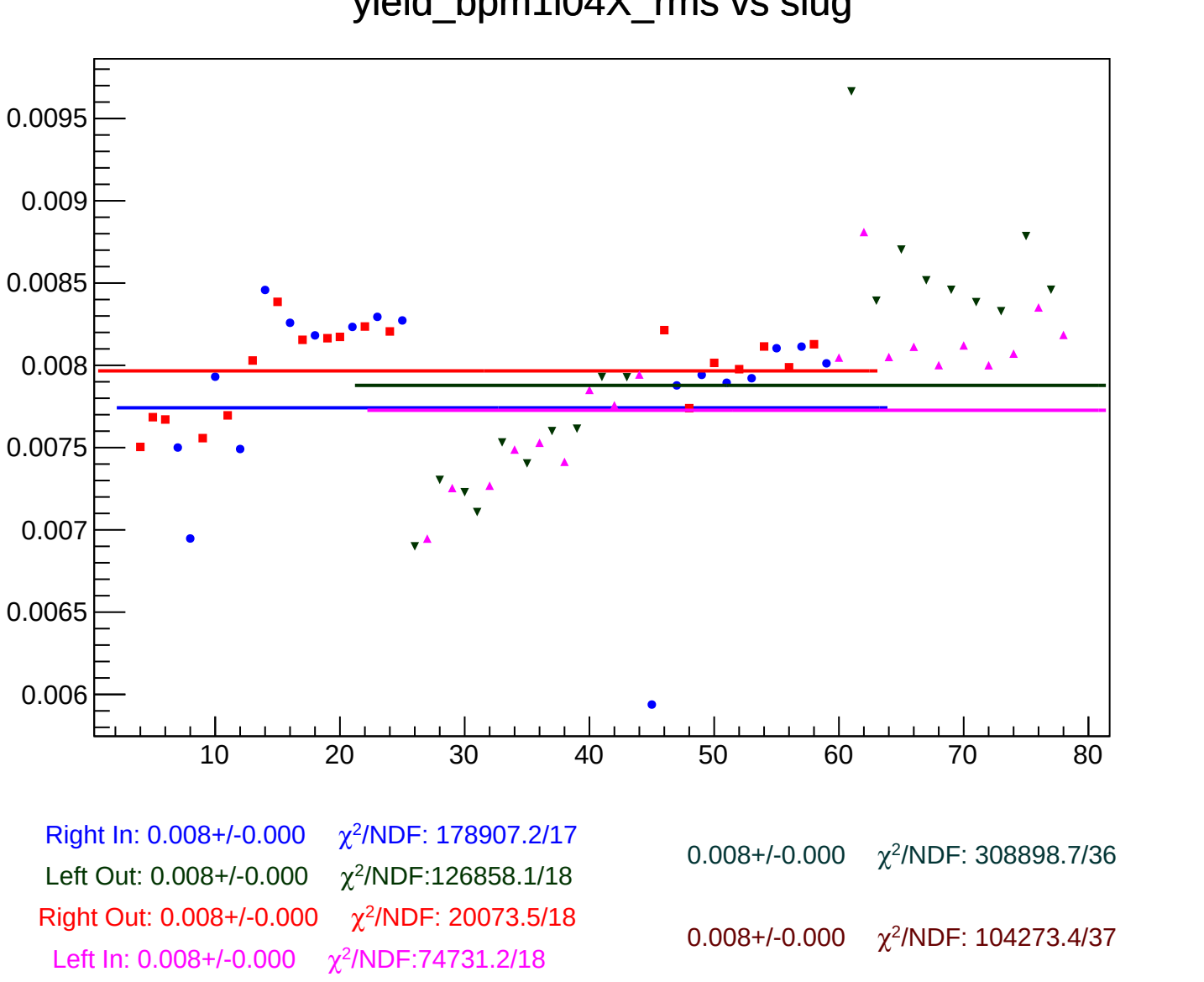
Left Out: 2.096+/-0.000 χ^2/NDF:295161991720.1/18

Right Out: 1.905+/-0.000 χ^2/NDF: 236022966001.2/18

Left In: 2.210+/-0.000 χ^2/NDF:345927802322.3/18

2.113+/-0.000 χ^2/NDF: 587872589854.0/36

2.067+/-0.000 χ^2/NDF: 589661578310.1/37


yield_bpm1i04X_rms vs slug
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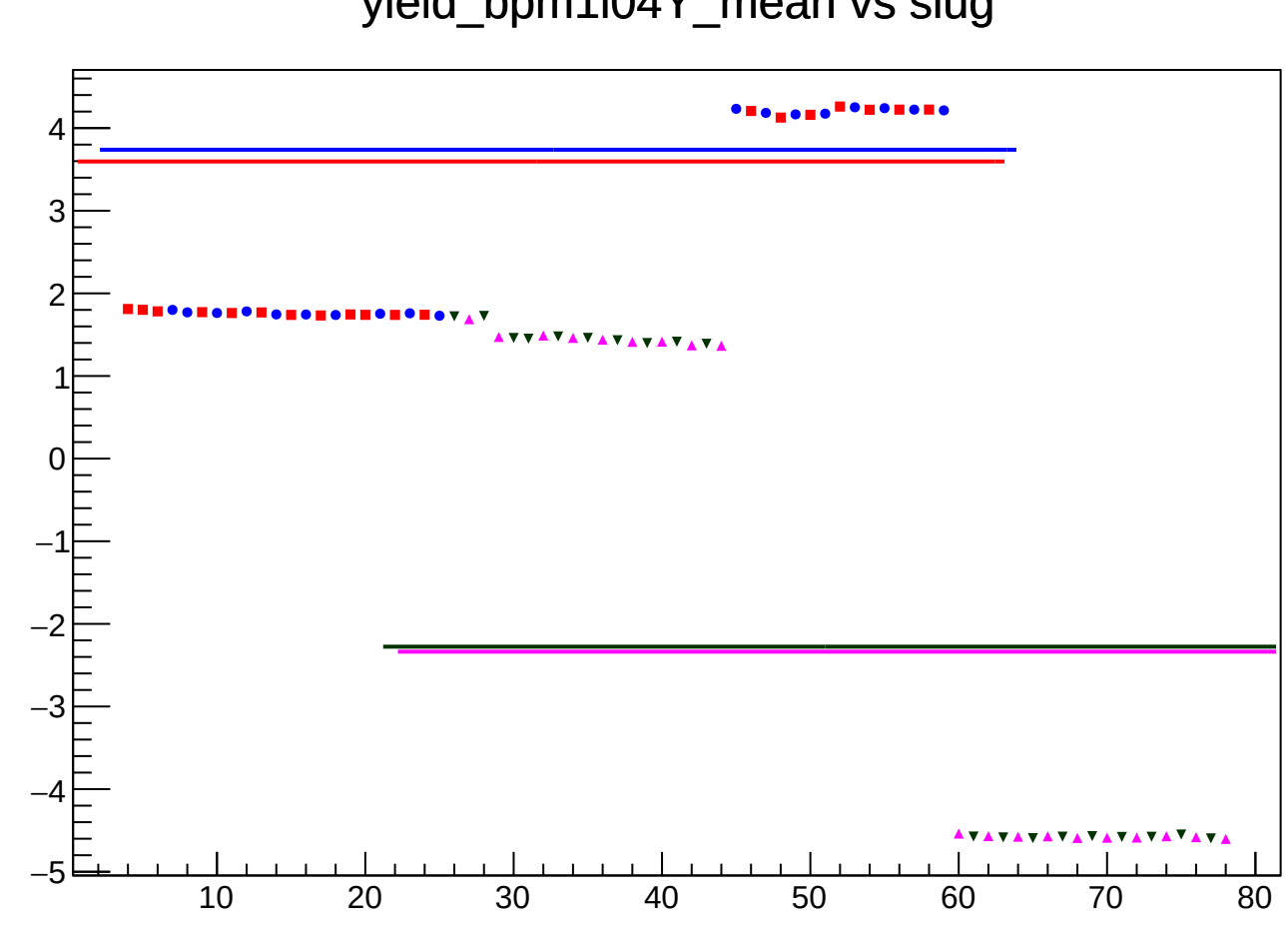
0.0085
0.008
0.0075
0.007
0.0065
0.006
10
20
30
40
50
60
70
80
Right In: 0.008+/-0.000 χ²/NDF: 178907.2/17
Left Out: 0.008+/-0.000 χ²/NDF:126858.1/18
Right Out: 0.008+/-0.000 χ²/NDF: 20073.5/18
Left In: 0.008+/-0.000 χ²/NDF:74731.2/18
0.008+/-0.000 χ²/NDF: 308898.7/36
0.008+/-0.000 χ²/NDF: 104273.4/37



Right In: 3.738+/-0.000 χ^2/NDF: 502669373965.6/17

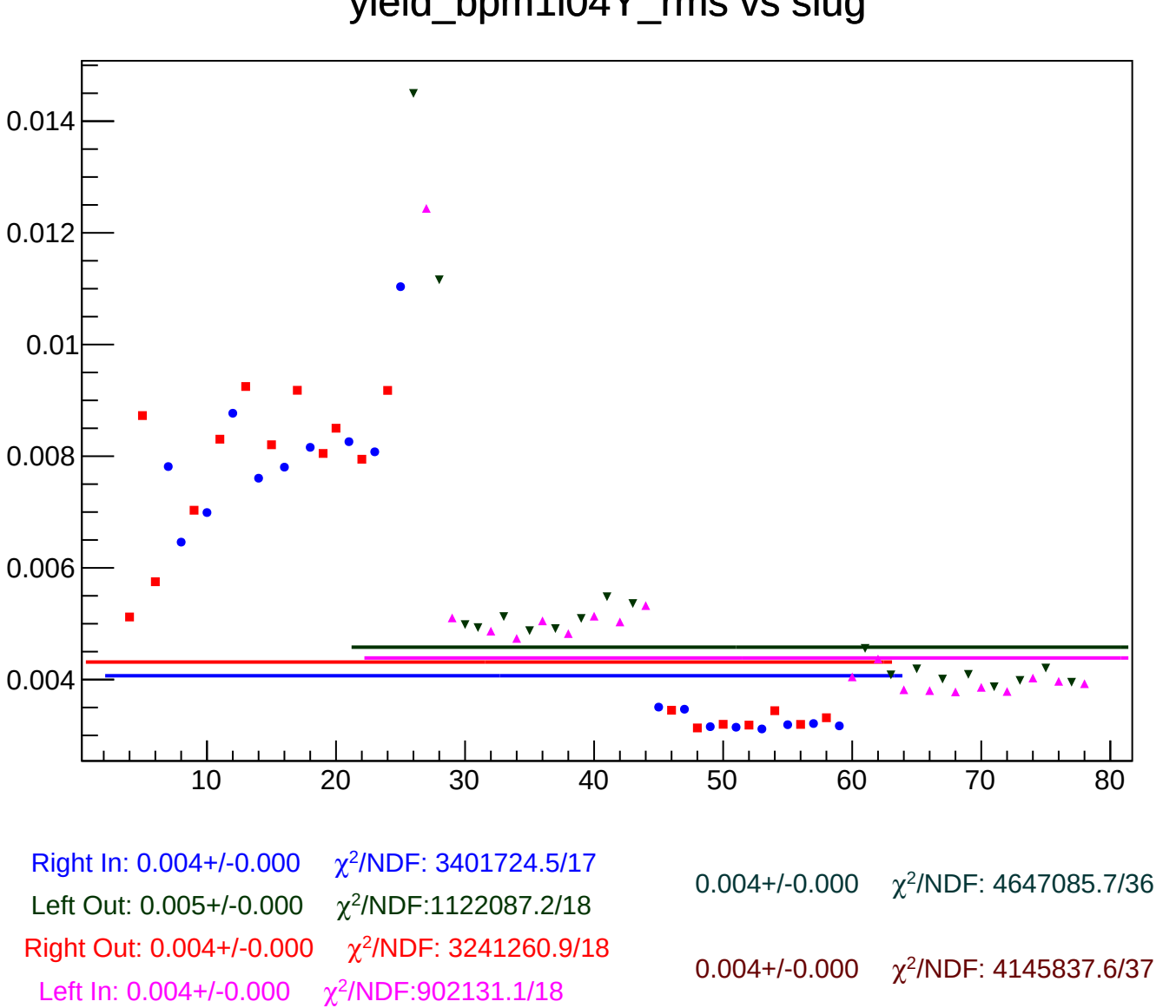
Left Out: -2.276+/-0.000 χ^2/NDF:3581907488324.6/18

Right Out: 3.596+/-0.000 χ^2/NDF: 468031292414.6/18

Left In: -2.337+/-0.000 χ^2/NDF:4278658222207.8/18

1.115+/-0.000 χ^2/NDF: 12597576646943.3/36

0.359+/-0.000 χ^2/NDF: 12822738951021.1/37


yield_bpm1i04Y_rms vs slug
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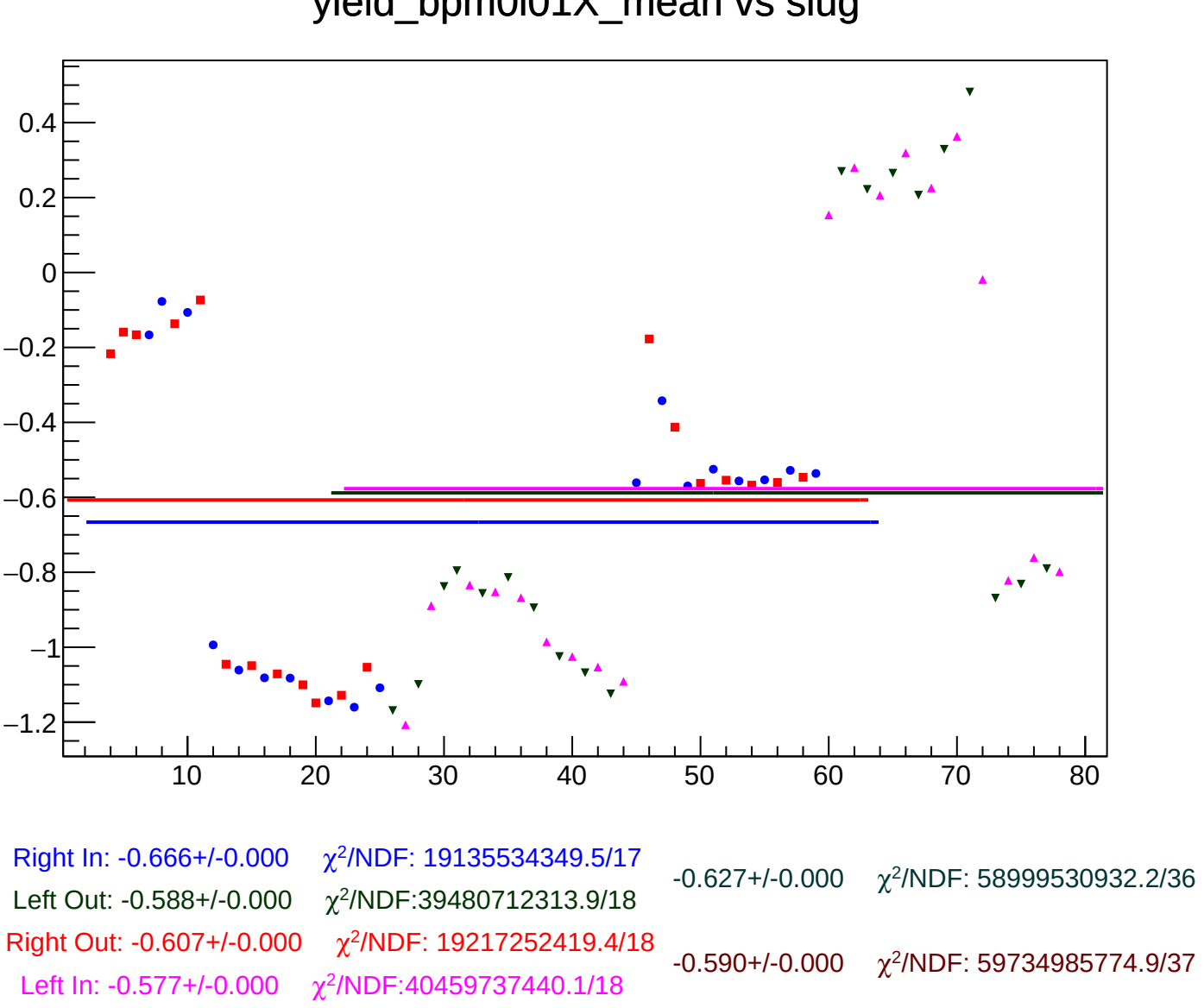
0.012
0.01
0.008
0.006
0.004
10
20
30
40
50
60
70
80
Right In: 0.004+/-0.000 χ²/NDF: 3401724.5/17
Left Out: 0.005+/-0.000 χ²/NDF:1122087.2/18
Right Out: 0.004+/-0.000 χ²/NDF: 3241260.9/18
Left In: 0.004+/-0.000 χ²/NDF:902131.1/18
0.004+/-0.000 χ²/NDF: 4647085.7/36
0.004+/-0.000 χ²/NDF: 4145837.6/37


yield_bpm0l01X_mean vs slug
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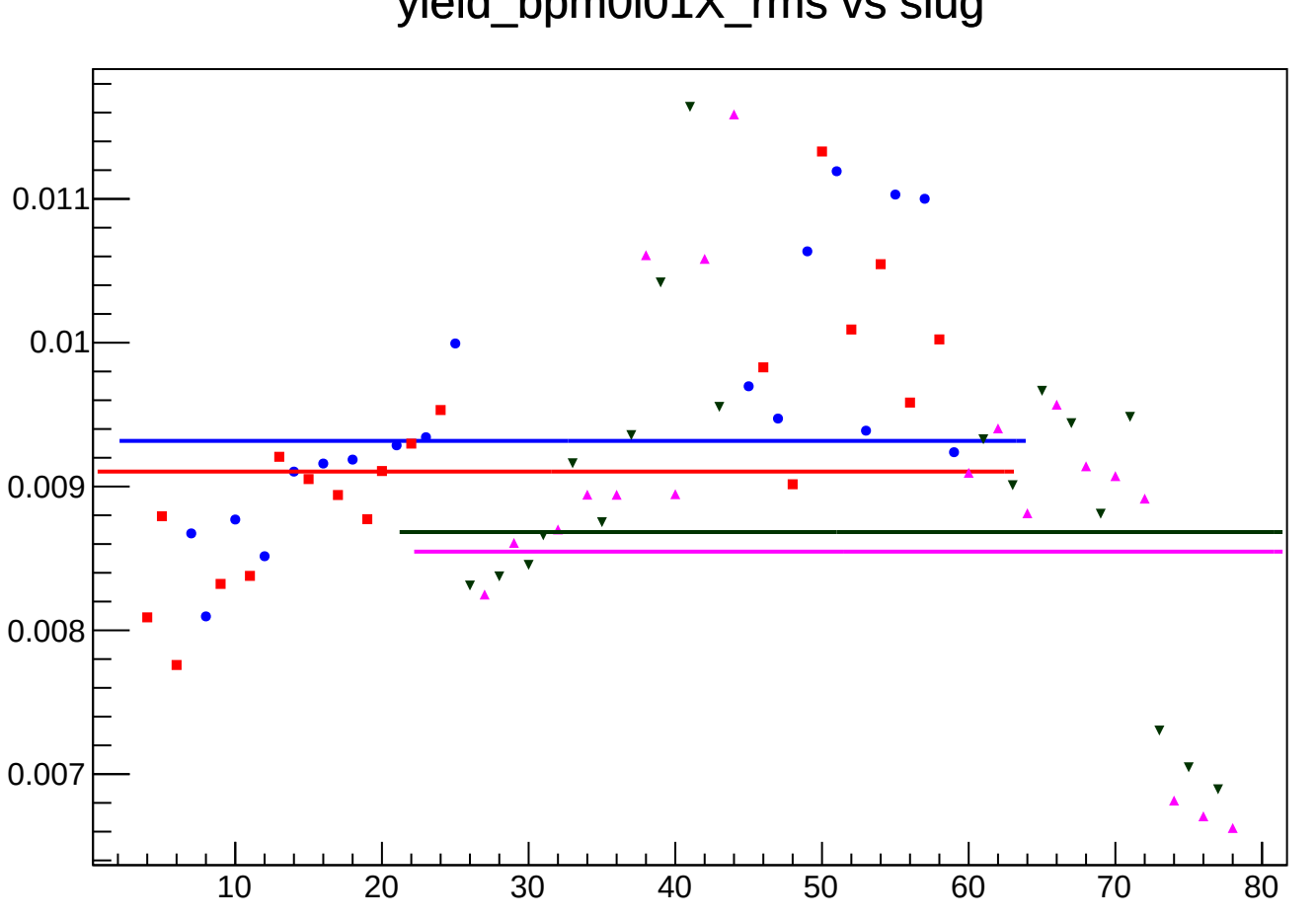
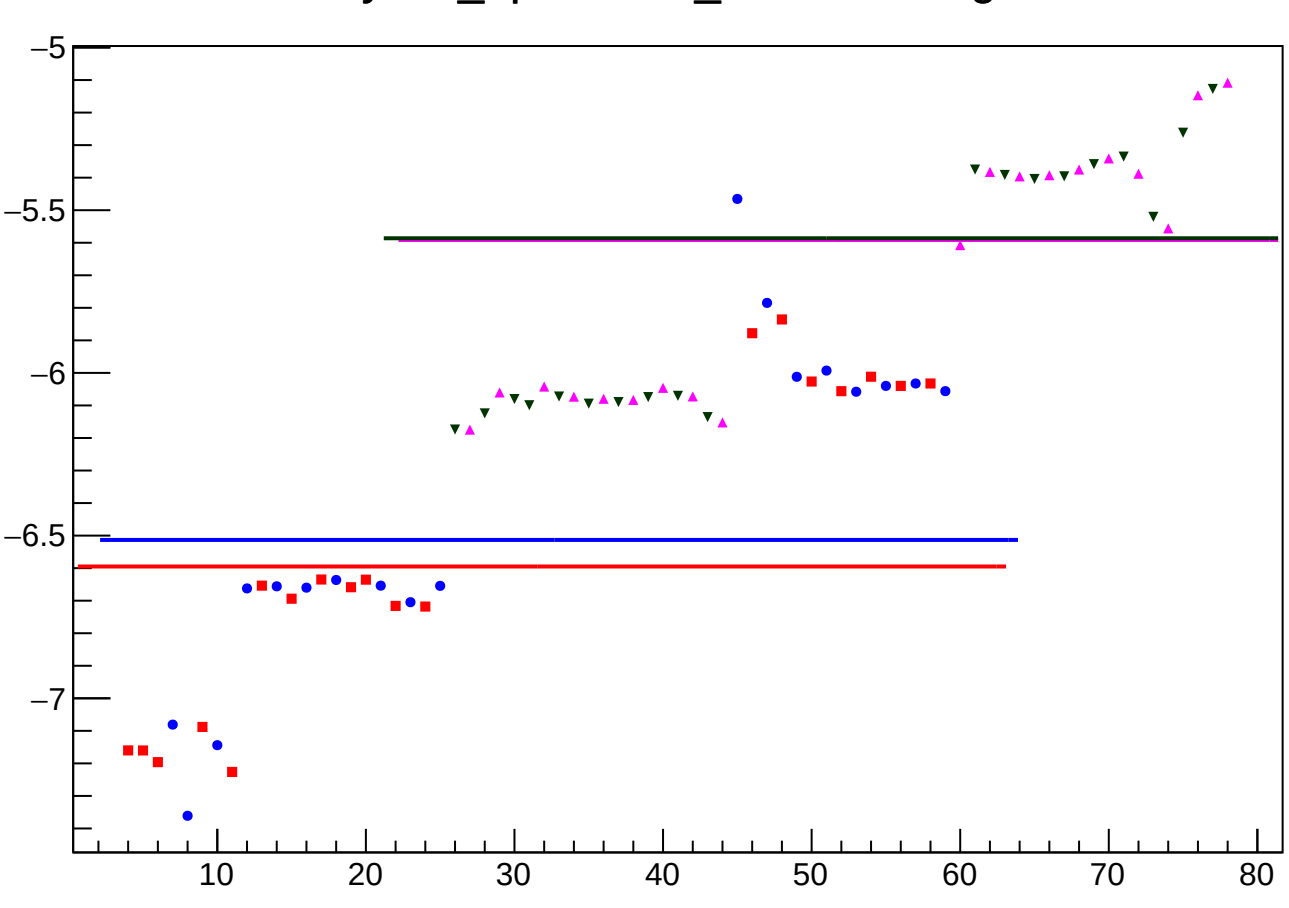
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
10
20
30
40
50
60
70
80
Right In: -0.666+/-0.000 χ²/NDF: 19135534349.5/17
Left Out: -0.588+/-0.000 χ²/NDF:39480712313.9/18
Right Out: -0.607+/-0.000 χ²/NDF: 19217252419.4/18
Left In: -0.577+/-0.000 χ²/NDF:40459737440.1/18
-0.627+/-0.000 χ²/NDF: 58999530932.2/36
-0.590+/-0.000 χ²/NDF: 59734985774.9/37


yield_bpm0l01X_rms vs slug
0.011
0.01
0.009
0.008
0.007
10
20
30
40
50
60
70
80
Right In: 0.009+/-0.000 χ²/NDF: 165772.4/17
Left Out: 0.009+/-0.000 χ²/NDF:311050.4/18
Right Out: 0.009+/-0.000 χ²/NDF: 159092.9/18
Left In: 0.009+/-0.000 χ²/NDF:413549.8/18
0.009+/-0.000 χ²/NDF: 527390.2/36
0.009+/-0.000 χ²/NDF: 612272.6/37



Right In: -6.513+/-0.000 χ^2/NDF: 34103178286.6/17

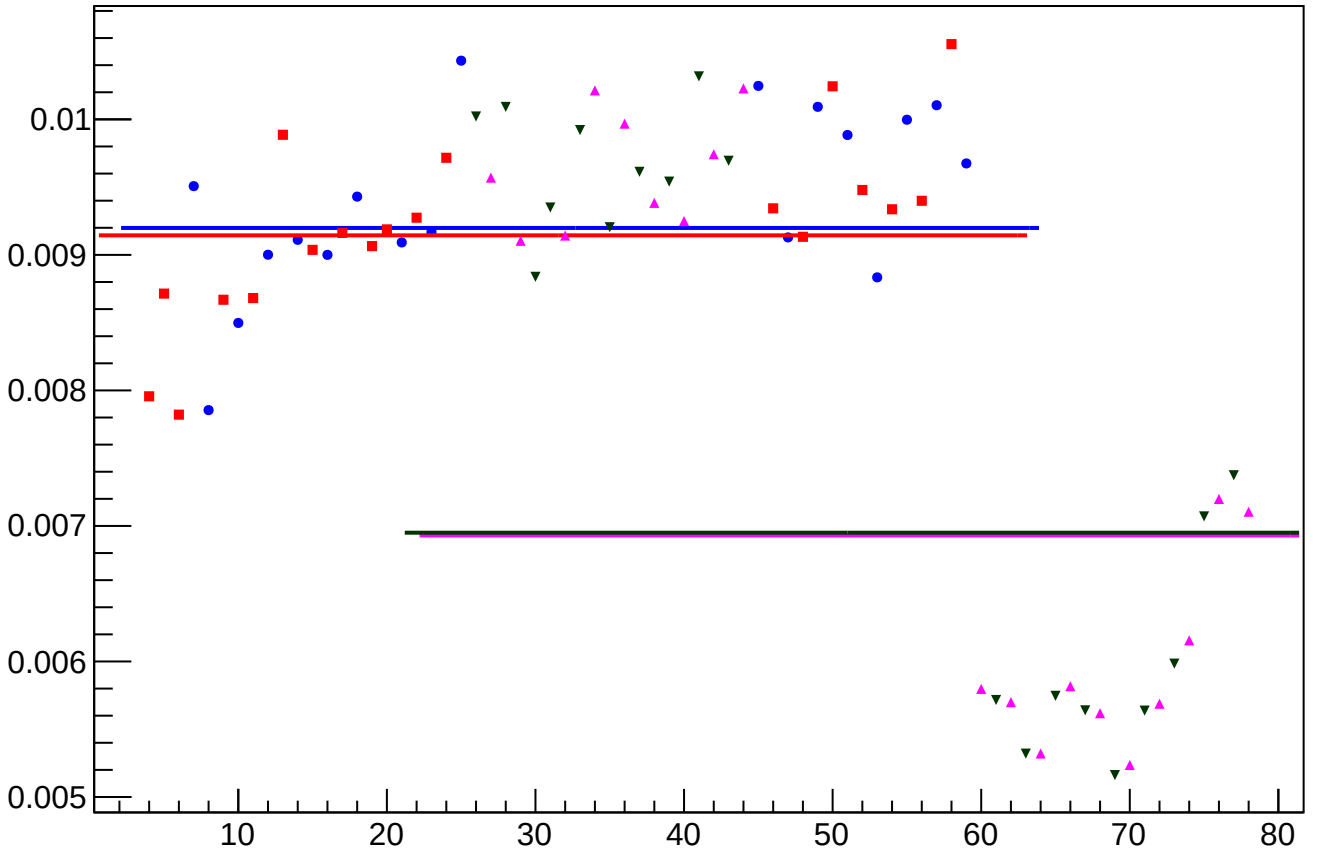
Left Out: -5.586+/-0.000 χ^2/NDF:21808767699.1/18

Right Out: -6.595+/-0.000 χ^2/NDF: 25777696502.6/18

Left In: -5.592+/-0.000 χ^2/NDF:23497210996.1/18

-5.966+/-0.000 χ^2/NDF: 120807925278.3/36

-5.951+/-0.000 χ^2/NDF: 122832262379.1/37



Right In: 0.009+/-0.000 χ^2/NDF: 120528.1/17

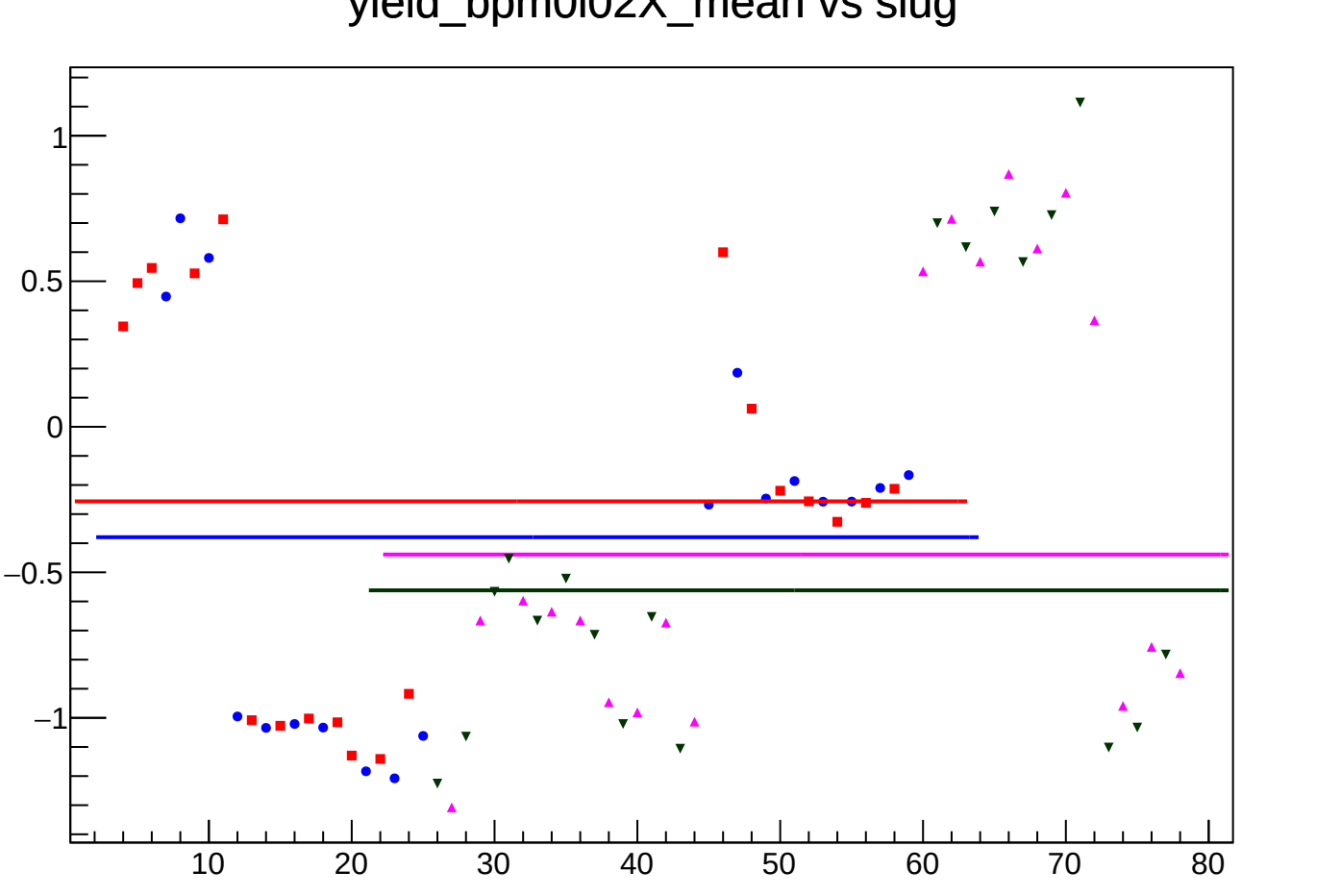
Left Out: 0.007+/-0.000 χ^2/NDF:1254995.8/18

Right Out: 0.009+/-0.000 χ^2/NDF: 101222.8/18

Left In: 0.007+/-0.000 χ^2/NDF:1267771.2/18

0.008+/-0.000 χ^2/NDF: 2139233.4/36

0.008+/-0.000 χ^2/NDF: 2085733.0/37



Right In: -0.379+/-0.000 χ^2/NDF: 10136750548.1/17

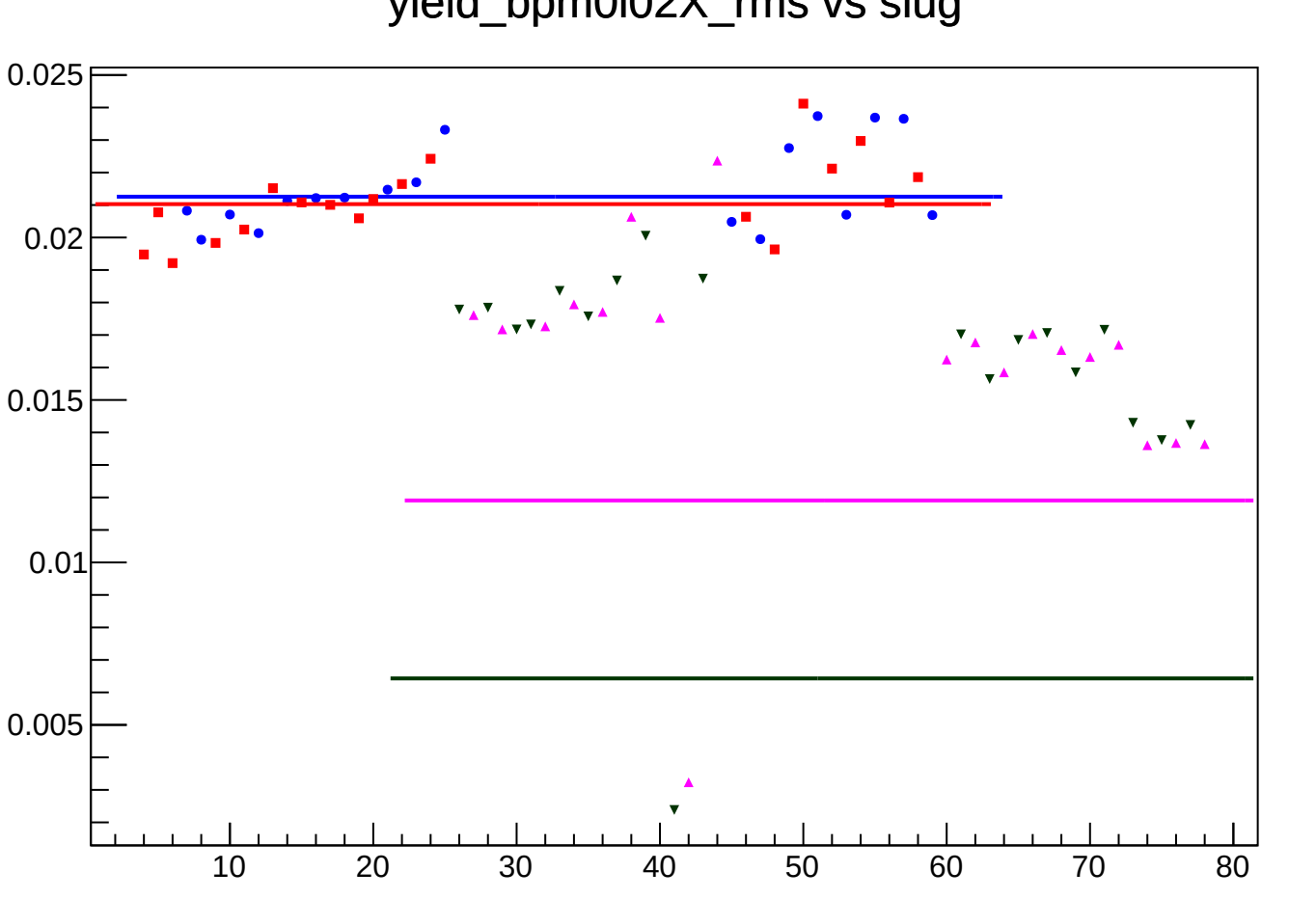
Left Out: -0.562+/-0.000 χ^2/NDF:22998399092.1/18

Right Out: -0.256+/-0.000 χ^2/NDF: 10103342122.6/18

Left In: -0.439+/-0.000 χ^2/NDF:21363662165.2/18

-0.530+/-0.000 χ^2/NDF: 33805596079.8/36

-0.387+/-0.000 χ^2/NDF: 31994514838.7/37



Right In: 0.021+/-0.000 χ^2/NDF: 64142.6/17

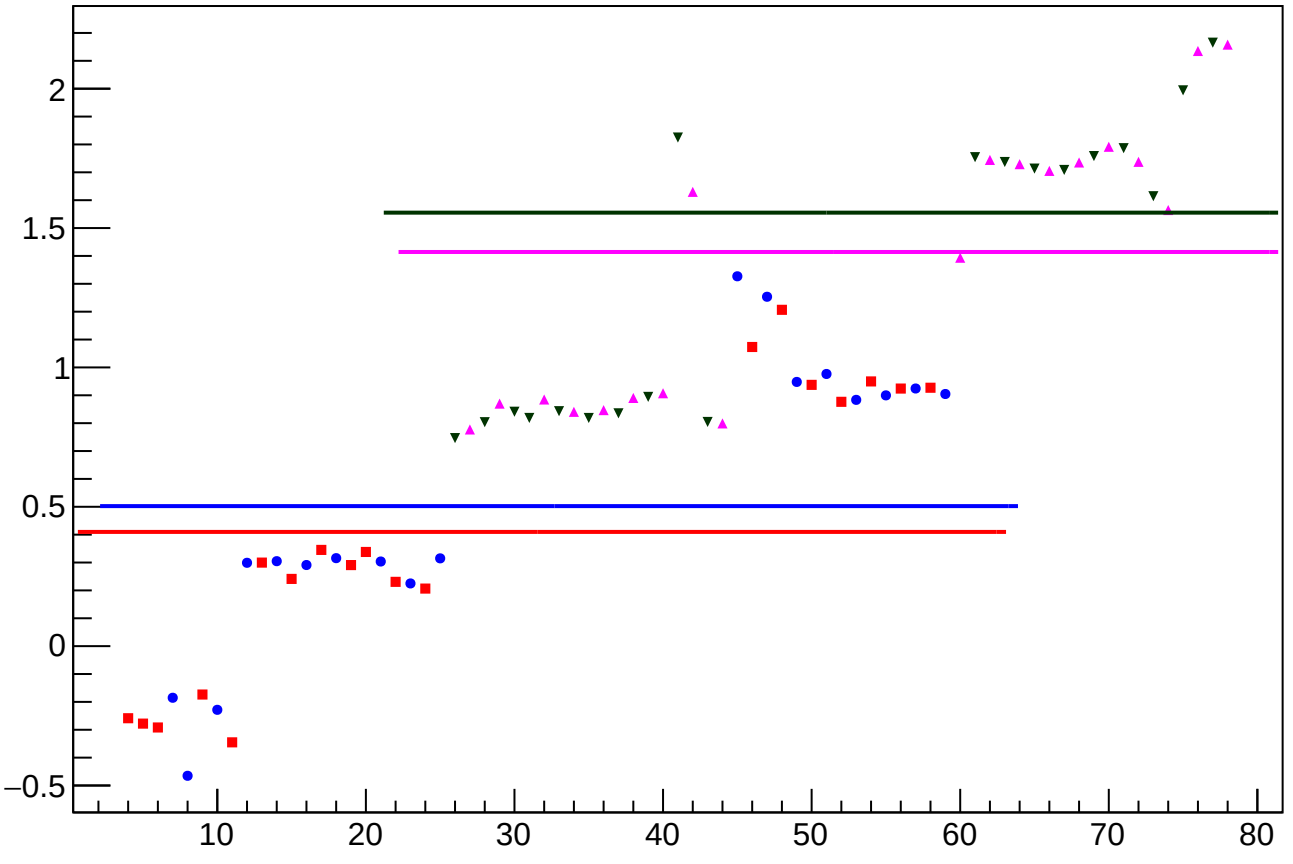
Left Out: 0.006+/-0.000 χ^2/NDF:9699965.7/18

Right Out: 0.021+/-0.000 χ^2/NDF: 62886.6/18

Left In: 0.012+/-0.000 χ^2/NDF:4716858.8/18

0.009+/-0.000 χ^2/NDF: 18610739.6/36

0.014+/-0.000 χ^2/NDF: 7407225.6/37



Right In: 0.502+/-0.000 χ^2/NDF: 19155654908.3/17

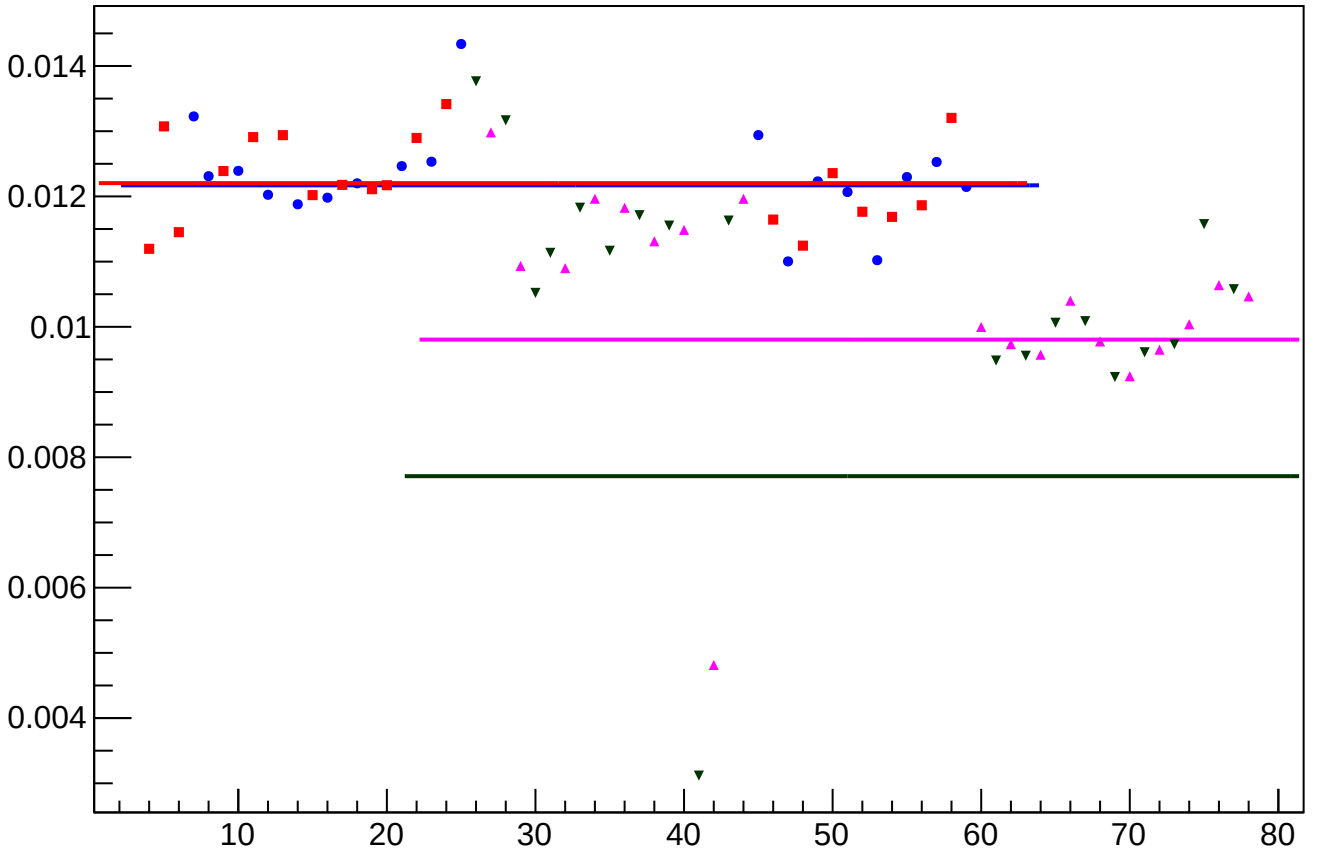
Left Out: 1.555+/-0.000 χ^2/NDF:24983304499.7/18

Right Out: 0.410+/-0.000 χ^2/NDF: 16439315084.0/18

Left In: 1.414+/-0.000 χ^2/NDF:20830932537.6/18

1.174+/-0.000 χ^2/NDF: 96370760274.0/36

1.026+/-0.000 χ^2/NDF: 77284078653.7/37



Right In: 0.012+/-0.000 χ^2/NDF: 45604.3/17

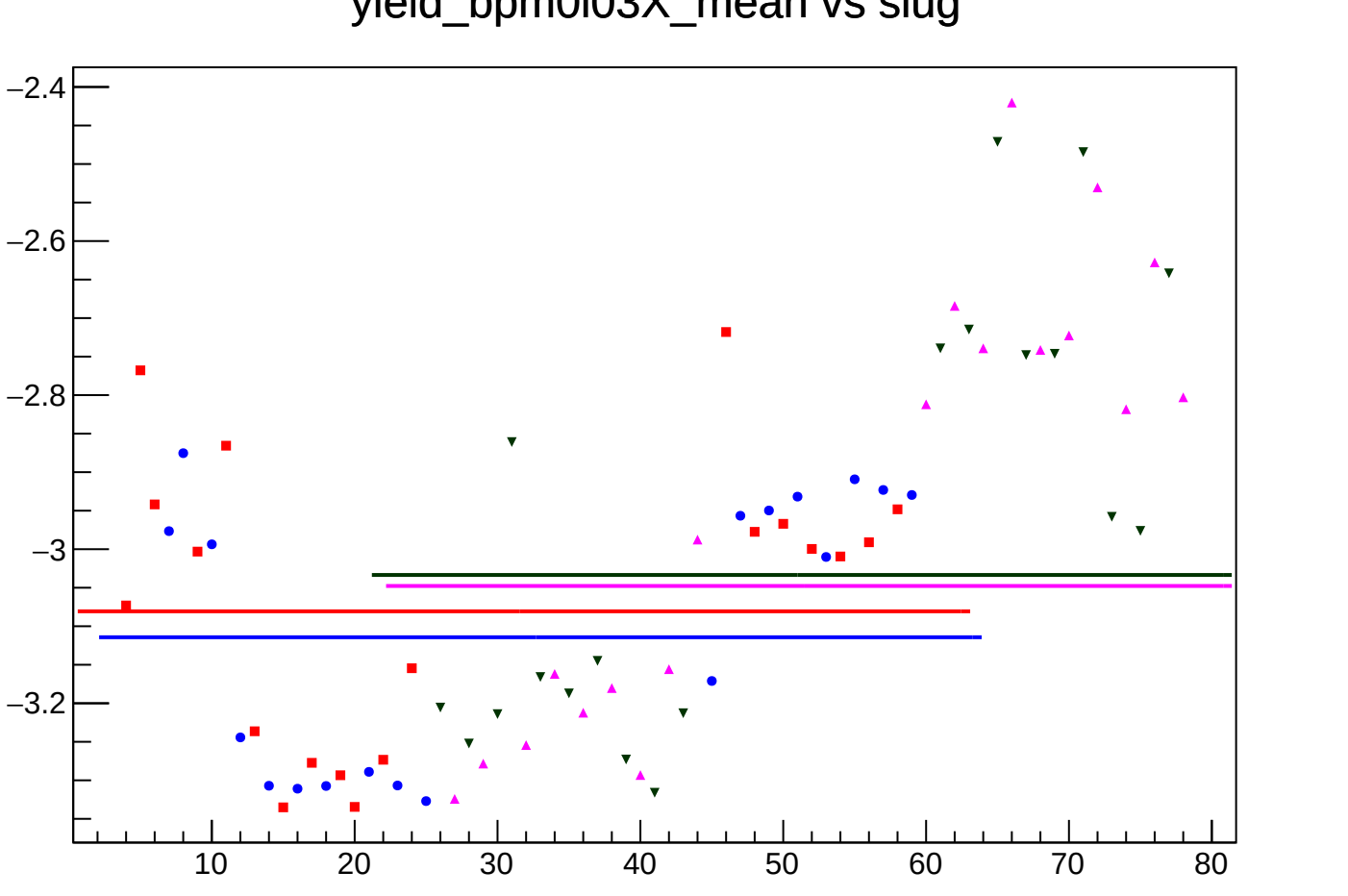
Left Out: 0.008+/-0.000 χ^2/NDF:3755828.3/18

Right Out: 0.012+/-0.000 χ^2/NDF: 53181.0/18

Left In: 0.010+/-0.000 χ^2/NDF:1000250.8/18

0.009+/-0.000 χ^2/NDF: 5675900.3/36

0.011+/-0.000 χ^2/NDF: 1510417.0/37



Right In: -3.114+/-0.000 χ^2/NDF: 4627659924.1/17

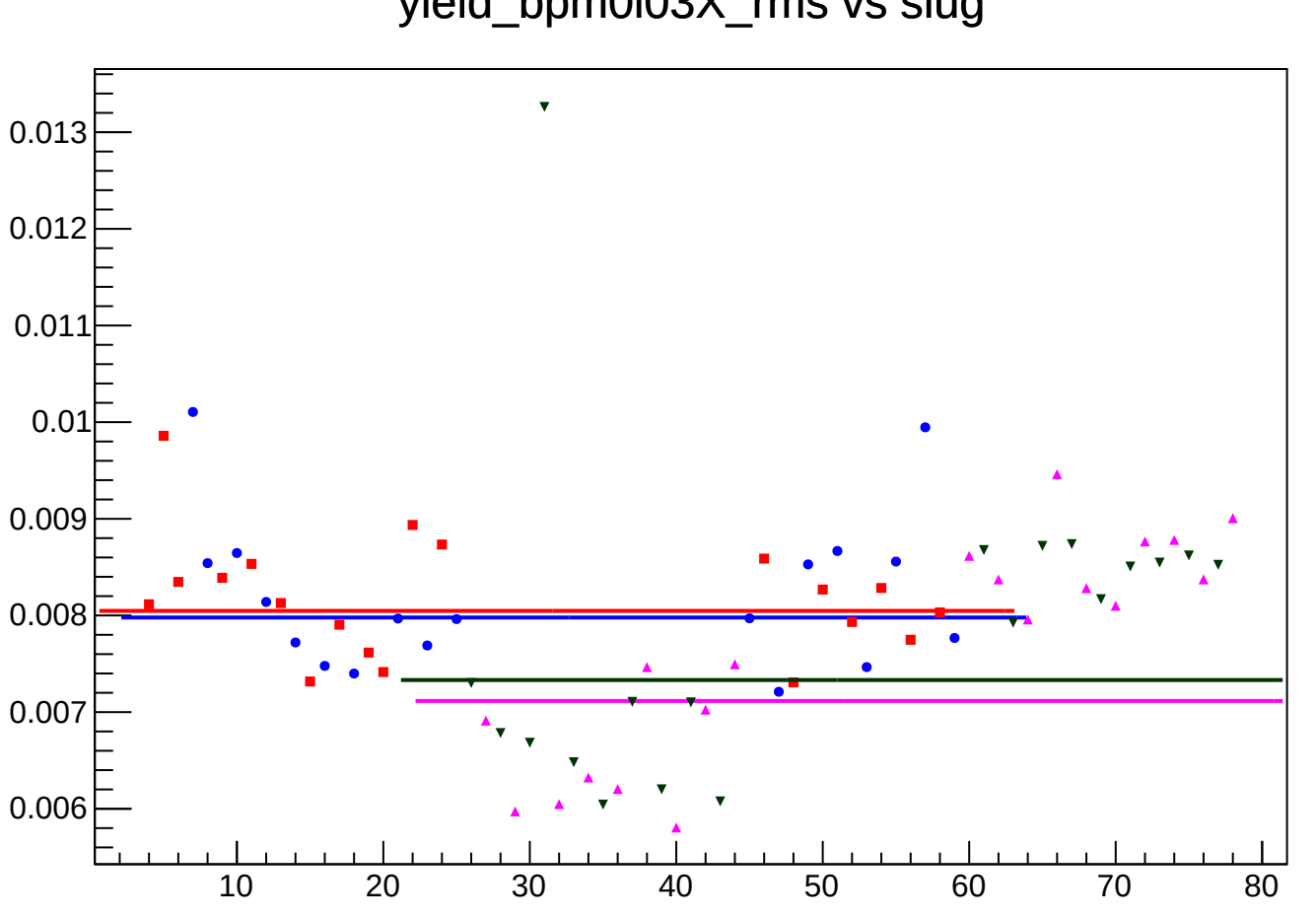
Left Out: -3.033+/-0.000 χ^2/NDF:11257152570.4/18

Right Out: -3.081+/-0.000 χ^2/NDF: 3839311184.0/18

Left In: -3.048+/-0.000 χ^2/NDF:13323834999.4/18

-3.073+/-0.000 χ^2/NDF: 16387409170.1/36

-3.061+/-0.000 χ^2/NDF: 17244640032.1/37


yield_bpm0l03X_rms vs slug
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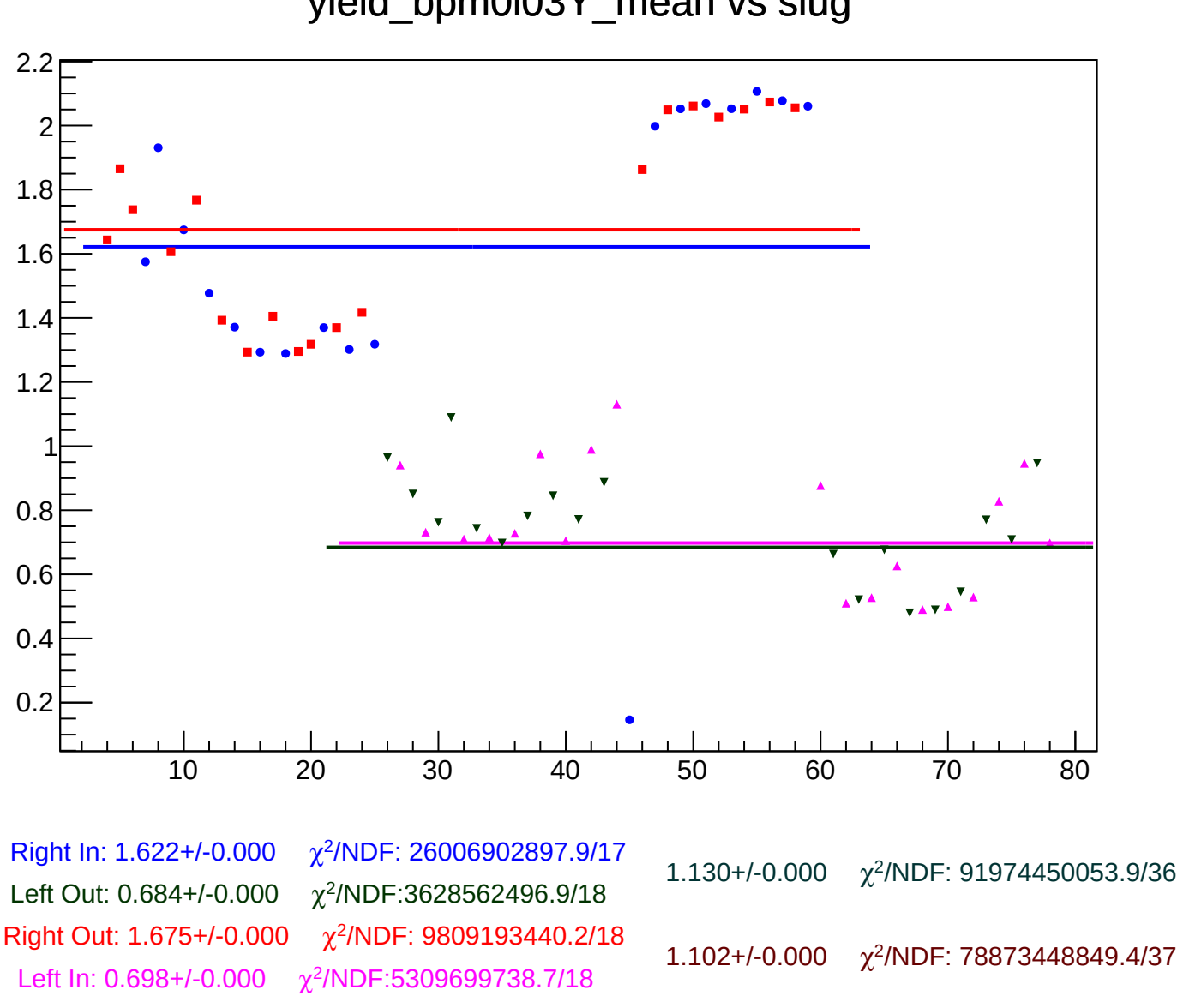
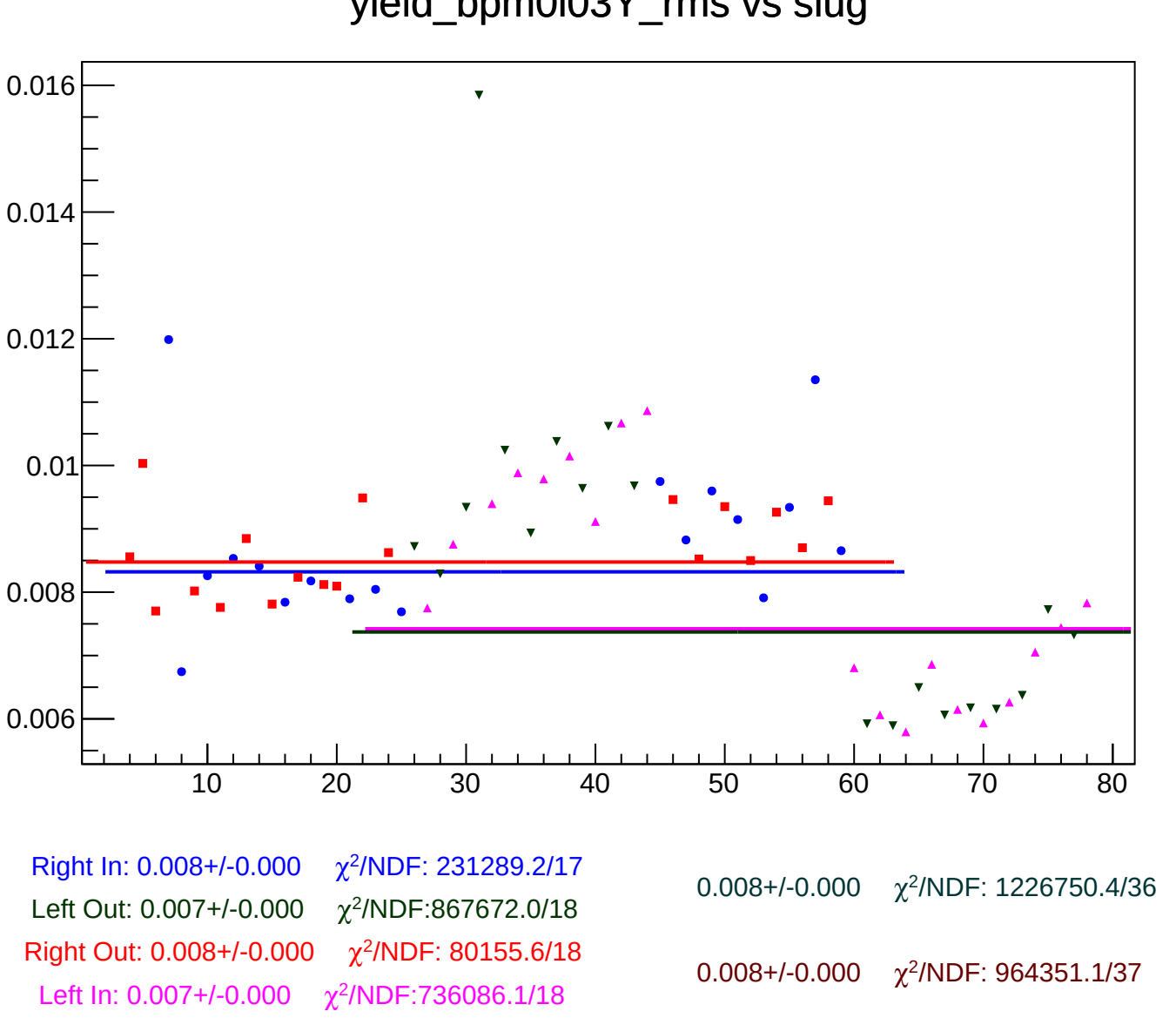
0.012
0.011
0.01
0.009
0.008
0.007
0.006
10
20
30
40
50
60
70
80
Right In: 0.008+/-0.000 χ²/NDF: 95241.7/17
Left Out: 0.007+/-0.000 χ²/NDF:418951.7/18
Right Out: 0.008+/-0.000 χ²/NDF: 57509.8/18
Left In: 0.007+/-0.000 χ²/NDF:448154.3/18
0.008+/-0.000 χ²/NDF: 578540.6/36
0.008+/-0.000 χ²/NDF: 636550.6/37


yield_bpm0l03Y_mean vs slug
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
10
20
30
40
50
60
70
80
Right In: 1.622+/-0.000 χ²/NDF: 26006902897.9/17
Left Out: 0.684+/-0.000 χ²/NDF:3628562496.9/18
Right Out: 1.675+/-0.000 χ²/NDF: 9809193440.2/18
Left In: 0.698+/-0.000 χ²/NDF:5309699738.7/18
1.130+/-0.000 χ²/NDF: 91974450053.9/36
1.102+/-0.000 χ²/NDF: 78873448849.4/37


yield_bpm0l03Y_rms vs slug
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0.01
0.008
0.006
10
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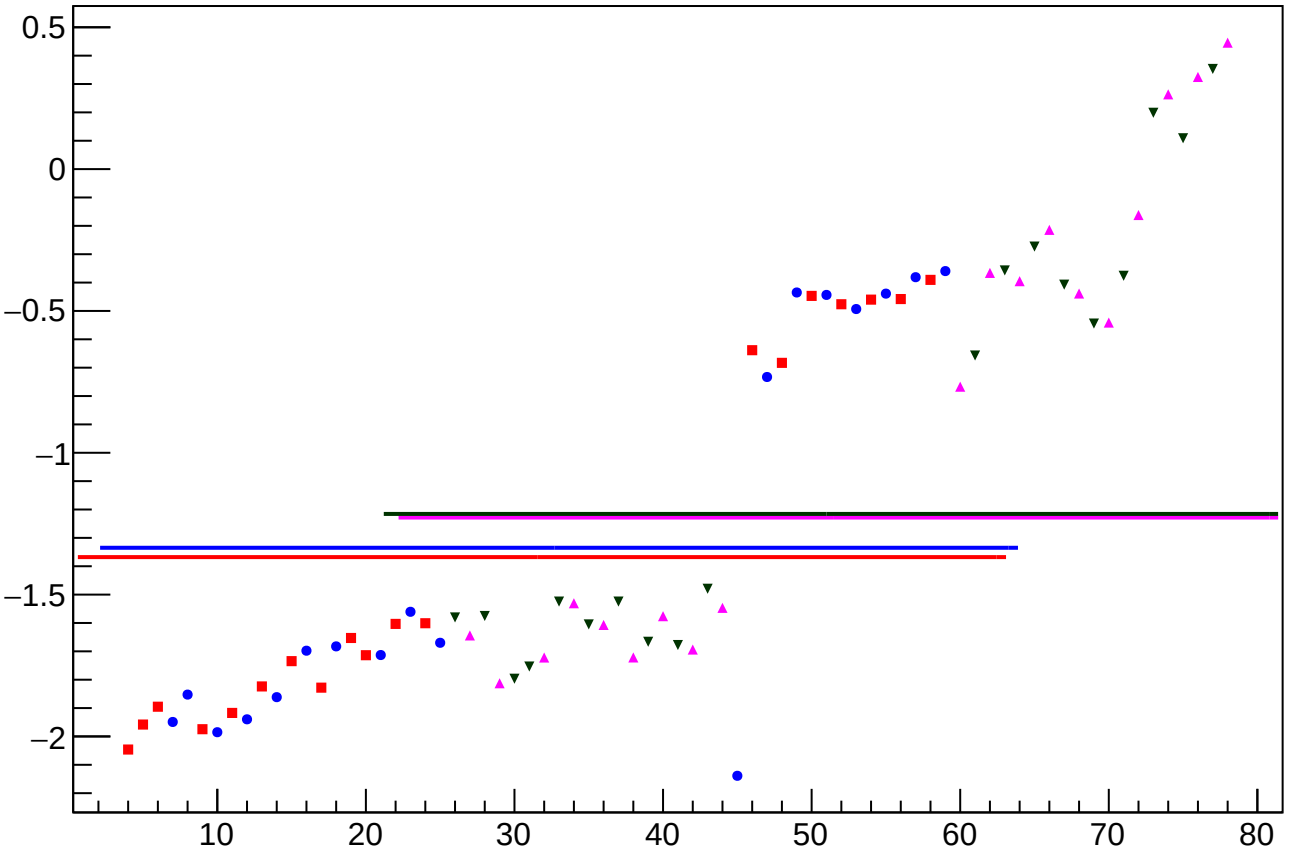
50
60
70
80
Right In: 0.008+/-0.000 χ²/NDF: 231289.2/17
Left Out: 0.007+/-0.000 χ²/NDF:867672.0/18
Right Out: 0.008+/-0.000 χ²/NDF: 80155.6/18
Left In: 0.007+/-0.000 χ²/NDF:736086.1/18
0.008+/-0.000 χ²/NDF: 1226750.4/36
0.008+/-0.000 χ²/NDF: 964351.1/37



Right In: -1.335+/-0.000 χ^2/NDF: 38397269291.9/17

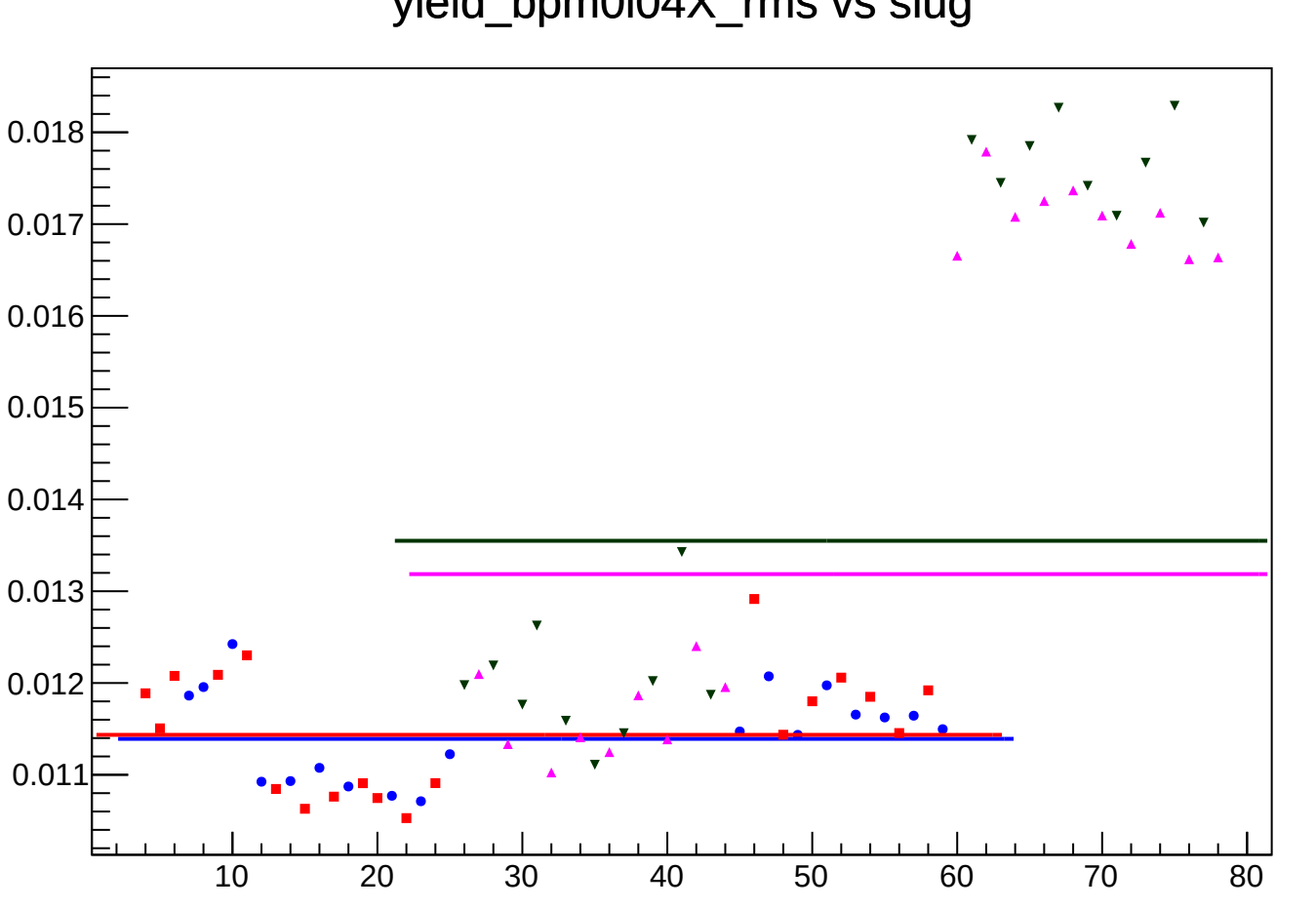
Left Out: -1.216+/-0.000 χ^2/NDF:22306134119.8/18

Right Out: -1.368+/-0.000 χ^2/NDF: 29057521992.7/18

Left In: -1.228+/-0.000 χ^2/NDF:30010412561.6/18

-1.290+/-0.000 χ^2/NDF: 61158230819.1/36

-1.306+/-0.000 χ^2/NDF: 59710035018.3/37



Right In: 0.011+/-0.000 χ^2/NDF: 41989.4/17

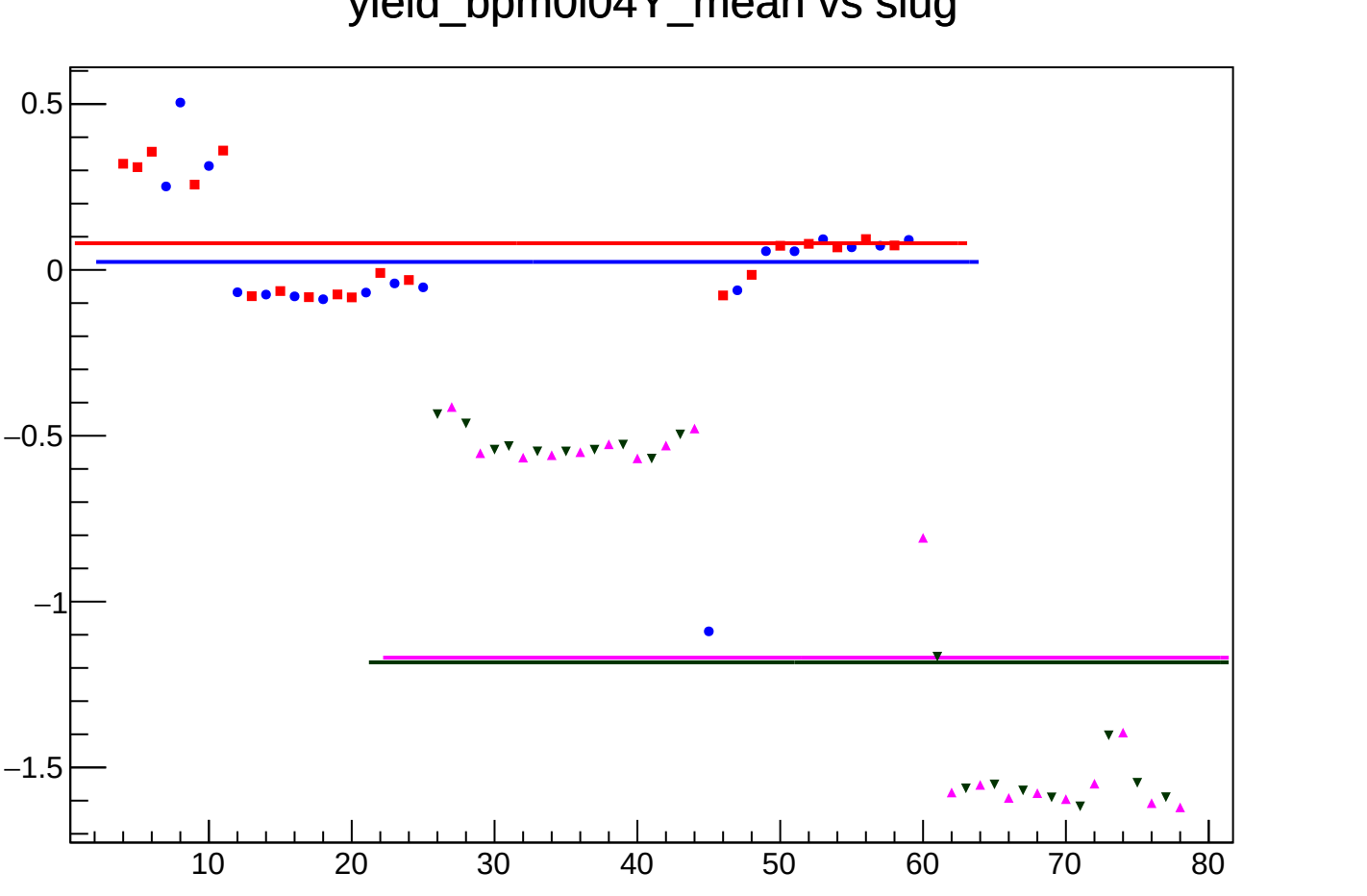
Left Out: 0.014+/-0.000 χ^2/NDF:699953.0/18

Right Out: 0.011+/-0.000 χ^2/NDF: 65676.1/18

Left In: 0.013+/-0.000 χ^2/NDF:750428.0/18

0.012+/-0.000 χ^2/NDF: 1039620.2/36

0.012+/-0.000 χ^2/NDF: 1018636.0/37



Right In: 0.024+/-0.000 χ^2/NDF: 18234538167.9/17

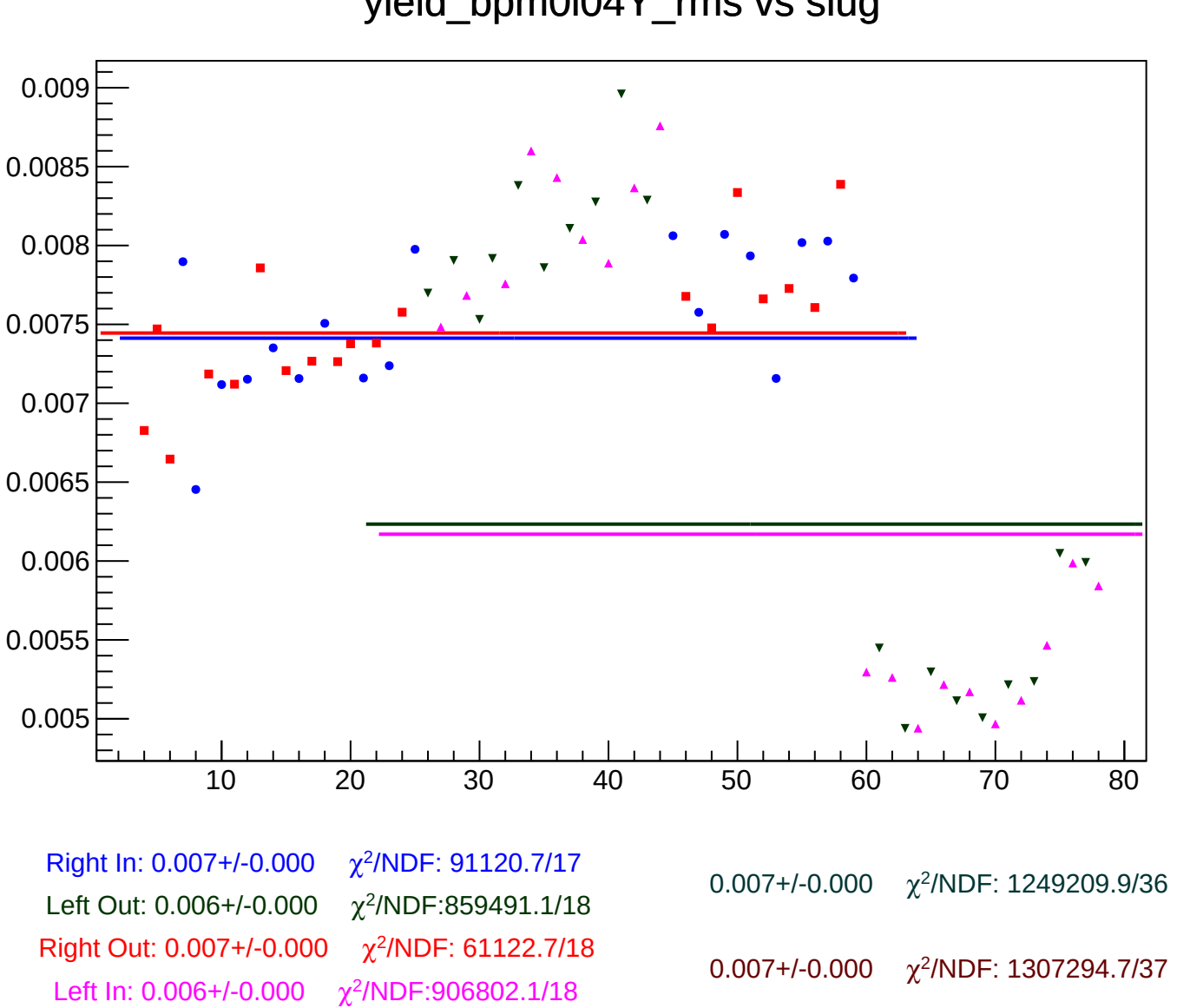
Left Out: -1.183+/-0.000 χ^2/NDF:55114784660.2/18

Right Out: 0.080+/-0.000 χ^2/NDF: 4561023053.2/18

Left In: -1.169+/-0.000 χ^2/NDF:63968734638.2/18

-0.630+/-0.000 χ^2/NDF: 229913887250.8/36

-0.675+/-0.000 χ^2/NDF: 231378645826.5/37


yield_bpm0l04Y_rms vs slug
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0.007
0.0065
0.006
0.0055
0.005
10
20
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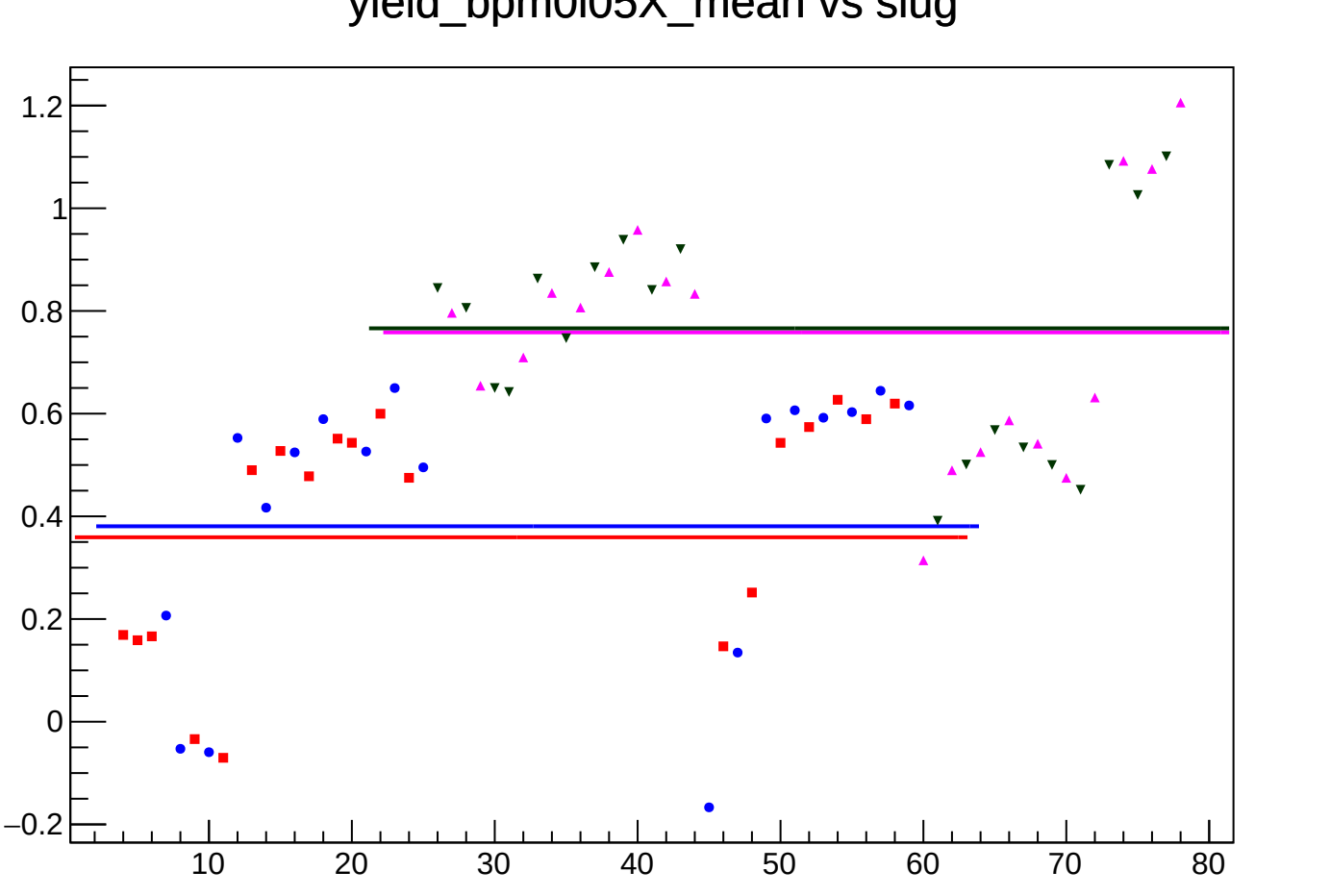
40
50
60
70
80
Right In: 0.007+/-0.000 χ²/NDF: 91120.7/17
Left Out: 0.006+/-0.000 χ²/NDF:859491.1/18
Right Out: 0.007+/-0.000 χ²/NDF: 61122.7/18
Left In: 0.006+/-0.000 χ²/NDF:906802.1/18
0.007+/-0.000 χ²/NDF: 1249209.9/36
0.007+/-0.000 χ²/NDF: 1307294.7/37



Right In: 0.381+/-0.000 χ^2/NDF: 17766233664.3/17

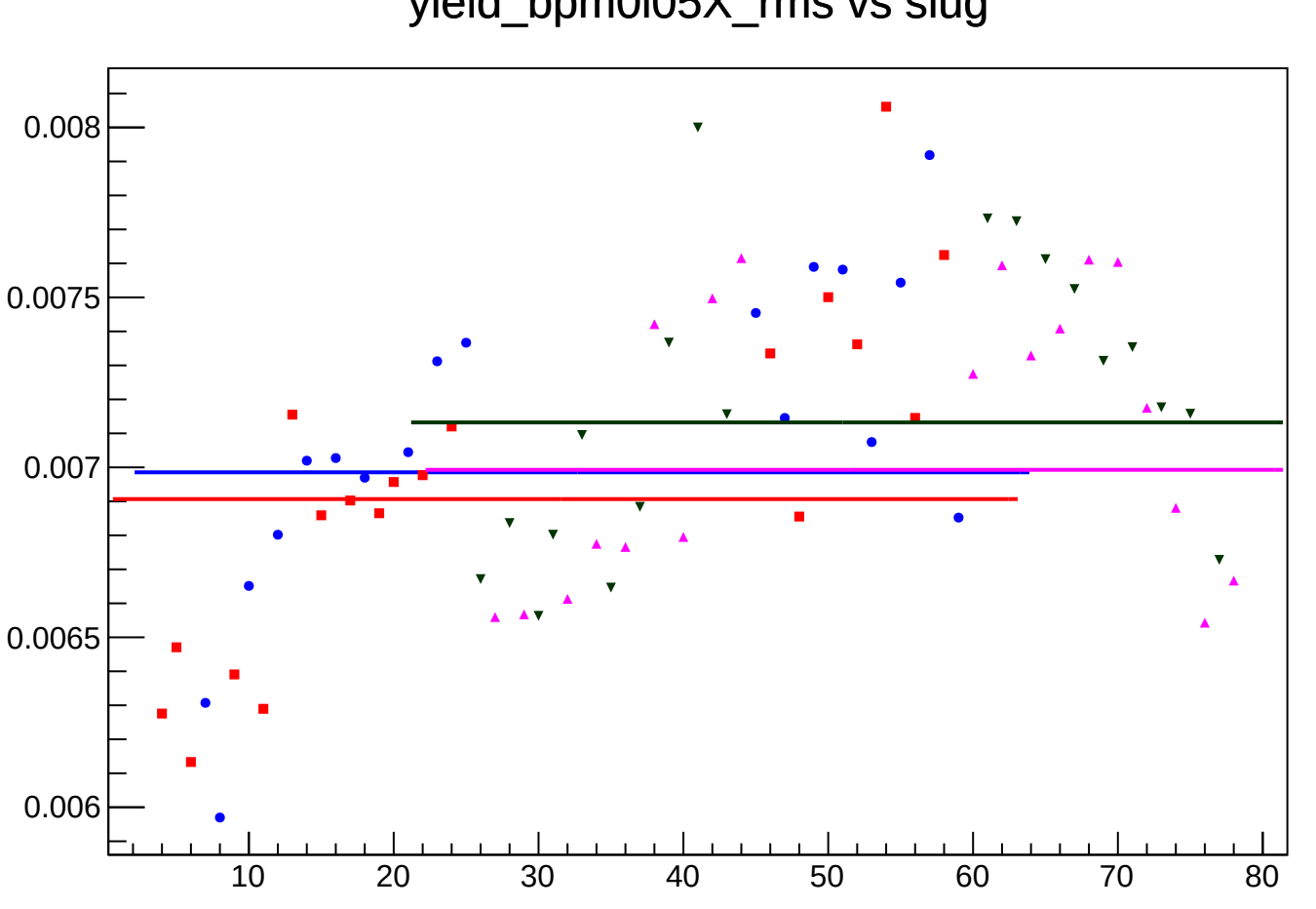
Left Out: 0.766+/-0.000 χ^2/NDF:8154419548.6/18

Right Out: 0.359+/-0.000 χ^2/NDF: 11904326957.3/18

Left In: 0.758+/-0.000 χ^2/NDF:10225014860.6/18

0.557+/-0.000 χ^2/NDF: 41214614684.1/36

0.565+/-0.000 χ^2/NDF: 38759616549.5/37



Right In: 0.007+/-0.000 χ^2/NDF: 107156.0/17

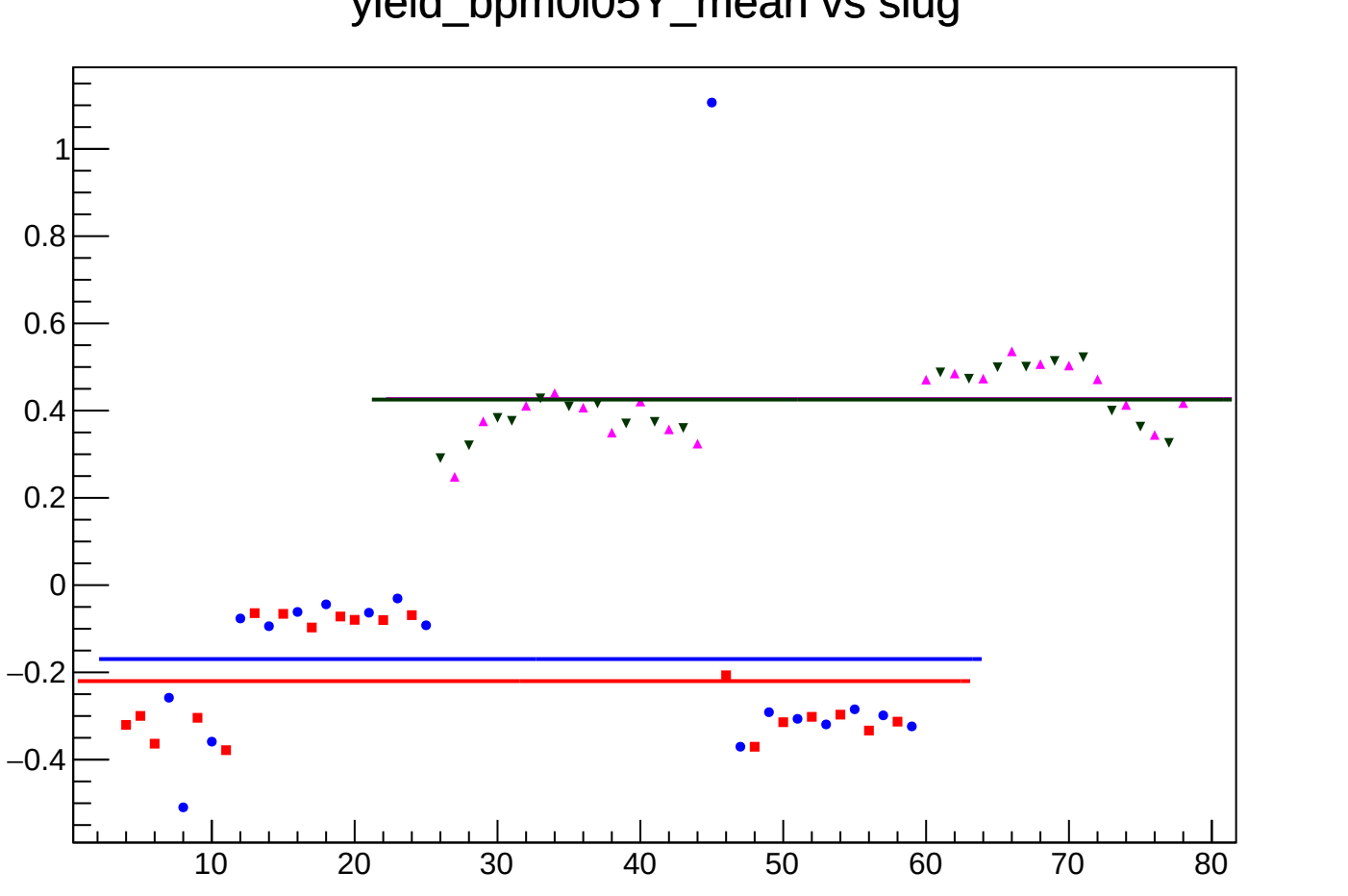
Left Out: 0.007+/-0.000 χ^2/NDF:61327.1/18

Right Out: 0.007+/-0.000 χ^2/NDF: 97555.6/18

Left In: 0.007+/-0.000 χ^2/NDF:72595.6/18

0.007+/-0.000 χ^2/NDF: 172913.8/36

0.007+/-0.000 χ^2/NDF: 171698.1/37



Right In: -0.169+/-0.000 χ^2/NDF: 37135565875.9/17

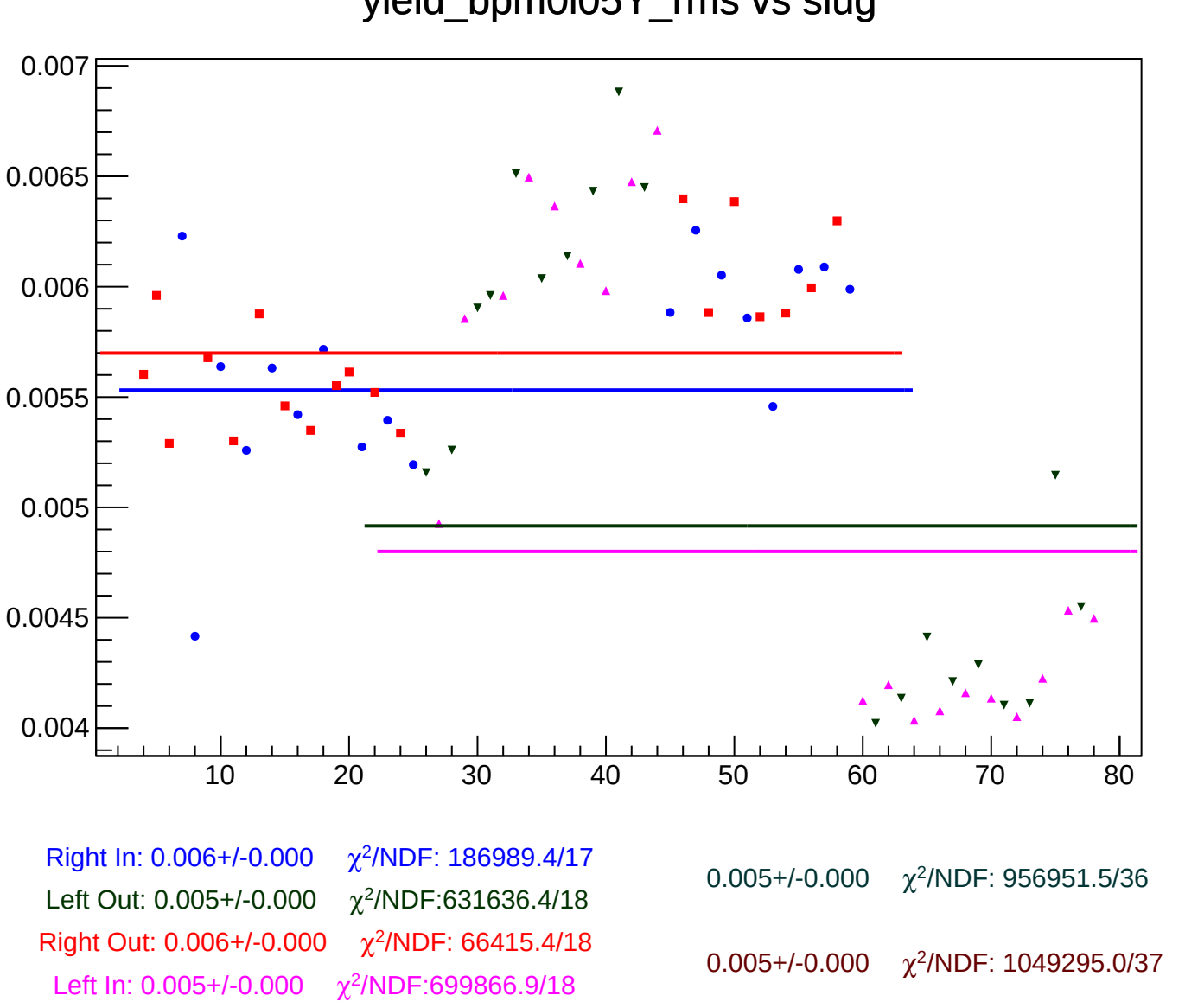
Left Out: 0.425+/-0.000 χ^2/NDF:2024580843.5/18

Right Out: -0.220+/-0.000 χ^2/NDF: 4721801975.9/18

Left In: 0.427+/-0.000 χ^2/NDF:2600351849.3/18

0.139+/-0.000 χ^2/NDF: 103751959716.4/36

0.167+/-0.000 χ^2/NDF: 80644271630.9/37


yield_bpm0l05Y_rms vs slug
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0.0065
0.006
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0.005
0.0045
0.004
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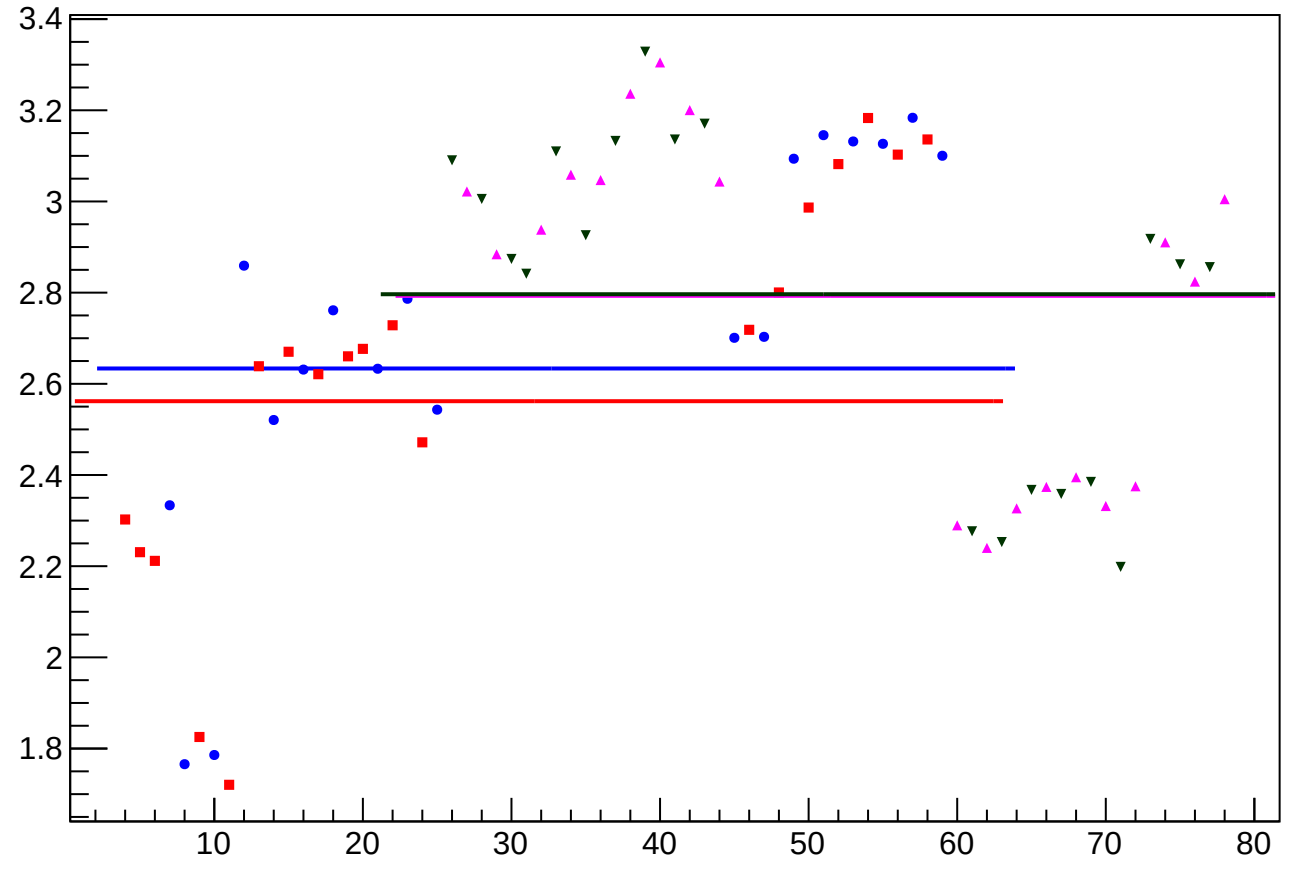
50
60
70
80
Right In: 0.006+/-0.000 χ²/NDF: 186989.4/17
Left Out: 0.005+/-0.000 χ²/NDF:631636.4/18
Right Out: 0.006+/-0.000 χ²/NDF: 66415.4/18
Left In: 0.005+/-0.000 χ²/NDF:699866.9/18
0.005+/-0.000 χ²/NDF: 956951.5/36
0.005+/-0.000 χ²/NDF: 1049295.0/37



Right In: 2.634+/-0.000 χ^2/NDF: 15879791998.3/17

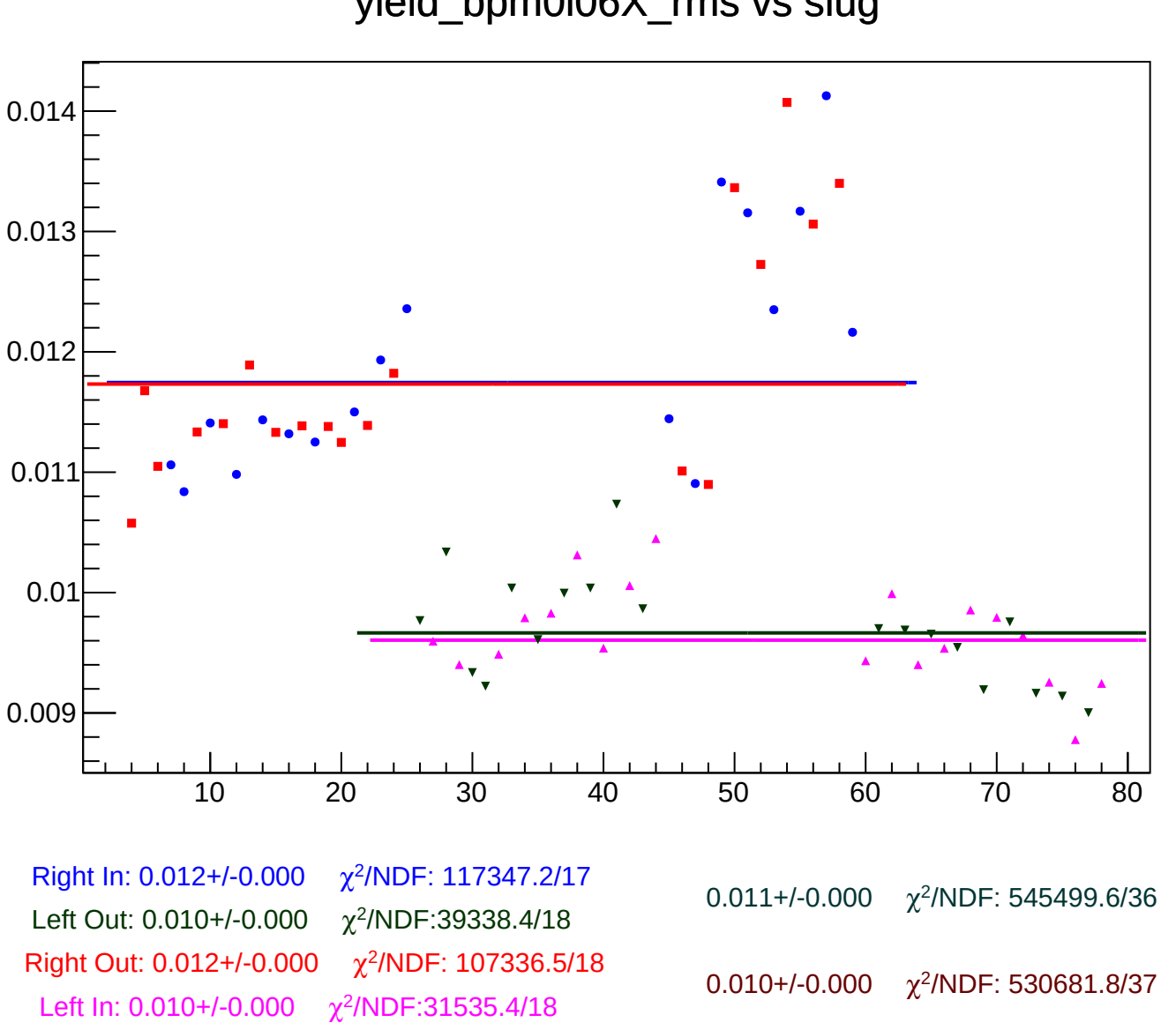
Left Out: 2.797+/-0.000 χ^2/NDF:12897723426.0/18

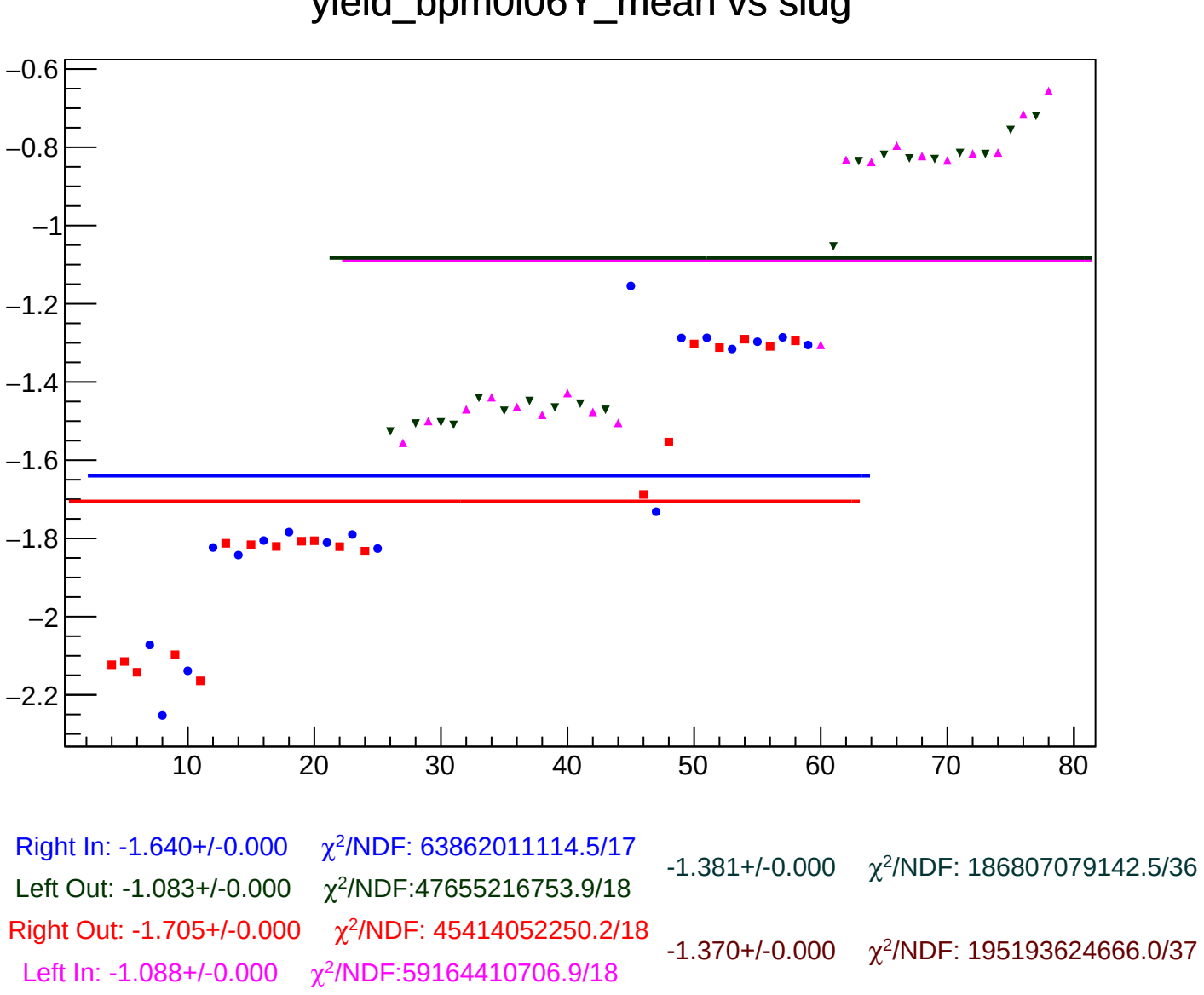
Right Out: 2.562+/-0.000 χ^2/NDF: 12349960173.0/18

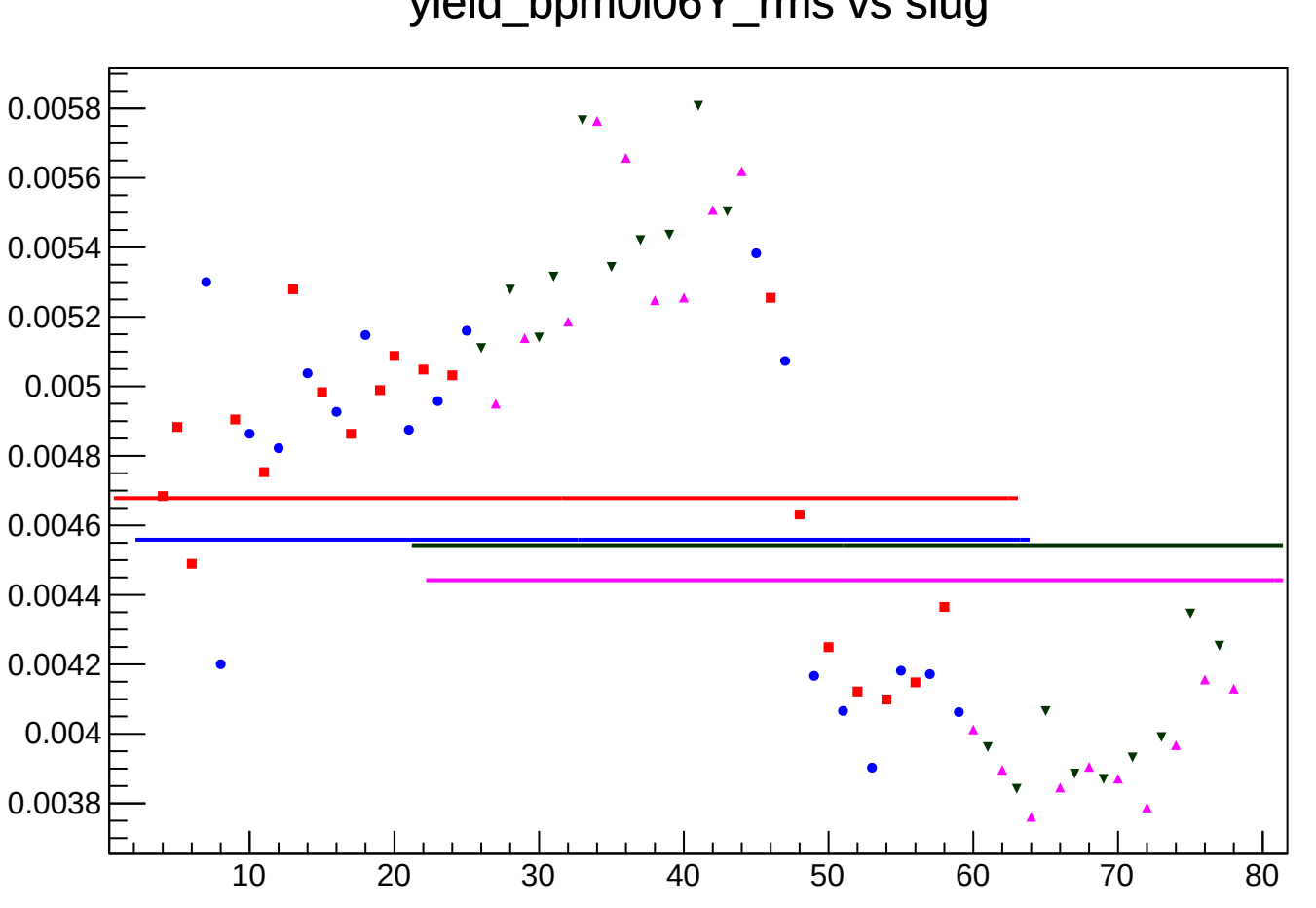
Left In: 2.793+/-0.000 χ^2/NDF:13184721091.3/18

2.726+/-0.000 χ^2/NDF: 29969472545.4/36

2.705+/-0.000 χ^2/NDF: 27845115204.3/37


yield_bpm0l06X_rms vs slug
0.014
0.013
0.012
0.011
0.01
0.009
10
20
30
40
50
60
70
80
Right In: 0.012+/-0.000 χ²/NDF: 117347.2/17
Left Out: 0.010+/-0.000 χ²/NDF:39338.4/18
Right Out: 0.012+/-0.000 χ²/NDF: 107336.5/18
Left In: 0.010+/-0.000 χ²/NDF:31535.4/18
0.011+/-0.000 χ²/NDF: 545499.6/36
0.010+/-0.000 χ²/NDF: 530681.8/37


yield_bpm0l06Y_mean vs slug
−0.6
−0.8
−1
−1.2
−1.4
−1.6
−1.8
−2
−2.2
10
20
30
40
50
60
70
80
Right In: -1.640+/-0.000 χ²/NDF: 63862011114.5/17
Left Out: -1.083+/-0.000 χ²/NDF:47655216753.9/18
Right Out: -1.705+/-0.000 χ²/NDF: 45414052250.2/18
Left In: -1.088+/-0.000 χ²/NDF:59164410706.9/18
-1.381+/-0.000 χ²/NDF: 186807079142.5/36
-1.370+/-0.000 χ²/NDF: 195193624666.0/37



Right In: 0.005+/-0.000 χ^2/NDF: 228593.7/17

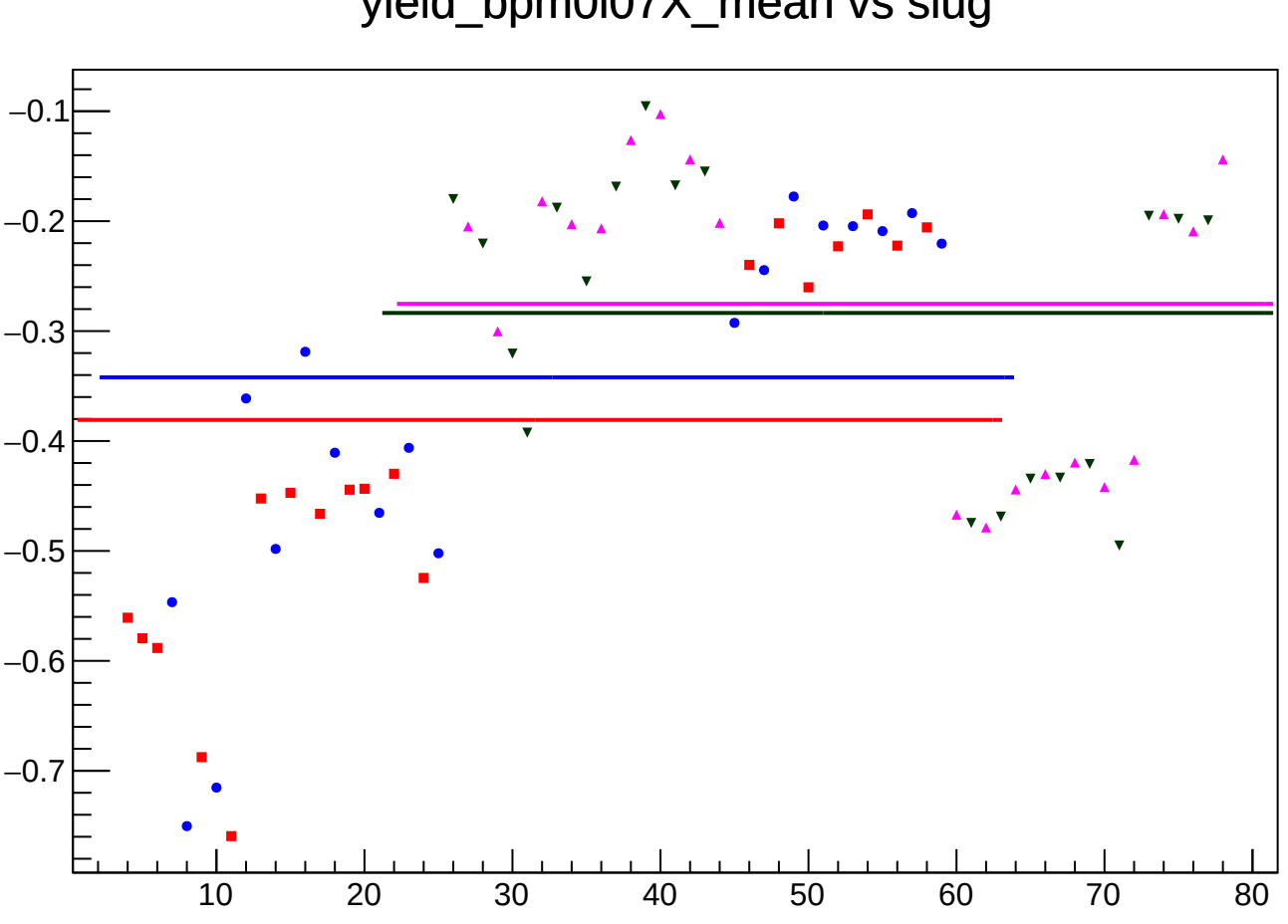
Left Out: 0.005+/-0.000 χ^2/NDF:451352.4/18

Right Out: 0.005+/-0.000 χ^2/NDF: 136426.0/18

Left In: 0.004+/-0.000 χ^2/NDF:492217.5/18

0.005+/-0.000 χ^2/NDF: 680066.8/36

0.005+/-0.000 χ^2/NDF: 655138.2/37



Right In: -0.342+/-0.000 χ^2/NDF: 1669772673.5/17

Left Out: -0.284+/-0.000 χ^2/NDF:752681748.7/18

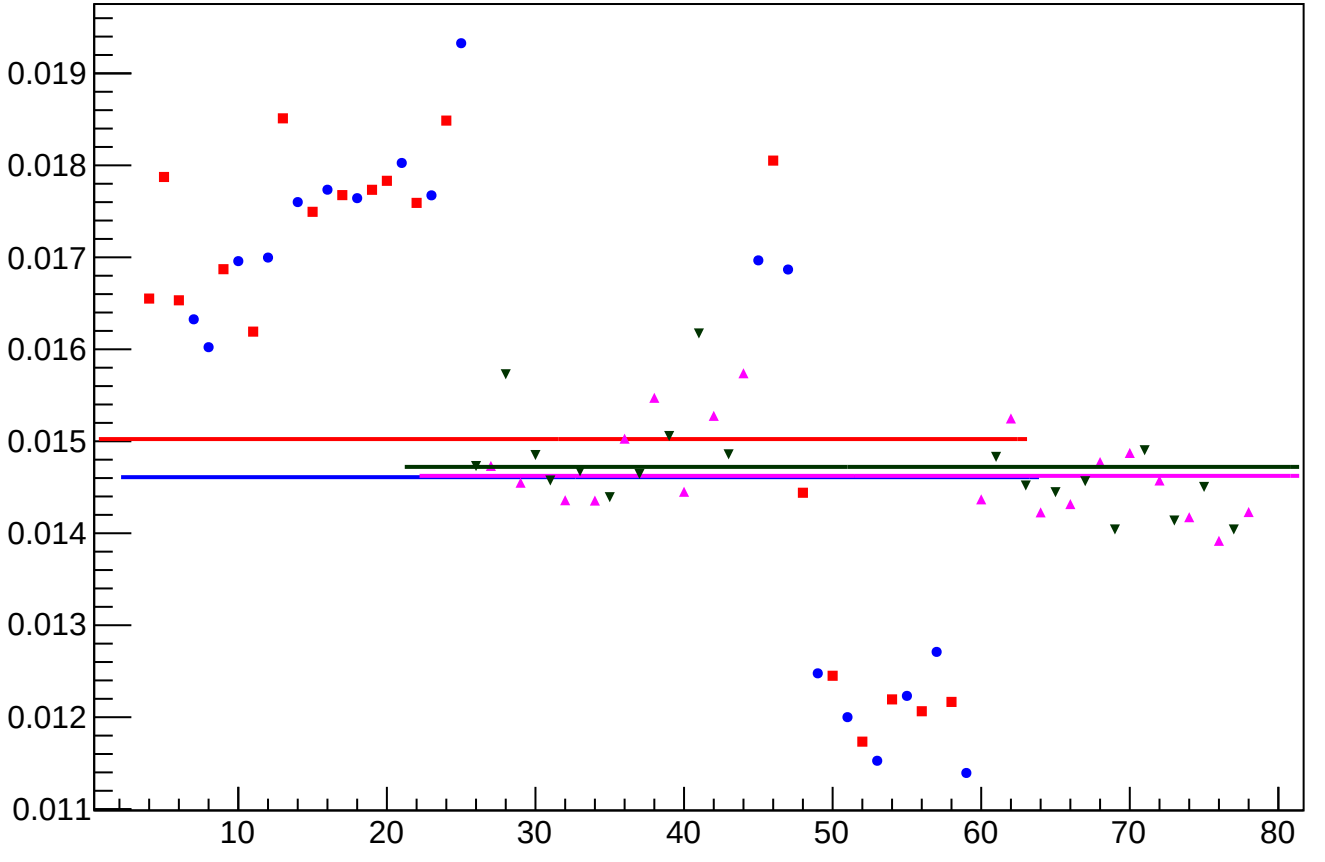
Right Out: -0.381+/-0.000 χ^2/NDF: 1387002500.9/18

Left In: -0.275+/-0.000 χ^2/NDF:784177901.2/18

-0.314+/-0.000 χ^2/NDF: 2503922485.6/36

-0.323+/-0.000 χ^2/NDF: 2422952442.1/37

yield_bpm0l07X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF: 711926.7/17

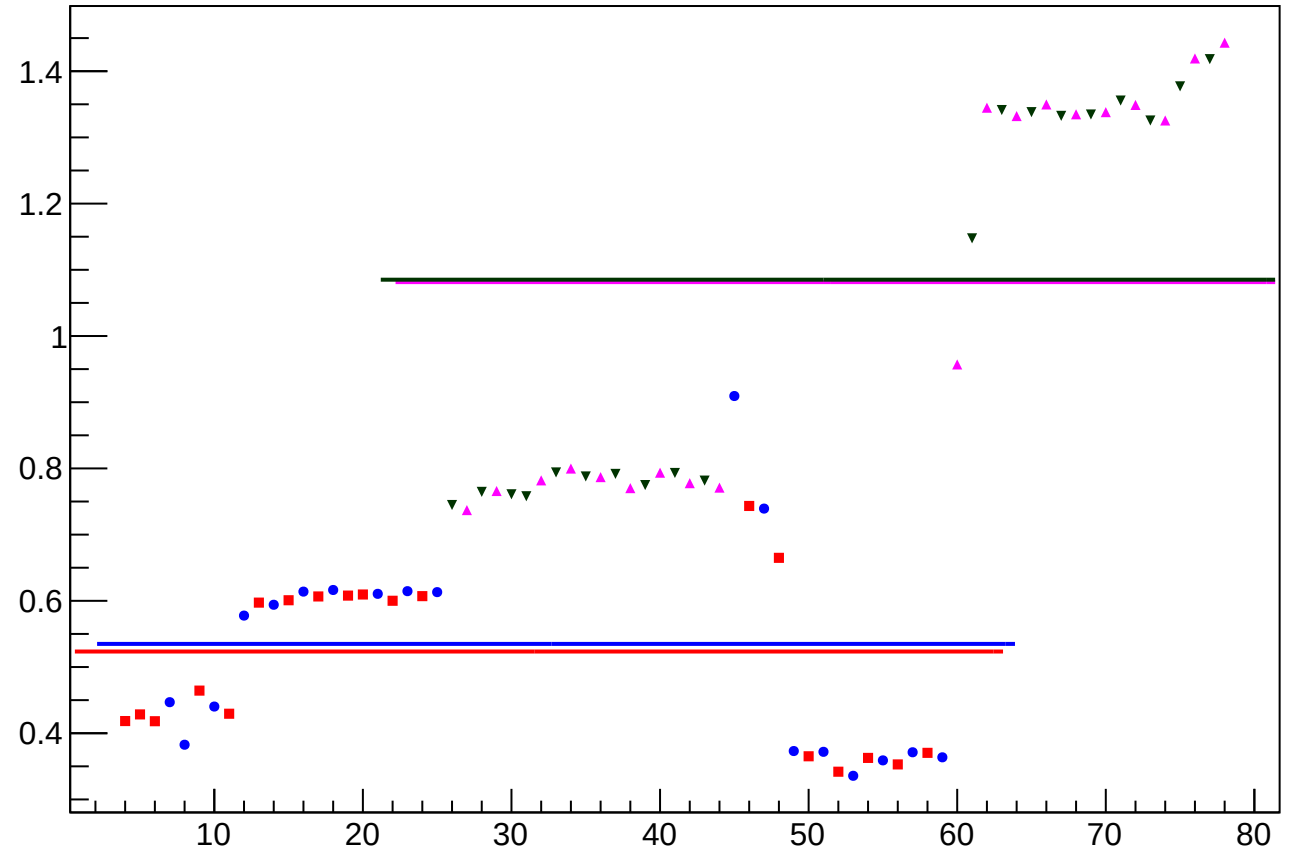
Left Out: 0.015+/-0.000 χ^2/NDF:23994.4/18

Right Out: 0.015+/-0.000 χ^2/NDF: 573783.3/18

Left In: 0.015+/-0.000 χ^2/NDF:20294.1/18

0.015+/-0.000 χ^2/NDF: 736513.3/36

0.015+/-0.000 χ^2/NDF: 601301.7/37



Right In: 0.535+/-0.000 χ^2/NDF: 21231144094.8/17

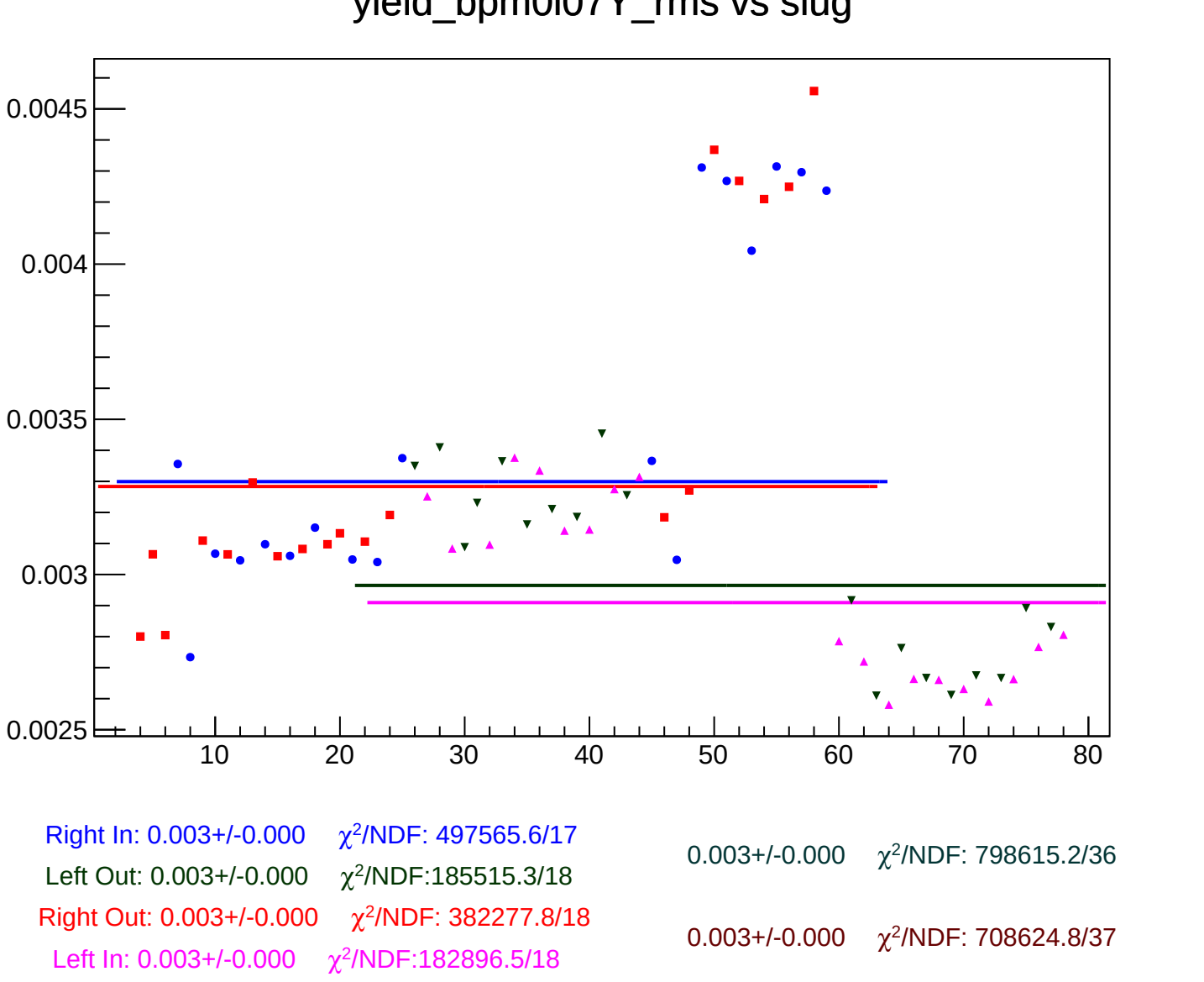
Left Out: 1.085+/-0.000 χ^2/NDF:86401888844.0/18

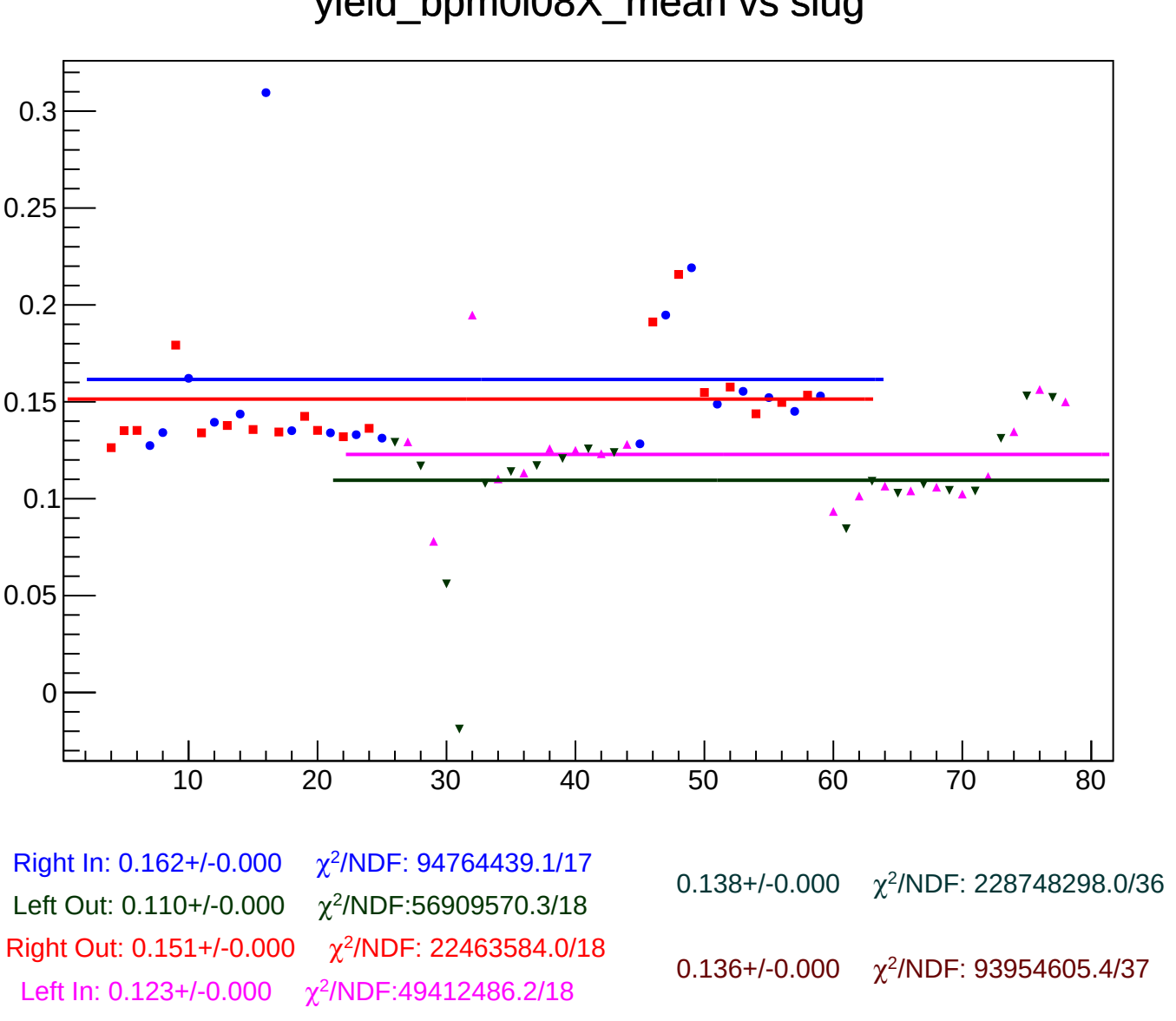
Right Out: 0.523+/-0.000 χ^2/NDF: 11523934099.1/18

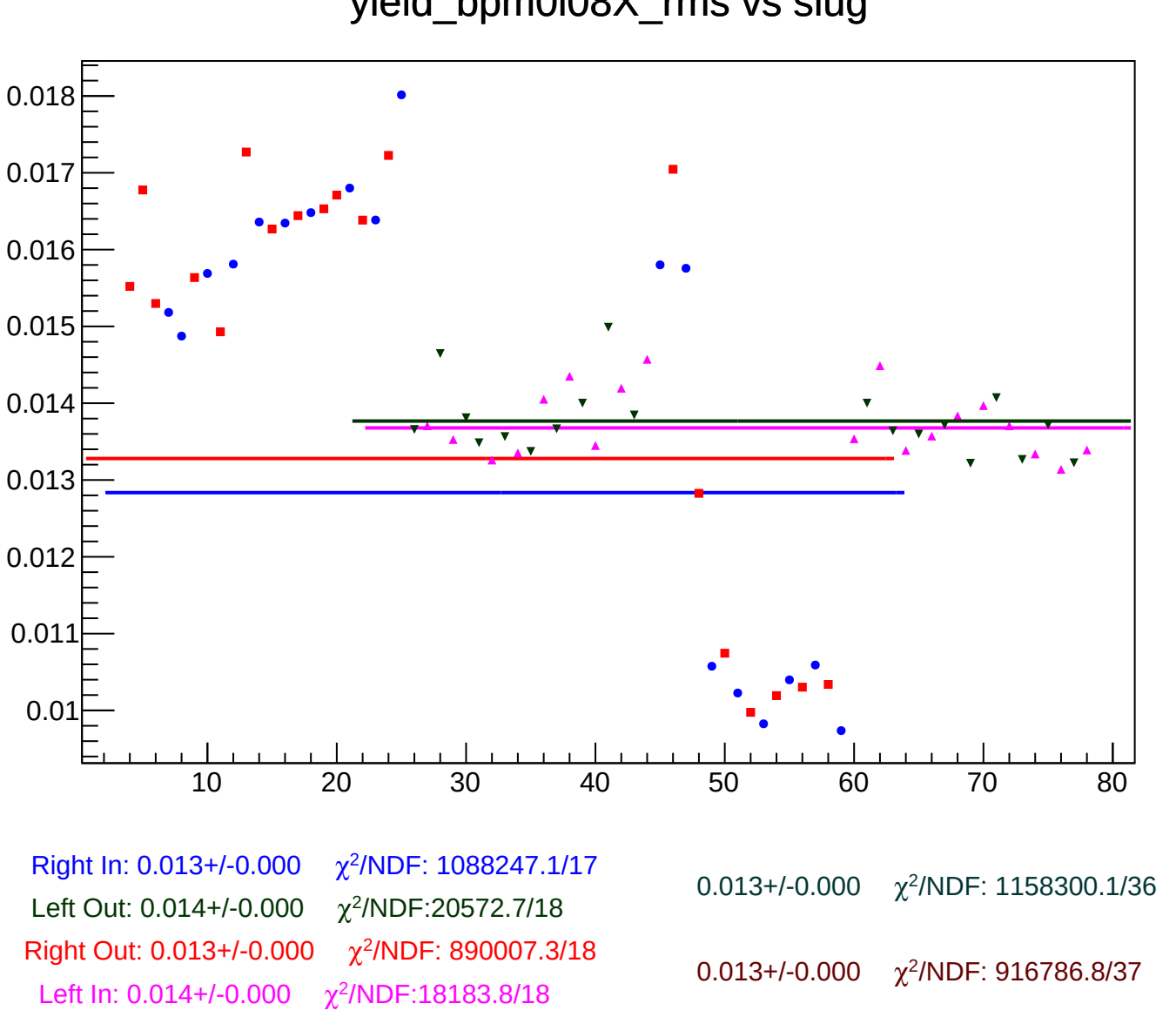
Left In: 1.081+/-0.000 χ^2/NDF:101512954401.9/18

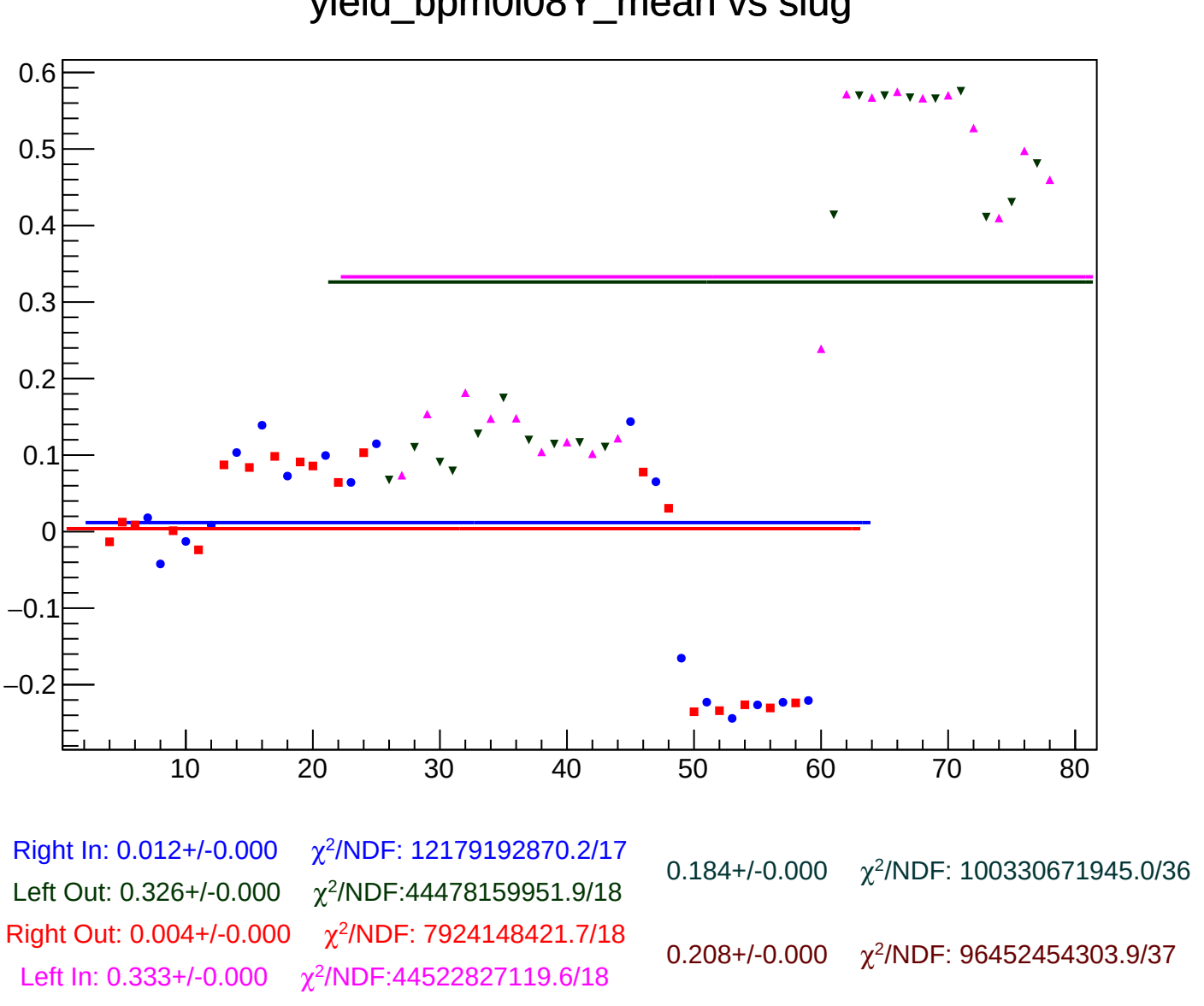
0.823+/-0.000 χ^2/NDF: 263992647771.8/36

0.850+/-0.000 χ^2/NDF: 272696311004.5/37

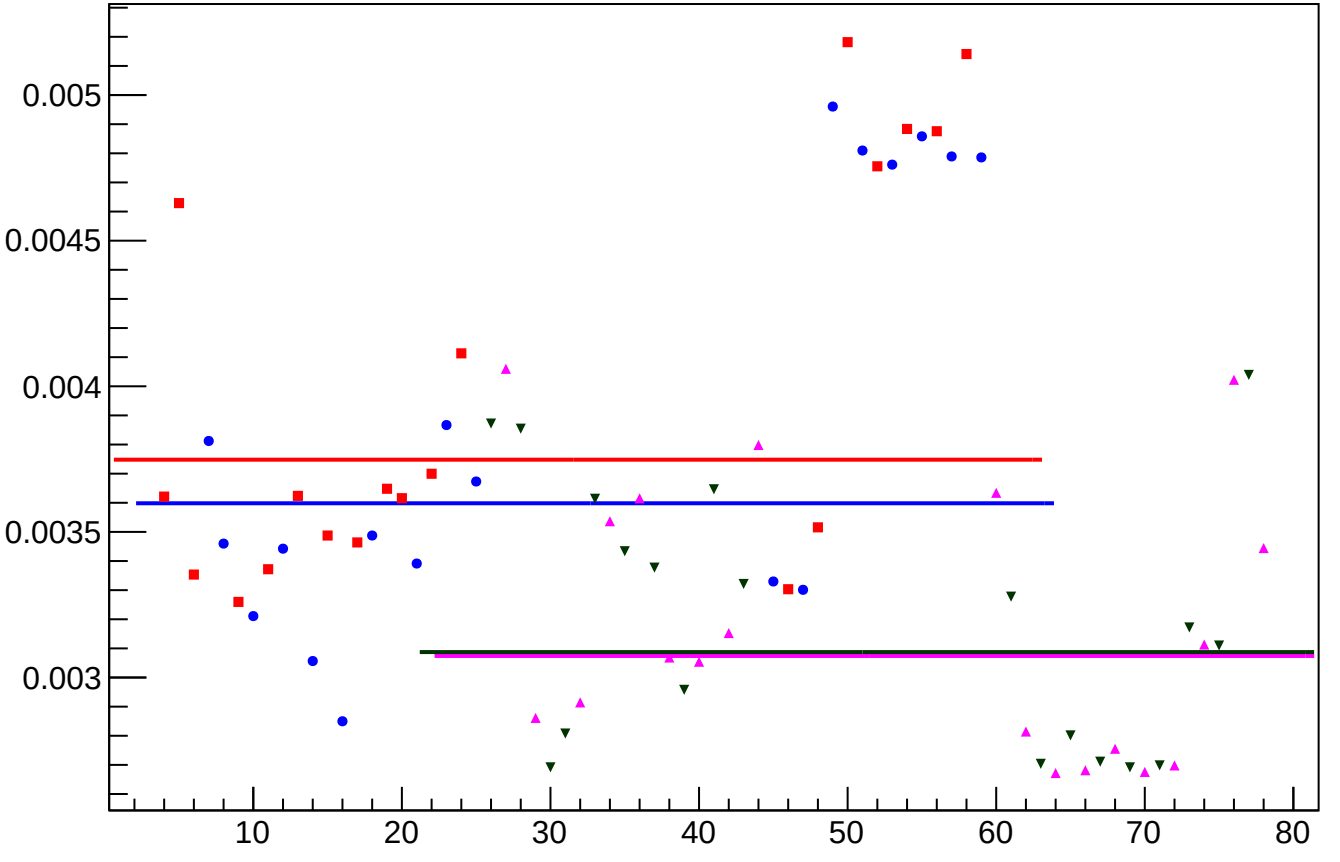

yield_bpm0l07Y_rms vs slug
0.0045
0.004
0.0035
0.003
0.0025
10
20
30
40
50
60
70
80
Right In: 0.003+/-0.000 χ²/NDF: 497565.6/17
Left Out: 0.003+/-0.000 χ²/NDF:185515.3/18
Right Out: 0.003+/-0.000 χ²/NDF: 382277.8/18
Left In: 0.003+/-0.000 χ²/NDF:182896.5/18
0.003+/-0.000 χ²/NDF: 798615.2/36
0.003+/-0.000 χ²/NDF: 708624.8/37


yield_bpm0l08X_mean vs slug
0.3
0.25
0.2
0.15
0.1
0.05
0
10
20
30
40
50
60
70
80
Right In: 0.162+/-0.000 χ²/NDF: 94764439.1/17
Left Out: 0.110+/-0.000 χ²/NDF:56909570.3/18
Right Out: 0.151+/-0.000 χ²/NDF: 22463584.0/18
Left In: 0.123+/-0.000 χ²/NDF:49412486.2/18
0.138+/-0.000 χ²/NDF: 228748298.0/36
0.136+/-0.000 χ²/NDF: 93954605.4/37


yield_bpm0l08X_rms vs slug
0.018
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
10
20
30
40
50
60
70
80
Right In: 0.013+/-0.000 χ²/NDF: 1088247.1/17
Left Out: 0.014+/-0.000 χ²/NDF:20572.7/18
Right Out: 0.013+/-0.000 χ²/NDF: 890007.3/18
Left In: 0.014+/-0.000 χ²/NDF:18183.8/18
0.013+/-0.000 χ²/NDF: 1158300.1/36
0.013+/-0.000 χ²/NDF: 916786.8/37


yield_bpm0l08Y_mean vs slug
0.6
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
10
20
30
40
50
60
70
80
Right In: 0.012+/-0.000 χ²/NDF: 12179192870.2/17
Left Out: 0.326+/-0.000 χ²/NDF:44478159951.9/18
Right Out: 0.004+/-0.000 χ²/NDF: 7924148421.7/18
Left In: 0.333+/-0.000 χ²/NDF:44522827119.6/18
0.184+/-0.000 χ²/NDF: 100330671945.0/36
0.208+/-0.000 χ²/NDF: 96452454303.9/37

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF: 672957.8/17

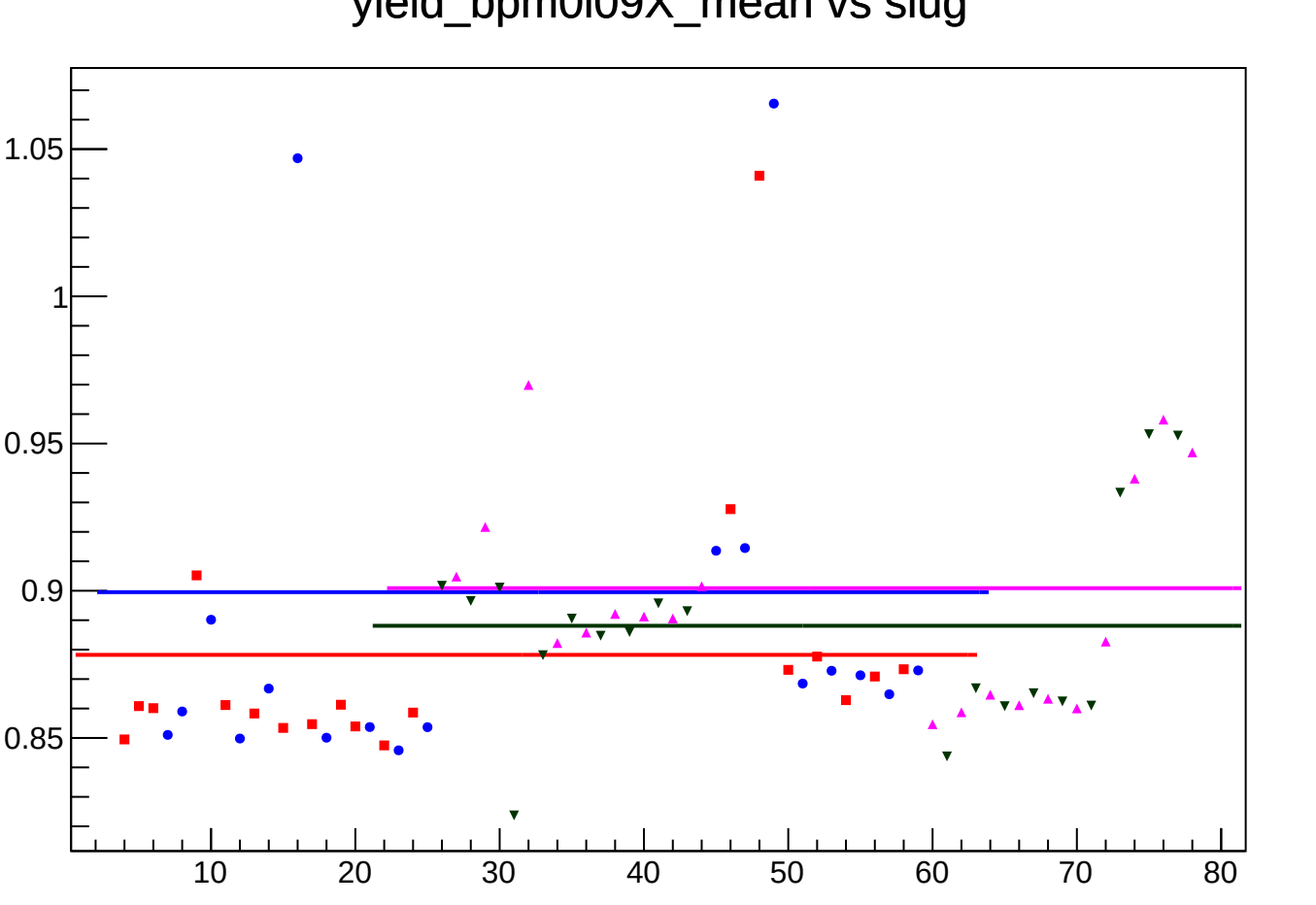
Left Out: 0.003+/-0.000 χ^2/NDF:340799.8/18

Right Out: 0.004+/-0.000 χ^2/NDF: 427283.7/18

Left In: 0.003+/-0.000 χ^2/NDF:386594.6/18

0.003+/-0.000 χ^2/NDF: 1244527.3/36

0.003+/-0.000 χ^2/NDF: 1183087.6/37



Right In: 0.900+/-0.000 χ^2/NDF: 324904340.4/17

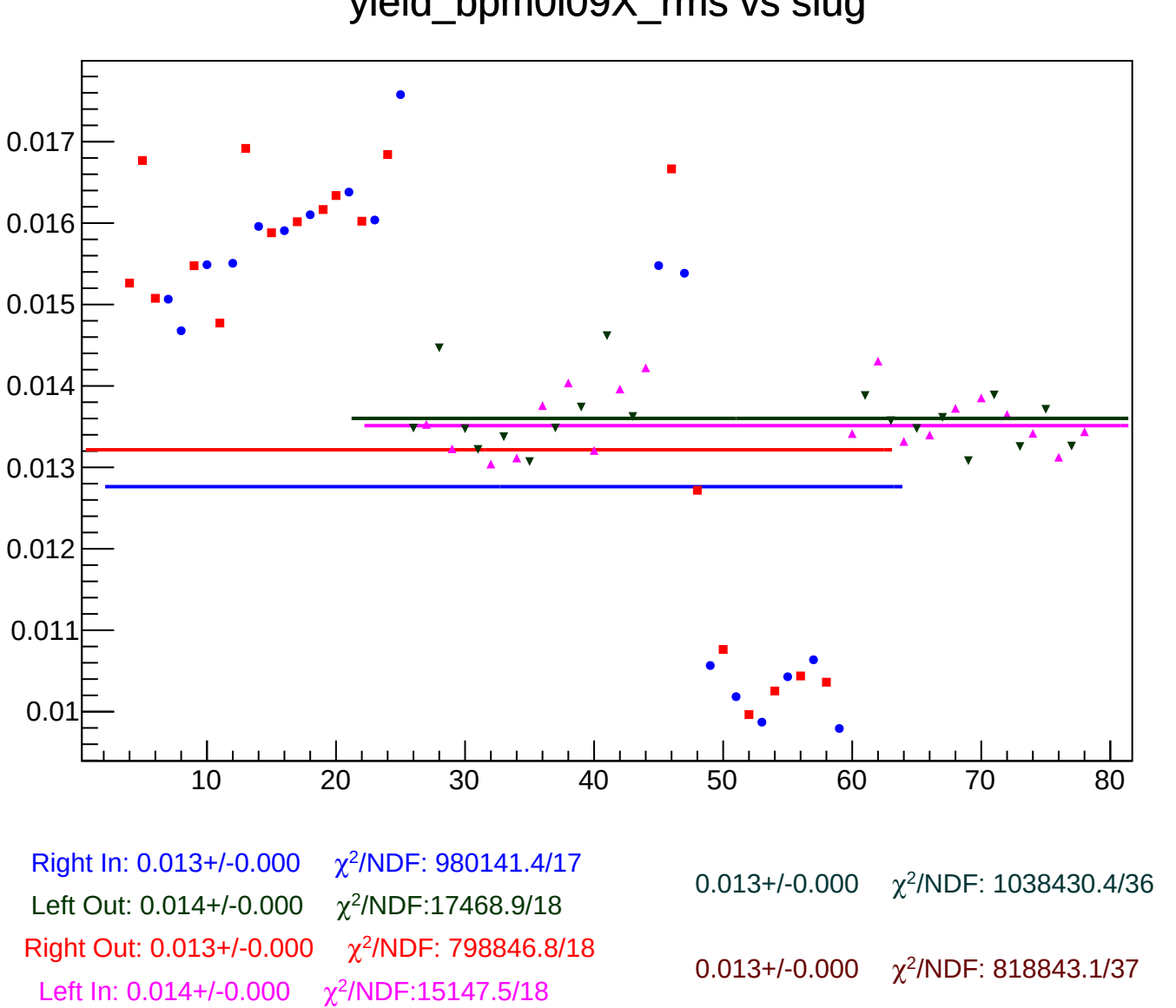
Left Out: 0.888+/-0.000 χ^2/NDF:51900843.6/18

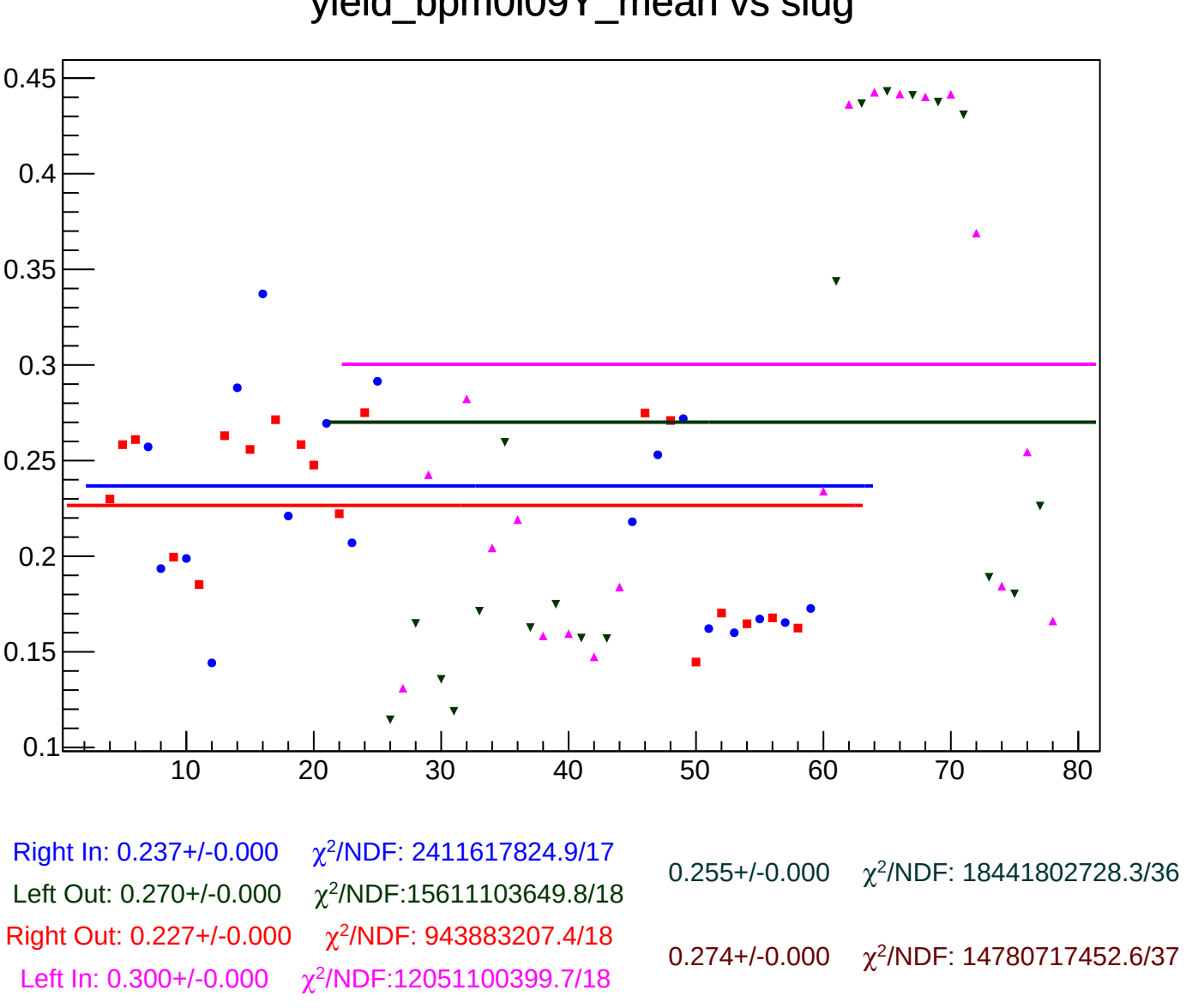
Right Out: 0.878+/-0.000 χ^2/NDF: 92356263.0/18

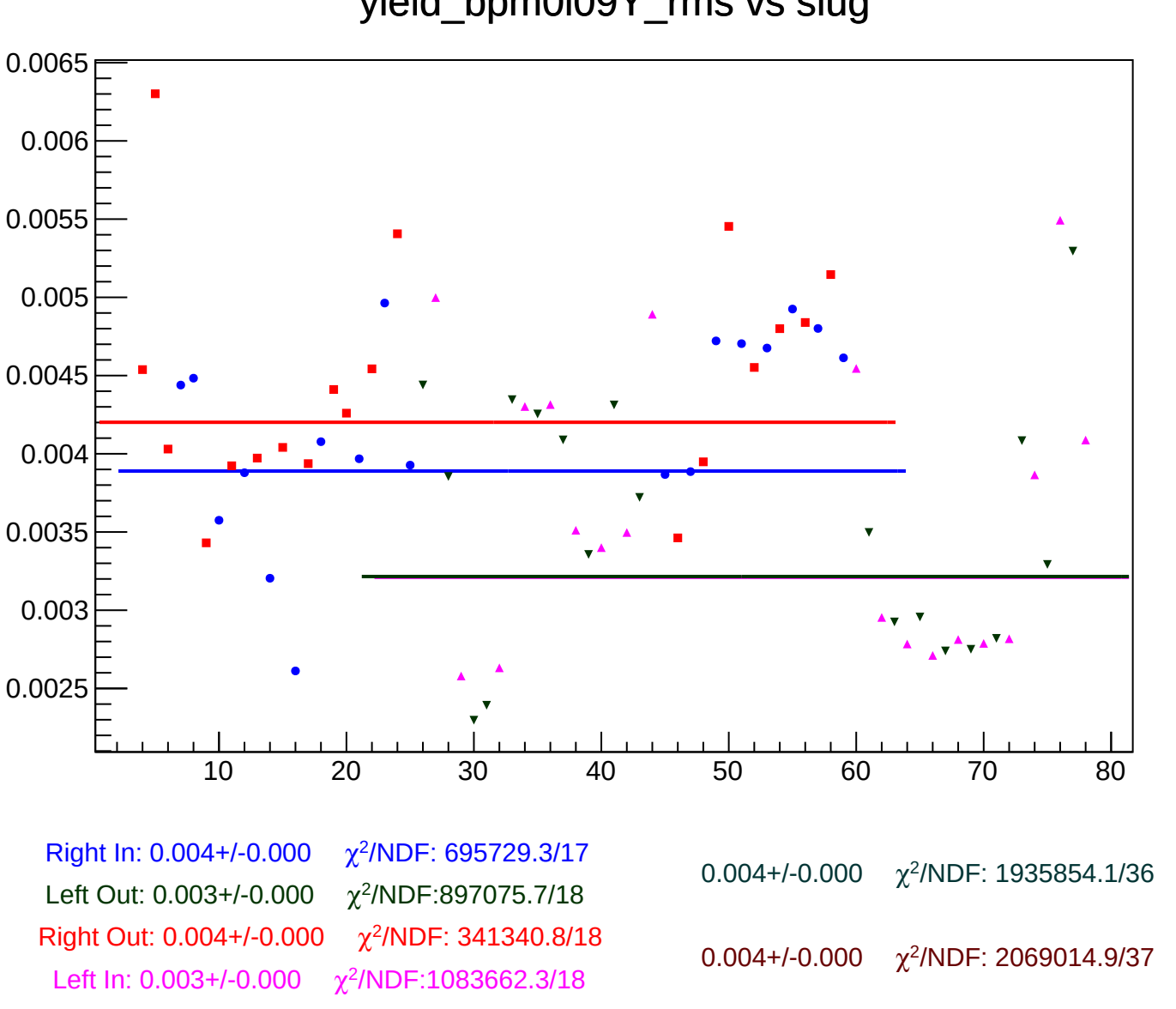
Left In: 0.901+/-0.000 χ^2/NDF:76536607.5/18

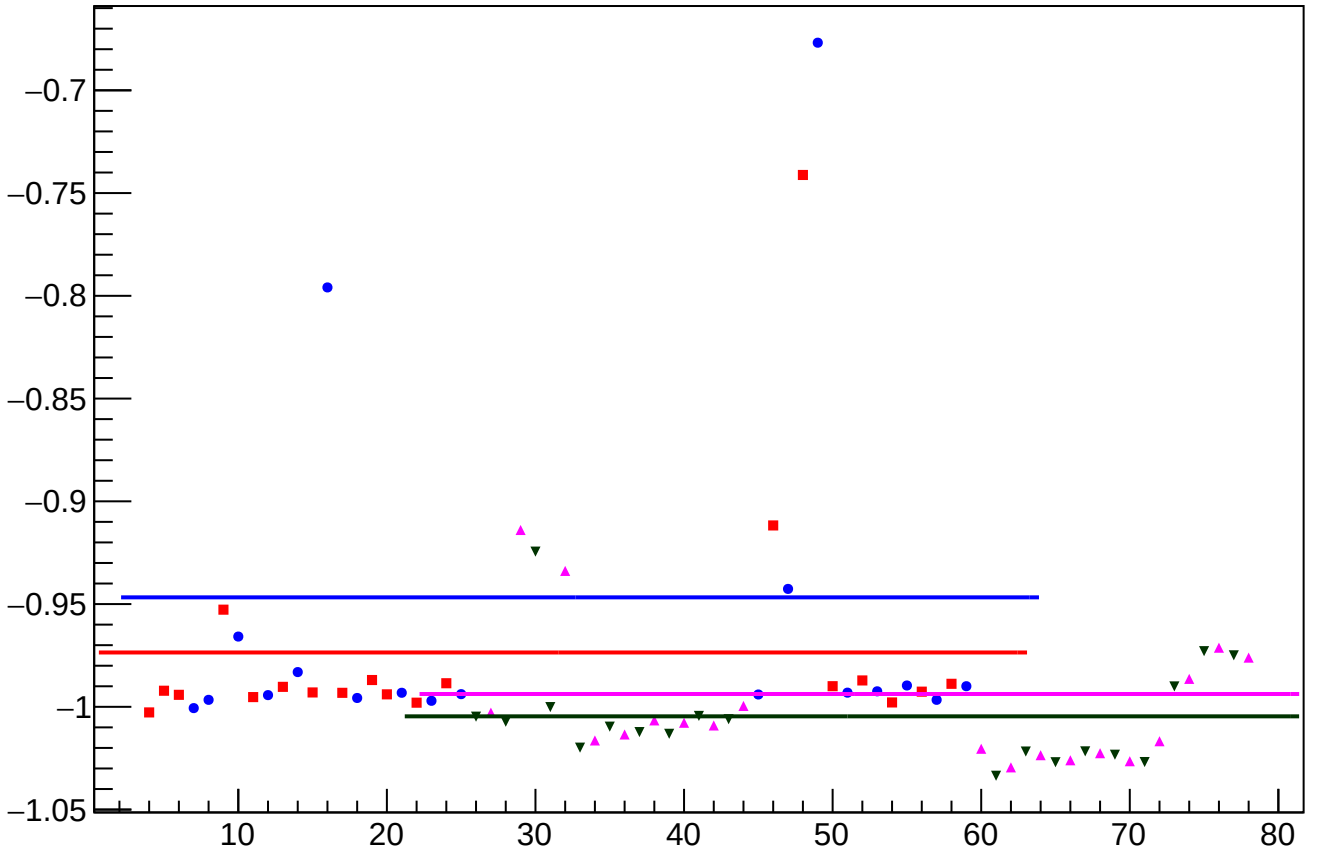
0.894+/-0.000 χ^2/NDF: 380595681.6/36

0.890+/-0.000 χ^2/NDF: 183026237.7/37


yield_bpm0l09X_rms vs slug
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
10
20
30
40
50
60
70
80
Right In: 0.013+/-0.000 χ²/NDF: 980141.4/17
Left Out: 0.014+/-0.000 χ²/NDF:17468.9/18
Right Out: 0.013+/-0.000 χ²/NDF: 798846.8/18
Left In: 0.014+/-0.000 χ²/NDF:15147.5/18
0.013+/-0.000 χ²/NDF: 1038430.4/36
0.013+/-0.000 χ²/NDF: 818843.1/37


yield_bpm0l09Y_mean vs slug
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
10
20
30
40
50
60
70
80
Right In: 0.237+/-0.000 χ²/NDF: 2411617824.9/17
Left Out: 0.270+/-0.000 χ²/NDF:15611103649.8/18
Right Out: 0.227+/-0.000 χ²/NDF: 943883207.4/18
Left In: 0.300+/-0.000 χ²/NDF:12051100399.7/18
0.255+/-0.000 χ²/NDF: 18441802728.3/36
0.274+/-0.000 χ²/NDF: 14780717452.6/37


yield_bpm0l09Y_rms vs slug
0.0065
0.006
0.0055
0.005
0.0045
0.004
0.0035
0.003
0.0025
10
20
30
40
50
60
70
80
Right In: 0.004+/-0.000 χ²/NDF: 695729.3/17
Left Out: 0.003+/-0.000 χ²/NDF:897075.7/18
Right Out: 0.004+/-0.000 χ²/NDF: 341340.8/18
Left In: 0.003+/-0.000 χ²/NDF:1083662.3/18
0.004+/-0.000 χ²/NDF: 1935854.1/36
0.004+/-0.000 χ²/NDF: 2069014.9/37



Right In: -0.947+/-0.000 χ^2/NDF: 662253046.3/17

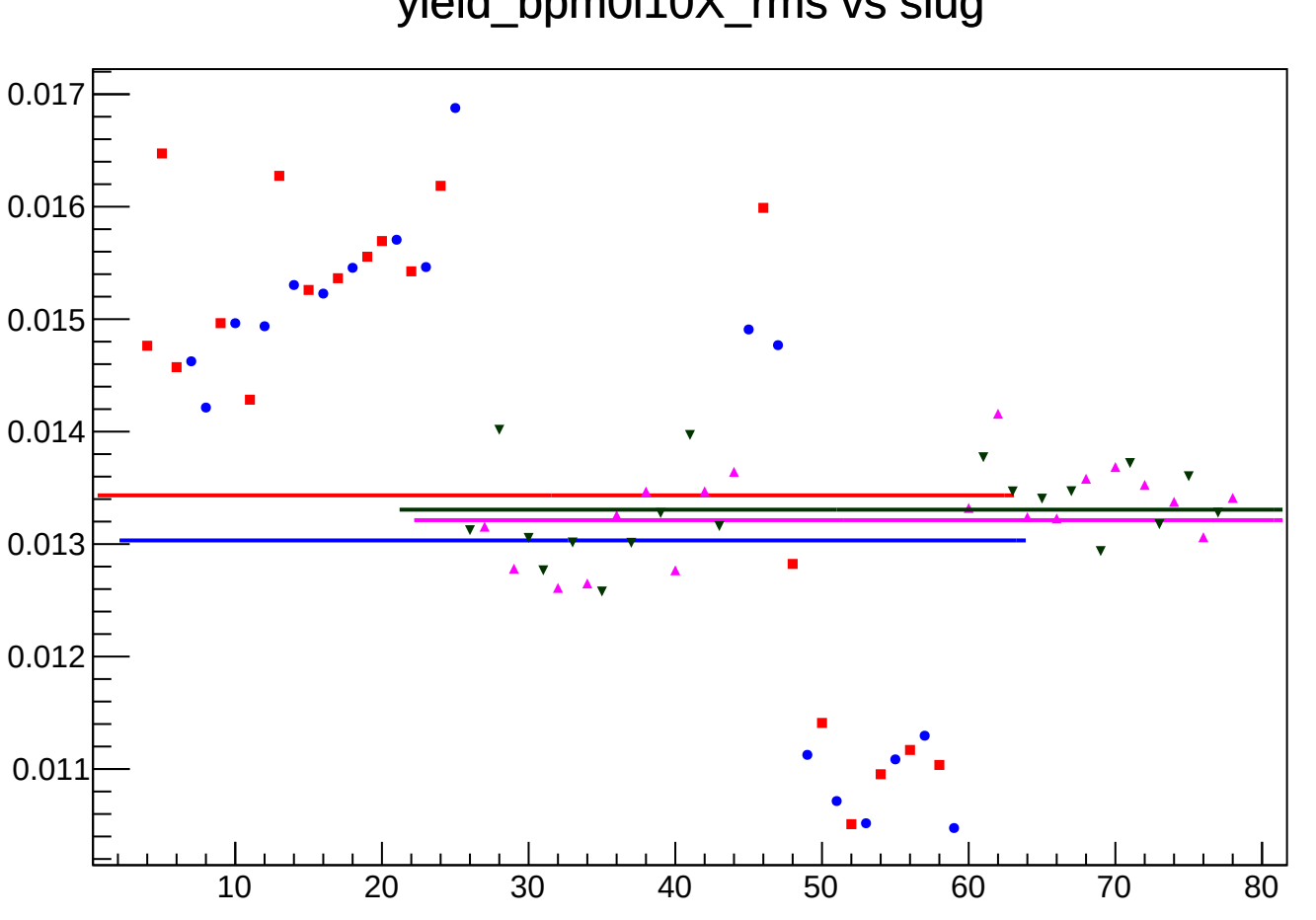
Left Out: -1.005+/-0.000 χ^2/NDF:34573275.6/18

Right Out: -0.974+/-0.000 χ^2/NDF: 174691792.1/18

Left In: -0.994+/-0.000 χ^2/NDF:77401533.6/18

-0.974+/-0.000 χ^2/NDF: 795259130.9/36

-0.984+/-0.000 χ^2/NDF: 263450502.7/37



Right In: 0.013+/-0.000 χ^2/NDF: 587832.0/17

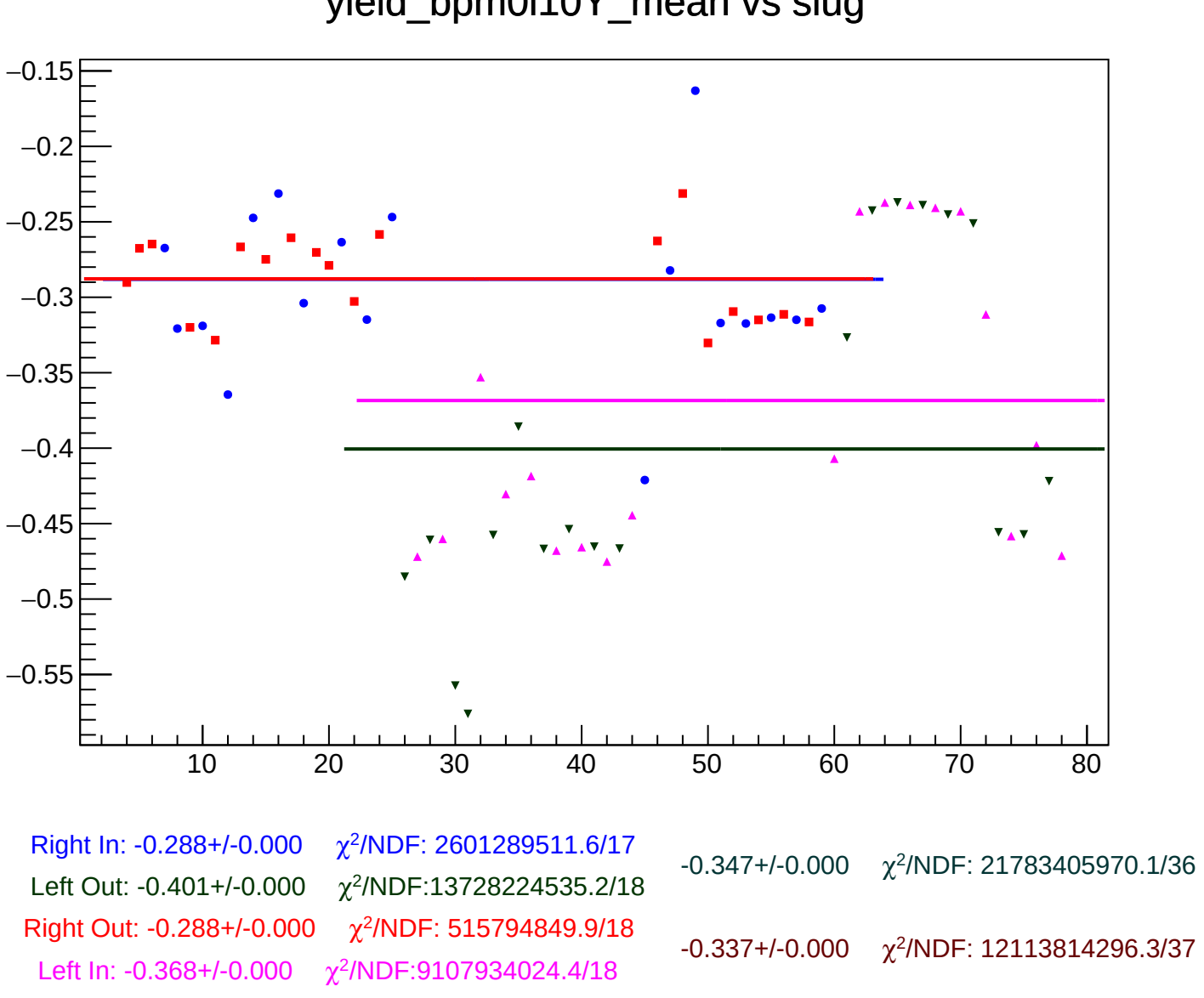
Left Out: 0.013+/-0.000 χ^2/NDF:16398.0/18

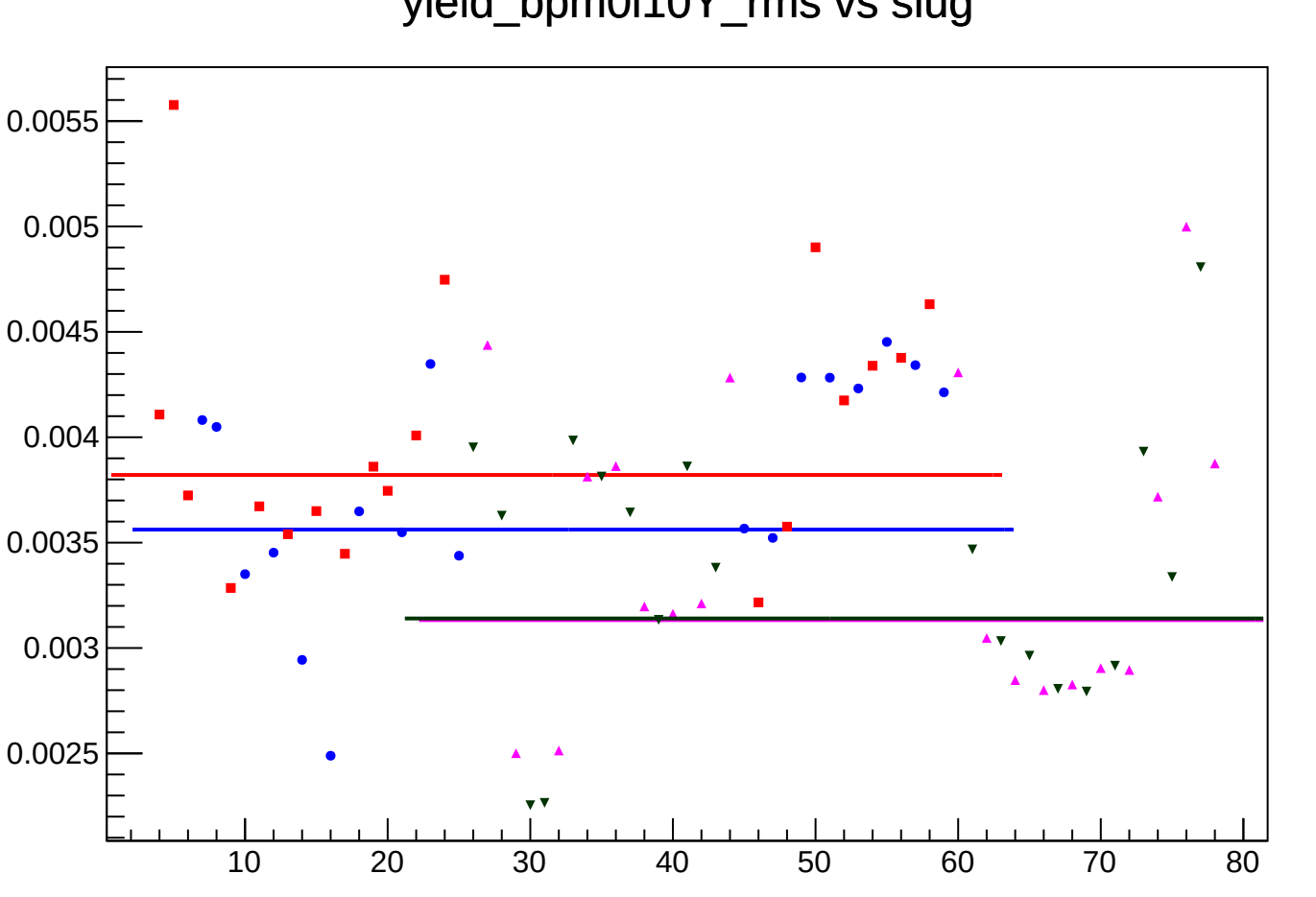
Right Out: 0.013+/-0.000 χ^2/NDF: 479245.1/18

Left In: 0.013+/-0.000 χ^2/NDF:18027.2/18

0.013+/-0.000 χ^2/NDF: 608619.6/36

0.013+/-0.000 χ^2/NDF: 499977.1/37


yield_bpm0l10Y_mean vs slug
−0.15
−0.2
−0.25
−0.3
−0.35
−0.4
−0.45
−0.5
−0.55
10
20
30
40
50
60
70
80
Right In: -0.288+/-0.000 χ²/NDF: 2601289511.6/17
Left Out: -0.401+/-0.000 χ²/NDF:13728224535.2/18
Right Out: -0.288+/-0.000 χ²/NDF: 515794849.9/18
Left In: -0.368+/-0.000 χ²/NDF:9107934024.4/18
-0.347+/-0.000 χ²/NDF: 21783405970.1/36
-0.337+/-0.000 χ²/NDF: 12113814296.3/37



Right In: 0.004+/-0.000 χ^2/NDF: 588741.6/17

Left Out: 0.003+/-0.000 χ^2/NDF:667427.6/18

Right Out: 0.004+/-0.000 χ^2/NDF: 282191.6/18

Left In: 0.003+/-0.000 χ^2/NDF:798812.3/18

0.003+/-0.000 χ^2/NDF: 1409640.1/36

0.003+/-0.000 χ^2/NDF: 1444105.7/37