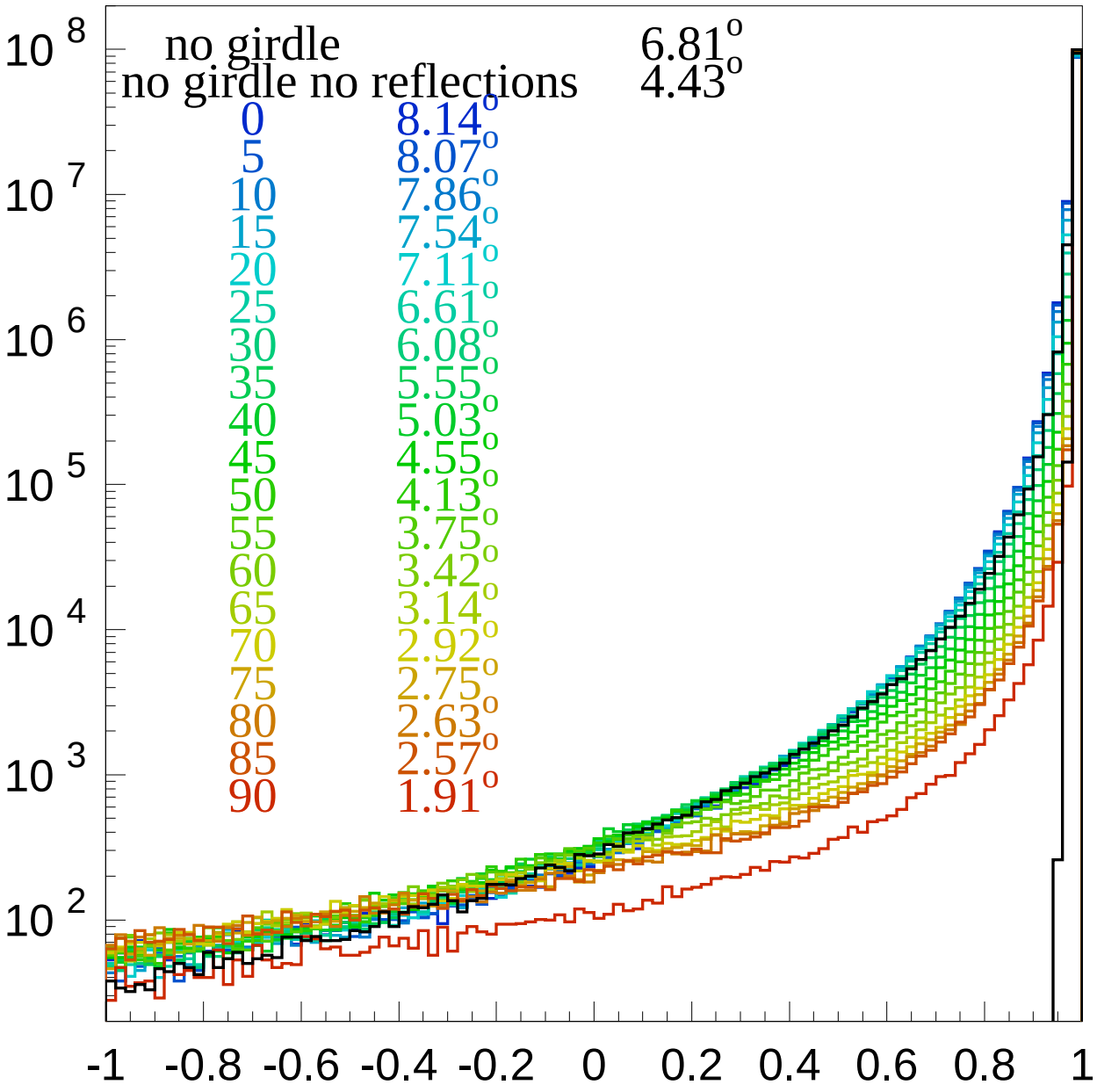

no girdle 6.81°
no girdle no reflections 4.43°
0 8.14°
5 8.07°
10 7.86°
15 7.54°
20 7.11°
25 6.61°
30 6.08°
35 5.55°
40 5.03°
45 4.55°
50 4.13°
55 3.75°
60 3.42°
65 3.14°
70 2.92°
75 2.75°
80 2.63°
85 2.57°
90 1.91°
10 8
10 7
10 6
10 5
10 4
10 3
10 2
-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1