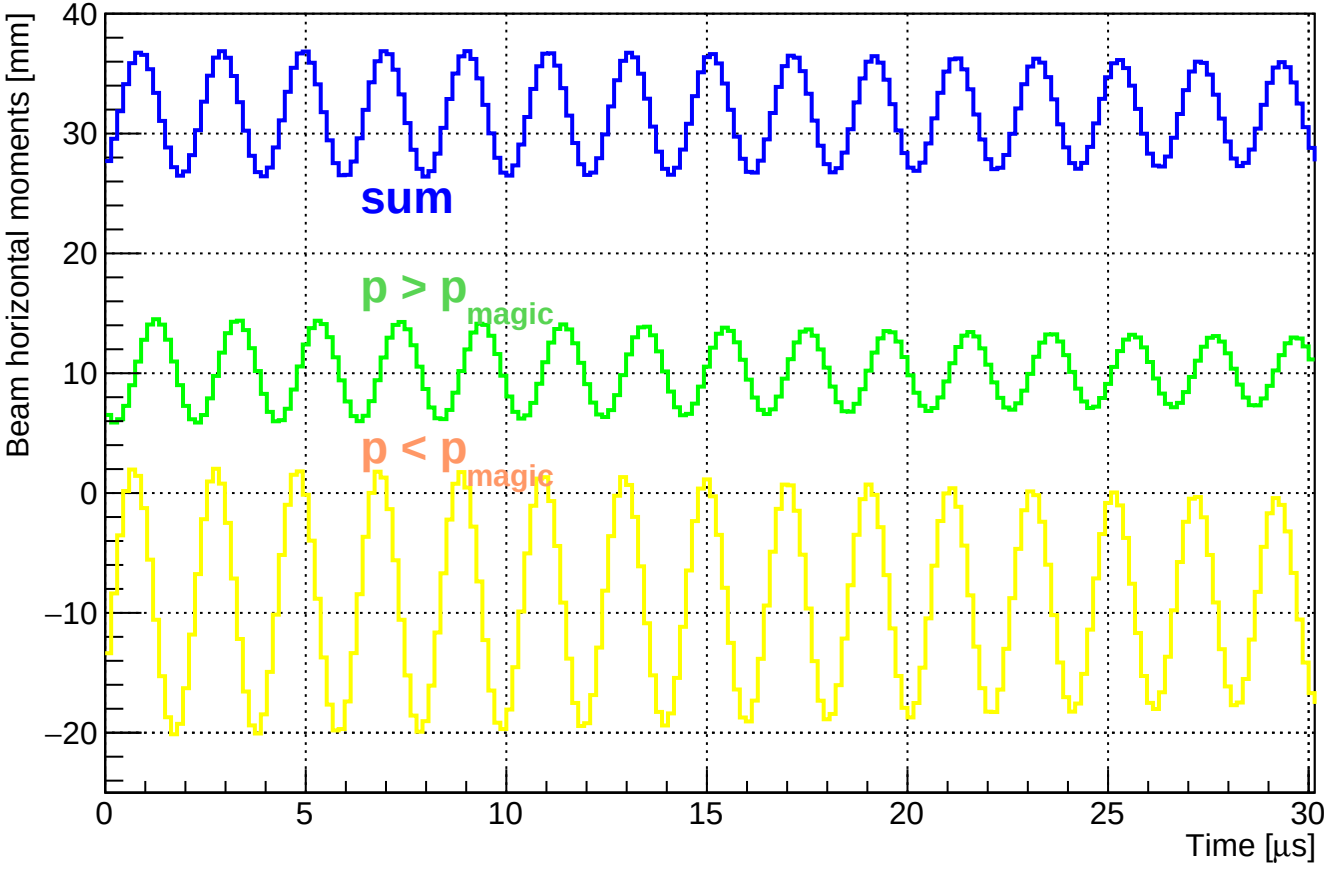

Beam horizontal moments [mm]
40
30
20
10
0
−10
−20
0
5
10
15
20
25
30
Time [μs]
sum
p > p magic
p < p magic