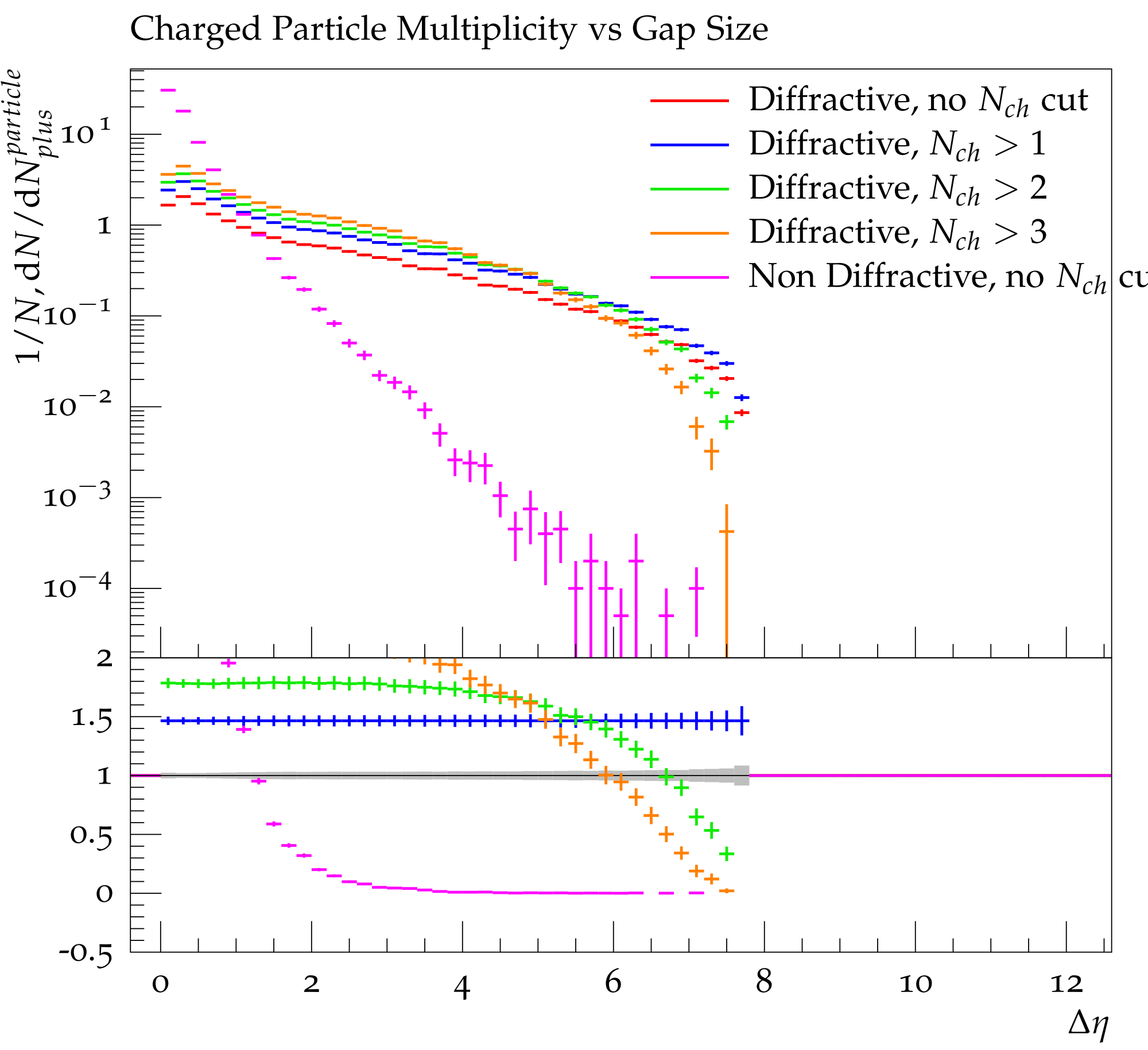
Charged Particle Multiplicity vs Gap Size
$1/N, \mathrm{d}N/\mathrm{d}N^{particle}_{plus}$
Diffractive, no N_{ch} cut
Diffractive, $N_{ch} > 1$
Diffractive, $N_{ch} > 2$
Diffractive, $N_{ch} > 3$
Non Diffractive, no N_{ch} cu
10^{1}
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
2
1.5
1
0.5
0
-0.5
0
2
4
6
8
10
12
$\Delta\eta$