Number of Charged Particles ($|\eta| < 2$)

CMS preliminary

$p+p$ - $\sqrt{s} = 14$ TeV

Pythia simulation

No. of Trig. Towers Hit

Efficiency ($\%$)

AND triggered

OR triggered

TIME, TOWER TPG E $\leq$ 1 (Comp)

p+p $\wedge$ $\sqrt{s} = 14$ TeV

$P(N_{|\eta| < 2}) \times 100$