

# pp, $\sqrt{s} = 5.02$ TeV @ ALICE

DATA : marker

INEL NSD INEL<sub>>0</sub>

PYTHIA8 Monash : solid line

PYTHIA6 Perugia 2011 : dashed line

$$\frac{1}{N_{\text{evt}}} \frac{dN_{\text{ch}}}{d\eta}$$

$$\int_{\eta=-0.5}^{\eta=0.5} \frac{1}{N_{\text{evt}}} \frac{dN_{\text{ch}}}{d\eta} d\eta$$

Measured value :  $5.57^{+0.11}_{-0.09}$  expected value :  $5.53 \pm 0.06$

Measured value :  $5.36^{+0.22}_{-0.32}$  expected value :  $5.22 \pm 0.11$

Measured value :  $4.58^{+0.09}_{-0.06}$  expected value :  $4.35 \pm 0.16$

