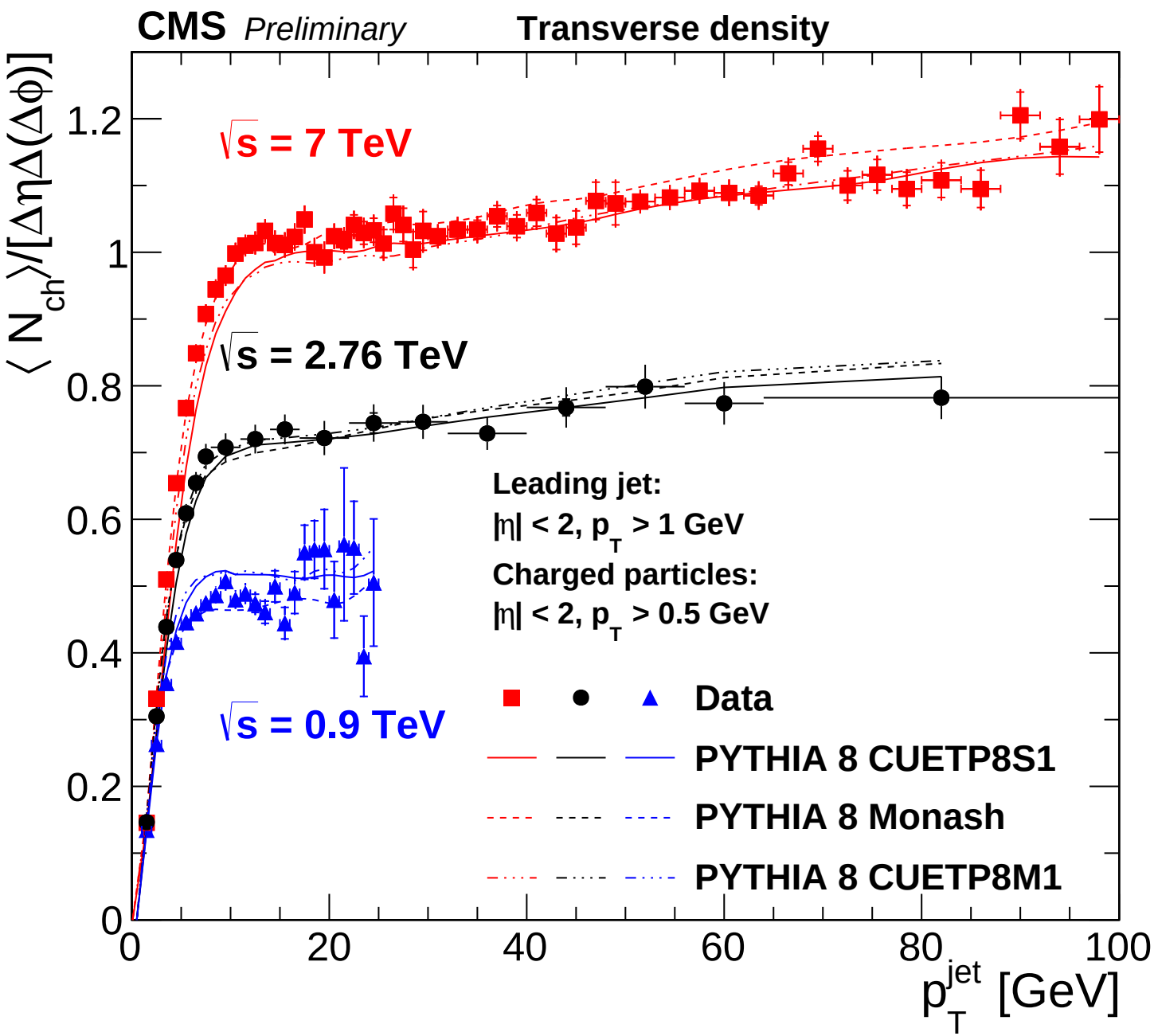
CMS Preliminary
Transverse density
$\langle N_{ch} \rangle / [\Delta\eta\Delta(\Delta\phi)]$
$\sqrt{s}$ = 7 TeV
$\sqrt{s}$ = 2.76 TeV
$\sqrt{s}$ = 0.9 TeV
Leading jet:
$|\eta| < 2$, $p_T > 1$ GeV
Charged particles:
$|\eta| < 2$, $p_T > 0.5$ GeV
Data
PYTHIA 8 CUETP8S1
PYTHIA 8 Monash
PYTHIA 8 CUETP8M1
p_T^{jet} [GeV]
0
0.2
0.4
0.6
0.8
1
1.2
0
20
40
60
80
100