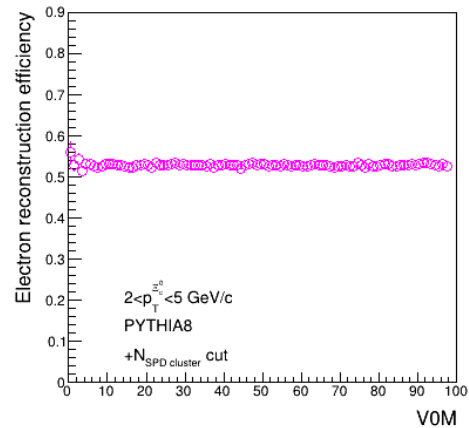
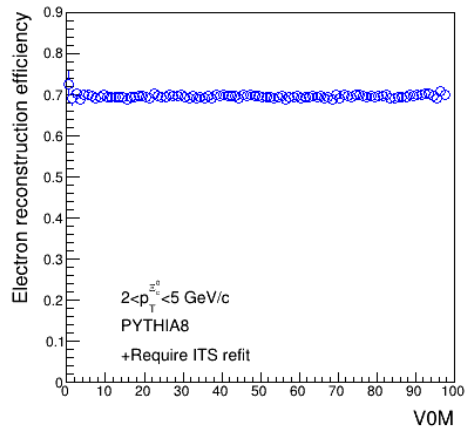
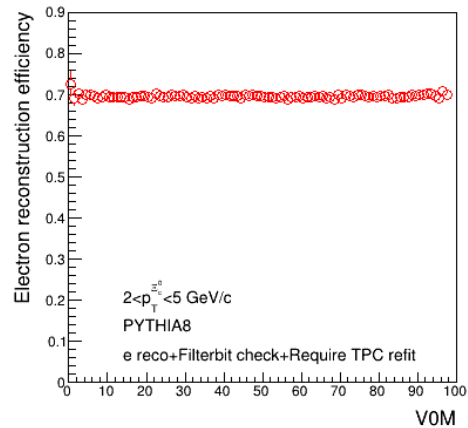
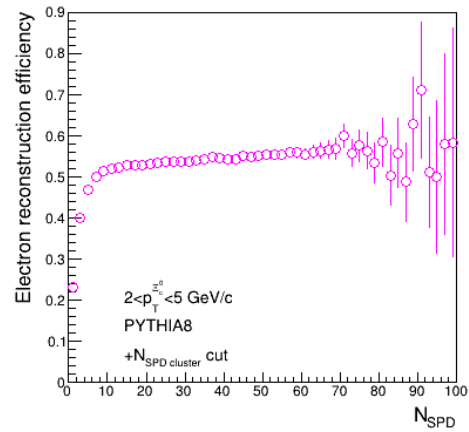
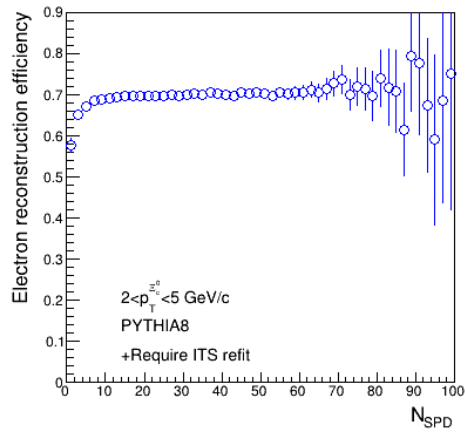
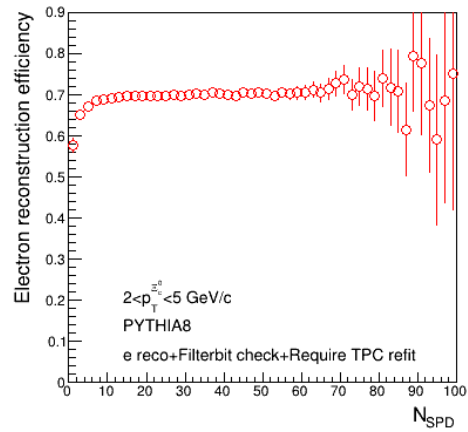
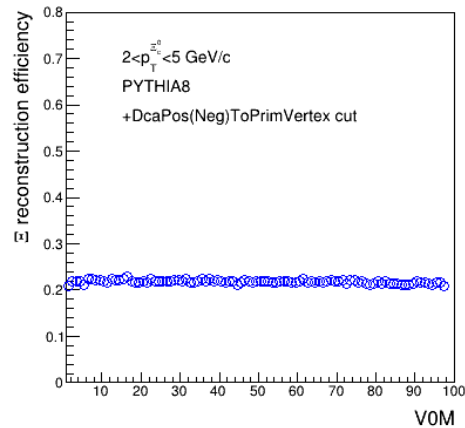
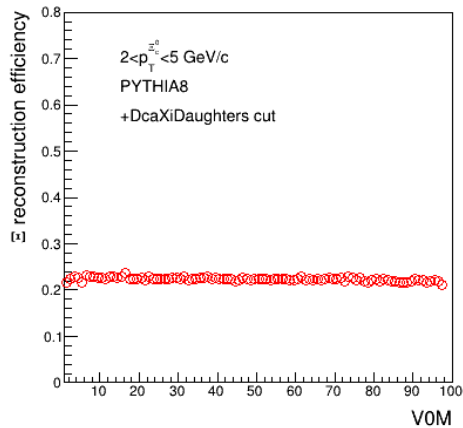
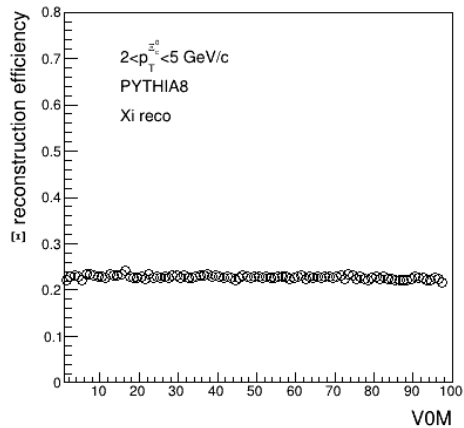
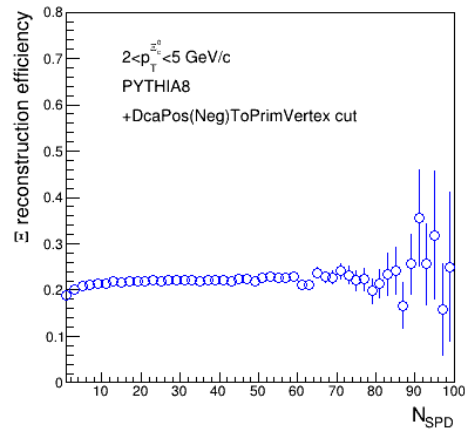
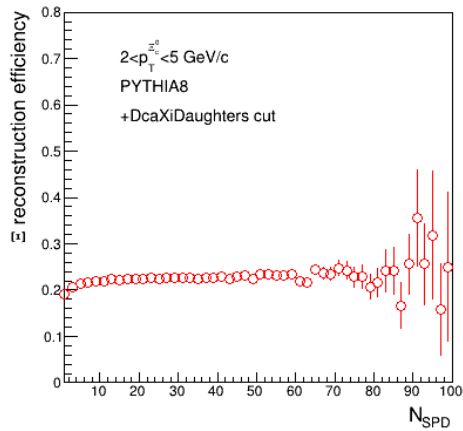
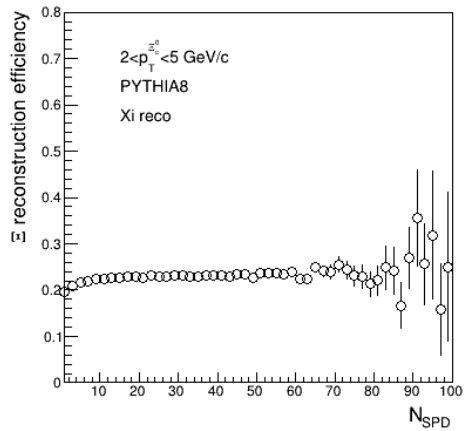


# Electron efficiency

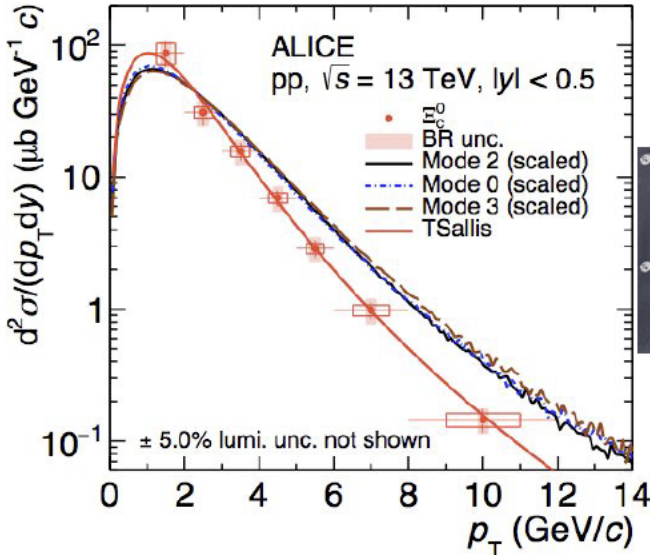




Similar comment from IRC of 13 TeV paper -- here we check as well

# New checks using TSallis and Monash -- 13 TeV

Caveat: this is still PY6 old WDF - it will be redone



Tsallis function implemented and indeed fits quite well the data. First bin we know seems a bit affected by fluctuation. - should get better with efficiency from PY8

- Integrated cross section in  $p_T > 0$  GeV/c (with Mode2, Mode0, Mode3)  
 $189.2 \pm 26.2(\text{stat.}) \pm 47.3(\text{syst.})^{+3.3}_{-3.1}(\text{extrap.}) \mu\text{b}$
- Integrated cross section in  $p_T > 0$  GeV/c (with Mode2, Mode0, Mode3, TSallis)  
 $189.2 \pm 26.2(\text{stat.}) \pm 47.3(\text{syst.})^{+16.5}_{-3.1}(\text{extrap.}) \mu\text{b}$

Scaled Mode 2 used as default