

Relative uncertainty

**pp,  $\sqrt{s} = 8.2$  TeV**

**$4.0 < \eta < 5.0$**

— Statistical

Systematic (PYTHIA)

Systematic (JETPHOX)

0.8

0.6

**$L = 11 \text{ pb}^{-1}$**

**Rej. Factor=0.03**

**Gam Eff.=0.4**

**Frag/Prompt=1.5**

**ALICE simulation  
FoCal Upgrade**

**Eff. err.=0.05**

**Decay err.=0.05**

**Frag. err.=0.2**

10

20

30

40

**$p_T$  (GeV/c)**

