

CMS, $L = 2.14\text{fb}^{-1}$ $\sqrt{s} = 7\text{ TeV}$

b)

Purity

$1.57 < |\eta^\gamma| < 2.1$

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0

\circ $0 < |\eta^{\text{jet}}| < 1.5$

\bullet $1.5 < |\eta^{\text{jet}}| < 2.5$

50

100

150

200

250

300

p_T^γ (GeV)

