

b-jets with 8 associated tracks
passing a threshold corresponding
to a 70% *b*-tagging efficiency

nSCTHits

ATLAS Internal Simulation

nPixHits $\sqrt{s} = 13 \text{ TeV}, t\bar{t}$

shared SCT hits

split pixel hits

shared pixel hits

split IBL hits

shared IBL hits

IBL hits

PIX1 hits

$\log \Delta R$

$\log p_T^{frac}$

s_{z0}

s_{d0}

1

2

3

4

5

6

7

8

Tracks sorted by s_{d0}

0.6

0.4

0.2

0.0

-0.2

-0.4

-0.6

