

*b*-jets with 8 associated tracks  
failing a threshold corresponding  
to a 85% *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  $s_{d0}$

0.3

0.2

0.1

0.0

-0.1

-0.2

-0.3

