

Arbitrary units

ATLAS Internal Simulation

$\sqrt{s} = 8$ TeV

Single lepton

≥ 6 j, ≥ 4 b

— Total background

⋯ $t\bar{t}H$ ($m_H = 125$ GeV)

0.3

0.2

0.1

0

20

30

40

50

60

70

80

90

100

p_T^{jet5} [GeV]

