

Arbitrary units

# **ATLAS** Internal Simulation

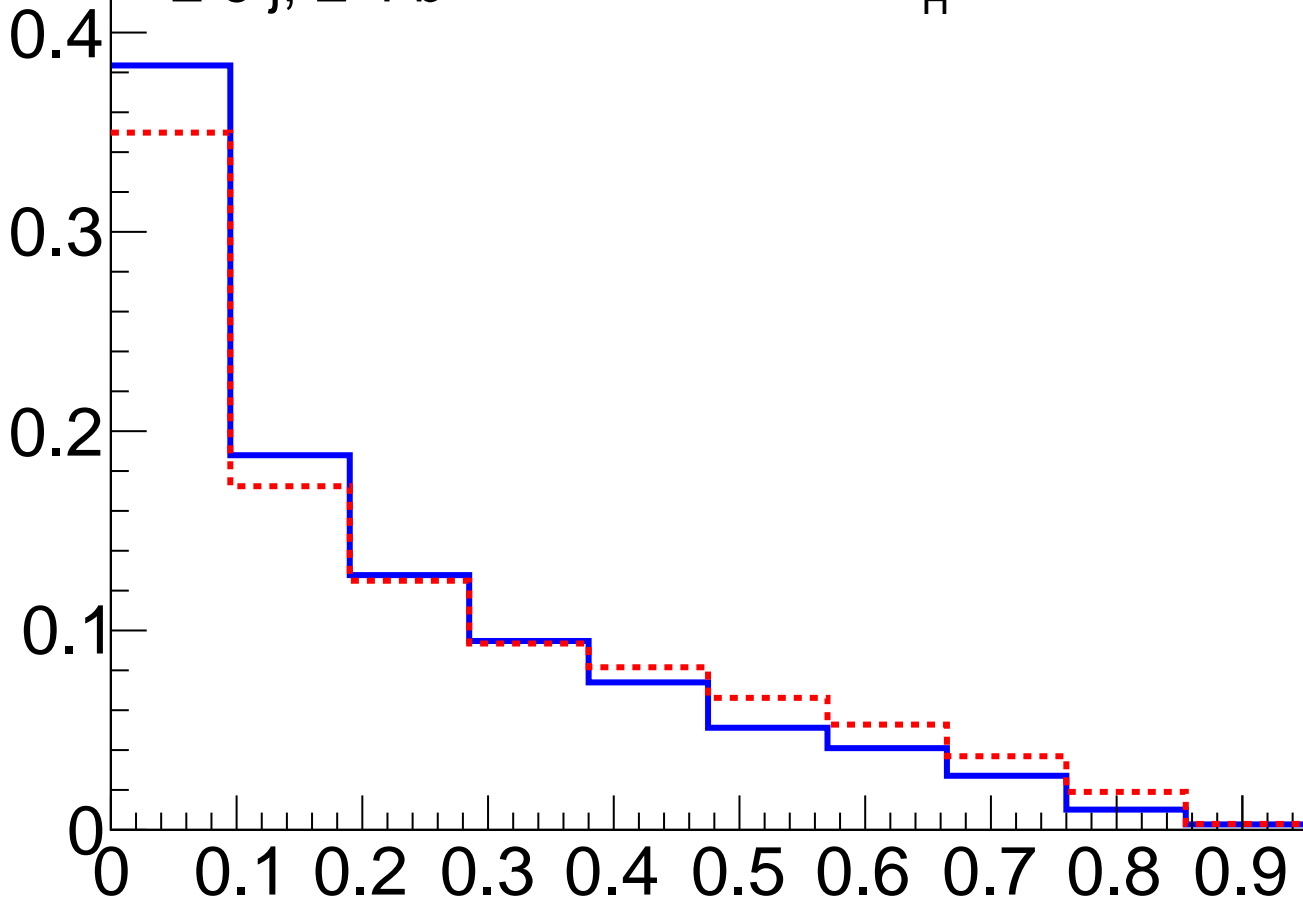
$\sqrt{s} = 8$  TeV

**Single lepton**

$\geq 6$  j,  $\geq 4$  b

— Total background

⋯  $t\bar{t}H$  ( $m_H = 125$  GeV)



H1