

ATLAS Simulation Internal

mH FourPlusTags

120

100

80

60

40

20

--- $H^+ \rightarrow hW^+$ ($m_{H^+}=400\text{GeV}$) x5

--- $H^+ \rightarrow hW^+$ ($m_{H^+}=800\text{GeV}$) x5

--- $H^+ \rightarrow hW^+$ ($m_{H^+}=1600\text{GeV}$) x5

 $t\bar{t}$

 other backgrounds

60

80

100

120

140

160

180

200

Higgs Mass [GeV]

