Selection: pt > 250 GeV, |eta|<2.0, G*->HH->bbbb

$1/\epsilon_{background}$

Higgs tagging, ϵ_{signal}

ATLAS Work In Progress

Calorimeter D2, β=1.7, 17.7

TAS D2, β=1.7, 18.7

track D2, β=1.7, 17.9

500 GeV < p_T <= 800 GeV

92 GeV <= m <= 150 GeV