

Selection: $p_T > 250 \text{ GeV}$, $|\eta| < 2.0$

ATLAS Work In Progress

entries

0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

— $G^* \rightarrow HH \rightarrow bbbb$ Signal
— Dijet Background
 $1600 \text{ GeV} < p_T \leq 2000 \text{ GeV}$
 $91 \text{ GeV} \leq m \leq 170 \text{ GeV}$

0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04

Calorimeter C2, $\beta=3$

