

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

entries

ATLAS Work In Progress

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

0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4

Calorimeter C2, $\beta=1$

