

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

ATLAS Work In Progress

entries

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0

5

10

15

20

25

30

— $G^* \rightarrow HH \rightarrow bbbb$ Signal

— Dijet Background

$p_T > 2000 \text{ GeV}$

$55 \text{ GeV} \leq m \leq 216 \text{ GeV}$

Calorimeter D2, $\beta=3$

