

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

ATLAS Work In Progress

entries

0.16

0.14

0.12

0.1

0.08

0.06

0.04

0.02

0

0.05

0.1

0.15

0.2

0.25

0.3

0.35

0.4

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

— Dijet Background

$p_T > 2000 \text{ GeV}$

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

Track C2, $\beta=1$

