

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

entries

ATLAS Work In Progress

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

— Dijet Background

$1600 \text{ GeV} < p_T \leq 2000 \text{ GeV}$

$91 \text{ GeV} \leq m \leq 170 \text{ GeV}$

0.1

0.08

0.06

0.04

0.02

0

1

2

3

4

5

6

7

8

9

10

Track D2, $\beta=1$

