

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

entries

ATLAS Work In Progress

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

— Dijet Background

$p_T < 500 \text{ GeV}$

$54 \text{ GeV} \leq m \leq 167 \text{ GeV}$

0.1

0.08

0.06

0.04

0.02

0

0.05

0.1

0.15

0.2

0.25

0.3

Calorimeter τ_{21} , $\beta=3$

