

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

ATLAS Work In Progress

entries

0.03

0.025

0.02

0.015

0.01

0.005

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

$p_T < 500$ GeV

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

TAS C2, $\beta=1$

