

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

ATLAS Work In Progress

entries

0.08

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0

0.05

0.1

0.15

0.2

0.25

0.3

0.35

0.4

0.45

0.5

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

— Dijet Background

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

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

TAS τ_{21} , $\beta=3$

