

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

entries

ATLAS Work In Progress

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

— Dijet Background

$p_T > 2000 \text{ GeV}$

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

0.12

0.1

0.08

0.06

0.04

0.02

0

0.005

0.01

0.015

0.02

0.025

0.03

0.035

0.04

Calorimeter C2, $\beta=3$

