

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

entries

**ATLAS** Work In Progress

—  $G^* \rightarrow HH \rightarrow bbbb$  Signal  
— Dijet Background  
 $500 \text{ GeV} < p_T \leq 800 \text{ GeV}$   
 $92 \text{ GeV} \leq m \leq 150 \text{ GeV}$

0.05

0.04

0.03

0.02

0.01

0

0.005

0.01

0.015

0.02

0.025

0.03

0.035

0.04

Calorimeter C2,  $\beta=3$

