

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

entries

**ATLAS** Work In Progress

—  $G^* \rightarrow HH \rightarrow bbbb$  Signal  
— Dijet Background  
 $800 \text{ GeV} < p_T \leq 1200 \text{ GeV}$   
 $98 \text{ GeV} \leq m \leq 143 \text{ GeV}$

0.06

0.05

0.04

0.03

0.02

0.01

0

0.5

1

1.5

2

2.5

3

3.5

4

TAS D2,  $\beta=2$

