

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

entries

**ATLAS** Work In Progress

—  $G^* \rightarrow HH \rightarrow bbbb$  Signal  
— Dijet Background  
 $1600 \text{ GeV} < p_T \leq 2000 \text{ GeV}$   
 $91 \text{ GeV} \leq m \leq 170 \text{ GeV}$

0.08  
0.07  
0.06  
0.05  
0.04  
0.03  
0.02  
0.01

0 2 4 6 8 10 12 14 16 18 20

Calorimeter D2,  $\beta=2$

