

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

entries

**ATLAS** Work In Progress

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

0.09  
0.08  
0.07  
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 4.5 5

TAS D2,  $\beta=0.5$

