

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

entries

**ATLAS** Work In Progress

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

0.1

0.08

0.06

0.04

0.02

0

0.2

0.4

0.6

0.8

1

Track  $\tau_{21}$ ,  $\beta=1.7$

