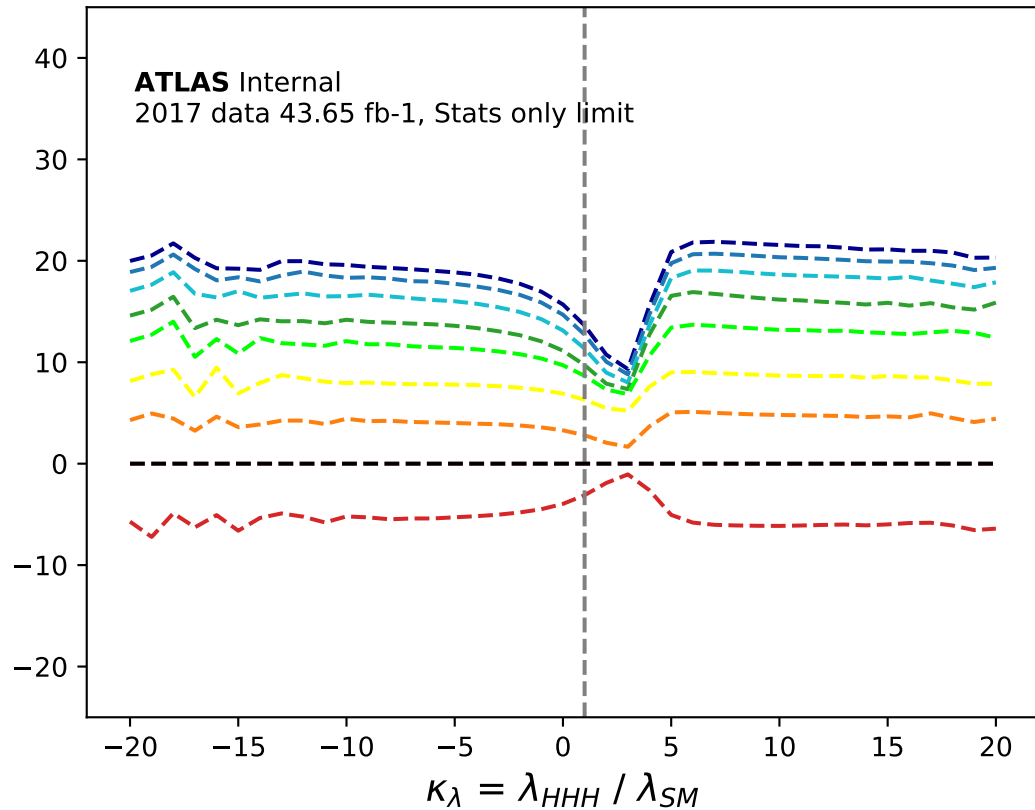


% improvement from  
 $X_{wt} \geq 1.5$  cut

**ATLAS** Internal  
2017 data 43.65 fb-1, Stats only limit



- Low  $p_T$  cat ( $X_{wt} \geq 0.1$ )
- Low  $p_T$  cat ( $X_{wt} \geq 0.3$ )
- Low  $p_T$  cat ( $X_{wt} \geq 0.5$ )
- Low  $p_T$  cat ( $X_{wt} \geq 0.7$ )
- Low  $p_T$  cat ( $X_{wt} \geq 0.9$ )
- Low  $p_T$  cat ( $X_{wt} \geq 1.1$ )
- Low  $p_T$  cat ( $X_{wt} \geq 1.3$ )
- Low  $p_T$  cat ( $X_{wt} \geq 1.5$ )
- Low  $p_T$  cat ( $X_{wt} \geq 1.7$ )