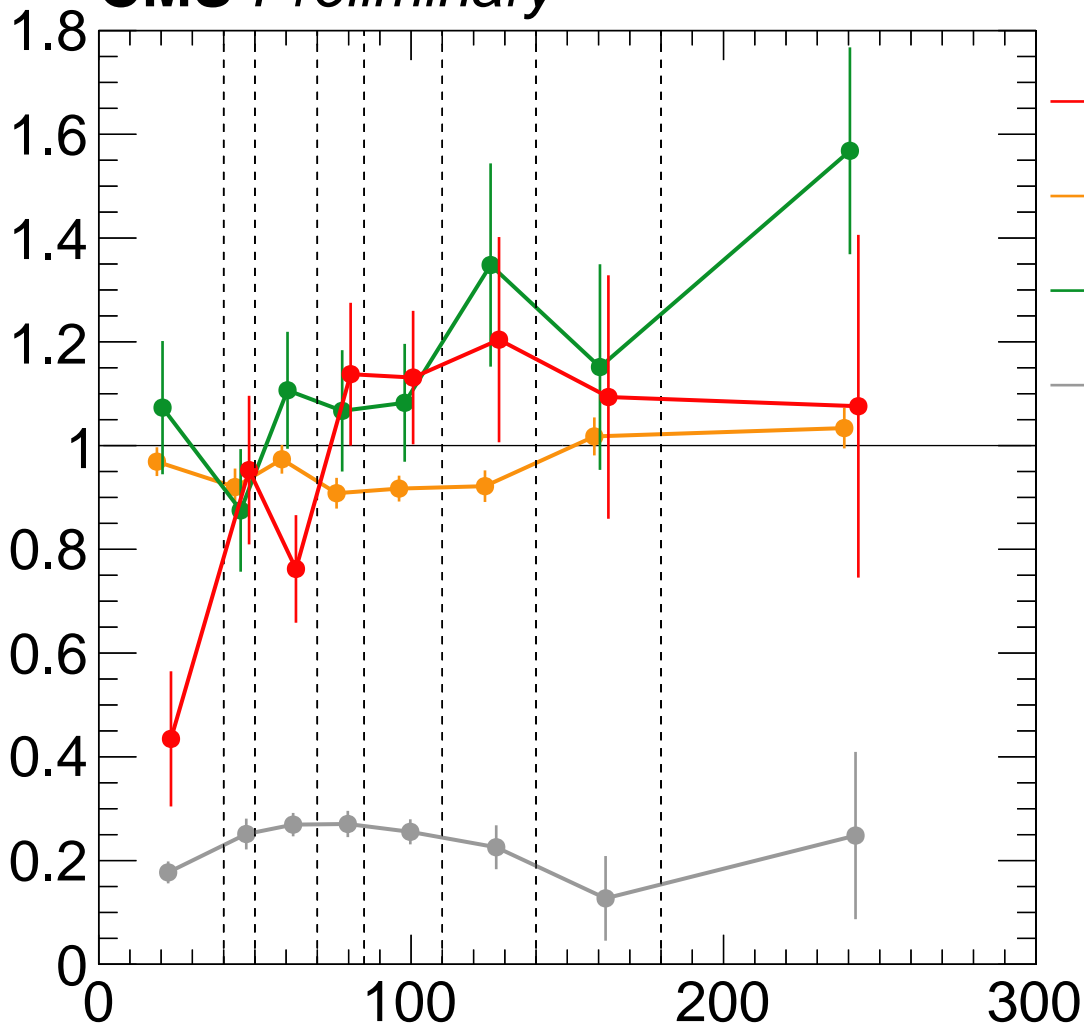


**CMS Preliminary**

Scale factor



$t$ -channel  
Top bkg.  
W/Z+jets  
Multijet

top quark  $p_T$  (GeV)