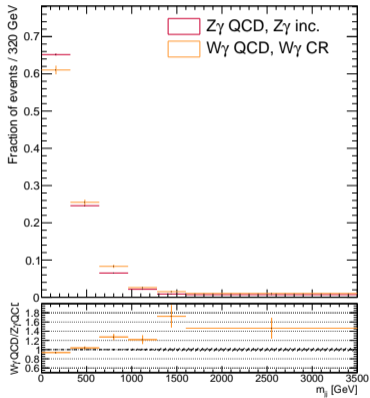
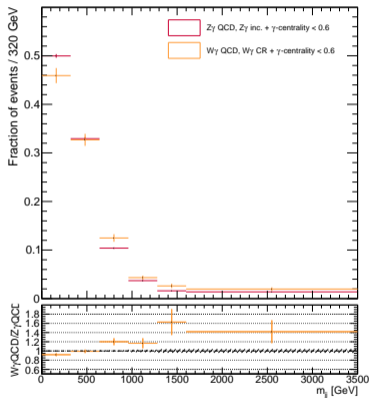
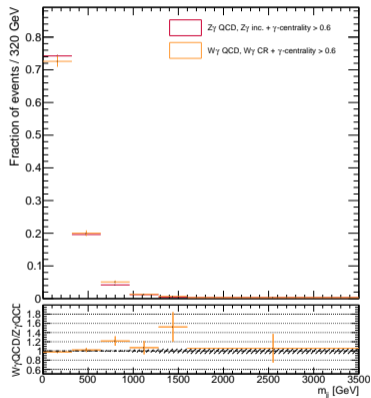
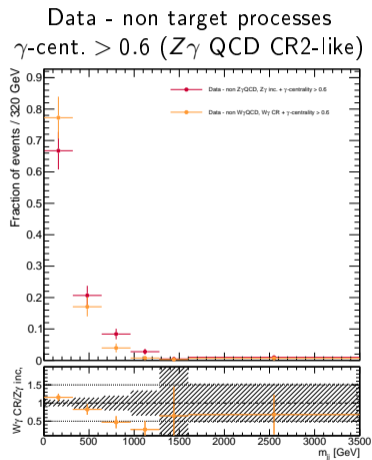
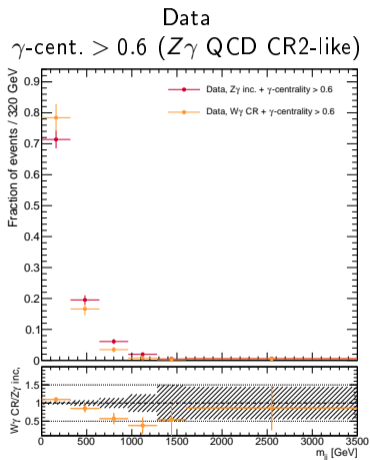
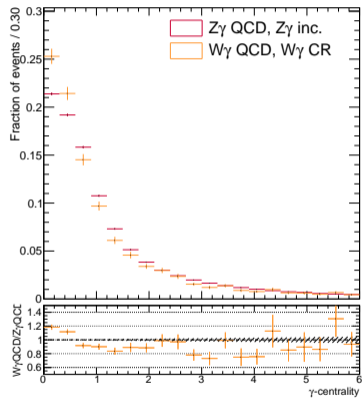


No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)



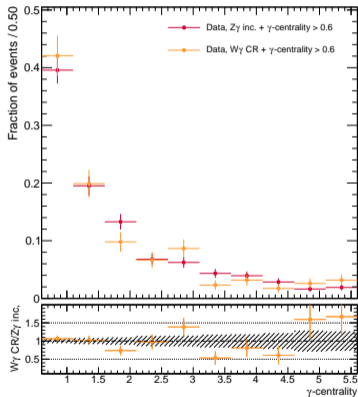
# $\gamma$ -centrality

No  $\gamma$ -cent. cut

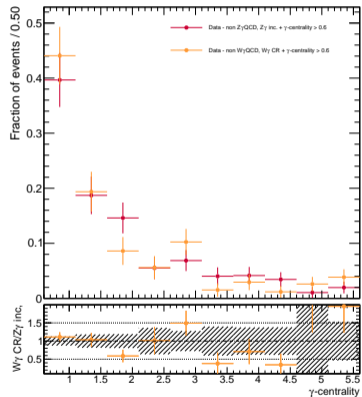


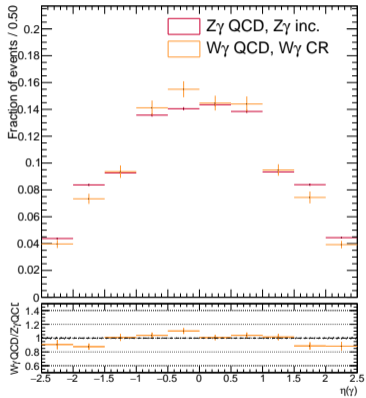
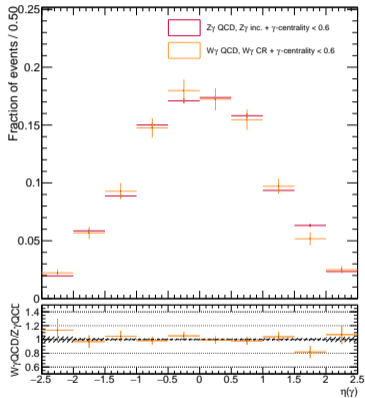
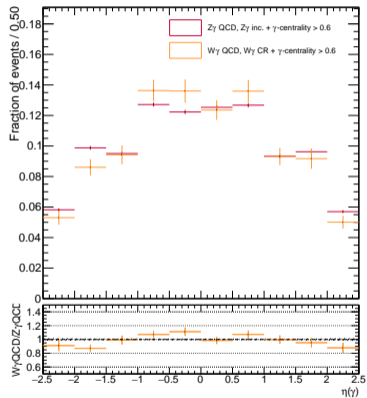
# $\gamma$ -centrality

Data  
 $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)



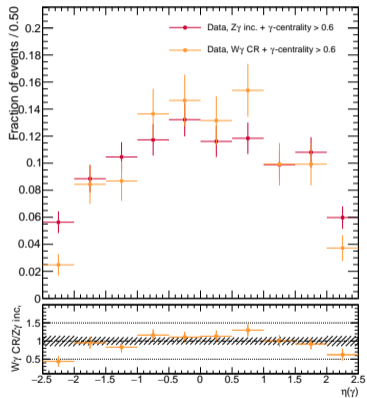
Data - non target processes  
 $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)



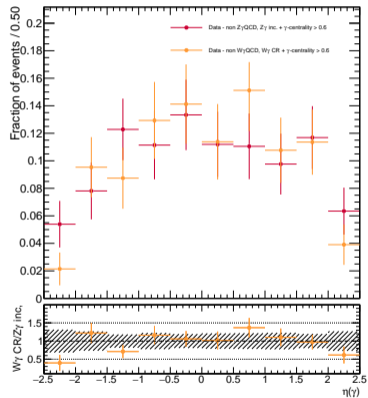
$\eta(\gamma)$ No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)

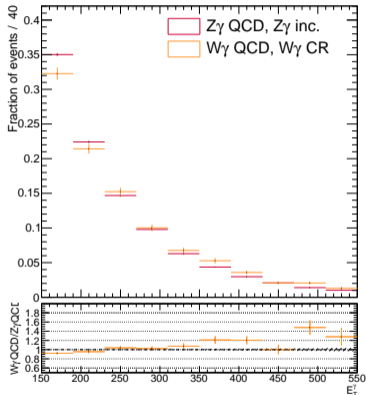
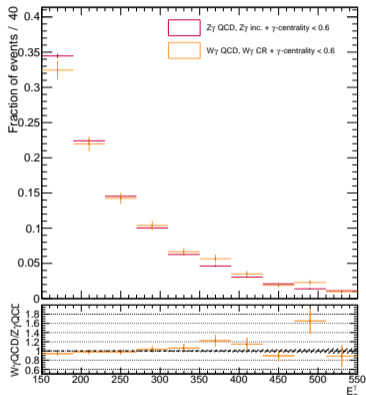
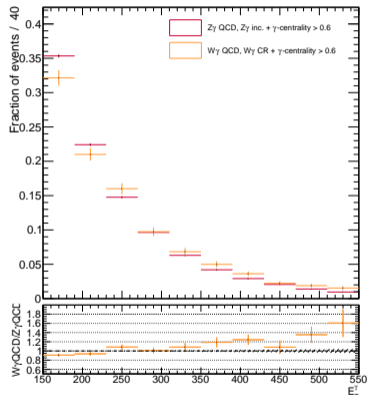
$$\eta(\gamma)$$

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

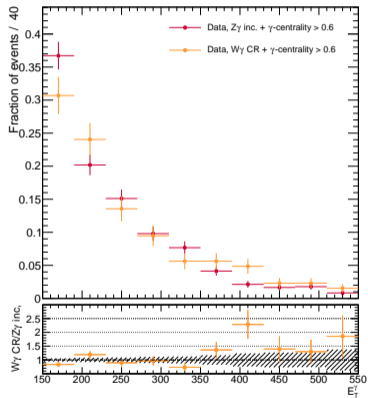


Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

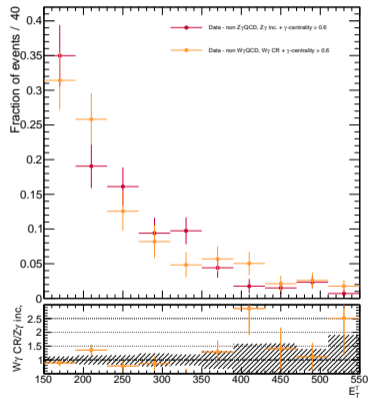


No  $\gamma$ -cent. cut $\gamma$ -cent.  $< 0.6$  (SR-like) $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

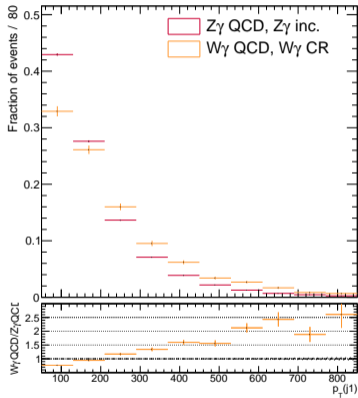
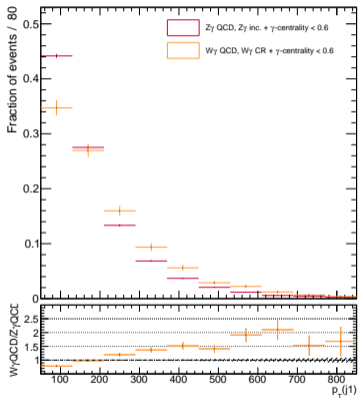
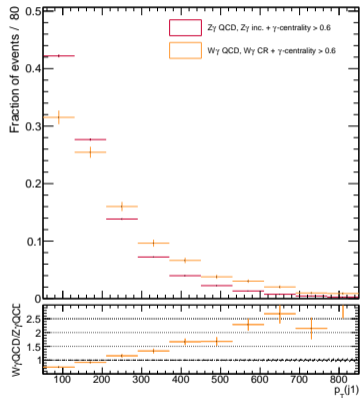
Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

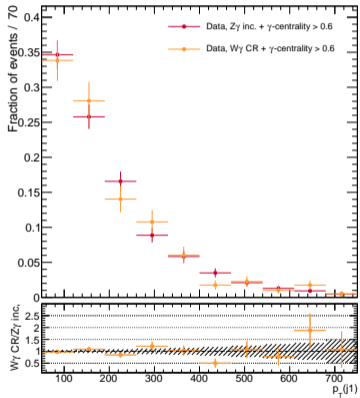




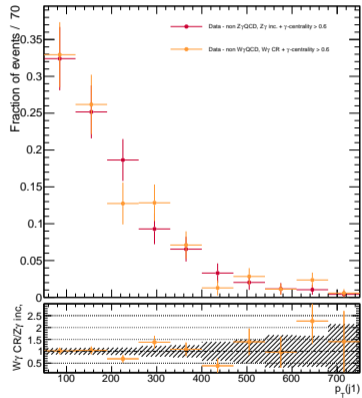
$p_T(j_1)$ No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z_\gamma$  QCD CR2-like)

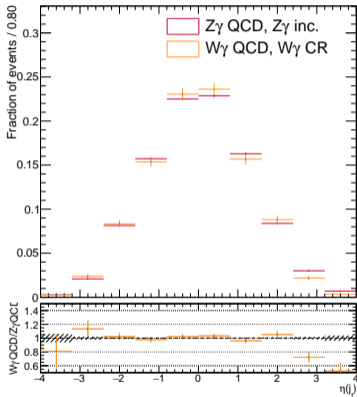
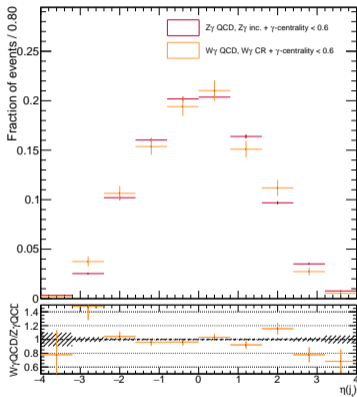
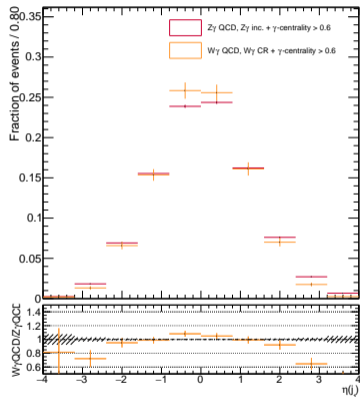
$$p_T(j_1)$$

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



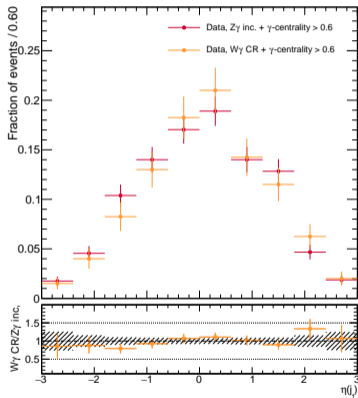
Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



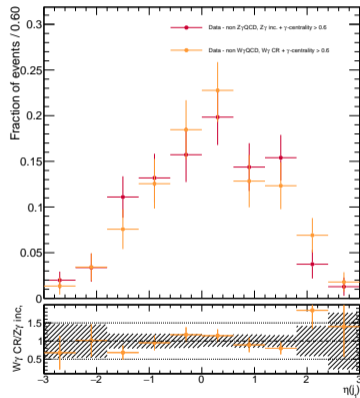
$\eta(j_1)$ No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)

$\eta(j_1)$ 

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

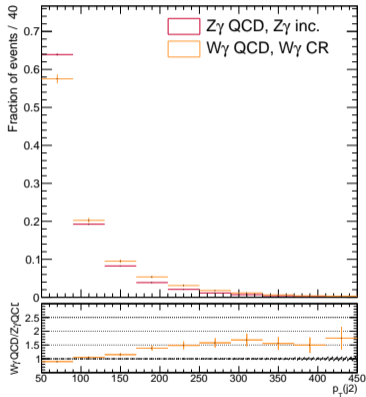


Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

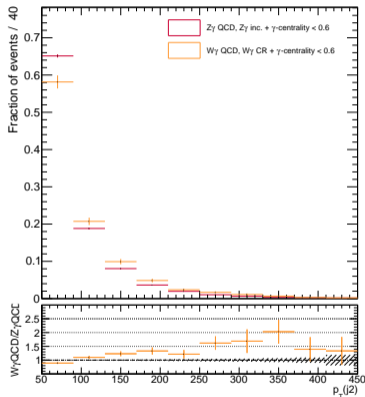


$p_T(j_2)$

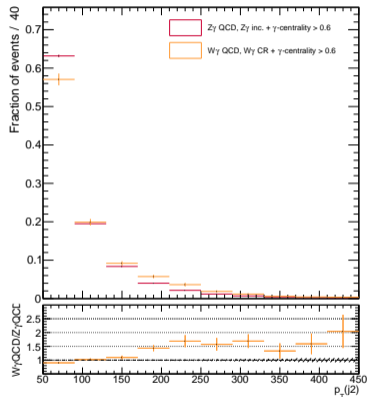
No  $\gamma$ -cent. cut

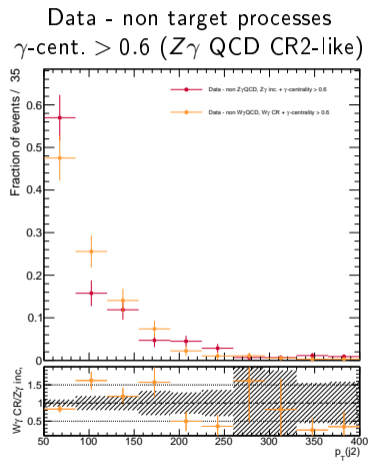
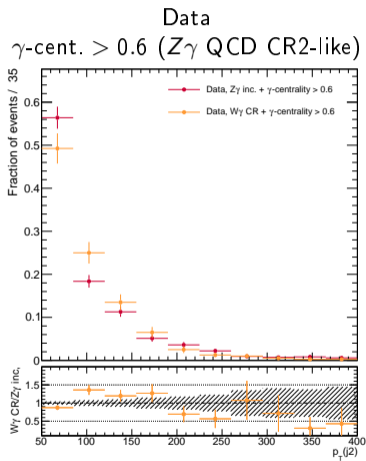


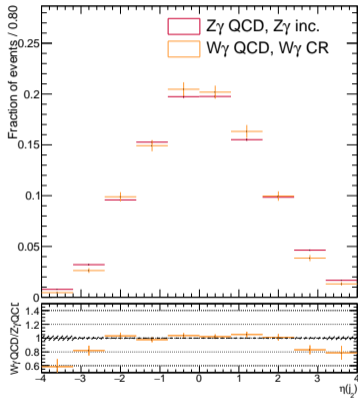
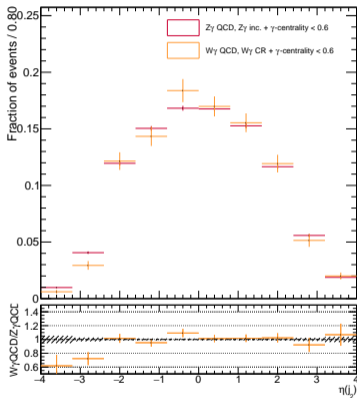
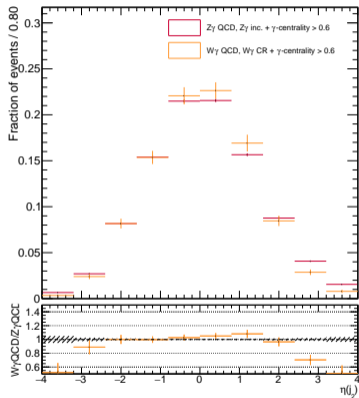
$\gamma$ -cent.  $< 0.6$  (SR-like)



$\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

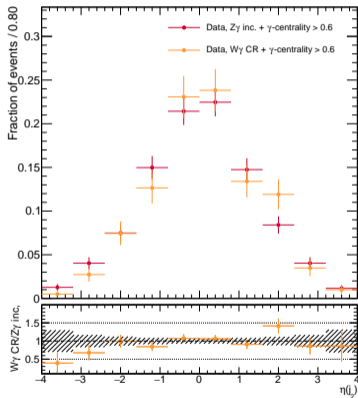


$p_T(j_2)$ 

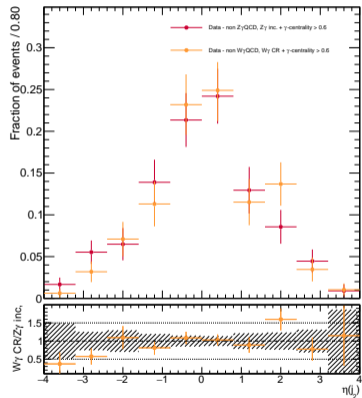
$\eta(j_2)$ No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)

$$\eta(j_2)$$

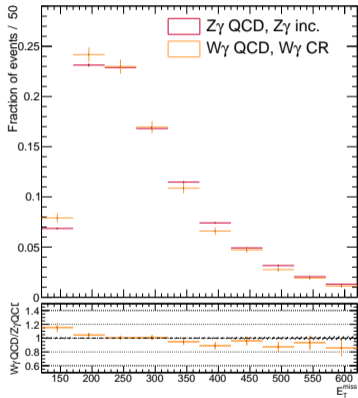
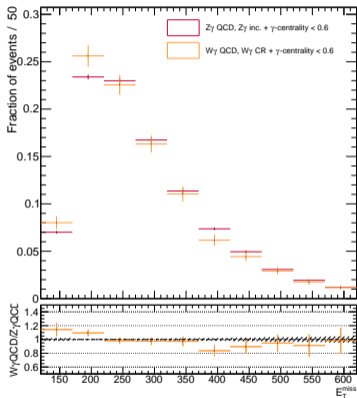
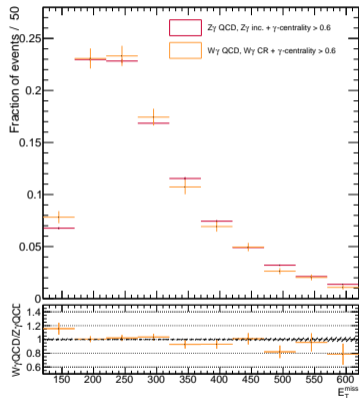
Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



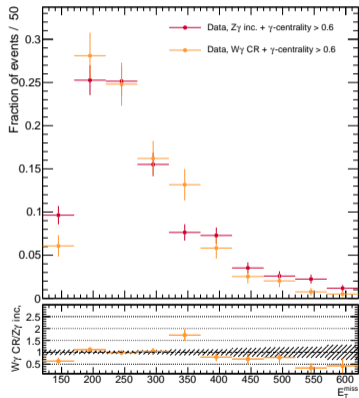
Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



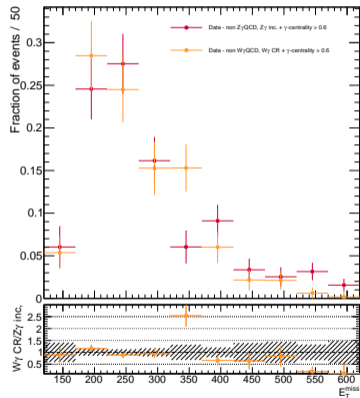


No  $\gamma$ -cent. cut $\gamma$ -cent.  $< 0.6$  (SR-like) $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

Data  
 $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

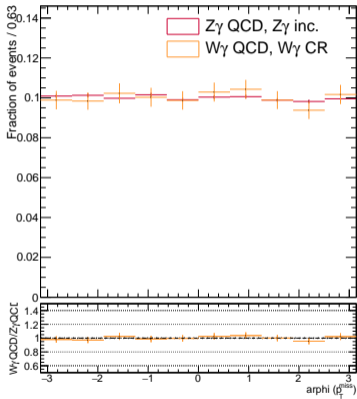


Data - non target processes  
 $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

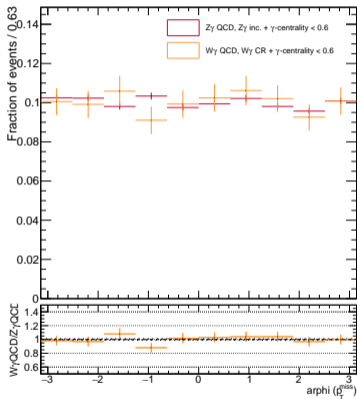


$$\varphi(\vec{p}_T^{\text{miss}})$$

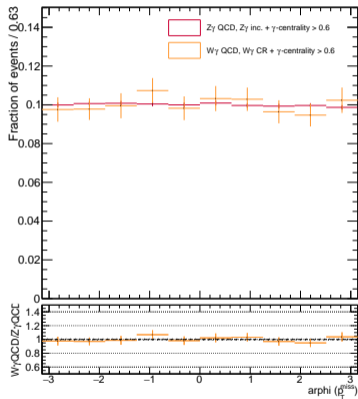
No  $\gamma$ -cent. cut



$\gamma$ -cent. < 0.6 (SR-like)

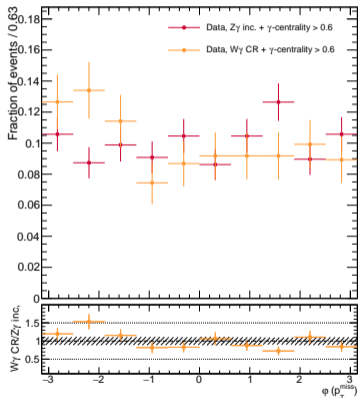


$\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)

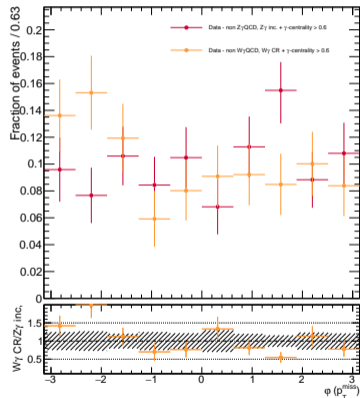


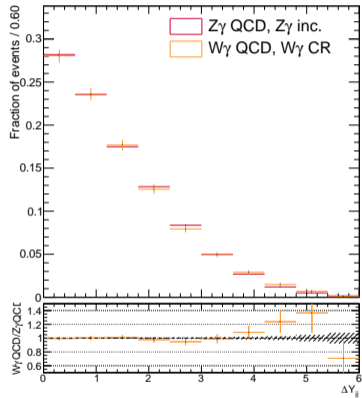
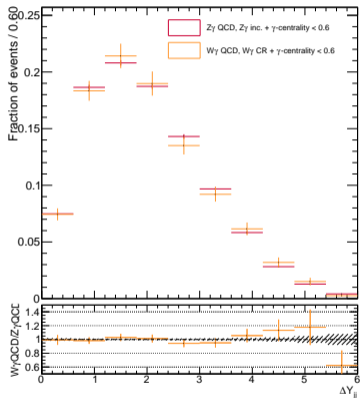
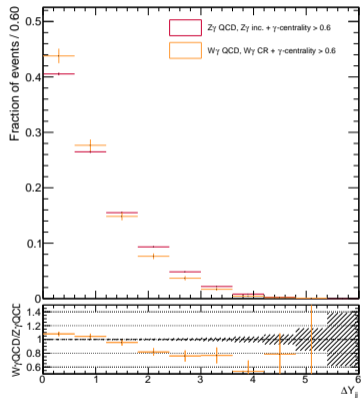
$$\varphi(\vec{p}_T^{\text{miss}})$$

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

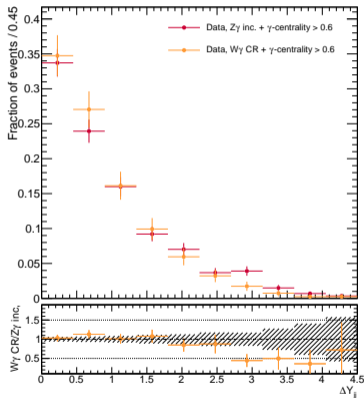


Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

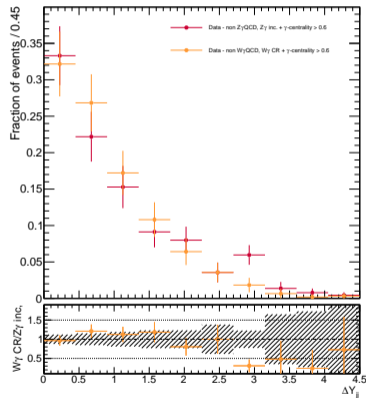


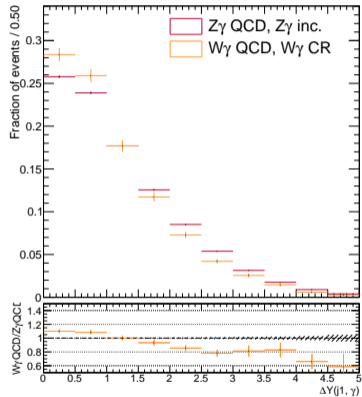
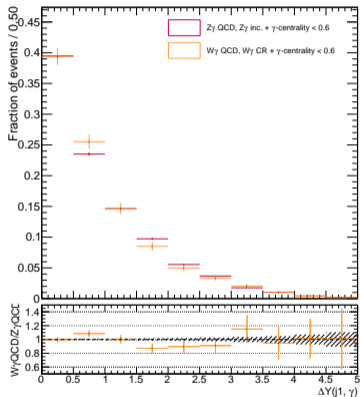
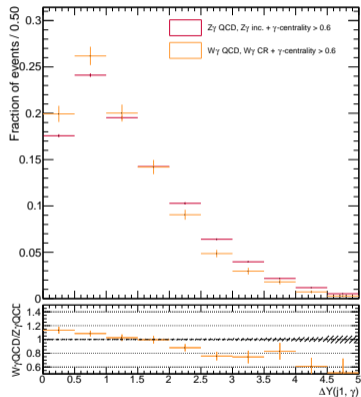
No  $\gamma$ -cent. cut $\gamma$ -cent.  $< 0.6$  (SR-like) $\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

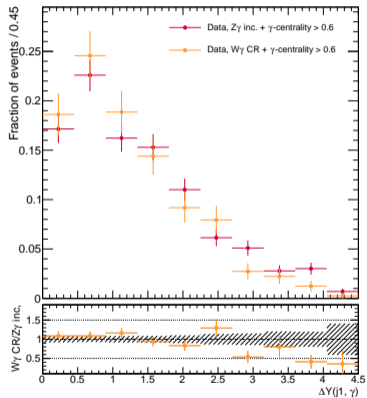


Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)

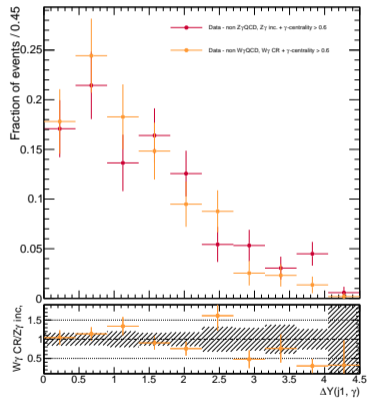


No  $\gamma$ -cent. cut $\gamma$ -cent. < 0.6 (SR-like) $\gamma$ -cent. > 0.6 ( $Z_\gamma$  QCD CR2-like)

Data  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



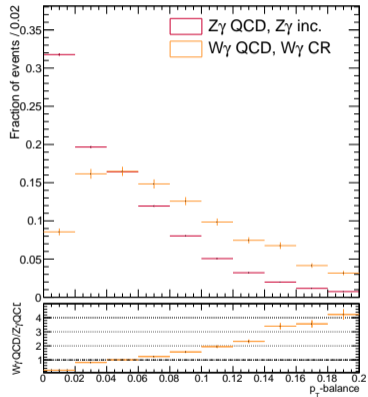
Data - non target processes  
 $\gamma$ -cent. > 0.6 (Z $\gamma$  QCD CR2-like)



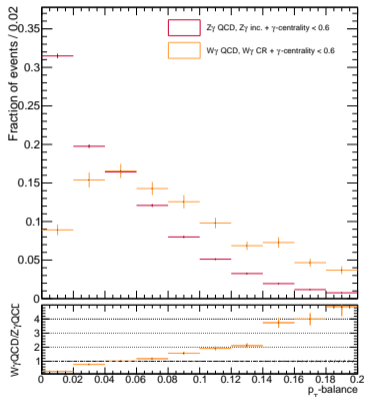


# $p_T$ -balance

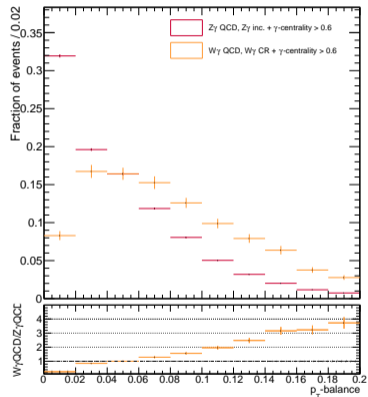
No  $\gamma$ -cent. cut



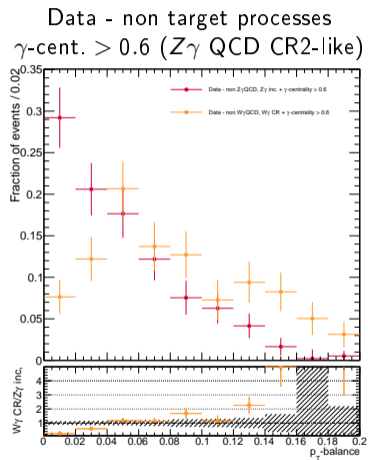
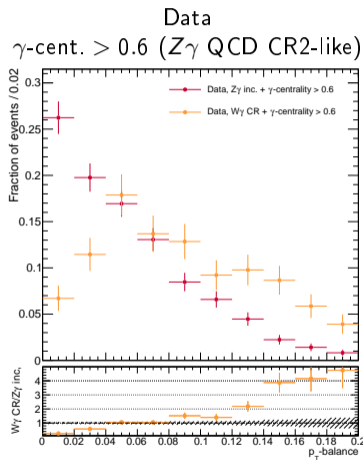
$\gamma$ -cent.  $< 0.6$  (SR-like)



$\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)

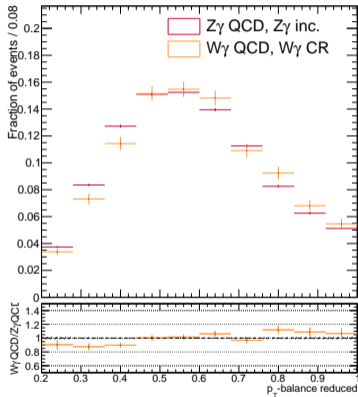


# $p_T$ -balance

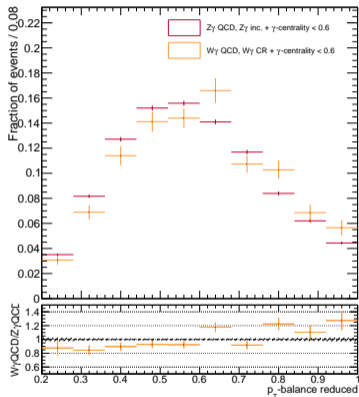


# $p_T$ -balance (red.)

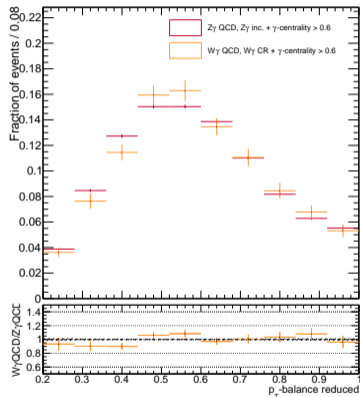
No  $\gamma$ -cent. cut



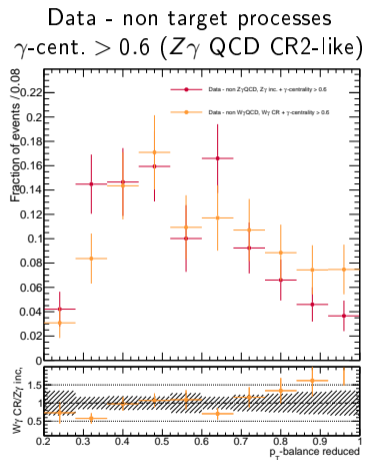
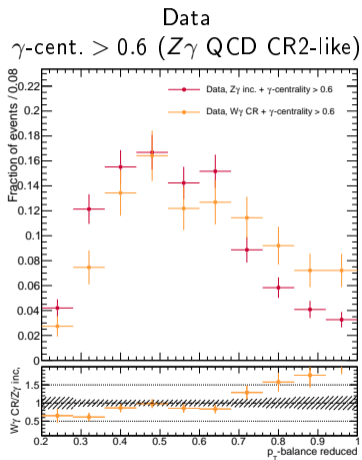
$\gamma$ -cent. < 0.6 (SR-like)



$\gamma$ -cent. > 0.6 ( $Z\gamma$  QCD CR2-like)

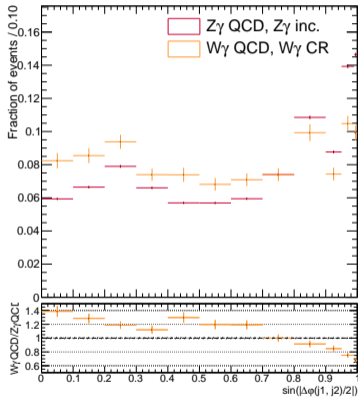


# $p_T$ -balance (red.)

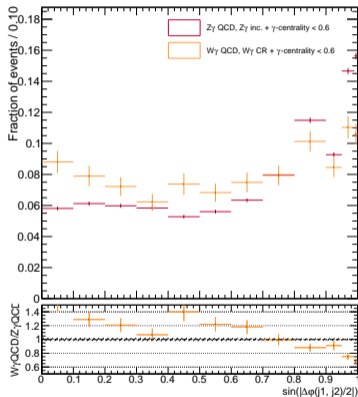


$$\sin(|\Delta\varphi(j_1, j_2)/2|)$$

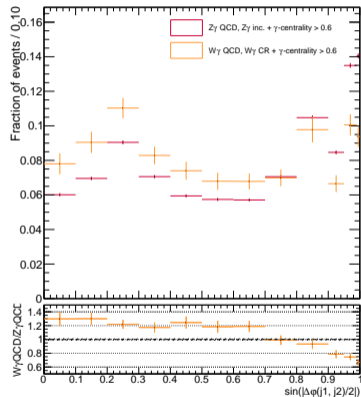
No  $\gamma$ -cent. cut



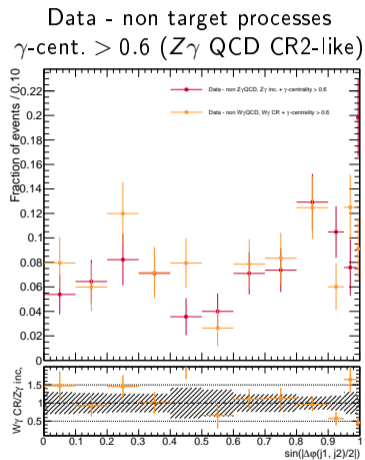
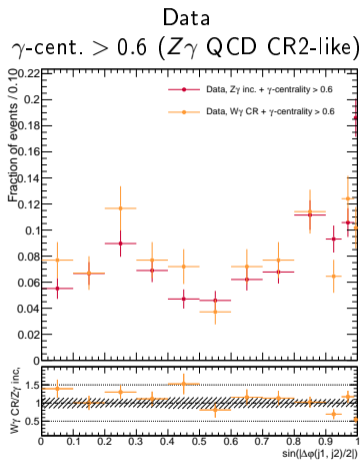
$\gamma$ -cent.  $< 0.6$  (SR-like)



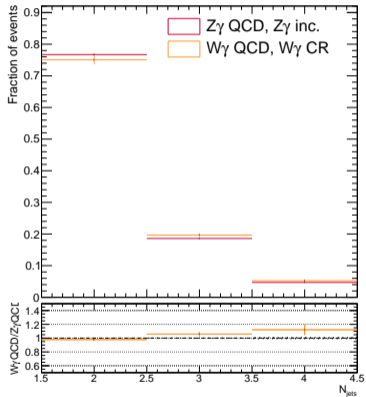
$\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)



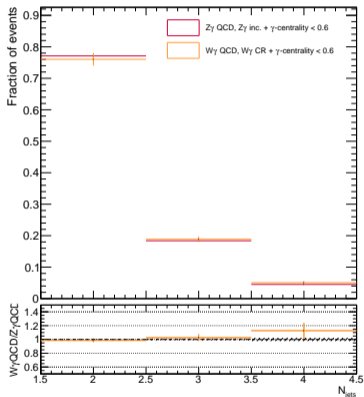
$$\sin(|\Delta\varphi(j_1, j_2)/2|)$$



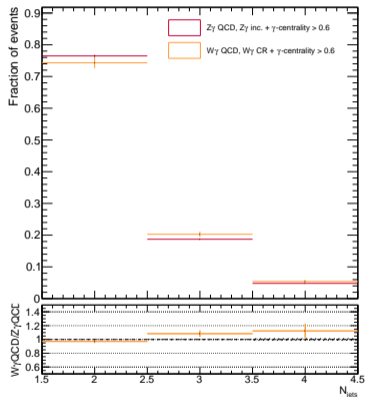
No  $\gamma$ -cent. cut

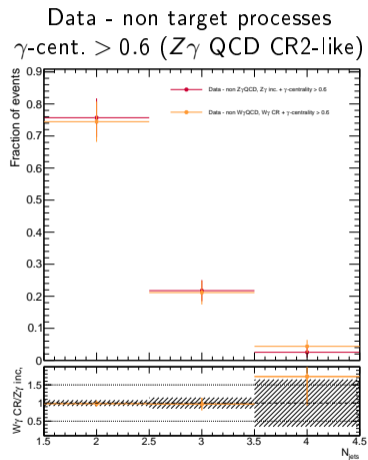
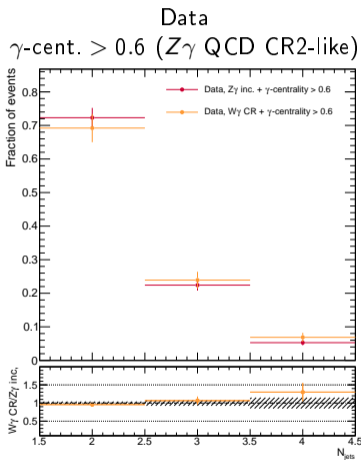


$\gamma$ -cent.  $< 0.6$  (SR-like)



$\gamma$ -cent.  $> 0.6$  ( $Z\gamma$  QCD CR2-like)







# Classifier response

