

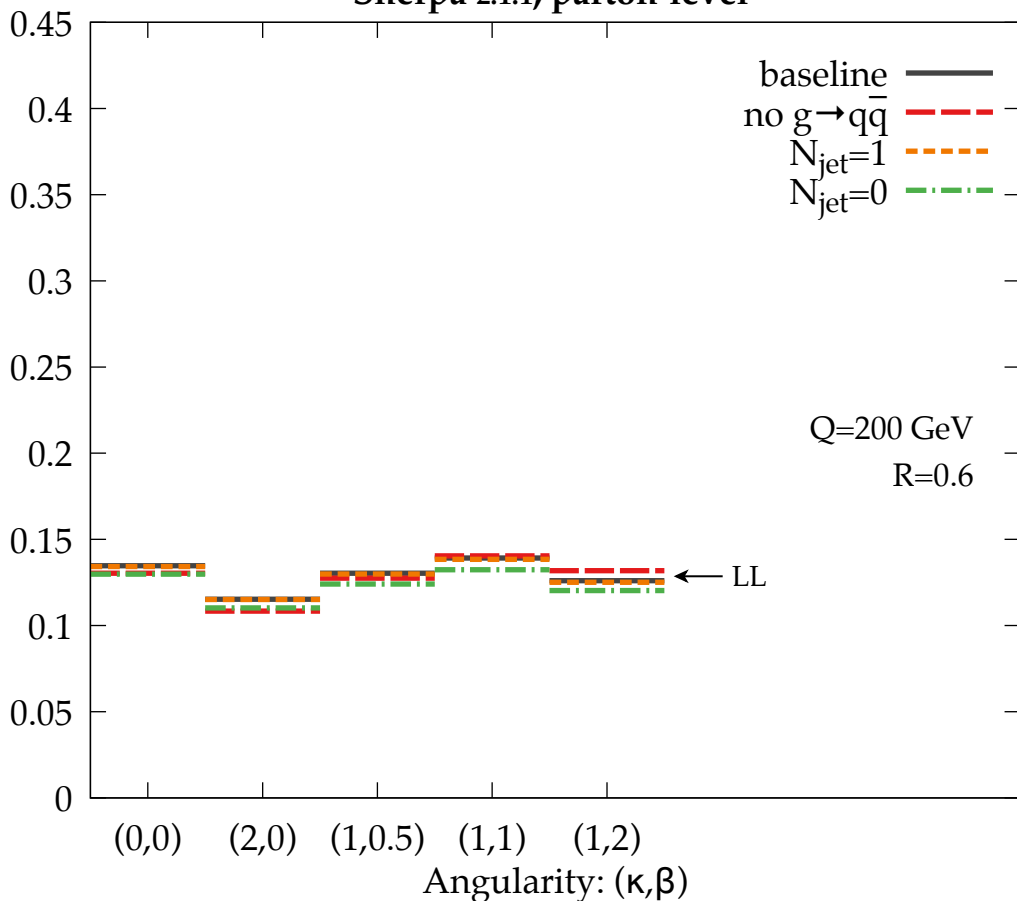
# Sherpa 2.1.1, parton-level

Separation:  $\Delta$

baseline —  
no  $g \rightarrow q\bar{q}$  - -  
 $N_{\text{jet}}=1$  - -  
 $N_{\text{jet}}=0$  - · - ·

$Q=200$  GeV  
 $R=0.6$

← LL



# Sherpa 2.1.1, parton-level

Separation:  $I_{1/2}$

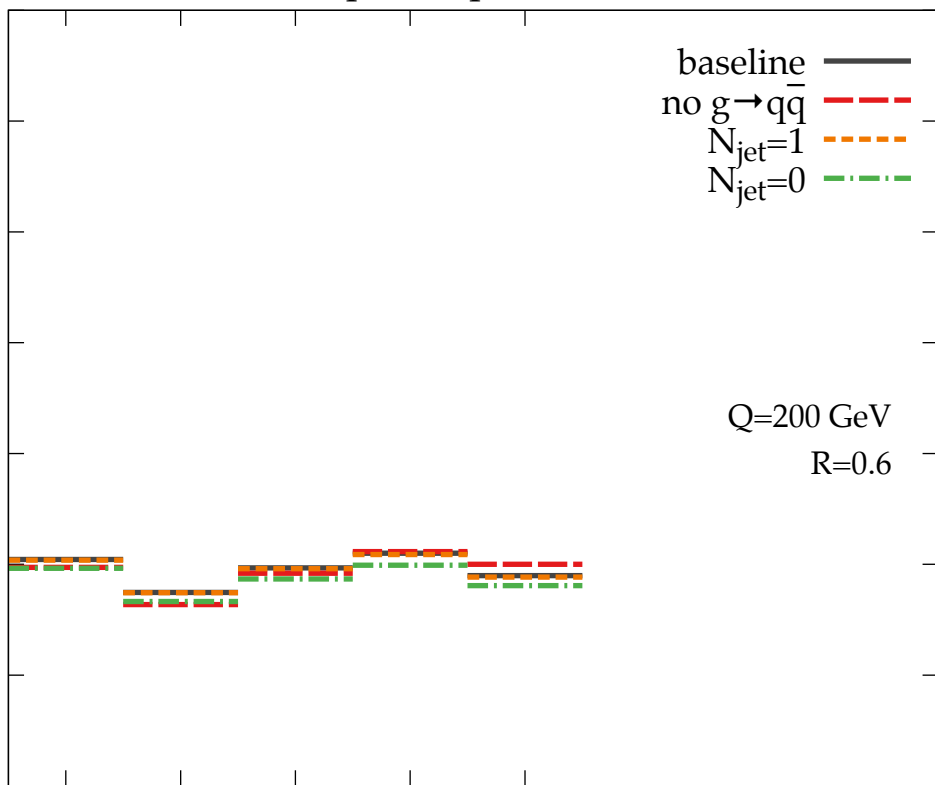
baseline —  
no  $g \rightarrow q\bar{q}$  - -  
 $N_{\text{jet}}=1$  - -  
 $N_{\text{jet}}=0$  - · -

$Q=200$  GeV  
 $R=0.6$

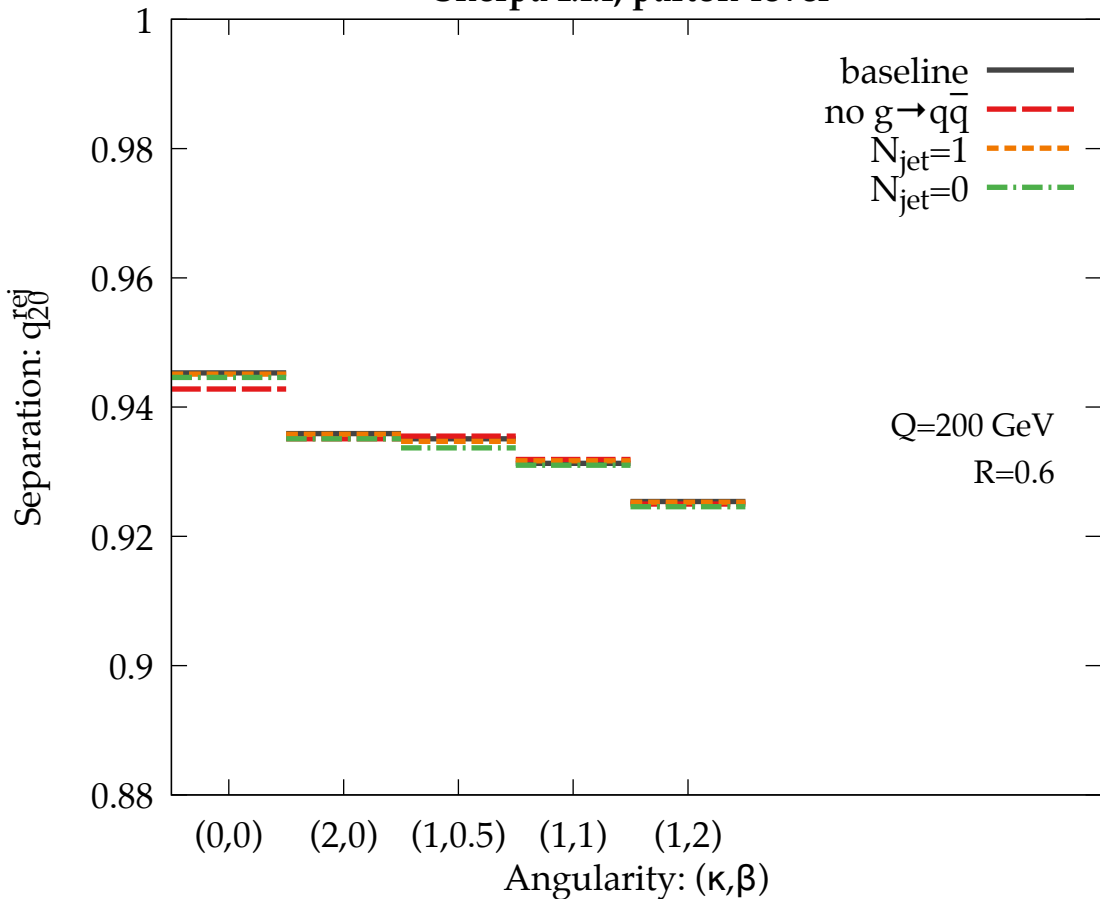
0.35  
0.3  
0.25  
0.2  
0.15  
0.1  
0.05  
0

(0,0) (2,0) (1,0.5) (1,1) (1,2)

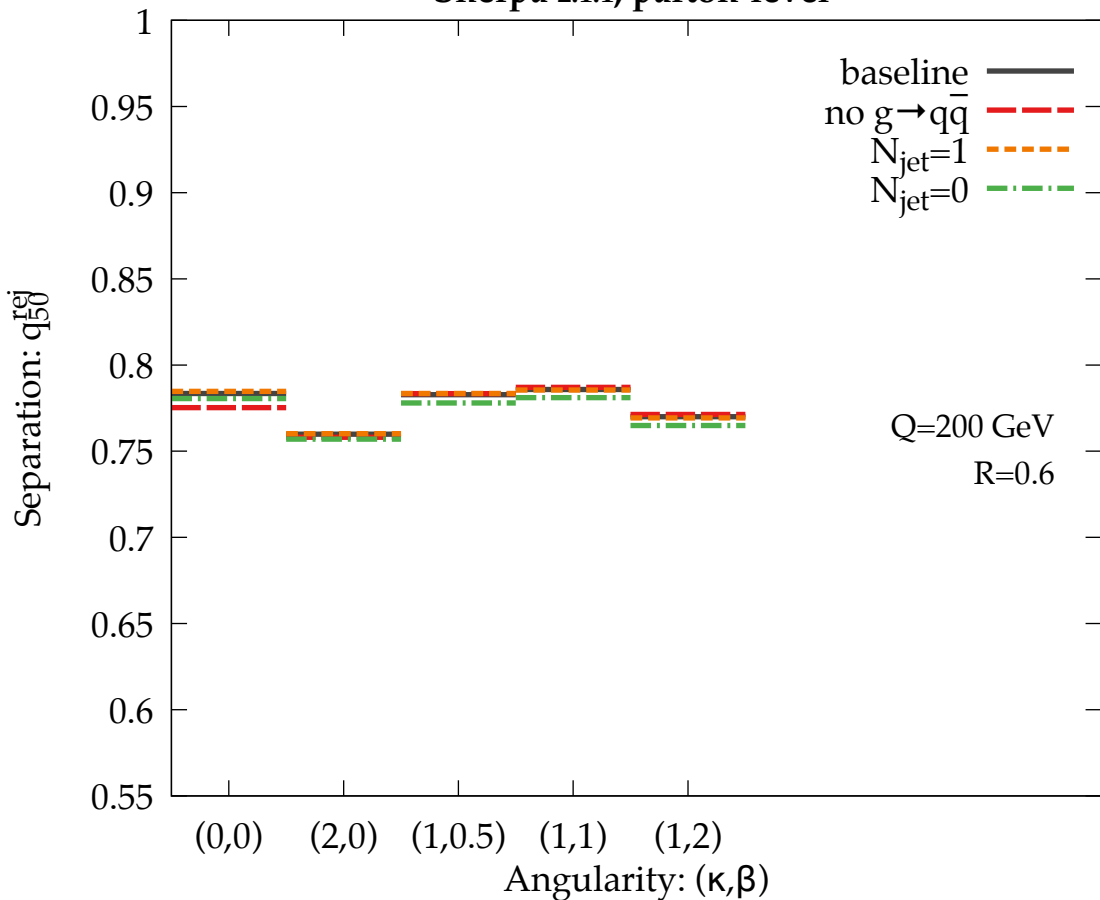
Angularity:  $(\kappa, \beta)$



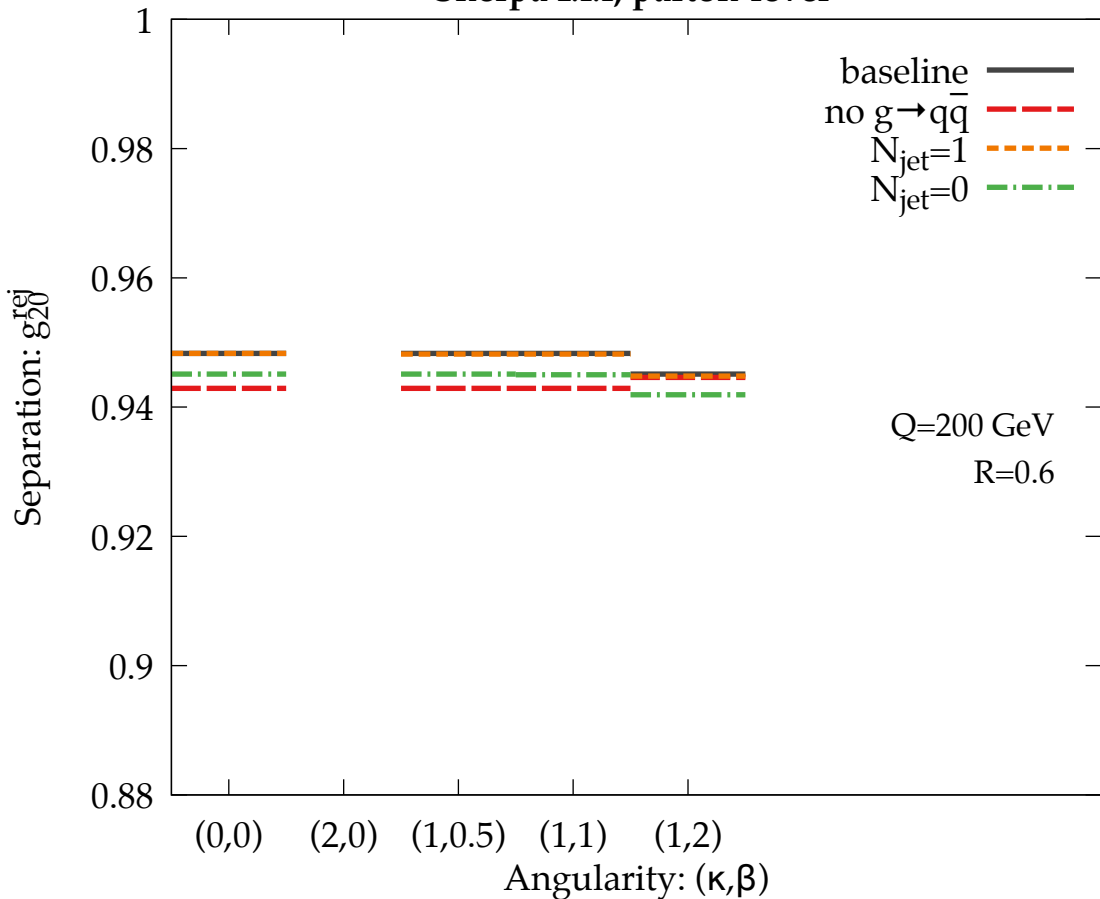
# Sherpa 2.1.1, parton-level



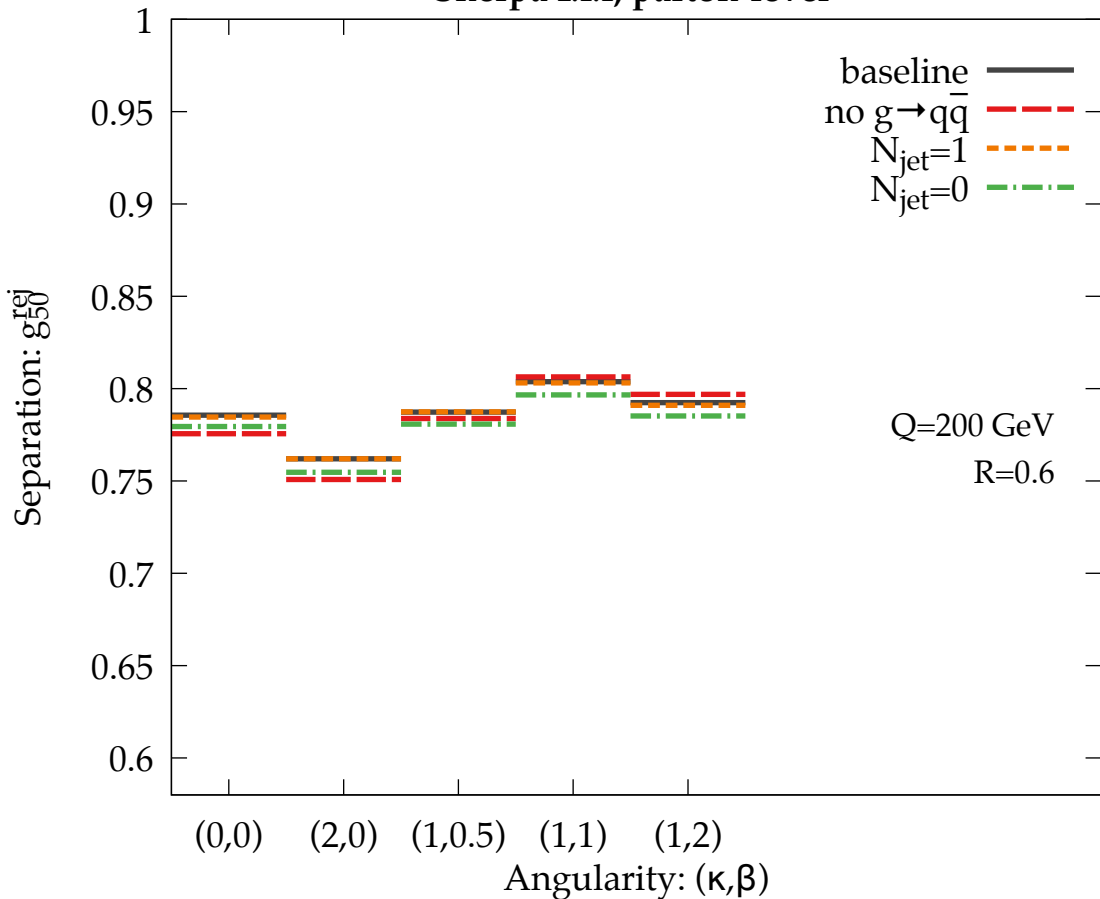
# Sherpa 2.1.1, parton-level



# Sherpa 2.1.1, parton-level



# Sherpa 2.1.1, parton-level



# Sherpa 2.1.1, parton-level

Separation:  $s^{\text{rej}}$

baseline —  
no  $g \rightarrow q\bar{q}$  - -  
 $N_{\text{jet}}=1$  - -  
 $N_{\text{jet}}=0$  - · - ·

$Q=200$  GeV

$R=0.6$

