

Analytic NLL, parton-level

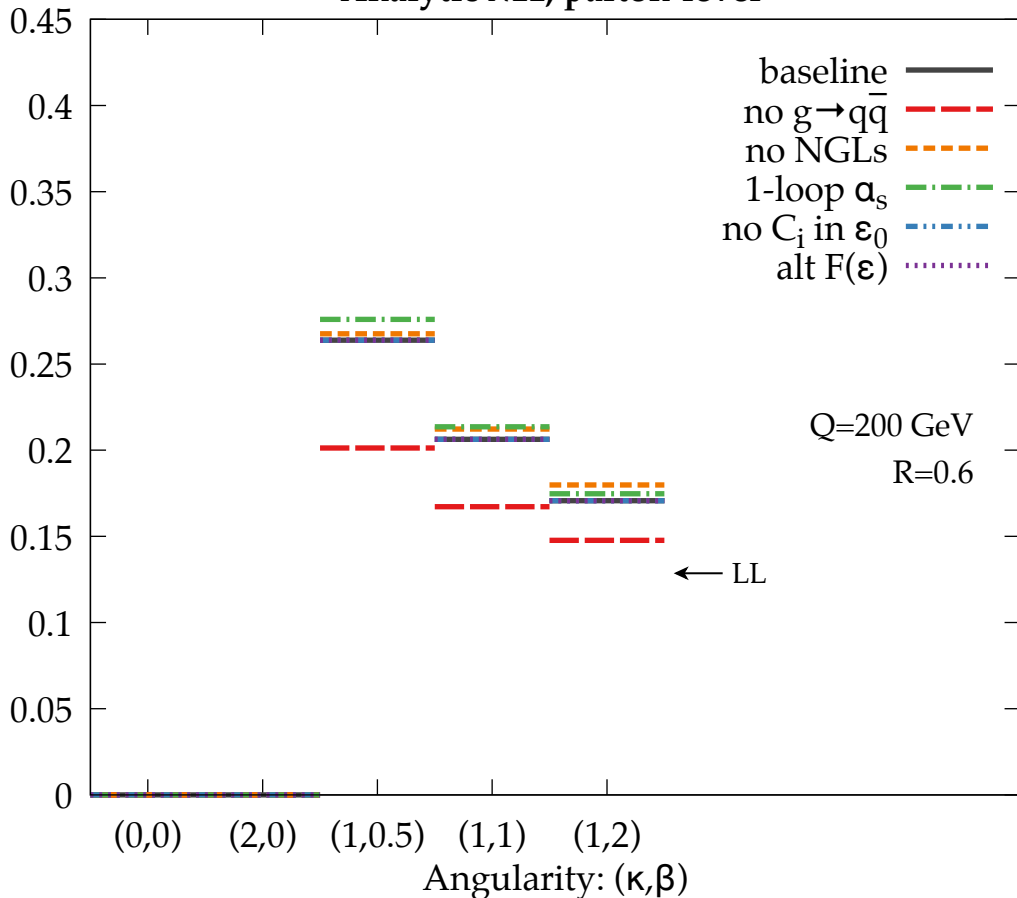
Separation: Δ

baseline —
 no $g \rightarrow q\bar{q}$ - -
 no NGLs - -
 1-loop α_s - · -
 no C_i in ϵ_0 · · ·
 alt $F(\epsilon)$ · · ·

$Q=200$ GeV

$R=0.6$

← LL



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Separation: $I_{1/2}$

baseline —
 no $g \rightarrow q\bar{q}$ - -
 no NGLs - -
 1-loop α_s - · -
 no C_i in ϵ_0 · · ·
 alt $F(\epsilon)$ · · ·

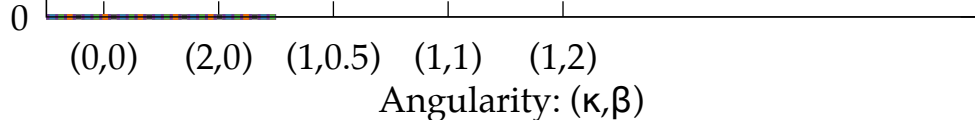
$Q=200$ GeV

$R=0.6$

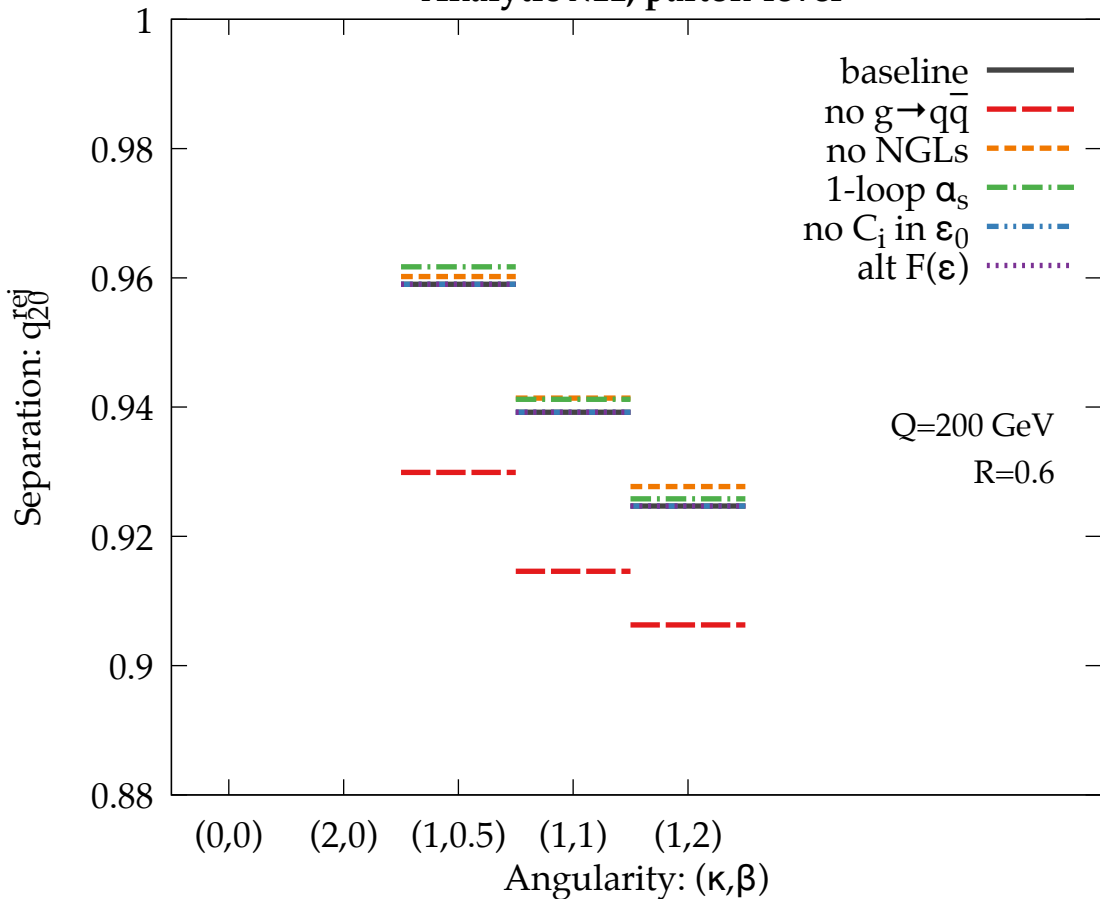
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

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

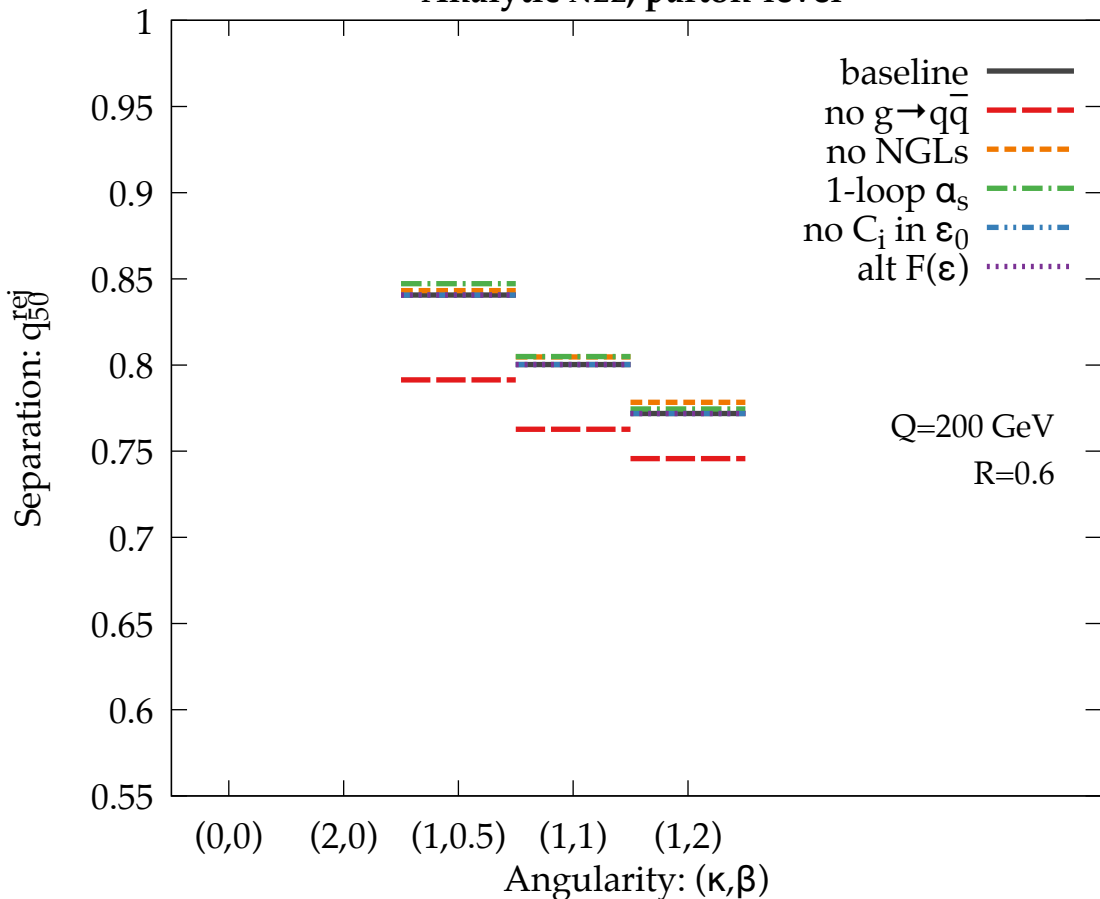
Angularity: (κ, β)



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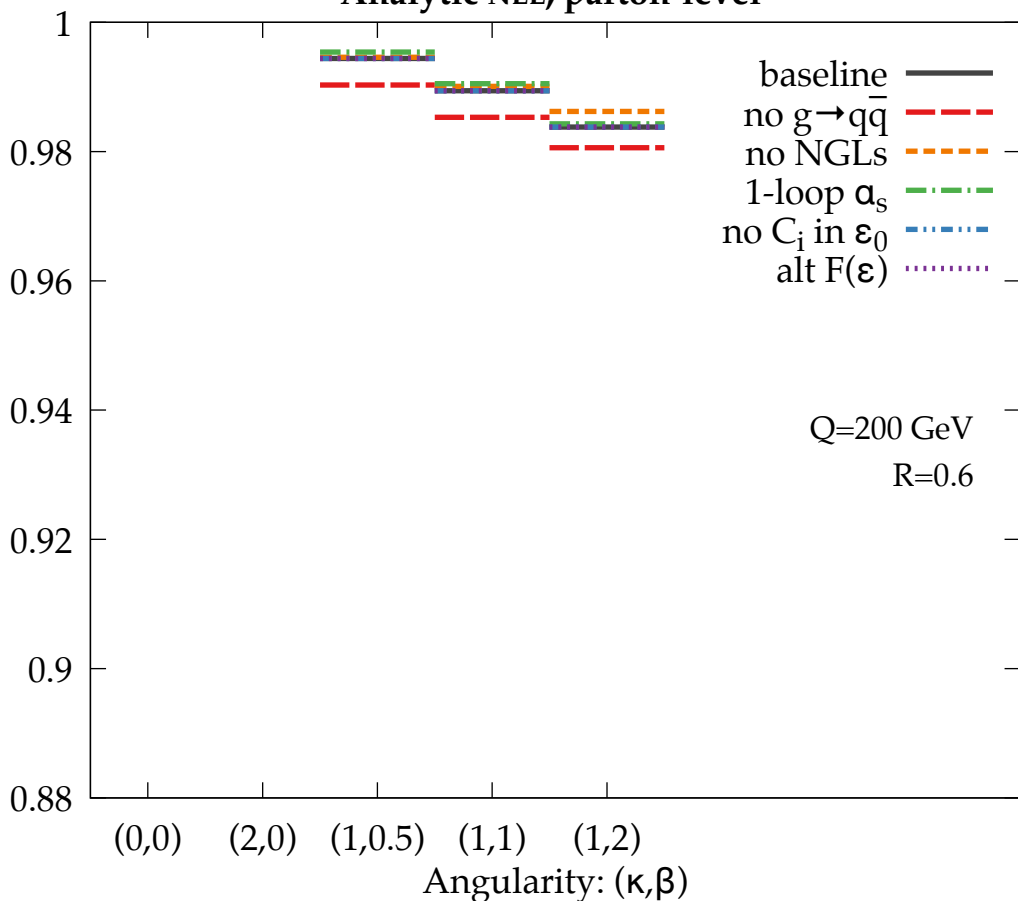
Separation: g_{20}^{rej}

baseline —
 no $g \rightarrow q\bar{q}$ - -
 no NGLs - -
 1-loop α_s - · -
 no C_i in ϵ_0 · · ·
 alt $F(\epsilon)$ ···

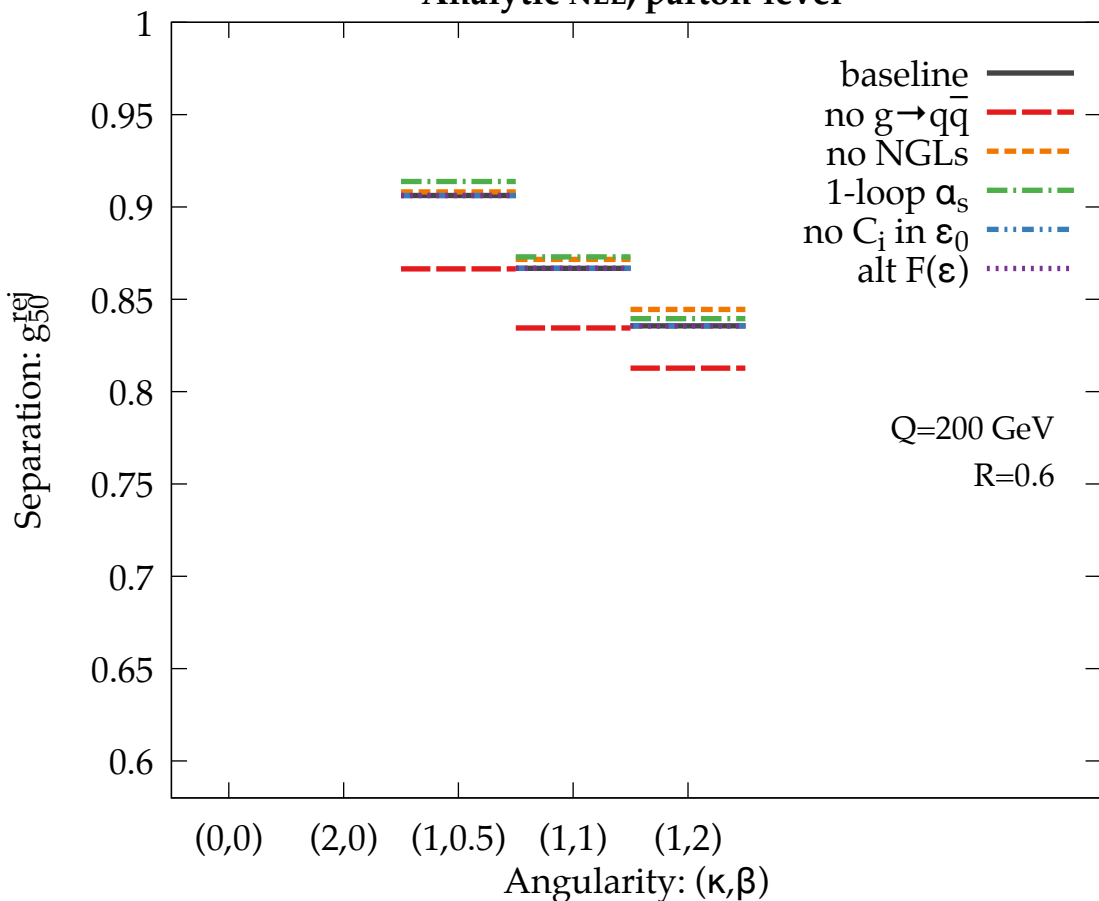
$Q=200 \text{ GeV}$

$R=0.6$

Angular: (κ, β)



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Separation: s^{rej}

baseline —
no $g \rightarrow q\bar{q}$ - - -
no NGLs - - -
1-loop α_s - · -
no C_i in ϵ_0 · · ·
alt $F(\epsilon)$ ···

$Q=200 \text{ GeV}$

$R=0.6$

(0,0) (2,0) (1,0.5) (1,1) (1,2)
Angularity: (κ, β)

