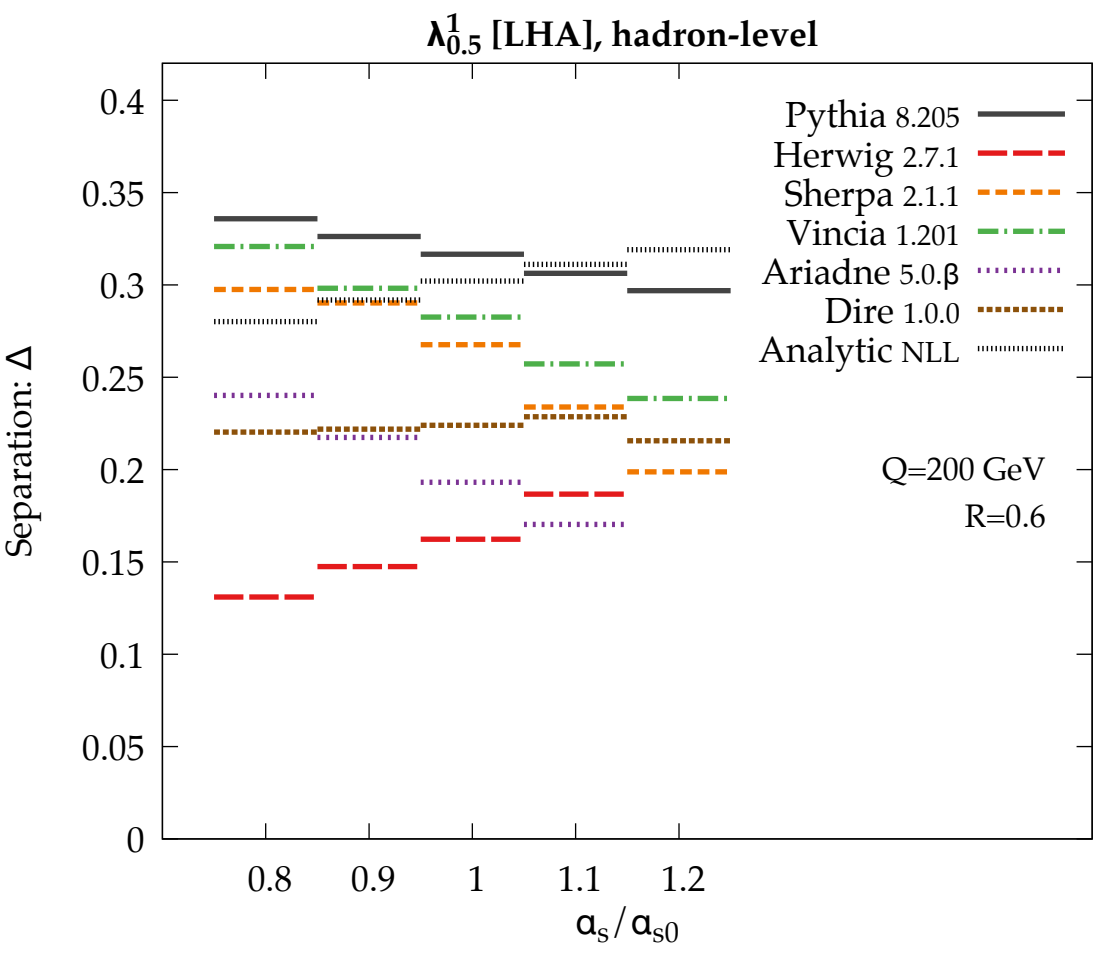
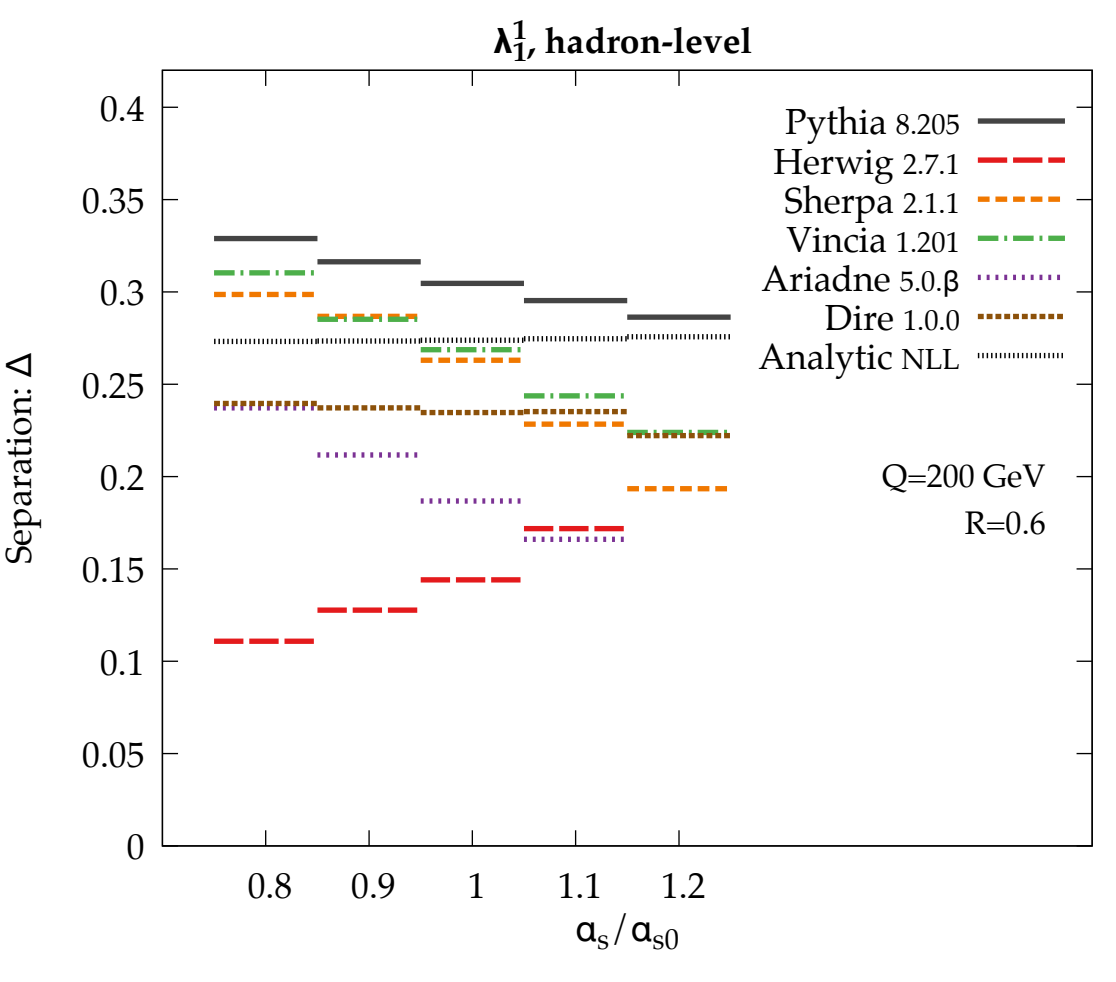
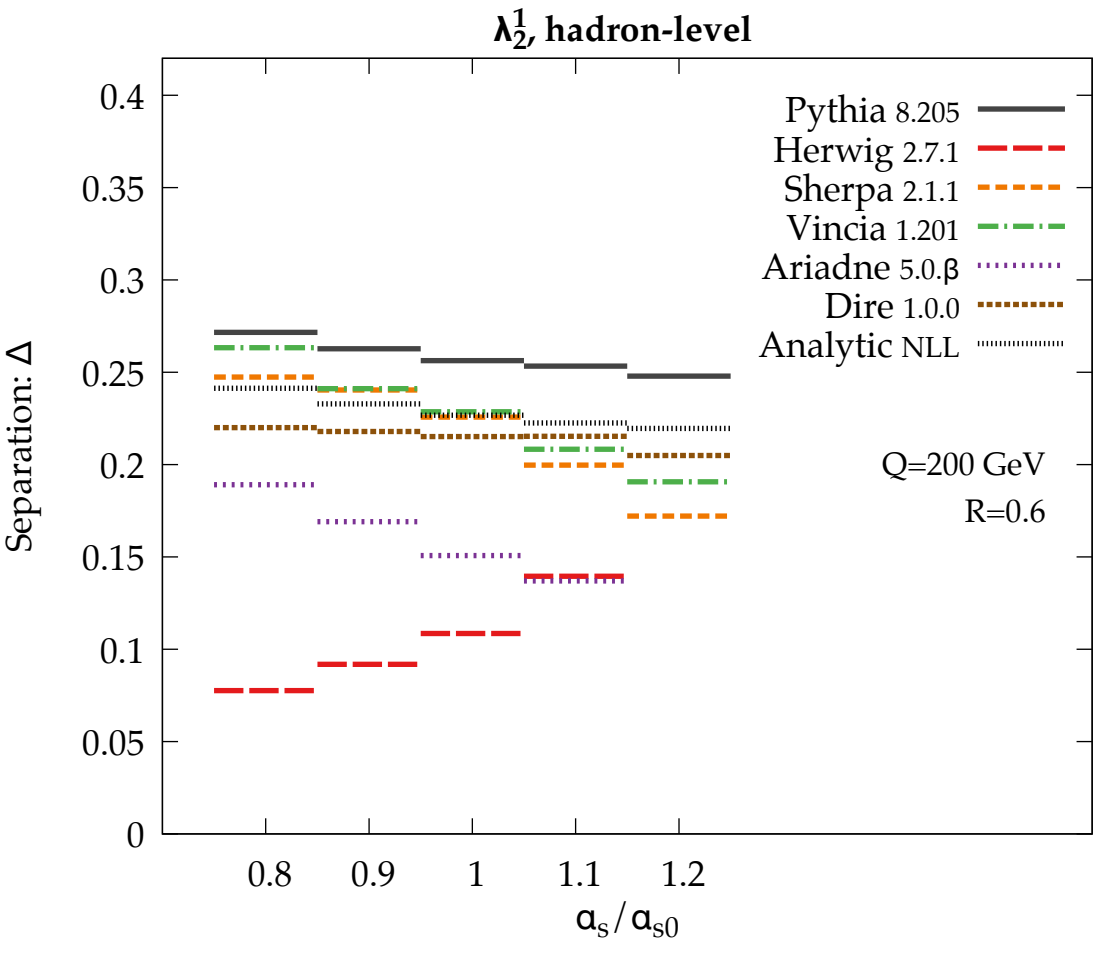
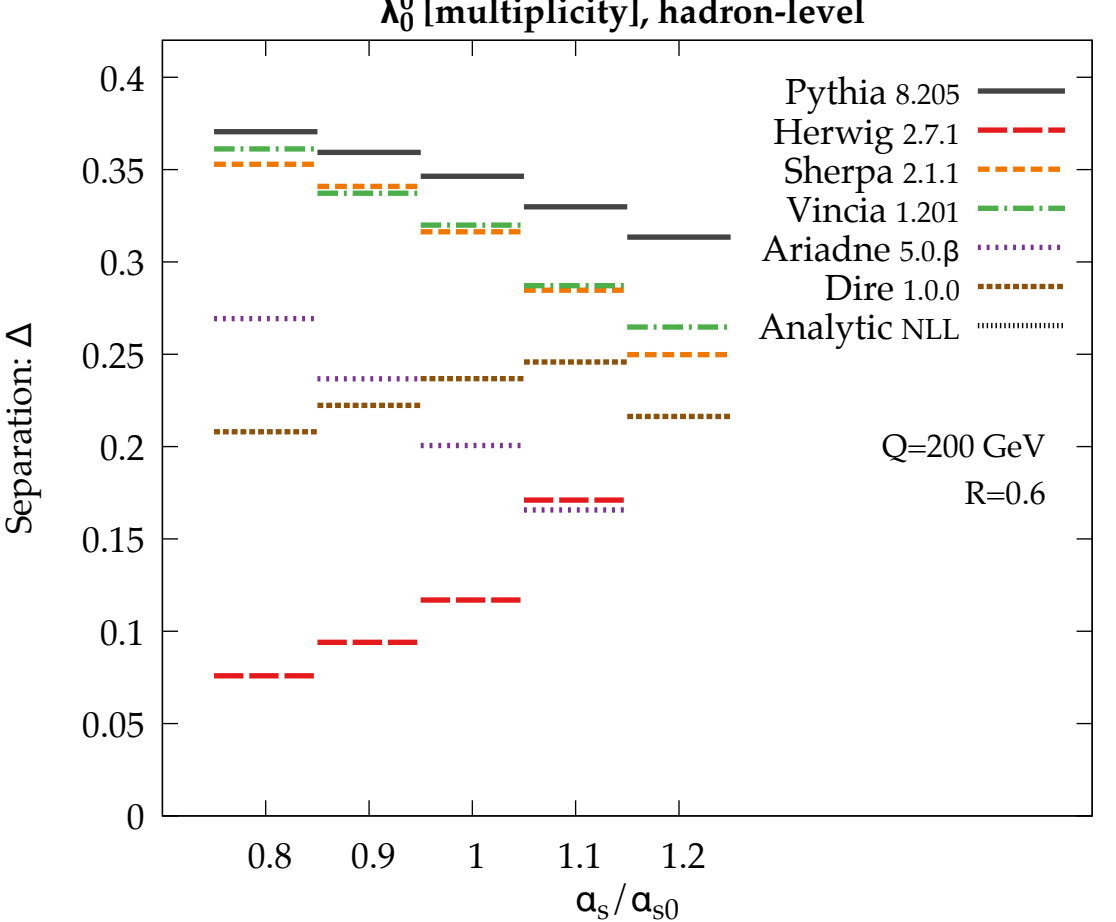
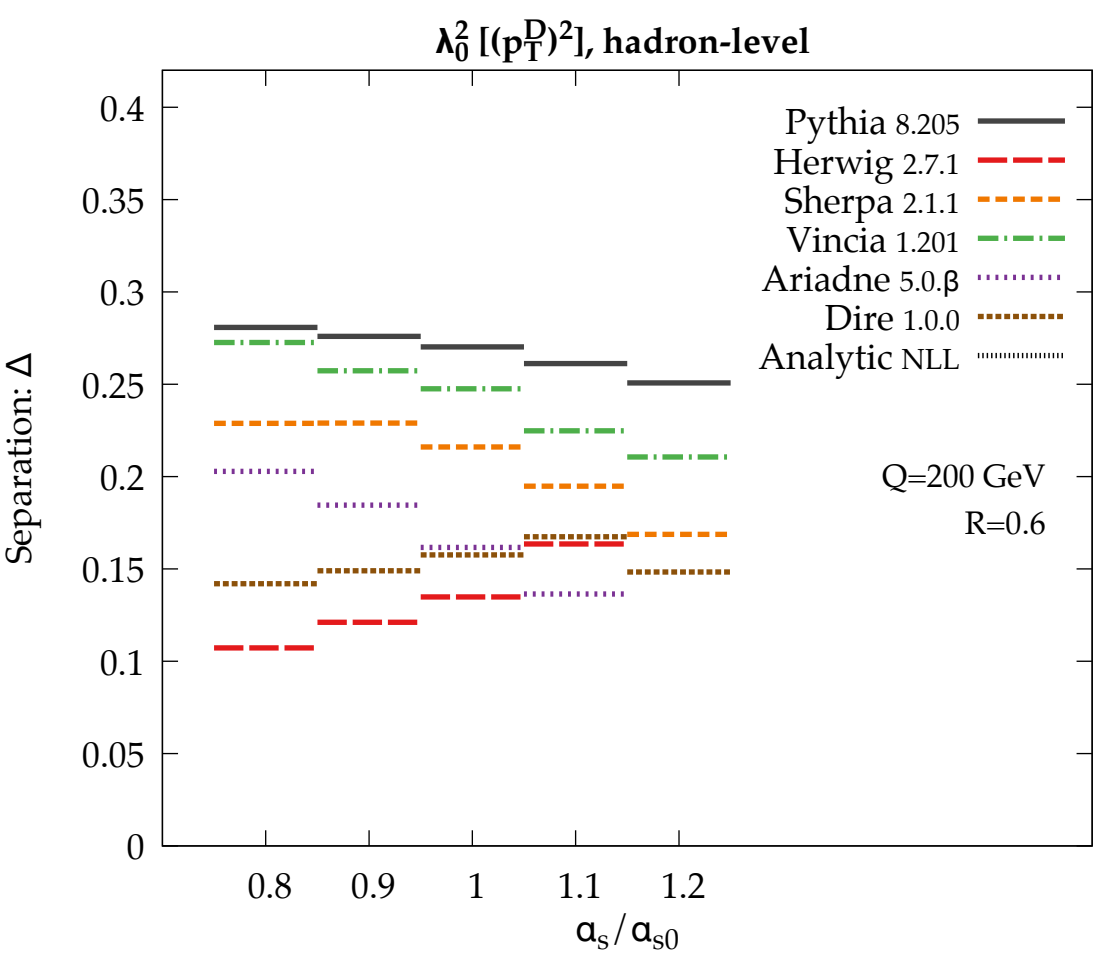
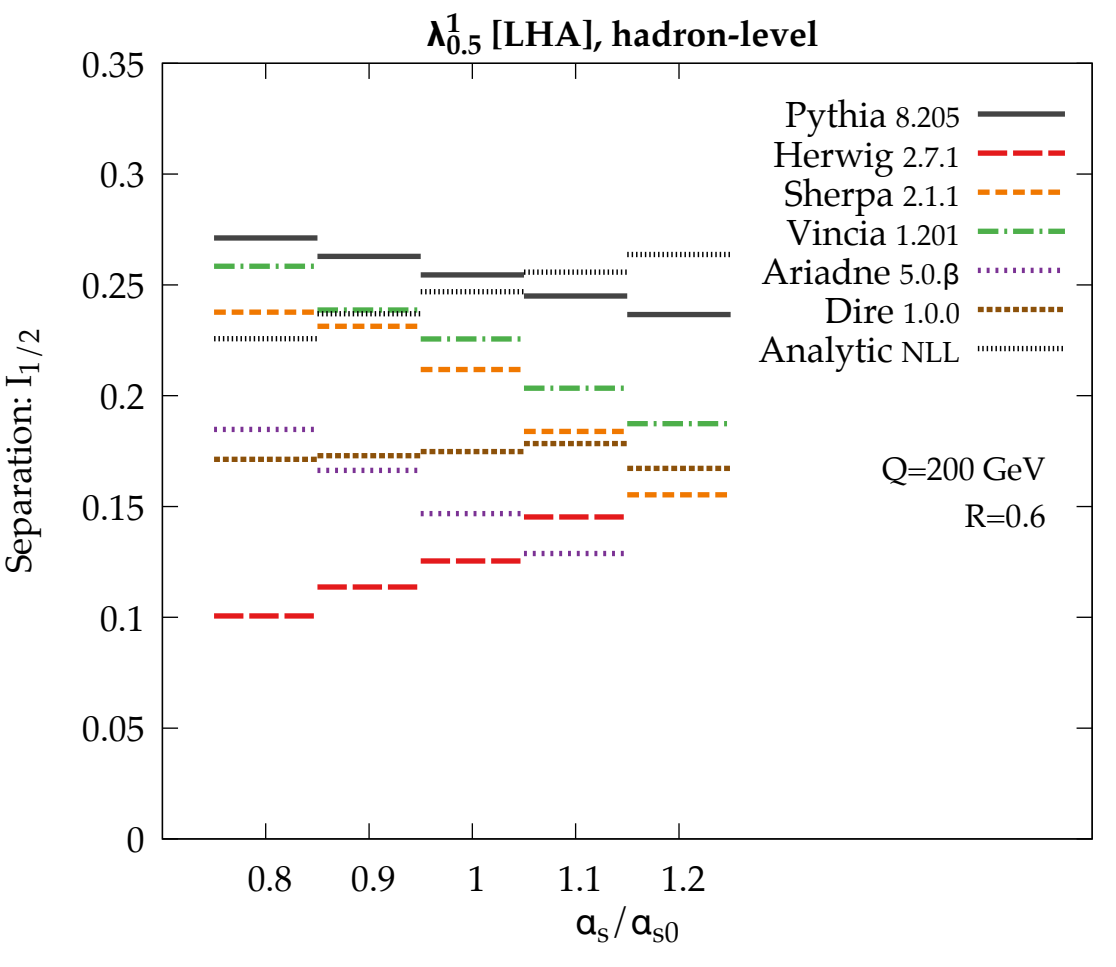

$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: Δ
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

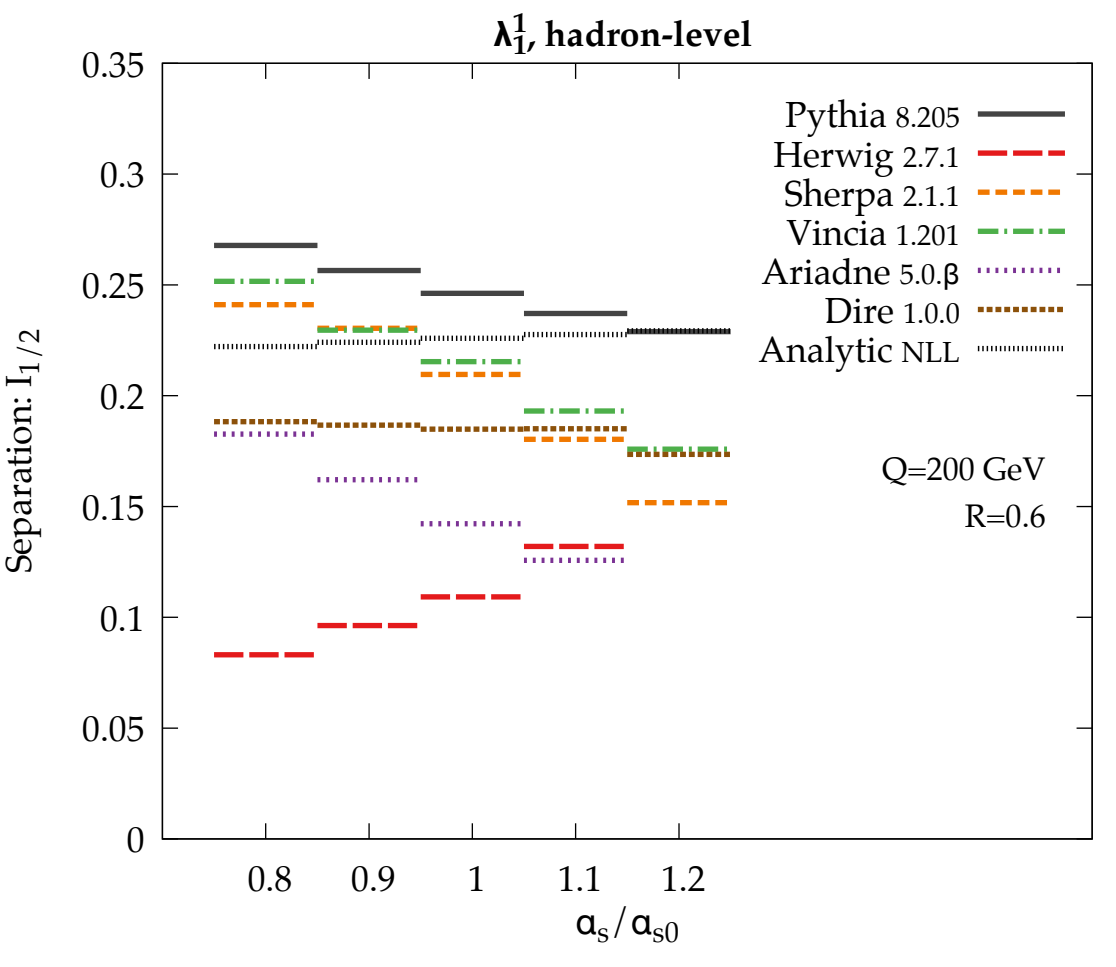

$\lambda_1^1$, hadron-level
Separation: Δ
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

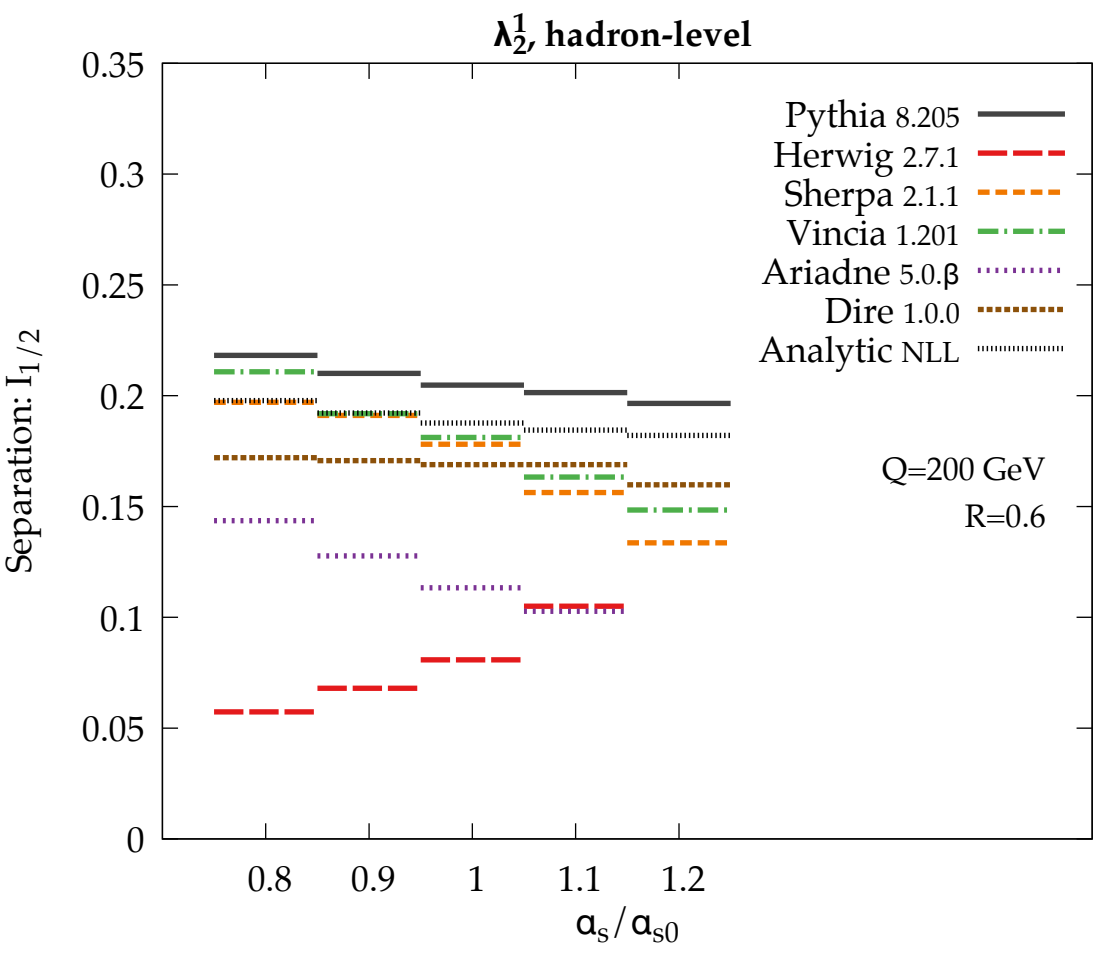

$\lambda_2^1$, hadron-level
Separation: Δ
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

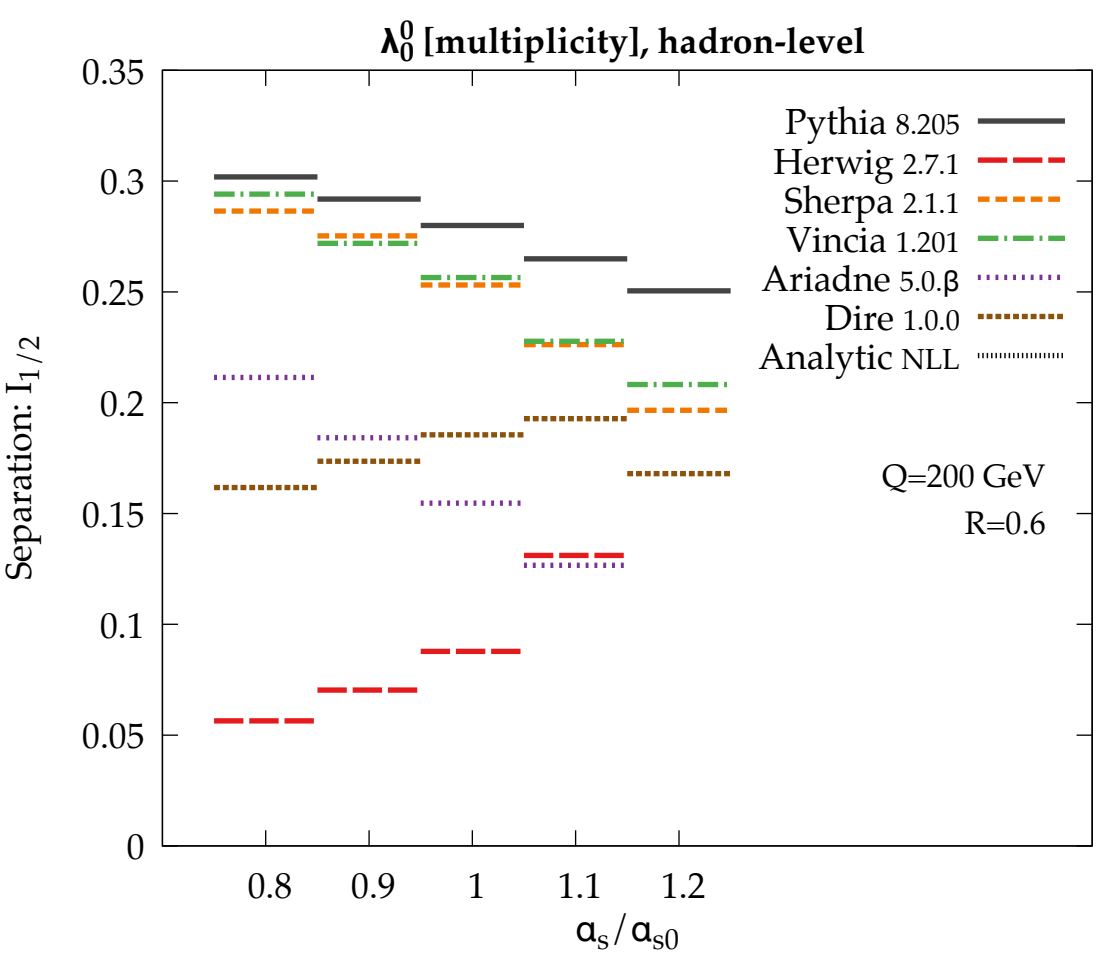

$\lambda_0^0$ [multiplicity], hadron-level
Separation: Δ
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

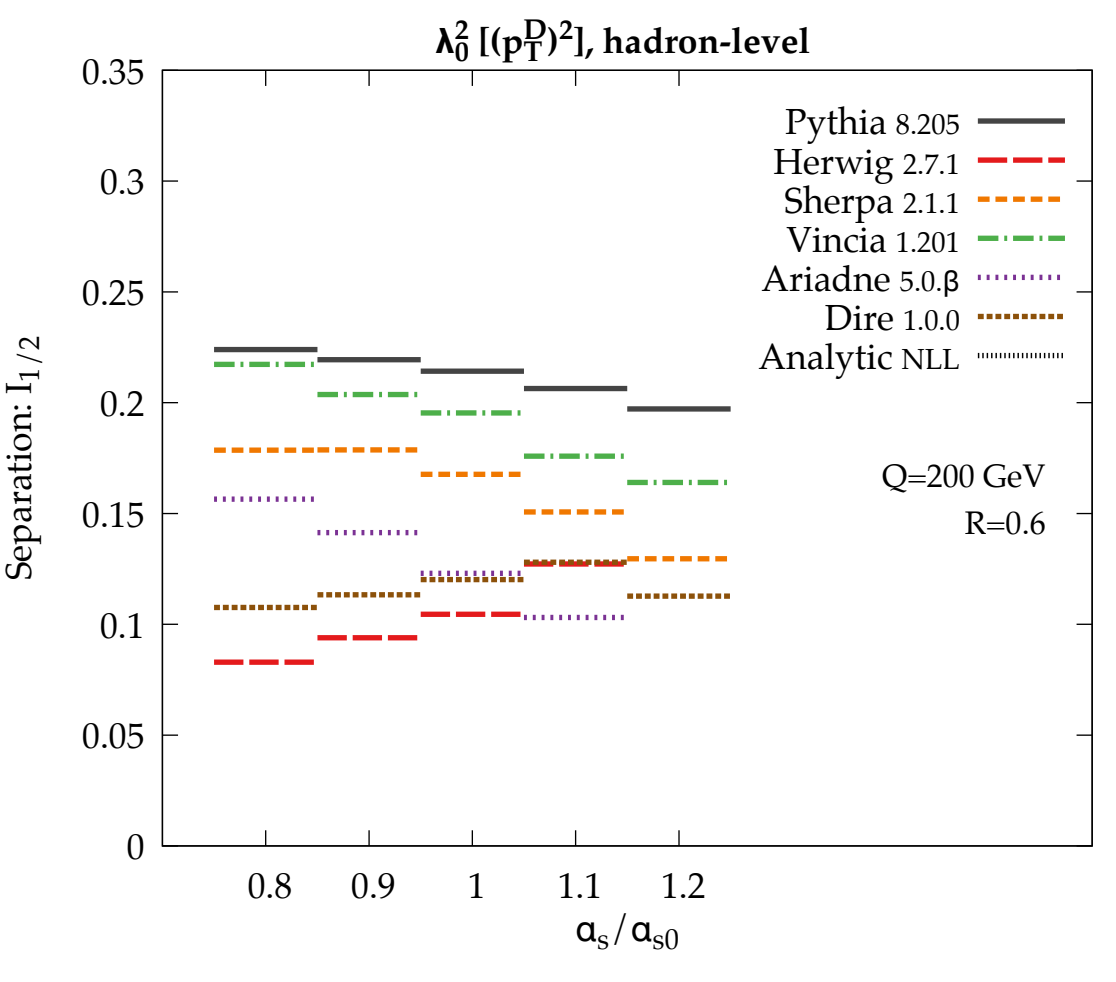

$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: Δ
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

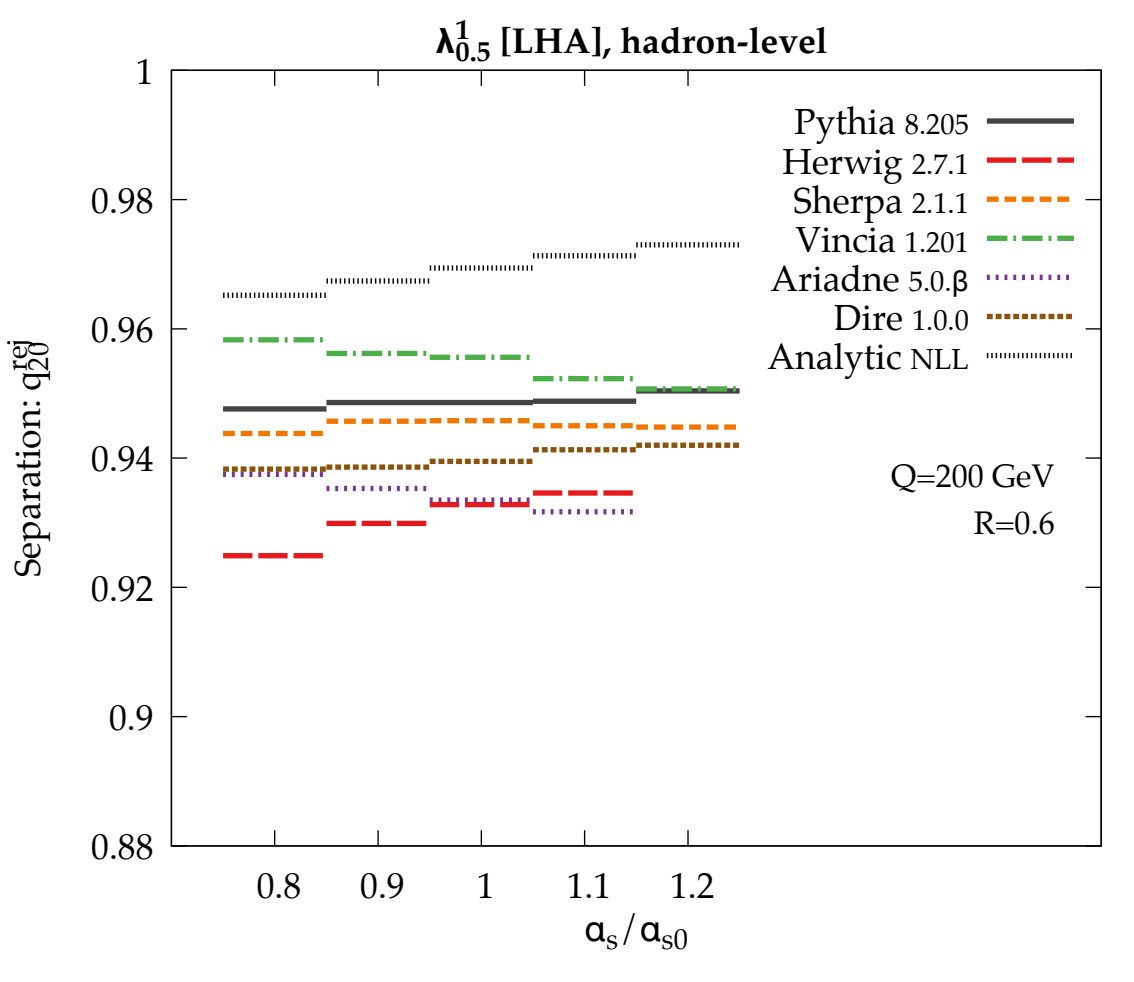

$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $I_{1/2}$
$\alpha_s/\alpha_{s0}$
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

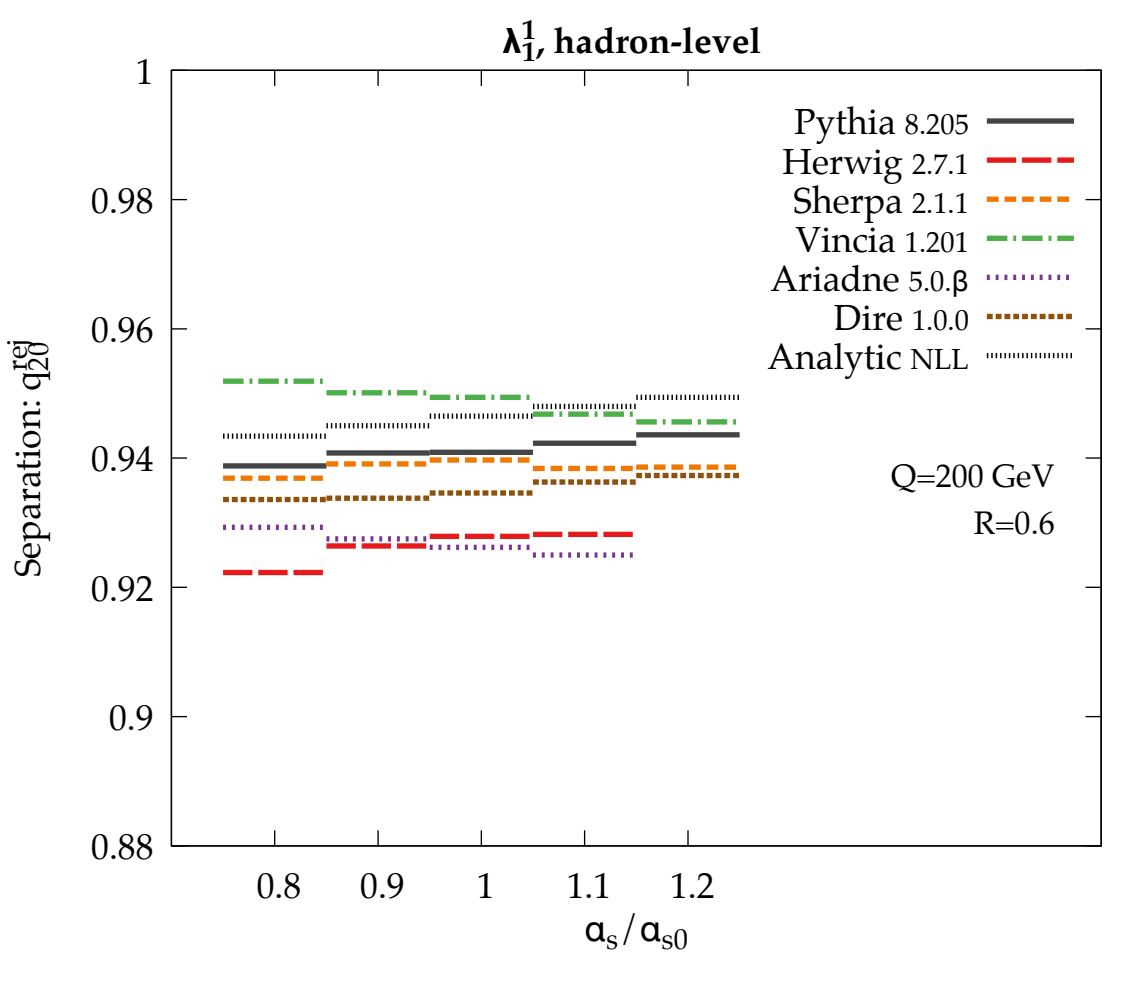

$\lambda_1^1$, hadron-level
Separation: $I_{1/2}$
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

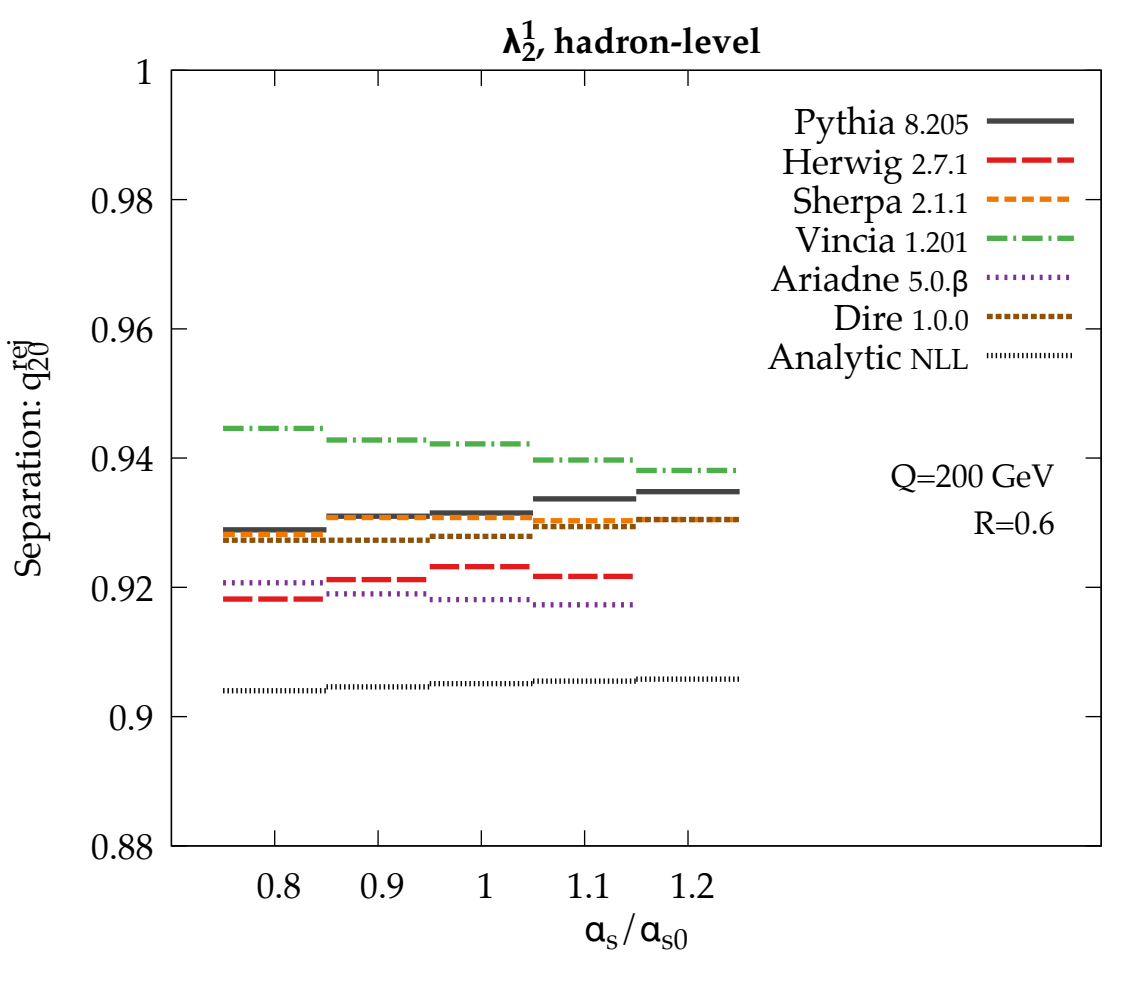

$\lambda_2^1$, hadron-level
Separation: $I_{1/2}$
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

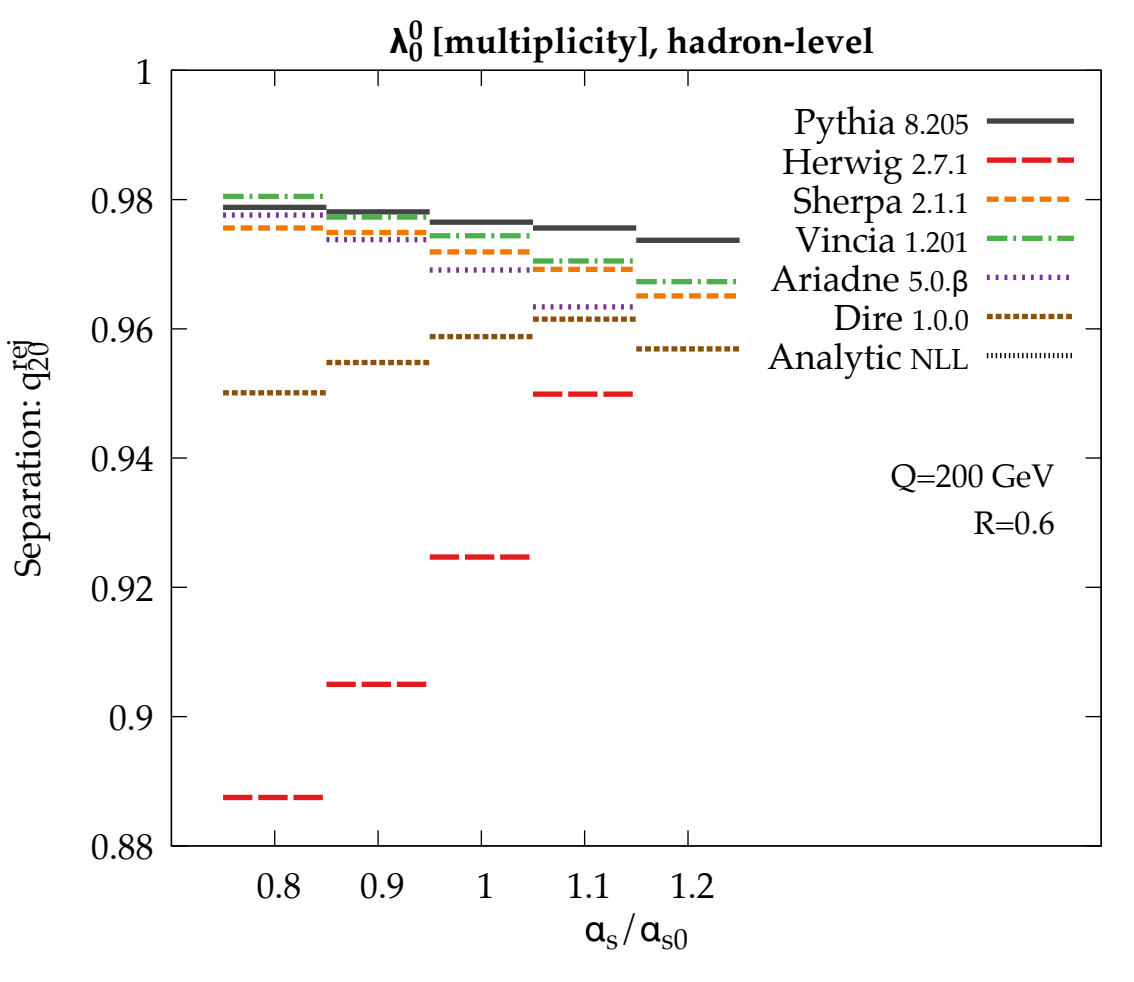

$\lambda_0^0$ [multiplicity], hadron-level
Separation: $I_{1/2}$
$\alpha_s/\alpha_{s0}$
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

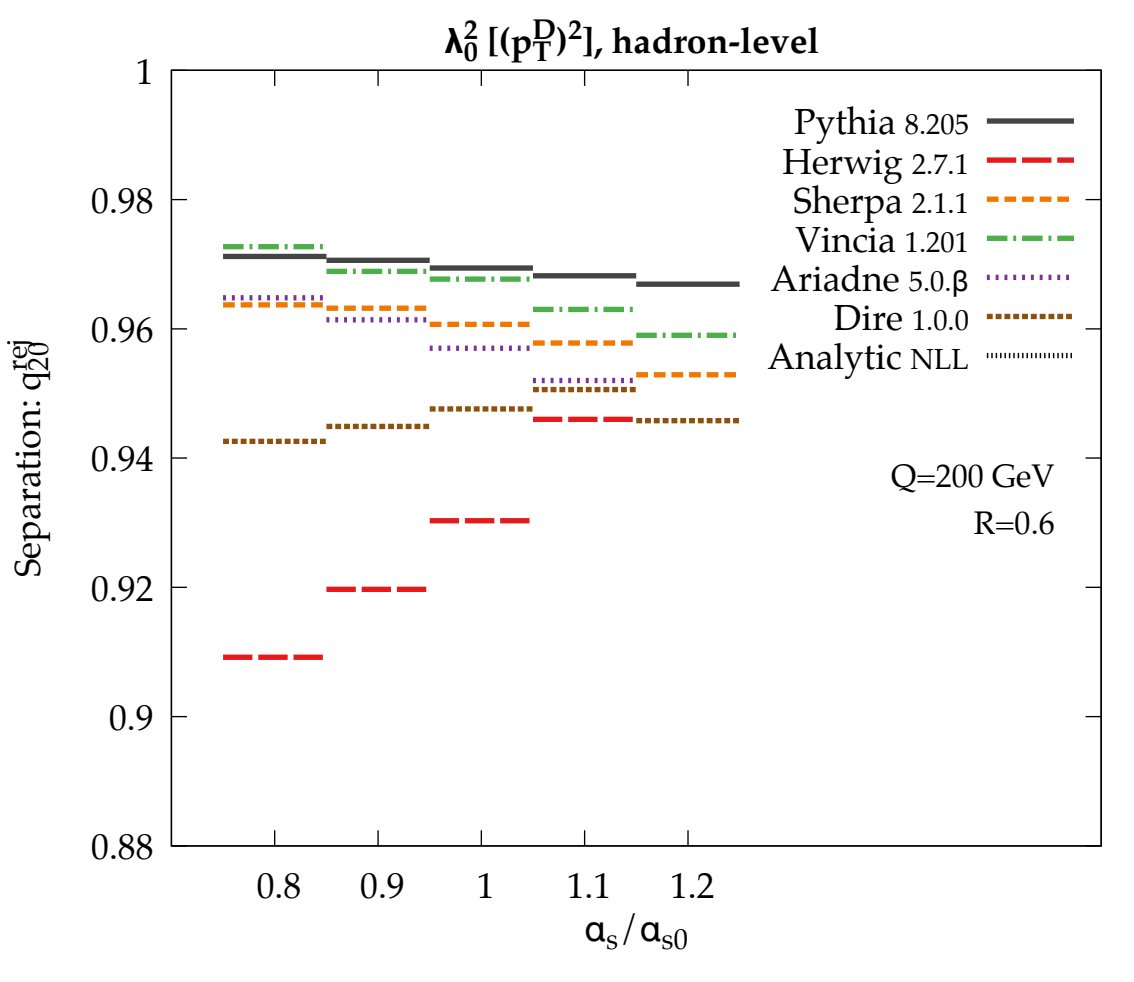

$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: $I_{1/2}$
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

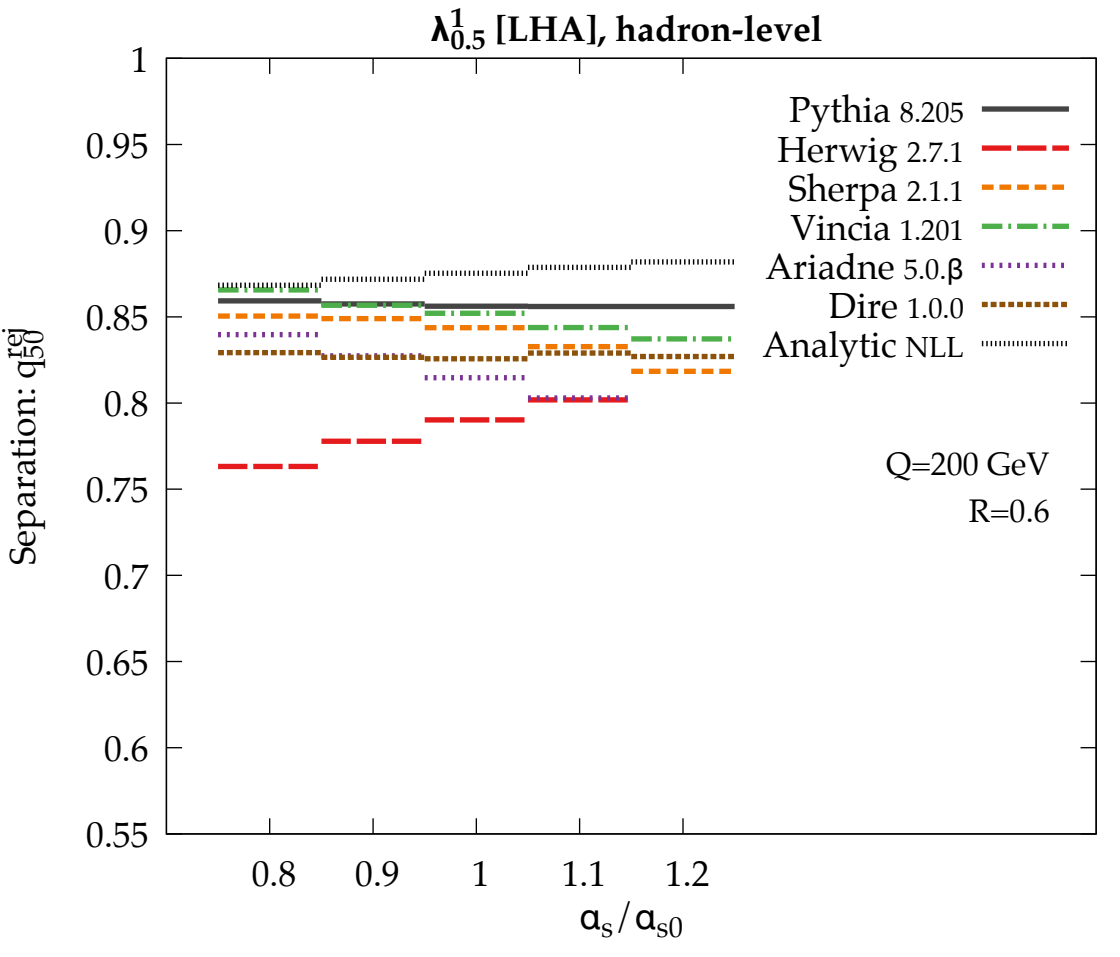

$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $q^{rej}_{20}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

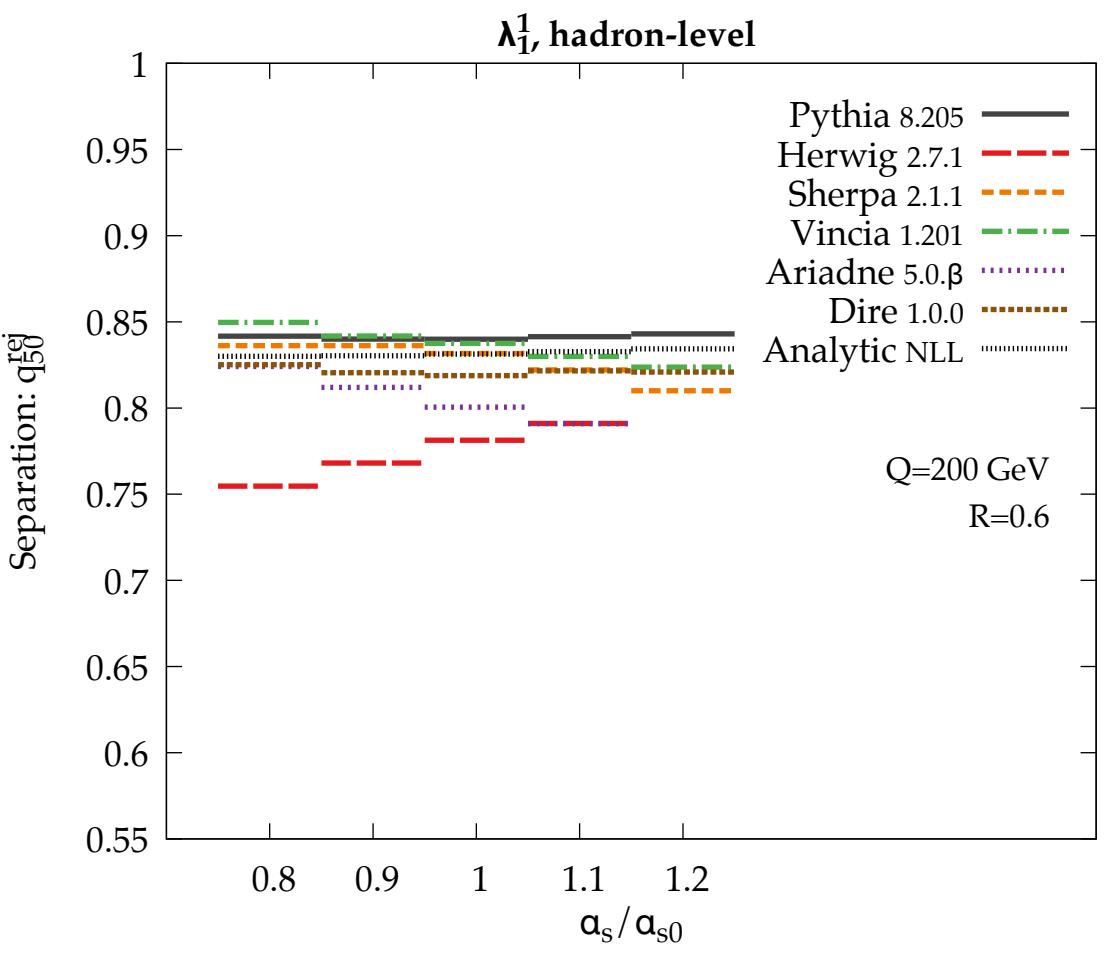

$\lambda_1^1$, hadron-level
Separation: $q_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

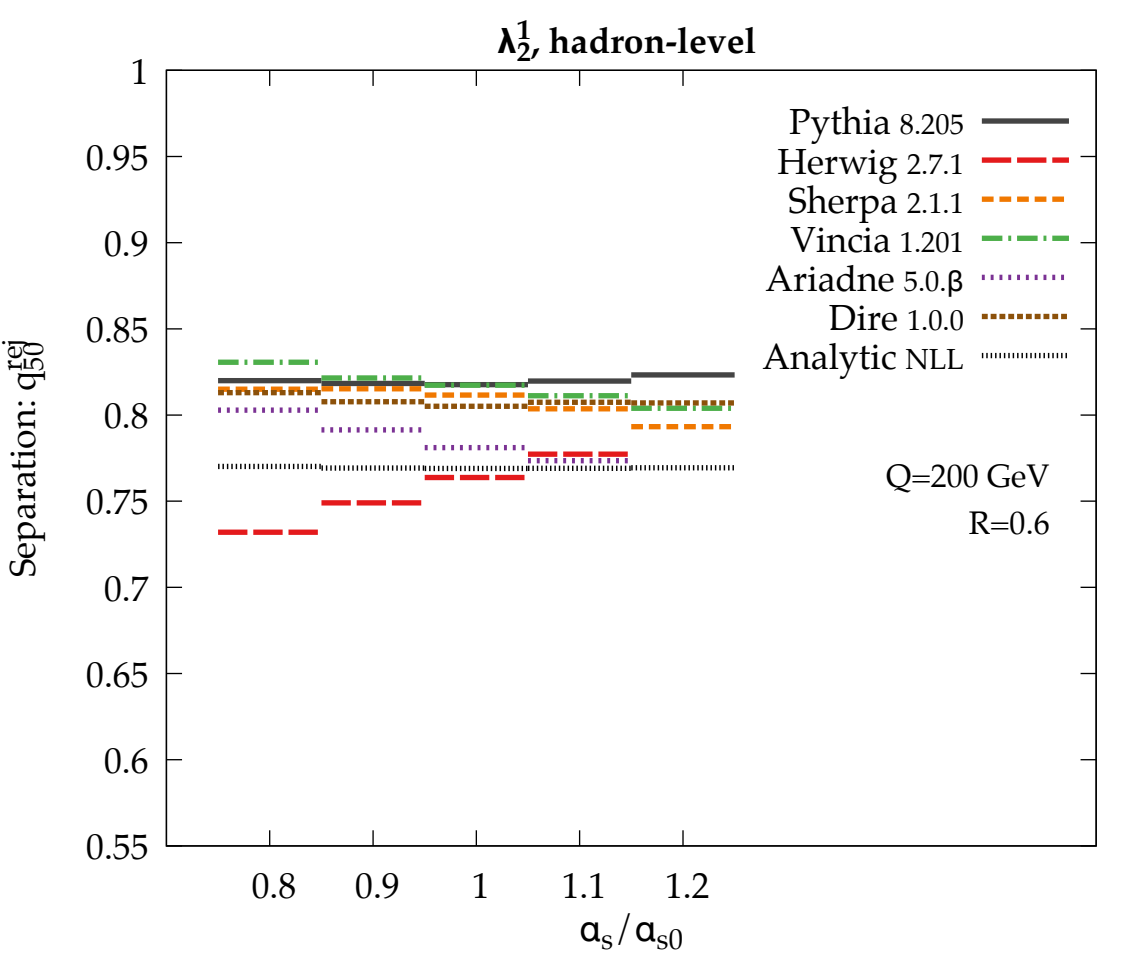

$\lambda_2^1$, hadron-level
Separation: $q_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

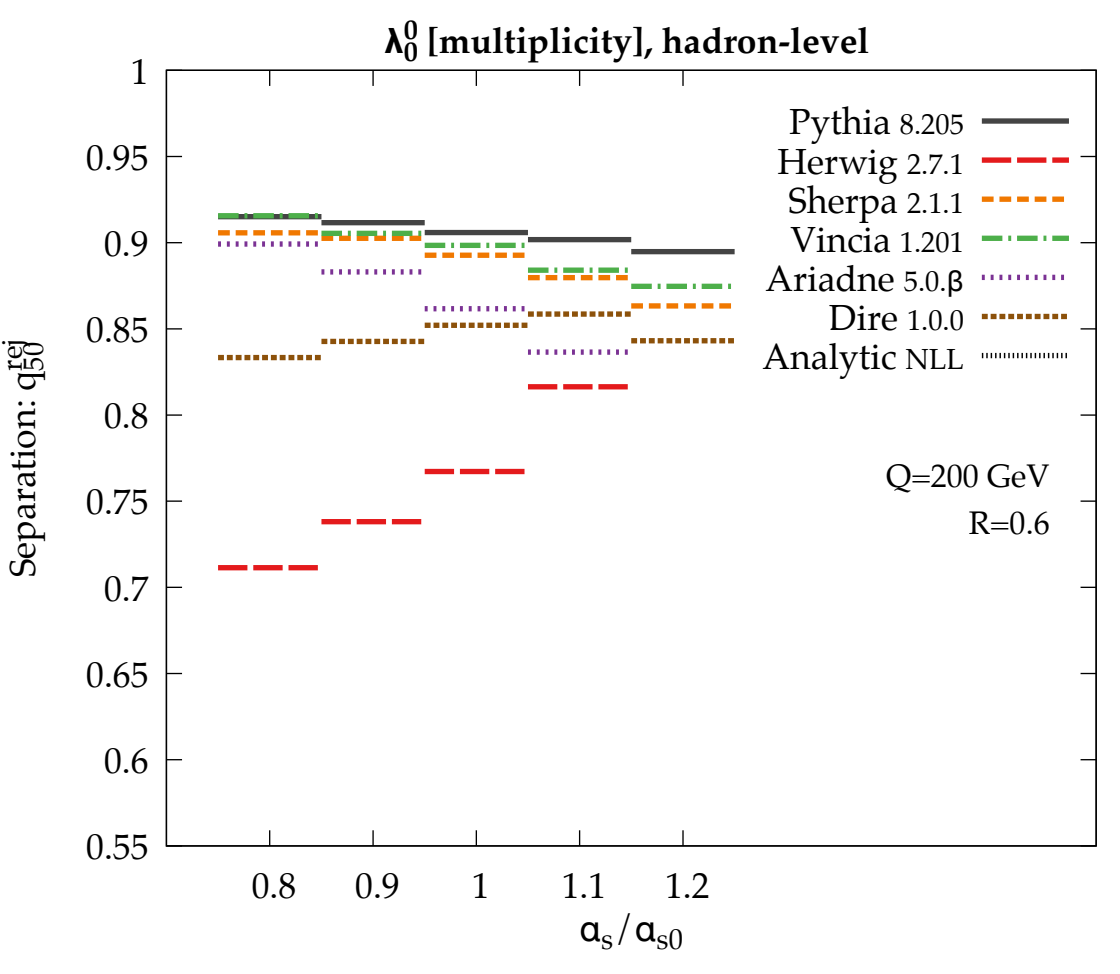

$\lambda_0^0$ [multiplicity], hadron-level
Separation: $q_{20}^{rej}$
$\alpha_s/\alpha_{s0}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

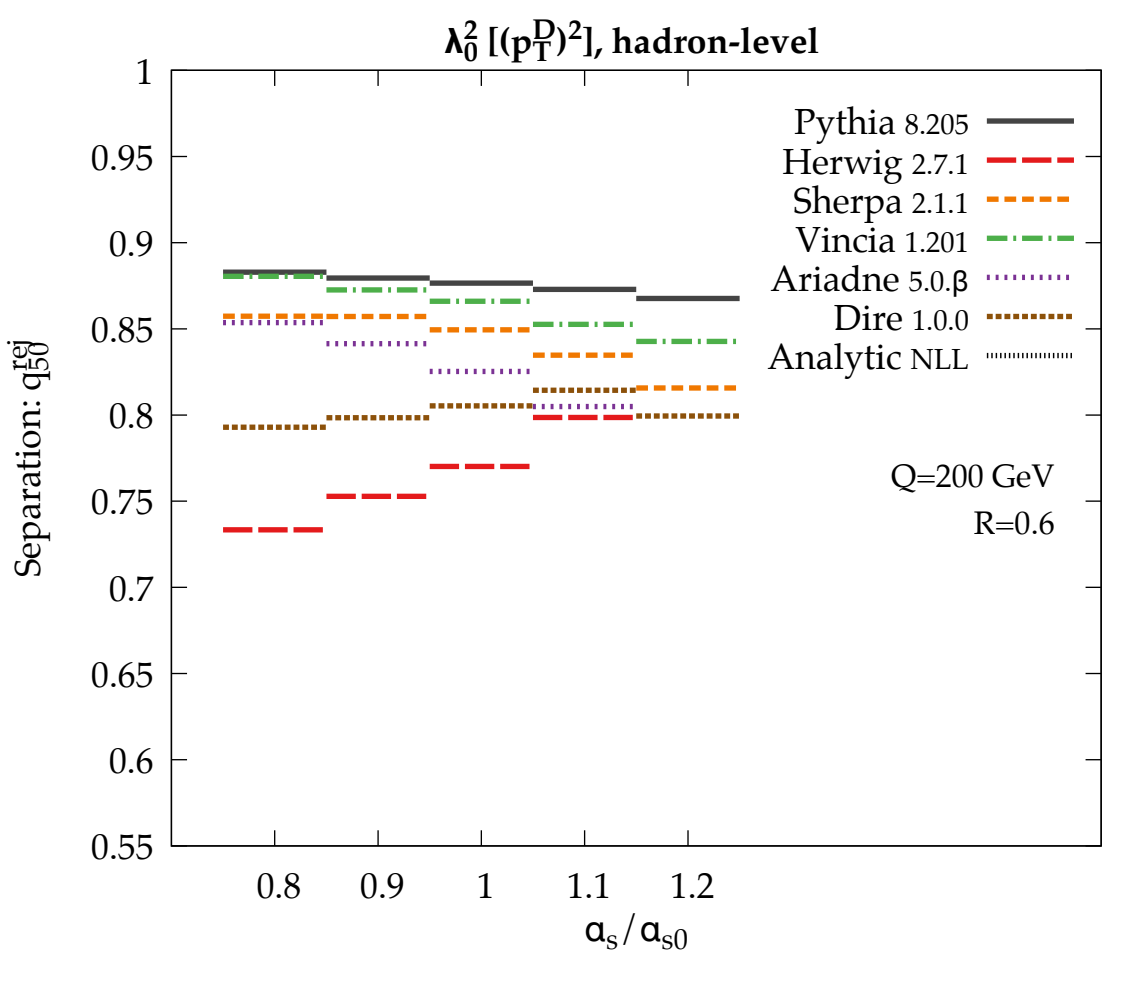

$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: $q_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

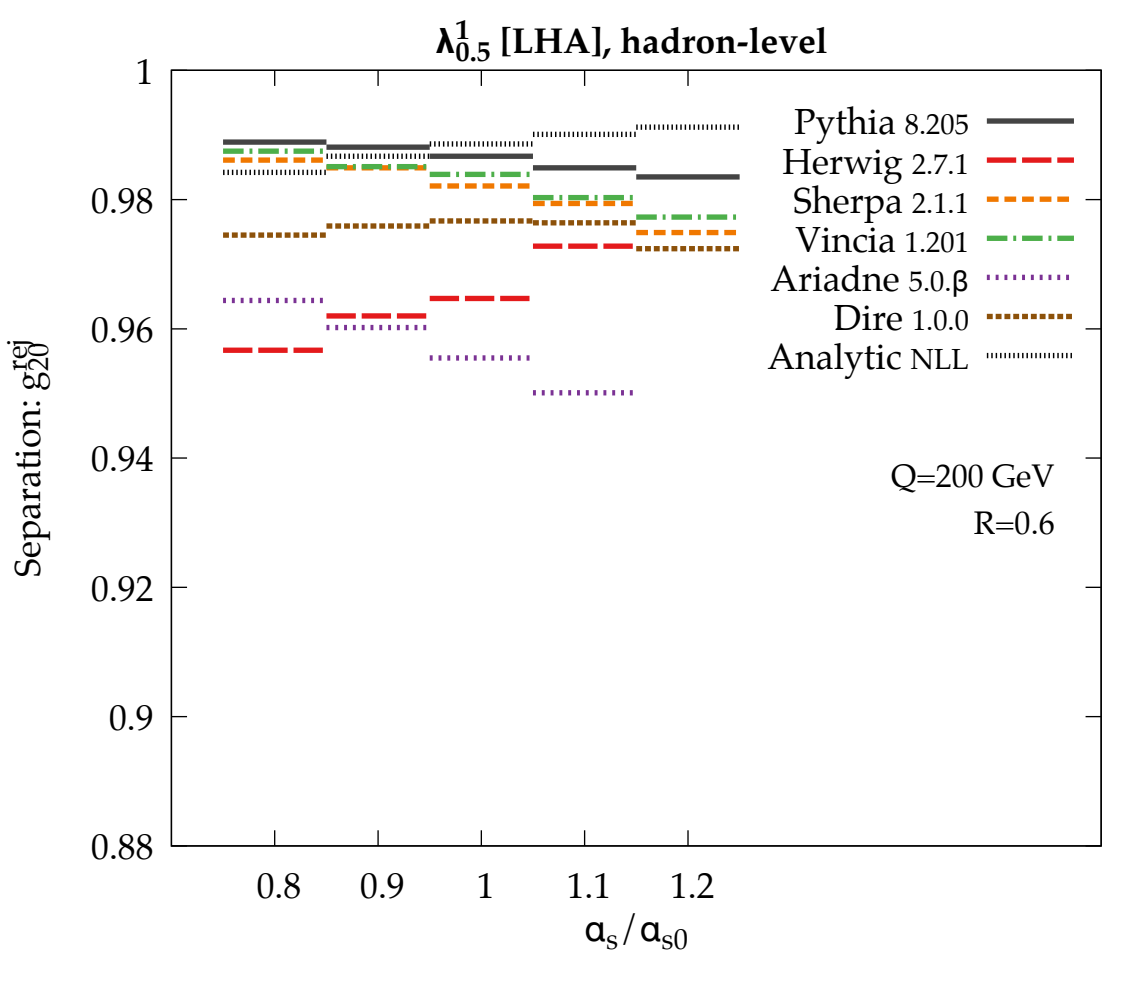

$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $q_{50}^{rej}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

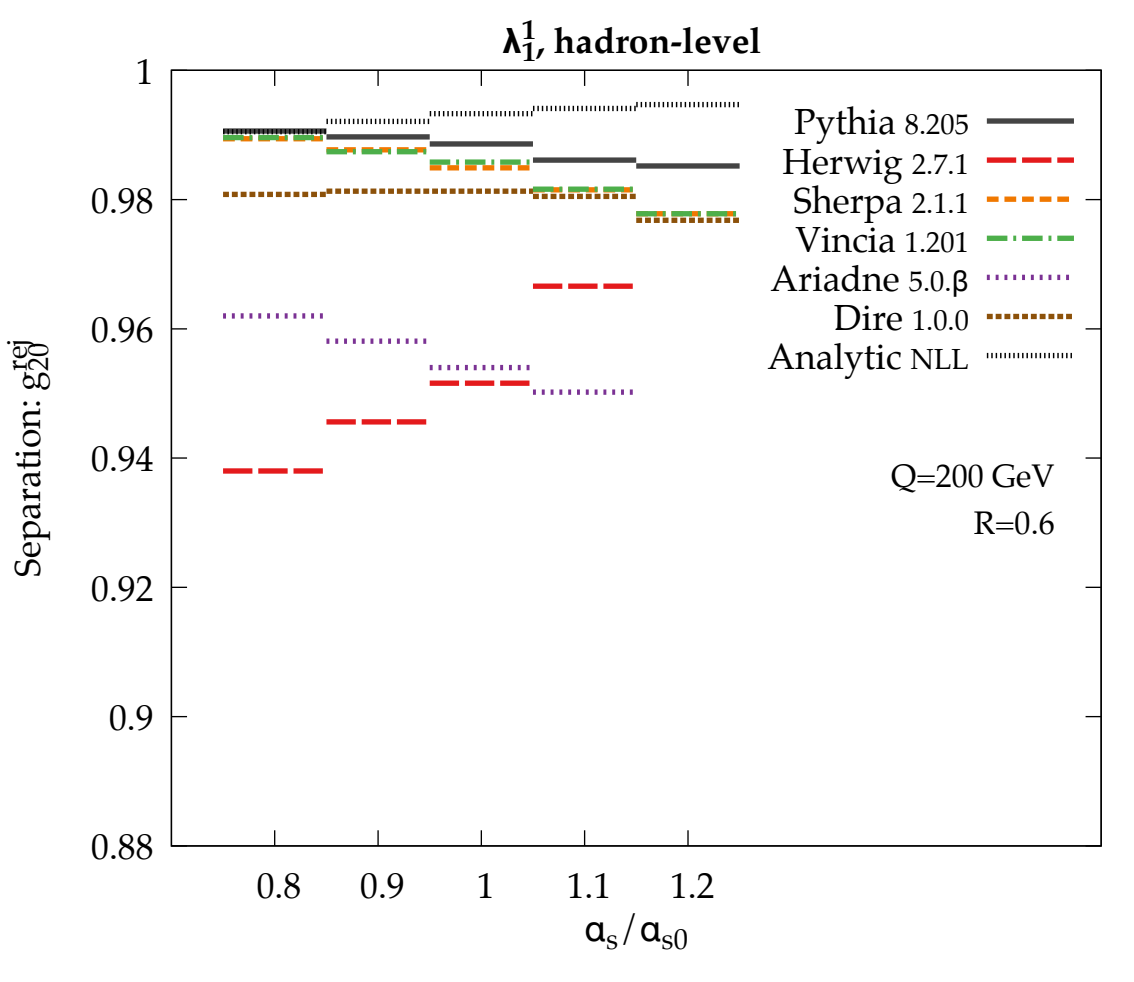

$\lambda_1^1$, hadron-level
Separation: $q_{50}^{ej}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

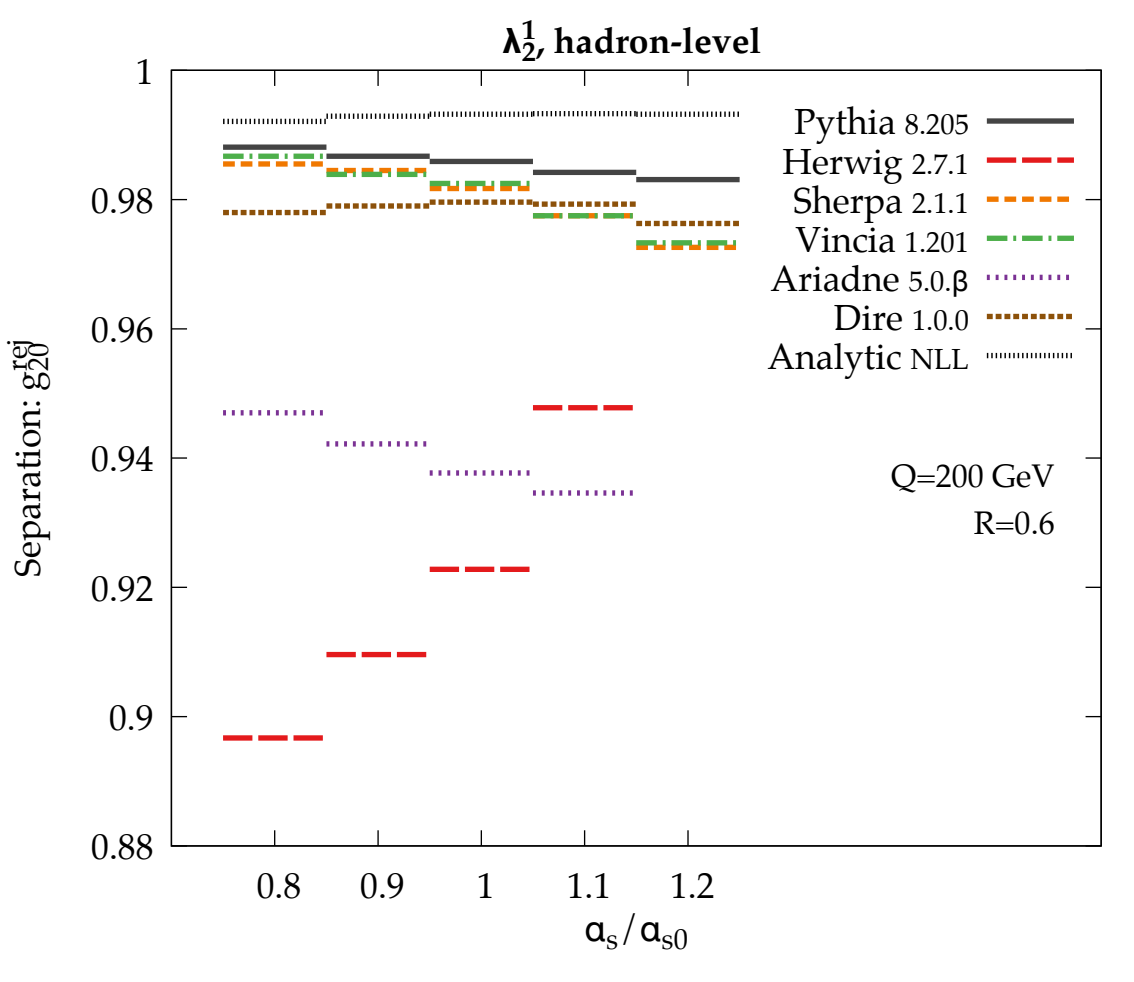

$\lambda_2^1$, hadron-level
Separation: $q_{50}^{rej}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

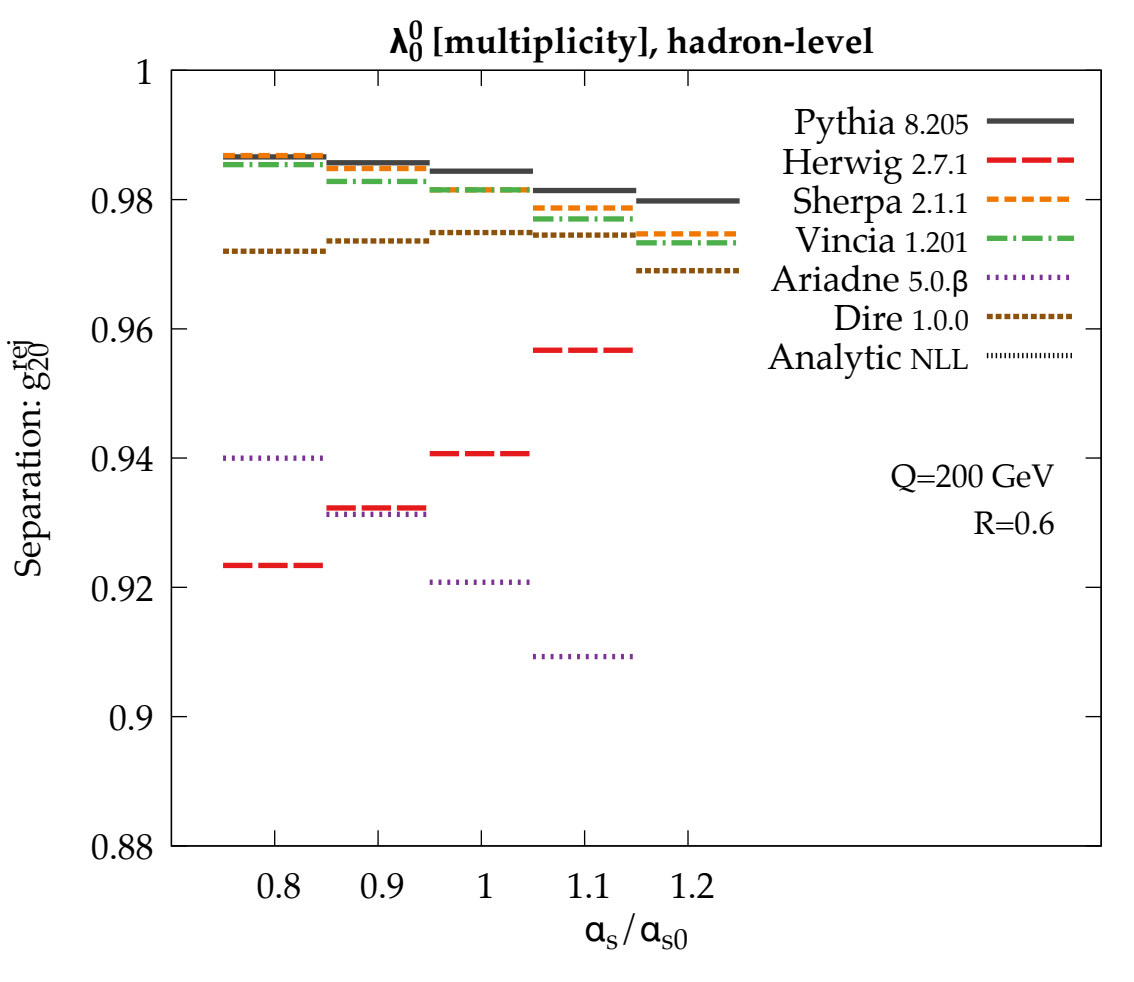

$\lambda_0^0$ [multiplicity], hadron-level
Separation: $q_{50}^{rej}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

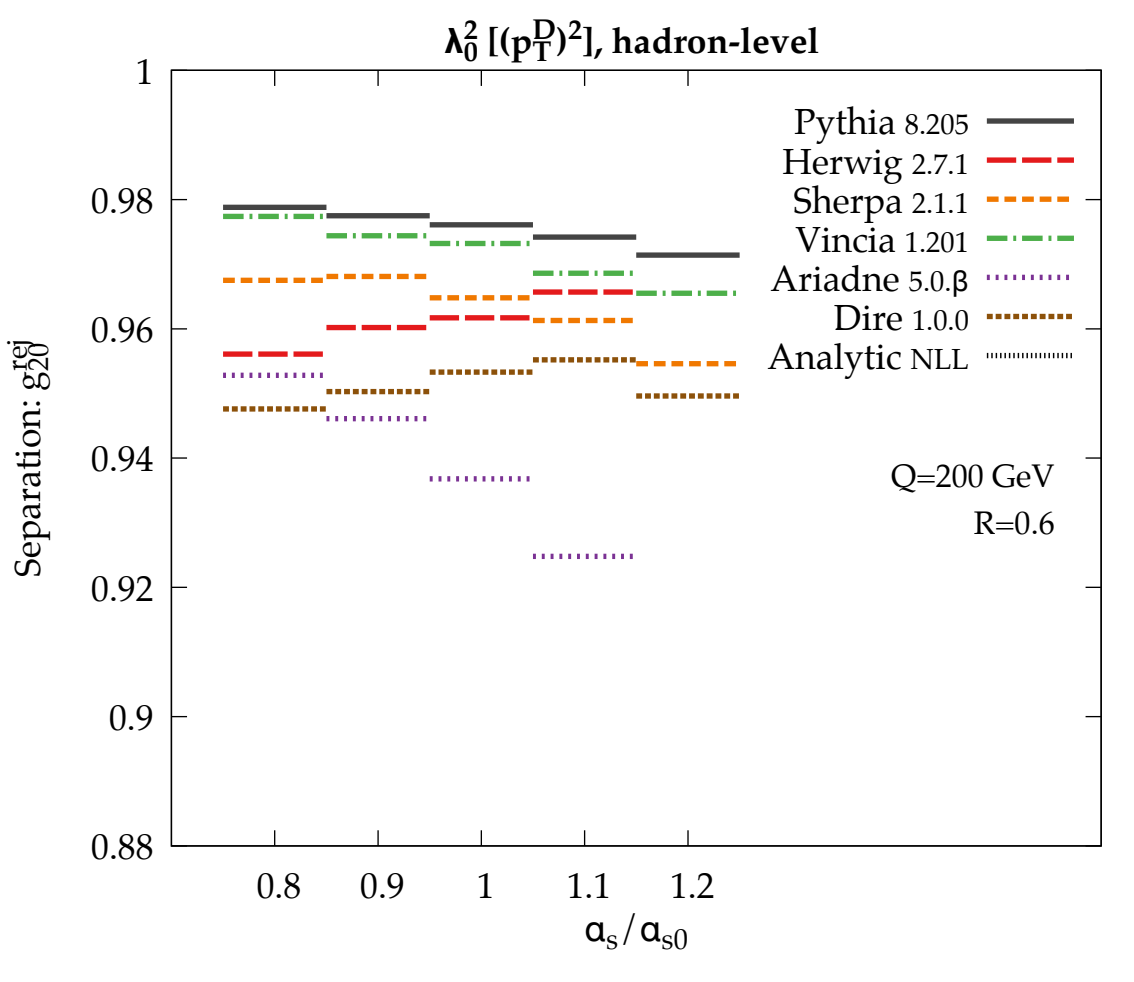

$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: $q_{50}^{rej}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

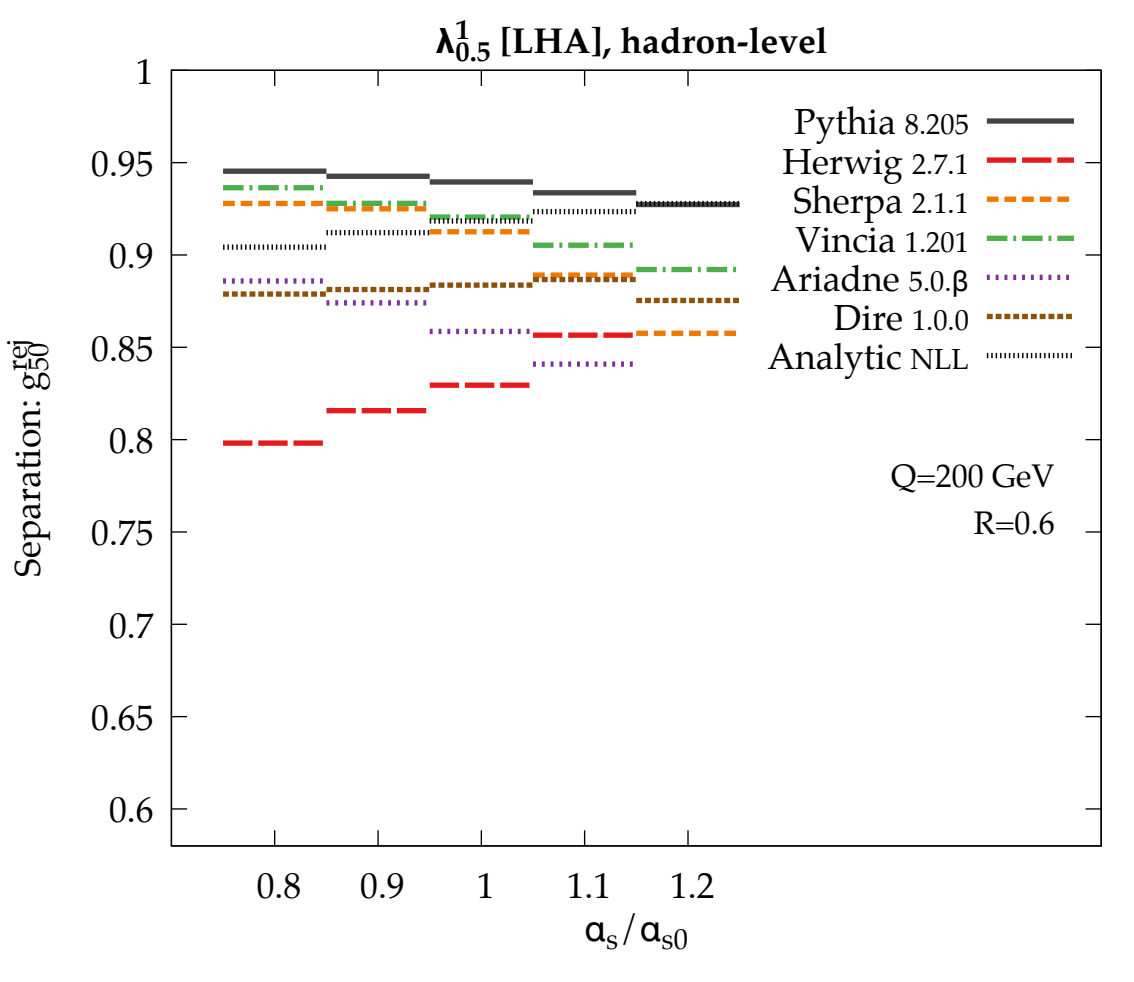

$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $g^{rej}_{20}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

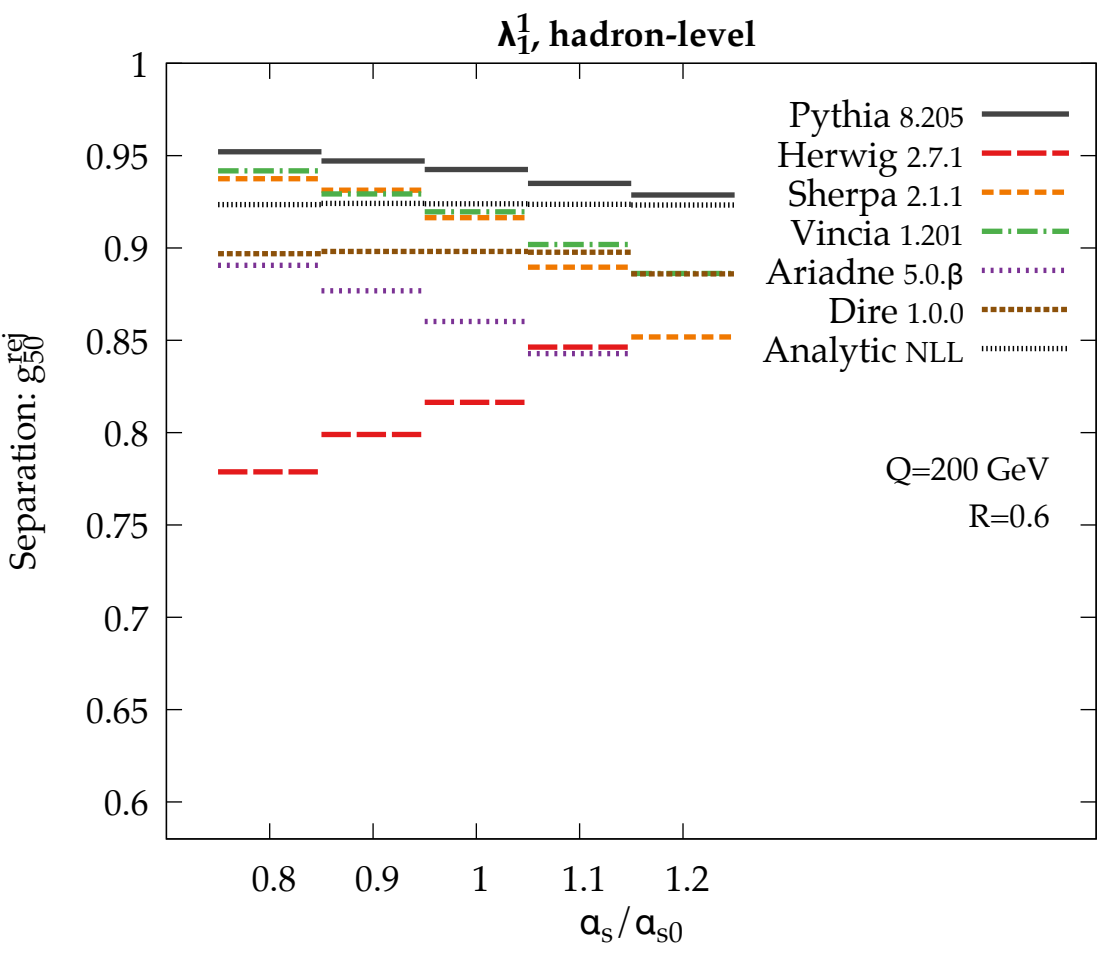

$\lambda_1^1$, hadron-level
Separation: $g_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6

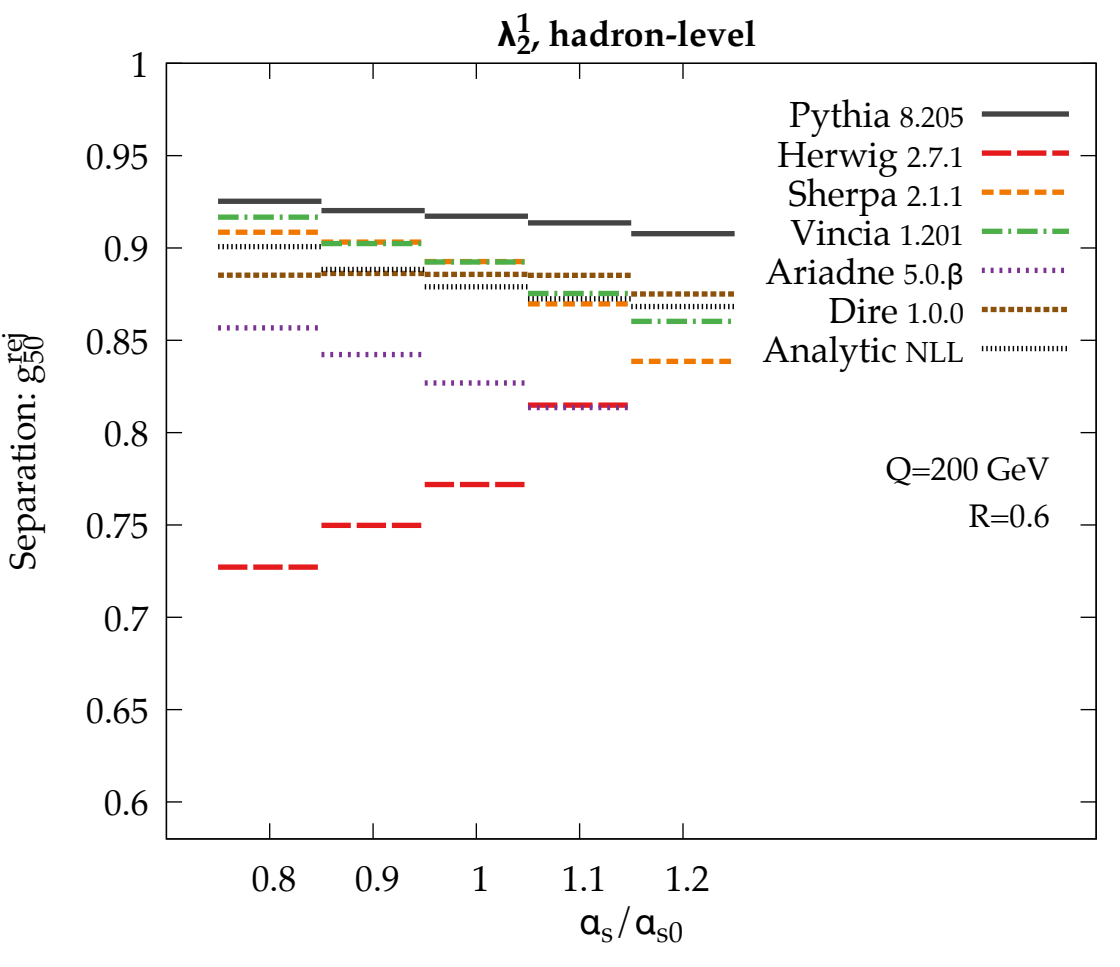

$\lambda_2^1$, hadron-level
Separation: $g_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_0^0$ [multiplicity], hadron-level
Separation: $g_{20}^{rej}$
$\alpha_s/\alpha_{s0}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: $g_{20}^{rej}$
1
0.98
0.96
0.94
0.92
0.9
0.88
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $g^{rej}_{50}$
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2


$\lambda_1^1$, hadron-level
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6
Separation: $g_{50}^{rej}$
$\alpha_s/\alpha_{s0}$
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2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Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6
Separation: $g_{50}^{rej}$
$\alpha_s/\alpha_{s0}$
1
0.95
0.9
0.85
0.8
0.75
0.7
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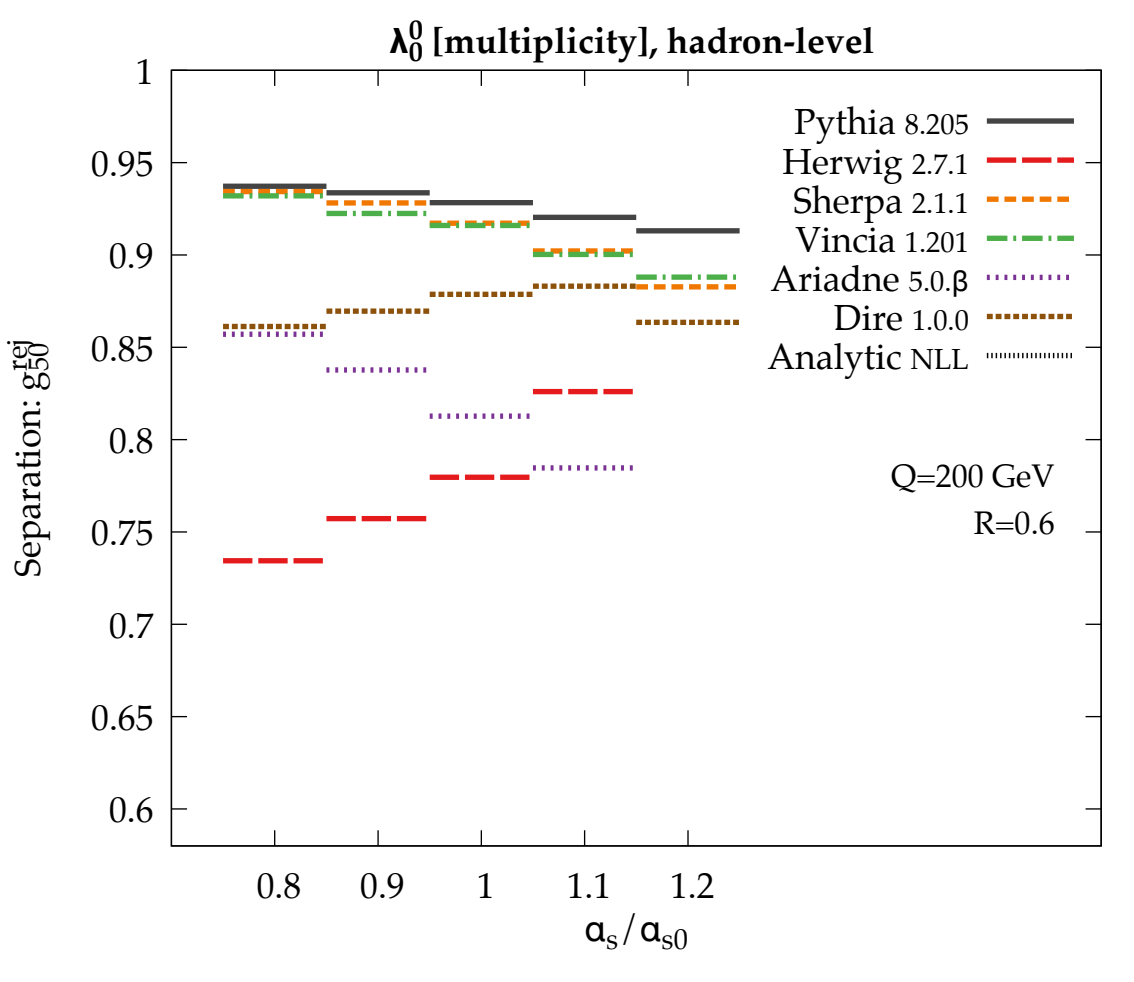
0.8
0.9
1
1.1
1.2


$\lambda_0^0$ [multiplicity], hadron-level
Separation: $g_{50}^{rej}$
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6
1
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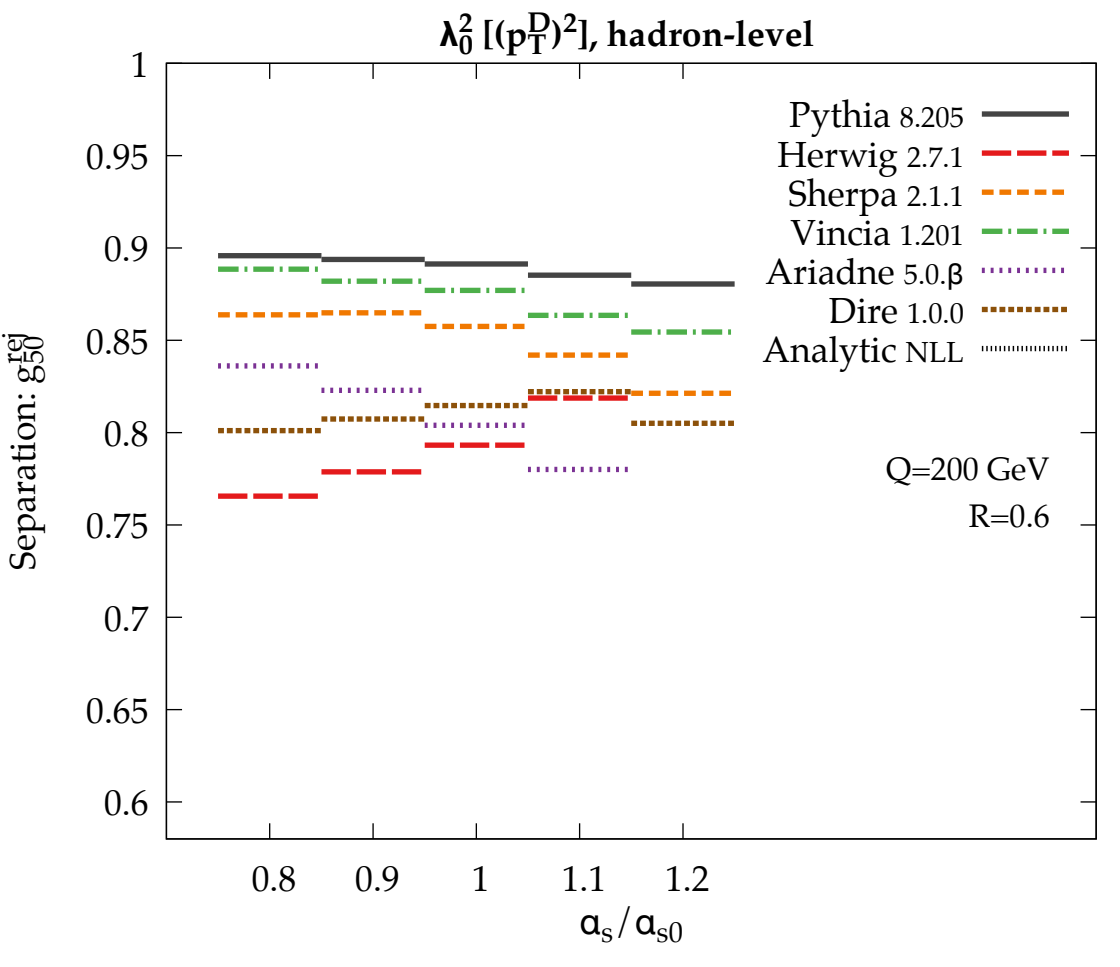
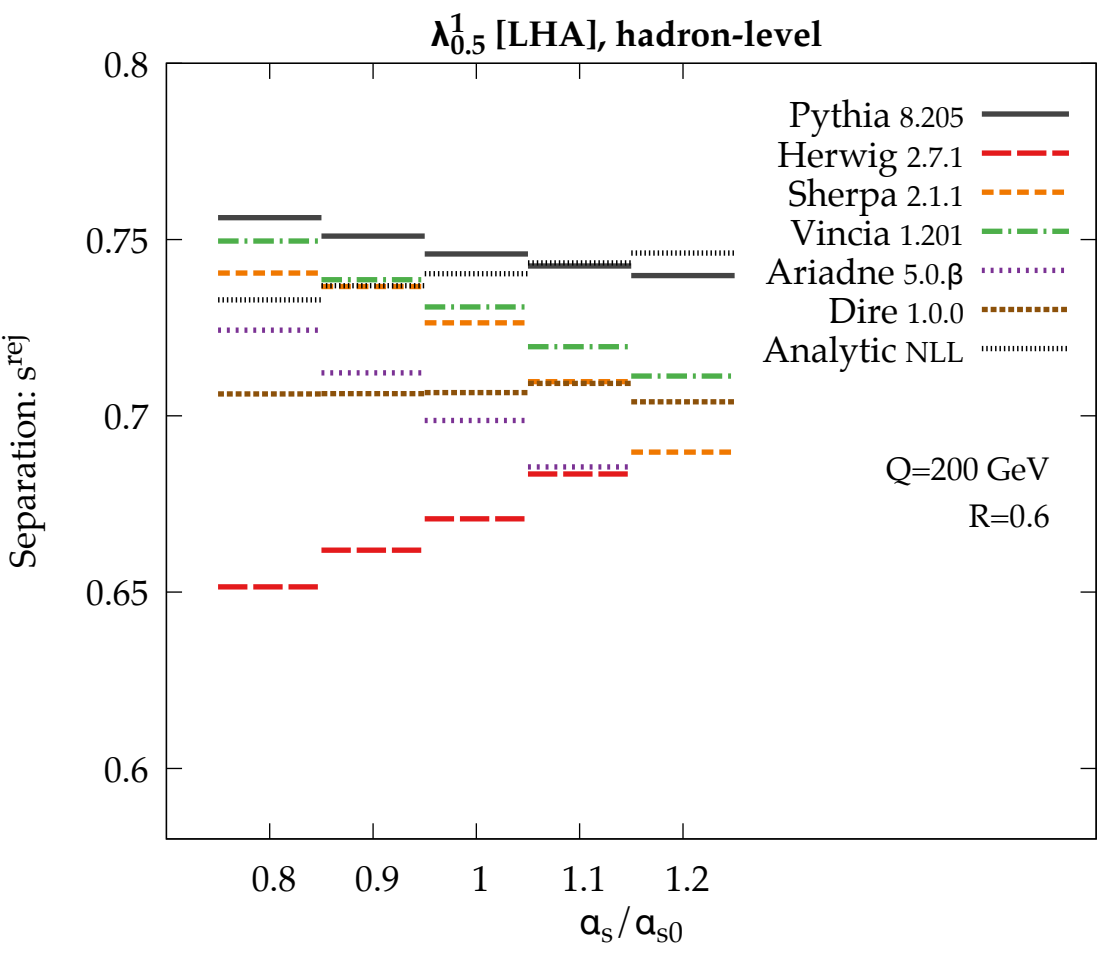
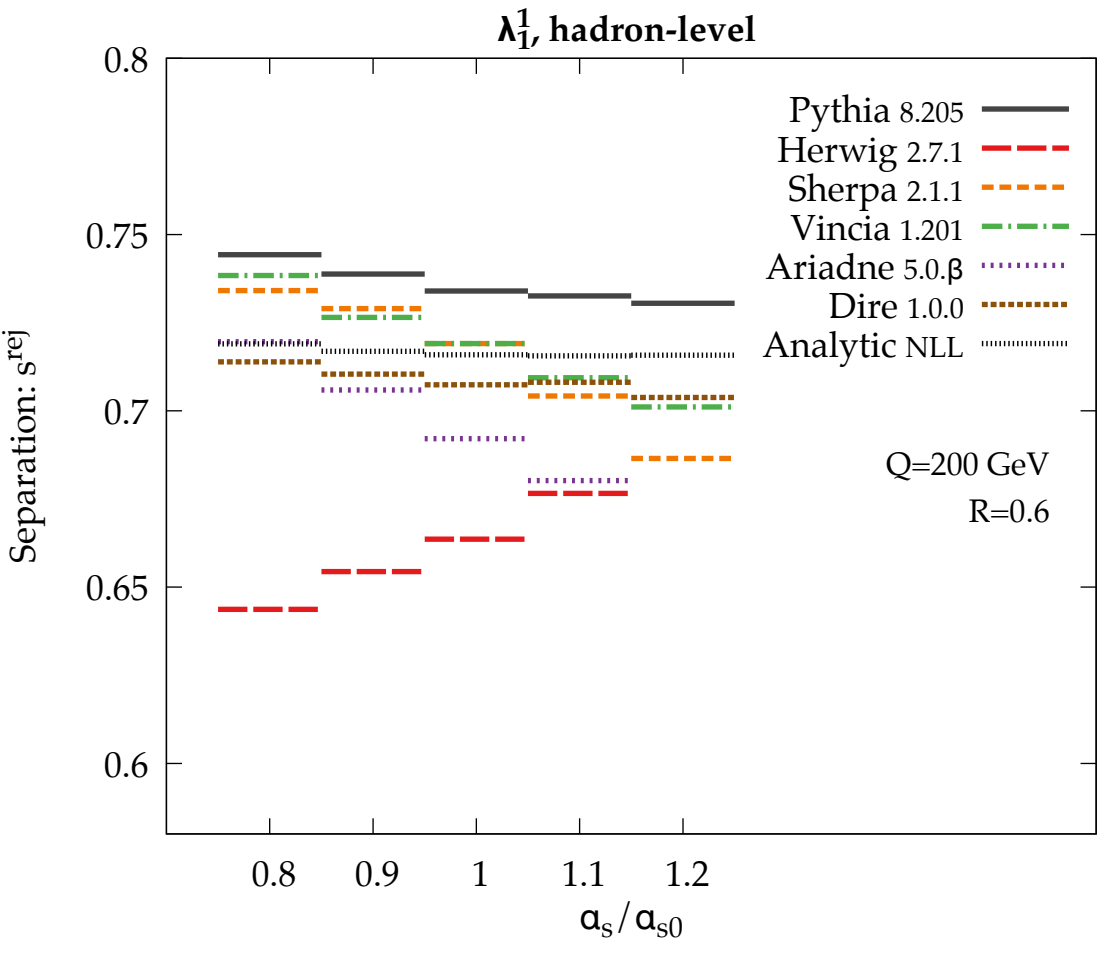
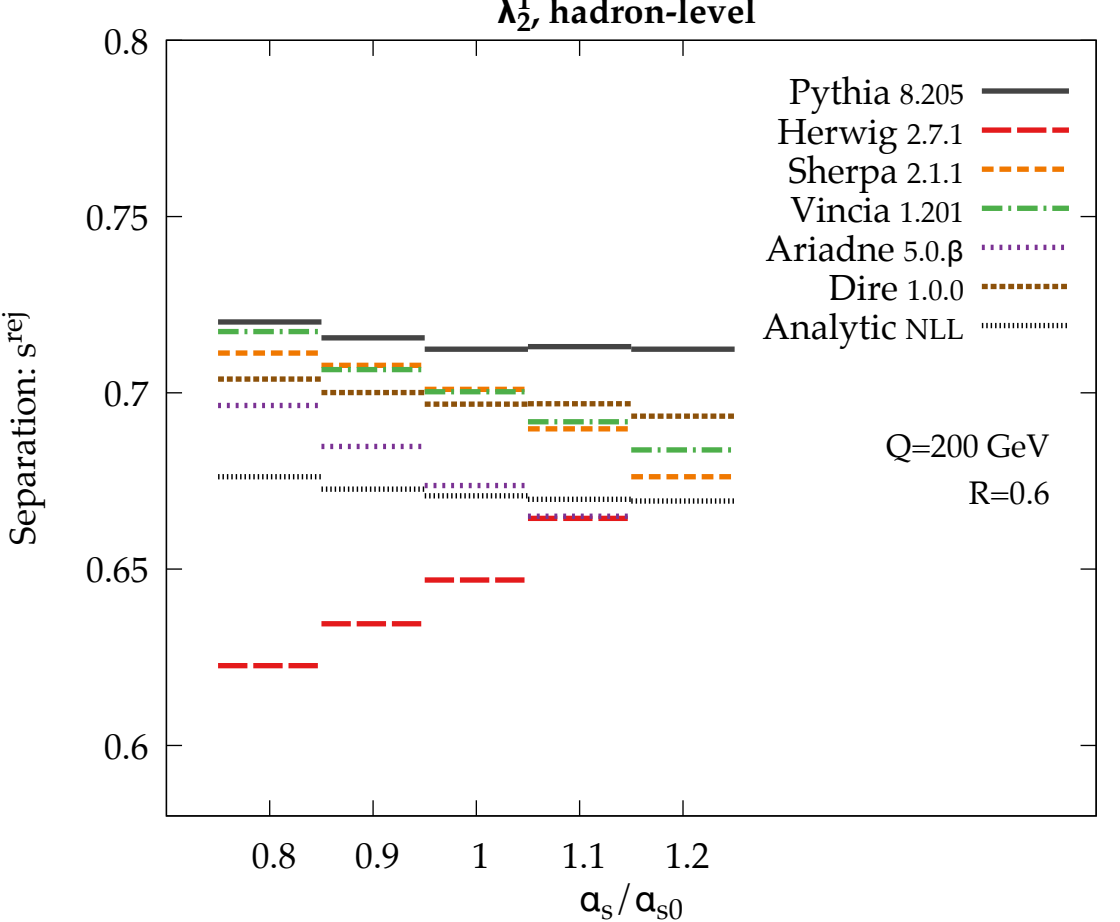
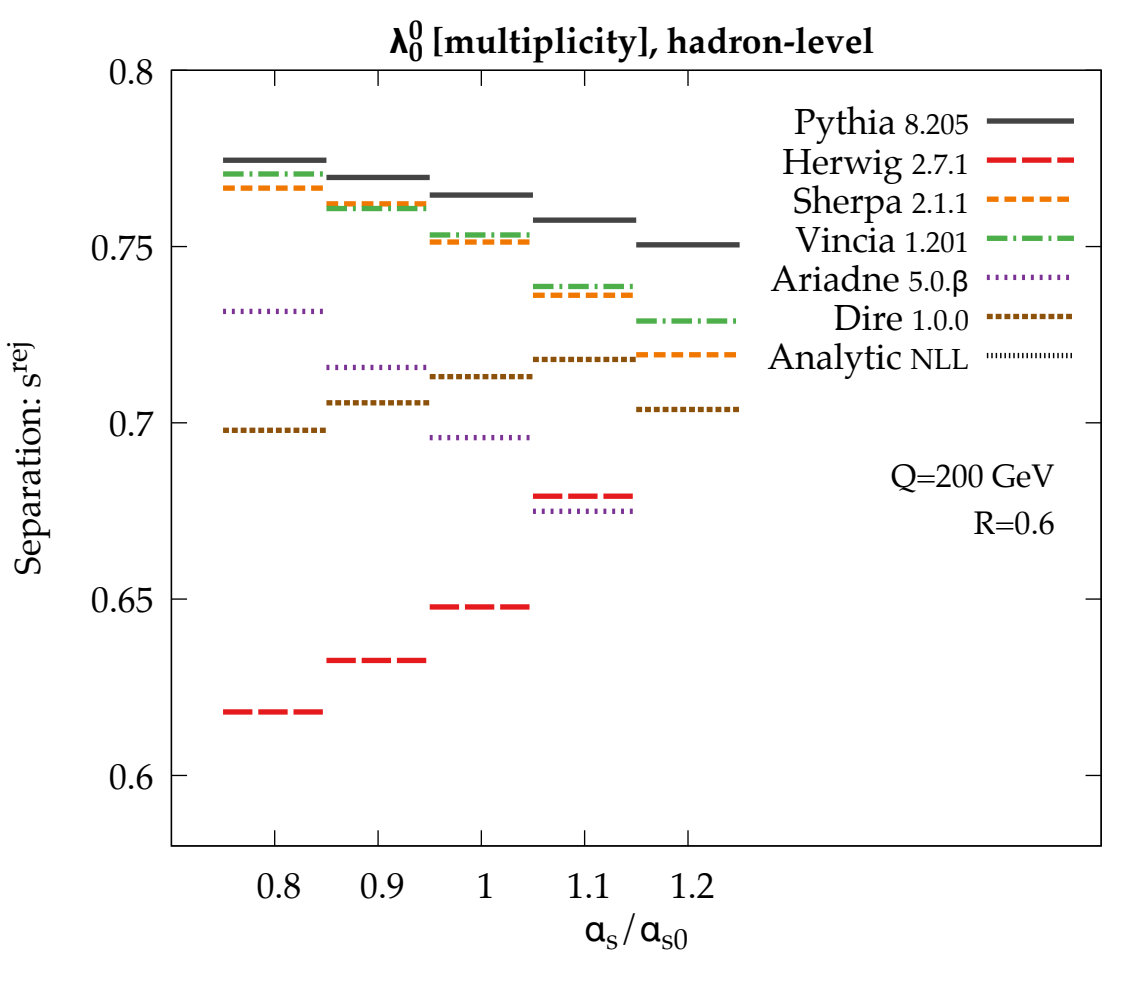
1.2

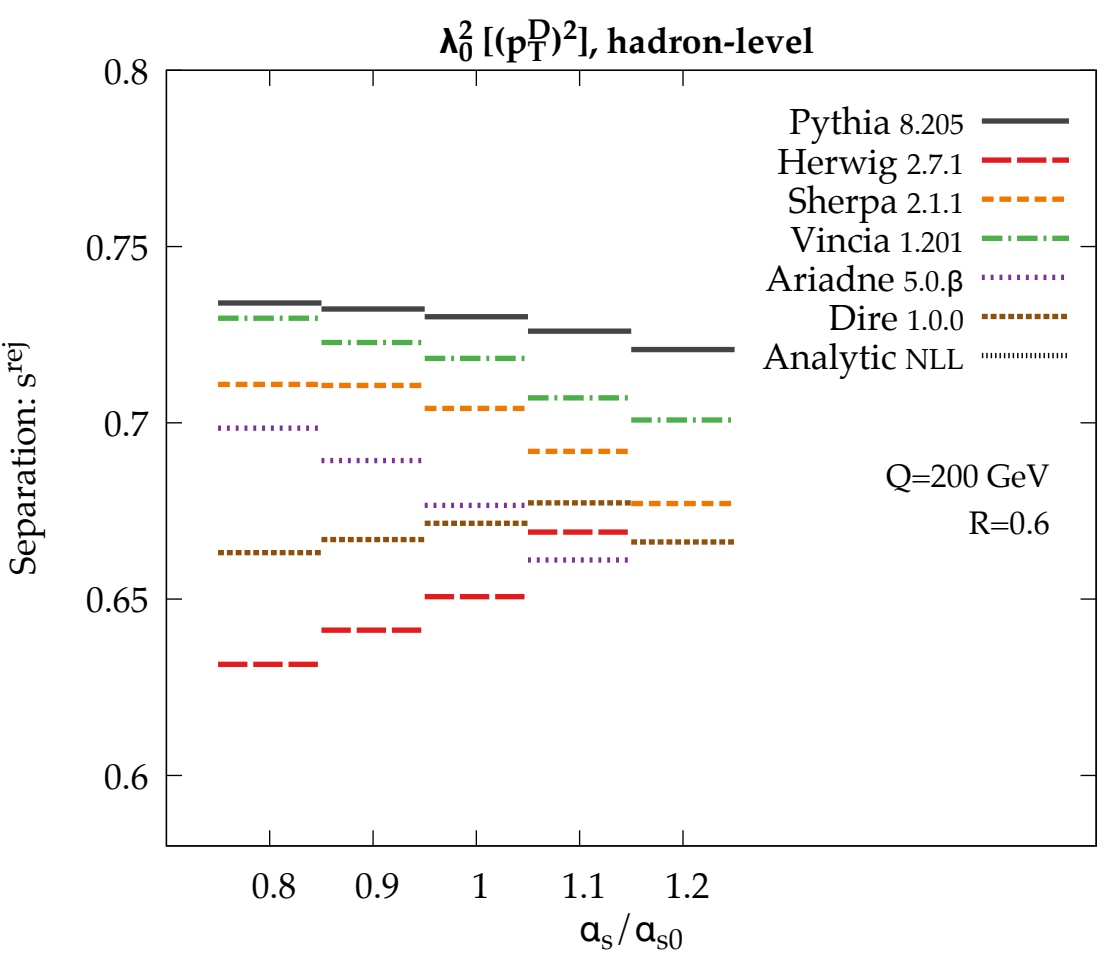

$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
Separation: $g_{50}^{rej}$
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2


$\lambda^1_{0.5}$ [LHA], hadron-level
Separation: $s^{rej}$
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_1^1$, hadron-level
0.8
0.75
0.7
0.65
0.6
Separation: $s^{rej}$
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_2^1$, hadron-level
Separation: $s^{rej}$
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_0^0$ [multiplicity], hadron-level
Separation: $s^{rej}$
0.8
0.75
0.7
0.65
0.6
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6


$\lambda_0^2$ [$(p_T^D)^2$], hadron-level
0.8
0.75
0.7
0.65
0.6
Separation: $s^{rej}$
0.8
0.9
1
1.1
1.2
$\alpha_s/\alpha_{s0}$
Pythia 8.205
Herwig 2.7.1
Sherpa 2.1.1
Vincia 1.201
Ariadne 5.0.β
Dire 1.0.0
Analytic NLL
Q=200 GeV
R=0.6