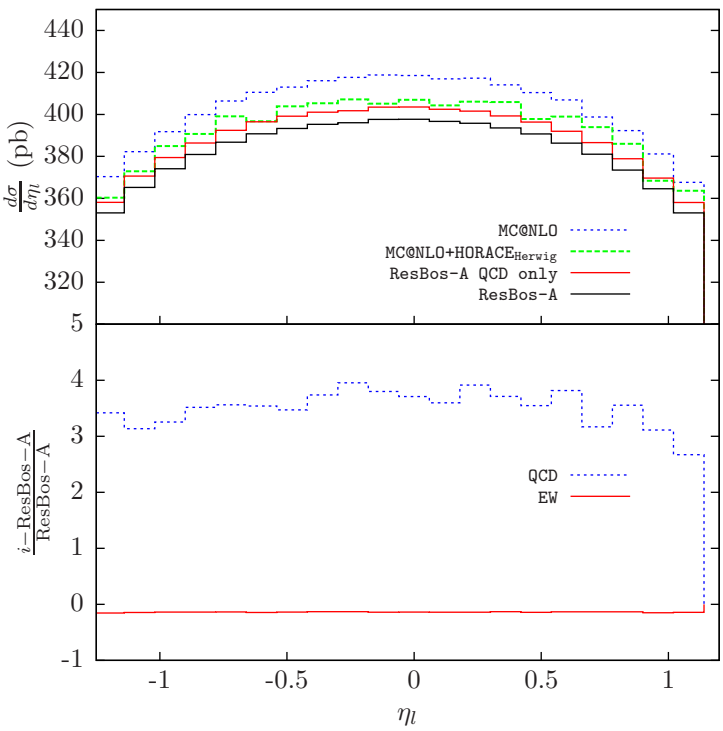
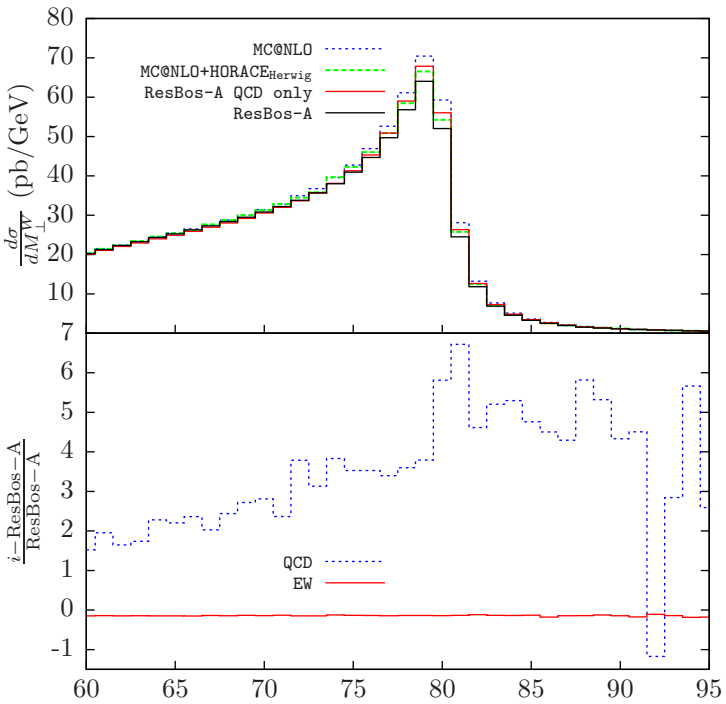
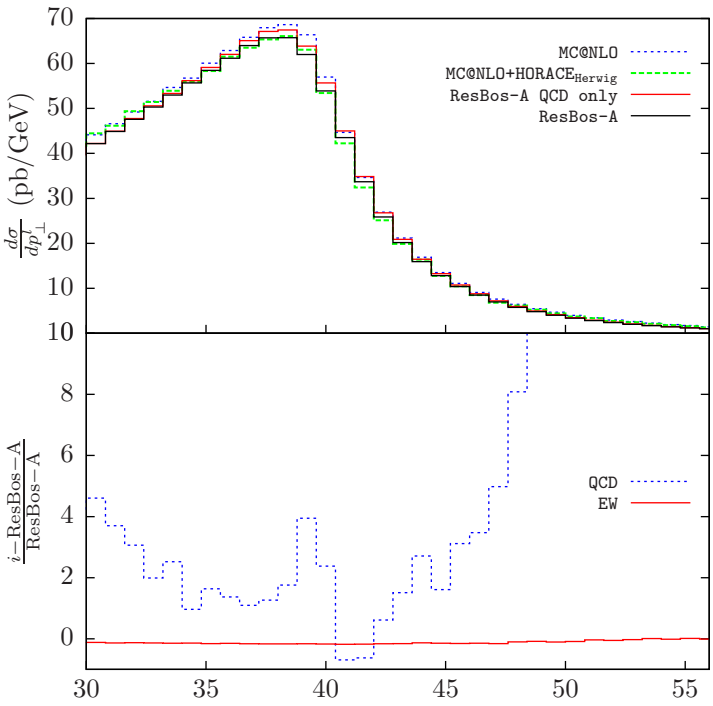
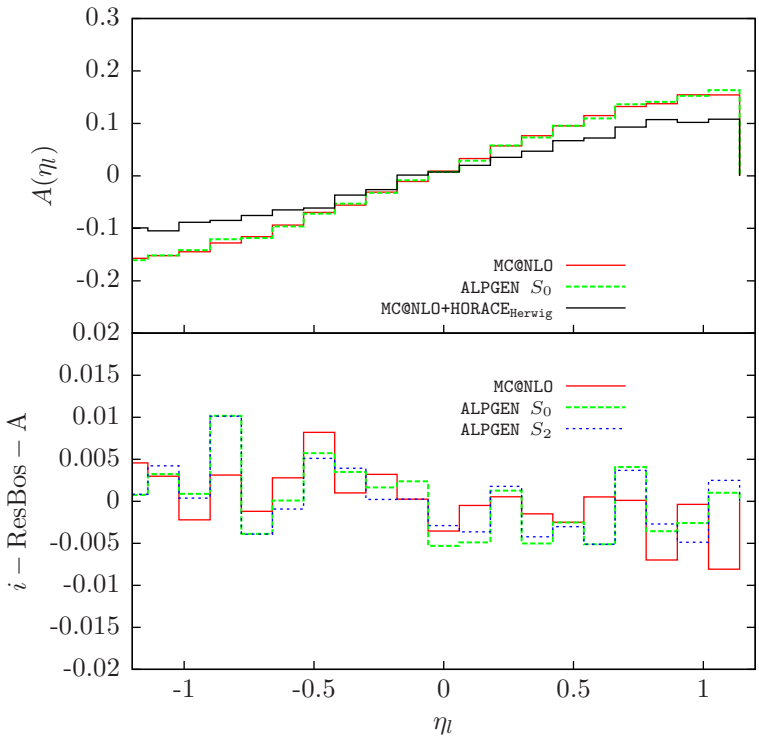
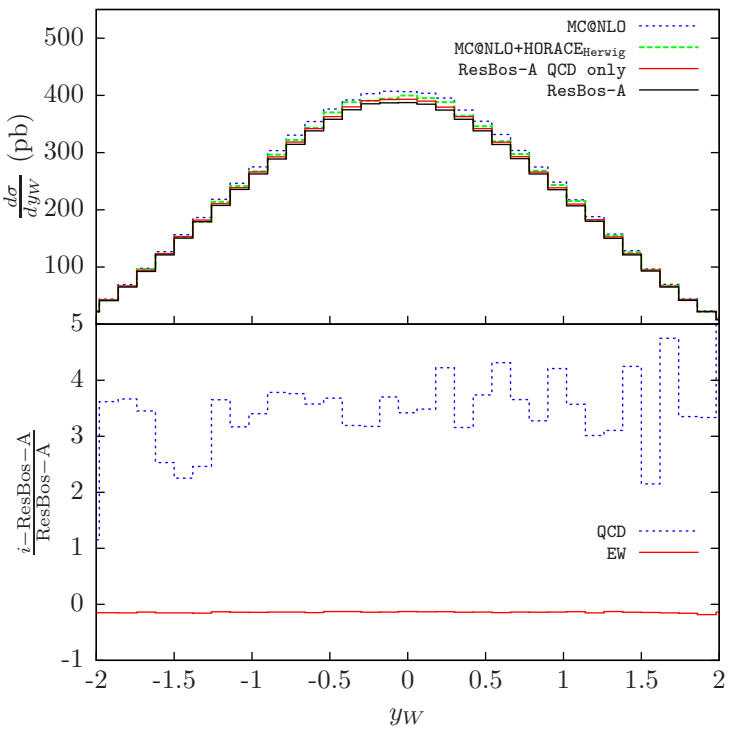
arXiv:0907.0276v1 [hep-ph] 2 Jul 2009 fig




MC@NLO
MC@NLO+HORACE$_{\text{Herwig}}$
ResBos-A QCD only
ResBos-A
$\frac{d\sigma}{dM_T^W}$ (pb/GeV)
$\frac{i-\text{ResBos}-\text{A}}{\text{ResBos}-\text{A}}$
QCD
EW


MC@NLO
MC@NLO+HORACE$_{\text{Herwig}}$
ResBos-A QCD only
ResBos-A
$\frac{d\sigma}{dp_T^\gamma}$ (pb/GeV)
$\frac{i-\text{ResBos}-\text{A}}{\text{ResBos}-\text{A}}$
QCD
EW


0.3
0.2
0.1
0
-0.1
-0.2
0.02
$A(\eta_l)$
MC@NLO
ALPGEN S_0
MC@NLO+HORACE$_{\text{Herwig}}$
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
i – ResBos – A
MC@NLO
ALPGEN S_0
ALPGEN S_2
-1
-0.5
0
0.5
1
η_l


MC@NLO
MC@NLO+HORACE$_{\text{Herwig}}$
ResBos-A QCD only
ResBos-A
$\frac{d\sigma}{dy_W}$ (pb)
500
400
300
200
100
5
$\frac{i-\text{ResBos}-\text{A}}{\text{ResBos}-\text{A}}$
4
3
2
1
0
-1
QCD
EW
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
y_W