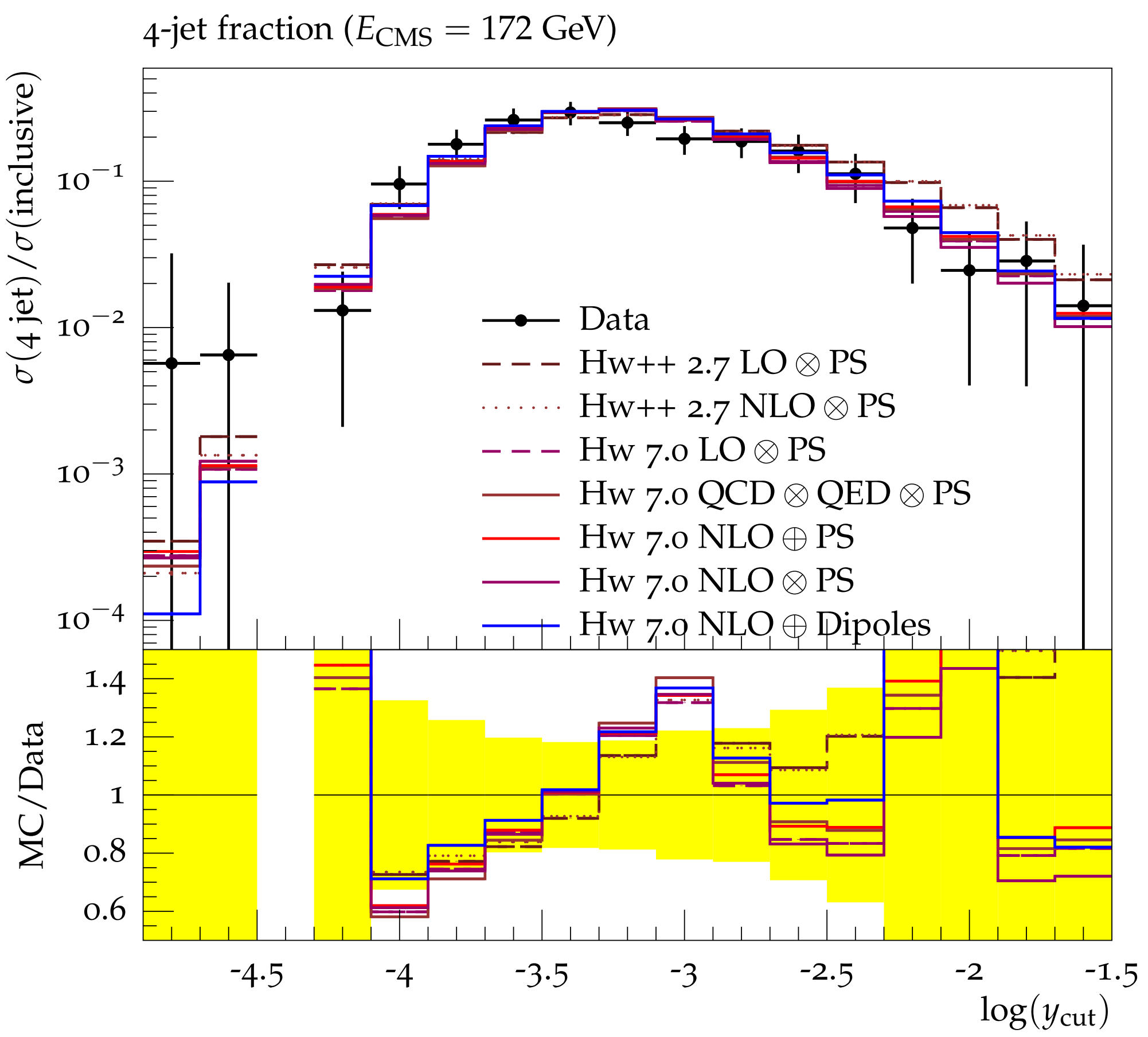
4-jet fraction ($E_{\mathrm{CMS}} = 172$ GeV)
$\sigma(4\,\mathrm{jet})/\sigma(\mathrm{inclusive})$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
Data
Hw++ 2.7 LO ⊗ PS
Hw++ 2.7 NLO ⊗ PS
Hw 7.0 LO ⊗ PS
Hw 7.0 QCD ⊗ QED ⊗ PS
Hw 7.0 NLO ⊕ PS
Hw 7.0 NLO ⊗ PS
Hw 7.0 NLO ⊕ Dipoles
MC/Data
1.4
1.2
1
0.8
0.6
-4.5
-4
-3.5
-3
-2.5
-2
-1.5
$\log(y_{\mathrm{cut}})$