Final Choice - 10 July 2003, $pp@\sqrt{s} = 14$ TeV		
Parameter	Value	Comment
EW parameters in the G_μ scheme		
G_F	1.16639×10^{-5}	input (PDG value)
α_{EM}	1/132.51	calculated
$\sin^2\theta_w$	0.2222	calculated
M_W	80.419 GeV	input (PDG value)
M_Z	91.188 GeV	input (PDG value)
m_H	120 GeV	free parameter
QCD parameters		
PDF set	CTEQ6L1	`http://www.phys.psu.edu/~cteq/`
α_S	0.130	fixed
$\mu_F = \mu_R$	M_Z	
jet or initial parton= g,u,d,s,c		
Non-zero Fermion masses		
m_t	174.3 GeV	pole mass (= $\overline{MS}$ mass)
m_b	4.7 GeV	pole mass (= $\overline{MS}$ mass)
m_τ	1.777 GeV	
Yukawa couplings are directly calculated from values above (no evolution)		
CKM matrix		
$V_{ud} = V_{cs}$	0.975	$V_{us} = V_{cd} = \sqrt{1 - V_{ud}^2}$
Widths		
Γ_W	2.048 GeV	calc. @ LO
Γ_Z	2.446 GeV	calc. @ LO
Γ_H	3.7×10^{-3} GeV	reference value
Γ_t	1.508 GeV	calc. @ LO
Γ_τ	2.36×10^{-12} GeV	PDG value
Widths of unstable particles are treated as in the "fixed-width scheme"		
Cuts		
p_i^T	> 20 GeV	minimum transverse momentum
$\lvert\eta_i\rvert$	< 2.5	maximum pseudo-rapidity
$\Delta R_{ij} = \sqrt{\Delta\phi^2 + \Delta\eta^2}$	> 0.4	minimum distance
for all final-state particles **except for** the particles i (or j) with $m_i > 3$ GeV or $i = \nu_\ell$, for which no cuts are applied		