

sys. source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Jet energy scale	+1.1 -3.1	+2.1 -2.5	+1.7 -1.1	+1.1 +1.1	+0.1 +3.0	-2.2 +1.1	-1.7 +2.3	-1.1 +0.2	-0.5 -0.1	-0.4 +0.3	-1.5 +0.3	+2.1 -0.8	-0.4 -2.8	+1.3 -0.6	+3.2 -2.8	+0.5 -4.9
Jet energy resolution	-0.8 +0.1	+1.0 +0.7	-0.3 -0.8	+0.3 +0.5	+1.0 -0.2	-0.7 -0.3	-0.2 -0.3	+0.3 +0.2	-0.6 -0.1	+0.1 -0.5	-0.3 -0.1	+2.8 +0.5	-0.4 +0.5	-0.9 +1.1	-1.1 -1.3	-3.6 +0.1
Kin. reconstruction	-0.0 +0.0	+0.0 -0.0	-0.0 +0.0	+0.0 -0.0	+0.0 -0.0	+0.0 -0.0	-0.0 +0.0	+0.0 -0.0	-0.0 +0.0	-0.0 +0.0	-0.0 +0.0	-0.0 +0.0	+0.0 -0.0	+0.0 -0.0	+0.0 -0.0	+0.0 -0.0
Pileup	+0.1 -0.0	+0.0 -0.2	+0.1 -0.2	+0.4 -0.7	+0.1 -0.1	-0.1 +0.1	+0.1 -0.0	-0.1 +0.3	-0.1 +0.0	-0.2 +0.2	+0.1 -0.1	-0.1 +0.5	-0.2 -0.0	-0.5 +0.7	+0.5 -0.7	-0.8 +0.9
Trigger	+0.2 -0.2	+0.2 -0.2	-0.1 +0.1	-0.5 +0.5	+0.2 -0.2	+0.2 -0.2	-0.0 +0.0	-0.3 +0.3	+0.1 -0.1	+0.0 -0.0	-0.1 +0.1	-0.5 +0.5	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	-0.1 +0.1
Background Z/ $\gamma^*$	+0.1 -0.1	-0.5 +0.5	-1.1 +1.1	-0.9 +1.0	+0.3 -0.3	+0.3 -0.2	+0.0 -0.1	+0.3 -0.3	+0.2 -0.2	+0.4 -0.4	+0.1 -0.0	-0.3 +0.3	+0.3 -0.3	+0.2 -0.3	+0.6 -0.6	+0.8 -0.9
Background other	+0.3 -0.3	+0.4 -0.4	+0.1 -0.1	+0.4 -0.4	-0.1 +0.1	-0.2 +0.2	-0.2 +0.3	+0.1 -0.1	-0.1 +0.1	+0.1 -0.2	-0.3 +0.3	-0.4 +0.3	+0.1 -0.1	-0.2 +0.4	-0.0 -0.0	-0.5 +0.5
b tagging	+0.7 -0.7	+1.1 -1.2	+0.6 -1.2	+0.8 -0.3	+1.2 -0.4	+0.7 -0.3	+0.3 -0.1	+0.4 -1.0	+0.6 -0.3	+0.9 -0.5	+0.1 -0.5	+0.4 -1.3	+0.4 -2.2	+0.2 -0.1	+1.5 -1.2	+0.5 -0.6
Int. luminosity	-0.0 +0.0	-0.0 +0.0	-0.4 +0.4	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	-0.1 +0.1	+0.4 -0.4	-0.2 +0.1	-0.2 +0.2	-0.3 +0.3	-0.3 +0.3	+0.1 -0.1	+0.1 -0.1	+0.2 -0.2	+0.3 -0.3
$m_t$	-2.6 +2.4	-2.2 +1.9	-2.4 +2.0	-2.8 +2.0	+0.2 +0.9	-0.2 +0.0	+0.3 +0.3	+0.9 -1.0	+1.0 -1.1	+0.5 -1.4	+1.2 -0.6	+2.1 -1.7	+2.2 -2.5	+3.3 -2.3	+3.6 -2.9	+3.2 -5.3
$\mu_f, \mu_r$	-1.7 +3.3	-1.2 +0.3	+2.0 -1.5	+2.3 -0.0	+1.3 -1.2	+0.9 -1.9	-3.1 +0.1	+3.4 +0.9	+0.6 -4.2	-0.4 -1.3	-1.2 +0.6	-4.2 +5.9	-3.2 -0.4	-1.2 +2.5	+5.3 +7.8	-7.9 -2.6
Matching threshold	+1.7 +3.0	-2.7 -1.1	-0.5 +3.4	-0.3 +1.0	-0.1 +0.5	-0.4 -0.2	+1.6 -0.2	+1.3 -2.0	+0.0 -1.2	-1.8 -0.1	+1.0 -1.3	-0.8 +2.0	-2.0 -3.1	-0.6 -0.4	+8.2 -1.1	-0.7 +1.8
PDFs	+0.1 -0.1	+0.3 -0.3	+0.7 -0.7	+0.2 -0.2	+0.1 -0.1	+0.2 -0.2	+0.3 -0.3	+0.1 -0.1	+0.2 -0.2	+0.1 -0.1	+0.5 -0.4	+0.6 -0.6	+0.1 -0.1	+0.2 -0.3	+0.3 -0.3	+1.0 -1.0
Hadronization	-3.8	+0.1	+3.3	-0.1	+3.7	-4.4	-1.3	+4.7	+0.8	-1.0	-0.9	+5.7	-2.7	-0.6	+4.7	-18.8
Hard scattering	-0.2	-1.6	-1.0	-0.0	-3.8	+0.1	-0.5	-0.2	-1.3	+1.1	+4.2	+1.9	-0.3	+1.0	+3.4	+27.9