

syst. source / bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Jet energy scale	+4.3	-0.3	-0.1	+6.4	-0.6	-2.3	-2.5	-4.5	-0.3	+1.5	-1.5	-0.5	+2.4	+0.4	-1.2	+0.5
	-1.7	-1.3	+0.3	+0.9	-0.4	+2.2	+3.1	+0.4	-0.8	+0.9	+3.4	+3.5	-1.8	-4.5	-0.6	-0.7
Jet energy resolution	+1.1	-0.7	-1.0	+2.0	-0.3	-0.2	+1.6	-1.7	-0.2	+0.4	+0.1	+2.5	+0.1	-1.3	-0.2	-1.4
	+0.1	-0.7	+0.5	-0.2	-1.7	+1.0	+1.9	-2.2	-1.6	+4.0	+0.4	+2.9	+0.4	-1.5	-1.4	+1.9
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	+0.5	-0.5	+0.5	-0.8	+0.4	-0.3	+0.0	-0.5	+0.5	-0.6	-0.6	-0.7	+0.8	-0.9	+0.1	-0.7
	-0.6	+0.5	-0.4	-0.4	-0.3	+0.4	+0.1	+0.7	-0.4	+0.5	+0.6	+0.9	-0.7	+0.6	-0.4	+0.7
Trigger	-0.0	-0.0	+0.0	-0.2	+0.1	-0.0	+0.1	+0.2	-0.1	-0.1	-0.1	-0.1	+0.0	+0.1	-0.0	-0.0
	+0.0	+0.0	-0.0	+0.2	-0.1	+0.0	-0.1	-0.2	+0.1	+0.1	+0.1	+0.1	-0.0	-0.1	-0.0	+0.1
Background Z/ $\gamma^*$	-0.8	-0.2	+0.6	-2.1	+0.1	+0.1	+0.1	+0.1	+0.3	-0.1	-0.1	+0.5	+0.2	+0.3	+0.4	+0.3
	+0.8	+0.2	-0.6	+2.4	-0.1	-0.2	-0.1	-0.2	-0.3	+0.1	+0.0	-0.6	-0.3	-0.3	-0.4	-0.3
Background other	+0.0	+0.5	+0.8	-0.6	-0.2	-0.1	+0.1	-0.5	-0.1	-0.1	-0.4	-1.1	-0.1	+1.0	+0.1	-1.4
	-0.0	-0.5	-0.8	+0.7	+0.2	+0.2	-0.1	+0.4	+0.0	+0.1	+0.4	+1.1	+0.1	-1.0	-0.2	+1.4
b tagging	+0.5	+0.4	+0.8	+2.6	+0.8	+0.1	+0.6	+1.1	+1.4	+0.3	+0.9	+1.1	+0.5	+0.4	+0.9	+0.1
	-0.5	-0.6	-1.9	-2.4	-0.3	-0.5	-0.8	-0.0	-0.3	-0.8	-0.7	-2.3	-0.0	-1.4	-1.6	-0.6
Int. luminosity	-0.0	-0.1	+0.1	-0.4	+0.2	+0.0	+0.1	+0.1	-0.2	-0.3	-0.2	-0.1	+0.2	+0.3	+0.1	-0.1
	+0.0	+0.1	-0.1	+0.4	-0.2	-0.0	-0.1	-0.1	+0.2	+0.3	+0.2	+0.1	-0.2	-0.3	-0.1	+0.1
$m_t$	-2.9	-2.6	-1.2	-1.6	+0.7	+0.3	-1.0	-1.6	+1.6	+0.6	+1.5	+1.9	+3.2	+3.3	+1.5	+1.8
	+2.3	+1.5	+2.5	+3.1	-0.4	-0.2	+1.8	+0.4	-1.4	-0.9	-2.2	-0.5	-3.3	-2.7	-1.6	-0.8
$\mu_t, \mu_\tau$	-1.2	-0.3	+7.0	-10.4	-2.8	+2.4	+11.6	-1.4	-8.3	+3.8	-0.4	+4.4	-4.2	+1.0	+2.6	+0.4
	+3.8	-3.8	-2.1	-1.9	+4.4	-2.3	-8.1	-0.8	+5.1	-5.0	-6.4	+3.1	+7.3	-5.2	+1.3	+5.0
Matching threshold	-1.3	+0.3	+1.7	-12.7	+0.1	-0.4	+2.4	+4.4	+1.4	-2.1	-5.1	+1.2	-0.6	-1.4	+7.2	+5.1
	+1.9	-0.3	+1.6	-0.3	+0.3	-1.5	+0.2	+1.7	+1.8	+1.1	-6.2	+1.2	+1.4	-5.8	-3.3	+3.5
PDFs	+0.2	+0.2	+0.1	+0.2	+0.2	+0.1	+0.2	+0.4	+0.1	+0.3	+0.5	+0.4	+0.4	+0.5	+0.2	+0.6
	-0.3	-0.2	-0.2	-0.2	-0.3	-0.1	-0.2	-0.4	-0.1	-0.3	-0.5	-0.4	-0.3	-0.4	-0.2	-0.6
Hadronization	+0.2	-5.0	+10.1	-3.0	+4.8	-2.5	-5.4	+2.7	+6.7	-3.3	-13.1	+0.8	-4.6	+10.1	-5.2	-10.4
Hard scattering	-0.3	-2.7	-2.1	-1.5	-1.4	-3.2	+4.1	-4.2	+2.1	+3.5	+4.2	-0.3	+2.5	-1.1	+4.4	+12.8