

ABCD electron	100.0	-19.2	3.3	-4.1	1.3	2.3	4.0	-6.9	8.1	6.3	0.0	-9.2
ABCD muon	-19.2	100.0	8.9	-8.2	1.6	4.2	7.4	-13.2	18.7	12.1	-6.4	-17.2
FSR	3.3	8.9	100.0	1.8	5.5	-1.8	-6.9	12.6	31.5	9.2	20.1	25.8
ISR	-4.1	-8.2	1.8	100.0	-20.0	16.0	-8.3	1.0	-2.4	4.5	5.0	-8.6
JET_Flavor_Composition	1.3	1.6	5.5	-20.0	100.0	27.2	-38.5	-1.4	-14.6	-3.1	10.2	-2.2
JET_Flavor_Response	2.3	4.2	-1.8	16.0	27.2	100.0	20.4	-0.2	2.5	-1.0	1.9	0.0
JET_Pileup_RhoTopology	4.0	7.4	-6.9	-8.3	-38.5	20.4	100.0	1.1	-6.6	-1.3	5.7	6.8
LumiUncertainty	-6.9	-13.2	12.6	1.0	-1.4	-0.2	1.1	100.0	-8.9	-2.8	-9.7	-41.5
btag_B_0	8.1	18.7	31.5	-2.4	-14.6	2.5	-6.6	-8.9	100.0	-21.8	-1.5	-19.8
btag_B_1	6.3	12.1	9.2	4.5	-3.1	-1.0	-1.3	-2.8	-21.8	100.0	-0.8	-8.1
scale	0.0	-6.4	20.1	5.0	10.2	1.9	5.7	-9.7	-1.5	-0.8	100.0	-10.2
top theory Xsec	-9.2	-17.2	25.8	-8.6	-2.2	0.0	6.8	-41.5	-19.8	-8.1	-10.2	100.0
	ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_RhoTopology	LumiUncertainty	btag_B_0	btag_B_1	scale	top theory Xsec