

μ	100.0	1.1	0.8	-13.6	4.0	8.0	0.4	1.8	0.6	-4.1	-0.3	5.5	-22.5	12.0	-12.1
ABCD electron	1.1	100.0	-58.2	22.4	-1.3	0.9	1.1	10.2	5.5	13.0	10.5	-1.4	-8.5	3.4	-24.4
ABCD muon	0.8	-58.2	100.0	12.2	1.3	1.2	2.2	4.6	3.4	8.4	5.6	0.0	-4.4	3.2	-11.9
FSR	-13.6	22.4	12.2	100.0	7.3	5.8	-0.3	-6.0	-2.5	47.3	18.9	3.9	25.1	-2.6	-14.8
ISR	4.0	-1.3	1.3	7.3	100.0	-7.3	10.4	1.2	-1.7	6.6	4.3	-1.8	-3.0	30.7	-32.7
JET_Flavor_Composition	8.0	0.9	1.2	5.8	-7.3	100.0	16.5	-26.5	10.0	-11.5	-4.6	8.2	0.8	31.4	-13.4
JET_Flavor_Response	0.4	1.1	2.2	-0.3	10.4	16.5	100.0	16.6	0.6	0.2	0.9	-0.2	8.6	-21.2	7.9
JET_Pileup_RhoTopology	1.8	10.2	4.6	-6.0	1.2	-26.5	16.6	100.0	12.6	4.0	1.1	11.5	-1.5	23.1	-8.6
PRW	0.6	5.5	3.4	-2.5	-1.7	10.0	0.6	12.6	100.0	5.4	2.1	-13.1	-2.3	29.5	-0.4
btag_B_0	-4.1	13.0	8.4	47.3	6.6	-11.5	0.2	4.0	5.4	100.0	-20.1	-4.1	-10.0	16.2	-17.3
btag_B_1	-0.3	10.5	5.6	18.9	4.3	-4.6	0.9	1.1	2.1	-20.1	100.0	-2.4	-2.6	-1.9	-4.0
btag_B_3	5.5	-1.4	0.0	3.9	-1.8	8.2	-0.2	11.5	-13.1	-4.1	-2.4	100.0	-3.4	20.2	10.3
scale	-22.5	-8.5	-4.4	25.1	-3.0	0.8	8.6	-1.5	-2.3	-10.0	-2.6	-3.4	100.0	-29.5	2.8
$\bar{t}t$ ME	12.0	3.4	3.2	-2.6	30.7	31.4	-21.2	23.1	29.5	16.2	-1.9	20.2	-29.5	100.0	-28.4
$\bar{t}t$ PS	-12.1	-24.4	-11.9	-14.8	-32.7	-13.4	7.9	-8.6	-0.4	-17.3	-4.0	10.3	2.8	-28.4	100.0
μ		ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_RhoTopology	PRW	btag_B_0	btag_B_1	btag_B_3	scale	$\bar{t}t$ ME	$\bar{t}t$ PS