

Uncertainty source	$p\text{Pb}$ [%] (forward)	$p\text{Pb}$ [%] (backward)	pp [%]
Track-finding efficiency	1.5 – 5.0	1.5 – 5.0	1.6 – 5.3
Detector occupancy	0.0 – 2.8	0.6 – 2.9	0.1 – 1.6
Particle composition	0.4 – 4.1	0.4 – 4.6	0.3 – 2.4
Selection efficiency	0.7 – 2.2	0.7 – 3.0	1.0 – 1.7
Purity	0.1 – 1.8	0.1 – 11.7	0.1 – 5.8
Truth-matching	0.0 – 0.1	0.0 – 0.1	0.1 – 0.2
Luminosity	2.3	2.5	2.0
Statistical uncertainty	0.0 – 0.6	0.0 – 1.0	0.0 – 1.1
Total (in $d^2\sigma/d\eta dp_T$)	3.0 – 6.7	3.3 – 14.5	2.8 – 8.7
Total (in $R_{p\text{Pb}}$)	4.2 – 9.2	4.4 – 16.9	