

pp

PbPb

Source of systematic uncertainty [%]			0–30% Centrality		30–100% Centrality	
	$\langle x_{j\gamma} \rangle$	$R_{j\gamma}$	$\langle x_{j\gamma} \rangle$	$R_{j\gamma}$	$\langle x_{j\gamma} \rangle$	$R_{j\gamma}$
Photon energy scale	<0.5	<0.5	0.7	<0.5	<0.5	0.5
Photon isolation	0.8	0.9	0.7	1.0	0.8	0.7
Photon purity	<0.5	0.5	3.2	3.4	2.0	2.2
Electron contamination	<0.5	<0.5	0.5	0.8	<0.5	0.9
Jet energy scale	1.9	1.8	2.9	7.5	2.8	5.1
Jet energy resolution	1.1	1.3	2.3	3.8	1.0	1.5