

$\Delta\phi_{Z,\text{jet}1}$	$\frac{d\sigma}{d\Delta\phi_{Z,\text{jet}1}}$ [pb]	Tot[%]	stat [%]	JES [%]	JER [%]	Eff [%]	Lumi [%]	XSec [%]	PU [%]	LES+LER [%]	Unf sys [%]
0 – 0.1256	1.79	6.0	3.4	3.4	1.1	0.30	2.7	0.10	0.84	0.58	1.8
0.1256 – 0.2512	1.65	5.9	4.2	2.4	1.4	0.74	2.6	0.033	0.67	0.86	0.80
0.2512 – 0.3768	1.91	5.9	3.7	3.4	0.99	0.82	2.5	0.013	0.40	0.69	0.89
0.3768 – 0.5024	1.79	6.0	3.8	2.7	0.60	0.91	2.7	0.11	1.7	1.3	1.2
0.5024 – 0.628	1.98	6.0	3.5	2.9	1.2	1.4	2.6	0.042	1.1	0.59	1.9
0.628 – 0.7536	1.84	6.9	3.8	2.9	0.80	0.25	3.0	0.24	0.53	0.68	3.8
0.7536 – 0.8792	2.10	5.5	3.3	2.7	0.39	1.1	2.4	0.061	0.99	0.42	1.9
0.8792 – 1.0048	2.34	5.8	3.1	3.7	0.98	0.81	2.5	0.017	0.70	0.13	1.4
1.0048 – 1.1304	2.55	4.9	2.9	2.4	0.30	0.93	2.7	0.10	0.42	0.32	1.4
1.1304 – 1.256	2.76	5.3	2.7	2.9	0.58	0.58	2.7	0.13	0.65	0.39	1.7
1.256 – 1.3816	3.32	4.9	2.3	3.1	0.85	0.68	2.5	0.0085	0.70	0.23	0.81
1.3816 – 1.5072	3.66	4.5	2.2	2.5	0.37	0.65	2.7	0.086	0.43	0.24	1.0
1.5072 – 1.6328	4.34	4.1	1.9	2.6	0.41	0.46	2.5	0.017	0.51	0.18	0.55
1.6328 – 1.7584	5.23	4.2	1.7	2.8	0.42	0.44	2.6	0.037	0.074	0.18	0.49
1.7584 – 1.884	6.31	4.4	1.5	3.0	0.49	0.74	2.6	0.035	0.17	0.14	0.79
1.884 – 2.0096	7.58	4.0	1.3	2.6	0.26	0.67	2.5	0.0072	0.11	0.30	0.78
2.0096 – 2.1352	9.53	4.1	1.1	2.6	0.48	0.51	2.6	0.075	0.086	0.16	1.1
2.1352 – 2.2608	11.9	4.0	0.93	2.7	0.023	0.55	2.6	0.051	0.13	0.12	0.58
2.2608 – 2.3864	14.4	4.0	0.84	2.8	0.39	0.62	2.6	0.032	0.23	0.15	0.45
2.3864 – 2.512	17.0	4.0	0.75	2.9	0.19	0.54	2.6	0.037	0.21	0.21	0.30
2.512 – 2.6376	19.8	4.5	0.65	3.5	0.23	0.62	2.6	0.040	0.25	0.063	0.53
2.6376 – 2.7632	22.5	4.5	0.64	3.5	0.36	0.77	2.6	0.050	0.25	0.086	0.47
2.7632 – 2.8888	25.3	4.9	0.55	4.0	0.37	0.73	2.5	0.019	0.29	0.090	0.62
2.8888 – 3.0144	26.6	5.4	0.56	4.5	0.59	0.93	2.6	0.048	0.37	0.19	0.75
3.0144 – 3.14	27.4	5.9	0.82	5.0	0.40	1.1	2.5	0.011	0.21	0.36	0.96