

Observable	flavor	POWHEG +PYTHIA 8			POWHEG + HERWIG 7	SHERPA 2	DIRE NLO
		FSR-down	nominal	FSR-up			
$\alpha_s^{\text{FSR}}(m_Z)$		0.1224	0.1365	0.1543	0.1262	0.118	0.1201
$\lambda_1^1$ (width) ndf = 8	incl	2.2	148.6	1153.9	62.5	48.1	673.3
	bottom	2.9	225.6	1754.6	18.8	92.1	2841.6
	light	7.0	59.2	518.5	44.2	20.4	46.8
	gluon	2.9	17.6	95.7	15.4	8.1	175.3
$\varepsilon$ ndf = 6	incl	75.3	127.0	268.2	6.4	28.9	75.7
	bottom	29.0	50.6	110.0	1.9	20.5	38.6
	light	17.6	28.7	60.1	4.1	5.8	39.1
	gluon	100.9	139.0	224.2	16.2	44.2	375.0
$z_g$ ndf = 4	incl	23.1	23.4	24.3	3.1	18.9	18.9
	bottom	6.7	9.0	12.1	1.0	6.1	6.5
	light	22.9	20.0	18.3	2.6	16.3	28.4
	gluon	12.2	11.4	9.5	2.4	13.3	37.5
$\tau_{43}$ ndf = 5	incl	25.4	52.3	128.3	23.7	37.6	17.3
	bottom	22.9	50.1	133.5	16.9	40.5	4.2
	light	8.8	20.2	57.9	35.9	32.8	97.5
	gluon	4.9	8.6	16.2	5.4	6.5	39.2