CMS

13 TeV ($L \leq 138\,fb^{-1}$)
8 TeV ($L \leq 19.6\,fb^{-1}$)
7 TeV ($L \leq 5\,fb^{-1}$)
2.76 TeV ($L \leq 231\,nb^{-1}$)
Theory prediction

inclusive jet	$p_T > 133$ GeV, $\lvert\eta\rvert < 2.0$	JHEP 02 (2022) 142	13 TeV
		JHEP 03 (2017) 156	8 TeV
		PRD 87 (2013) 112002	7 TeV
		EPJC 76 (2016) 265	2.76 TeV
γ + jet	$p_T(\gamma, j) > 40$ GeV, $\lvert\eta\rvert < 2.5$	JHEP 06 (2014) 009	7 TeV
W + jets	1j $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	PRD 96 (2017) 072005	13 TeV
	2j	PRD 96 (2017) 072005	13 TeV
	3j	PRD 96 (2017) 072005	13 TeV
	4j	PRD 96 (2017) 072005	13 TeV
	5j	PRD 96 (2017) 072005	13 TeV
	6j	PRD 96 (2017) 072005	13 TeV
	1j	PRD 95 052002 (2017)	8 TeV
	2j	PRD 95 052002 (2017)	8 TeV
	3j	PRD 95 052002 (2017)	8 TeV
	4j	PRD 95 052002 (2017)	8 TeV
	5j	PRD 95 052002 (2017)	8 TeV
	7j	PRD 95 052002 (2017)	8 TeV
	1j	PLB 741 (2015) 12	7 TeV
	2j	PLB 741 (2015) 12	7 TeV
	3j	PLB 741 (2015) 12	7 TeV
	4j	PLB 741 (2015) 12	7 TeV
	5j	PLB 741 (2015) 12	7 TeV
	6j	PLB 741 (2015) 12	7 TeV
	1c $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	EPJC 84 (2024) 27	13 TeV
	1c $p_T > 25$ GeV, $\lvert\eta\rvert < 2.5$	EPJC 82 (2022) 1094	8 TeV
	1c $p_T > 25$ GeV, $\lvert\eta\rvert < 2.5$	JHEP 02 (2014) 013	7 TeV
	2b $p_T > 25$ GeV, $\lvert\eta\rvert < 2.4$	EPJC 77 (2017) 92	8 TeV
	2b $p_T > 25$ GeV, $\lvert\eta\rvert < 2.4$	PLB 735 (2014) 204	7 TeV
Z + jets	1j $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	EPJC 78 (2018) 965	13 TeV
	2j	EPJC 78 (2018) 965	13 TeV
	3j	EPJC 78 (2018) 965	13 TeV
	4j	EPJC 78 (2018) 965	13 TeV
	5j	EPJC 78 (2018) 965	13 TeV
	6j	EPJC 78 (2018) 965	13 TeV
	1j	JHEP 04 (2017) 022	8 TeV
	2j	JHEP 04 (2017) 022	8 TeV
	3j	JHEP 04 (2017) 022	8 TeV
	4j	JHEP 04 (2017) 022	8 TeV
	5j	JHEP 04 (2017) 022	8 TeV
	6j	JHEP 04 (2017) 022	8 TeV
	7j	JHEP 04 (2017) 022	8 TeV
	1j	PRD 91 (2015) 052008	7 TeV
	2j	PRD 91 (2015) 052008	7 TeV
	3j	PRD 91 (2015) 052008	7 TeV
	4j	PRD 91 (2015) 052008	7 TeV
	5j	PRD 91 (2015) 052008	7 TeV
	6j	PRD 91 (2015) 052008	7 TeV
	1c $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	JHEP 04 (2021) 109	13 TeV
	1c $p_T > 25$ GeV, $\lvert\eta\rvert < 2.5$	EPJC 78 (2018) 287	8 TeV
	1b $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	PRD 105 (2022) 092014	13 TeV
	2b	PRD 105 (2022) 092014	13 TeV
	1b $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	EPJC 77 (2017) 751	8 TeV
	2b	EPJC 77 (2017) 751	8 TeV
	1b $p_T > 25$ GeV, $\lvert\eta\rvert < 2.1$	JHEP 06 (2014) 120	7 TeV
	2b	JHEP 06 (2014) 120	7 TeV
Vγ + 2jets	Wγ 2j, $p_T > 30$ GeV, $\lvert\eta\rvert < 4.7$	PRD 108 (2023) 032017	13 TeV
	Zγ 2j, $p_T > 30$ GeV, $\lvert\eta\rvert < 4.7$	PRD 104 072001 (2021)	13 TeV
WW + jets	0j $p_T > 30$ GeV, $\lvert\eta\rvert < 2.4$	PRD 102 092001 (2020)	13 TeV
	1j	PRD 102 092001 (2020)	13 TeV
	2j	PRD 102 092001 (2020)	13 TeV
WZ + jets	0j $p_T > 30$ GeV, $\lvert\eta\rvert < 2.5$	EPJC 77 (2017) 236	13 TeV
	1j	EPJC 77 (2017) 236	13 TeV
	1j	EPJC 77 (2017) 236	13 TeV
ZZ + jets	0j $p_T > 30$ GeV, $\lvert\eta\rvert < 4.7$	Submitted to JHEP	13 TeV
	1j	Submitted to JHEP	13 TeV
	2j	Submitted to JHEP	13 TeV
	3j	Submitted to JHEP	13 TeV
	0j	PLB 789 (2019) 19	13 TeV
	1j	PLB 789 (2019) 19	13 TeV
	2j	PLB 789 (2019) 19	13 TeV

10^{-2} 10^{0} 10^{2} 10^{4} 10^{6} 10^{8}

Production cross section, σ (pb)

0 2

Data/Theory