



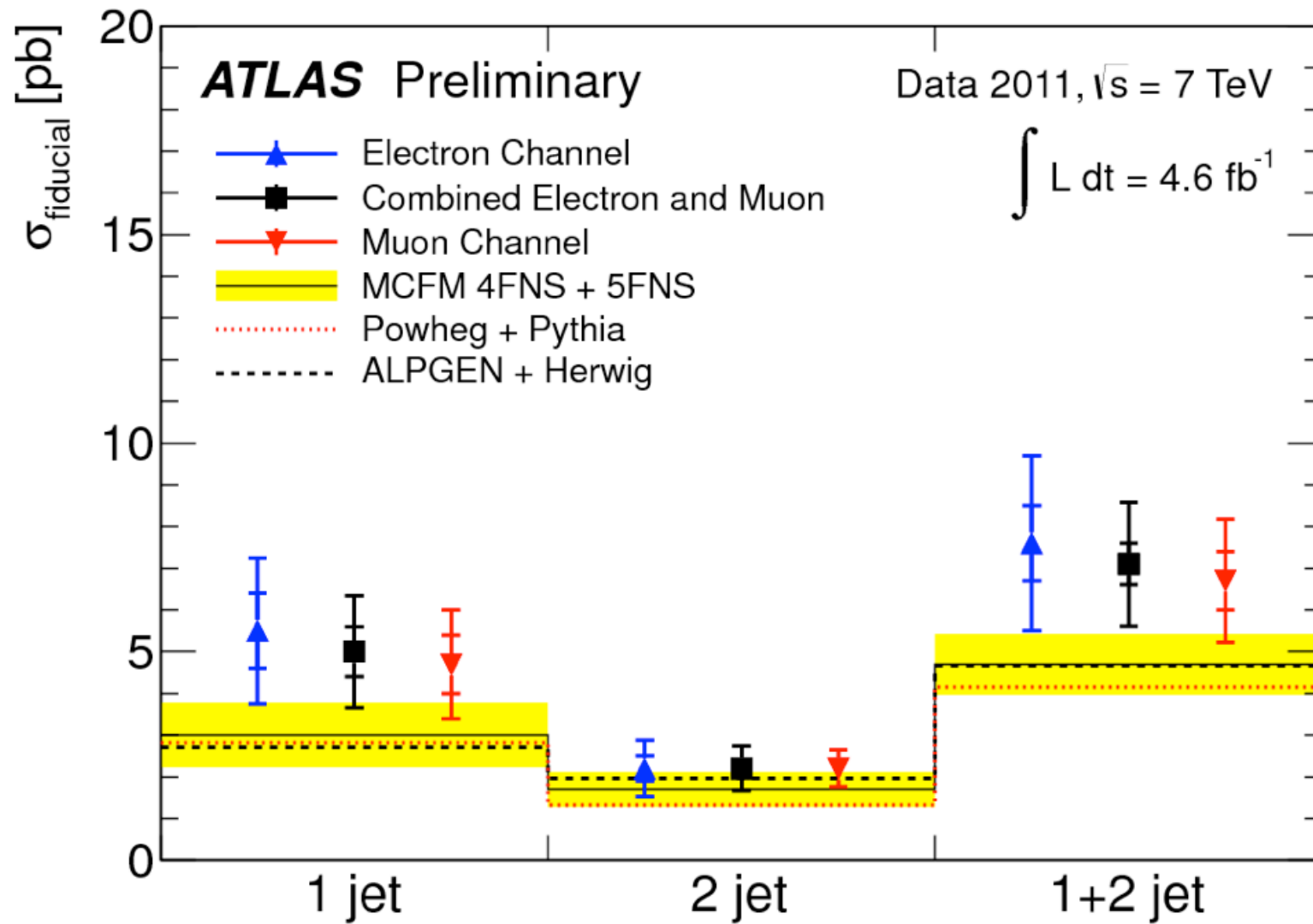
# W-bosons and b's:

*Measurement of the cross-section for W boson production in association with b-jets in pp collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector*

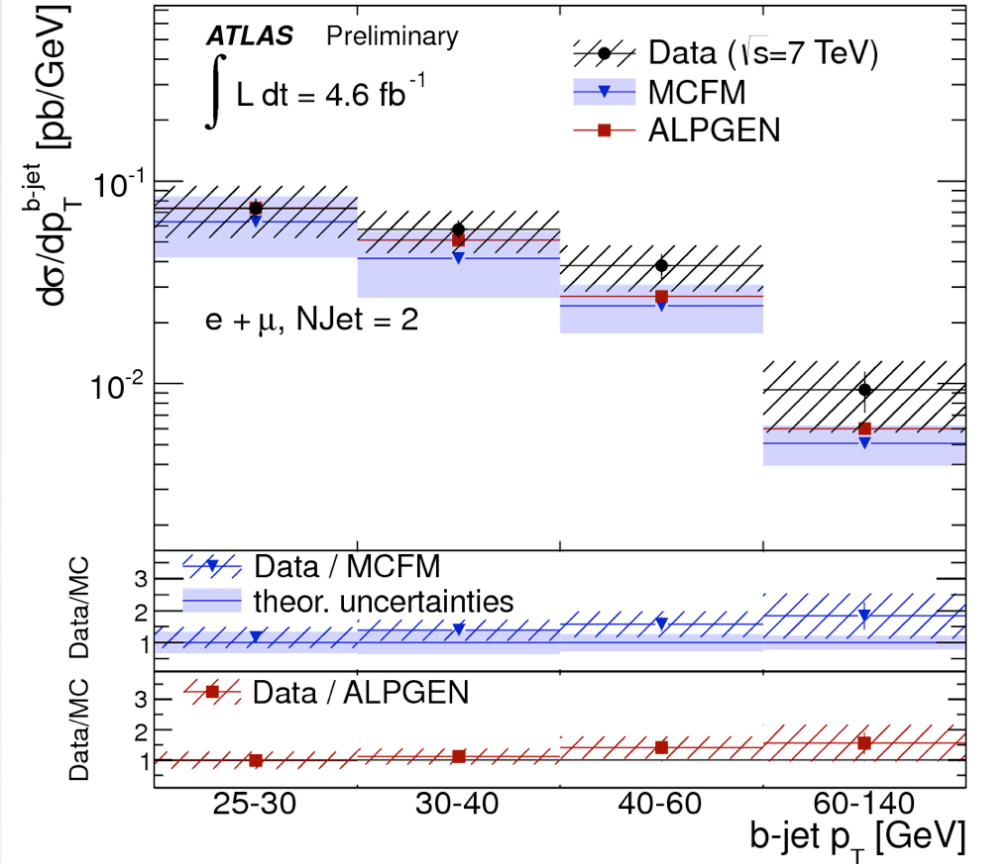
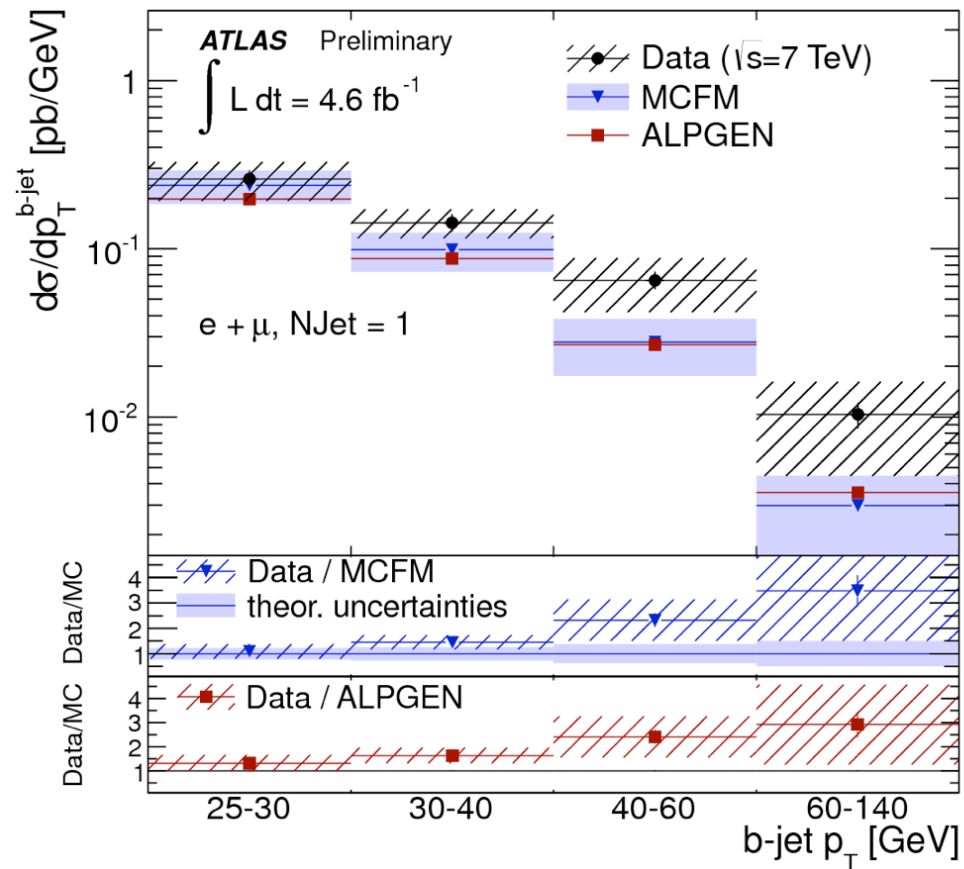
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ATLAS Collaboration

# W+b



# W+b: differential





# Wb + Single top

Fiducial cross section of $W+b$ -jets + single-top [pb]			
	1 jet	2 jet	1+2 jet
Expected (ALPGEN+ACERMC)	3.6	3.0	6.6
Measured	5.9	3.7	9.6
Statistical uncertainty (%)	3	8	2
Systematic uncertainty (%)	23	21	18

