



# Weekly report

Abdualazem Fadol

April 20, 2020

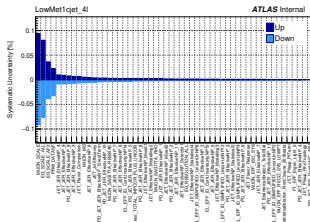
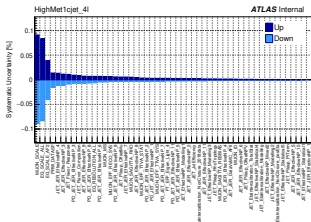
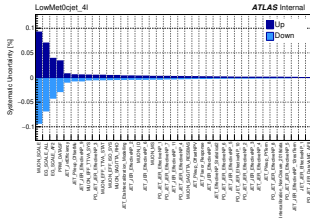
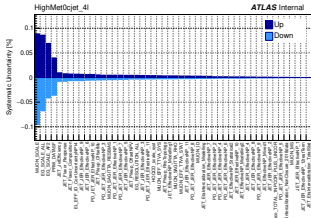


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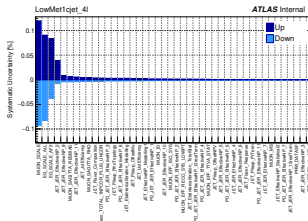
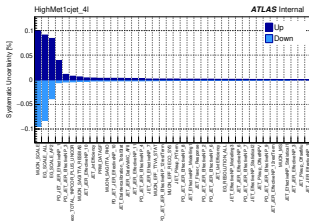
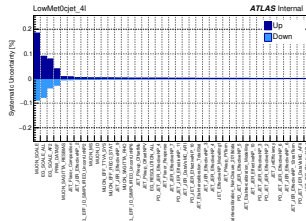
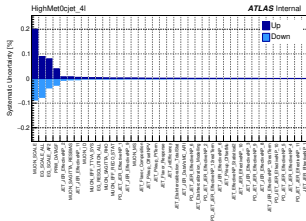
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# $R \rightarrow SH \rightarrow 4l + E_{\text{T}}^{\text{miss}}$ Experimental systematic uncertainties



- Systematic uncertainty in the normalisation of the  $m_{4l}$  for R390H220
- Removing nuisance parameter below 0.00001

# $R \rightarrow SH \rightarrow 4l + E_{\text{T}}^{\text{miss}}$ Experimental systematic uncertainties



- Systematic uncertainty in the normalisation of the  $m_{4l}$  for R450H220
- Removing nuisance parameter below 0.00001



**Thank you!**

