

Solenoid Mode Plot(s) – IPAC21



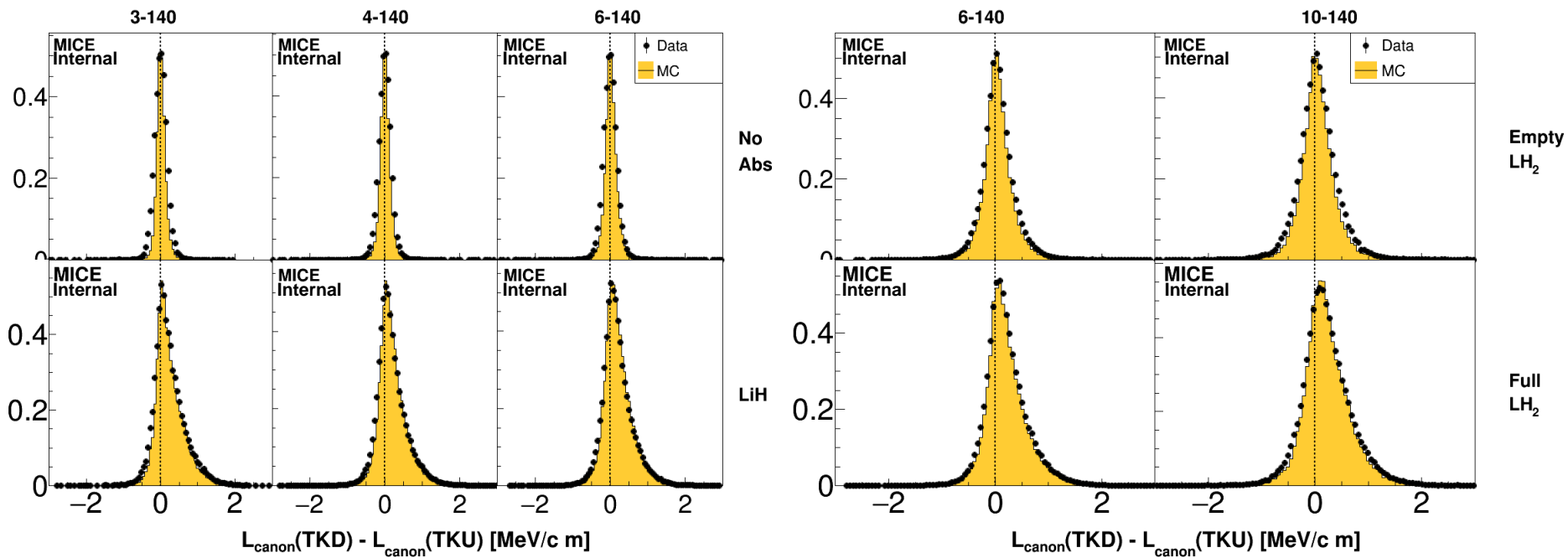
WARWICK
THE UNIVERSITY OF WARWICK

T. Lord

05/05/2021 / Video Conference

L canon - Change Across Absorber – Data vs MC Reco

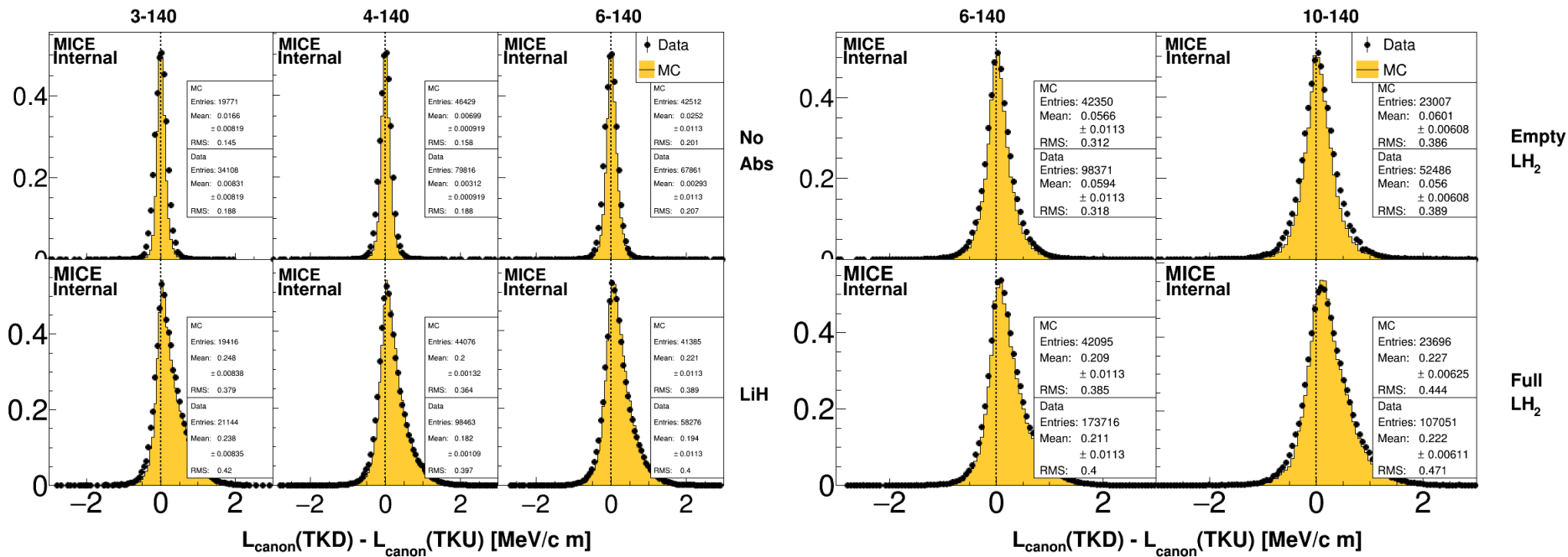
Request for preliminary status



Data vs MC reco

L canon - Change Across Absorber – Data vs MC Reco

Means plus combined stat+sys errors shown,
not requested for preliminary status



Data vs MC reco

Systematics :

- +3mrad tku/tkd rotation in x
- +3mm tku/tkd position in x
- +3% in SSU/SSD Centre
- +5% in SSU/SSD E1/E2
- +50% (2- \rightarrow 3g/cm³) tracker glue density
- 150 \rightarrow 148mm tkd fiducial radius cut
- 8.0 \rightarrow 8.3 tkd chi² threshold