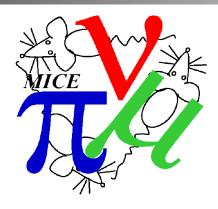
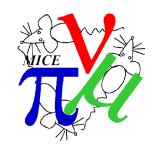
# Intro



C. Rogers, ISIS Intense Beams Group Rutherford Appleton Laboratory



# Reminder – Publication plan



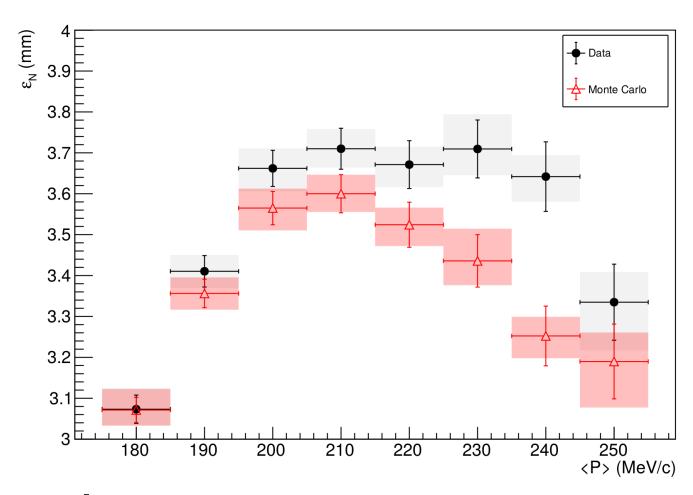
05-Apr-18

v3

		Target date	
	Final	Preliminary	
V. Blackmore	Apr18 w/s		
		l	
C. Rogers		Apr18 w/s	
D. Rajaram		Apr18 w/s	
S. Wylbur/P. Franchini		Jun-18	
C. Whyte/P. Franchini		Jun-18	
C. Whyte/J. Boehm	Jun-18	Apr18 w/s	
T. Mohayai		Jun-18	
J. Nugent			
A. Young			
C. Hunt			
TBD			
	D. Rajaram S. Wylbur/P. Franchini C. Whyte/P. Franchini C. Whyte/J. Boehm  T. Mohayai J. Nugent A. Young C. Hunt	J. Nugent C. Rogers  D. Rajaram S. Wylbur/P. Franchini C. Whyte/P. Franchini C. Whyte/J. Boehm  Jun-18  T. Mohayai J. Nugent A. Young C. Hunt	

# Emittance Measurement Paper

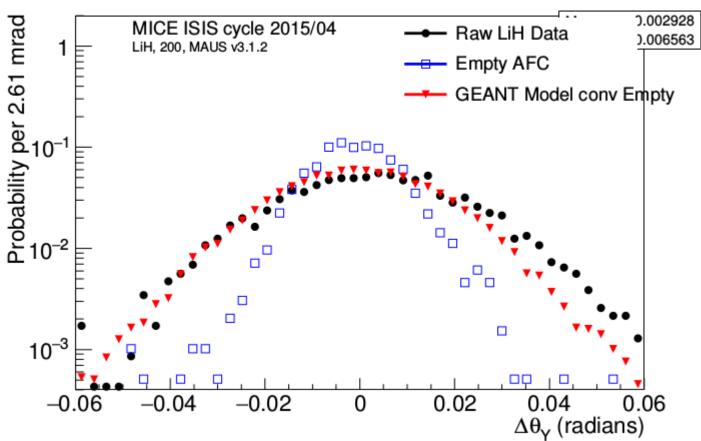




Ready to go?



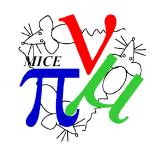


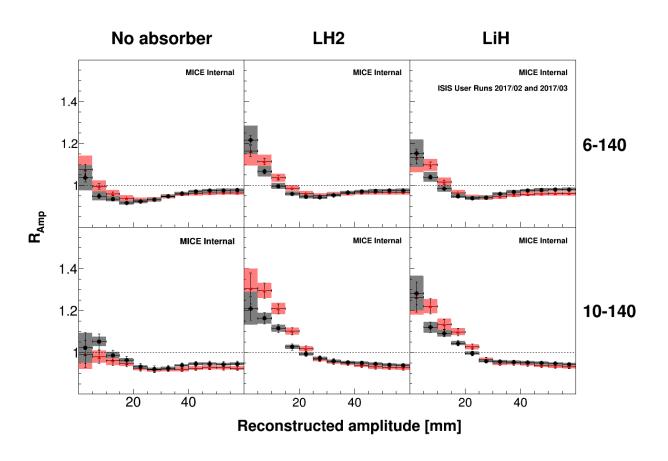


Hung up on left-right asymmetry
Appears to be ongoing issues in reconstruction/alignment procedure
Apply patch alignment during analysis

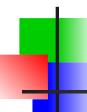


### **Emittance Evolution**





Statistical and systematic errors included Target end of May for 1<sup>st</sup> draft MICE note



# Other Papers - Measurements



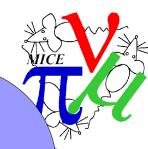
Scattering in lH2

Field-on Scattering

6D emittance evolution

Long emittance evolution

# Other Papers - Techniques



Tracker
Performance

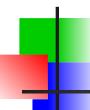
PID
Performance

Transfer
Matrix/Map
Measurement

System
Performance
Paper

Optical
Alignment
and Fields

Optical Heating



# Sample Analysis Toolsets



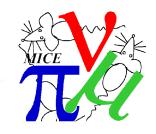
Rogers
Emittance
Evolution

Blackmore
Emittance
Measurement

Hunt
Emittance
Measurement

Bayes/Nugent
Scattering

#### Comments



- We have a great data set
- We have a great analysis team
- There are great opportunities

Now is the time to make it happen!