

# Report From Kentucky

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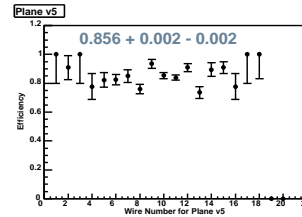
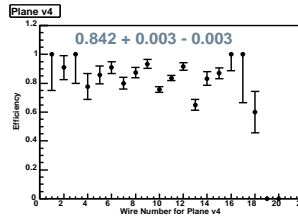
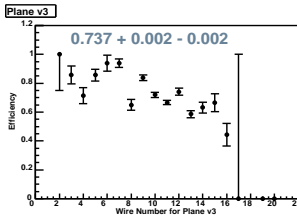
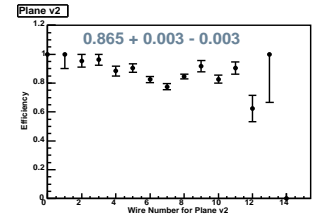
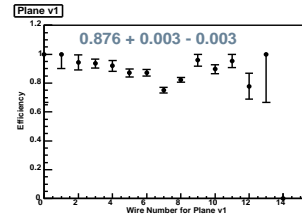
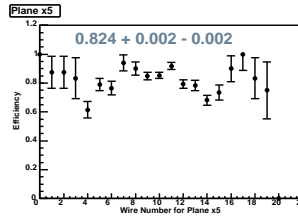
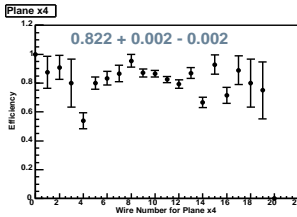
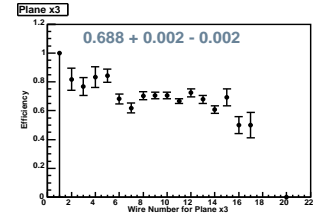
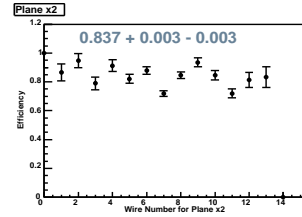
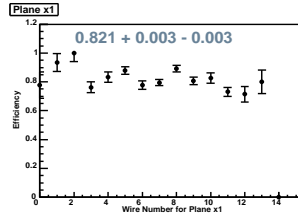
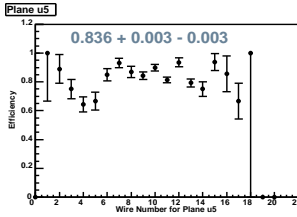
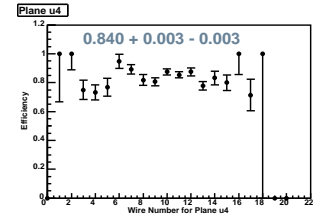
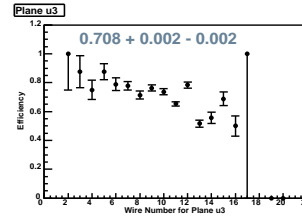
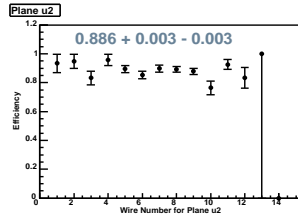
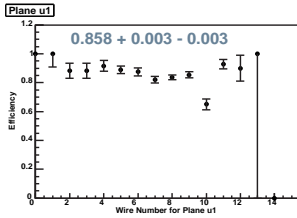
**University of Kentucky**

## Work done at Kentucky

- $^3\text{He}$  polarization measurement using frequency sweep NMR
- Lifetime and AFP loss study of  $^3\text{He}$  cell
- Water NMR using frequency sweep technique
- EPR polarimetry
- Cell wall thickness measurement
- N<sub>2</sub>O analysis: Finding gains and pedestals for PMTs

# GEN Shift

- Online monitoring
- Target operations: NMR/EPR measurements
- Online Analysis



Efficiencies for run 3647

## Where can I be helpful...

- Target studies: NMR/EPR
- Software related issues
- will be stationed at JLab from May 2006