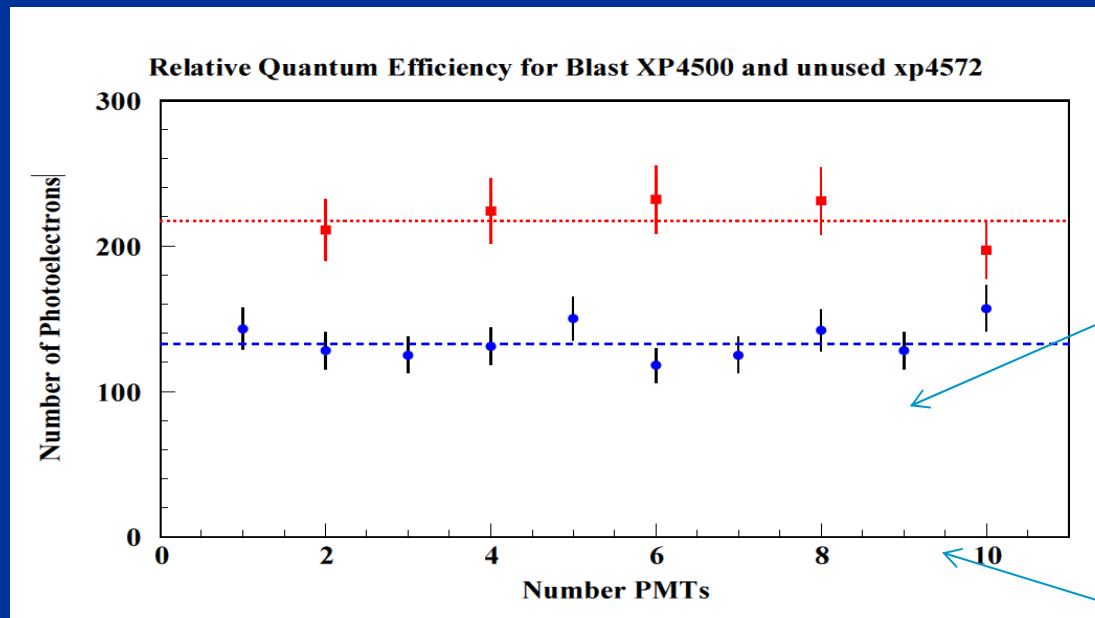


# Quantum Efficiency Testing

- Puzzling  $\sim 40\%$  decrease in QE between BLAST and HMS tubes.

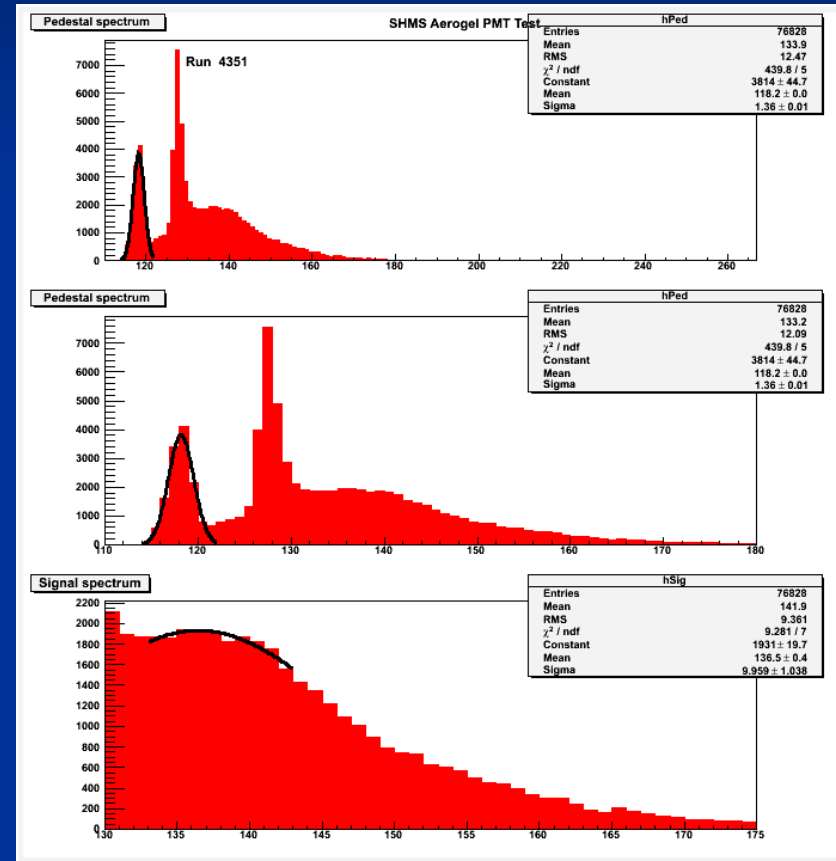


Spare HMS PMT's  
randomly selected

BLAST PMT's

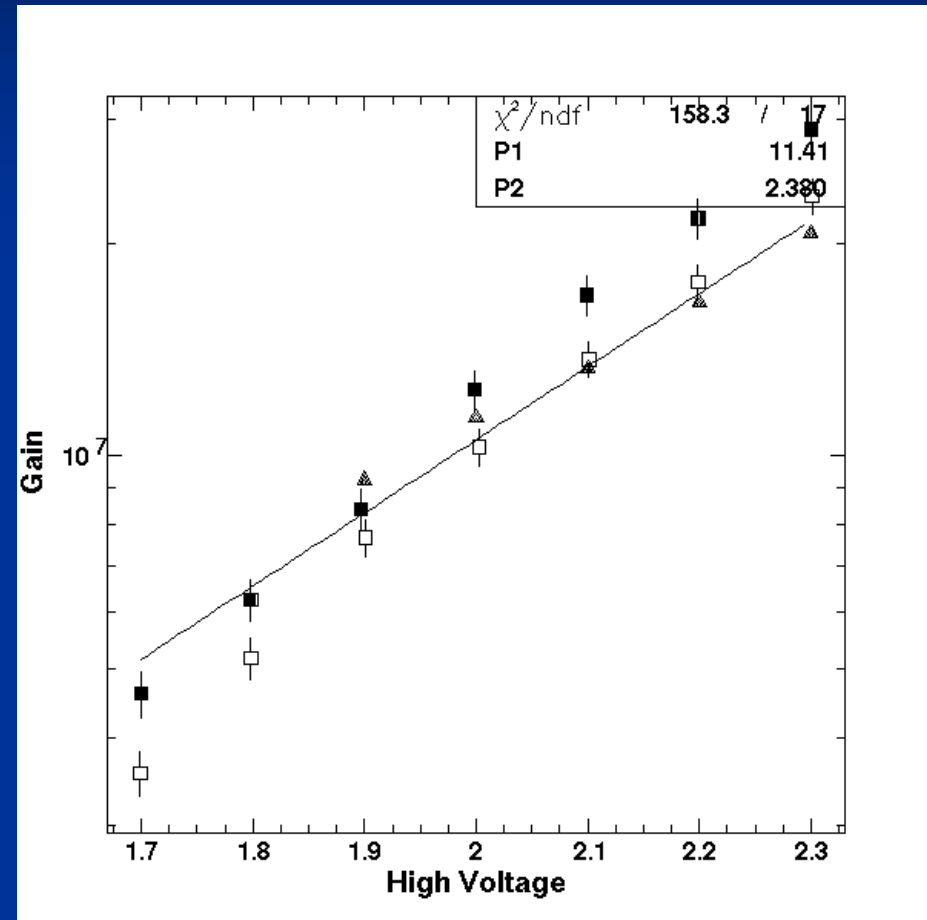
# JLab Testing

- Tested PMT #9561 at JLab to compare the two setups.
- Simplified setup, but received “noisy” peak in histogram.
- Still able to acquire data.



# Quantum Efficiency Testing

- Tests have been conducted to compare CUA and JLab experimental setups.
- Gain results may be compared to find out discrepancy between setups. (2 CUA setups and JLab shown here)
- We now have 2 PMT's from JLab (BLAST + HMS) to test, scan and compare, etc.



# Aerogel Coating

- Will cut sample for Dr. Brandys soon!
- Which tile again?

