

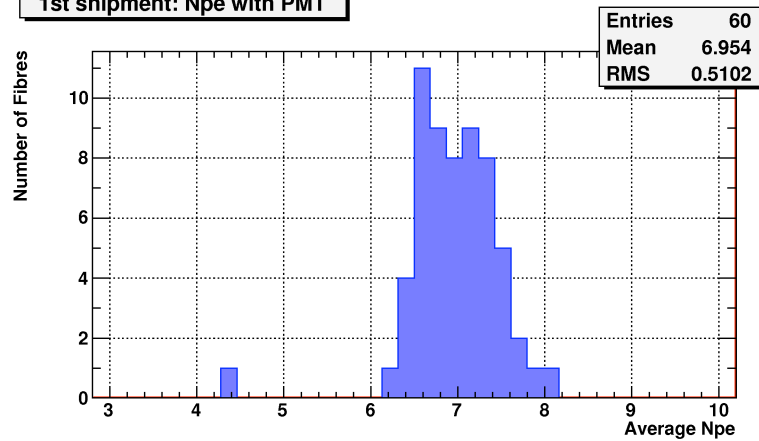
Fibre Shipments 1-4: Status Report

(Readout Videoconference, October 1, 2009)

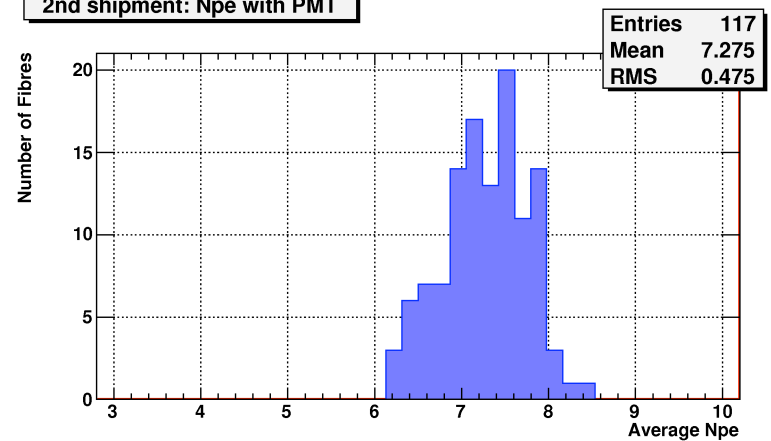
A. Semenov & Z. Papandreou

photoelectron histograms

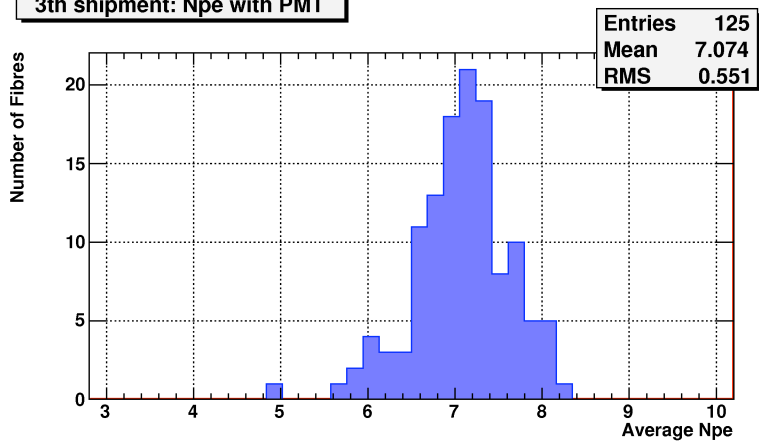
1st shipment: Npe with PMT



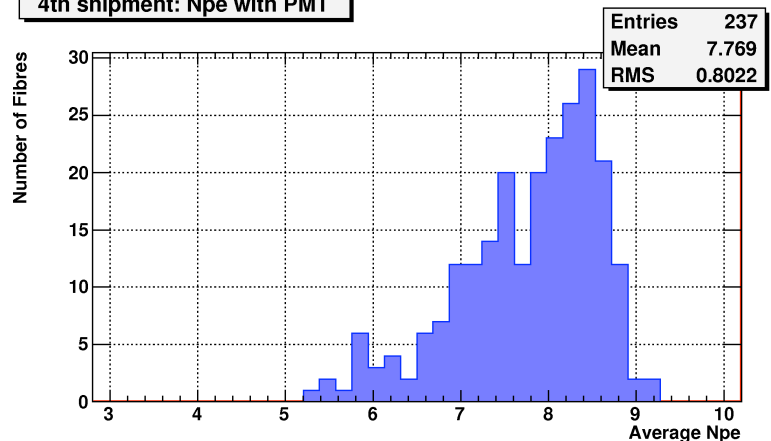
2nd shipment: Npe with PMT



3th shipment: Npe with PMT

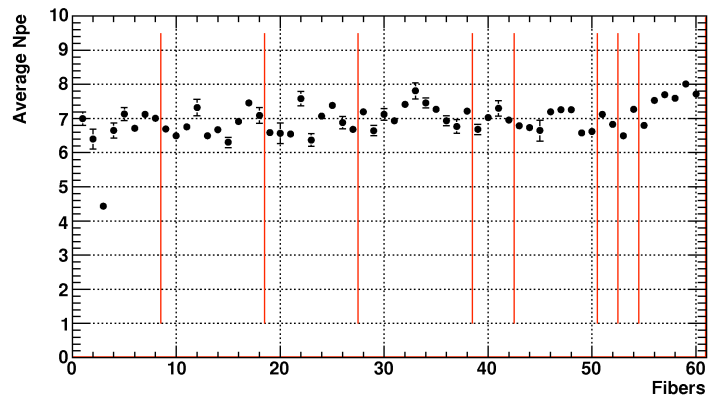


4th shipment: Npe with PMT

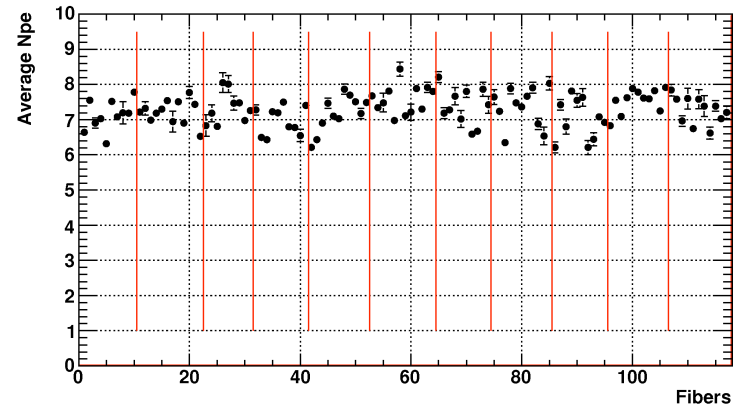


photoelectrons vs. fibre number

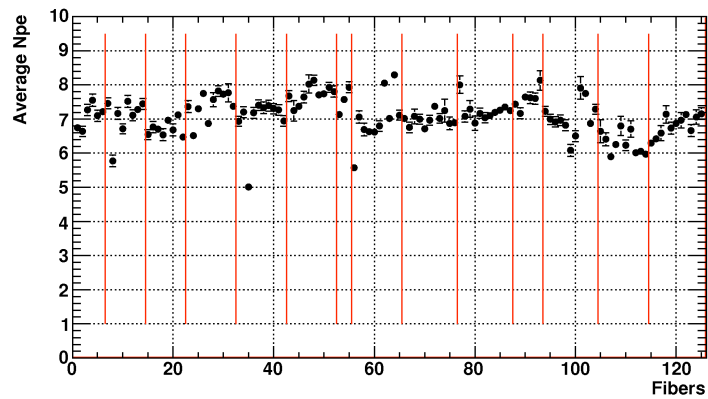
1st shipment: Npe with PMT



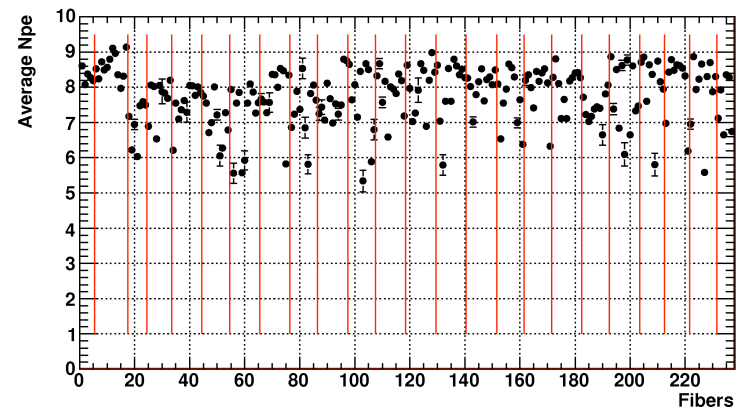
2nd shipment: Npe with PMT



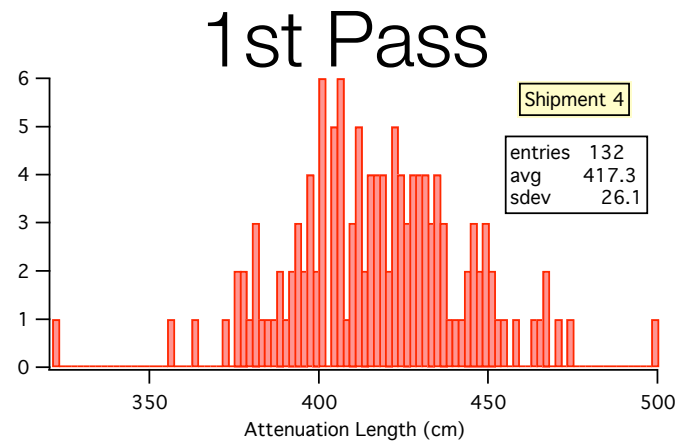
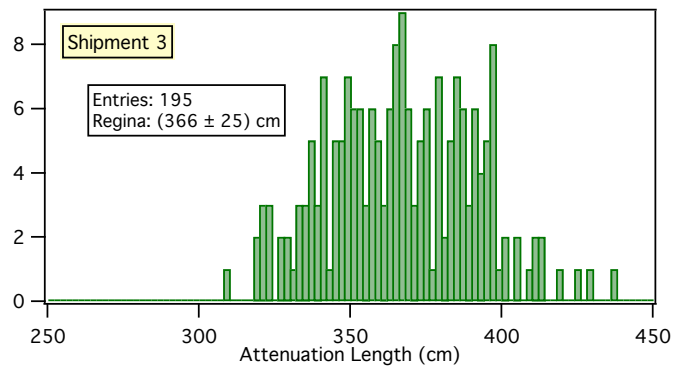
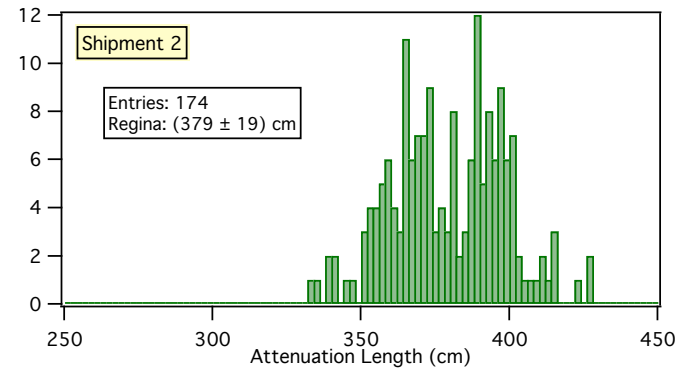
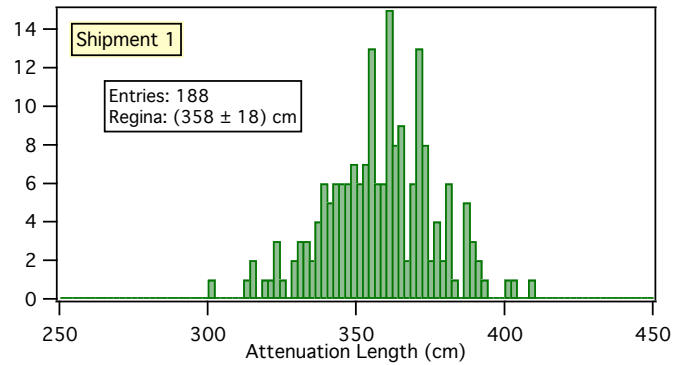
3th shipment: Npe with PMT



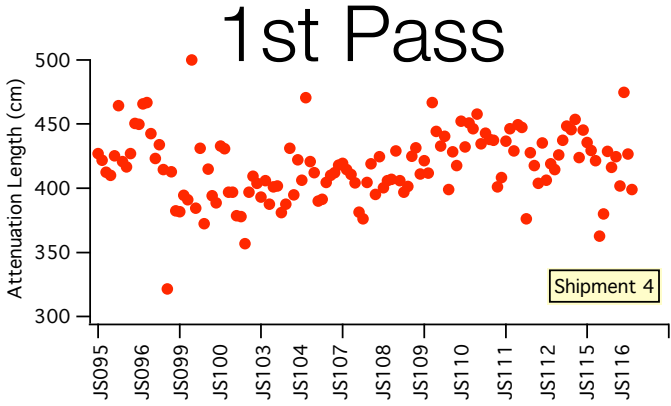
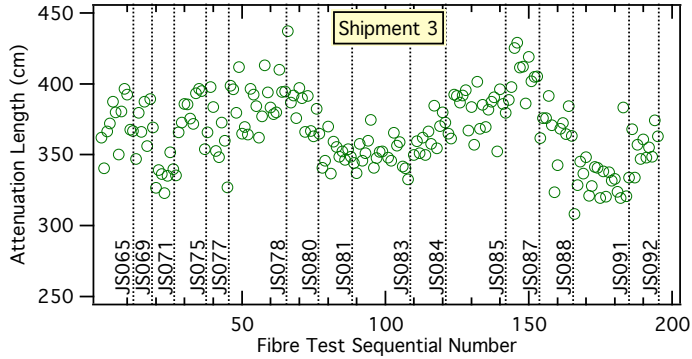
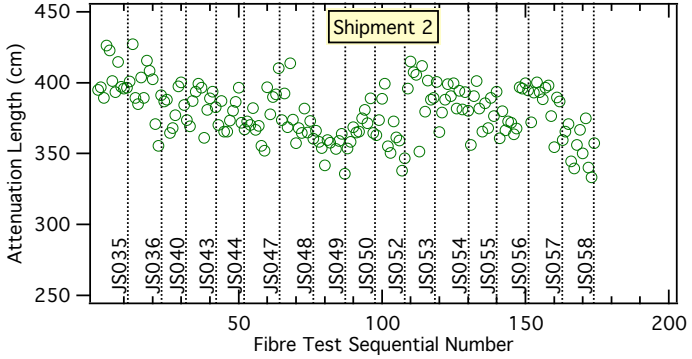
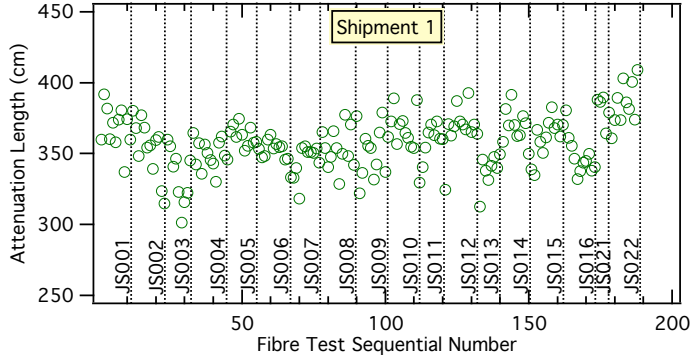
4th shipment: Npe with PMT



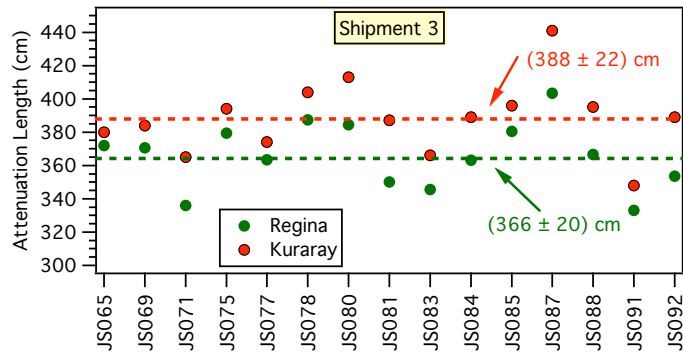
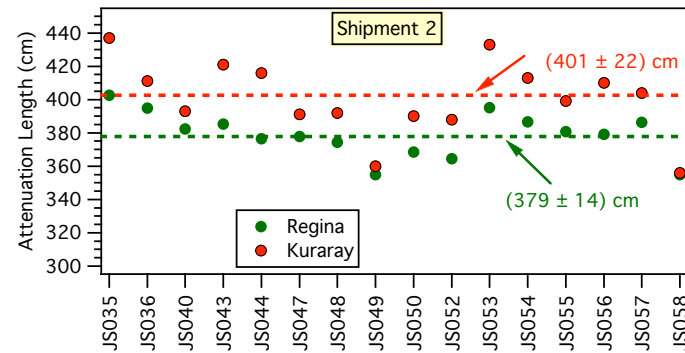
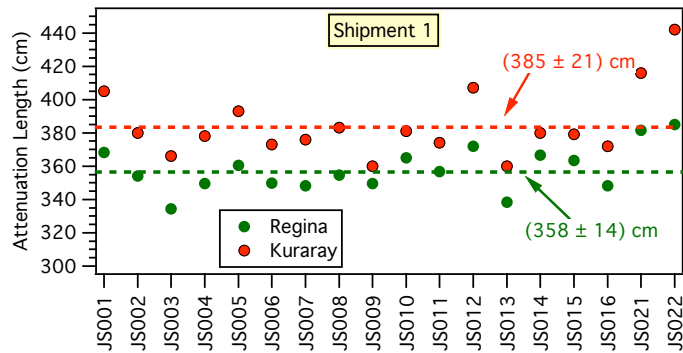
attenuation length histograms



attenuation length vs. fibre number

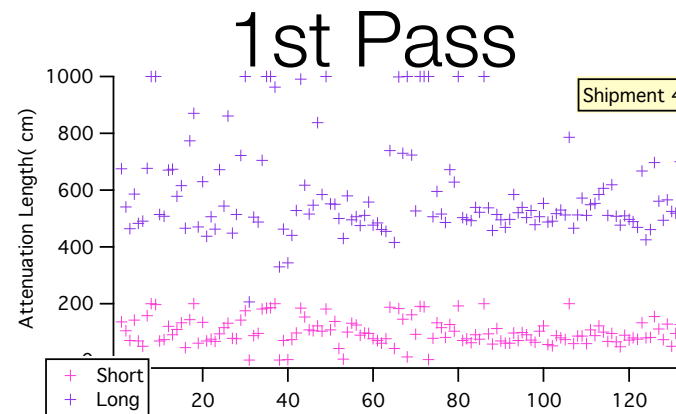
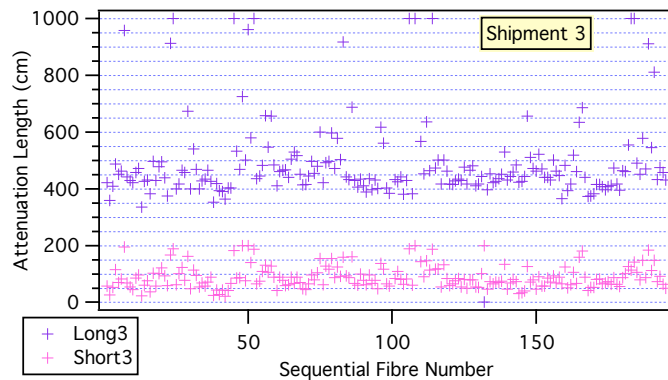
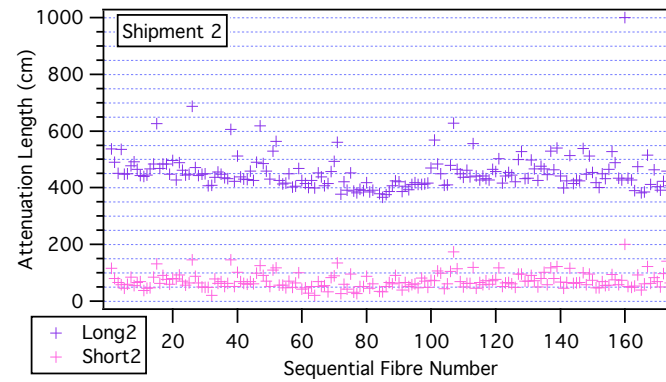
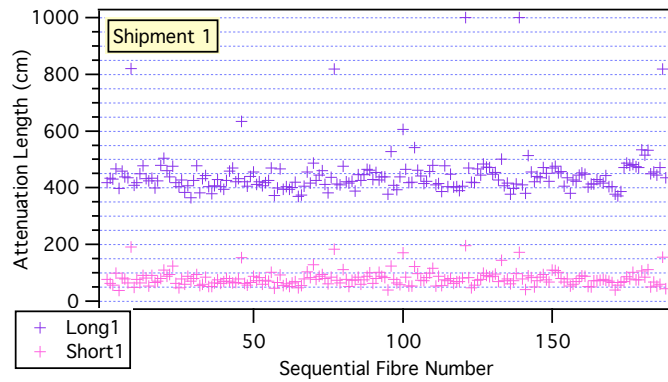


attenuation length vs. lot number



Shipment 4
Plot
Pending

attenuation length: long and short



Initial observations & issues

- Npe varies from 7.1-7.8, depends on batch
- AttenLen varies from 358-417cm, depends on batch
- Batch dependency is not linked to dye change
- Next: calculate RMS on cumulative shipments
- Distribution of fibres in BCAL during construction? Labour issue.
- How to handle outliers based on RMS<15% window?
- Discuss results with Kuraray