

H8500 SPE Signal Loss Study

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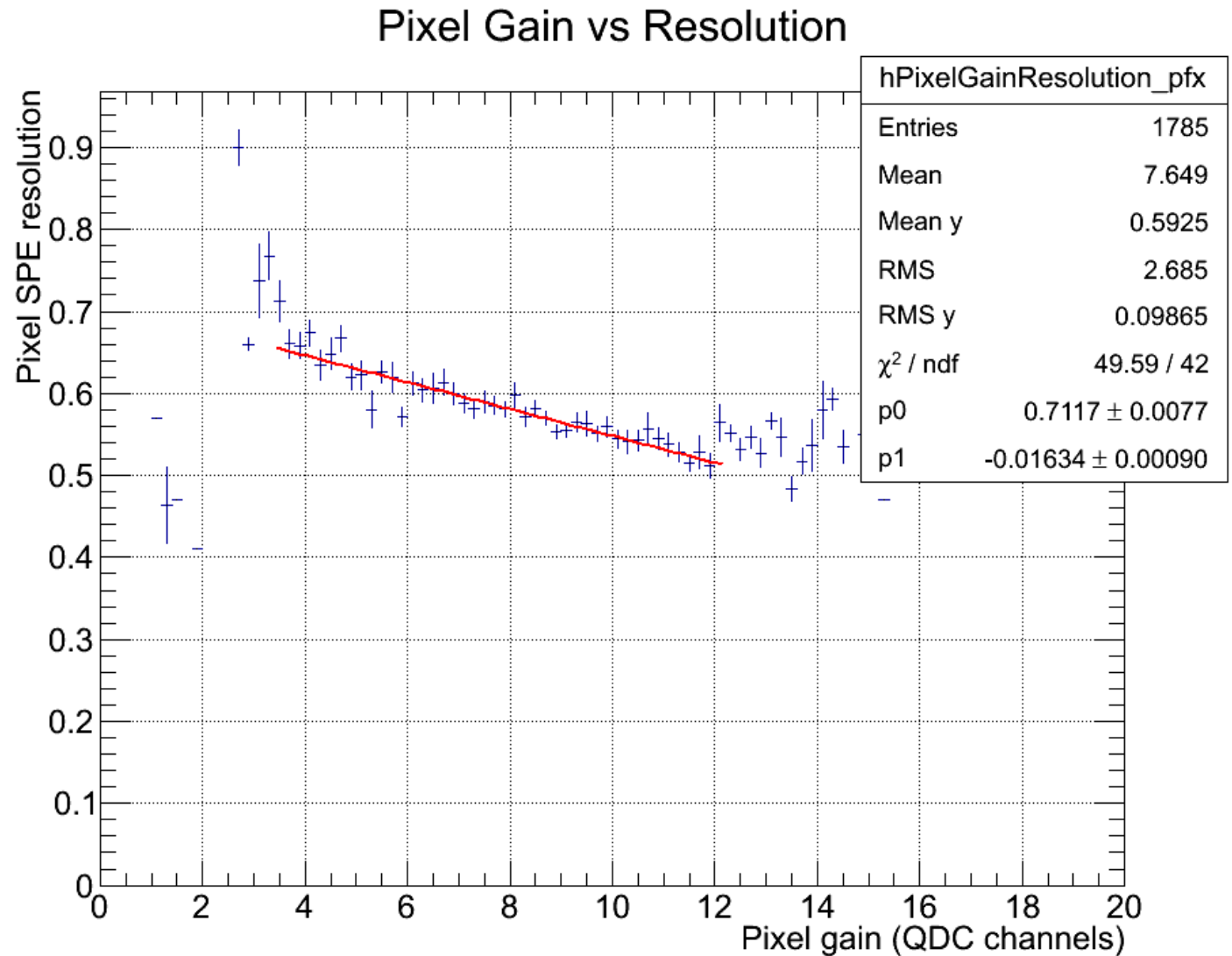
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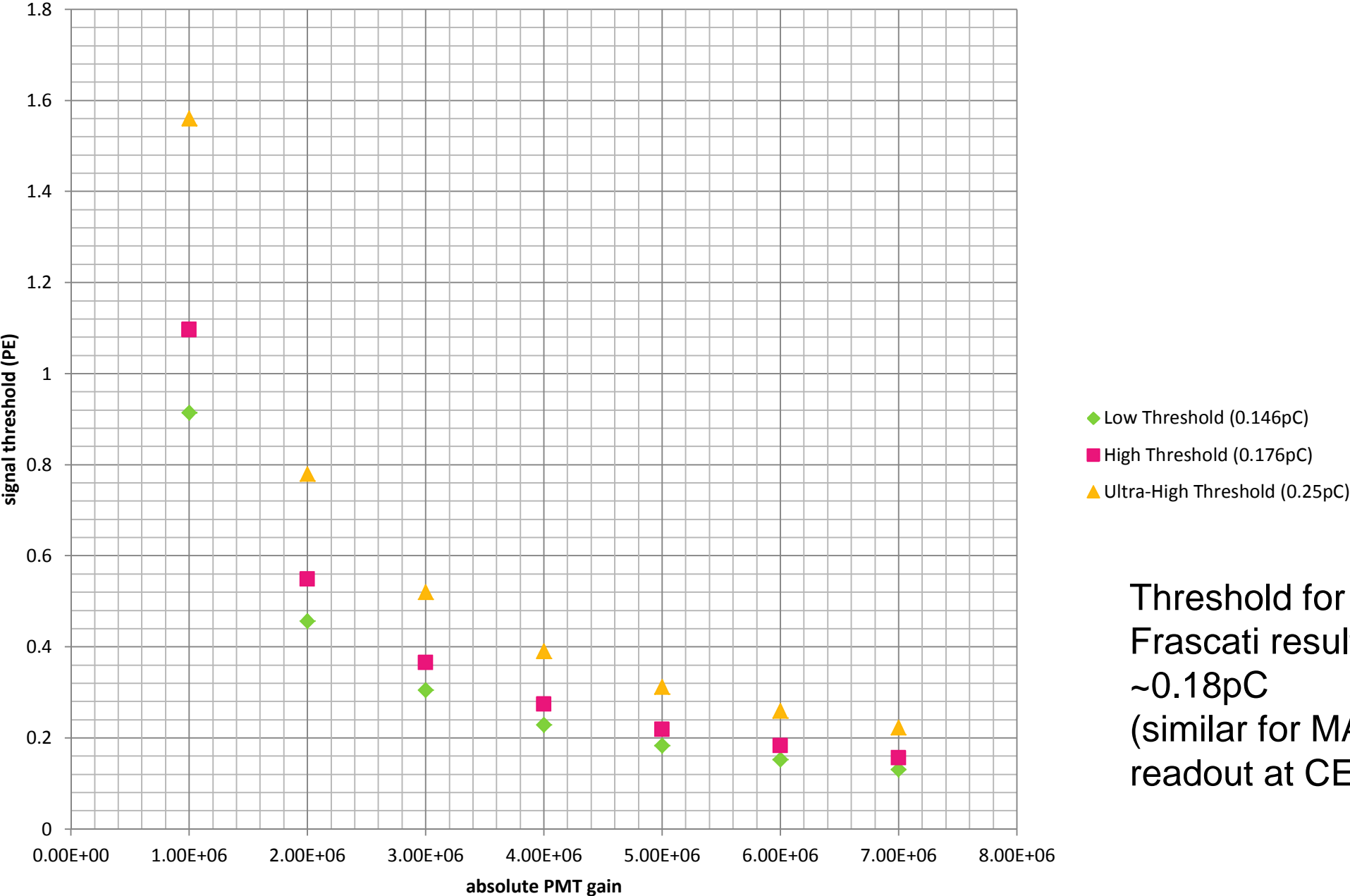


Pixel Gain & SPE Resolution

- Based on Frascati MAPMT scan results (thanks to Marco Mirazita)
- HV was 1075V
- SPE resolution is independent of HV
- Correlation between gain and resolution observed



Signal Threshold & MAPMT Gain



Threshold for Frascati results
~0.18pC
(similar for MAROC readout at CERN)

SPE Loss Estimate

