Phase II and grids

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Phase II

- Vessel has high pressure (3.26 bar) Xe
- Testing electric fields between the cathode ring to hoop (1 cm gap)
- Calibration of PMT thresholds is pretty good, but could be optimized a bit further
 - Too aggressive on 2-3 PMTs
 - Too much noise on a few more
- Preliminary data taken (see table)
- Data converted into ROOT format and transferred to PDSF
- * I need to work on running LZAP!

Ring voltage	Hoop voltage	#files
0	0	2
-8	0	2
-16	0	4
-8	0	2
-8	8	3

Phase II: C = -8 kV, Hoop = 0 V



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- Look through data taken
- Modify the thresholds
- Take data where we ramp up in steps to see emission turn on
 - * C = ramps from 0 to -16 kV in 2 kV steps
 - * Hoop = 6 kV for 22 kV delta V at max.