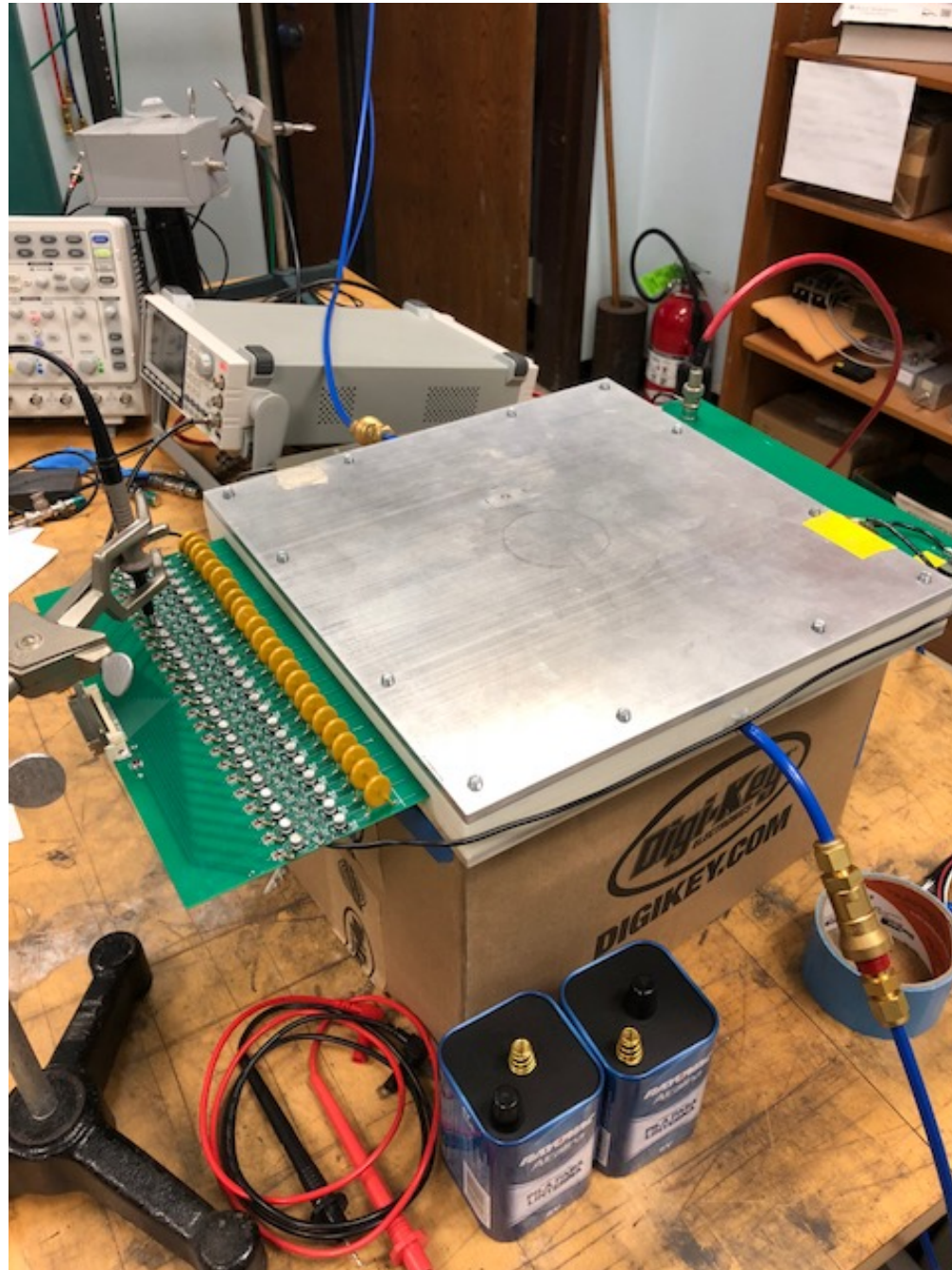
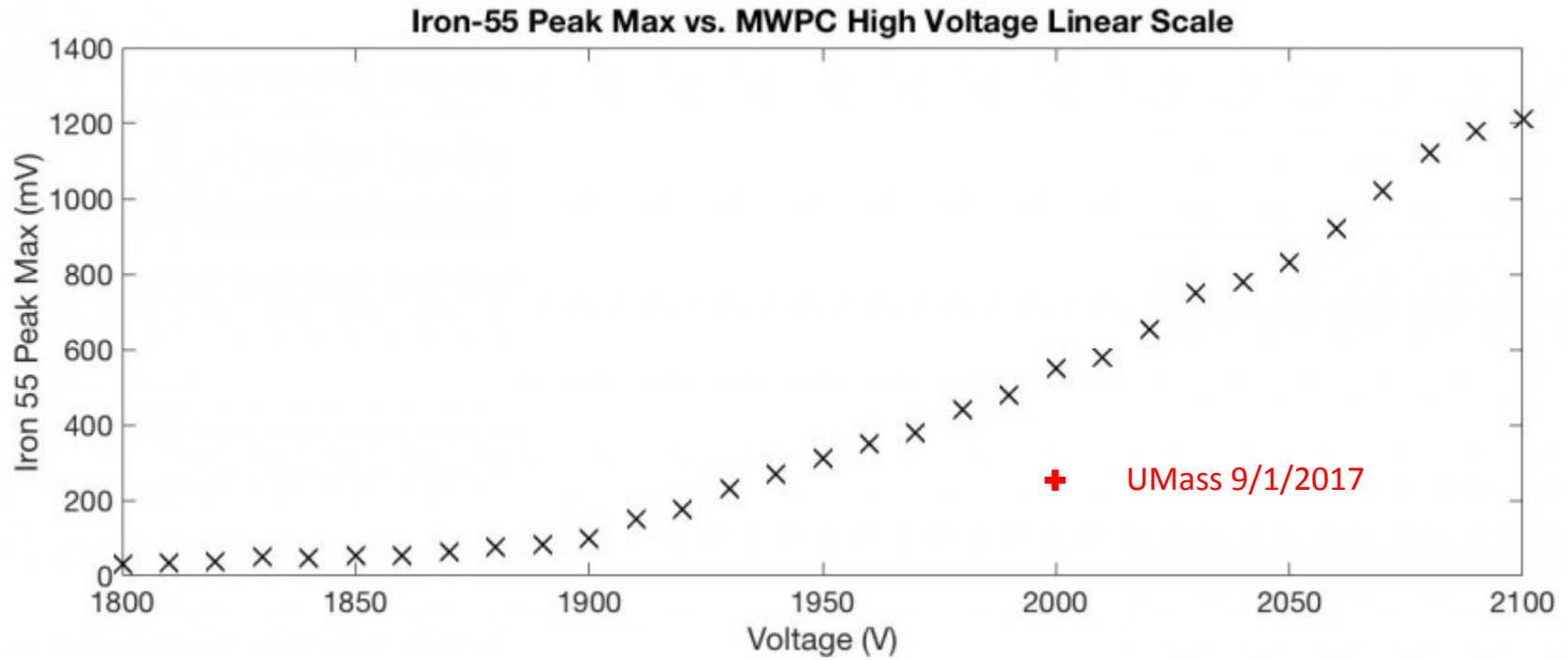


## **Update on MWPC construction**

- Epoxy has arrived, so we can restart frame assembly either Thursday or Monday
- Putting together an electronics test bench so we can solder the HV blocking capacitors onto the preamp cards, and test the channels
- Putting together a metal box that our small proto-type chamber will fit into. We'll ship this to JLab for noise testing.
- Revisiting MWPC gain calibrations (Andrew)



# MWPC gain anomaly





## UMass gas system

	Flow tube setting	Predicted <sup>+</sup>	Measured <sup>+</sup>
Argon flow cc/s	53 (flow units)	1.60	1.48
CO2 flow cc/s	75 (flow units)	0.40	0.47
Total cc/s		2.0	1.92
Argon % by volume		80	76
CO2 % by volume		20	24

+ Pressure = 1 atm, T = 20<sup>o</sup> C