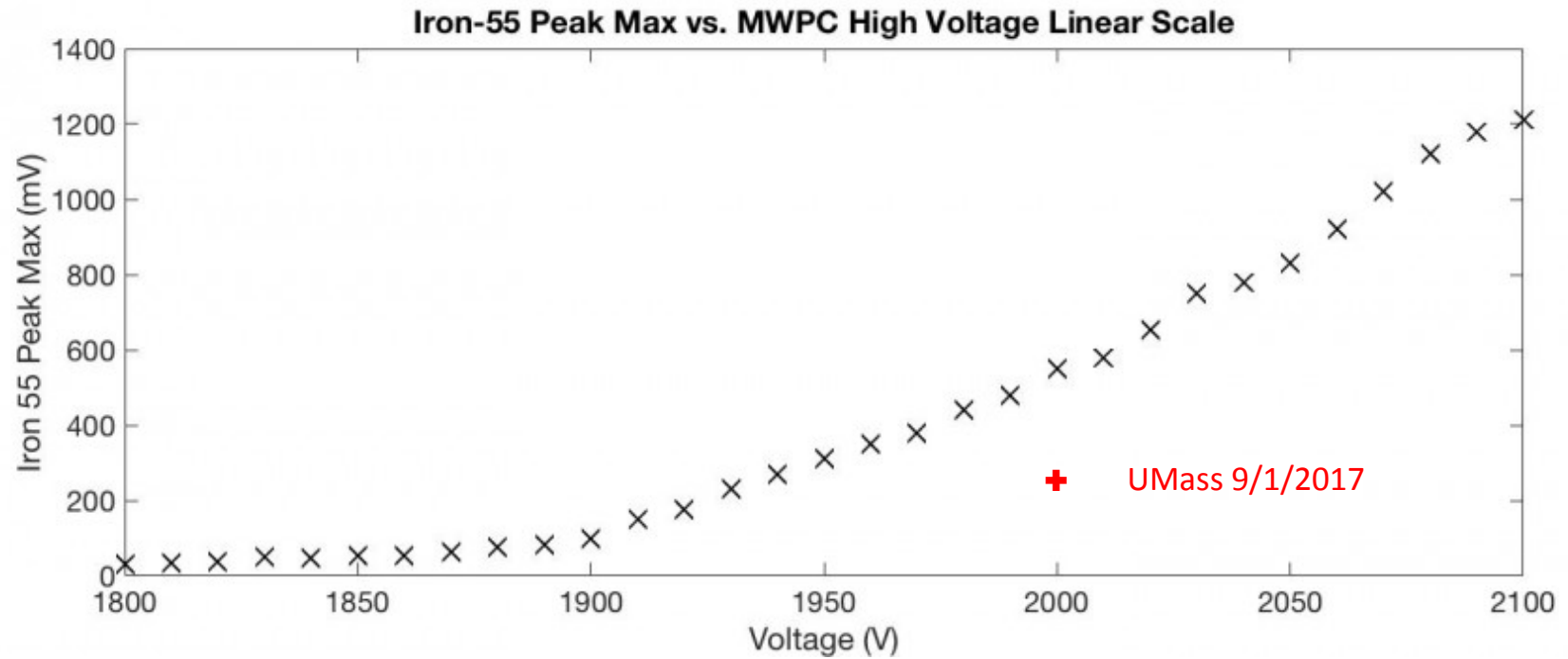


MWPC gain anomaly





UMass gas system

	Flow tube setting	Predicted ⁺	Measured ⁺
Argon flow cc/s	53 (flow units)	1.60	1.50
CO2 flow cc/s	75 (flow units)	0.40	0.42
Total cc/s		2.0	1.92
Argon % by volume		80	78
CO2 % by volume		20	22

+ Pressure = 1 atm, T = 20^o C