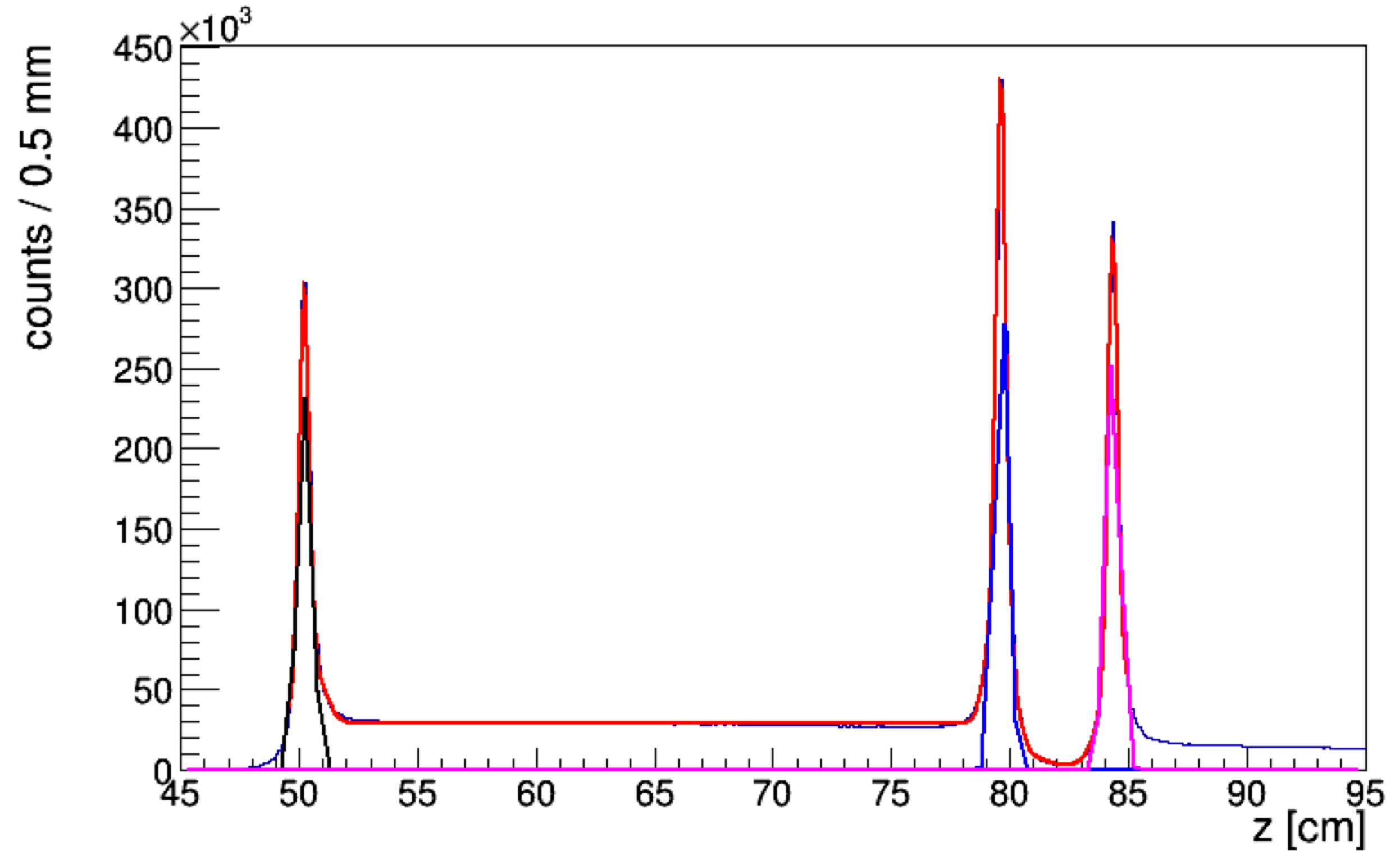


# Empty target analysis

- Spring 2017 empty target data
- Fit yield of 2-track vertices and extract contributions from windows
- Ratio of yields between gas and windows matches area density?



	Position (cm)	Density (g/cm <sup>3</sup> )	Length (cm)	Area density (g/cm <sup>2</sup> )	2-track yield
LH <sub>2</sub> gas	50-79.5	0.0015	29.5	0.04425	8.58x10 <sup>6</sup>
Kapton 1	50	1.42	75x10 <sup>-4</sup>	0.011	1.79x10 <sup>6</sup>
Kapton 2	79.5	1.42	75x10 <sup>-4</sup>	0.011	2.19x10 <sup>6</sup>
Aluminum	84.5	2.7	25x10 <sup>-4</sup>	0.007	1.96x10 <sup>6</sup>