



KaonLTMeeting

June 28th, 2023

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Apply HG Cer efficiency

◊ For each region of the HG Cer, Avg number of photo-electrons for all runs of a momentum setting. Then plot this avg vs momentum in each region.

◊ Apply hole cut

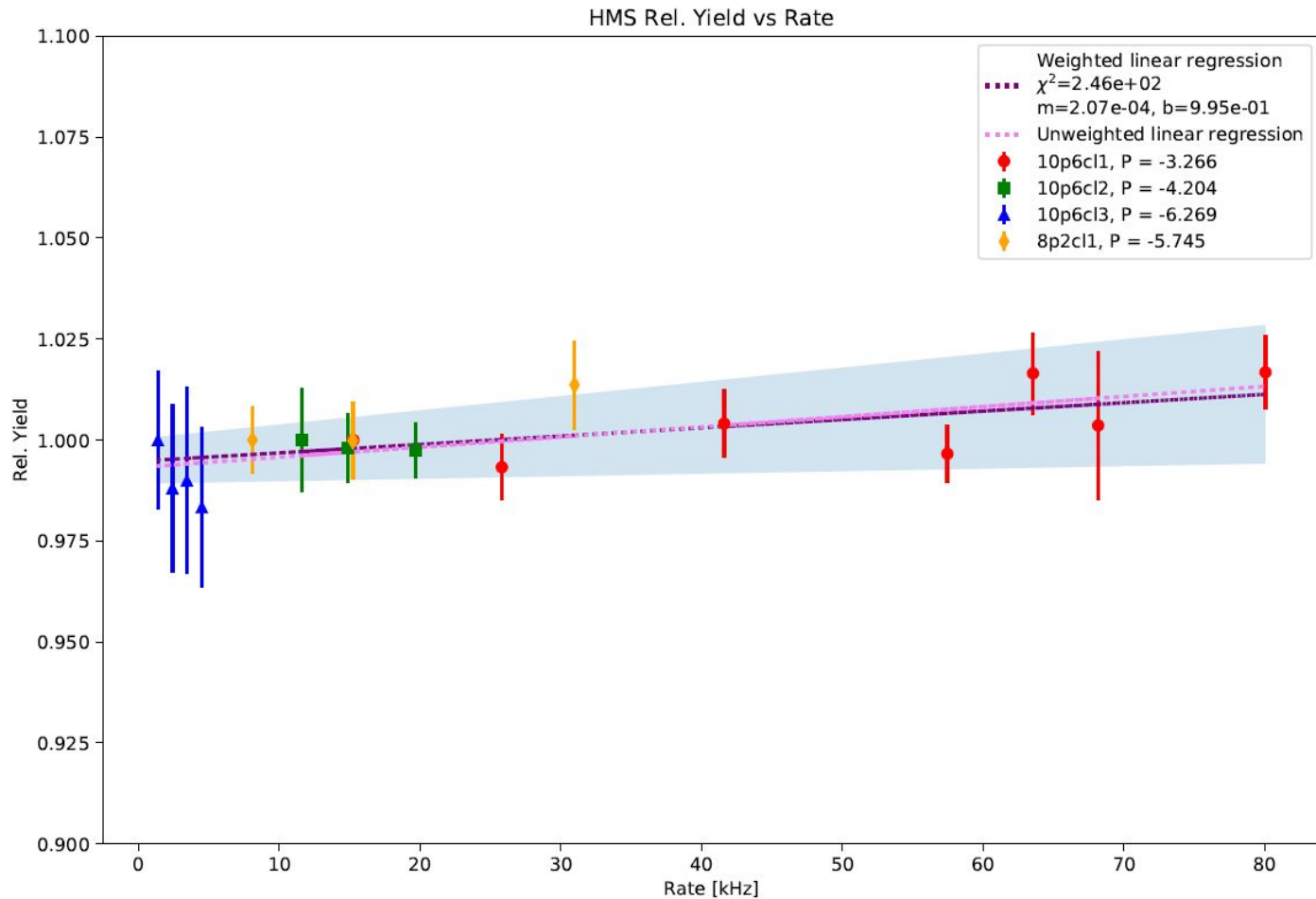
◊ Plot NPE of each region

◊ Root can provide the avg NPE.

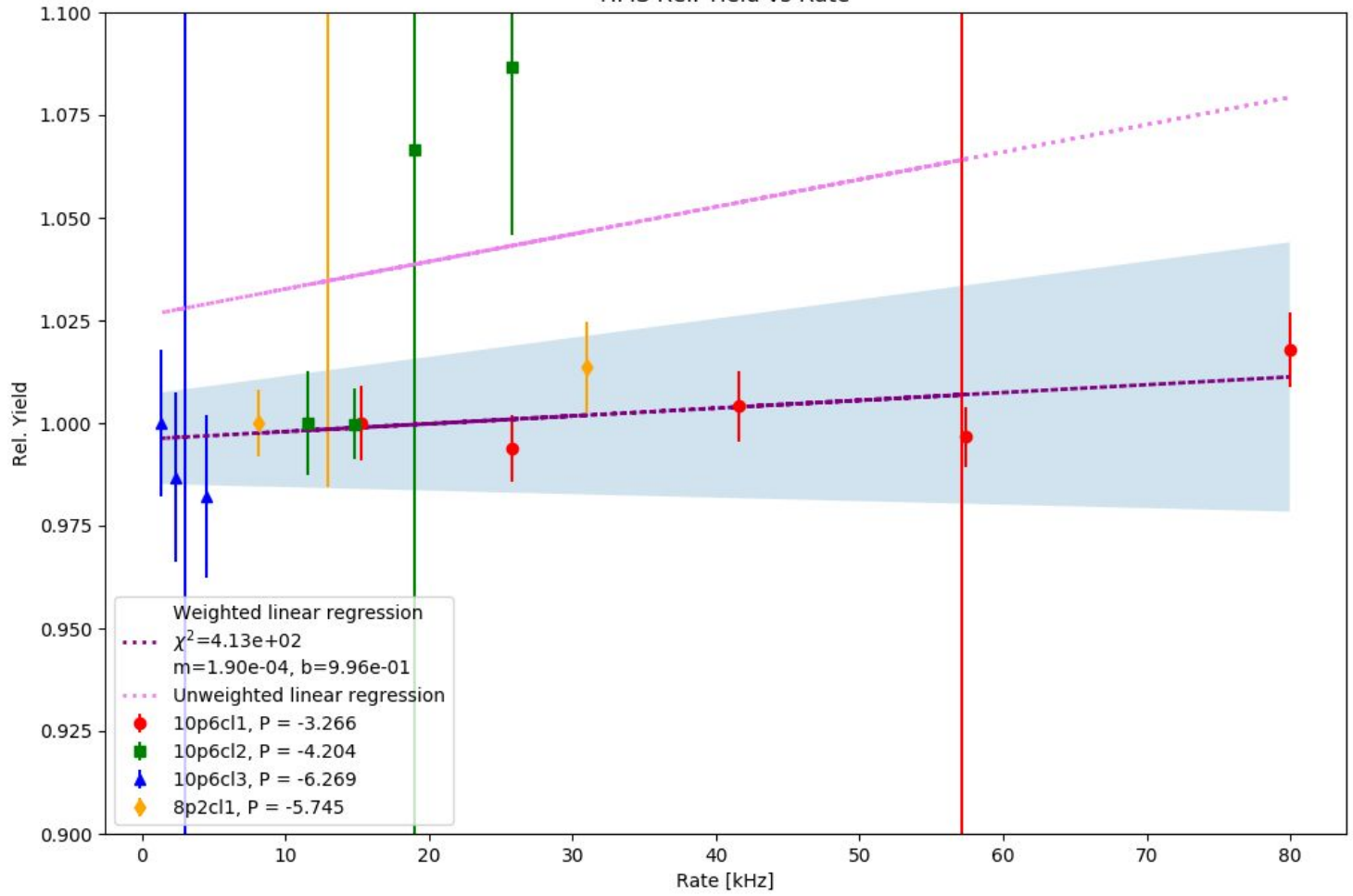
◊ Repeat for each run of a momentum setting and get the total avg for that momentum setting

◊ Modify HG Cer eff script to get NPE of each region per run. Make a CSV file with momentum, avg NPE, run number. Use CSV to get avg NPE per momentum and fit with a Poisson to get the efficiency (by integrating under the curve??).

Carbon (no correction)



HMS Rel. Yield vs Rate



Carbon (no correction)

