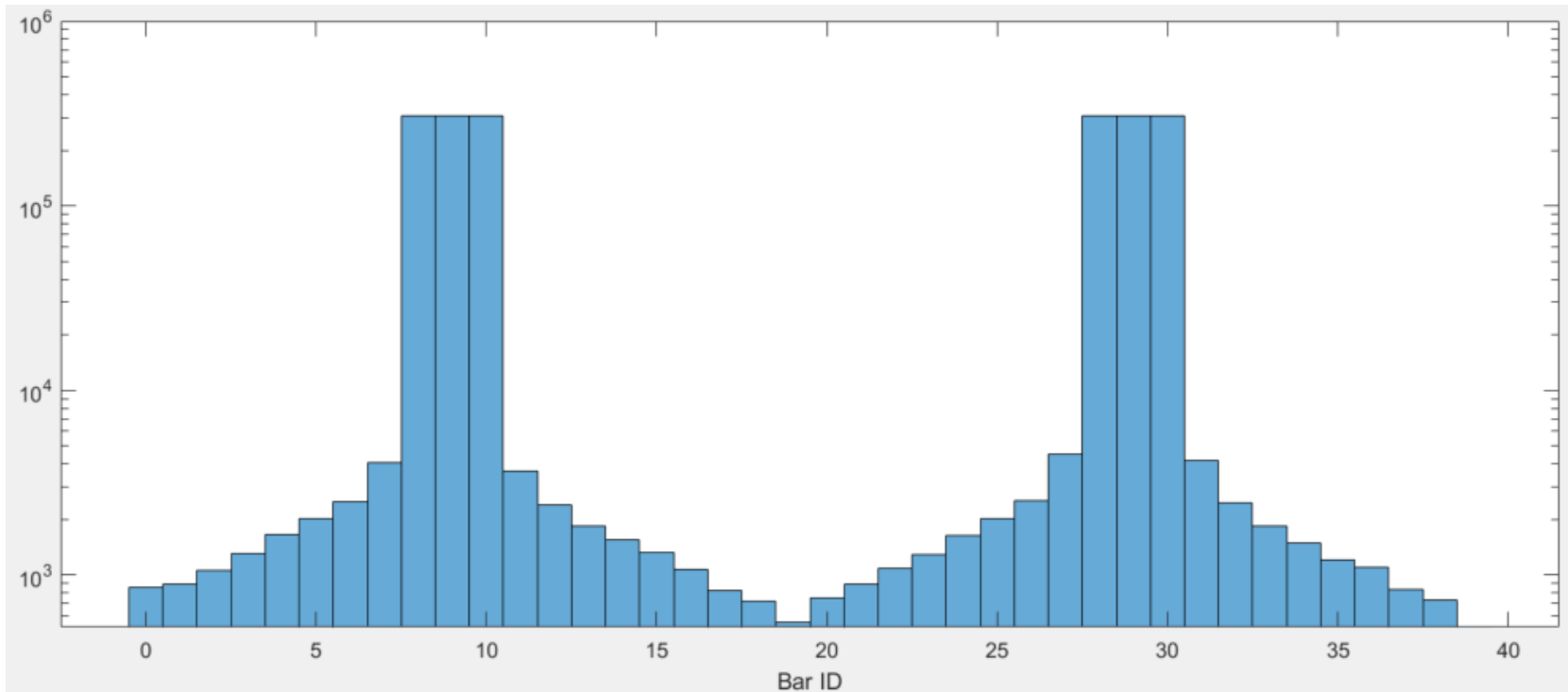


TW update after first part of
the data taking

In general

- All bars seems to work properly, only minor differences with the past data takings.
- Only the data of the first night has been analysed so far, so statistics is not very high.



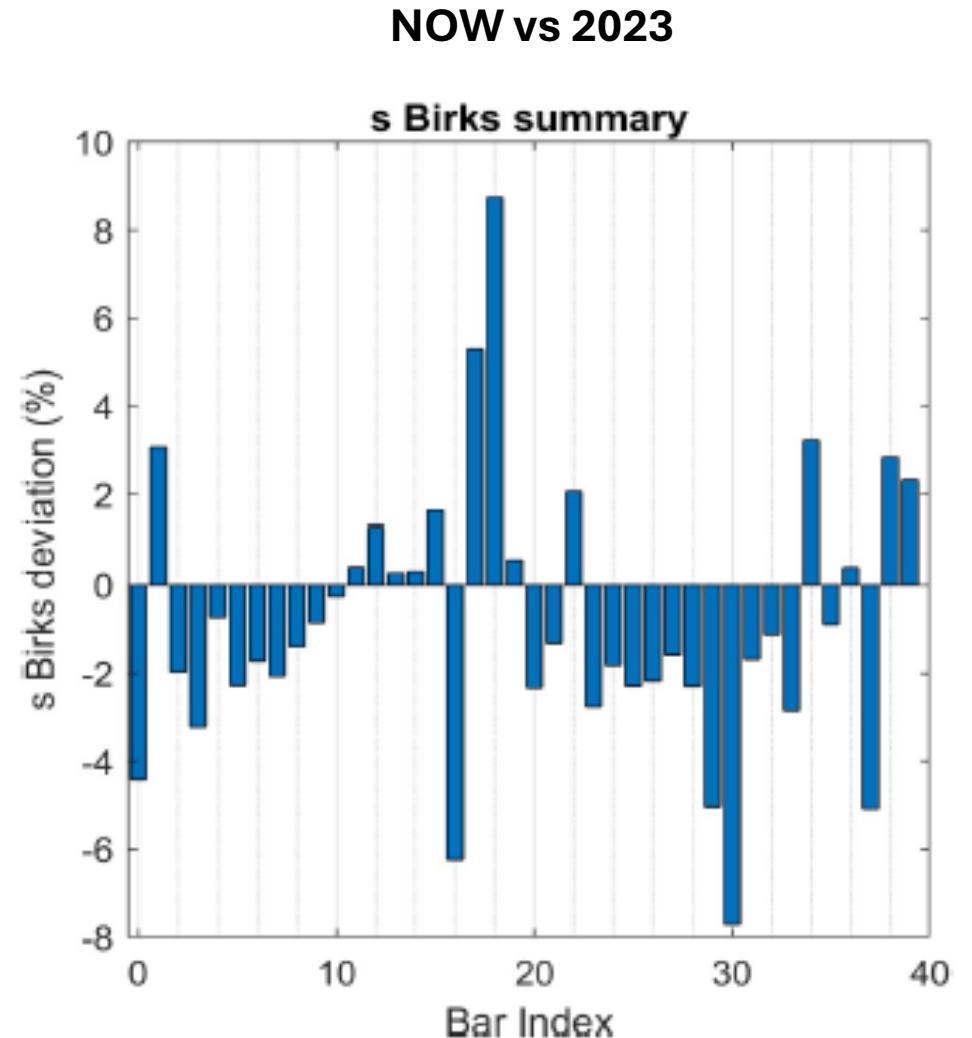
Bar 19 has a bit less events than expected, it has to be verified looking at the events of the second night.

Comparison with CNAO 2023

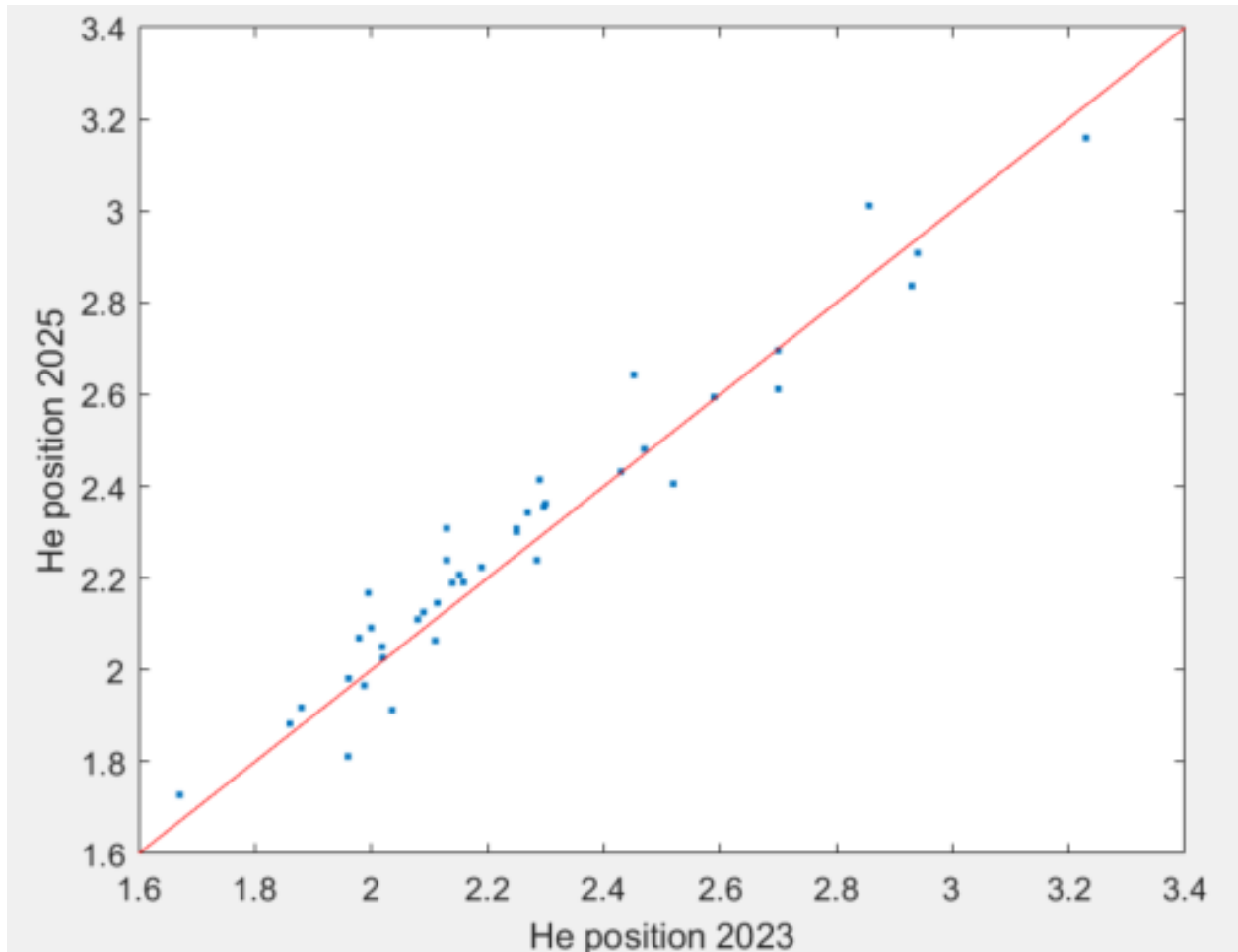
Only small variations in the charge collected in the bars.

As always peripherals bars are subject to larger uncertainties, so this analysis is less meaningful.

The only exceptions are bars 29-30, however this effect was already visible last year.



Comparison of the He peak position

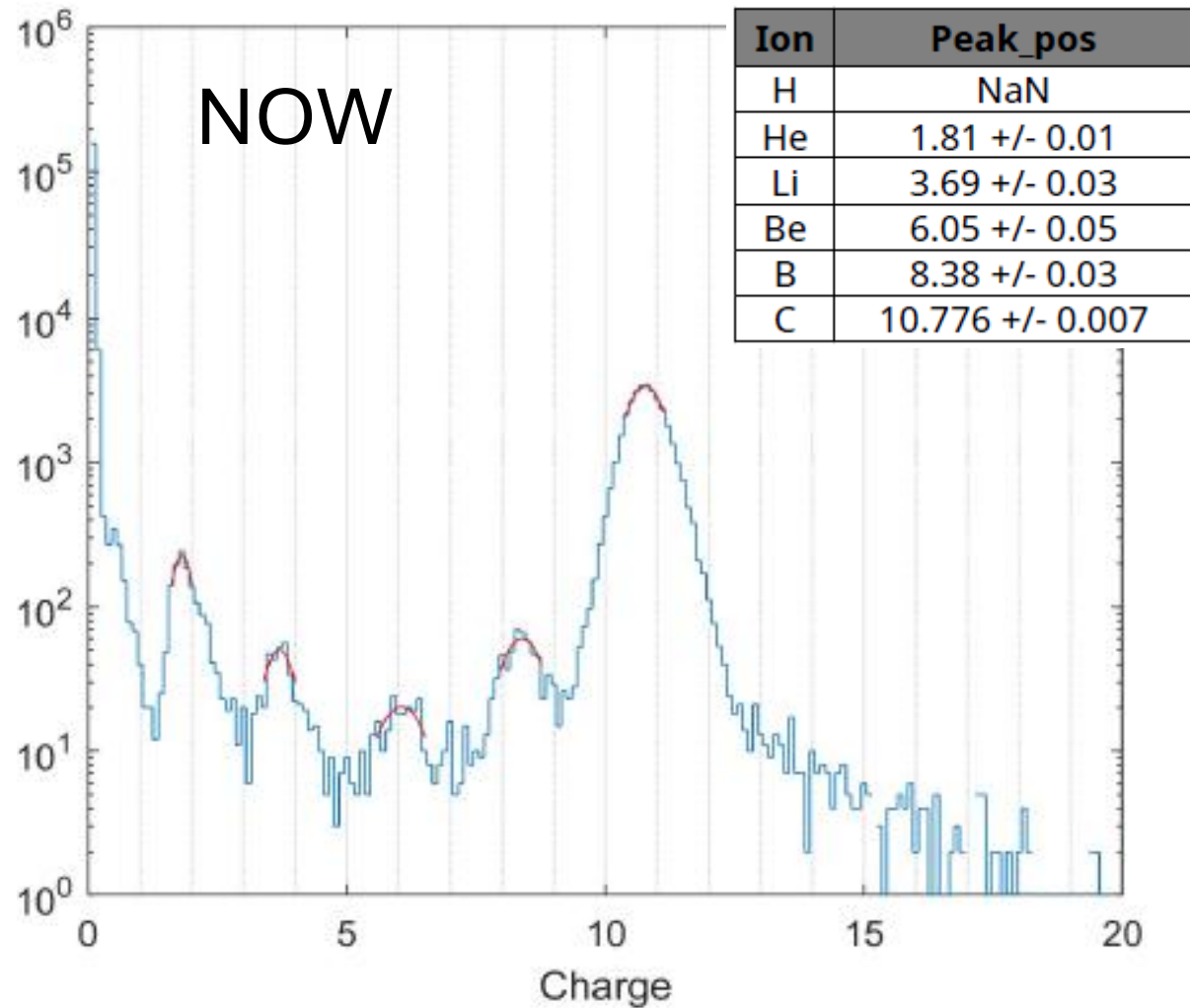
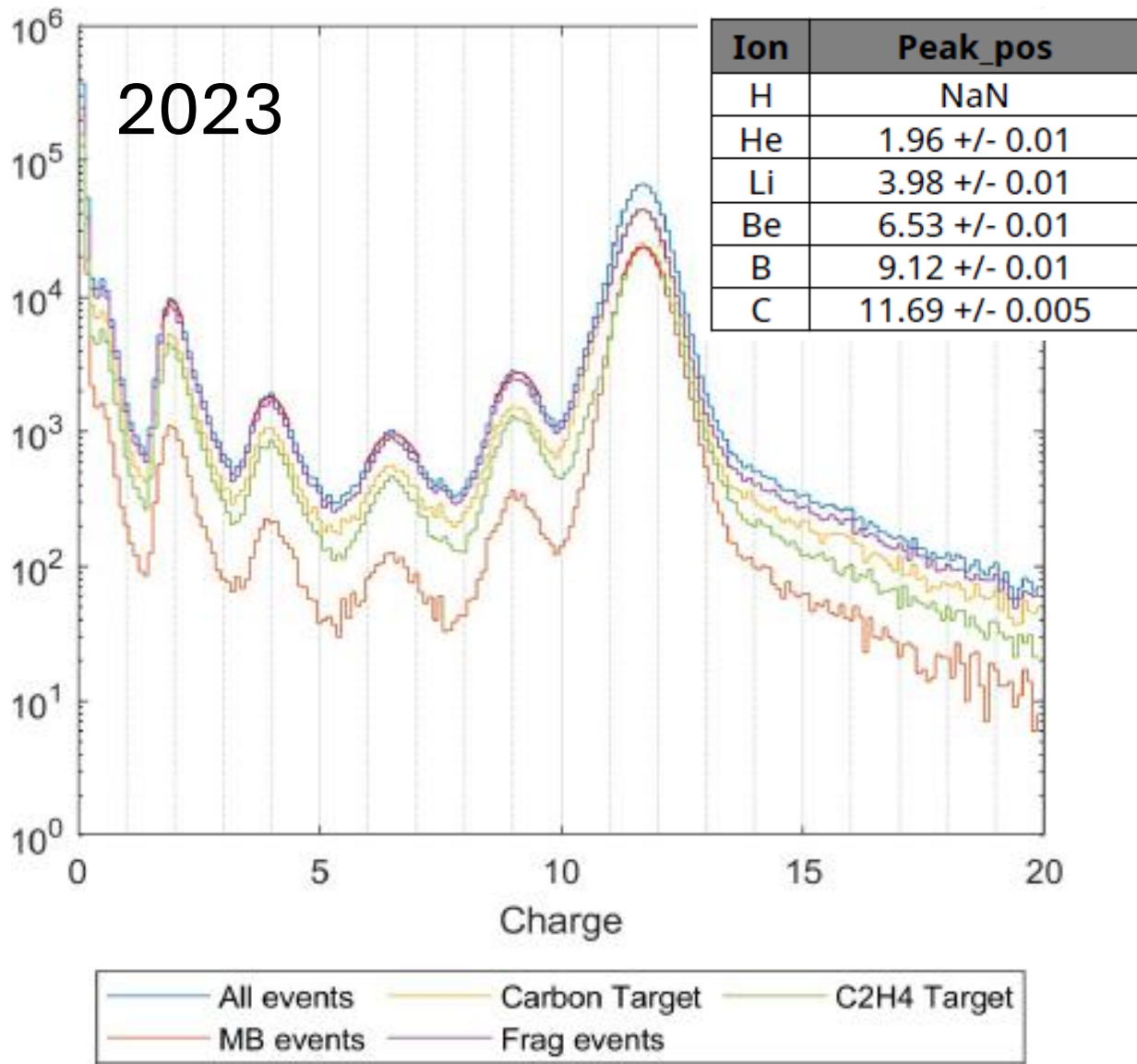


Few % difference, as expected also from the previous slide

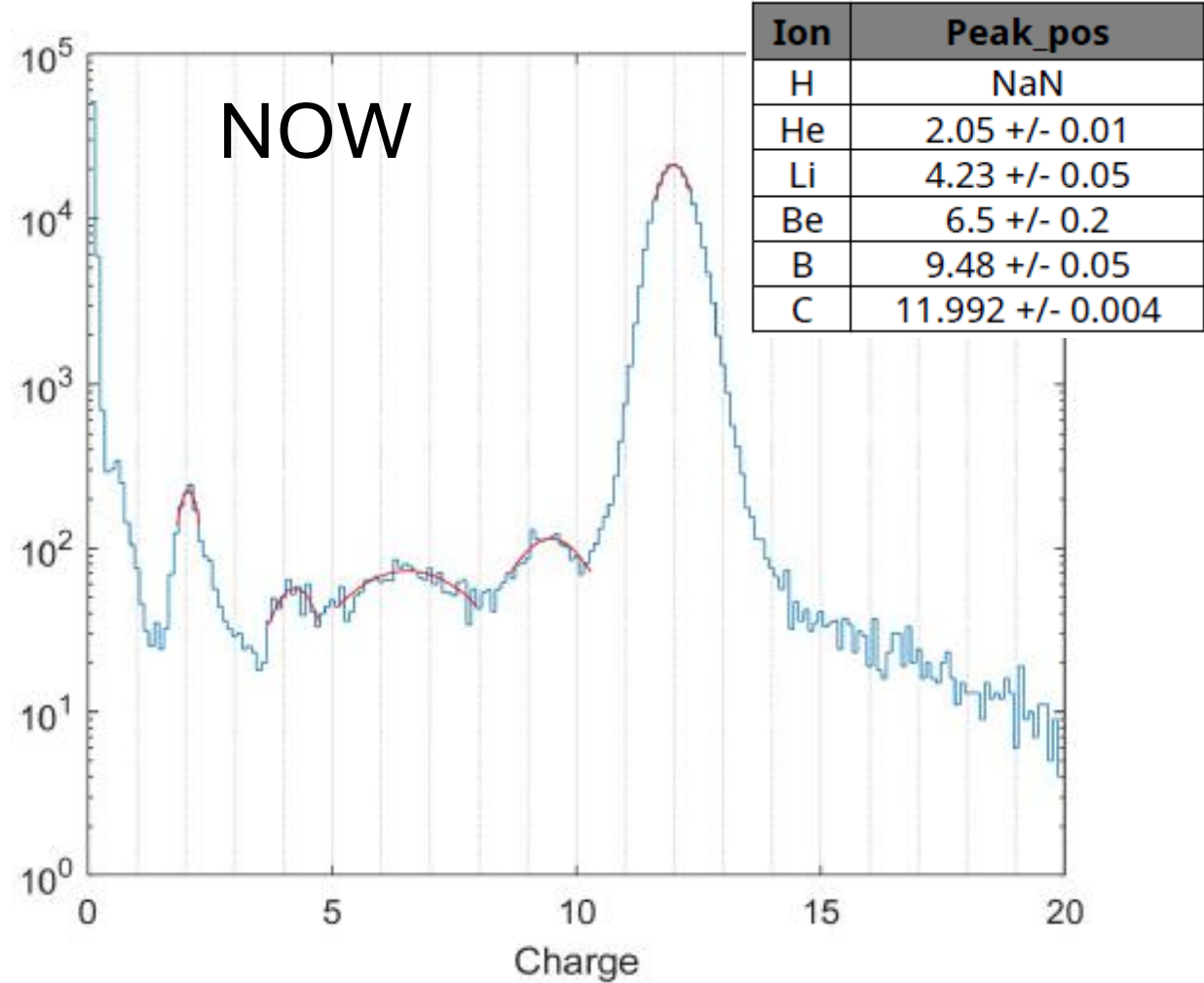
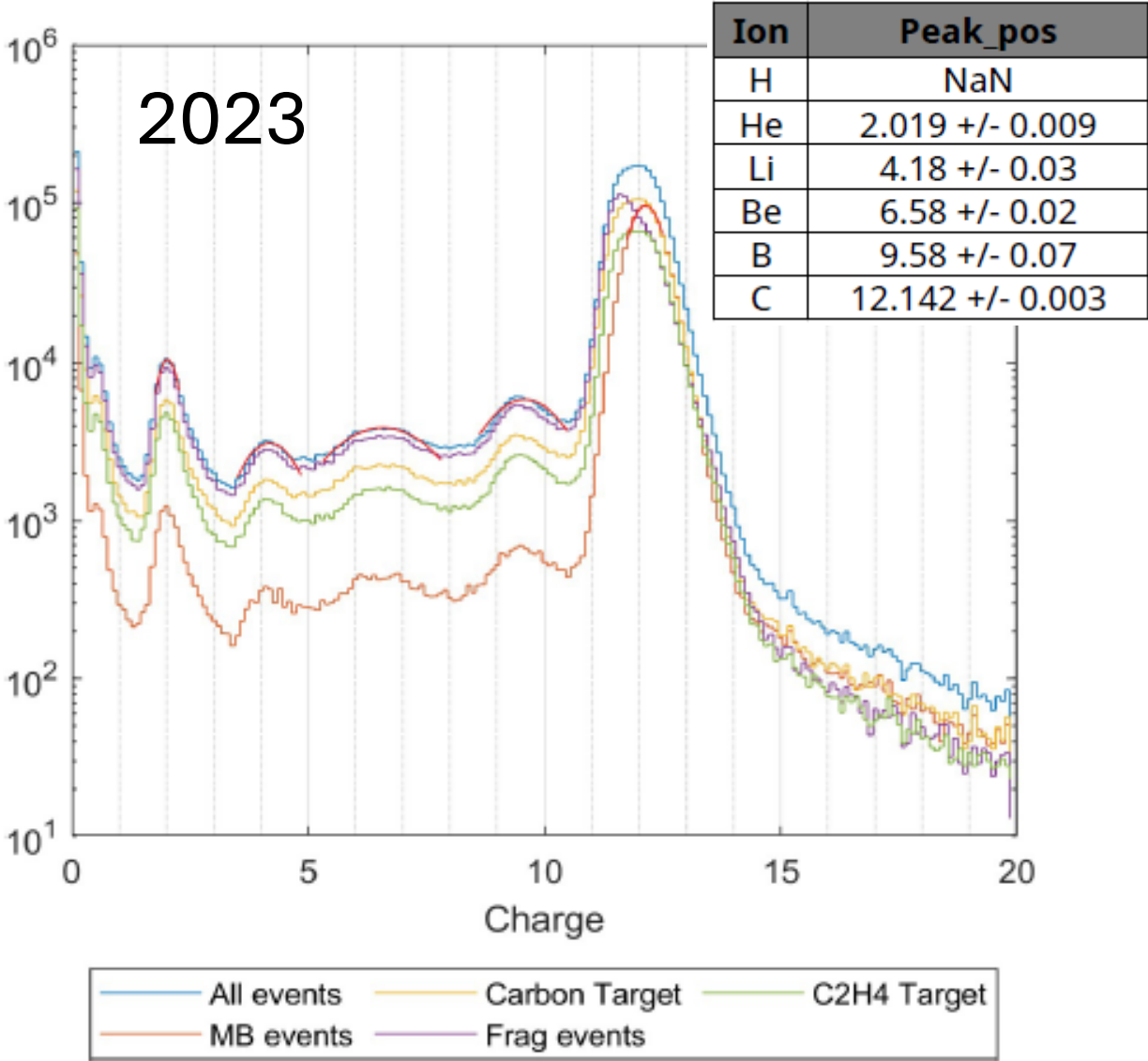
Lots of times in 2025 the He peak is in a bit larger position respect to 2023 (apparently in contrast with the previous slide), but heavier ions are in a bit smaller one.

Given the small statistics up to now it has been used the values obtained in the 2023 for the k-parameter of the Birks' equation, which is not optimal.

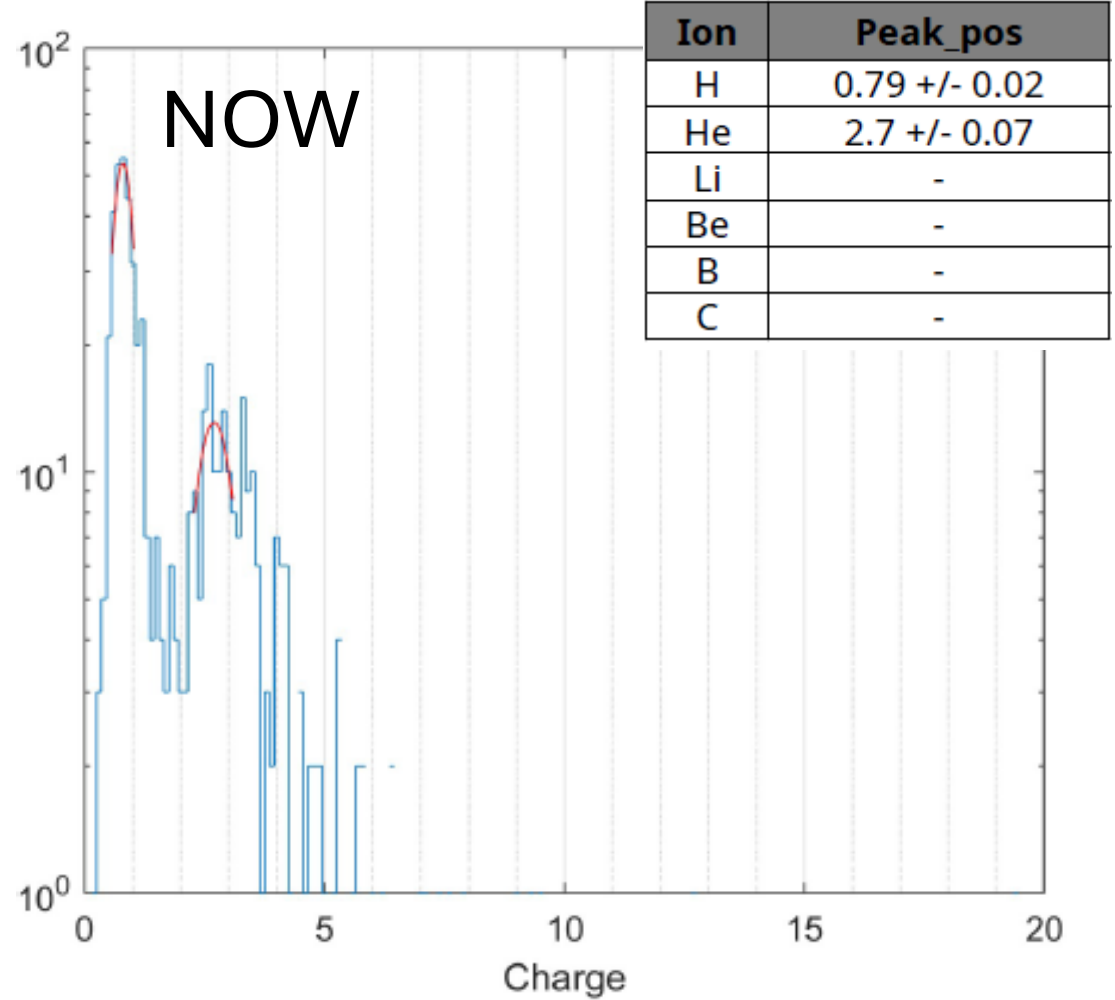
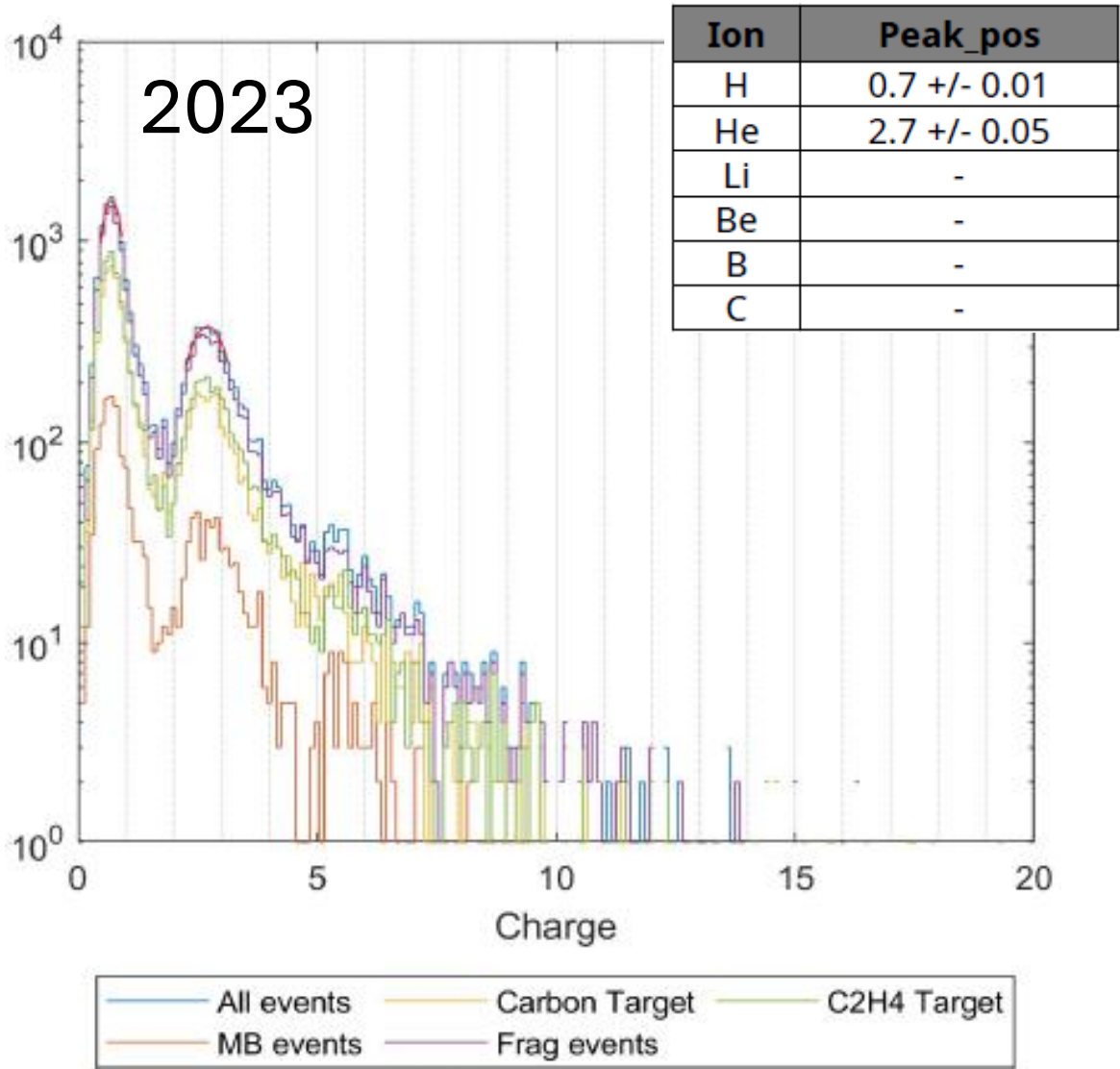
Some examples: bar 30



Some examples: bar 9

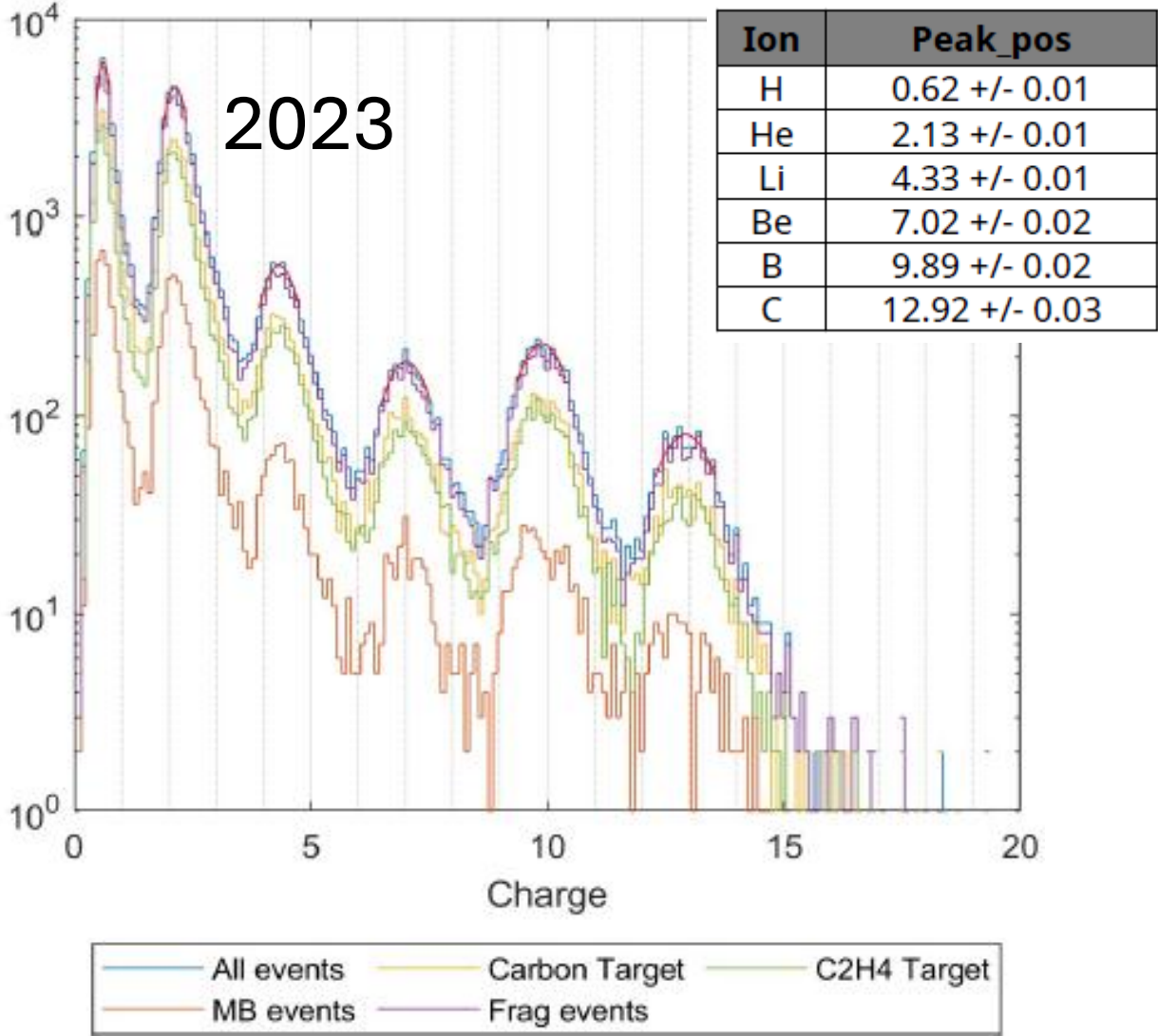


Some examples: bar 19



Some examples: bar 13

2023



NOW

