

Please see the comments below from the reviewing team:

We thank the reviewing team for the kind comments, they have been taken into account in the following way:

"First of all, I was surprised to see the title of the manuscript "Protons and light fragments in Ar+KCl collisions" instead of the content of the talk, but I assume that there are good internal reasons to change the content of the article.

In general, the weight of the different sections needs to be improved - the explanation of the HADES experiment and the method should be shortened to make room for more description and discussion of the results including a separate conclusion section. For example, the interesting 2 peak structure in the rapidity distributions of deuterons and tritons is not discussed at all at the moment.

The HADES section was shortened. As the section is in addition explaining the centrality selection, which is very important for the interpretation of the measured rapidity distributions of the fragments, and analysis steps including efficiency corrections, which is important as this is nowhere else published, this couldn't be further shortened. The discussion and conclusion of the presented data was increased.

Apart from that I have a few minor comments that need to be taken care of, before the article is suitable for publication in the FAIRNESS proceedings:

1) Please spell out p, d and t in the abstract, so that the particle names are once written out in full length **Changed accordingly**

2) The Sections should be enumerated **Changed accordingly**

3) The abbreviation HADES should be explained where it first appears **Changed accordingly**

4) Introduction, end of first paragraph: "...incident kinetic energie"-> "...incident kinetic energy" **Changed accordingly**

5) next sentence: "...to investigate as much as observables..."-> "... to investigate as many observables..." **Changed accordingly**

6) page 2, end of paragraph below Fig. 1: "We find however little sensitivity" - sensitivity to what? I assume the different fit functions for the transverse mass distributions, but this needs to be mentioned. **Changed accordingly**

7) Fig. 2: Please increase the size of the labels **Changed accordingly**

8) Fig. 3: The inlay is not visible at all in black and white printing- can this be improved? **A black and white print out was done and the inlay was good visible. If the size of the picture would be increased, the page limit can not be fulfilled.**

There is a typo in the Caption "wit eq.1"-> "with Eqn. (1)" **Changed accordingly**

9) Fig. 5: The keys of the 3 figures are not visible, they need to be increased or removed. In the caption referring only to color of lines is not helpful for black and white printing. **Changed accordingly**