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Title: Probing the deuteron at very large internal momenta

Referee A

As I wrote in the first report I find this work to be innovative and the data presented here are of significant impact and interest that **should be published in PRL**. However, the submitted second manuscript still fails to address some of the points I raised in the first report. I therefore strongly recommend publication in PRL, following revision of the second manuscript.

1. The connection to SRC is now mentioned. However the references chosen by the authors do not make sense to me. The standard (general) reference to SRC experimental study is: Subedi et al., Science 320, 1476 (2008). The two SRC studies highly relevant to this work (emphasizing high momentum) are Korover et al. and A. Schmidt et al. , Nature volume 578, 540 (2020). Korover et al. is Ref 1 in the new manuscript but the other two are not mentioned. Moreover, Ref 3 is an odd choice, since it is not directly related to the subject.

2. Relativity (no reference to light-cone formalism), Nucleon-Nucleon interaction (no modern EFT calculations). I accept the authors response that these theoretical calculations are out of the scope of
this experimental paper. However, to my opinion they should at least be mentioned and discussed in some reasonable way.

3. Their description of why MEC are suppressed is incomplete. The authors give the MEC amplitude, but do not show that it is smaller than the QE amplitude.

4. “a weighted average of the cross sections were taken in the overlapping regions of pr”. Show consistency.

   They should show the cross section calculated for each setup in the overlap region before they were averaged. The new manuscript shows the raw data and the corrections in the overlap regions (Supp. Figs 9-11) but not the cross sections which would allow the reader to verify their consistency and whether the systematic uncertainties are reasonable.

5. I did not see the requested tables of kinematics and cross sections in the supplemental material.