Dear Editor, We thank the referee for reviewing our paper. Our responses are below.

Second Report of the Referee -- DF11615/Lees

Thanks for your response to my comments and the new version of the paper. I am happy that the paper be published in PRD.

Here are some other small proposed corrections:
In Sec. III, reduce space between "plate" and "chambers"
In Sec. III, replace "stramer tubes" with "streamer tubes"
Sec. VI, 9 lines before the end of page 10, reduce space between "used for" and "\$B\$ events"

We implemented your suggestions.

- The new information in Figs. 4 and 5 is nice, but the choice of colors is sub-optimal (on my printed copy the two different red colors cannot be distinguished)

We changed the colors.

- In Ref. [22], the "et al." should be in italic font

We implemented your suggestion.

Best regards.