**Response to Reviewer comments**

1. Text added which includes the explanation and determination of the attenuation coefficient which was a very helpful suggestion from the reviewer. The equation shown in equation 1 and referenced accordingly. The importance of the non-triviality of the attenuation coefficient calculation was taken with great importance and therefore more emphasis has been placed on the calculation and representation of the attenuation coefficient (equation 1 and figure 3).
2. Fig. was standardised to Figure throughout the text.
3. Spaces and spelling errors throughout the text have been corrected.
4. The title has been adjusted to as best as possible highlighting more of the papers content.
5. All suggested inclusions and sentence changes have been made.
6. As this work deals exclusively with fast neutron radiography, all work that was mentioned concerning thermal neutrons has been referenced accordingly.
7. The time interval for the radiographs (figure 2) have been included.
8. The attenuating nature of neutrons has been appropriately referenced.
9. The effect of the dark current was considered during the analysis (in the calculation of I and I0) but showing the full derivation would detract from the true aim of the paper and it has therefore been referenced accordingly.
10. The conclusion has been accordingly adjusted as per the comments of the reviewer.
11. All requested reference inclusions have been appropriately included.