

Declaration

*I do hereby declare that the present work has been carried out at the department of Physics and the High Energy & Cosmic Ray Research Centre of the University of North Bengal. The present thesis entitled “**Delbrück scattering near pair production threshold**” that is being submitted for the Ph.D. degree (Science) of the University of North Bengal contains an authentic account of research work carried out by me under the joint supervision of Dr. Swapan Kumar Sen Gupta and Dr. Arunava Bhadra. The works reported in the thesis are original except where explicit references are made to the results of other workers.*

I further declare that the thesis has not been submitted earlier to any other University for any degree or diploma.

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Place: University of North Bengal

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