

Effect of graphene monolayer on the transition radiation yield of the radiators based on polyethylene foils

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Measurements of the Transition Radiation (TR) yield from polyethylene foils covered with one monolayer of graphene will be presented. Theoretical description of the TR yield in such radiator and interpretation of the experimental results will be given.

Primary author(s) : Dr. TISHCHENKO, Alexey (MEPhI); Prof. ROMANIOUK, Anatoli (MEPhI)

Co-author(s) : Dr. SERGEEVA, Daria (MEPhI); Mr. VOROBEOV, Konstantin (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Prof. STRIKHANOV, Mikhail (MEPhI); Dr. TETERIN, Peter (National Research Nuclear University "MEPhI"); Dr. SMIRNOV, Sergey (MEPhI); Dr. TIKHOMIROV, Vladimir (P.N.Lebedev Physical Institute, Russian Academy of Sciences)

Presenter(s) : Dr. TISHCHENKO, Alexey (MEPhI)

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