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PS1-09: Creation of Electron-Positron Pairs by Channelled Positrons

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In the present report we consider the cross - symmetrical process to the channelling radiation the electron - positron pair production by channelled positron. We derive the differential over emission angles cross - section of the electron - positron pair production by channelled positron. The angular distribution of created electron and positron is investigated. The dependence on initial positron longitudinal energy is studied.

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