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Methods for centrality determination of Xe+Cs(I) collisions at $E_{kin} = 3.8A$ GeV at BM@N

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The centrality that describes the initial collision geometry is crucial for interpreting experimental data on heavy ion collisions. We present the procedures of centrality determination for the Baryonic Matter at Nuclotron (BM@N) experiment based on the multiplicities of produced particles. The validity of the procedures is assessed using the experimental data for Xe+Cs(I) collisions at beam kinetic energy of 3.8 A GeV.

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