

Constrains on the model of dark matter with Coulomb-like interaction explaining positron anomaly

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It is often supposed that dark matter possesses own interaction in particular like Coulomb. It leads to in-hance-ment of annihilation in Galaxy what helps to explain cosmic ray anomalies, e.g. positrons. We put constrains on such model coming from CMB, hot dark matter abundance and also outline parametr region where classical approach is relevant for description of annihilation through bound state formation. The given constrains are applied to dark disk model.

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