

Dark matter and black holes



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Planck relics as dark matter

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I will survey scenarios that produce Planck-mass relics and assess whether they can stably carry electric, magnetic, or dark charge. I'll examine charge retention and neutralization in the late Universe (including Schwinger discharge and plasma capture), and highlight quantum-gravity effects near extremality—especially for magnetically charged and near-extremal black holes. Finally, I'll outline concrete detection avenues.

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