

Revisiting primordial black hole capture into neutron stars

The authors study a novel stellar catastrophic process where neutron stars swallow primordial black holes, which in turn start swallowing their material, thereby turning them into black holes. In particular, they revisit well-known results on dynamical friction by focussing on several neutron star models and show that while it is very important during the capture process, accretion is the dominant process post-capture.

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