

Impact of Thermalisation Treatment on Kilonova Spectral Simulations

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- energy from radioactive decays transferred to the plasma drives the luminosity of kilonovae (KN)
- for KN spectral modelling it is important to understand how that energy transfer occurs
- explore different treatments from literature, including a detailed transport scheme
- the treatments lead to substantial changes in the luminosity from which the ejected mass is inferred

→ detailed transport modelling is important

