Compact object mergers are a candidate site for r-process nucleosynthesis. Look at the picture below of an accretion disk formed by the merger of a black hole and a neutron star. It is color coded by neutrino emission temperature. (red: 11 MeV neutrinos, light blue: 1 MeV neutrinos) Do you think that hot outflows from this disk will make the r-process? Explain your reasoning.