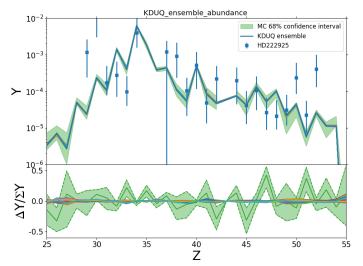
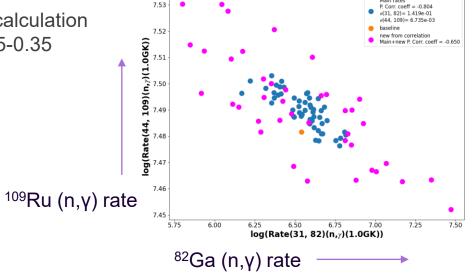


Impact of uncertainties and correlations in optical model potential on weak *r*-process

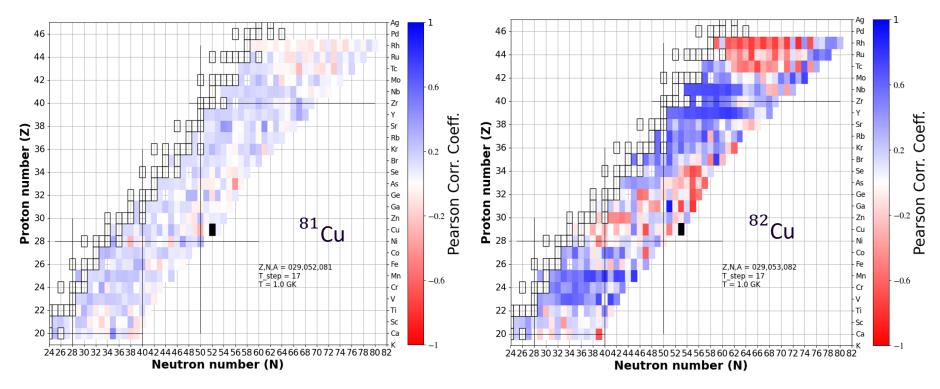


Koning-Delaroche Uncertainty Quantified (KDUQ) – Global, phenomenological OMP with KD parameter estimation distribution, Pruitt *et al.* (2023) Employed in neutron-capture [(n, γ)] reaction calculation Weak r-process: 1st r-process peak ~ Y_e ~0.25-0.35

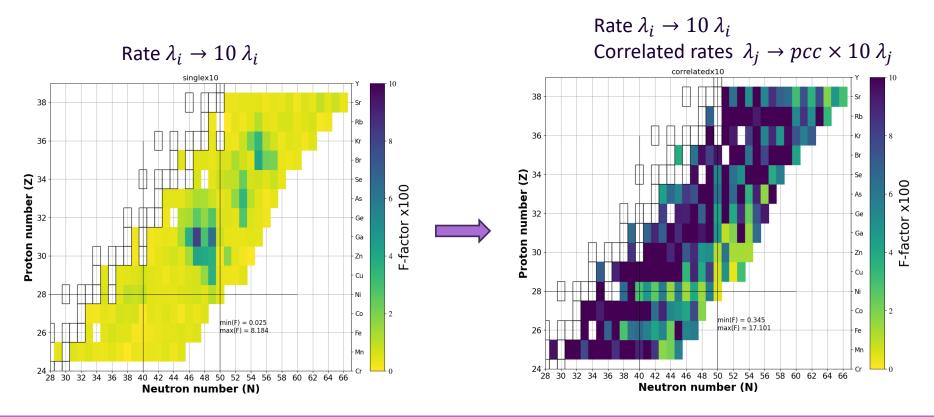




Impact of uncertainties and correlations in optical model potential on weak *r*-process



Impact of uncertainties and correlations in optical model potential on weak *r*-process



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