AMU/CEA 2022 Report

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Outline – AMU tasks in 2022

➢ Manage the technical interface with ACH for Eiron :

guidance on relevant mechanisms, on Monte Carlo principles, on how to compare to EIRENE

➢ Manage the technical interface with ACH on IMAS :

guidance on input/output format, providing test cases

Outline – AMU tasks in 2022

➢ **Remove B2 spill-over into EIRENE** in forks/iter/develop to prepare for the eirene_unified branch (branches species_rescaling_dr3-PB_AMU & compiling_issues_JSON8.2.5_gfortran)

➢ **MPI parallelization of the rate coefficient calculation** in the preparation for the use of CRM models. Testing ongoing (tested on 2D-D_slab case so far), branch parallel_ColRad_WIP