



January, 2026 | CSEWG

# Chlorine evaluation

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PRESENTED BY

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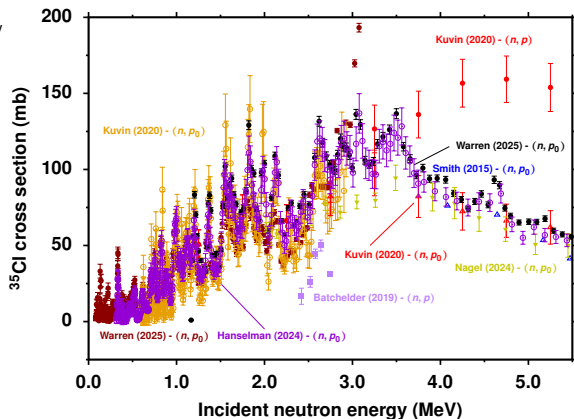
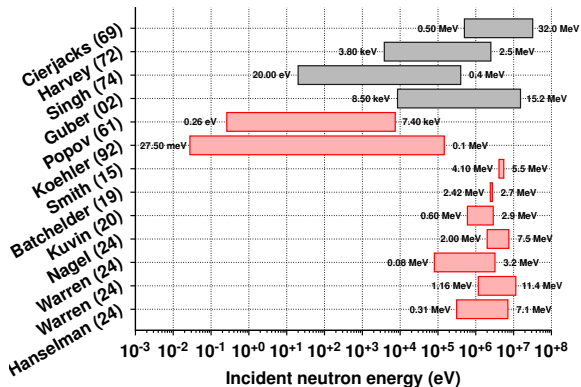
# R-matrix evaluation overview<sup>(a)</sup>

## Current status

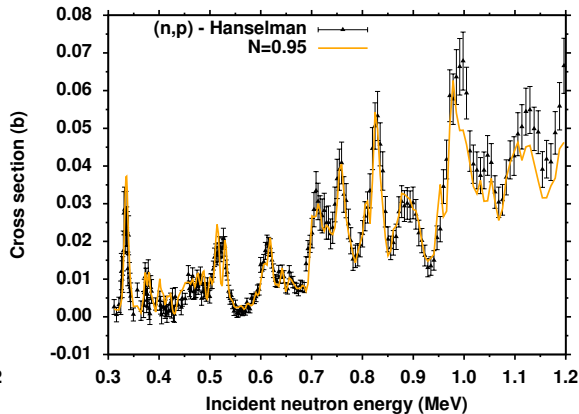
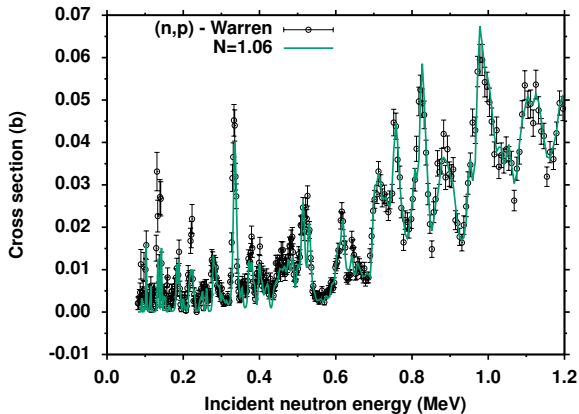
- RRR Evaluation up to 1.2 MeV used latest Warren's and Hanselman's ( $n, p_0$ ) data
- ENDF submitted to the GitHub repository
  - Covariance format to be resolved
- Tests on complete file ORNL+LANL initiated
- Validation initiated with TerraPower models and NCSP benchmarks
- Two detailed presentations (CSEWG2024 and ND2025) and ORNL/LTR-2025/3751 report

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# Evaluation overview



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# ANNOUNCEMENT

## 2026 R-matrix workshop on methods and applications

- Where : ORNL
- When : 13–17 July 2026
- Topic : Neutron induced nuclear data library

### Organizing Committee

- Marco Pigni (ORNL)
- Carl Brune (OU)
- James deBoer (UND)
- Mark Paris and Gerry Hale (LANL)
- Konstantinos Kravvaris (LLNL)
- Edward Simpson (ANU)
- Jakub Skowronski (INFN)