

Program

18–22 Nov 2024

Consultants' Meeting on International Nuclear Data Evaluation Network for Light Elements (INDEN-LE)

IAEA Headquarters, Vienna, M0127

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Monday 18 November

10:00

Test 3: 7Be evaluation practical session

Session

12:00

12:00

Lunch break

Break

13:30

13:30

Welcome - Introduction

Session | Convener: Paraskevi DIMITRIOU

13:30–14:00

Introduction and goals

Speaker

Paraskevi DIMITRIOU

14:00

14:00

Presentations I

Session

14:00–14:50

Systematically evaluate Be7 using Reduced R-matrix theory

Speakers

Jie Liu, XU Han

14:50–15:40

Application of calculations in the 7Be system and further progress with the 17O system

Speaker

Richard deBoer

15:40–16:30

R-matrix analysis of n+natCl reactions relevant to criticality safety benchmarks and molten-salt reactor designs

Speaker

Marco Pigni

16:30–16:45

Status report on 19F(alpha,n) and 7Be

Speaker

Paraskevi DIMITRIOU

16:45–17:00

Comments on nuclear structure data

Speaker

John Kelley

17:00

Tuesday 19 November

10:00

Test 3: 7Be evaluation practical session

Session

12:00

12:00

Lunch break

Break

13:30

13:30

Presentations II

Session

13:30–14:20

Review of experimental parameter marginalization methods for the production of covariance matrices

Speaker

Pierre TAMAGNO

14:20–15:10

Uncertainty Estimation for R-matrix Evaluations

Speaker

Jakub Skowronski

15:10–16:00

BRICK and beyond: Bayesian analyses of low-energy ^3He - ^4He data using R-matrix and Effective Field Theory

Speaker

Daniel Phillips

16:00–16:50

R-matrix analysis of ^8Be system

Speaker

Som Paneru

17:00

18:30

Dinner

Session

21:30

Wednesday 20 November

10:00

Test 3: ^7Be evaluation practical session

Session

12:00

12:00

Lunch break

Break

13:30

13:30

Roundtable discussion: Future of INDEN-LE and how to proceed

Session

17:00

Thursday 21 November



Friday 22 November

10:00
13:00

Discussion-drafting report
Session