

Derived data

Discussion

Communities of users of GND

Evaluators: write

Processing codes: read, write

MC transport codes: read

Deterministic transport codes: read, write (?)

- *do we have enough representatives?*

- *grouped xs: flux weighting; multi-parametrized*

- *code dependent?*

Bateman solvers

Derived Data for MC (1/2)

Needed:

- Pointwise XS (T)
 - *common energy grid for all xs at each T*
- Probability Tables (URR + RRR)
 - *PURR, CALENDF, Groupon*

Useful:

- Summed reactions: total, absorption,
- Production XS (?): p, d, t, alpha,
 - *collision production only*
- Heat production:
 - w/o photon transport*

Derived data for MC (2/2)

- Dpa

Future needs:

Multipole representation of RRR (?)

... (extensible)