

# Covariance Matrix

- A two step procedures has been proposed by CEA. In the first phase each participant use their own, an in the second one a common covariance matrix is used in order to identify methodology only effects.
- The common matrix can be the AFCI 1.2 (or 1.3 if available), by BNL, in a 33 group structure. If different group structure, BNL should agree to generate it. We need release permission from the AFCI program?
- Alternative for the common matrix could be an agreed “fabricated” covariance matrix (e. g. in house ANL 15 group covariance matrix of report: 221. G. Palmiotti, M. Salvatores, “Proposal for Nuclear Data Covariance Matrix”, JEFDOC 1063 Rev.1, January 2005)
- Other candidates?