December 19th, 2006
Madrid

Minutes of the meeting held at CIEMAT

In the meeting held at CIEMAT in Madrid, the participants Dr. Frank Gunsing (CEA, Saclay), Prof. Leonid Ponomarev (Kurchatov Institute, Moscow), Dr. Enrique González and Dr. Daniel Cano-Ott (CIEMAT, Madrid) have agreed on the need of joining efforts for measuring and evaluating the new minor actinide (MA) data necessary for the design of MA-burners (ADS and critical reactors).

The participants proposed that this initiative should include the ISTC projects #1749 and #2952 and complement them with neutron capture cross section measurements at the n_TOF facility at CERN. It was proposed also that the institutions not participating in the ISTC projects directly will create a consortium which will act as an external partner of the ISTC projects. At present, the European Institutions CEA, CIEMAT and FZK have expressed their interest to build such a consortium. Other Institutions from ISTC member countries such as USA, Japan, Korea and Canada are welcome to participate in the consortium.

The Russian Institutions will focus on the fission cross section measurements described in the ISTC projects #1749 and #2952. In addition, they will provide MA samples for the neutron capture cross section measurements at the n_TOF facilty at CERN. CEA and CIEMAT will concentrate on the neutron capture cross section measurements of MA as a part of the n_TOF-Ph2 experimental programme.

The participants of the meeting agreed that they will try to fund, on a best effort basis, a significant fraction of the mentioned ISTC projects cost and contact additional potential partners from the USA, Japan, Korea and Canada interested in MA data. They will inform the ISTC representatives of the corresponding ISTC member states about this initiative and suggest them to recommend the ISTC funding of the remaining part of the project.

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