

The experiences in evaluation of Standard Reference Data**H. Cho**

Chungnam National University, Daejeon, Korea

E-mail address of main author: hcho@cnu.ac.kr

Electron-molecule scattering cross sections are vital in modelling and characterising the various plasmas.

To serve industrial and scientific communities, South Korean government set up Standard Reference Data Centers including a plasma data center. The status of the available cross sections of electron-molecule scattering, difficulties and problems in evaluating cross section data, and some suggestions will be presented, based on the author's experiences in evaluation of standard reference data relevant to the plasma applications.

The specific examples of evaluation criteria and evaluated data will also be discussed.