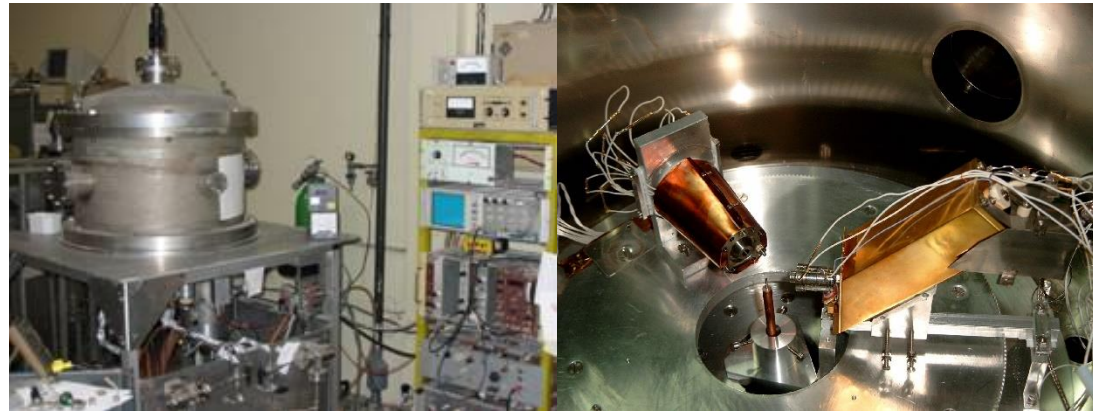
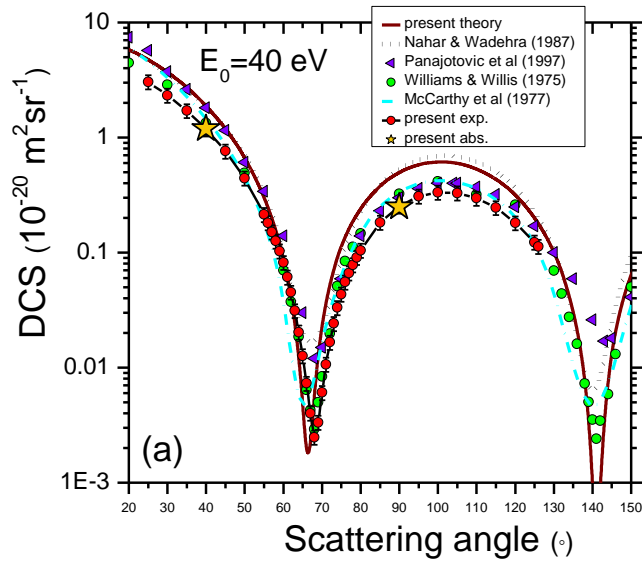
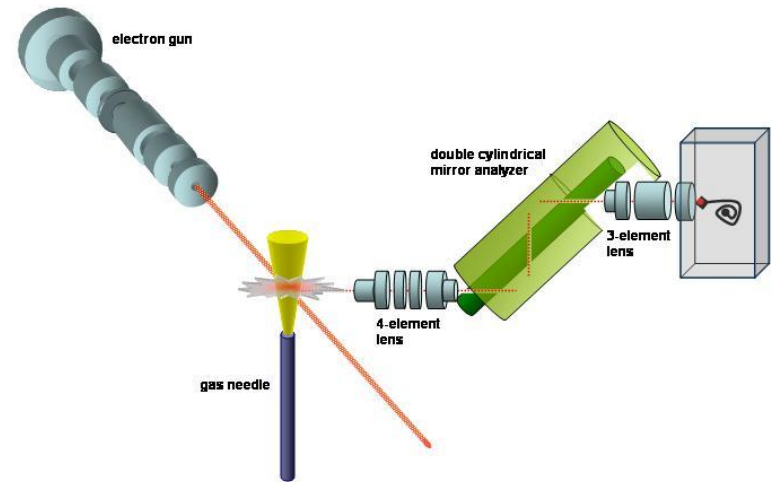


# Electron spectrometer UGRA

## Angular distributions of electrons and ions

- Diferencijalni i integralni preseki za elastično rasejanje elektrona na atomima i molekulima (od biološkog interesa – radiation damage).
- Sistem za poređenje preseka metodom relativnih protoka. Analiza rasejanih elektrona u dvostrukom cilindričnom analizatoru.
- Mlaz elektrona: 10 – 350 eV; 0,1 -1  $\mu\text{A}$
- Mete: Ar, CH<sub>4</sub>, THF, Pyrimidine, Halothene, Methylformamide Triethyl-phosphate,...



Vukalović *et al.* "Elastic electron scattering from methane molecule in the energy range from 50-300 eV" *Int. J. Molec. Sci.* 22(2) 647 (2021) [14pp] [doi: 10.3390/ijms22020647](https://doi.org/10.3390/ijms22020647)