

Electronic Supplementary Information

Complete ligand loss in electron ionization of the weakly bound organometallic tungsten hexacarbonyl dimer

Michael Neustetter^a, Andreas Mauracher^a, Paulo Limão-Vieira *^b and Stephan Denifl*^a

^a Institut für Ionenphysik und Angewandte Physik, Leopold Franzens Universität Innsbruck,
Technikerstrasse 25, A-6020 Innsbruck, Austria.

^b Laboratório de Colisões Atómicas e Moleculares, CEFITEC, Departamento de Física, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal.

* Email: stephan.denifl@uibk.ac.at (Stephan Denifl), plimaovieira@fct.unl.pt (Paulo Limão-Vieira)

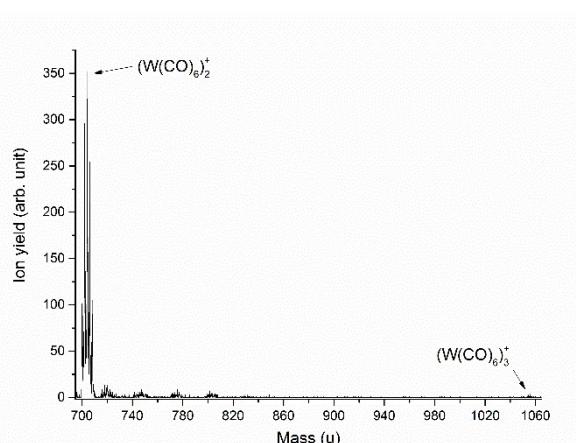


Figure S1 Electron ionization mass spectrum of $W(CO)_6$ in the mass range from the dimer (704 u) up to the trimer (1056 u). The spectrum shown was recorded at the electron energy of 70 eV.

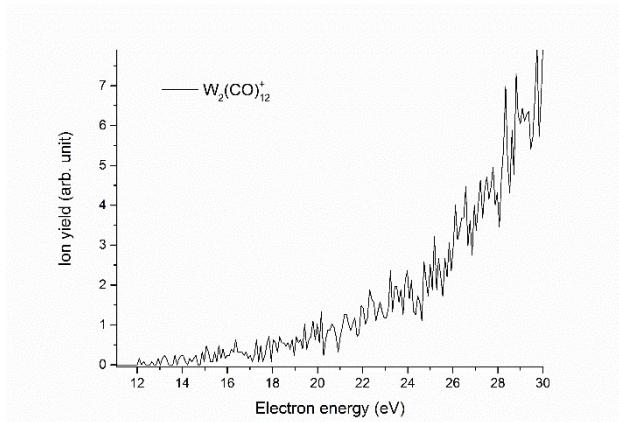


Figure S2 W₂(CO)₁₂⁺ ion yield as a function of the initial electron energy.