Abstract Submitted
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Electron and photon ionization of the BeH molecule S D LOCH, M S PINDZOLA, Auburn University — One of the primary candidates as a facing component in many fusion plasma devices is Be. Erosion of the Be walls when in contribution with plasmas leads to the formation of BeH. A configuration-average distorted-wave method is used to calculate electron and photon ionization cross sections for the BeH molecule. The electron ionization cross sections are compared with previous Deutsch-Mark (DM) and Binary Encounter Bethe (BEB) calculations. The photon ionization cross sections are compared with previous Molecular-adapted Quantum Defect Orbital (MQDO) calculations.

M S Pindzola
Auburn University

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