



Contribution ID: 224

Type: poster

Optical Lasing during Laser Filamentation in the Nitrogen Molecular Ion: Ro-vibrational Inversion

Wednesday 3 July 2019 18:00 (2 hours)

We propose a mechanism that explains the population inversion between the $B^2\Sigma_u^+$ state and the $X^2\Sigma_g^+$ state and is based on the combined effect of several processes.

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Session Classification: Poster session 2