



Contribution ID : 87

Type : Oral talk

Resonant states of muonic three-particle systems with lithium, helium and hydrogen nuclei

Thursday, 24 October 2024 11:00 (15)

Muonic molecular ions $\text{He-p-}\mu$ and $\text{Li-p-}\mu$ are studied numerically in the variational approach. Using the complex coordinate rotation method we calculate energies of resonant states. These molecular systems may be of interest for studying low-energy fusion reactions.

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Session Classification : Nuclear

Track Classification : Nuclear physics