

Program EVALPLOT
(Version 2021-1)

by

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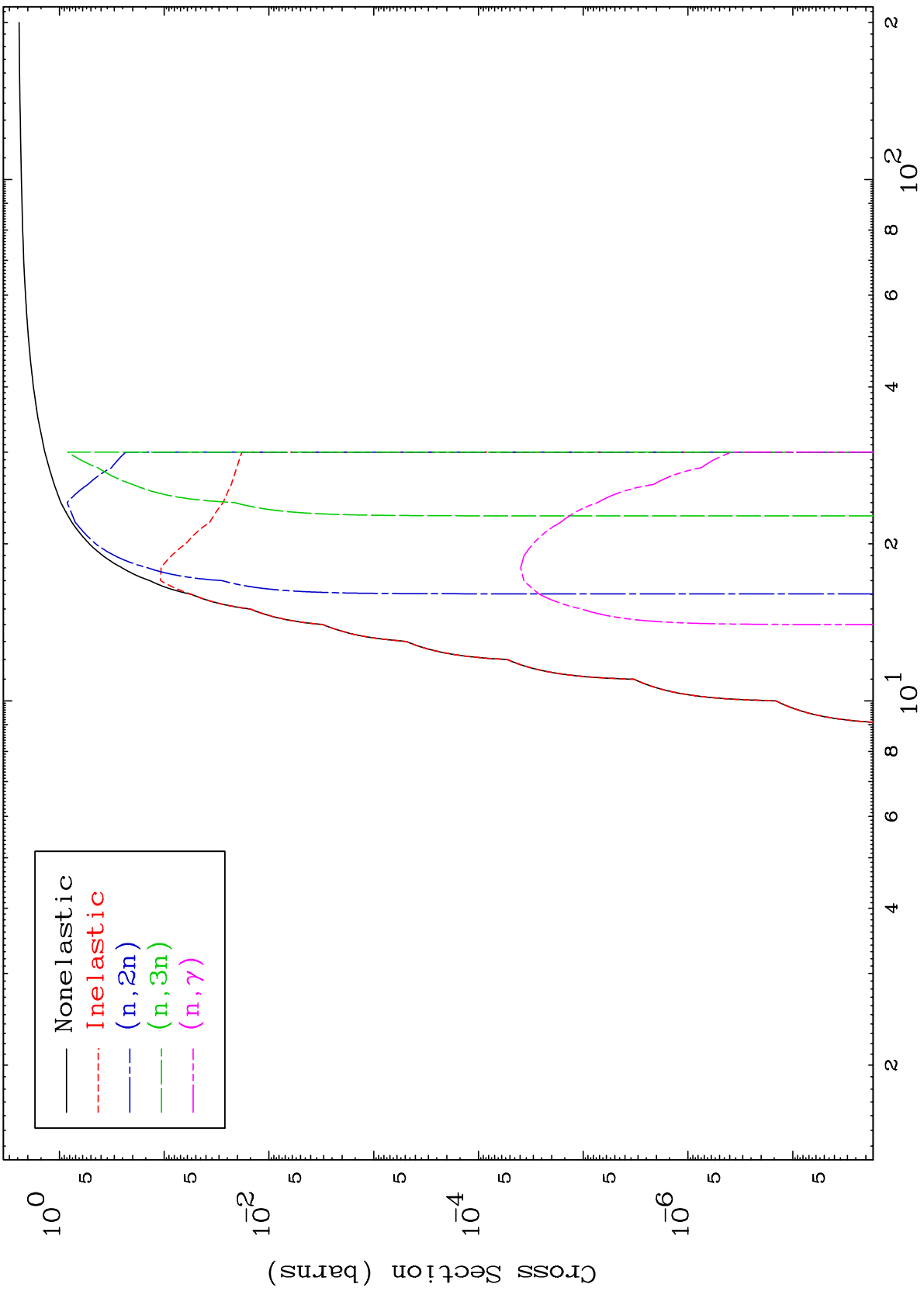
Press Mouse Button to Start

MAT 6153

α Major

61-Pm-148m

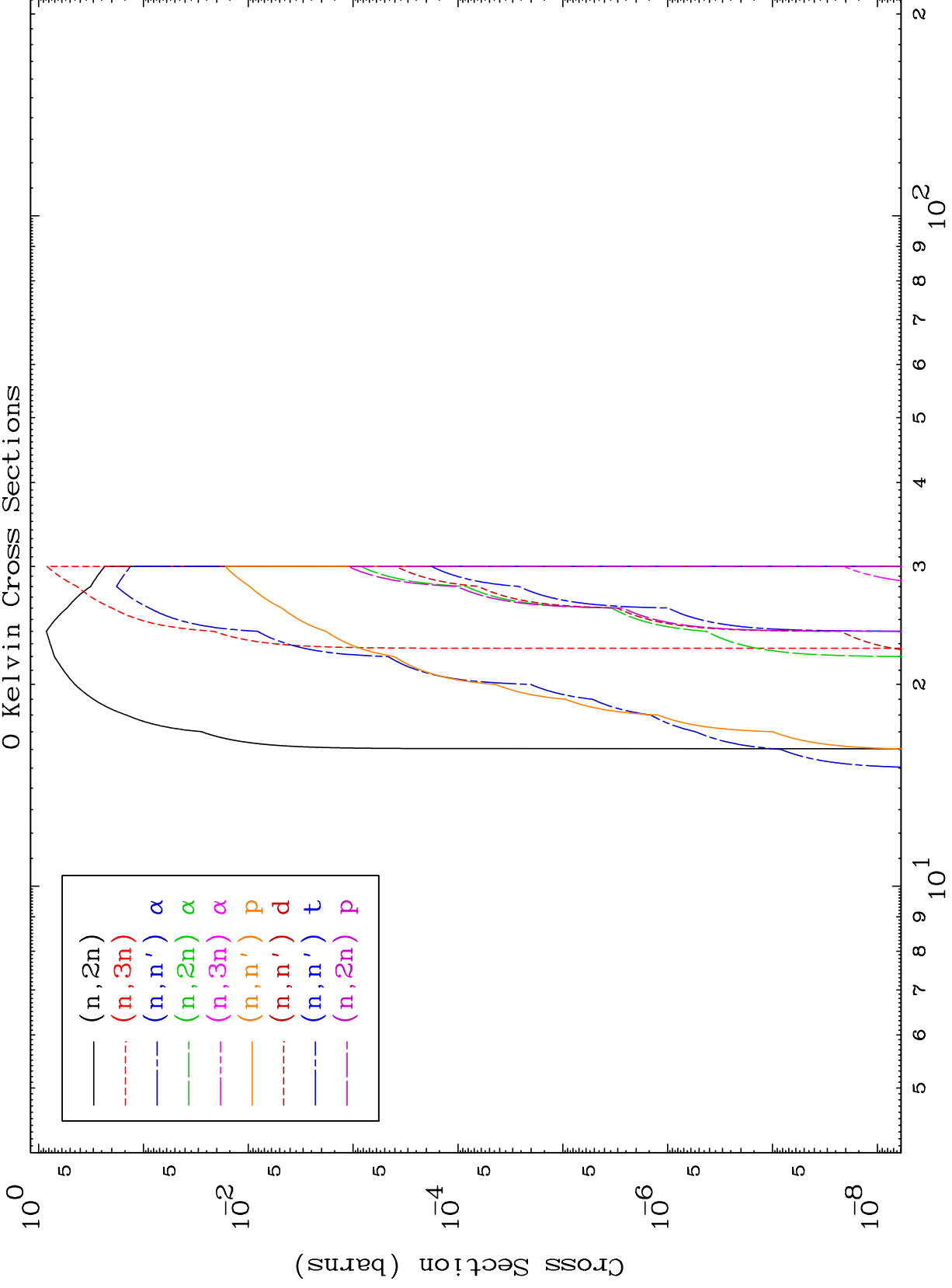
0 Kelvin Cross Sections



MAT 6153

α Neutron Absorption
0 Kelvin Cross Sections

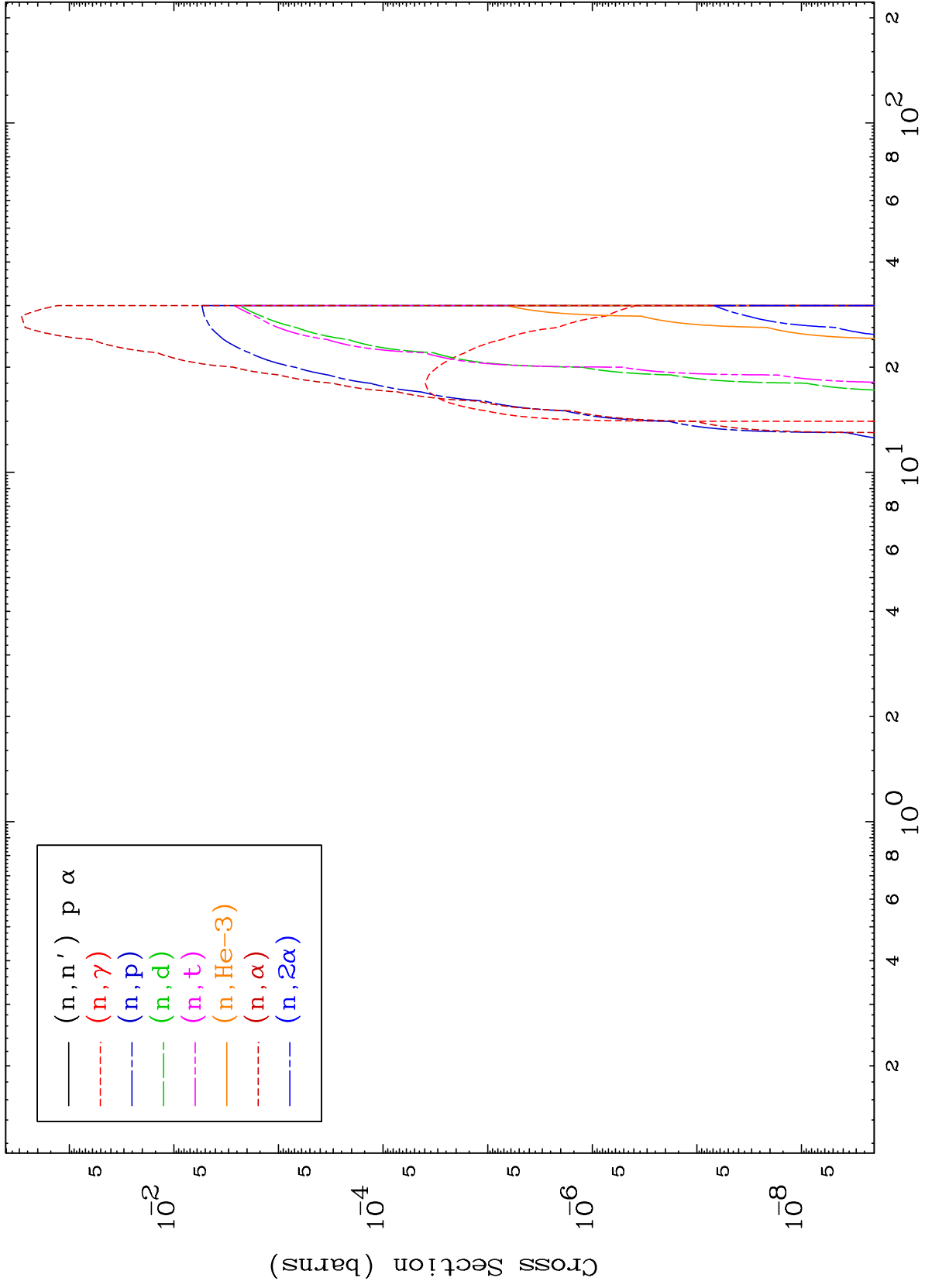
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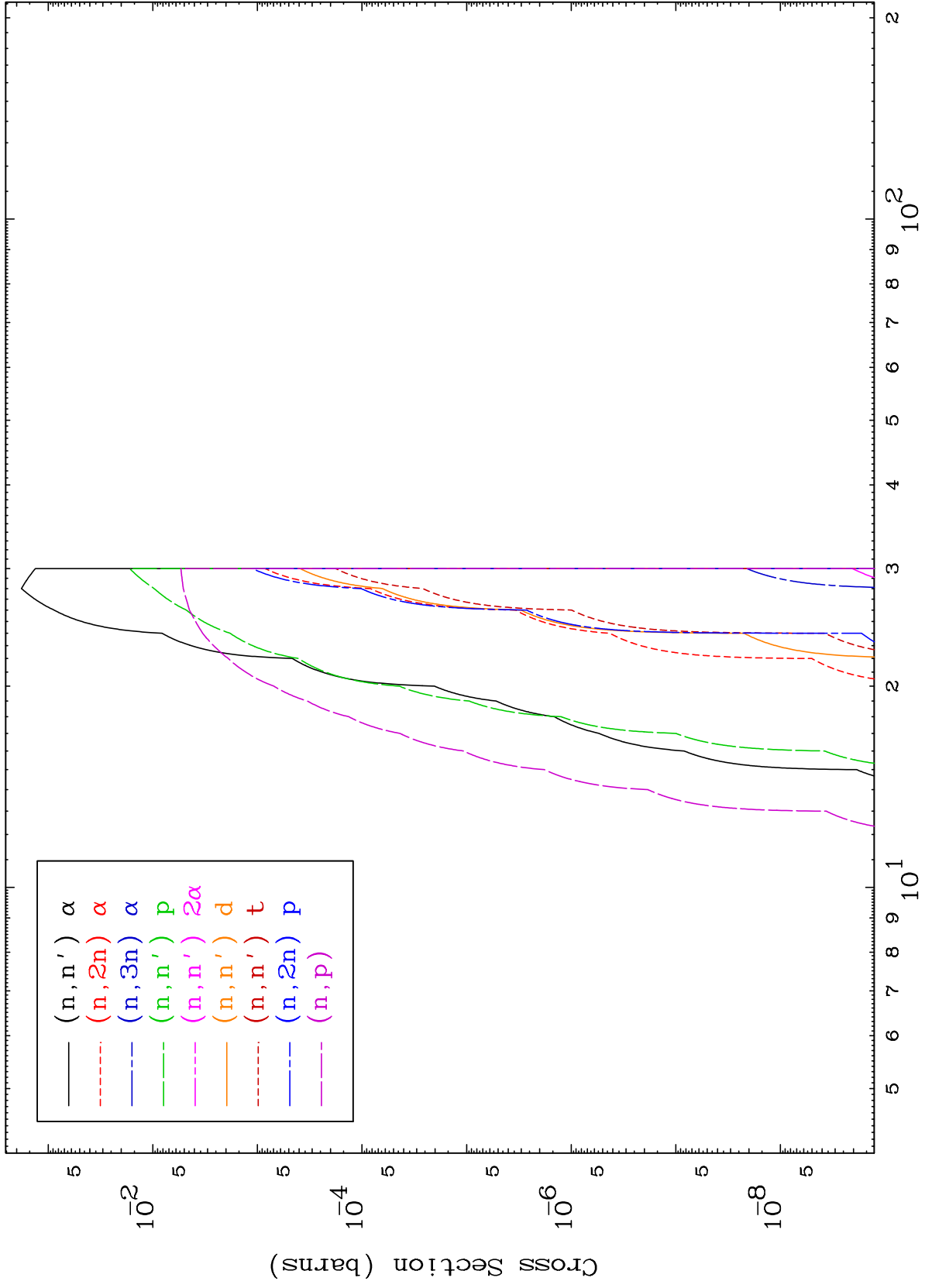


MAT 6153

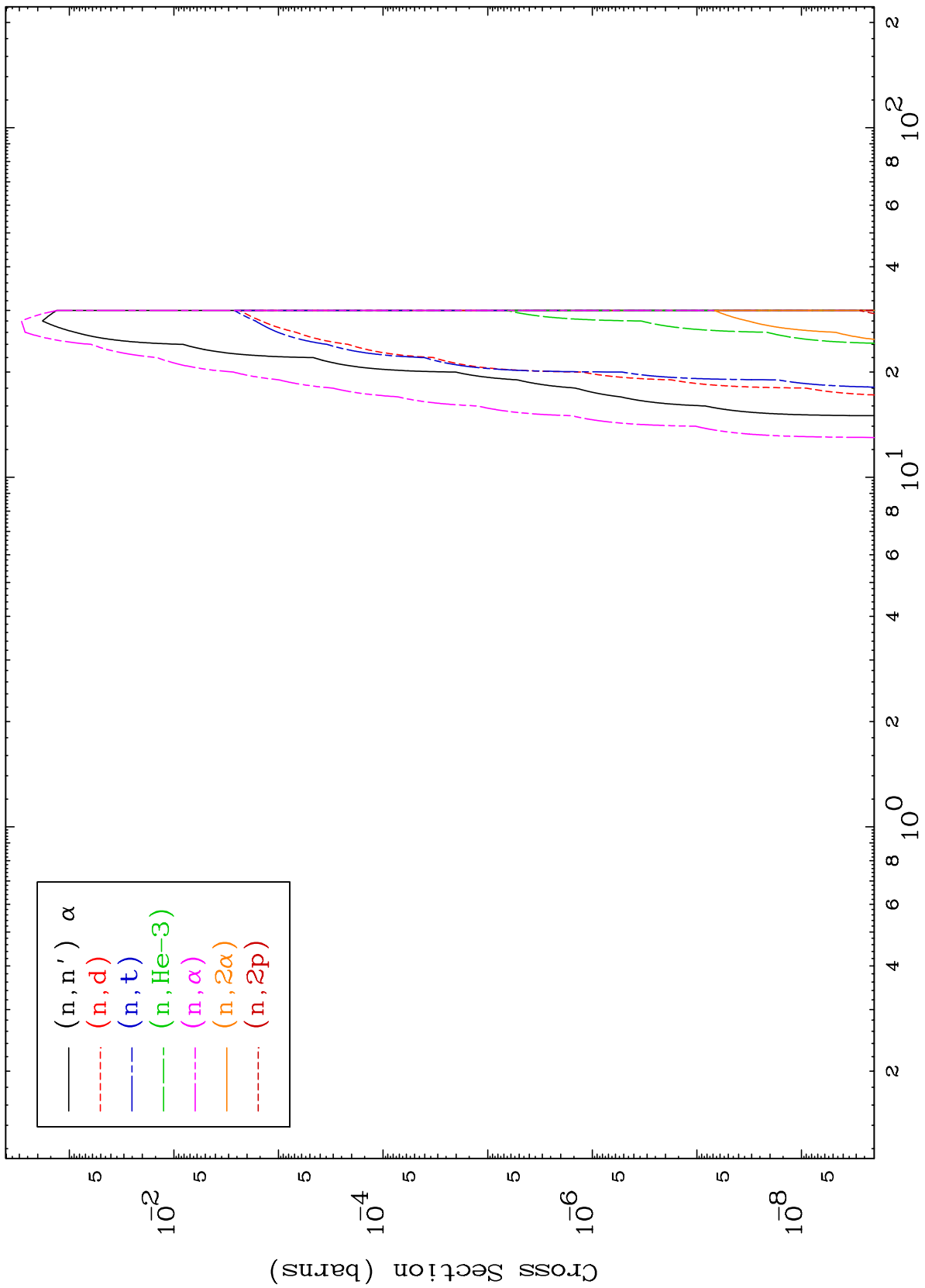
α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-148m





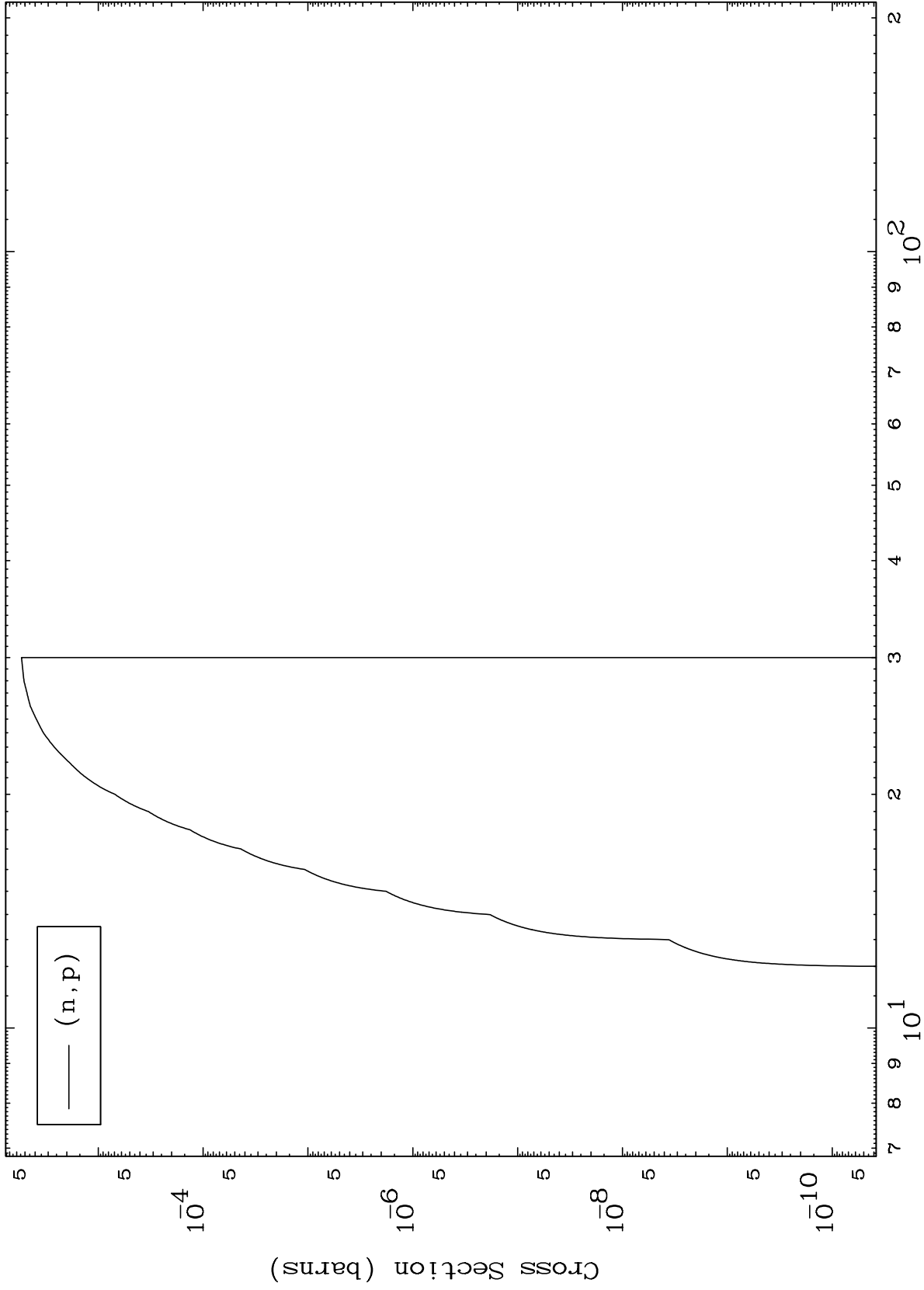
0 Kelvin Cross Sections



MAT 6153

(α, p) Levels
0 Kelvin Cross Sections

61-Pm-148m



Incident Energy (MeV)

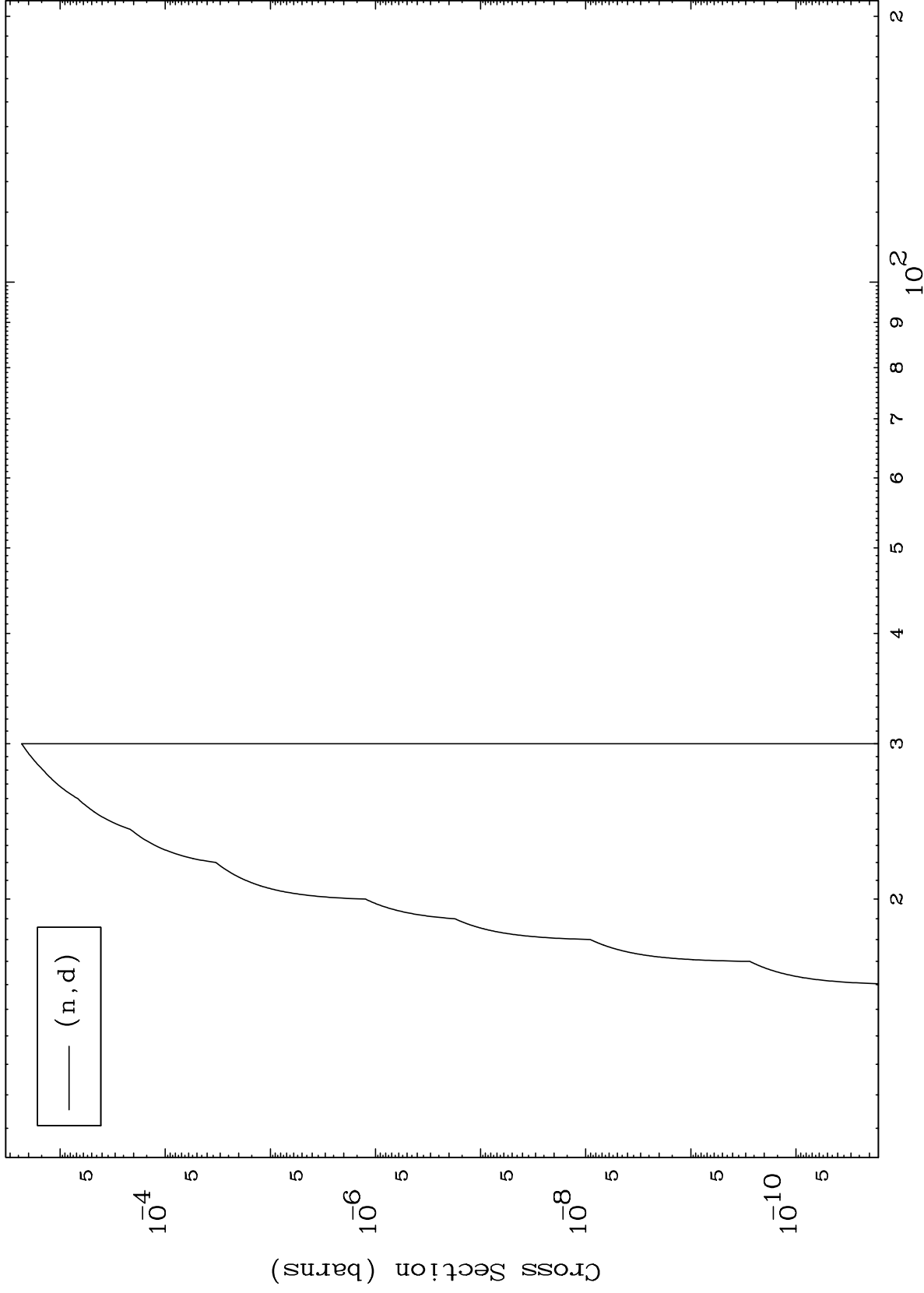
61-Pm-148m

6

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(α, d) Levels
0 Kelvin Cross Sections

61-Pm-148m



7

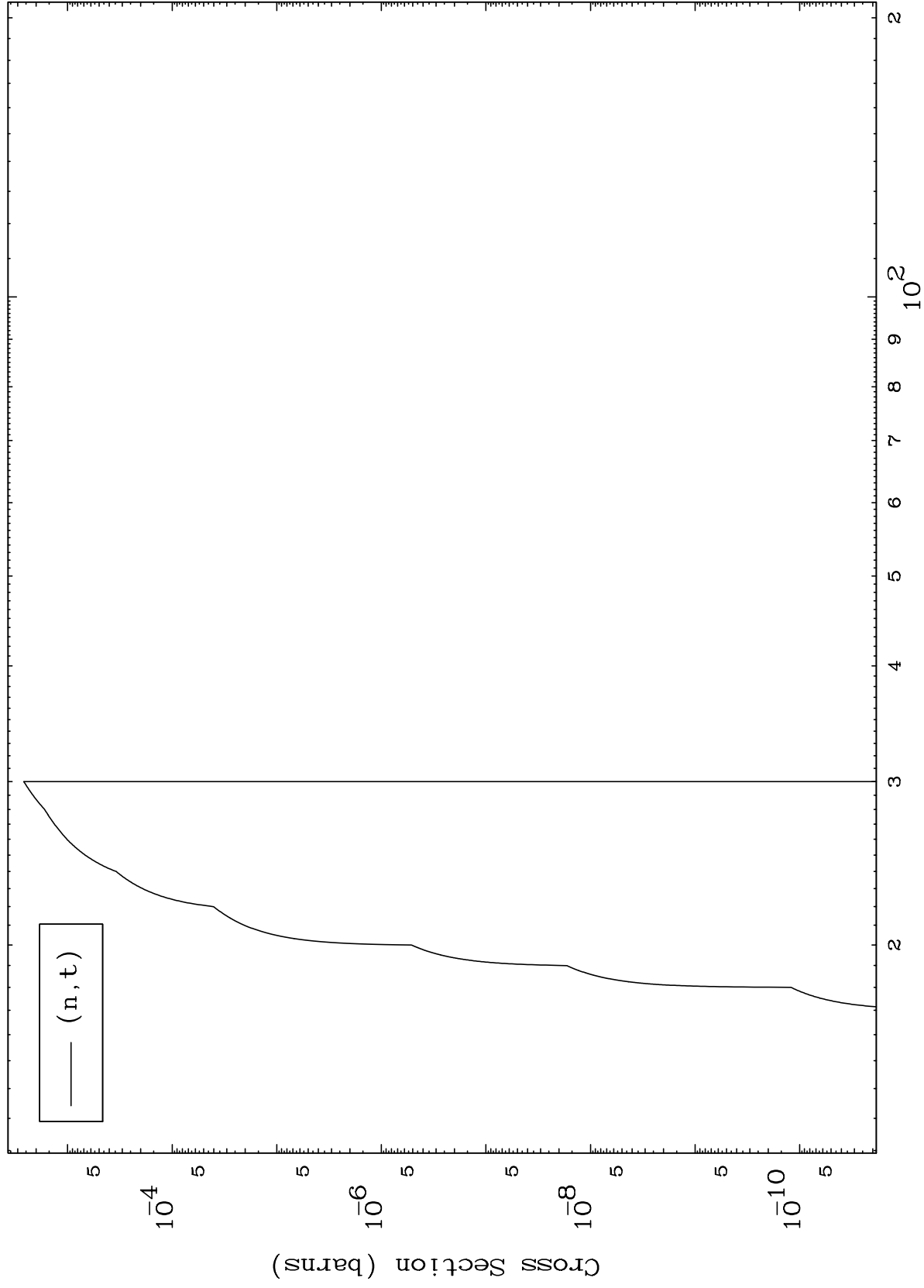
Incident Energy (MeV)

61-Pm-148m

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(α, t) Levels
0 Kelvin Cross Sections

61-Pm-148m



8

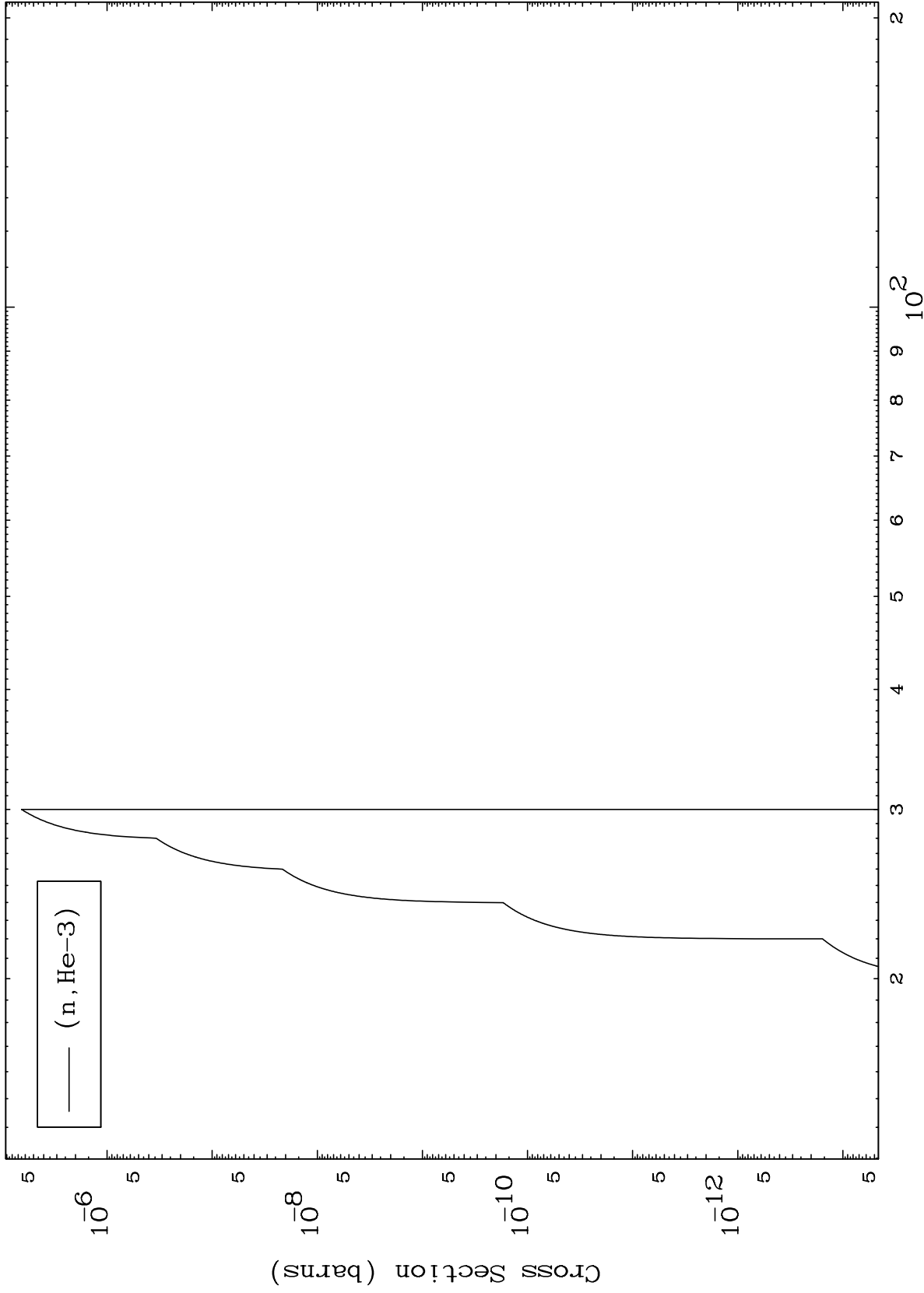
Incident Energy (MeV)

61-Pm-148m

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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

61-Pm-148m

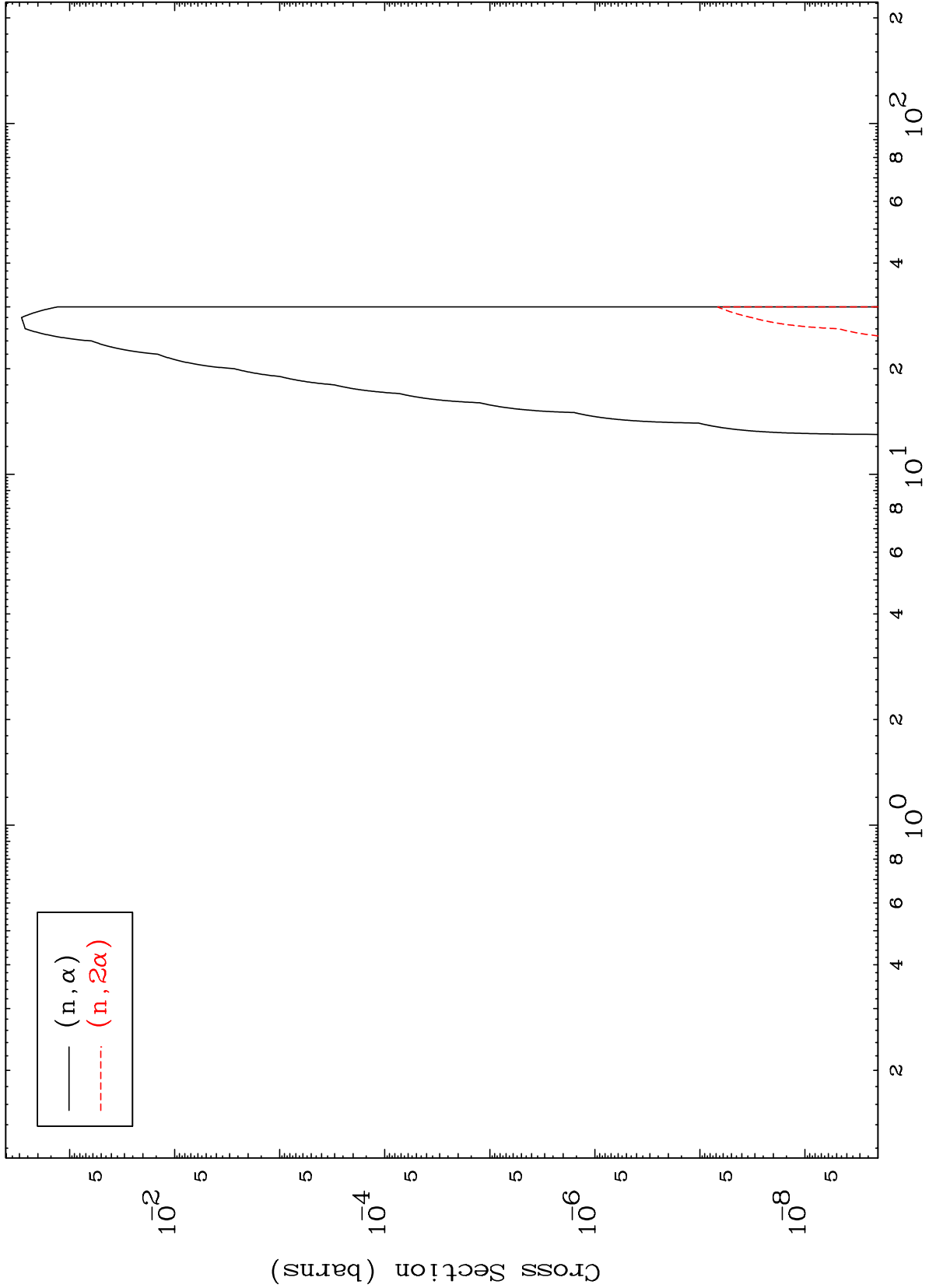


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(α, α) Levels

61-Pm-148m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

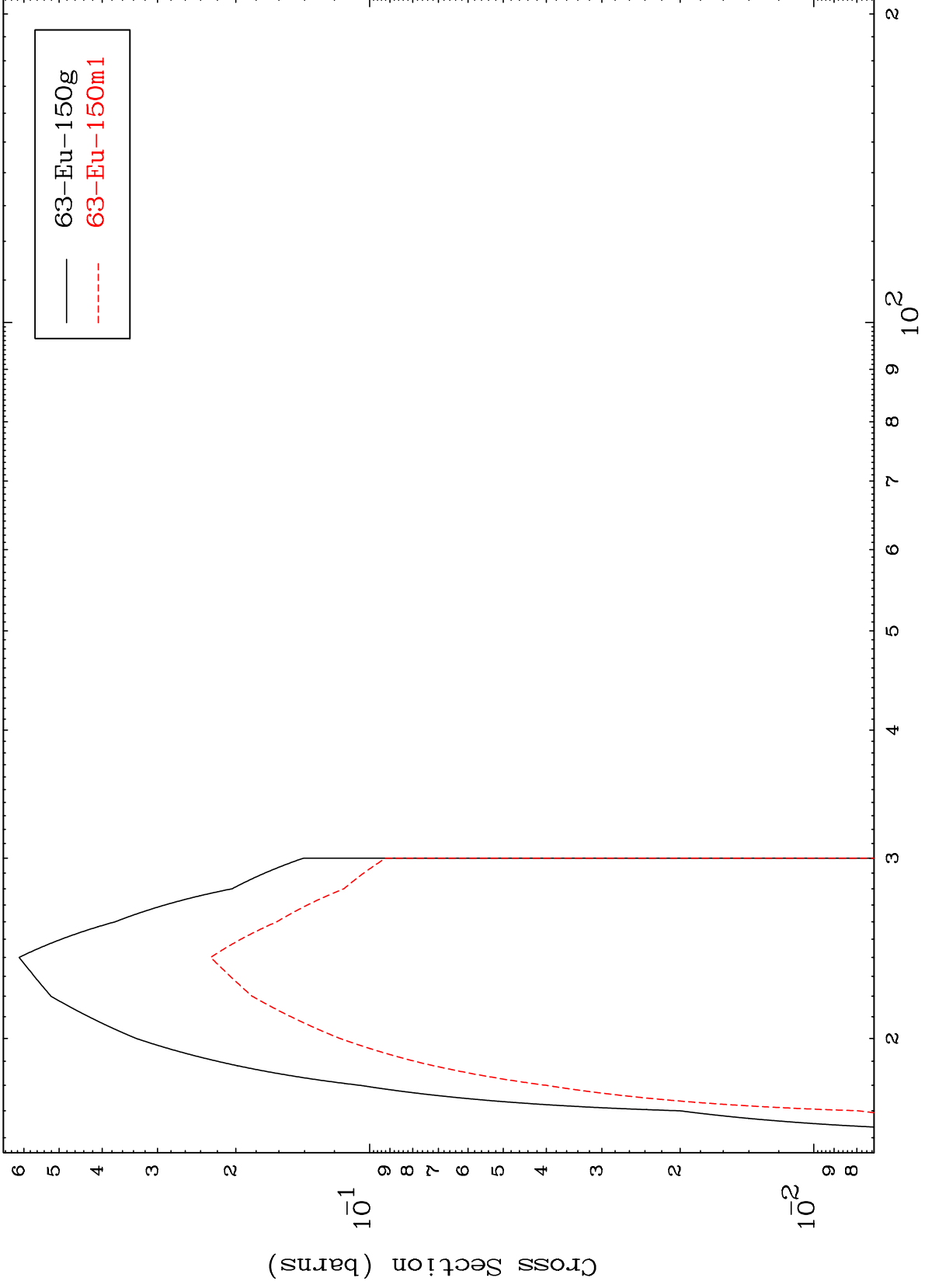
61-Pm-148m

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(n,2n)

61-Pm-148m

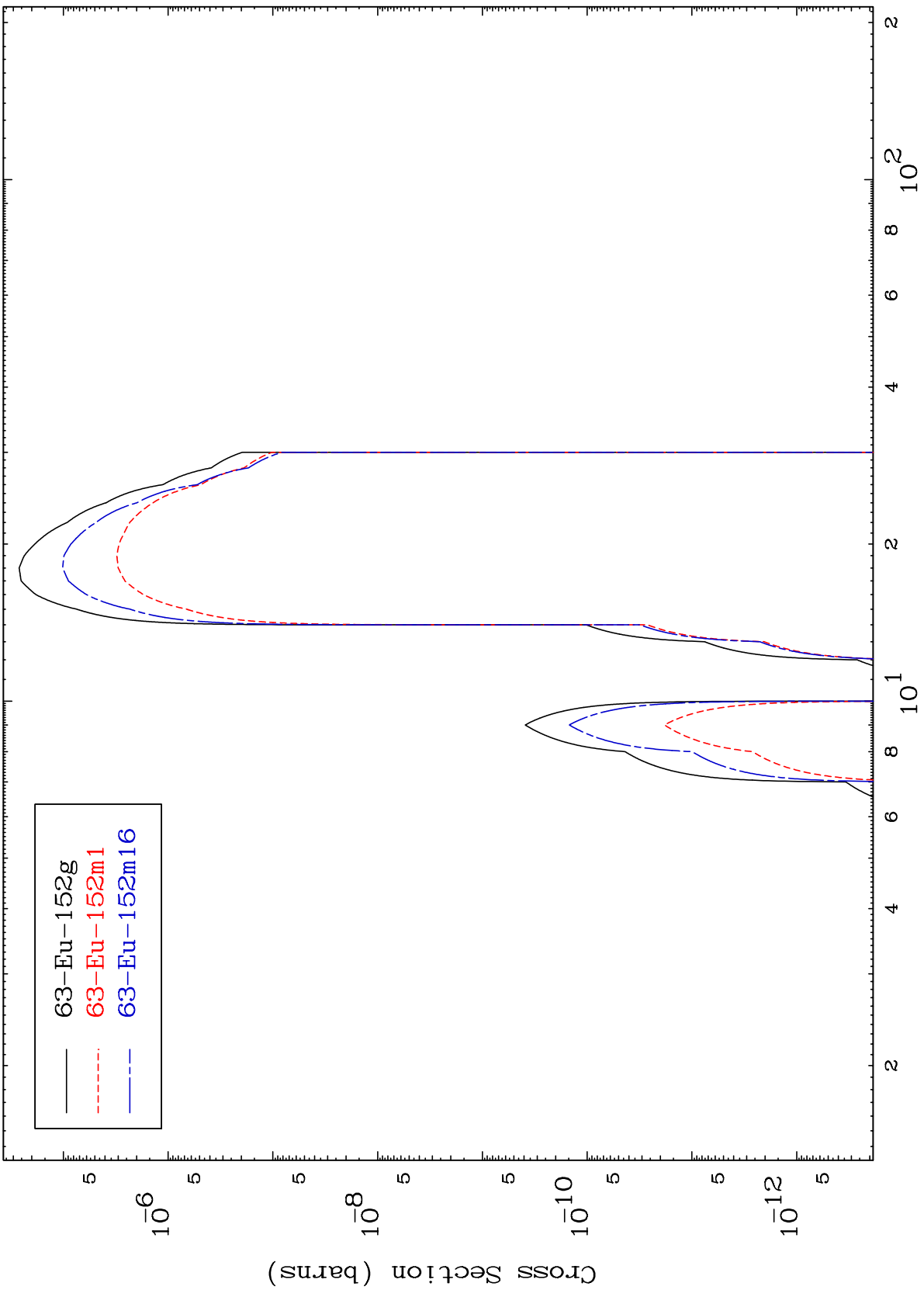
Radionuclide Production Cross Section



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61-Pm-148m

Radionuclide Production Cross Section



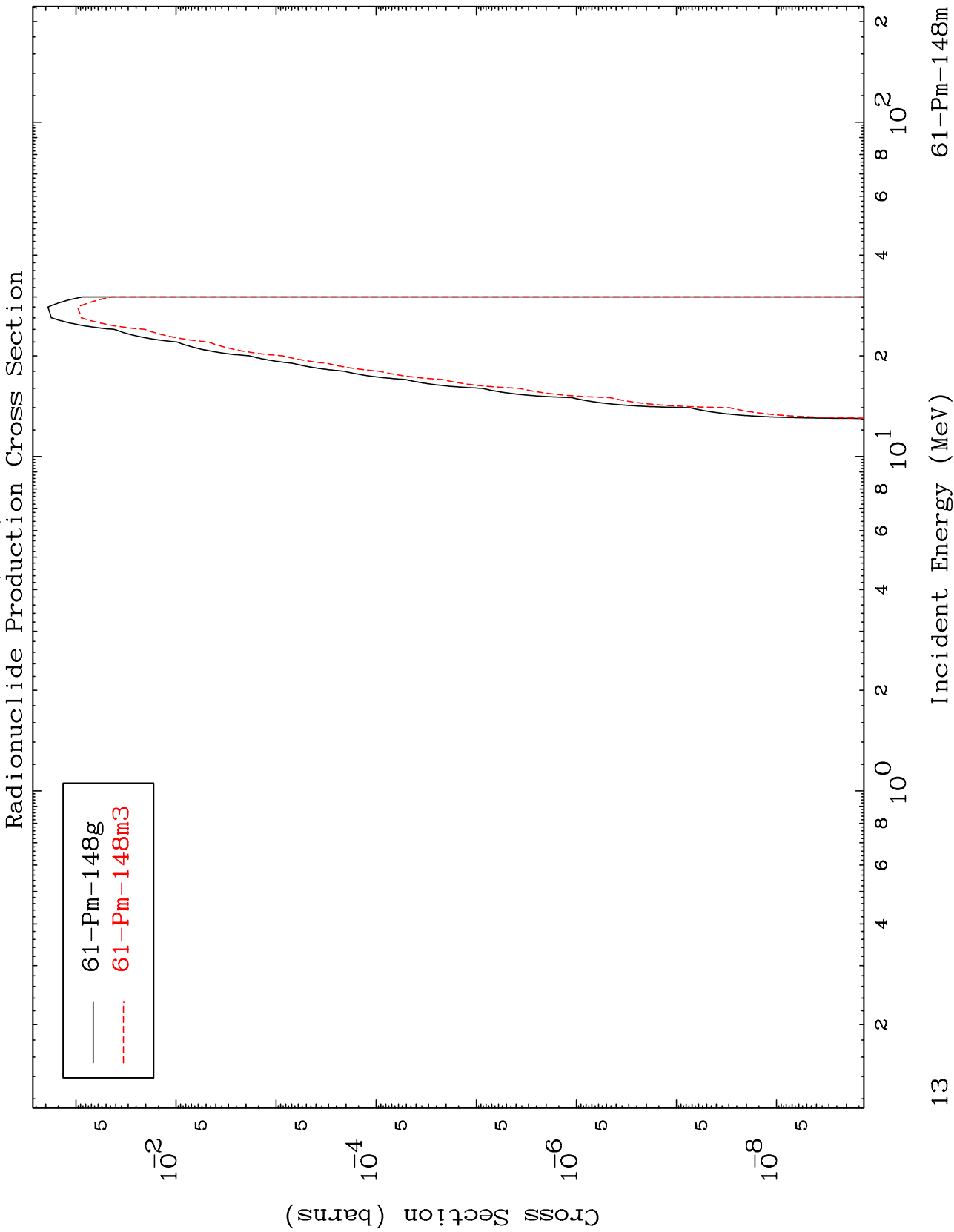
12

Incident Energy (MeV)

61-Pm-148m

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61-Pm-148m



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61-Pm-148m

Radionuclide Production Cross Section
(n,2α)

