

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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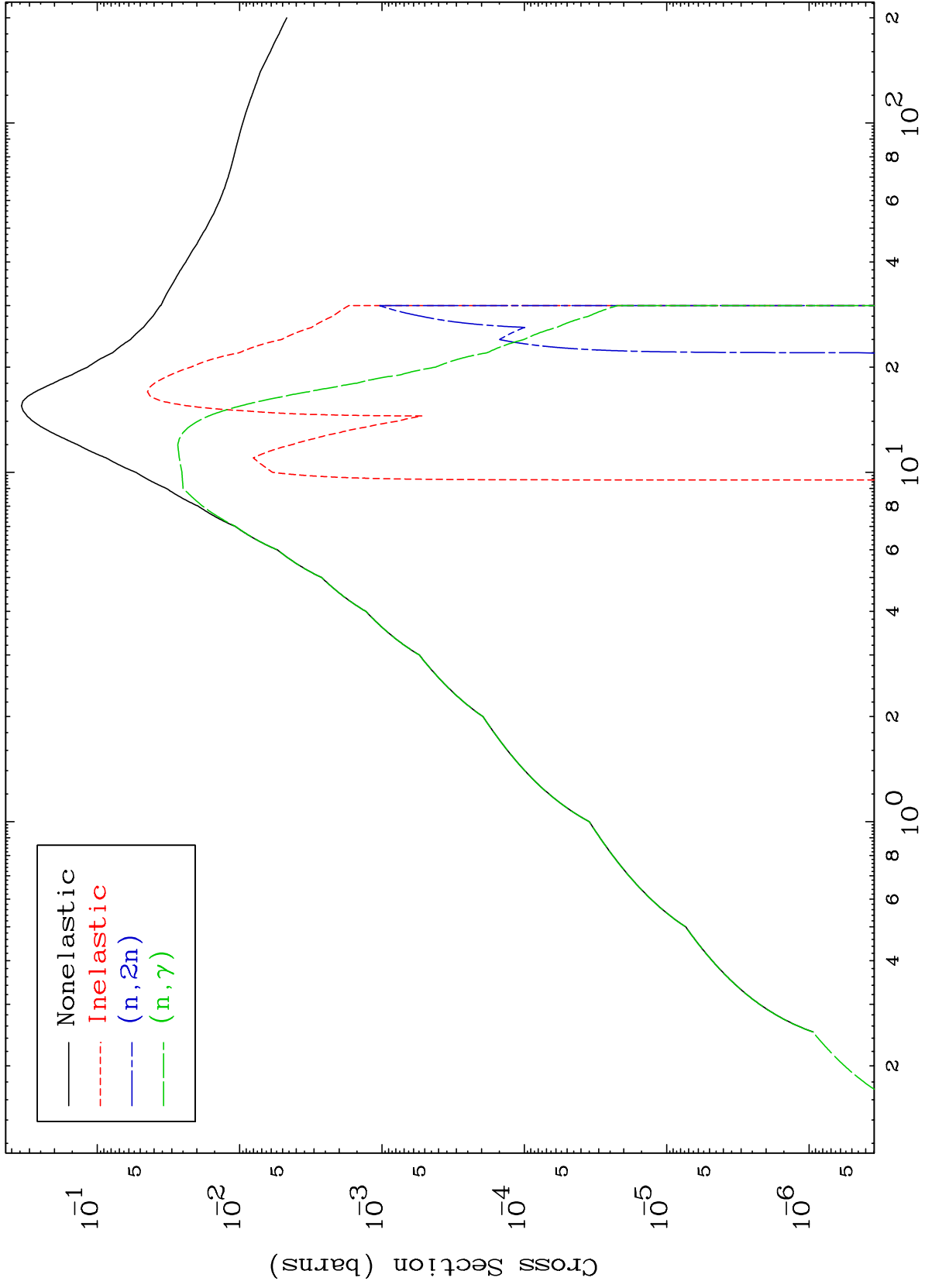
Press Mouse Button to Start

MAT 6392

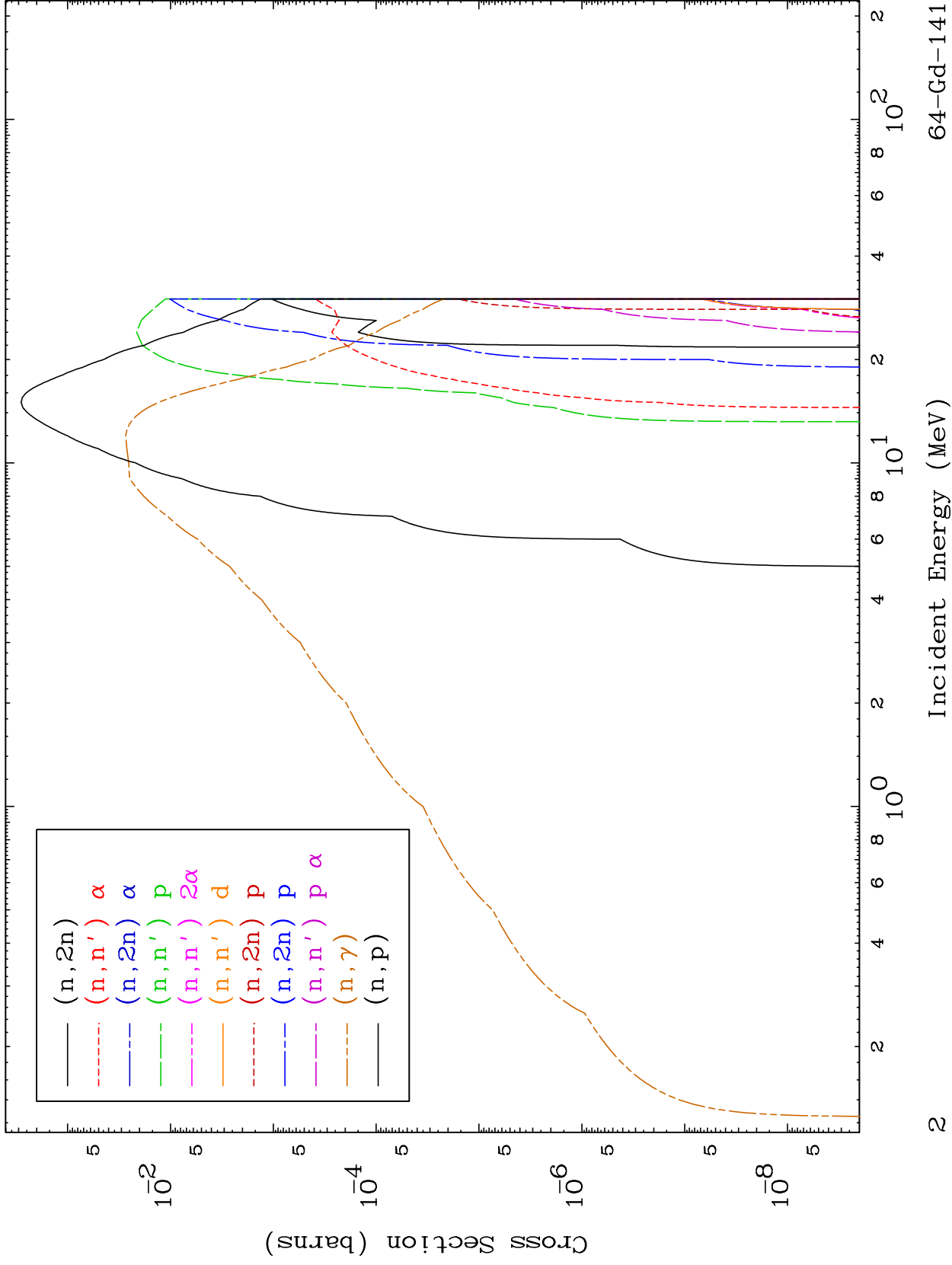
Photon Major

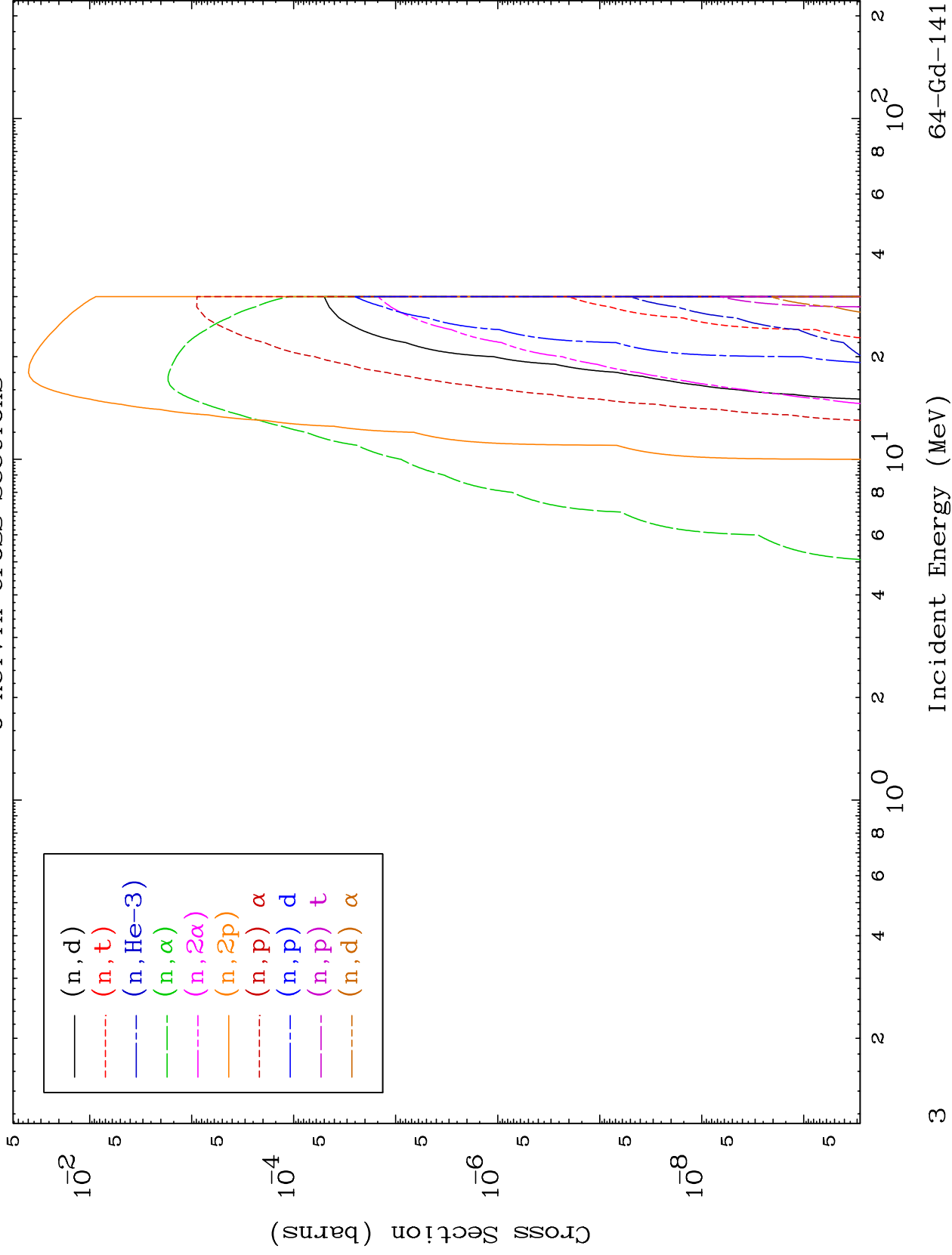
64-Gd-141

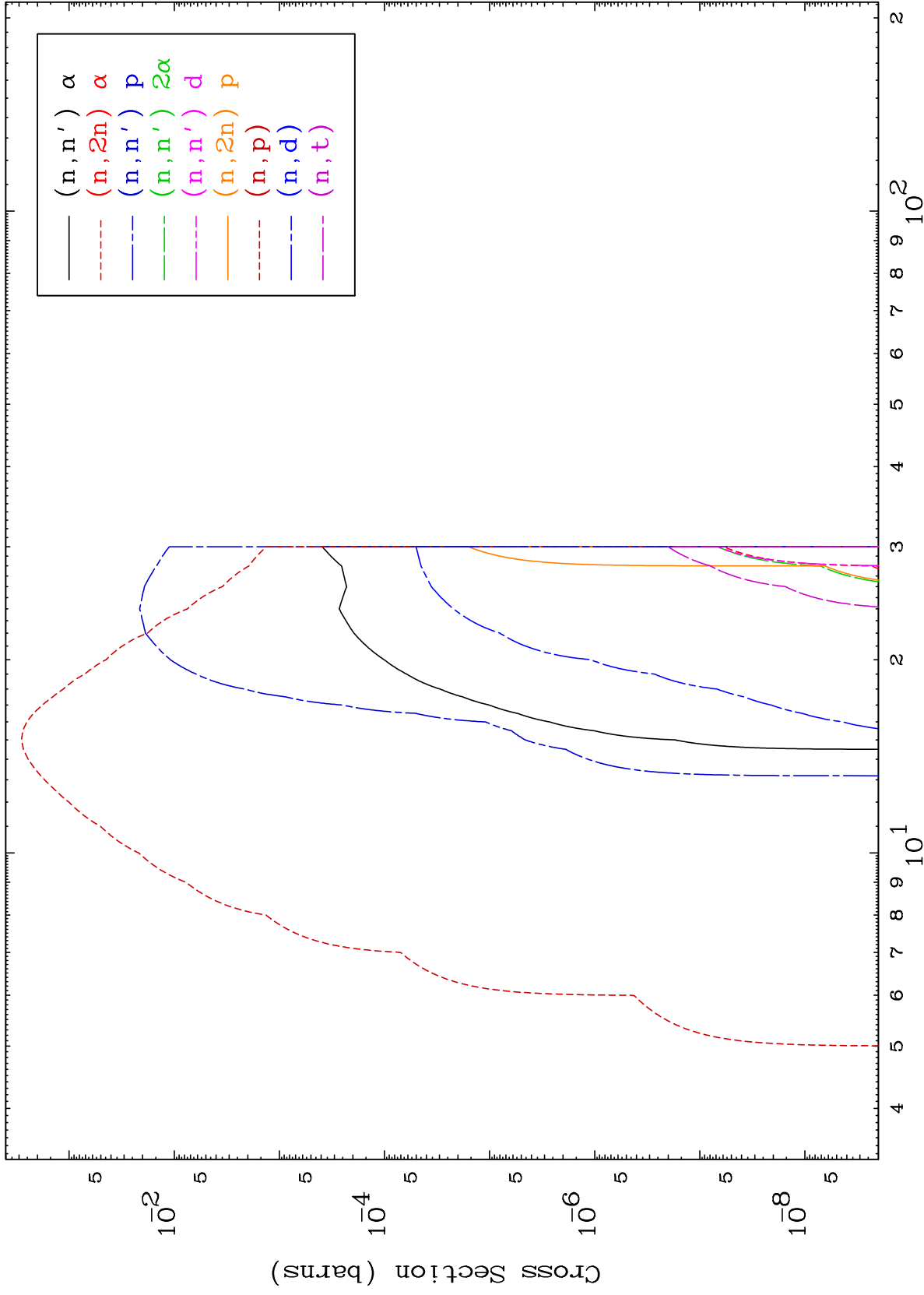
0 Kelvin Cross Sections

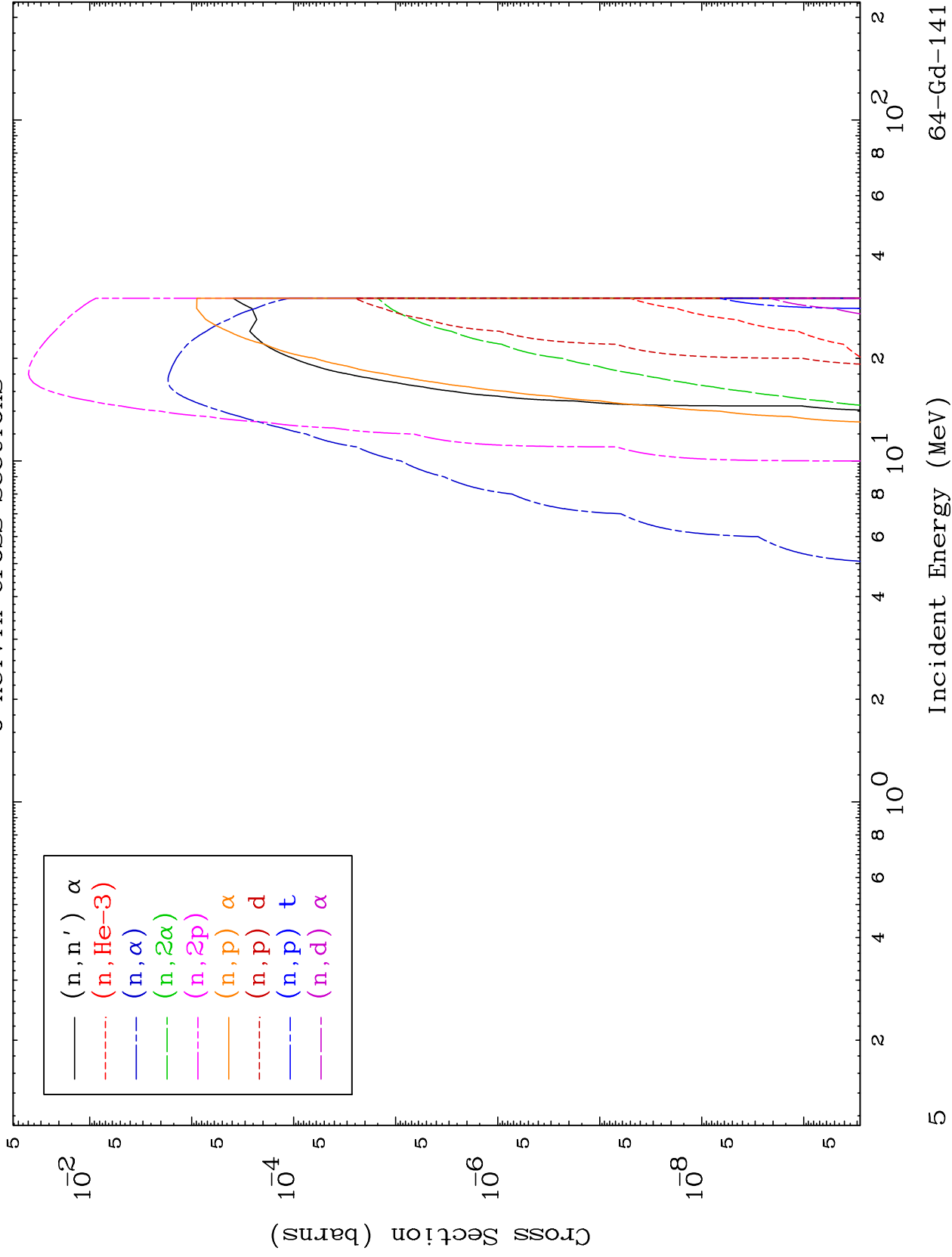


Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, γ)





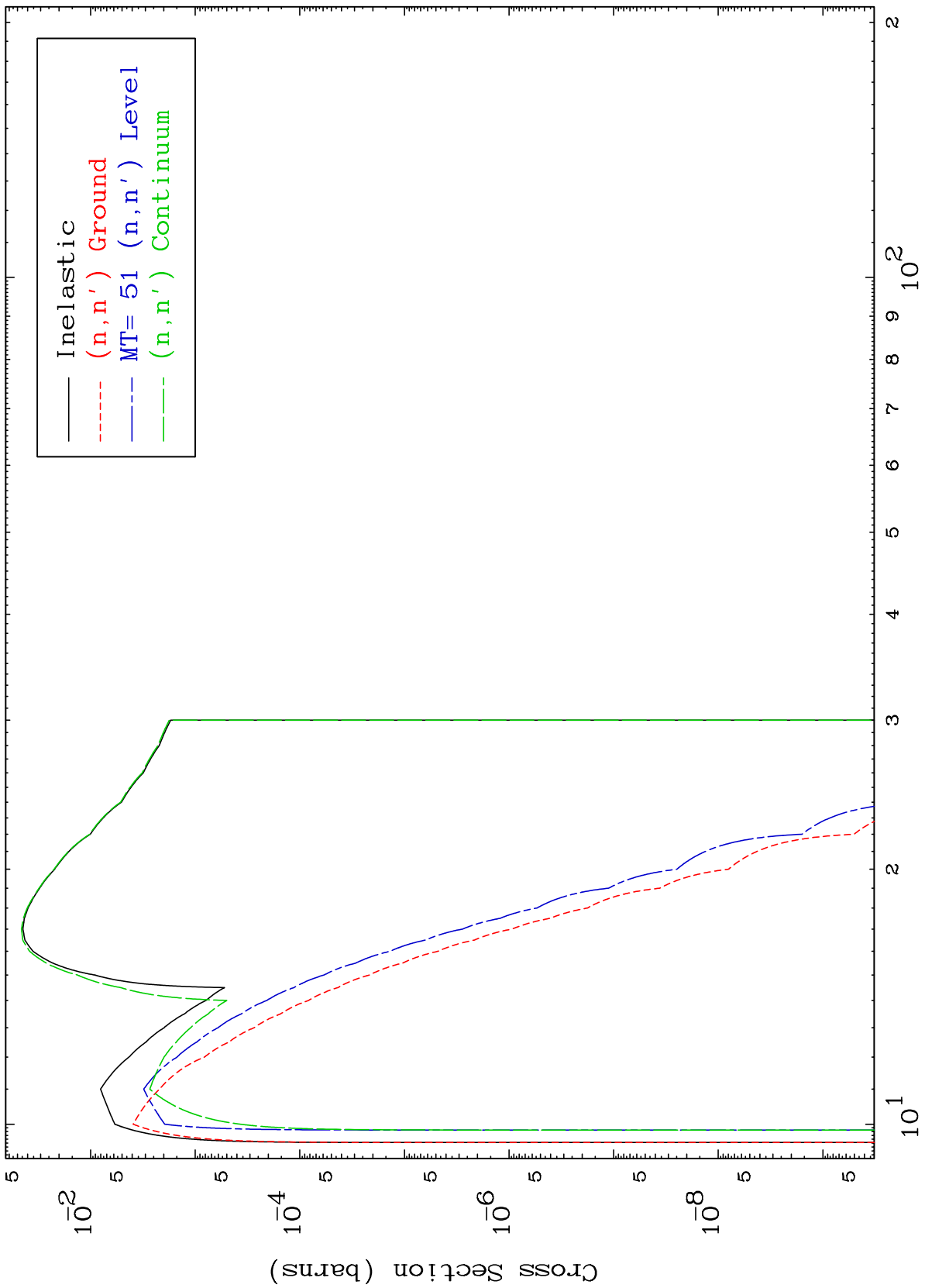




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64-Gd-141

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



64-Gd-141

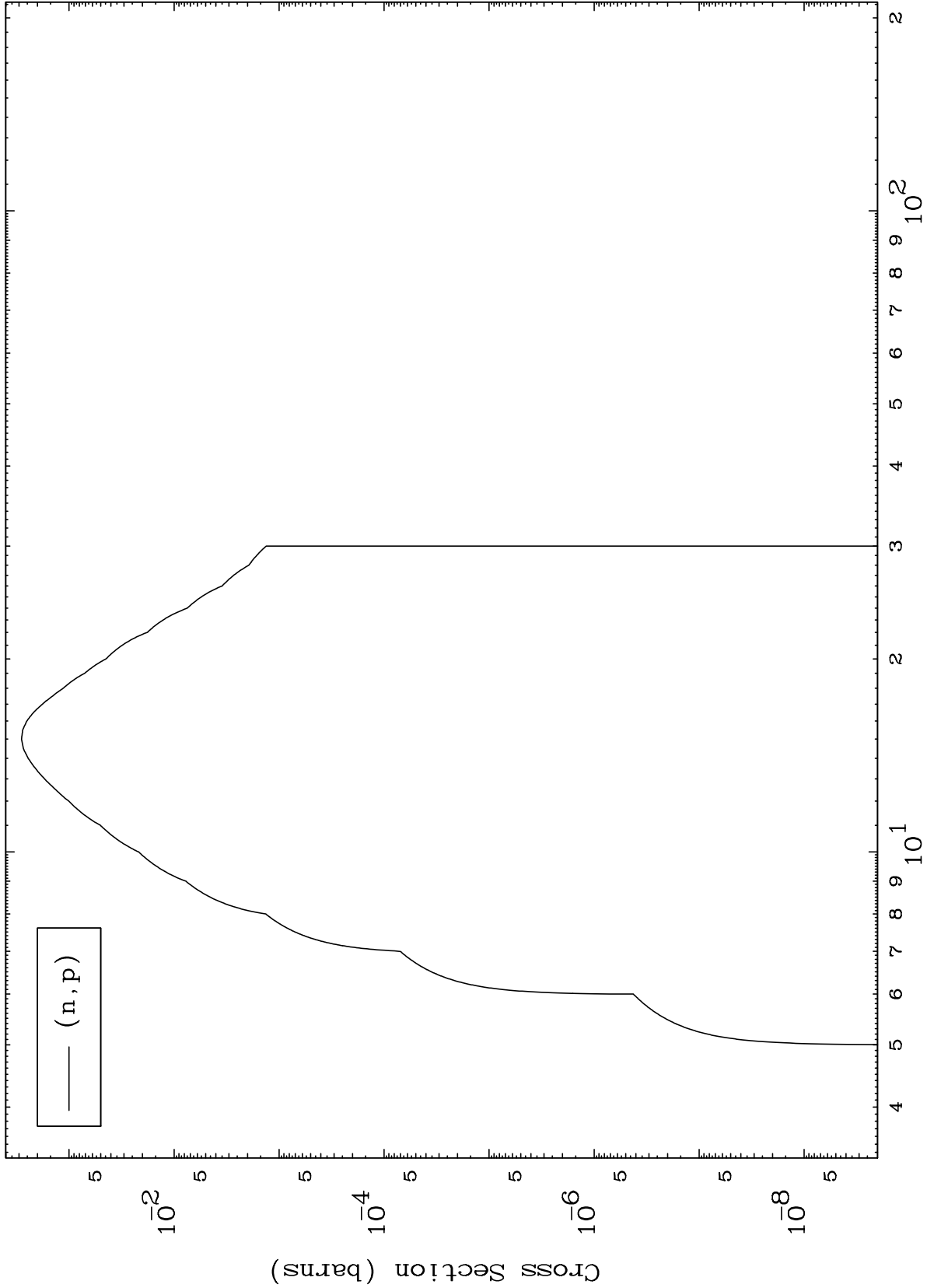
Incident Energy (MeV)

6

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64-Gd-141

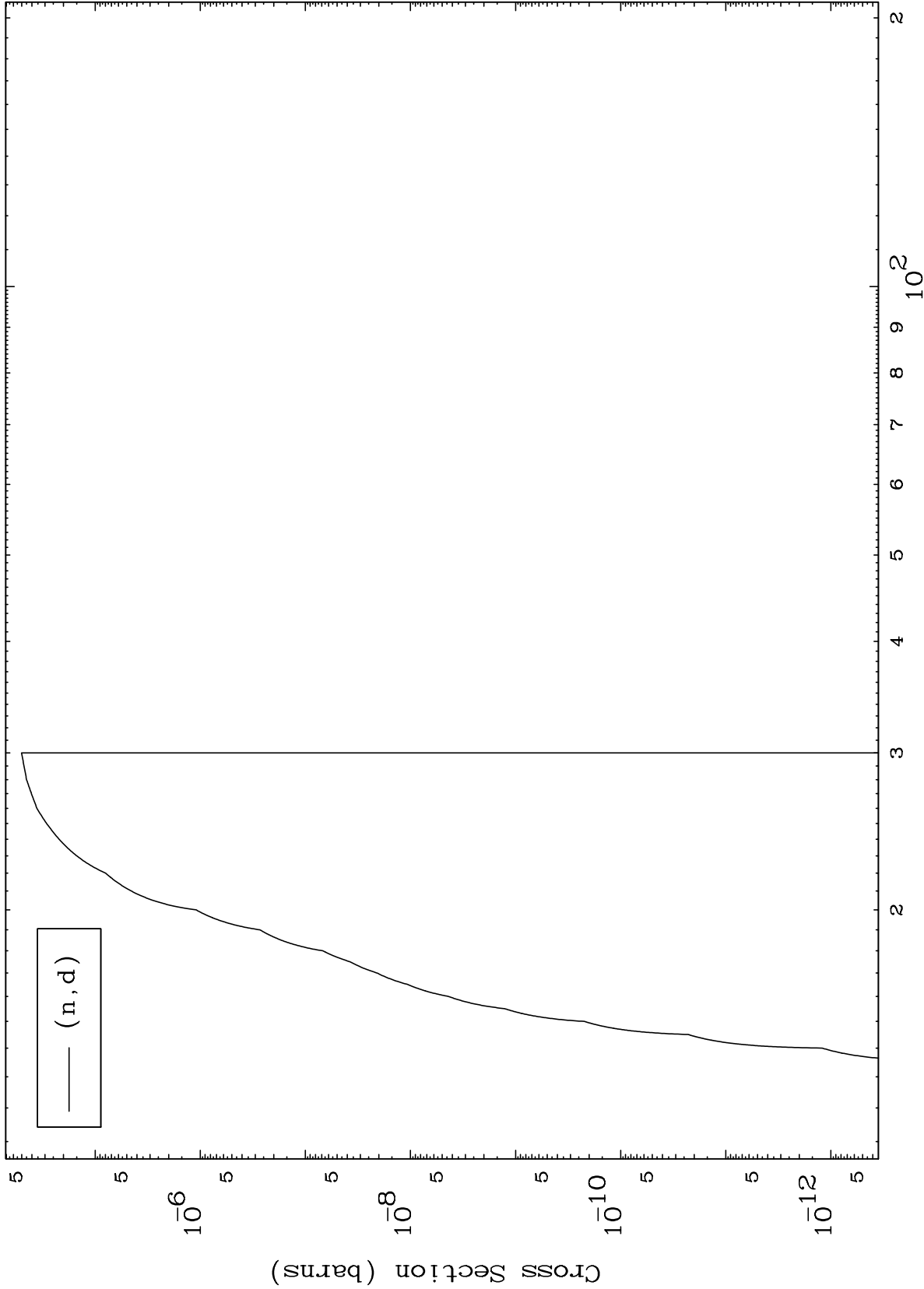
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

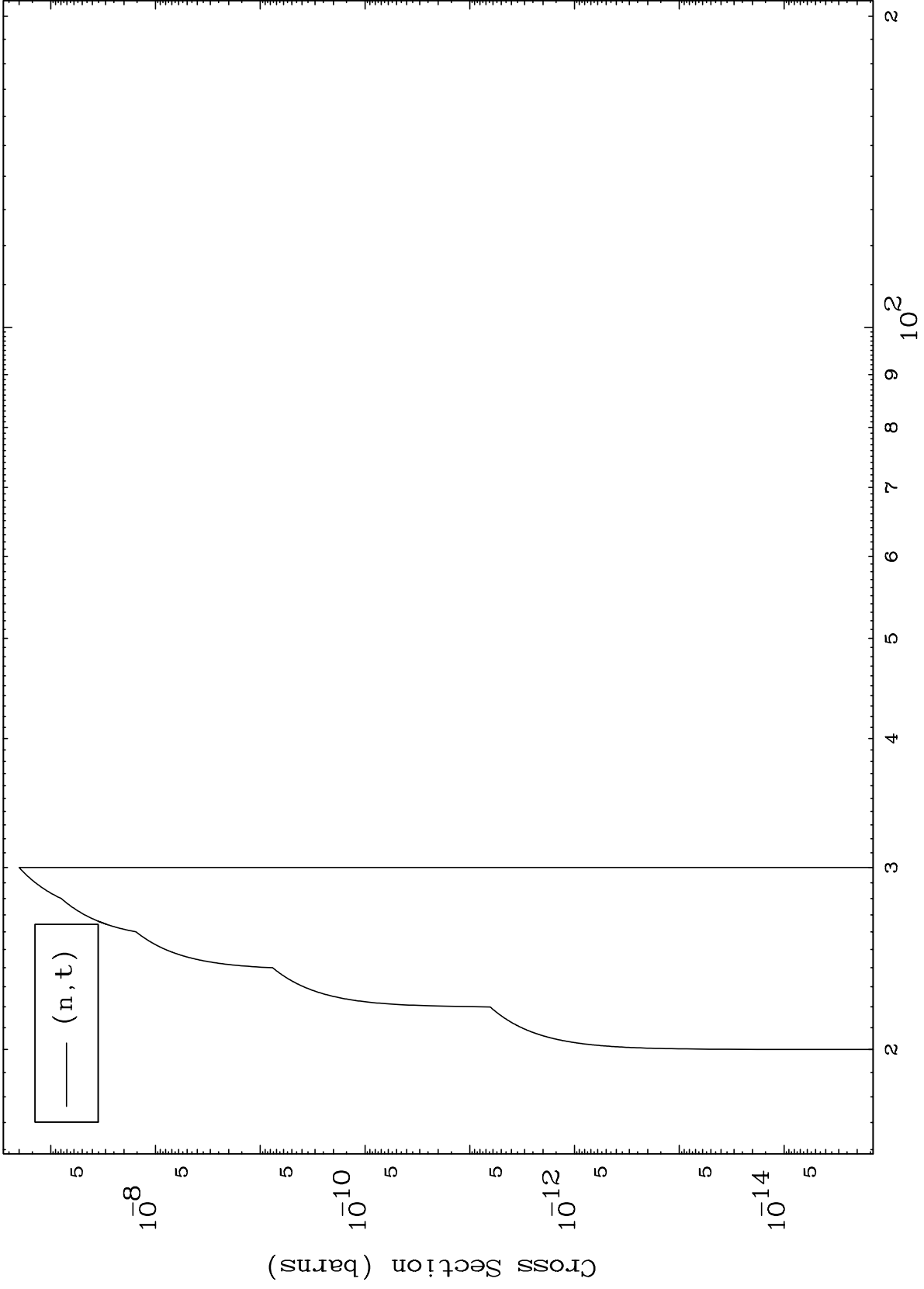


64-Gd-141

Incident Energy (MeV)

7

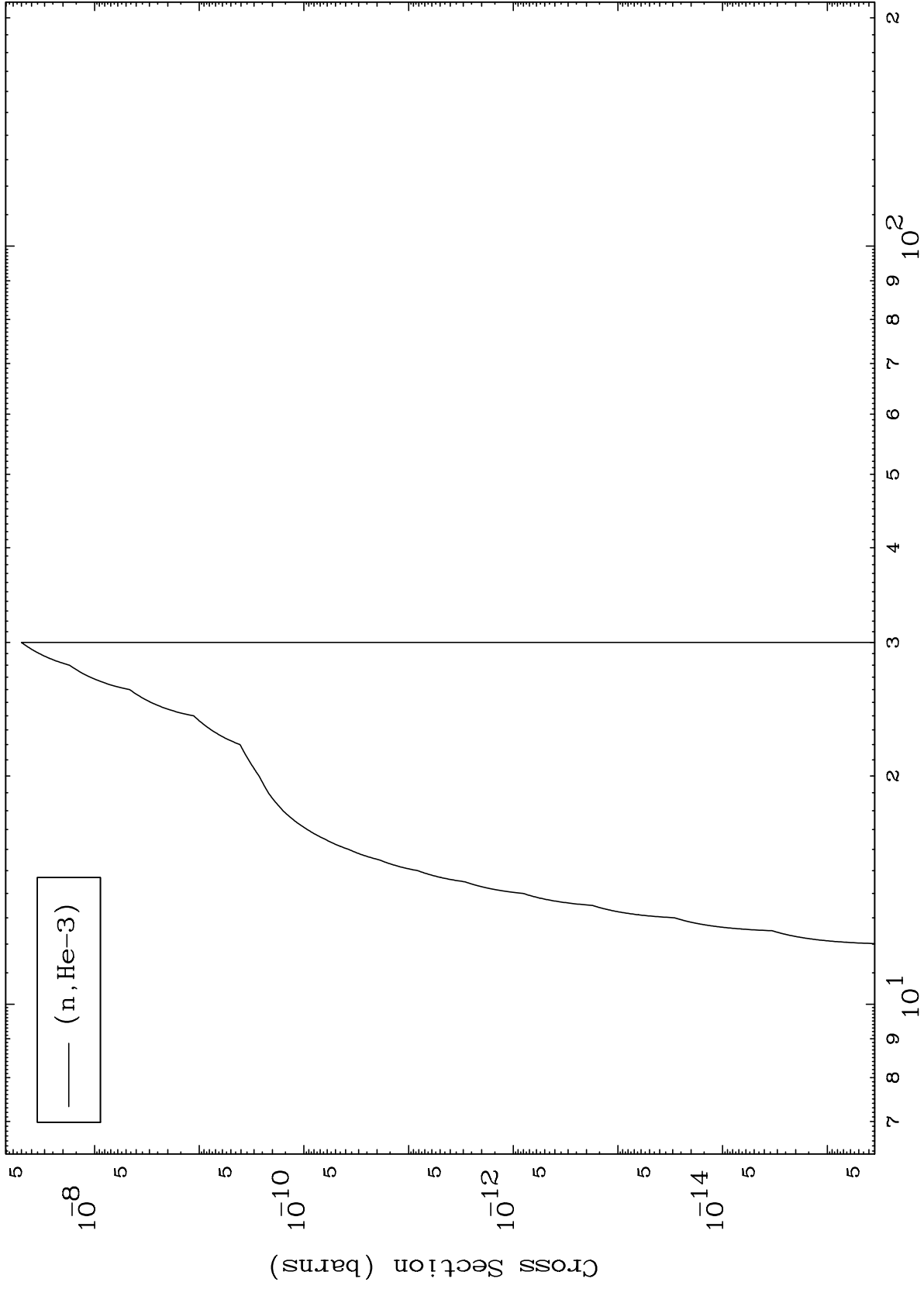




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64-Gd-141

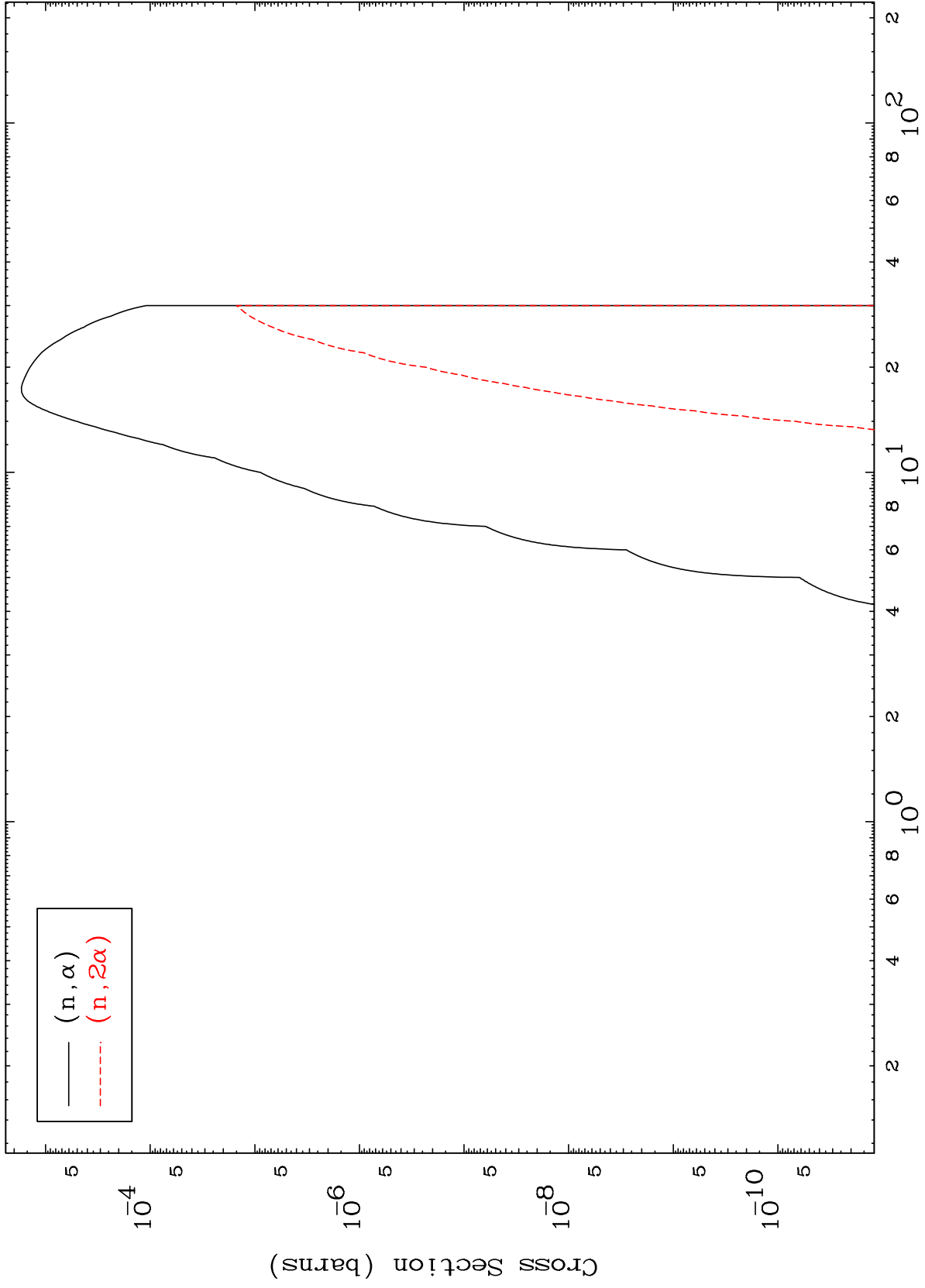
( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

64-Gd-141

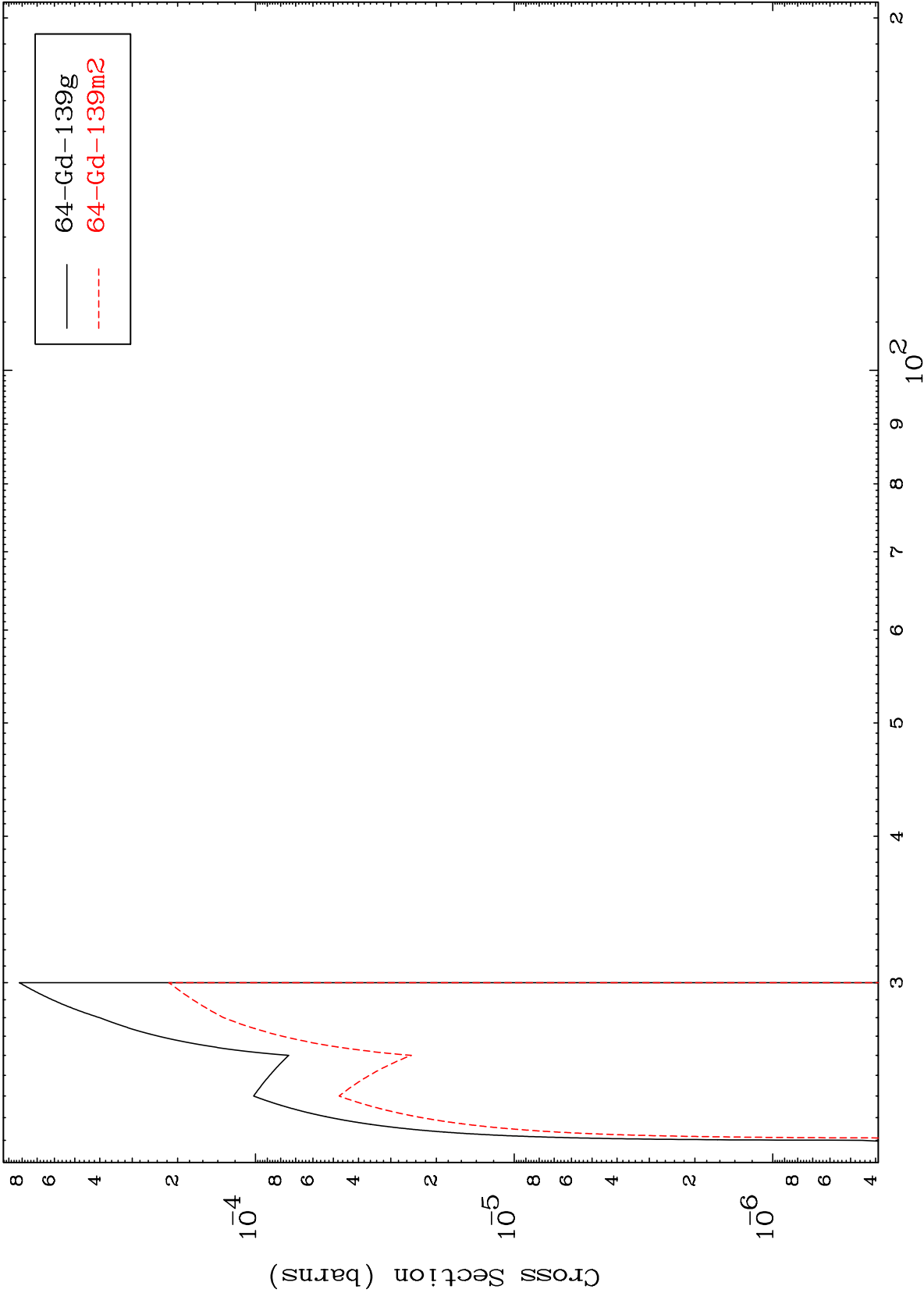


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(n,2n)

64-Gd-141

Radionuclide Production Cross Section



64-Gd-139g  
64-Gd-139m2

12

Incident Energy (MeV)

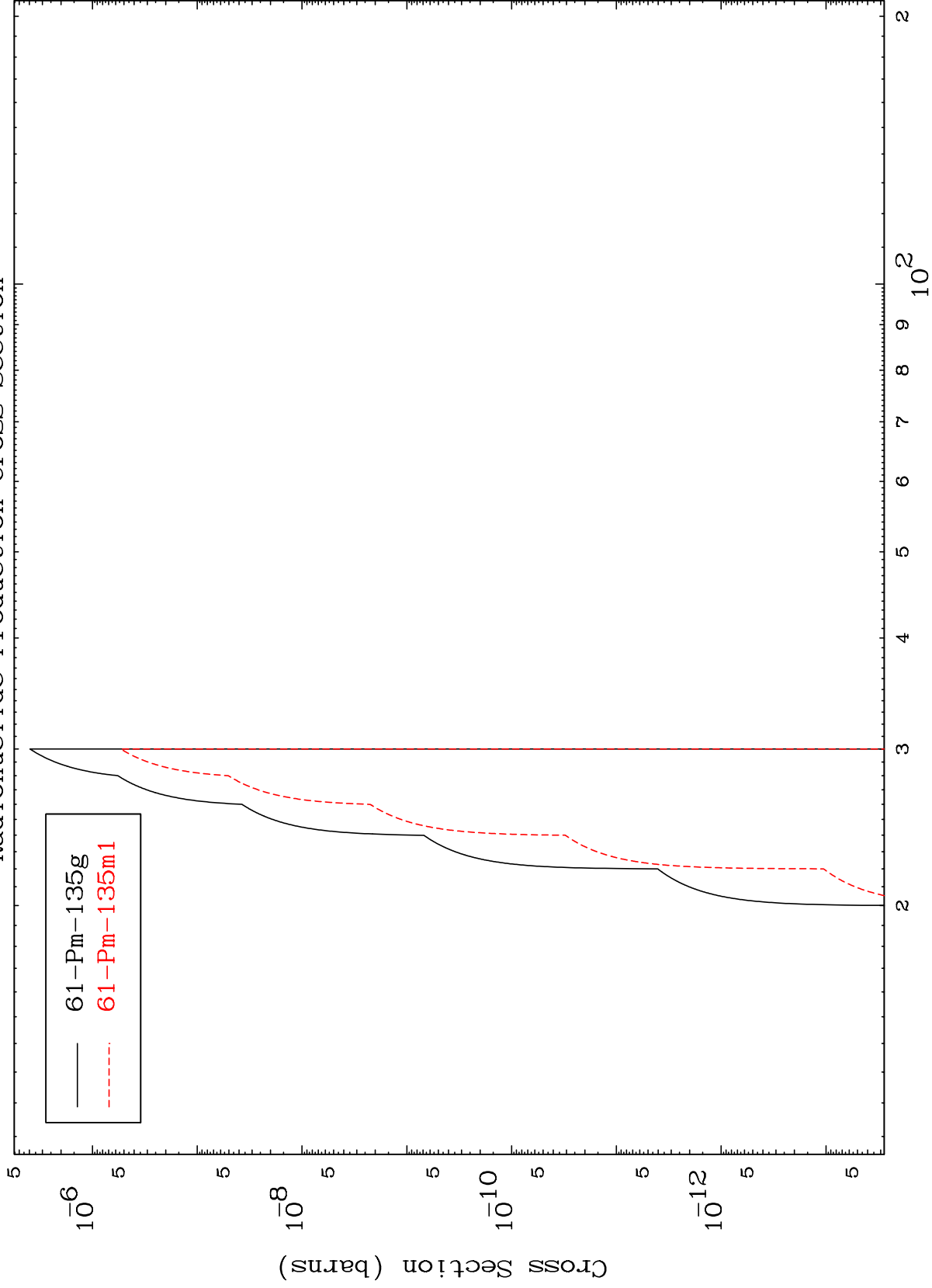
64-Gd-141

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(n,n') p  $\alpha$

64-Gd-141

Radionuclide Production Cross Section



13

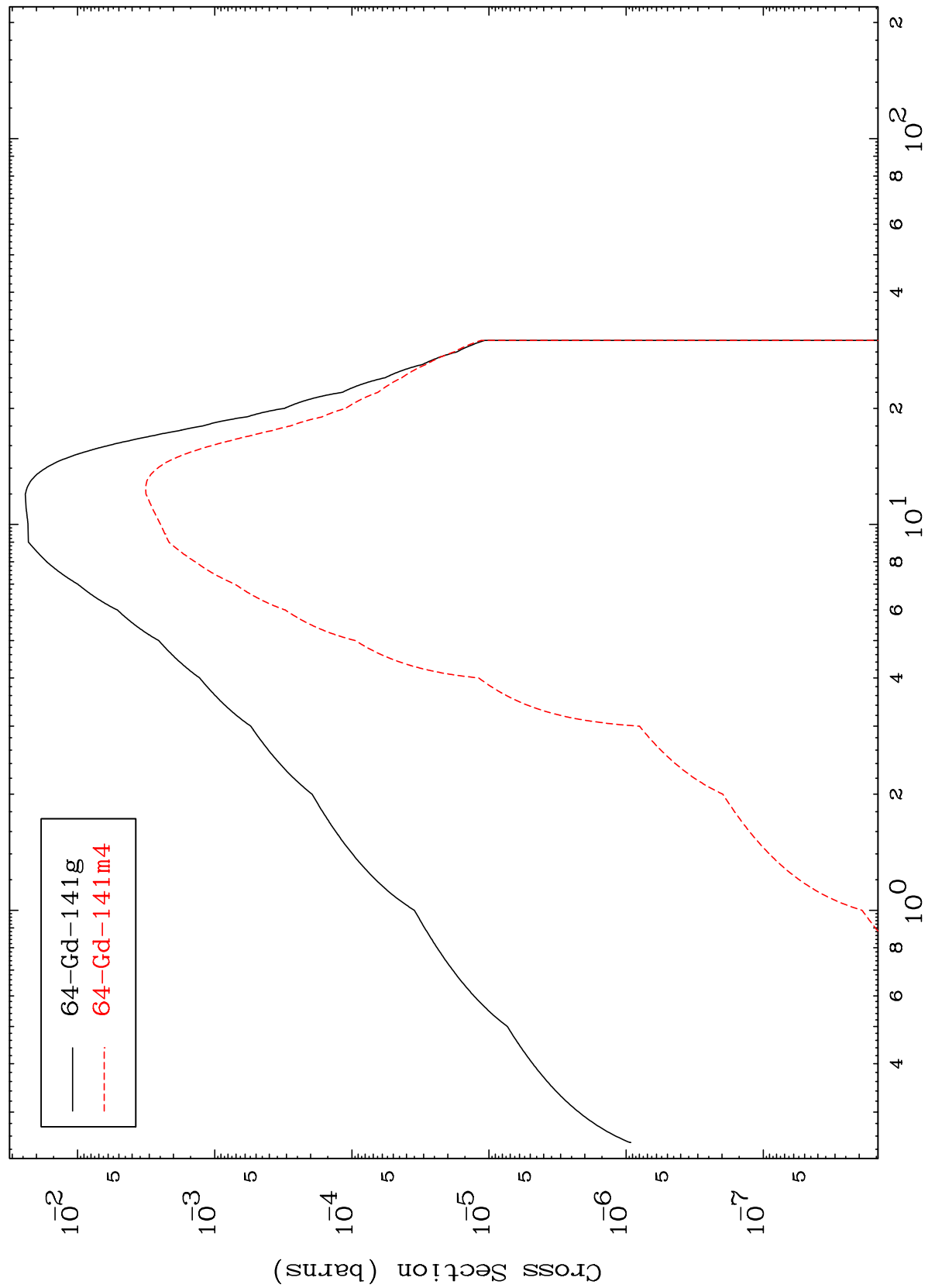
Incident Energy (MeV)

64-Gd-141

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64-Gd-141

(n,γ)  
Radionuclide Production Cross Section



— 64-Gd-141 g  
- - - 64-Gd-141 m4

14

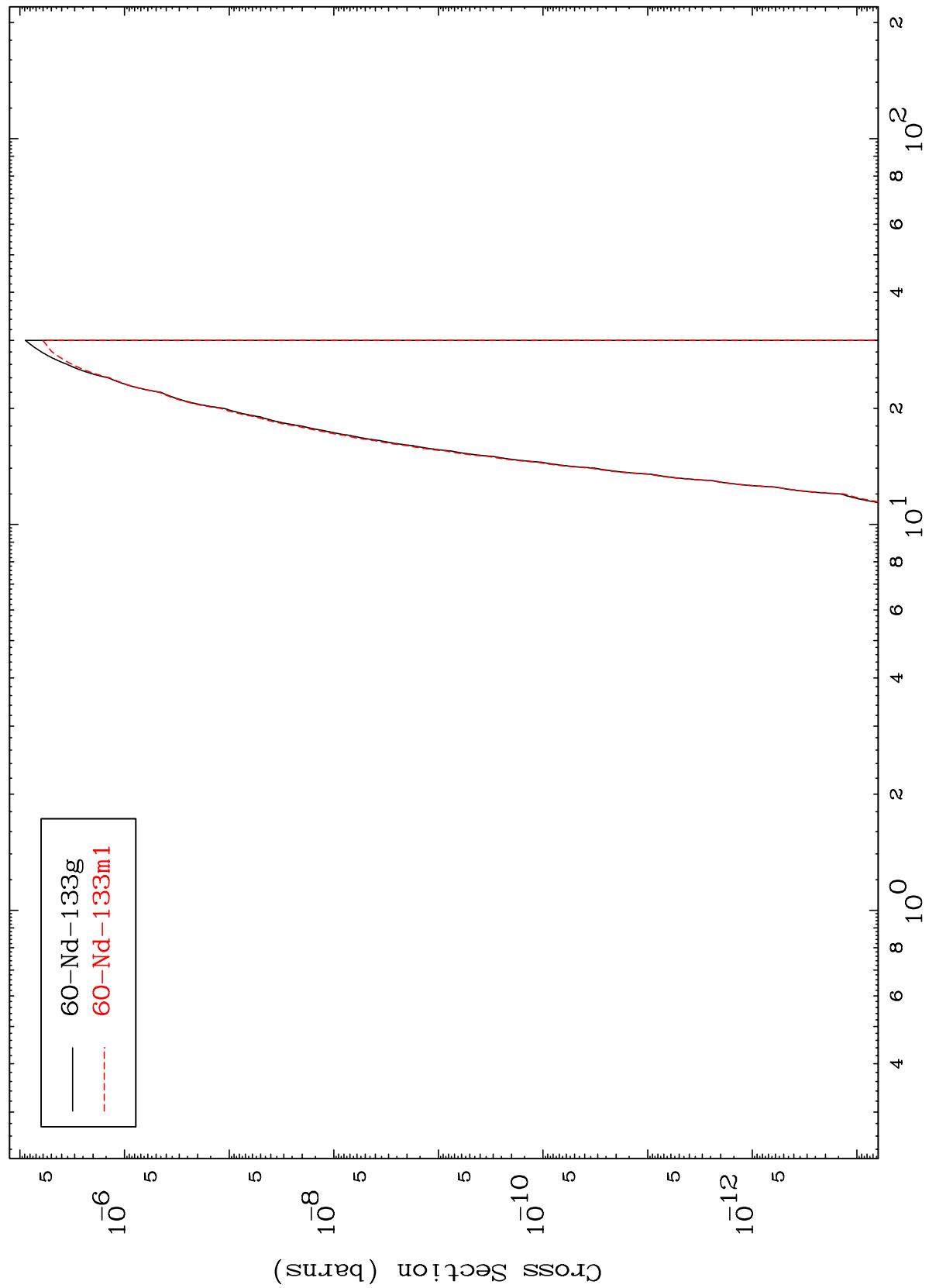
Incident Energy (MeV)

64-Gd-141

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64-Gd-141

(n,2α)  
Radionuclide Production Cross Section



60-Nd-133g  
60-Nd-133m1

64-Gd-141

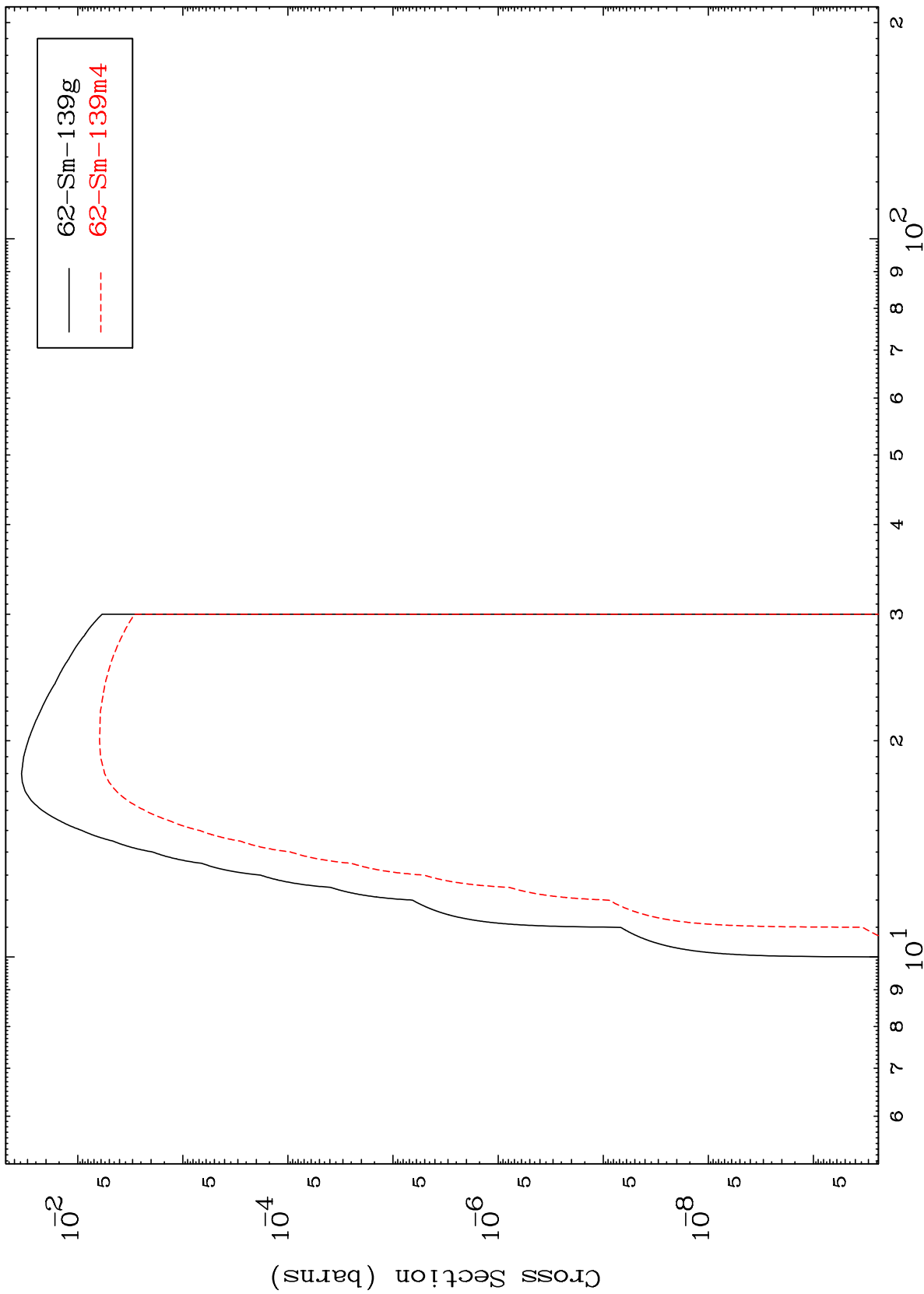
Incident Energy (MeV)

15

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64-Gd-141

(n,2p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

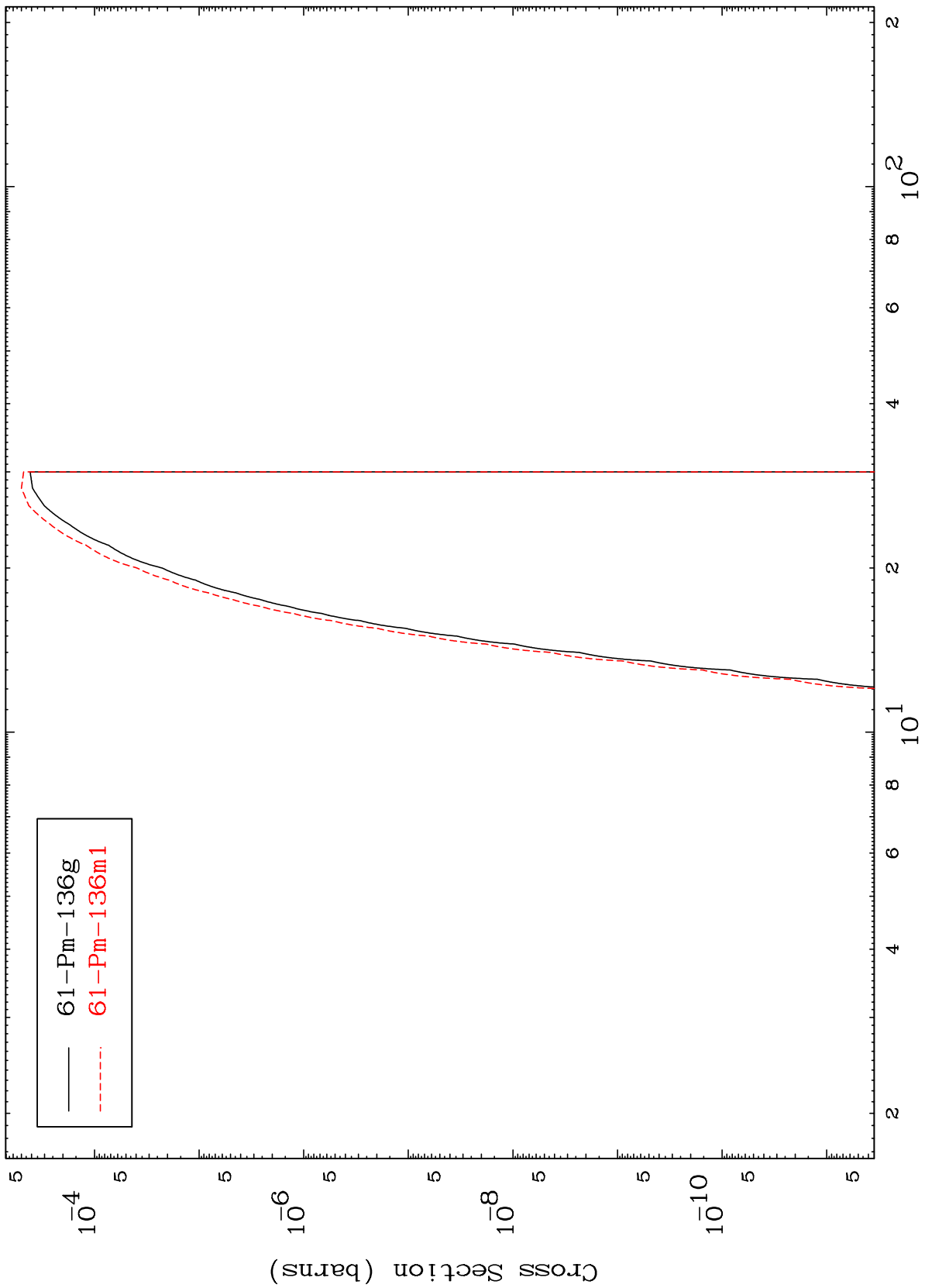
64-Gd-141

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(n,p)  $\alpha$

64-Gd-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

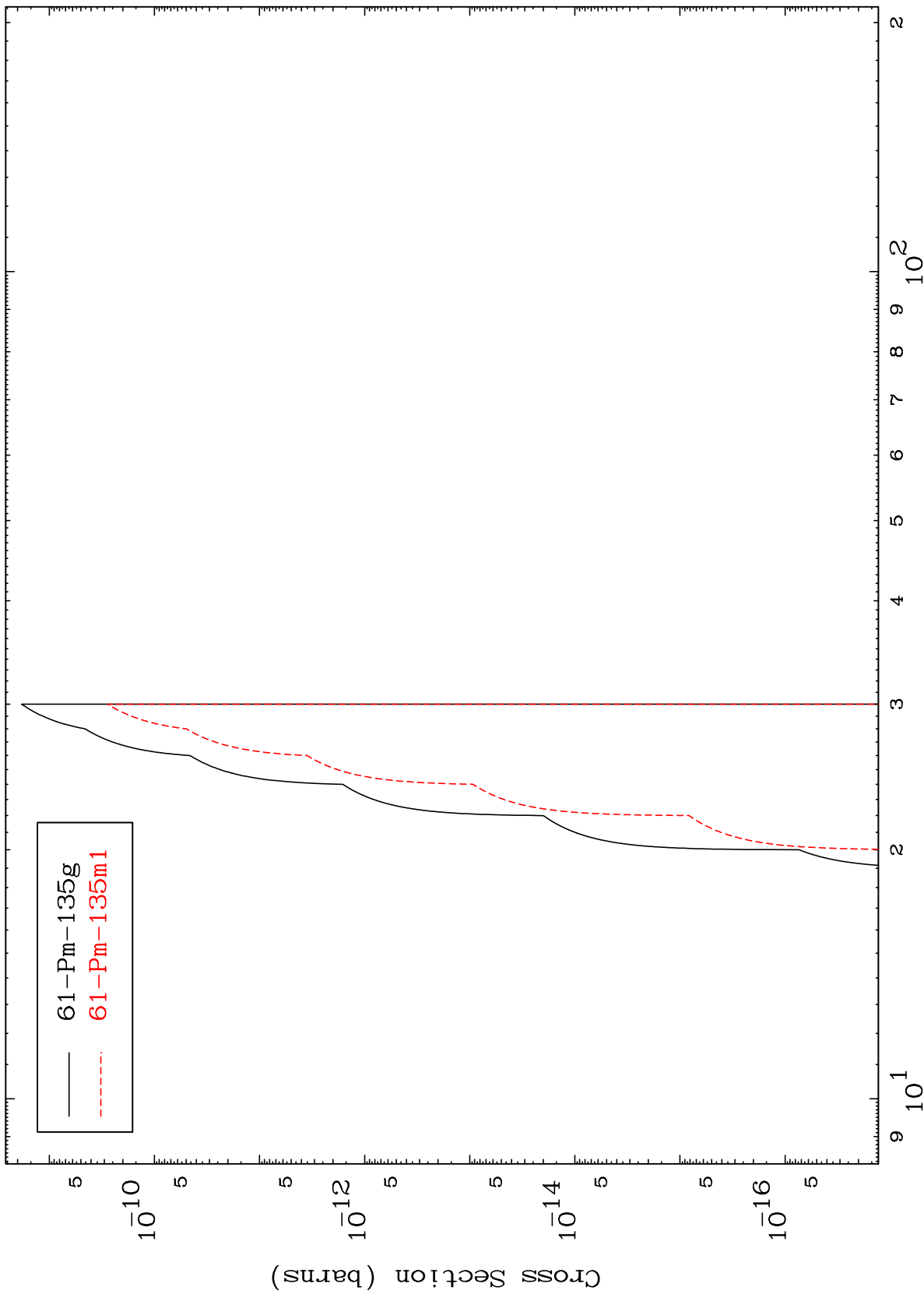
64-Gd-141

MAT 6392

(n,d)  $\alpha$

64-Gd-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

64-Gd-141