

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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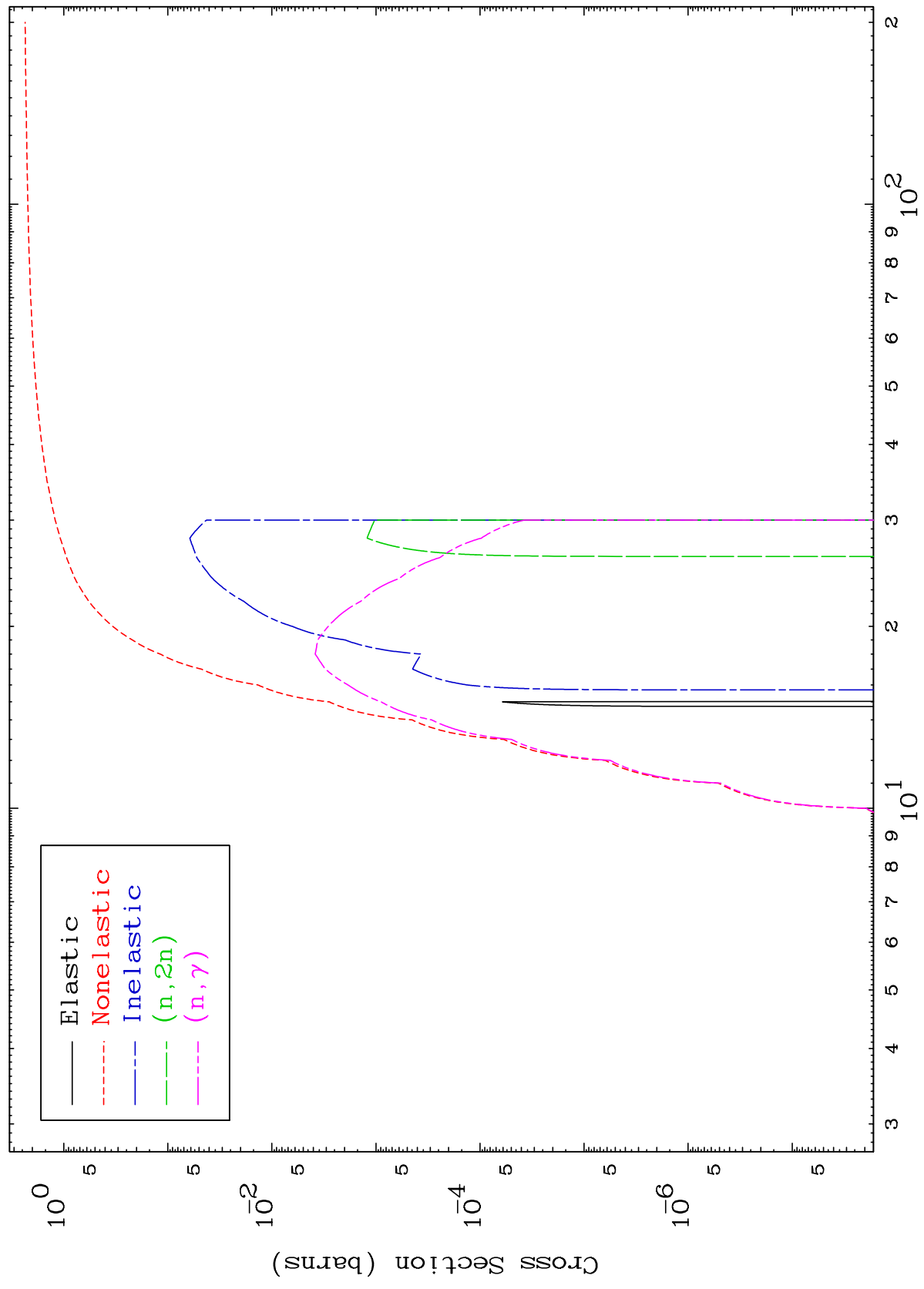
Press Mouse Button to Start

MAT 6389

0 Kelvin

$\alpha$  Major Cross Sections

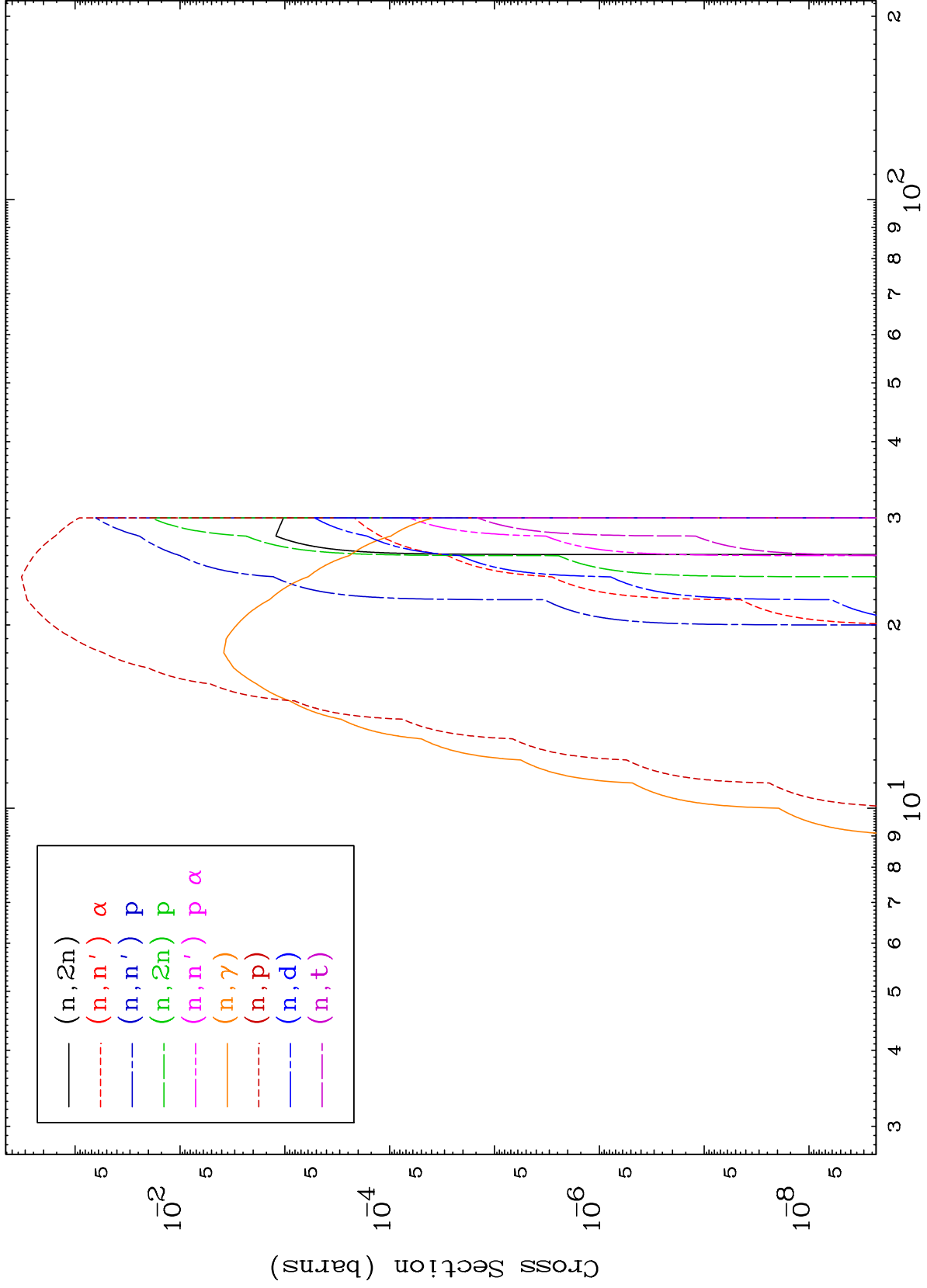
64-Gd-140



1

Incident Energy (MeV)

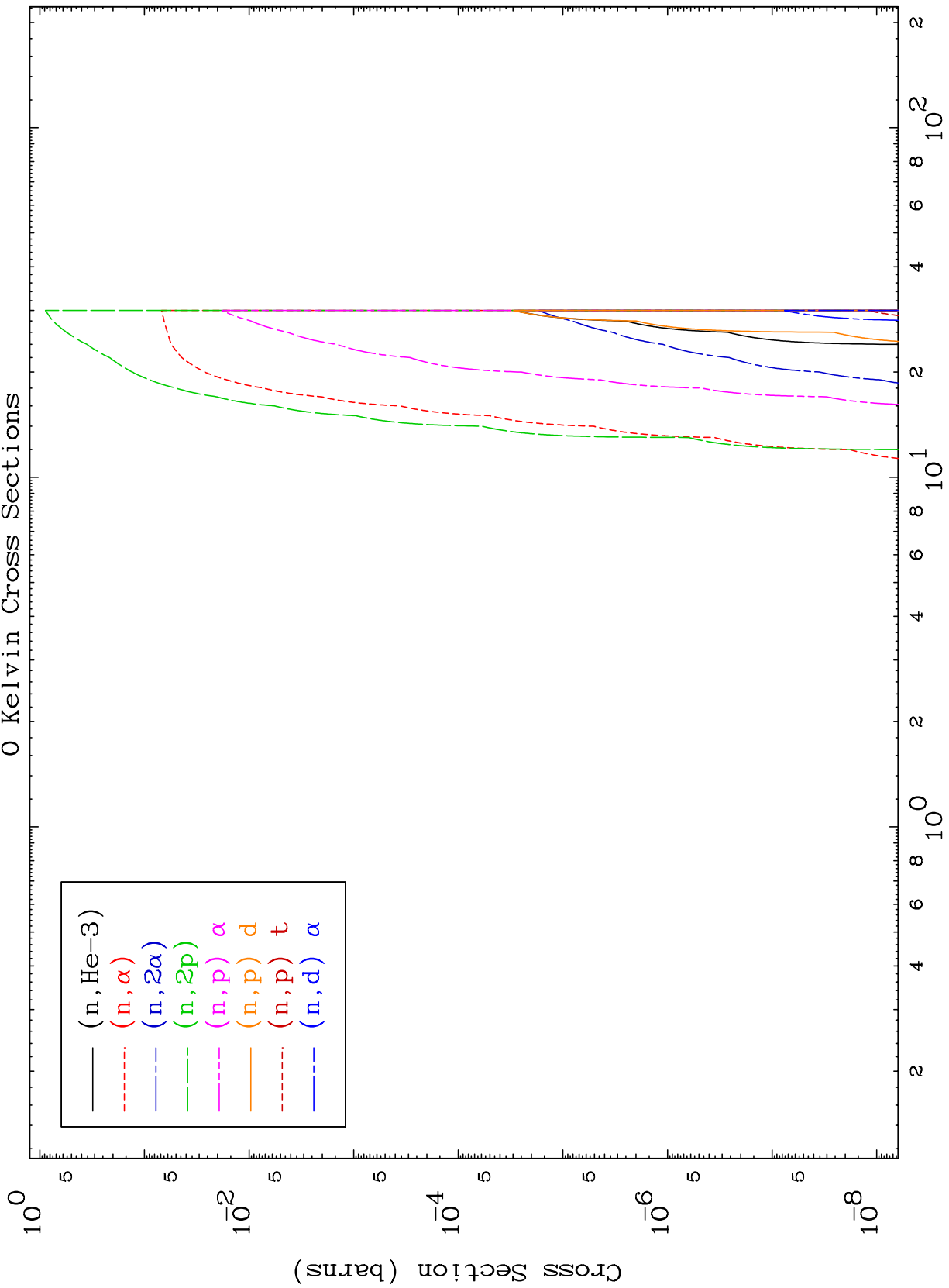
64-Gd-140

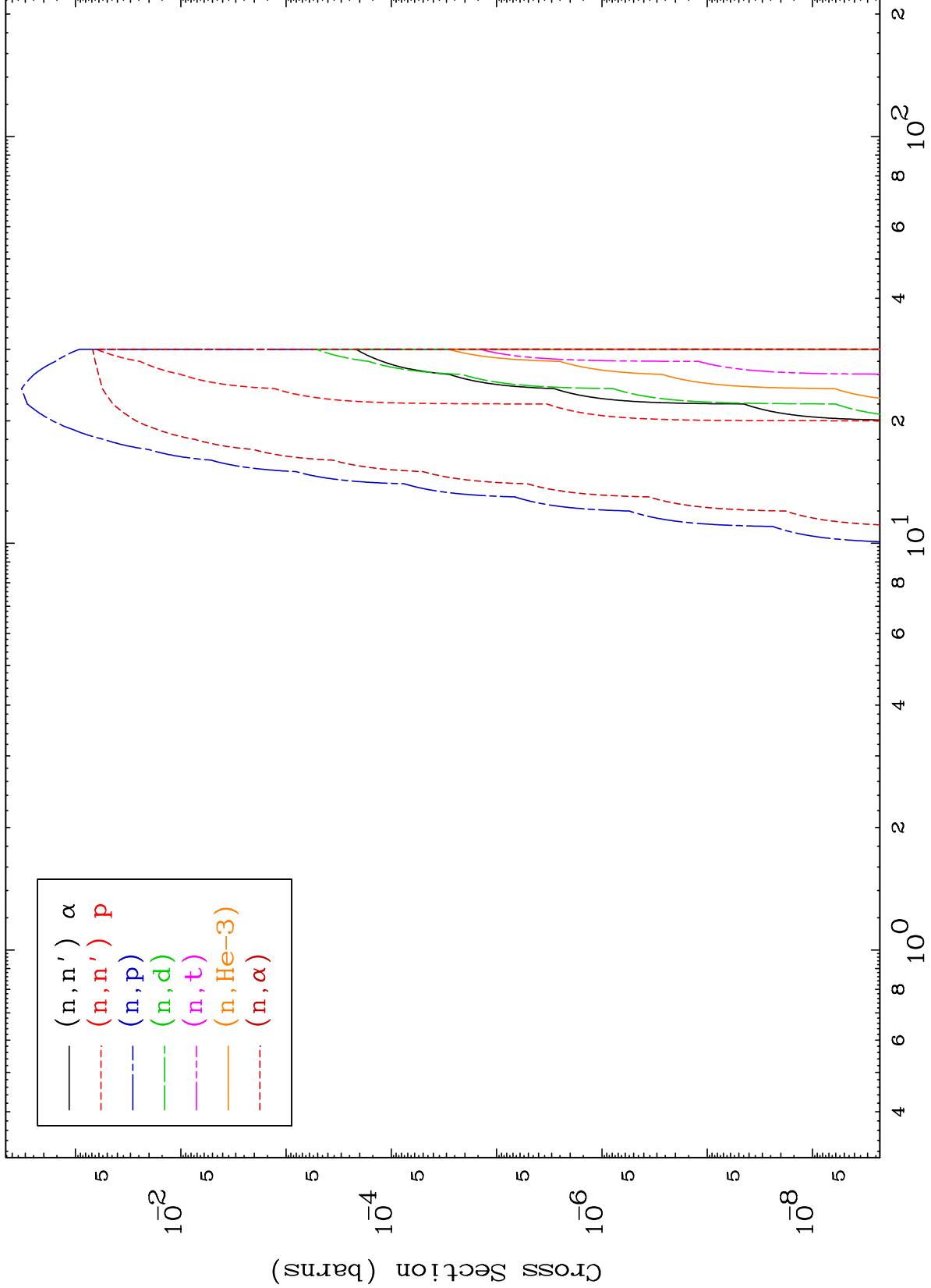


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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-140

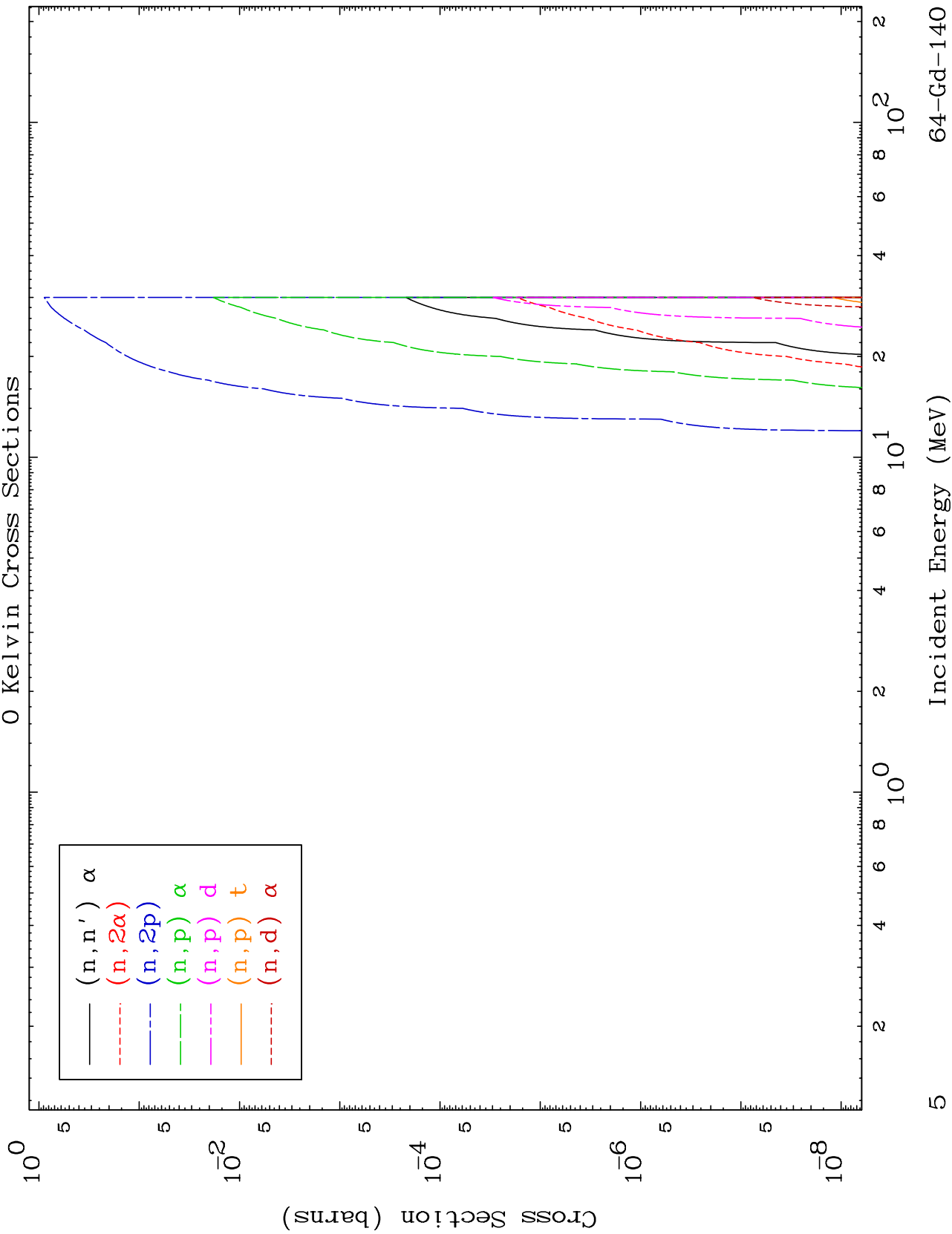




MAT 6389

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

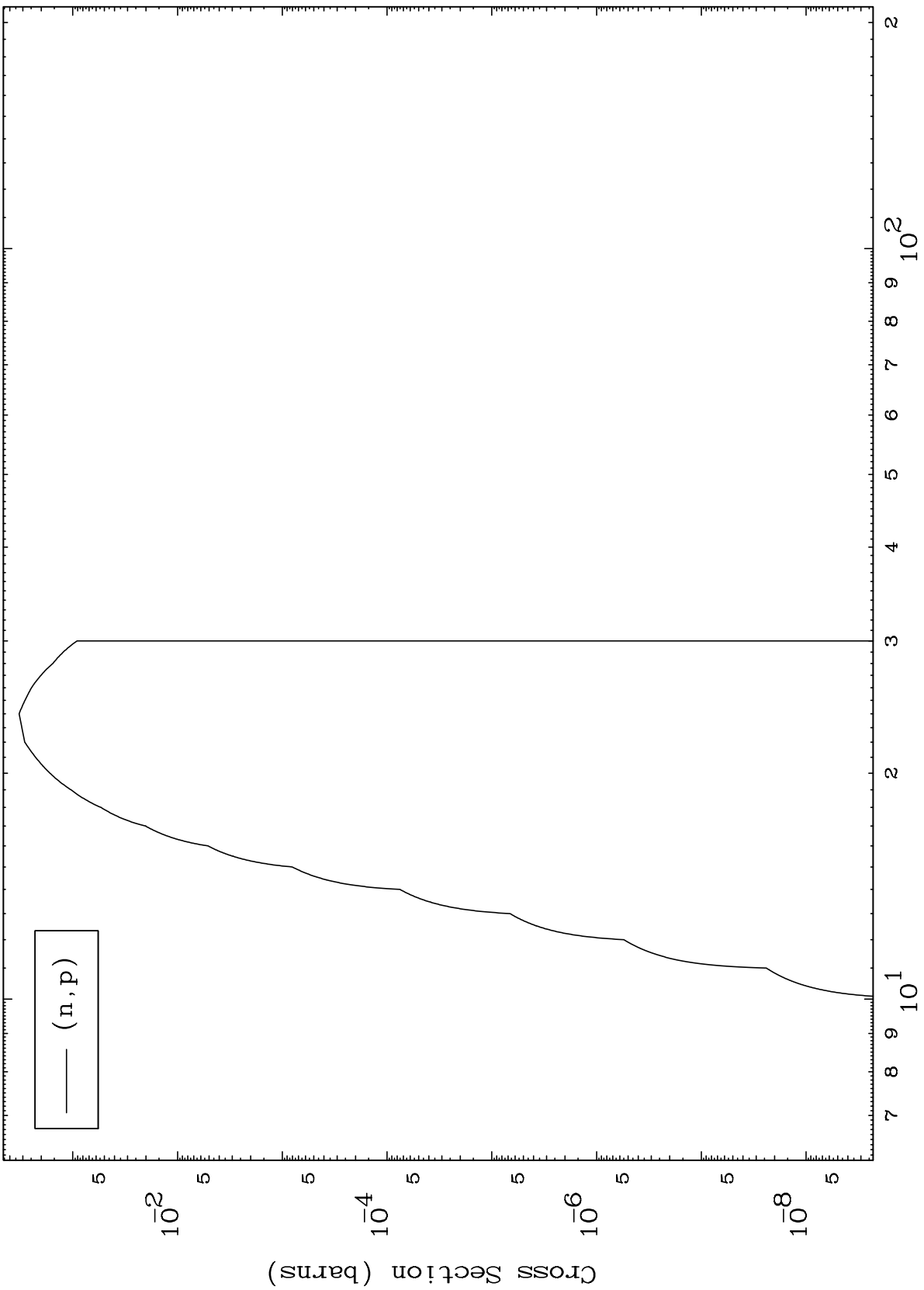
64-Gd-140



MAT 6389

64-Gd-140

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



64-Gd-140

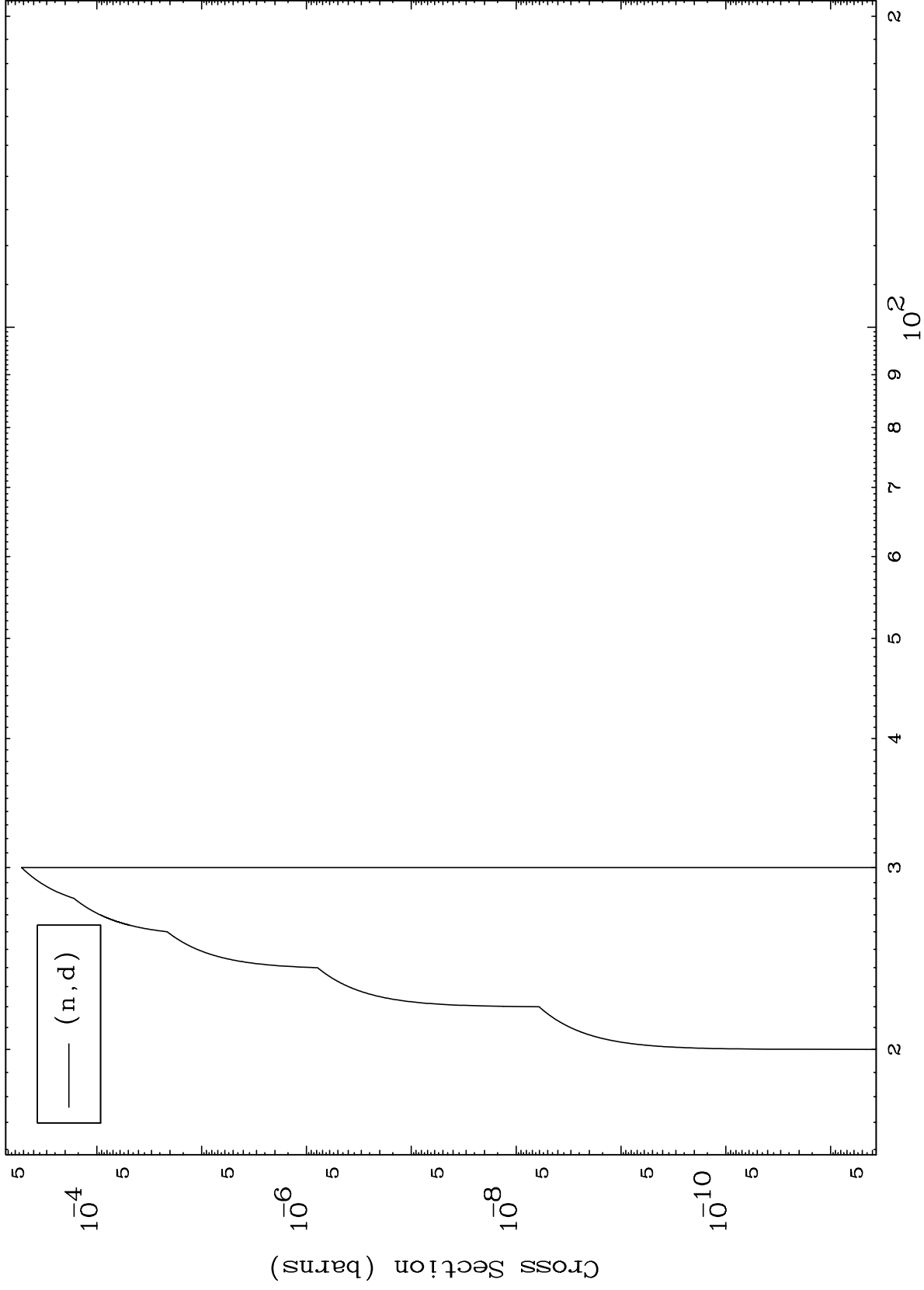
Incident Energy (MeV)

6

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( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

64-Gd-140



7

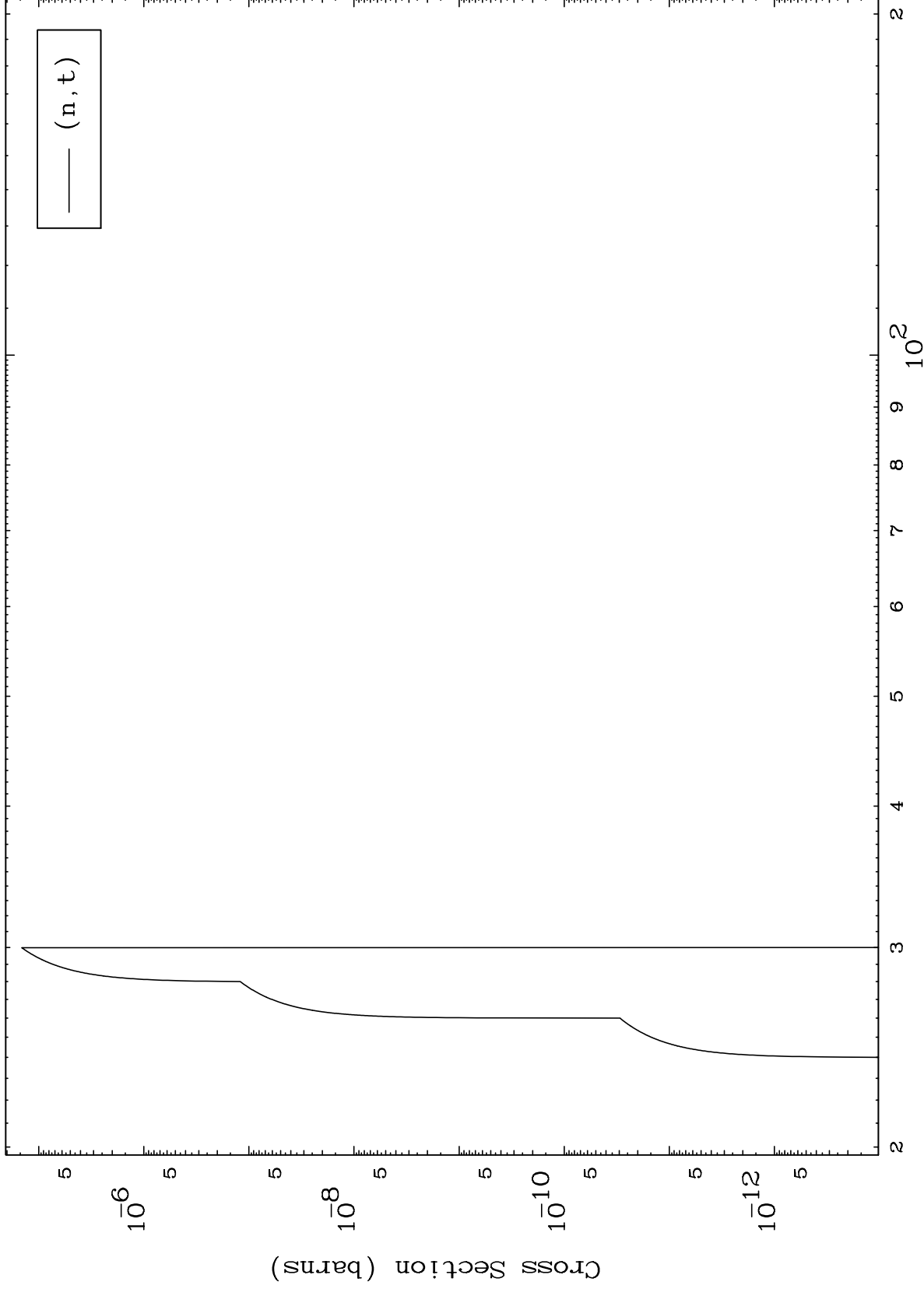
Incident Energy (MeV)

64-Gd-140

MAT 6389

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

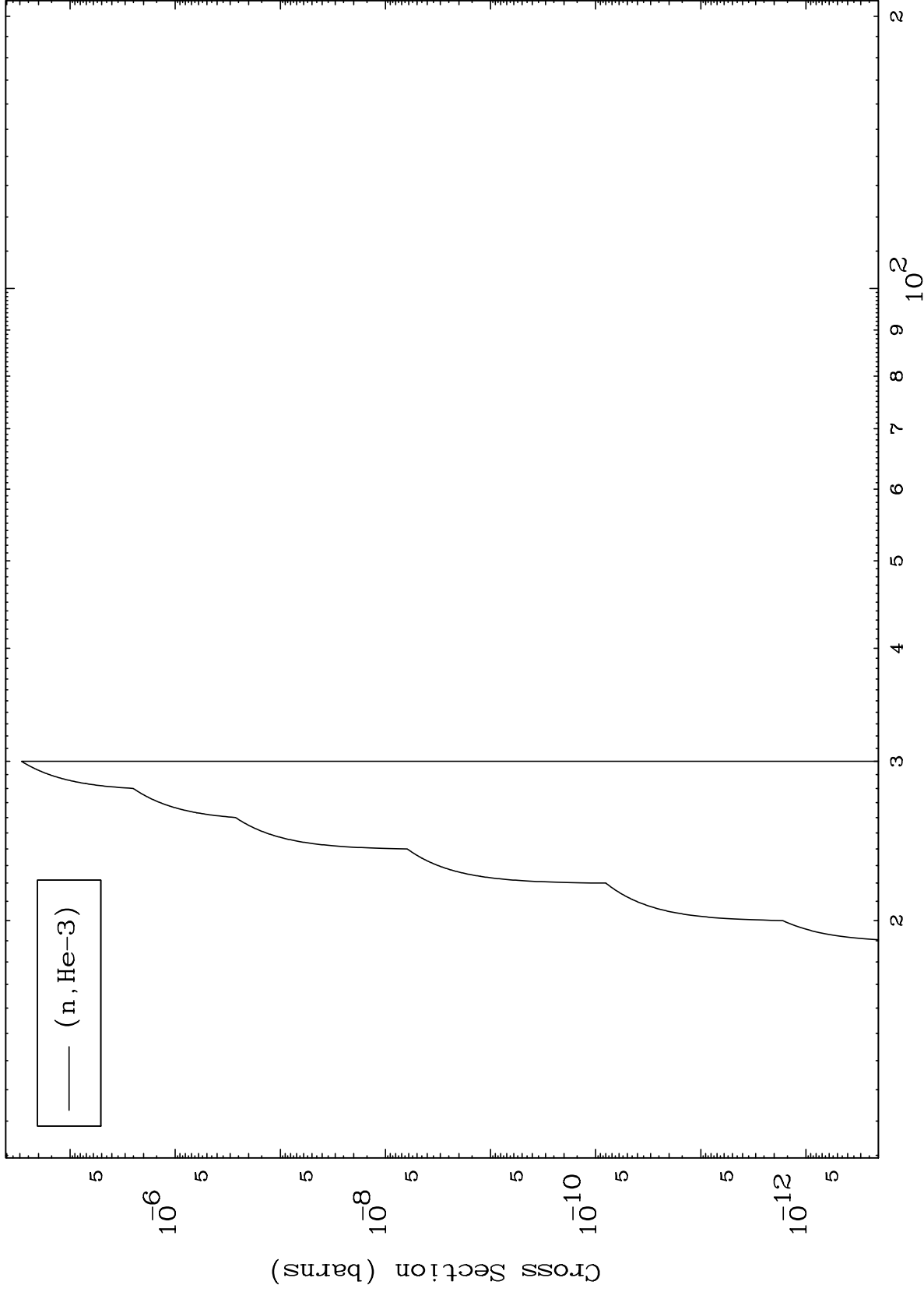
64-Gd-140



8

Incident Energy (MeV)

64-Gd-140

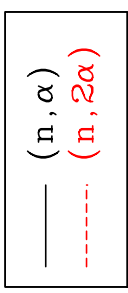
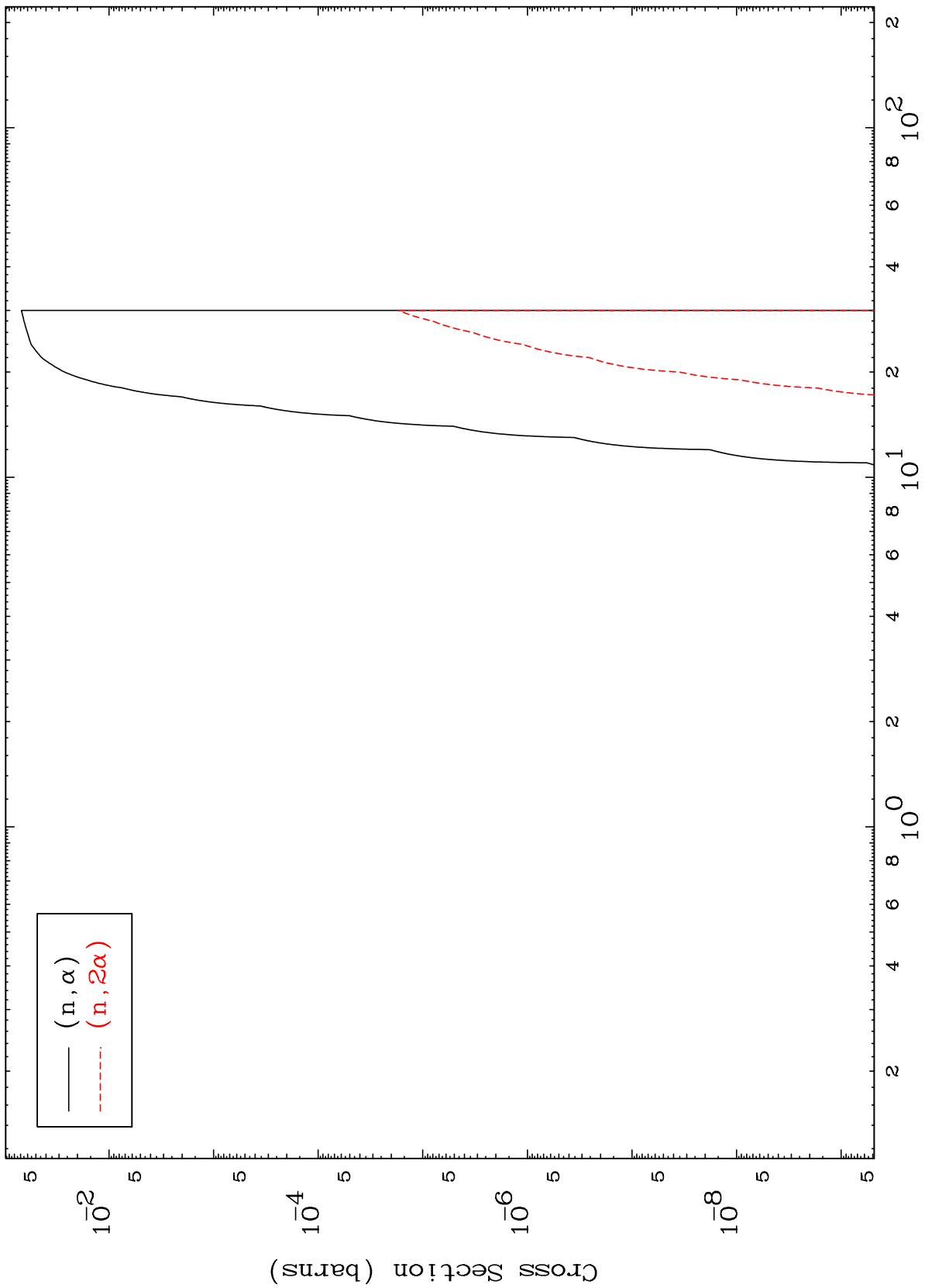


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( $\alpha, \alpha$ ) Levels

64-Gd-140

0 Kelvin Cross Sections



10

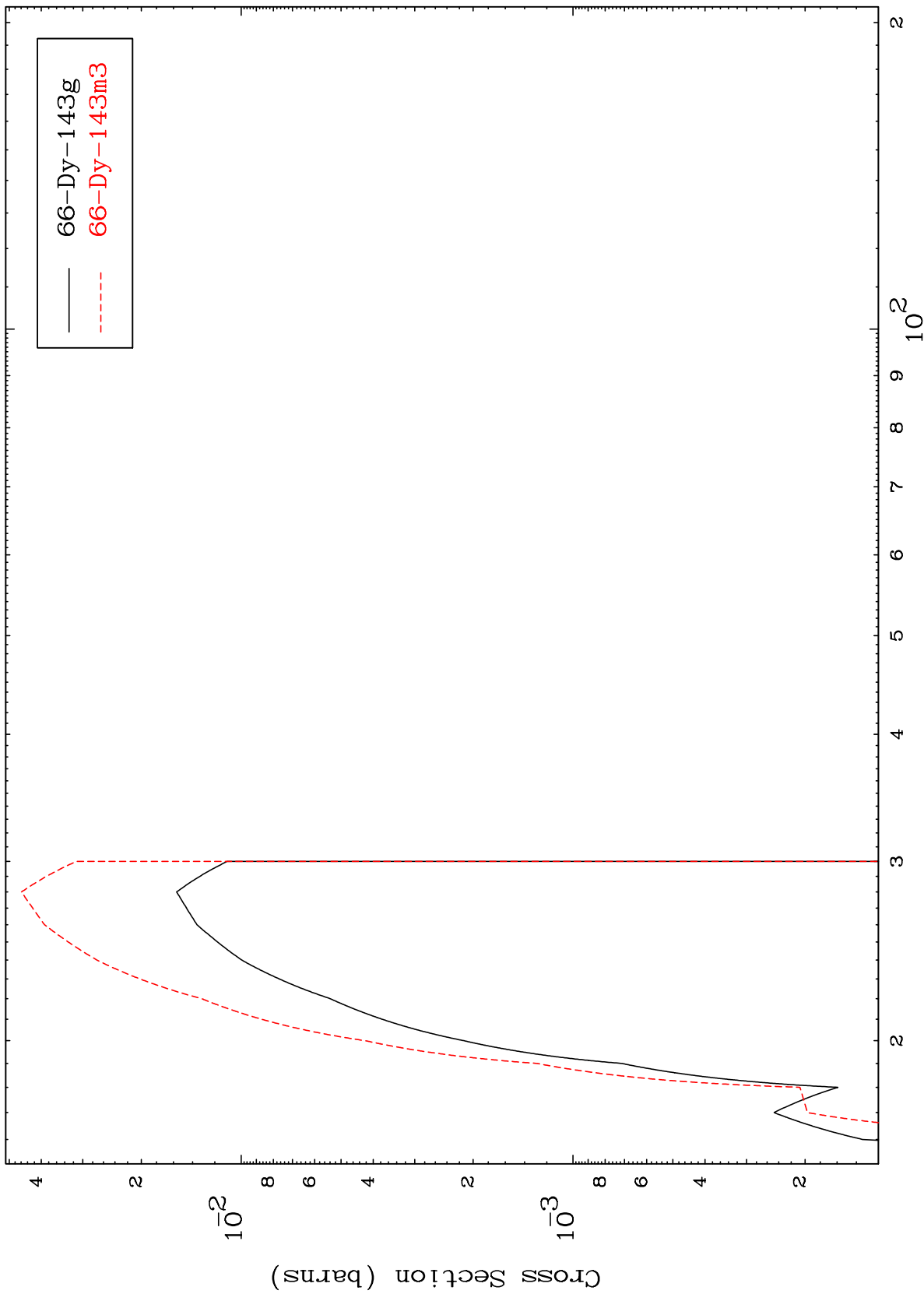
Incident Energy (MeV)

64-Gd-140

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64-Gd-140

Inelastic  
Radionuclide Production Cross Section



64-Gd-140

Incident Energy (MeV)

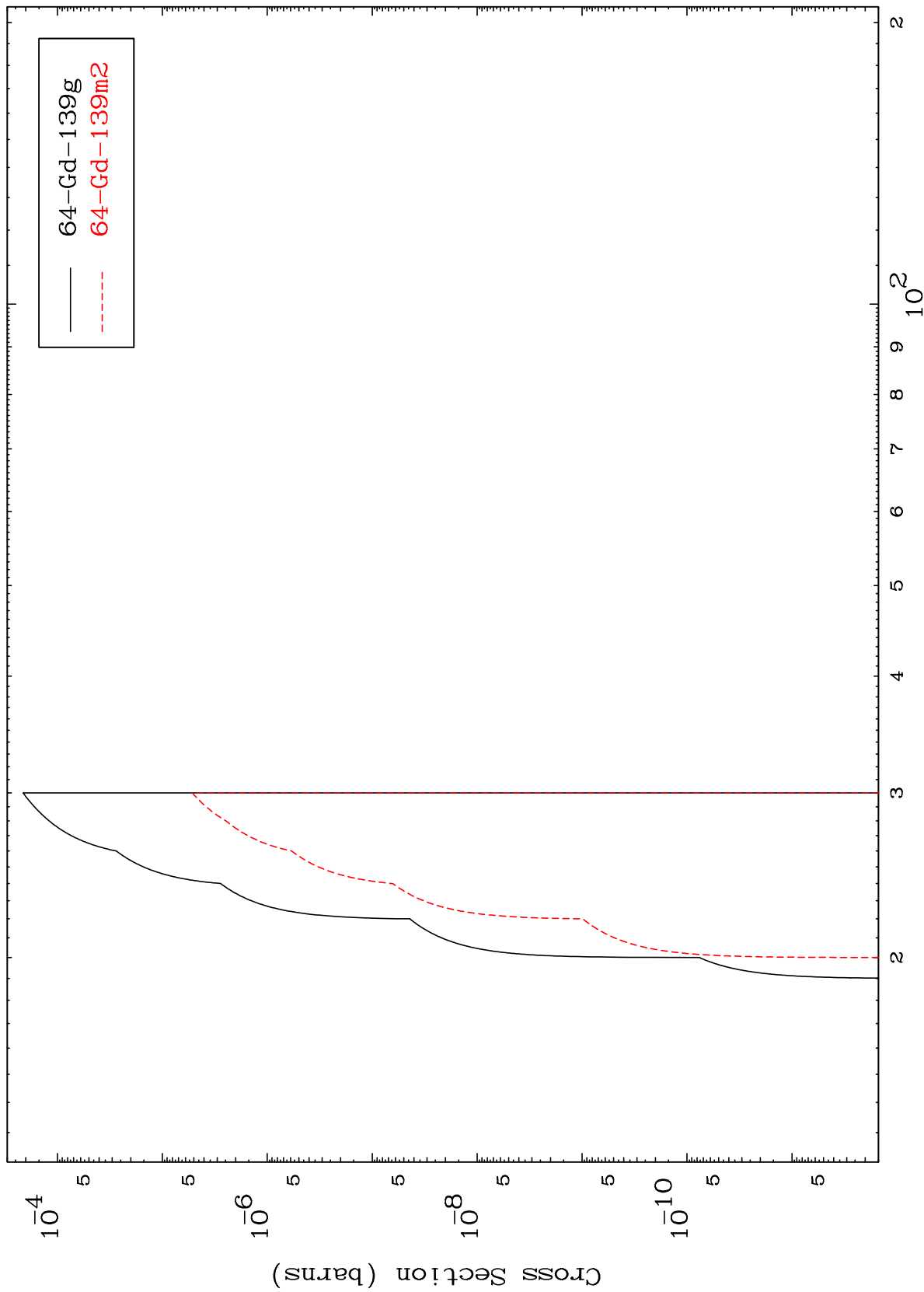
11

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$(n, n') \alpha$

64-Gd-140

Radionuclide Production Cross Section

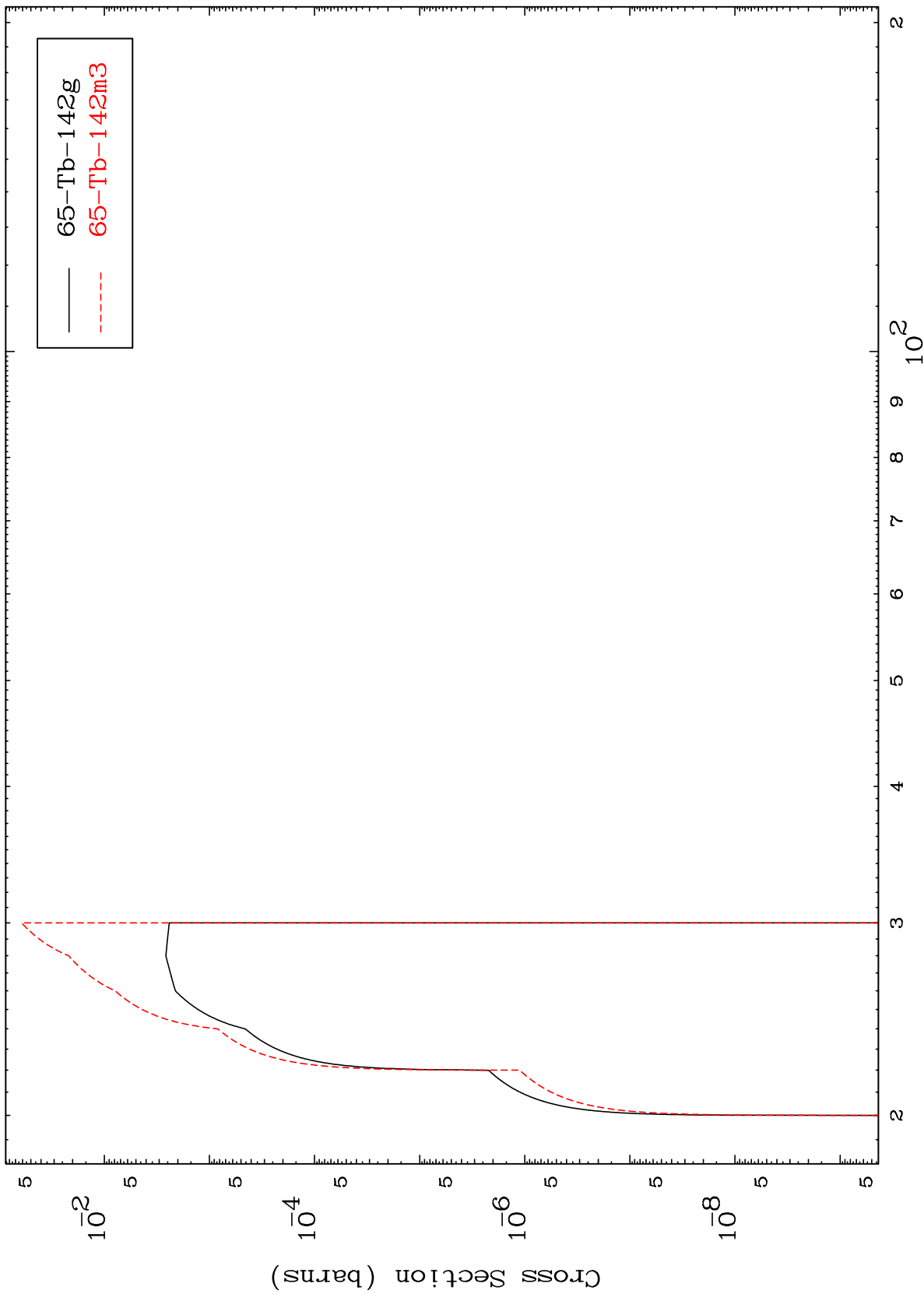


12

Incident Energy (MeV)

64-Gd-140

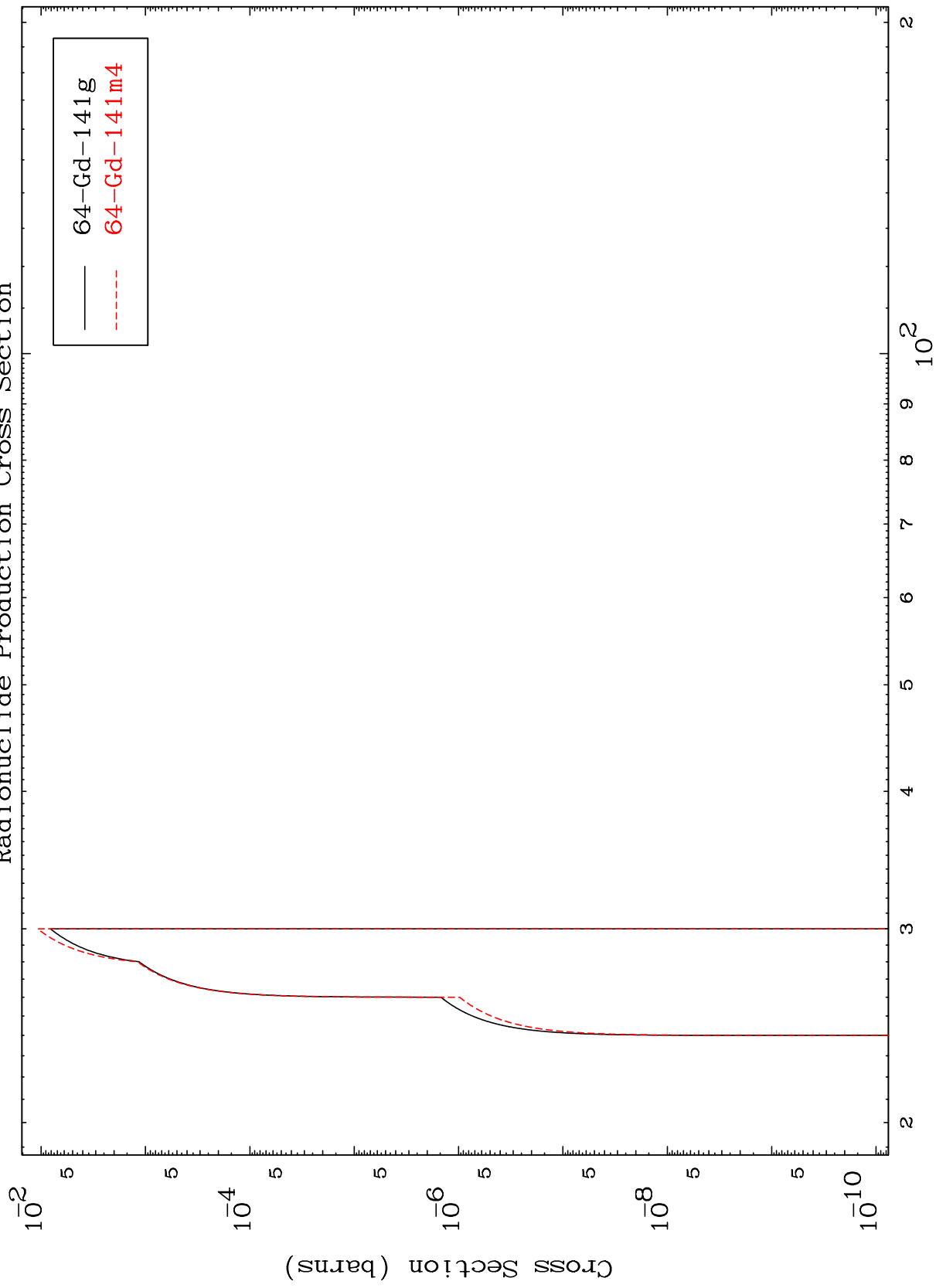
Radionuclide Production Cross Section



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64-Gd-140

(n,2n) p  
Radionuclide Production Cross Section



64-Gd-140

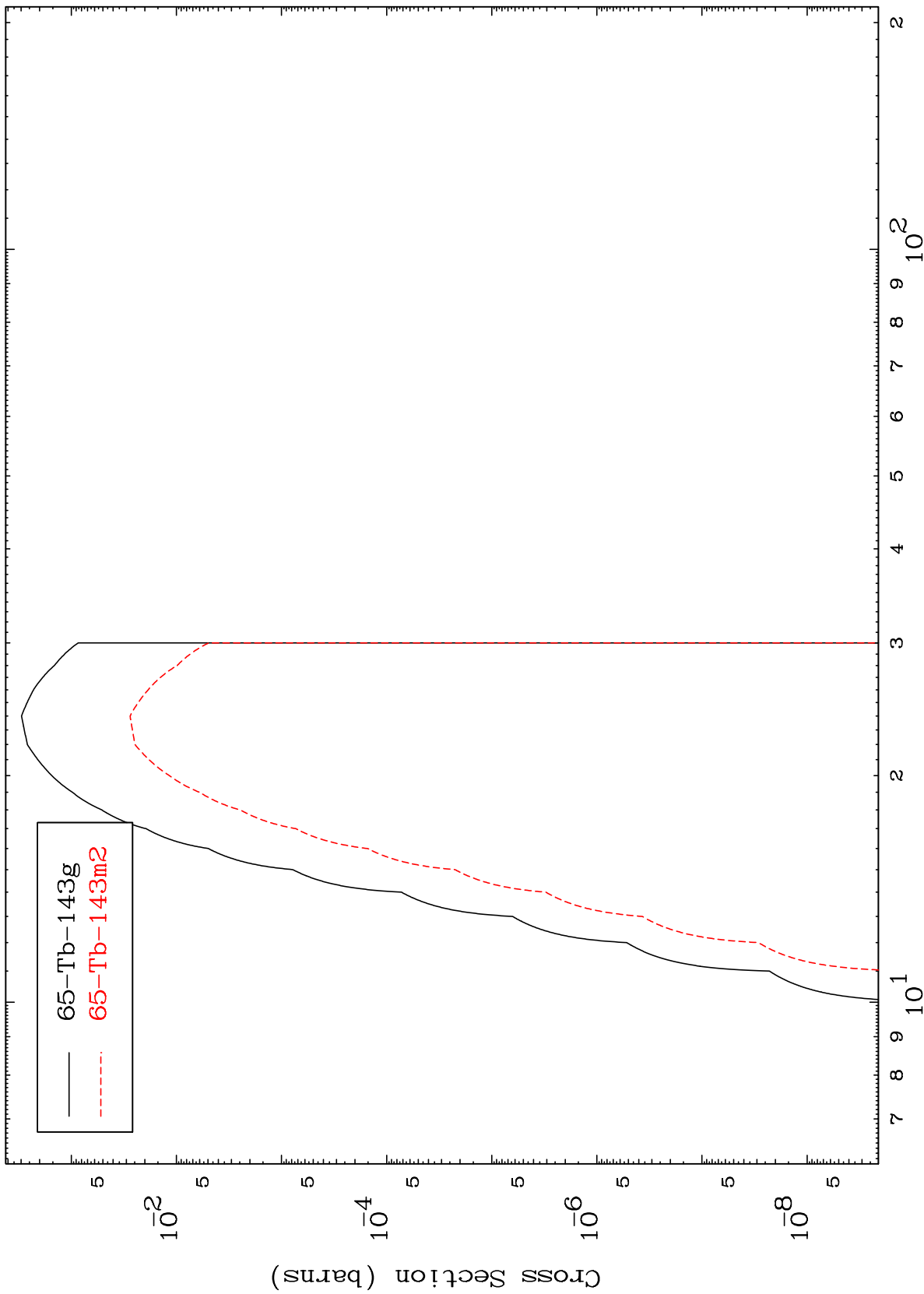
Incident Energy (MeV)

14

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64-Gd-140

(n,p)  
Radionuclide Production Cross Section

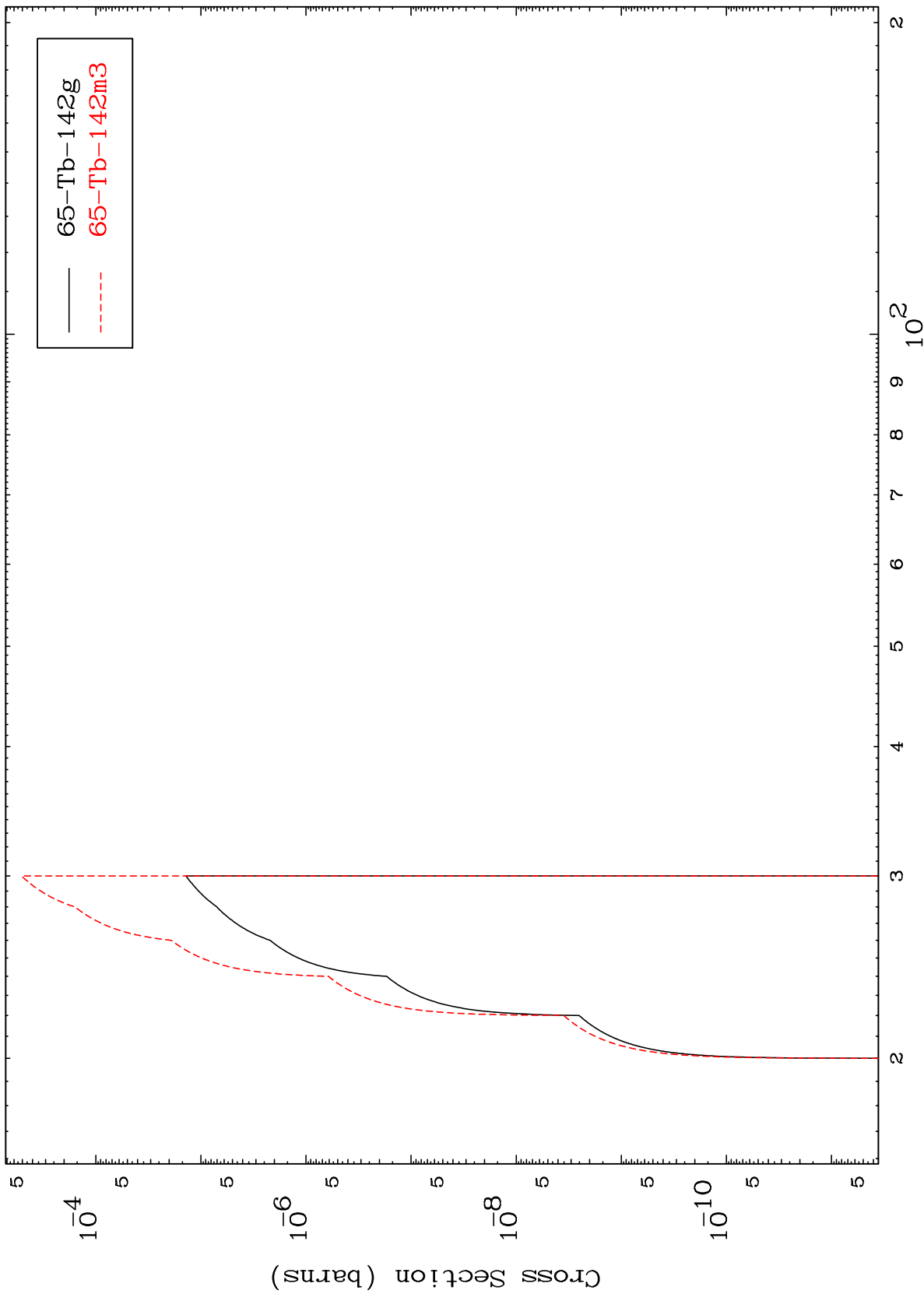


15

Incident Energy (MeV)

64-Gd-140

(n,d)  
Radionuclide Production Cross Section

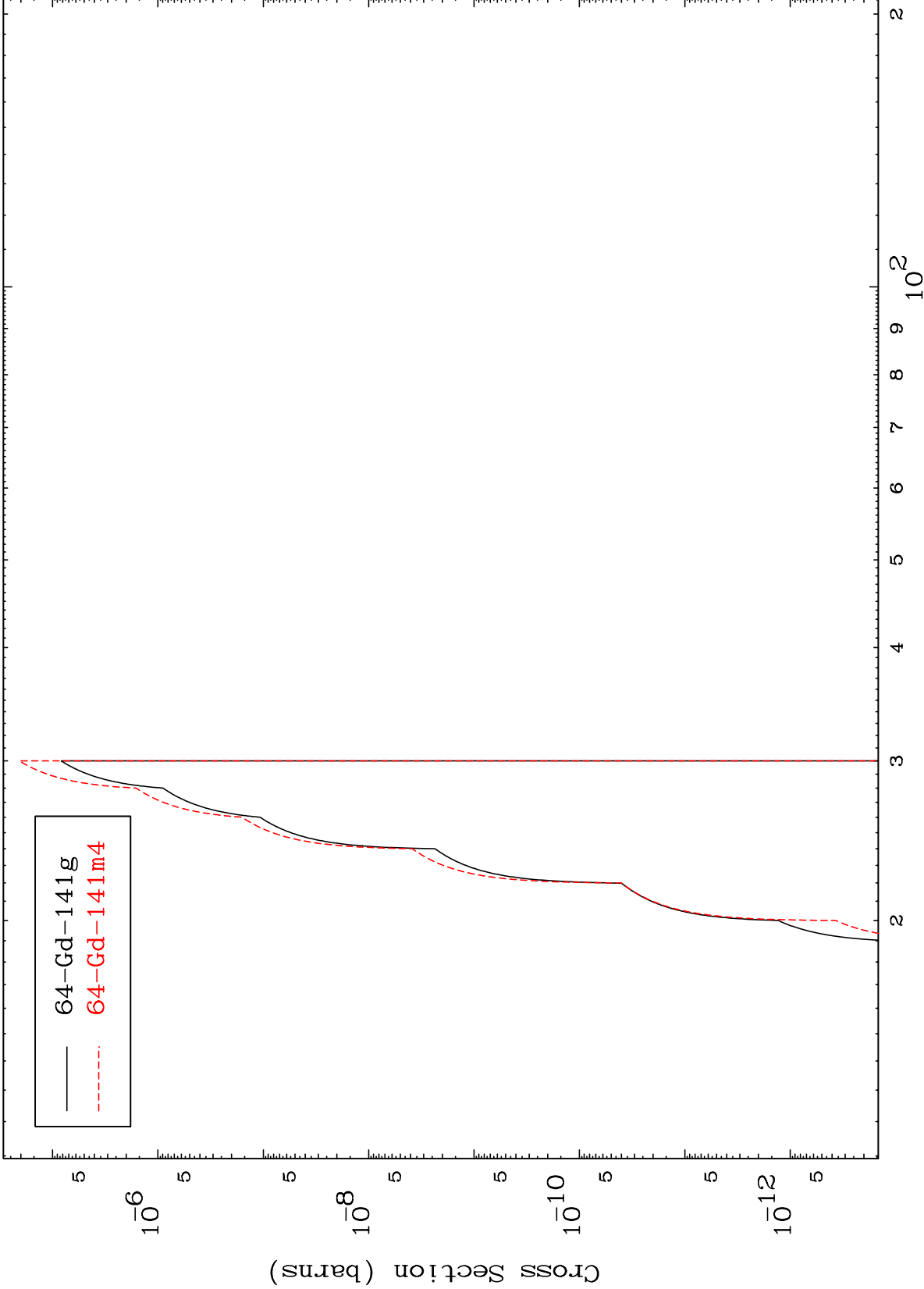


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(n,He-3)

64-Gd-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-140

Radionuclide Production Cross Section

