

Program EVALPLOT  
(Version 2021-1)

by

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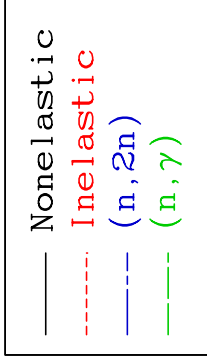
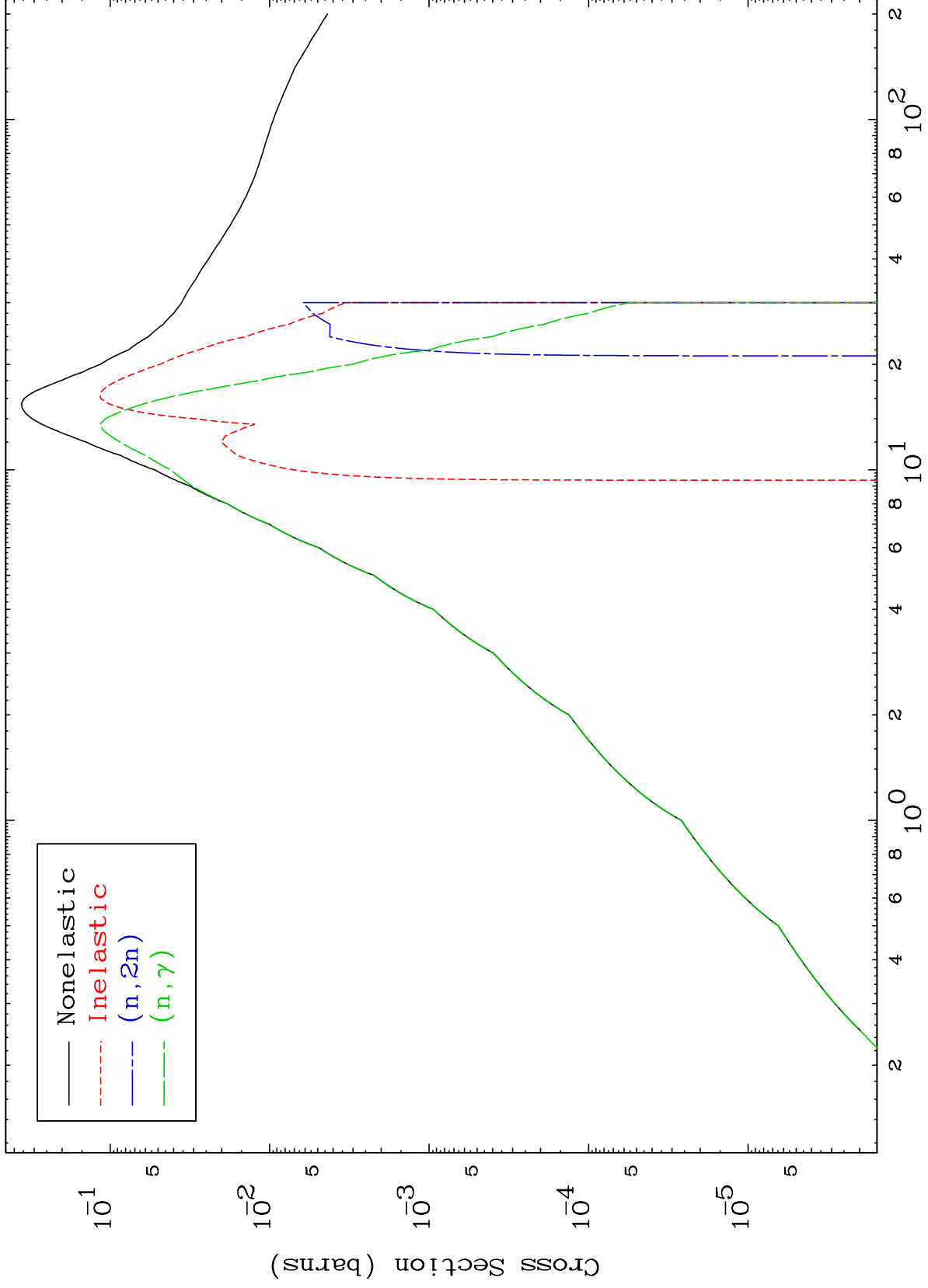
Press Mouse Button to Start

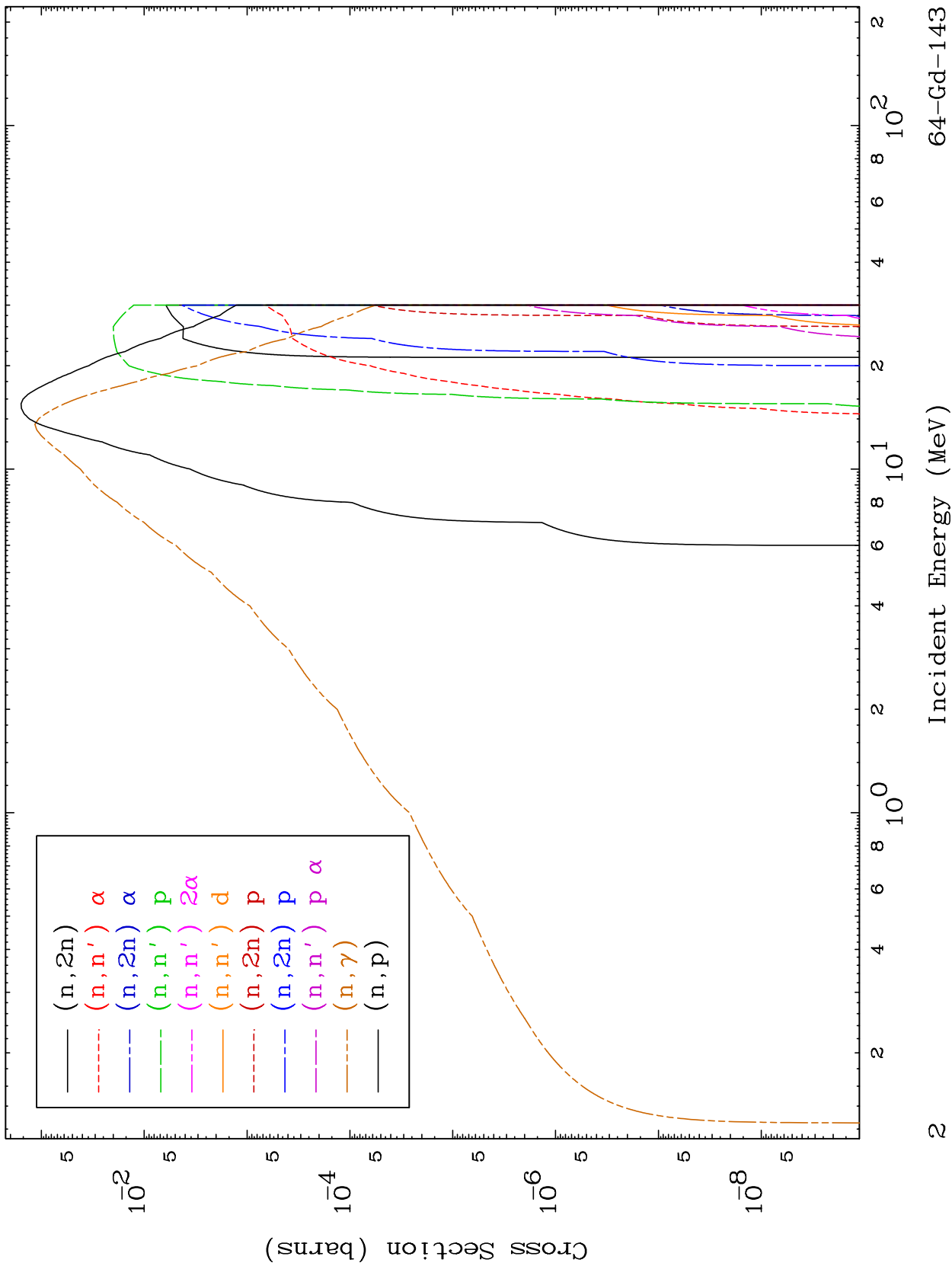
MAT 6398

Photon Major

64-Gd-143

0 Kelvin Cross Sections

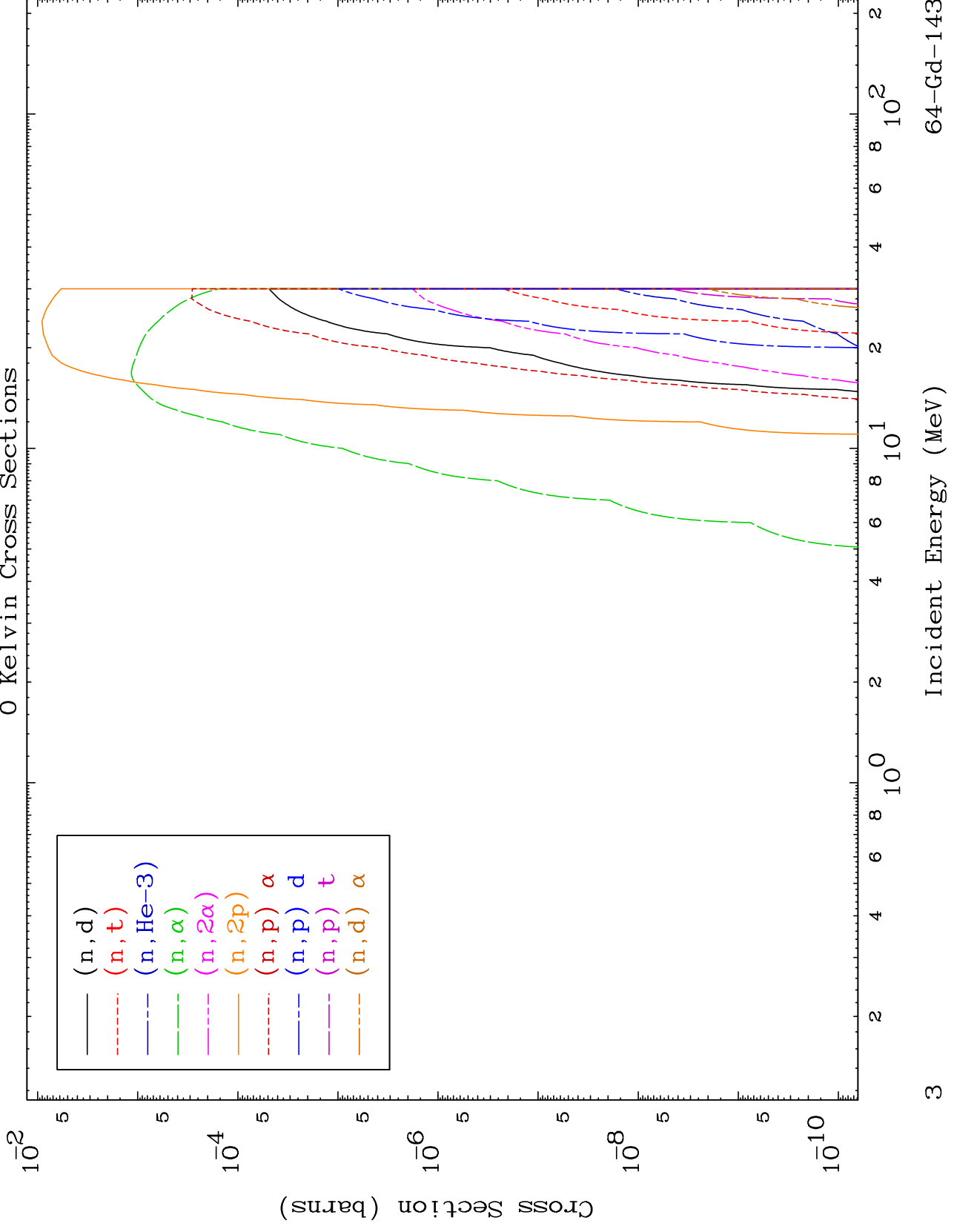


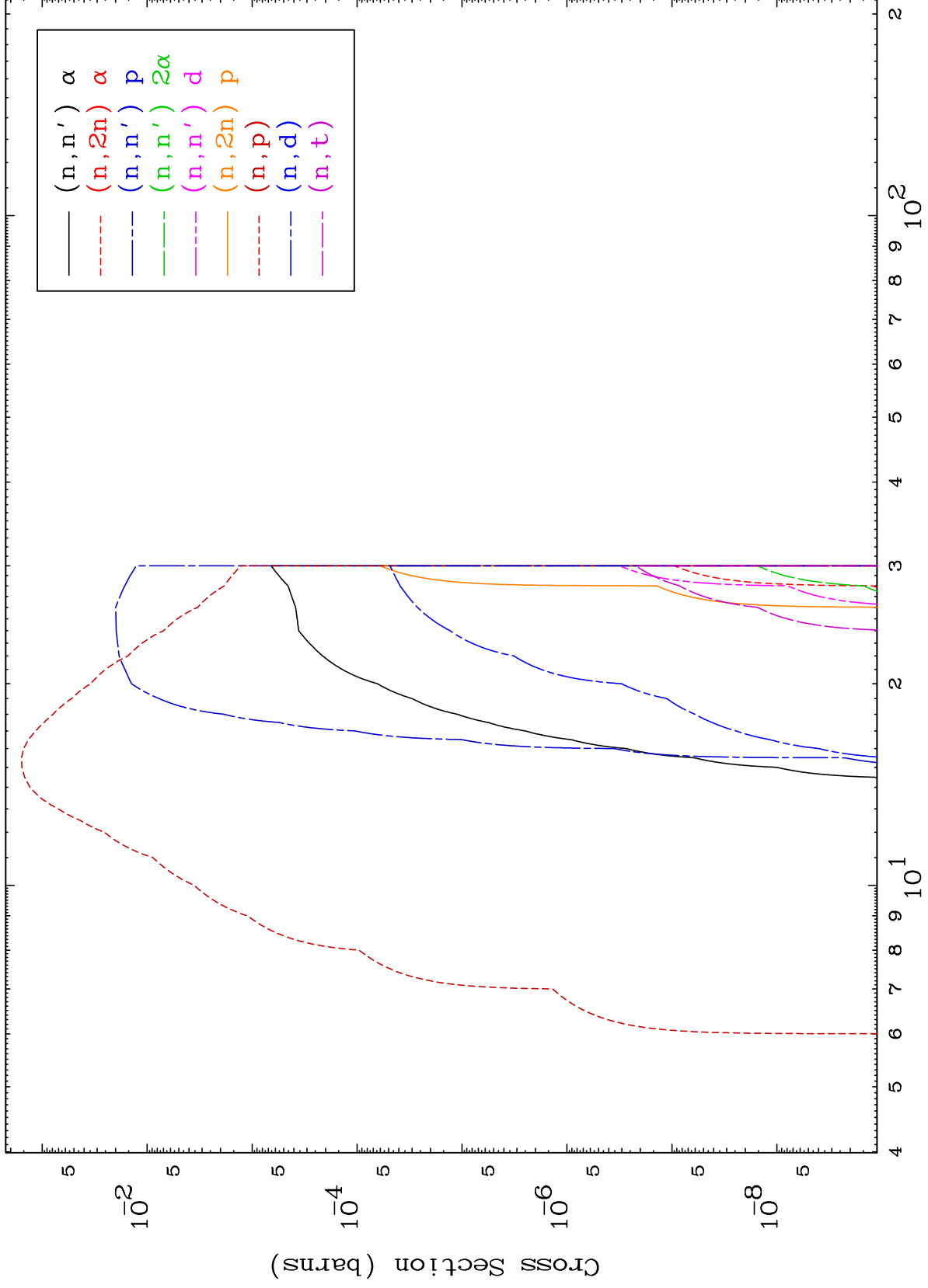


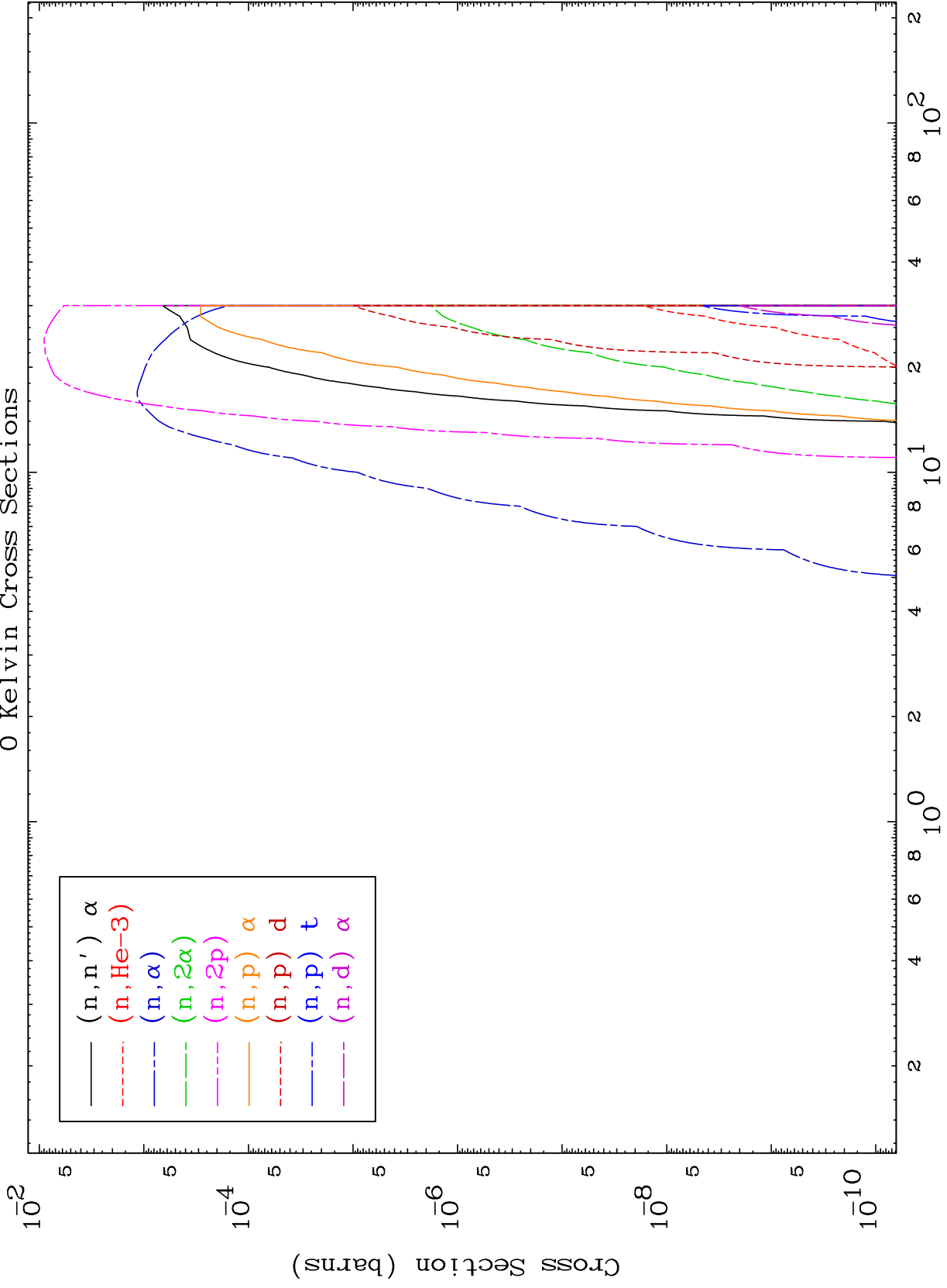
MAT 6398

Photon Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-143





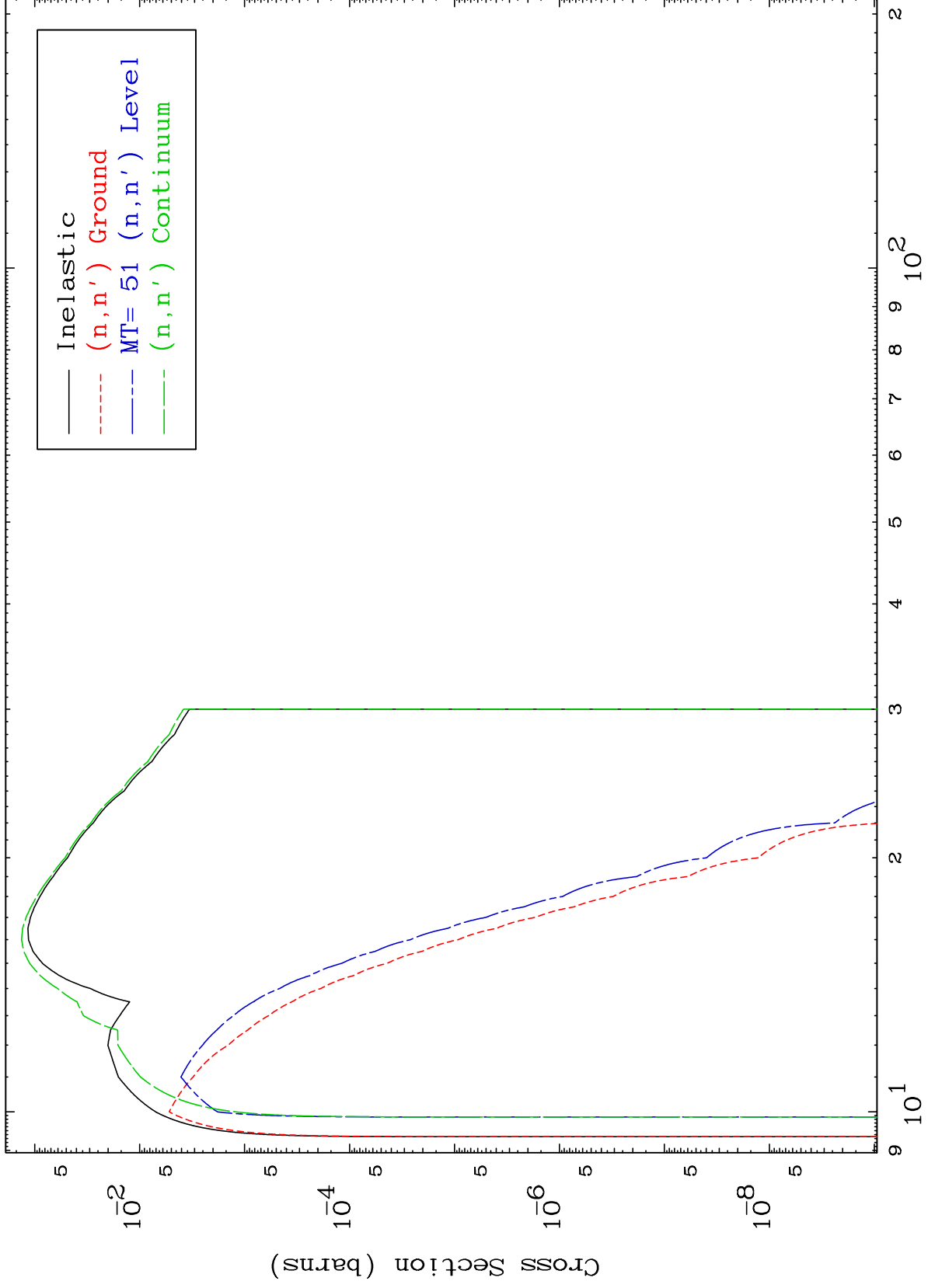


MAT 6398

( $\gamma, n'$ ) Levels

64-Gd-143

0 Kelvin Cross Sections



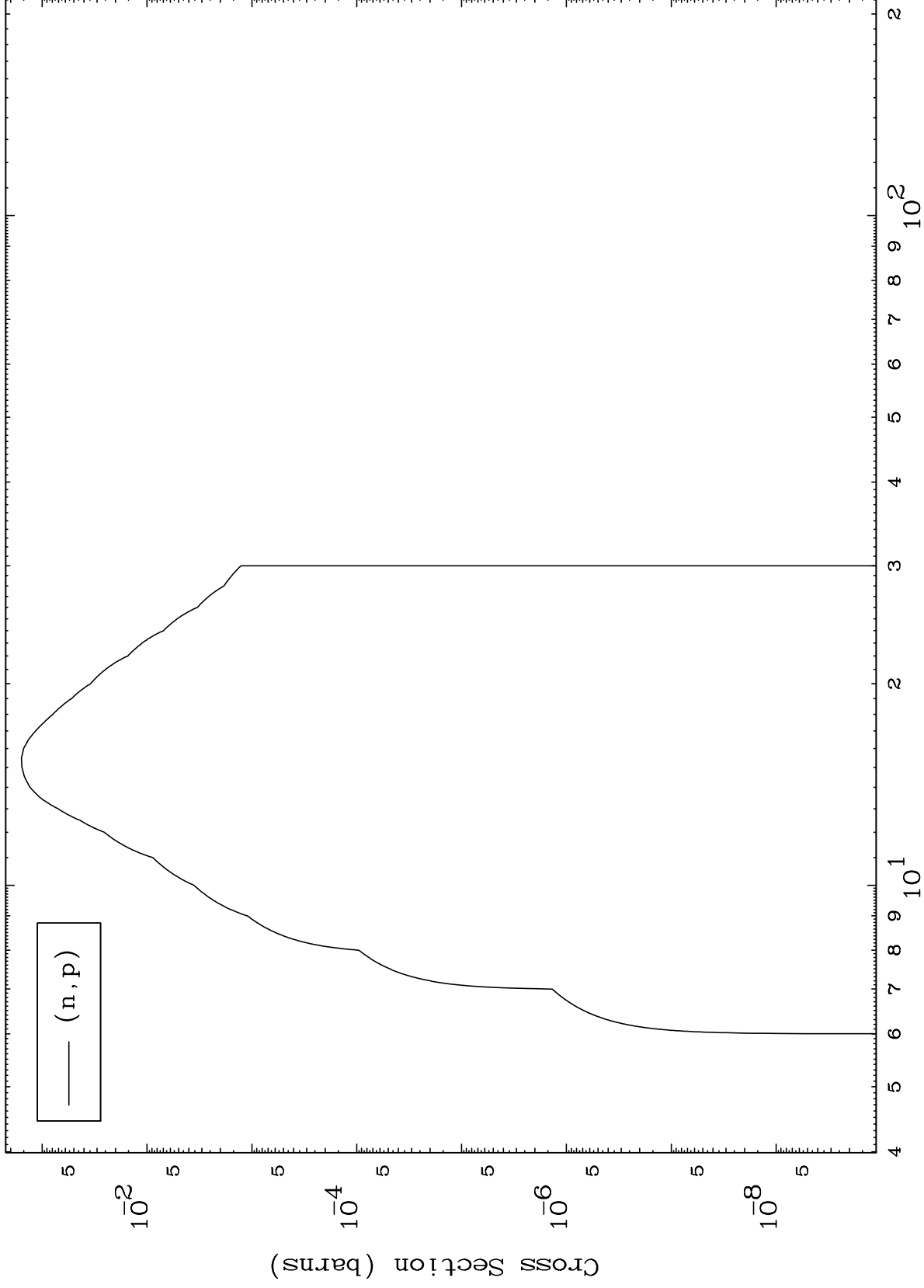
Incident Energy (MeV)

64-Gd-143

MAT 6398

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

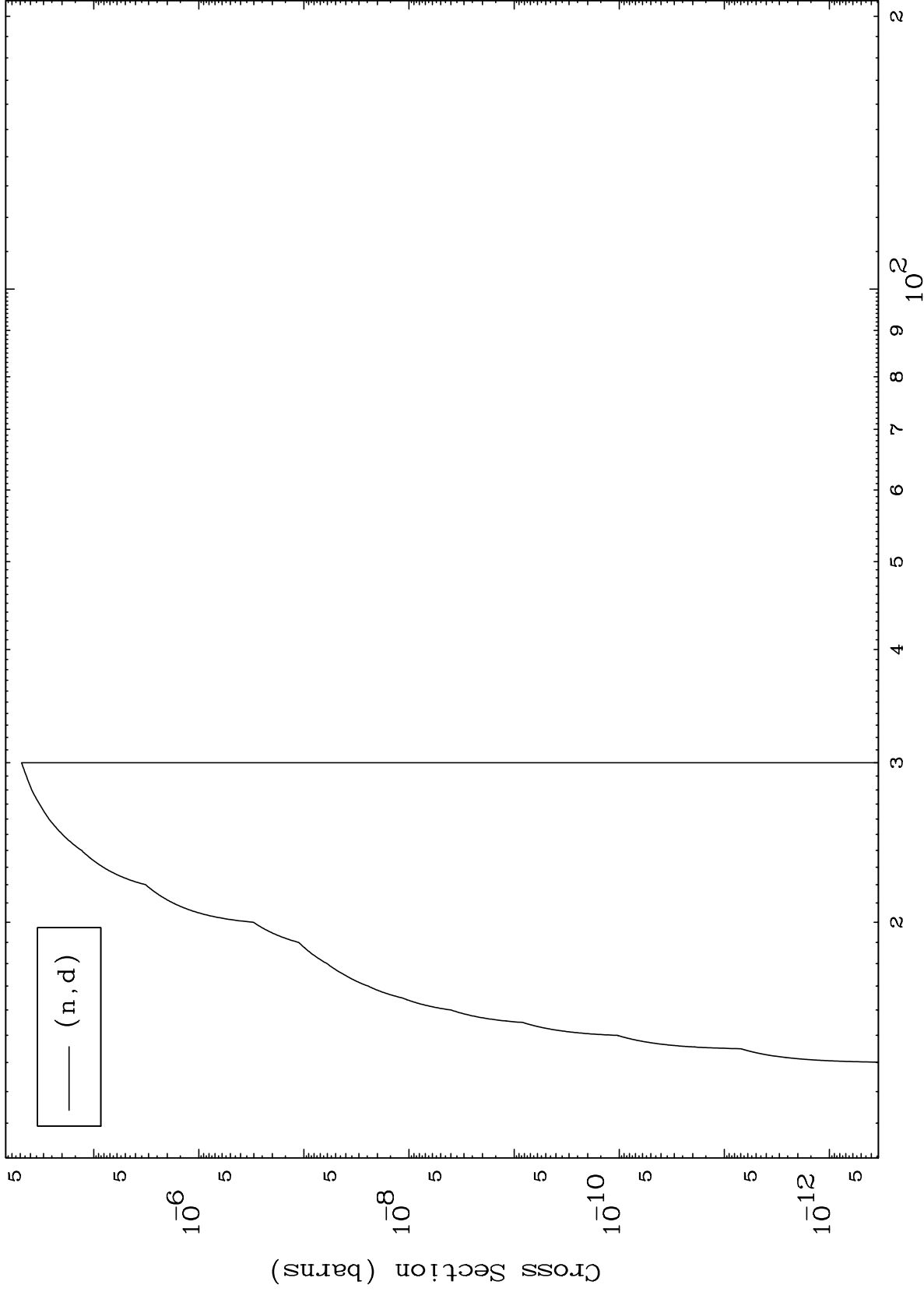
64-Gd-143

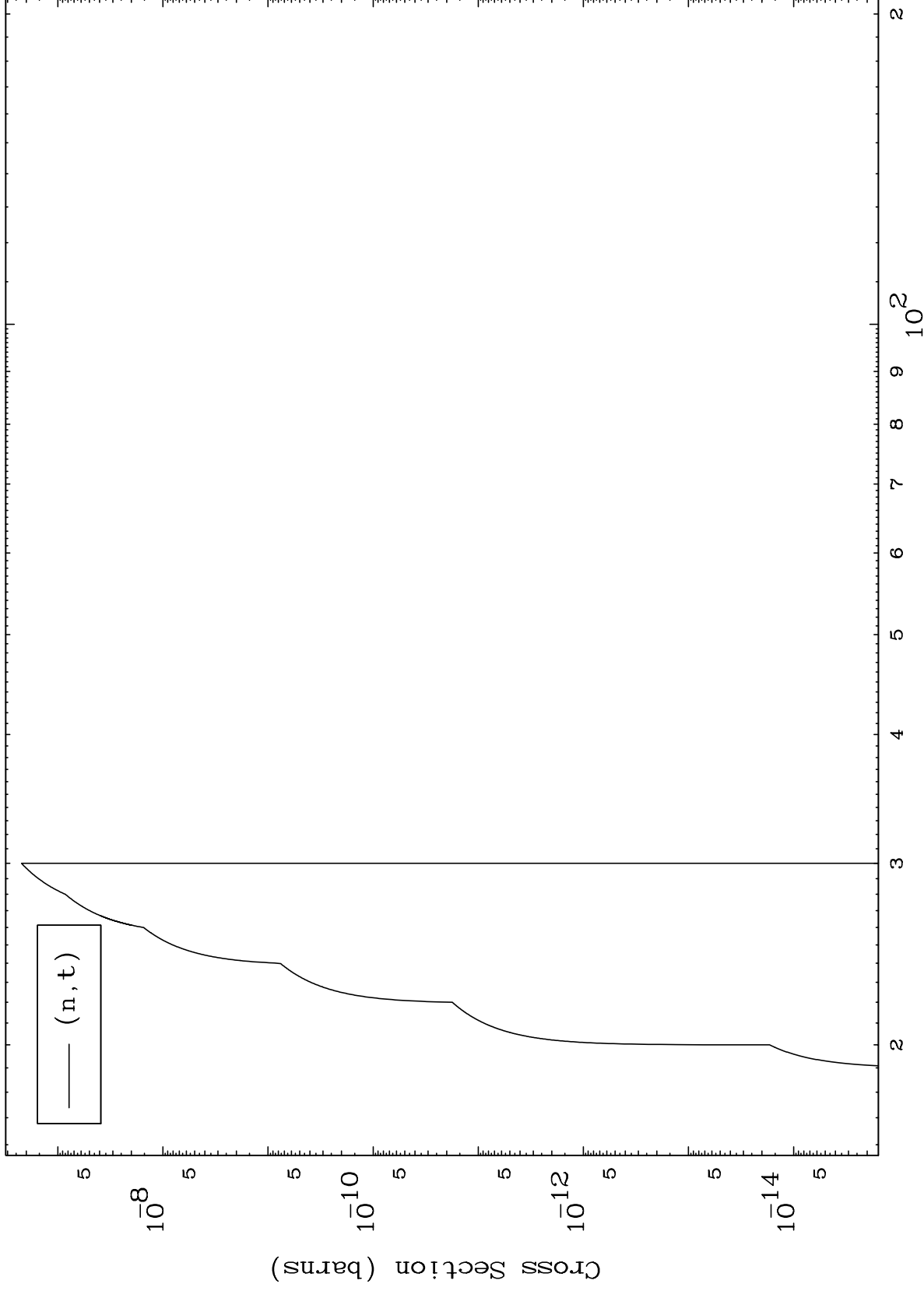


7

Incident Energy (MeV)

64-Gd-143

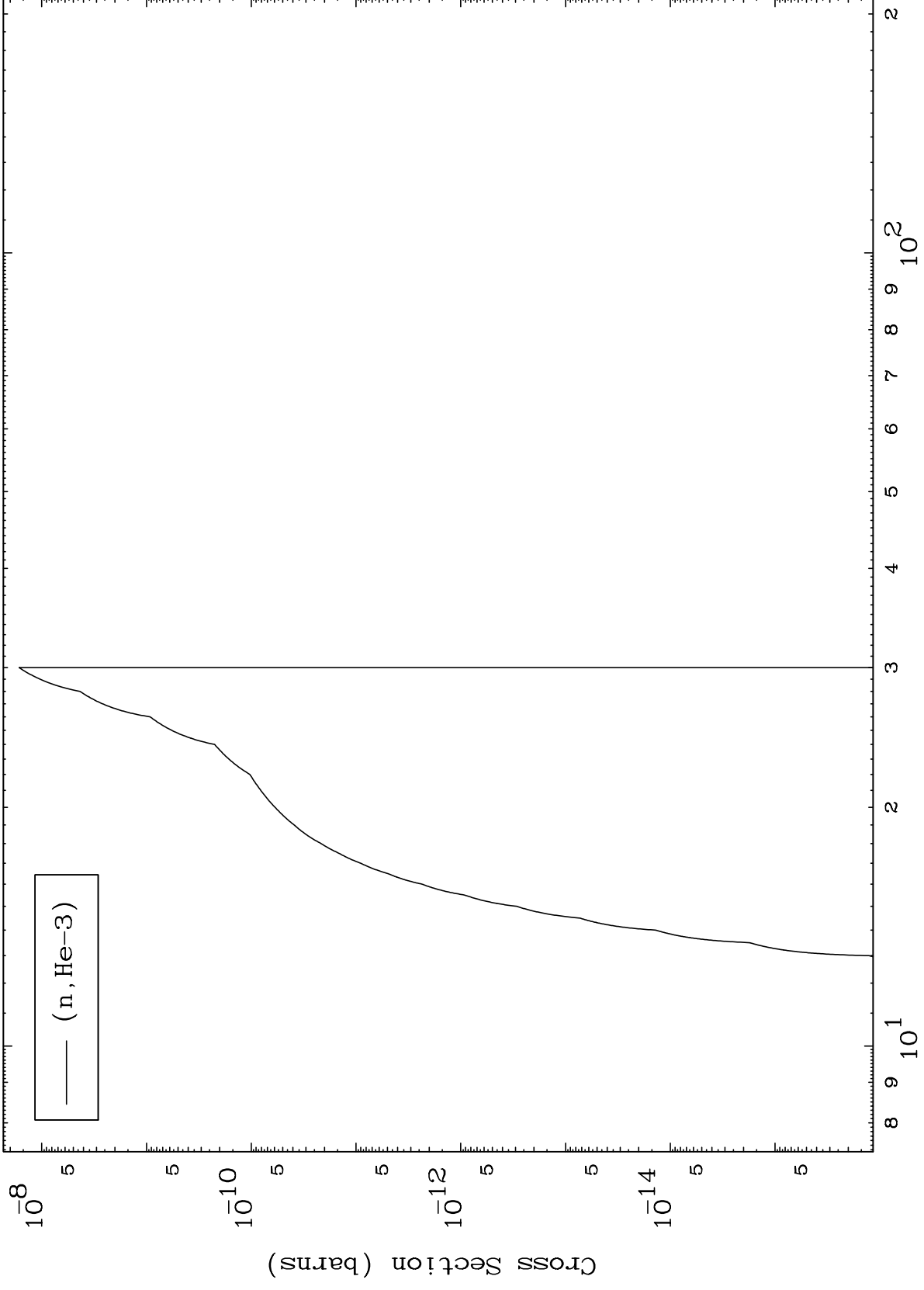




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64-Gd-143

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



64-Gd-143

Incident Energy (MeV)

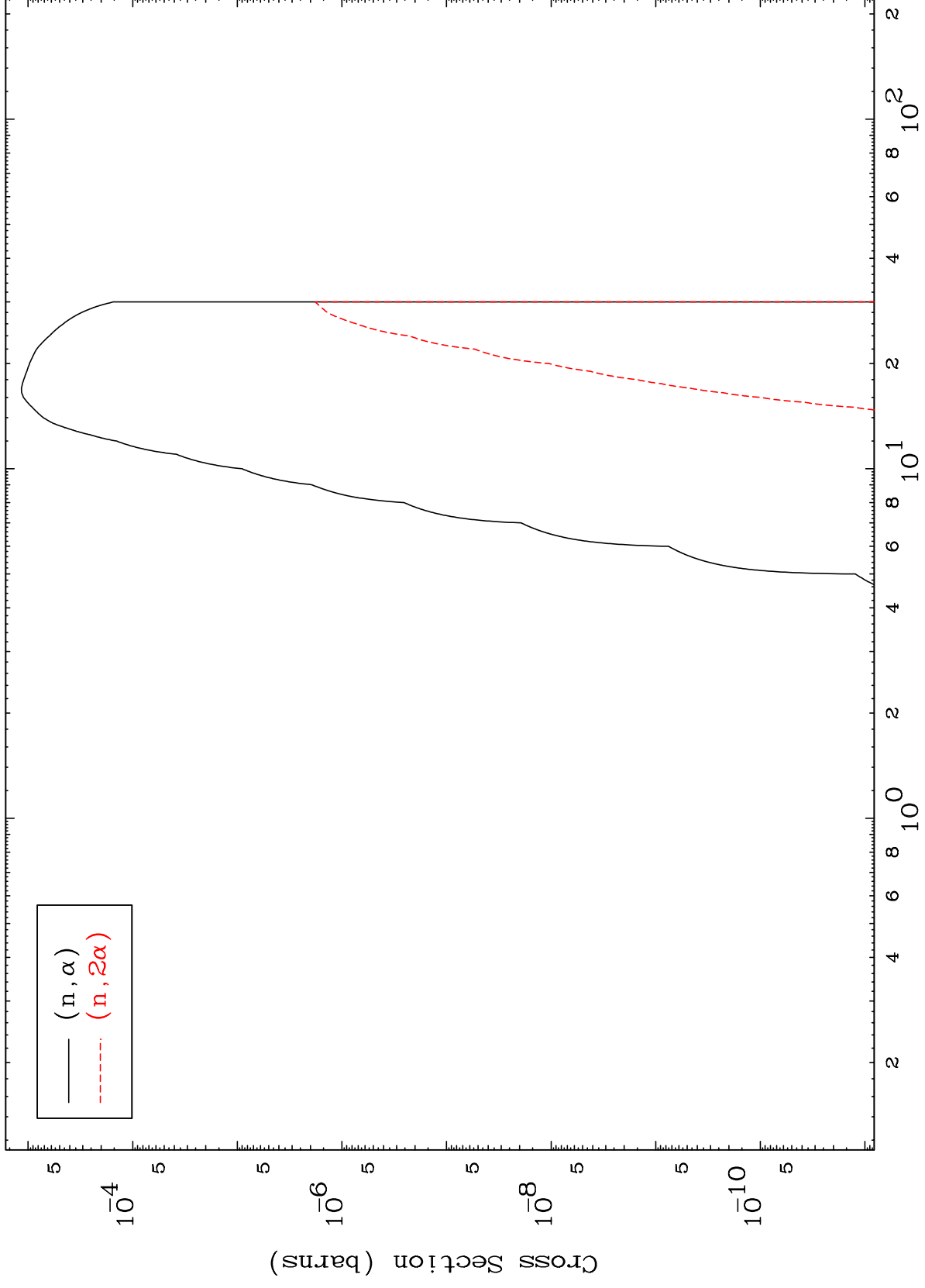
10

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( $\gamma, \alpha$ ) Levels

64-Gd-143

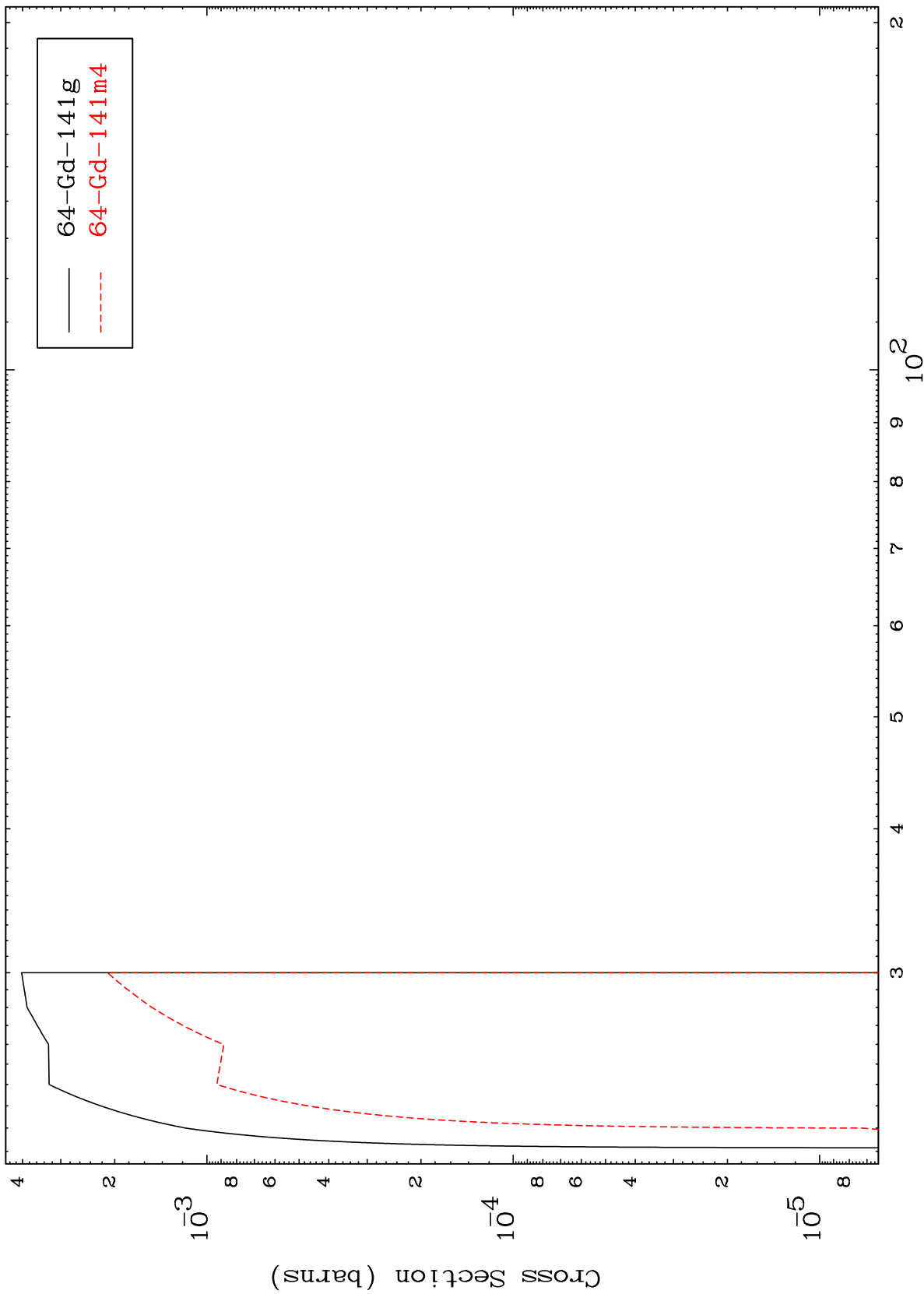
0 Kelvin Cross Sections



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64-Gd-143

(n,2n)  
Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

12

Incident Energy (MeV)

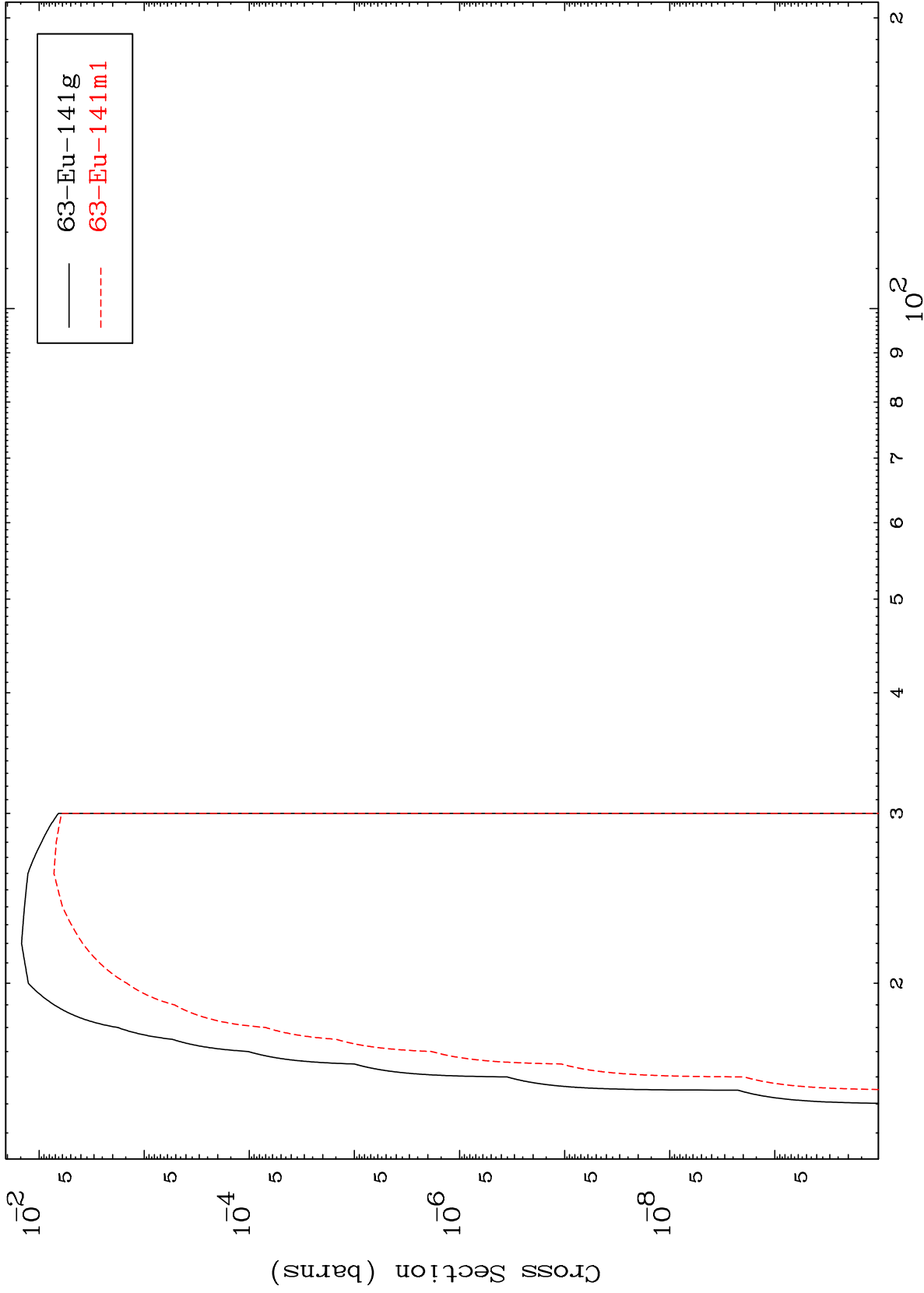
64-Gd-143

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(n,n') p

64-Gd-143

Radionuclide Production Cross Section



13

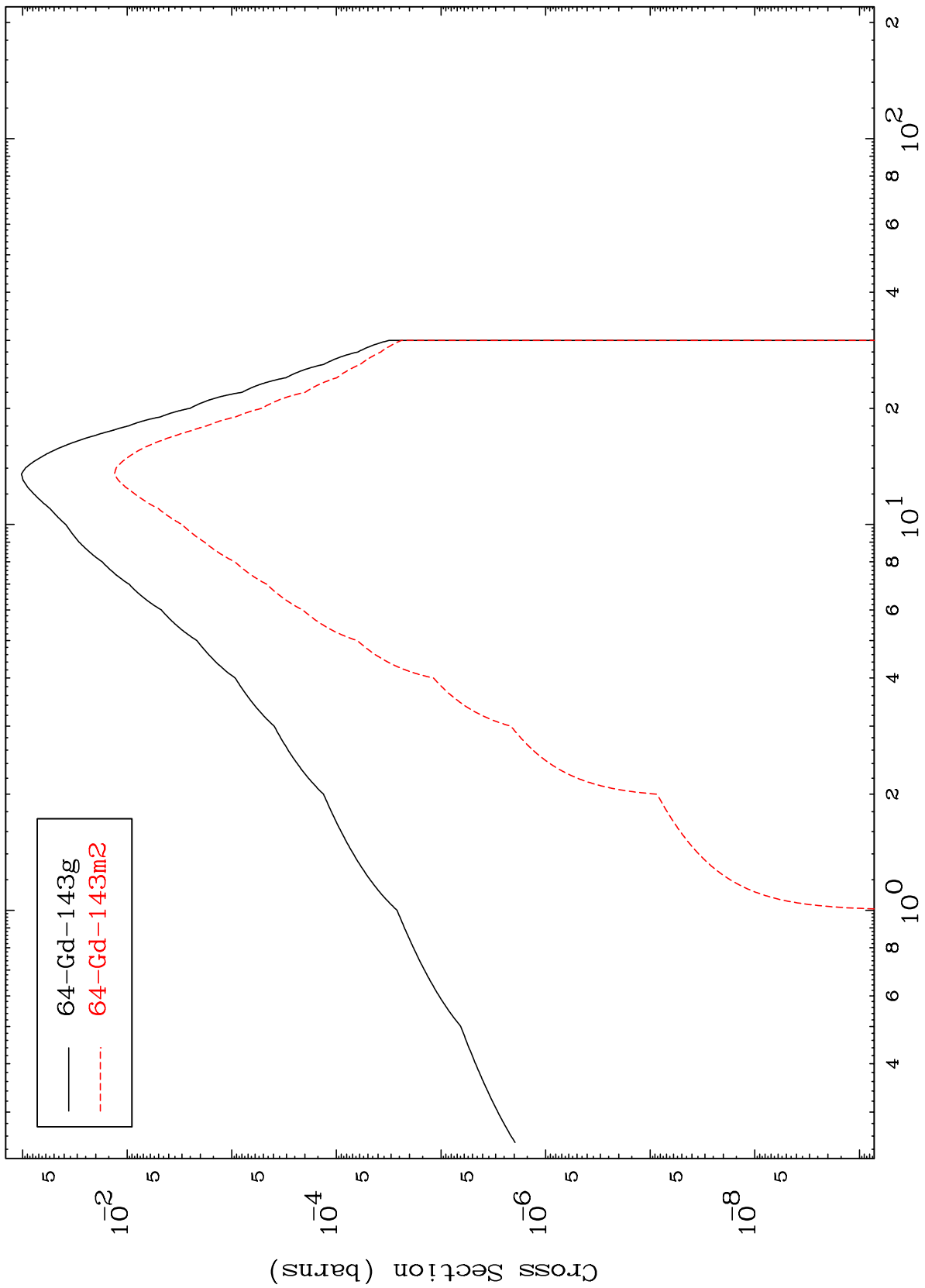
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

(n,γ)  
Radionuclide Production Cross Section



14

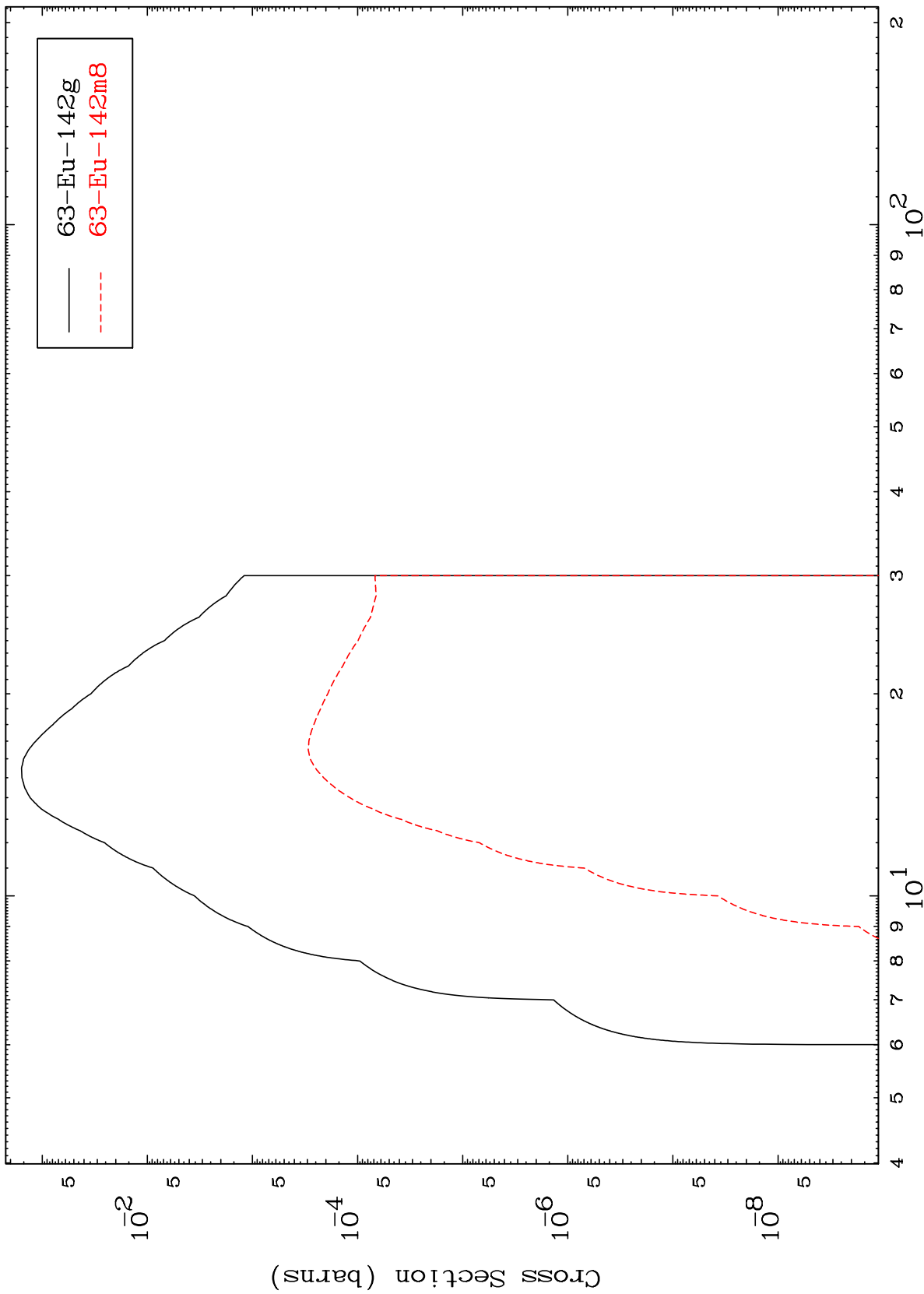
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

(n,p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

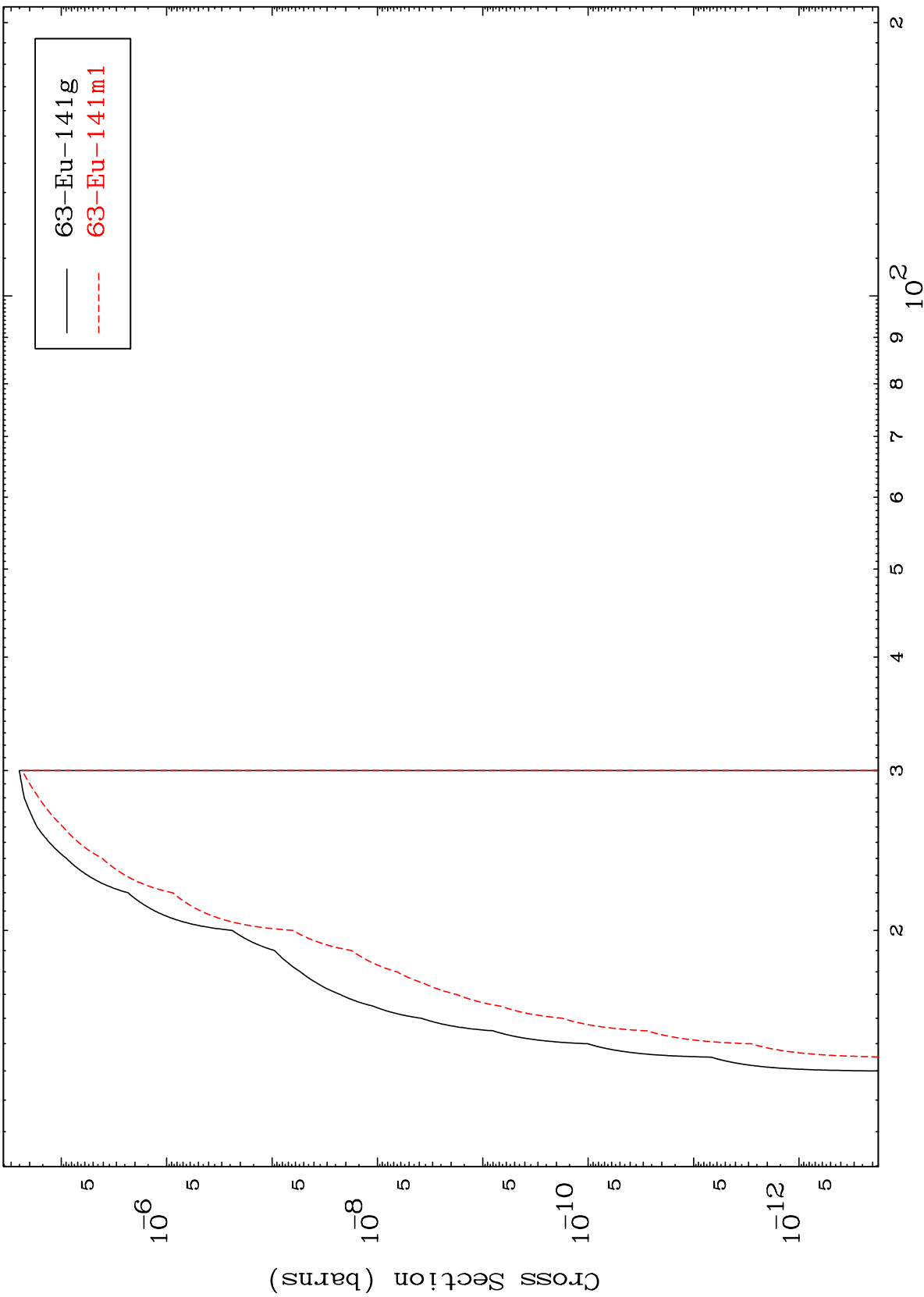
64-Gd-143

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(n,d)

64-Gd-143

Radionuclide Production Cross Section



16

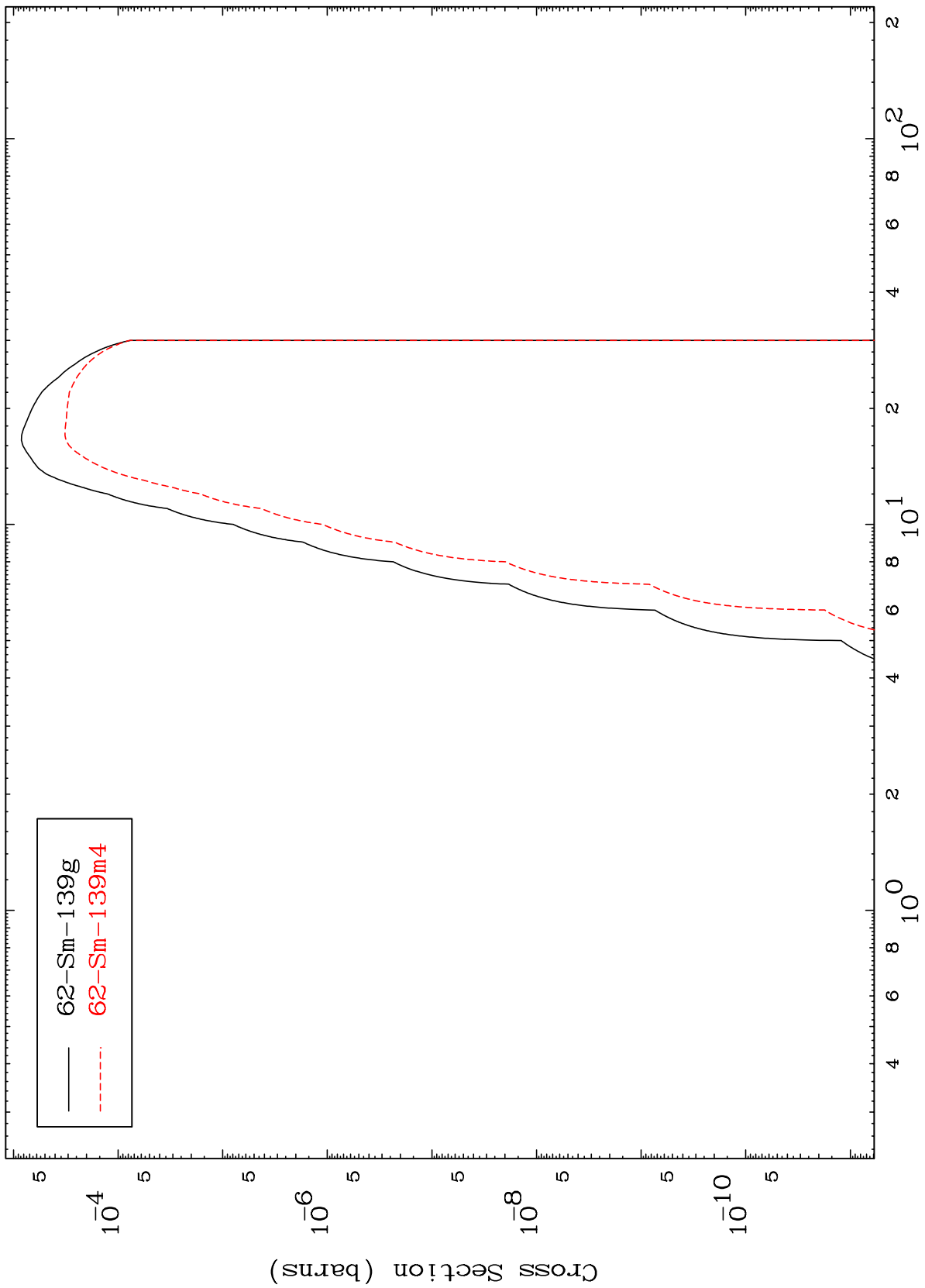
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

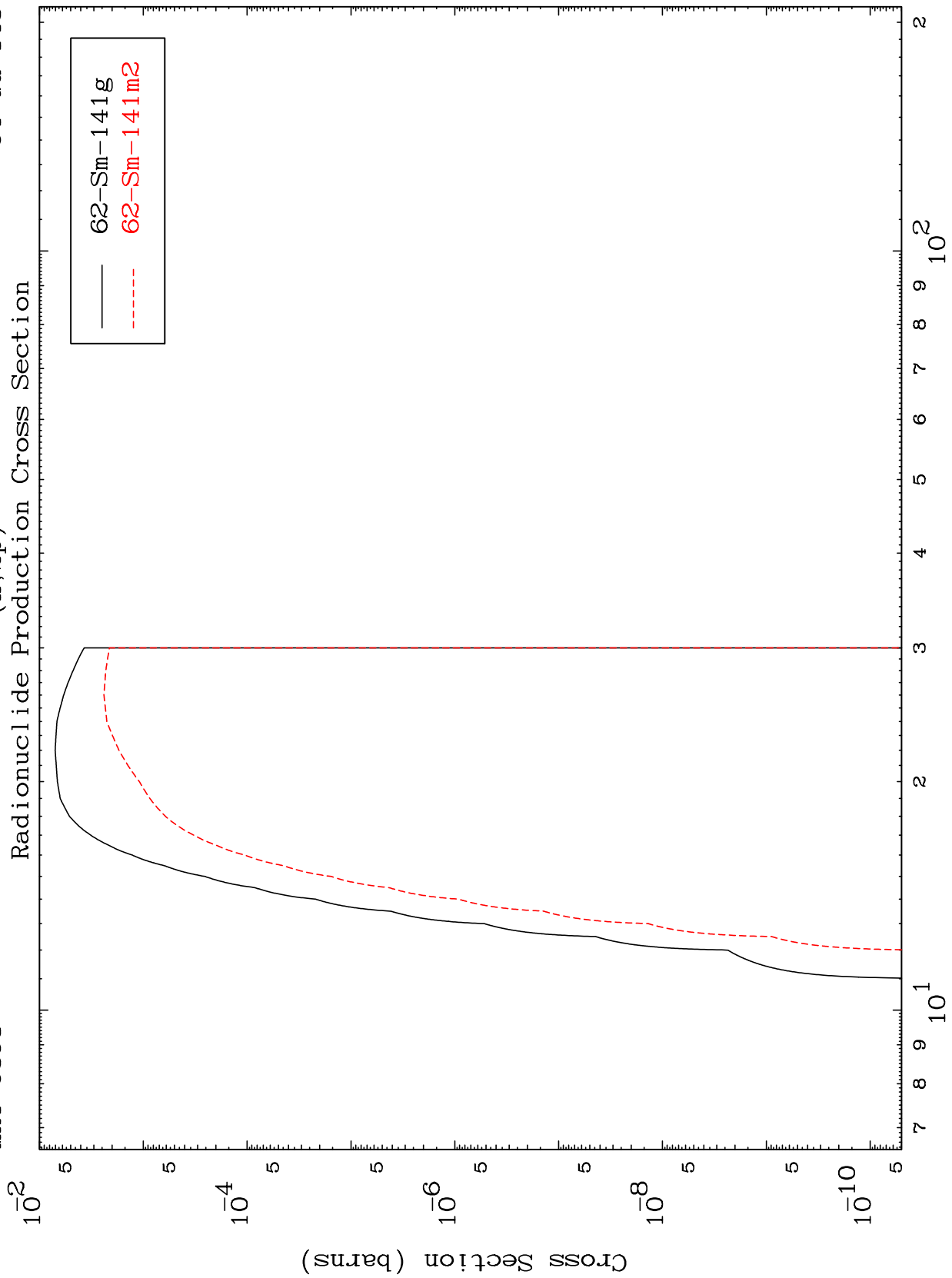
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 6398

64-Gd-143

(n,2p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

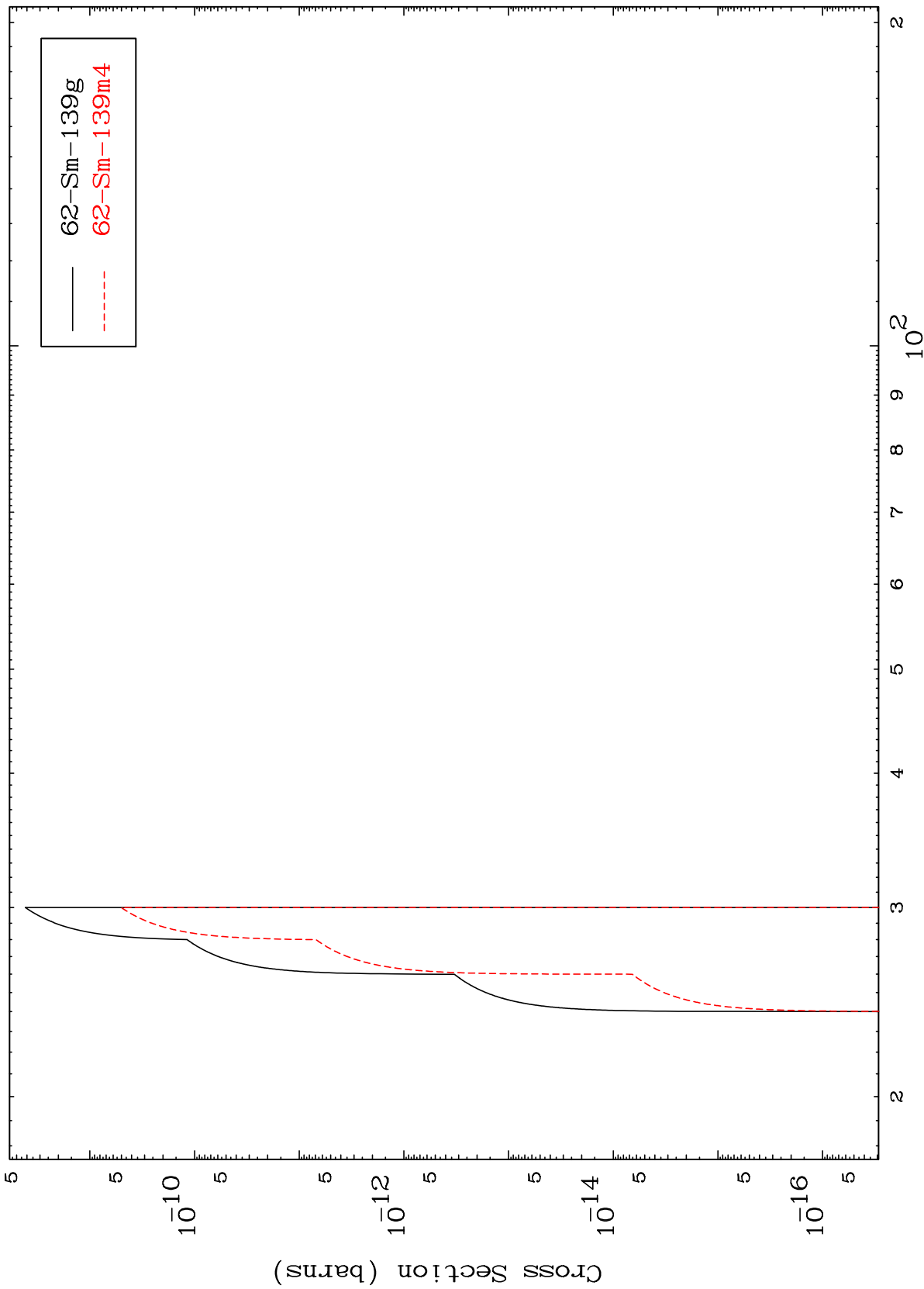
64-Gd-143

MAT 6398

(n,p) t

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-143