

Program EVALPLOT  
(Version 2021-1)

by

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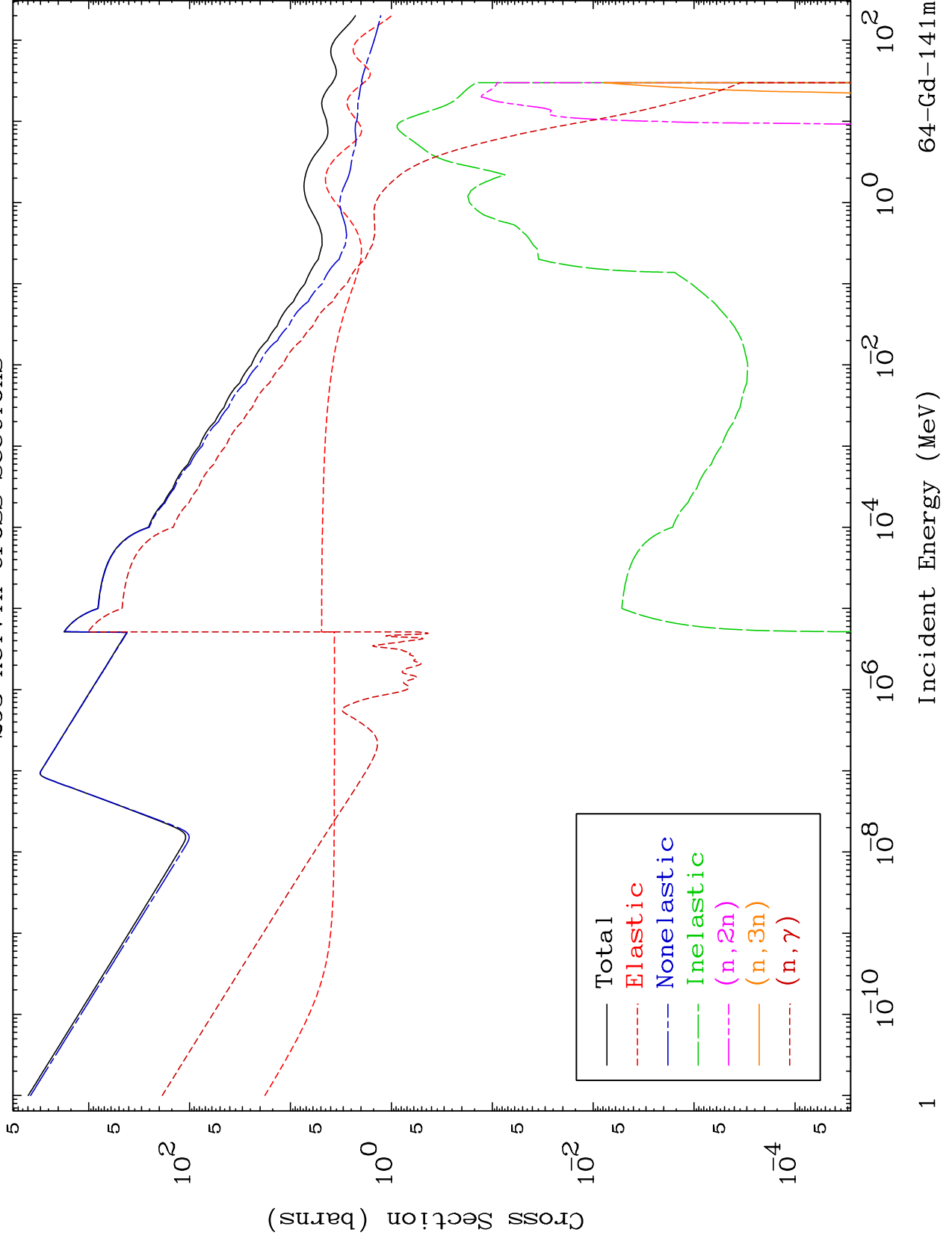
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

Neutron Major  
293 Kelvin Cross Sections

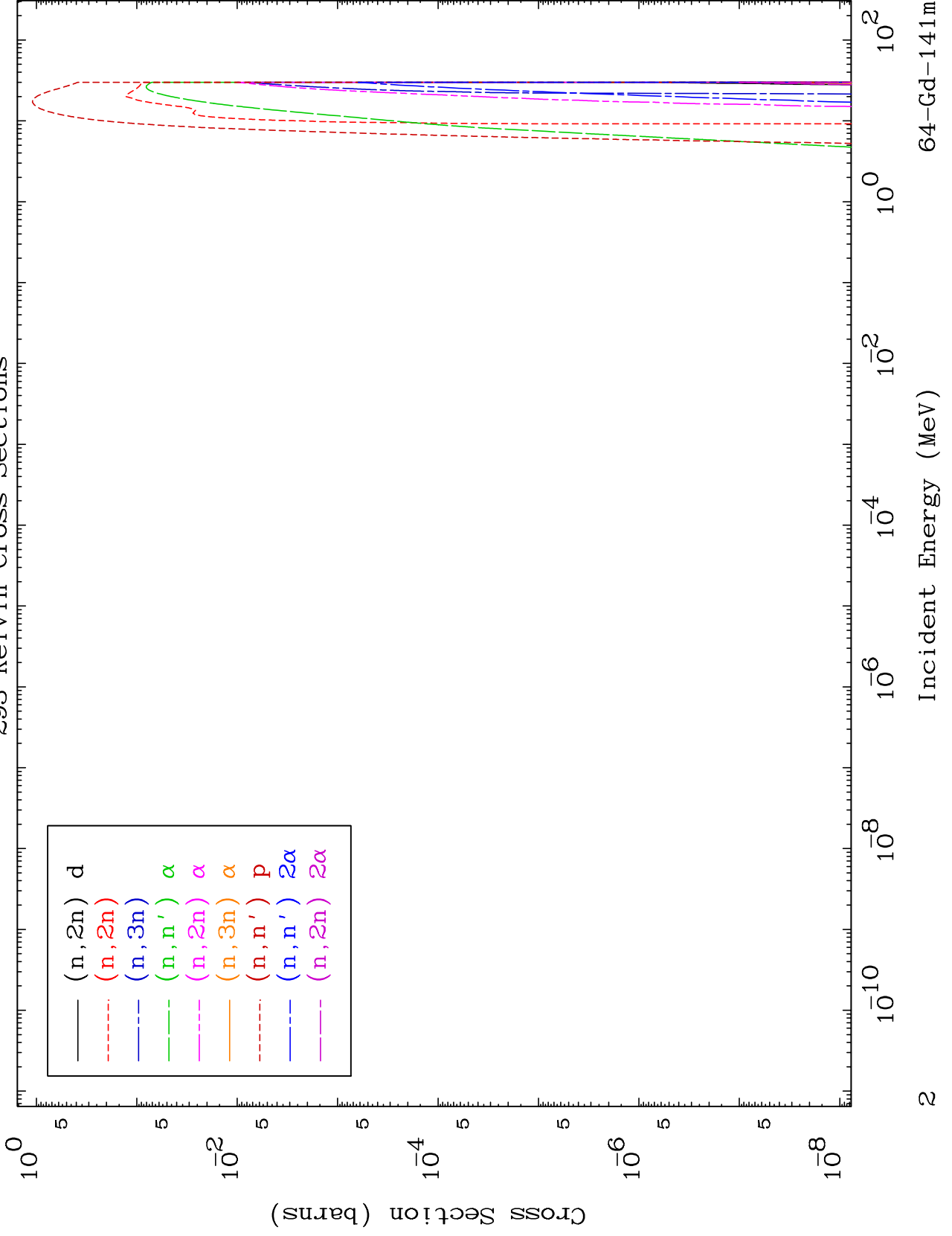
64-Gd-141m



MAT 6393

Neutron Absorption  
293 Kelvin Cross Sections

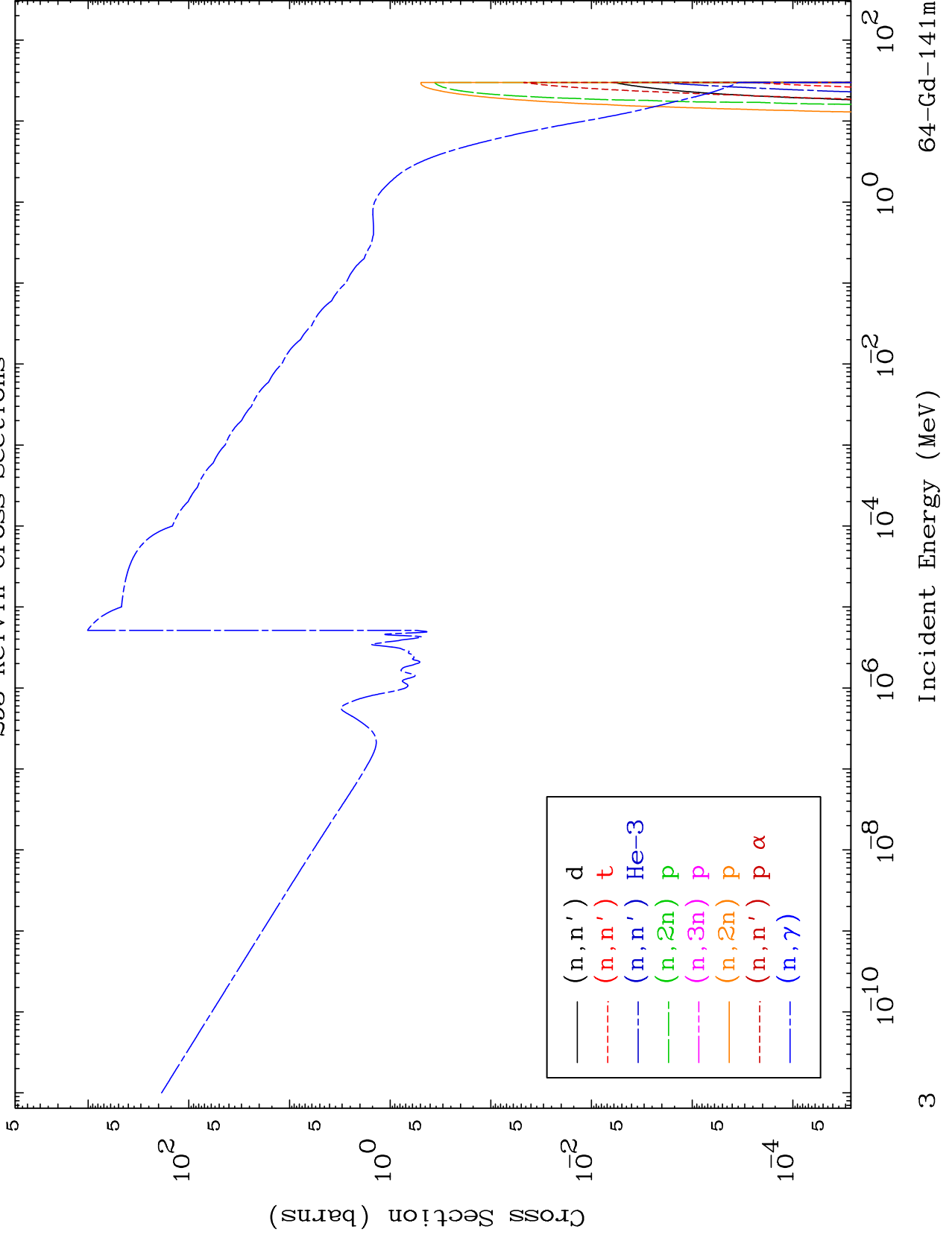
64-Gd-141m



MAT 6393

Neutron Absorption  
293 Kelvin Cross Sections

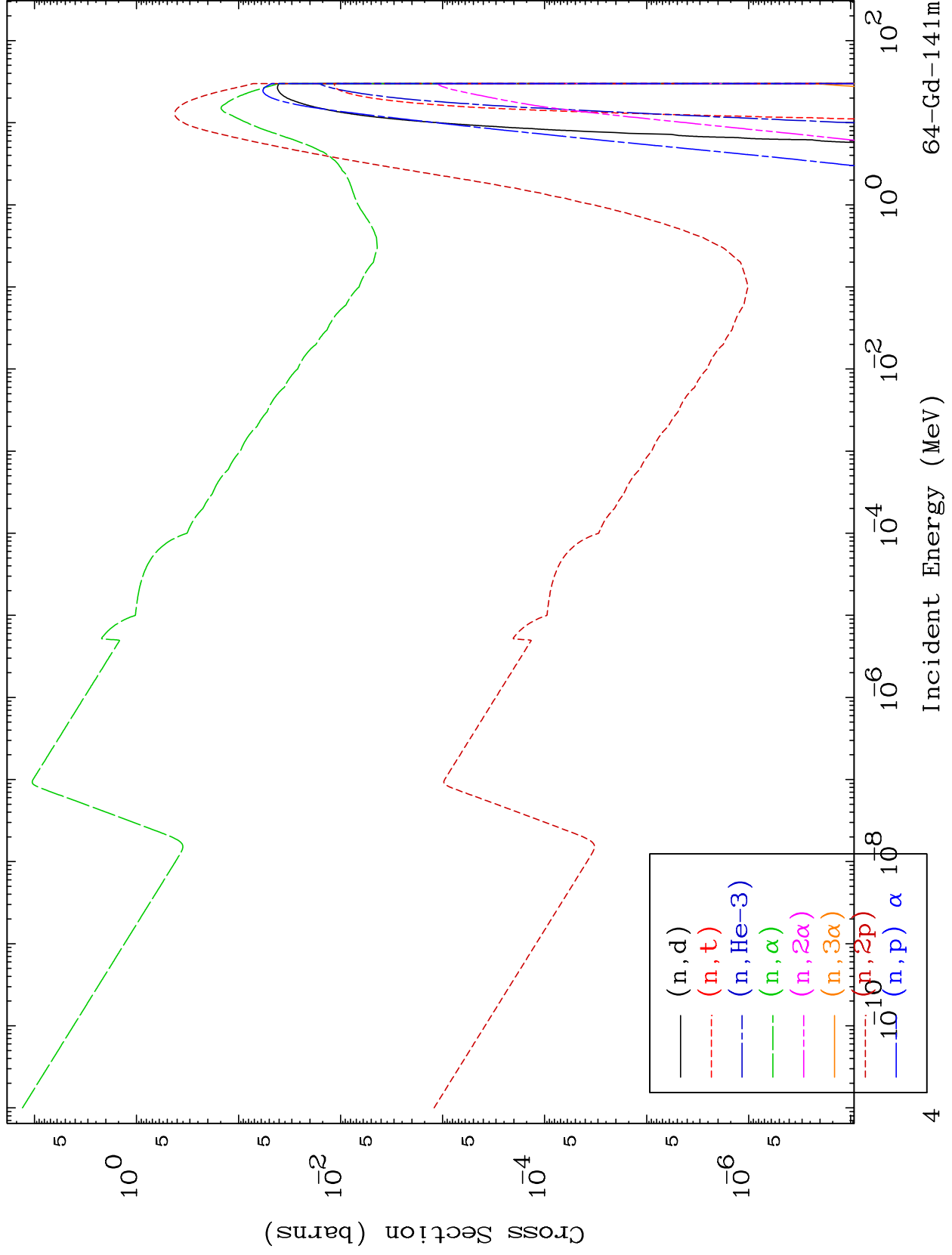
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MAT 6393

Neutron Absorption  
293 Kelvin Cross Sections

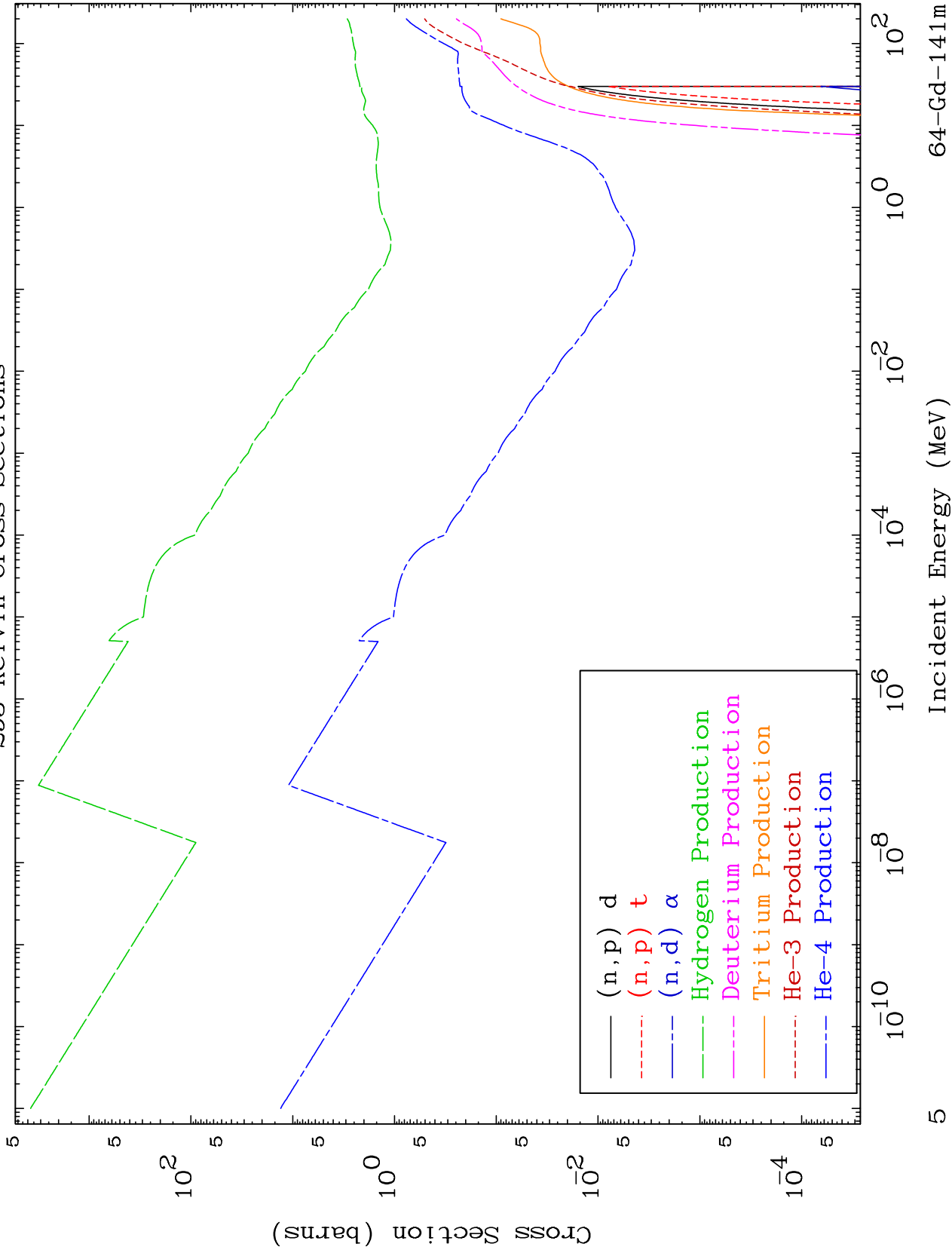
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Neutron Absorption  
293 Kelvin Cross Sections

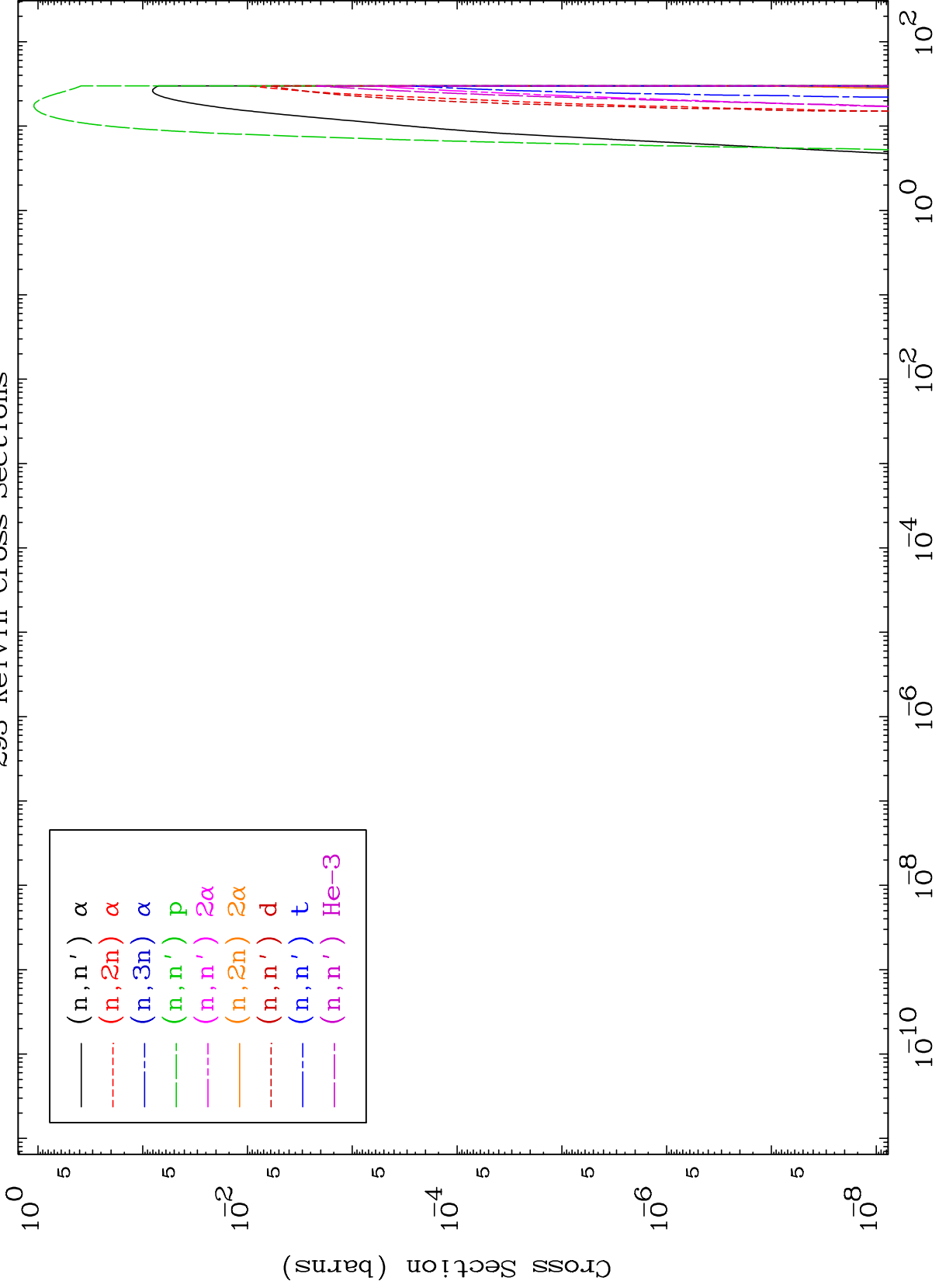
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MAT 6393

Charged Particle  
293 Kelvin Cross Sections

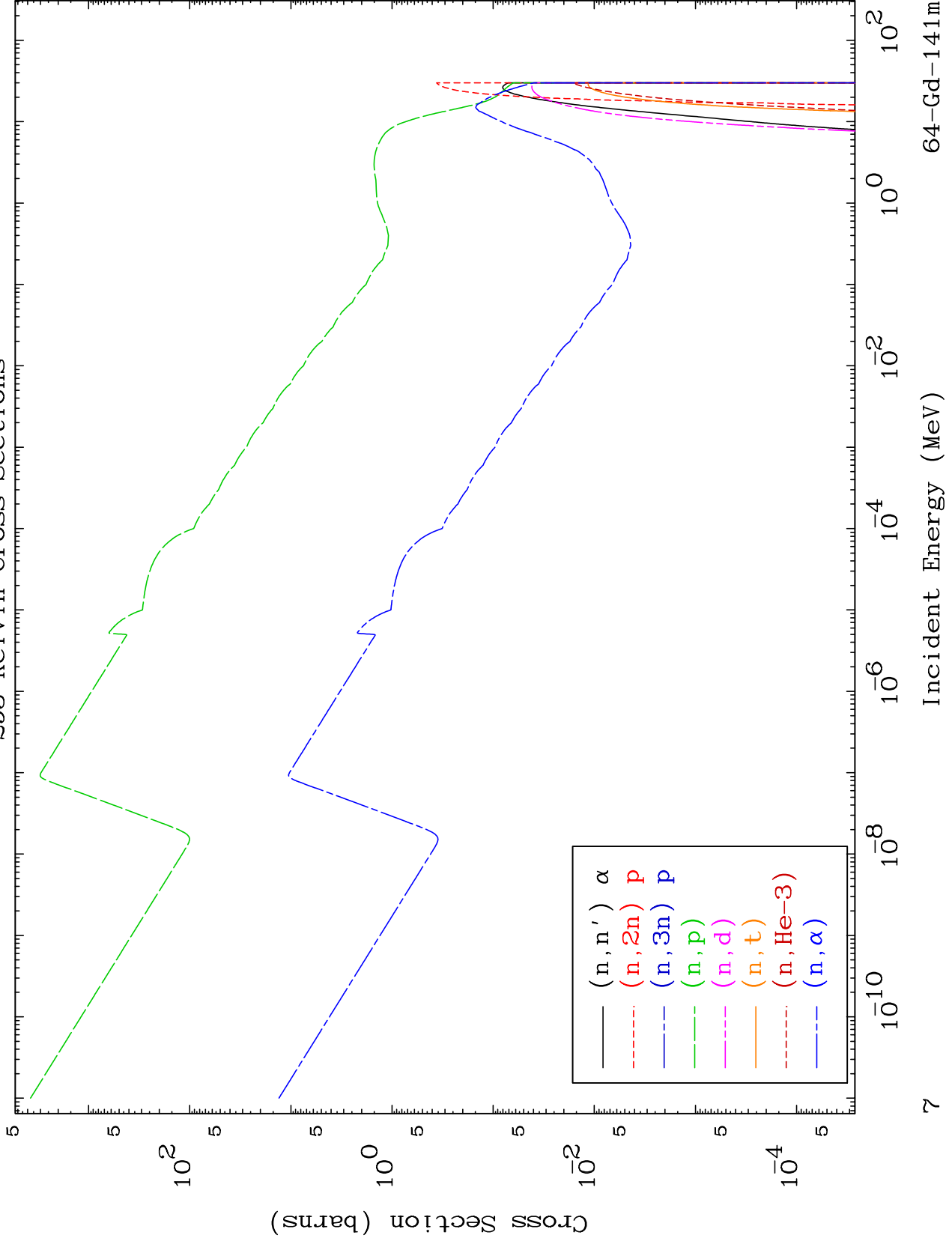
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Charged Particle  
293 Kelvin Cross Sections

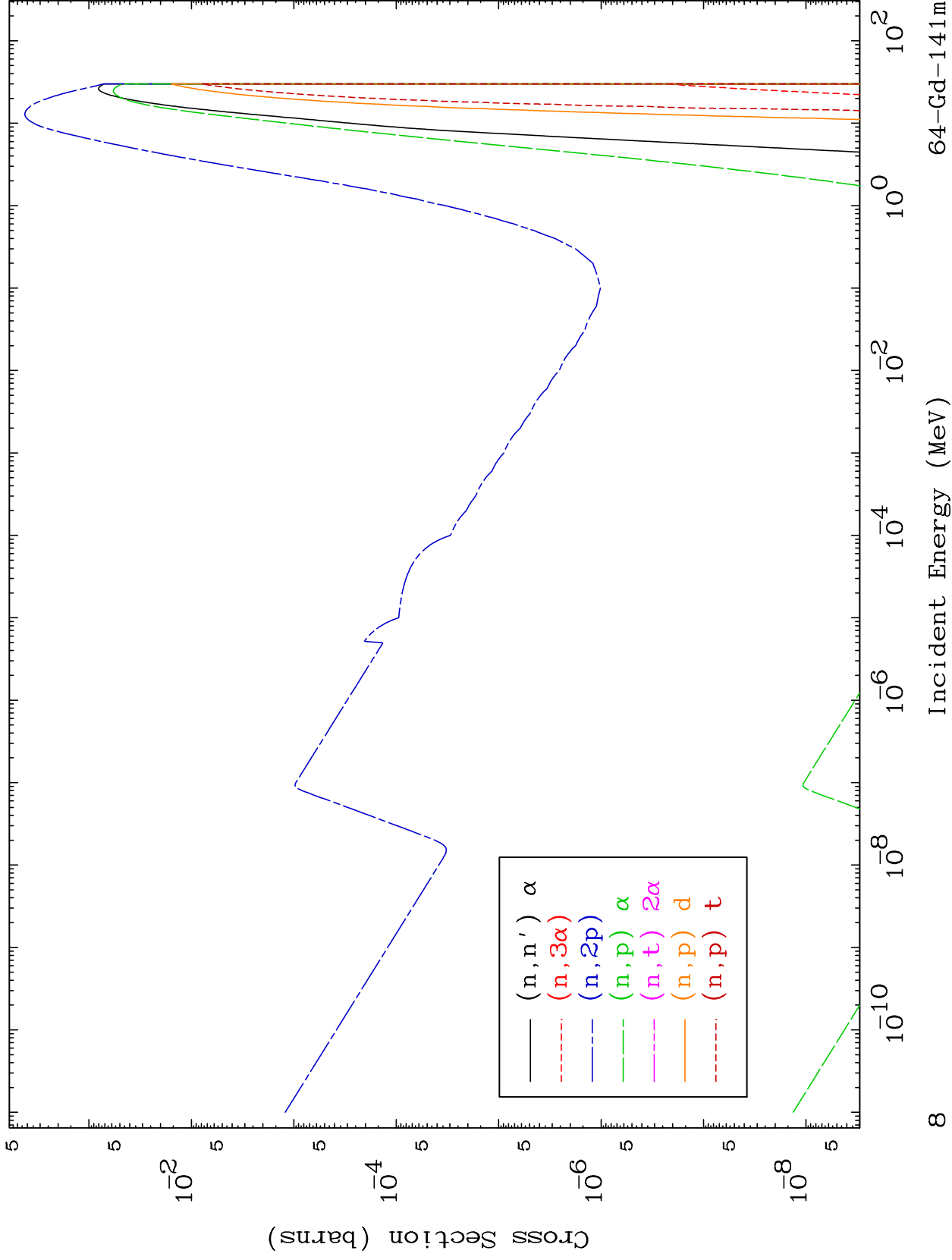
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Charged Particle  
293 Kelvin Cross Sections

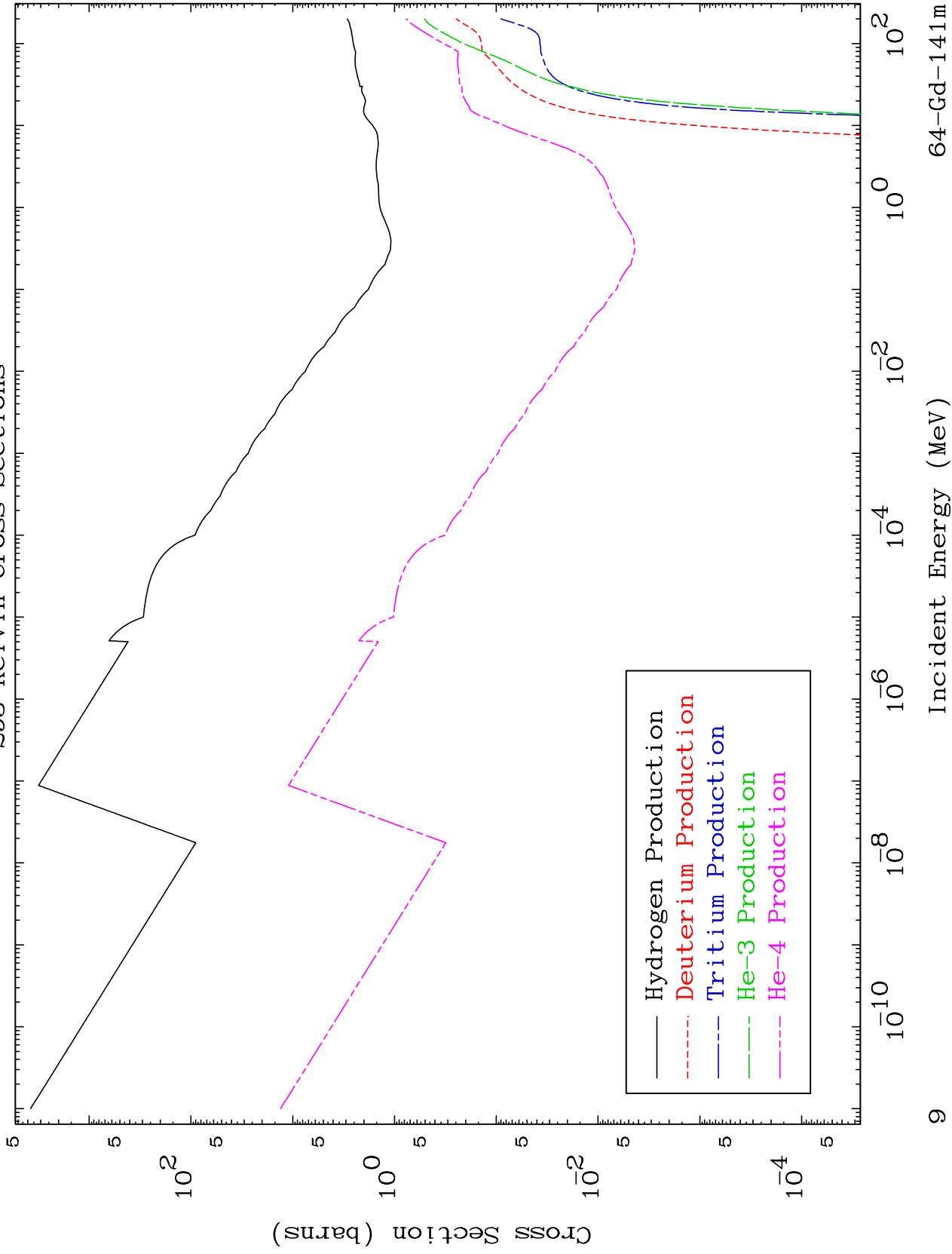
64-Gd-141m



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Particle Production  
293 Kelvin Cross Sections

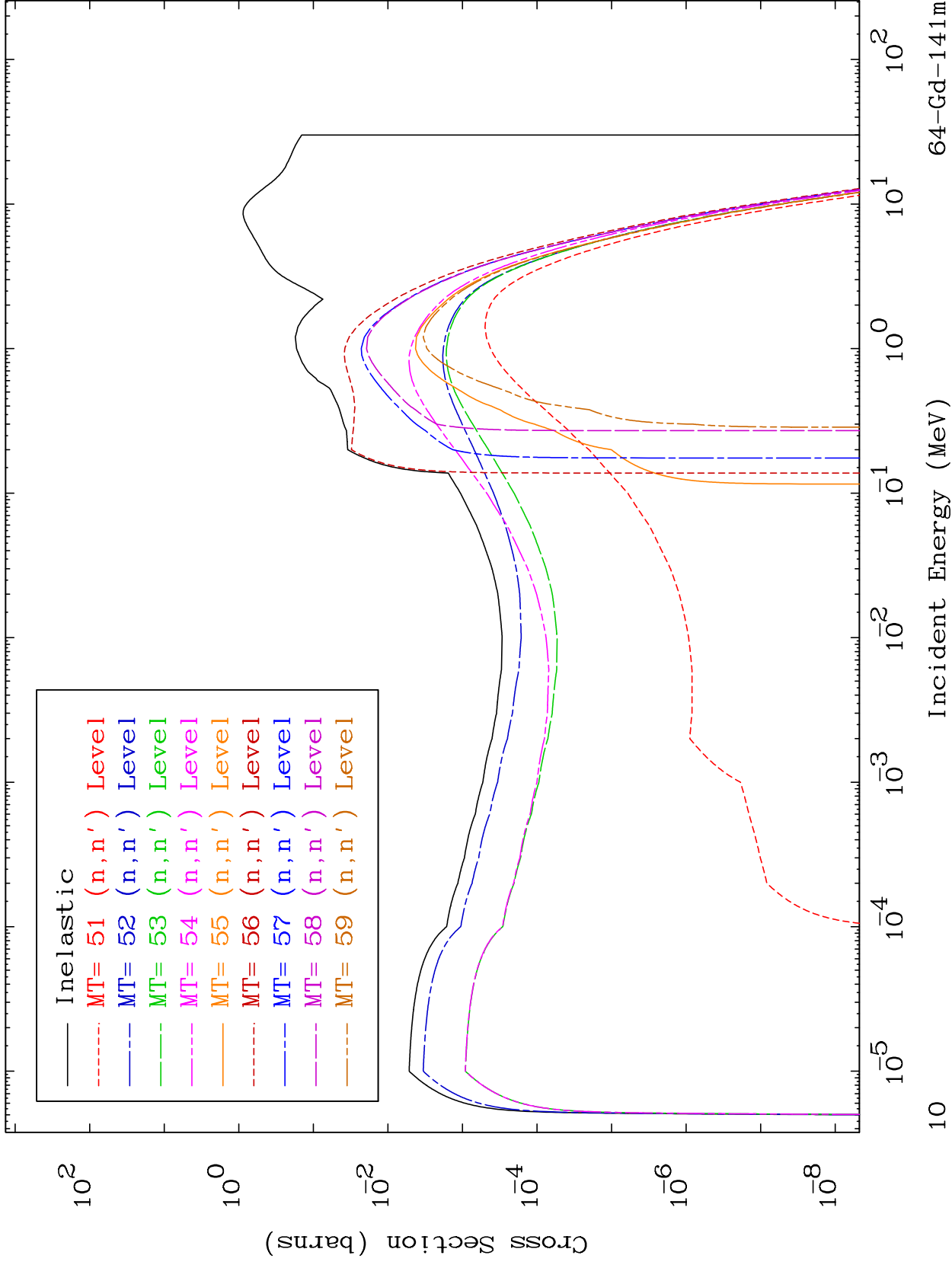
64-Gd-141m



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(n,n') Levels  
293 Kelvin Cross Sections

64-Gd-141m



64-Gd-141m

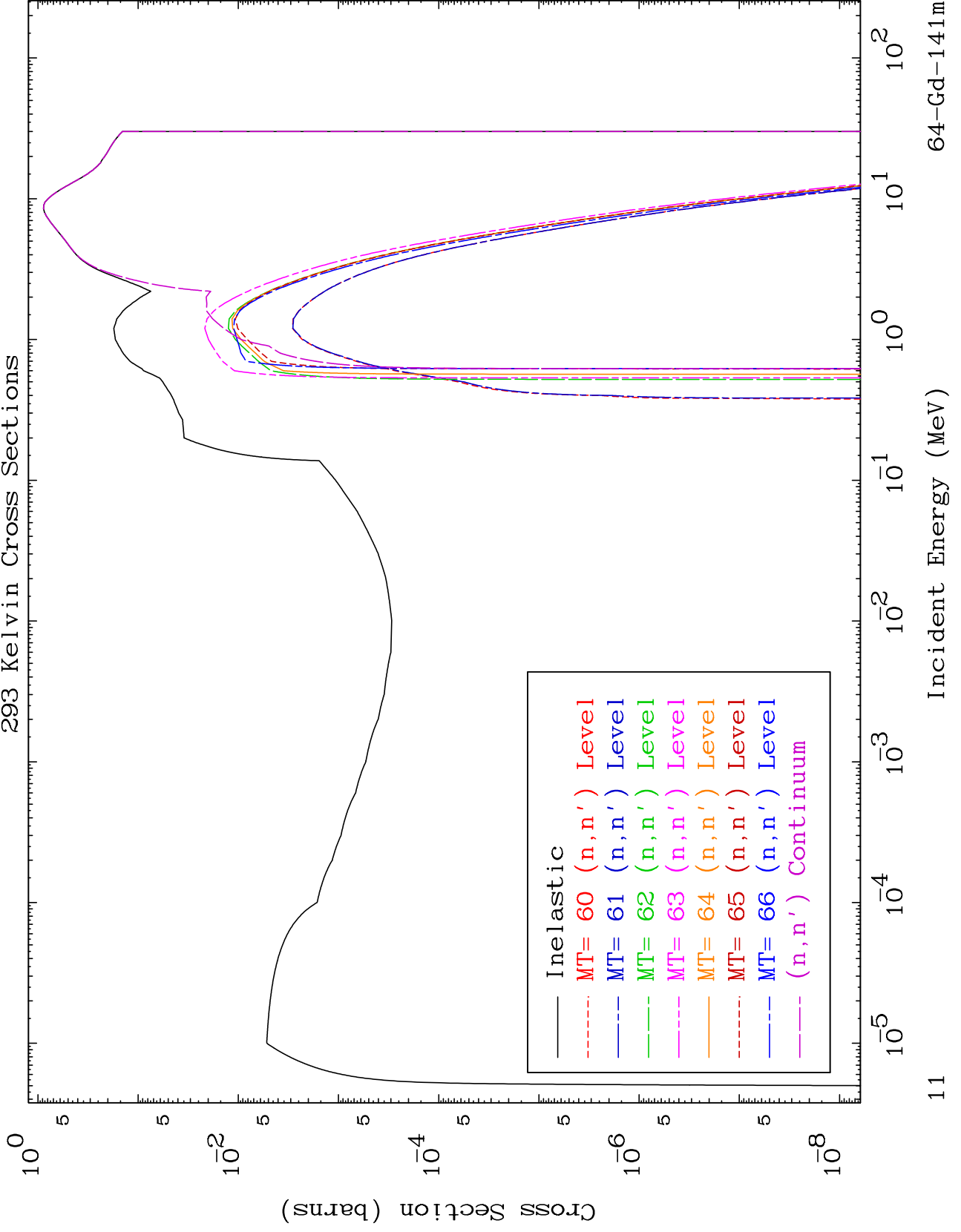
Incident Energy (MeV)

10

MAT 6393

(n,n') Levels  
293 Kelvin Cross Sections

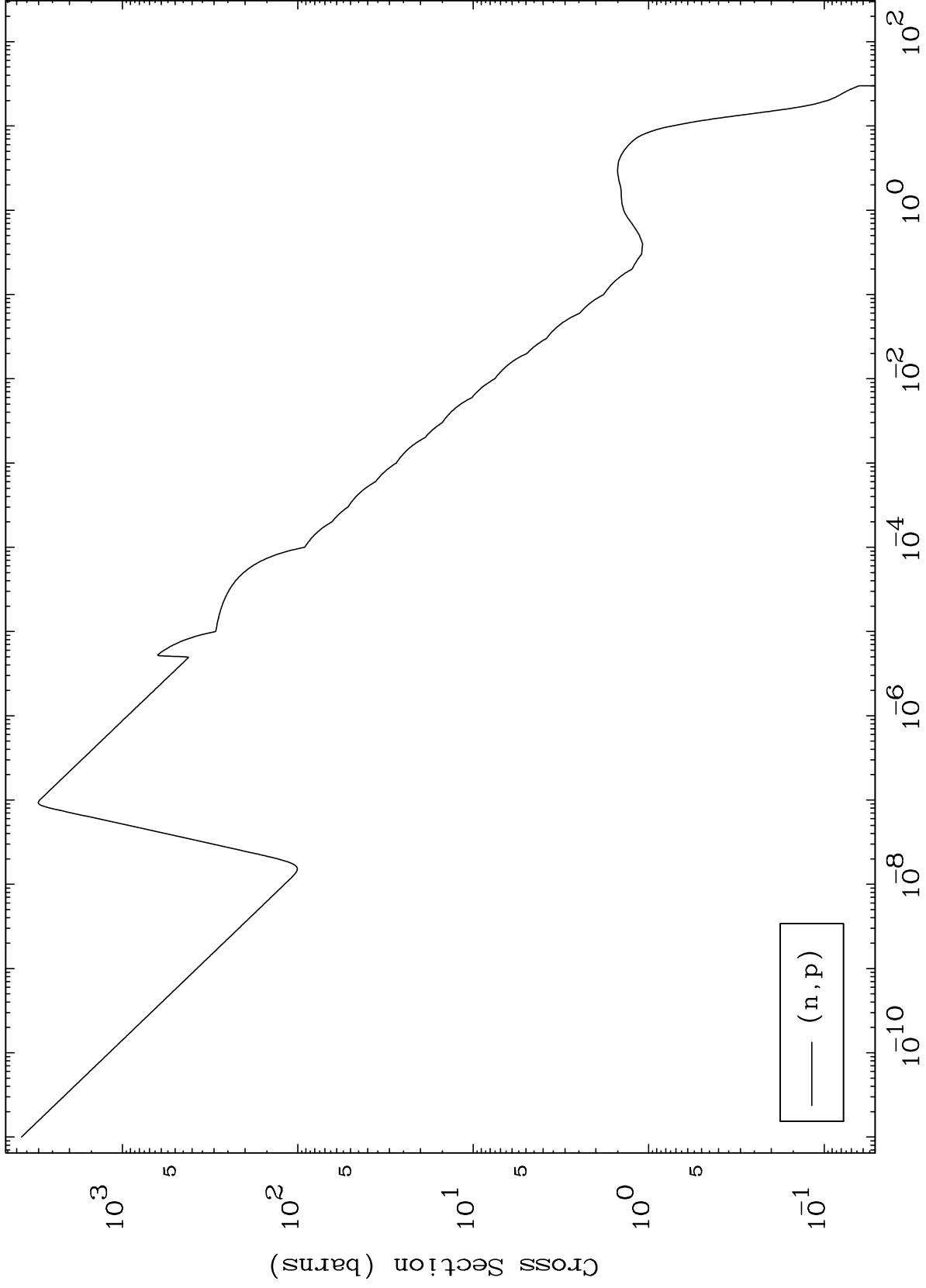
64-Gd-141m



MAT 6393

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-141m

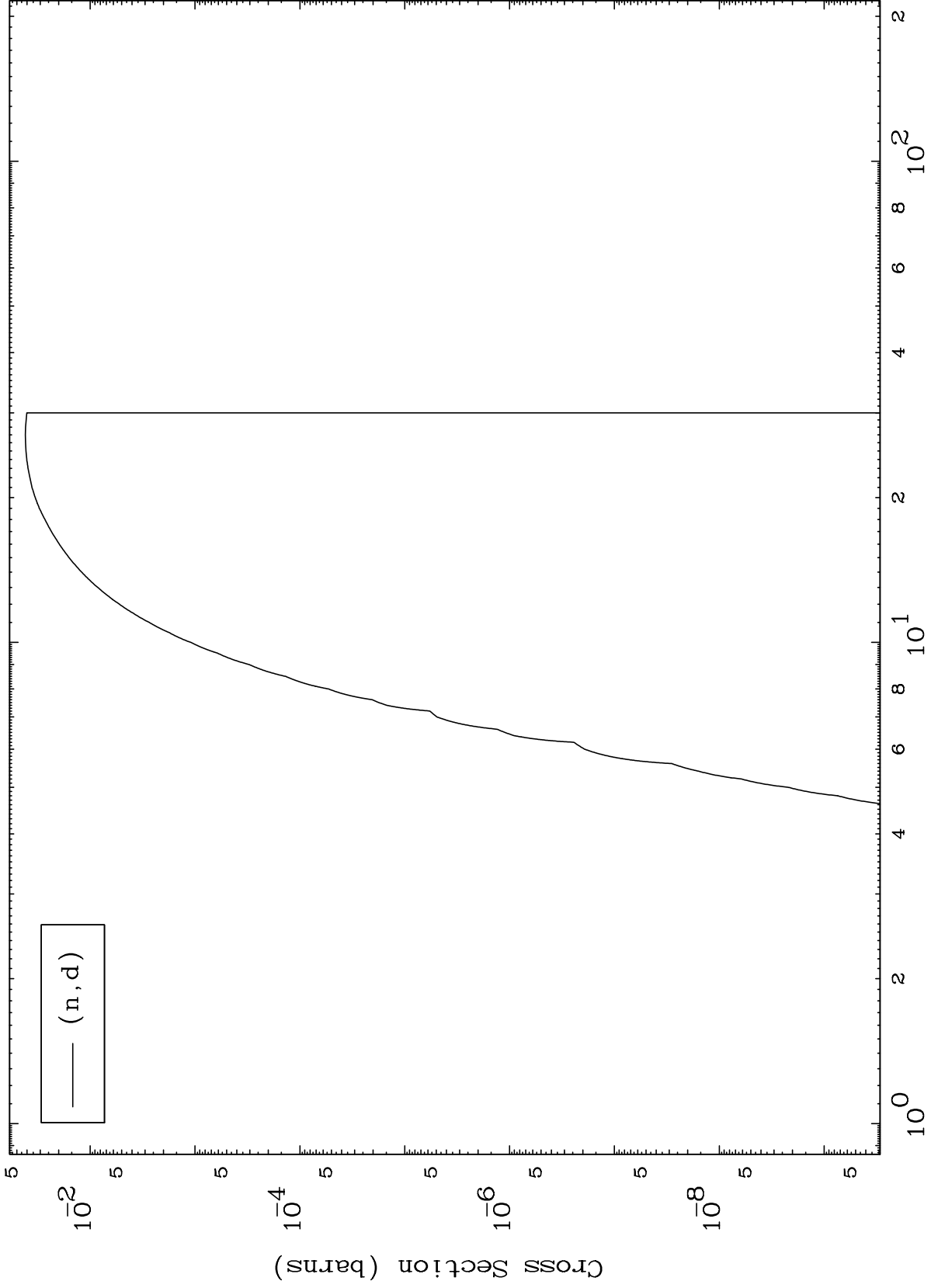


(n,p)

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(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-141m



13

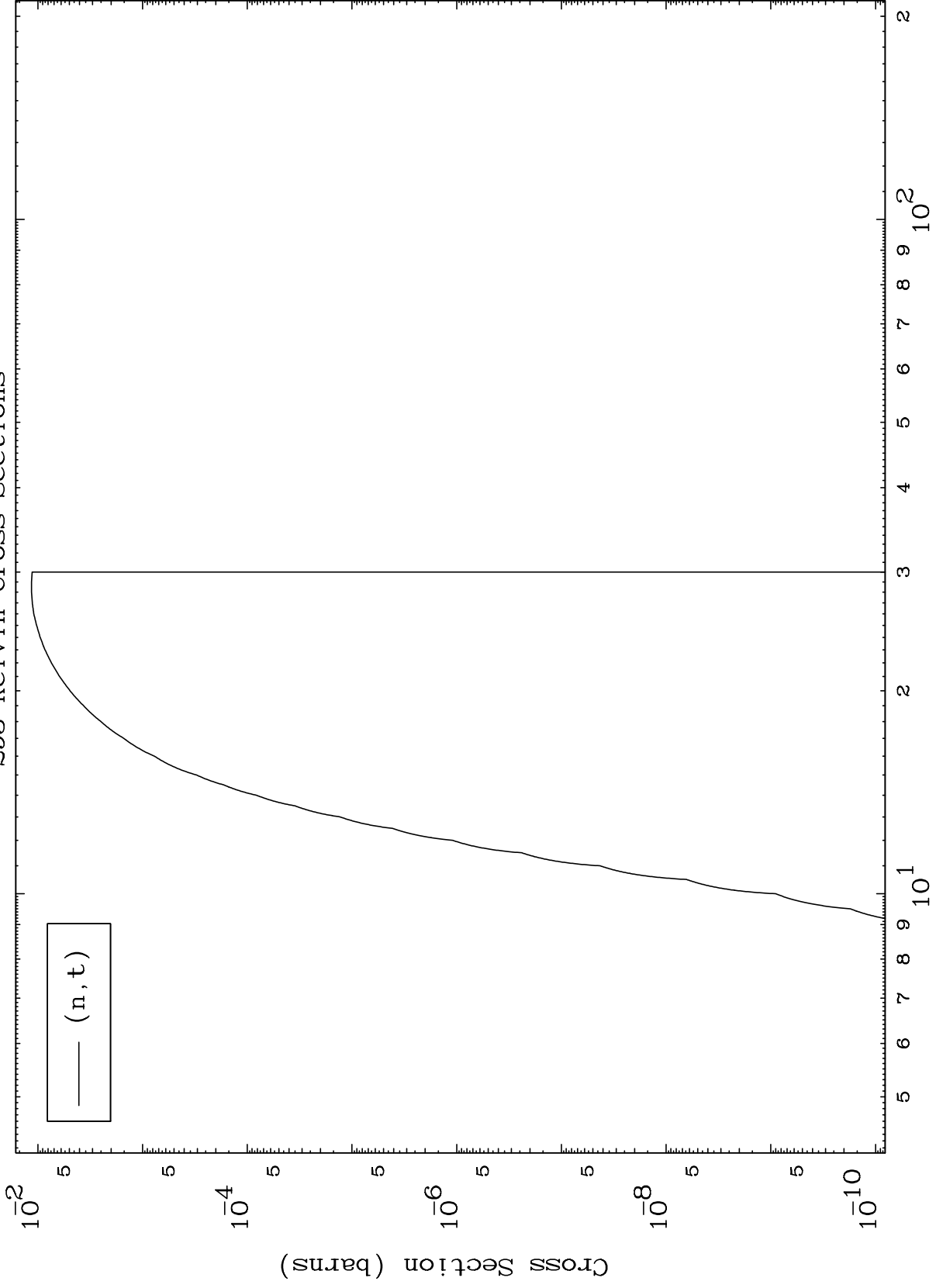
Incident Energy (MeV)

64-Gd-141m

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(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-141m



14

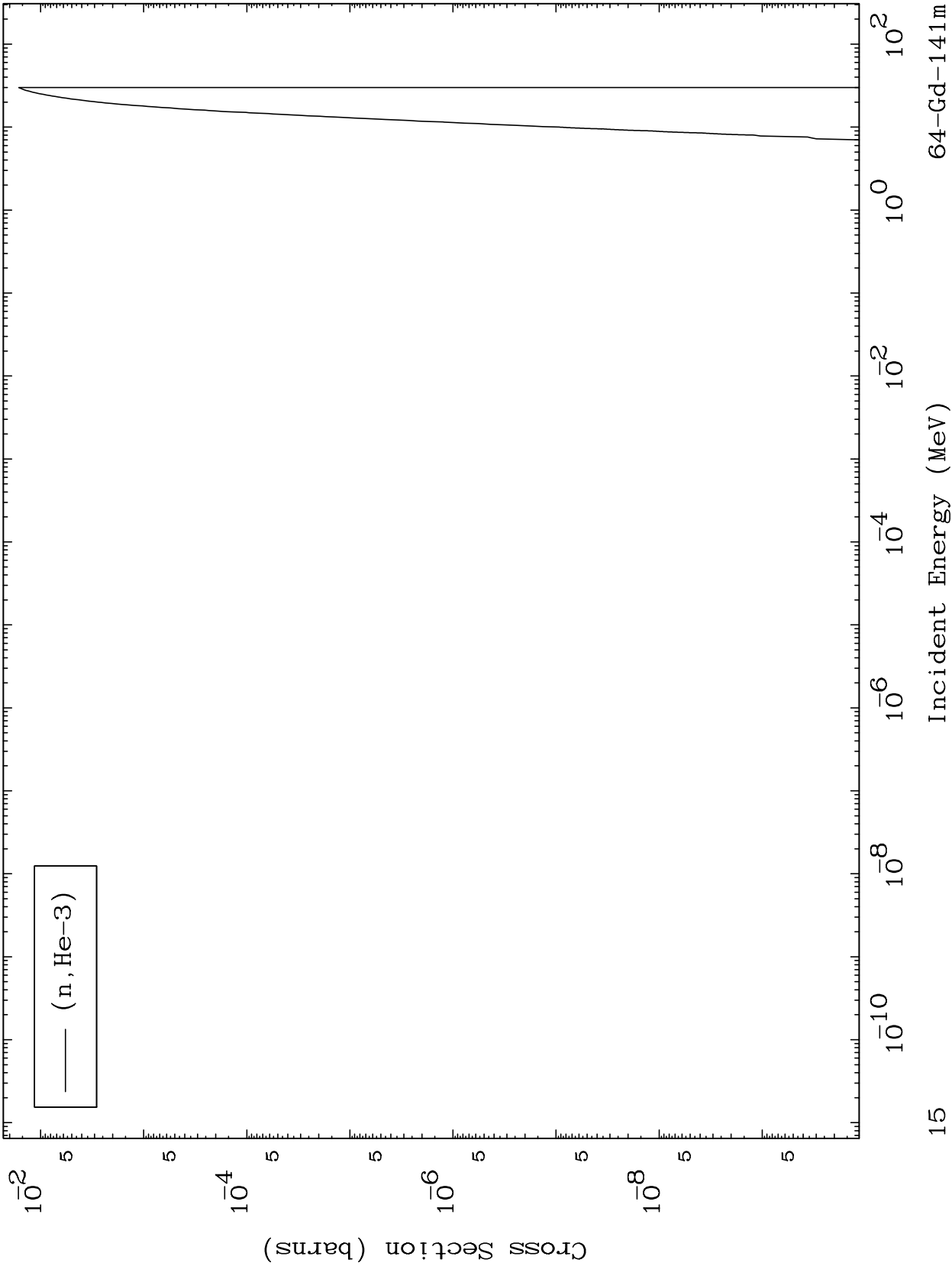
Incident Energy (MeV)

64-Gd-141m

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(n,He3) Levels  
293 Kelvin Cross Sections

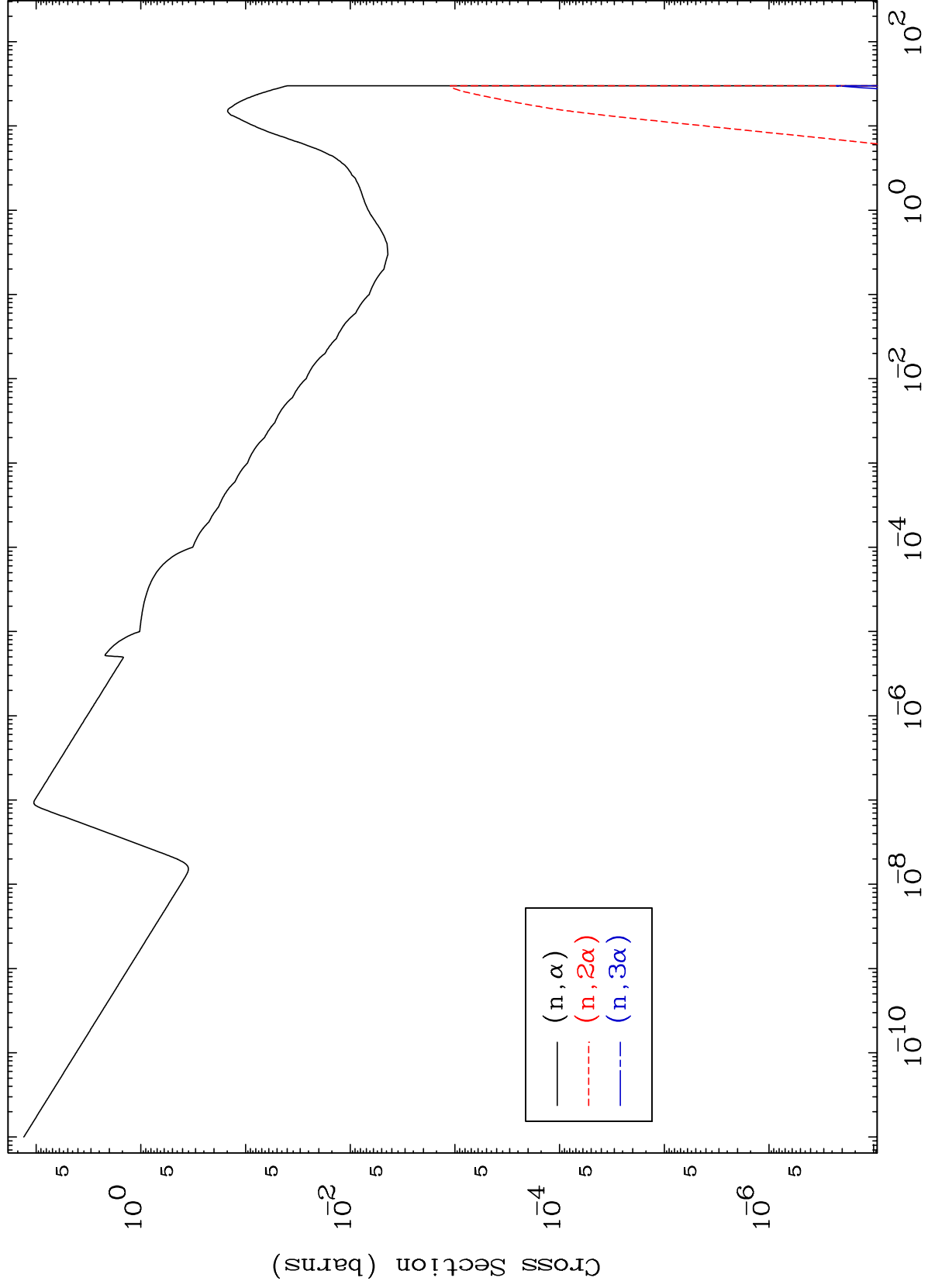
64-Gd-141m



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$(n, \alpha)$  Levels  
293 Kelvin Cross Sections

64-Gd-141m

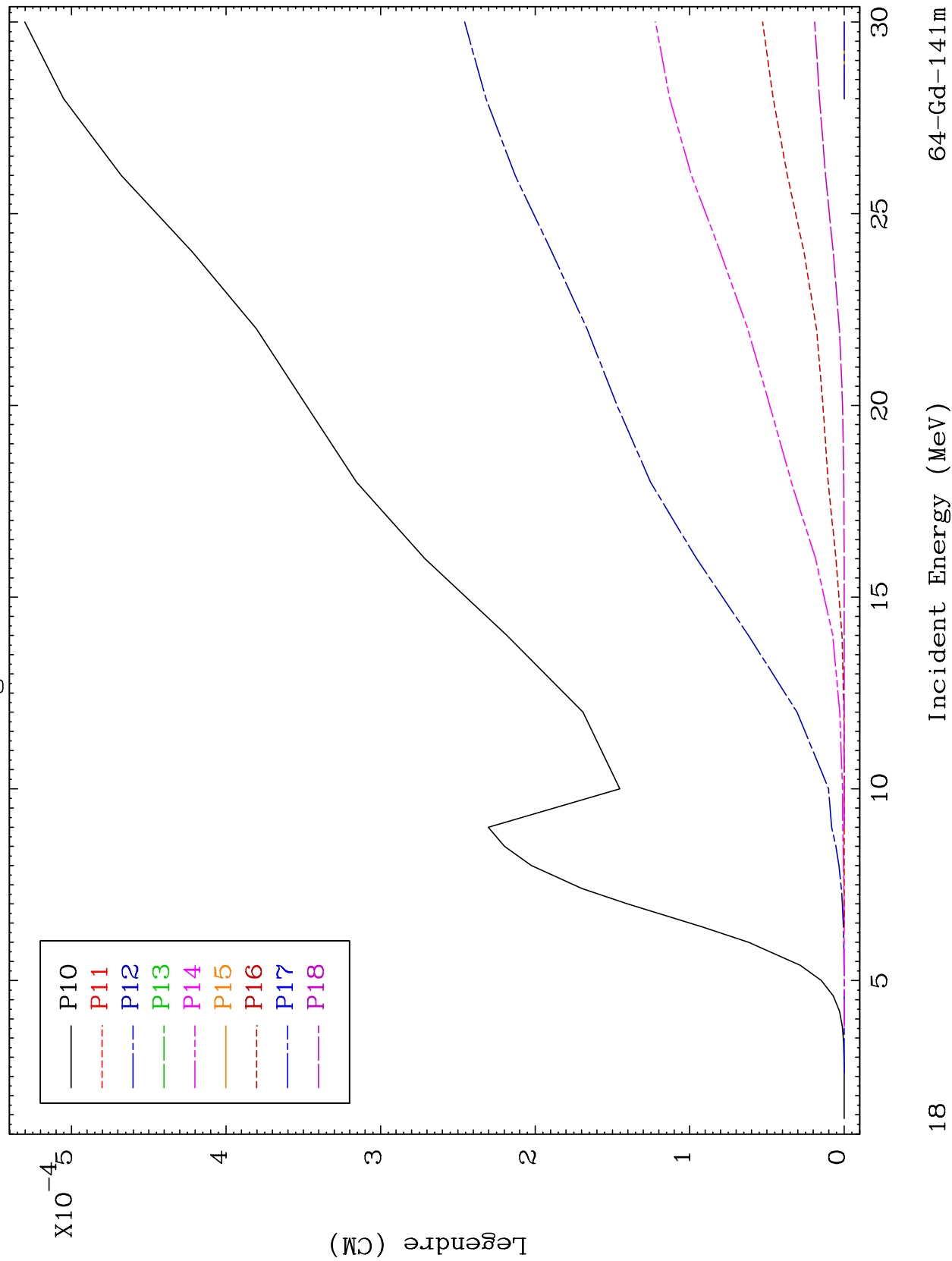




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Elastic Legendre Coefficients

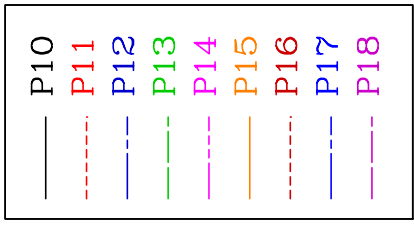
64-Gd-141m



18

64-Gd-141m

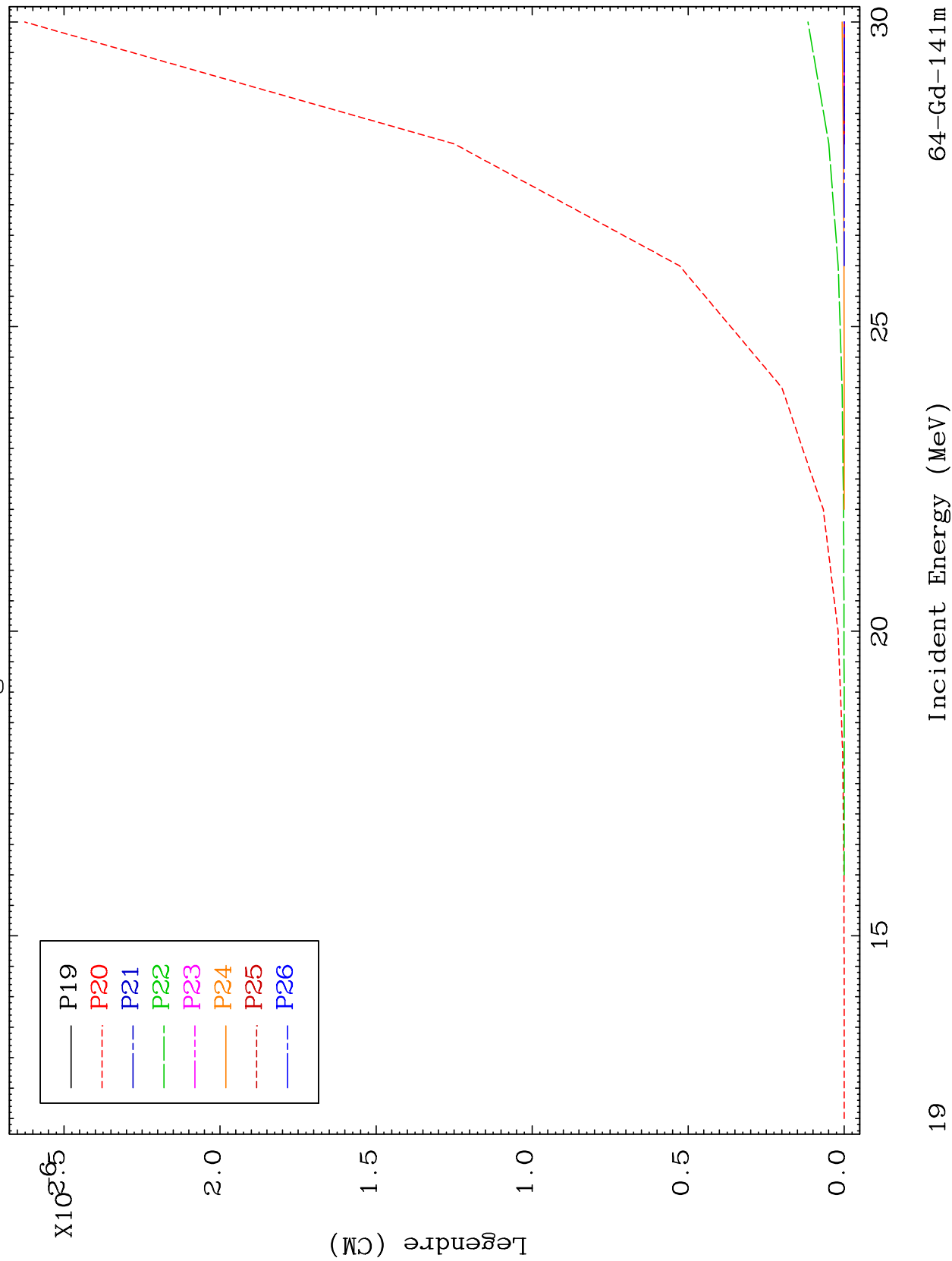
Incident Energy (MeV)



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Elastic  
Legendre Coefficients

64-Gd-141m



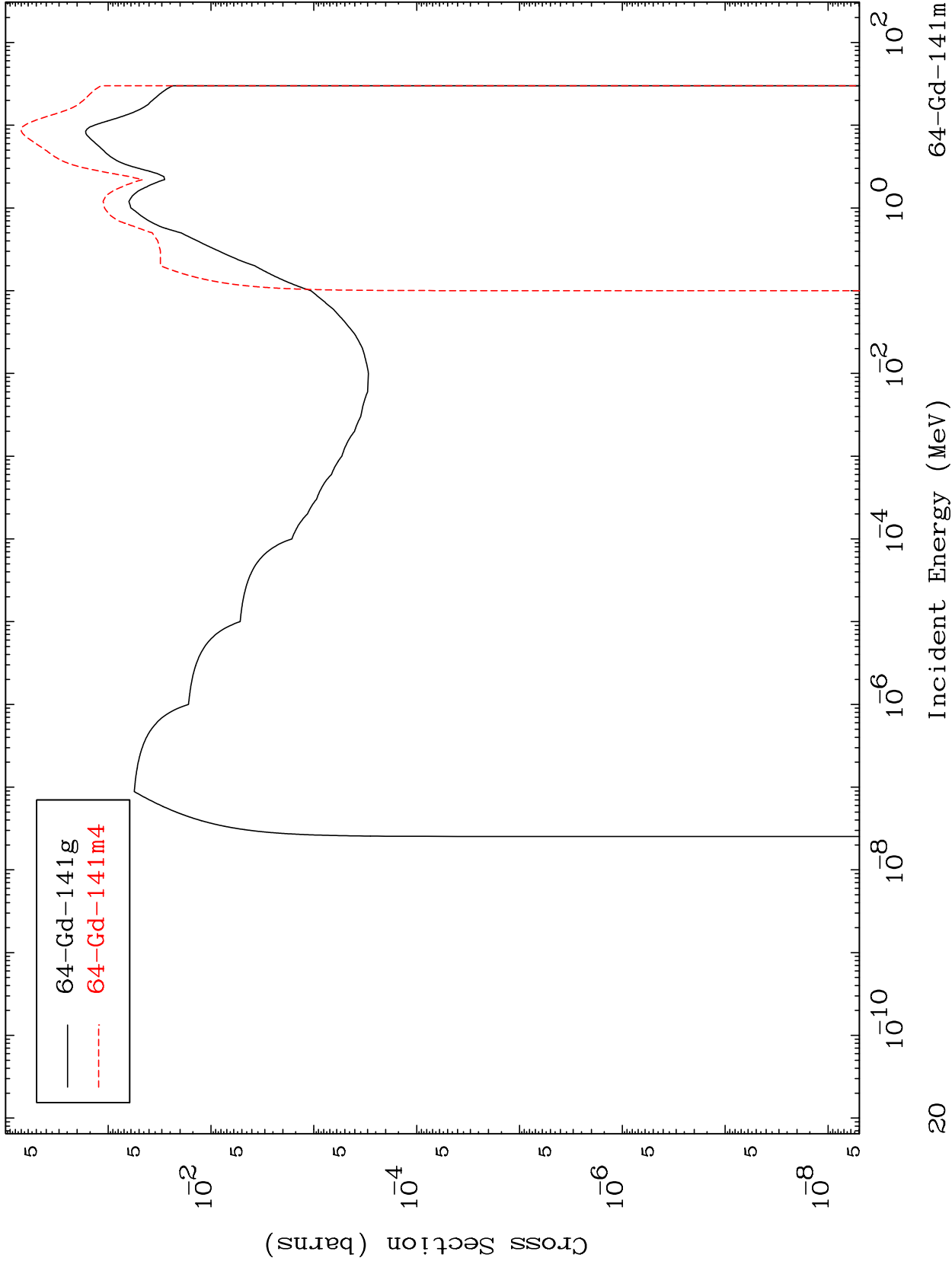
19

64-Gd-141m

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Inelastic  
Radionuclide Production Cross Section

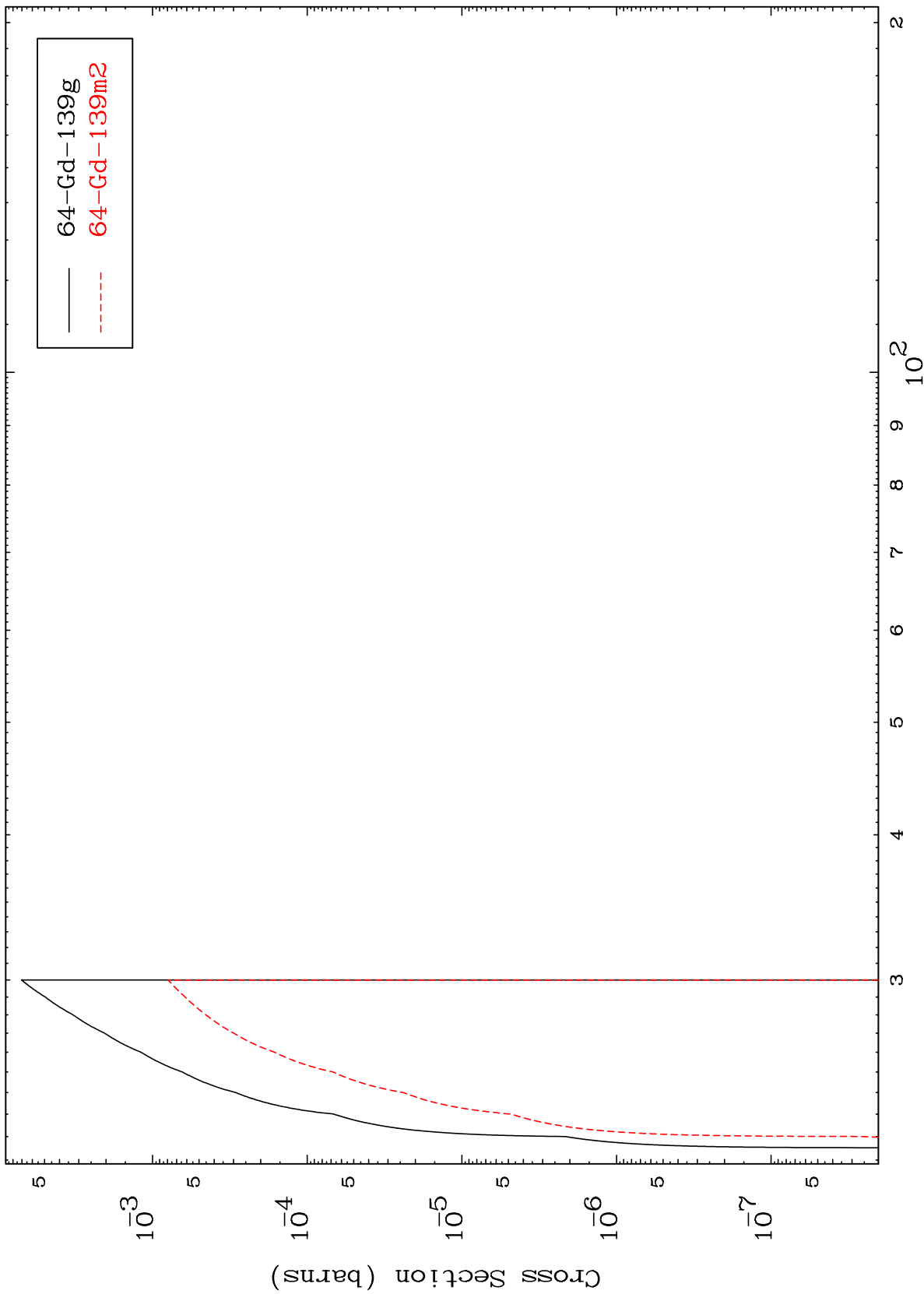
64-Gd-141m



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64-Gd-141m

(n,3n)  
Radionuclide Production Cross Section



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

64-Gd-141m

Incident Energy (MeV)

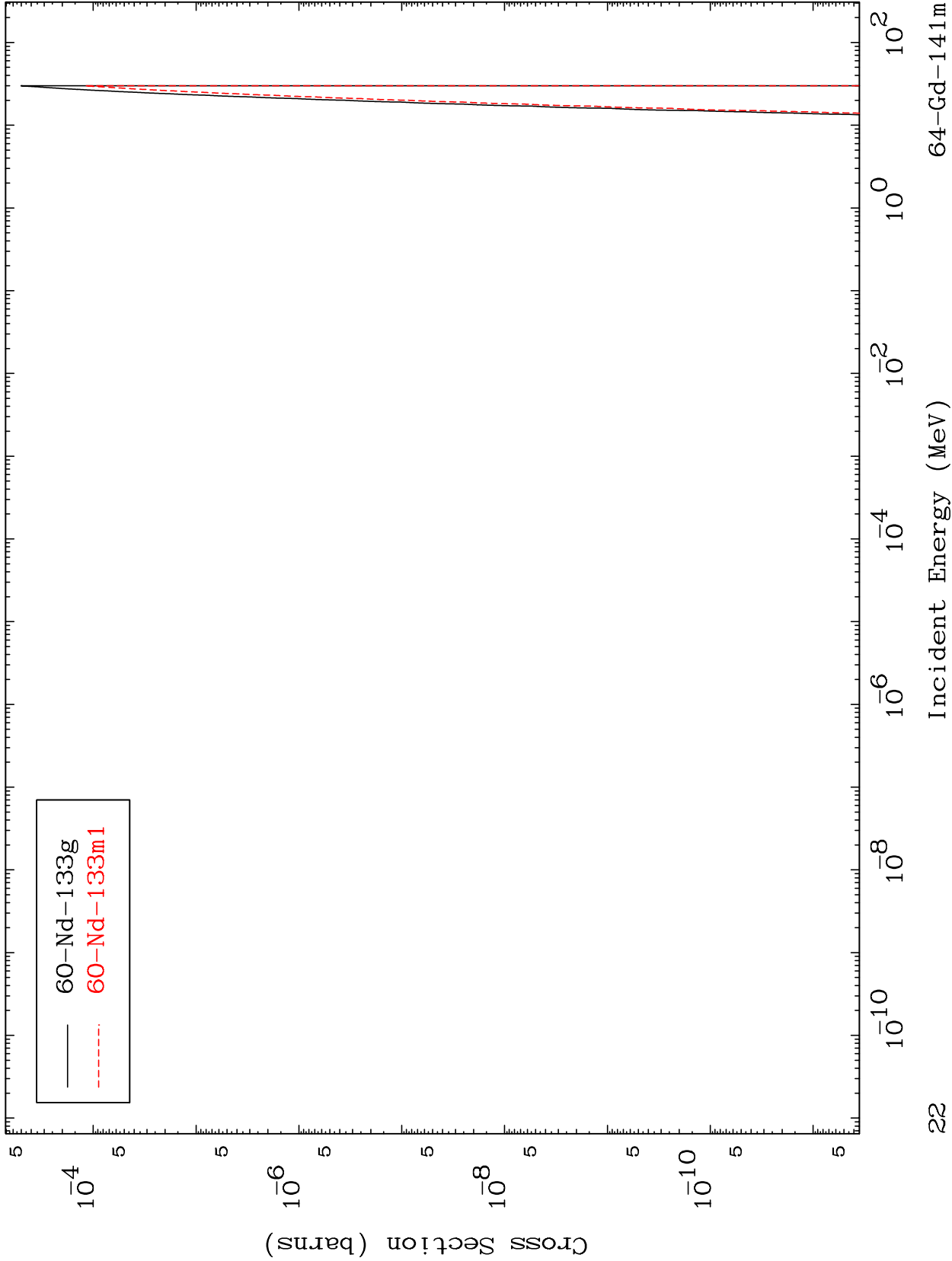
21

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(n,n') 2α

64-Gd-141m

Radionuclide Production Cross Section

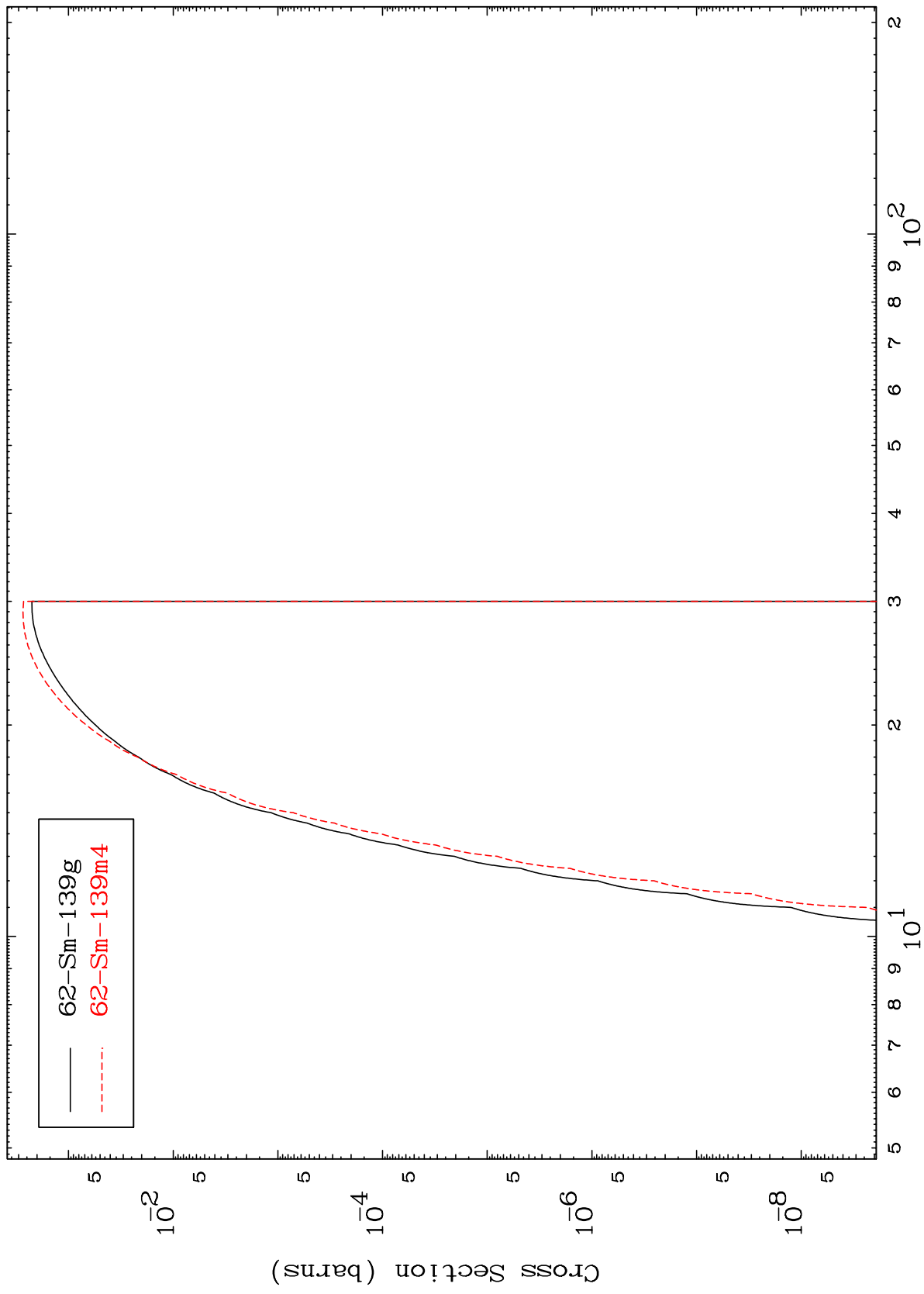


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(n,2n) p

64-Gd-141m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

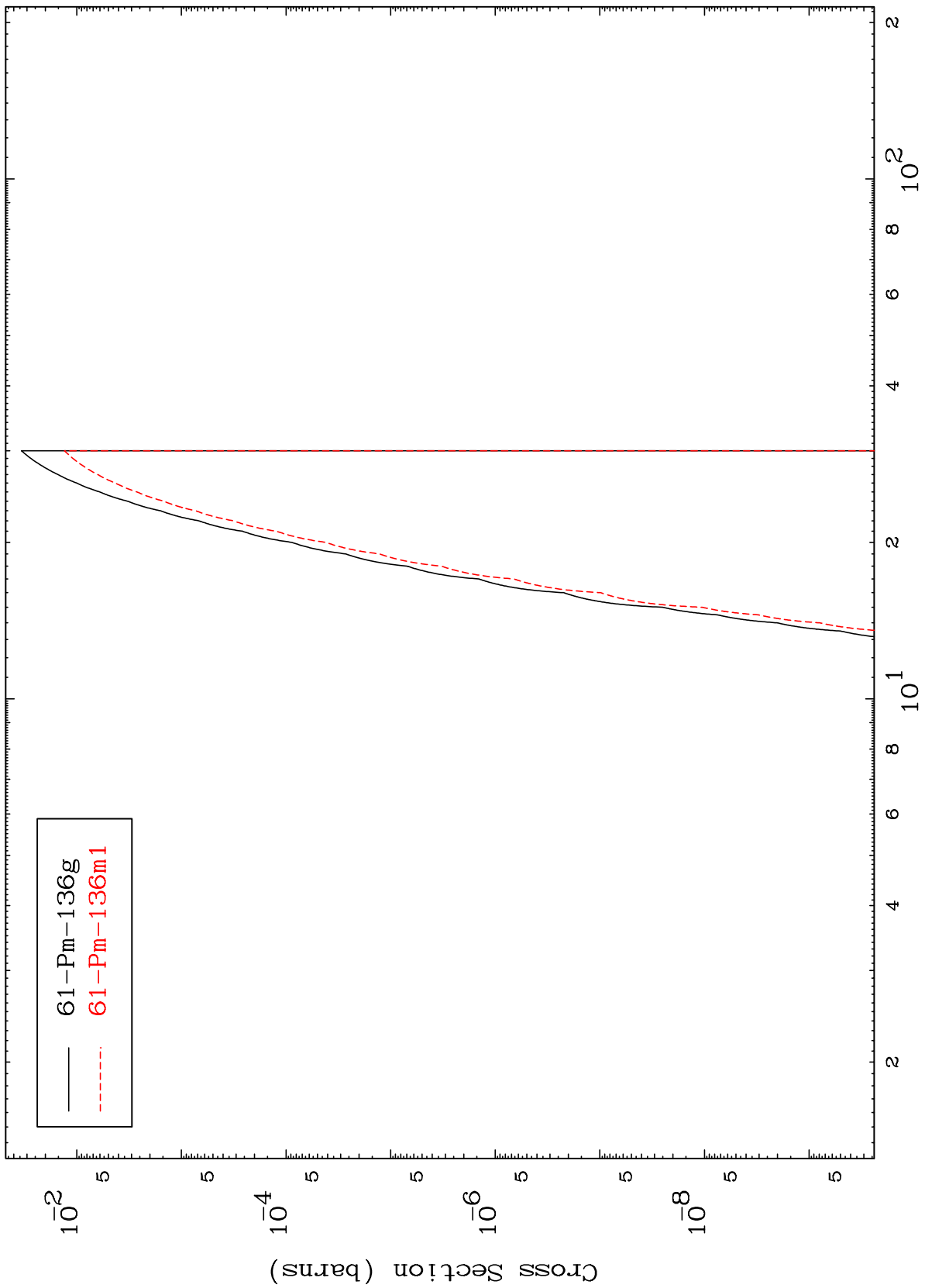
64-Gd-141m

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(n,n') p  $\alpha$

64-Gd-141m

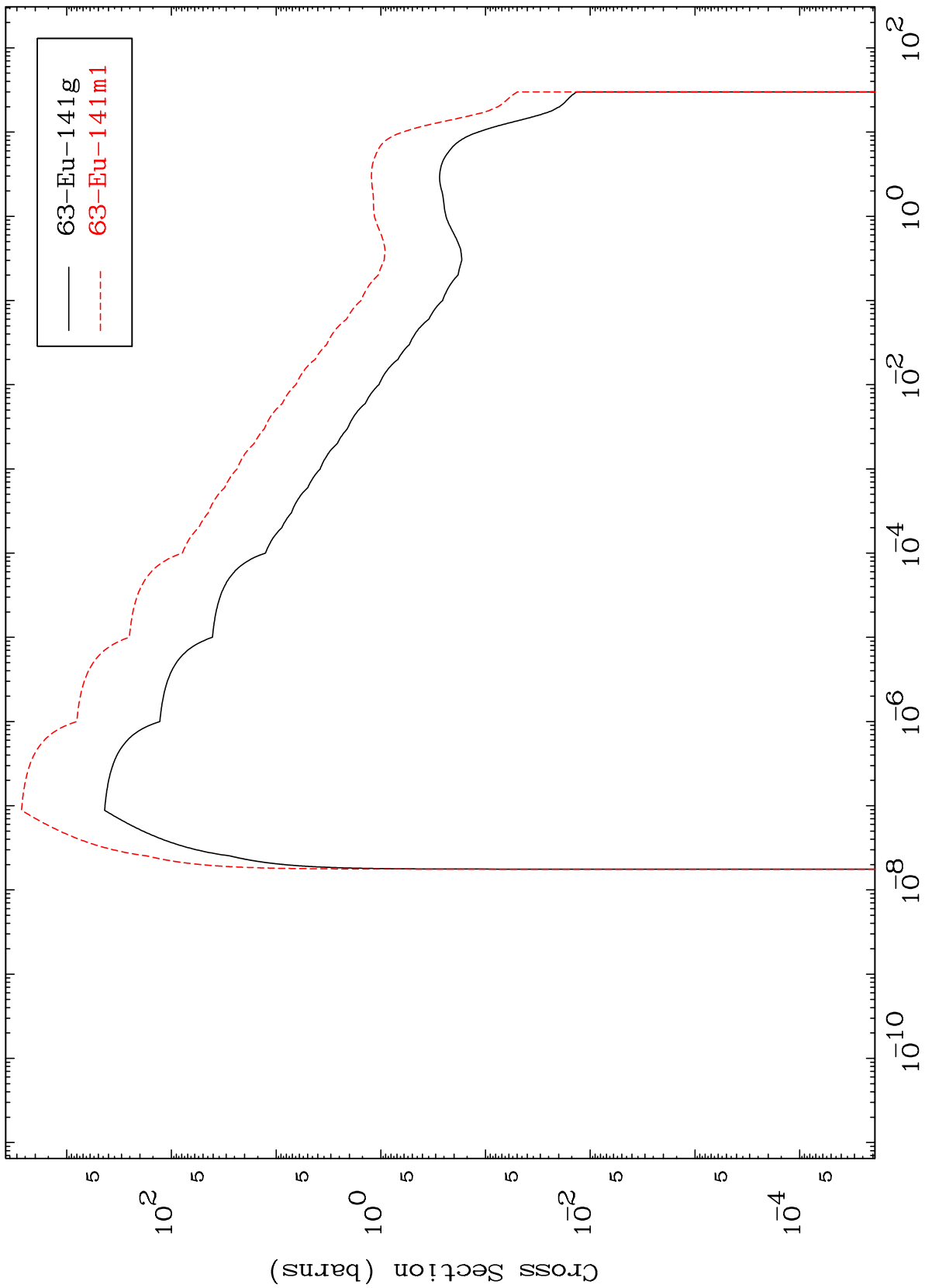
Radionuclide Production Cross Section



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64-Gd-141m

(n,p)  
Radionuclide Production Cross Section



25

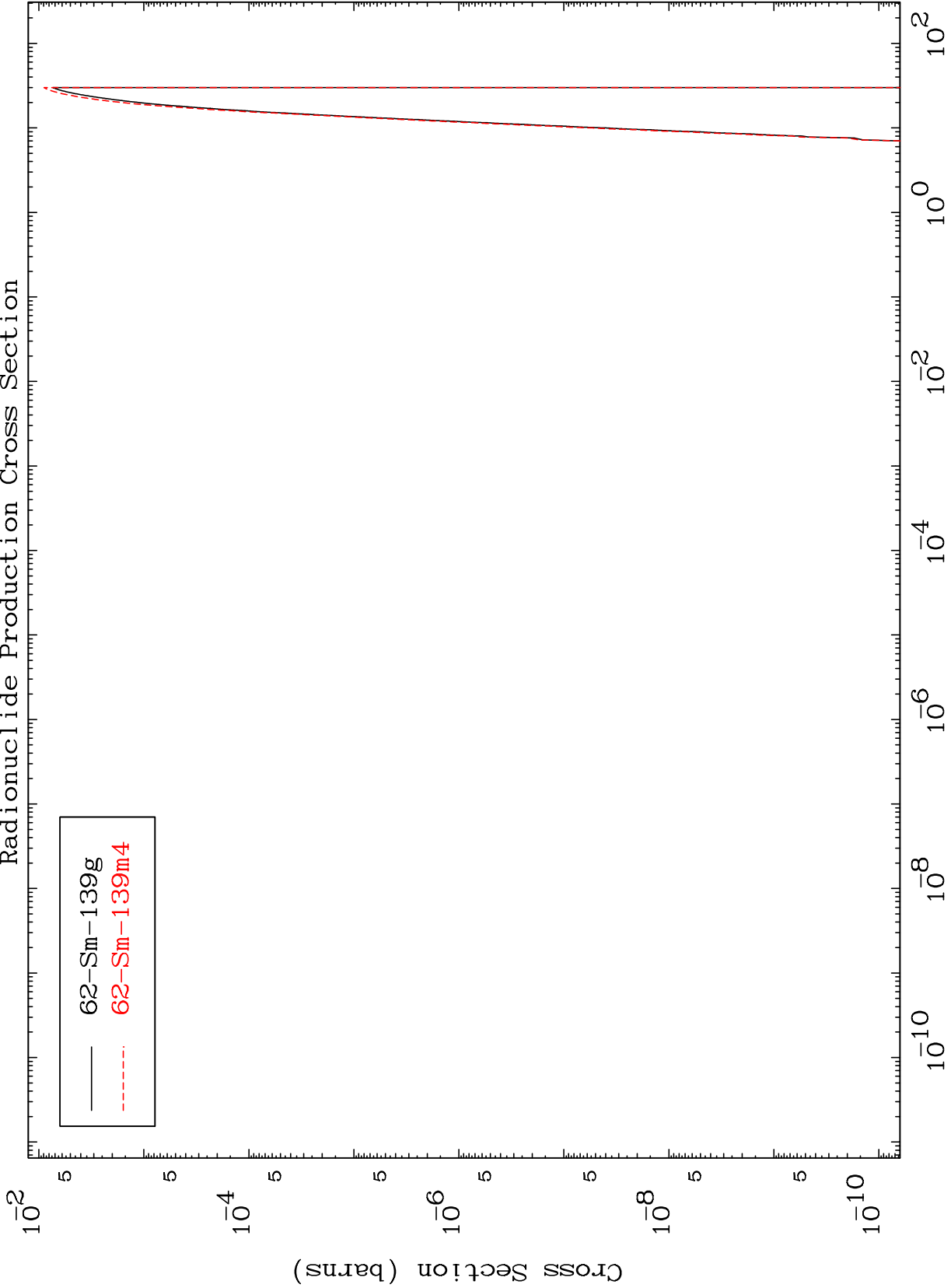
64-Gd-141m

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(n,He-3)

64-Gd-141m

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

Incident Energy (MeV)

64-Gd-141m

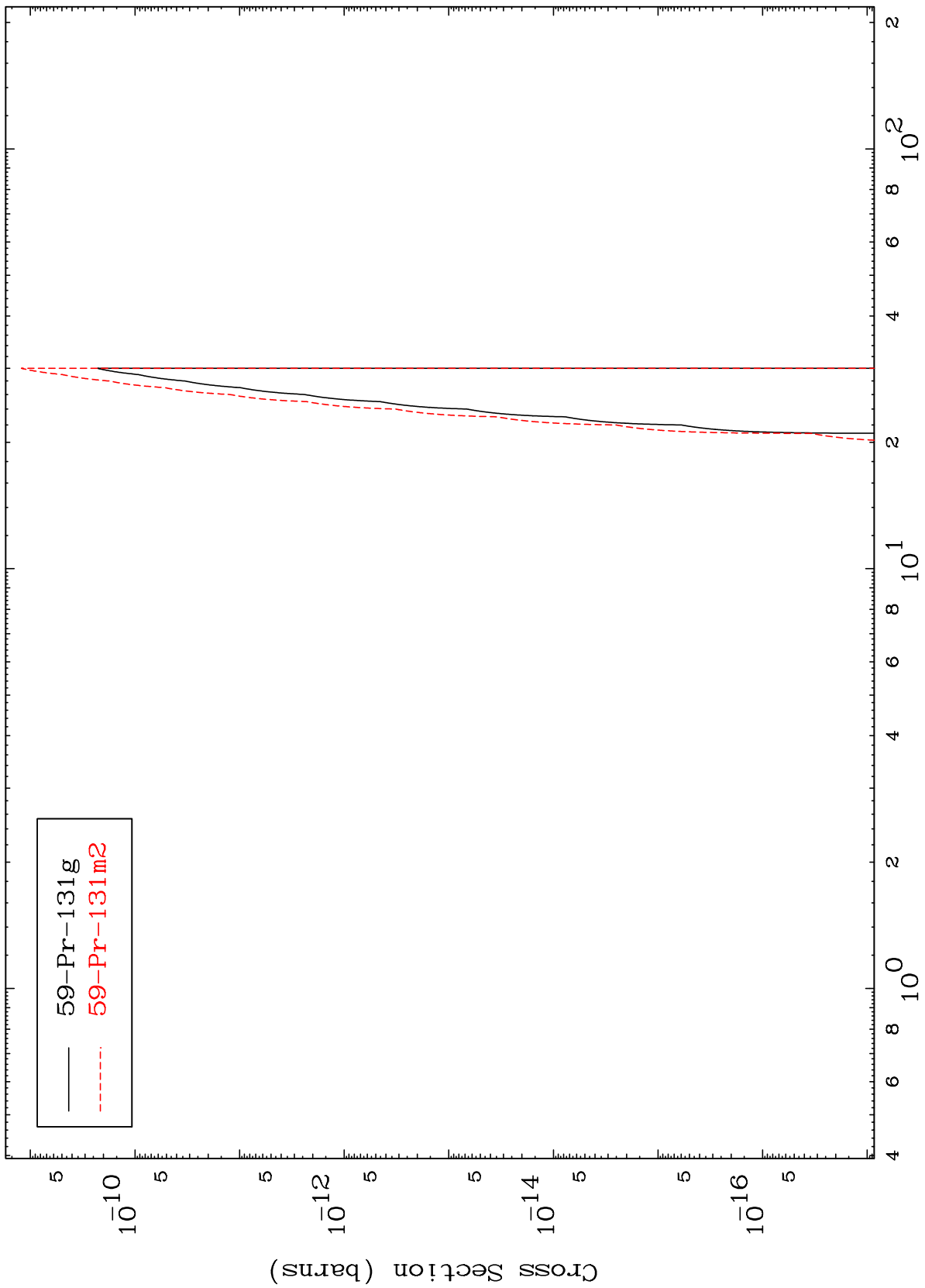
26

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(n,t) 2 $\alpha$

64-Gd-141m

Radionuclide Production Cross Section



27

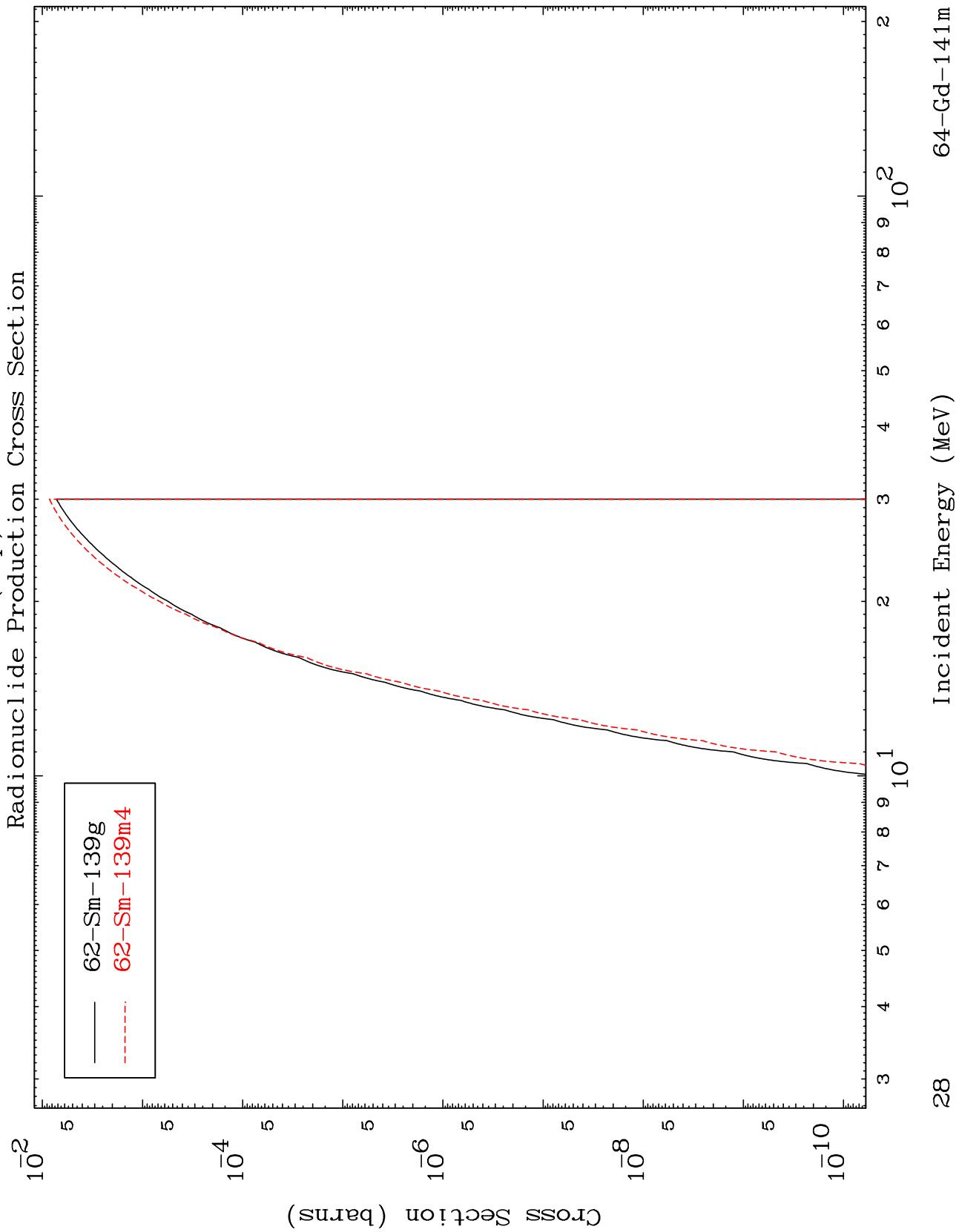
Incident Energy (MeV)

64-Gd-141m

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(n,p) d

64-Gd-141m



MAT 6393

(n,d)  $\alpha$

64-Gd-141m

Radionuclide Production Cross Section

