

Program EVALPLOT  
(Version 2018-1)

by

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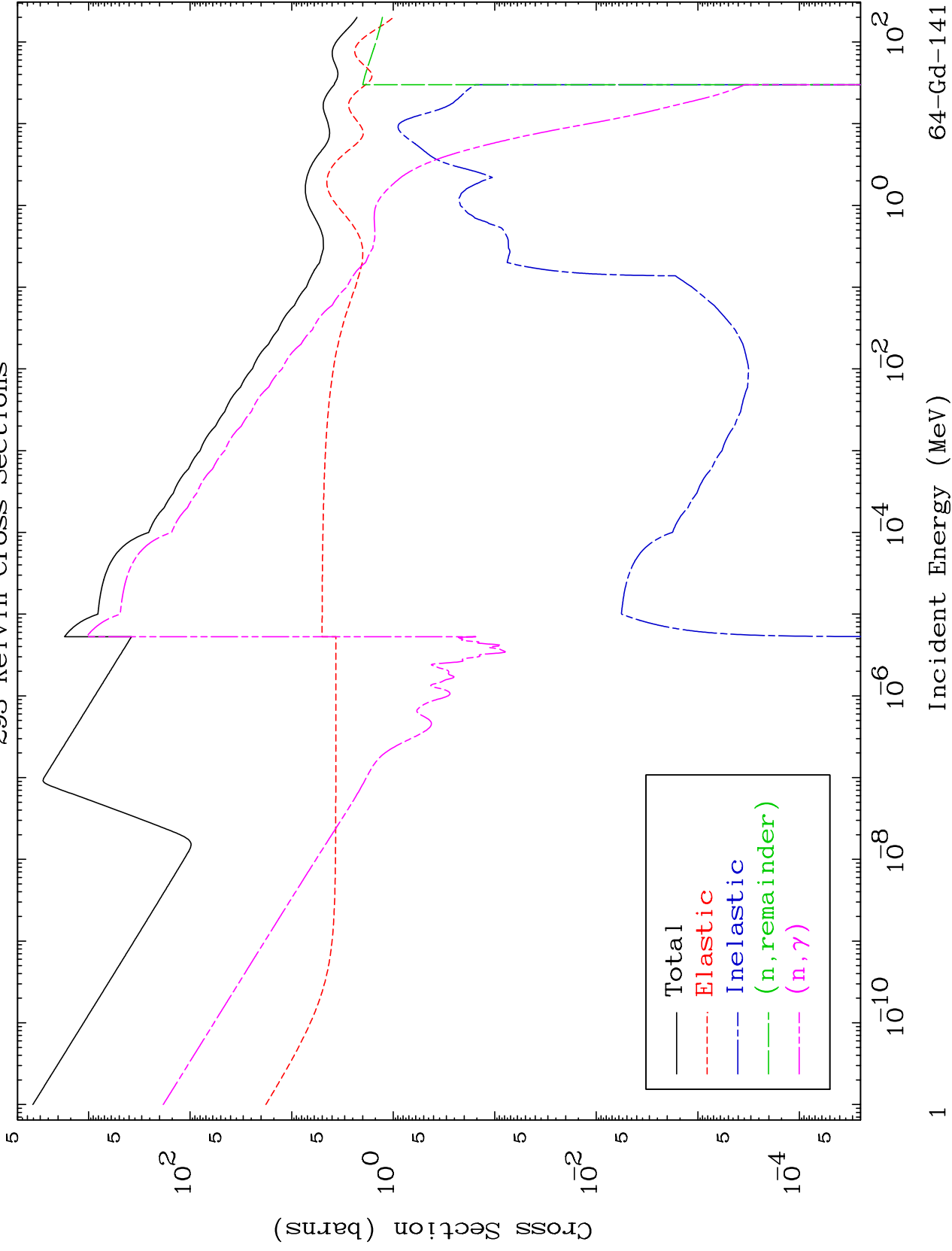
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6393

Major  
293 Kelvin Cross Sections

64-Gd-141



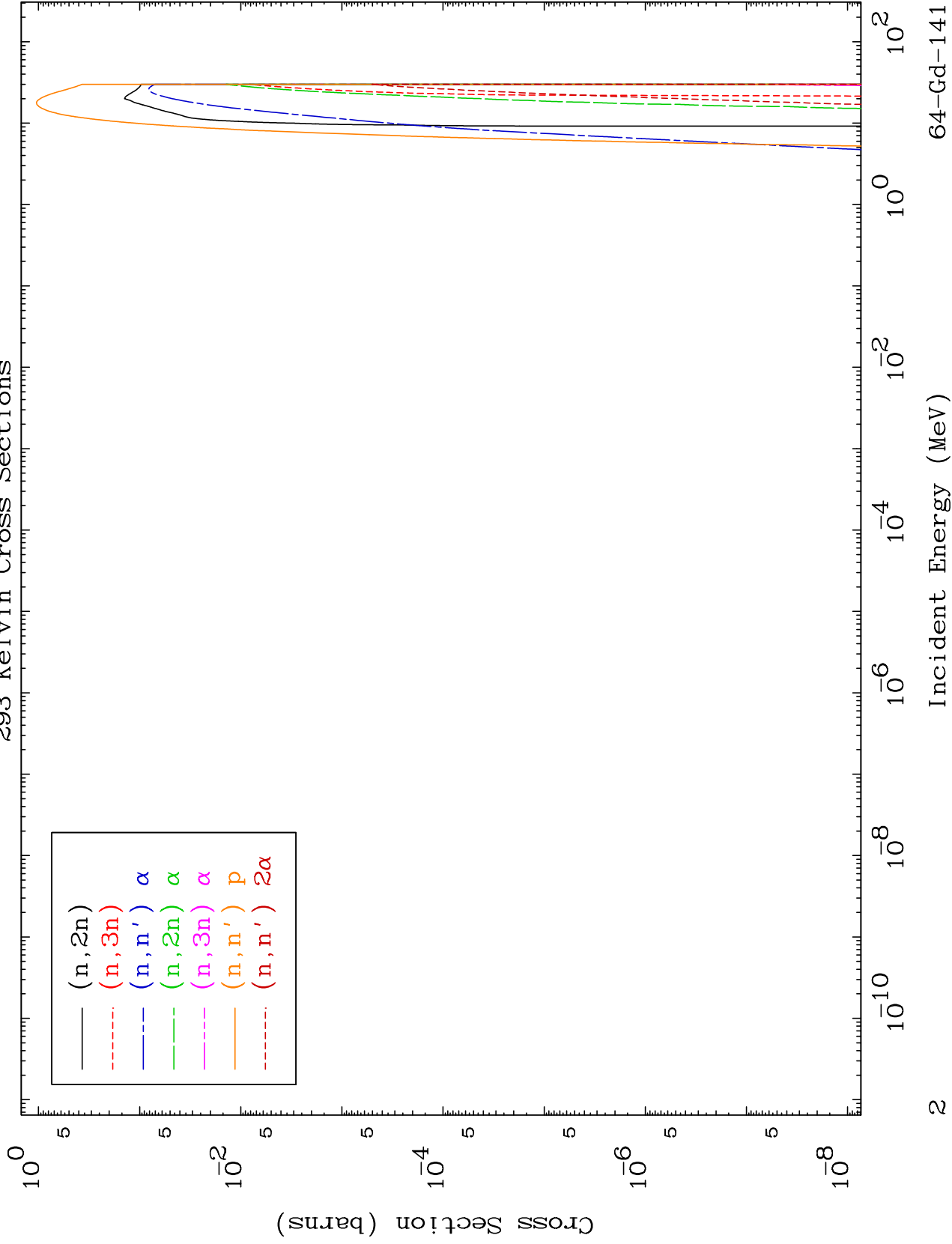
1

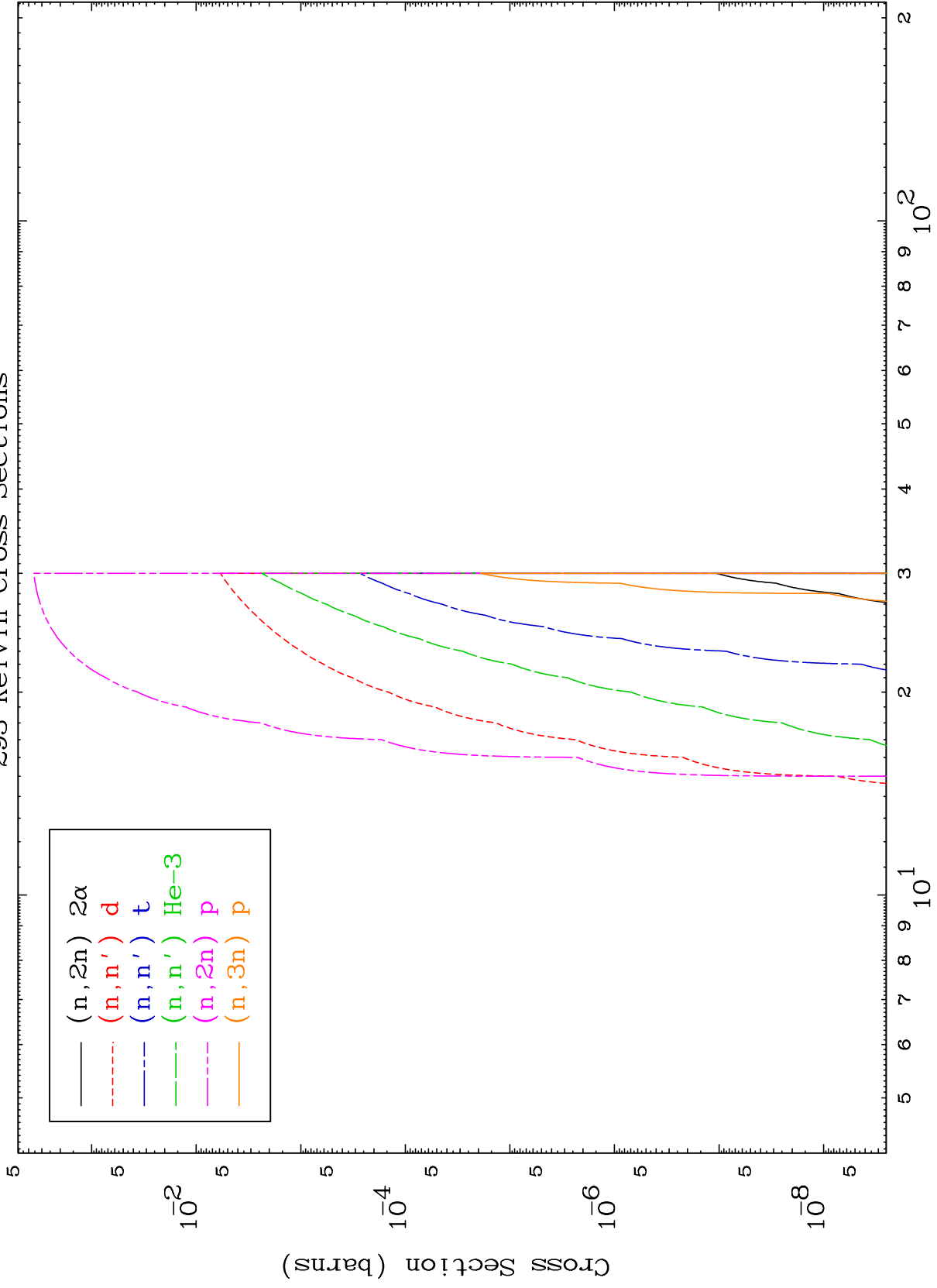
64-Gd-141

MAT 6393

Neutron Production  
293 Kelvin Cross Sections

64-Gd-141

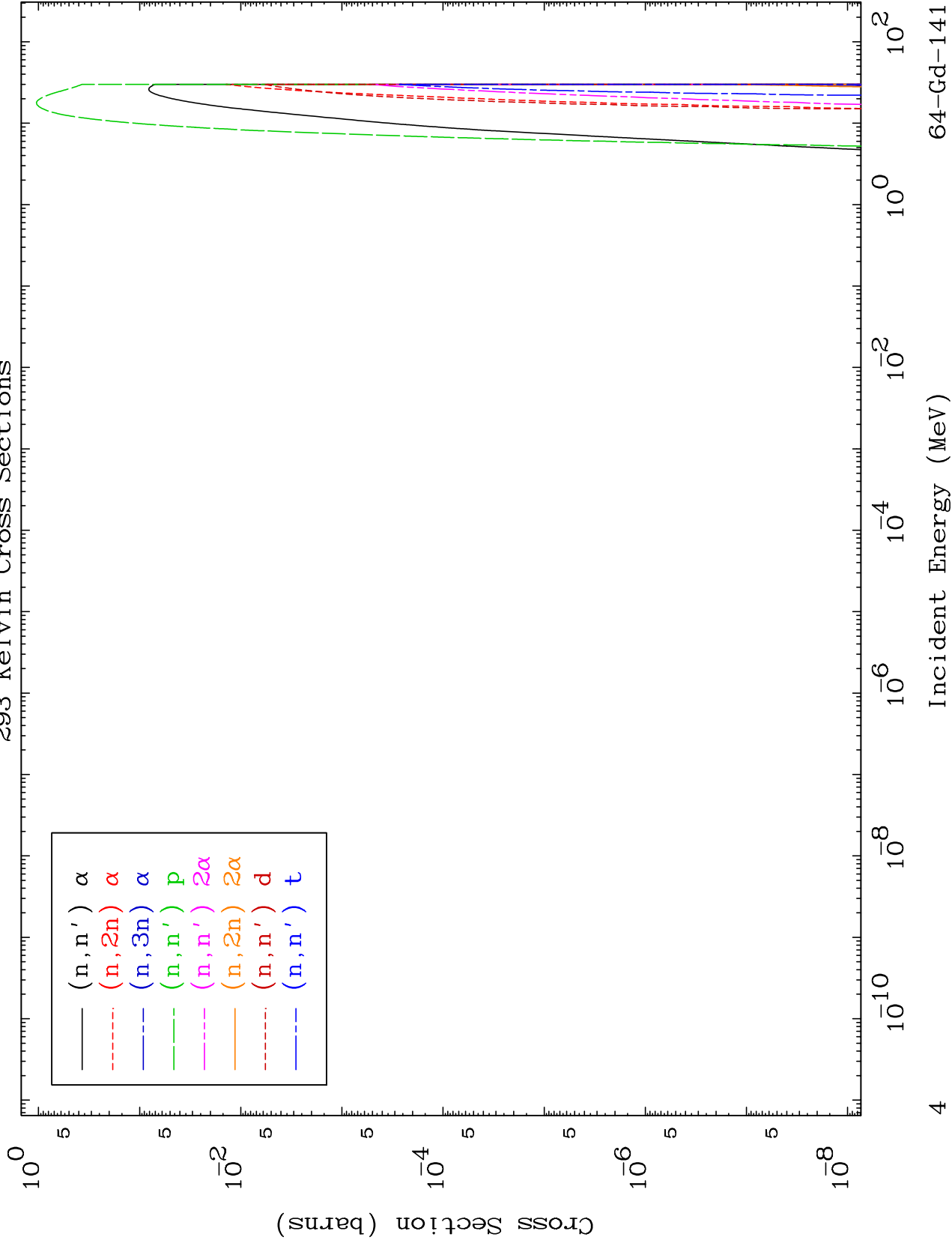




MAT 6393

Charged Particle  
293 Kelvin Cross Sections

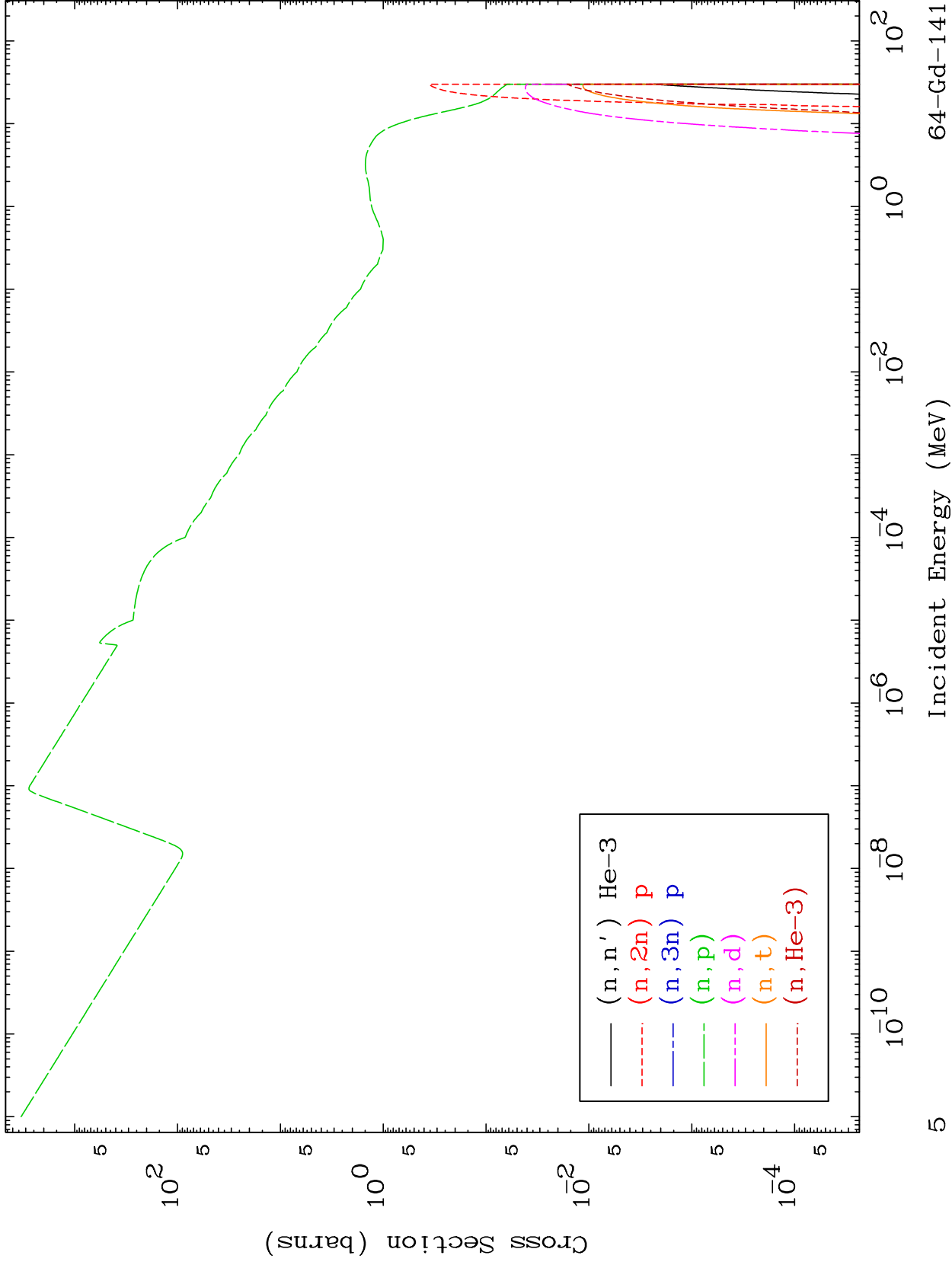
64-Gd-141



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Charged Particle  
293 Kelvin Cross Sections

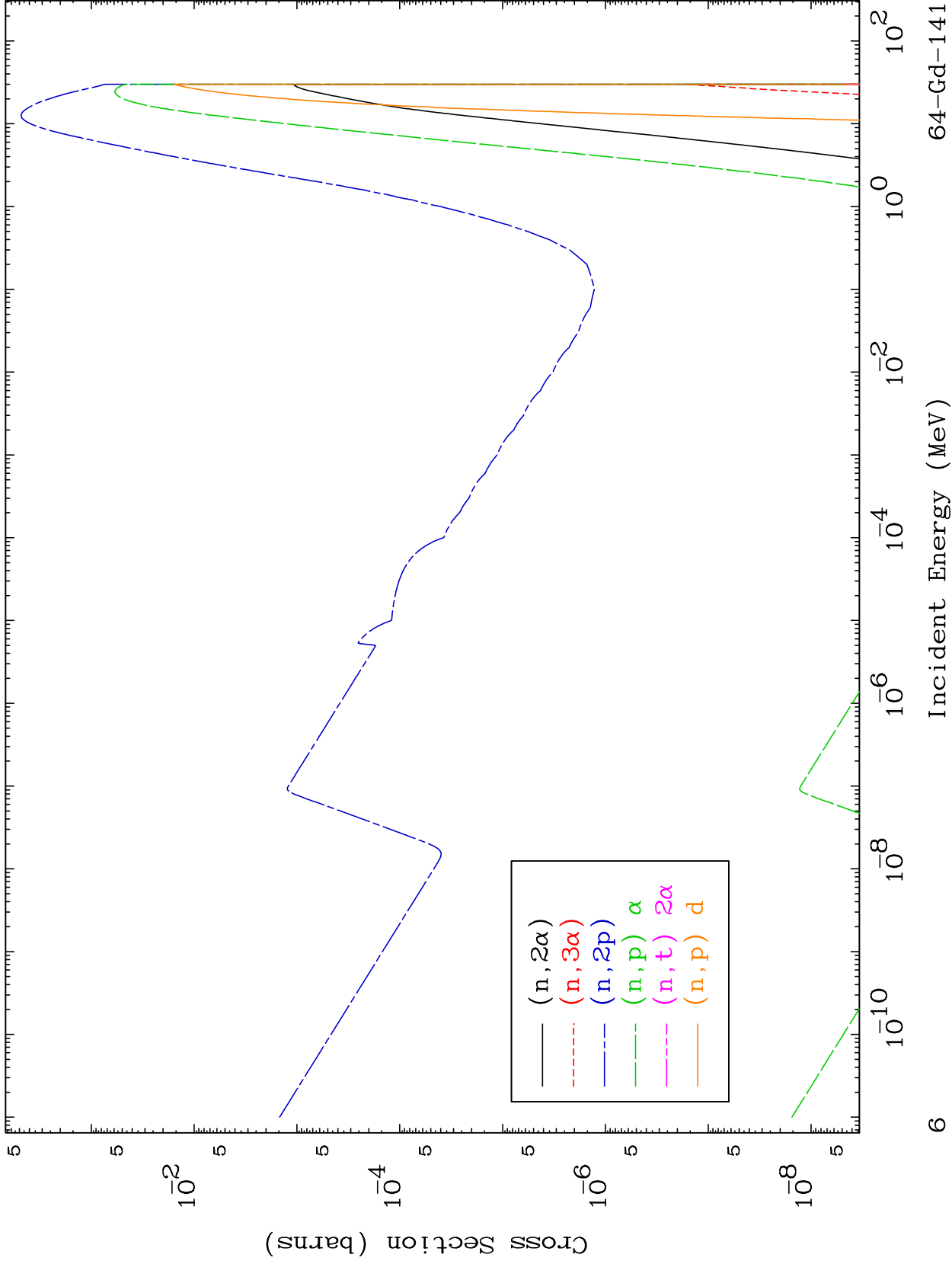
64-Gd-141



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Charged Particle  
293 Kelvin Cross Sections

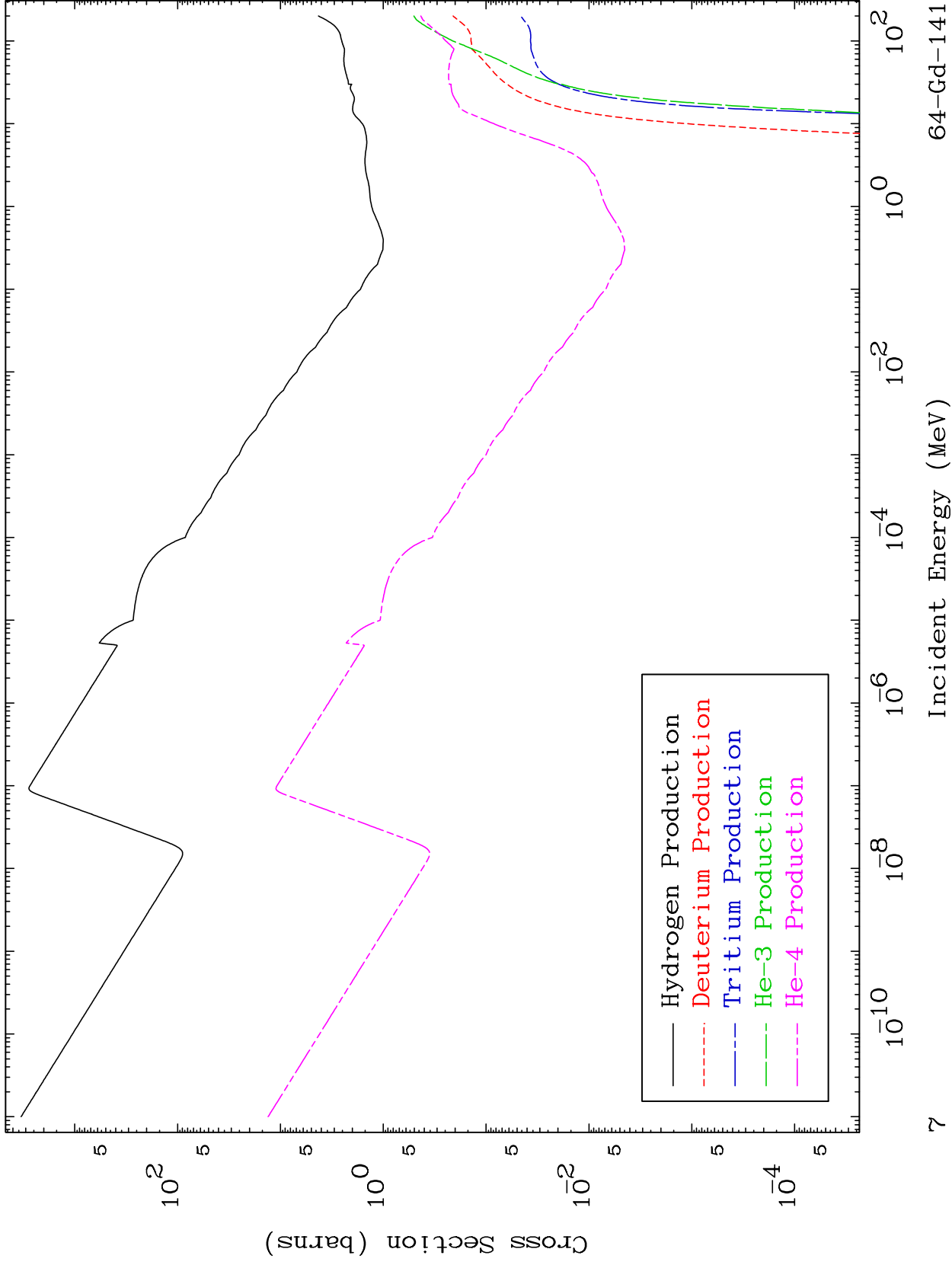
64-Gd-141



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Particle Production  
293 Kelvin Cross Sections

64-Gd-141

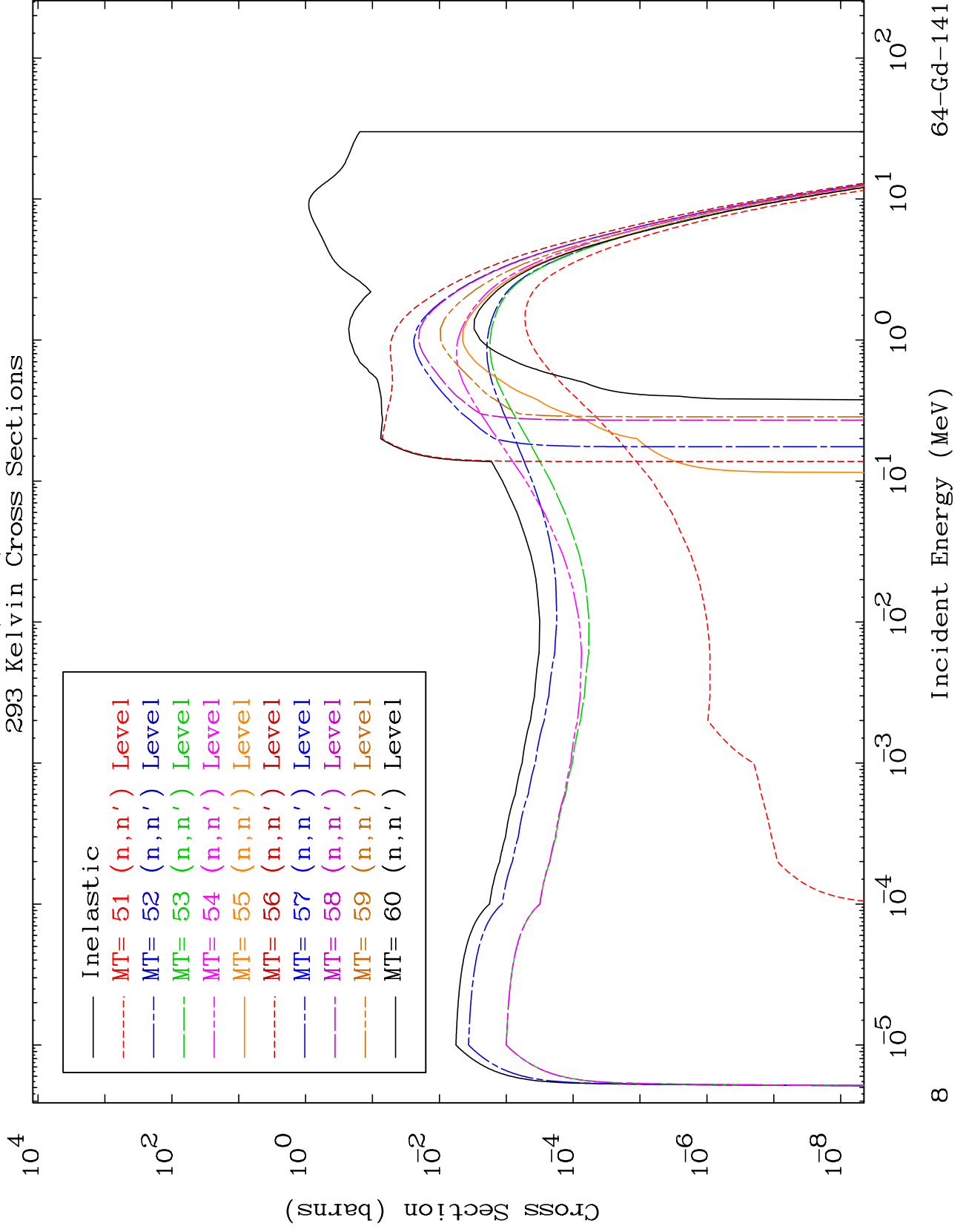




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(n,n') Level  
293 Kelvin Cross Sections

64-Gd-141

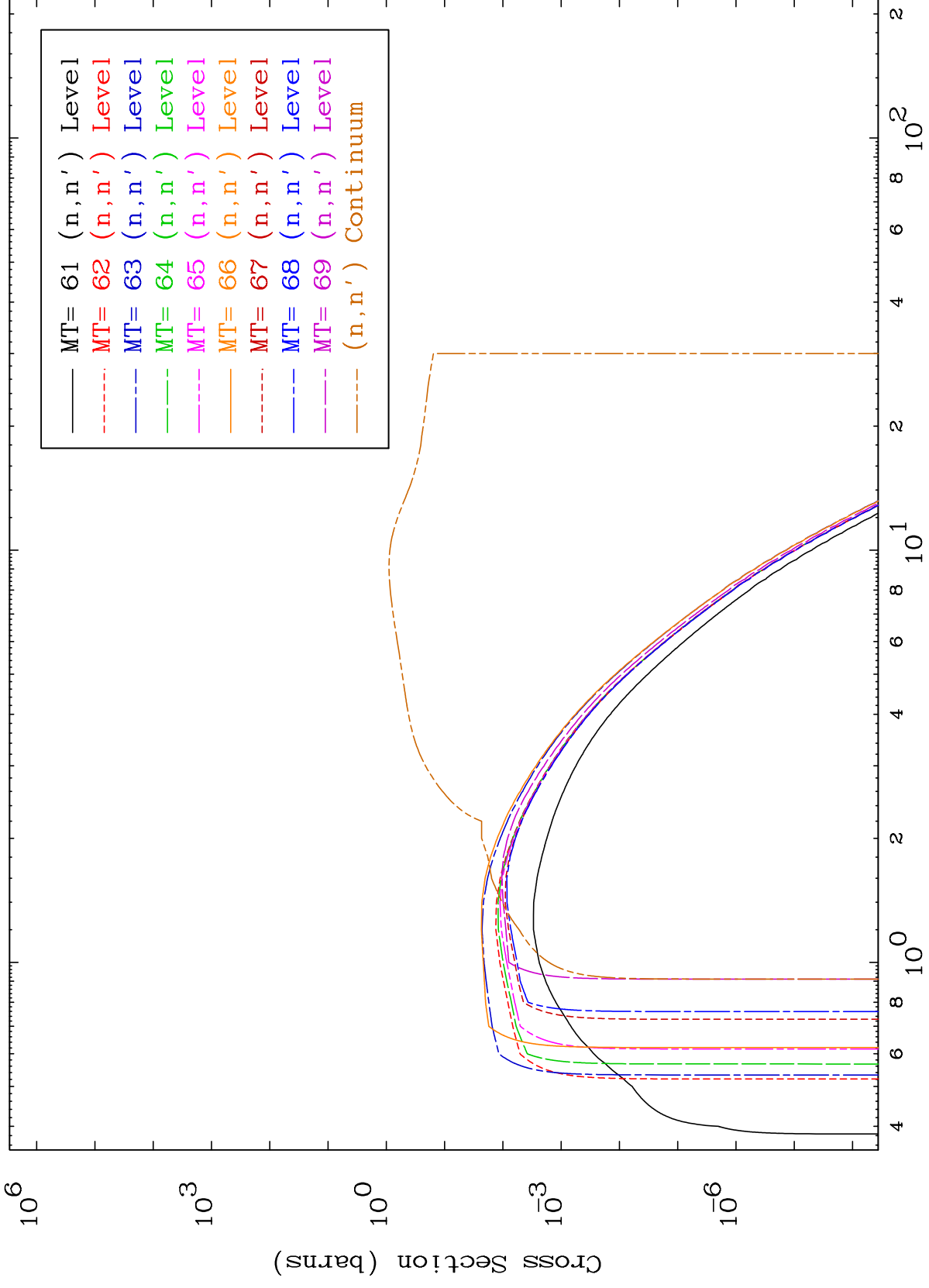


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(n,n') Level

64-Gd-141

293 Kelvin Cross Sections



9

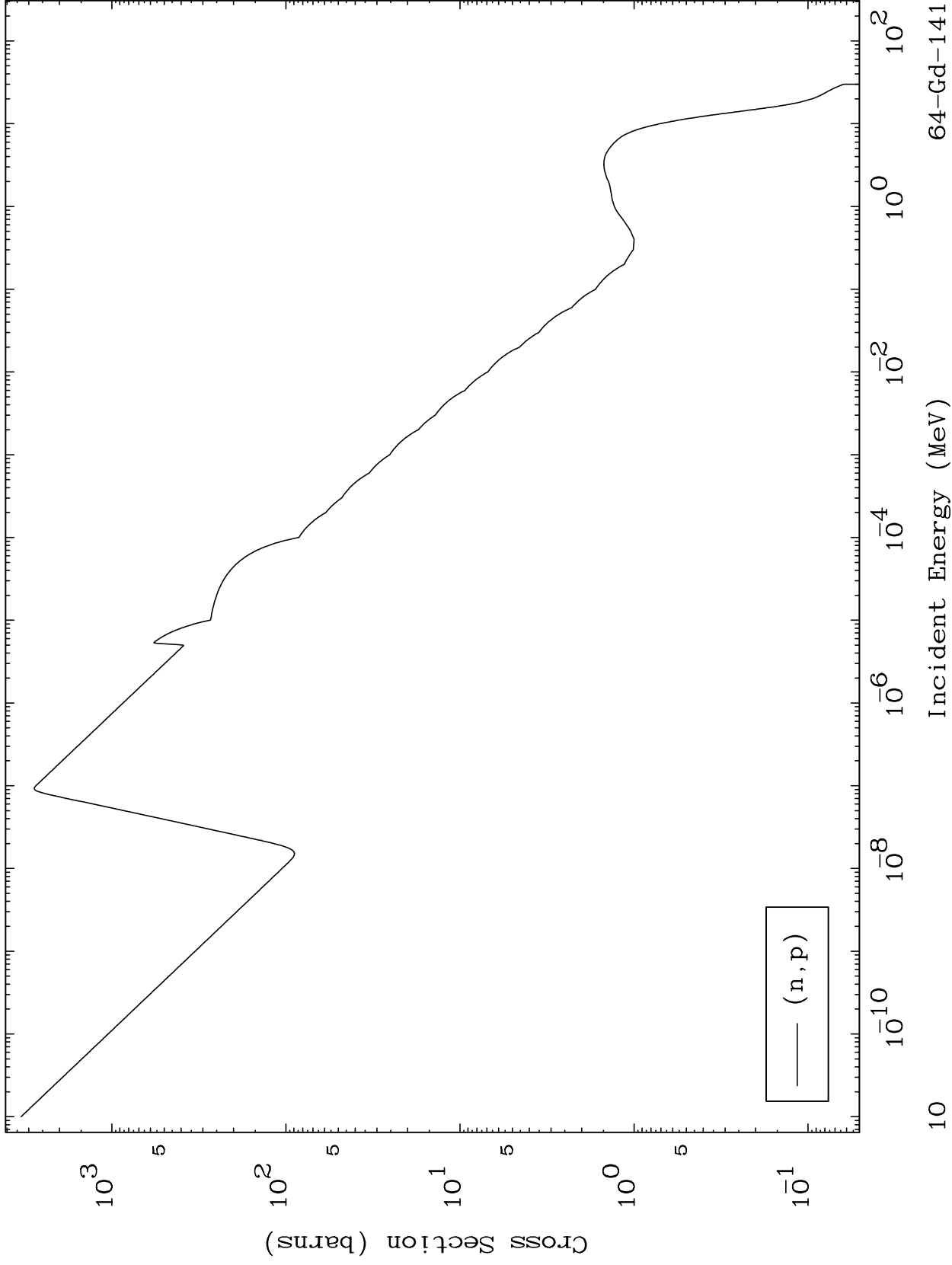
Incident Energy (MeV)

64-Gd-141

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(n,p) Levels  
293 Kelvin Cross Sections

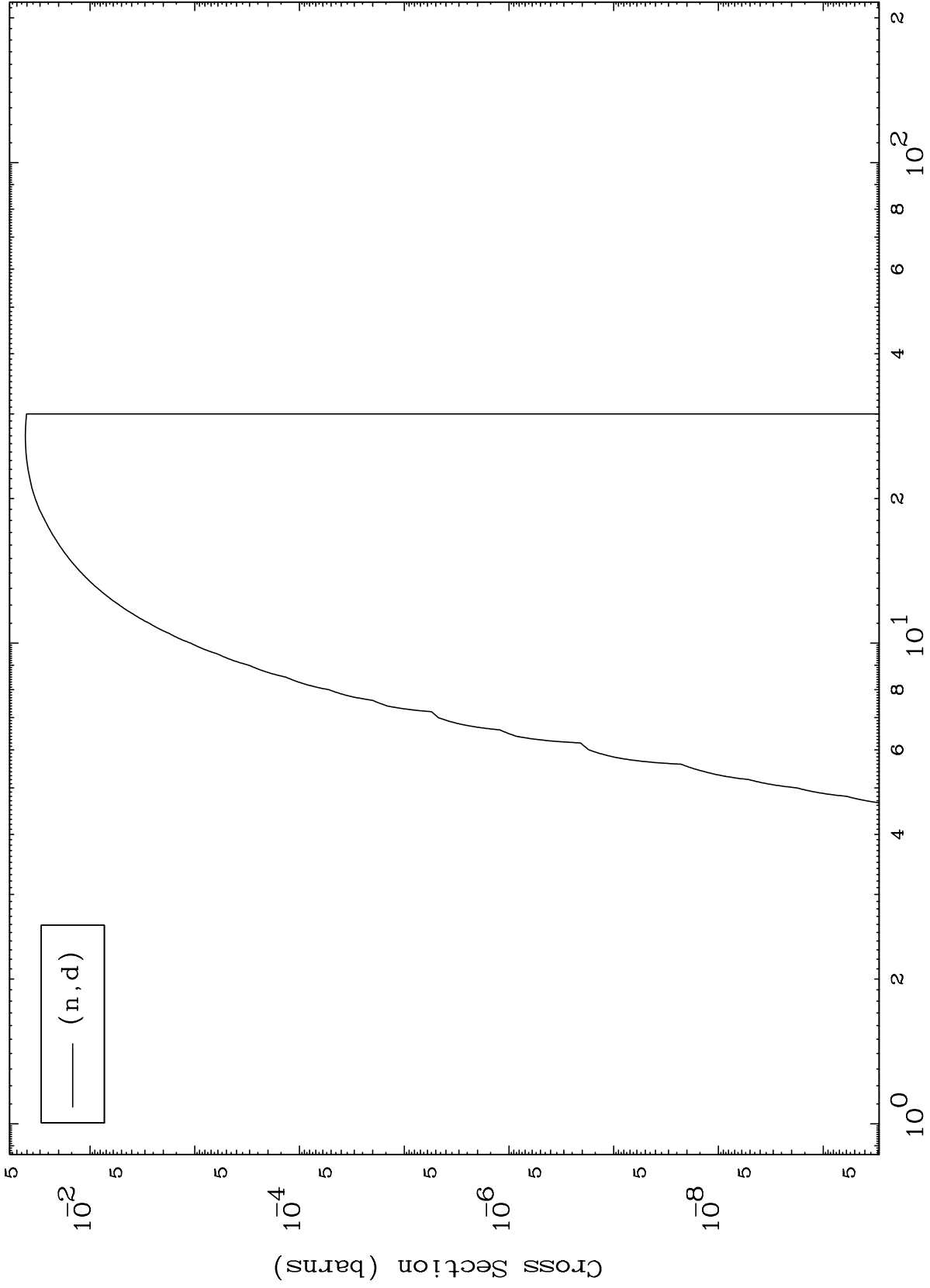
64-Gd-141



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(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-141



11

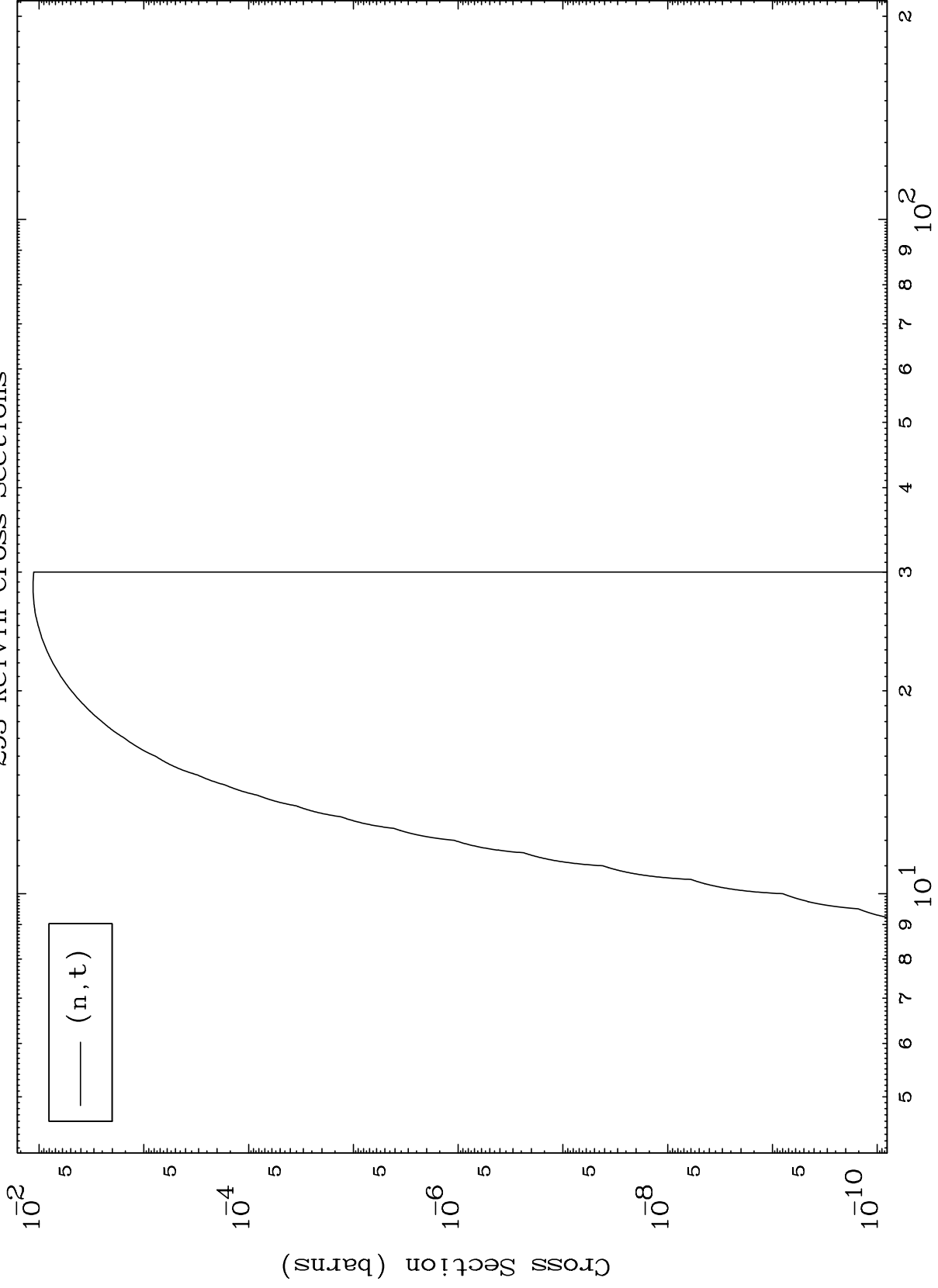
Incident Energy (MeV)

64-Gd-141

MAT 6393

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-141



12

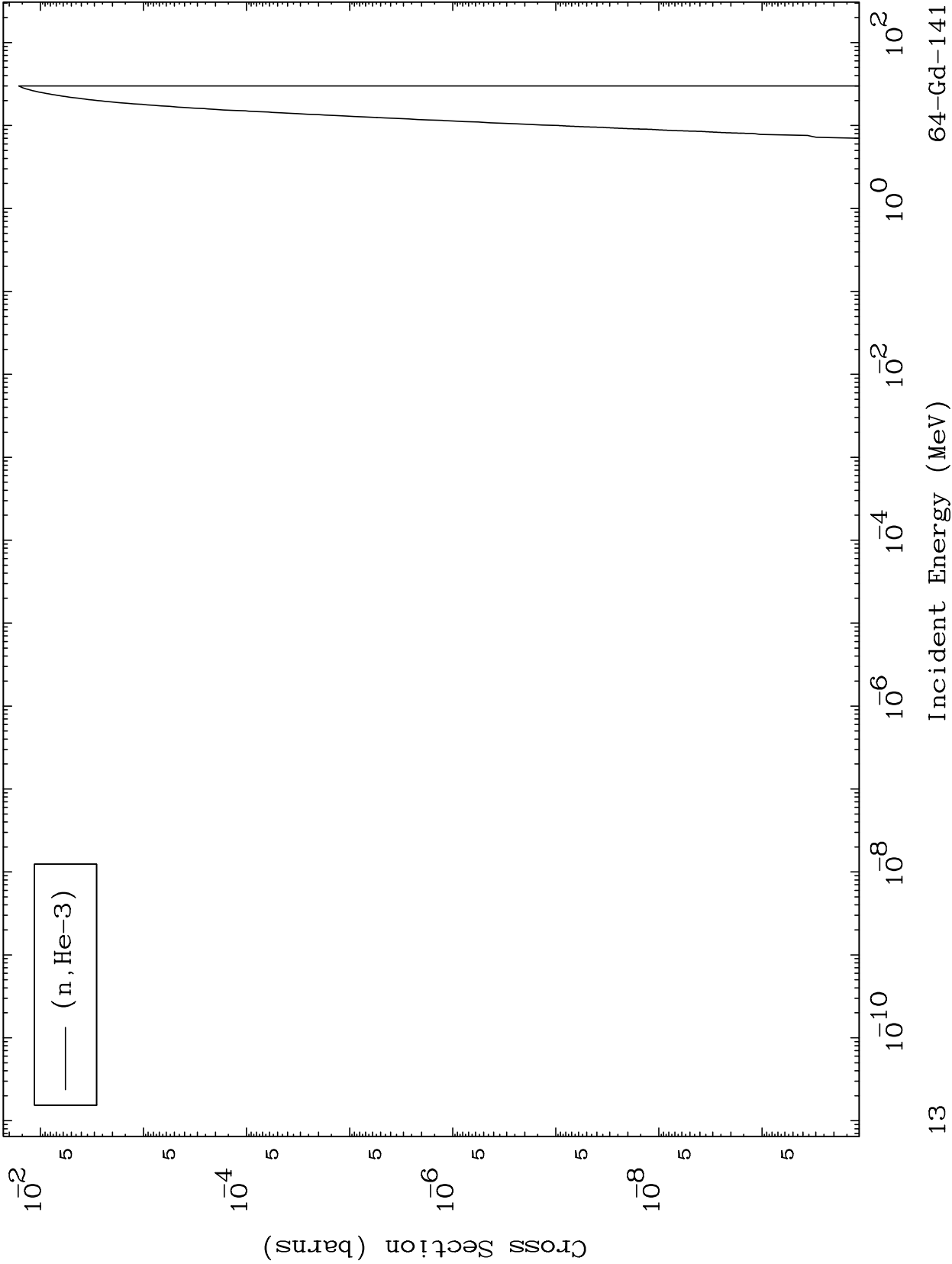
Incident Energy (MeV)

64-Gd-141

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(n,He3) Levels  
293 Kelvin Cross Sections

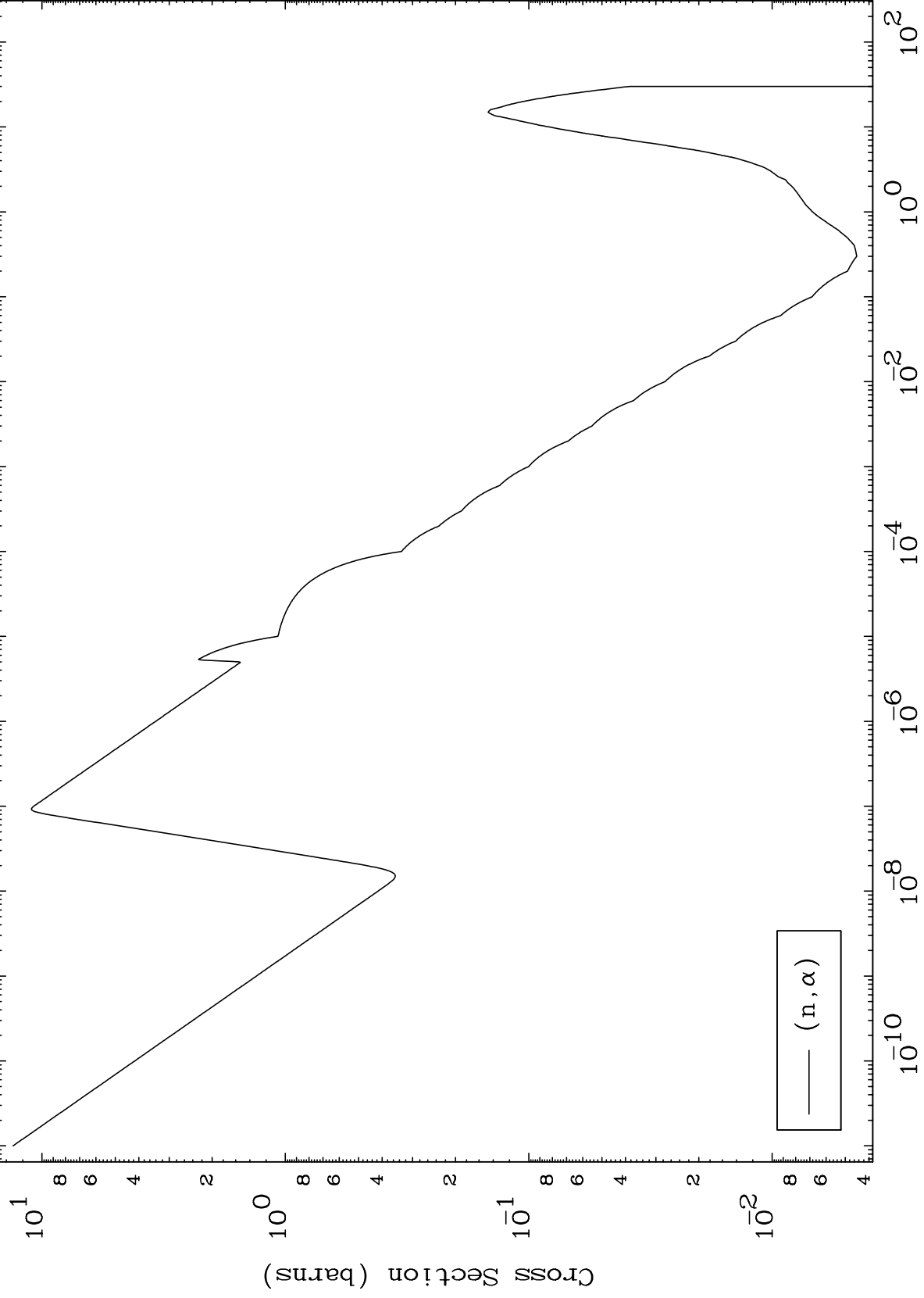
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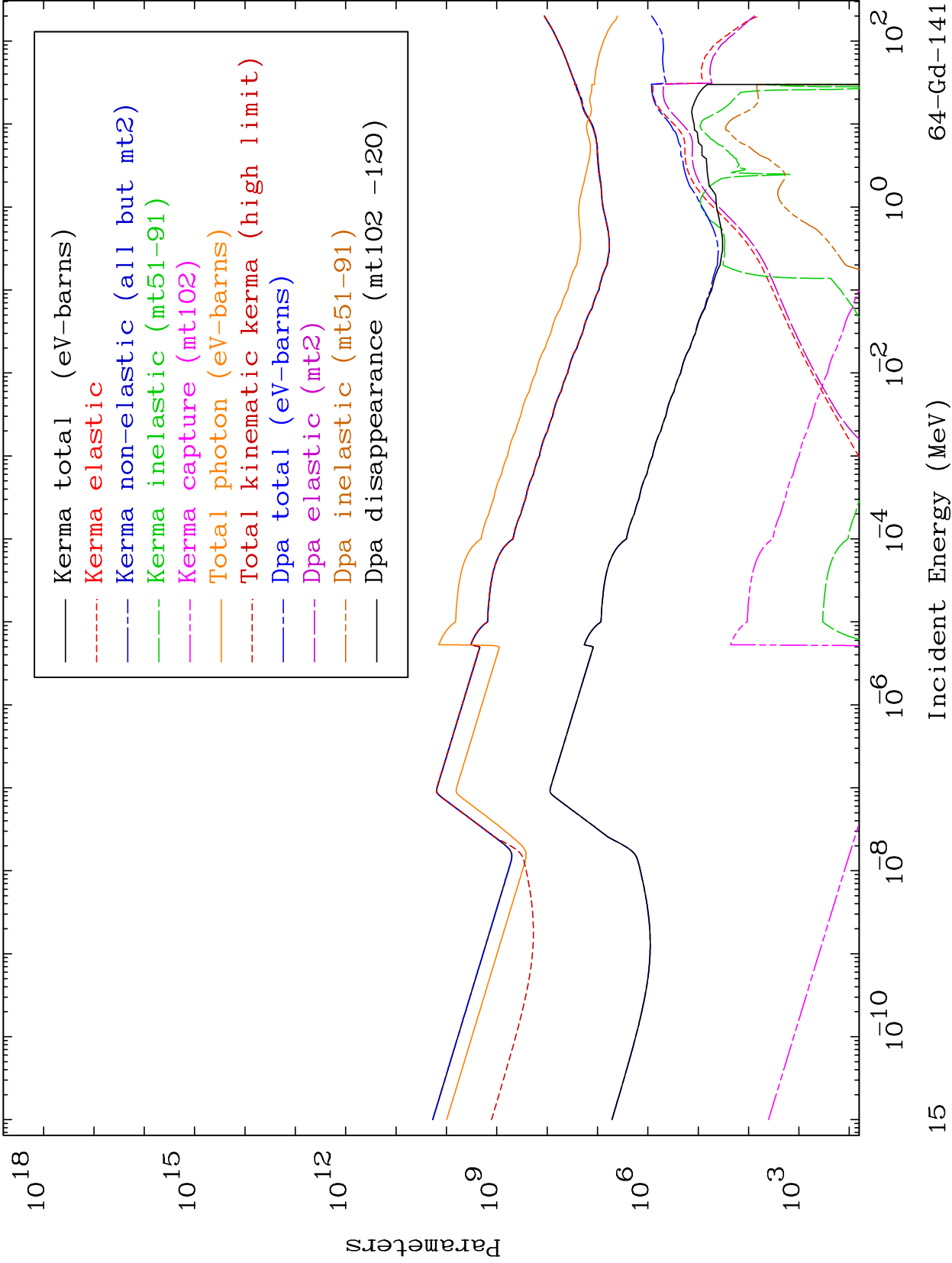


MAT 6393

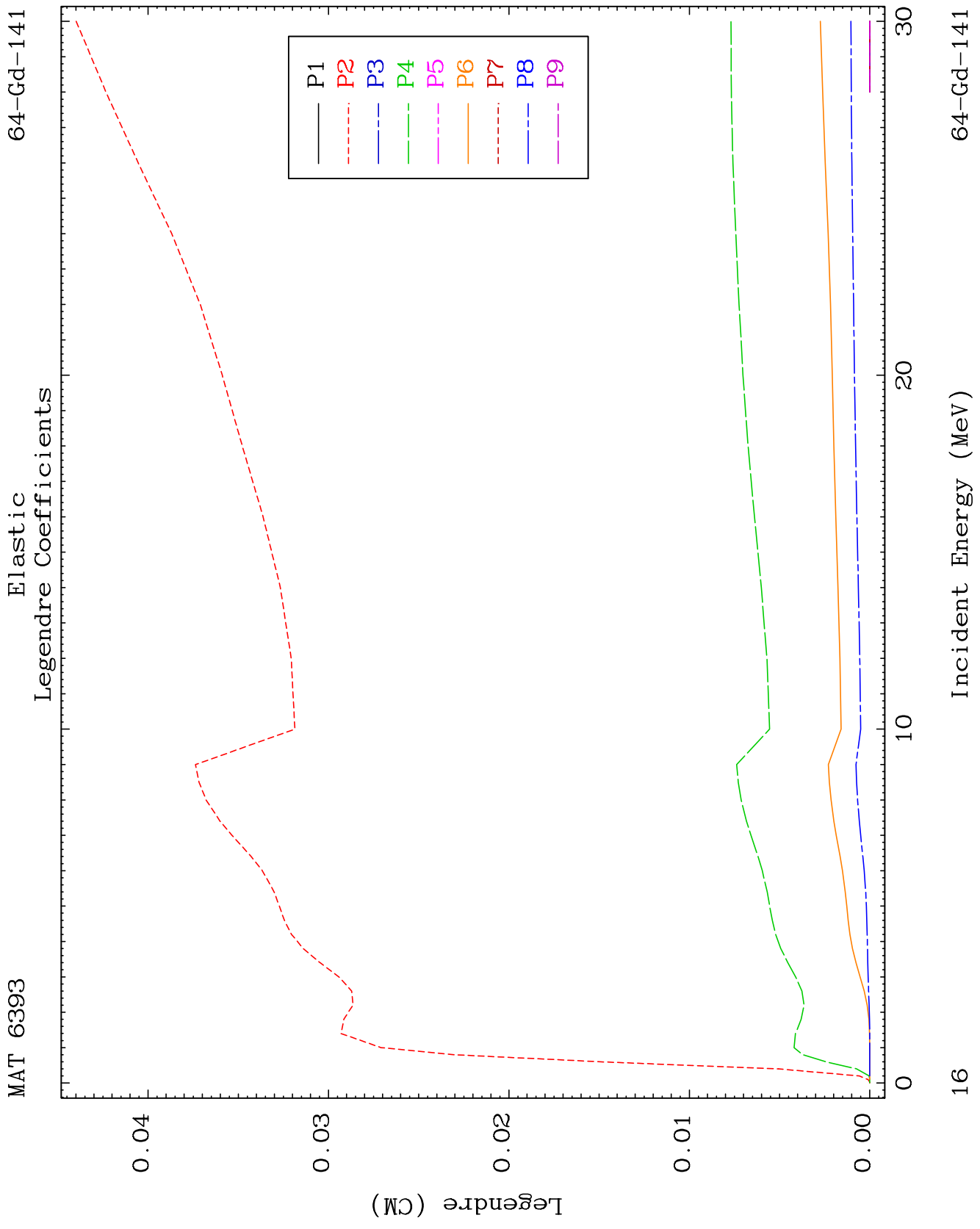
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

64-Gd-141





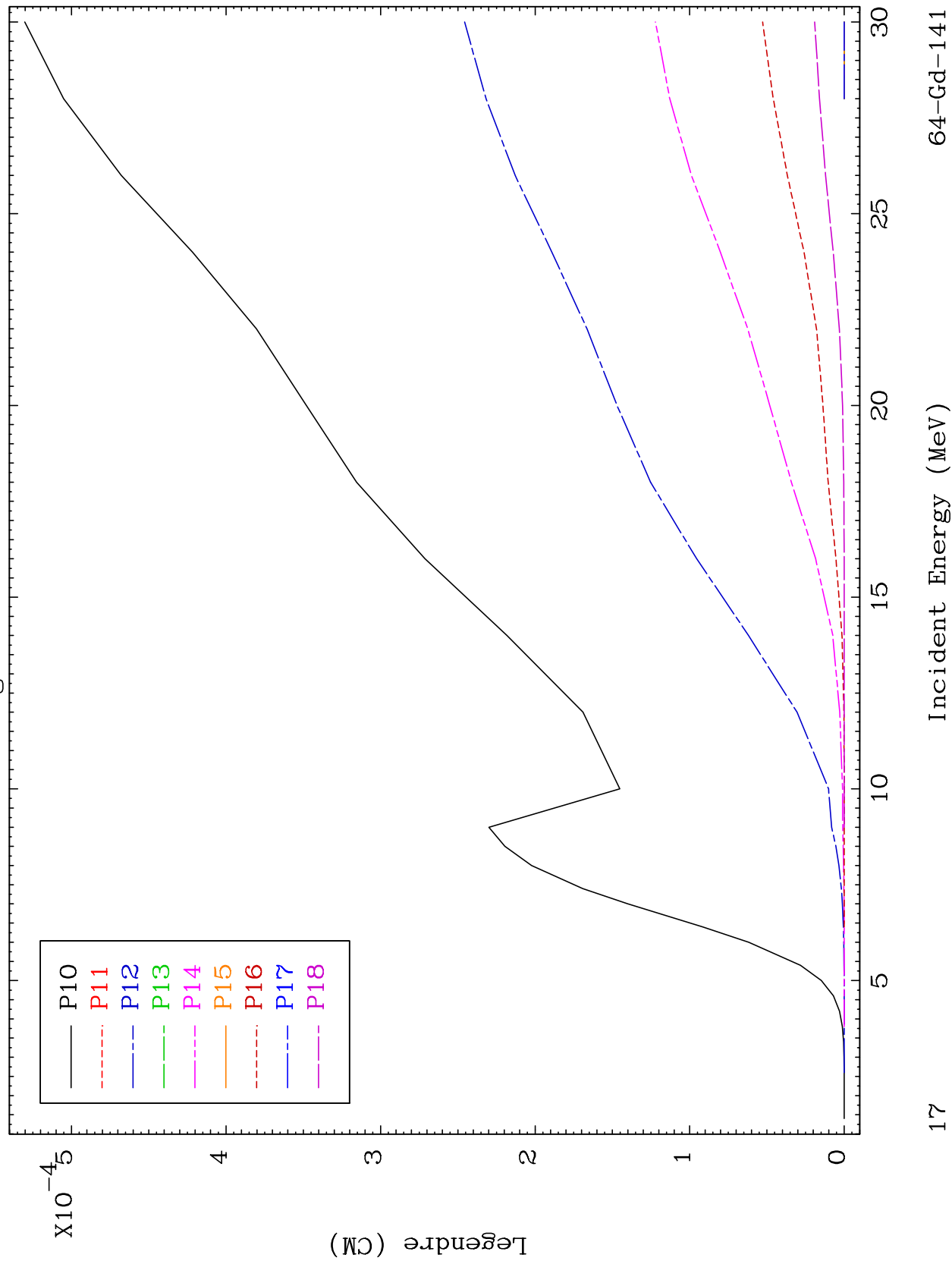




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Elastic Legendre Coefficients

64-Gd-141



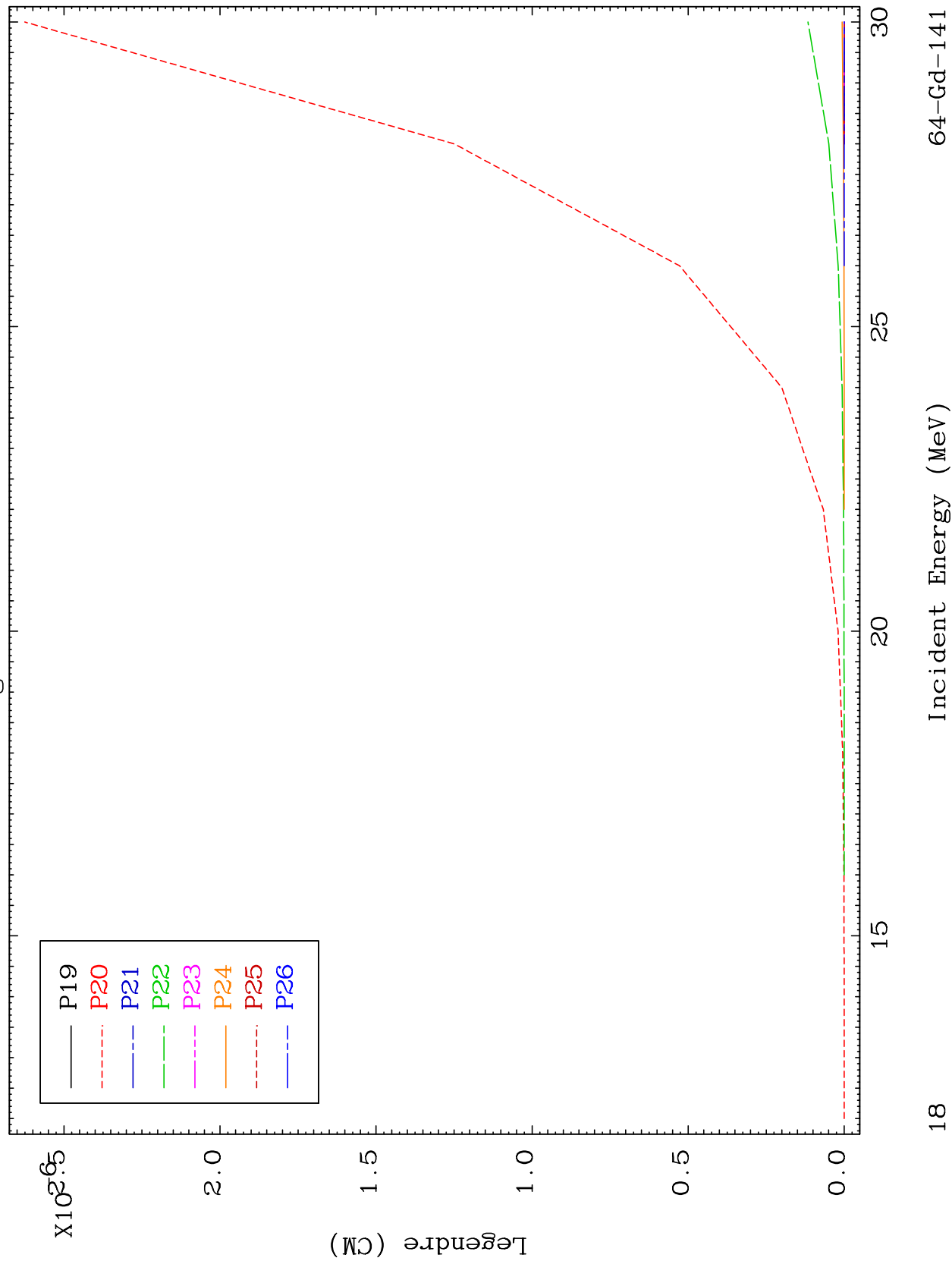
17

64-Gd-141

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Elastic  
Legendre Coefficients

64-Gd-141



18

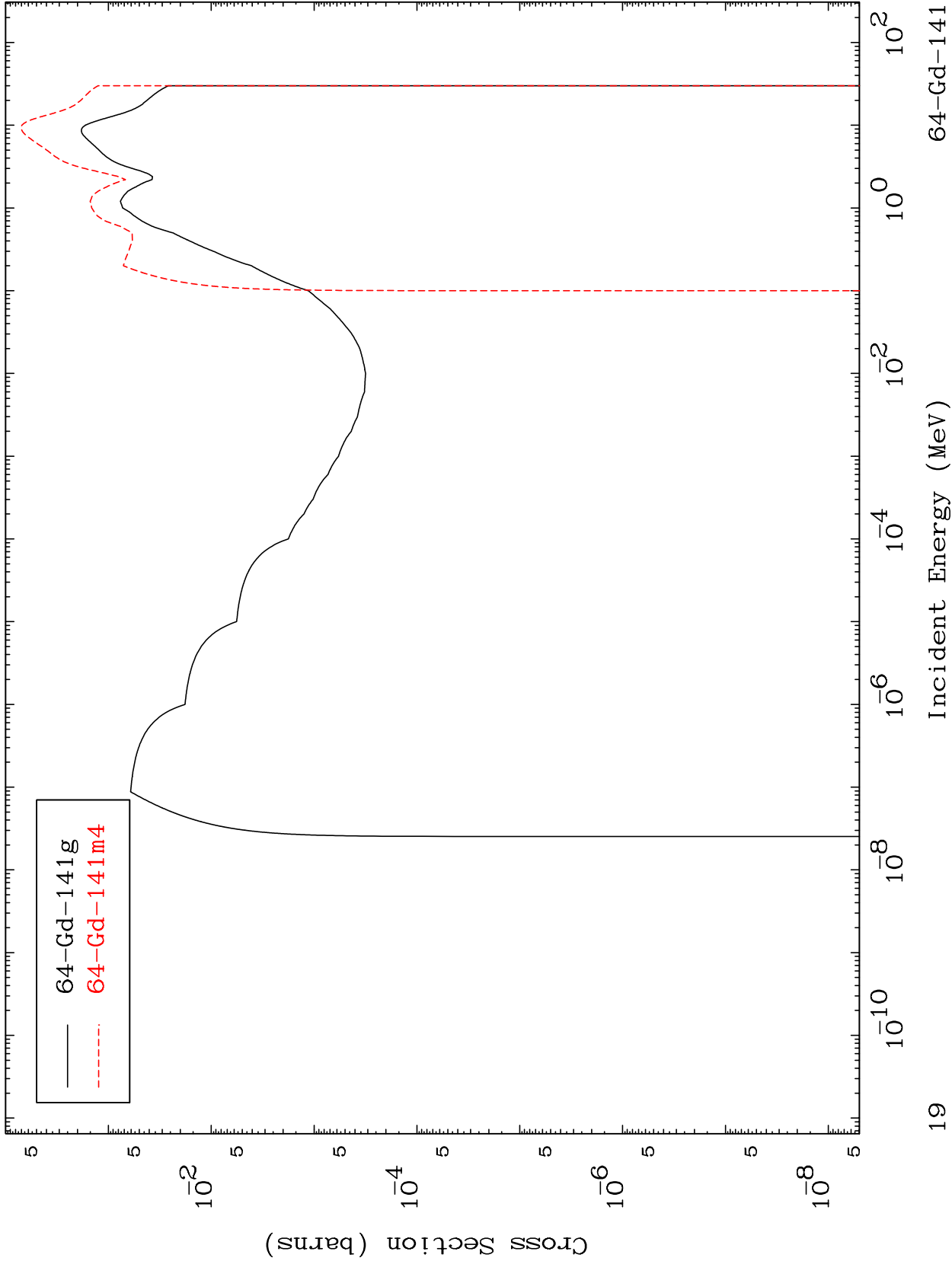
Incident Energy (MeV)

64-Gd-141

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Inelastic  
Radionuclide Production Cross Section

64-Gd-141

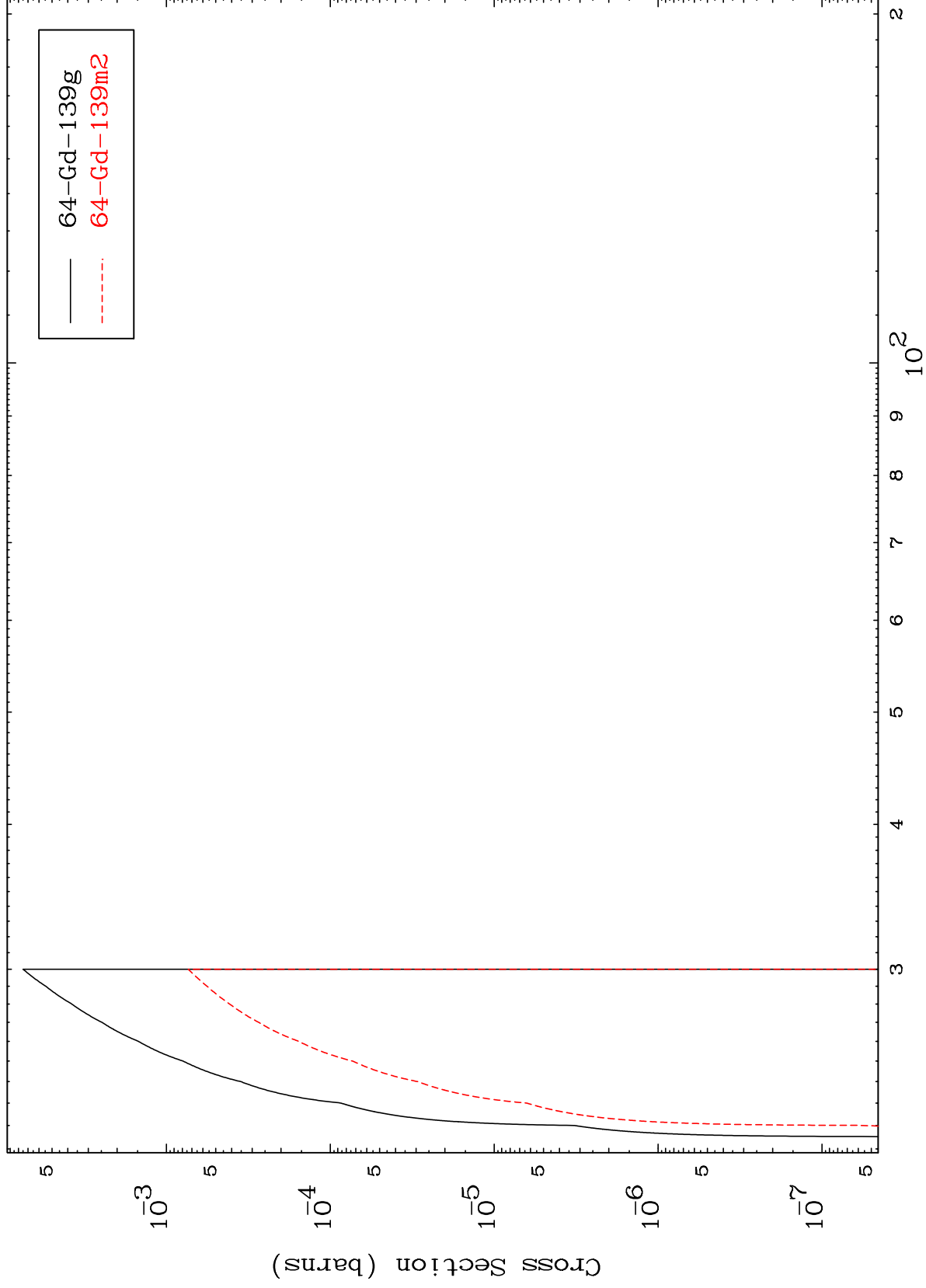


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(n,3n)

64-Gd-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

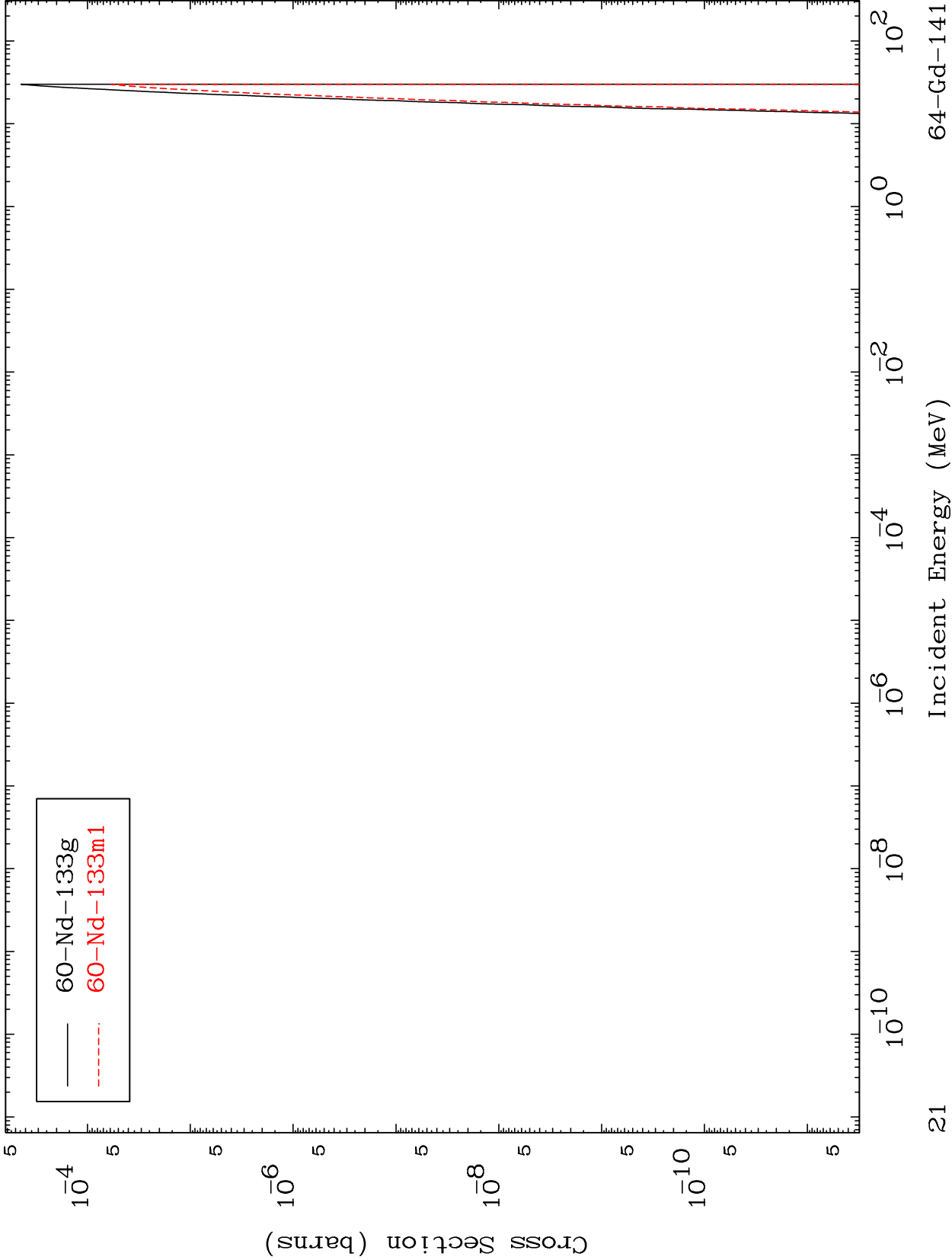
64-Gd-141

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(n,n') 2α

64-Gd-141

Radionuclide Production Cross Section

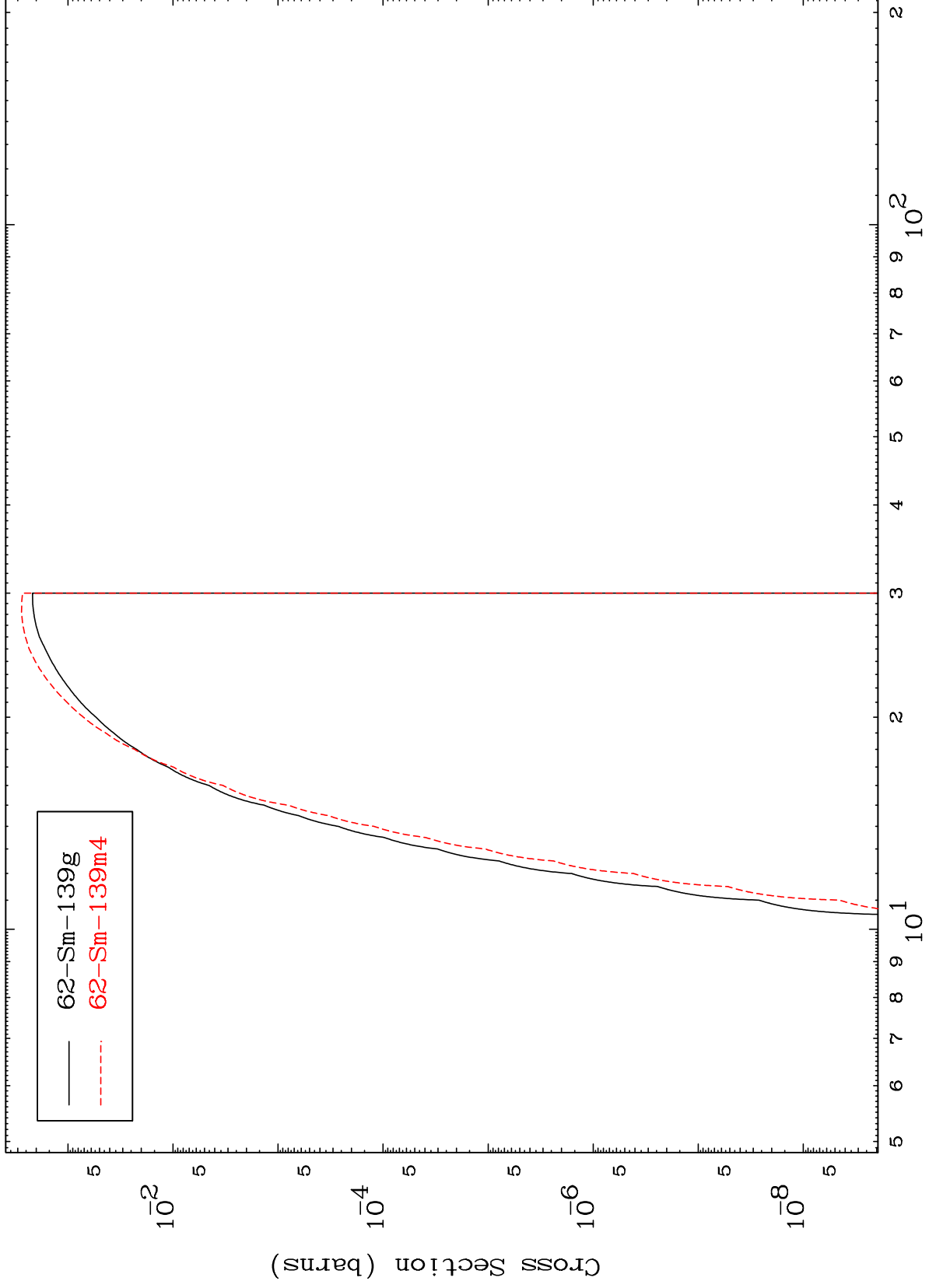


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(n,2n) p

64-Gd-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

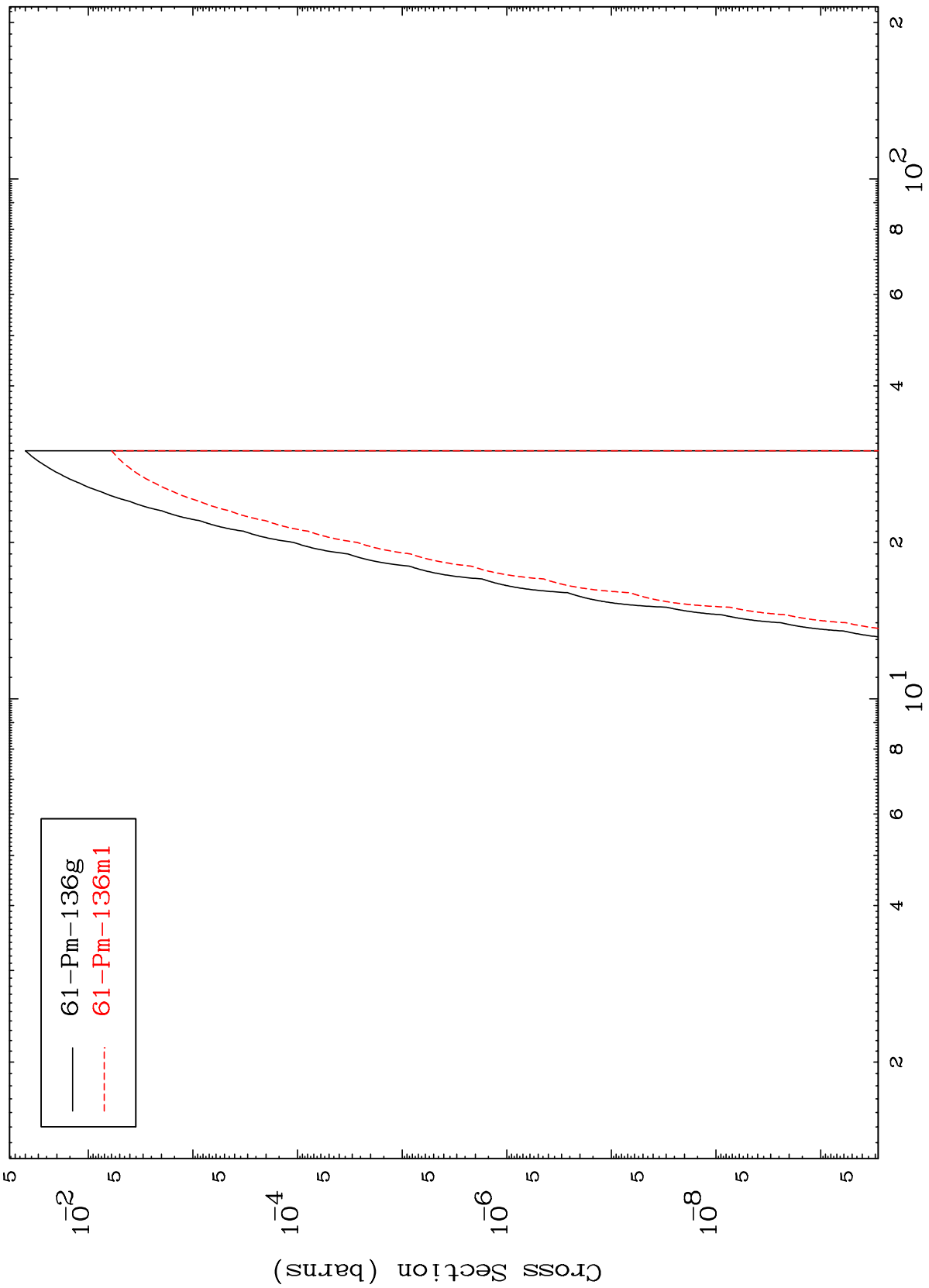
64-Gd-141

MAT 6393

(n,n') p  $\alpha$

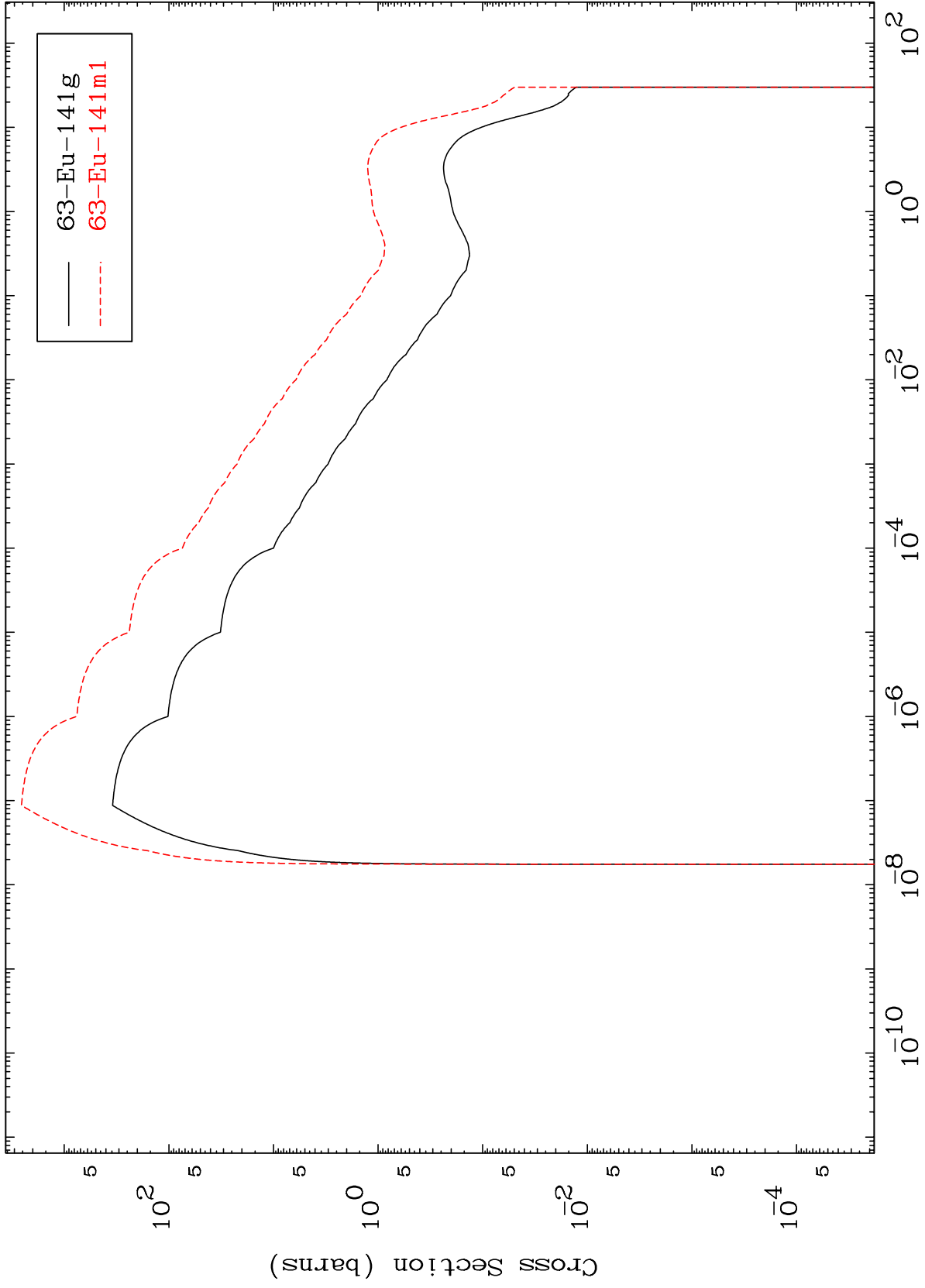
64-Gd-141

Radionuclide Production Cross Section





(n,p)  
Radionuclide Production Cross Section



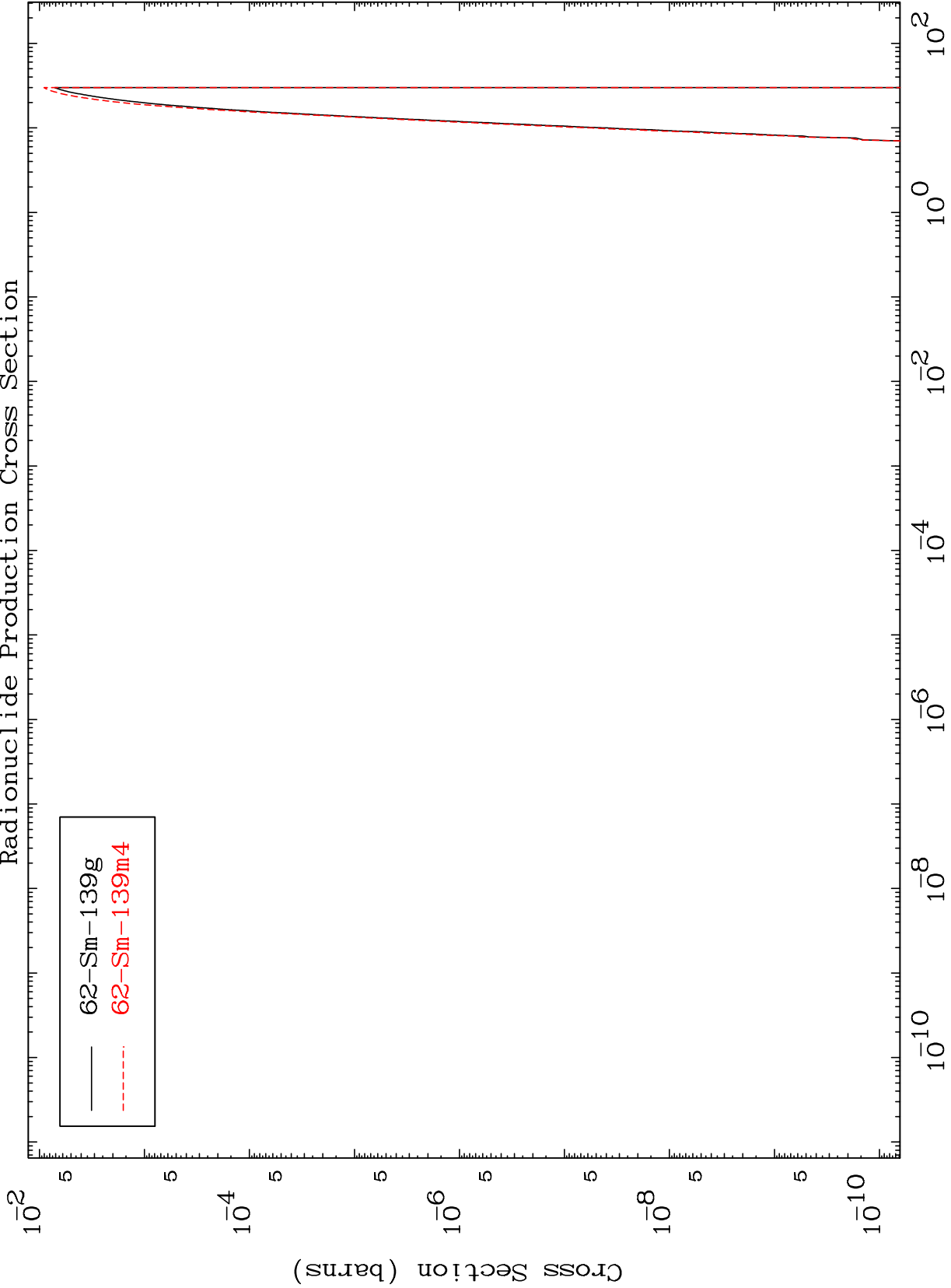
— 63-Eu-141g  
- - - 63-Eu-141m1

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(n,He-3)

64-Gd-141

Radionuclide Production Cross Section



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

Incident Energy (MeV)

64-Gd-141

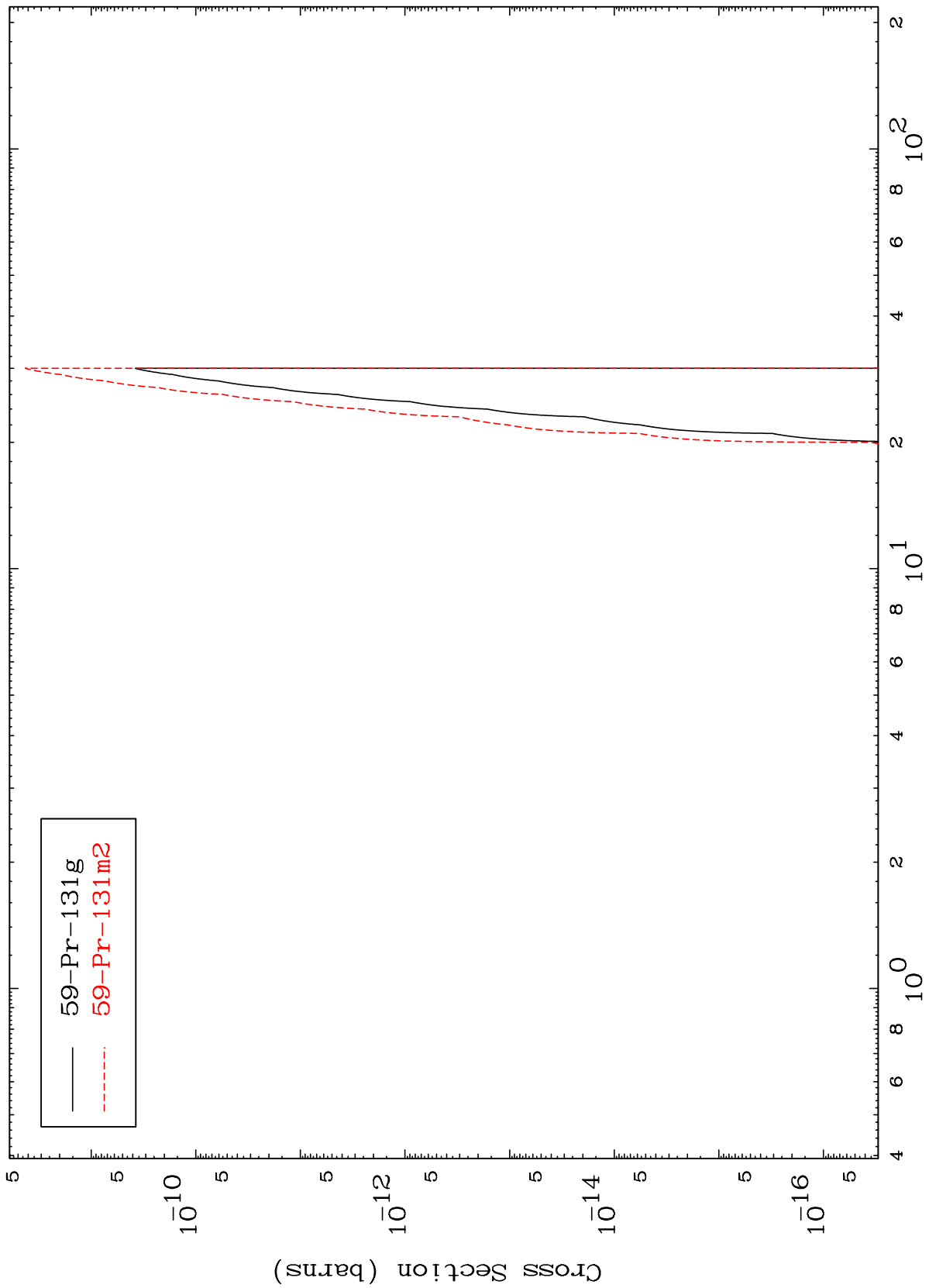
25

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(n,t) 2 $\alpha$

64-Gd-141

Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

26

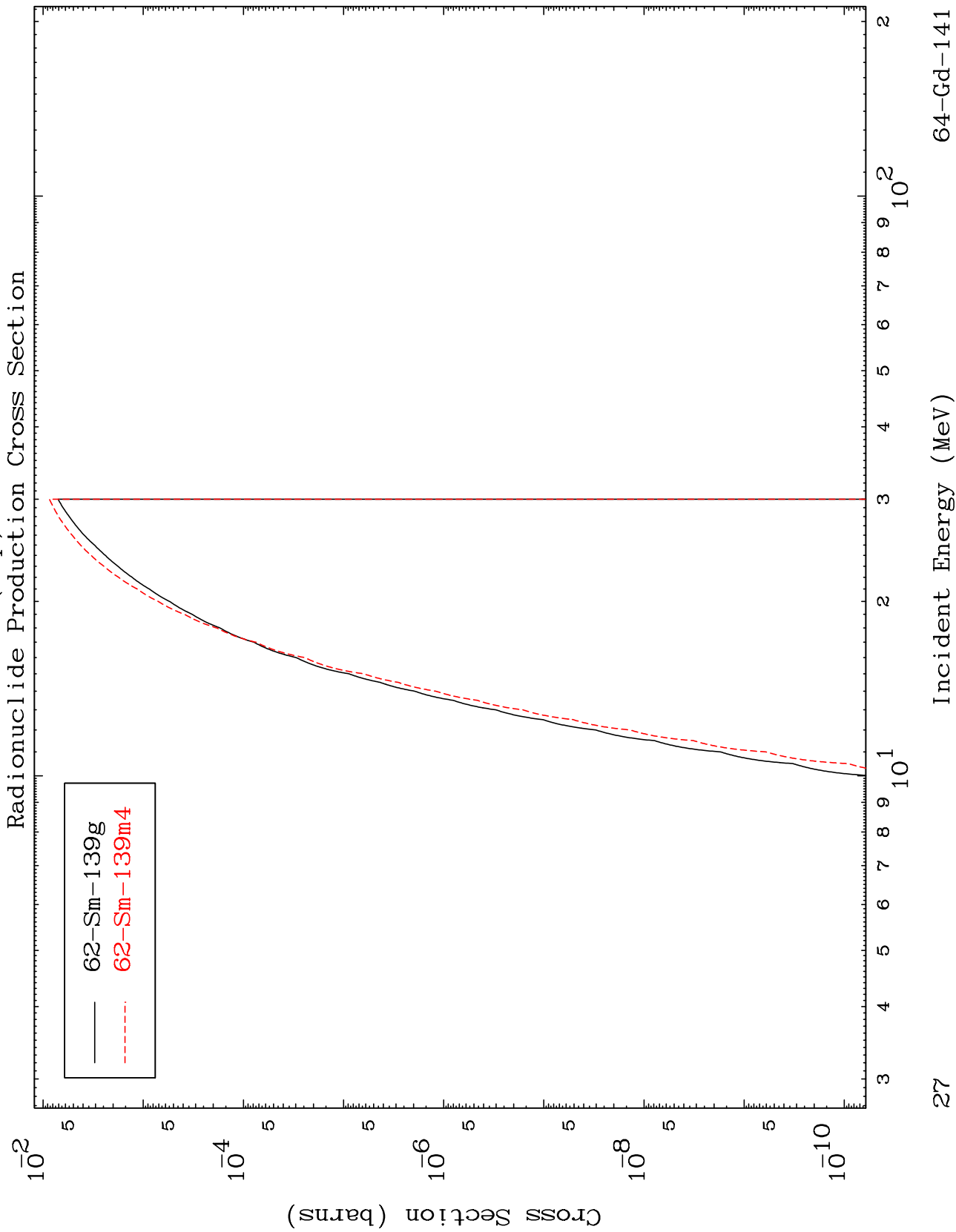
Incident Energy (MeV)

64-Gd-141

MAT 6393

(n,p) d

64-Gd-141

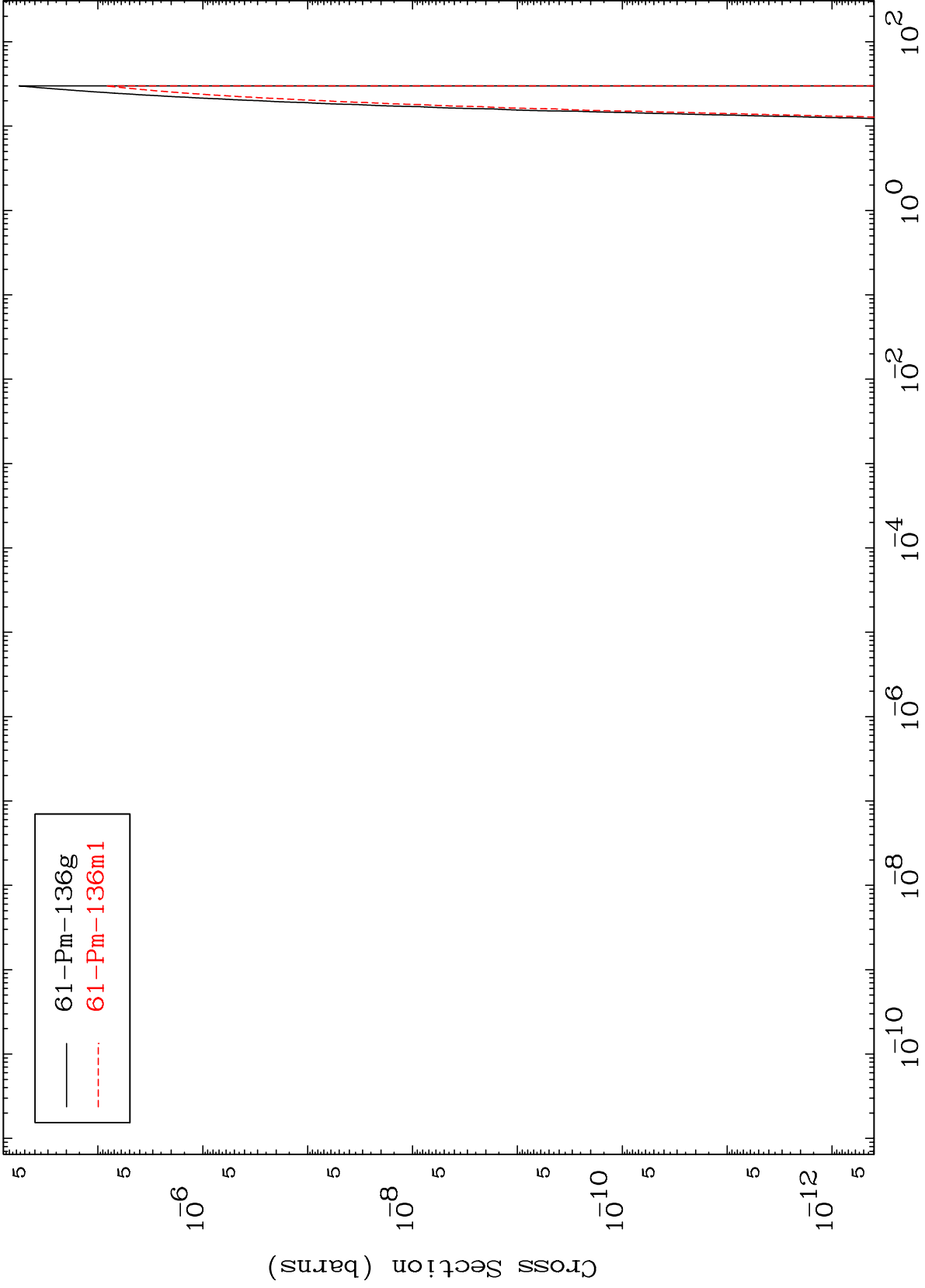


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(n,d)  $\alpha$

64-Gd-141

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1