

Program EVALPLOT  
(Version 2021-1)

by

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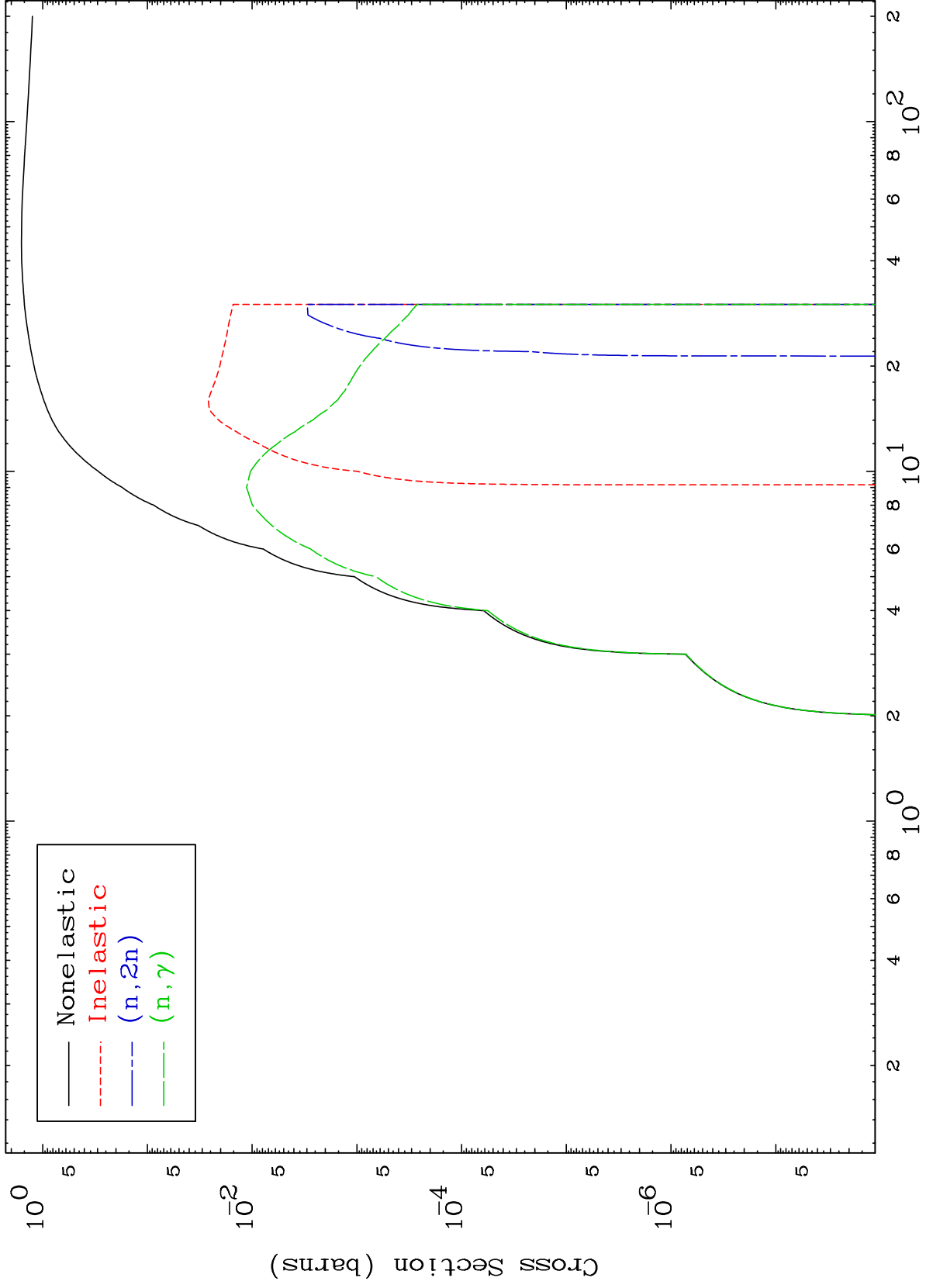
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

Proton Major  
0 Kelvin Cross Sections

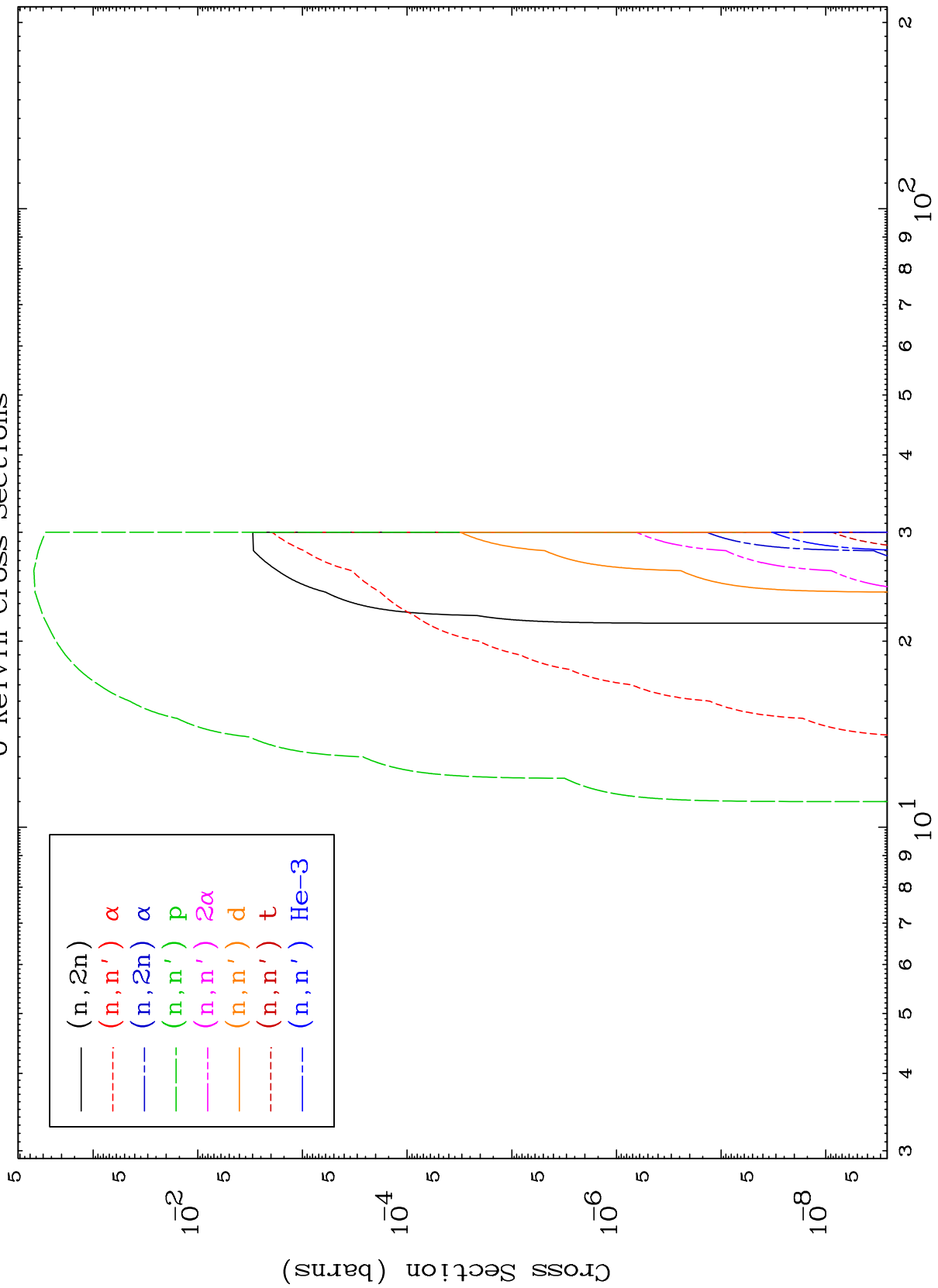
64-Gd-141m



MAT 6393

Proton Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-141m



64-Gd-141m

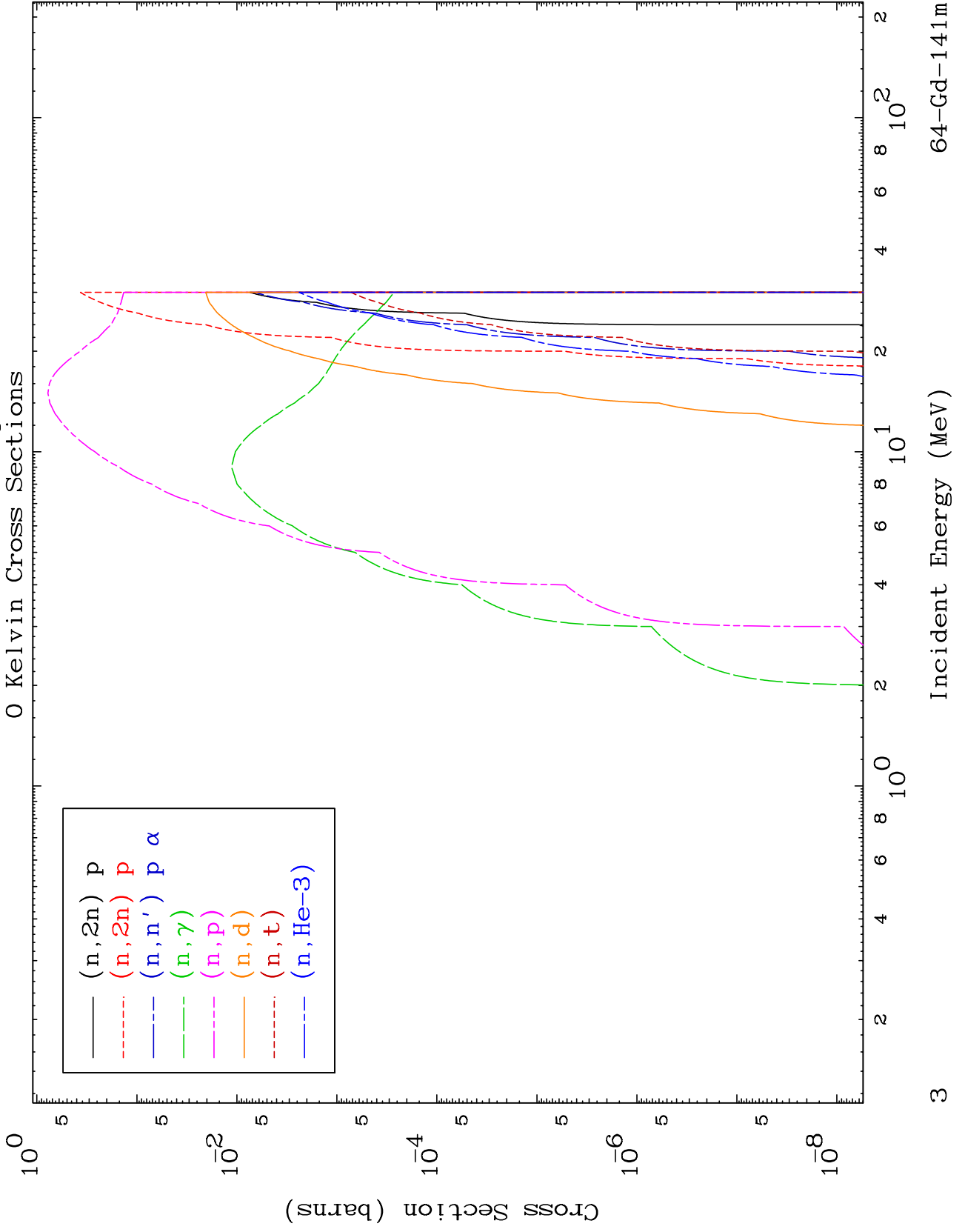
Incident Energy (MeV)

2

MAT 6393

Proton Neutron Absorption  
0 Kelvin Cross Sections

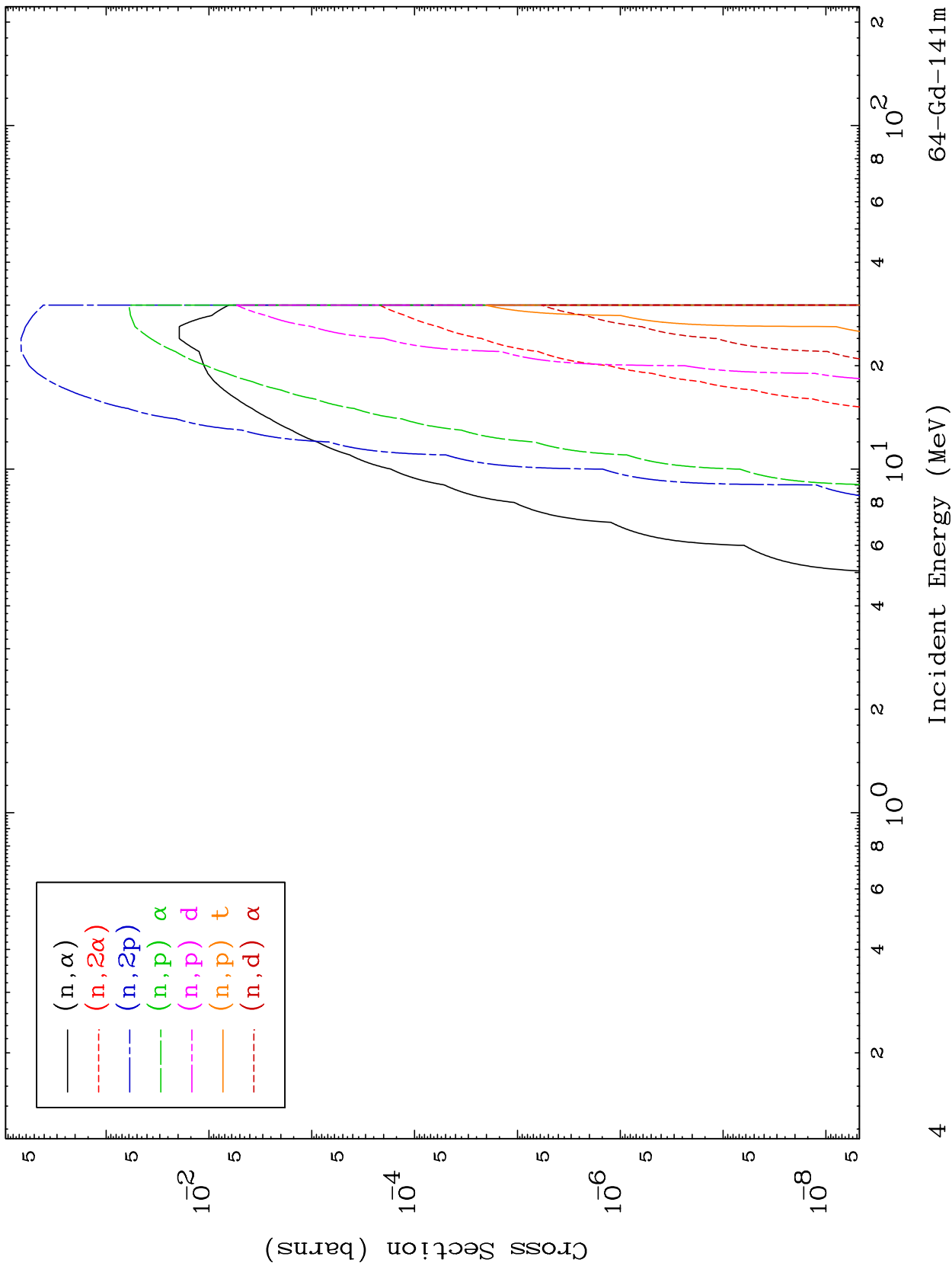
64-Gd-141m



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Proton Neutron Absorption  
0 Kelvin Cross Sections

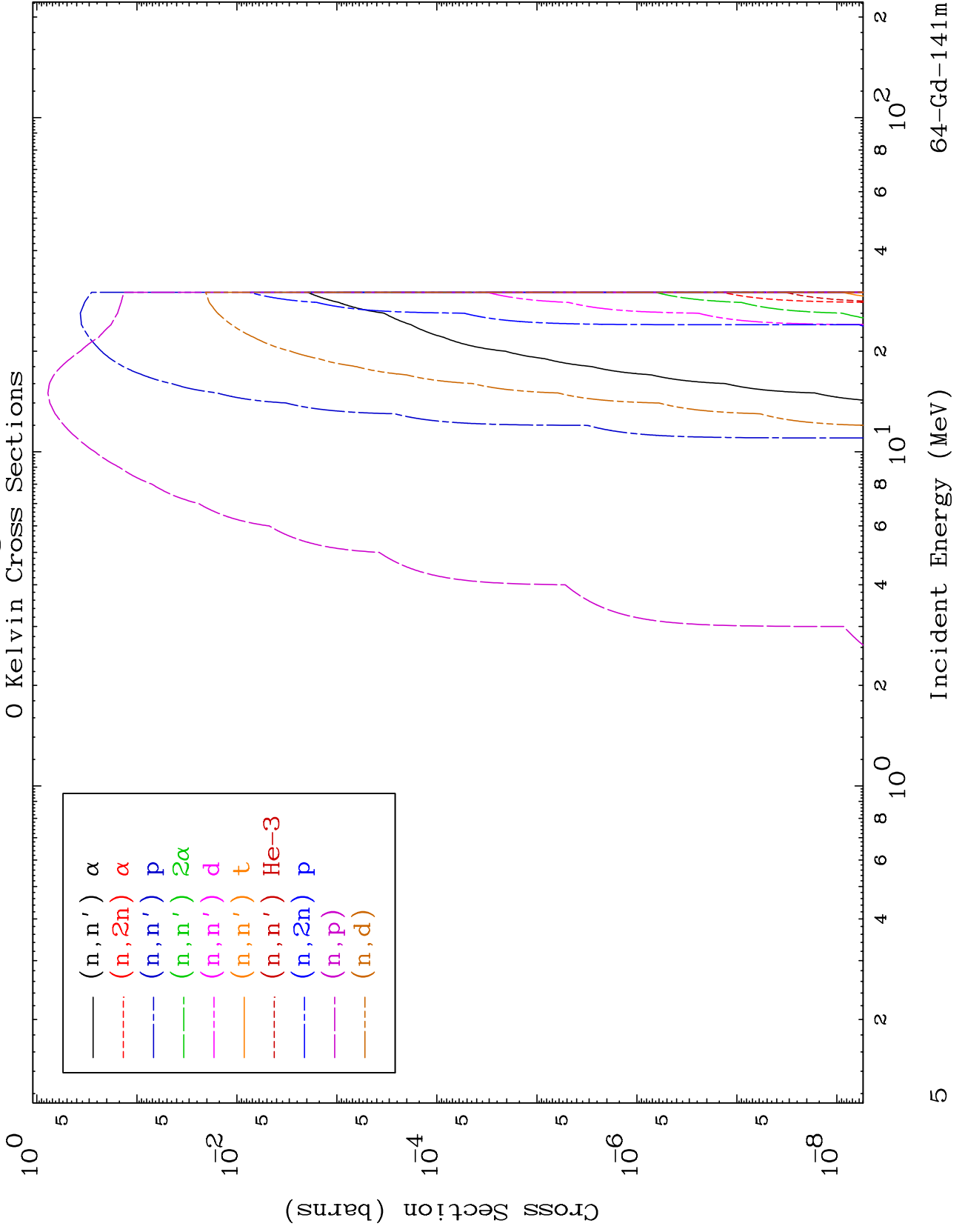
64-Gd-141m



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Proton Charged Particle  
0 Kelvin Cross Sections

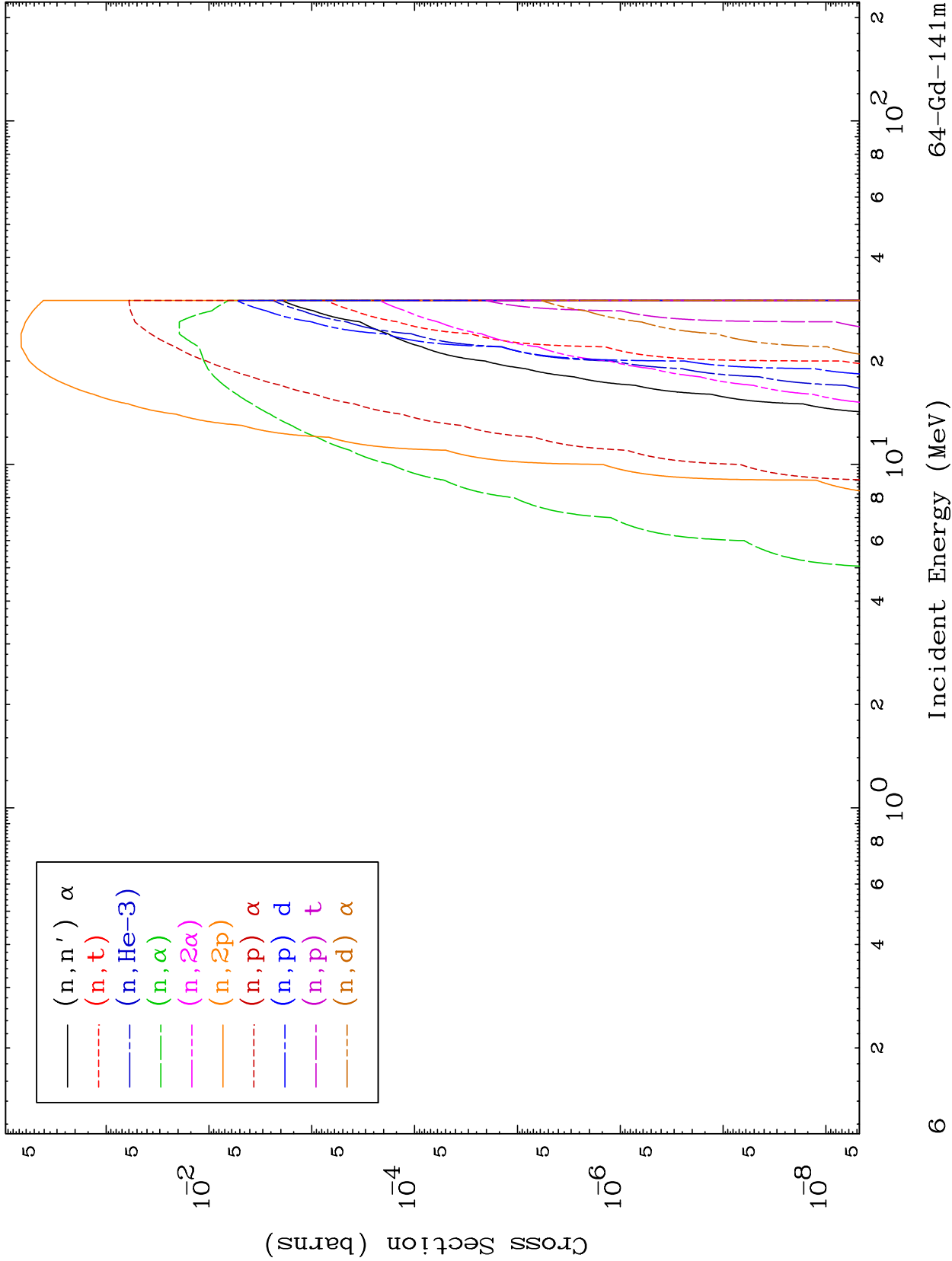
64-Gd-141m



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Proton Charged Particle  
0 Kelvin Cross Sections

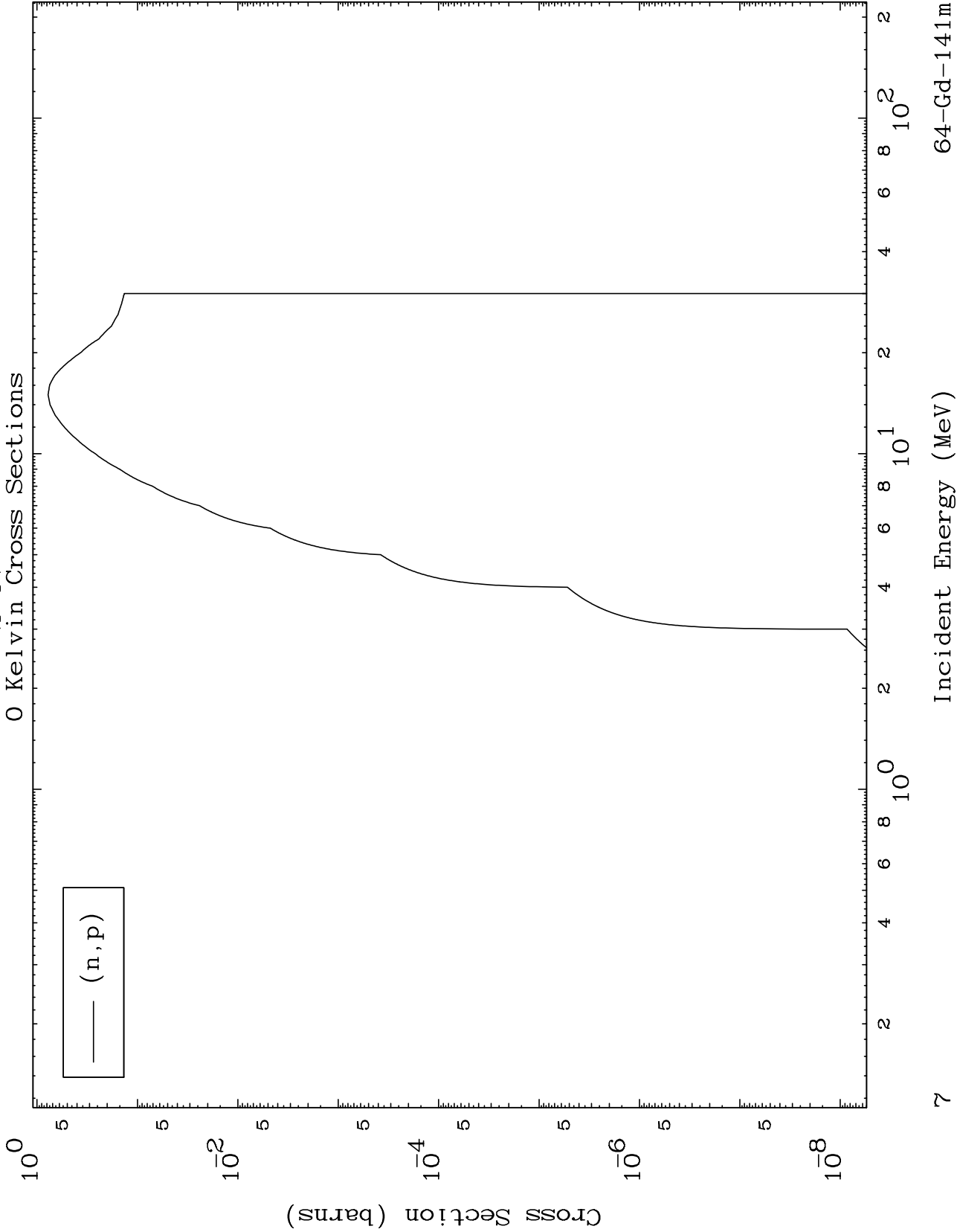
64-Gd-141m



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(p,p) Levels

64-Gd-141m

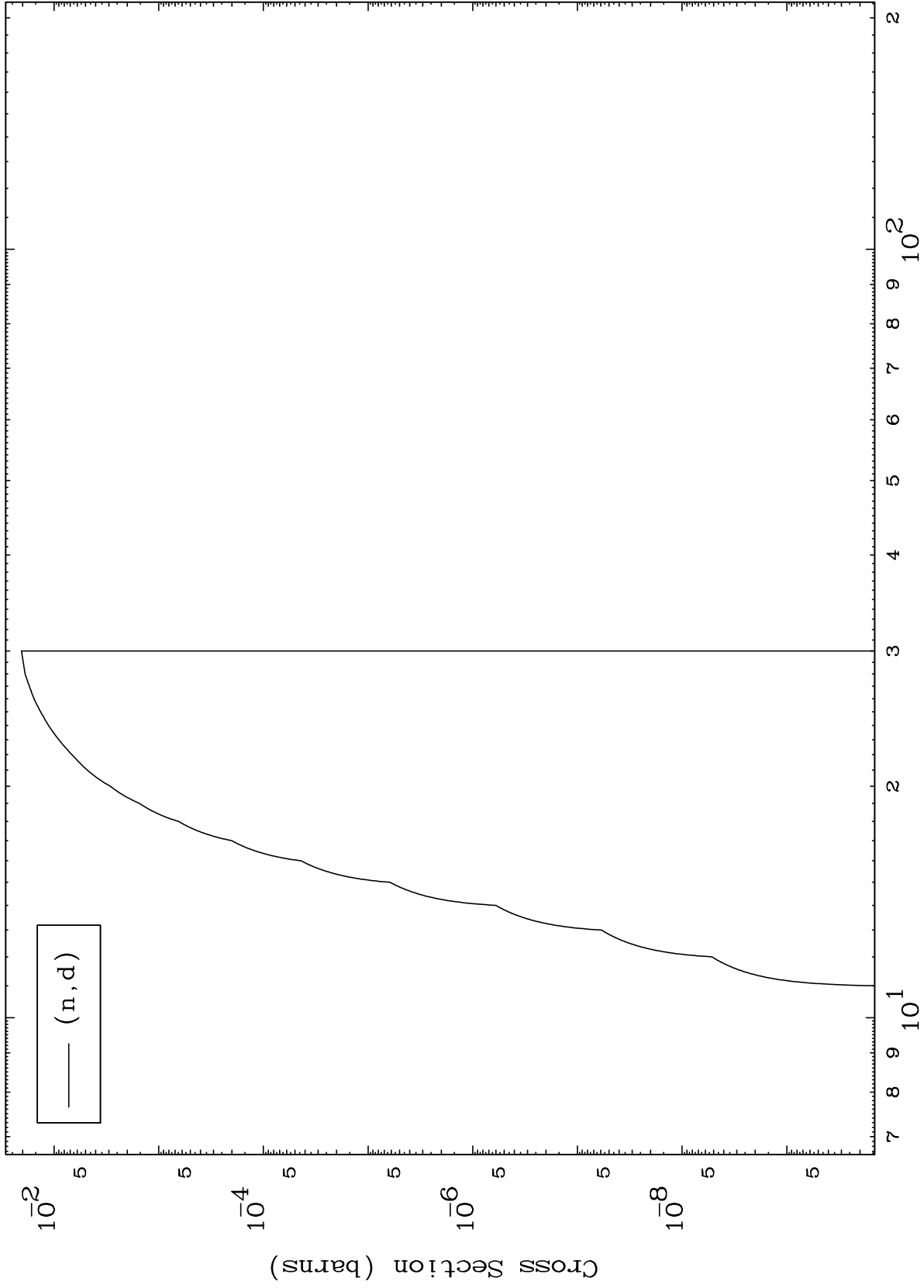




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(p,d) Levels  
0 Kelvin Cross Sections

64-Gd-141m



8

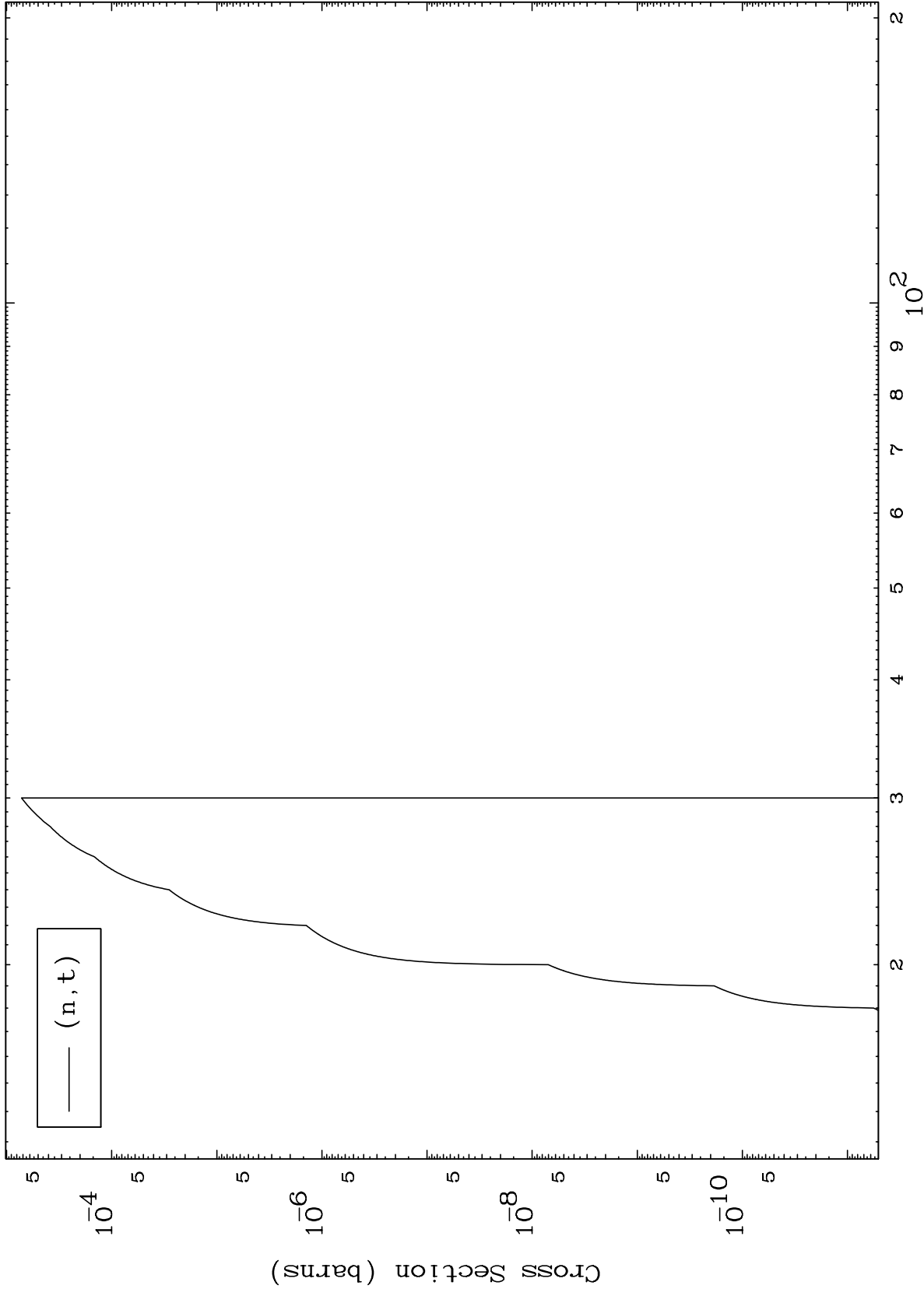
Incident Energy (MeV)

64-Gd-141m

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(p, t) Levels  
0 Kelvin Cross Sections

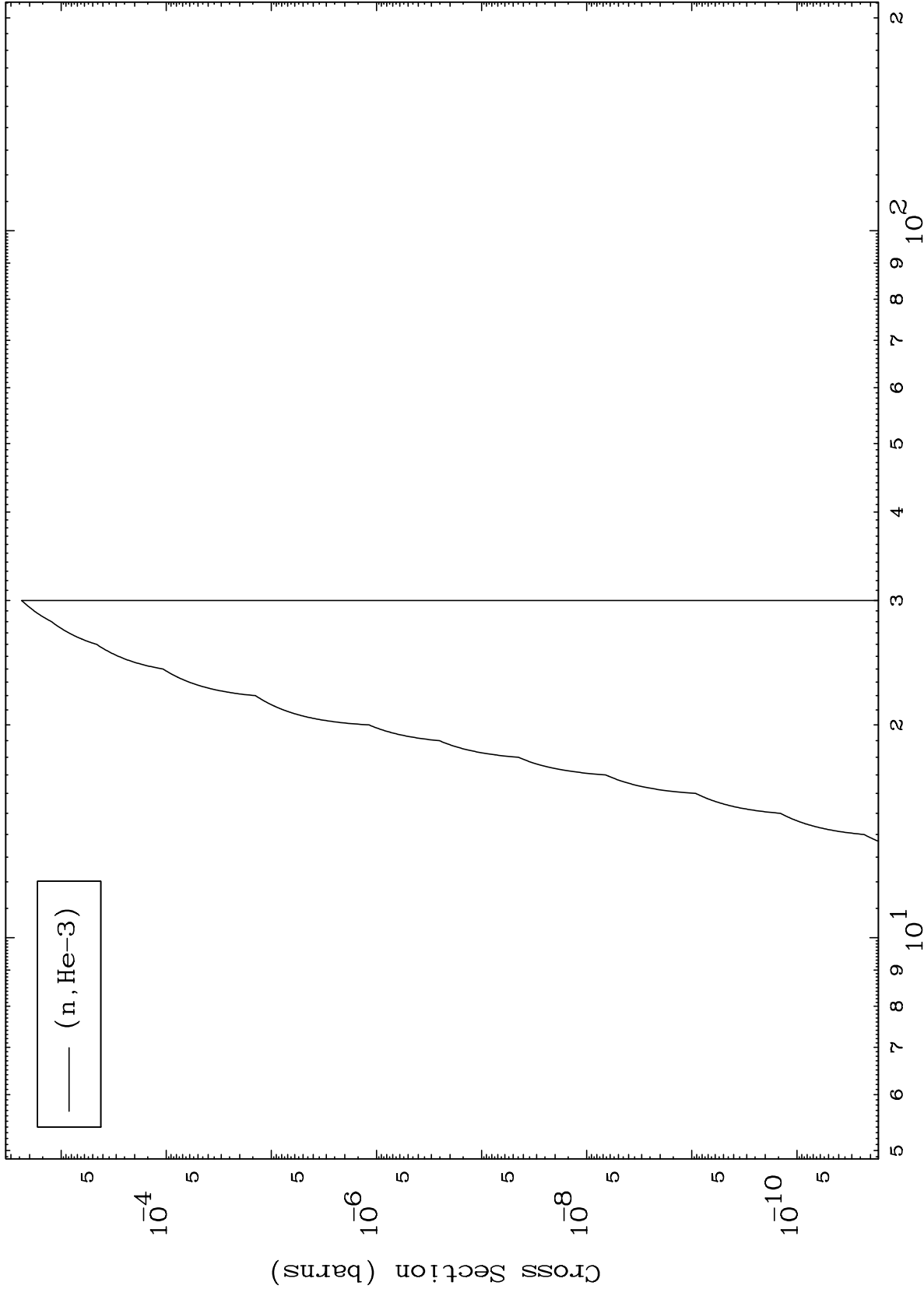
64-Gd-141m



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(p,He3) Levels  
0 Kelvin Cross Sections

64-Gd-141m



10

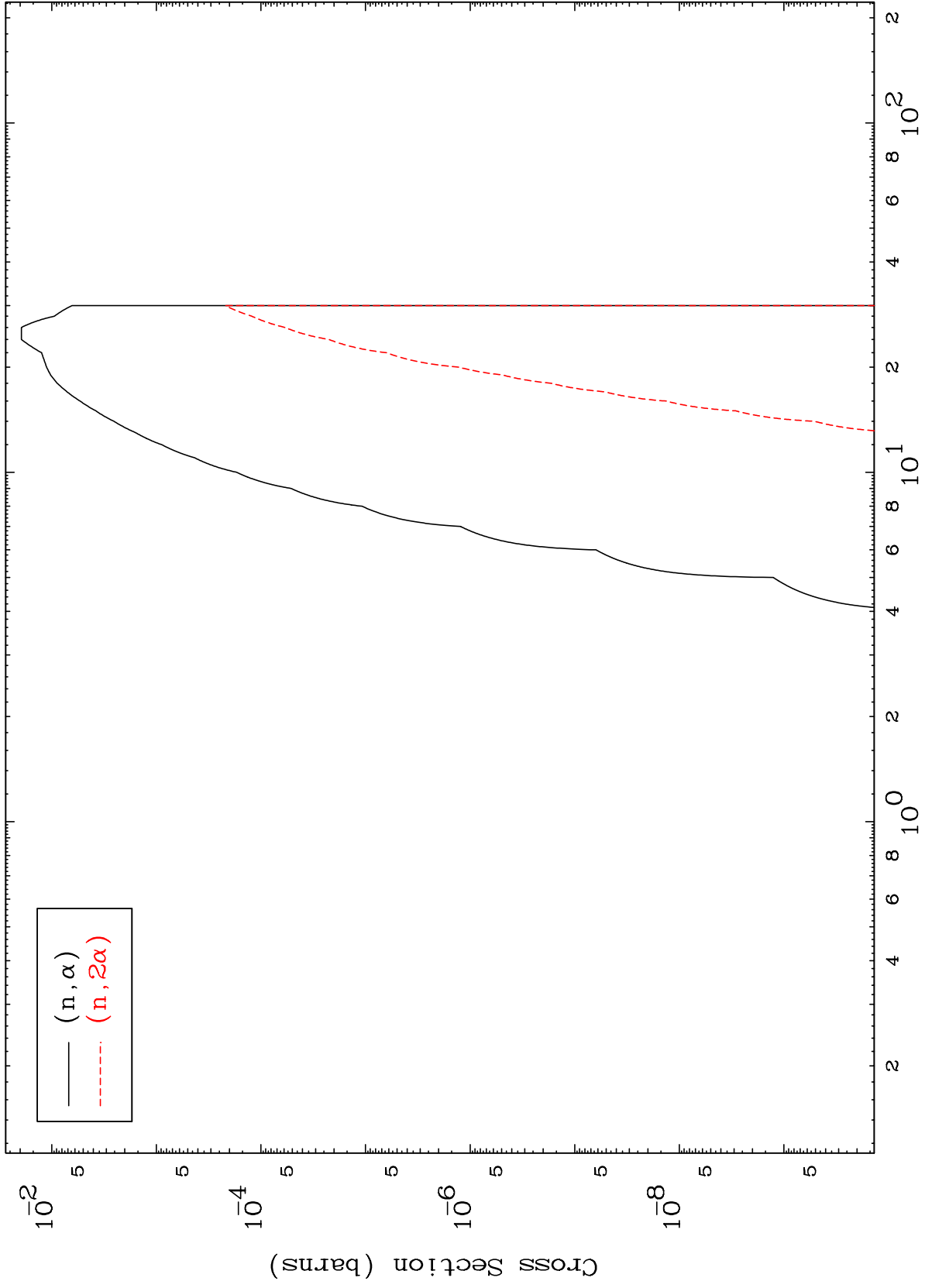
Incident Energy (MeV)

64-Gd-141m

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

64-Gd-141m

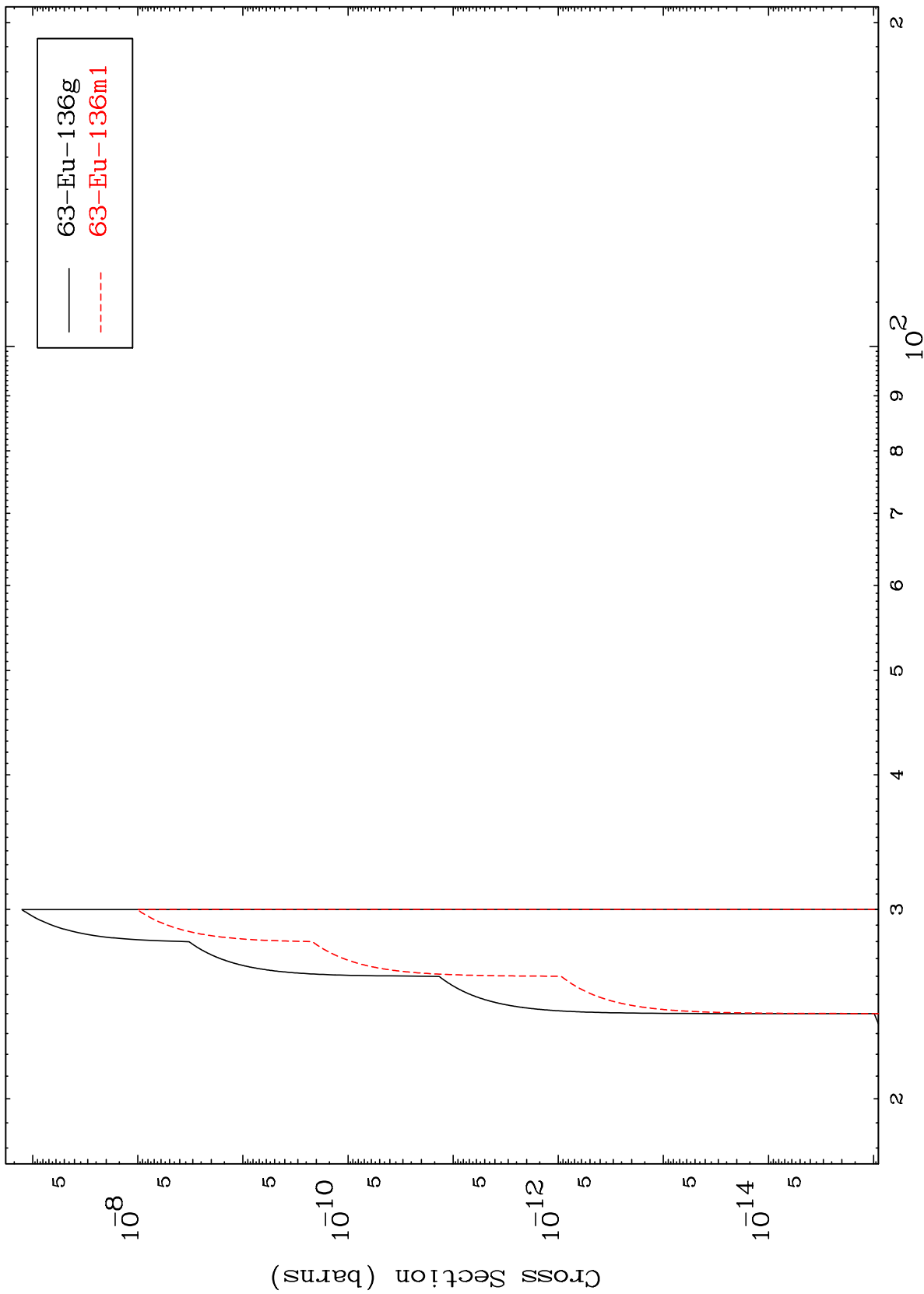


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$(n,2n) \alpha$

64-Gd-141m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

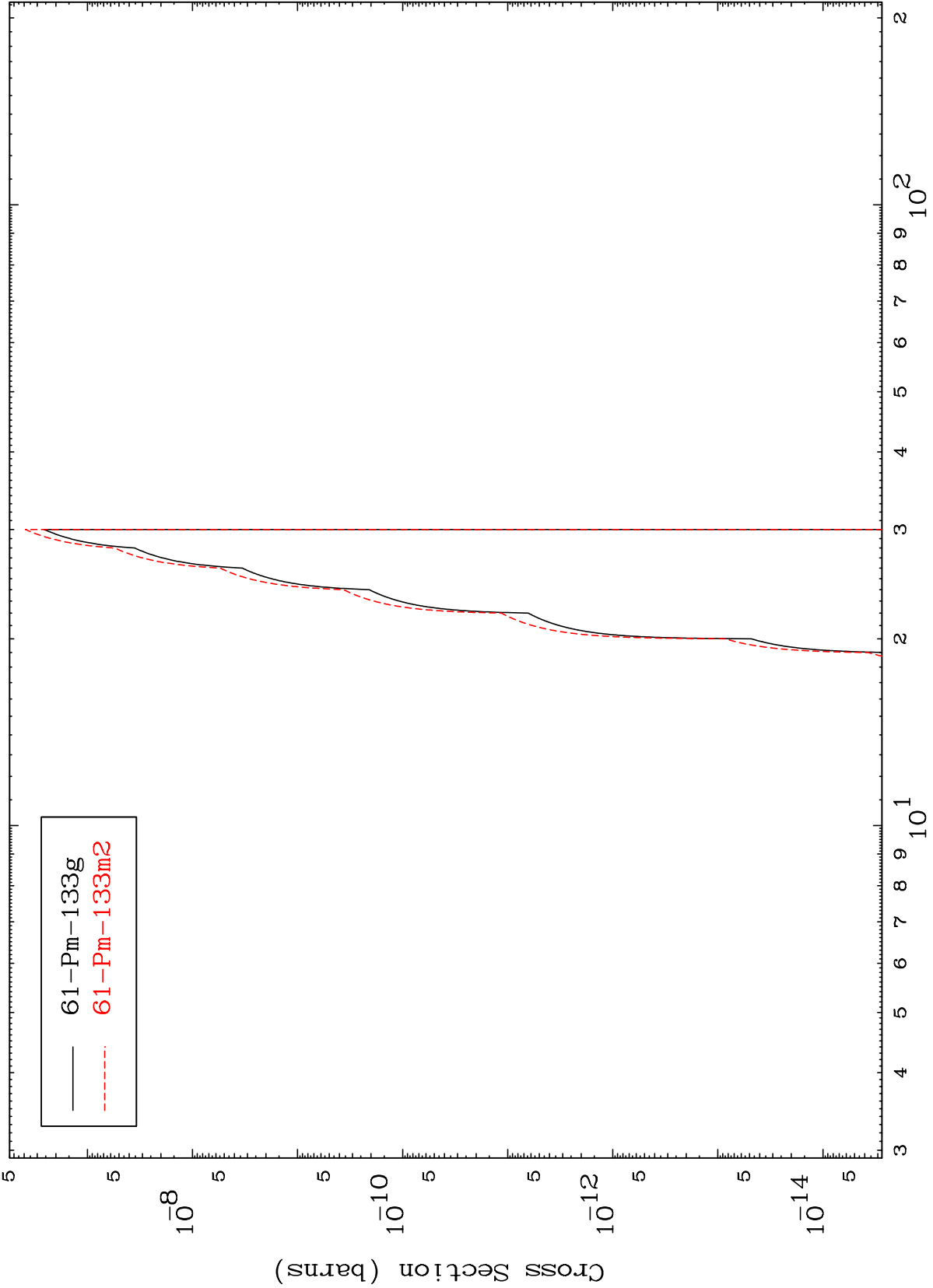
64-Gd-141m

MAT 6393

(n,n') 2α

64-Gd-141m

Radionuclide Production Cross Section



61-Pm-133g  
61-Pm-133m2

13

Incident Energy (MeV)

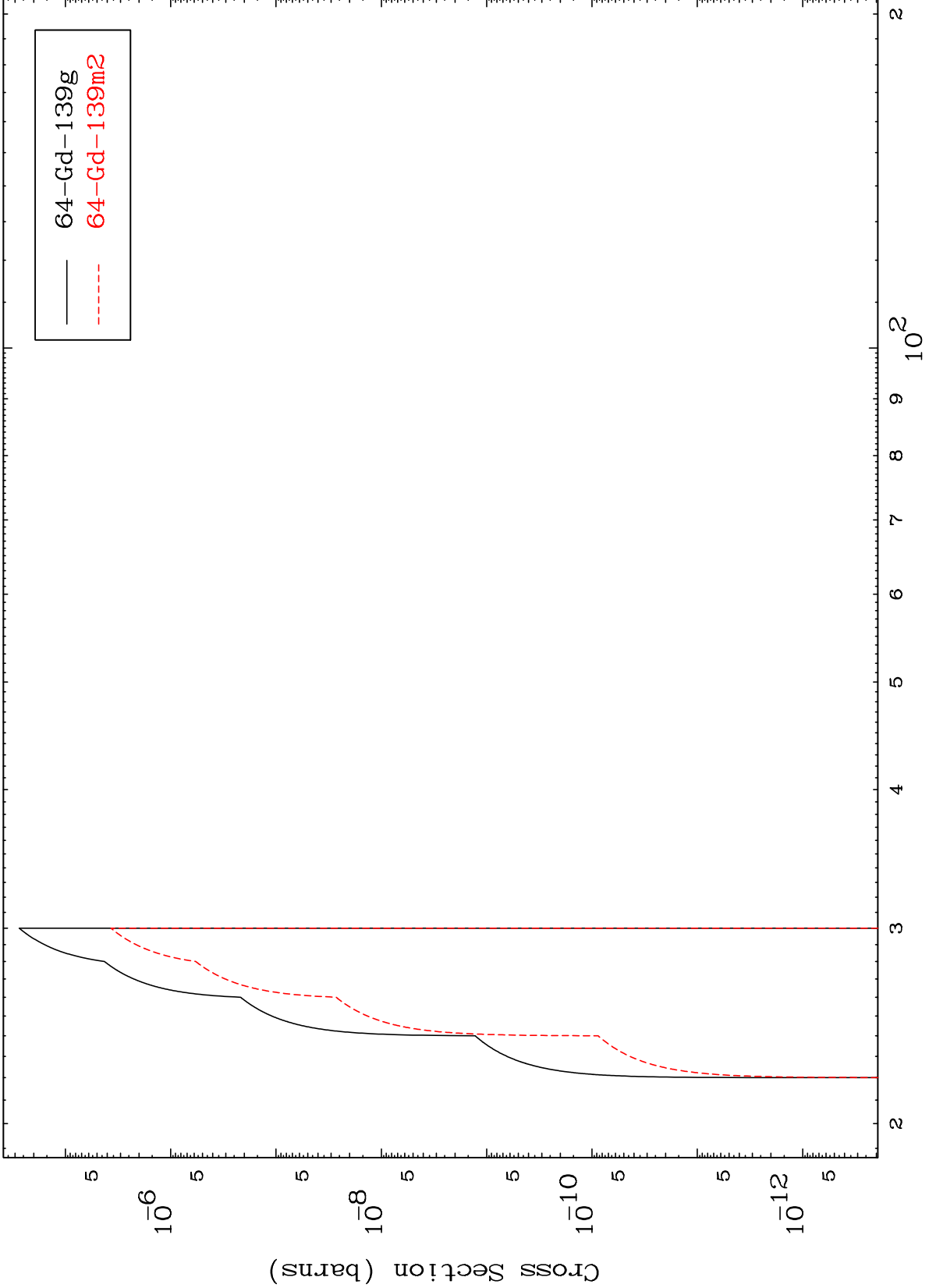
64-Gd-141m

MAT 6393

(n,n') d

64-Gd-141m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

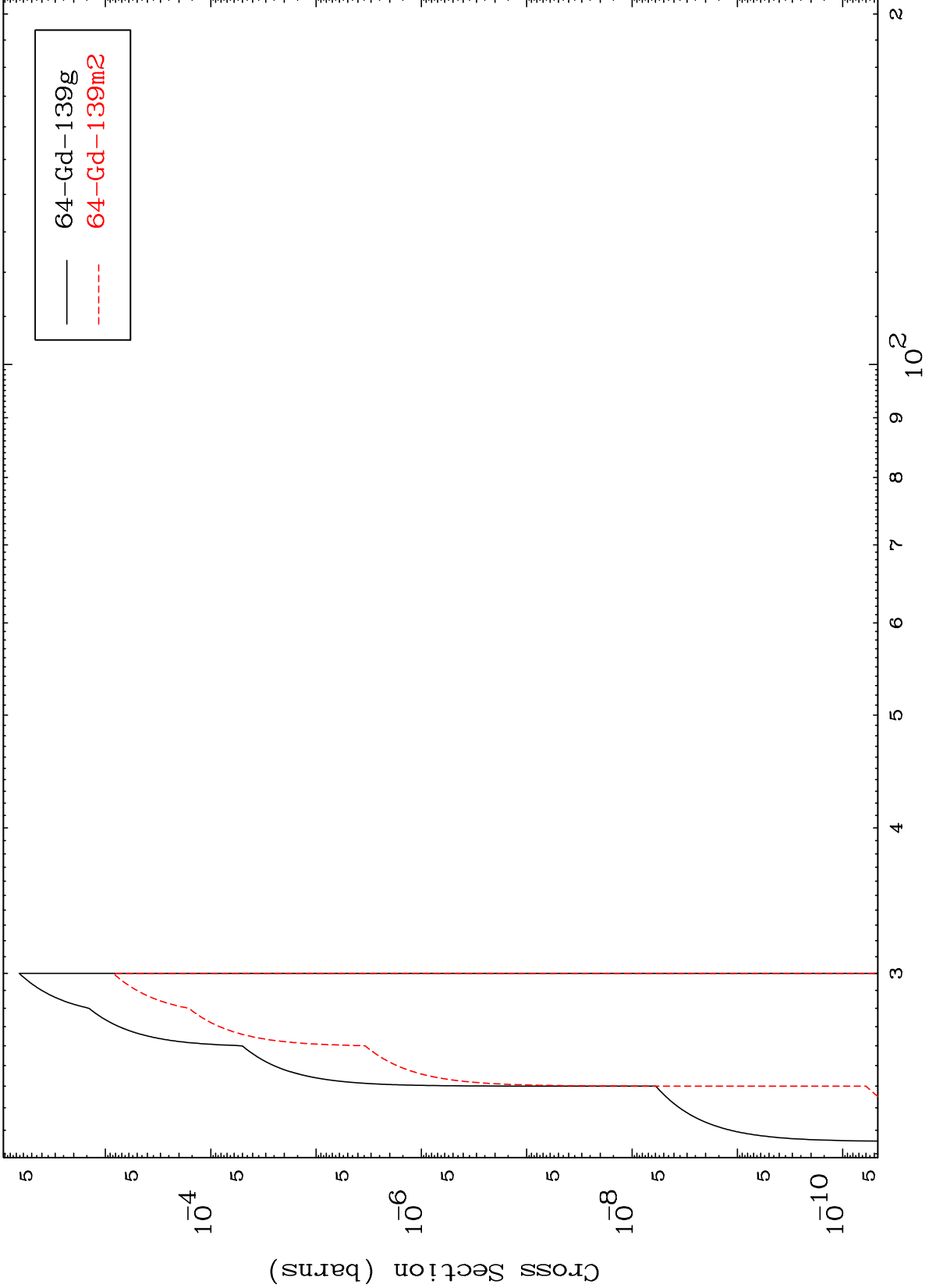
64-Gd-141m

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(n,2n) p

64-Gd-141m

Radionuclide Production Cross Section



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

15

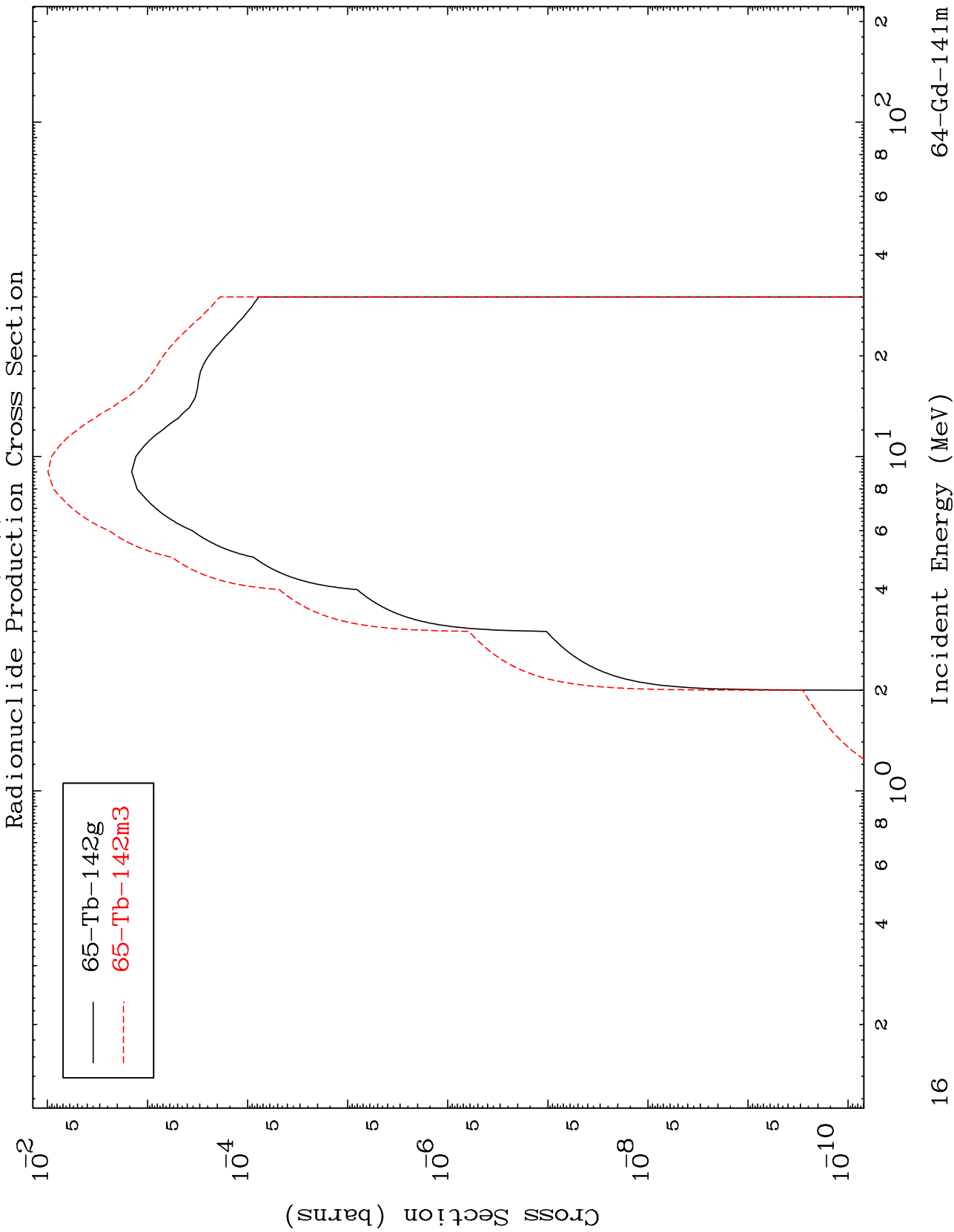
Incident Energy (MeV)

64-Gd-141m



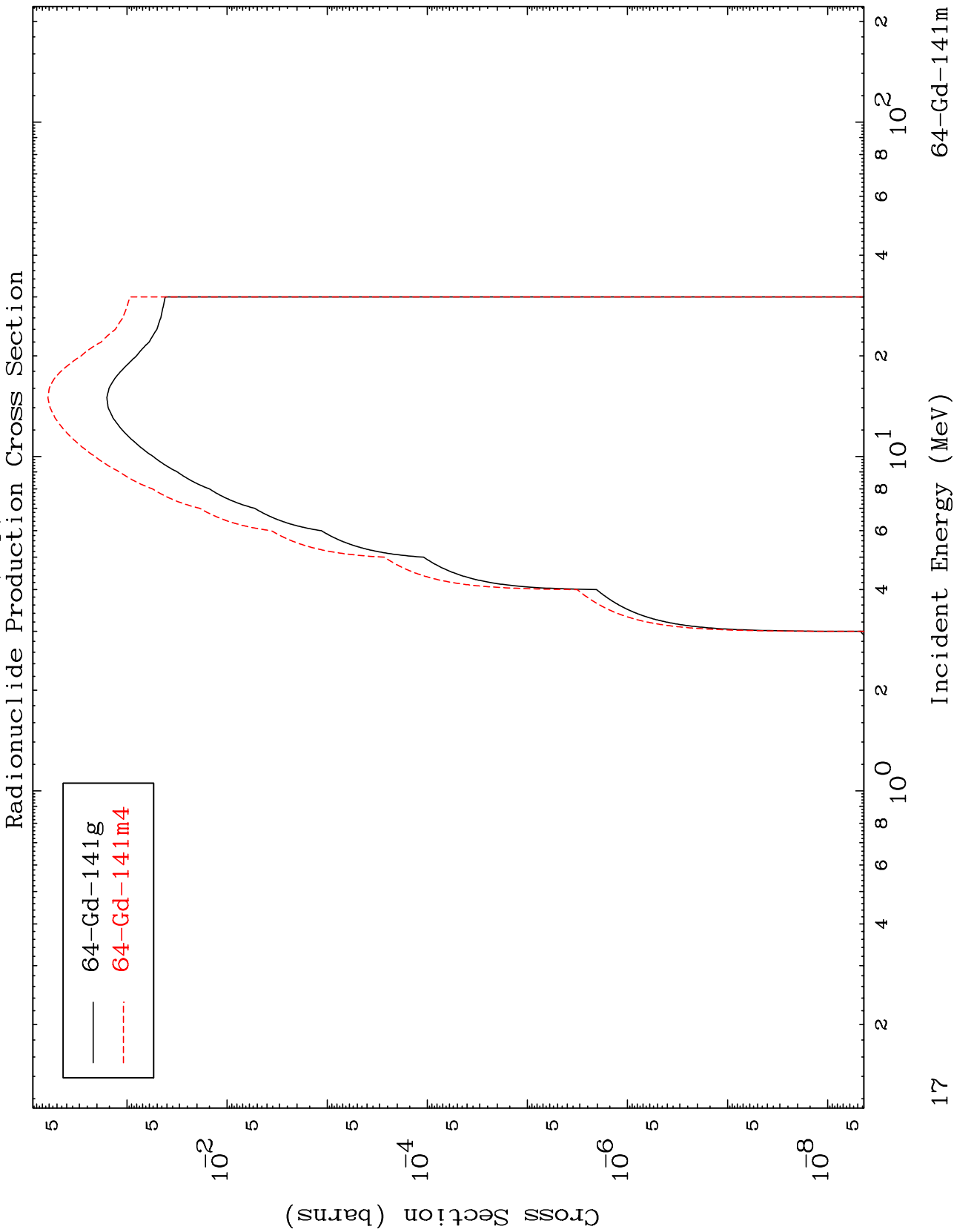
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64-Gd-141m



MAT 6393

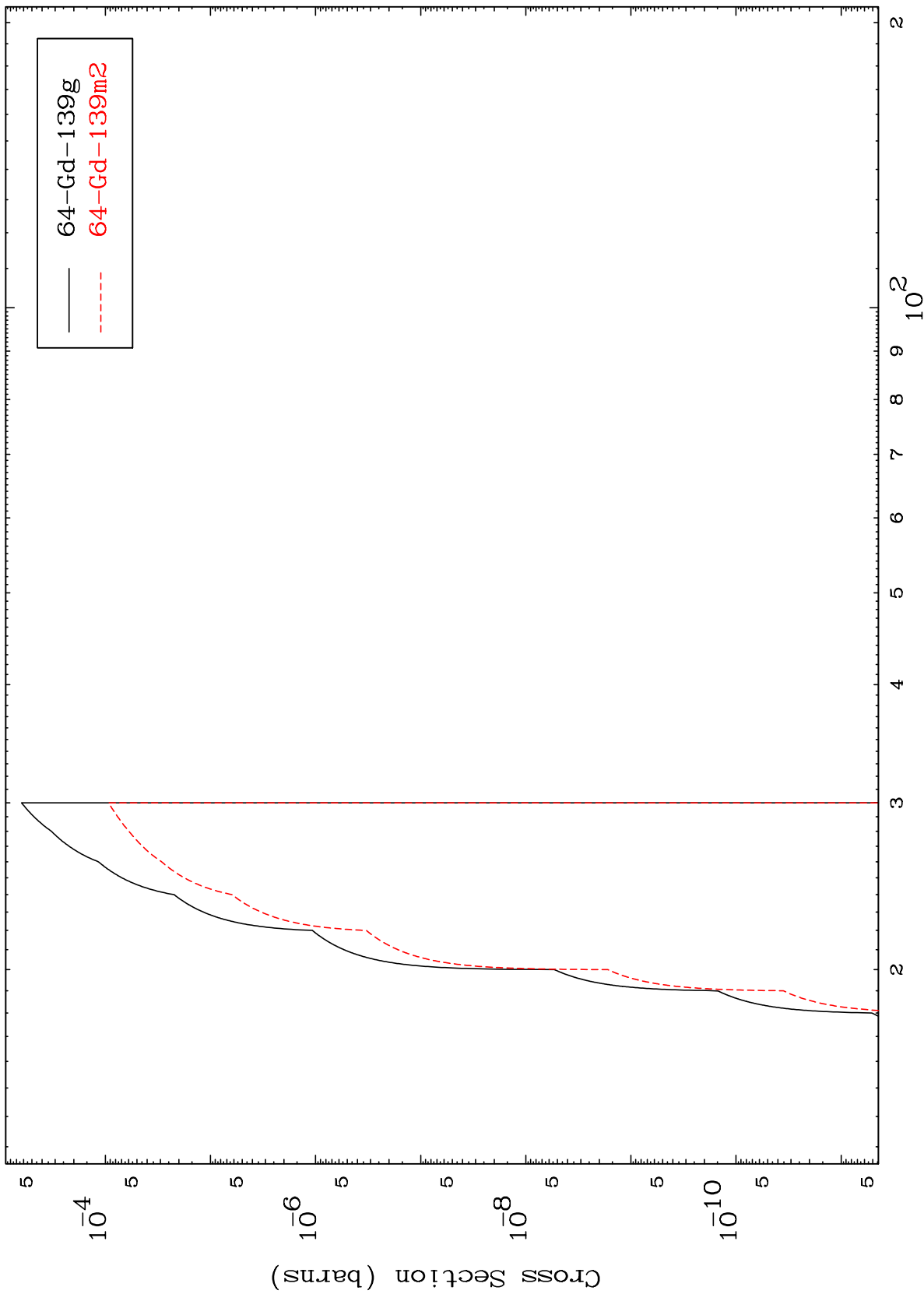
64-Gd-141m



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64-Gd-141m

(n,t)  
Radionuclide Production Cross Section



18

64-Gd-141m

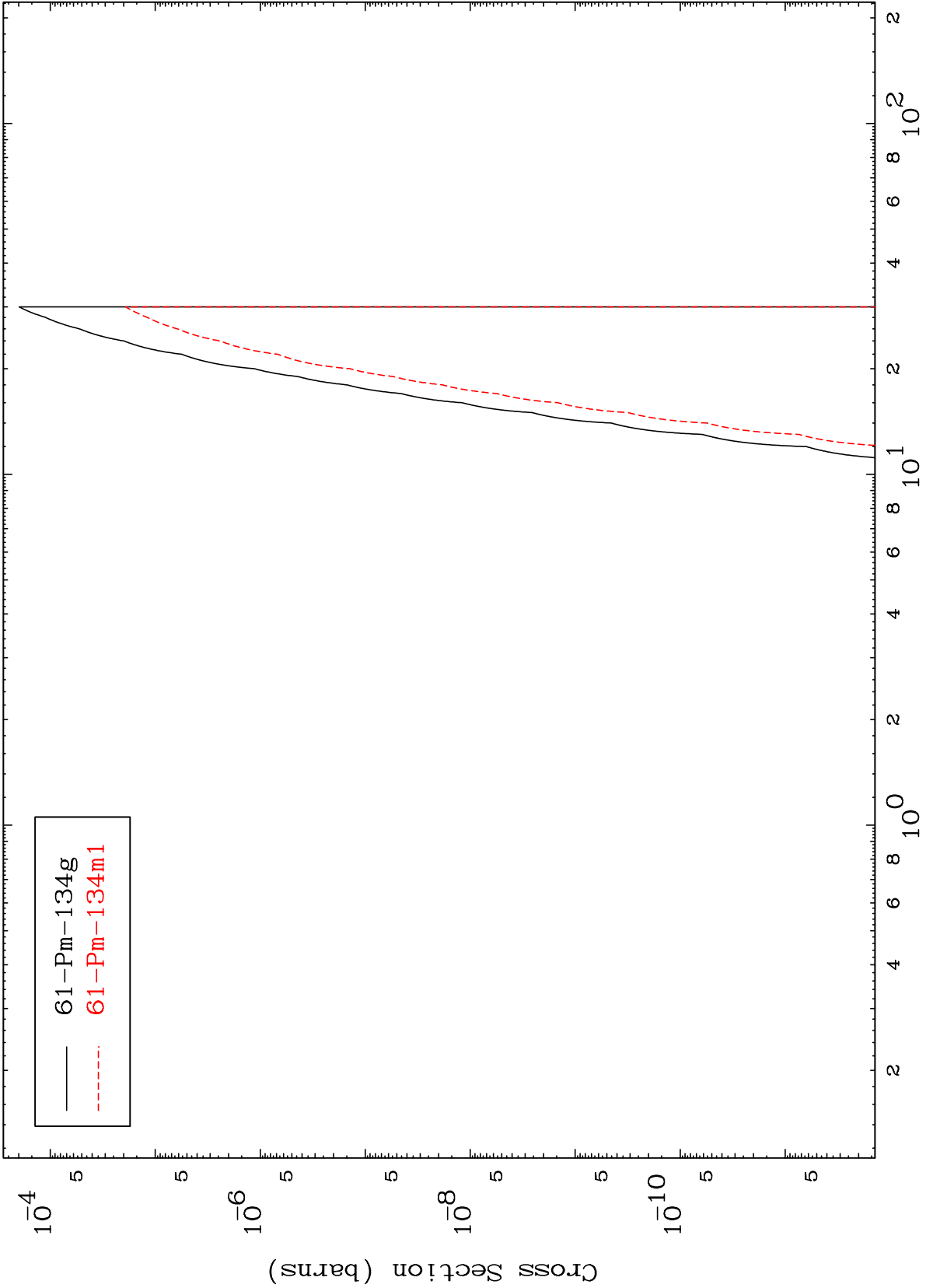
Incident Energy (MeV)

MAT 6393

(n,2α)

64-Gd-141m

Radionuclide Production Cross Section



61-Pm-134g  
61-Pm-134m1