

Program EVALPLOT  
(Version 2021-1)

by

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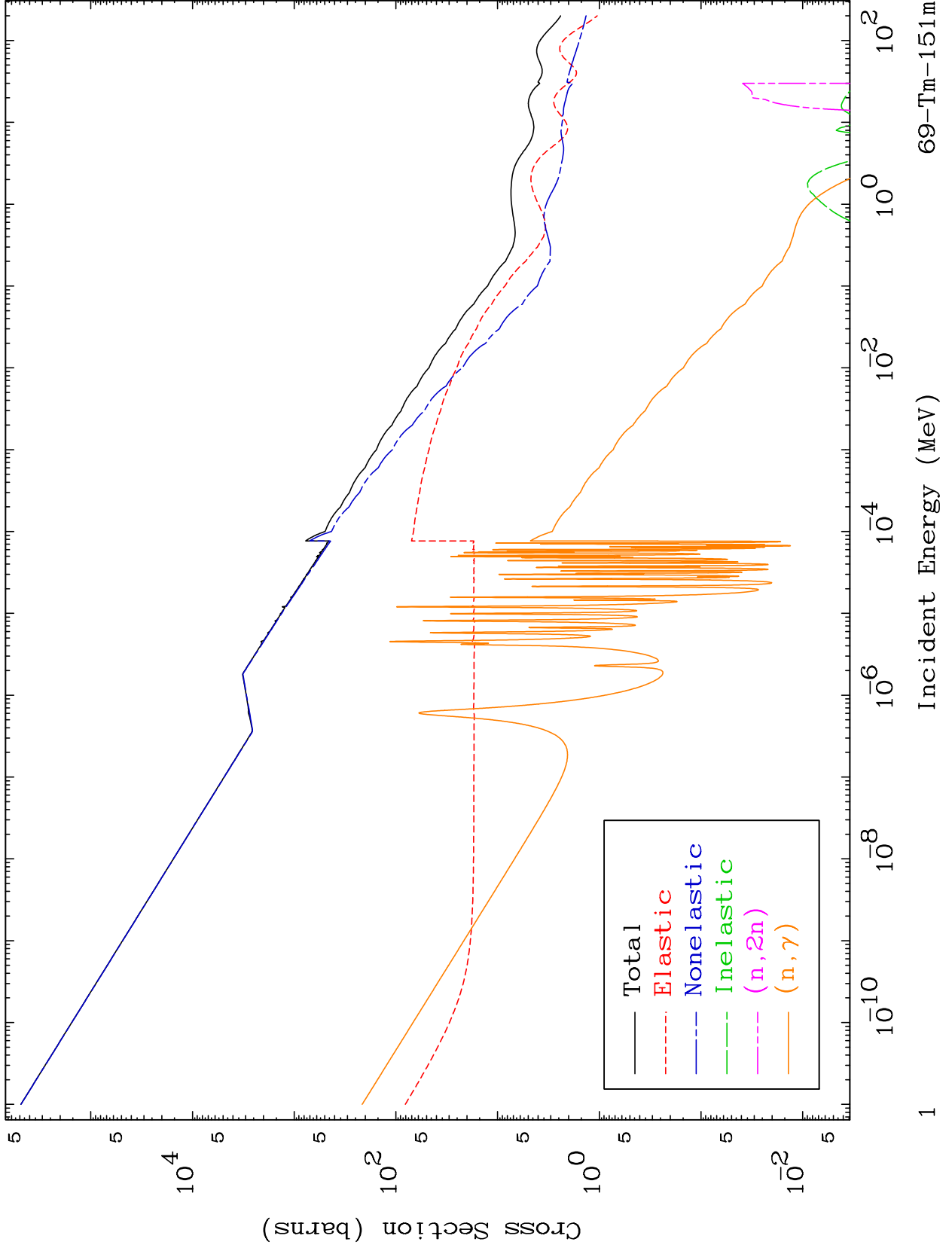
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Press Mouse Button to Start

MAT 6872

Neutron Major  
293 Kelvin Cross Sections

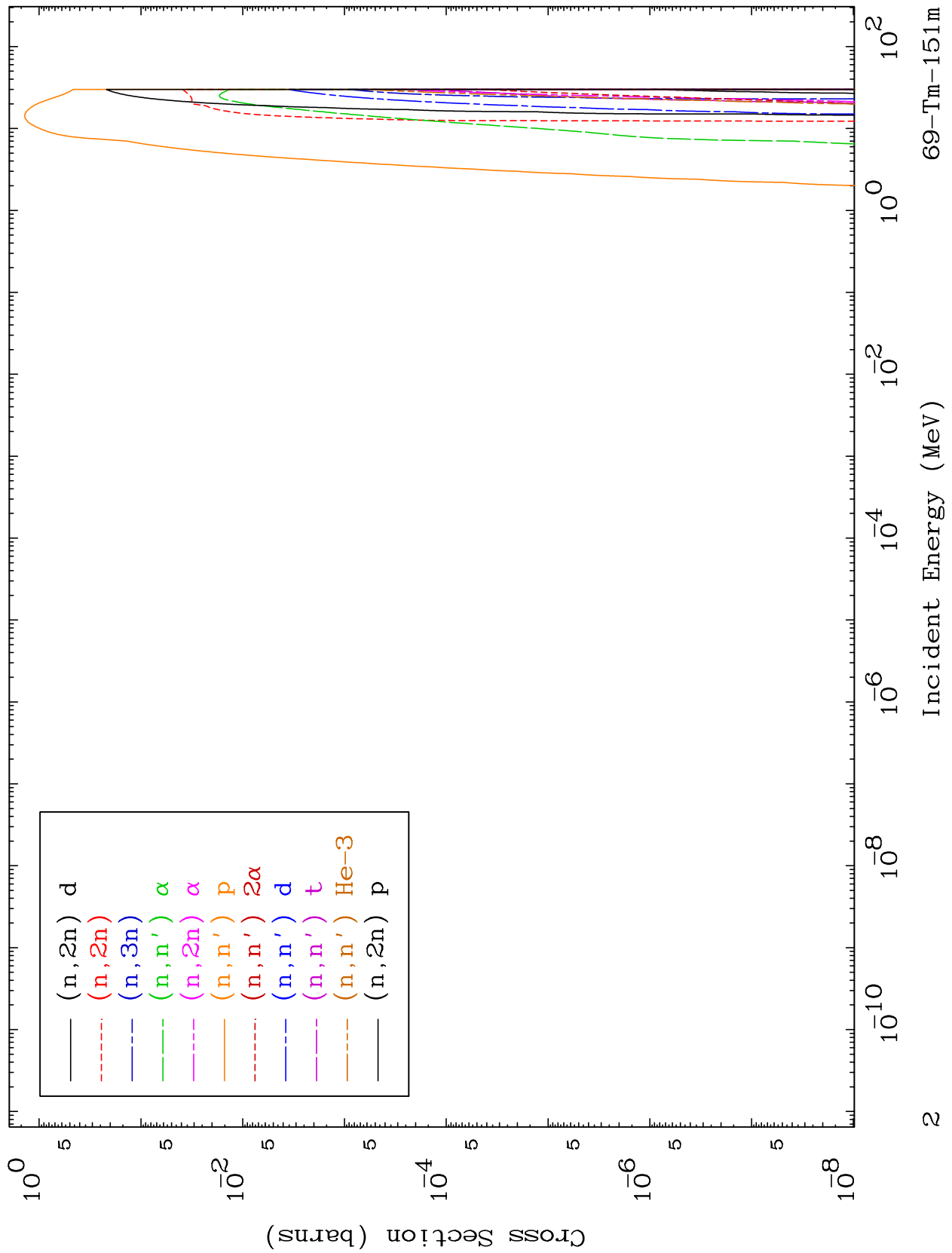
69-Tm-151m



MAT 6872

Neutron Absorption  
293 Kelvin Cross Sections

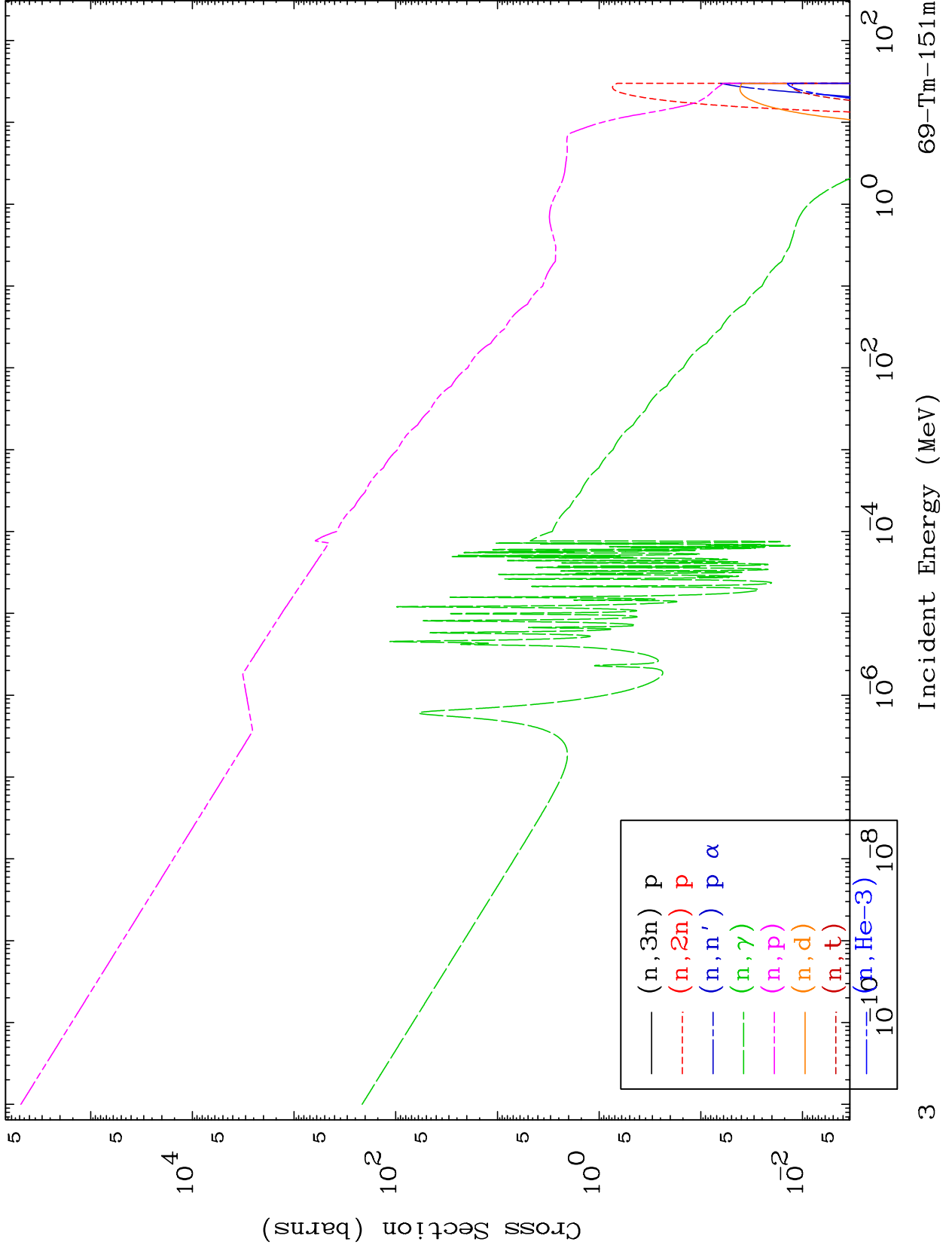
69-Tm-151m



MAT 6872

Neutron Absorption  
293 Kelvin Cross Sections

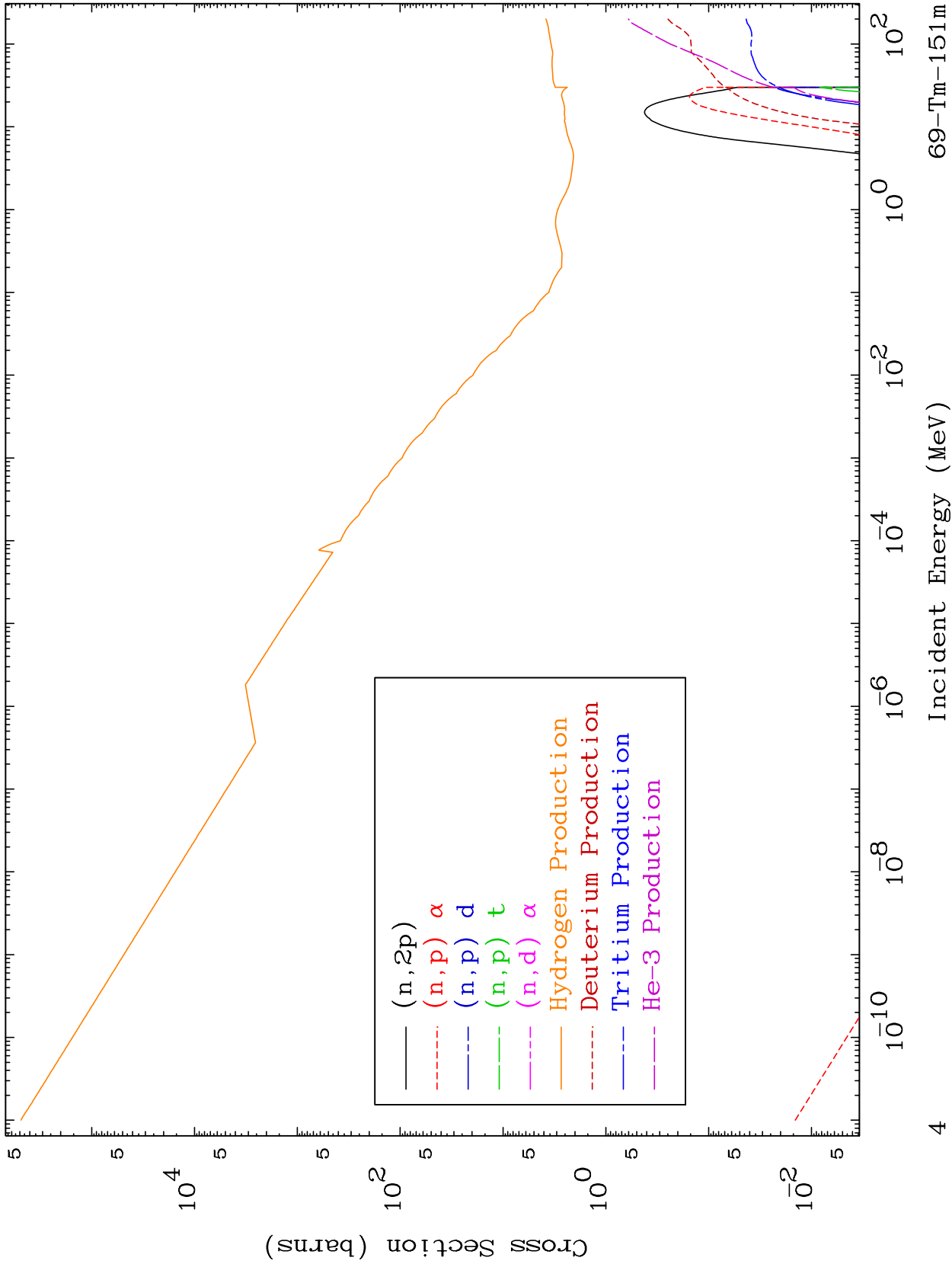
69-Tm-151m



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Neutron Absorption  
293 Kelvin Cross Sections

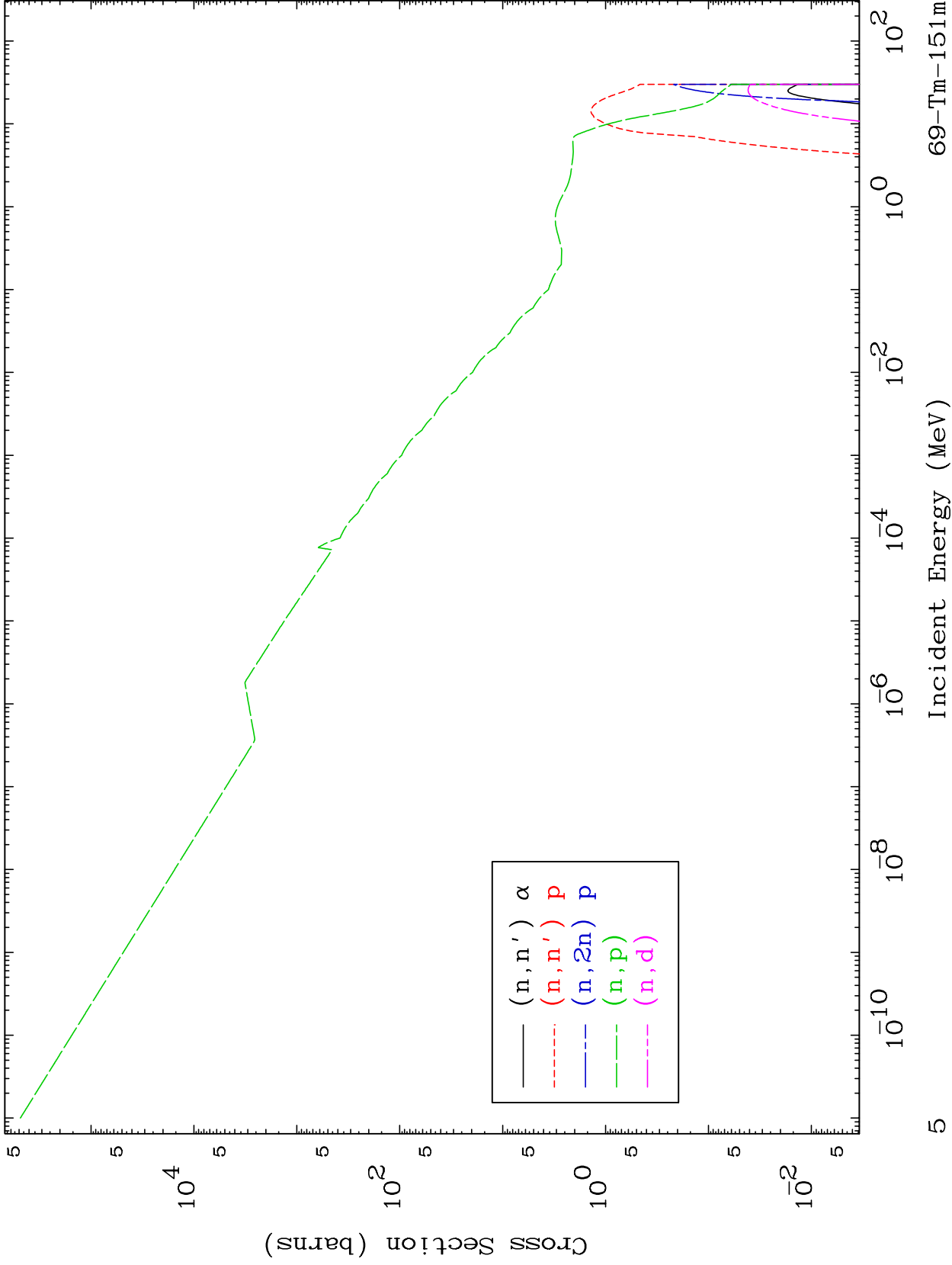
69-Tm-151m



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Charged Particle  
293 Kelvin Cross Sections

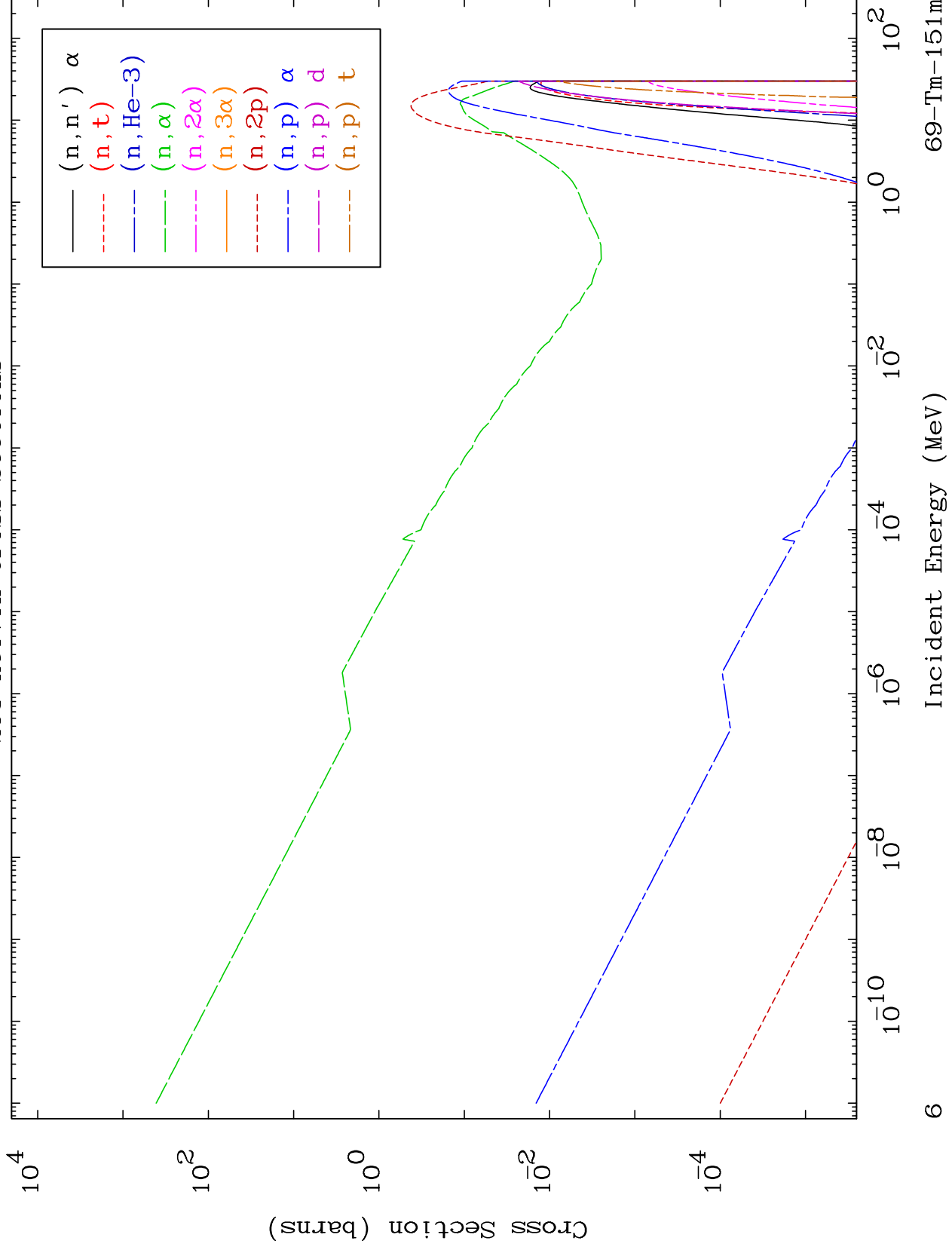
69-Tm-151m



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Charged Particle  
293 Kelvin Cross Sections

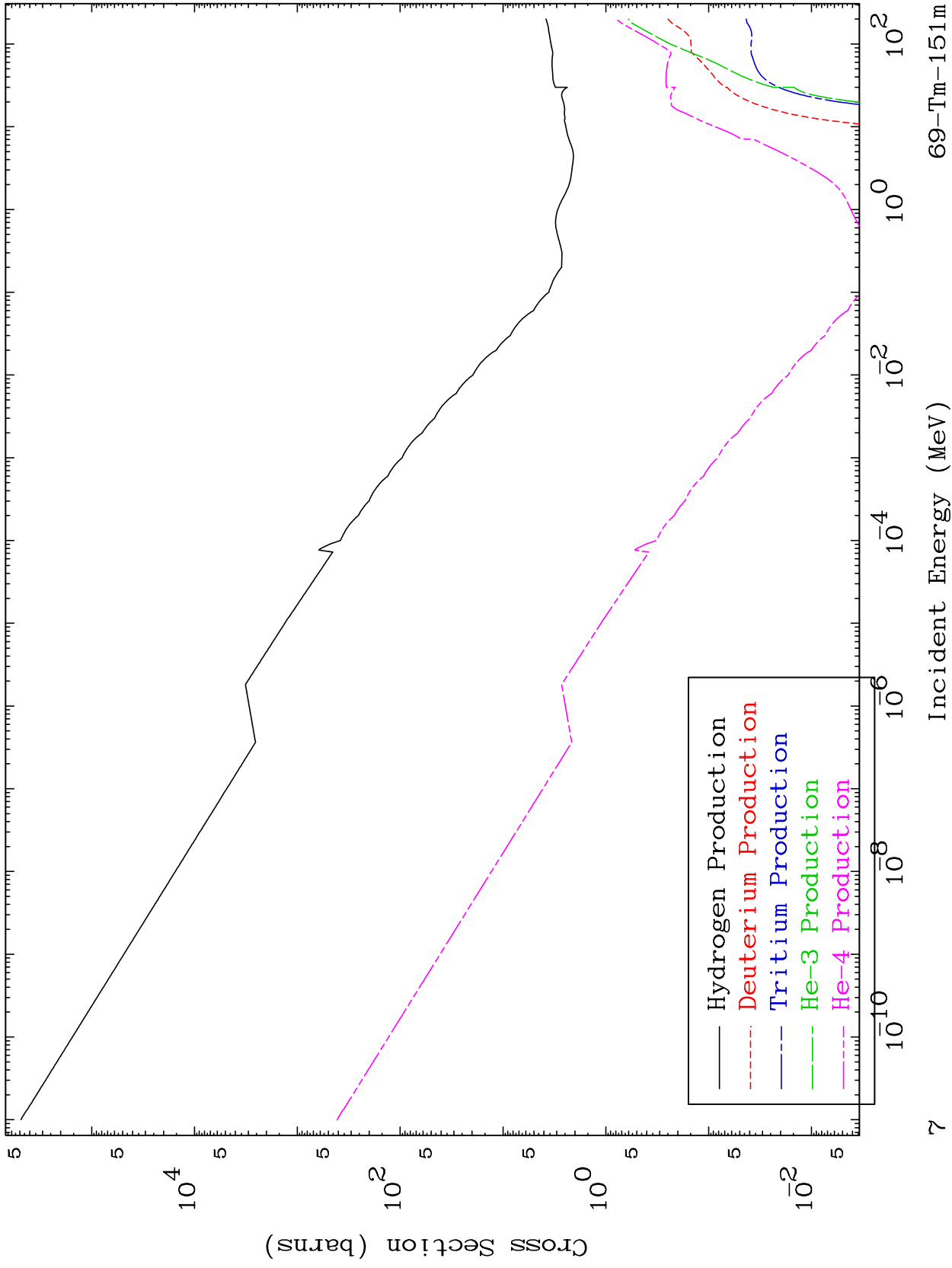
69-Tm-151m



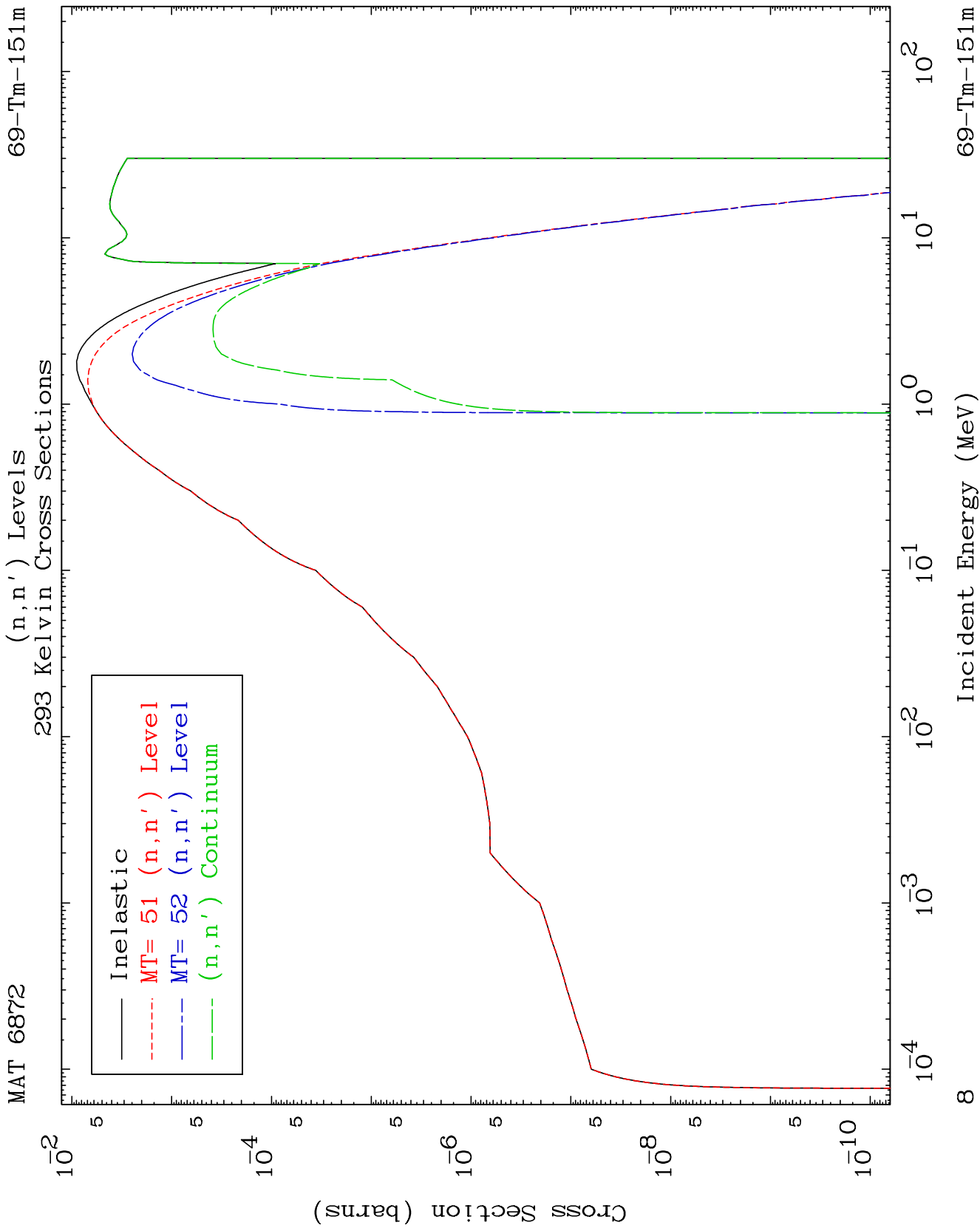
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Particle Production  
293 Kelvin Cross Sections

69-Tm-151m



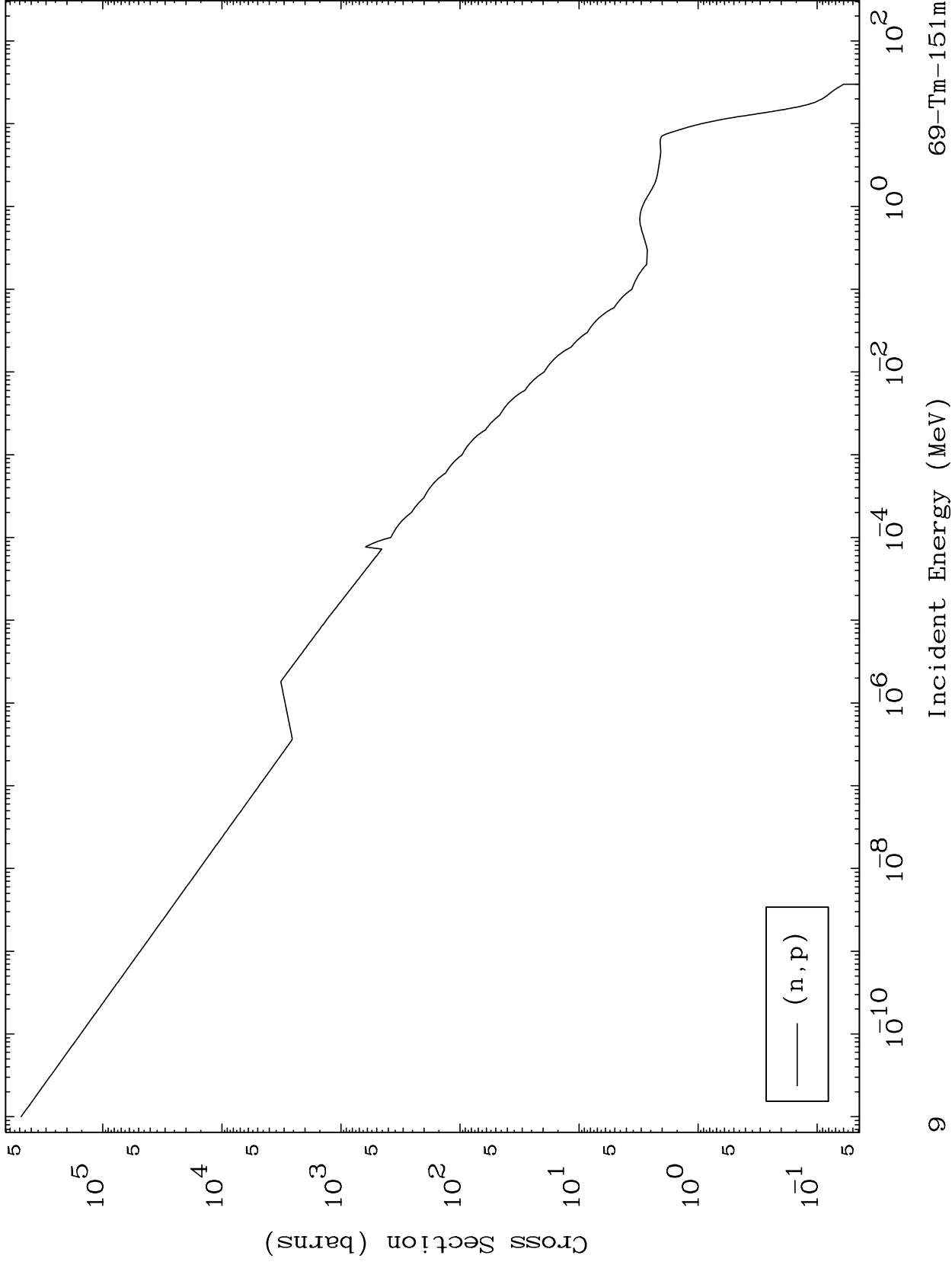




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(n,p) Levels  
293 Kelvin Cross Sections

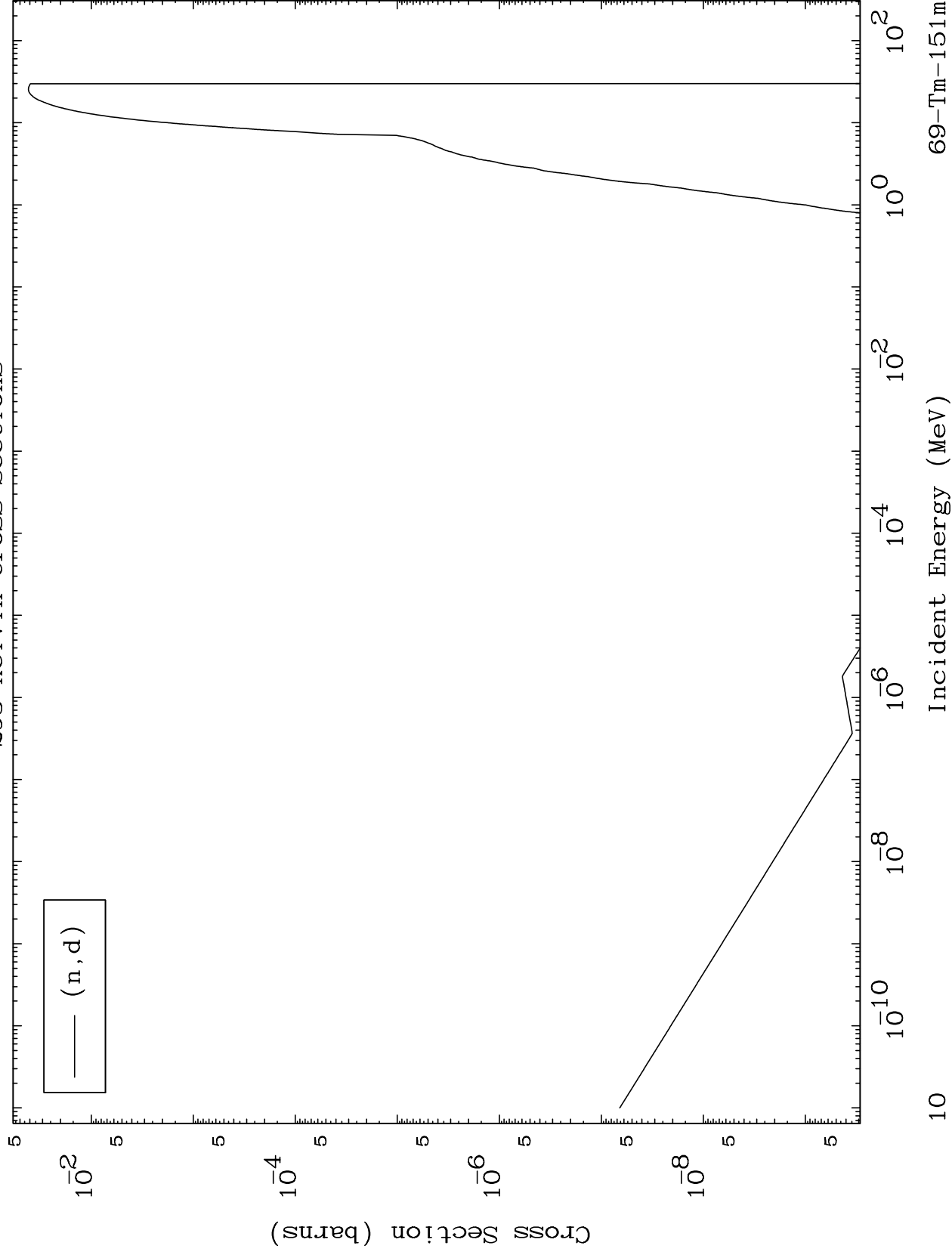
69-Tm-151m



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(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-151m



10

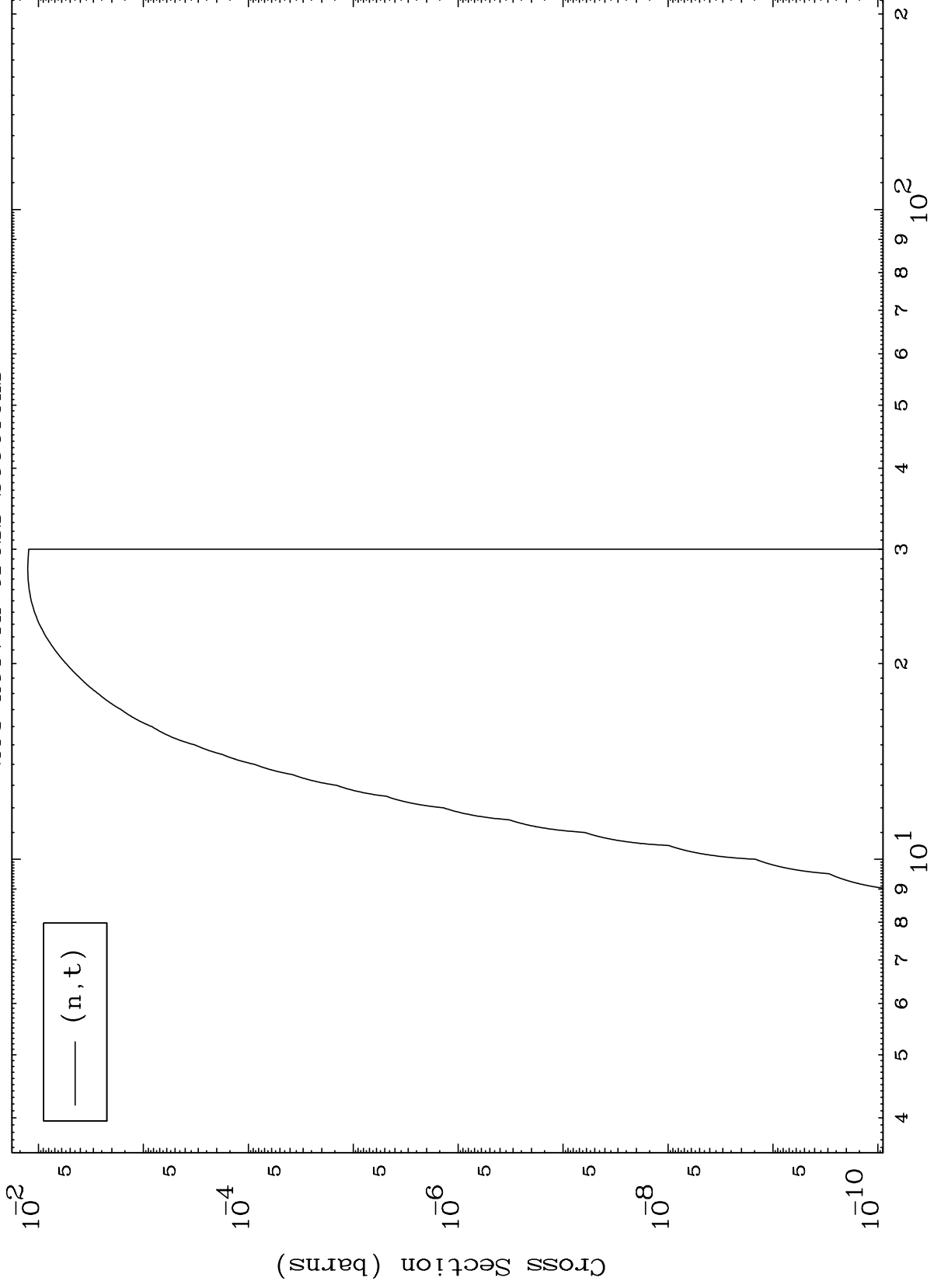
Incident Energy (MeV)

69-Tm-151m

MAT 6872

(n,t) Levels  
293 Kelvin Cross Sections

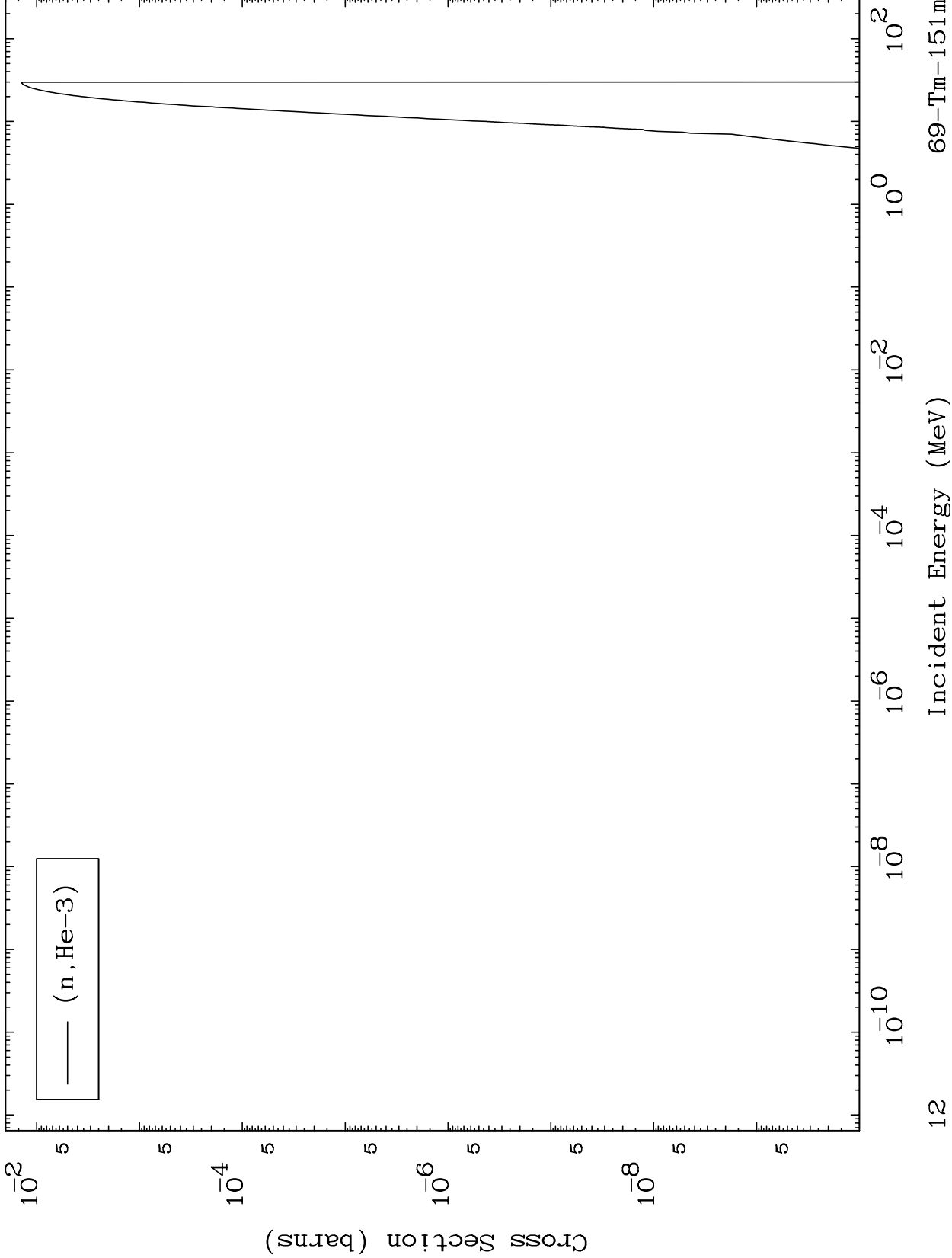
69-Tm-151m



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(n,He3) Levels  
293 Kelvin Cross Sections

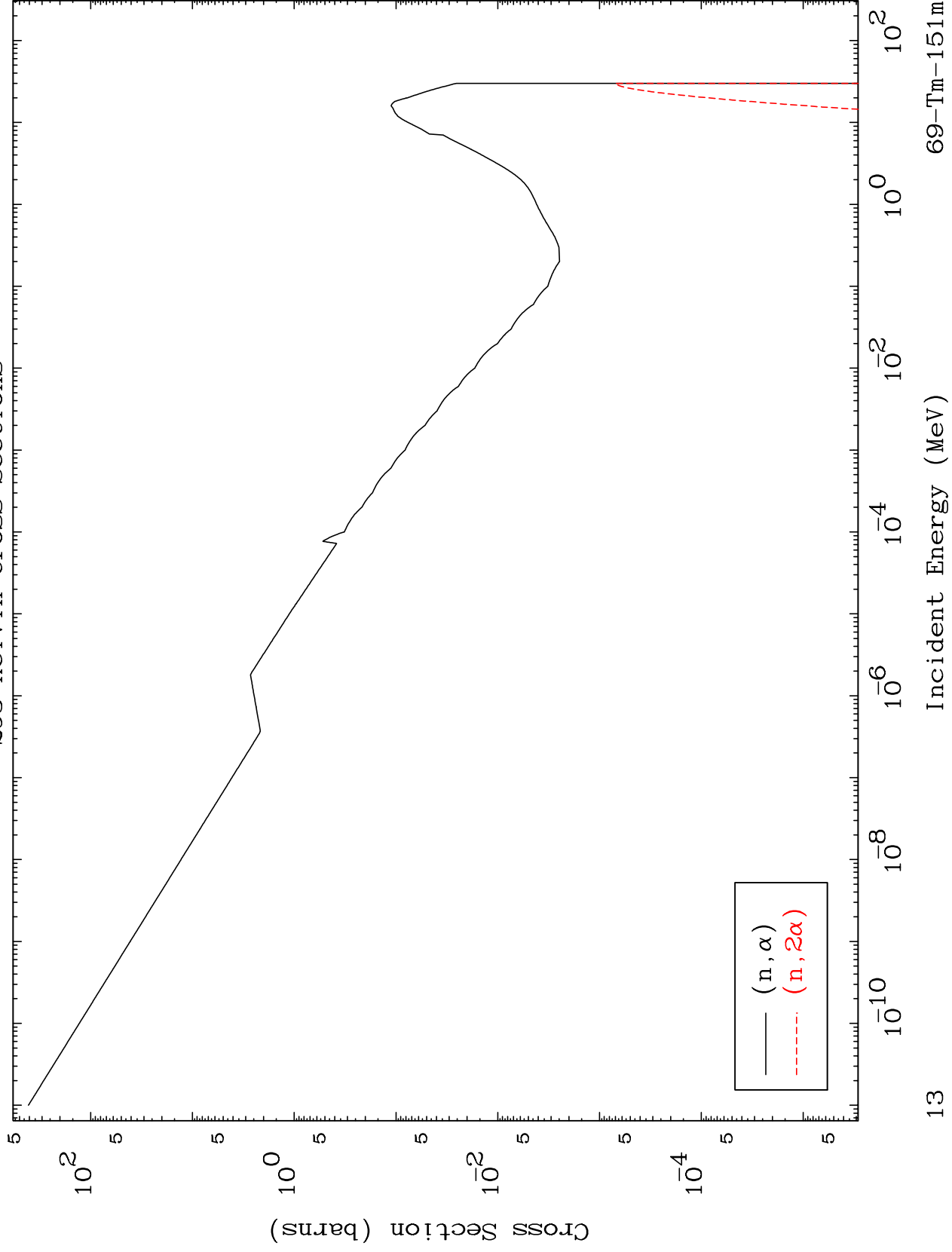
69-Tm-151m



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(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-151m

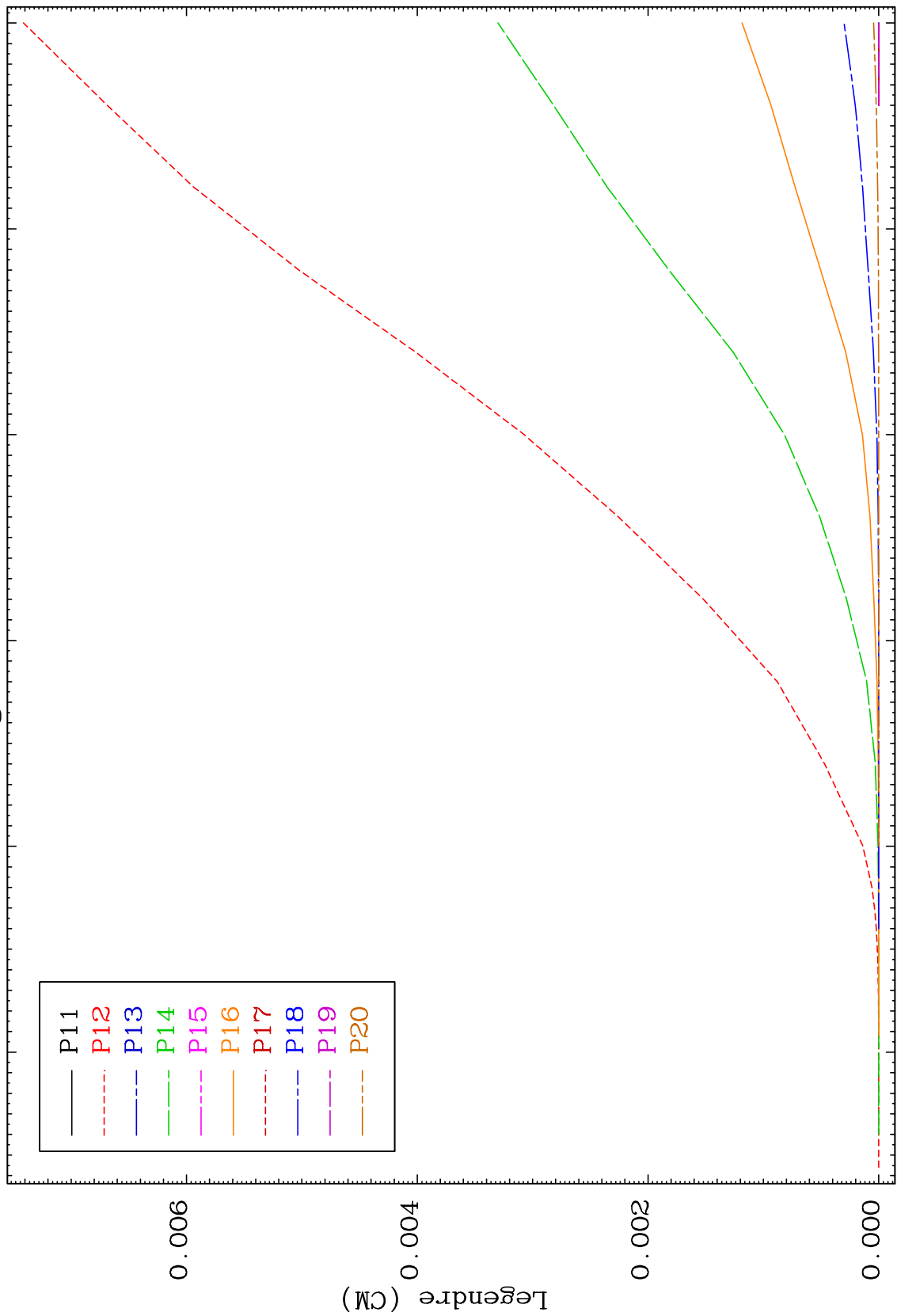




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### Elastic Legendre Coefficients

69-Tm-151m



15

Incident Energy (MeV)

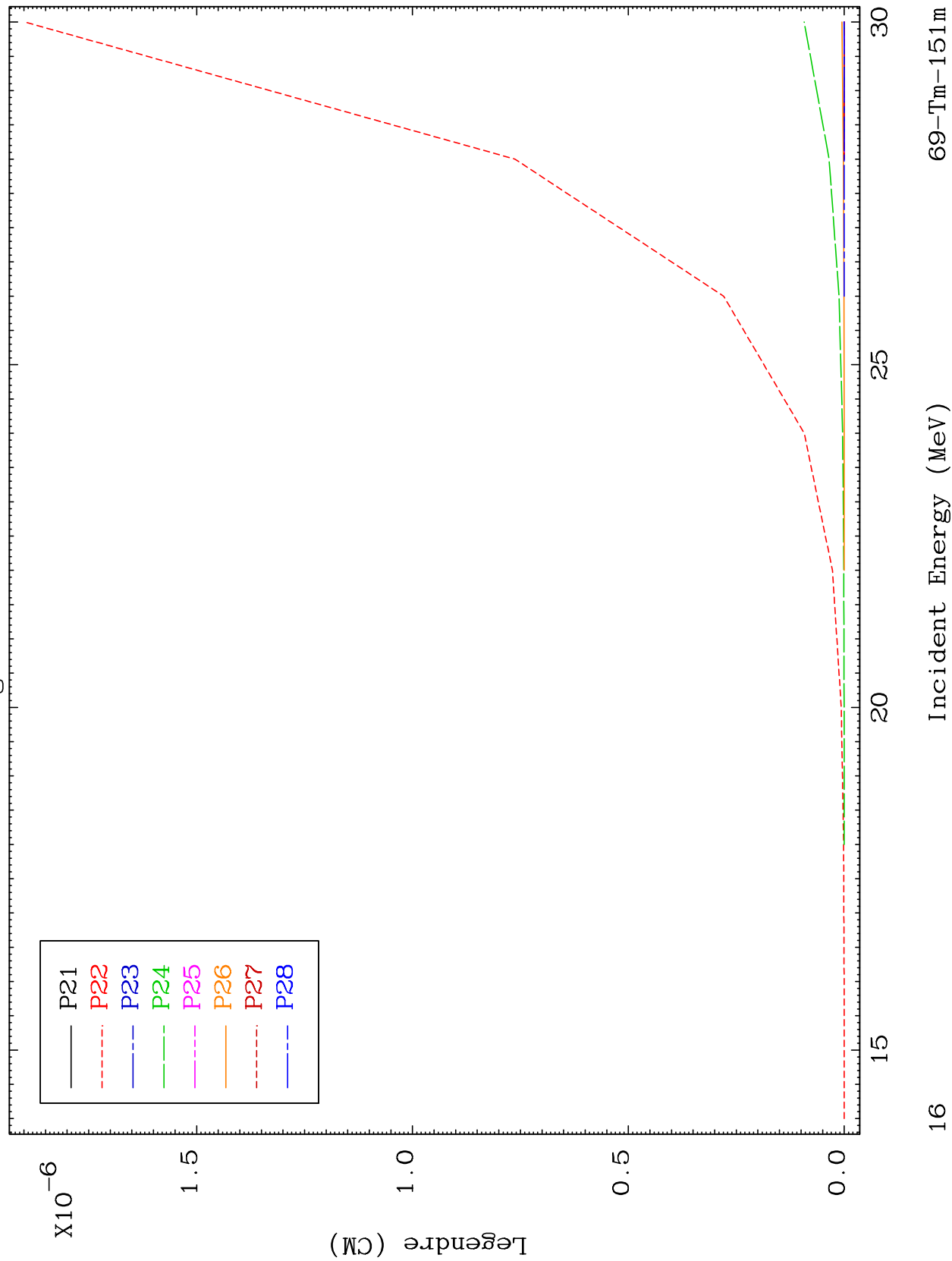
69-Tm-151m



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### Elastic Legendre Coefficients

69-Tm-151m



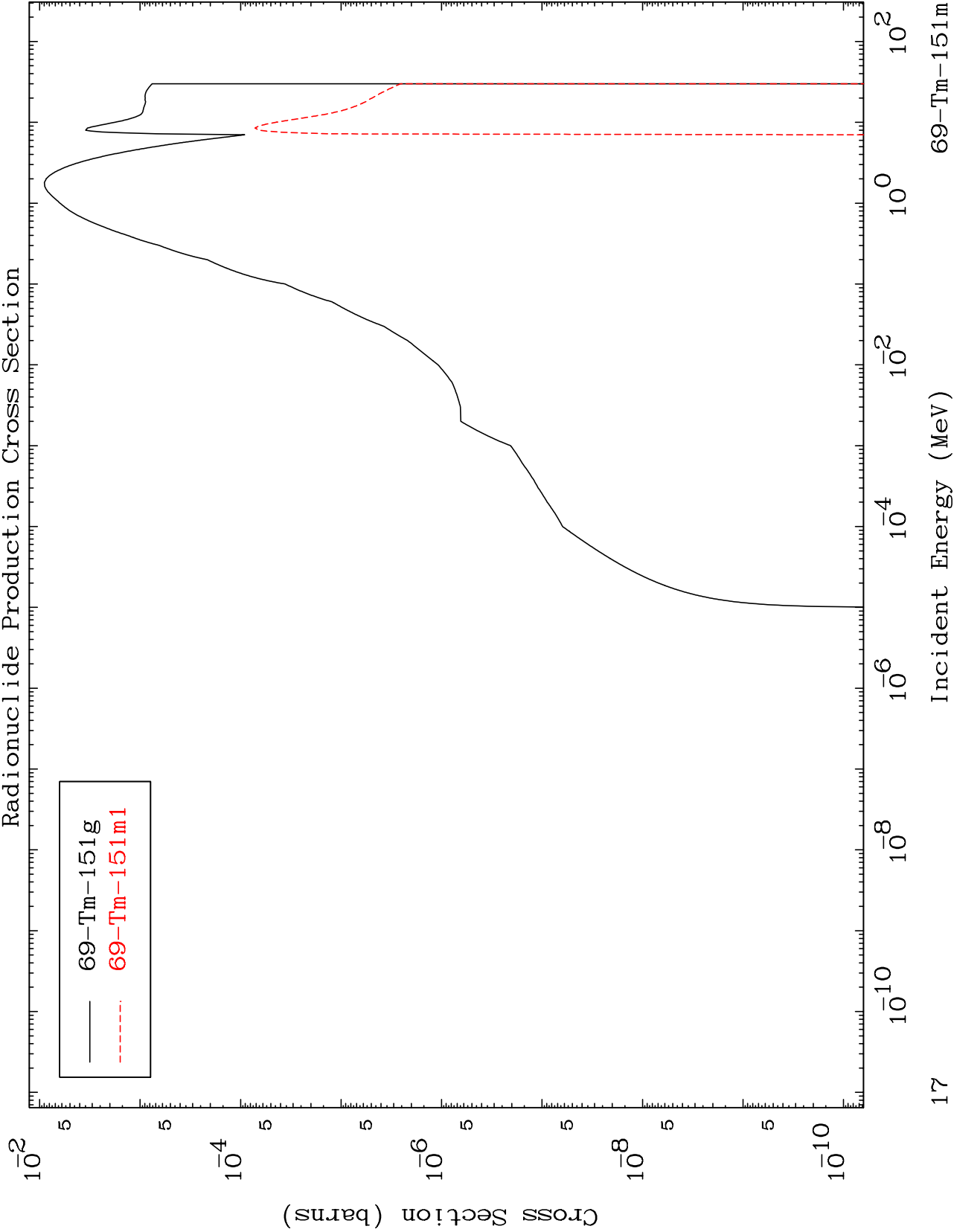
16

69-Tm-151m

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Inelastic  
Radionuclide Production Cross Section

69-Tm-151m

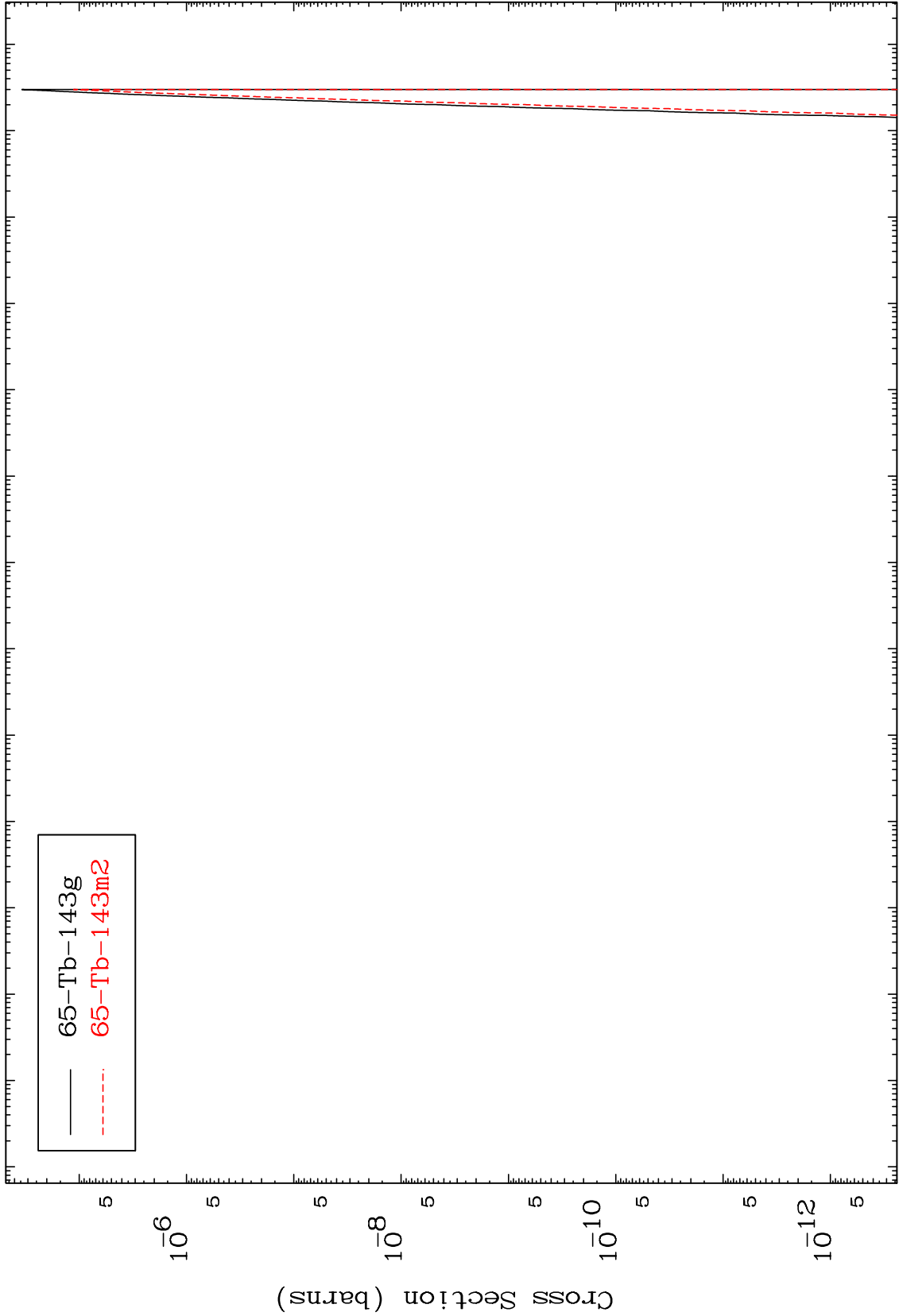
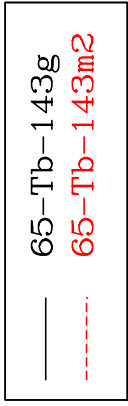


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(n,n') 2α

69-Tm-151m

Radionuclide Production Cross Section



Cross Section (barns)

Incident Energy (MeV)

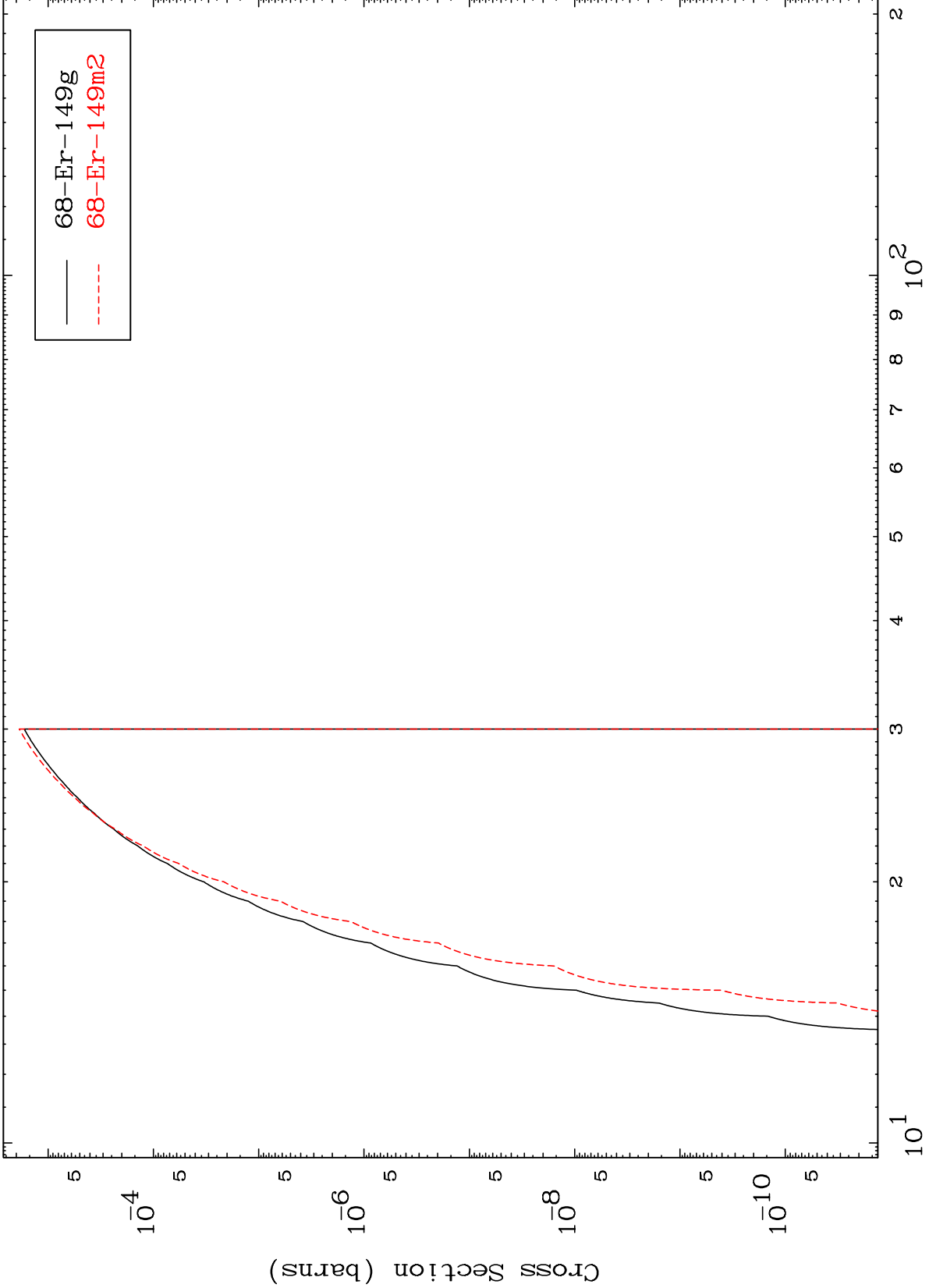
69-Tm-151m

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(n,n') d

69-Tm-151m

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

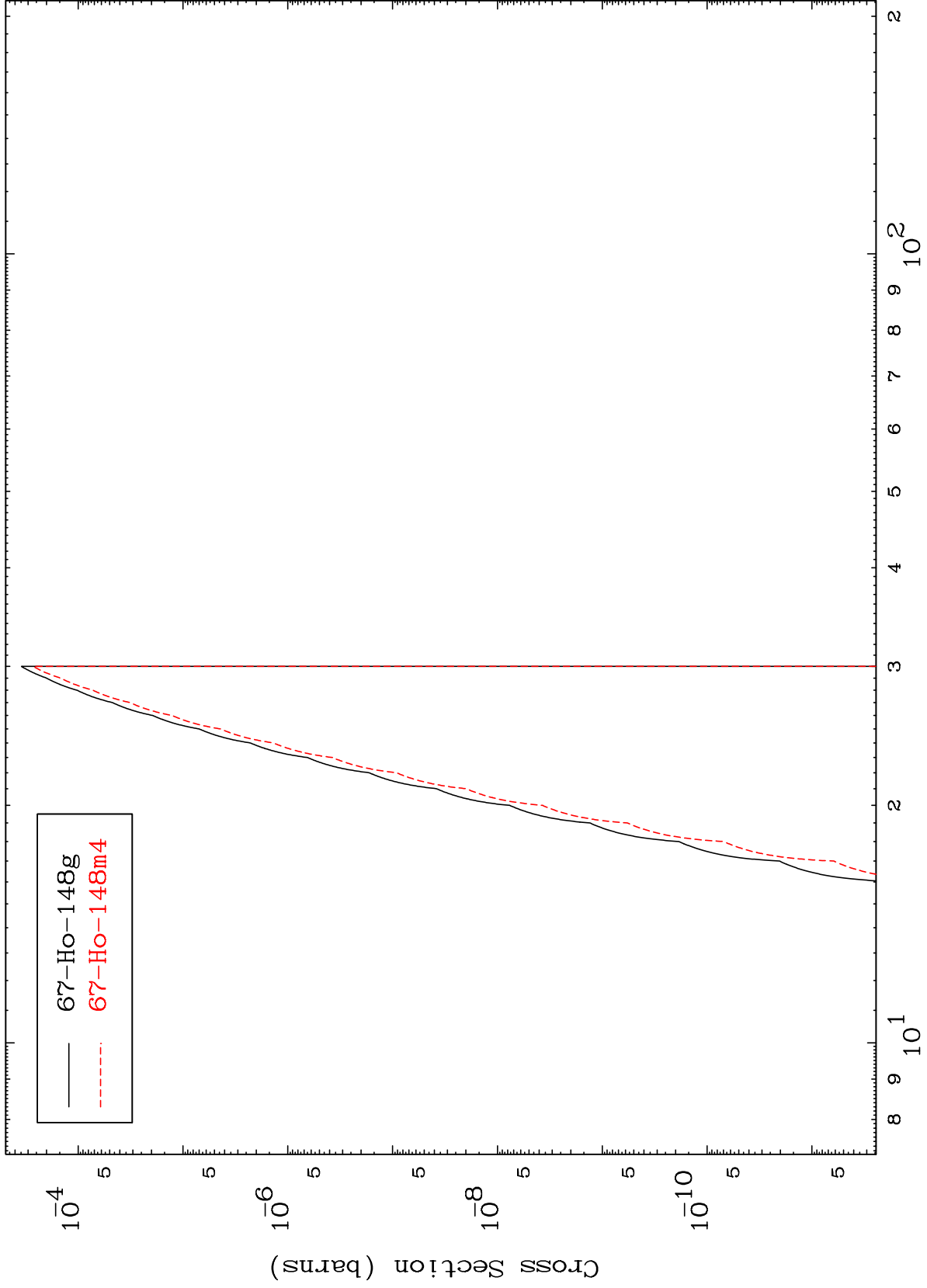
69-Tm-151m

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(n,n') He-3

69-Tm-151m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

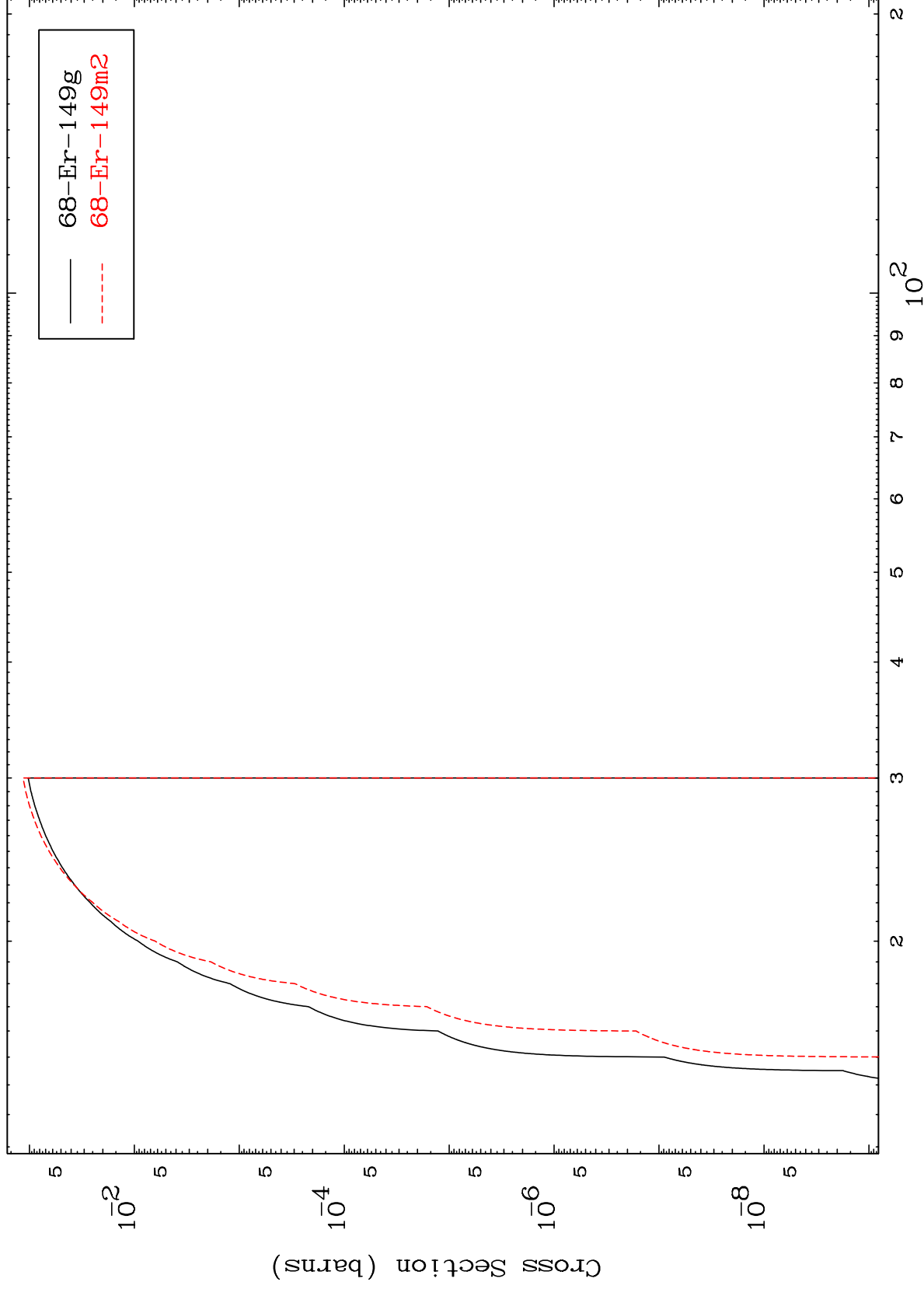
69-Tm-151m

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(n,2n) p

69-Tm-151m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

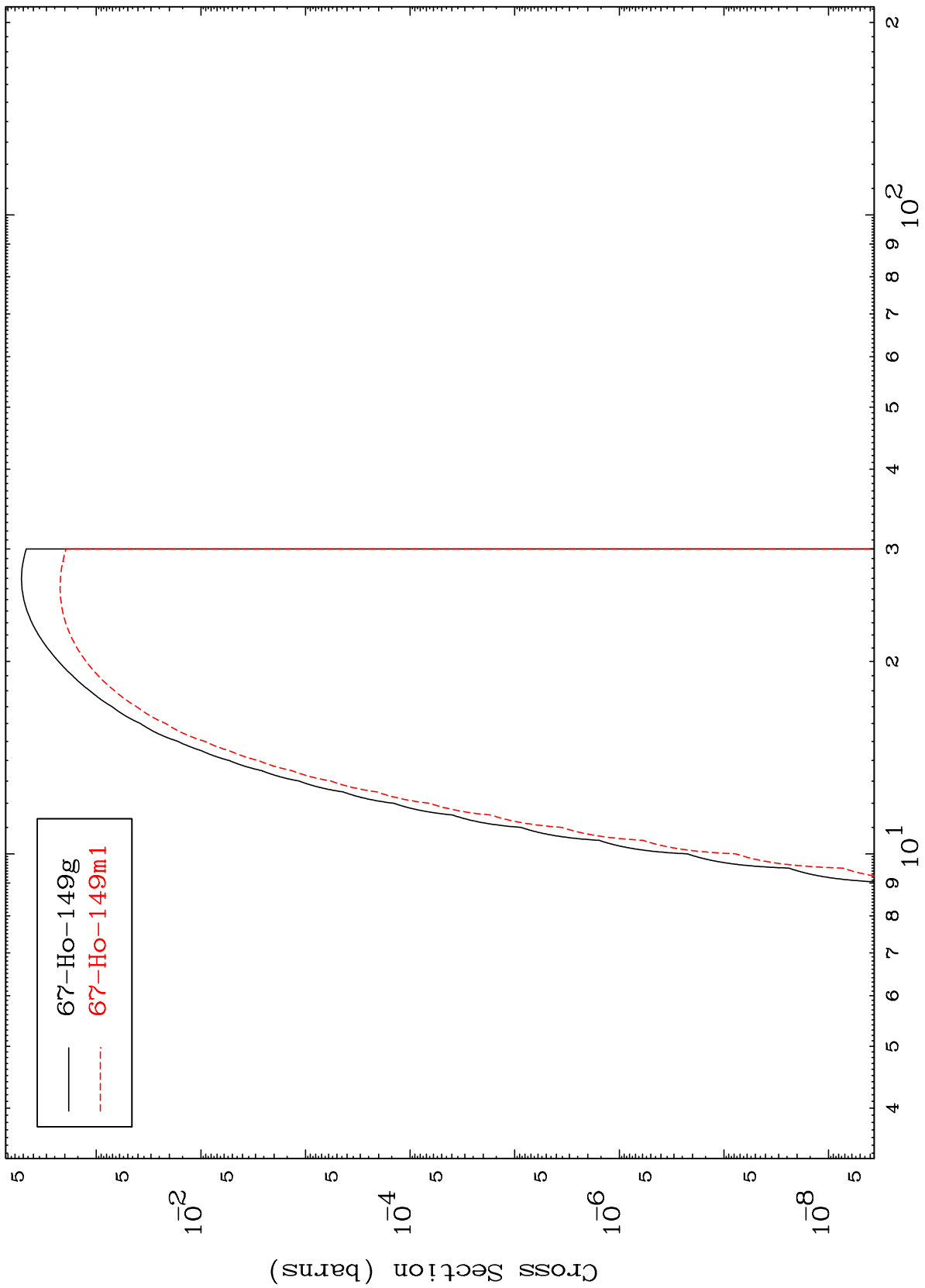
69-Tm-151m

MAT 6872

(n,2n) p

69-Tm-151m

Radionuclide Production Cross Section



22

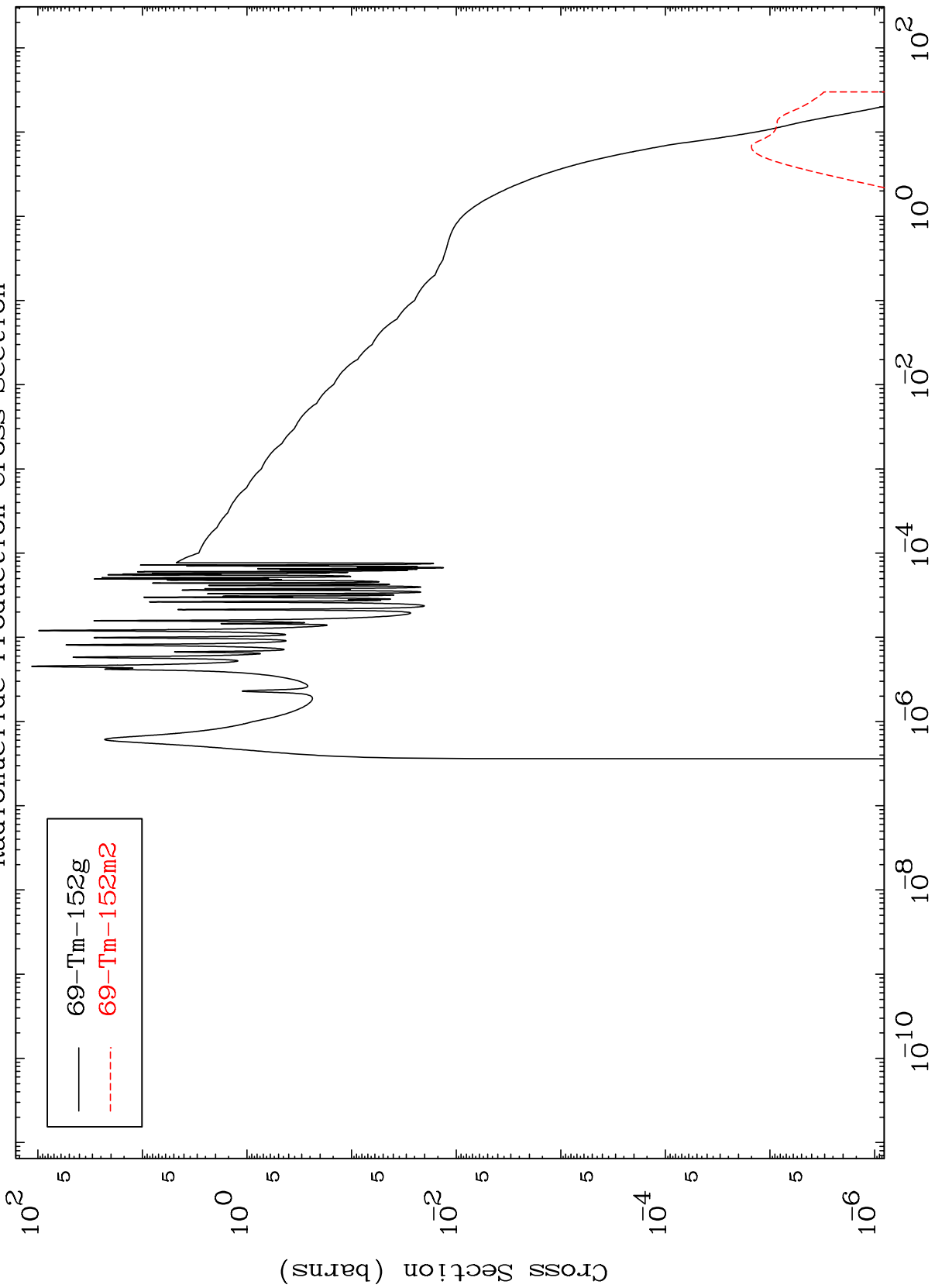
Incident Energy (MeV)

69-Tm-151m

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69-Tm-151m

Radionuclide Production Cross Section



69-Tm-151m

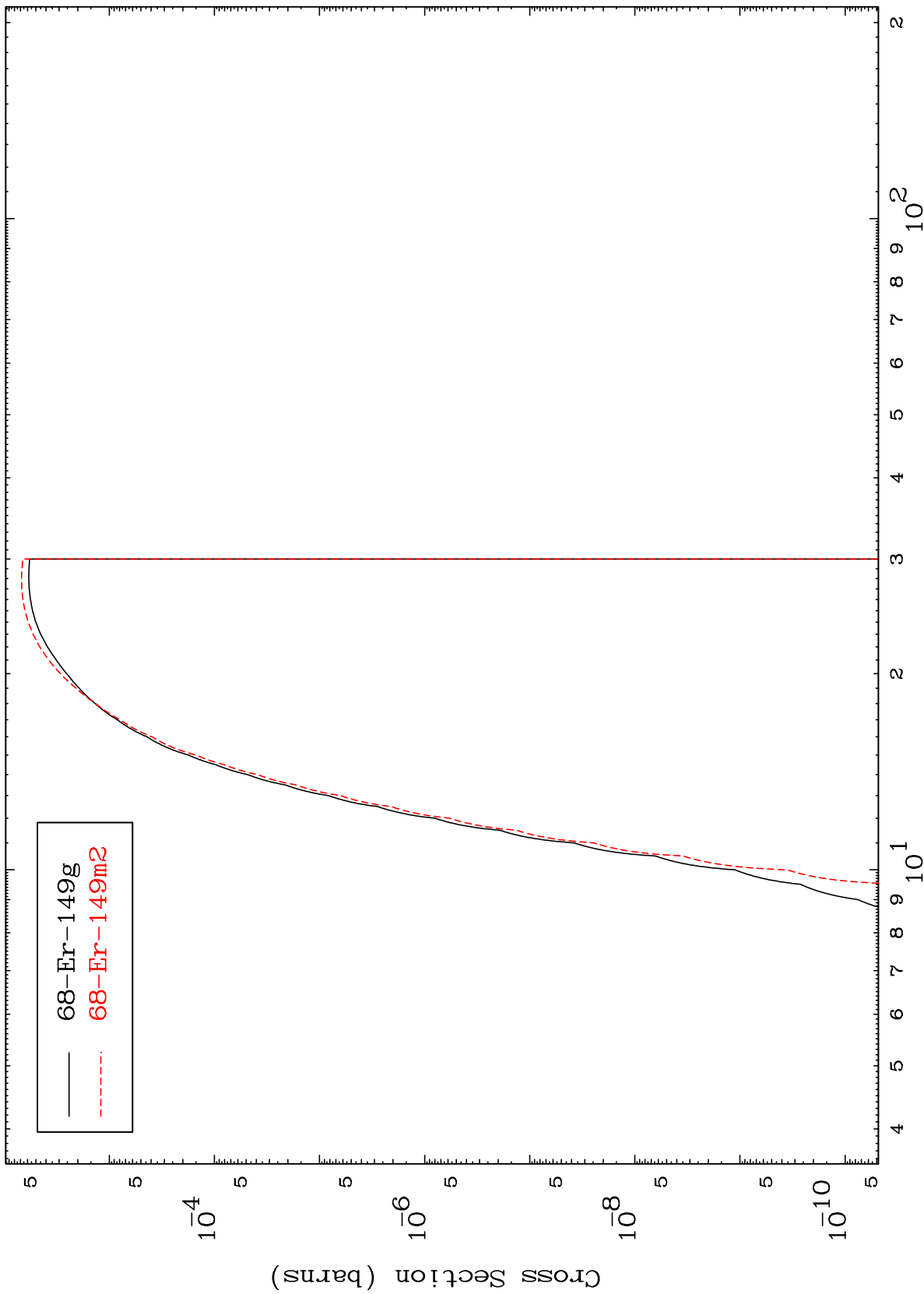
Incident Energy (MeV)



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69-Tm-151m

Radionuclide Production Cross Section  
(n, t)



69-Tm-151m

Incident Energy (MeV)

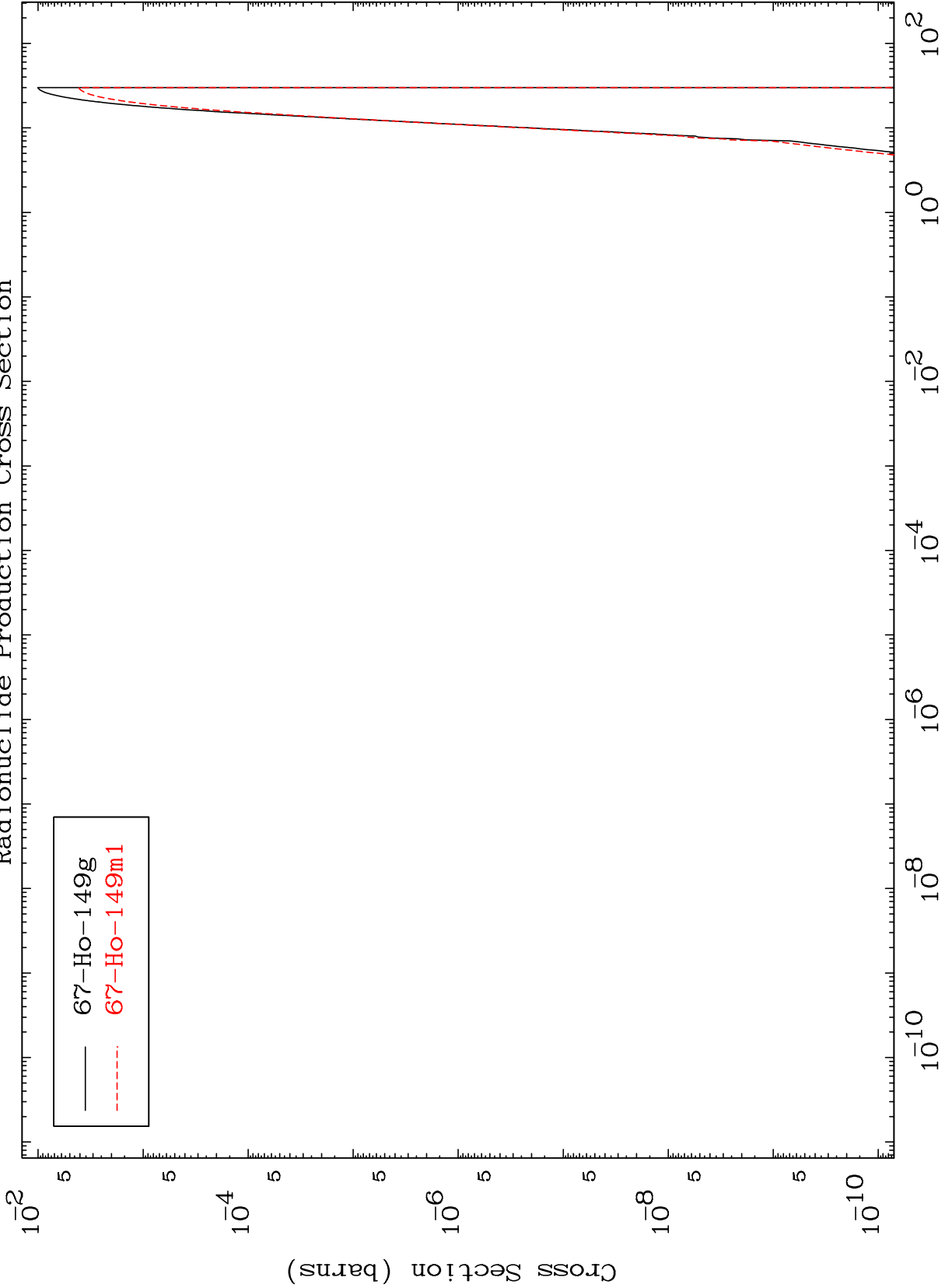
24

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(n,He-3)

69-Tm-151m

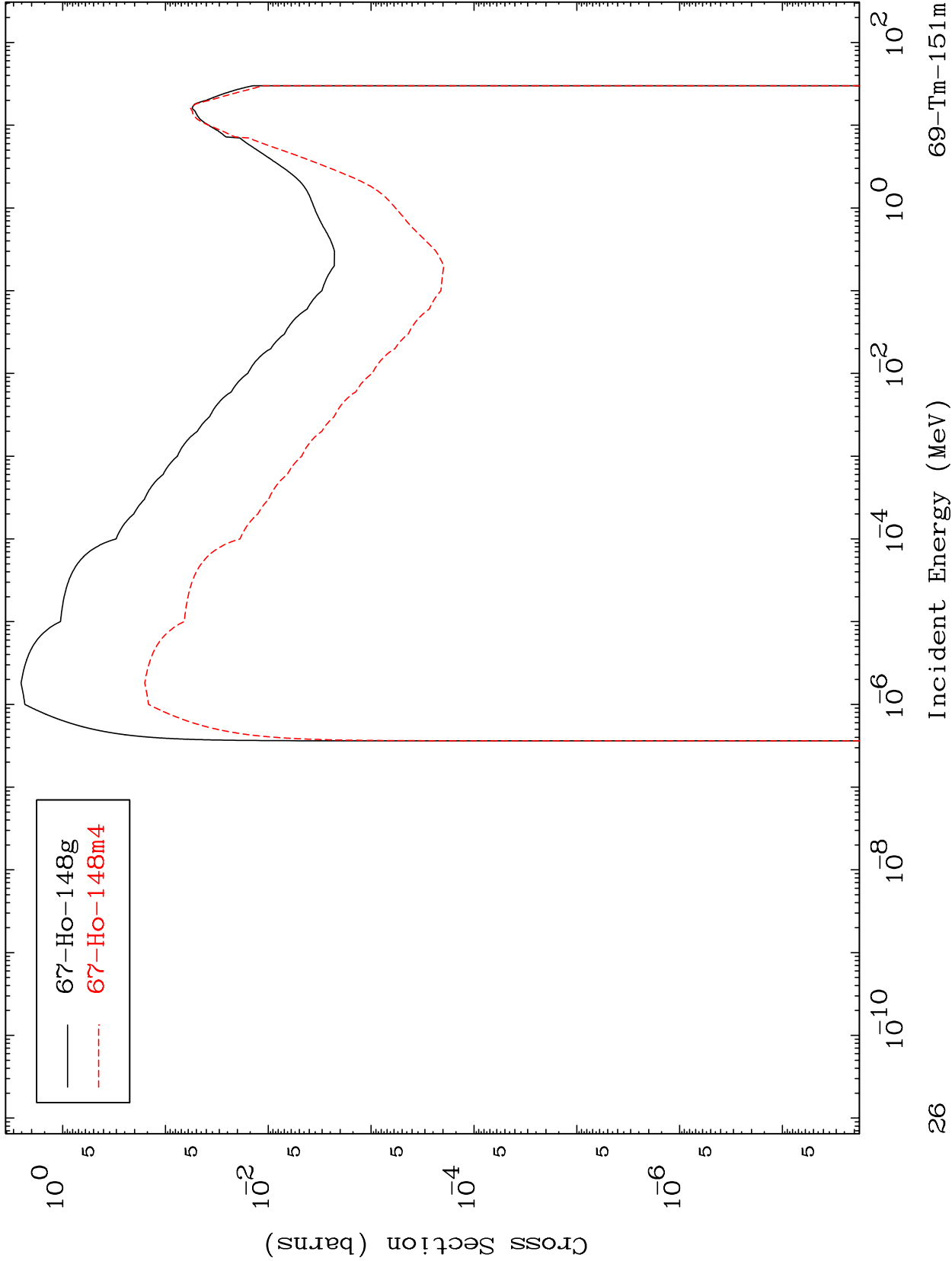
Radionuclide Production Cross Section



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69-Tm-151m

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

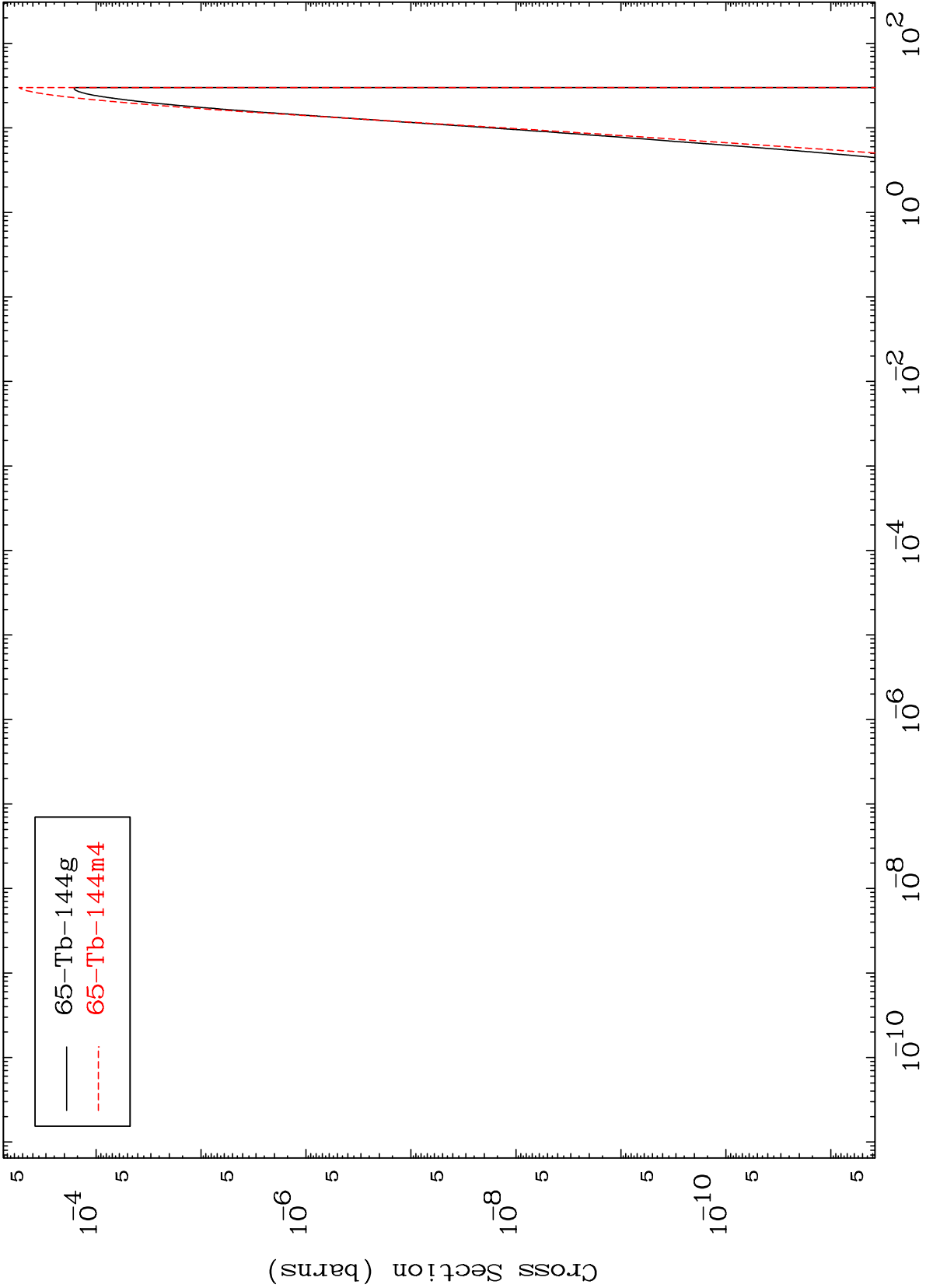


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(n,2α)

69-Tm-151m

Radionuclide Production Cross Section

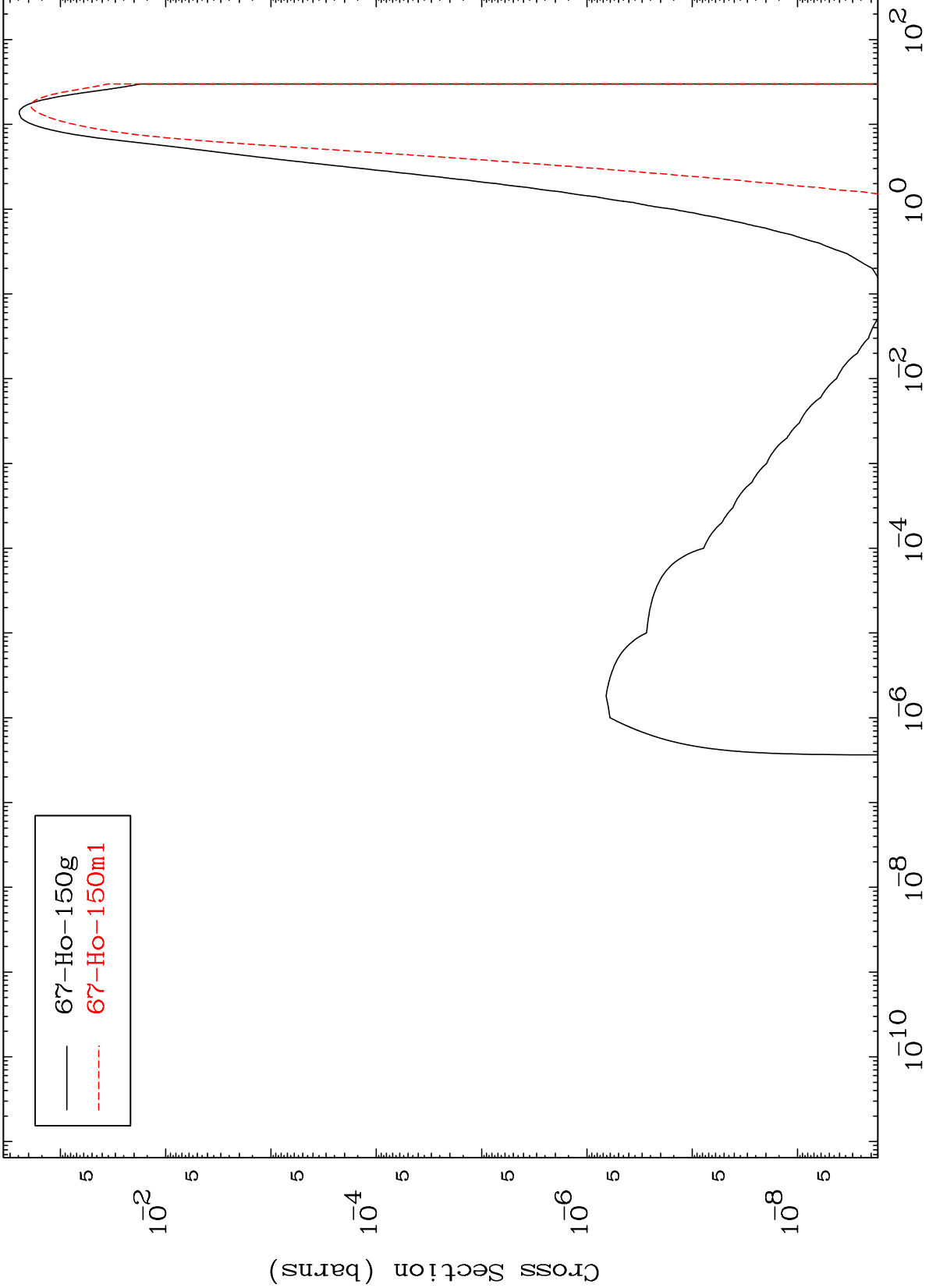
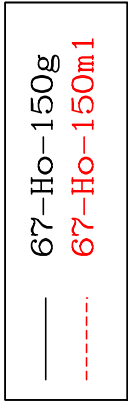


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(n,2p)

69-Tm-151m

Radionuclide Production Cross Section

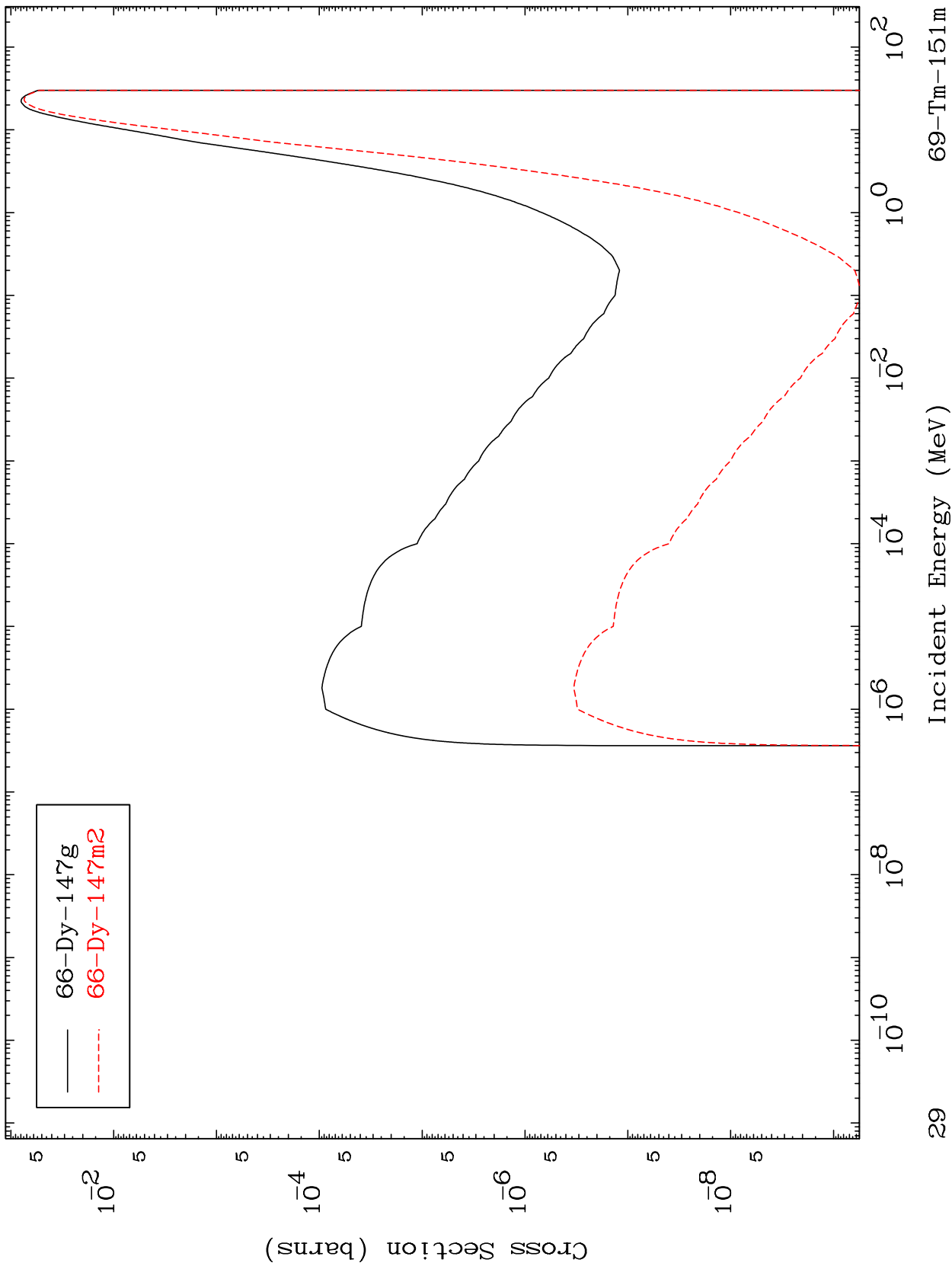


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(n,p)  $\alpha$

69-Tm-151m

Radionuclide Production Cross Section

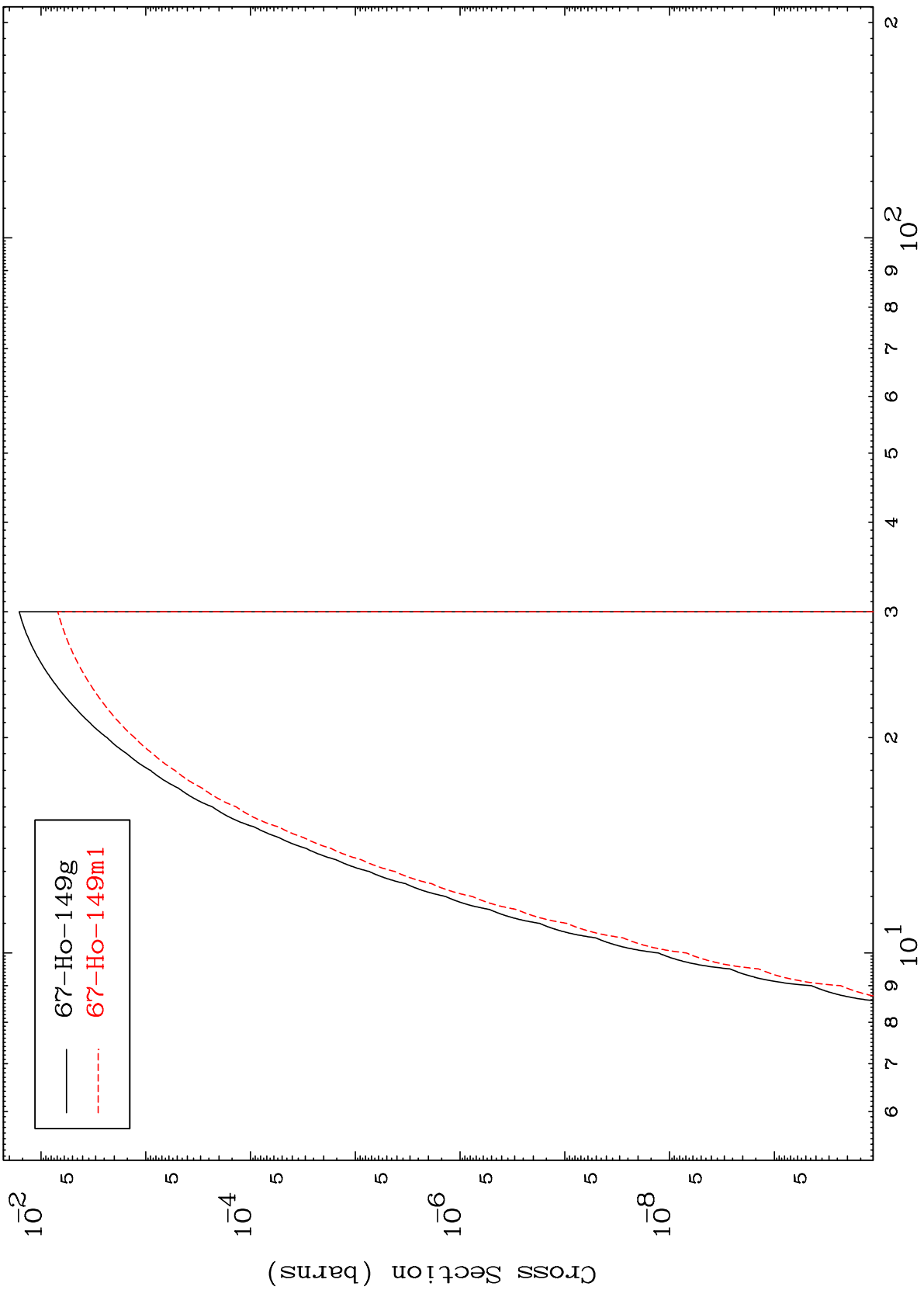


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(n,p) d

69-Tm-151m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

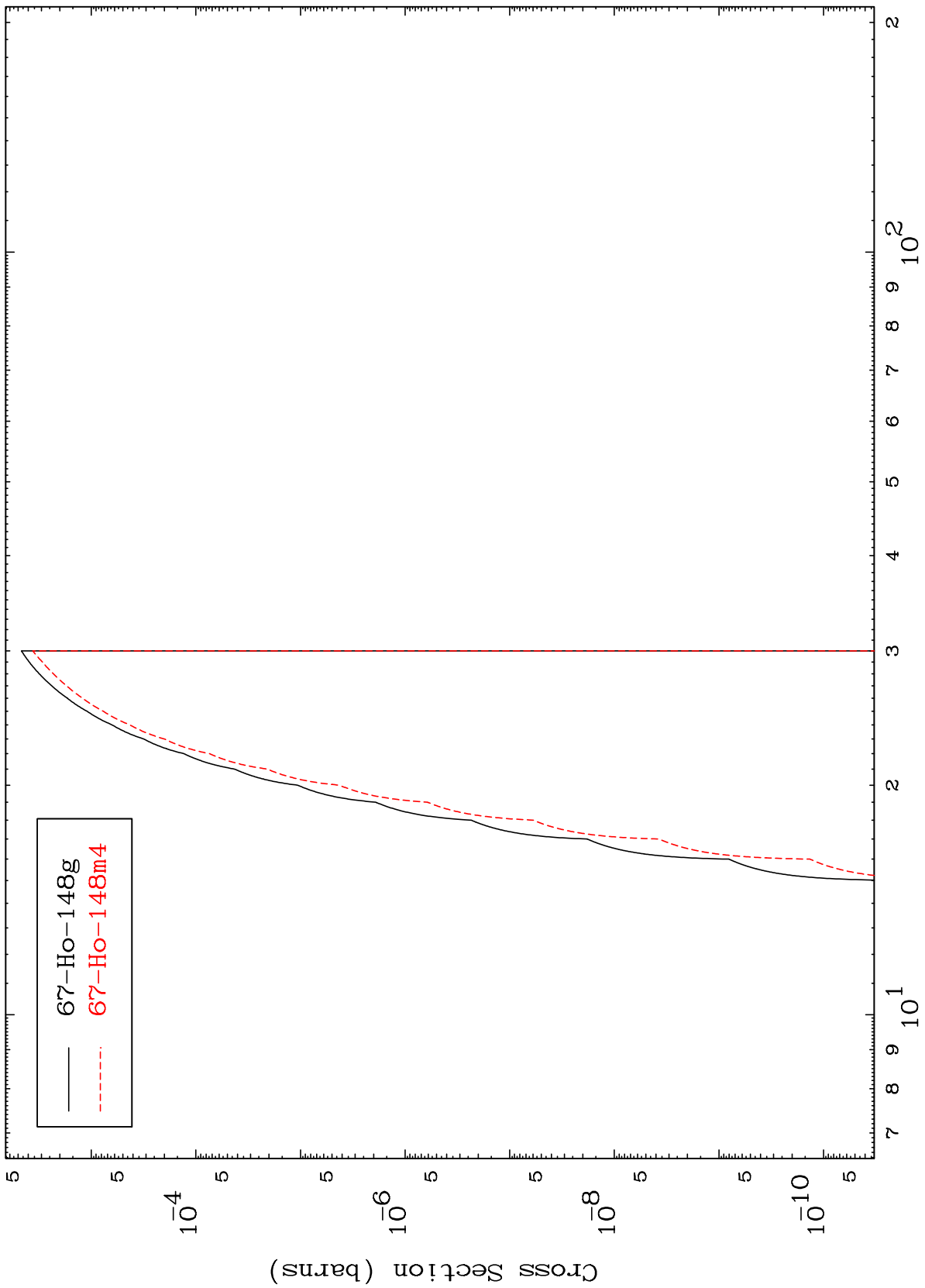
69-Tm-151m

MAT 6872

(n,p) t

69-Tm-151m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

69-Tm-151m