

Program EVALPLOT  
(Version 2021-1)

by

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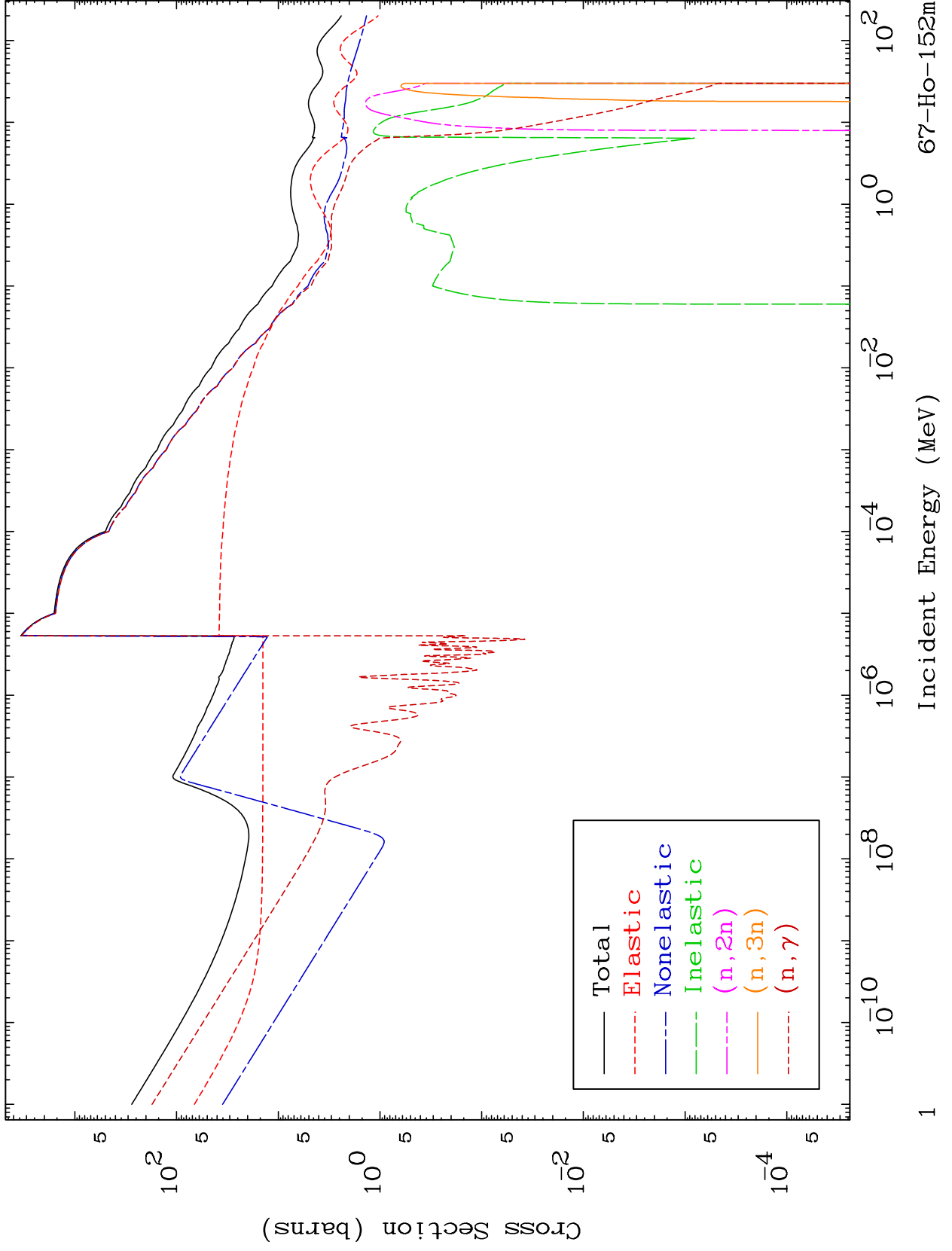
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6687

Neutron Major  
293 Kelvin Cross Sections

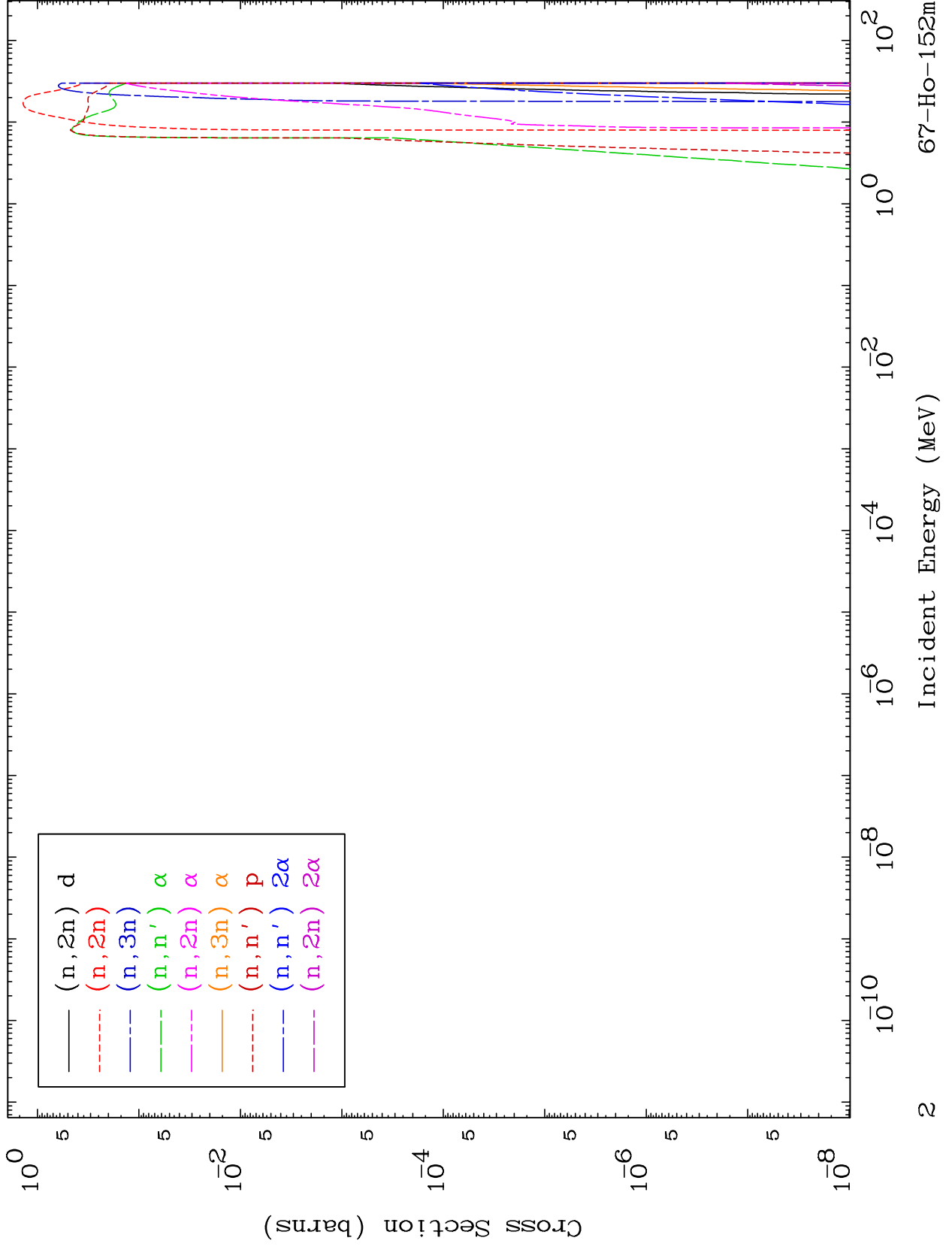
67-Ho-152m



MAT 6687

Neutron Absorption  
293 Kelvin Cross Sections

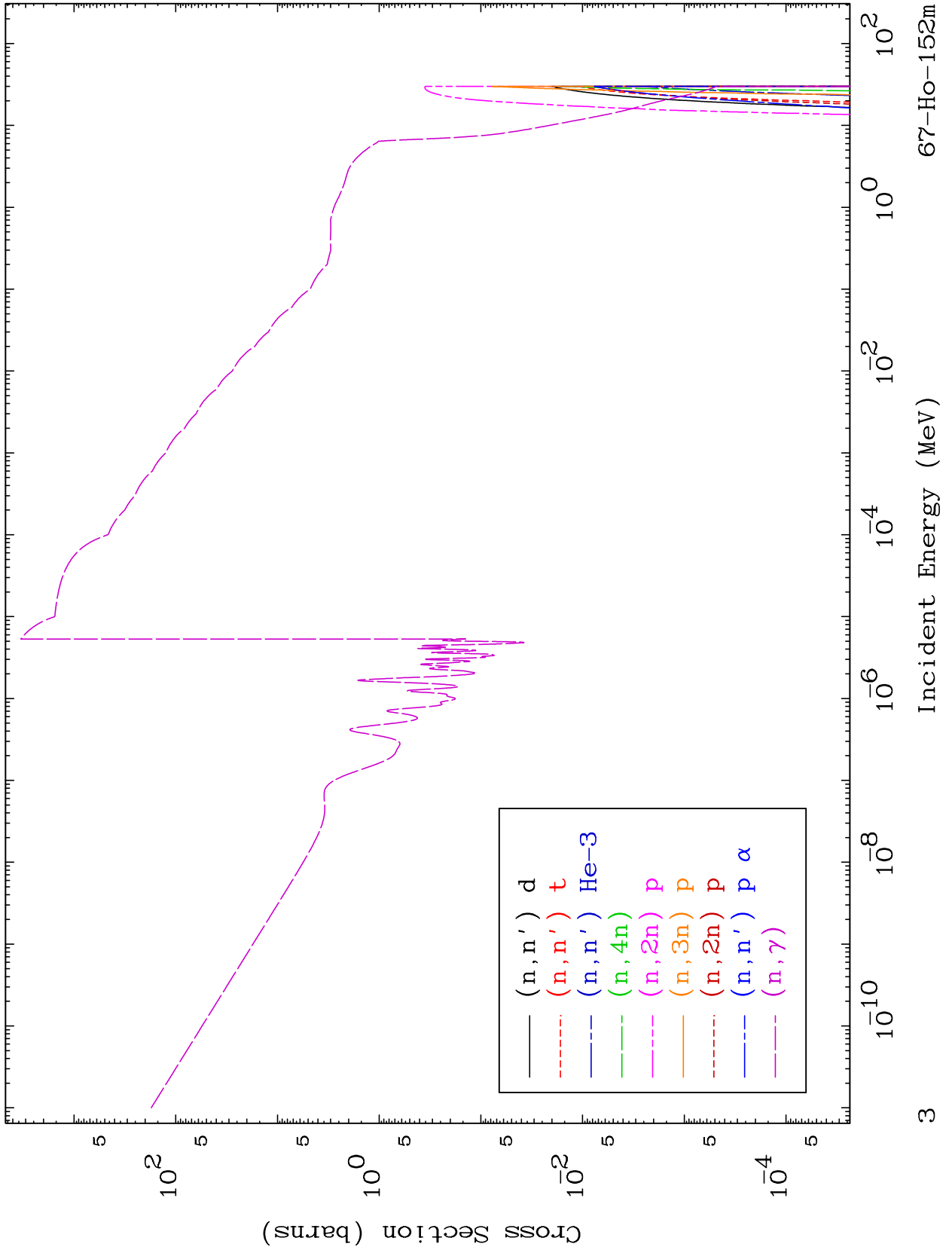
67-Ho-152m



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Neutron Absorption  
293 Kelvin Cross Sections

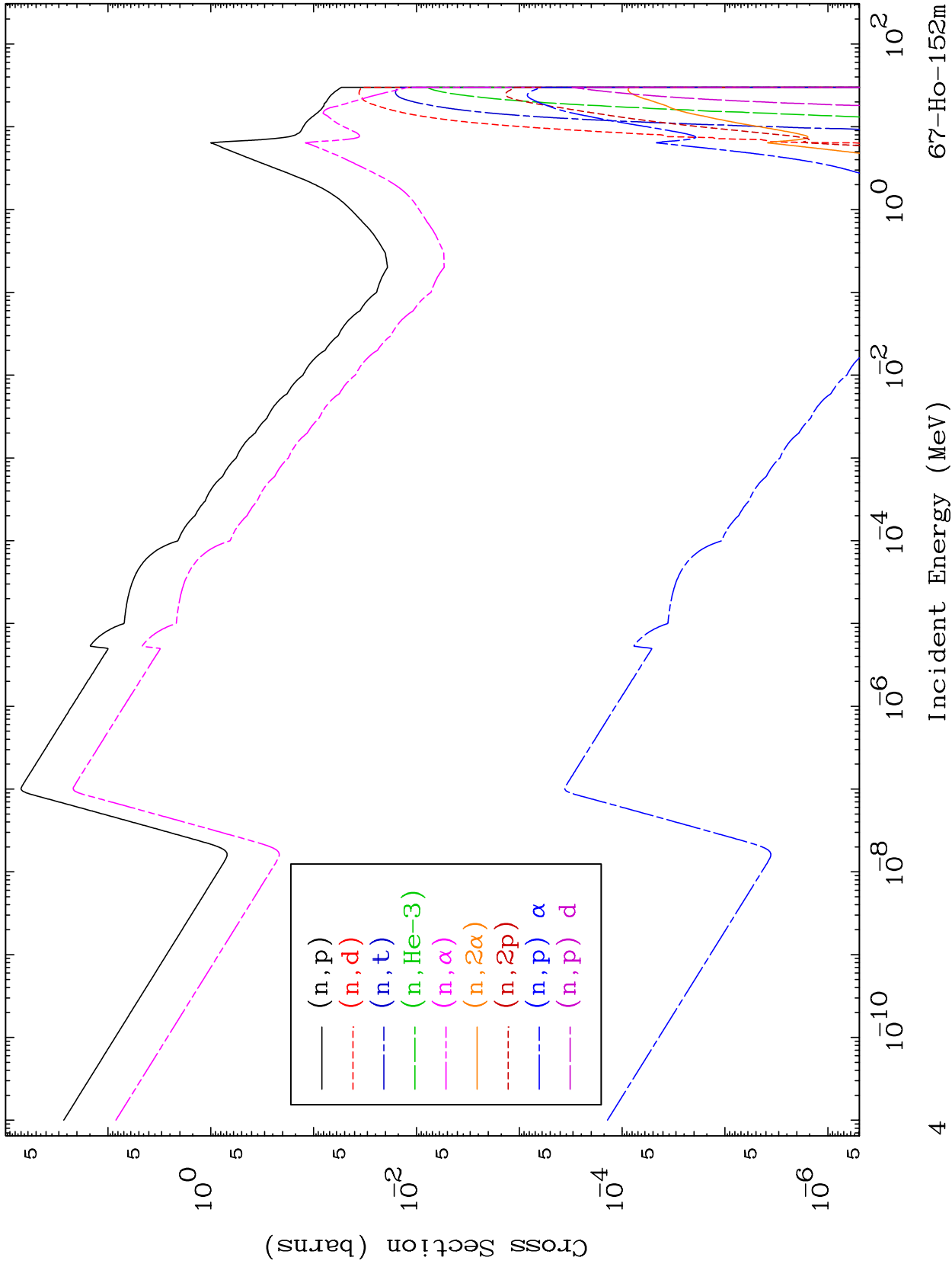
67-Ho-152m



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Neutron Absorption  
293 Kelvin Cross Sections

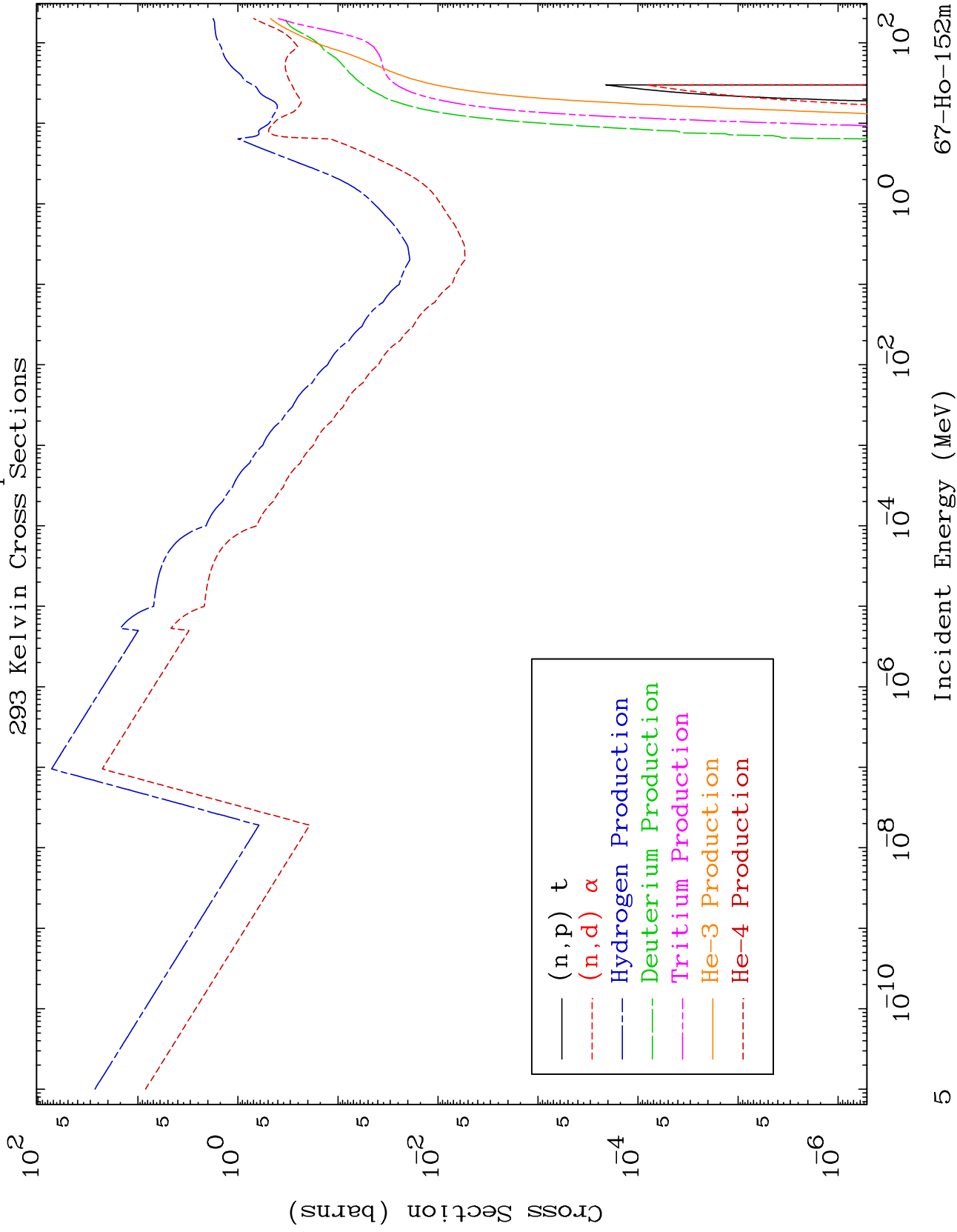
67-Ho-152m



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Neutron Absorption  
293 Kelvin Cross Sections

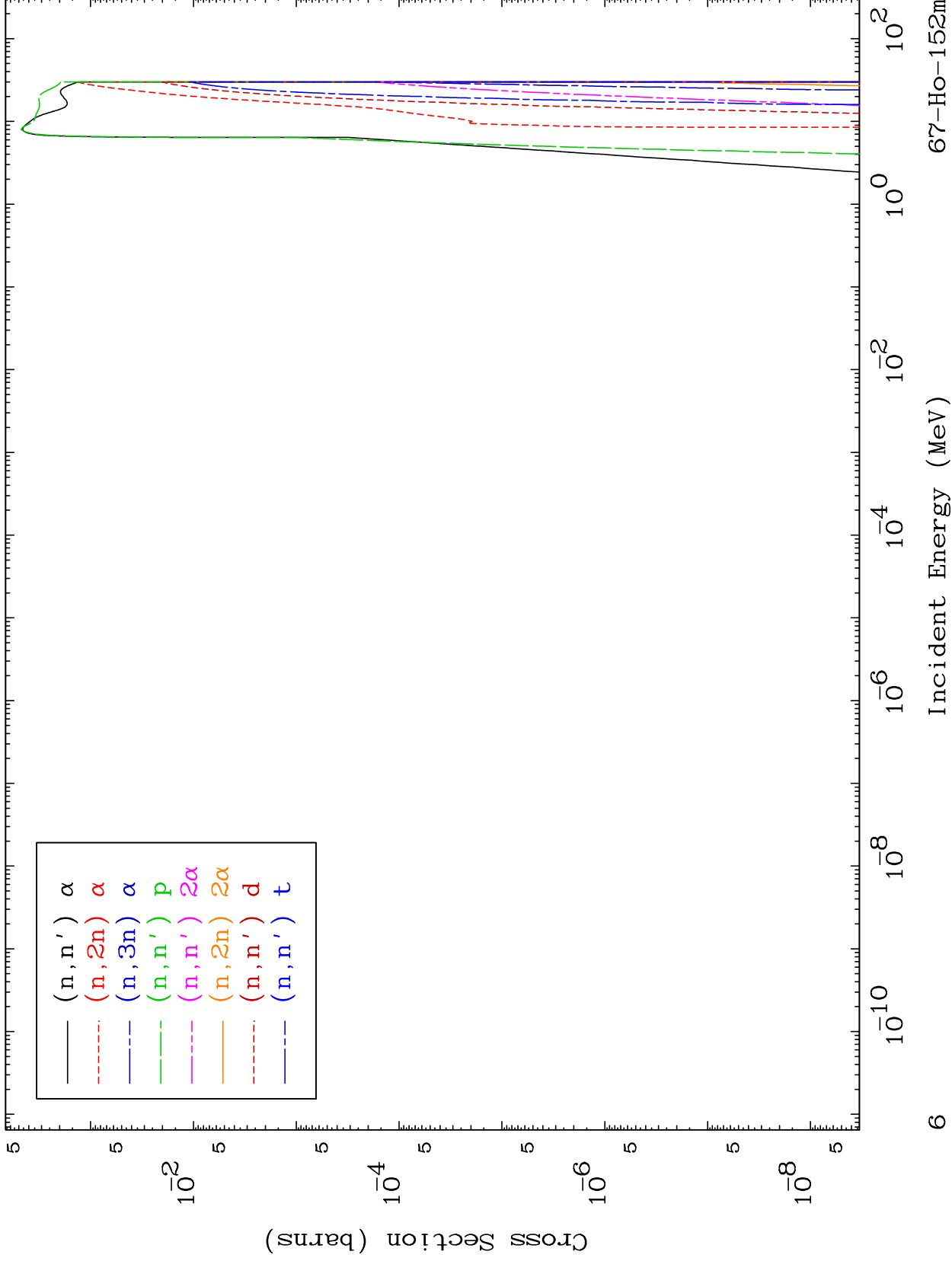
67-Ho-152m



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Charged Particle  
293 Kelvin Cross Sections

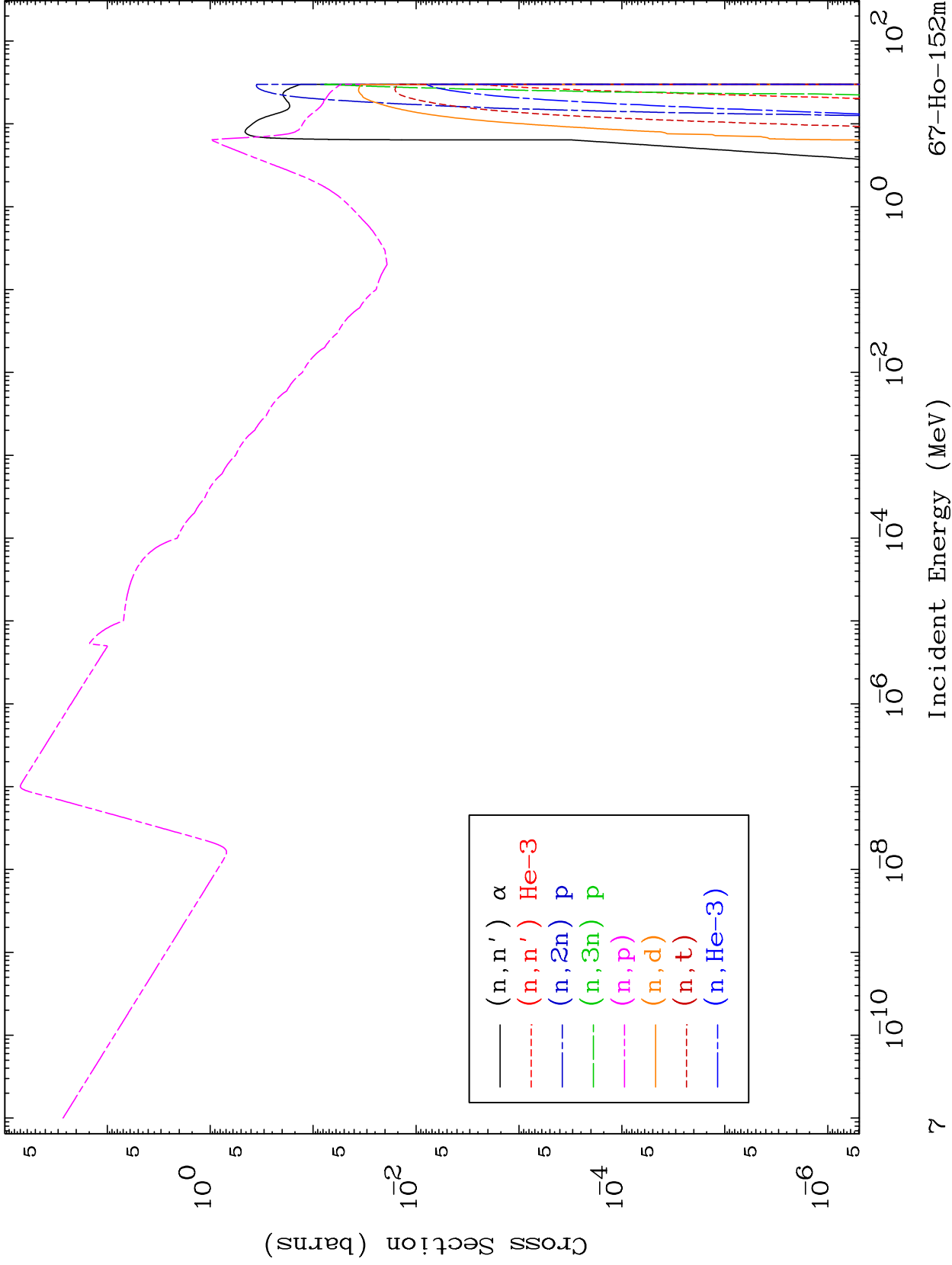
67-Ho-152m



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Charged Particle  
293 Kelvin Cross Sections

67-Ho-152m

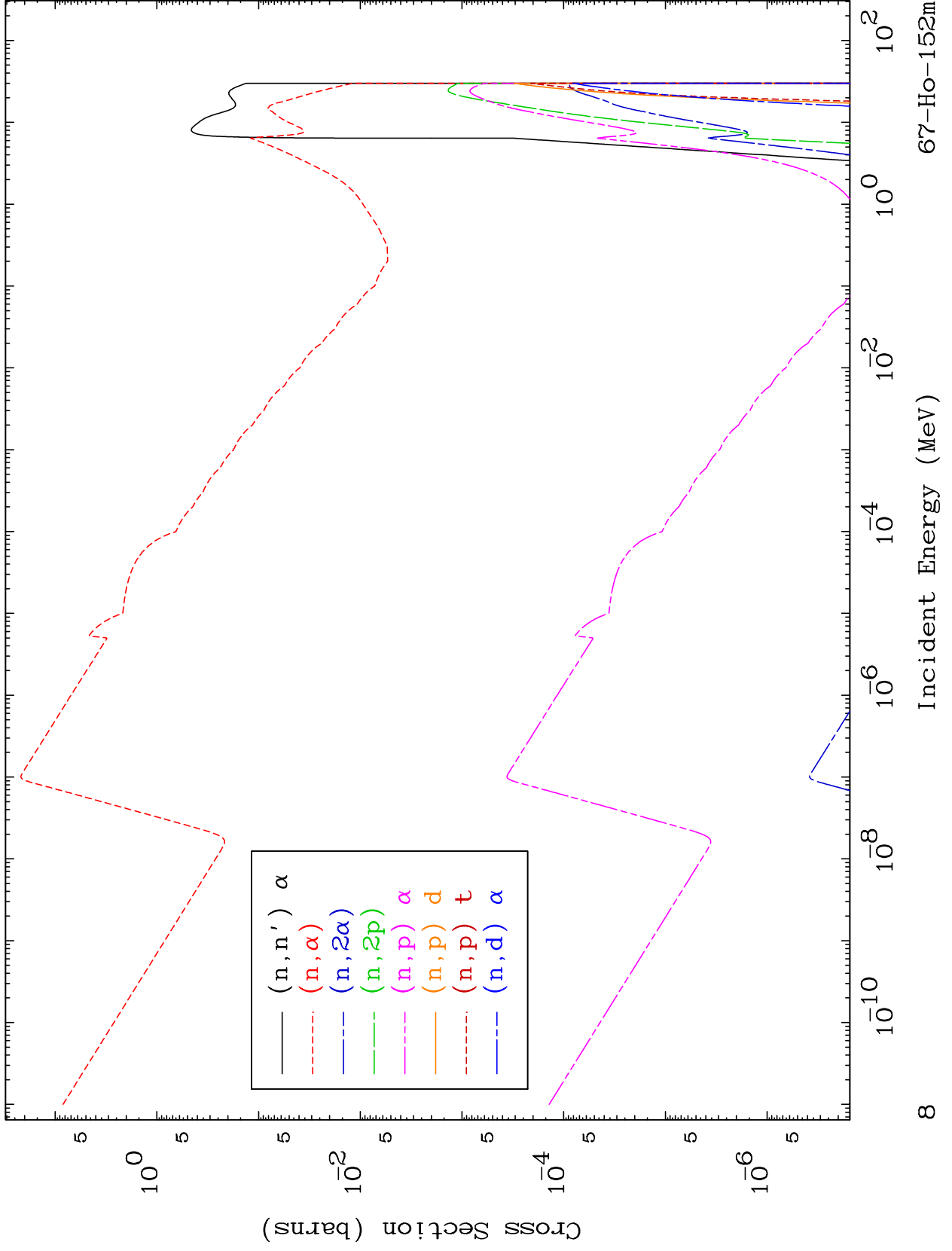




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Charged Particle  
293 Kelvin Cross Sections

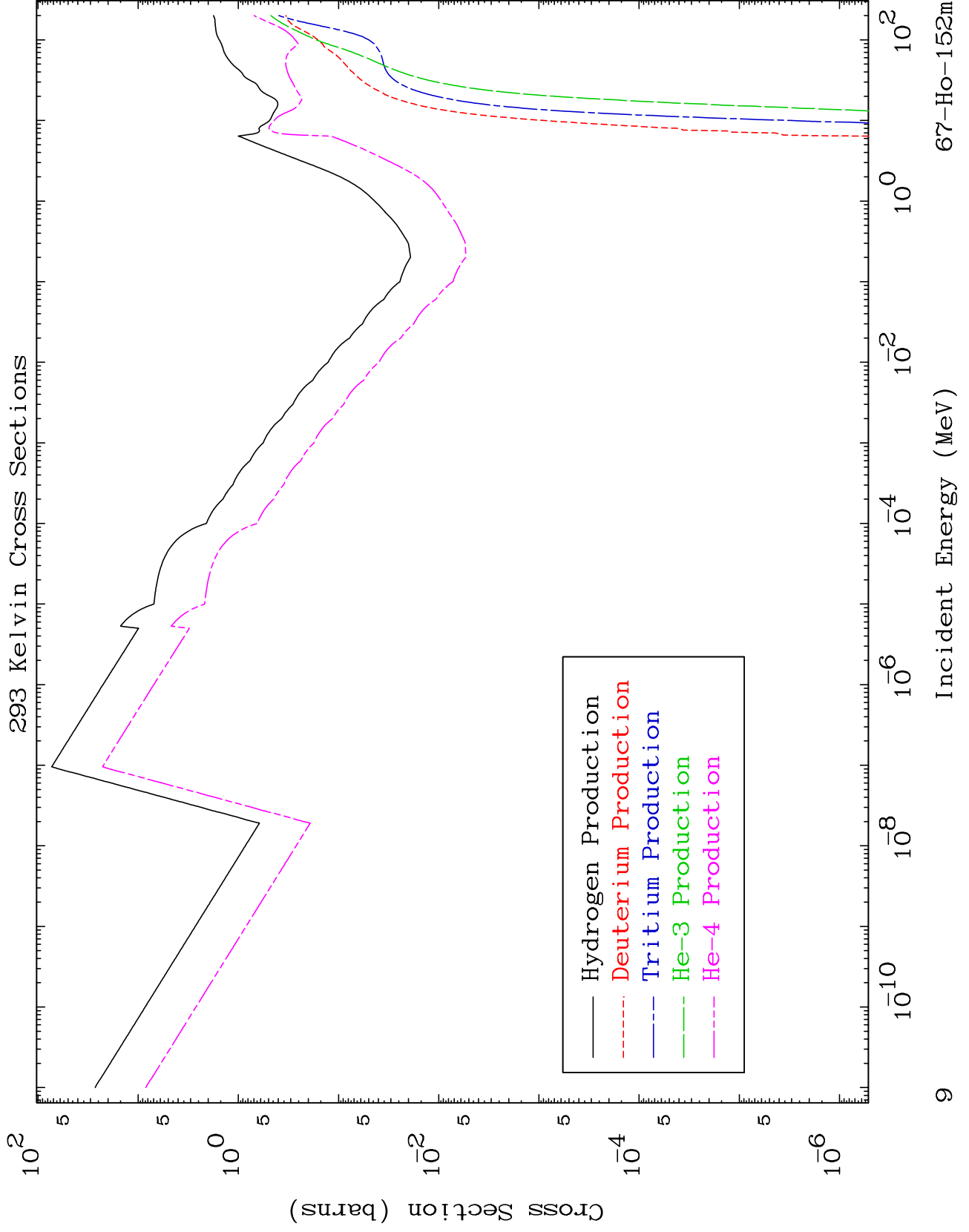
67-Ho-152m



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Particle Production  
293 Kelvin Cross Sections

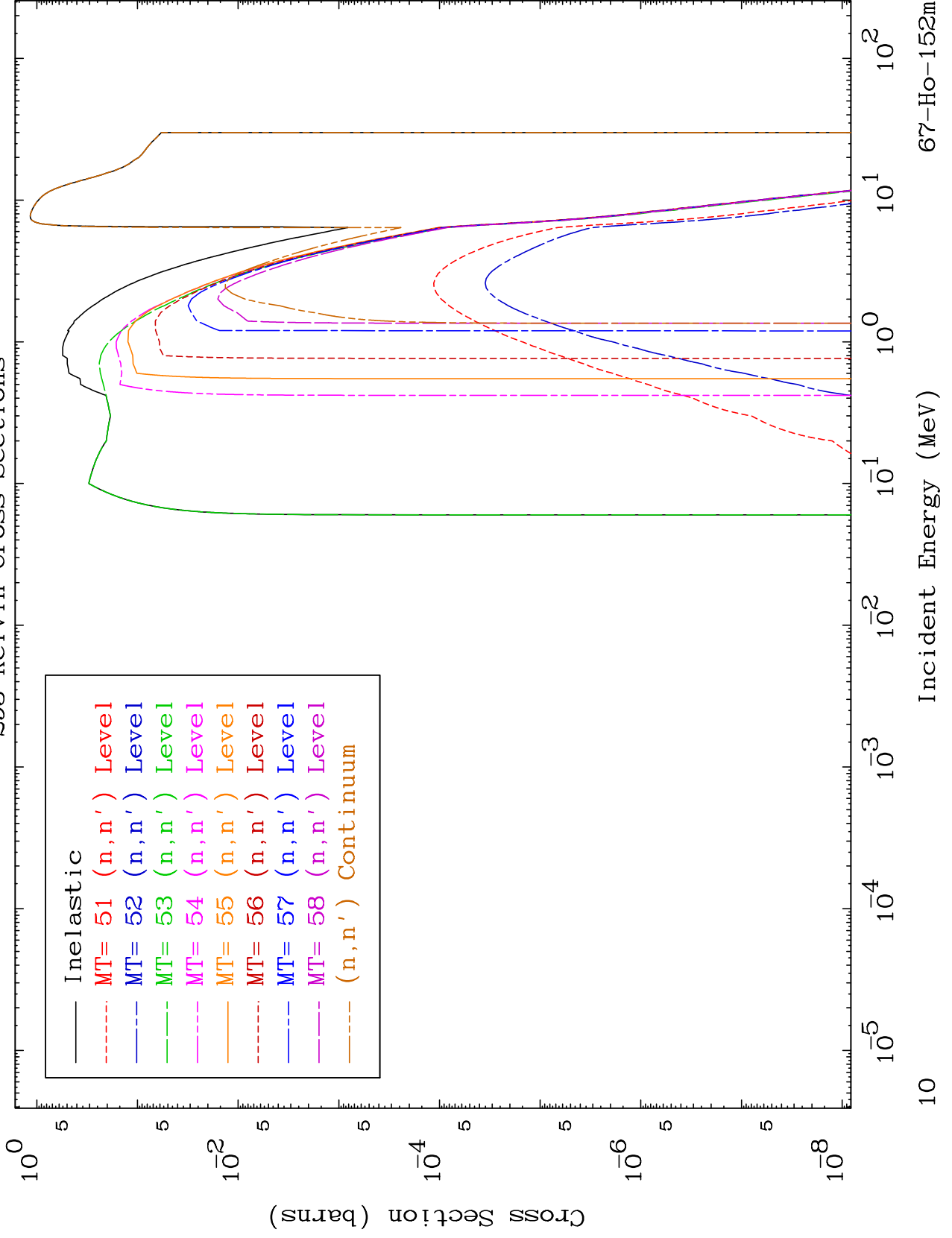
67-Ho-152m



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293 Kelvin Cross Sections  
(n,n') Levels

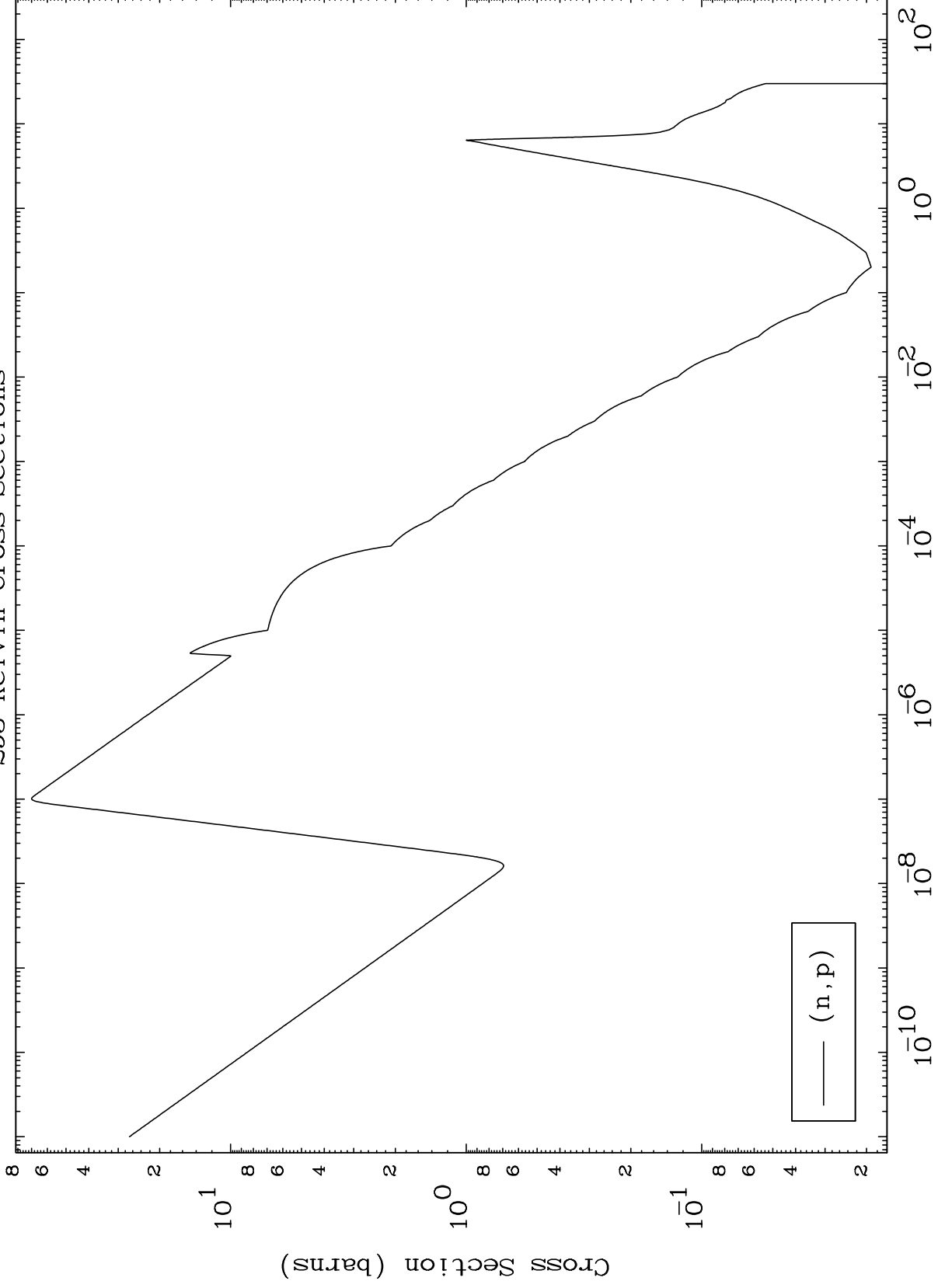
67-Ho-152m



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(n,p) Levels  
293 Kelvin Cross Sections

67-Ho-152m



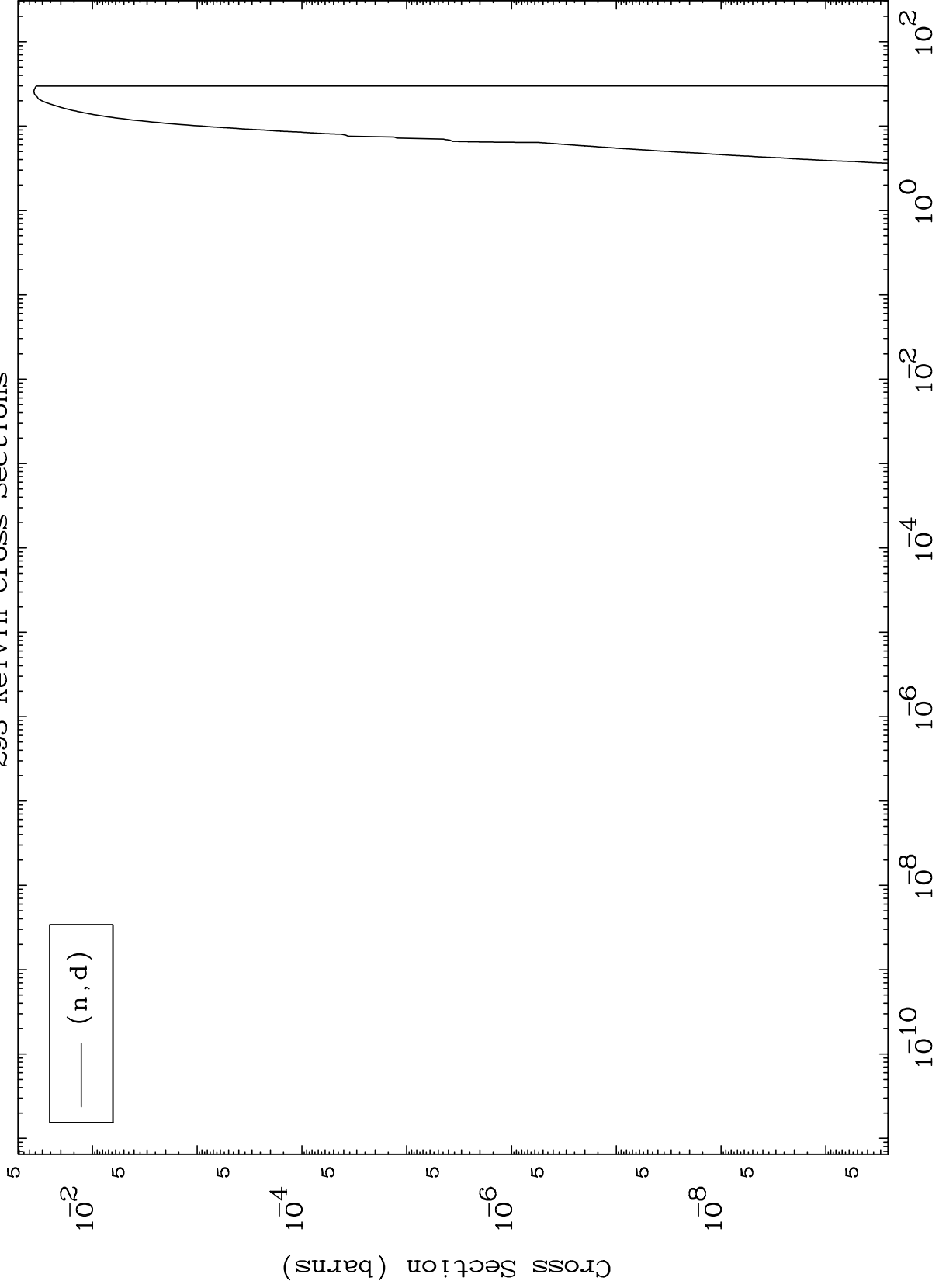
67-Ho-152m

Incident Energy (MeV)

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(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-152m



12

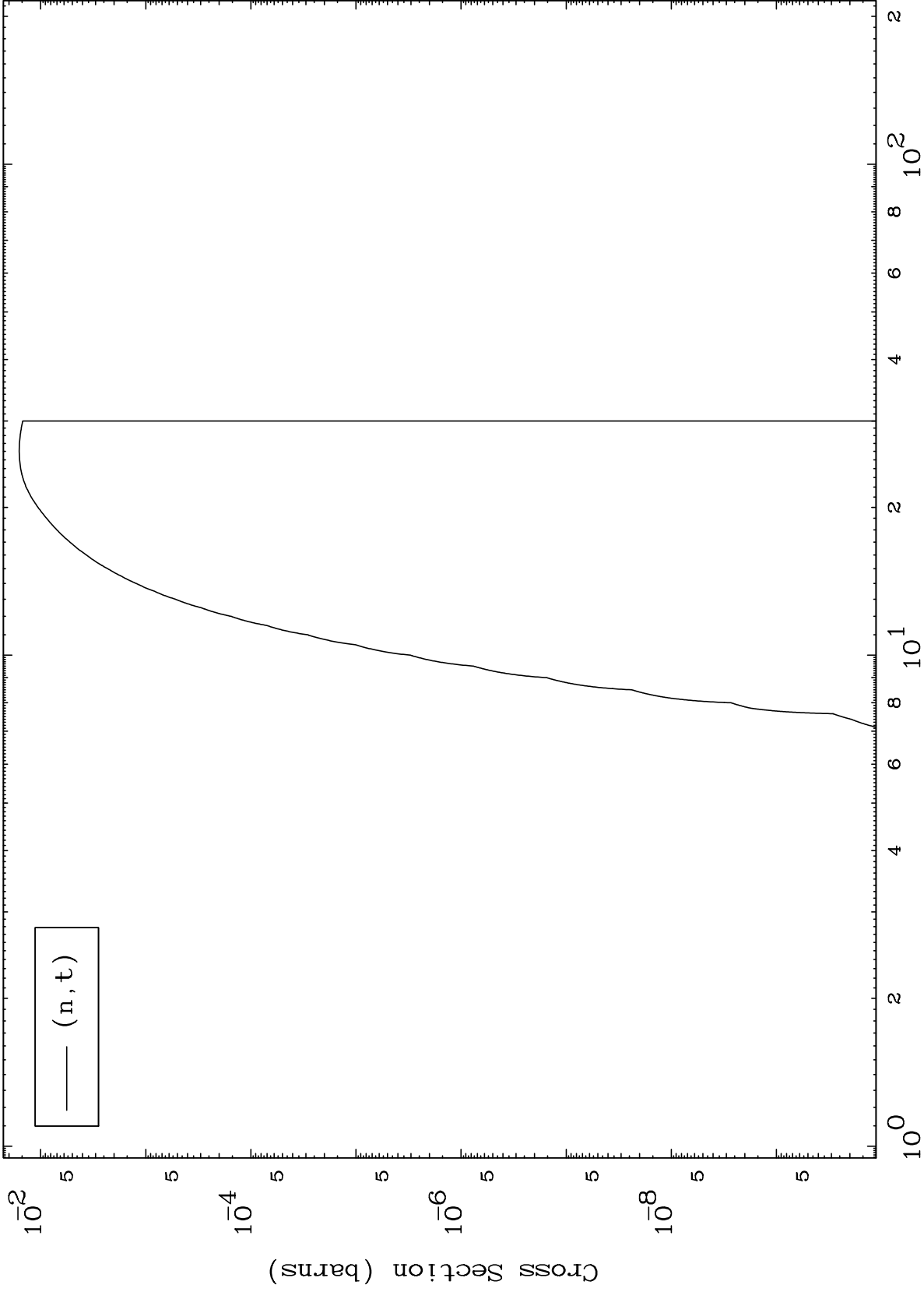
Incident Energy (MeV)

67-Ho-152m

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(n,t) Levels  
293 Kelvin Cross Sections

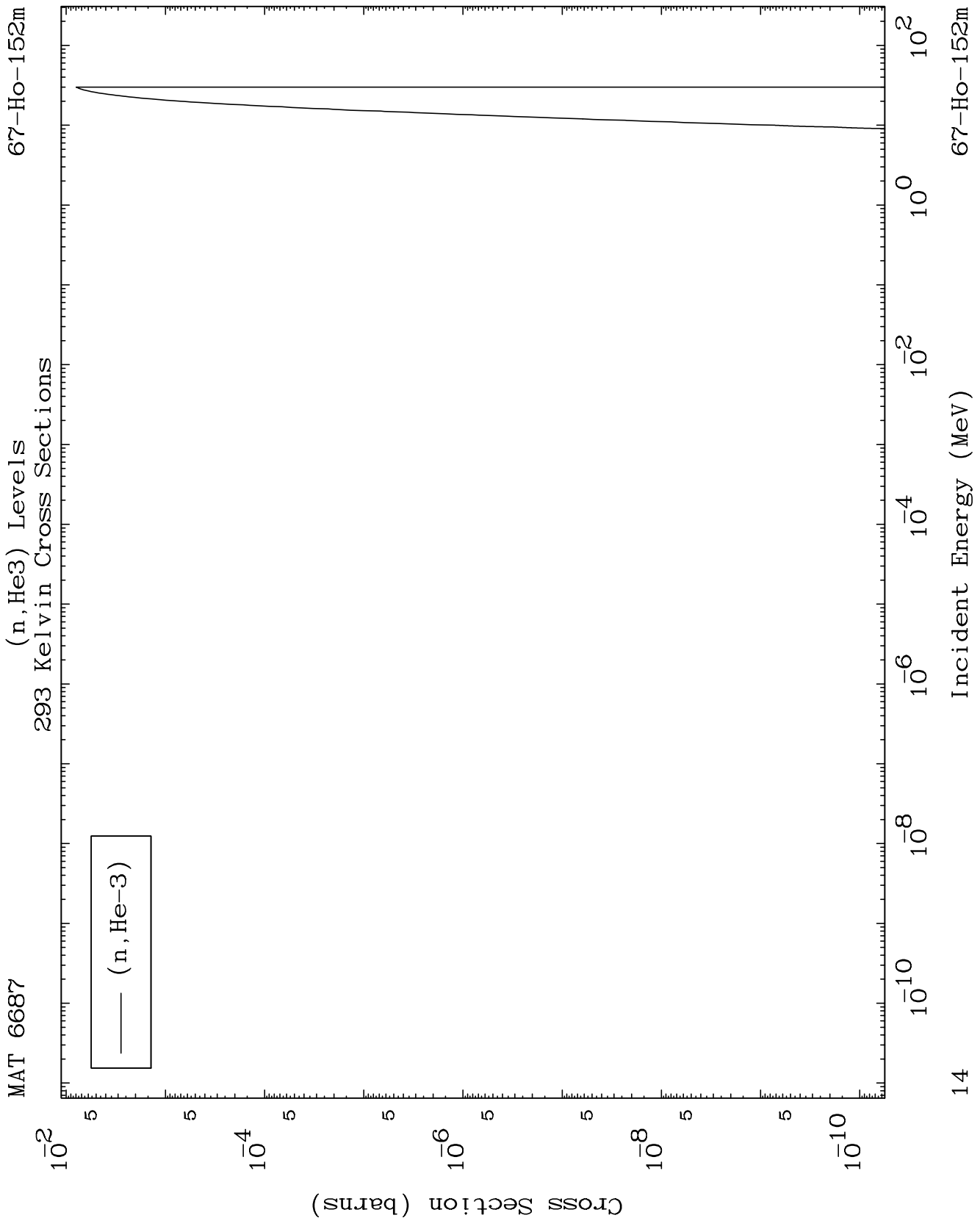
67-Ho-152m



Incident Energy (MeV)

67-Ho-152m

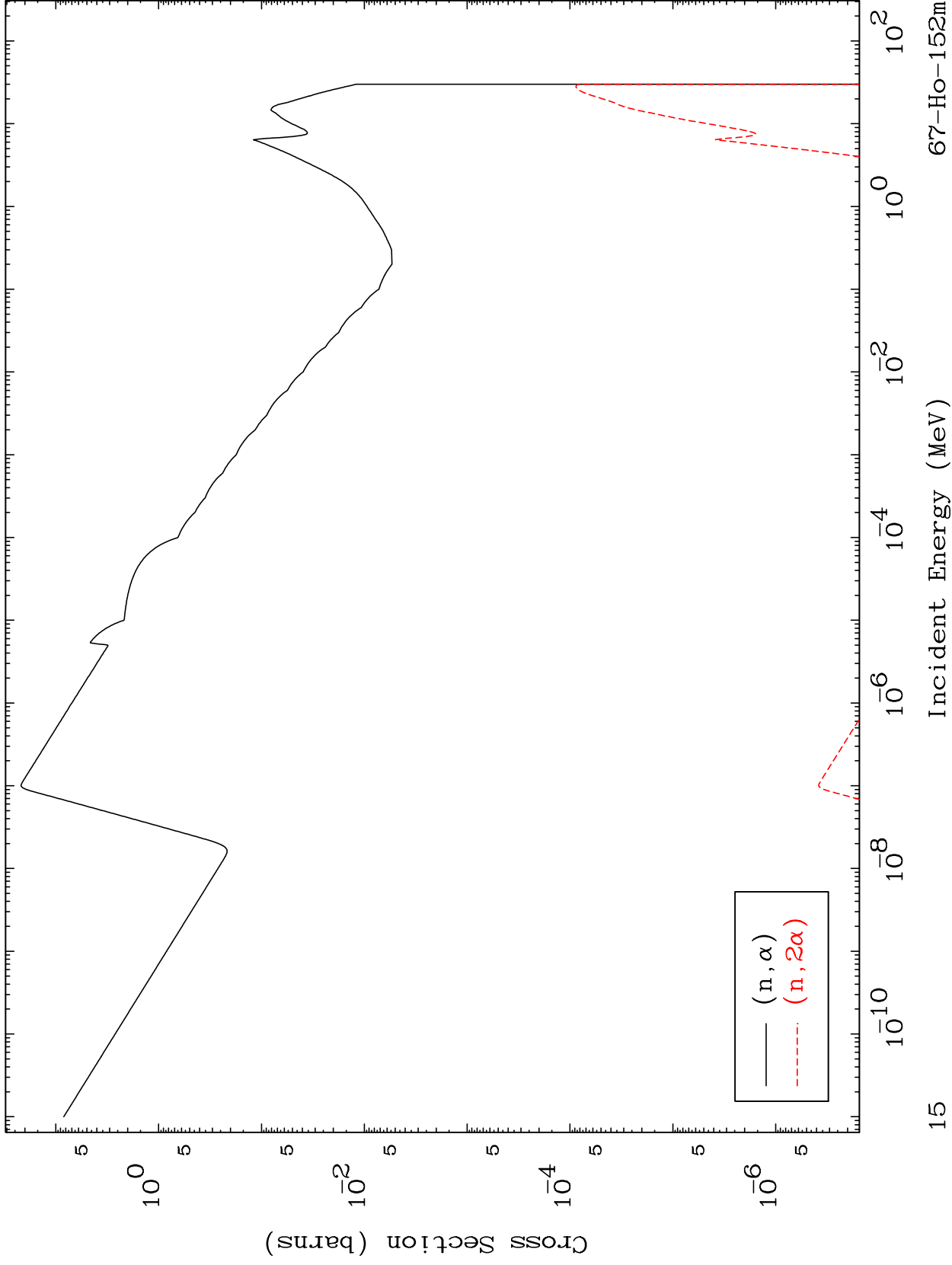
13



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

67-Ho-152m



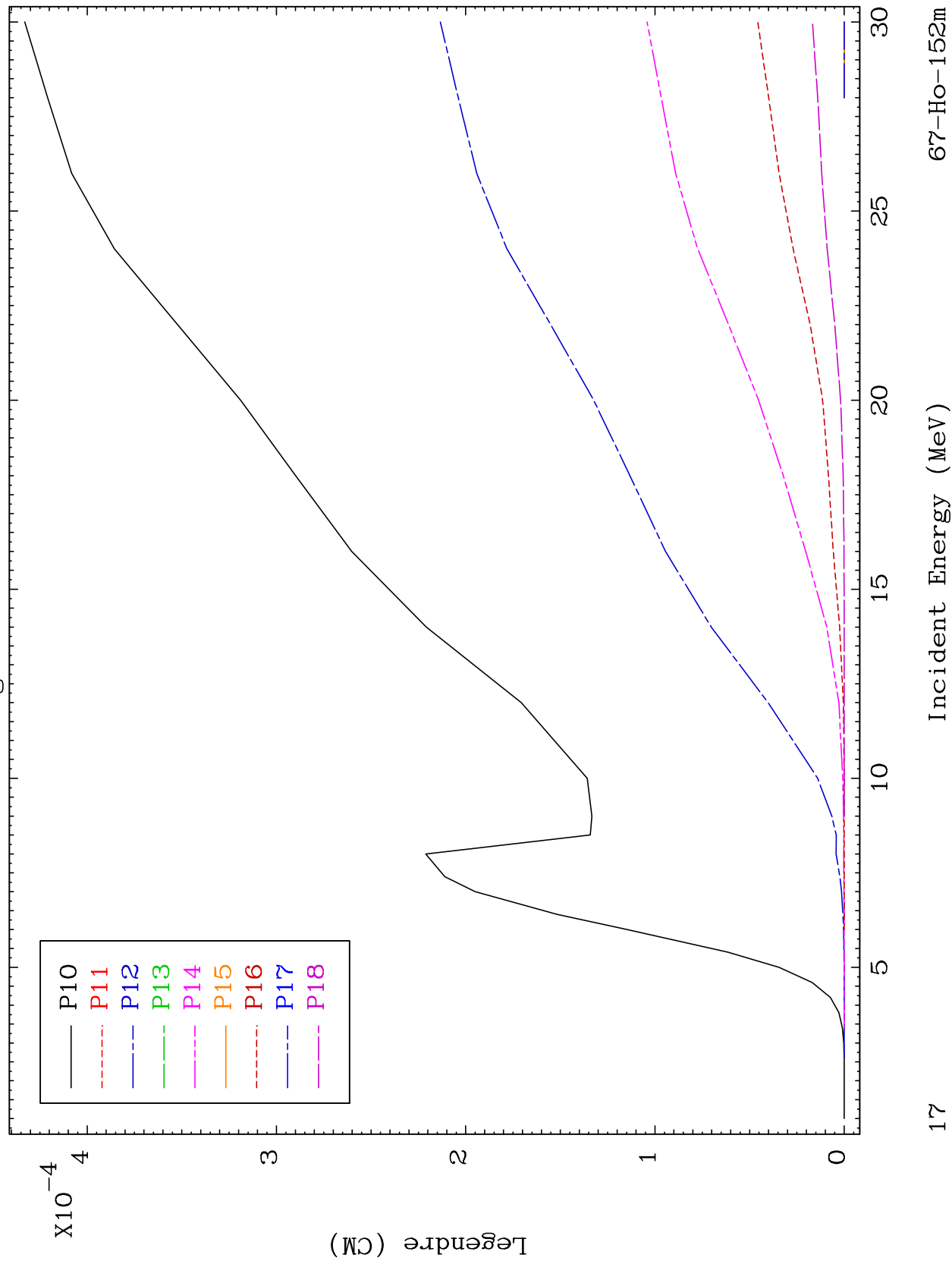




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### Elastic Legendre Coefficients

67-Ho-152m



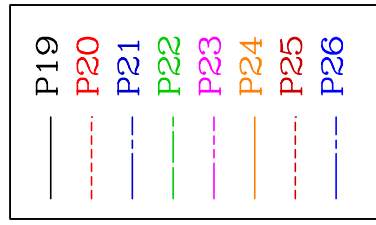
17

67-Ho-152m

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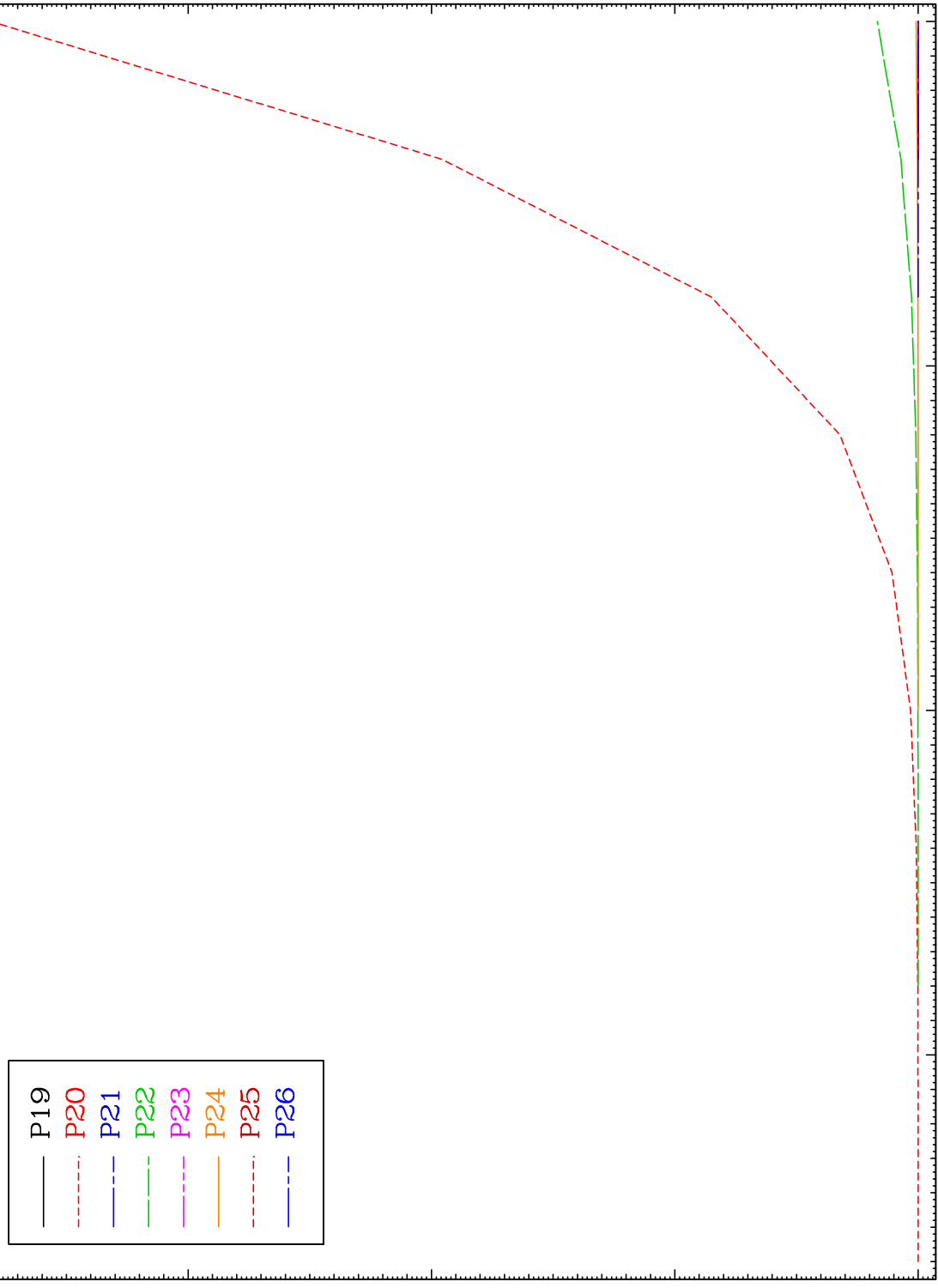
Elastic  
Legendre Coefficients

67-Ho-152m



$\times 10^{-6}$

Legendre (CM)



18

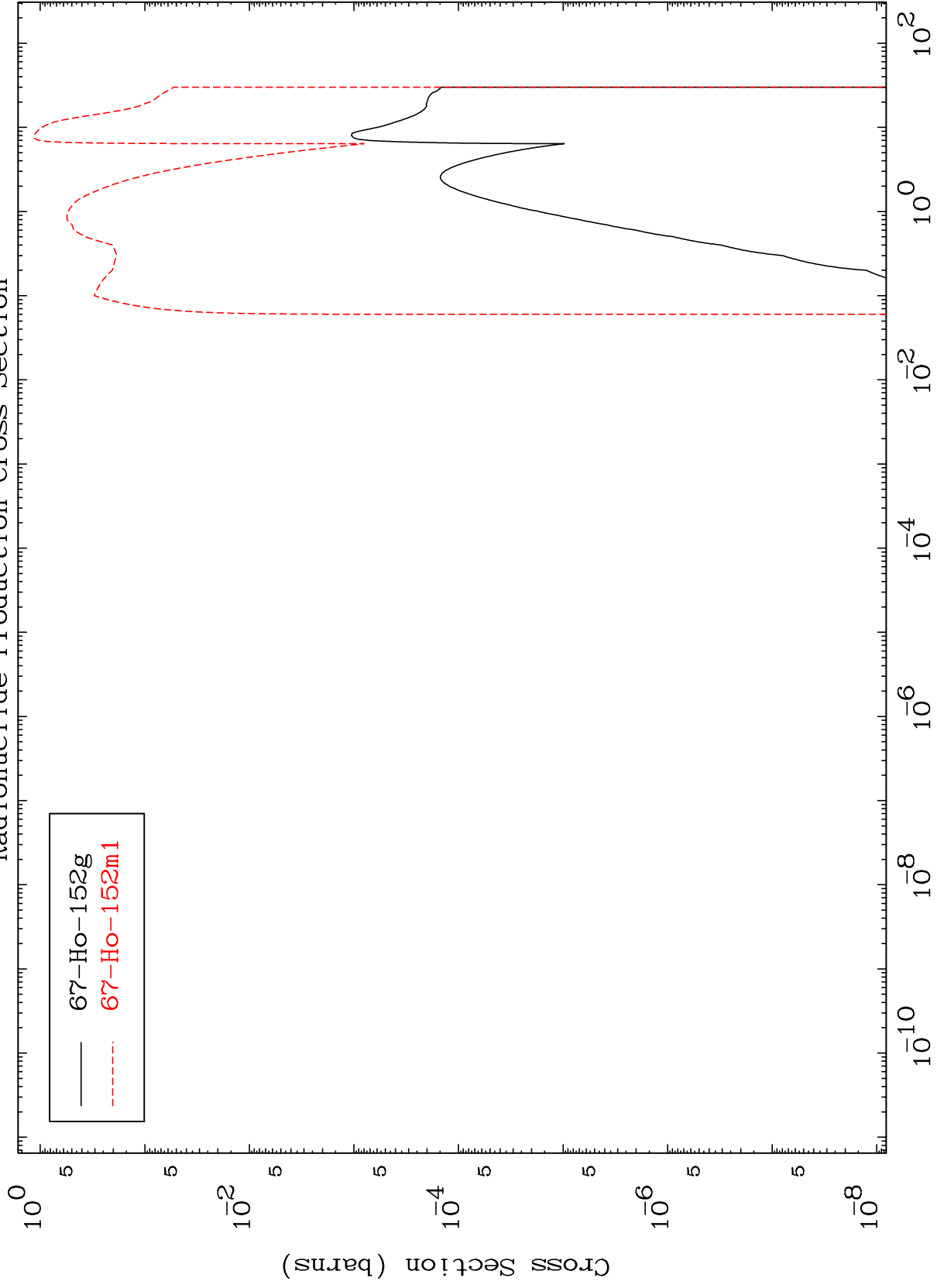
Incident Energy (MeV)

67-Ho-152m

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Inelastic  
Radionuclide Production Cross Section

67-Ho-152m



67-Ho-152g  
67-Ho-152m1

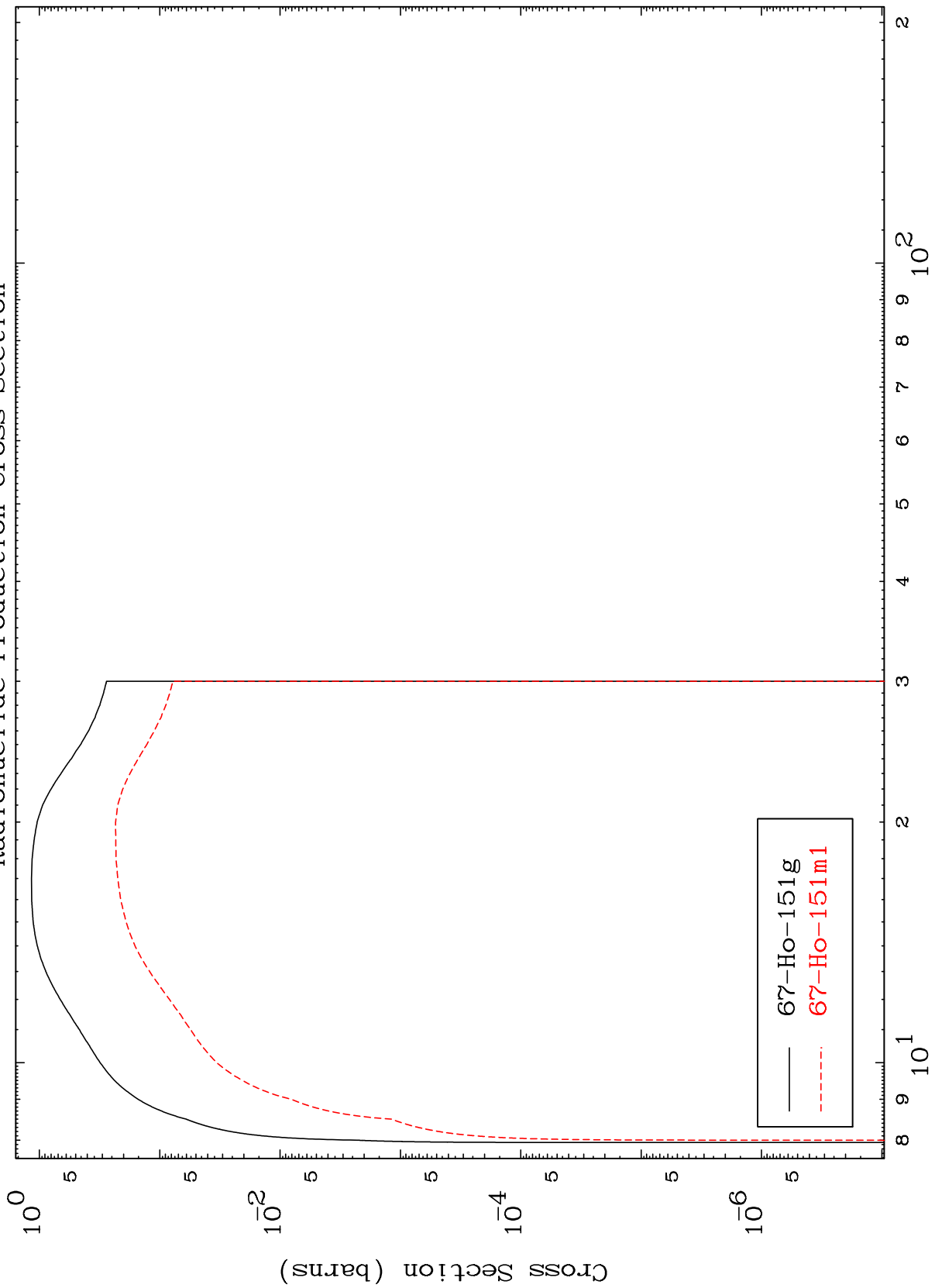
Incident Energy (MeV)

67-Ho-152m

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67-Ho-152m

Radionuclide Production Cross Section  
(n,2n)



67-Ho-151g  
67-Ho-151m1

67-Ho-152m

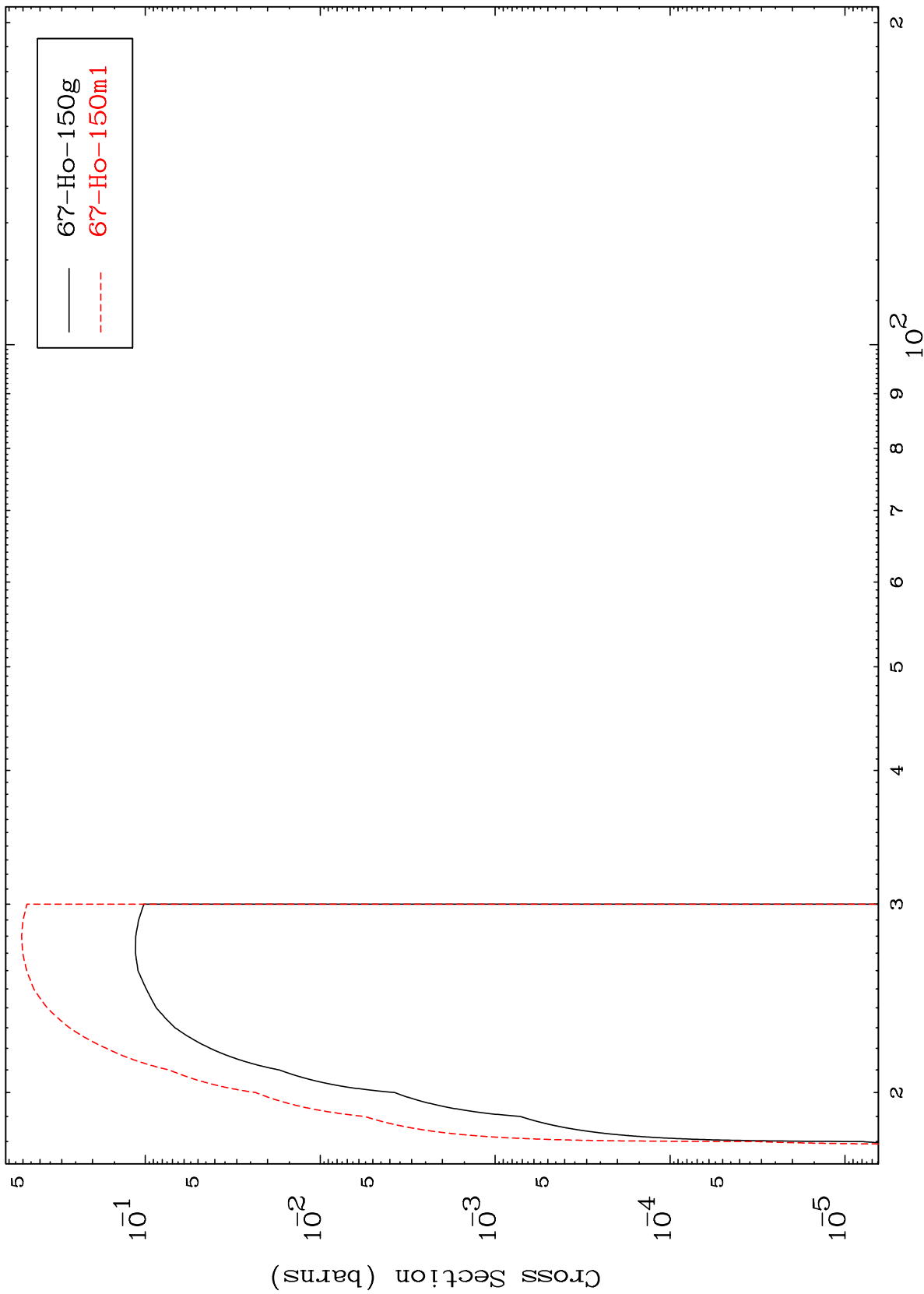
Incident Energy (MeV)

20

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67-Ho-152m

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

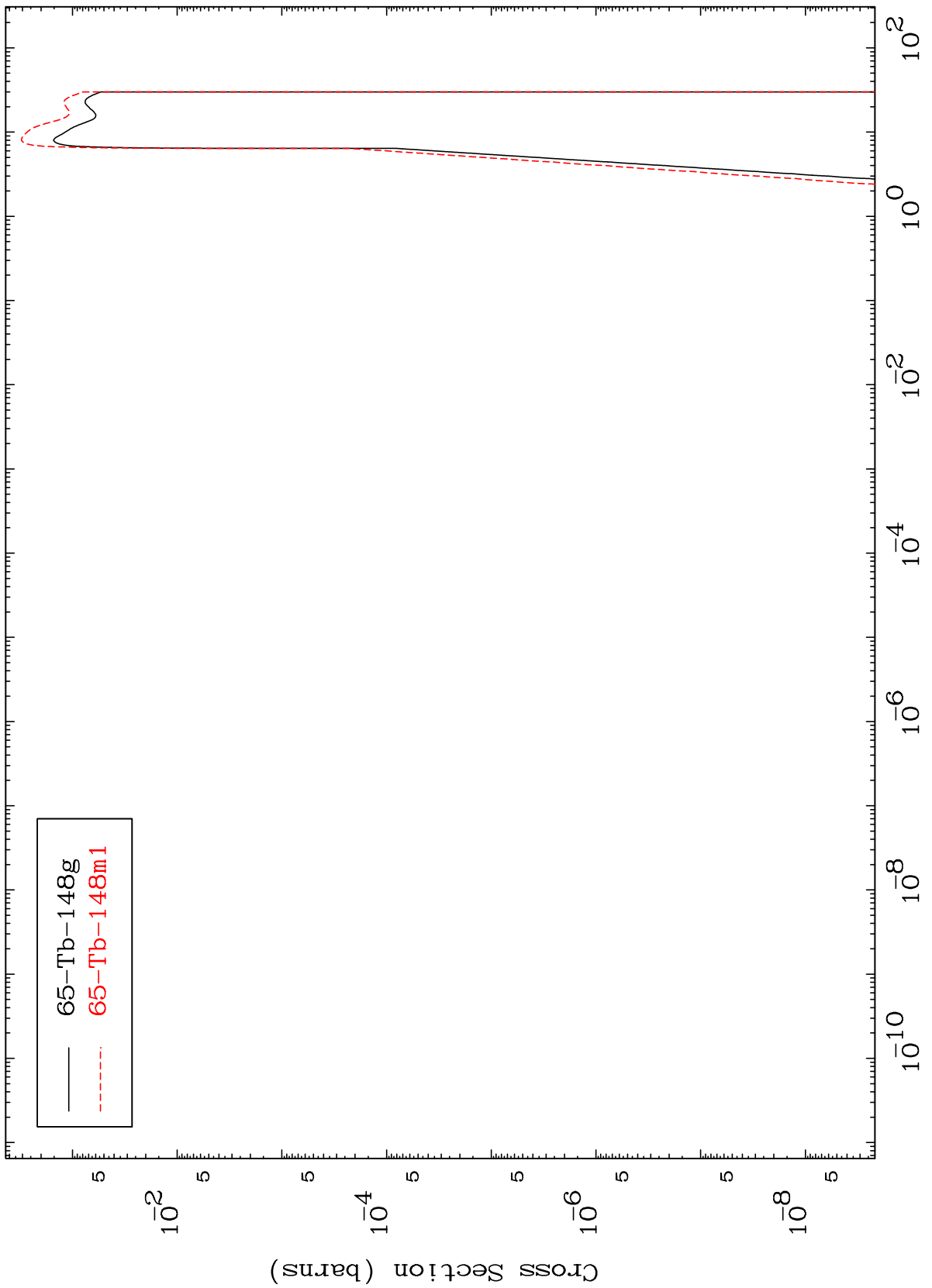
67-Ho-152m

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$(n, n') \alpha$

67-Ho-152m

Radionuclide Production Cross Section

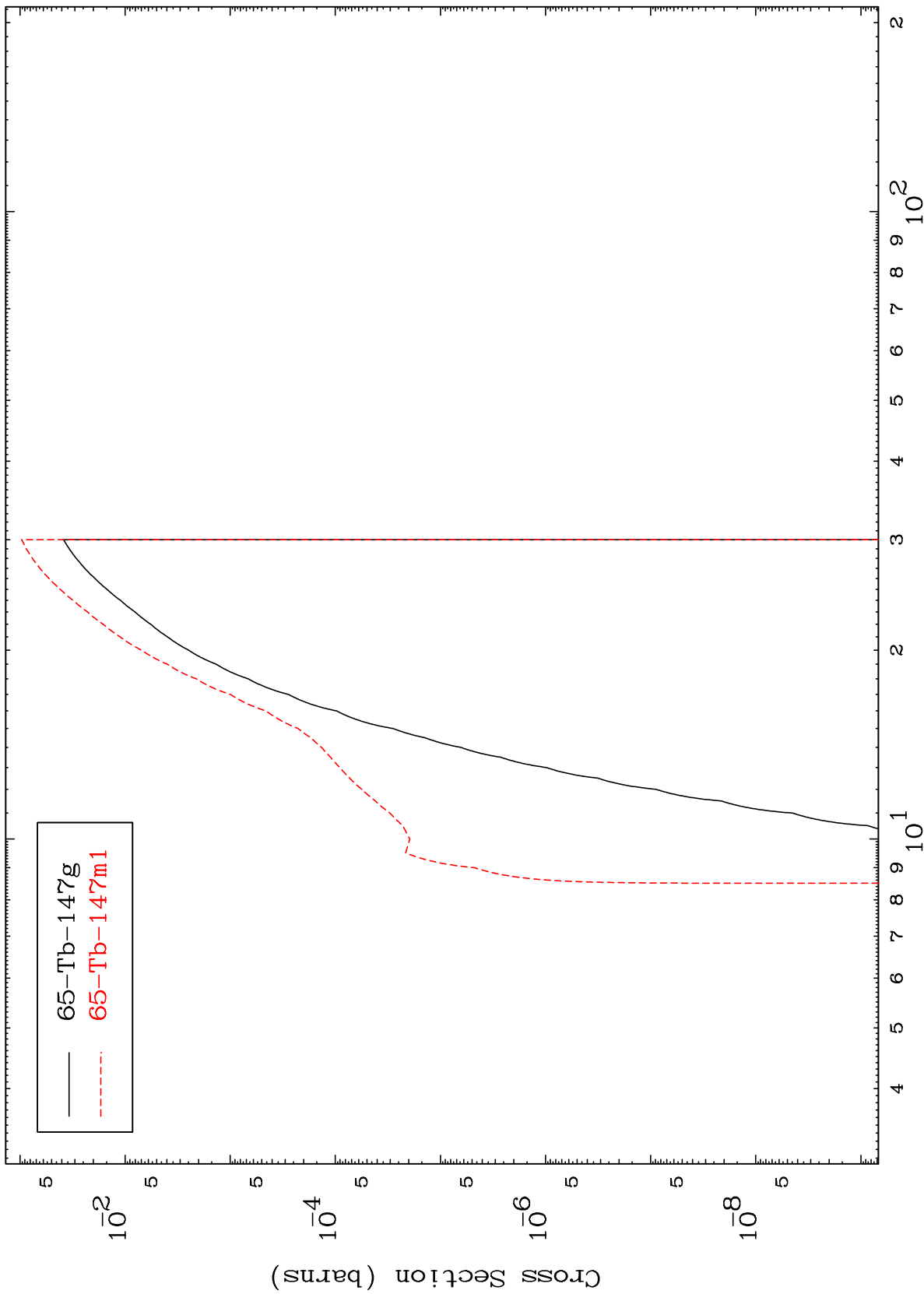


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(n,2n)  $\alpha$

67-Ho-152m

Radionuclide Production Cross Section



Incident Energy (MeV)

67-Ho-152m

23

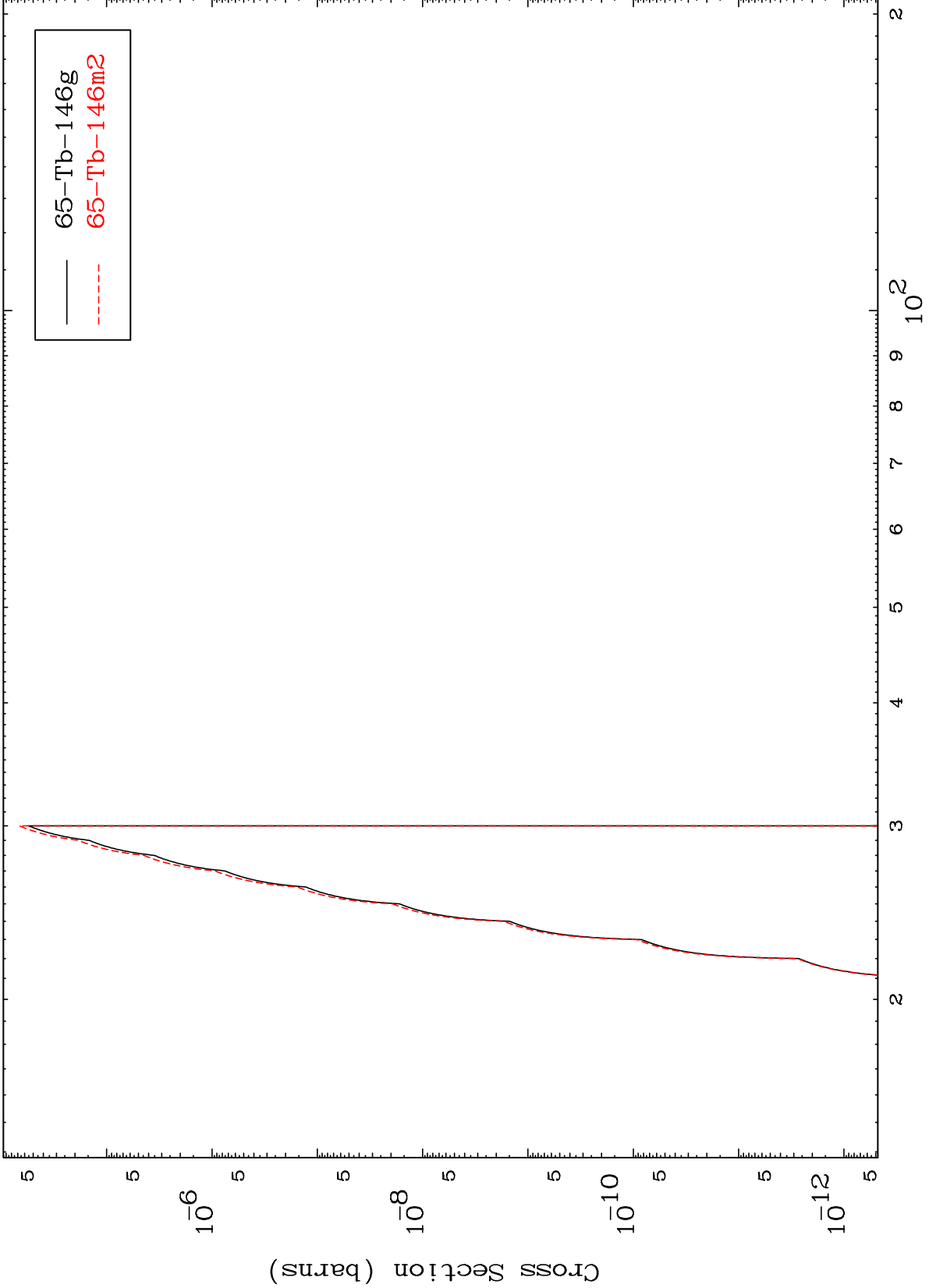


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(n,3n)  $\alpha$

67-Ho-152m

Radionuclide Production Cross Section

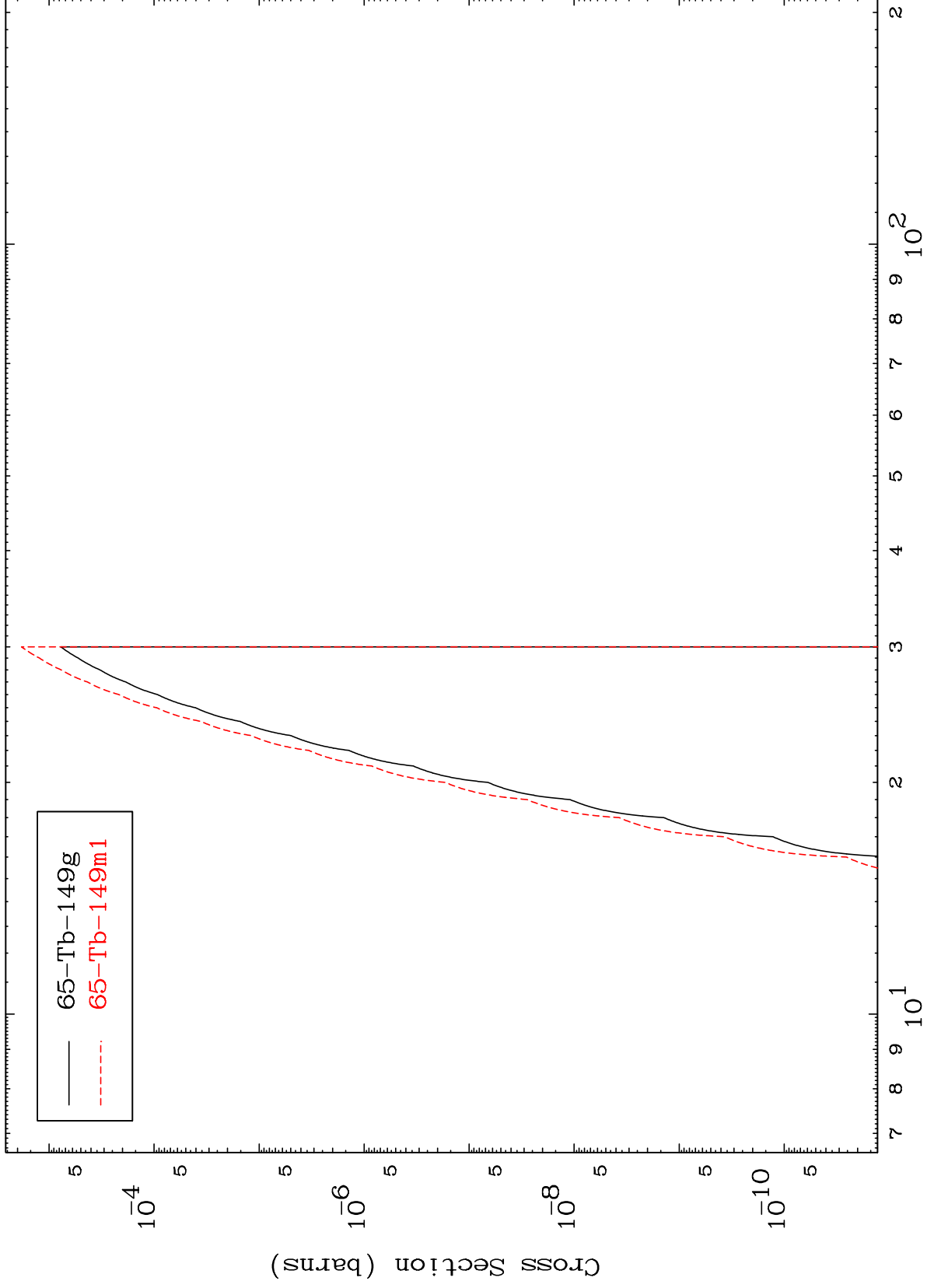


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(n,n') He-3

67-Ho-152m

Radionuclide Production Cross Section



25

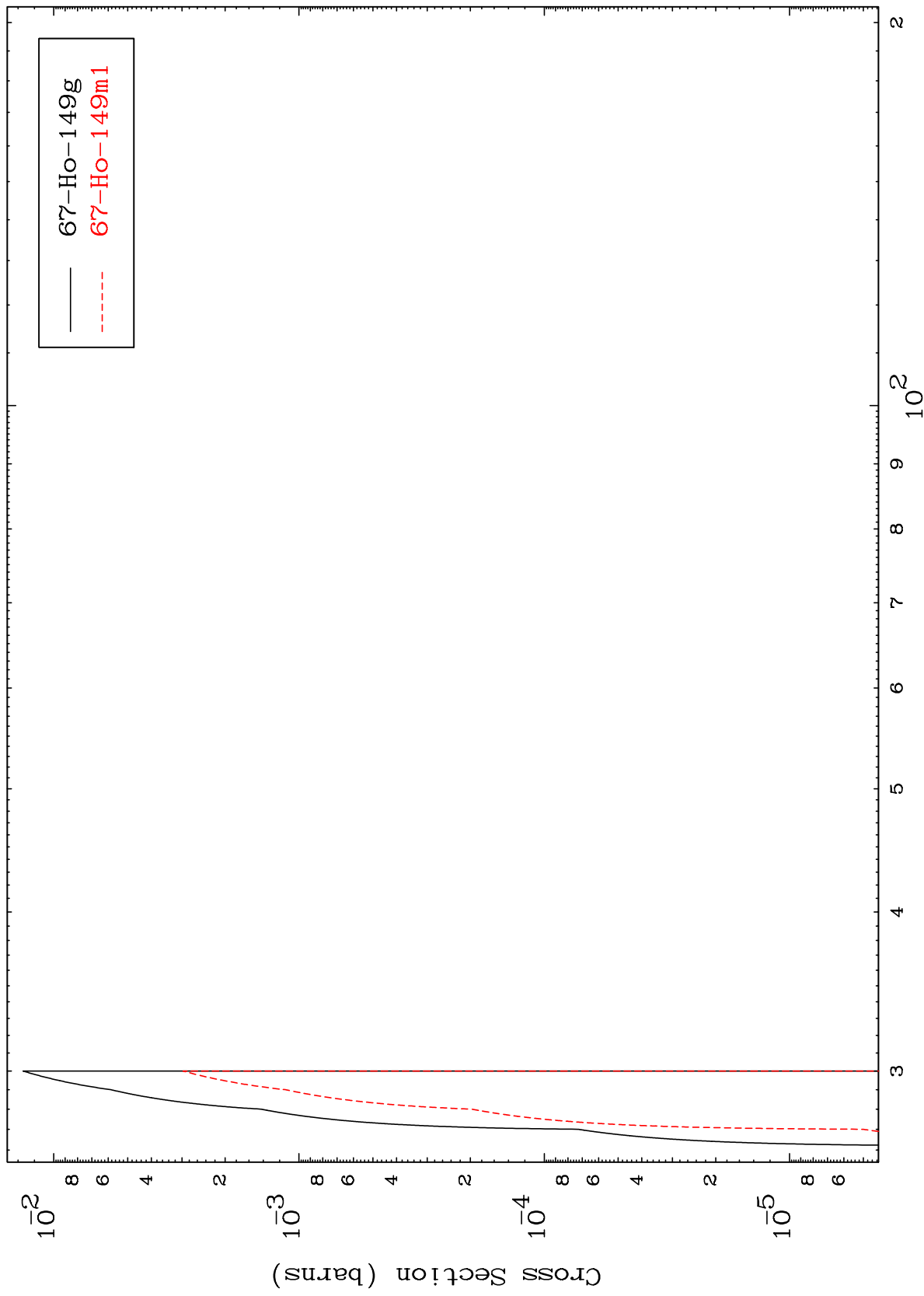
Incident Energy (MeV)

67-Ho-152m

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67-Ho-152m

(n,4n)  
Radionuclide Production Cross Section



26

67-Ho-152m

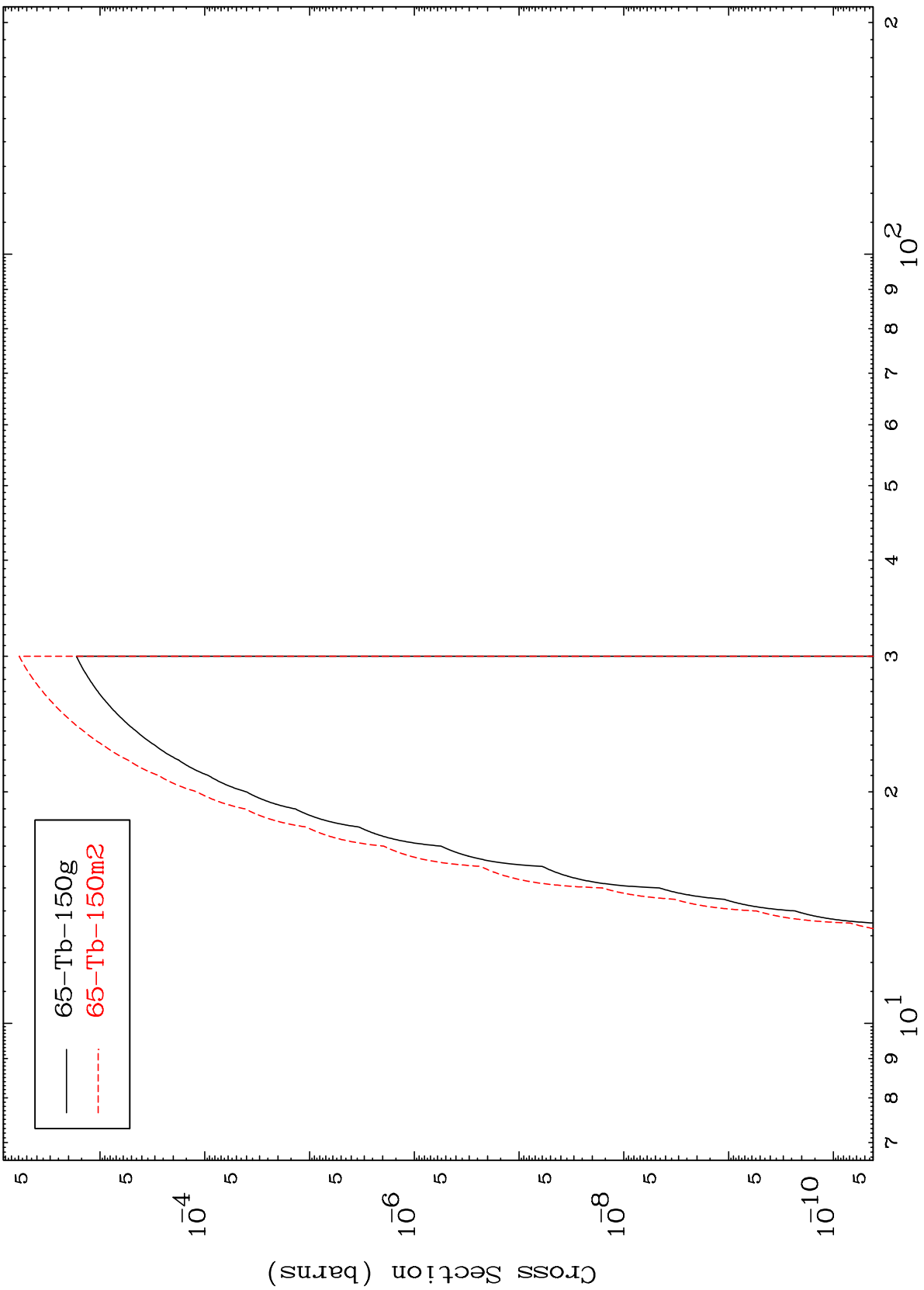
Incident Energy (MeV)

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(n,2n) p

67-Ho-152m

Radionuclide Production Cross Section



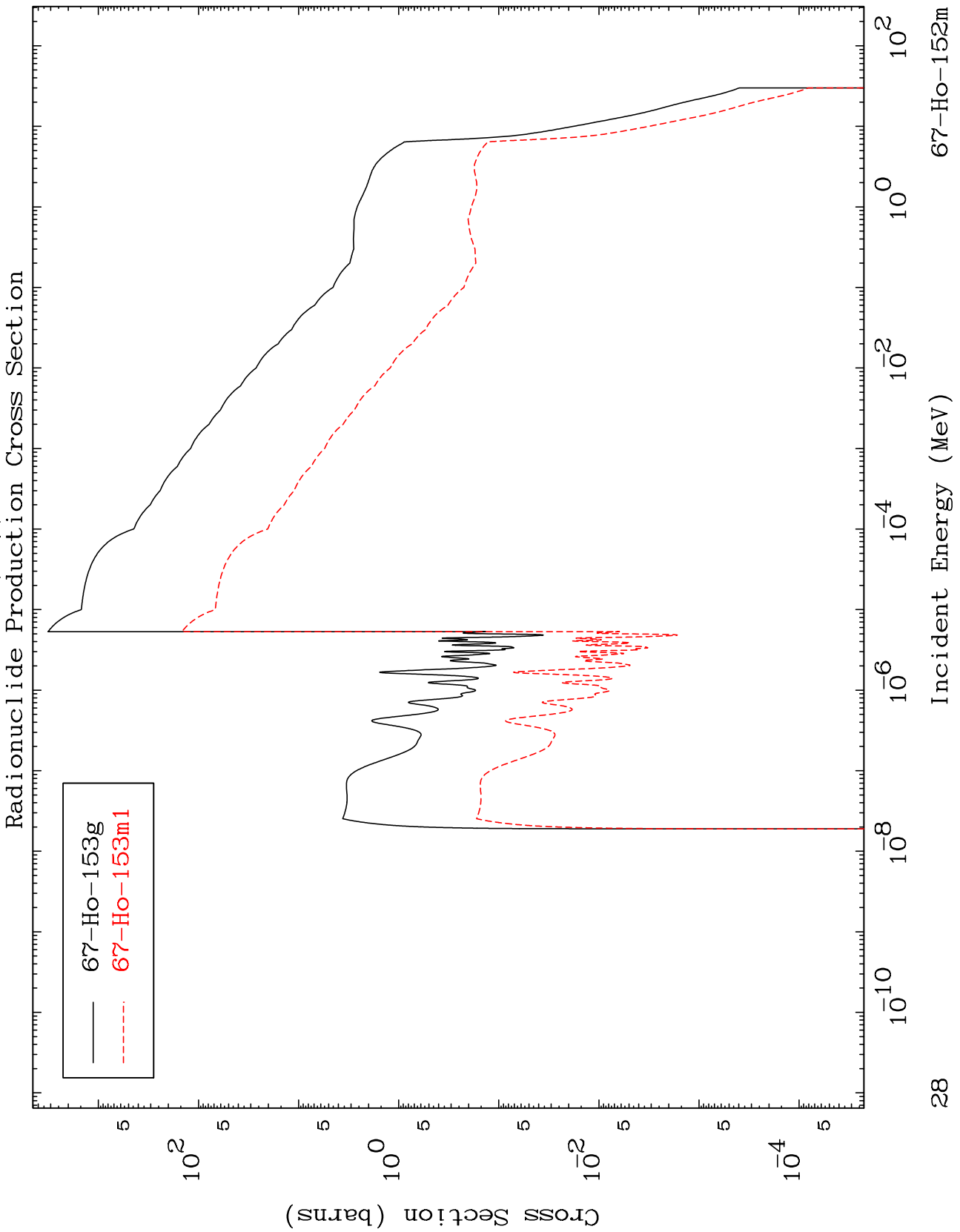
27

Incident Energy (MeV)

67-Ho-152m

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67-Ho-152m

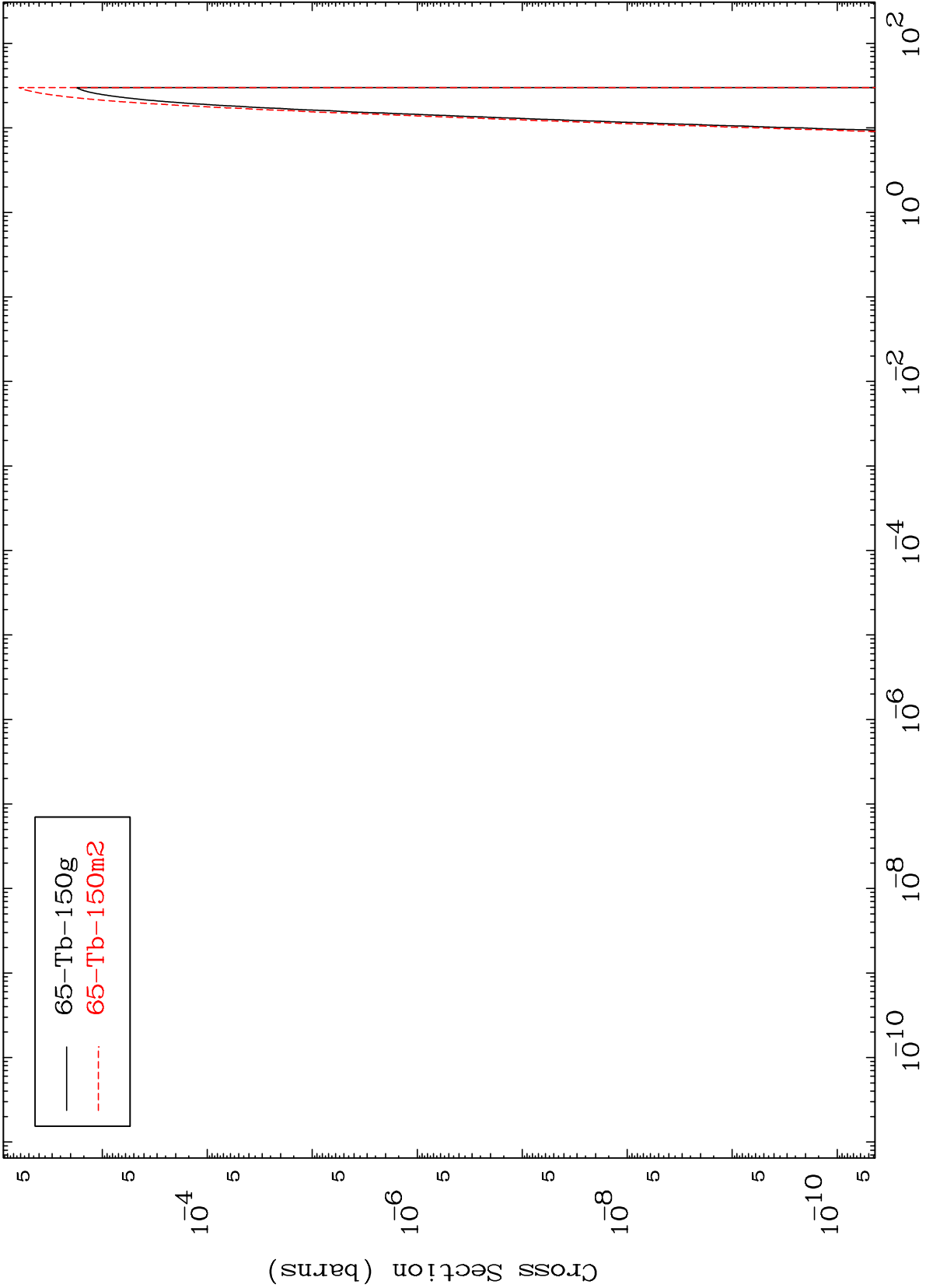


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(n,He-3)

67-Ho-152m

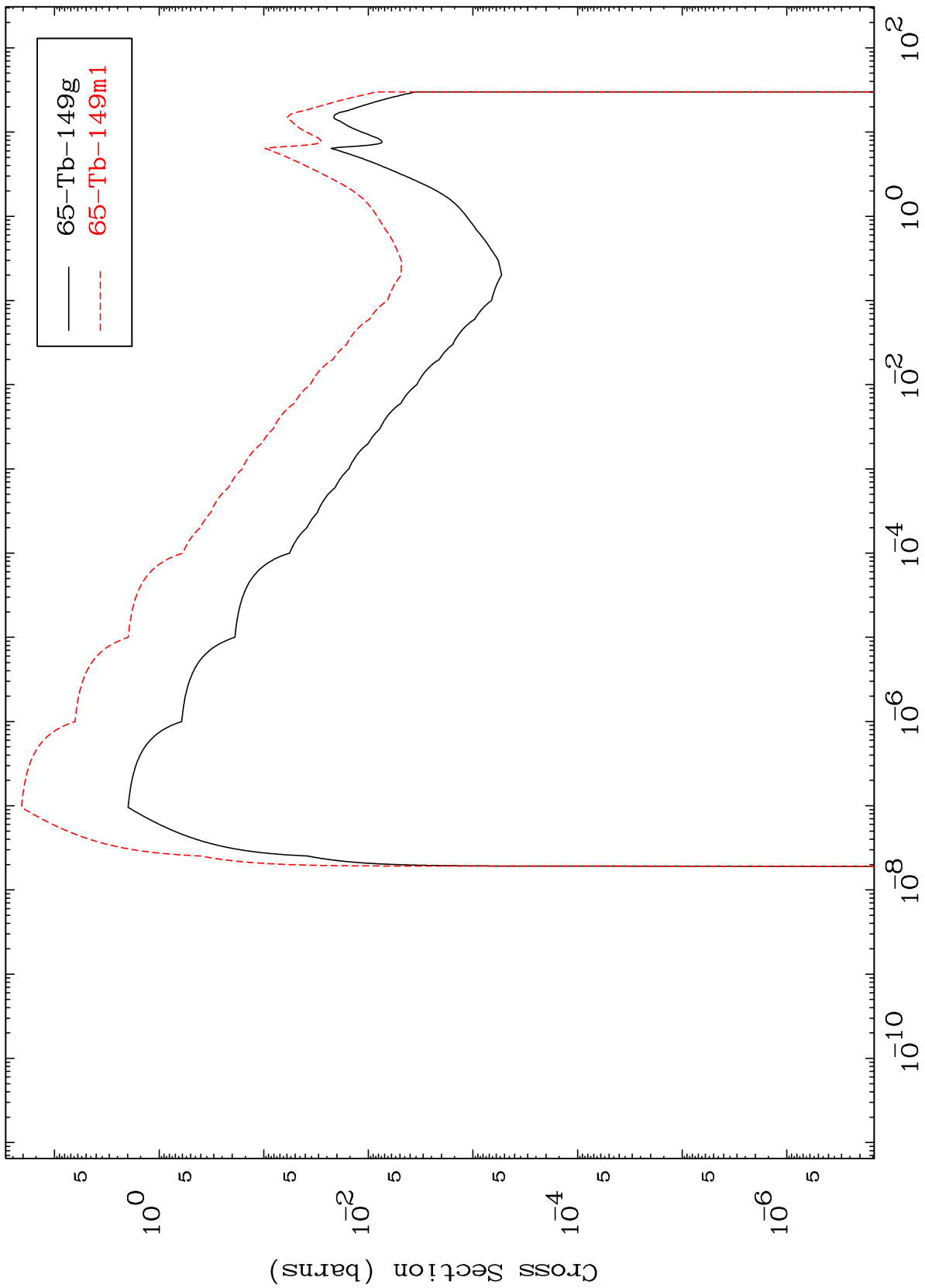
Radionuclide Production Cross Section



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67-Ho-152m

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



30

67-Ho-152m

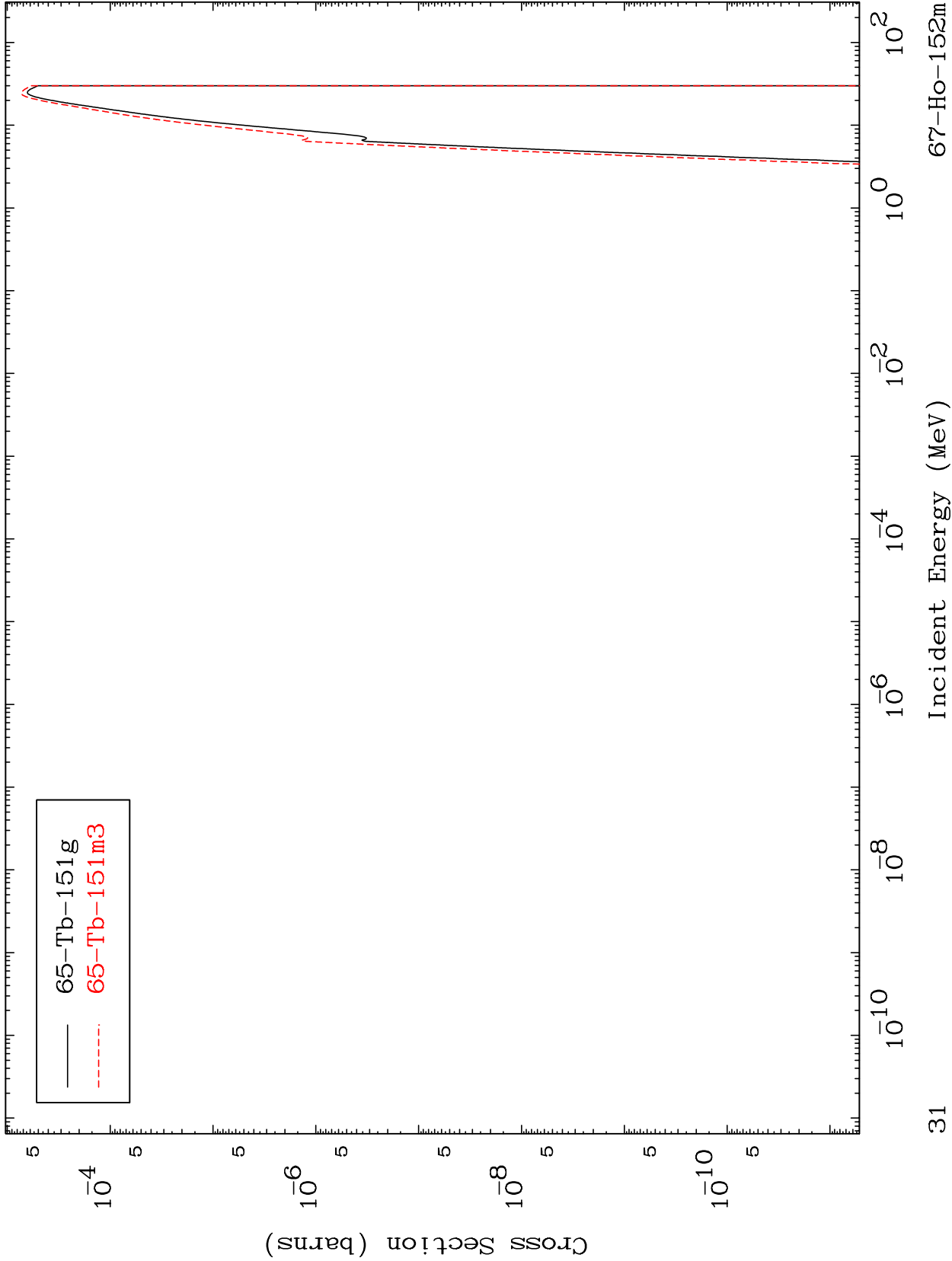
Incident Energy (MeV)

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(n,2p)

67-Ho-152m

Radionuclide Production Cross Section



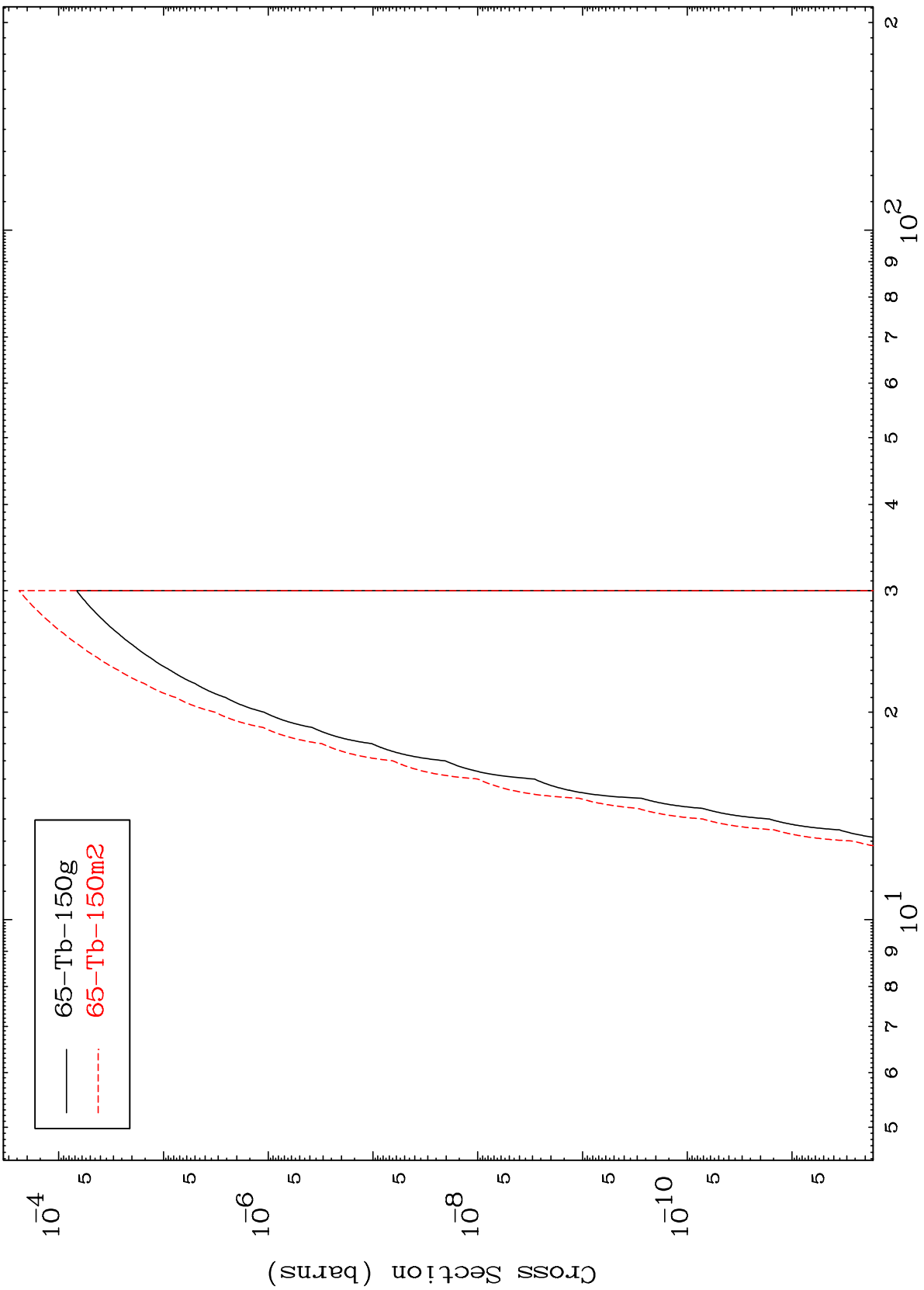


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(n,p) d

67-Ho-152m

Radionuclide Production Cross Section



65-Tb-150g  
65-Tb-150m2

Incident Energy (MeV)

67-Ho-152m

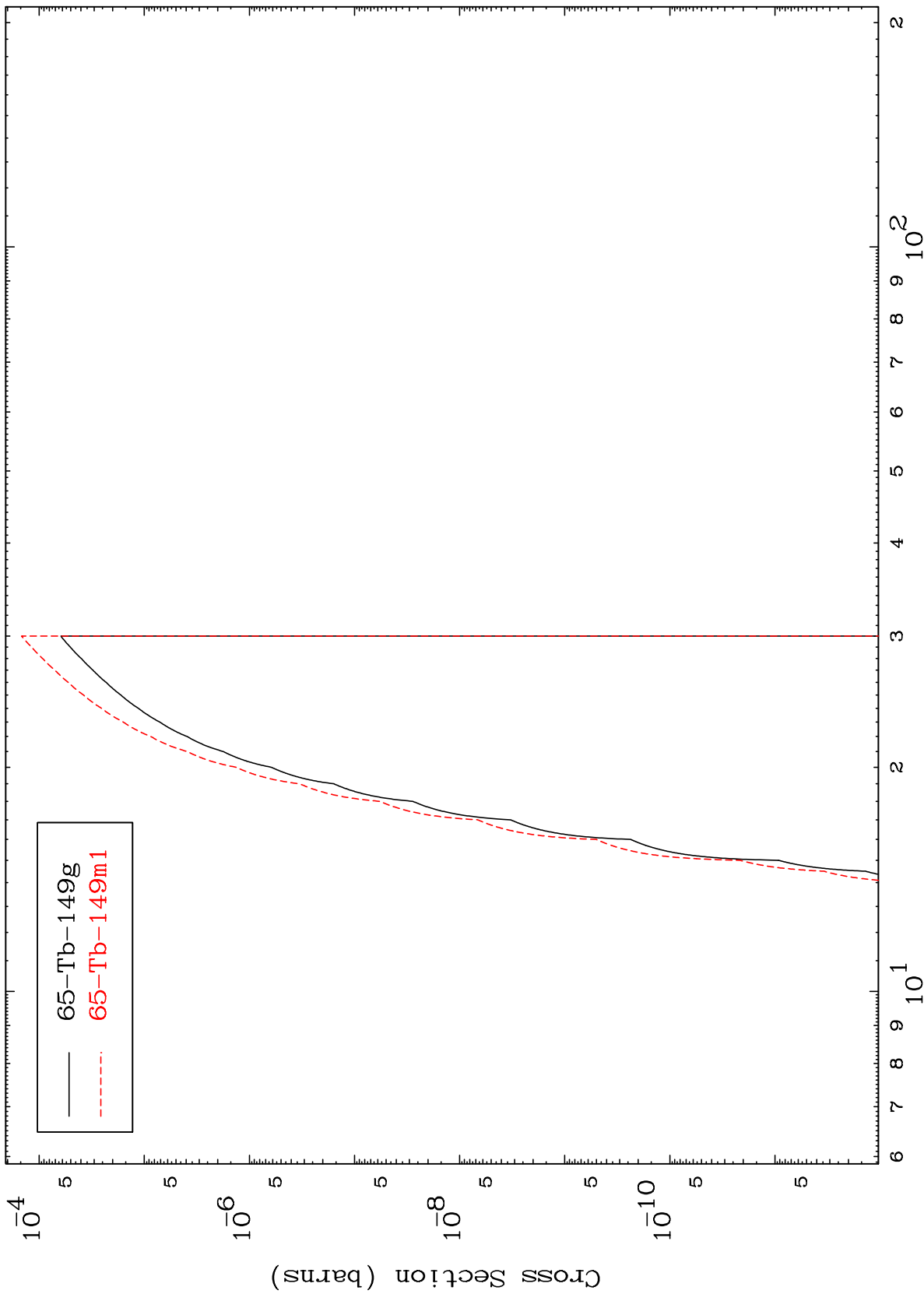
32

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(n,p) t

67-Ho-152m

Radionuclide Production Cross Section



Incident Energy (MeV)

67-Ho-152m