

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

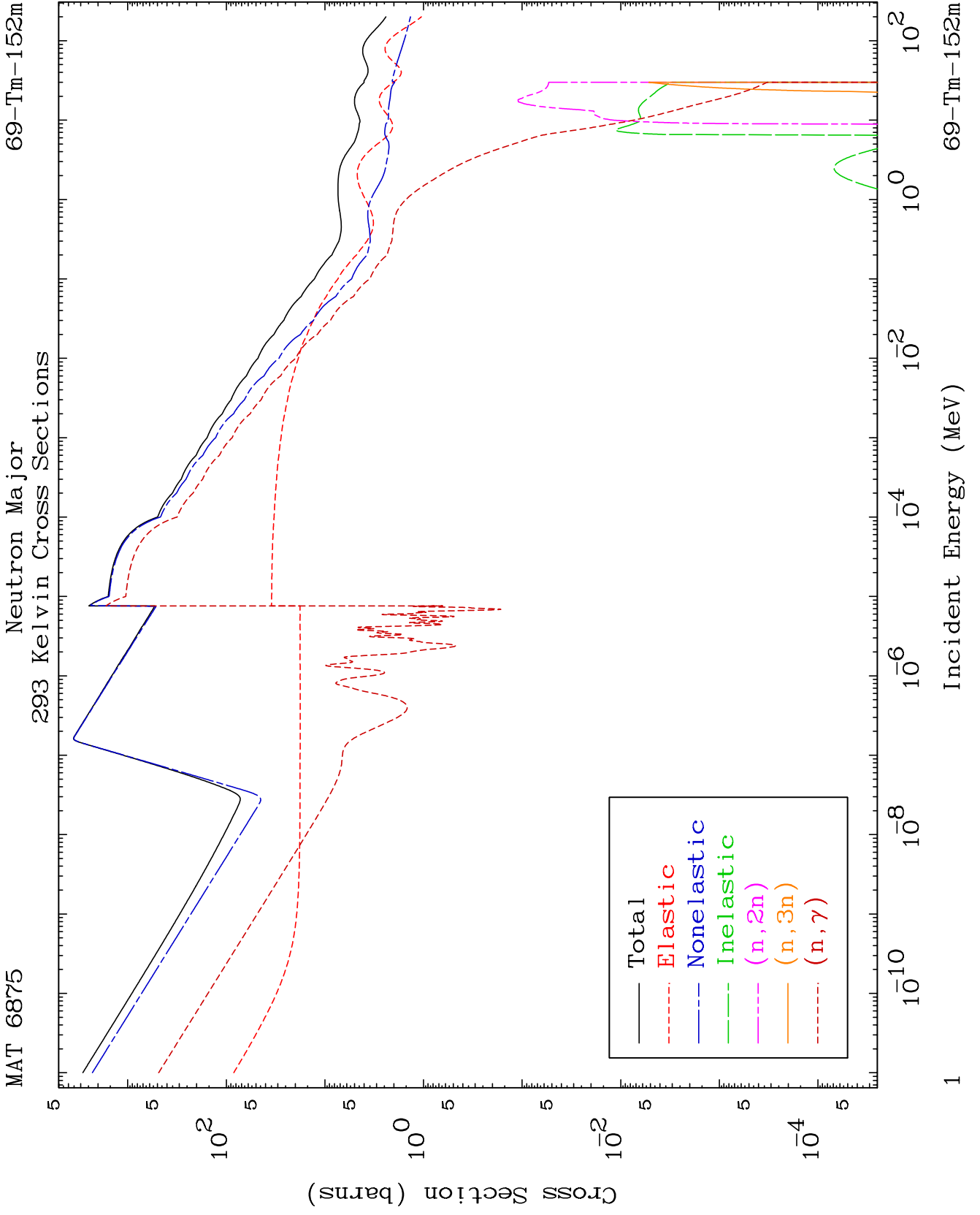
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Web:redcullen1.net/HOMEPAGE.NEW

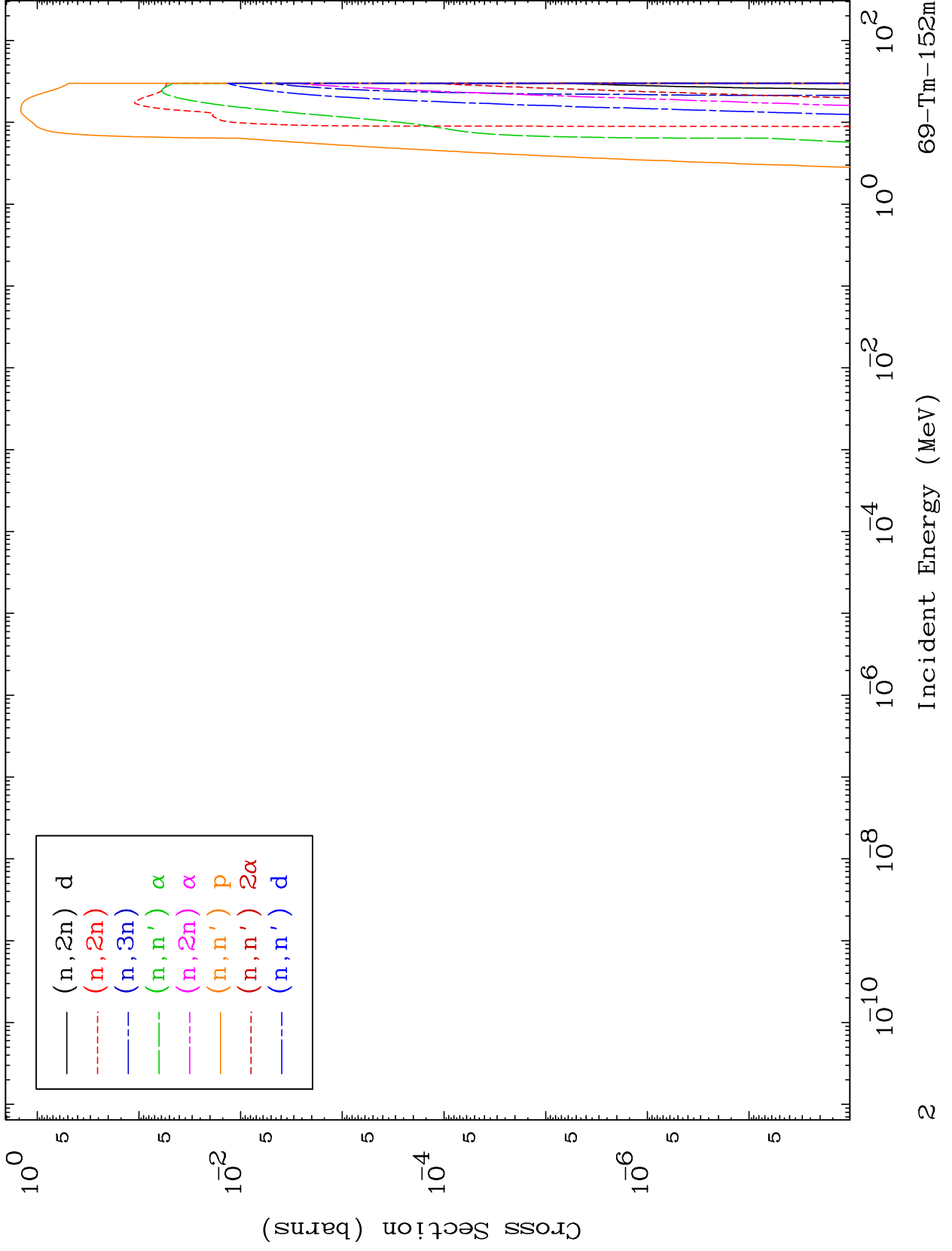
Press Mouse Button to Start



MAT 6875

Neutron Absorption
293 Kelvin Cross Sections

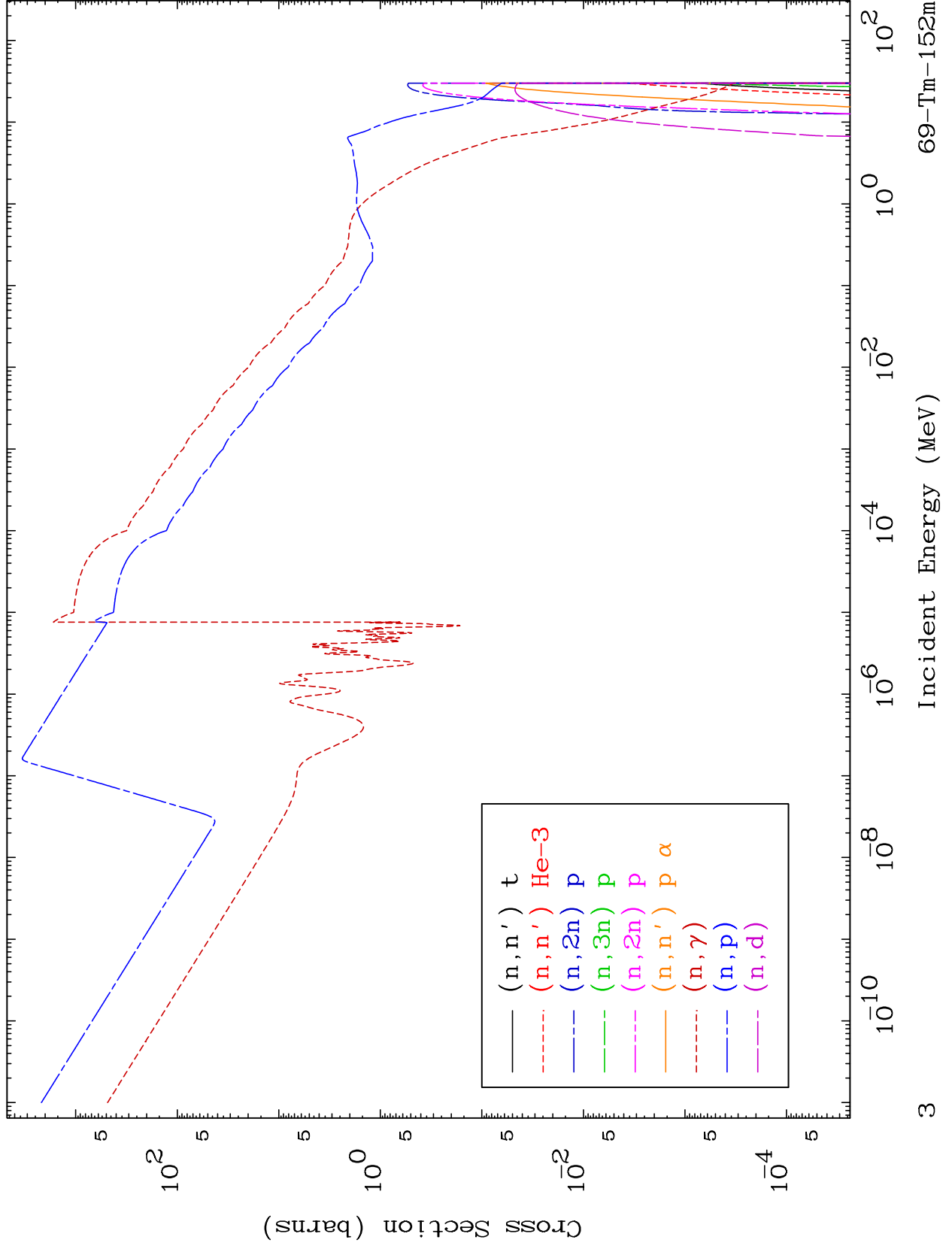
69-Tm-152m



MAT 6875

Neutron Absorption
293 Kelvin Cross Sections

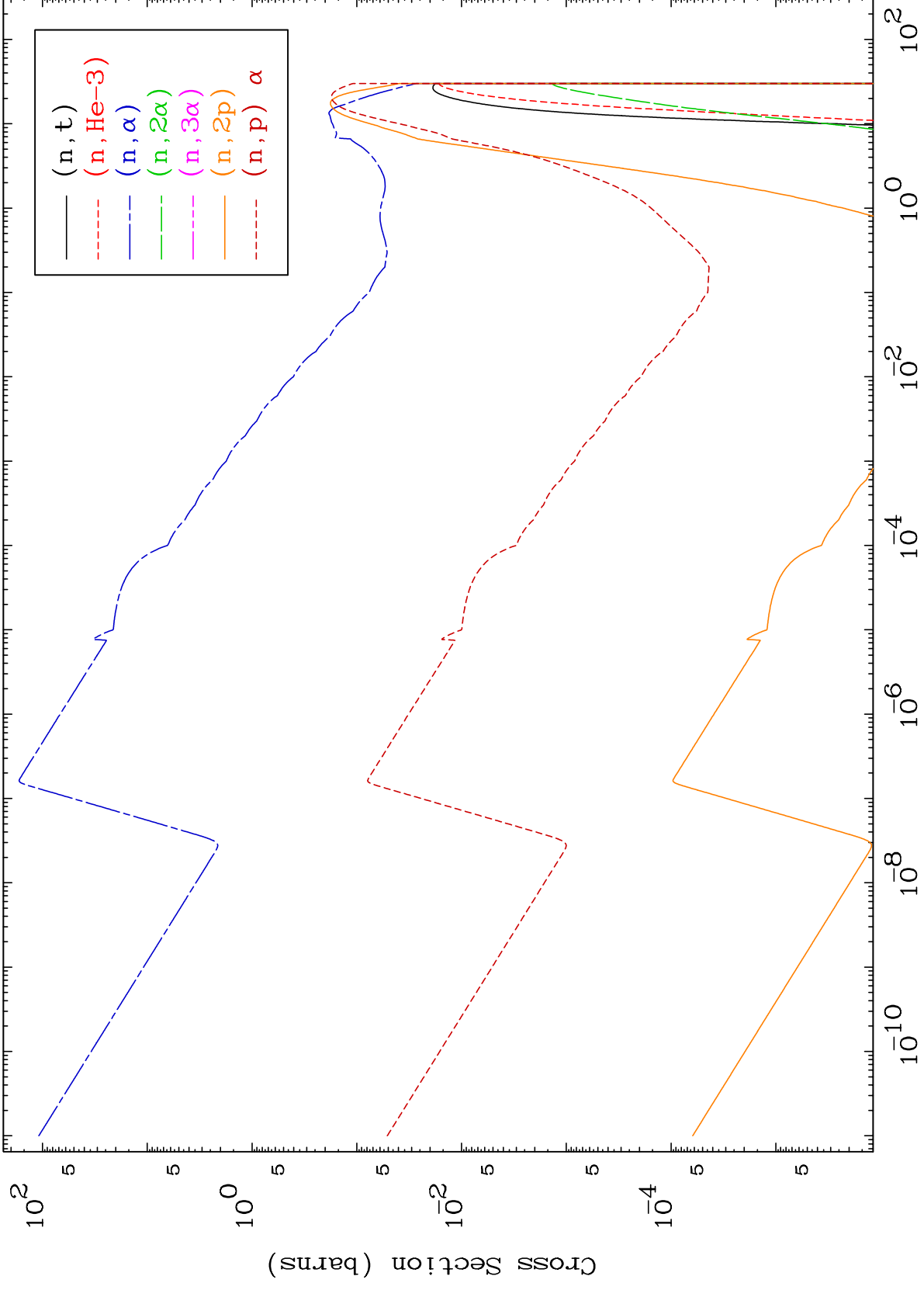
69-Tm-152m



MAT 6875

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-152m

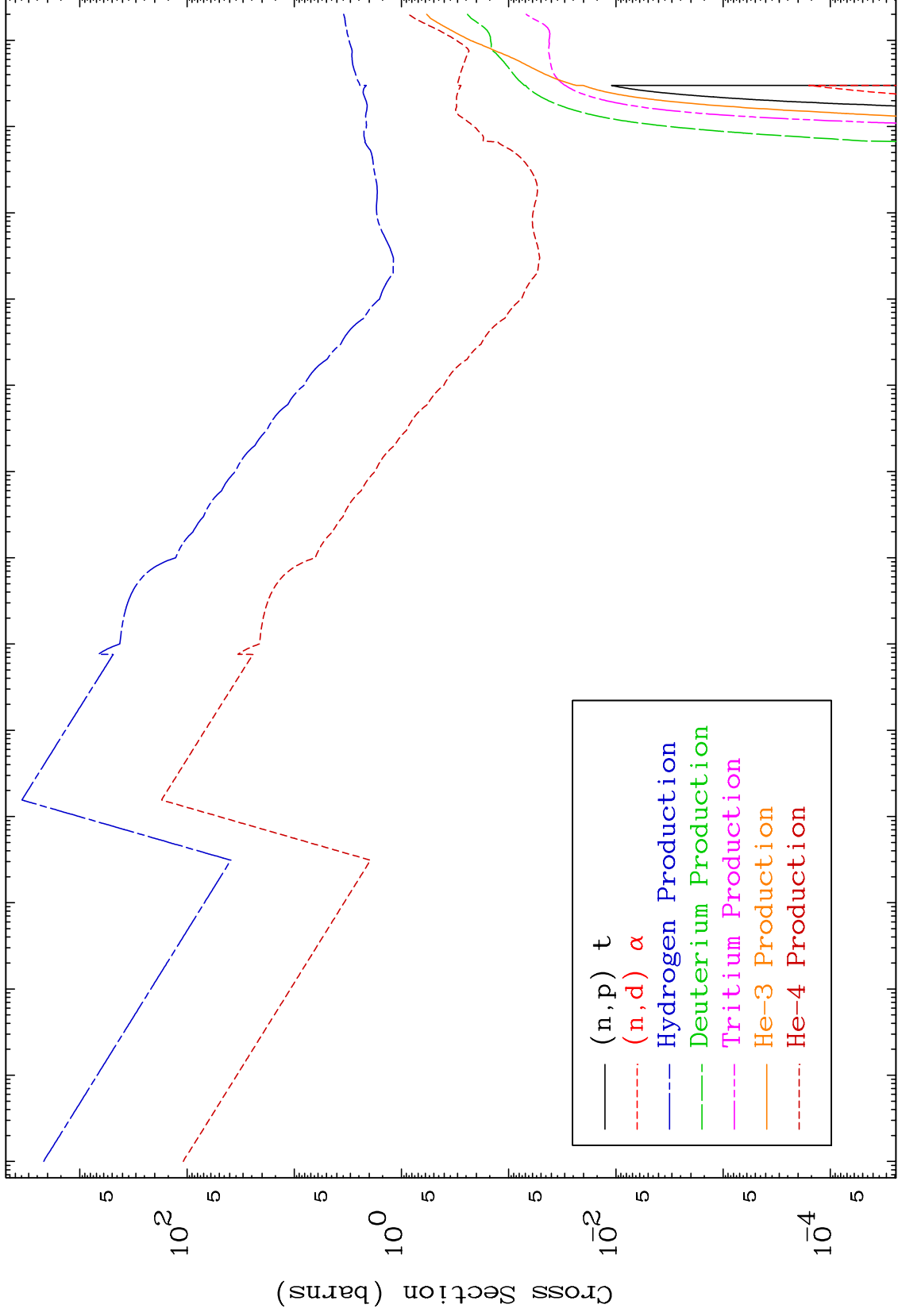


69-Tm-152m

MAT 6875

Neutron Absorption
293 Kelvin Cross Sections

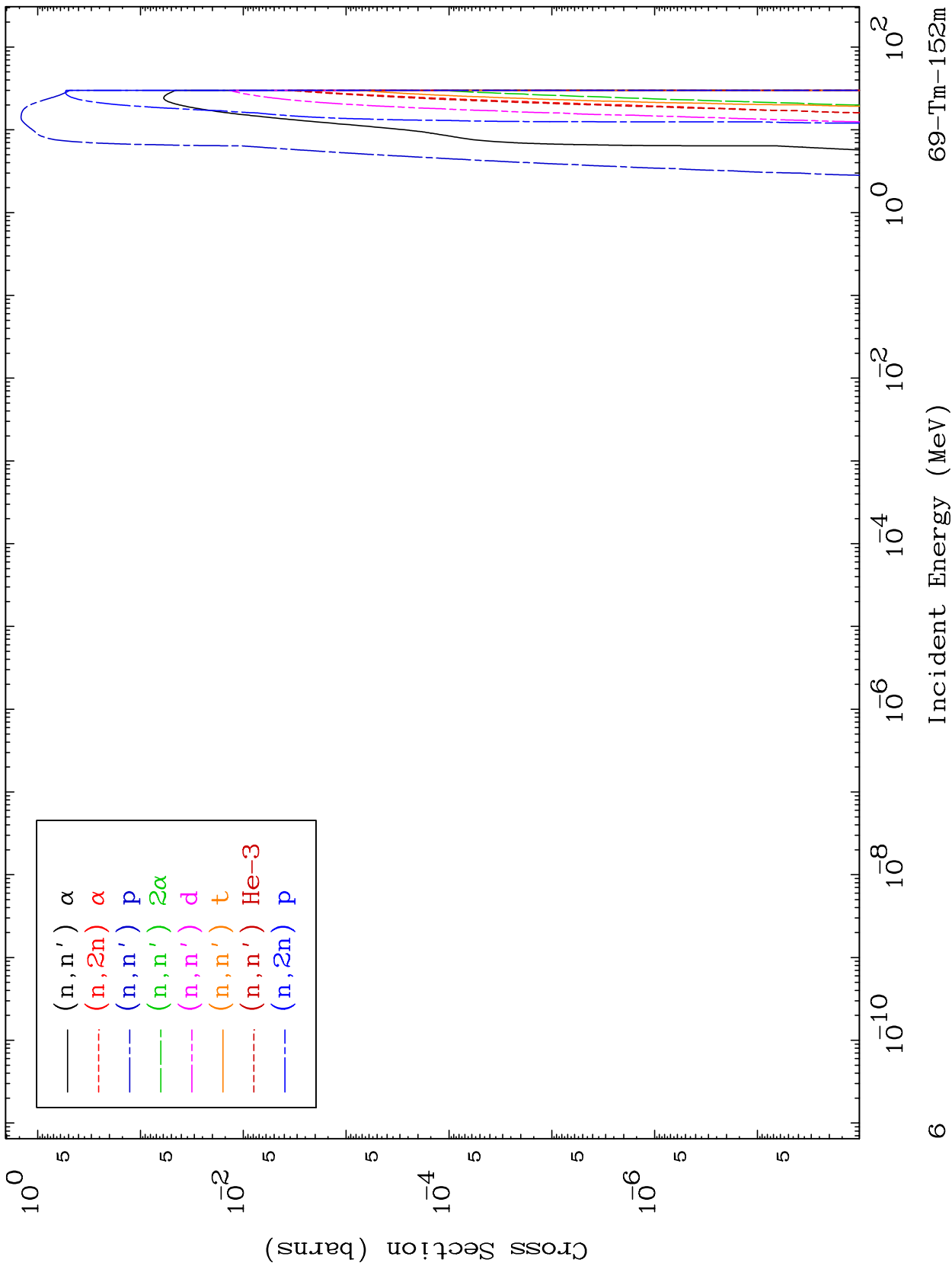
69-Tm-152m



MAT 6875

Charged Particle
293 Kelvin Cross Sections

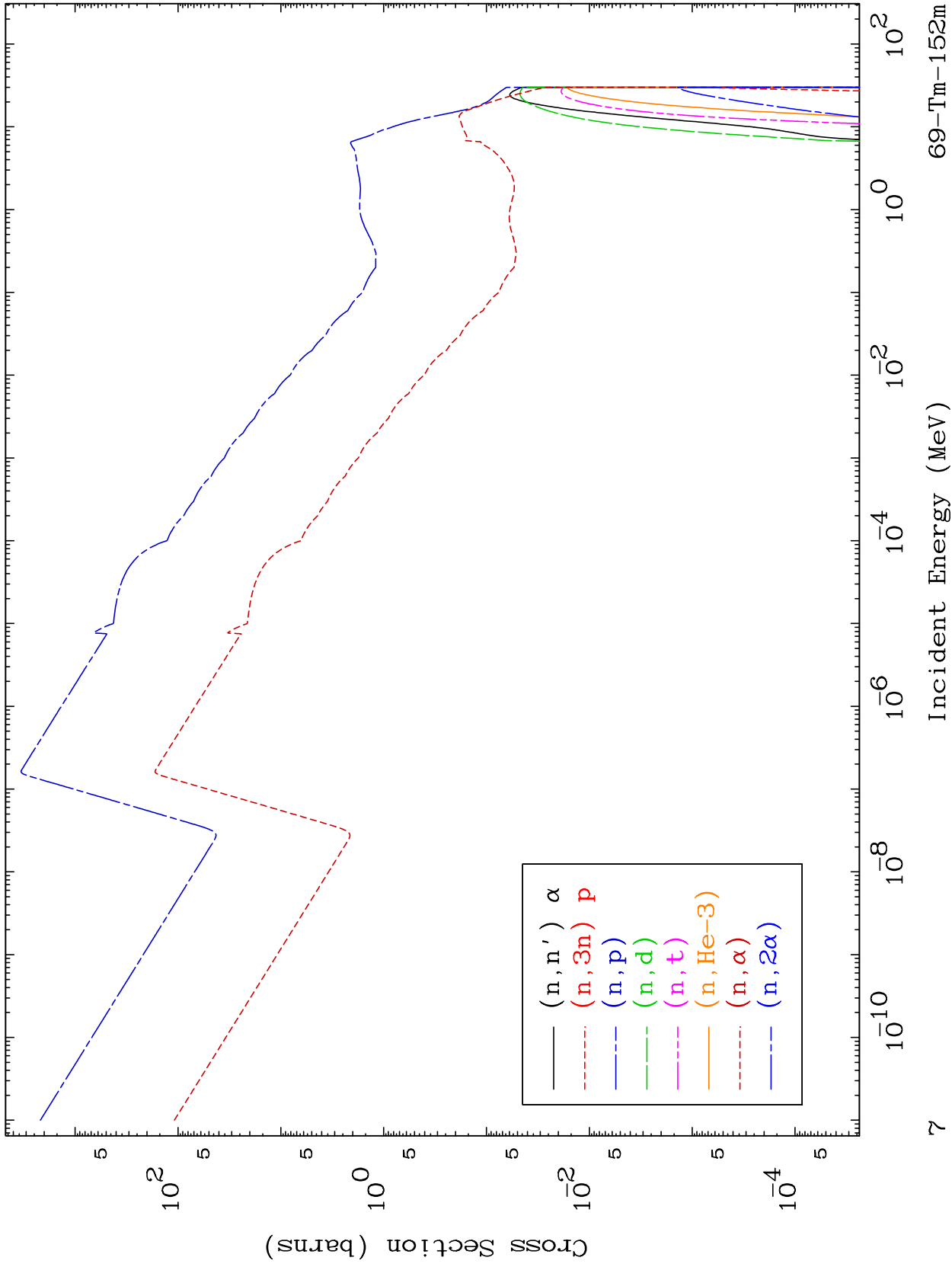
69-Tm-152m



MAT 6875

Charged Particle
293 Kelvin Cross Sections

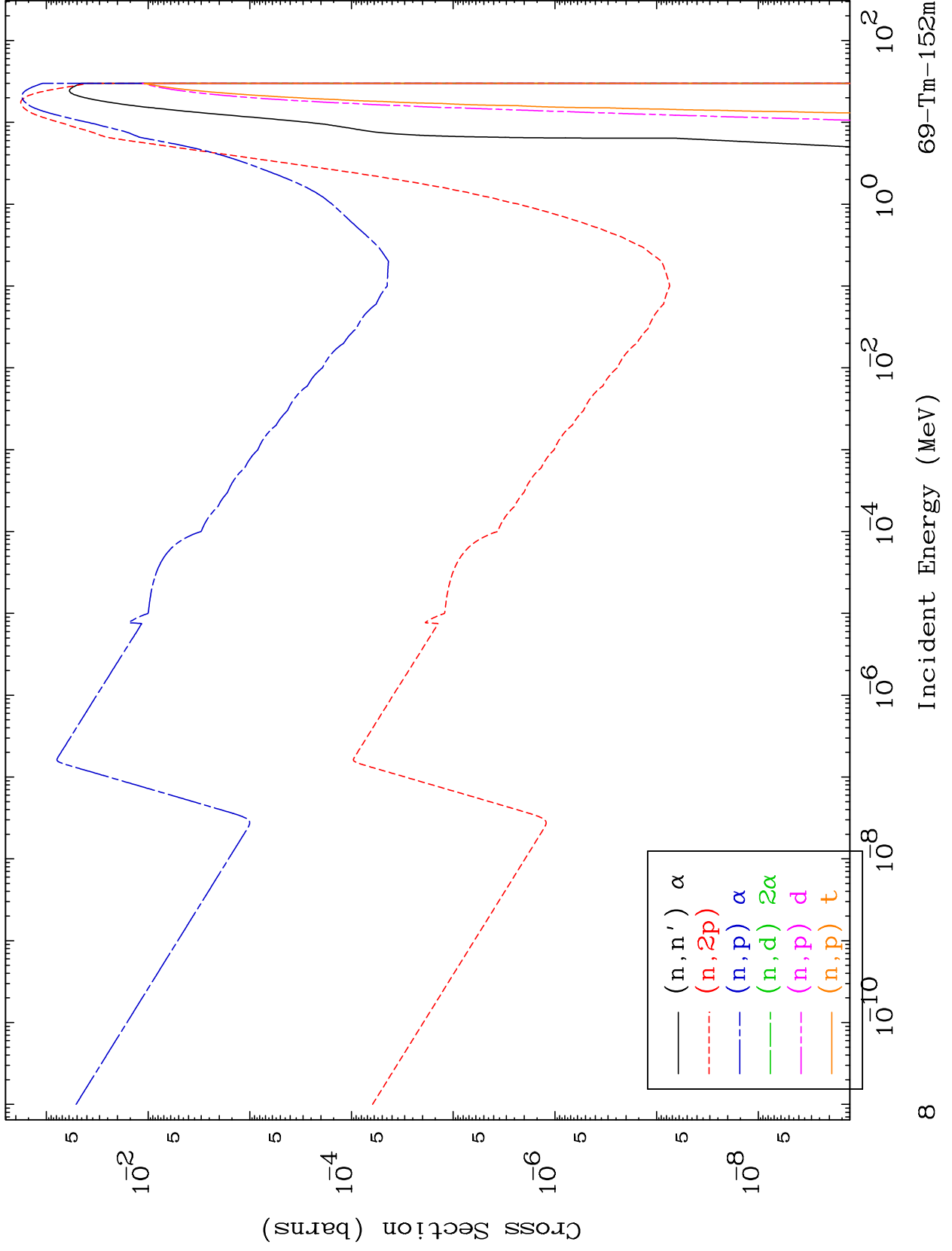
69-Tm-152m



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Charged Particle
293 Kelvin Cross Sections

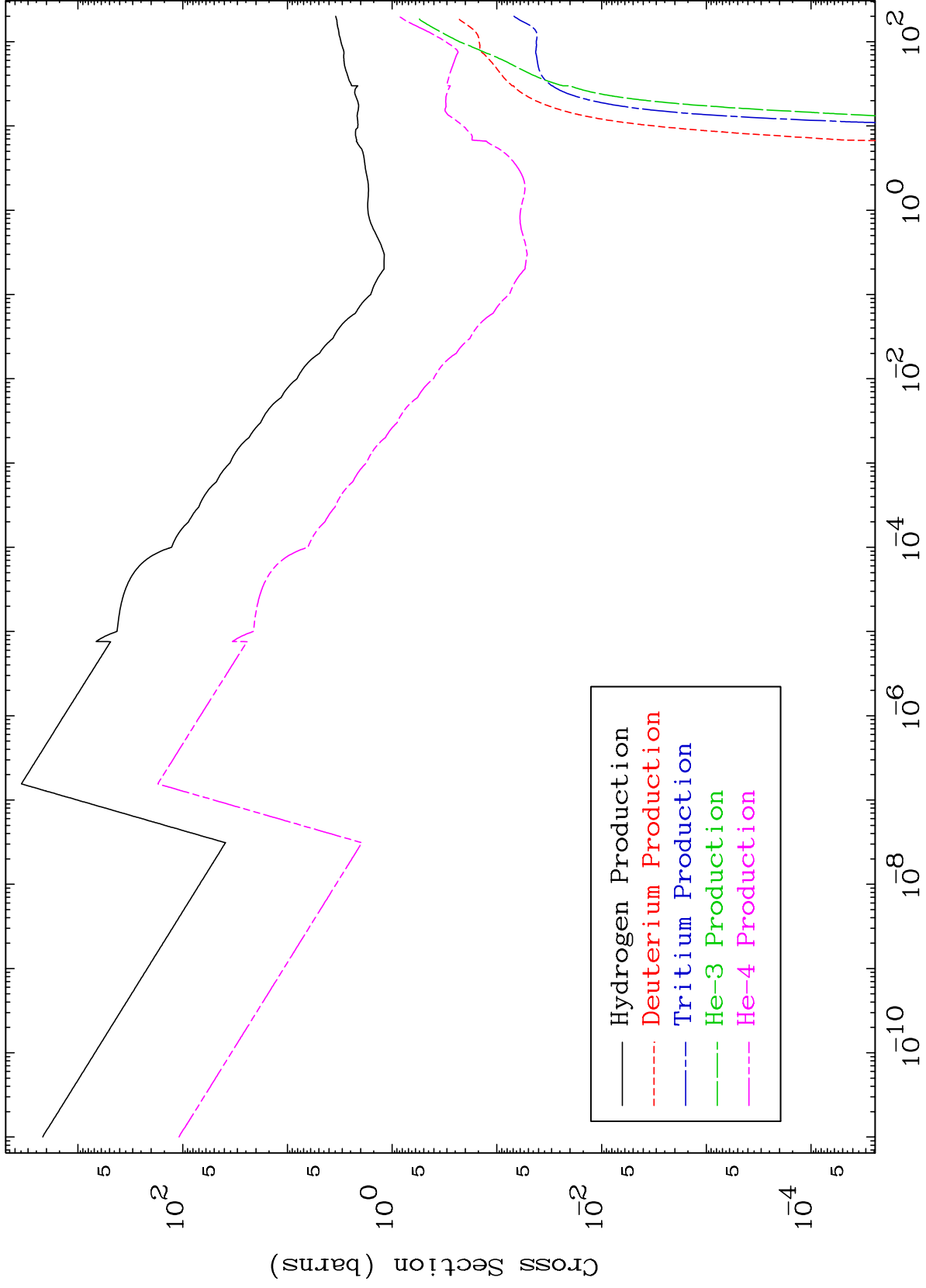
69-Tm-152m

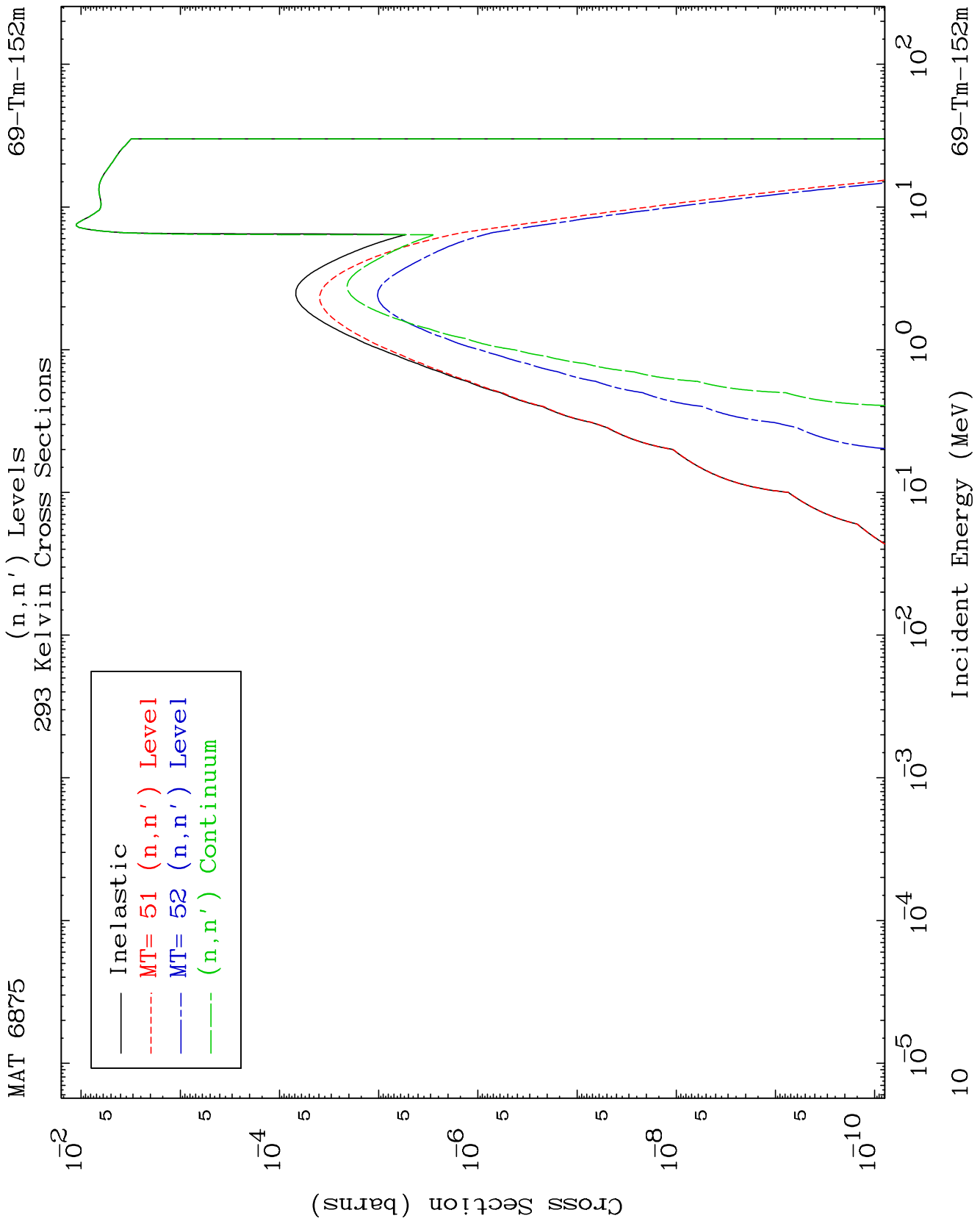


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Particle Production
293 Kelvin Cross Sections

69-Tm-152m

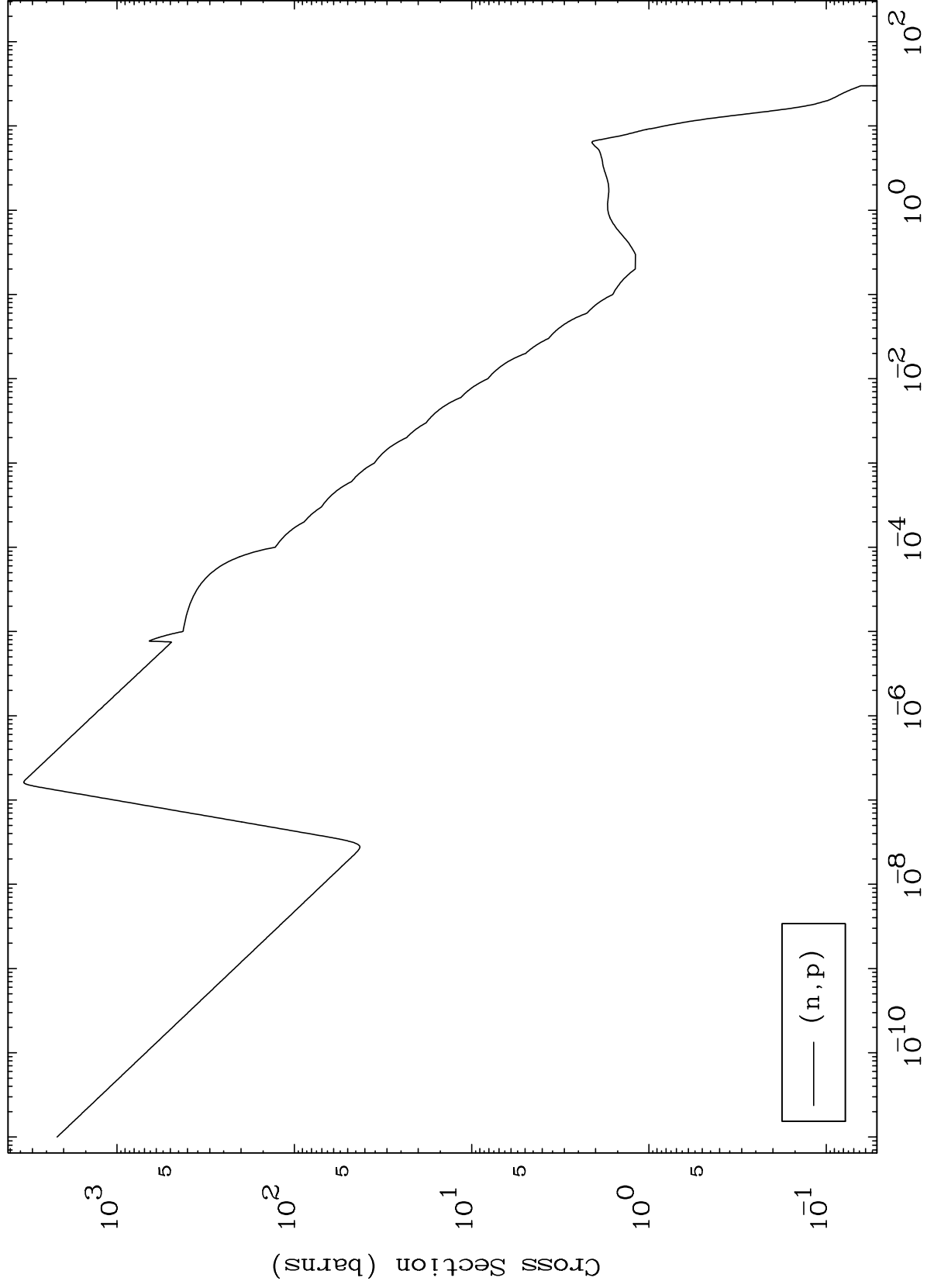




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(n,p) Levels
293 Kelvin Cross Sections

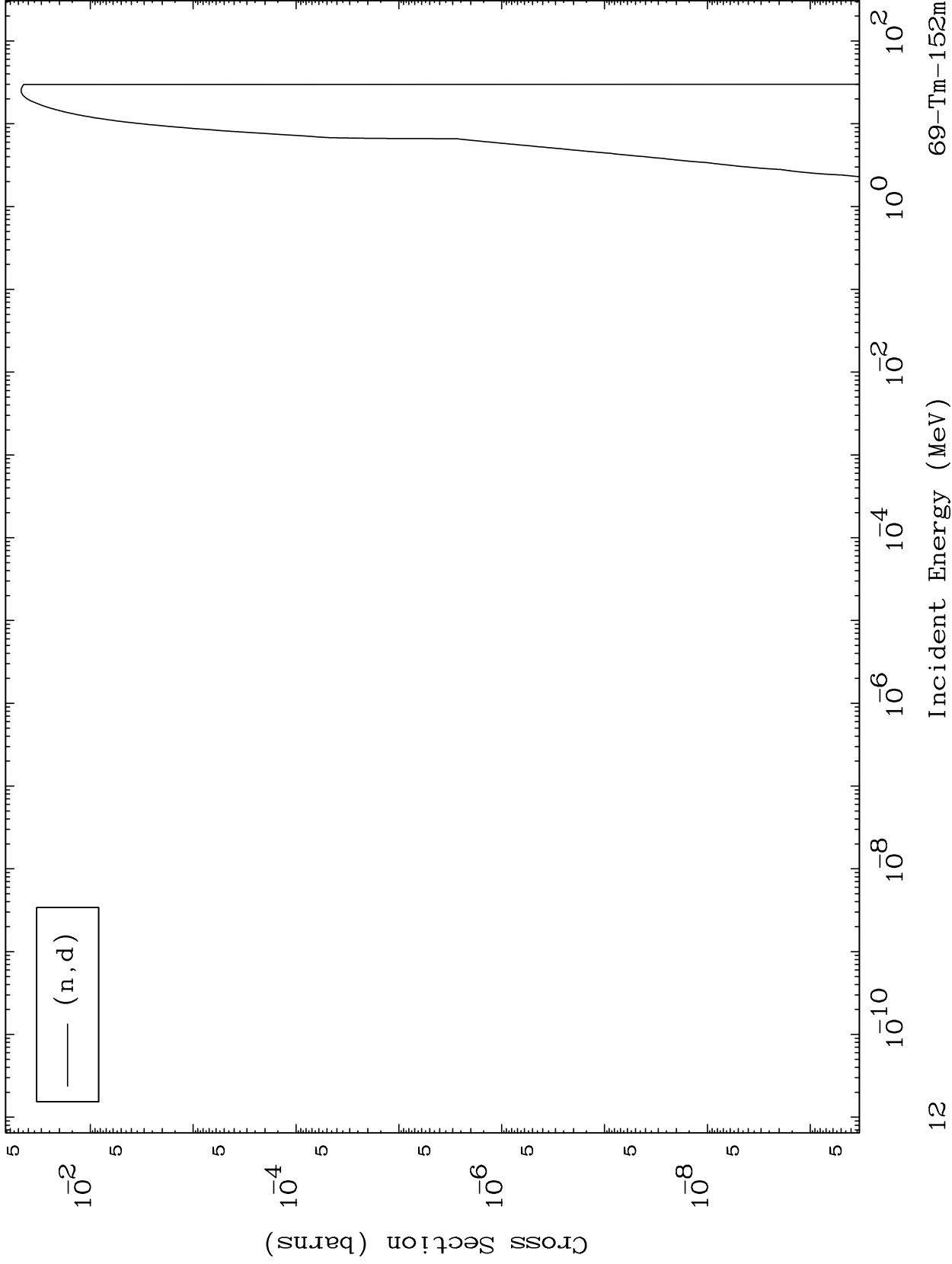
69-Tm-152m



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(n,d) Levels
293 Kelvin Cross Sections

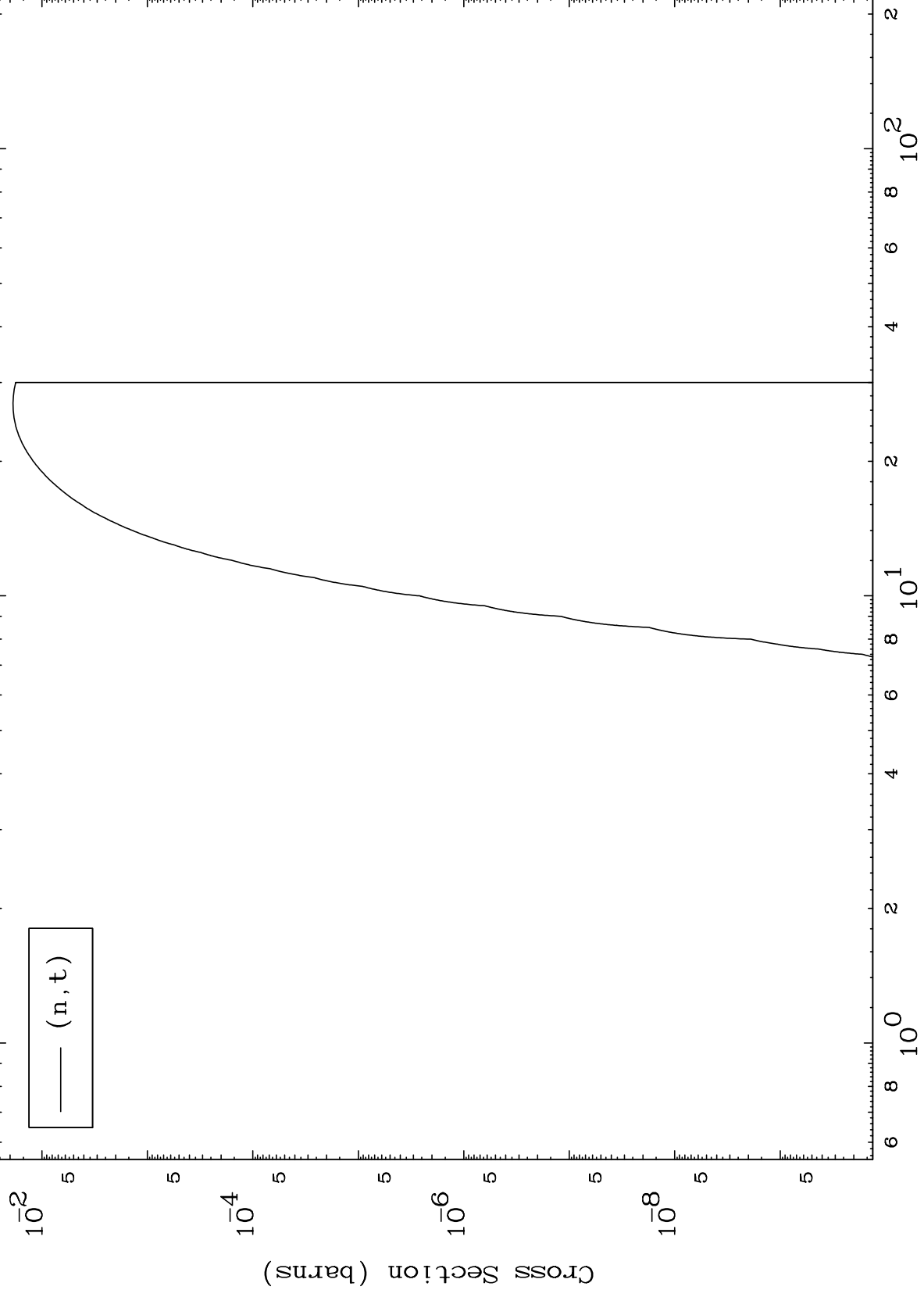
69-Tm-152m



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(n,t) Levels
293 Kelvin Cross Sections

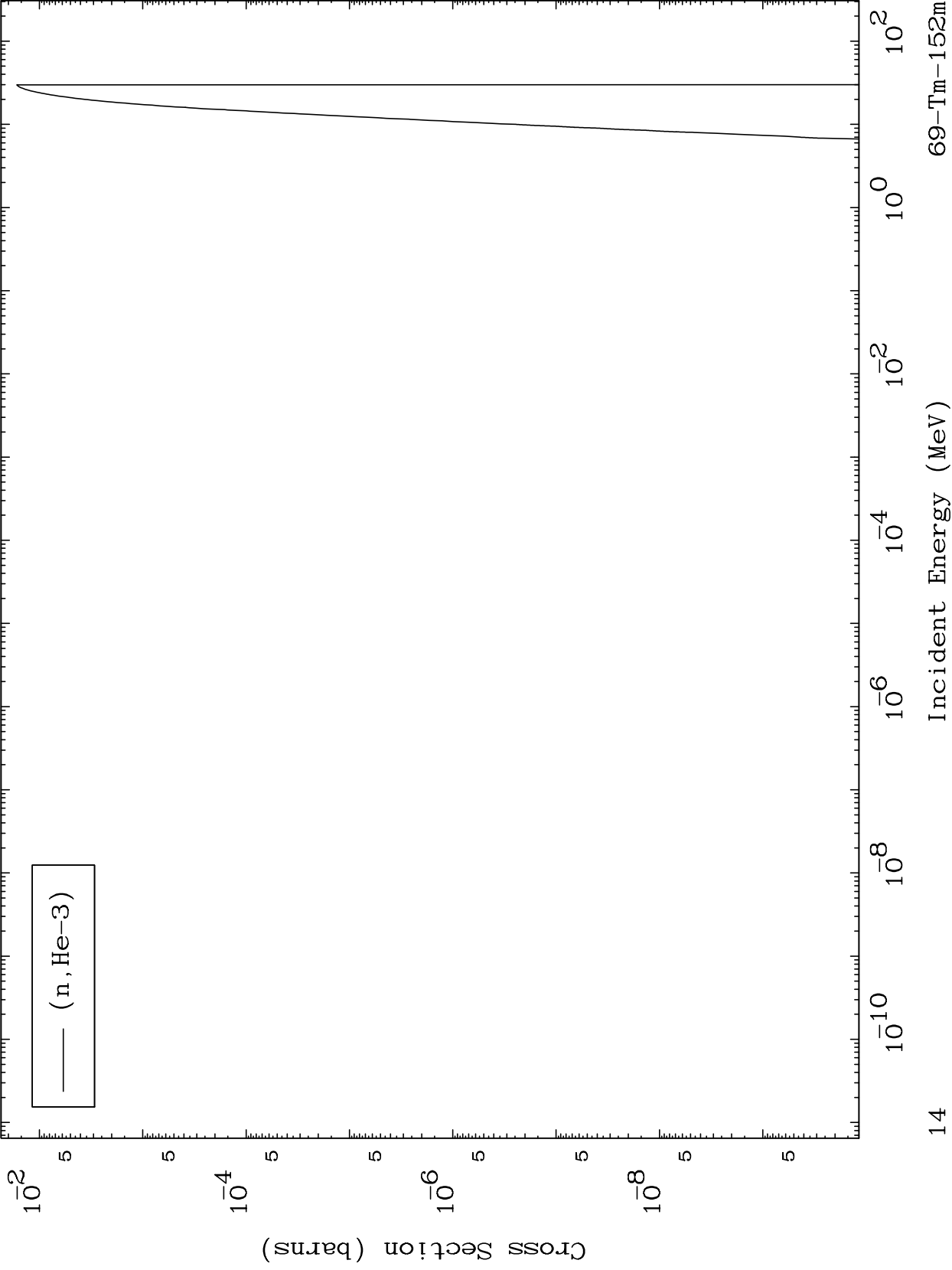
69-Tm-152m



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(n,He3) Levels
293 Kelvin Cross Sections

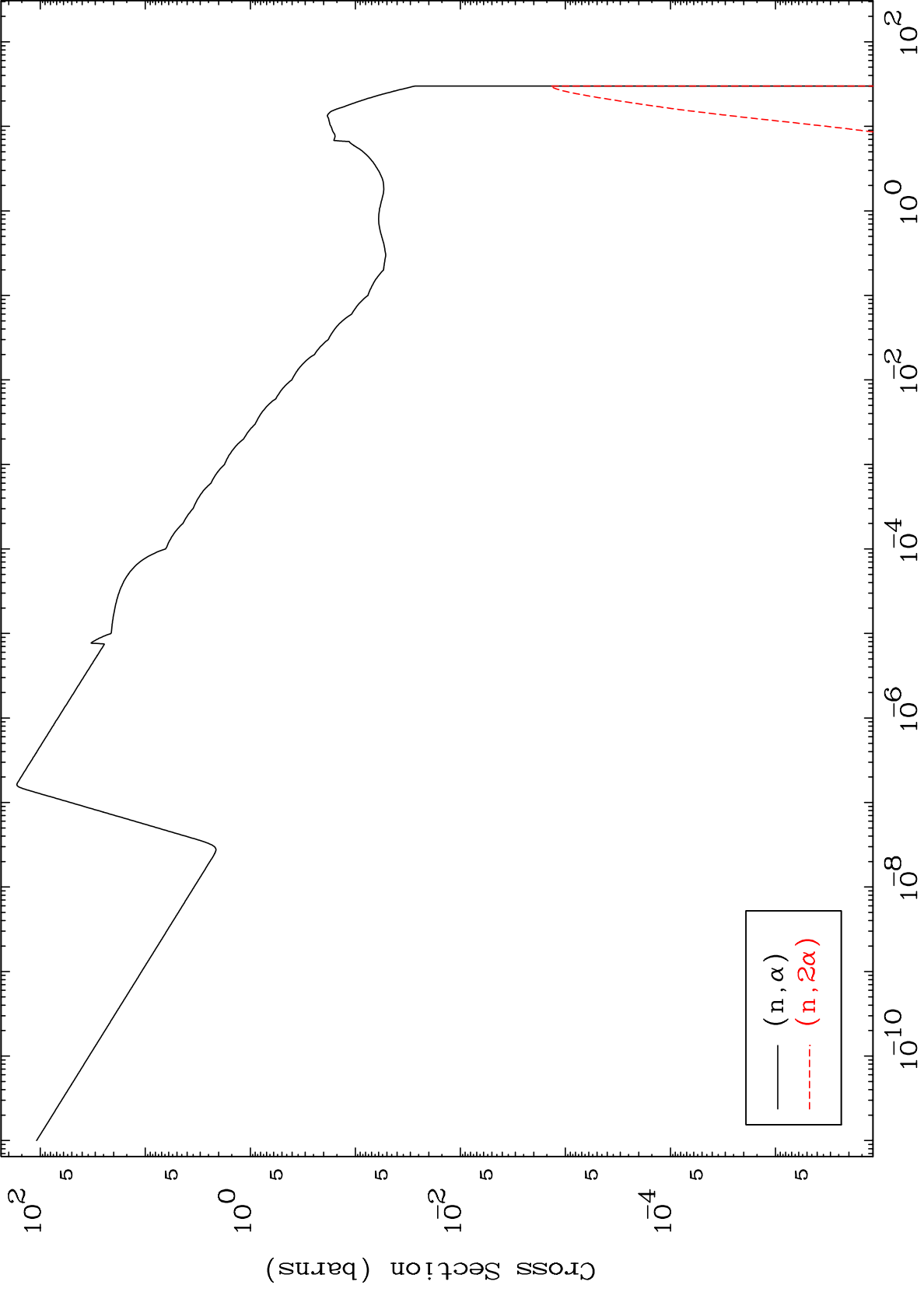
69-Tm-152m



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(n,α) Levels
293 Kelvin Cross Sections

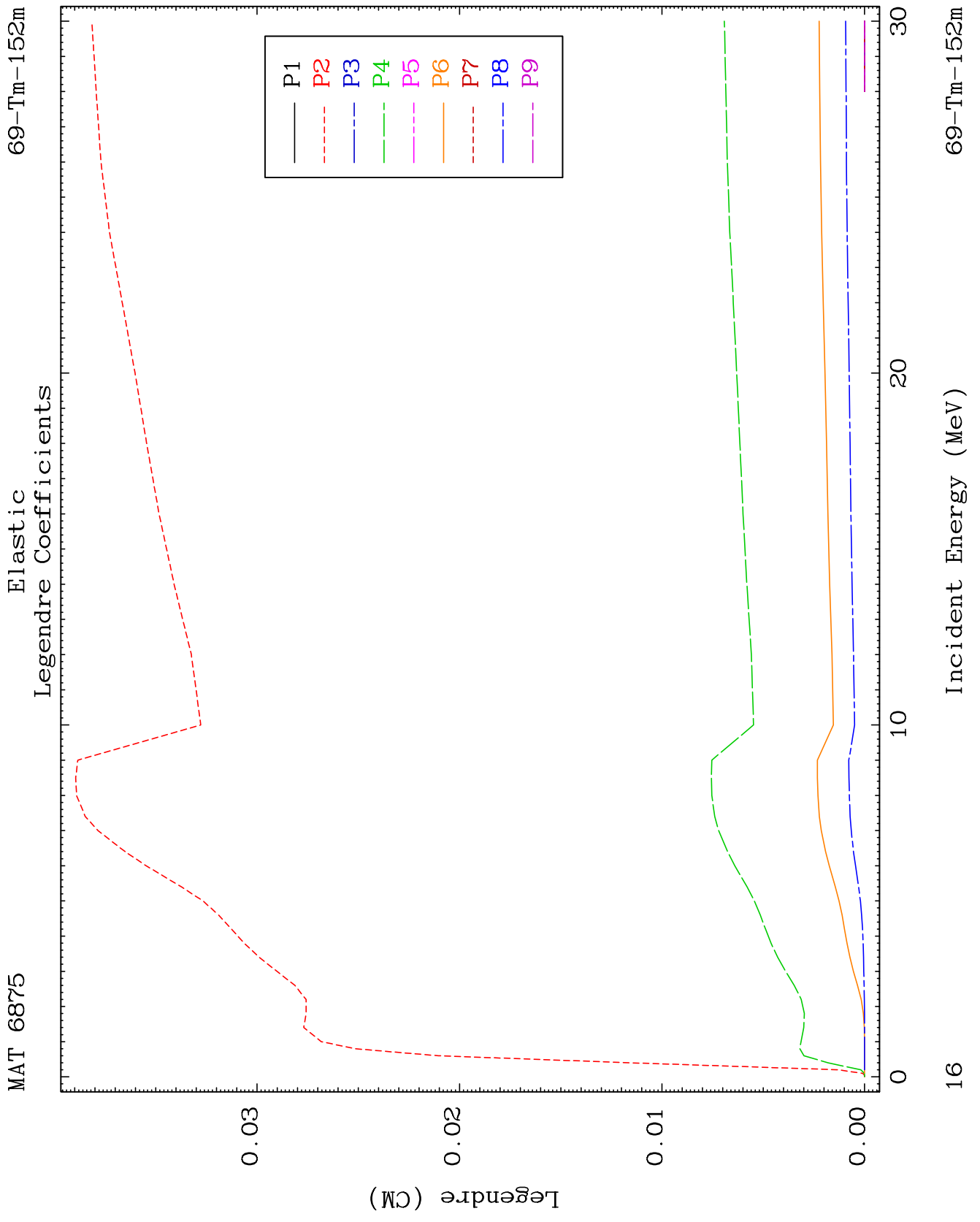
69-Tm-152m



15

Incident Energy (MeV)

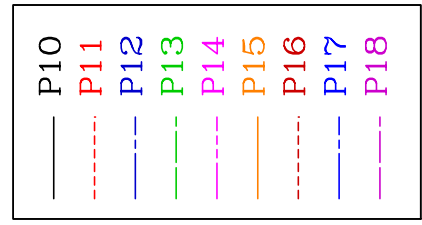
69-Tm-152m



MAT 6875

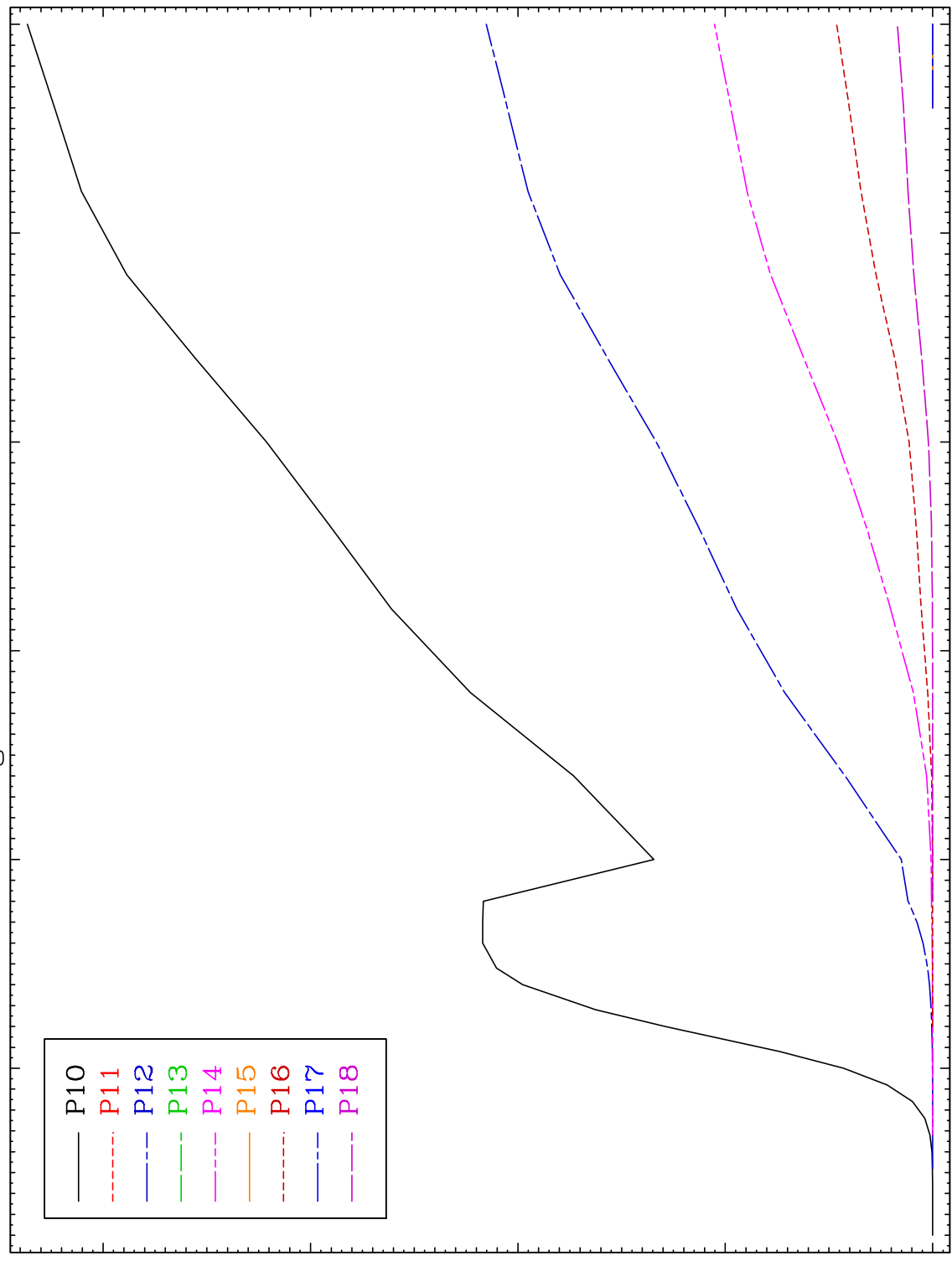
Elastic Legendre Coefficients

69-Tm-152m



$\times 10^{-4}$

Legendre (CM)



17

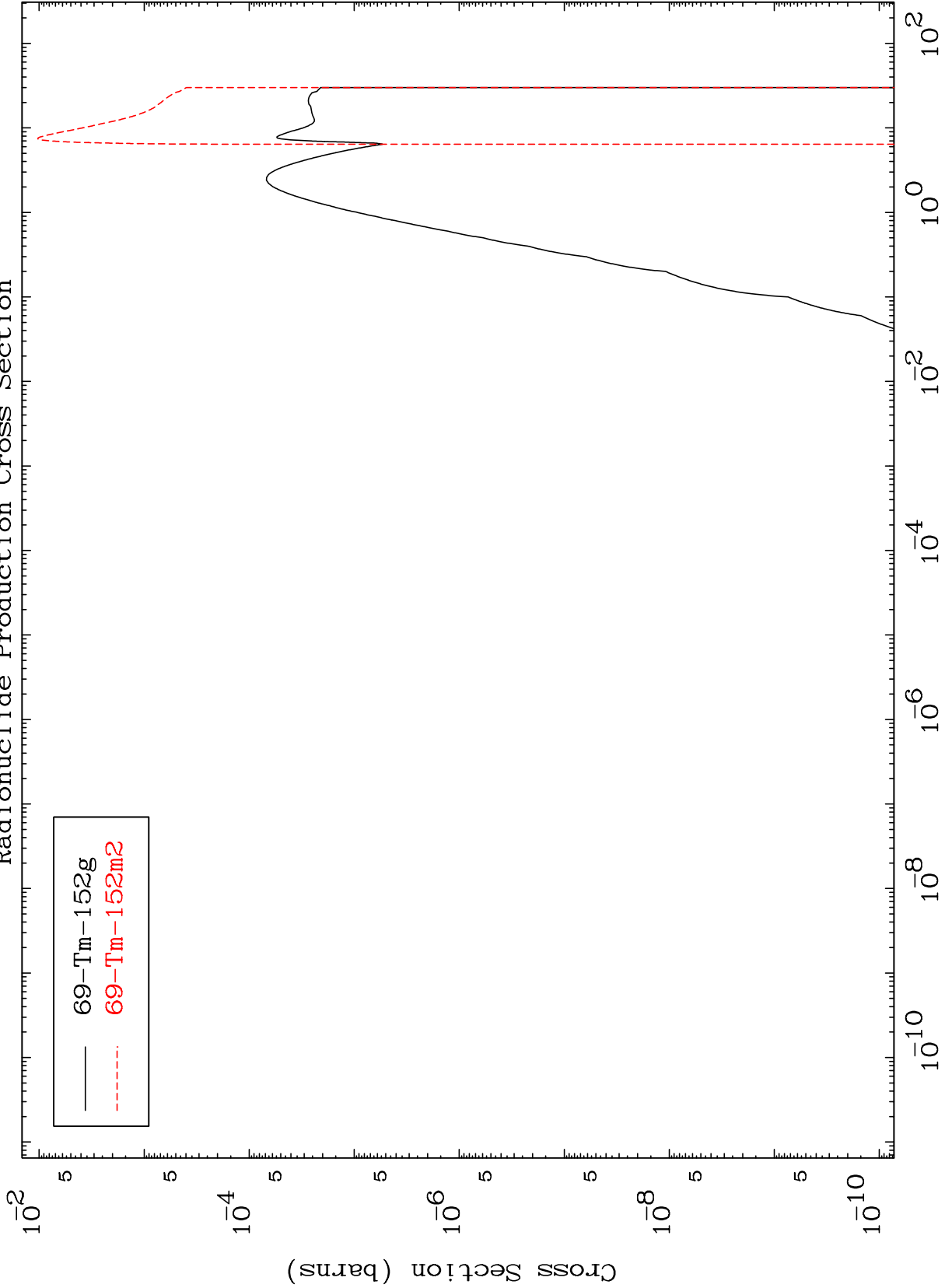
Incident Energy (MeV)

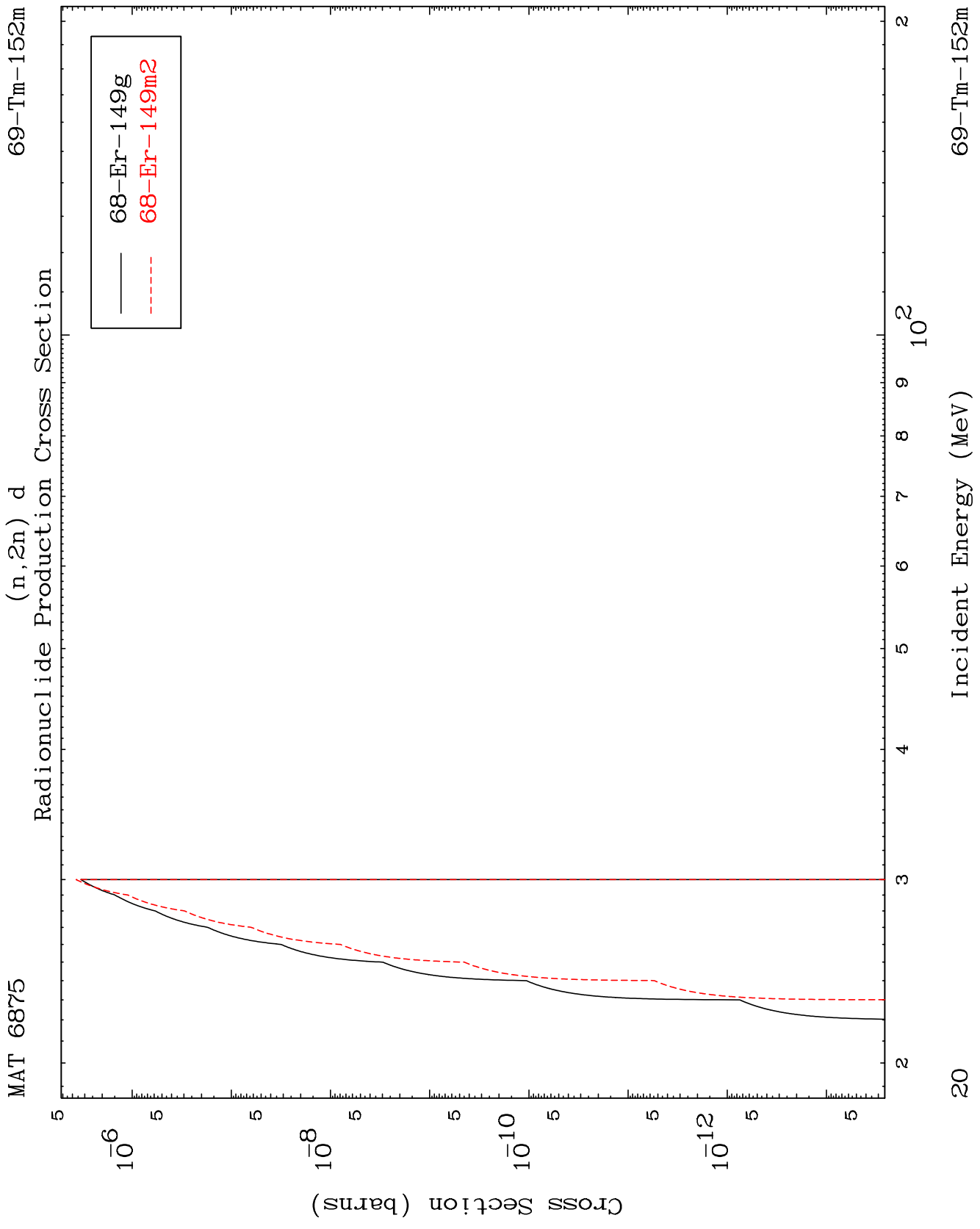
69-Tm-152m

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Inelastic
Radionuclide Production Cross Section

69-Tm-152m

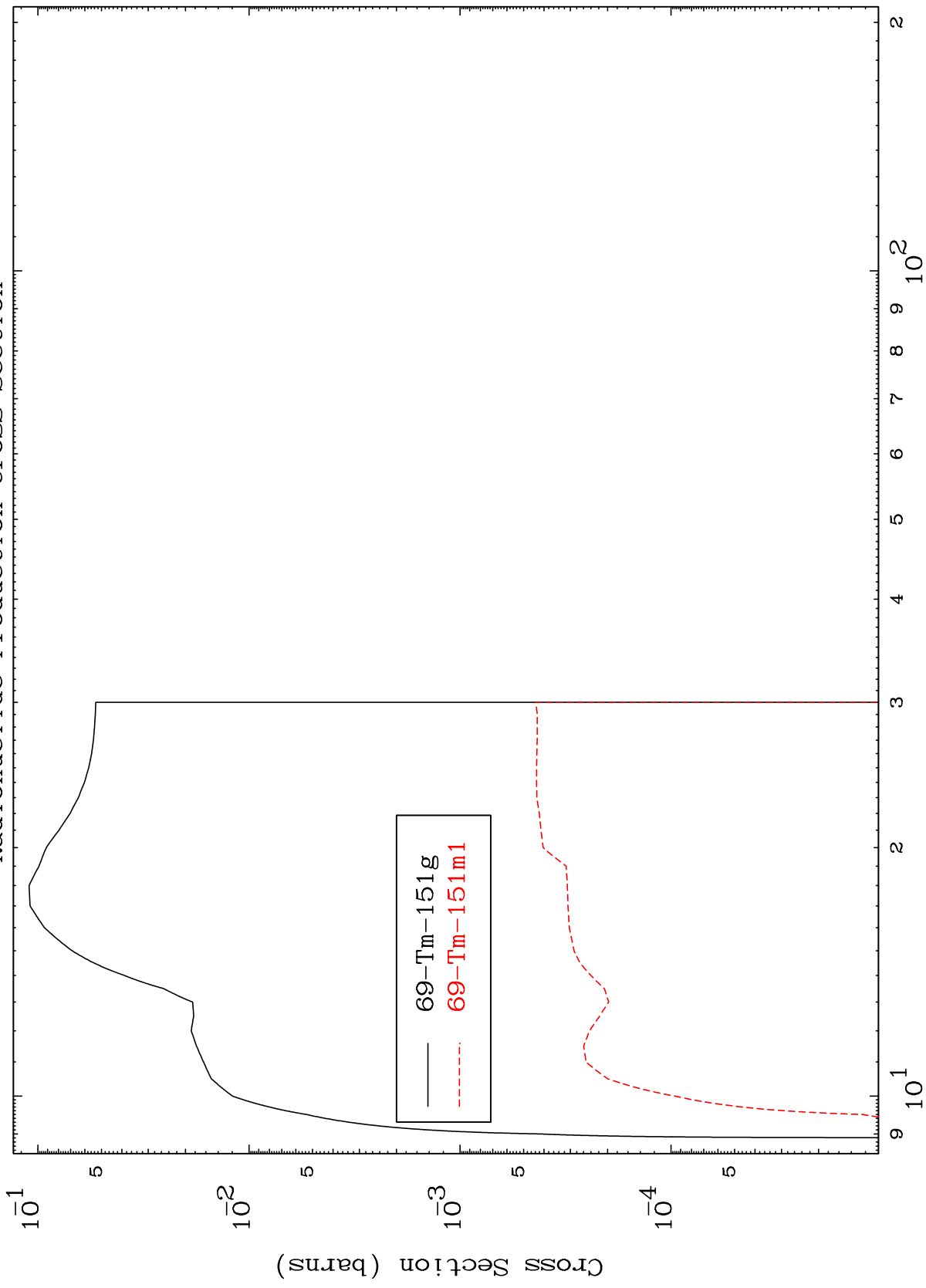




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69-Tm-152m

Radionuclide Production Cross Section
(n,2n)



69-Tm-152m

Incident Energy (MeV)

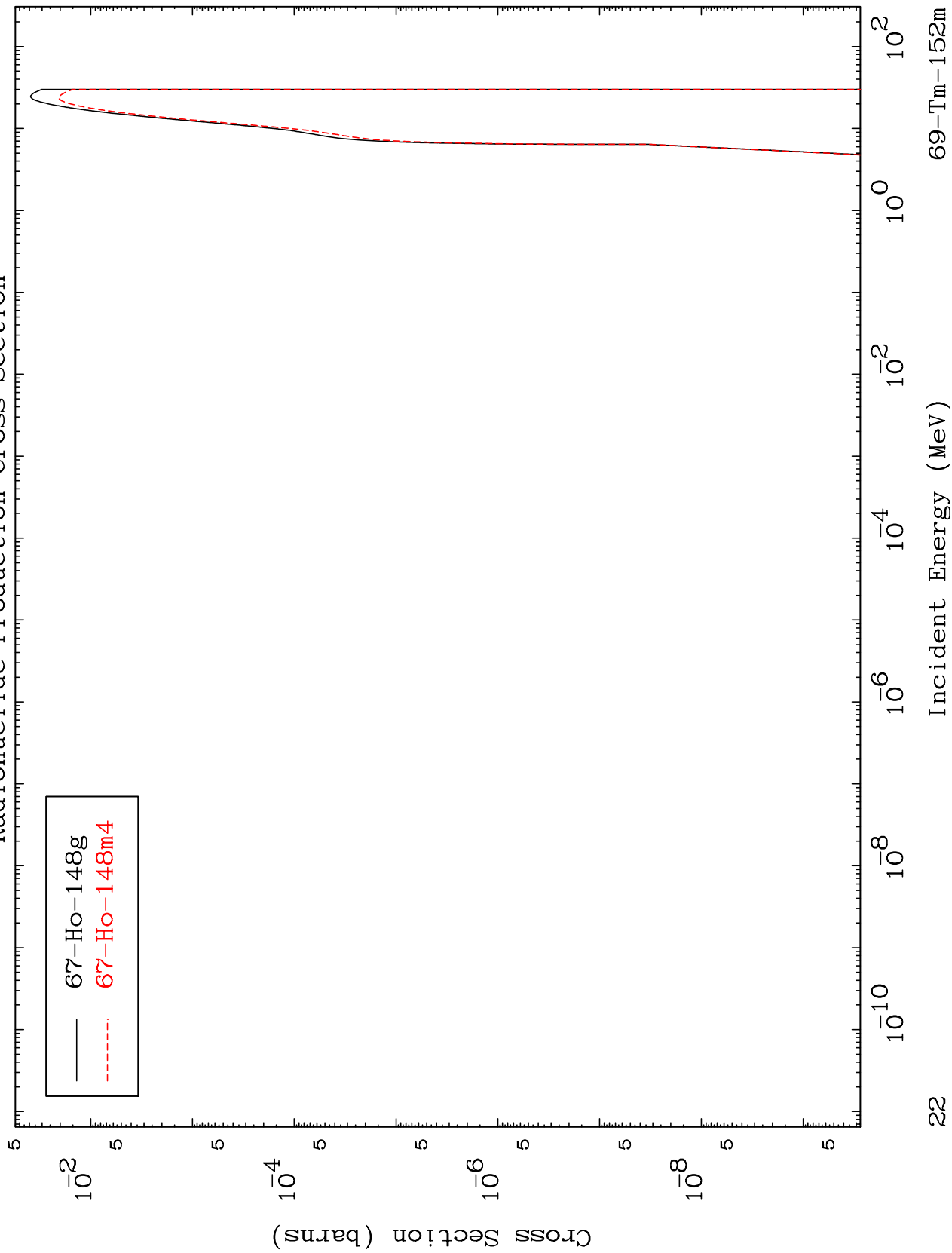
21

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$(n, n') \alpha$

69-Tm-152m

Radionuclide Production Cross Section

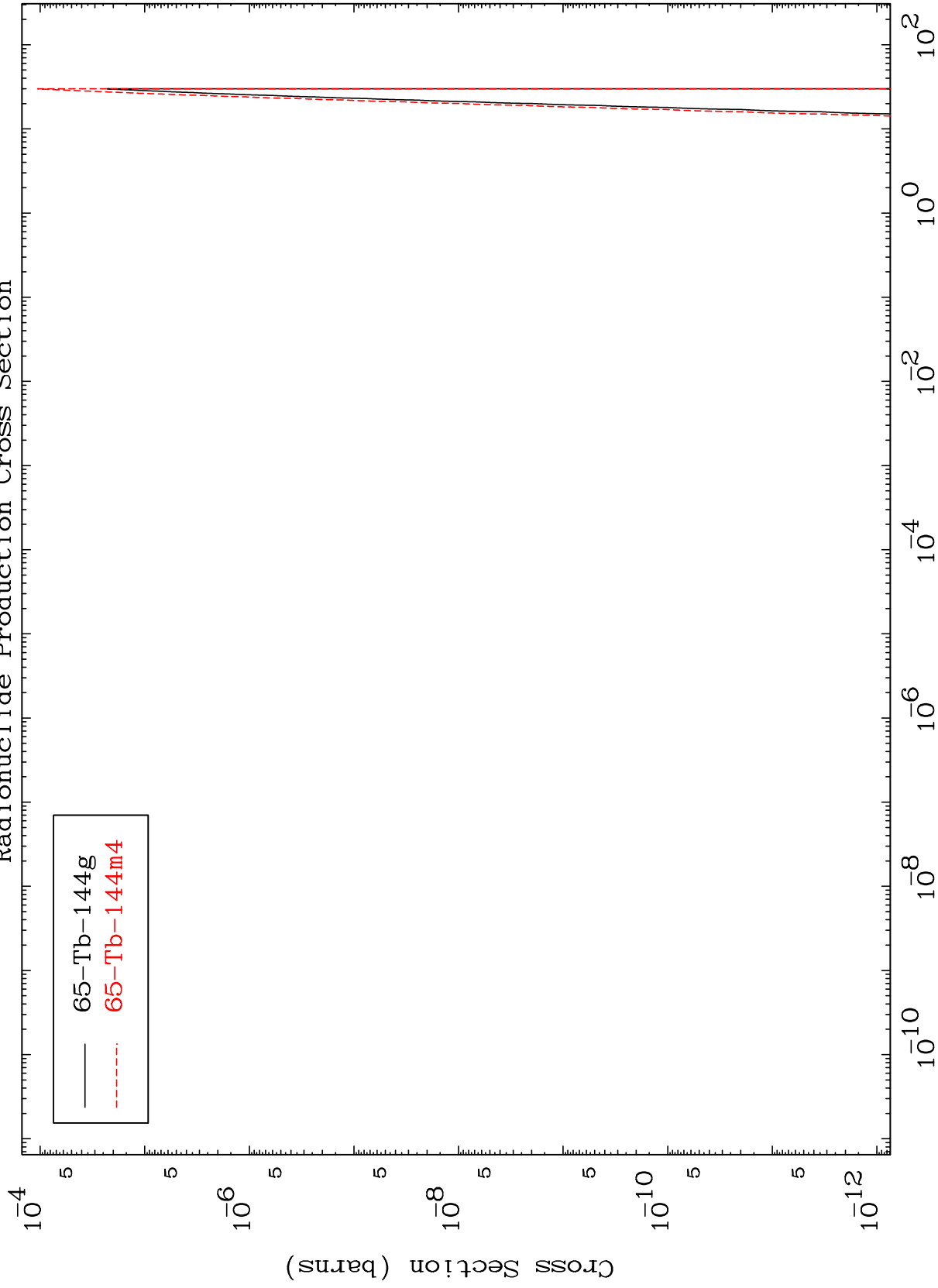


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(n,n') 2α

69-Tm-152m

Radionuclide Production Cross Section



Incident Energy (MeV)

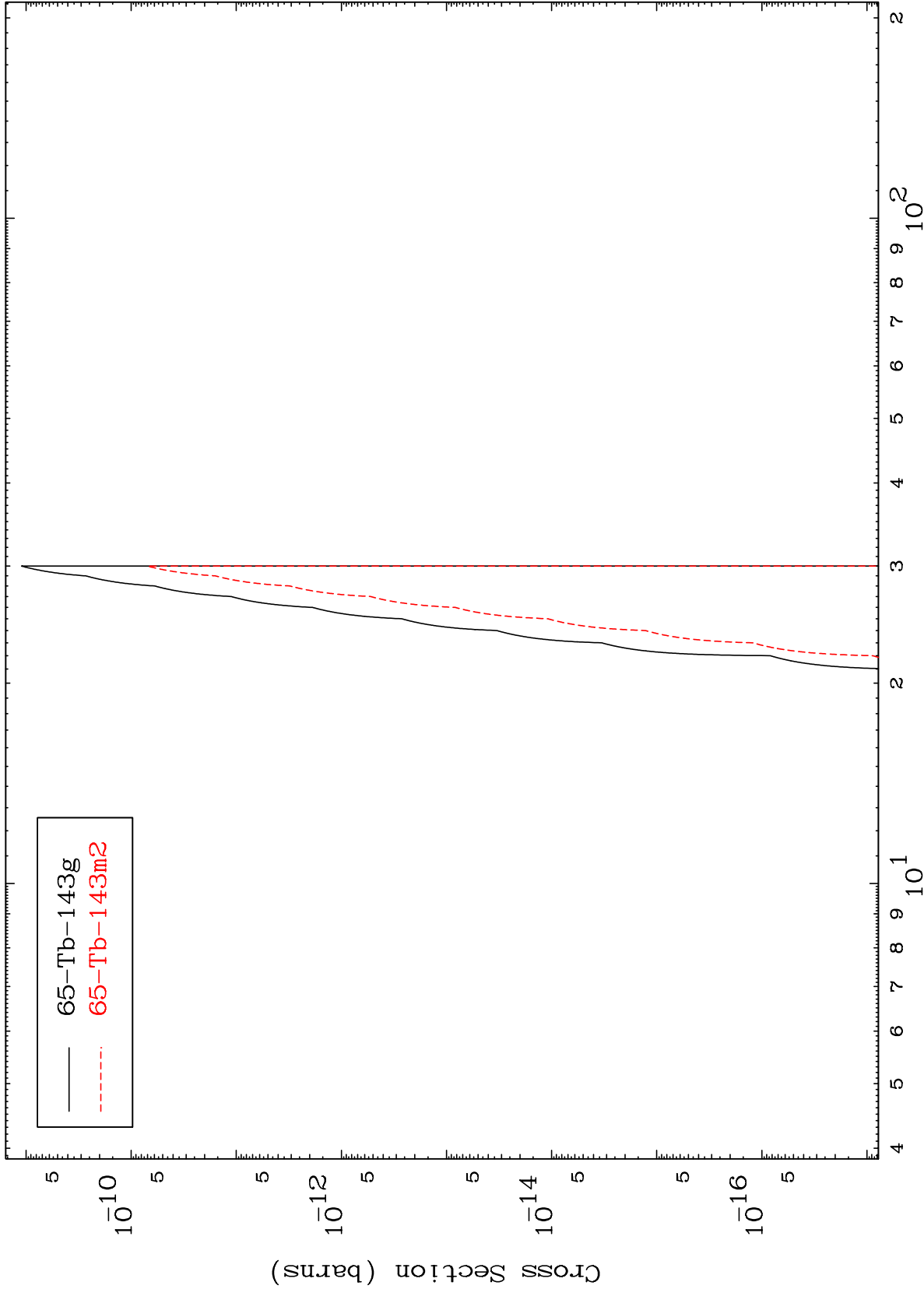
69-Tm-152m

MAT 6875

(n,2n) 2α

69-Tm-152m

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

Incident Energy (MeV)

69-Tm-152m

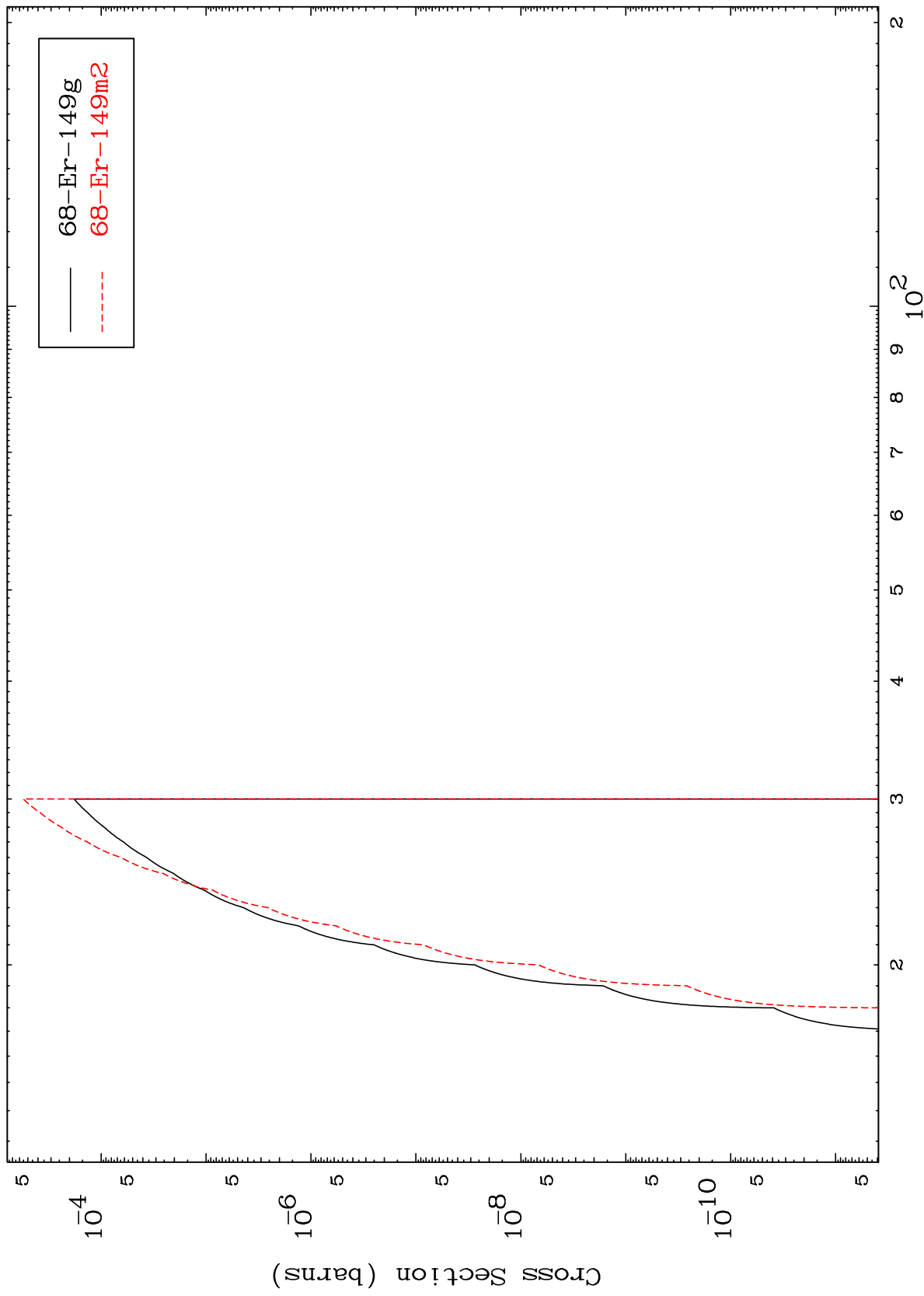
24

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(n,n') t

69-Tm-152m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

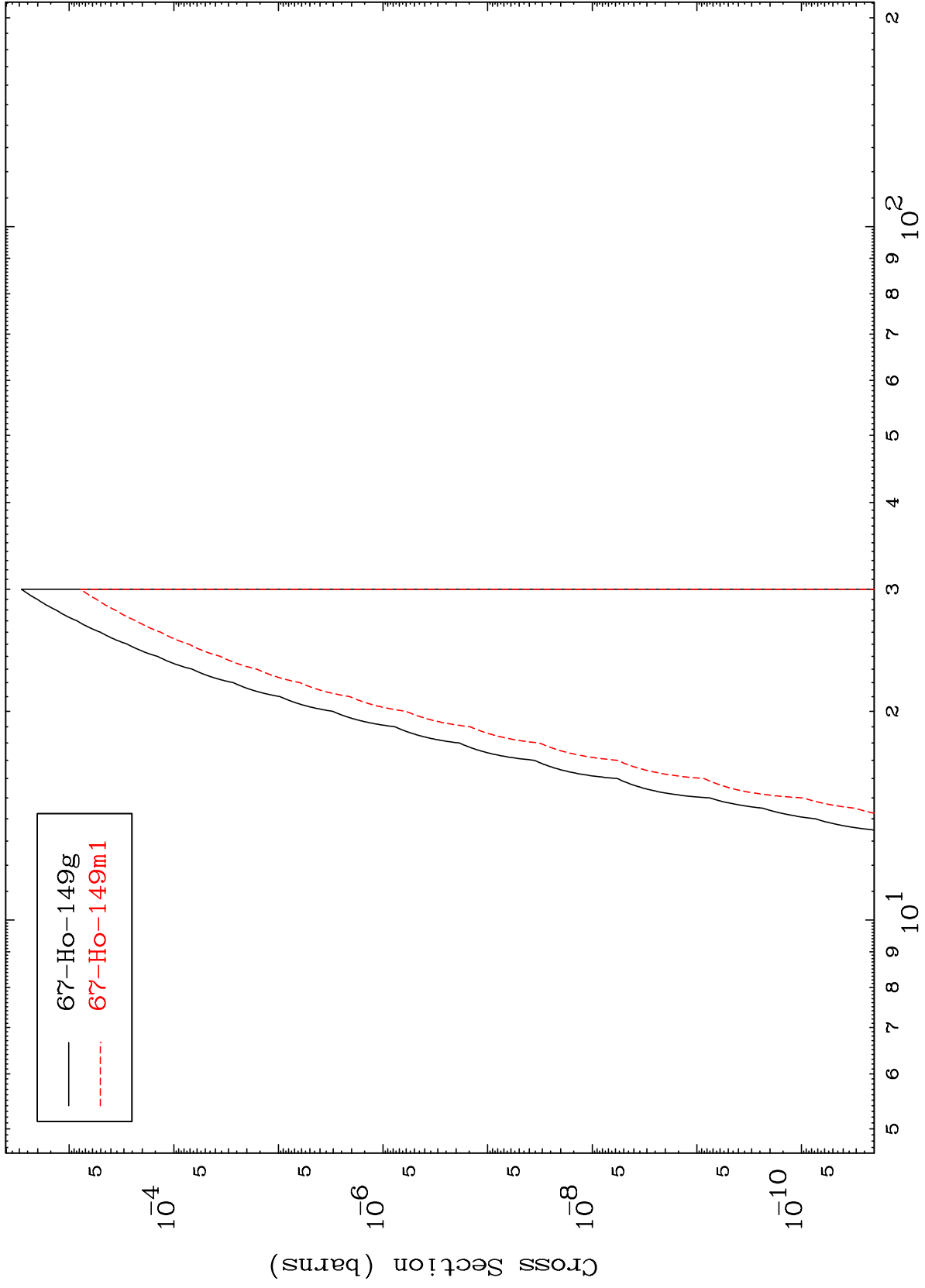
69-Tm-152m

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(n,n') He-3

69-Tm-152m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

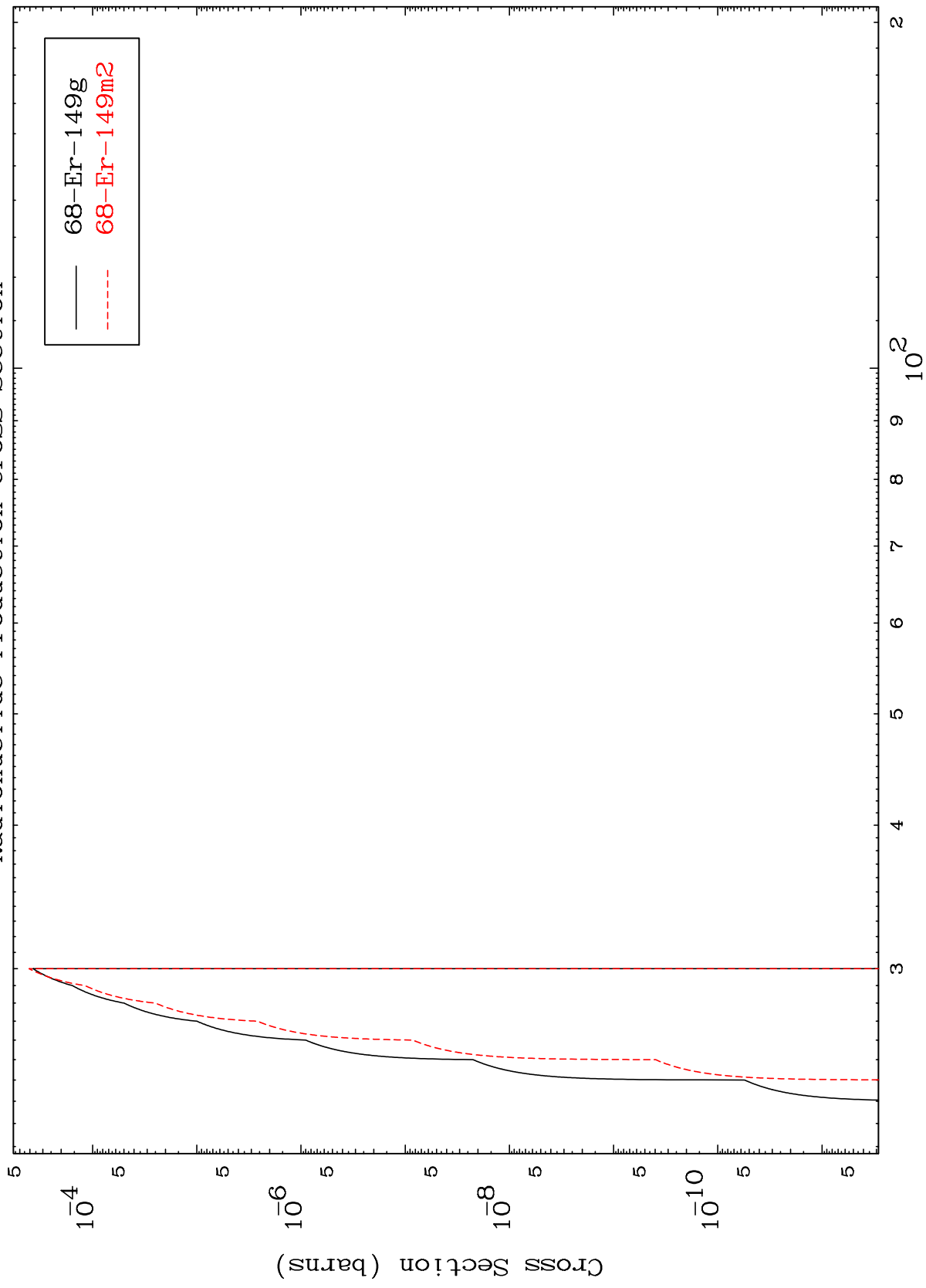
69-Tm-152m

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(n,3n) p

69-Tm-152m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

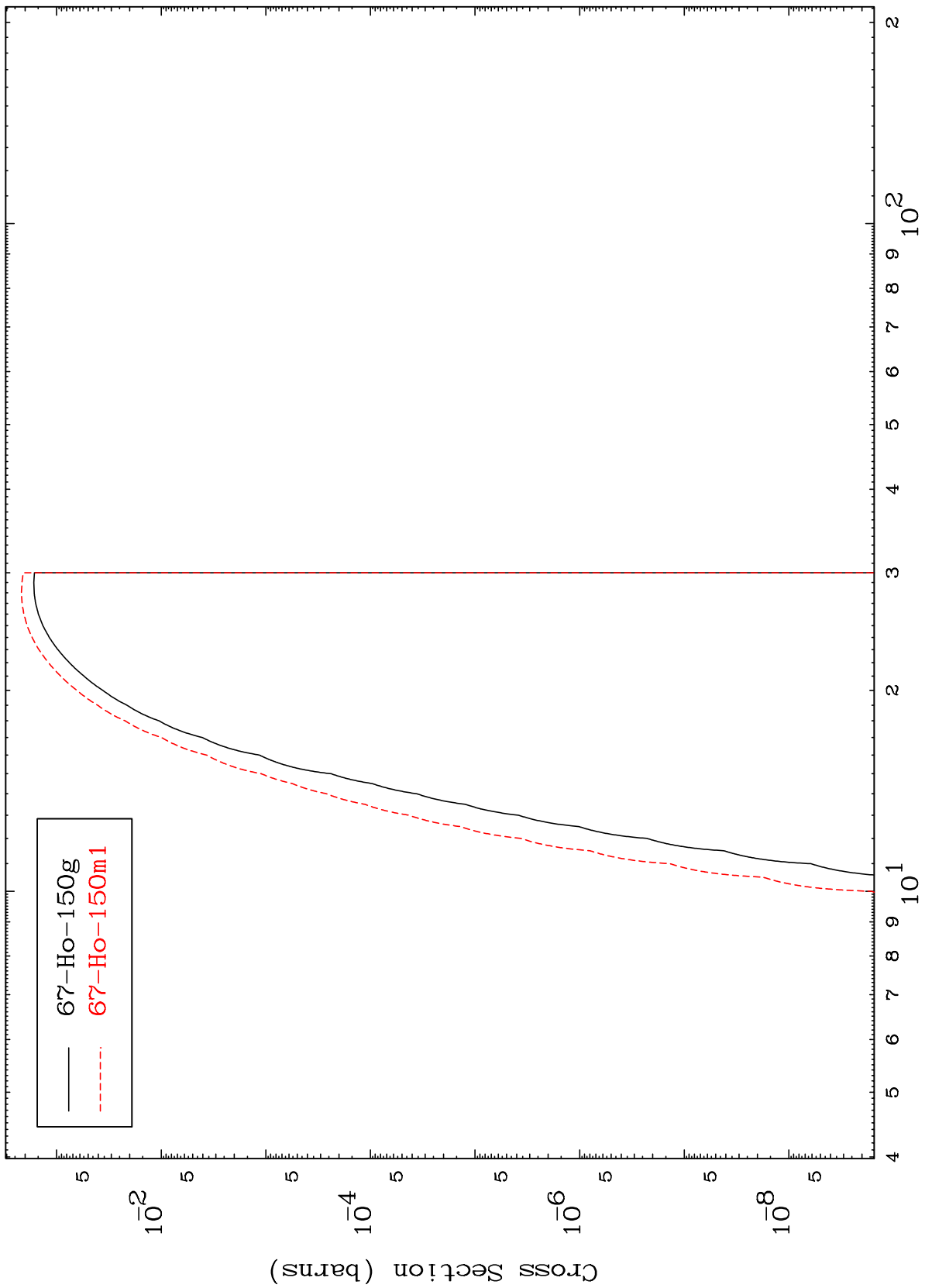
69-Tm-152m

MAT 6875

(n,2n) p

69-Tm-152m

Radionuclide Production Cross Section



67-Ho-150g
67-Ho-150m1

28

Incident Energy (MeV)

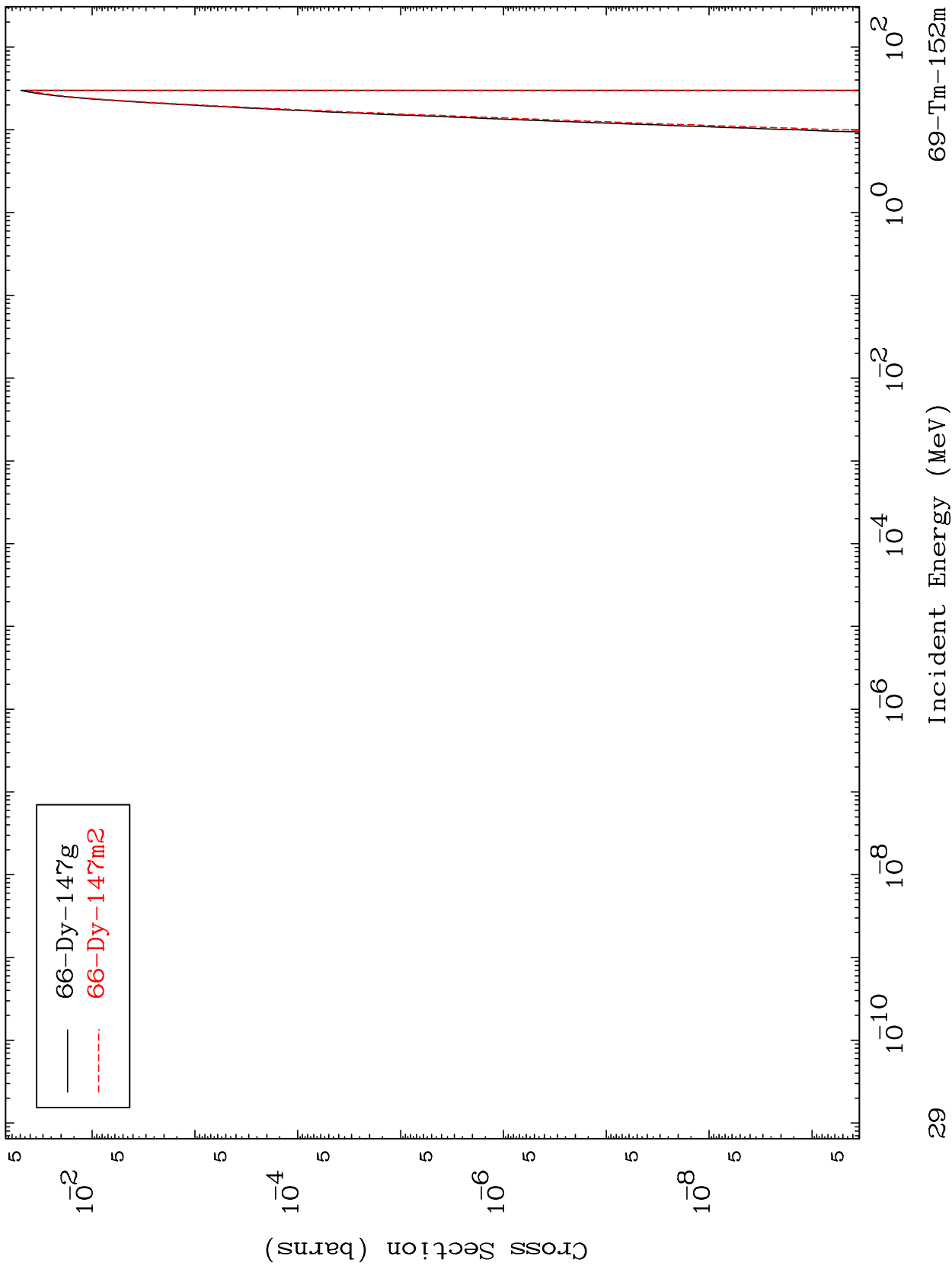
69-Tm-152m

MAT 6875

(n,n') p α

69-Tm-152m

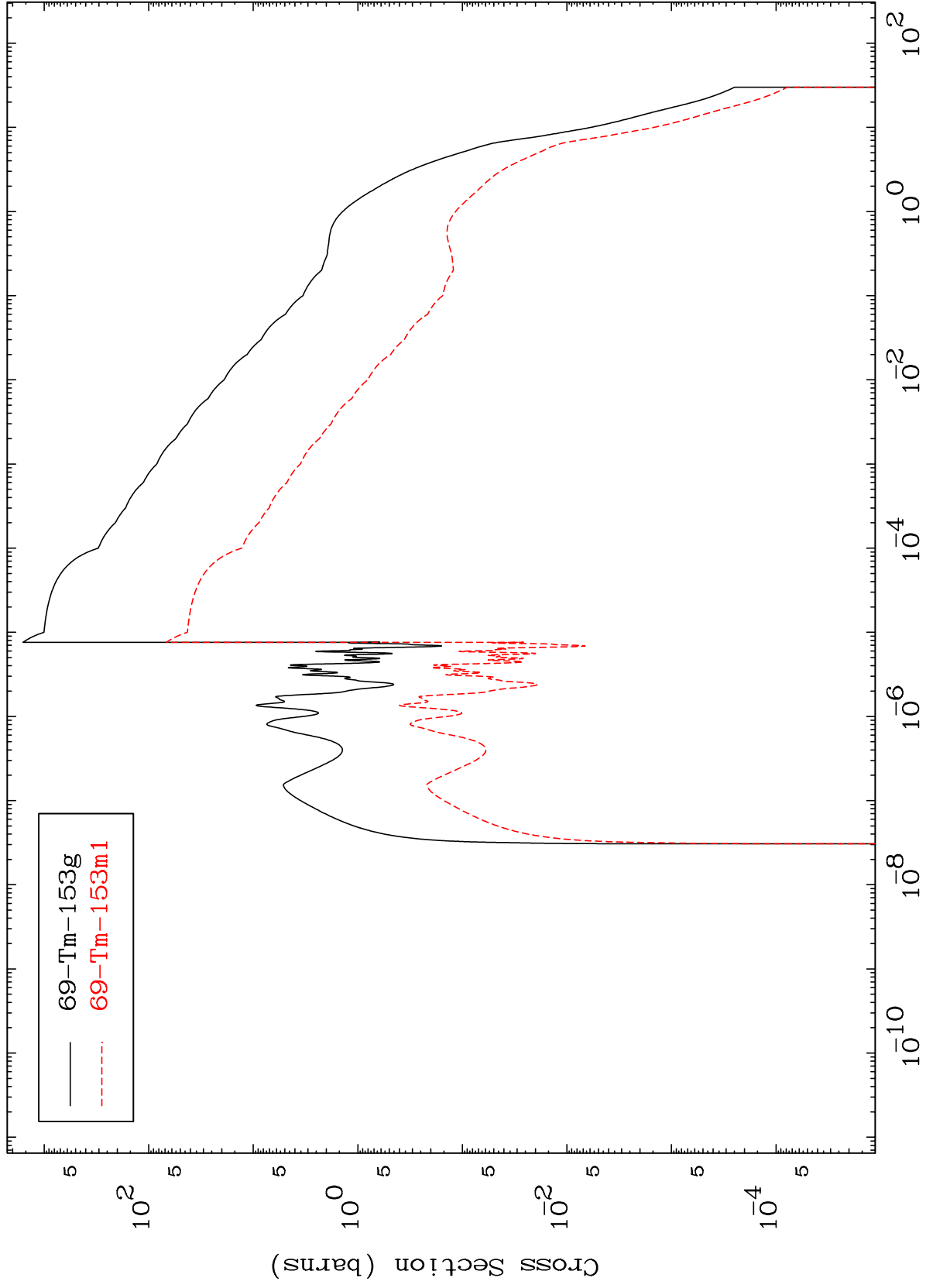
Radionuclide Production Cross Section



MAT 6875

69-Tm-152m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

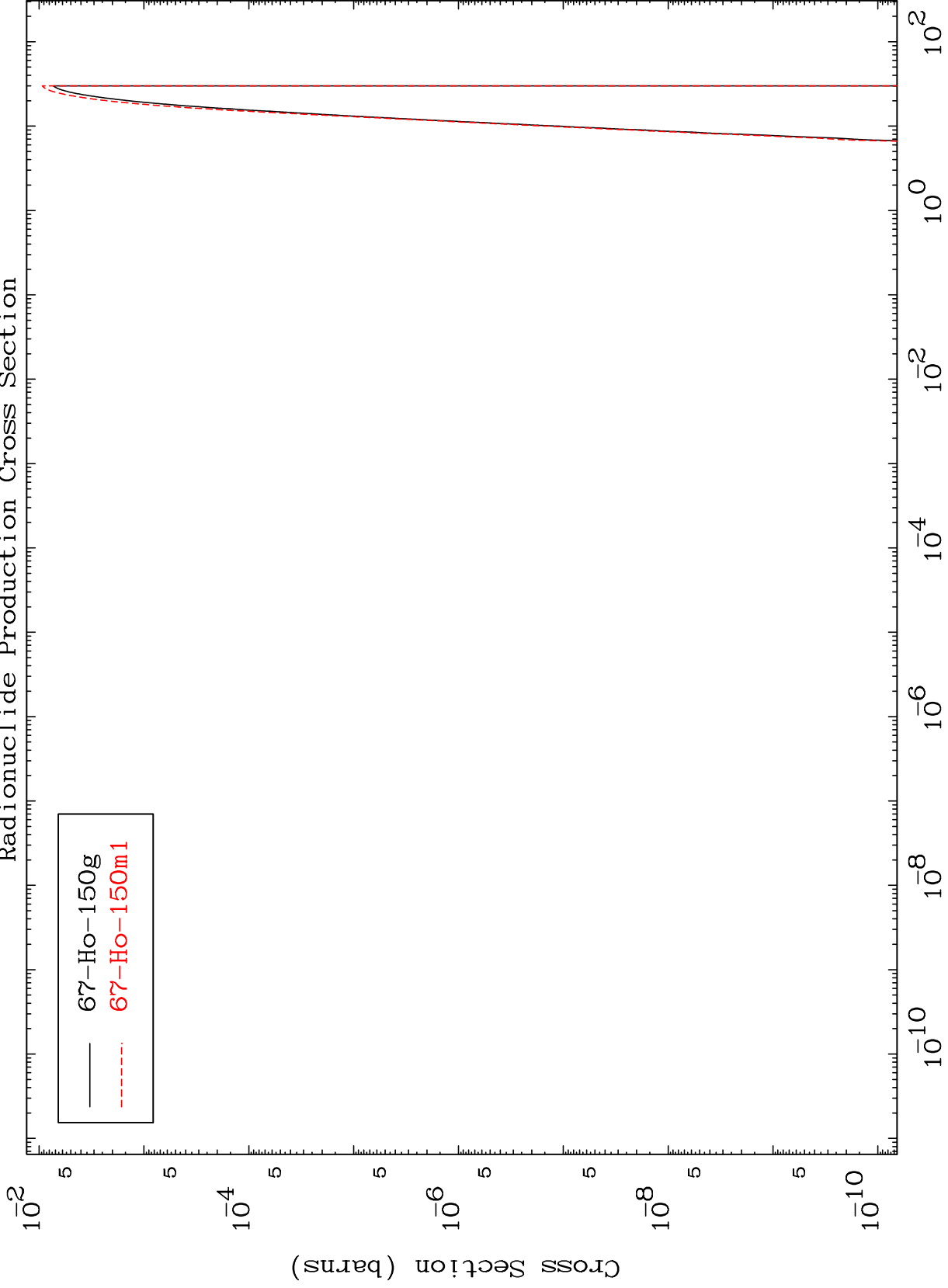
69-Tm-152m

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(n,He-3)

69-Tm-152m

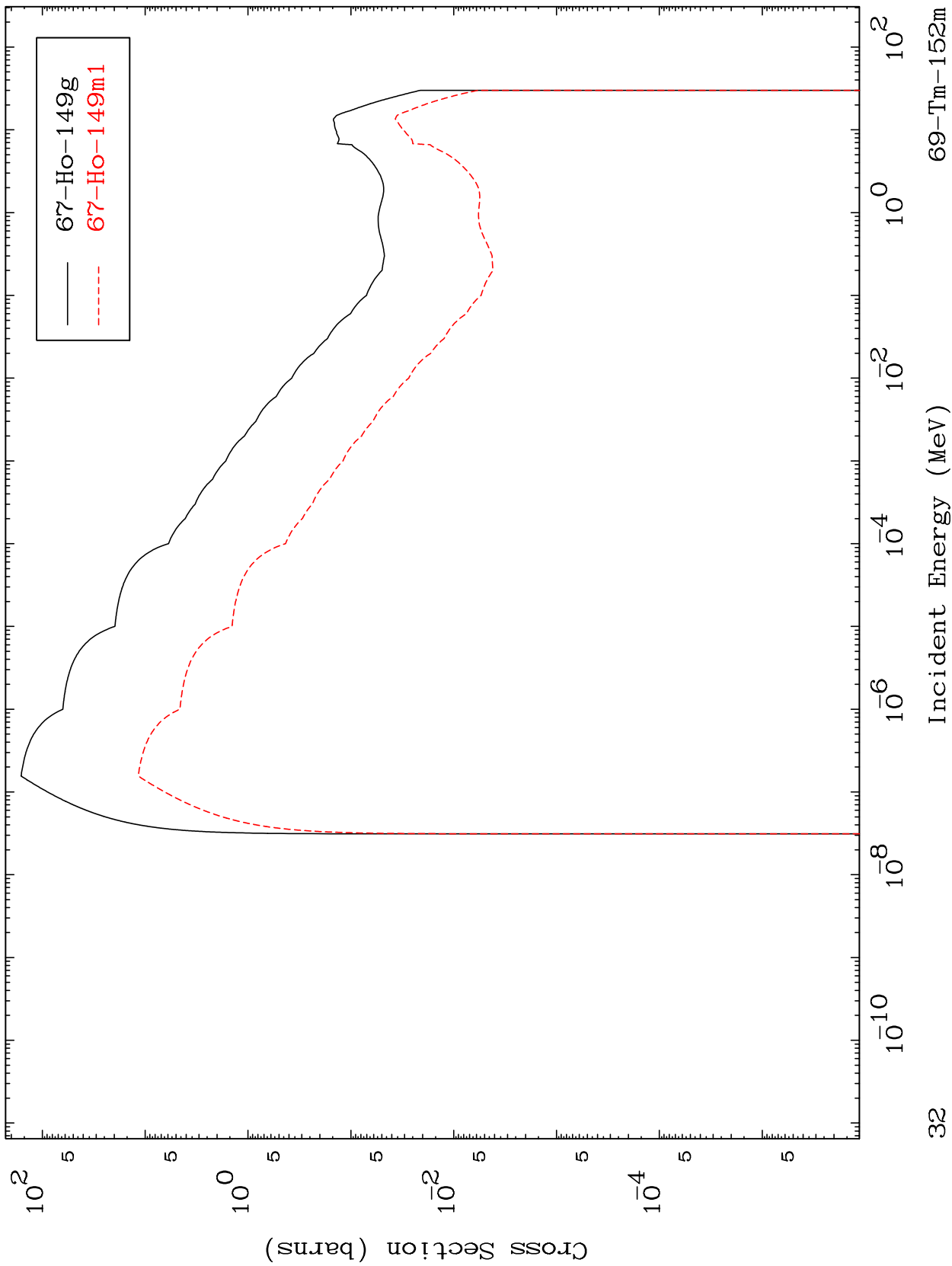
Radionuclide Production Cross Section



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69-Tm-152m

(n, α)
Radionuclide Production Cross Section

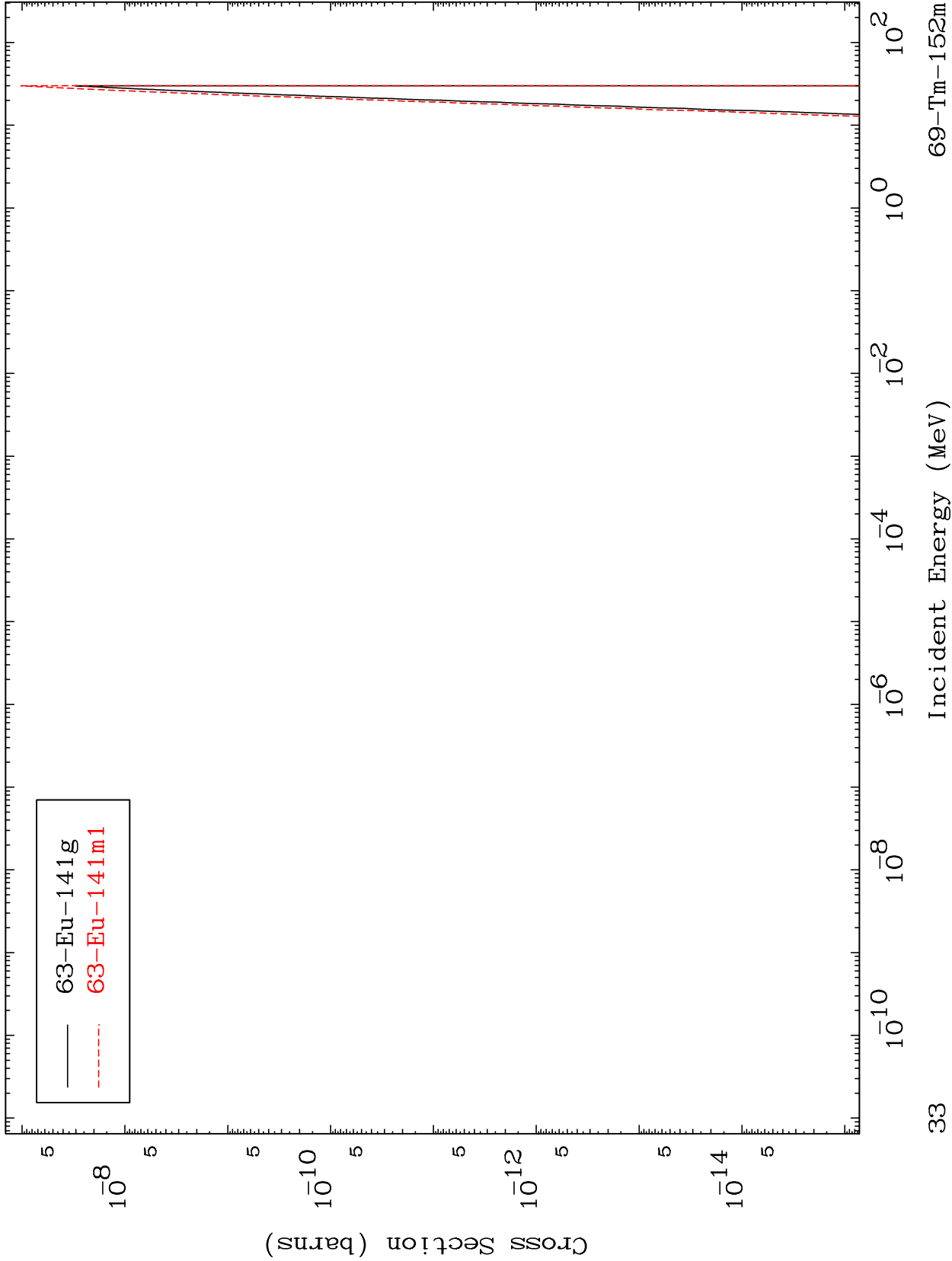


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(n, 3 α)

69-Tm-152m

Radionuclide Production Cross Section

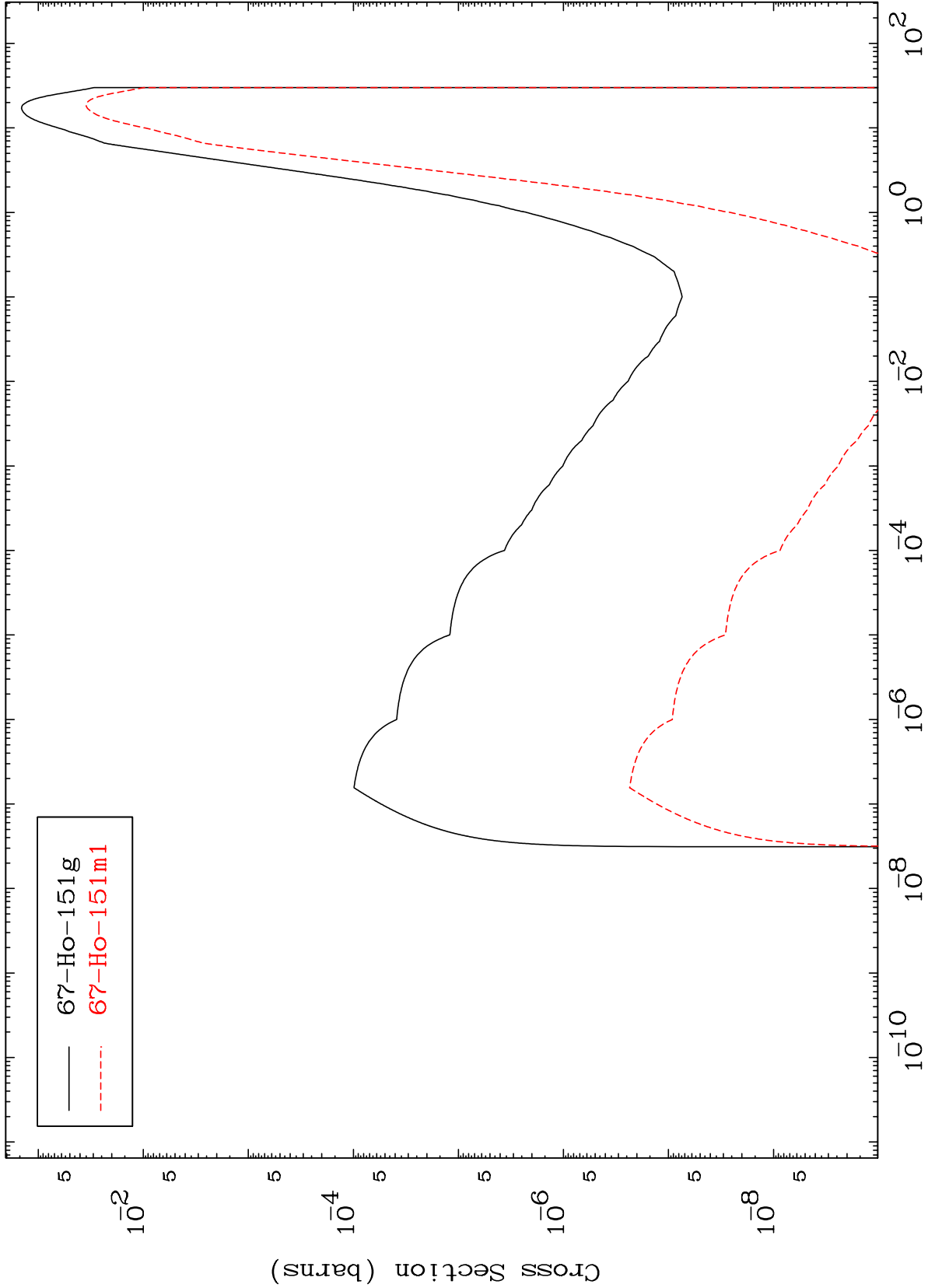
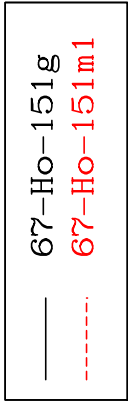


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(n,2p)

69-Tm-152m

Radionuclide Production Cross Section



Incident Energy (MeV)

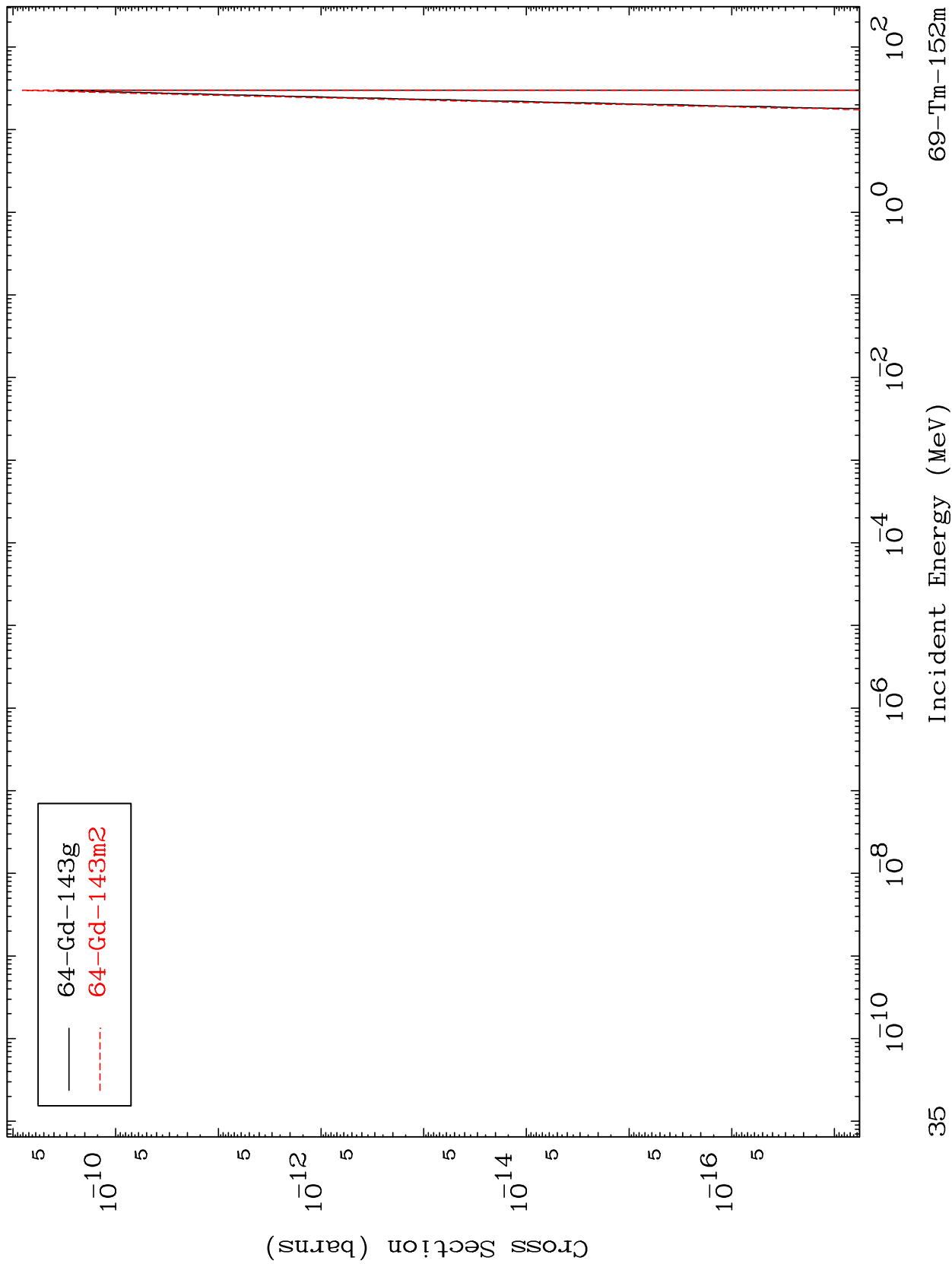
69-Tm-152m

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(n,d) 2 α

69-Tm-152m

Radionuclide Production Cross Section

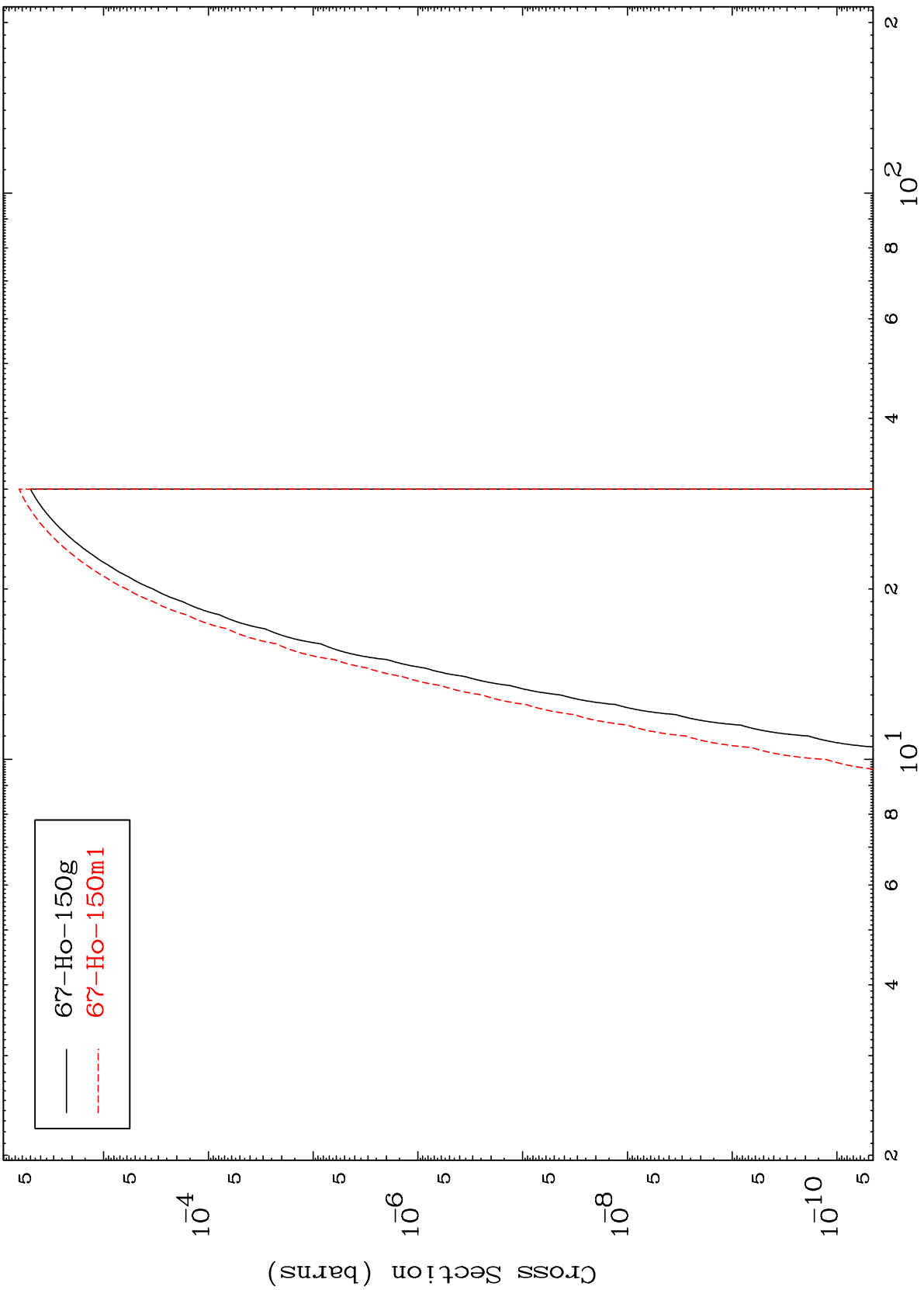


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(n,p) d

69-Tm-152m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

69-Tm-152m

MAT 6875

(n,p) t

69-Tm-152m

