

Program EVALPLOT  
(Version 2021-1)

by

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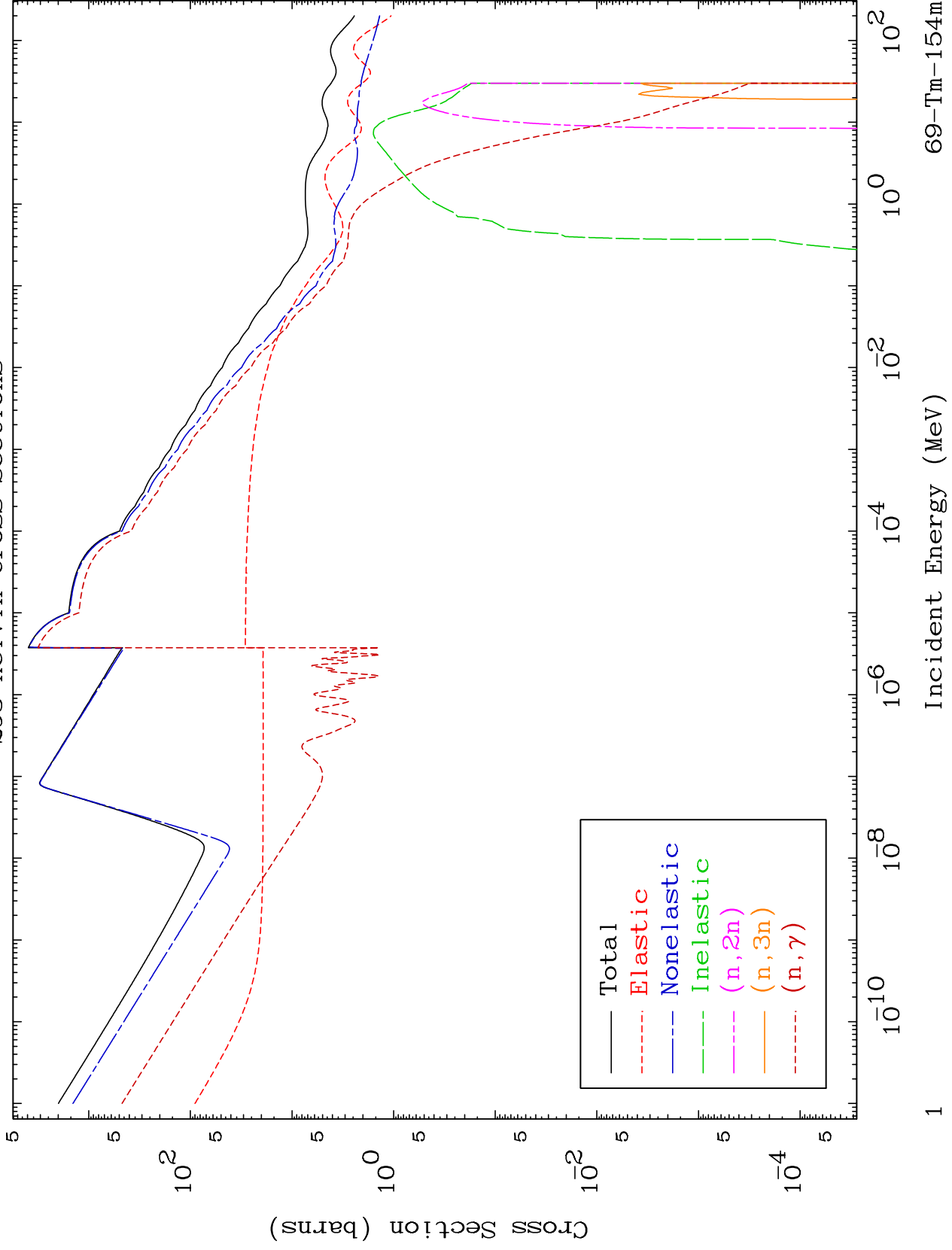
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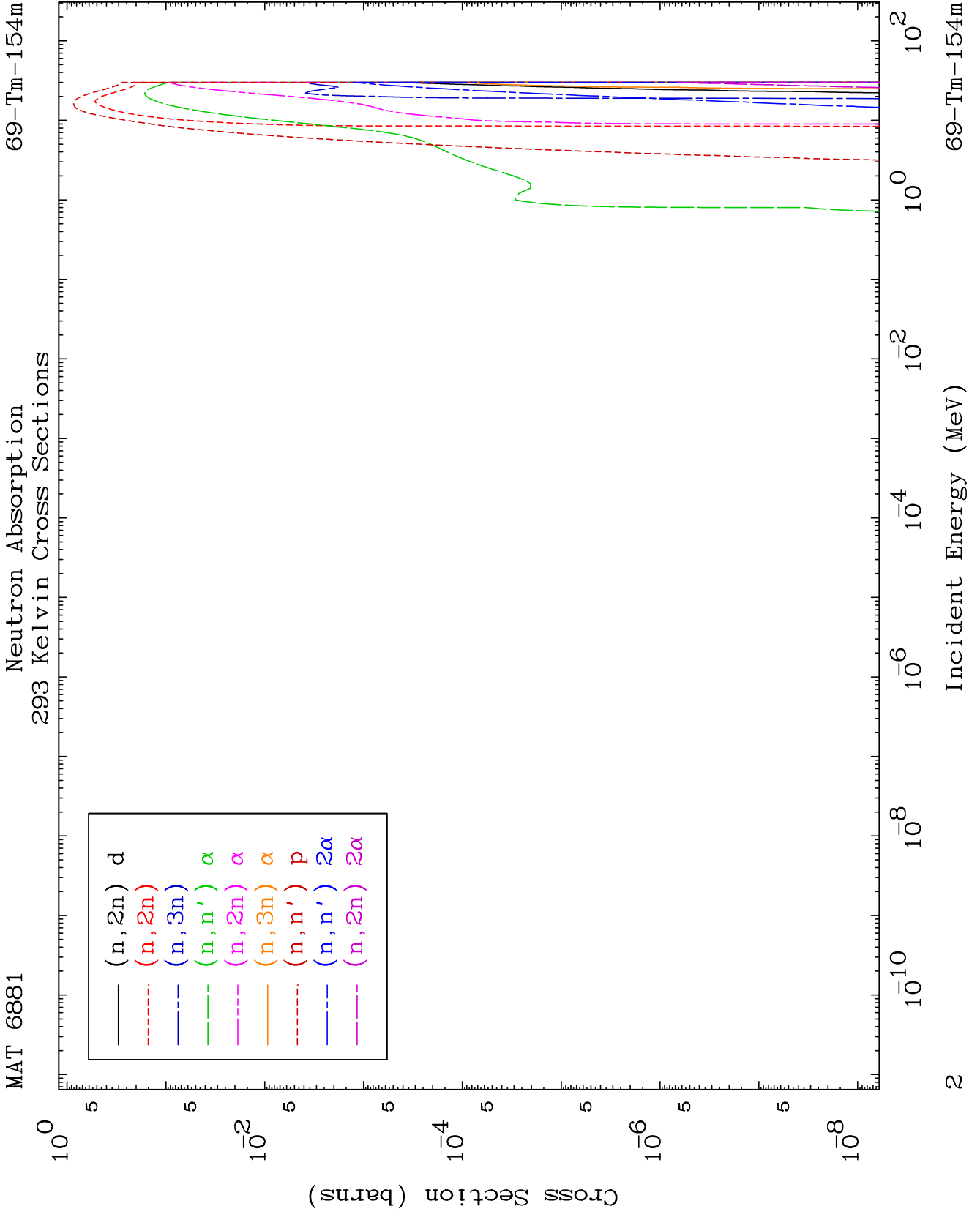
Press Mouse Button to Start

MAT 6881

Neutron Major  
293 Kelvin Cross Sections

69-Tm-154m

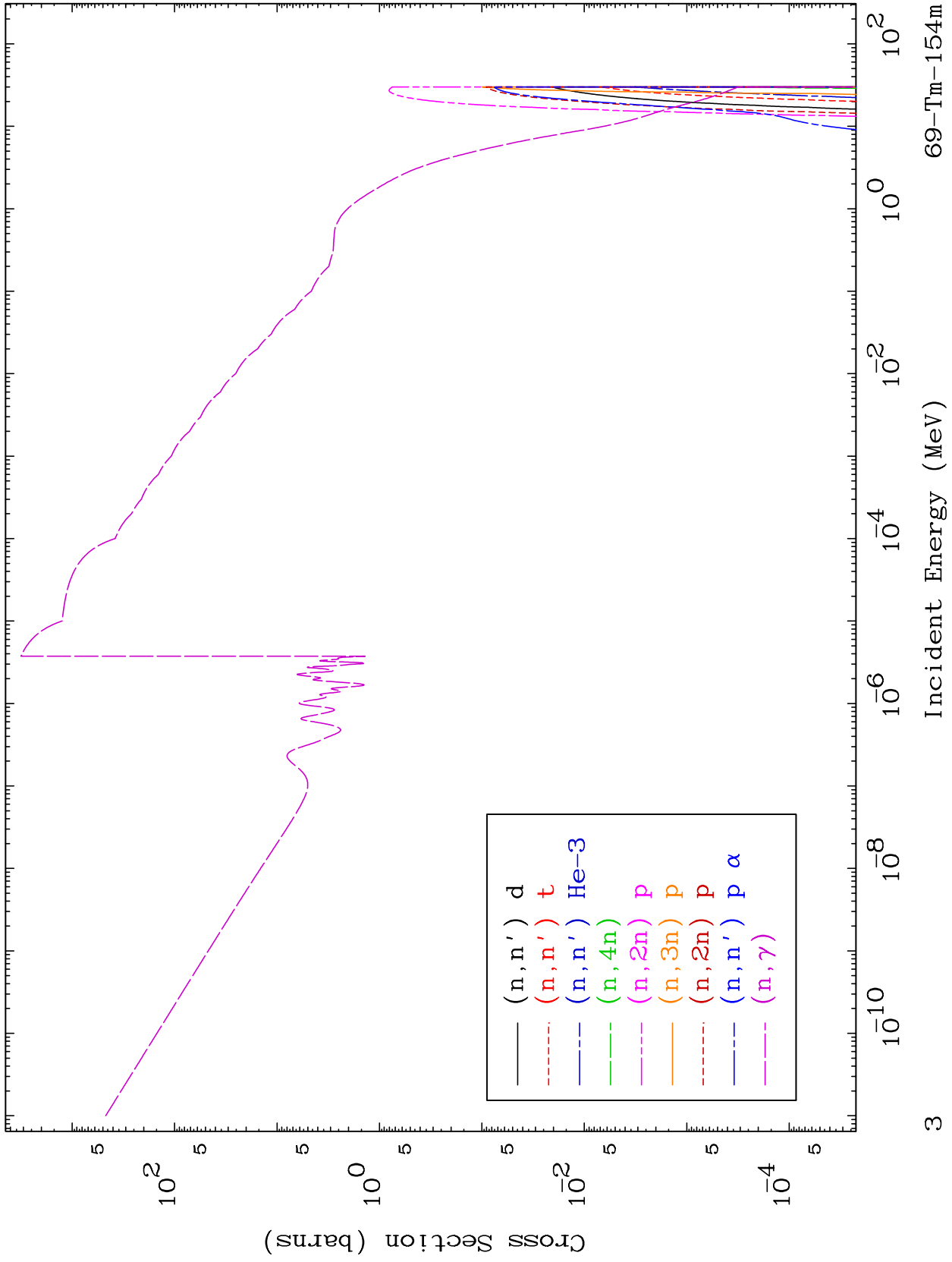




MAT 6881

Neutron Absorption  
293 Kelvin Cross Sections

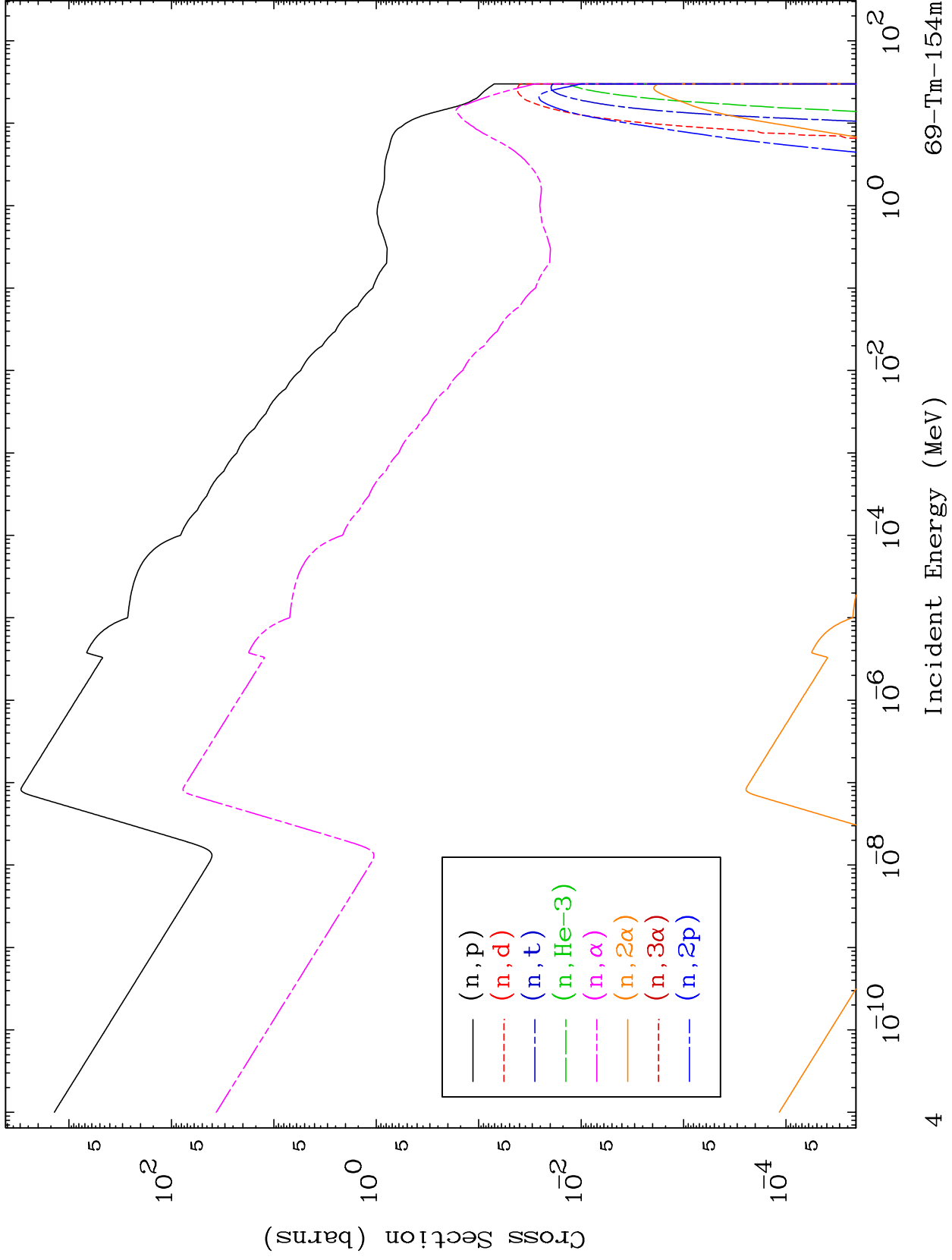
69-Tm-154m



MAT 6881

Neutron Absorption  
293 Kelvin Cross Sections

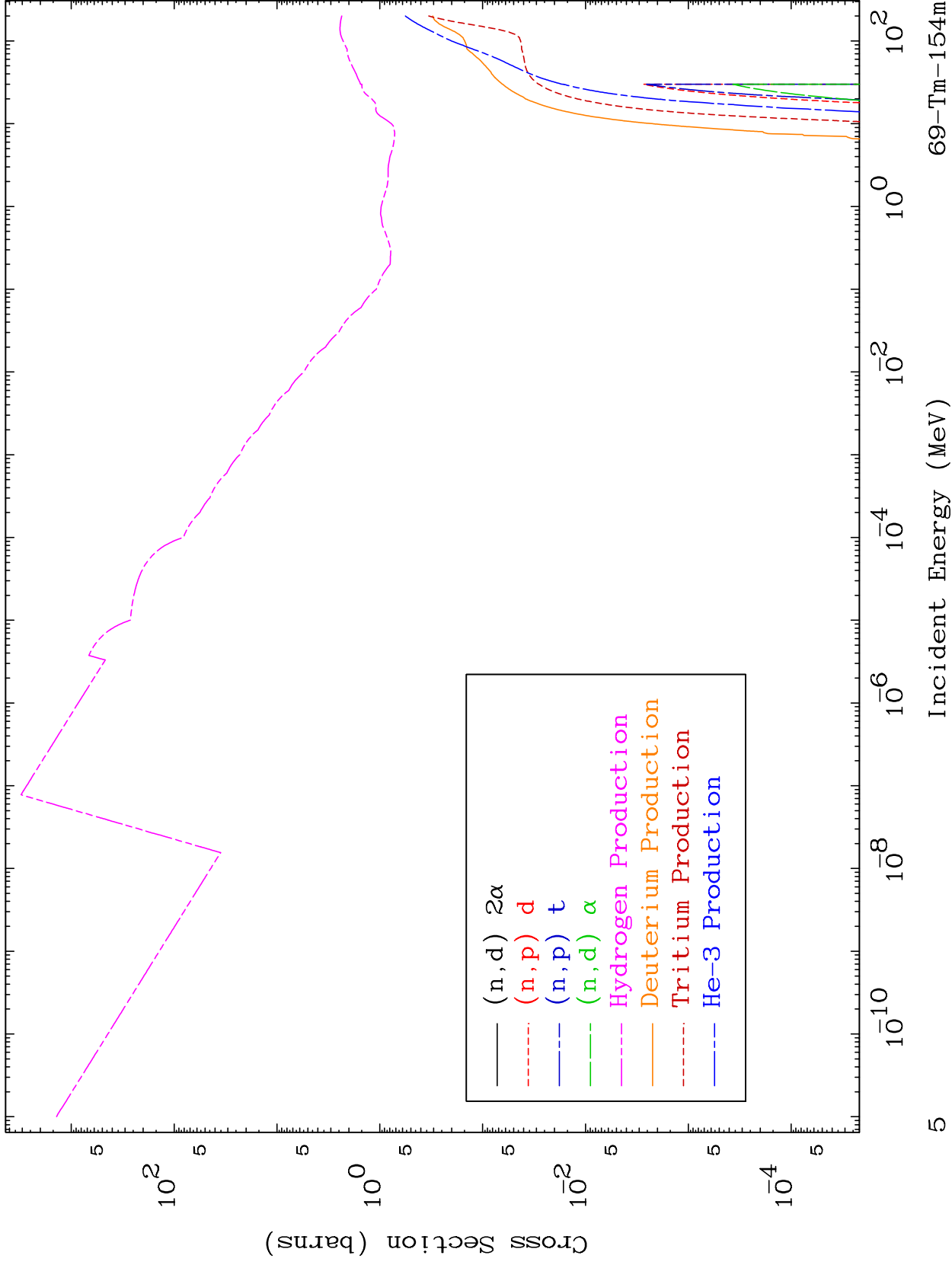
69-Tm-154m

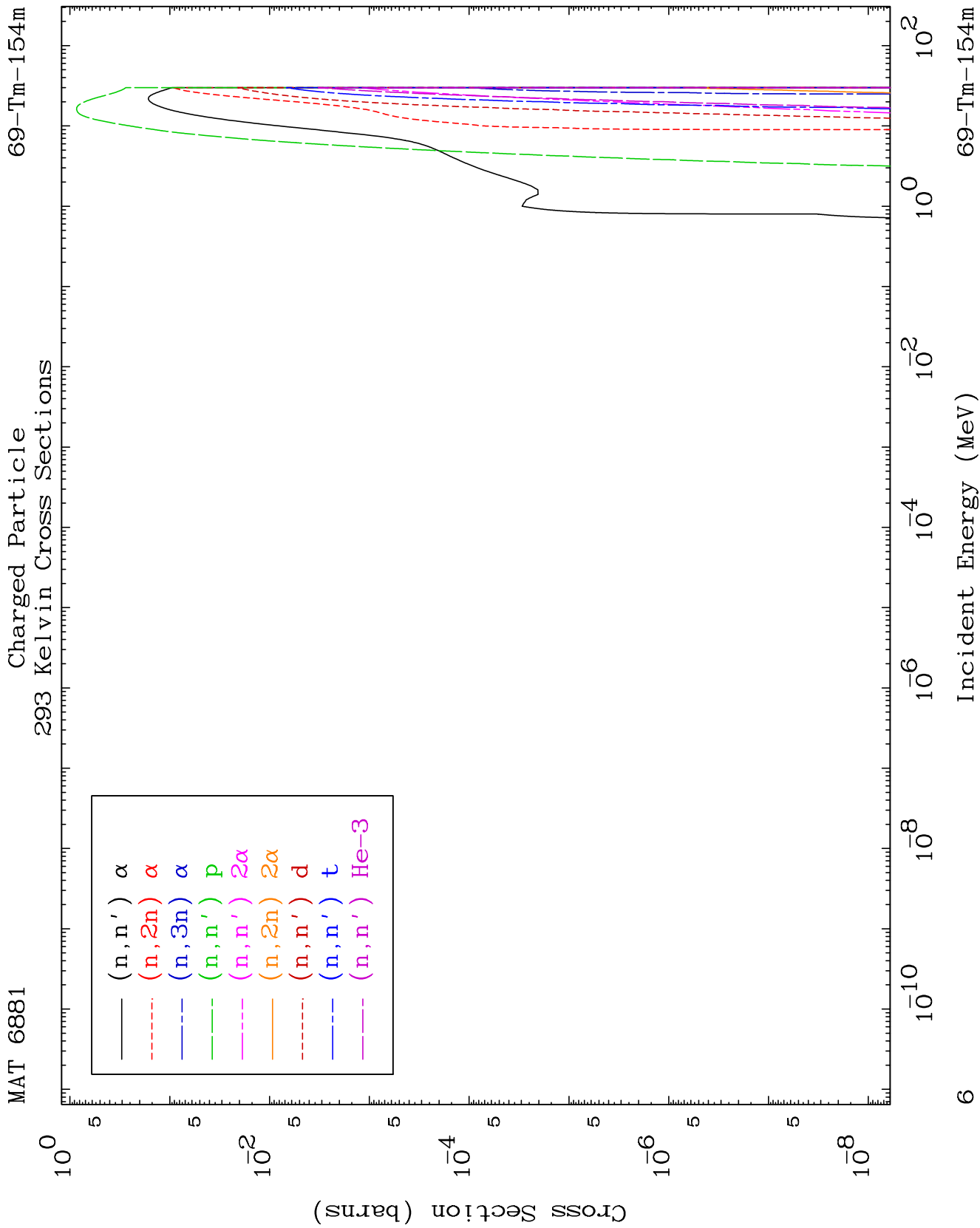


MAT 6881

Neutron Absorption  
293 Kelvin Cross Sections

69-Tm-154m

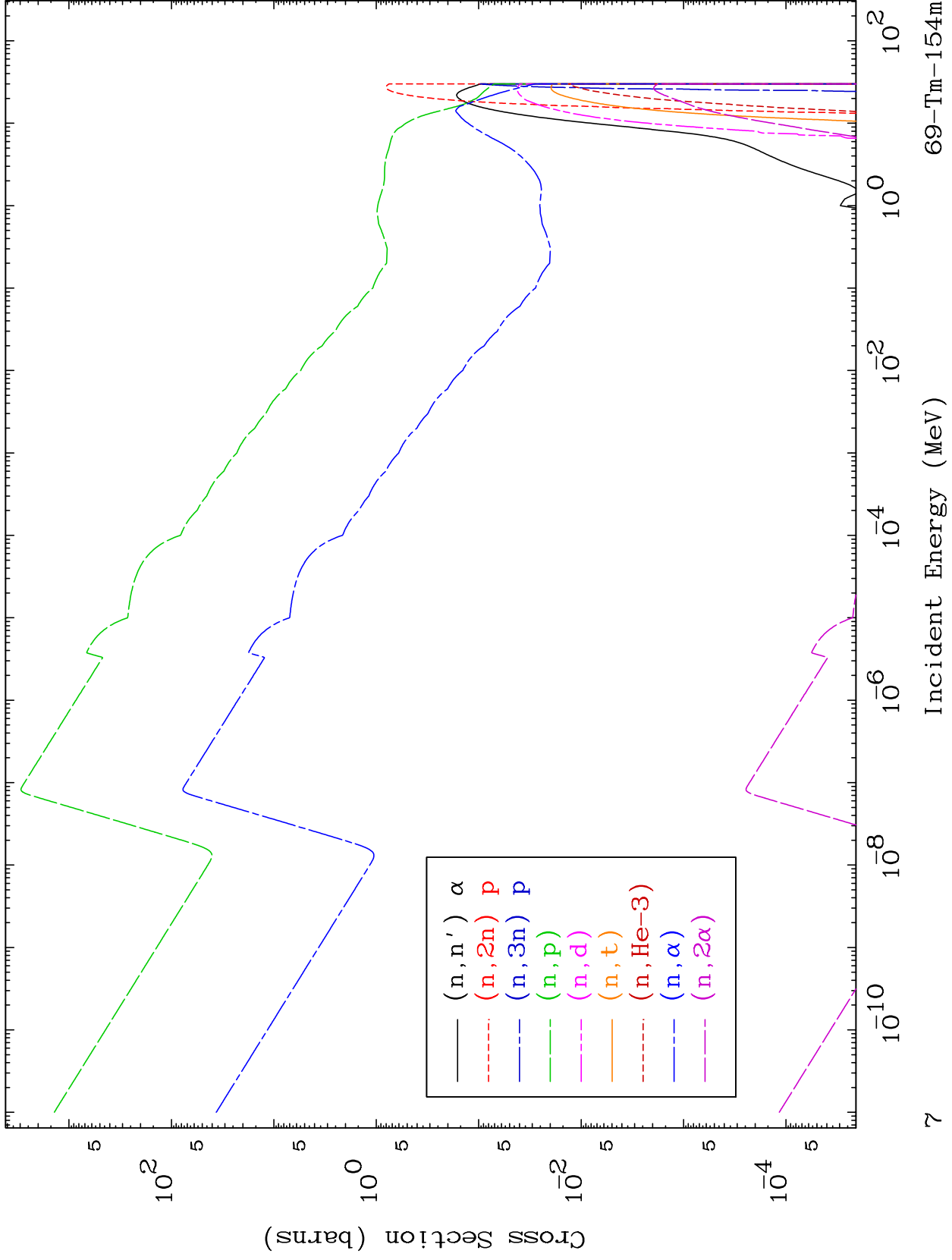




MAT 6881

Charged Particle  
293 Kelvin Cross Sections

69-Tm-154m

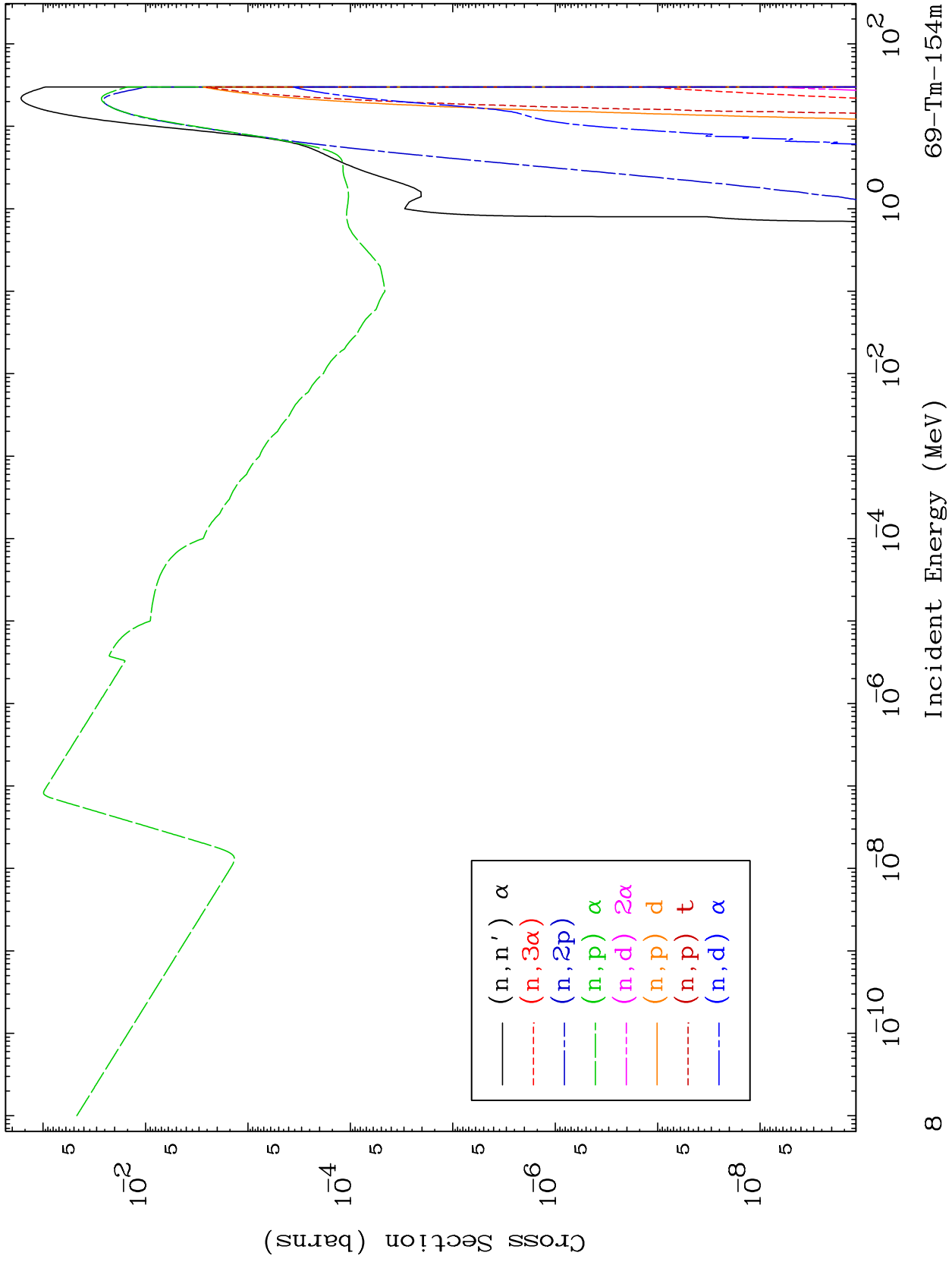




MAT 6881

Charged Particle  
293 Kelvin Cross Sections

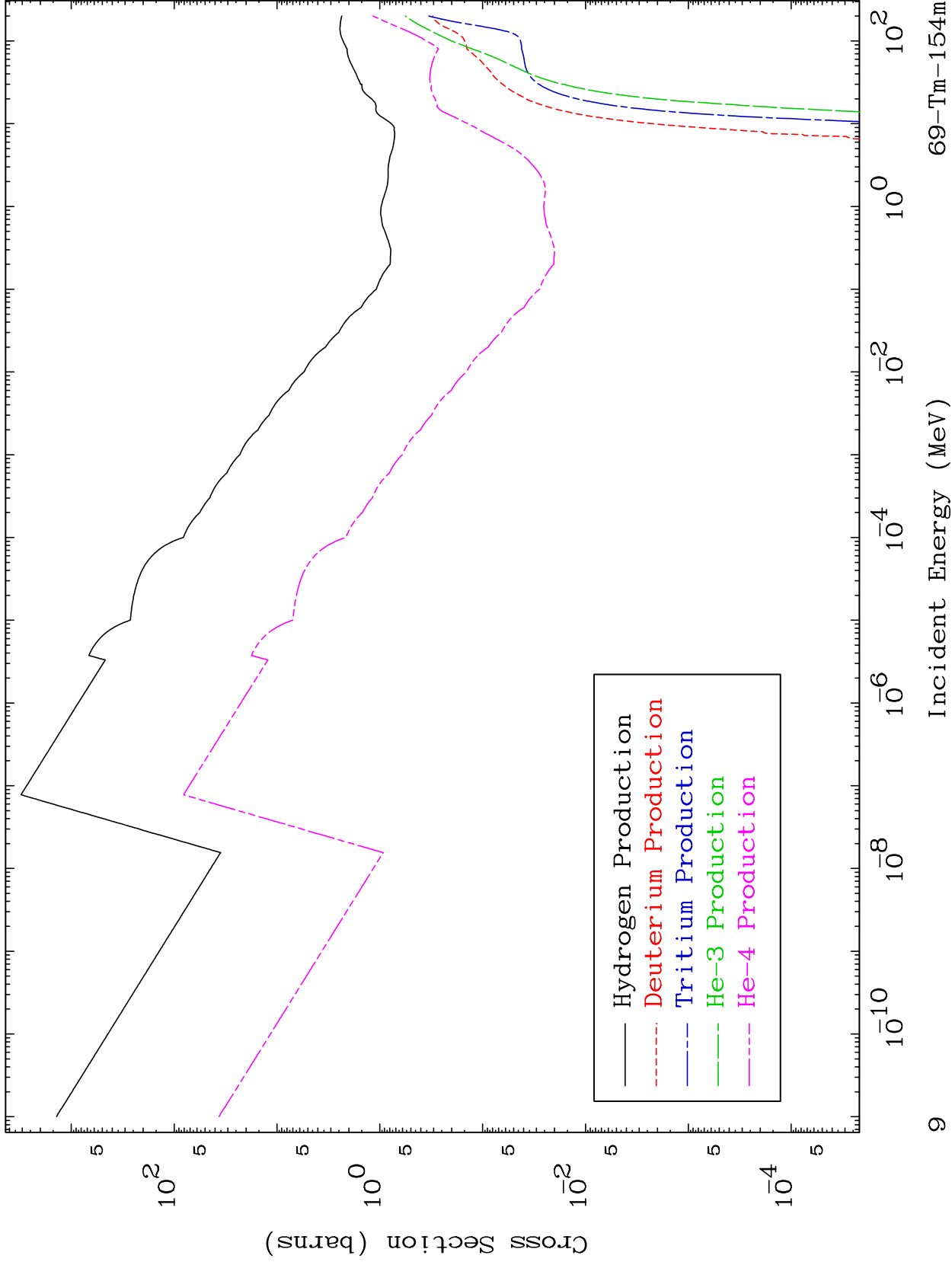
69-Tm-154m



MAT 6881

Particle Production  
293 Kelvin Cross Sections

69-Tm-154m

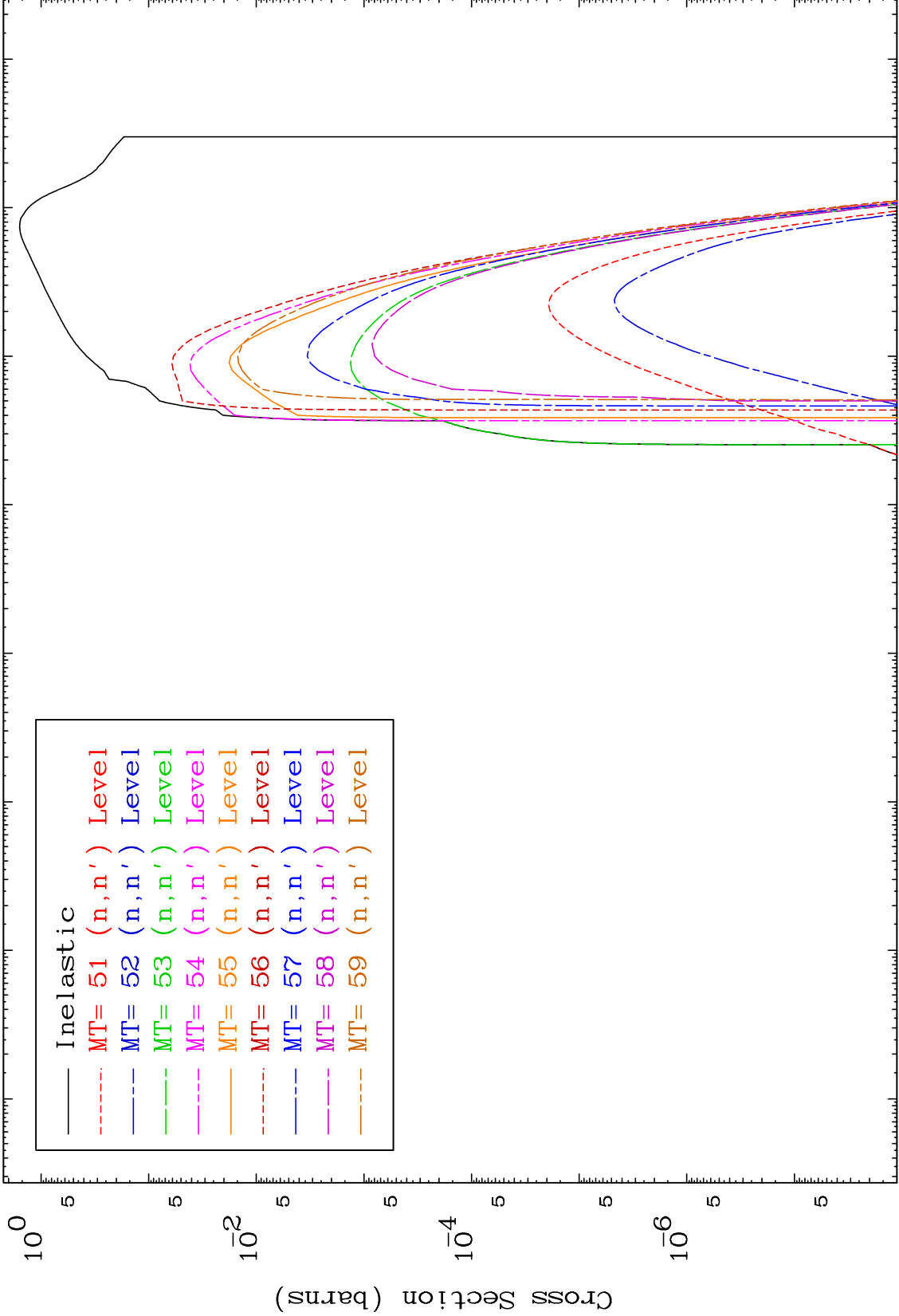


MAT 6881

(n,n') Levels

69-Tm-154m

293 Kelvin Cross Sections



—	Inelastic
- - -	MT= 51 (n,n') Level
- . - .	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . - .	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . - .	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . - .	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level

10

Incident Energy (MeV)

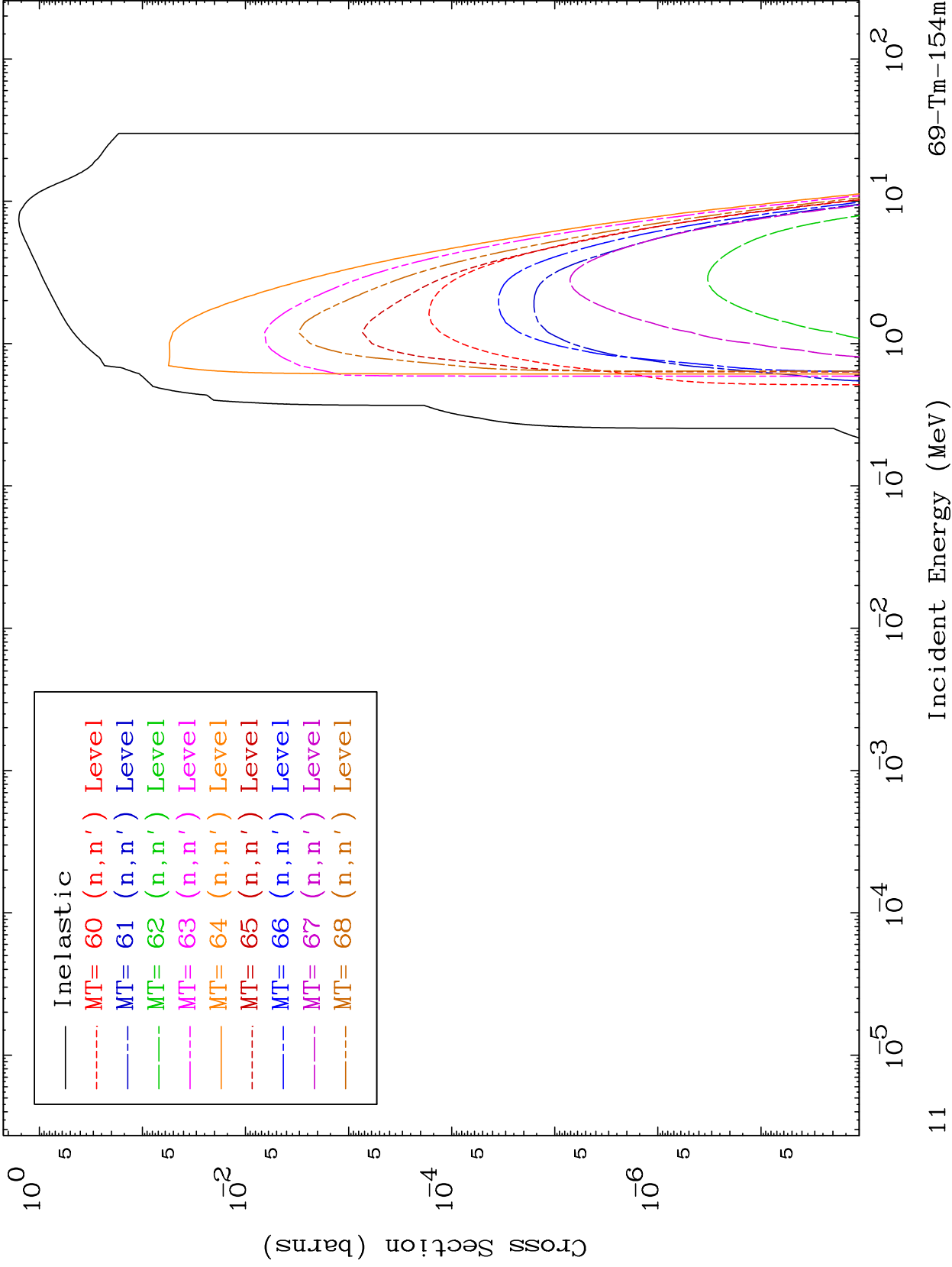
69-Tm-154m

MAT 6881

(n,n') Levels

69-Tm-154m

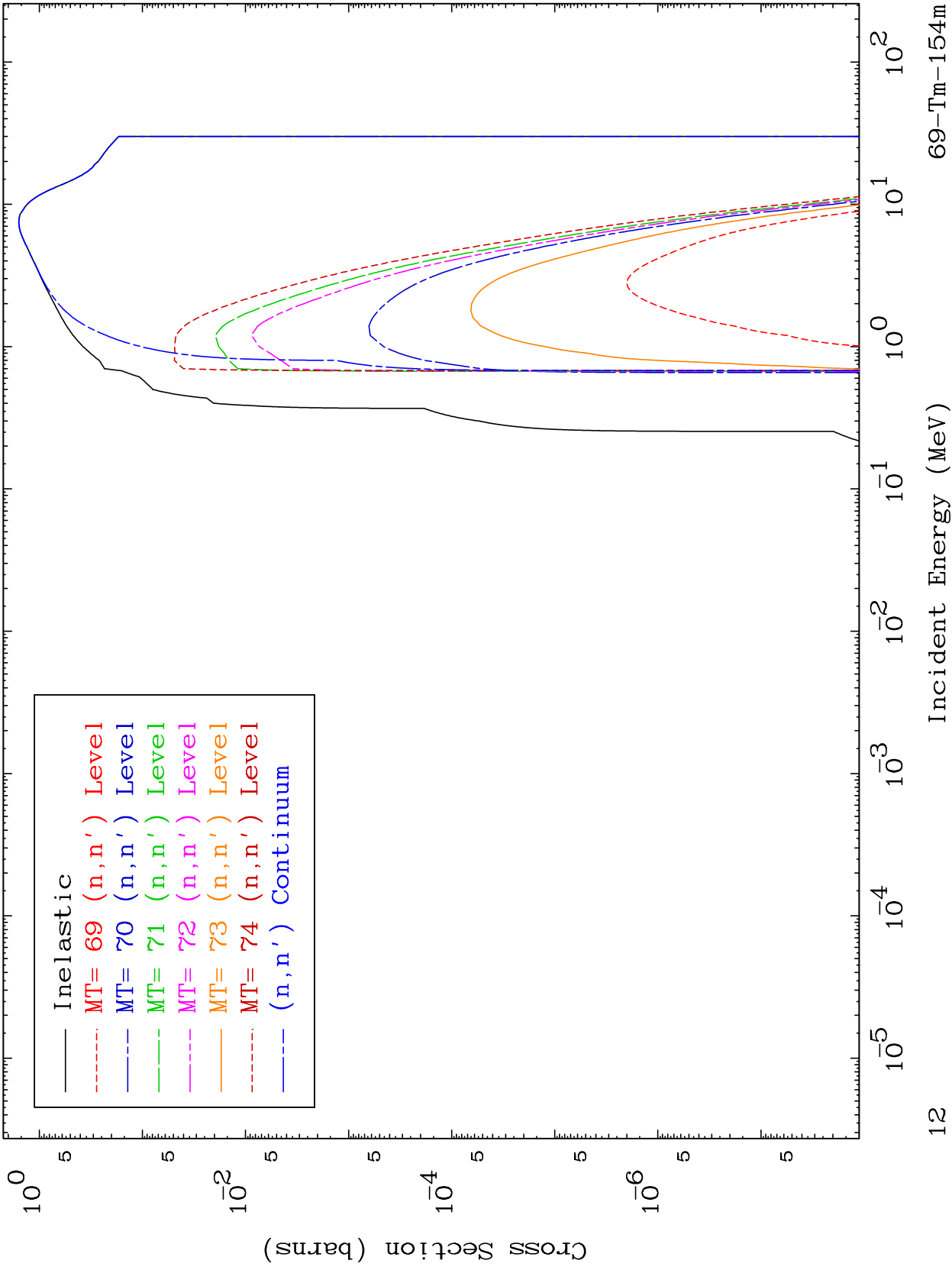
293 Kelvin Cross Sections



MAT 6881

(n,n') Levels  
293 Kelvin Cross Sections

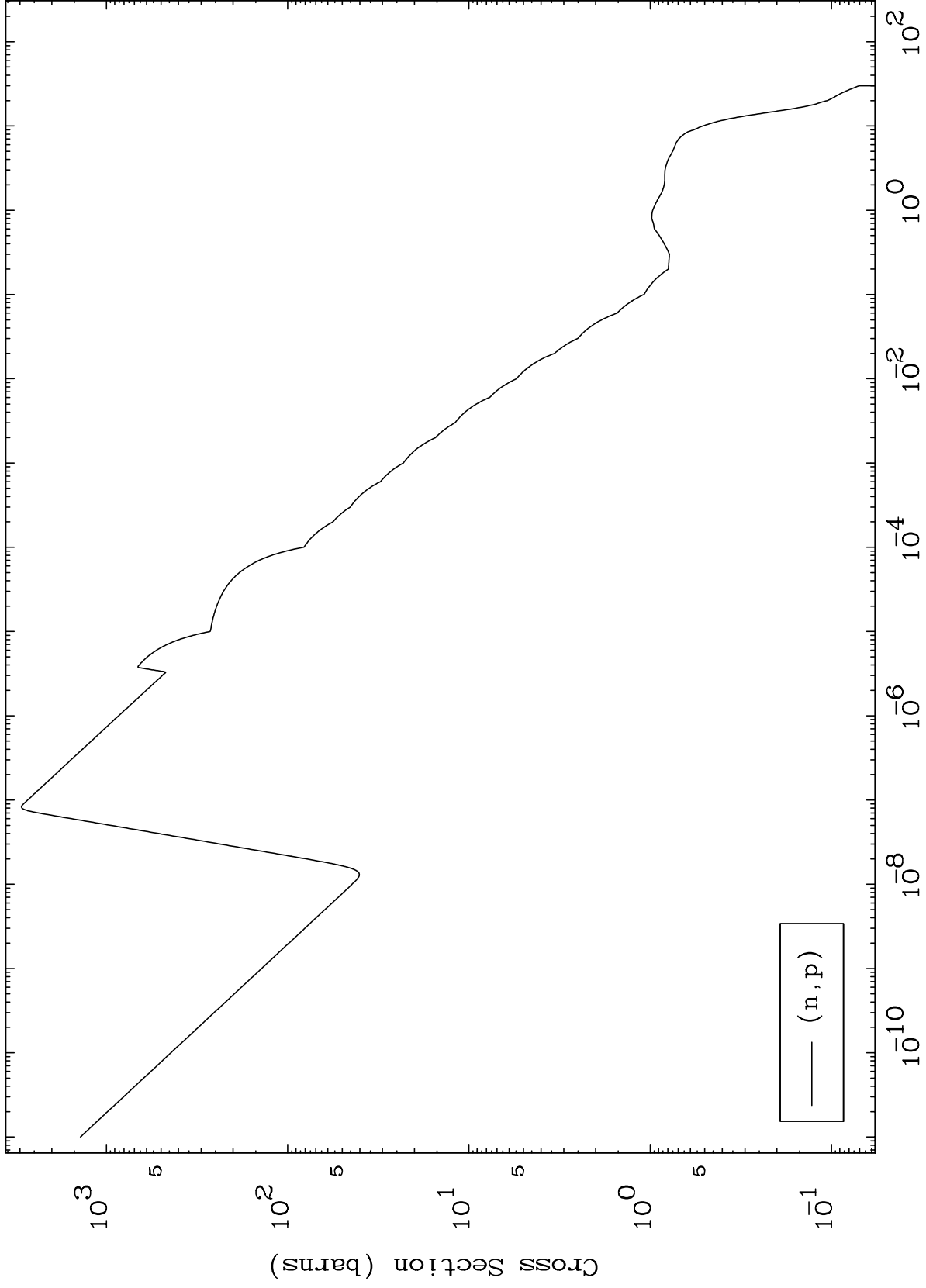
69-Tm-154m



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(n,p) Levels  
293 Kelvin Cross Sections

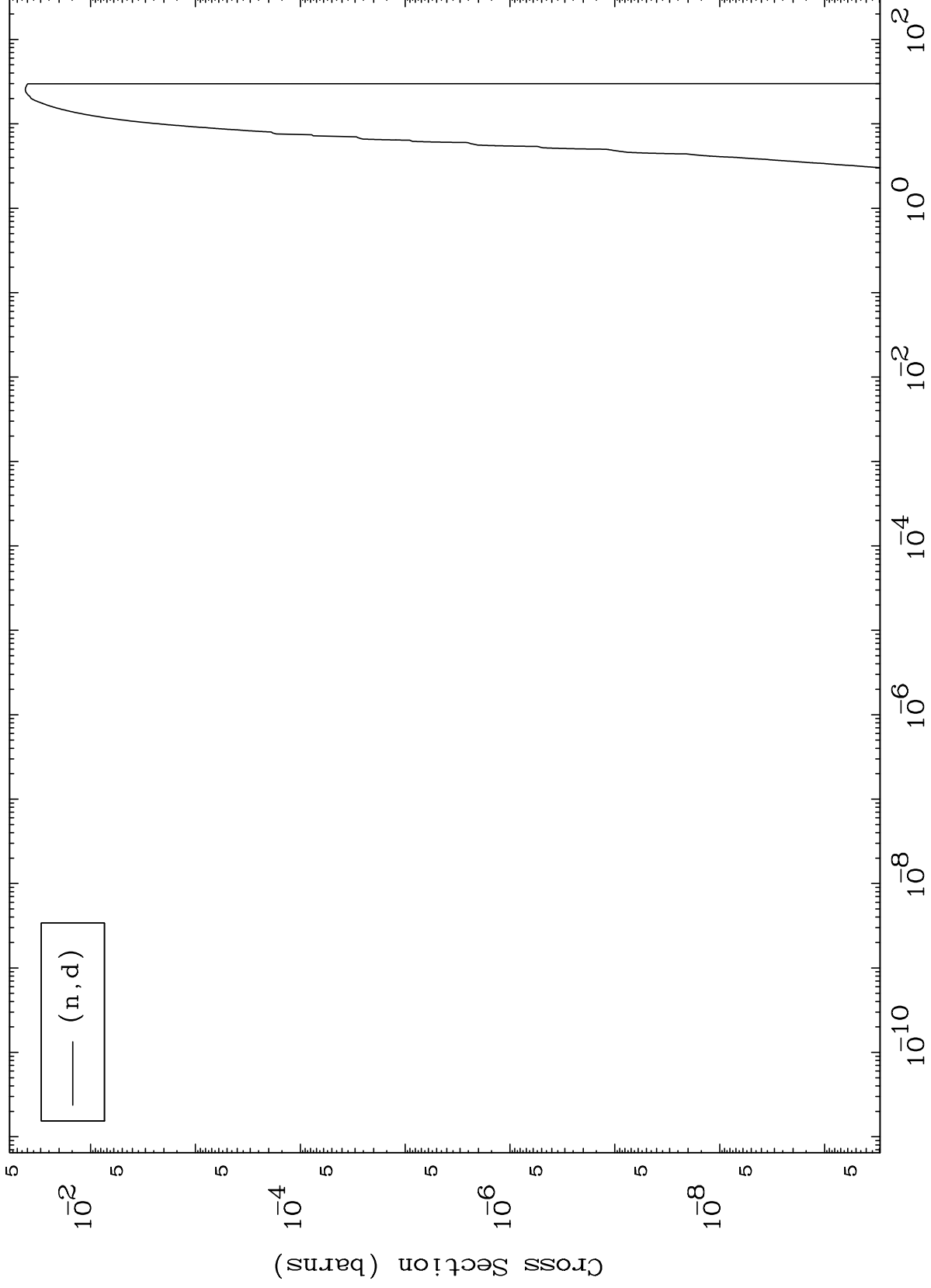
69-Tm-154m



MAT 6881

(n,d) Levels  
293 Kelvin Cross Sections

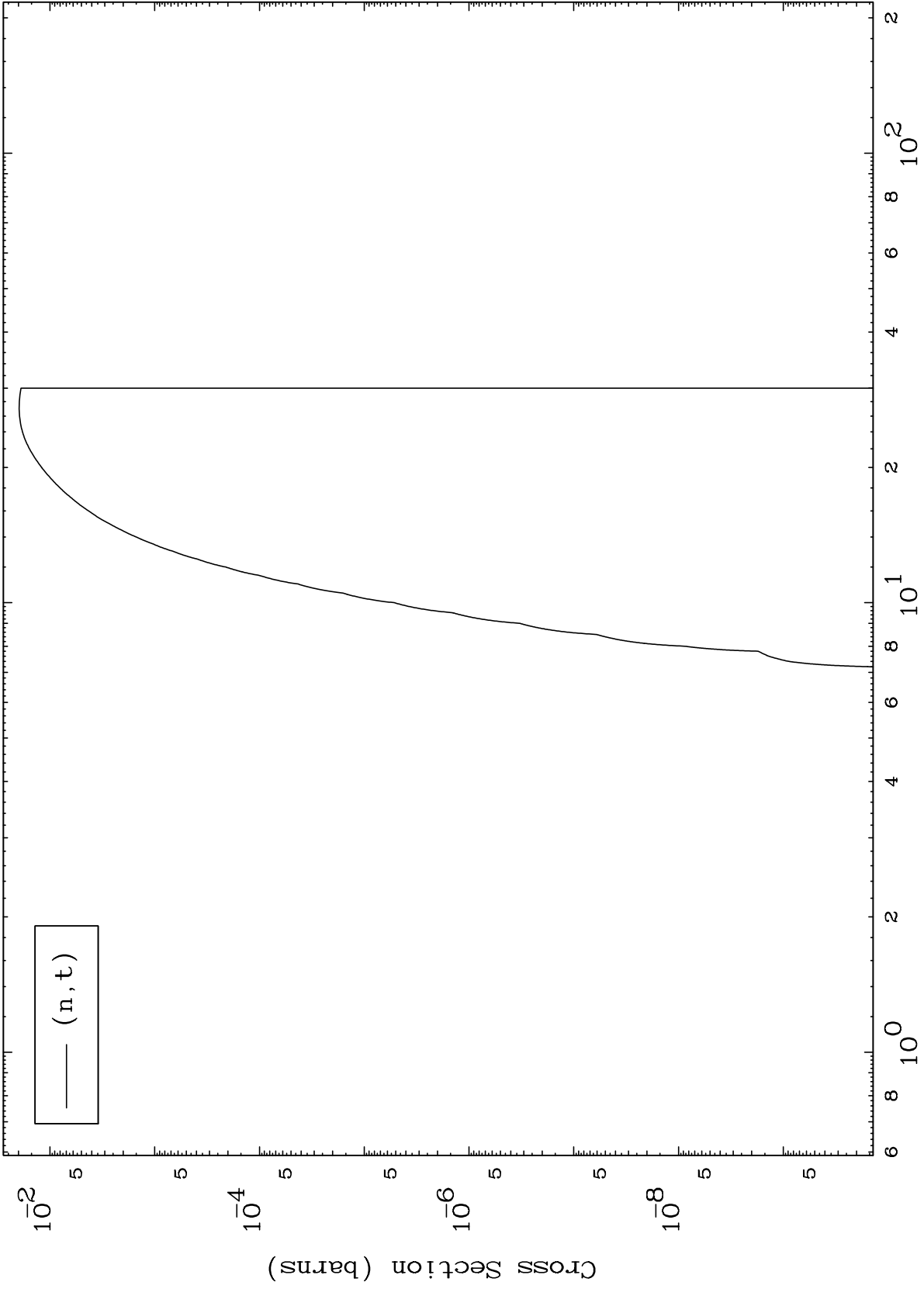
69-Tm-154m



MAT 6881

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-154m



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Incident Energy (MeV)

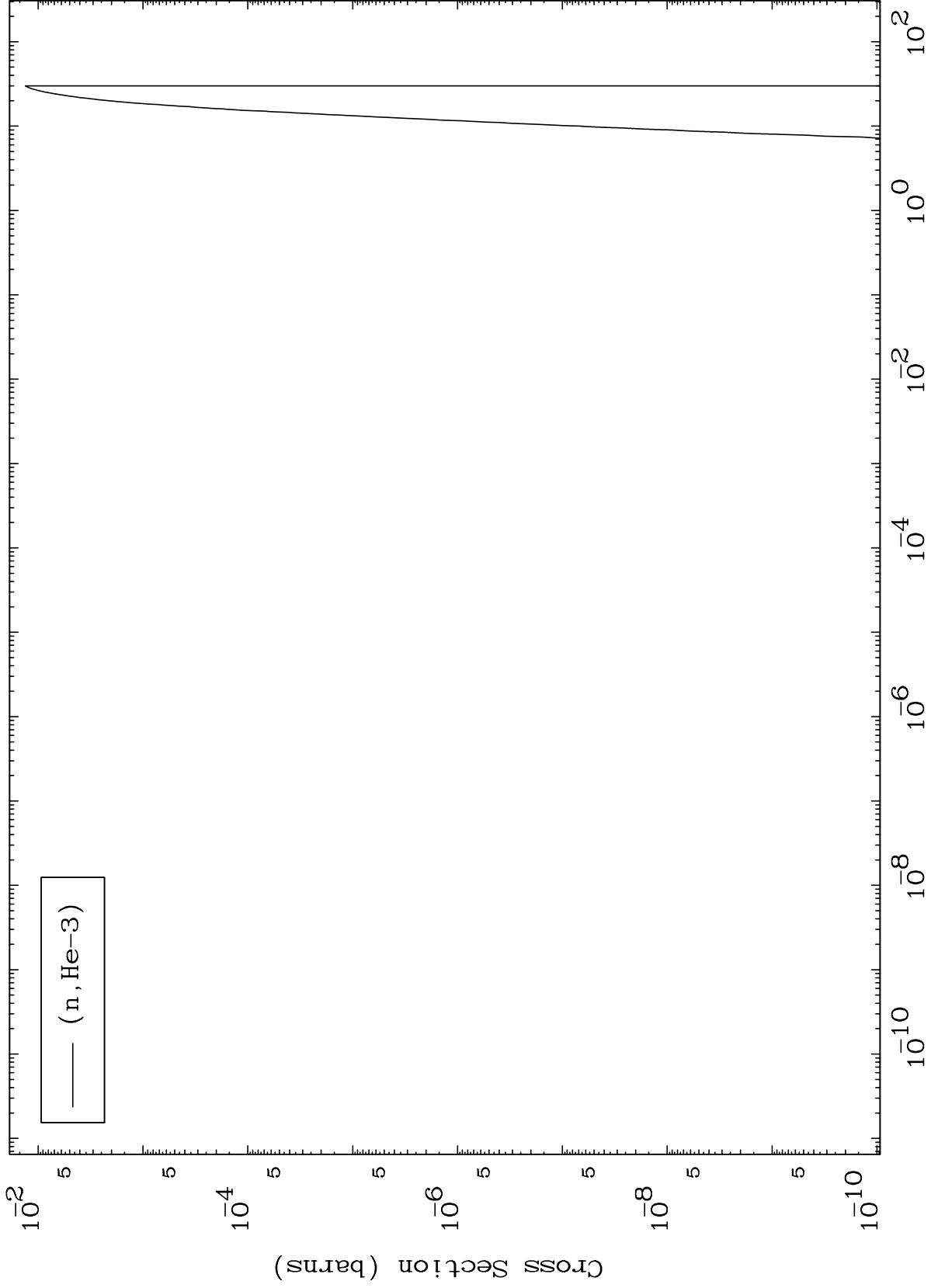
69-Tm-154m

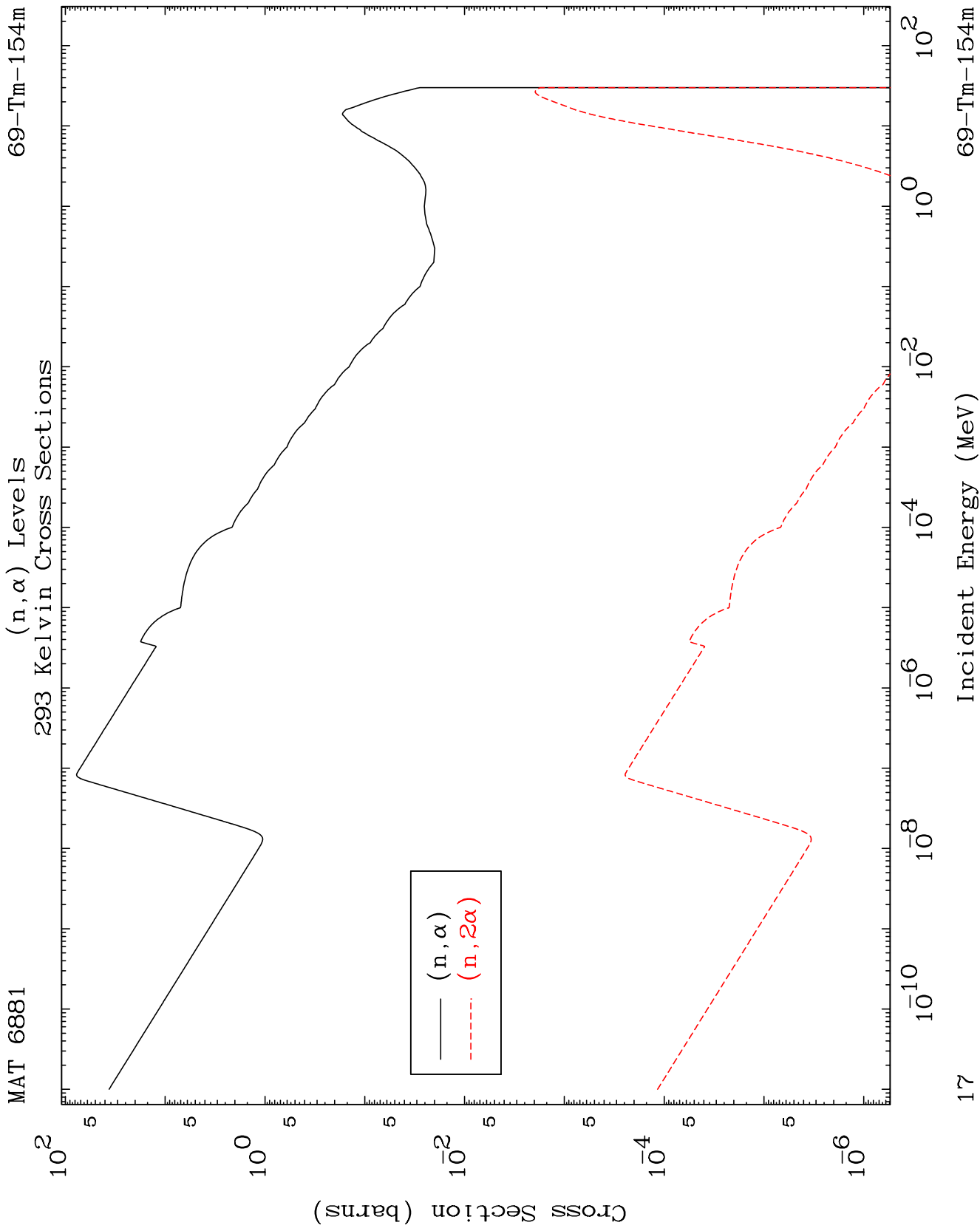


MAT 6881

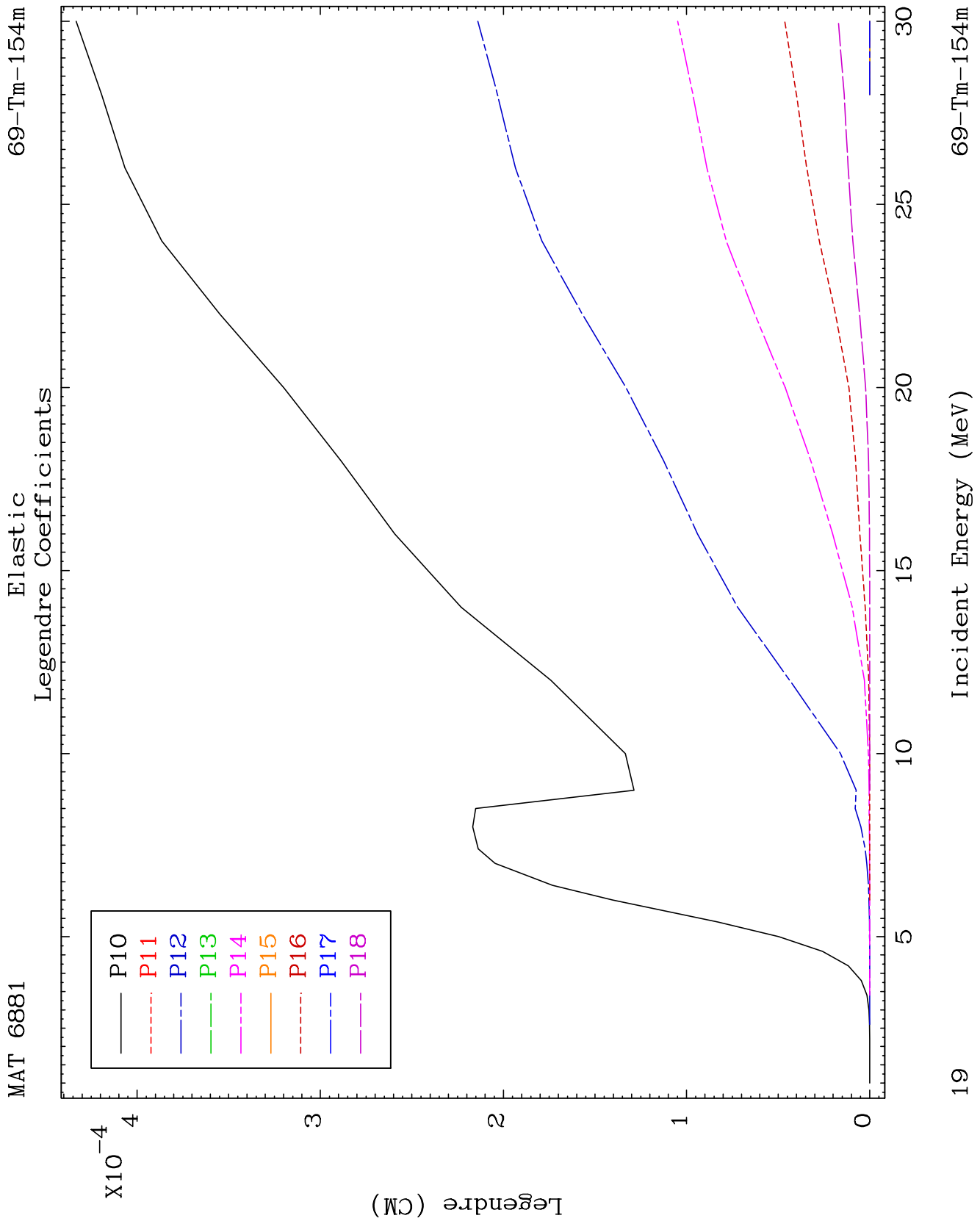
(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-154m





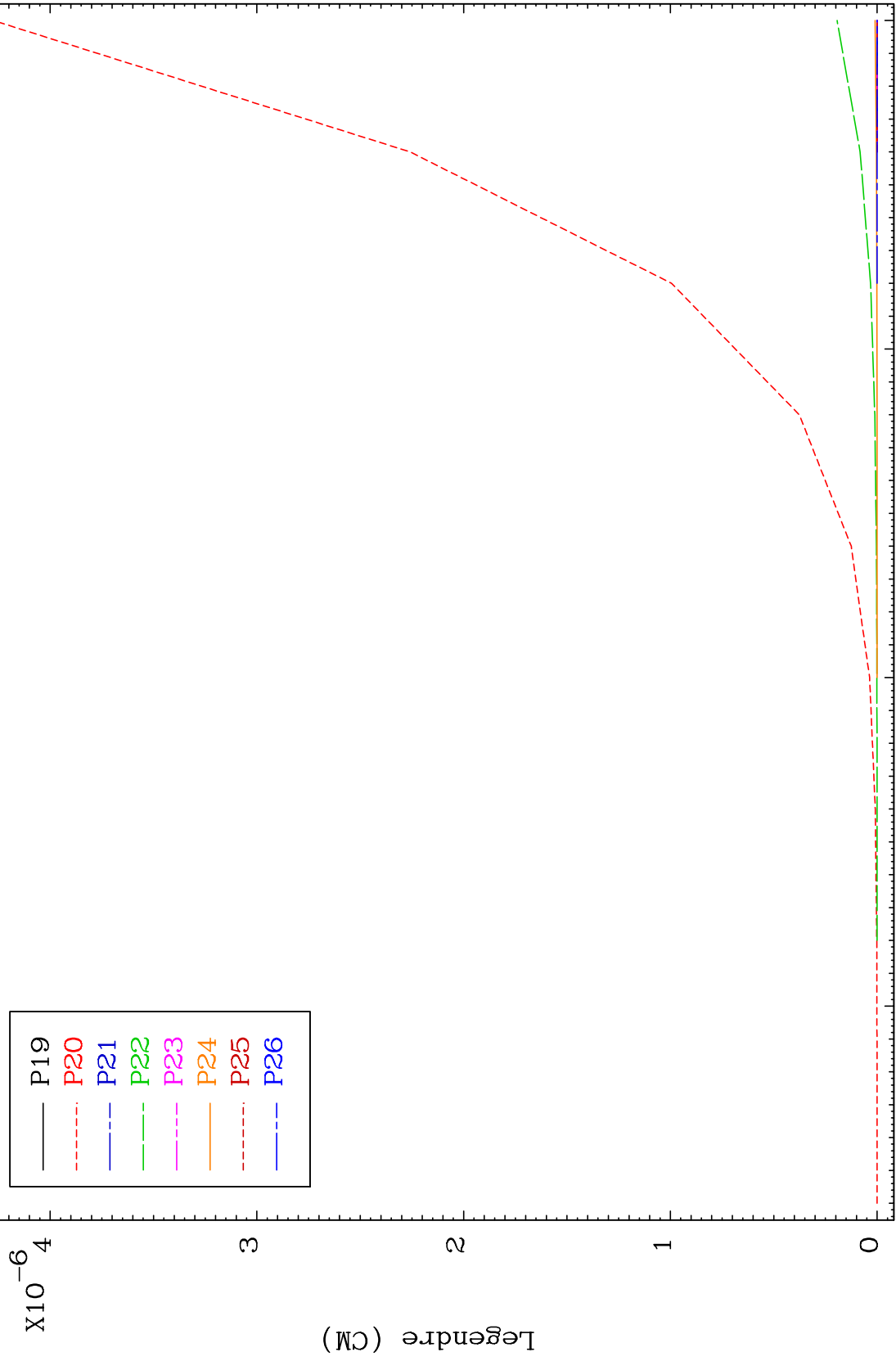
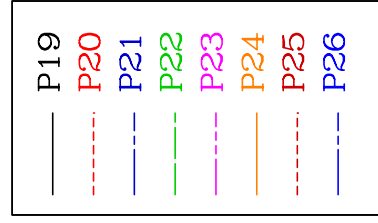




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Elastic  
Legendre Coefficients

69-Tm-154m



20

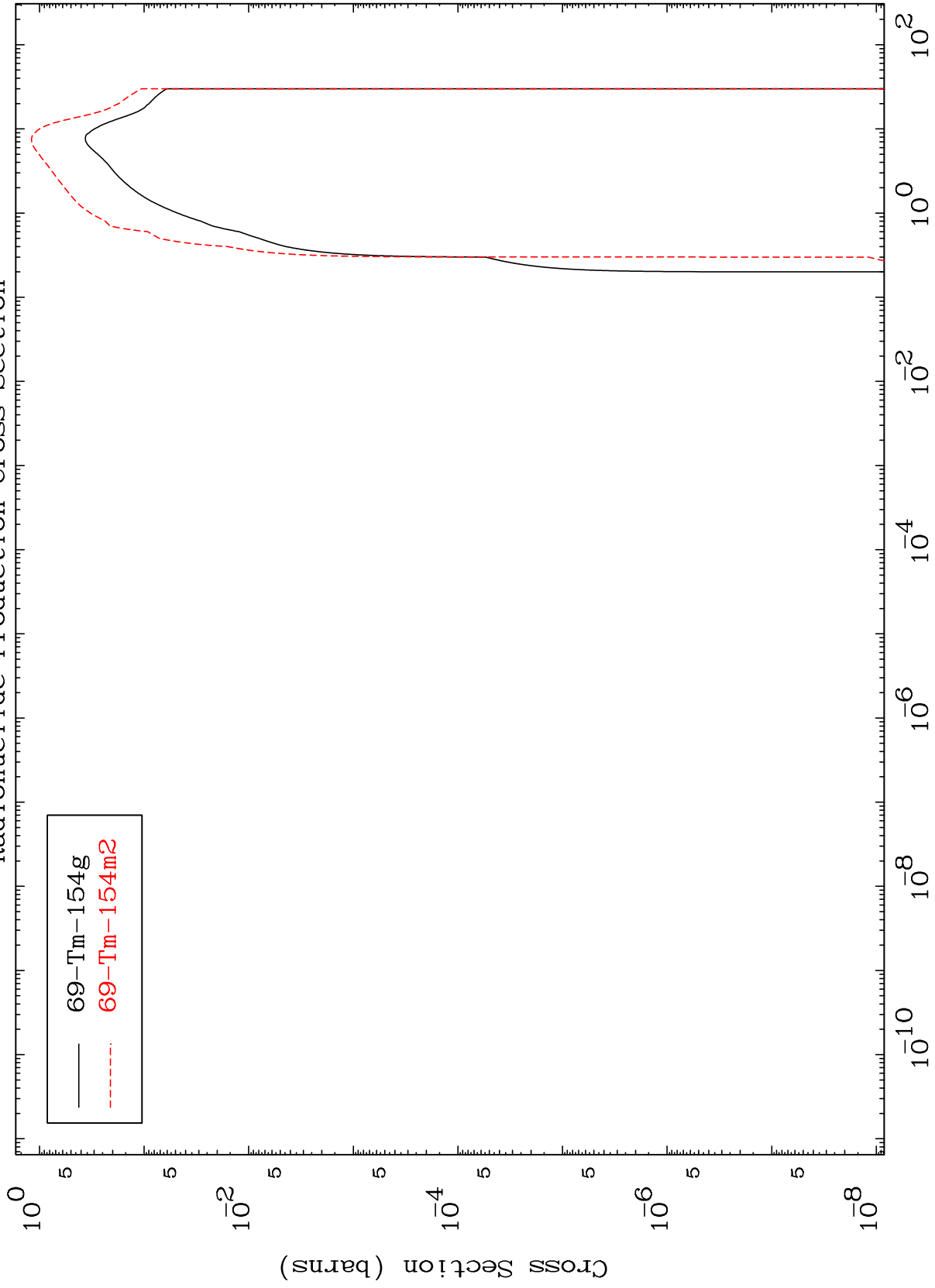
Incident Energy (MeV)

69-Tm-154m

MAT 6881

Inelastic  
Radionuclide Production Cross Section

69-Tm-154m



69-Tm-154g  
69-Tm-154m2

Incident Energy (MeV)

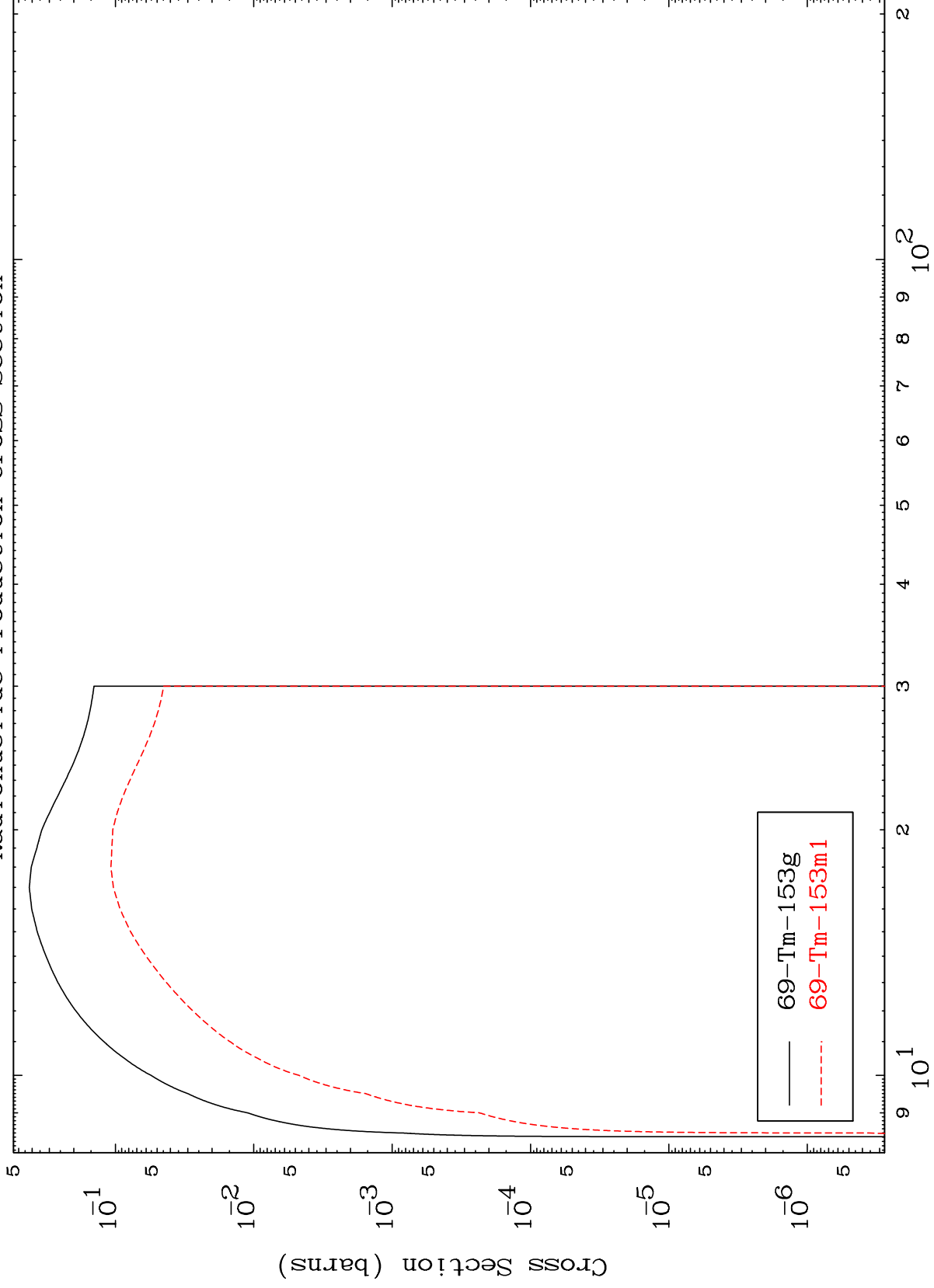
69-Tm-154m

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(n,2n)

69-Tm-154m

Radionuclide Production Cross Section



Incident Energy (MeV)

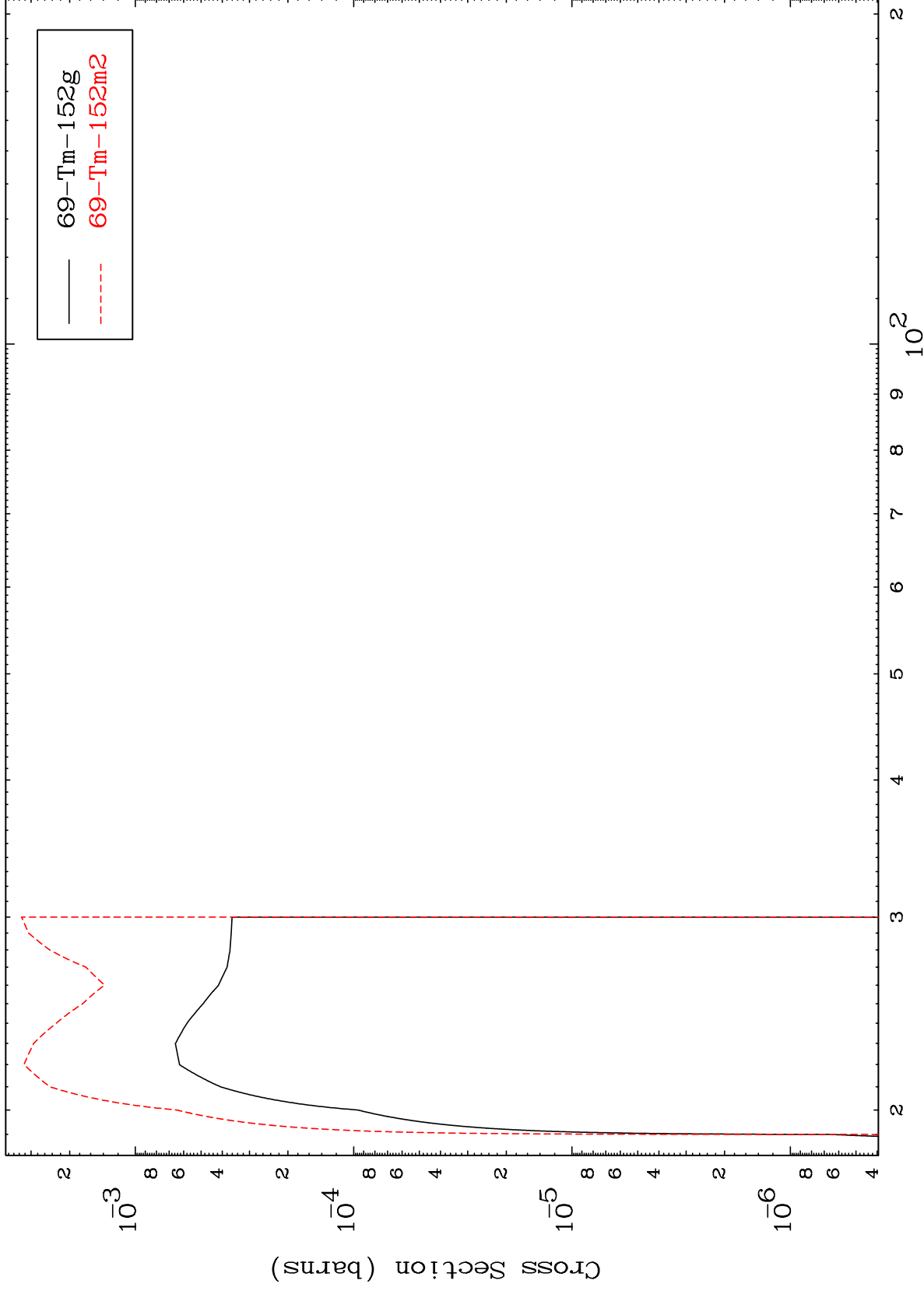
69-Tm-154m

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(n,3n)

69-Tm-154m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

69-Tm-154m

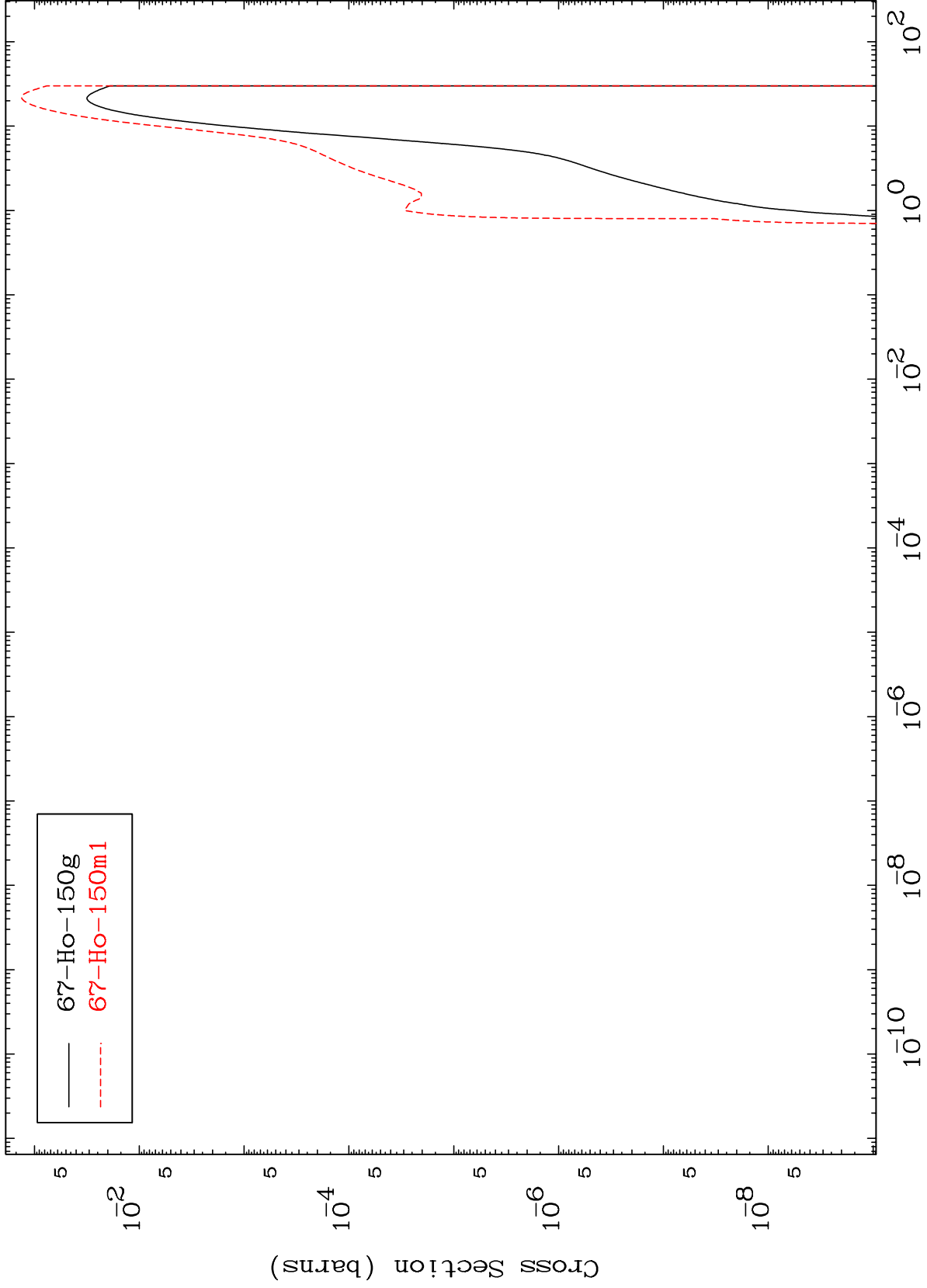


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$(n, n') \alpha$

69-Tm-154m

Radionuclide Production Cross Section

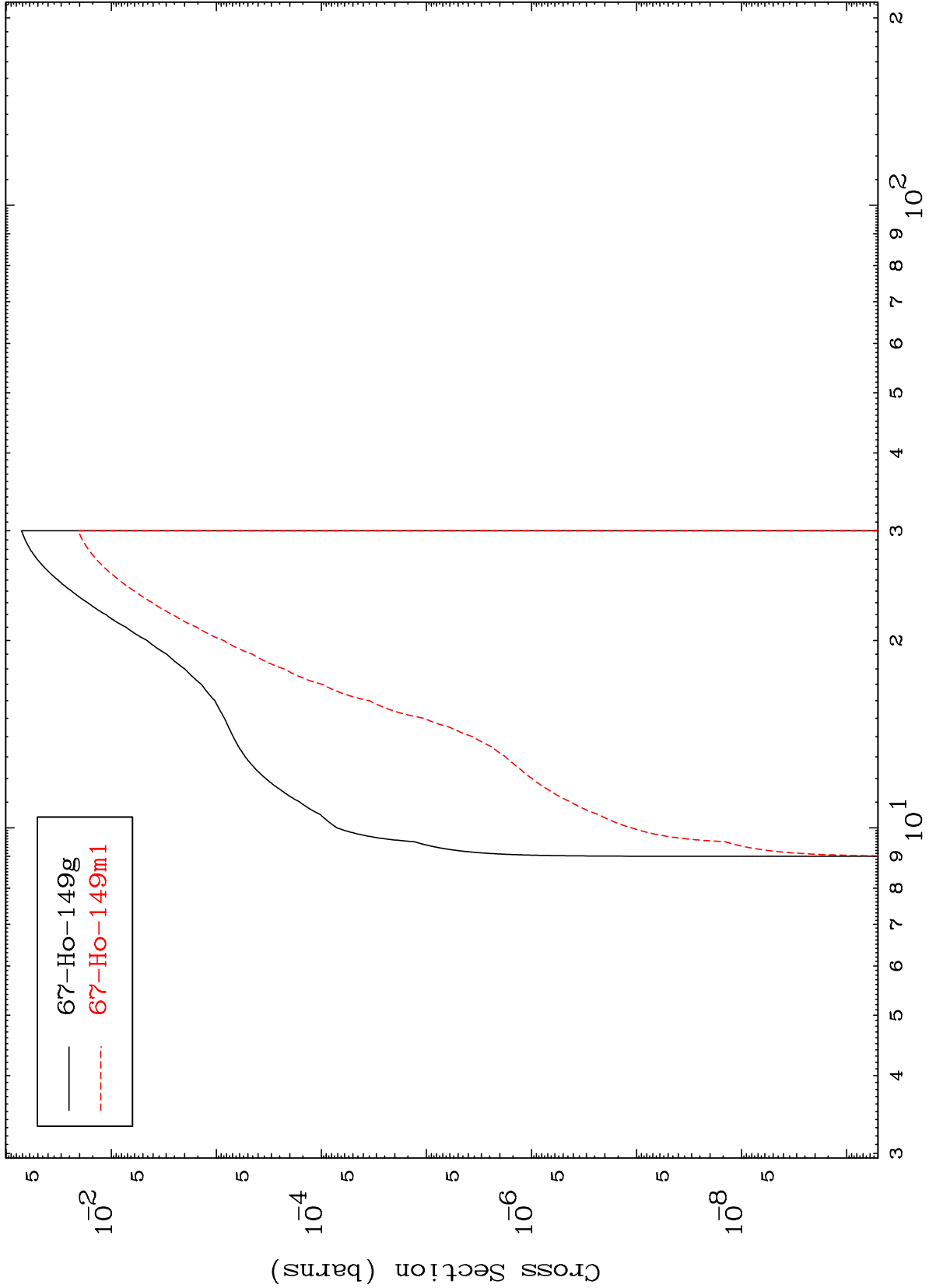


MAT 6881

$(n,2n) \alpha$

69-Tm-154m

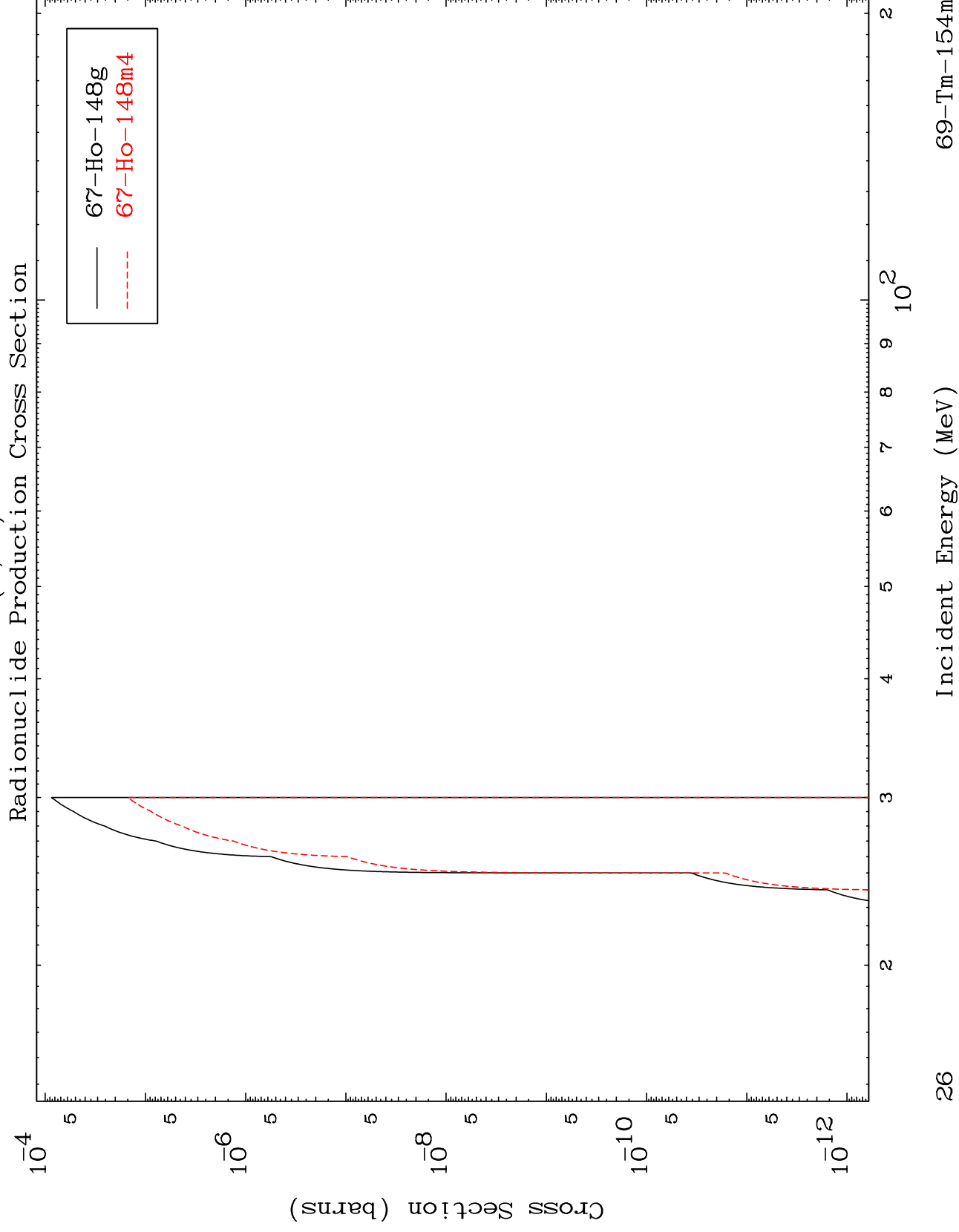
Radionuclide Production Cross Section



MAT 6881

(n,3n)  $\alpha$

69-Tm-154m



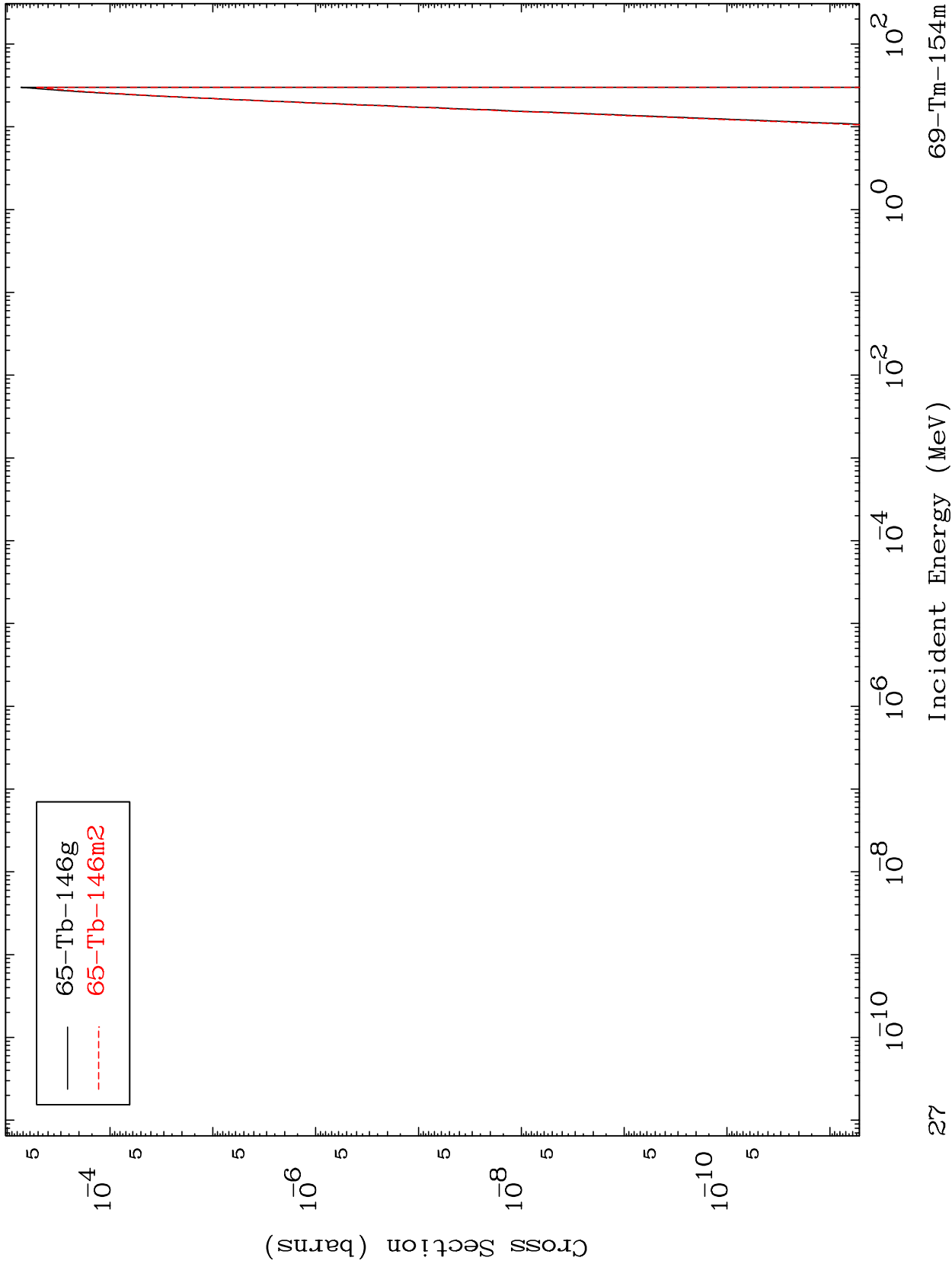
26

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(n,n') 2α

69-Tm-154m

Radionuclide Production Cross Section

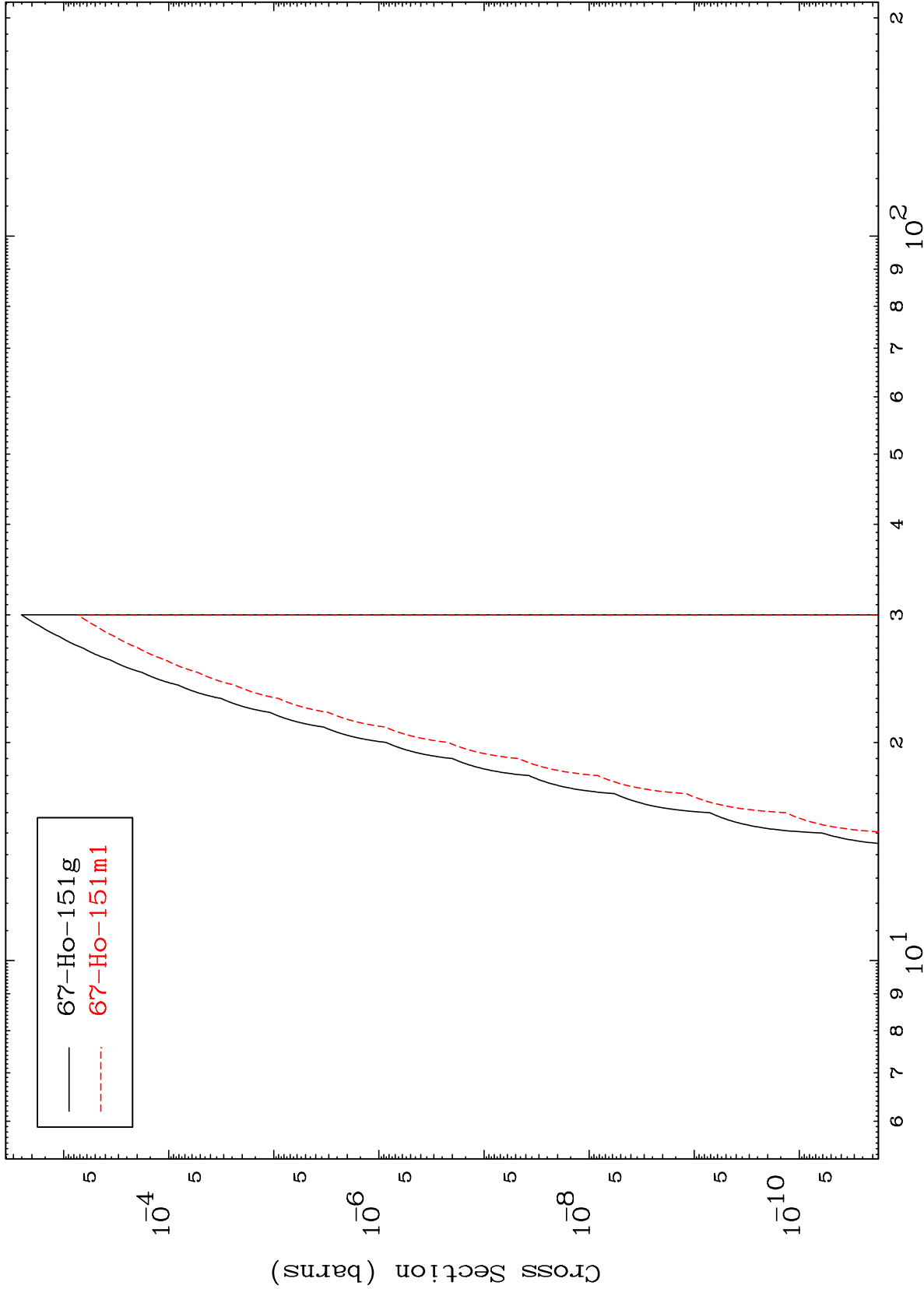


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(n, n') He-3

69-Tm-154m

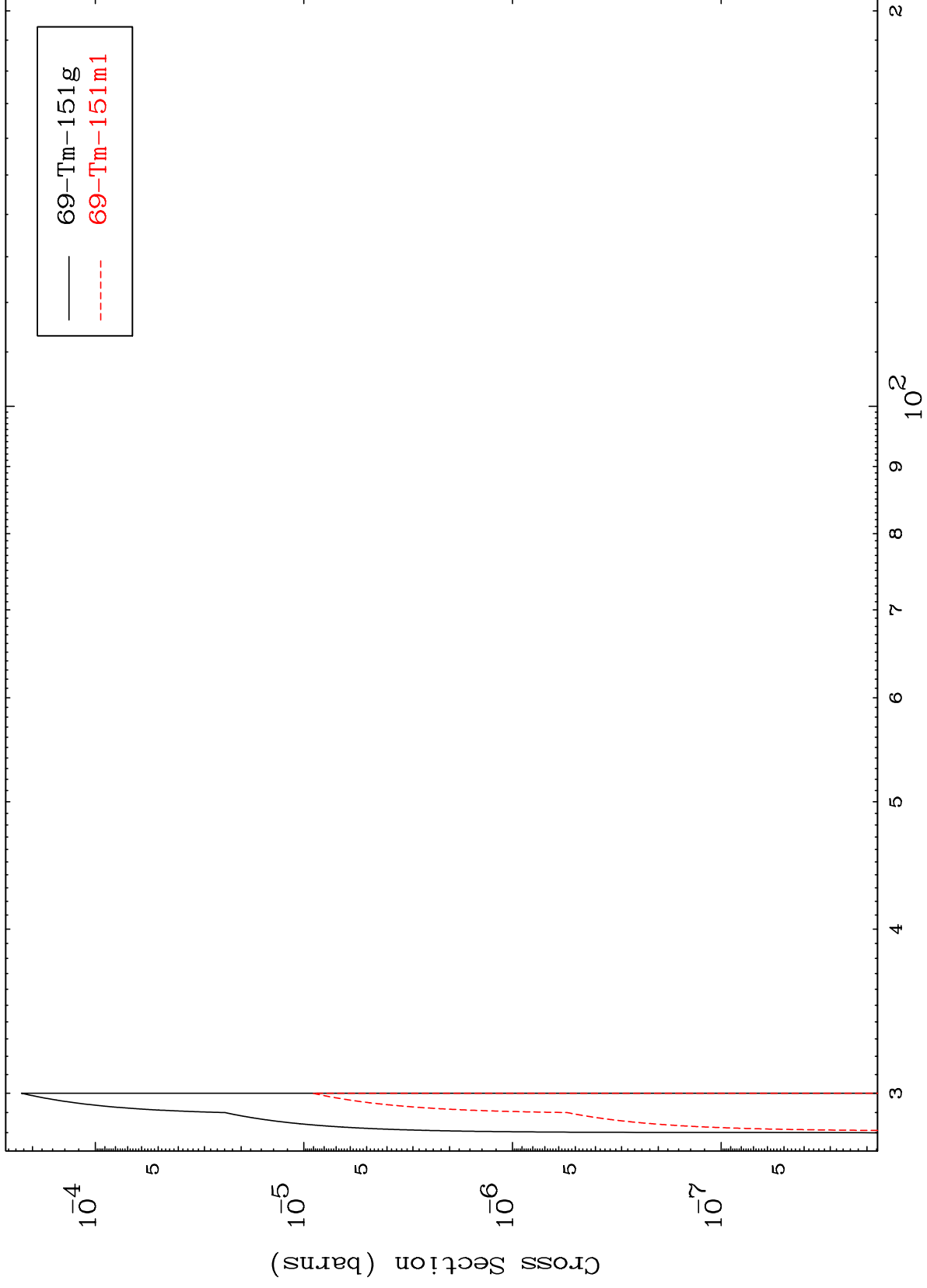
Radionuclide Production Cross Section



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69-Tm-154m

(n,4n)  
Radionuclide Production Cross Section



29

69-Tm-154m

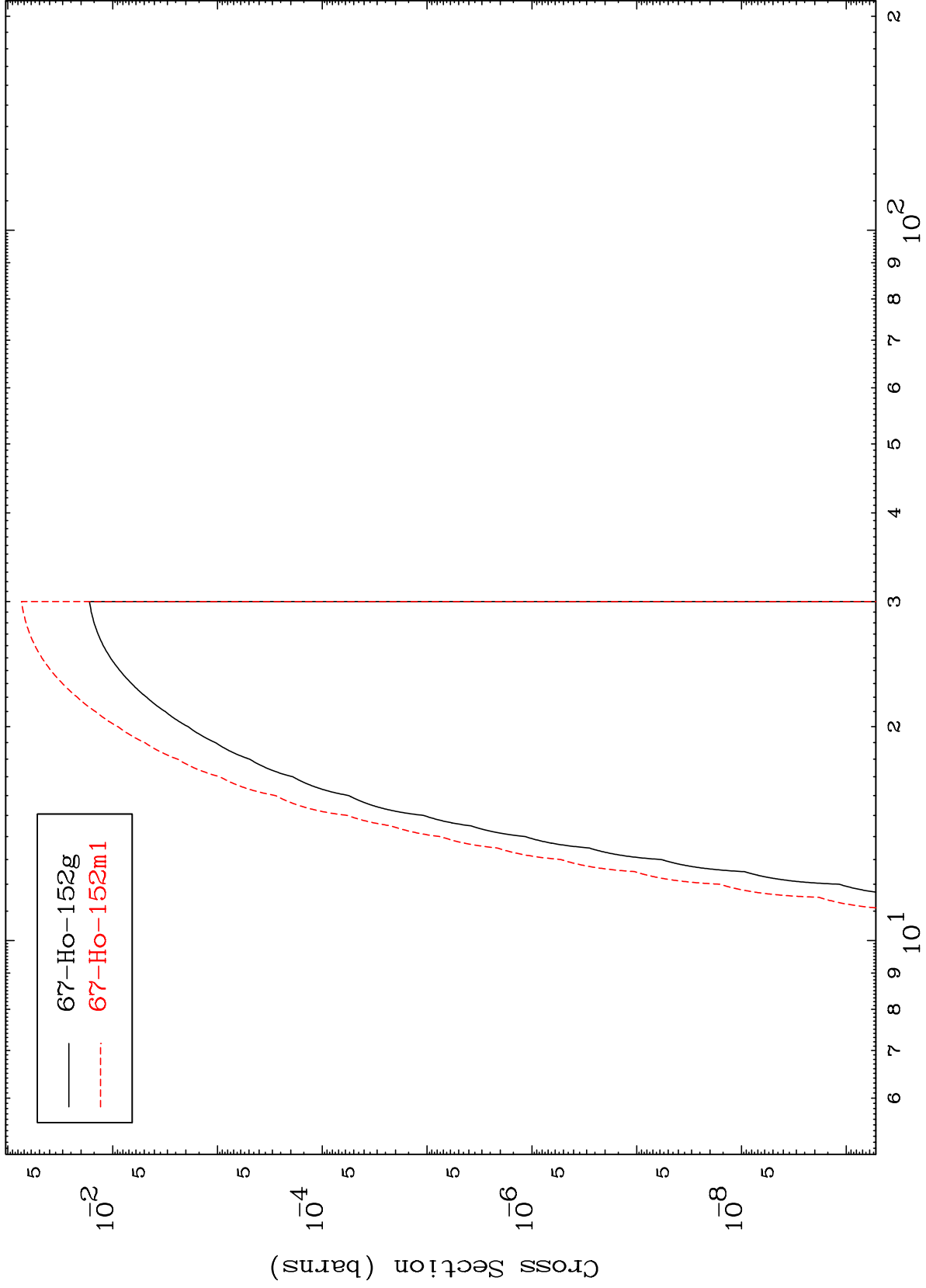
Incident Energy (MeV)

MAT 6881

(n,2n) p

69-Tm-154m

Radionuclide Production Cross Section



30

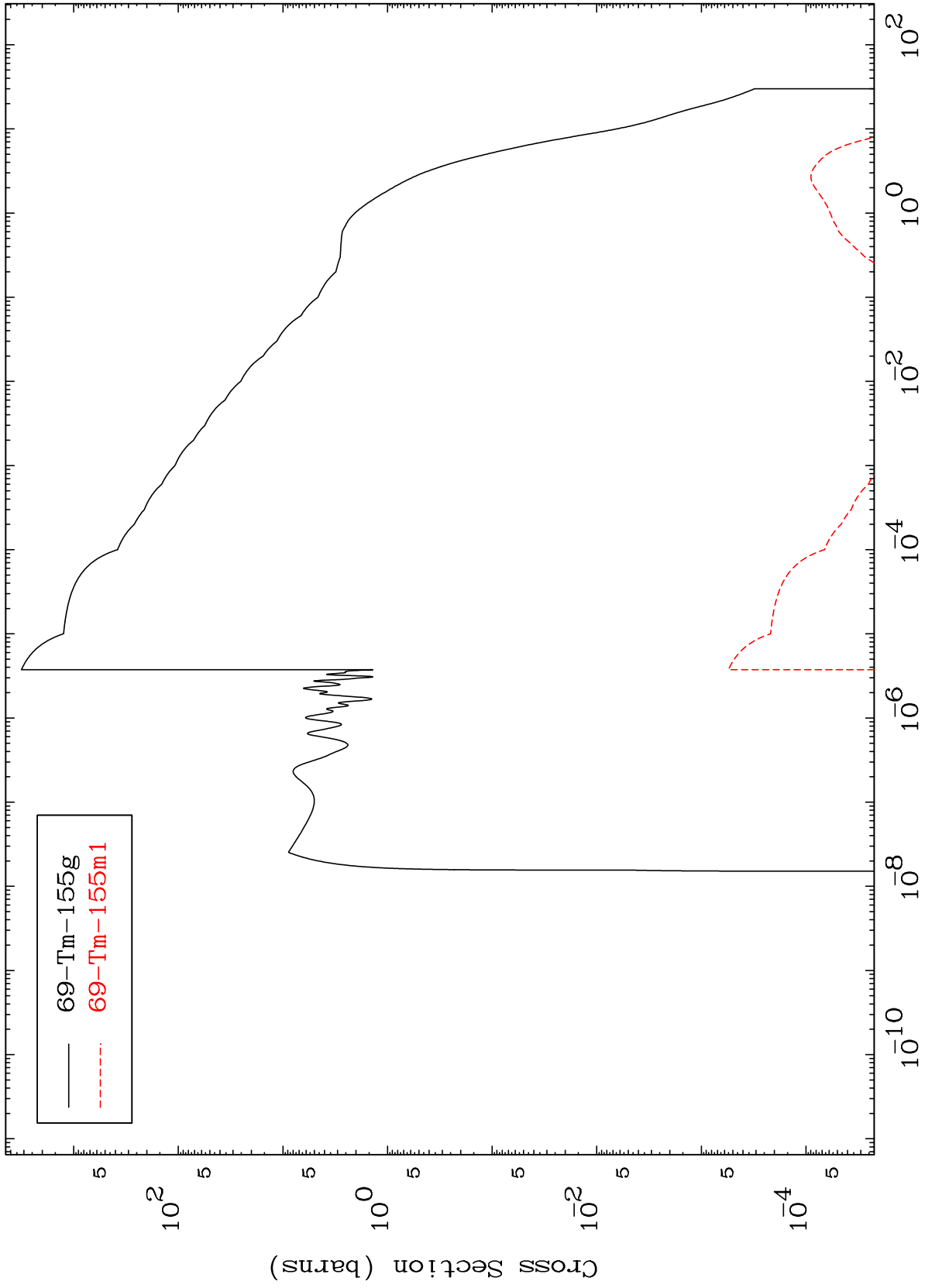
Incident Energy (MeV)

69-Tm-154m

MAT 6881

69-Tm-154m

Radionuclide Production Cross Section



69-Tm-154m

Incident Energy (MeV)

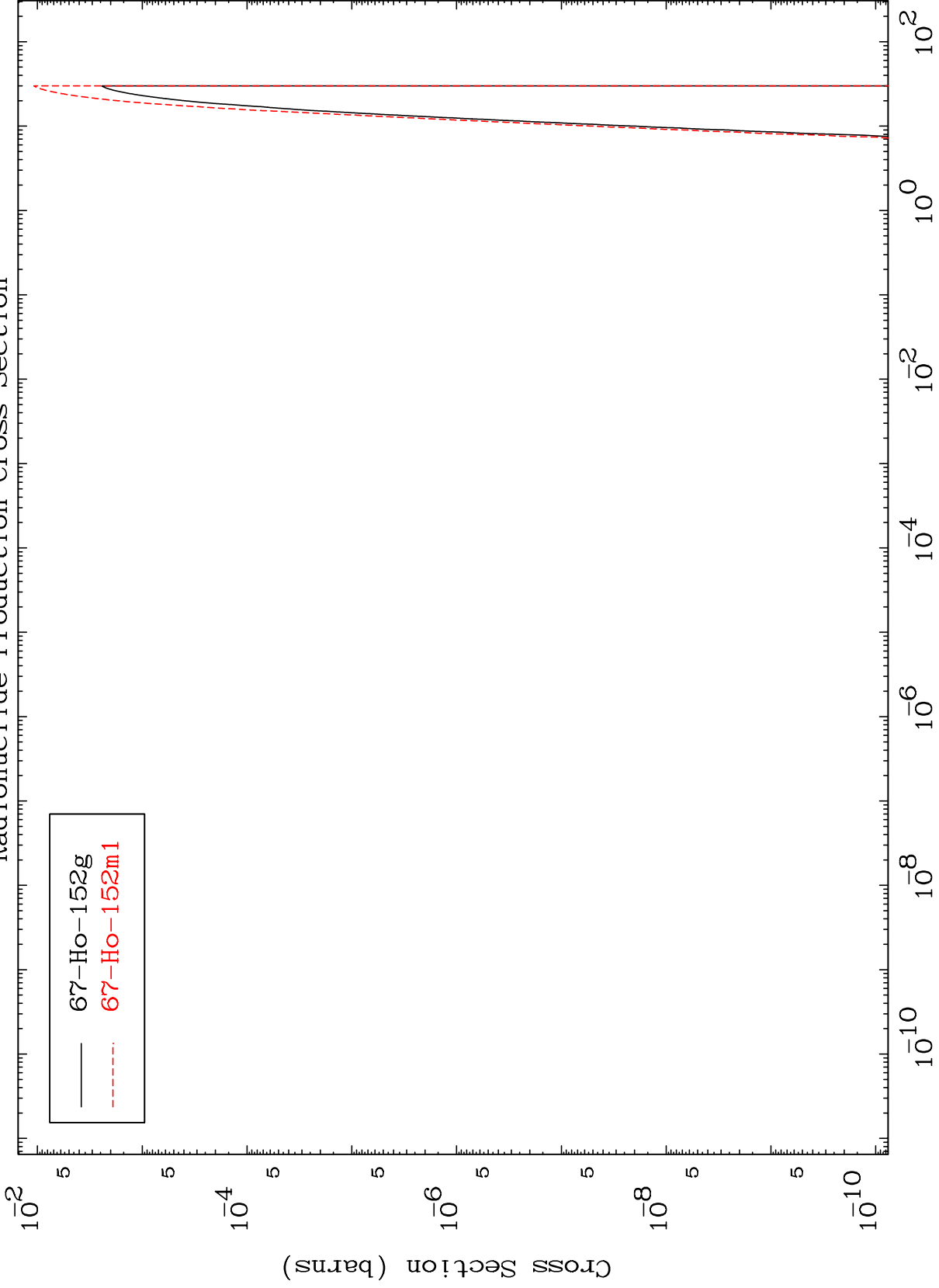


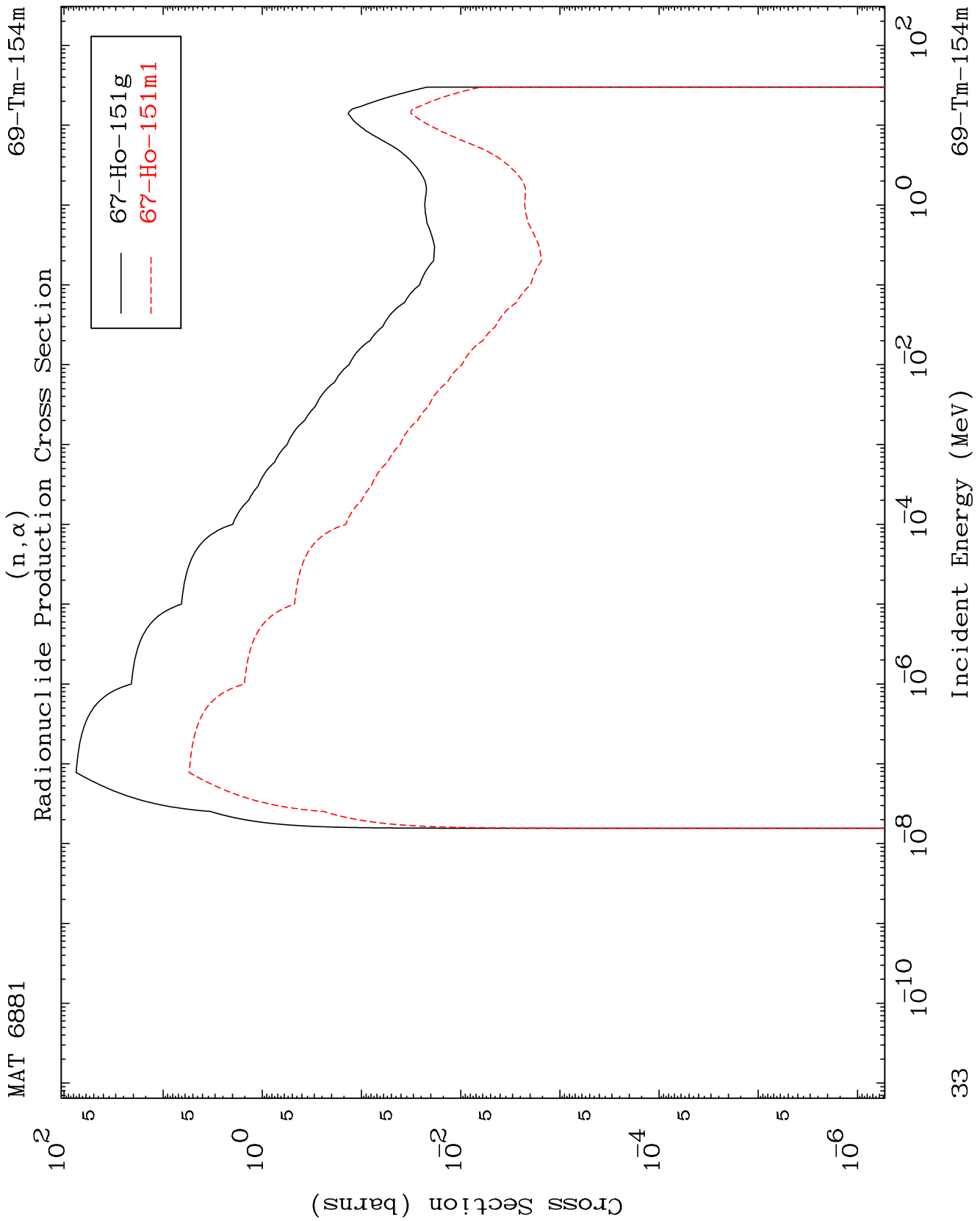
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(n,He-3)

69-Tm-154m

Radionuclide Production Cross Section



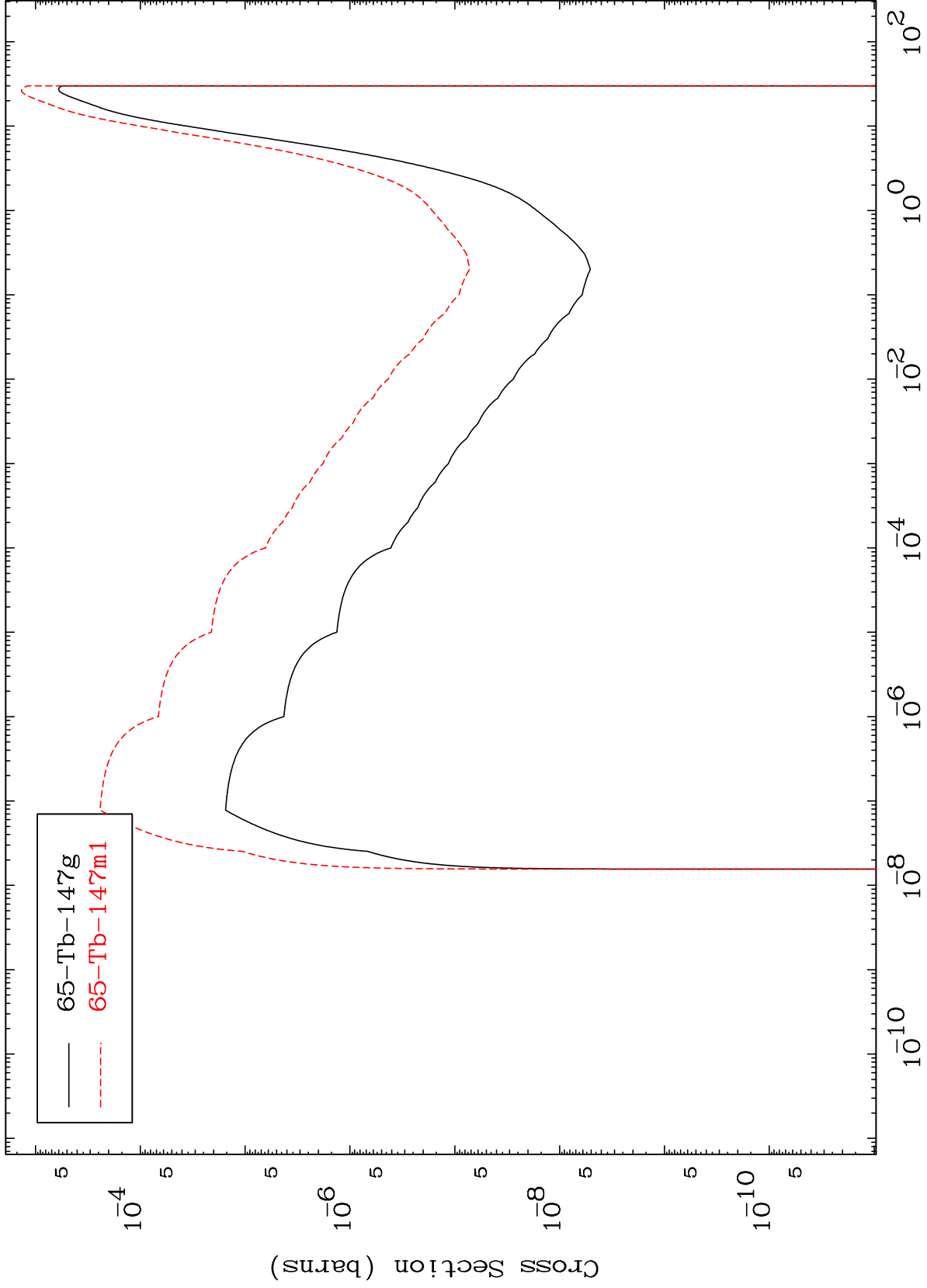


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(n,2α)

69-Tm-154m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

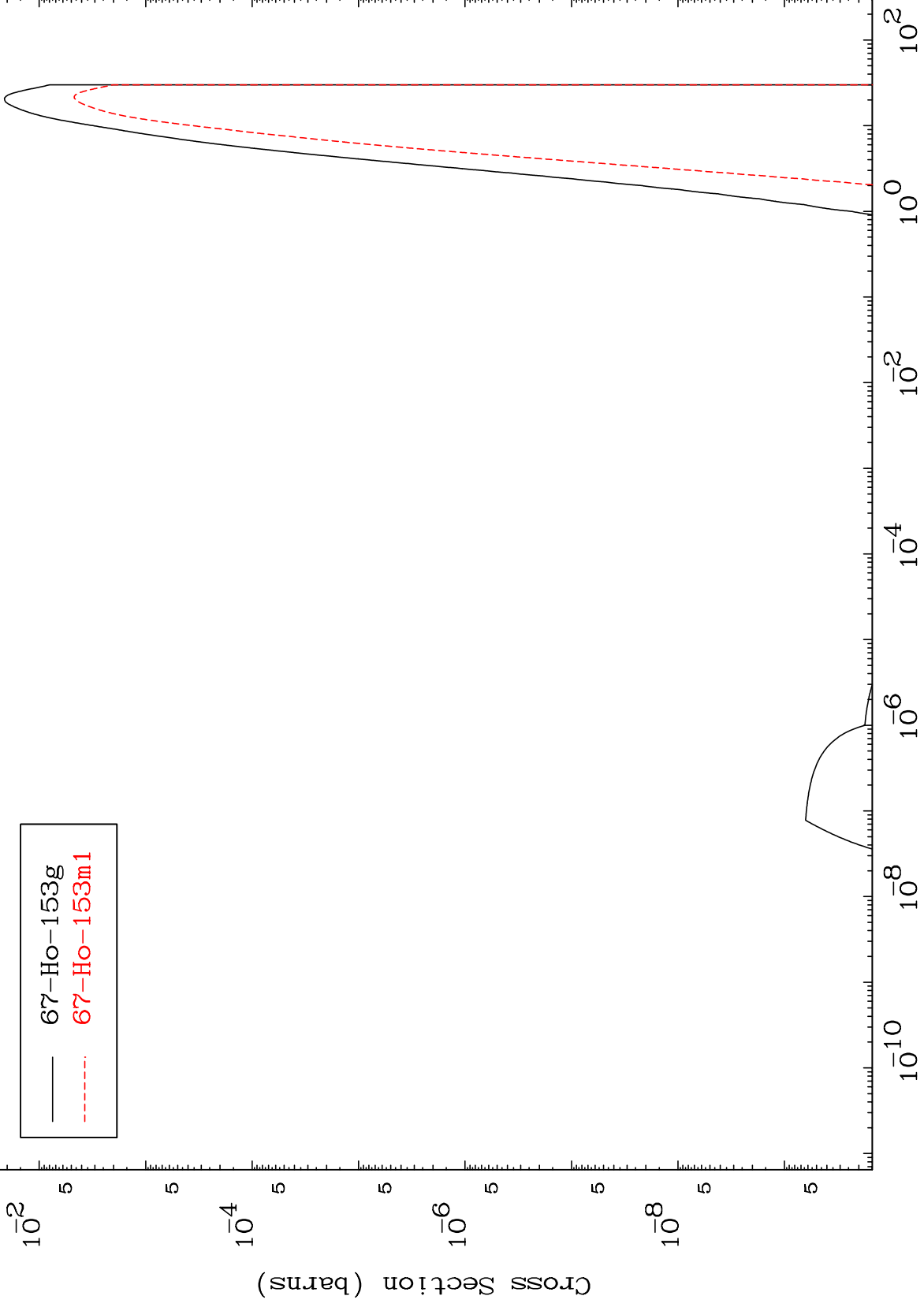
69-Tm-154m

MAT 6881

(n,2p)

69-Tm-154m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

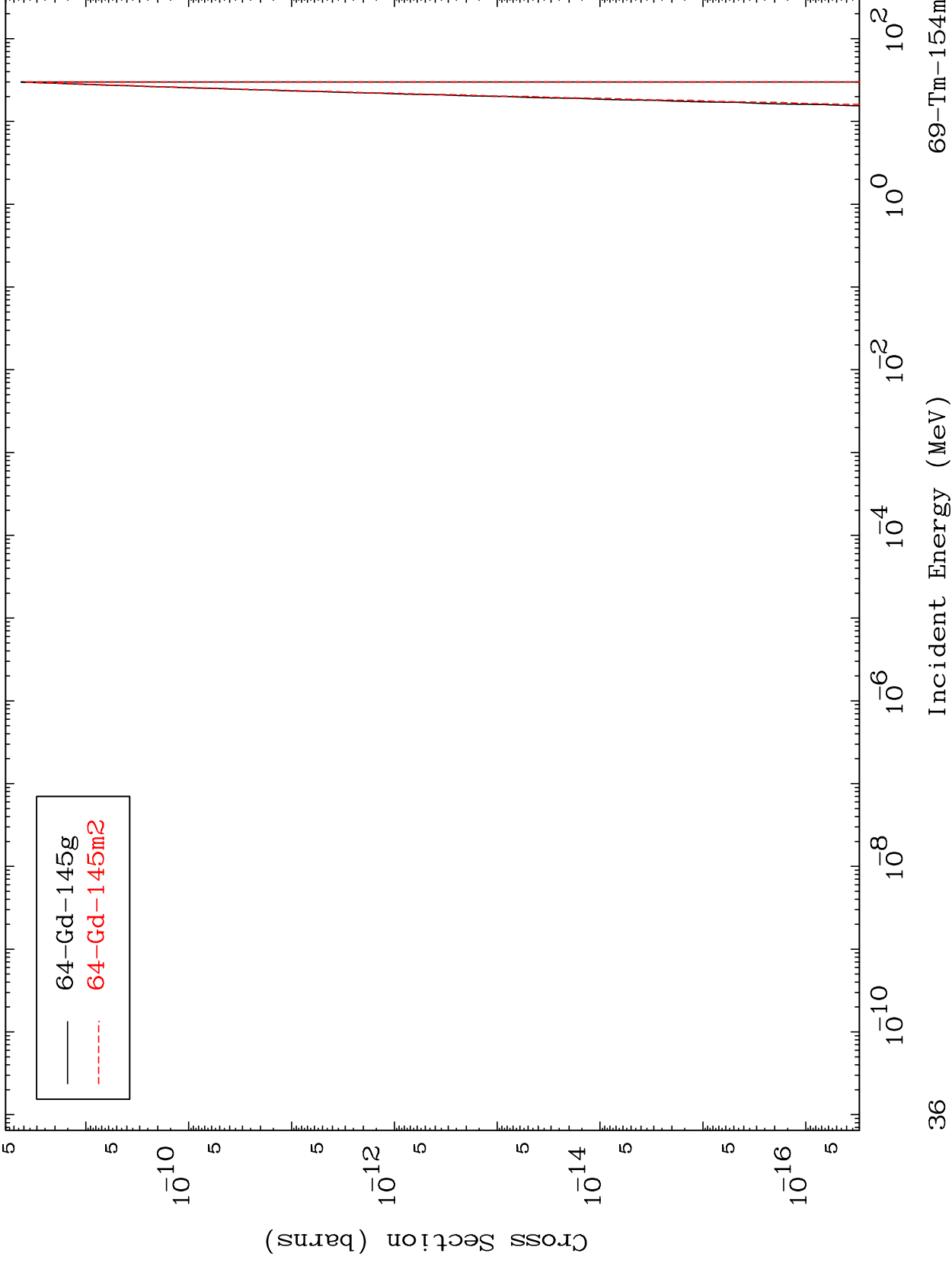
69-Tm-154m

MAT 6881

(n,d) 2 $\alpha$

69-Tm-154m

Radionuclide Production Cross Section

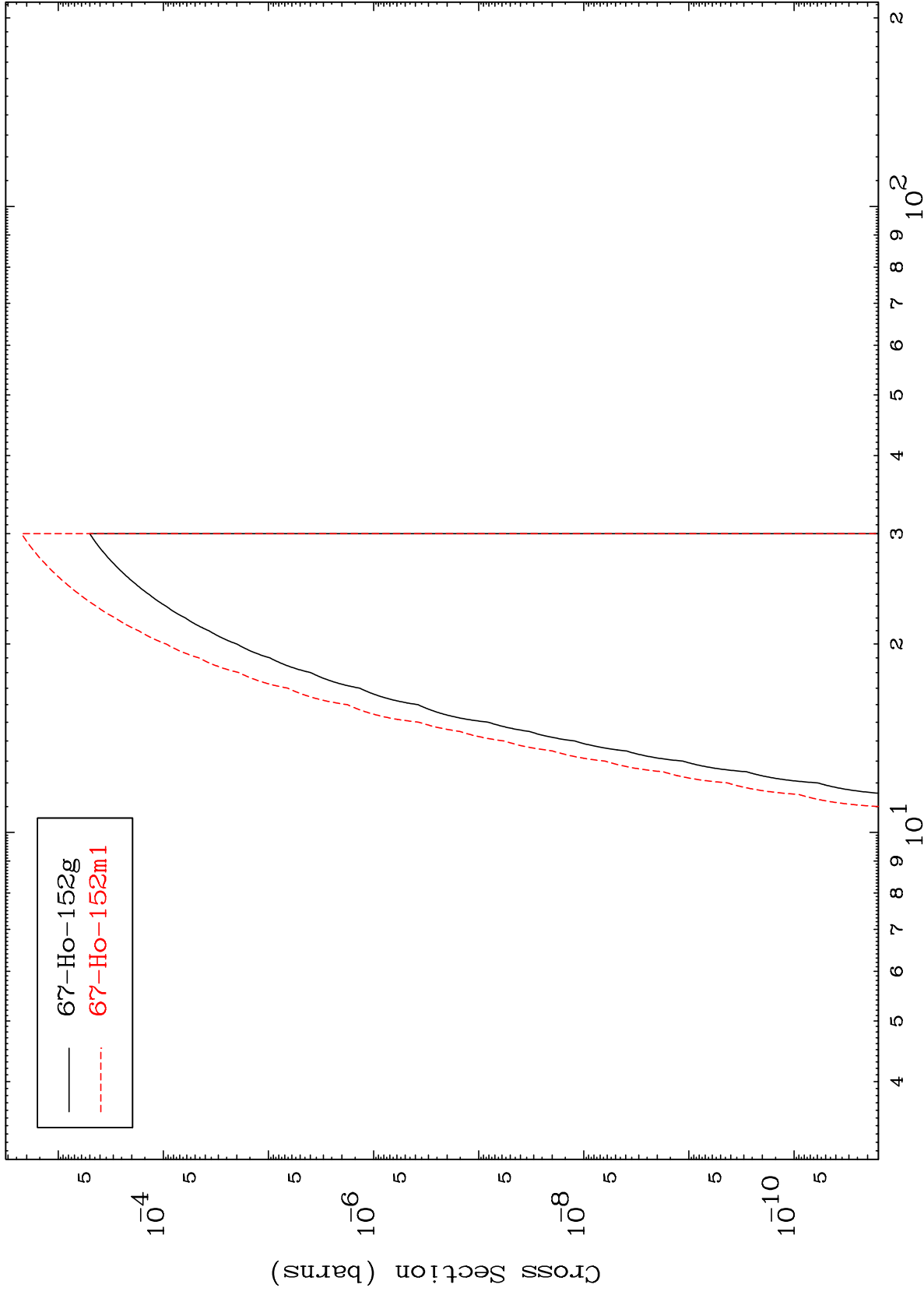


MAT 6881

(n,p) d

69-Tm-154m

Radionuclide Production Cross Section

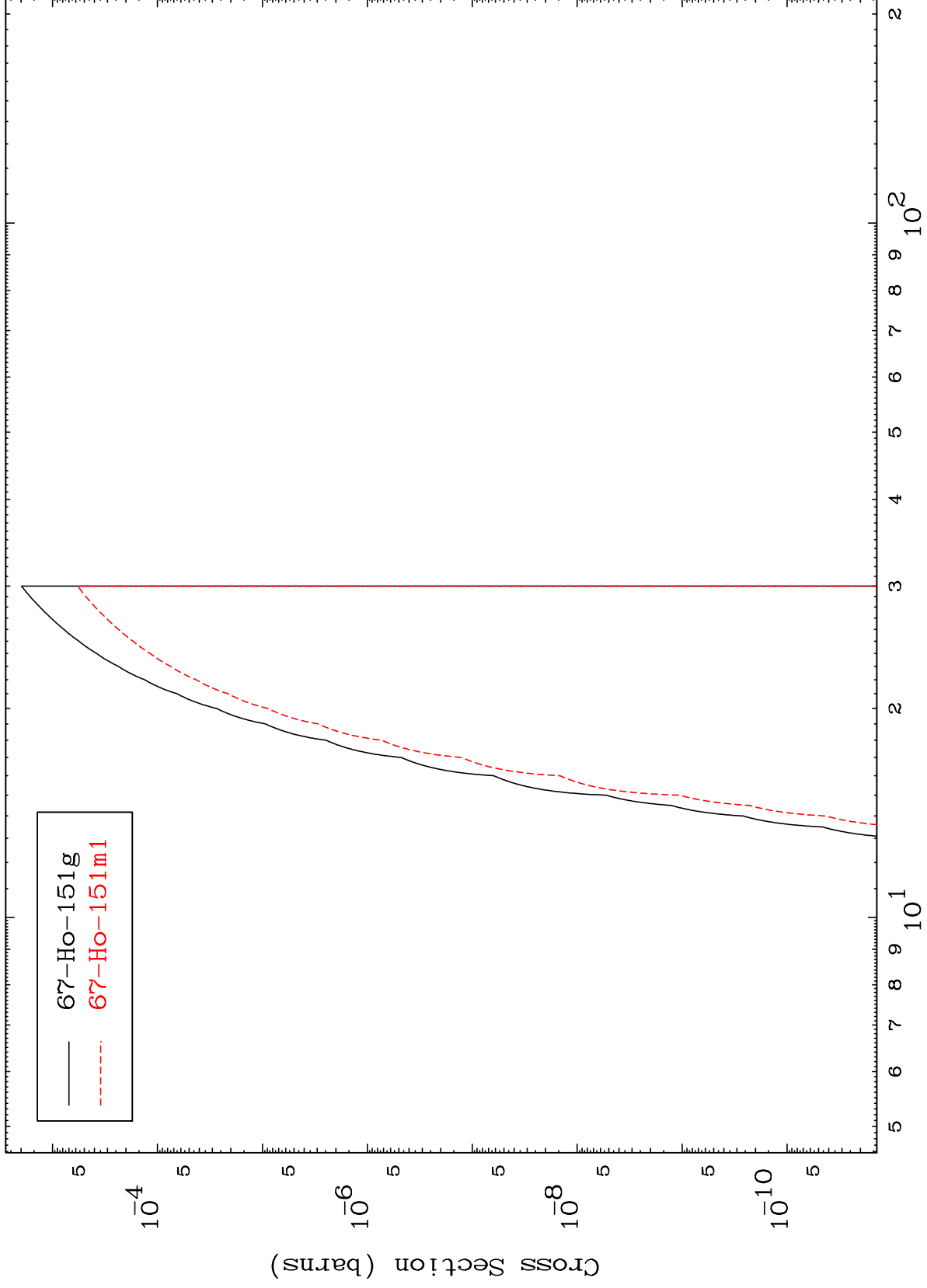


MAT 6881

(n,p) t

69-Tm-154m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

69-Tm-154m