

Program EVALPLOT  
(Version 2021-1)

by

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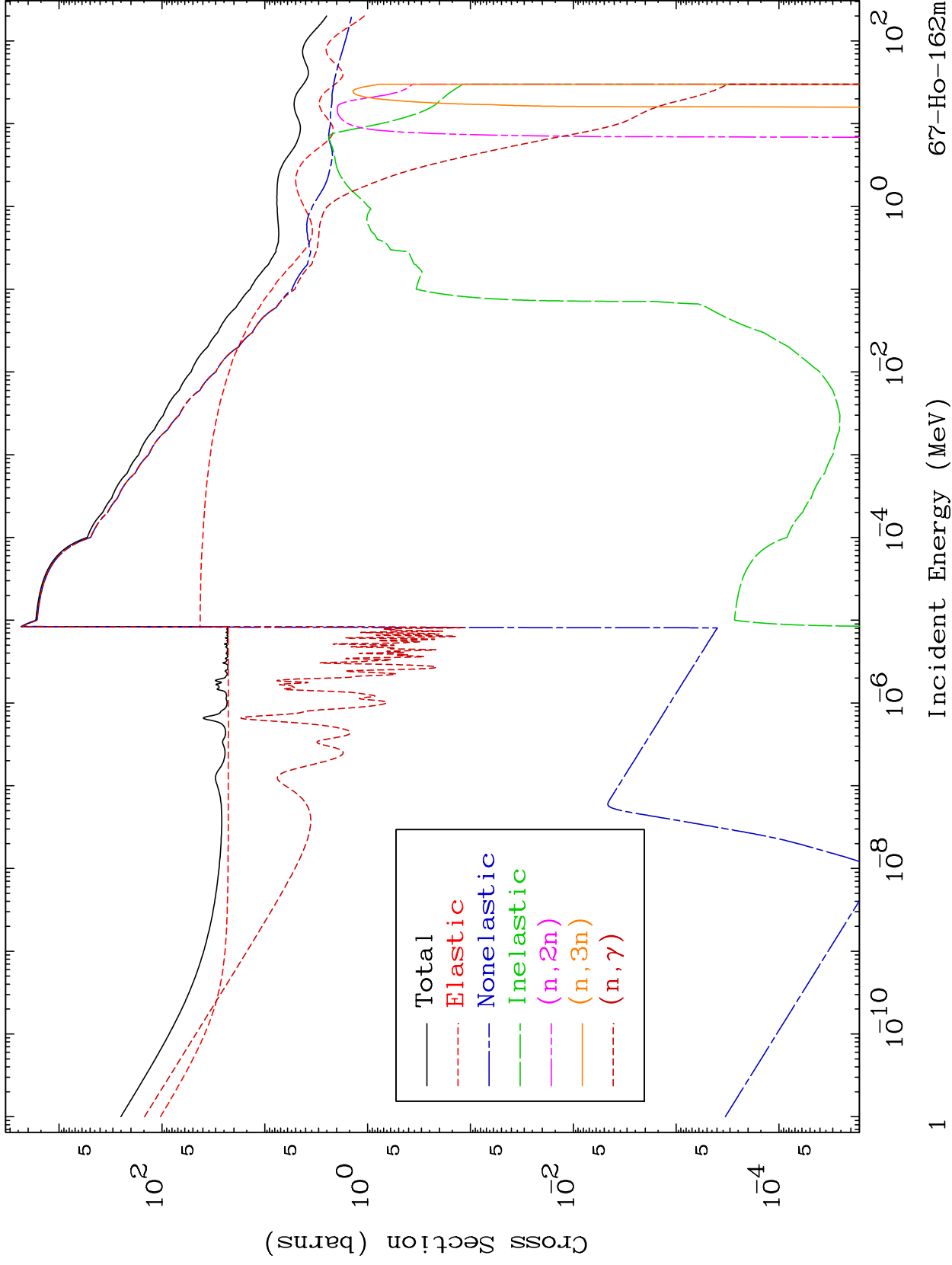
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6717

Neutron Major  
293 Kelvin Cross Sections

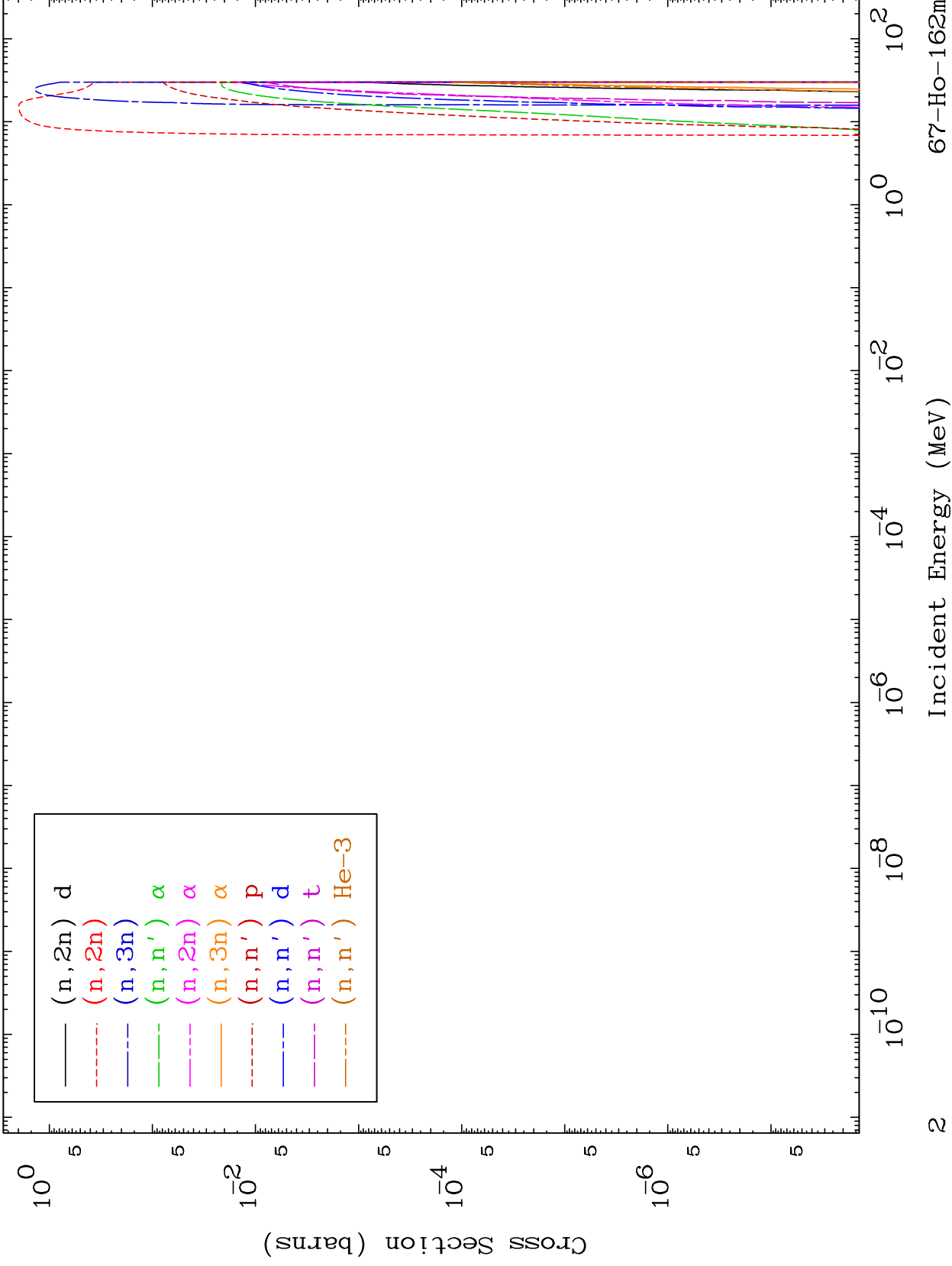
67-Ho-162m



MAT 6717

Neutron Absorption  
293 Kelvin Cross Sections

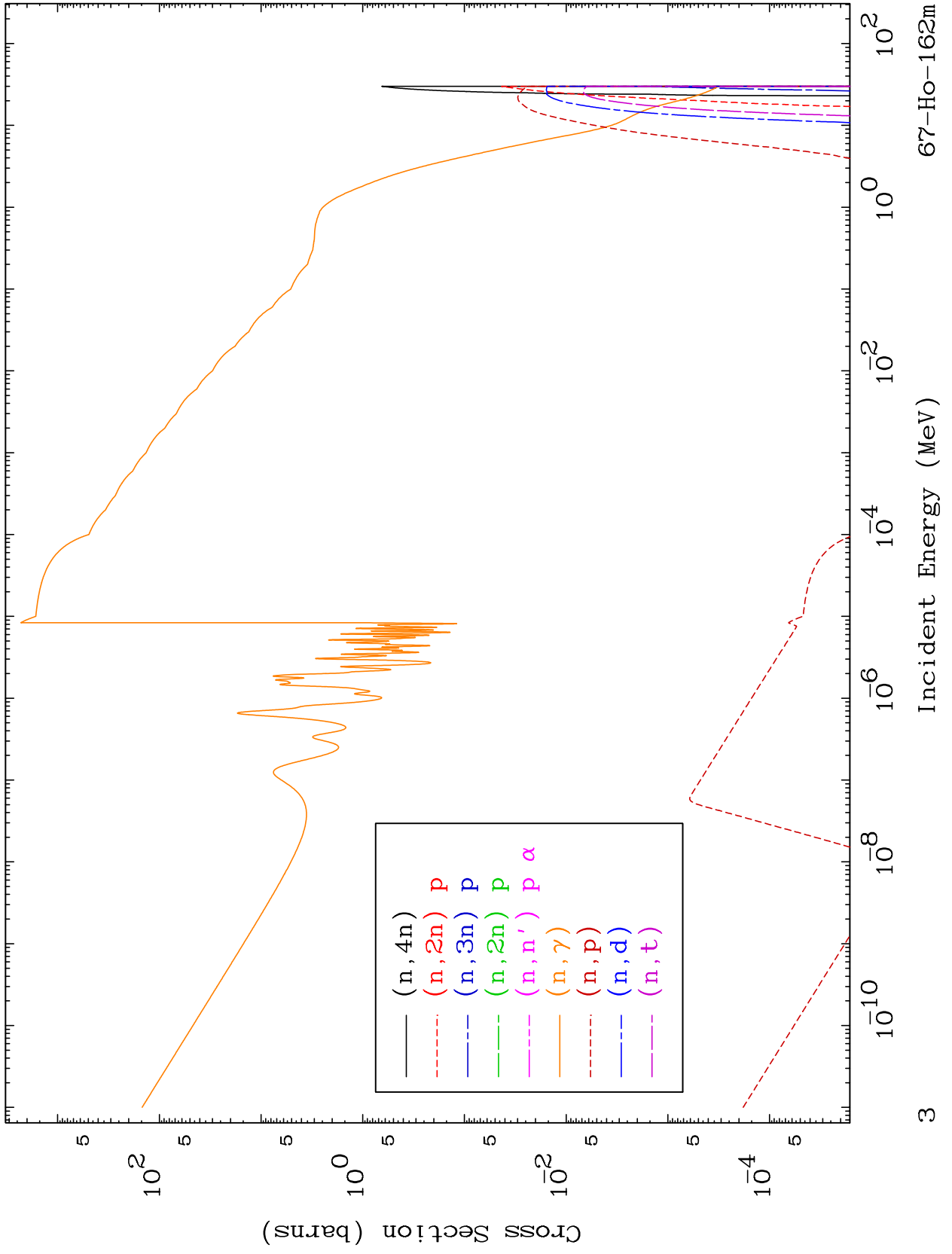
67-Ho-162m



MAT 6717

Neutron Absorption  
293 Kelvin Cross Sections

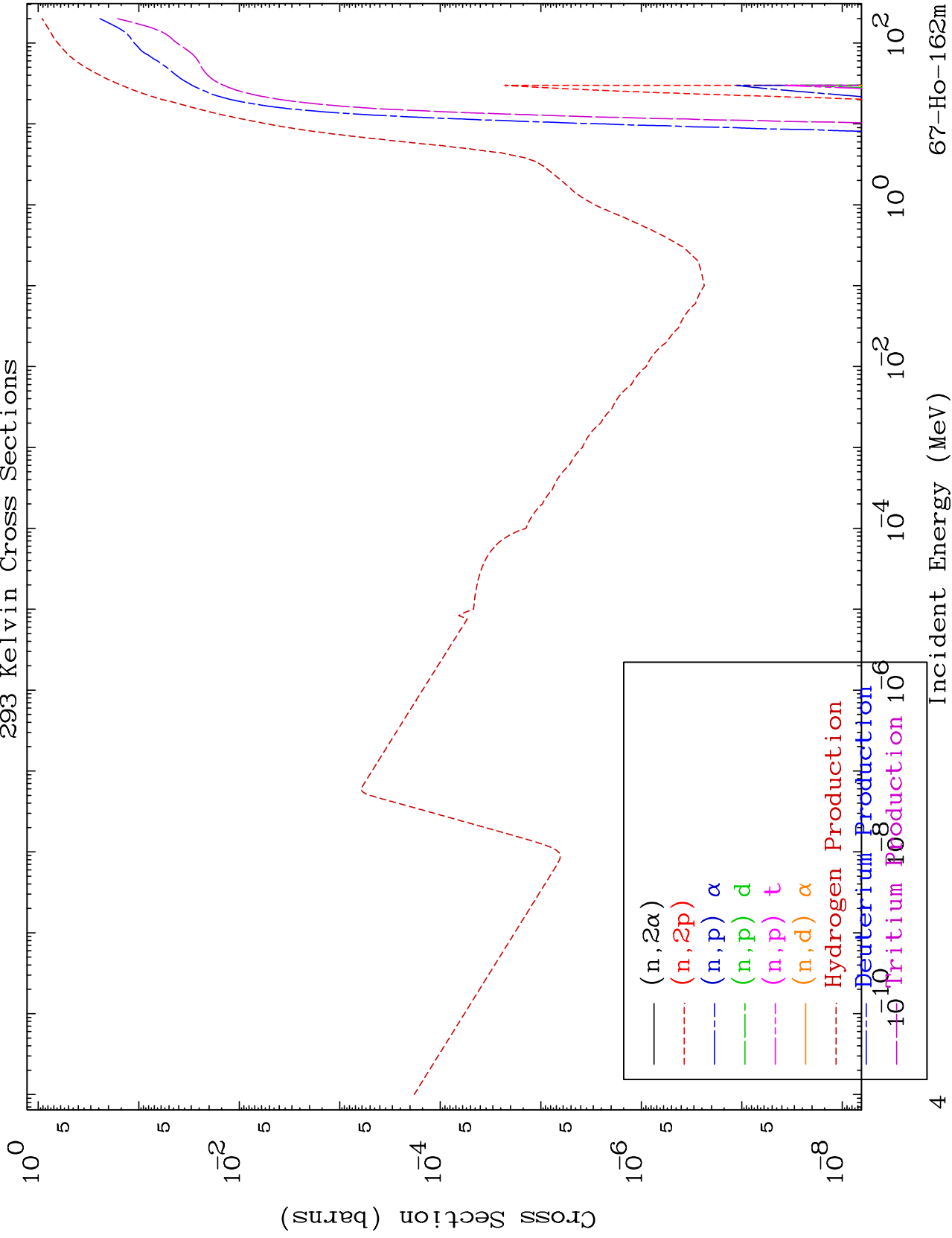
67-Ho-162m



MAT 6717

Neutron Absorption  
293 Kelvin Cross Sections

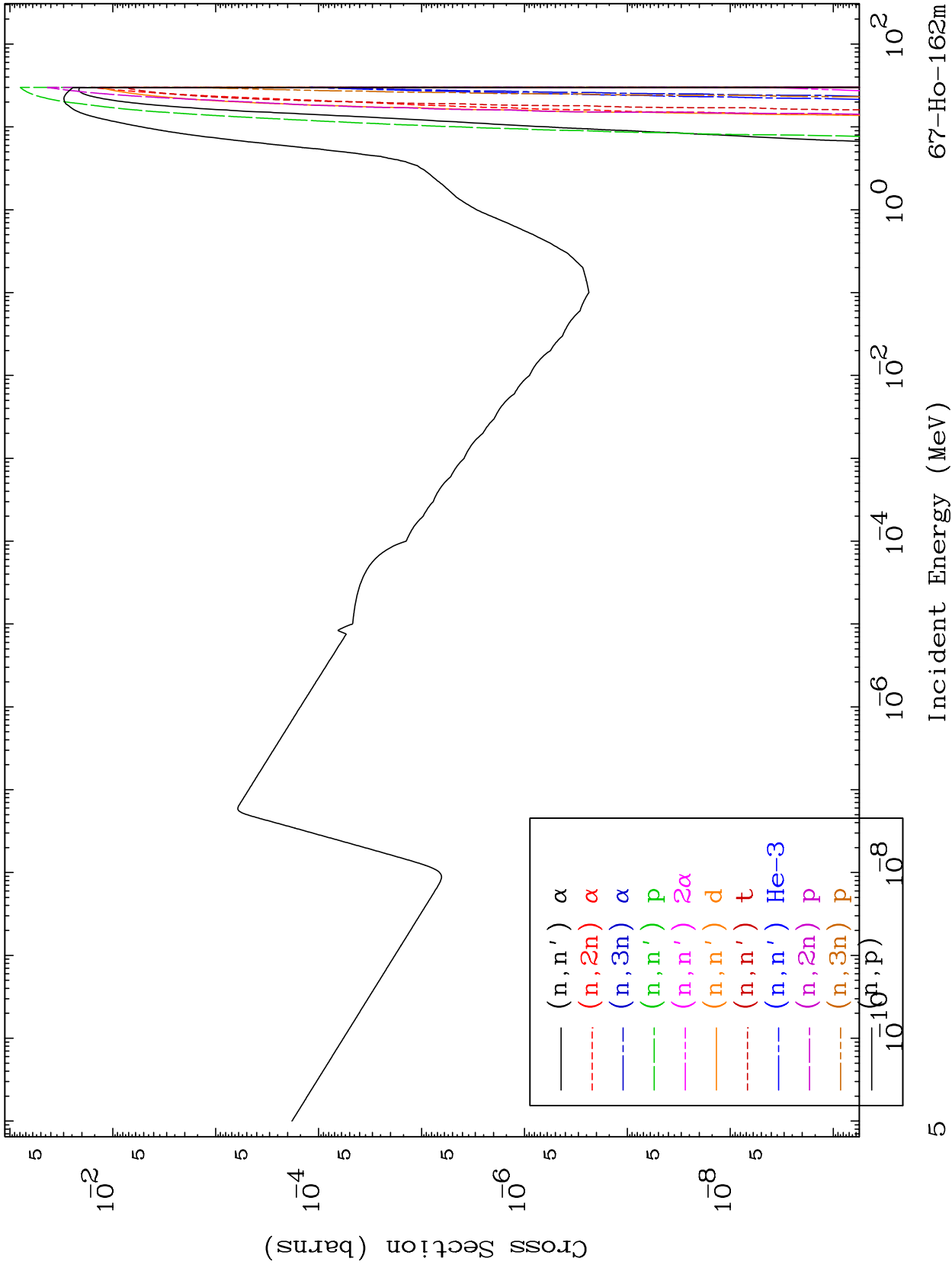
67-Ho-162m



MAT 6717

Charged Particle  
293 Kelvin Cross Sections

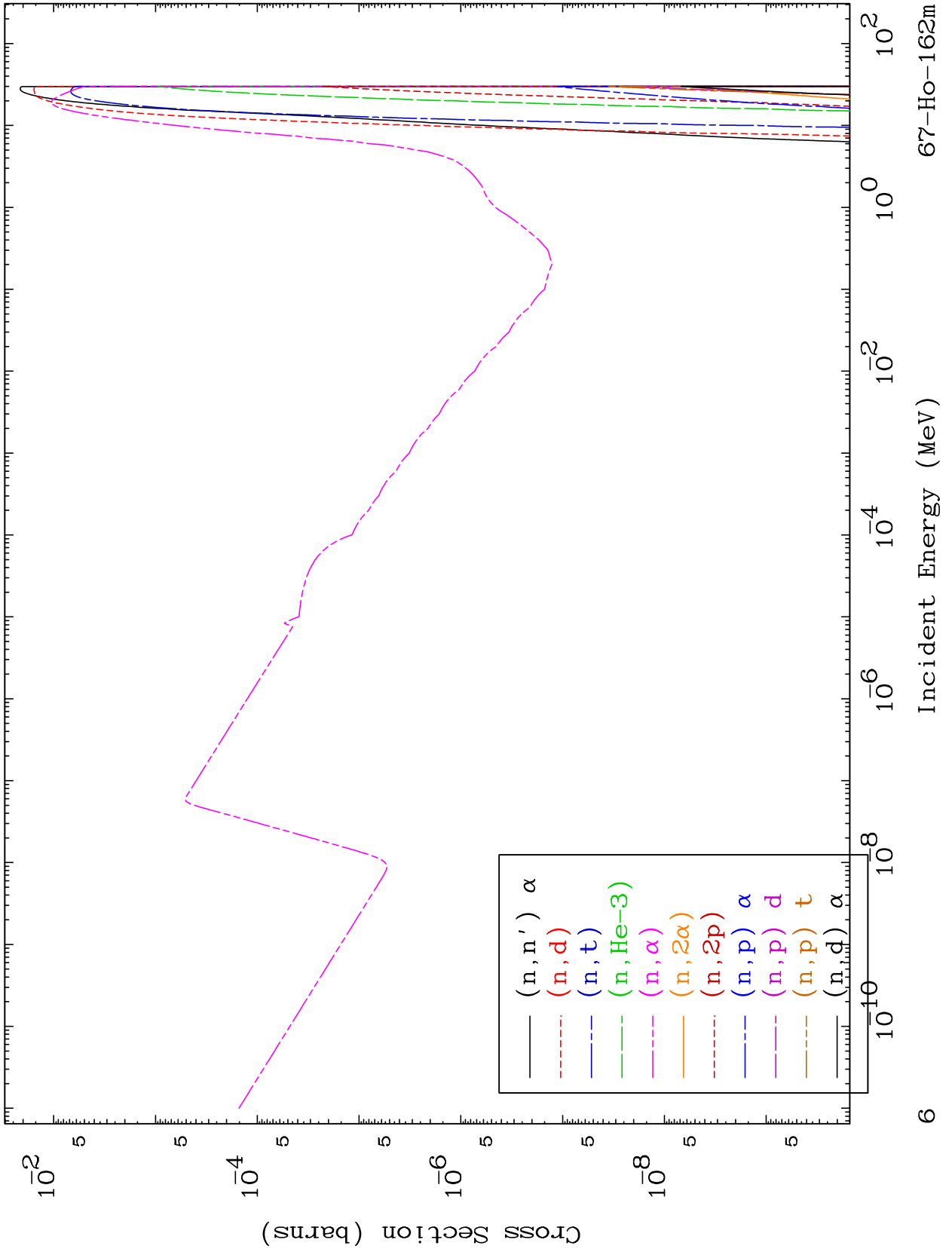
67-Ho-162m



MAT 6717

Charged Particle  
293 Kelvin Cross Sections

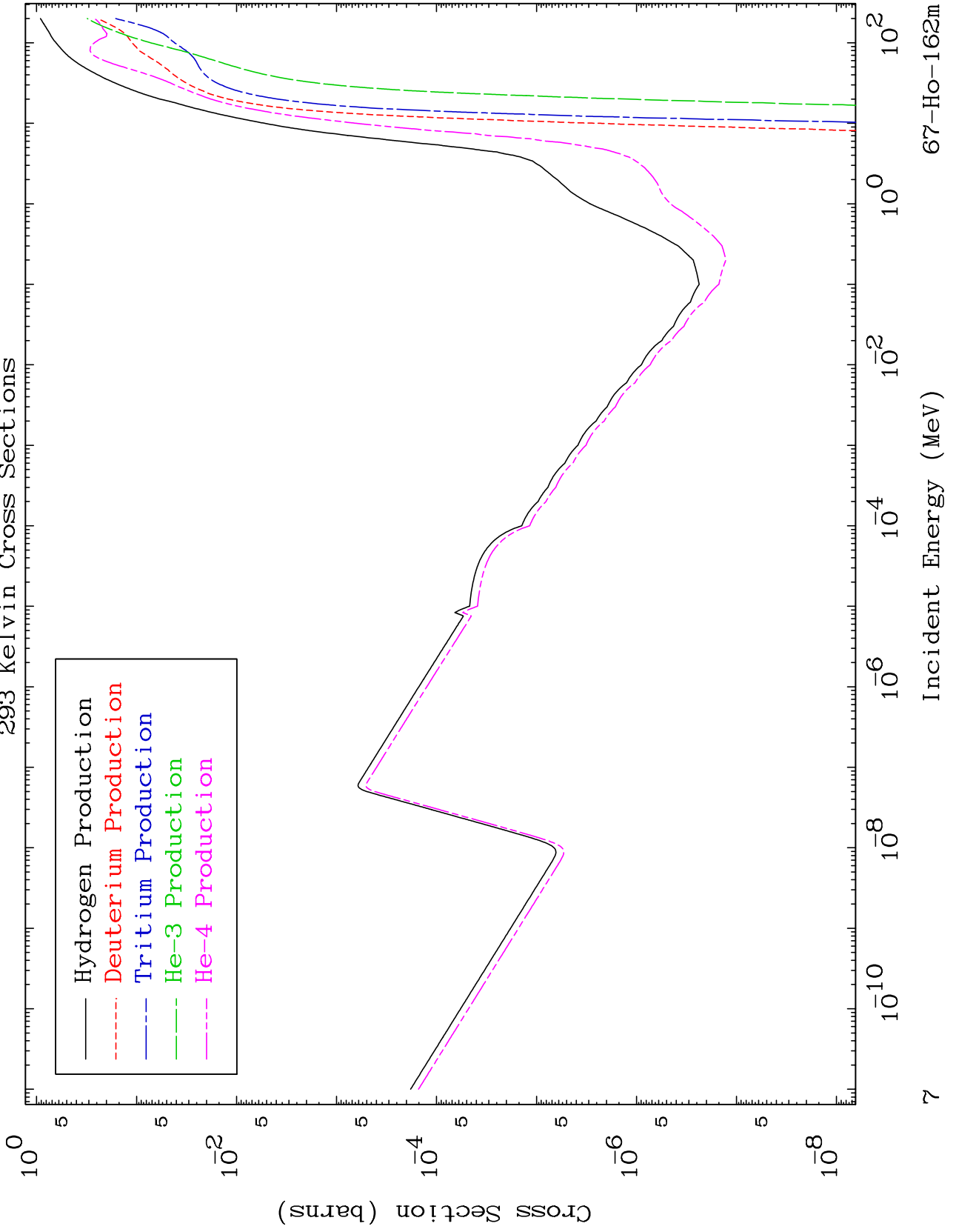
67-Ho-162m



MAT 6717

Particle Production  
293 Kelvin Cross Sections

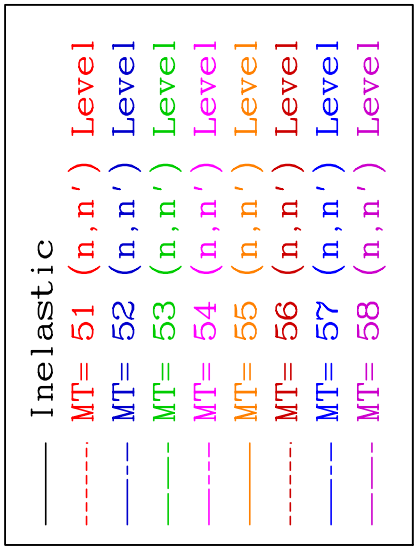
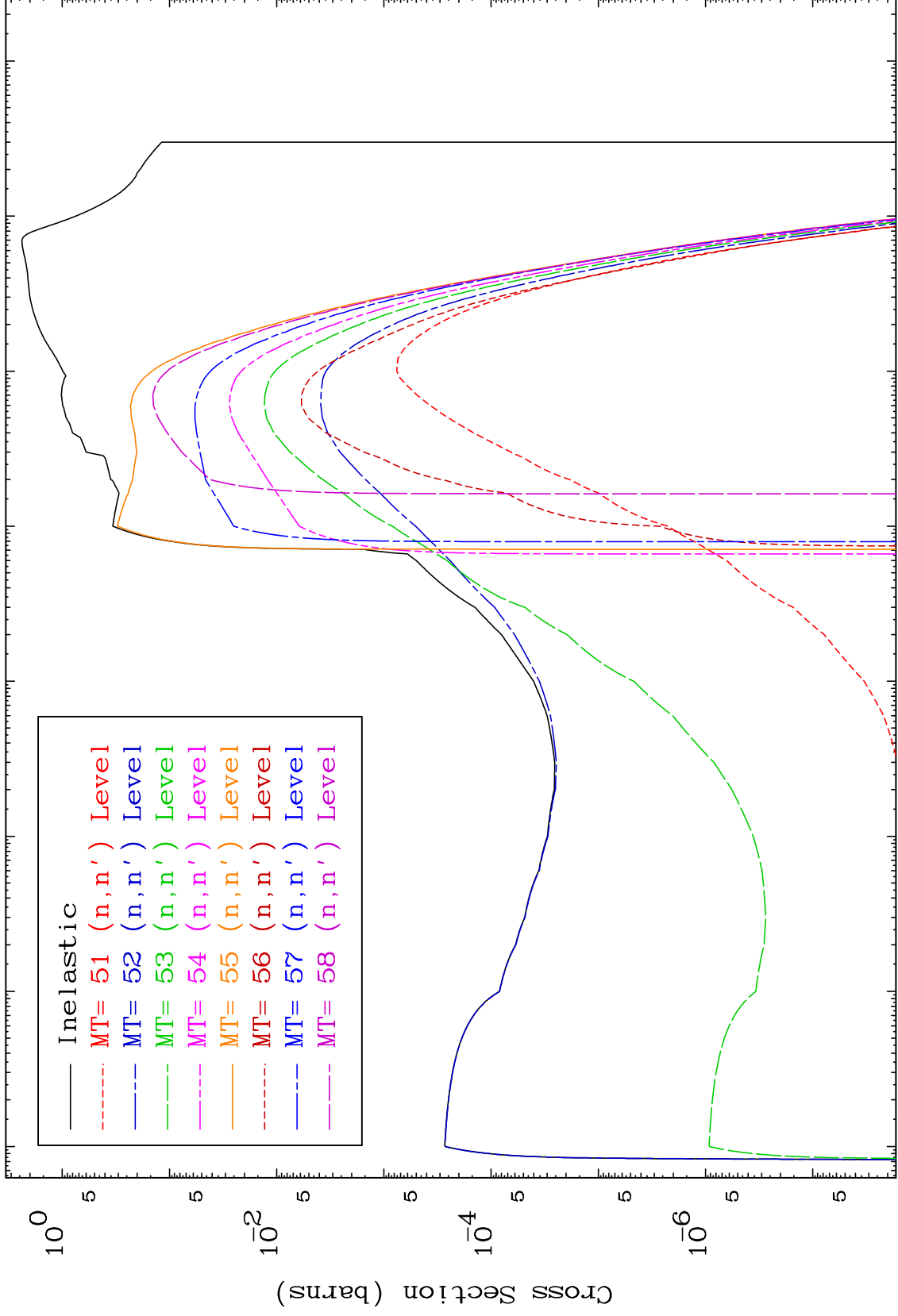
67-Ho-162m



MAT 6717

(n,n') Levels  
293 Kelvin Cross Sections

67-Ho-162m



8

67-Ho-162m

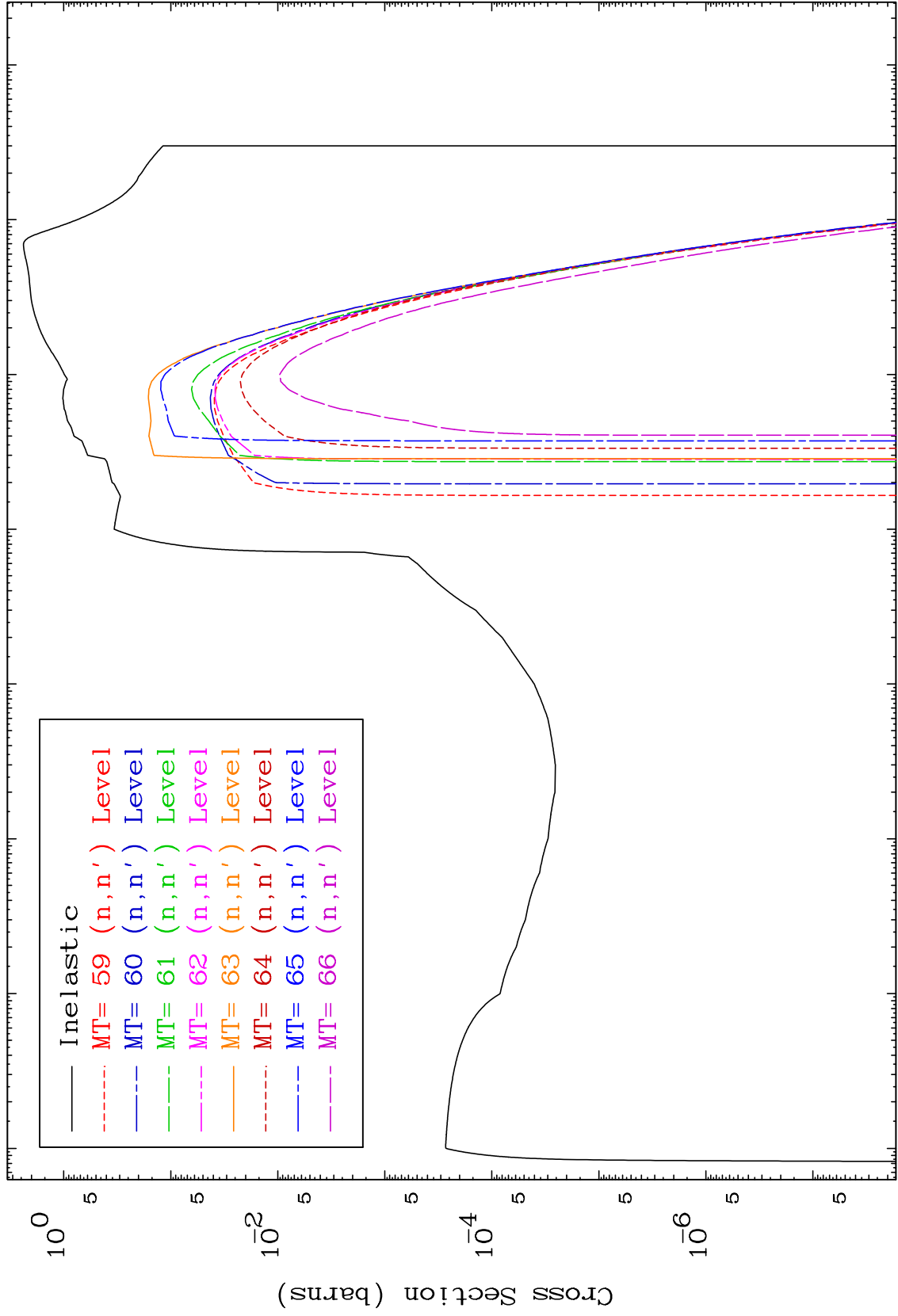
Incident Energy (MeV)

MAT 6717

(n,n') Levels

67-Ho-162m

293 Kelvin Cross Sections



—	Inelastic
- - -	MT= 59 (n,n') Level
- . - .	MT= 60 (n,n') Level
- - -	MT= 61 (n,n') Level
- . - .	MT= 62 (n,n') Level
- - -	MT= 63 (n,n') Level
- . - .	MT= 64 (n,n') Level
- - -	MT= 65 (n,n') Level
- . - .	MT= 66 (n,n') Level

10<sup>0</sup>  
5  
10<sup>-2</sup>  
5  
10<sup>-4</sup>  
5  
10<sup>-6</sup>  
5  
10<sup>-5</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>

Incident Energy (MeV)

67-Ho-162m

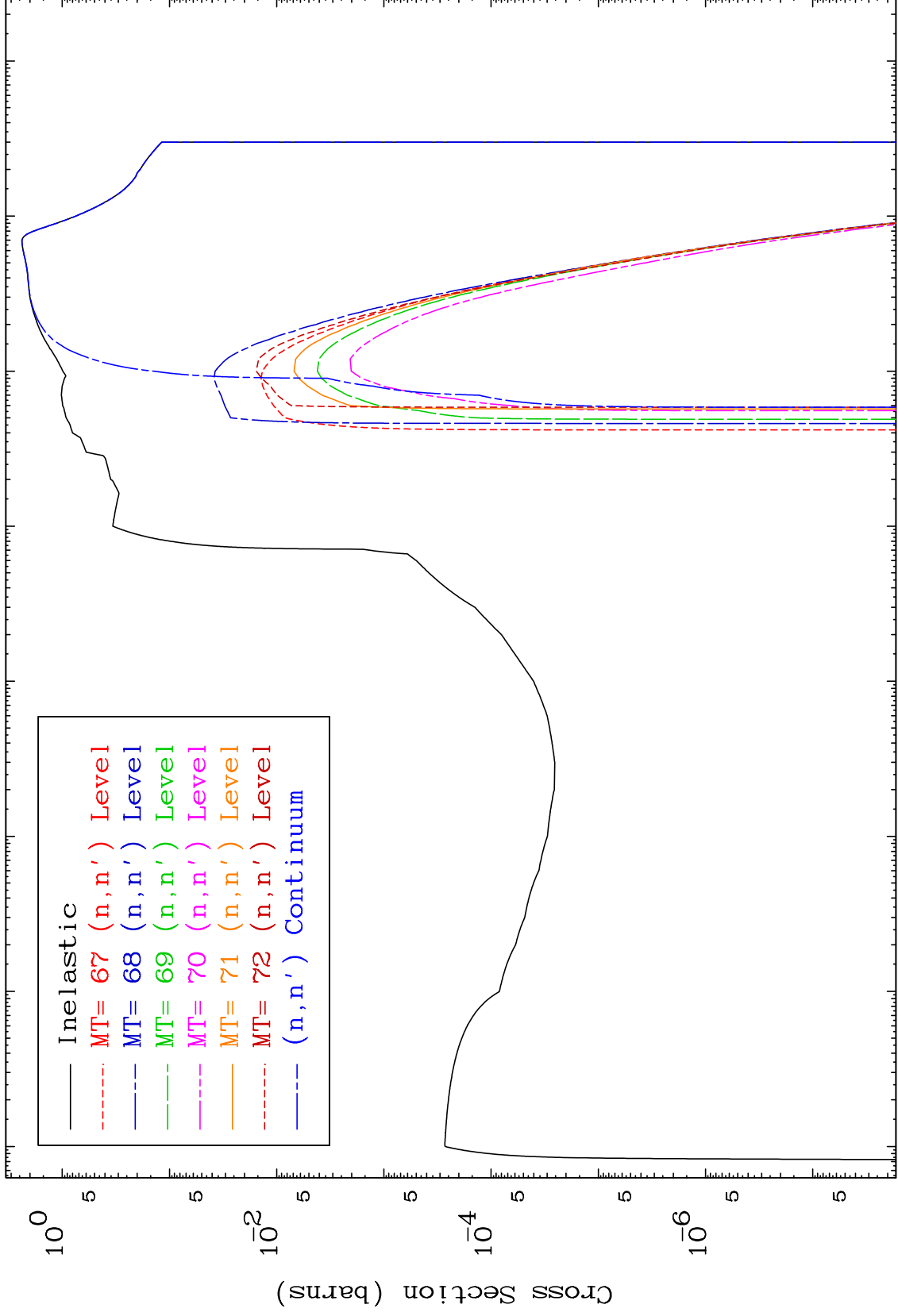
9

MAT 6717

(n,n') Levels

67-Ho-162m

293 Kelvin Cross Sections



67-Ho-162m

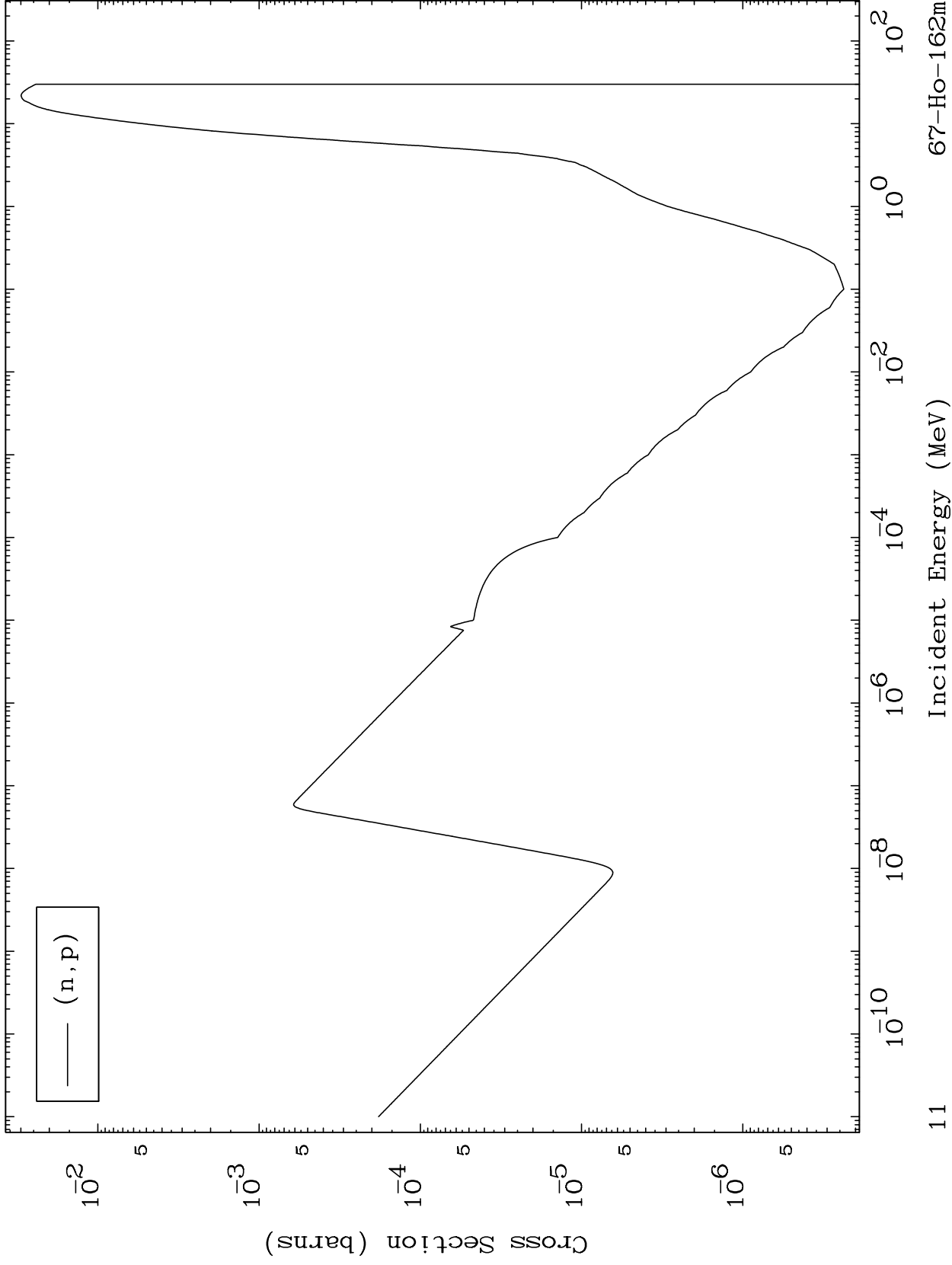
Incident Energy (MeV)

67-Ho-162m

MAT 6717

(n,p) Levels  
293 Kelvin Cross Sections

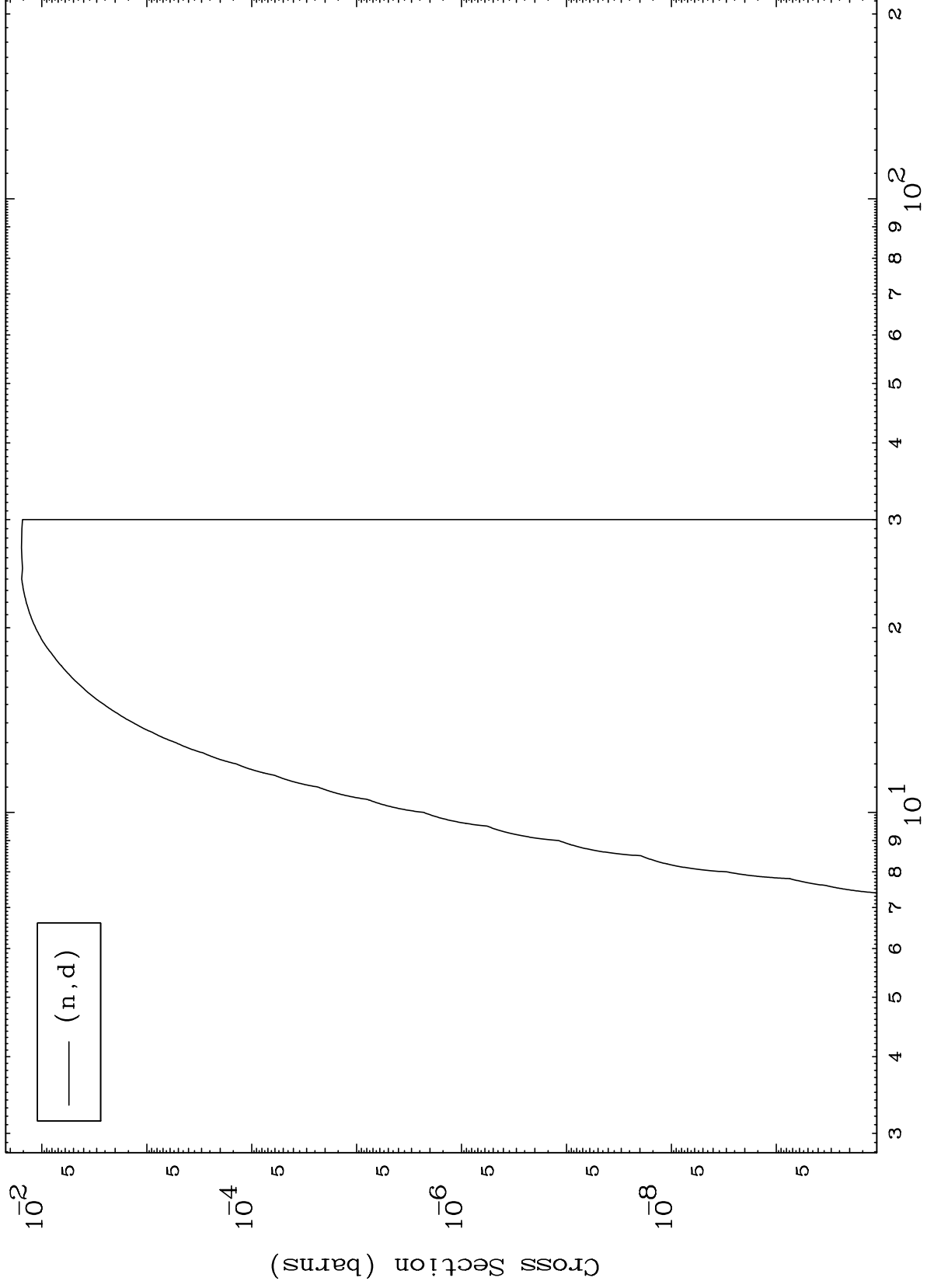
67-Ho-162m



MAT 6717

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-162m



12

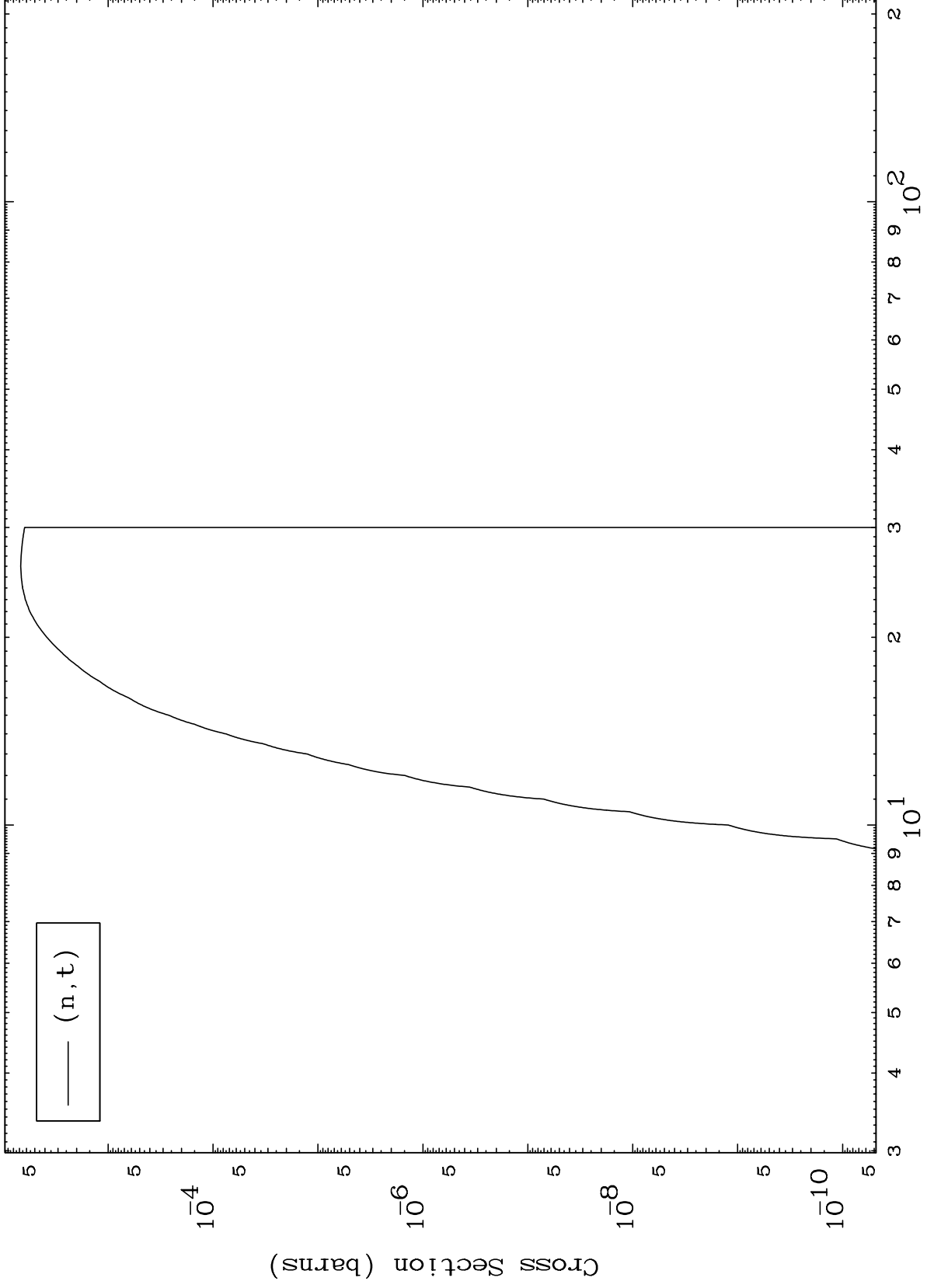
Incident Energy (MeV)

67-Ho-162m

MAT 6717

(n,t) Levels  
293 Kelvin Cross Sections

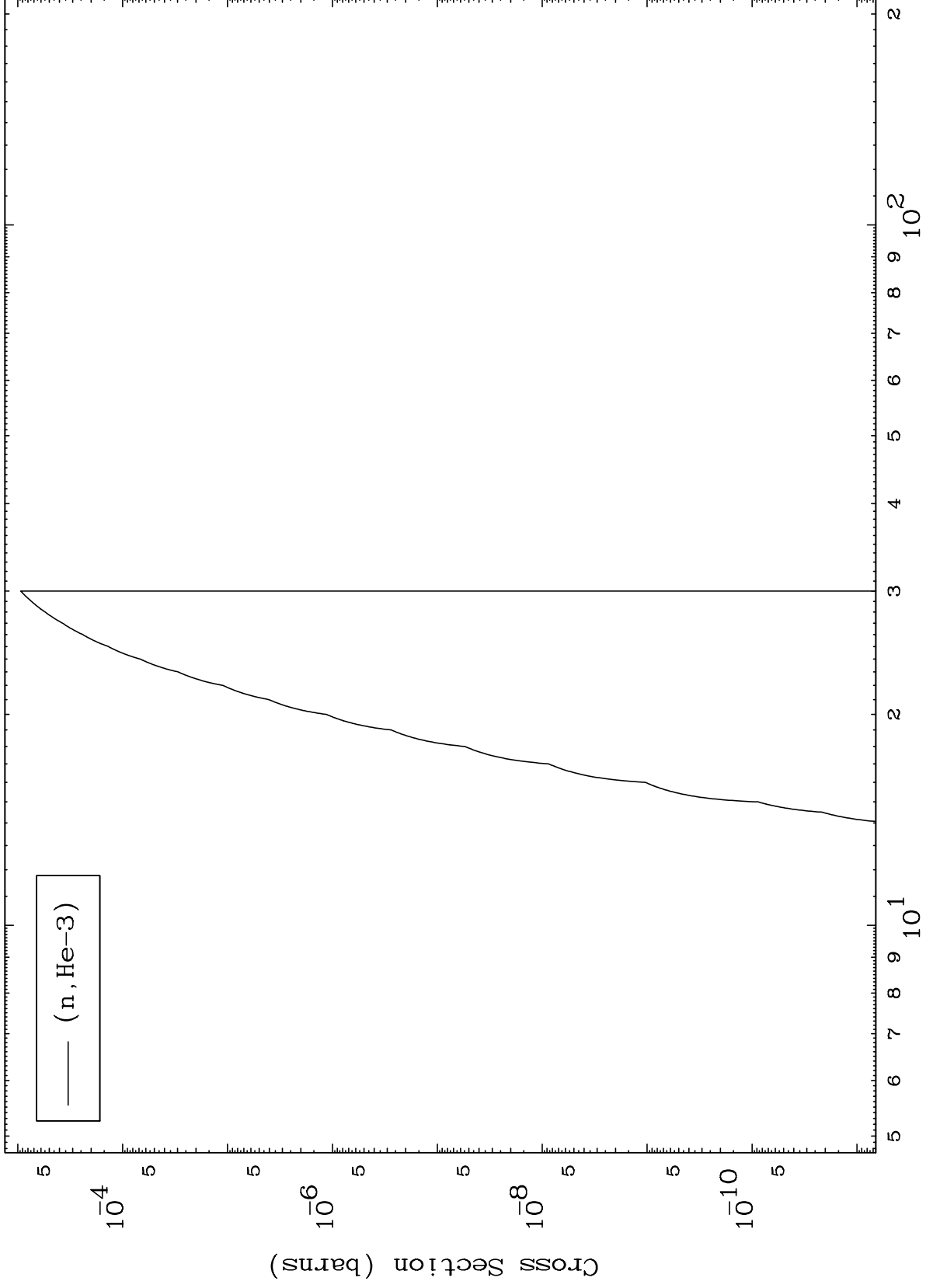
67-Ho-162m



MAT 6717

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-162m



14

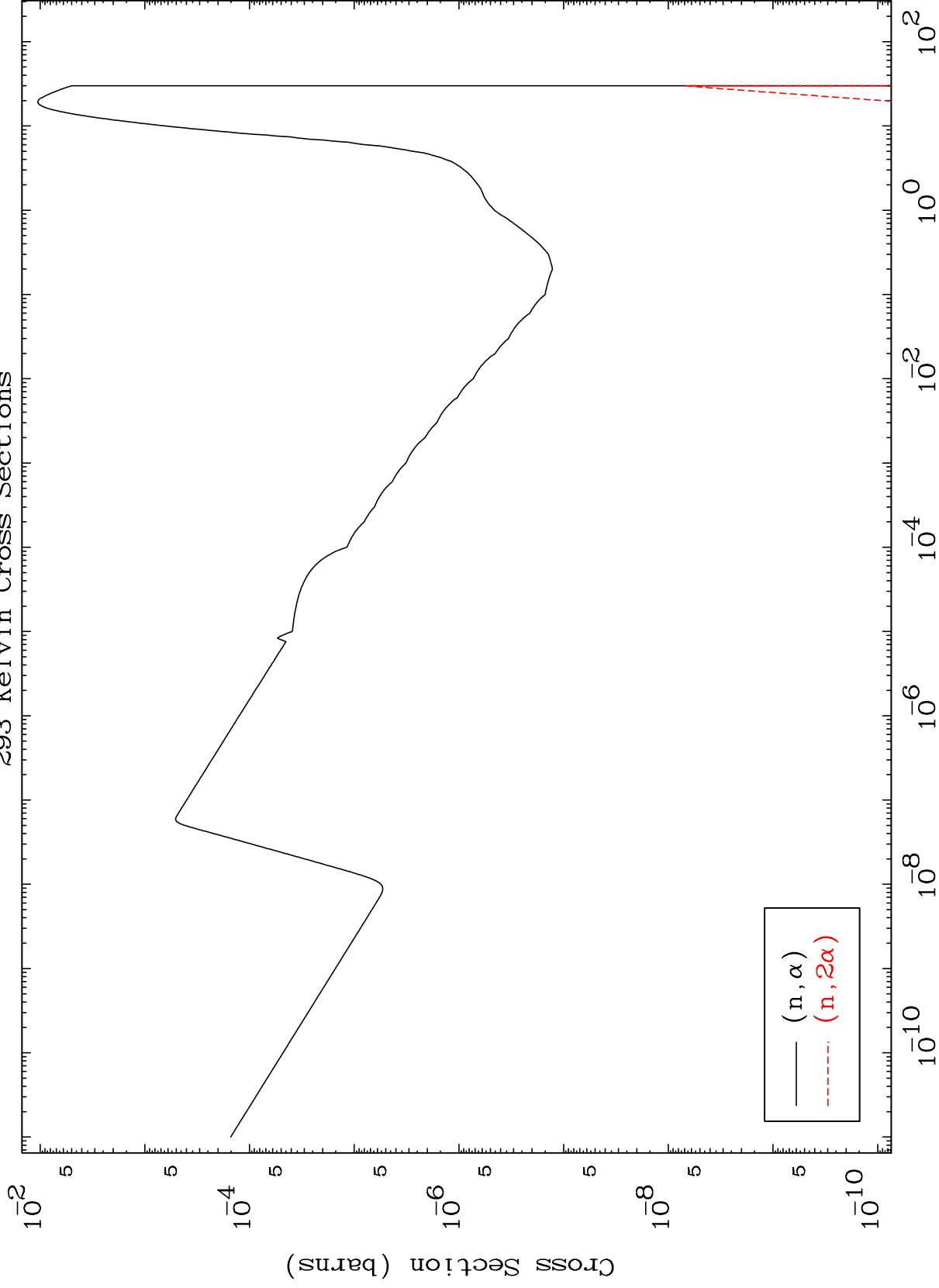
Incident Energy (MeV)

67-Ho-162m

MAT 6717

(n,α) Levels  
293 Kelvin Cross Sections

67-Ho-162m

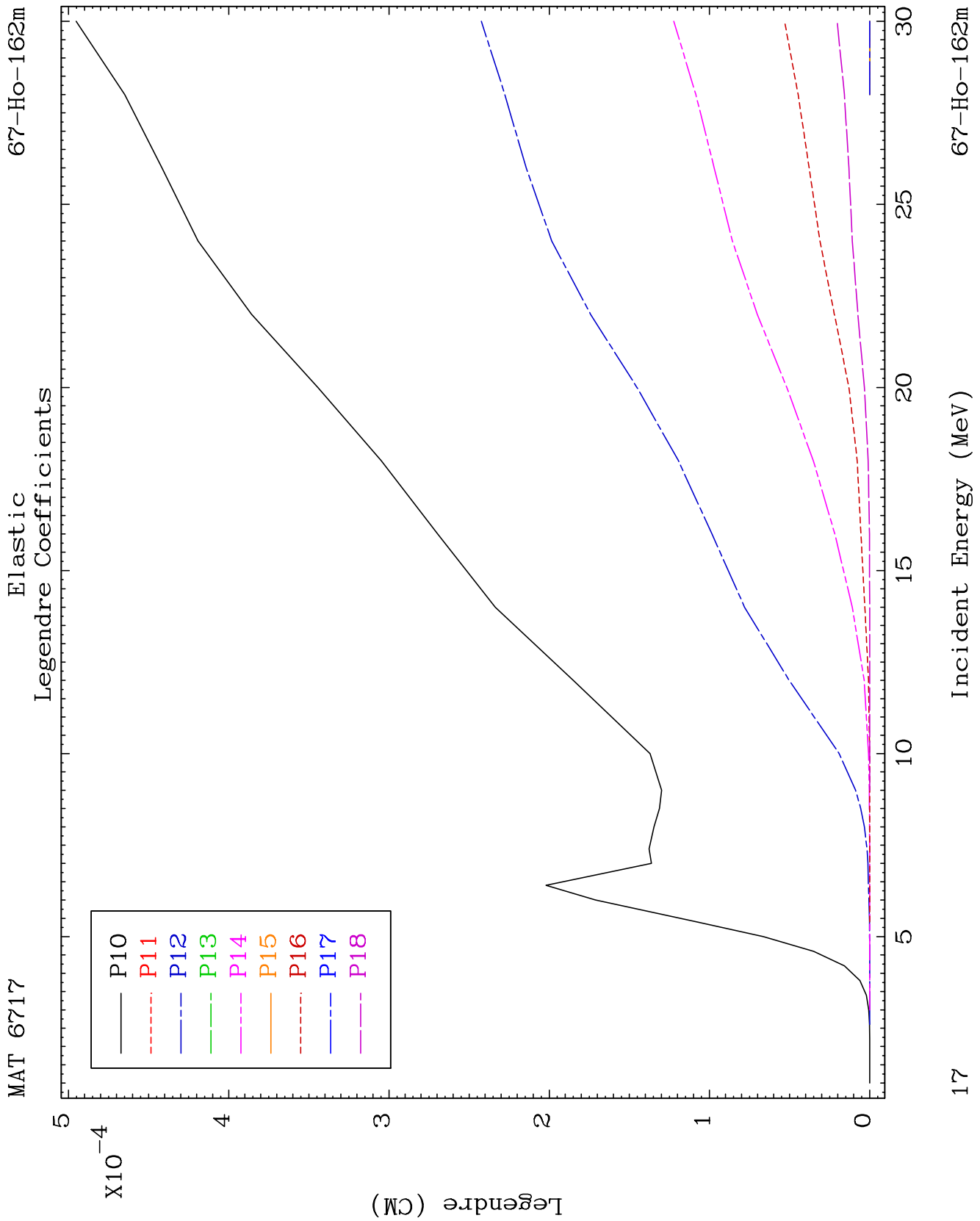


15

Incident Energy (MeV)

67-Ho-162m

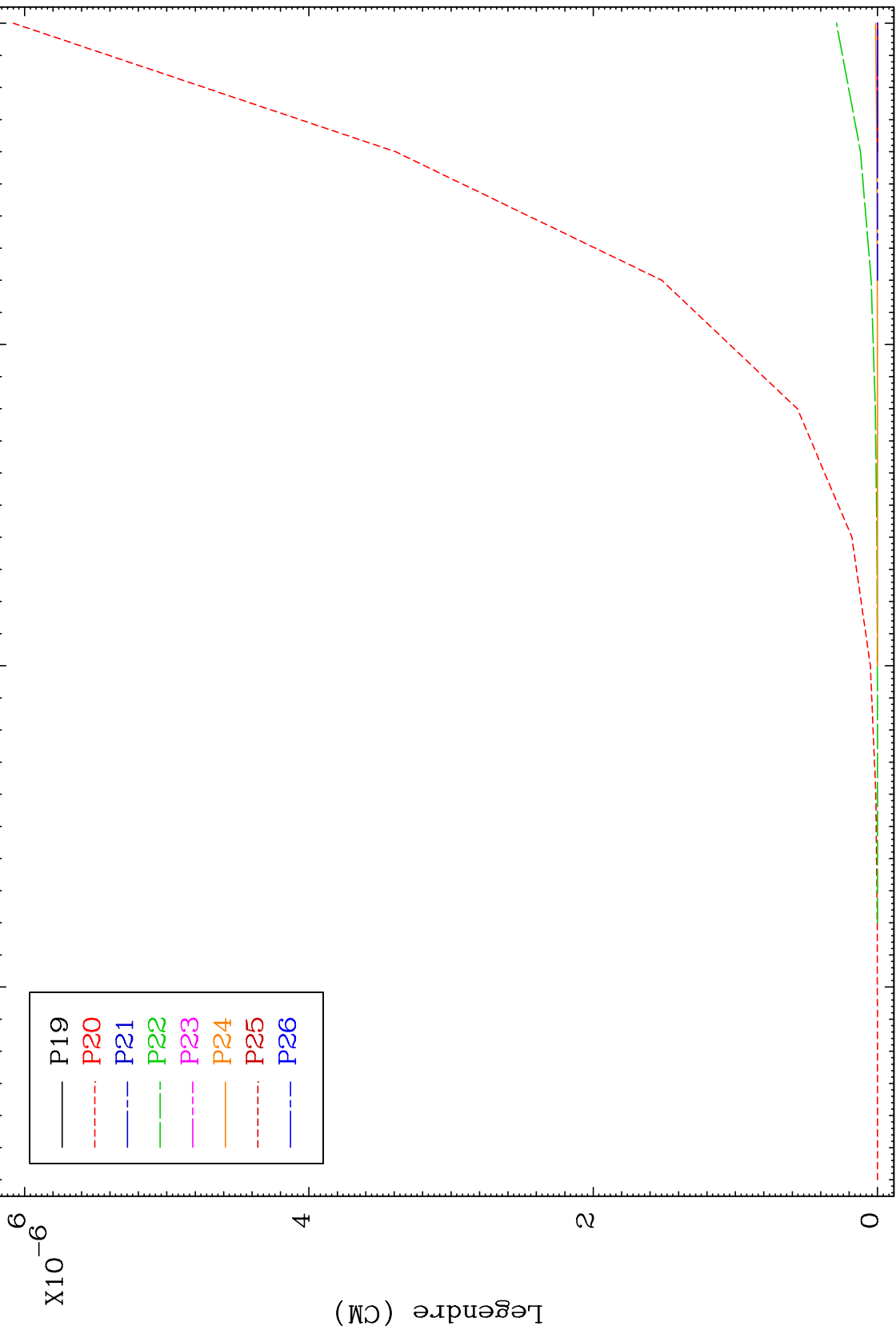




MAT 6717

Elastic  
Legendre Coefficients

67-Ho-162m



18

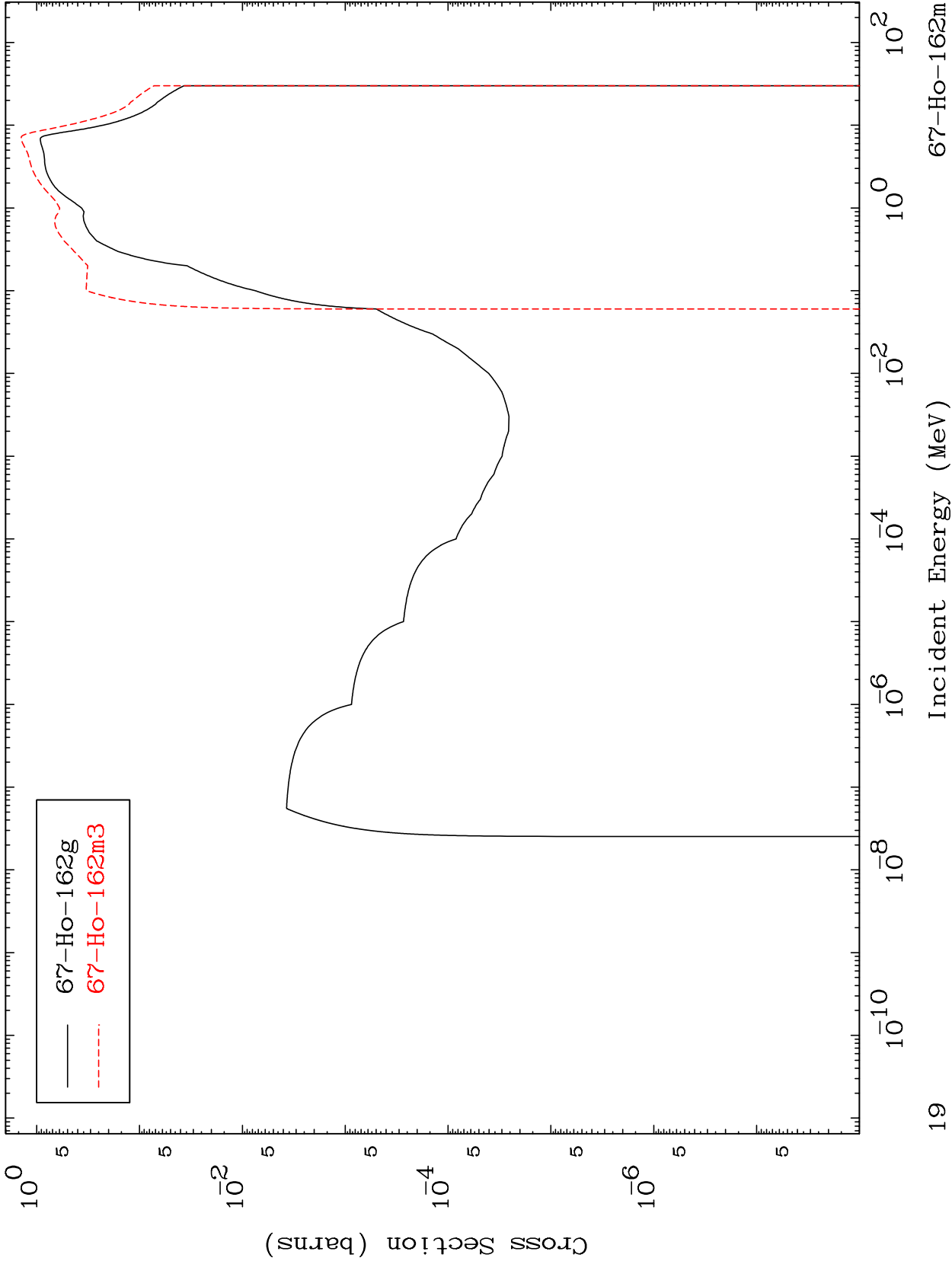
Incident Energy (MeV)

67-Ho-162m

MAT 6717

Inelastic  
Radionuclide Production Cross Section

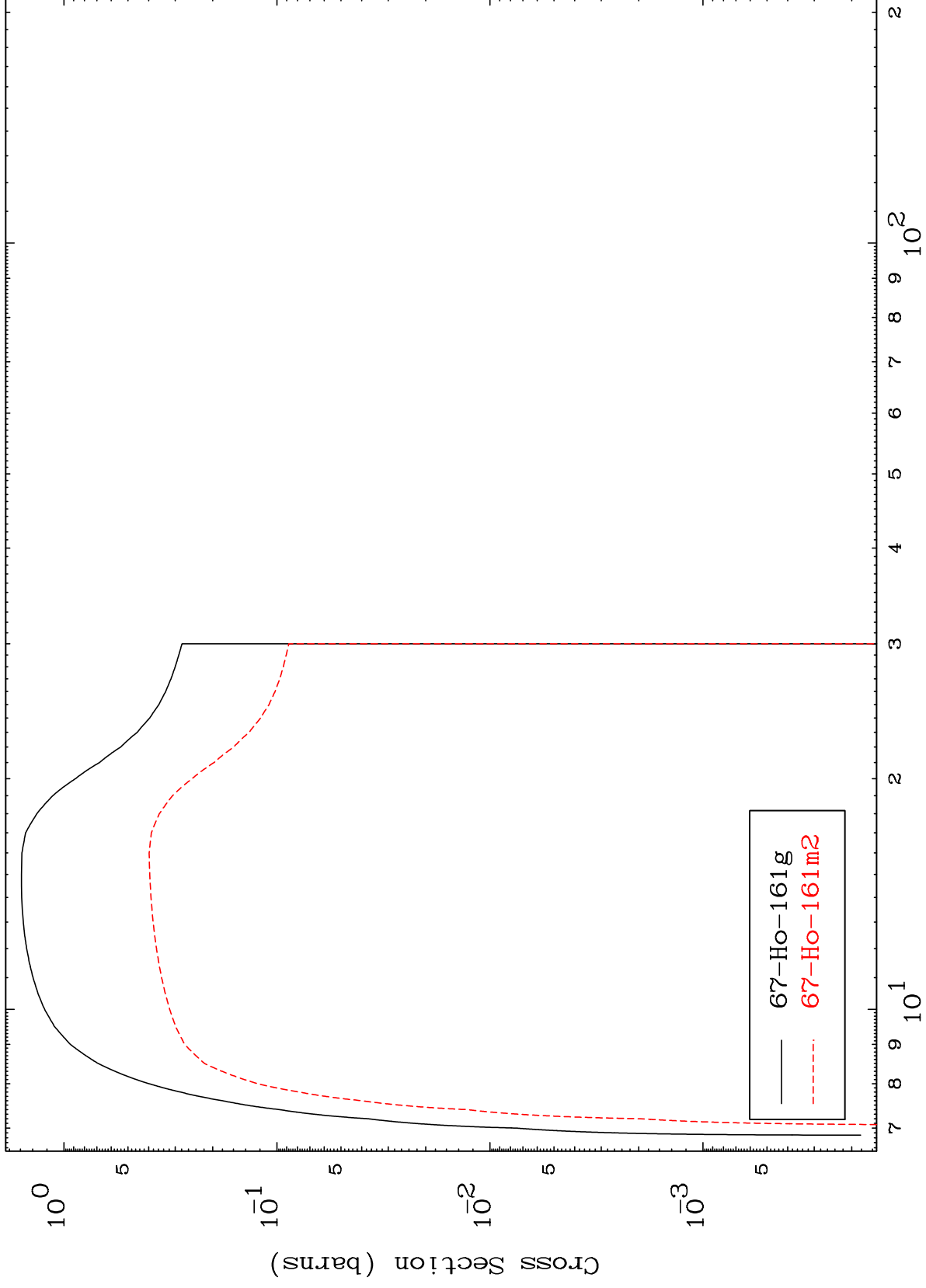
67-Ho-162m



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67-Ho-162m

Radionuclide Production Cross Section  
(n,2n)



67-Ho-162m

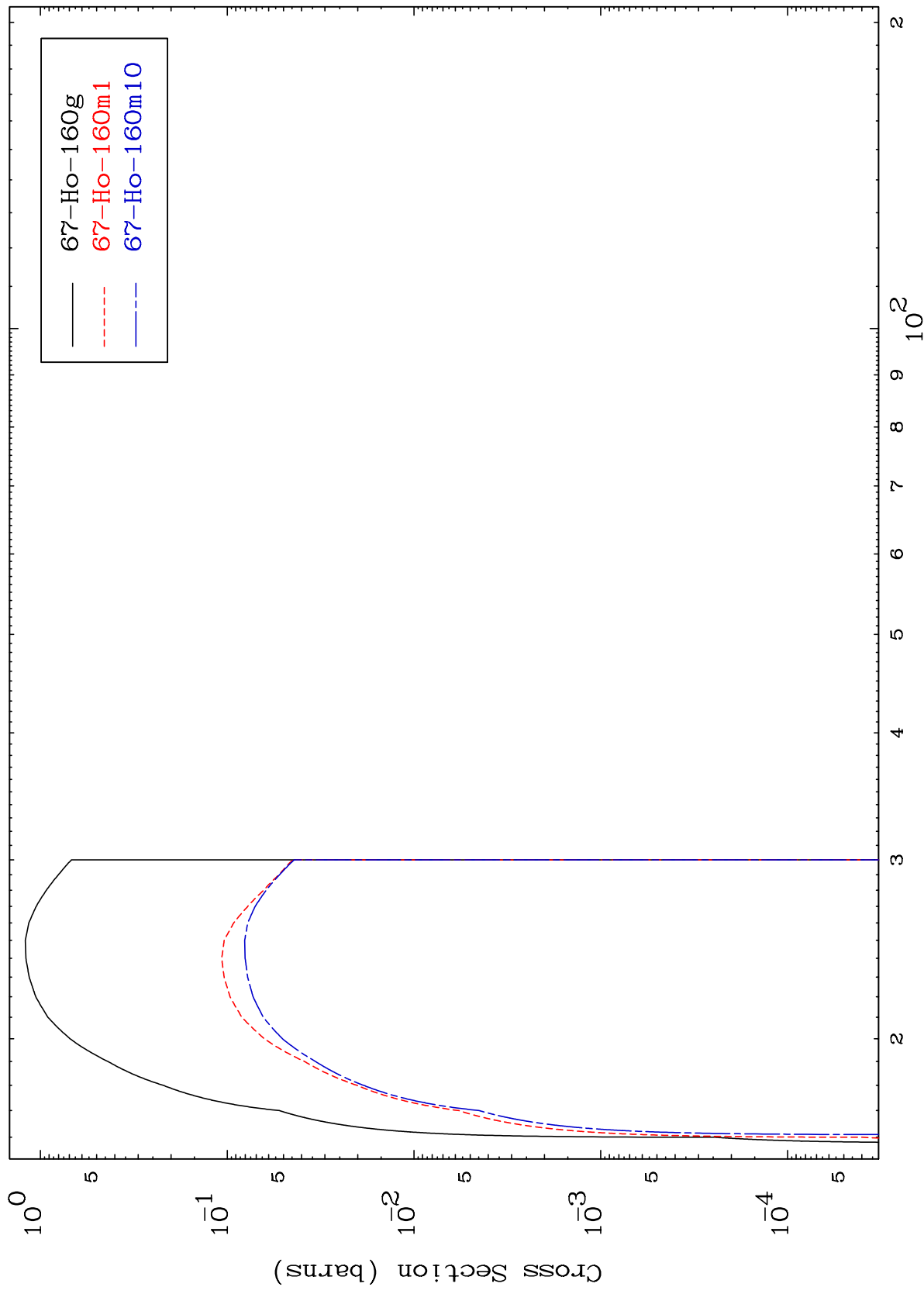
Incident Energy (MeV)

20

MAT 6717

67-Ho-162m

Radionuclide Production Cross Section  
(n,3n)



21

Incident Energy (MeV)

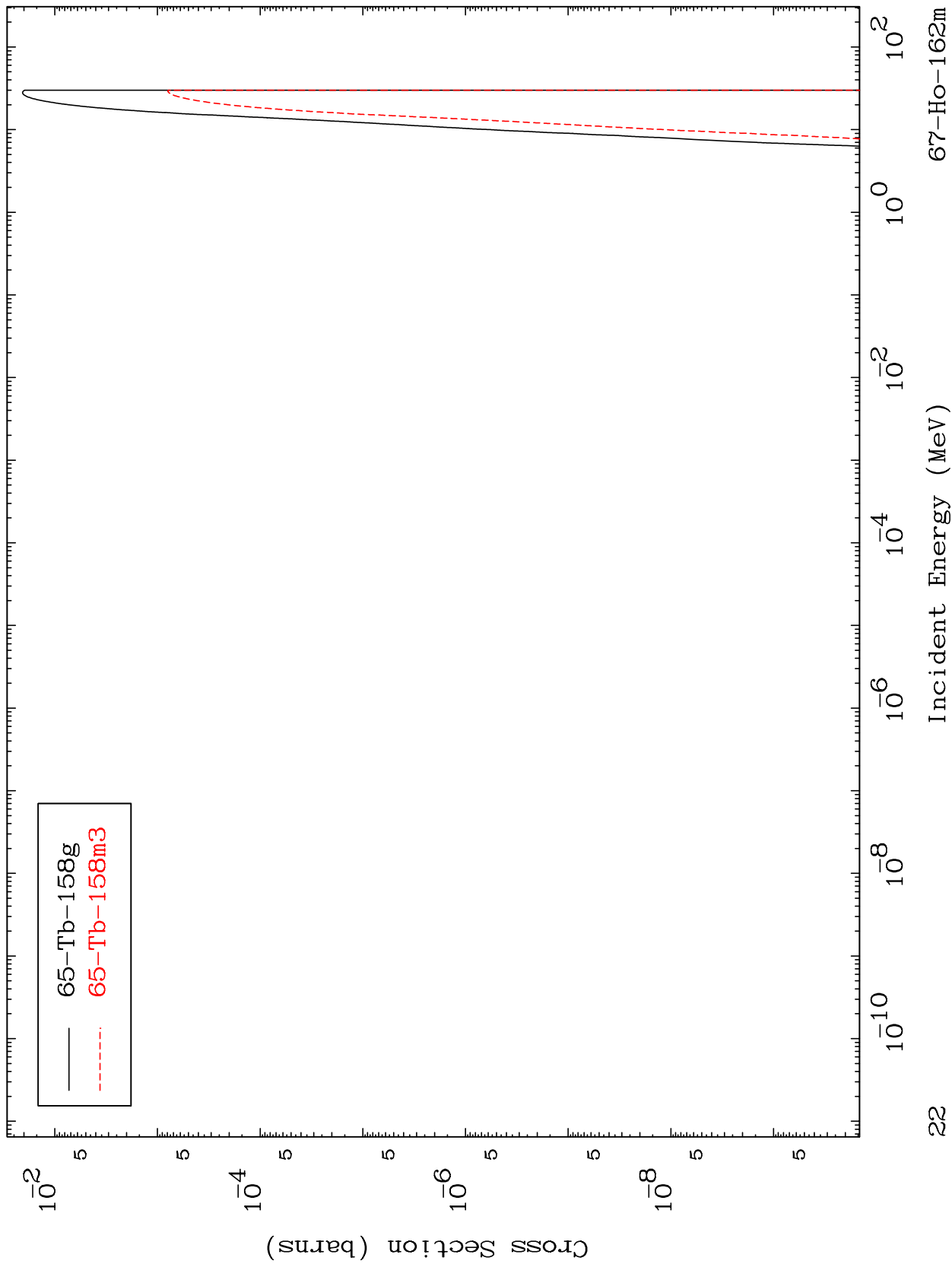
67-Ho-162m

MAT 6717

$(n, n') \alpha$

67-Ho-162m

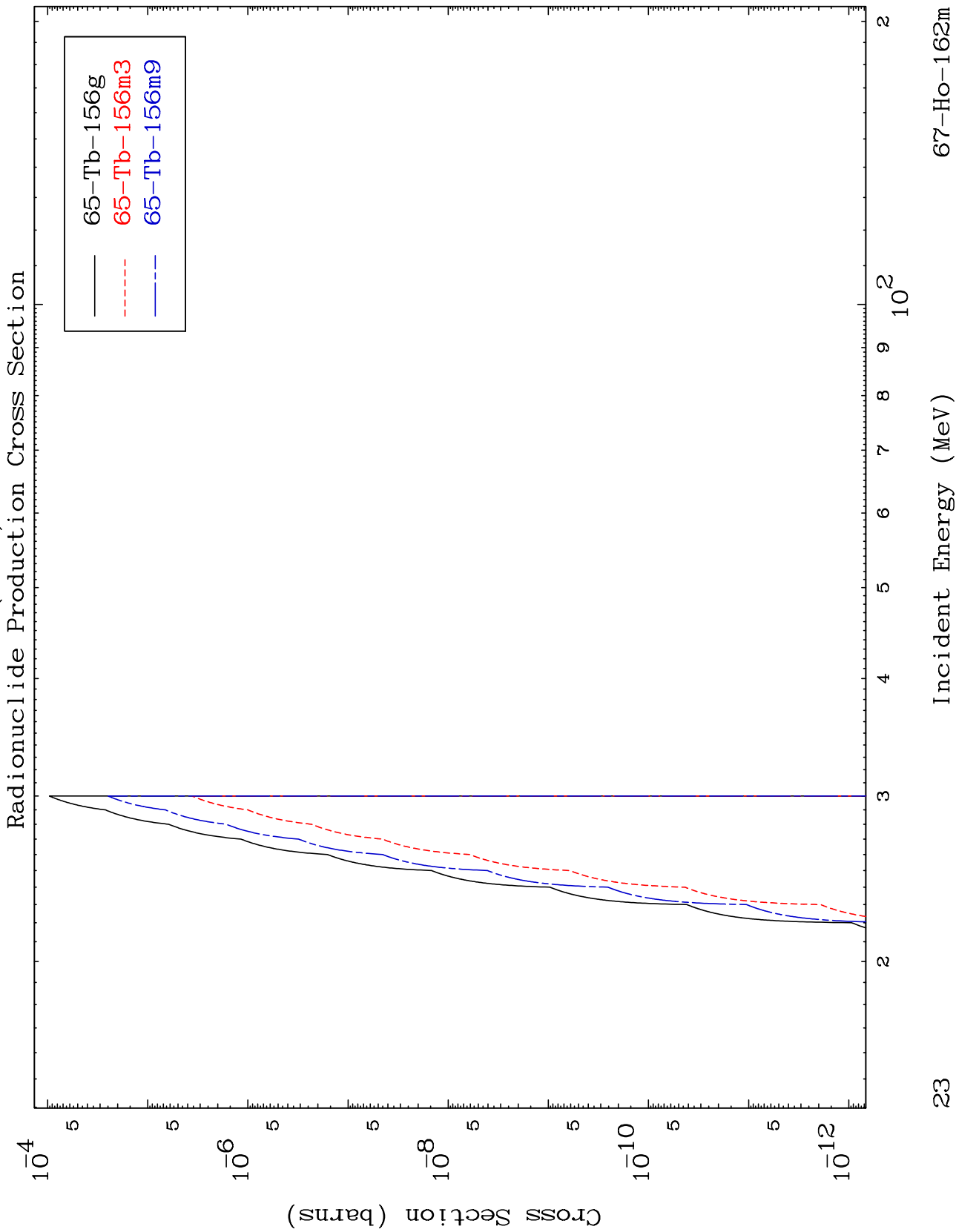
Radionuclide Production Cross Section



MAT 6717

(n,3n)  $\alpha$

67-Ho-162m

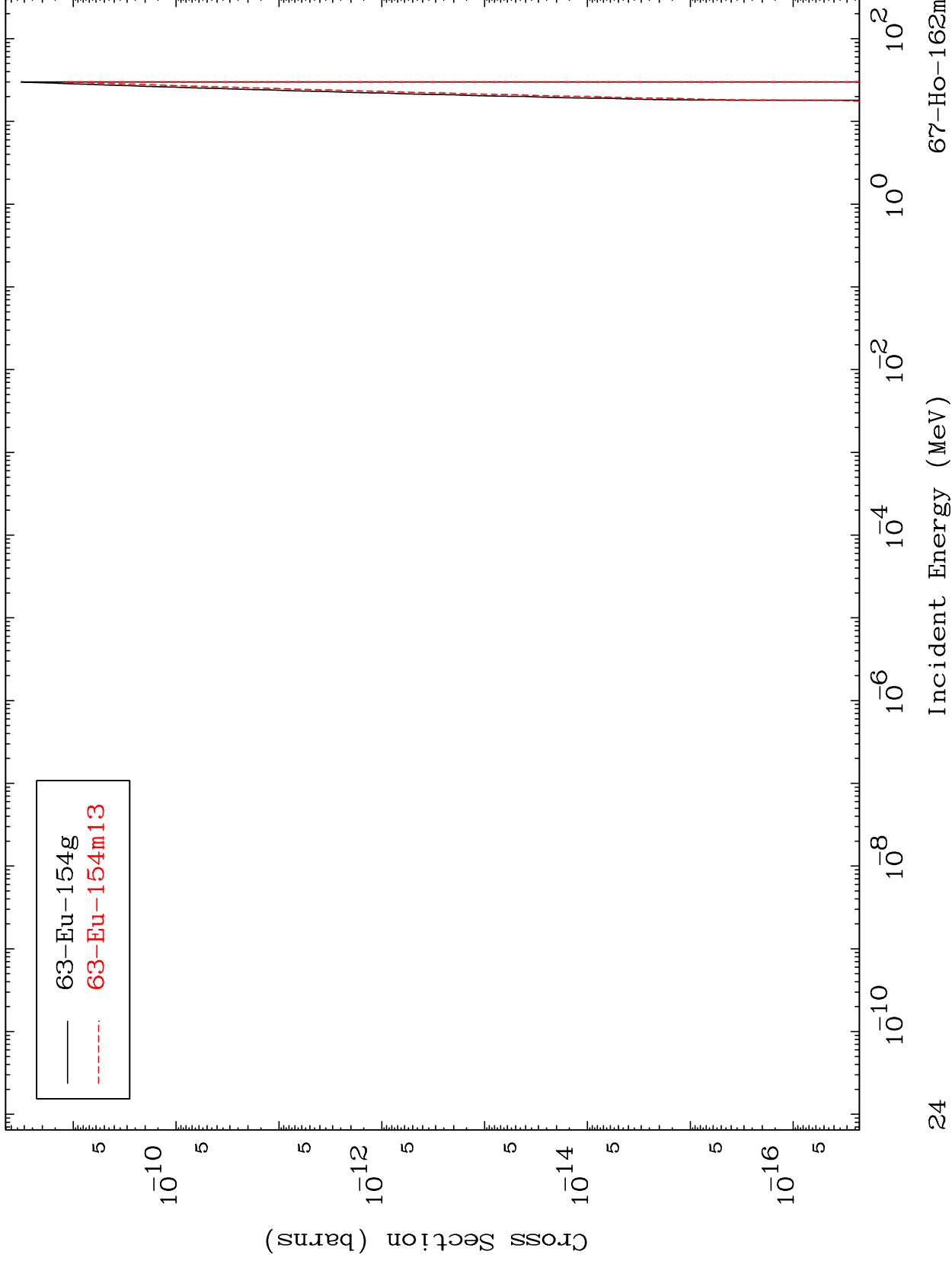


MAT 6717

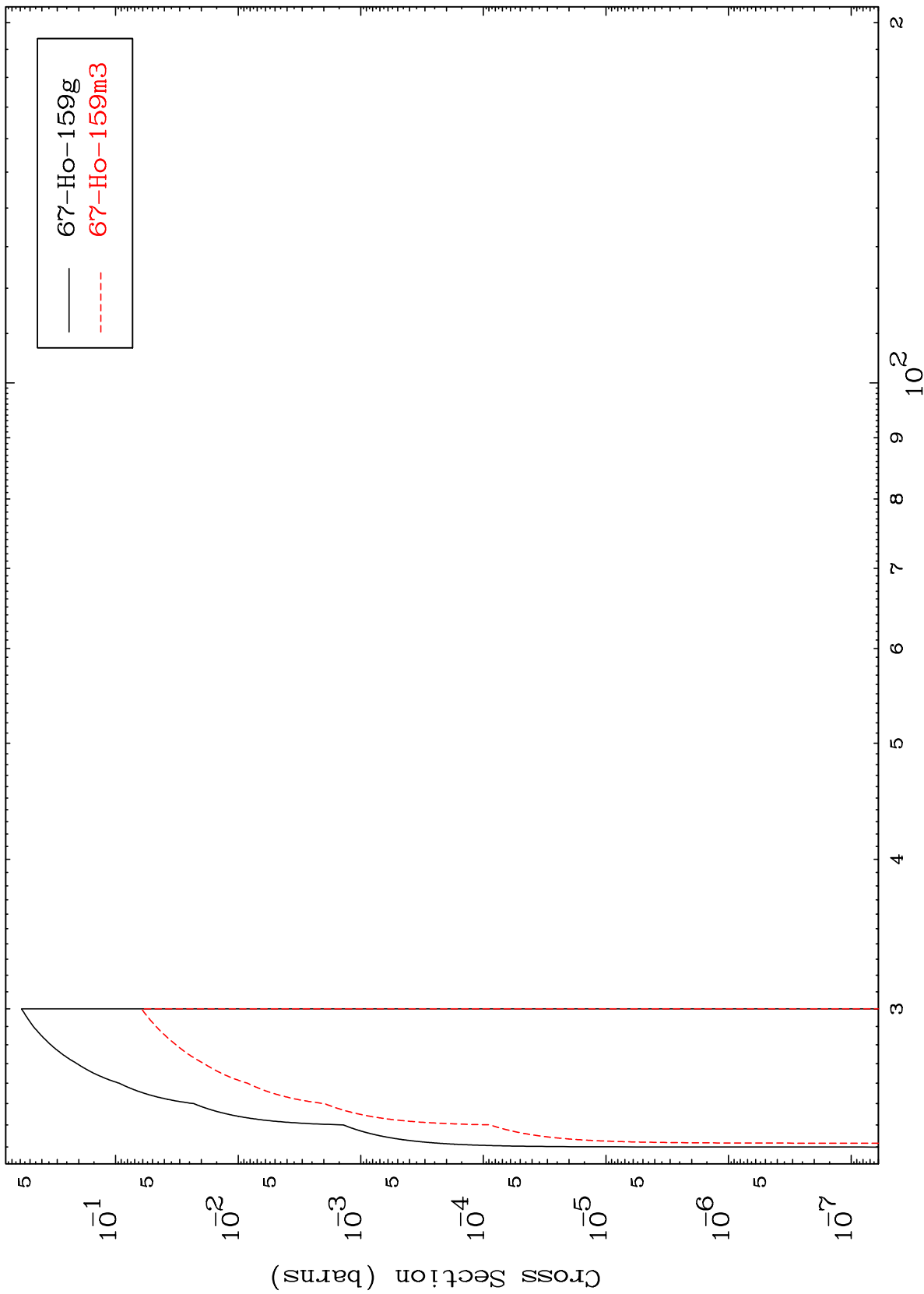
(n,n') 2α

67-Ho-162m

Radionuclide Production Cross Section



(n,4n)  
Radionuclide Production Cross Section



MAT 6717

67-Ho-162m

Radionuclide Production Cross Section

(n,  $\gamma$ )

