

Program EVALPLOT
(Version 2021-1)

by

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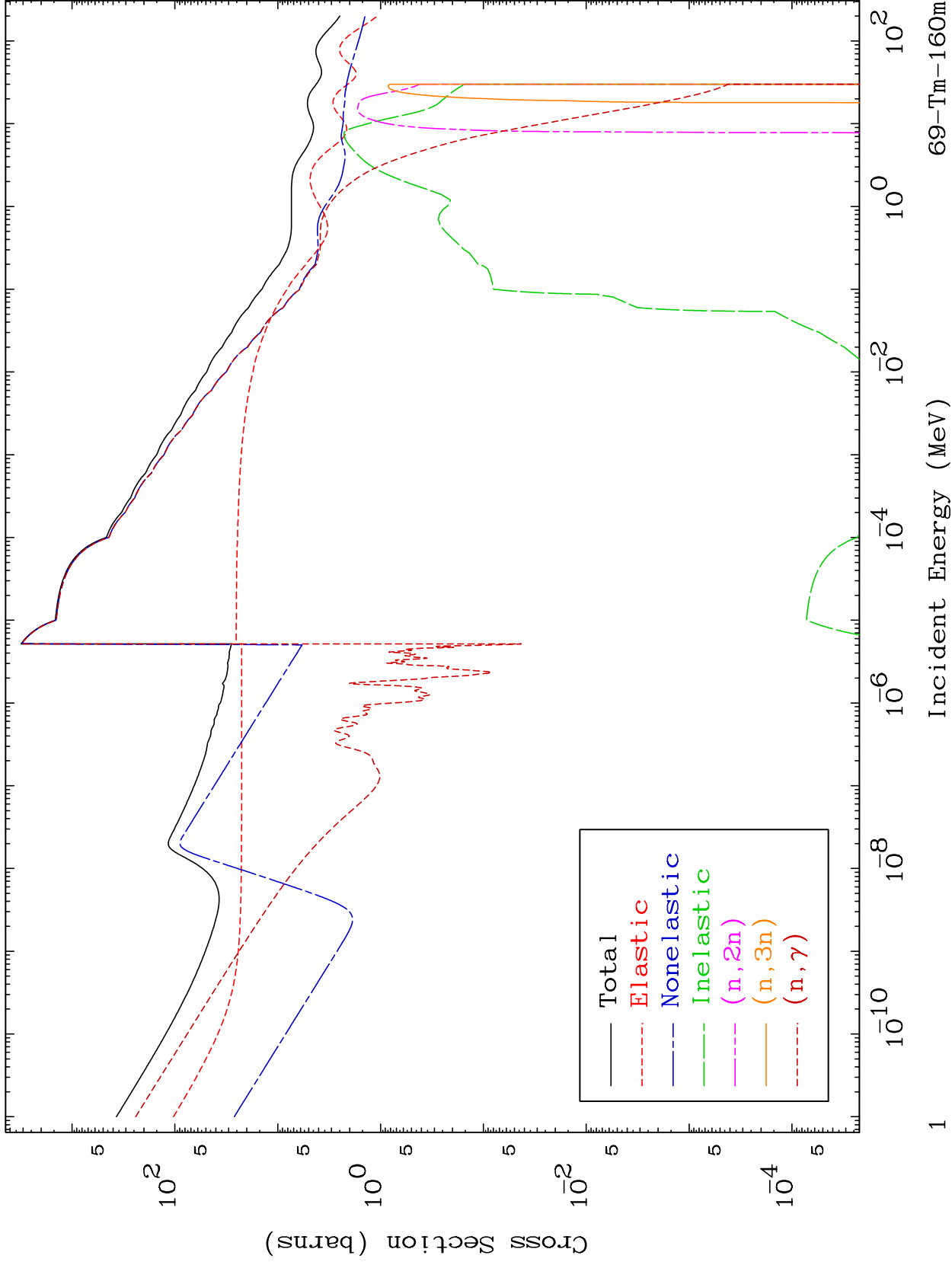
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6899

Neutron Major
293 Kelvin Cross Sections

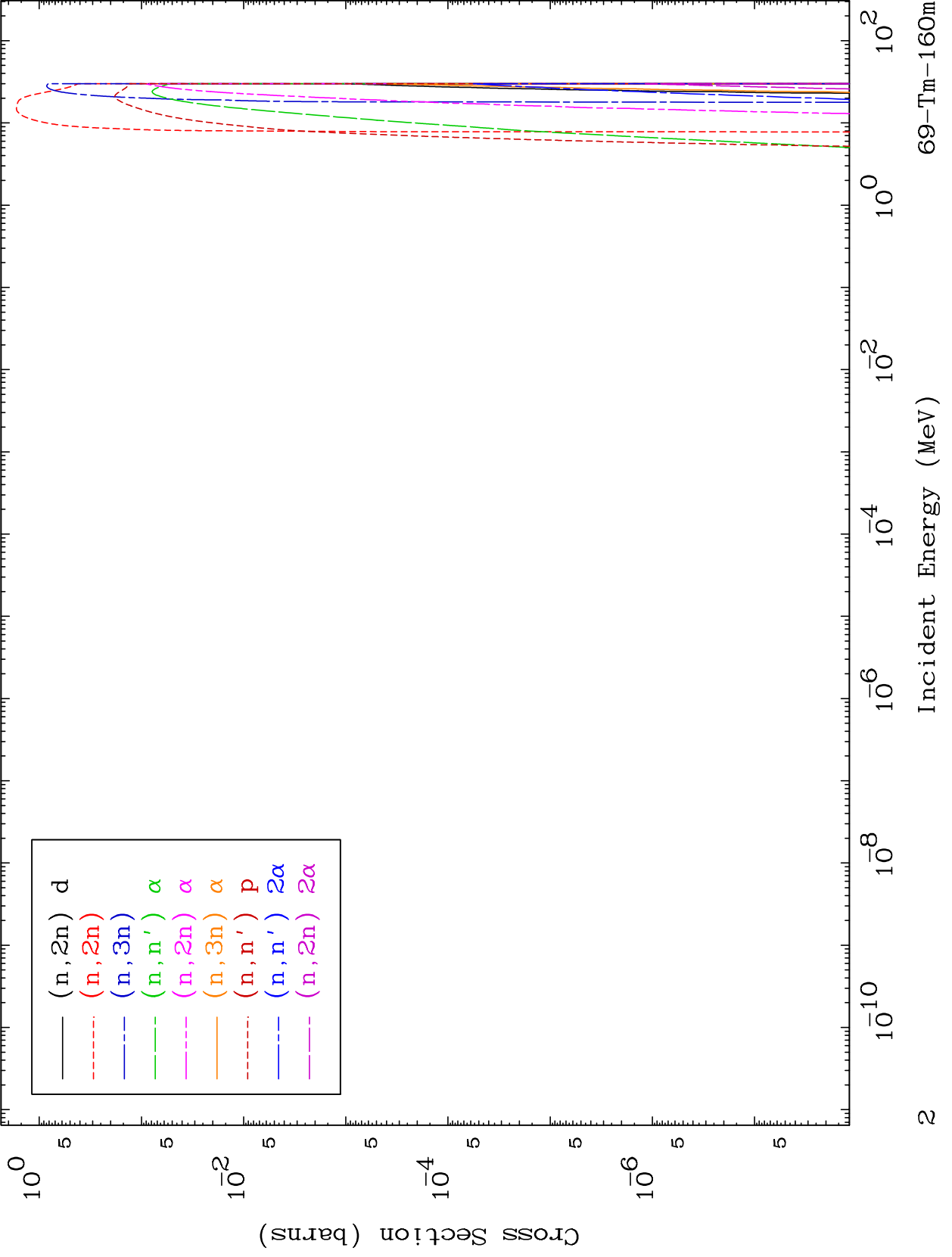
69-Tm-160m



MAT 6899

Neutron Absorption
293 Kelvin Cross Sections

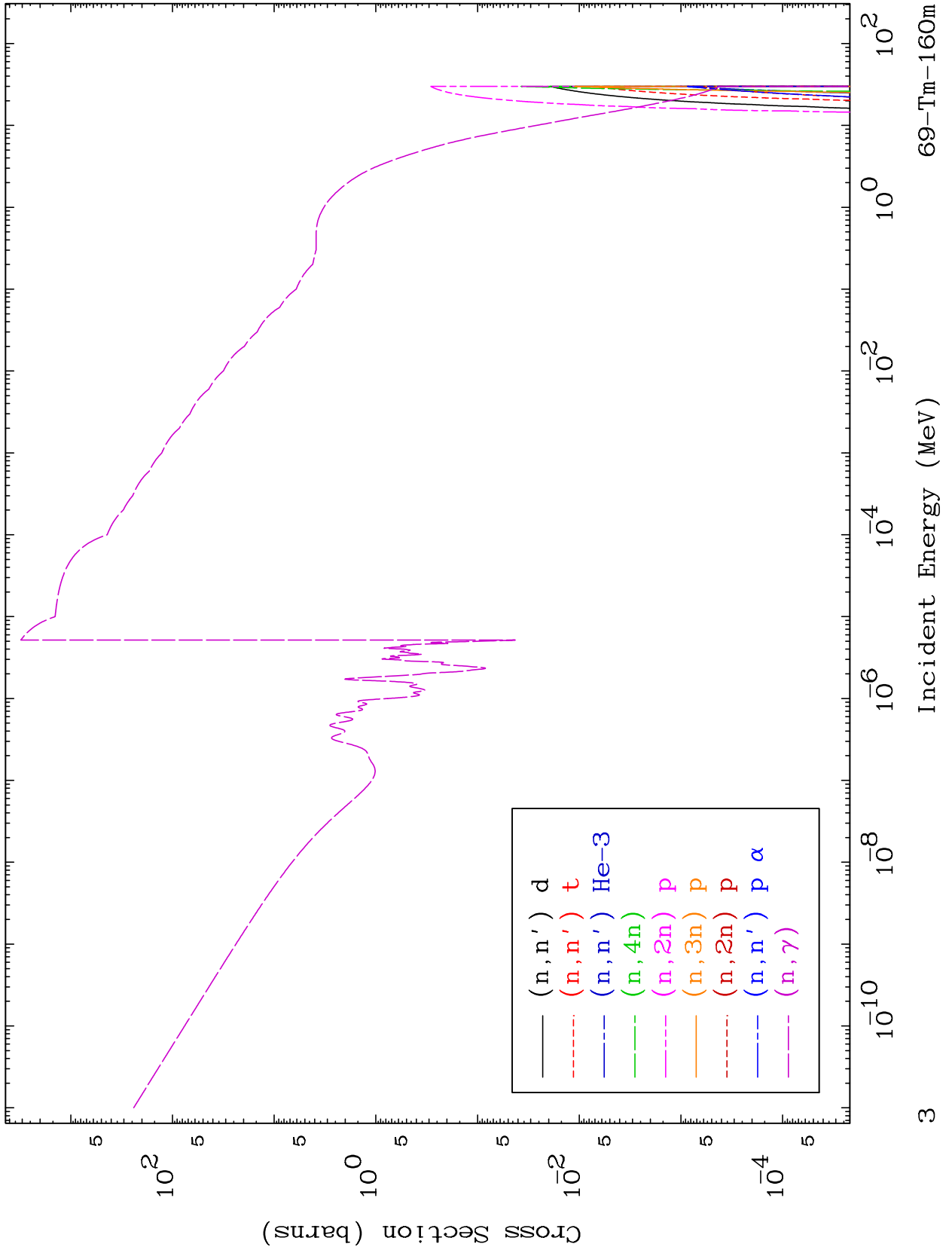
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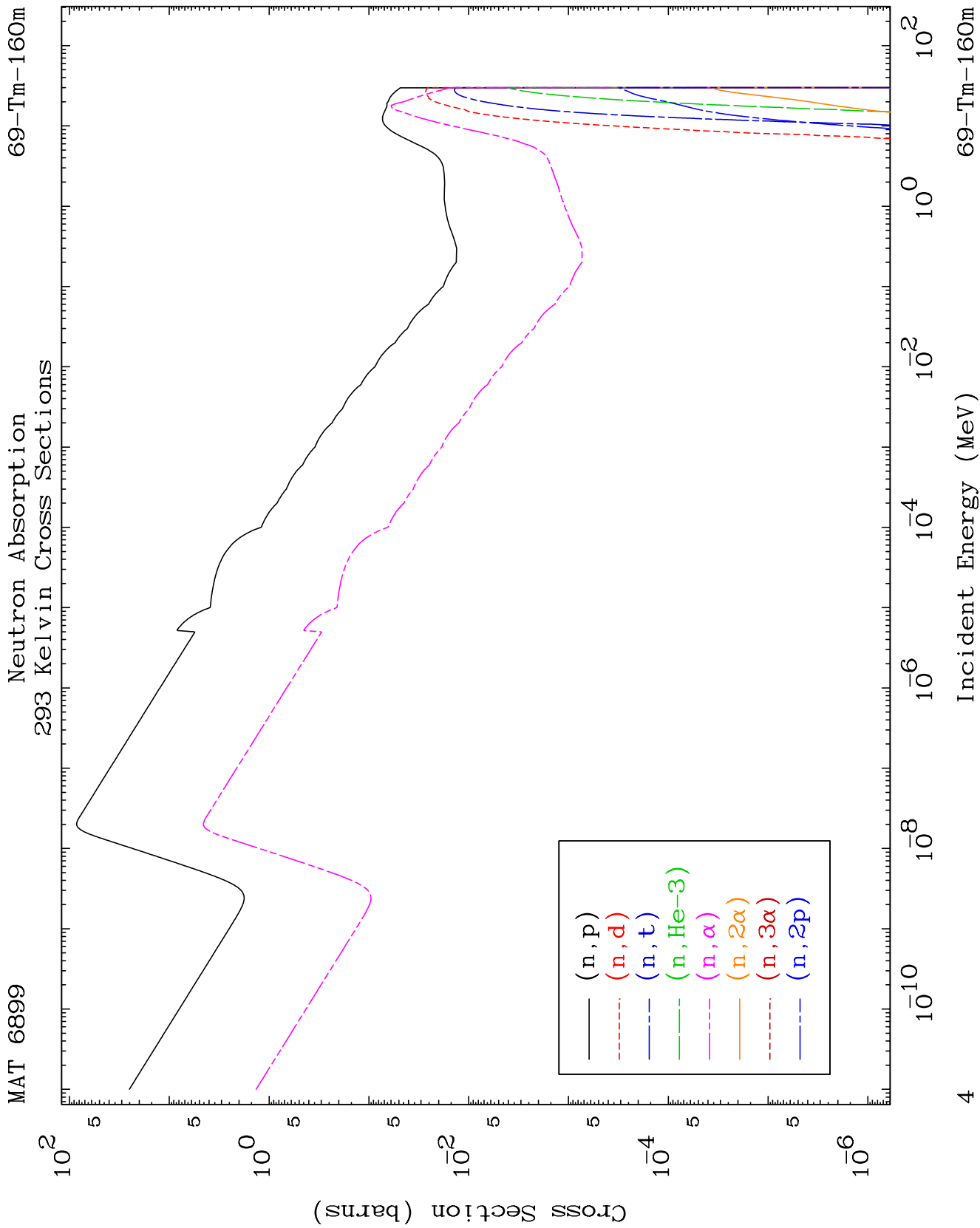


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Neutron Absorption
293 Kelvin Cross Sections

69-Tm-160m

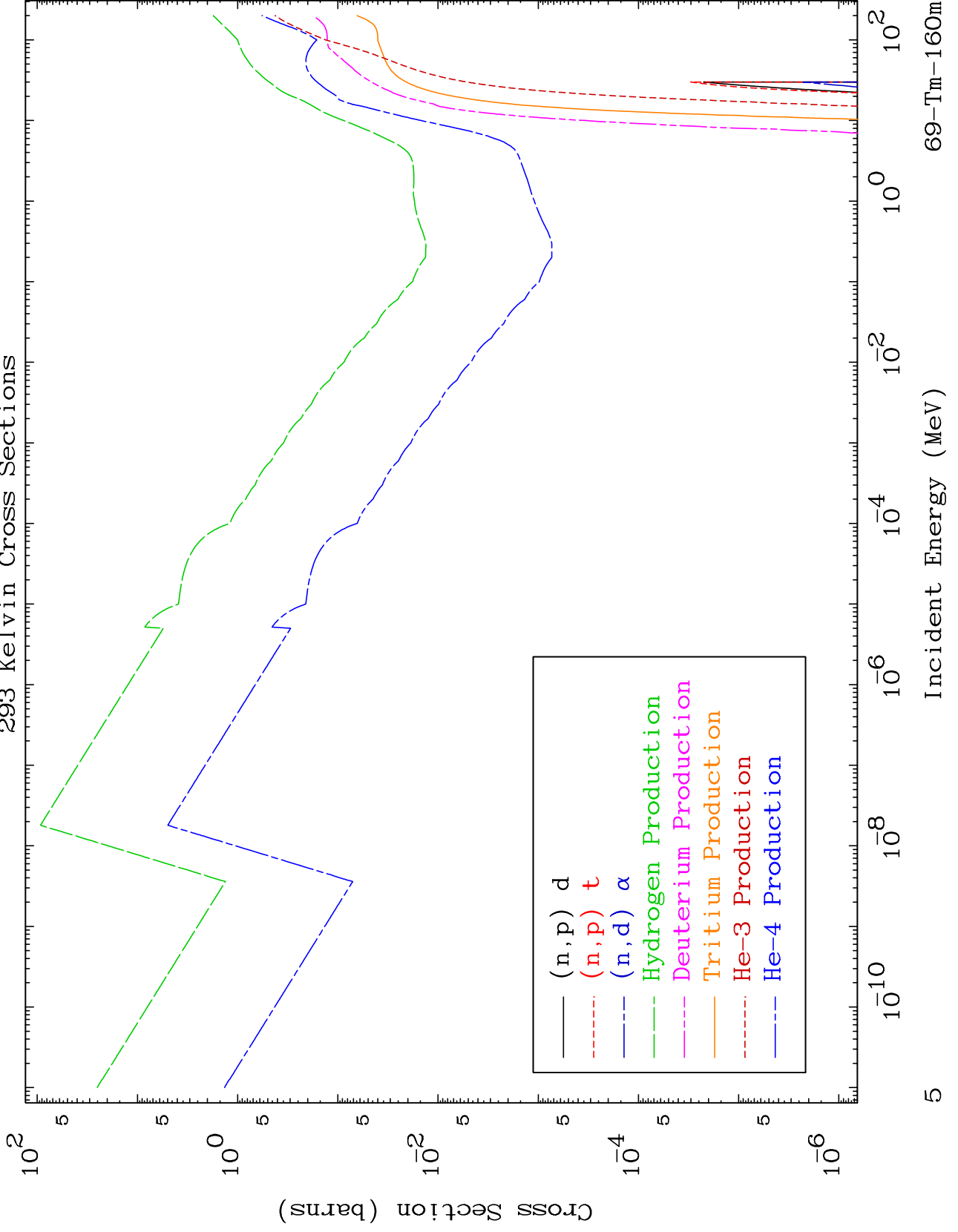




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Neutron Absorption
293 Kelvin Cross Sections

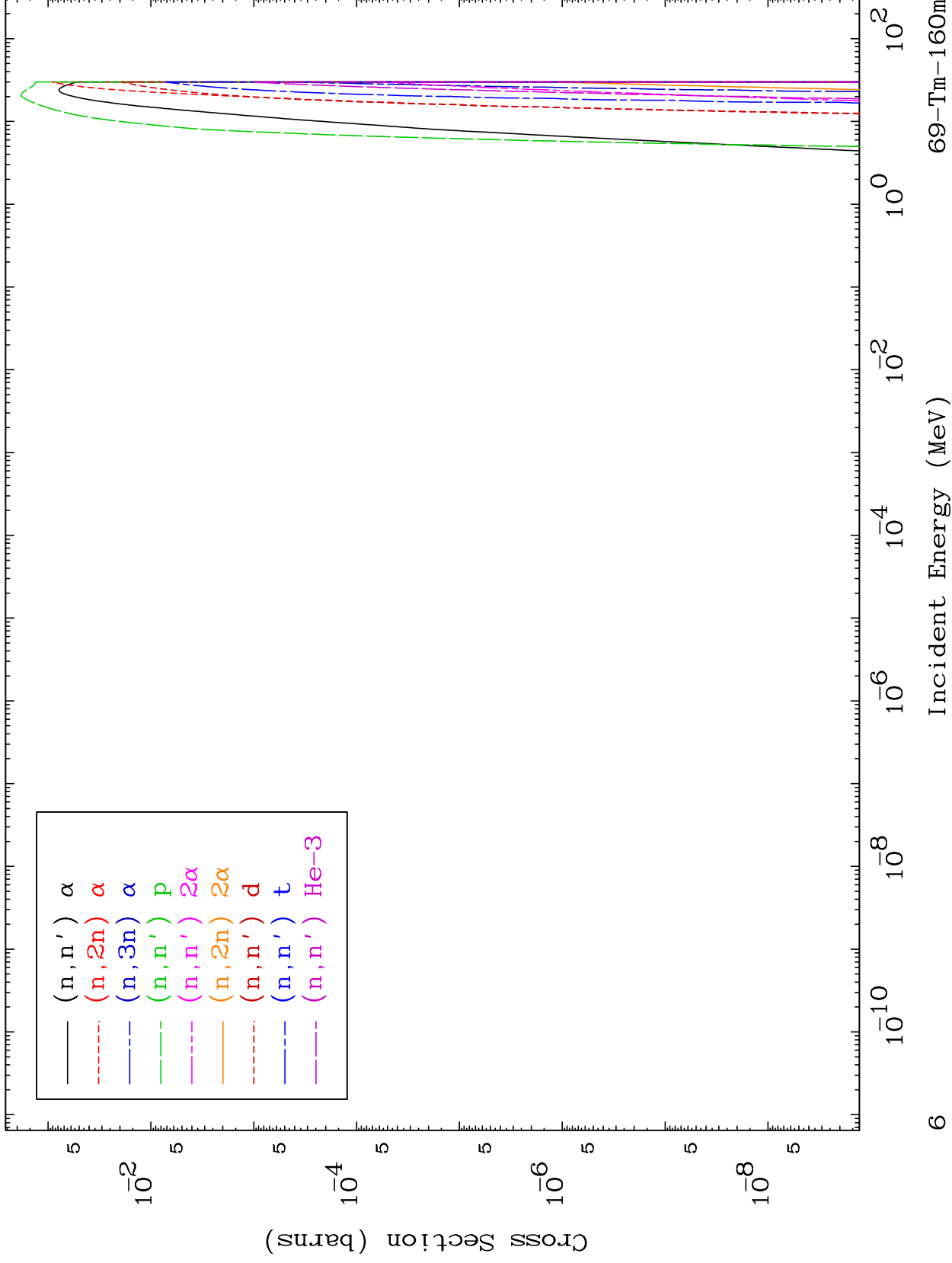
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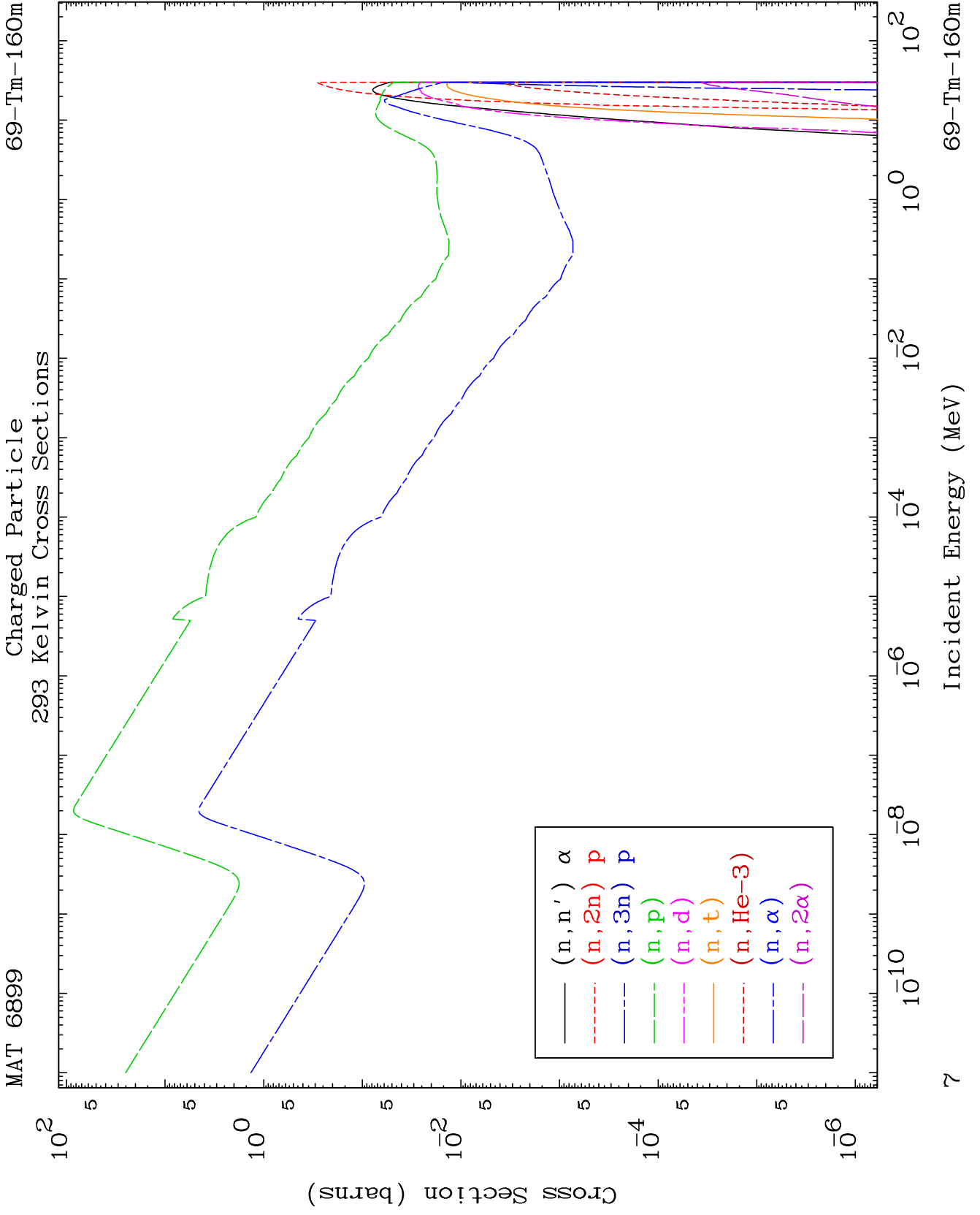


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Charged Particle
293 Kelvin Cross Sections

69-Tm-160m

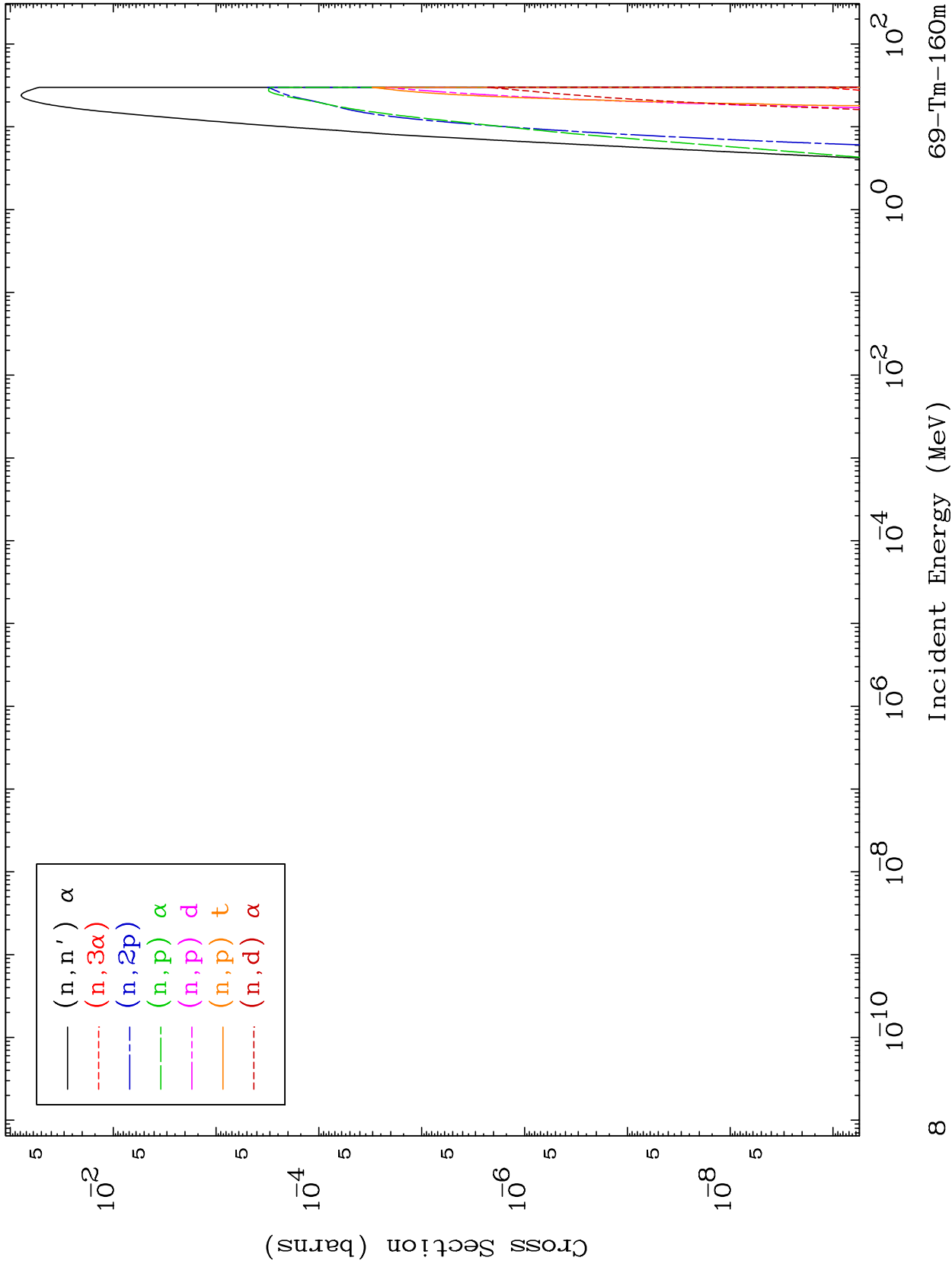


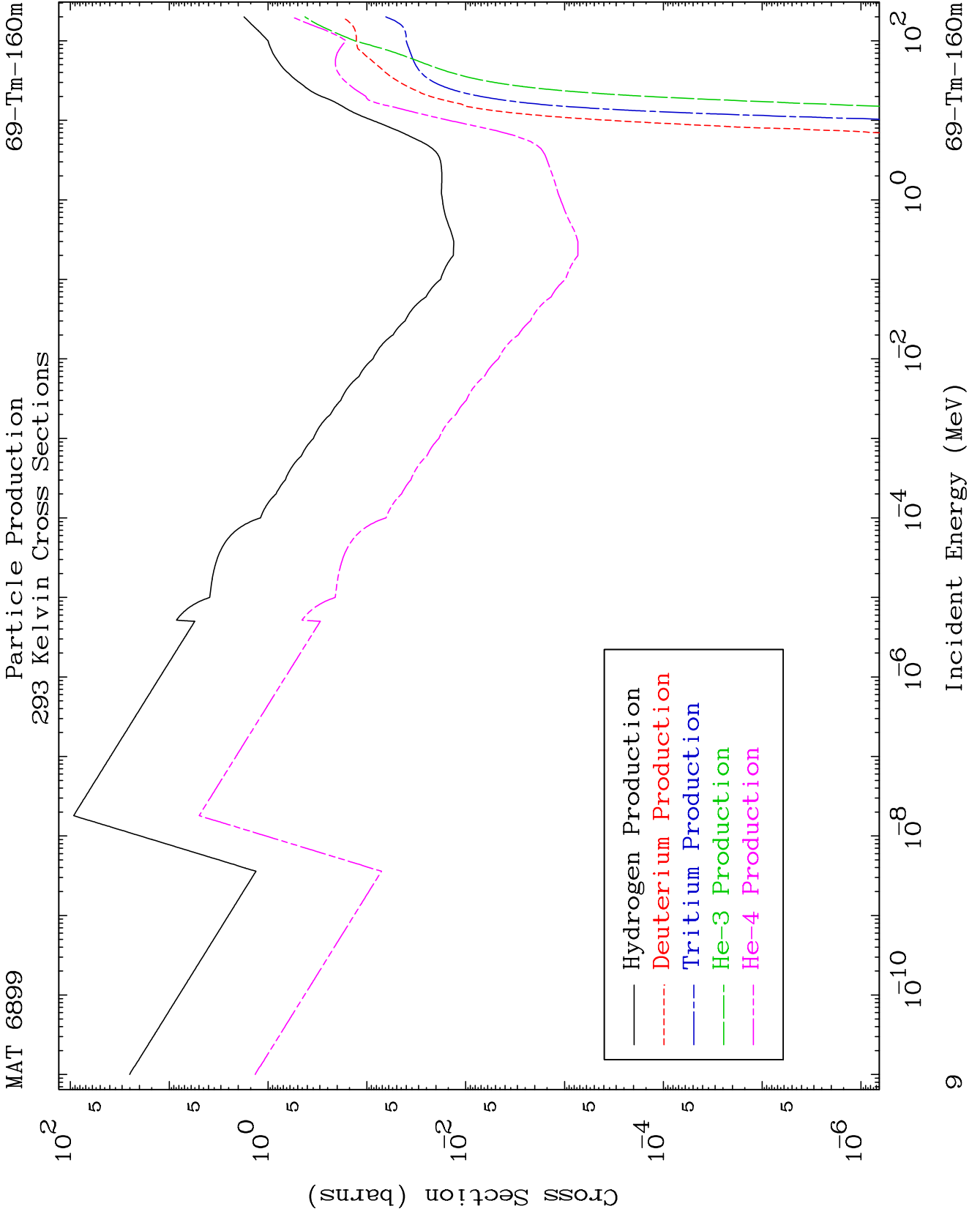


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Charged Particle
293 Kelvin Cross Sections

69-Tm-160m

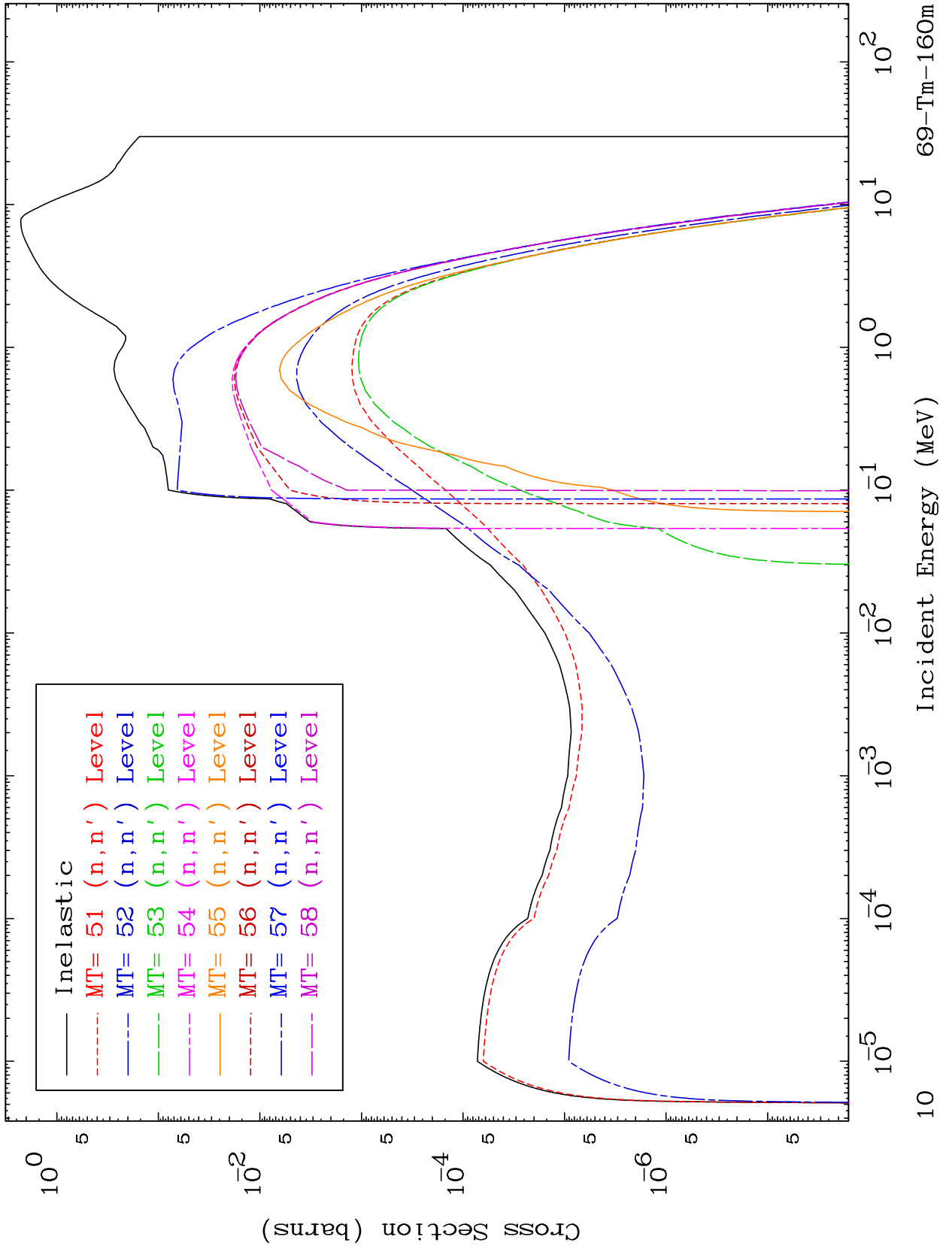




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293 Kelvin Cross Sections
(n,n') Levels

69-Tm-160m



10

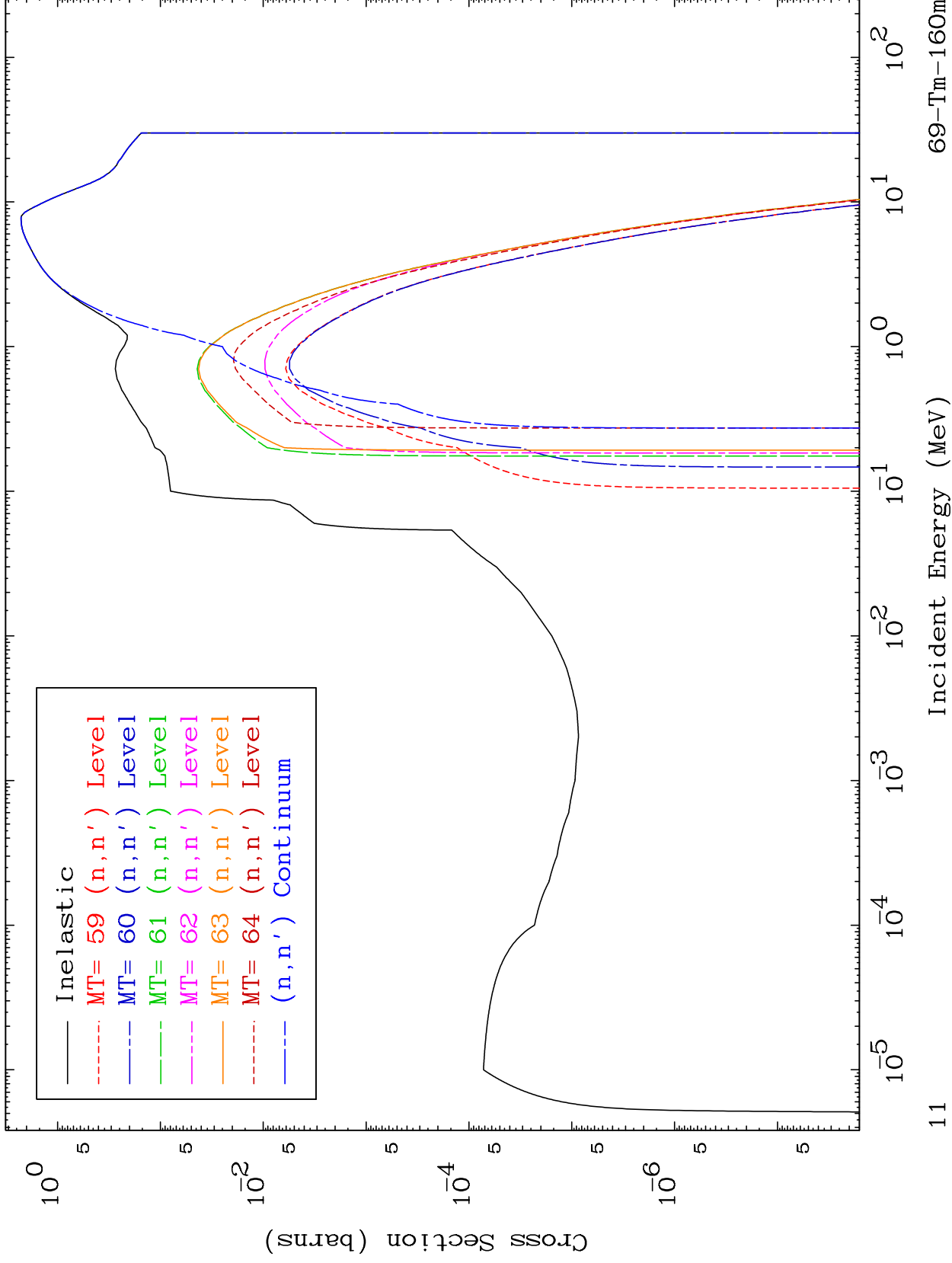
Incident Energy (MeV)

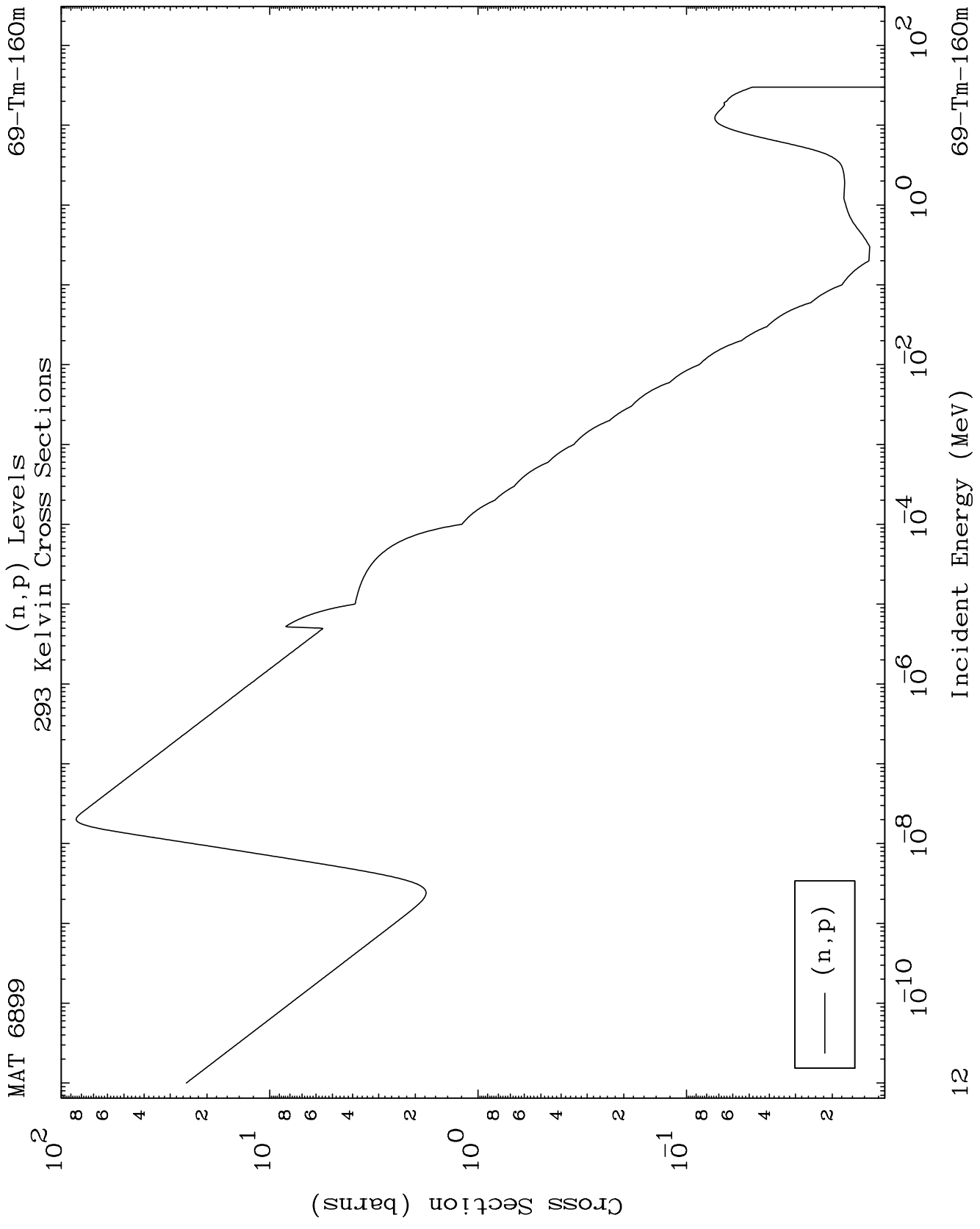
69-Tm-160m

MAT 6899

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-160m

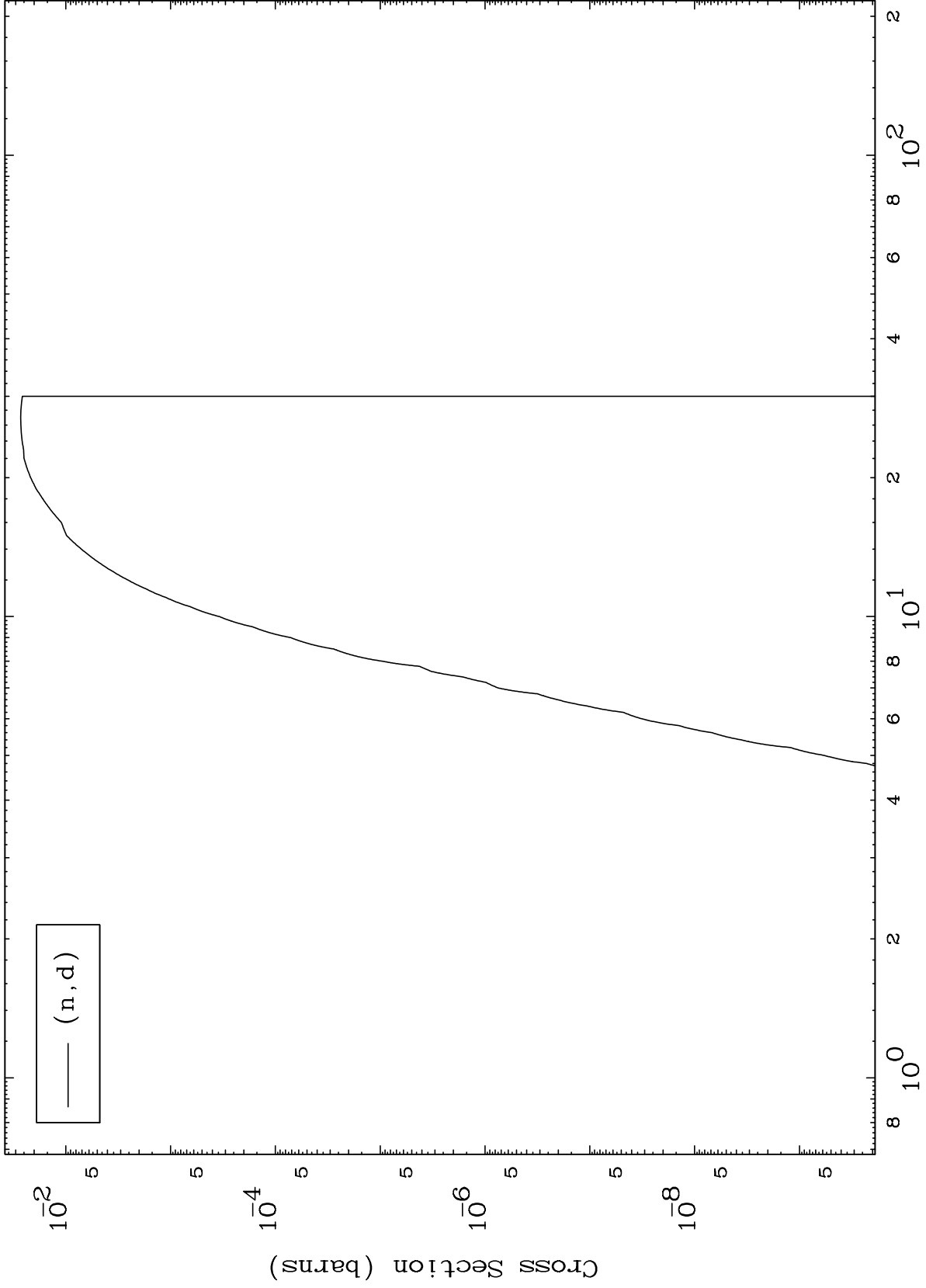




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(n,d) Levels
293 Kelvin Cross Sections

69-Tm-160m



13

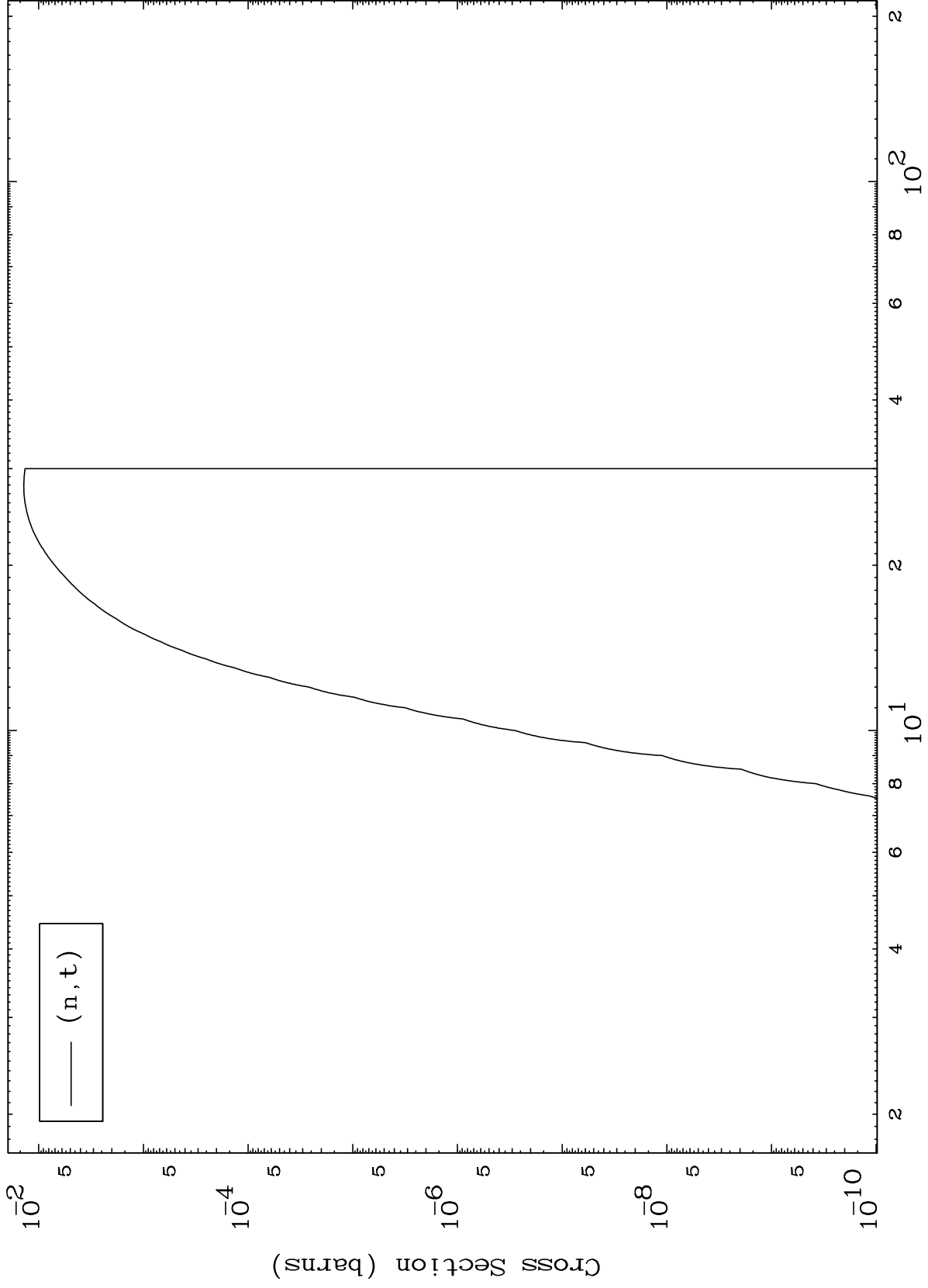
Incident Energy (MeV)

69-Tm-160m

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(n,t) Levels
293 Kelvin Cross Sections

69-Tm-160m



14

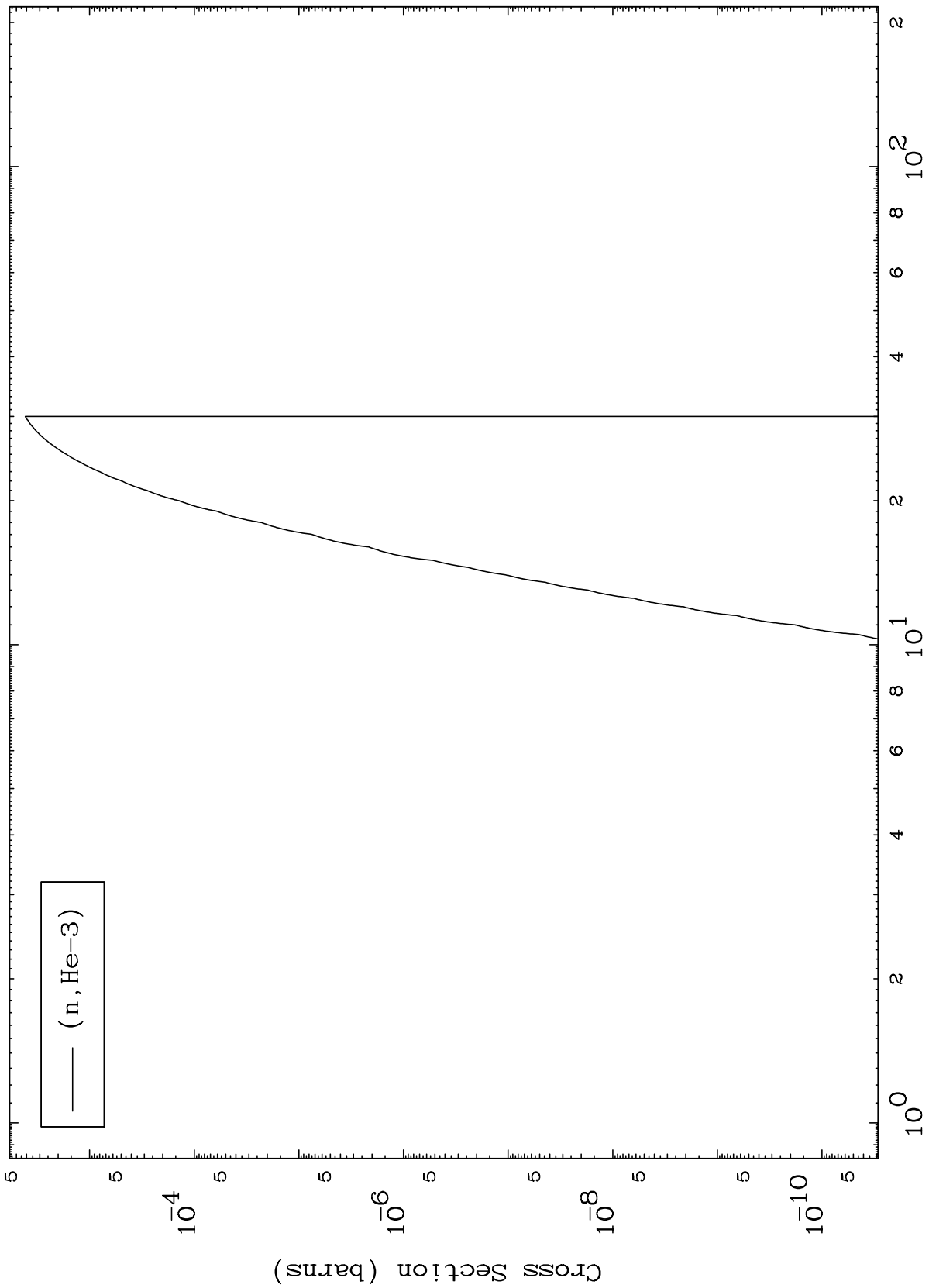
Incident Energy (MeV)

69-Tm-160m

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(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-160m



Incident Energy (MeV)

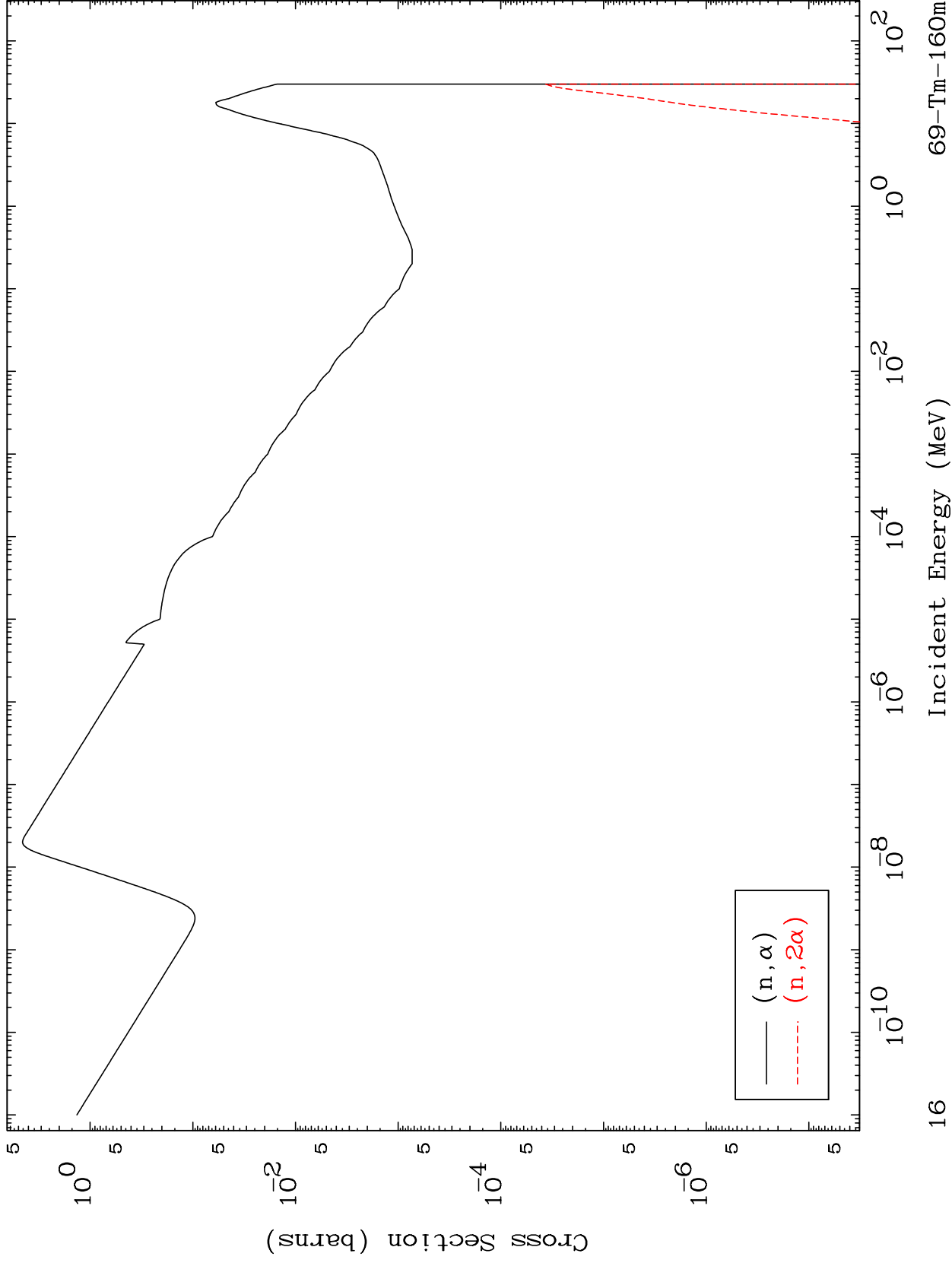
69-Tm-160m

15

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(n, α) Levels
293 Kelvin Cross Sections

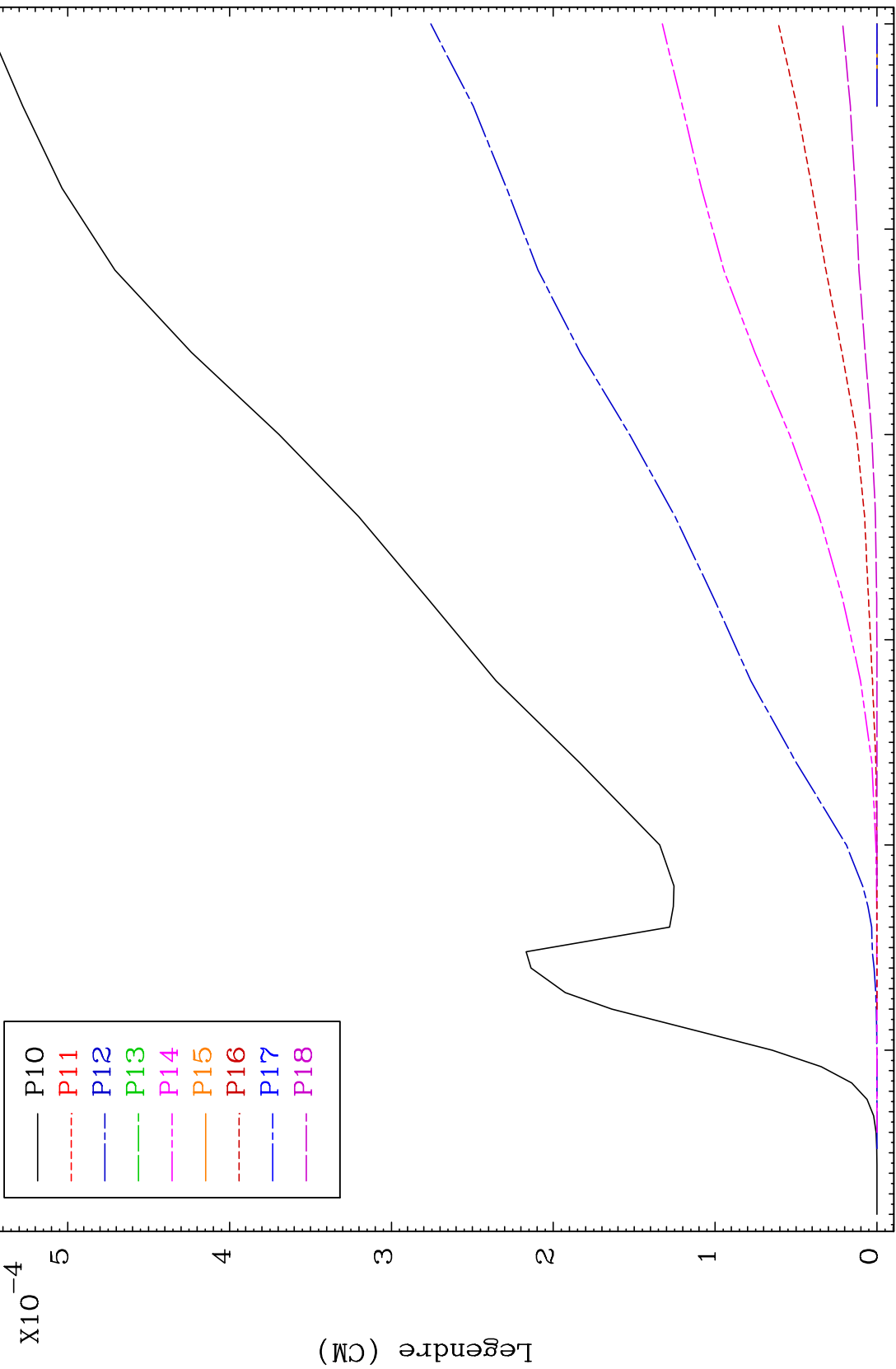
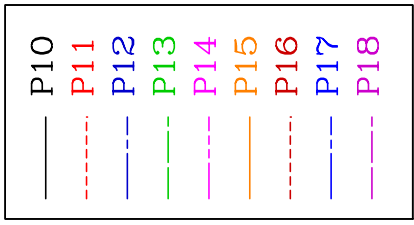
69-Tm-160m



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Elastic Legendre Coefficients

69-Tm-160m



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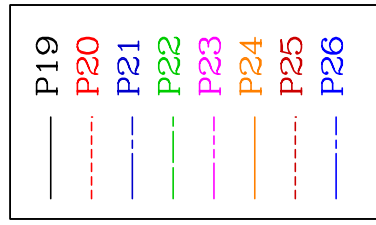
Incident Energy (MeV)

69-Tm-160m

MAT 6899

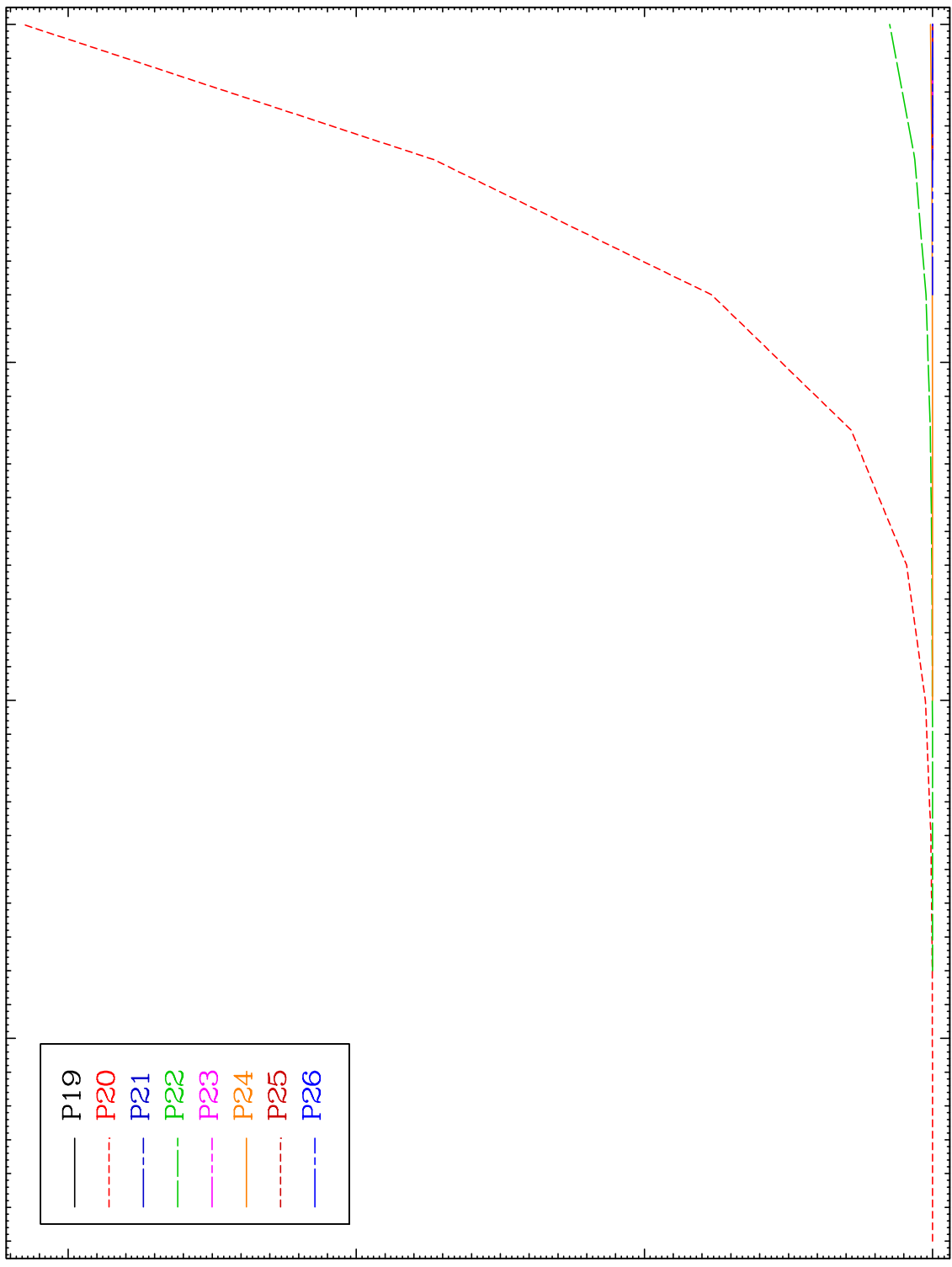
Elastic
Legendre Coefficients

69-Tm-160m



$\times 10^{-66}$

Legendre (CM)



19

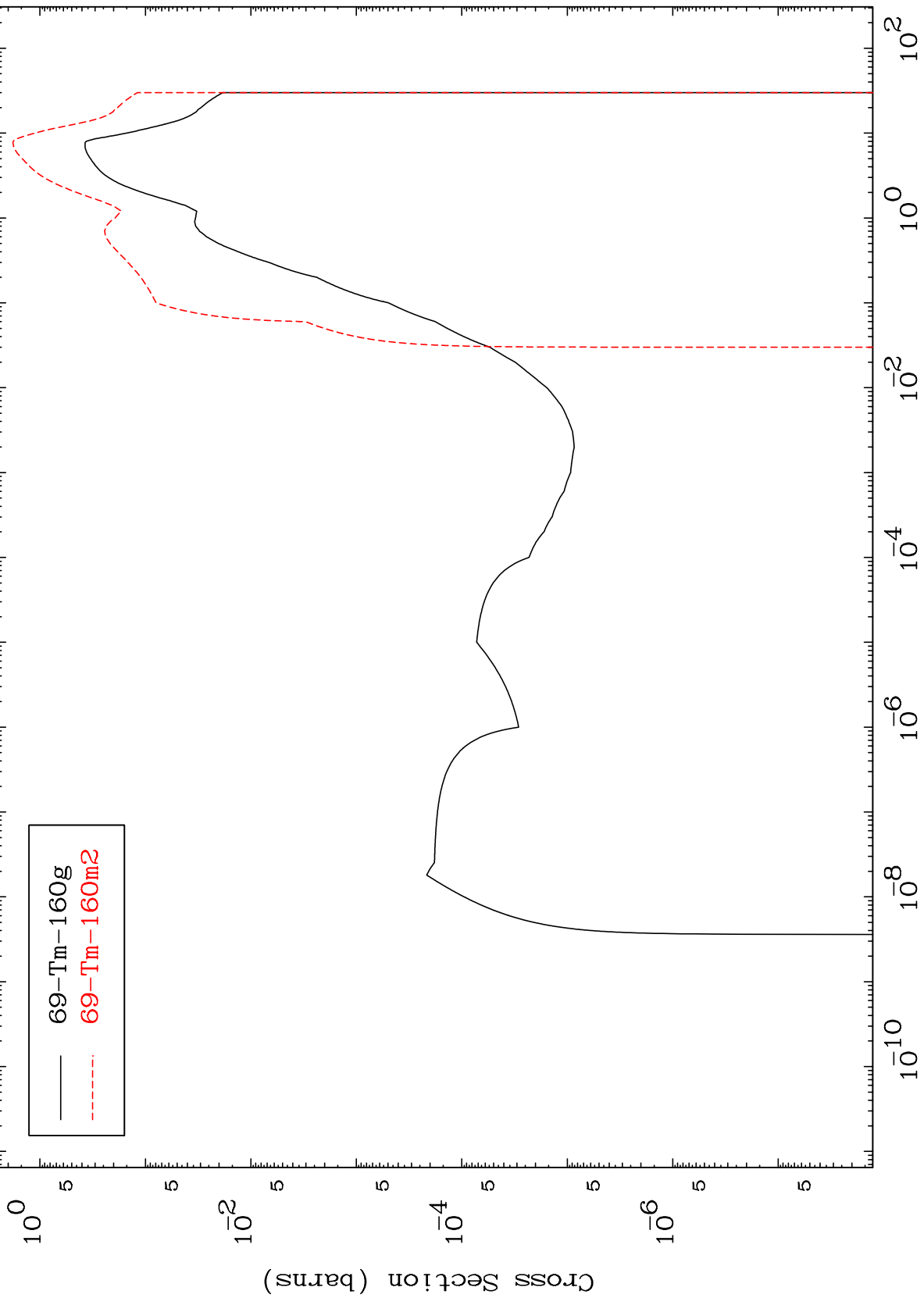
Incident Energy (MeV)

69-Tm-160m

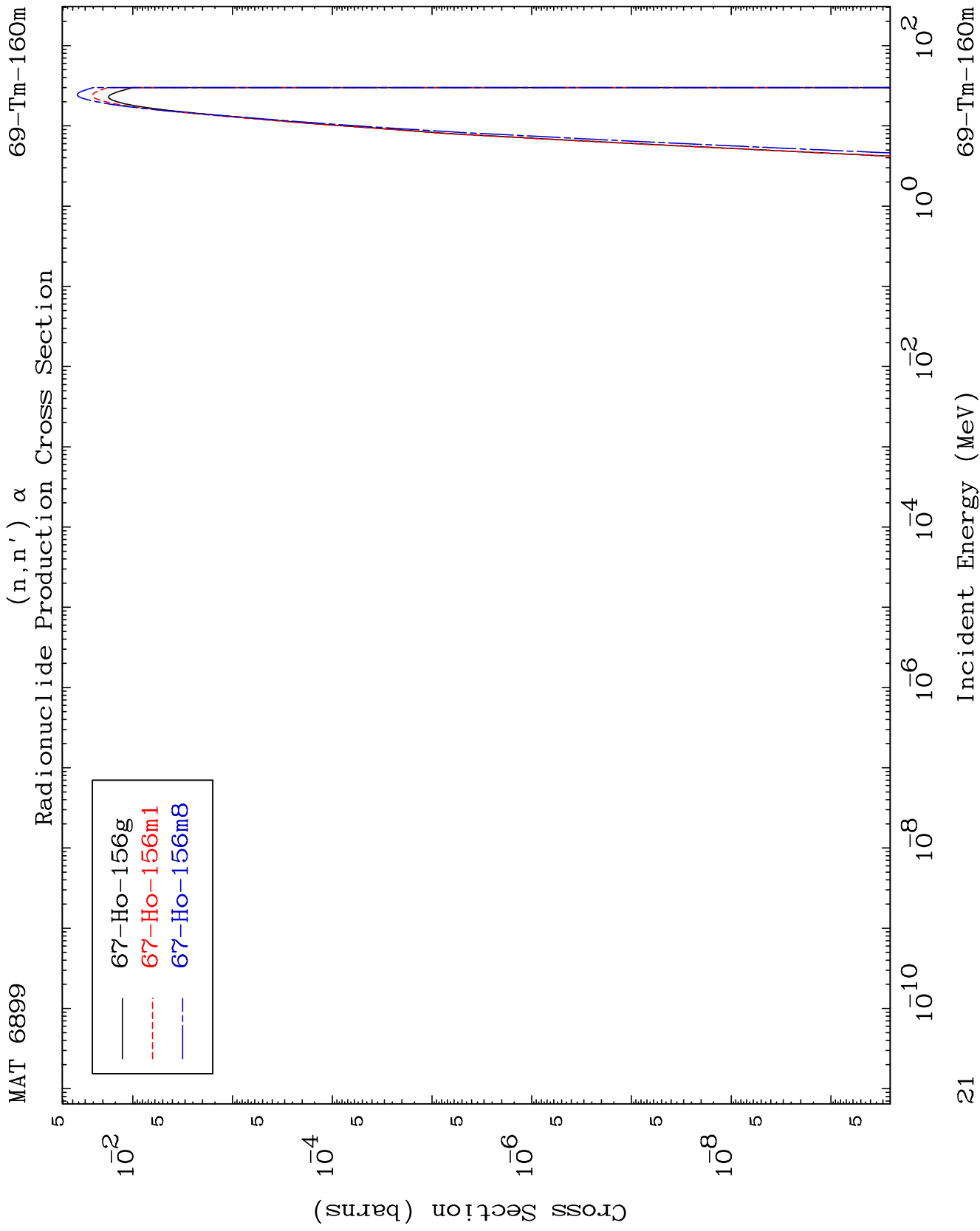
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69-Tm-160m

Inelastic
Radionuclide Production Cross Section



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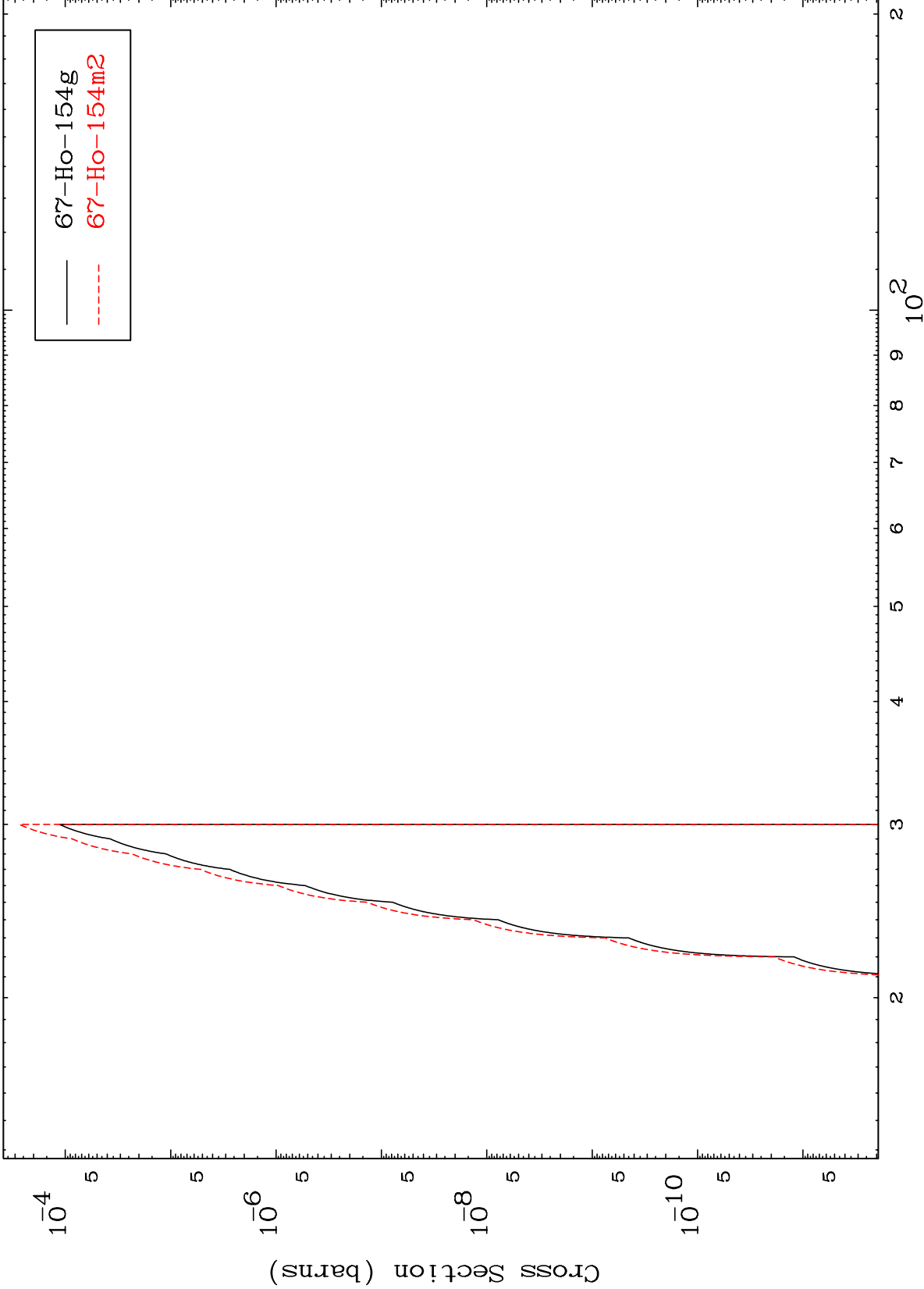


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(n,3n) α

69-Tm-160m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

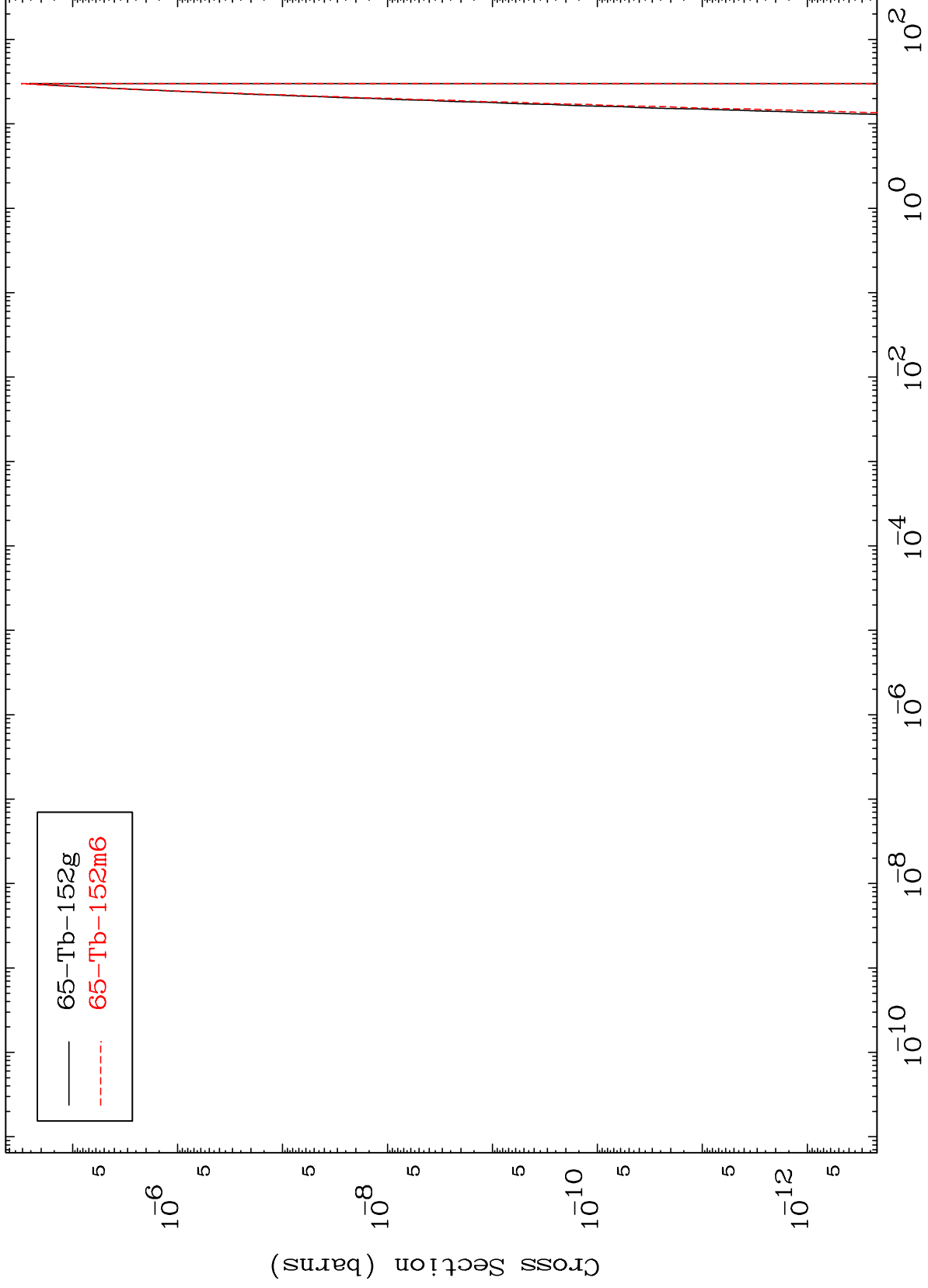
69-Tm-160m

MAT 6899

(n,n') 2α

69-Tm-160m

Radionuclide Production Cross Section

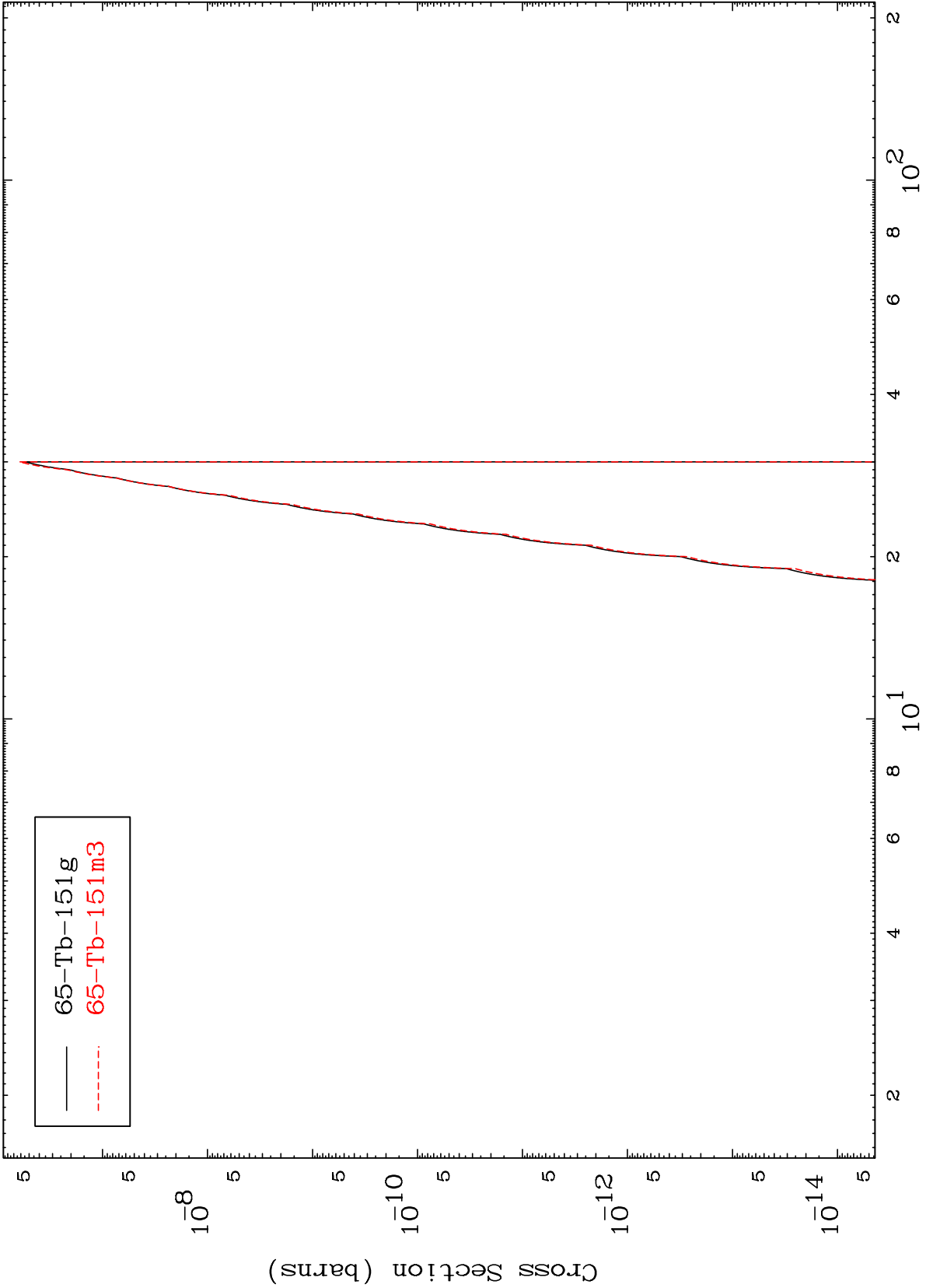


MAT 6899

(n,2n) 2α

69-Tm-160m

Radionuclide Production Cross Section



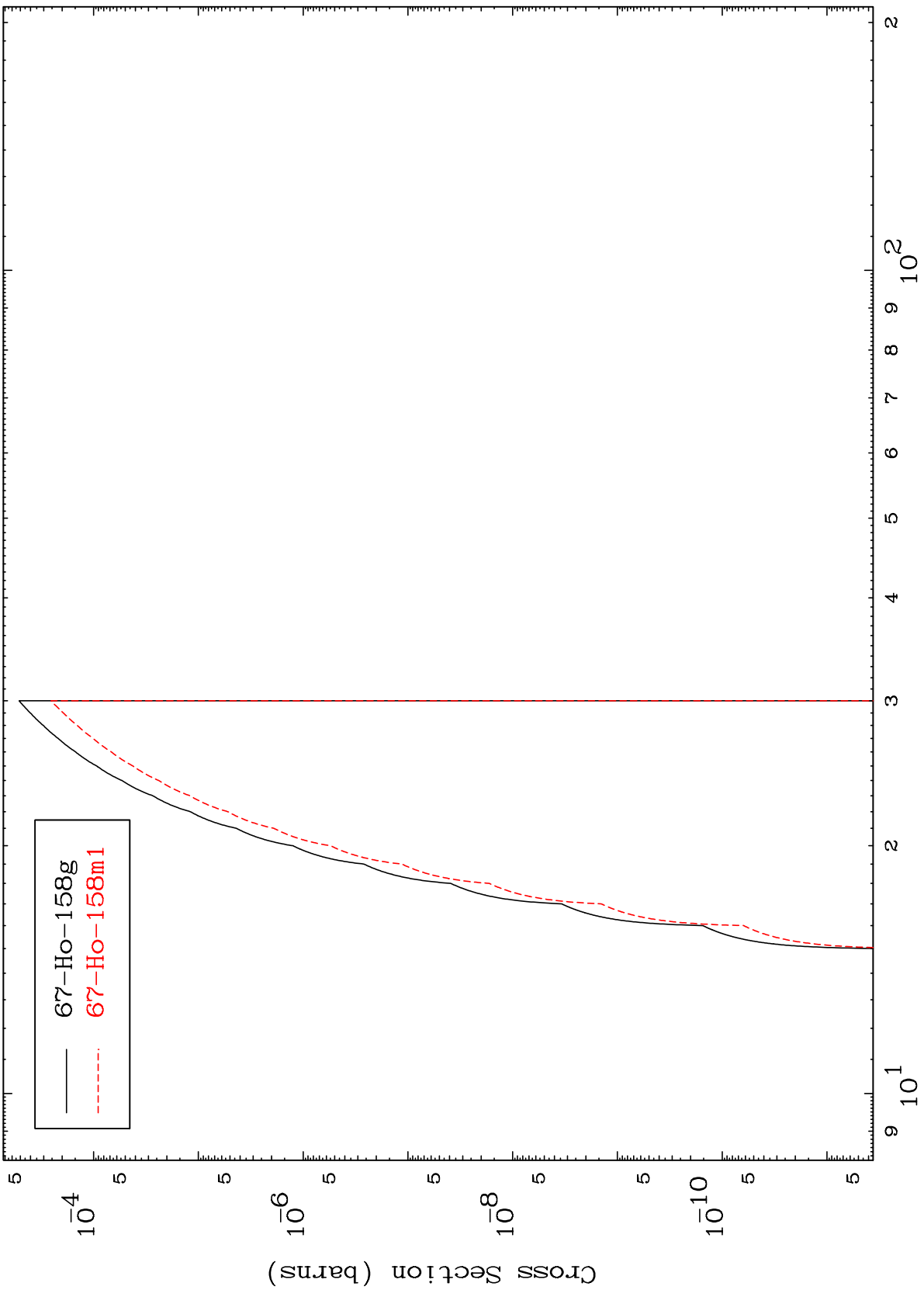
65-Tb-151g
65-Tb-151m3

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(n,2n) p

69-Tm-160m

Radionuclide Production Cross Section



67-Ho-158g
67-Ho-158m1

25

Incident Energy (MeV)

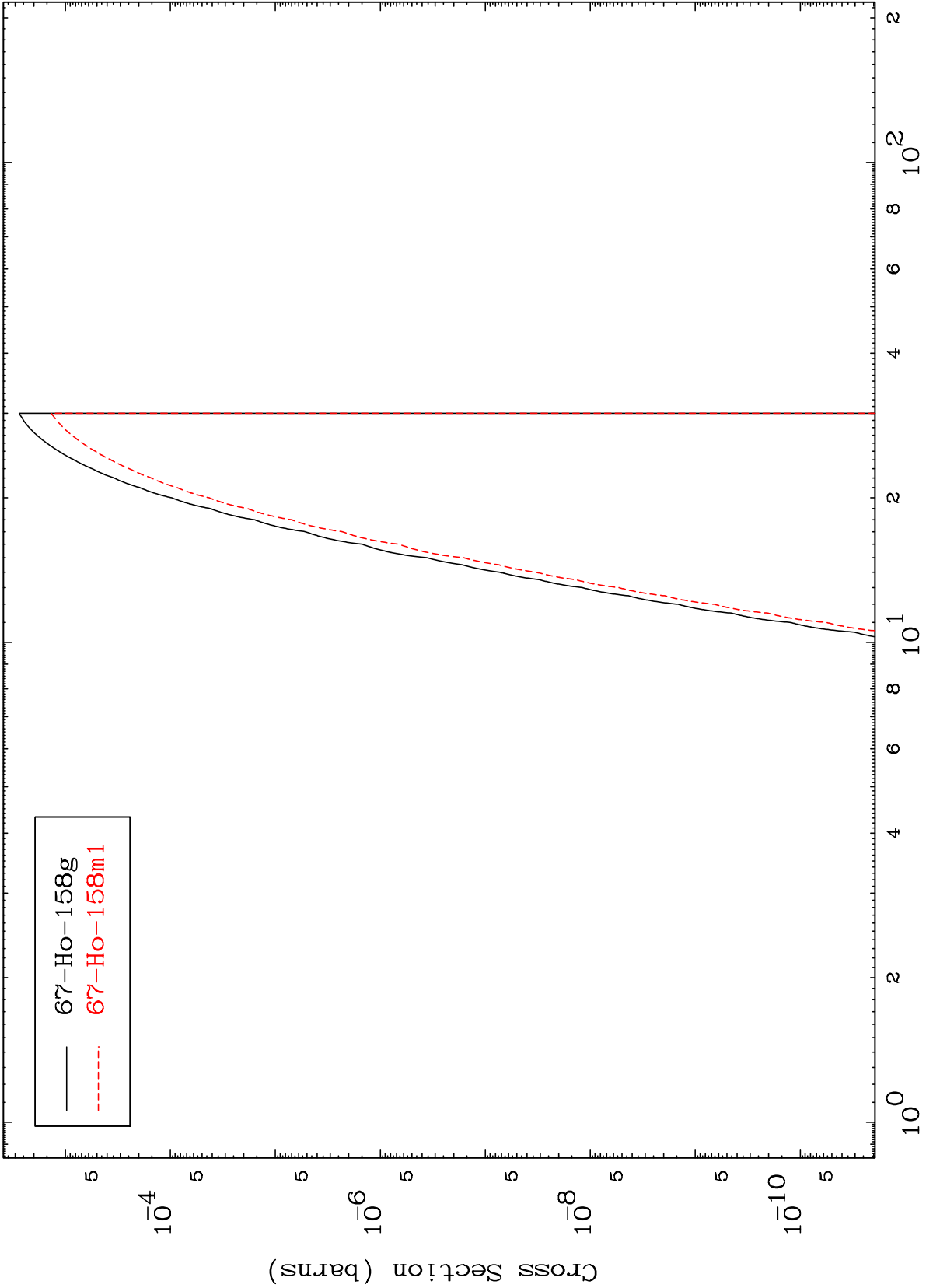
69-Tm-160m

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(n,He-3)

69-Tm-160m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

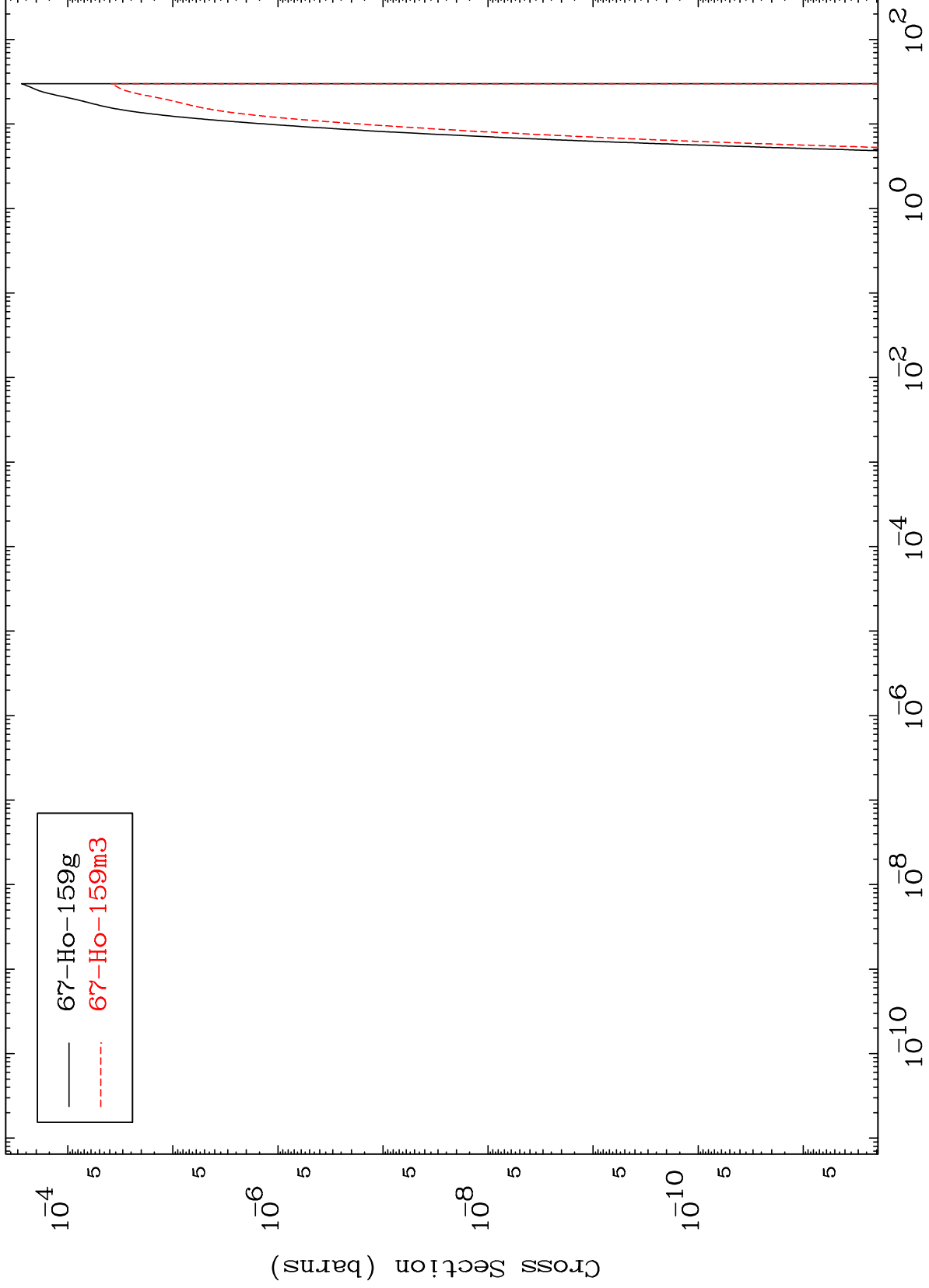
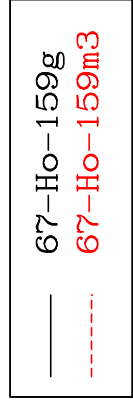
69-Tm-160m

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(n,2p)

69-Tm-160m

Radionuclide Production Cross Section

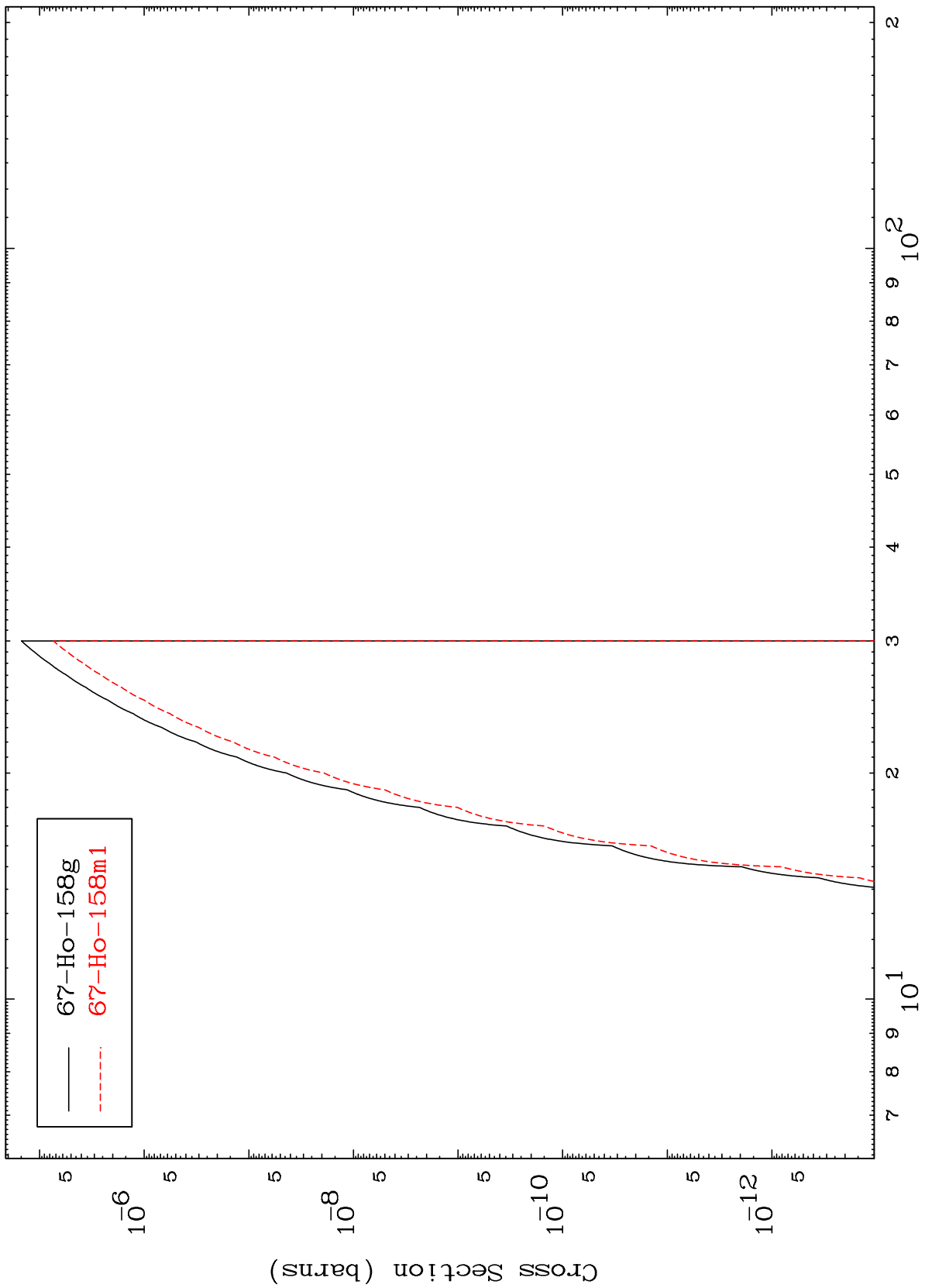


MAT 6899

(n,p) d

69-Tm-160m

Radionuclide Production Cross Section



67-Ho-158g
67-Ho-158m1

28

Incident Energy (MeV)

69-Tm-160m