

Program EVALPLOT
(Version 2018-1)

by

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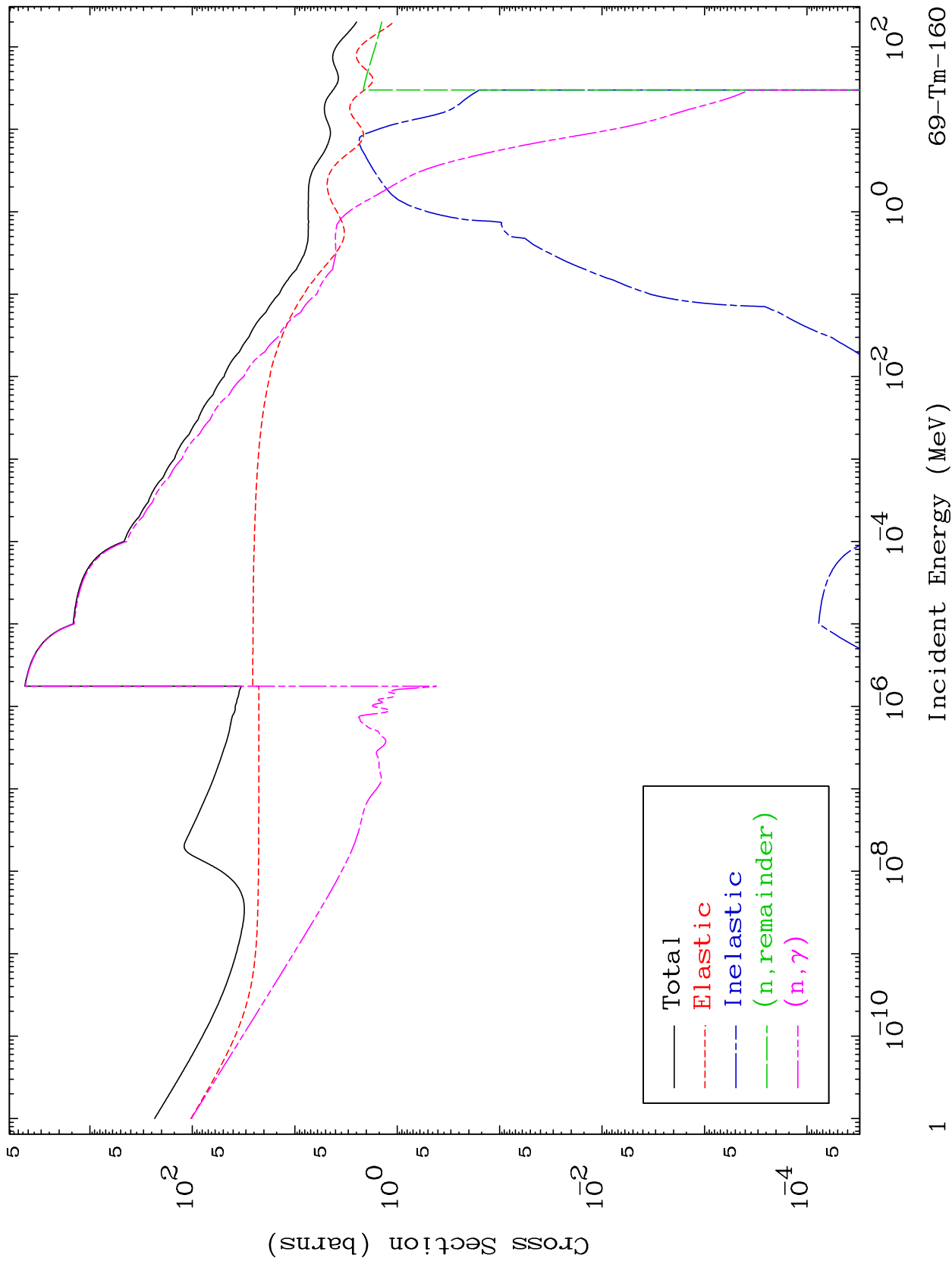
Press Mouse Button to Start

MAT 6899

Major

293 Kelvin Cross Sections

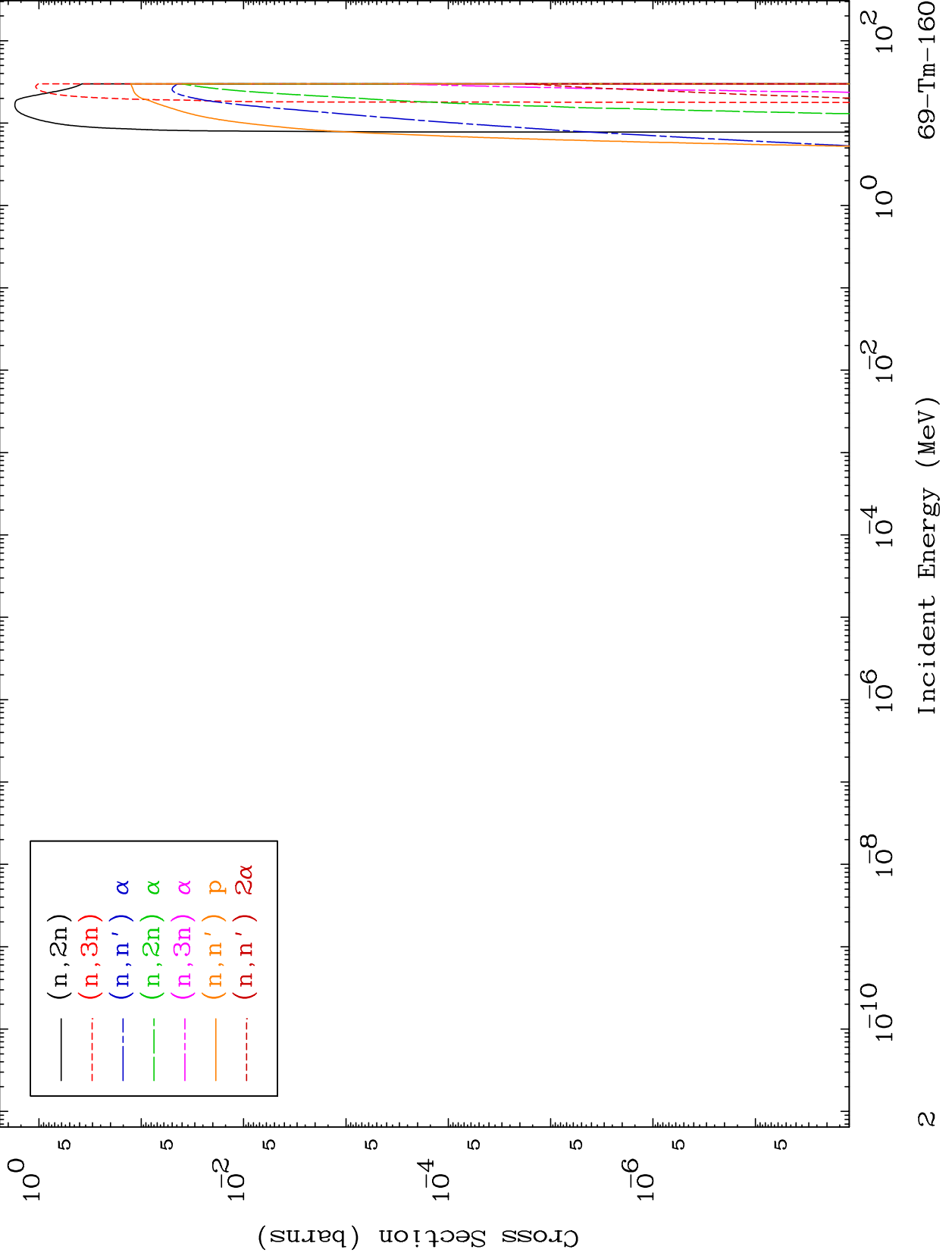
69-Tm-160

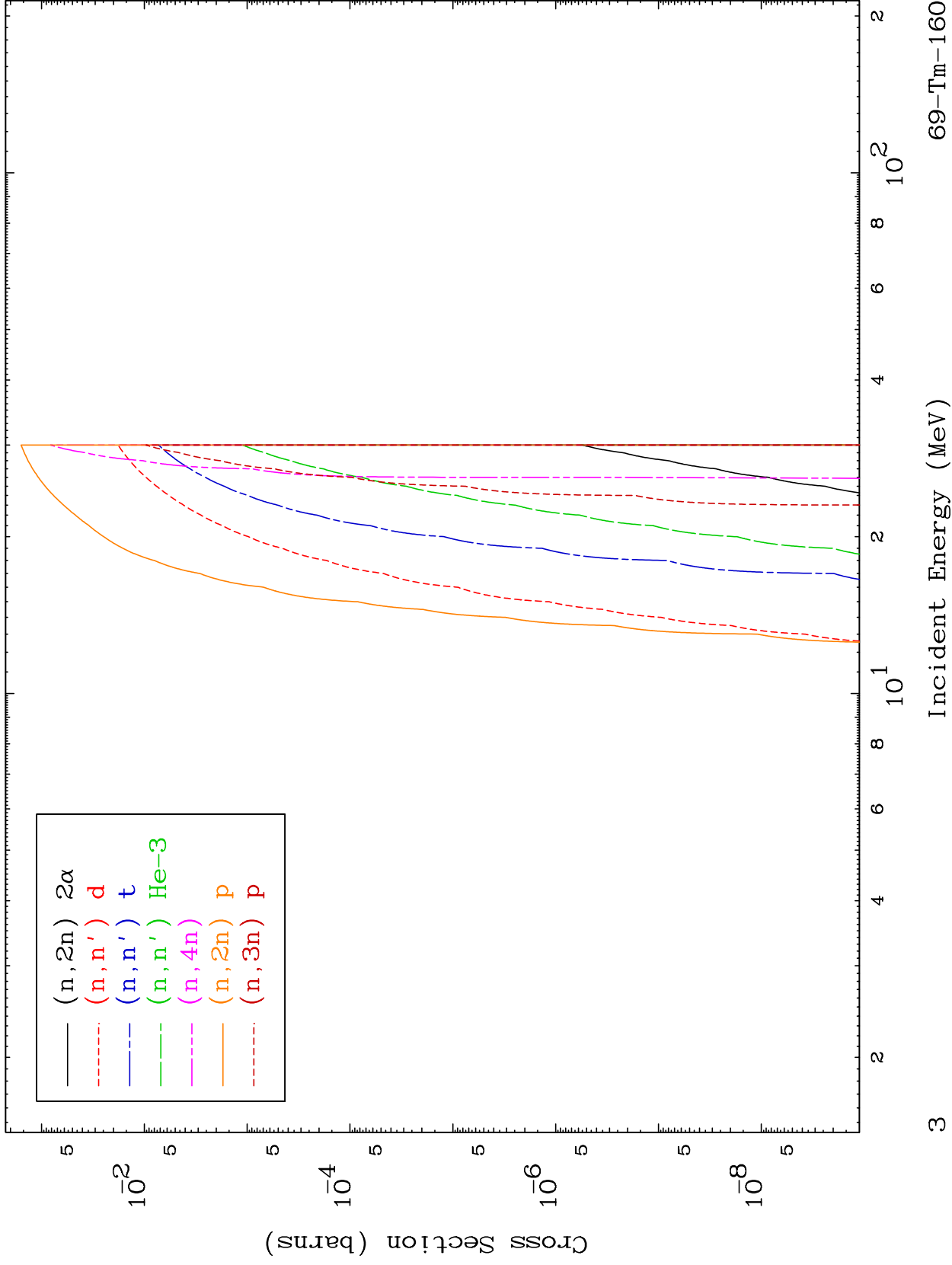


MAT 6899

Neutron Production
293 Kelvin Cross Sections

69-Tm-160

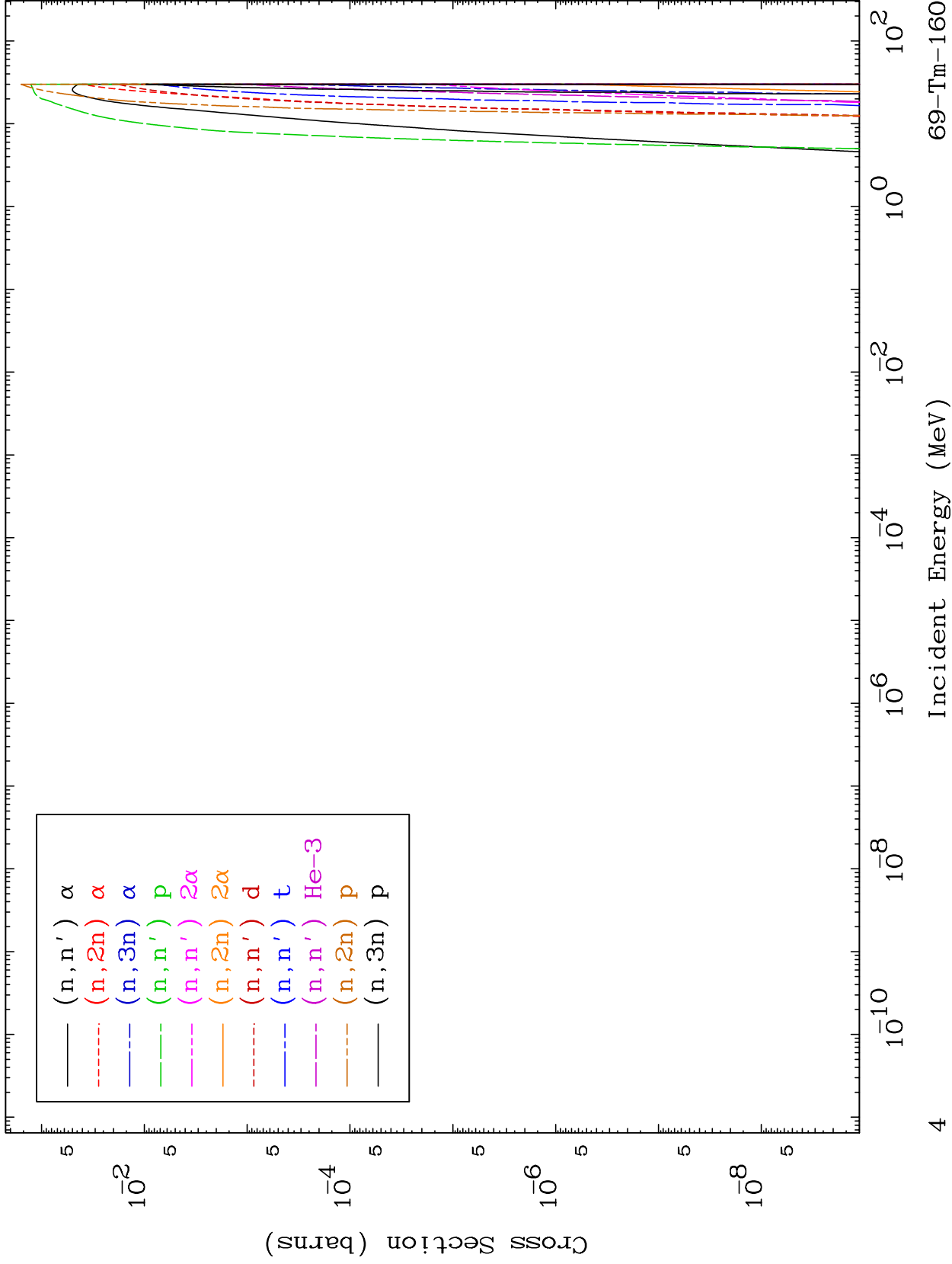




MAT 6899

Charged Particle
293 Kelvin Cross Sections

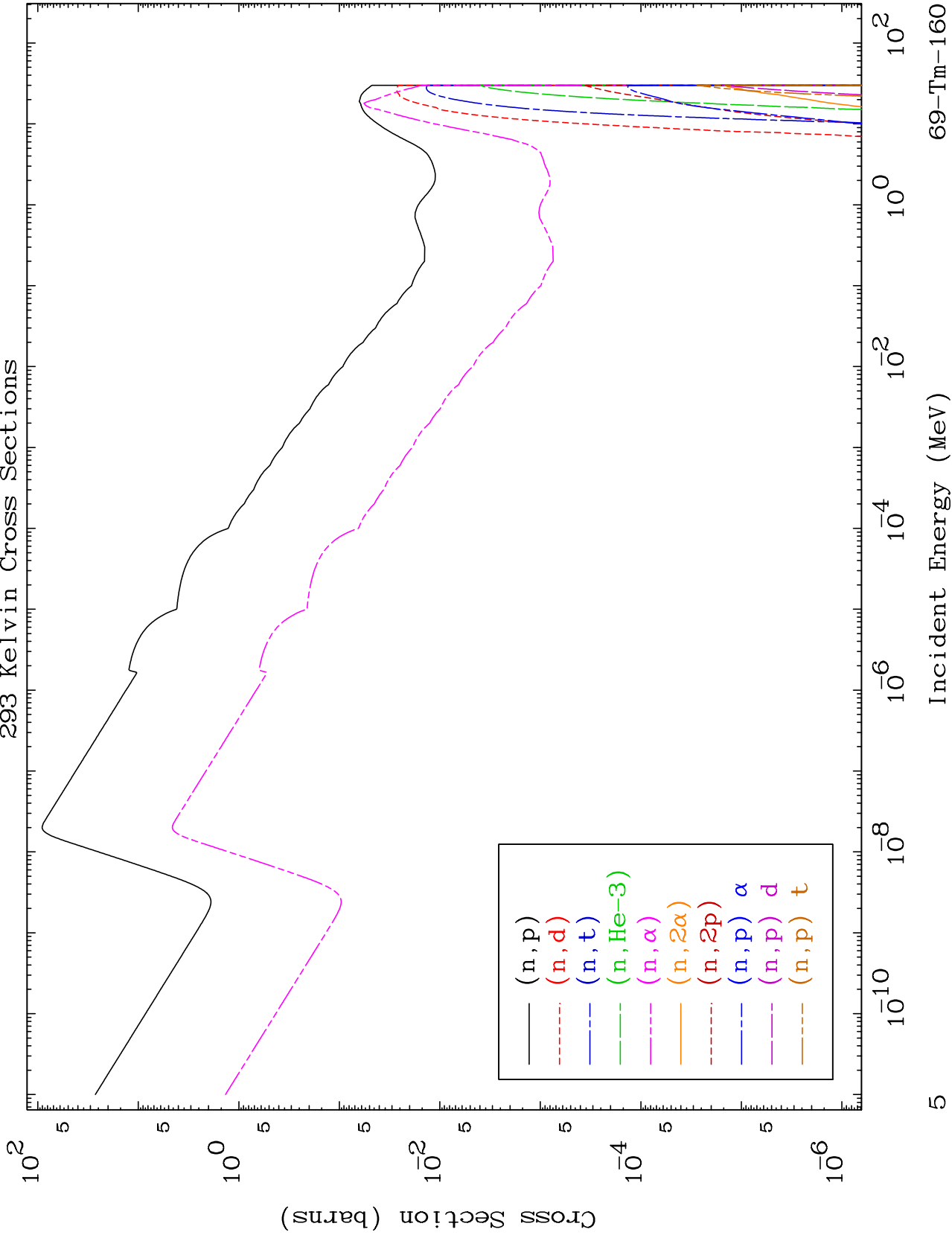
69-Tm-160



MAT 6899

Charged Particle
293 Kelvin Cross Sections

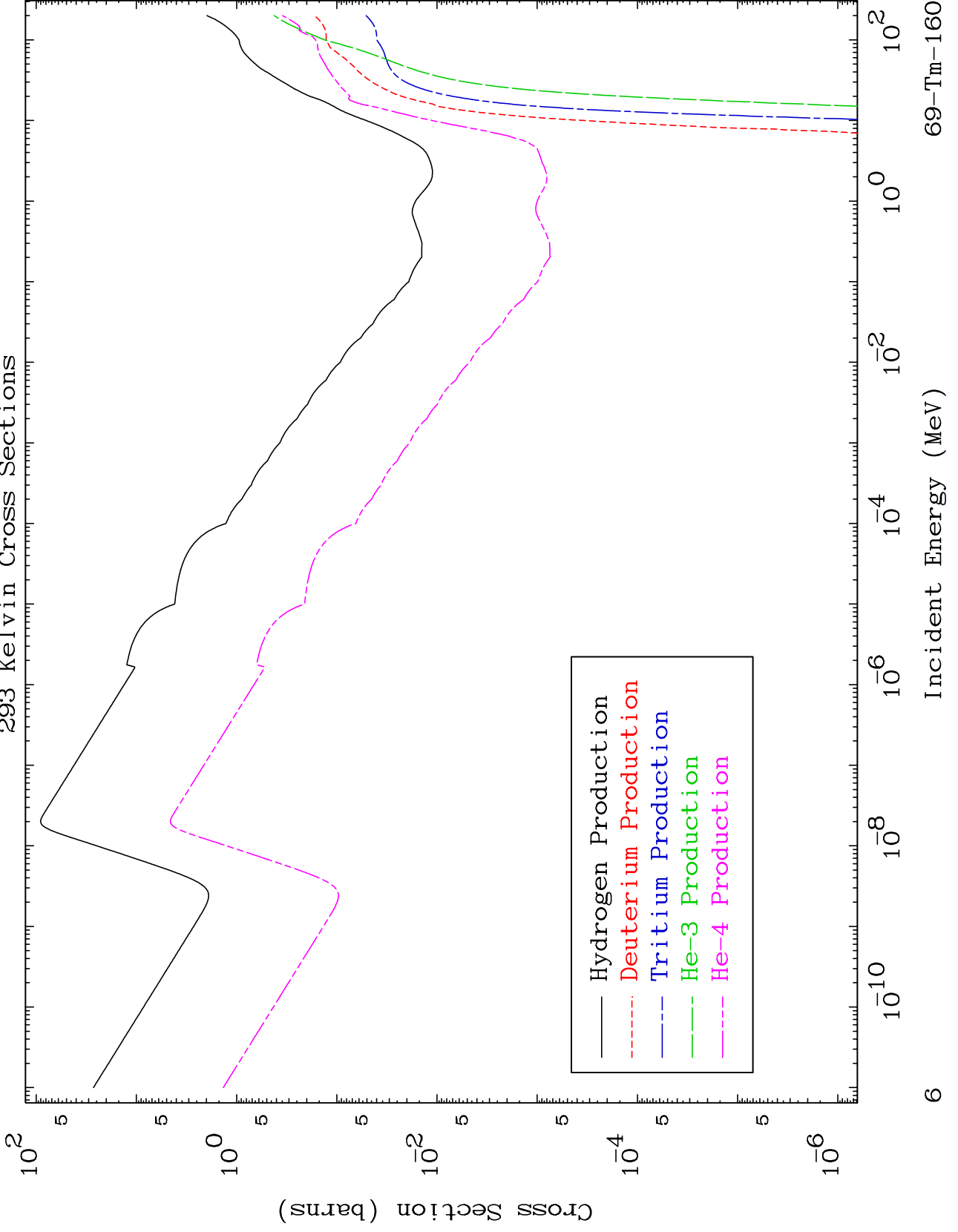
69-Tm-160



MAT 6899

Particle Production
293 Kelvin Cross Sections

69-Tm-160

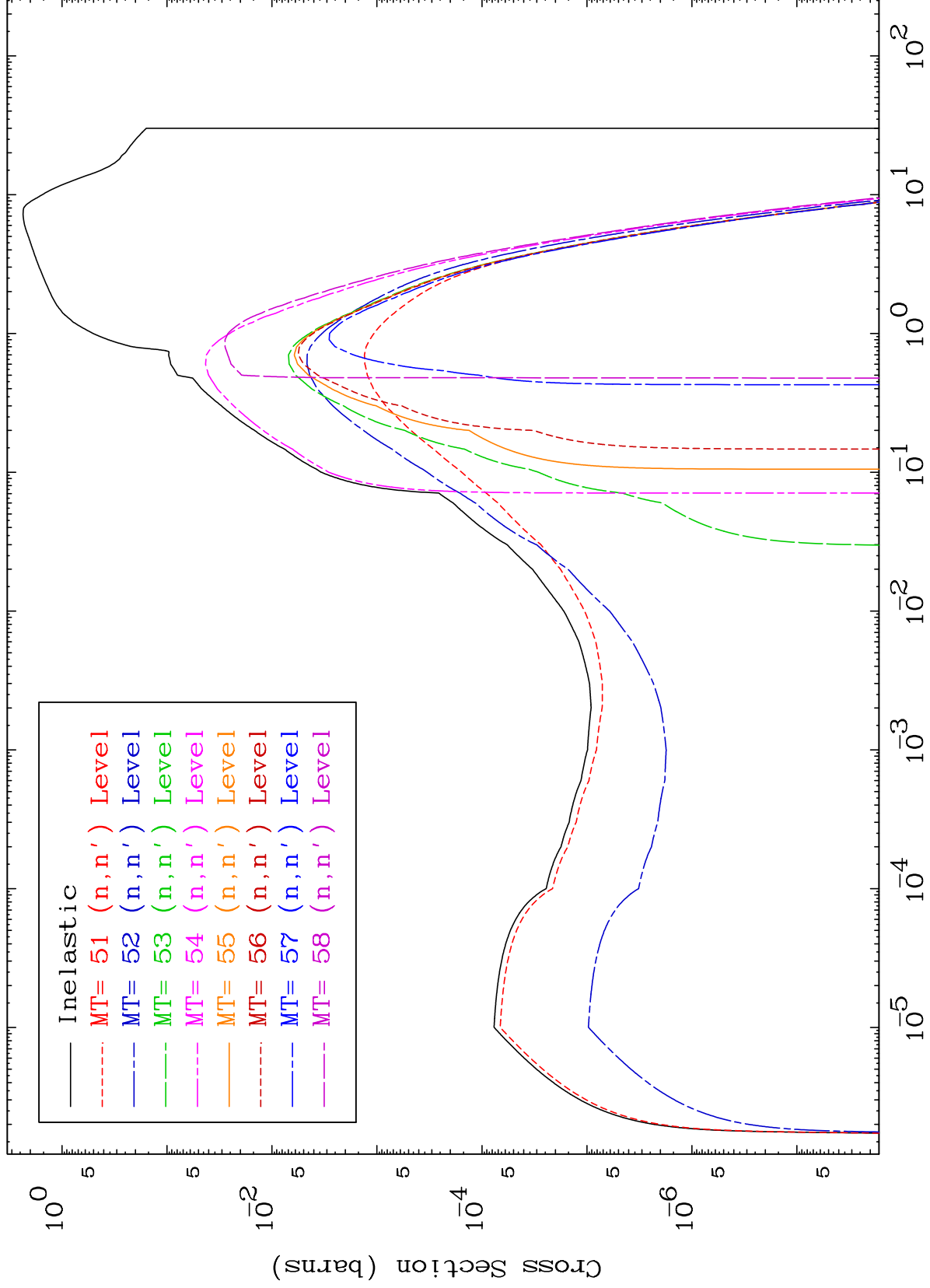


MAT 6899

(n,n') Level

69-Tm-160

293 Kelvin Cross Sections

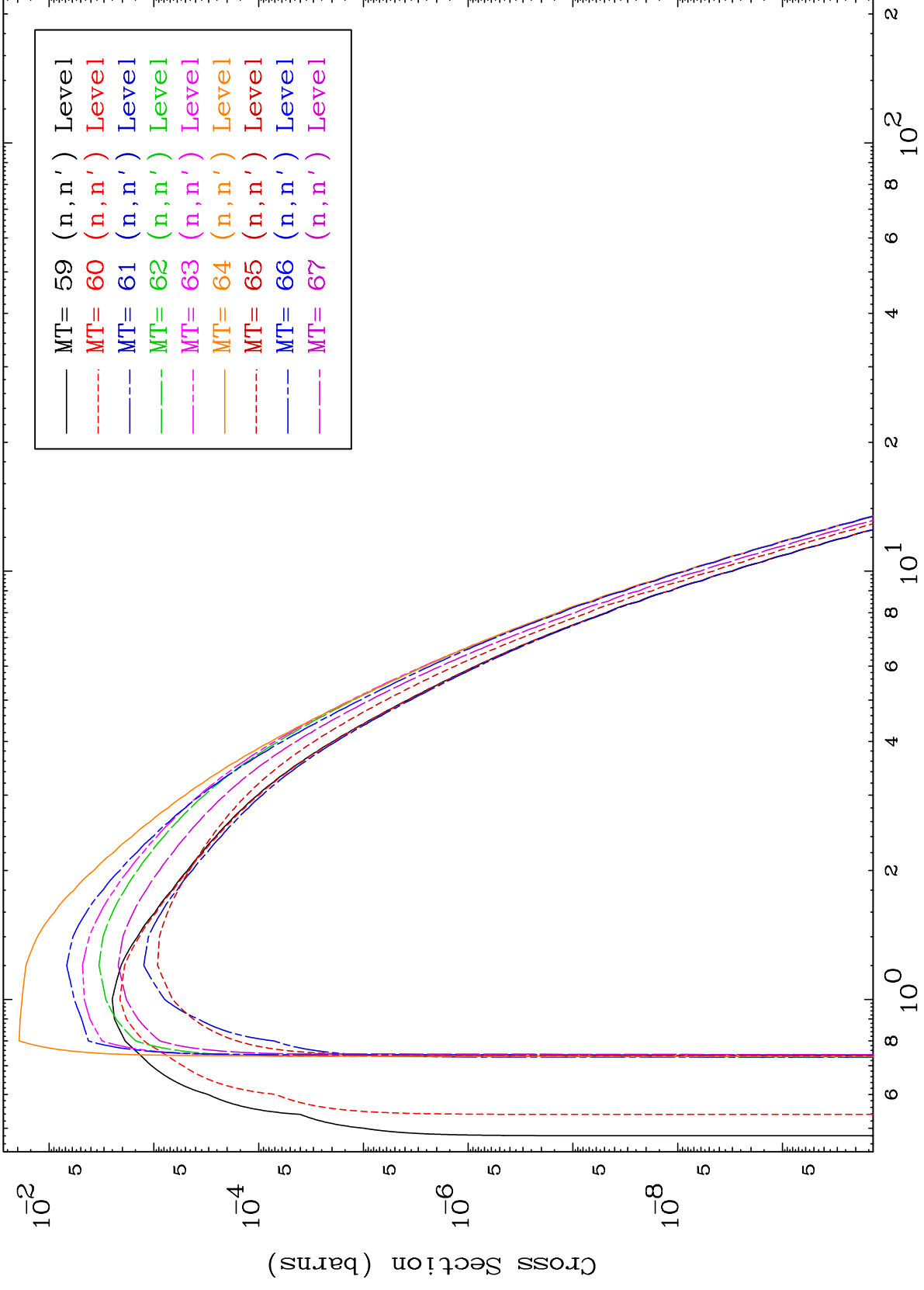


MAT 6899

(n,n') Level

69-Tm-160

293 Kelvin Cross Sections



8

Incident Energy (MeV)

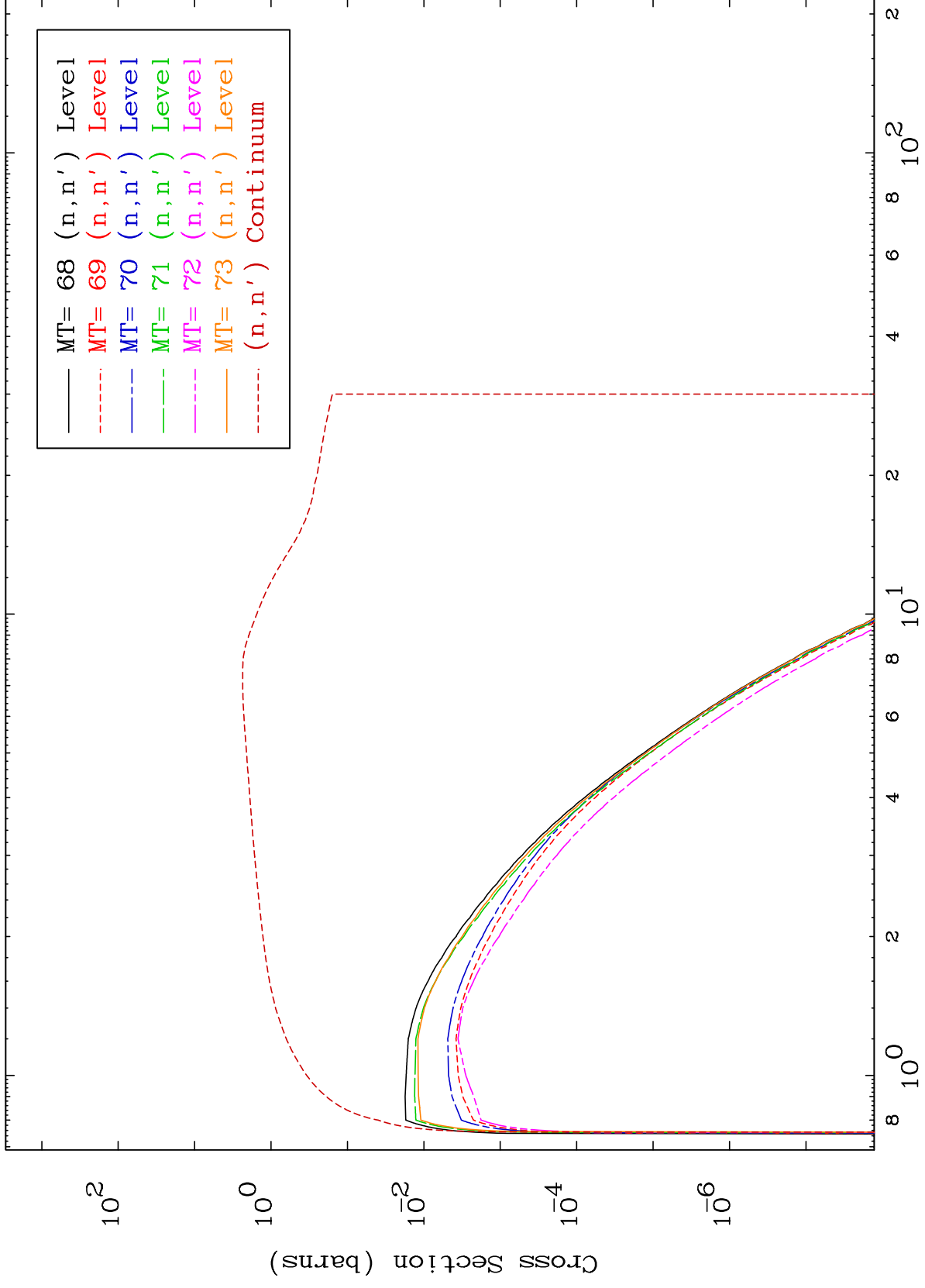
69-Tm-160

MAT 6899

(n,n') Level

69-Tm-160

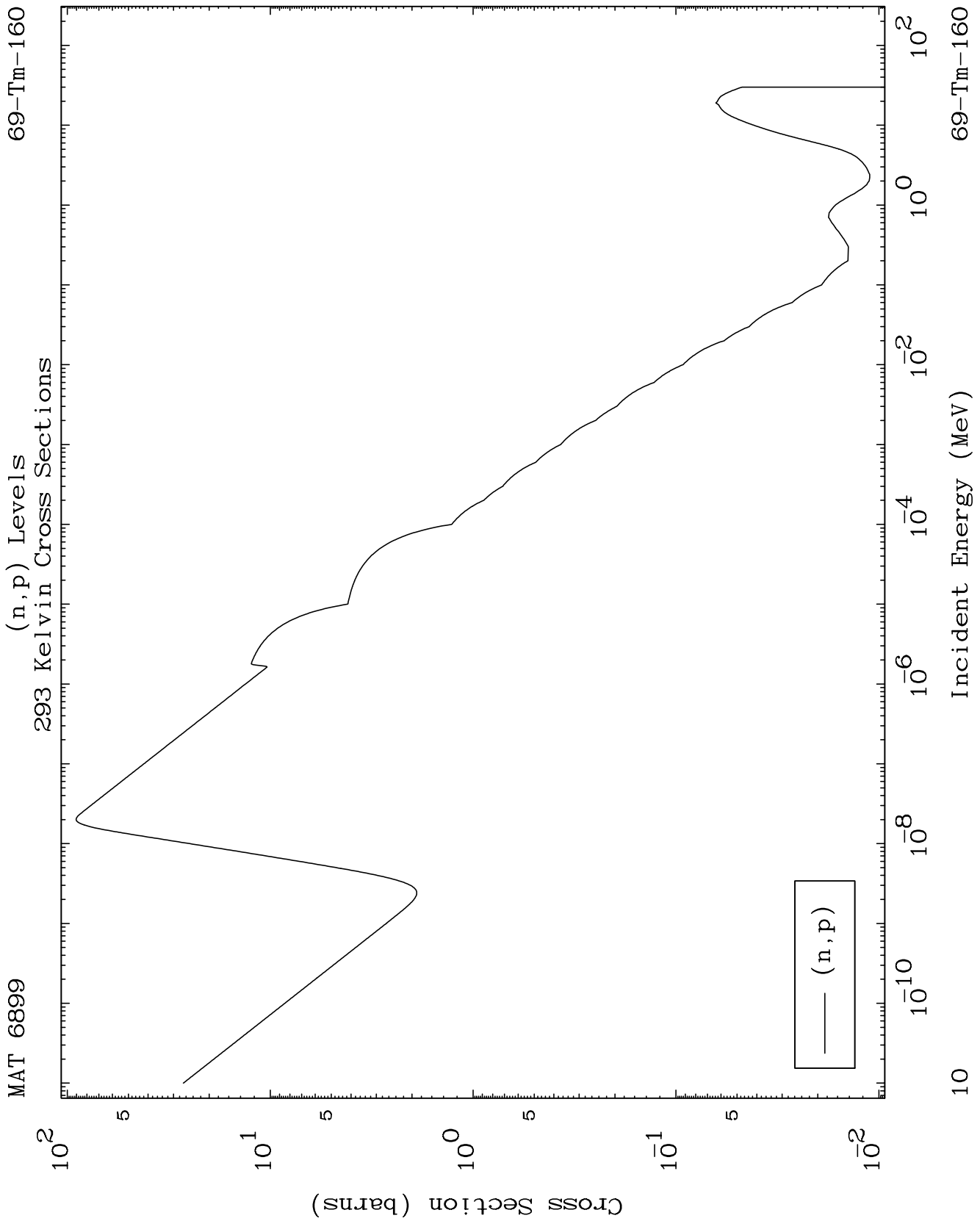
293 Kelvin Cross Sections



9

Incident Energy (MeV)

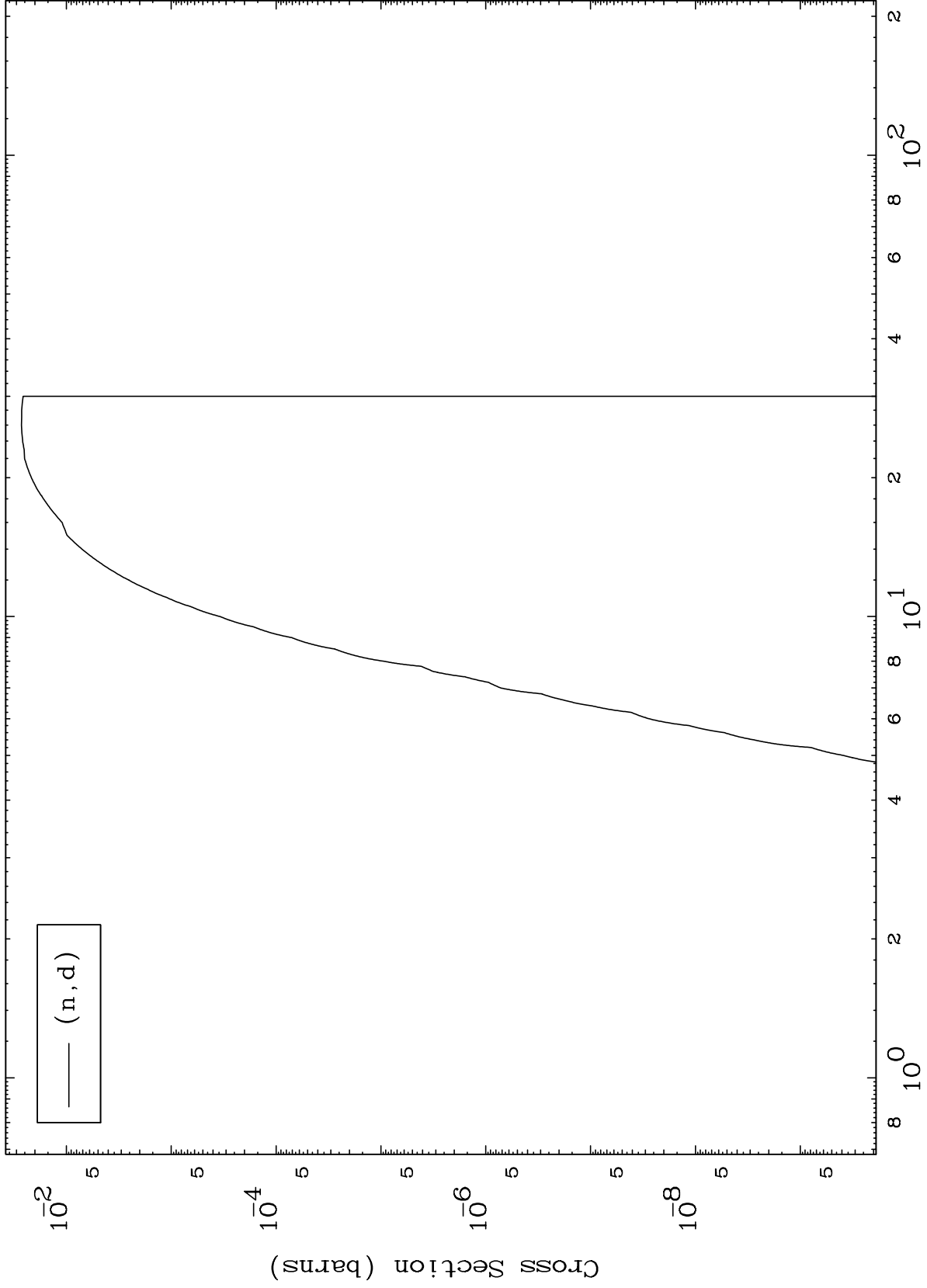
69-Tm-160



MAT 6899

(n,d) Levels
293 Kelvin Cross Sections

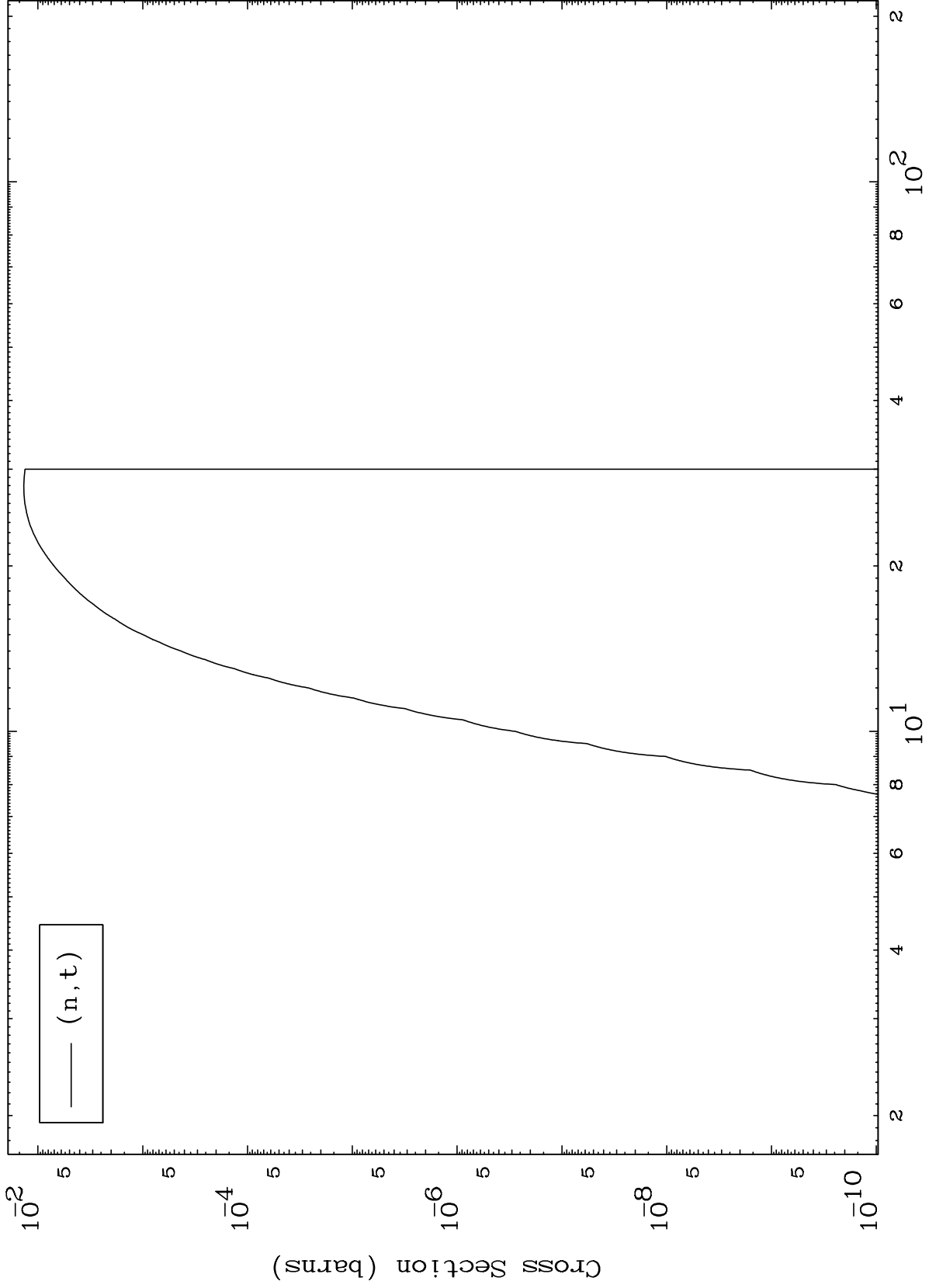
69-Tm-160



MAT 6899

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-160



(n,t)

12

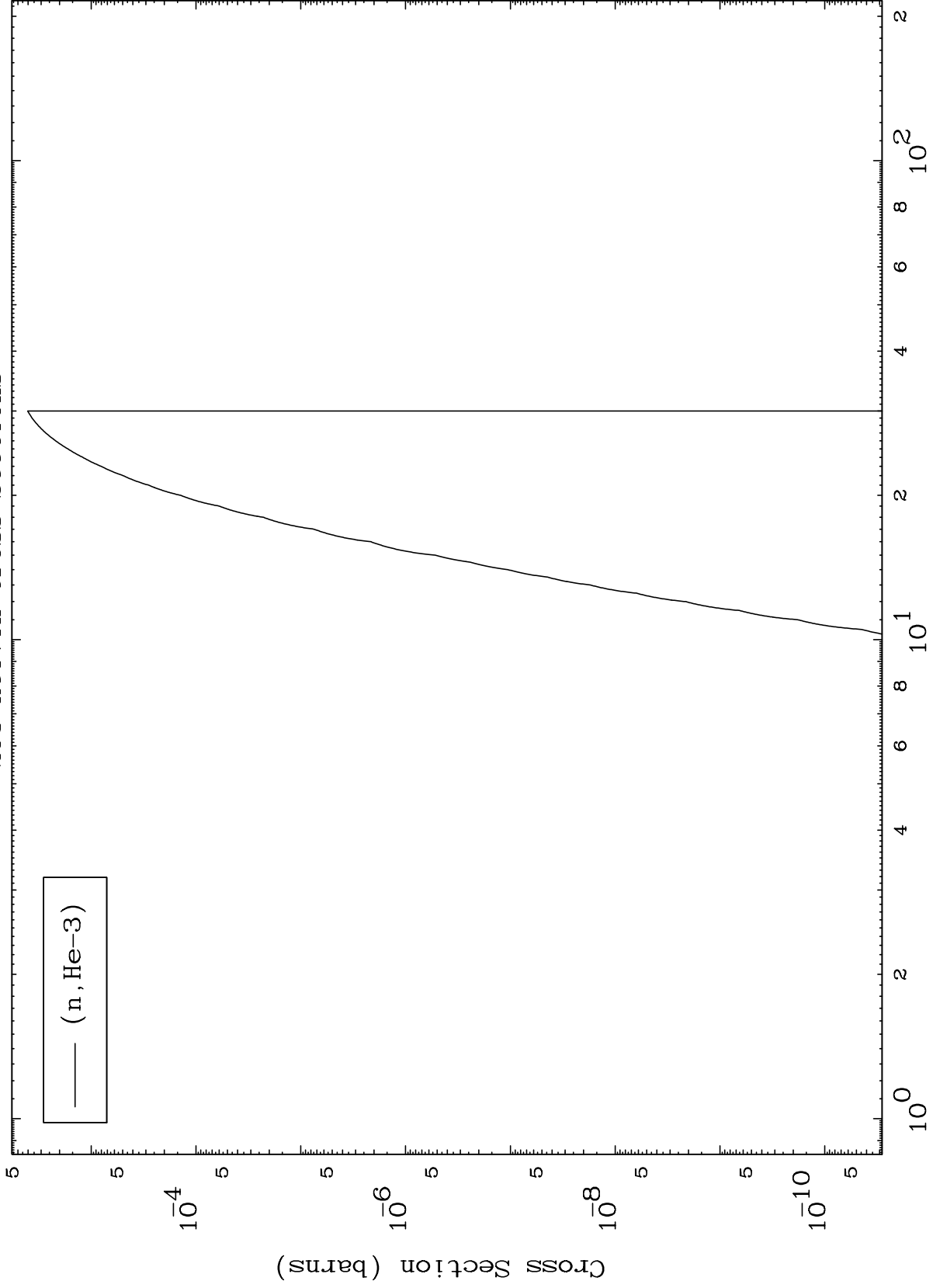
Incident Energy (MeV)

69-Tm-160

MAT 6899

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-160



13

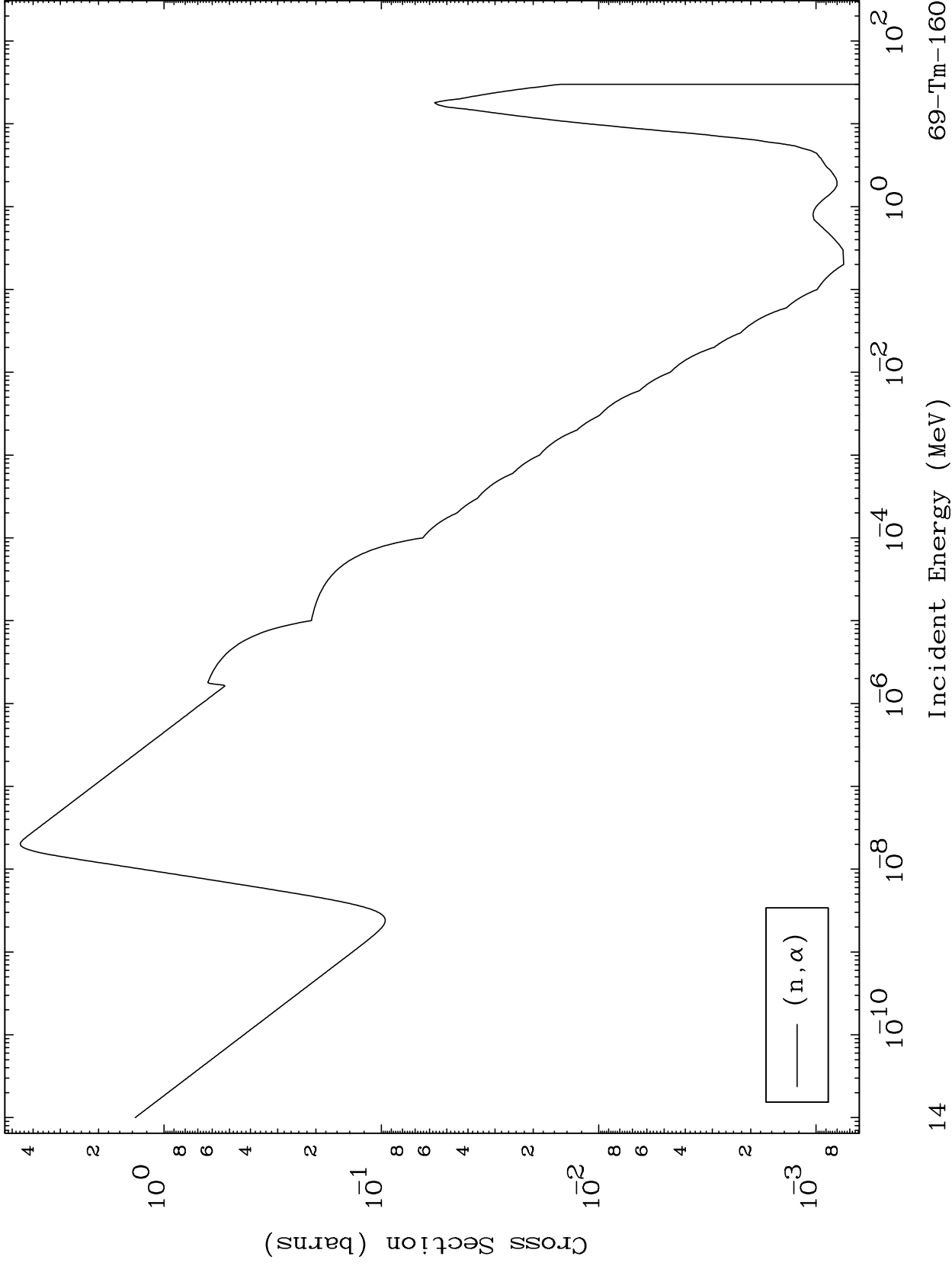
Incident Energy (MeV)

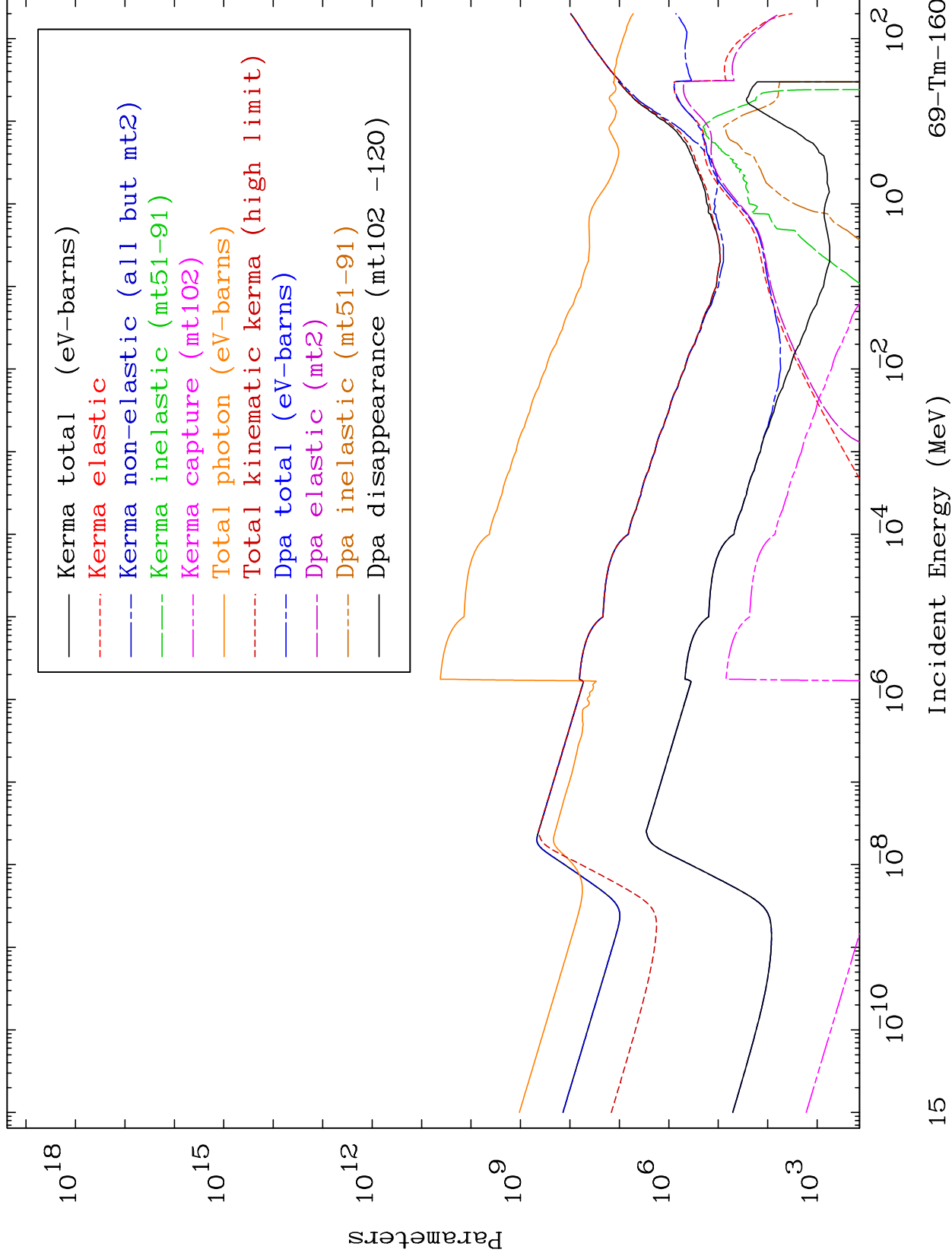
69-Tm-160

MAT 6899

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-160

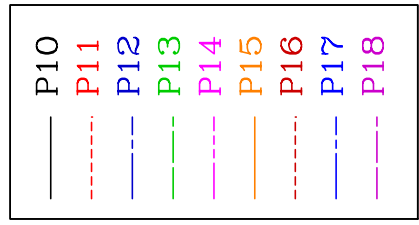




MAT 6899

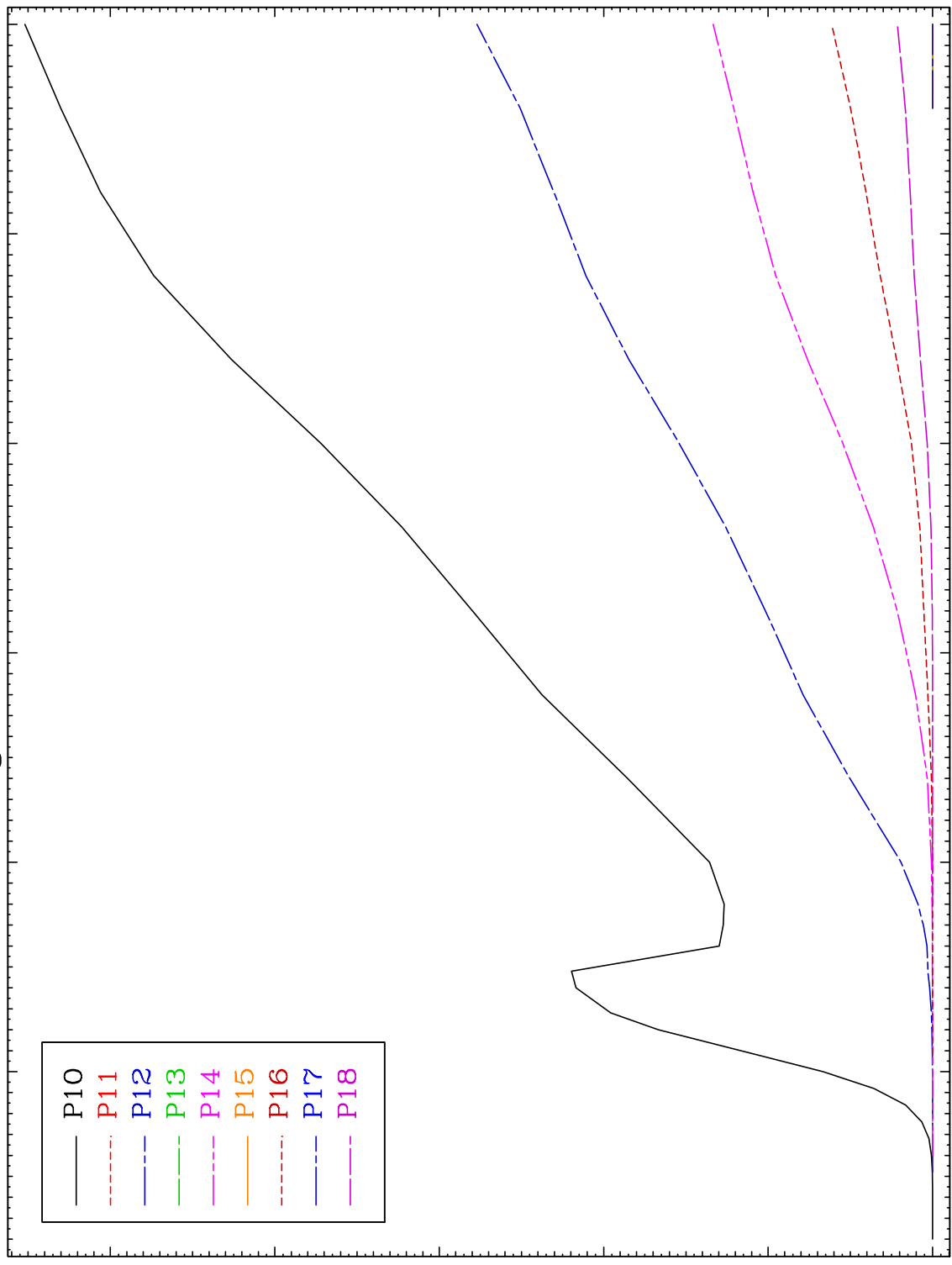
Elastic Legendre Coefficients

69-Tm-160



$\times 10^{-4}$

Legendre (CM)



17

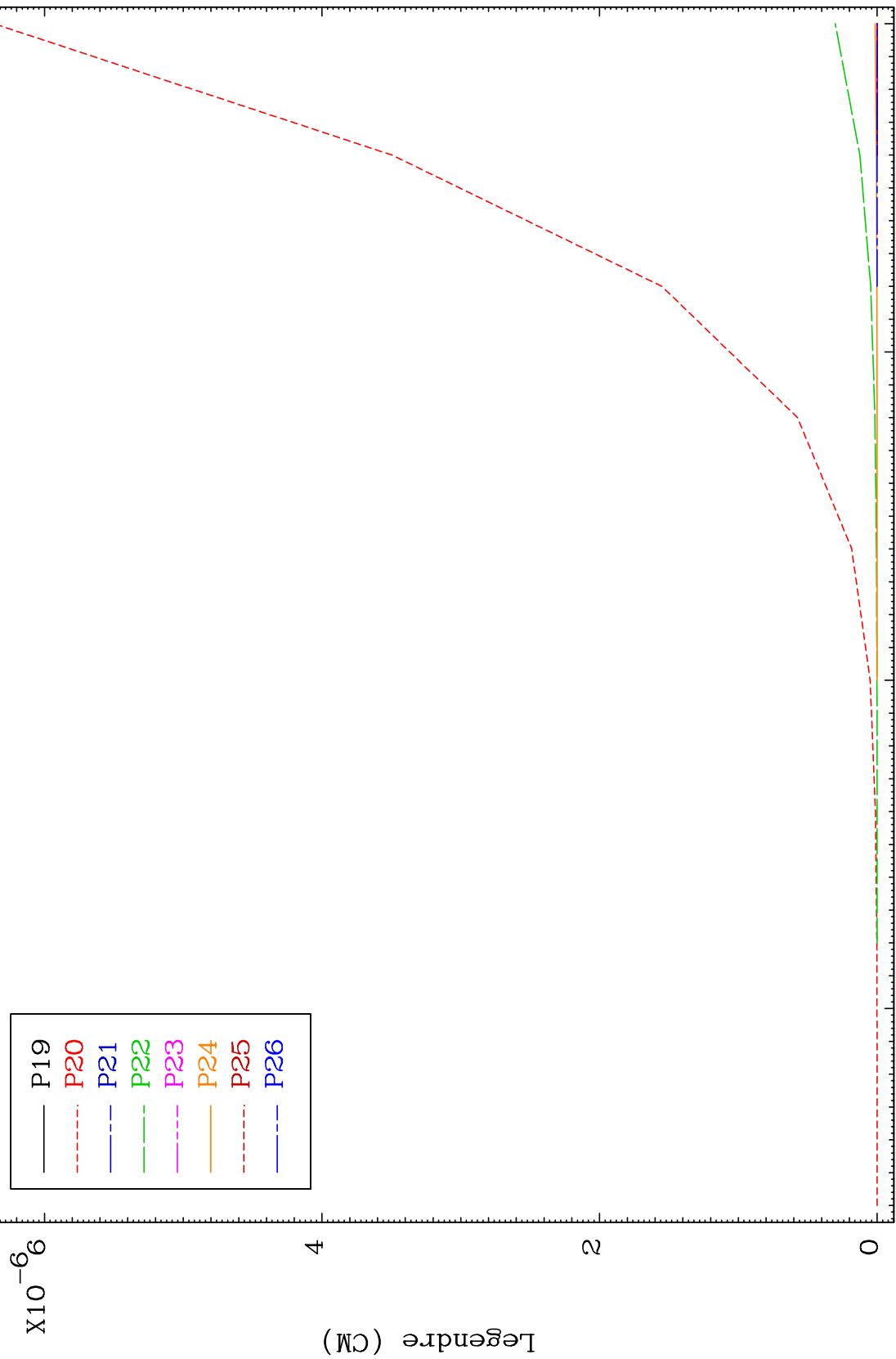
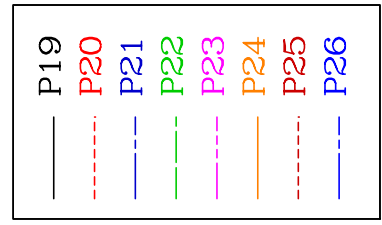
Incident Energy (MeV)

69-Tm-160

MAT 6899

Elastic Legendre Coefficients

69-Tm-160



18

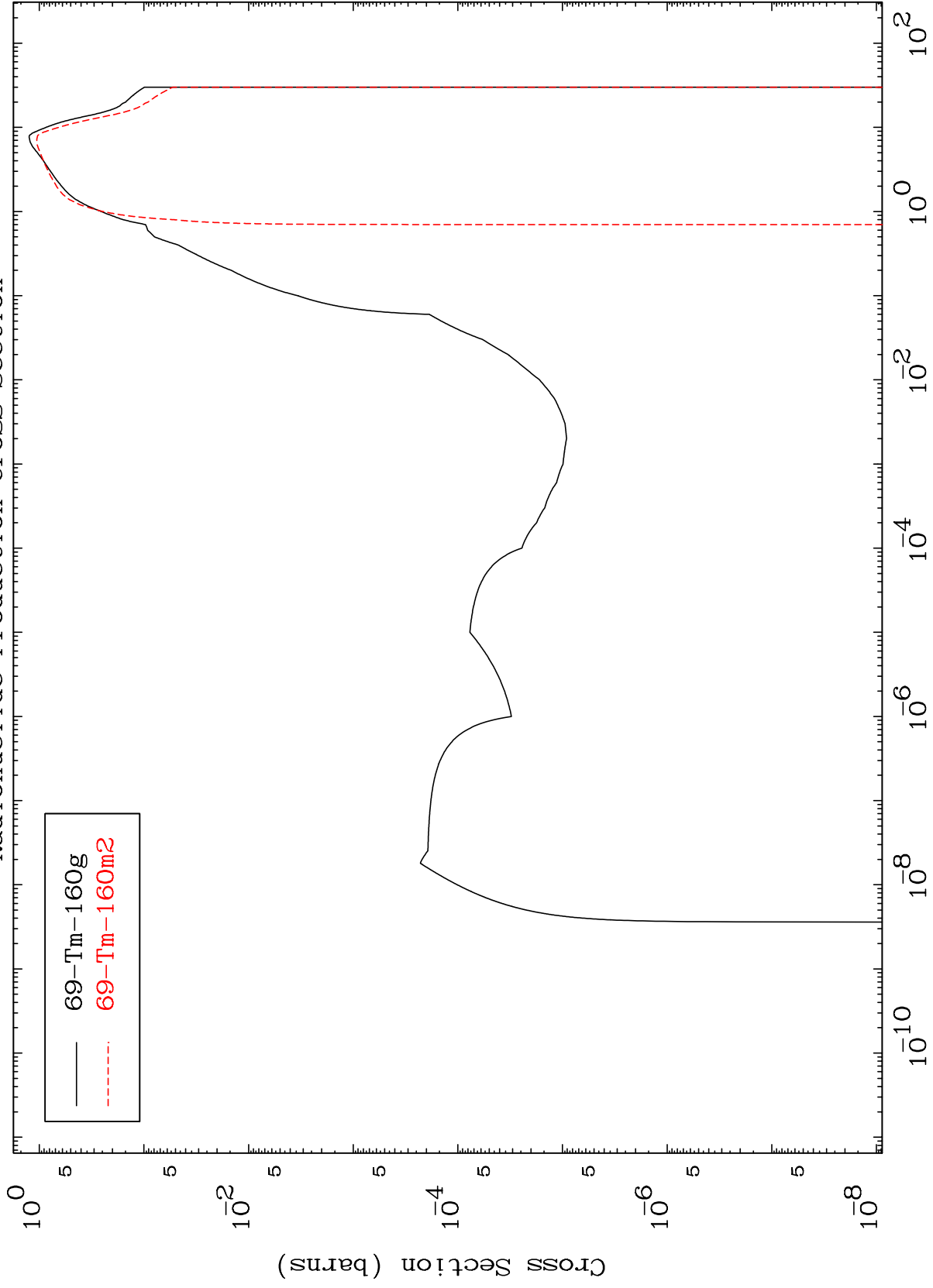
Incident Energy (MeV)

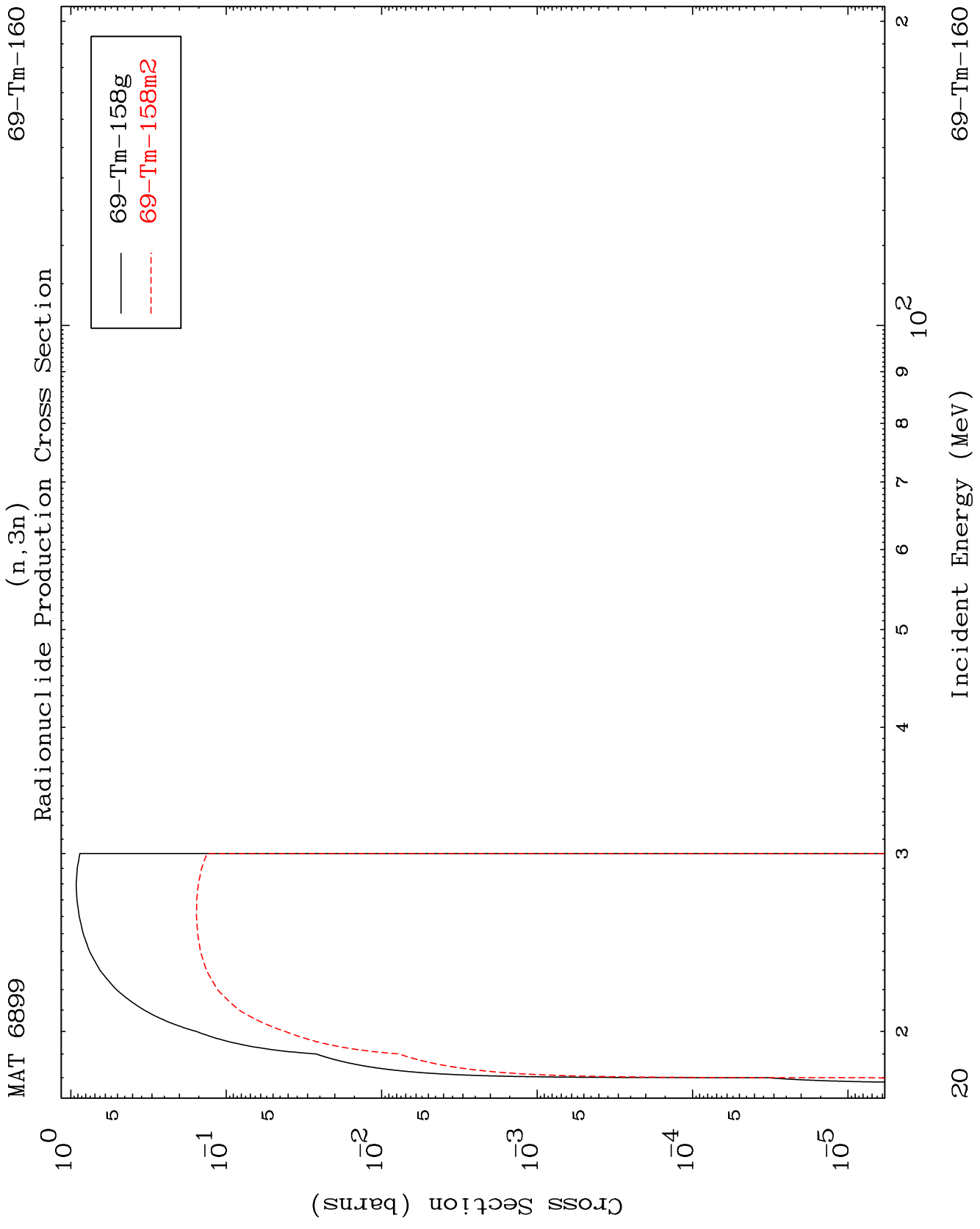
69-Tm-160

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Inelastic
Radionuclide Production Cross Section

69-Tm-160



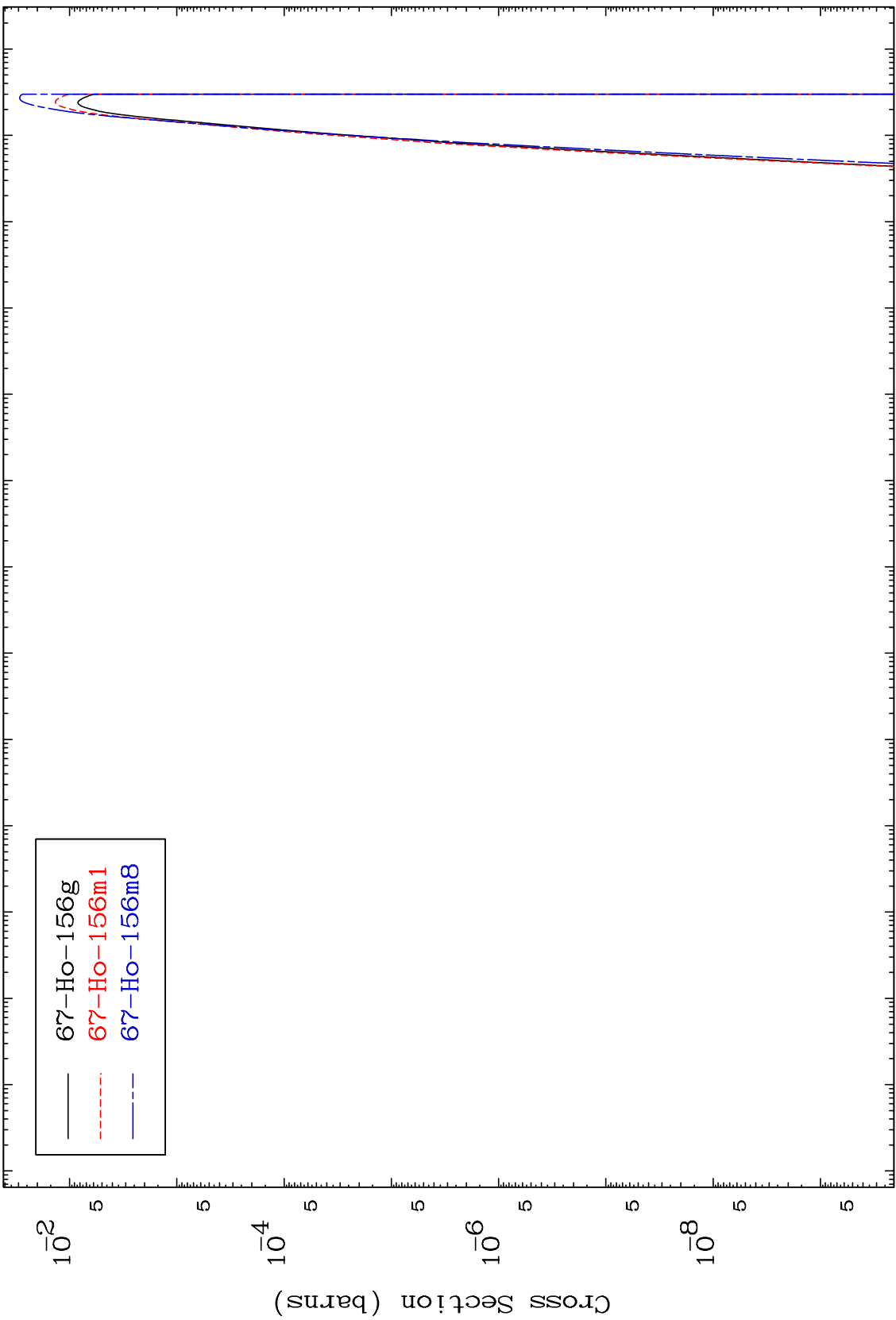
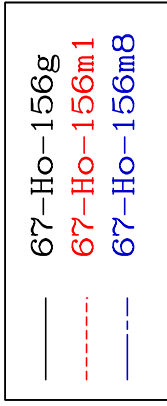


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$(n, n') \alpha$

69-Tm-160

Radionuclide Production Cross Section



69-Tm-160

10^0

10^{-2}

10^{-4}

10^{-6}

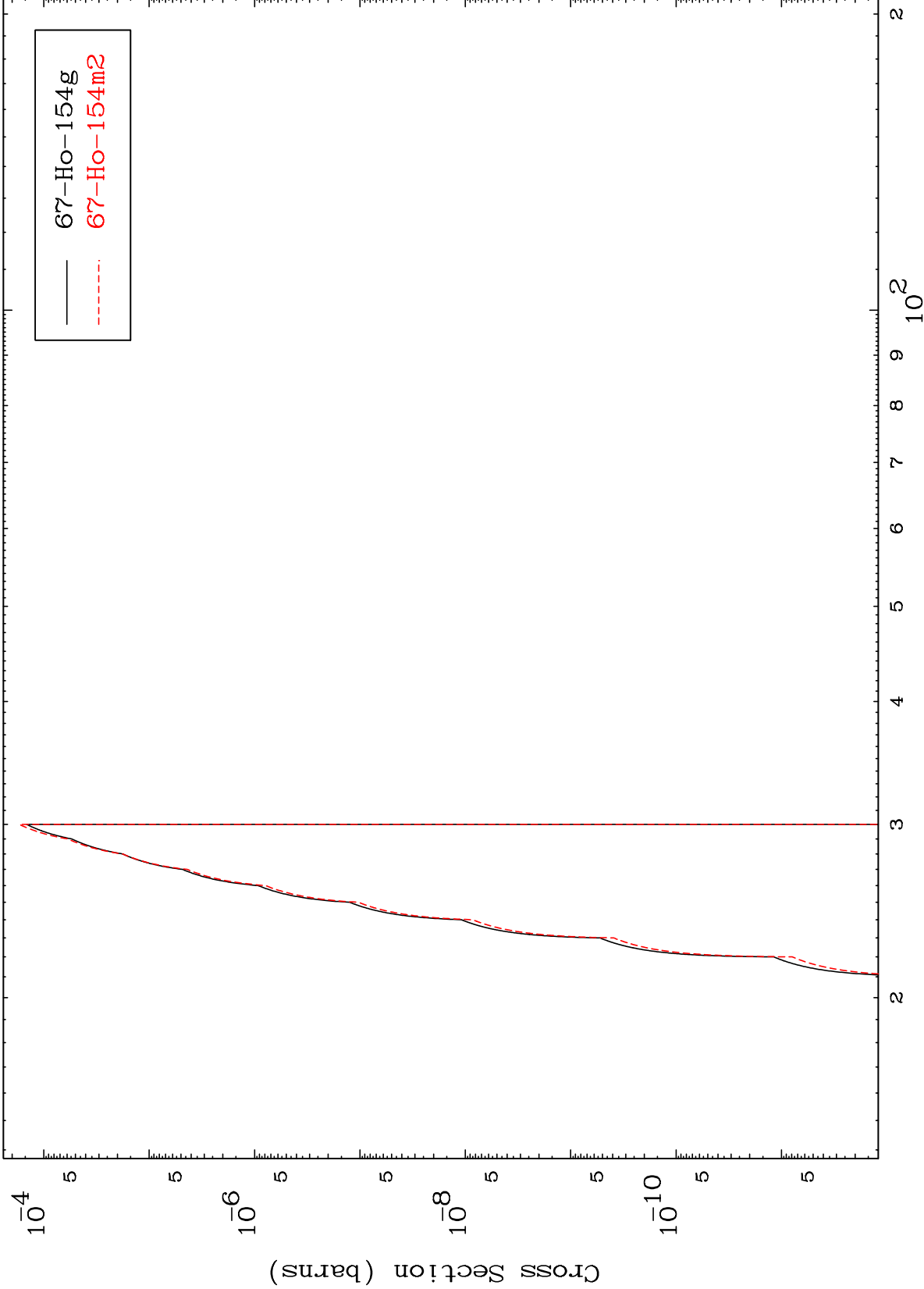
10^{-8}

10^{-10}

Incident Energy (MeV)

69-Tm-160

Radionuclide Production Cross Section

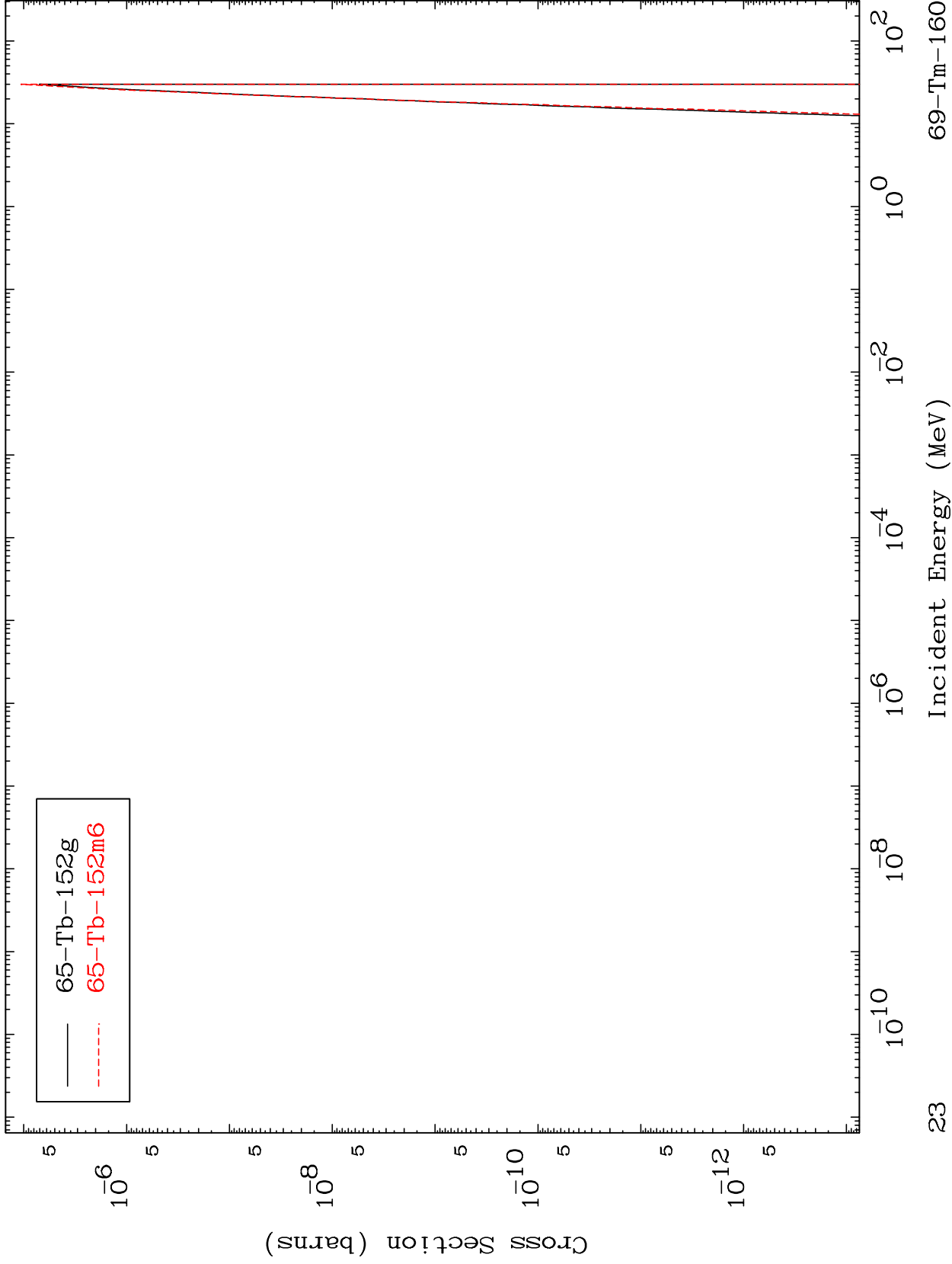


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(n,n') 2α

69-Tm-160

Radionuclide Production Cross Section



23

Incident Energy (MeV)

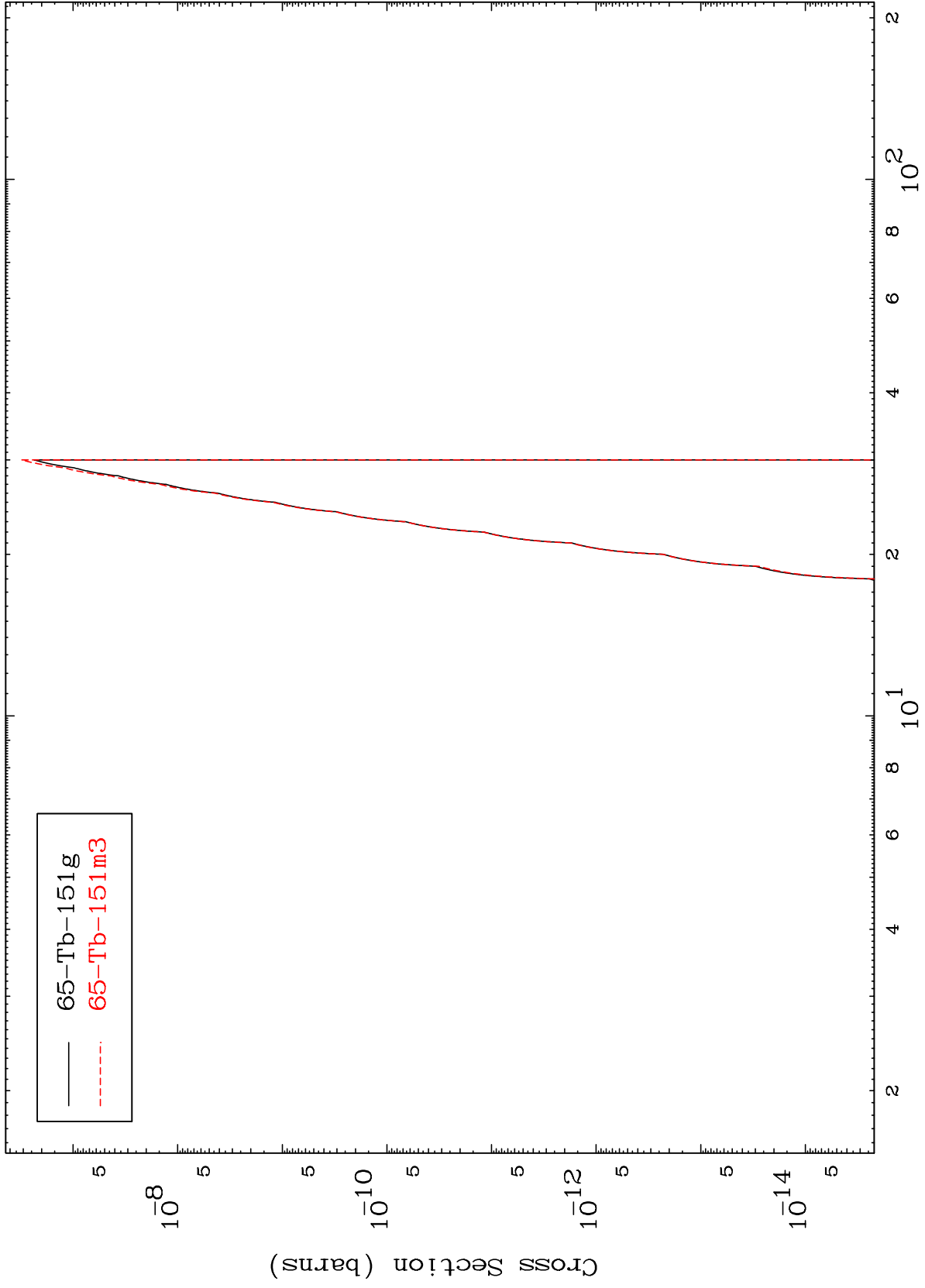
69-Tm-160

MAT 6899

(n,2n) 2α

69-Tm-160

Radionuclide Production Cross Section



24

Incident Energy (MeV)

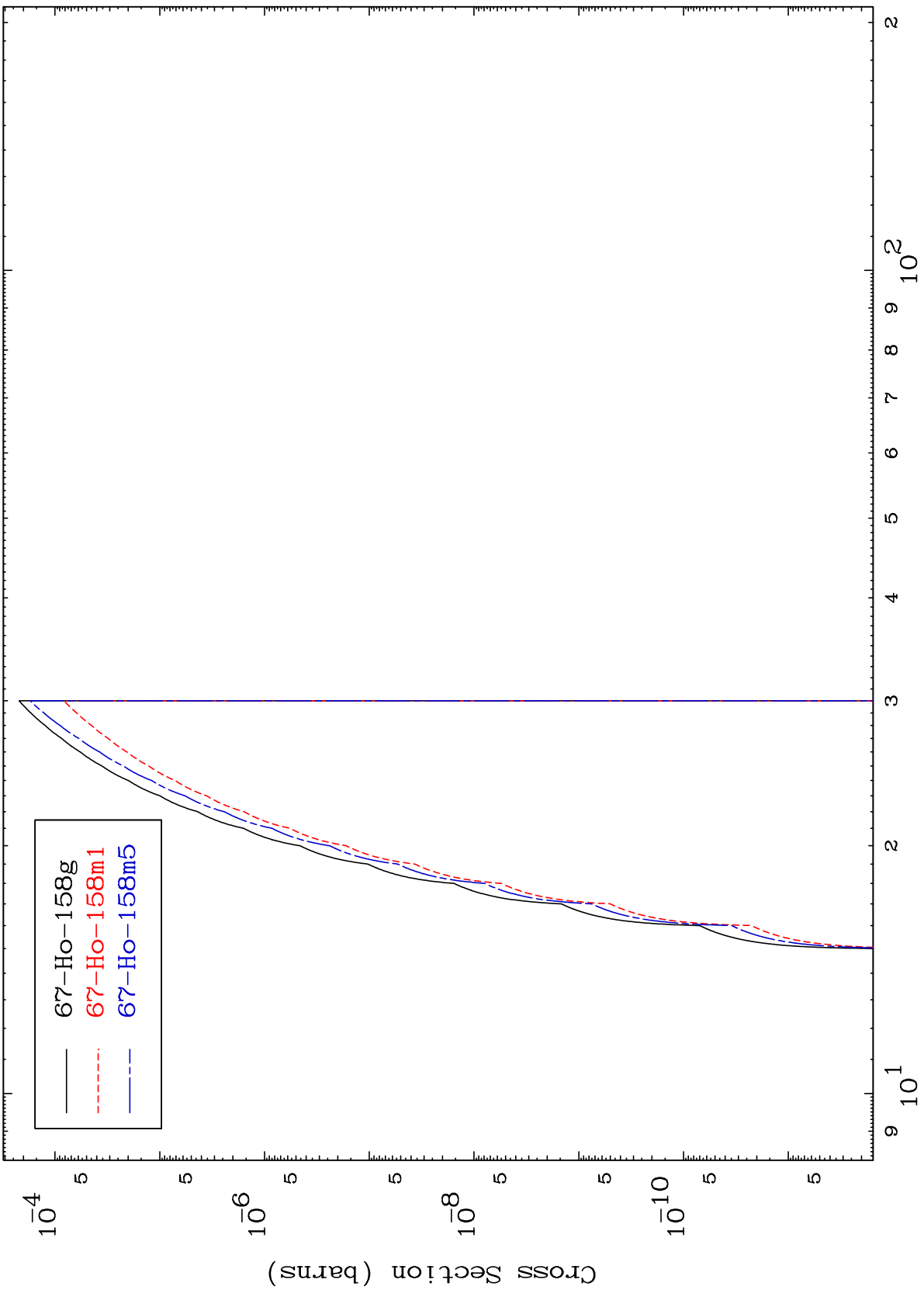
69-Tm-160

MAT 6899

(n,2n) p

69-Tm-160

Radionuclide Production Cross Section



25

Incident Energy (MeV)

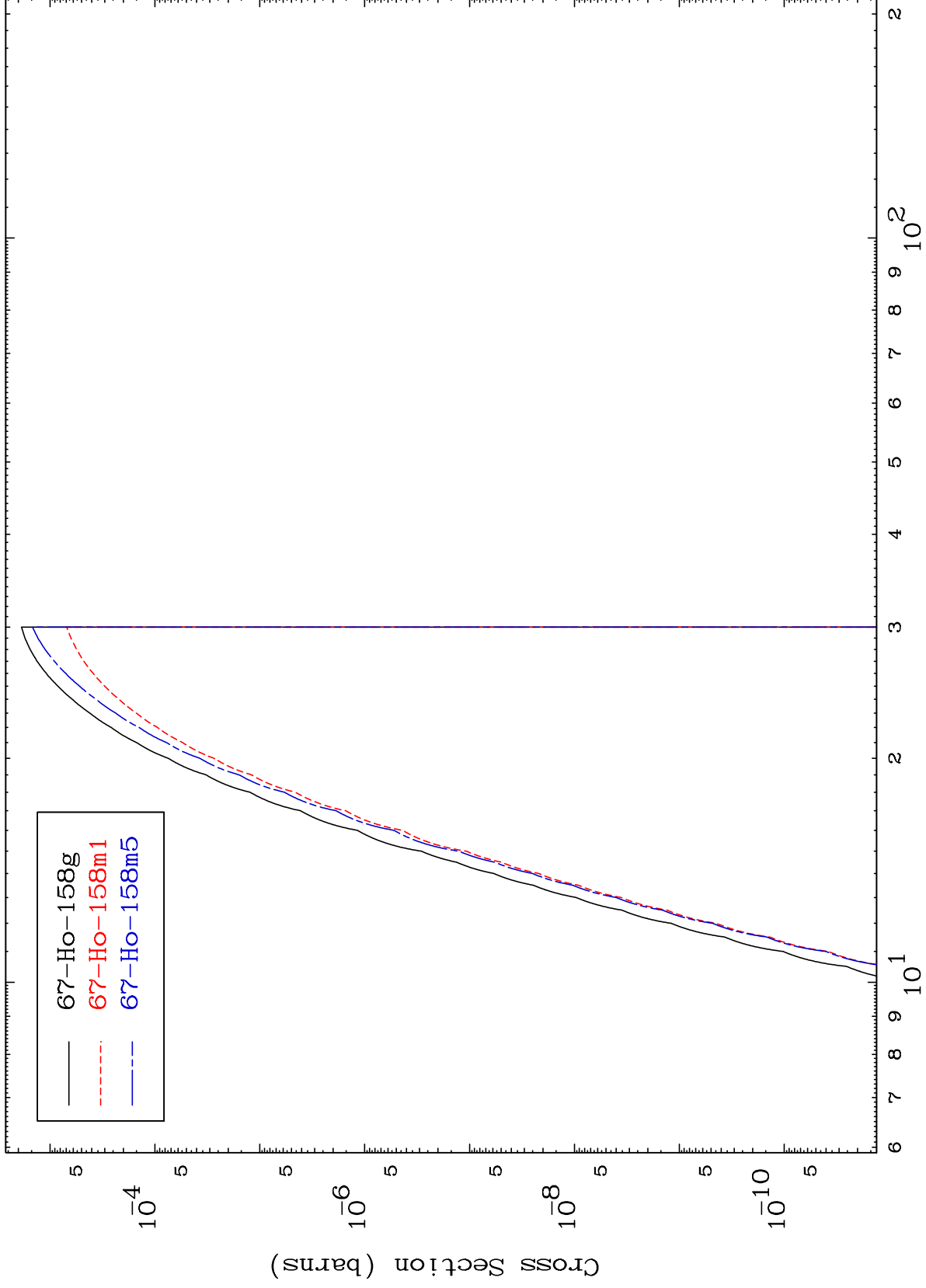
69-Tm-160

MAT 6899

(n,He-3)

69-Tm-160

Radionuclide Production Cross Section



26

Incident Energy (MeV)

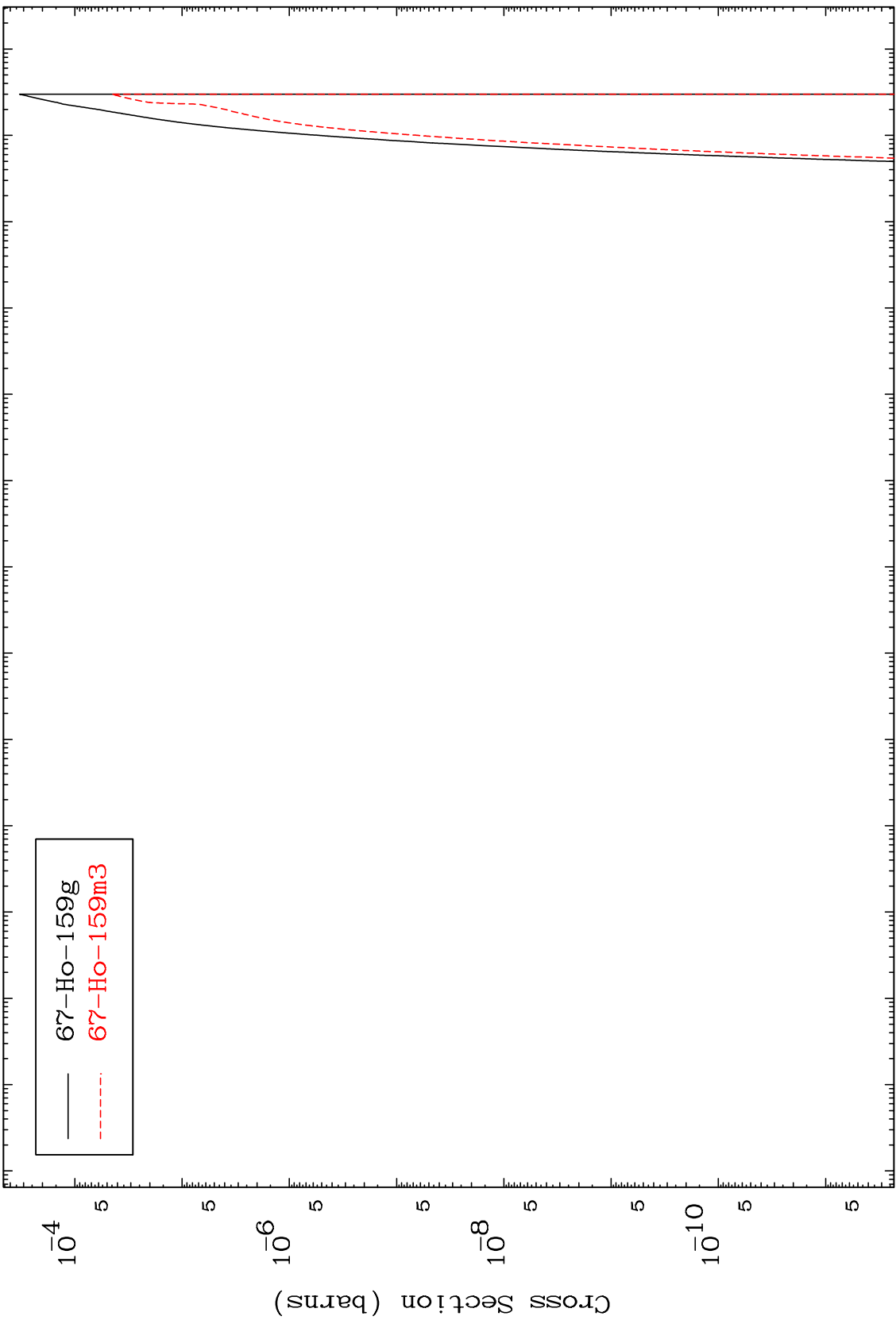
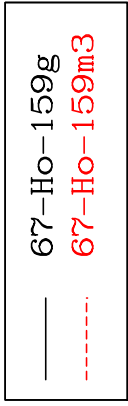
69-Tm-160

MAT 6899

(n,2p)

69-Tm-160

Radionuclide Production Cross Section



69-Tm-160

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

Incident Energy (MeV)

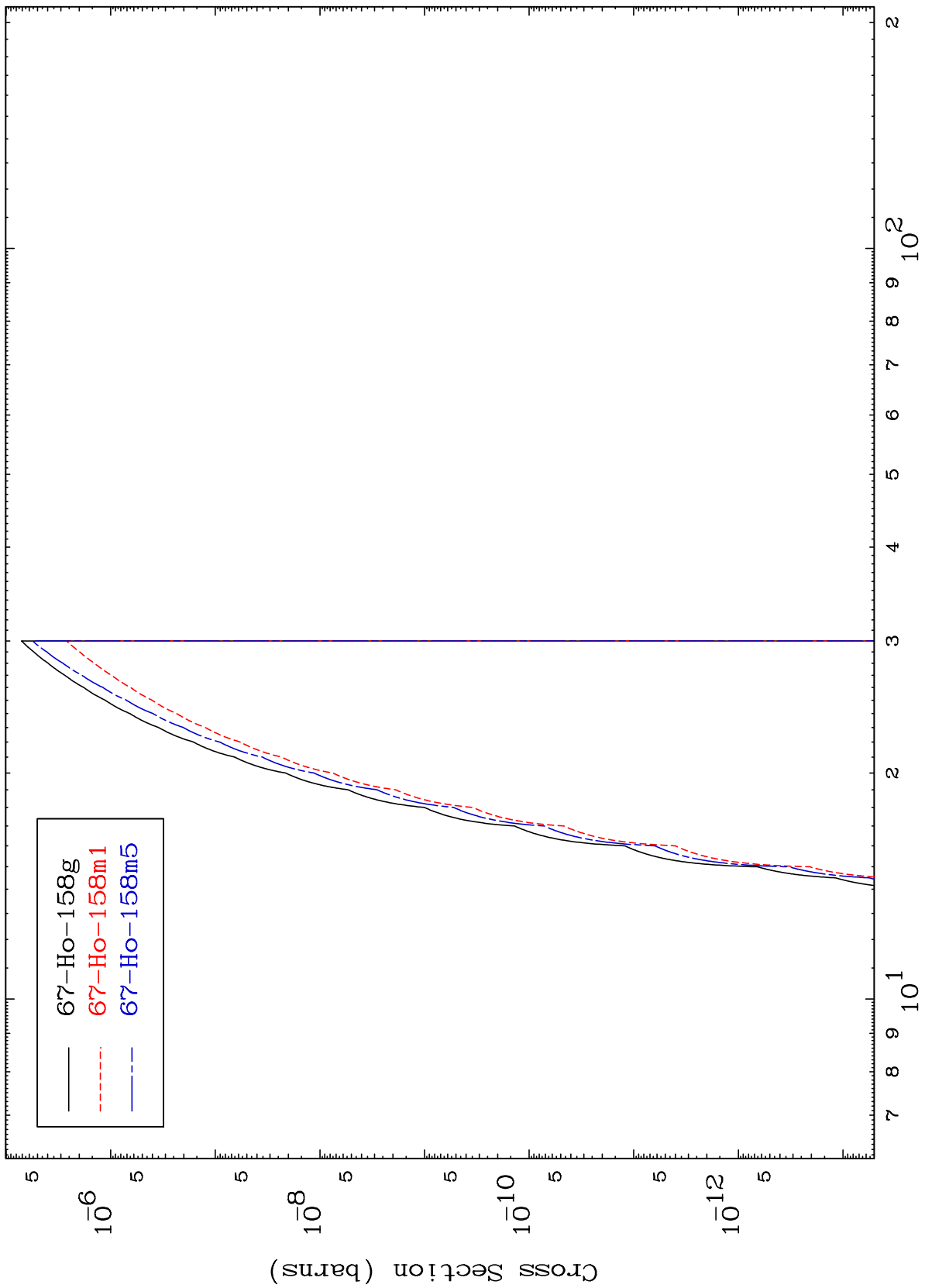
69-Tm-160

MAT 6899

(n,p) d

69-Tm-160

Radionuclide Production Cross Section



28

Incident Energy (MeV)

69-Tm-160