

Program EVALPLOT
(Version 2021-1)

by

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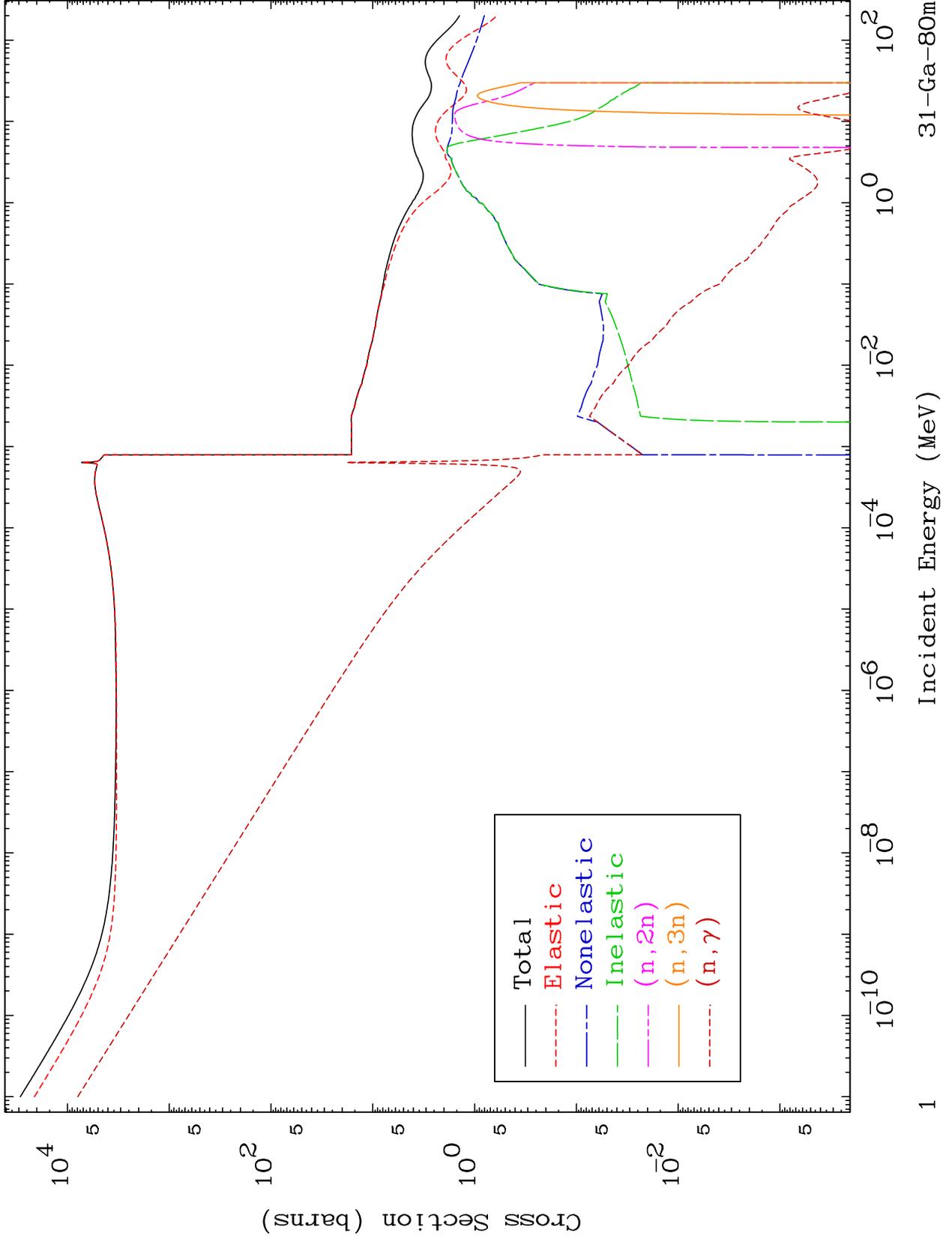
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Press Mouse Button to Start

MAT 3159

Neutron Major
293 Kelvin Cross Sections

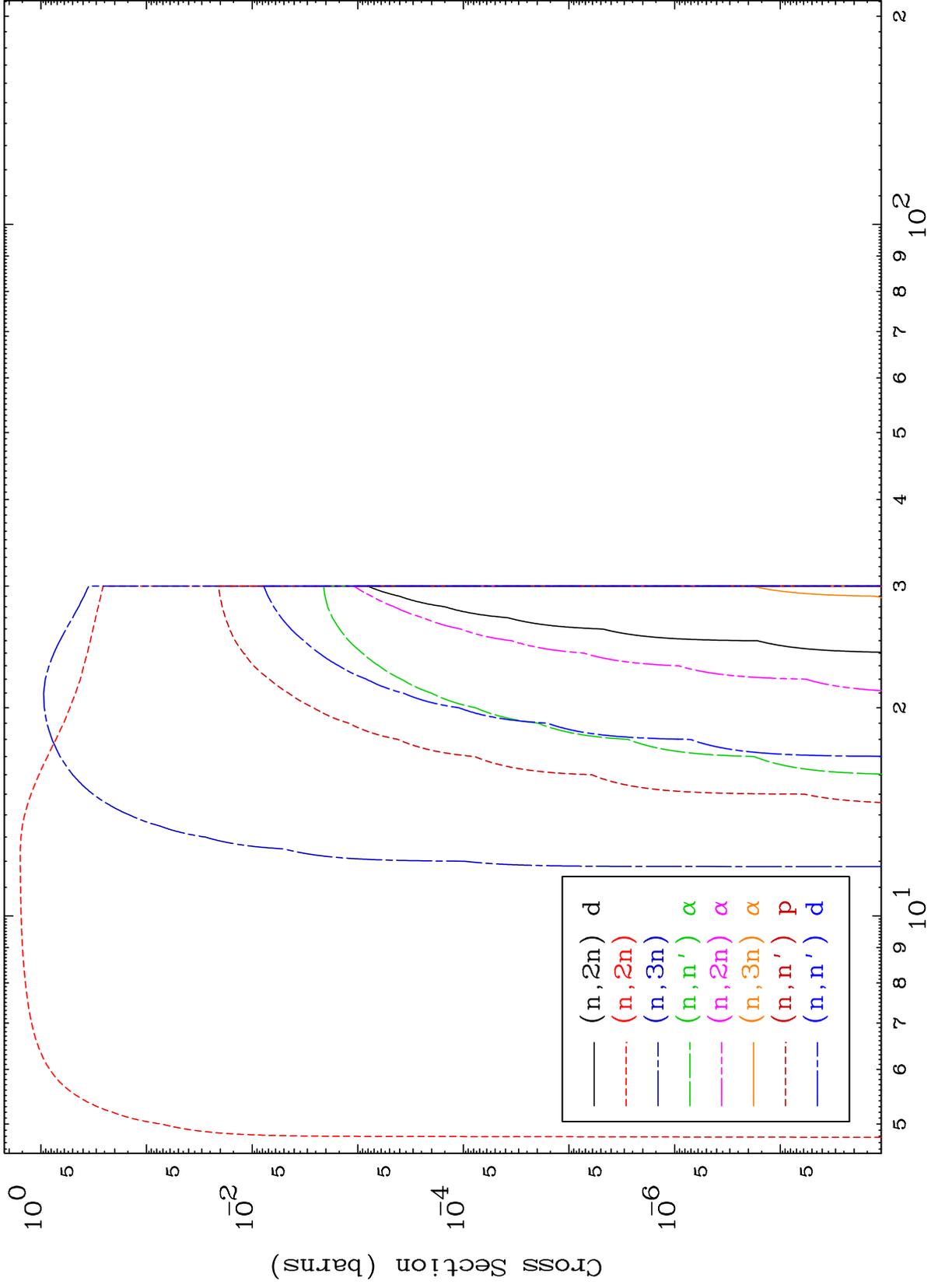
31-Ga-80m



MAT 3159

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-80m



2

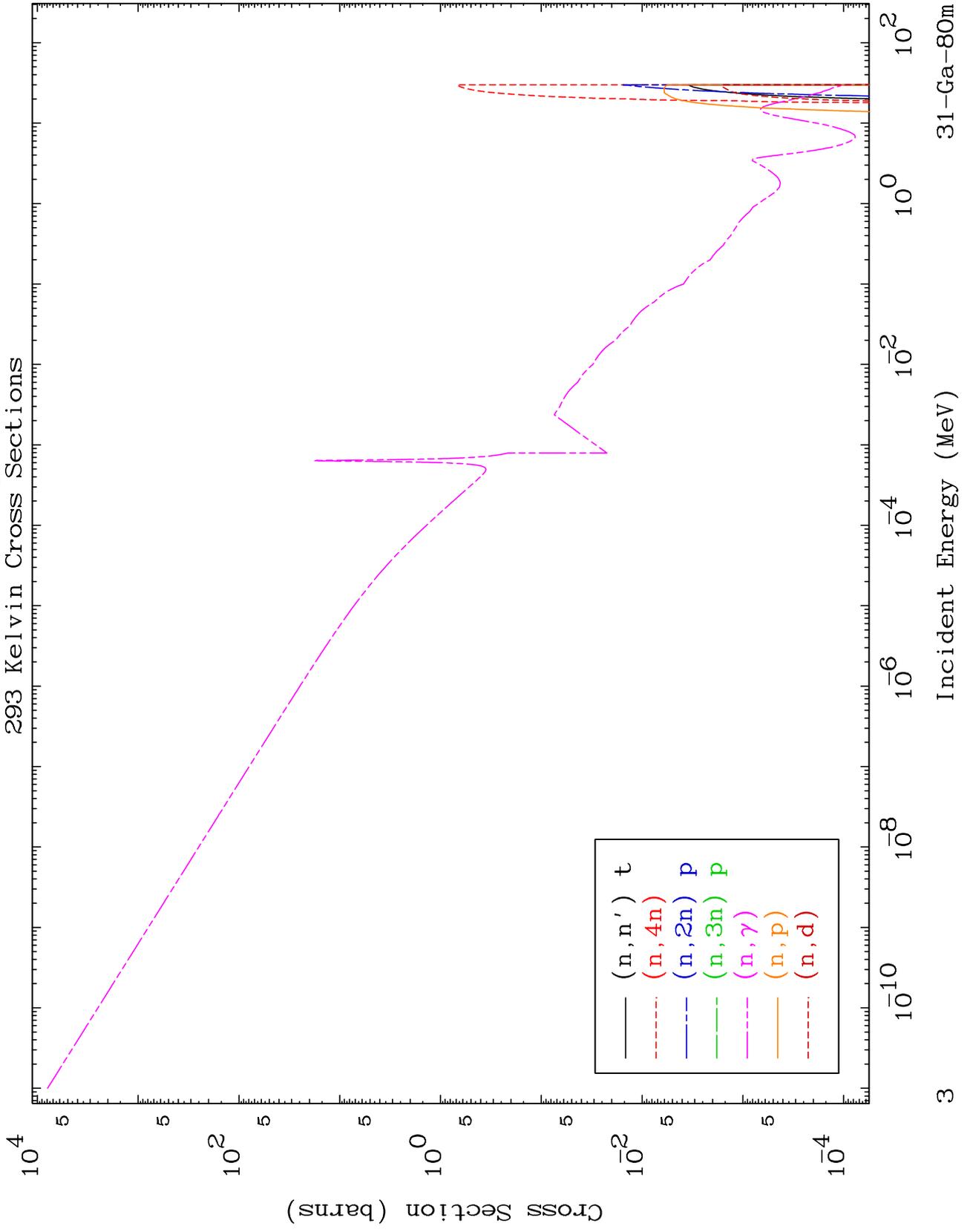
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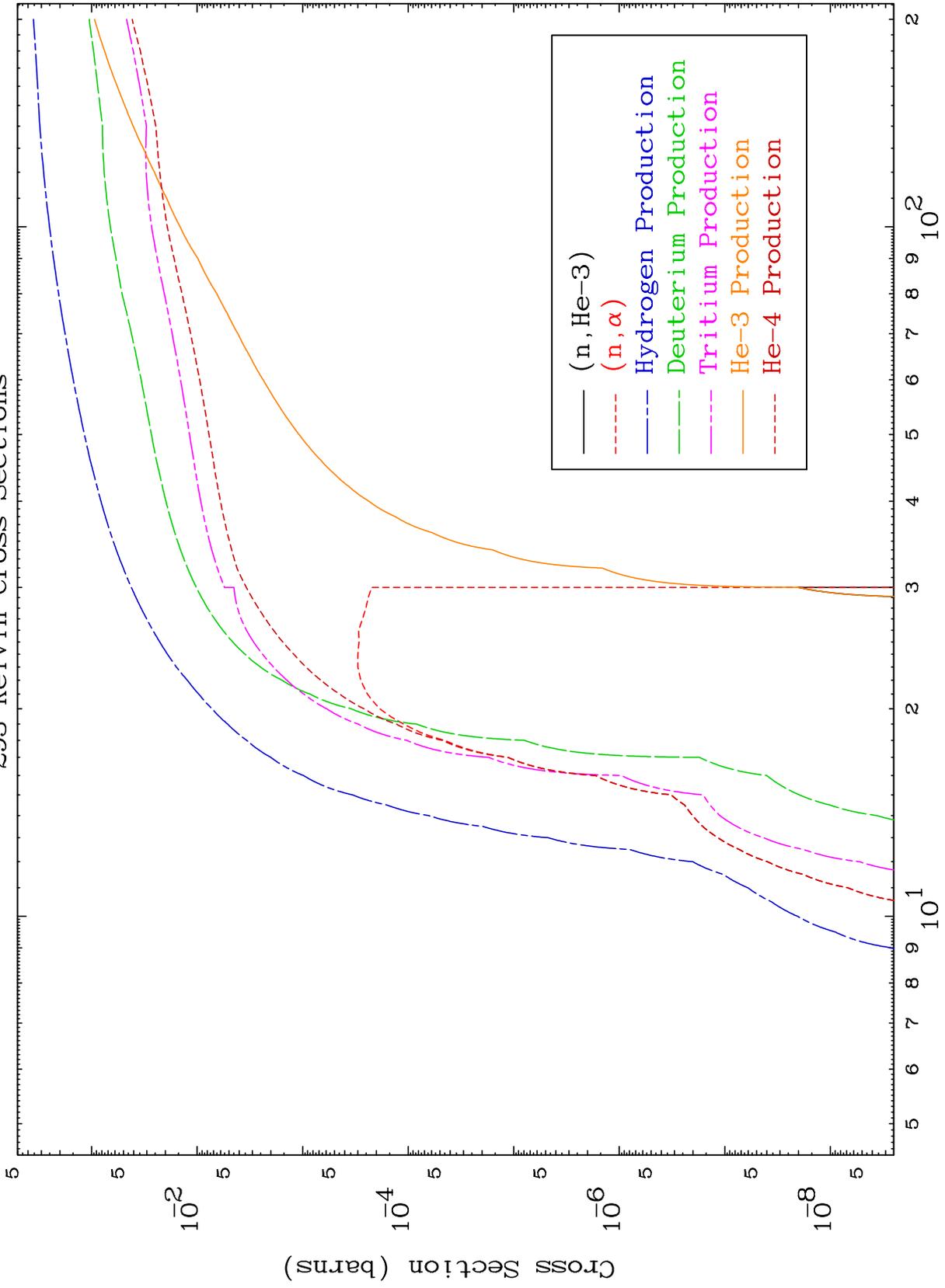
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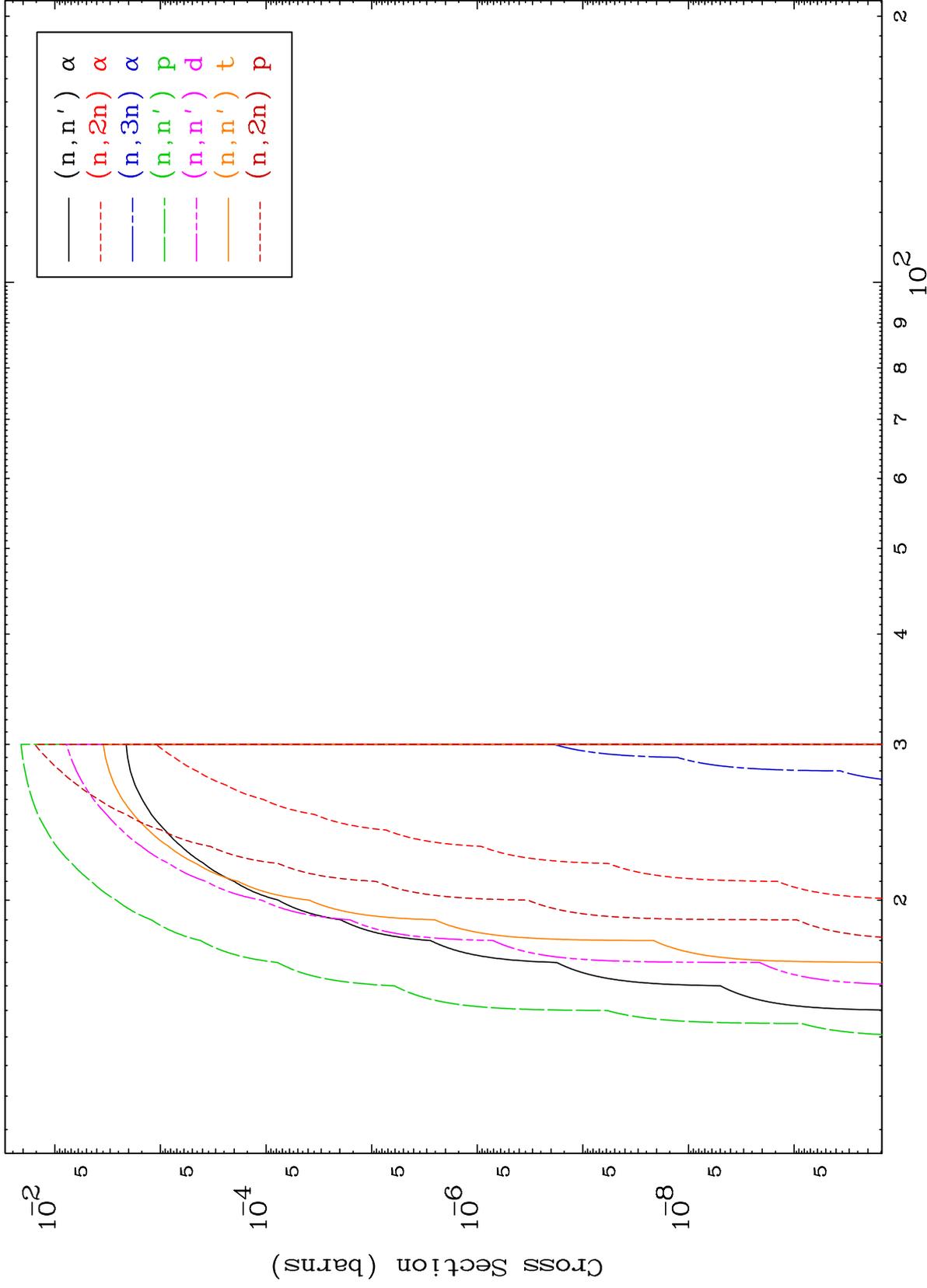
MAT 3159

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-80m



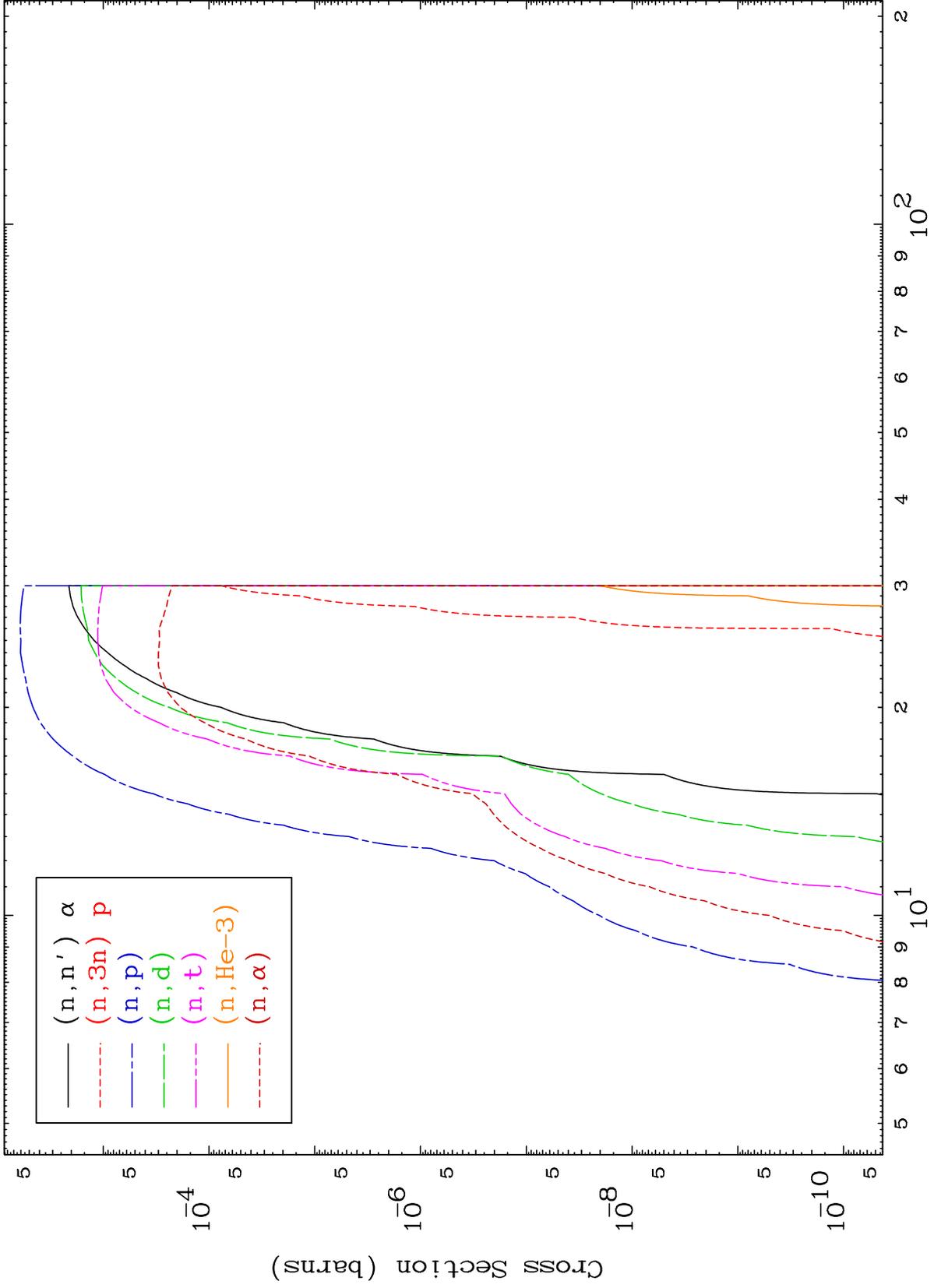




MAT 3159

Charged Particle
293 Kelvin Cross Sections

31-Ga-80m



6

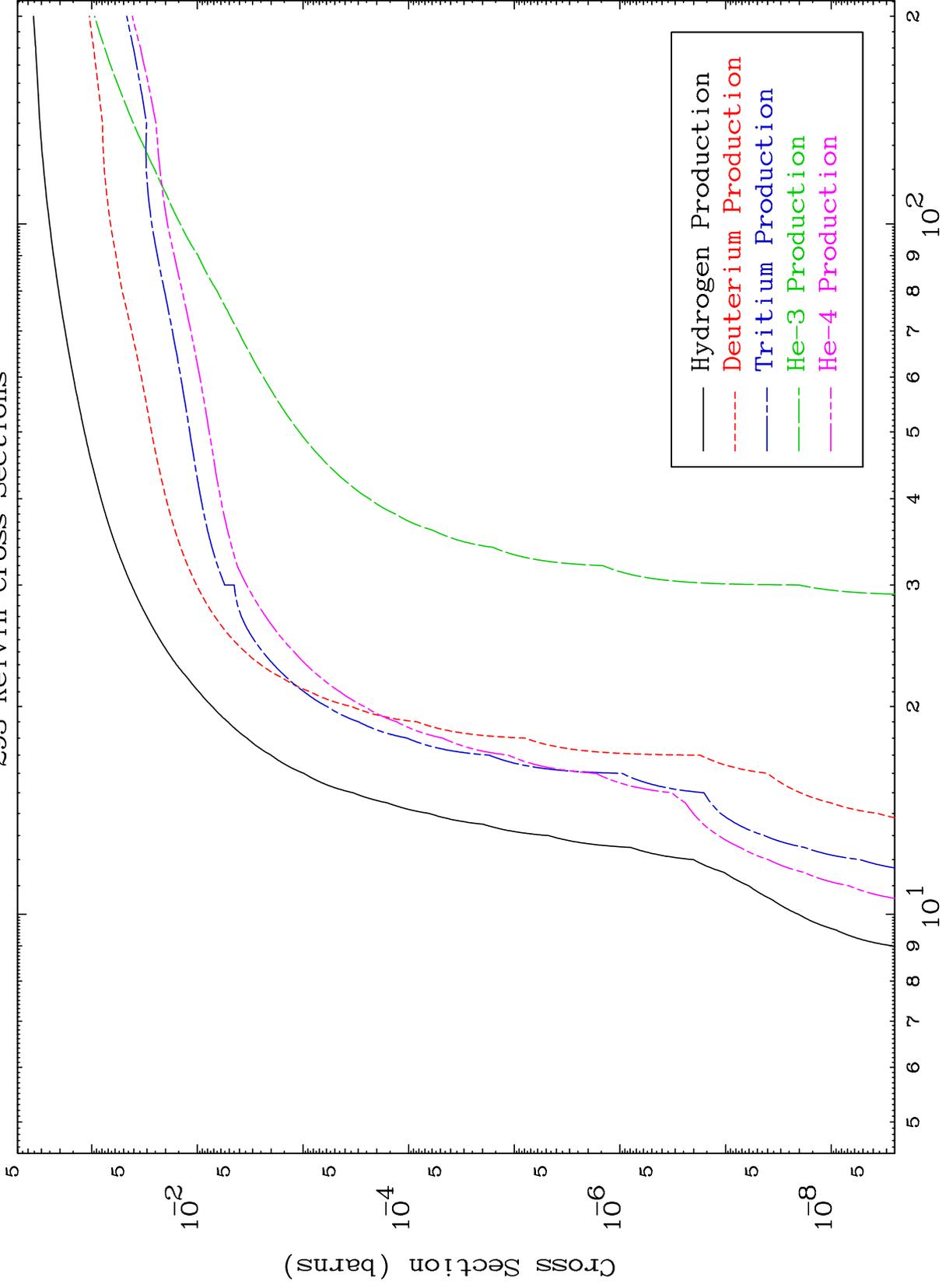
Incident Energy (MeV)

31-Ga-80m

MAT 3159

Particle Production
293 Kelvin Cross Sections

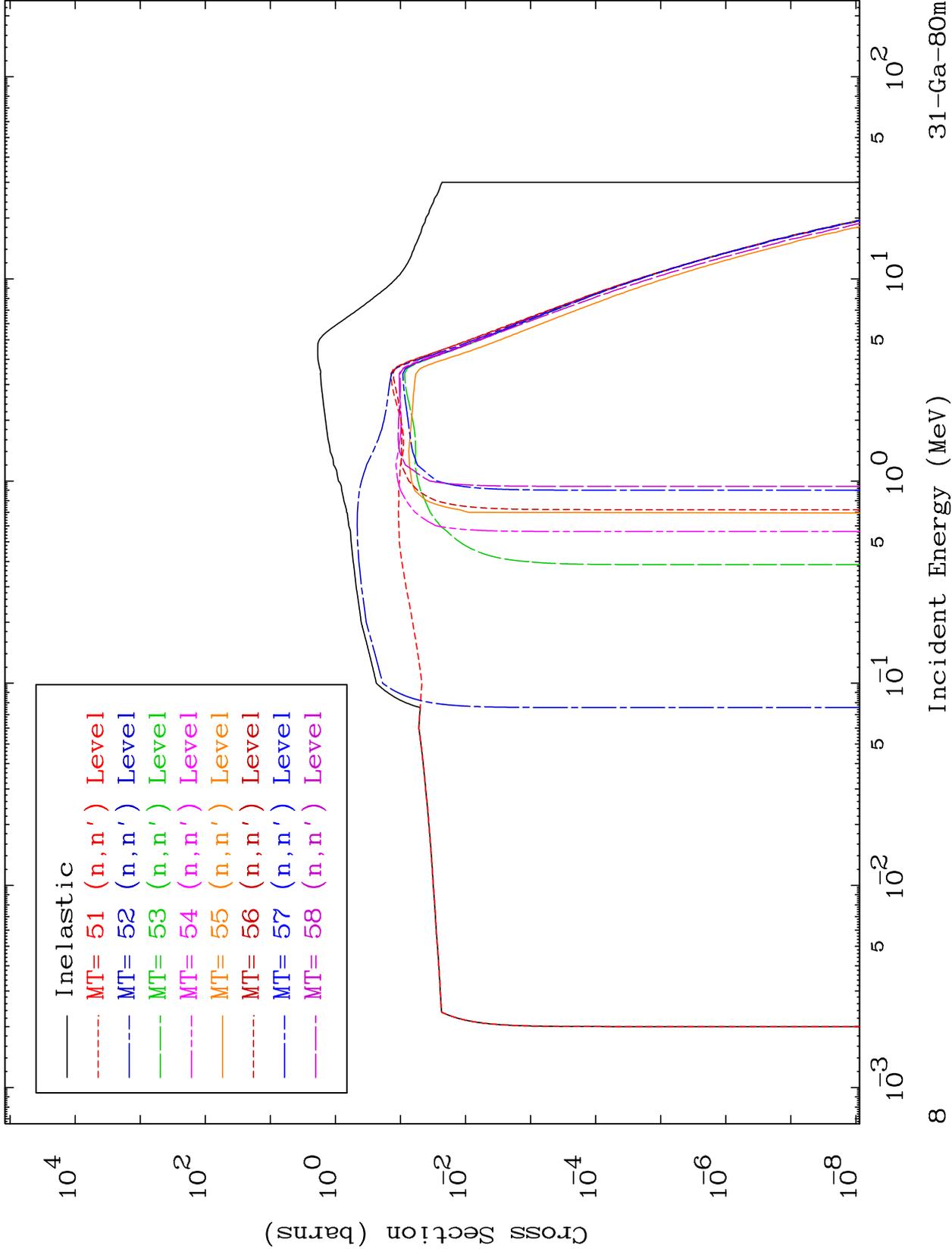
31-Ga-80m



MAT 3159

(n,n') Levels
293 Kelvin Cross Sections

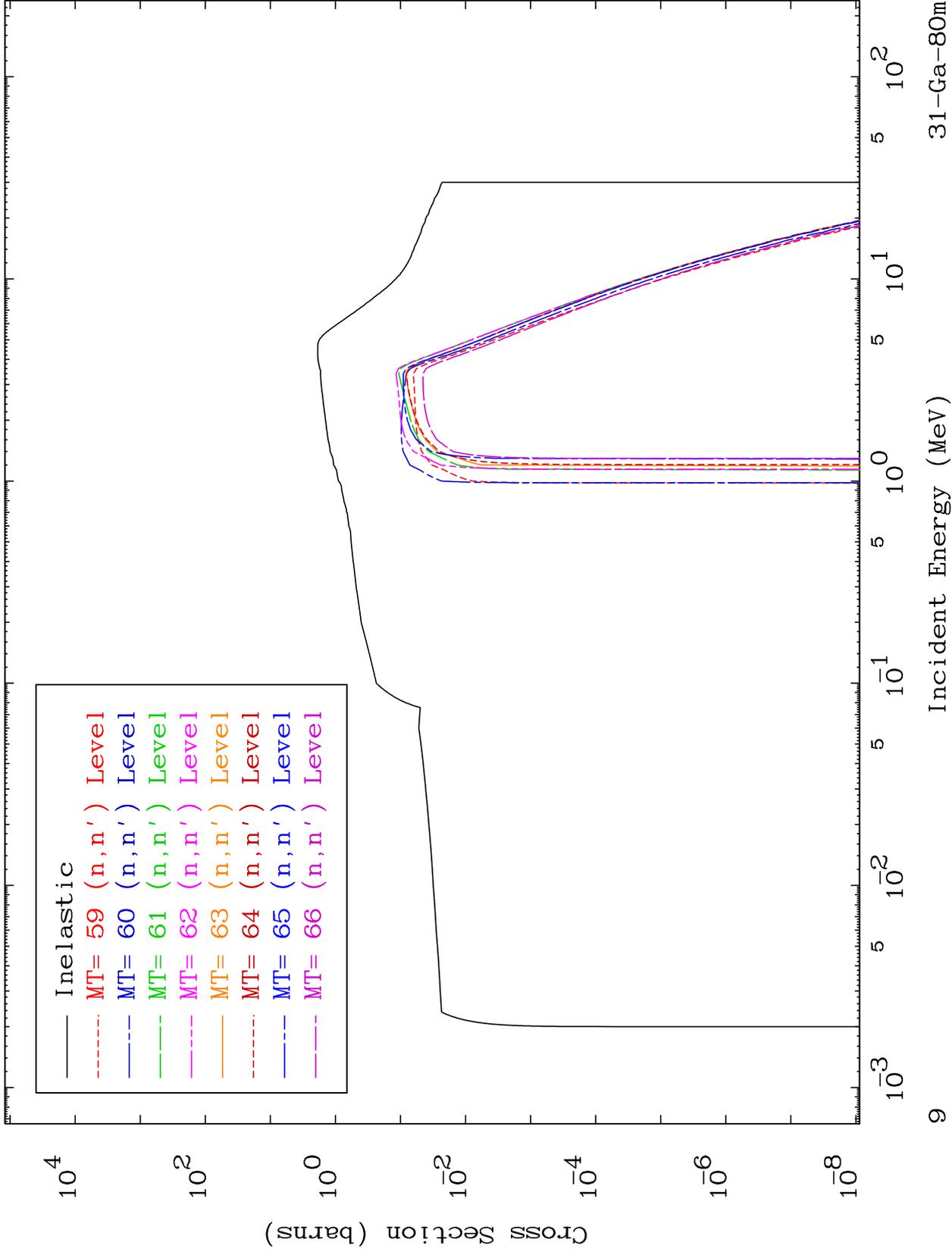
31-Ga-80m



MAT 3159

(n,n') Levels
293 Kelvin Cross Sections

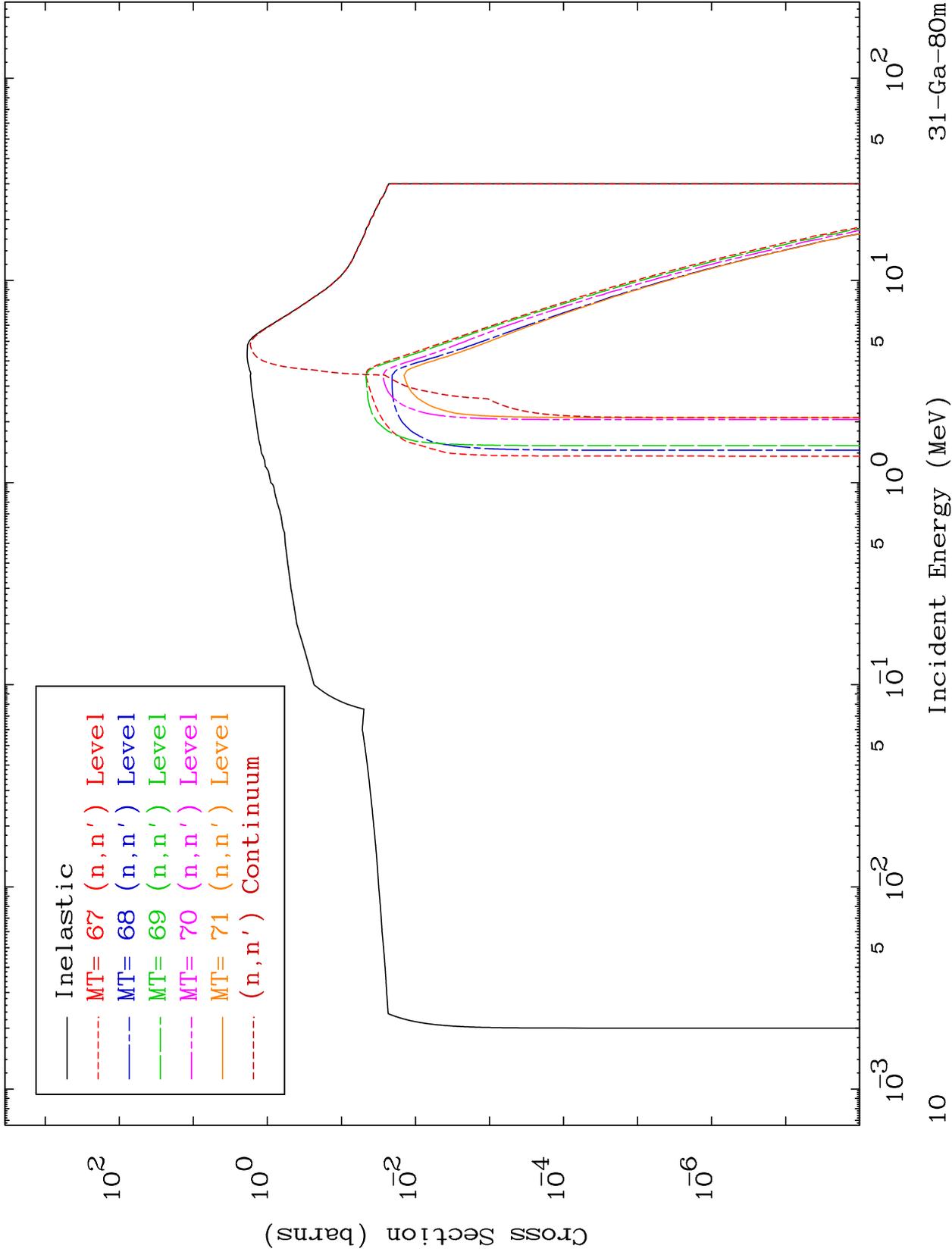
31-Ga-80m



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(n,n') Levels
293 Kelvin Cross Sections

31-Ga-80m

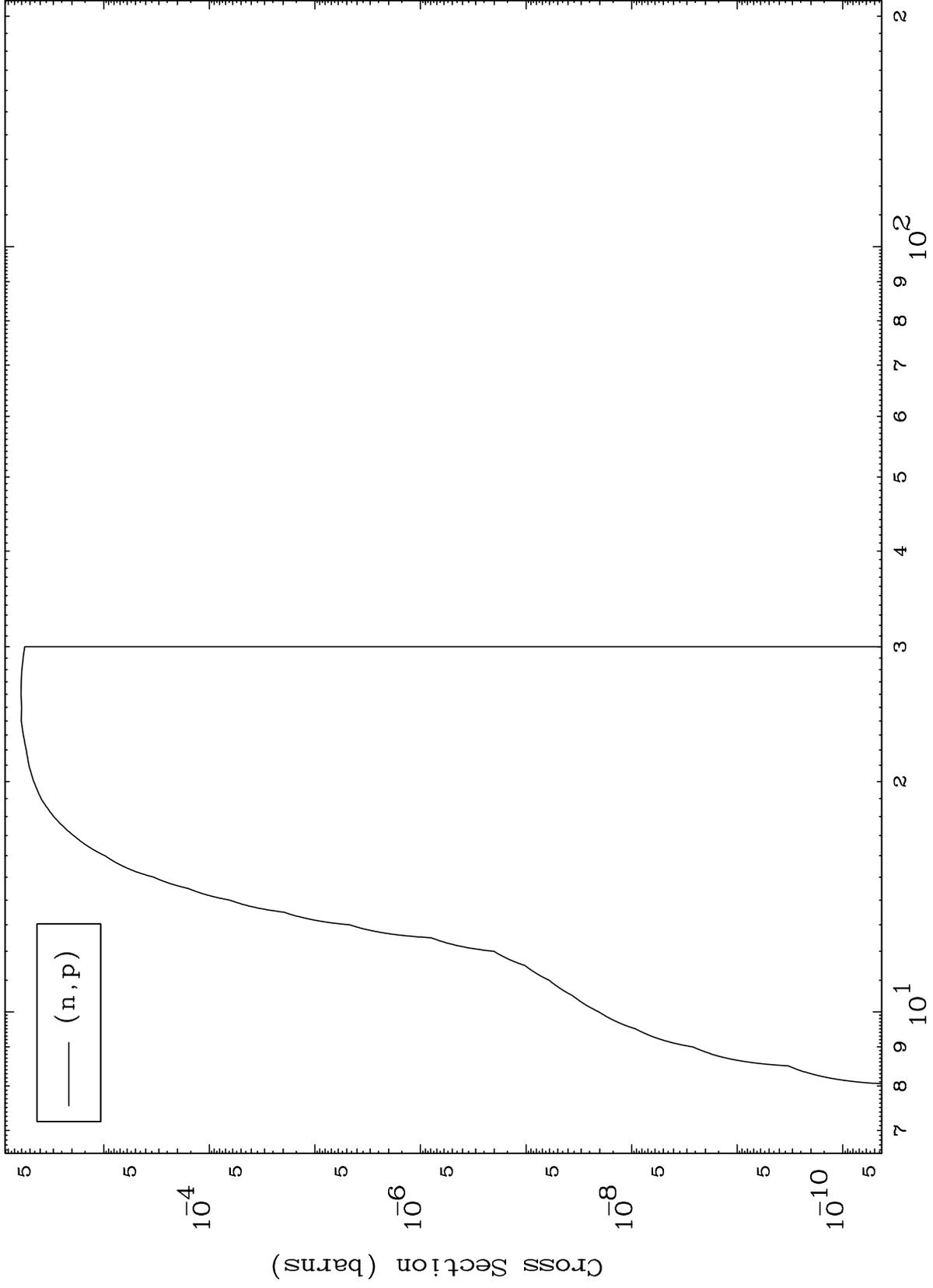


31-Ga-80m

MAT 3159

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-80m



11

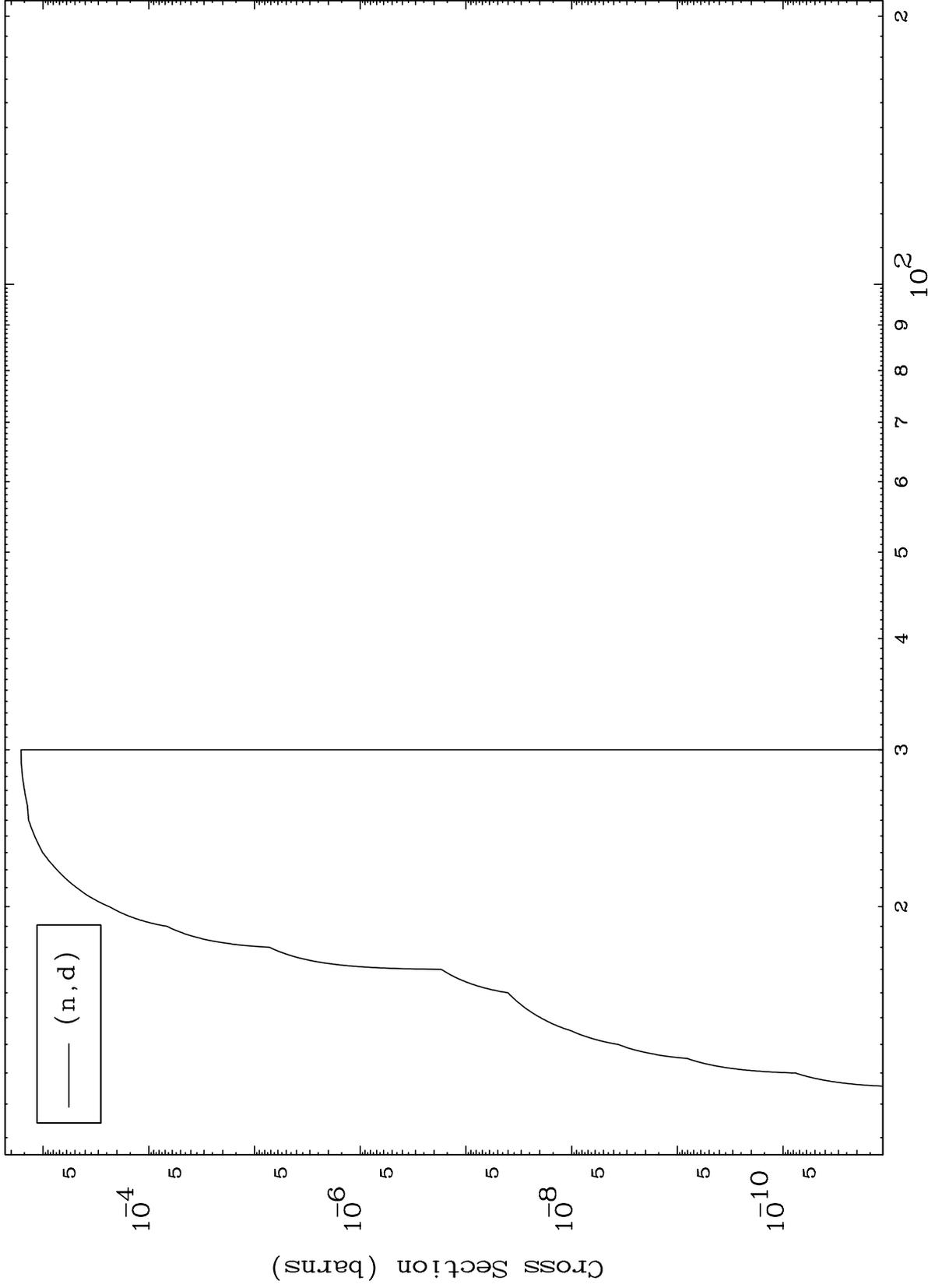
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-80m



12

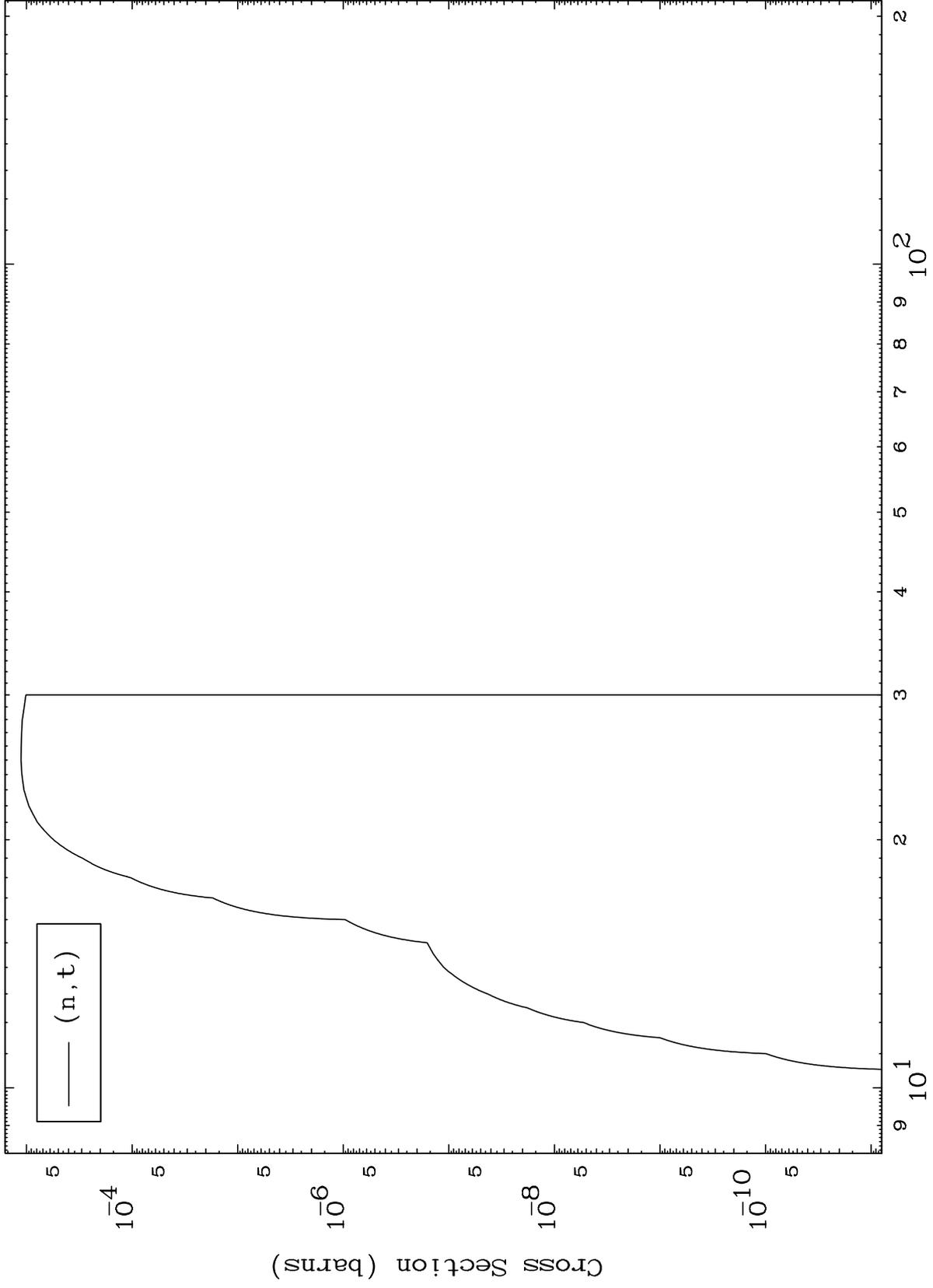
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-80m



13

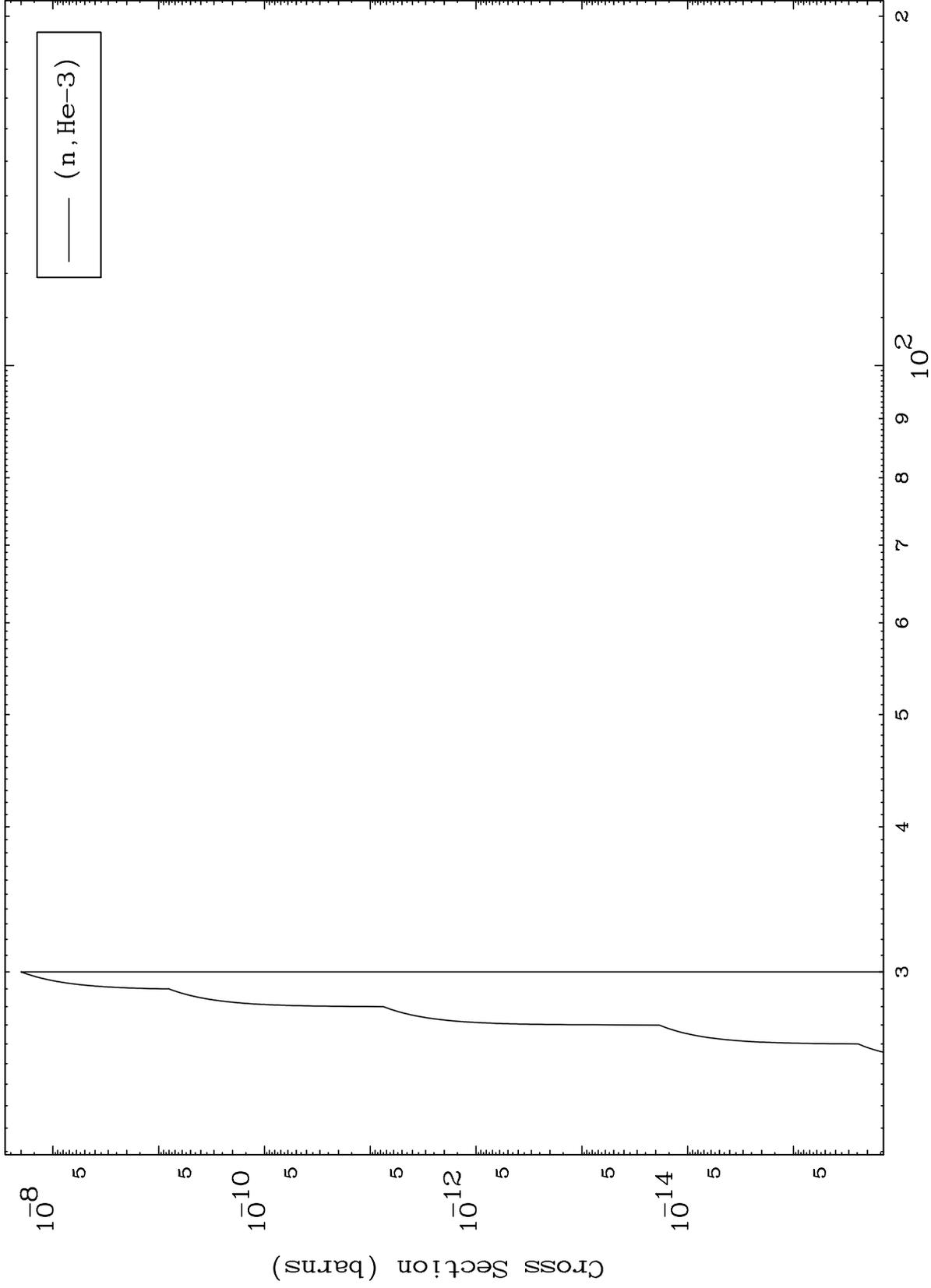
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-80m



14

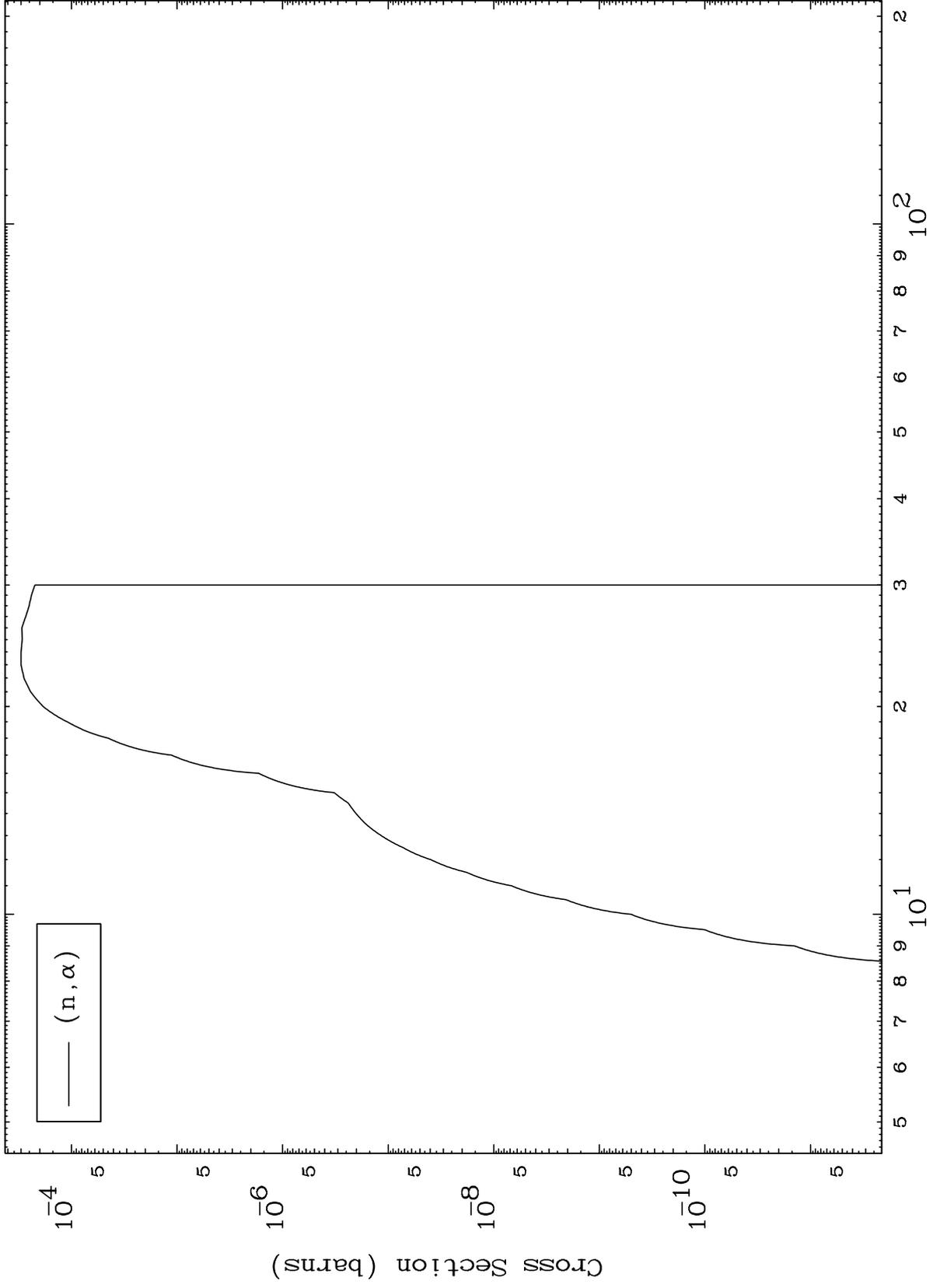
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-80m



15

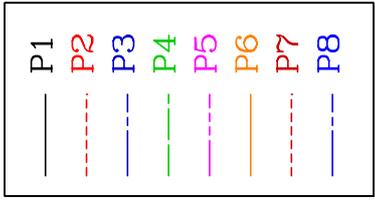
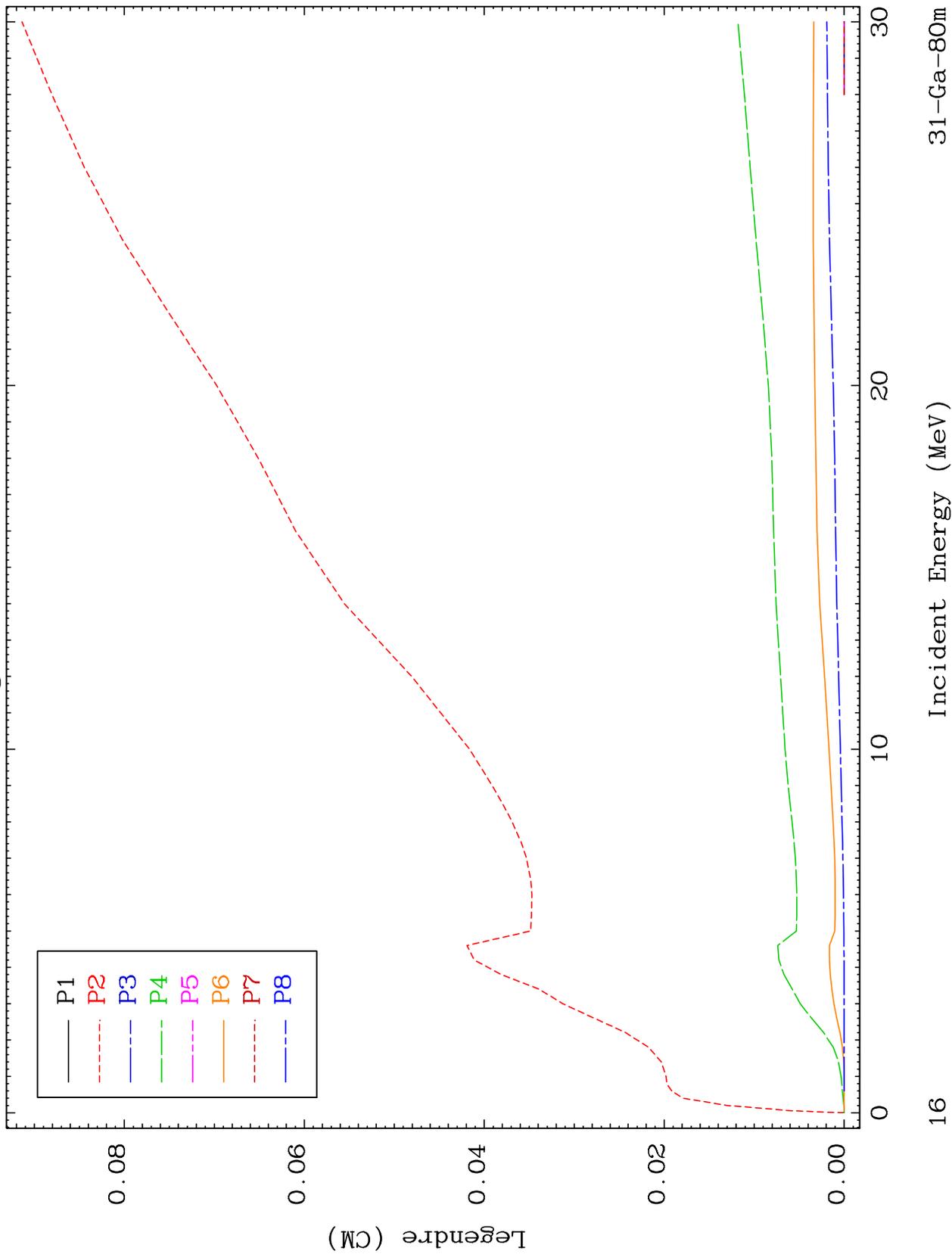
Incident Energy (MeV)

31-Ga-80m

MAT 3159

Elastic Legendre Coefficients

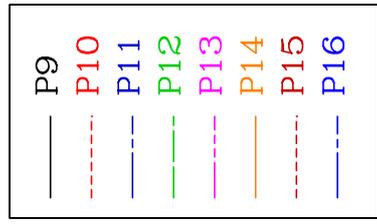
³¹Ga-80m



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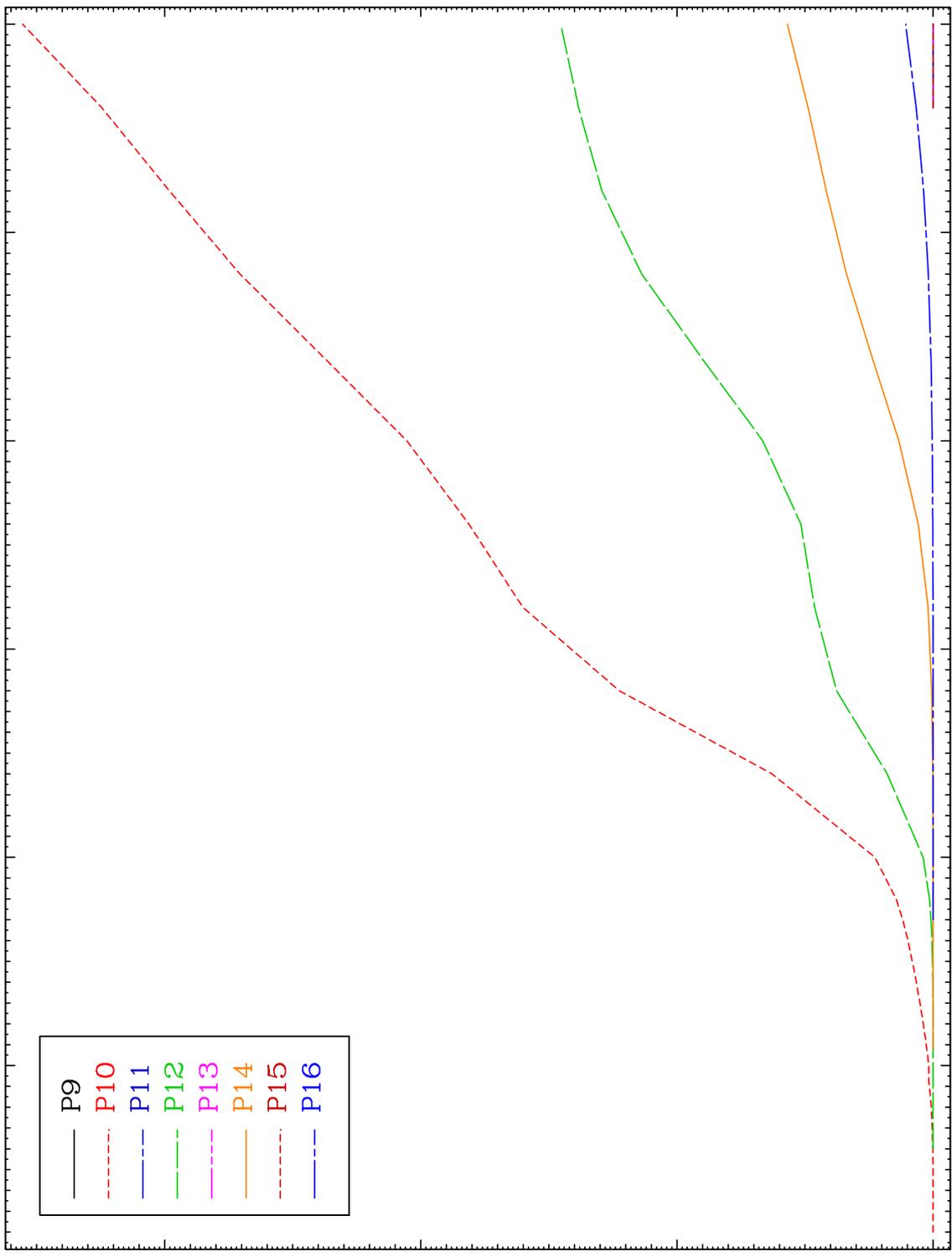
Elastic Legendre Coefficients

31-Ga-80m



$\times 10^{-4}$

Legendre (CM)



17

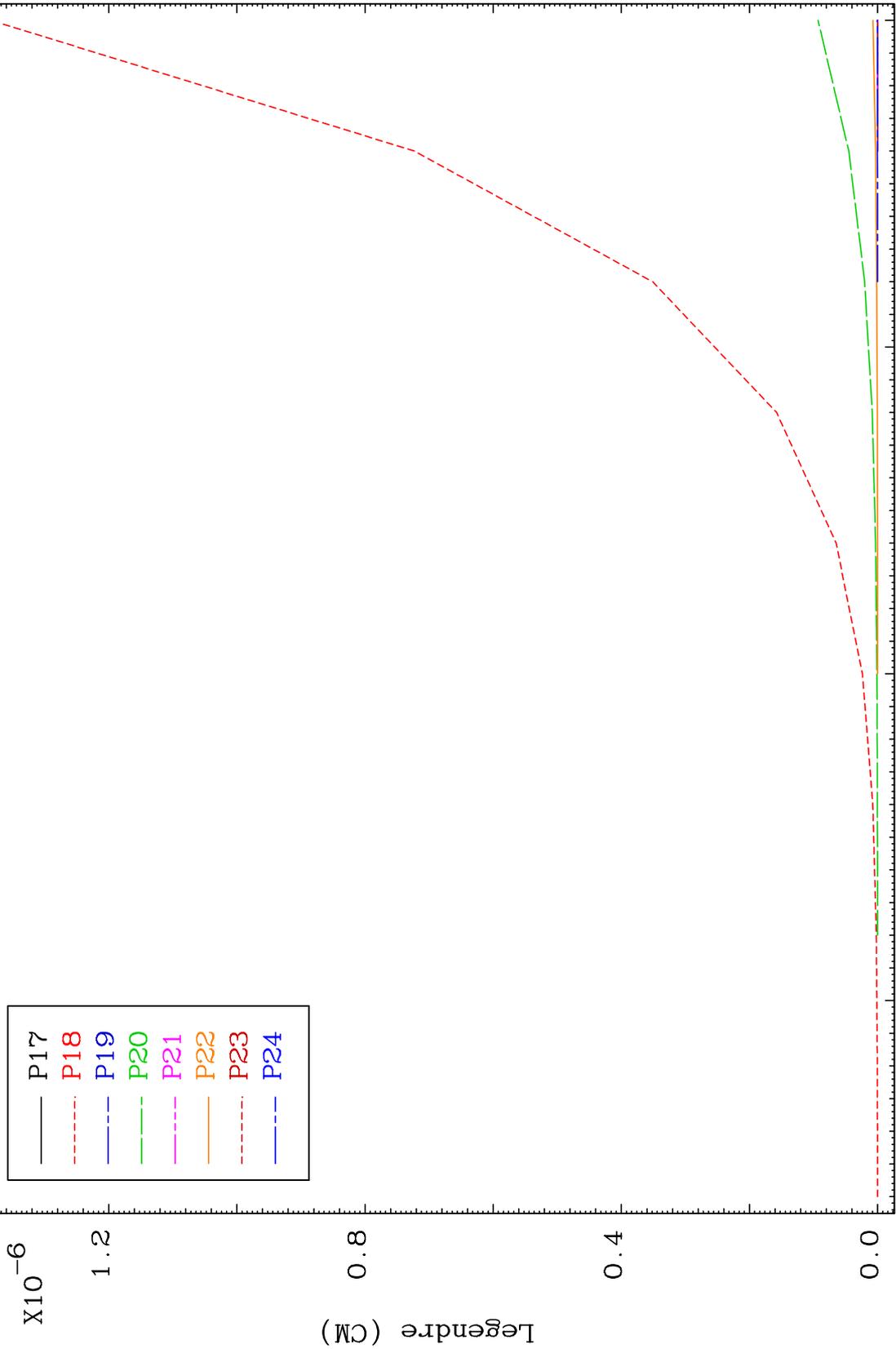
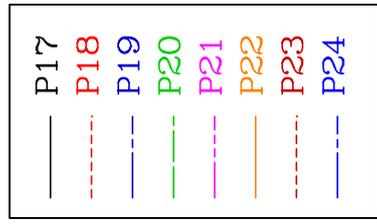
Incident Energy (MeV)

31-Ga-80m

MAT 3159

Elastic Legendre Coefficients

31-Ga-80m



18

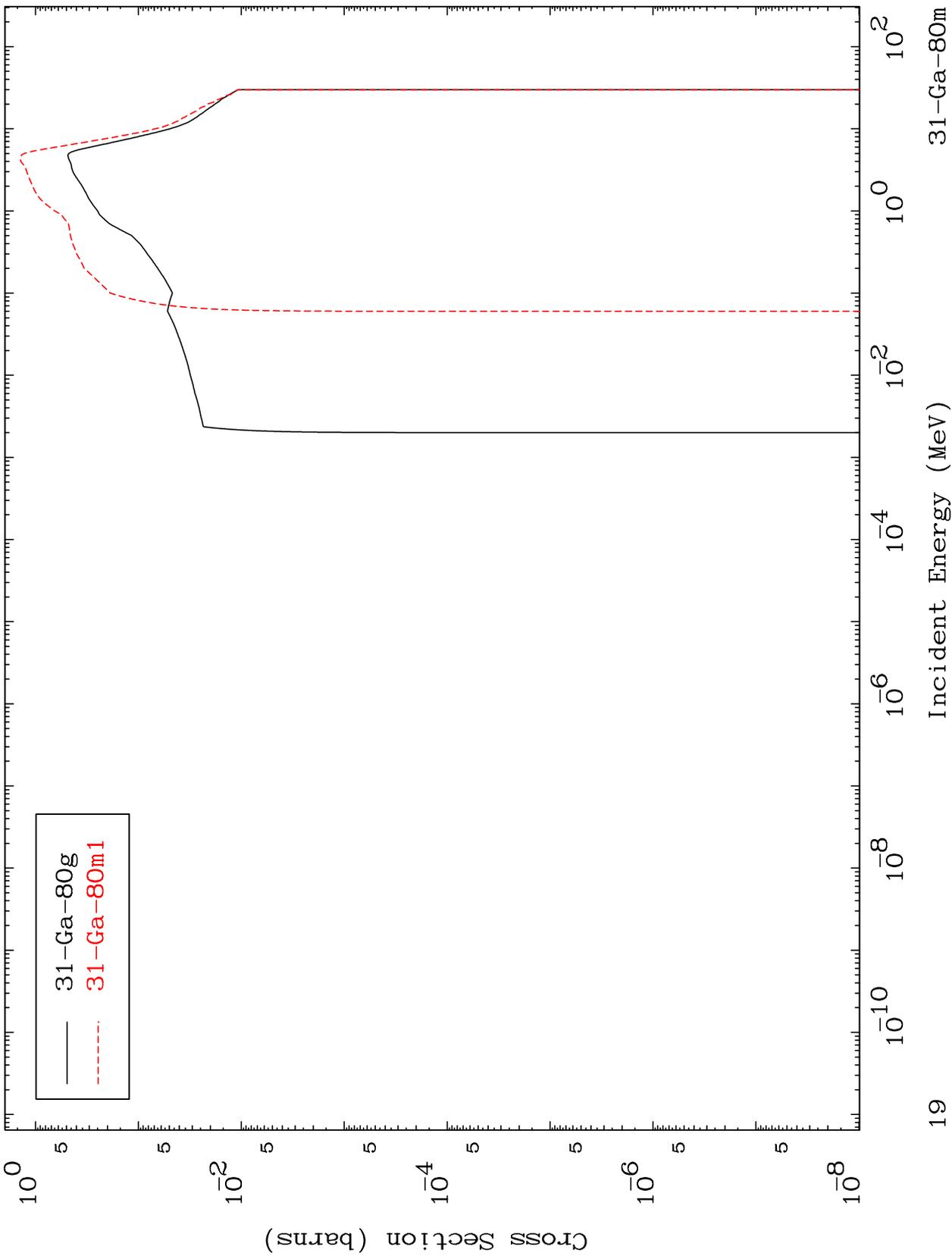
Incident Energy (MeV)

31-Ga-80m

MAT 3159

31-Ga-80m

Inelastic
Radionuclide Production Cross Section

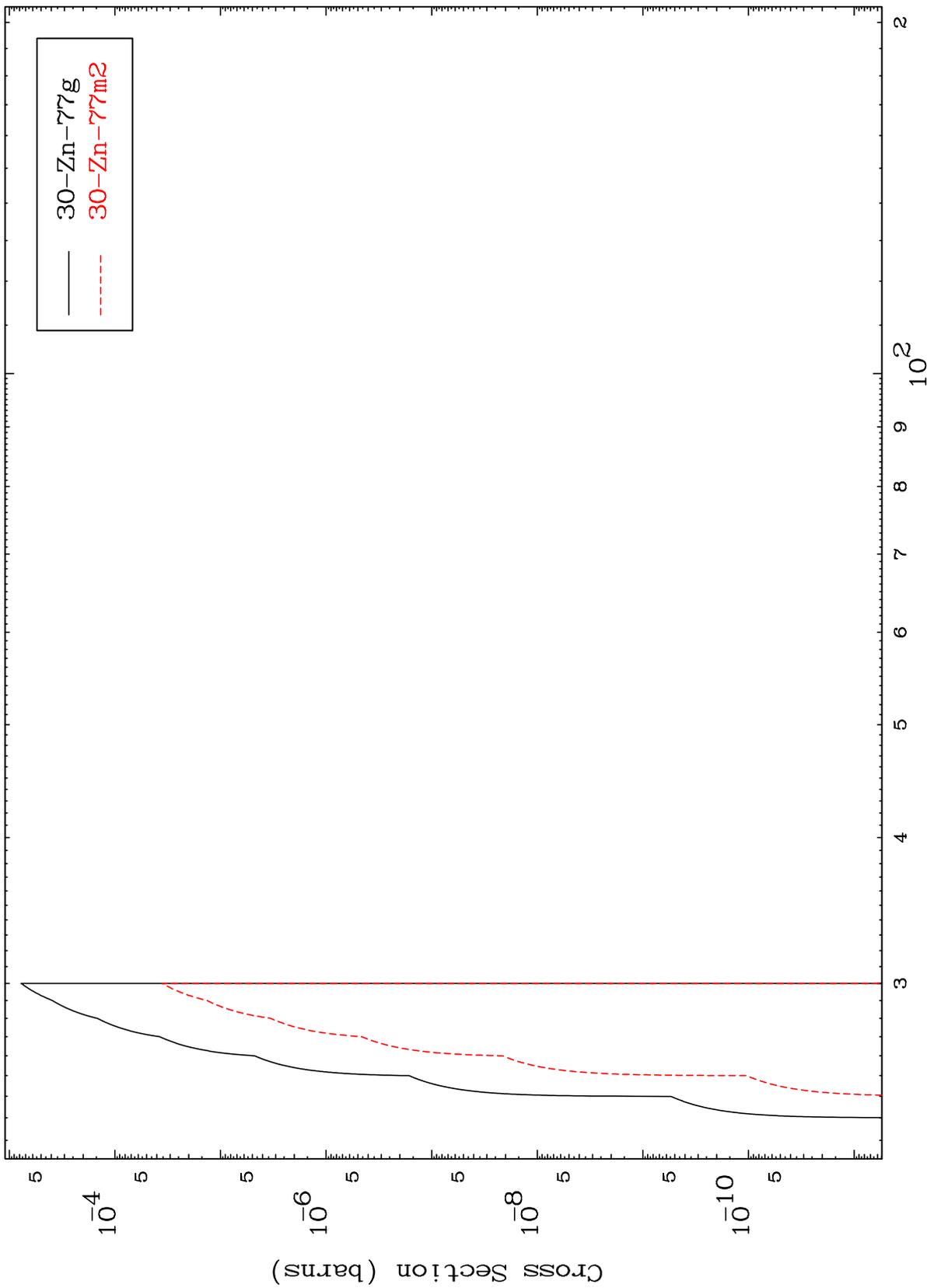


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(n,2n) d

31-Ga-80m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

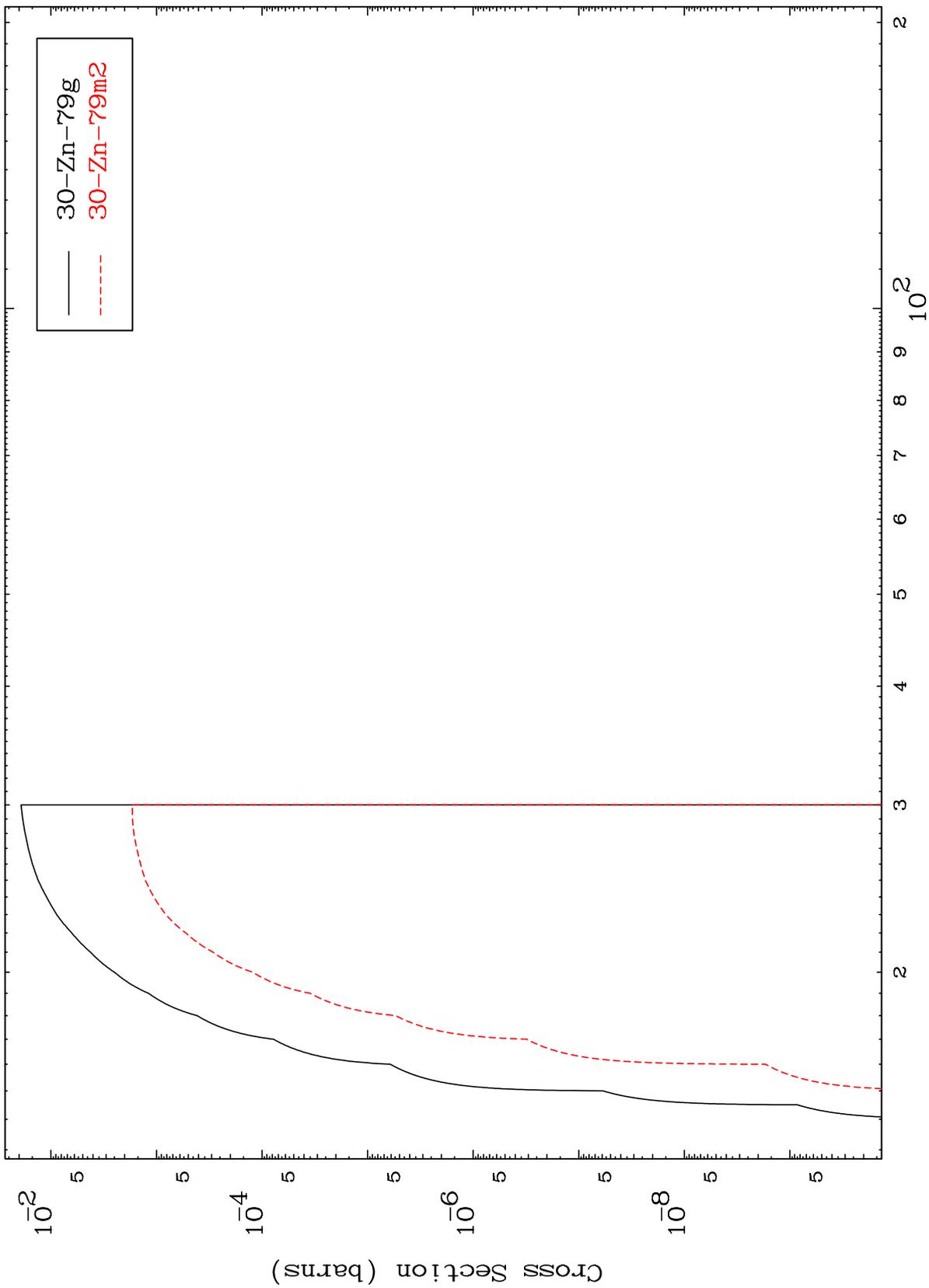
31-Ga-80m

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(n, n') p

31-Ga-80m

Radionuclide Production Cross Section

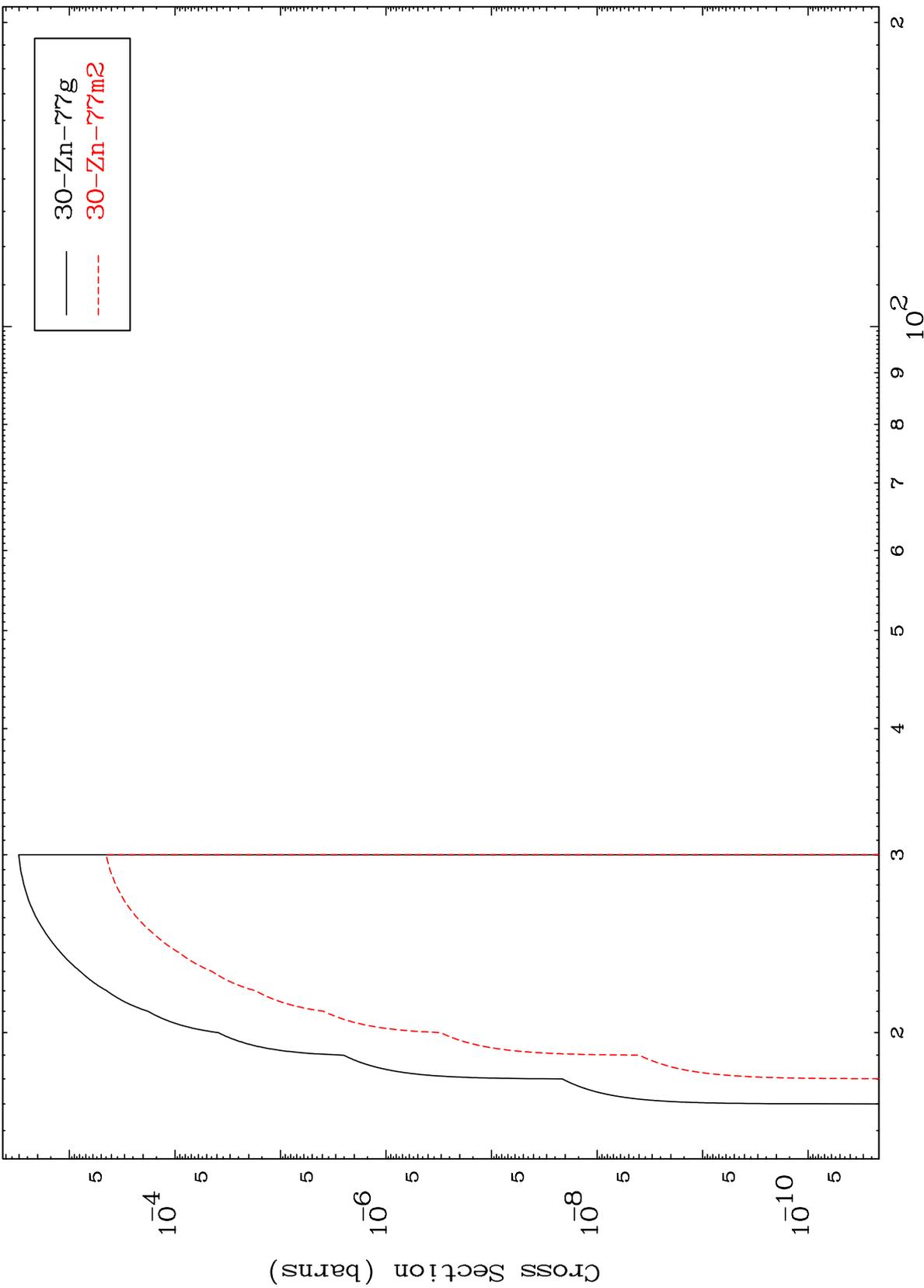


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Incident Energy (MeV)

31-Ga-80m

Radionuclide Production Cross Section

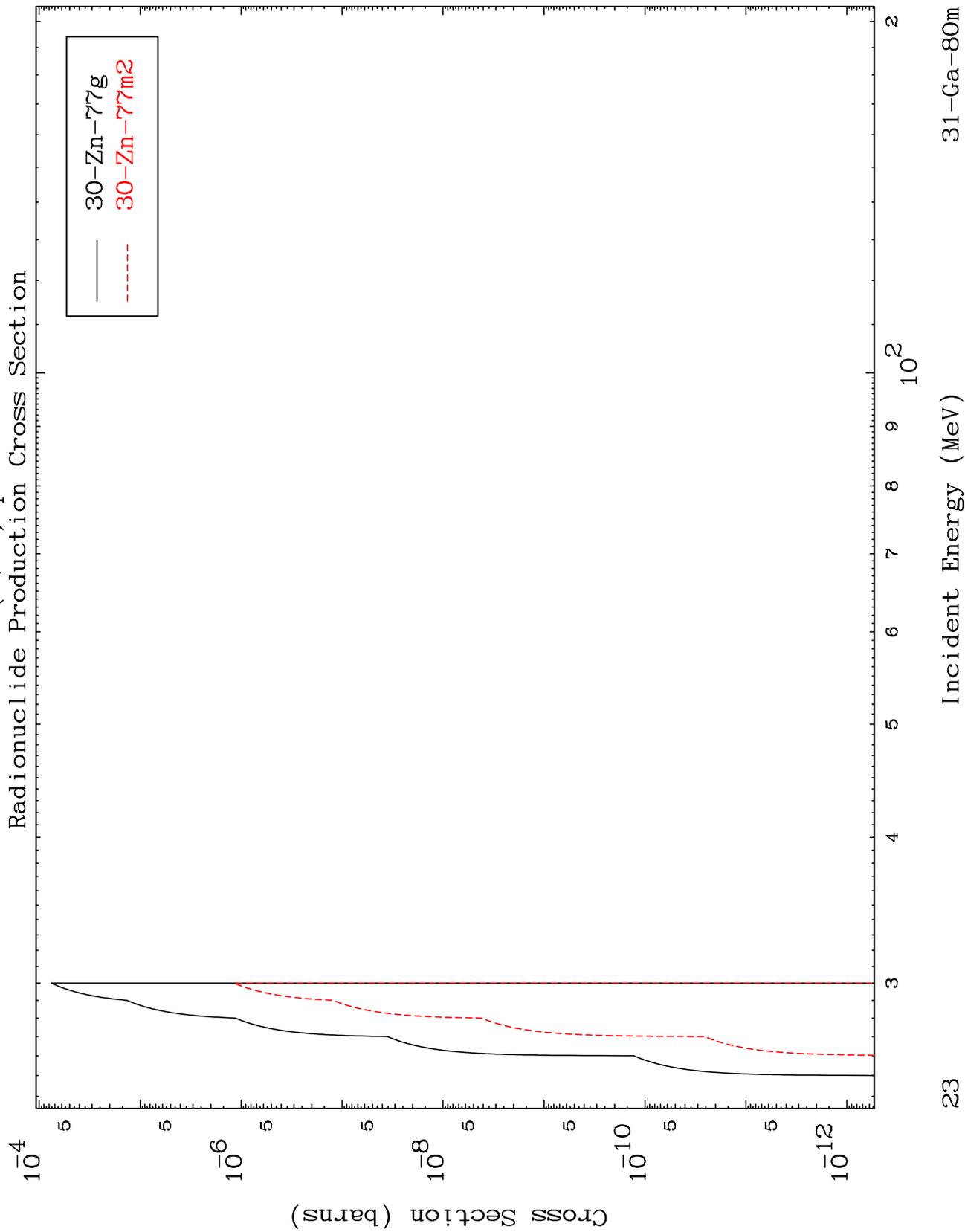


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(n,3n) p

31-Ga-80m

Radionuclide Production Cross Section



23

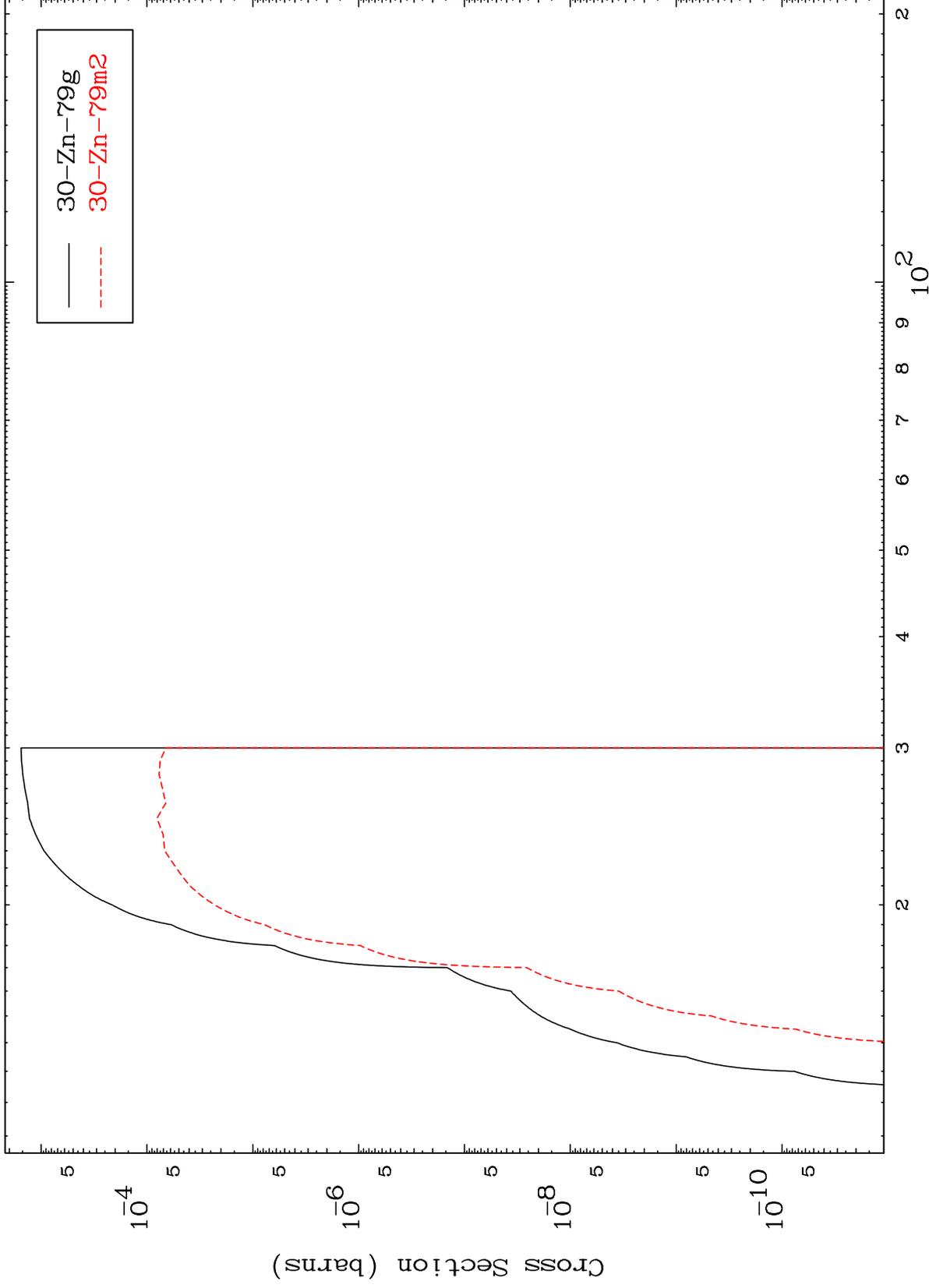
31-Ga-80m

MAT 3159

(n,d)

31-Ga-80m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

31-Ga-80m