

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

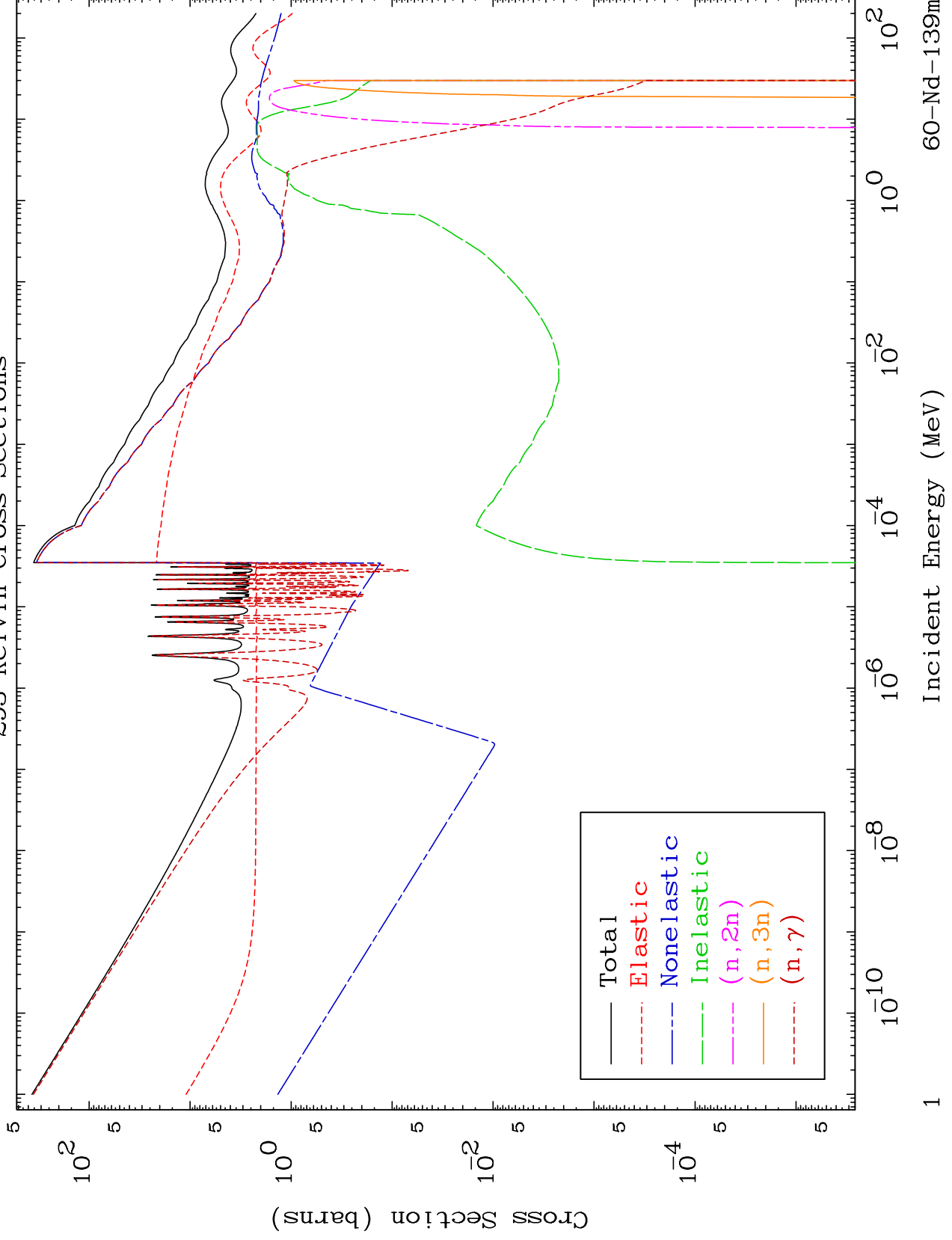
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6017

Neutron Major
293 Kelvin Cross Sections

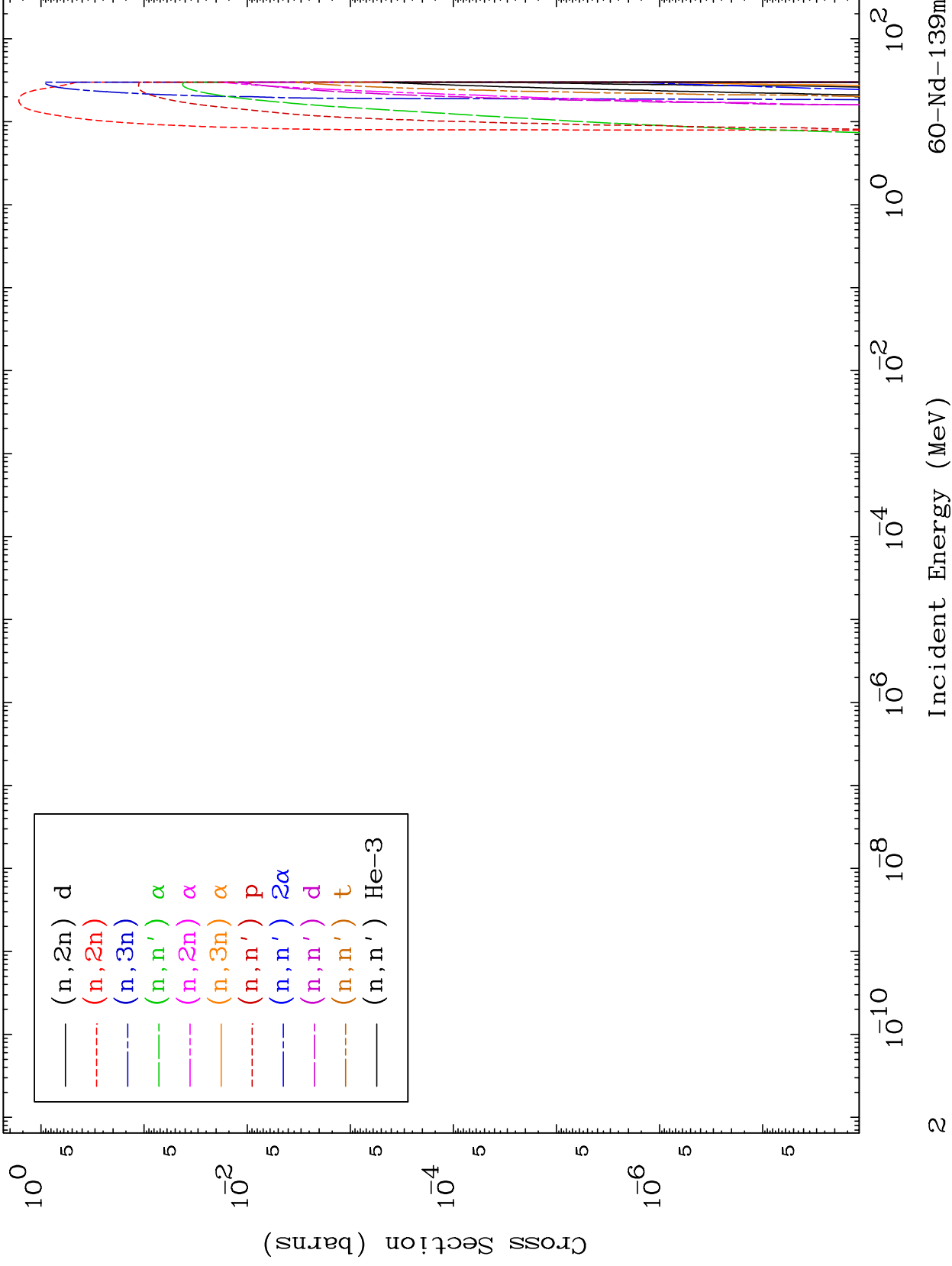
60-Nd-139m



MAT 6017

Neutron Absorption
293 Kelvin Cross Sections

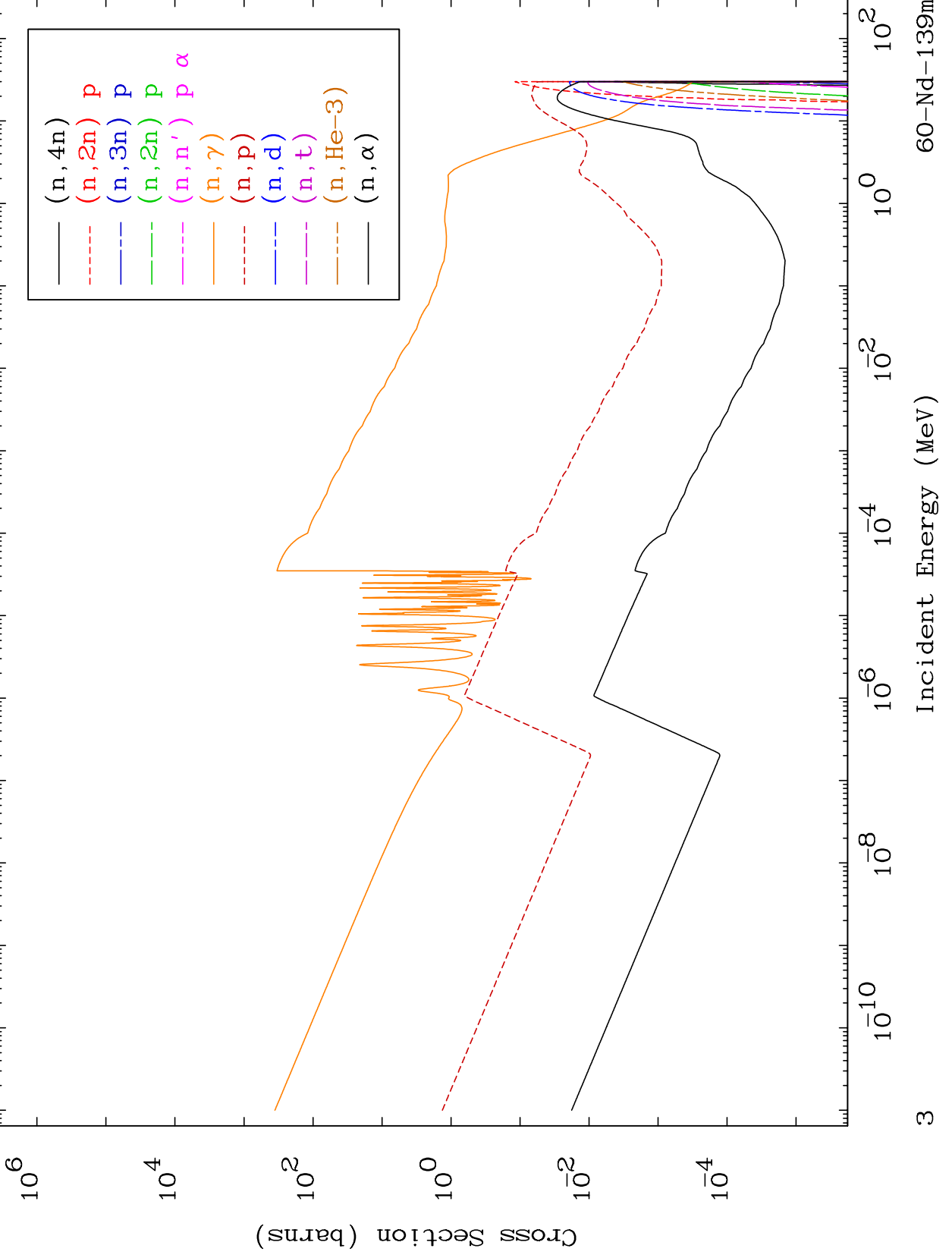
60-Nd-139m



MAT 6017

Neutron Absorption
293 Kelvin Cross Sections

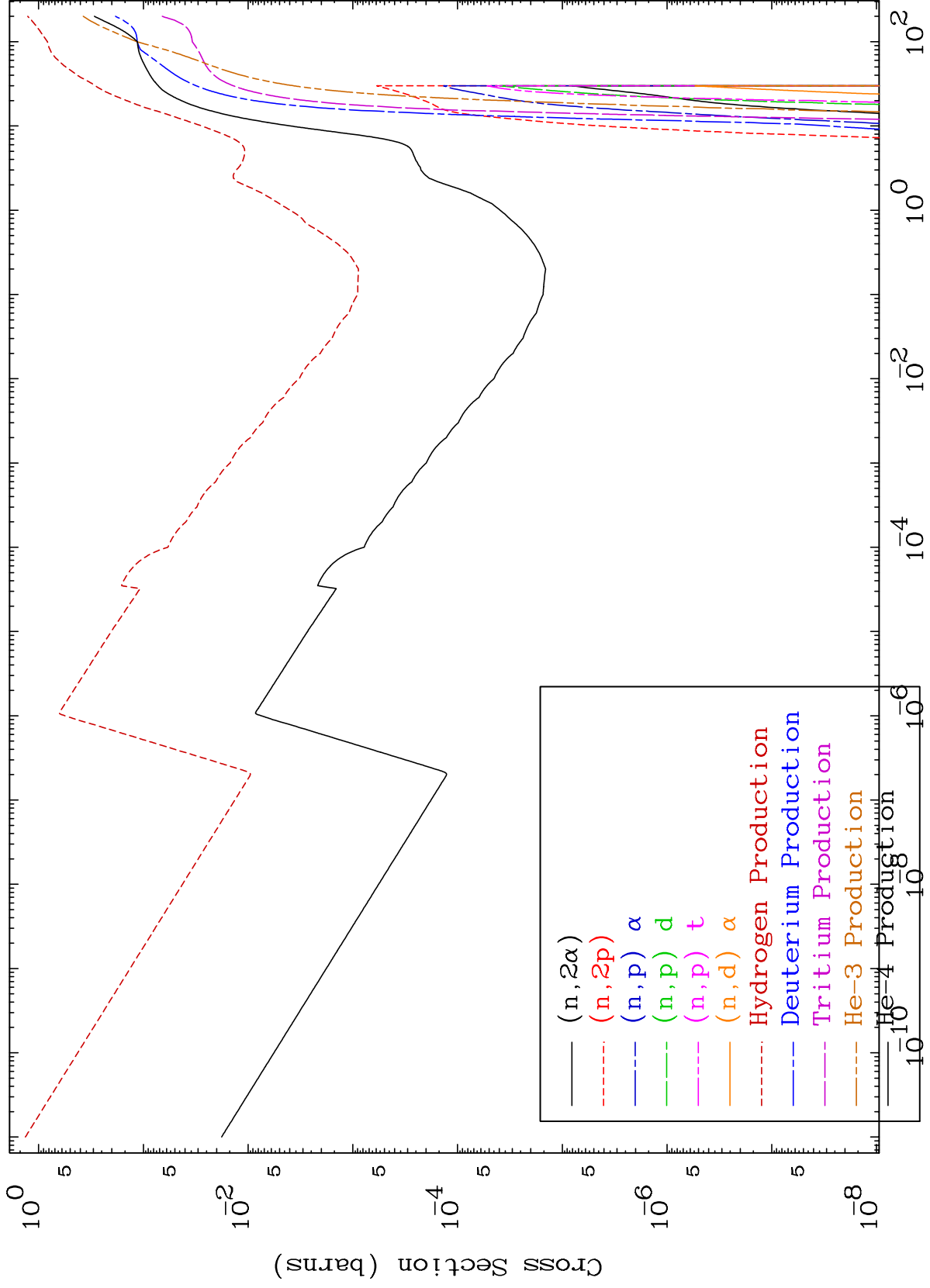
60-Nd-139m



MAT 6017

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-139m



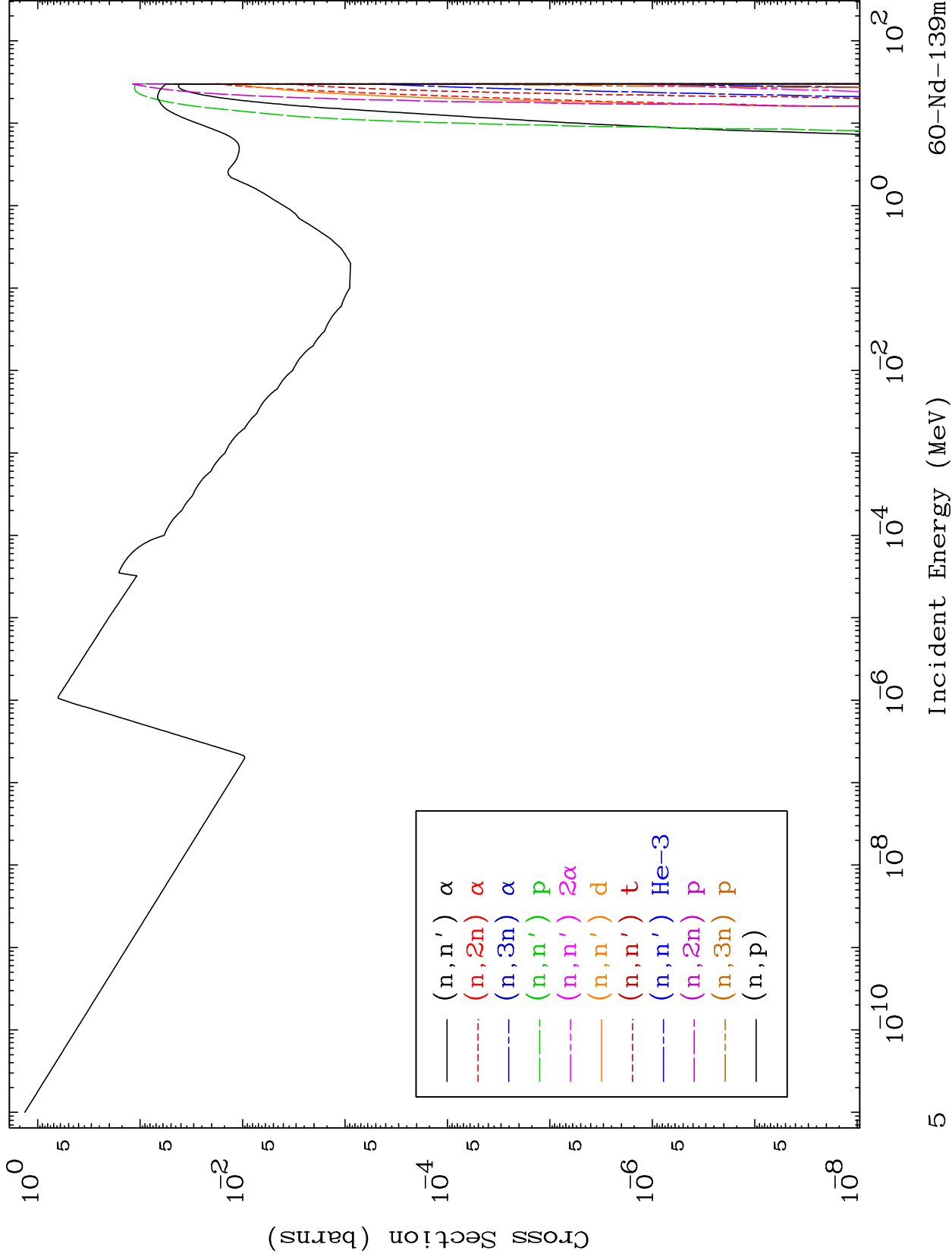
Incident Energy (MeV)

60-Nd-139m

MAT 6017

Charged Particle
293 Kelvin Cross Sections

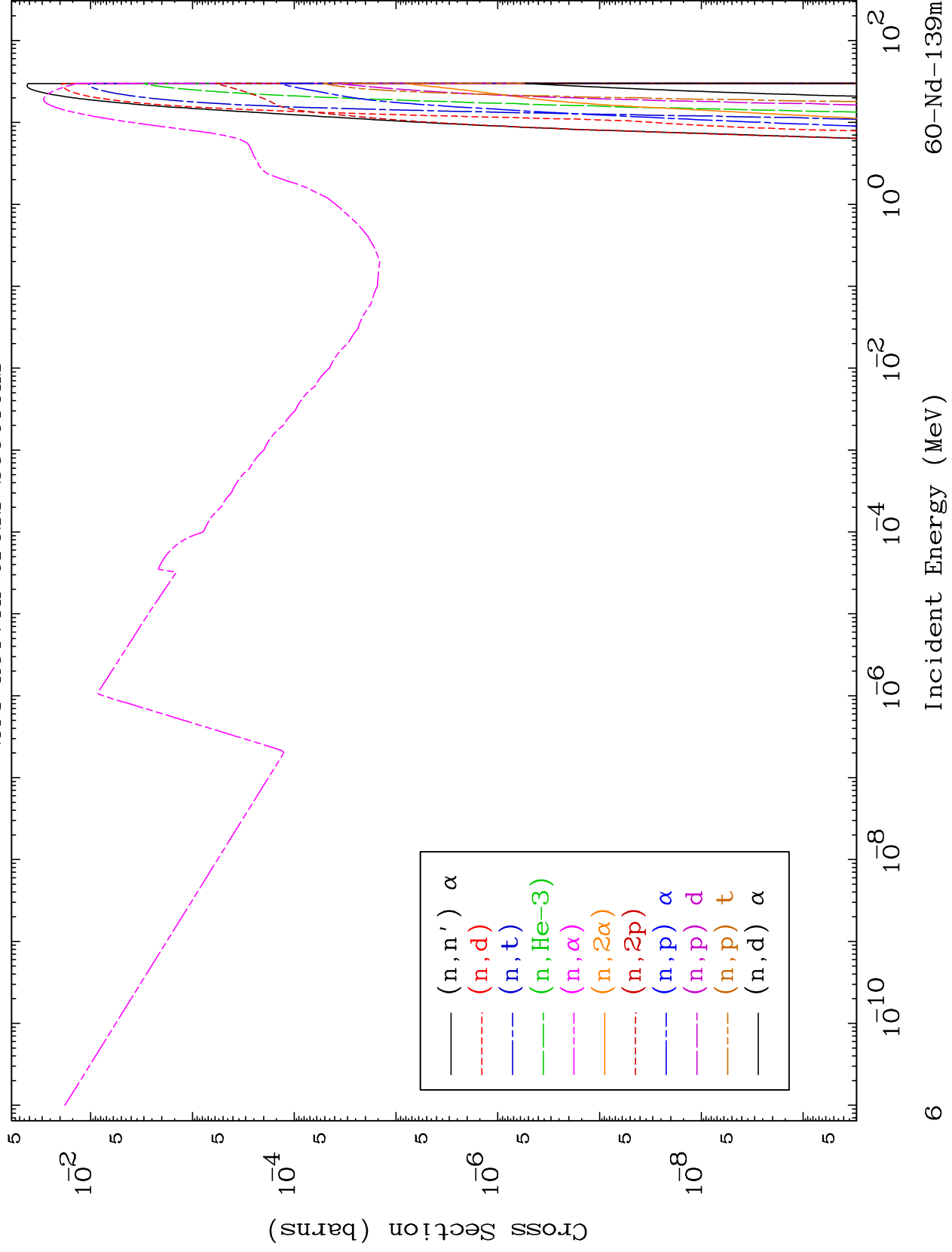
60-Nd-139m



MAT 6017

Charged Particle
293 Kelvin Cross Sections

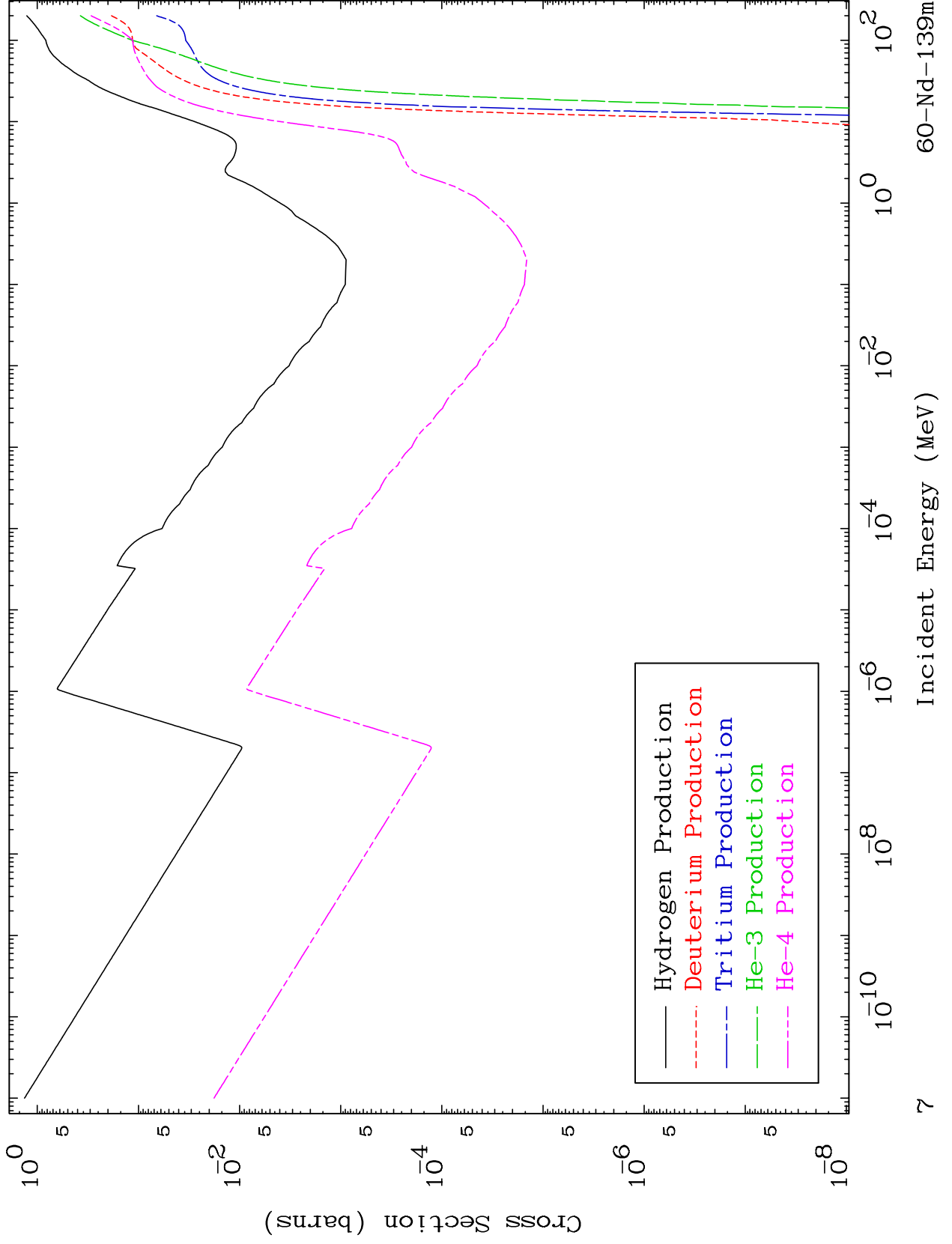
60-Nd-139m



MAT 6017

Particle Production
293 Kelvin Cross Sections

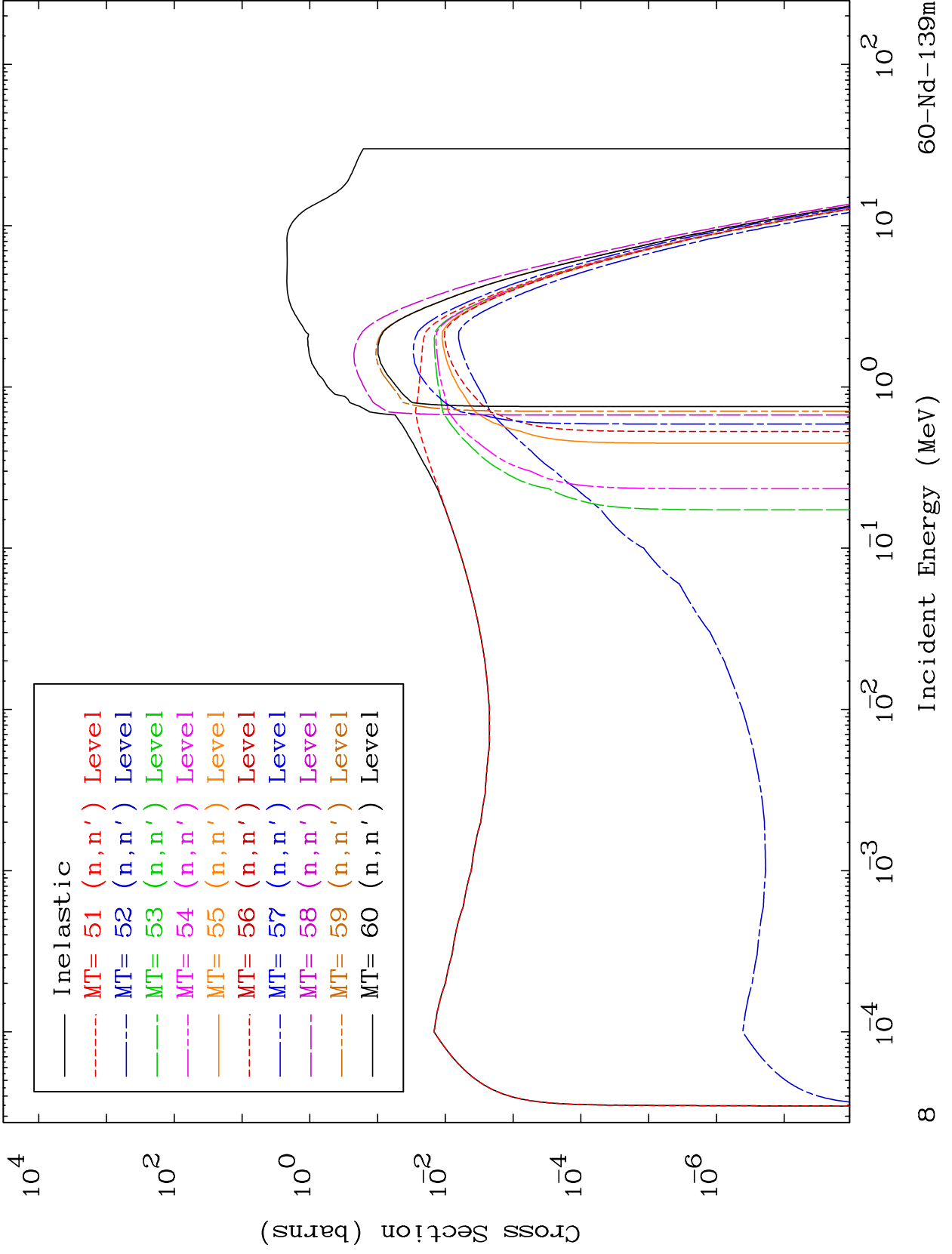
60-Nd-139m



MAT 6017

(n,n') Levels
293 Kelvin Cross Sections

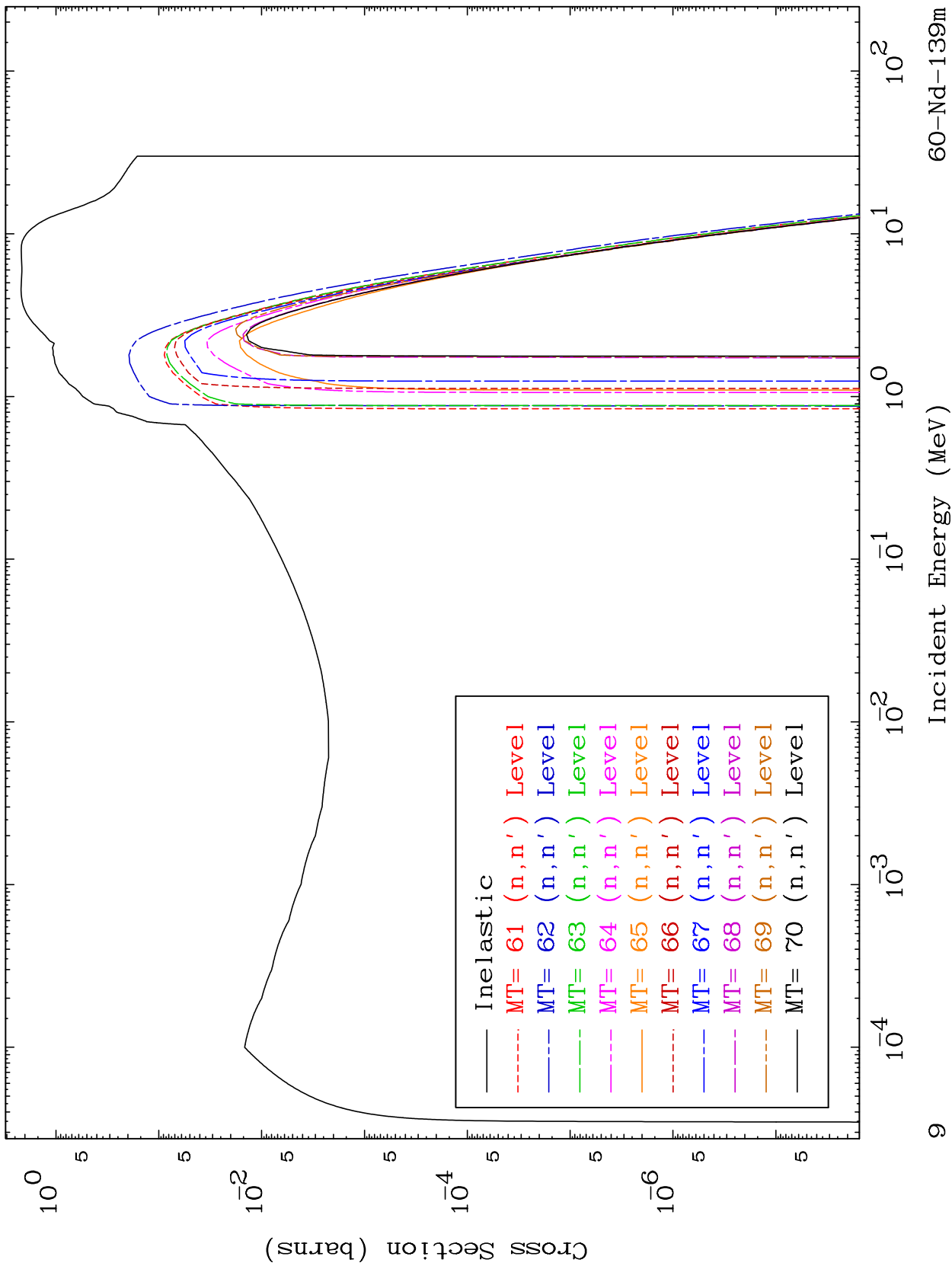
60-Nd-139m



MAT 6017

(n,n') Levels
293 Kelvin Cross Sections

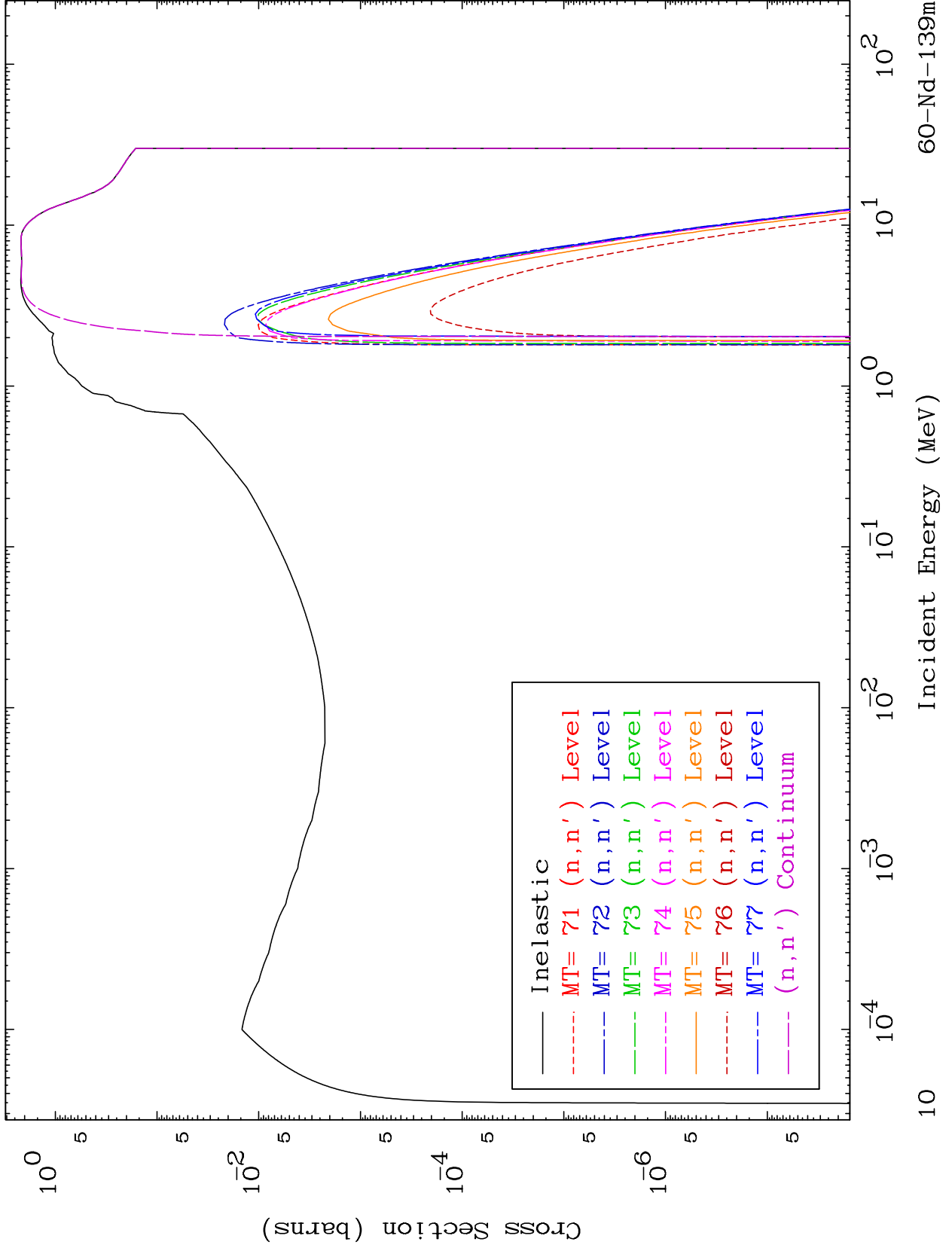
60-Nd-139m



MAT 6017

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-139m



10

10^{-4}

10^{-3}

10^{-2}

10^{-1}

10^0

10^1

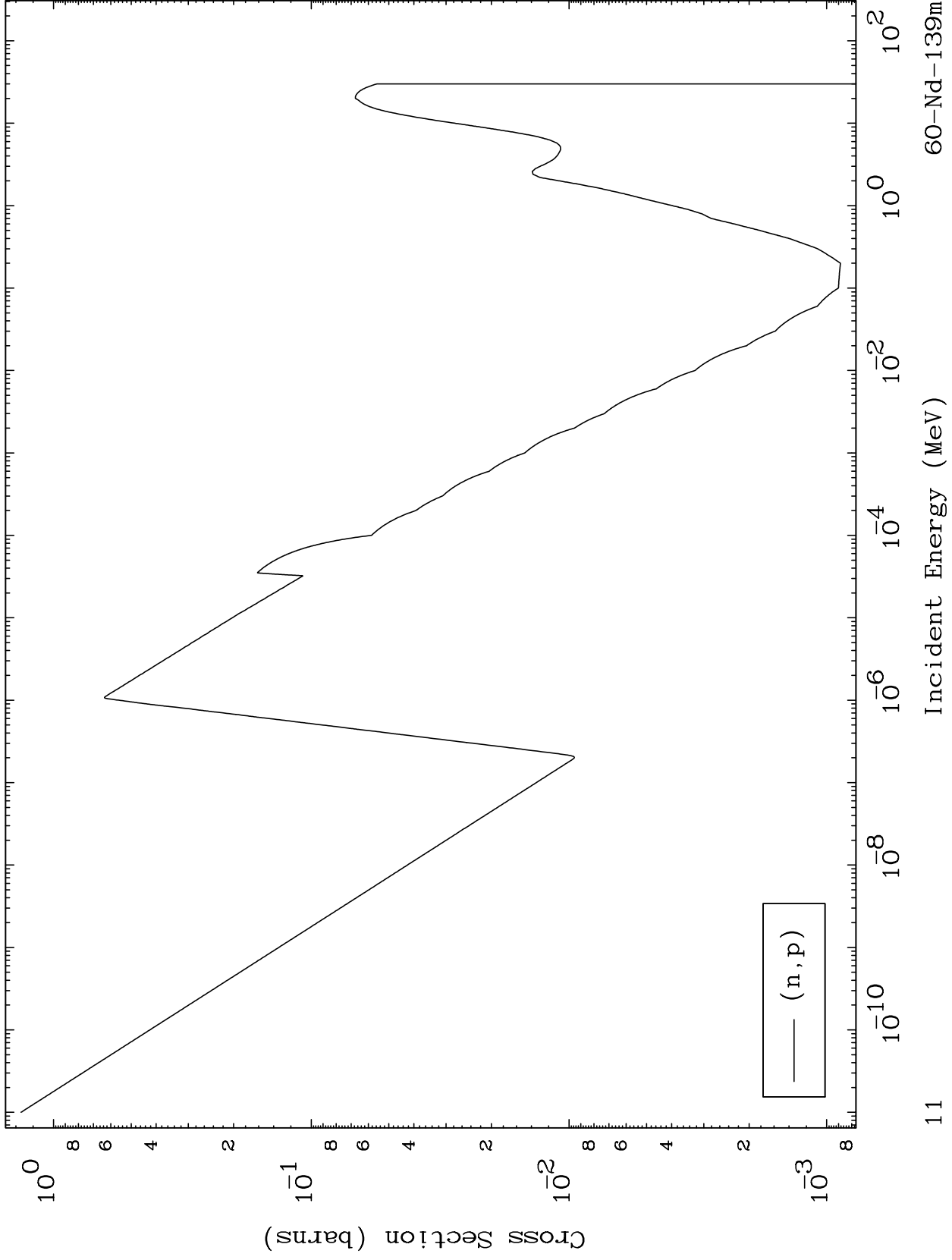
10^2

60-Nd-139m

MAT 6017

(n,p) Levels
293 Kelvin Cross Sections

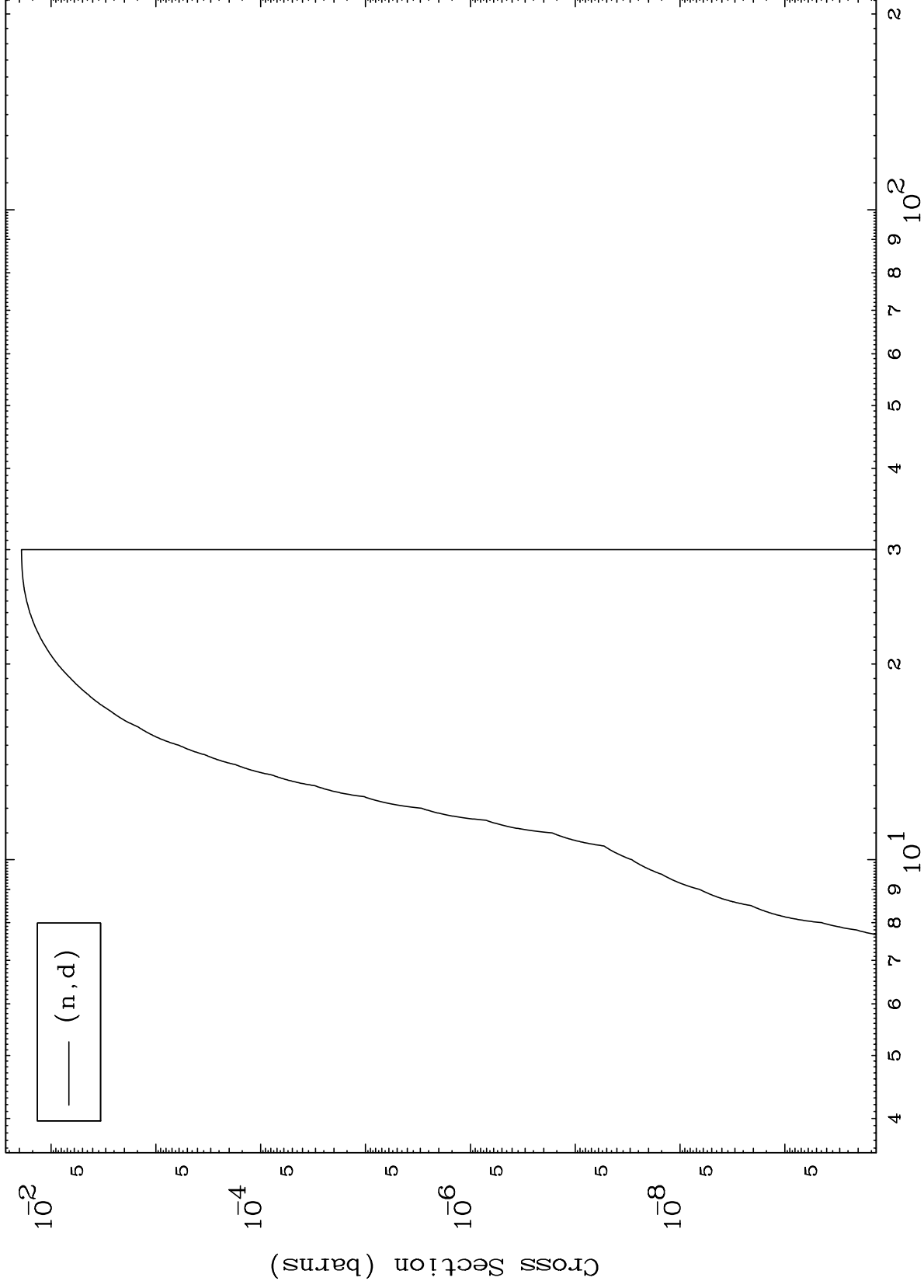
60-Nd-139m



MAT 6017

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-139m



12

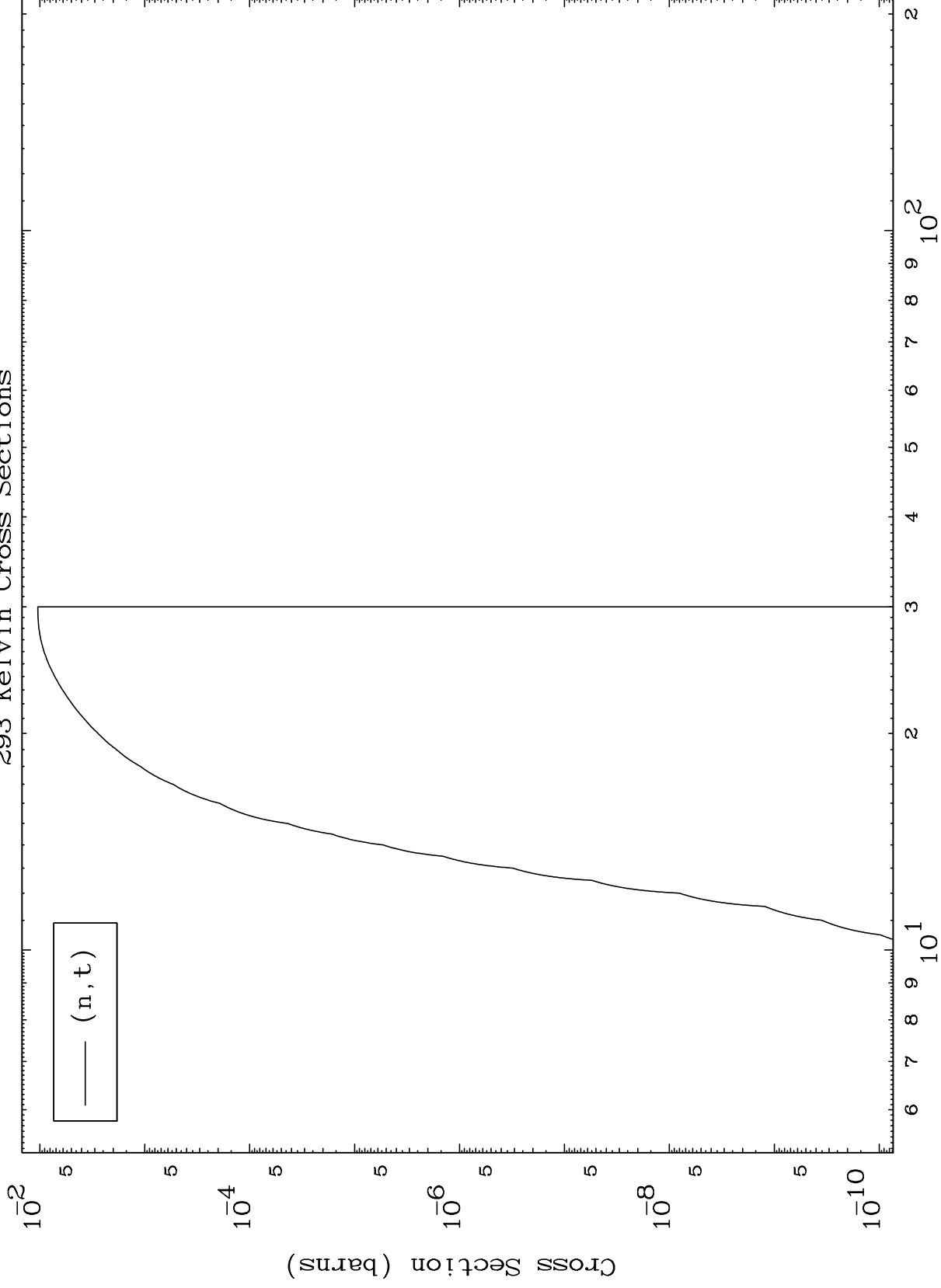
Incident Energy (MeV)

60-Nd-139m

MAT 6017

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-139m



13

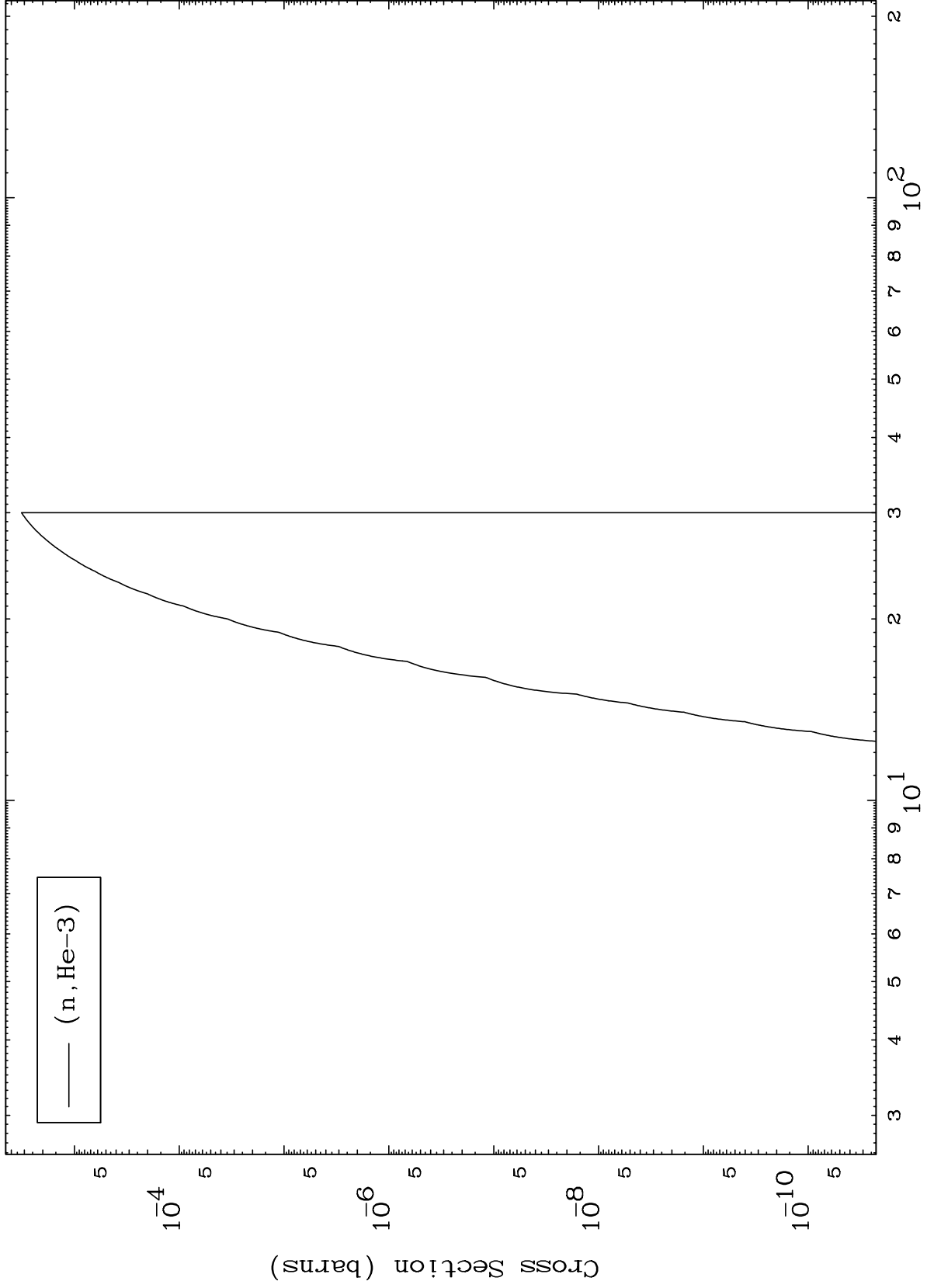
Incident Energy (MeV)

60-Nd-139m

MAT 6017

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-139m



14

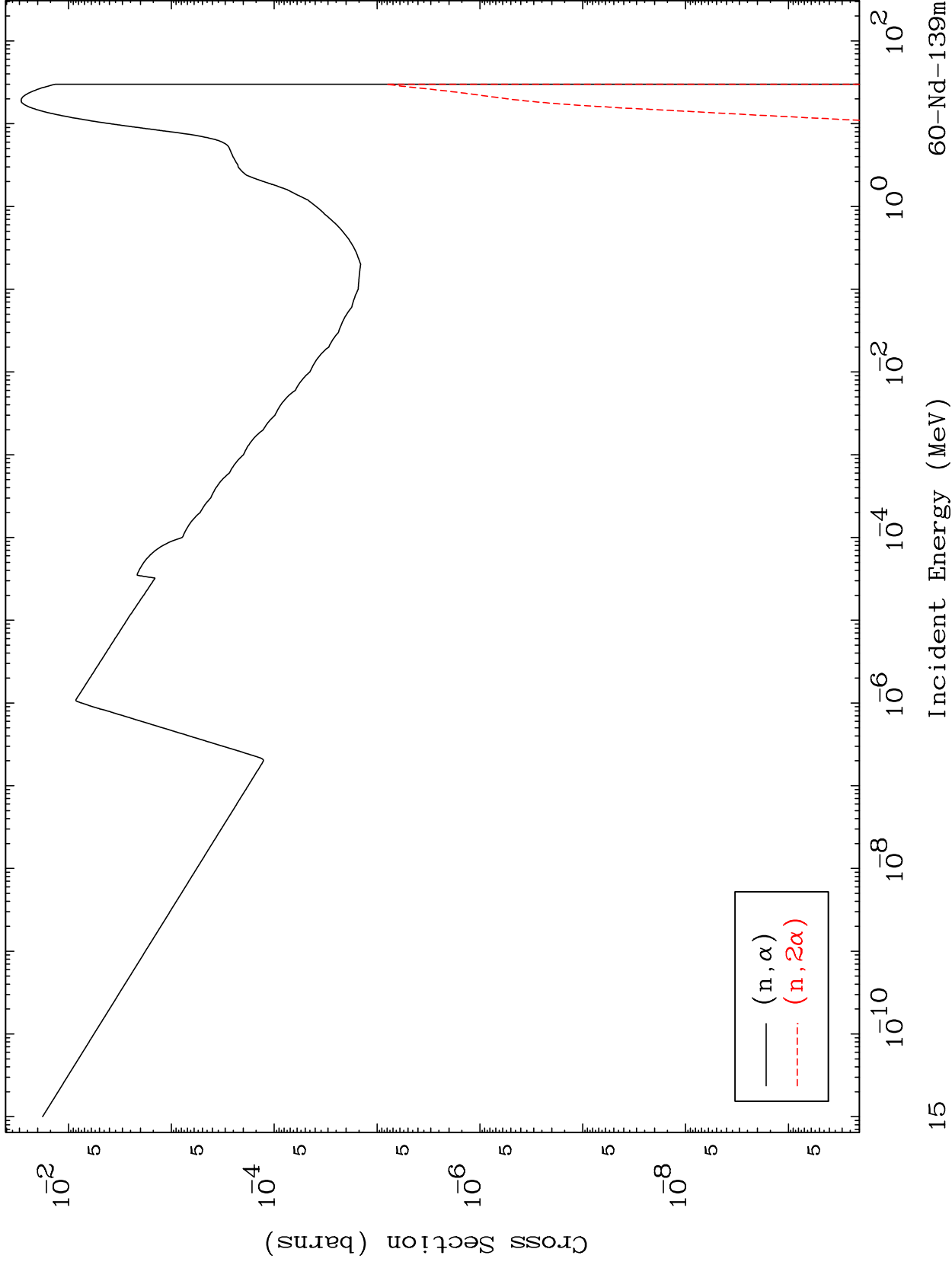
Incident Energy (MeV)

60-Nd-139m

MAT 6017

(n, α) Levels
293 Kelvin Cross Sections

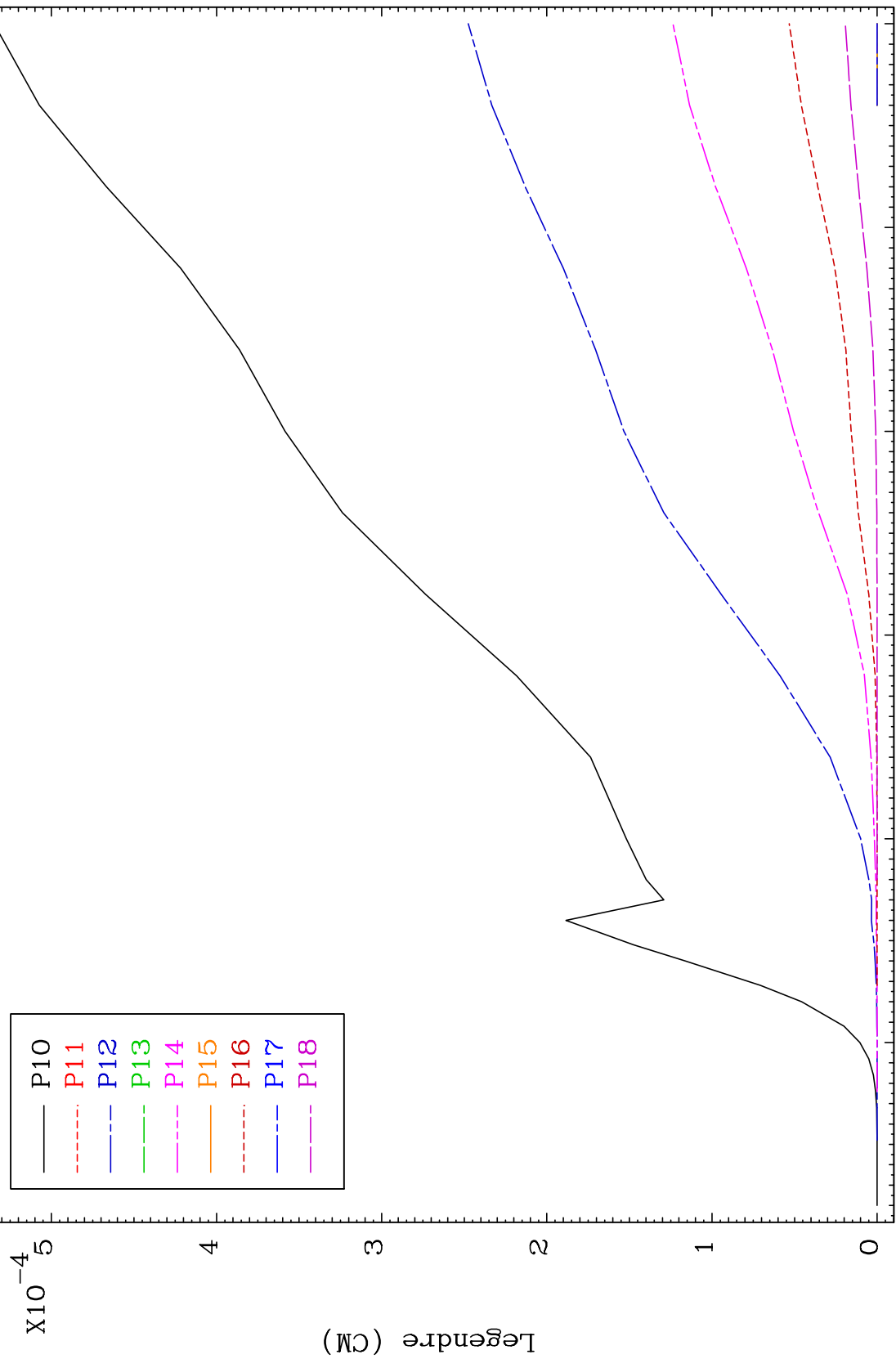
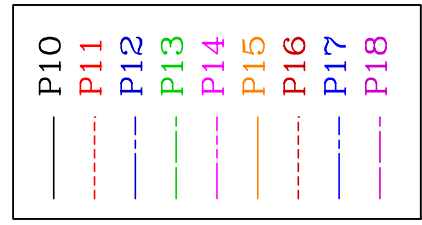
60-Nd-139m



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Elastic Legendre Coefficients

60-Nd-139m



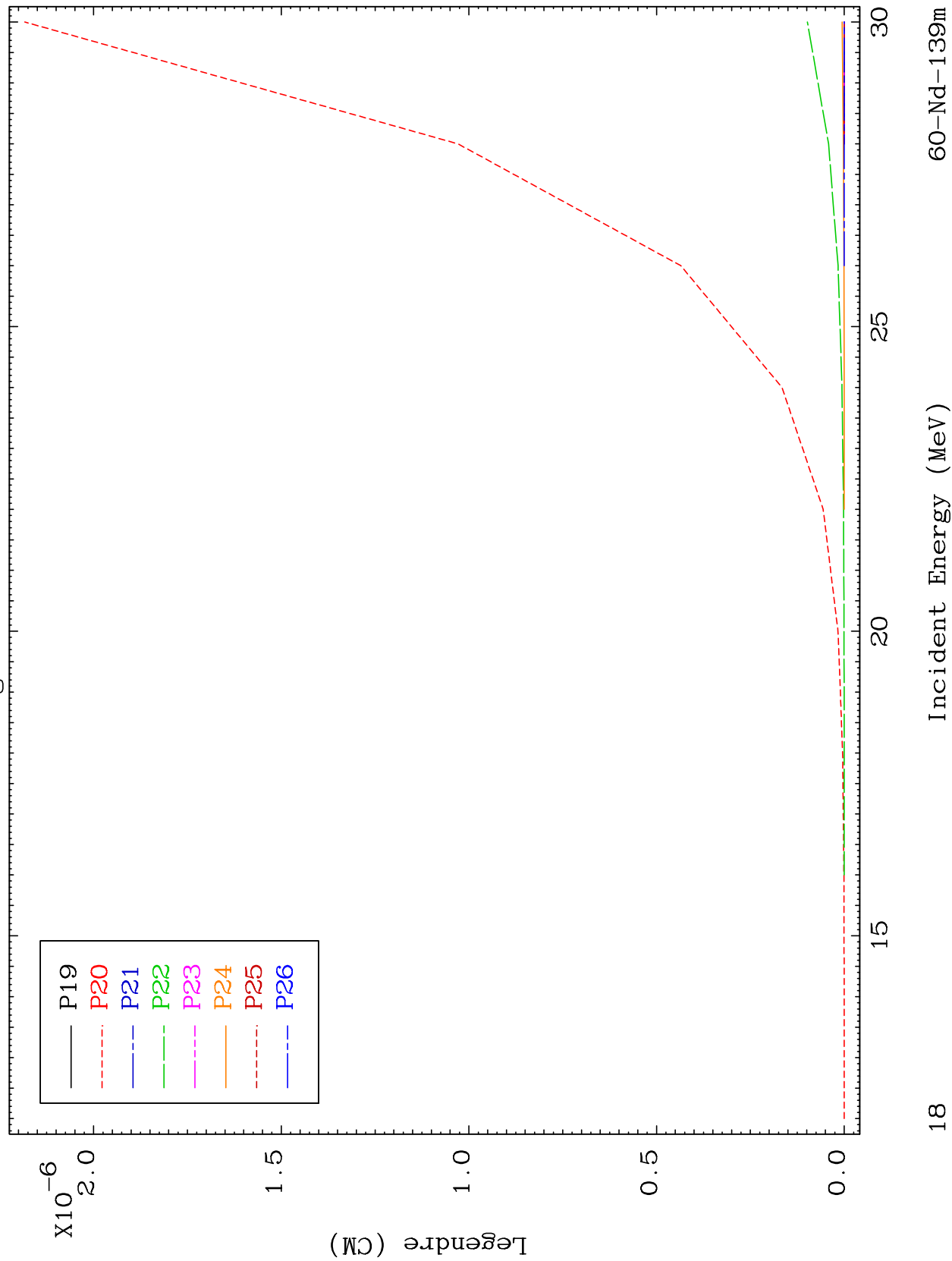
17

60-Nd-139m

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Elastic Legendre Coefficients

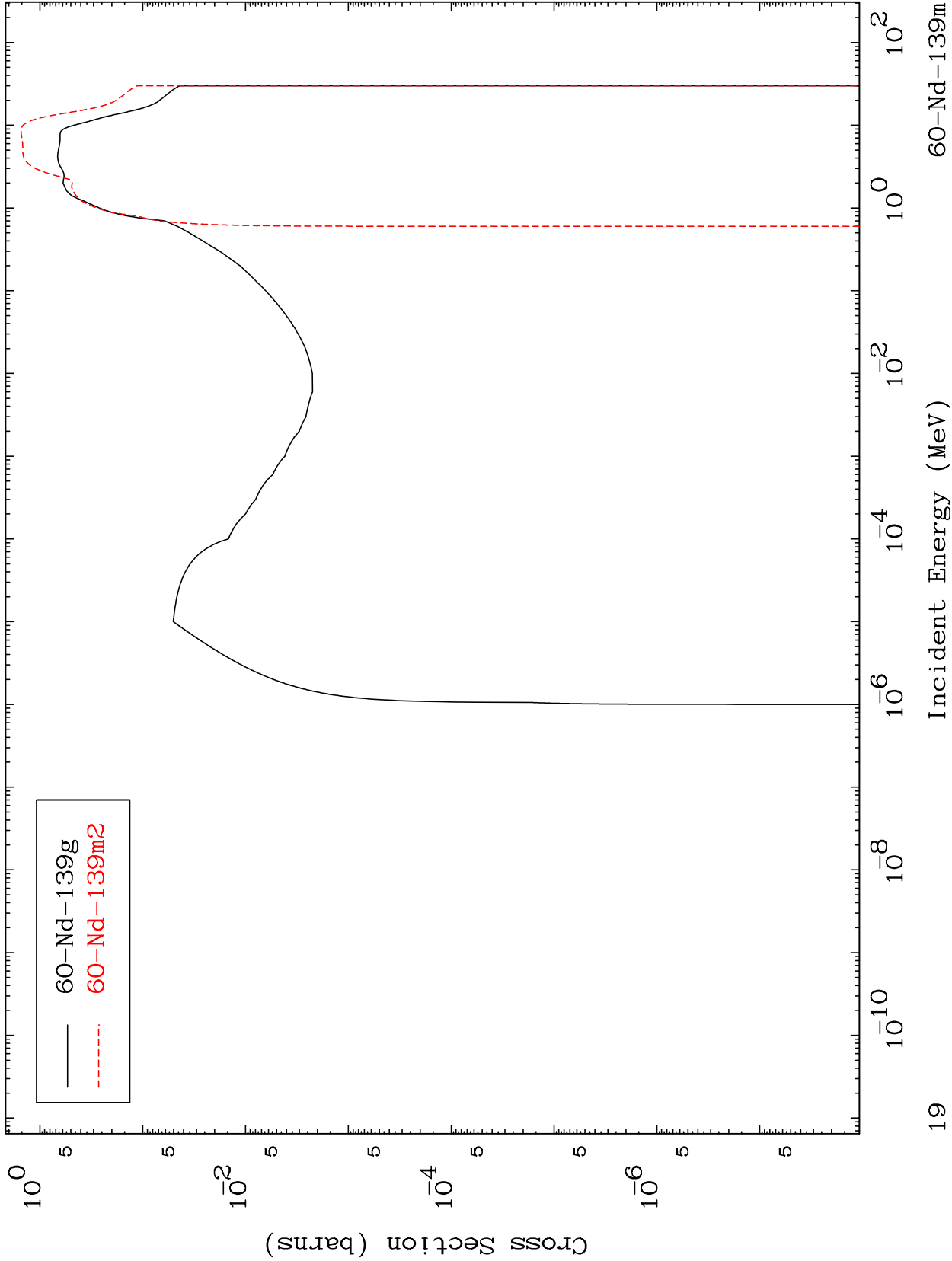
60-Nd-139m



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Inelastic
Radionuclide Production Cross Section

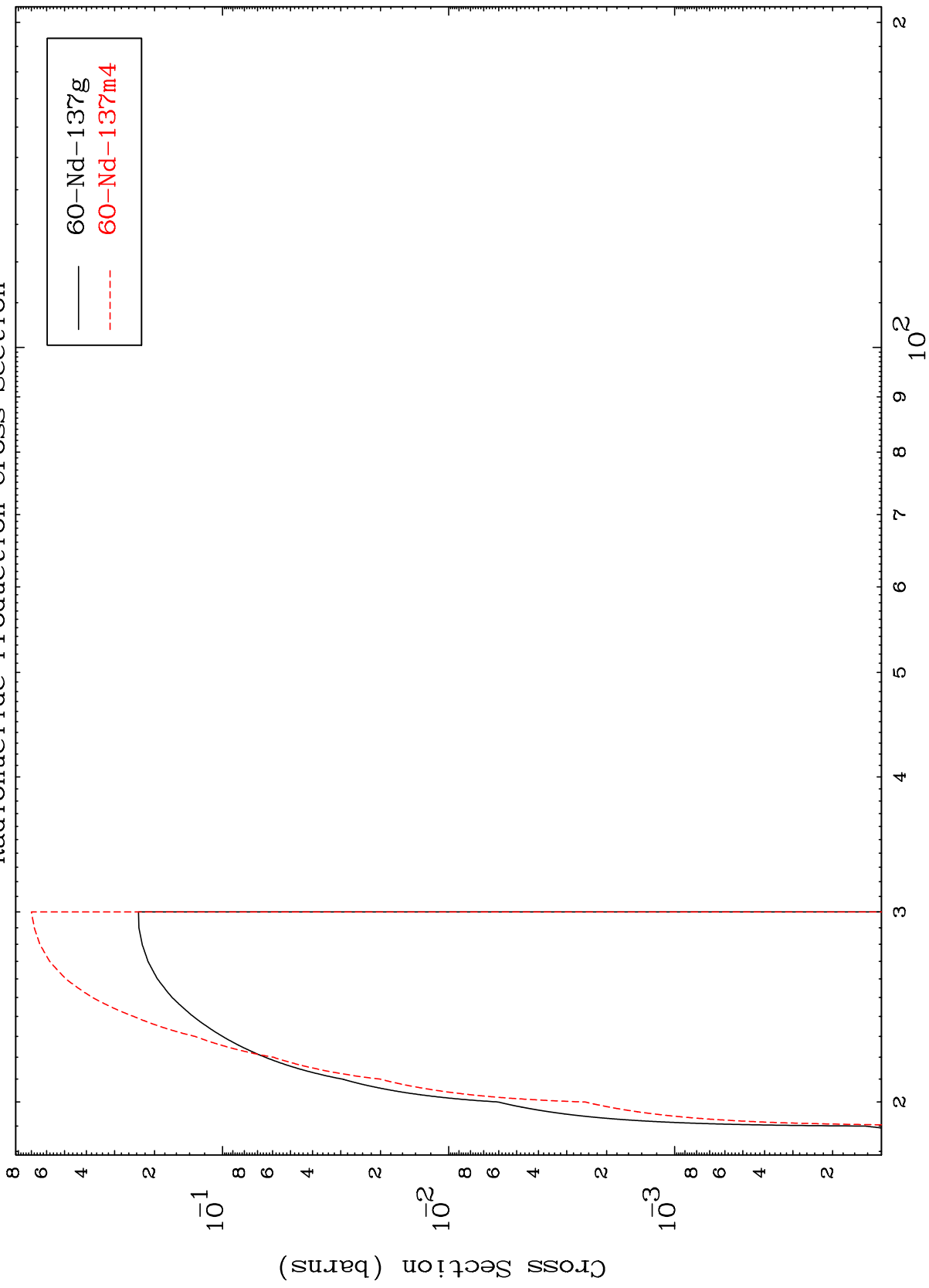
60-Nd-139m



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60-Nd-139m

(n,3n)
Radionuclide Production Cross Section



60-Nd-139m

Incident Energy (MeV)

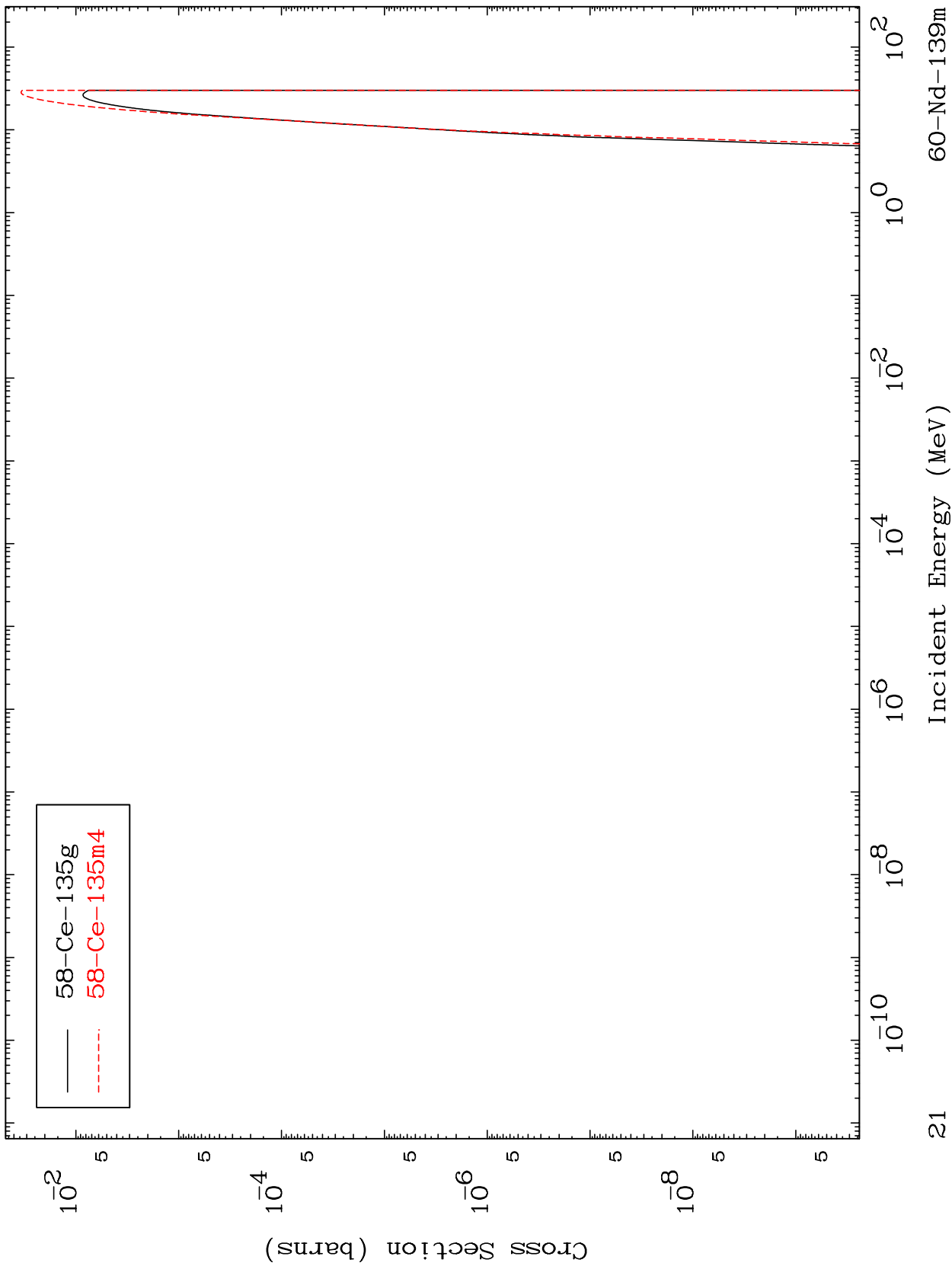
20

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$(n, n') \alpha$

60-Nd-139m

Radionuclide Production Cross Section

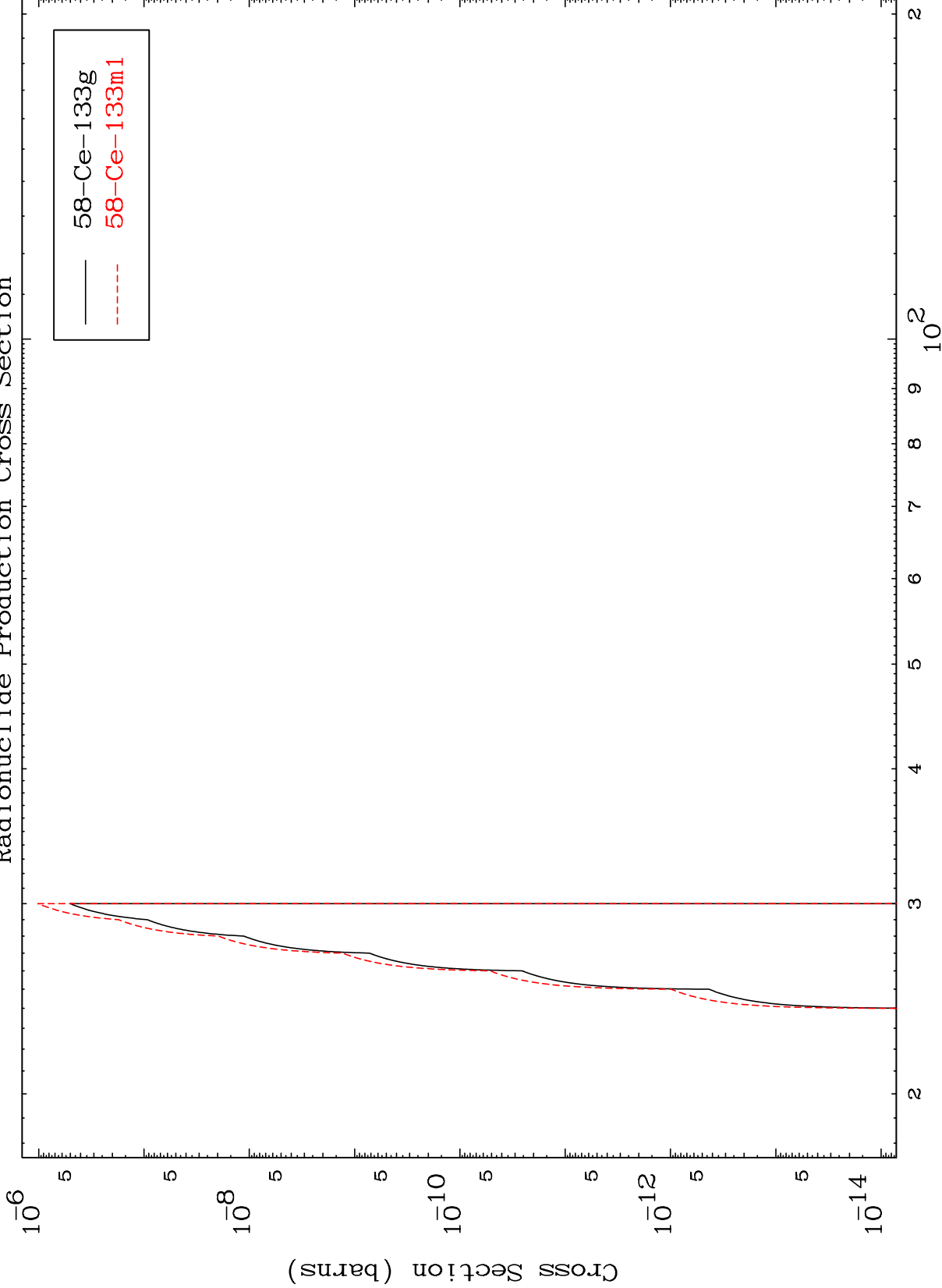


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(n,3n) α

60-Nd-139m

Radionuclide Production Cross Section



22

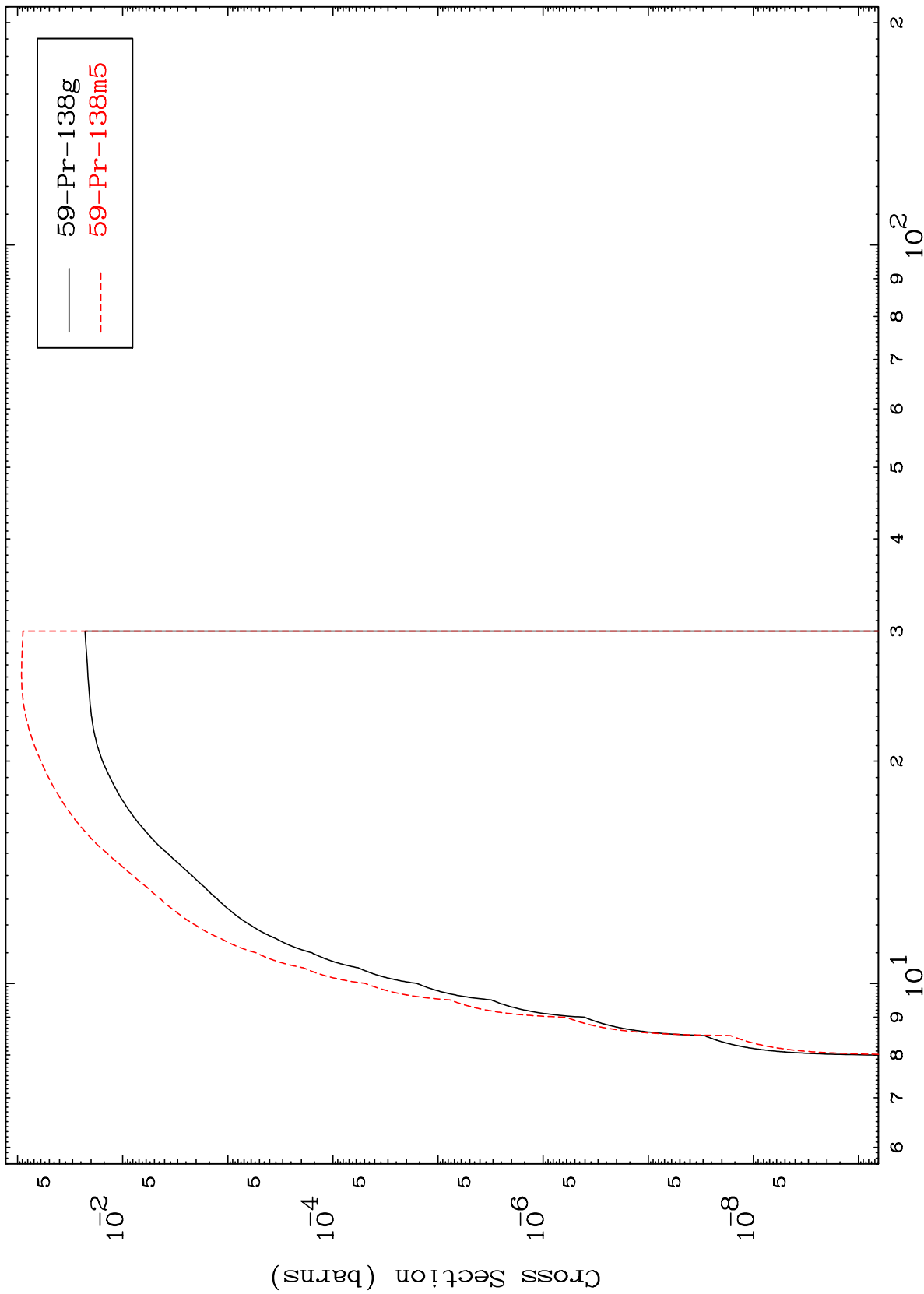
Incident Energy (MeV)

60-Nd-139m

MAT 6017

60-Nd-139m

(n, n') p
Radionuclide Production Cross Section



60-Nd-139m

Incident Energy (MeV)

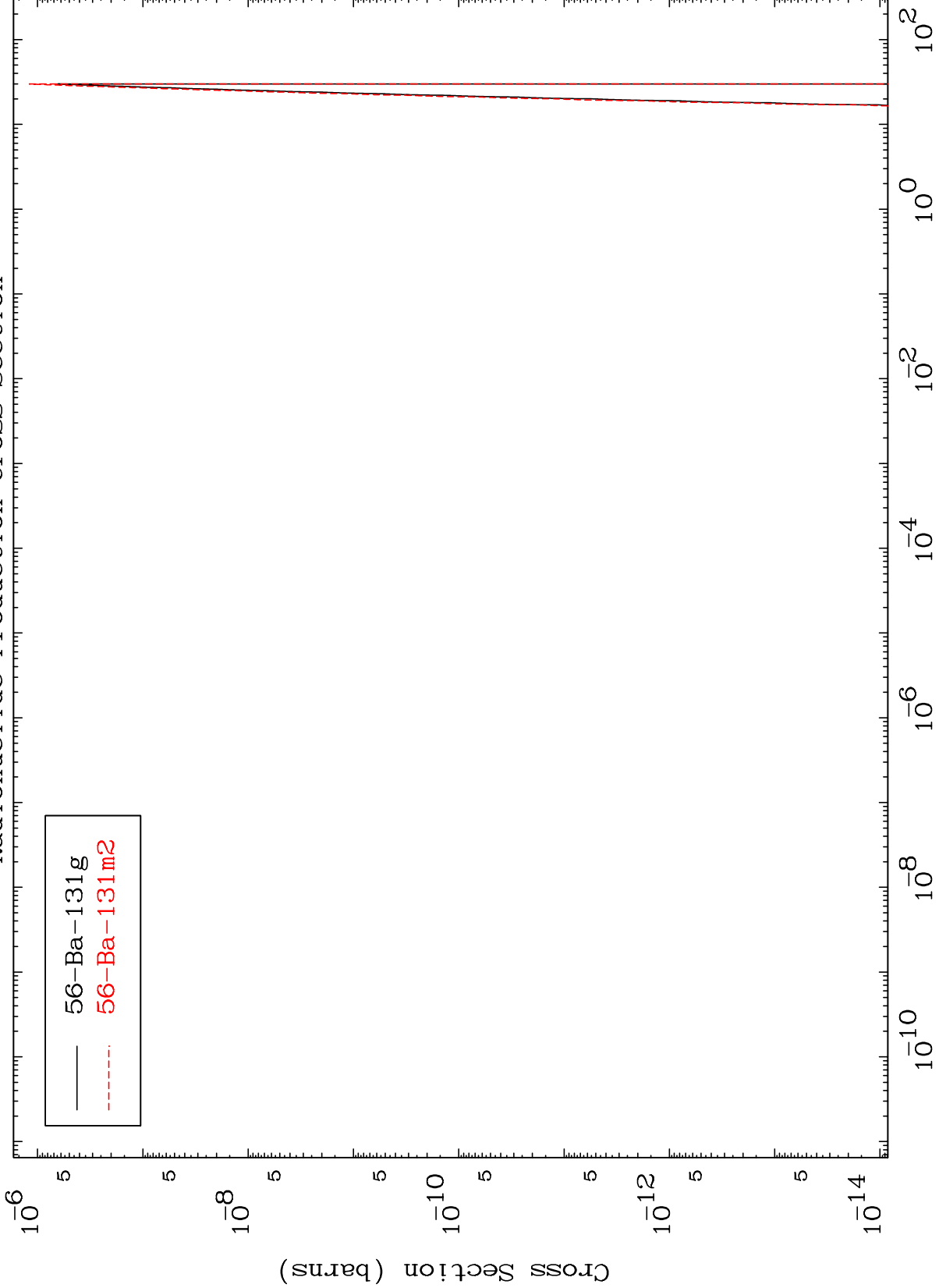
23

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(n,n') 2α

60-Nd-139m

Radionuclide Production Cross Section

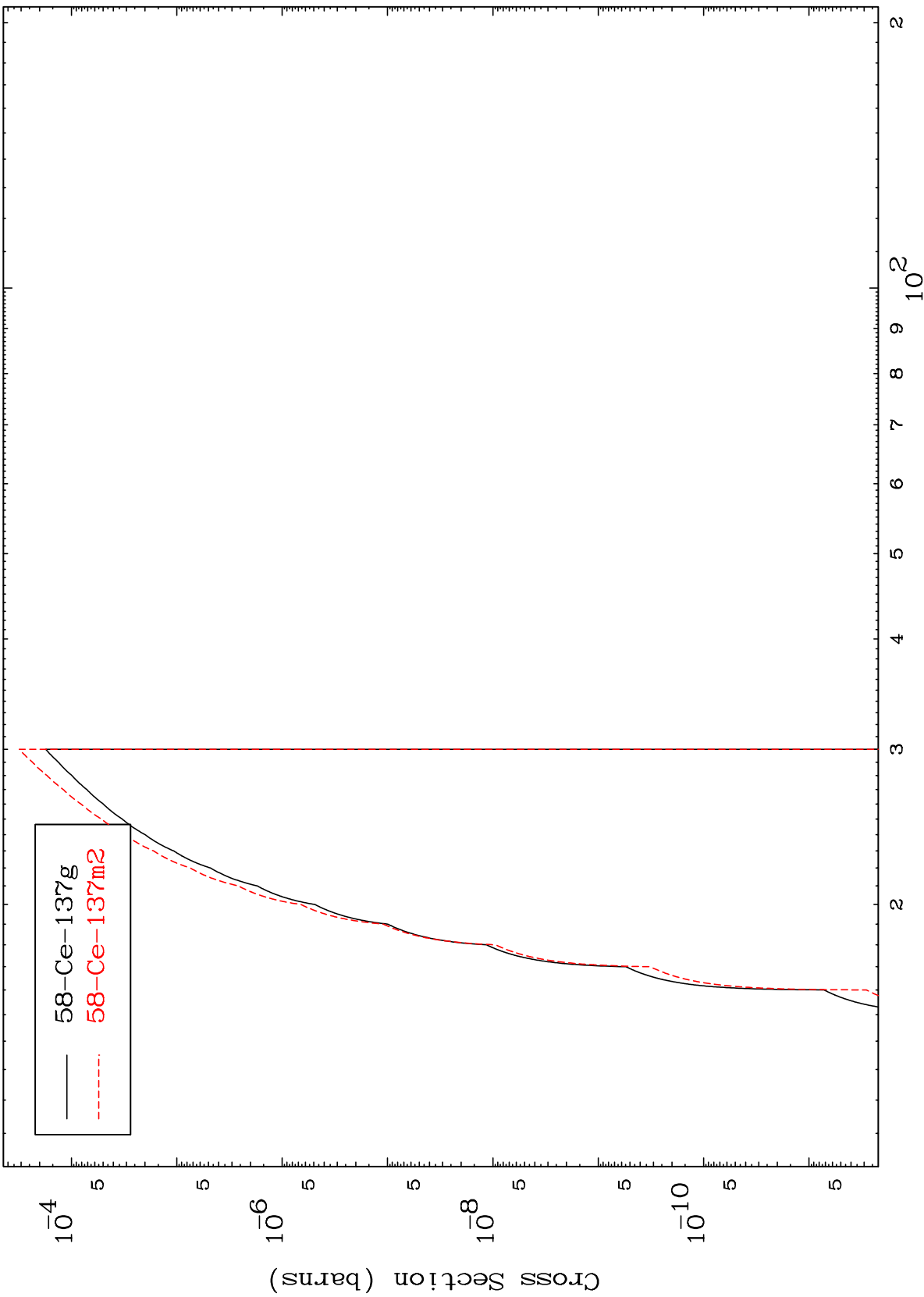


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(n,2n) p

60-Nd-139m

Radionuclide Production Cross Section



25

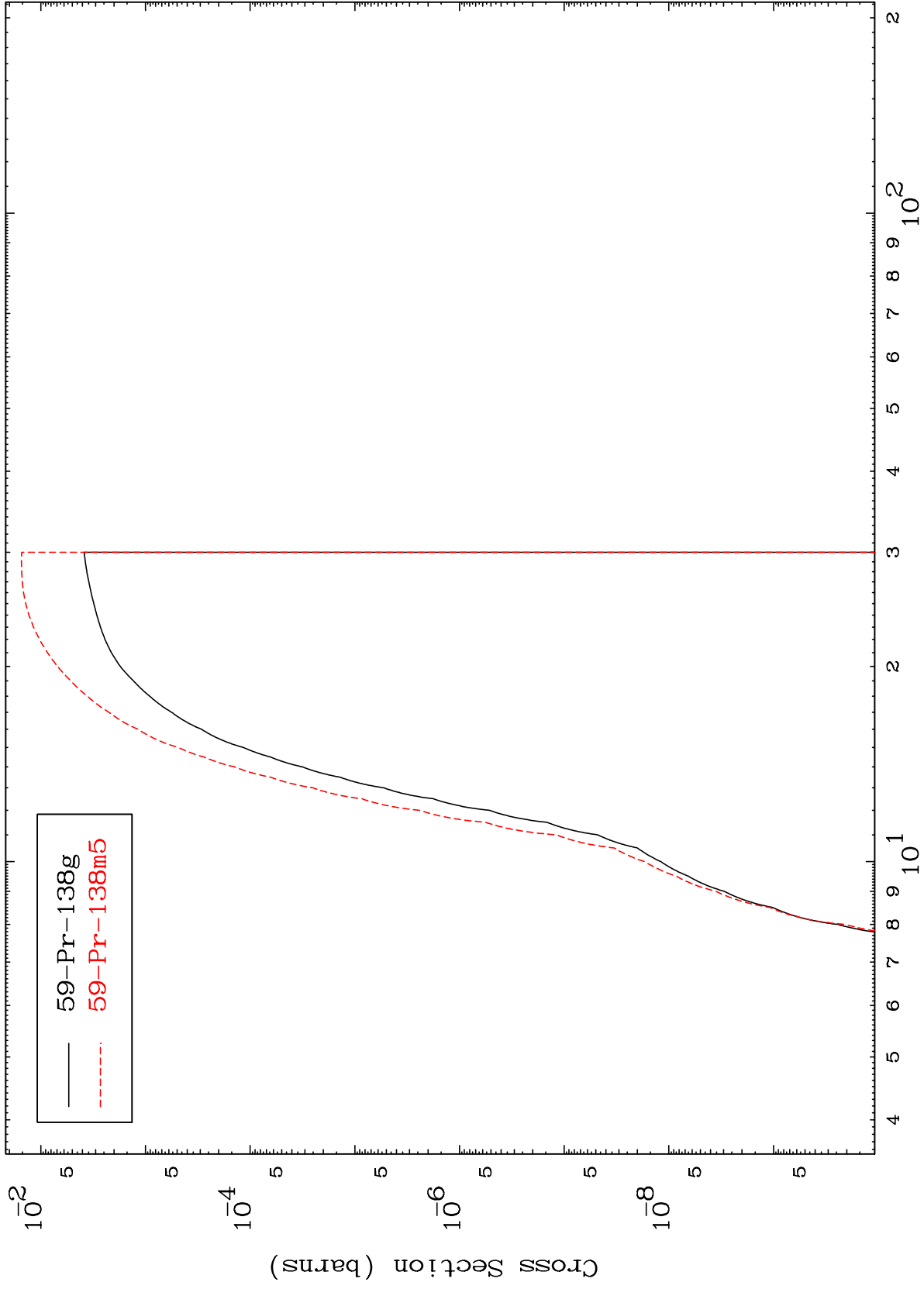
Incident Energy (MeV)

60-Nd-139m

MAT 6017

60-Nd-139m

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

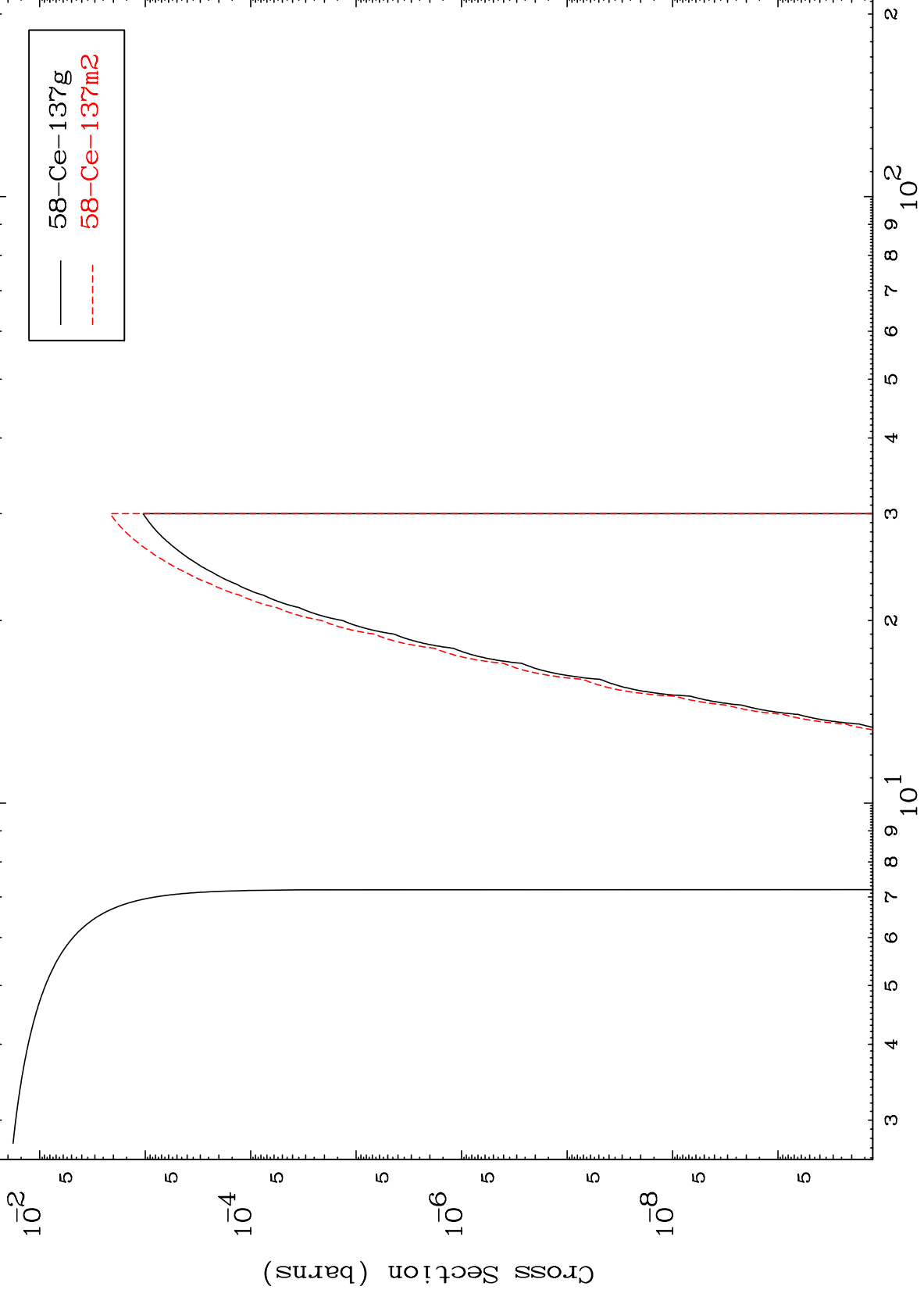
60-Nd-139m

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(n,He-3)

60-Nd-139m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

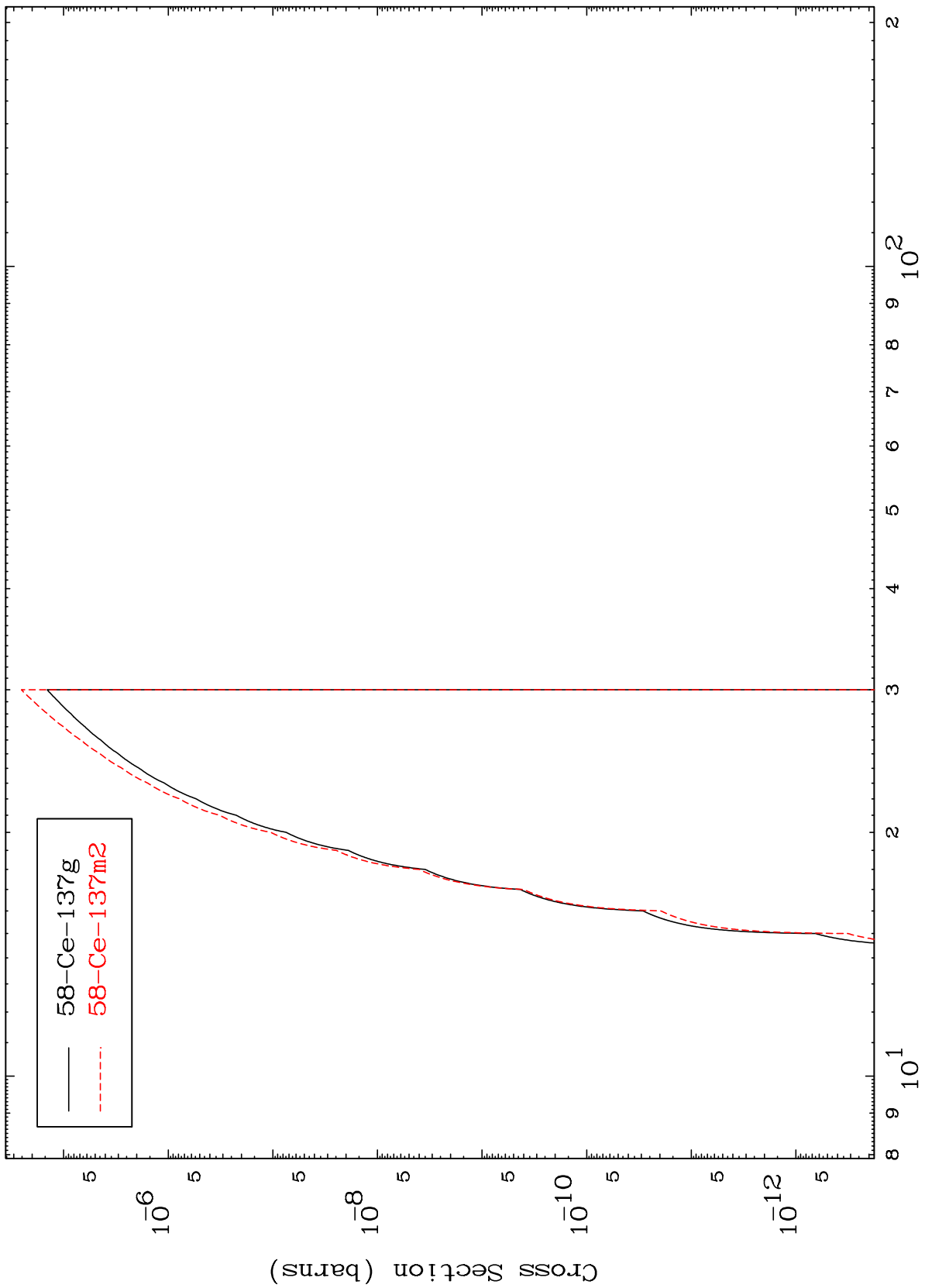
60-Nd-139m

MAT 6017

(n,p) d

60-Nd-139m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

60-Nd-139m