

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

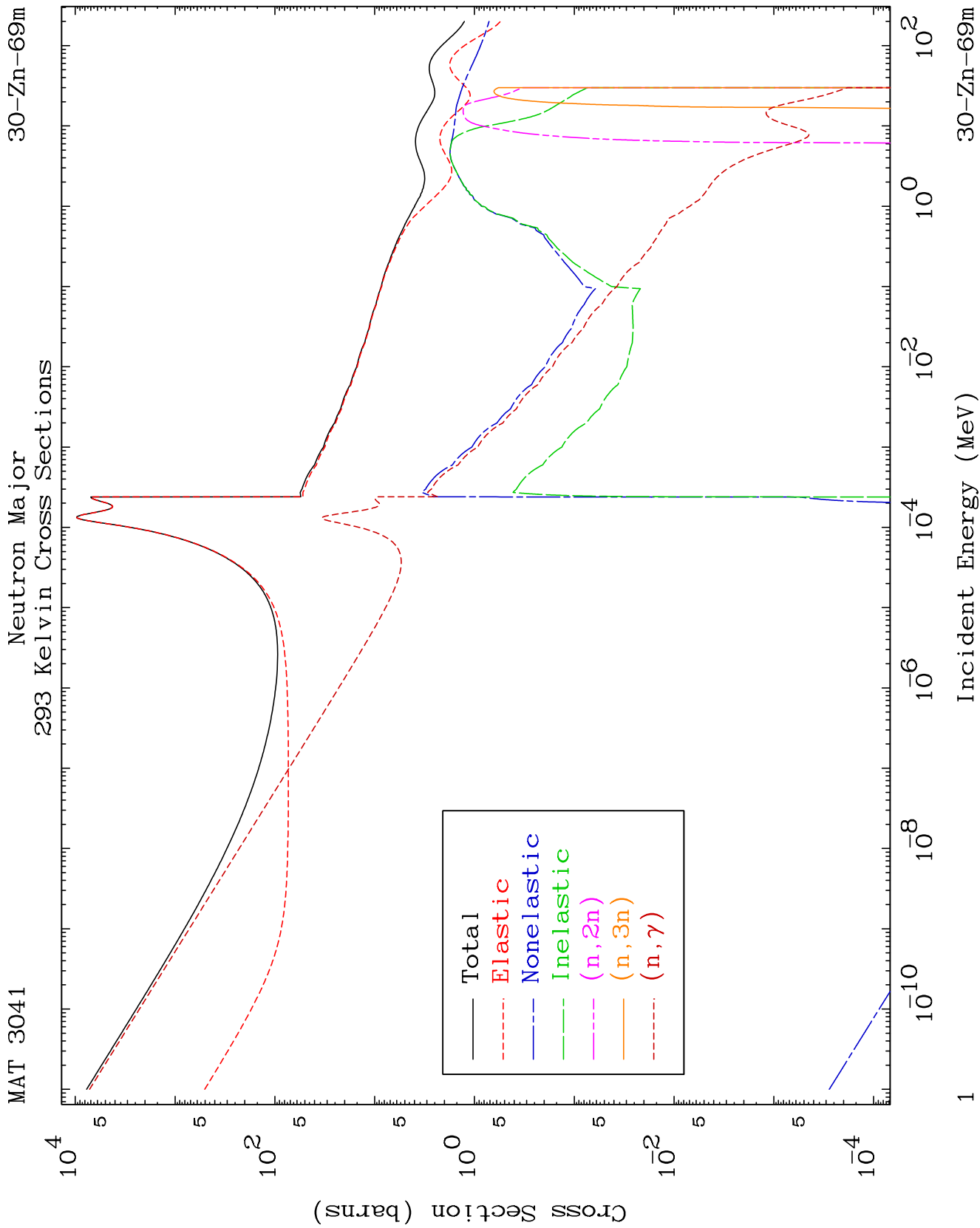
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Web:redcullen1.net/HOMEPAGE.NEW

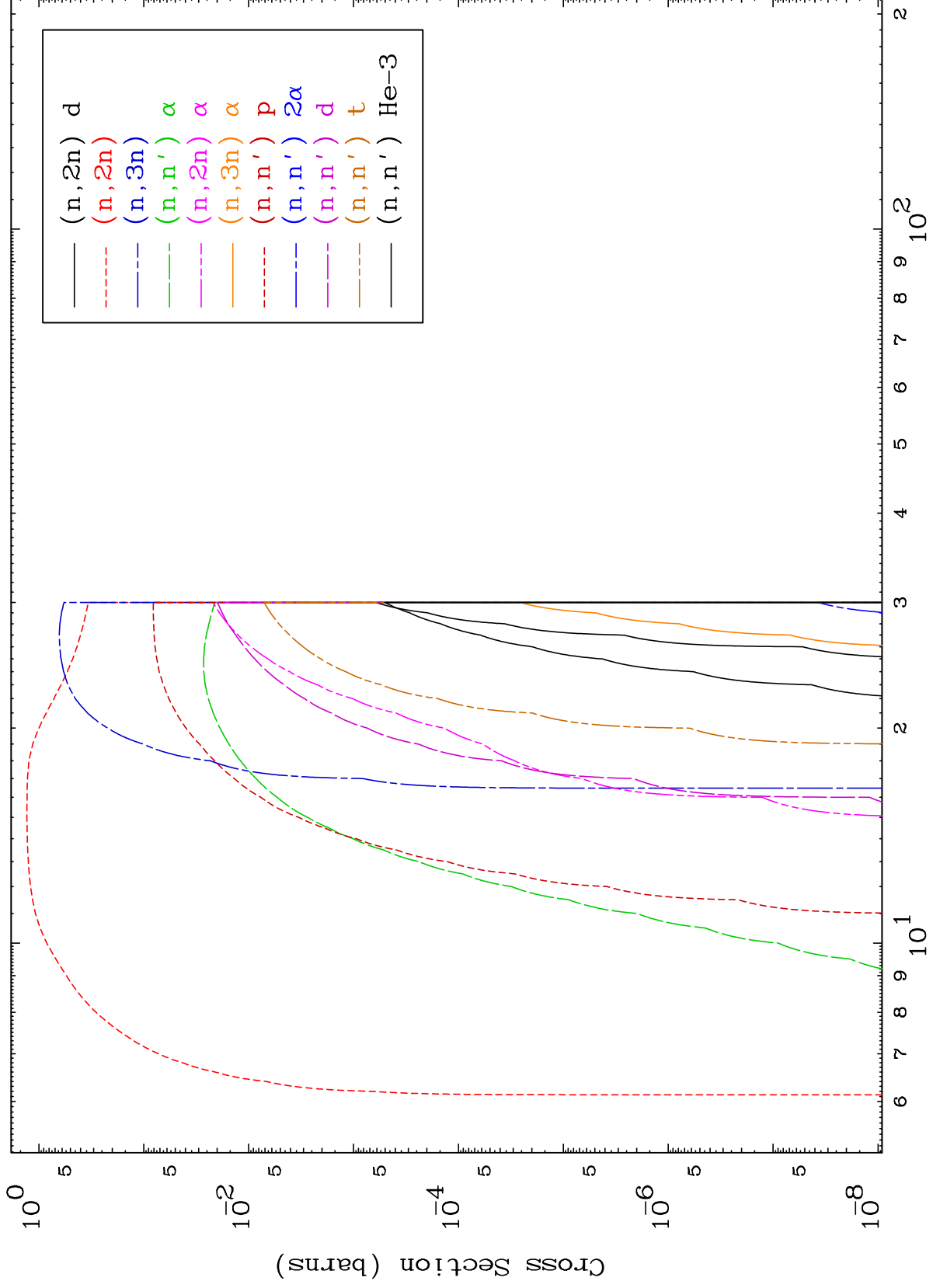
Press Mouse Button to Start

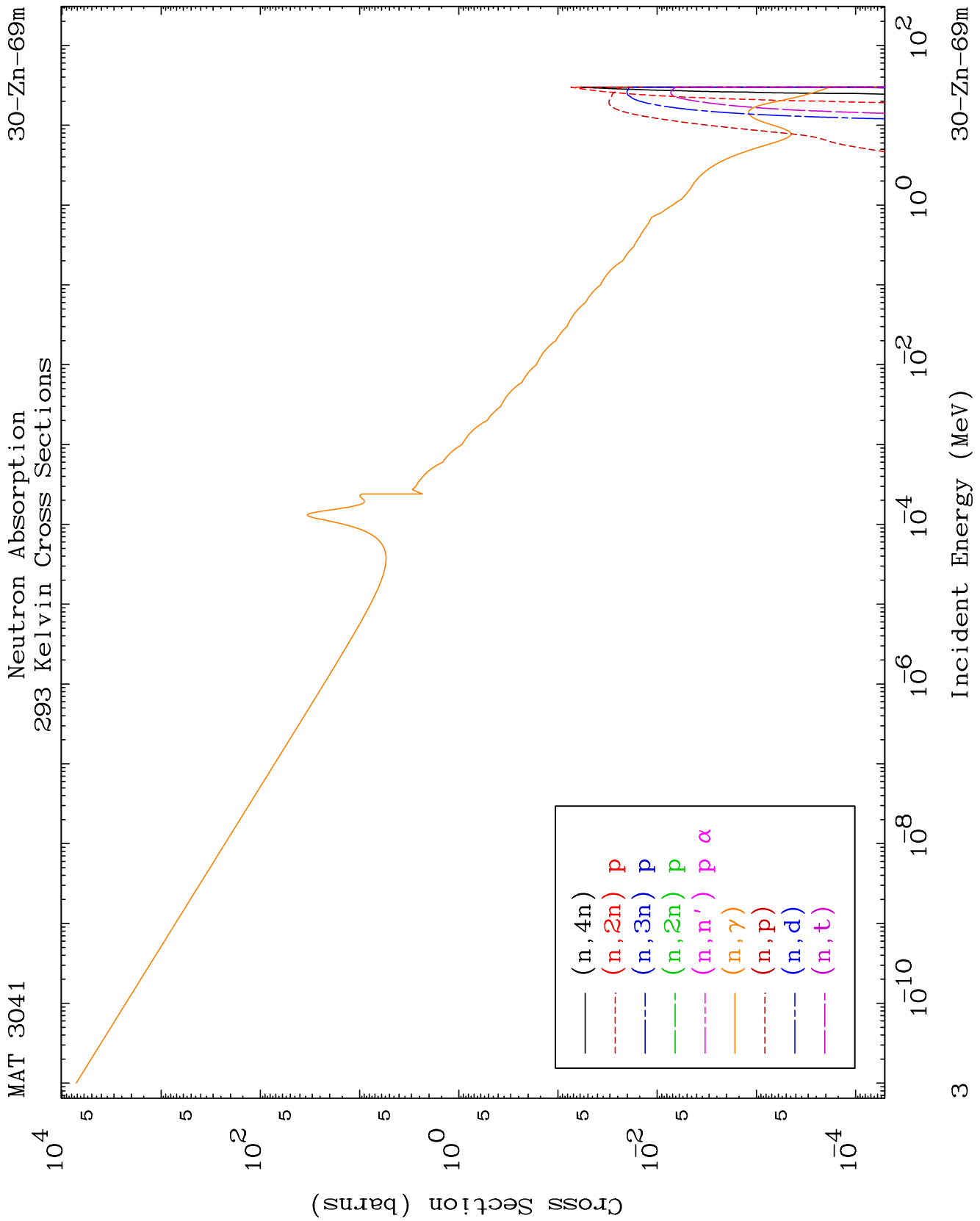


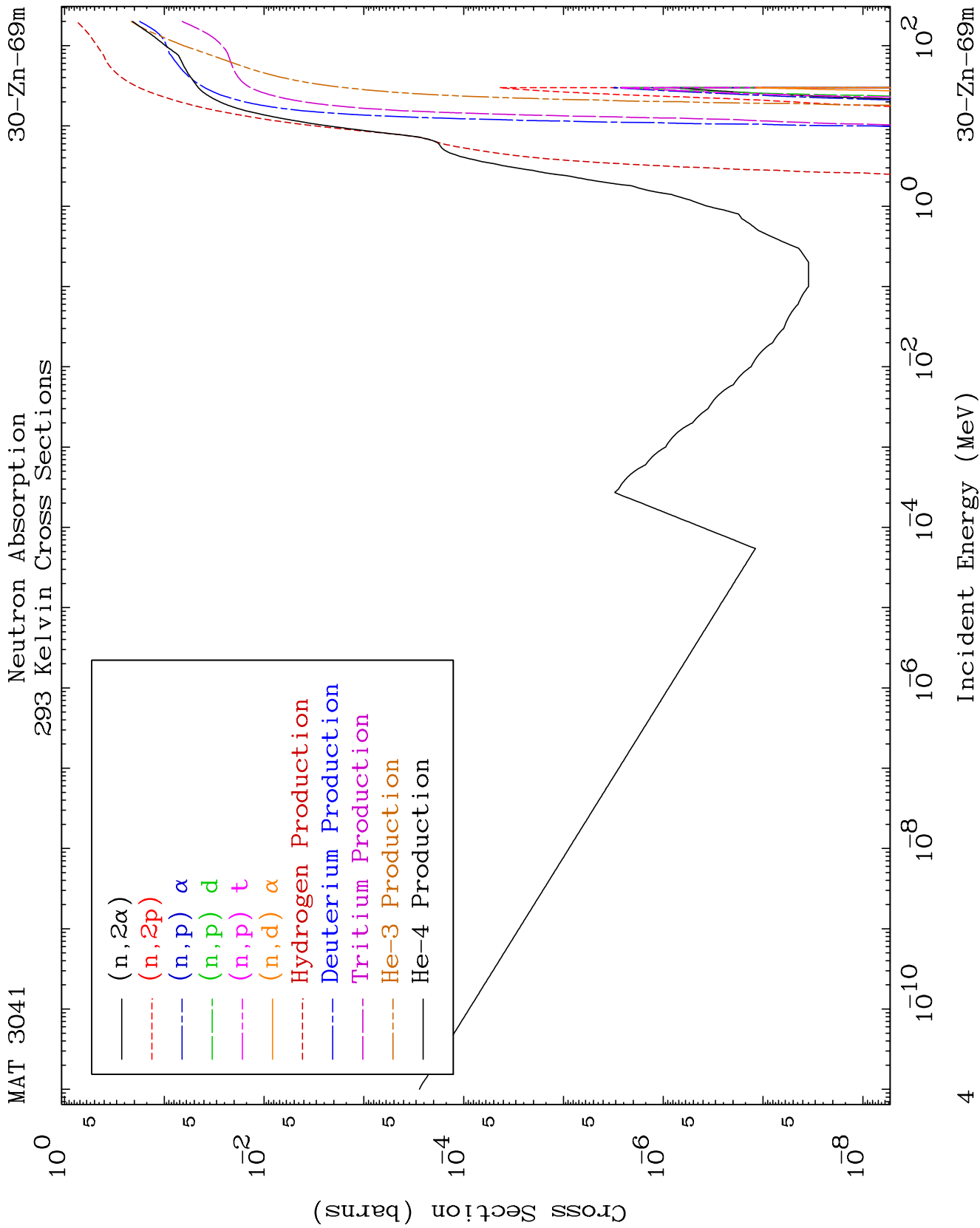
MAT 3041

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-69m



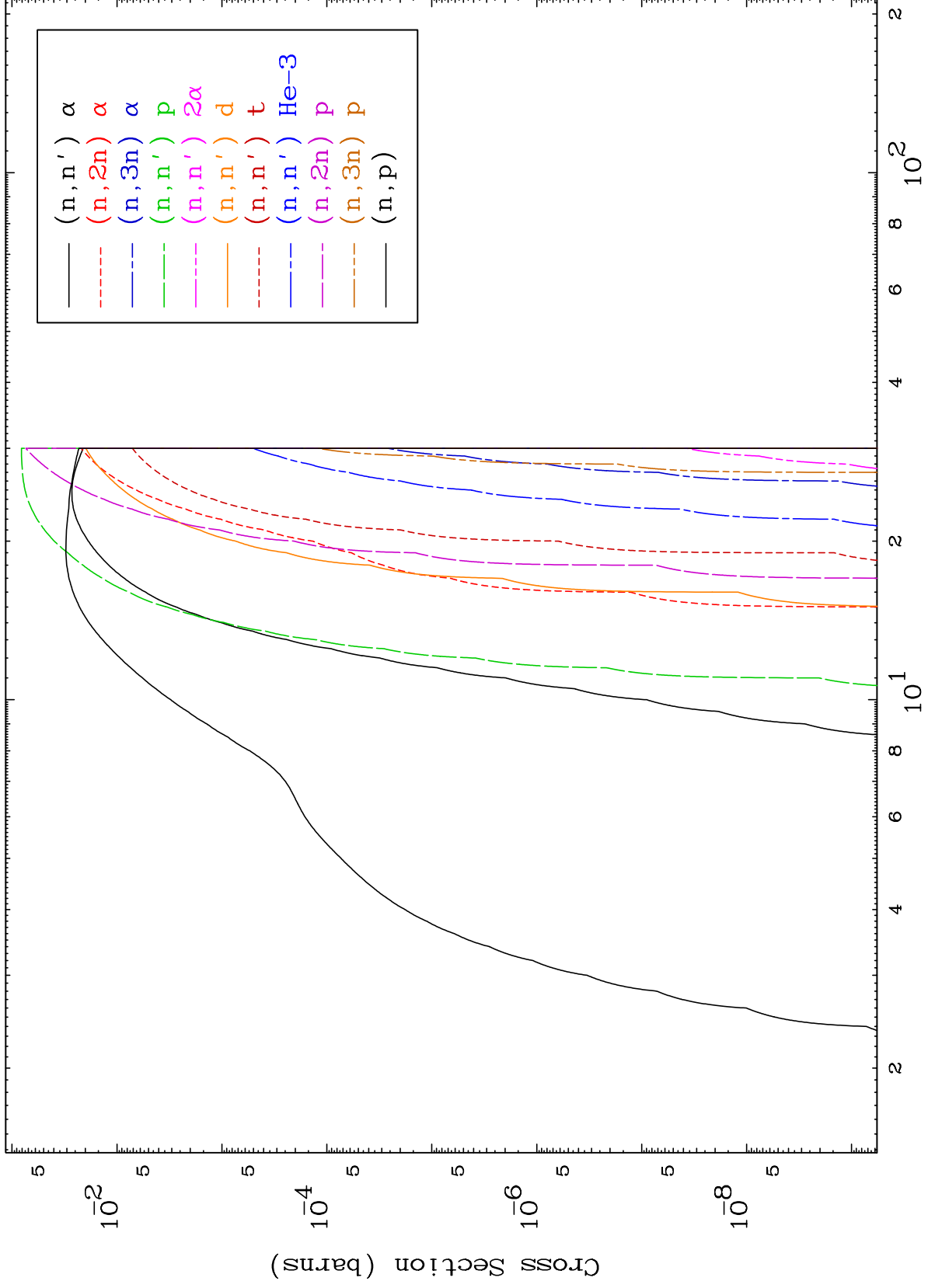




MAT 3041

Charged Particle
293 Kelvin Cross Sections

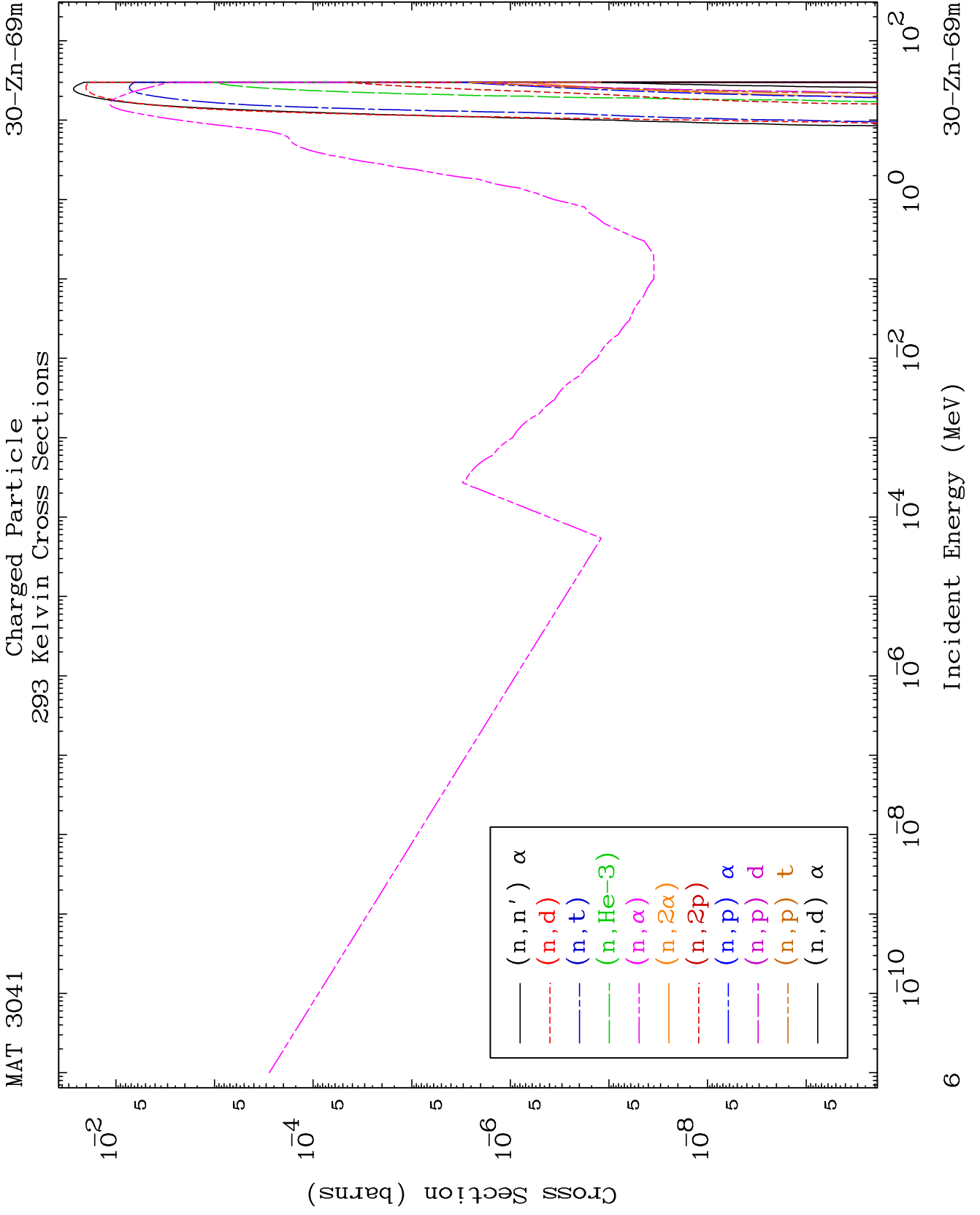
30-Zn-69m

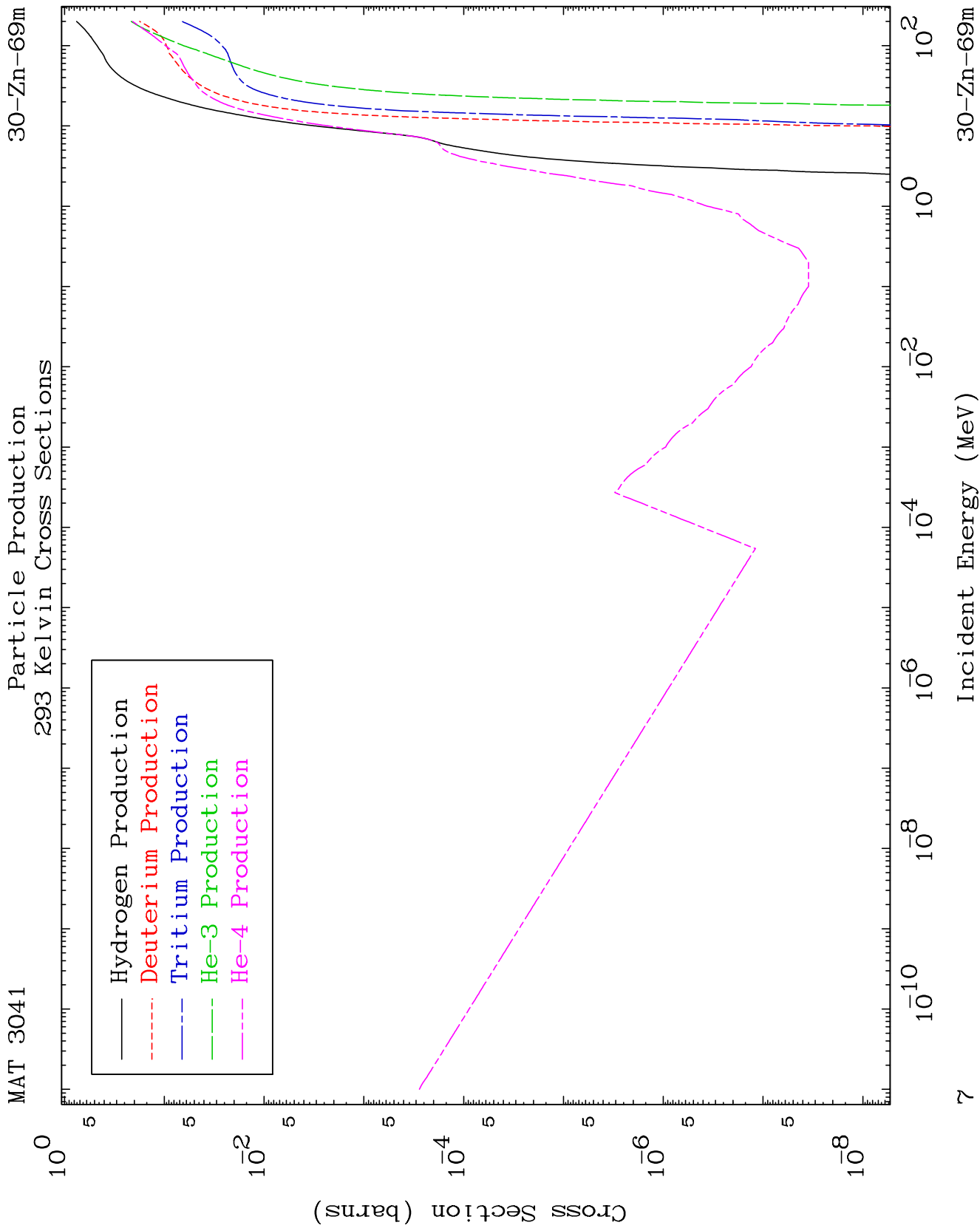


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Incident Energy (MeV)

30-Zn-69m

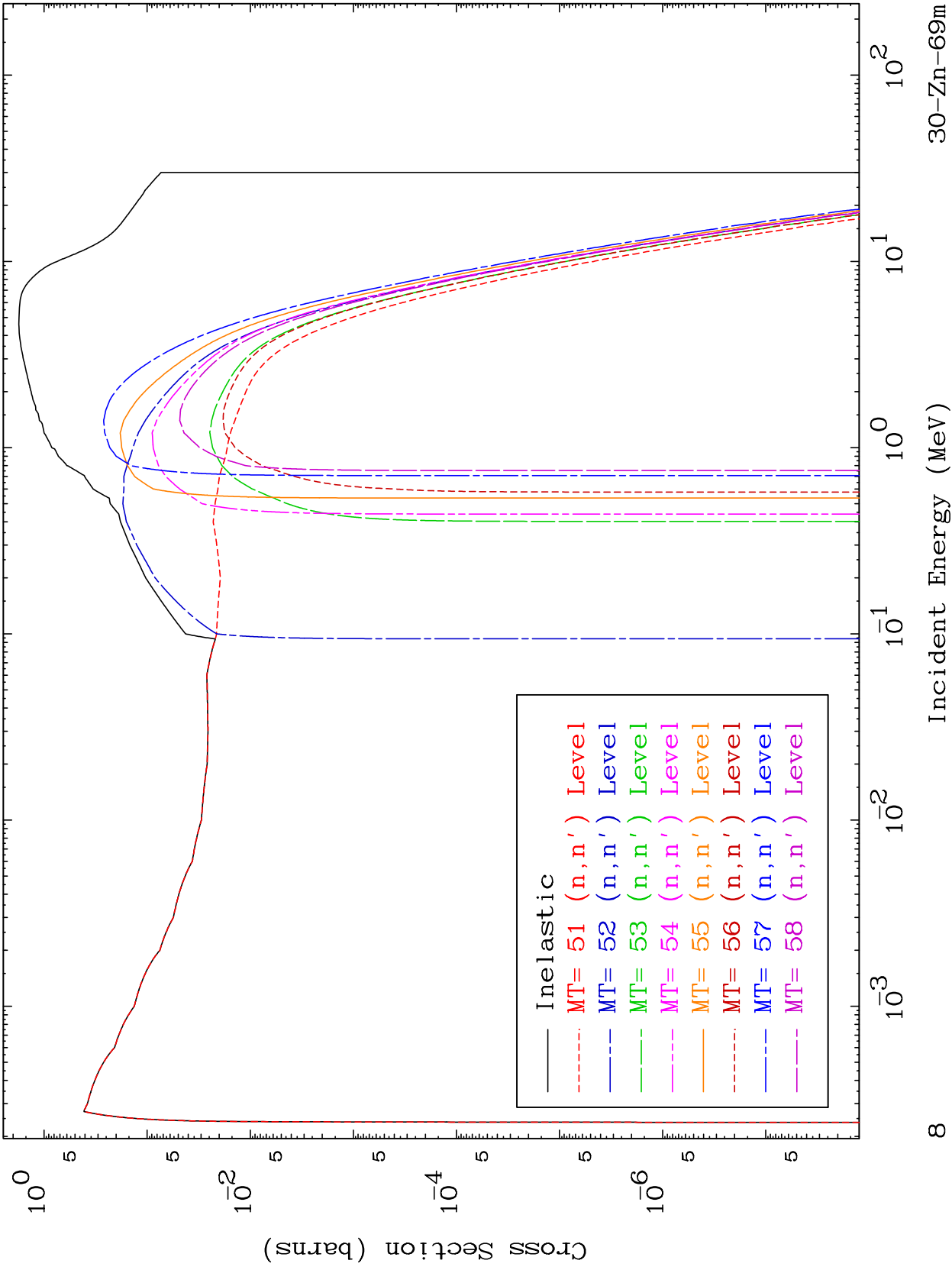




MAT 3041

293 Kelvin Cross Sections
(n, n') Levels

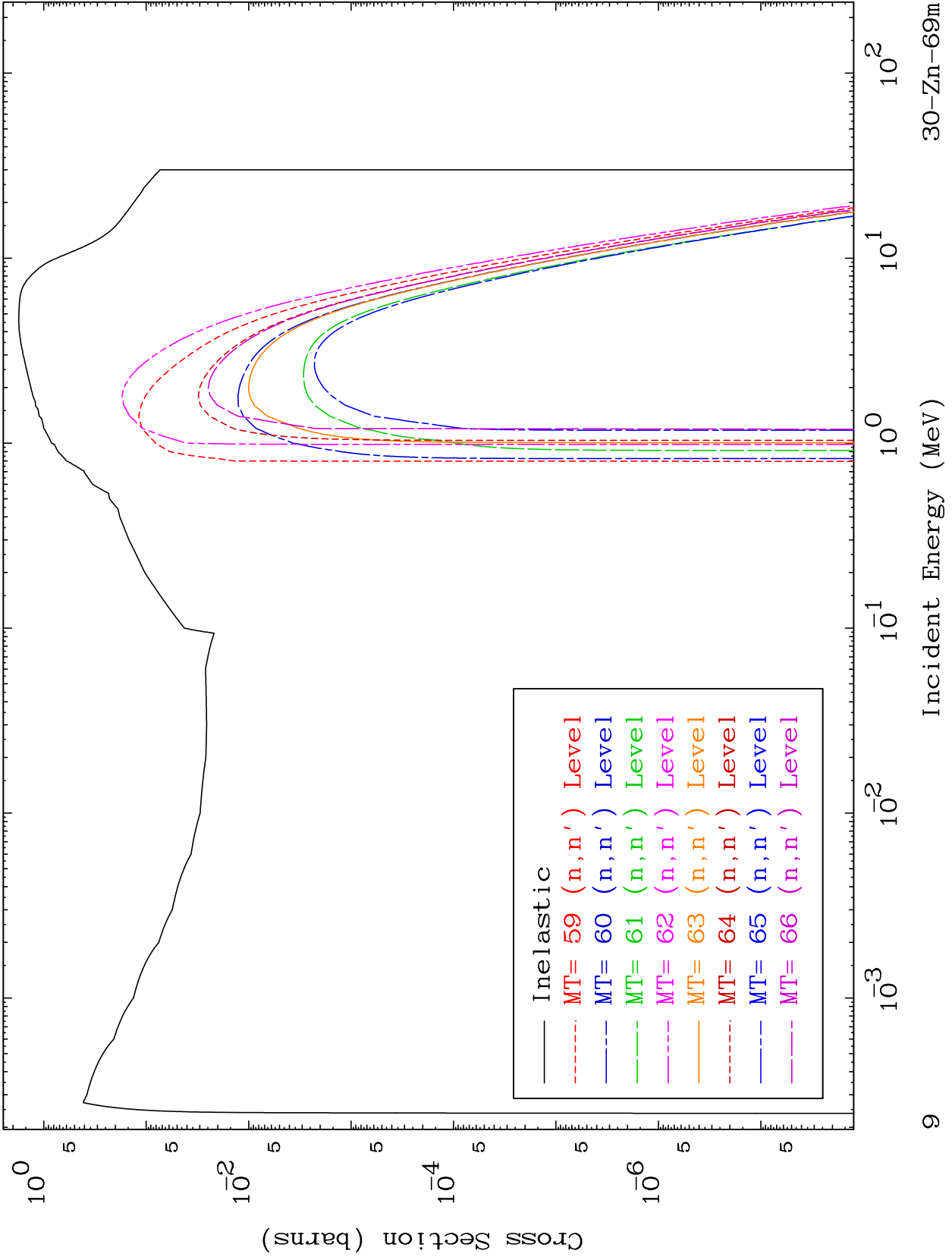
30-Zn-69m



MAT 3041

(n,n') Levels
293 Kelvin Cross Sections

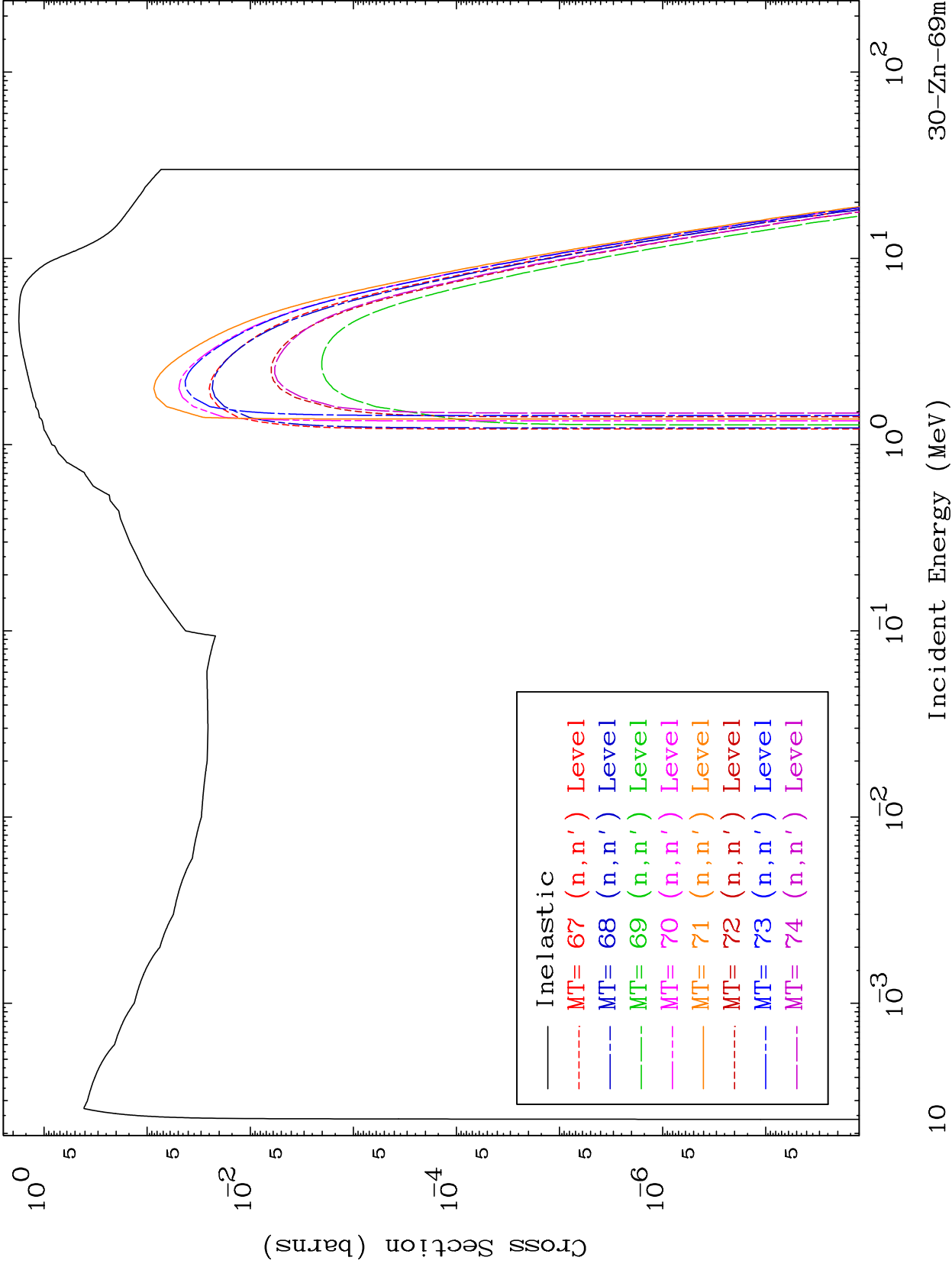
30-Zn-69m



MAT 3041

(n,n') Levels
293 Kelvin Cross Sections

30-Zn-69m



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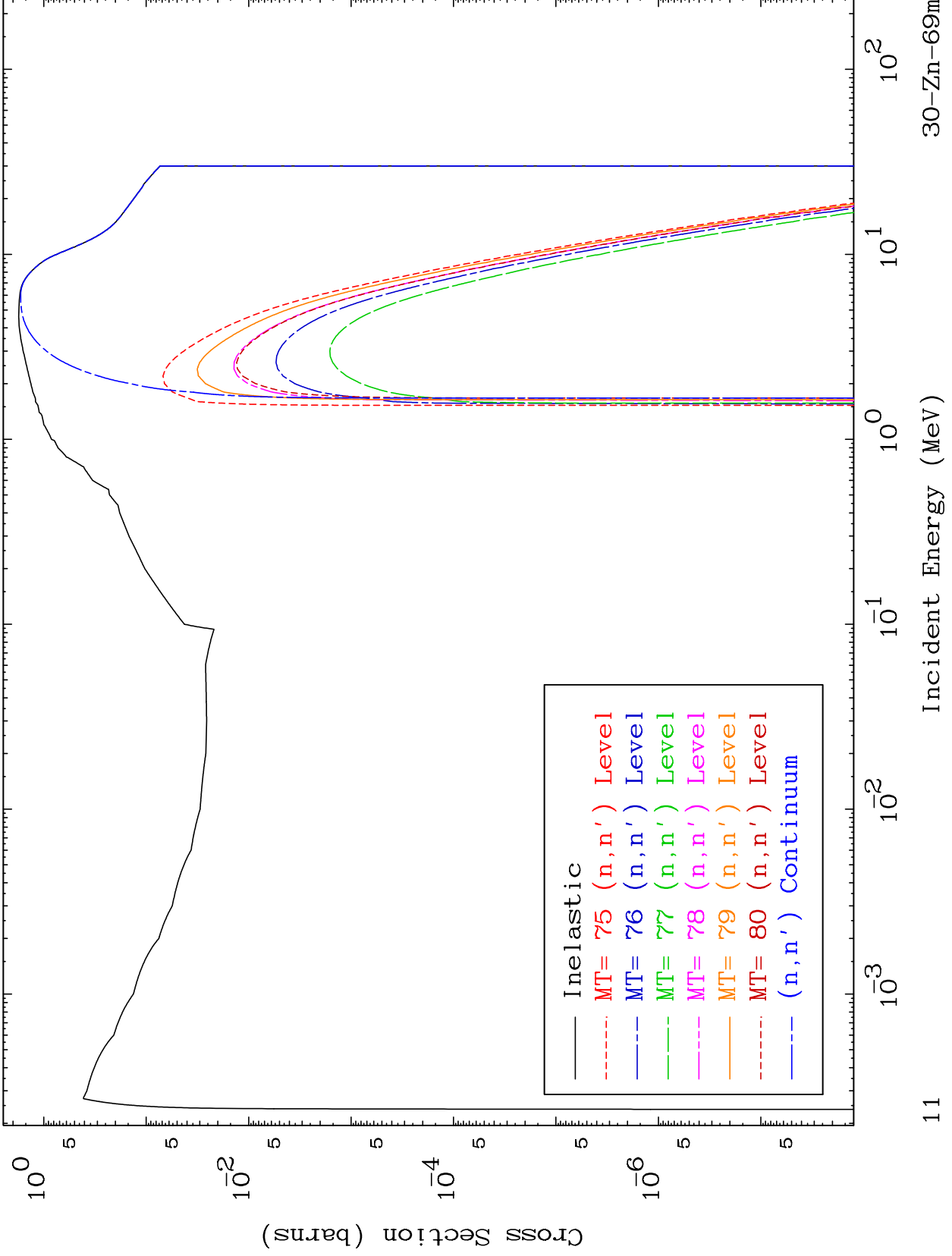
Incident Energy (MeV)

30-Zn-69m

MAT 3041

(n,n') Levels
293 Kelvin Cross Sections

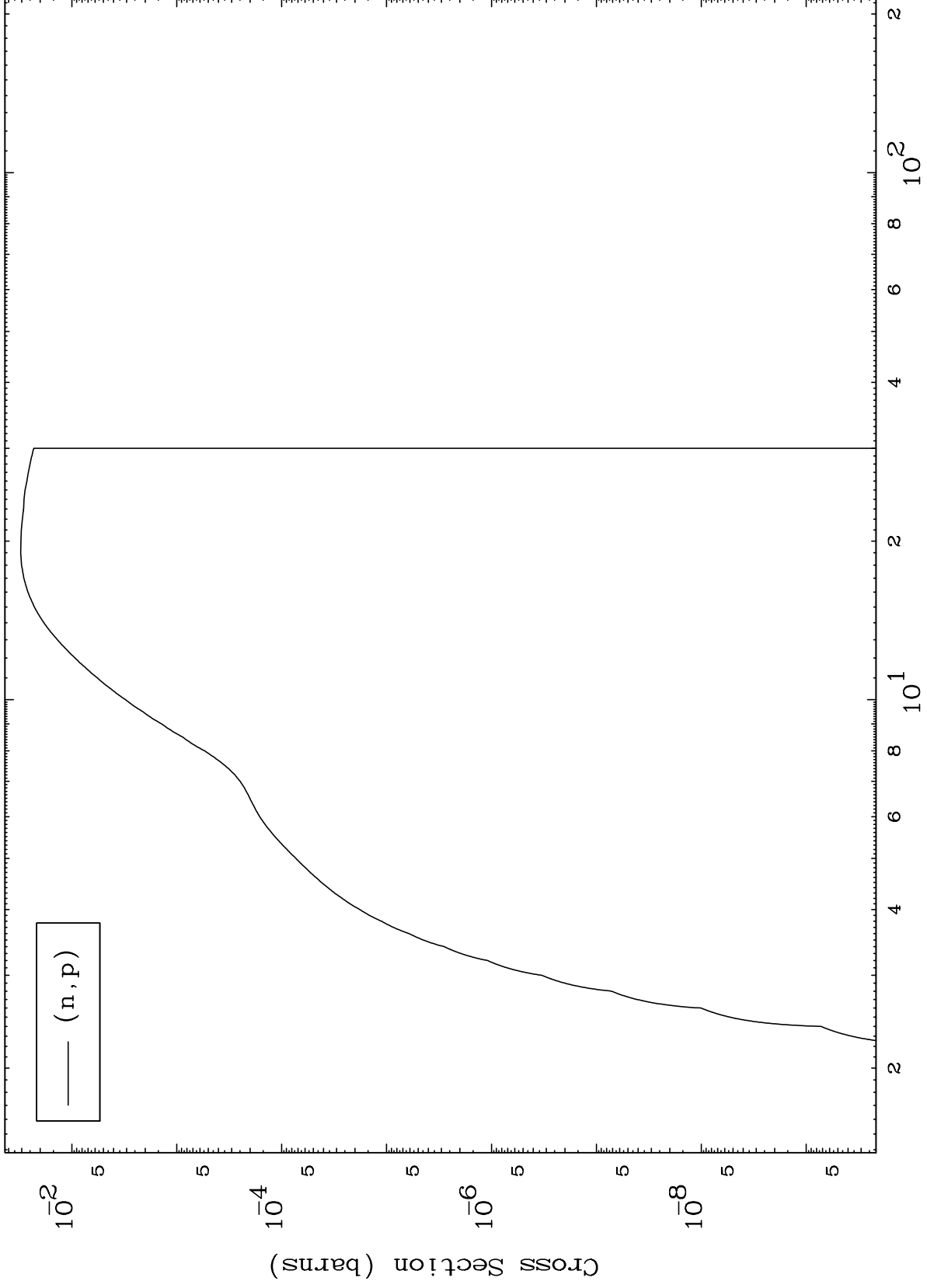
30-Zn-69m



MAT 3041

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-69m



12

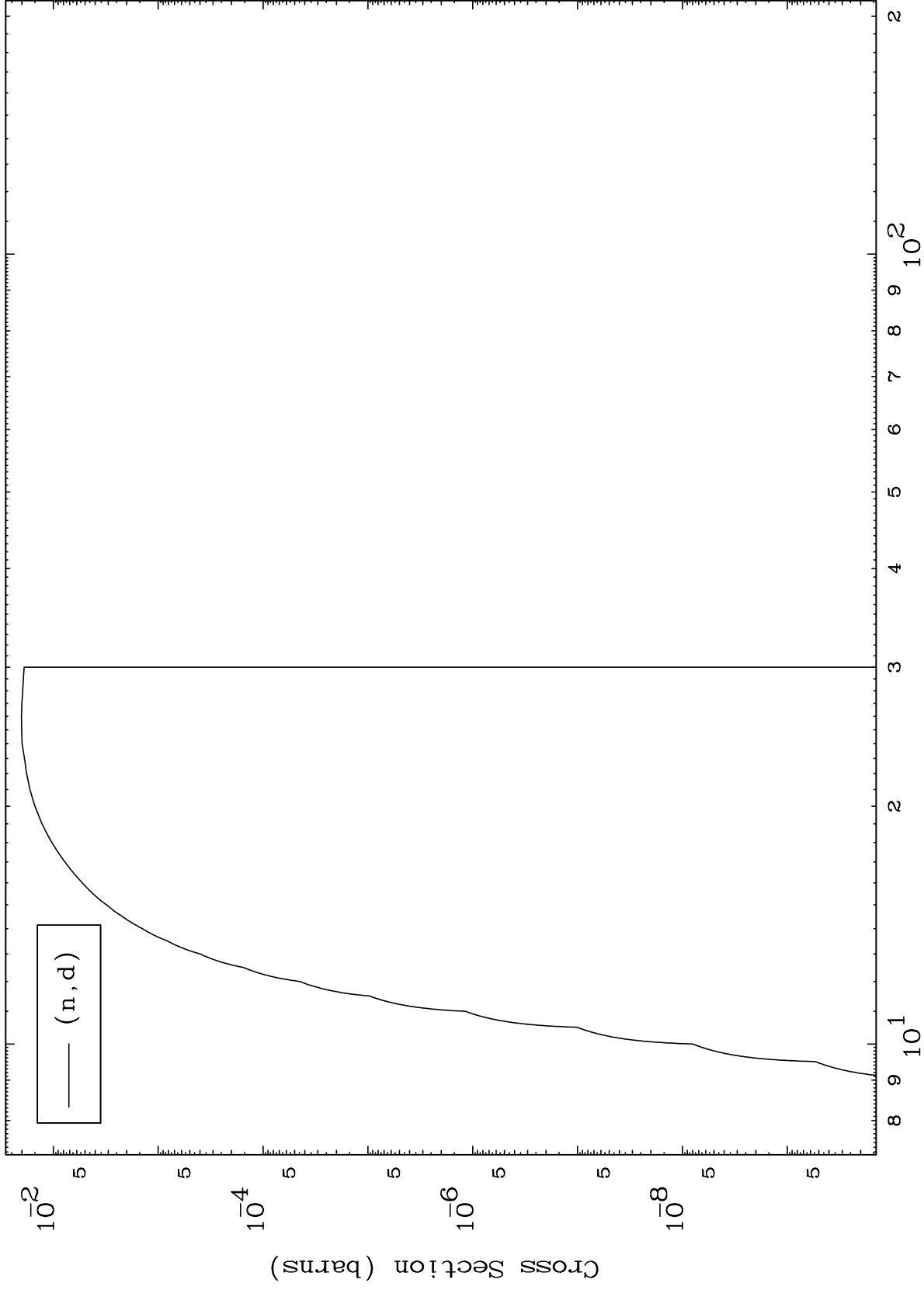
Incident Energy (MeV)

30-Zn-69m

MAT 3041

(n,d) Levels
293 Kelvin Cross Sections

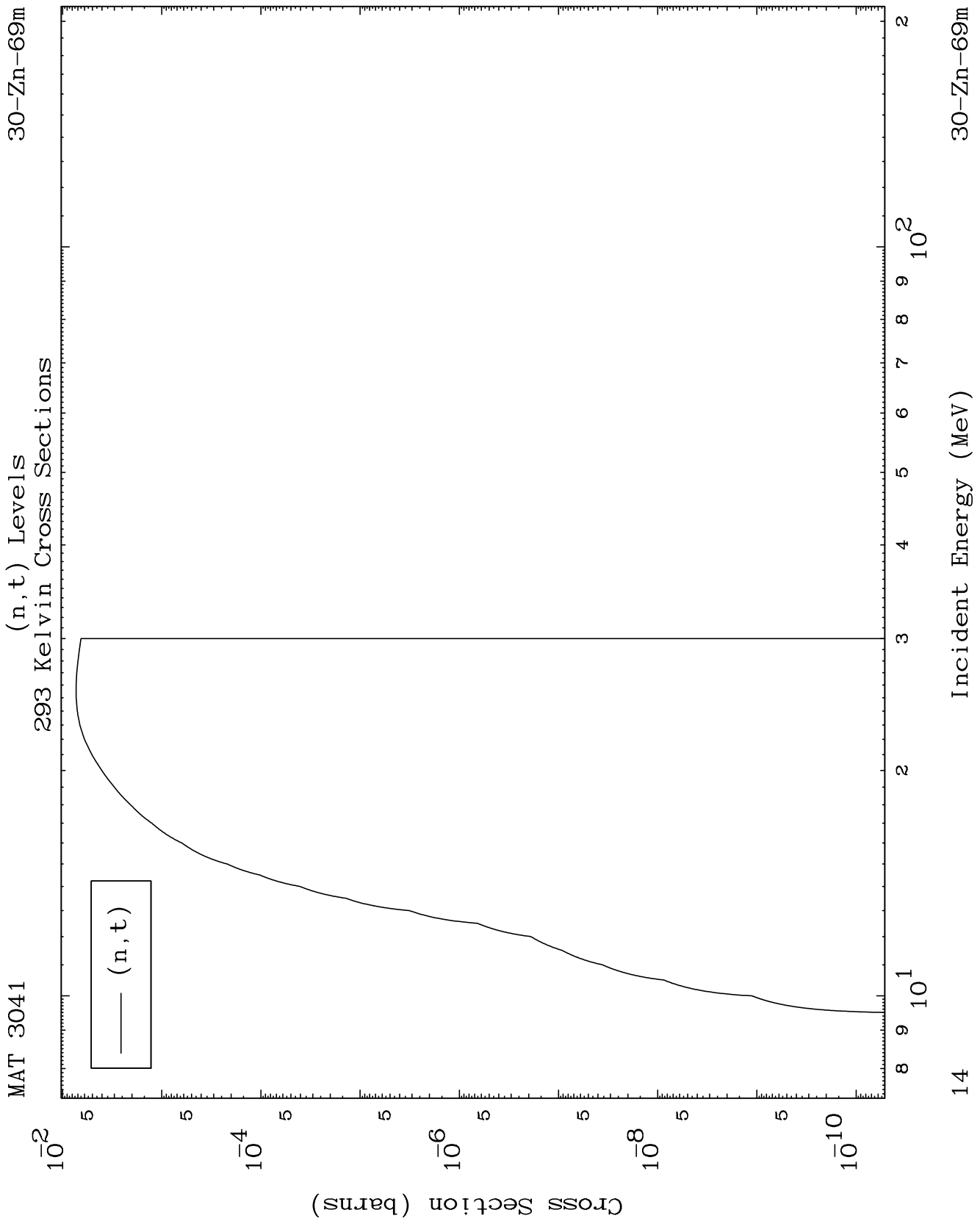
30-Zn-69m



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Incident Energy (MeV)

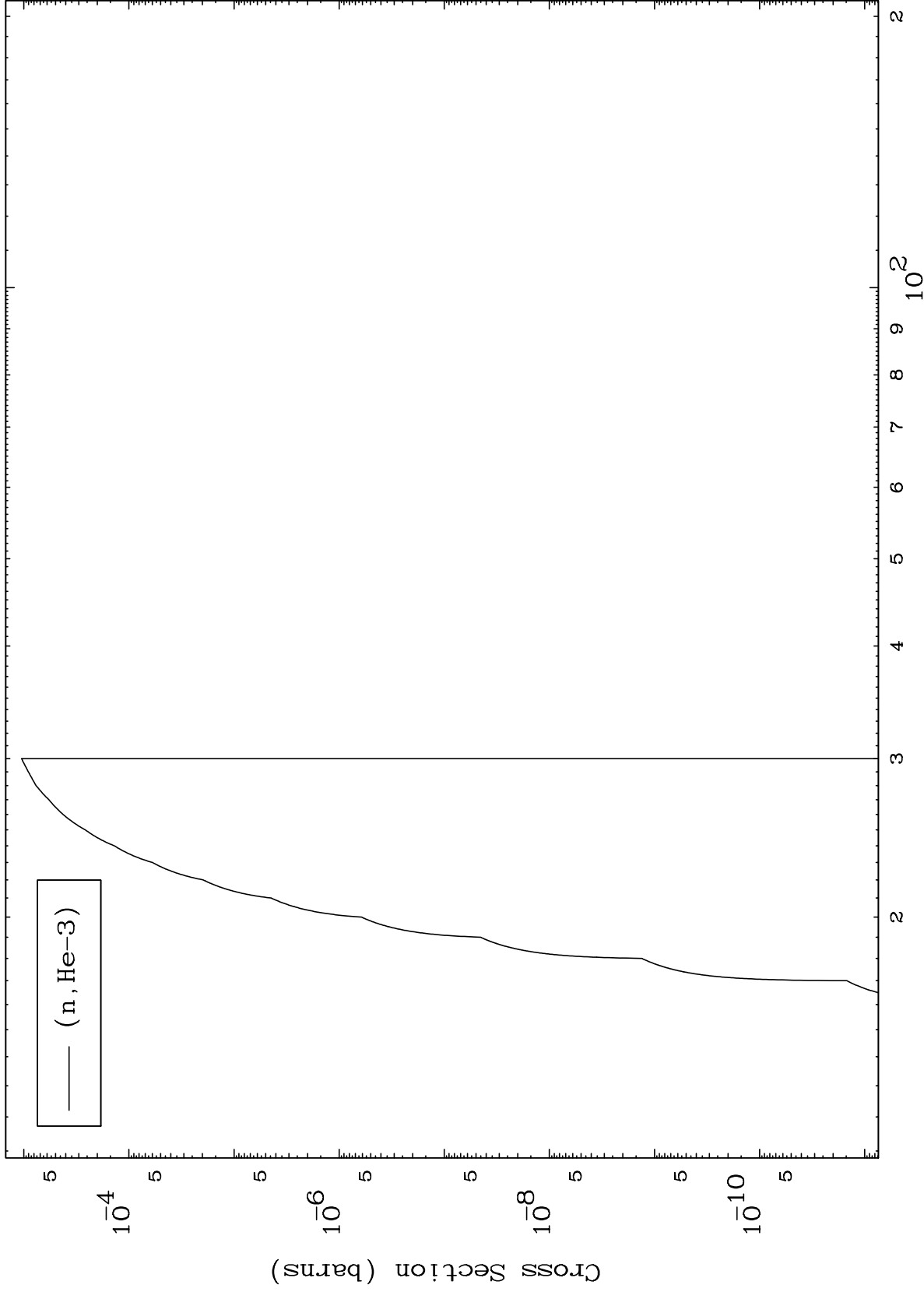
30-Zn-69m



MAT 3041

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-69m



15

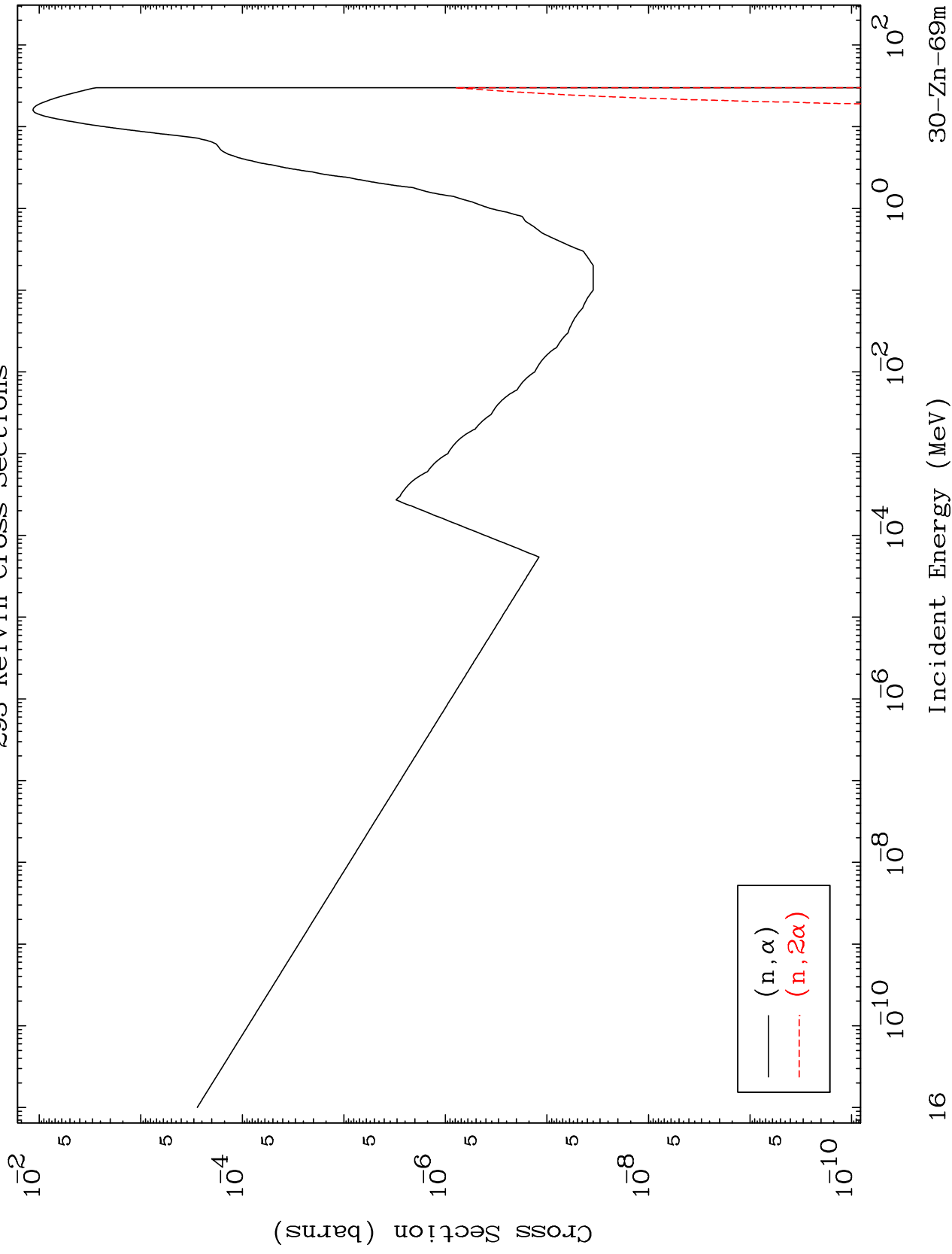
Incident Energy (MeV)

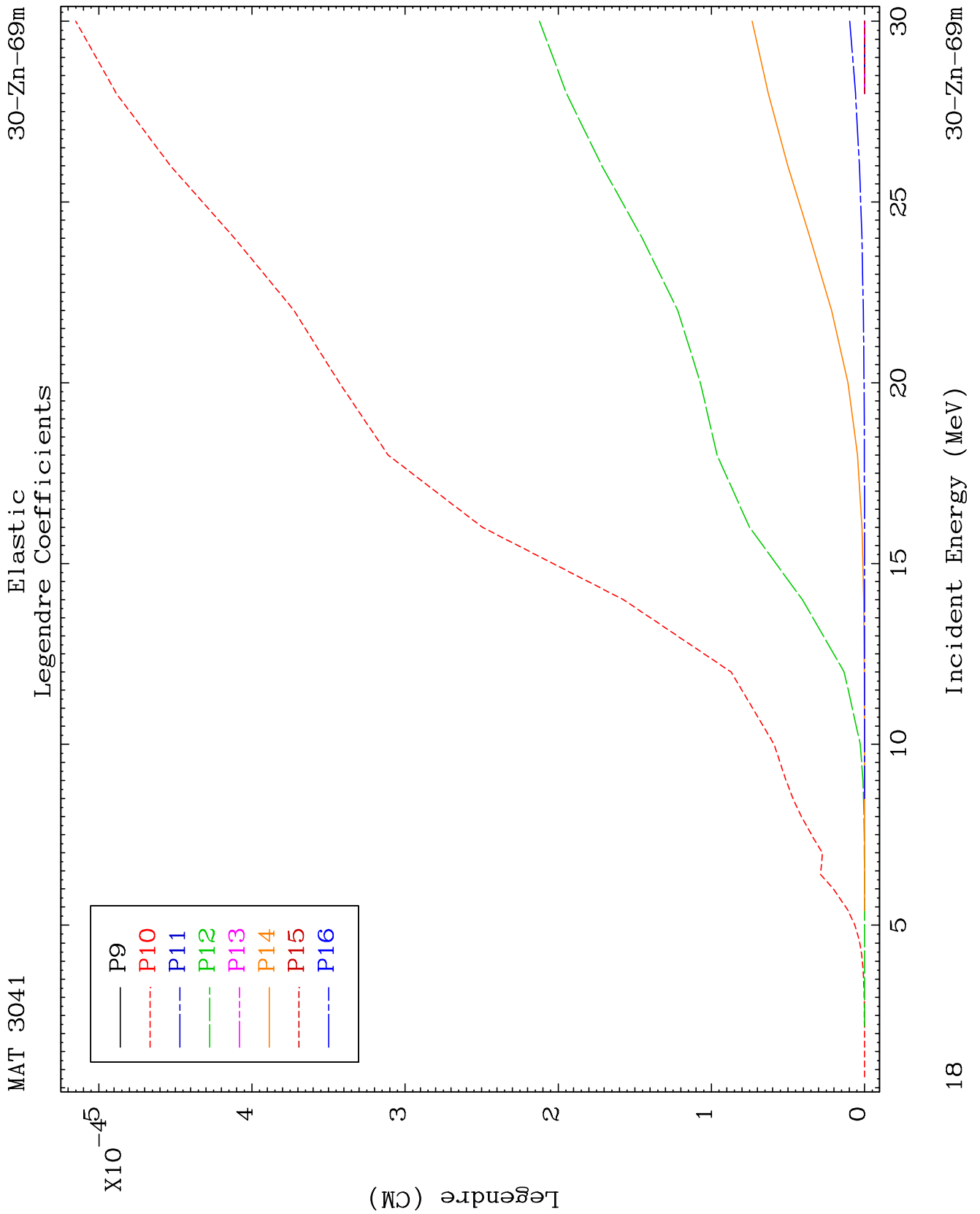
30-Zn-69m

MAT 3041

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-69m

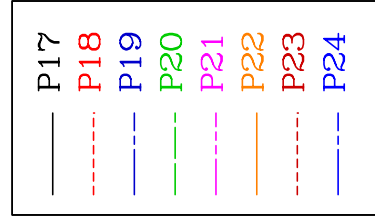




MAT 3041

Elastic
Legendre Coefficients

30-Zn-69m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

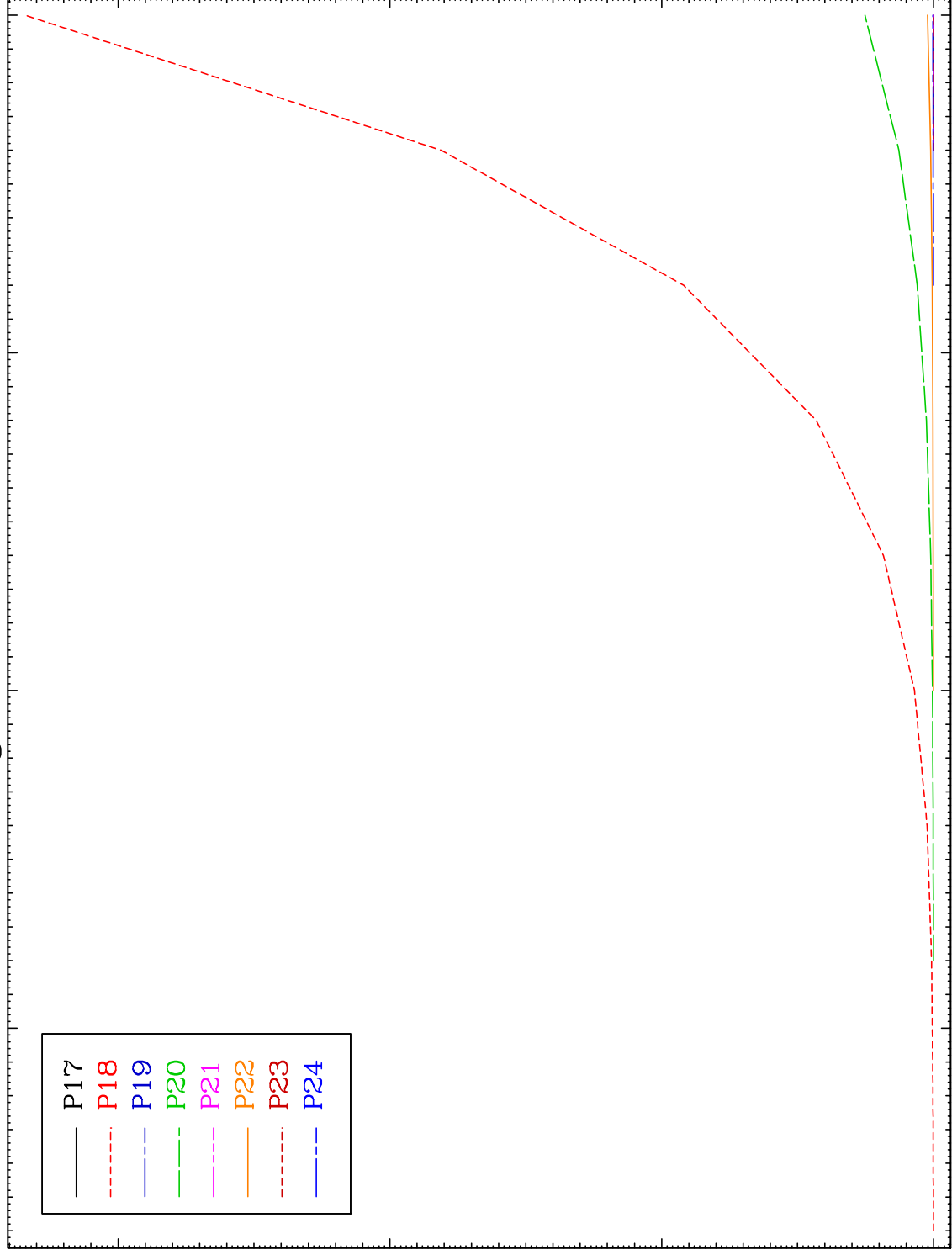
25

30

19

Incident Energy (MeV)

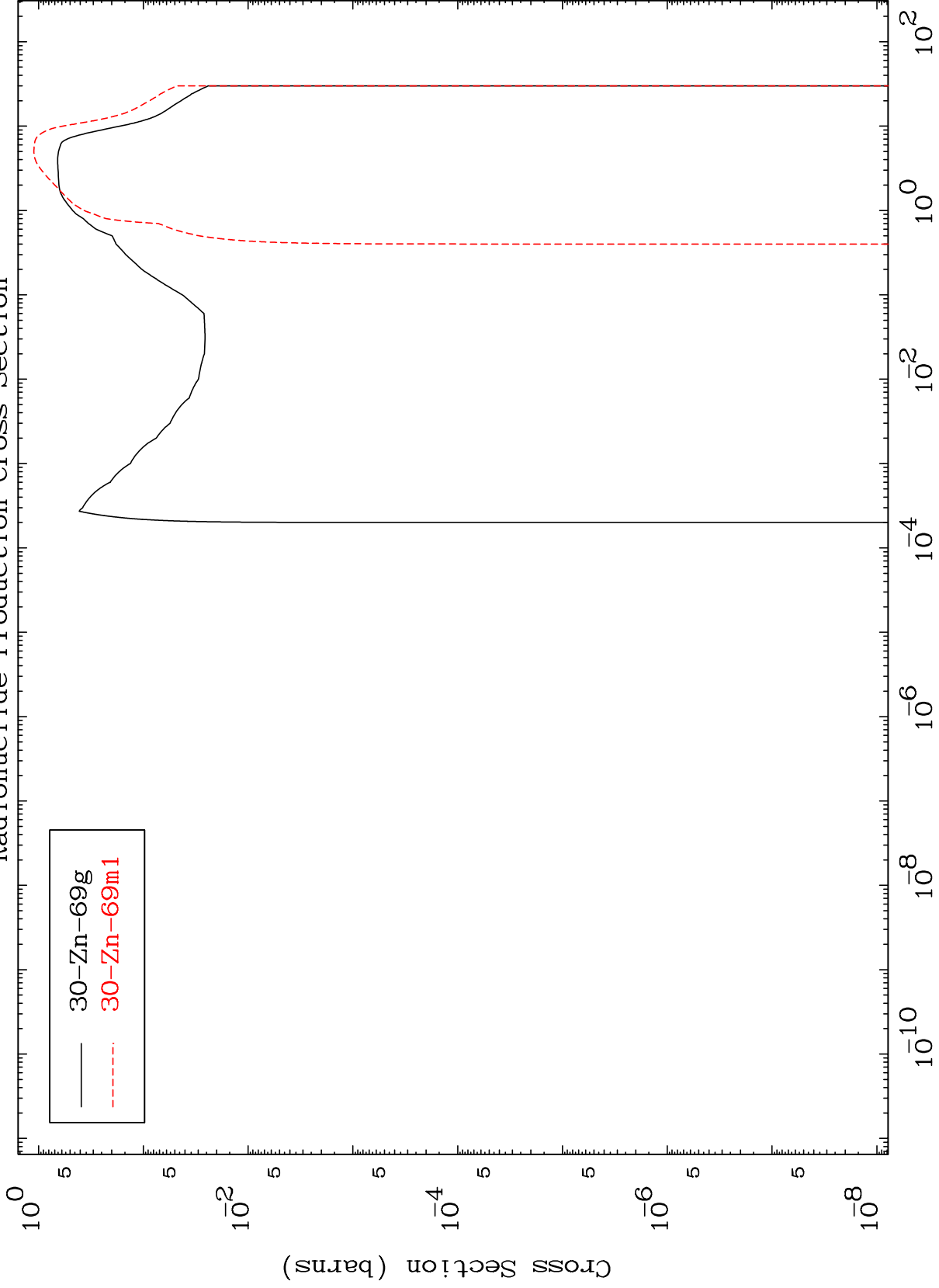
30-Zn-69m



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Inelastic
Radionuclide Production Cross Section

30-Zn-69m



20

Incident Energy (MeV)

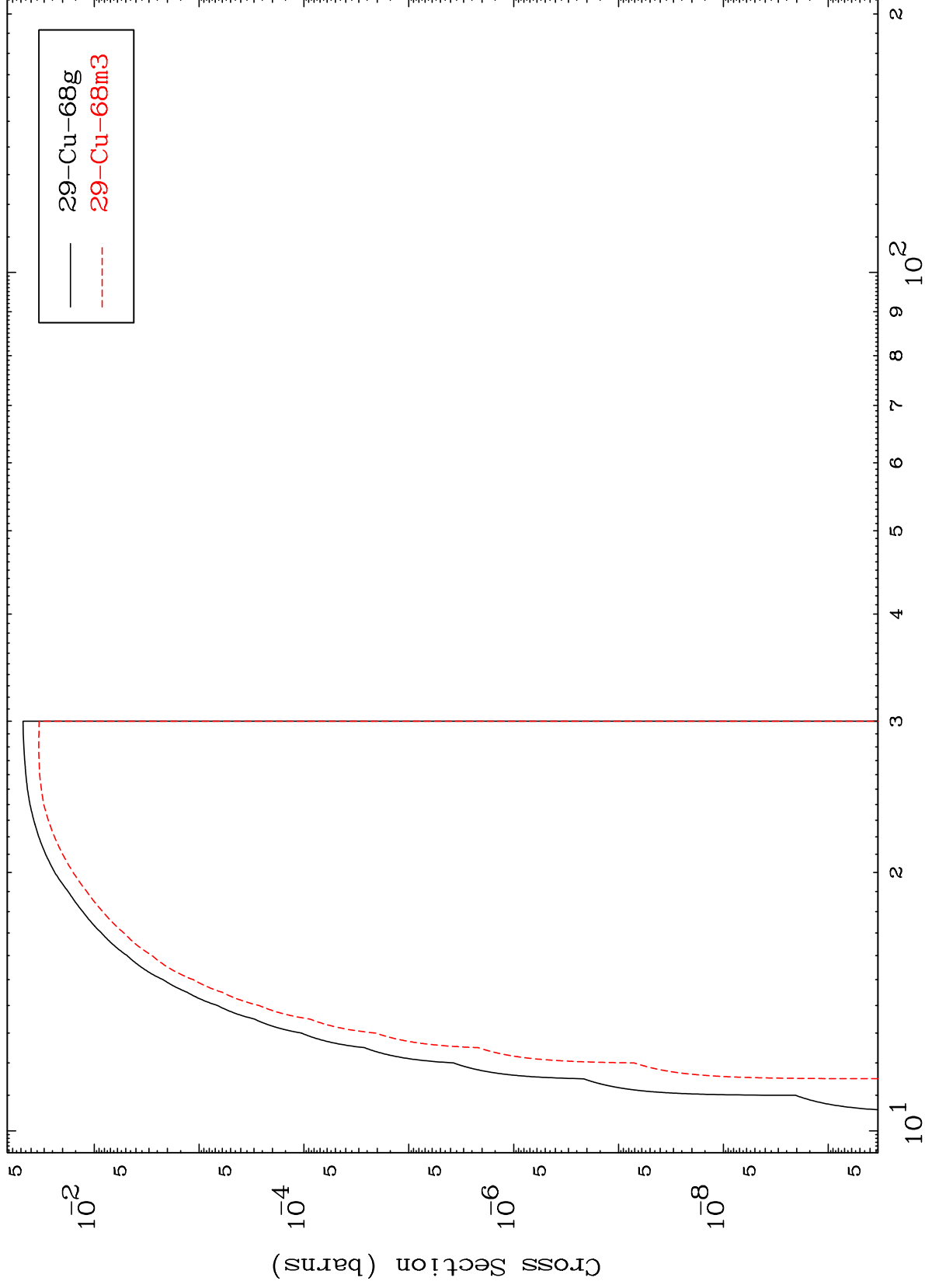
30-Zn-69m

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(n,n') p

30-Zn-69m

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-69m

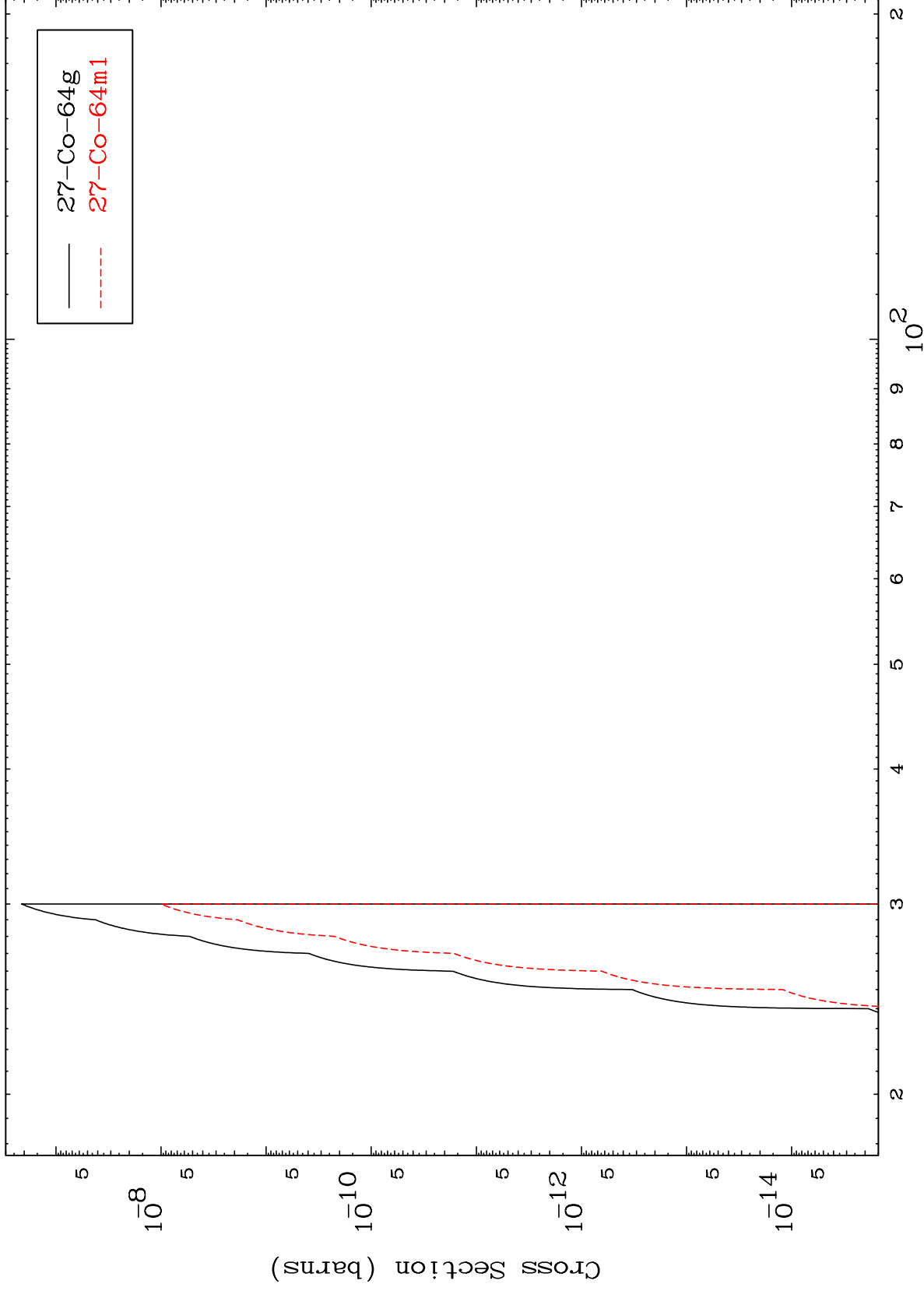
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MAT 3041

(n,n') p α

30-Zn-69m

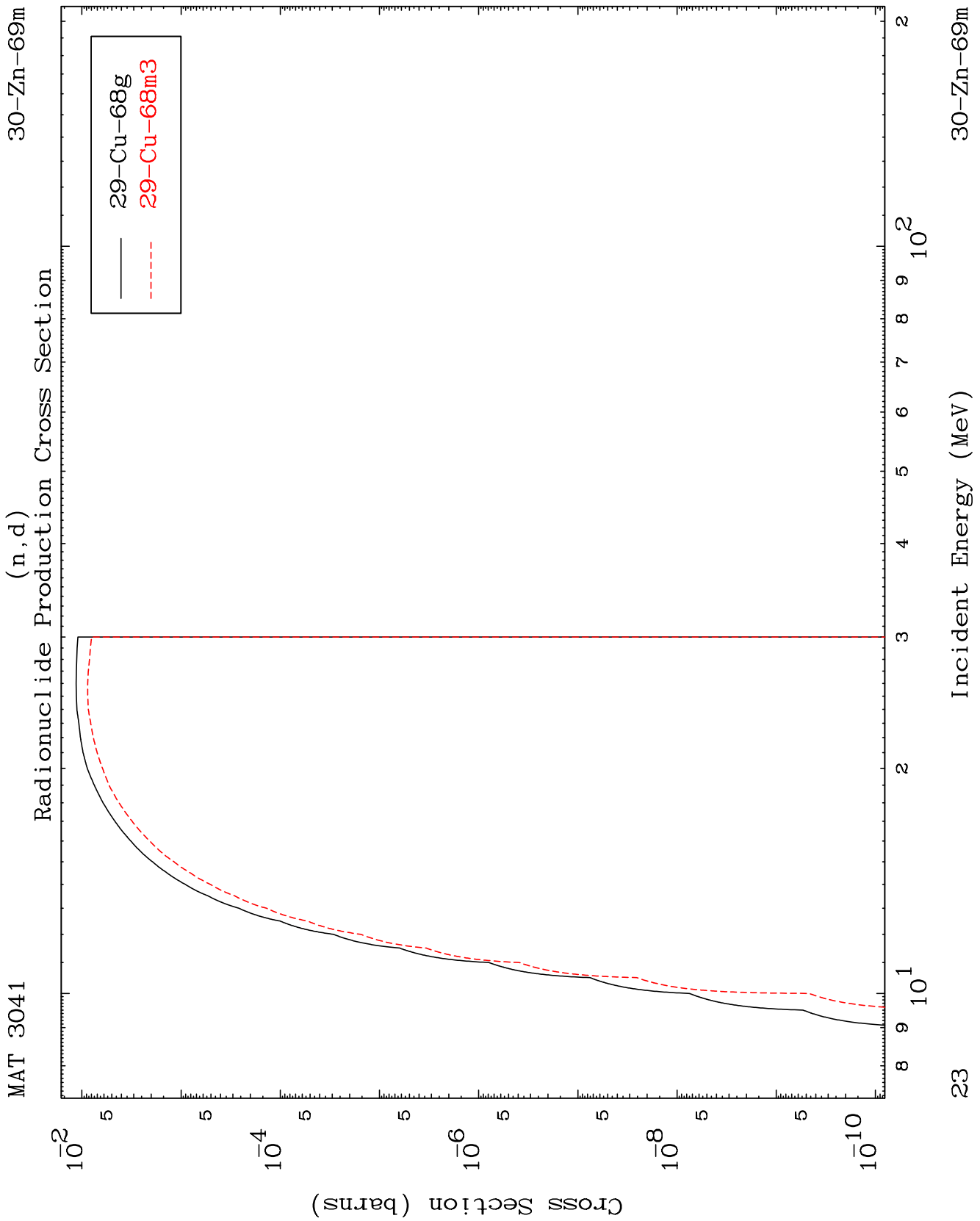
Radionuclide Production Cross Section



22

Incident Energy (MeV)

30-Zn-69m

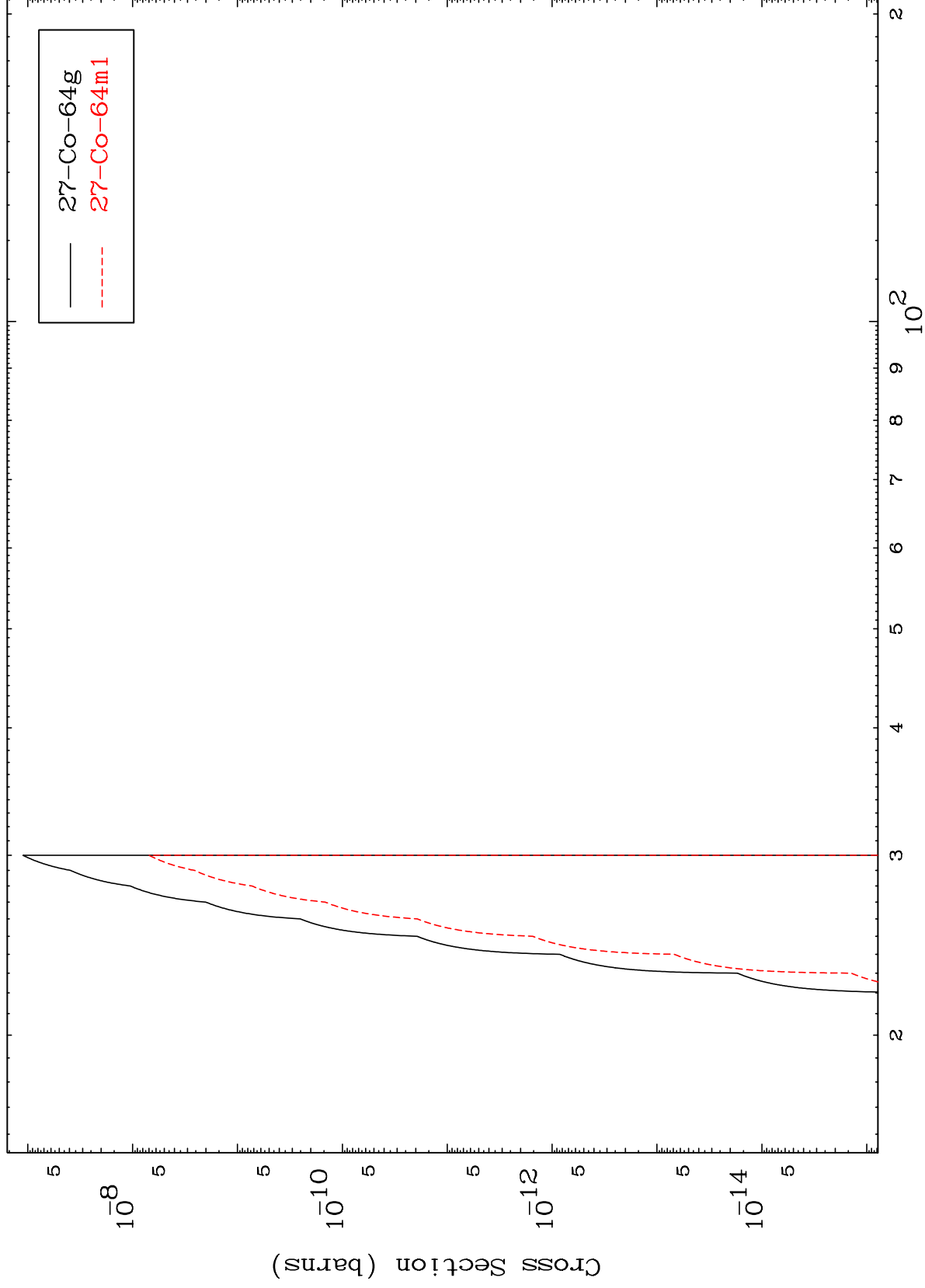


MAT 3041

(n,d) α

30-Zn-69m

Radionuclide Production Cross Section



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Incident Energy (MeV)

30-Zn-69m