

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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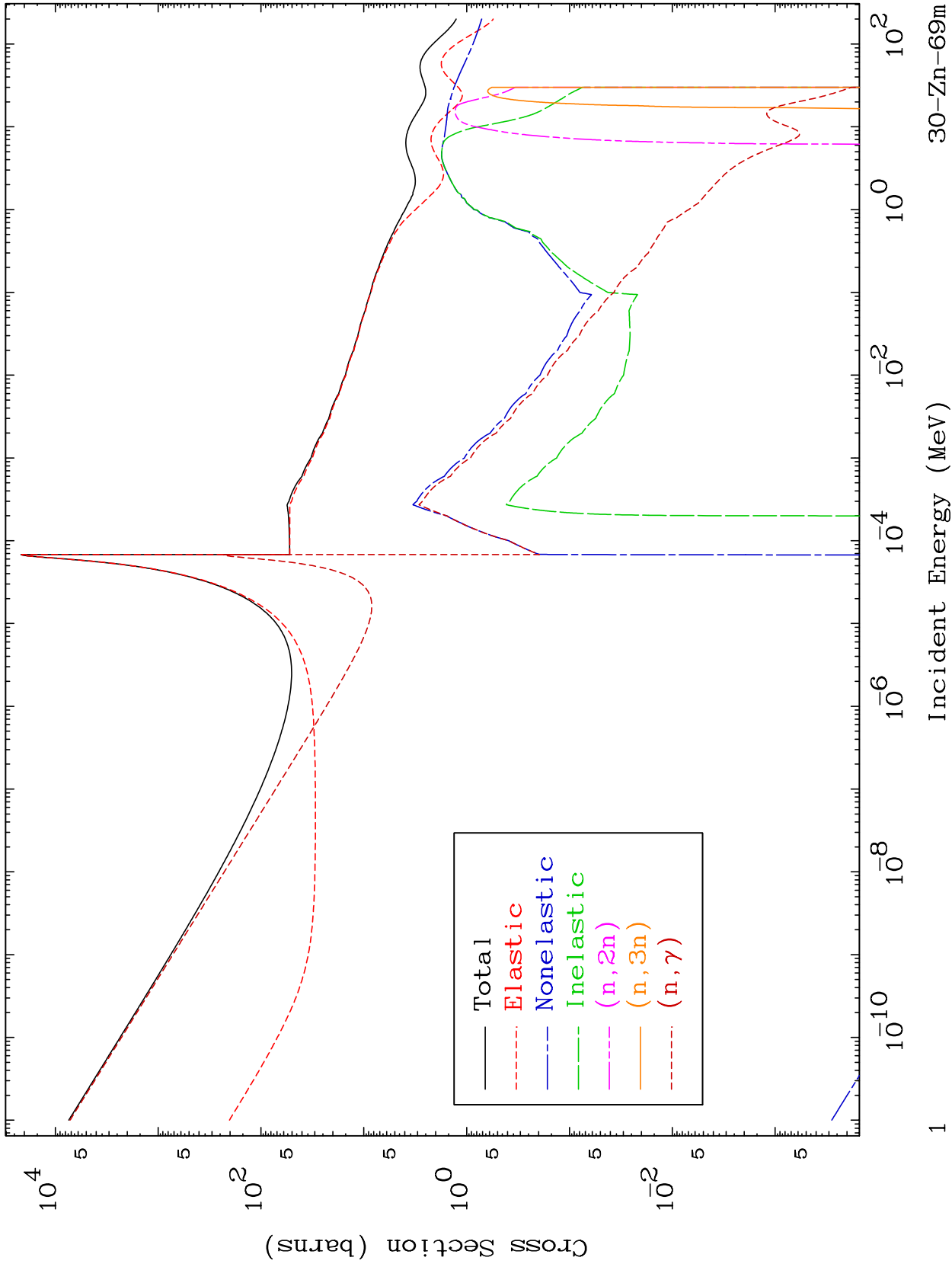
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3041

Neutron Major  
293 Kelvin Cross Sections

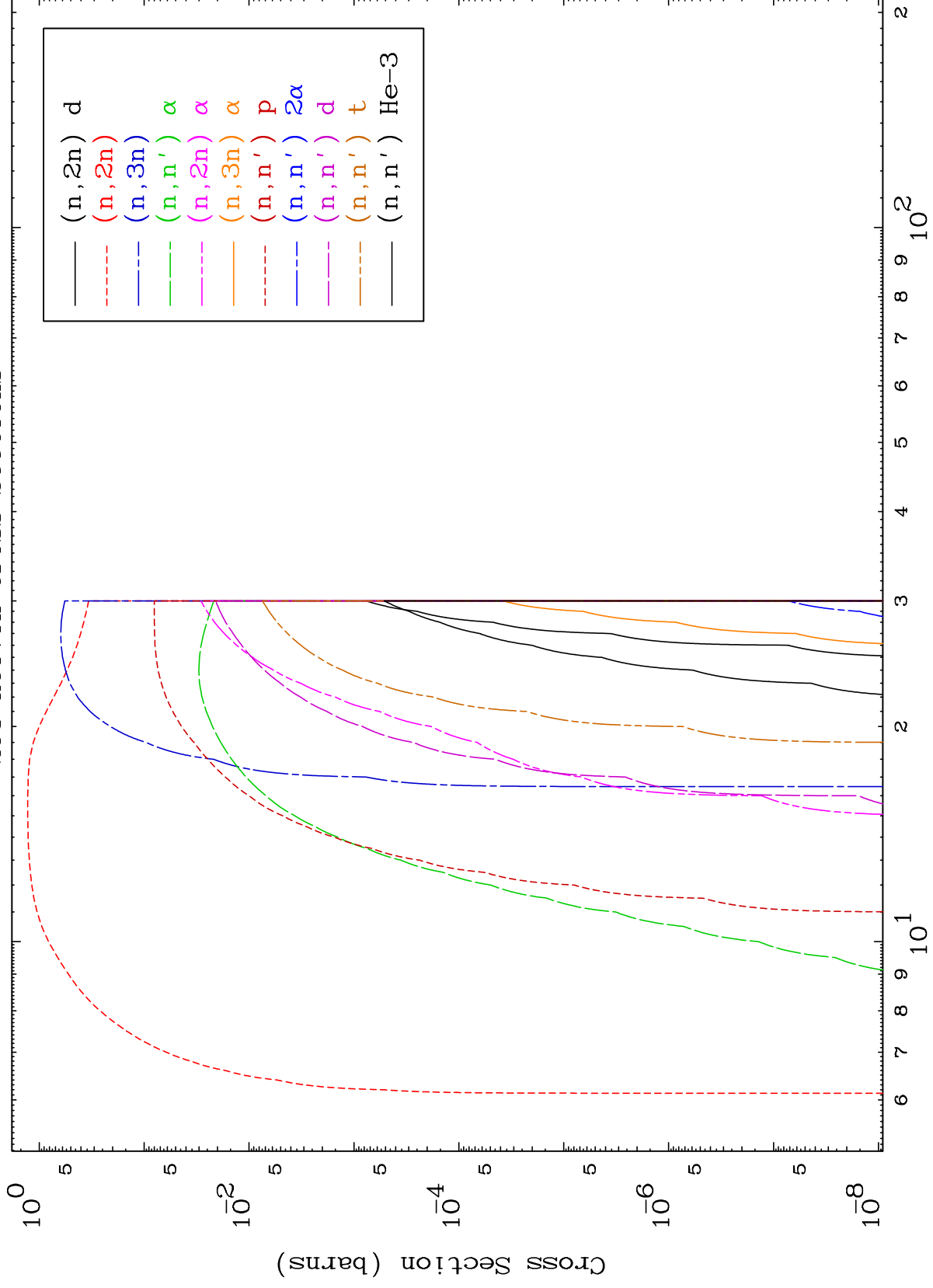
30-Zn-69m



MAT 3041

Neutron Absorption  
293 Kelvin Cross Sections

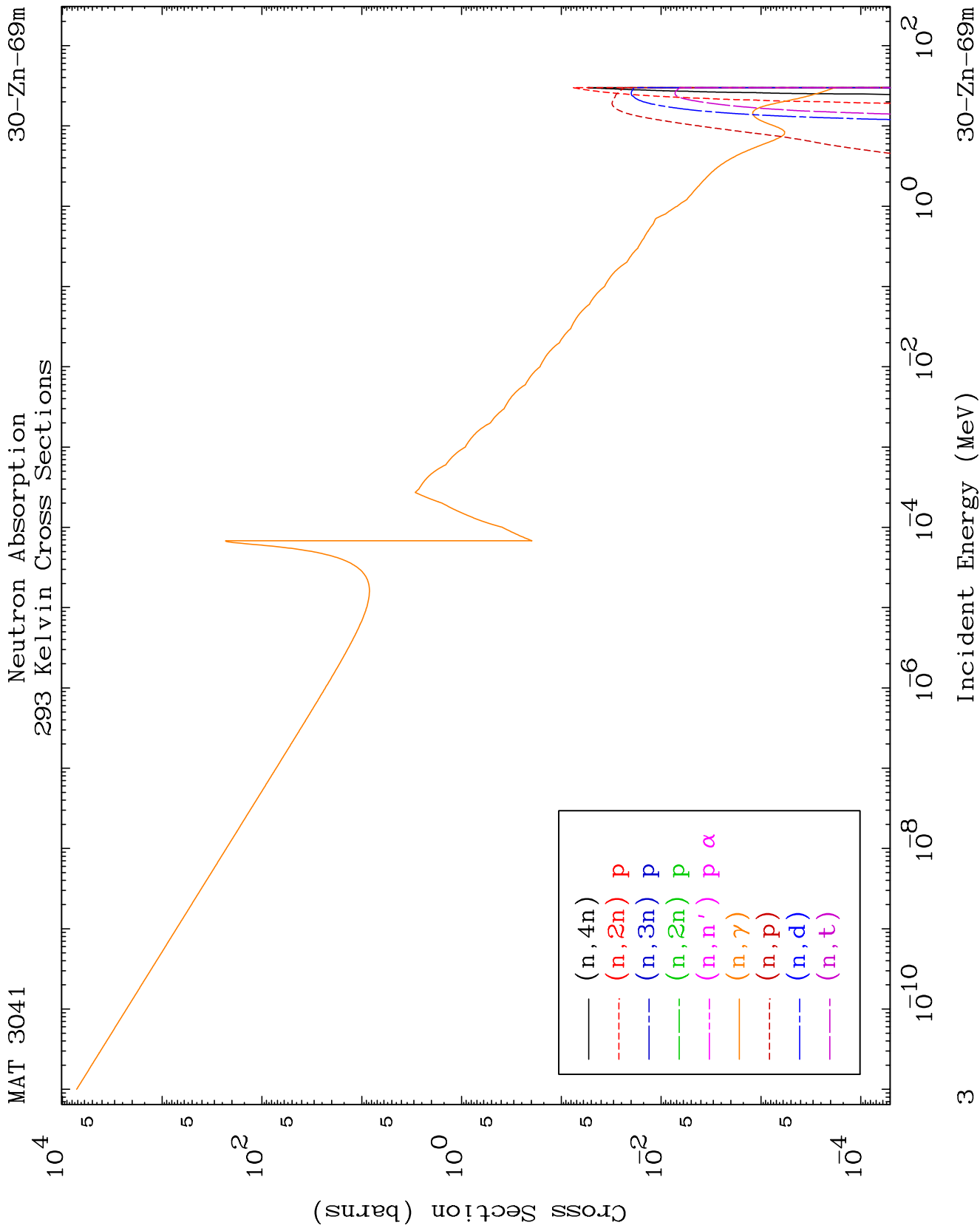
30-Zn-69m

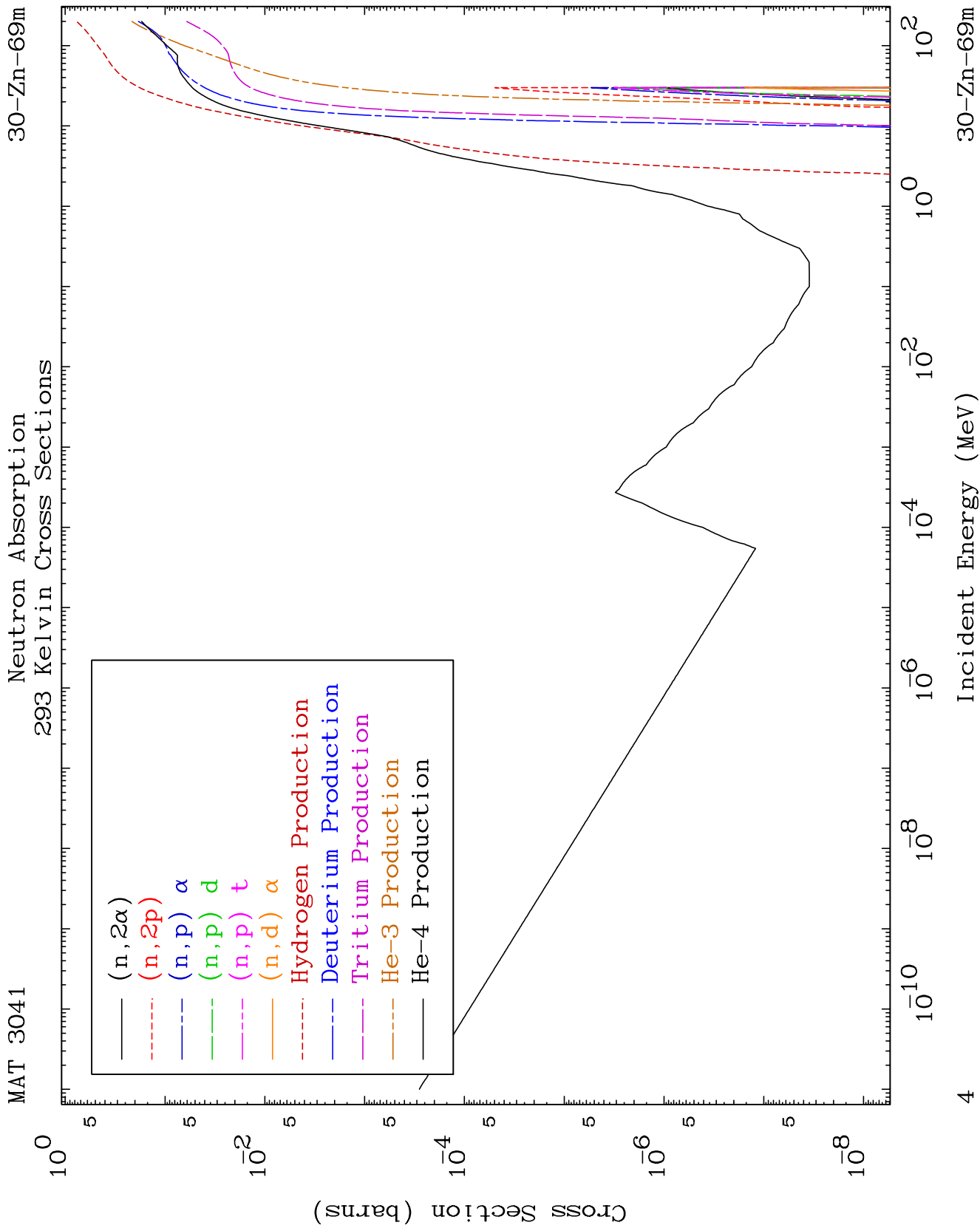


2

Incident Energy (MeV)

30-Zn-69m

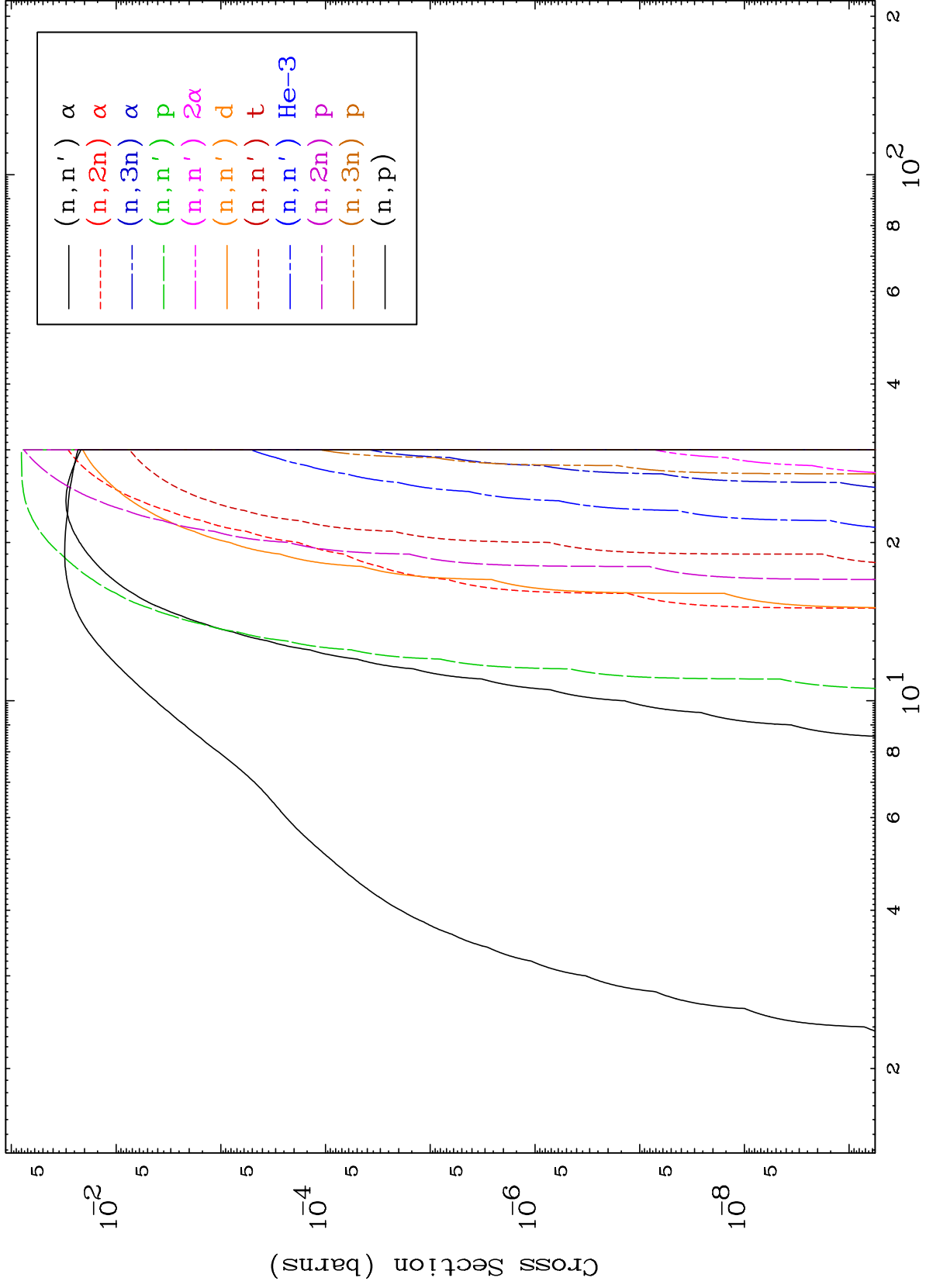




MAT 3041

Charged Particle  
293 Kelvin Cross Sections

30-Zn-69m



5

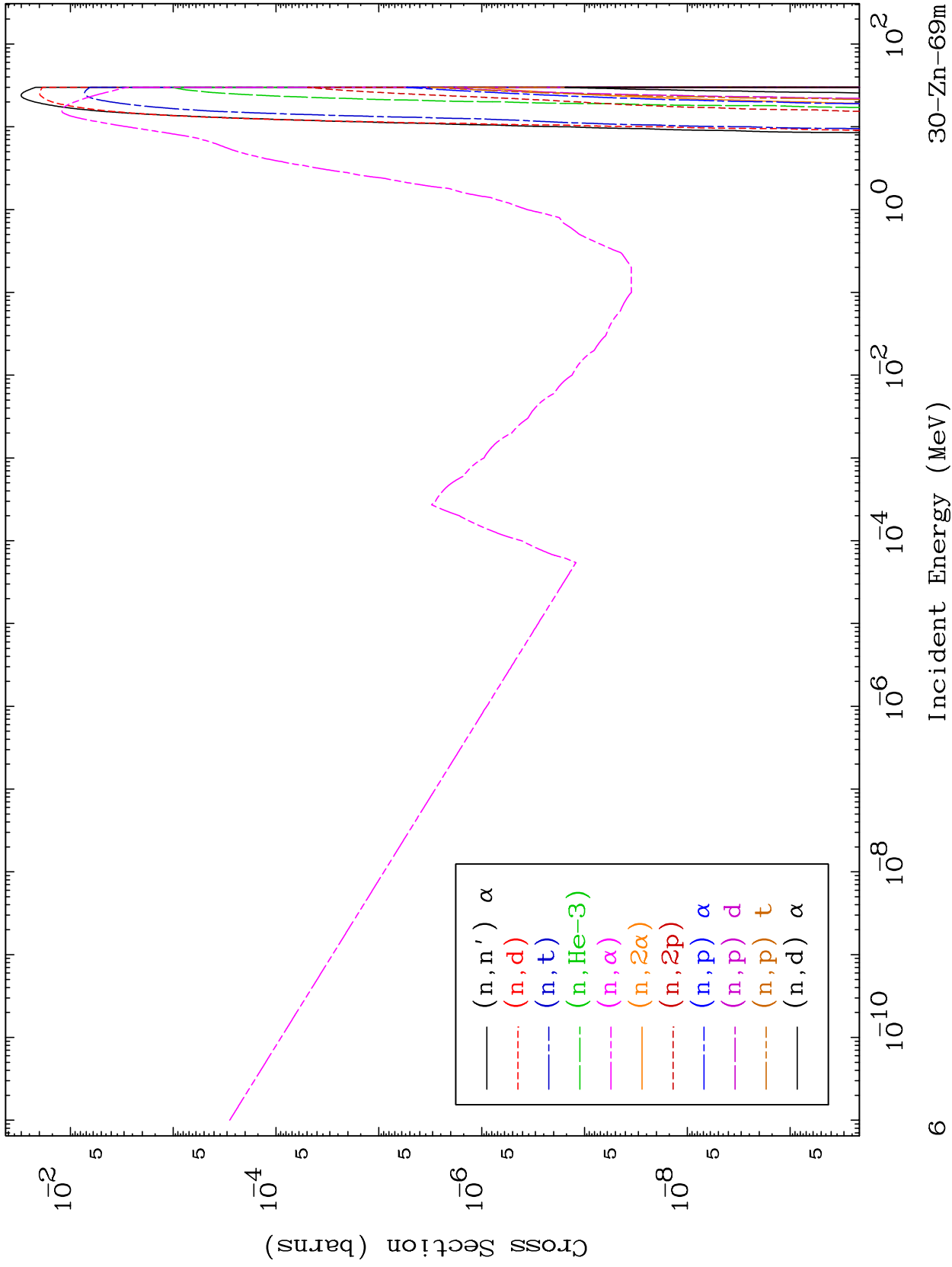
Incident Energy (MeV)

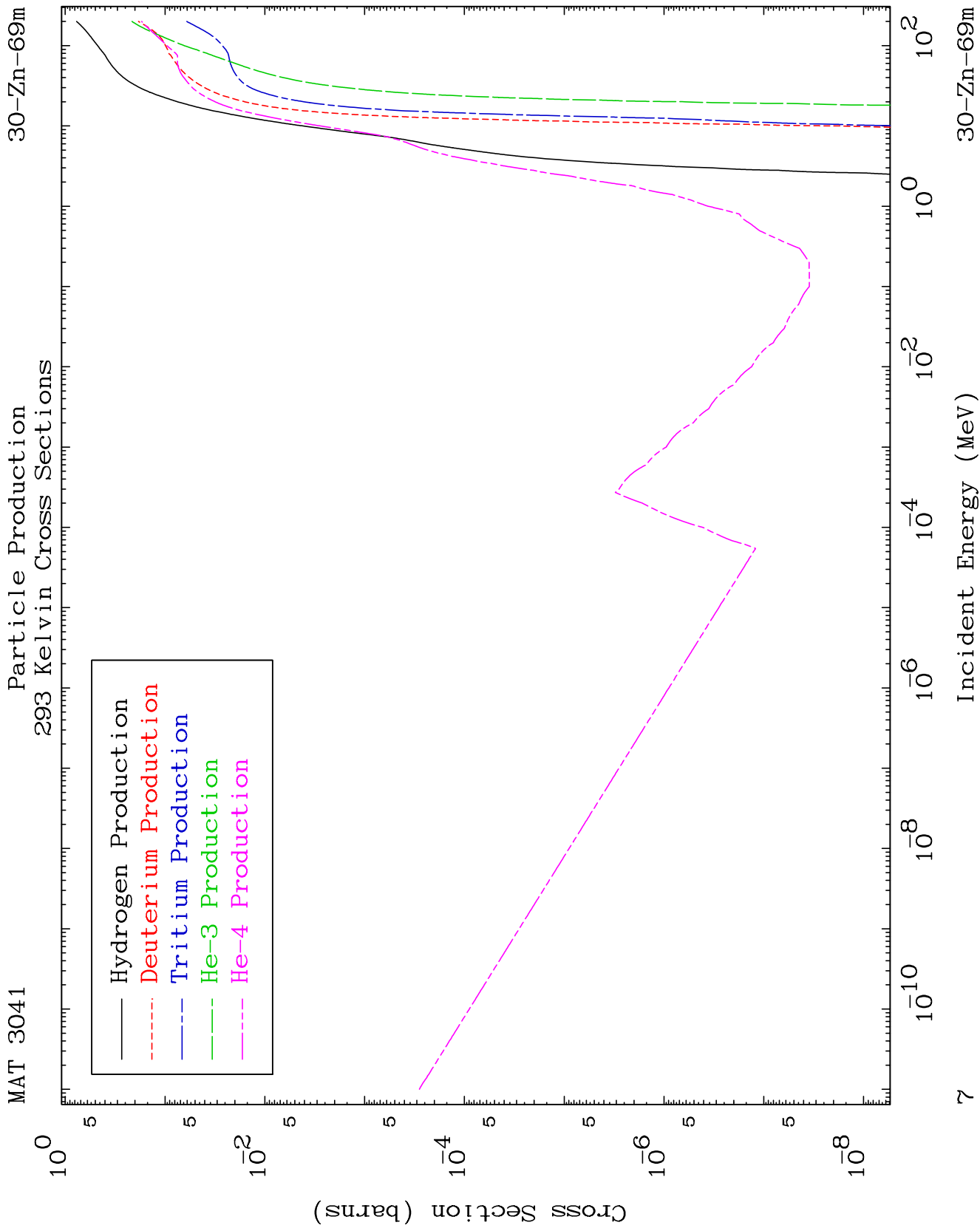
30-Zn-69m

MAT 3041

Charged Particle  
293 Kelvin Cross Sections

30-Zn-69m



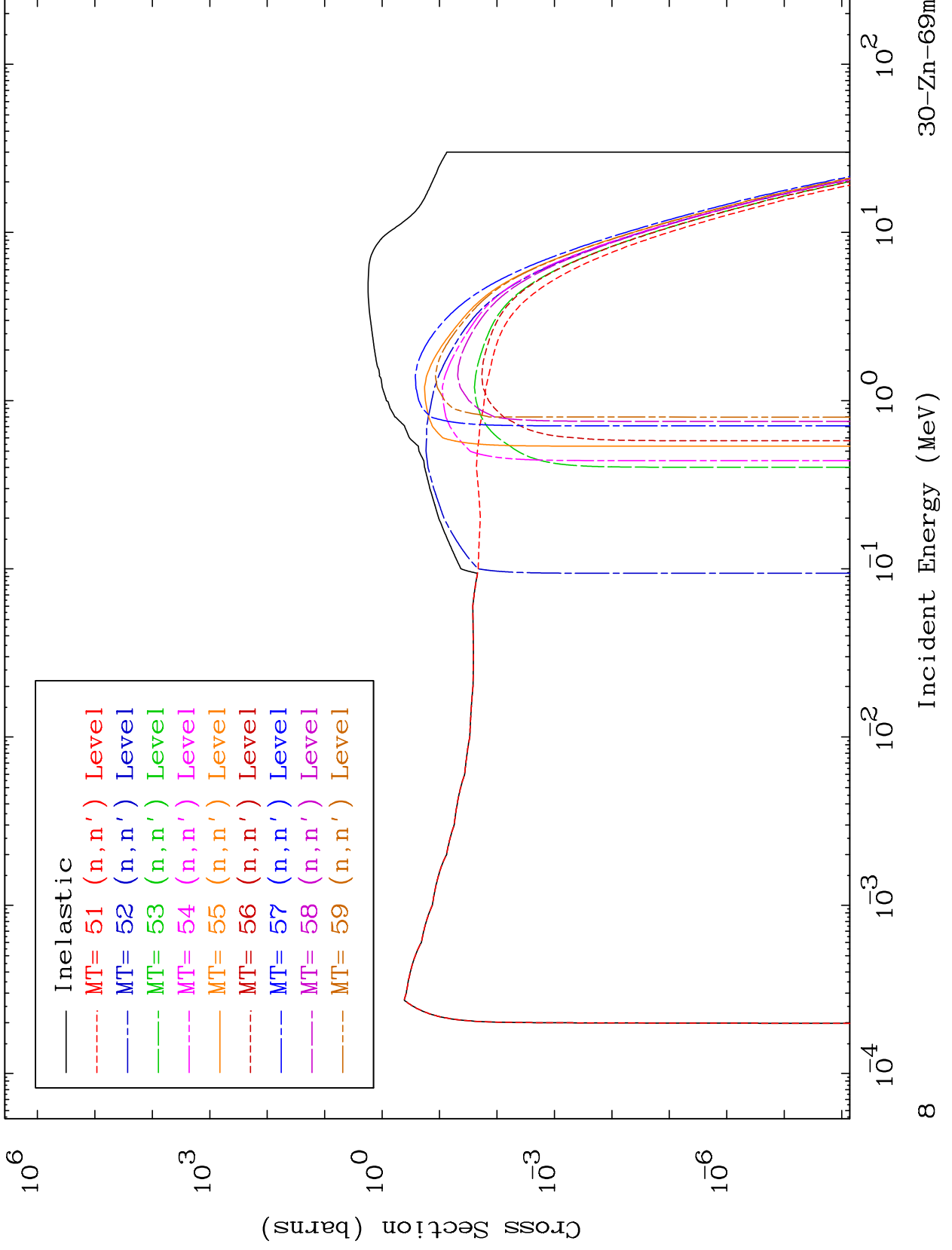


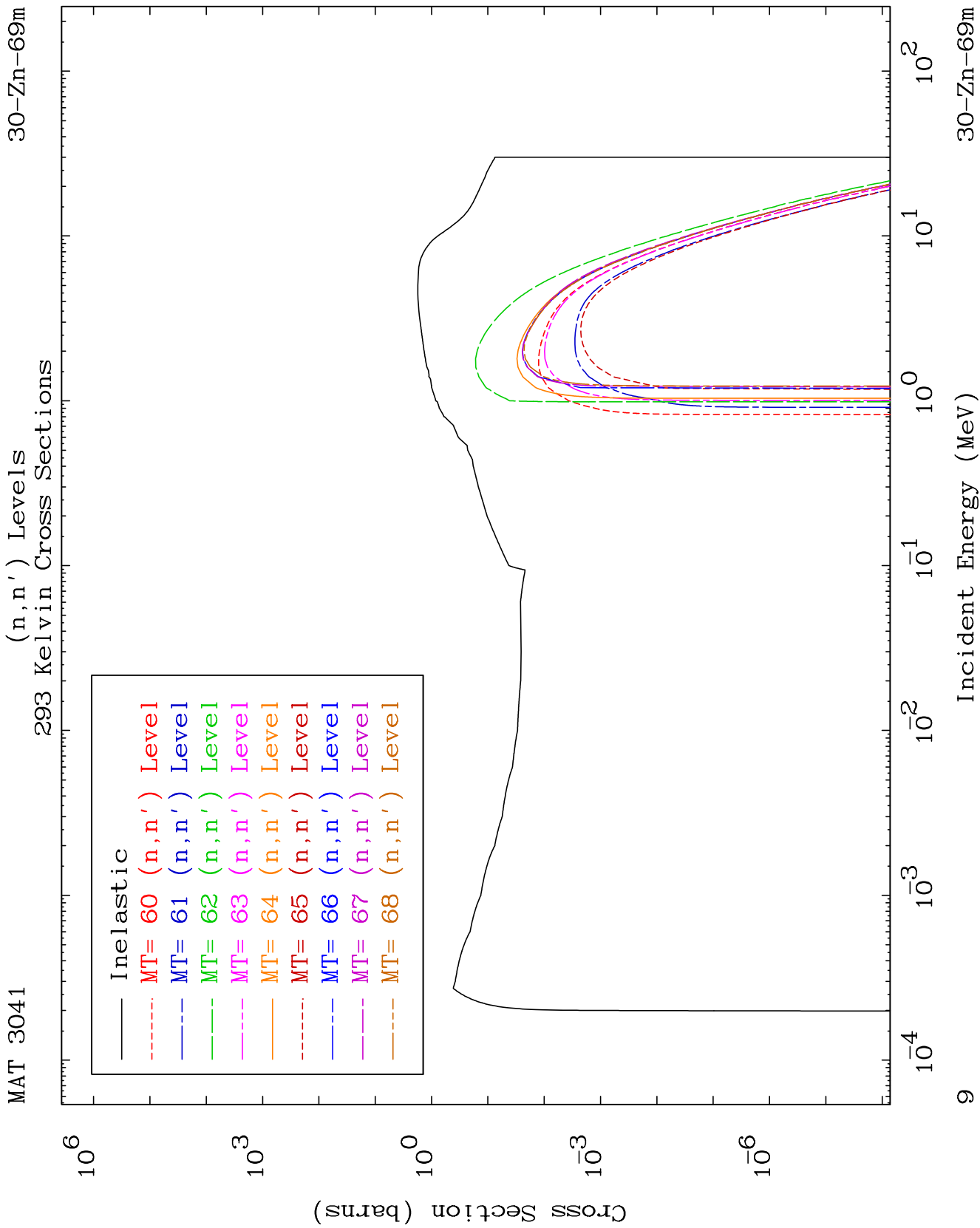


MAT 3041

(n,n') Levels  
293 Kelvin Cross Sections

30-Zn-69m

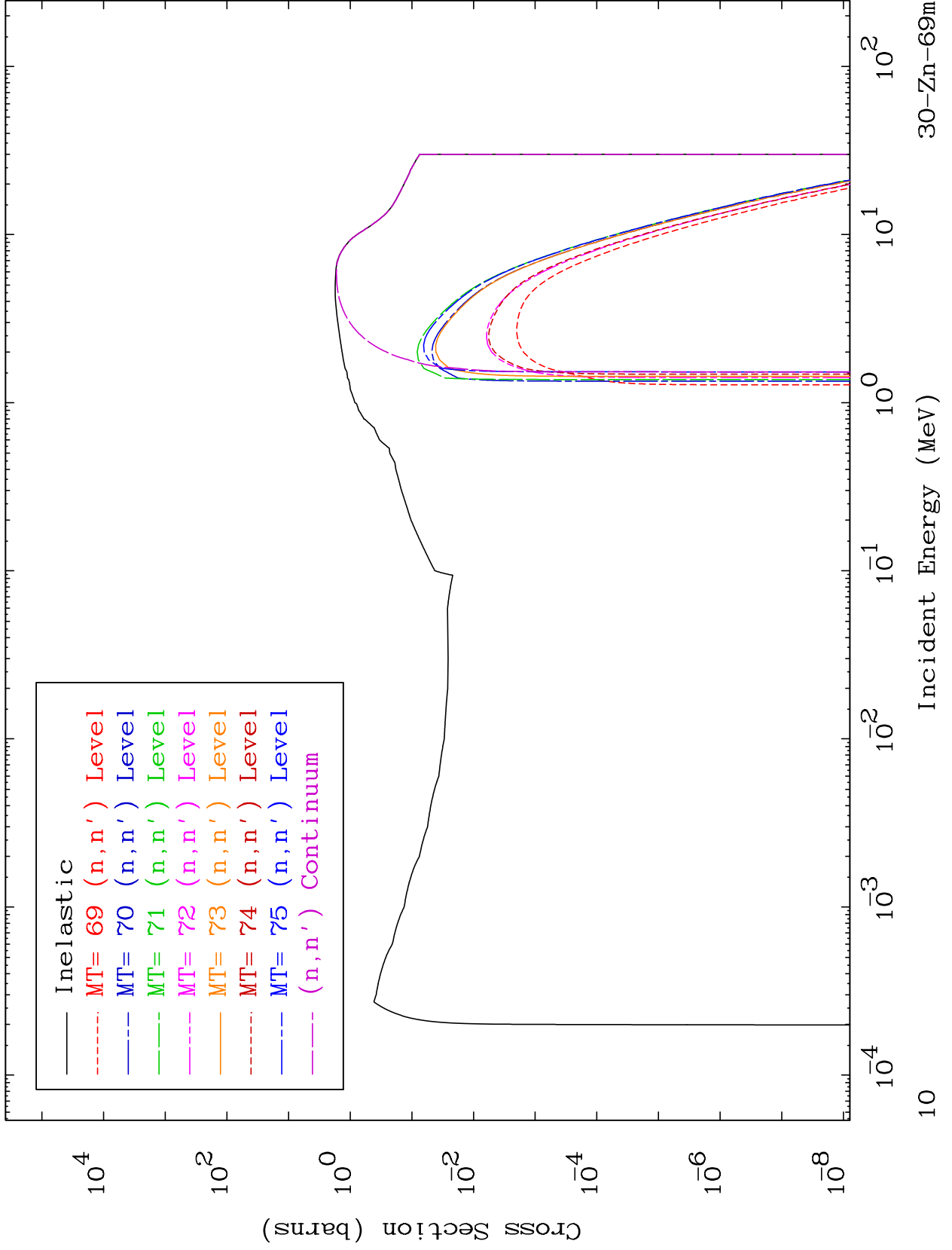




MAT 3041

(n,n') Levels  
293 Kelvin Cross Sections

30-Zn-69m

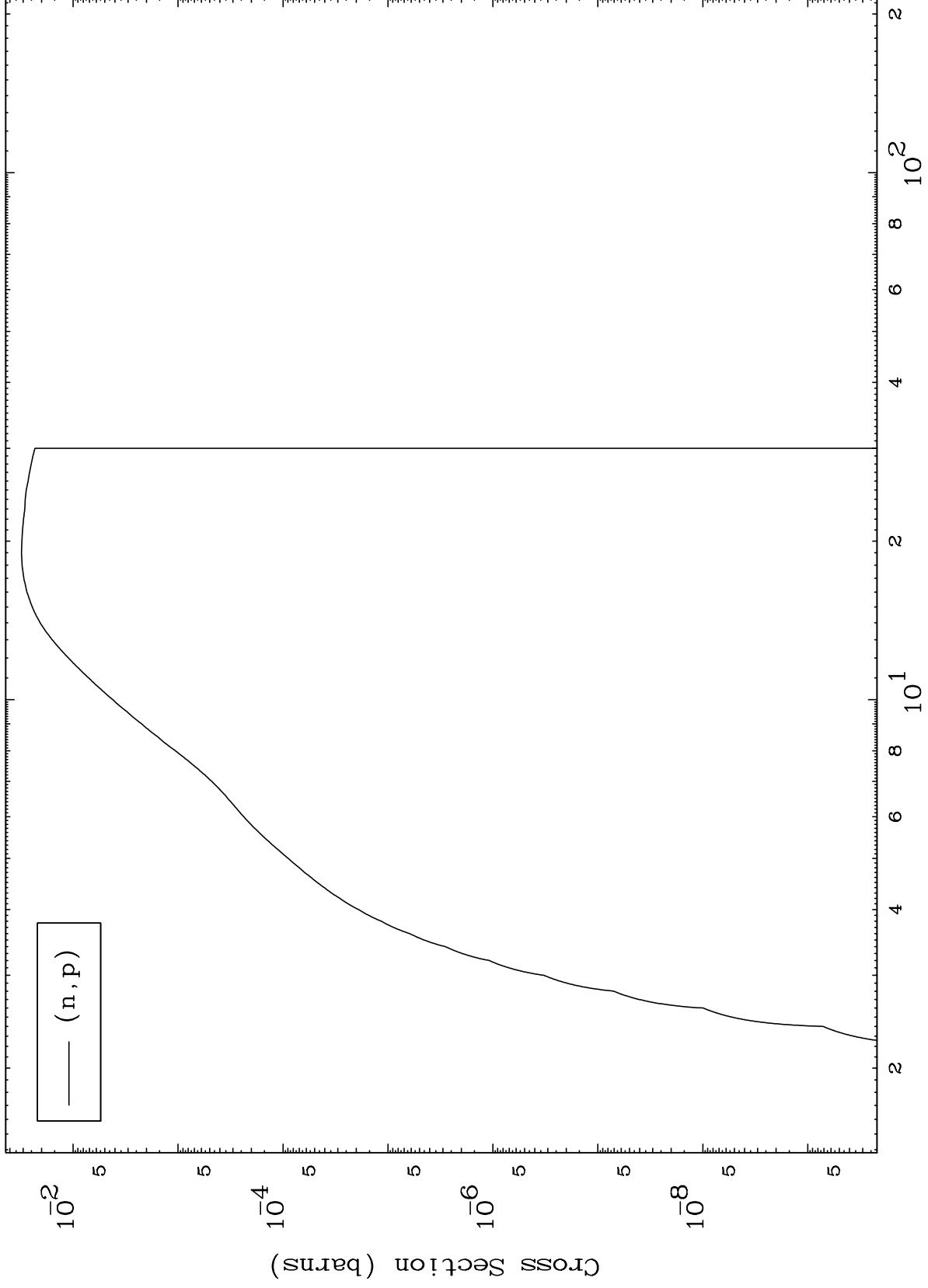


30-Zn-69m

MAT 3041

(n,p) Levels  
293 Kelvin Cross Sections

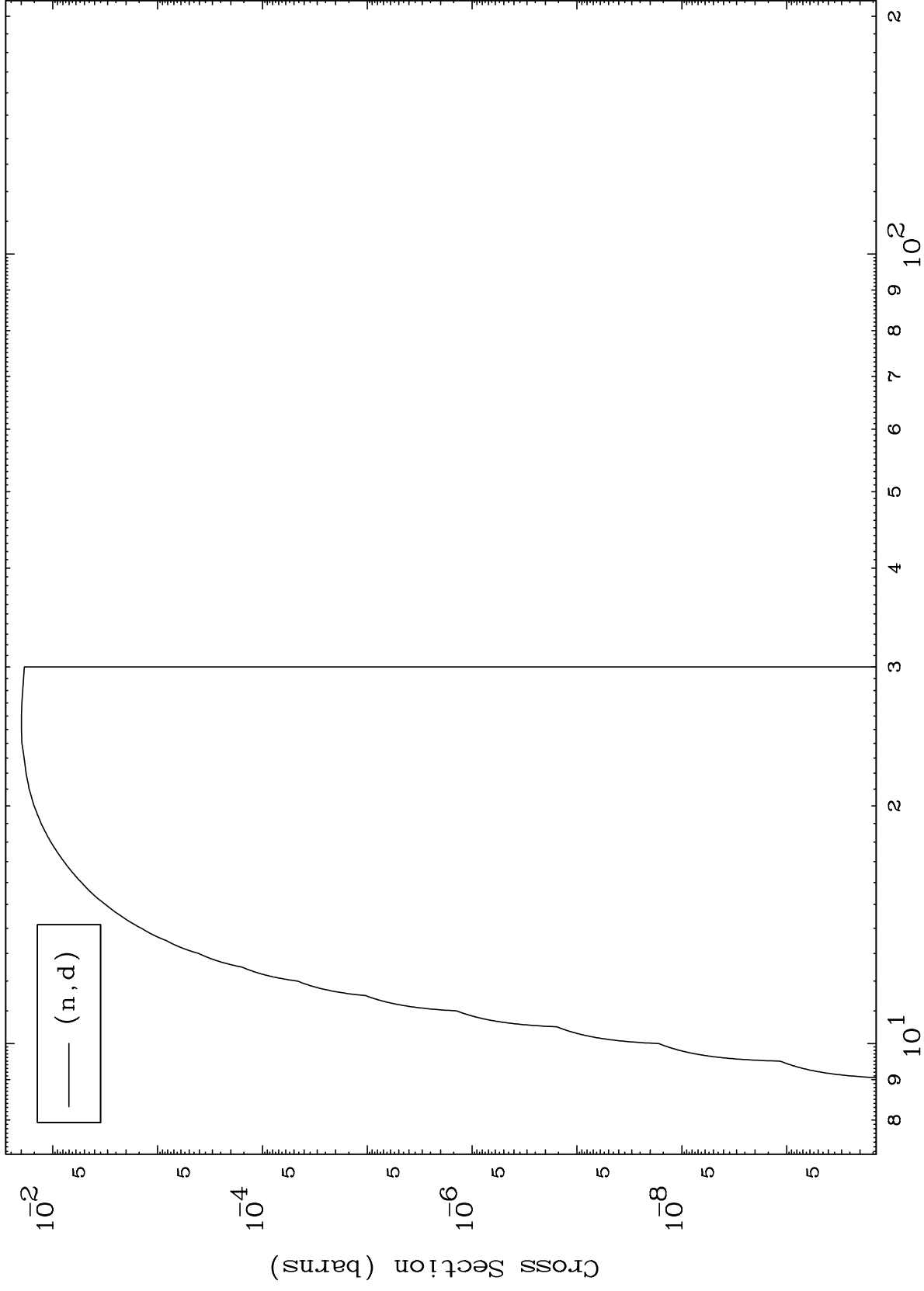
30-Zn-69m



MAT 3041

(n,d) Levels  
293 Kelvin Cross Sections

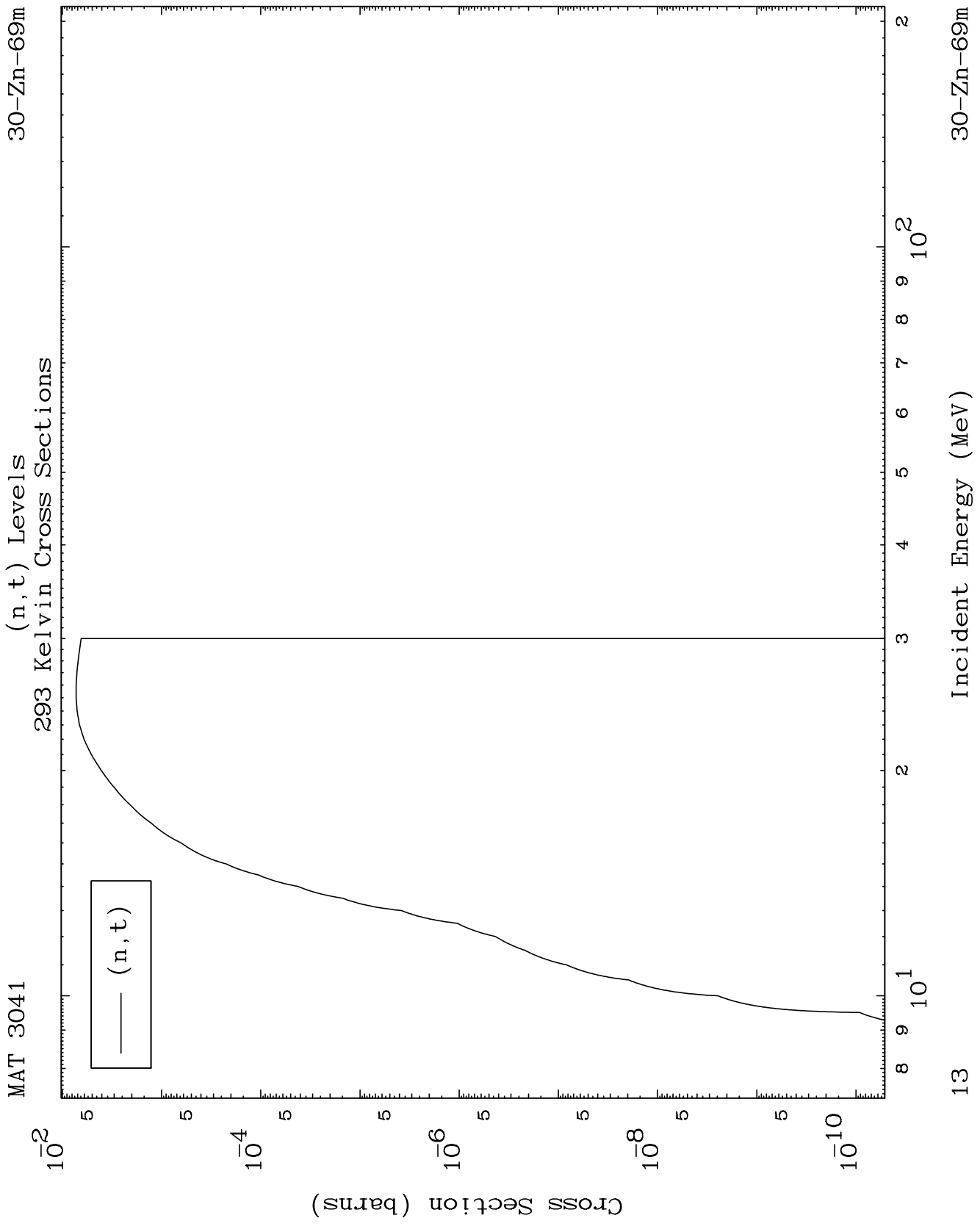
30-Zn-69m



12

Incident Energy (MeV)

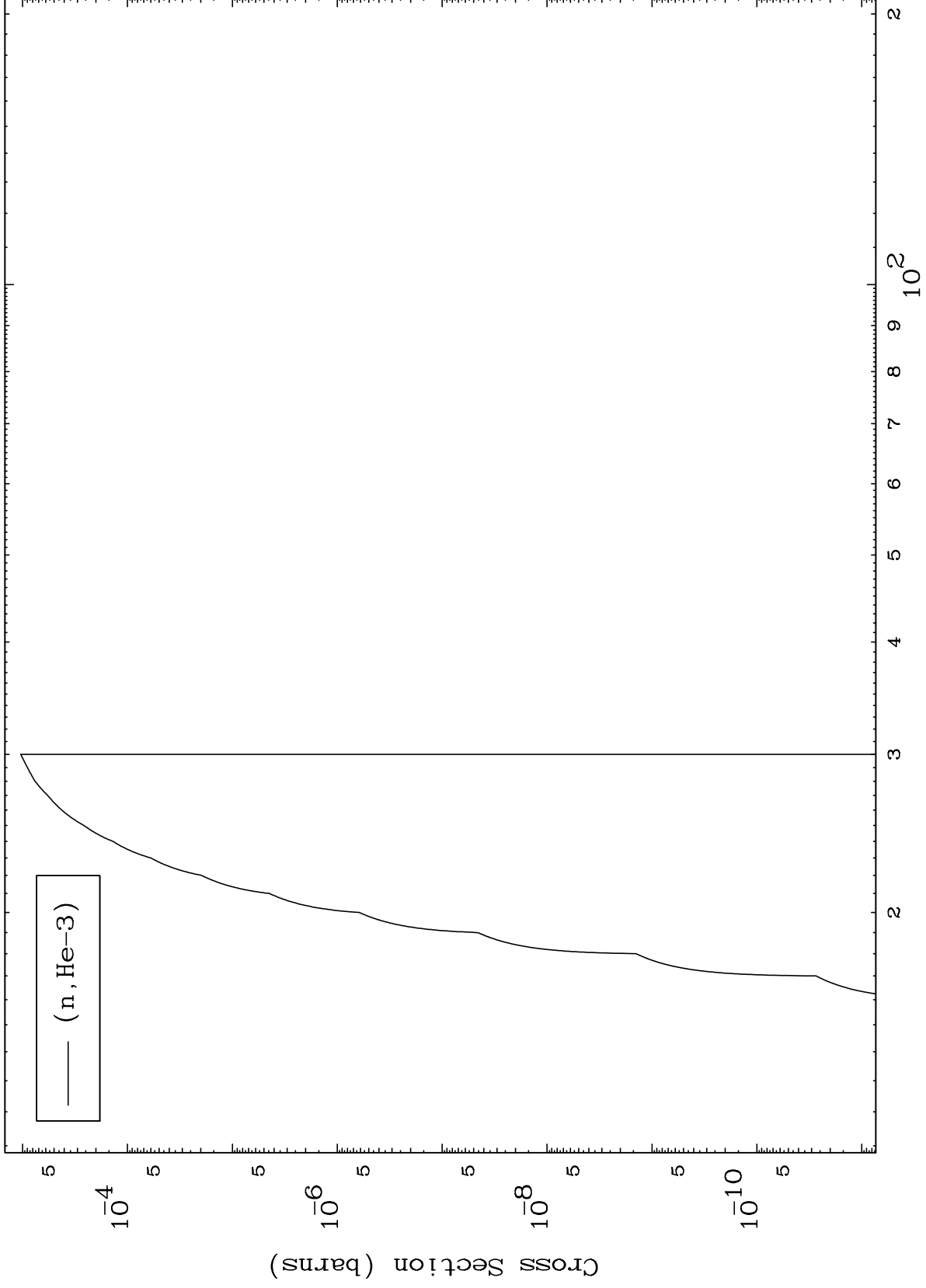
30-Zn-69m



MAT 3041

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-69m



14

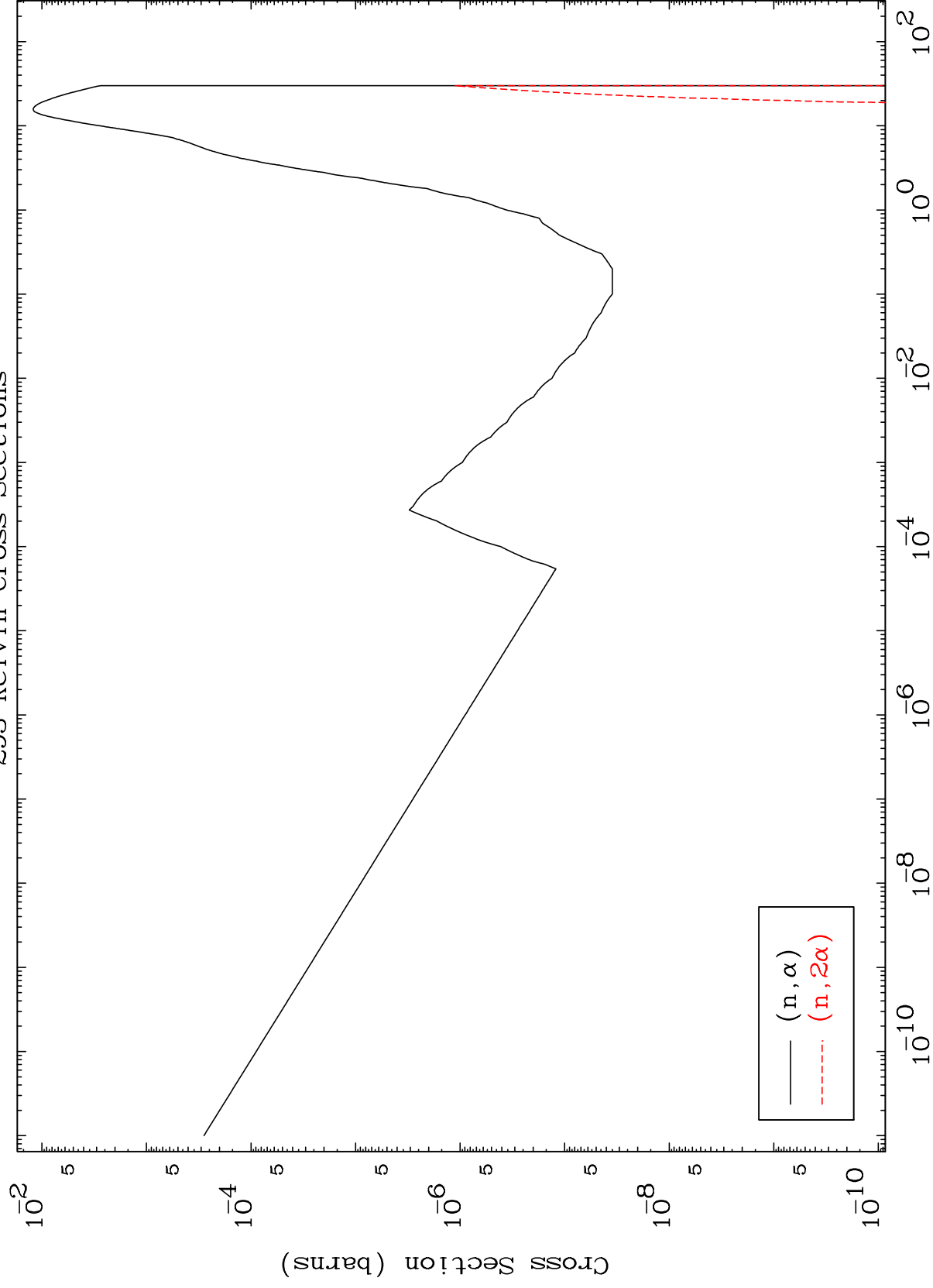
Incident Energy (MeV)

30-Zn-69m

MAT 3041

(n,α) Levels  
293 Kelvin Cross Sections

30-Zn-69m



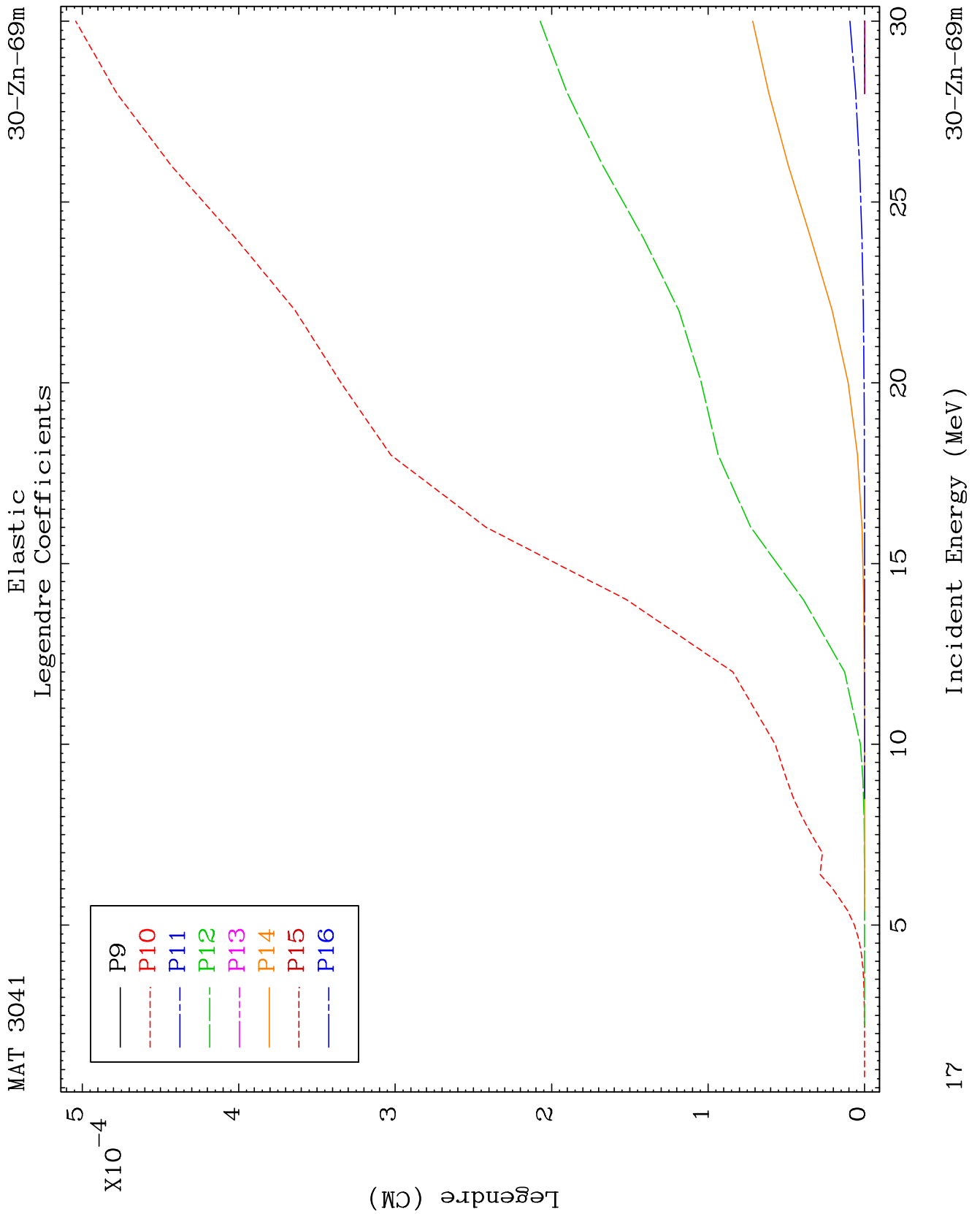
15

Incident Energy (MeV)

30-Zn-69m



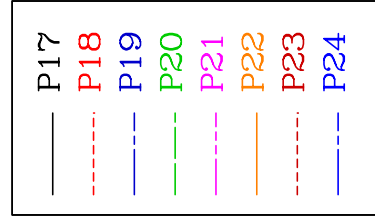




MAT 3041

Elastic  
Legendre Coefficients

30-Zn-69m



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

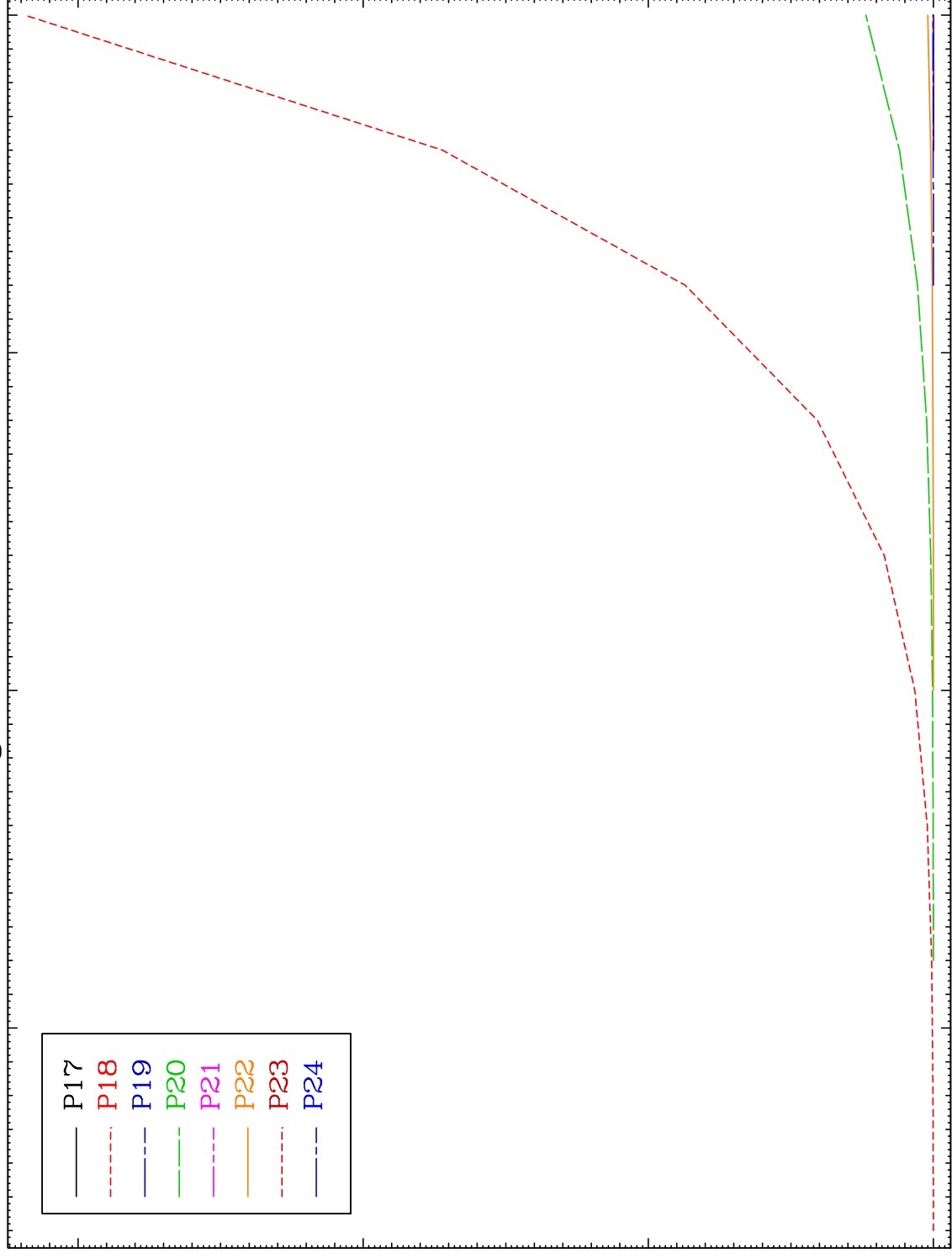
25

30

18

Incident Energy (MeV)

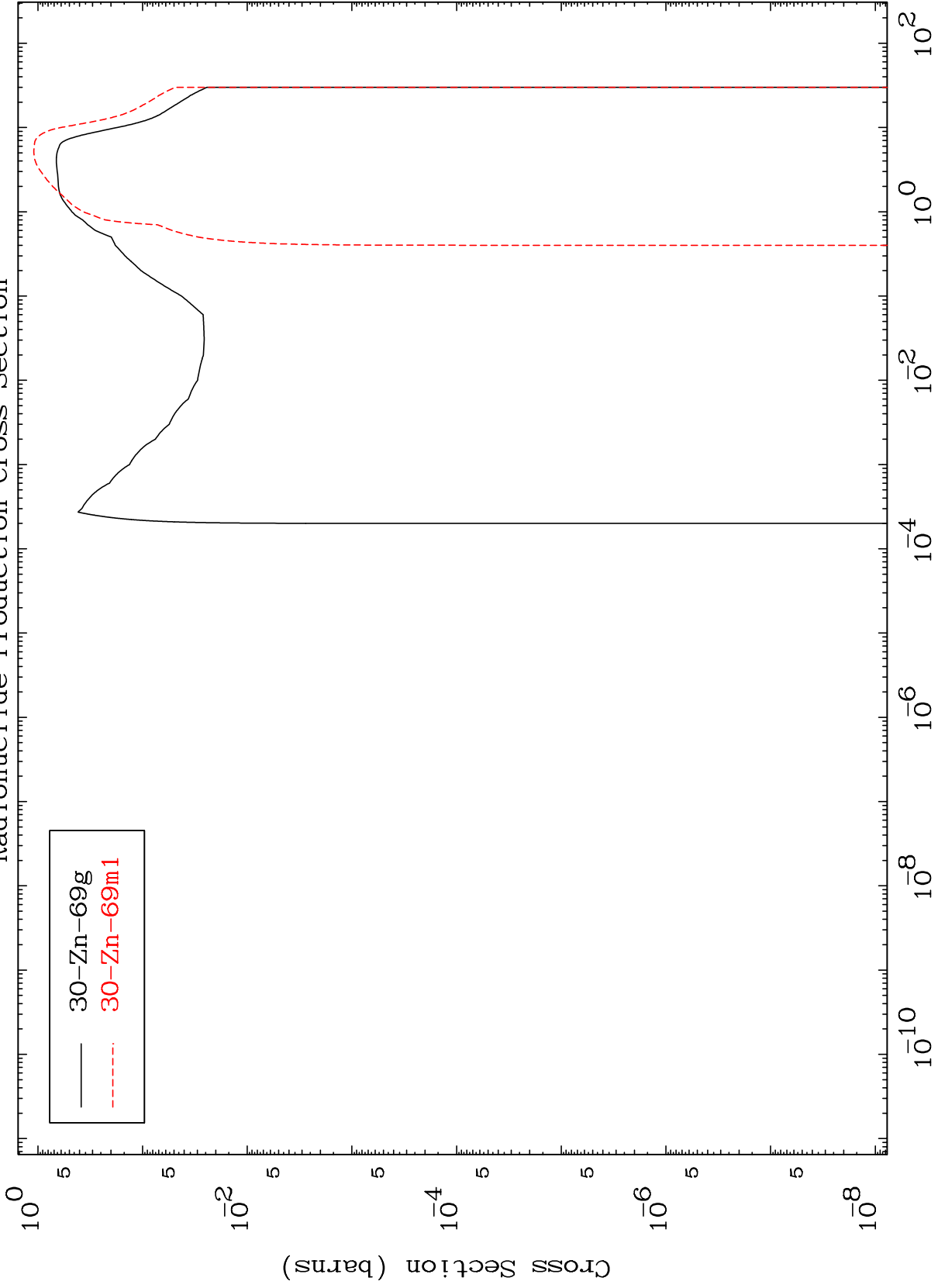
30-Zn-69m



MAT 3041

30-Zn-69m

Inelastic  
Radionuclide Production Cross Section

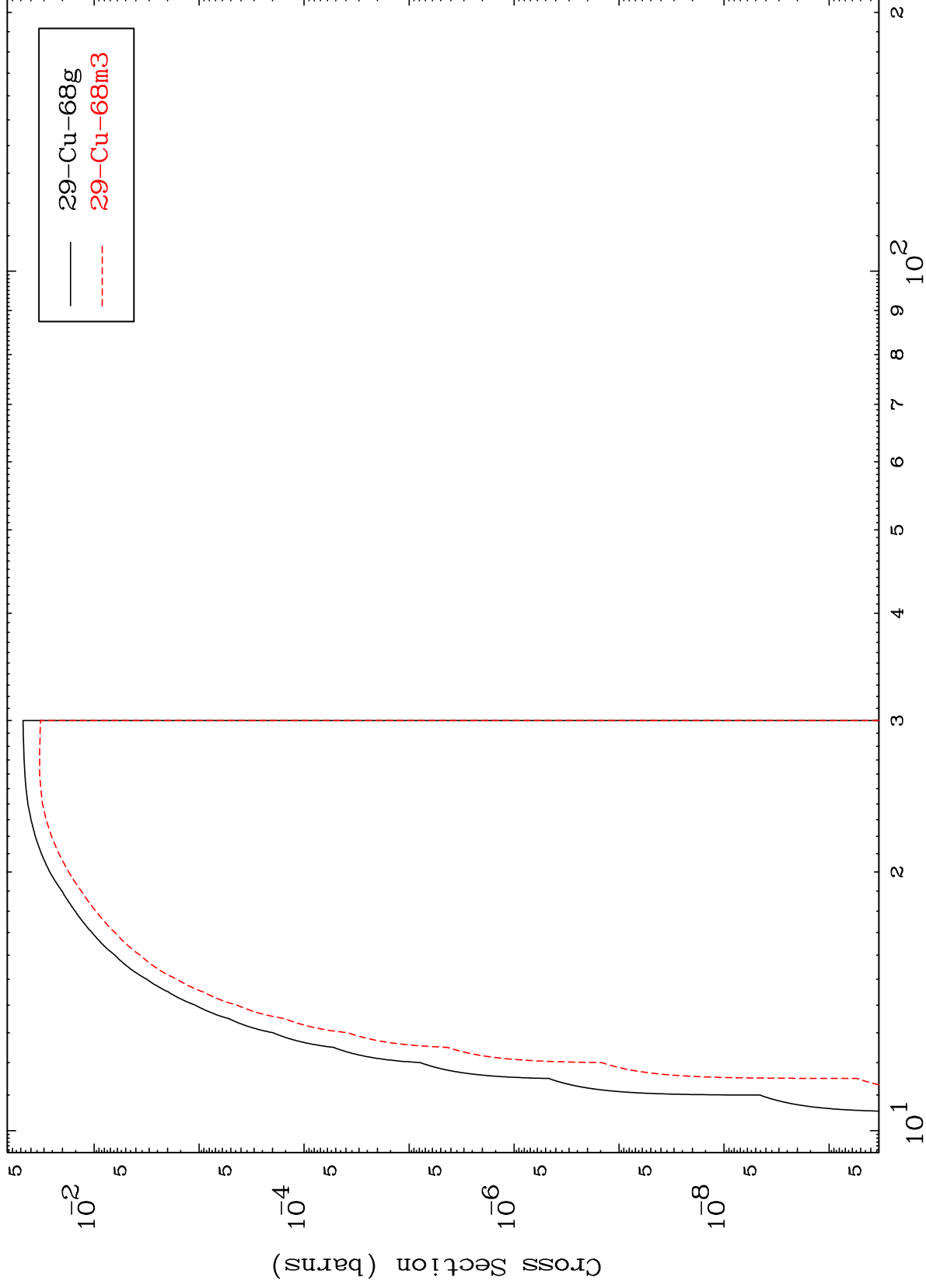


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(n,n') p

30-Zn-69m

Radionuclide Production Cross Section



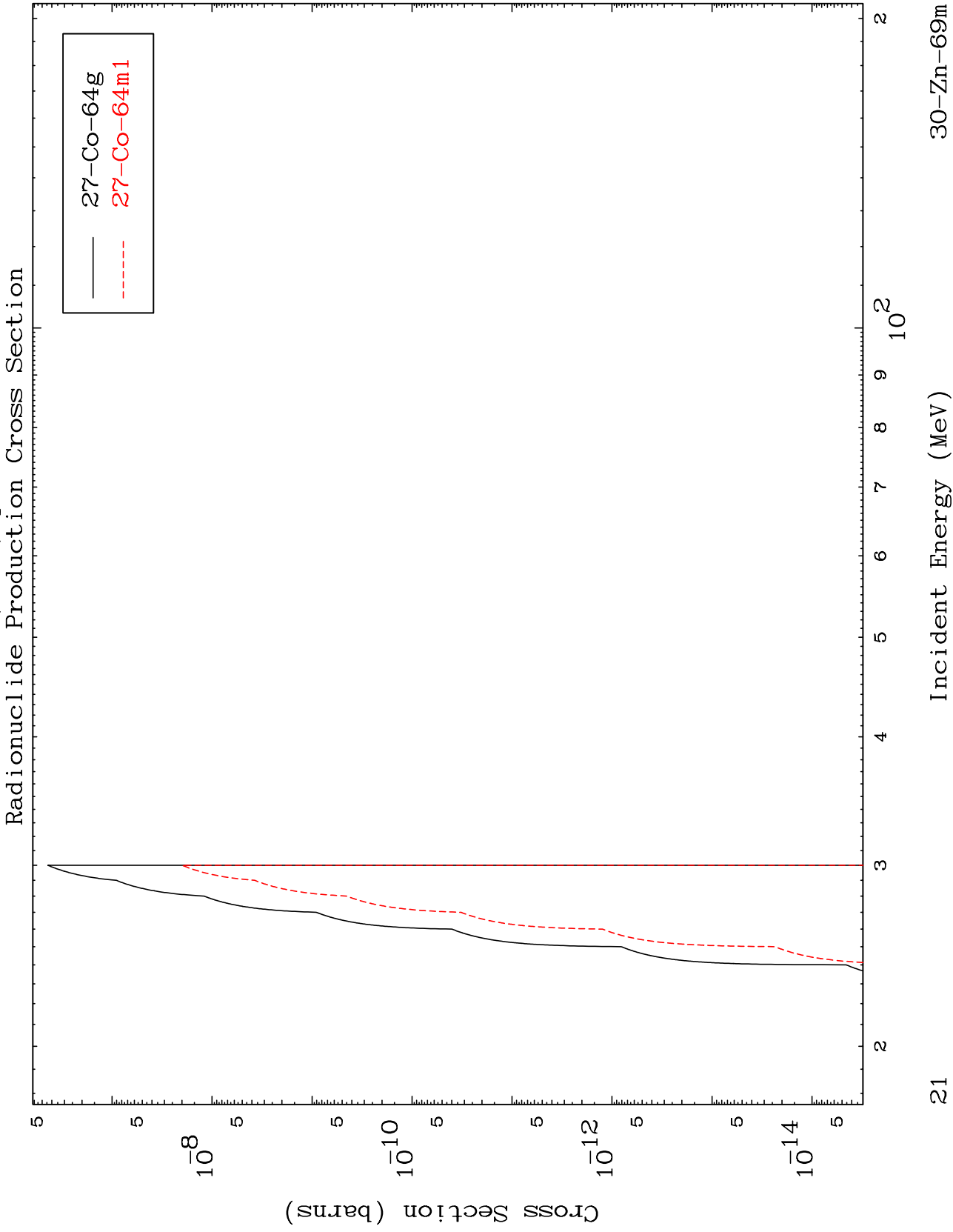
Incident Energy (MeV)

30-Zn-69m

MAT 3041

(n,n') p  $\alpha$

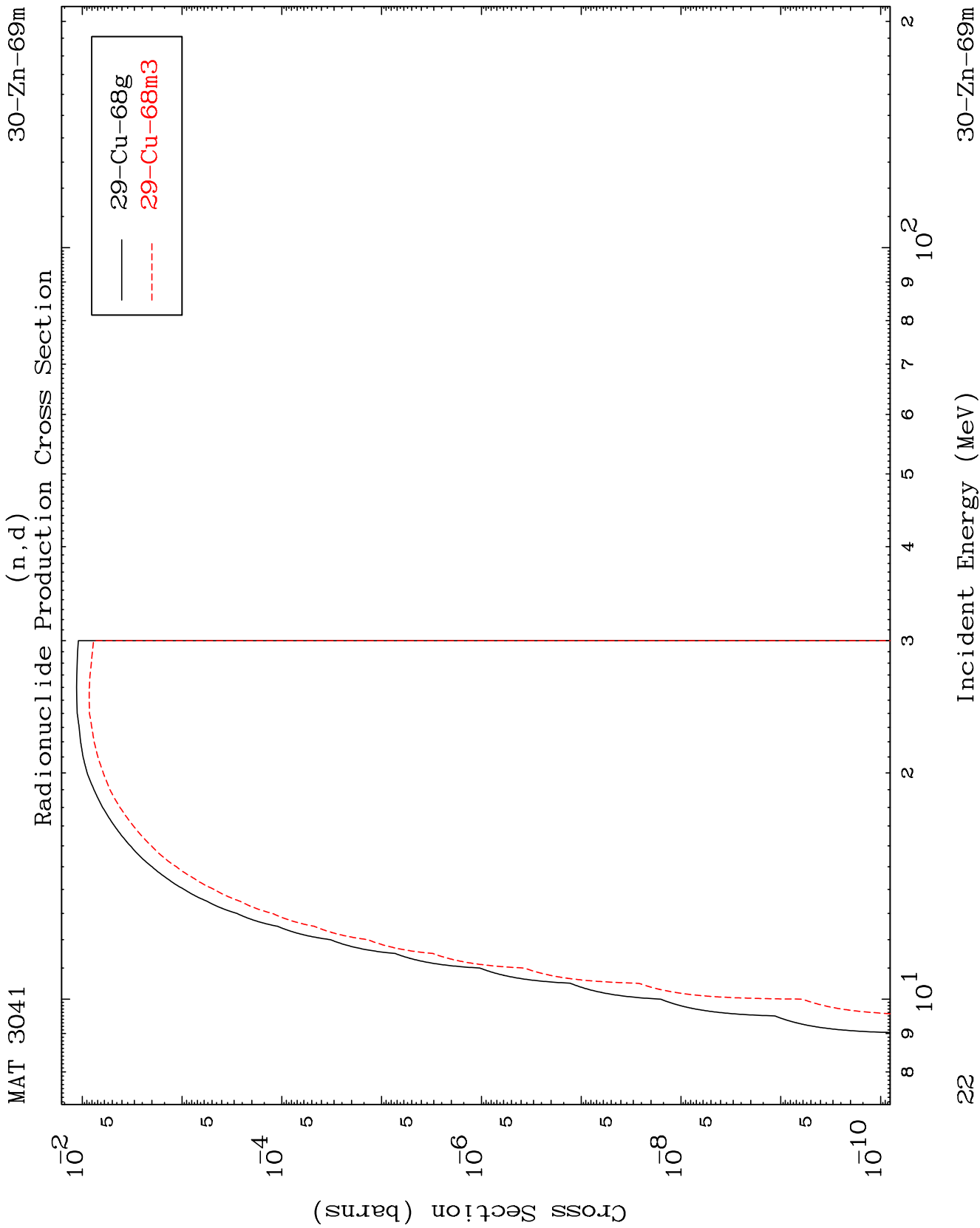
30-Zn-69m



21

Incident Energy (MeV)

30-Zn-69m

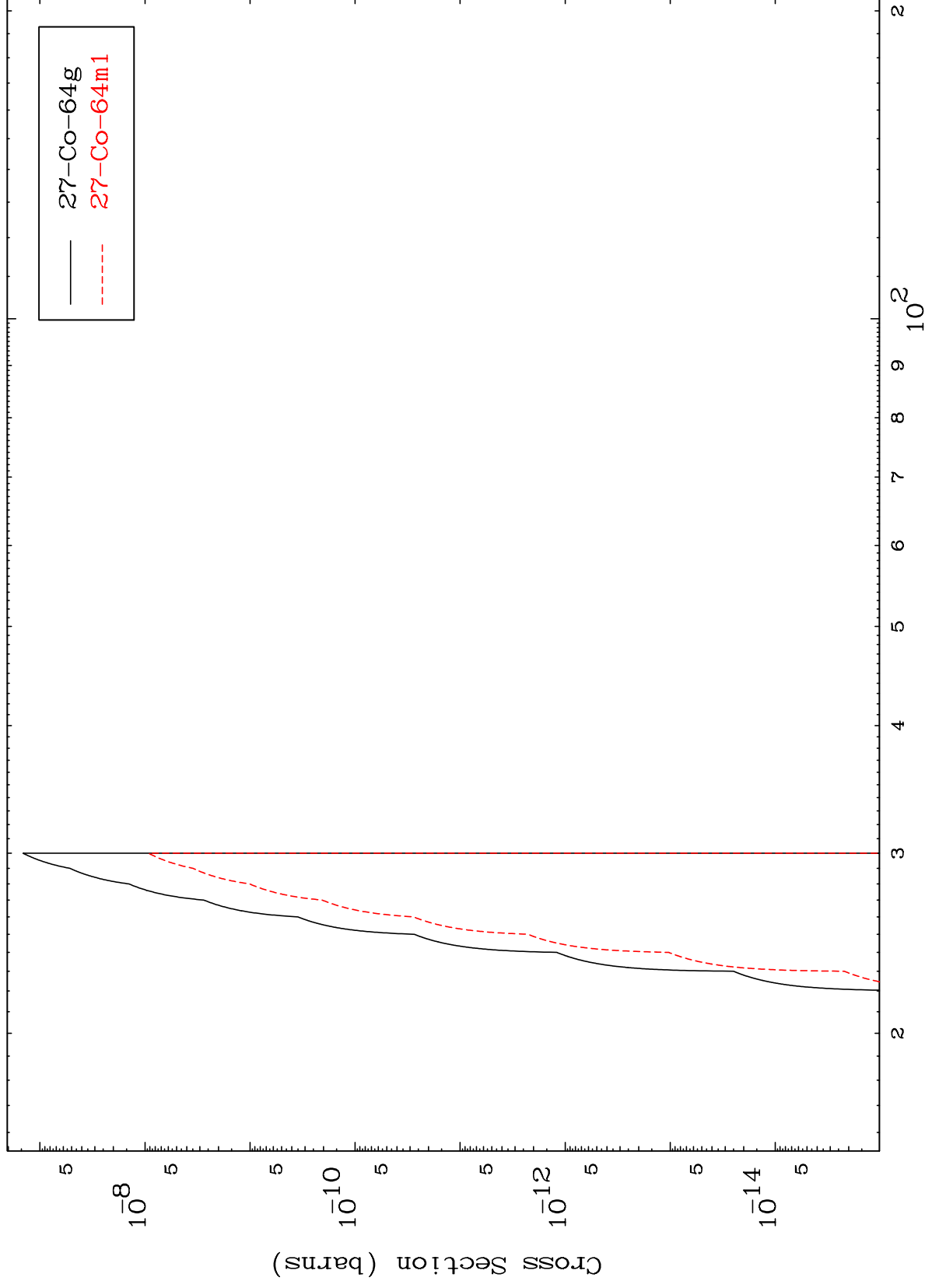


MAT 3041

(n,d)  $\alpha$

30-Zn-69m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

30-Zn-69m