

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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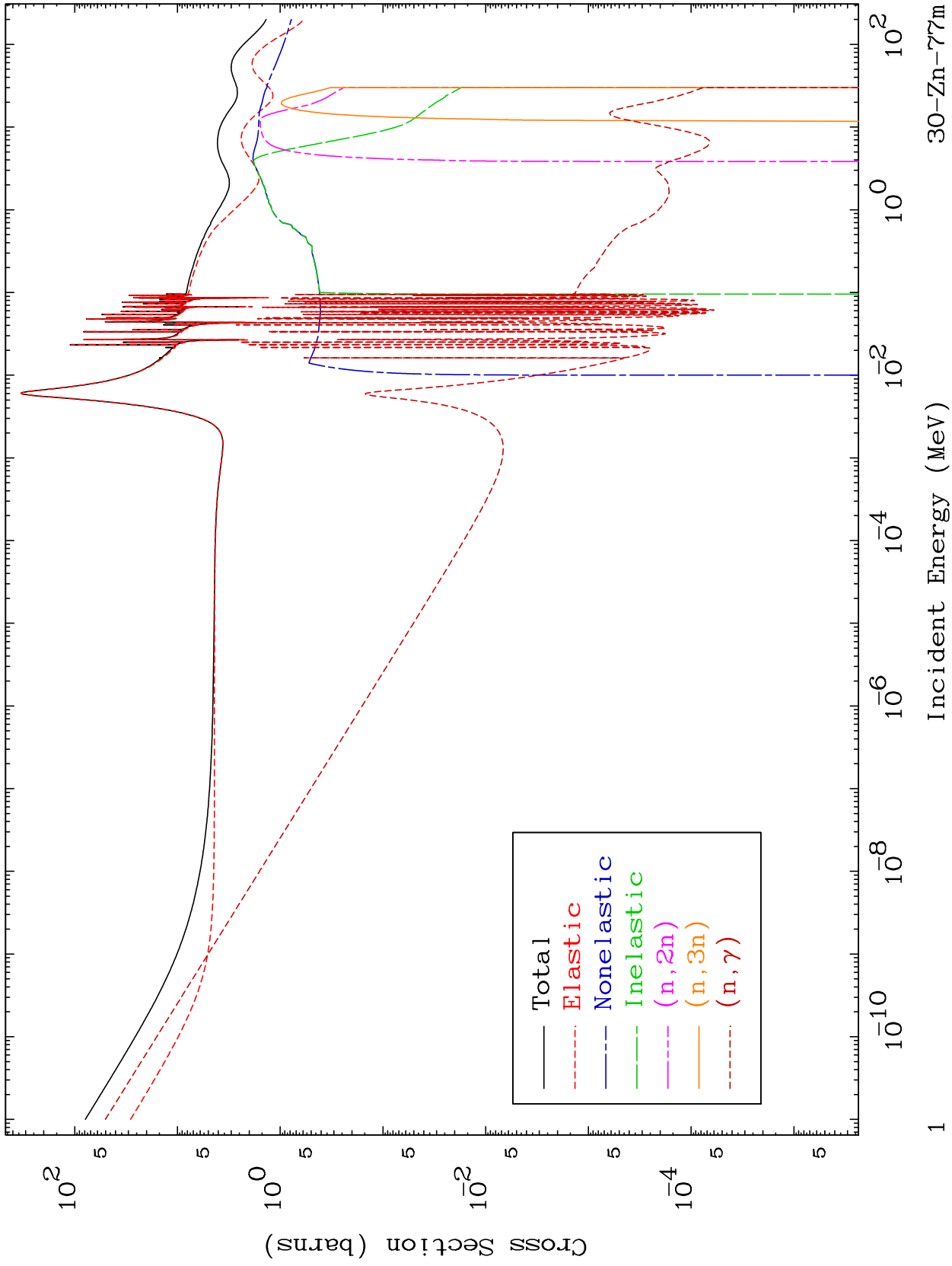
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3065

Neutron Major  
293 Kelvin Cross Sections

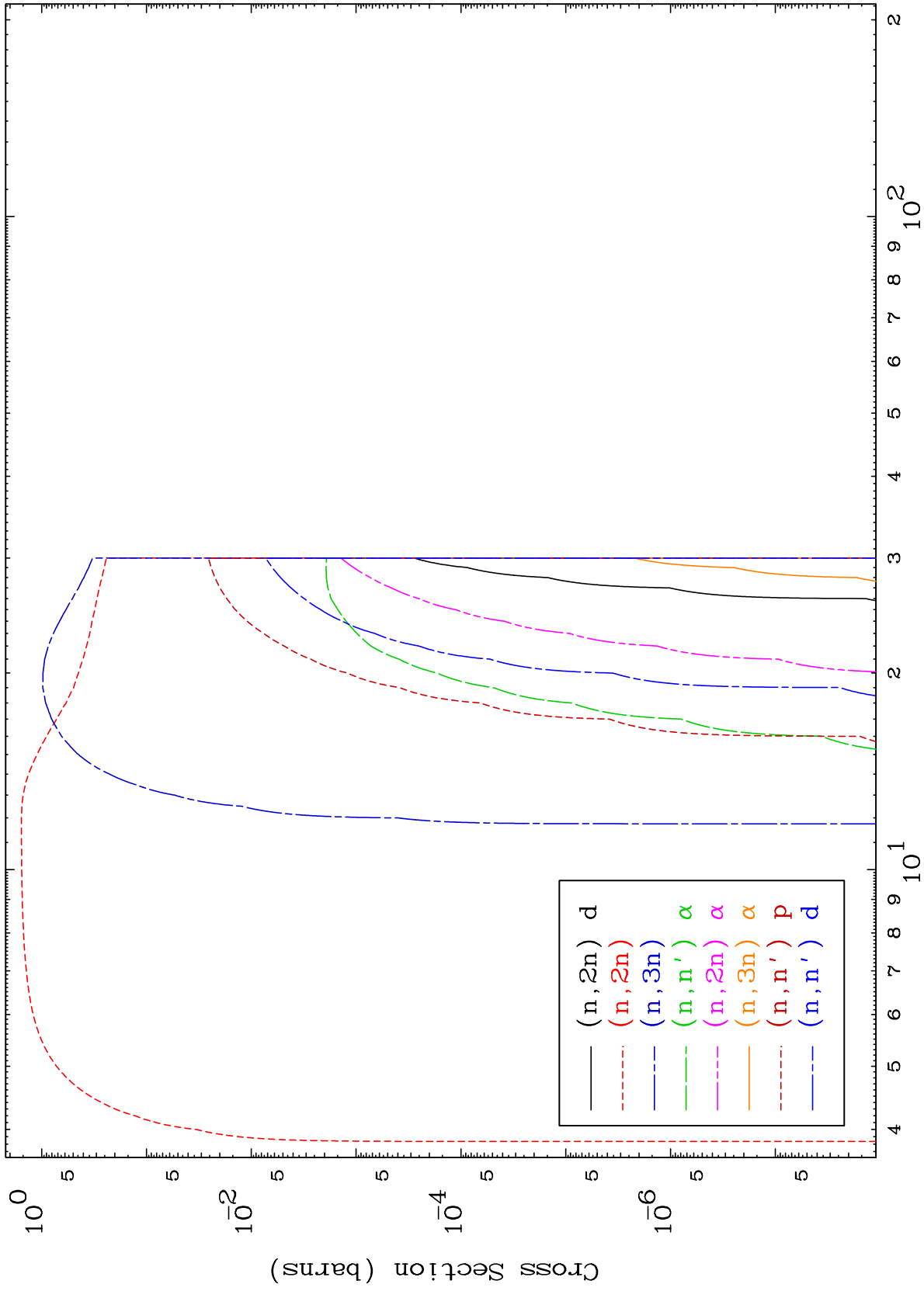
30-Zn-77m



MAT 3065

Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-77m



2

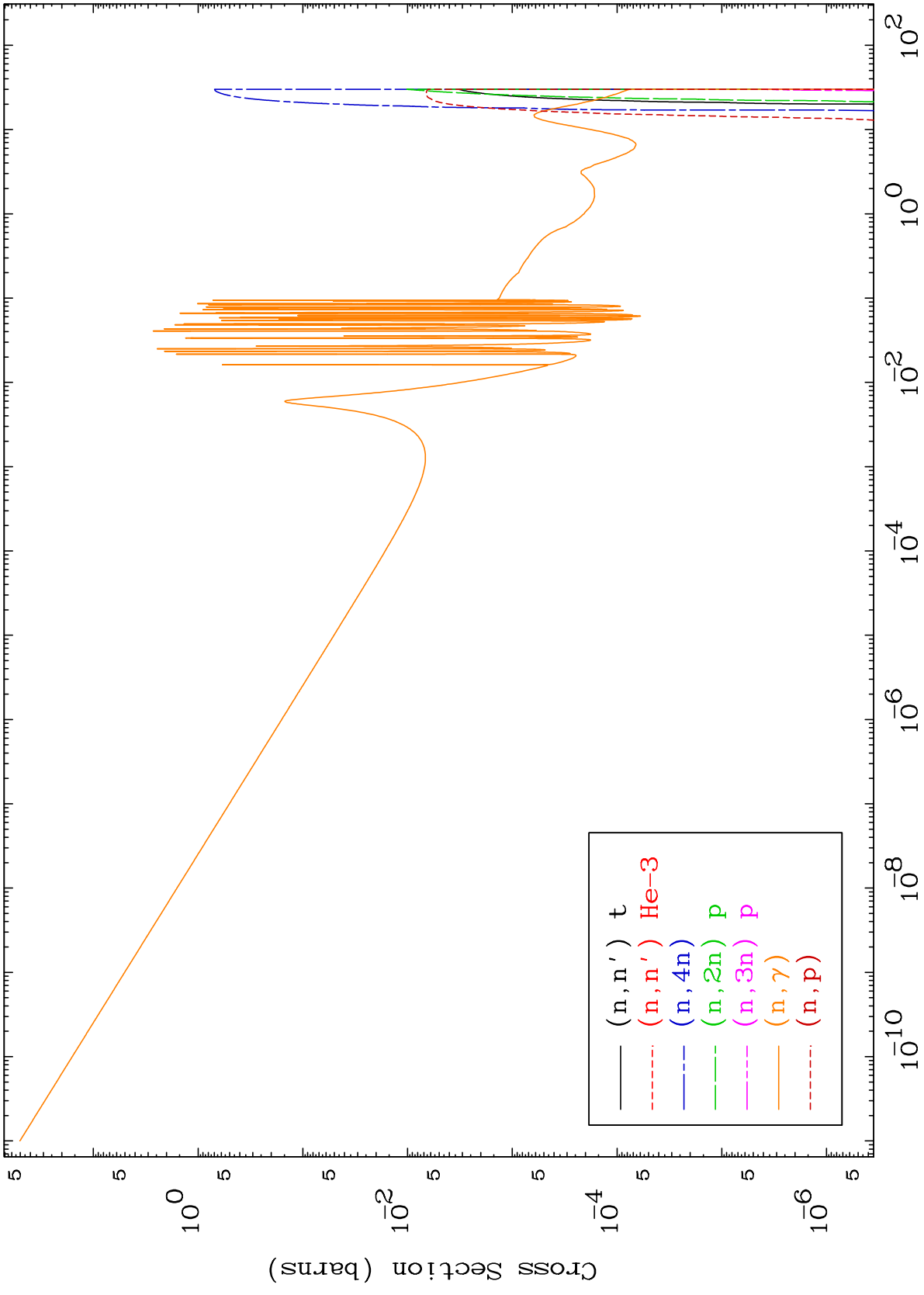
Incident Energy (MeV)

30-Zn-77m

MAT 3065

Neutron Absorption  
293 Kelvin Cross Sections

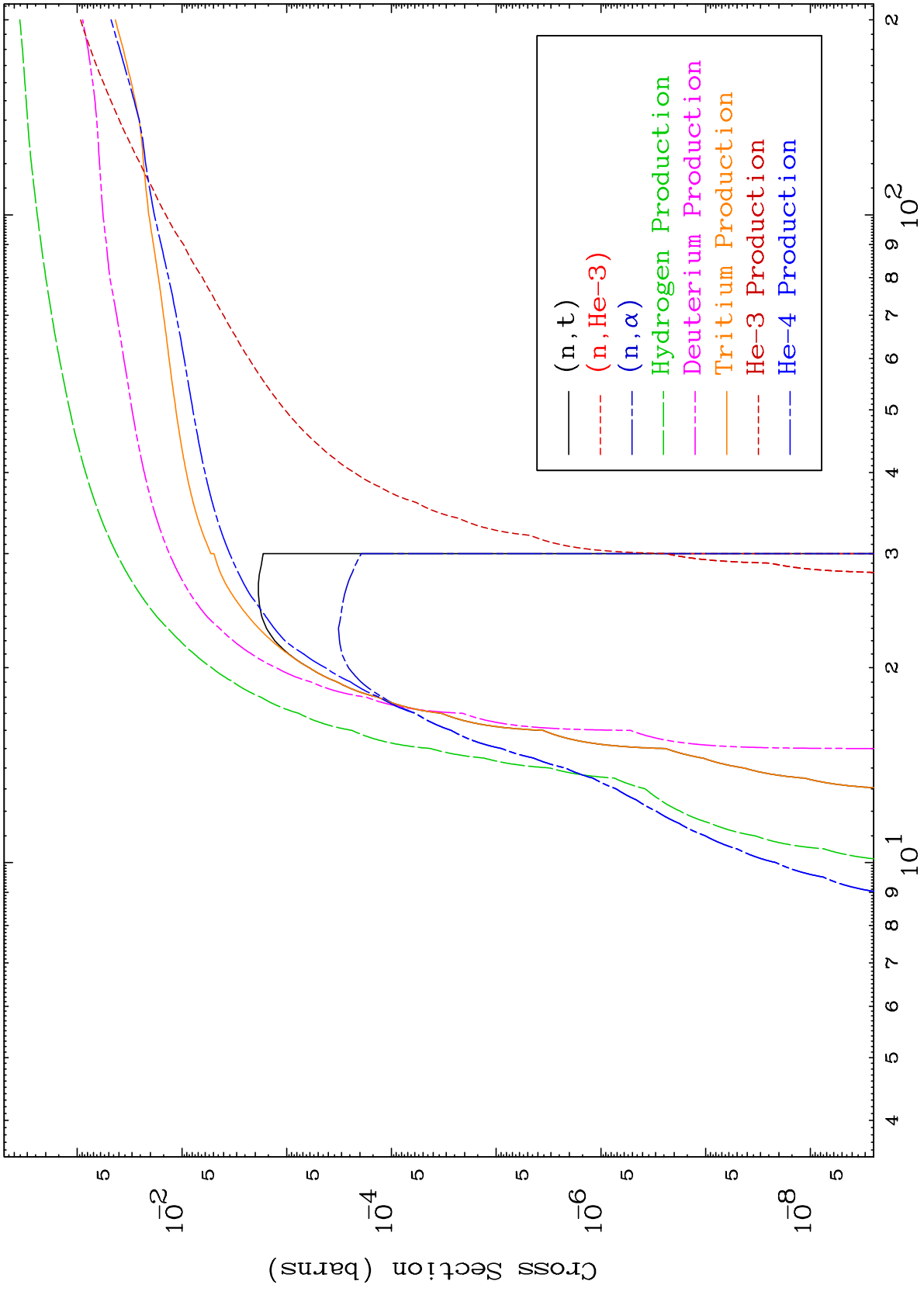
30-Zn-77m



MAT 3065

Neutron Absorption  
293 Kelvin Cross Sections

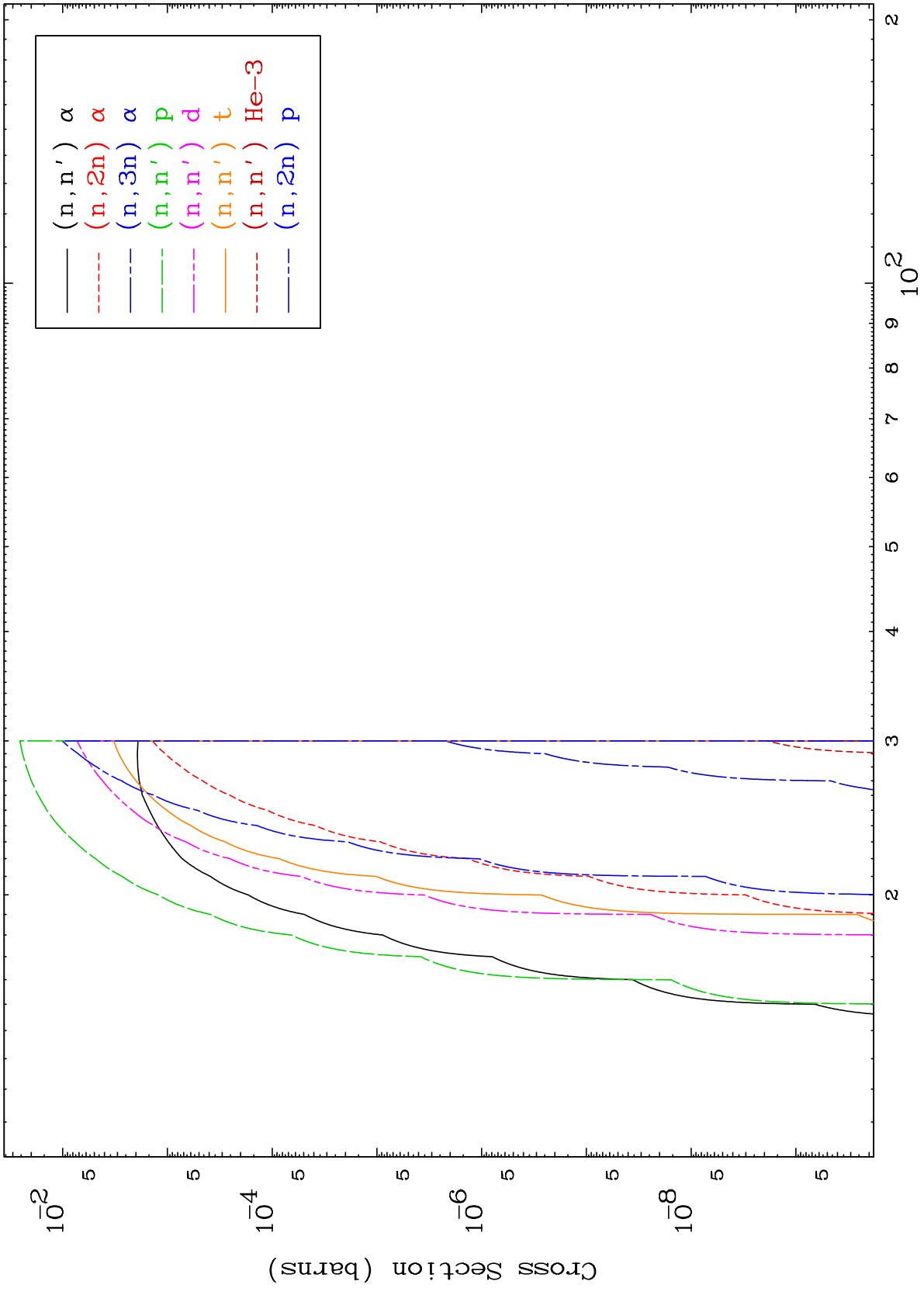
30-Zn-77m



MAT 3065

Charged Particle  
293 Kelvin Cross Sections

30-Zn-77m



5

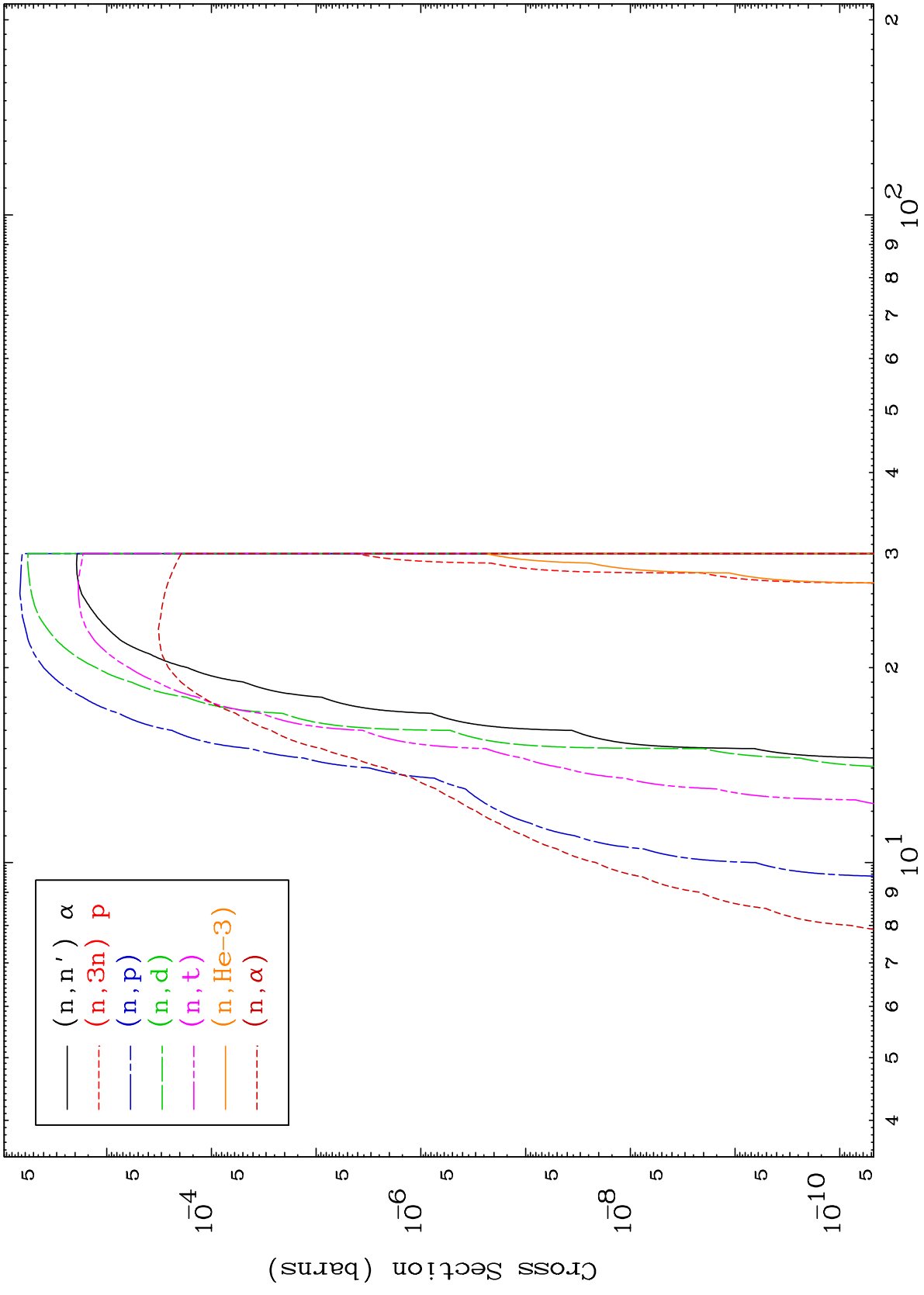
Incident Energy (MeV)

30-Zn-77m

MAT 3065

Charged Particle  
293 Kelvin Cross Sections

30-Zn-77m



6

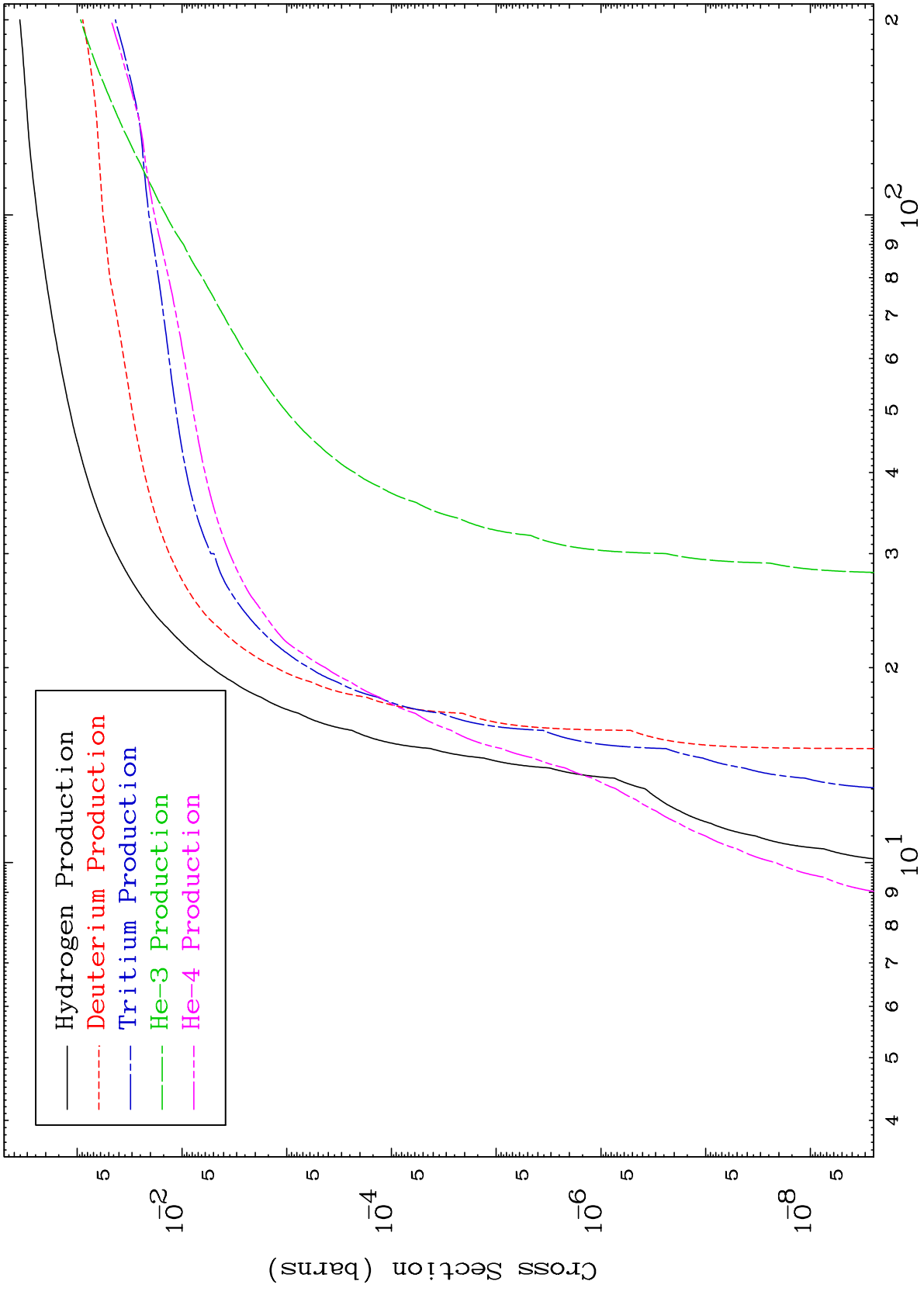
Incident Energy (MeV)

30-Zn-77m

MAT 3065

Particle Production  
293 Kelvin Cross Sections

30-Zn-77m

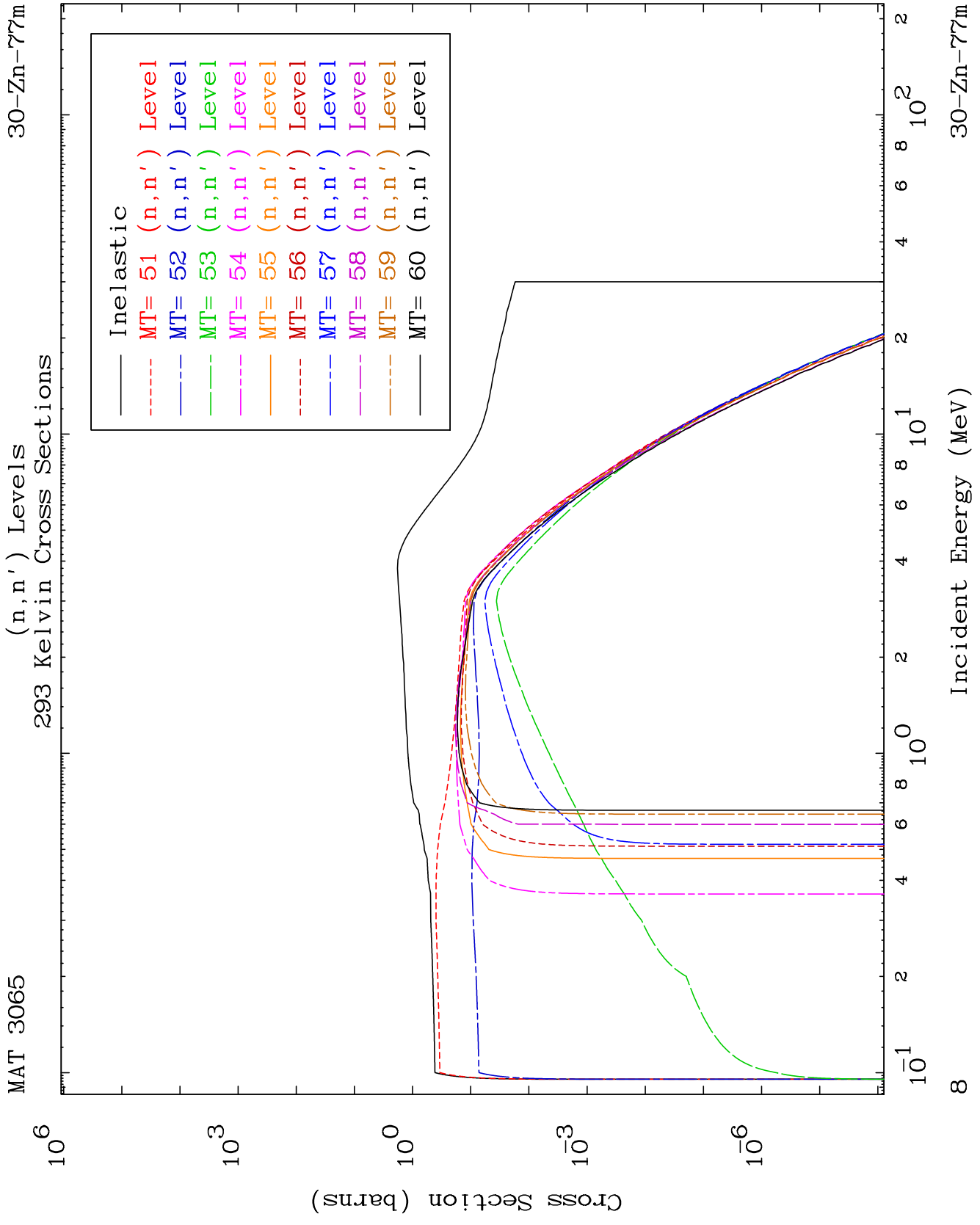


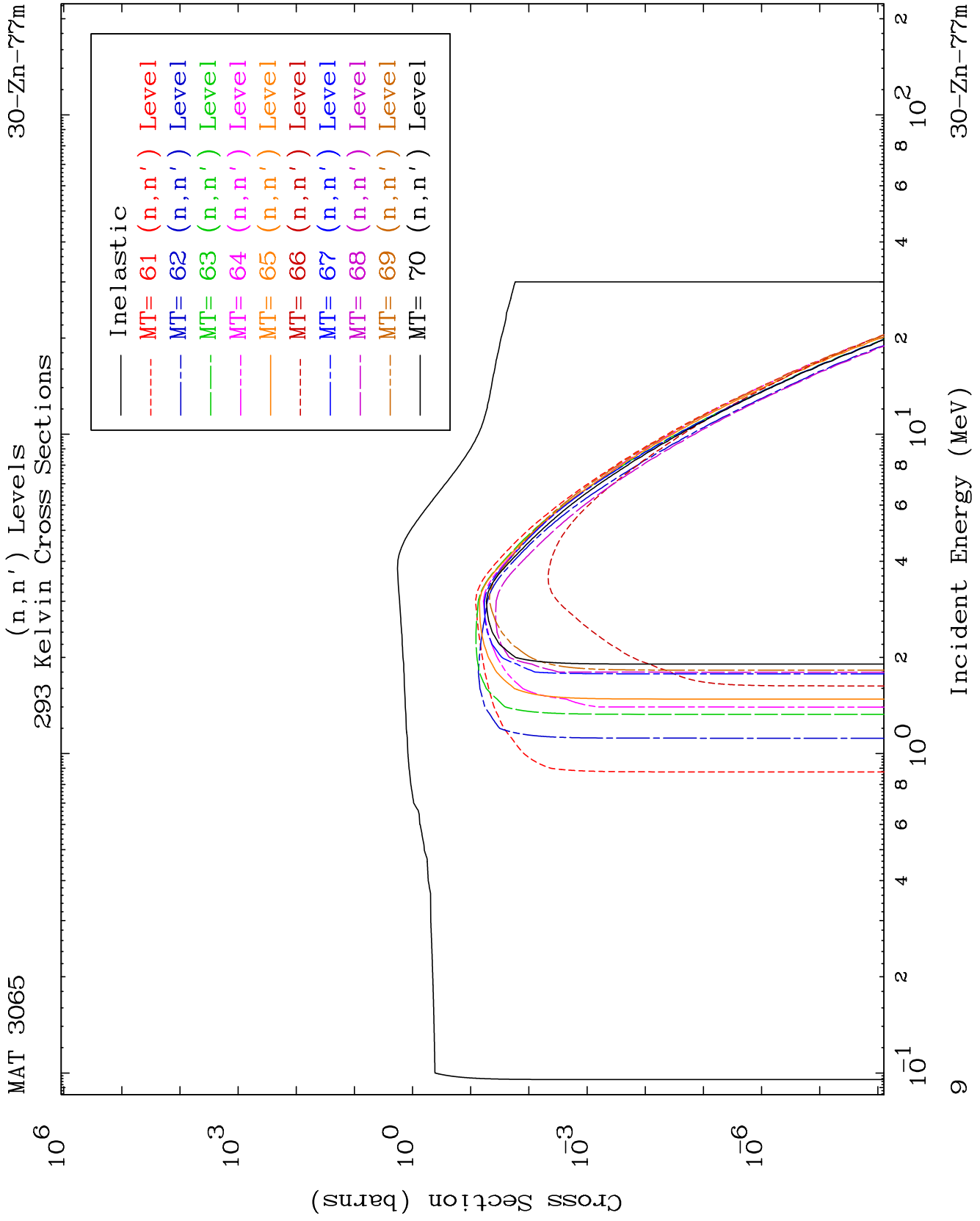
7

Incident Energy (MeV)

30-Zn-77m



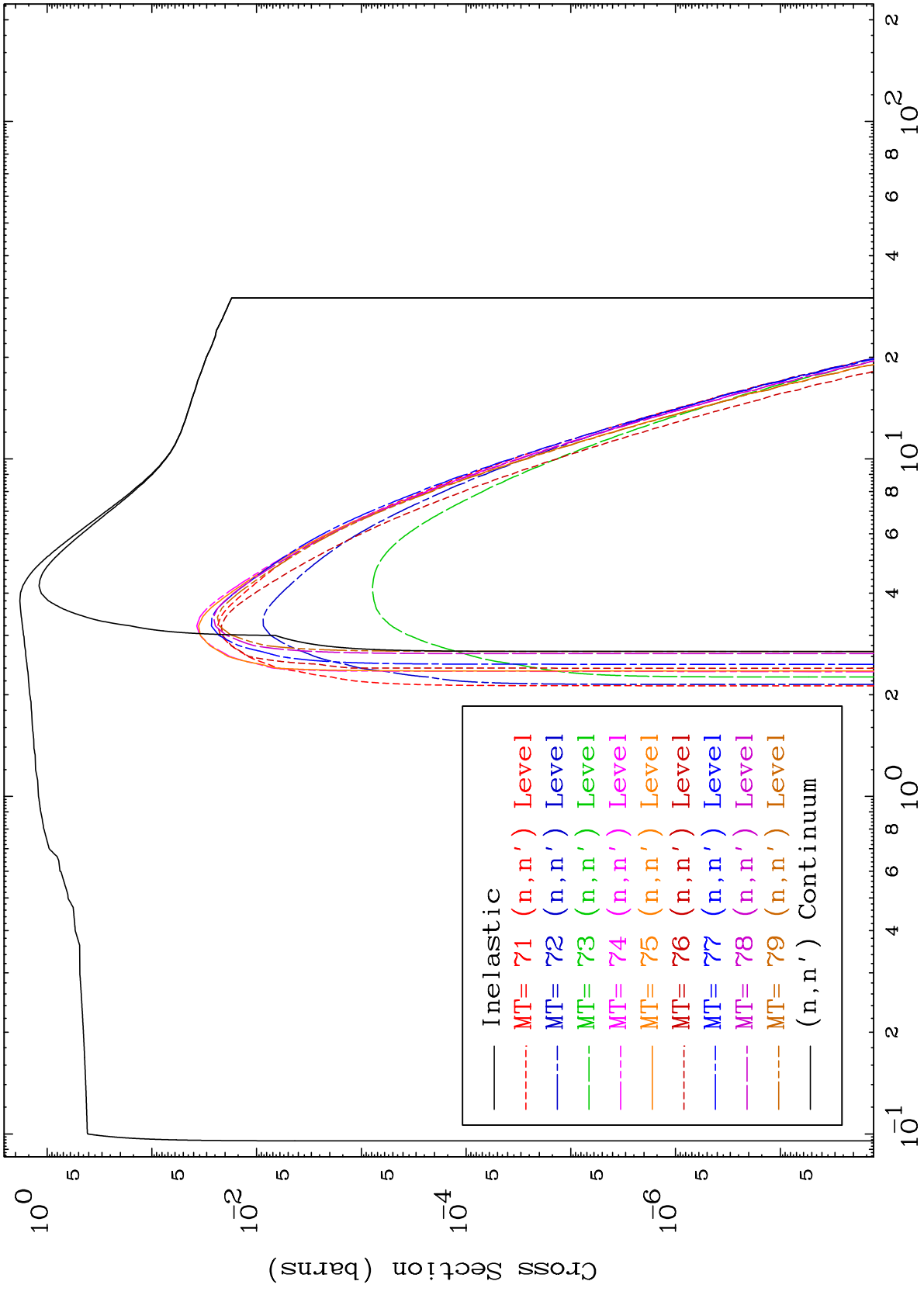




MAT 3065

(n,n') Levels  
293 Kelvin Cross Sections

30-Zn-77m



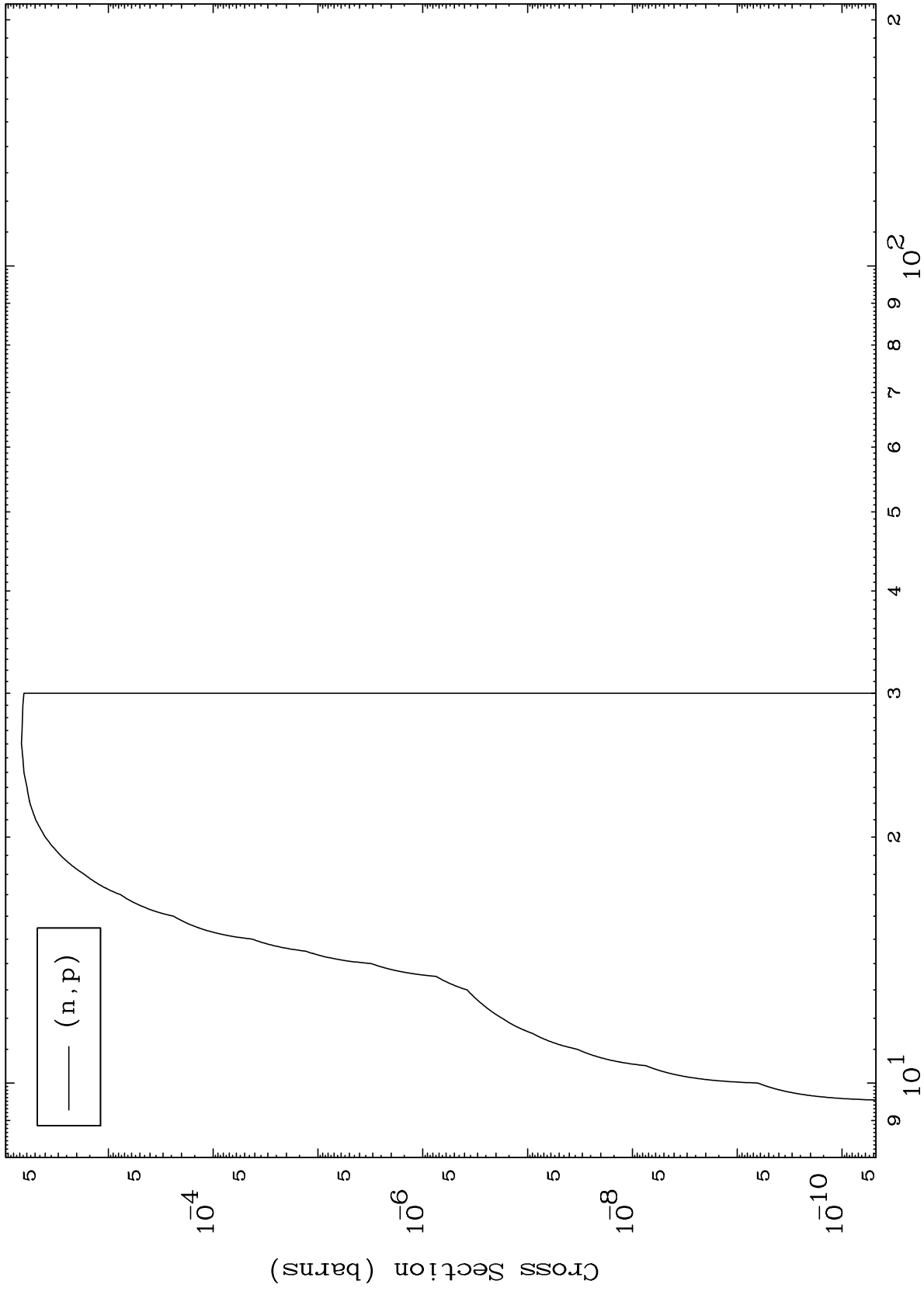
Incident Energy (MeV)

30-Zn-77m

MAT 3065

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-77m



11

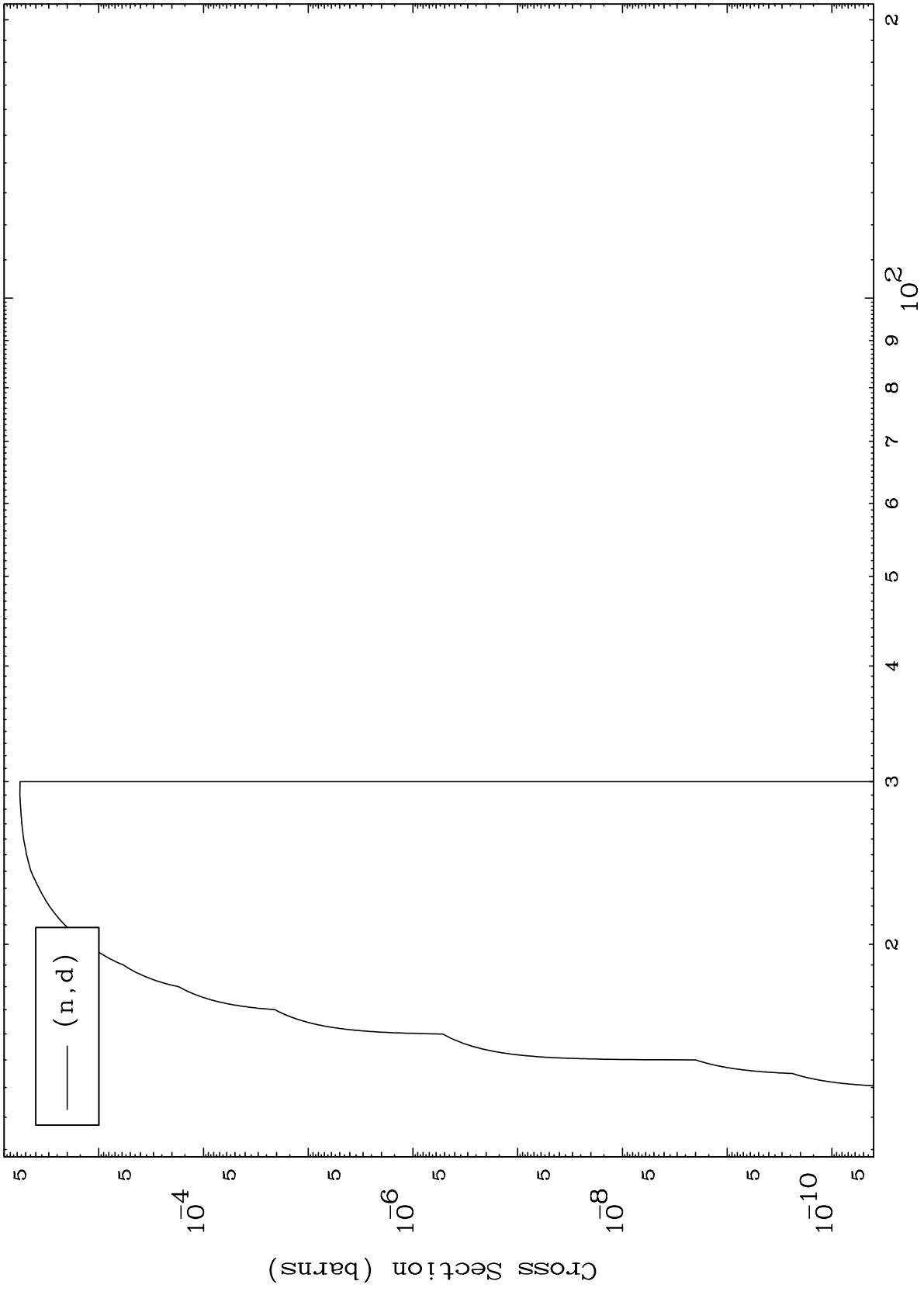
Incident Energy (MeV)

30-Zn-77m

MAT 3065

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-77m



12

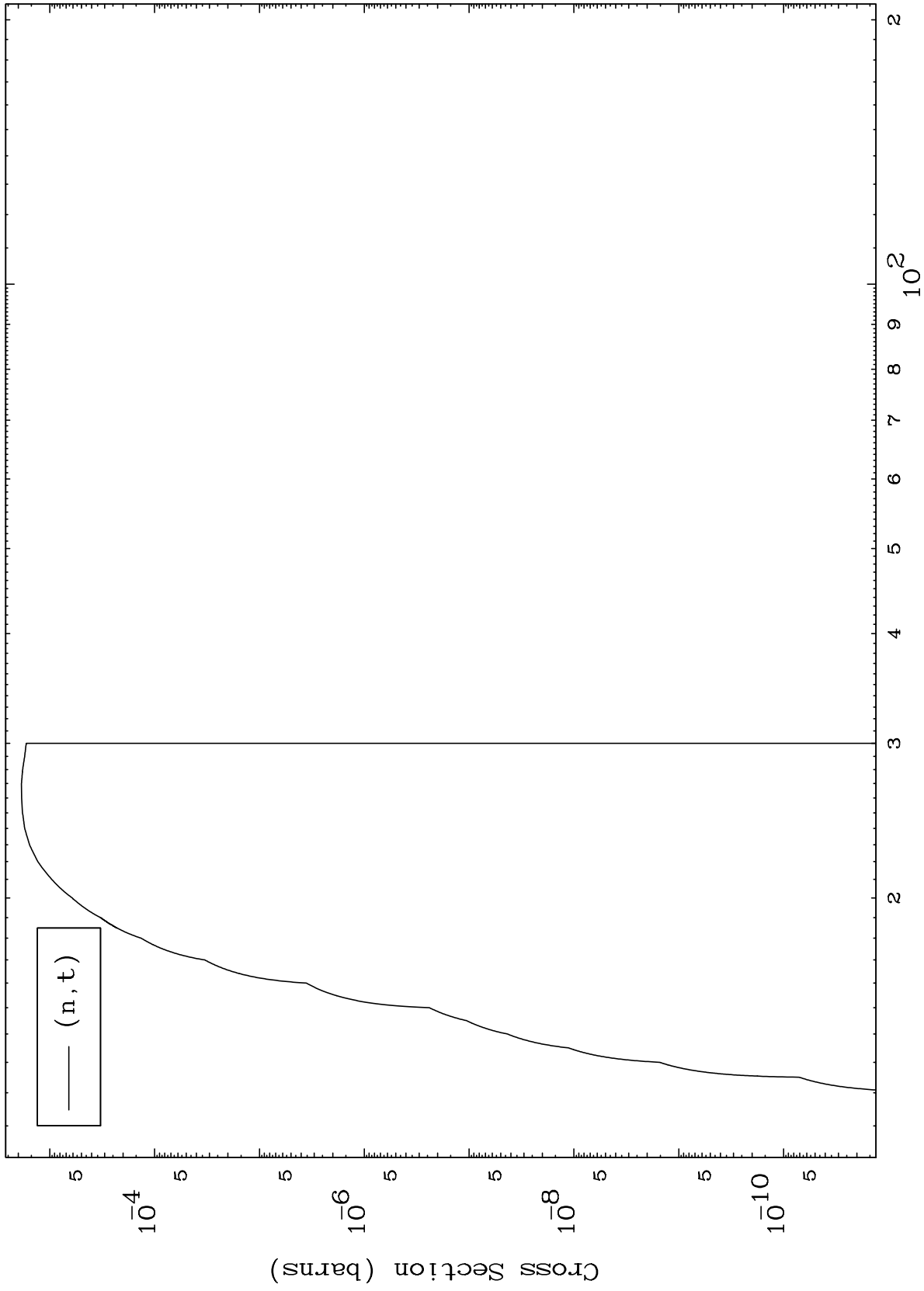
Incident Energy (MeV)

30-Zn-77m

MAT 3065

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-77m



13

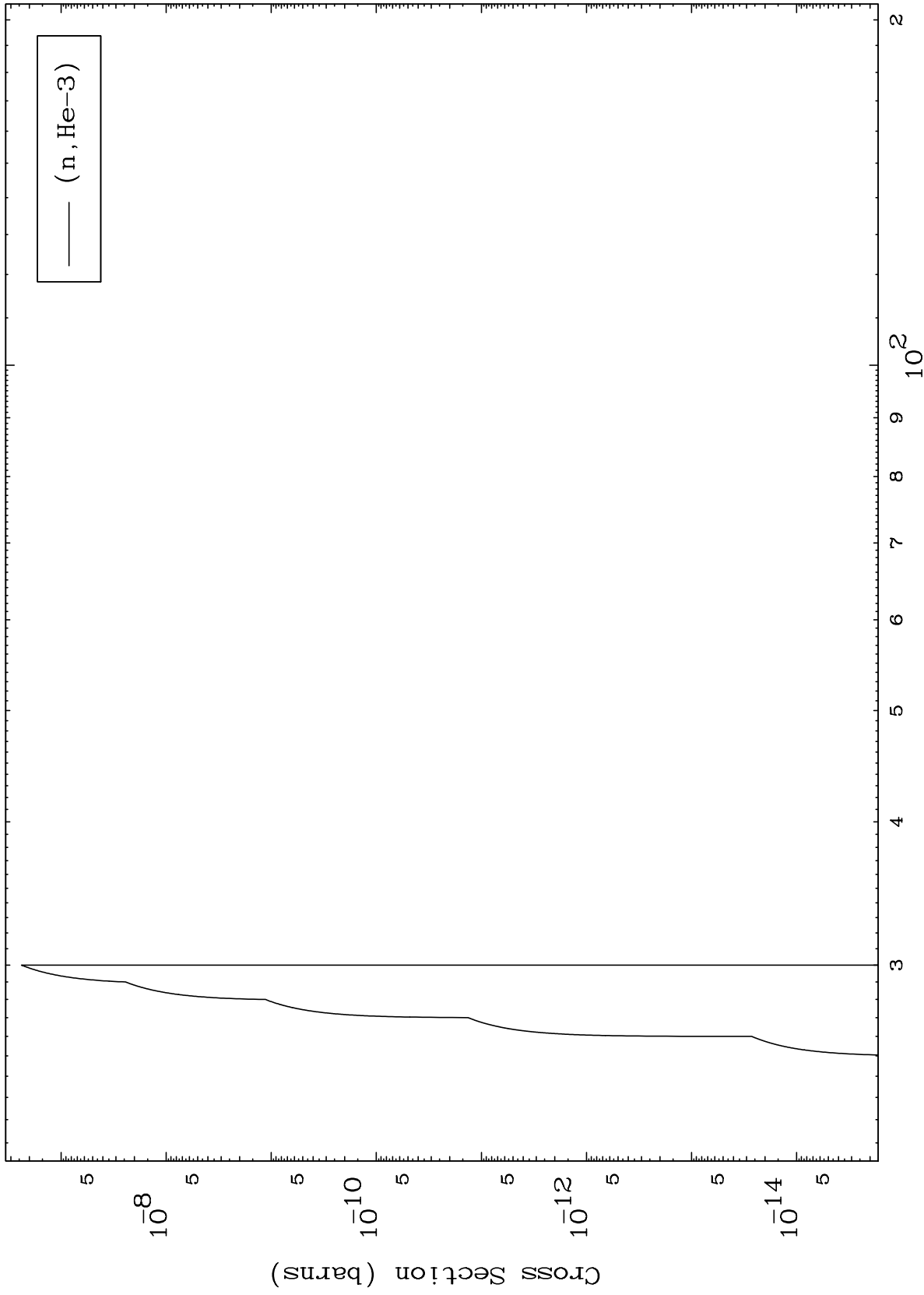
Incident Energy (MeV)

30-Zn-77m

MAT 3065

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-77m



14

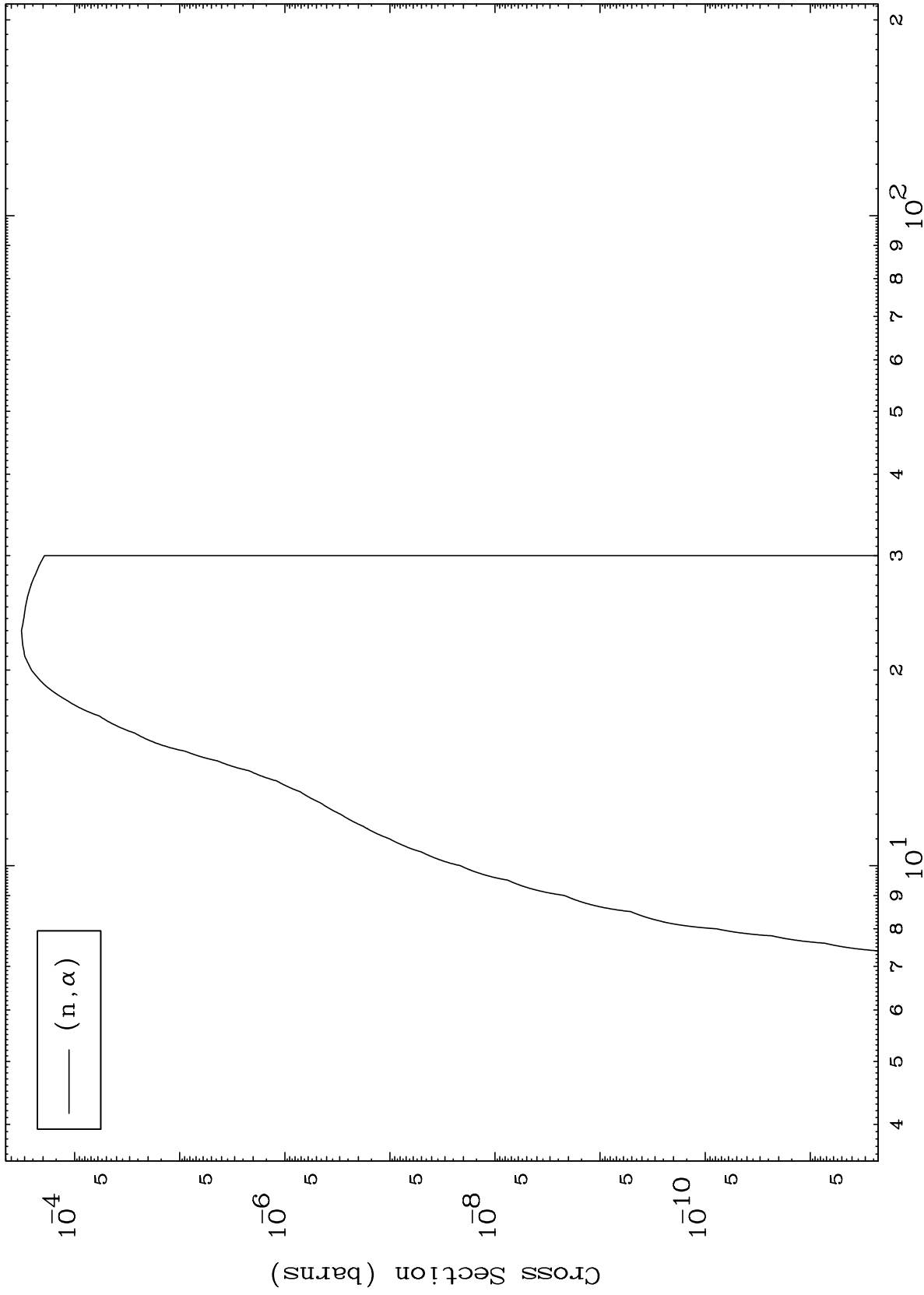
Incident Energy (MeV)

30-Zn-77m

MAT 3065

(n,α) Levels  
293 Kelvin Cross Sections

30-Zn-77m



15

Incident Energy (MeV)

30-Zn-77m

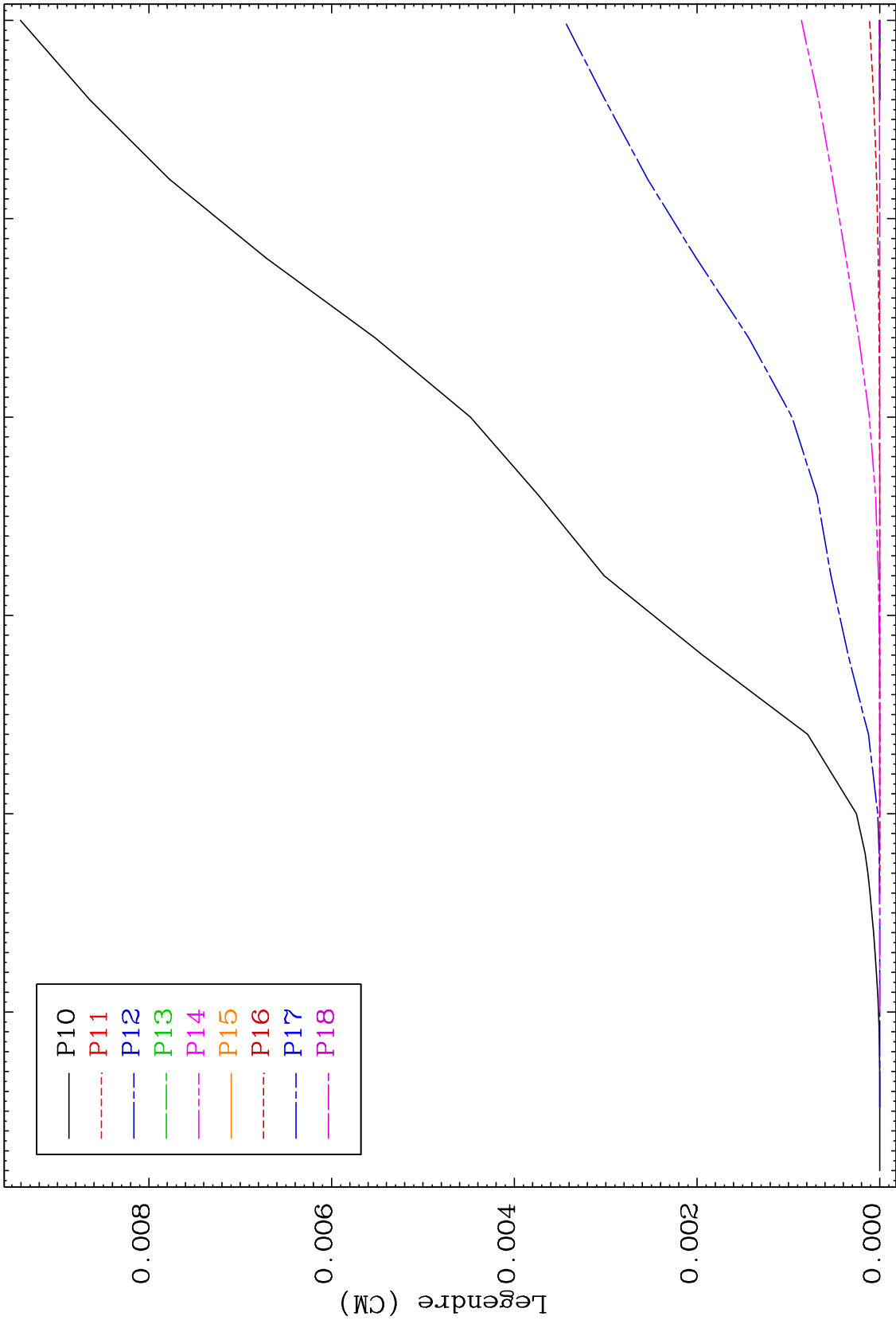




MAT 3065

Elastic Legendre Coefficients

30-Zn-77m



17

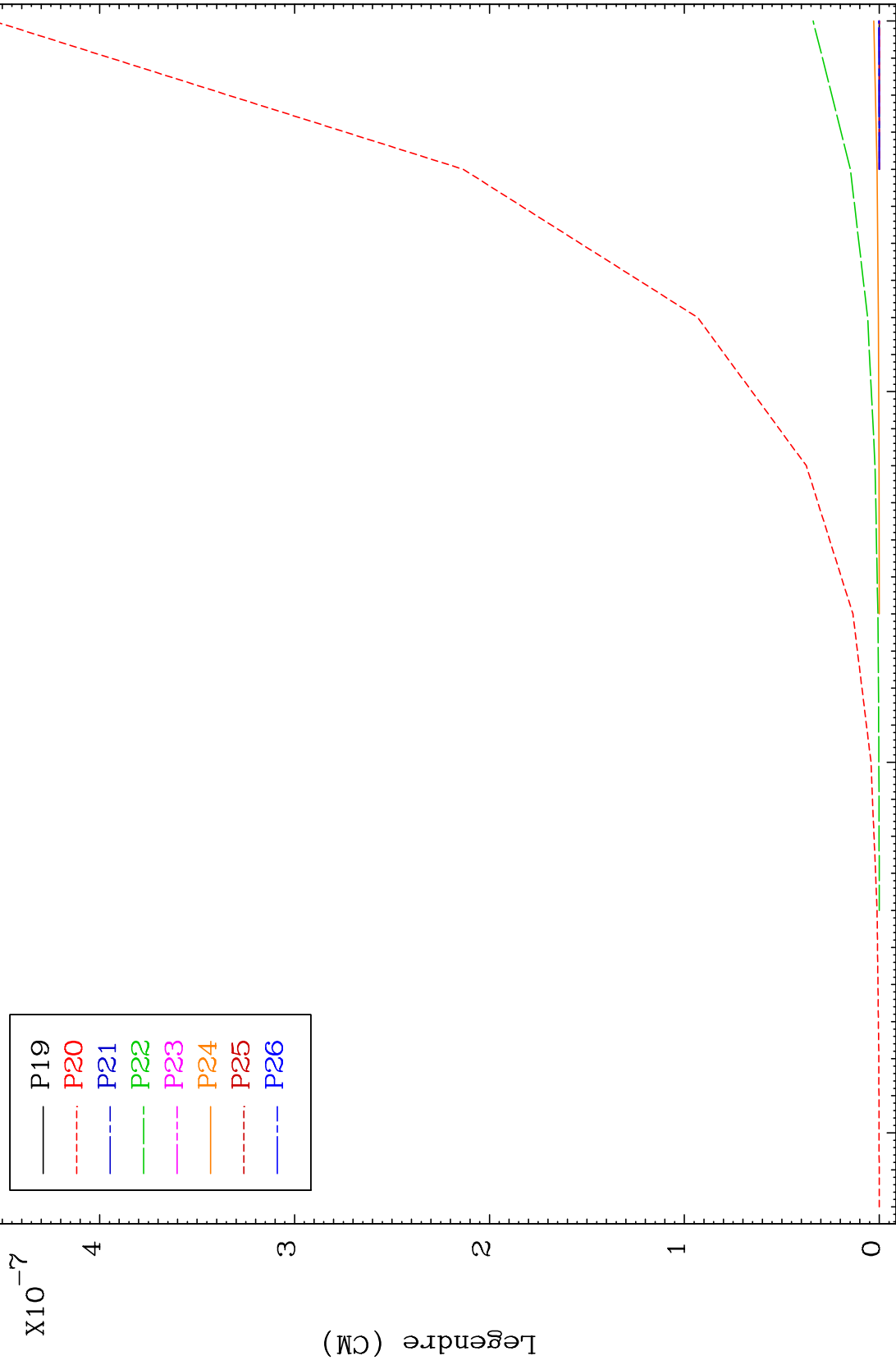
30-Zn-77m

Incident Energy (MeV)

MAT 3065

Elastic Legendre Coefficients

30-Zn-77m



18

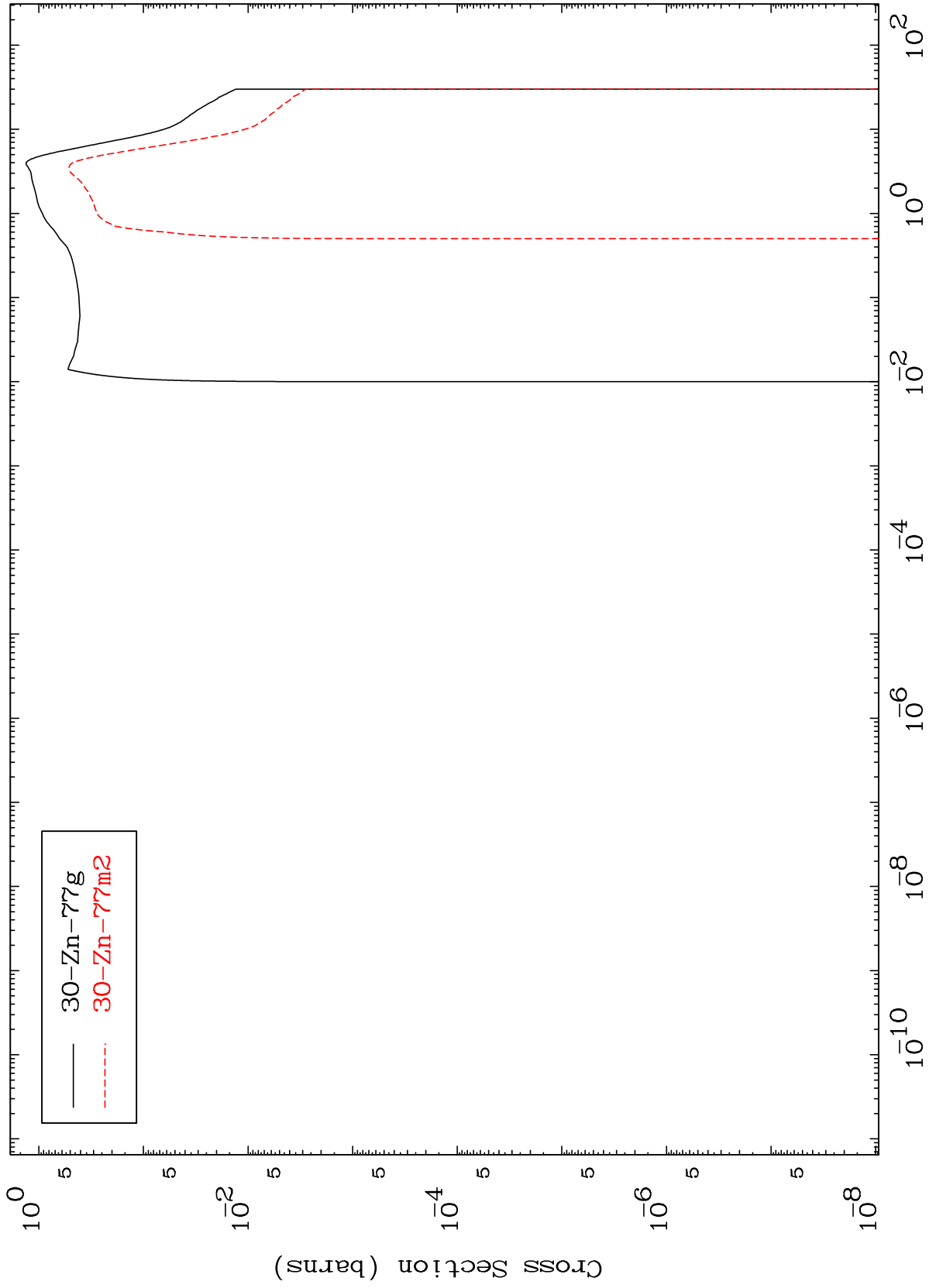
Incident Energy (MeV)

30-Zn-77m

MAT 3065

### Inelastic Radionuclide Production Cross Section

30-Zn-77m



19

Incident Energy (MeV)

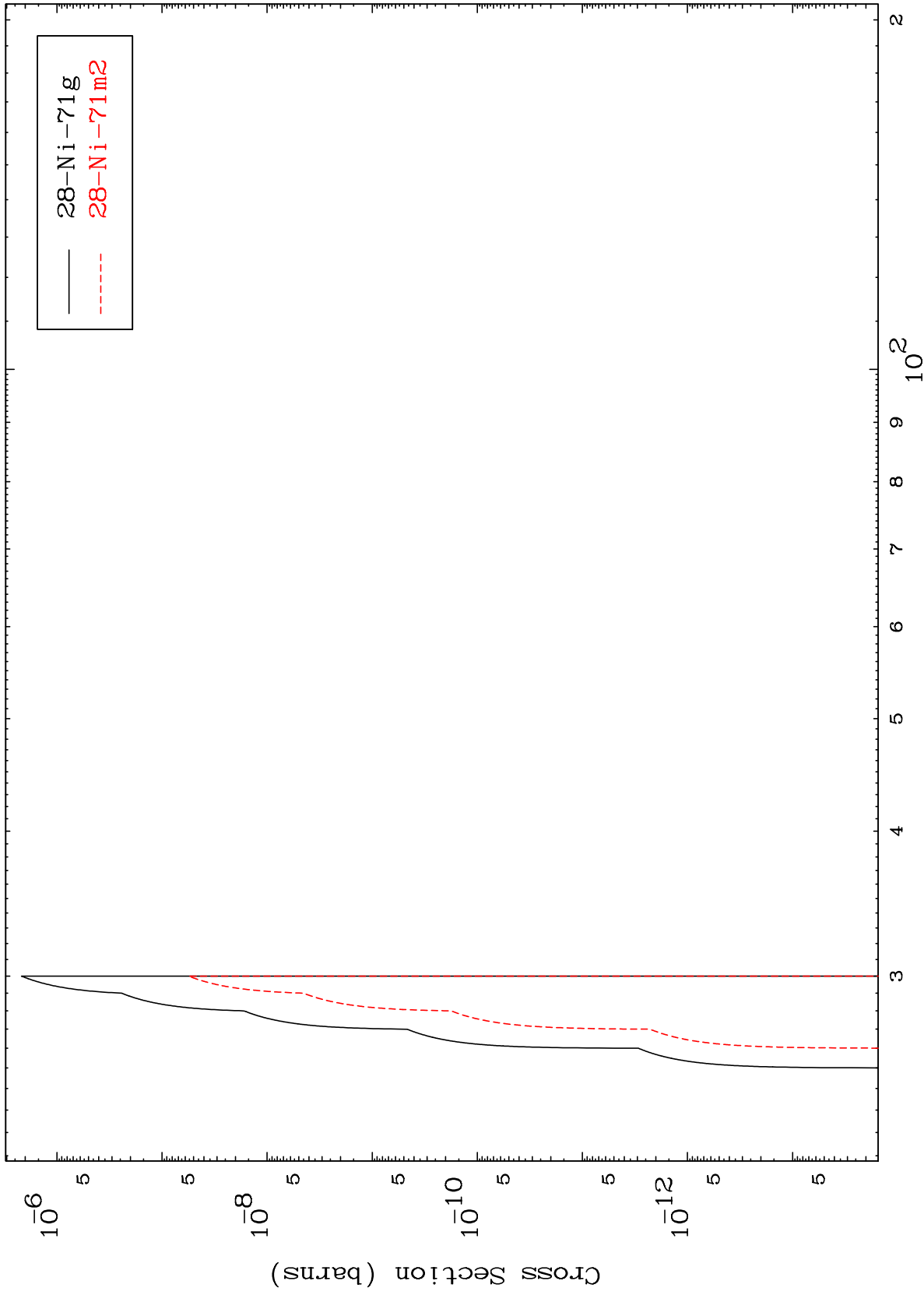
30-Zn-77m

MAT 3065

(n,3n)  $\alpha$

30-Zn-77m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

30-Zn-77m