

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

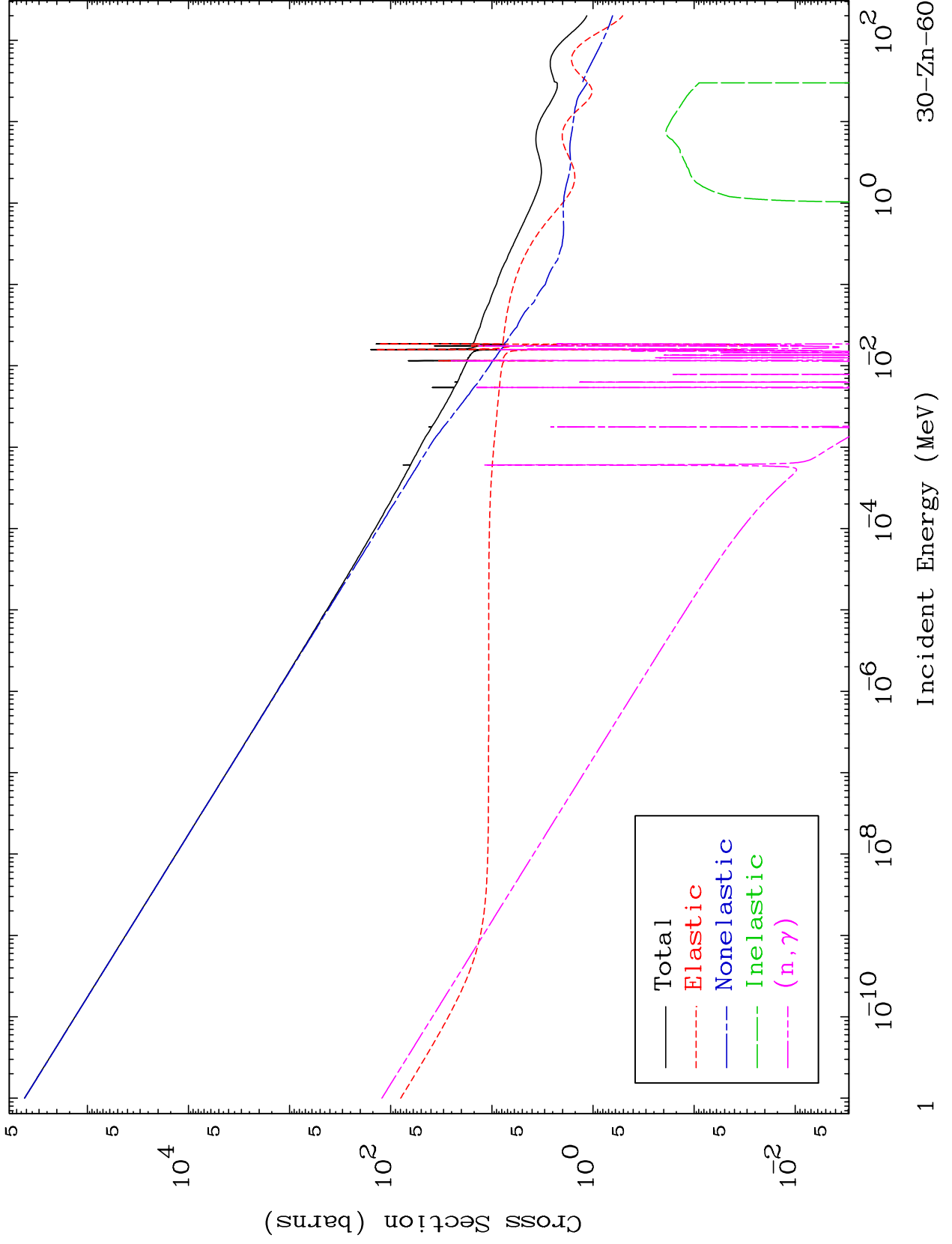
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3013

Neutron Major  
293 Kelvin Cross Sections

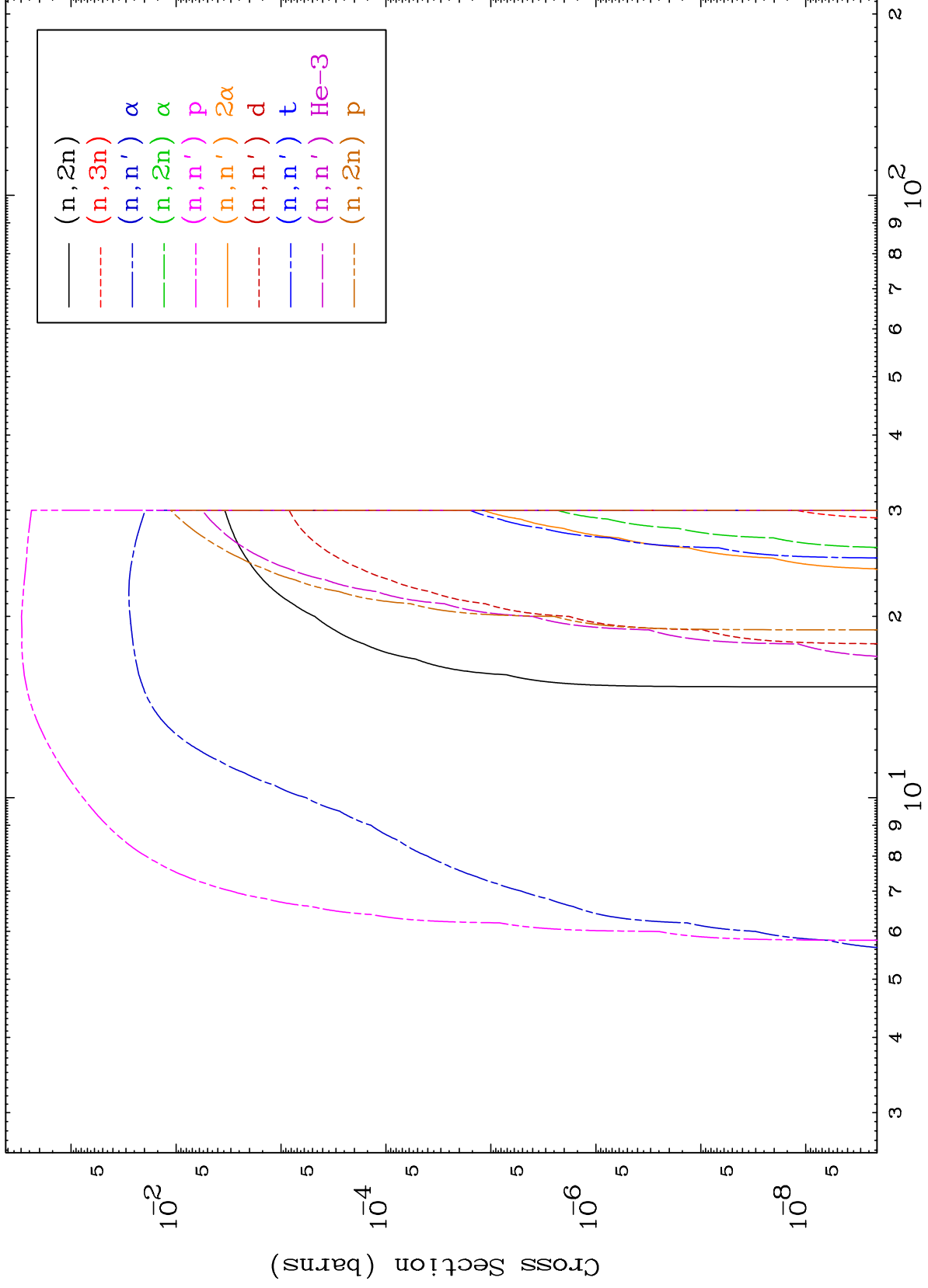
30-Zn-60



MAT 3013

Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-60



2

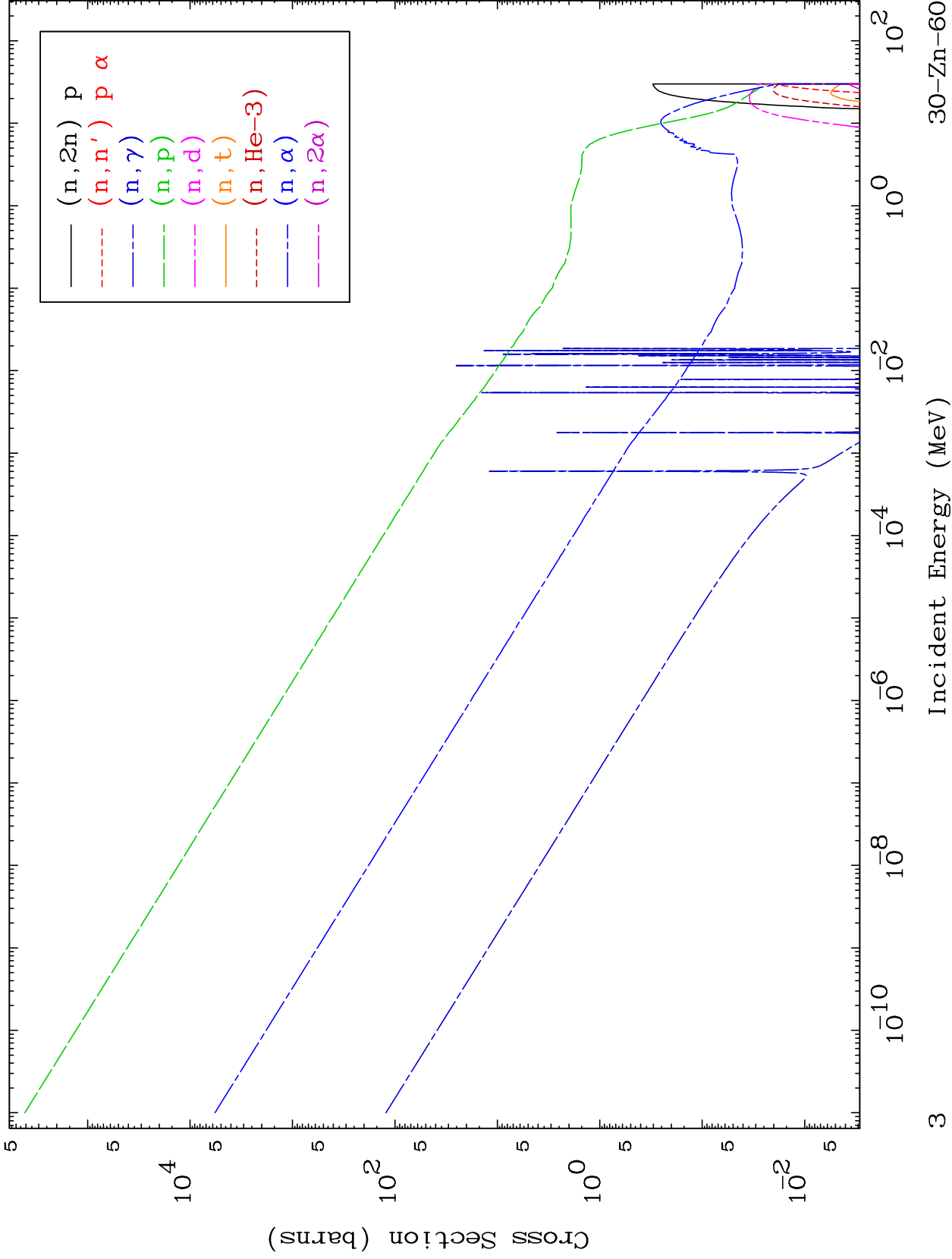
Incident Energy (MeV)

30-Zn-60

MAT 3013

Neutron Absorption  
293 Kelvin Cross Sections

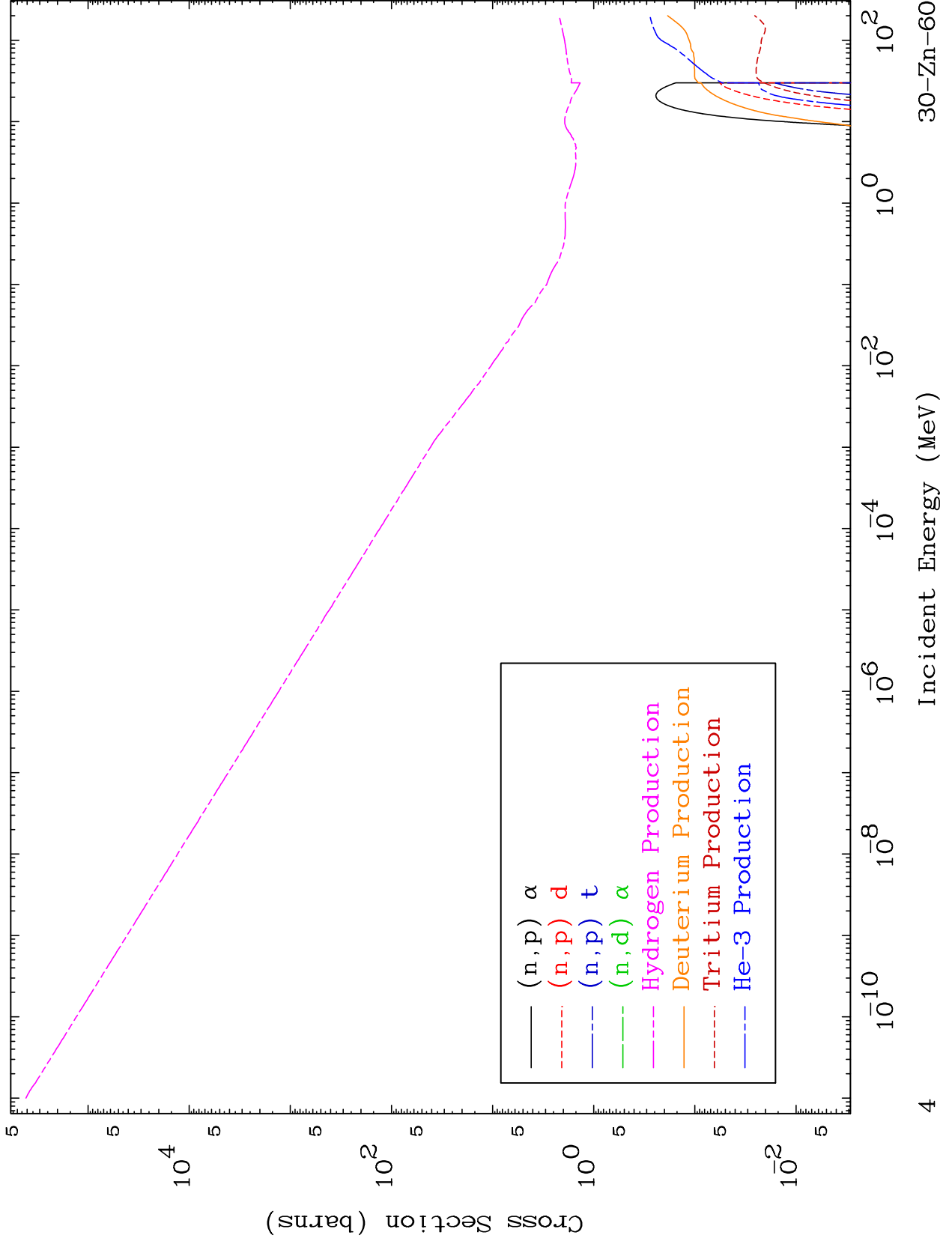
30-Zn-60



MAT 3013

Neutron Absorption  
293 Kelvin Cross Sections

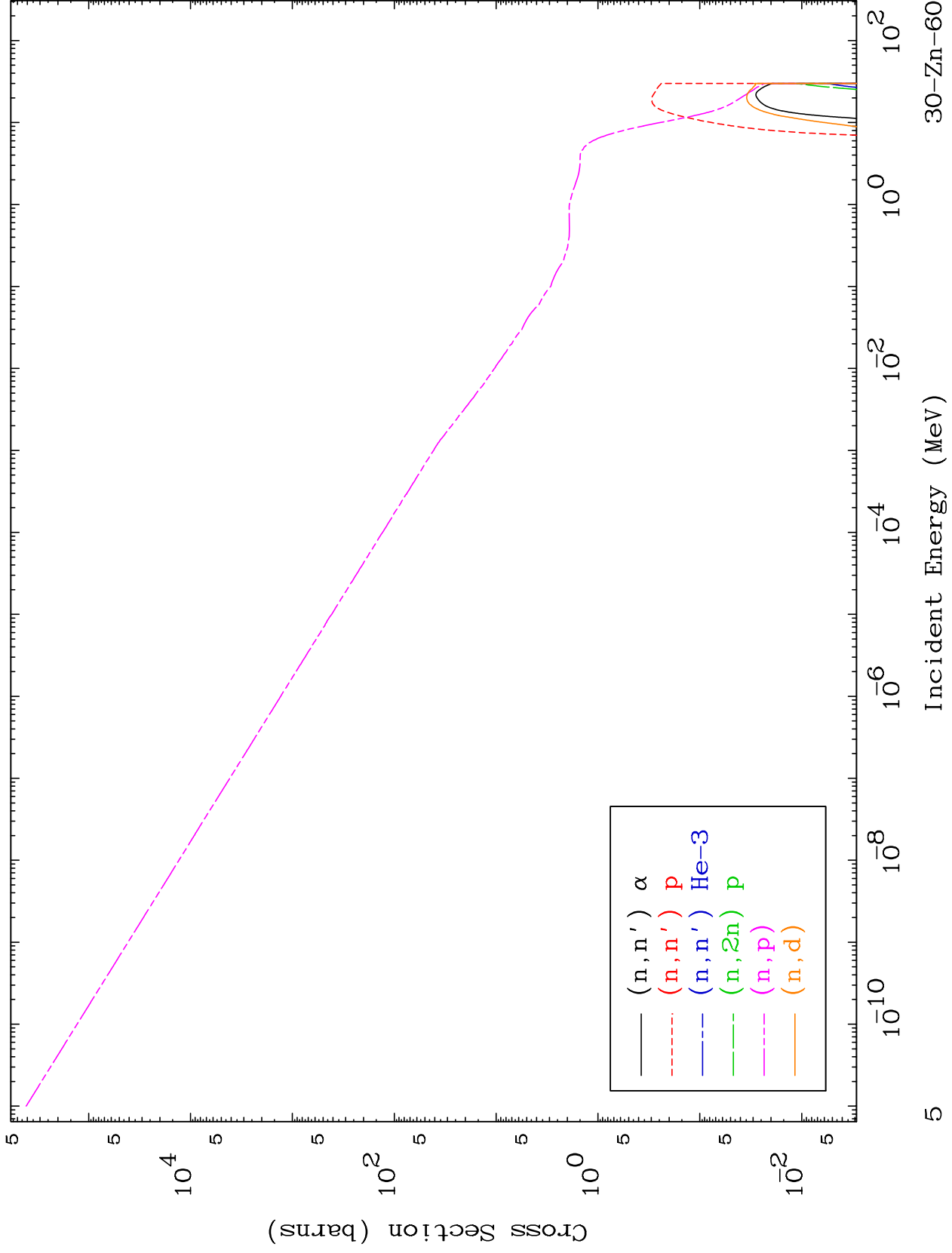
30-Zn-60



MAT 3013

Charged Particle  
293 Kelvin Cross Sections

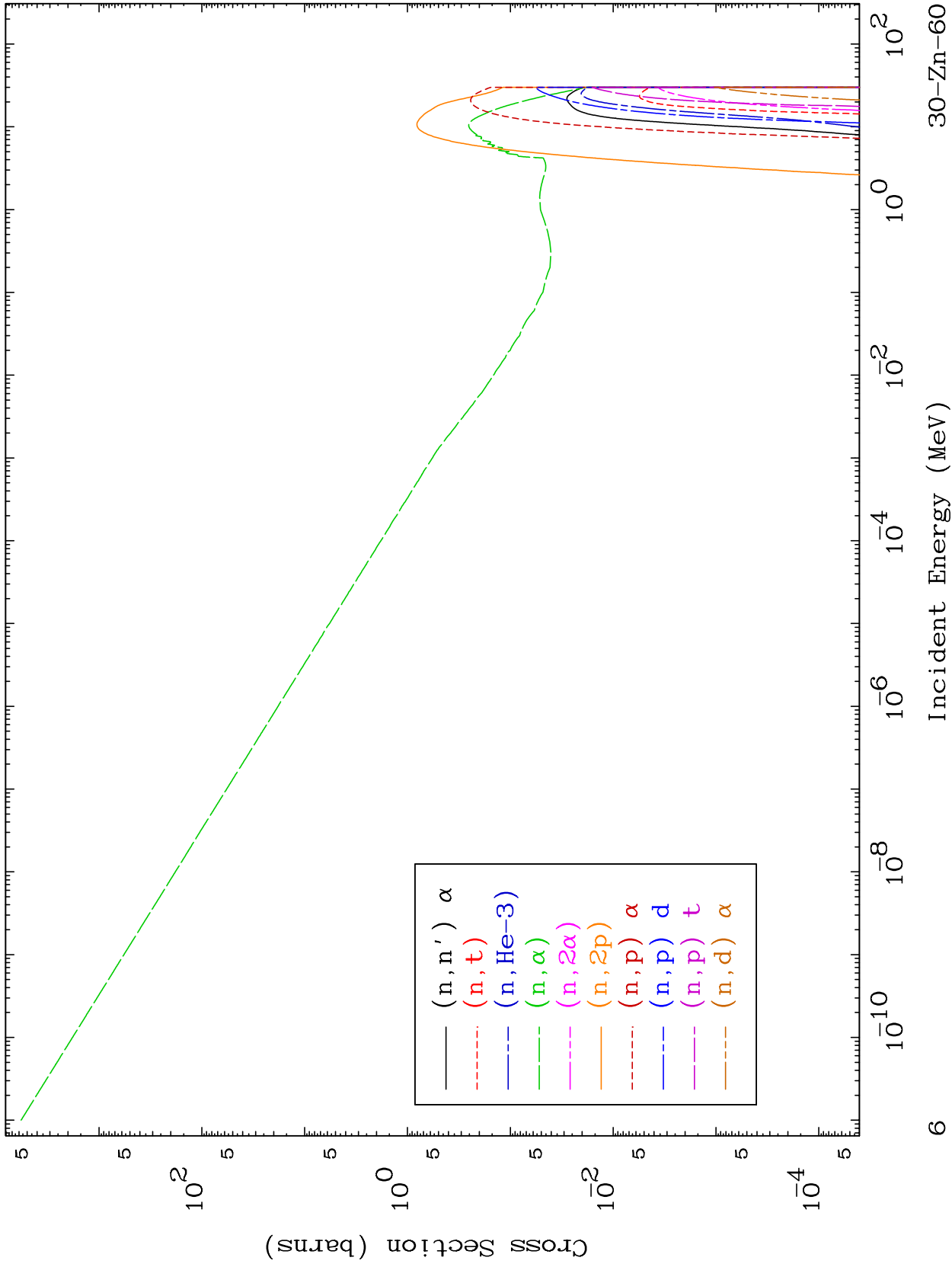
30-Zn-60



MAT 3013

Charged Particle  
293 Kelvin Cross Sections

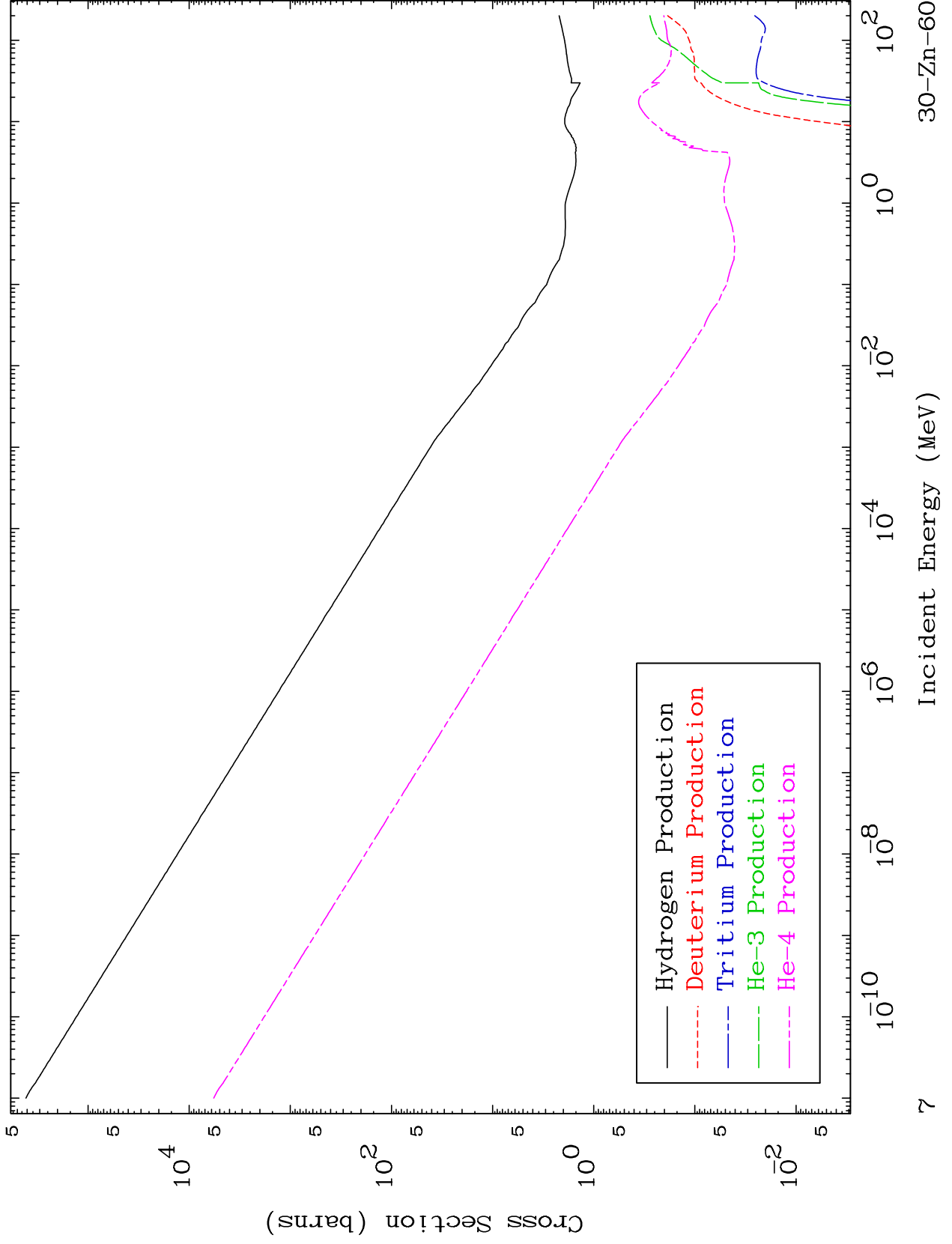
30-Zn-60



MAT 3013

Particle Production  
293 Kelvin Cross Sections

30-Zn-60

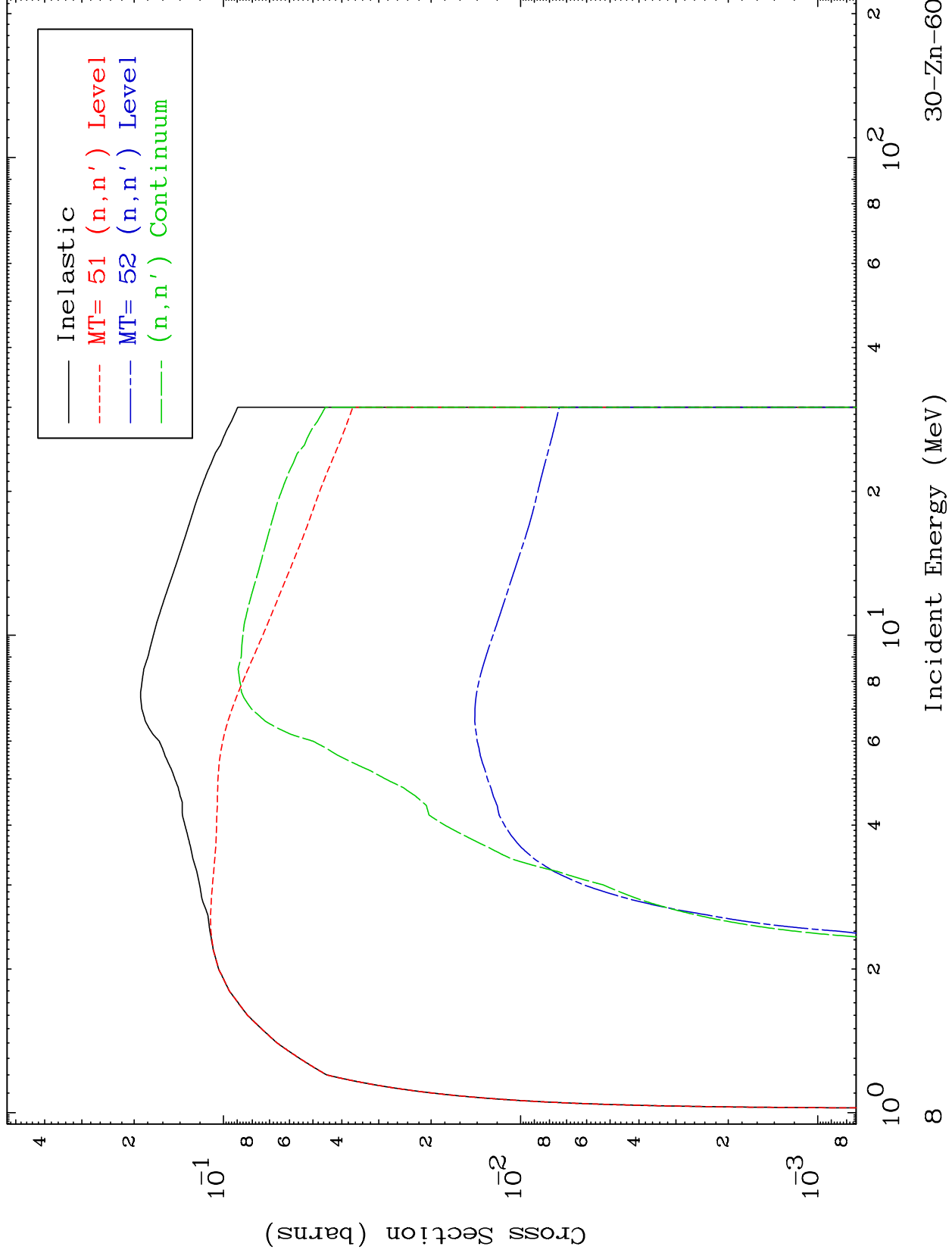




MAT 3013

(n,n') Levels  
293 Kelvin Cross Sections

30-Zn-60

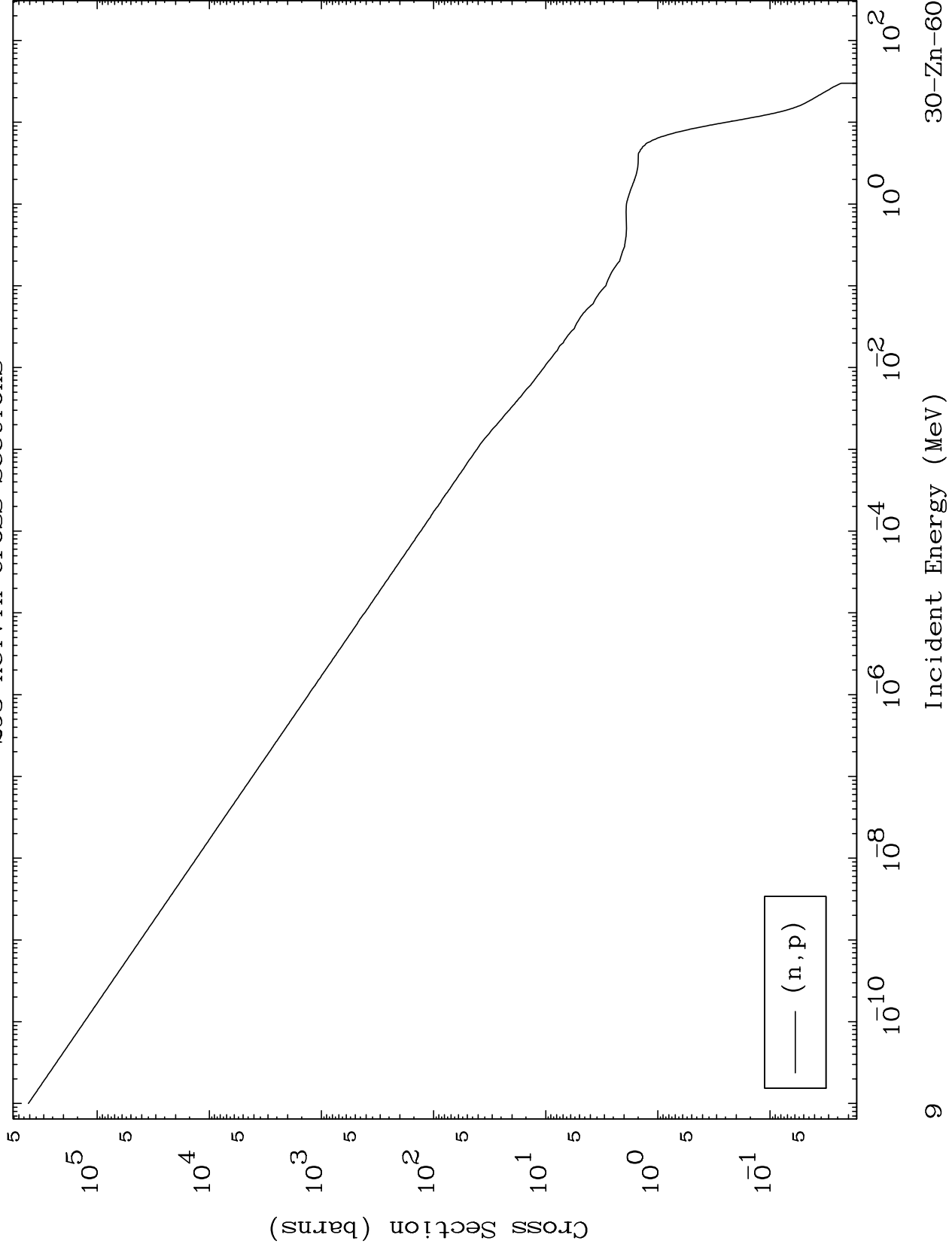


30-Zn-60

MAT 3013

(n,p) Levels  
293 Kelvin Cross Sections

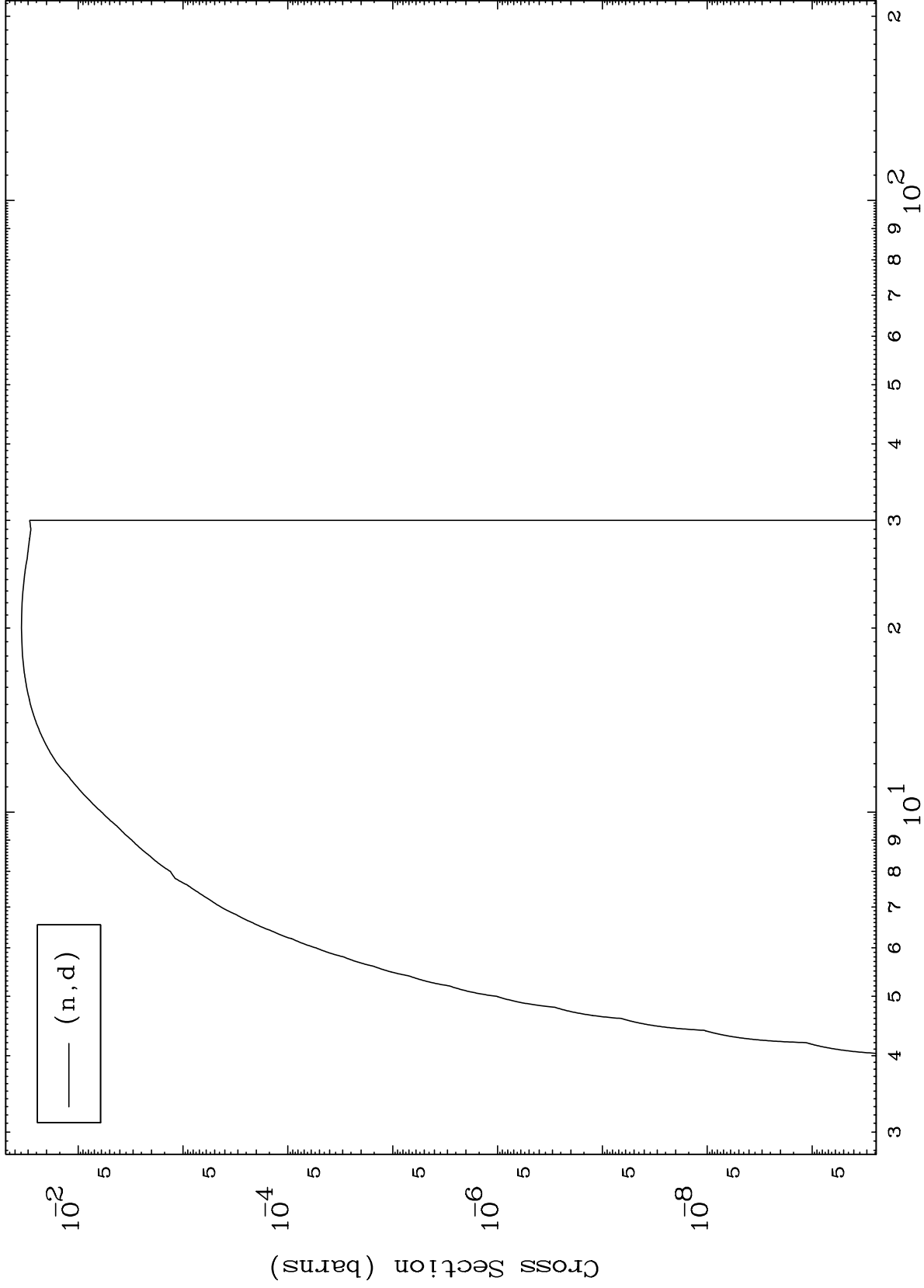
30-Zn-60



MAT 3013

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-60



Incident Energy (MeV)

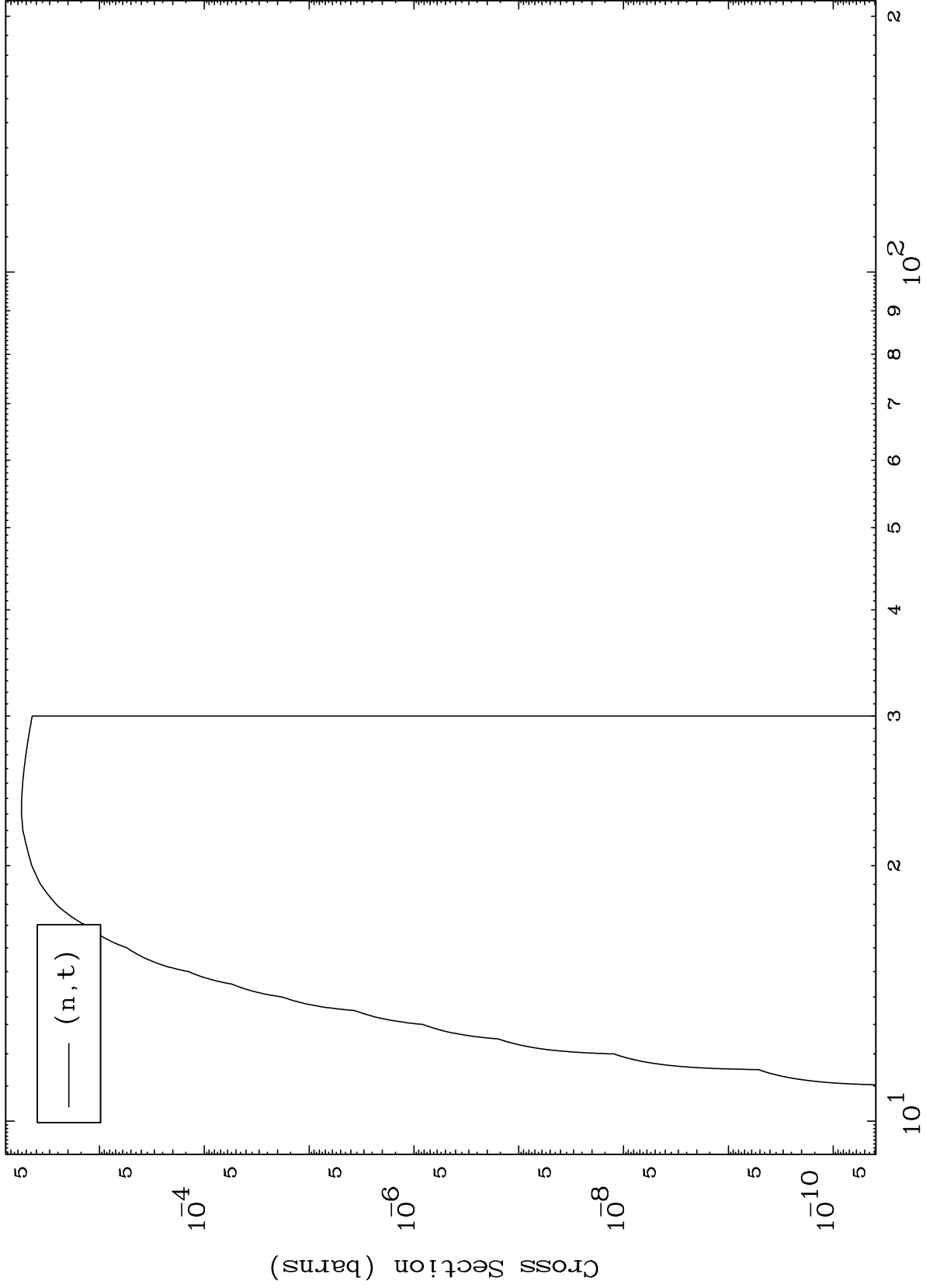
30-Zn-60

10

MAT 3013

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-60



11

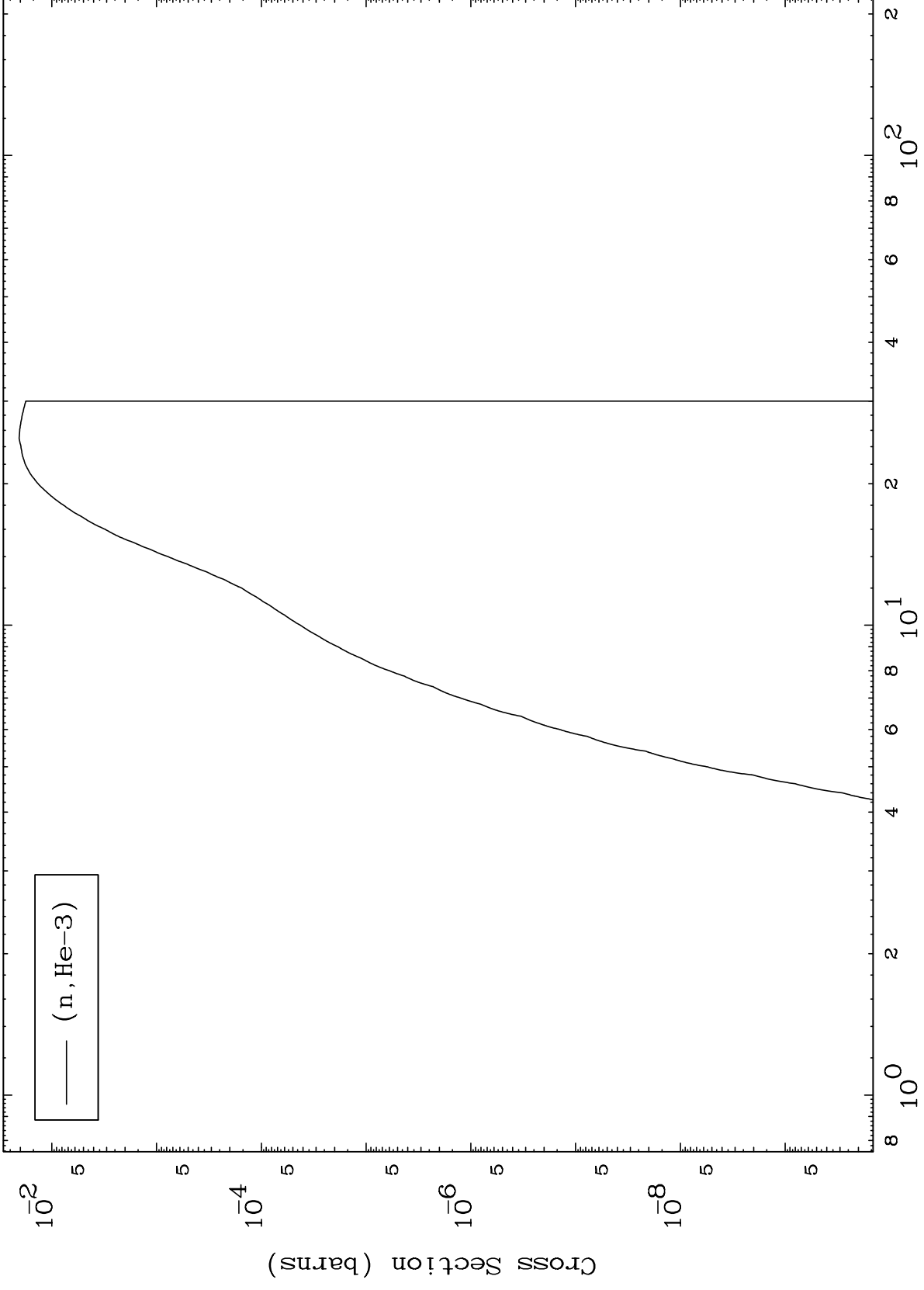
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-60



12

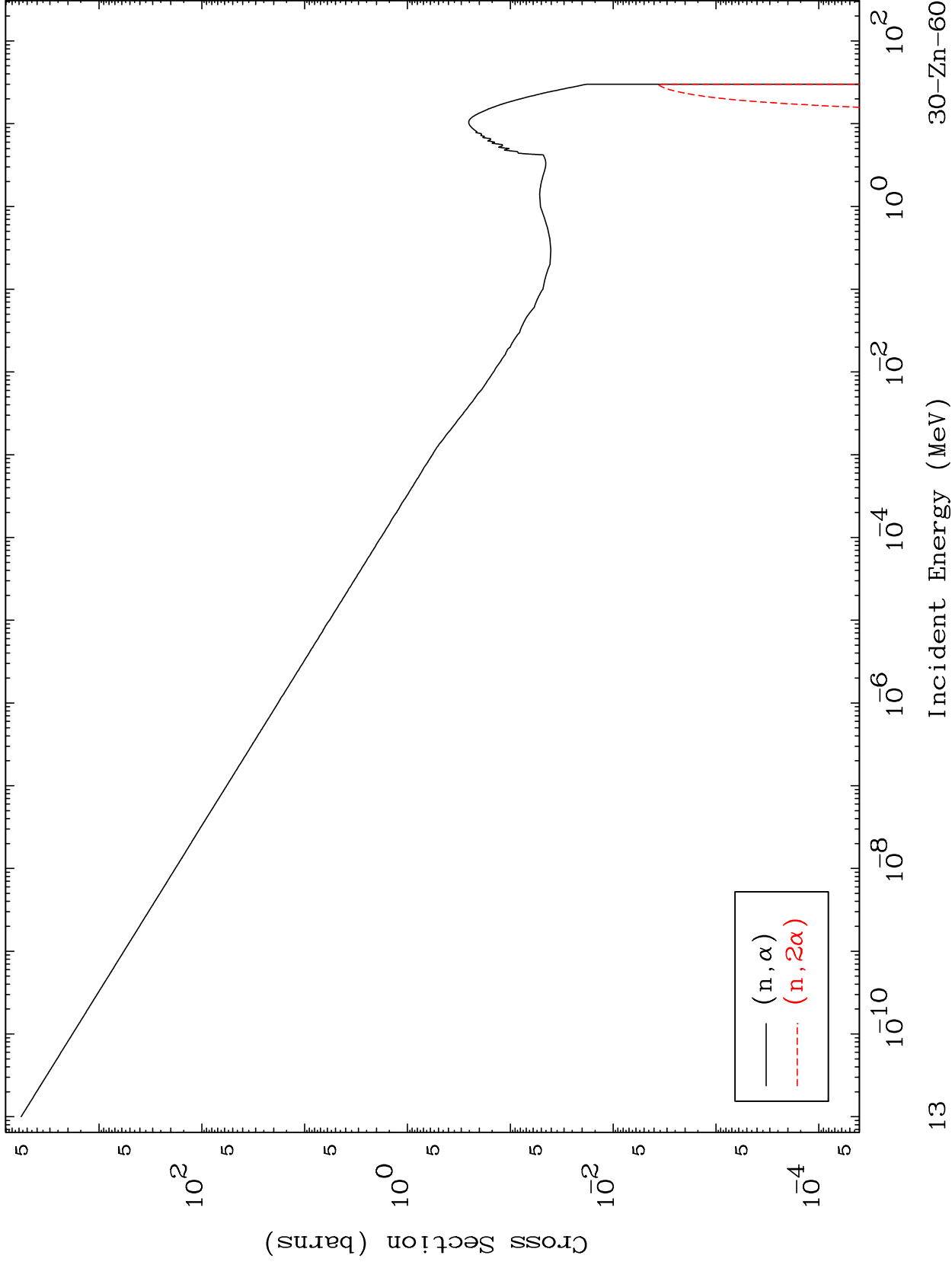
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,α) Levels  
293 Kelvin Cross Sections

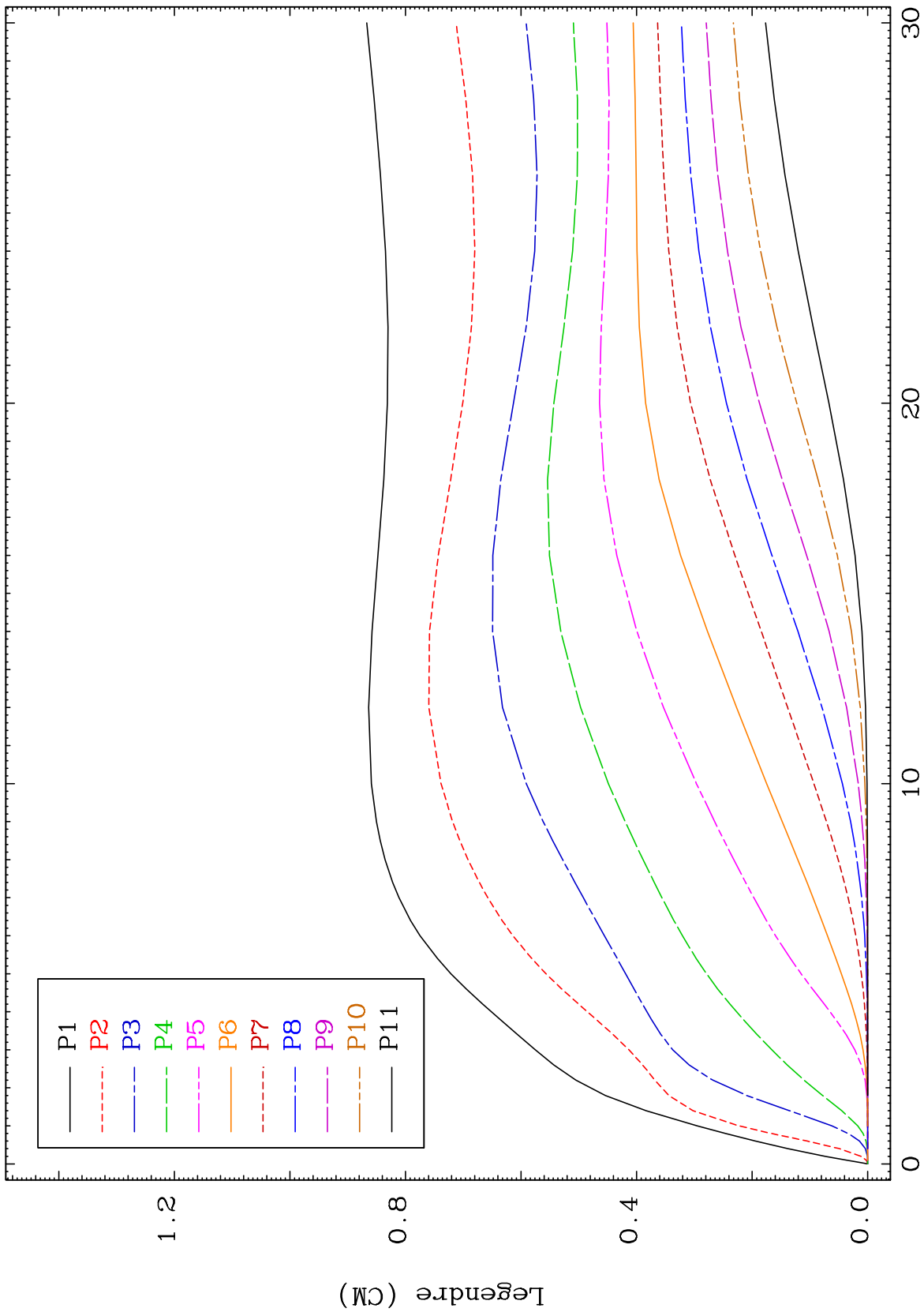
30-Zn-60



MAT 3013

Elastic Legendre Coefficients

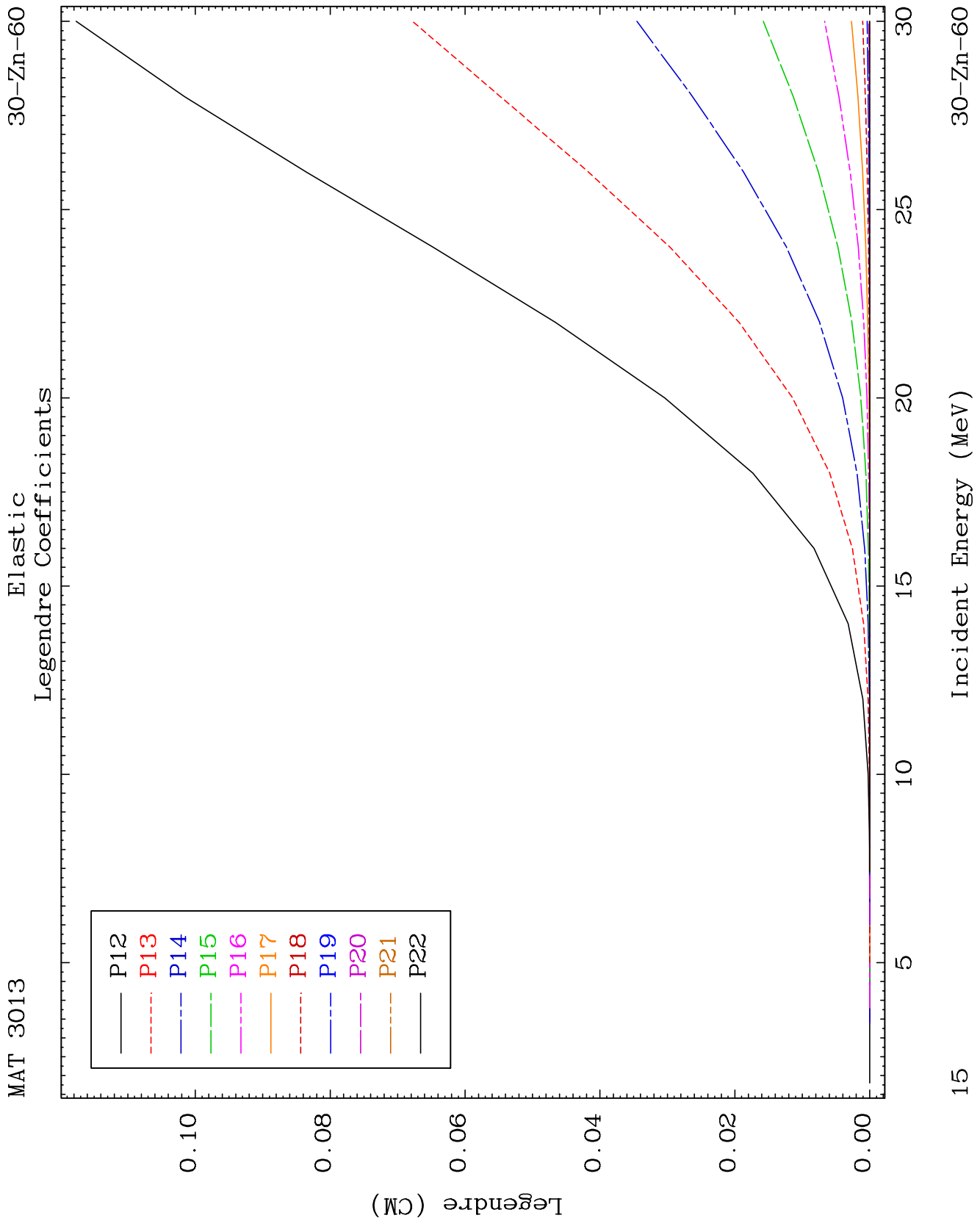
30-Zn-60



14

Incident Energy (MeV)

30-Zn-60

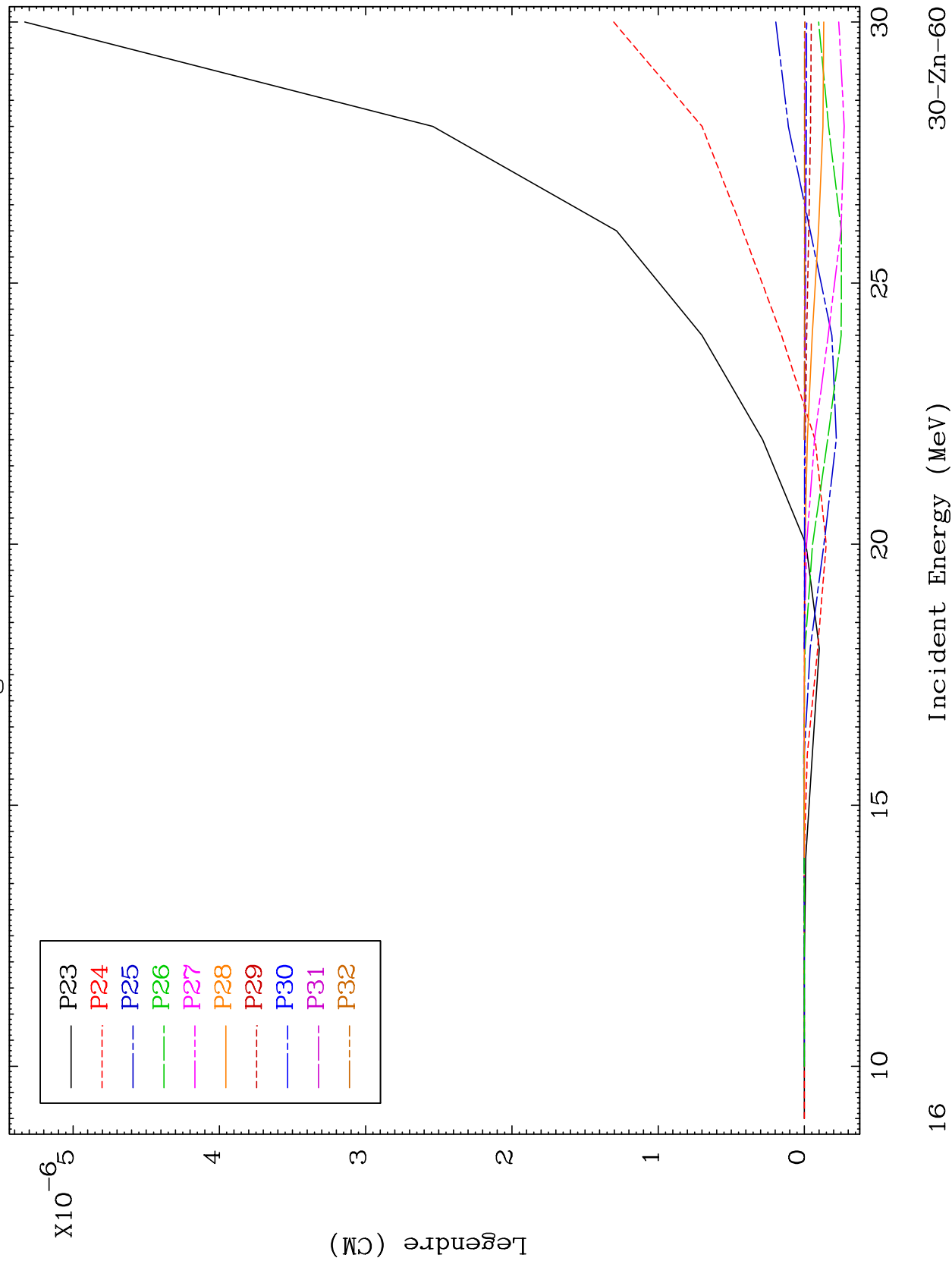


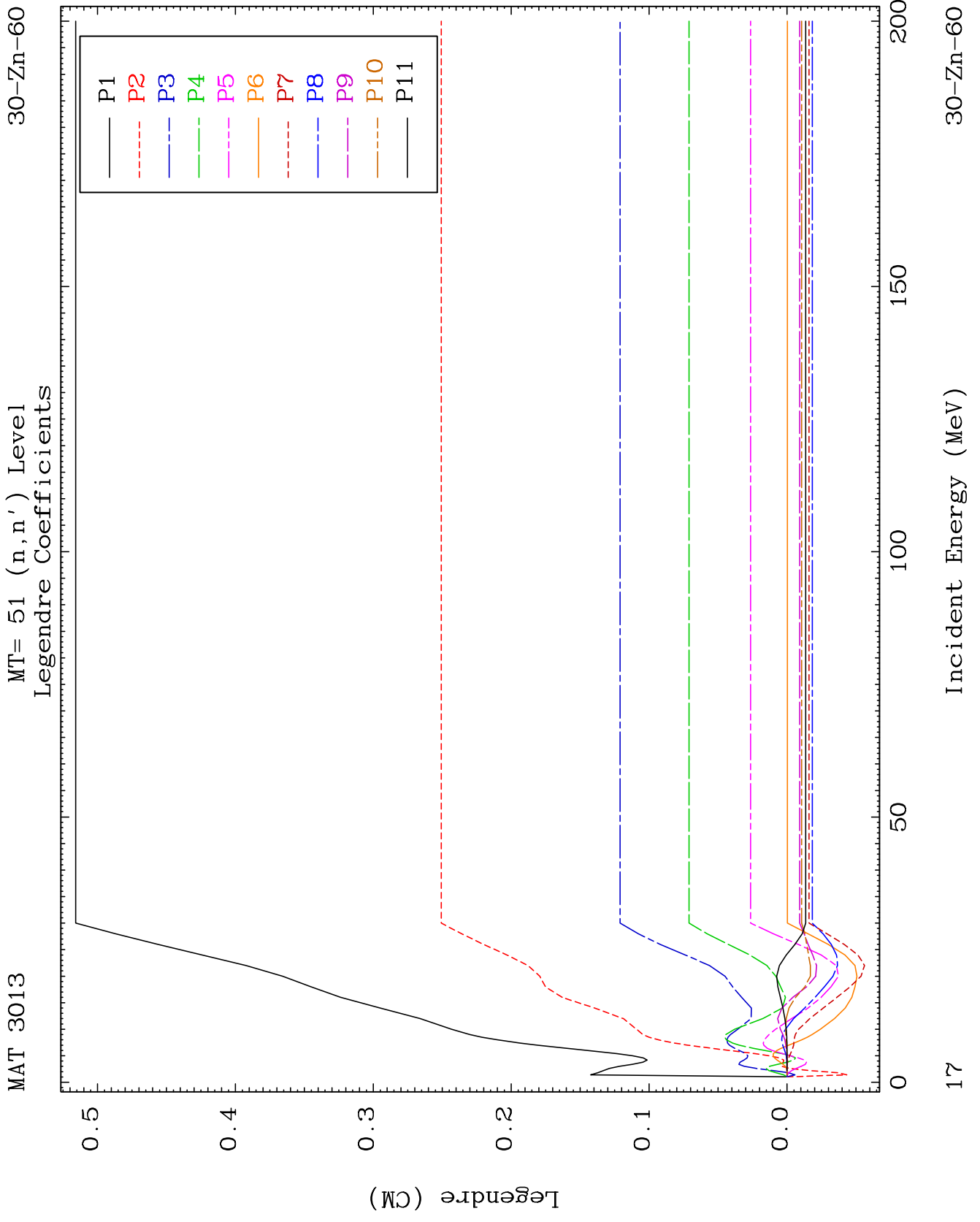


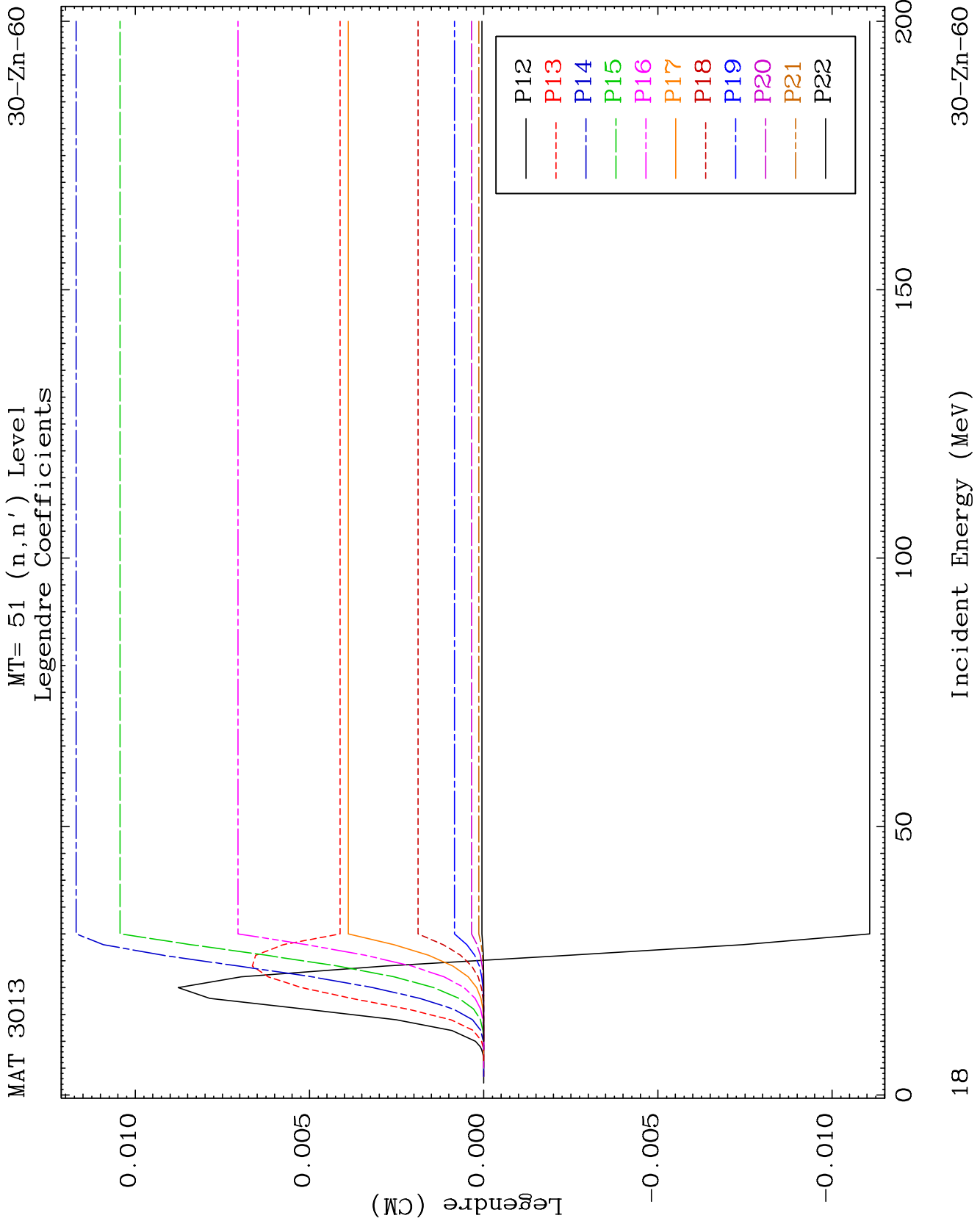
MAT 3013

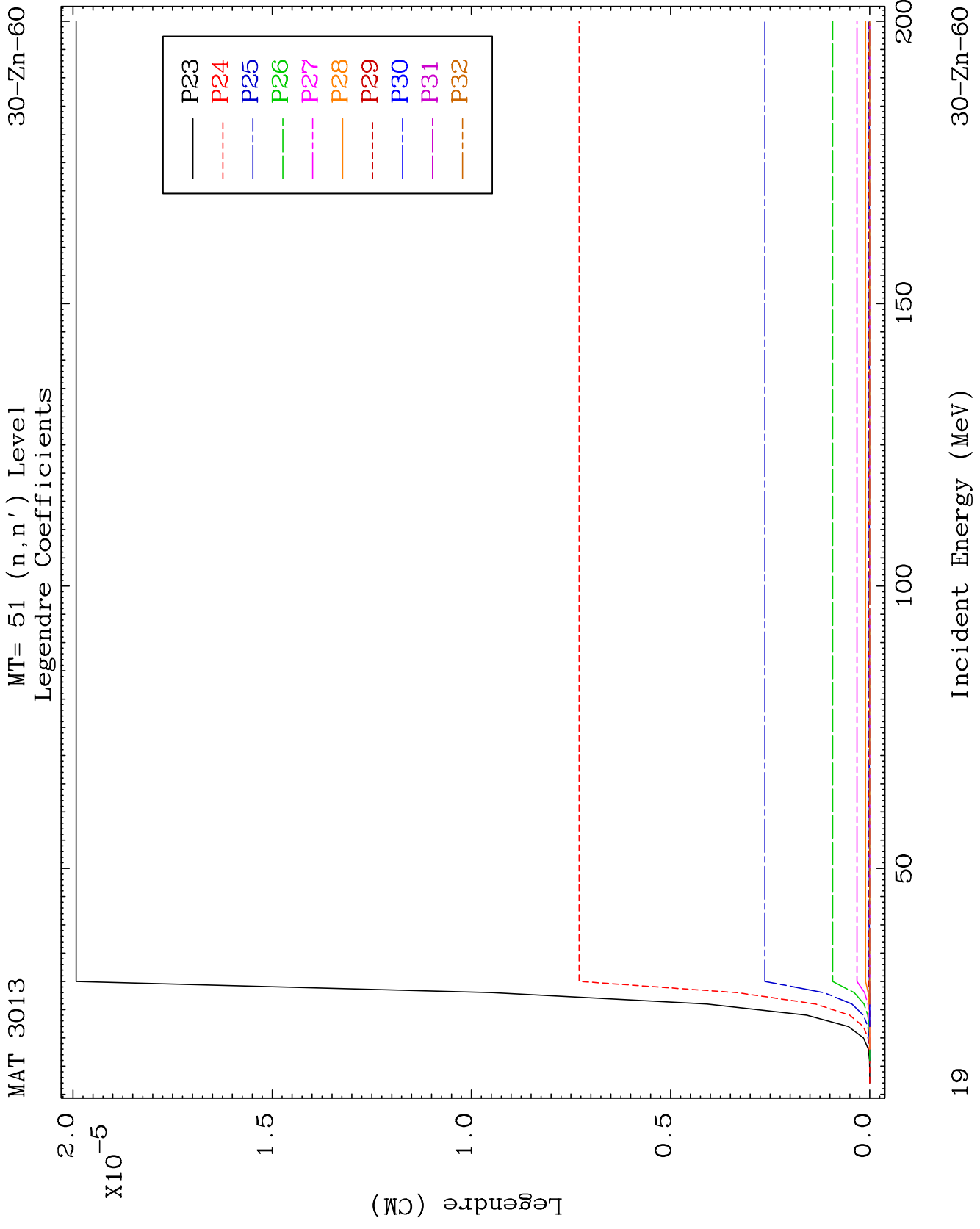
Elastic Legendre Coefficients

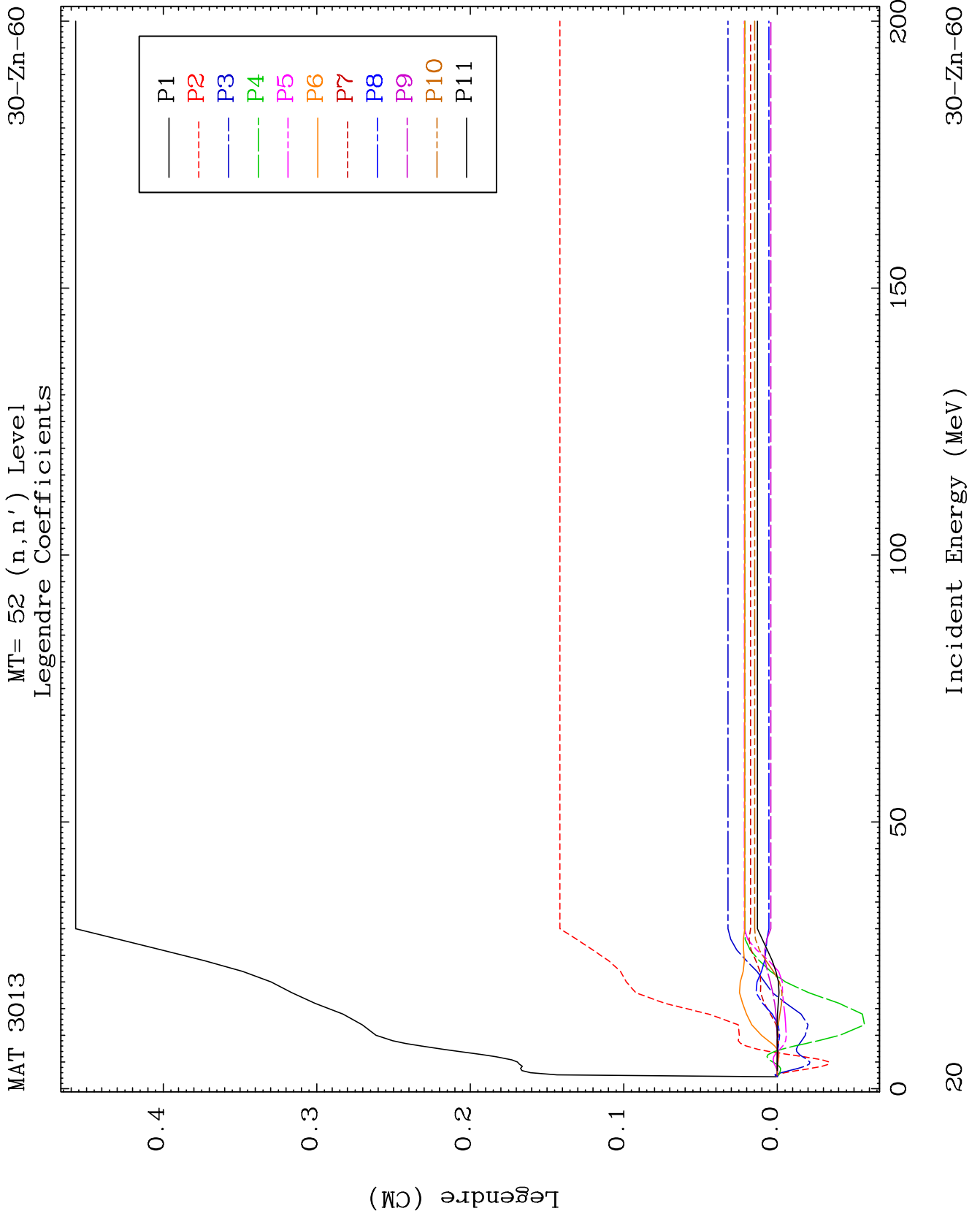
30-Zn-60







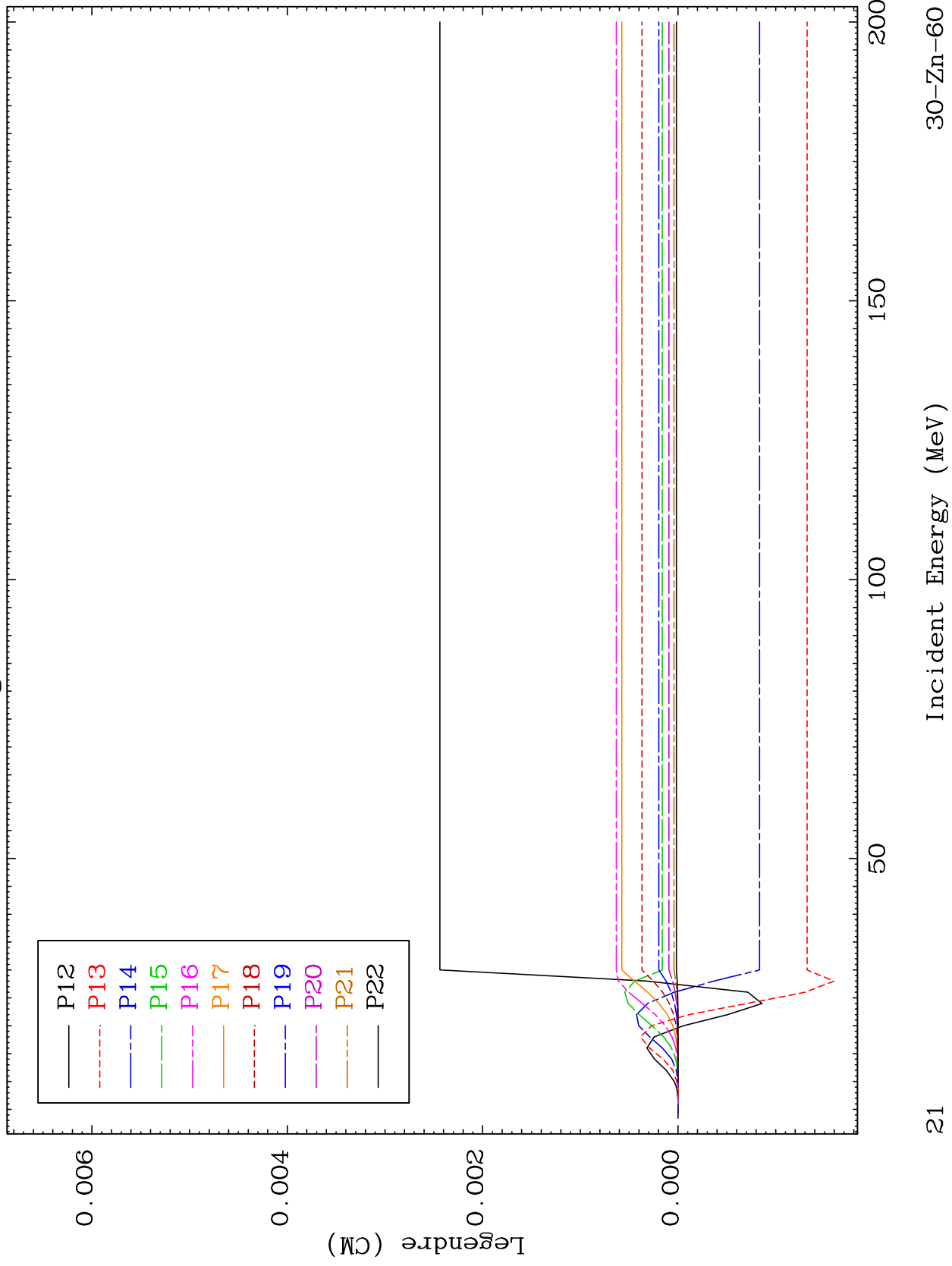


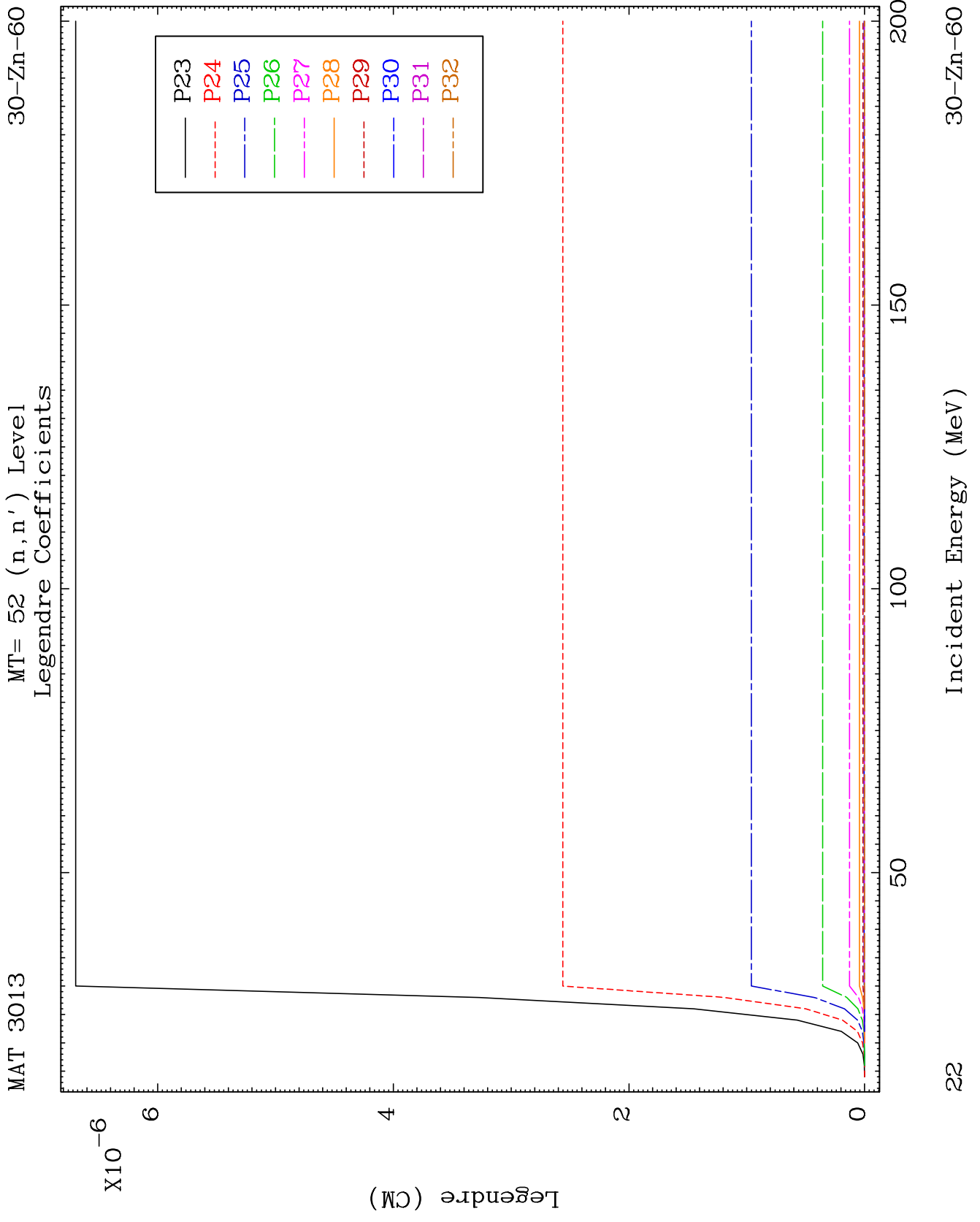


MAT 3013

MT= 52 (n,n') Level  
Legendre Coefficients

30-Zn-60



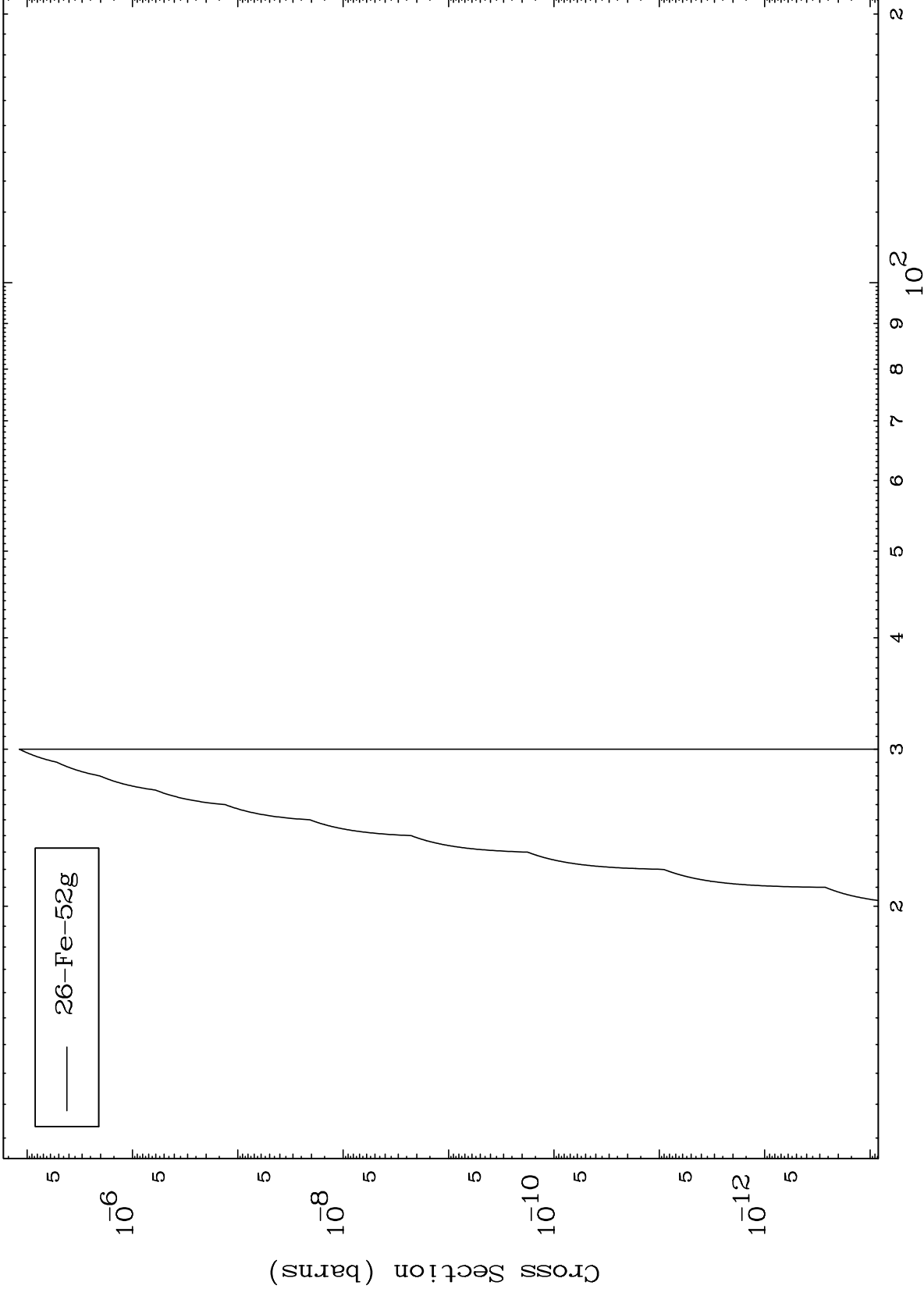


MAT 3013

(n,n') 2α

30-Zn-60

Radionuclide Production Cross Section



23

Incident Energy (MeV)

30-Zn-60

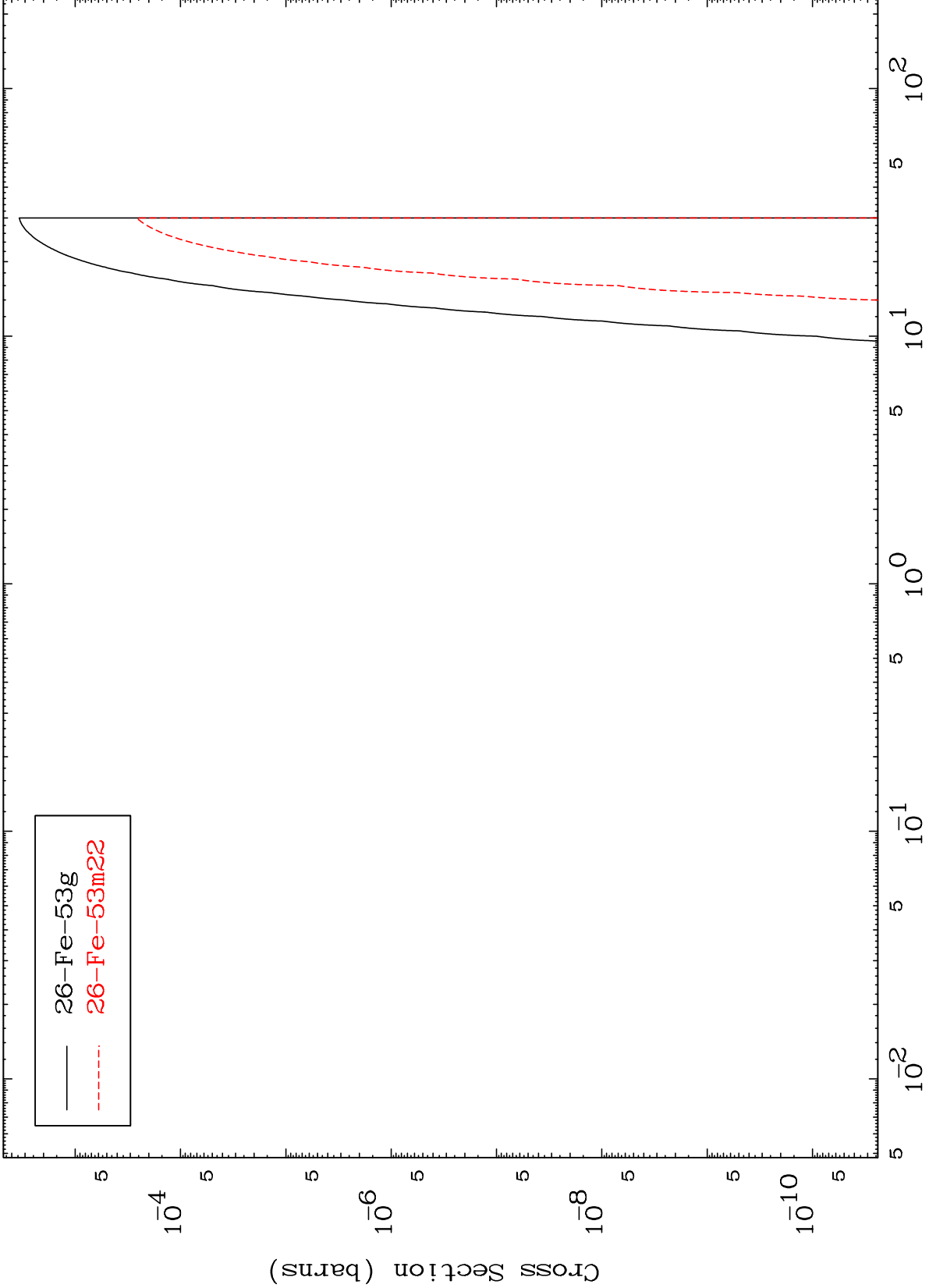


MAT 3013

(n,2α)

30-Zn-60

Radionuclide Production Cross Section



— 26-Fe-53g  
- - - 26-Fe-53m22

24

Incident Energy (MeV)

30-Zn-60