

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

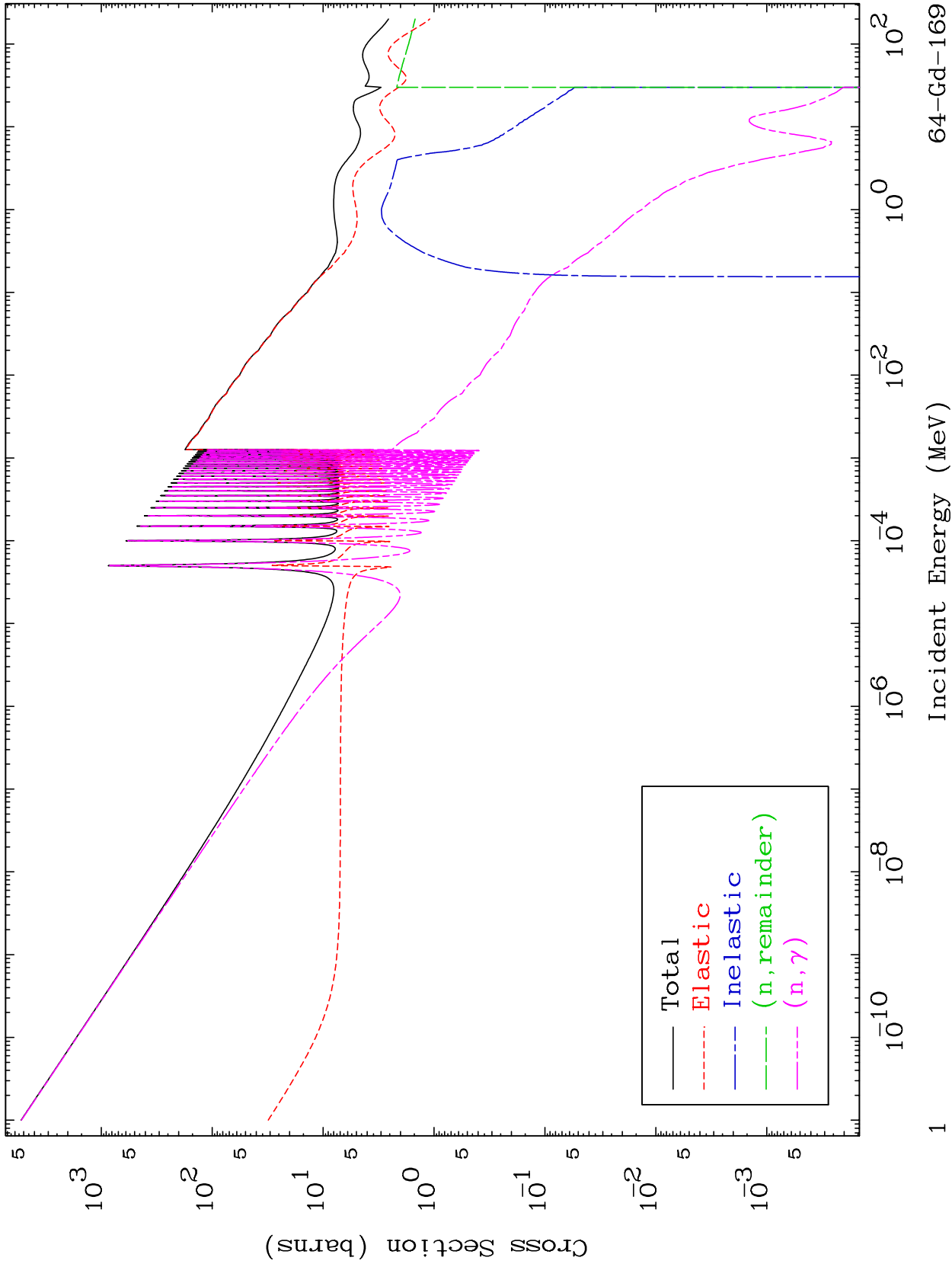
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6476

Major  
293 Kelvin Cross Sections

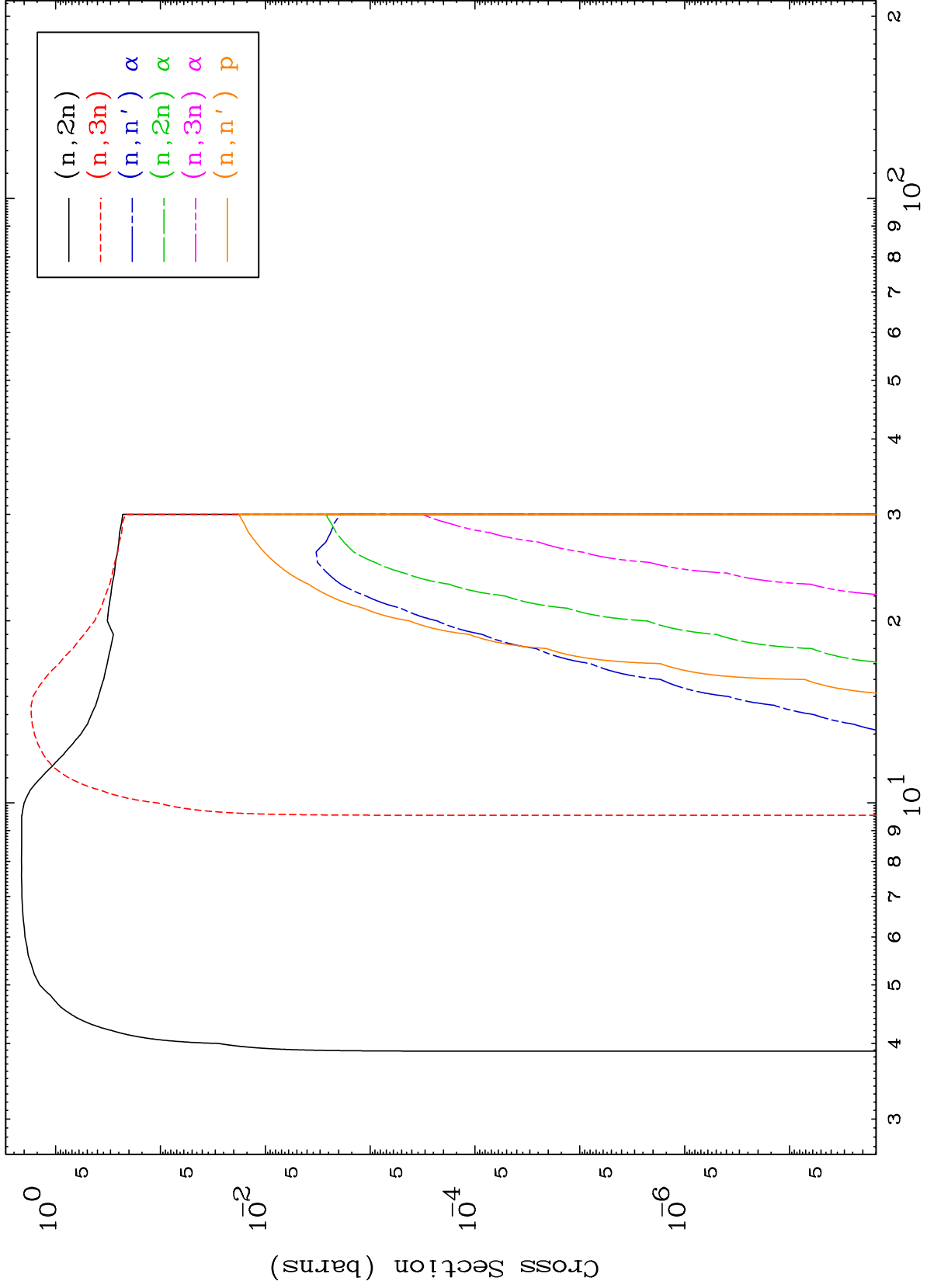
64-Gd-169



MAT 6476

Neutron Production  
293 Kelvin Cross Sections

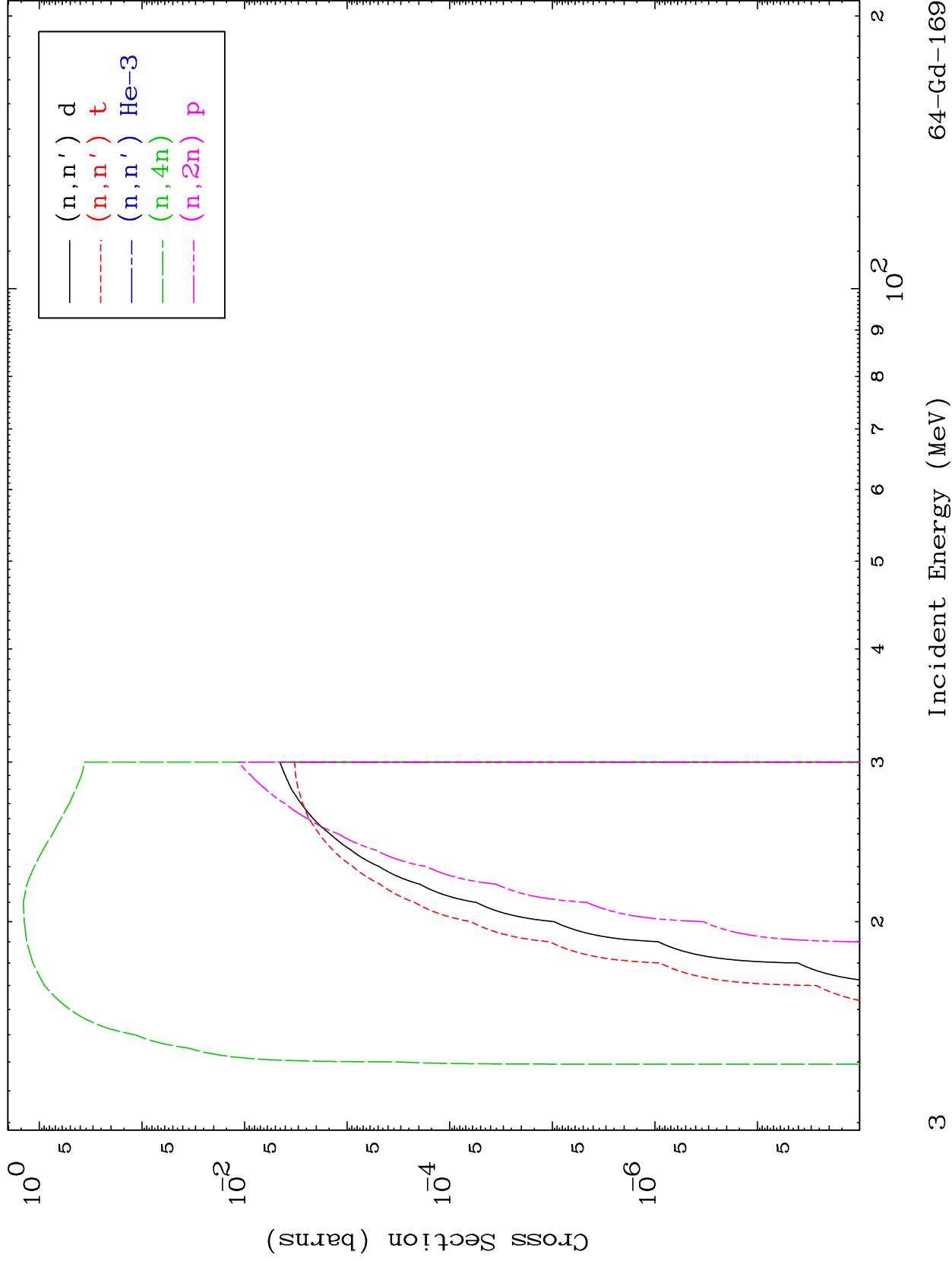
64-Gd-169

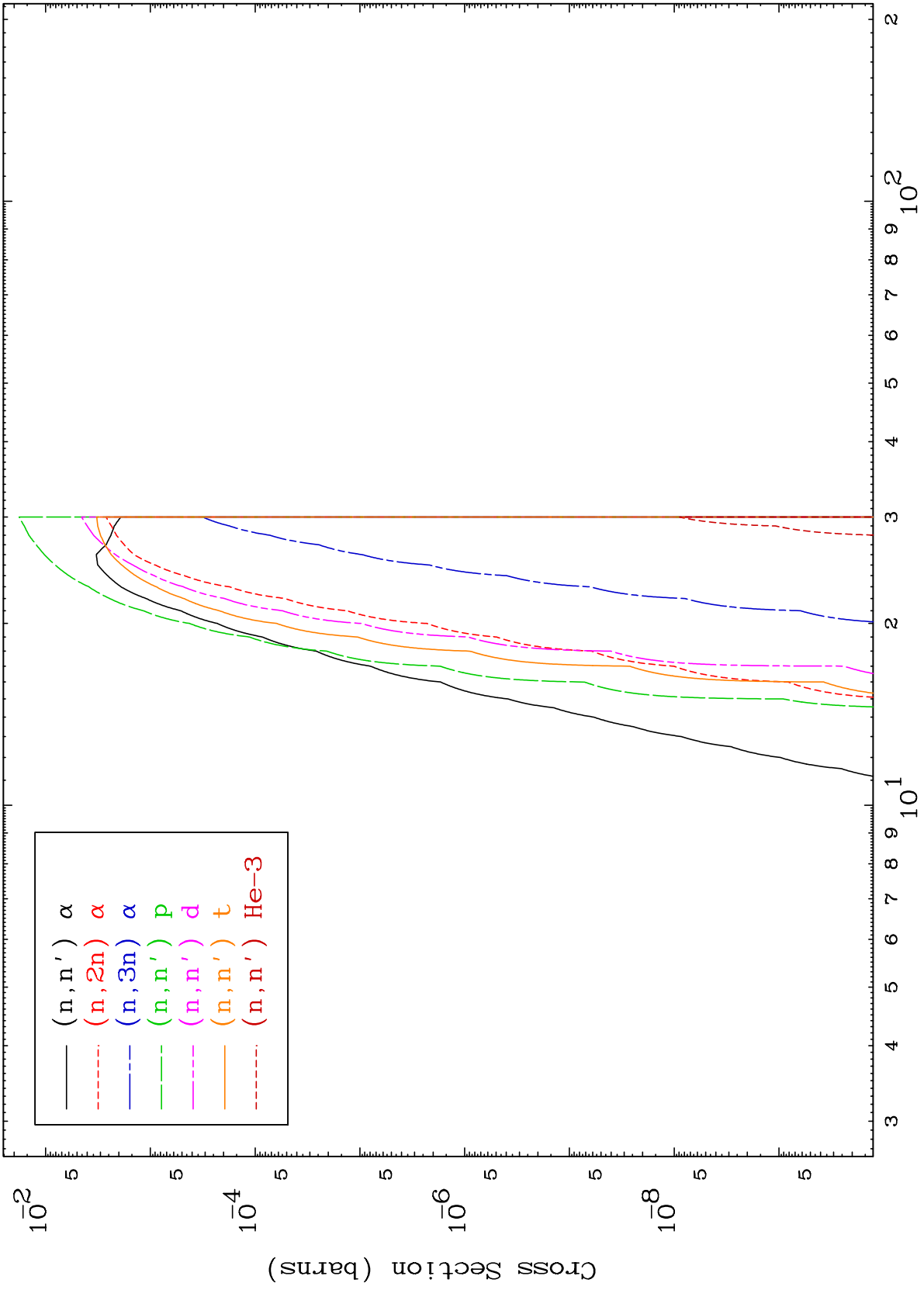


2

Incident Energy (MeV)

64-Gd-169

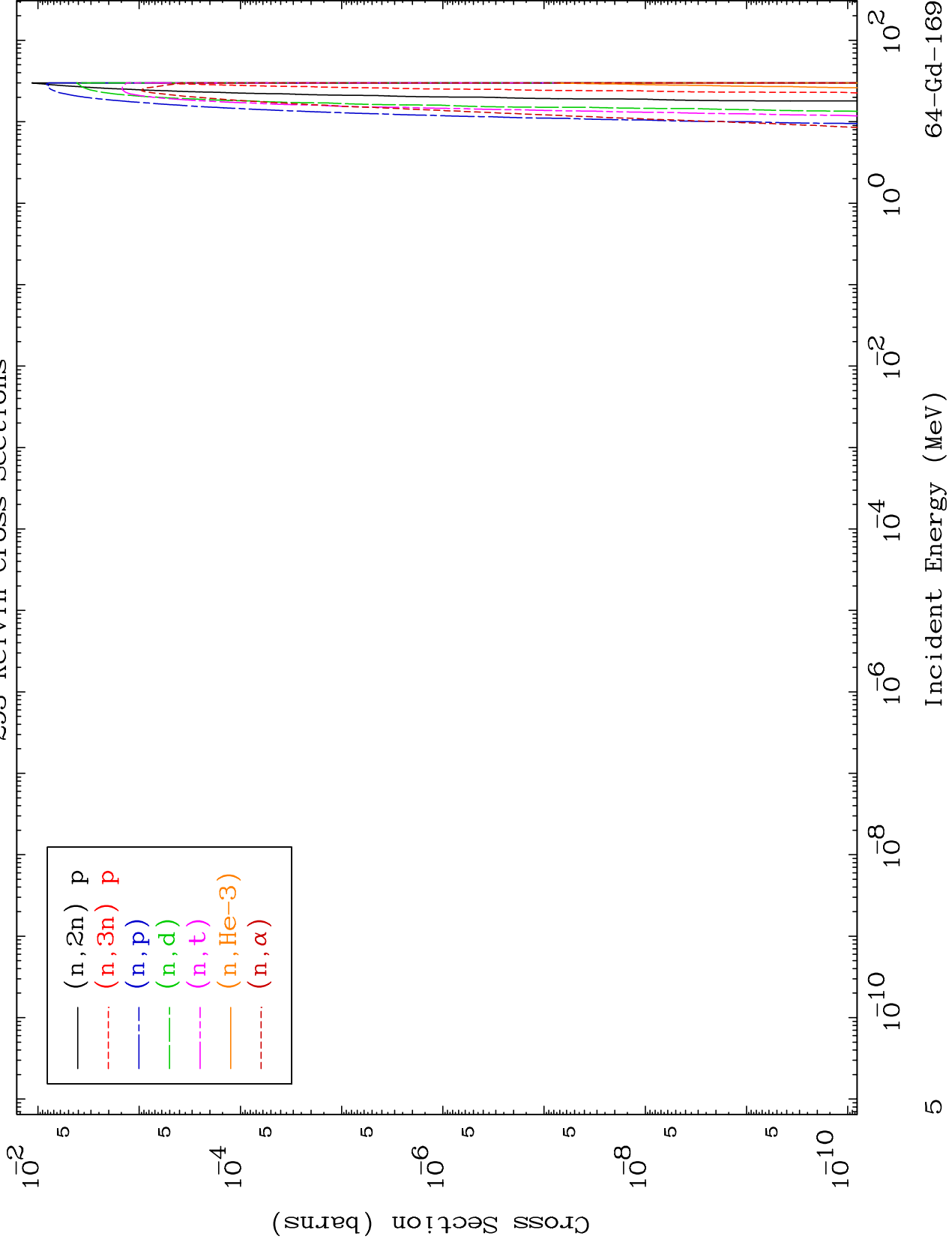




MAT 6476

Charged Particle  
293 Kelvin Cross Sections

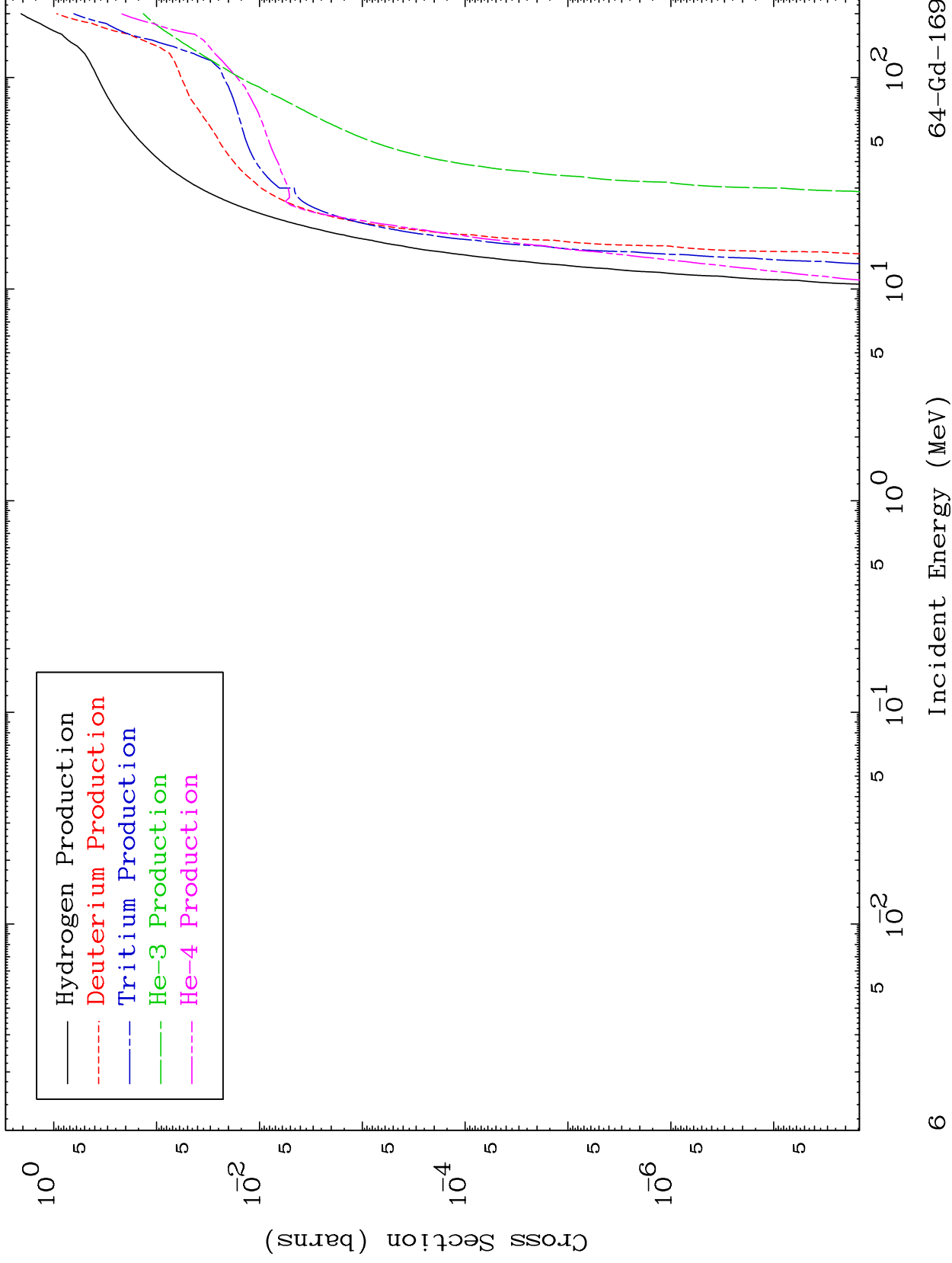
64-Gd-169



MAT 6476

Particle Production  
293 Kelvin Cross Sections

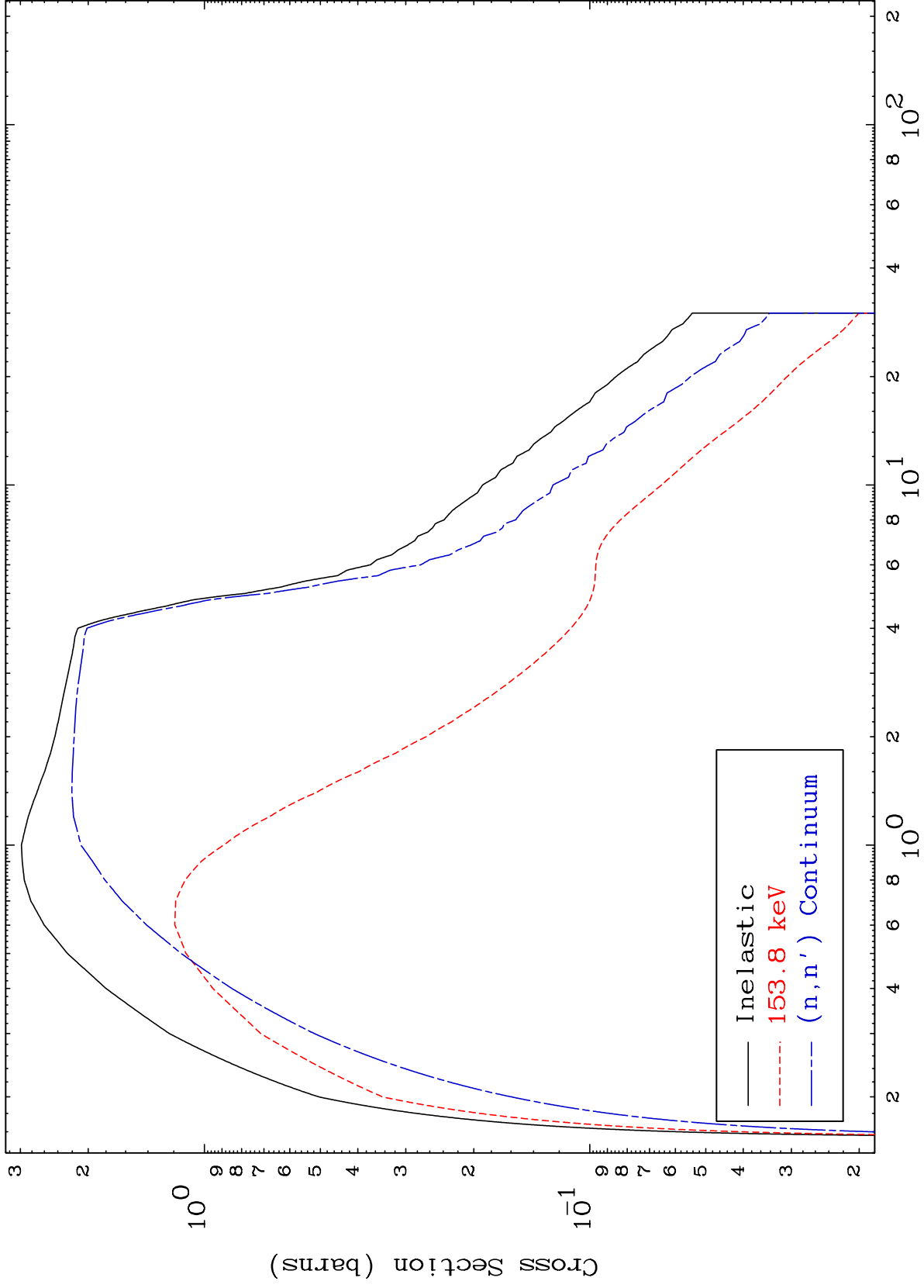
64-Gd-169



MAT 6476

(n,n') Level  
293 Kelvin Cross Sections

64-Gd-169

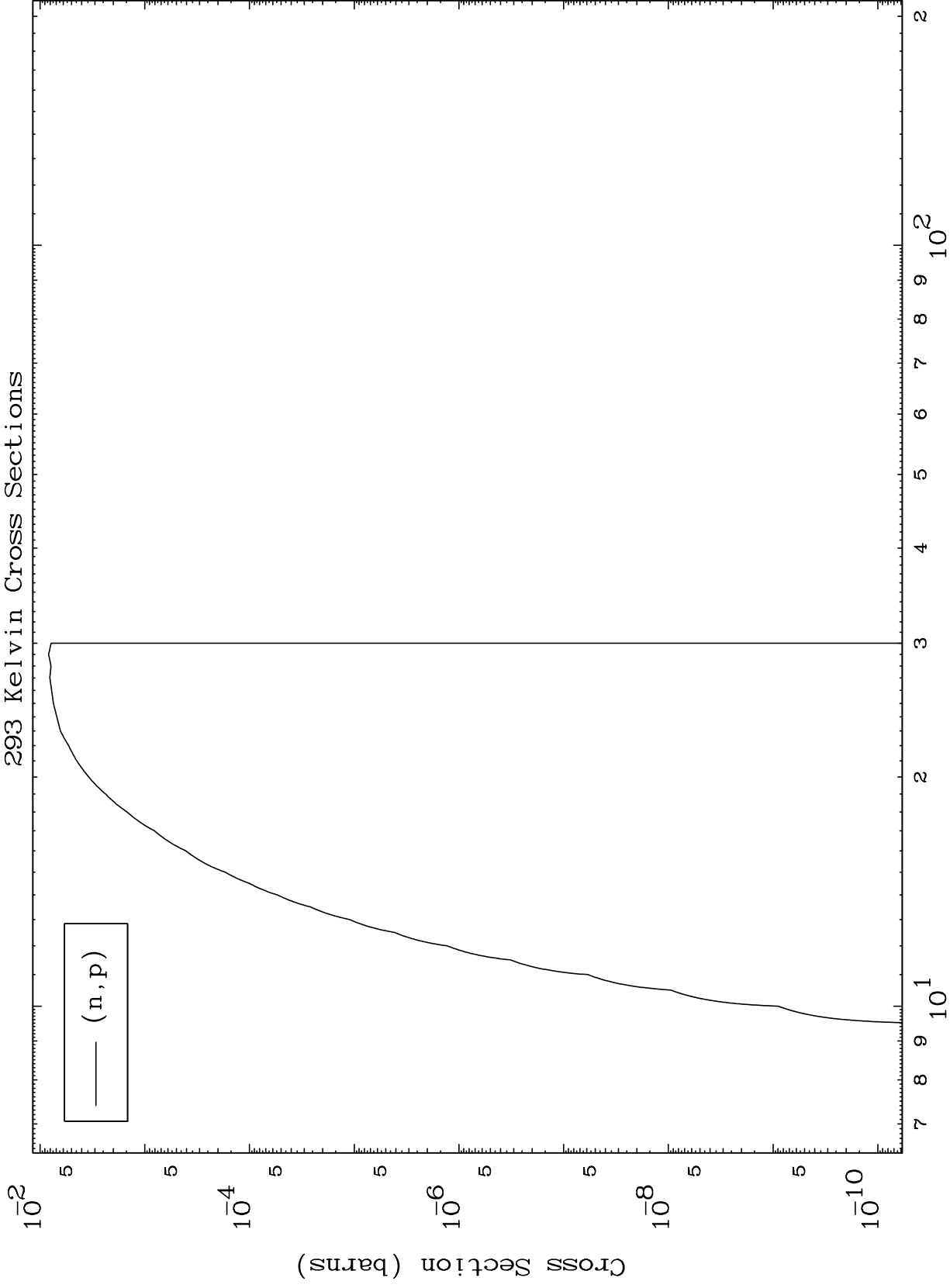




MAT 6476

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-169



8

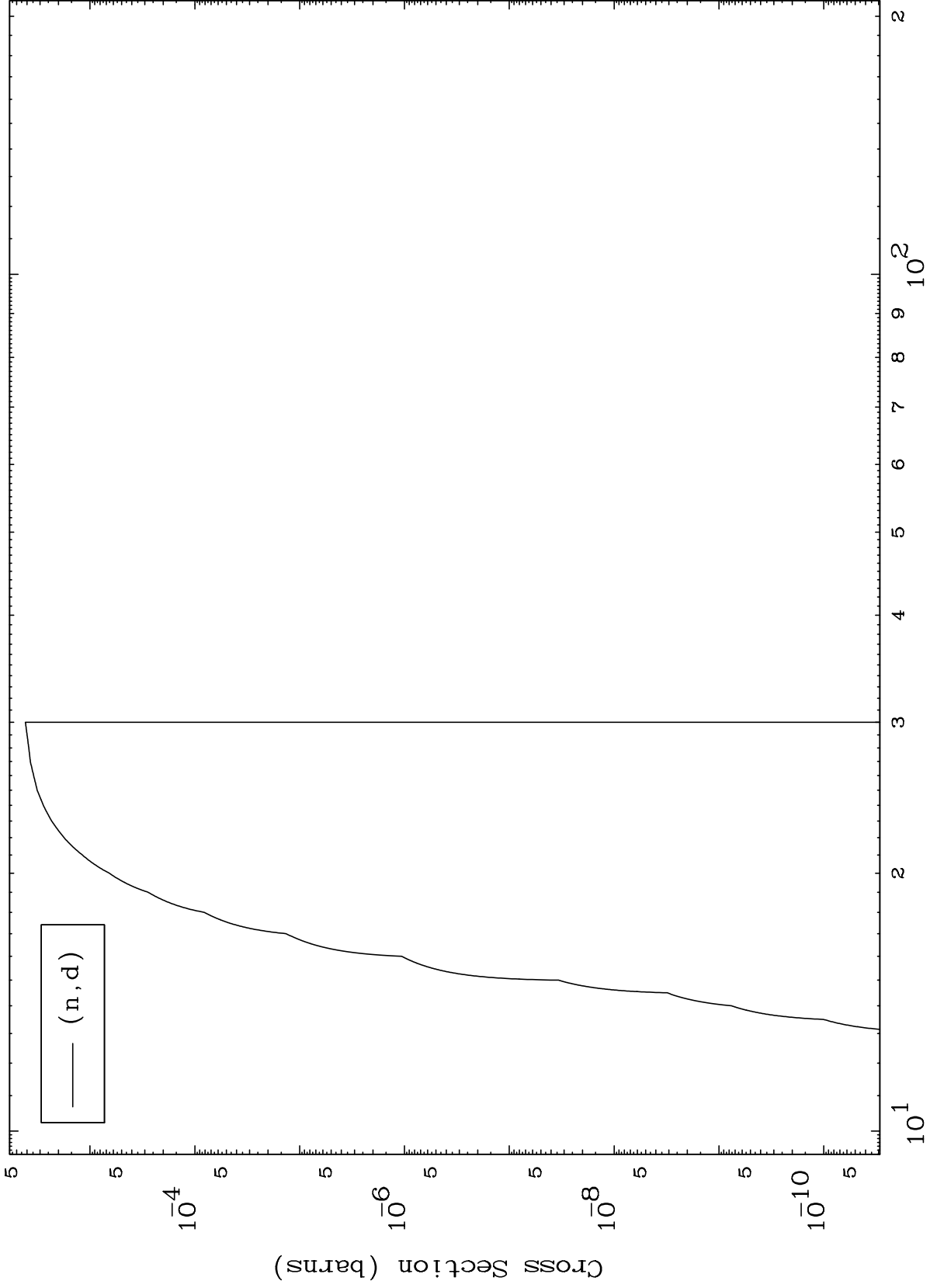
Incident Energy (MeV)

64-Gd-169

MAT 6476

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-169



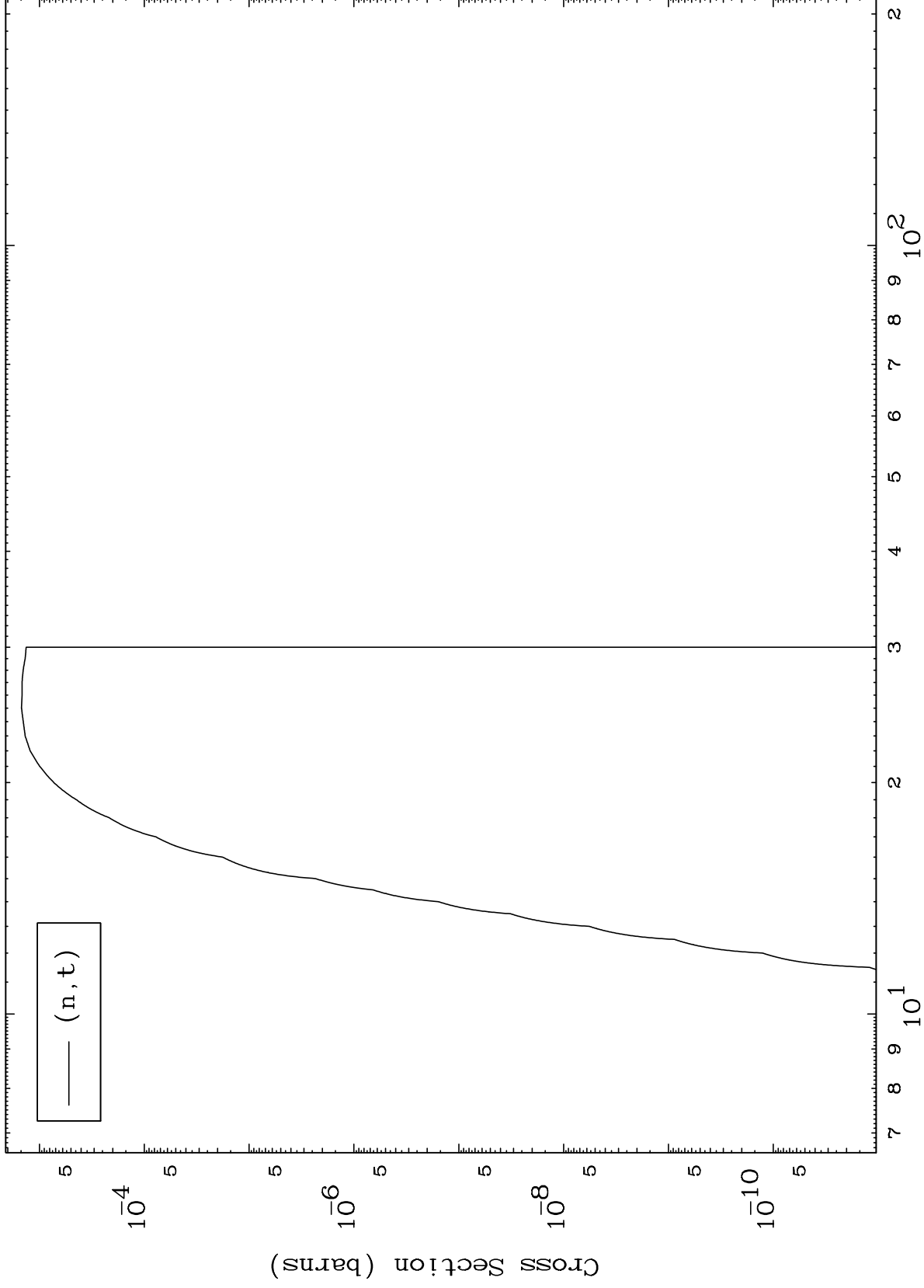
Incident Energy (MeV)

64-Gd-169

MAT 6476

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-169



10

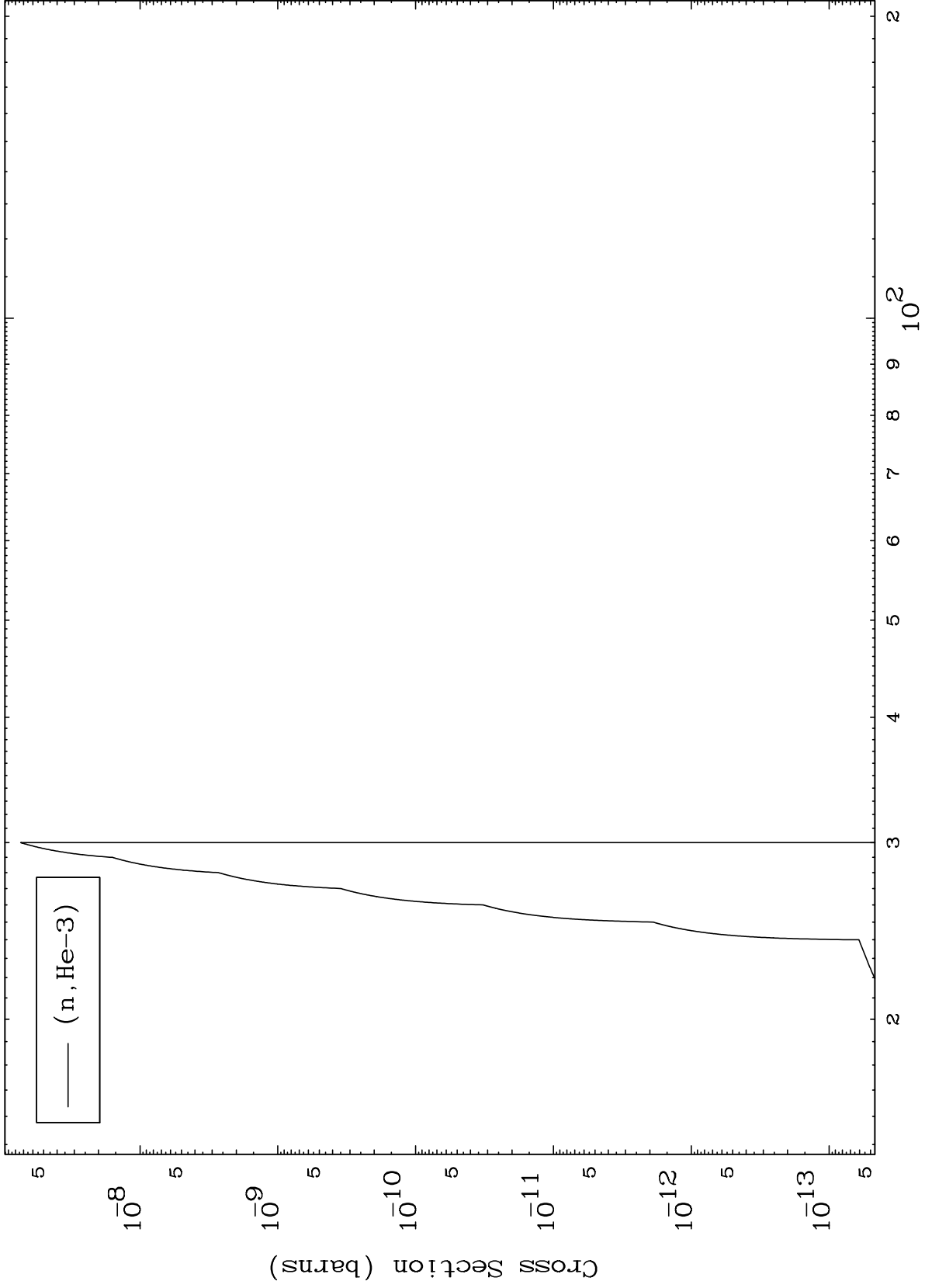
Incident Energy (MeV)

64-Gd-169

MAT 6476

(n,He3) Levels  
293 Kelvin Cross Sections

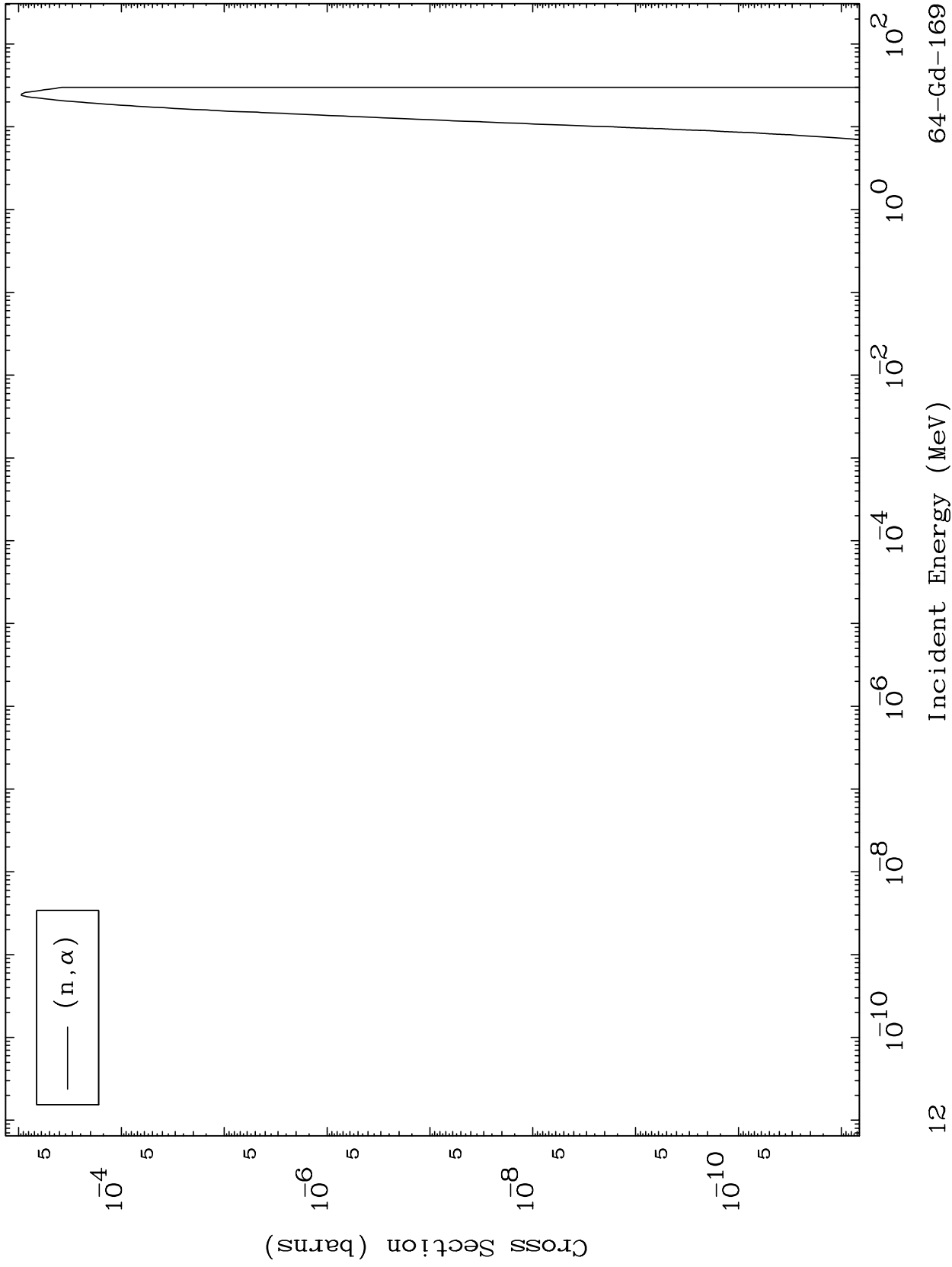
64-Gd-169



MAT 6476

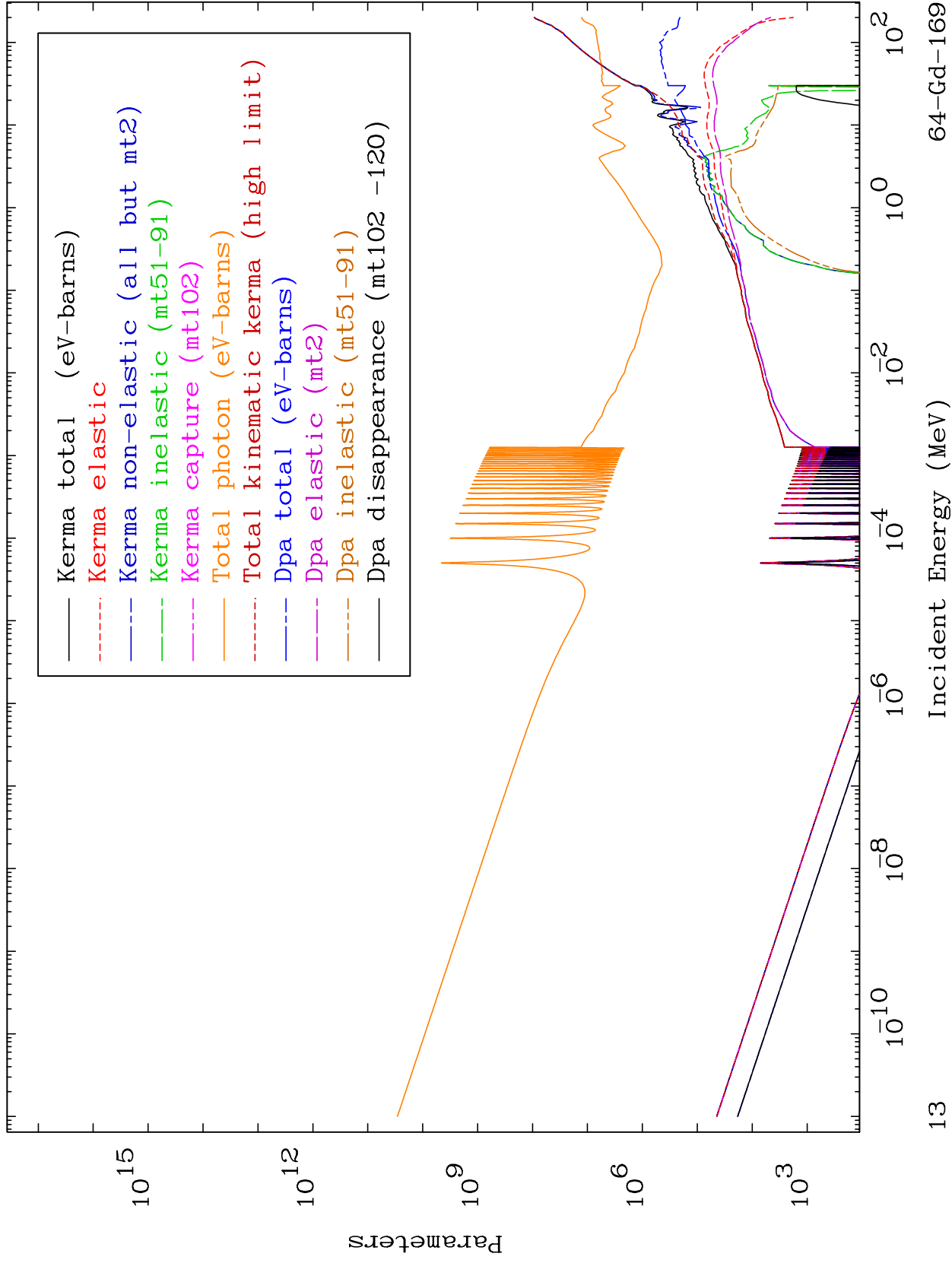
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

64-Gd-169



12

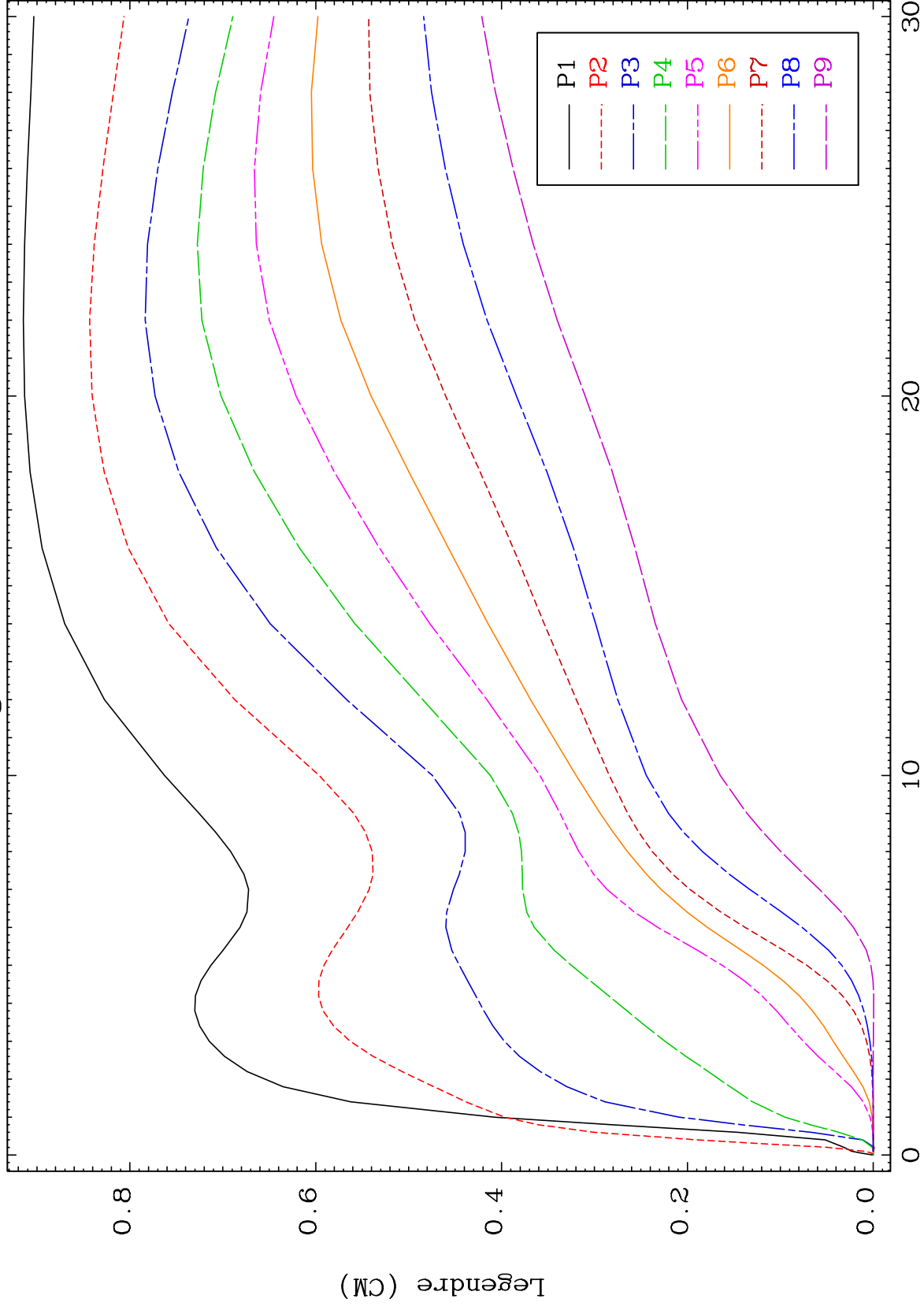
64-Gd-169



MAT 6476

Elastic Legendre Coefficients

64-Gd-169



14

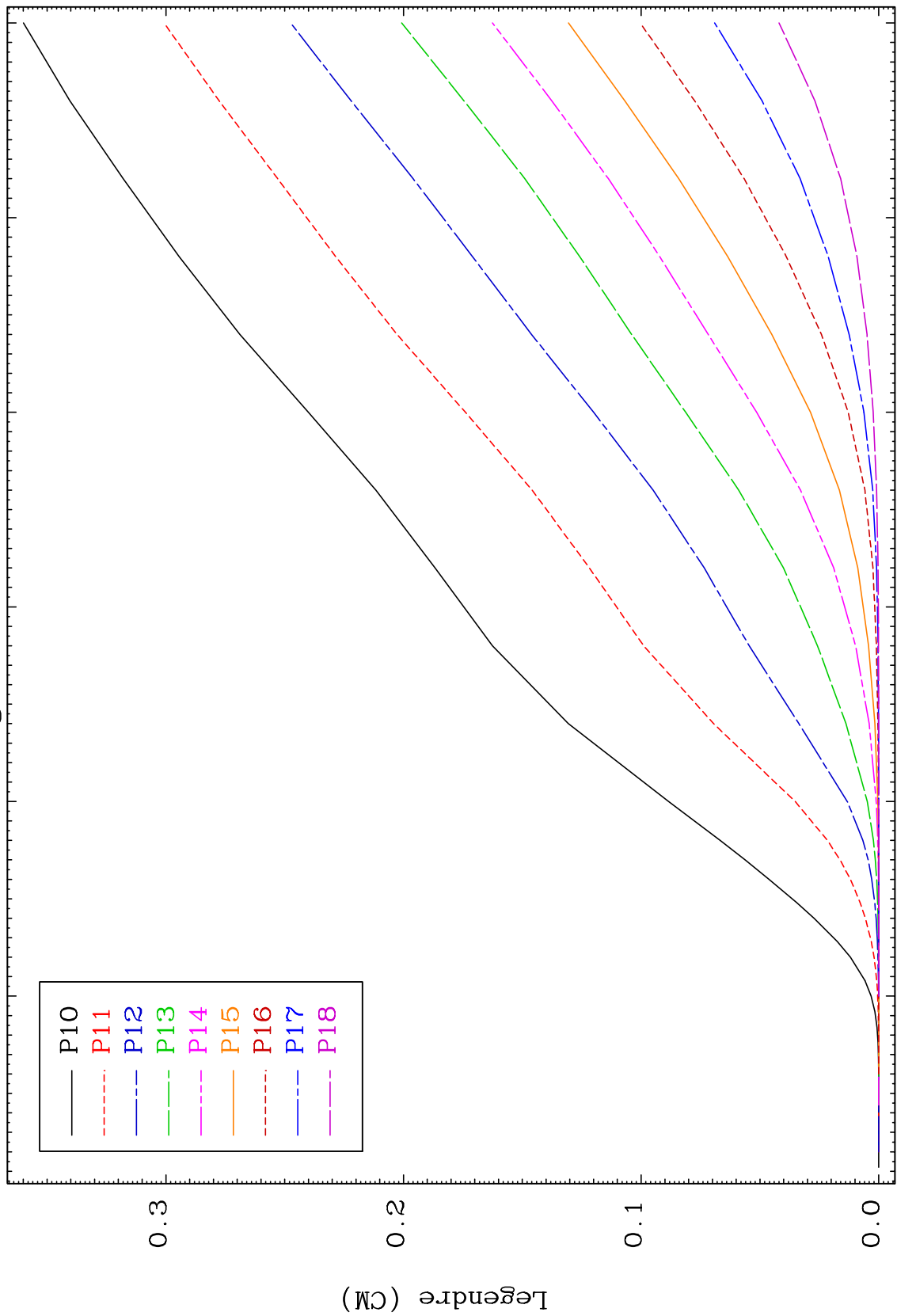
Incident Energy (MeV)

64-Gd-169

MAT 6476

Elastic Legendre Coefficients

64-Gd-169



15

Incident Energy (MeV)

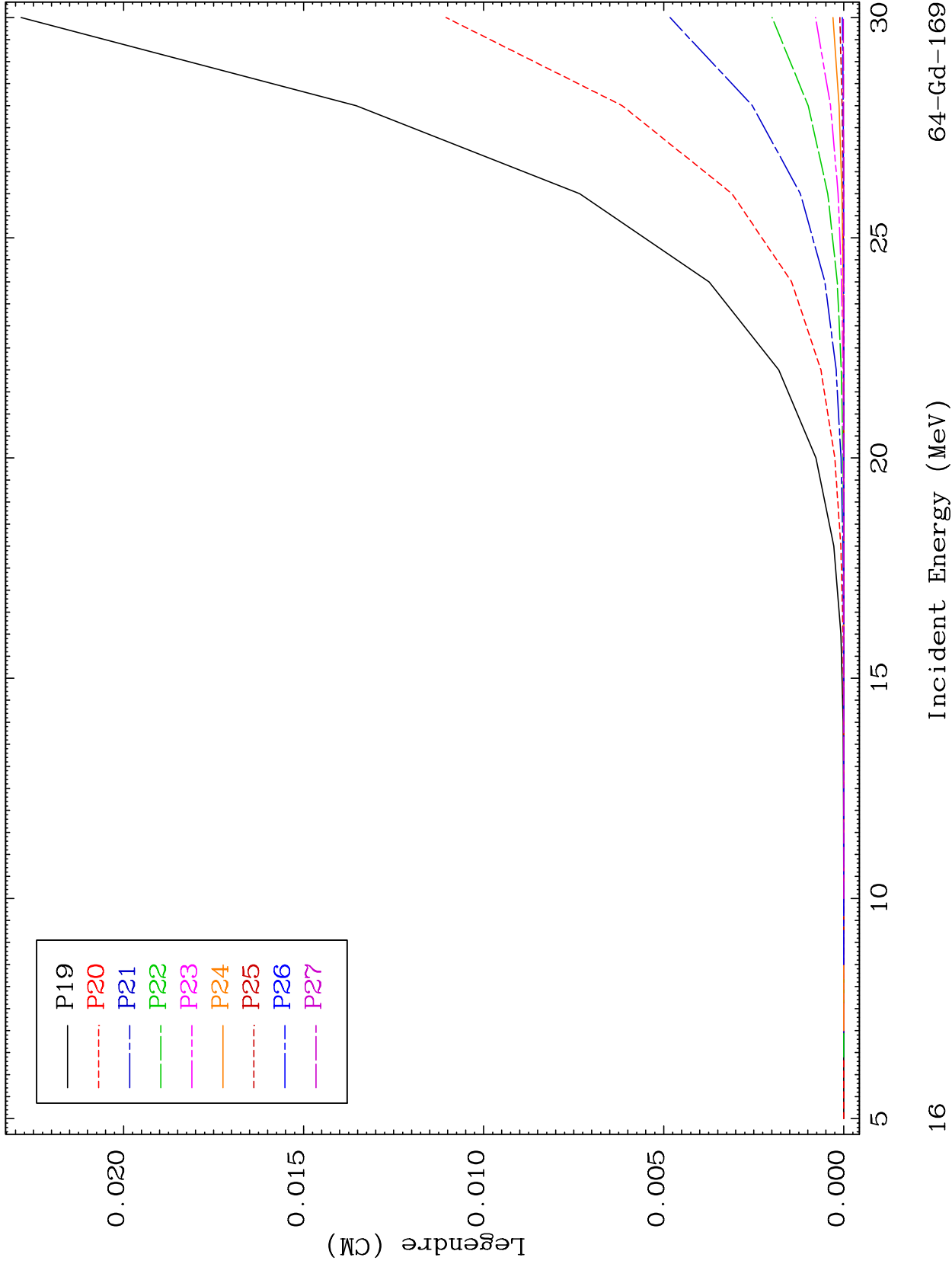
64-Gd-169



MAT 6476

Elastic Legendre Coefficients

64-Gd-169



16

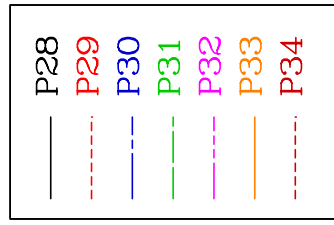
Incident Energy (MeV)

64-Gd-169

MAT 6476

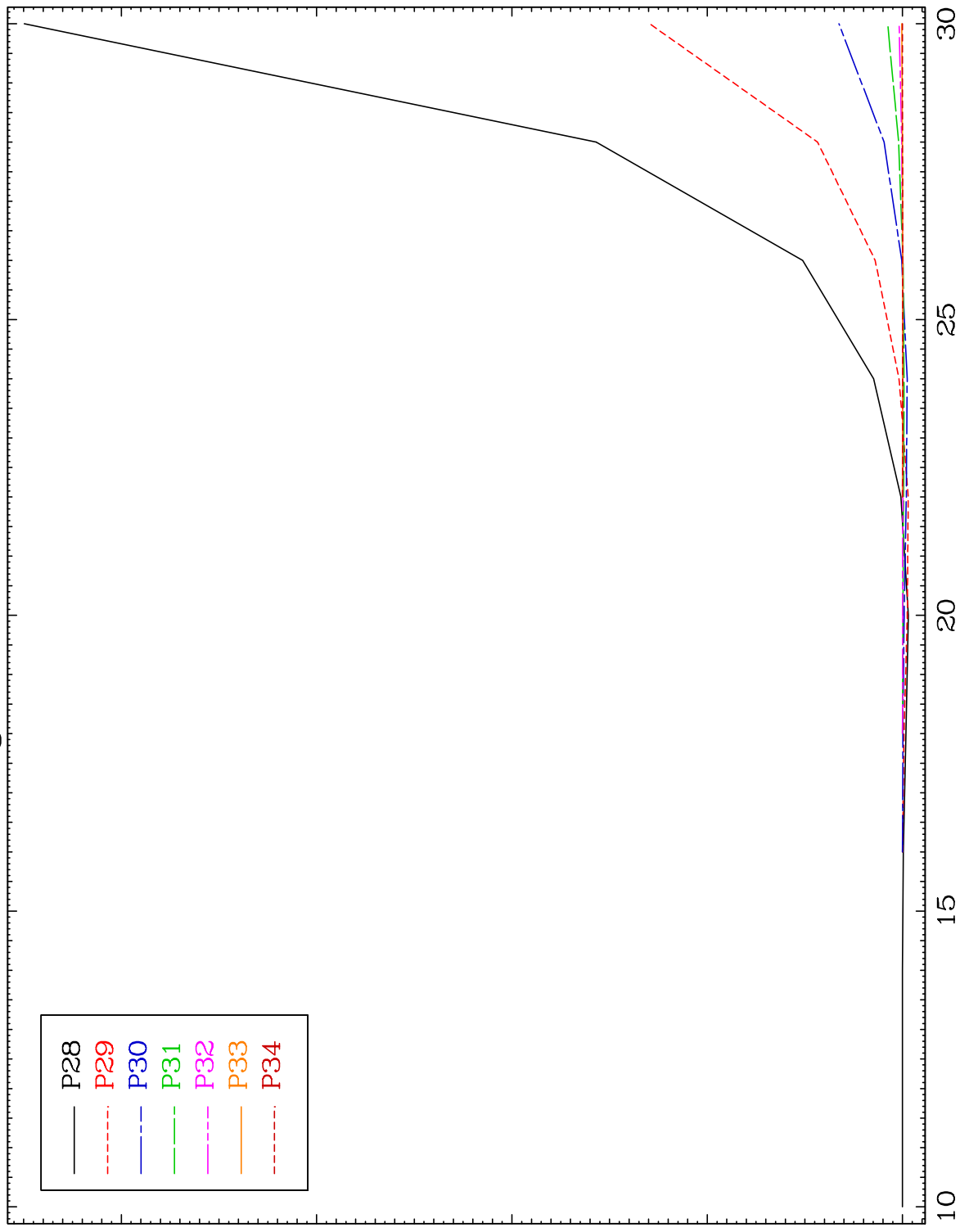
Elastic  
Legendre Coefficients

64-Gd-169



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

Incident Energy (MeV)

64-Gd-169

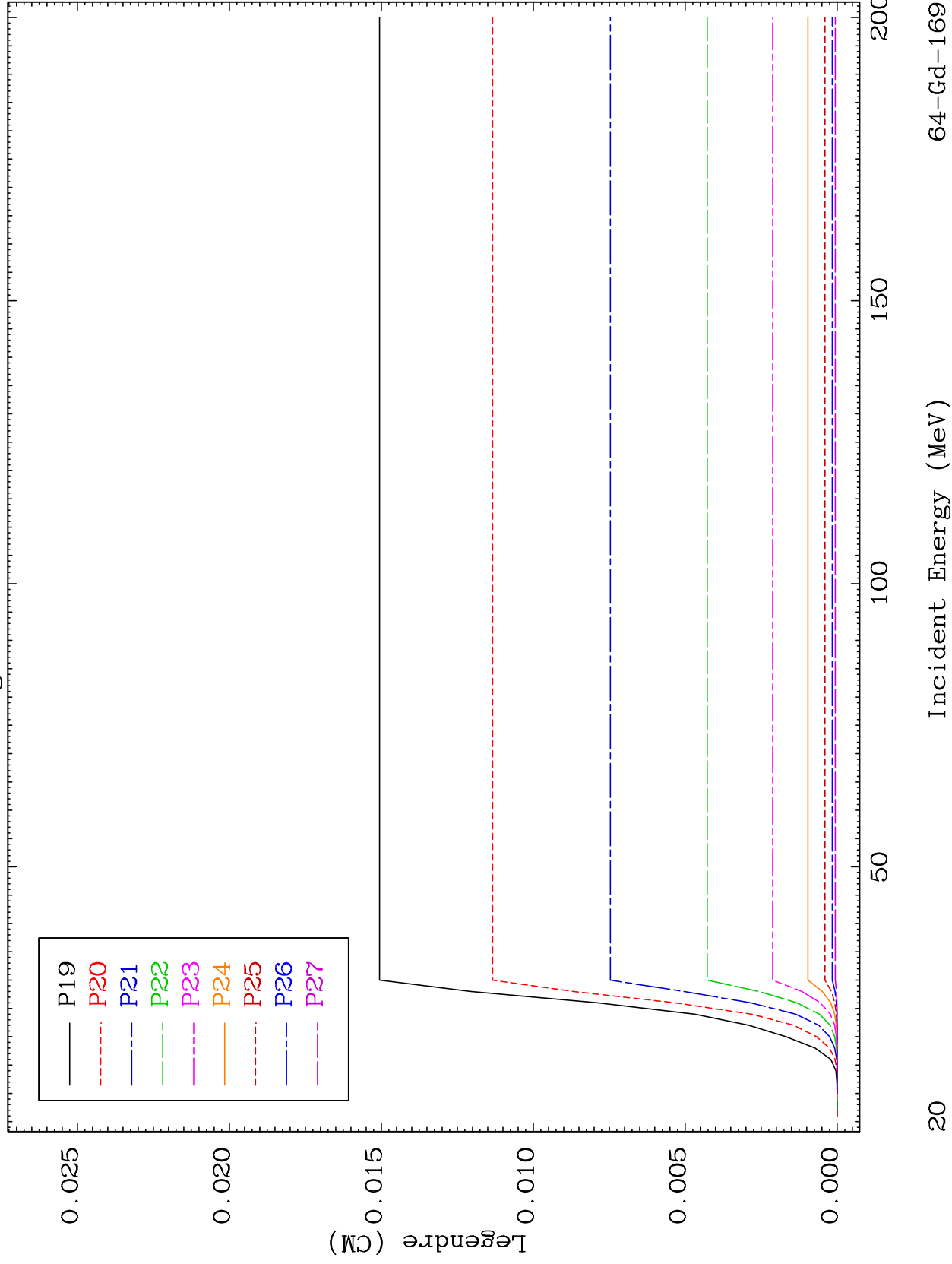




MAT 6476

153.8 keV (n, n') Level  
Legendre Coefficients

64-Gd-169



64-Gd-169

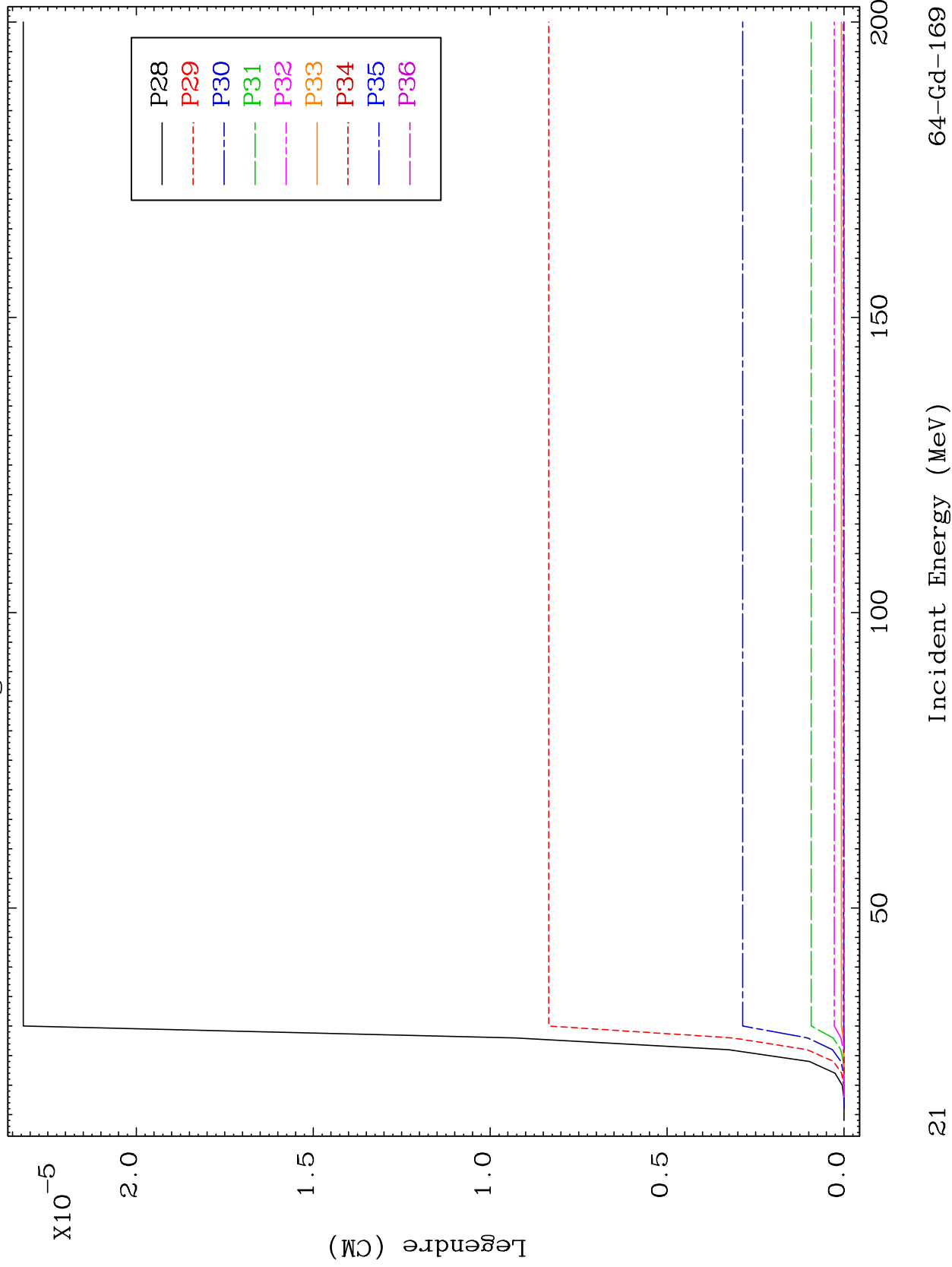
Incident Energy (MeV)

20

MAT 6476

153.8 keV (n,n') Level  
Legendre Coefficients

64-Gd-169



21