

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

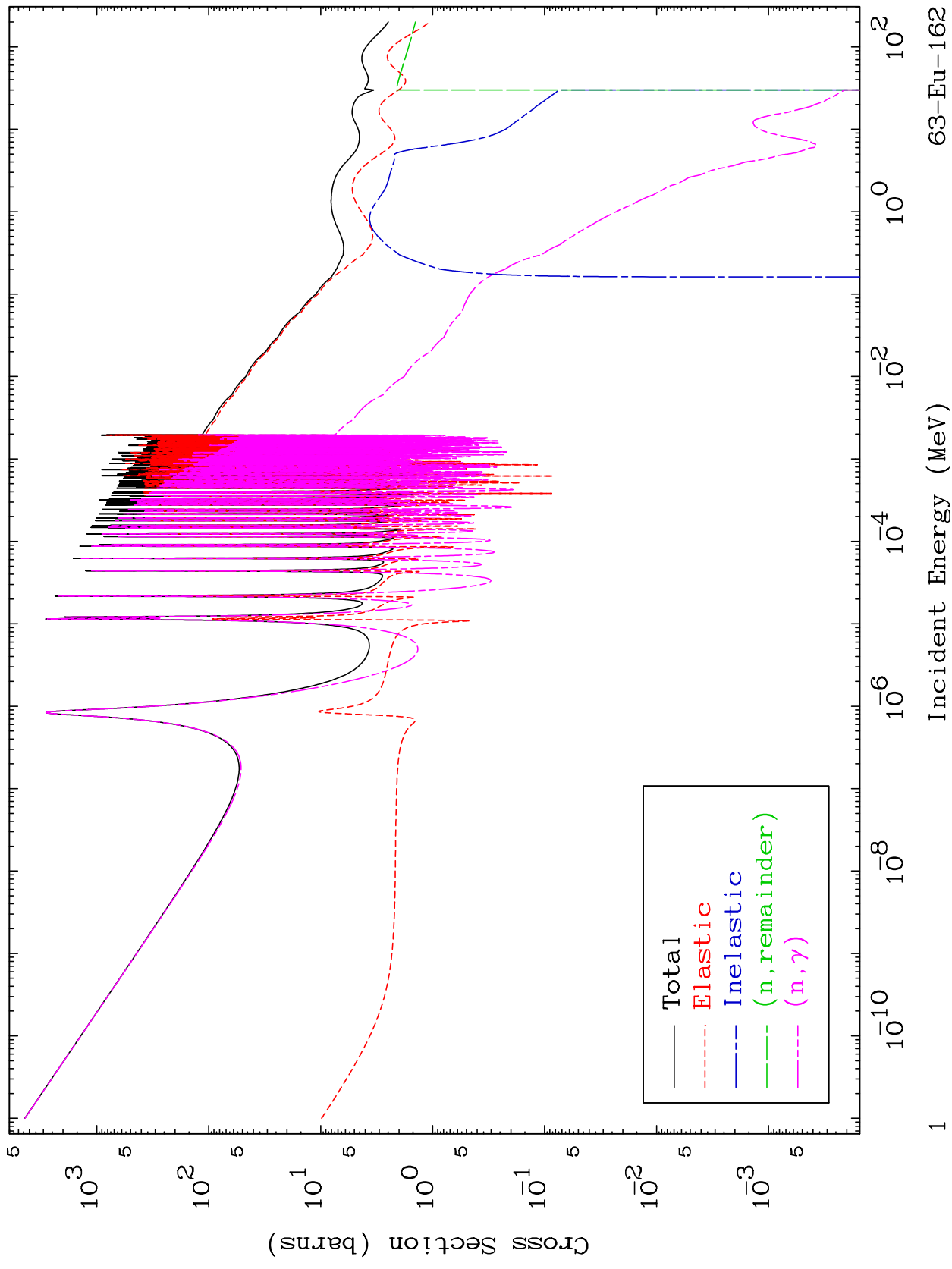
Press Mouse Button to Start

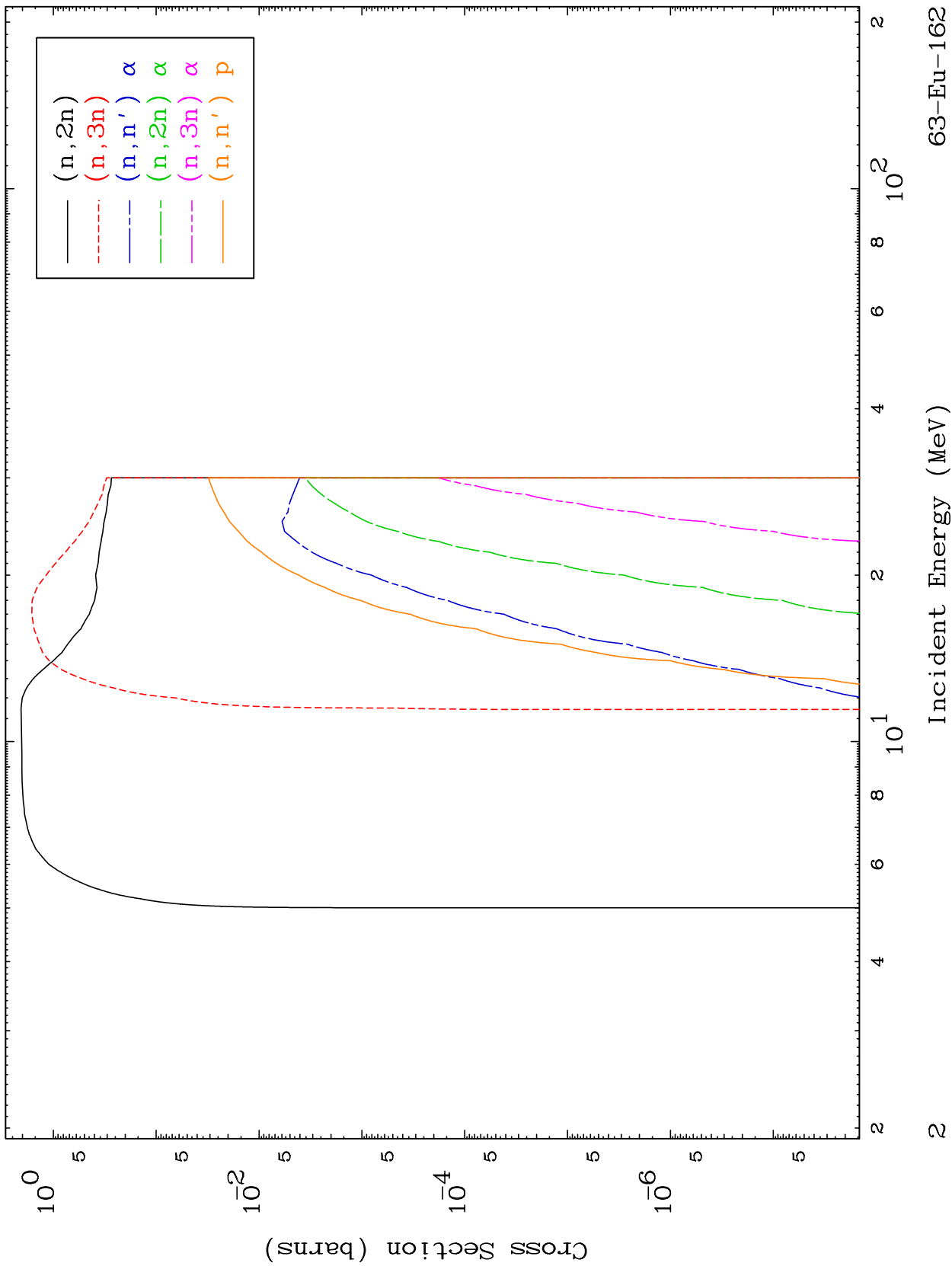
MAT 6358

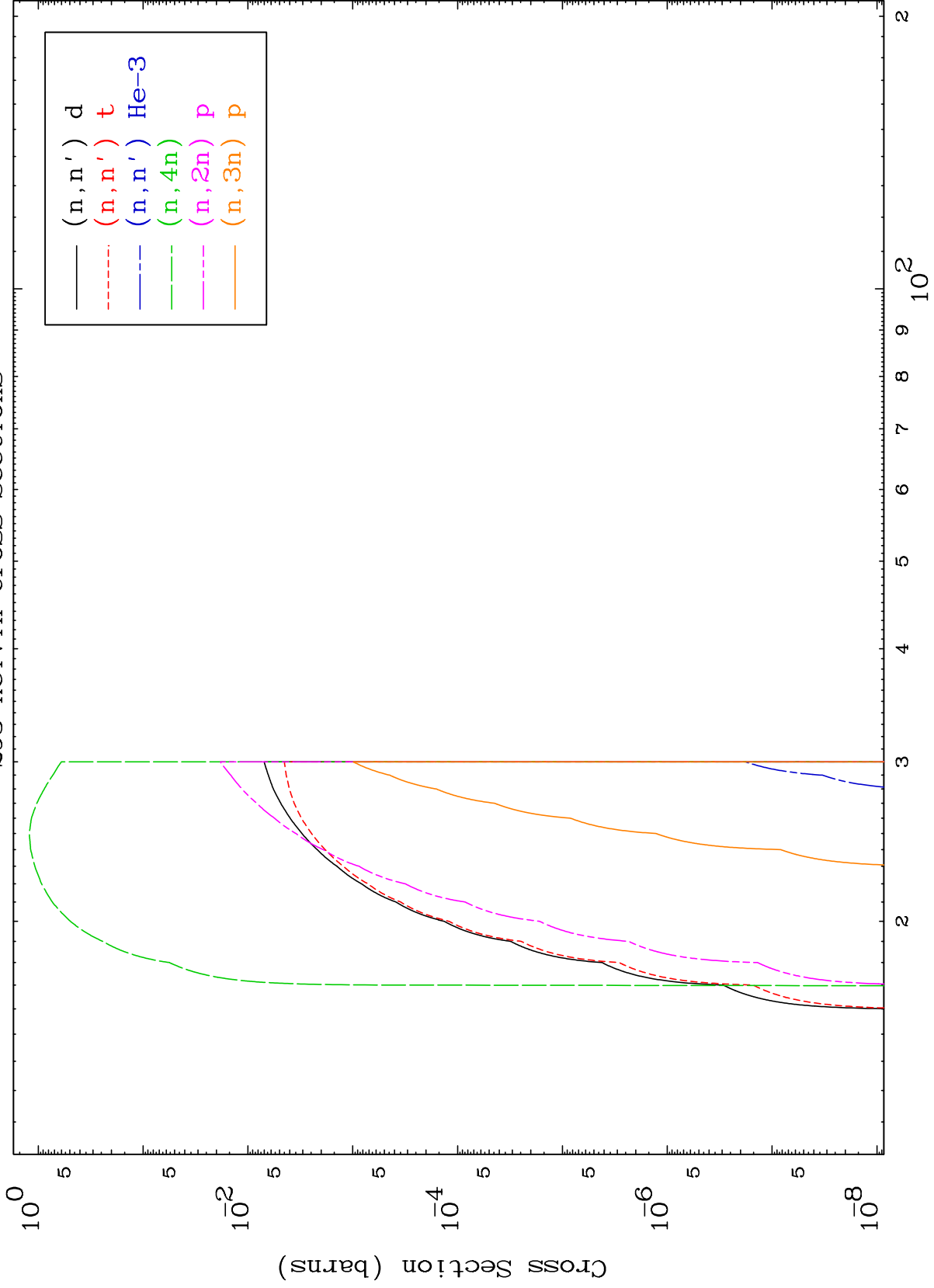
Major

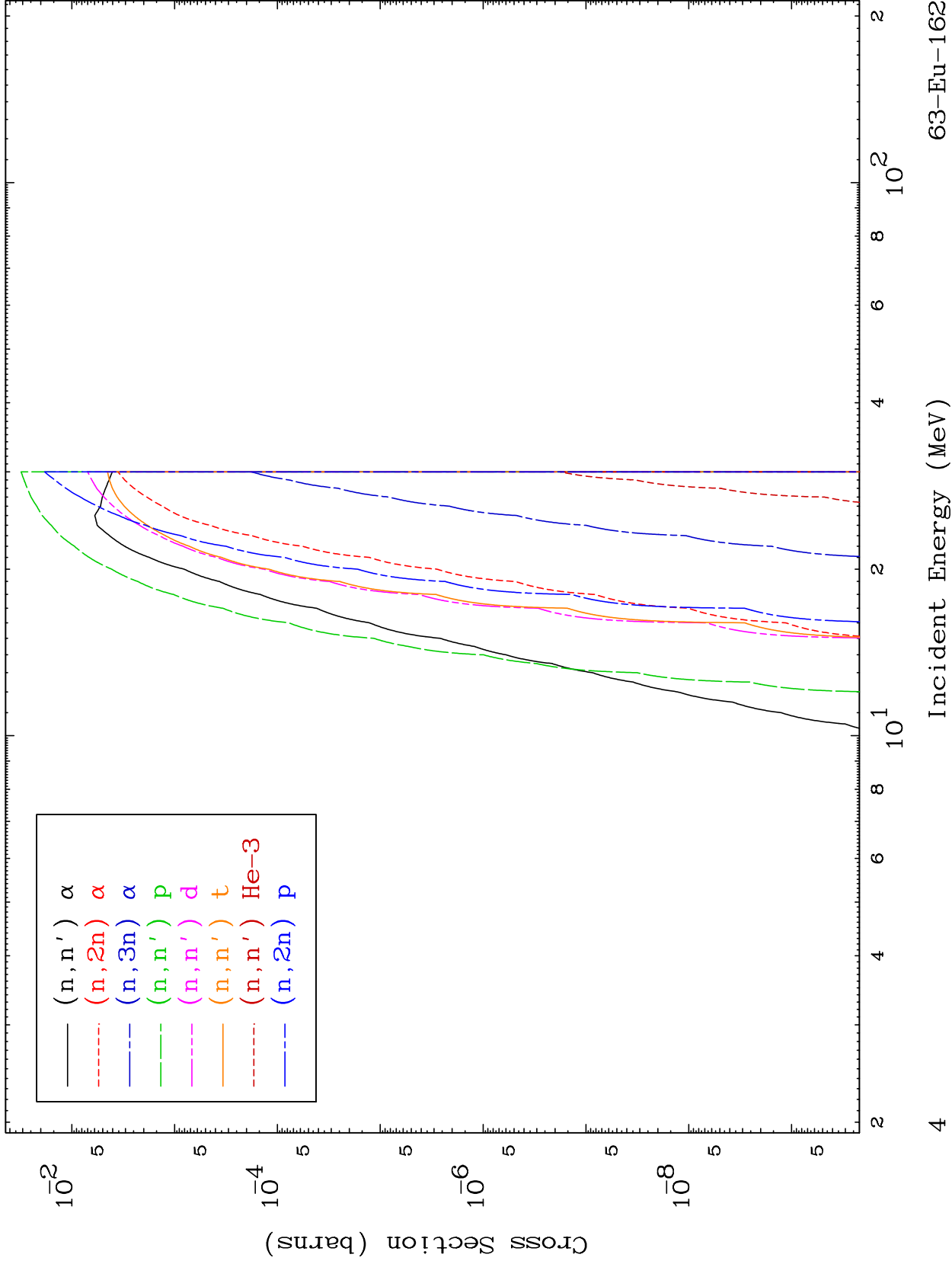
293 Kelvin Cross Sections

63-Eu-162





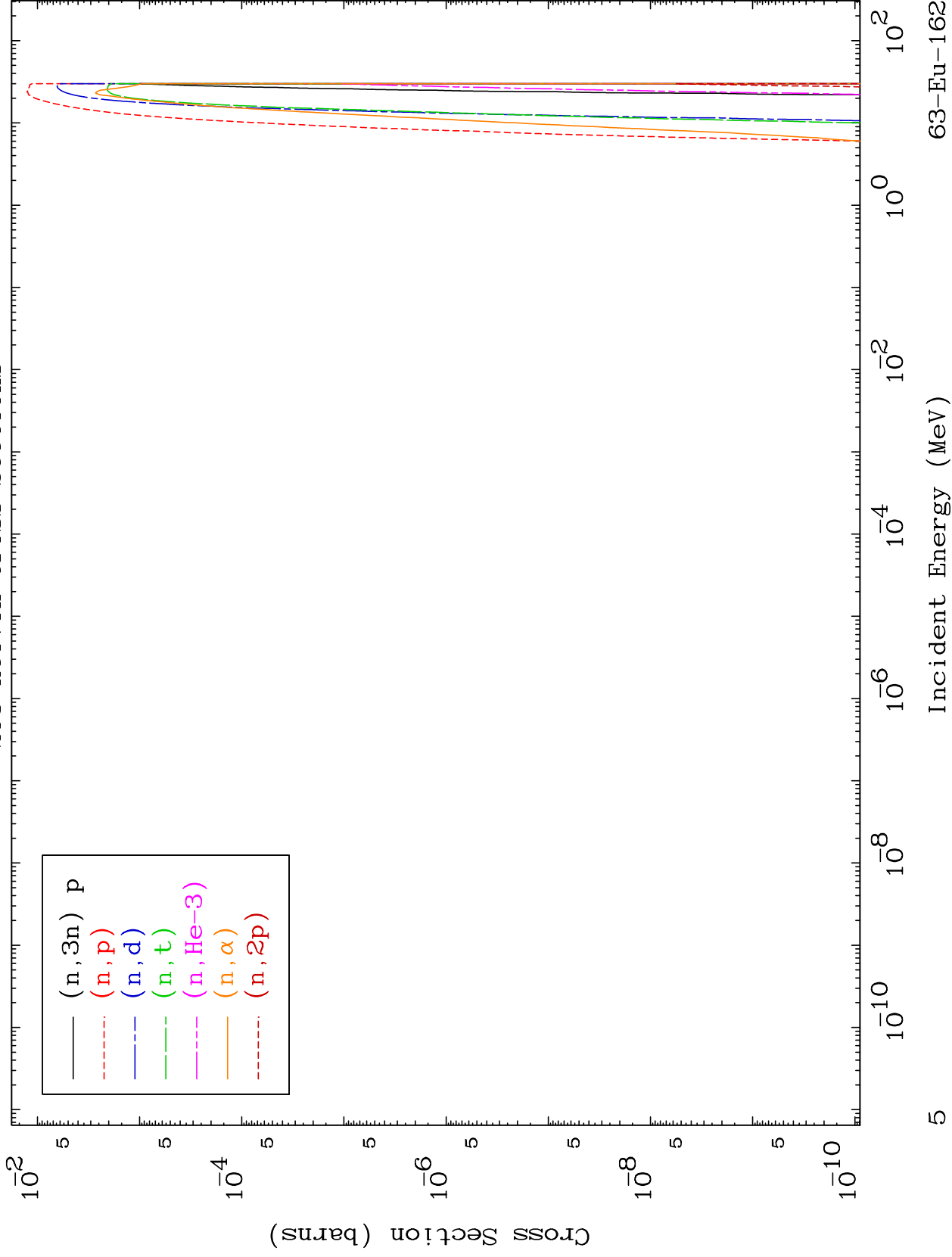




MAT 6358

Charged Particle  
293 Kelvin Cross Sections

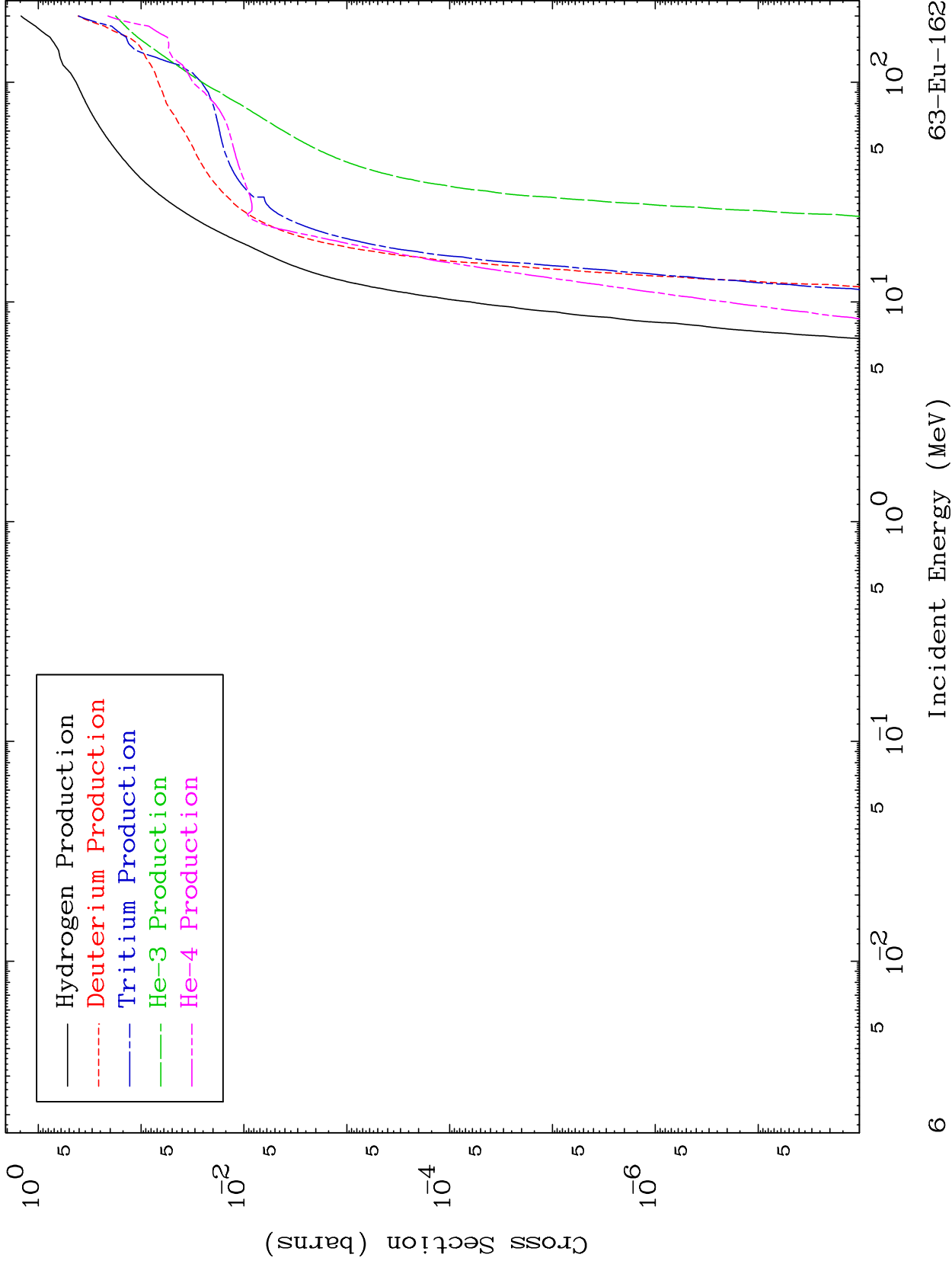
63-Eu-162



MAT 6358

Particle Production  
293 Kelvin Cross Sections

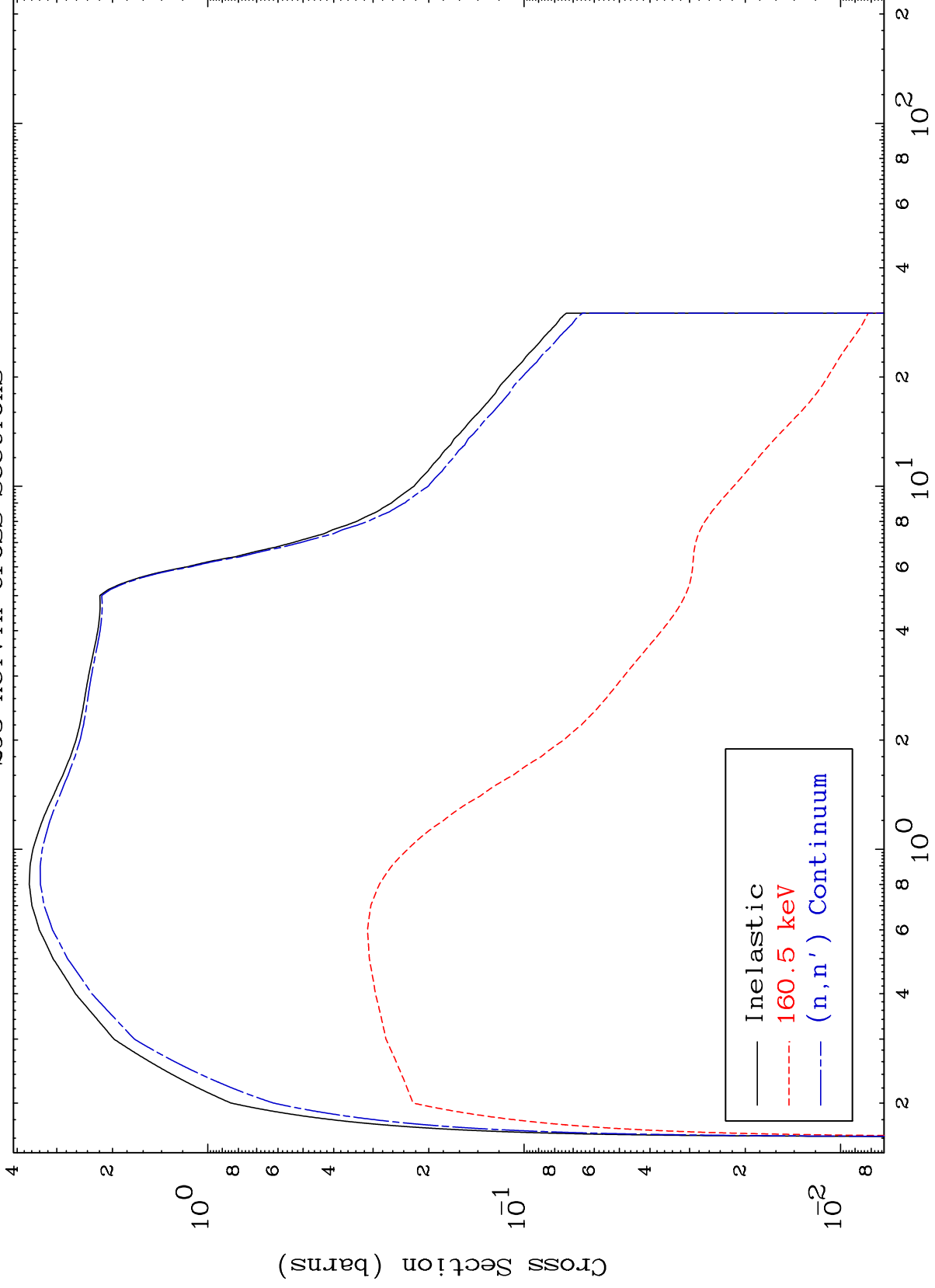
63-Eu-162



MAT 6358

(n,n') Level  
293 Kelvin Cross Sections

63-Eu-162

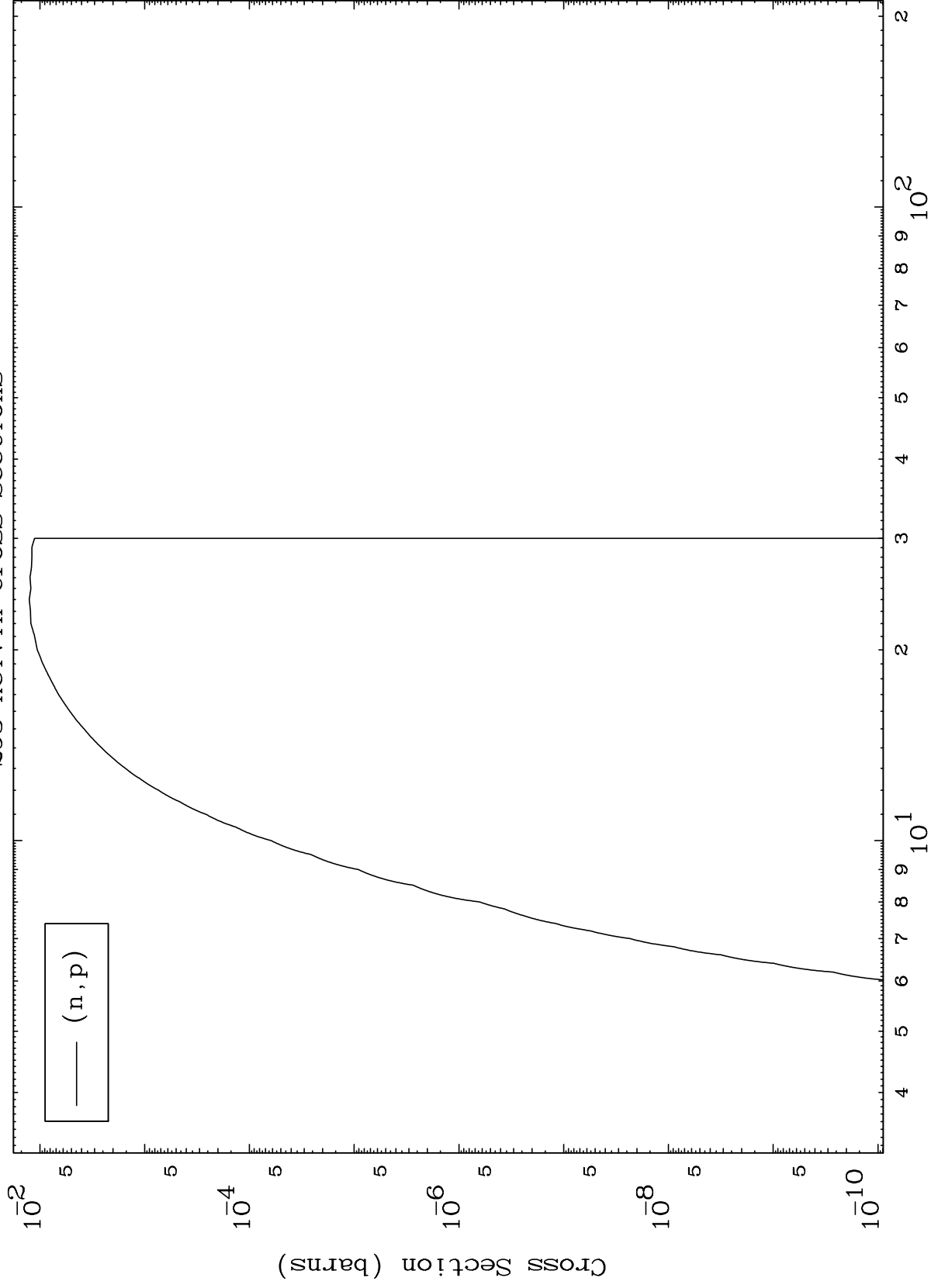




MAT 6358

(n,p) Levels  
293 Kelvin Cross Sections

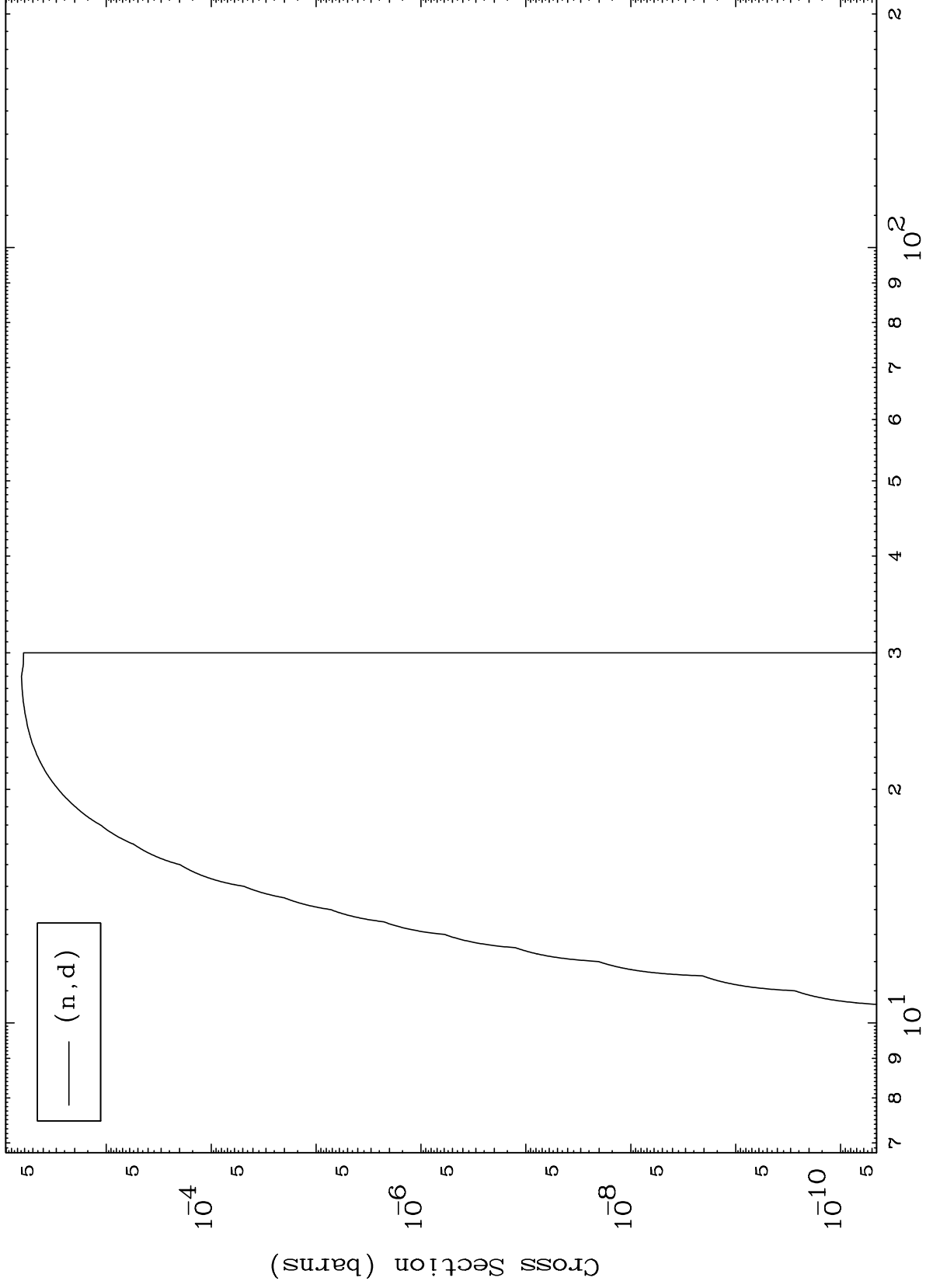
63-Eu-162



MAT 6358

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-162



9

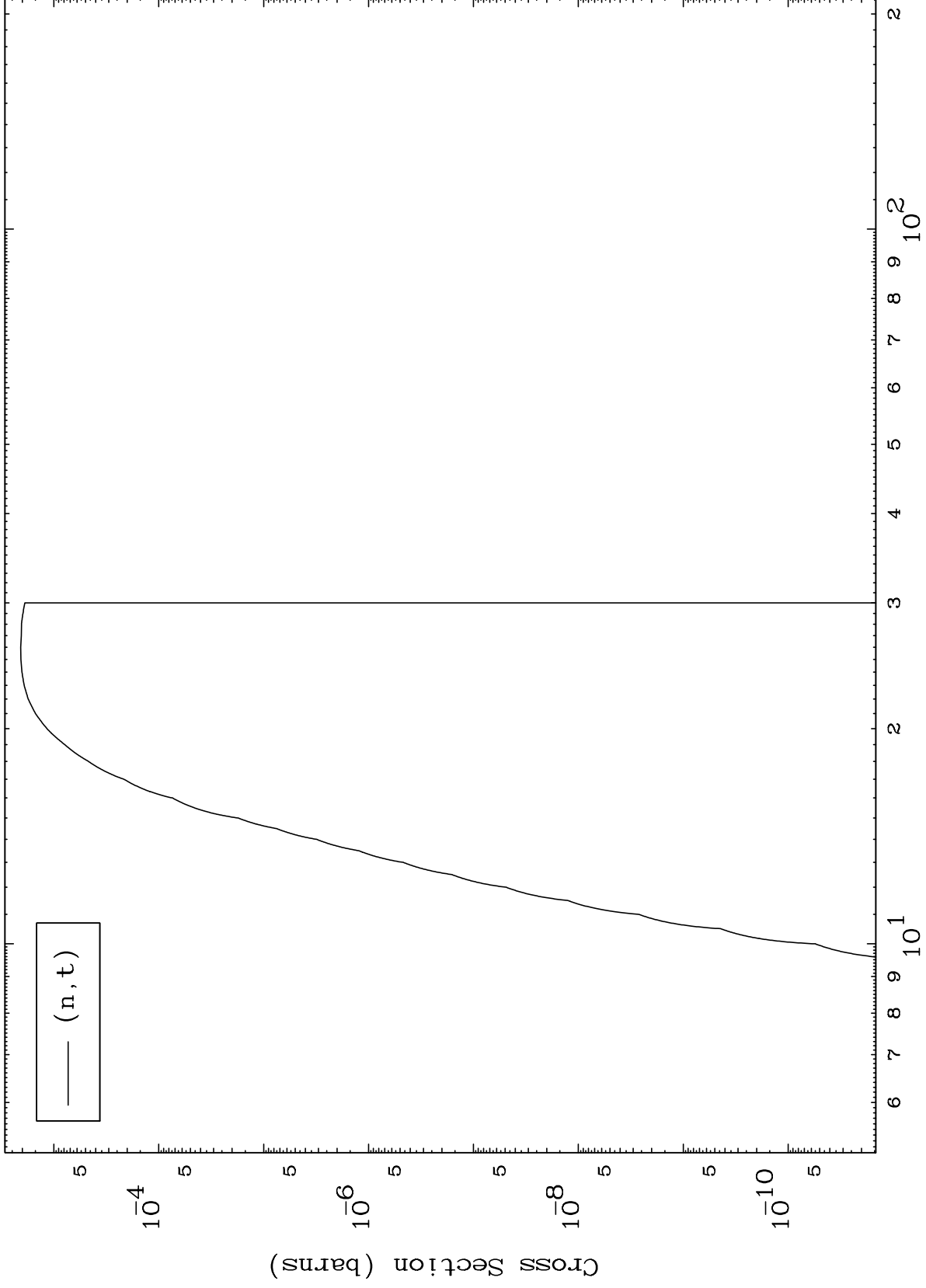
Incident Energy (MeV)

63-Eu-162

MAT 6358

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-162



10

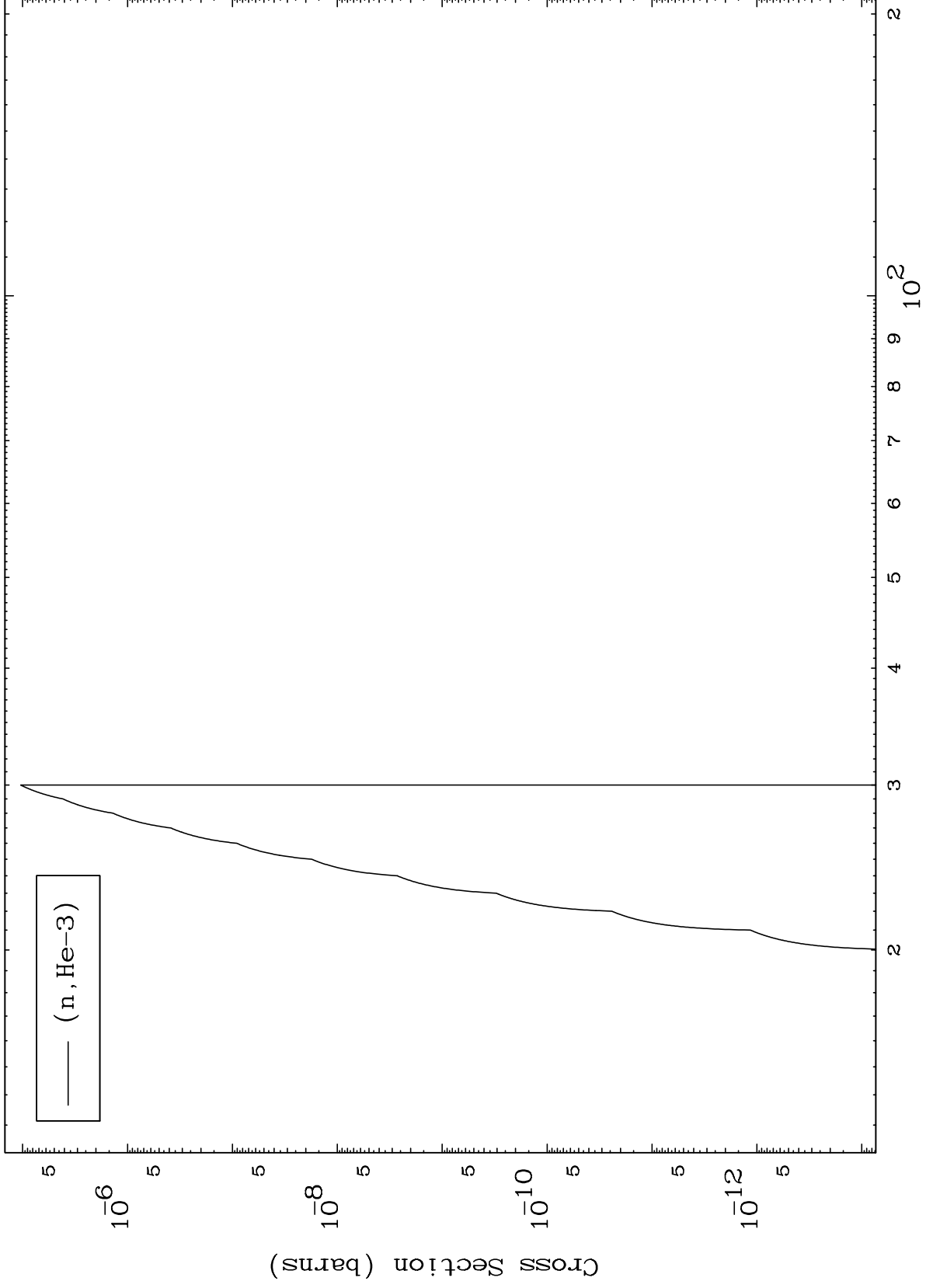
Incident Energy (MeV)

63-Eu-162

MAT 6358

(n,He3) Levels  
293 Kelvin Cross Sections

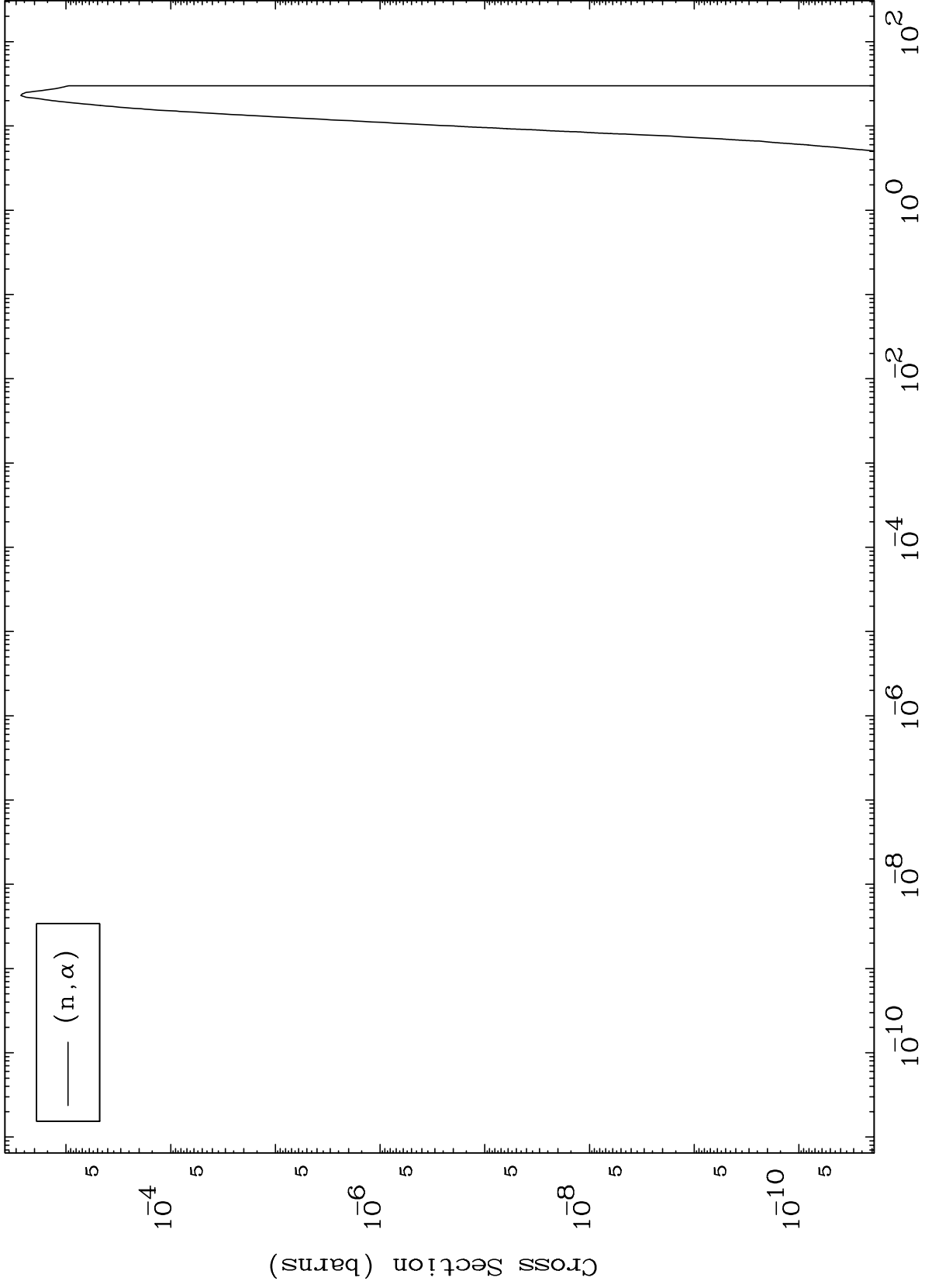
63-Eu-162



MAT 6358

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

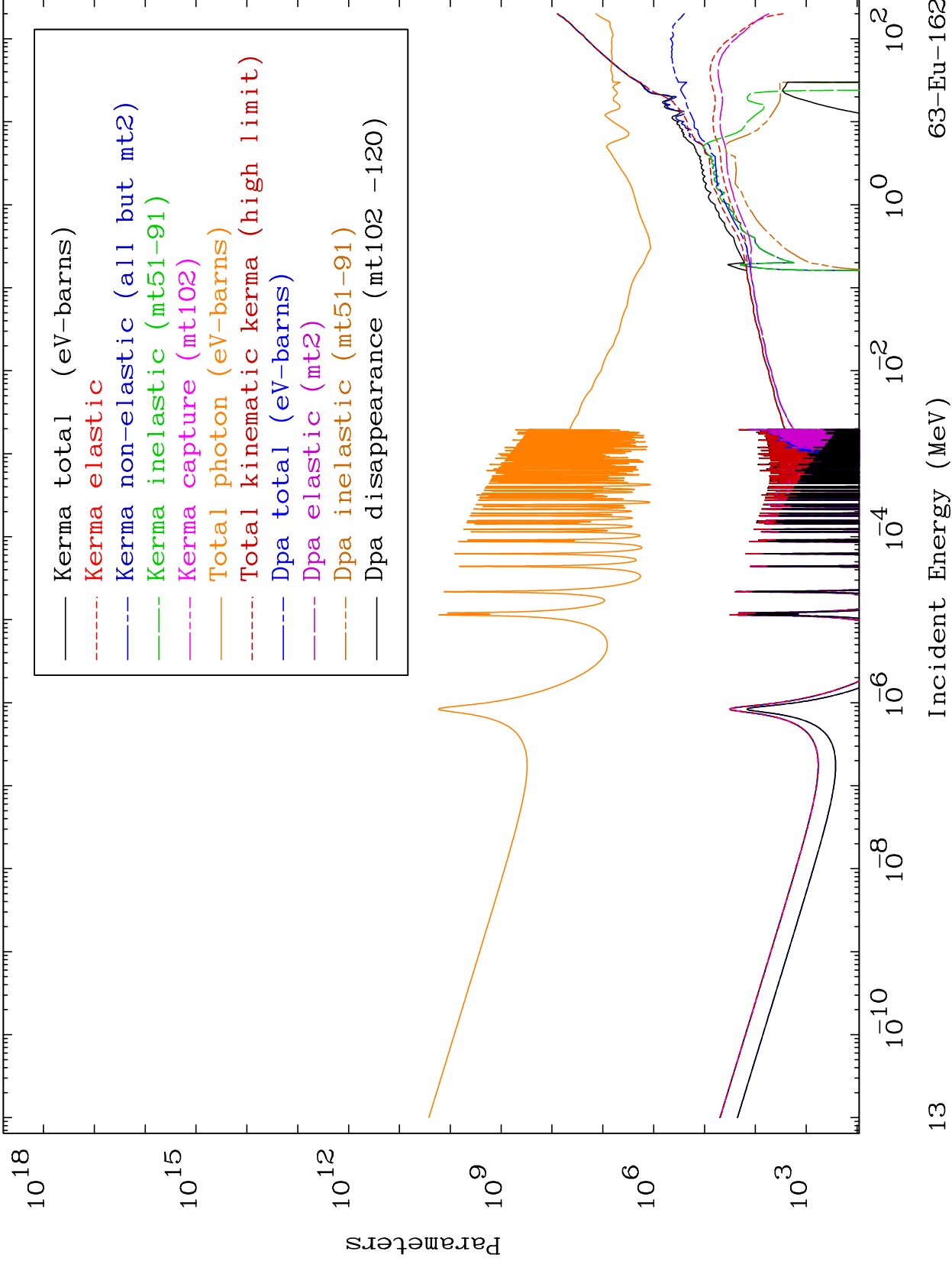
63-Eu-162



12

Incident Energy (MeV)

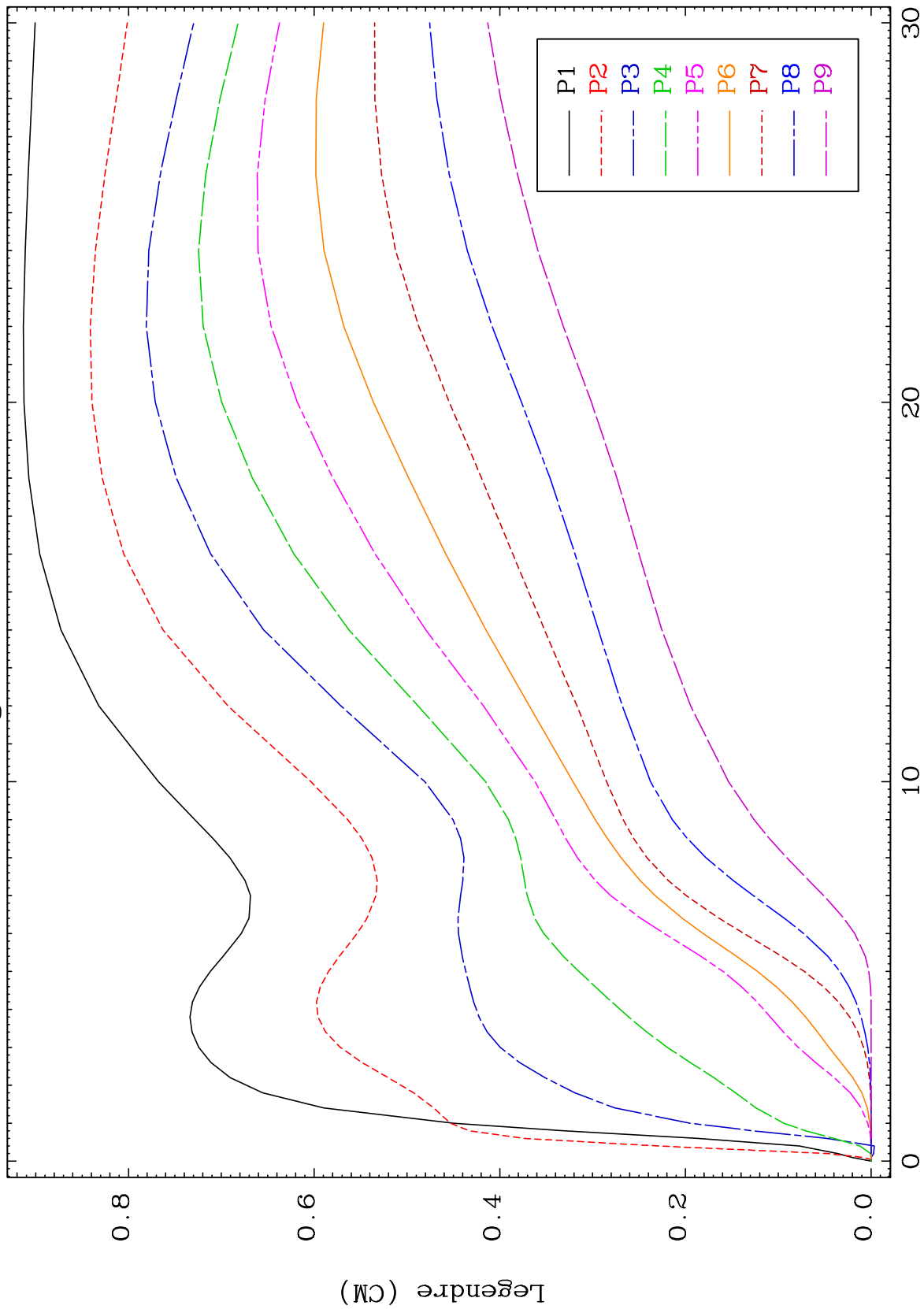
63-Eu-162



MAT 6358

Elastic Legendre Coefficients

63-Eu-162



14

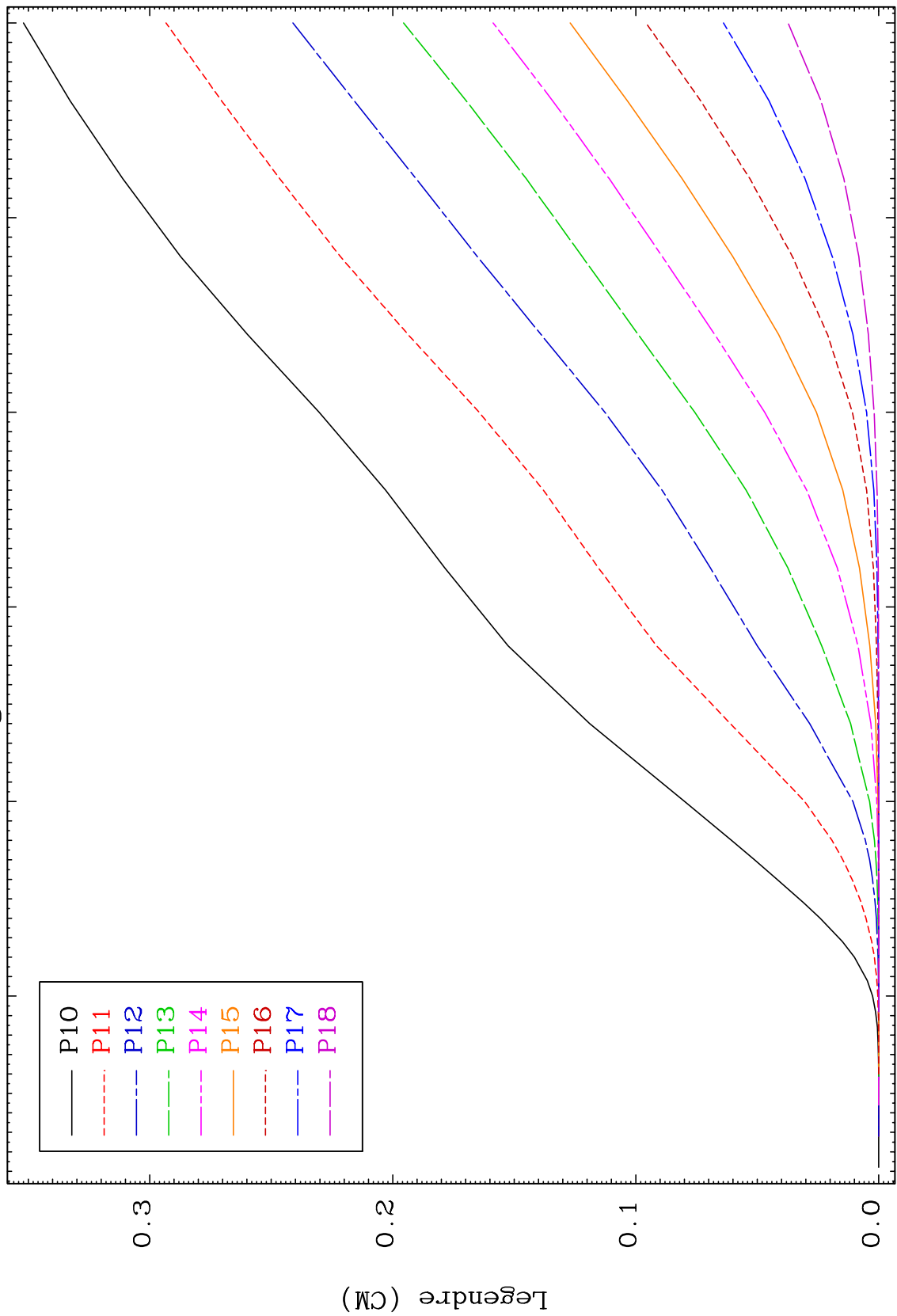
Incident Energy (MeV)

63-Eu-162

MAT 6358

Elastic Legendre Coefficients

63-Eu-162



15

Incident Energy (MeV)

63-Eu-162

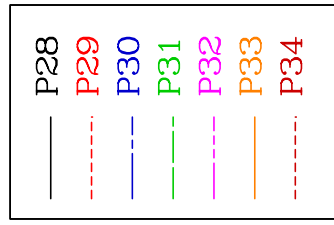




MAT 6358

Elastic Legendre Coefficients

63-Eu-162



$\times 10^{-6}$

Legendre (CM)

10

15

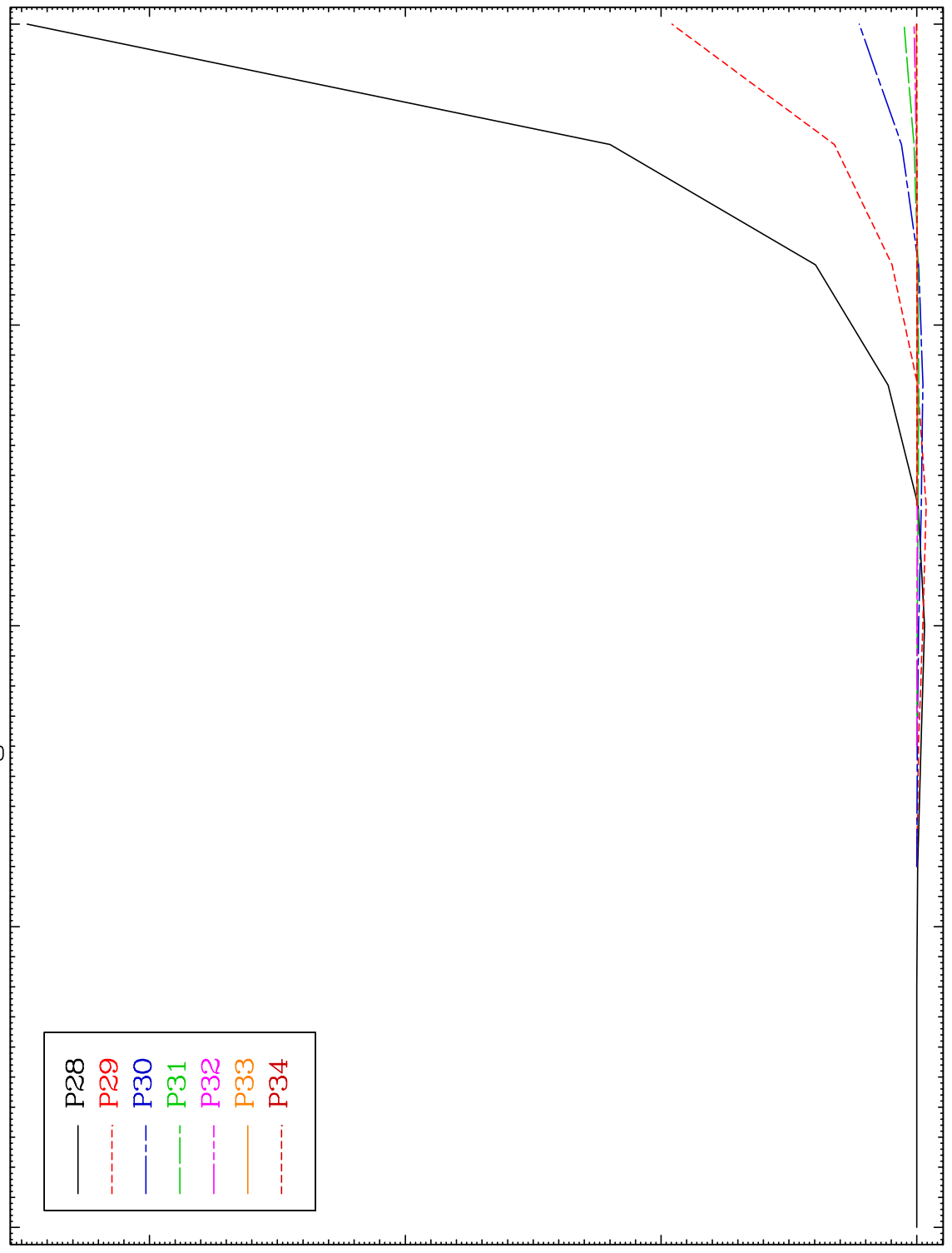
20

25

30

Incident Energy (MeV)

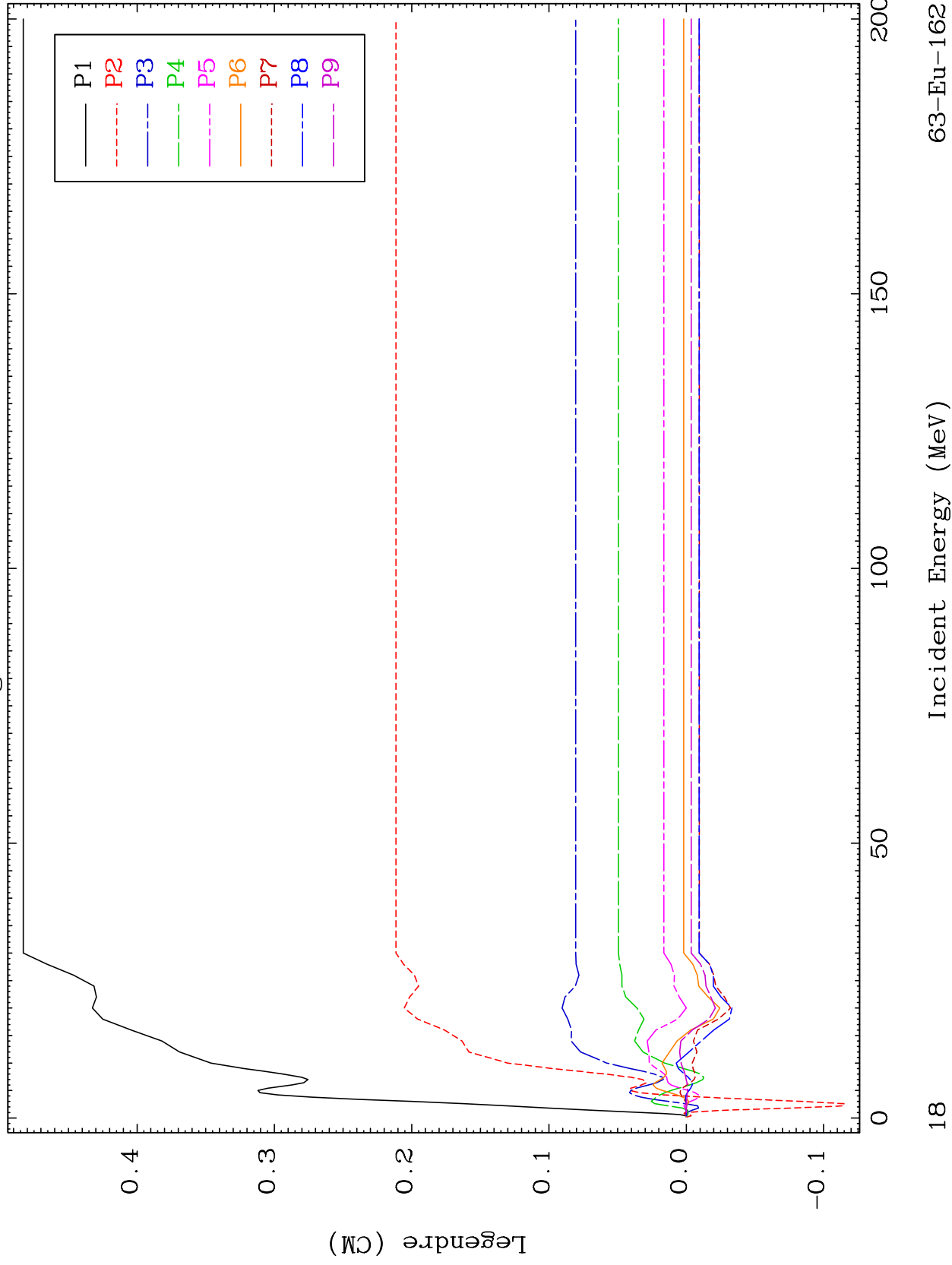
63-Eu-162



MAT 6358

160.5 keV (n,n') Level  
Legendre Coefficients

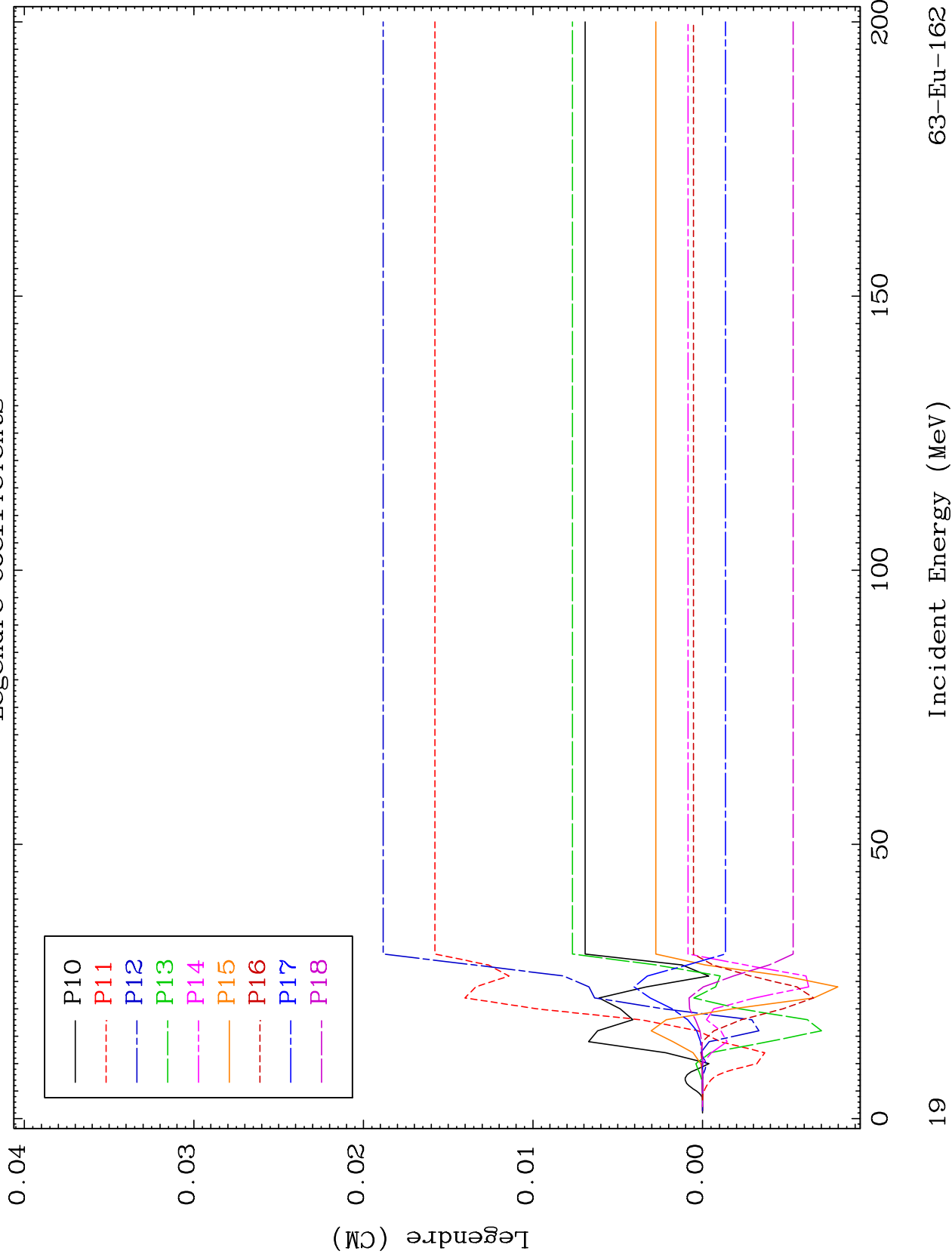
63-Eu-162



MAT 6358

160.5 keV (n,n') Level  
Legendre Coefficients

63-Eu-162



19

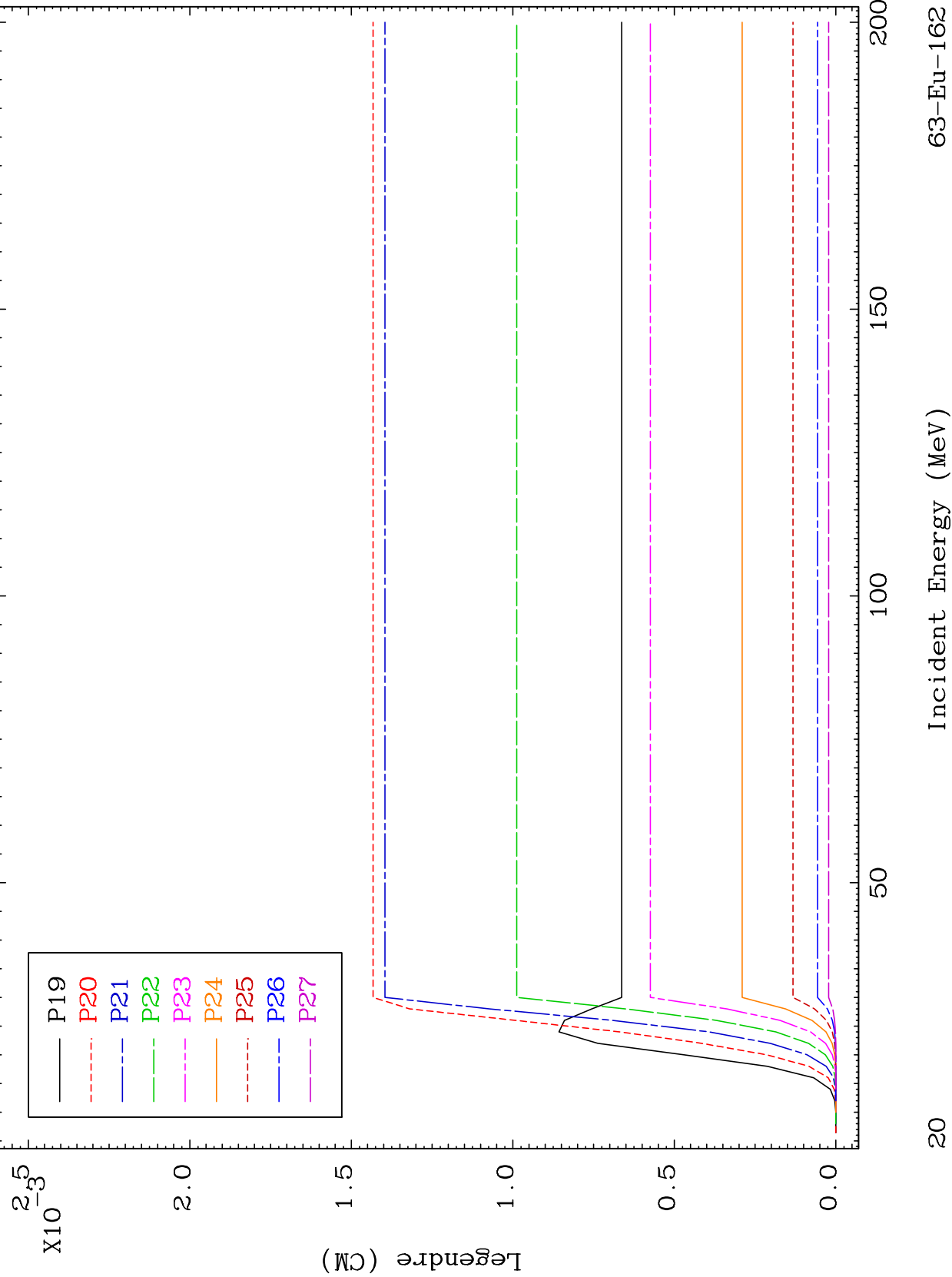
Incident Energy (MeV)

63-Eu-162

MAT 6358

160.5 keV (n, n') Level  
Legendre Coefficients

63-Eu-162



63-Eu-162

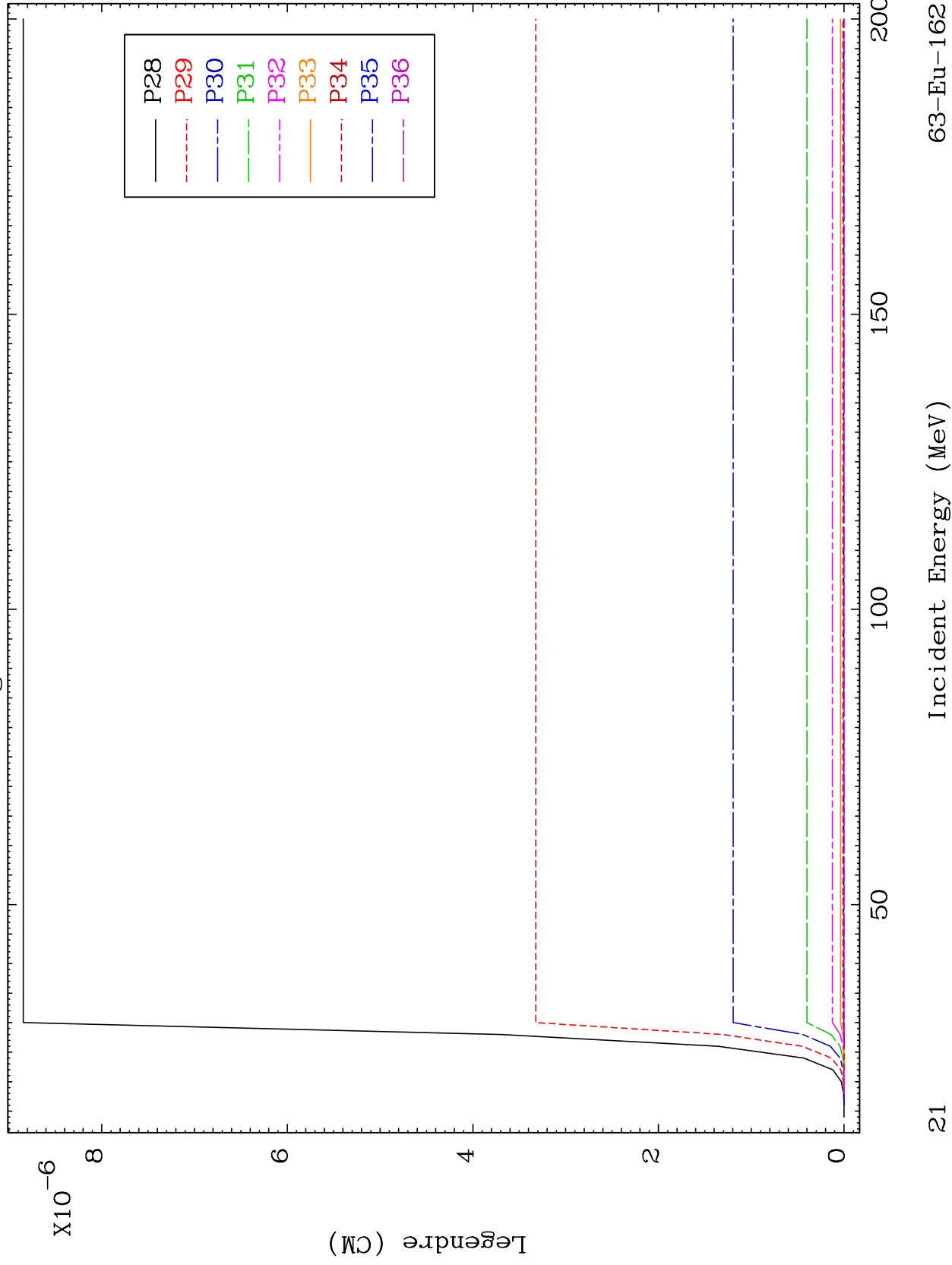
Incident Energy (MeV)

20

MAT 6358

160.5 keV (n,n') Level  
Legendre Coefficients

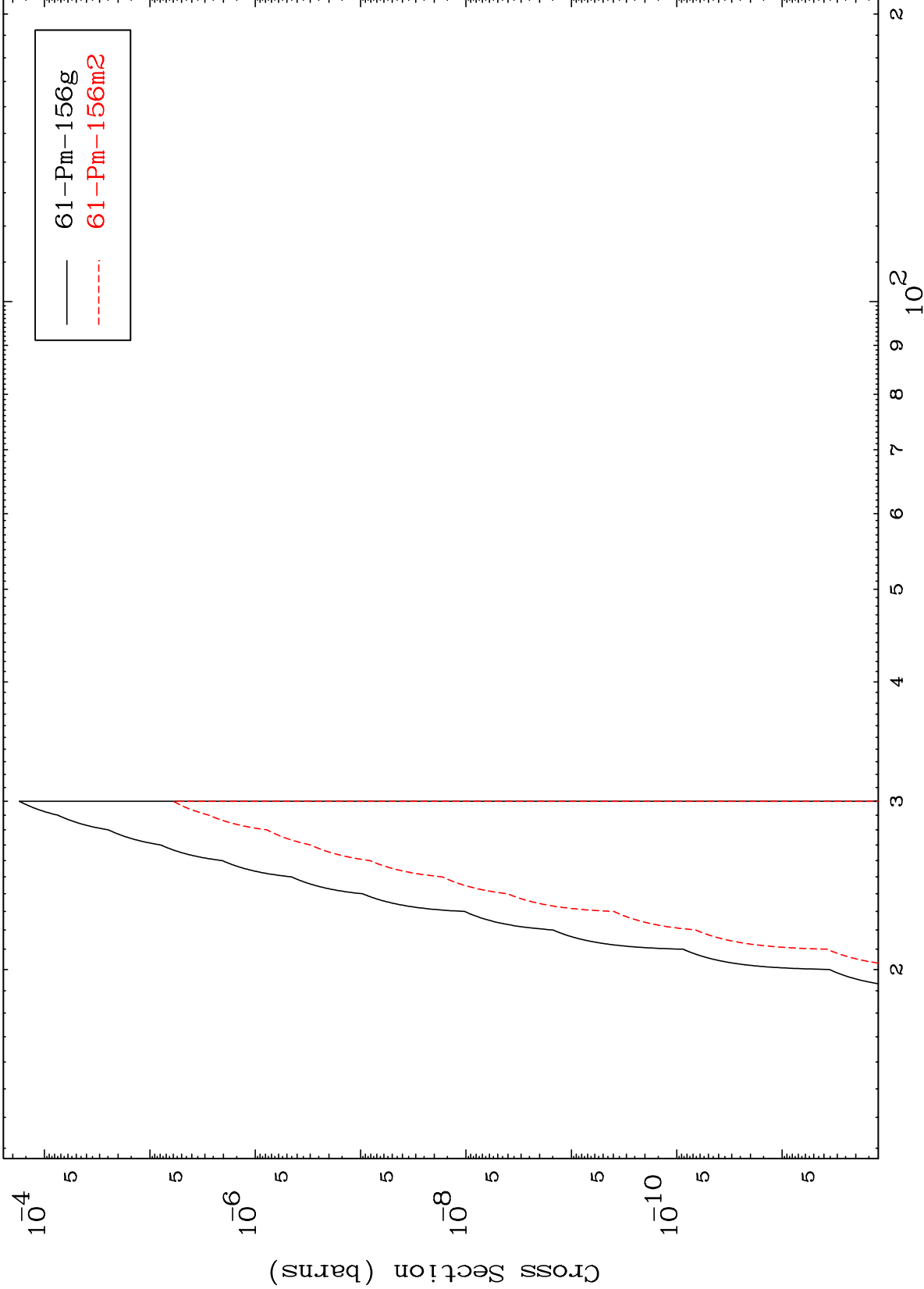
63-Eu-162



21

63-Eu-162

Radionuclide Production Cross Section



61-Pm-156g  
61-Pm-156m2