

Program EVALPLOT  
(Version 2018-1)

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

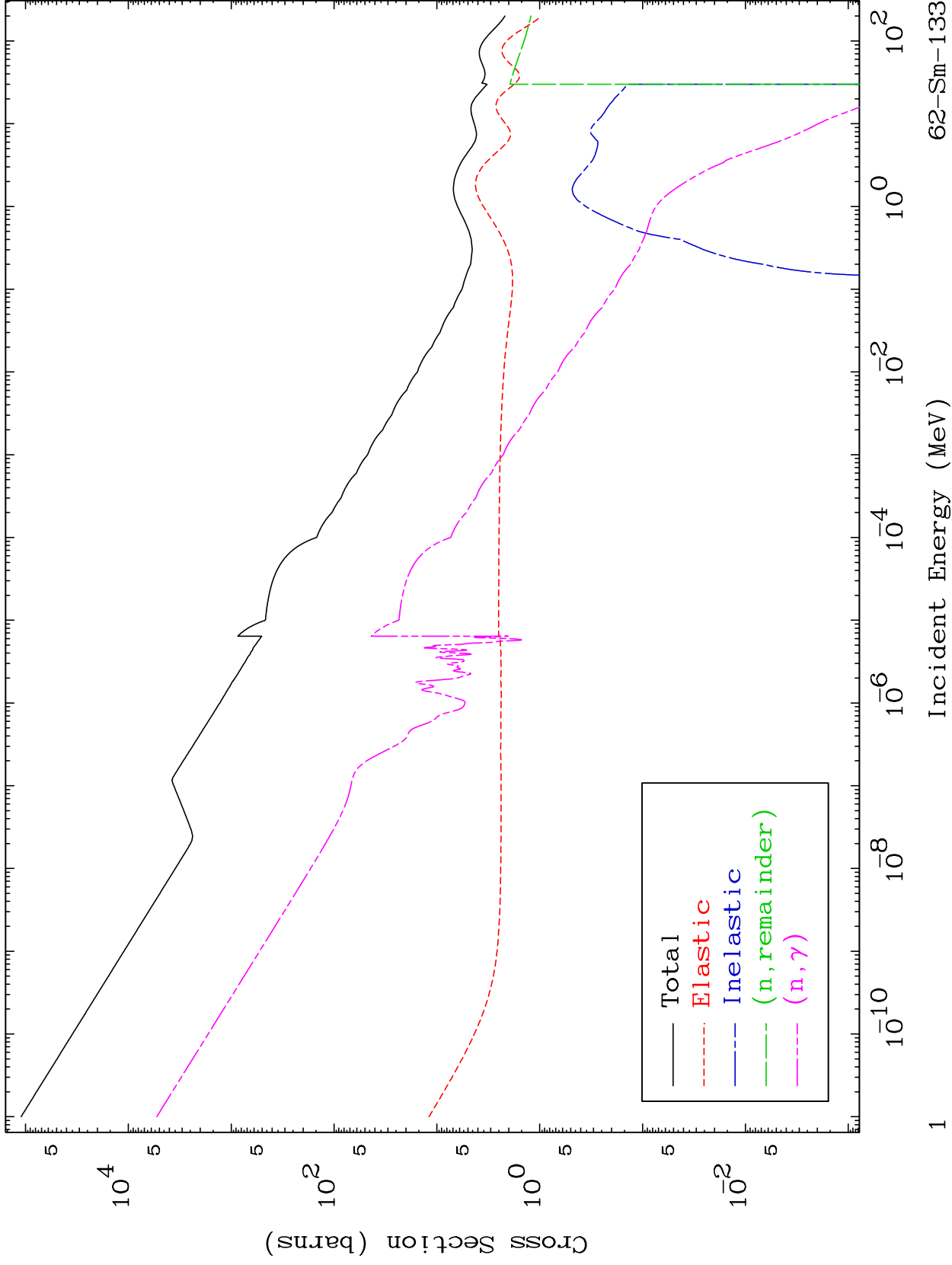
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6192

Major  
293 Kelvin Cross Sections

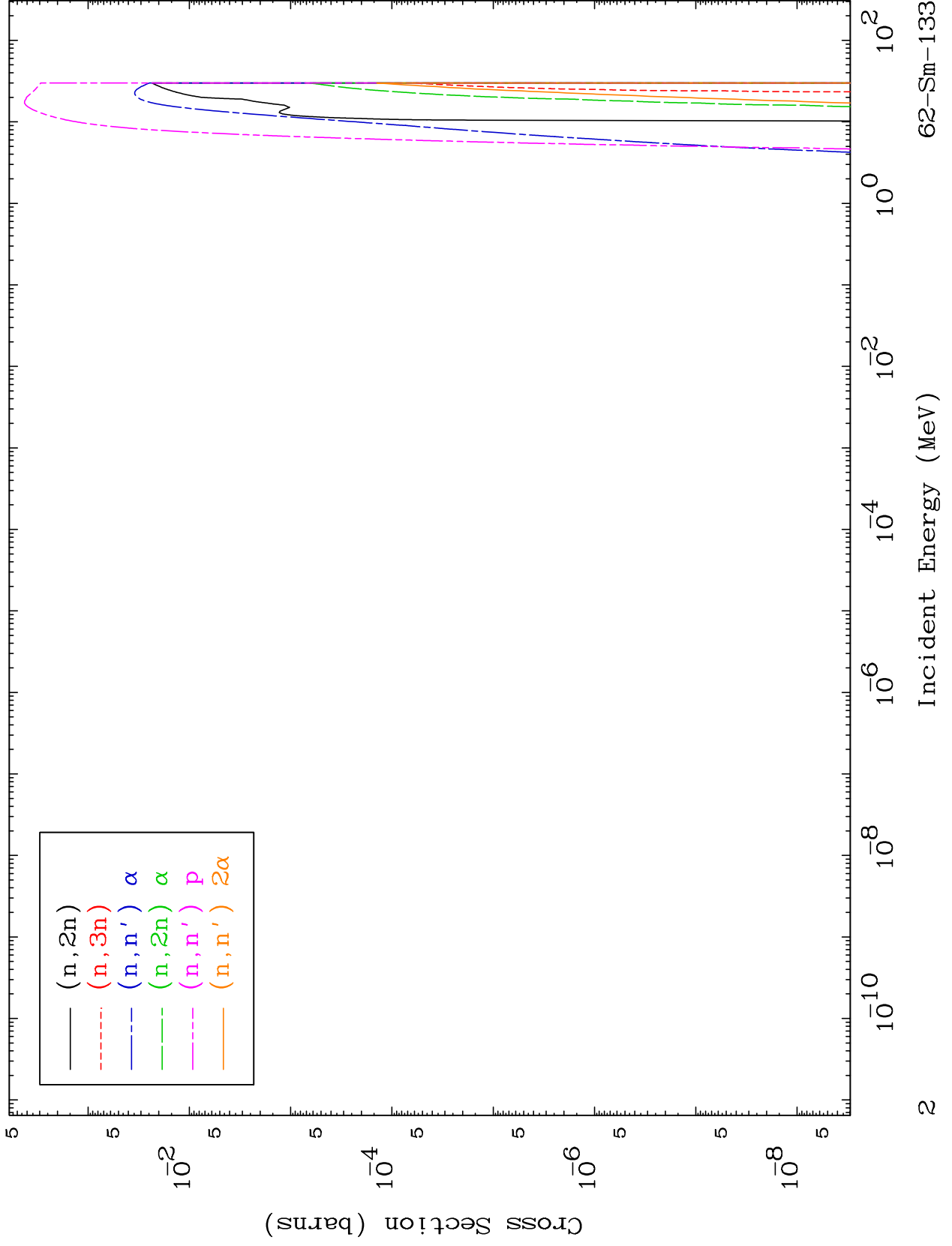
62-Sm-133

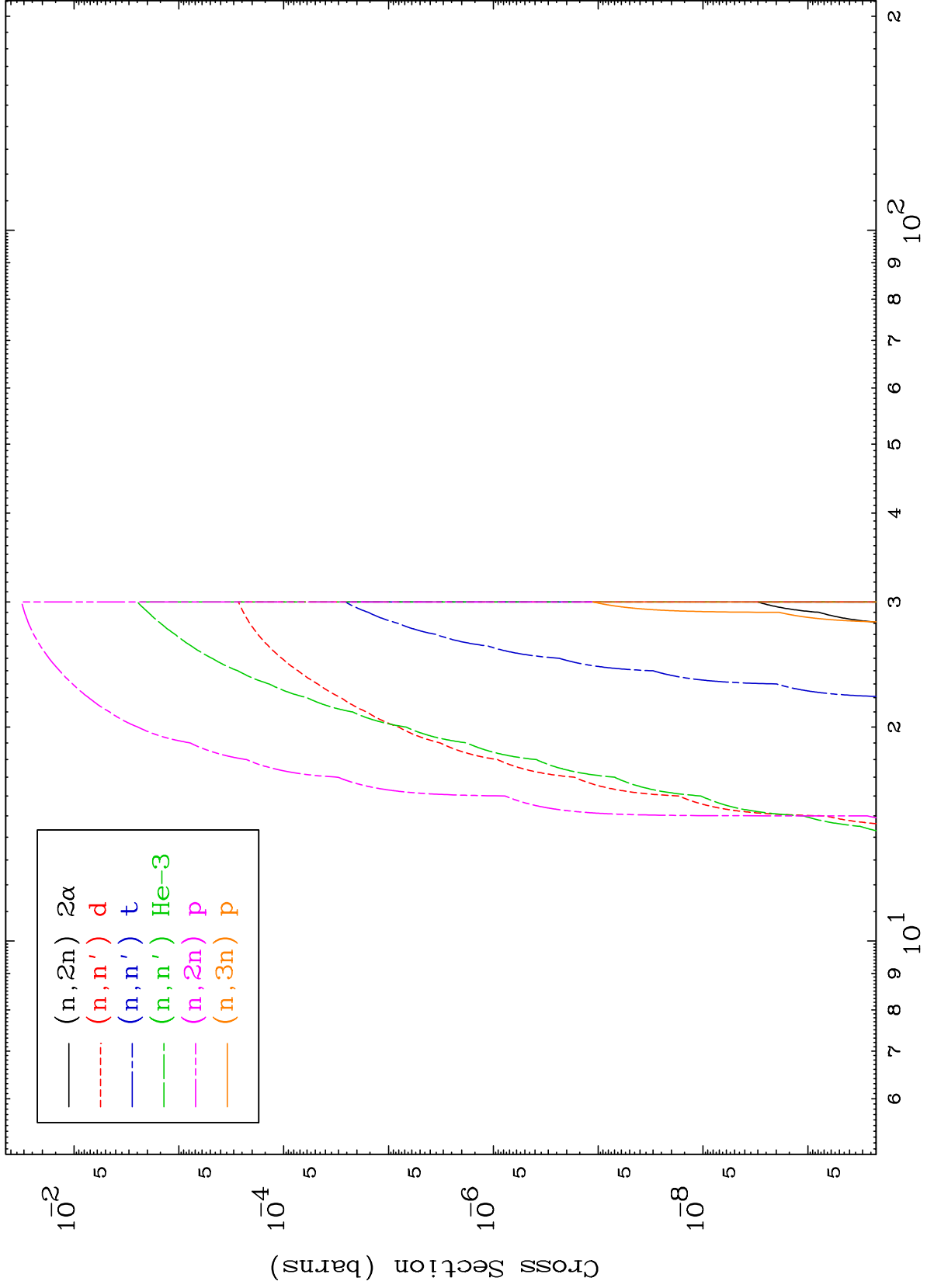


MAT 6192

Neutron Production  
293 Kelvin Cross Sections

62-Sm-133

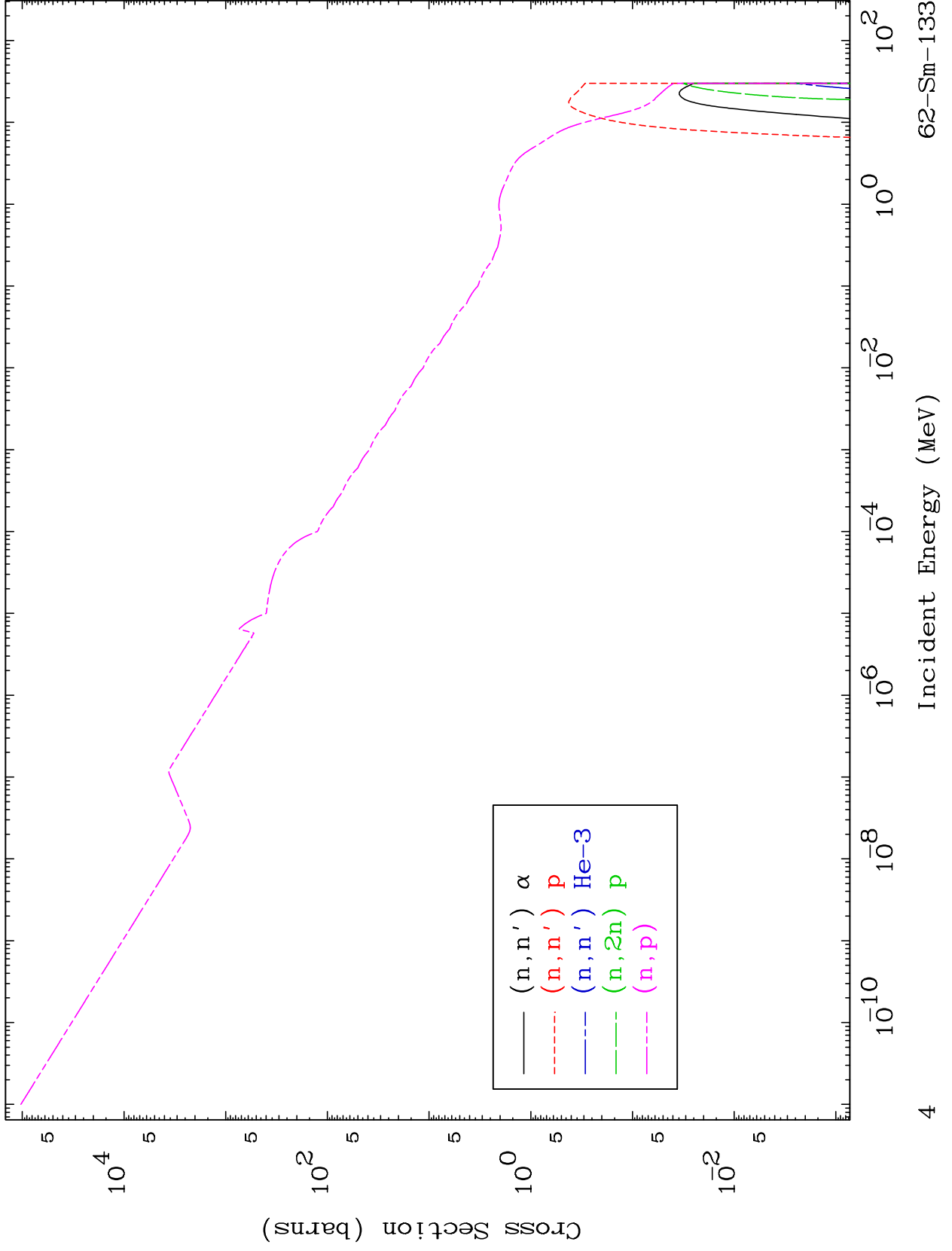




MAT 6192

Charged Particle  
293 Kelvin Cross Sections

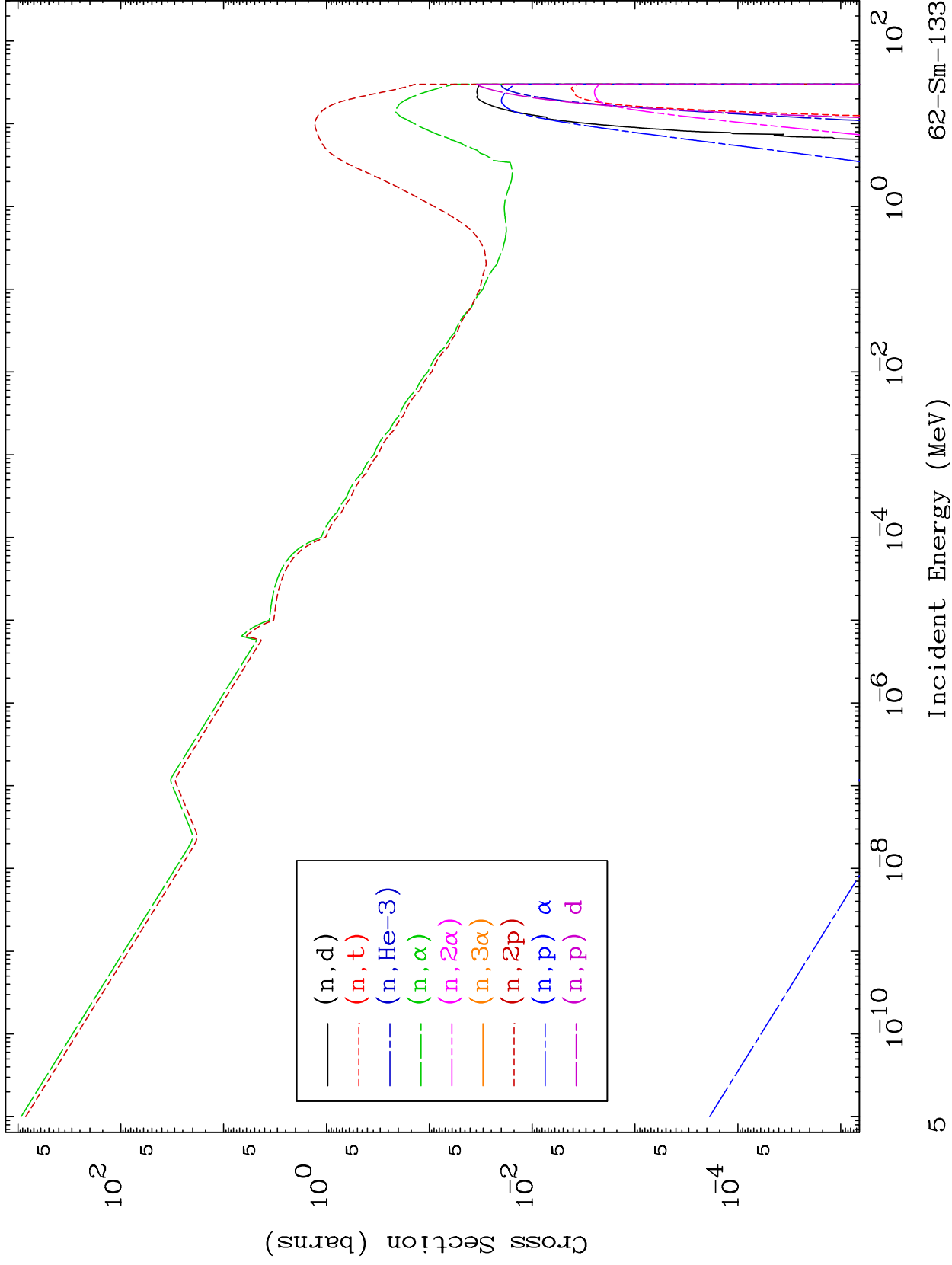
62-Sm-133

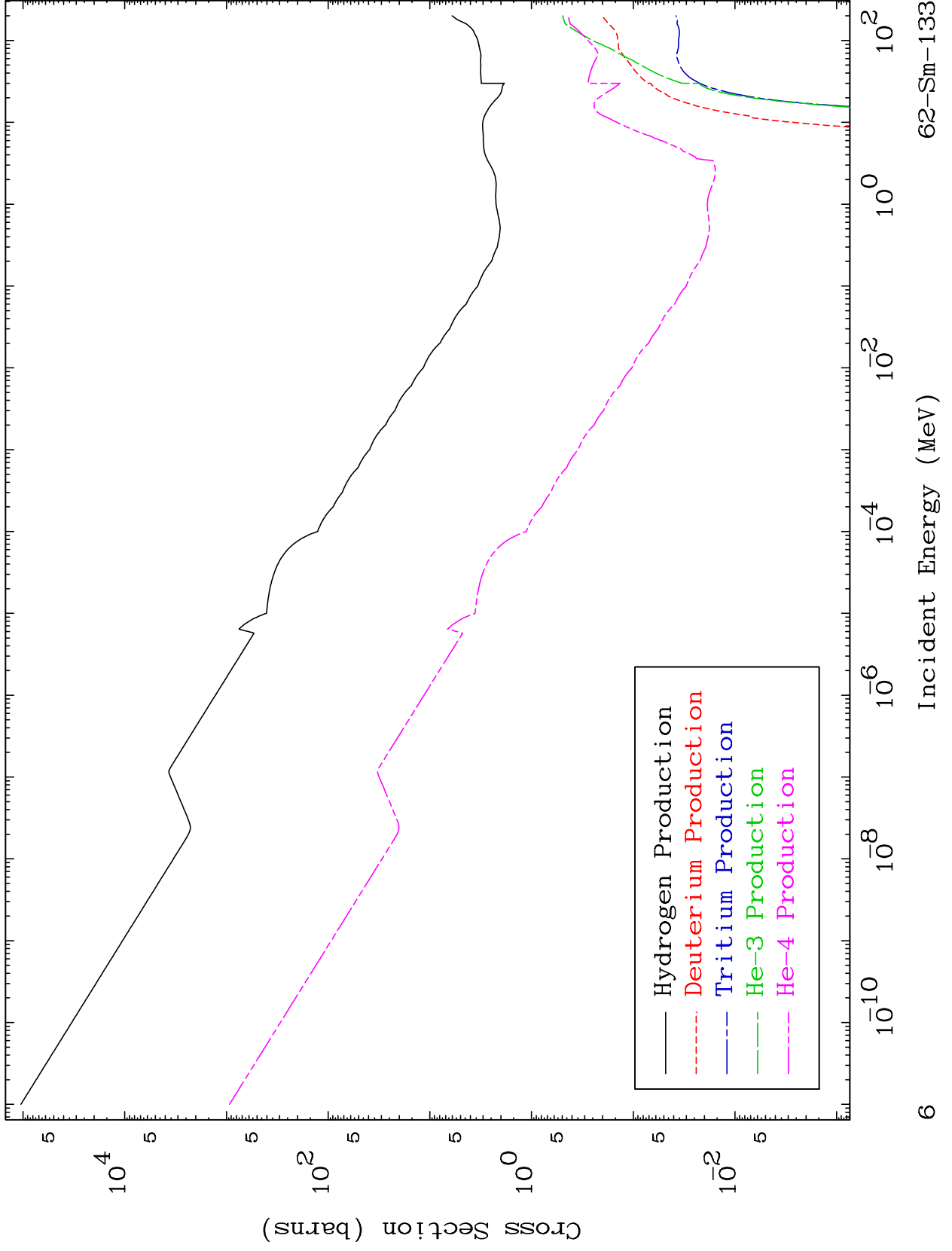


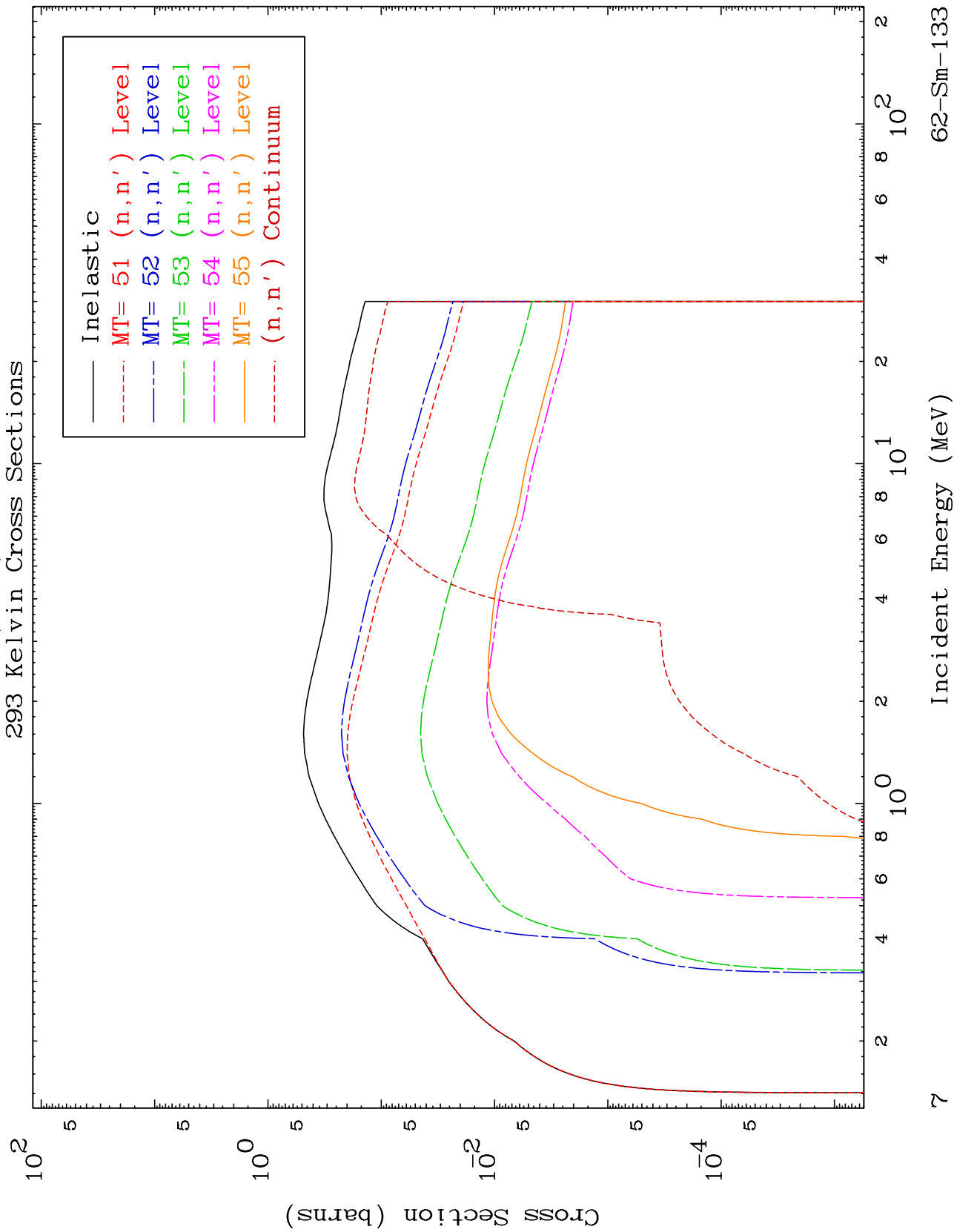
MAT 6192

Charged Particle  
293 Kelvin Cross Sections

62-Sm-133





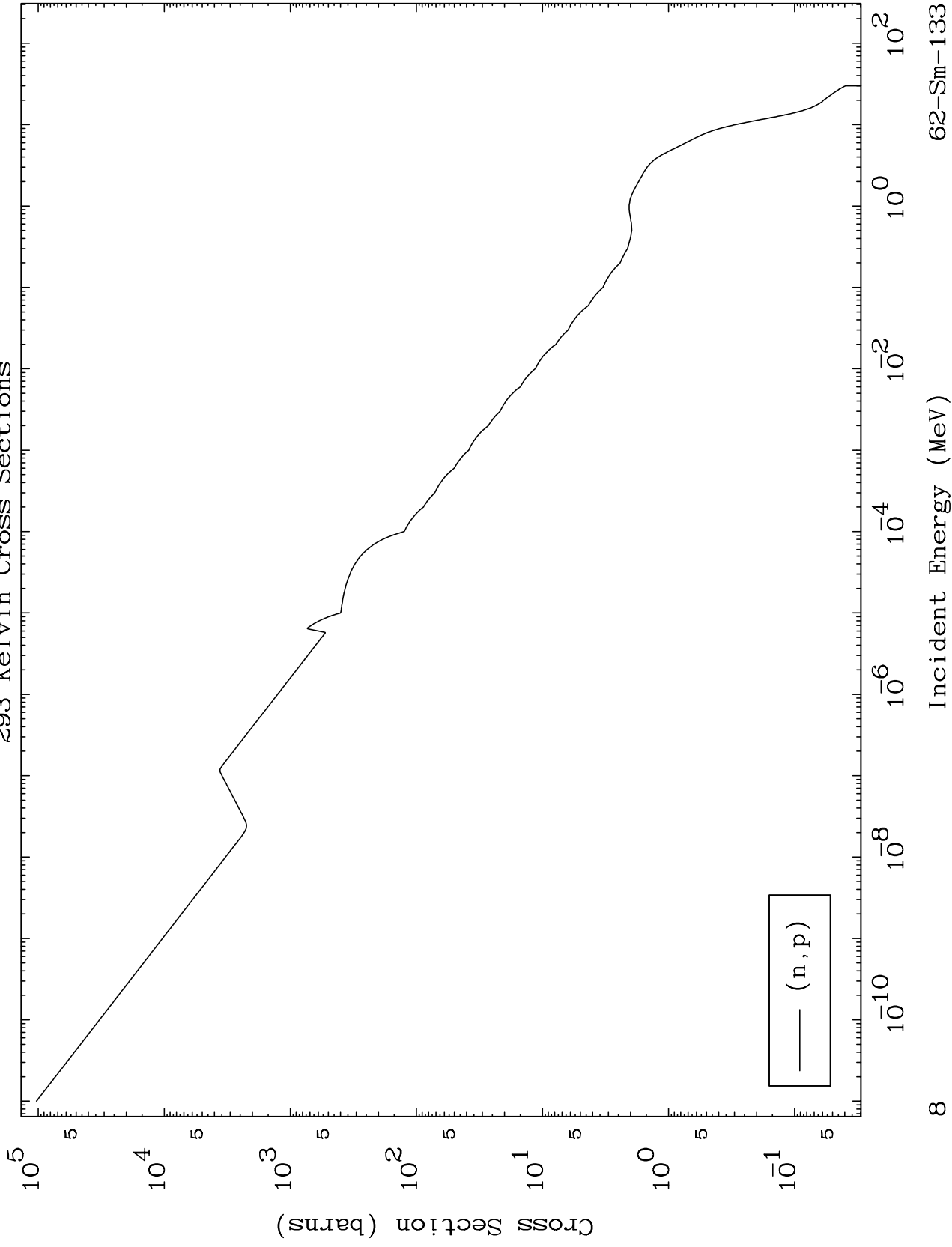




MAT 6192

(n,p) Levels  
293 Kelvin Cross Sections

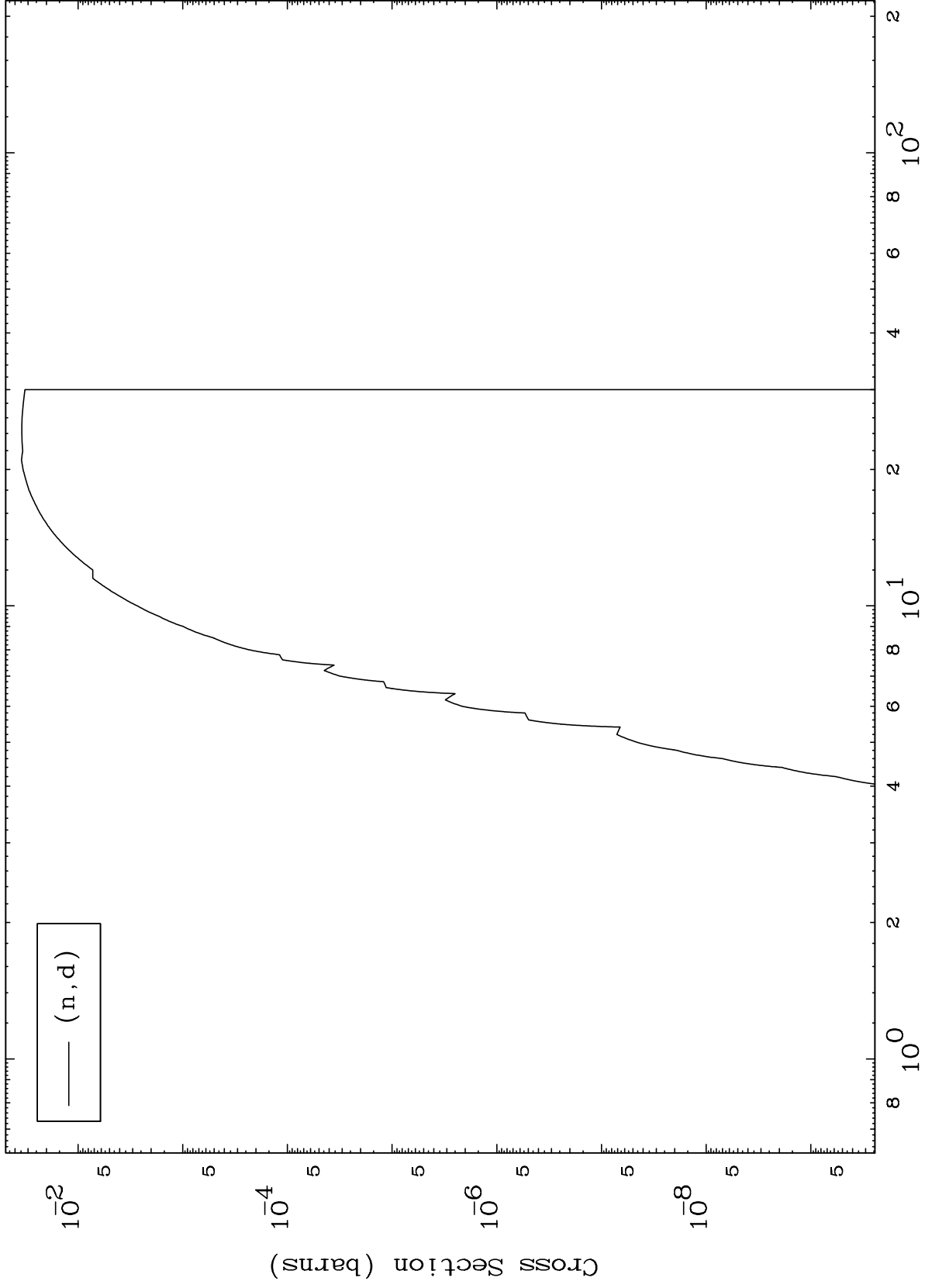
62-Sm-133



MAT 6192

(n,d) Levels  
293 Kelvin Cross Sections

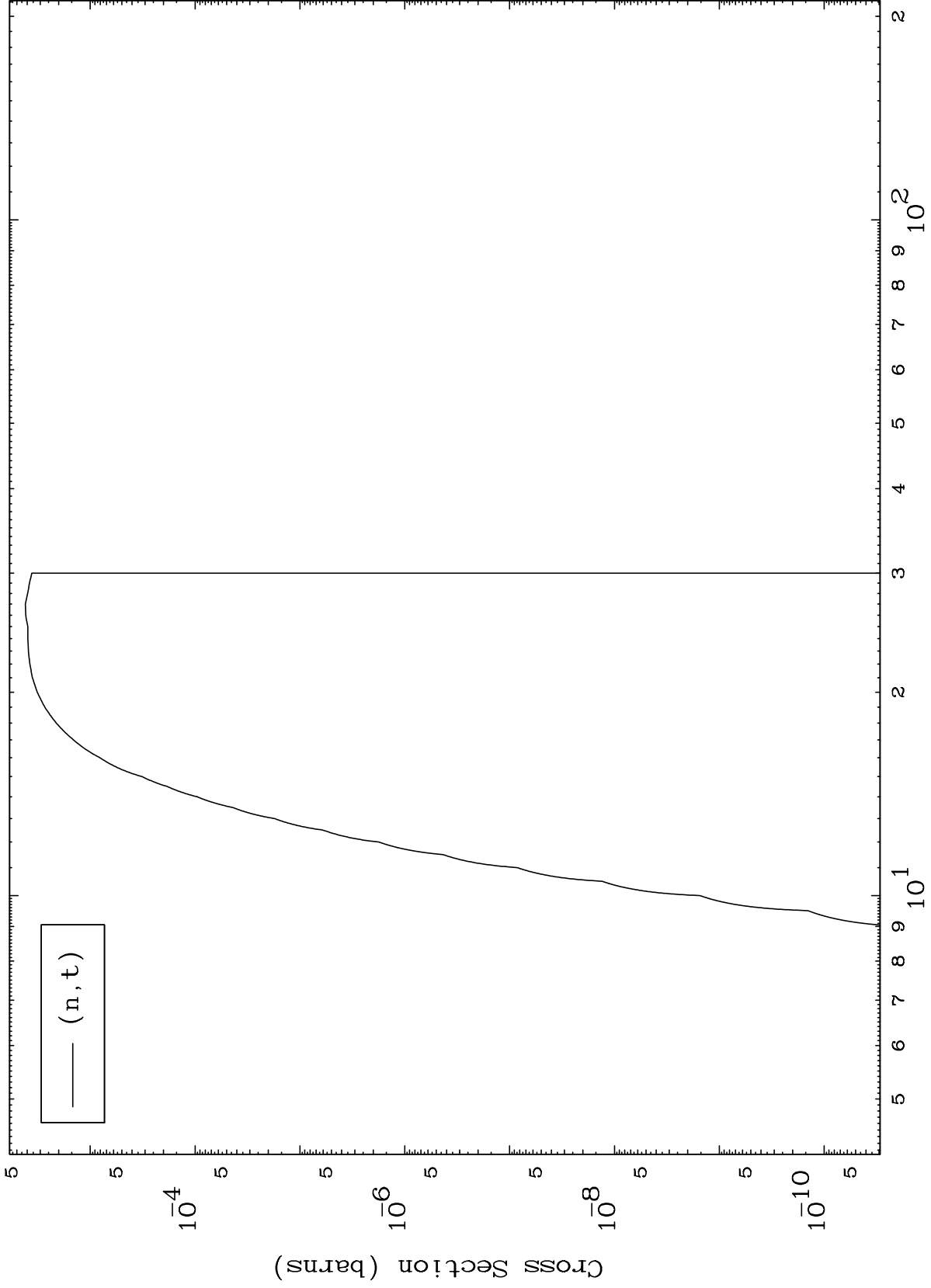
62-Sm-133



MAT 6192

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-133



10

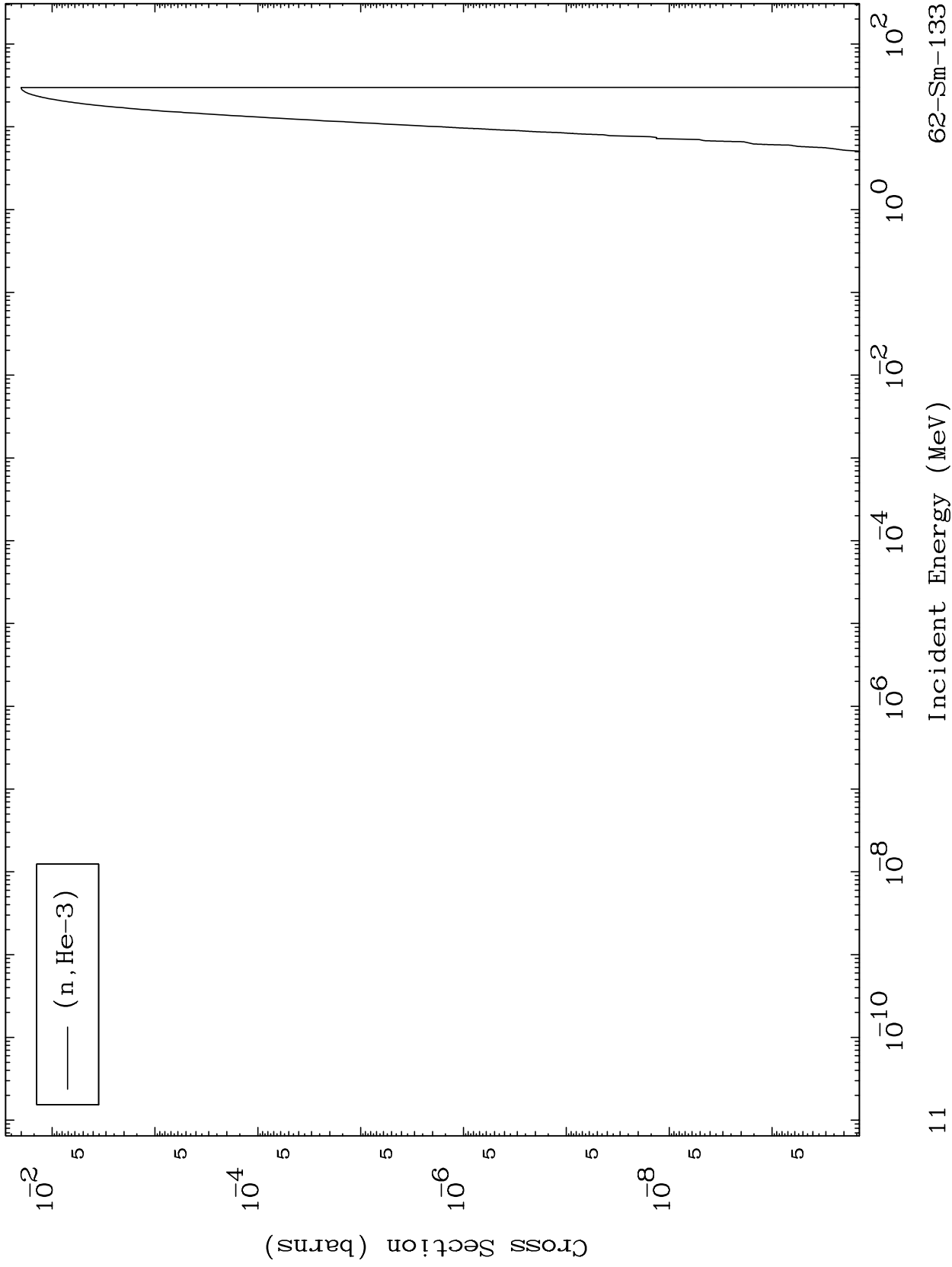
Incident Energy (MeV)

62-Sm-133

MAT 6192

(n,He3) Levels  
293 Kelvin Cross Sections

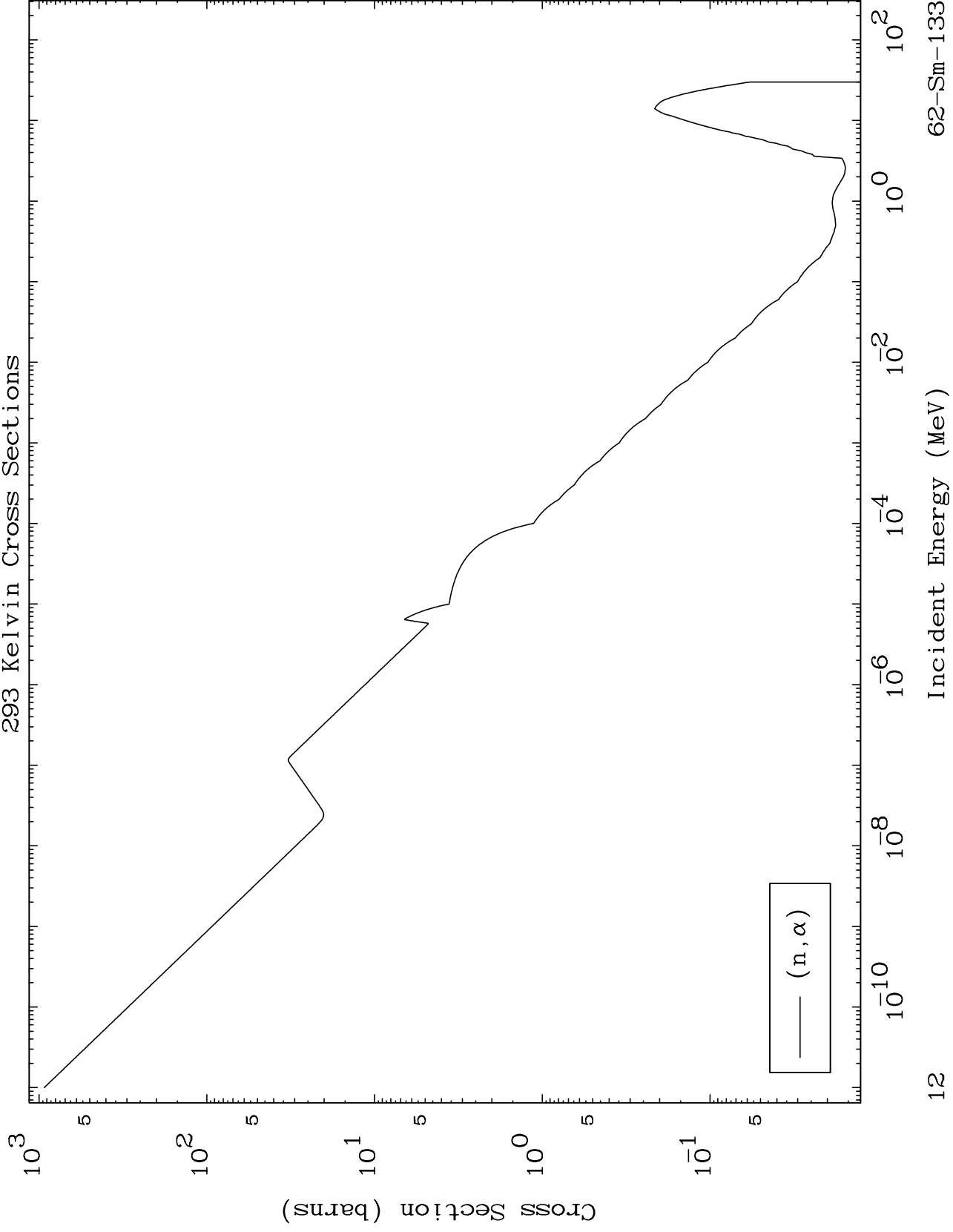
62-Sm-133

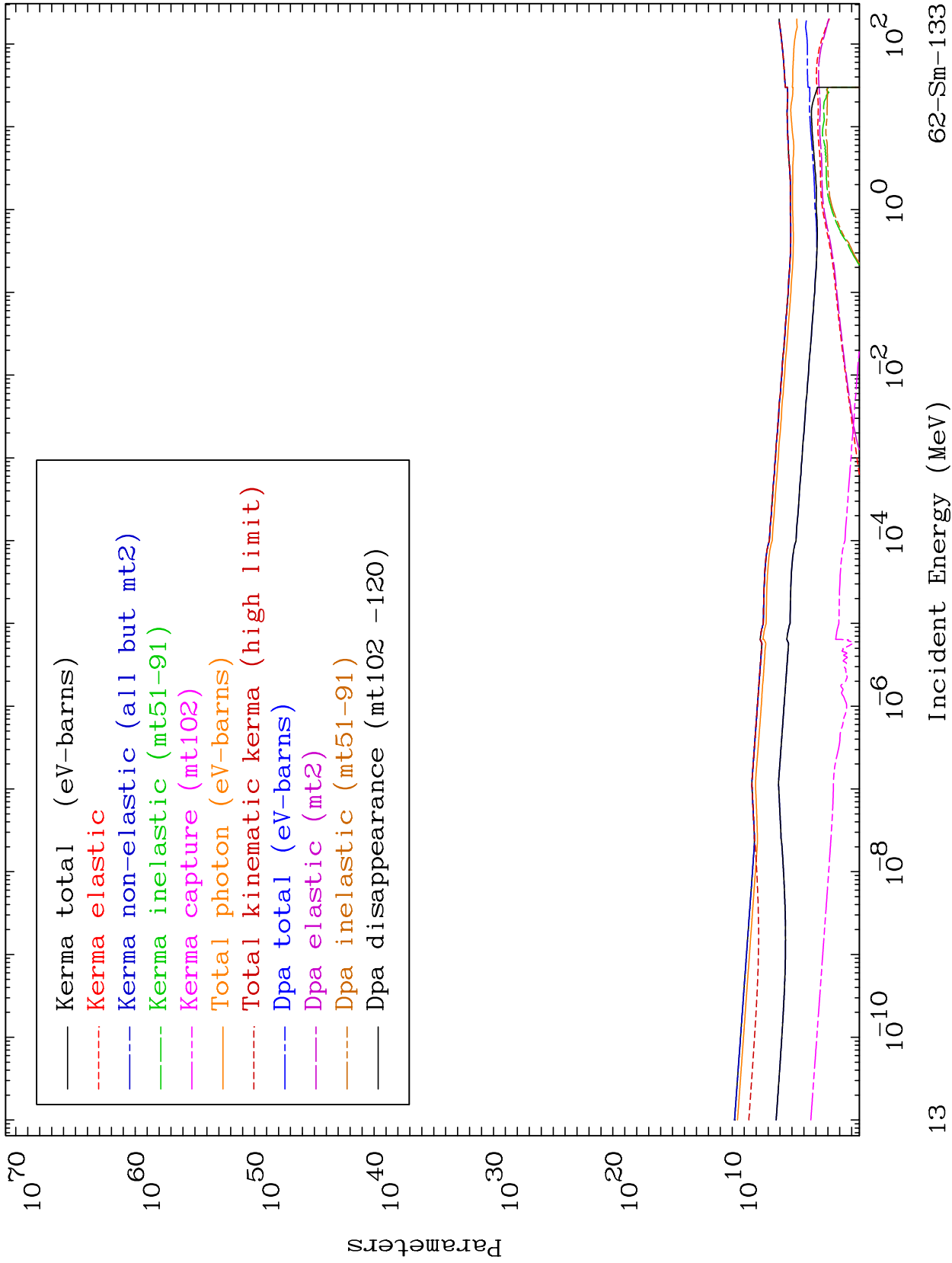


MAT 6192

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

62-Sm-133

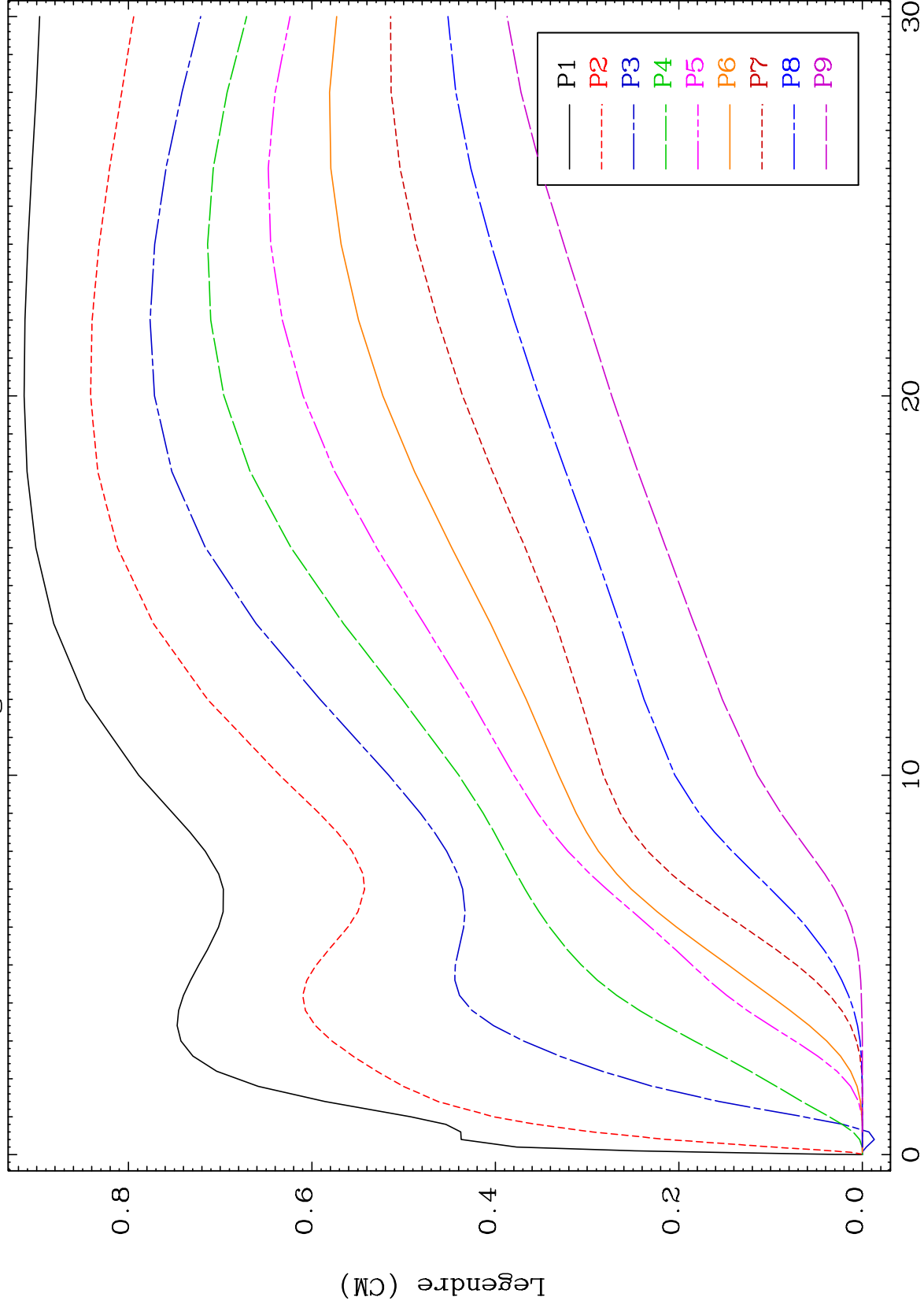




MAT 6192

Elastic Legendre Coefficients

$^{62}\text{Sm}-133$



14

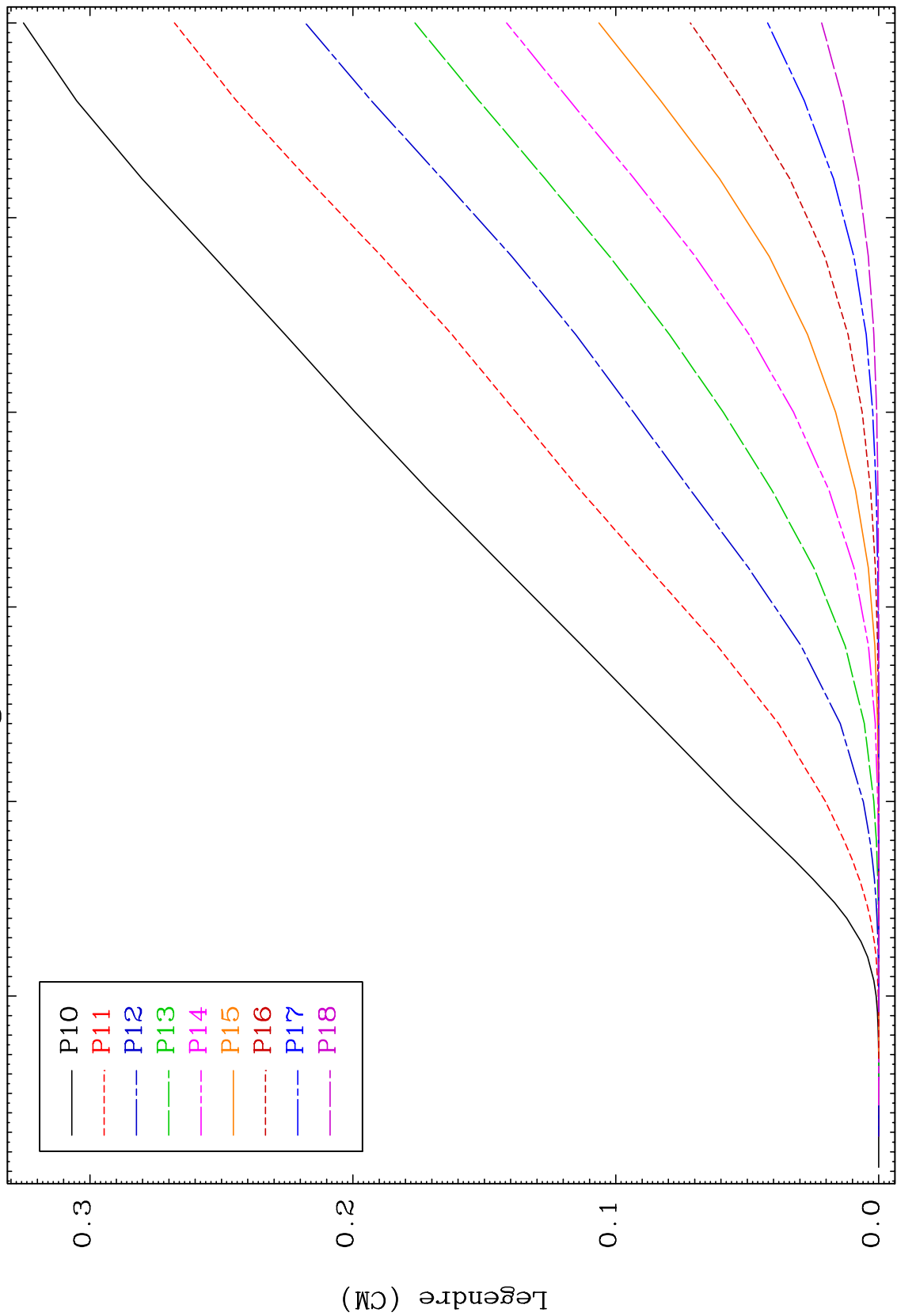
Incident Energy (MeV)

$^{62}\text{Sm}-133$

MAT 6192

Elastic Legendre Coefficients

62-Sm-133



15

Incident Energy (MeV)

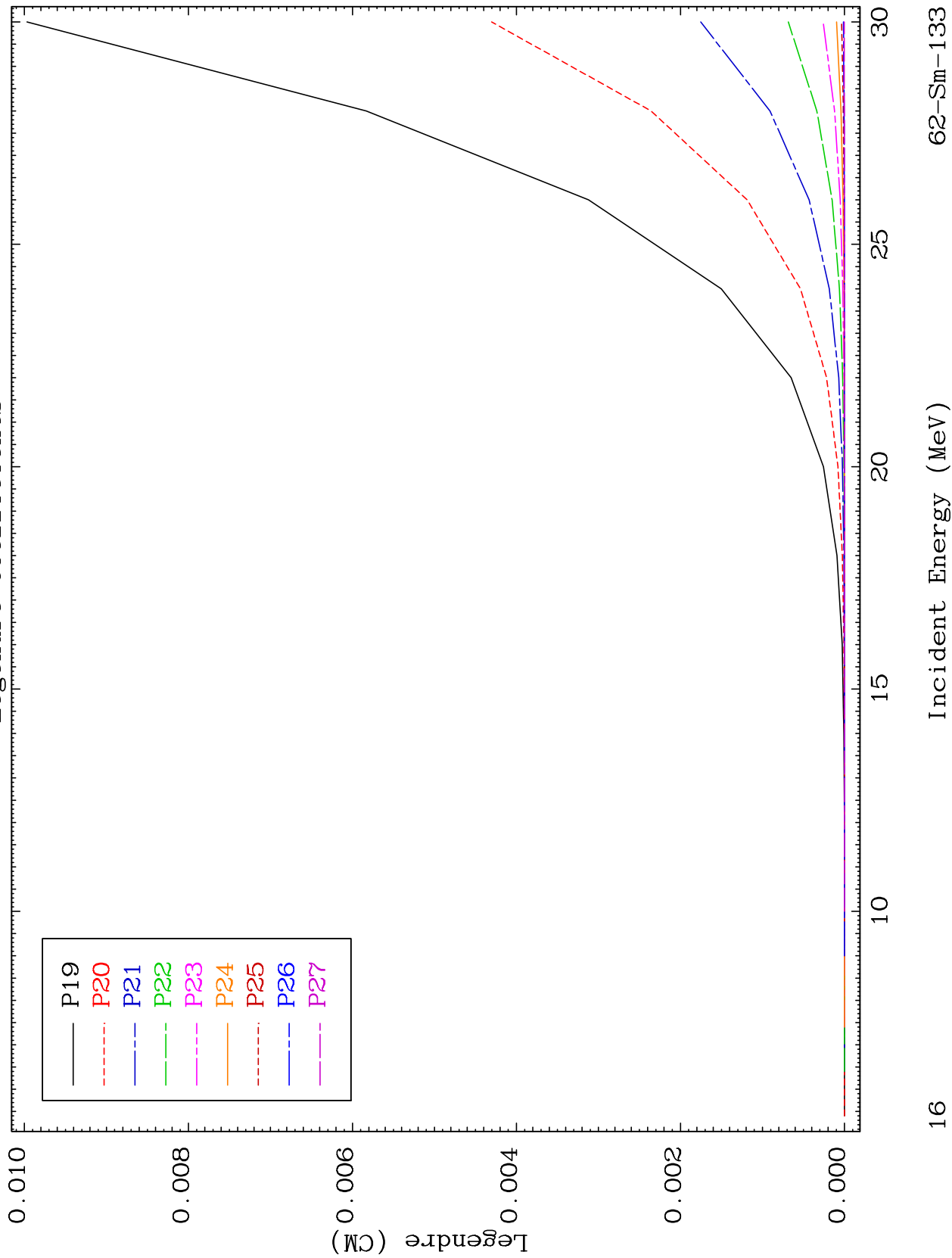
62-Sm-133



MAT 6192

Elastic Legendre Coefficients

<sup>62</sup>Sm-133



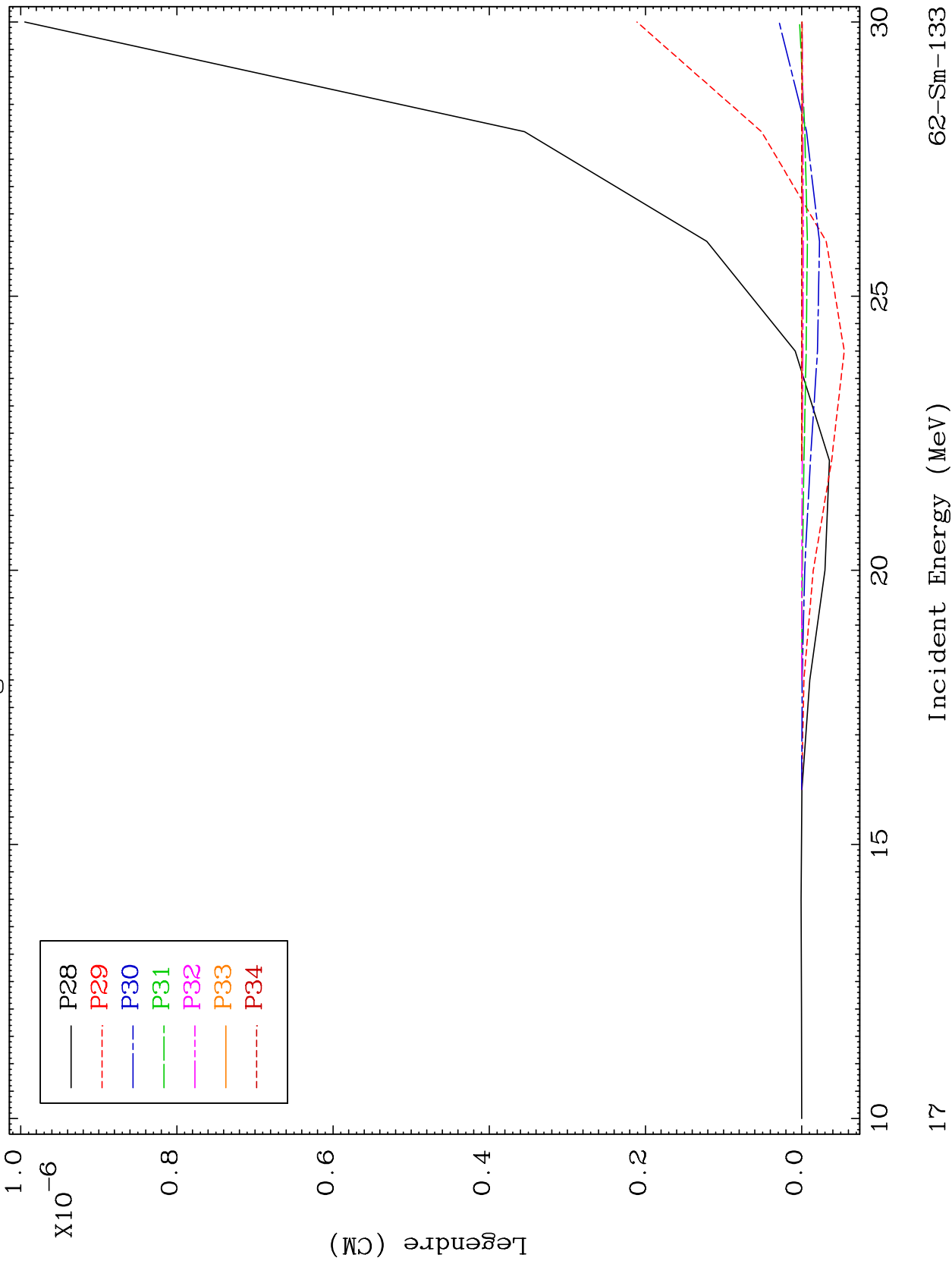
16

<sup>62</sup>Sm-133

MAT 6192

Elastic Legendre Coefficients

62-Sm-133



17

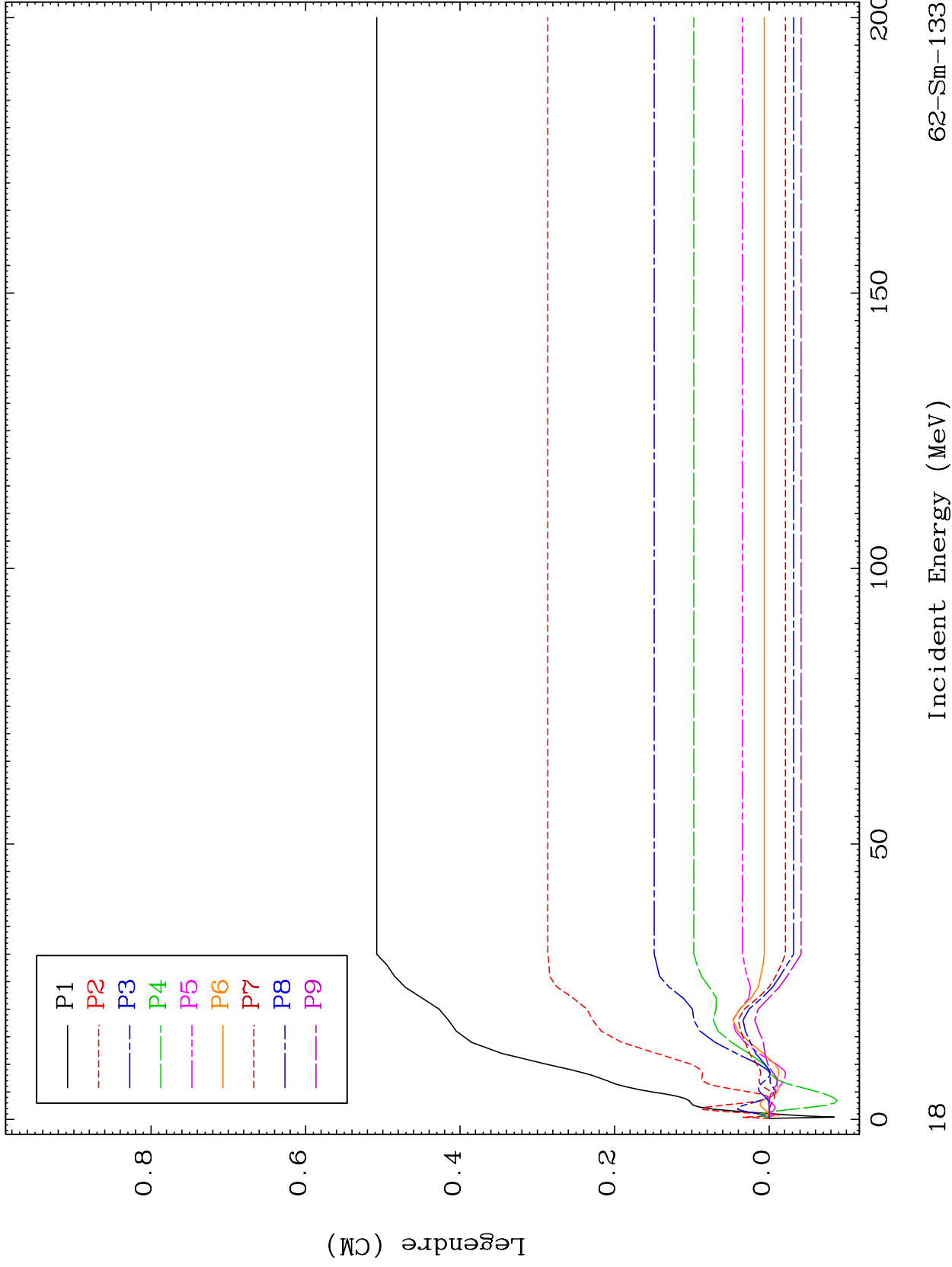
Incident Energy (MeV)

62-Sm-133

MAT 6192

MT= 51 (n,n') Level  
Legendre Coefficients

62-Sm-133



62-Sm-133

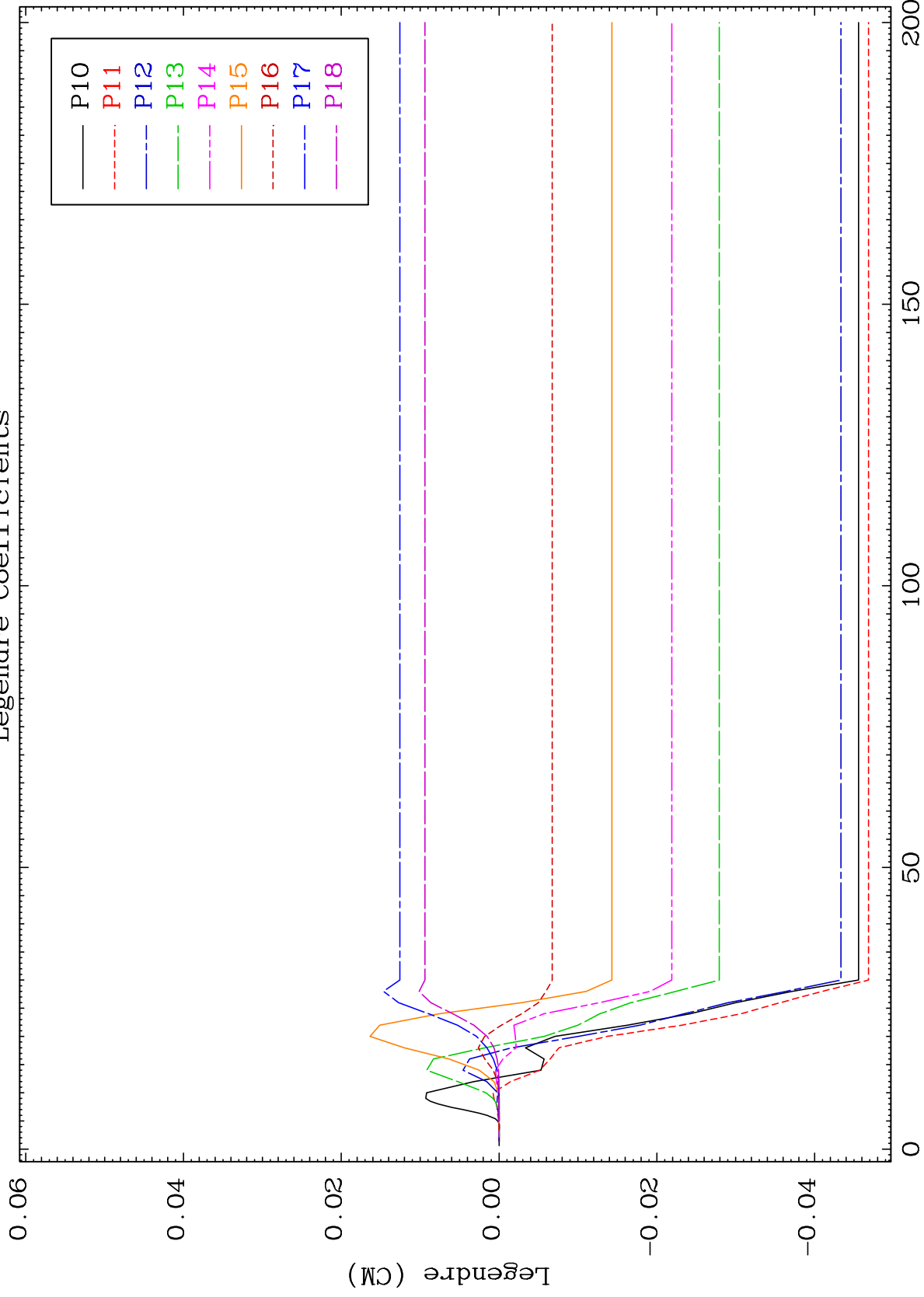
Incident Energy (MeV)

18

MAT 6192

MT= 51 (n,n') Level  
Legendre Coefficients

62-Sm-133



19

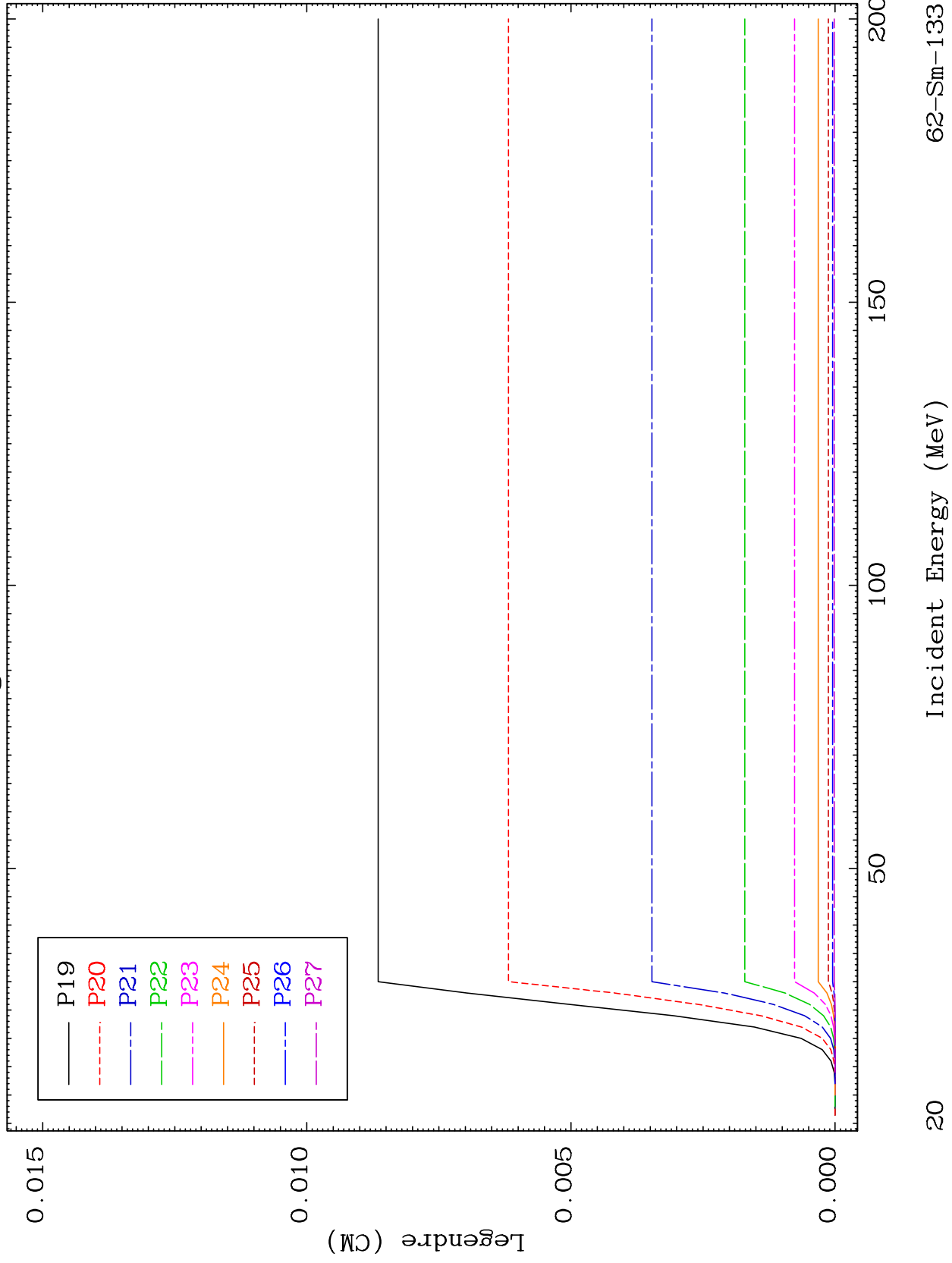
Incident Energy (MeV)

62-Sm-133

MAT 6192

MT= 51 (n,n') Level  
Legendre Coefficients

62-Sm-133



62-Sm-133

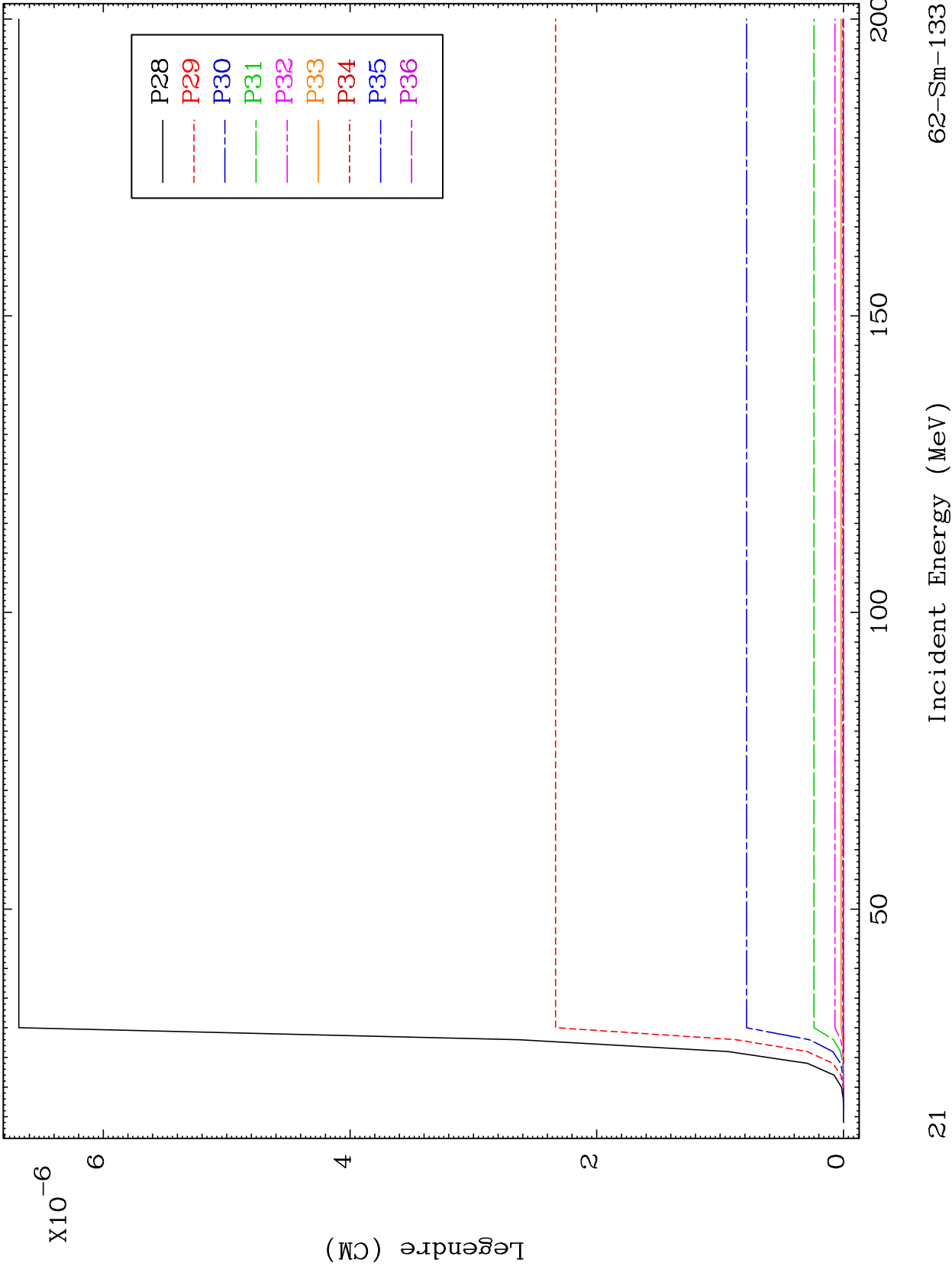
Incident Energy (MeV)

20

MAT 6192

MT= 51 (n,n') Level  
Legendre Coefficients

62-Sm-133



21

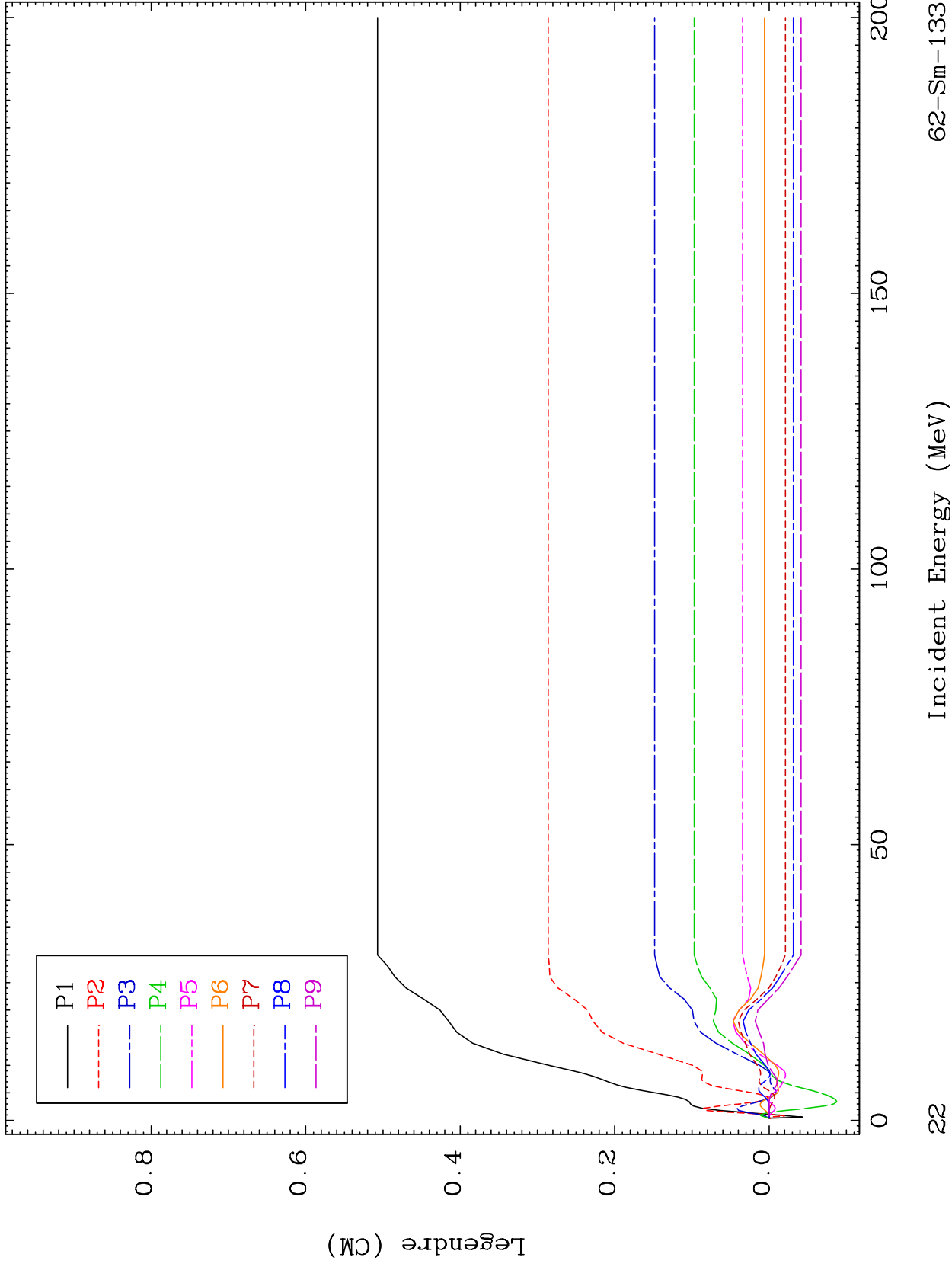
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

62-Sm-133



62-Sm-133

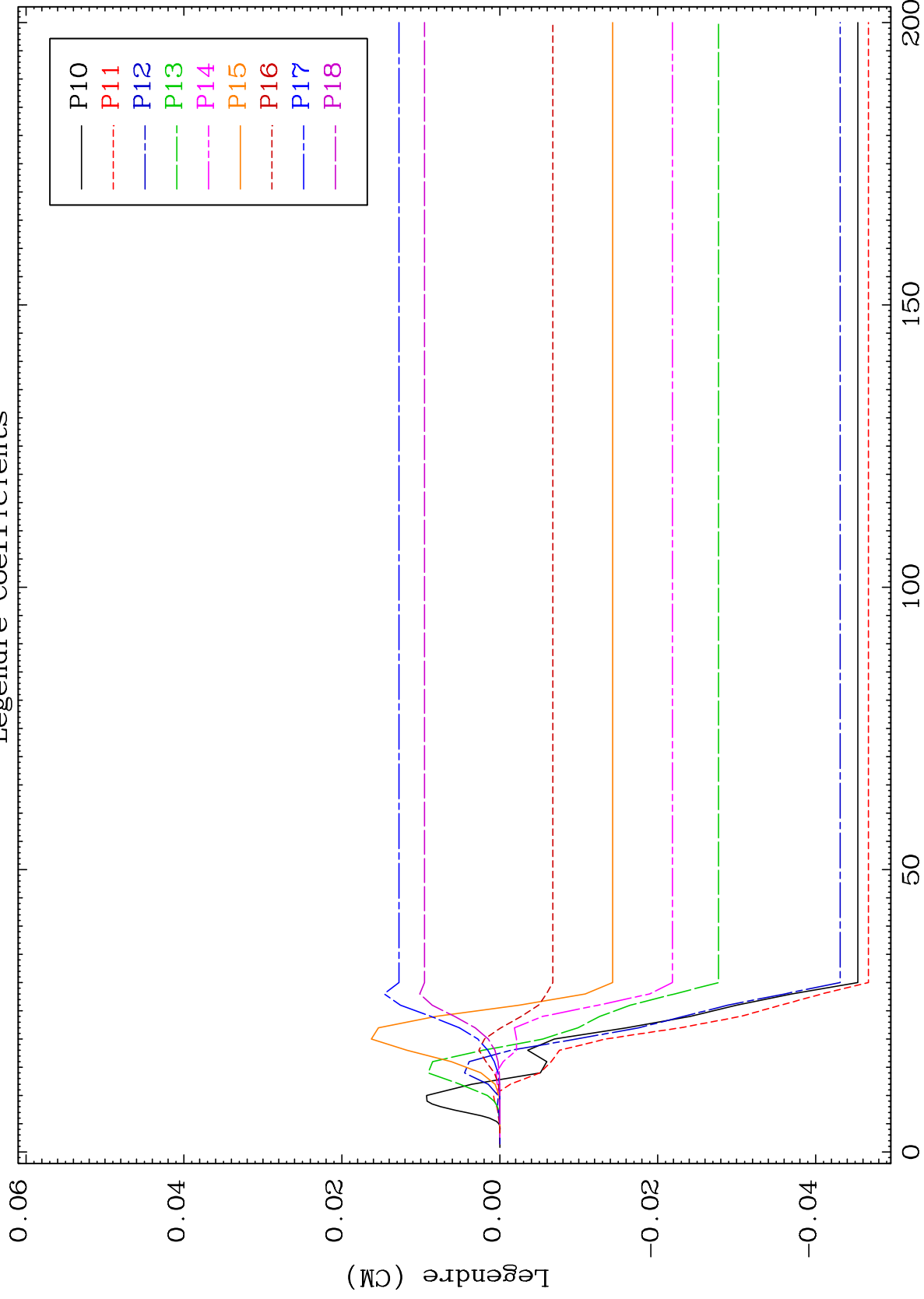
Incident Energy (MeV)

22

MAT 6192

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

62-Sm-133



23

Incident Energy (MeV)

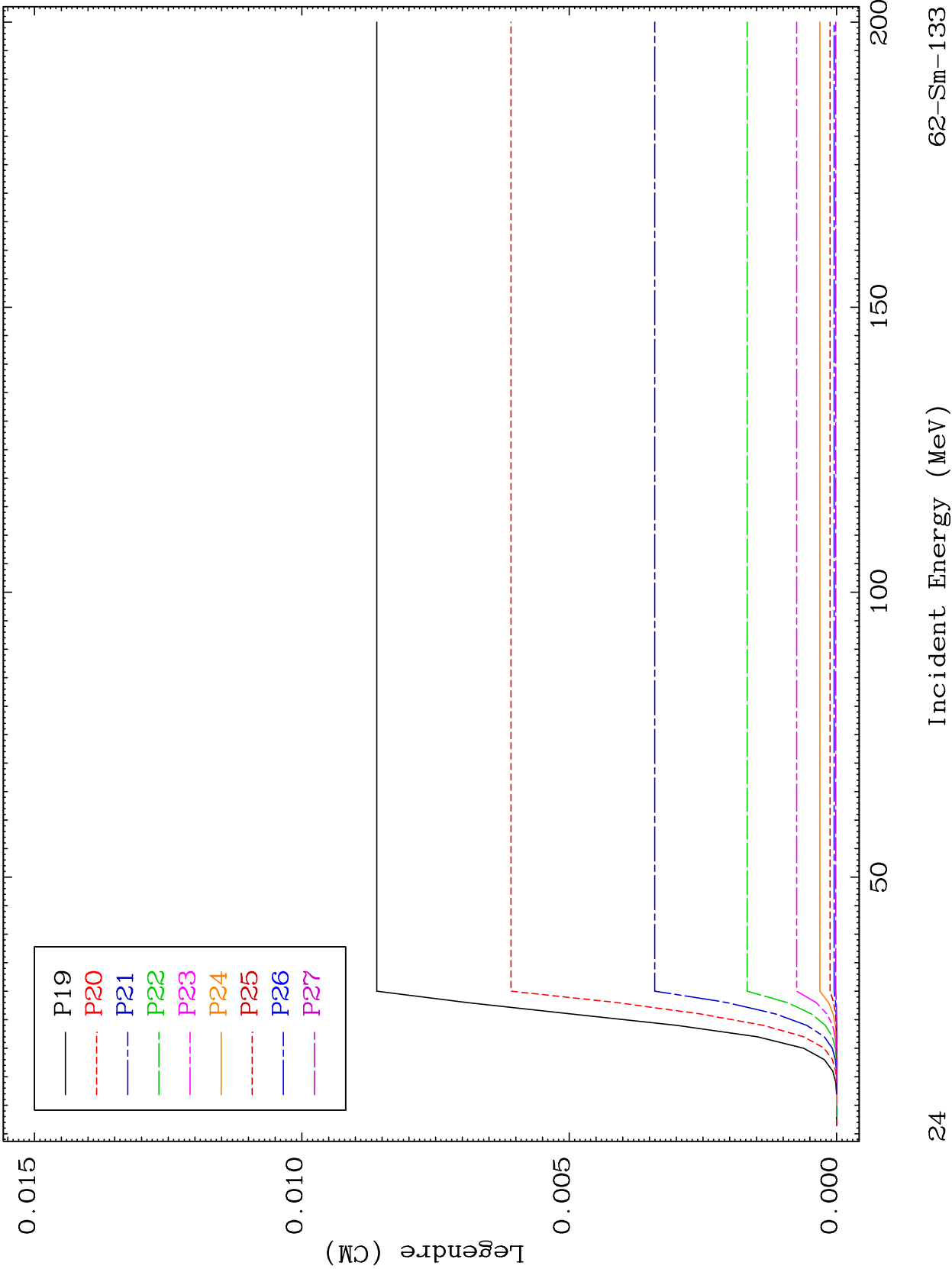
62-Sm-133



MAT 6192

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

62-Sm-133



24

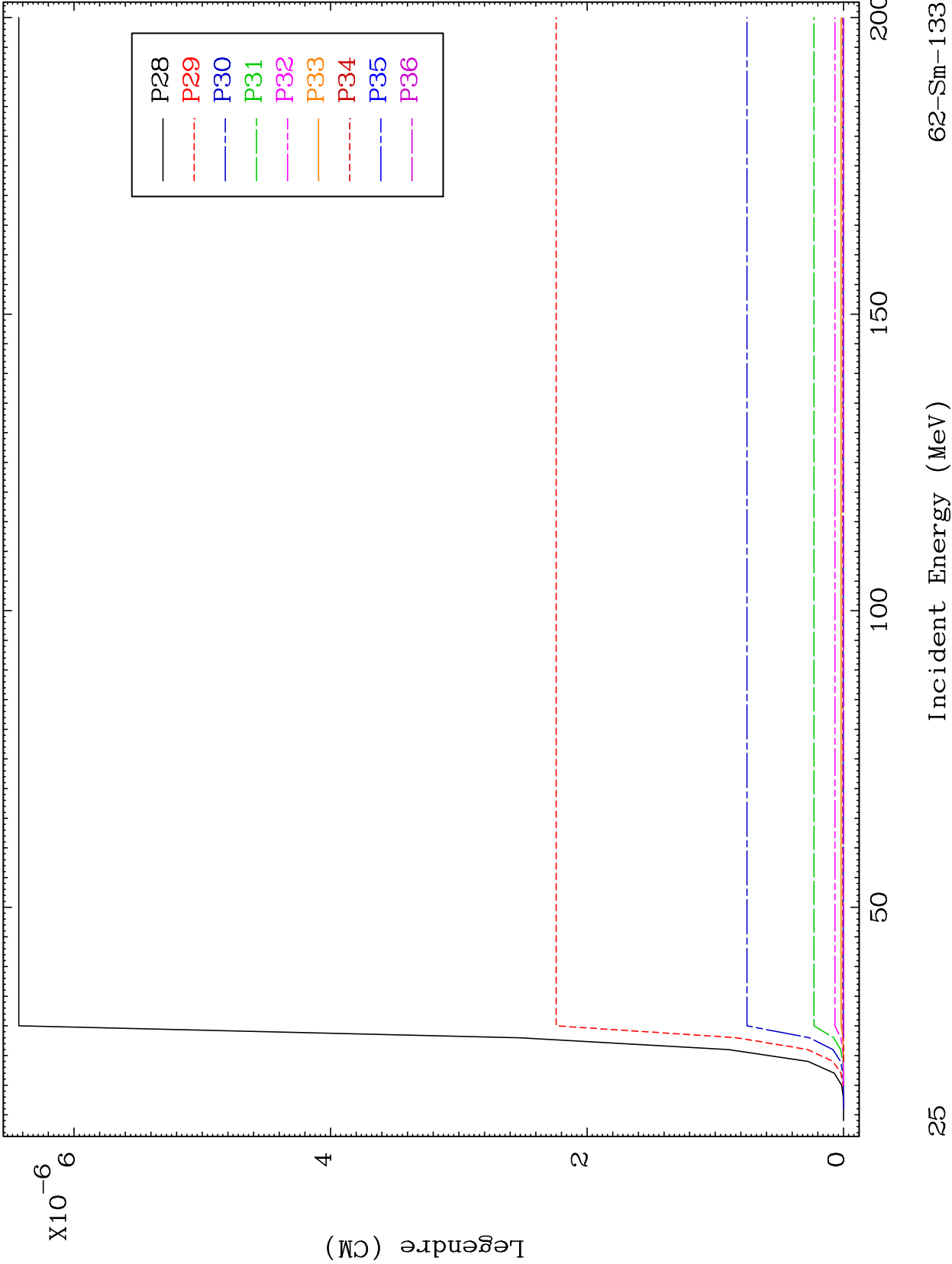
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

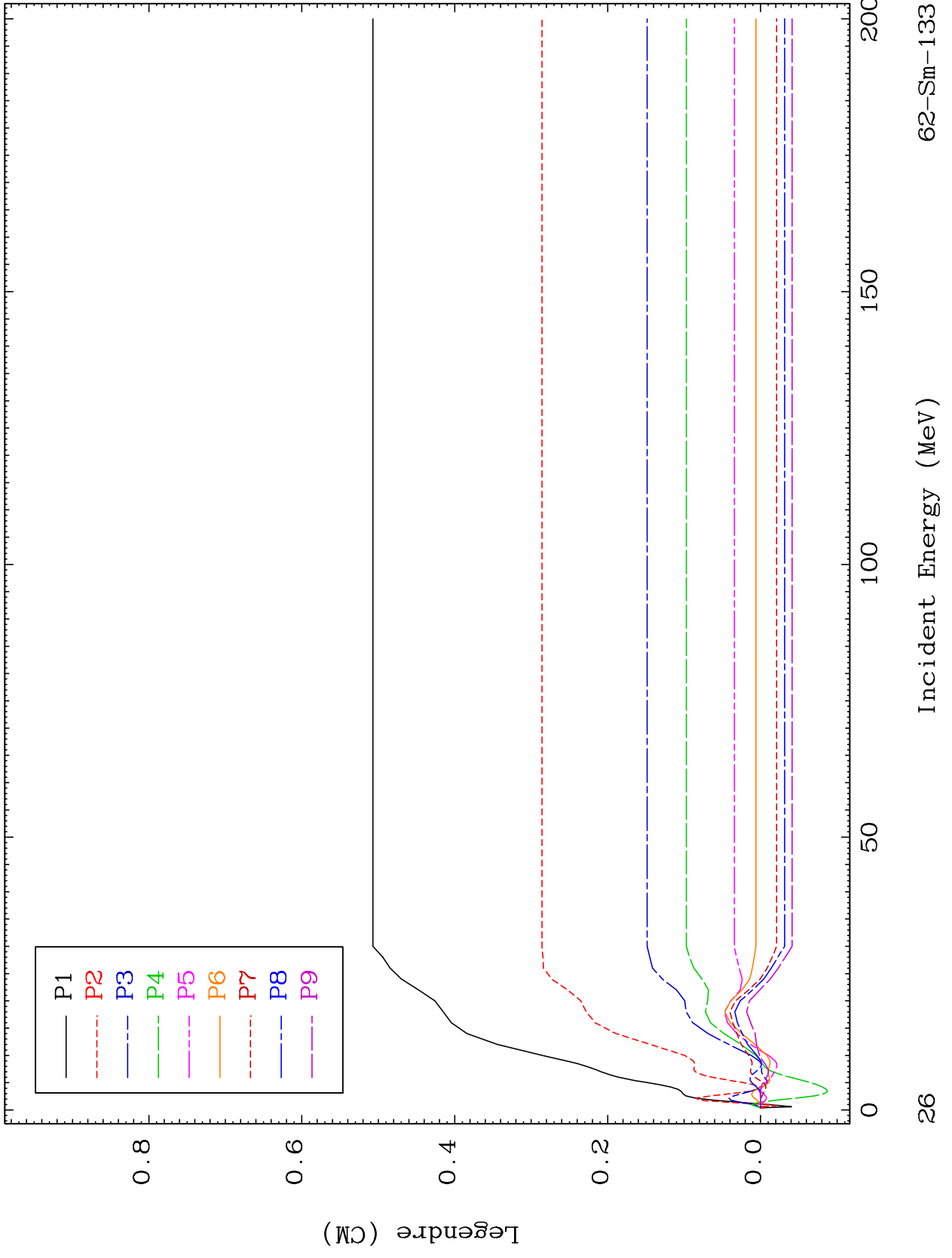
62-Sm-133



MAT 6192

MT= 53 (n,n') Level  
Legendre Coefficients

62-Sm-133



26

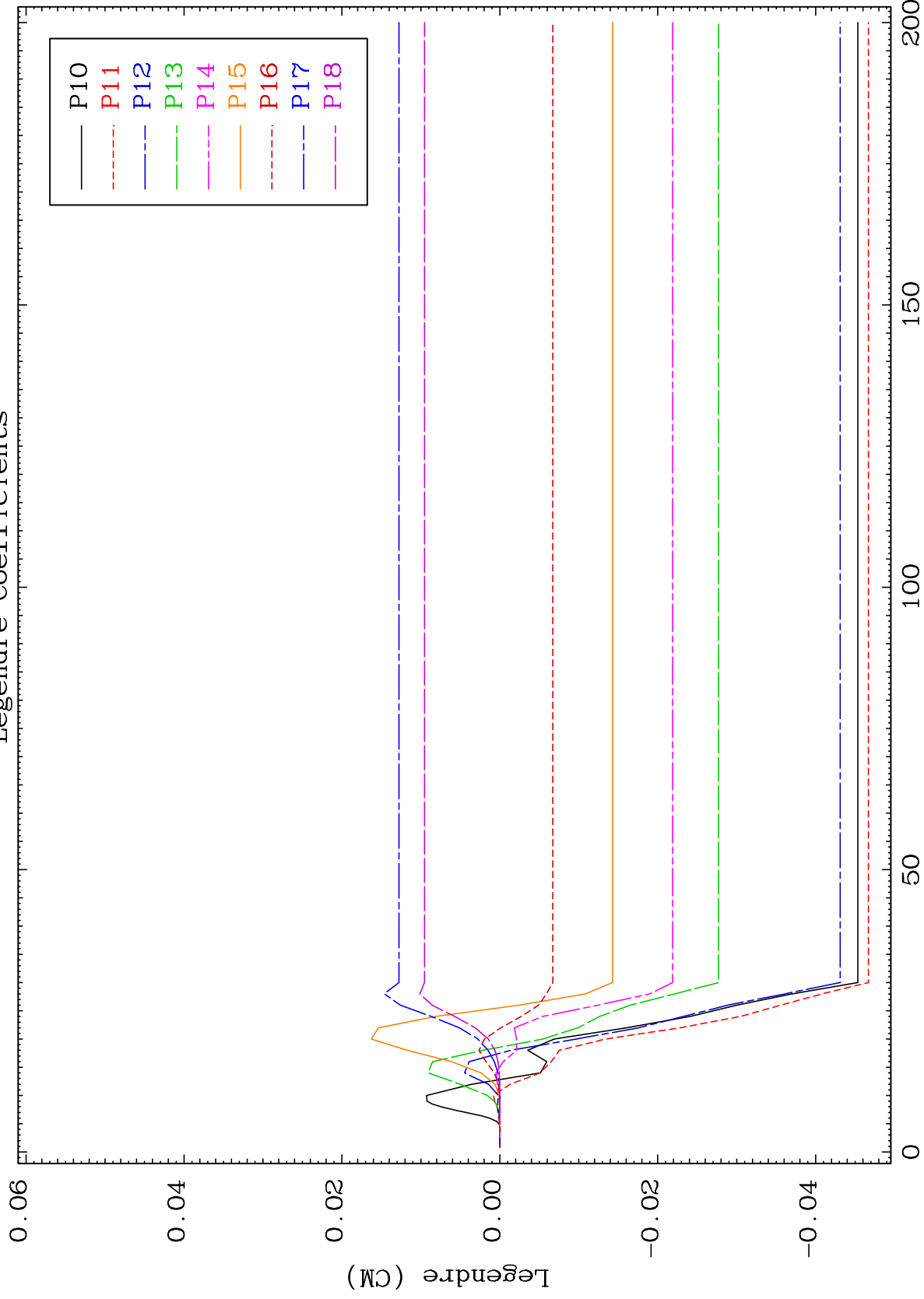
Incident Energy (MeV)

62-Sm-133

MAT 6192

MT= 53 (n,n') Level  
Legendre Coefficients

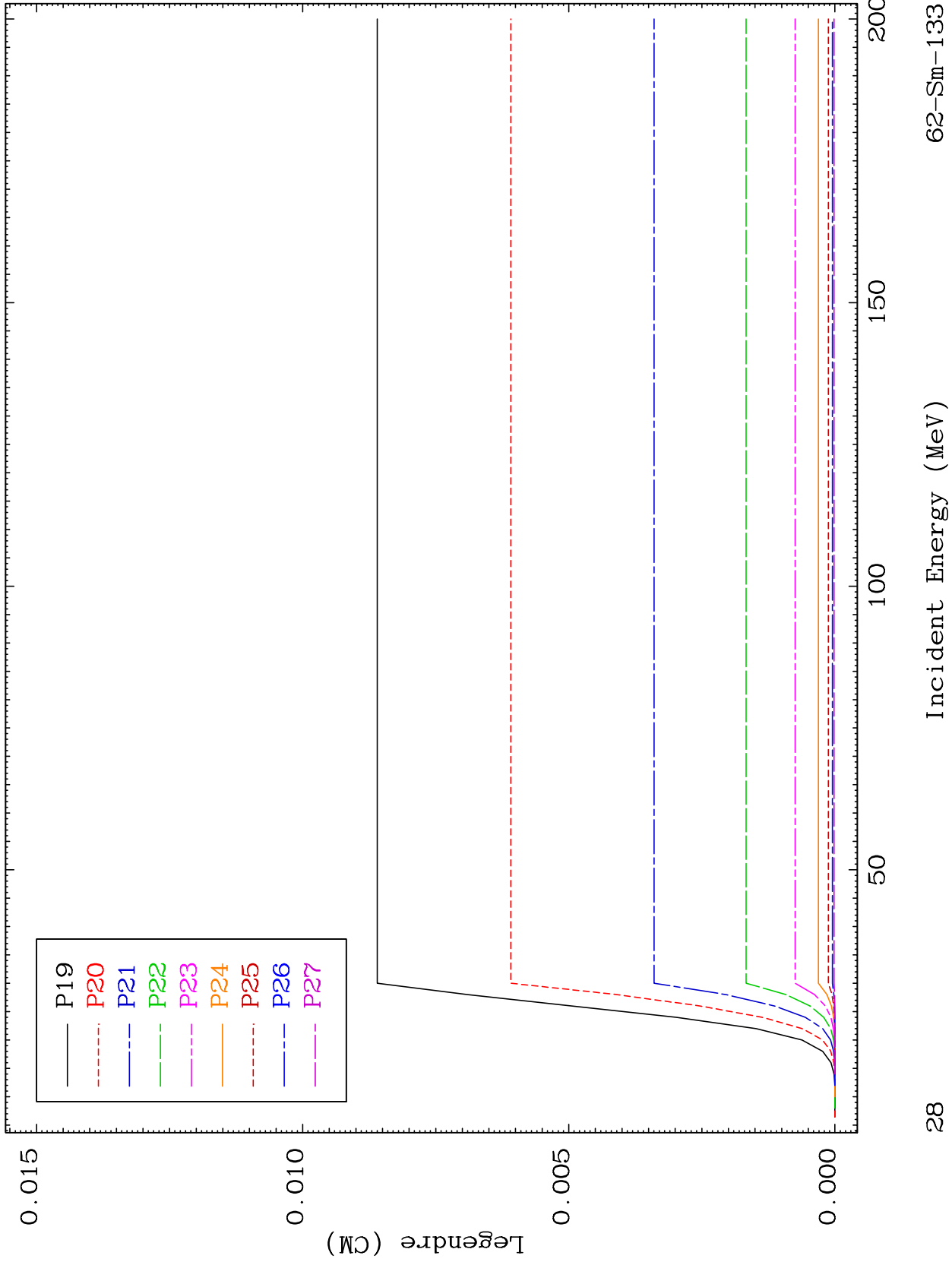
62-Sm-133



27

Incident Energy (MeV)

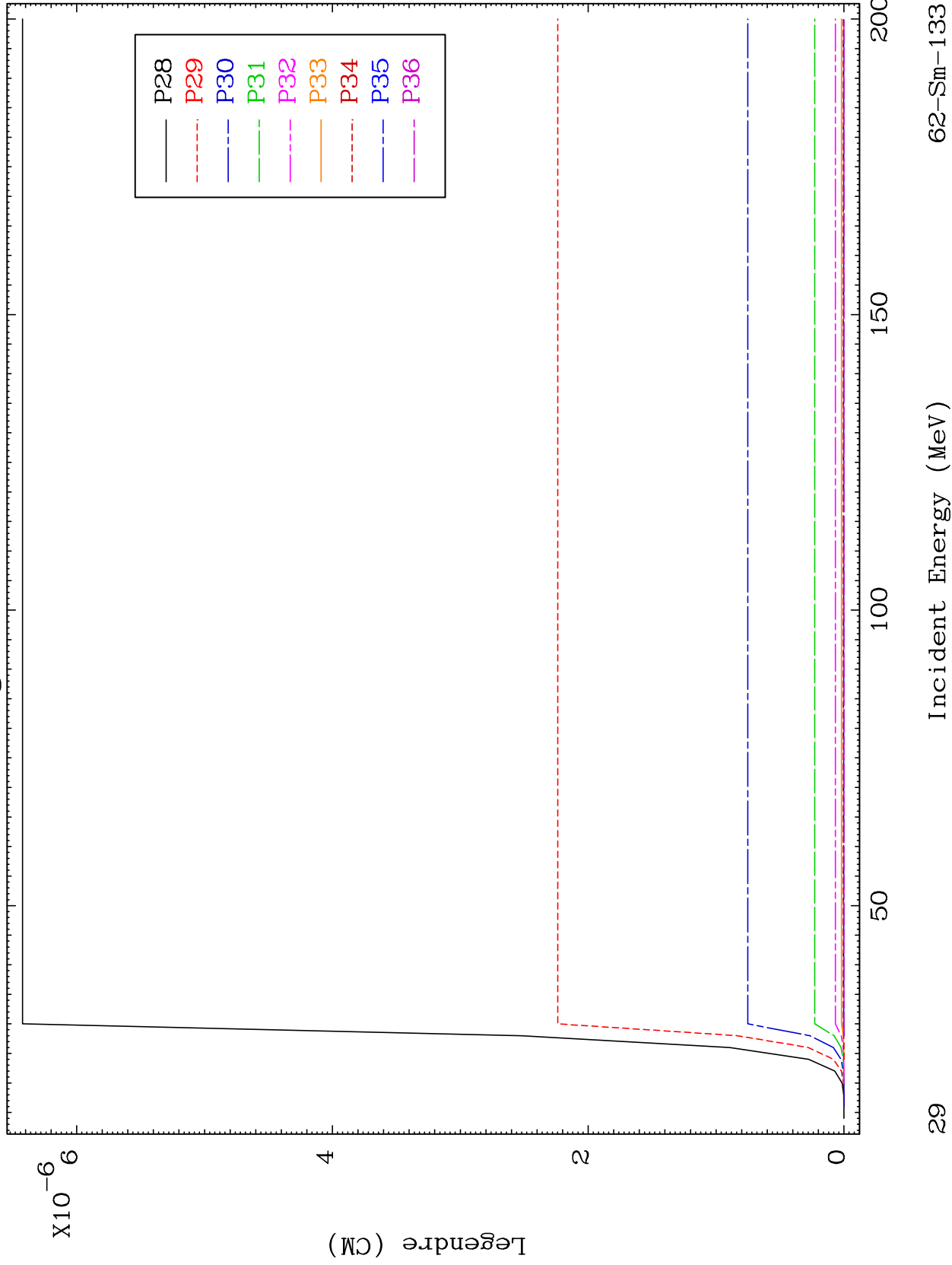
62-Sm-133



MAT 6192

MT= 53 (n,n') Level  
Legendre Coefficients

62-Sm-133



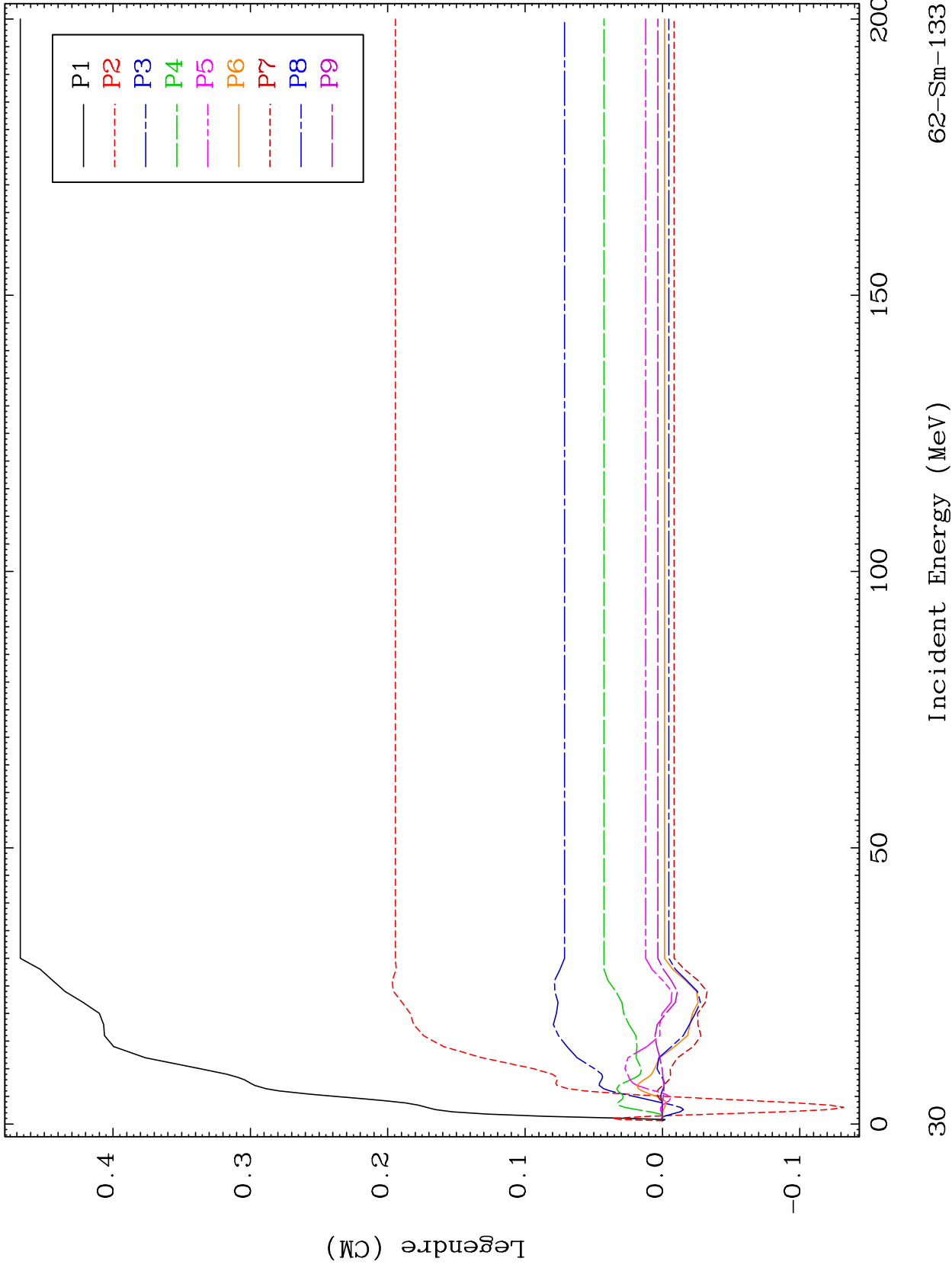
29

62-Sm-133

MAT 6192

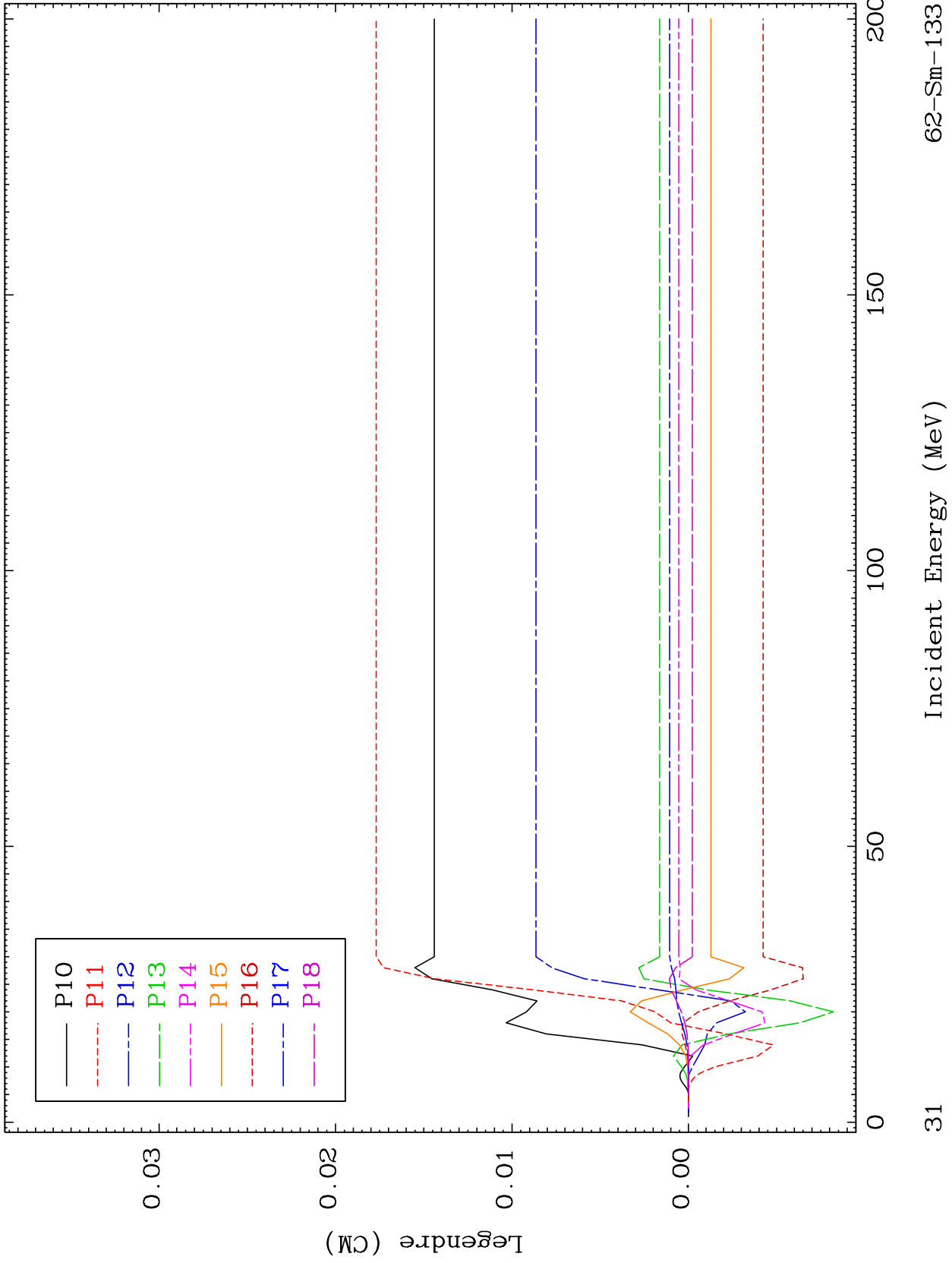
MT= 54 (n,n') Level  
Legendre Coefficients

62-Sm-133

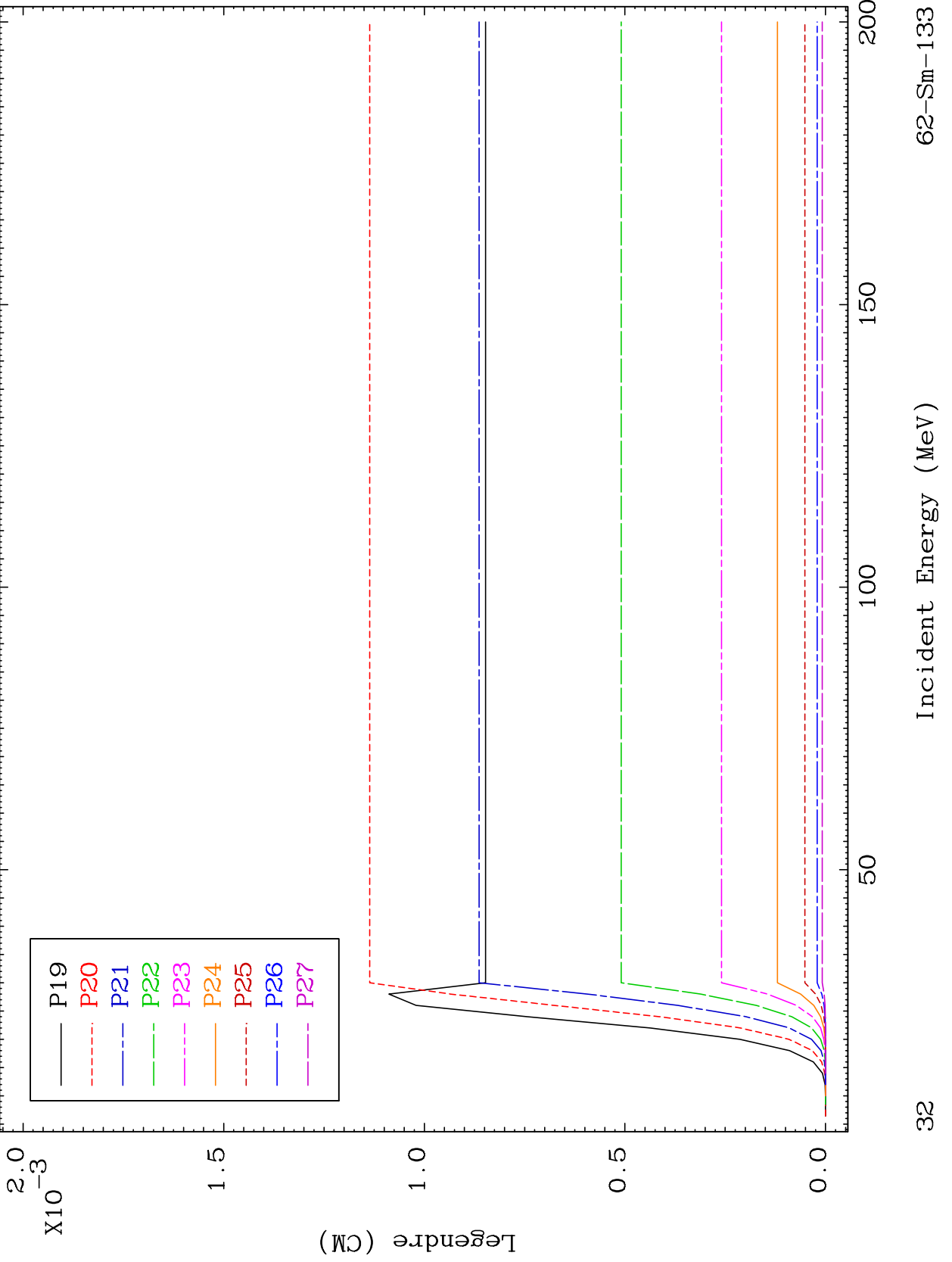


62-Sm-133

Incident Energy (MeV)



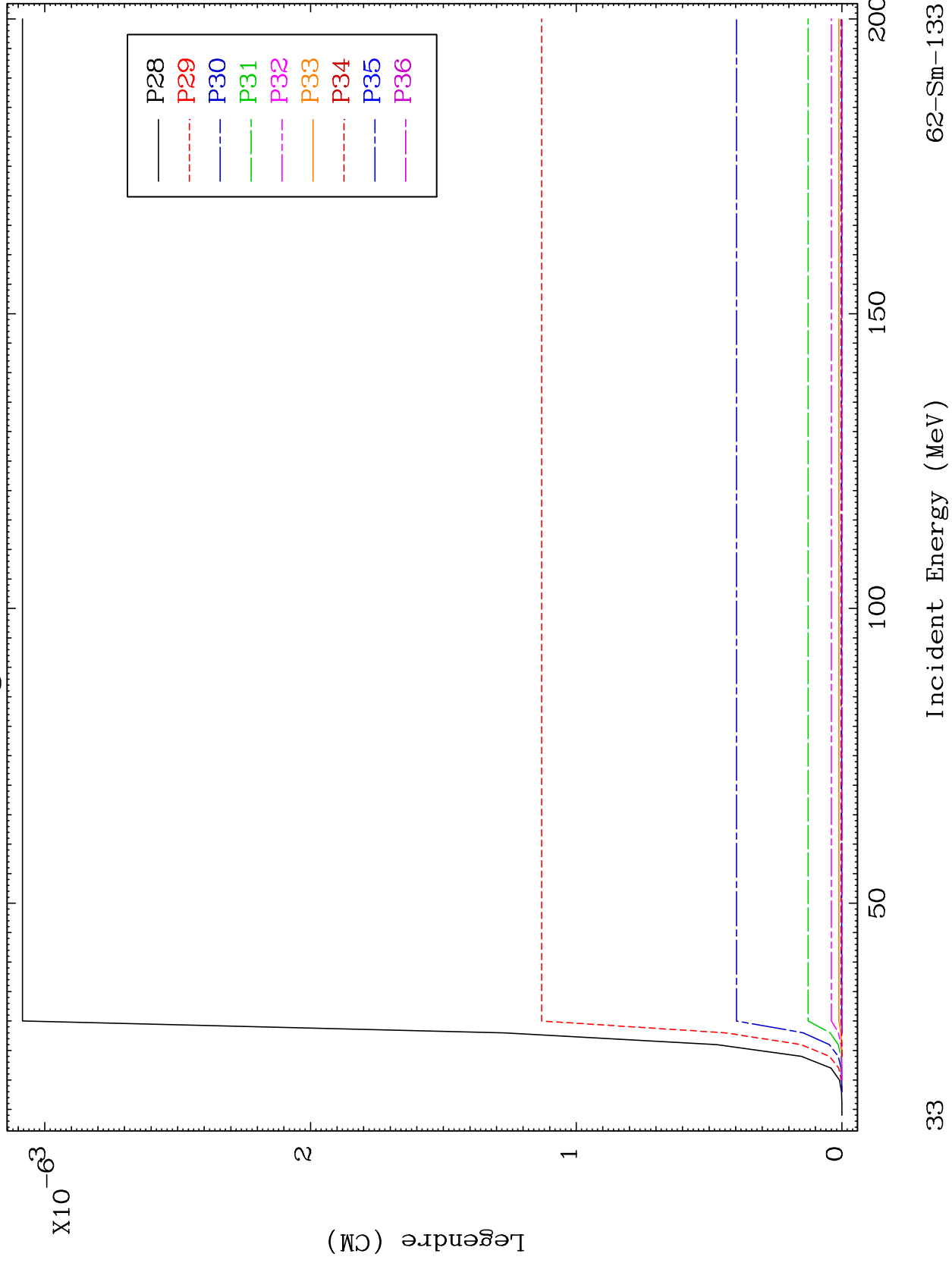




MAT 6192

MT= 54 (n,n') Level  
Legendre Coefficients

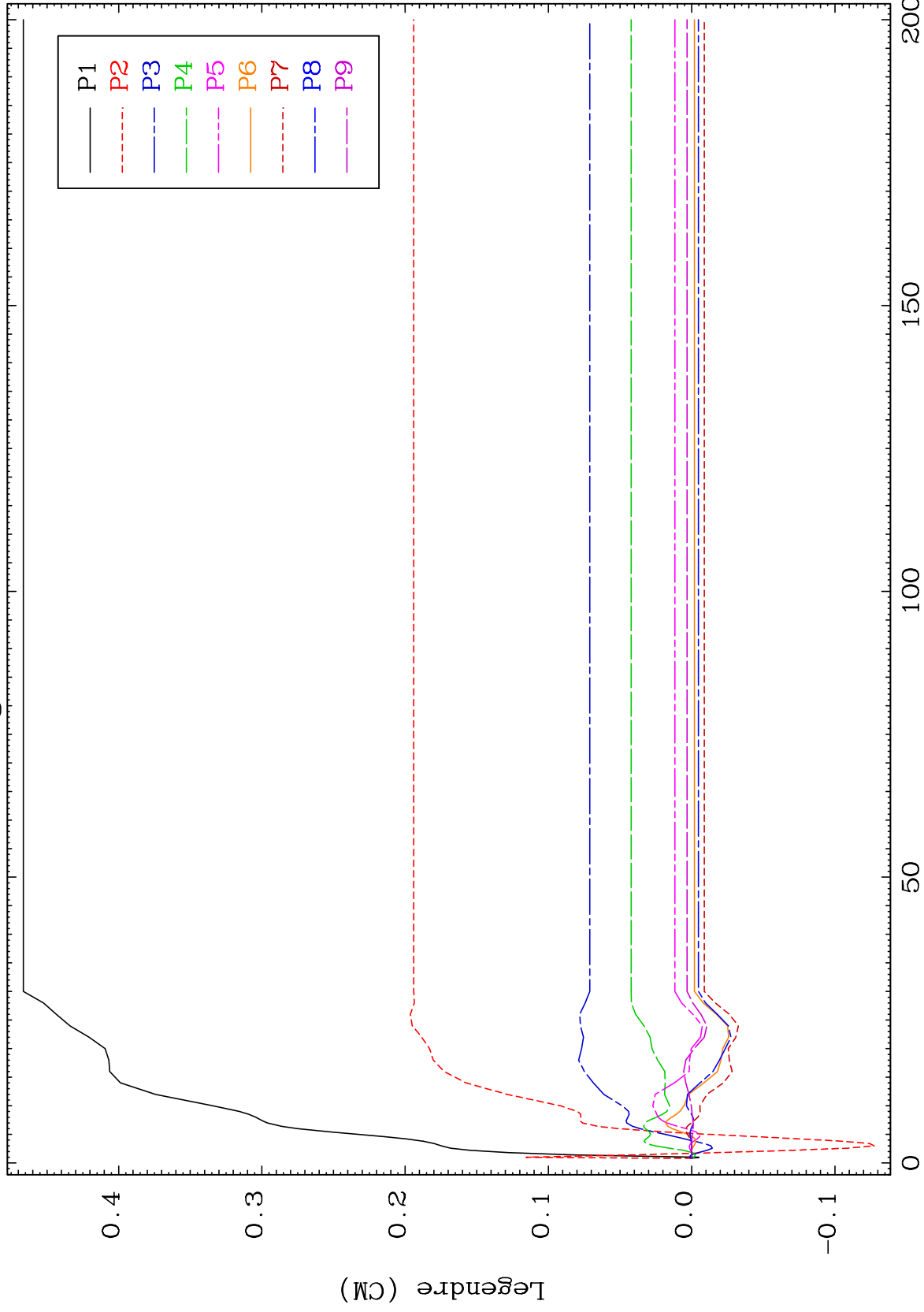
62-Sm-133



MAT 6192

MT= 55 (n,n') Level  
Legendre Coefficients

62-Sm-133



34

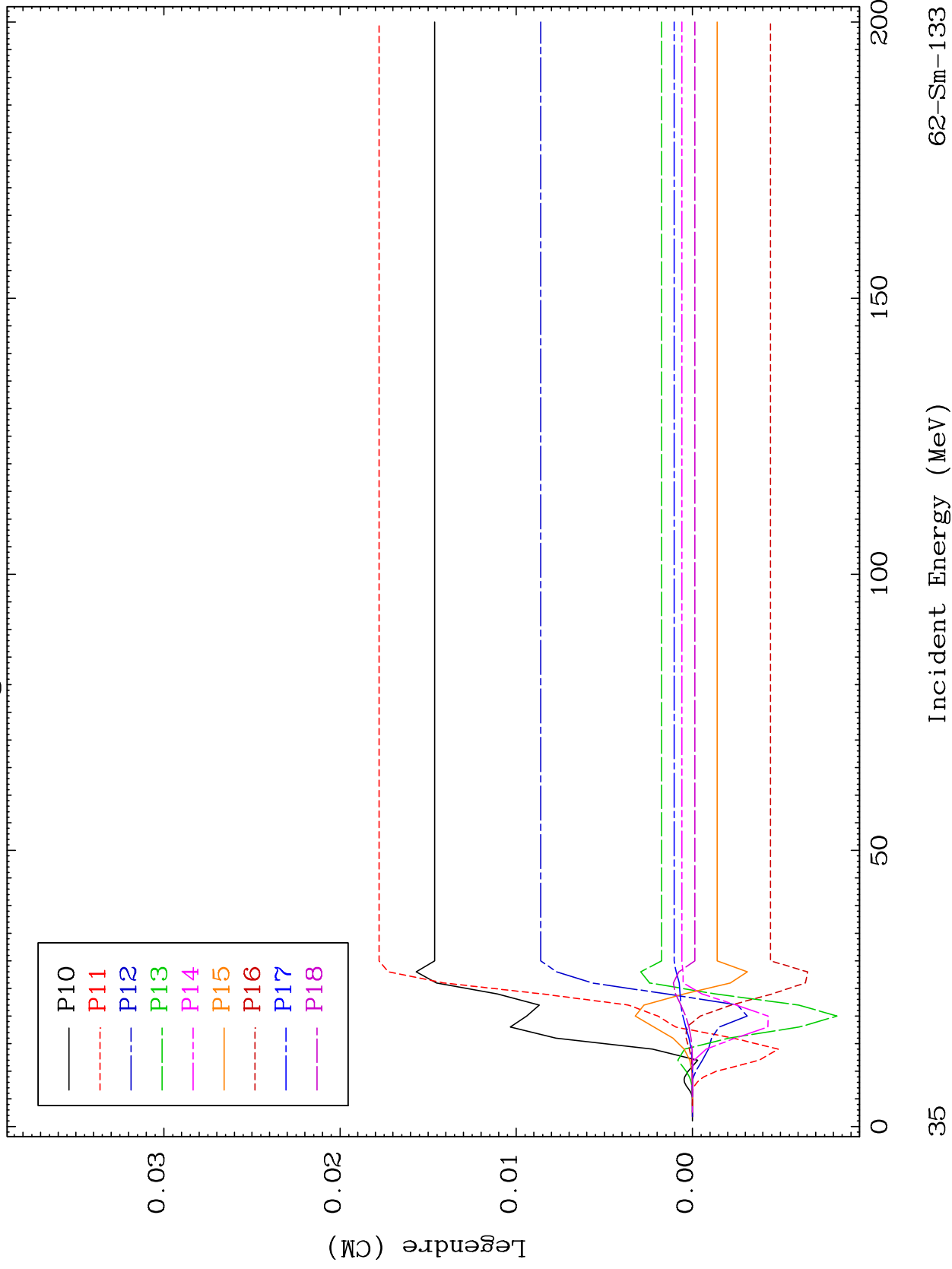
Incident Energy (MeV)

62-Sm-133

MAT 6192

MT= 55 (n,n') Level  
Legendre Coefficients

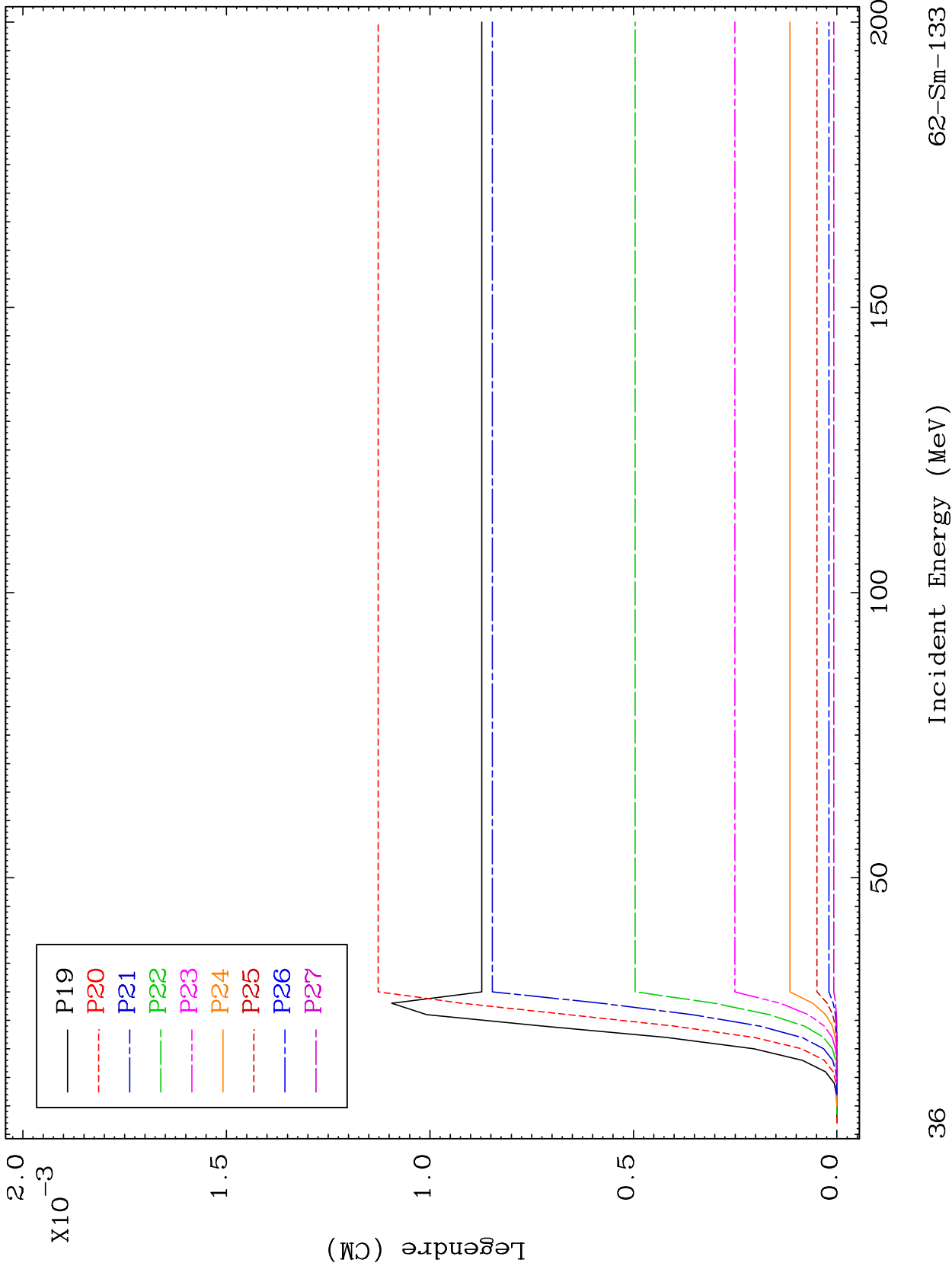
62-Sm-133

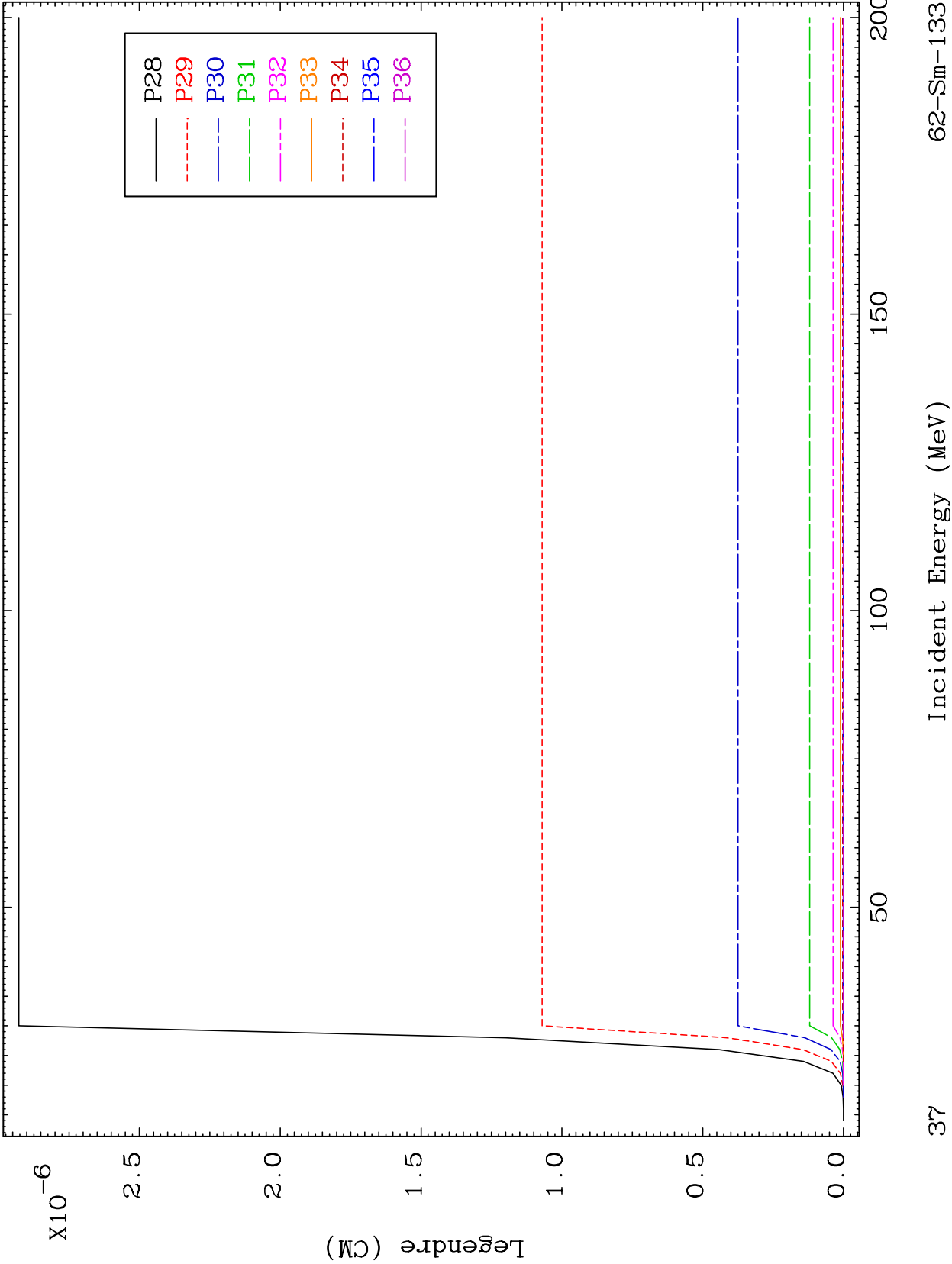


62-Sm-133

Incident Energy (MeV)

35

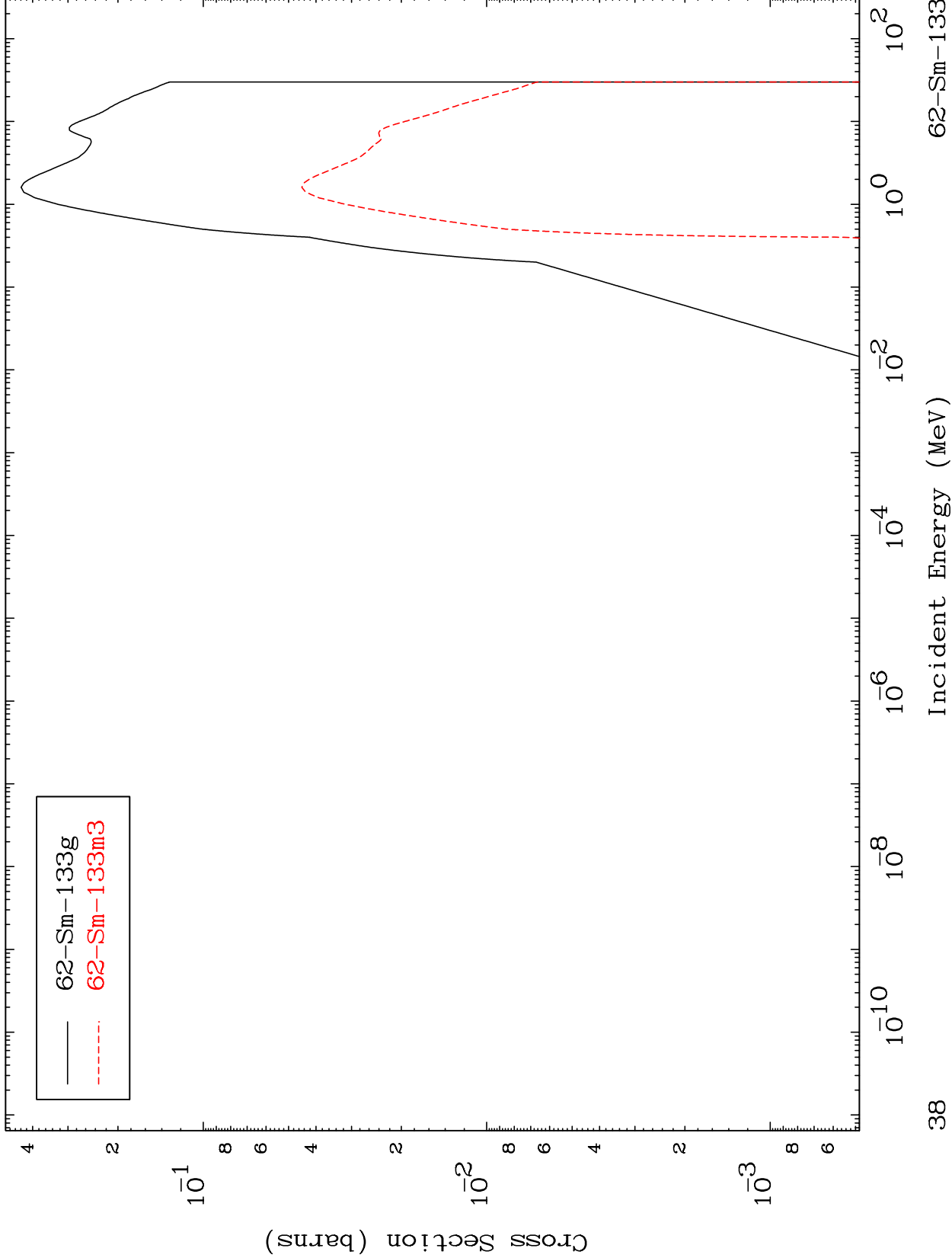




MAT 6192

Inelastic  
Radionuclide Production Cross Section

<sup>62</sup>Sm-133



(n,p)  
Radionuclide Production Cross Section

