

Program EVALPLOT
(Version 2021-1)

by

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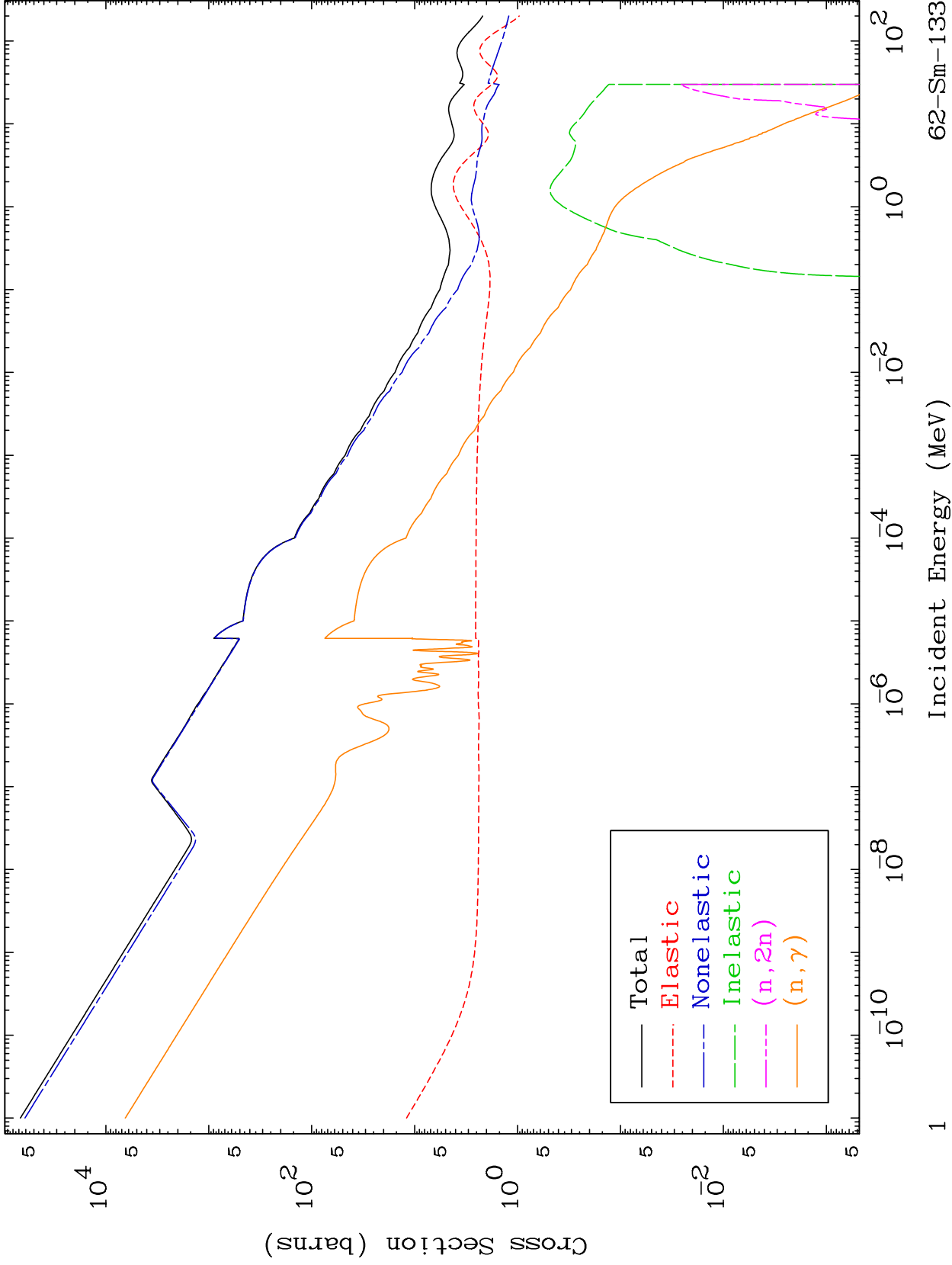
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6192

Neutron Major
293 Kelvin Cross Sections

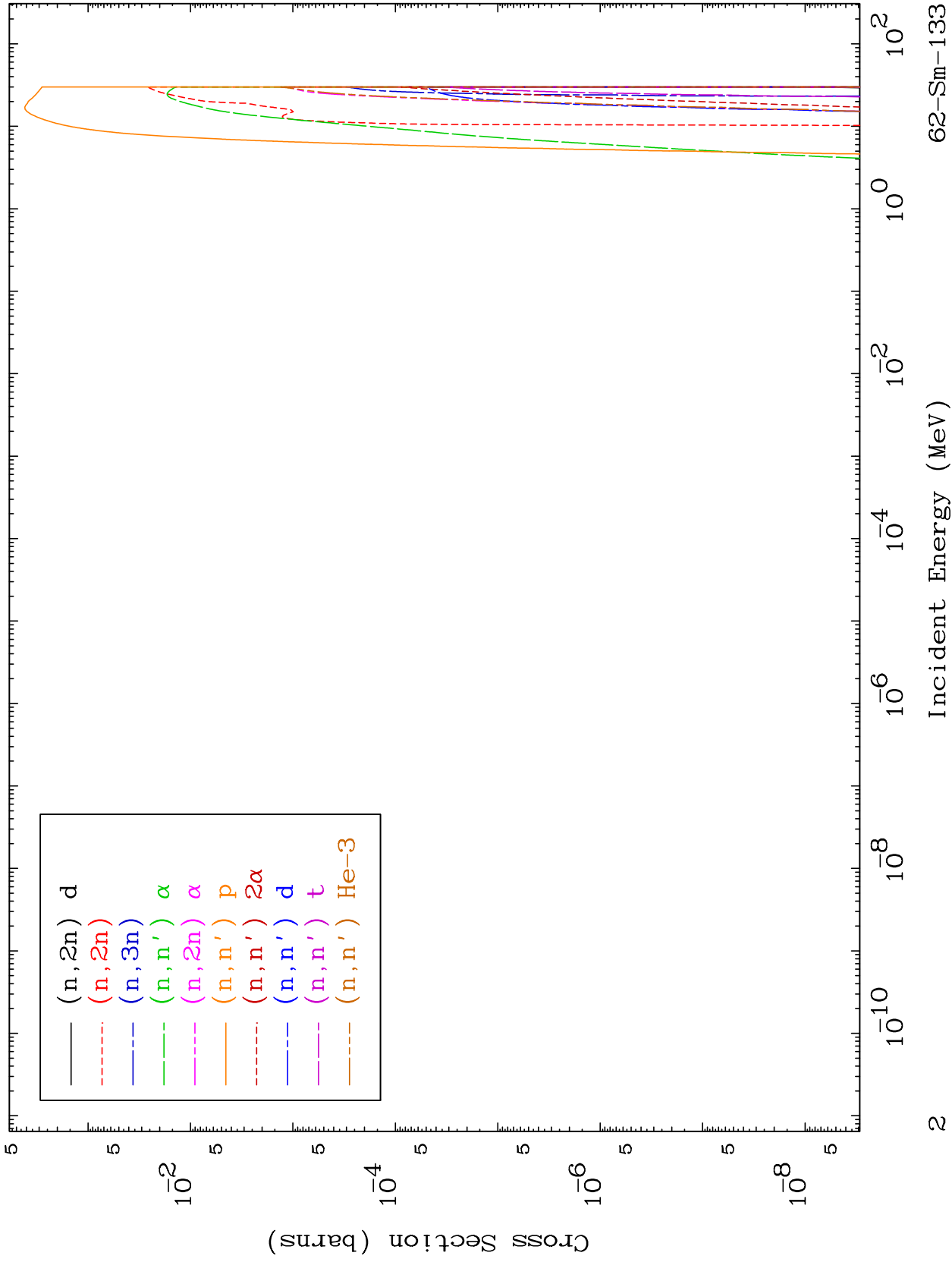
62-Sm-133



MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

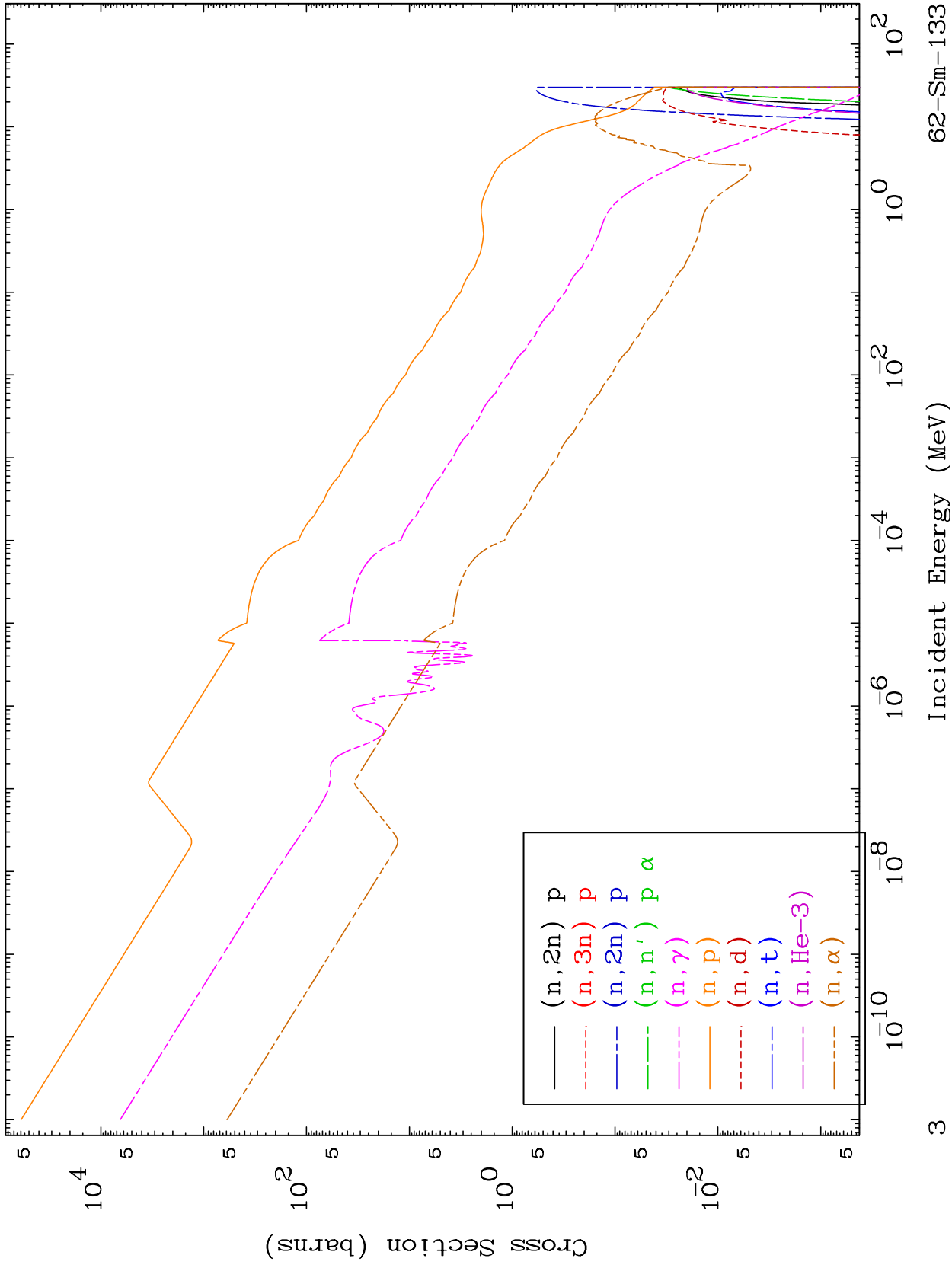
62-Sm-133



MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

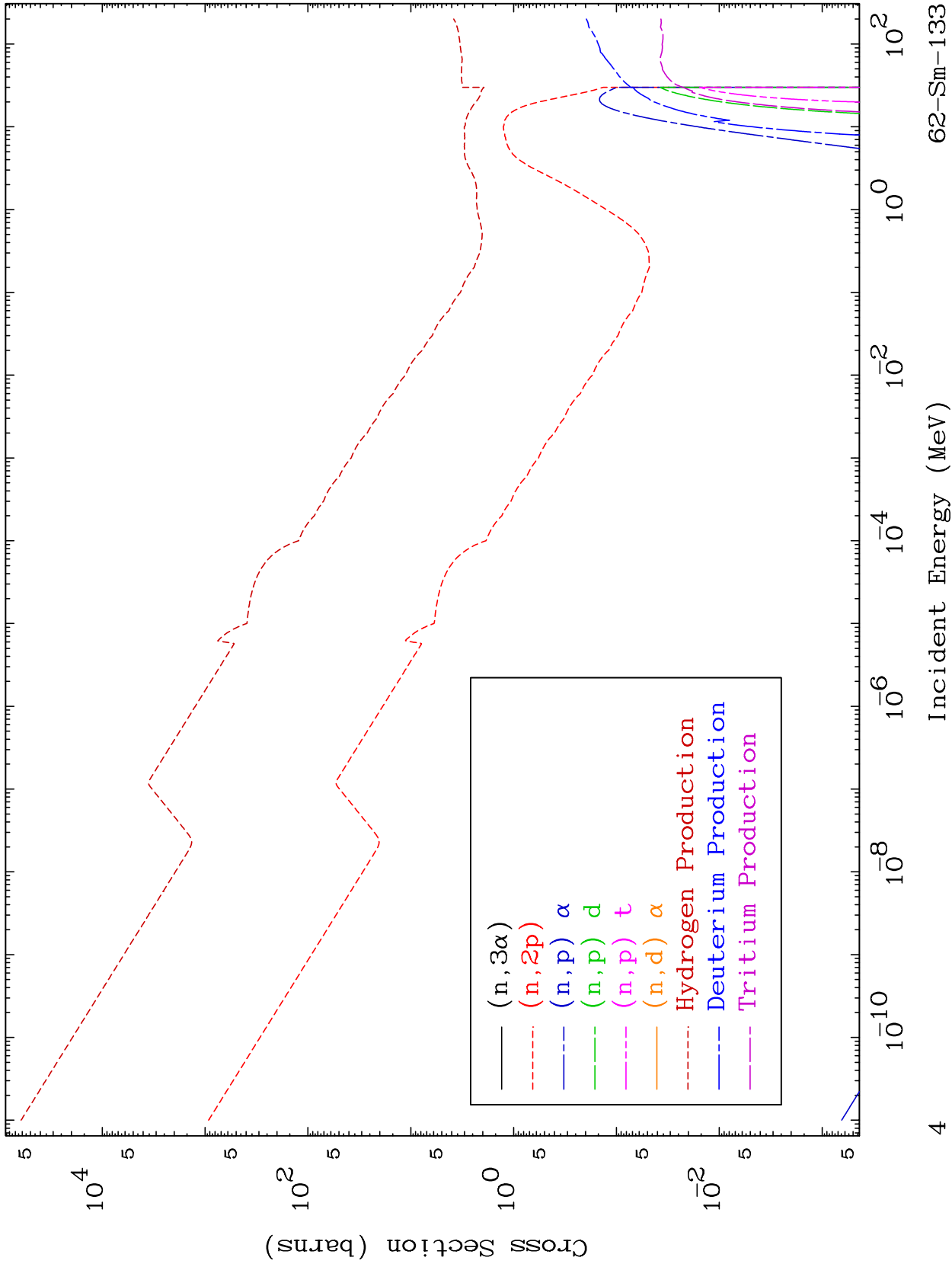
62-Sm-133

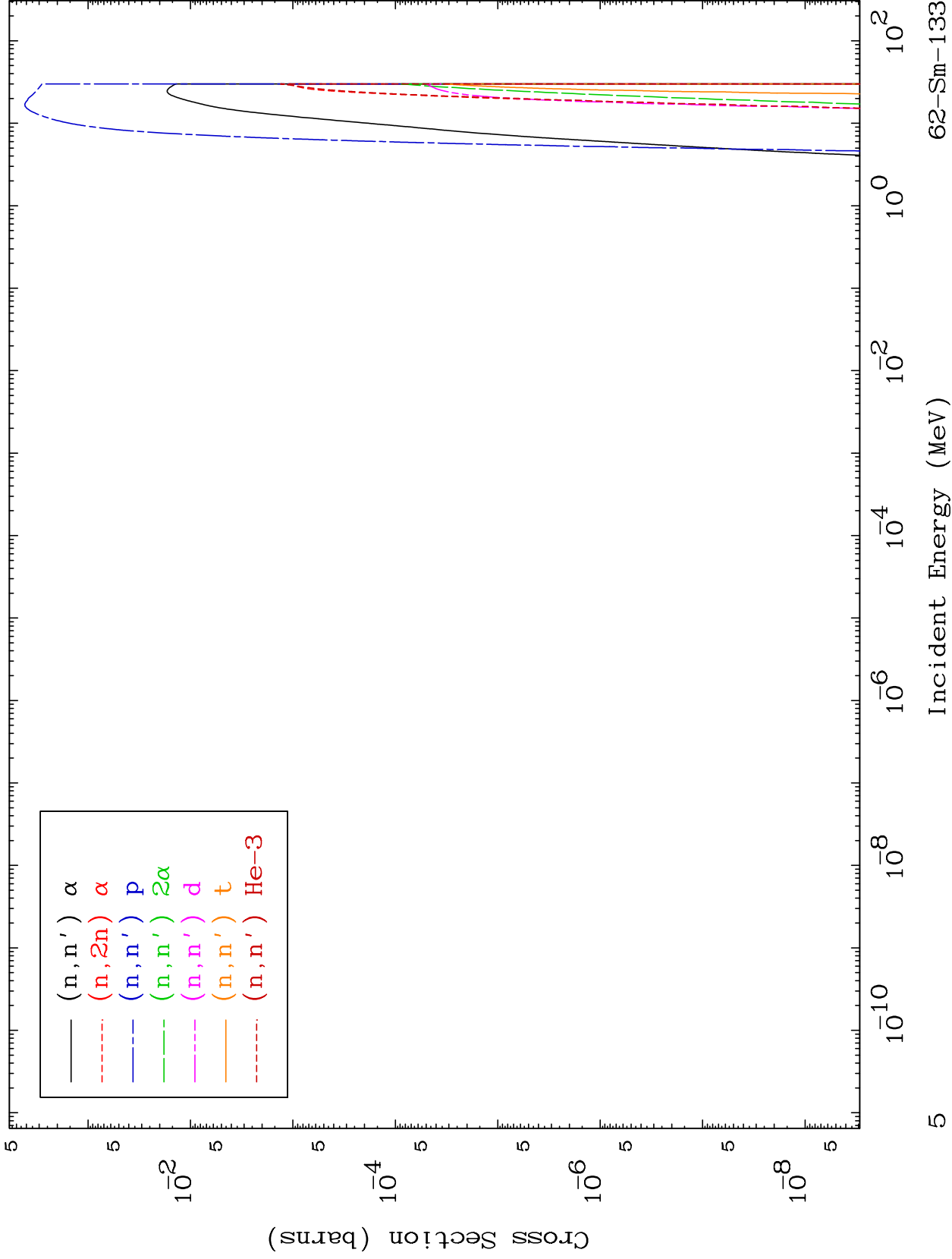


MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-133

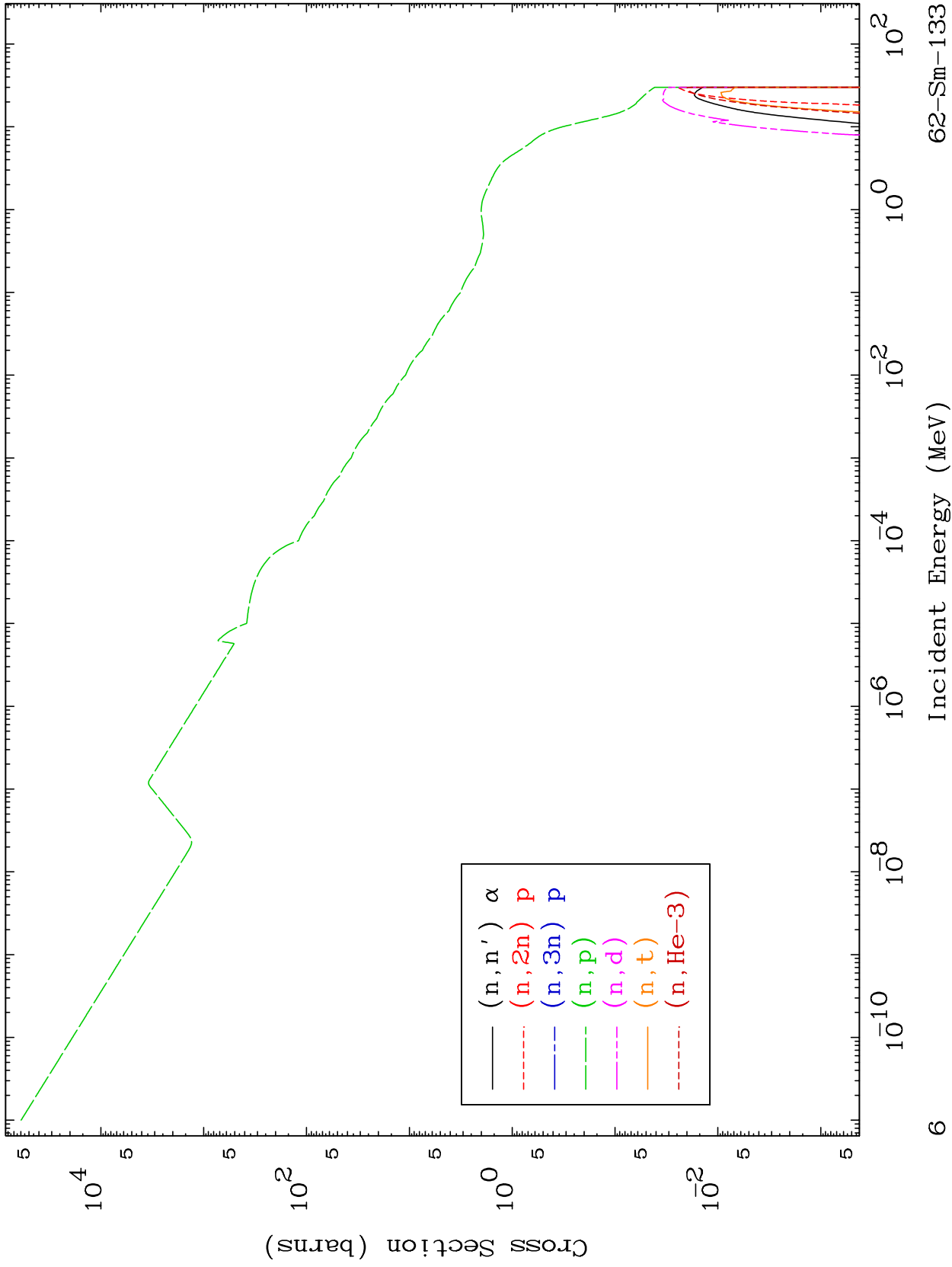


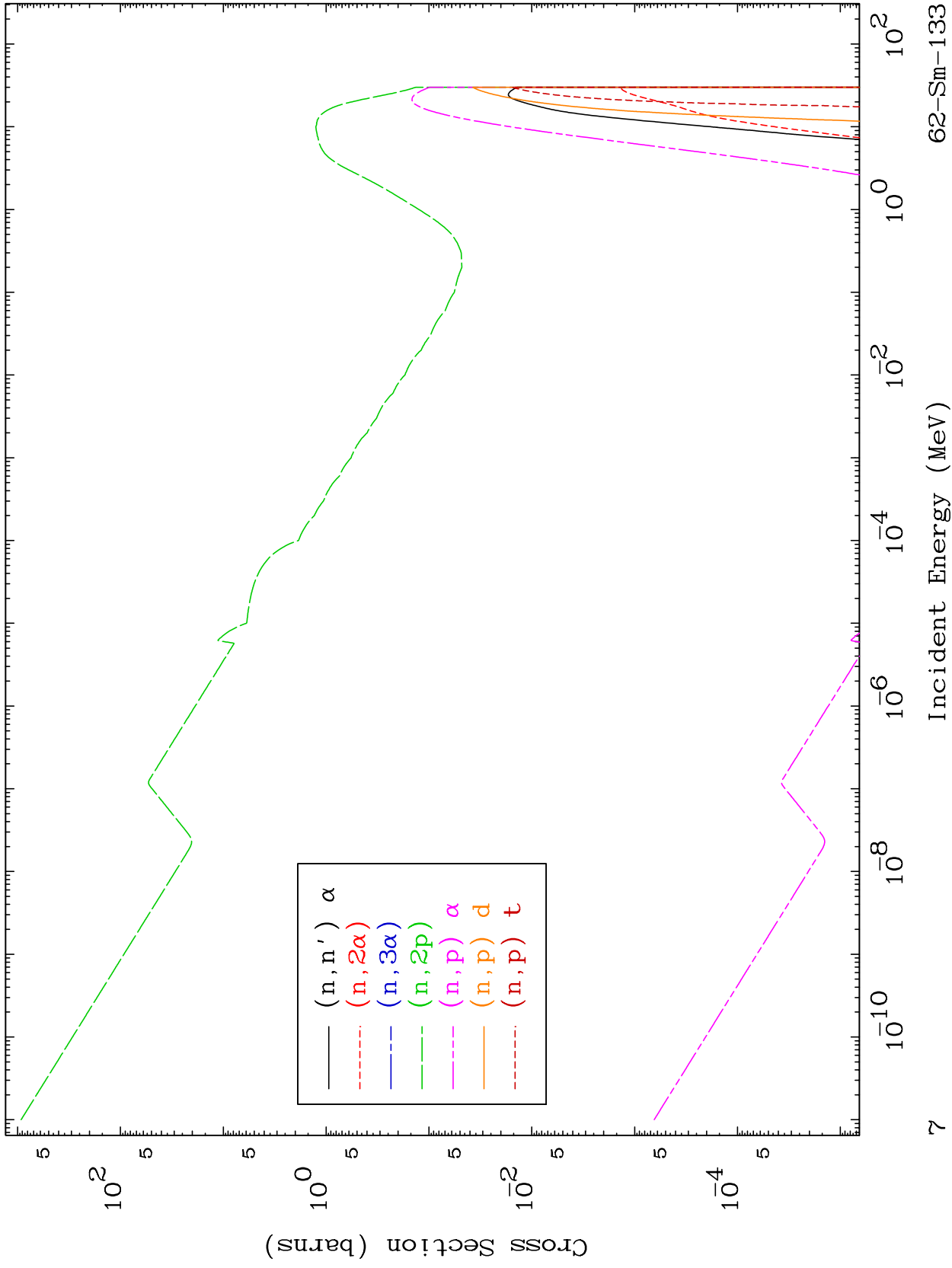


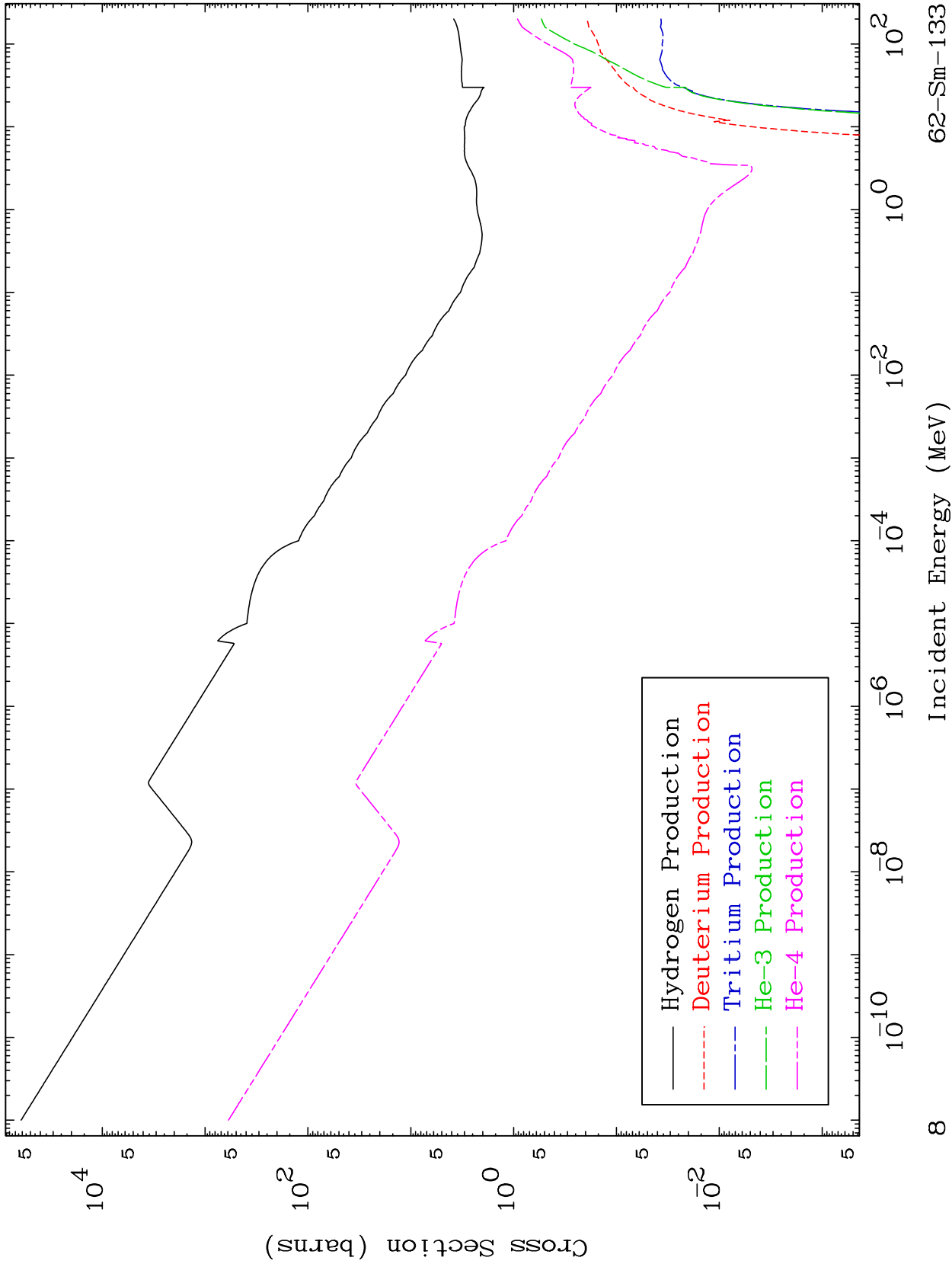
MAT 6192

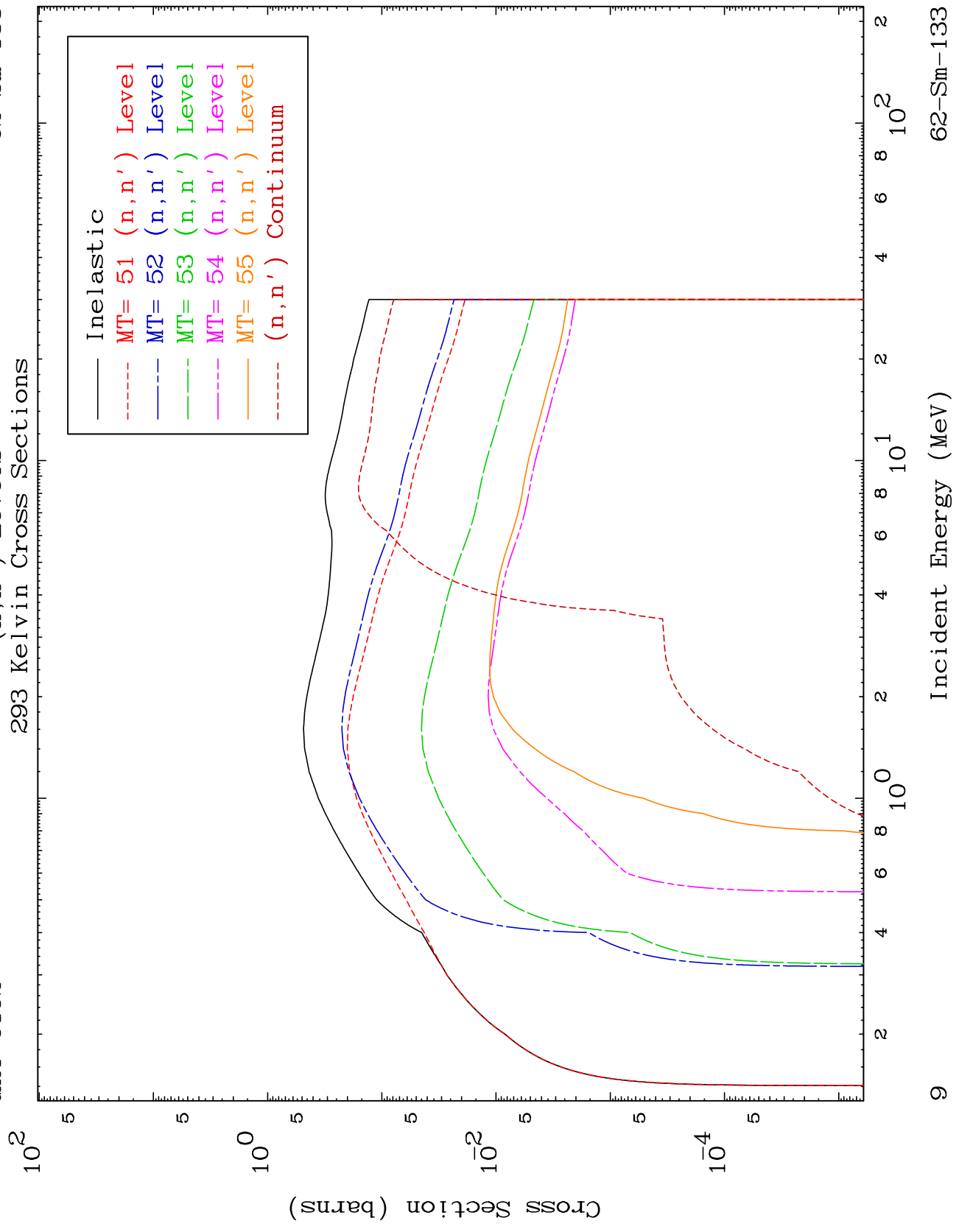
Charged Particle
293 Kelvin Cross Sections

62-Sm-133





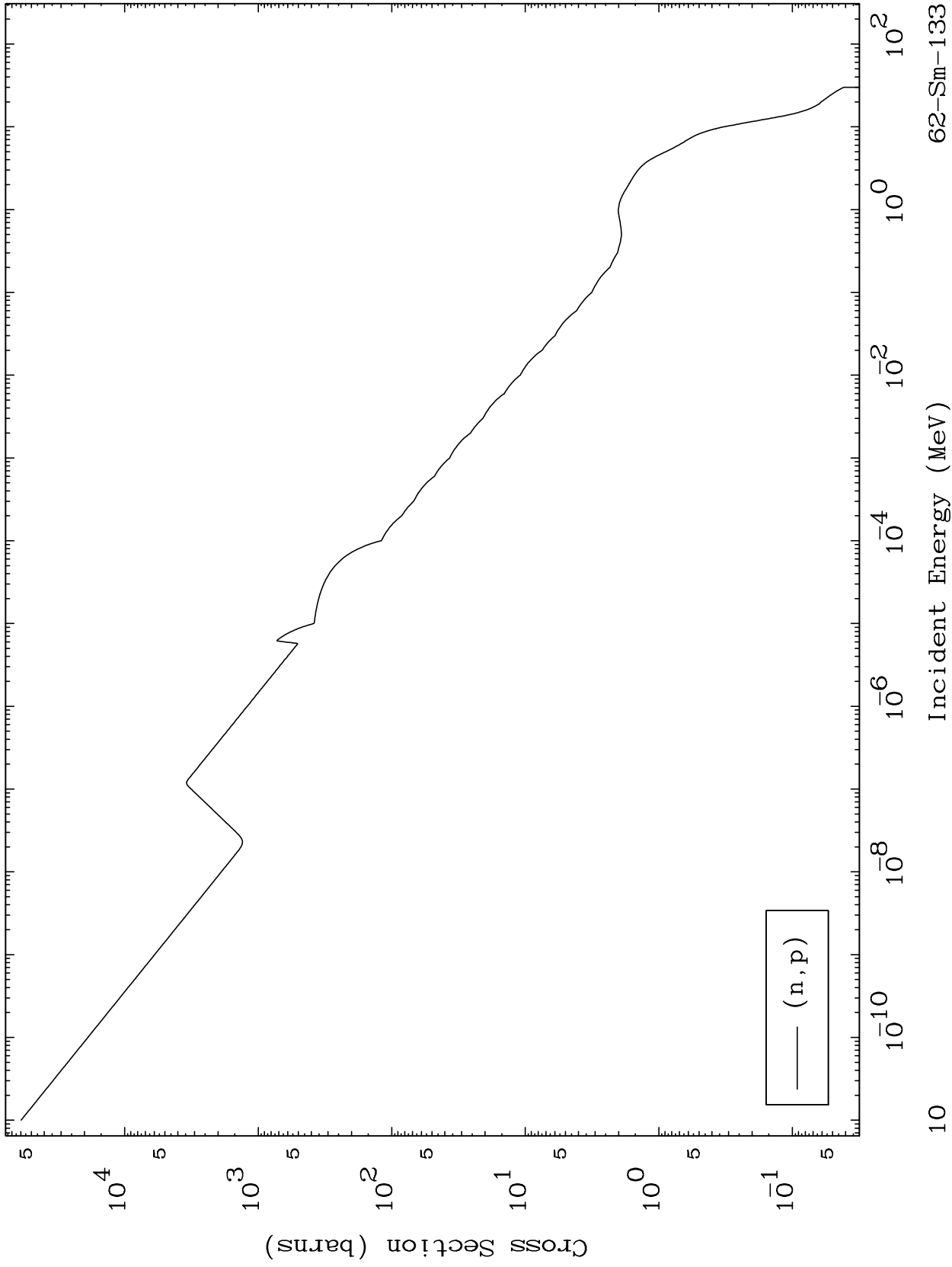




MAT 6192

(n,p) Levels
293 Kelvin Cross Sections

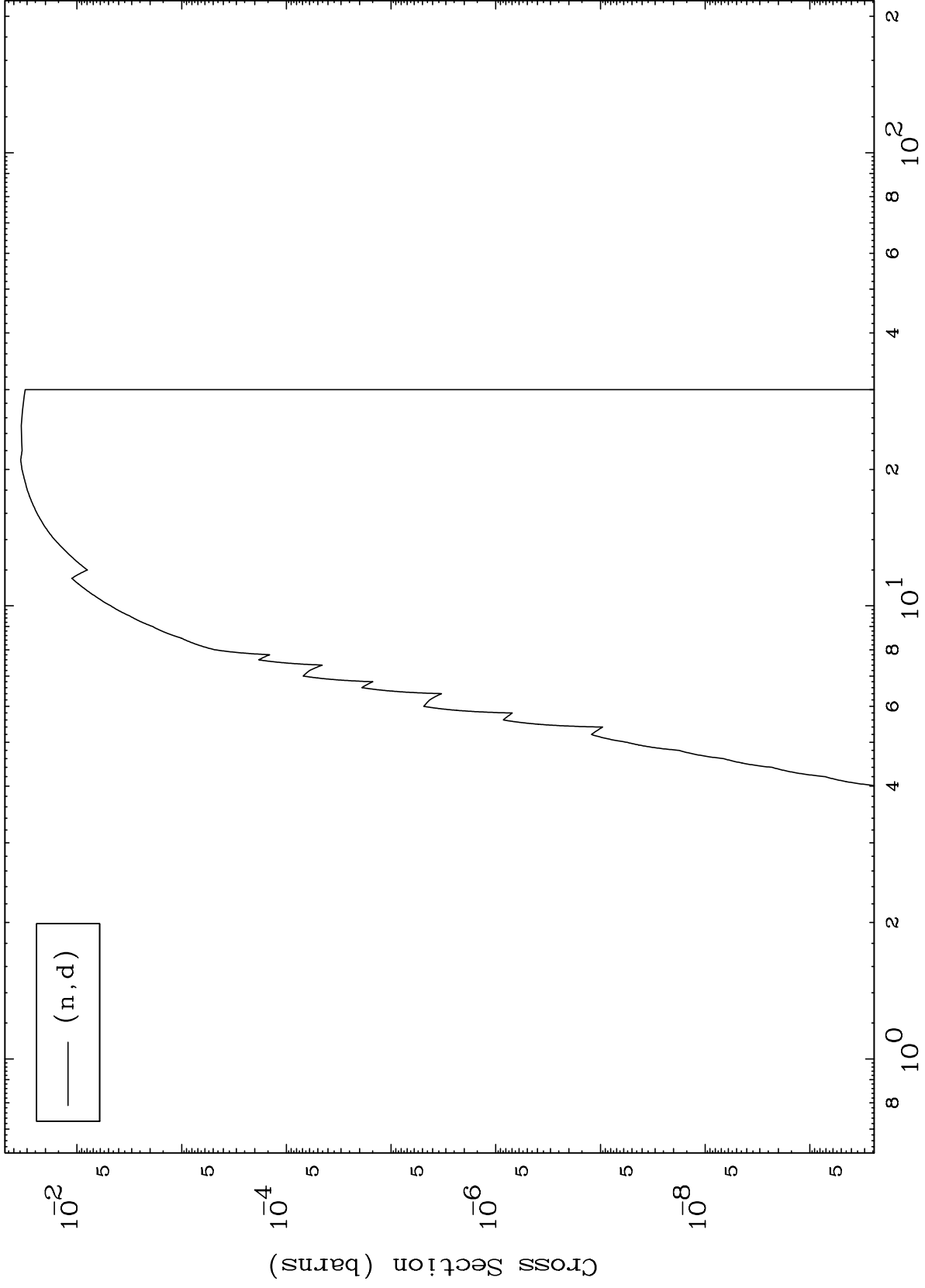
62-Sm-133



MAT 6192

(n,d) Levels
293 Kelvin Cross Sections

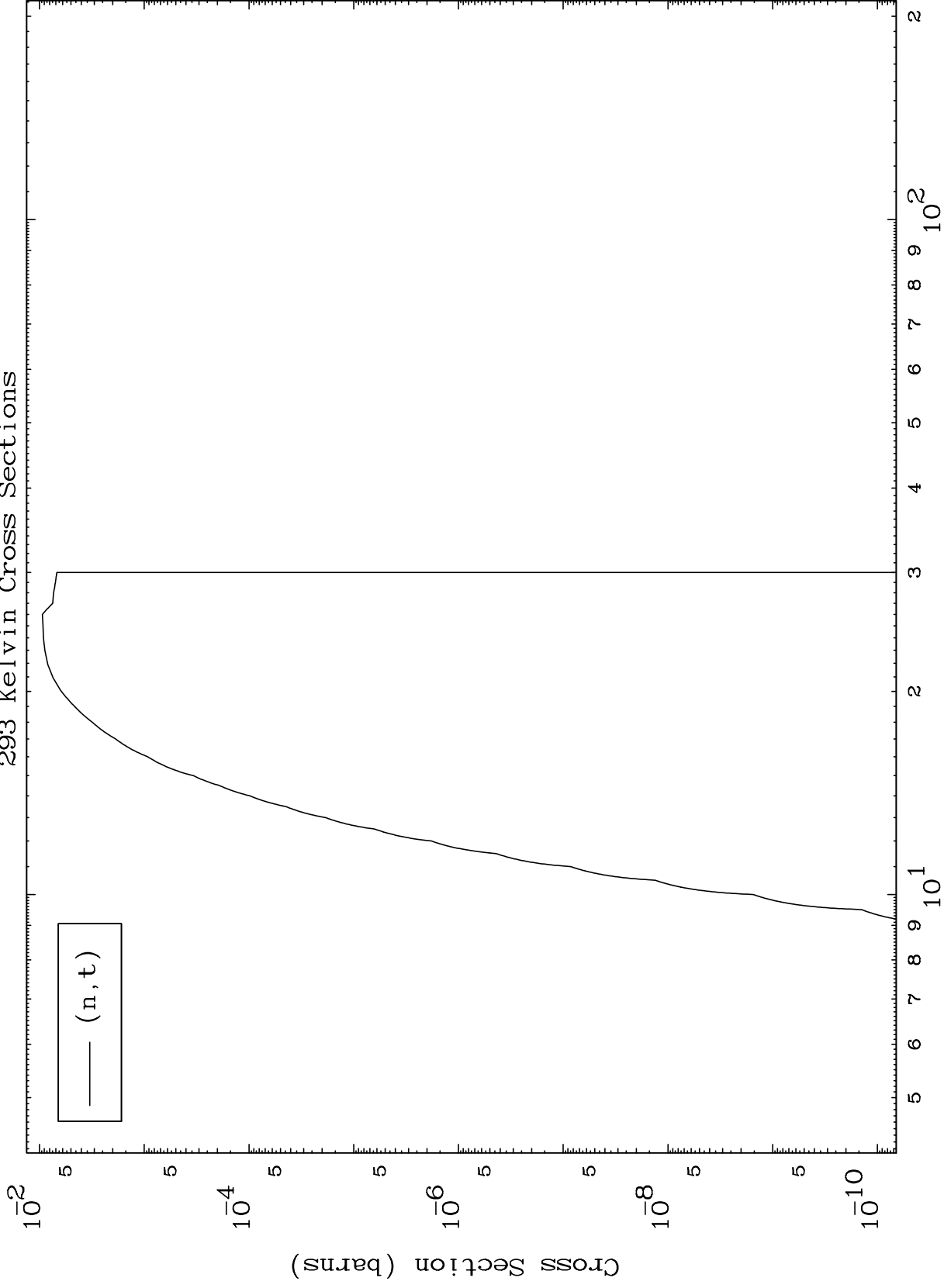
62-Sm-133



MAT 6192

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-133



12

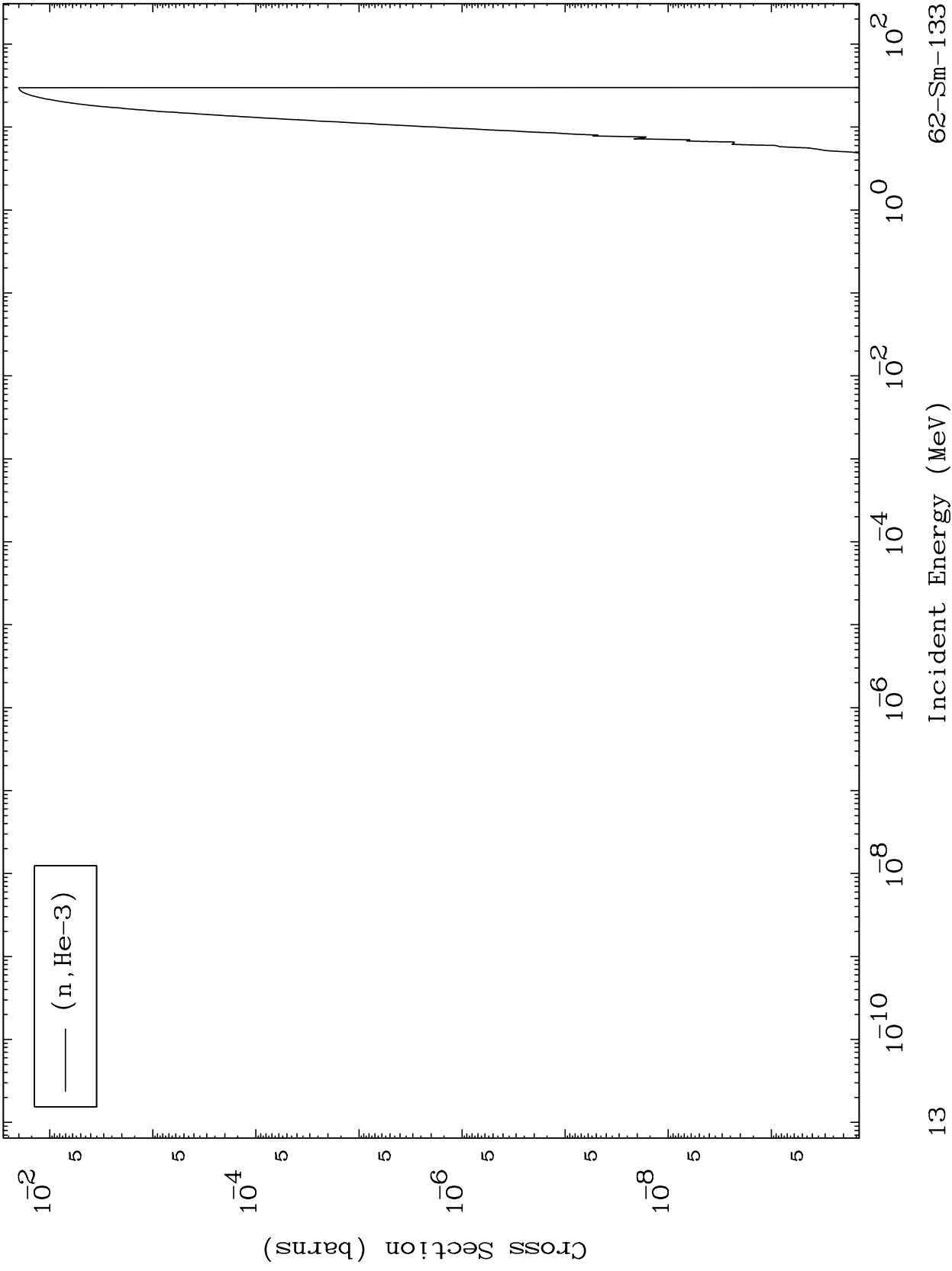
Incident Energy (MeV)

62-Sm-133

MAT 6192

(n,He3) Levels
293 Kelvin Cross Sections

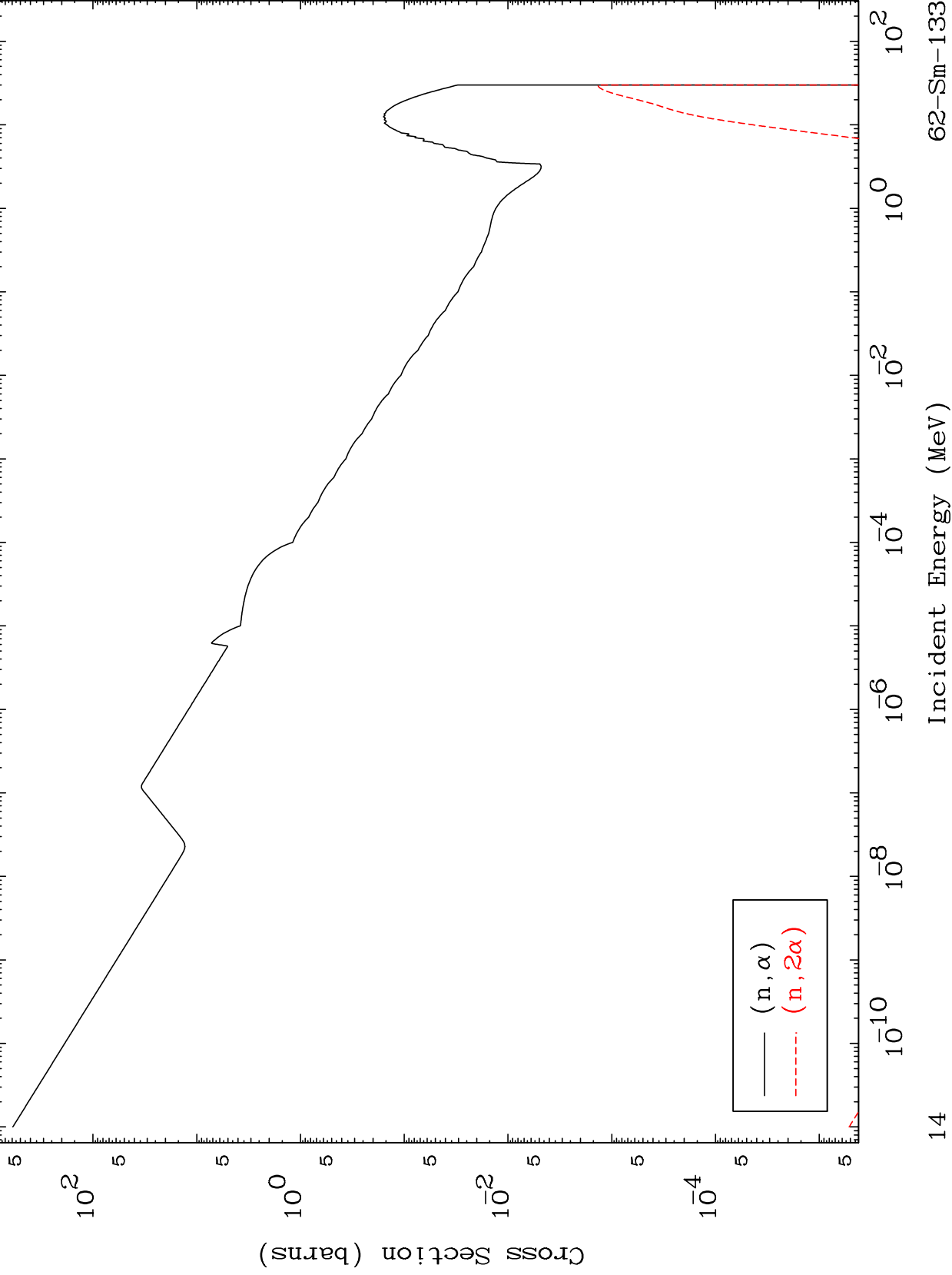
62-Sm-133



MAT 6192

(n, α) Levels
293 Kelvin Cross Sections

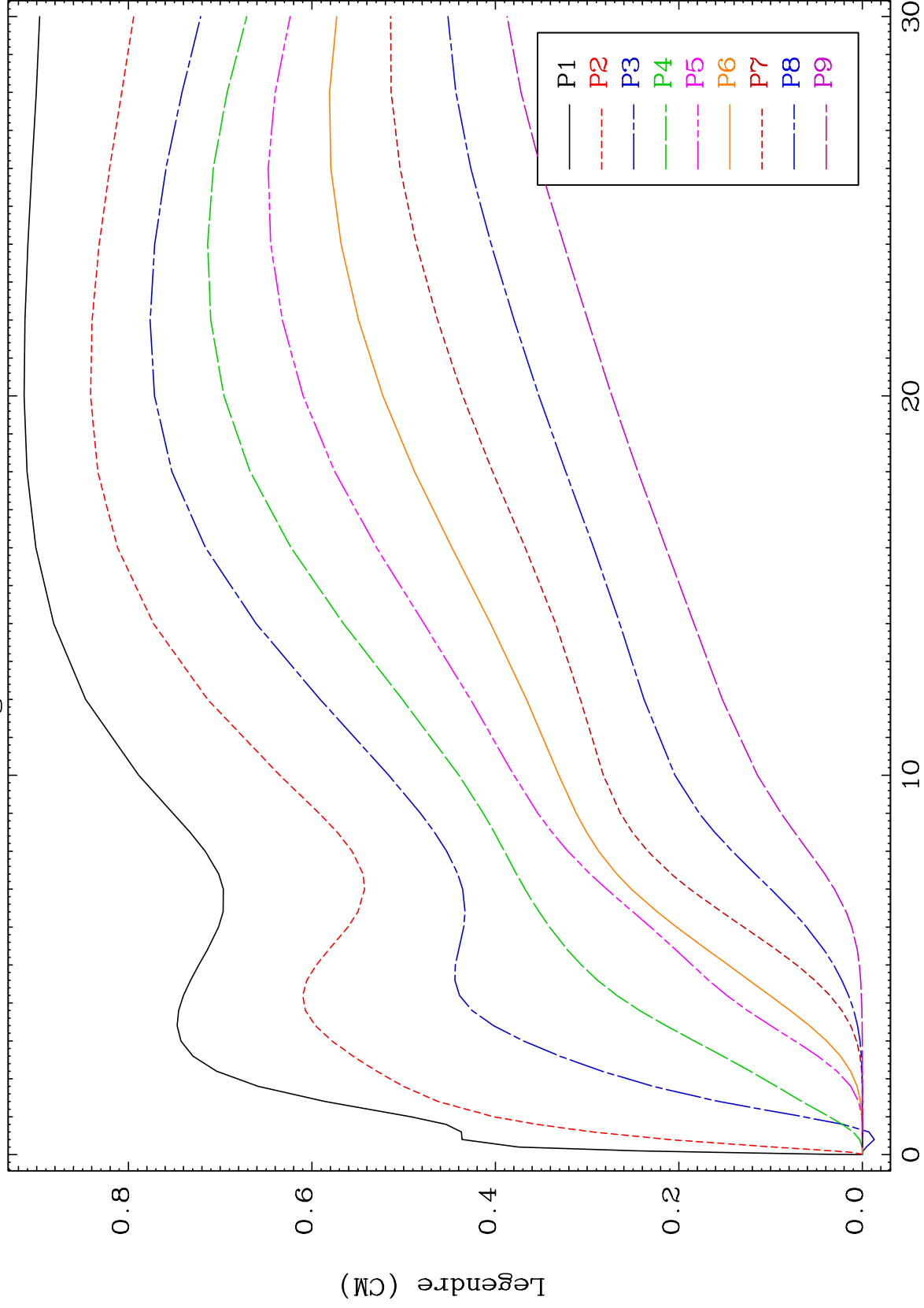
62-Sm-133



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Elastic Legendre Coefficients

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



15

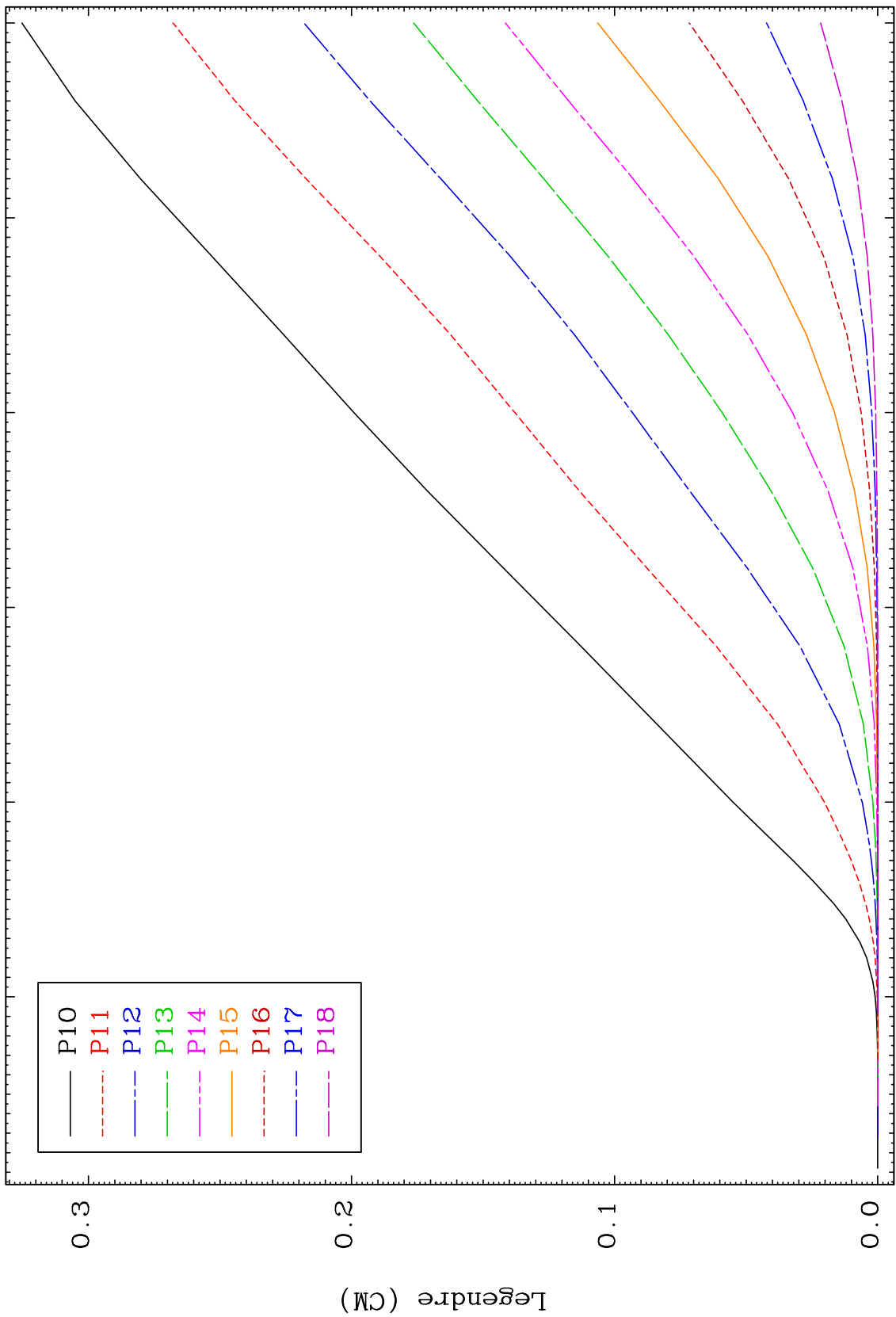
Incident Energy (MeV)

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

MAT 6192

Elastic Legendre Coefficients

62-Sm-133



16

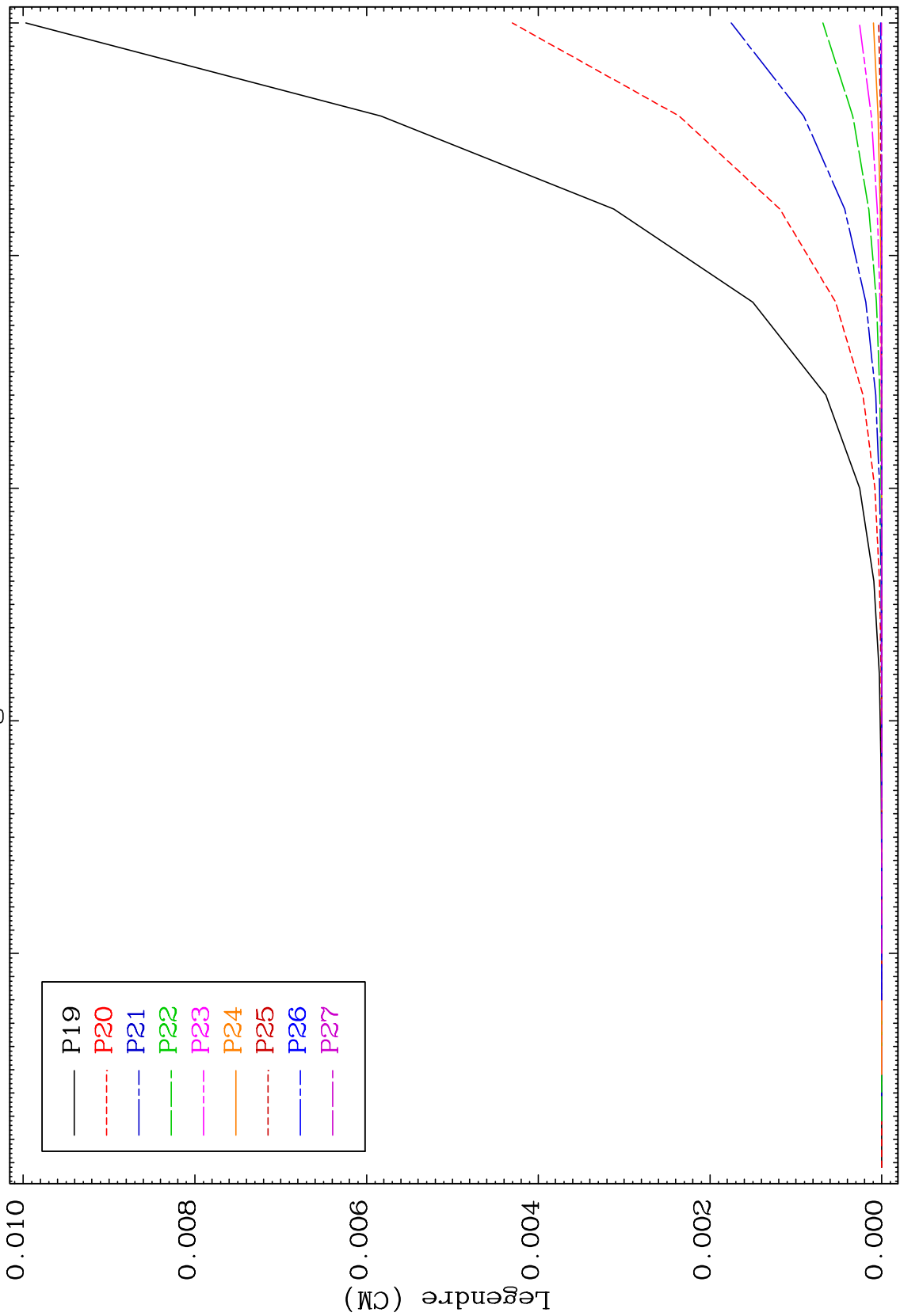
Incident Energy (MeV)

62-Sm-133

MAT 6192

Elastic Legendre Coefficients

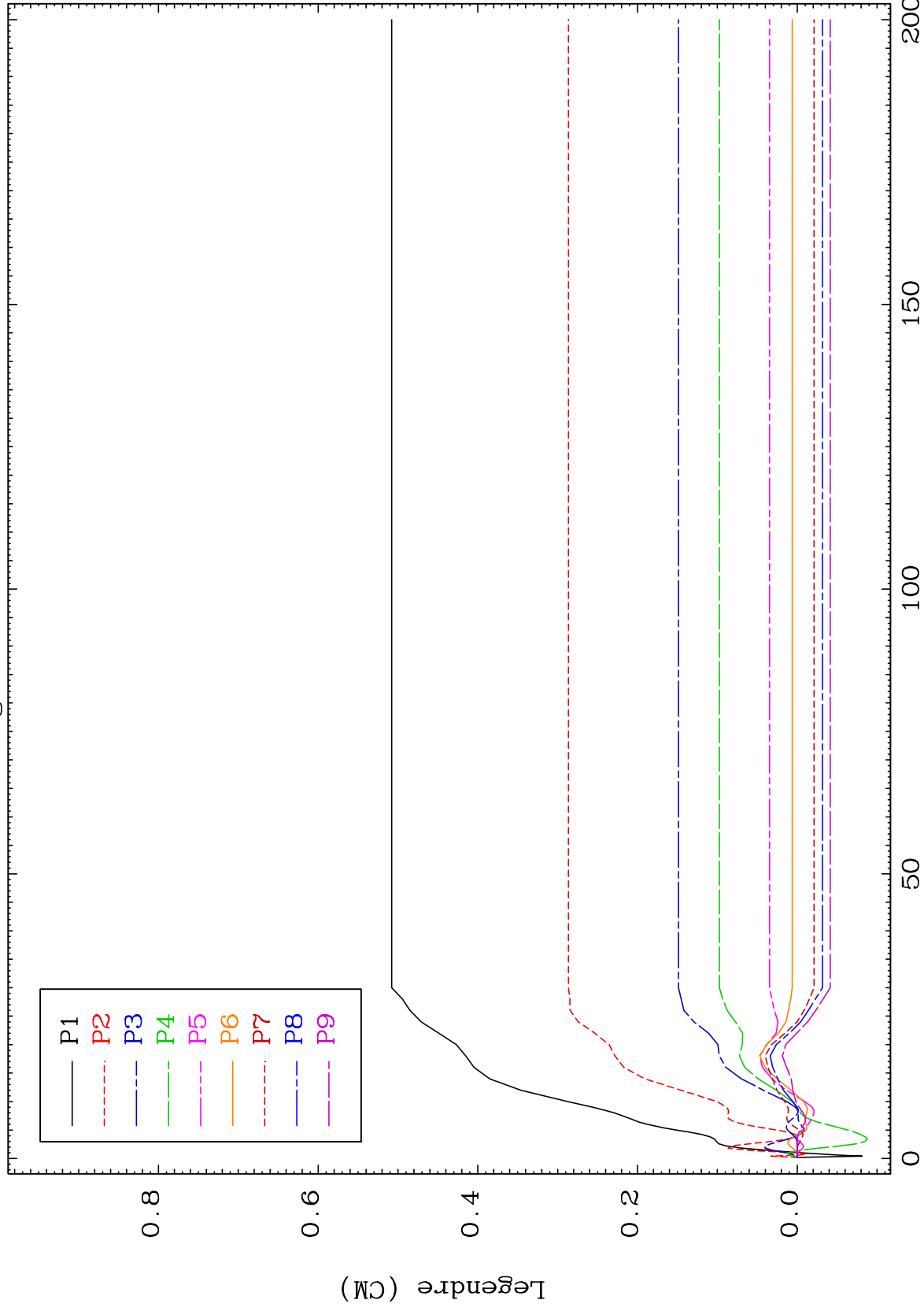
⁶²Sm-133



17

⁶²Sm-133

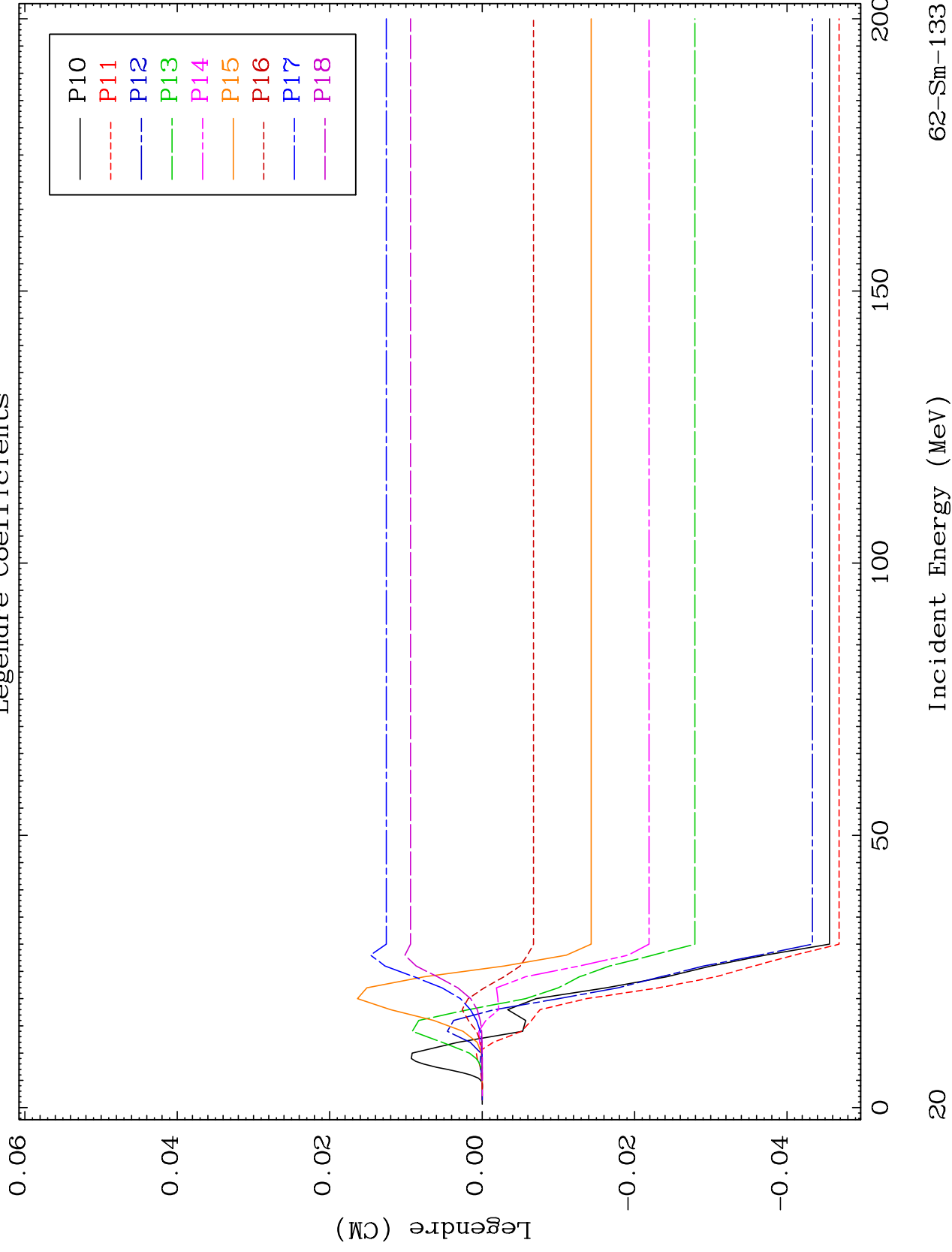
Incident Energy (MeV)

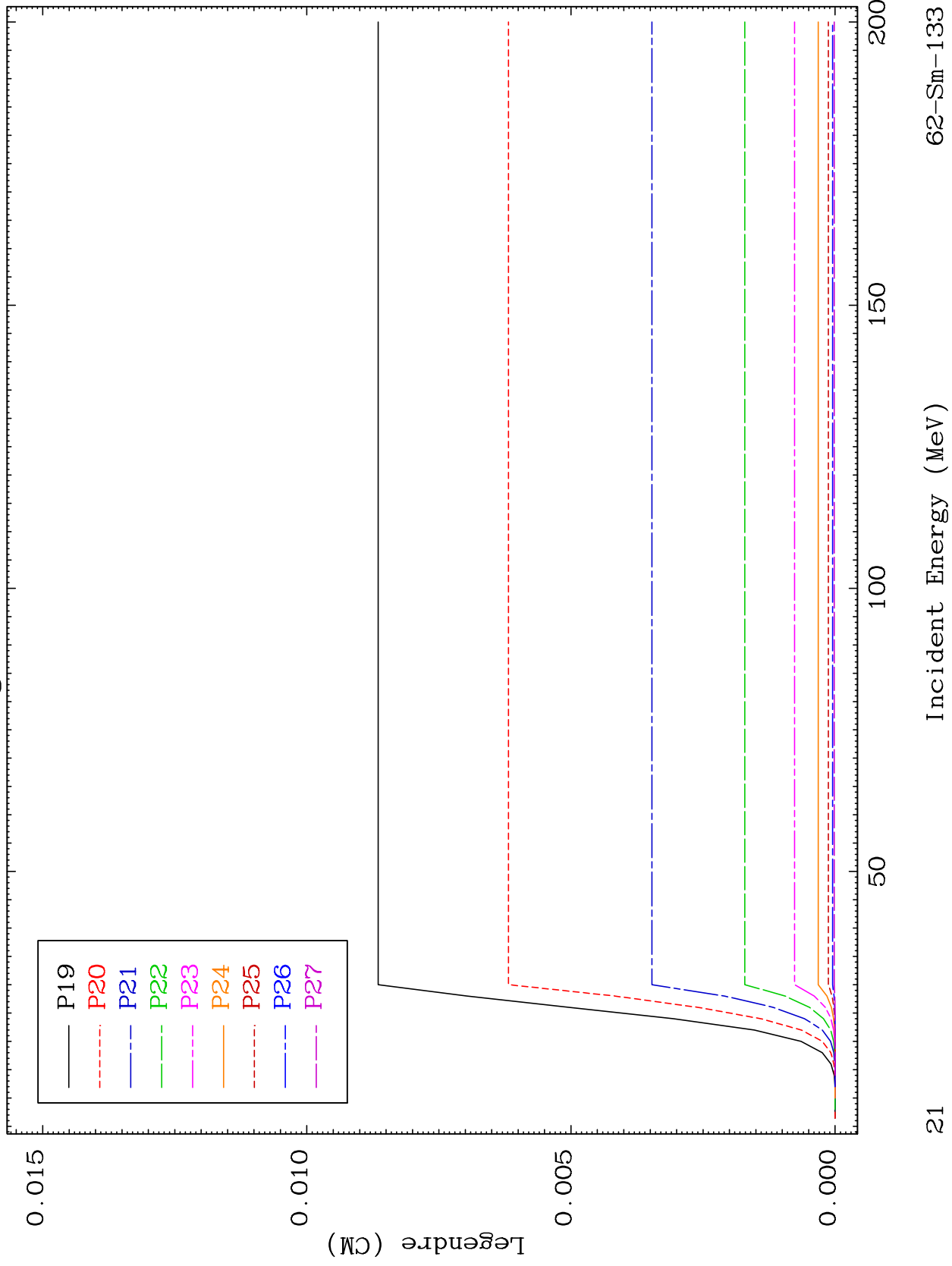


MAT 6192

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

62-Sm-133

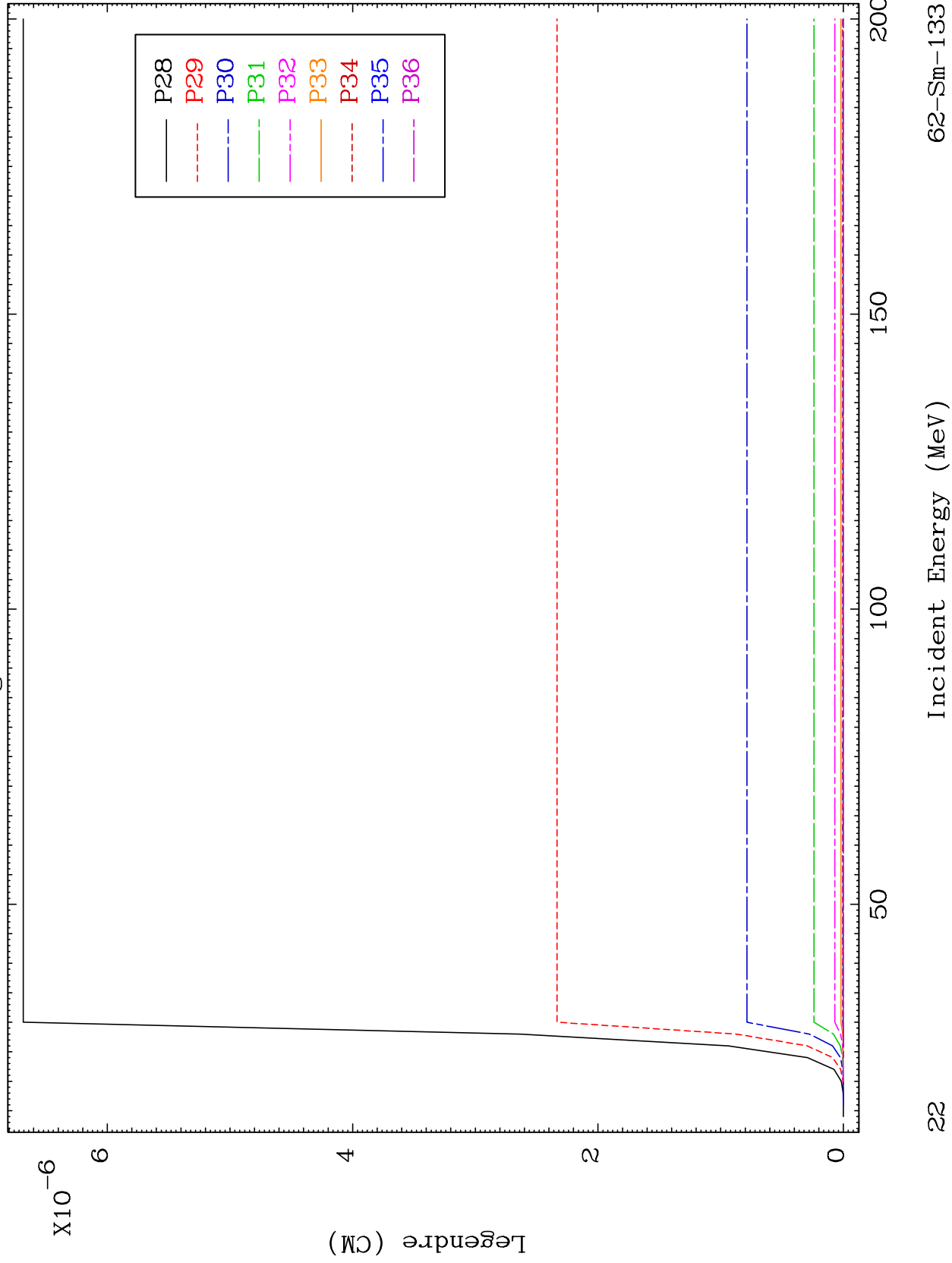




MAT 6192

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

62-Sm-133



22

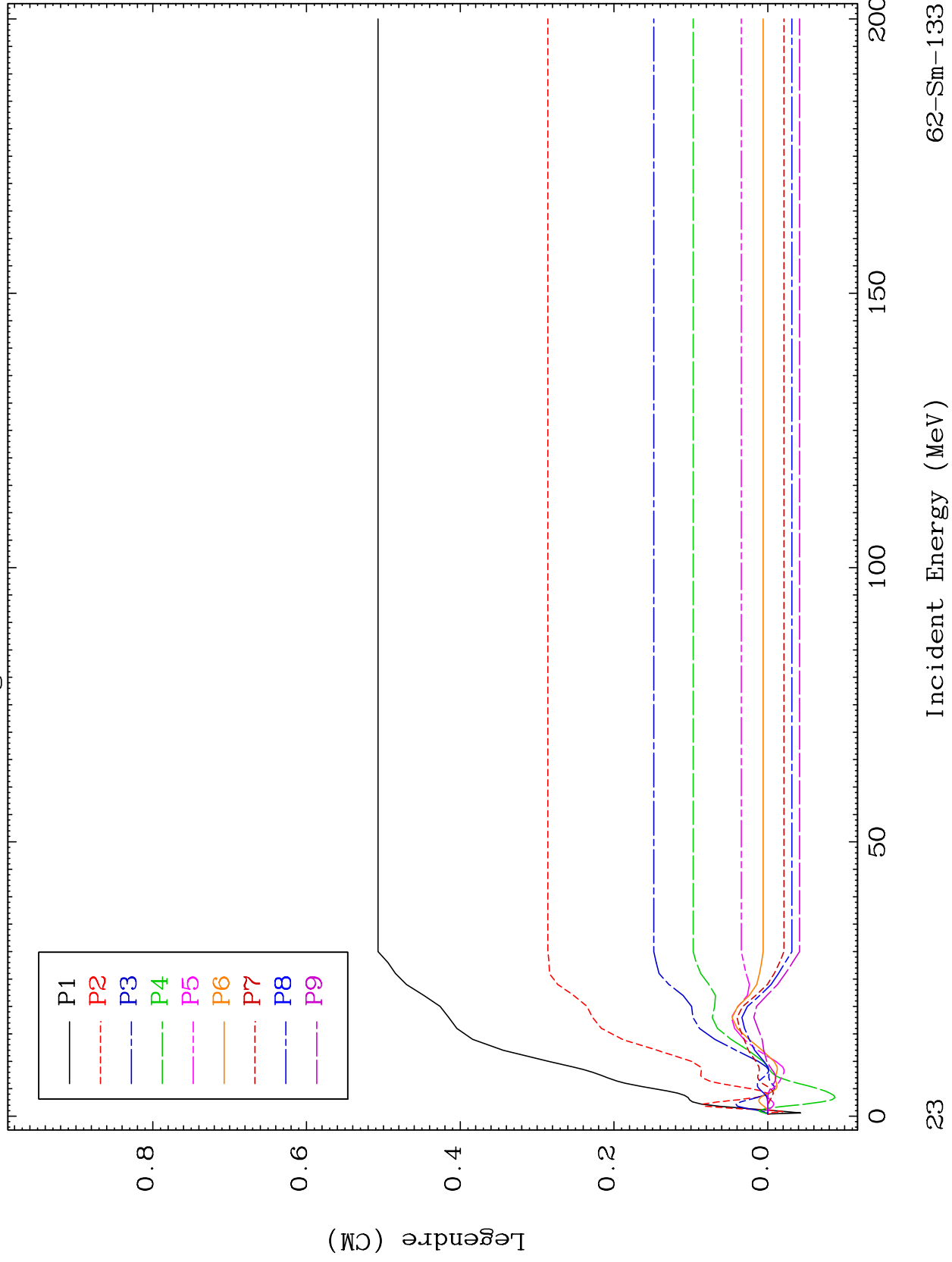
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

62-Sm-133



62-Sm-133

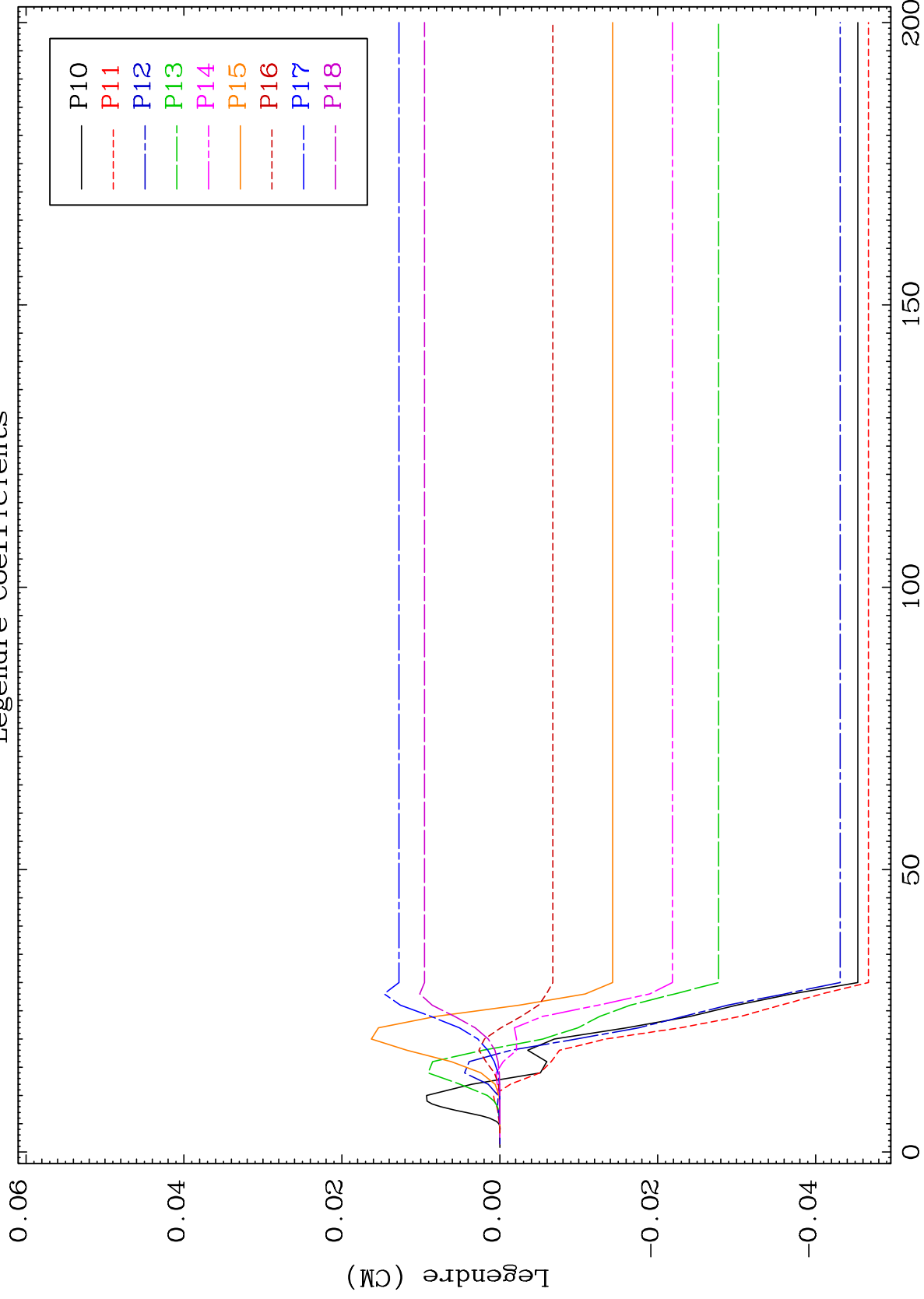
Incident Energy (MeV)

23

MAT 6192

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

62-Sm-133



24

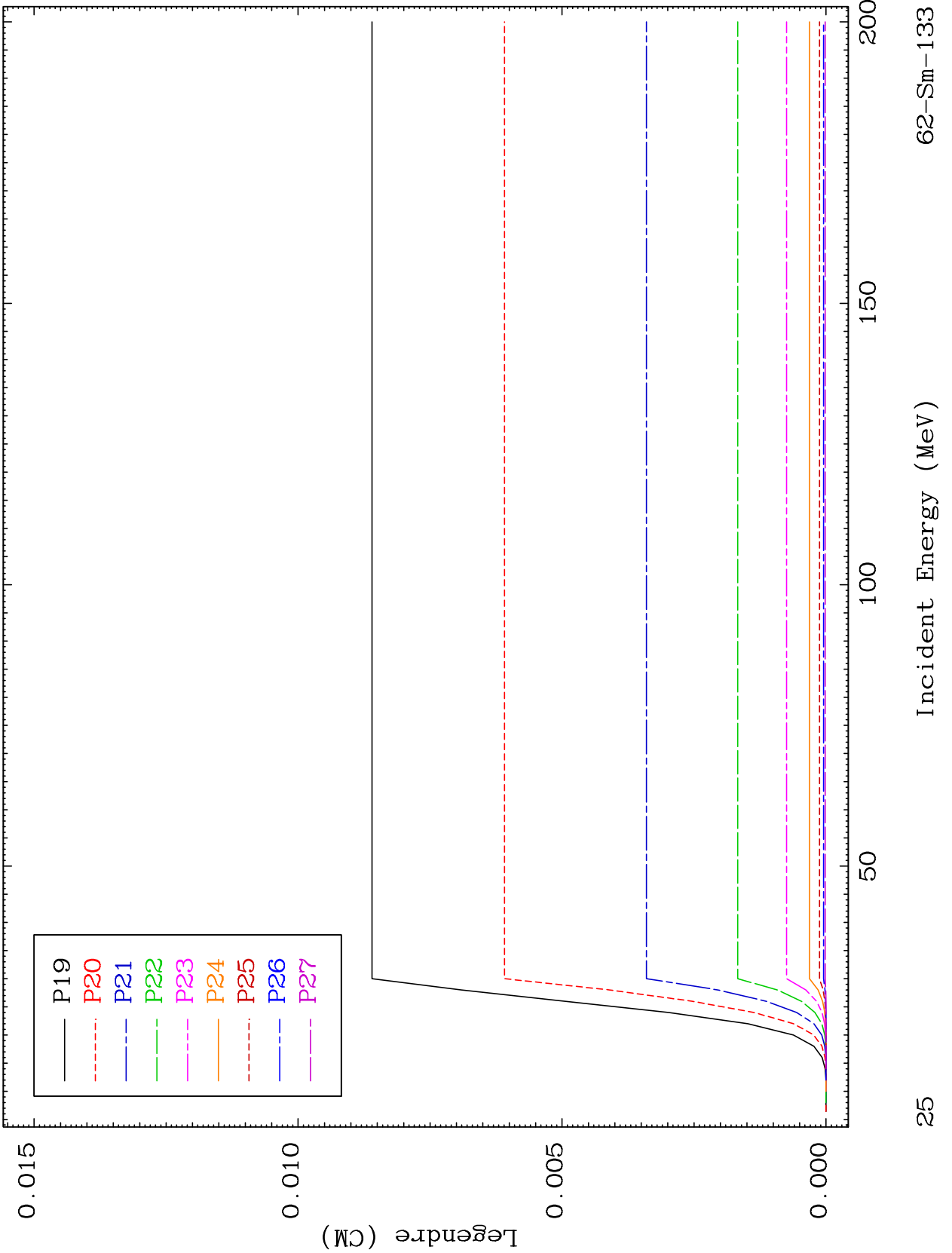
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

62-Sm-133



25

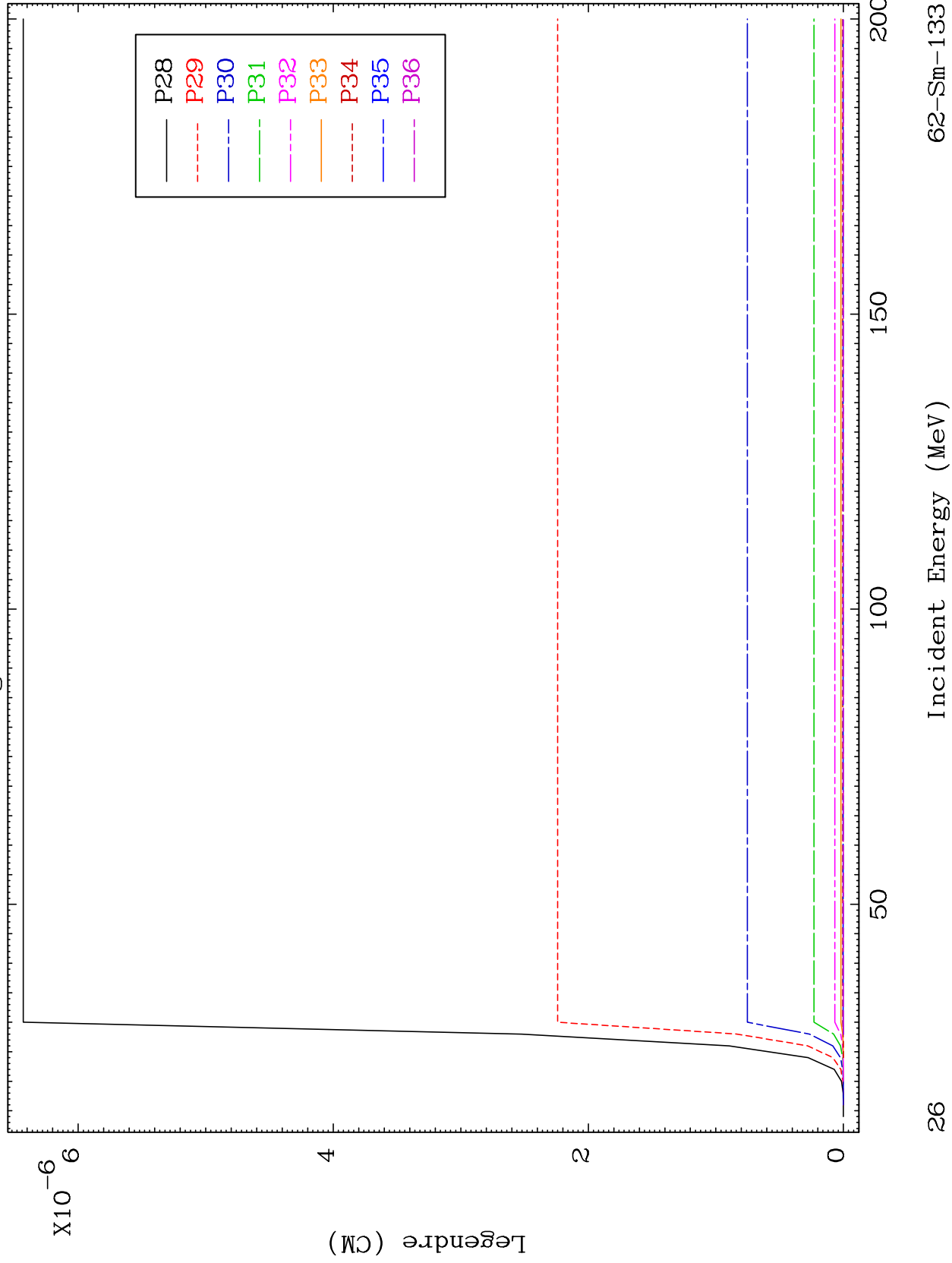
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

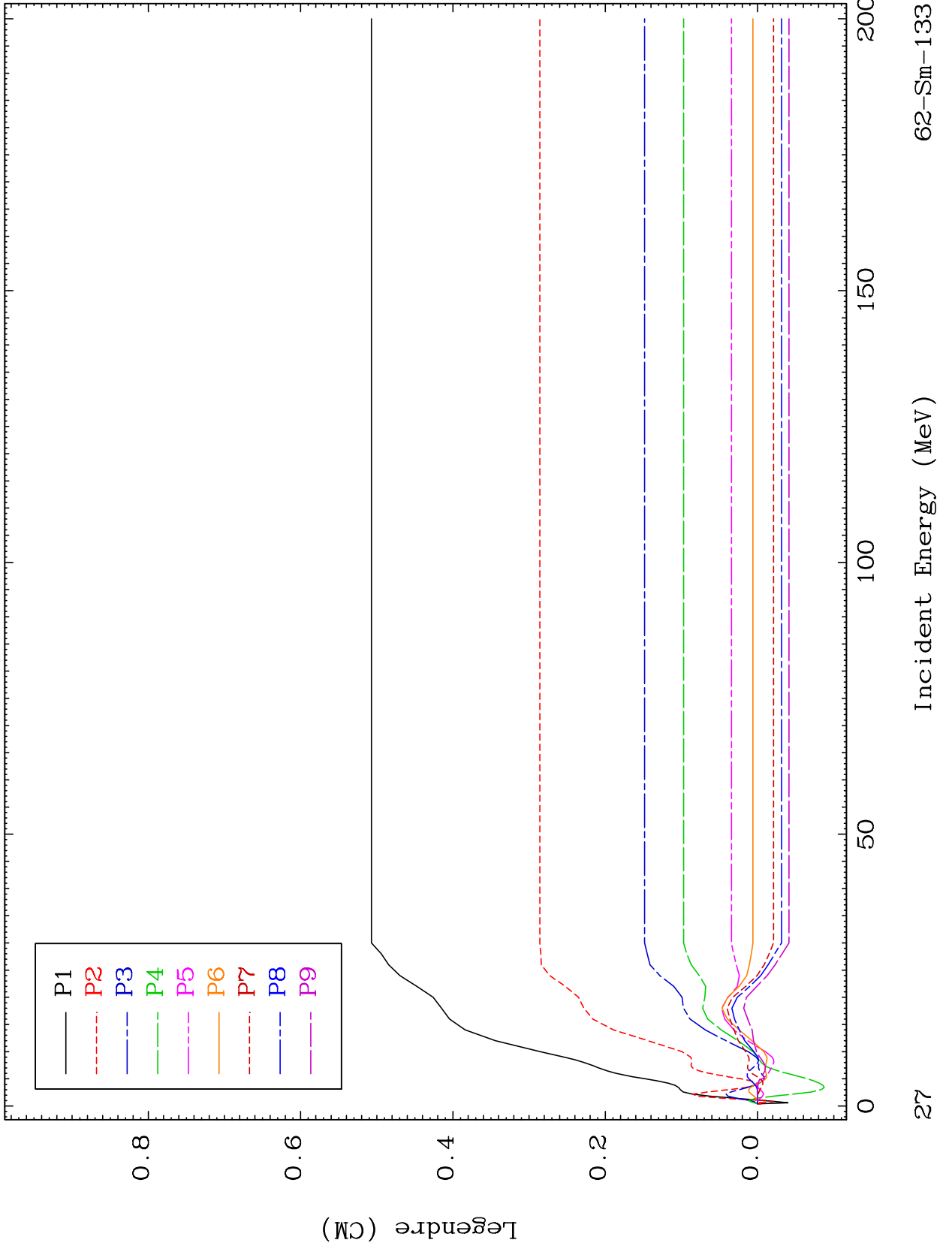
62-Sm-133



26

Incident Energy (MeV)

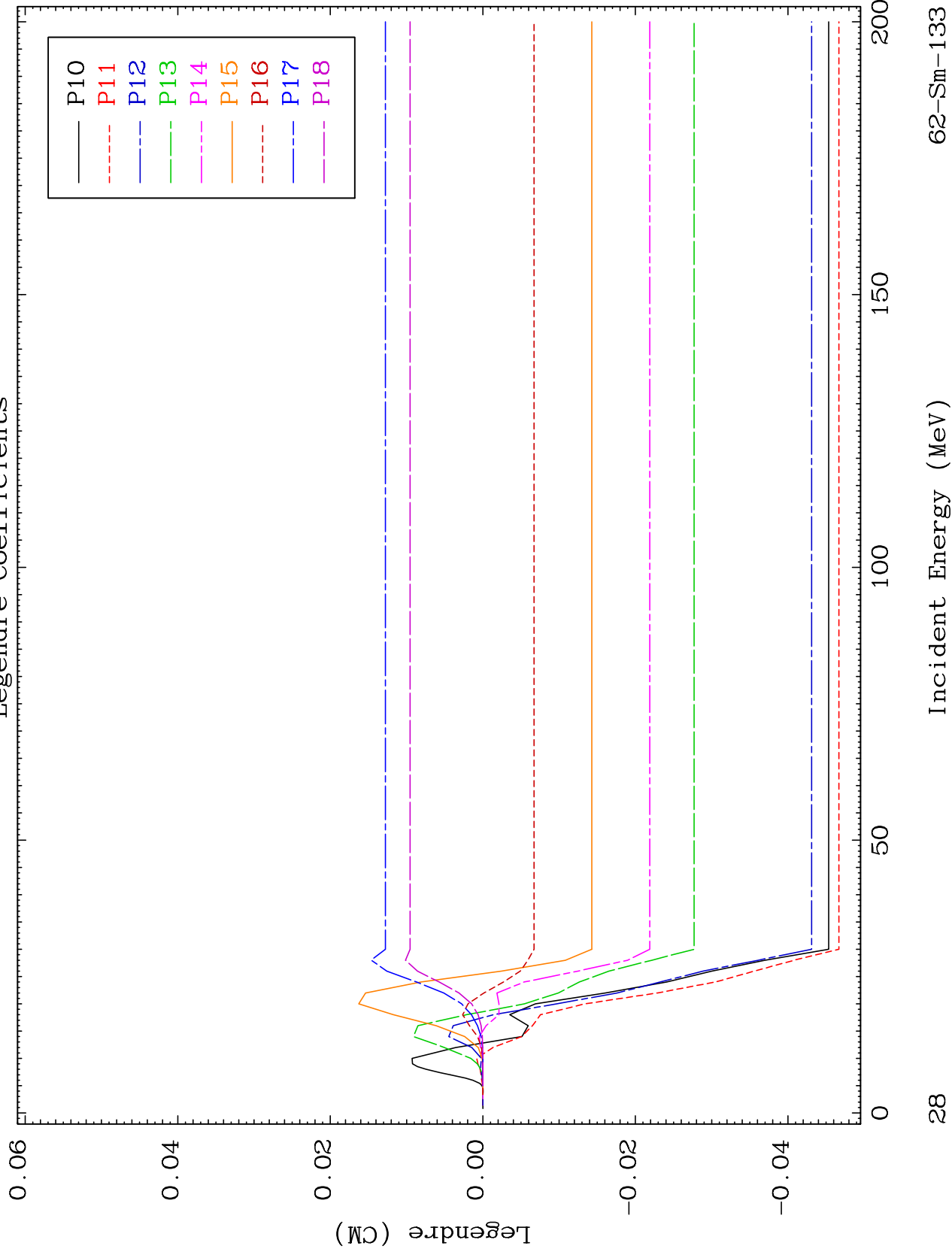
62-Sm-133



MAT 6192

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

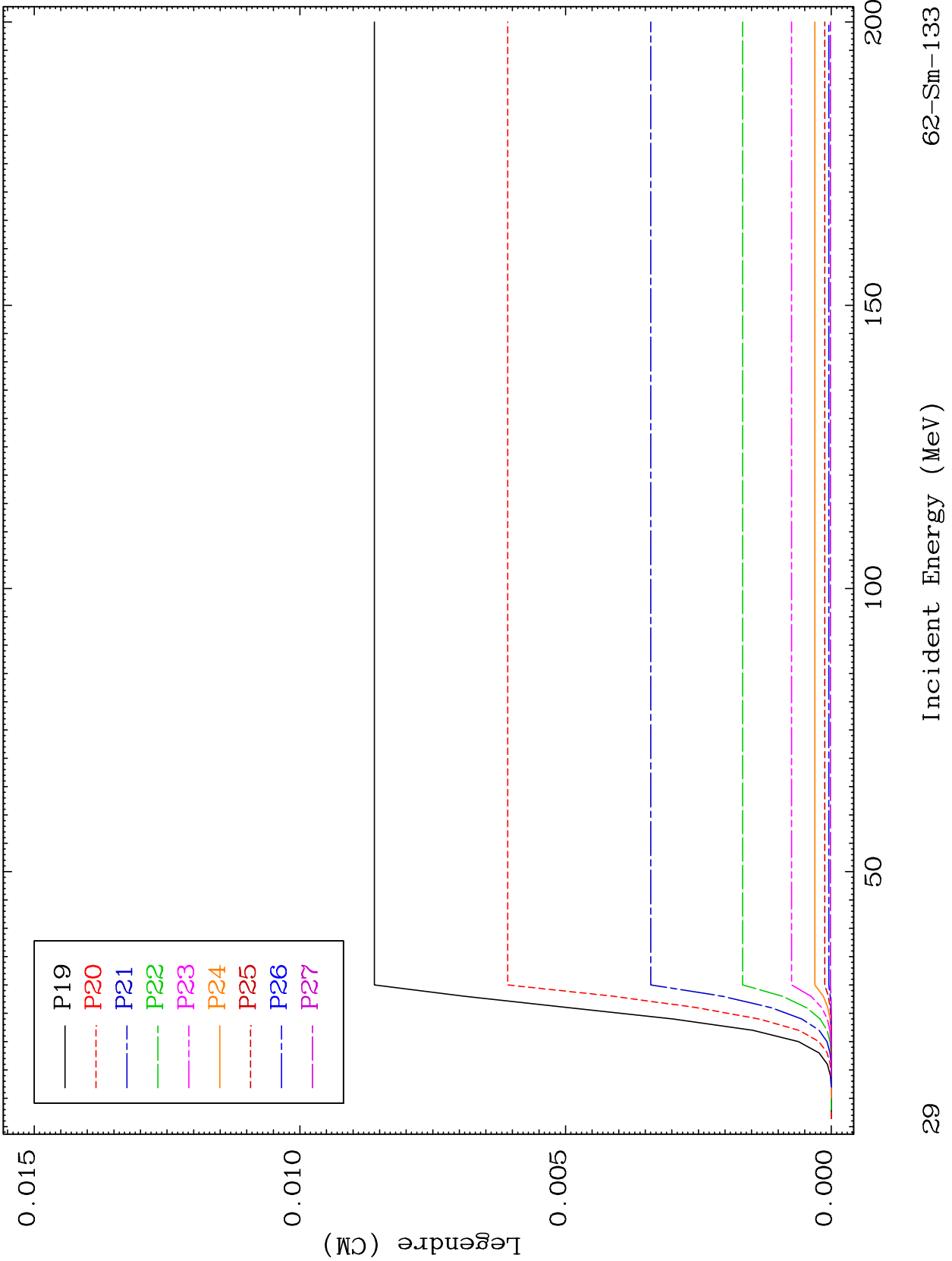
62-Sm-133



62-Sm-133

Incident Energy (MeV)

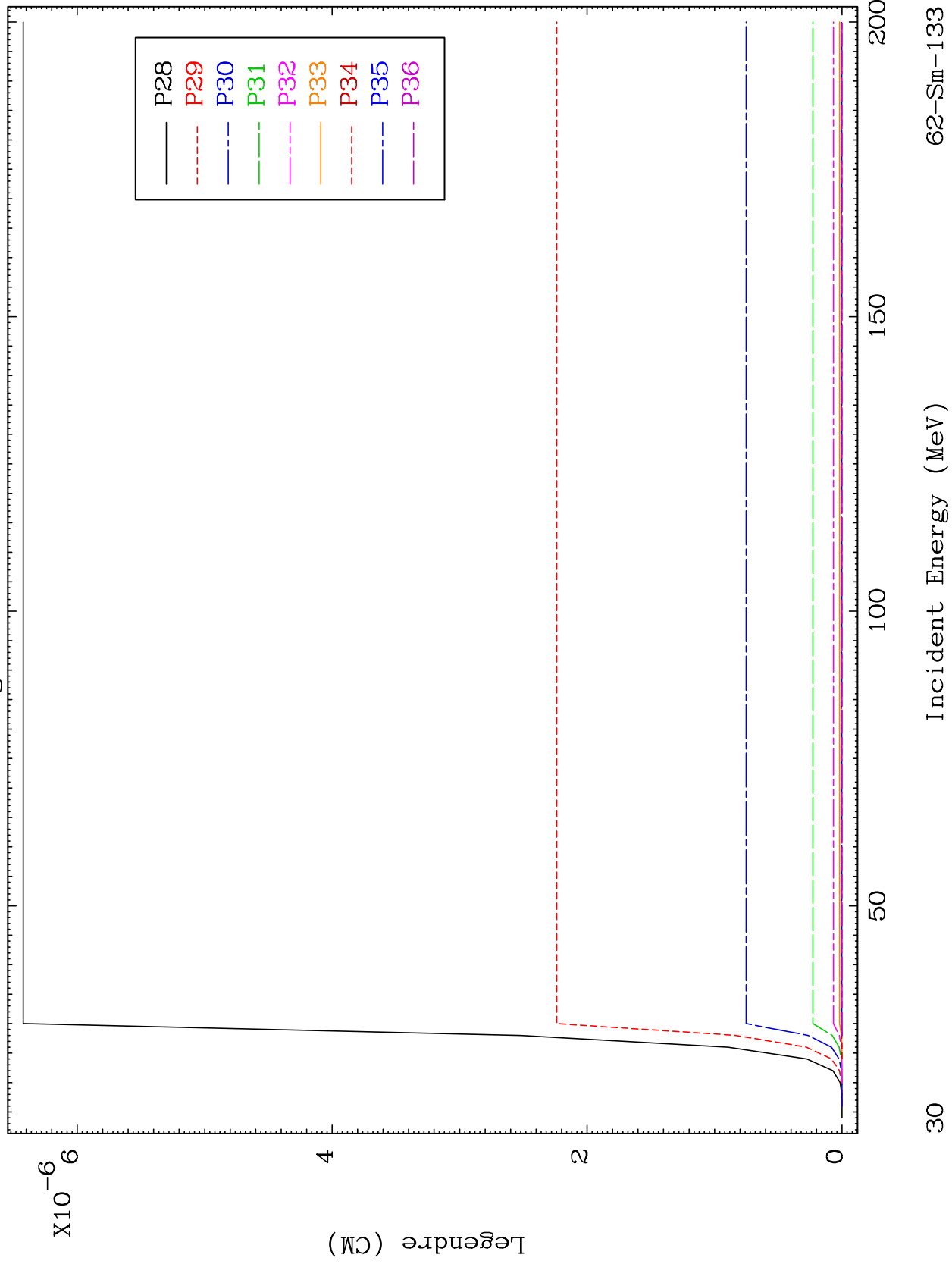
28



MAT 6192

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

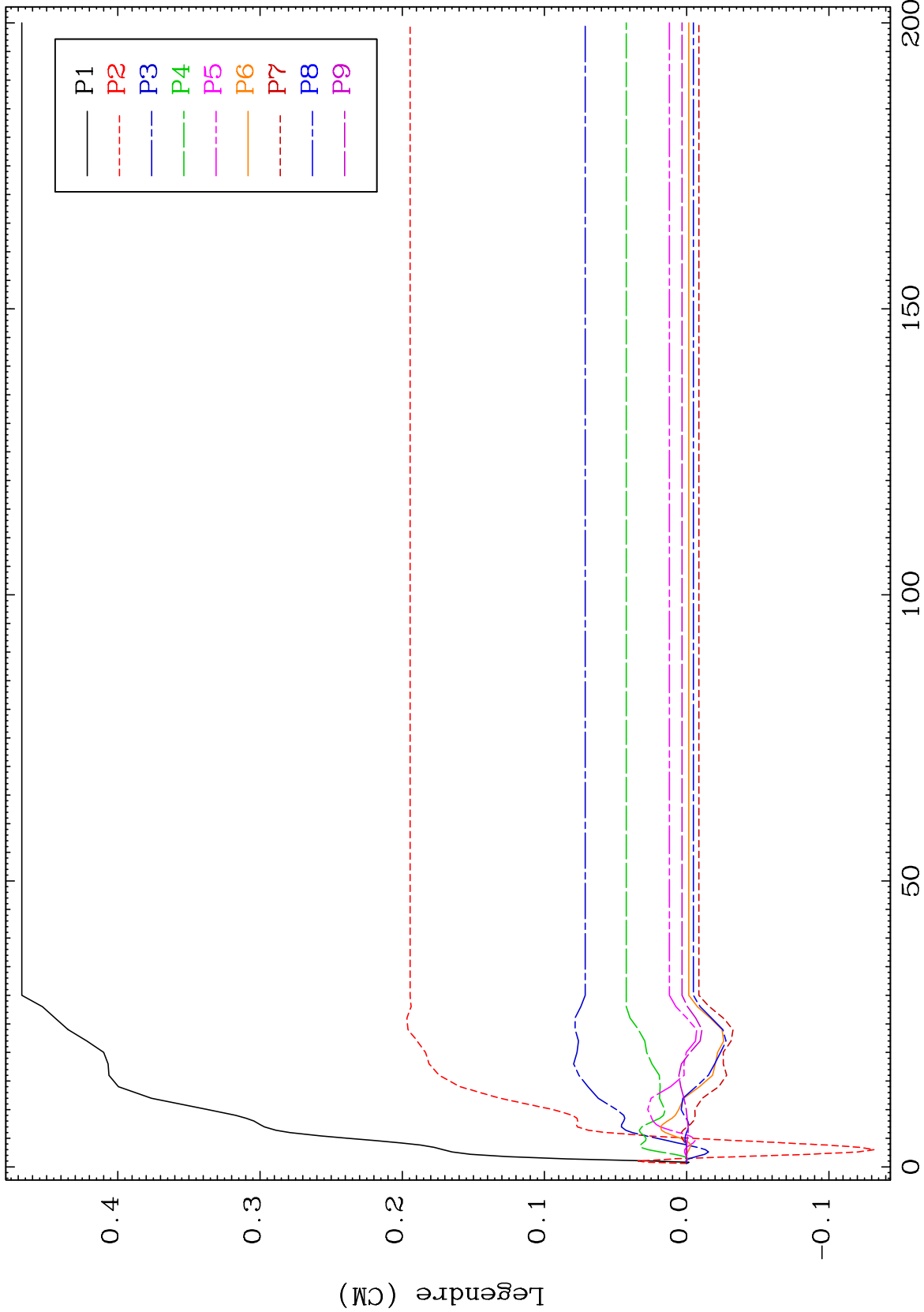
62-Sm-133



MAT 6192

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

62-Sm-133



31

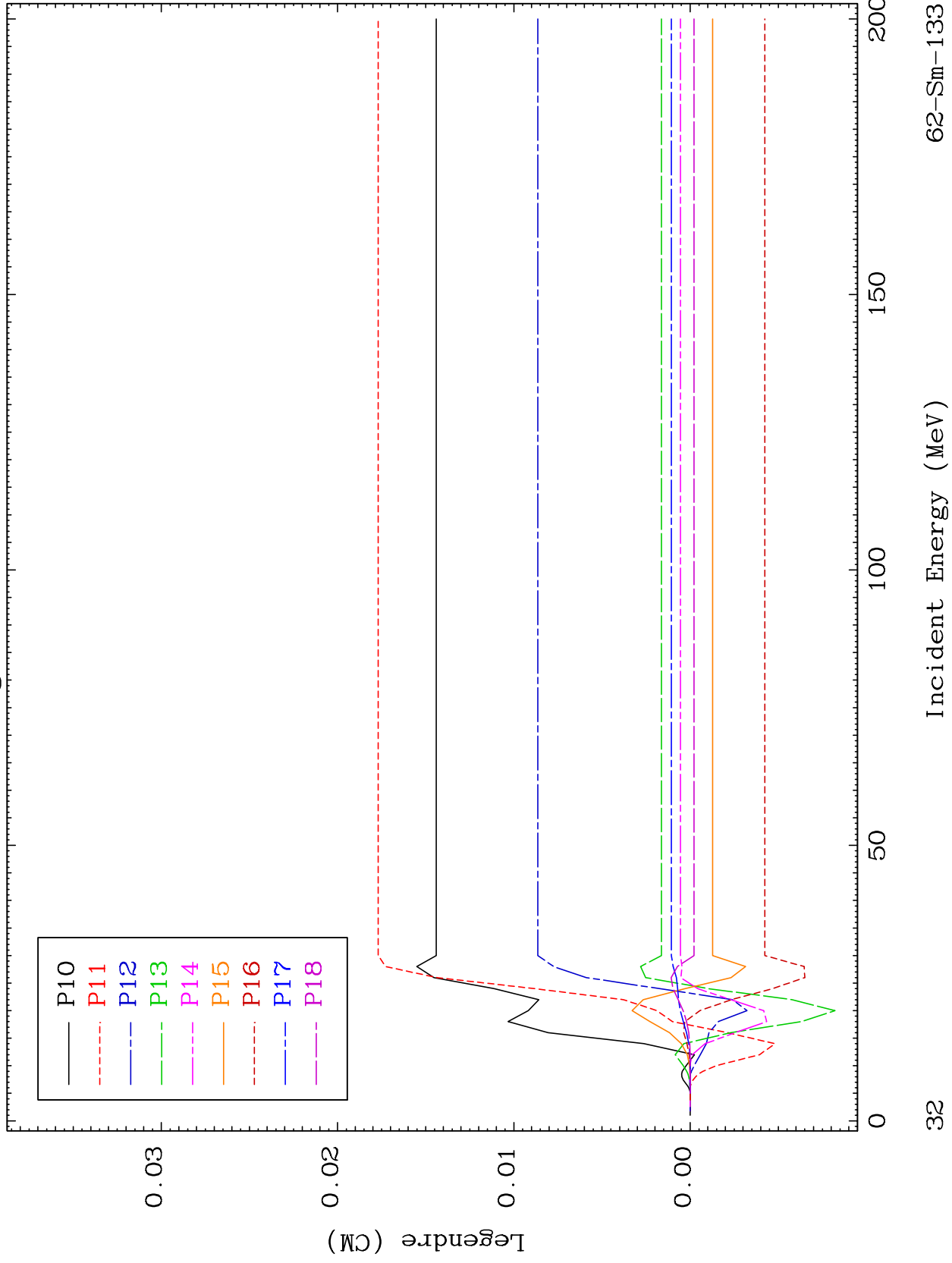
Incident Energy (MeV)

62-Sm-133

MAT 6192

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

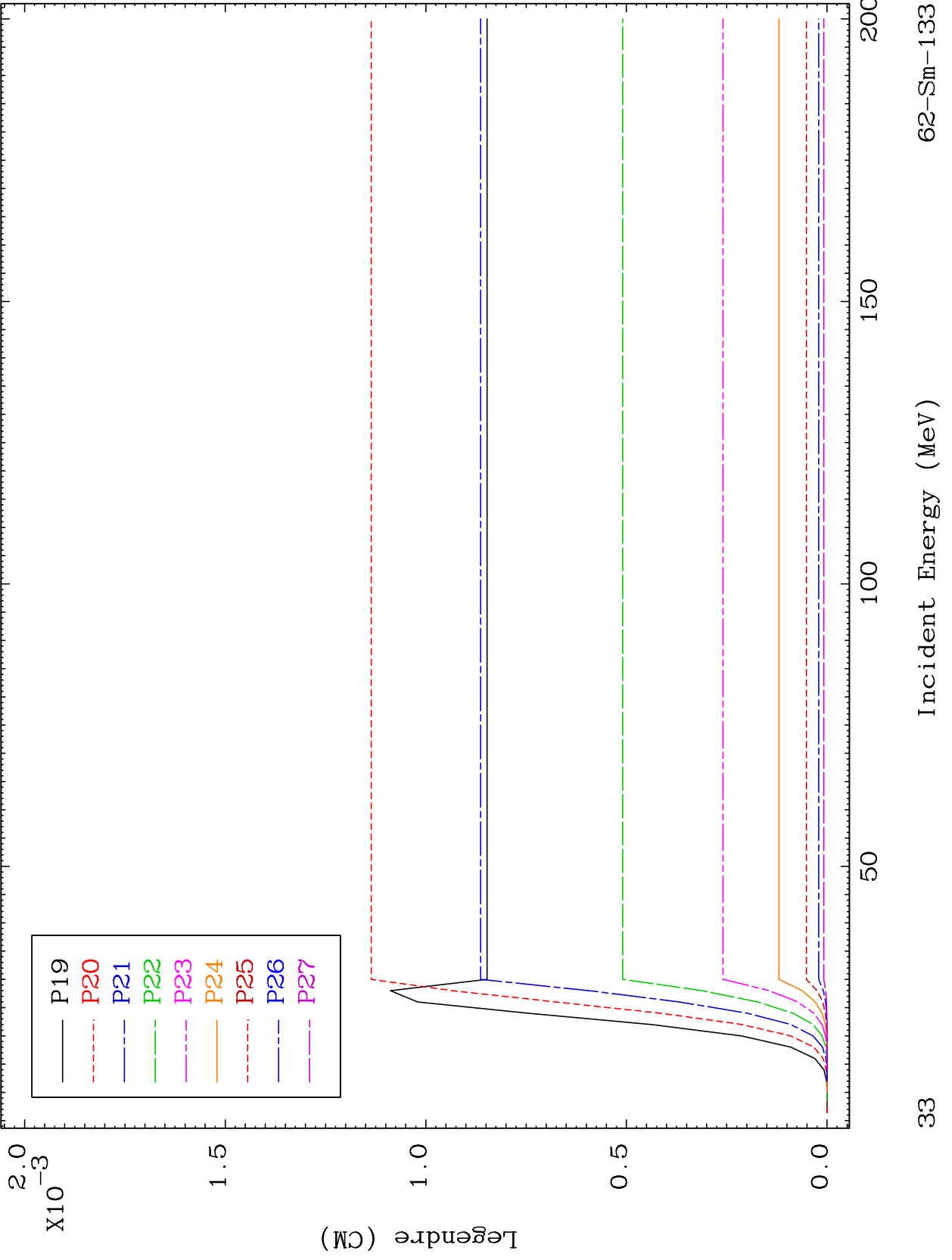
62-Sm-133



62-Sm-133

Incident Energy (MeV)

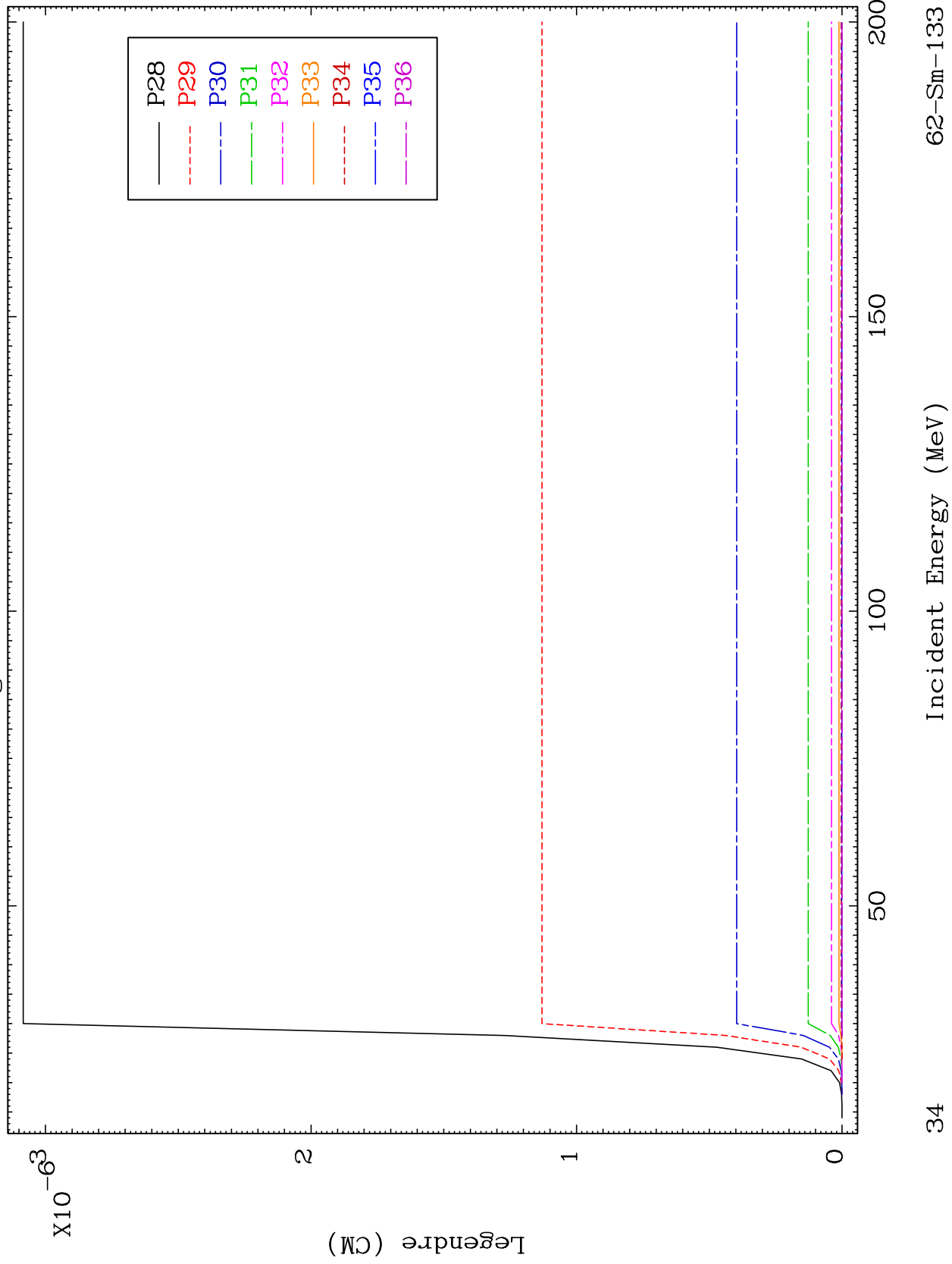
32



MAT 6192

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

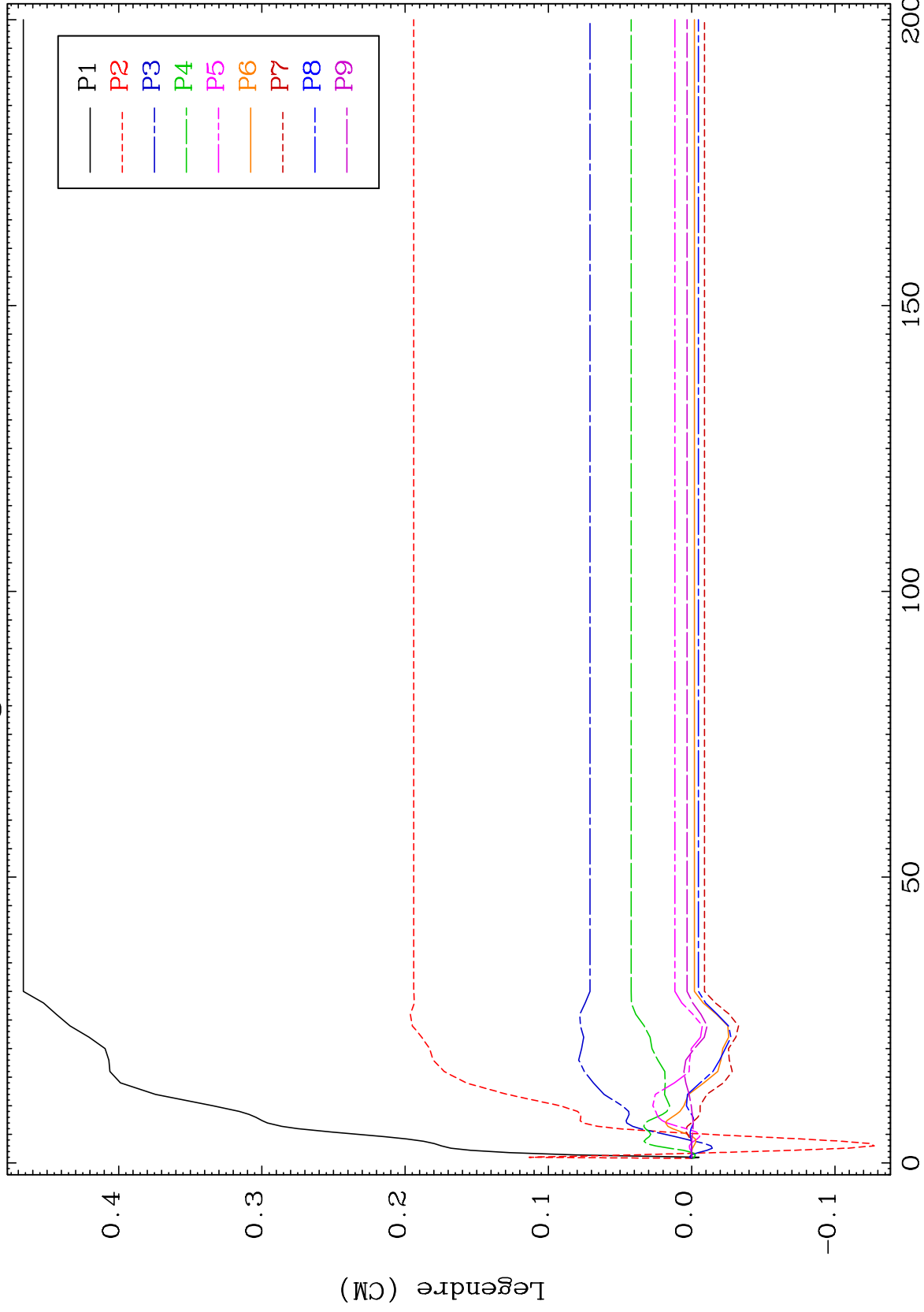
62-Sm-133



MAT 6192

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

62-Sm-133



62-Sm-133

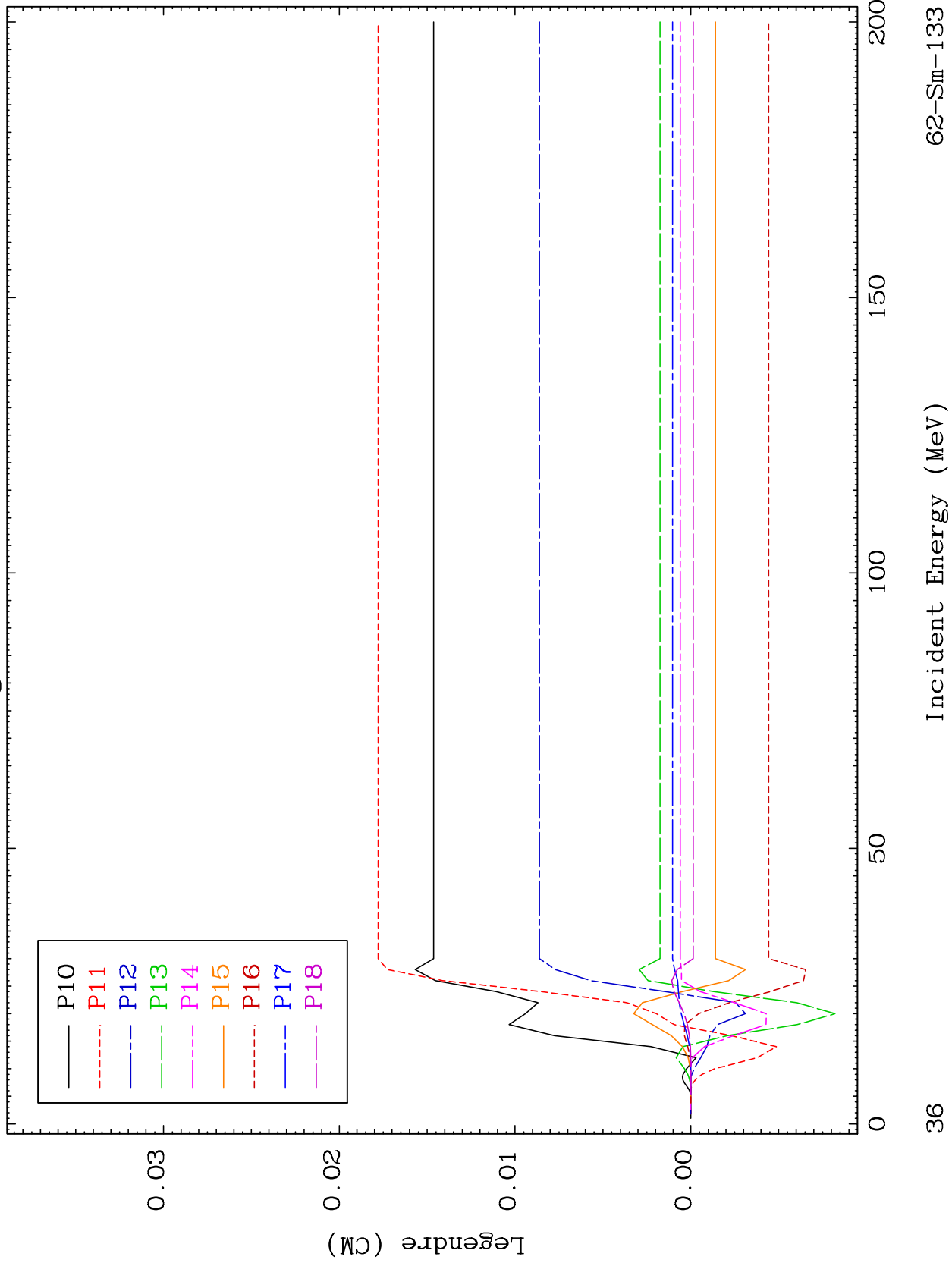
Incident Energy (MeV)

35

MAT 6192

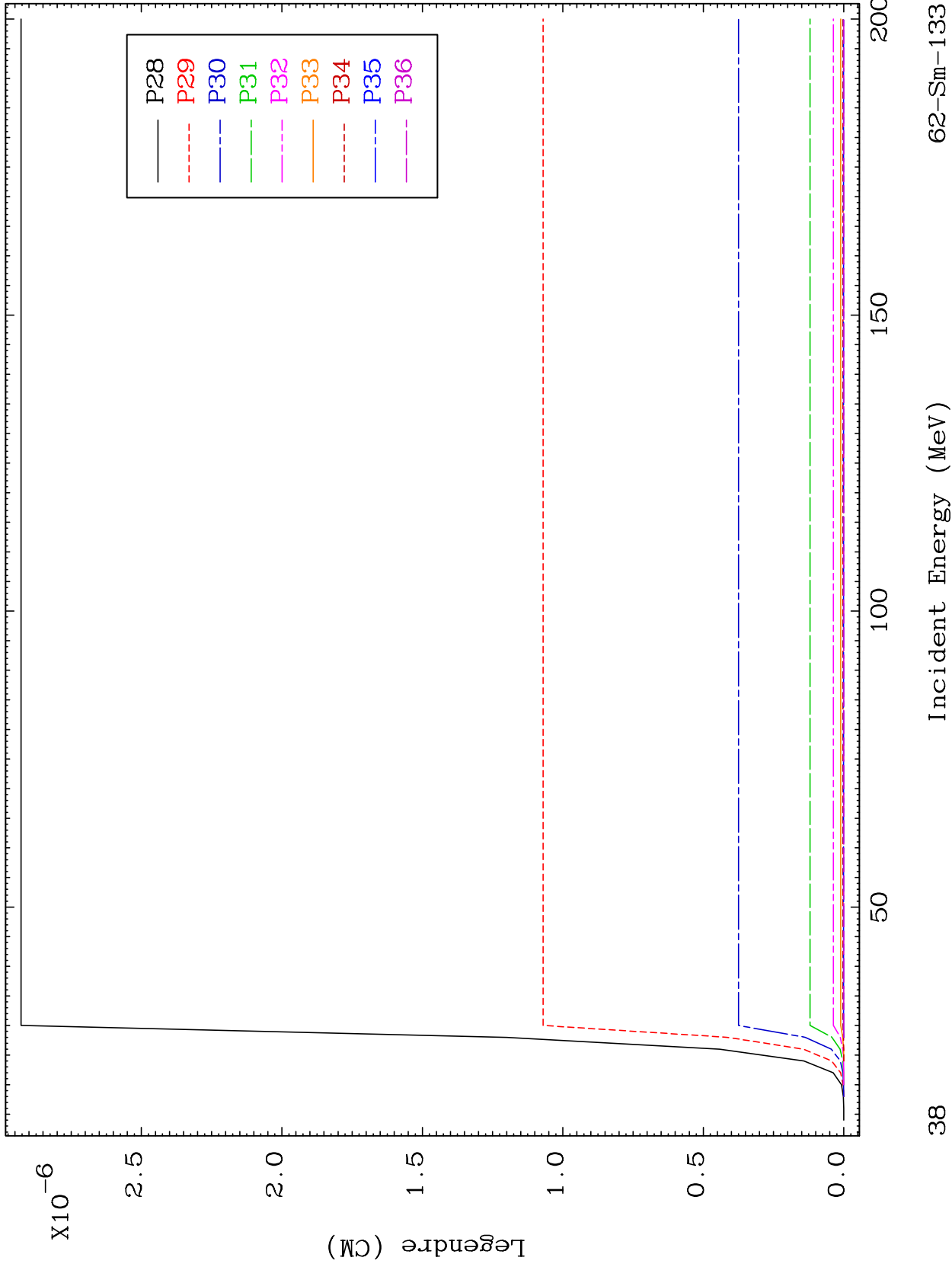
MT= 55 (n,n') Level
Legendre Coefficients

62-Sm-133



36

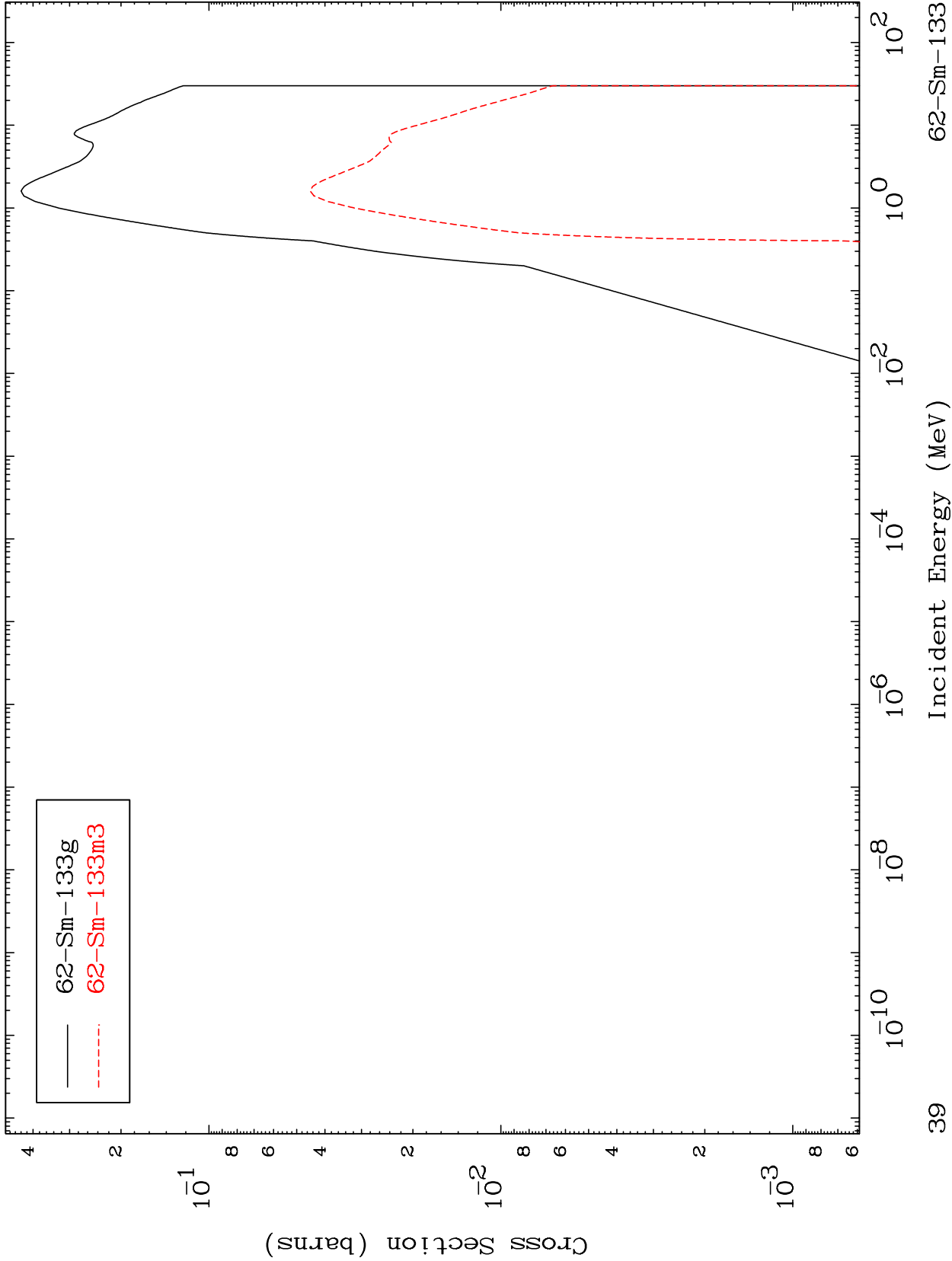
62-Sm-133



MAT 6192

Inelastic
Radionuclide Production Cross Section

62-Sm-133

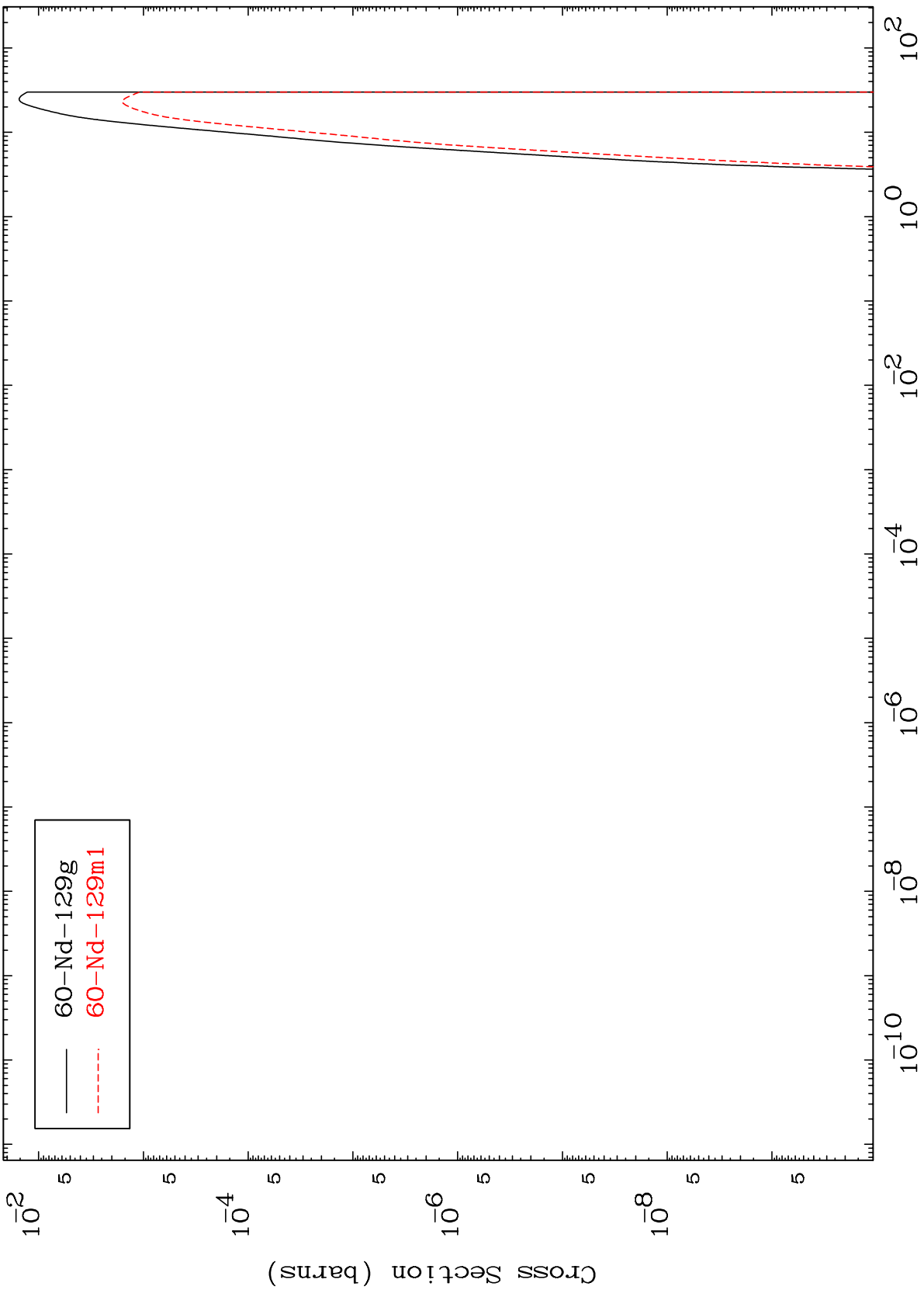


MAT 6192

$(n, n') \alpha$

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

Radionuclide Production Cross Section



— $^{60}\text{Nd}-129\text{g}$
- - - $^{60}\text{Nd}-129\text{m1}$

MAT 6192

62-Sm-133

(n,p)
Radionuclide Production Cross Section

