

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

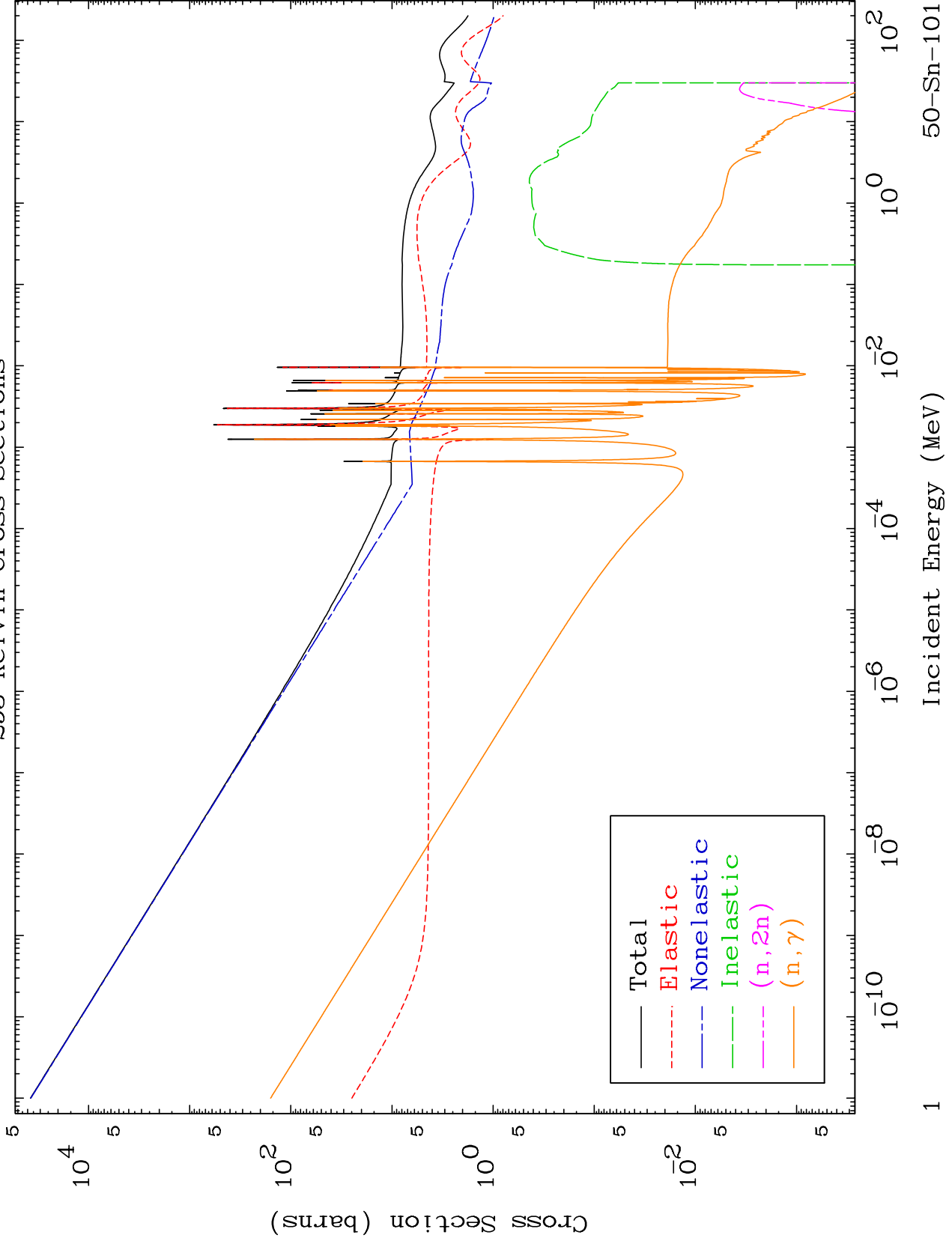
Web:redcullen1.net/HOMEPAGE.NEW

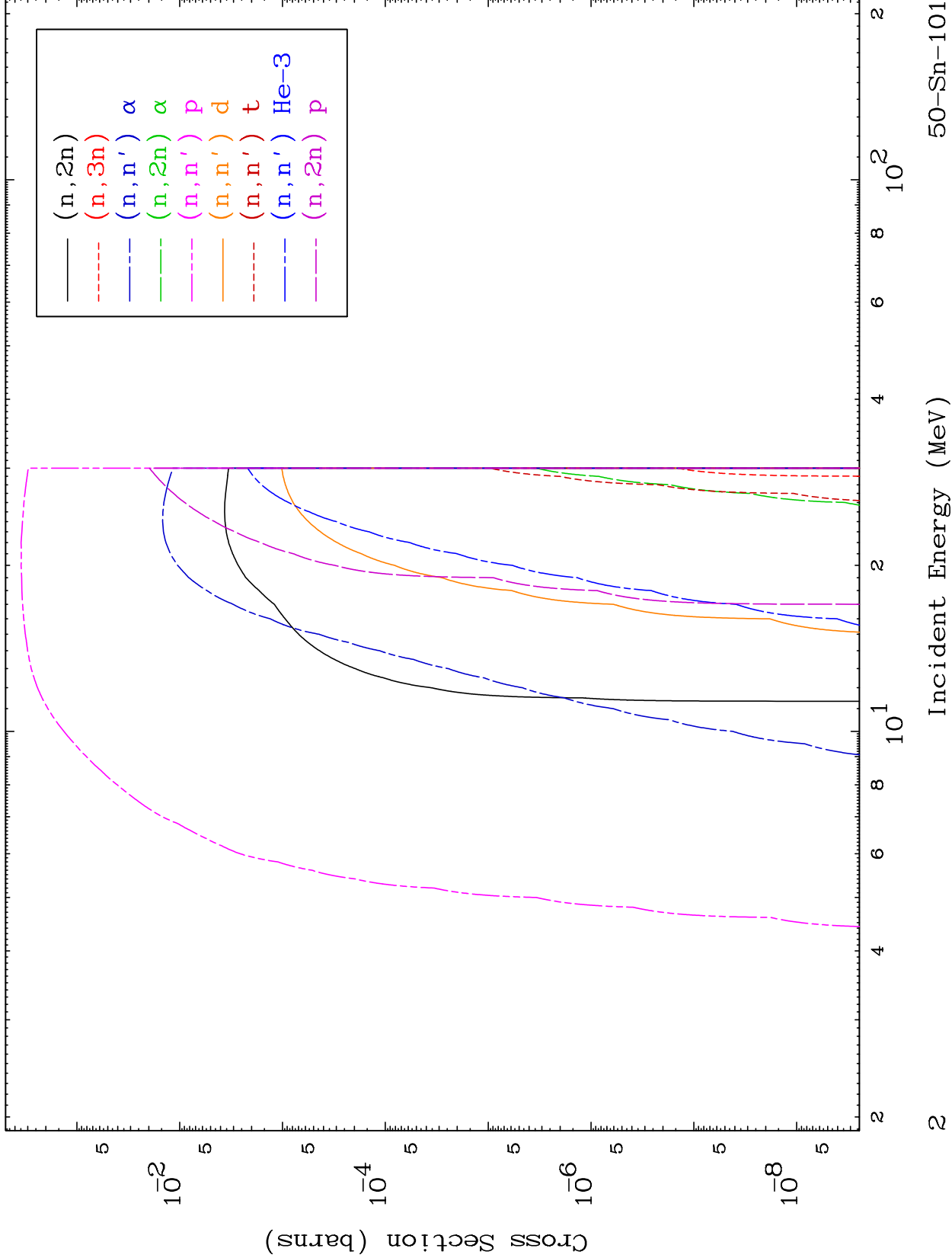
Press Mouse Button to Start

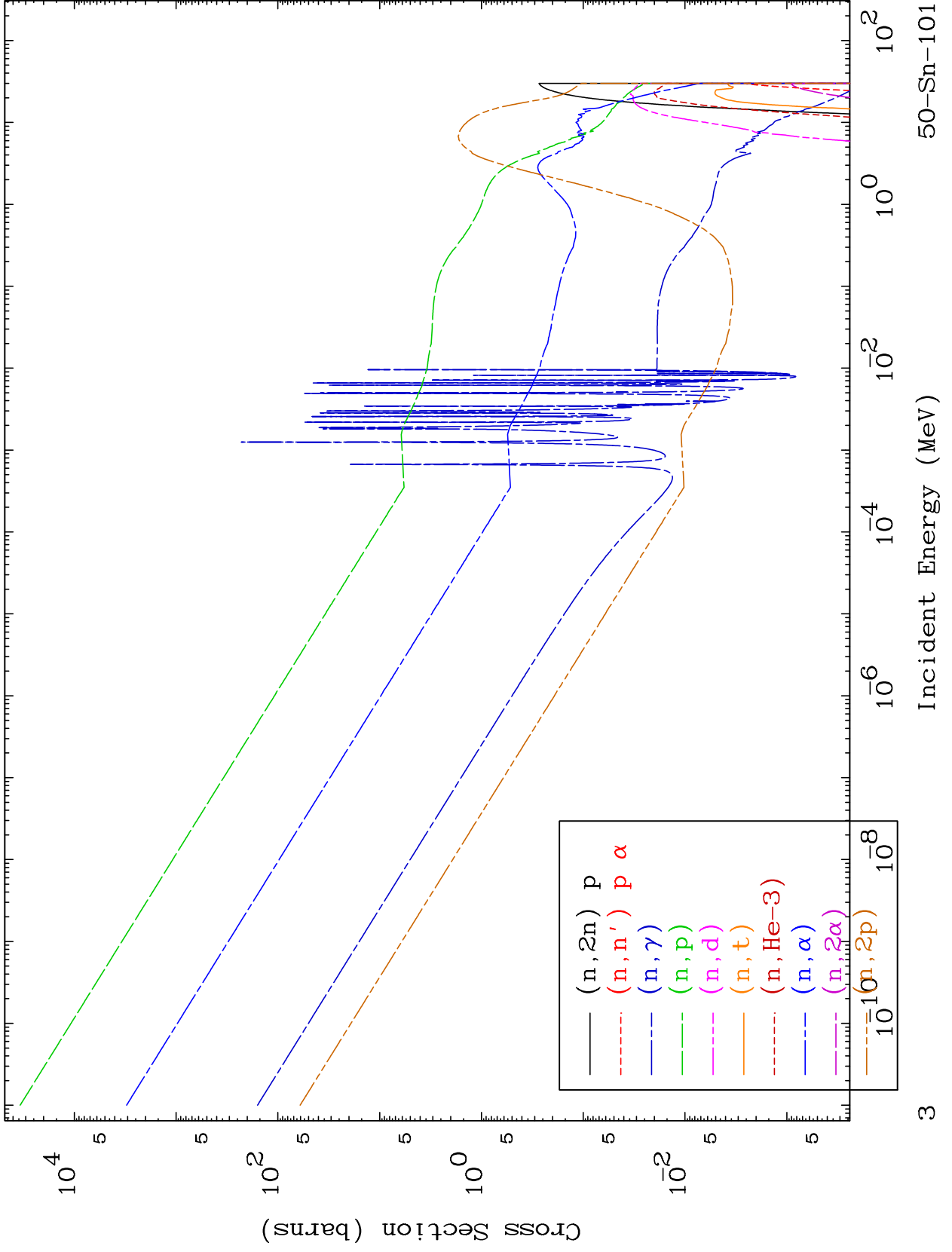
MAT 4992

Neutron Major
293 Kelvin Cross Sections

50-Sn-101



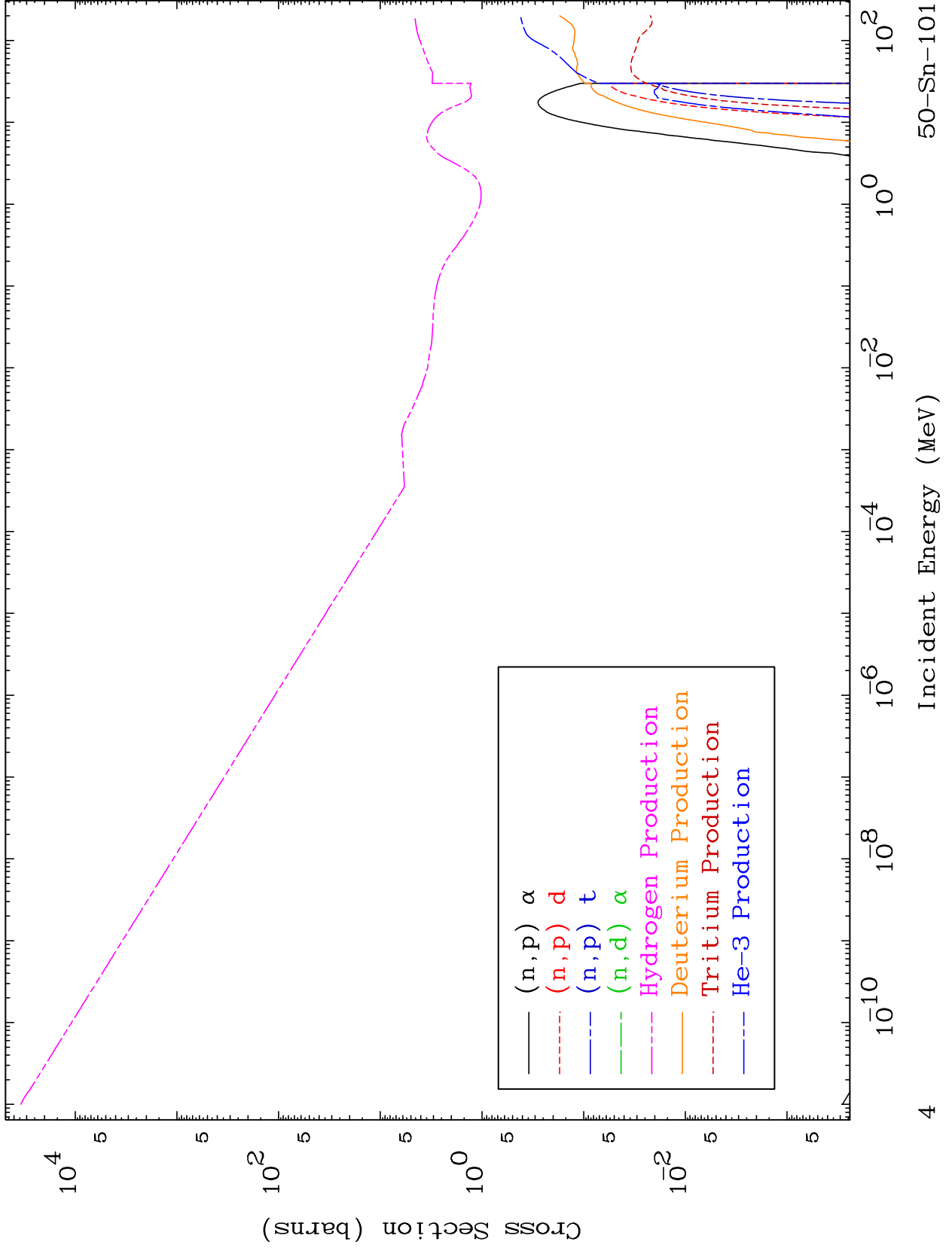




MAT 4992

Neutron Absorption
293 Kelvin Cross Sections

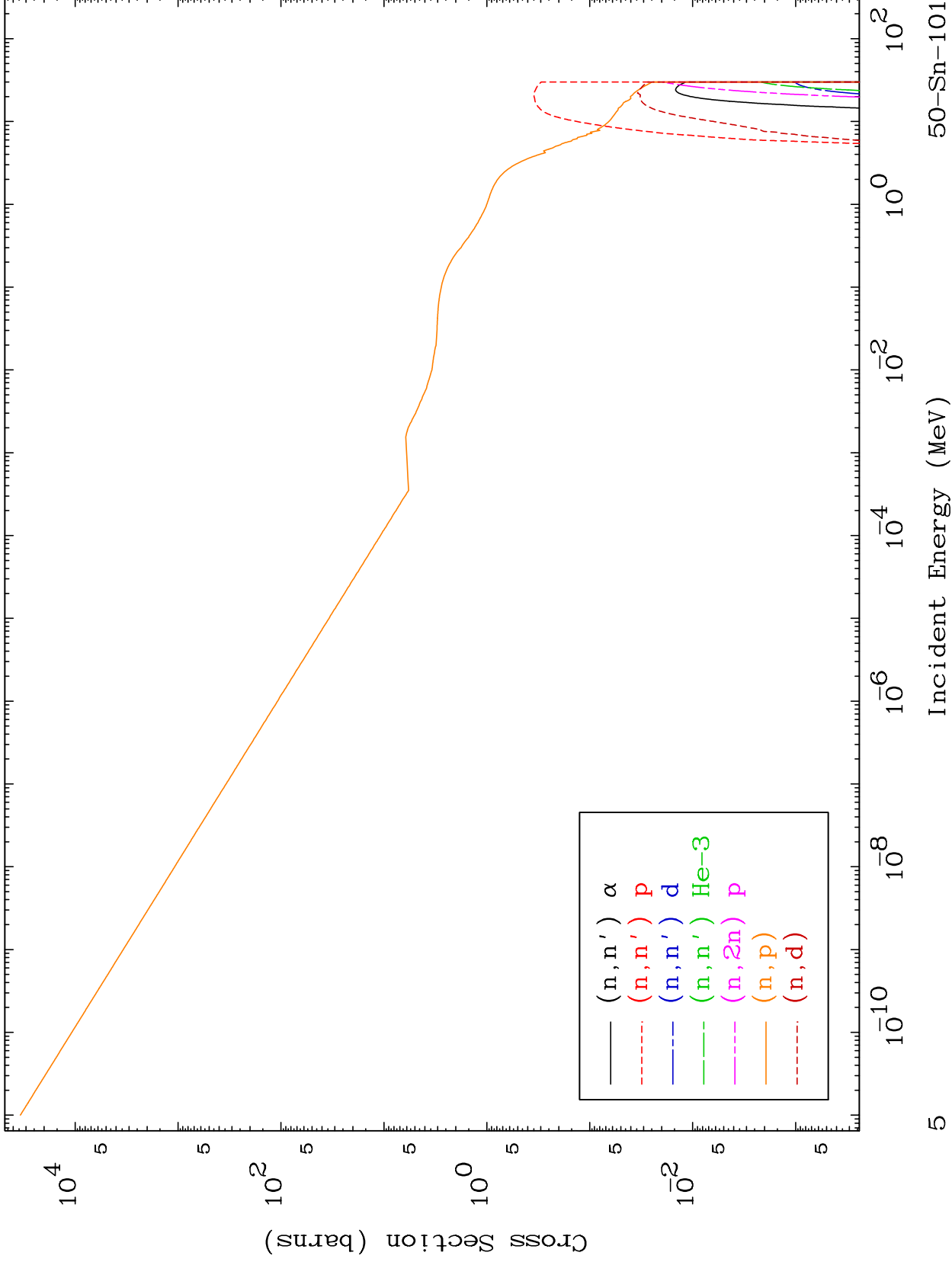
50-Sn-101



MAT 4992

Charged Particle
293 Kelvin Cross Sections

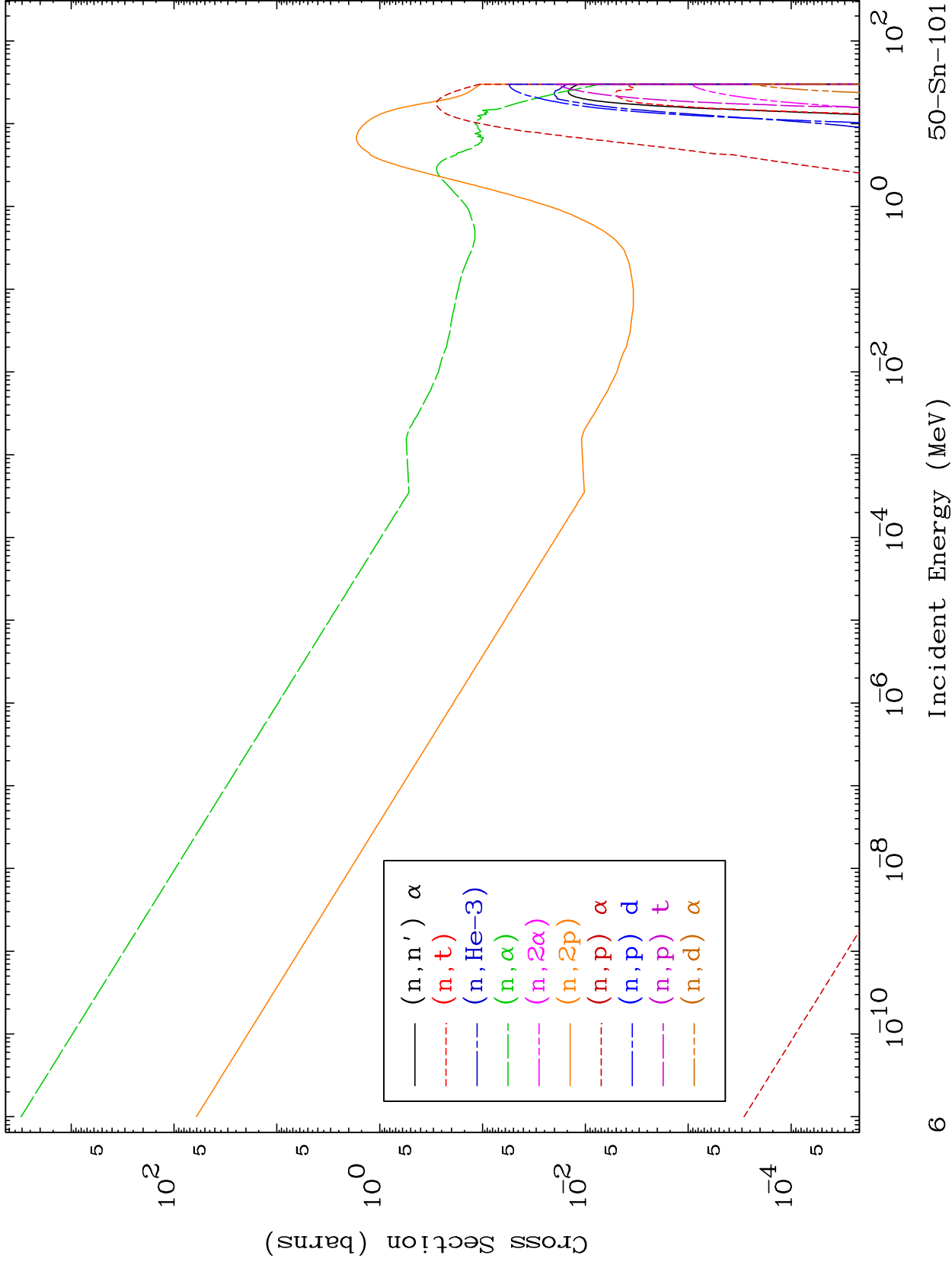
50-Sn-101



MAT 4992

Charged Particle
293 Kelvin Cross Sections

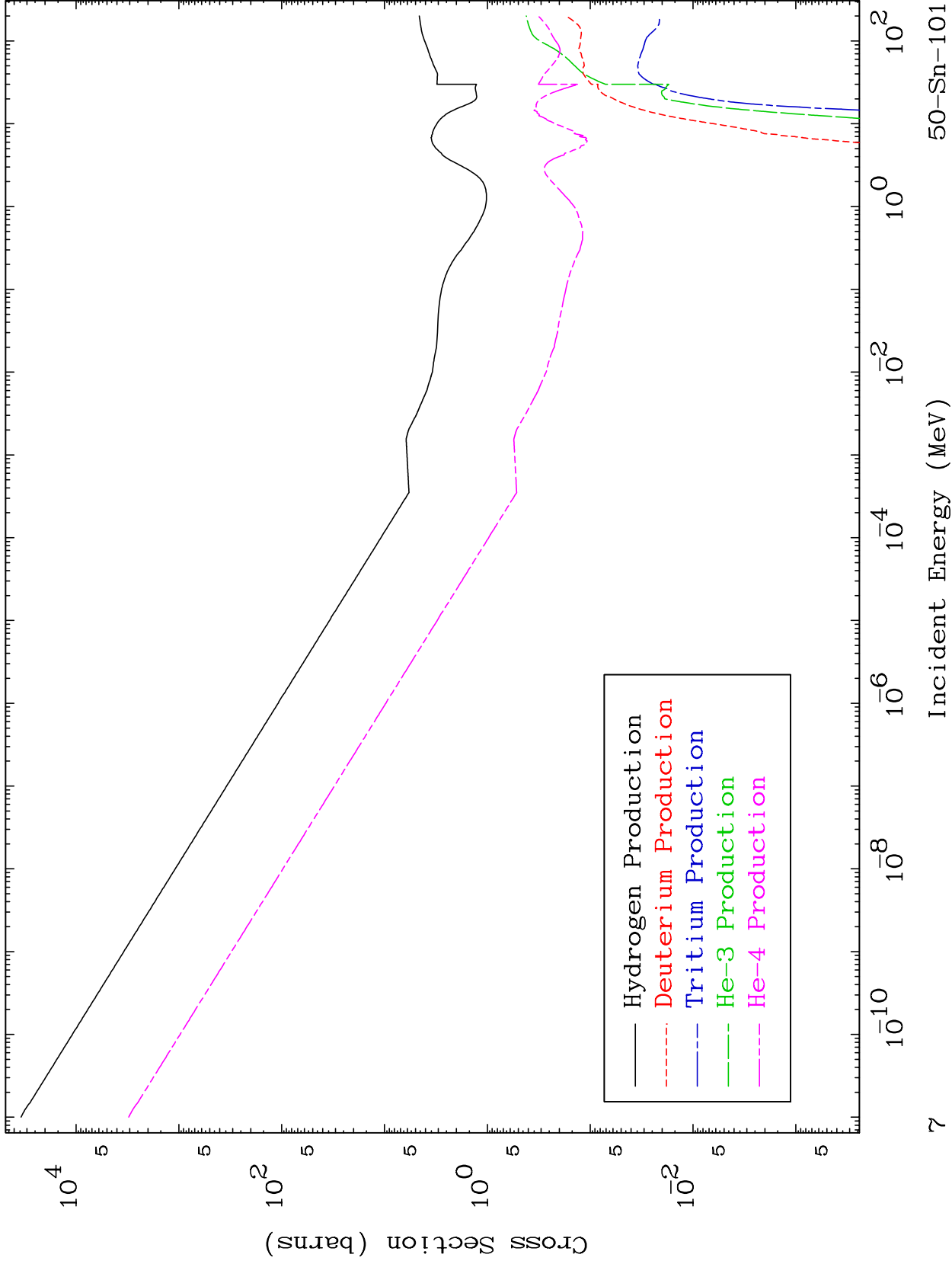
50-Sn-101



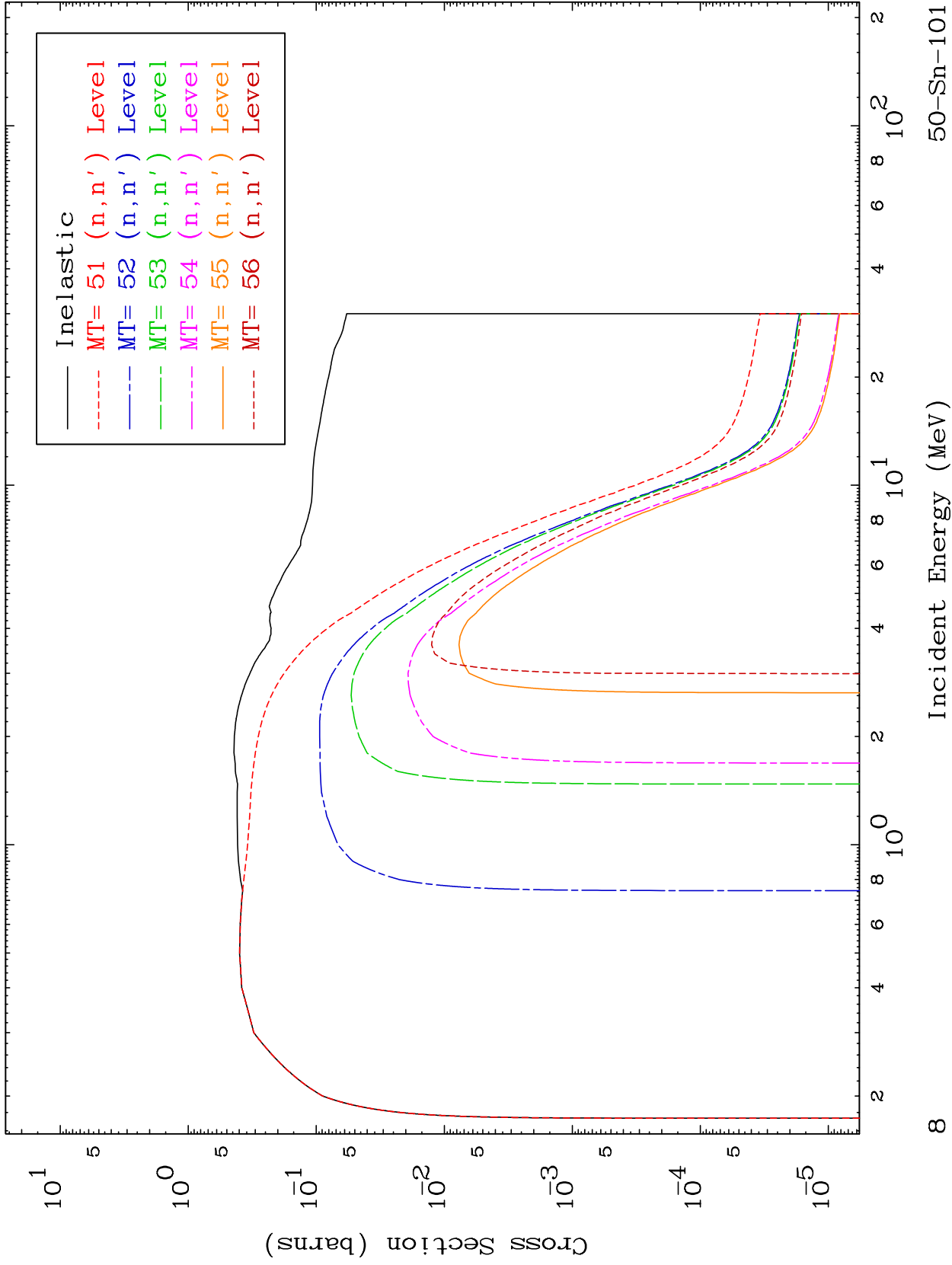
MAT 4992

Particle Production
293 Kelvin Cross Sections

50-Sn-101



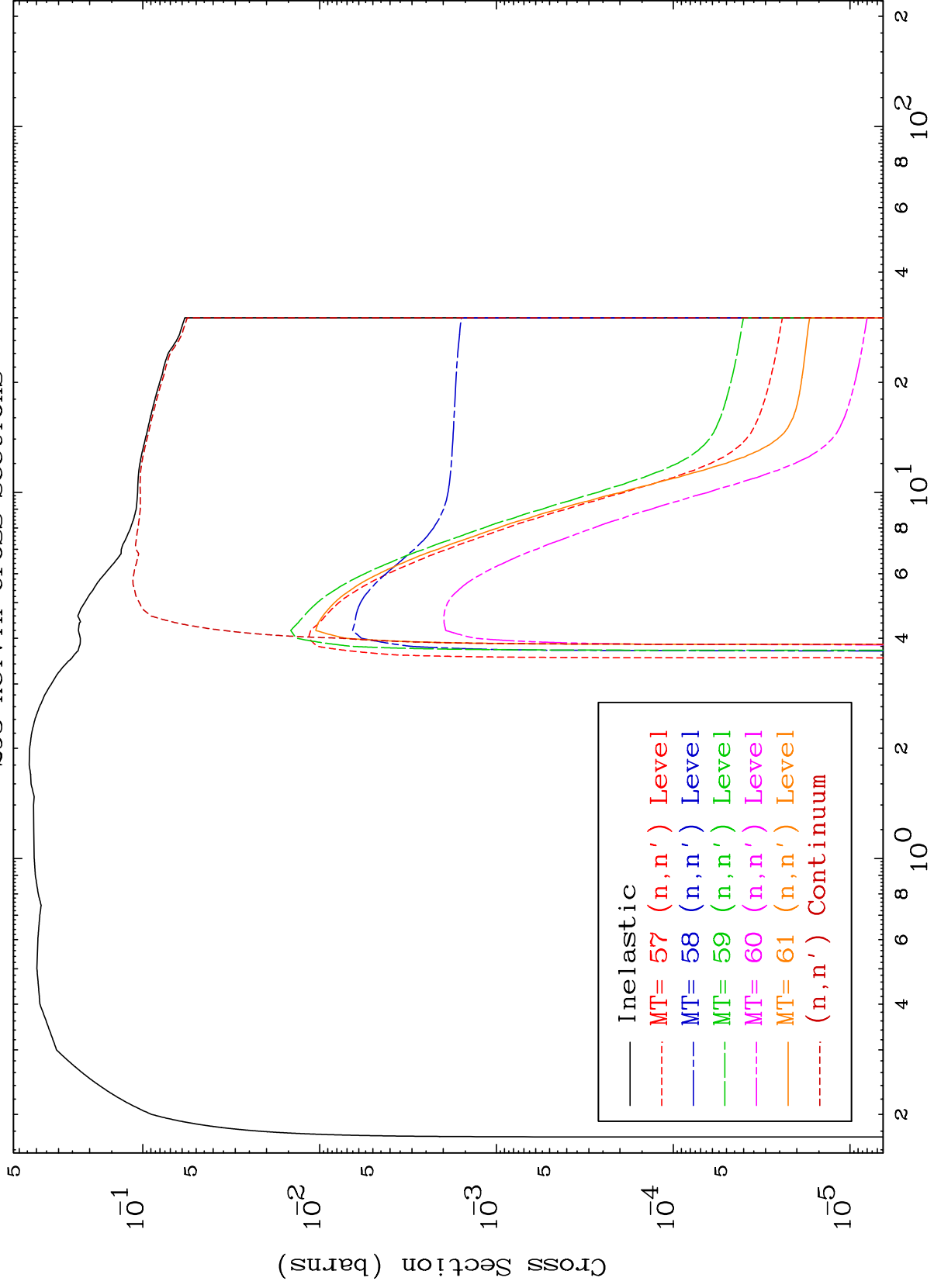
293 Kelvin Cross Sections



MAT 4992

(n,n') Levels
293 Kelvin Cross Sections

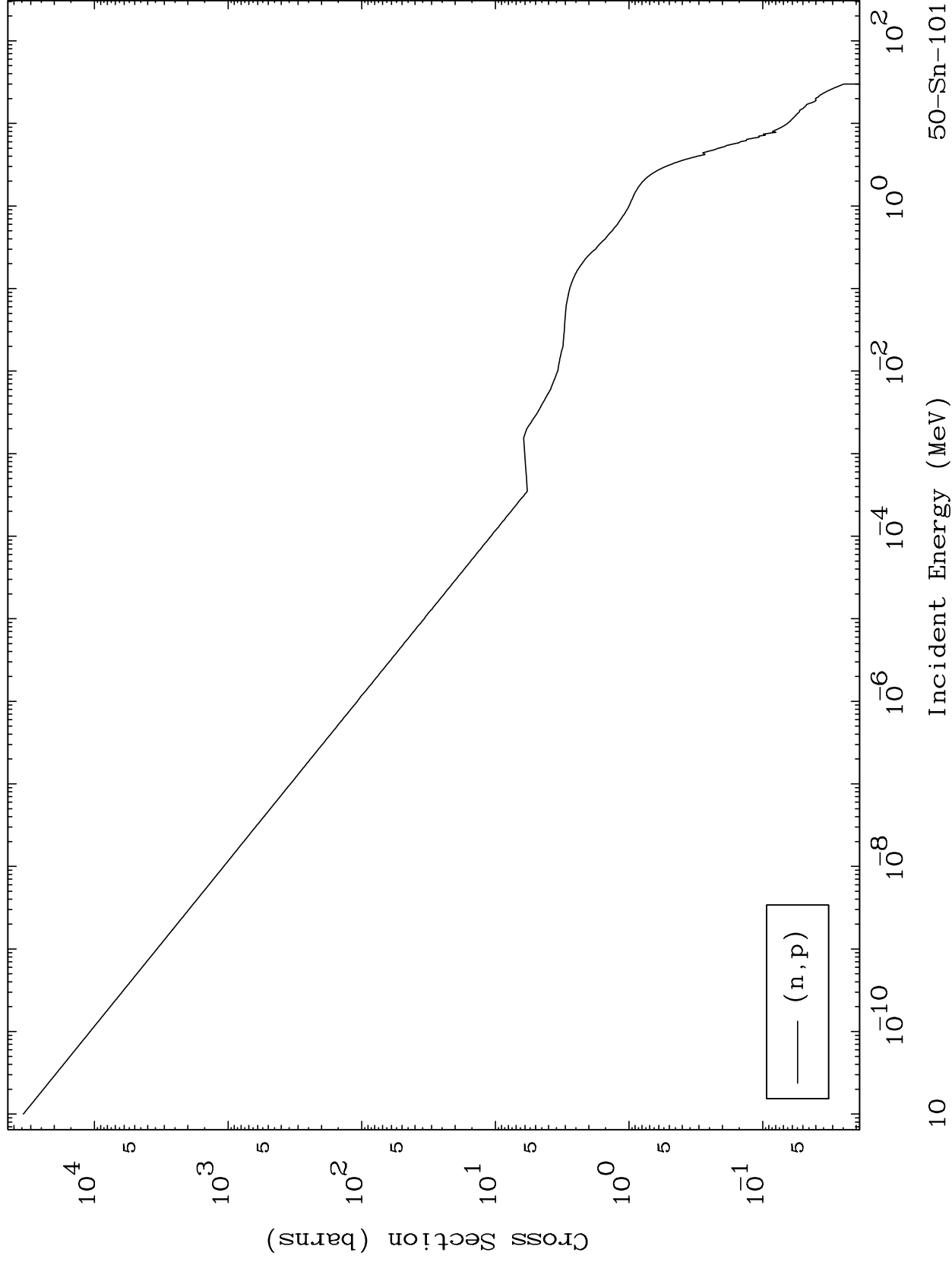
50-Sn-101



MAT 4992

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-101

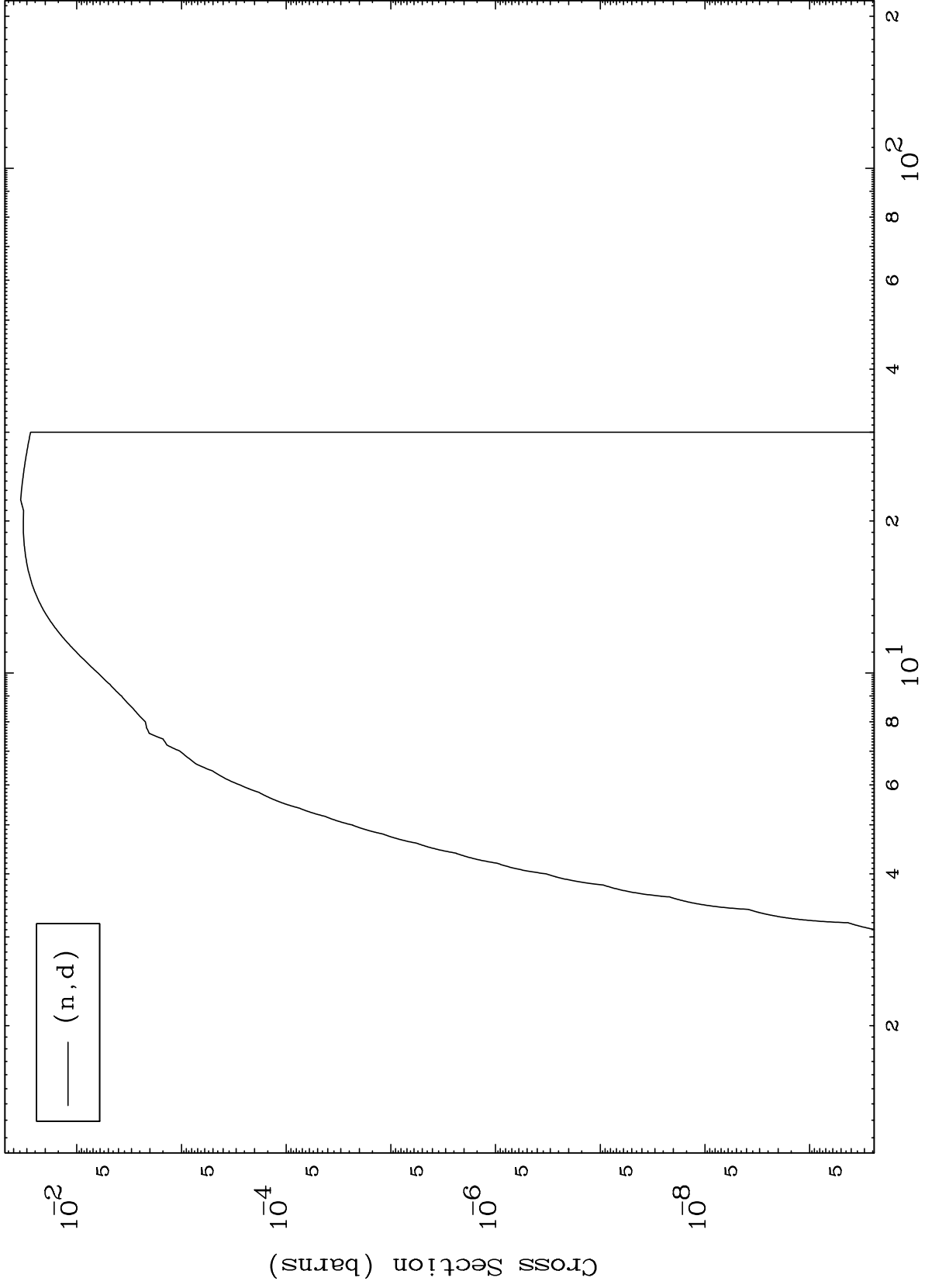


50-Sn-101

MAT 4992

(n,d) Levels
293 Kelvin Cross Sections

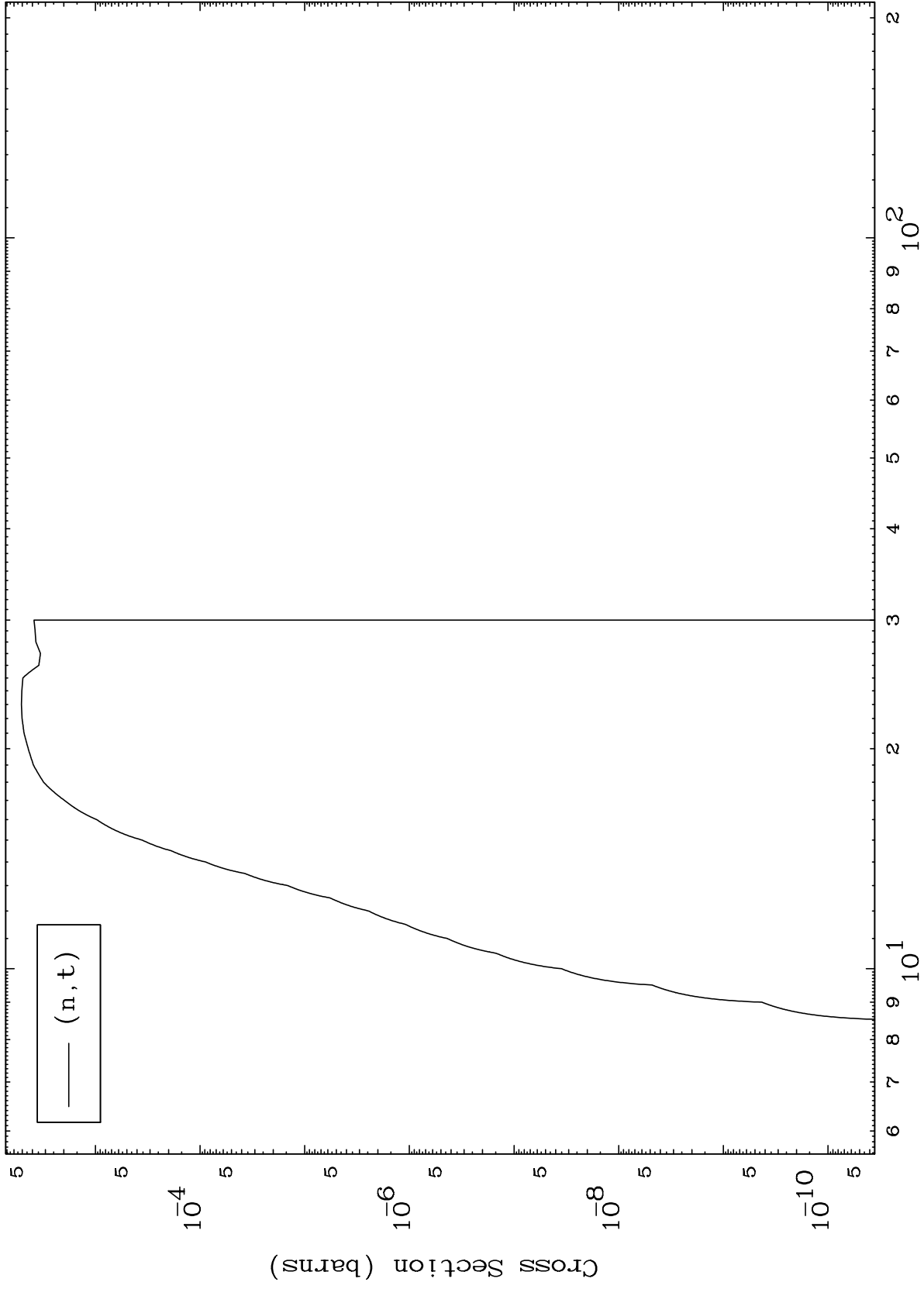
50-Sn-101



MAT 4992

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-101



12

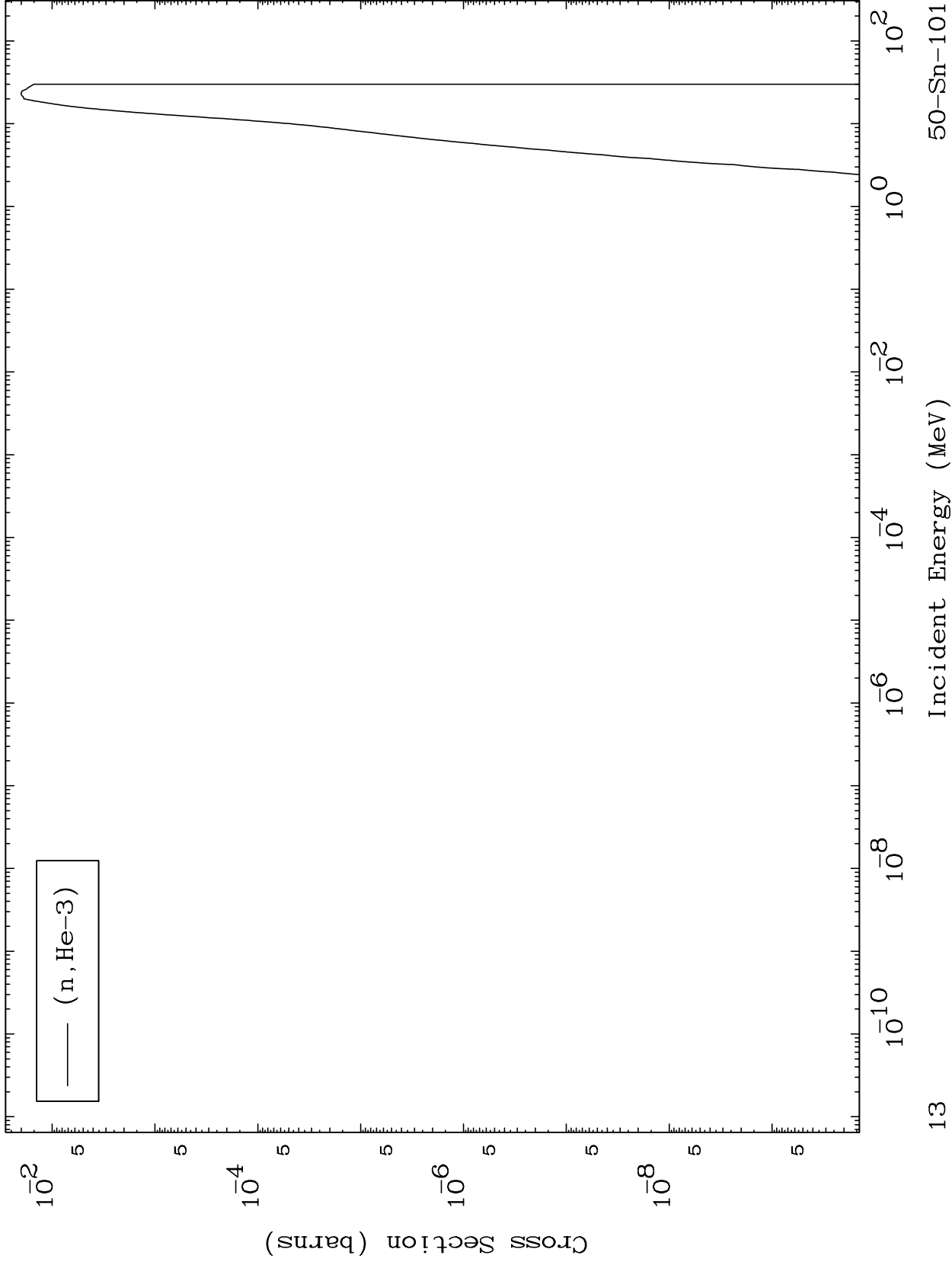
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,He3) Levels
293 Kelvin Cross Sections

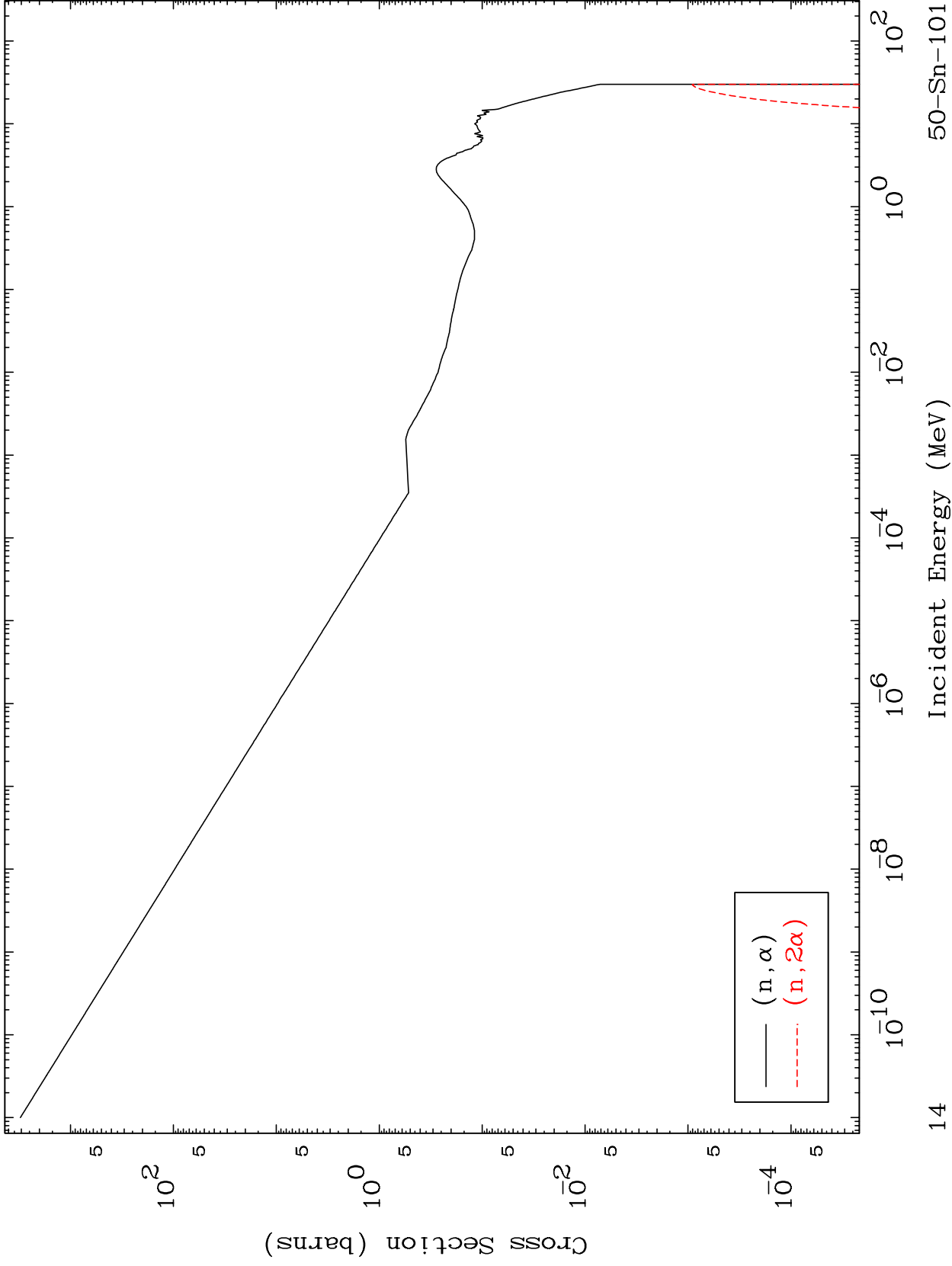
50-Sn-101



MAT 4992

(n,α) Levels
293 Kelvin Cross Sections

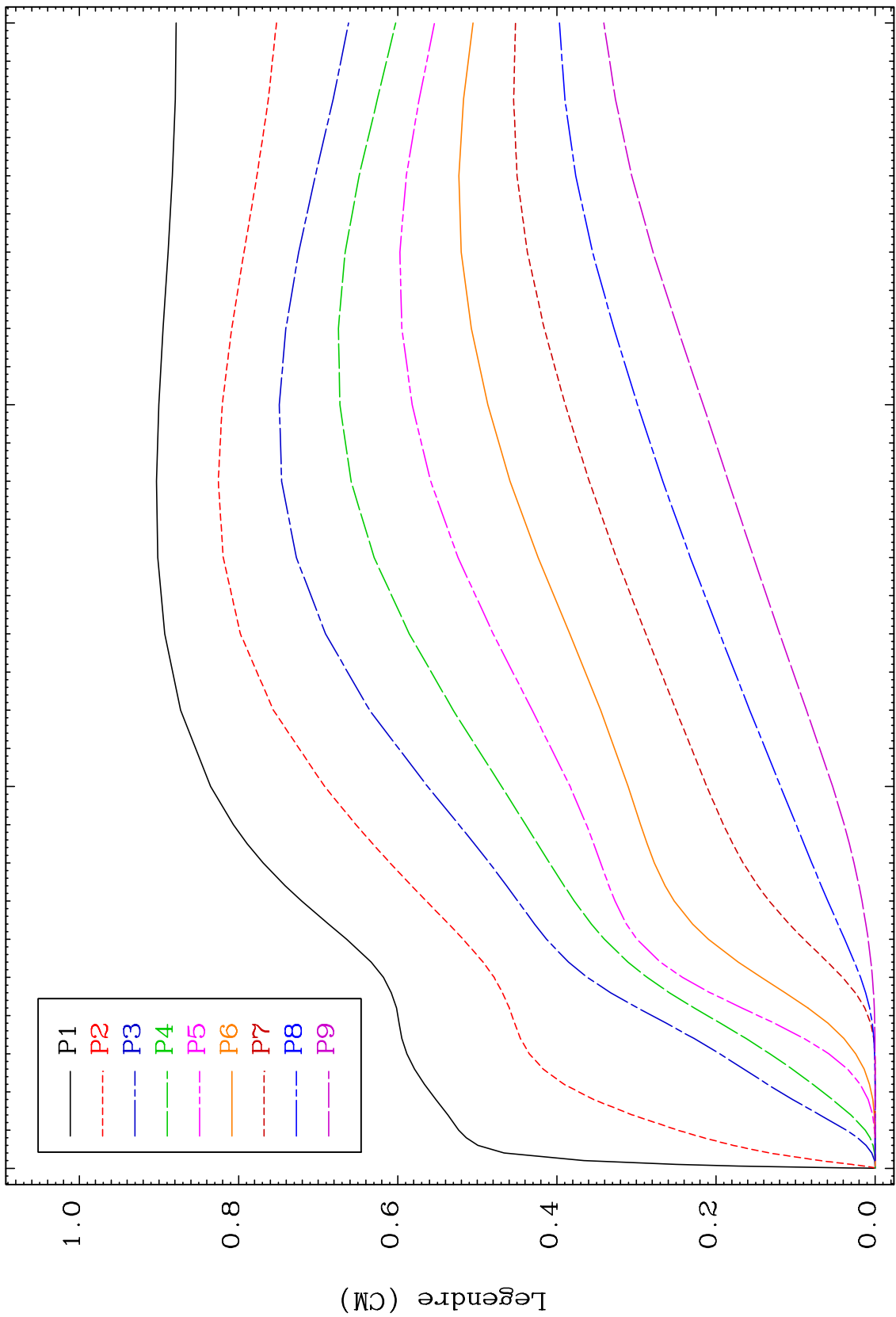
50-Sn-101



MAT 4992

Elastic Legendre Coefficients

50-Sn-101

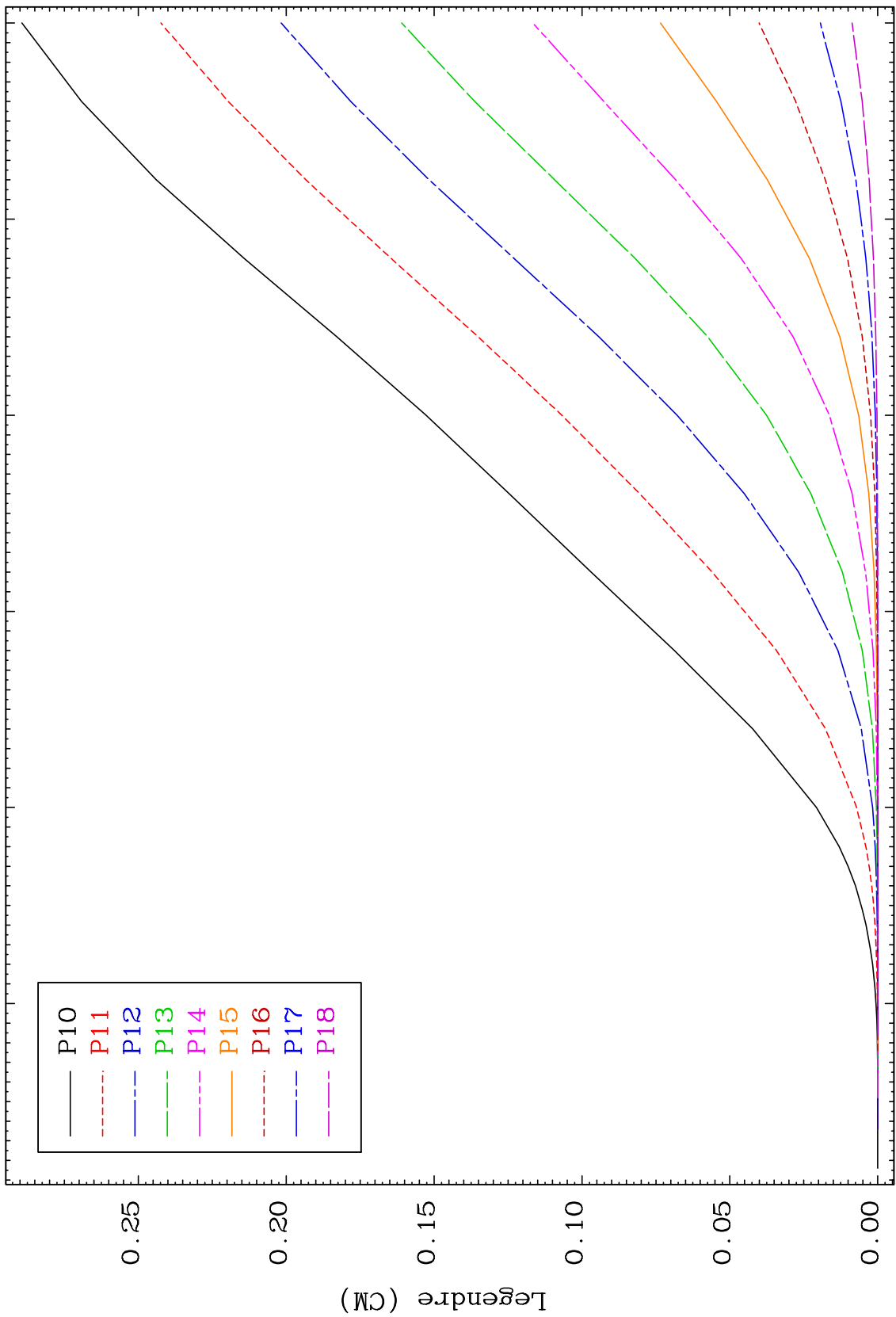


15

Incident Energy (MeV)

50-Sn-101

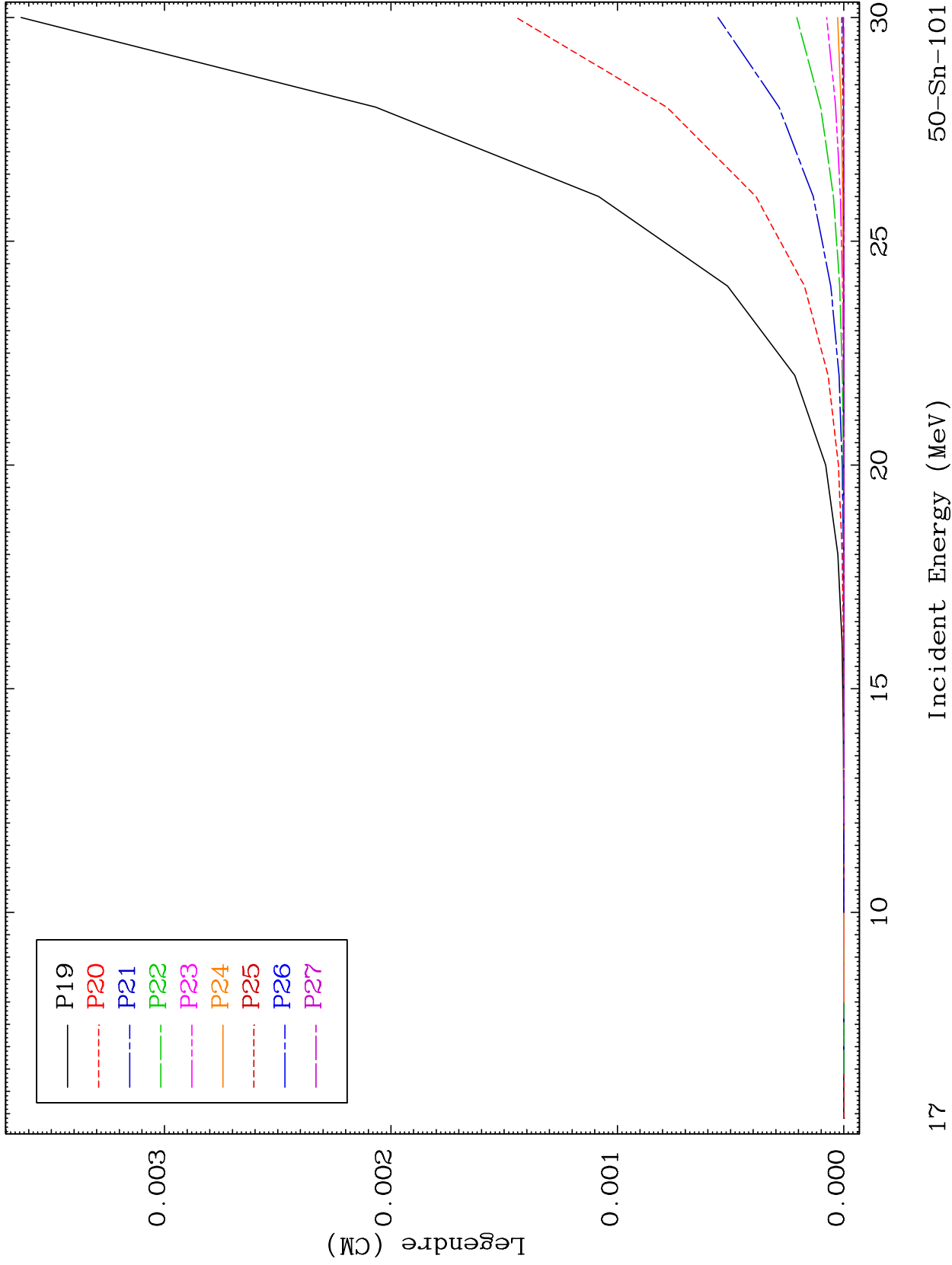
Elastic Legendre Coefficients



MAT 4992

Elastic Legendre Coefficients

50-Sn-101



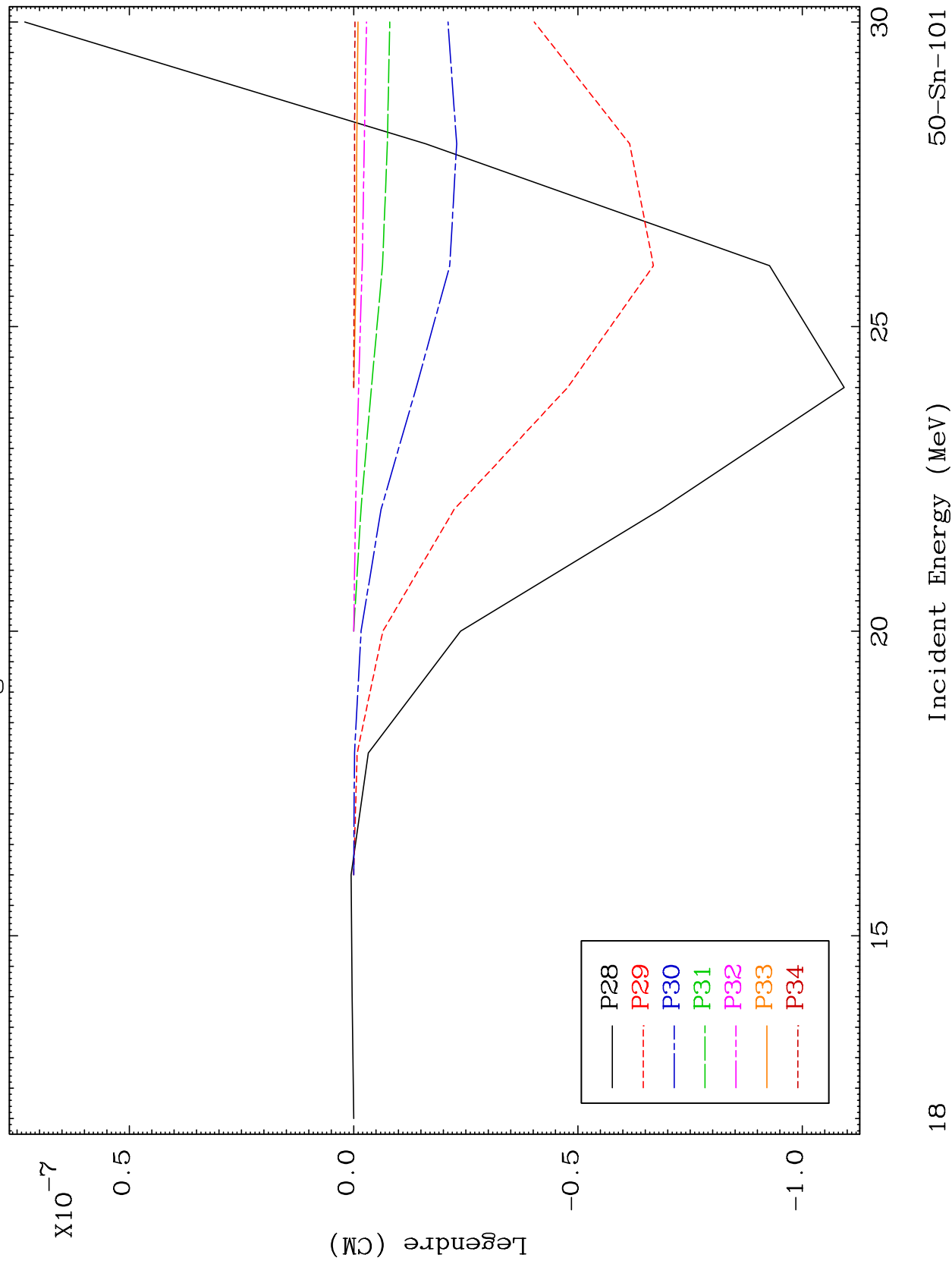
17

50-Sn-101

MAT 4992

Elastic Legendre Coefficients

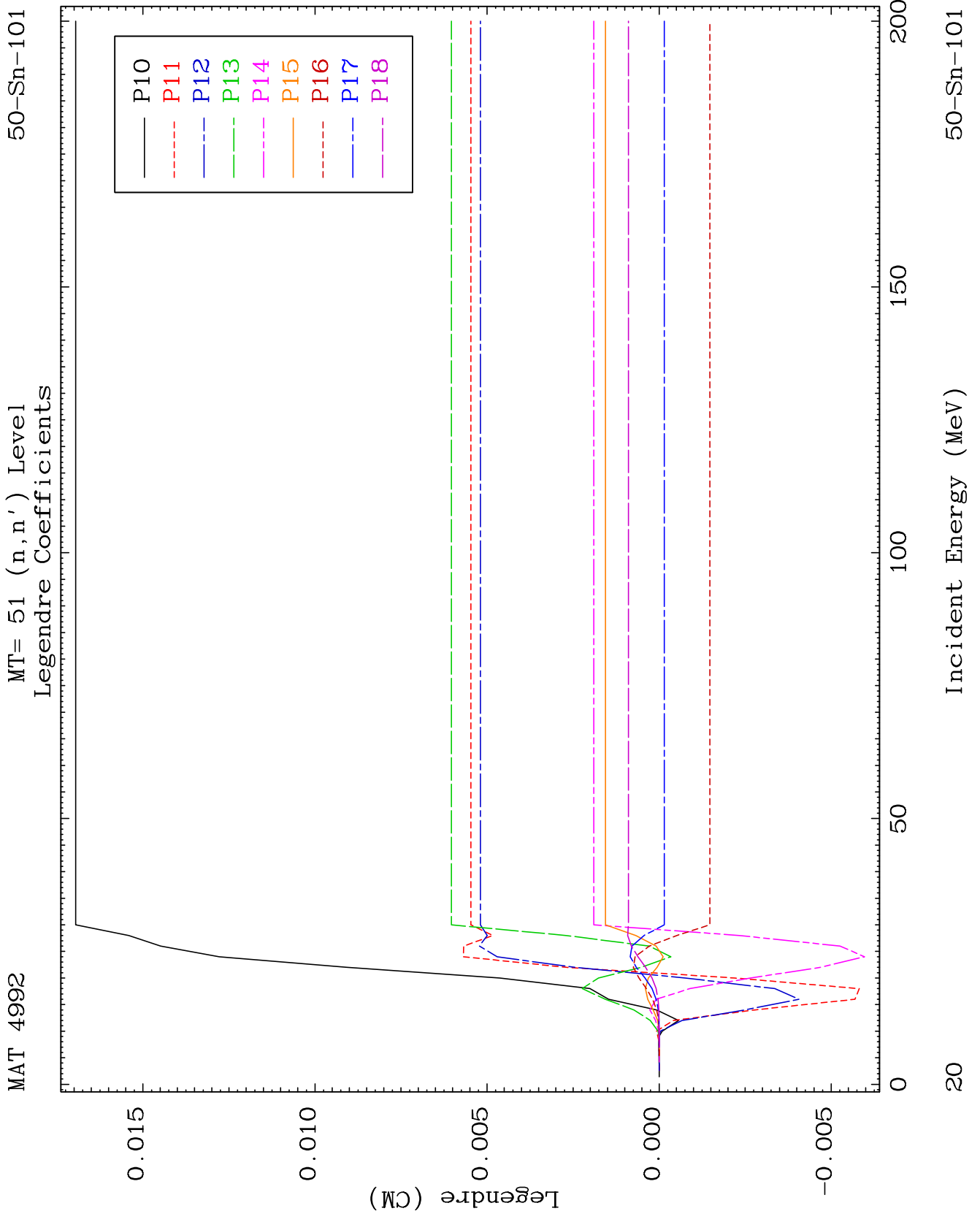
50-Sn-101



18

Incident Energy (MeV)

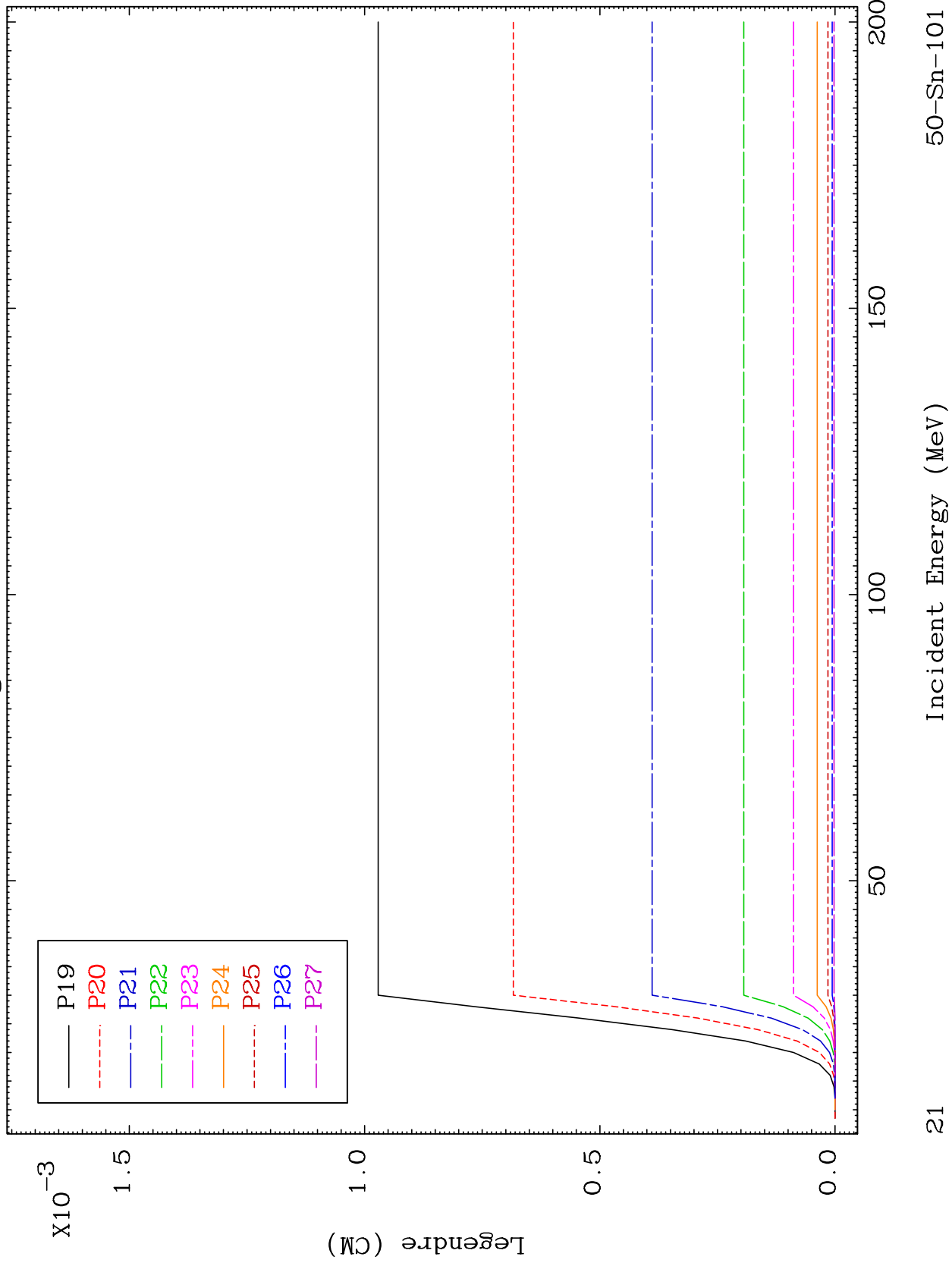
50-Sn-101



MAT 4992

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

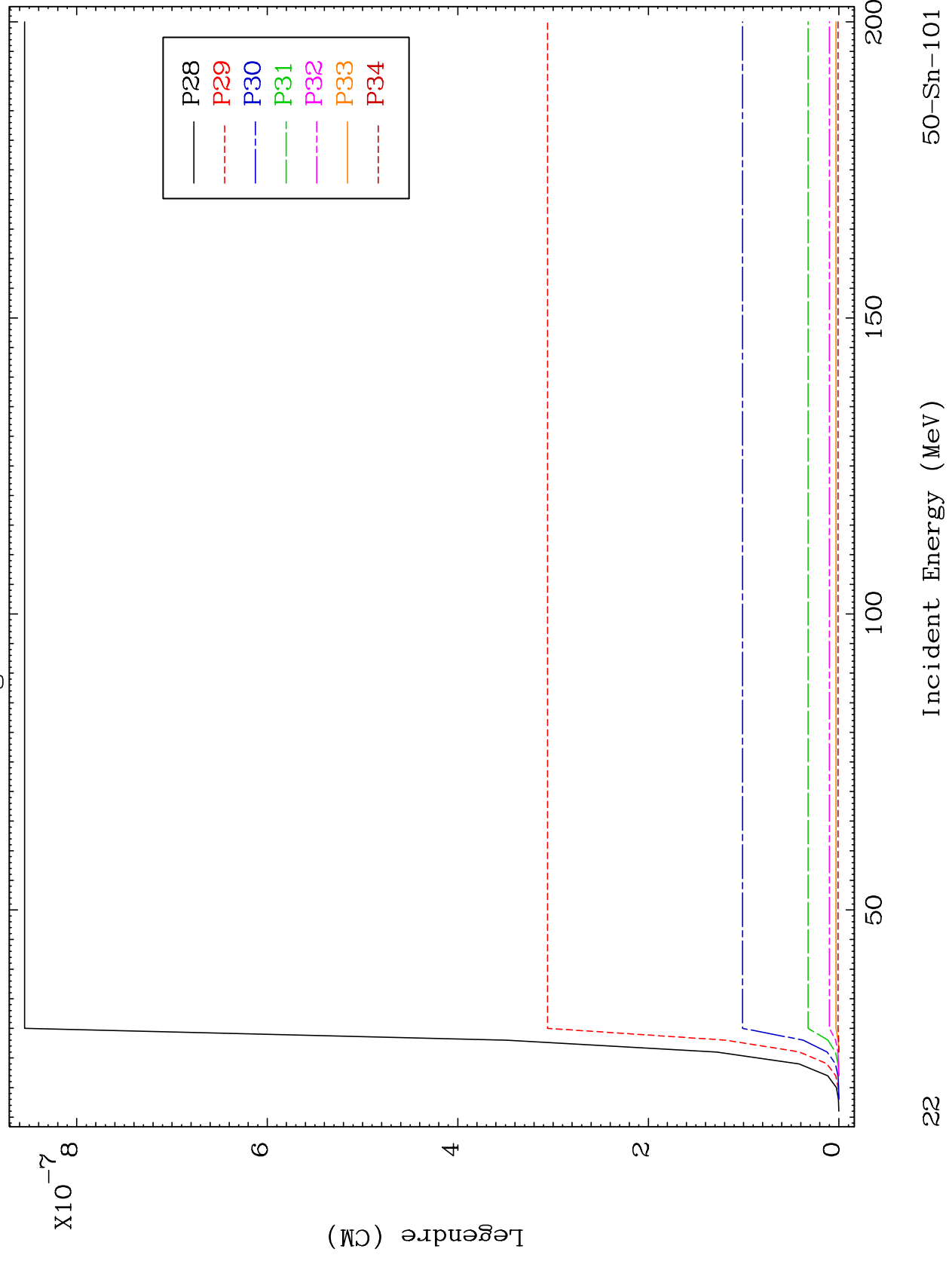
50-Sn-101



MAT 4992

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

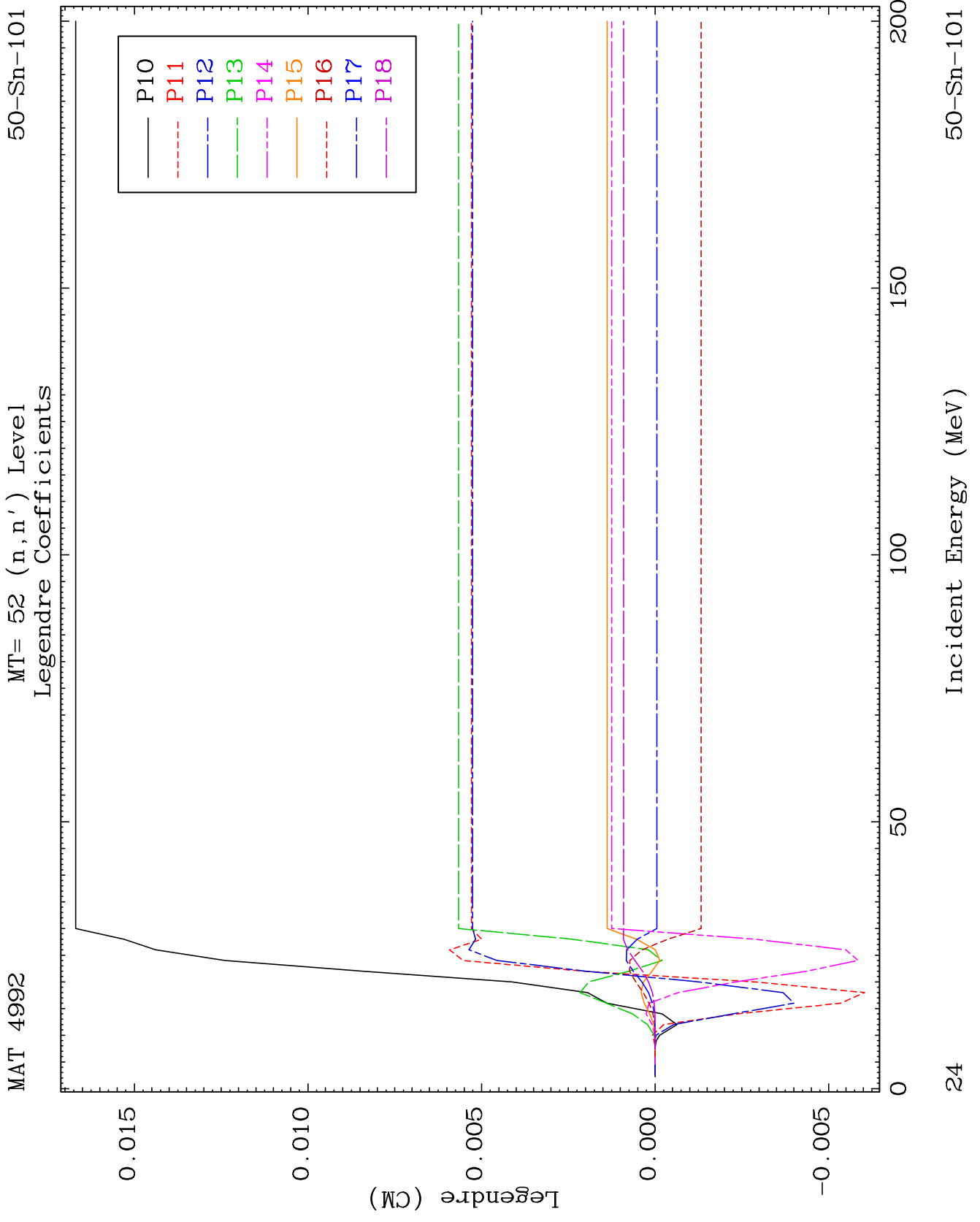
50-Sn-101



22

Incident Energy (MeV)

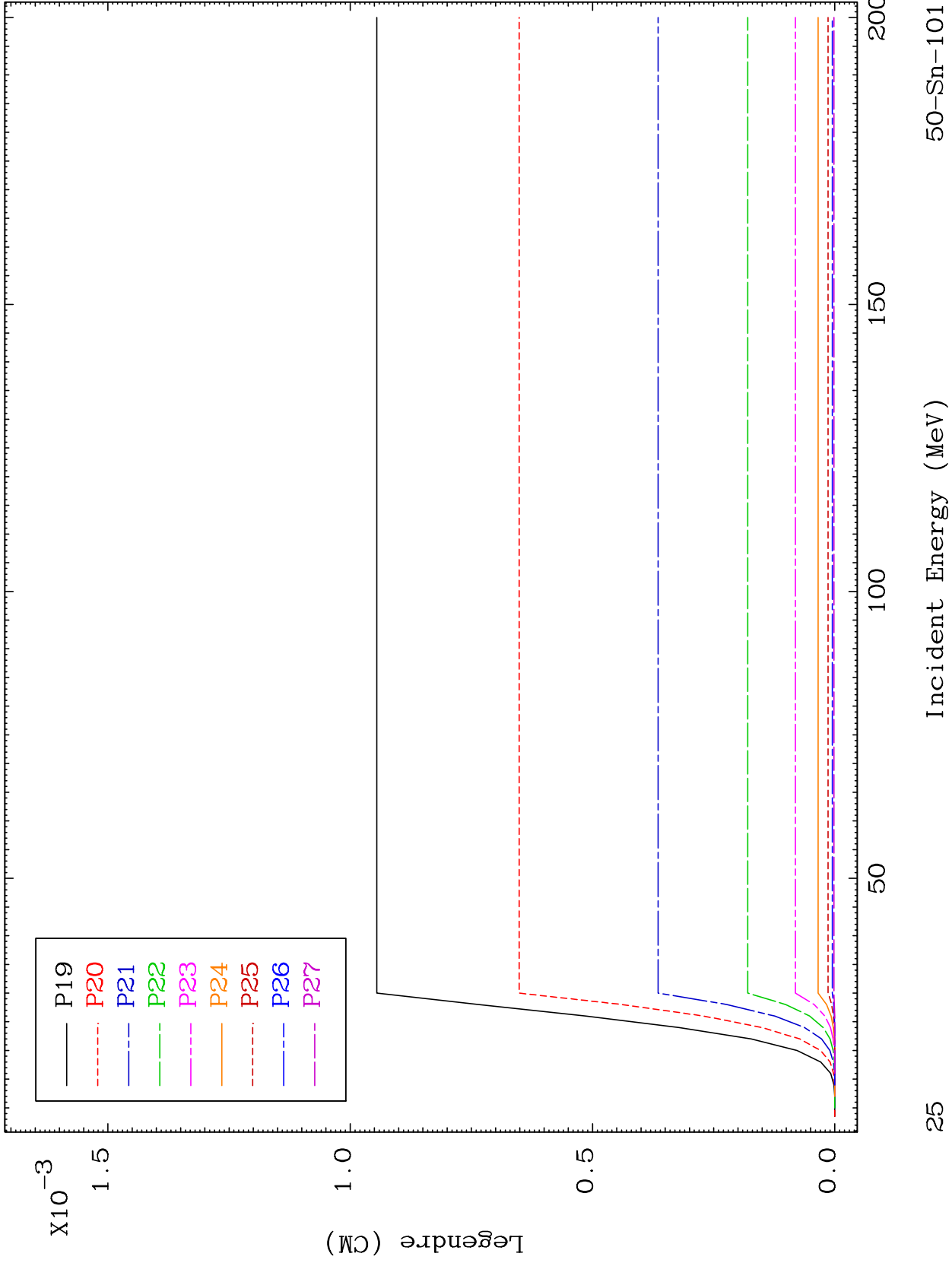
50-Sn-101



MAT 4992

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

50-Sn-101



25

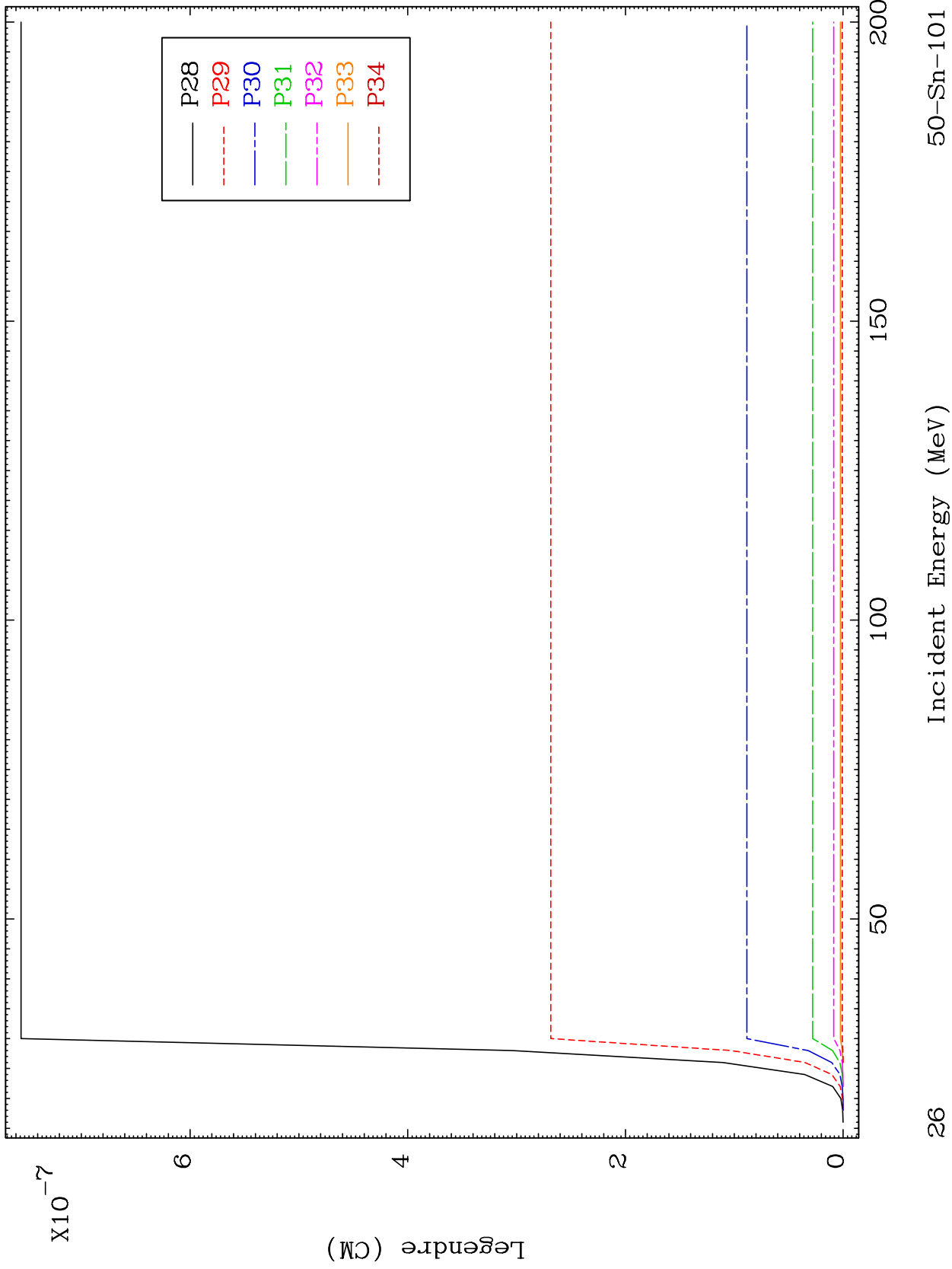
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



26

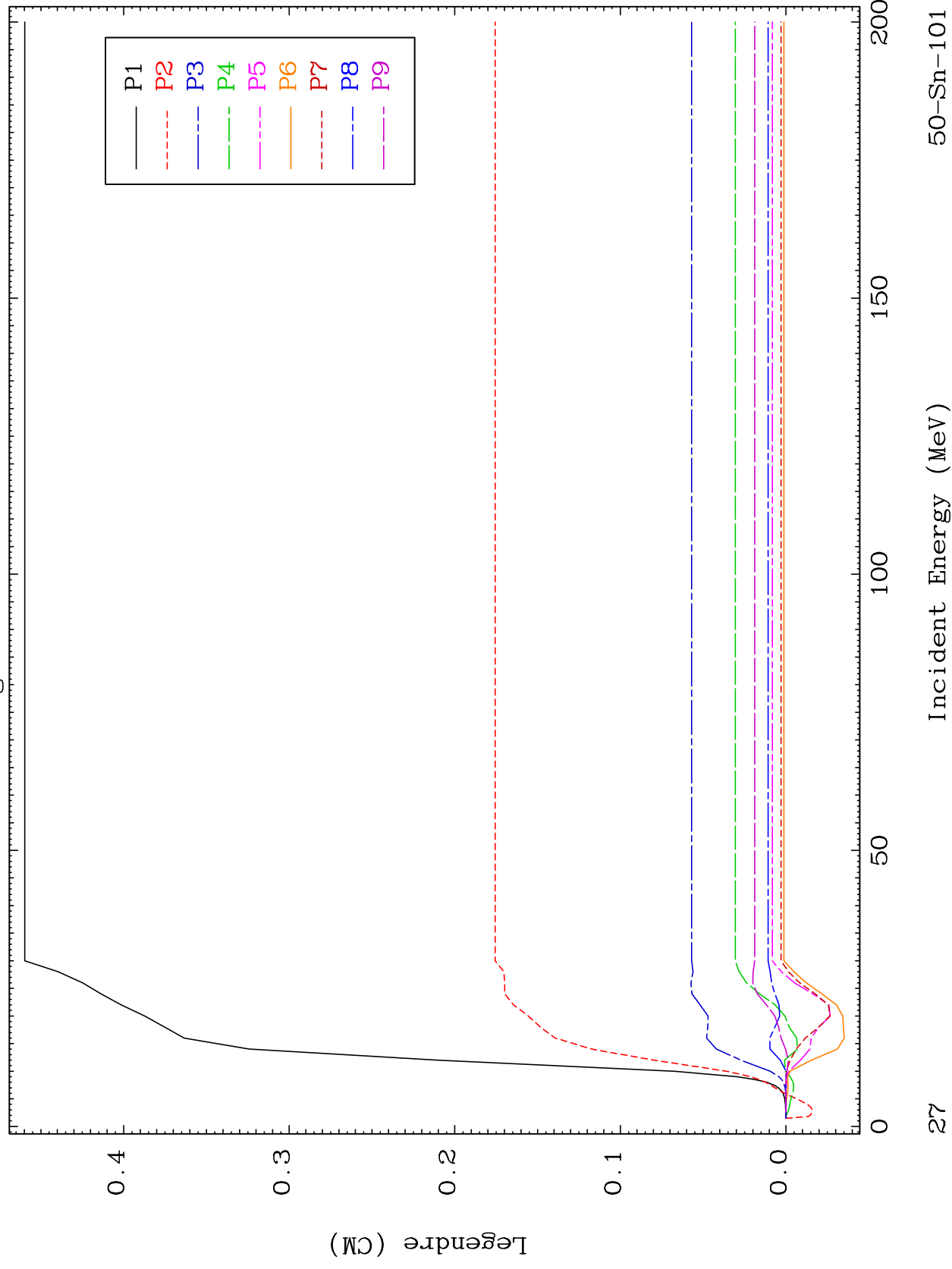
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



27

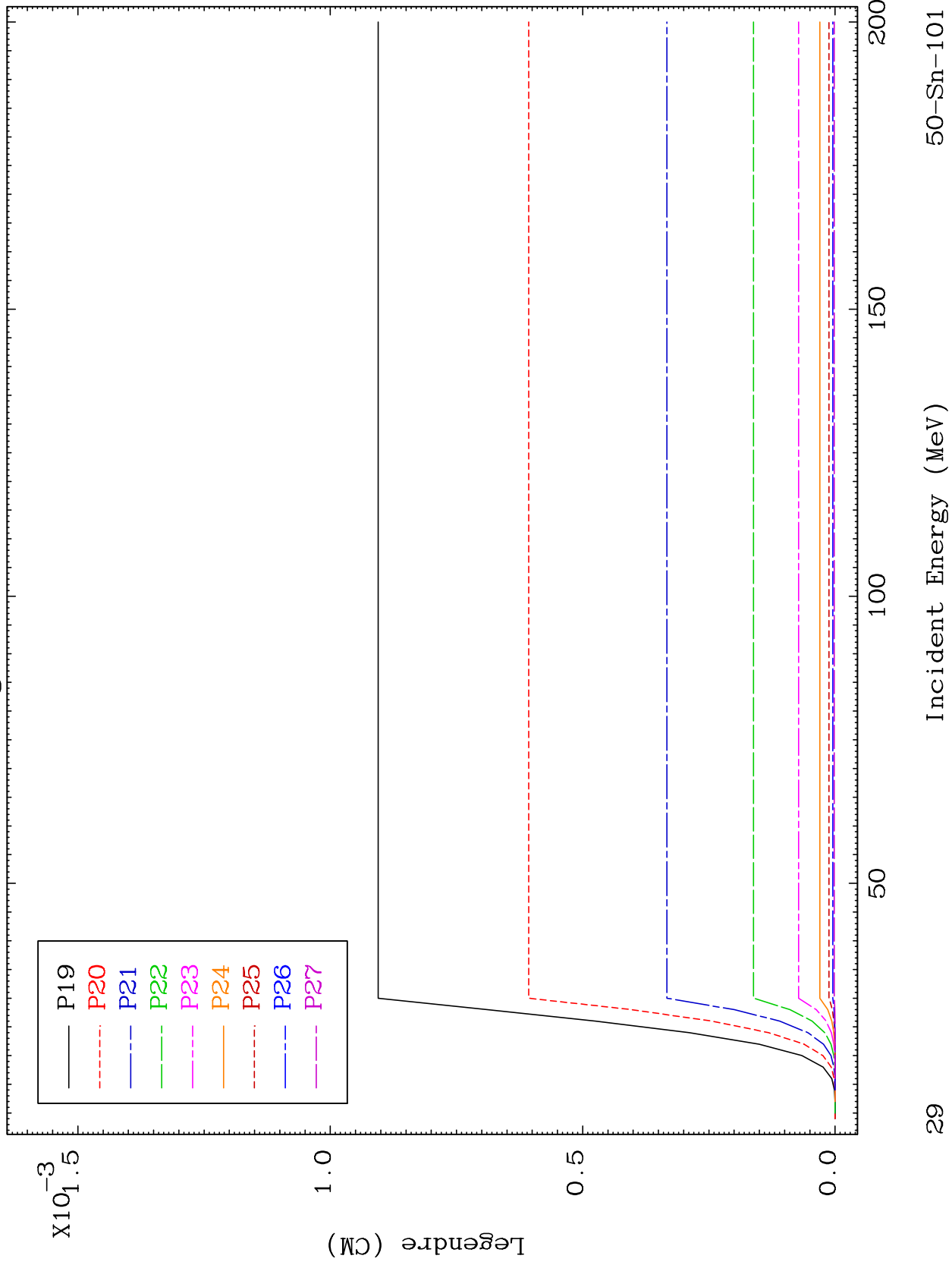
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101

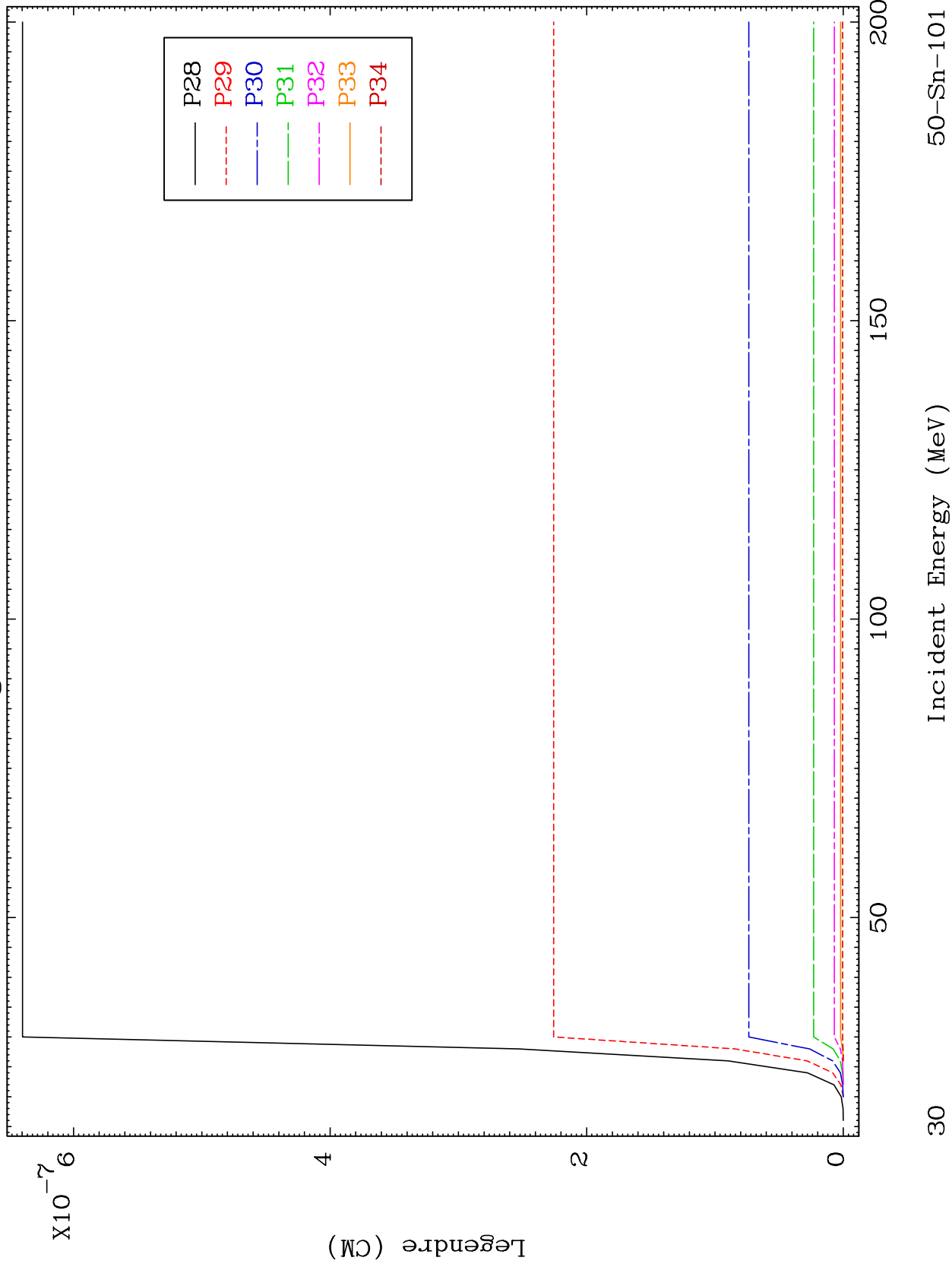


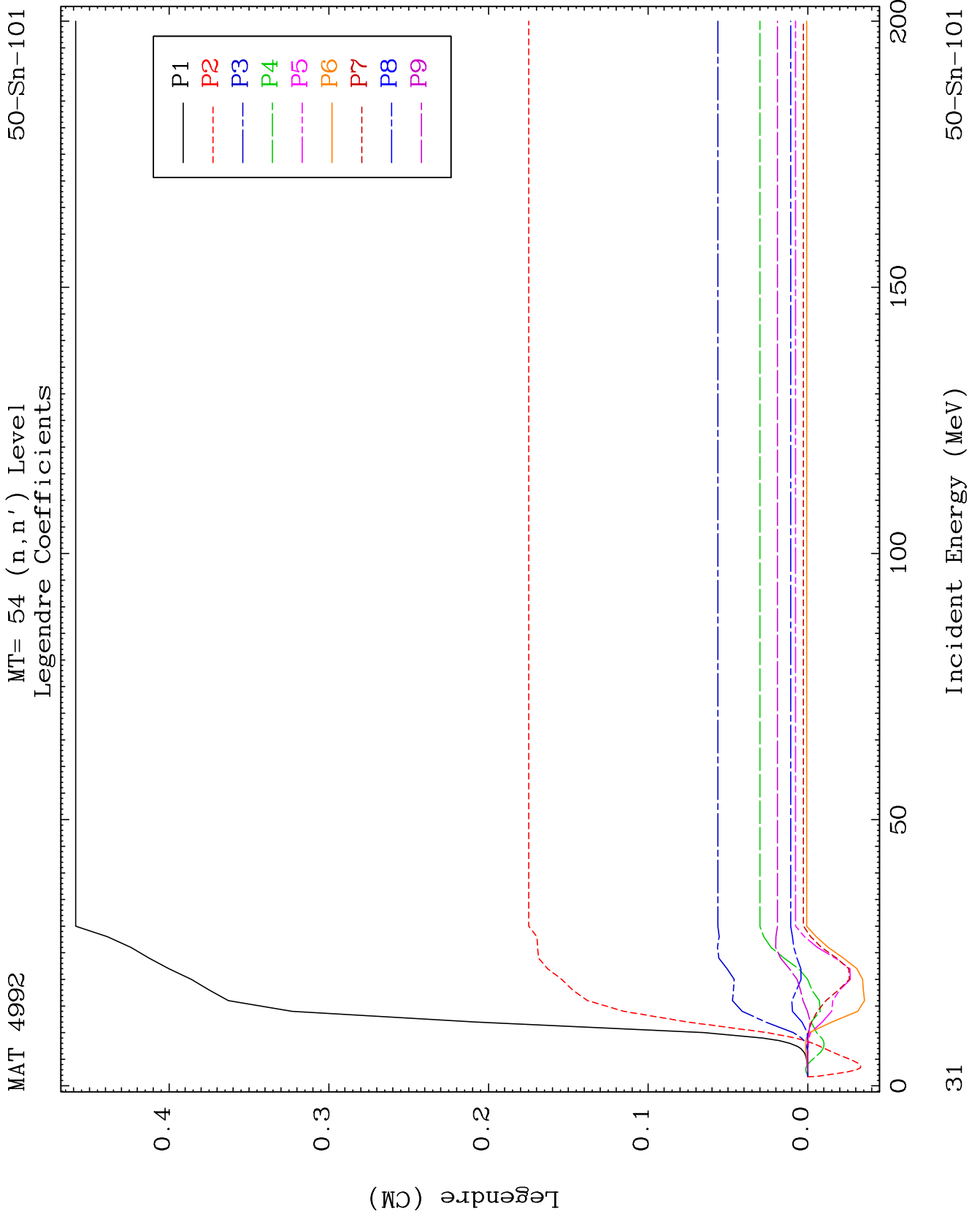
29

MAT 4992

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

50-Sn-101

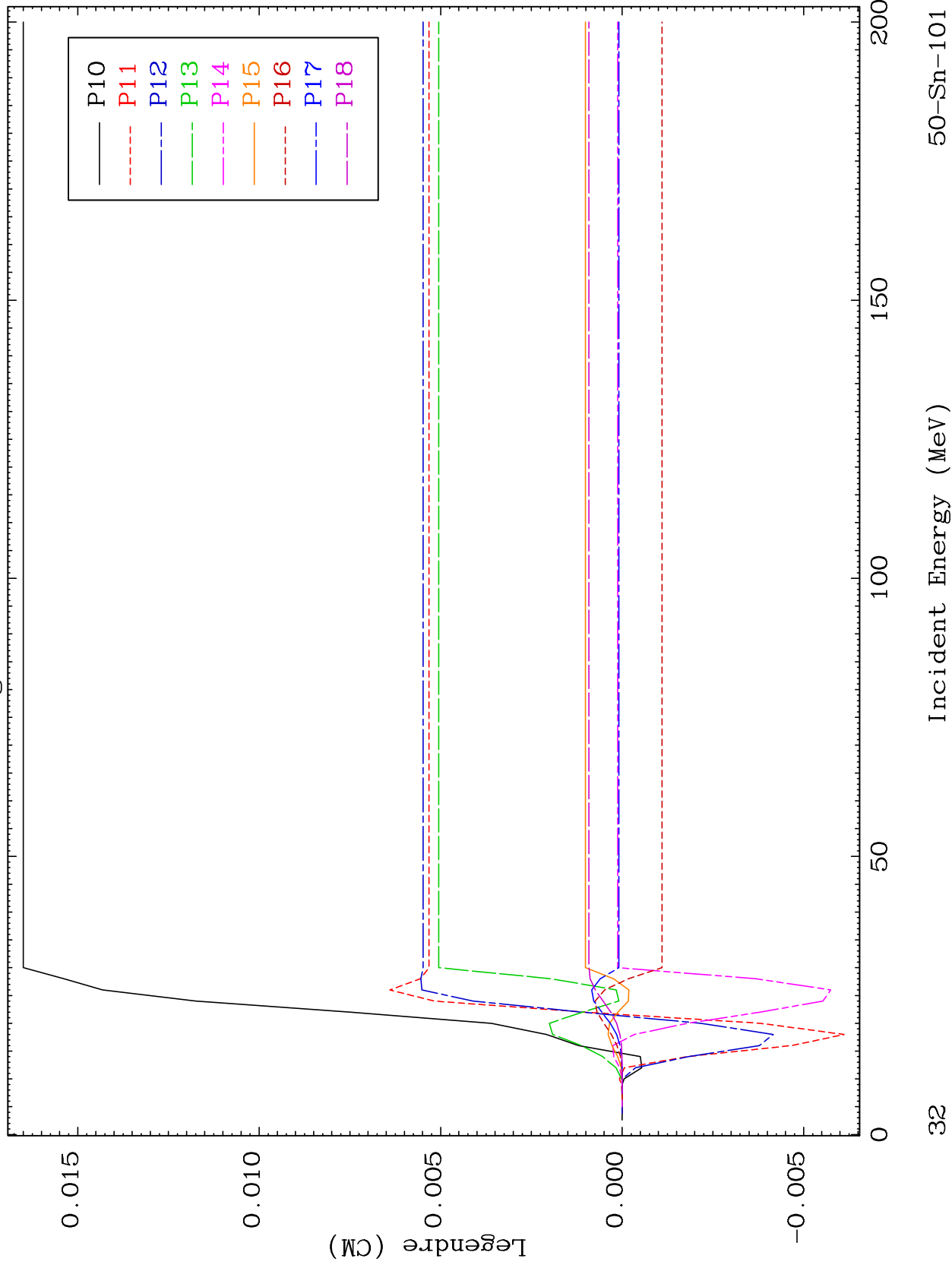




MAT 4992

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

50-Sn-101



50-Sn-101

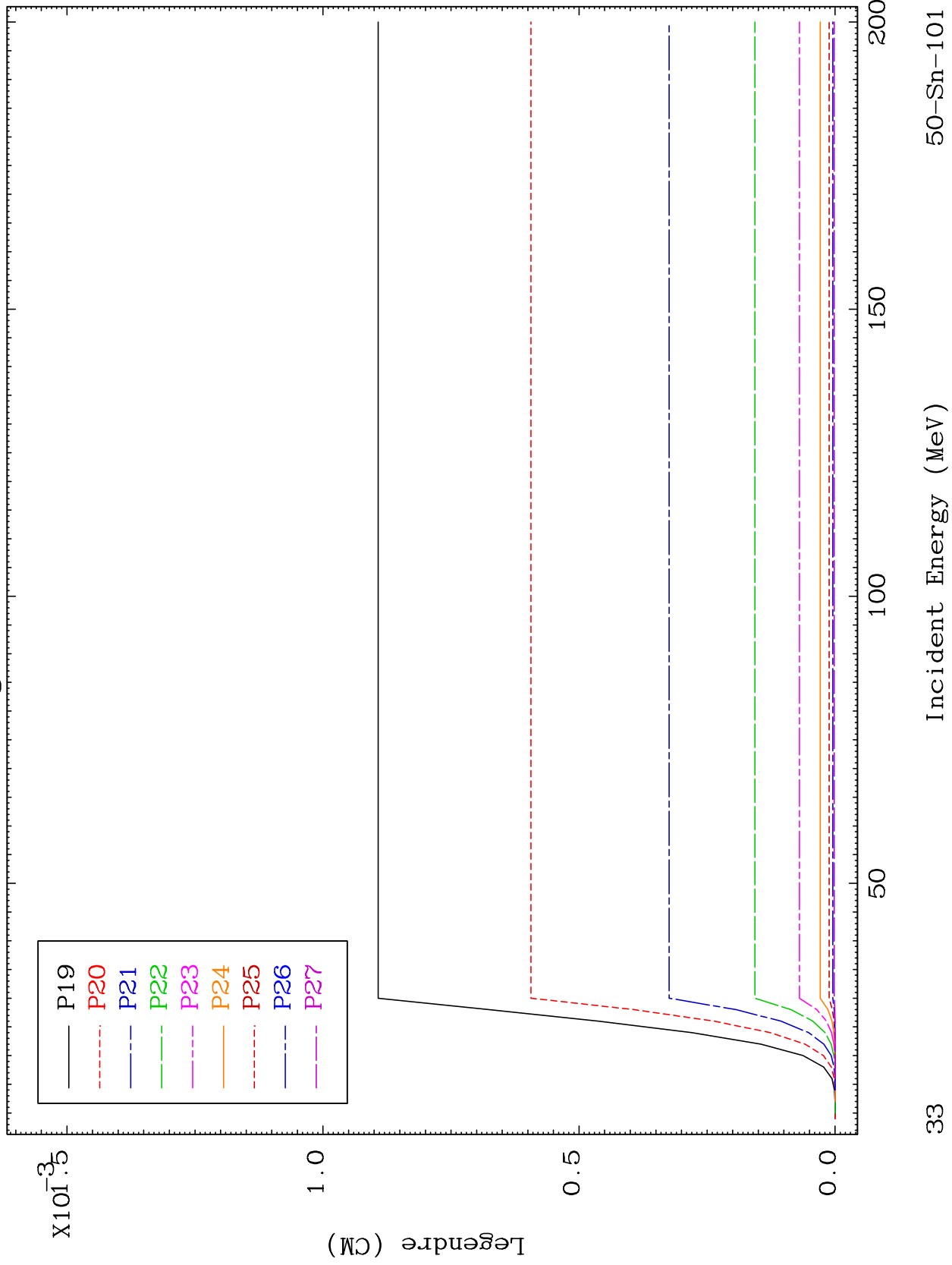
Incident Energy (MeV)

32

MAT 4992

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

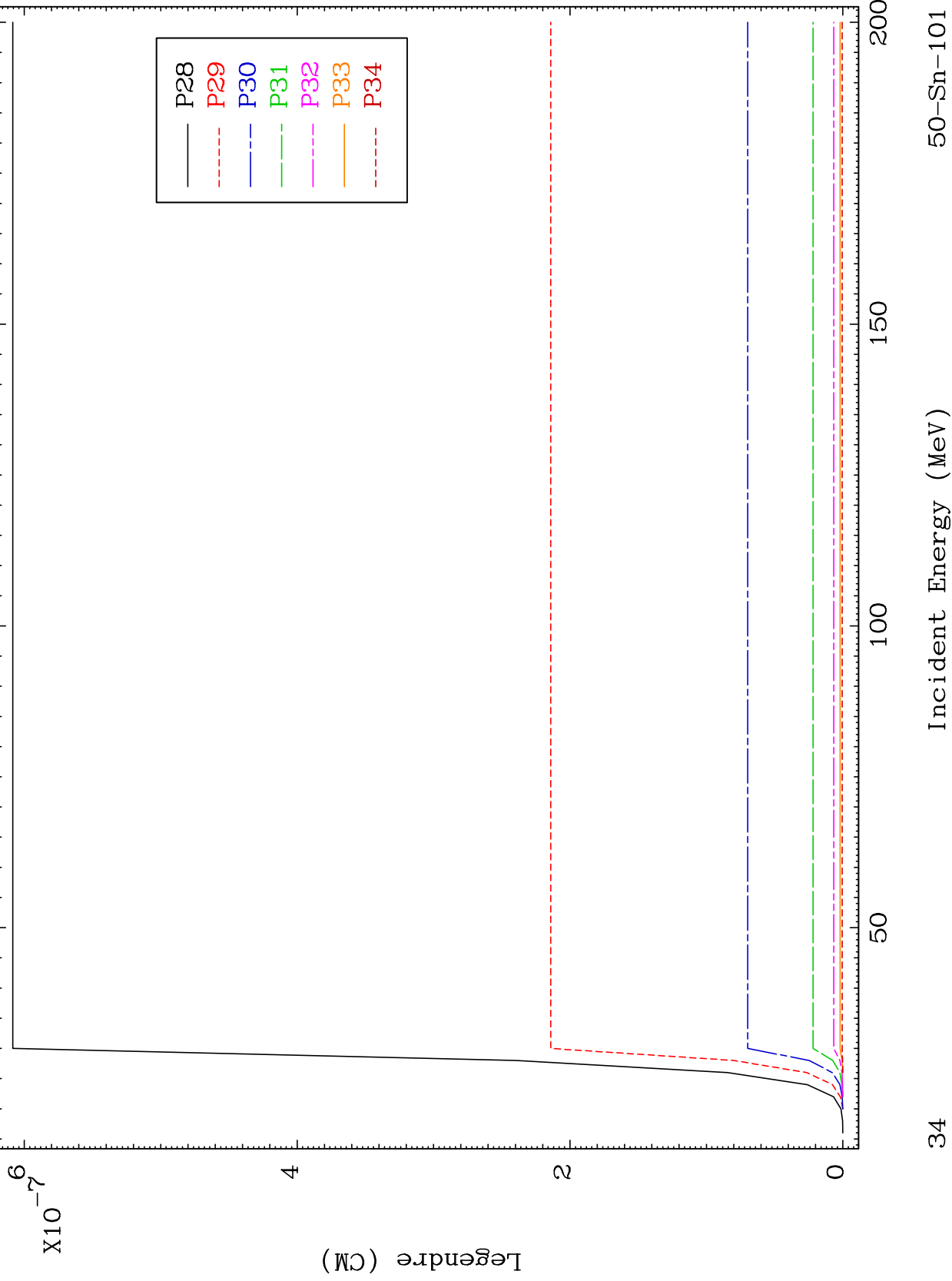
50-Sn-101

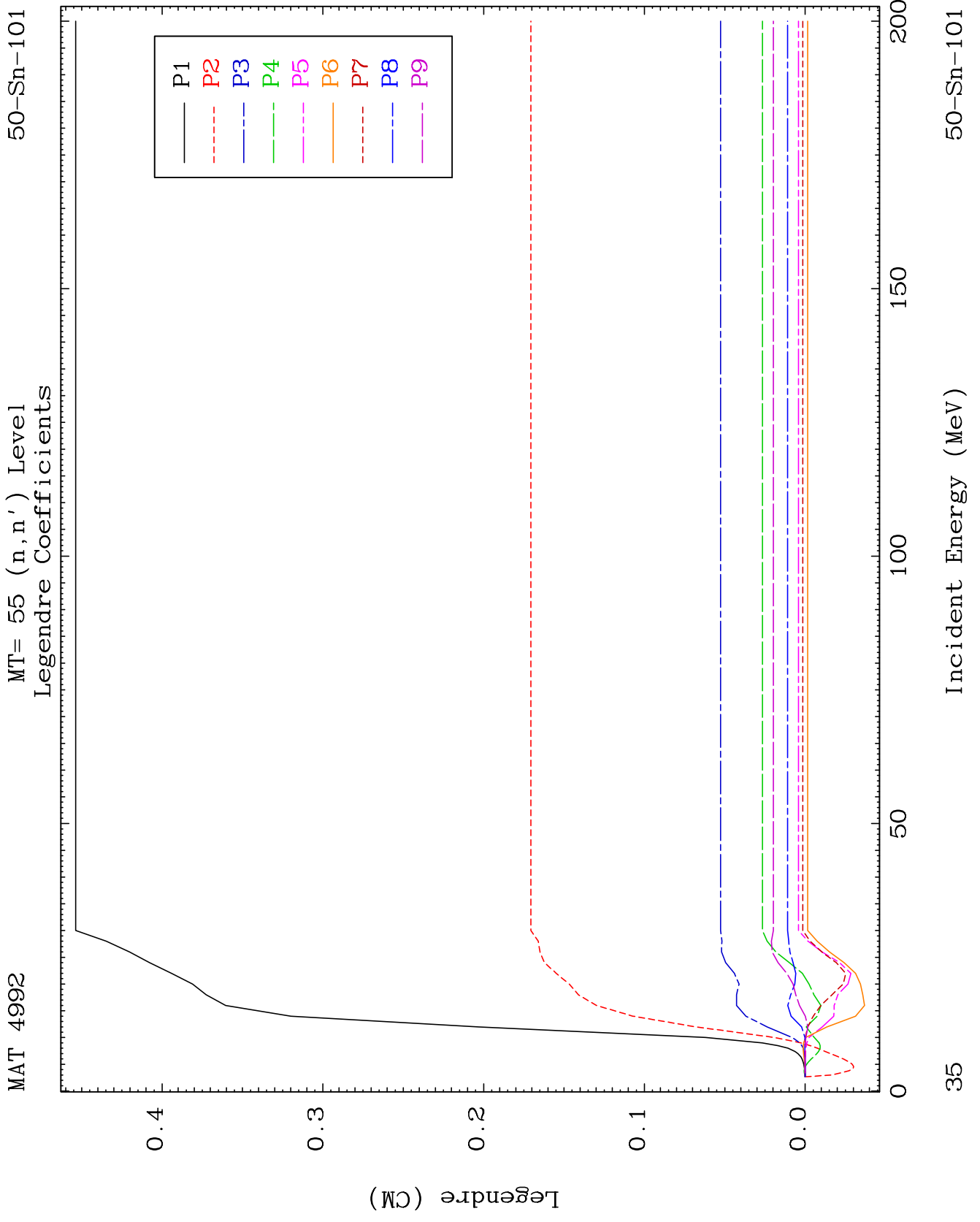


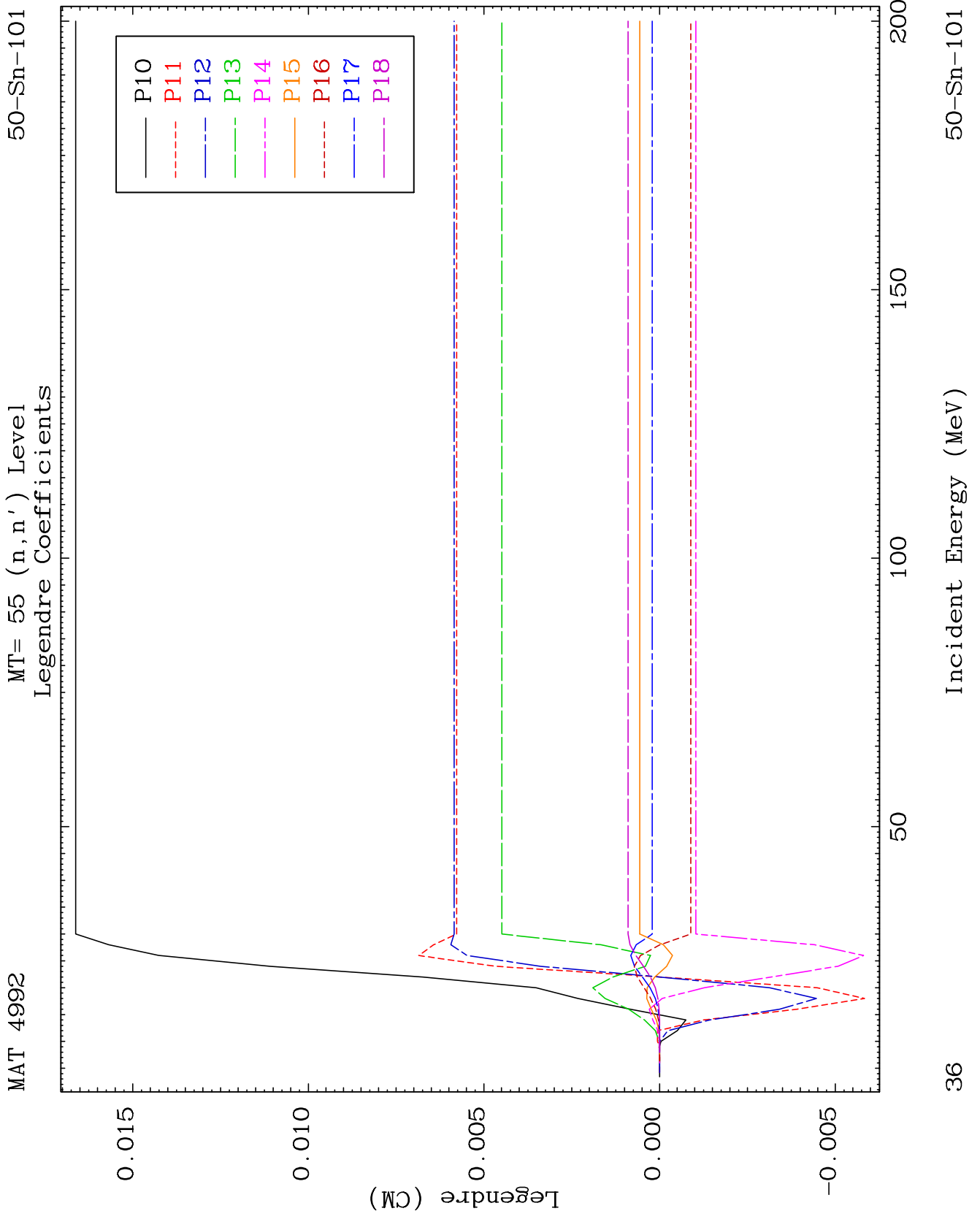
MAT 4992

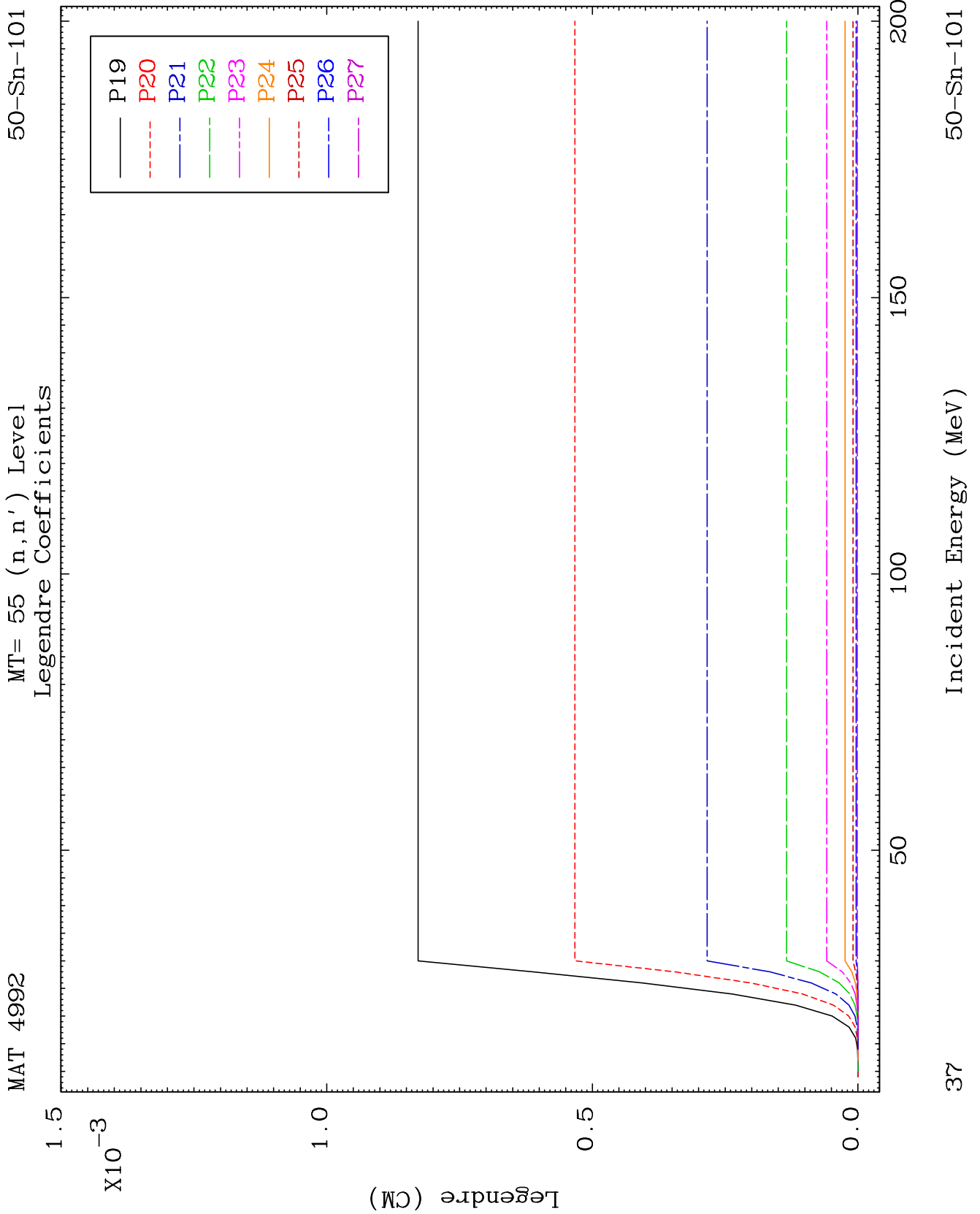
MT= 54 (n,n') Level
Legendre Coefficients

50-Sn-101





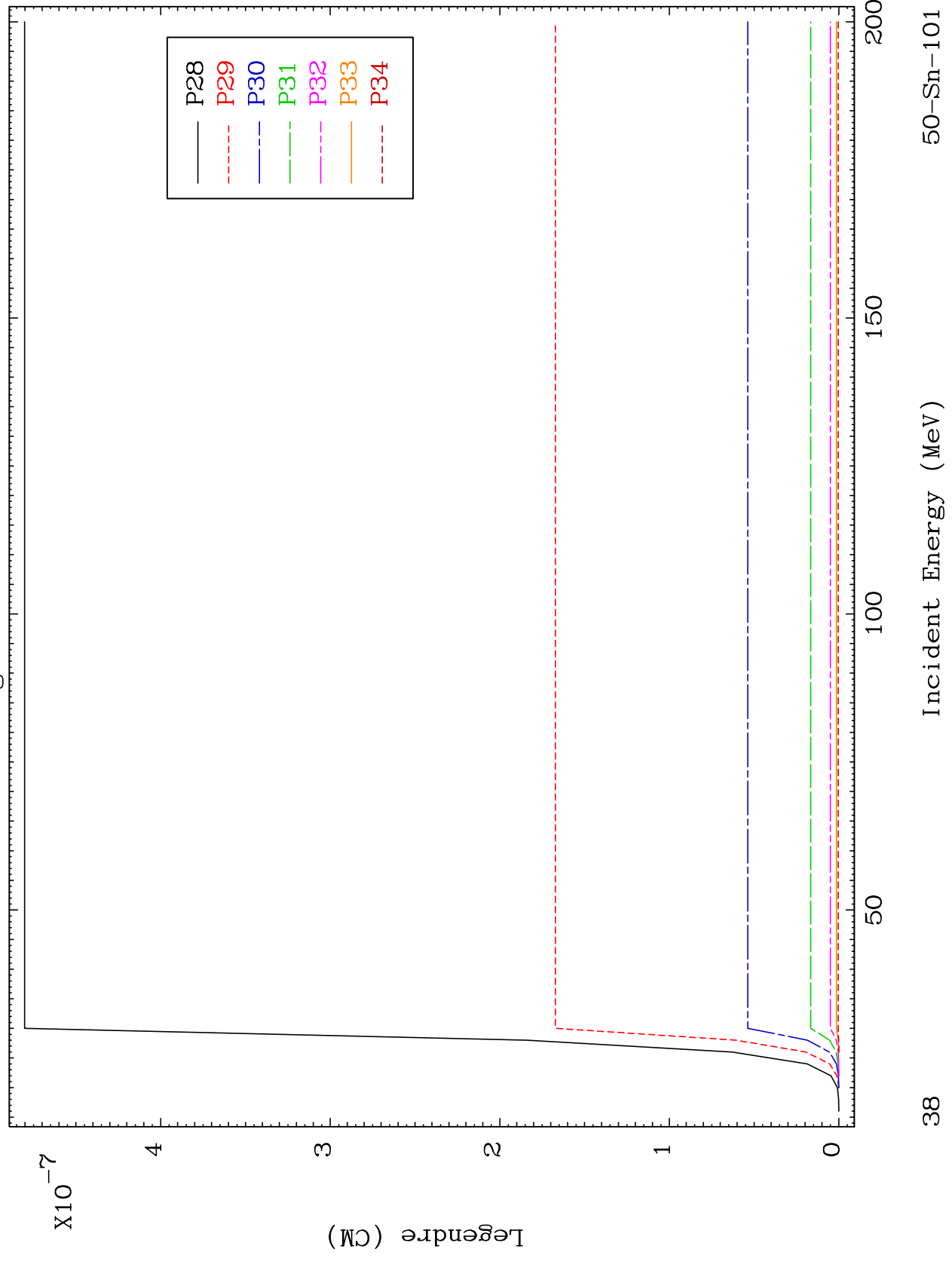




MAT 4992

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

50-Sn-101



38

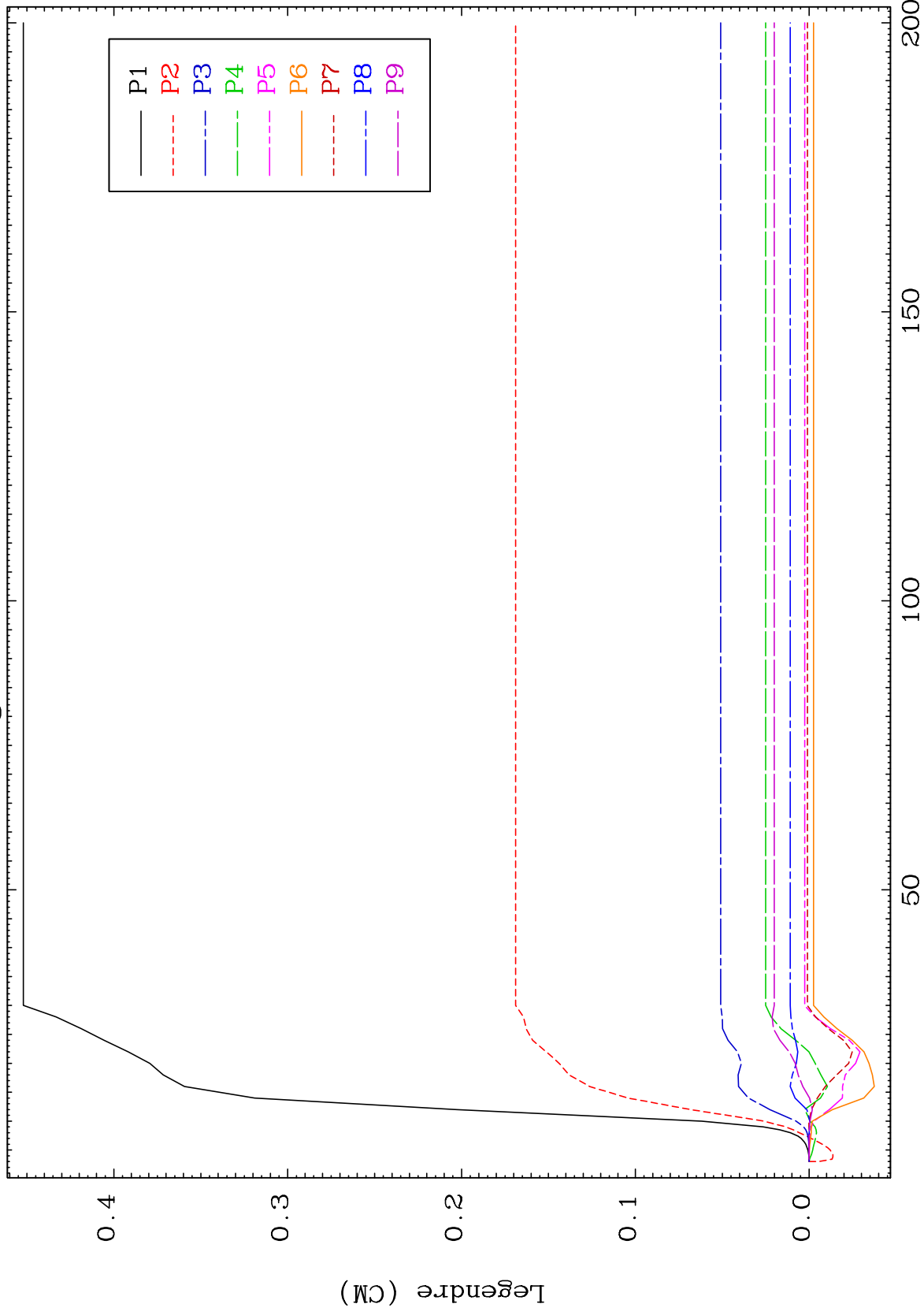
Incident Energy (MeV)

50-Sn-101

MAT 4992

MT= 56 (n,n') Level
Legendre Coefficients

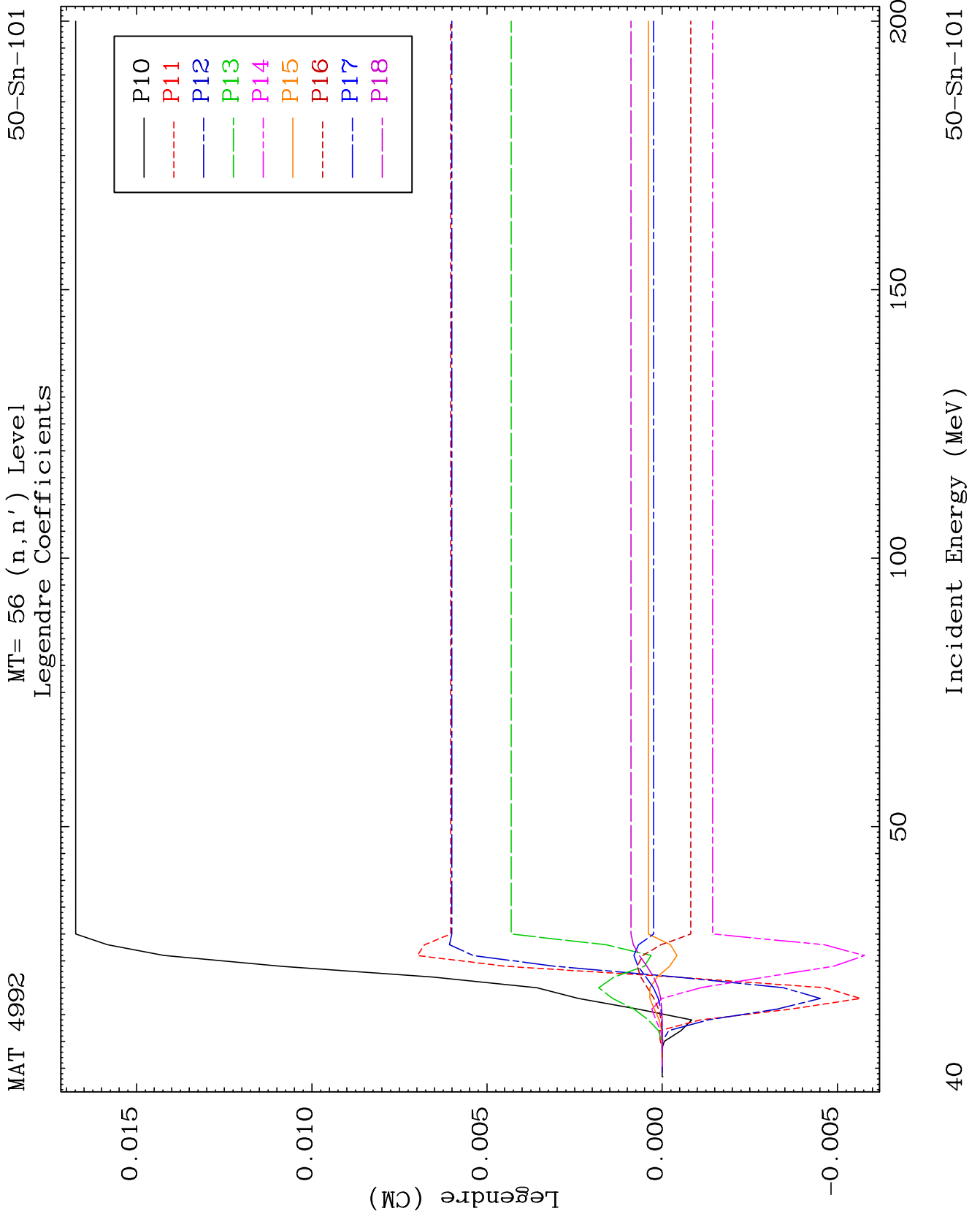
50-Sn-101



39

Incident Energy (MeV)

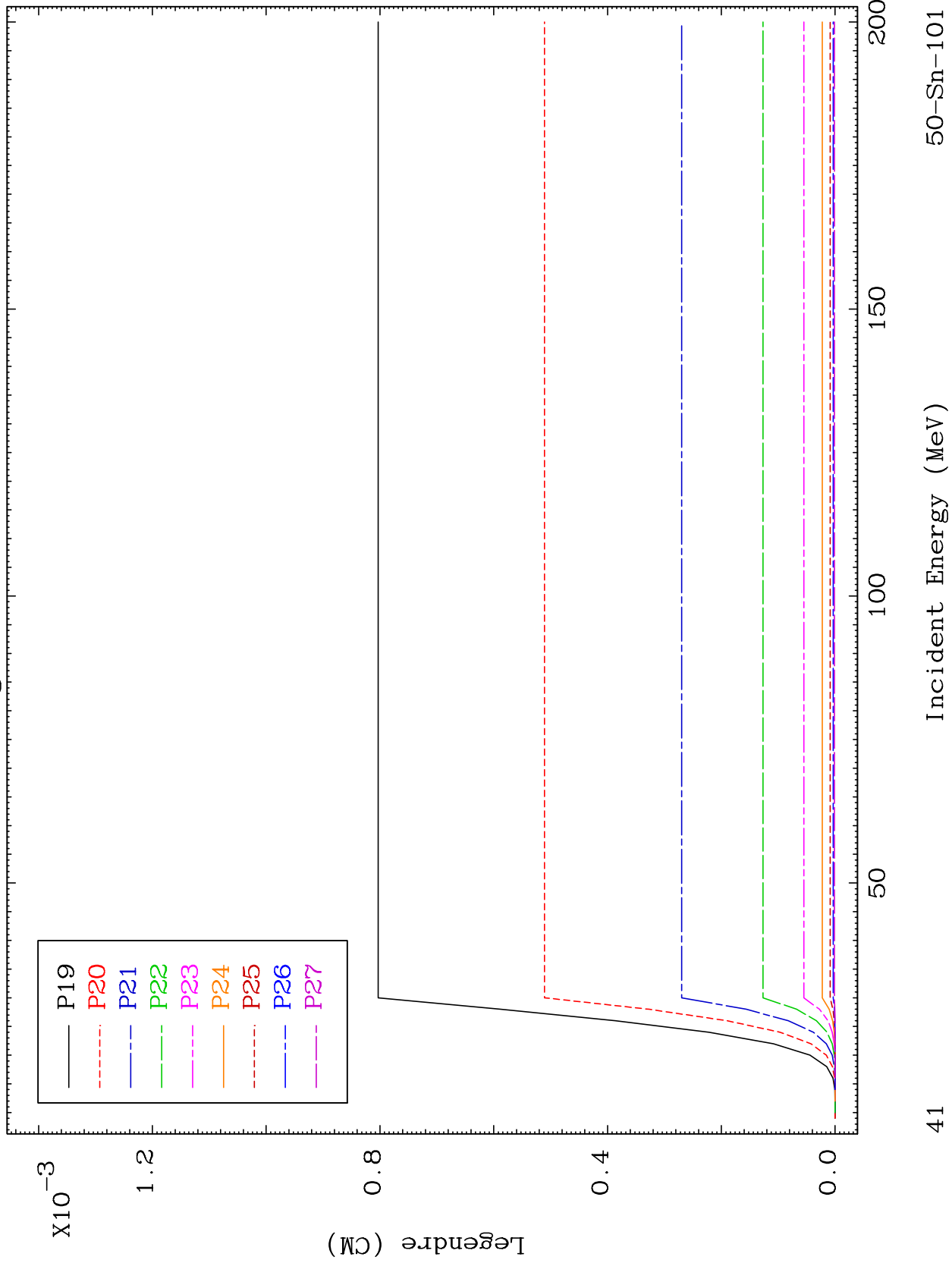
50-Sn-101



MAT 4992

MT= 56 (n,n') Level
Legendre Coefficients

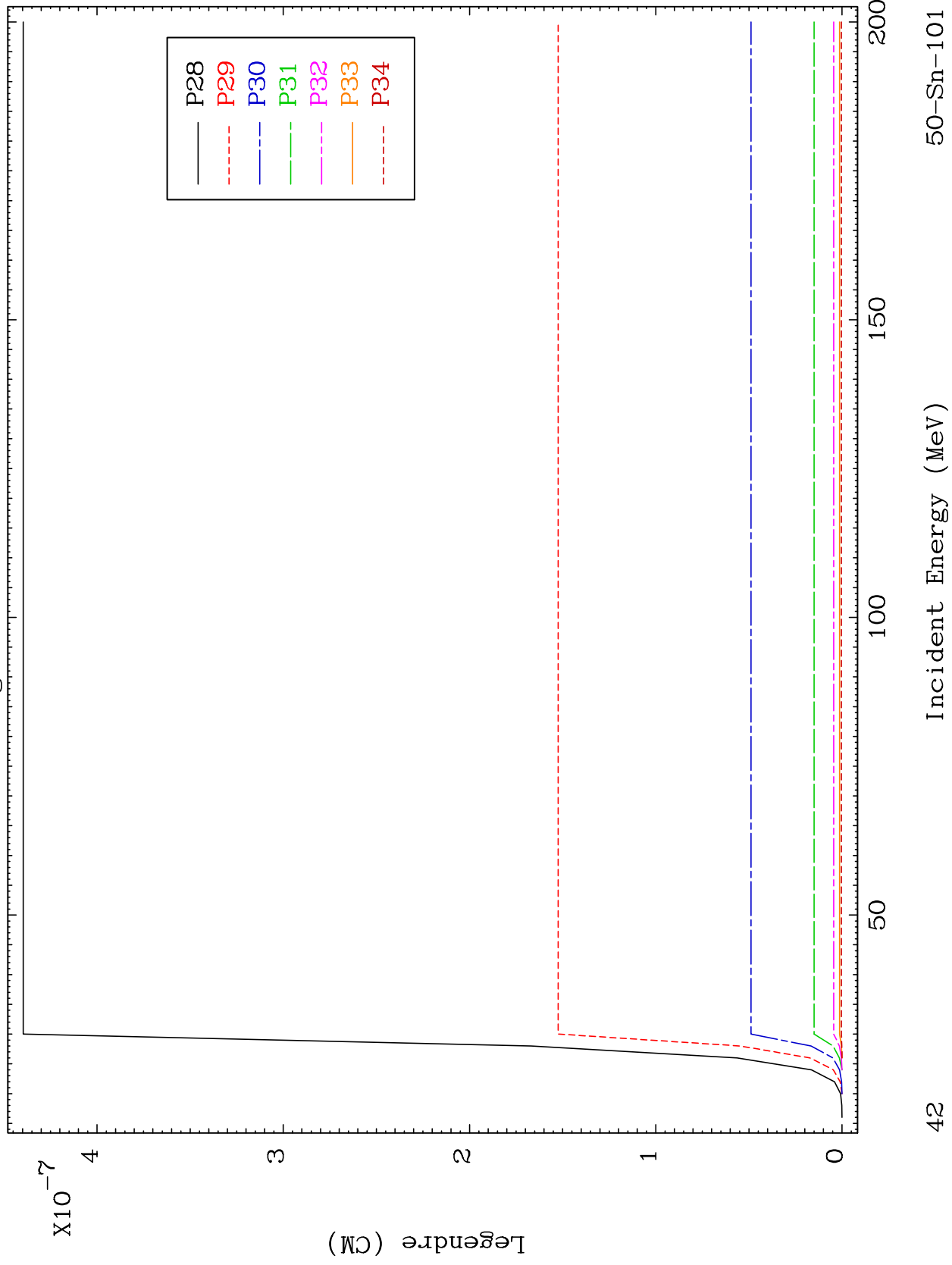
50-Sn-101



MAT 4992

MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-101

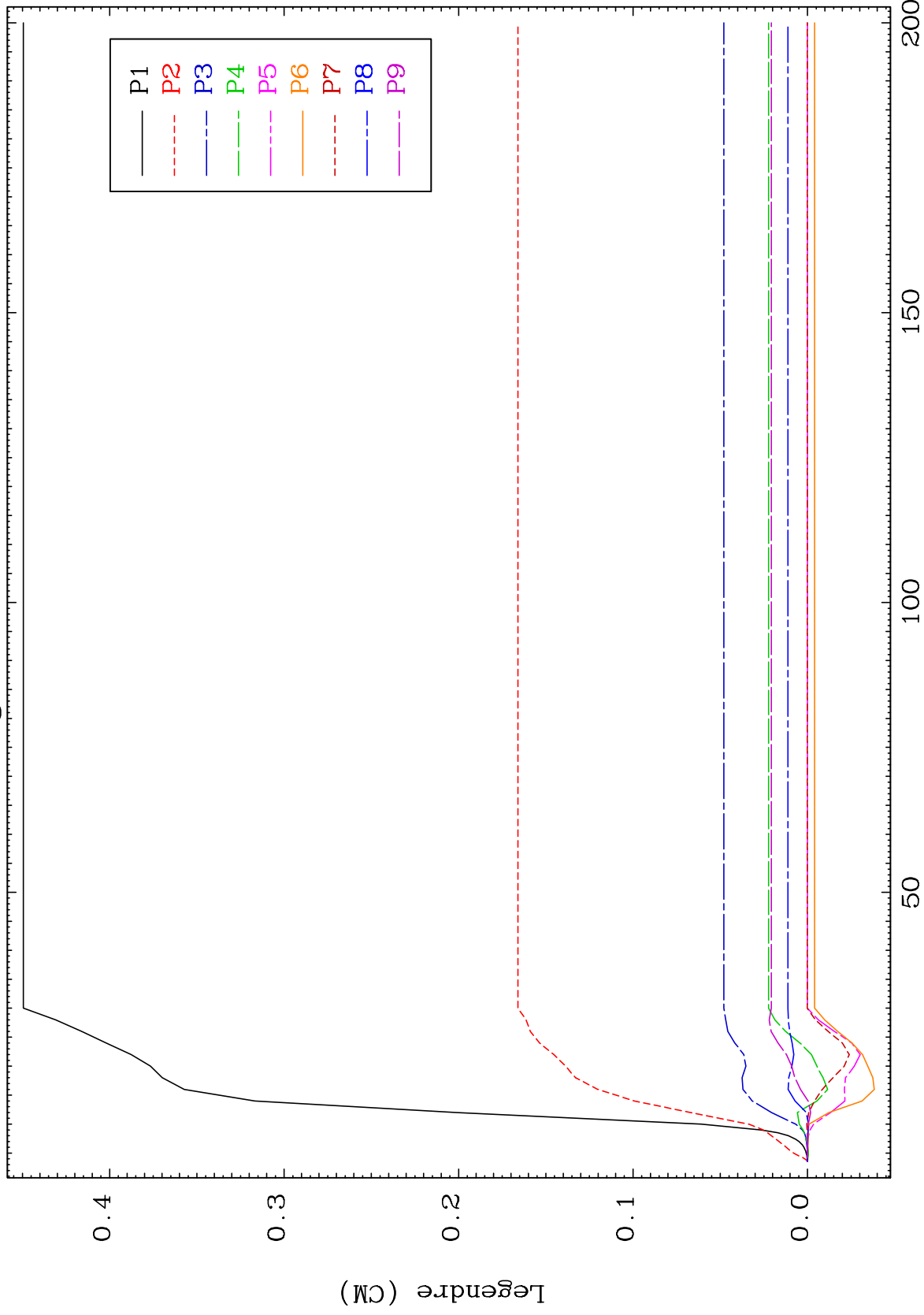


MAT 4992

MT= 57 (n,n') Level

50-Sn-101

Legendre Coefficients



43

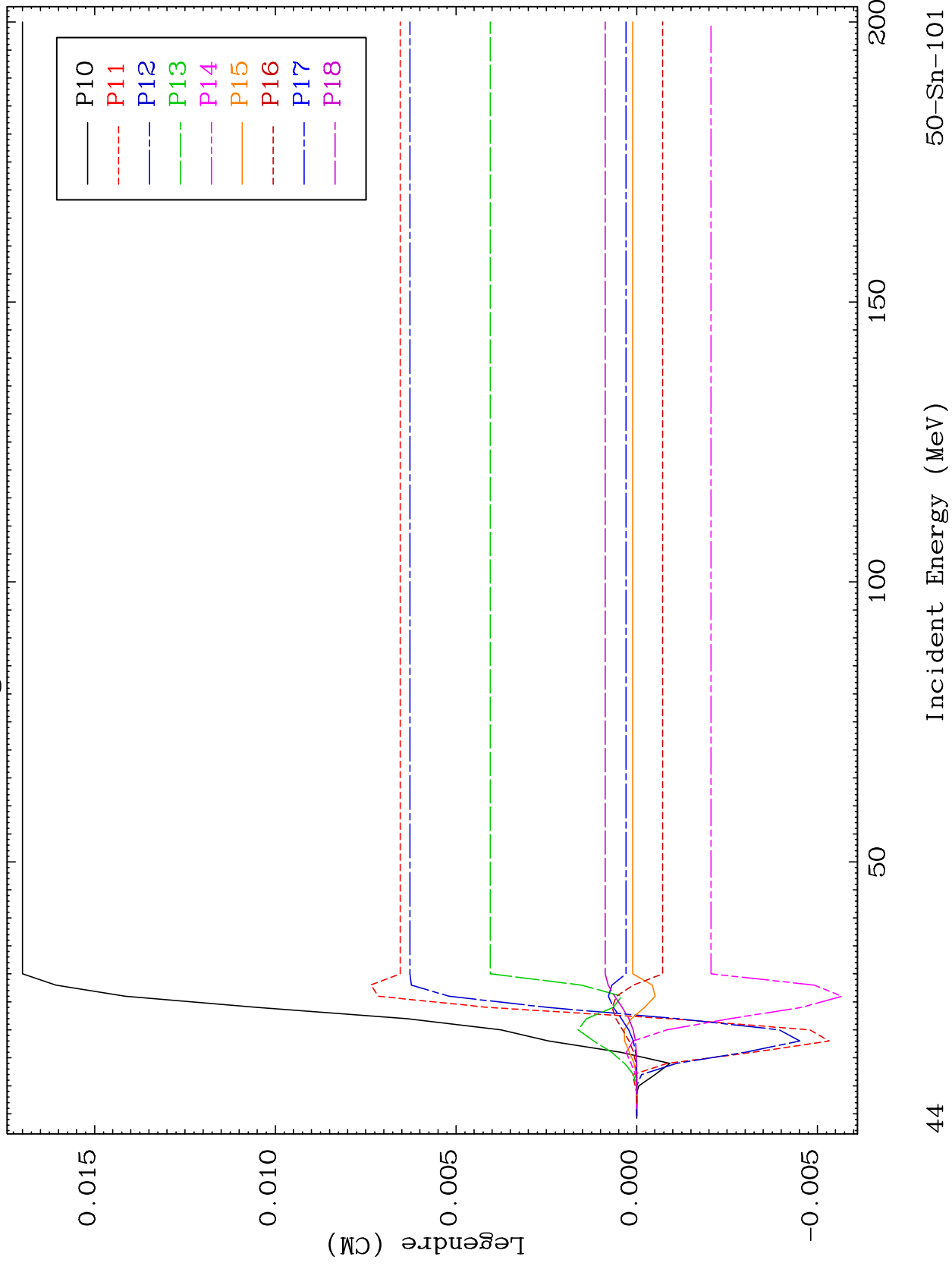
Incident Energy (MeV)

50-Sn-101

MAT 4992

MT= 57 (n,n') Level
Legendre Coefficients

50-Sn-101



44

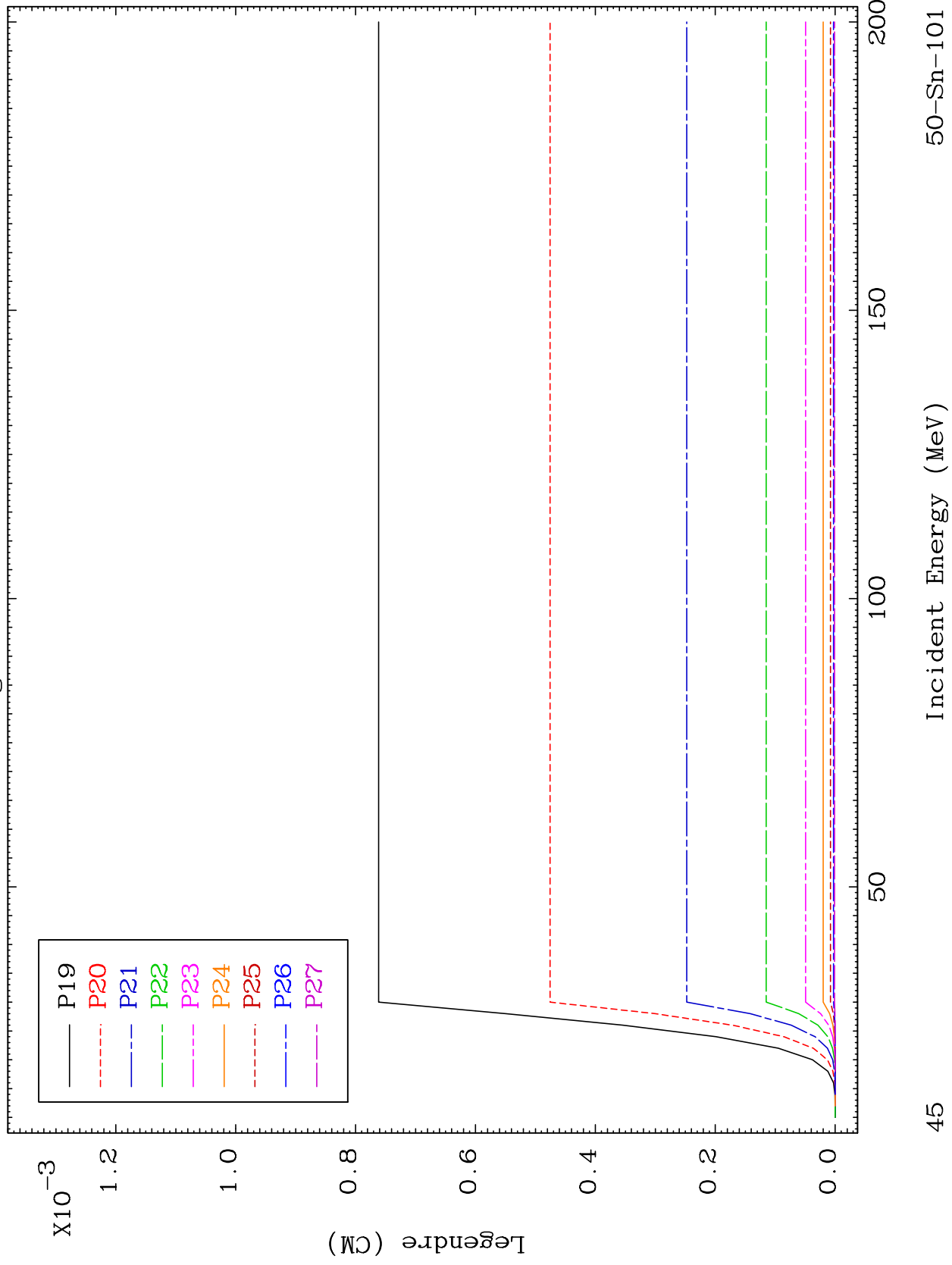
Incident Energy (MeV)

50-Sn-101

MAT 4992

MT= 57 (n,n') Level
Legendre Coefficients

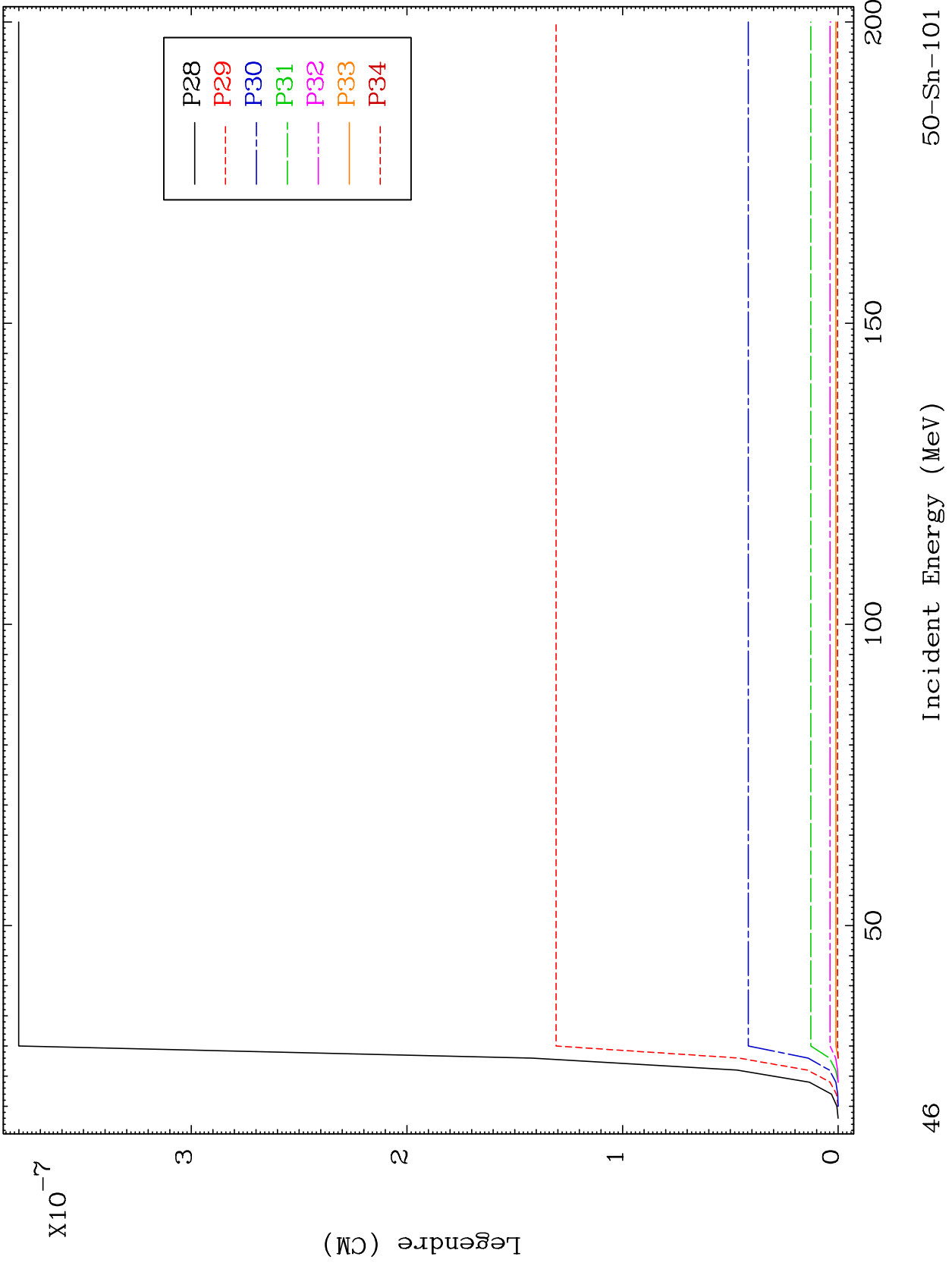
50-Sn-101



MAT 4992

MT= 57 (n,n') Level
Legendre Coefficients

50-Sn-101



46

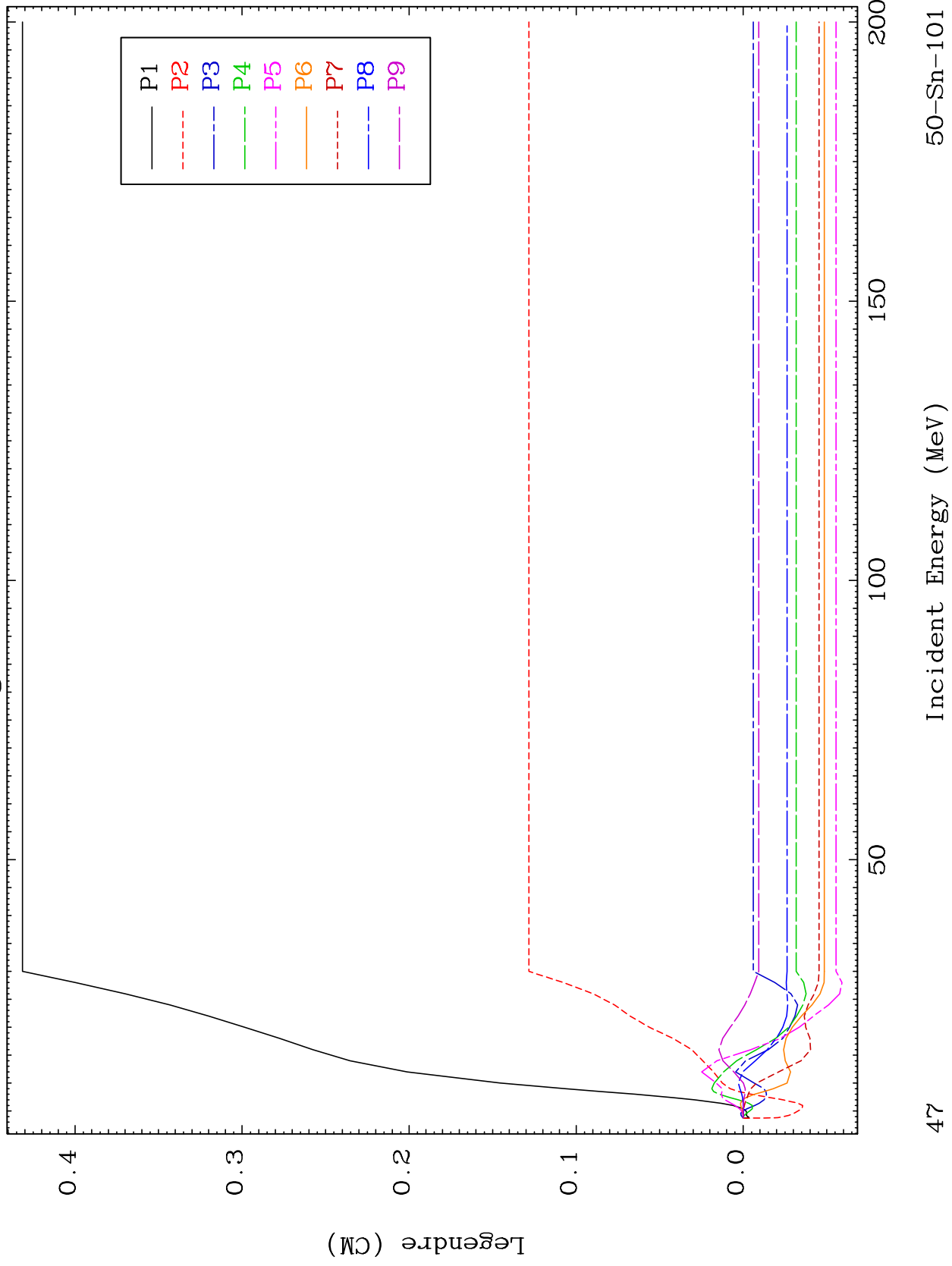
Incident Energy (MeV)

50-Sn-101

MAT 4992

MT= 58 (n,n') Level
Legendre Coefficients

50-Sn-101



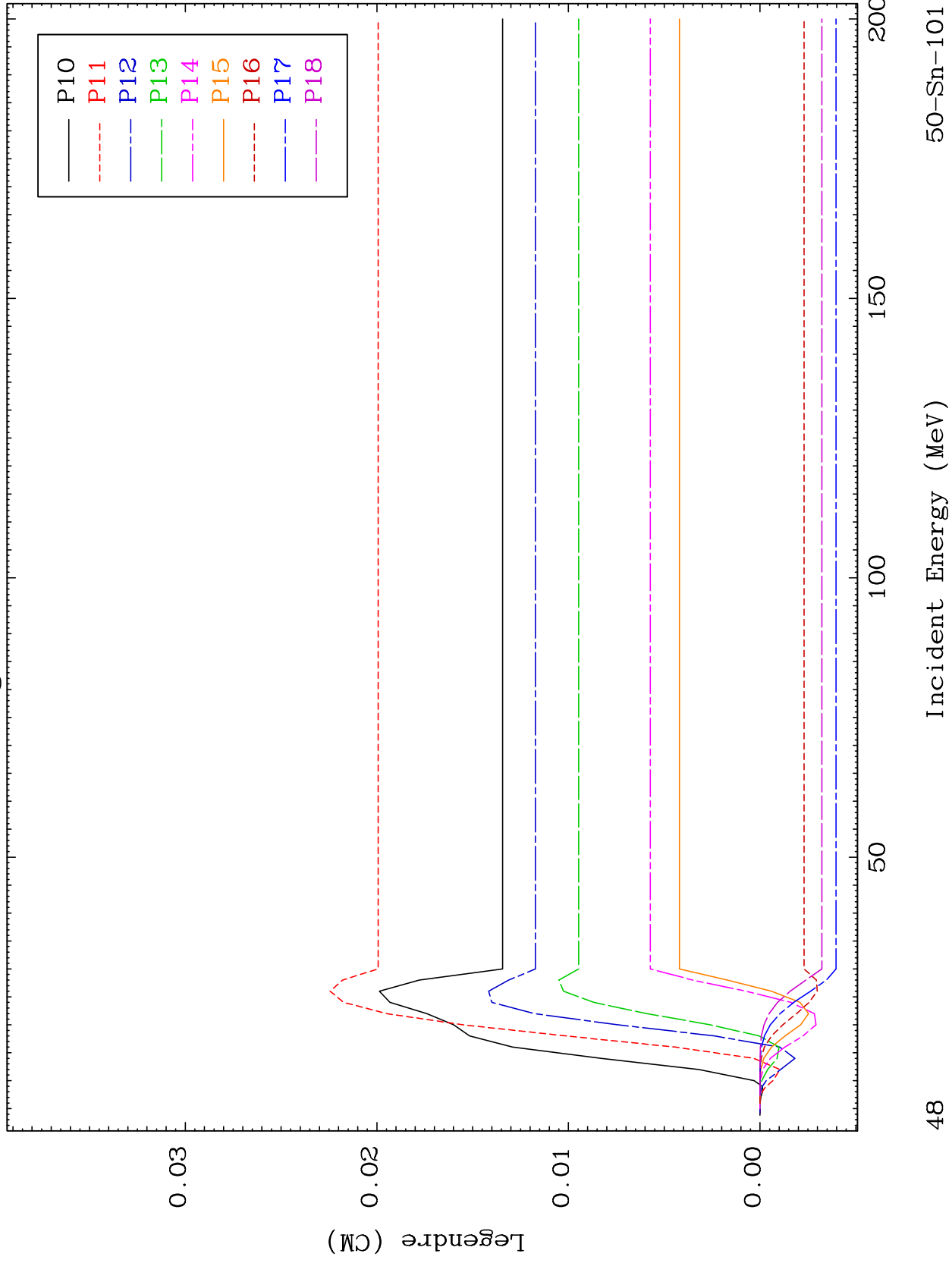
47

50-Sn-101

MAT 4992

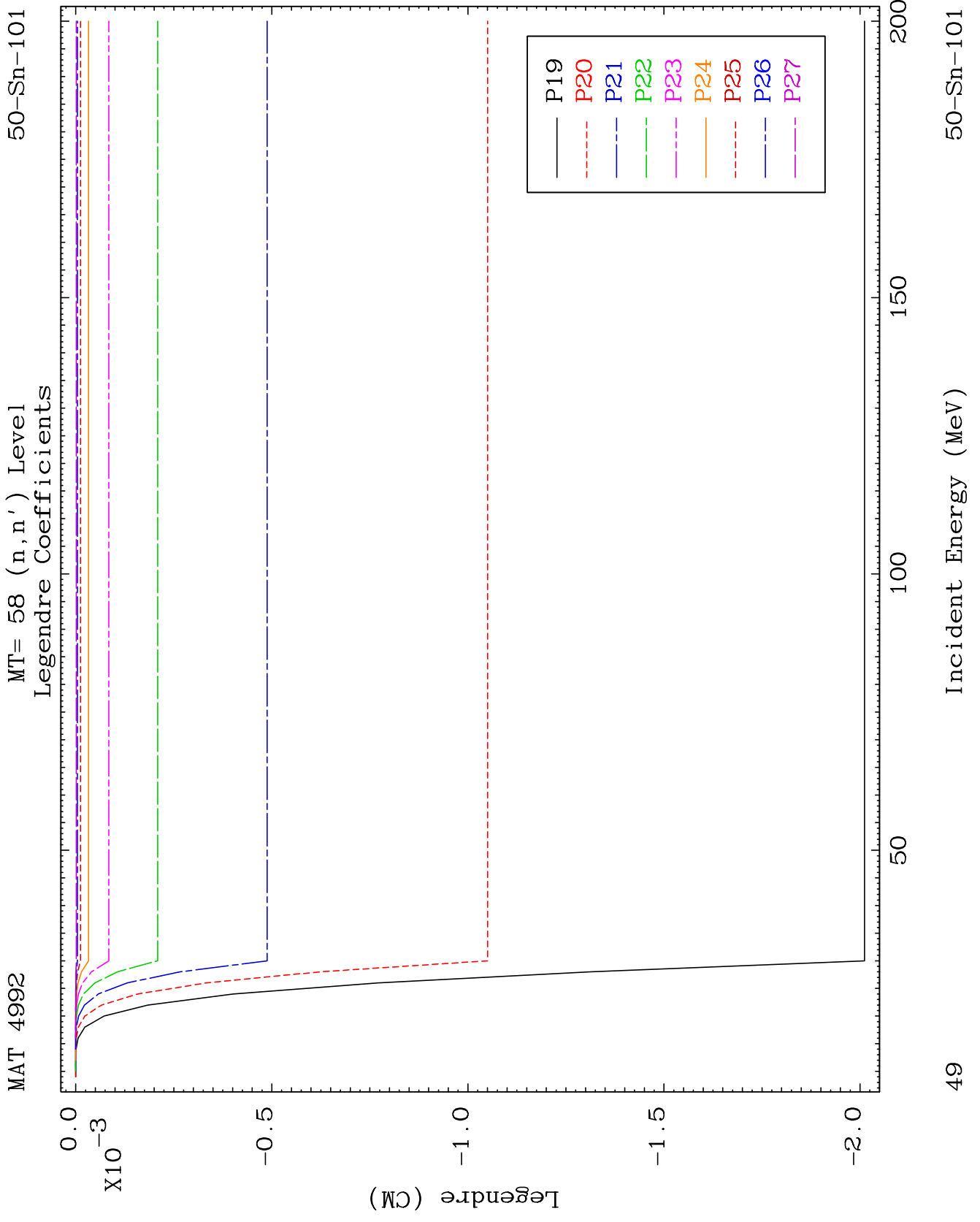
MT= 58 (n,n') Level
Legendre Coefficients

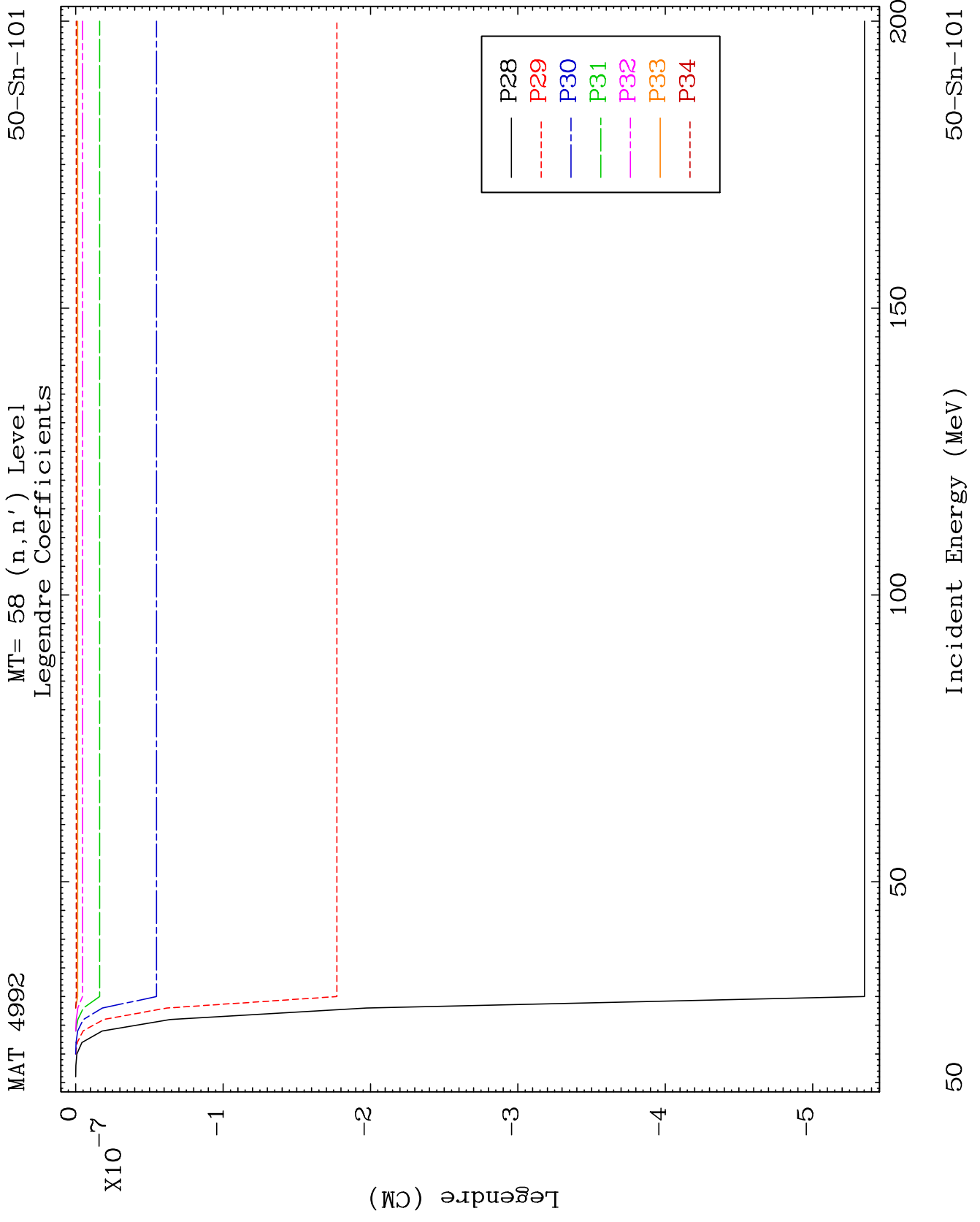
50-Sn-101



48

50-Sn-101

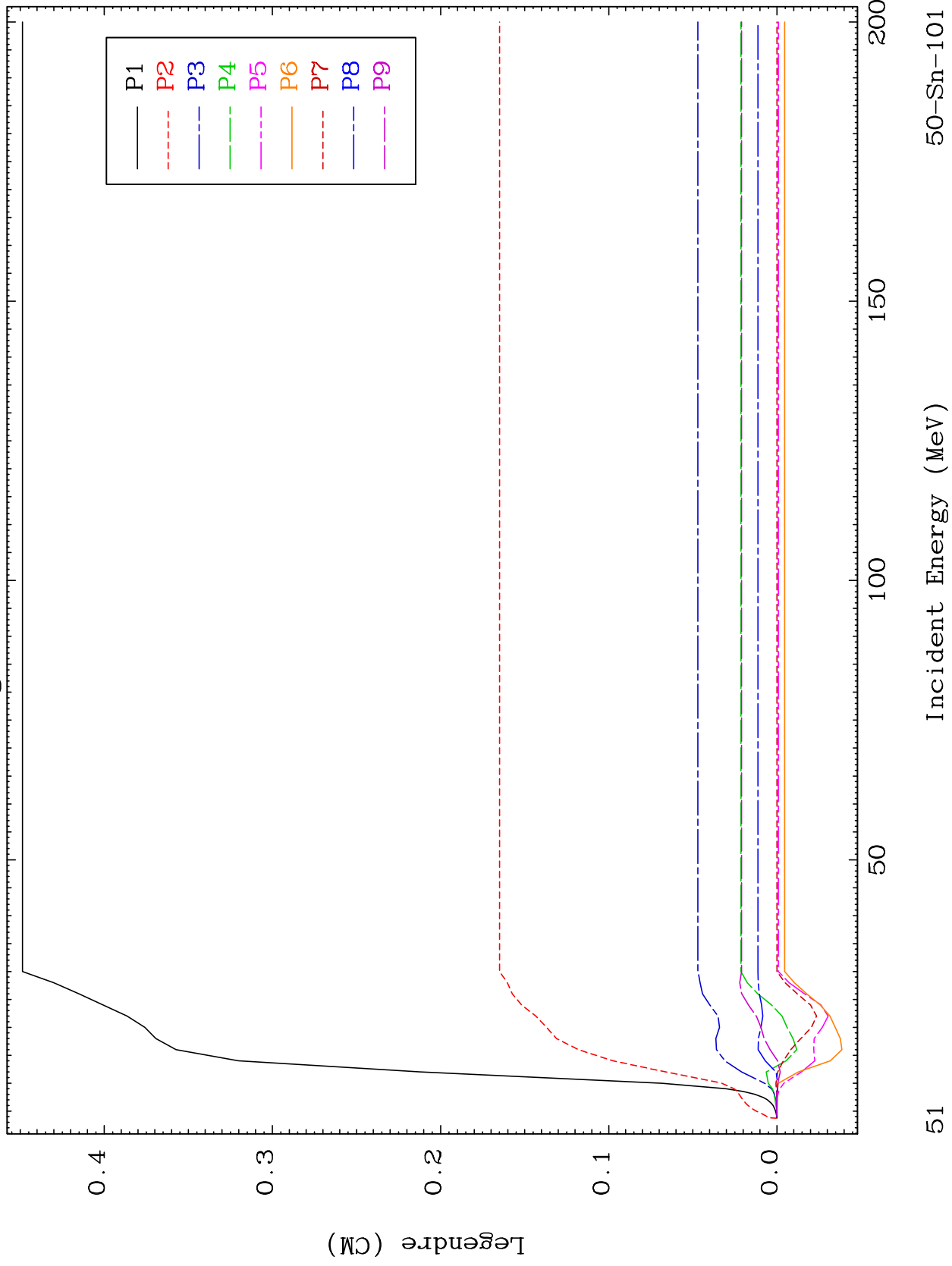




MAT 4992

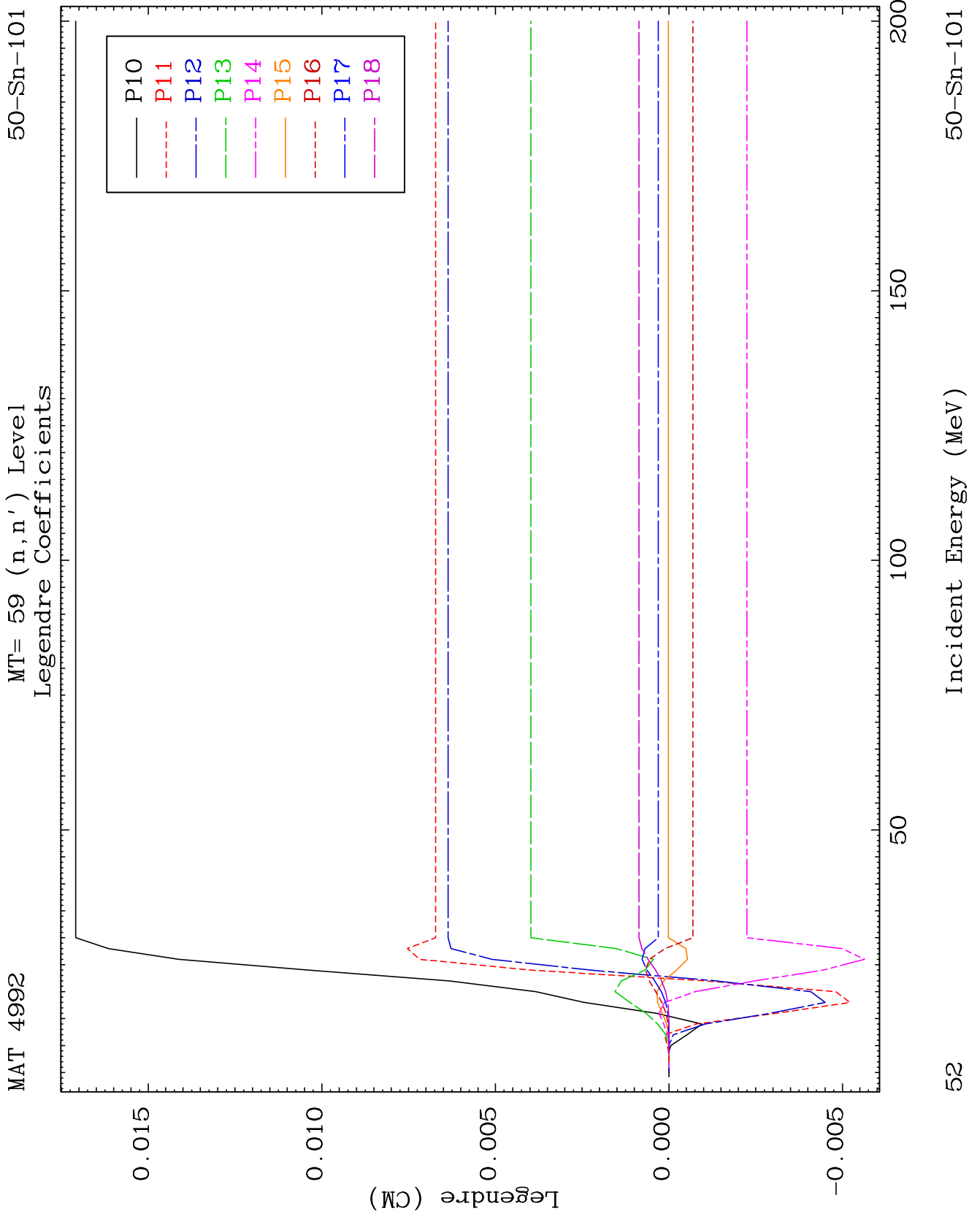
MT= 59 (n,n') Level
Legendre Coefficients

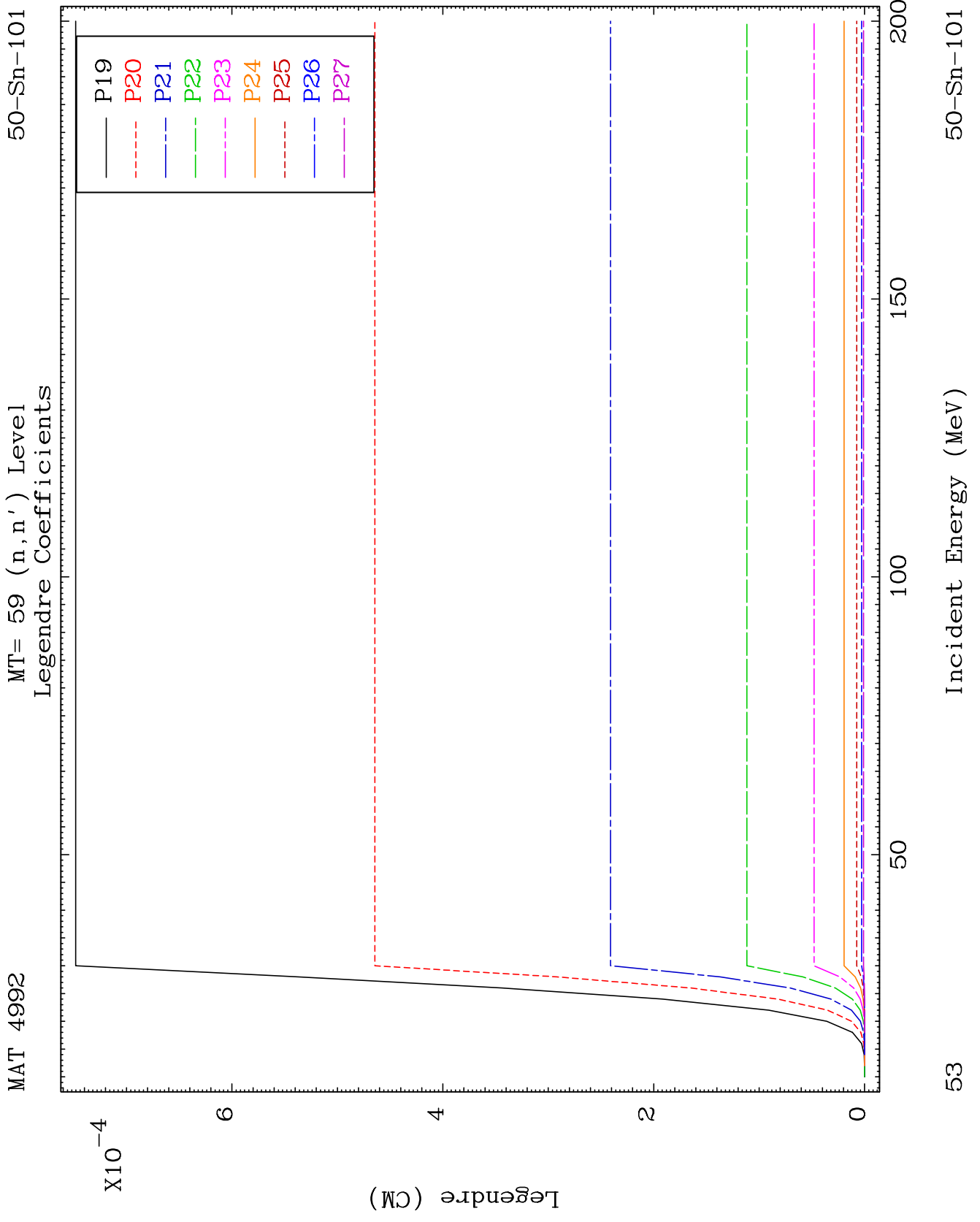
50-Sn-101



51

50-Sn-101

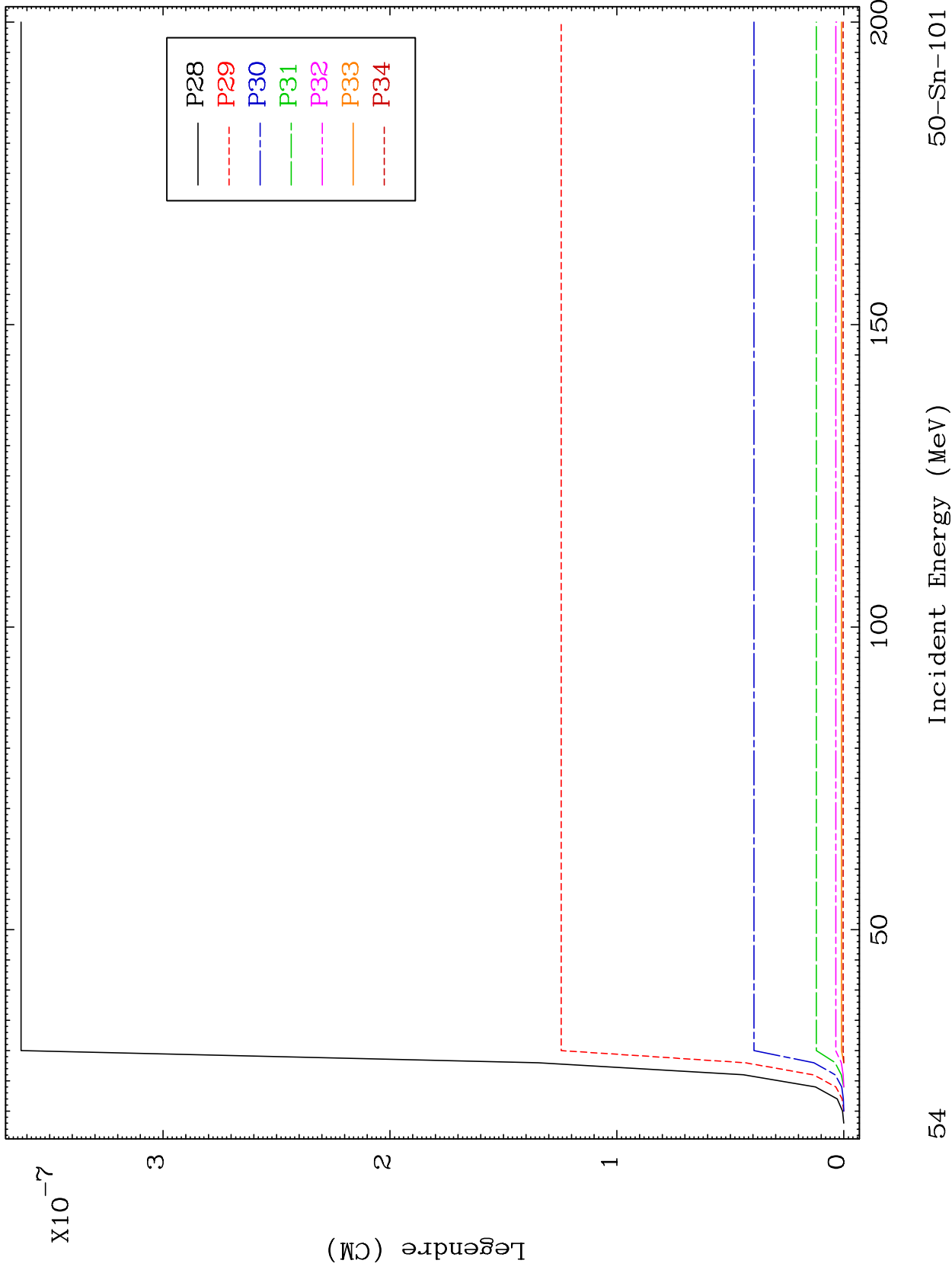




MAT 4992

MT= 59 (n,n') Level
Legendre Coefficients

50-Sn-101



54

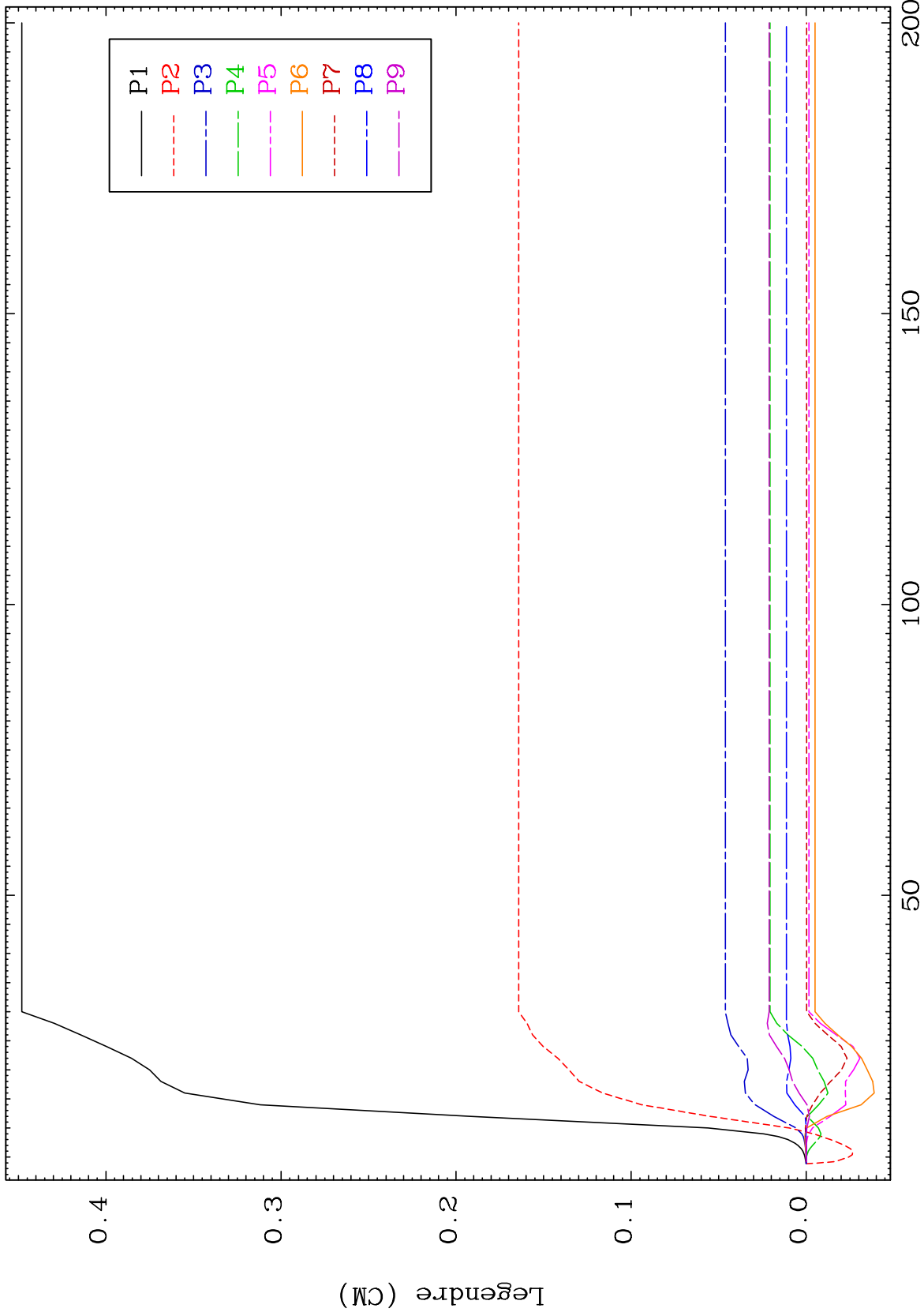
Incident Energy (MeV)

50-Sn-101

MAT 4992

MT= 60 (n,n') Level
Legendre Coefficients

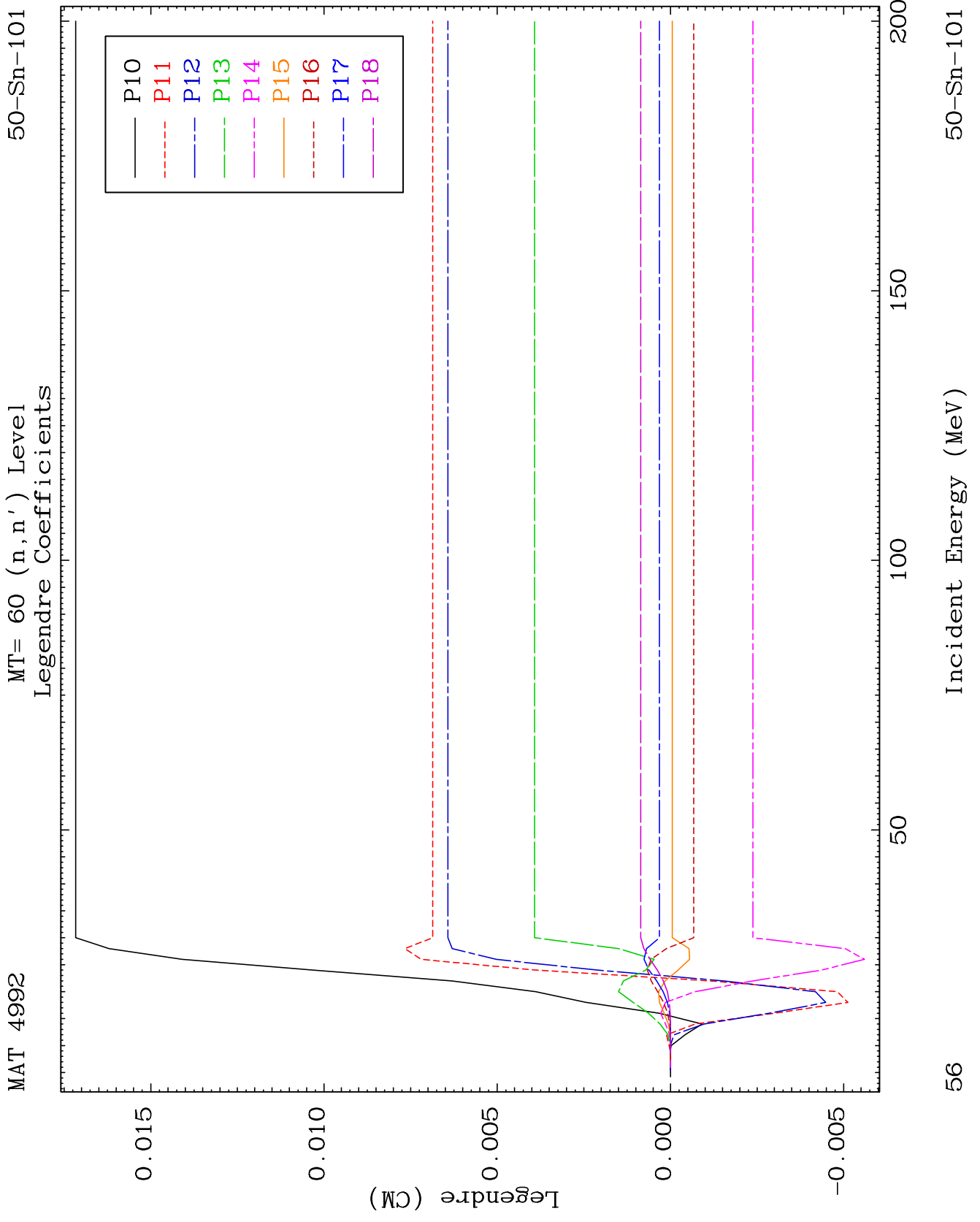
50-Sn-101

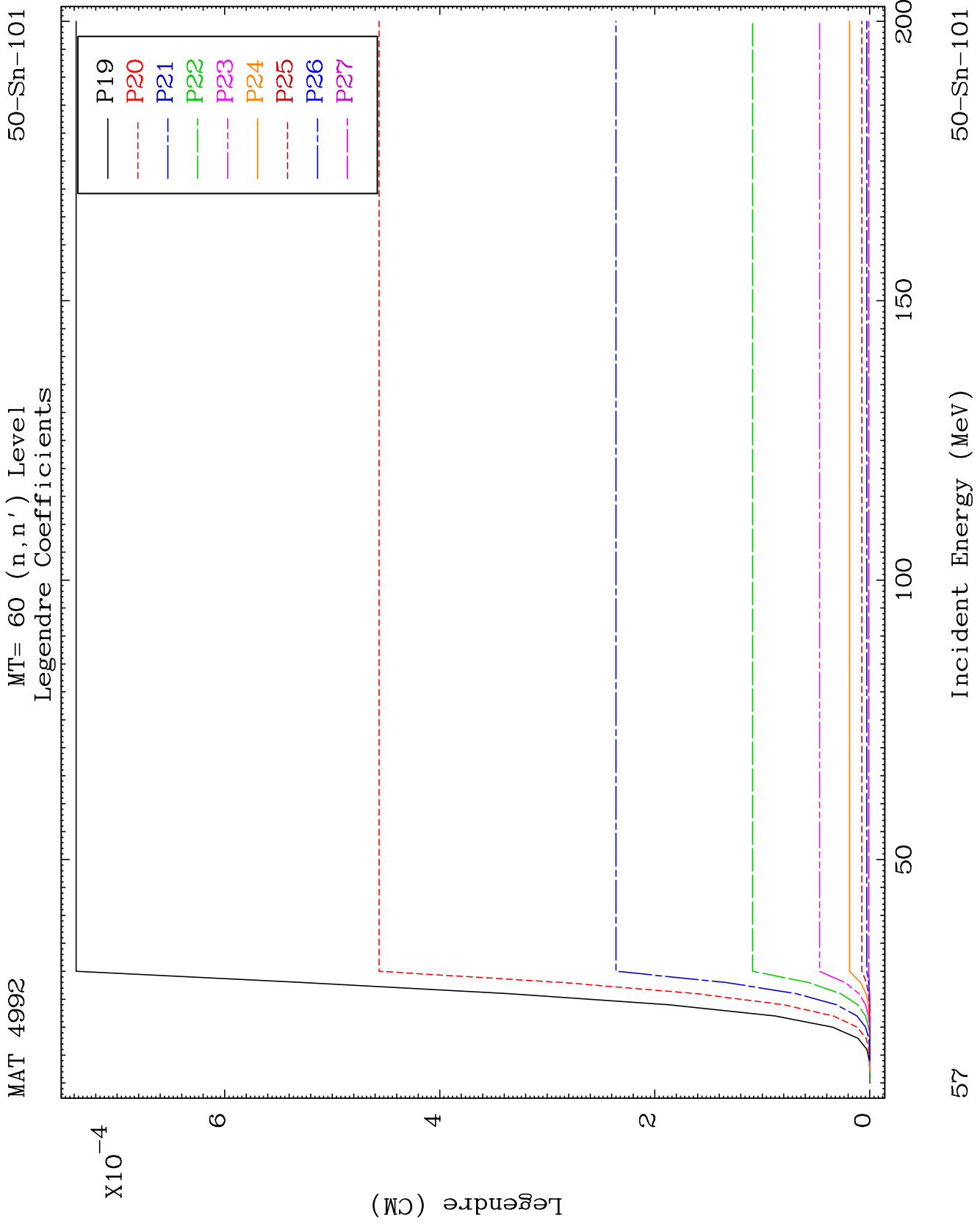


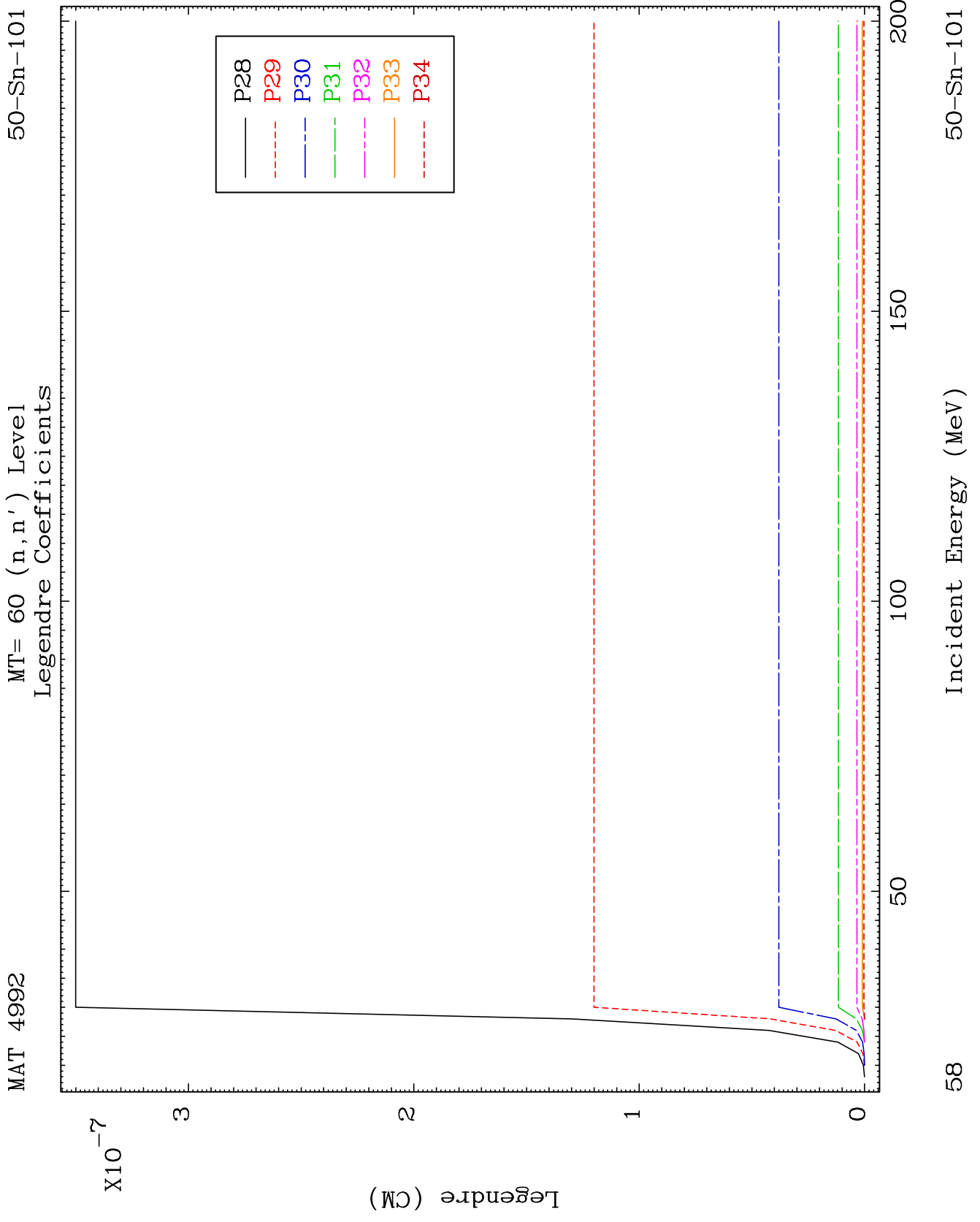
55

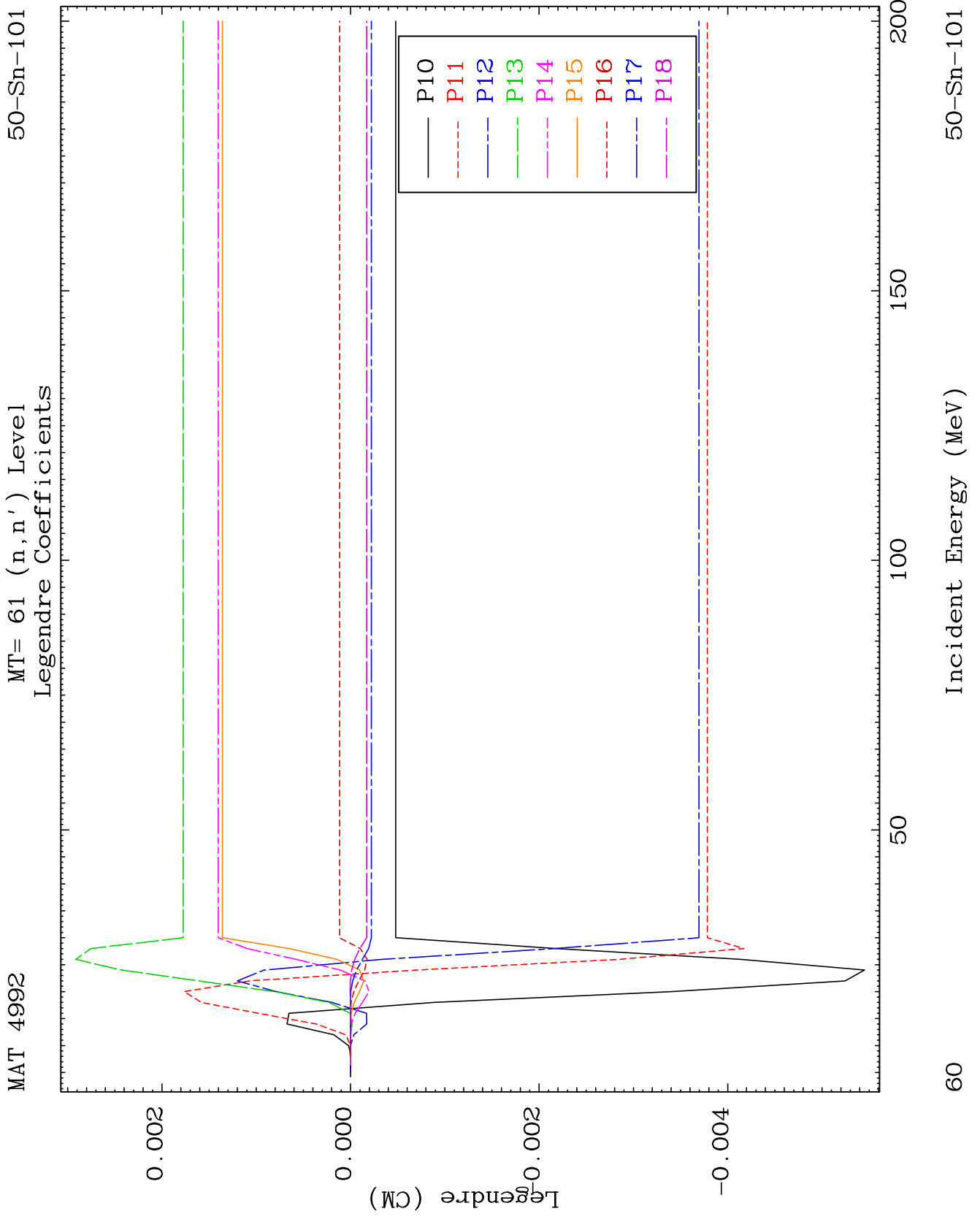
Incident Energy (MeV)

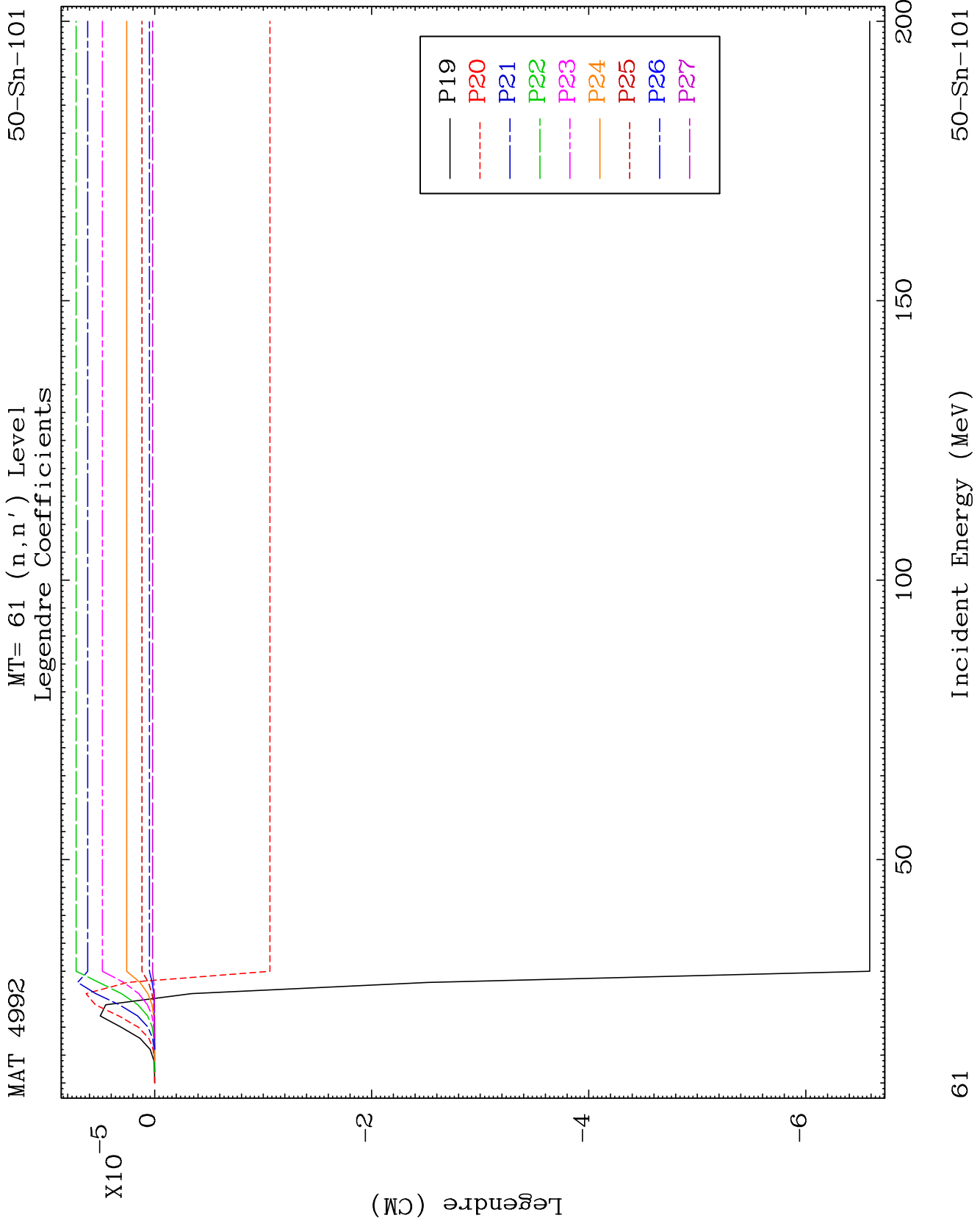
50-Sn-101

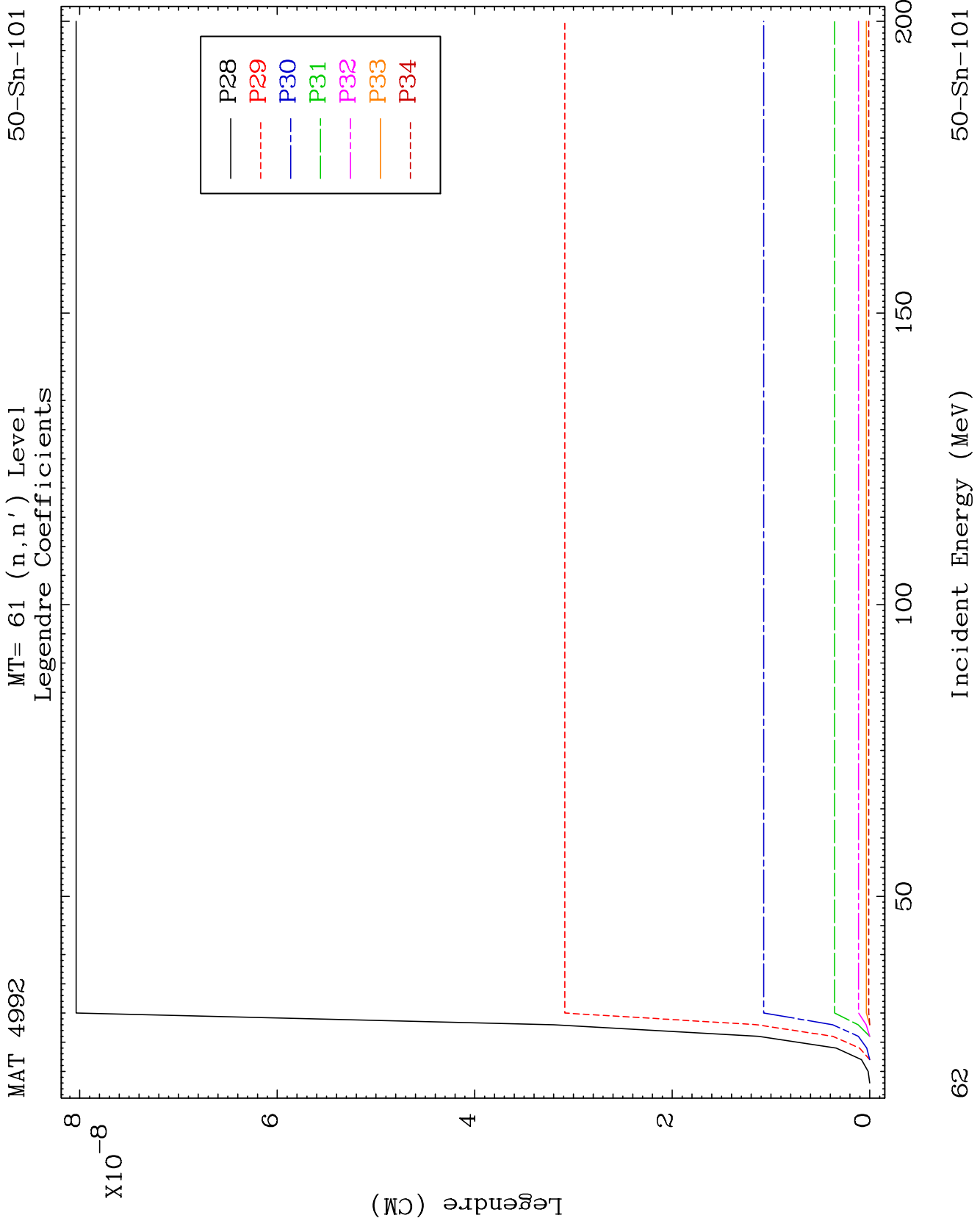




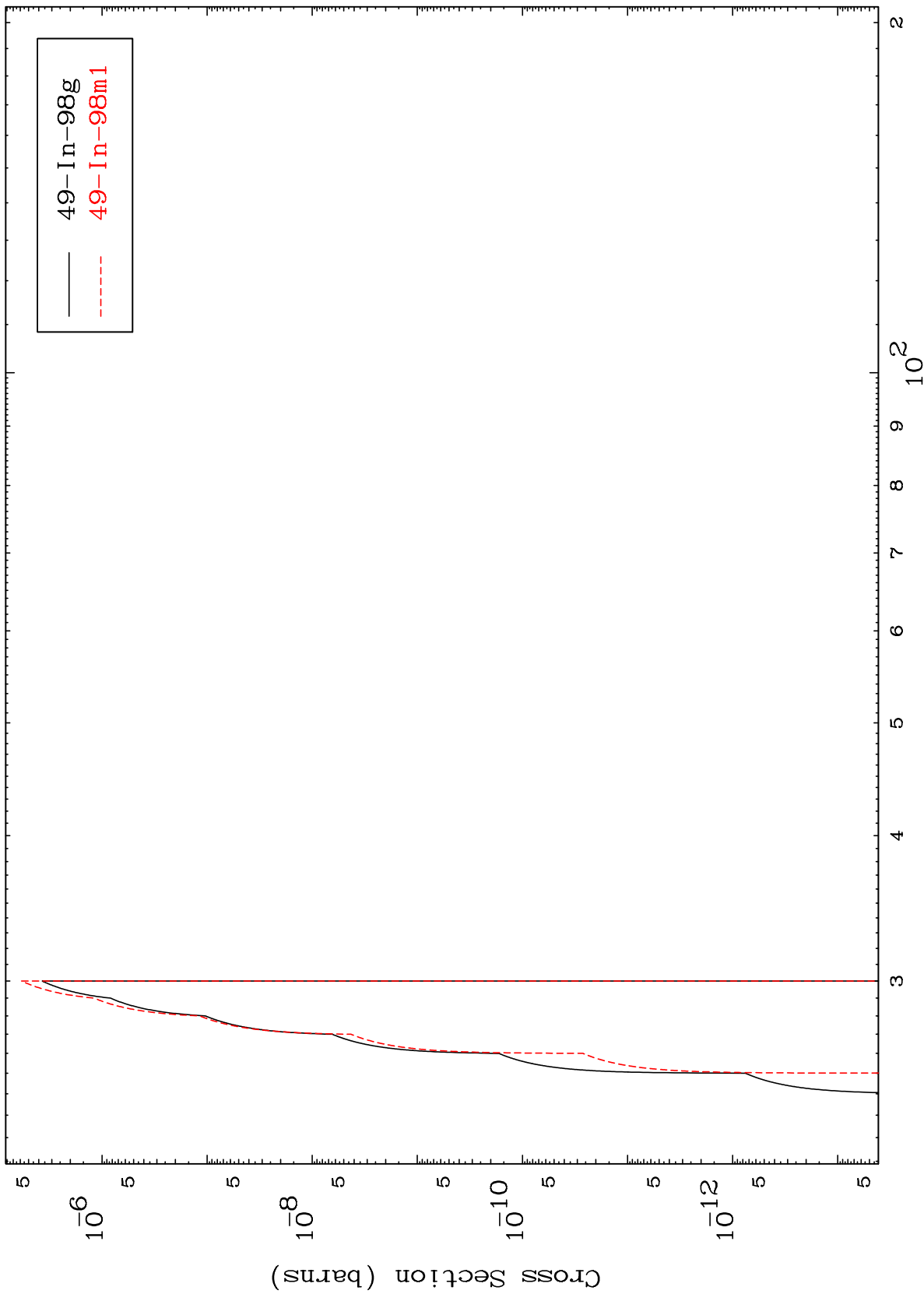








Radionuclide Production Cross Section

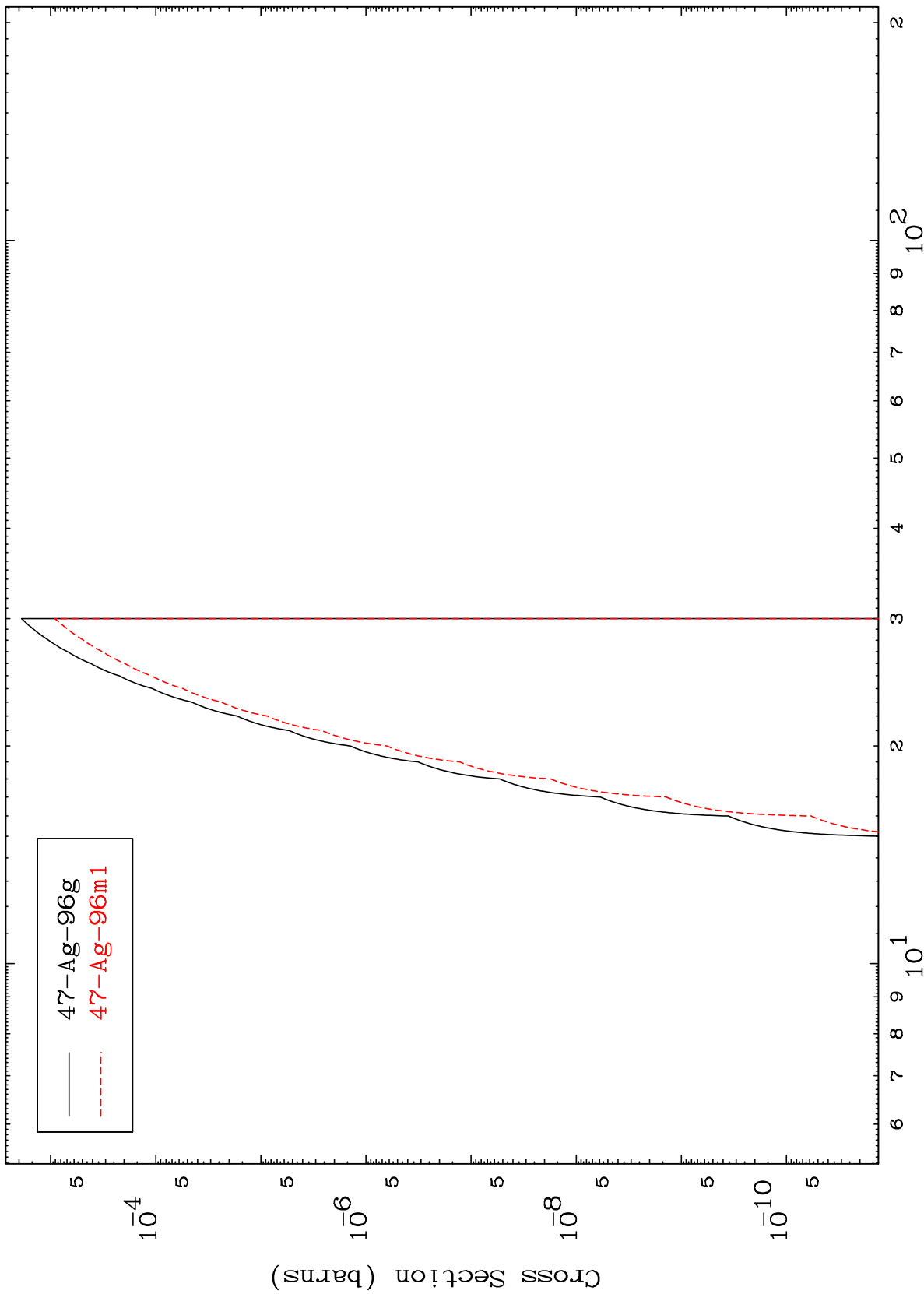


49-In-98g
49-In-98m1

MAT 4992

50-Sn-101

(n,n') p α
Radionuclide Production Cross Section



64

Incident Energy (MeV)

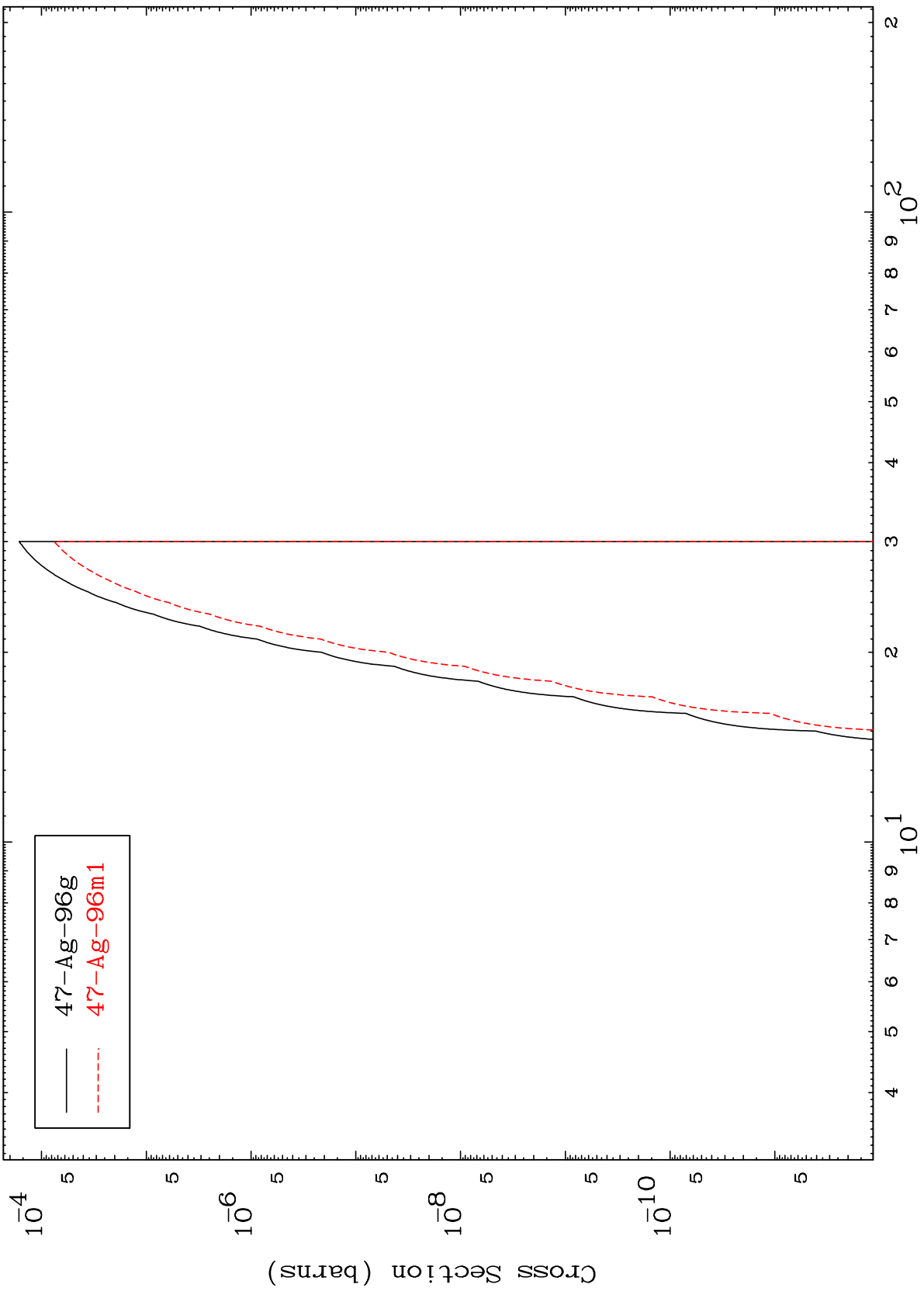
50-Sn-101

MAT 4992

(n,d) α

50-Sn-101

Radionuclide Production Cross Section



— 47-Ag-96g
- - - 47-Ag-96m1

65

Incident Energy (MeV)

50-Sn-101