

Program EVALPLOT
(Version 2021-1)

by

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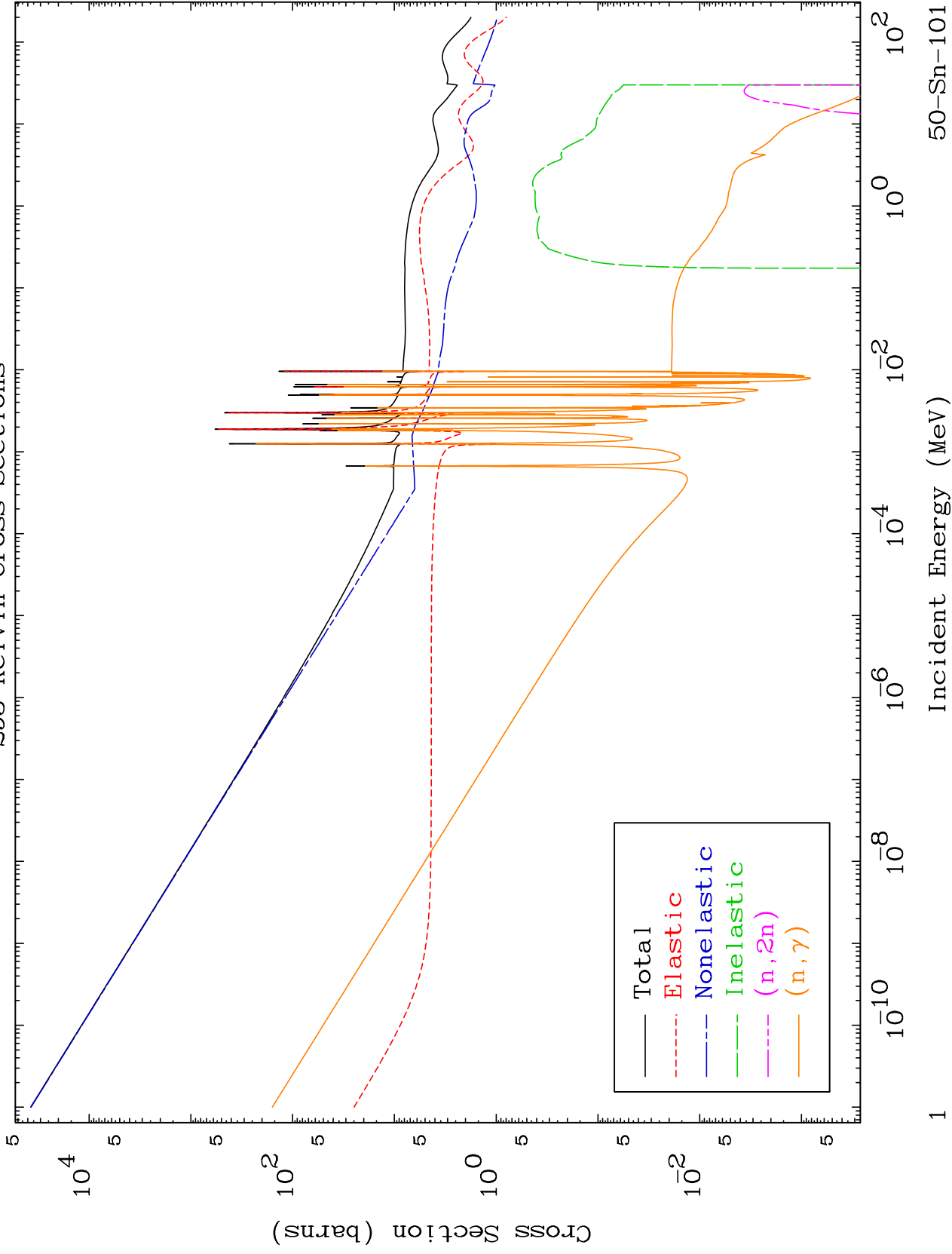
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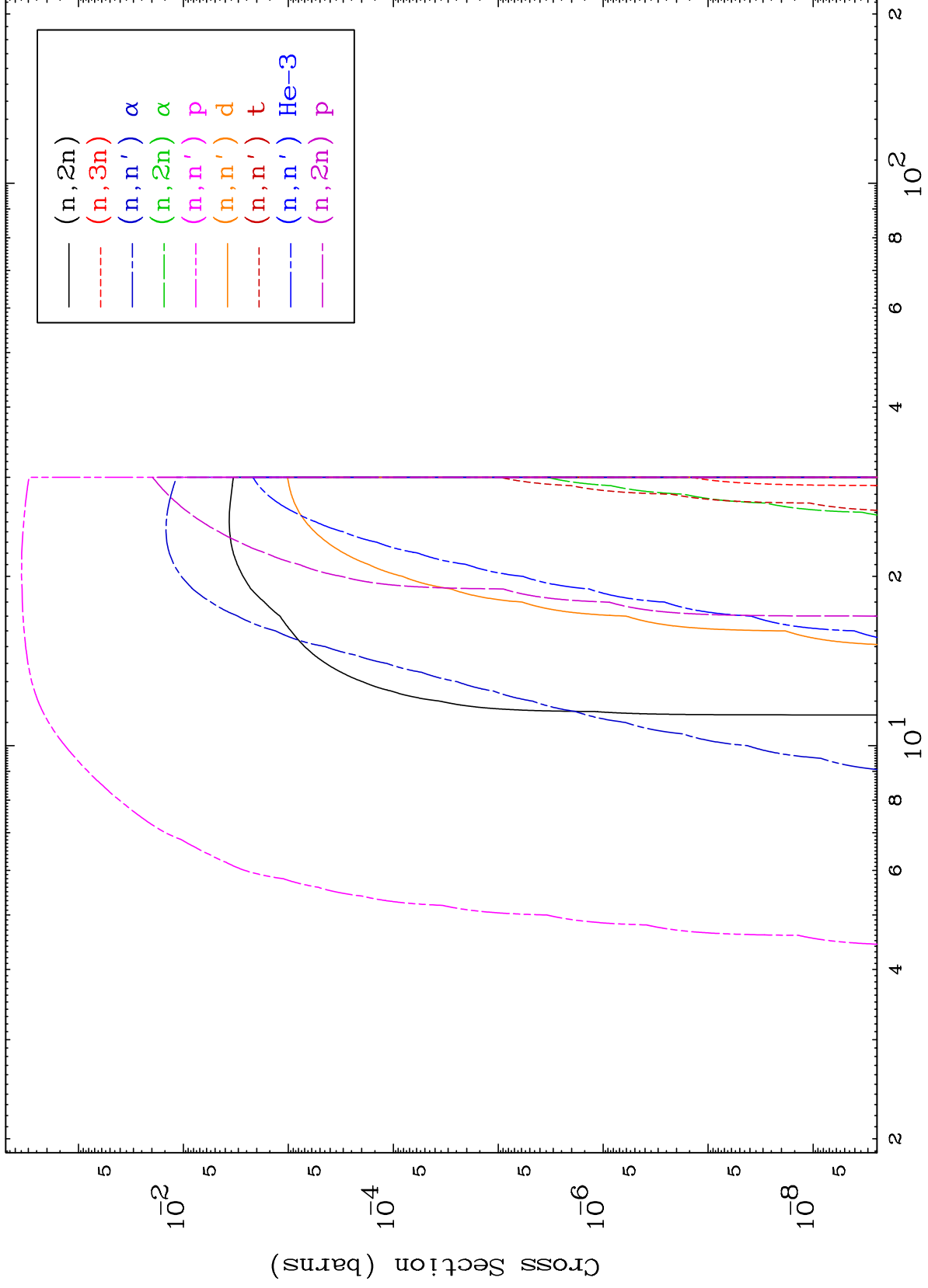
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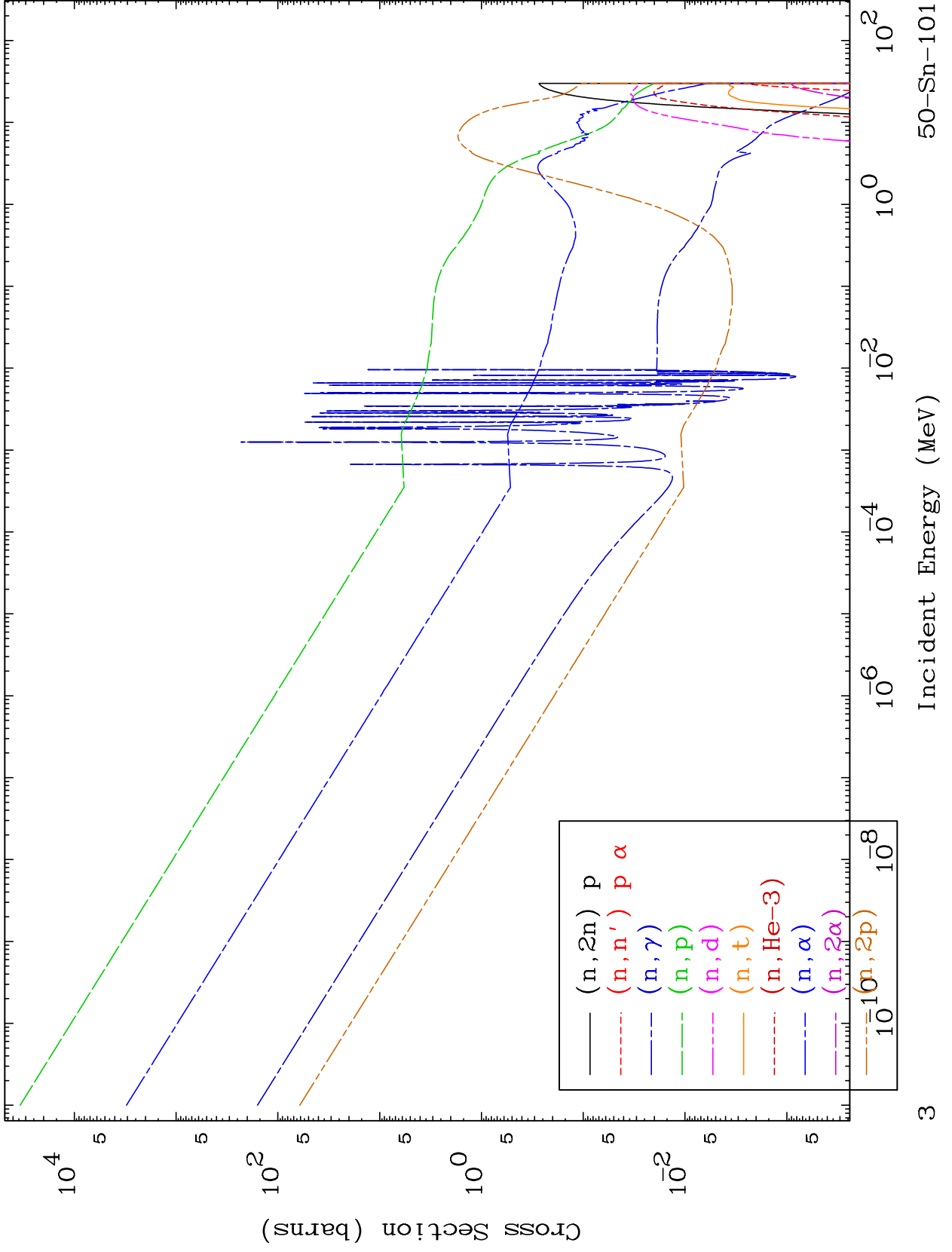
MAT 4992

Neutron Major
293 Kelvin Cross Sections

50-Sn-101



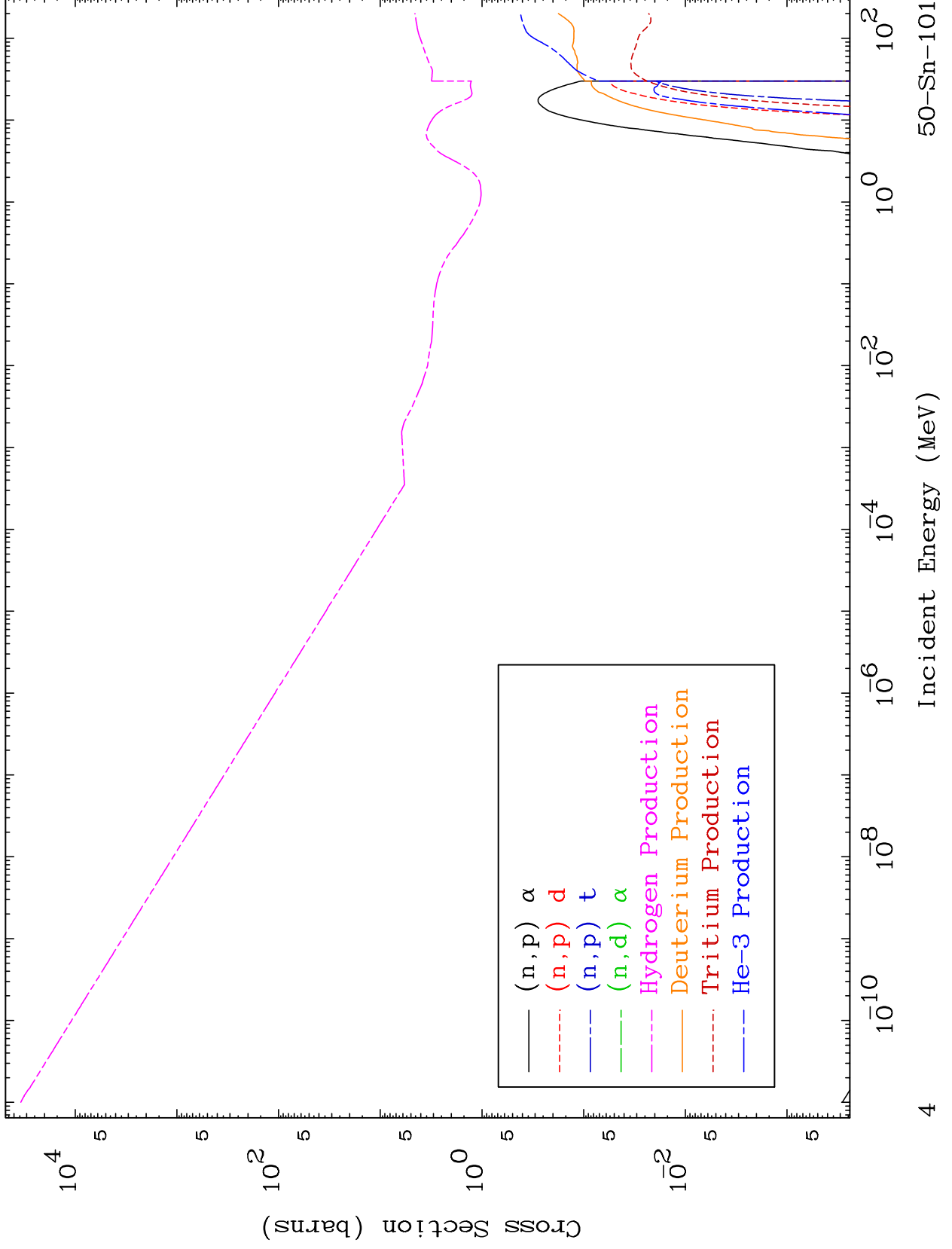




MAT 4992

Neutron Absorption
293 Kelvin Cross Sections

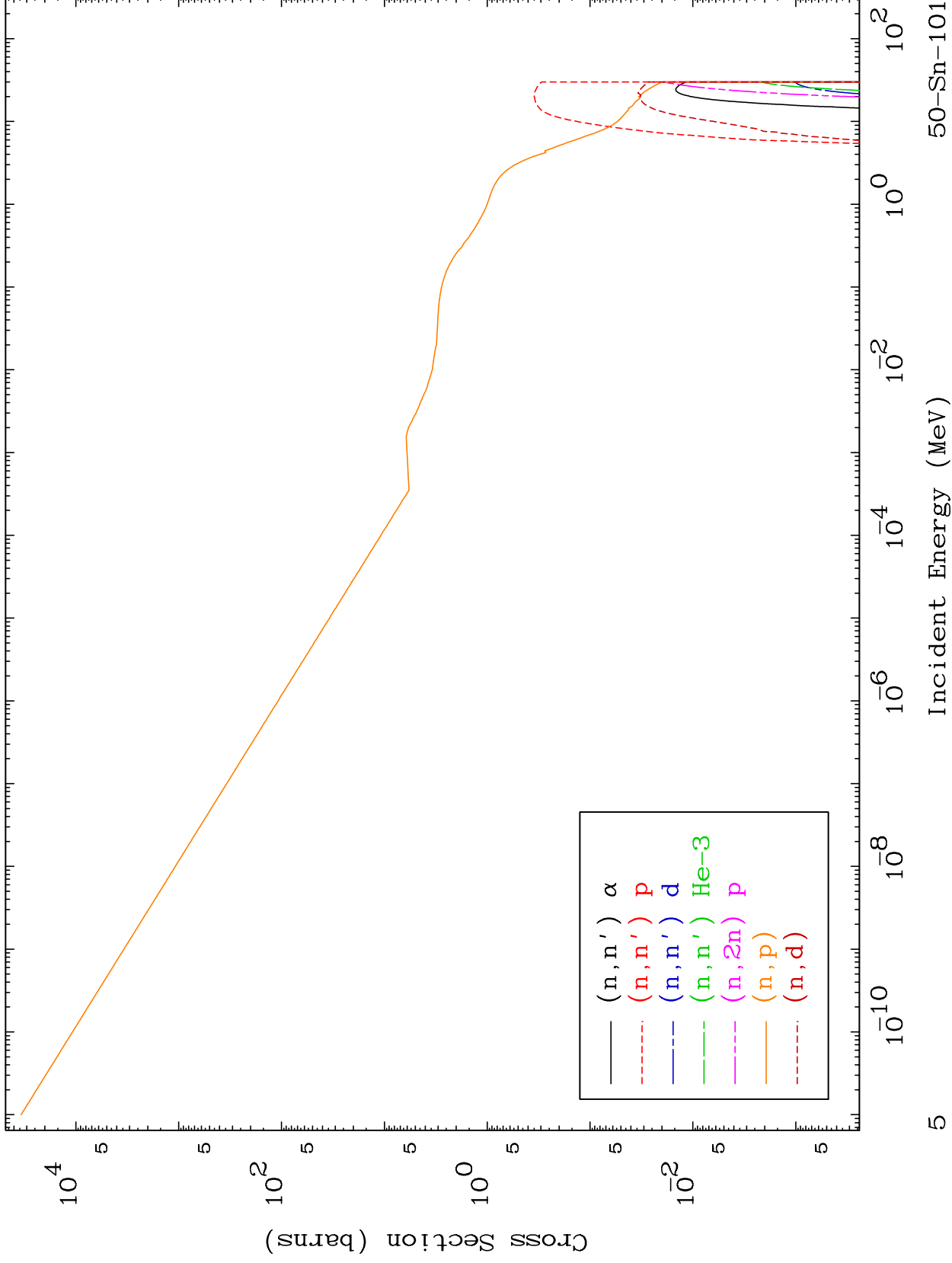
50-Sn-101



MAT 4992

Charged Particle
293 Kelvin Cross Sections

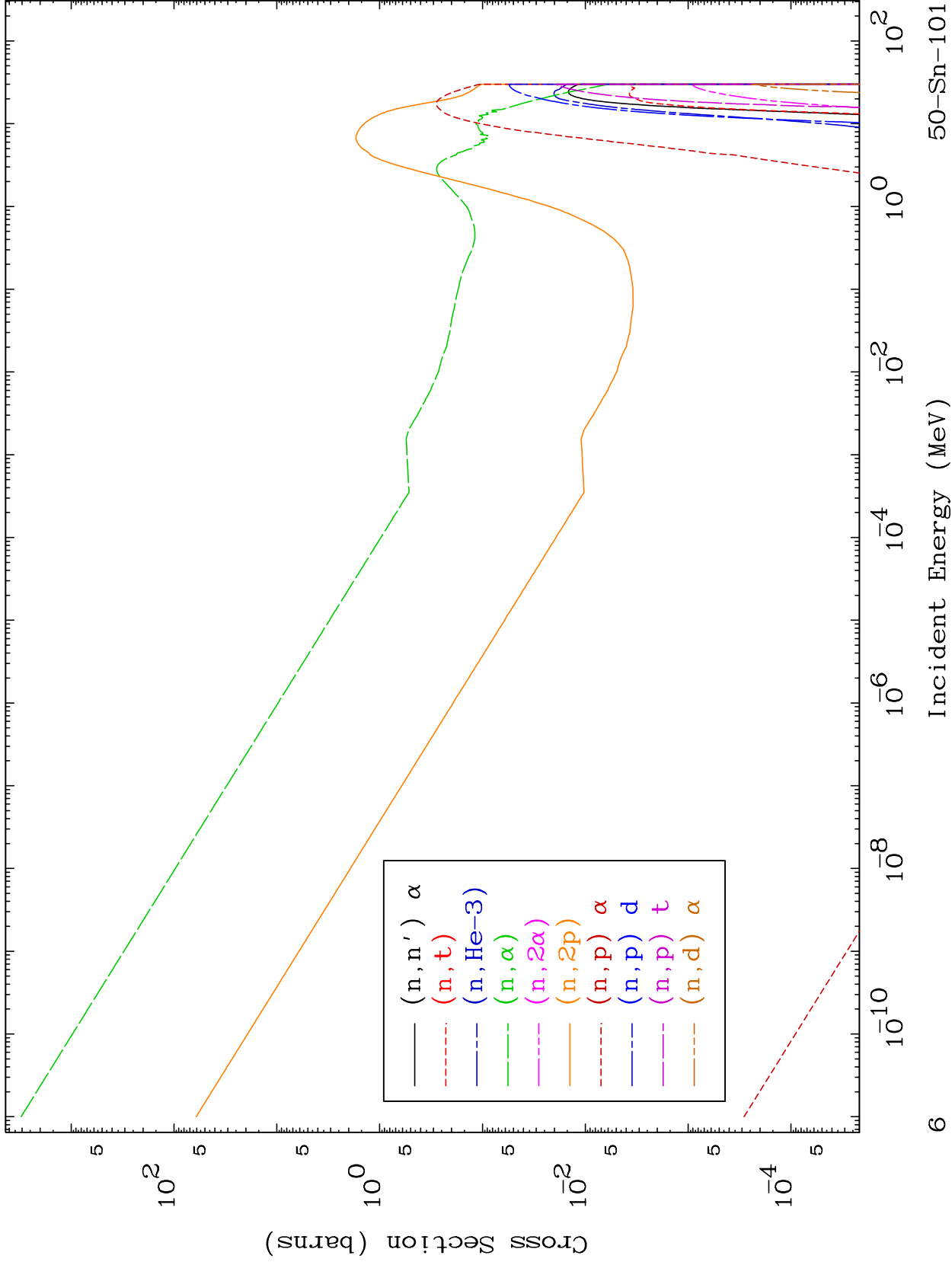
50-Sn-101



MAT 4992

Charged Particle
293 Kelvin Cross Sections

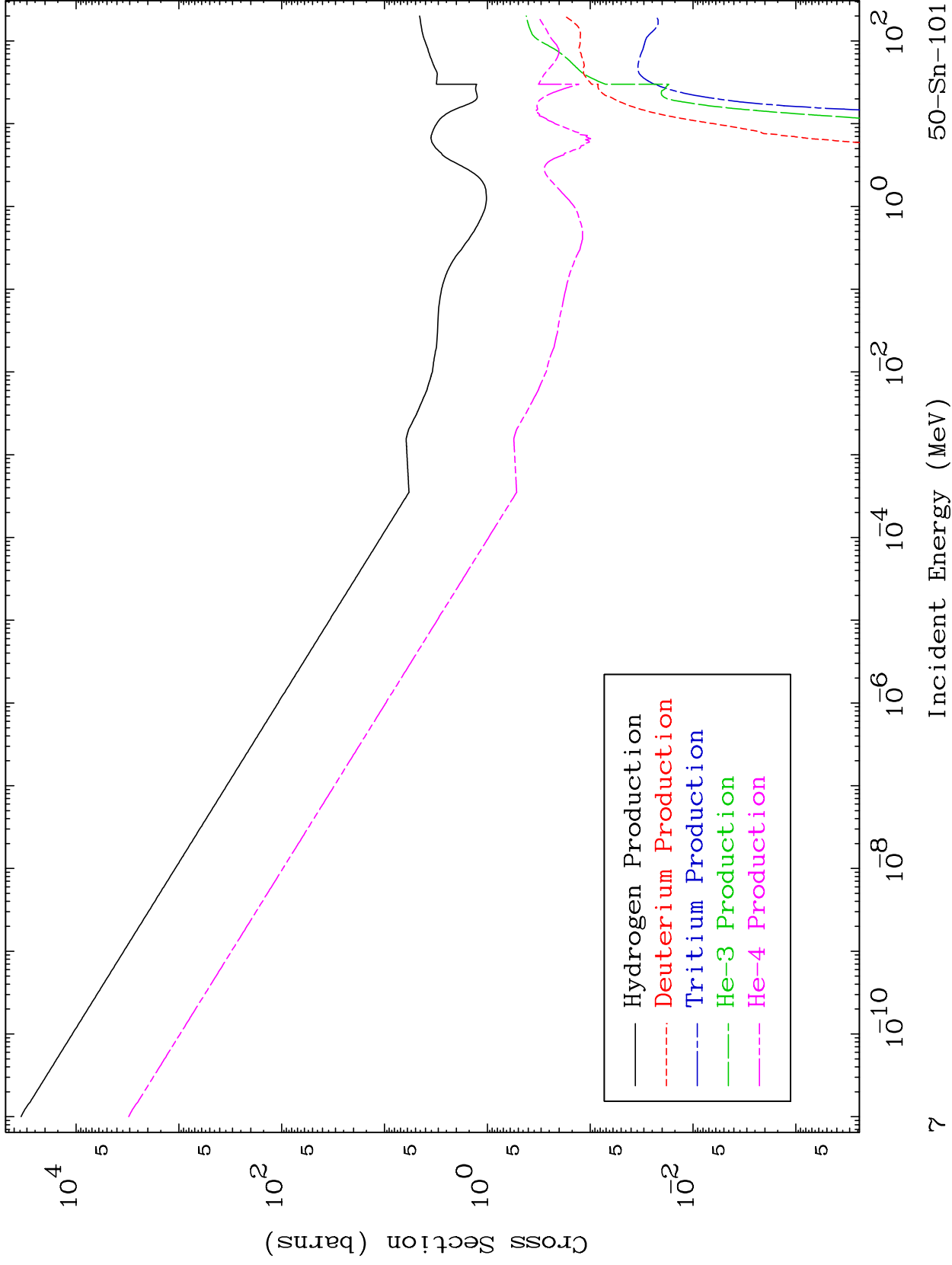
50-Sn-101



MAT 4992

Particle Production
293 Kelvin Cross Sections

50-Sn-101

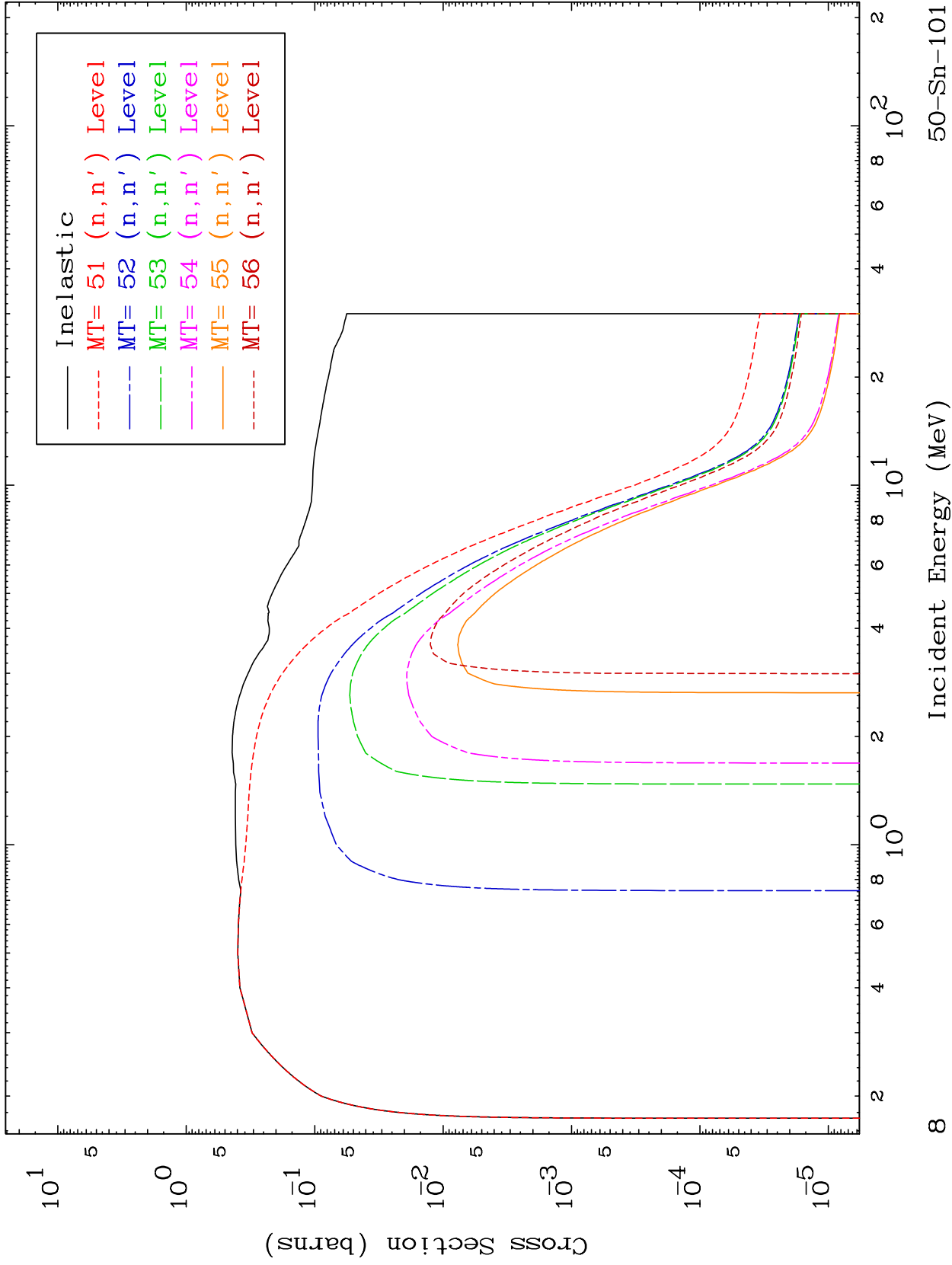


MAT 4992

(n,n') Levels

50-Sn-101

293 Kelvin Cross Sections



8

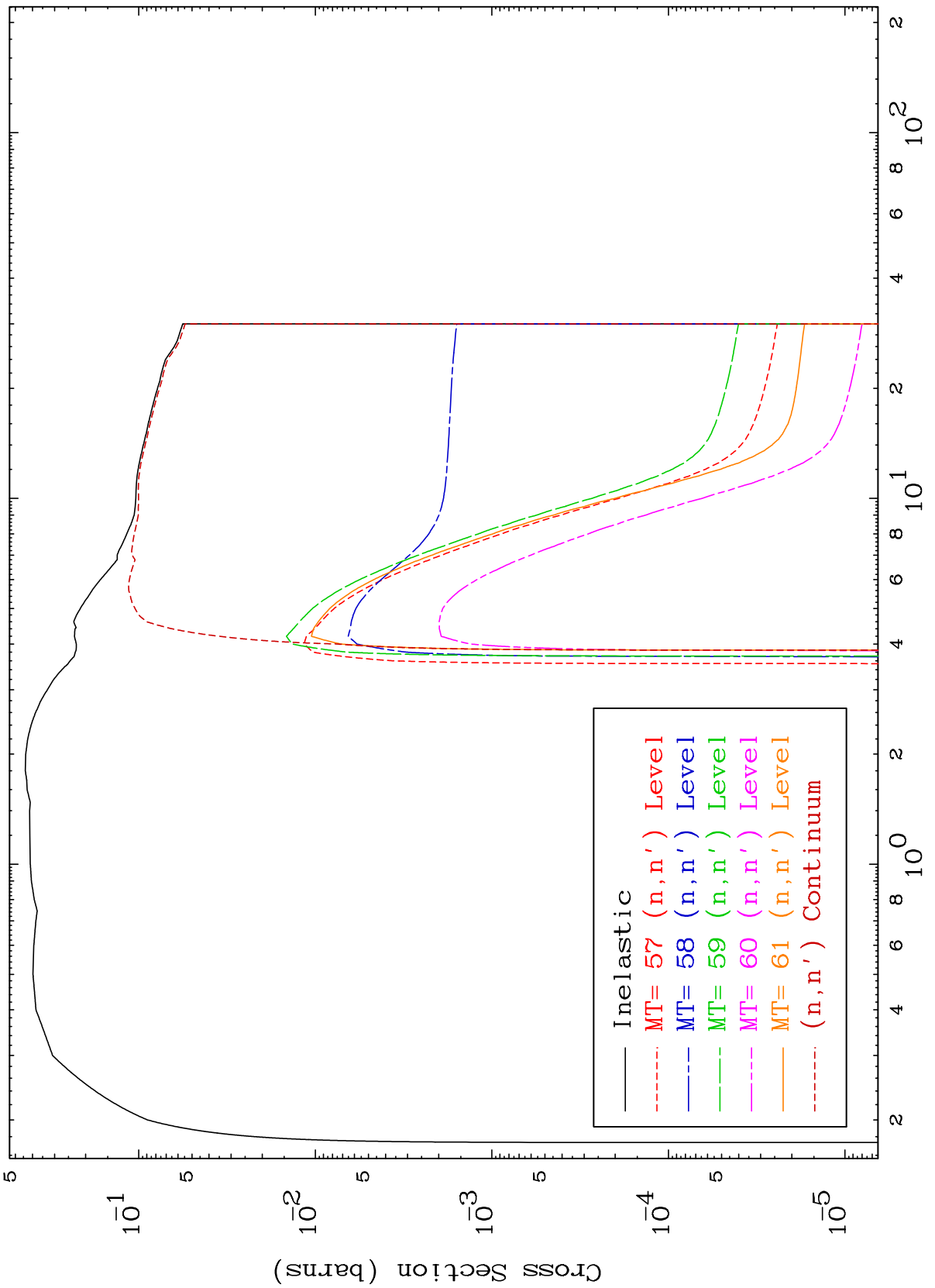
Incident Energy (MeV)

50-Sn-101

MAT 4992

50-Sn-101

(n,n') Levels
293 Kelvin Cross Sections



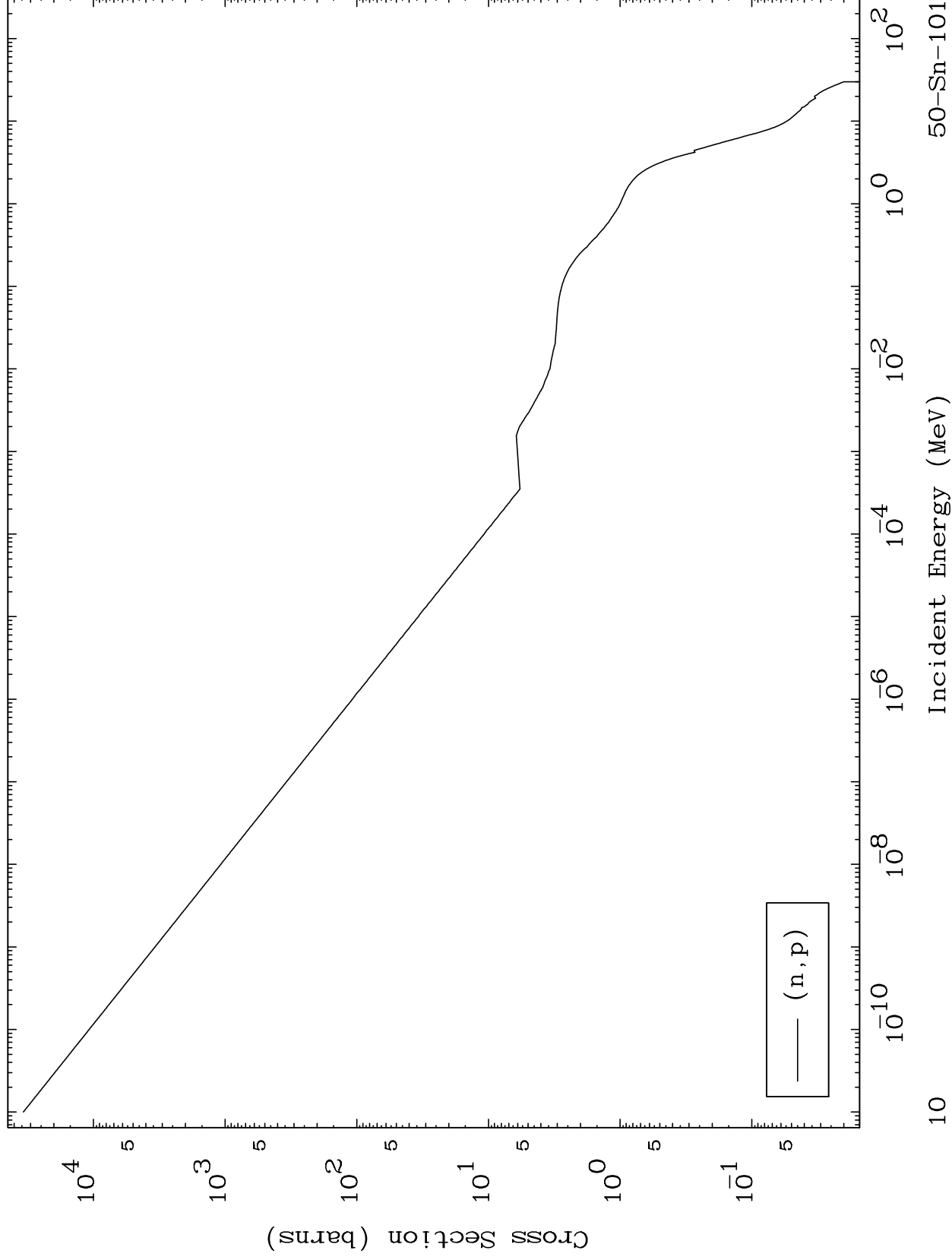
50-Sn-101

Incident Energy (MeV)

MAT 4992

(n,p) Levels
293 Kelvin Cross Sections

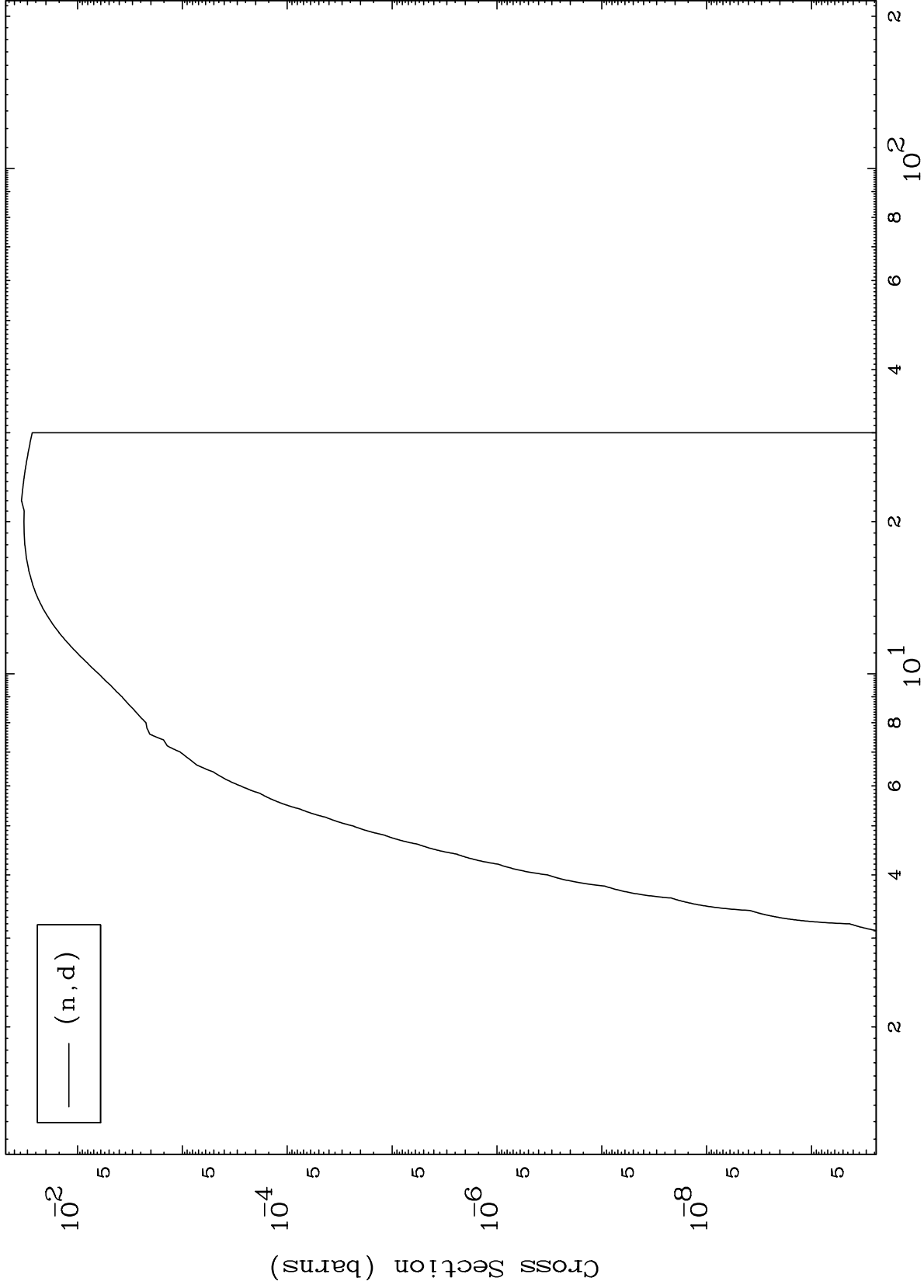
50-Sn-101



MAT 4992

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-101



11

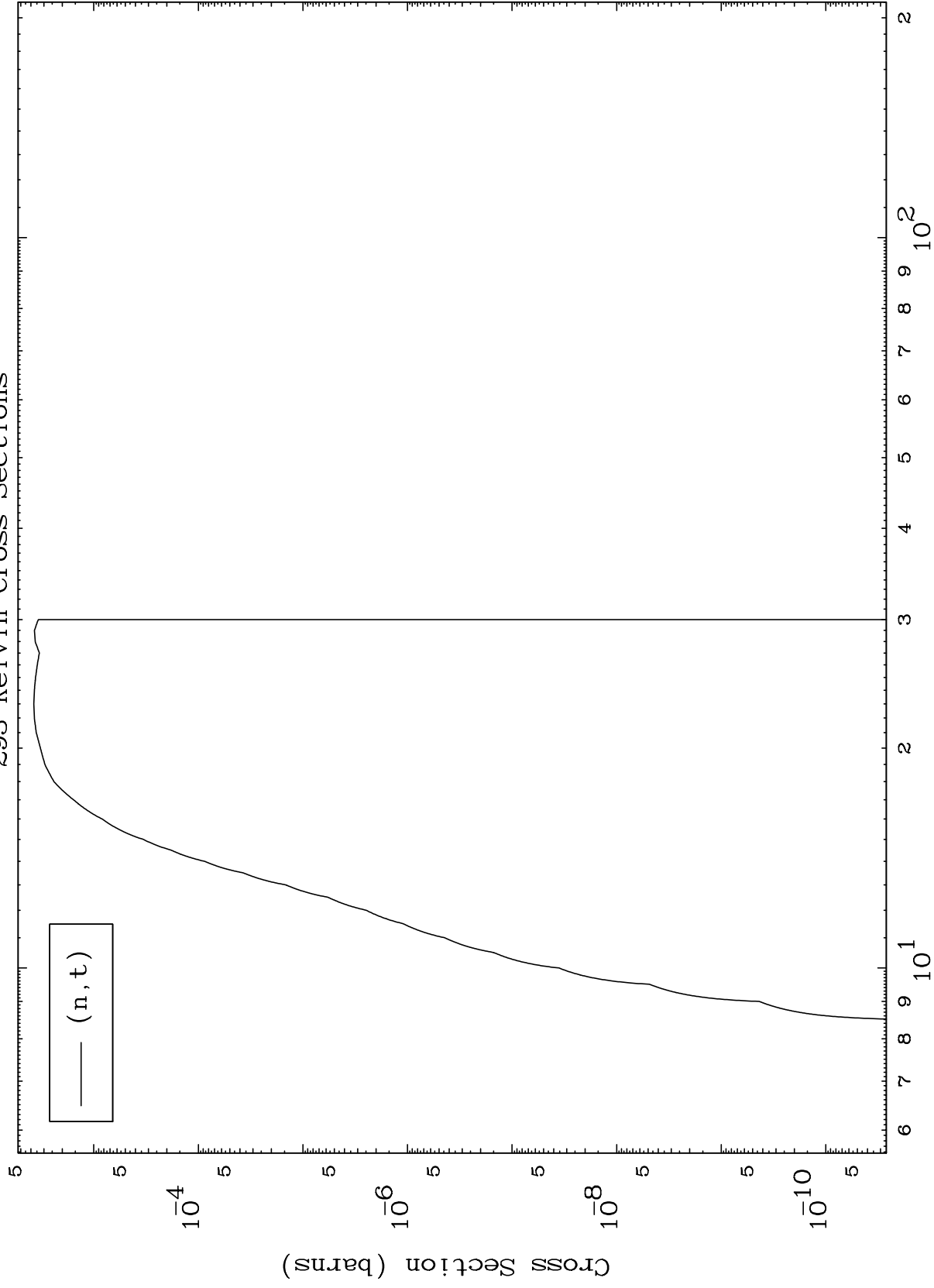
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n, t) Levels
293 Kelvin Cross Sections

50-Sn-101



12

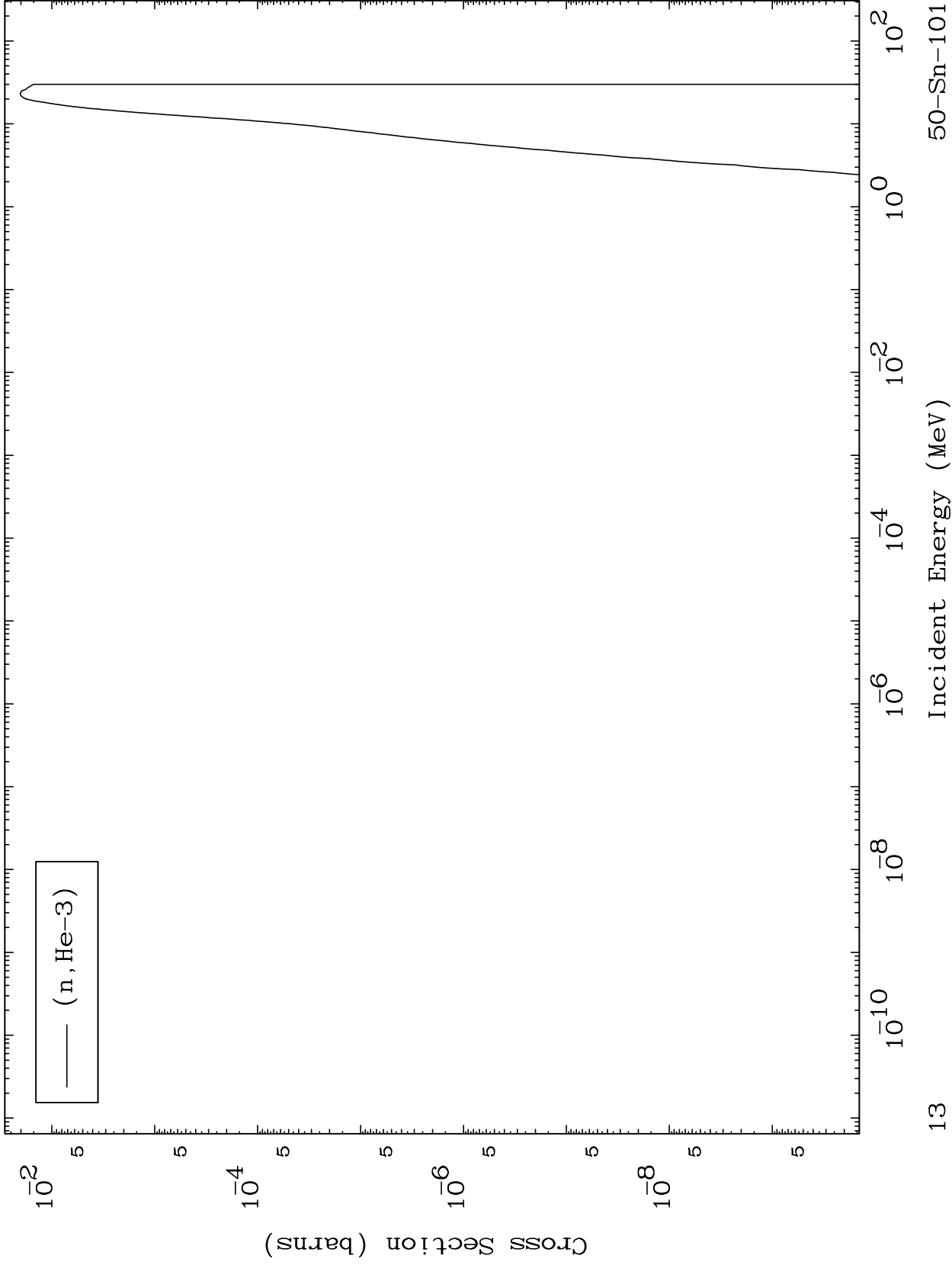
Incident Energy (MeV)

50-Sn-101

MAT 4992

(n,He3) Levels
293 Kelvin Cross Sections

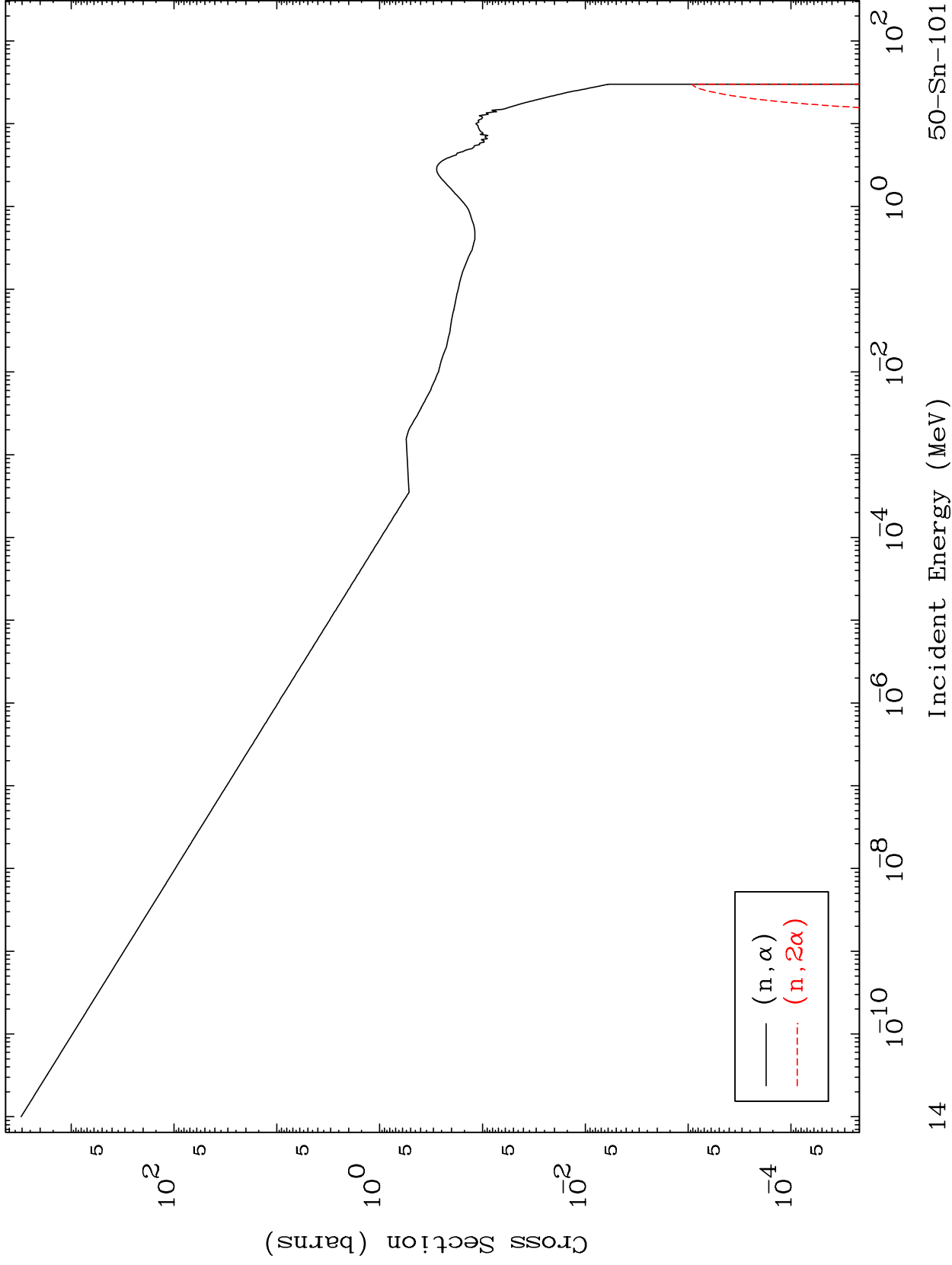
50-Sn-101



MAT 4992

(n,α) Levels
293 Kelvin Cross Sections

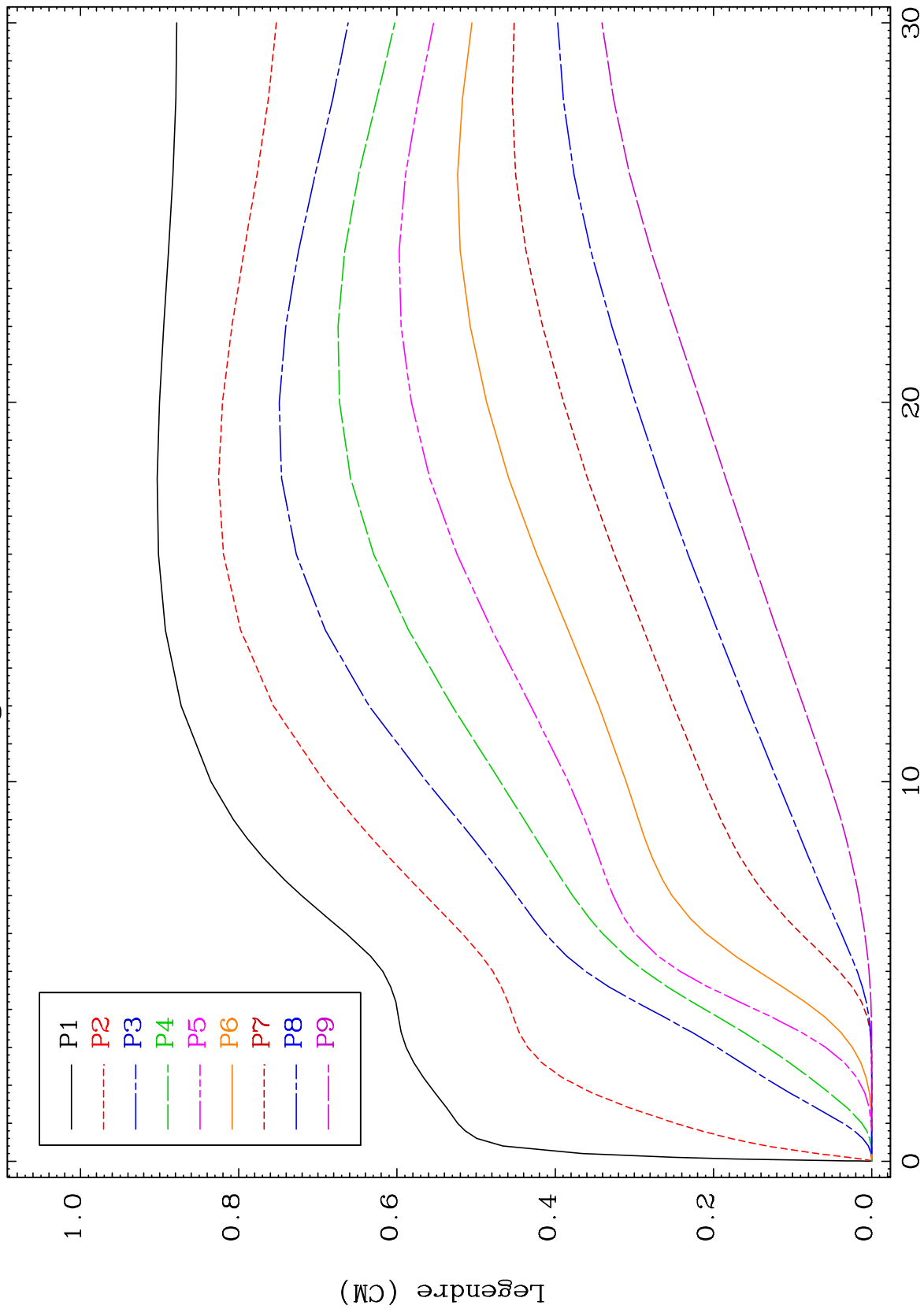
50-Sn-101



MAT 4992

Elastic Legendre Coefficients

50-Sn-101



15

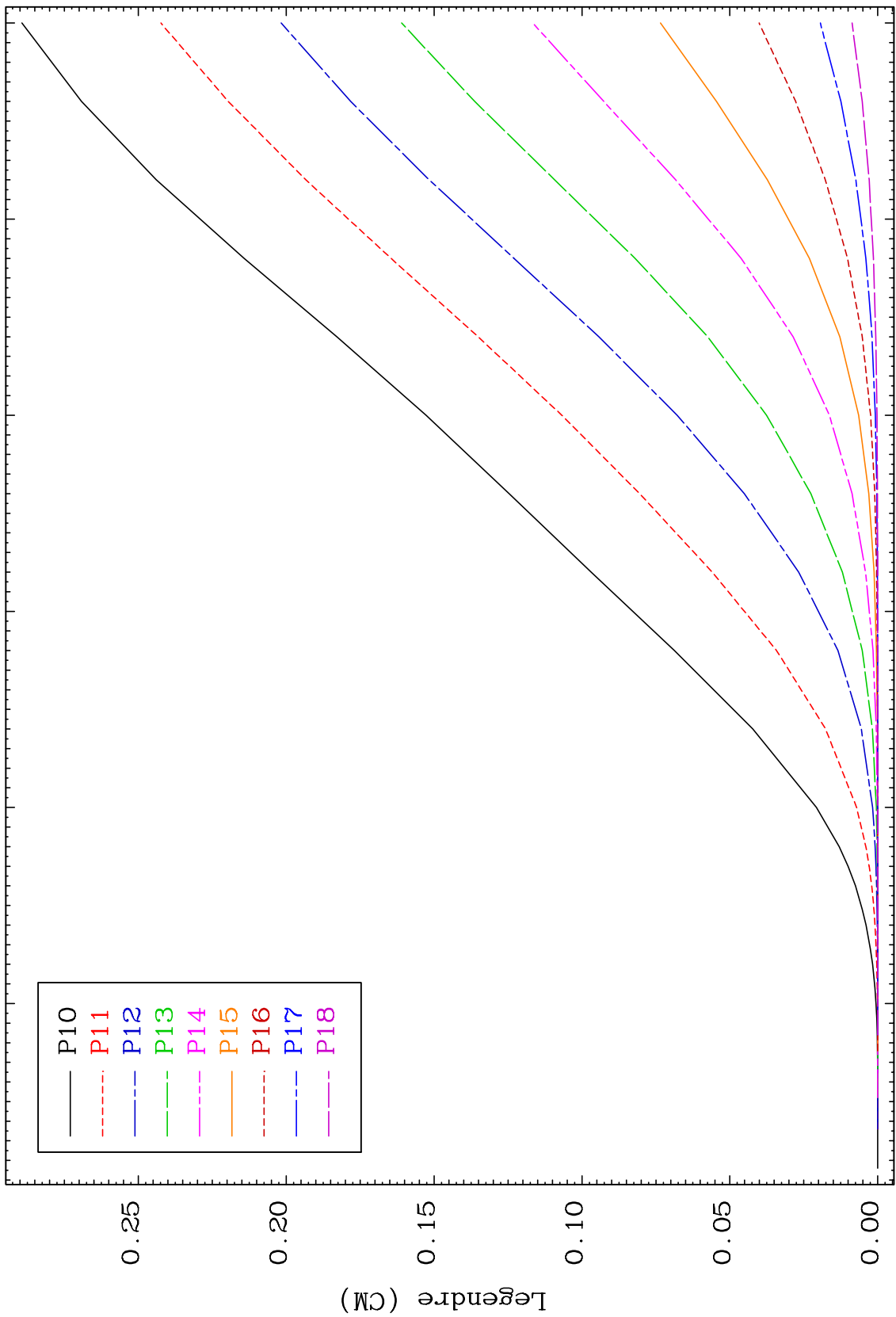
Incident Energy (MeV)

50-Sn-101

MAT 4992

Elastic Legendre Coefficients

50-Sn-101



16

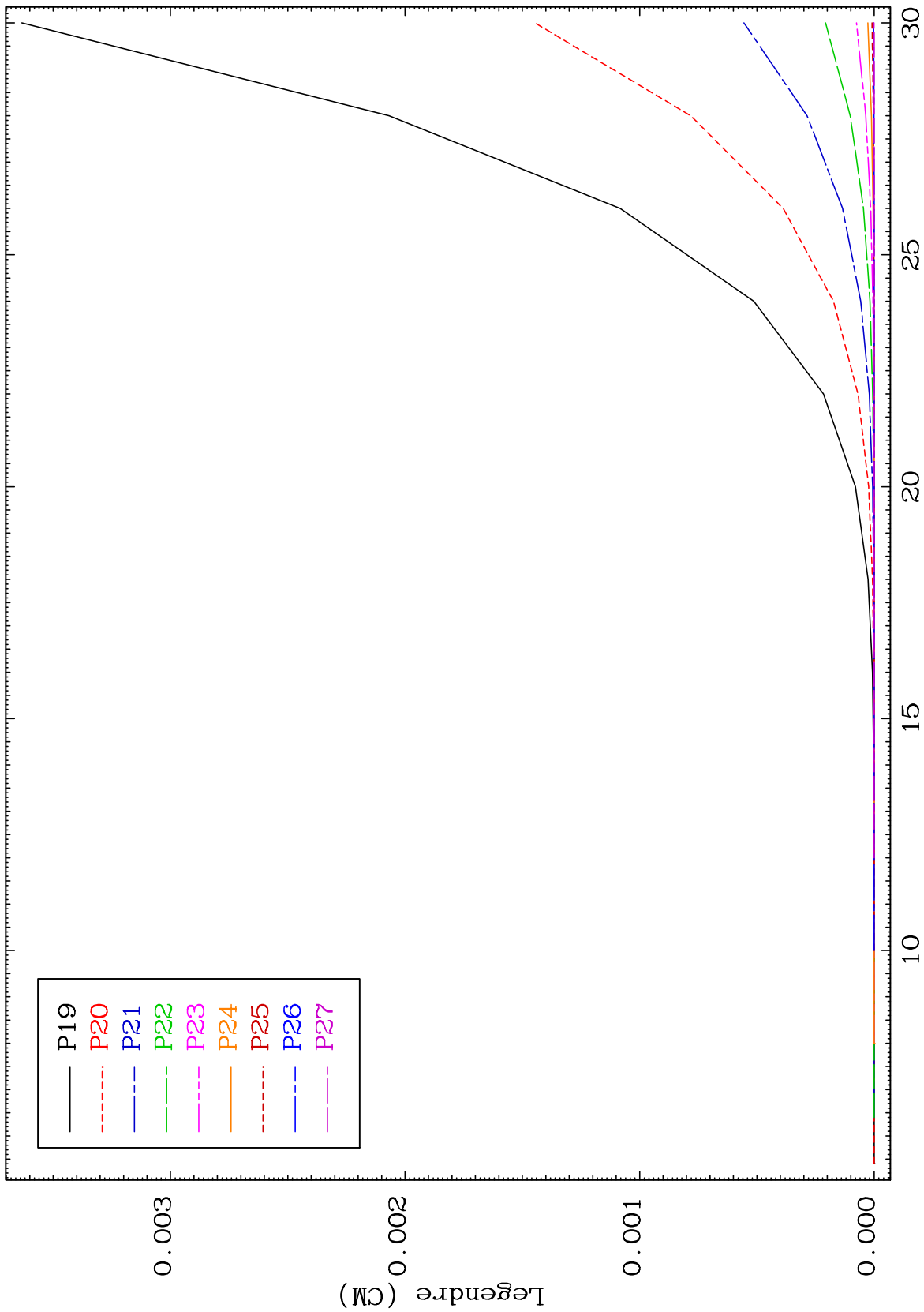
50-Sn-101

Incident Energy (MeV)

MAT 4992

Elastic Legendre Coefficients

50-Sn-101



17

Incident Energy (MeV)

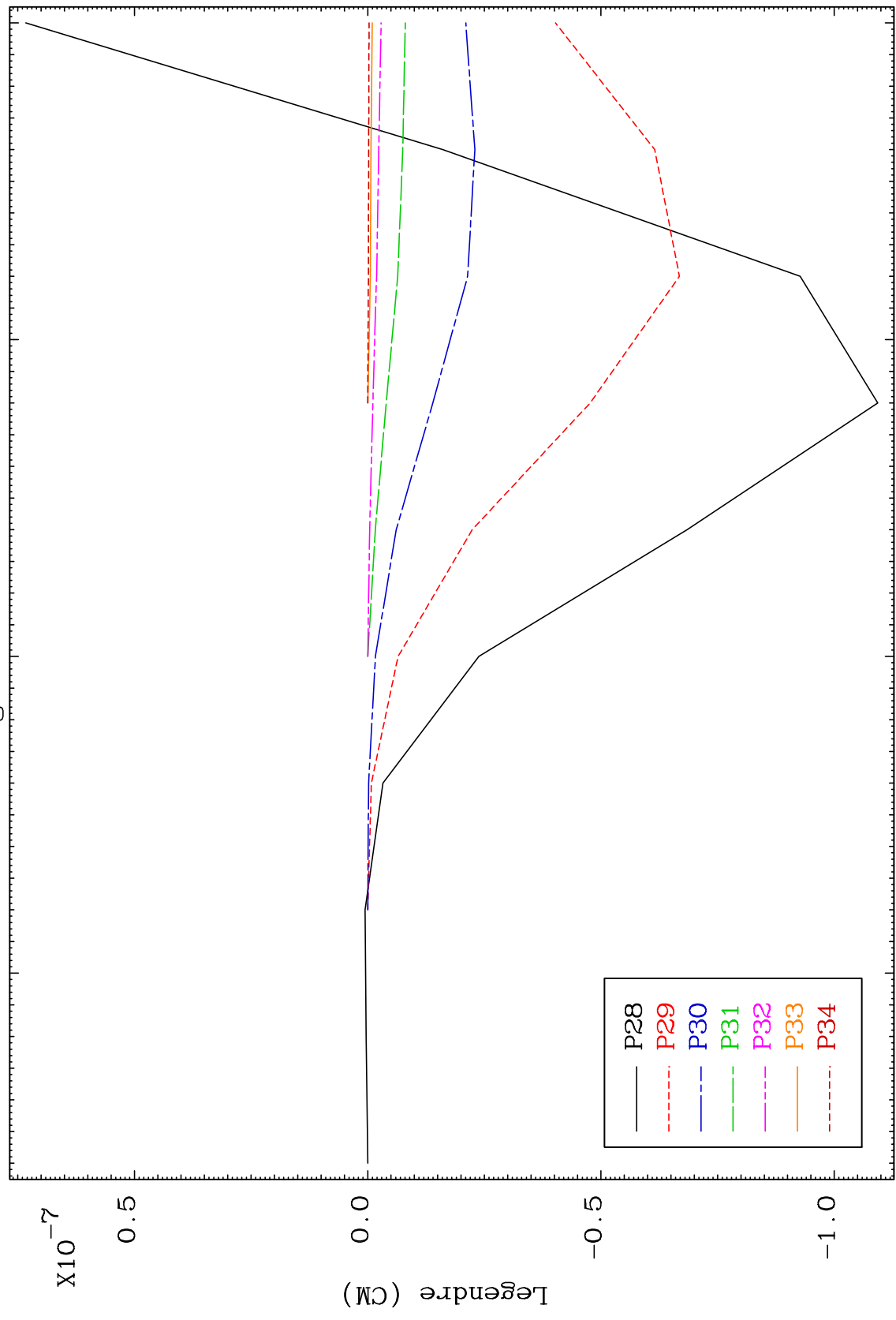
50-Sn-101

MAT 4992

Elastic Legendre Coefficients

50-Sn-101

$\times 10^{-7}$



18

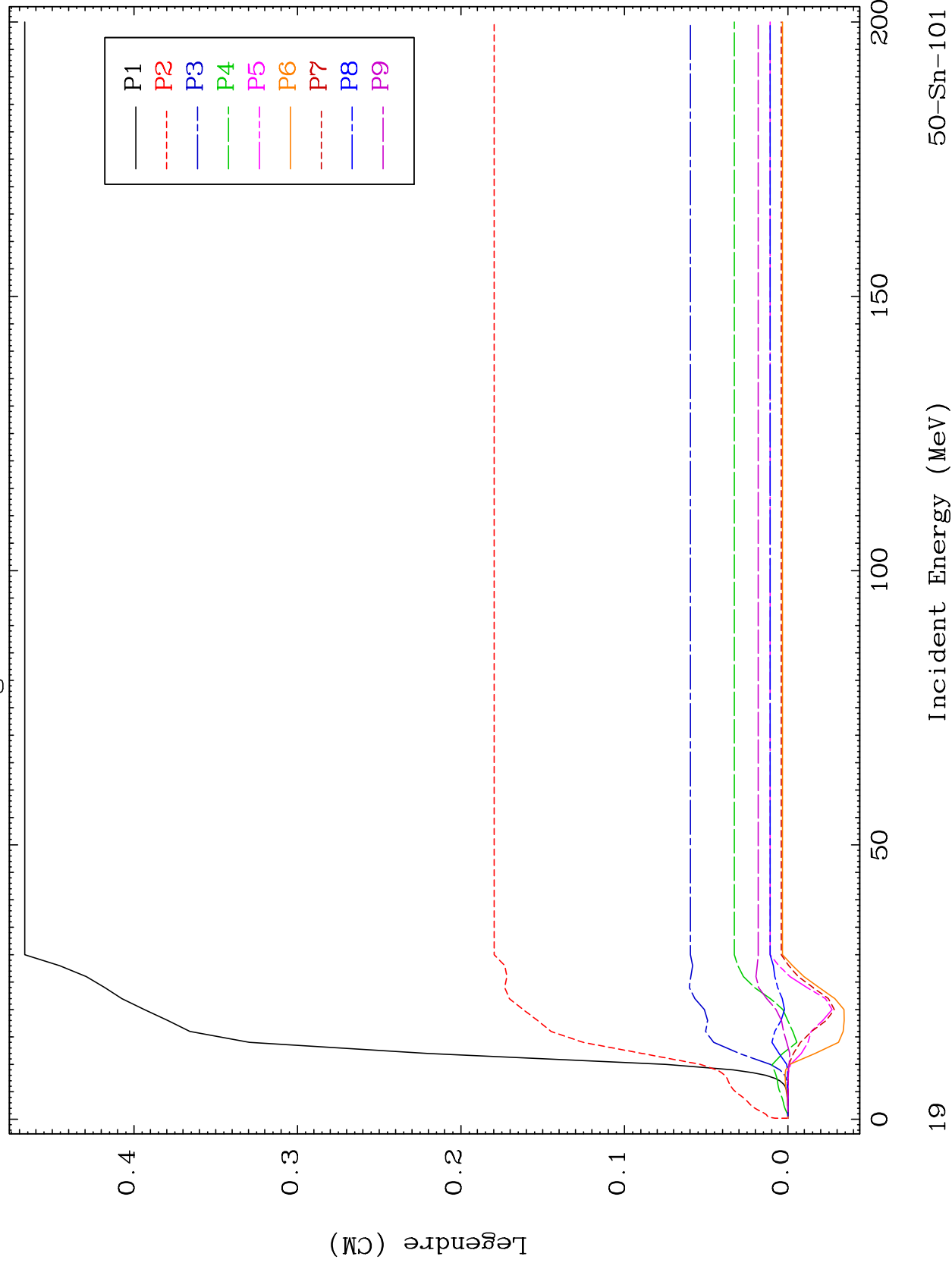
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



50-Sn-101

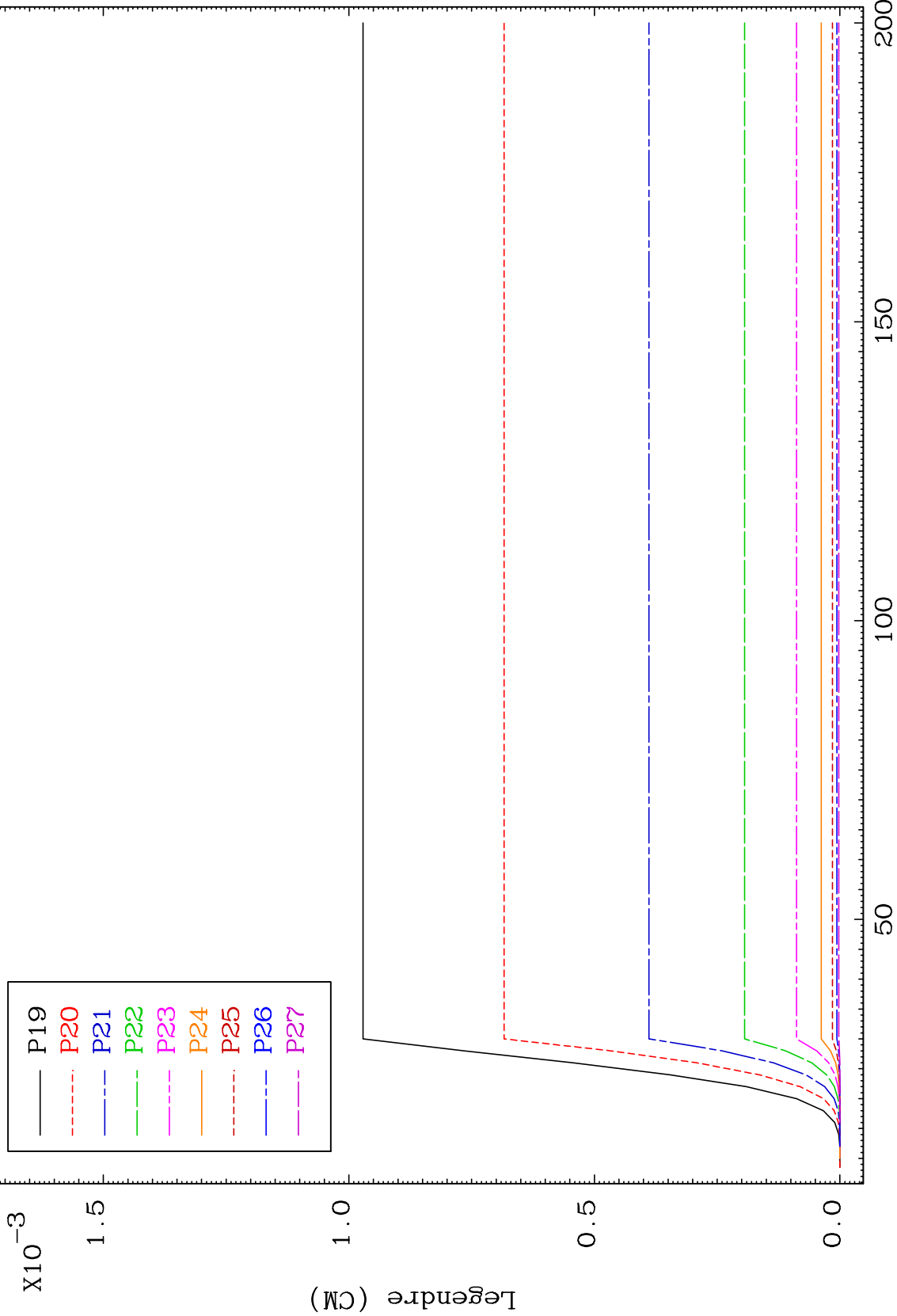
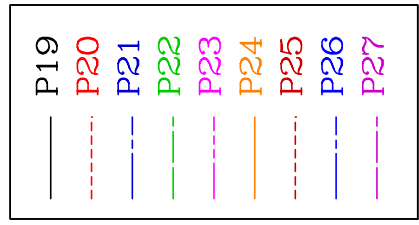
Incident Energy (MeV)

19

MAT 4992

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

50-Sn-101



21

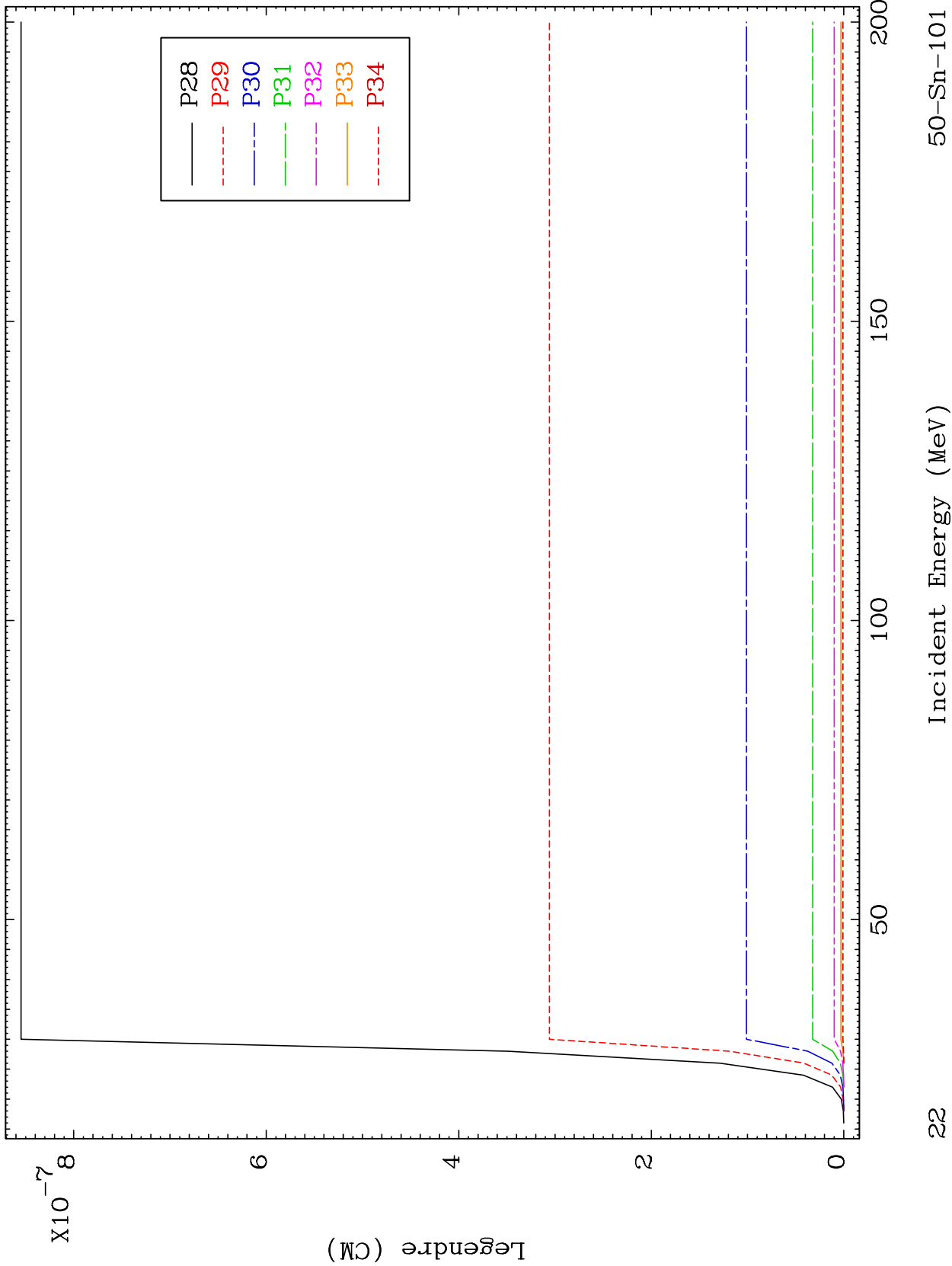
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

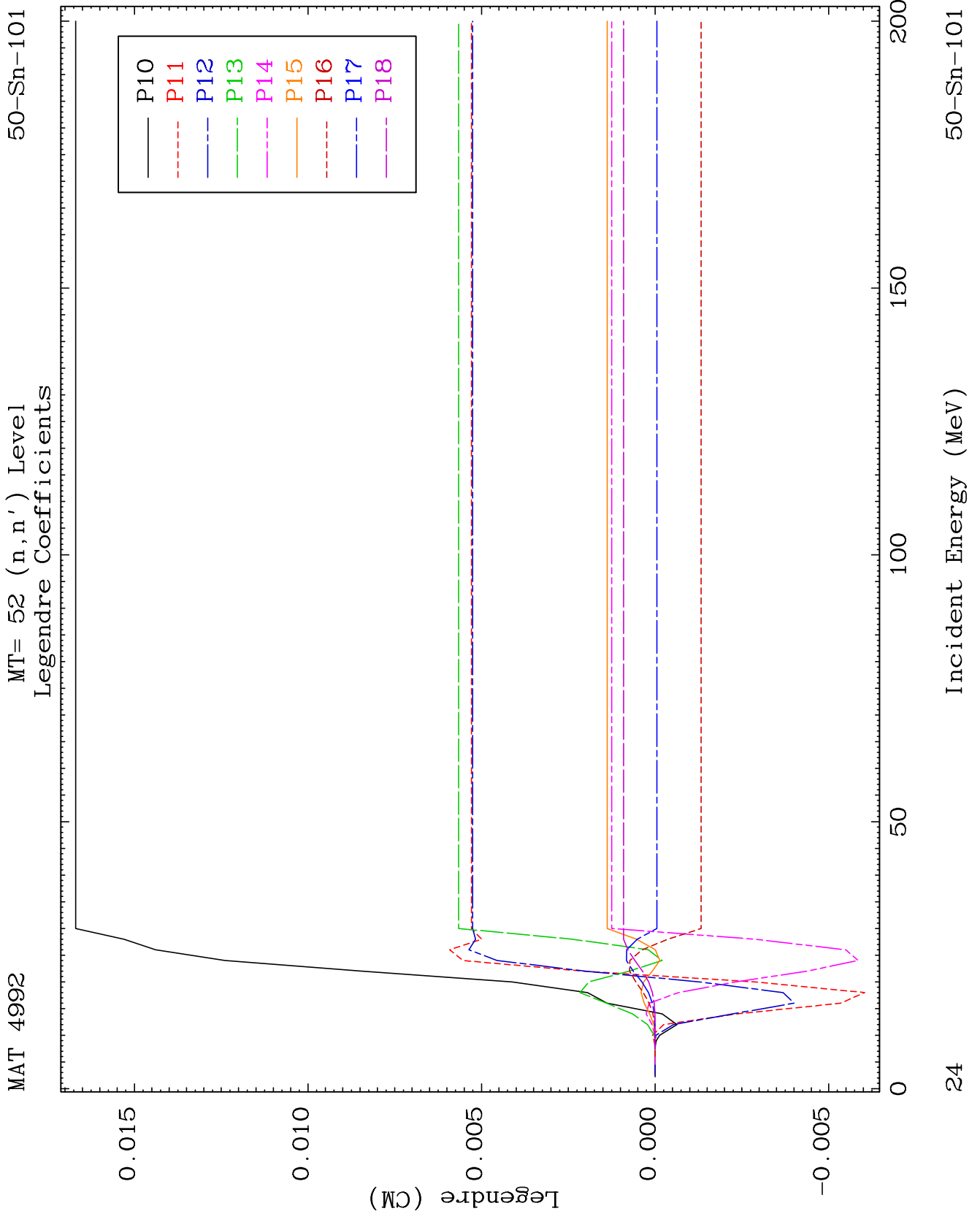
50-Sn-101



22

Incident Energy (MeV)

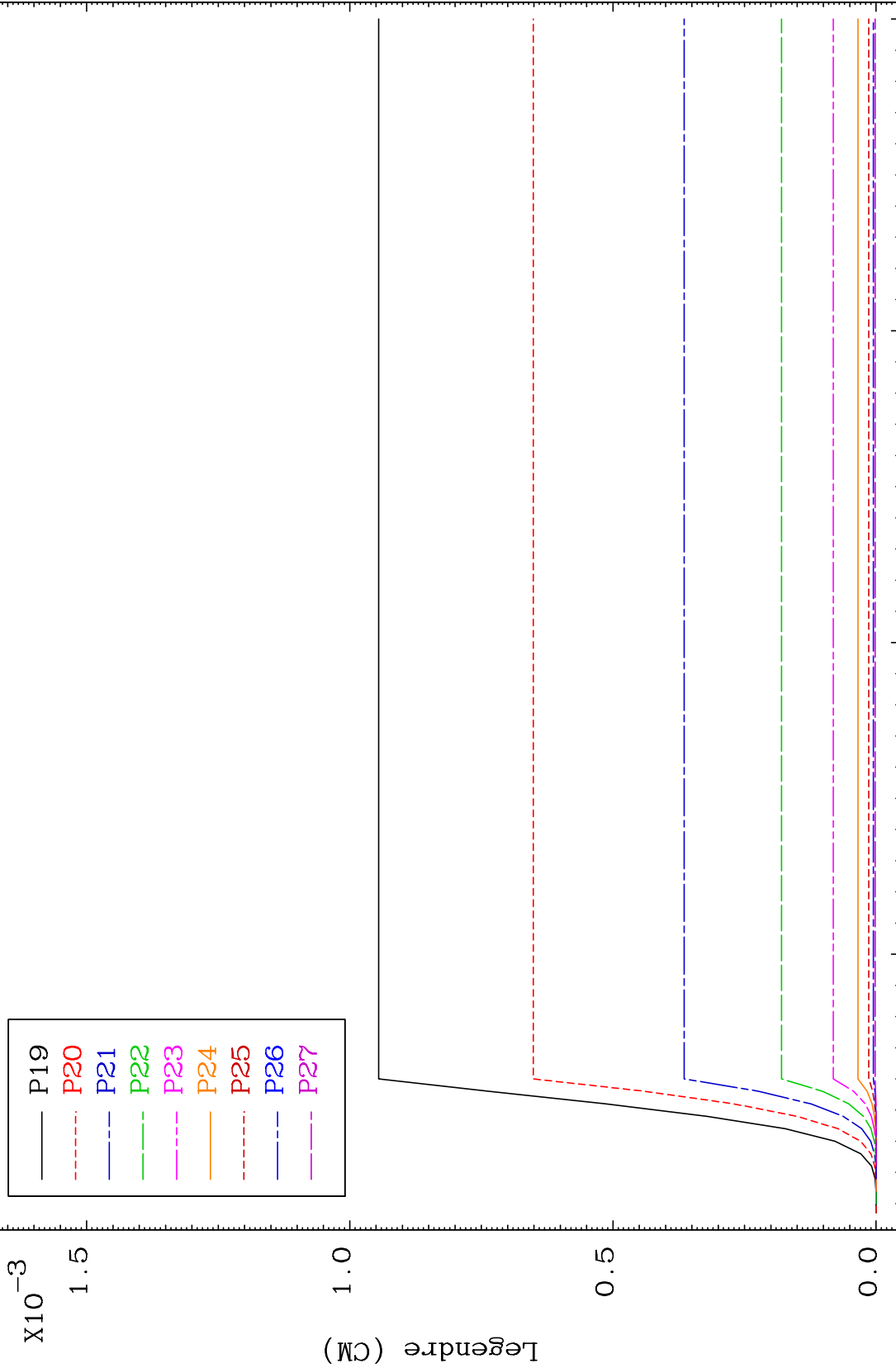
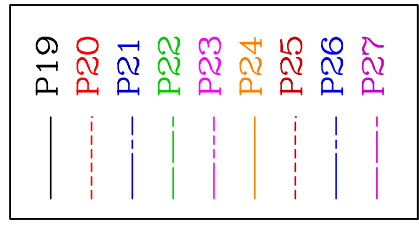
50-Sn-101



MAT 4992

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

50-Sn-101



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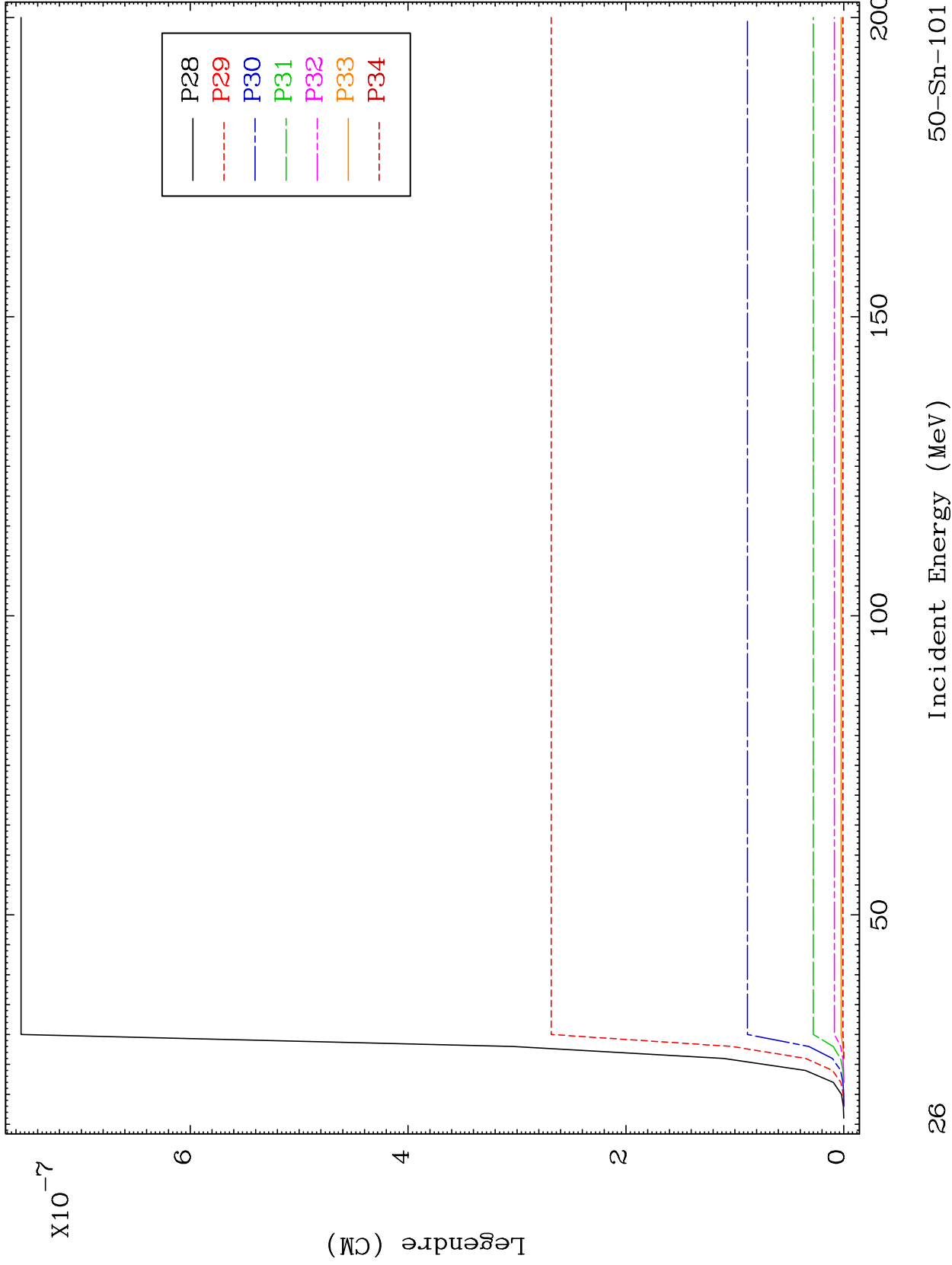
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

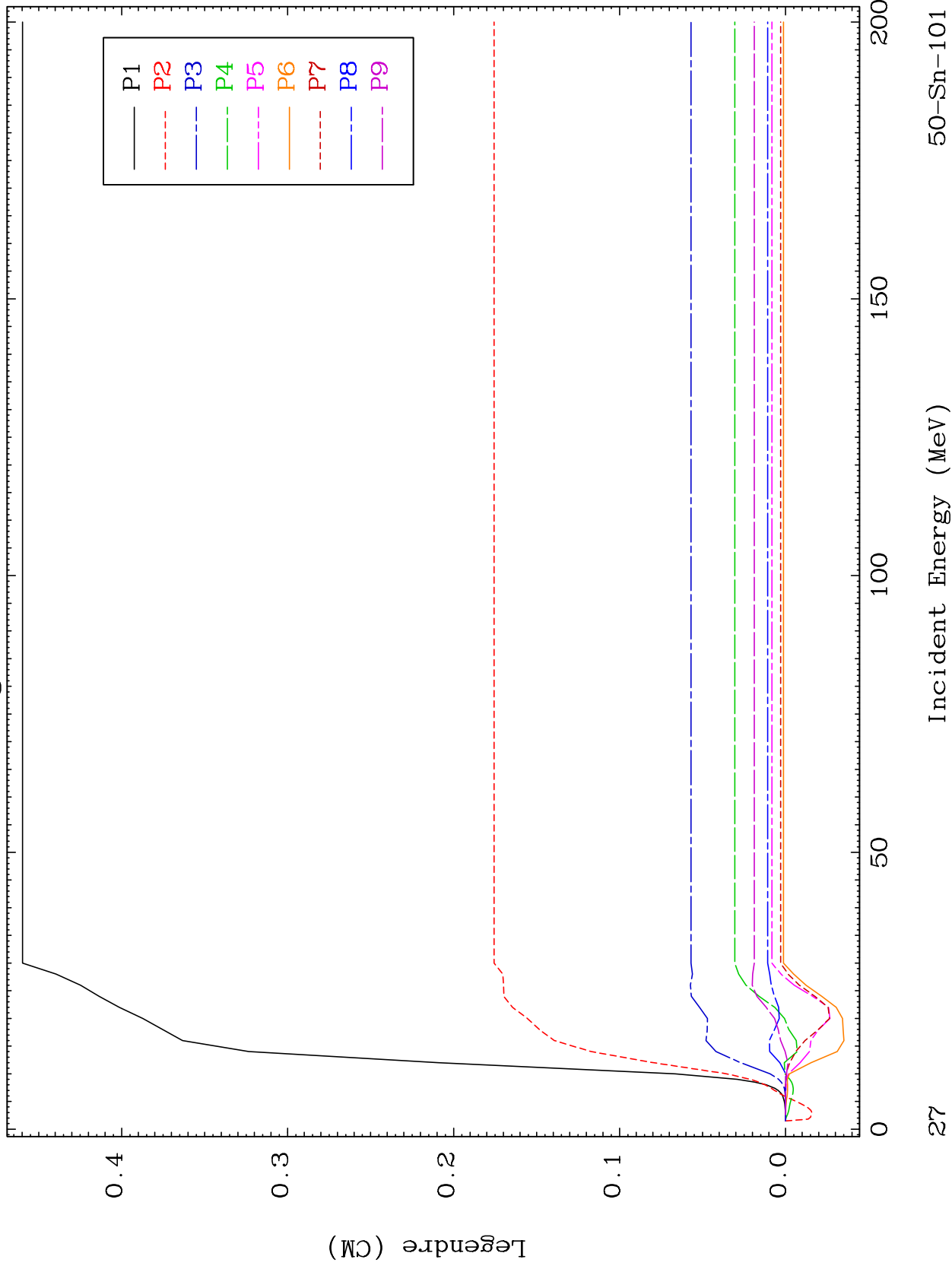
50-Sn-101



MAT 4992

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

50-Sn-101



27

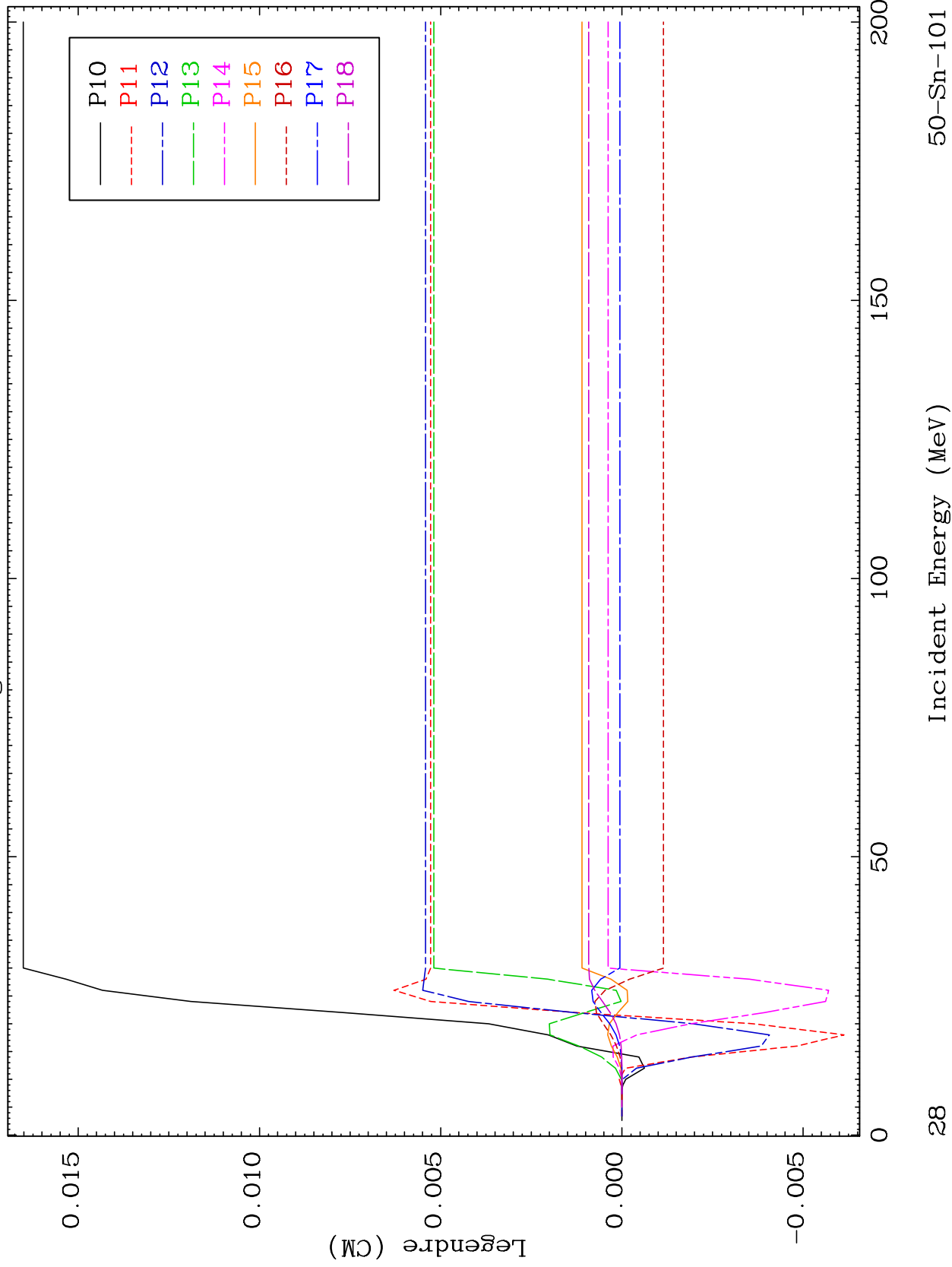
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



50-Sn-101

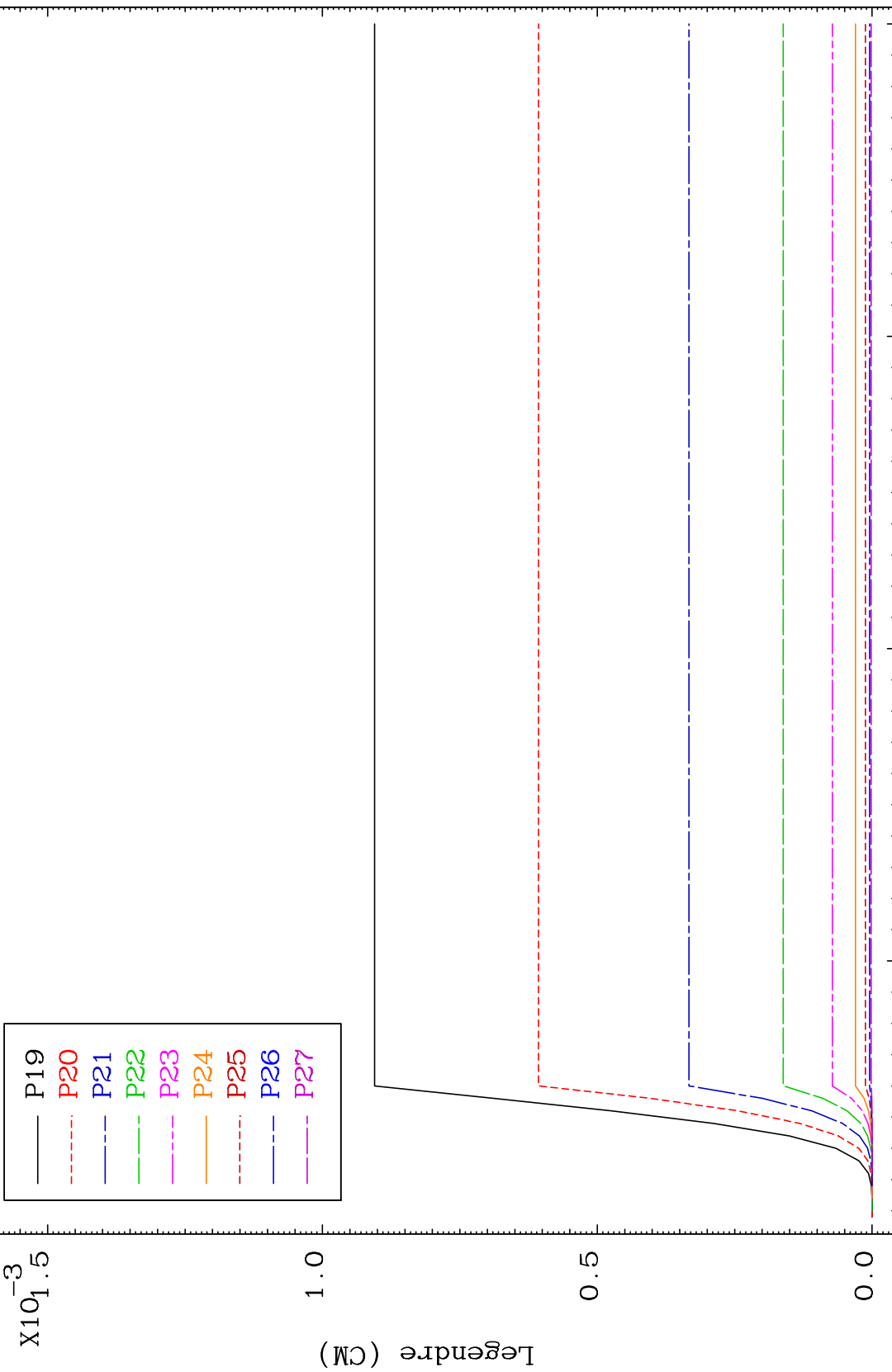
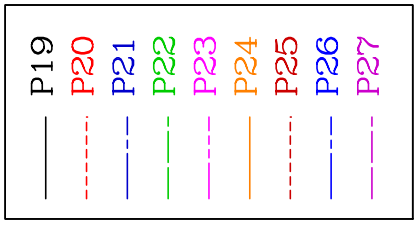
Incident Energy (MeV)

28

MAT 4992

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

50-Sn-101

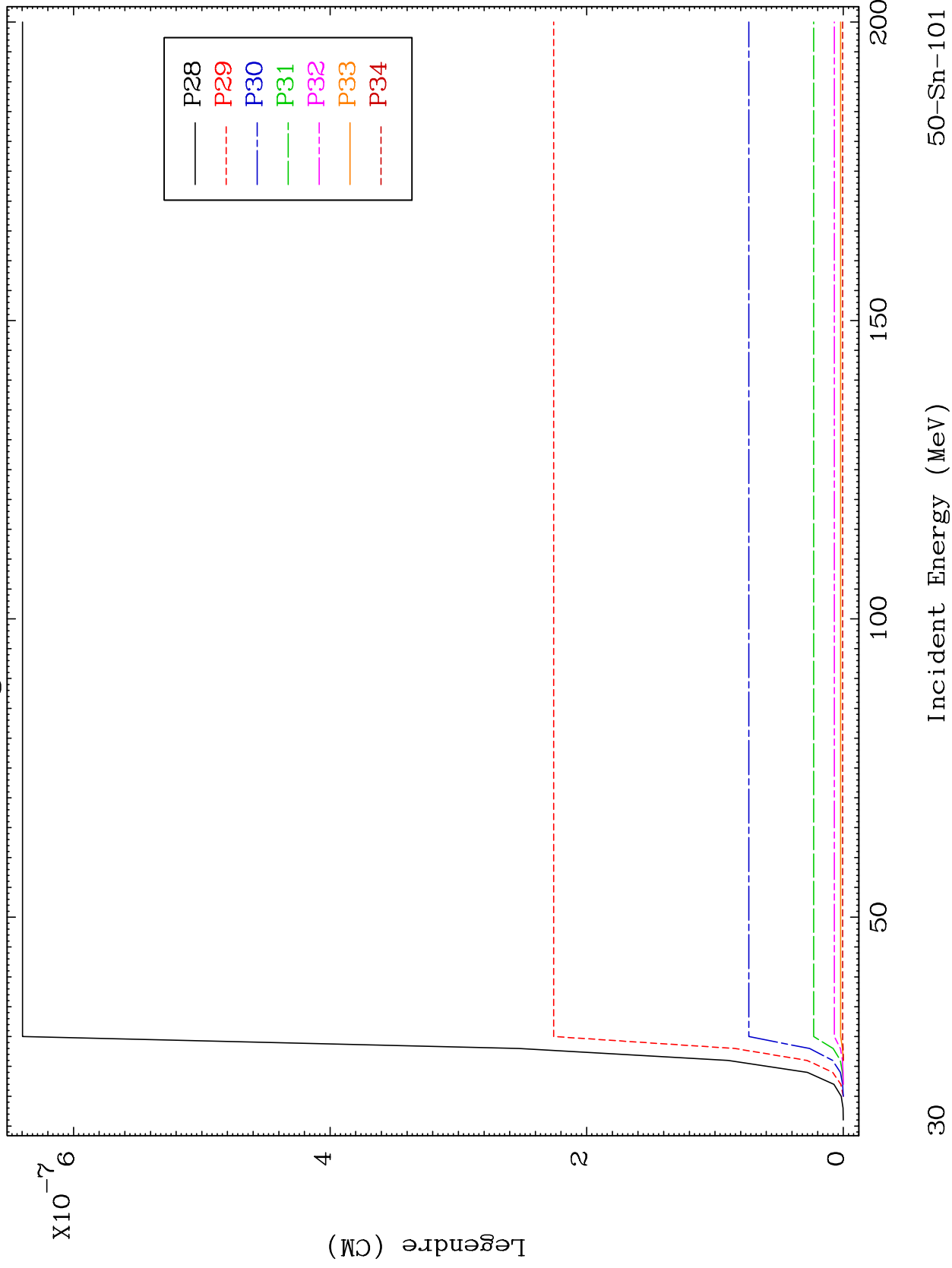


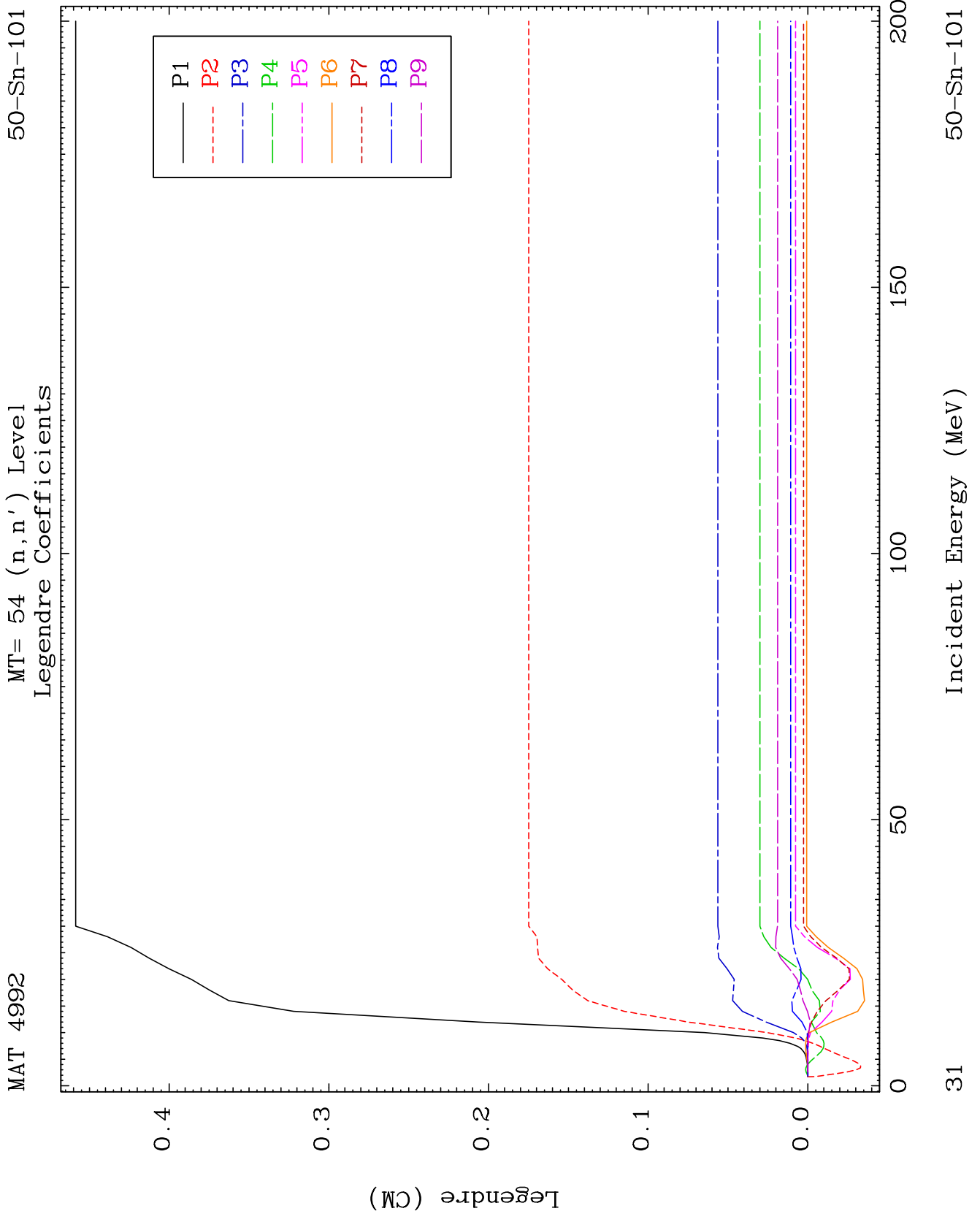
50-Sn-101

MAT 4992

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

50-Sn-101

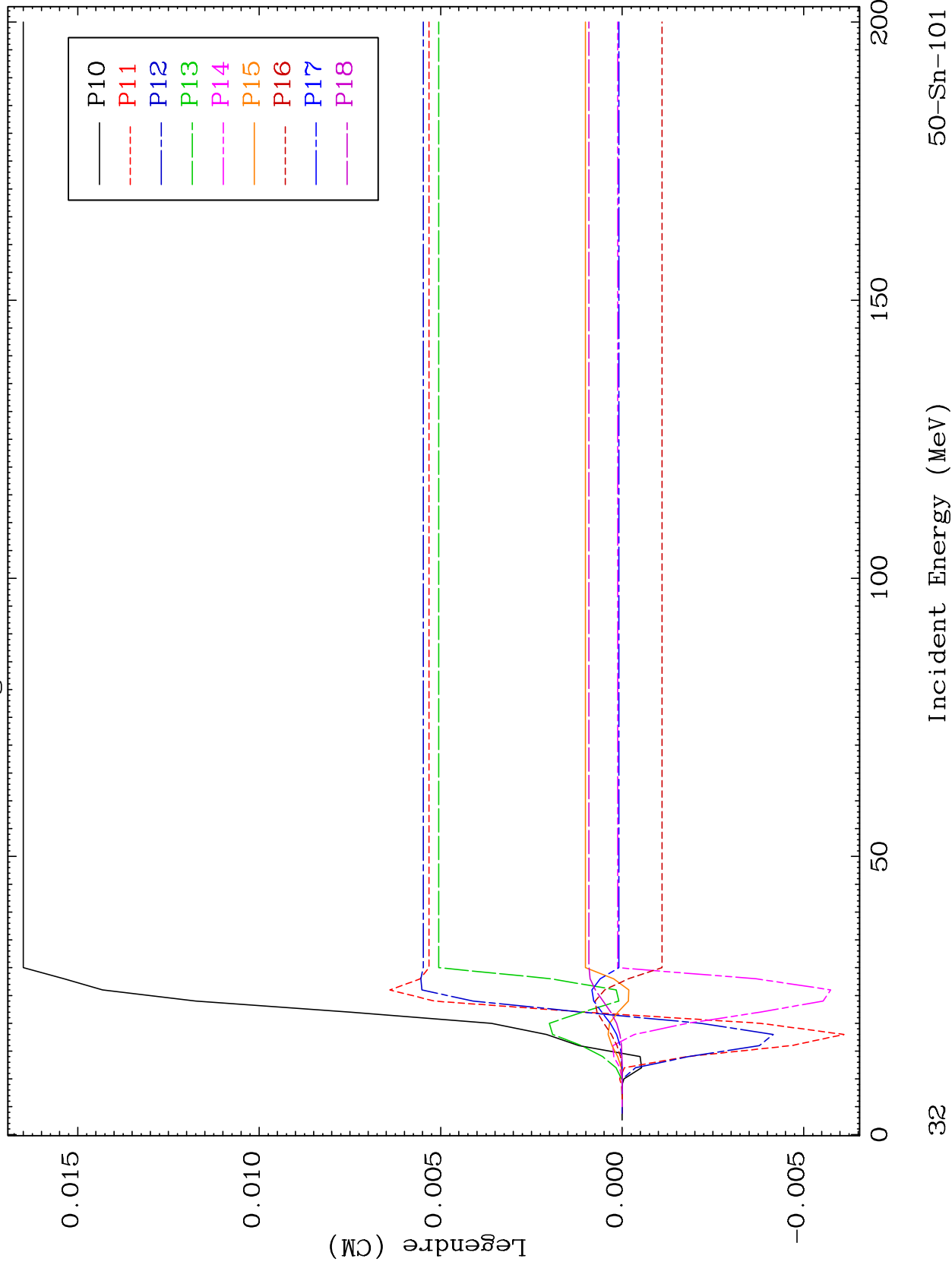




MAT 4992

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

50-Sn-101



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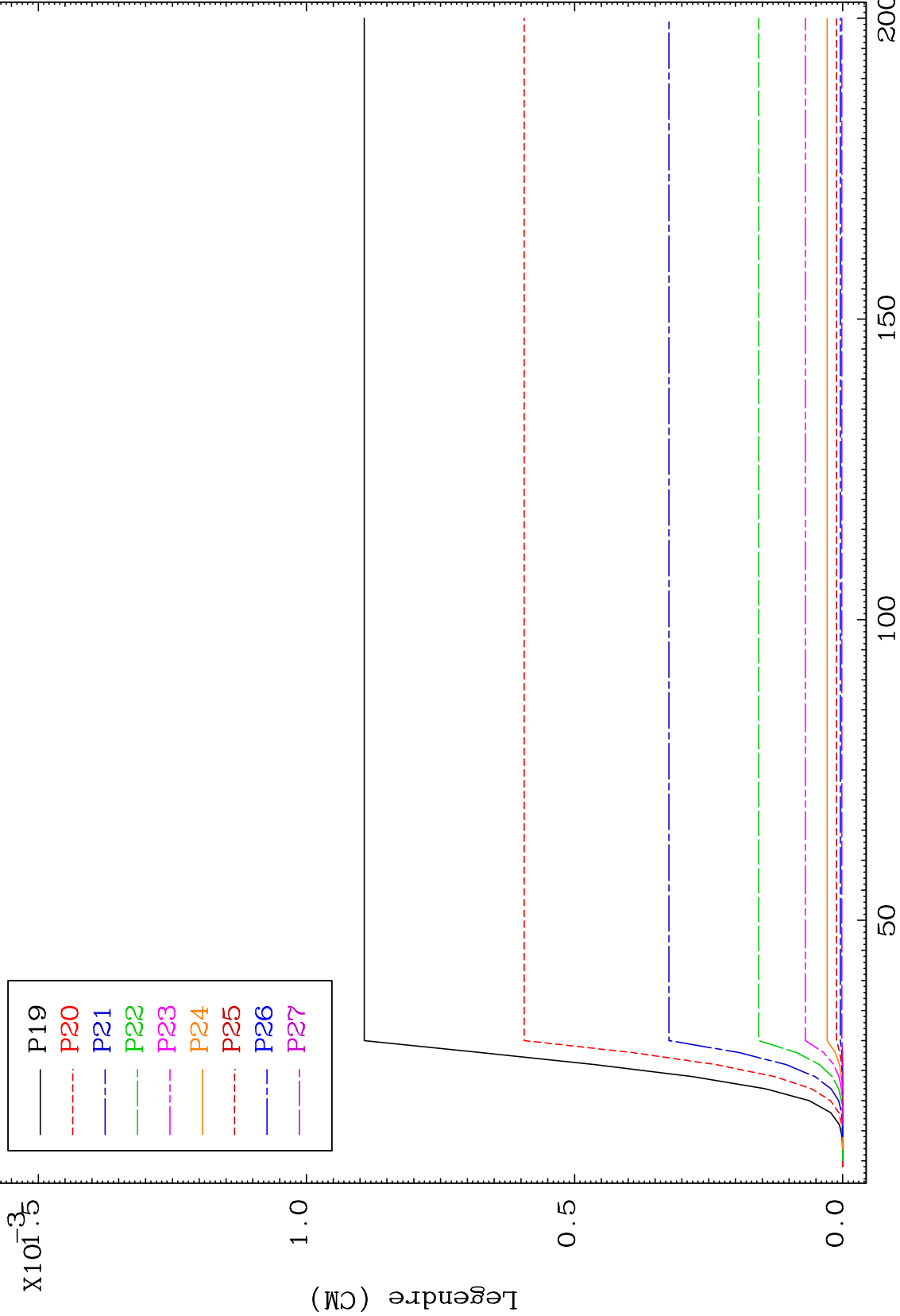
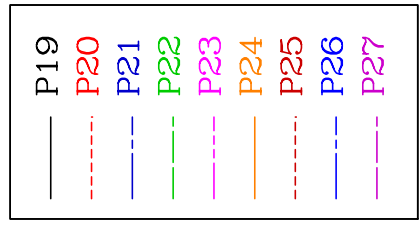
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

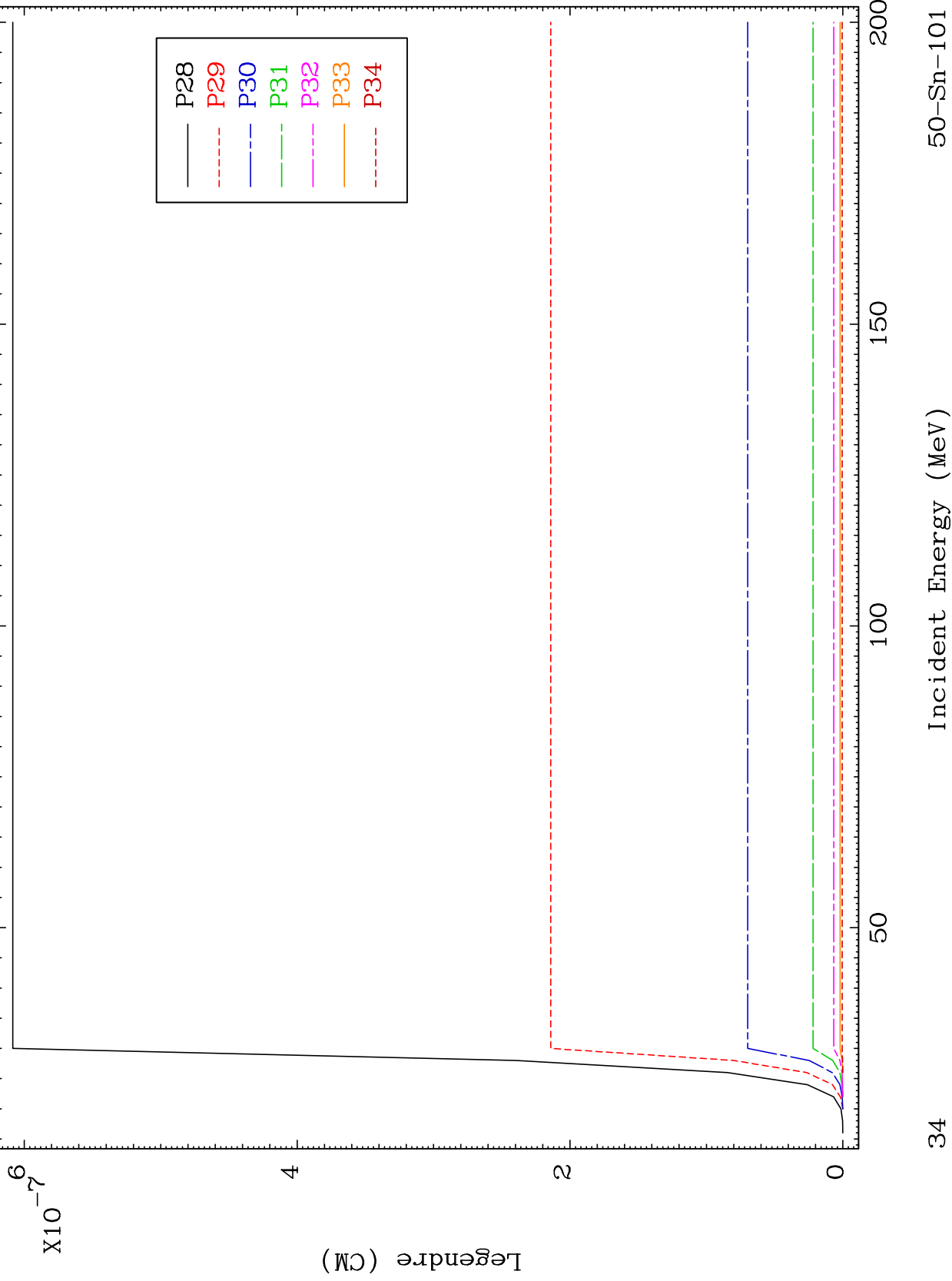
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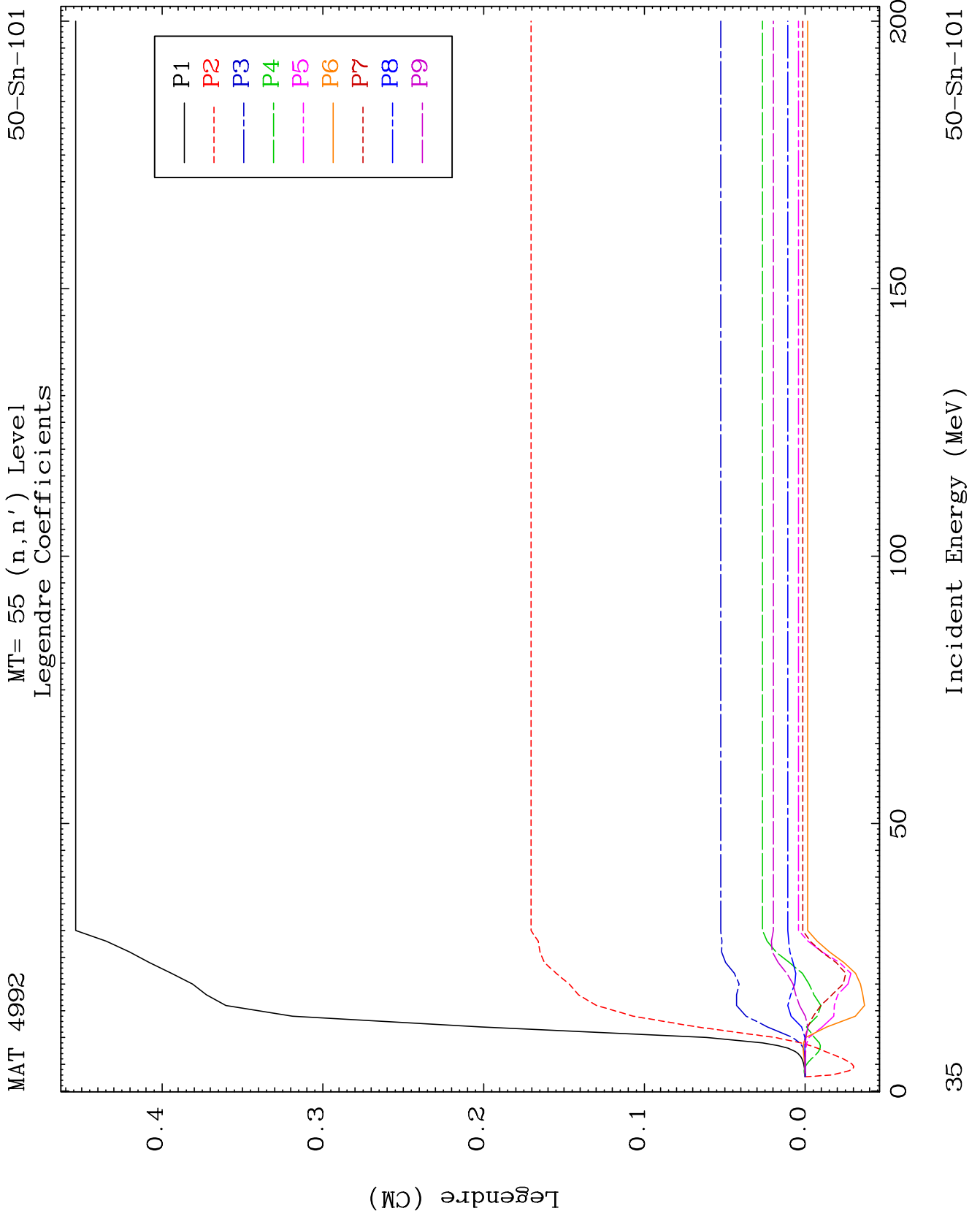


MAT 4992

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

50-Sn-101

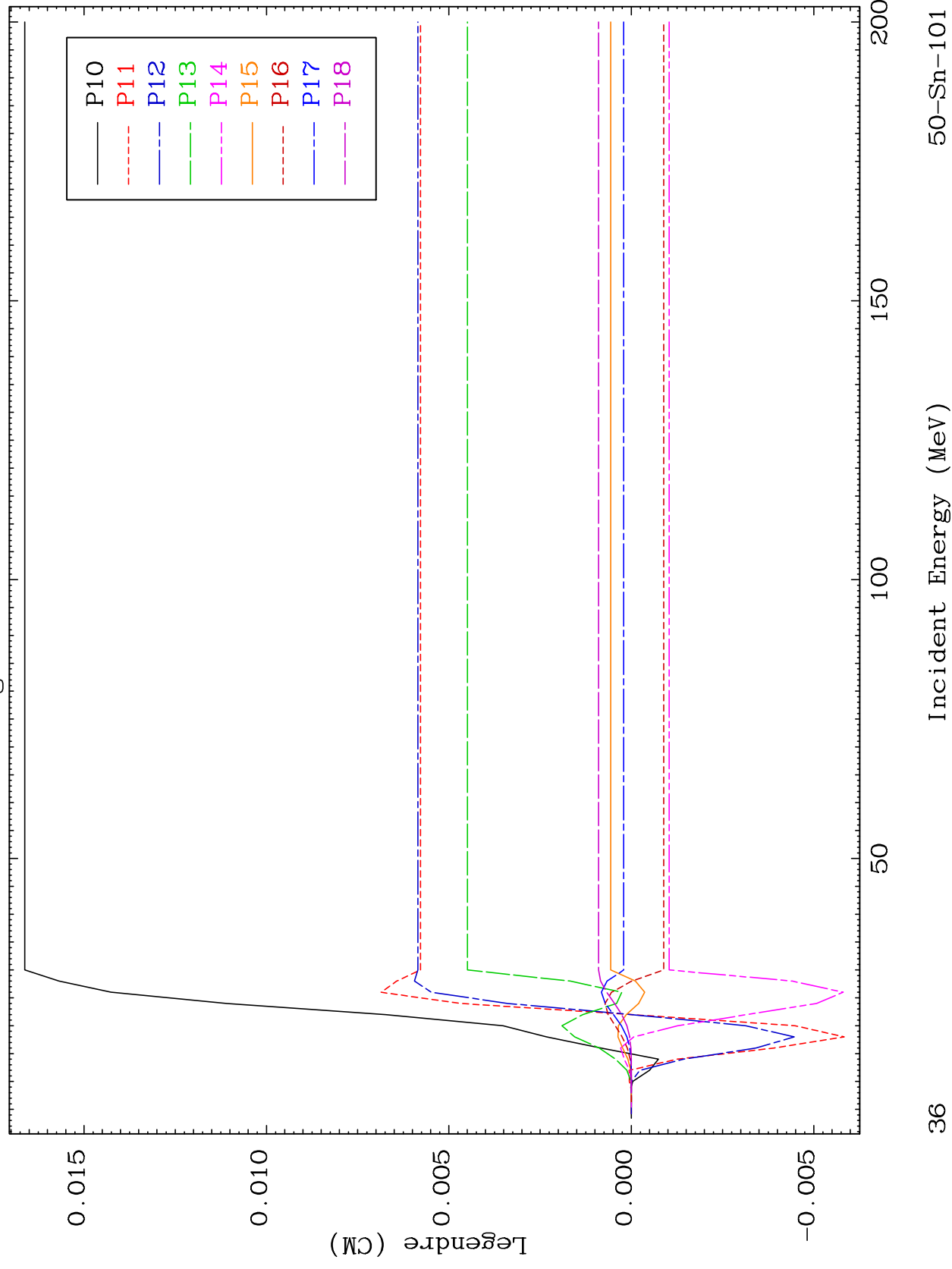




MAT 4992

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

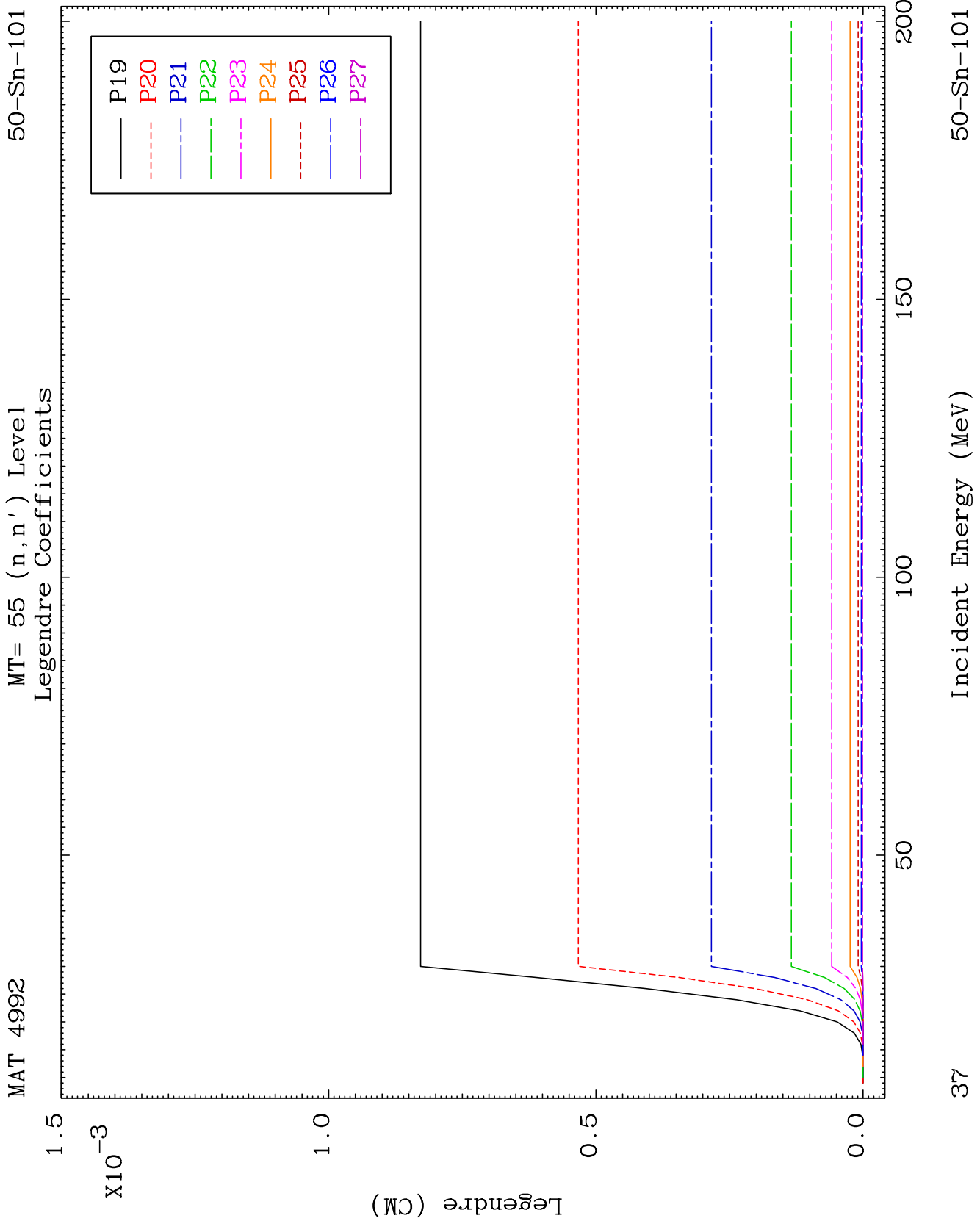
50-Sn-101



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50-Sn-101

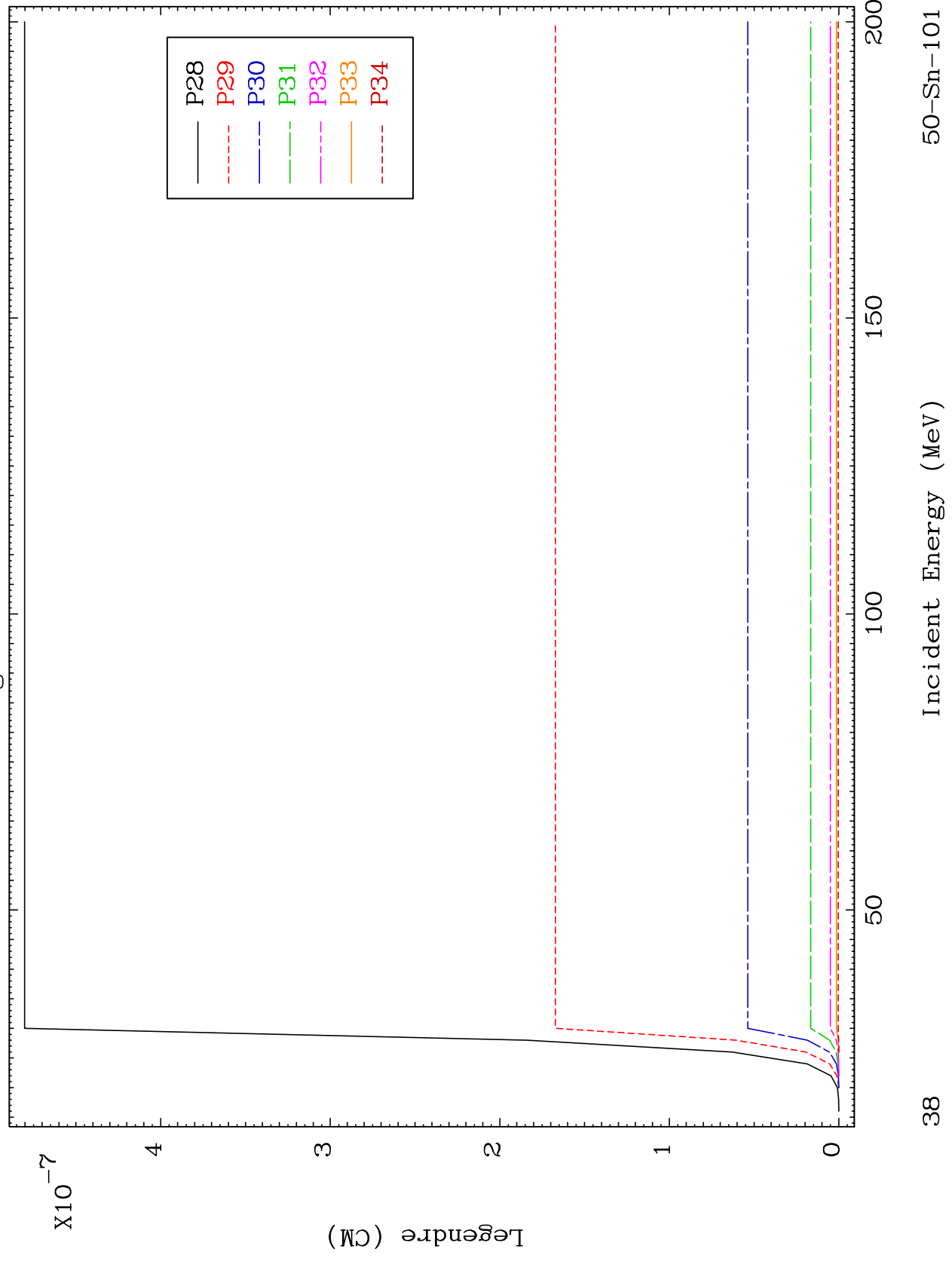
Incident Energy (MeV)



MAT 4992

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

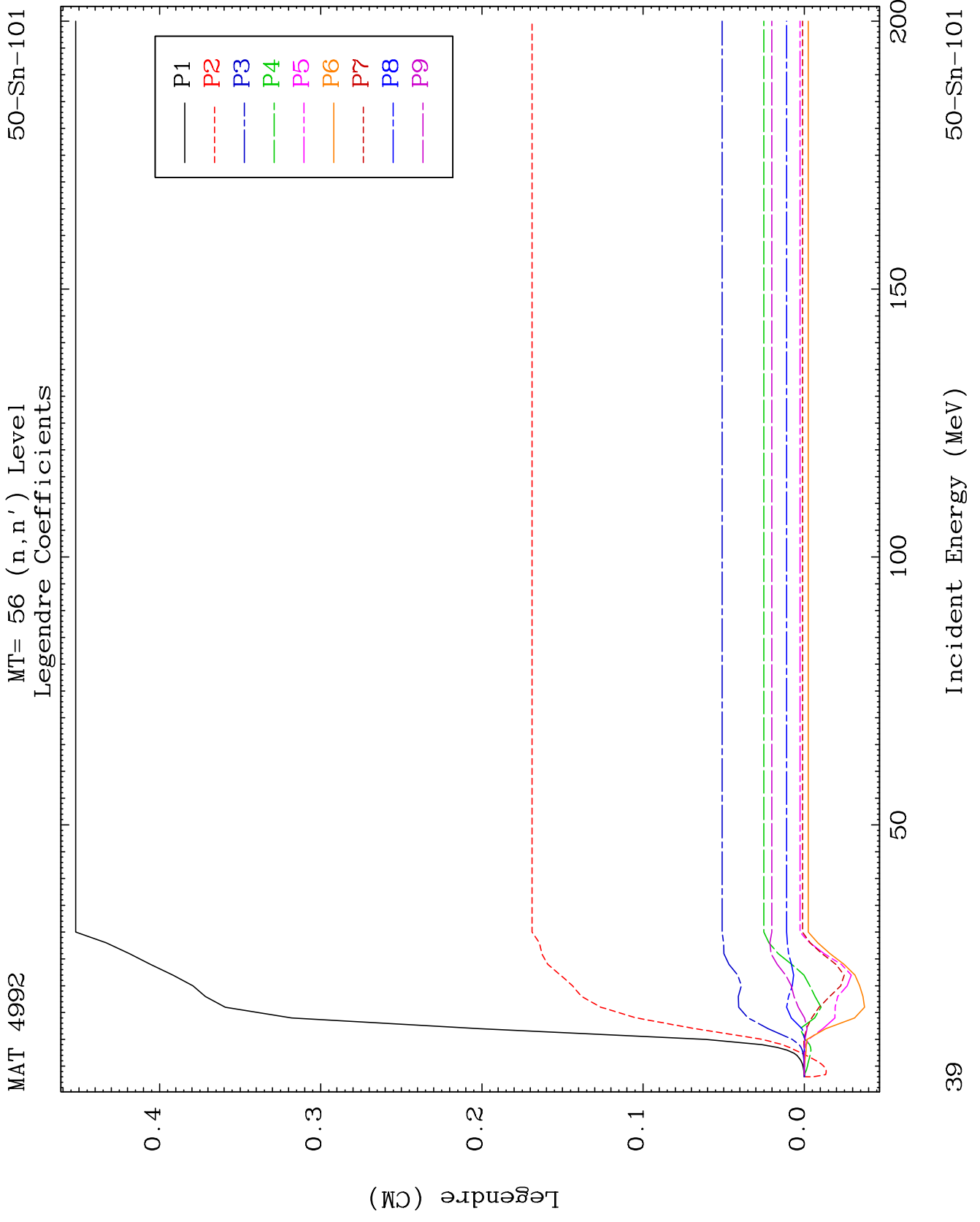
50-Sn-101



38

Incident Energy (MeV)

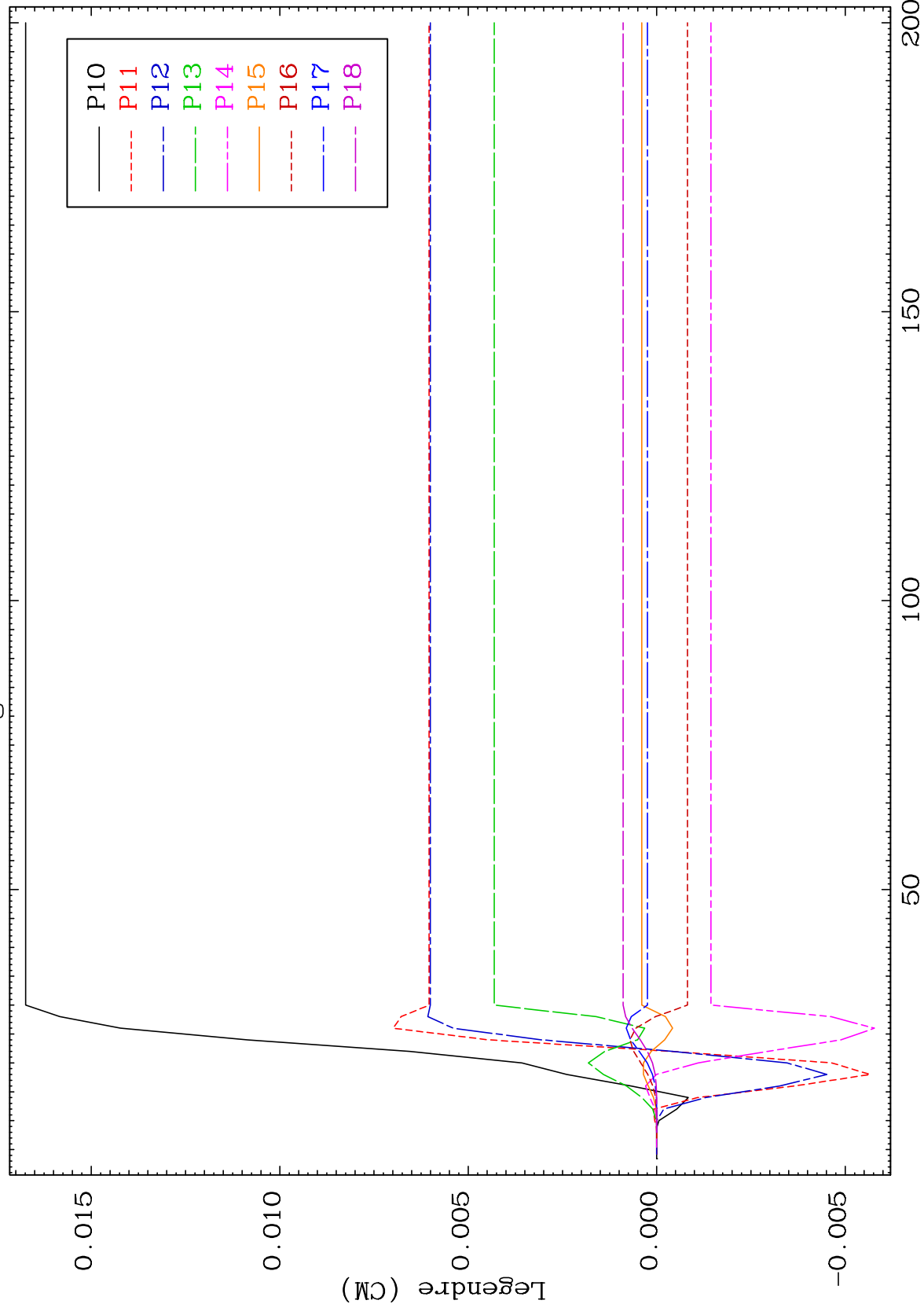
50-Sn-101



MAT 4992

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

50-Sn-101



40

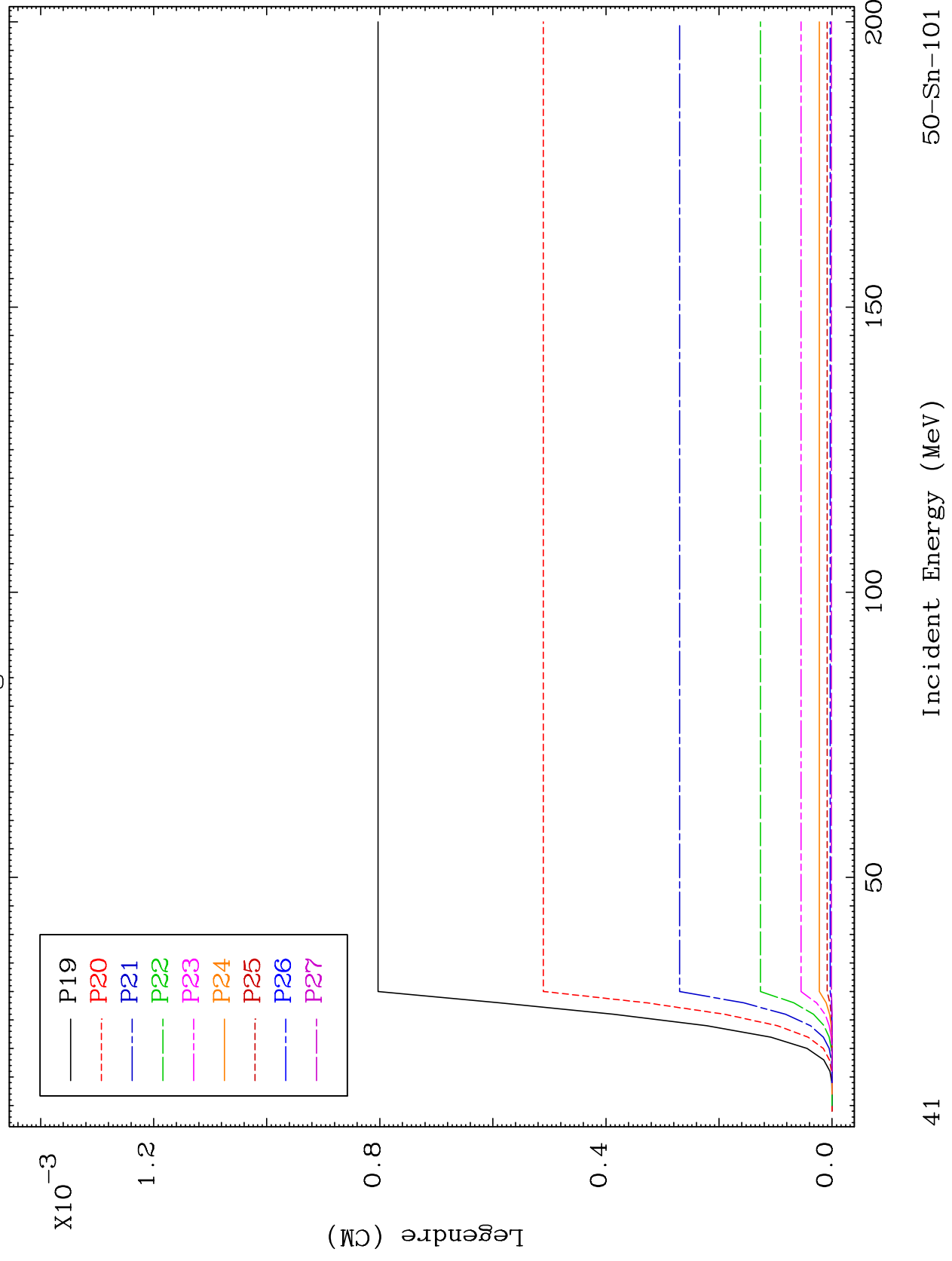
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

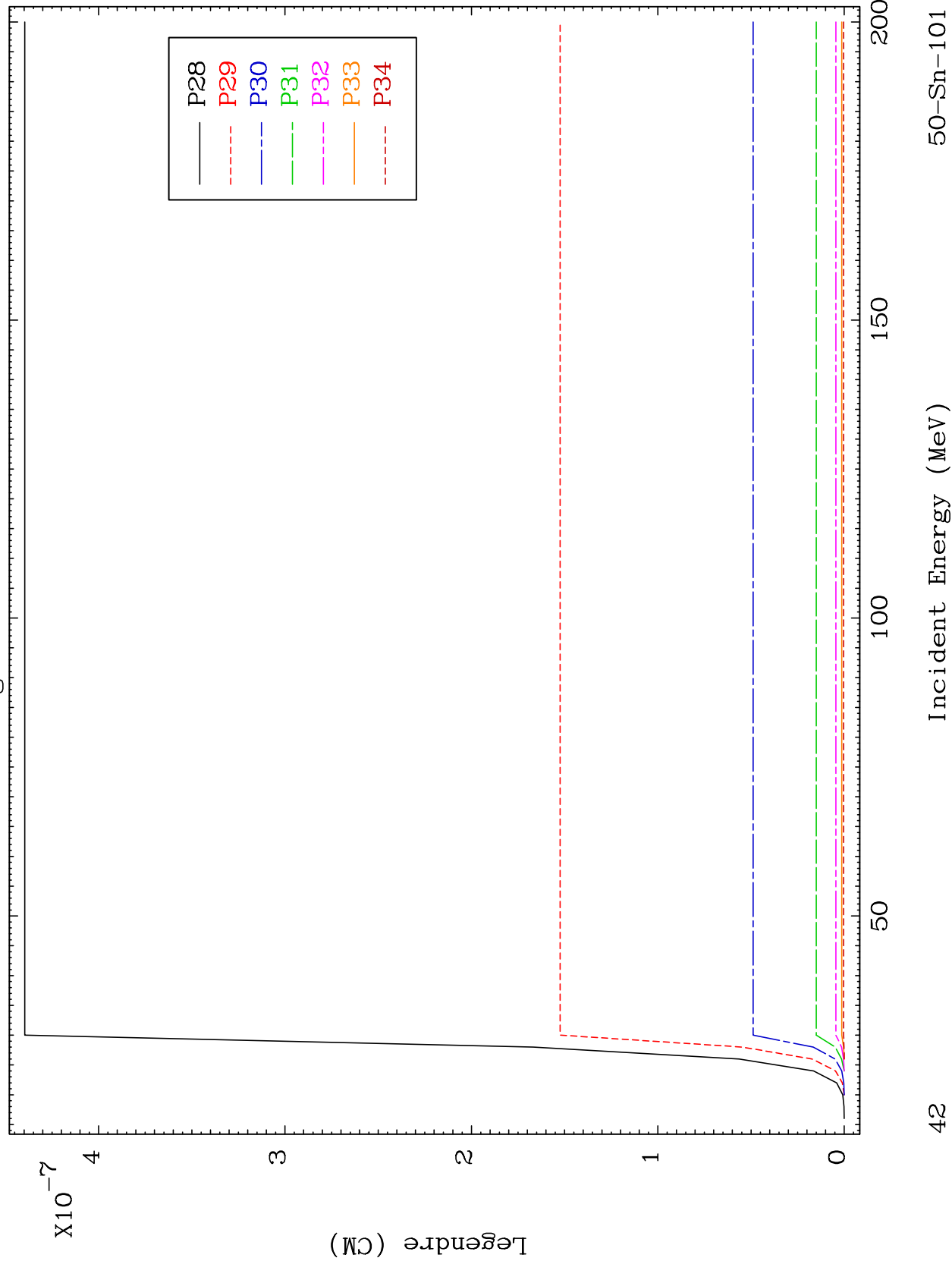
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MAT 4992

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

50-Sn-101

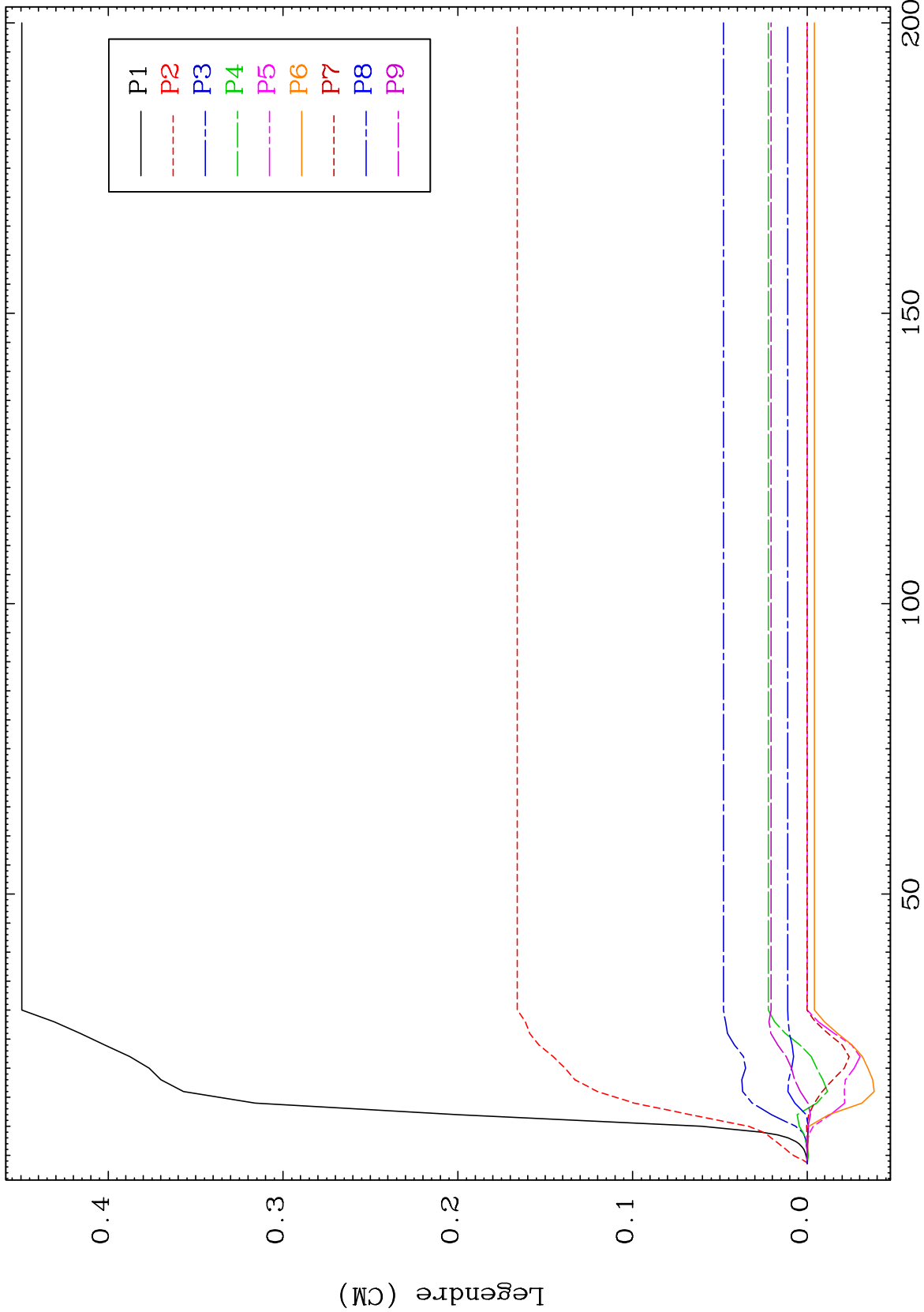


MAT 4992

MT= 57 (n,n') Level

50-Sn-101

Legendre Coefficients



43

Incident Energy (MeV)

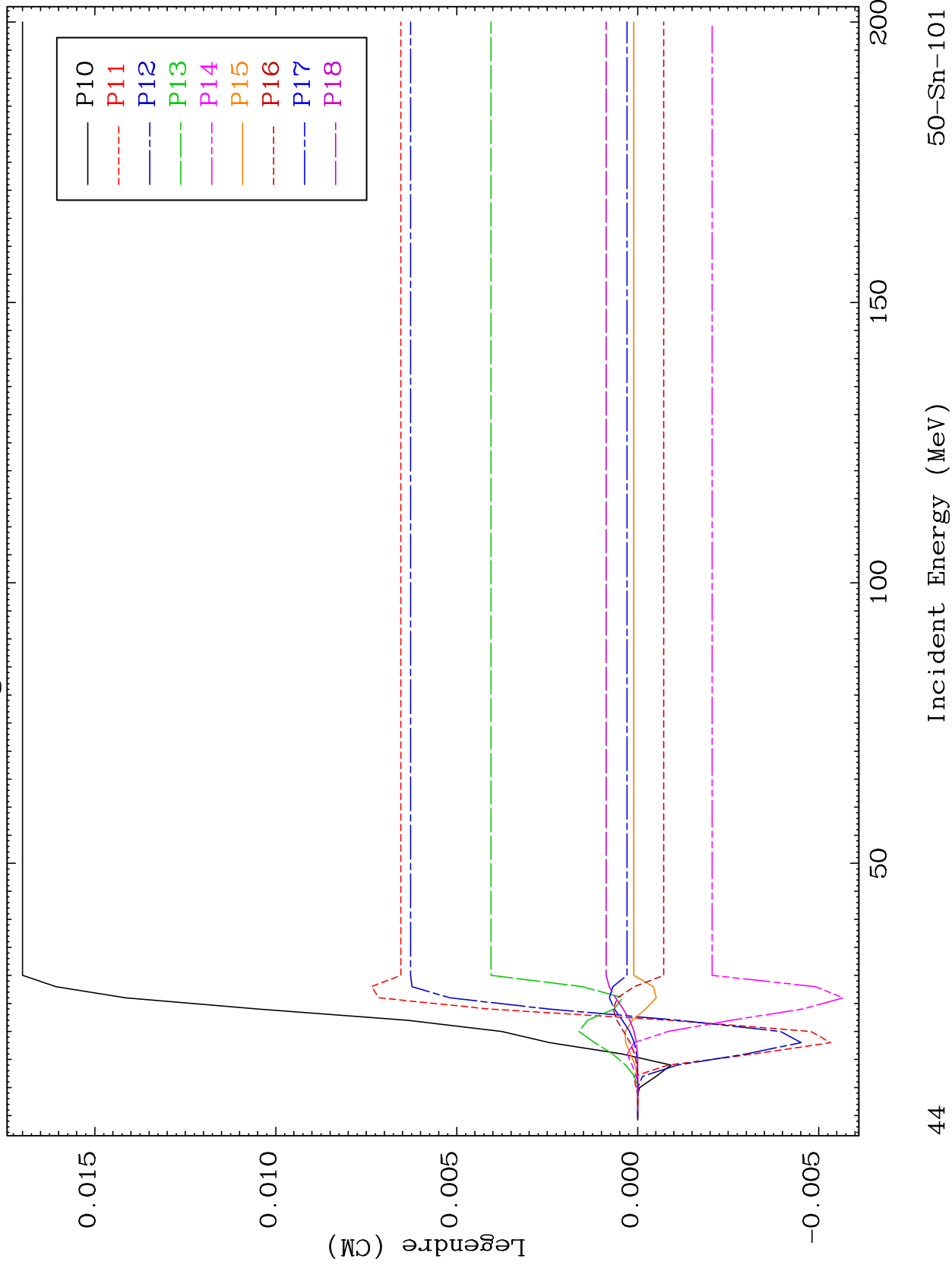
50-Sn-101

MAT 4992

MT= 57 (n,n') Level

50-Sn-101

Legendre Coefficients



44

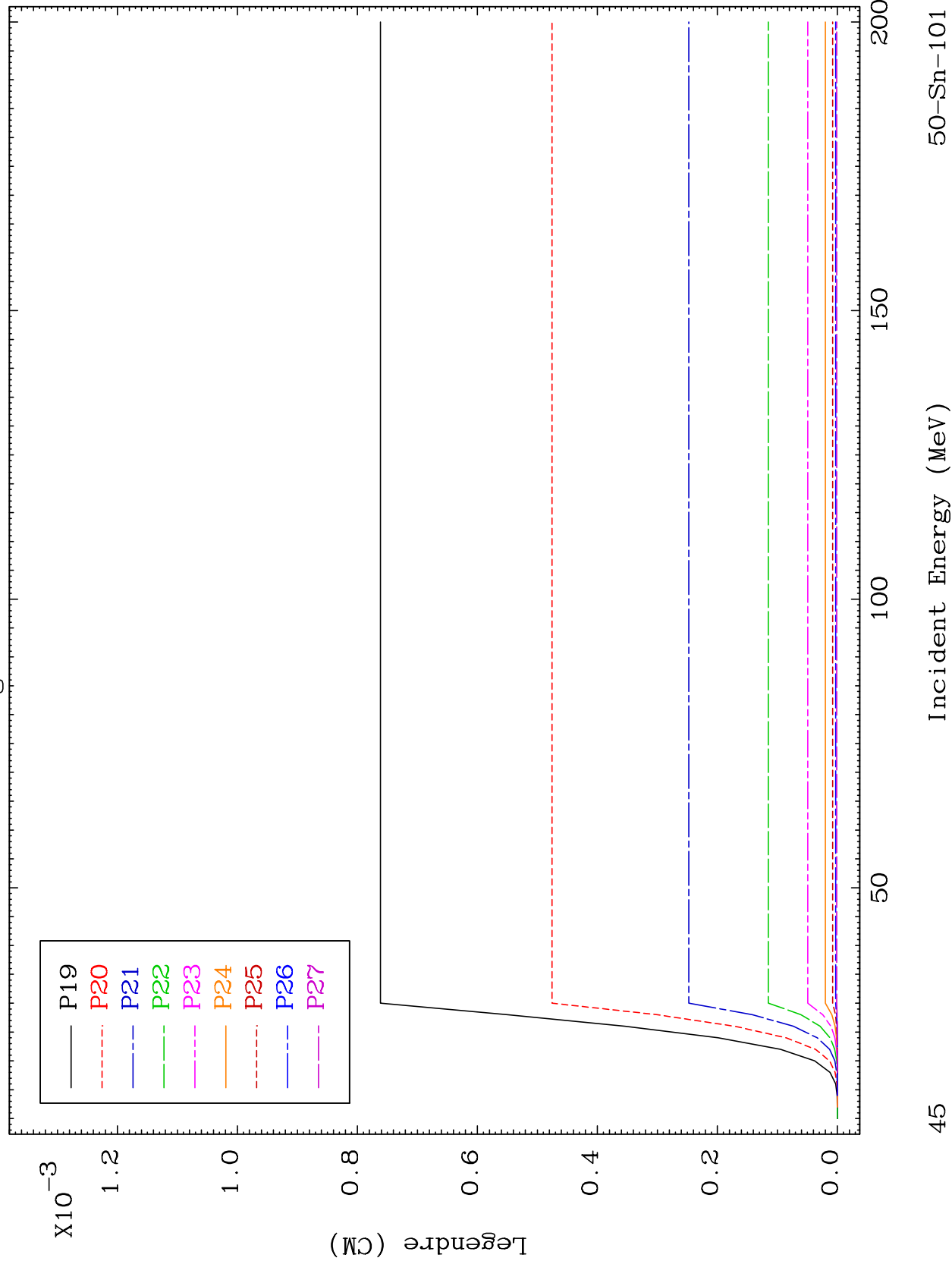
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

50-Sn-101



45

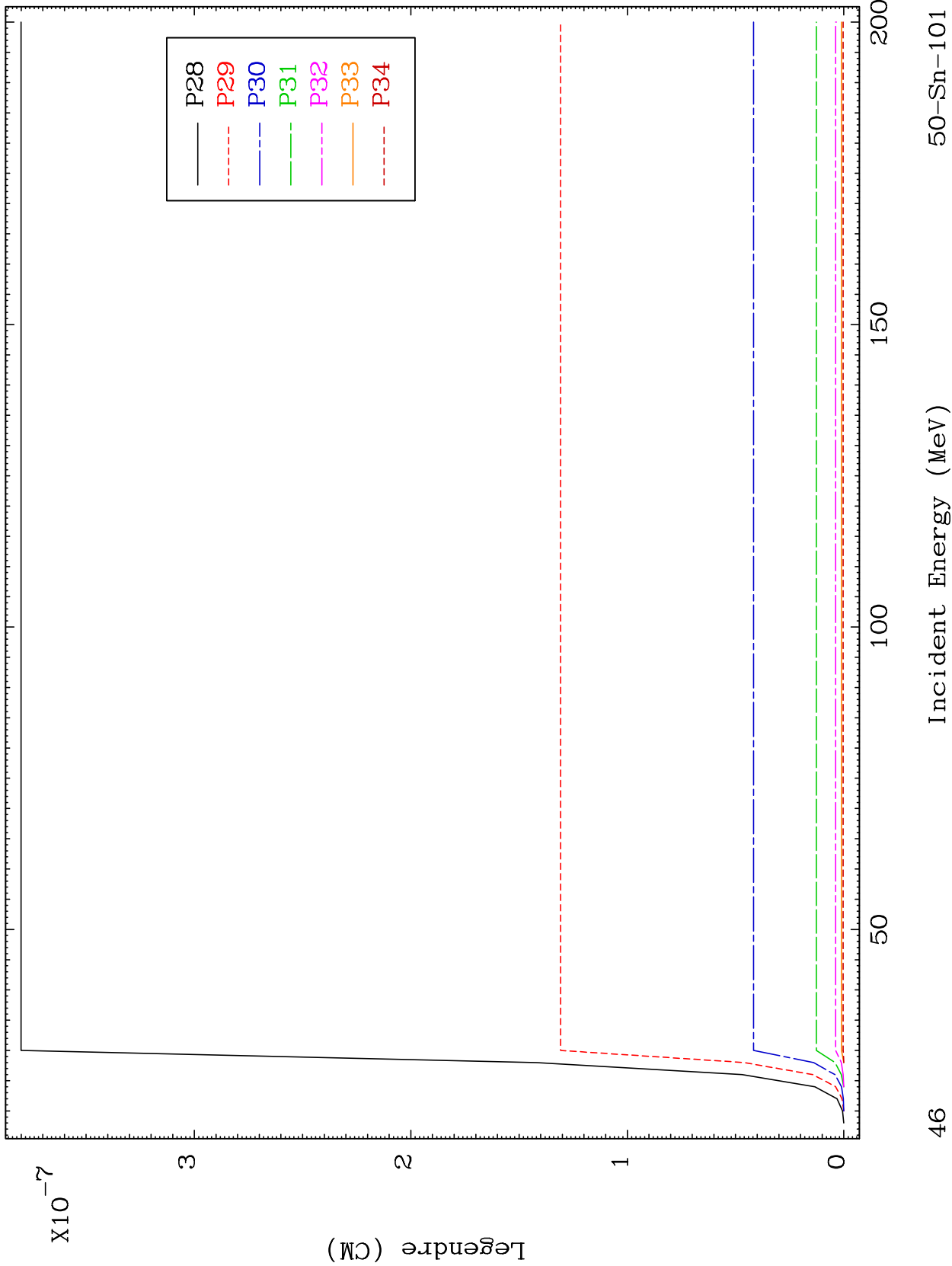
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

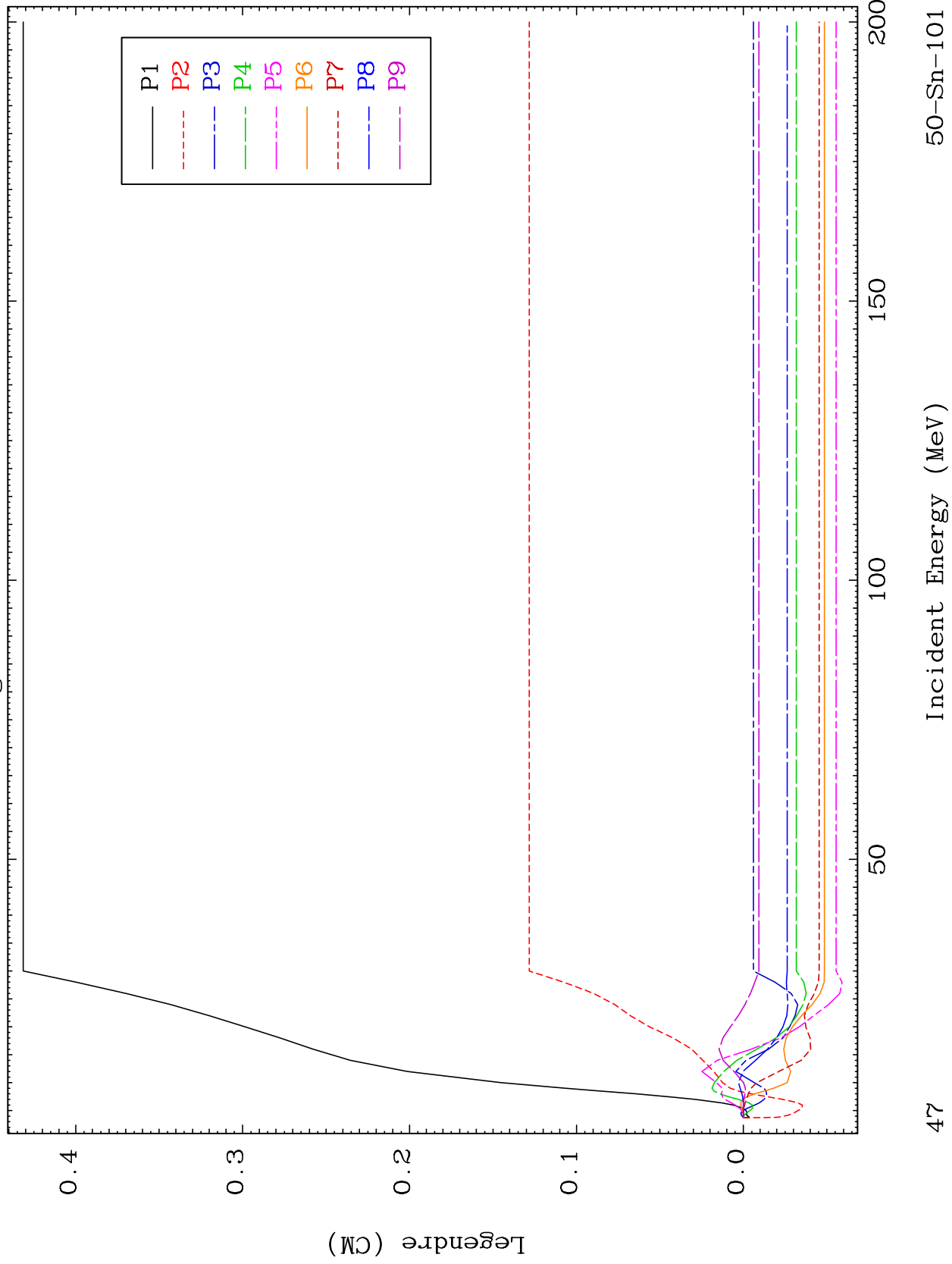
50-Sn-101



MAT 4992

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

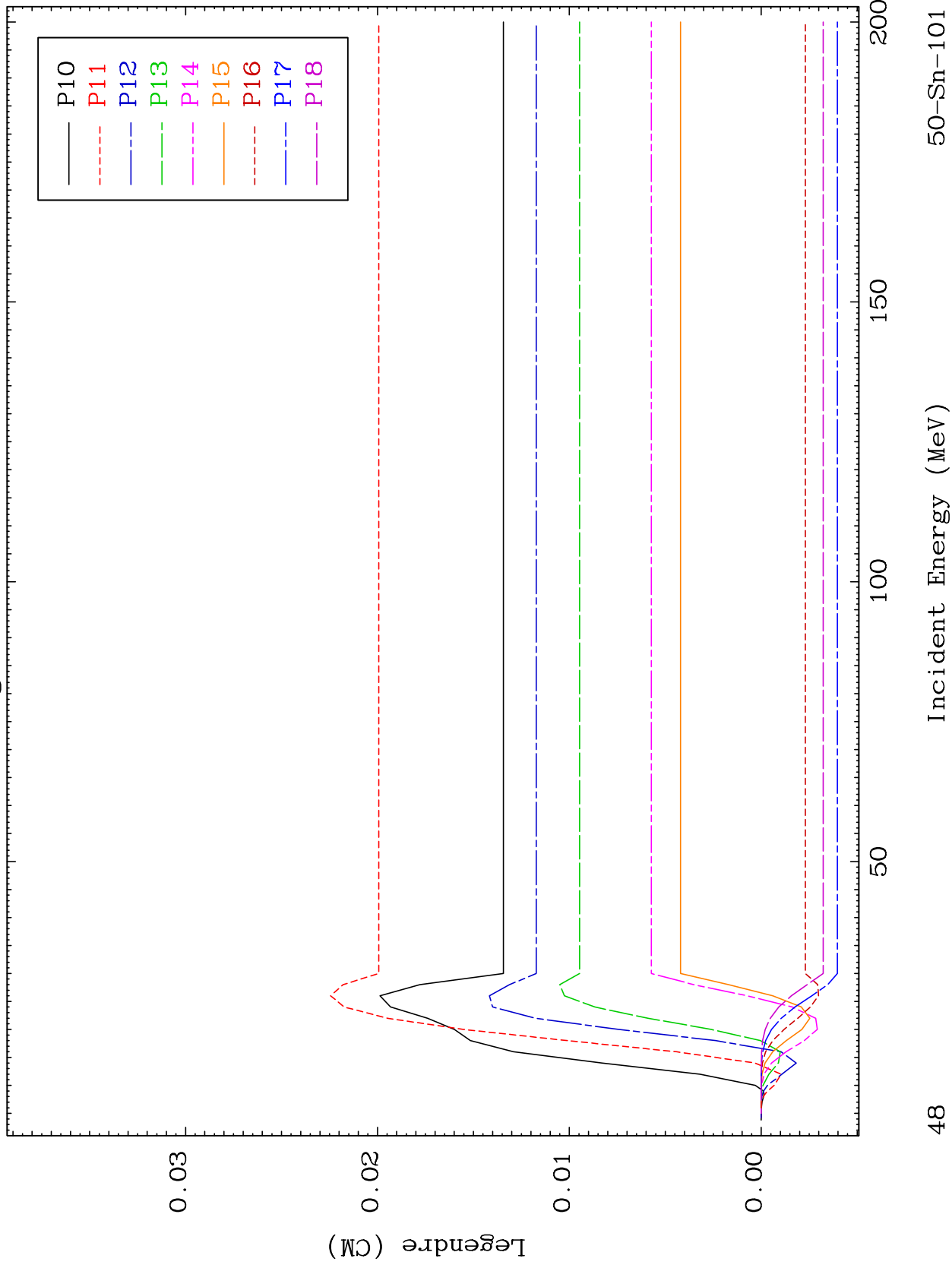
50-Sn-101



MAT 4992

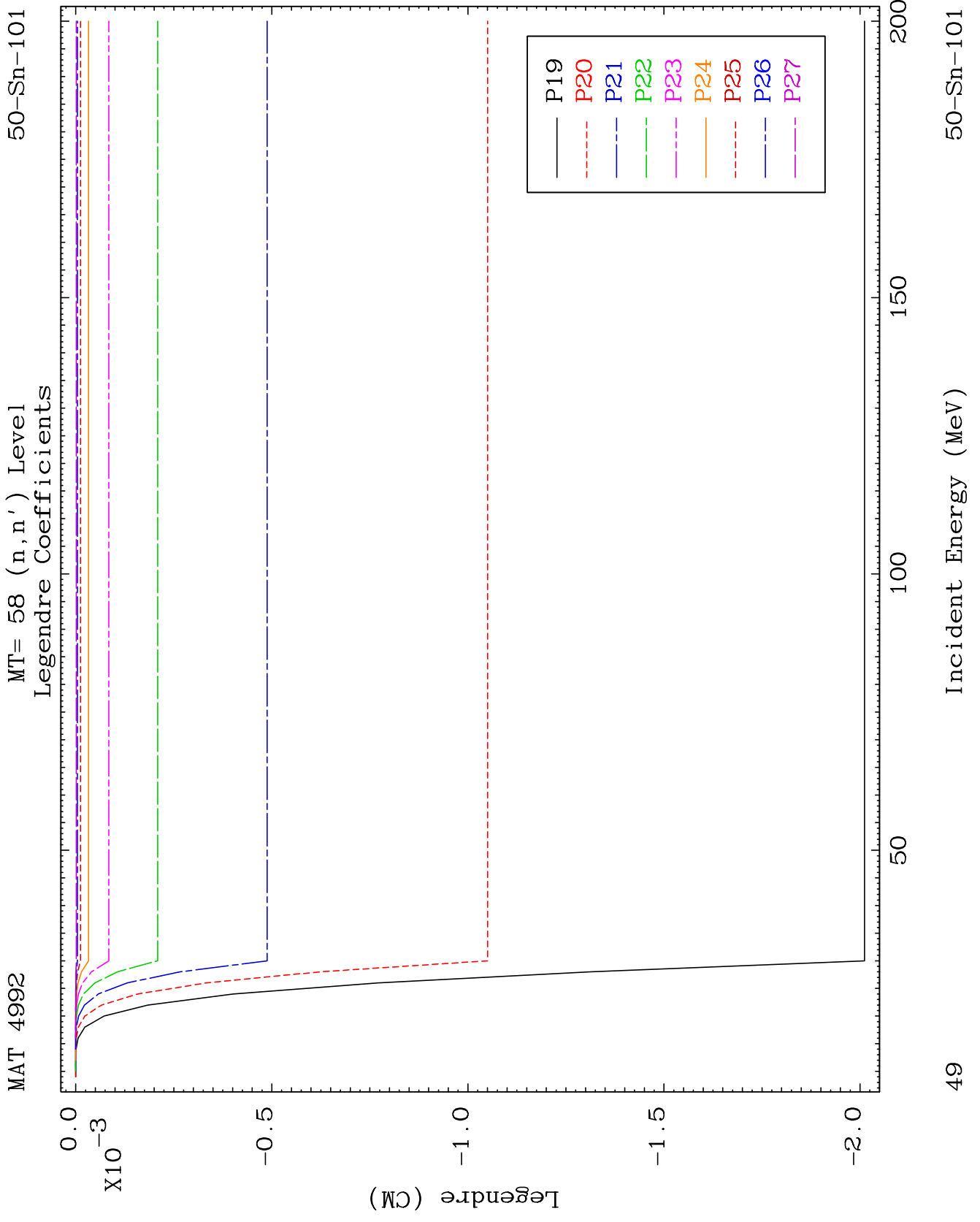
MT= 58 (n,n') Level
Legendre Coefficients

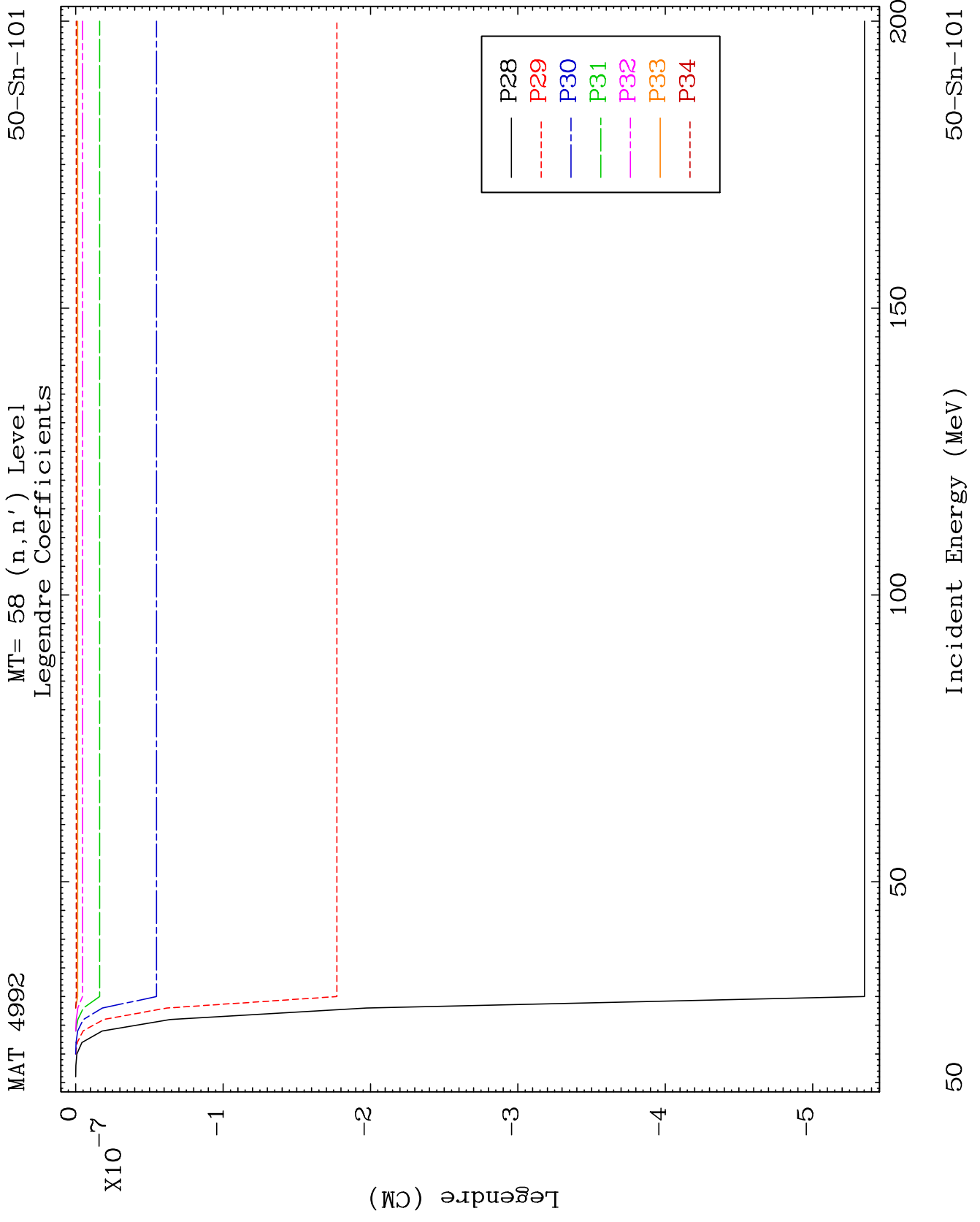
50-Sn-101



48

50-Sn-101

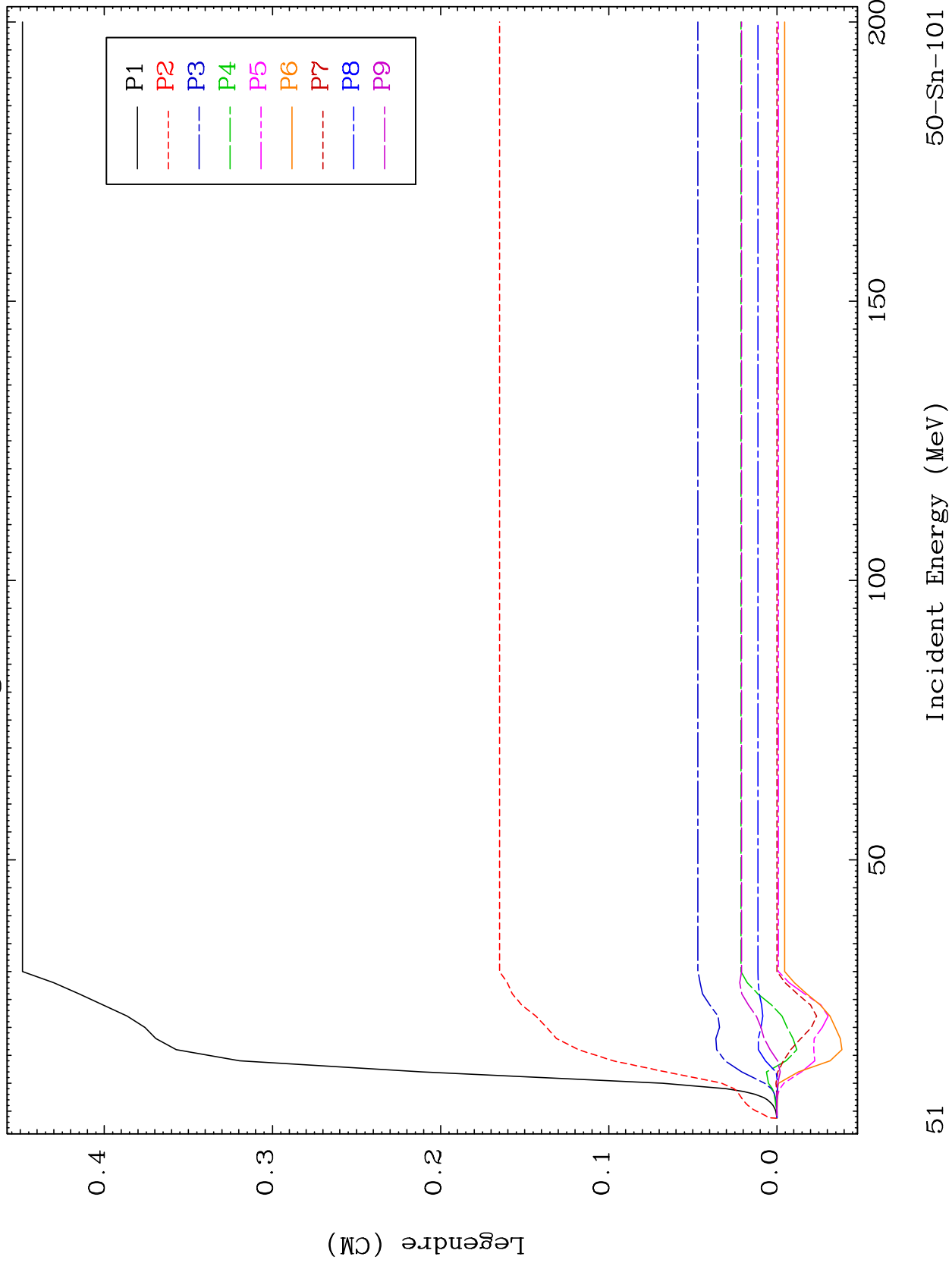




MAT 4992

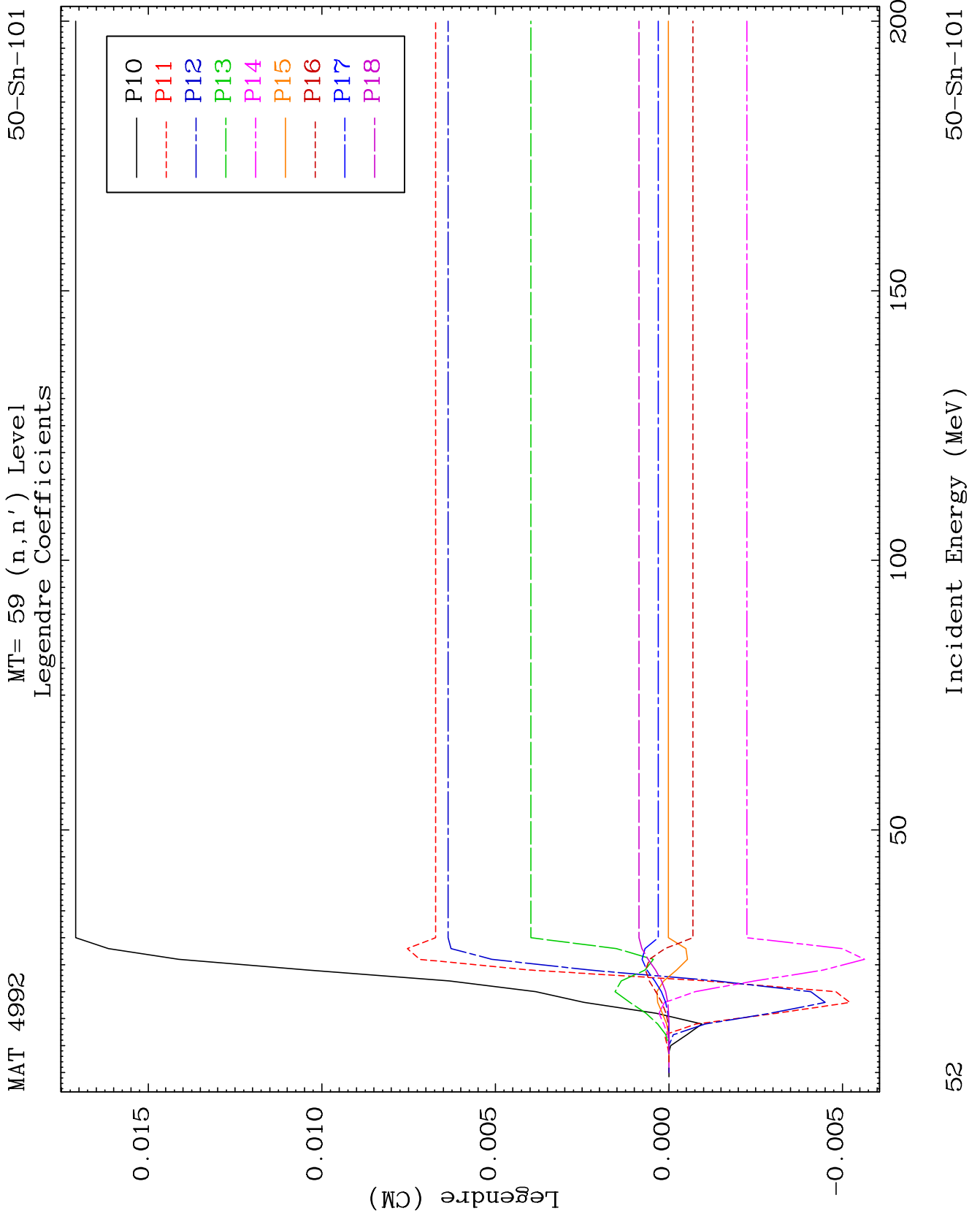
MT= 59 (n,n') Level
Legendre Coefficients

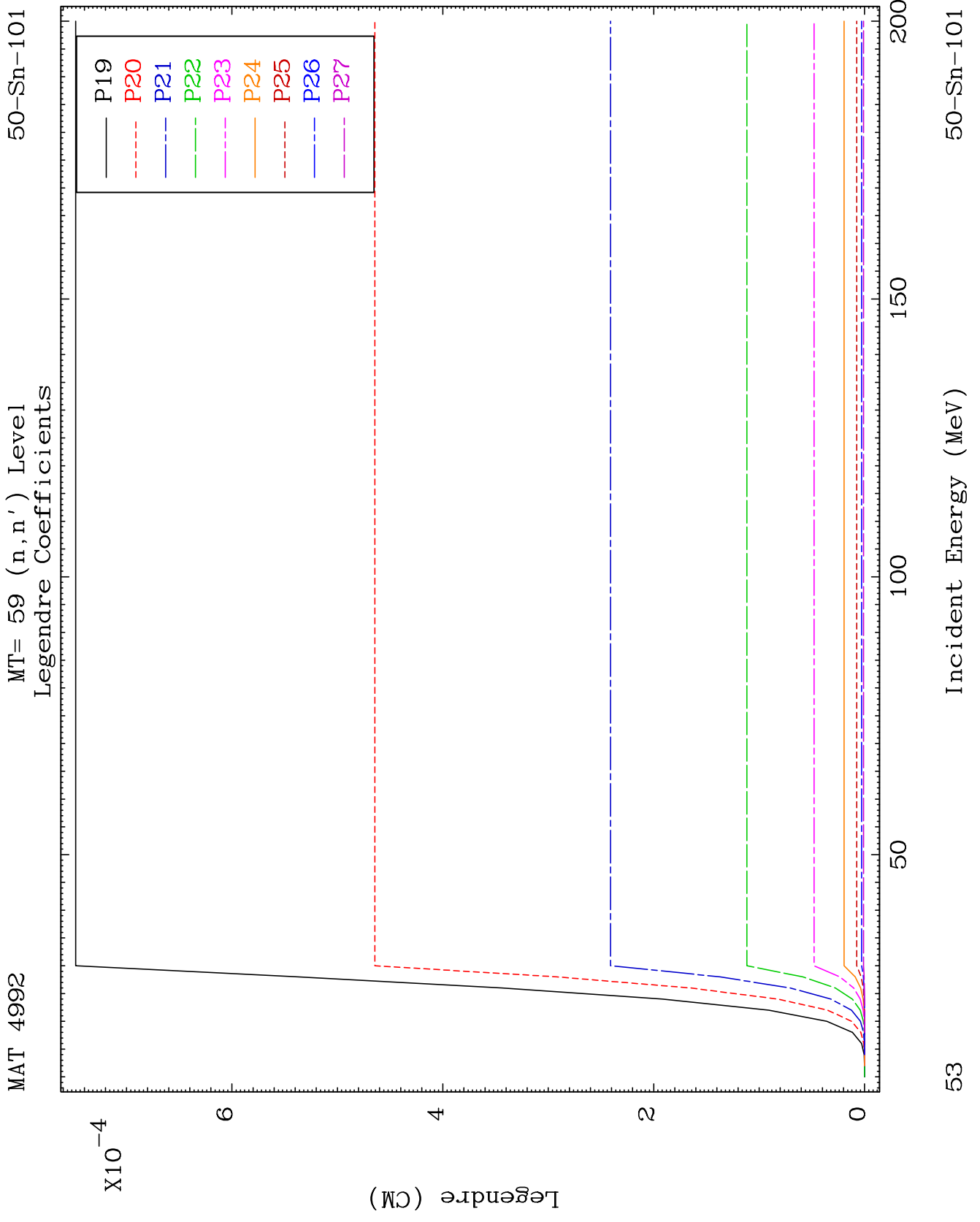
50-Sn-101



51

50-Sn-101

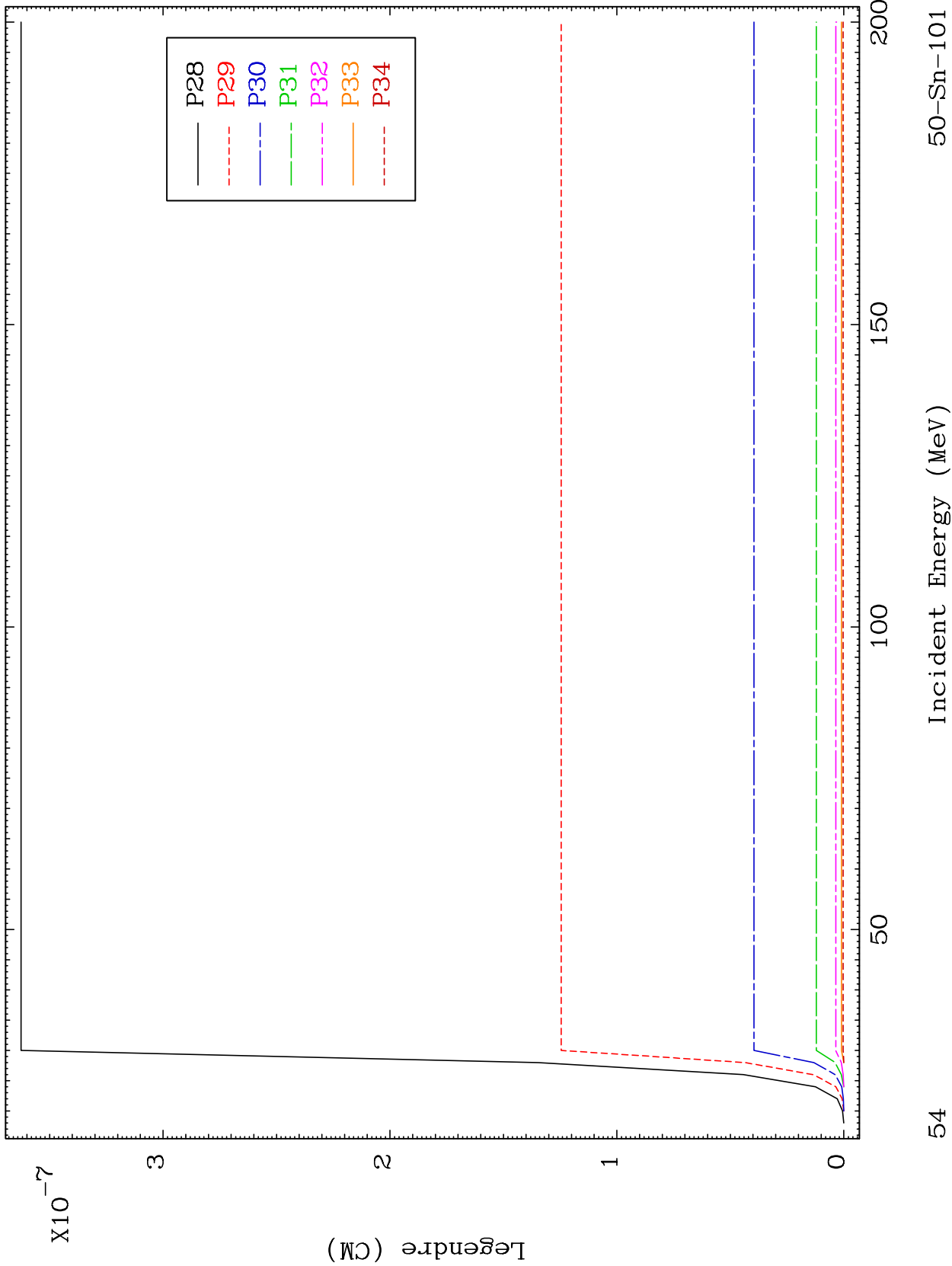




MAT 4992

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

50-Sn-101



54

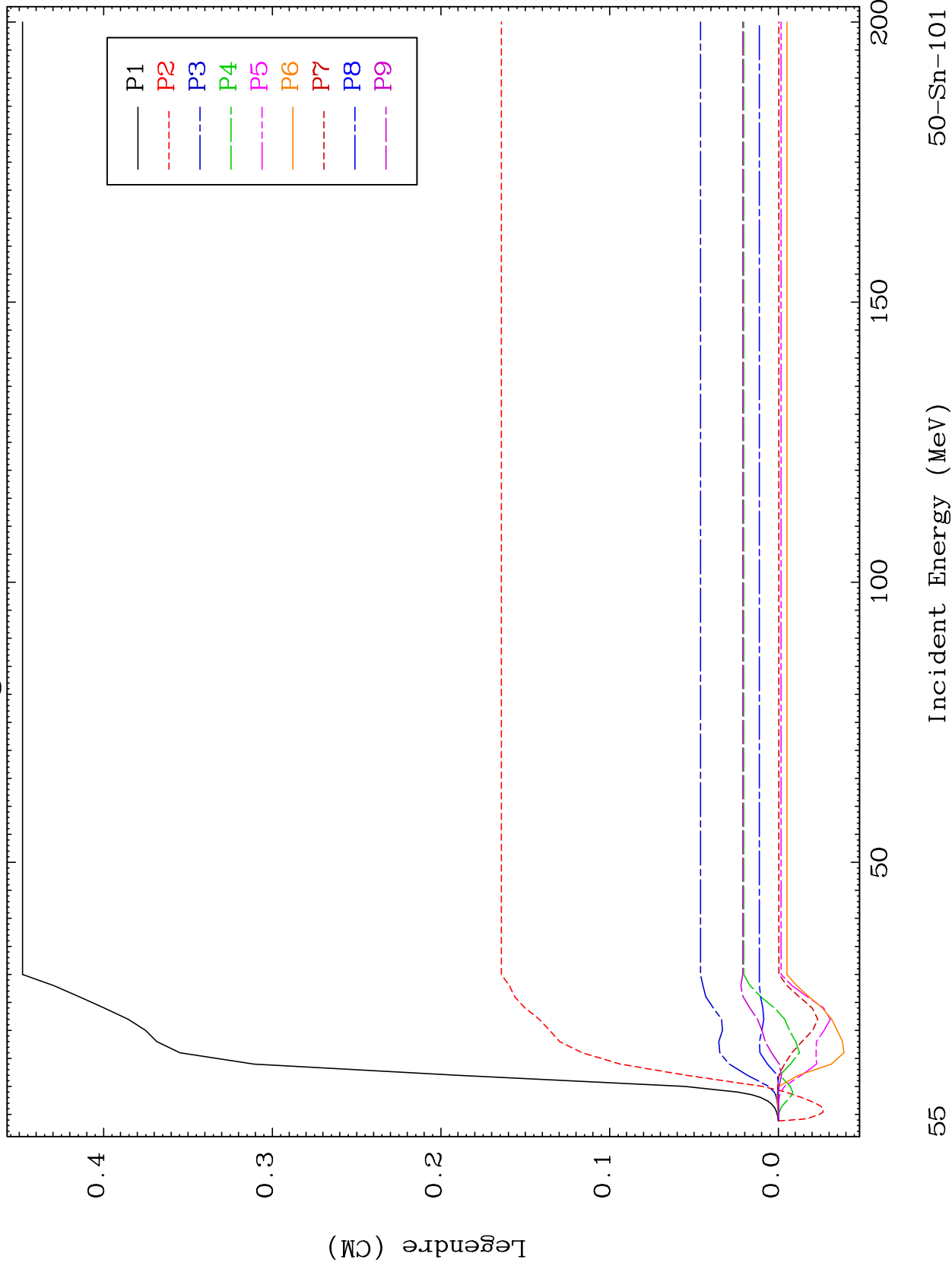
Incident Energy (MeV)

50-Sn-101

MAT 4992

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

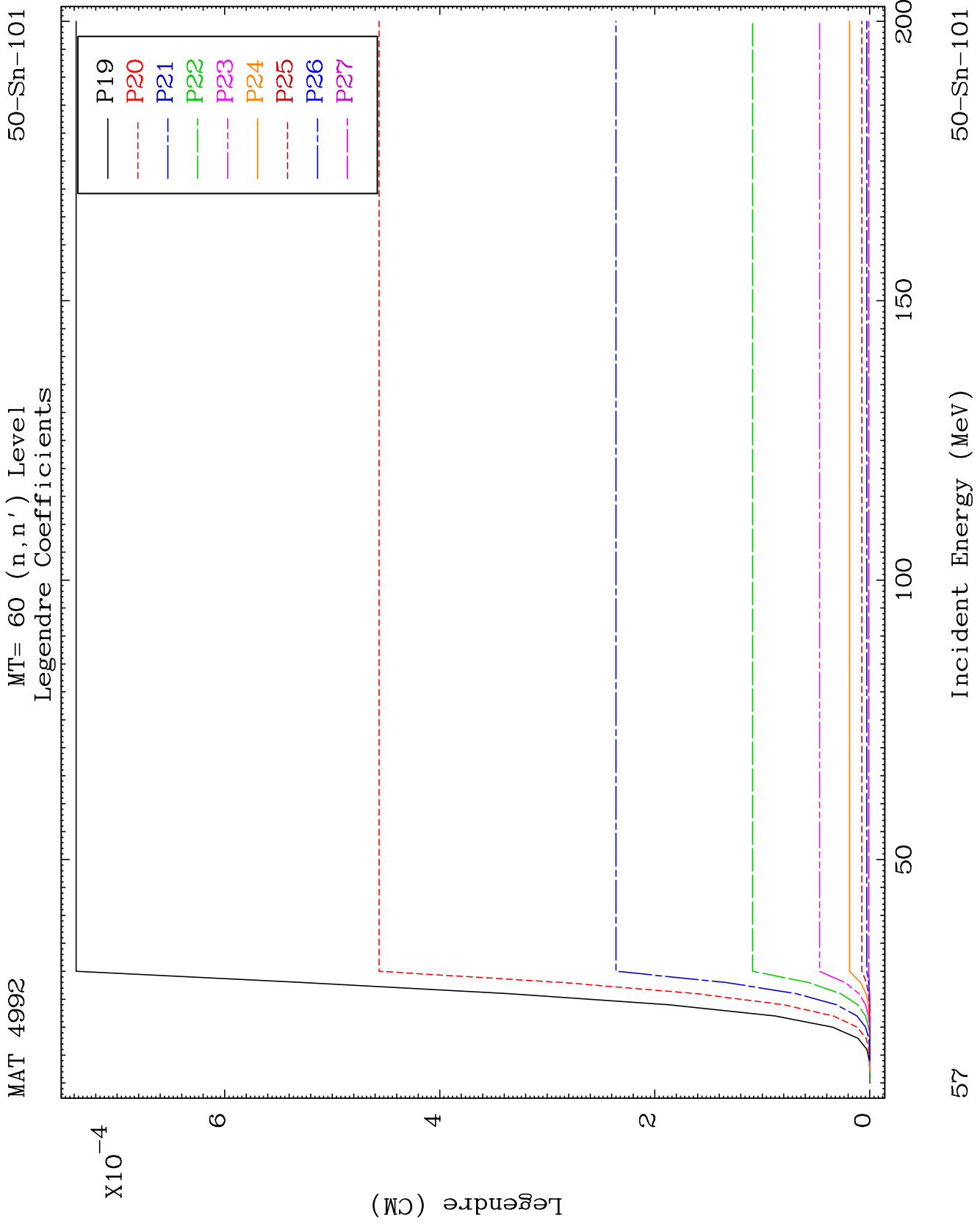
50-Sn-101



55

Incident Energy (MeV)

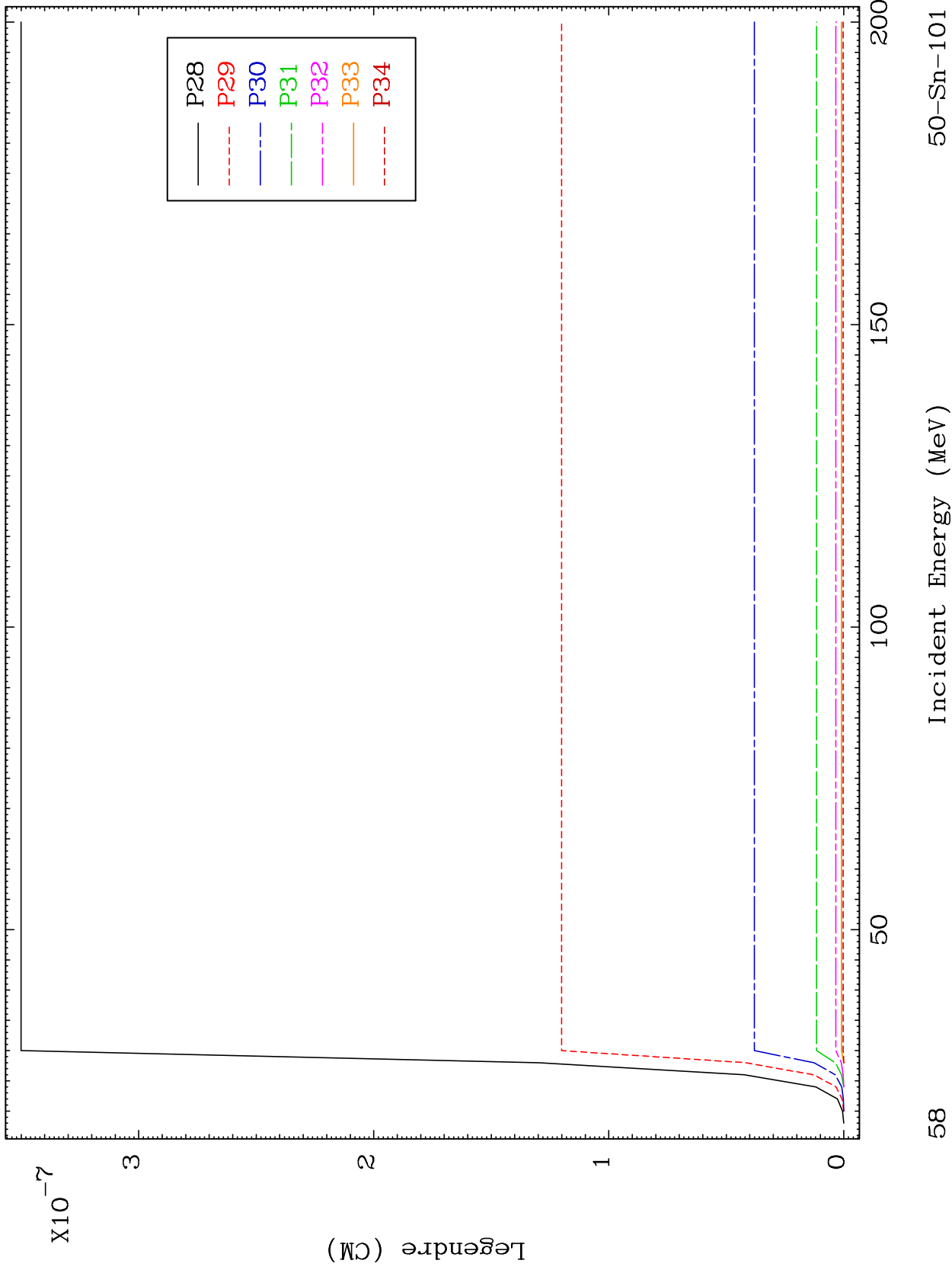
50-Sn-101

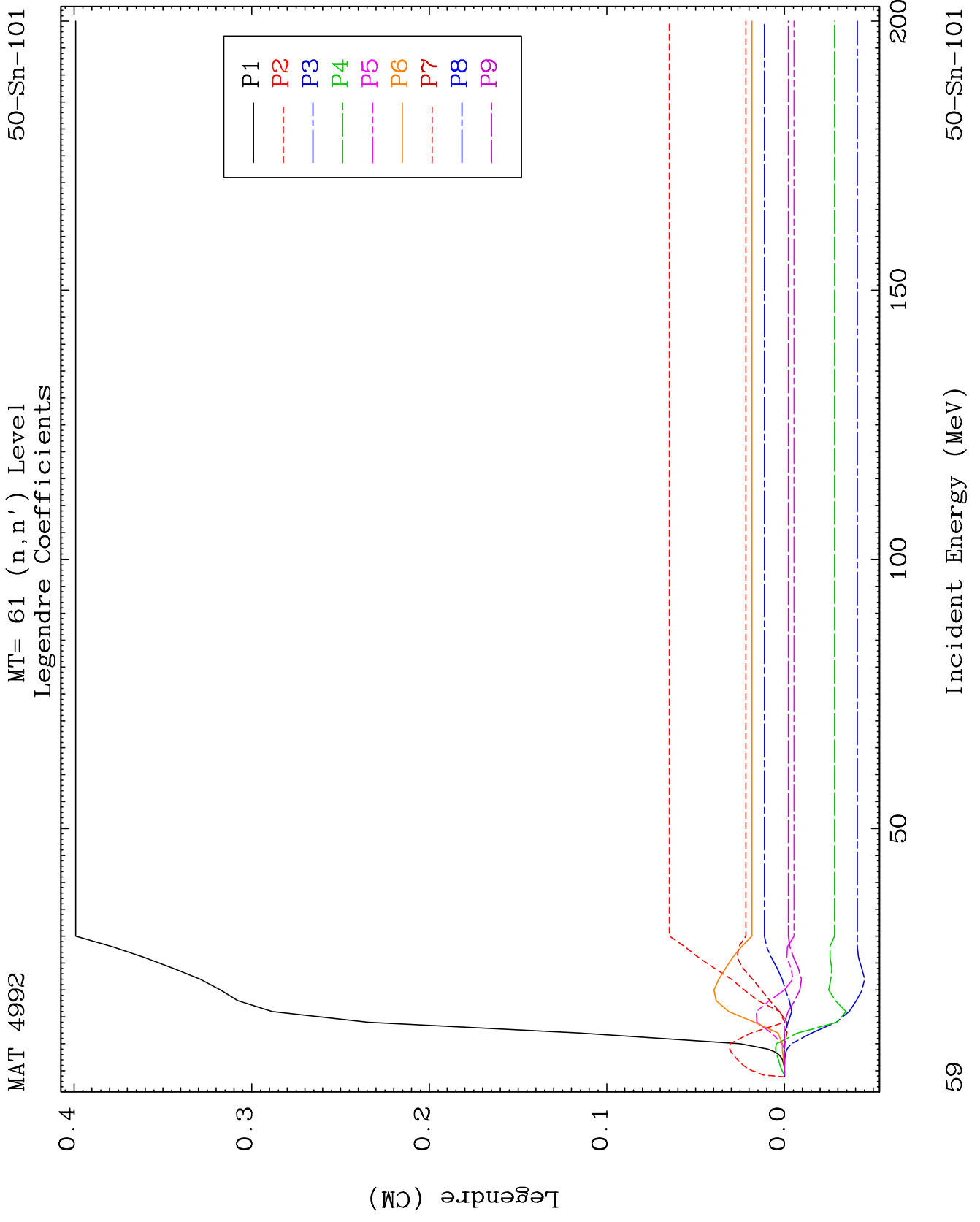


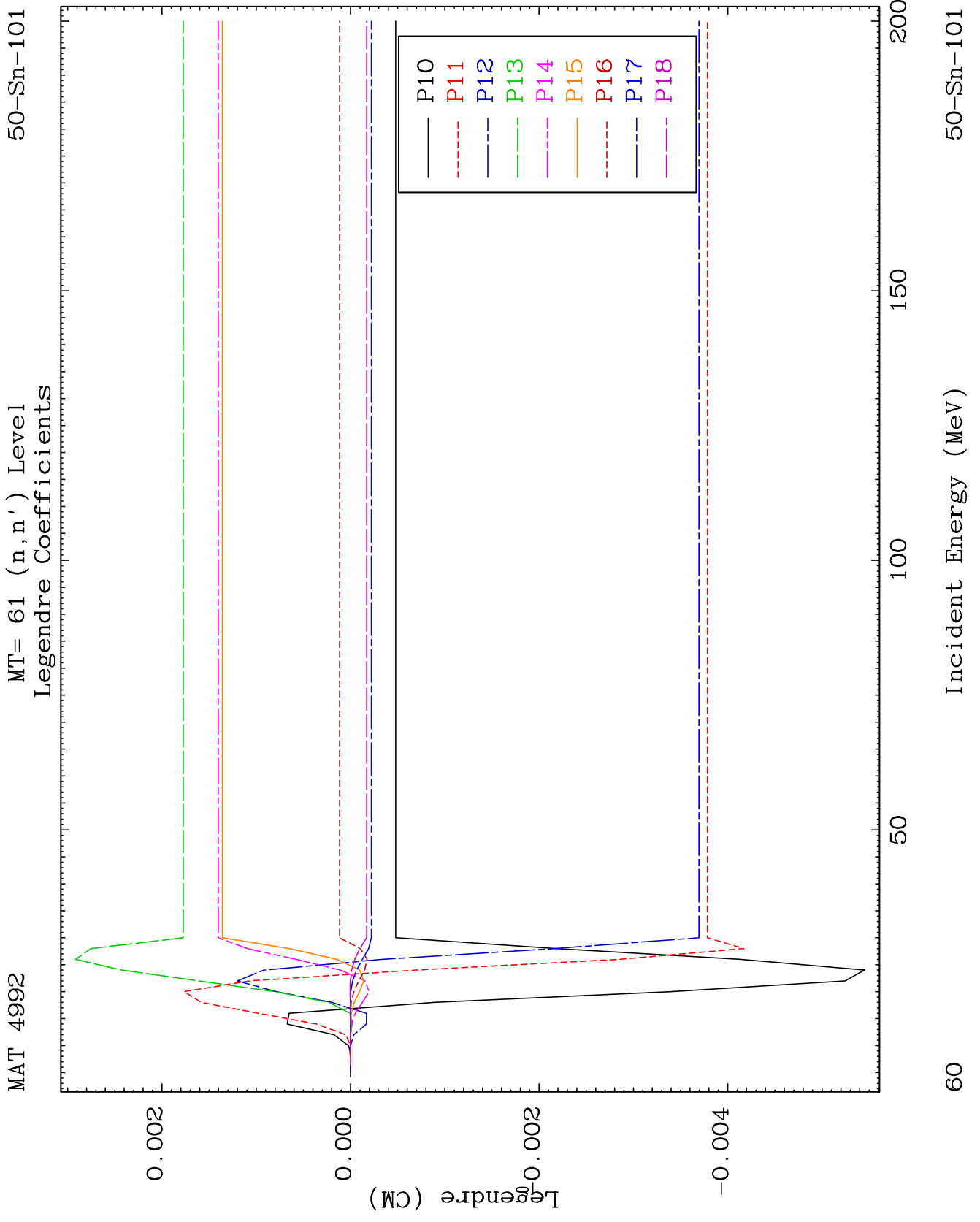
MAT 4992

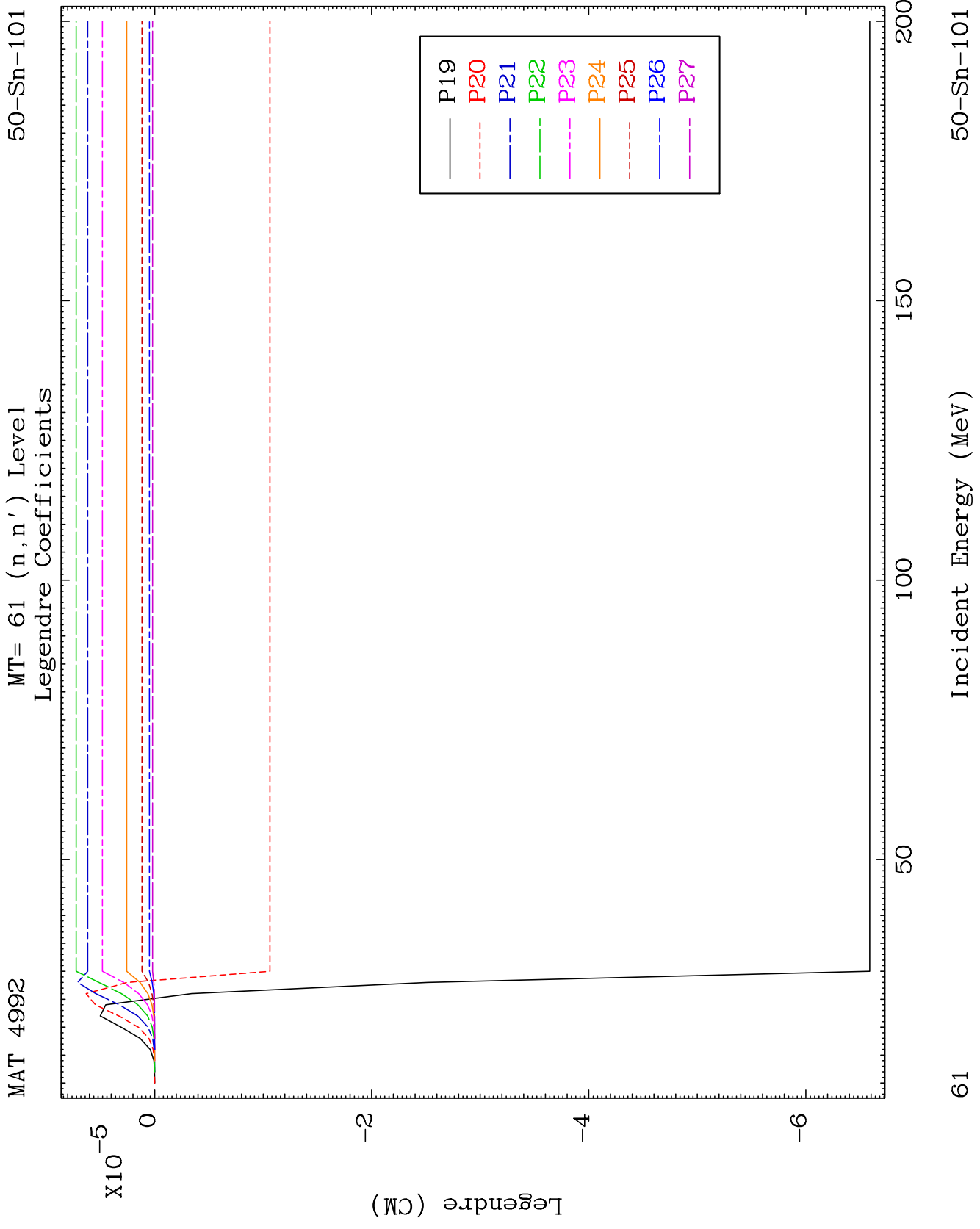
MT= 60 (n,n') Level
Legendre Coefficients

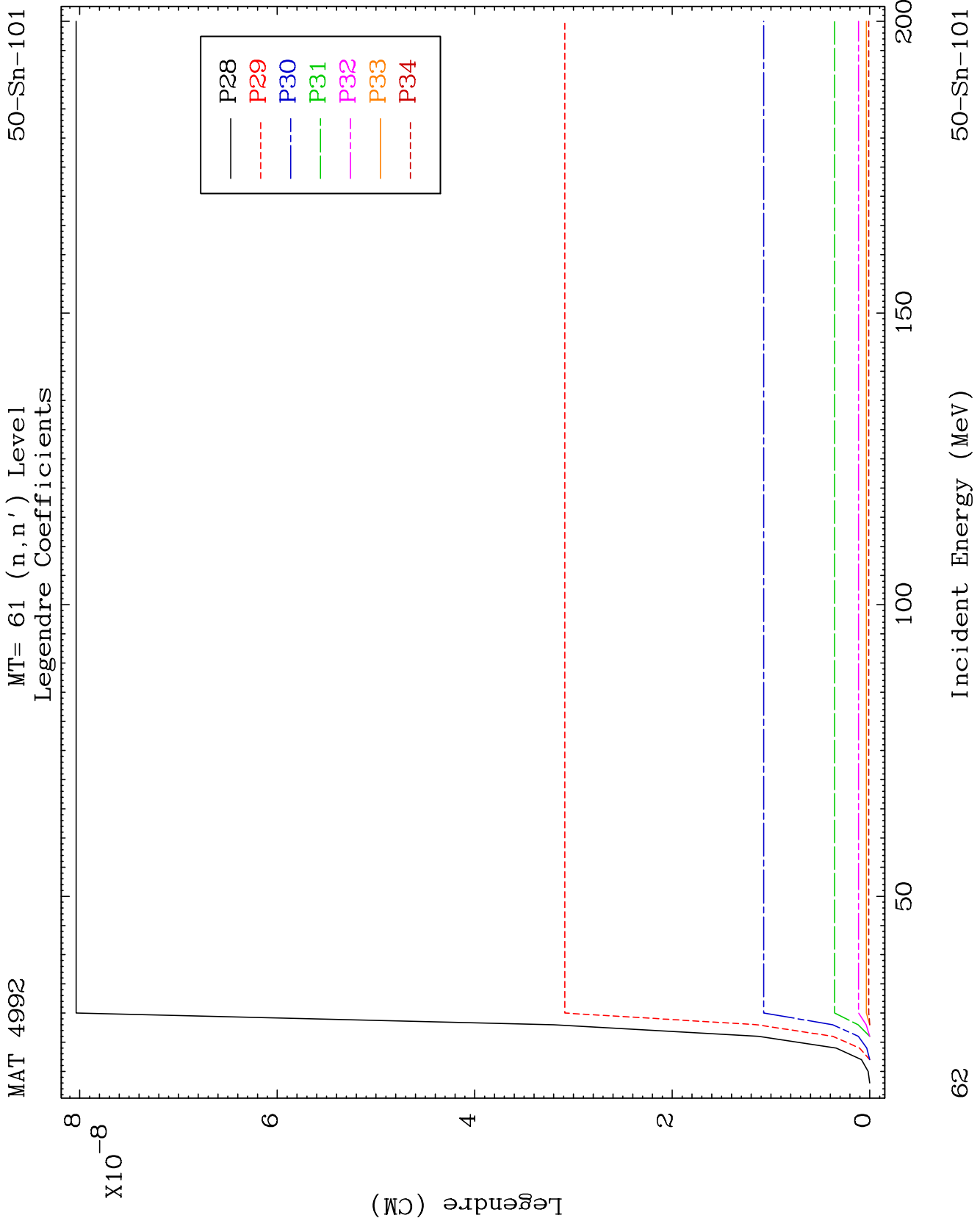
50-Sn-101



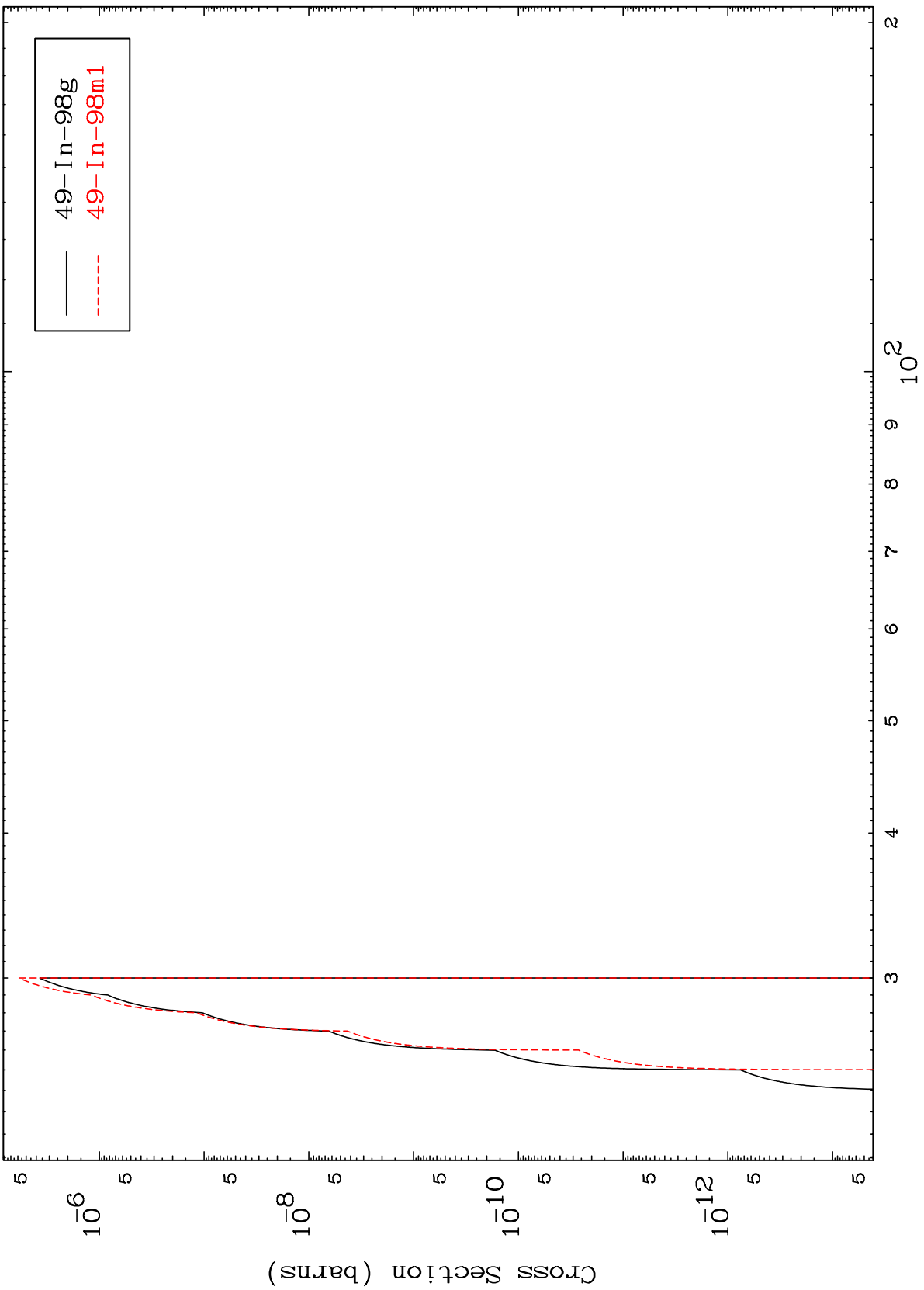








Radionuclide Production Cross Section

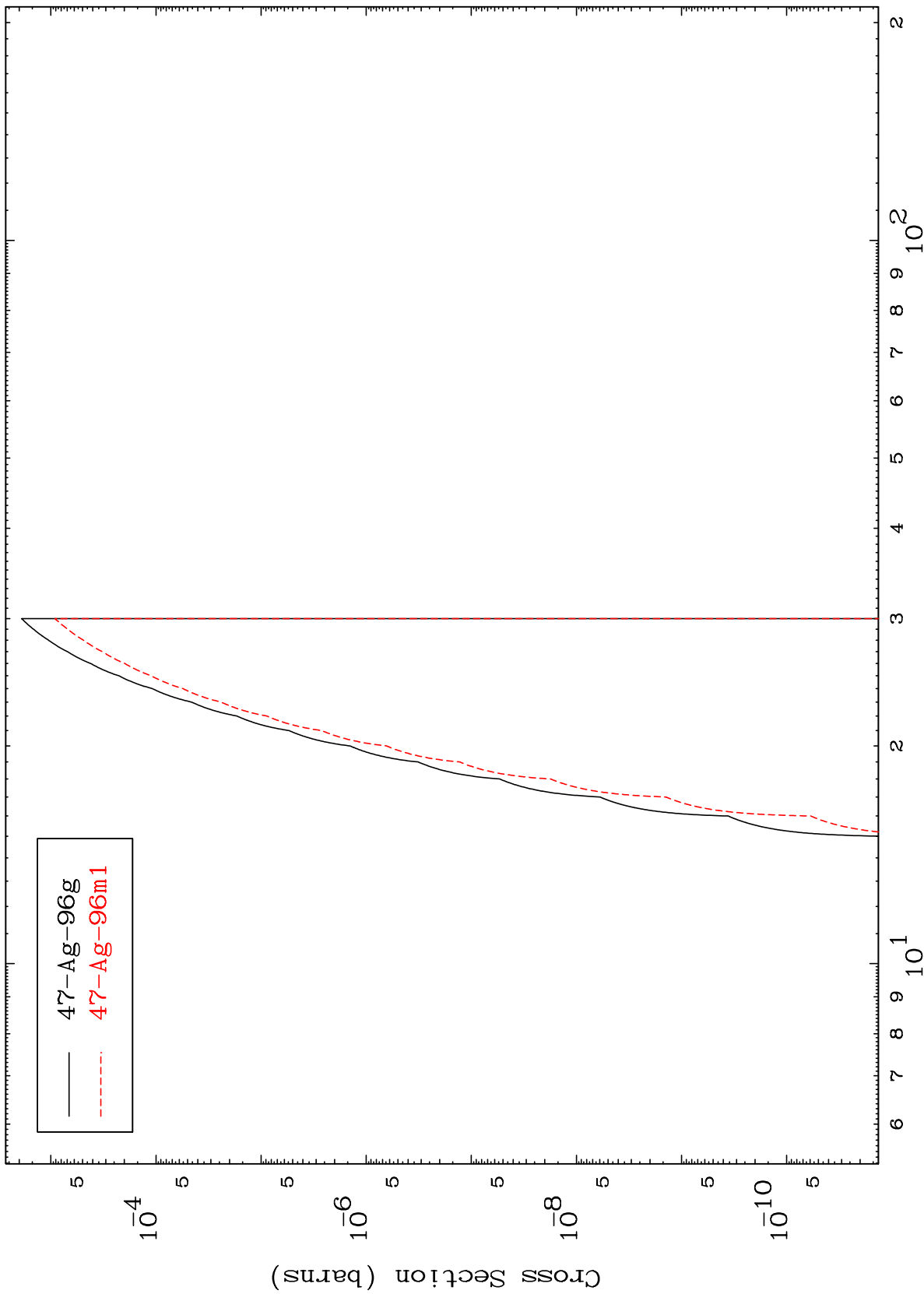


49-In-98g
49-In-98m1

MAT 4992

50-Sn-101

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



64

Incident Energy (MeV)

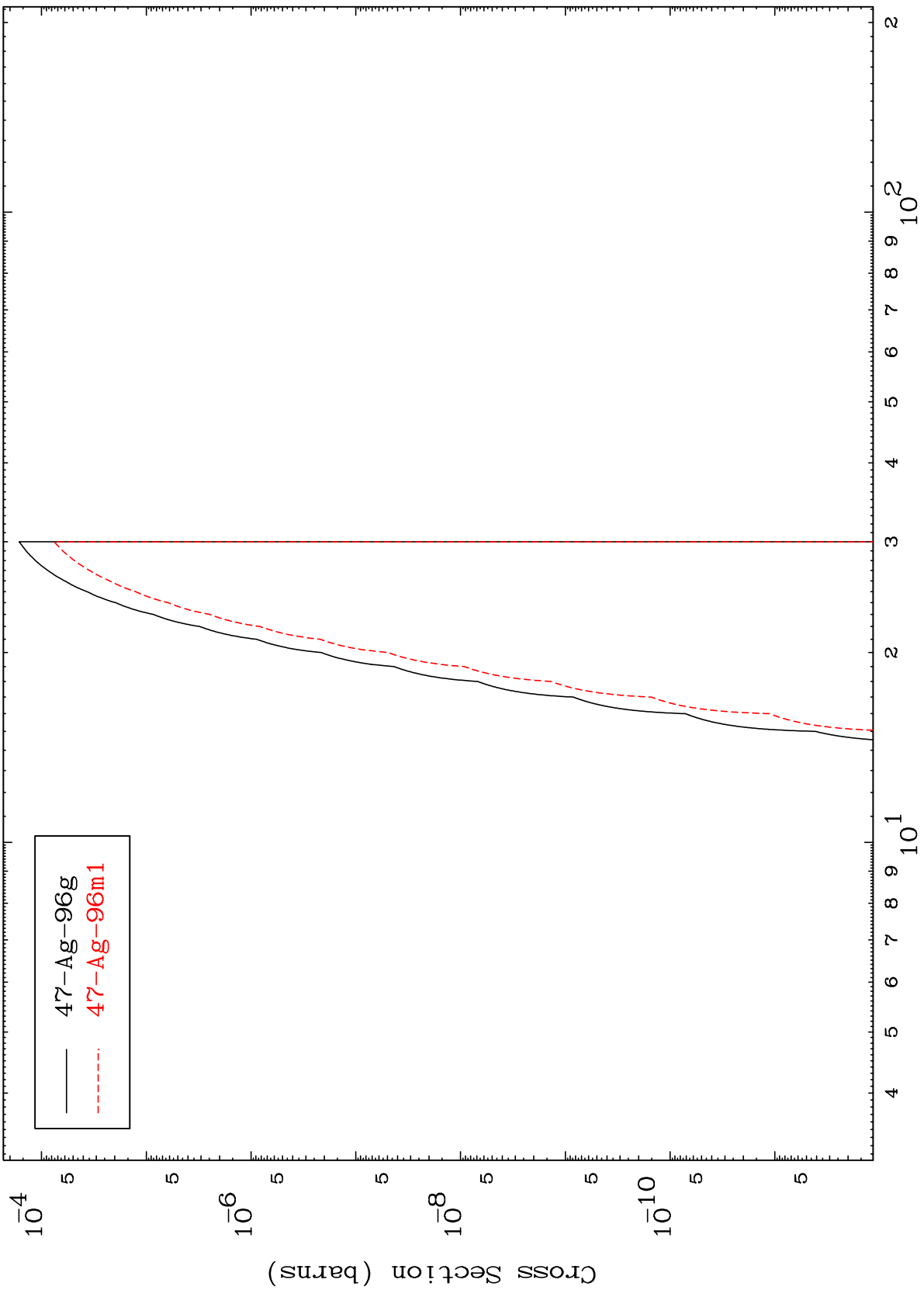
50-Sn-101

MAT 4992

(n,d) α

50-Sn-101

Radionuclide Production Cross Section



65

Incident Energy (MeV)

50-Sn-101