

Program EVALPLOT
(Version 2017-1)

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

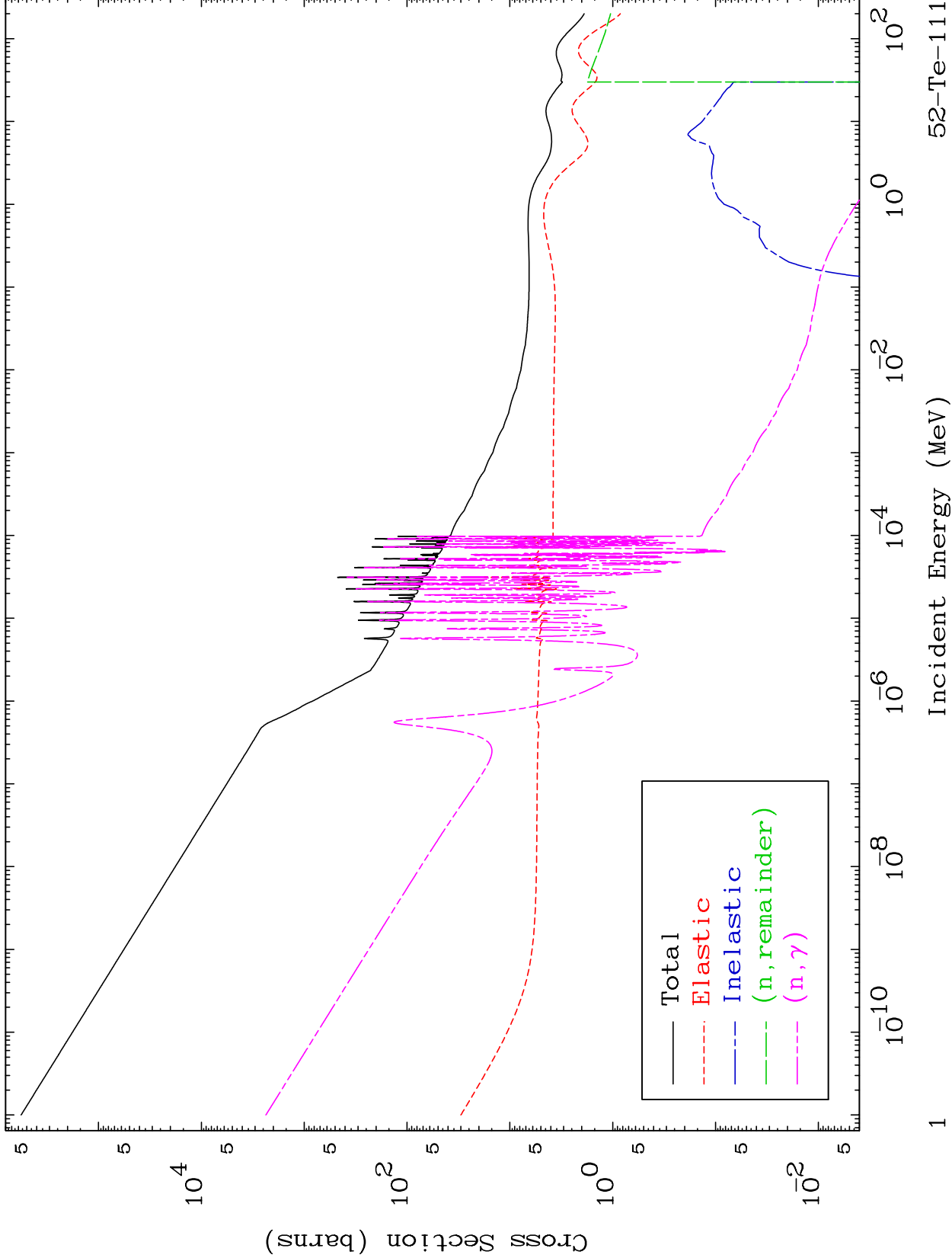
Press Mouse Button to Start

MAT 5198

Major

293 Kelvin Cross Sections

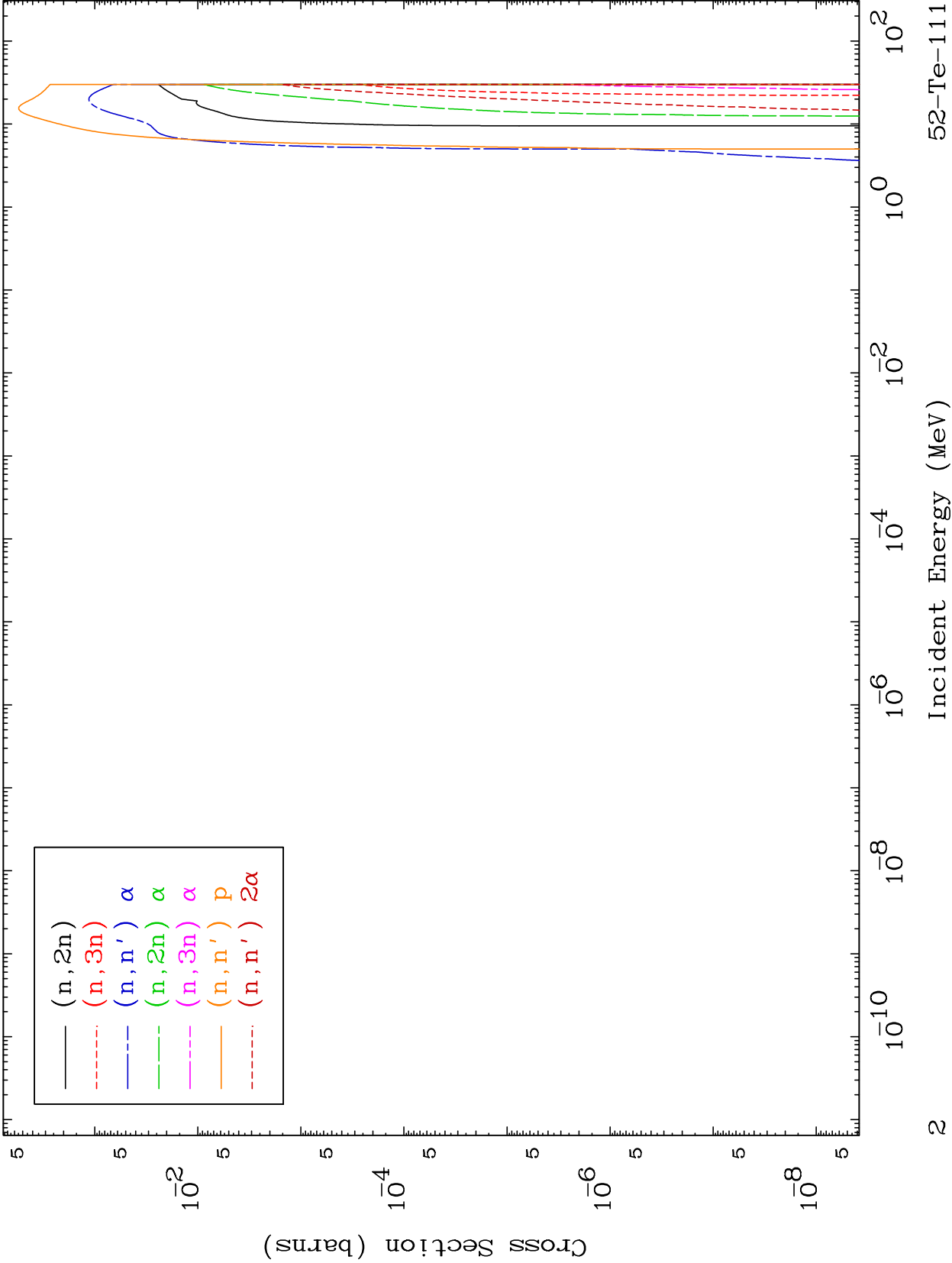
52-Te-111

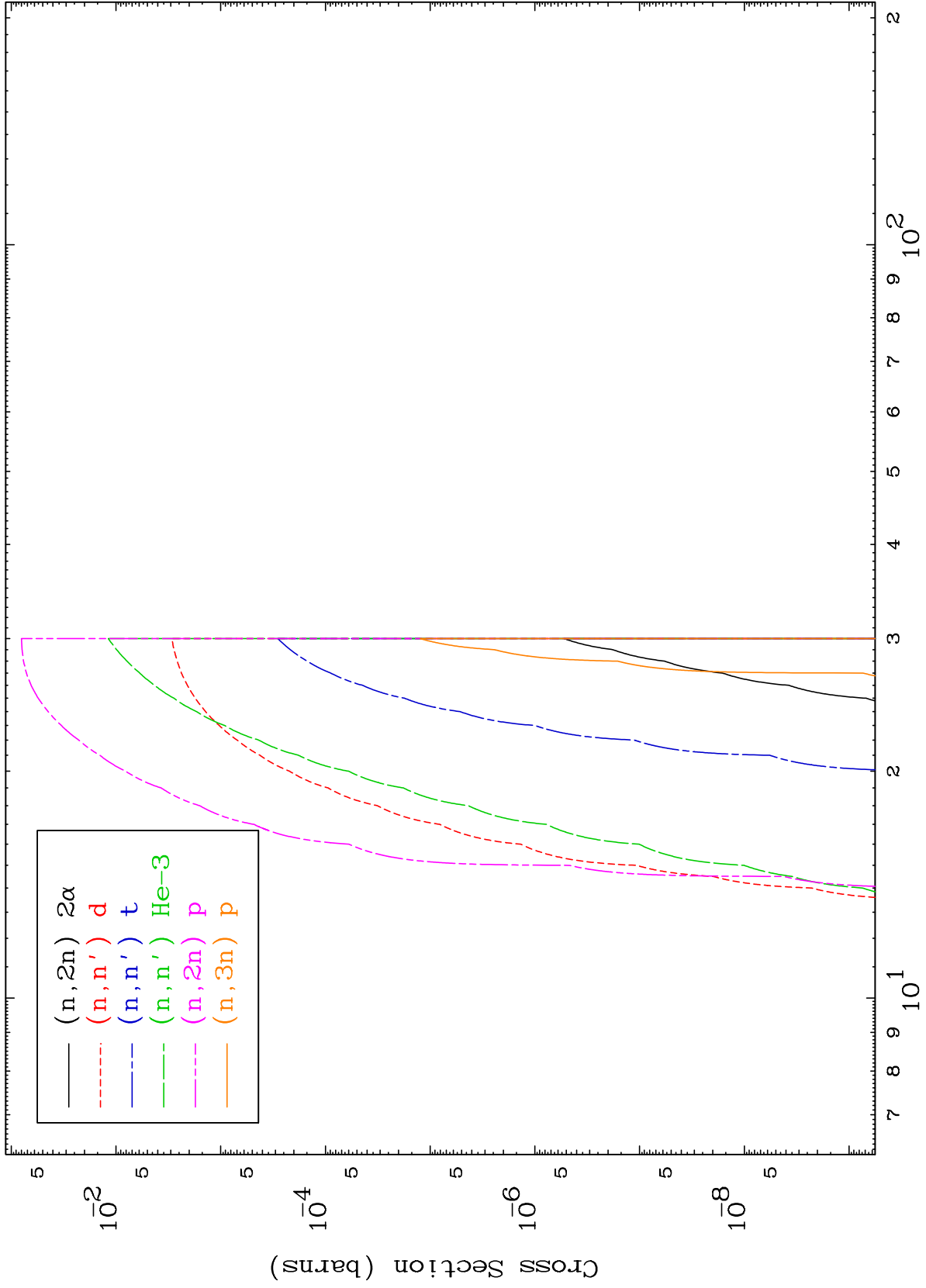


MAT 5198

Neutron Production
293 Kelvin Cross Sections

52-Te-111

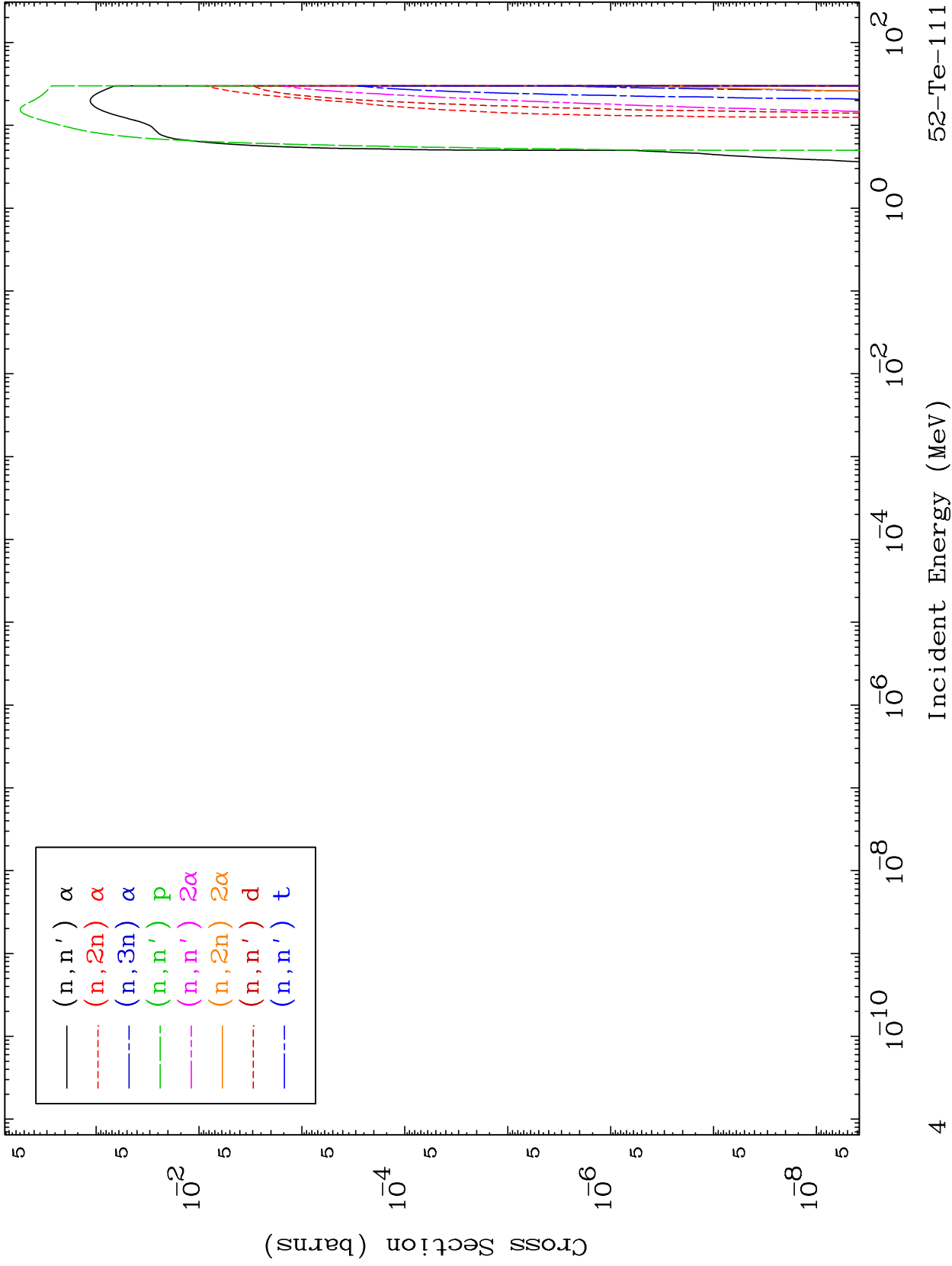




MAT 5198

Charged Particle
293 Kelvin Cross Sections

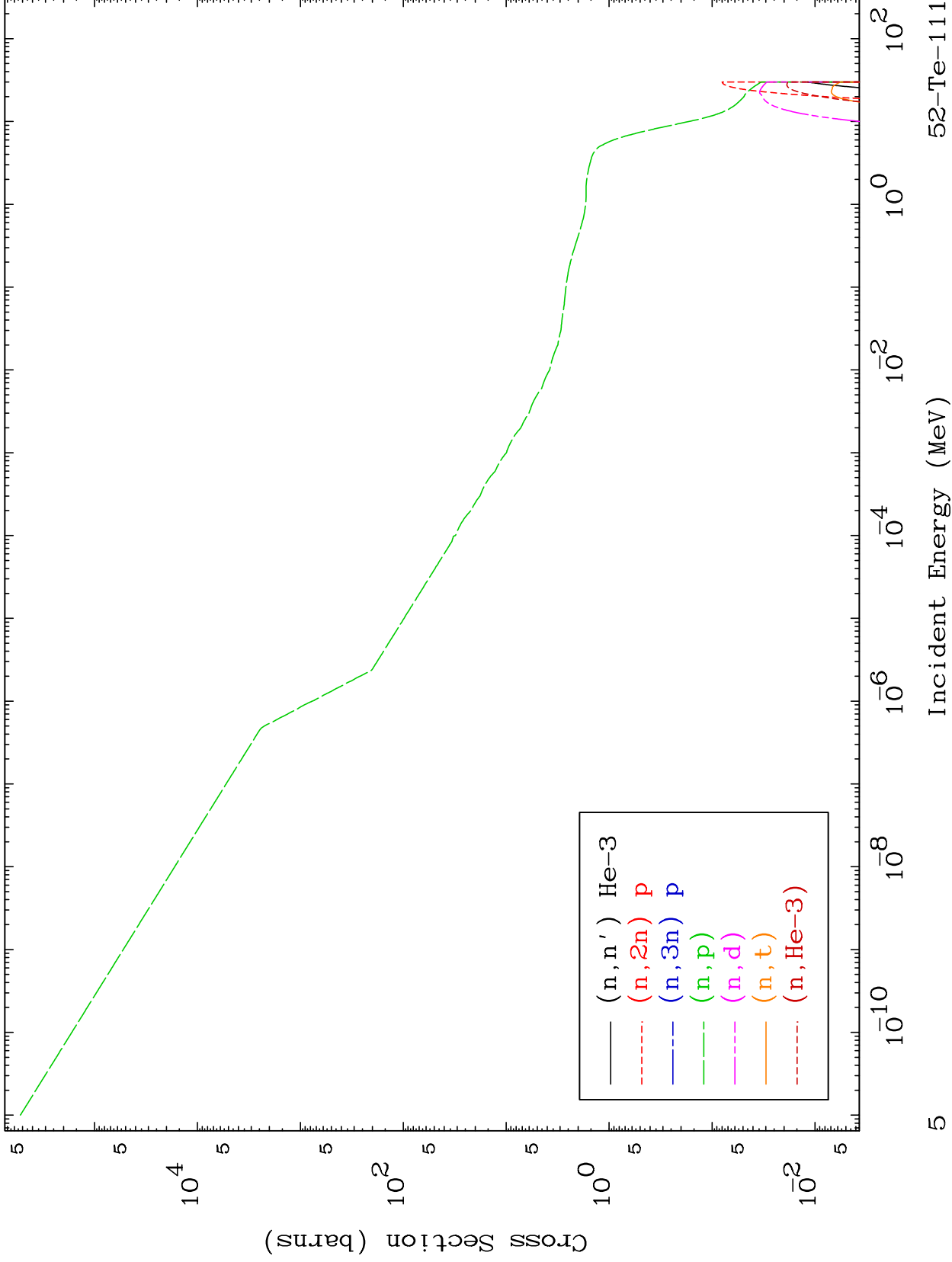
52-Te-111

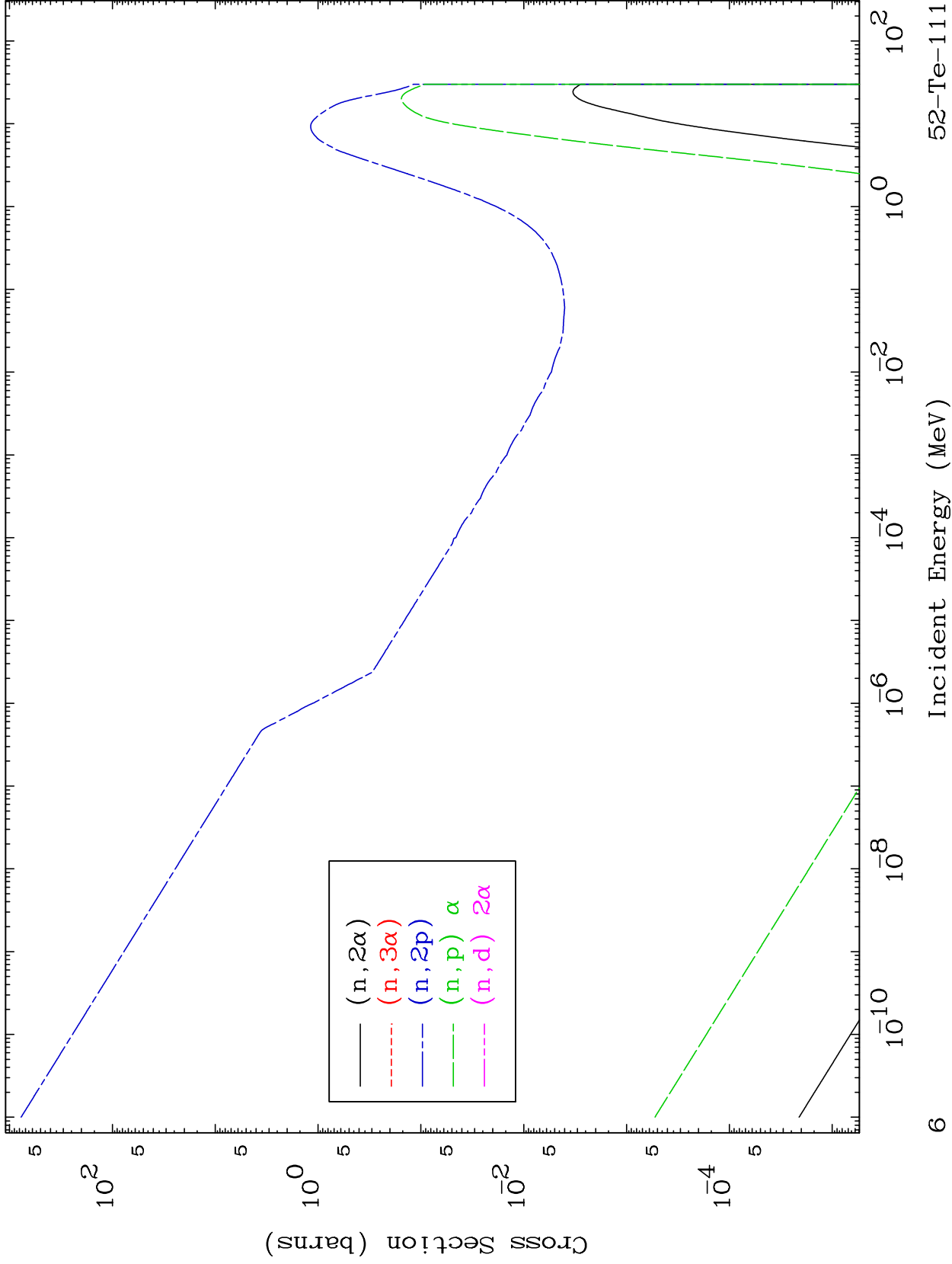


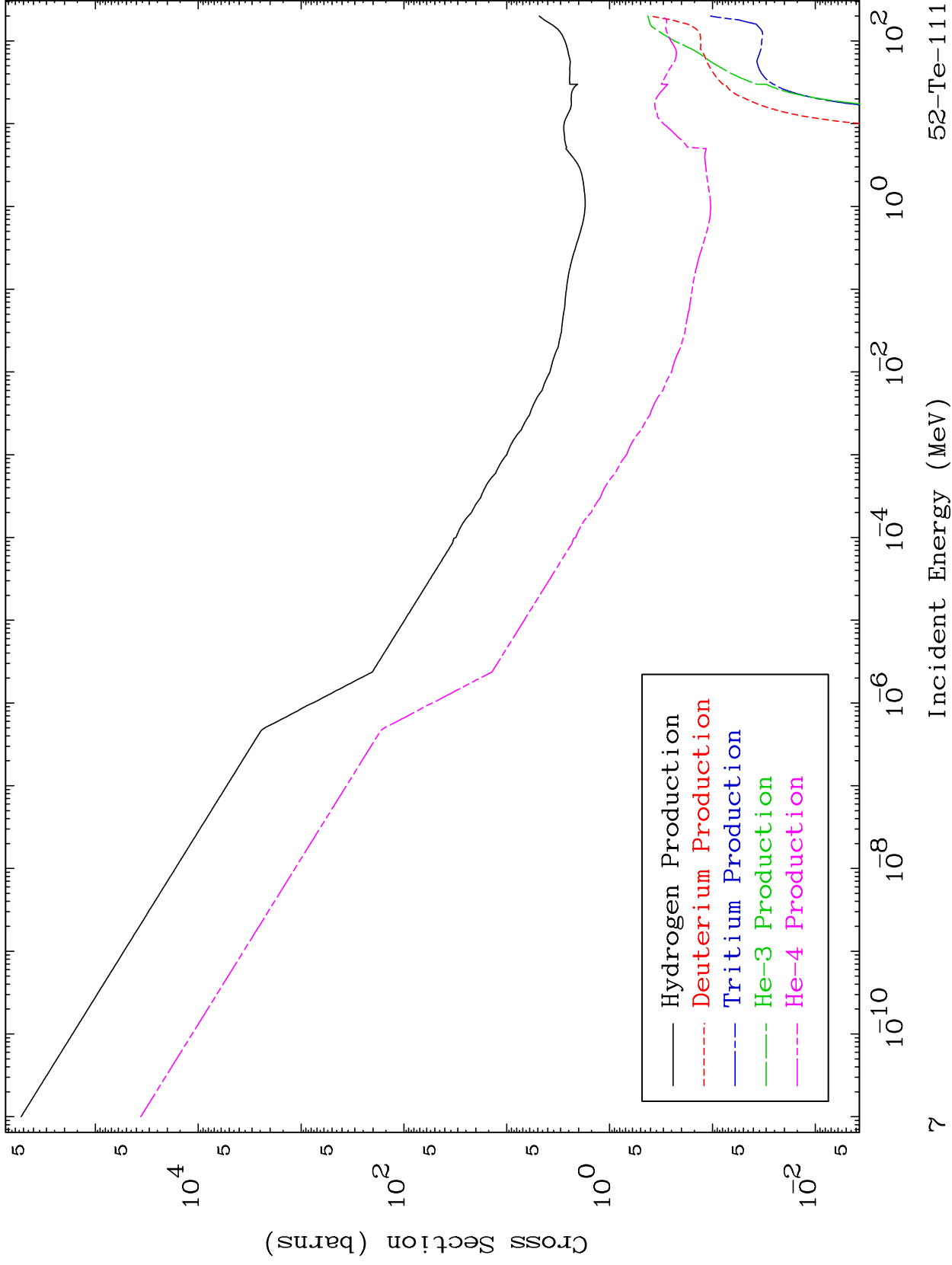
MAT 5198

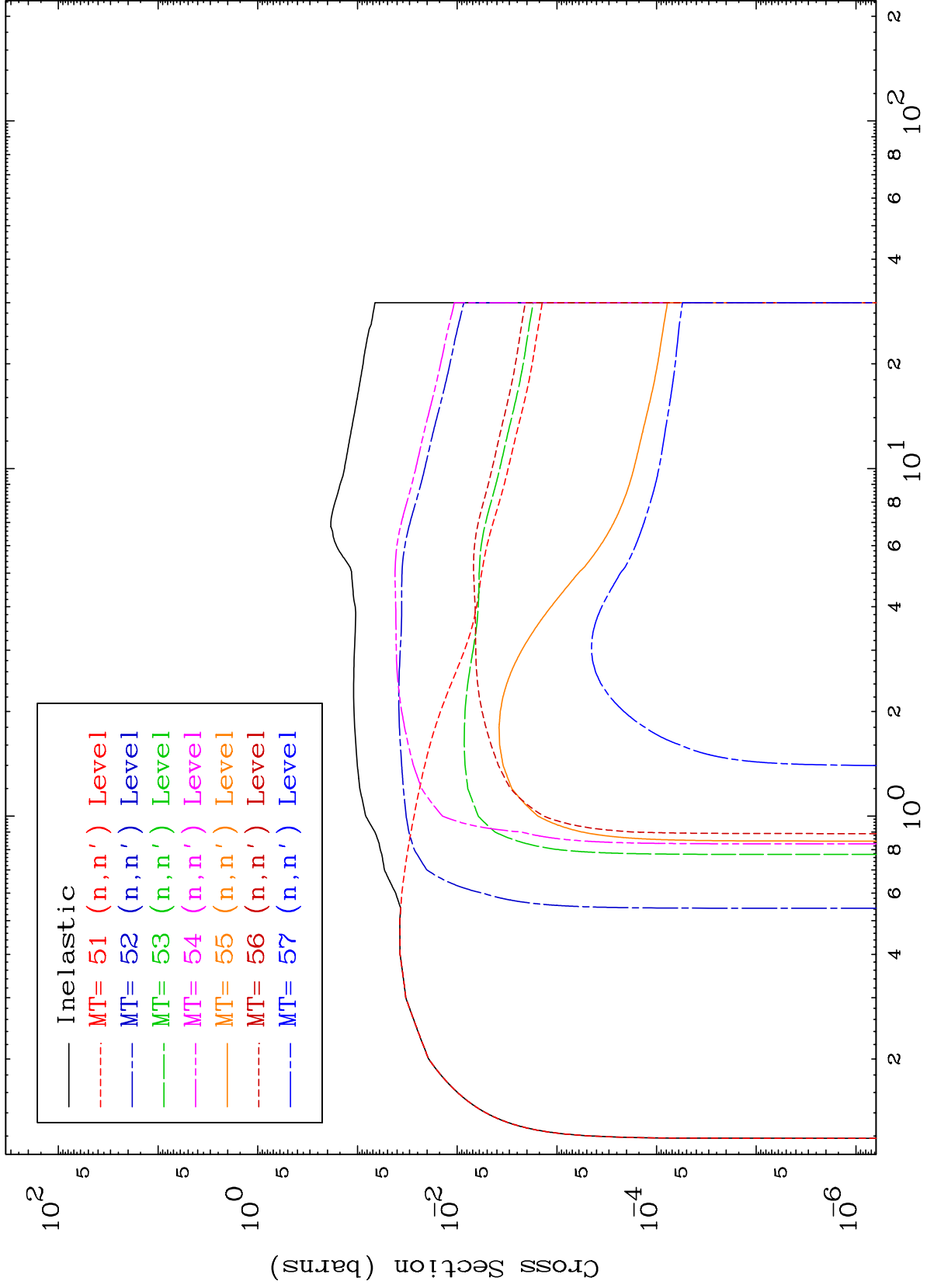
Charged Particle
293 Kelvin Cross Sections

52-Te-111







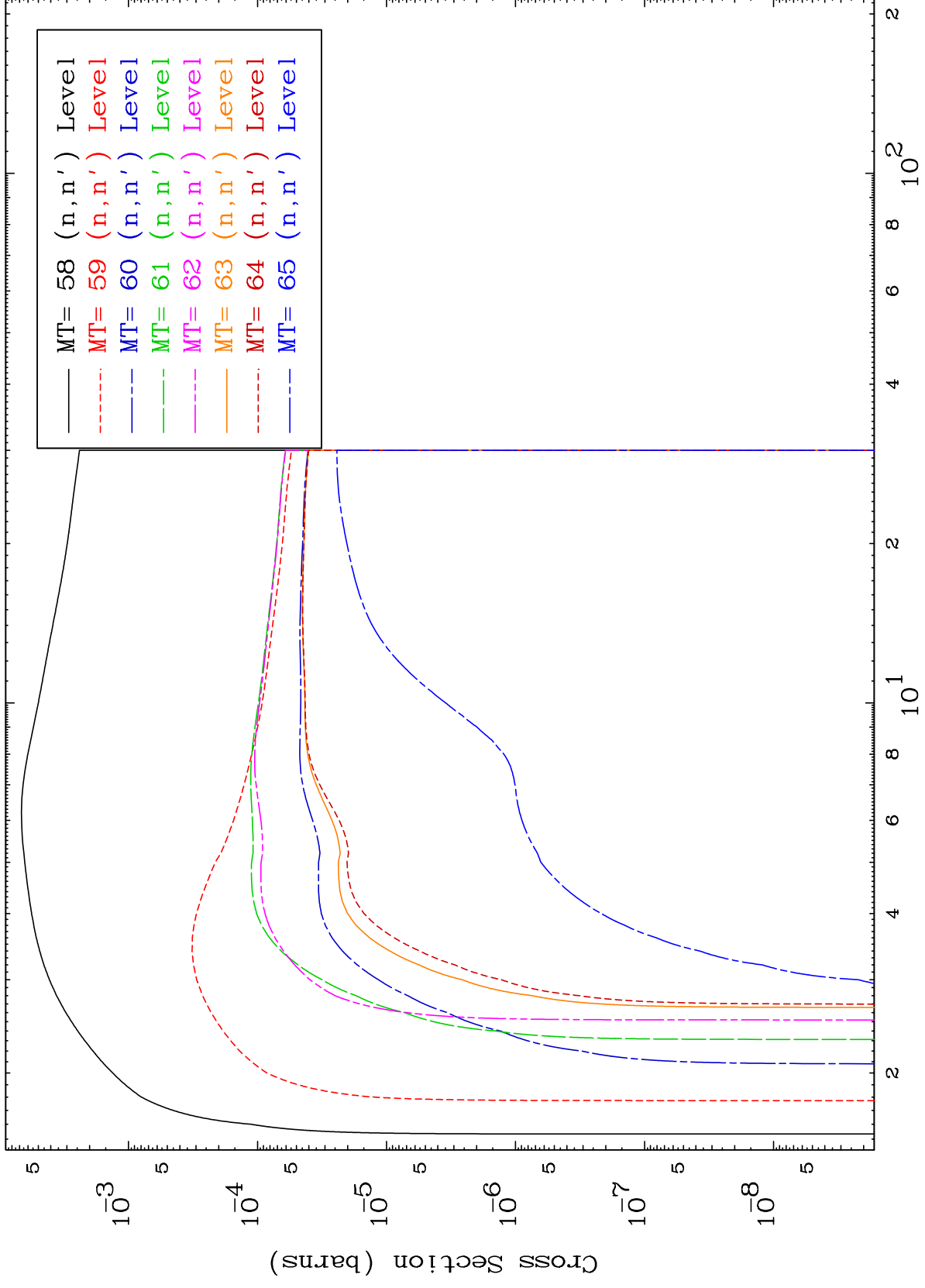


MAT 5198

(n,n') Level

52-Te-111

293 Kelvin Cross Sections



9

Incident Energy (MeV)

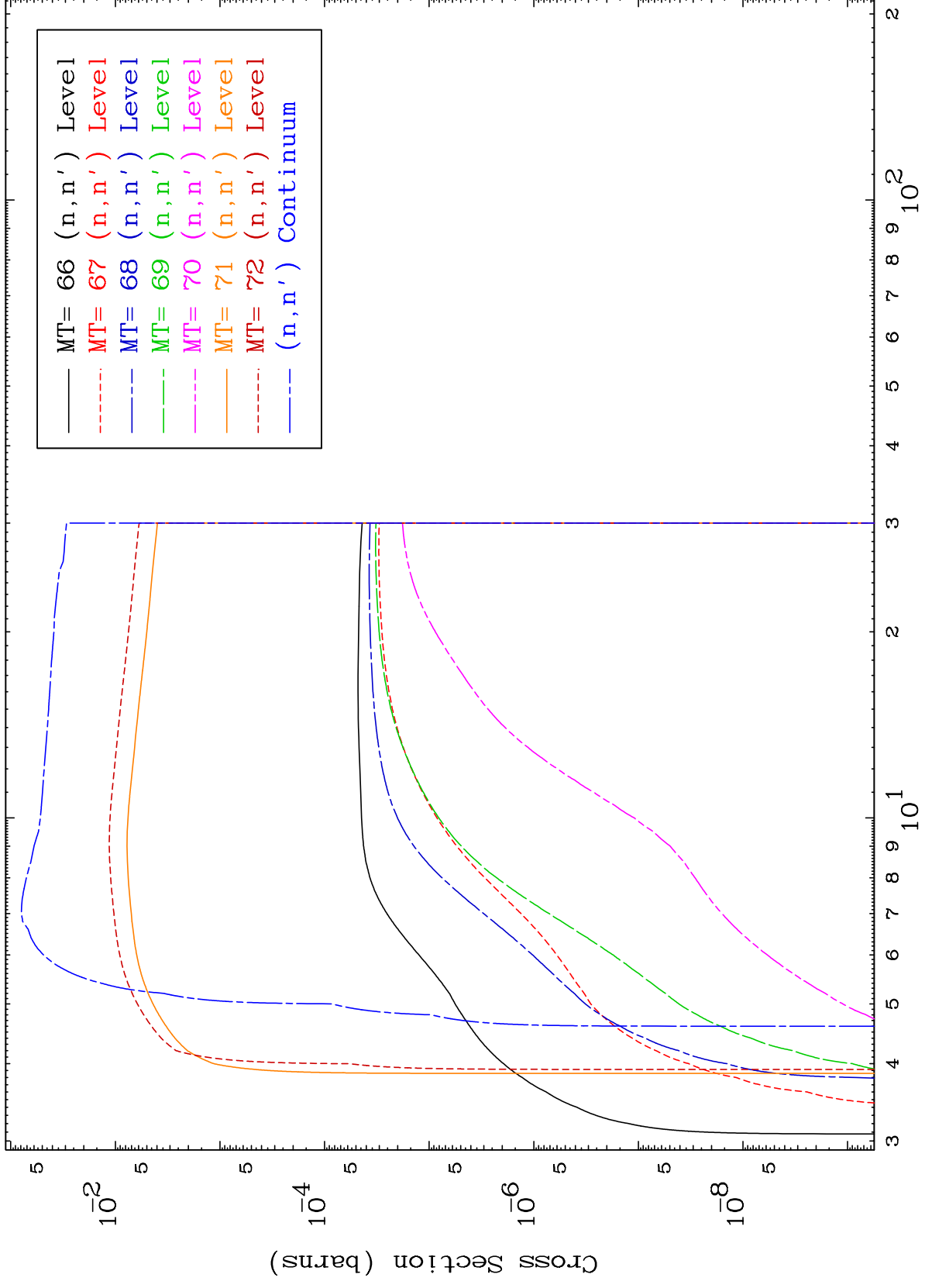
52-Te-111

MAT 5198

(n,n') Level

52-Te-111

293 Kelvin Cross Sections



10

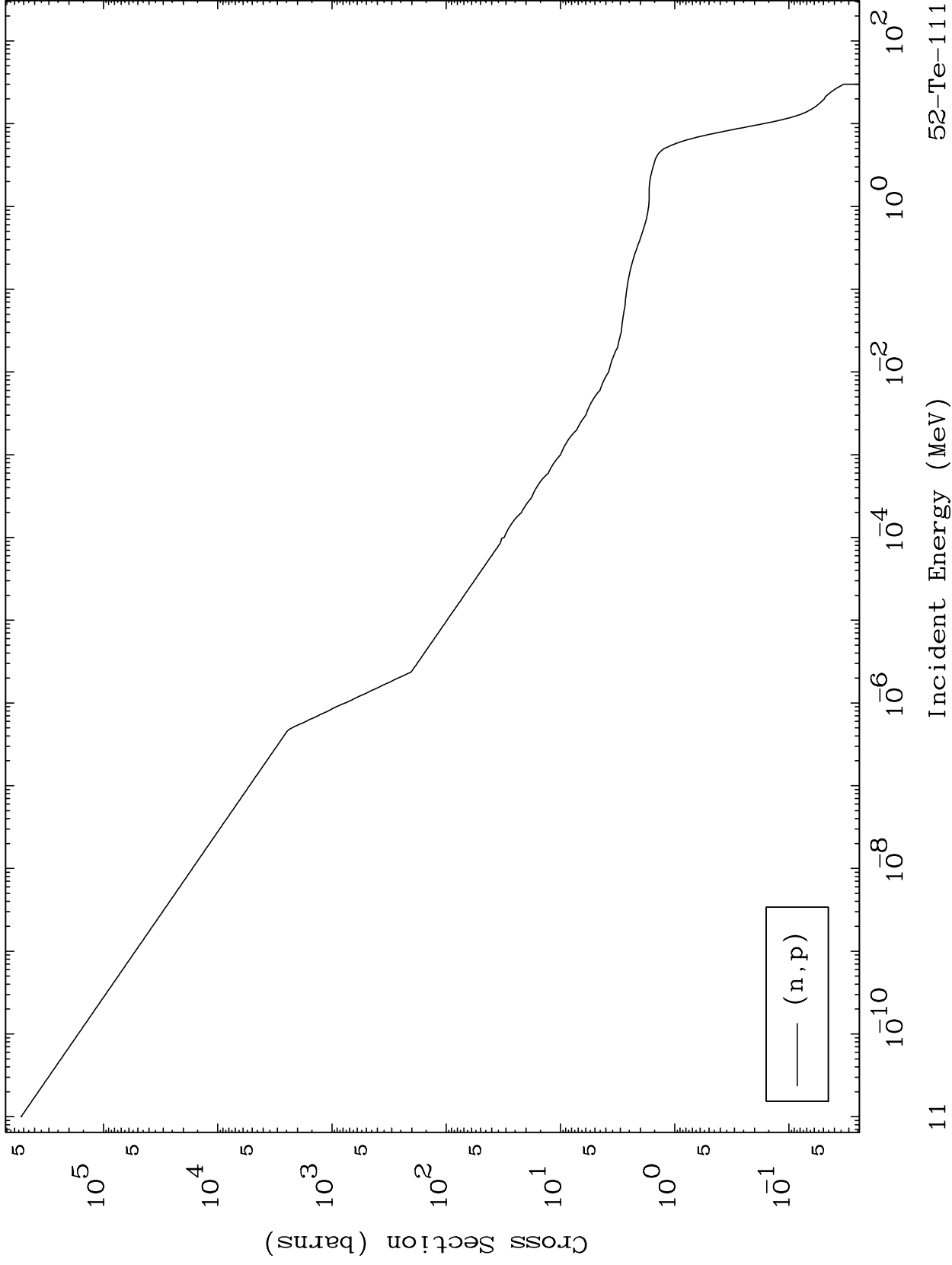
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,p) Levels
293 Kelvin Cross Sections

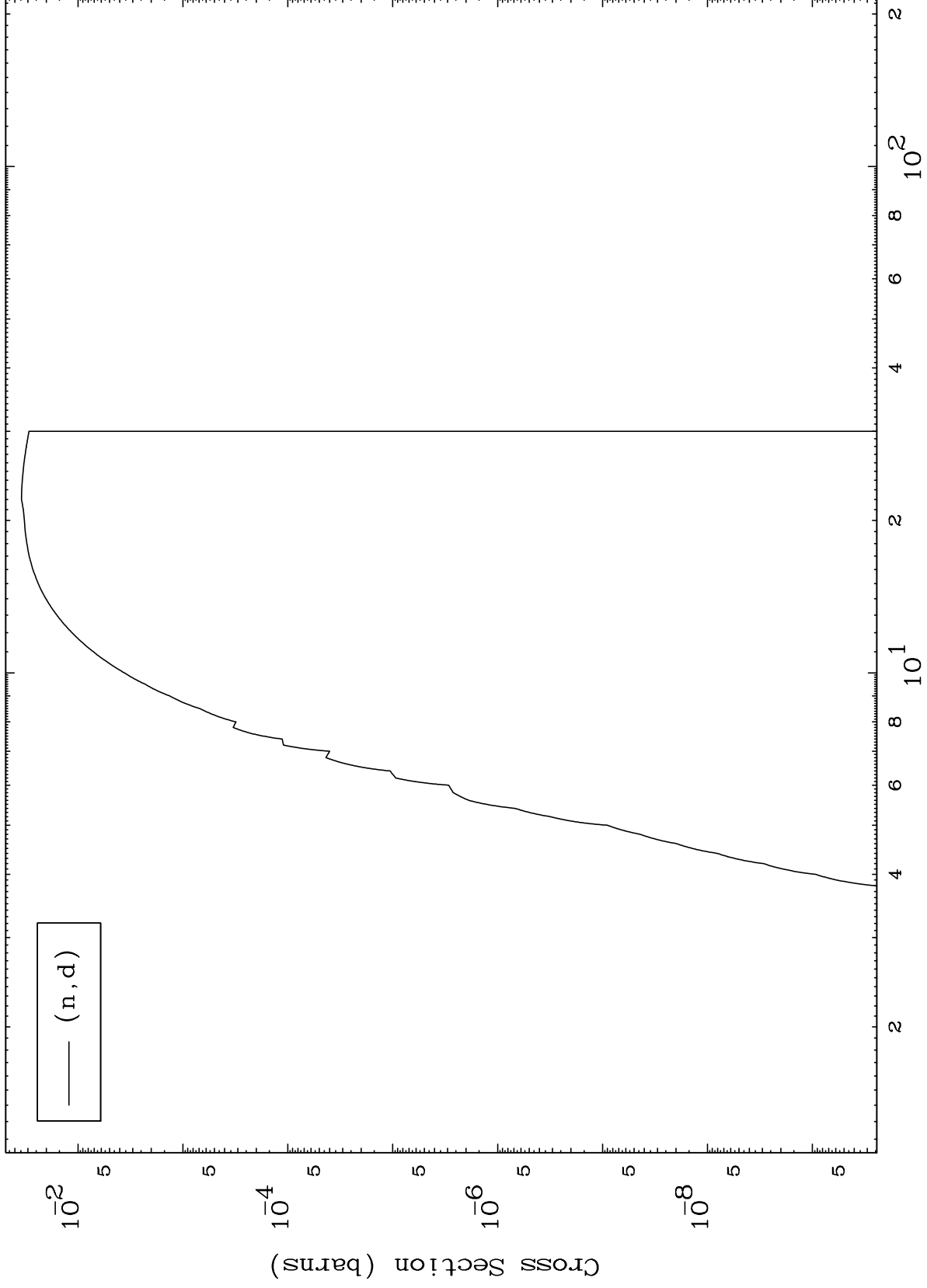
52-Te-111



MAT 5198

(n,d) Levels
293 Kelvin Cross Sections

52-Te-111



12

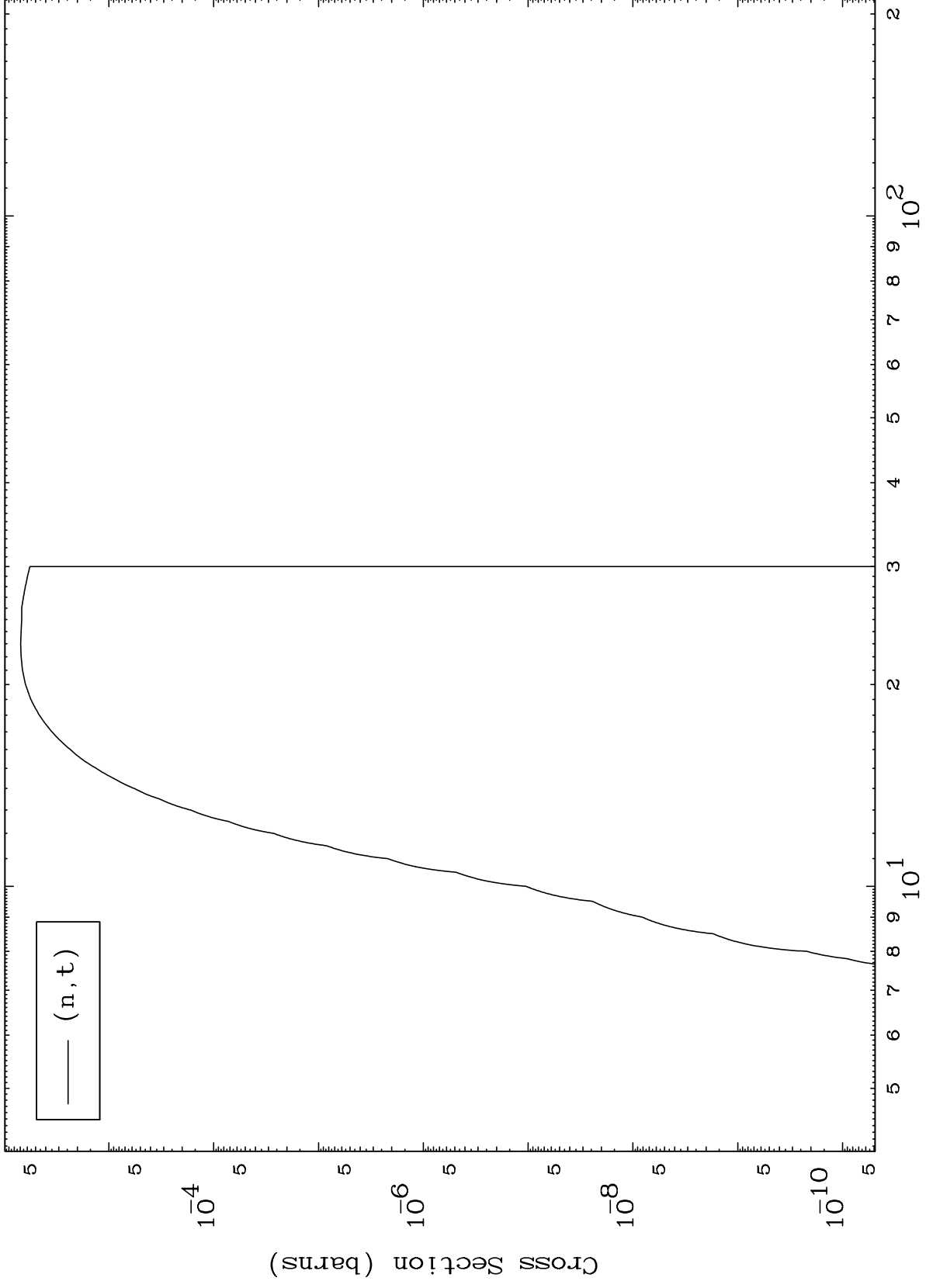
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,t) Levels
293 Kelvin Cross Sections

52-Te-111



13

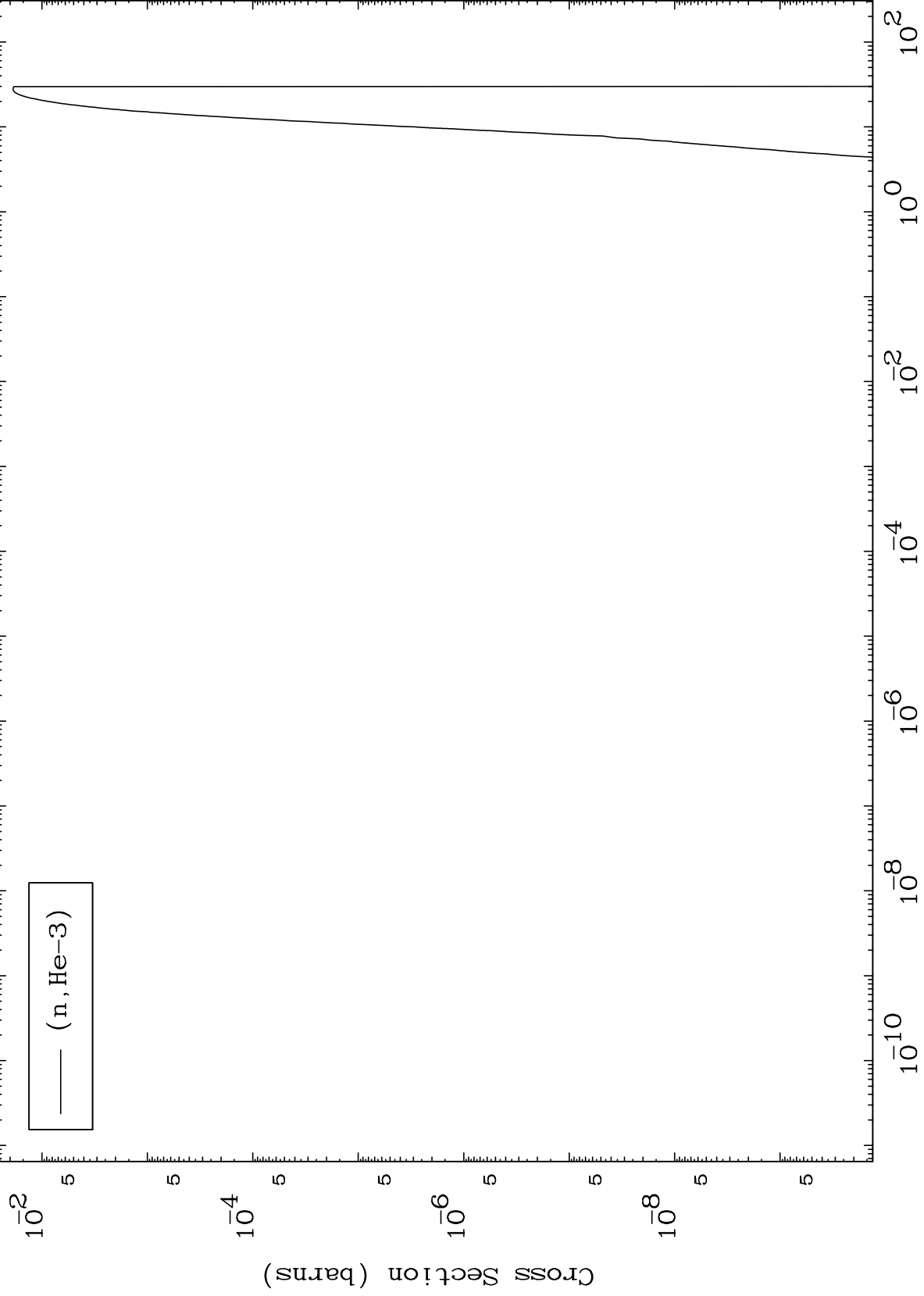
Incident Energy (MeV)

52-Te-111

MAT 5198

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-111



14

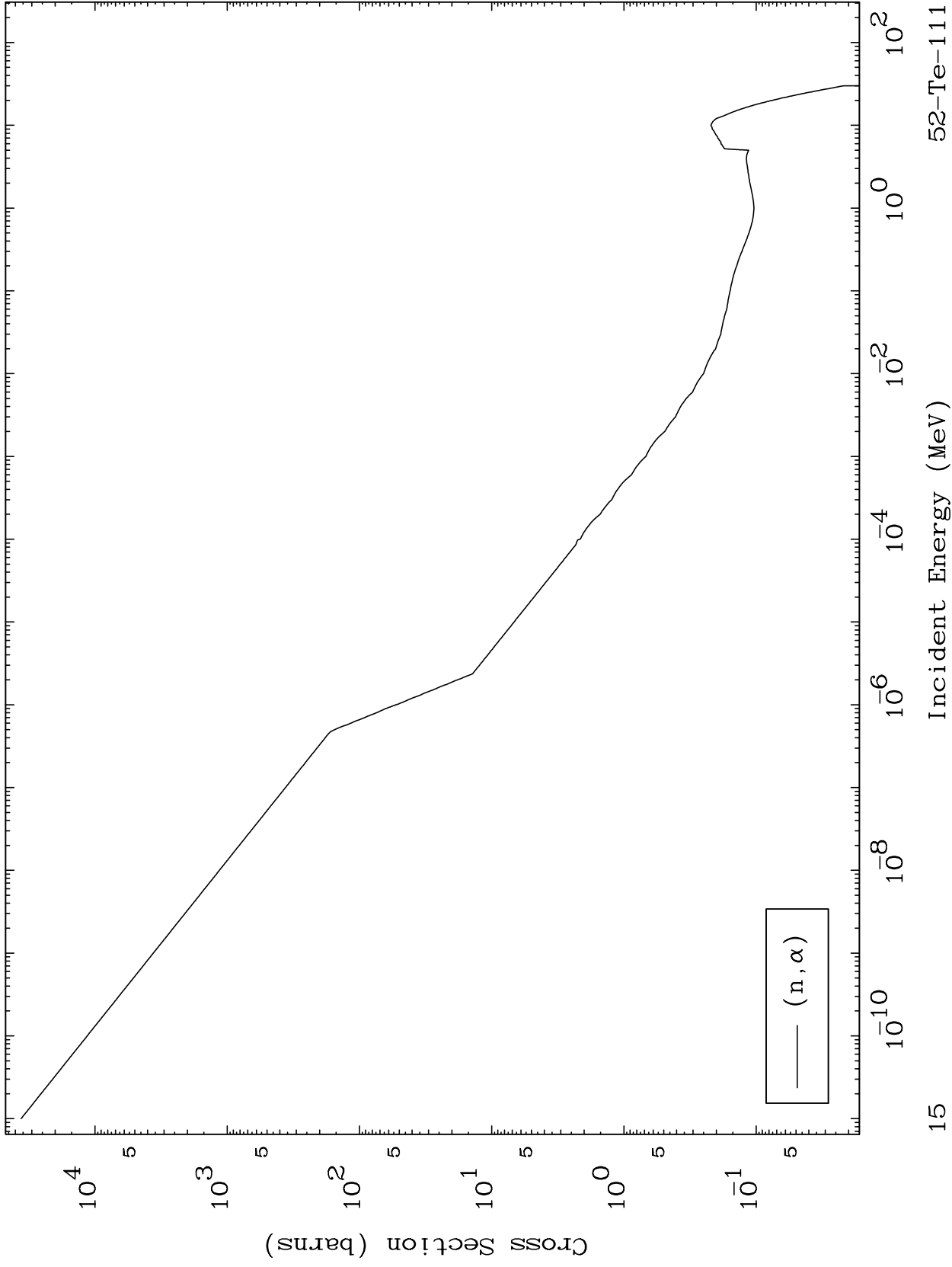
Incident Energy (MeV)

52-Te-111

MAT 5198

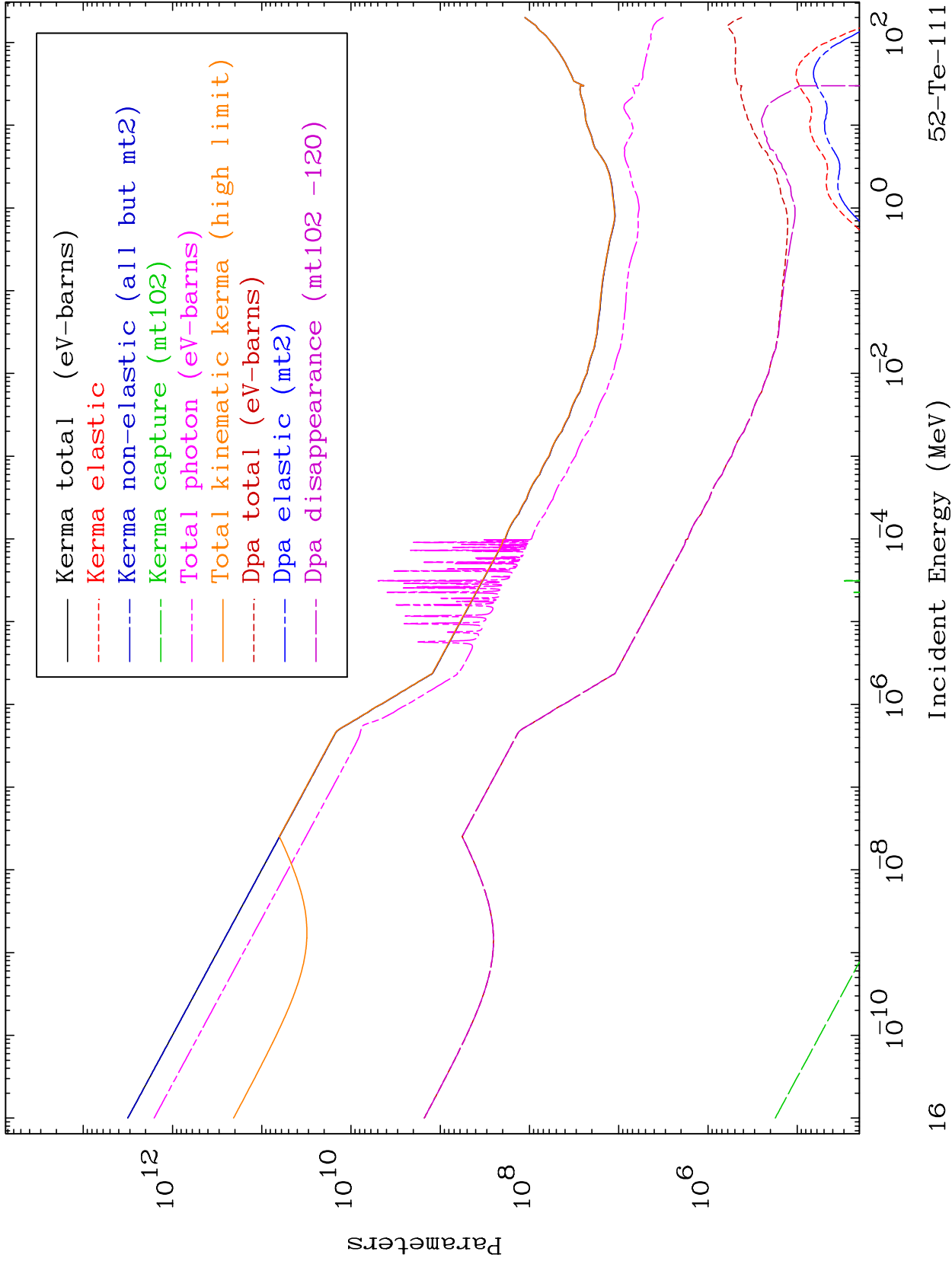
(n,α) Levels
293 Kelvin Cross Sections

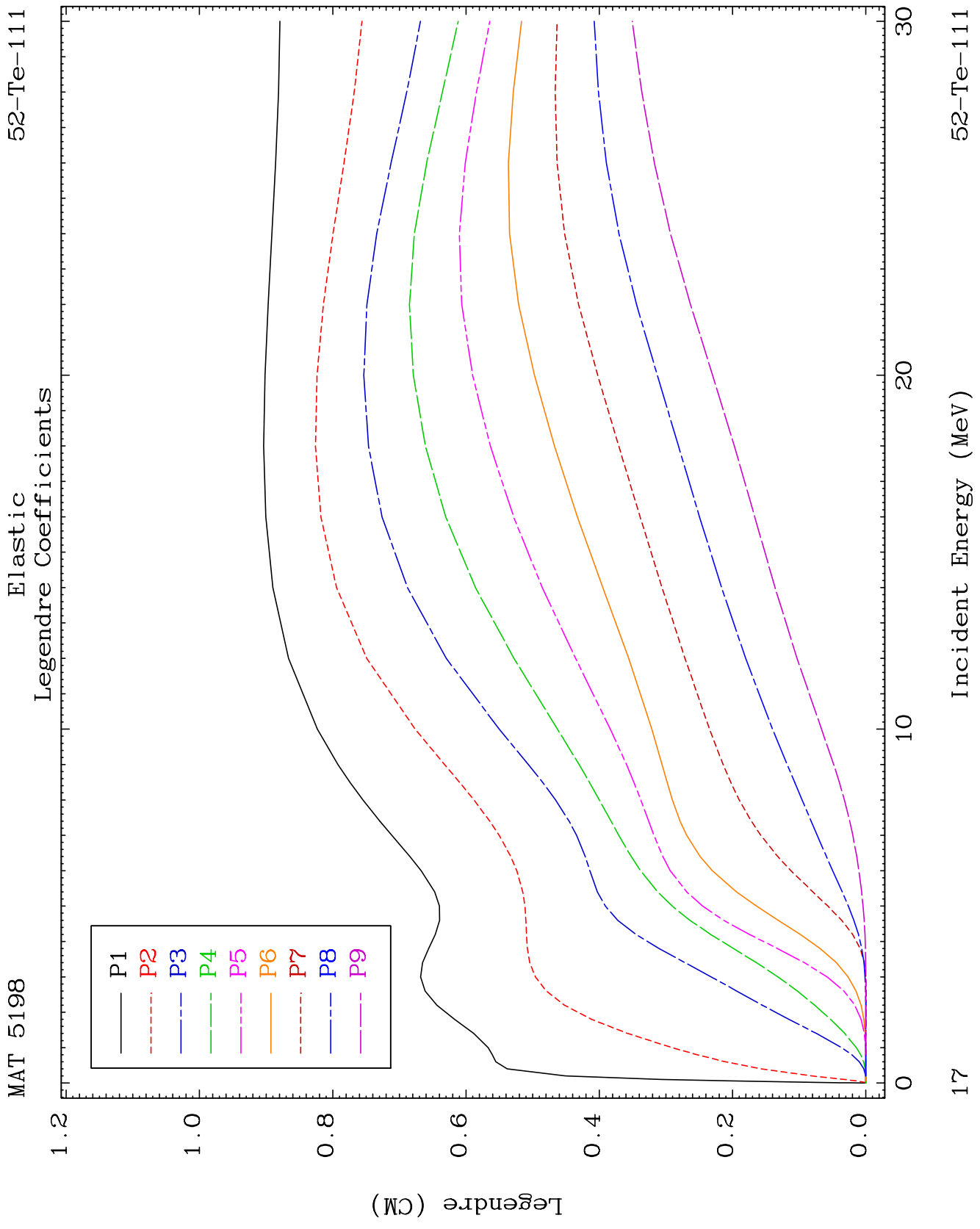
52-Te-111

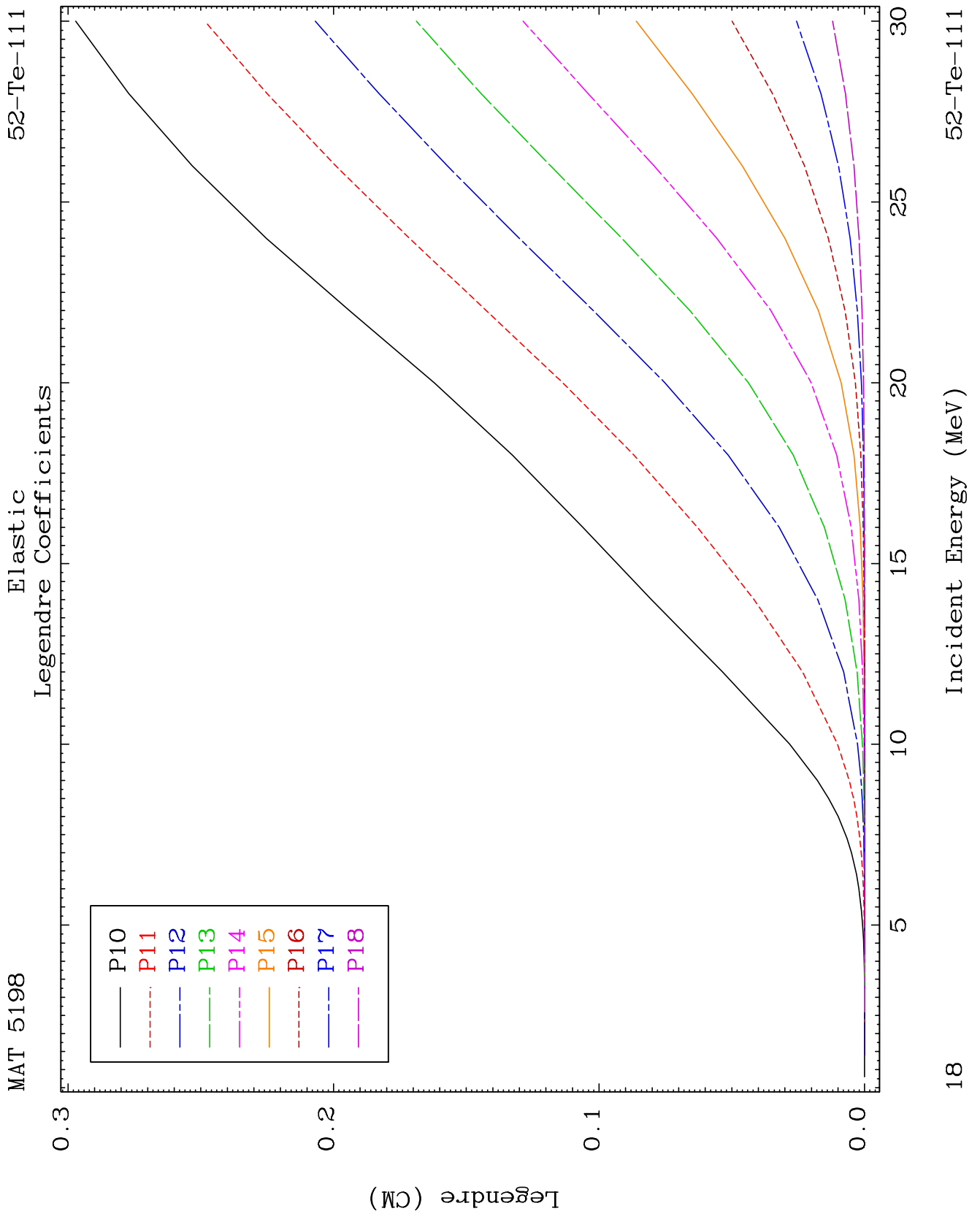


15

52-Te-111



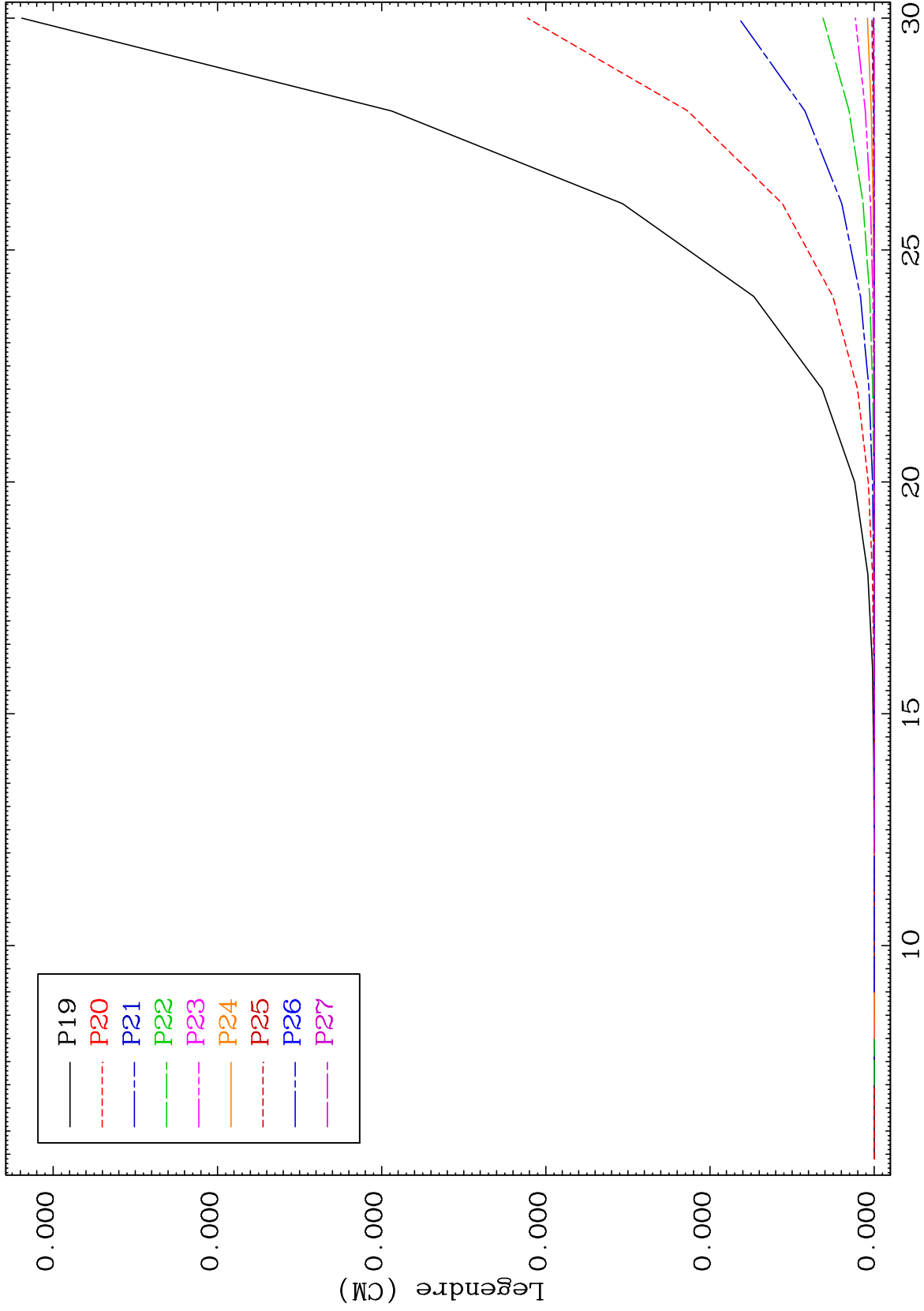




MAT 5198

Elastic Legendre Coefficients

52-Te-111



19

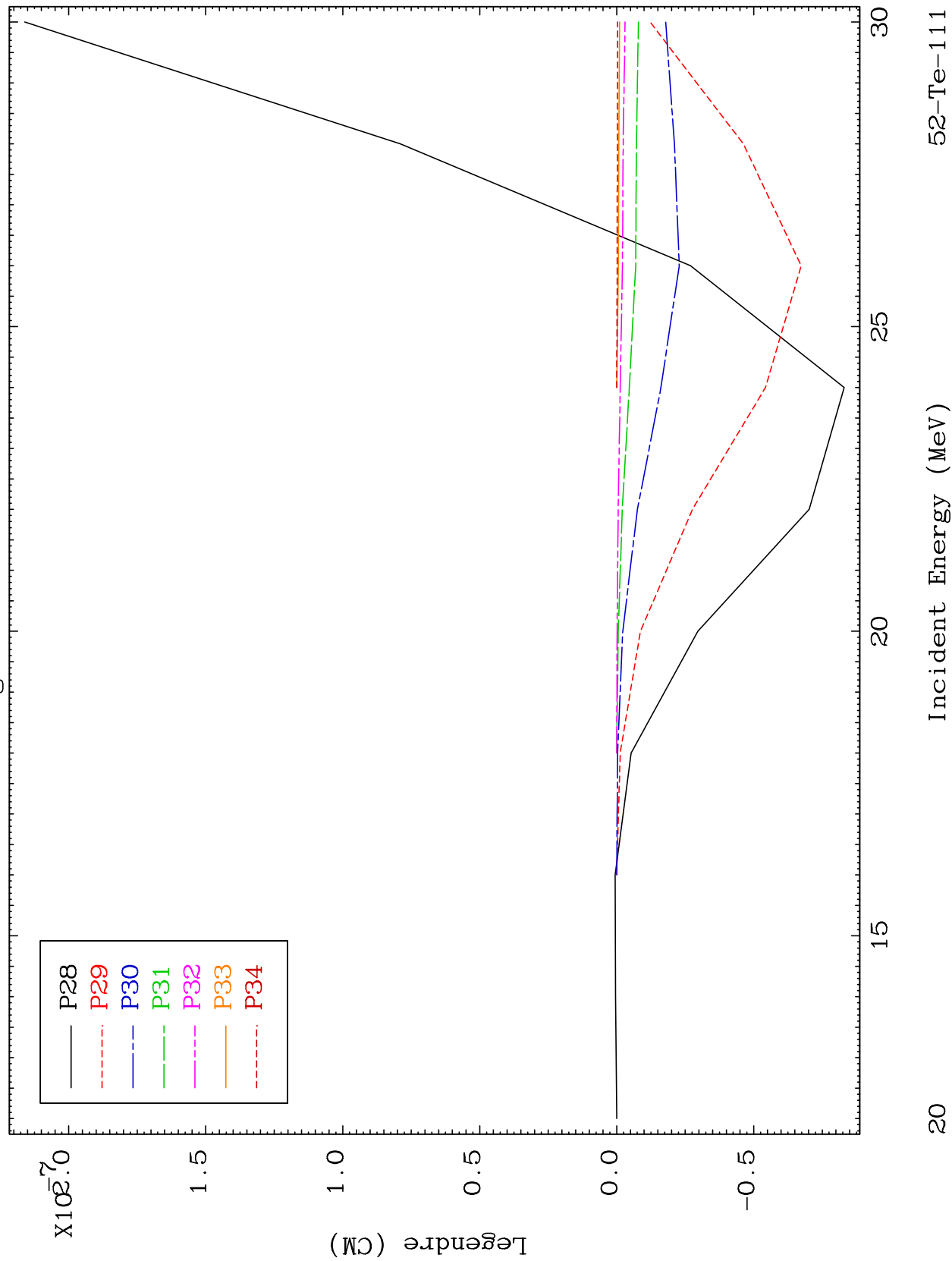
Incident Energy (MeV)

52-Te-111

MAT 5198

Elastic Legendre Coefficients

⁵²Te-111



20

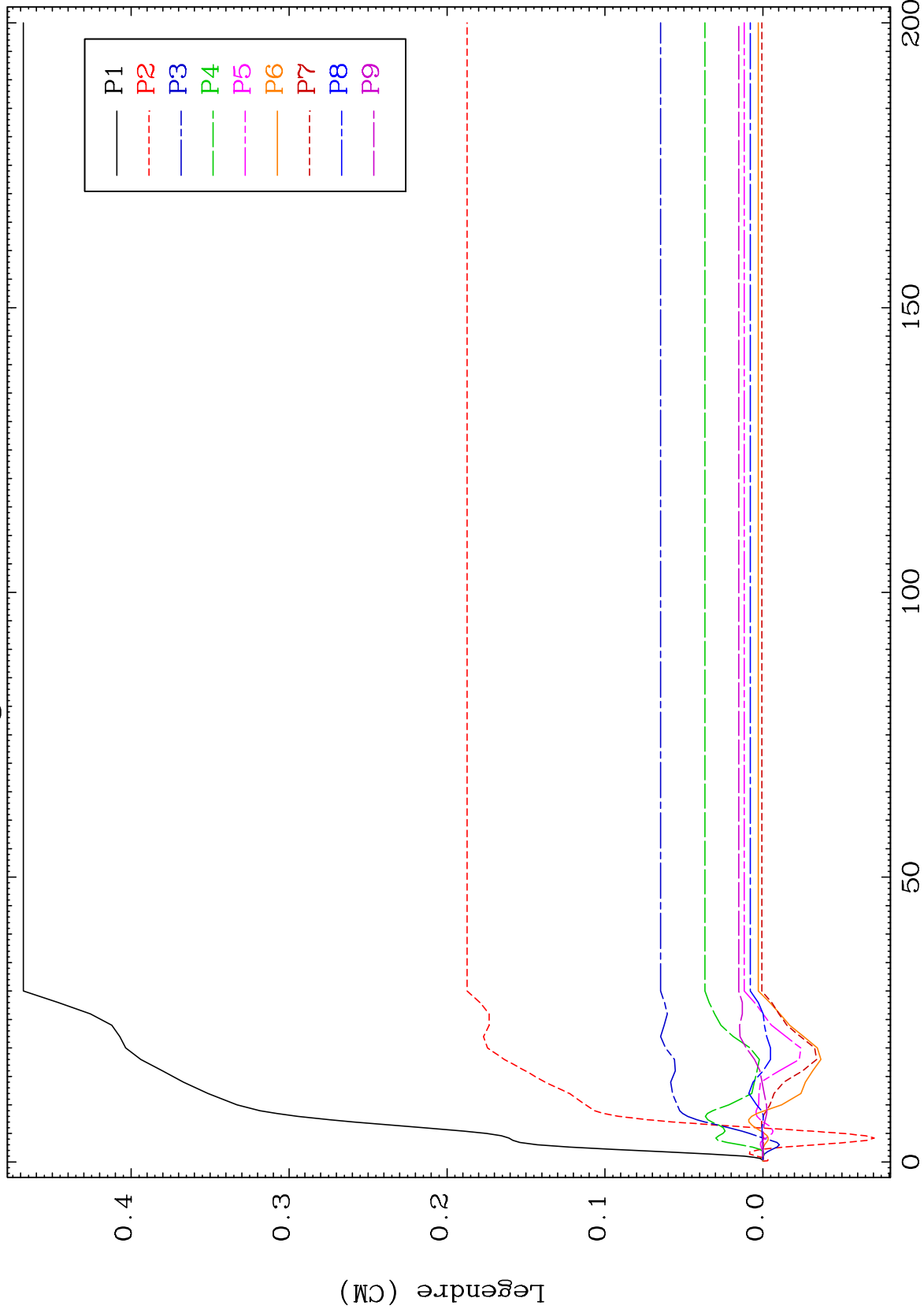
Incident Energy (MeV)

⁵²Te-111

MAT 5198

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

52-Te-111



21

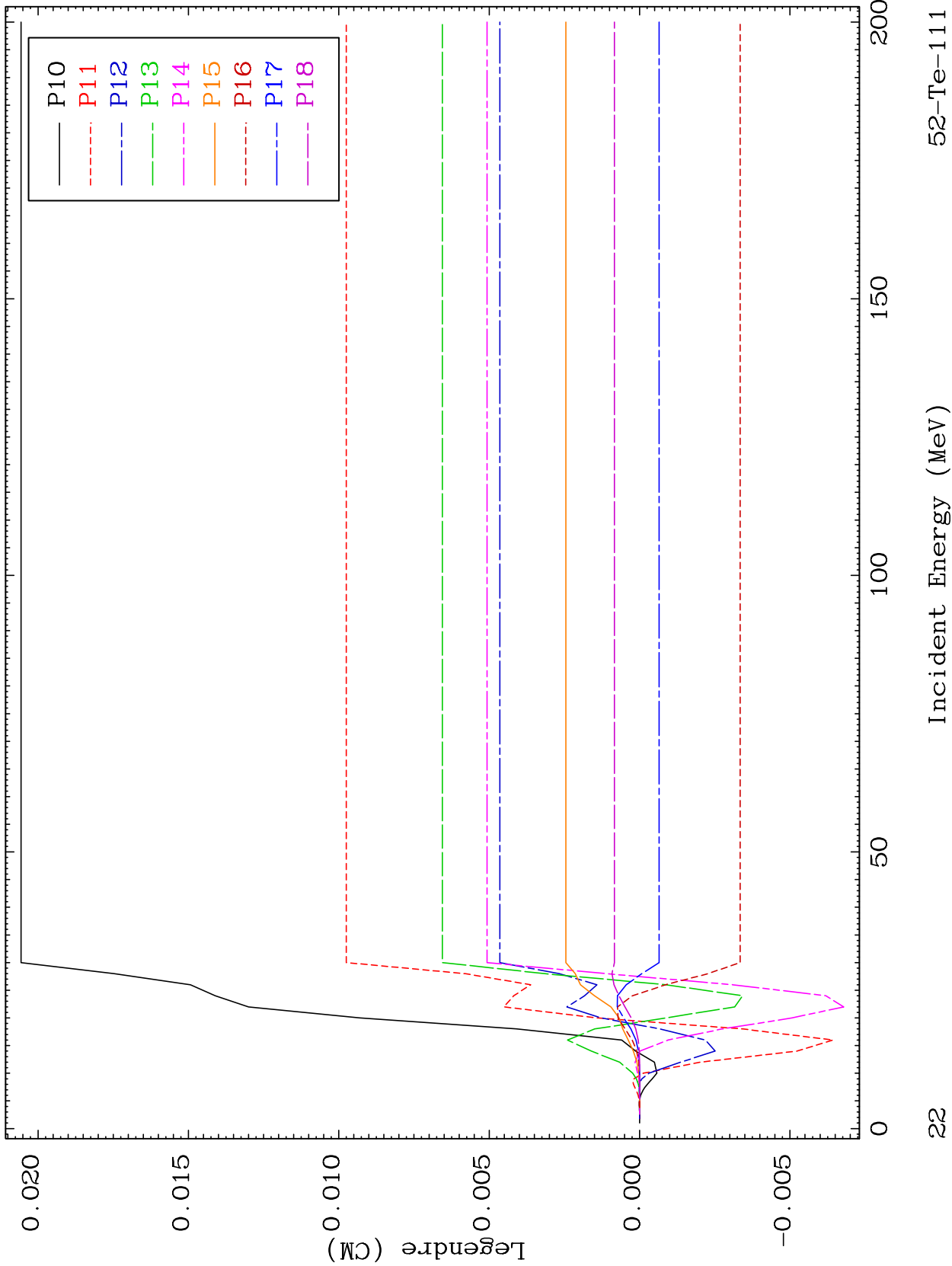
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



22

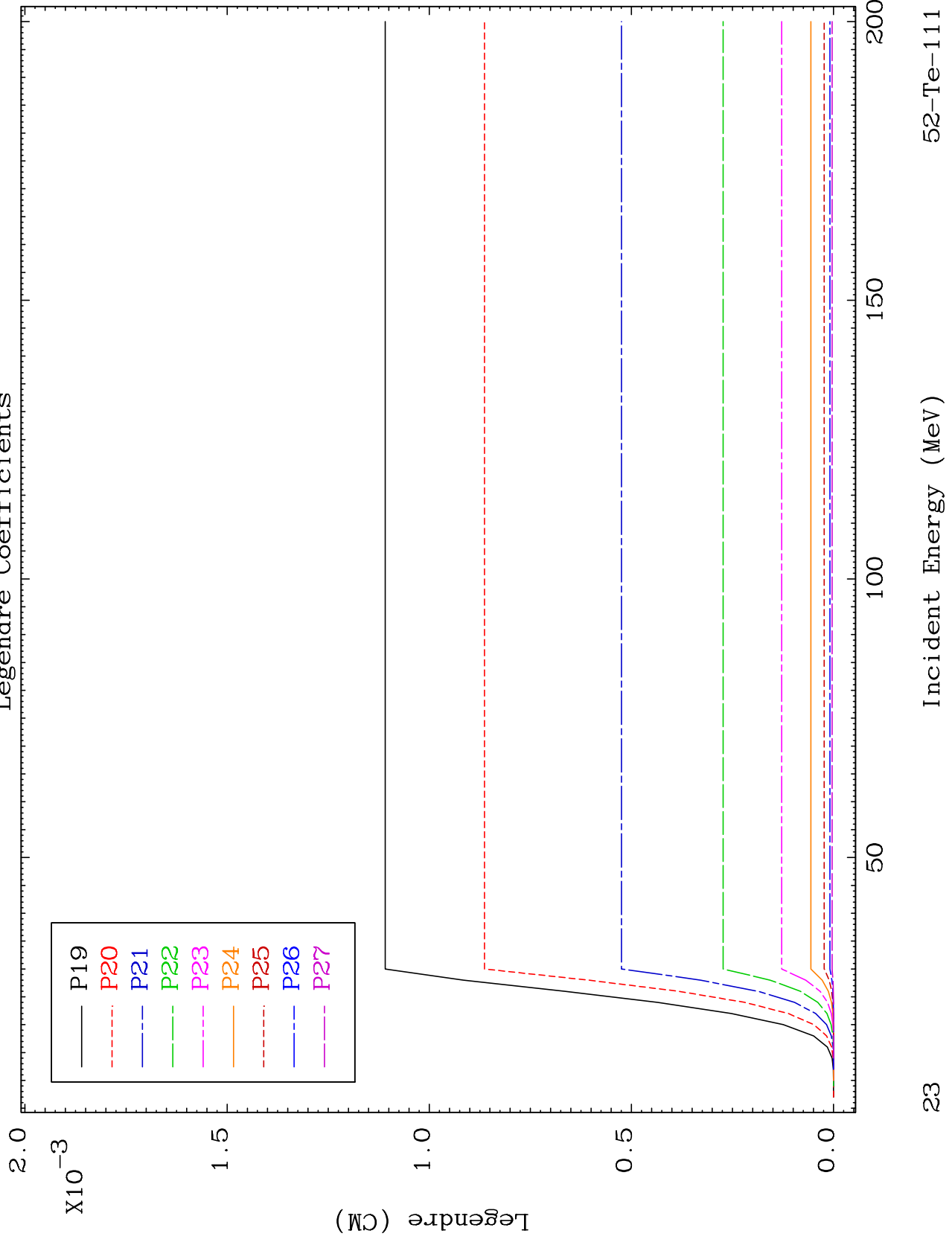
Incident Energy (MeV)

52-Te-111

MAT 5198

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

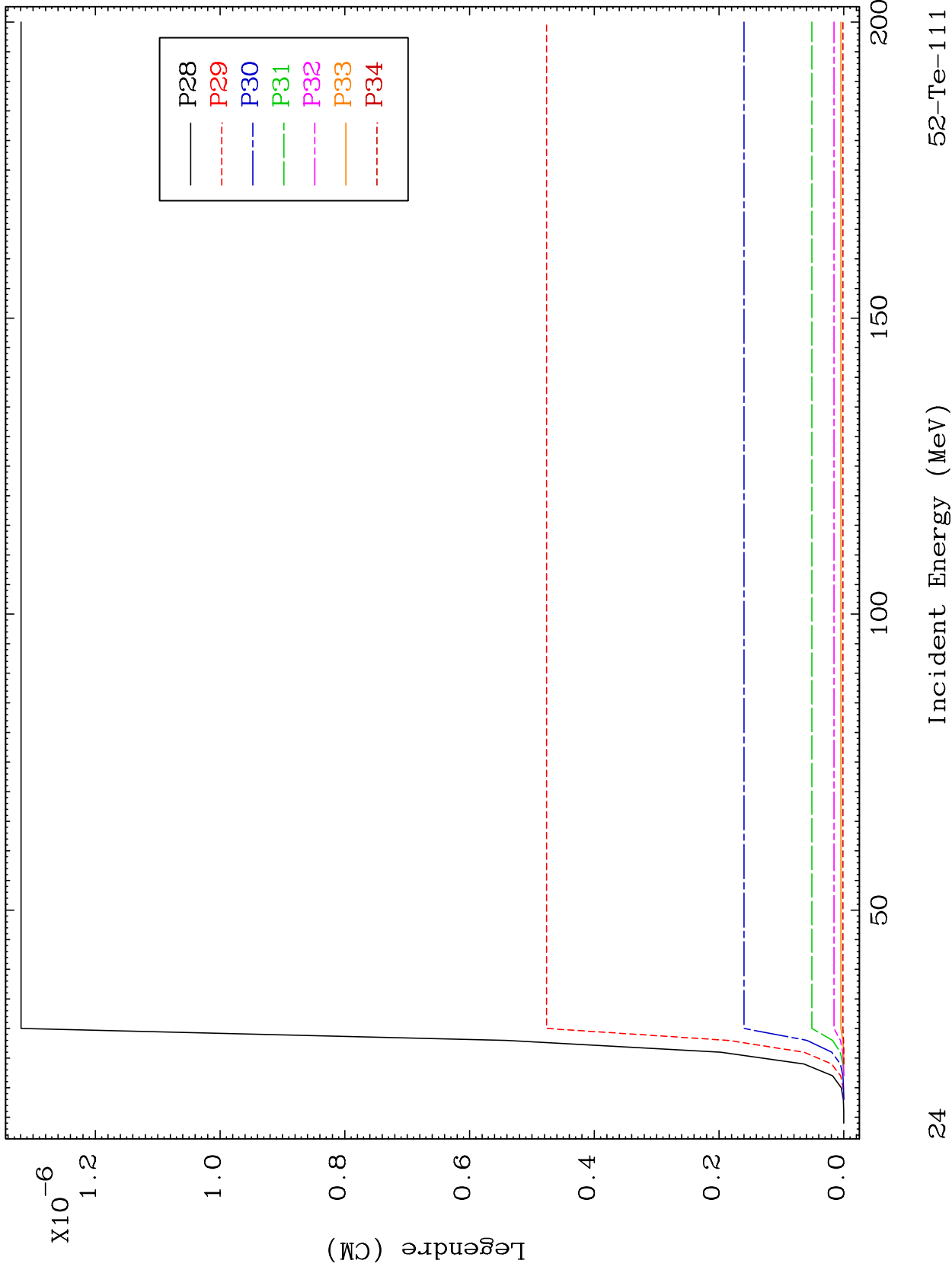
52-Te-111



MAT 5198

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

52-Te-111



24

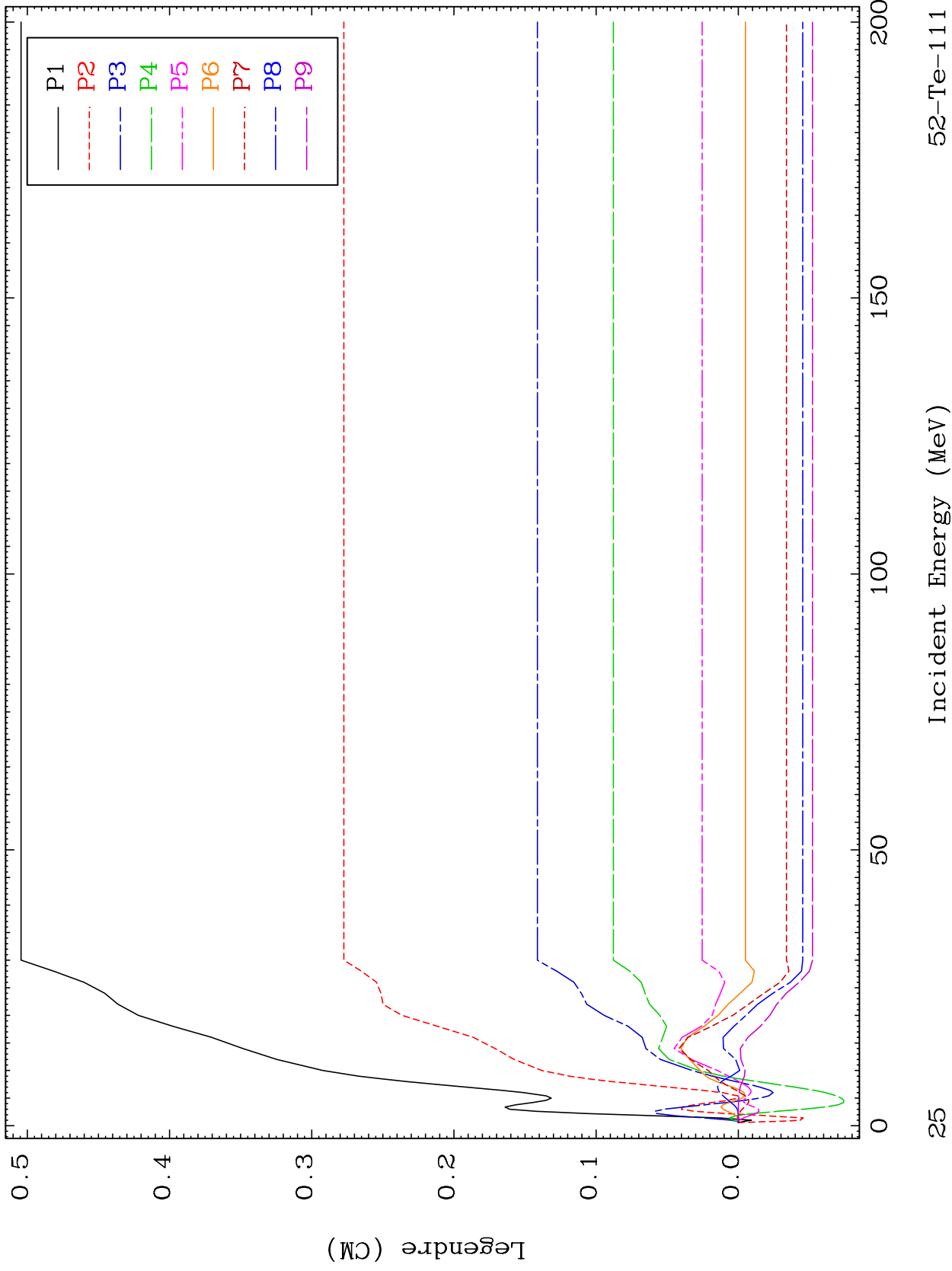
Incident Energy (MeV)

52-Te-111

MAT 5198

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

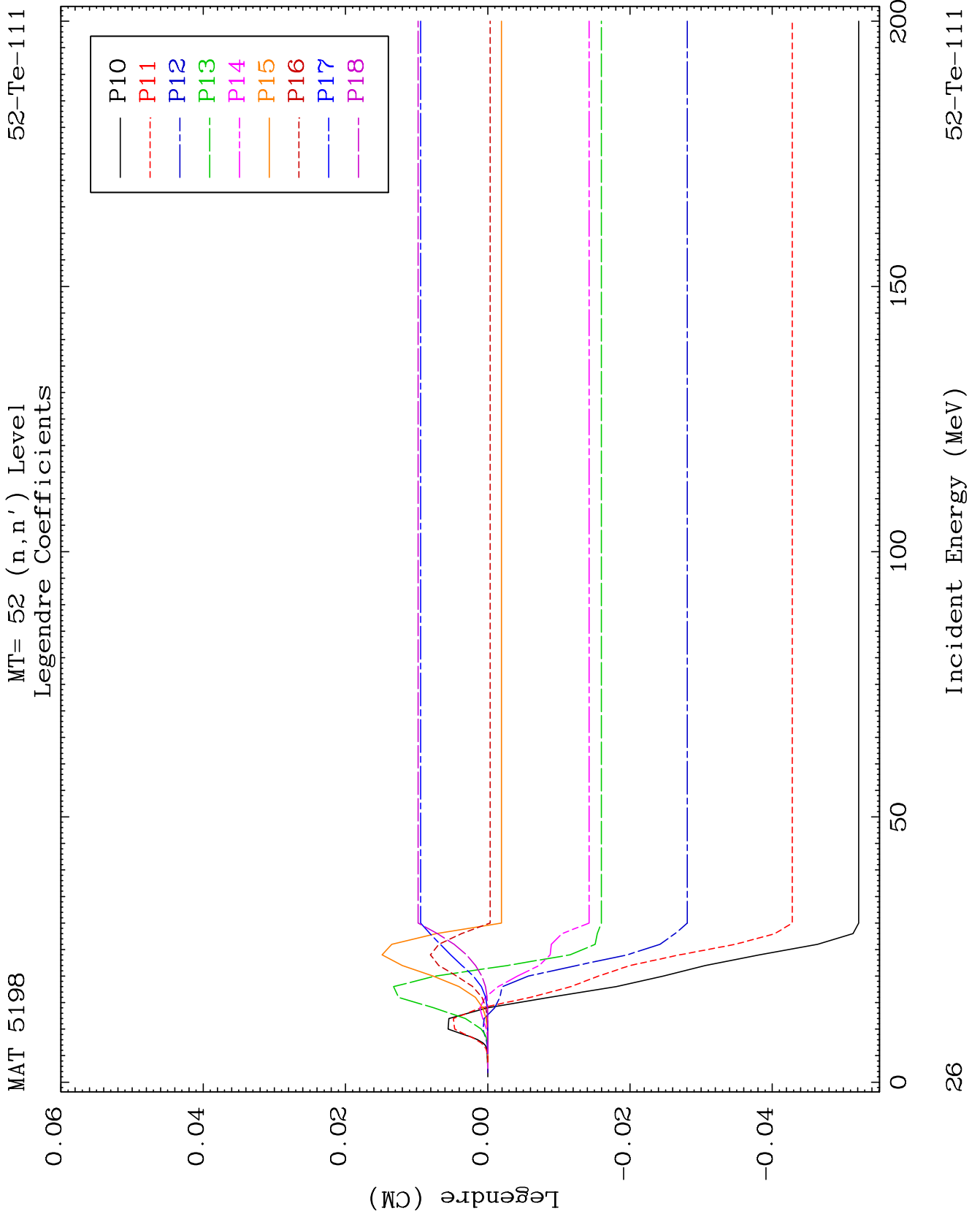
52-Te-111



52-Te-111

Incident Energy (MeV)

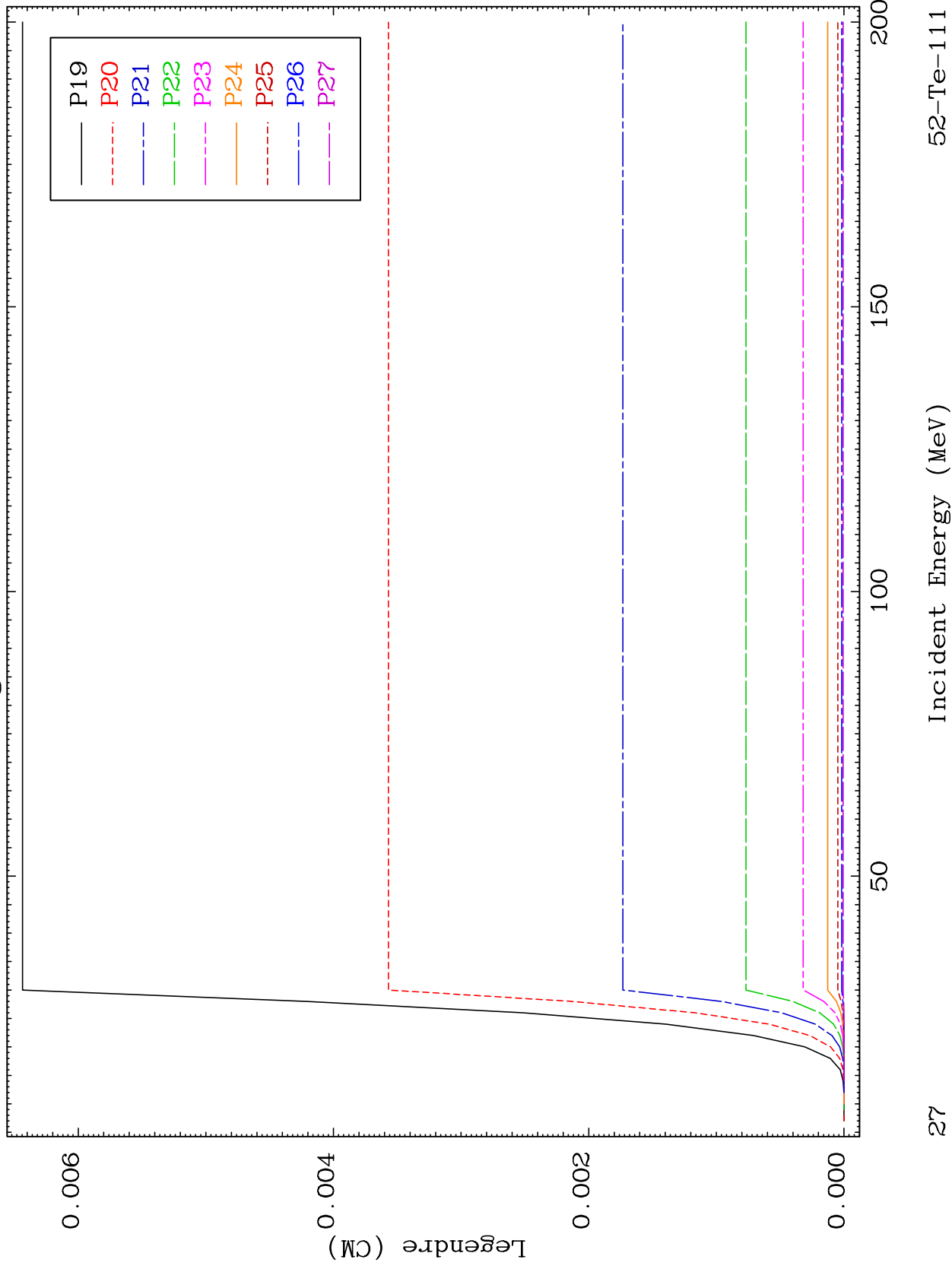
25



MAT 5198

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

52-Te-111



27

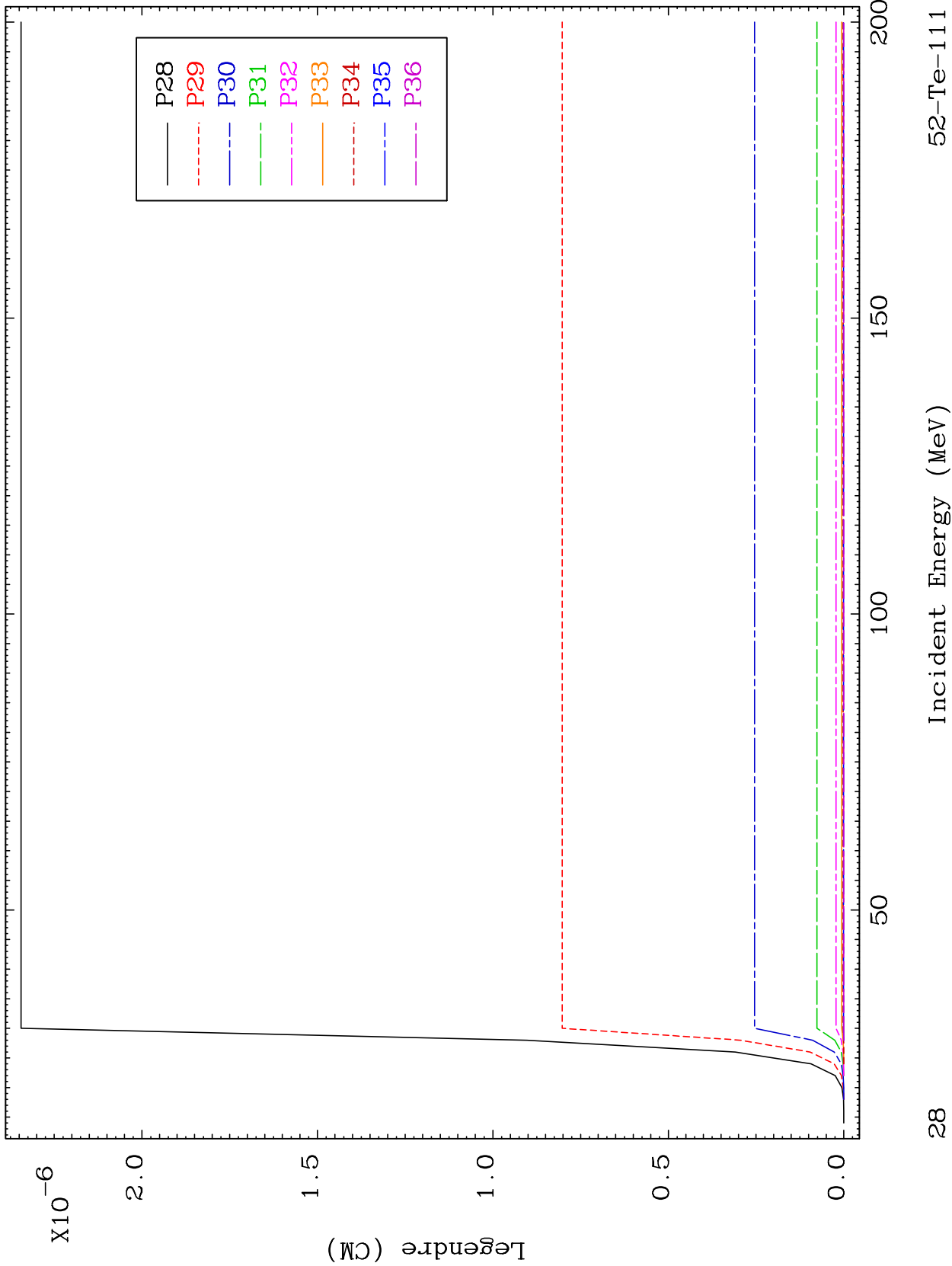
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111

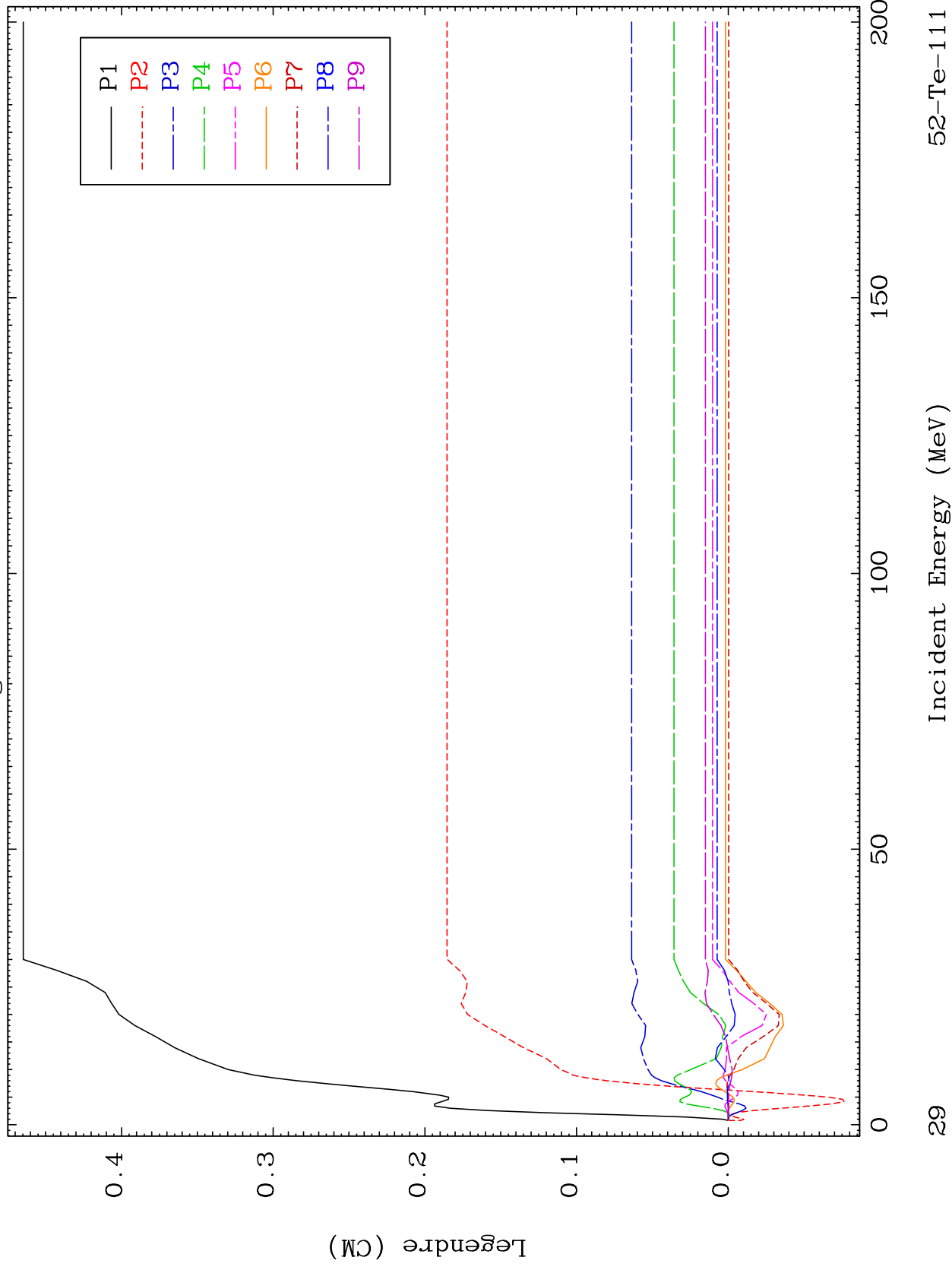


28

MAT 5198

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

52-Te-111



52-Te-111

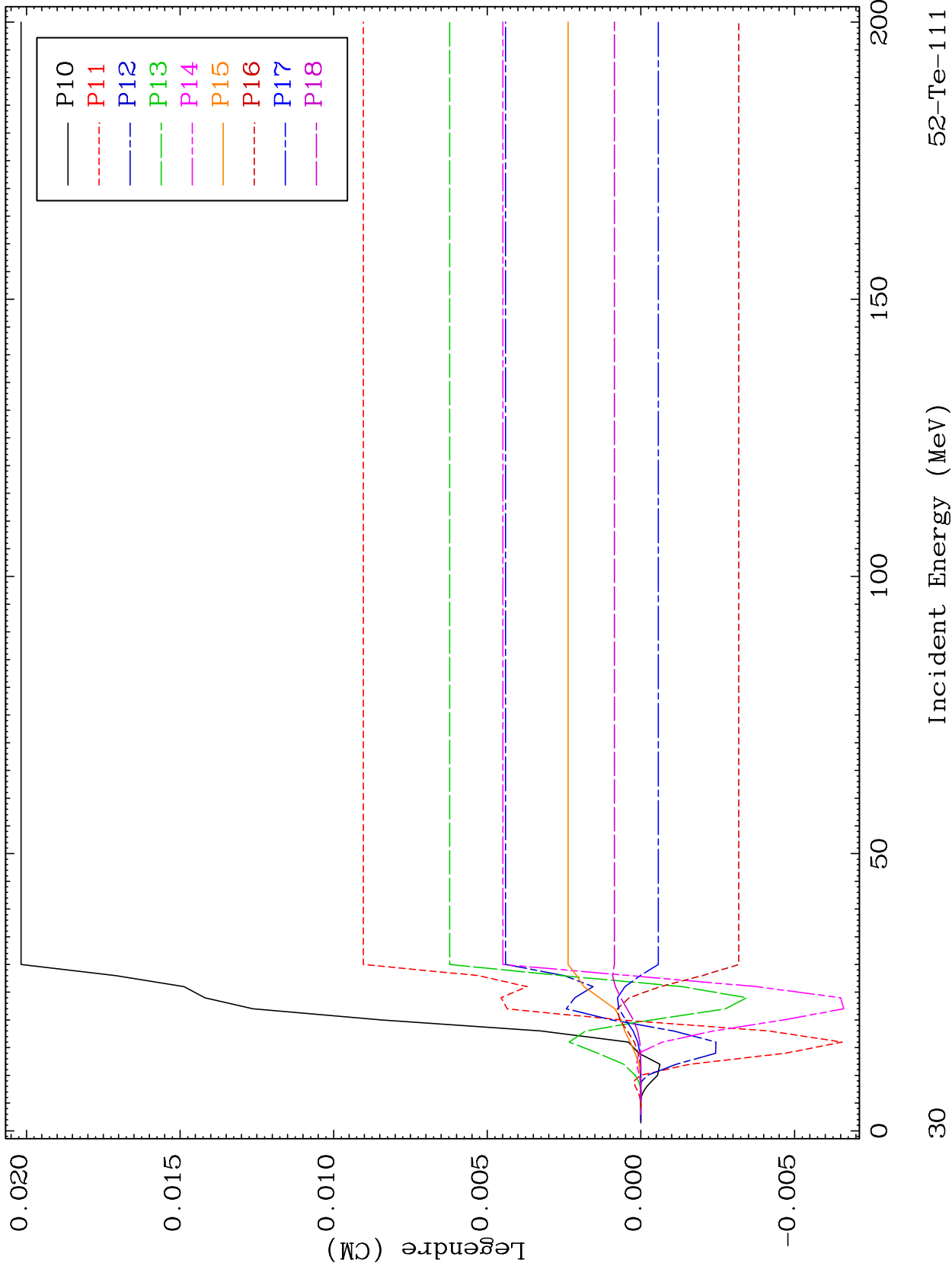
Incident Energy (MeV)

29

MAT 5198

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

52-Te-111



52-Te-111

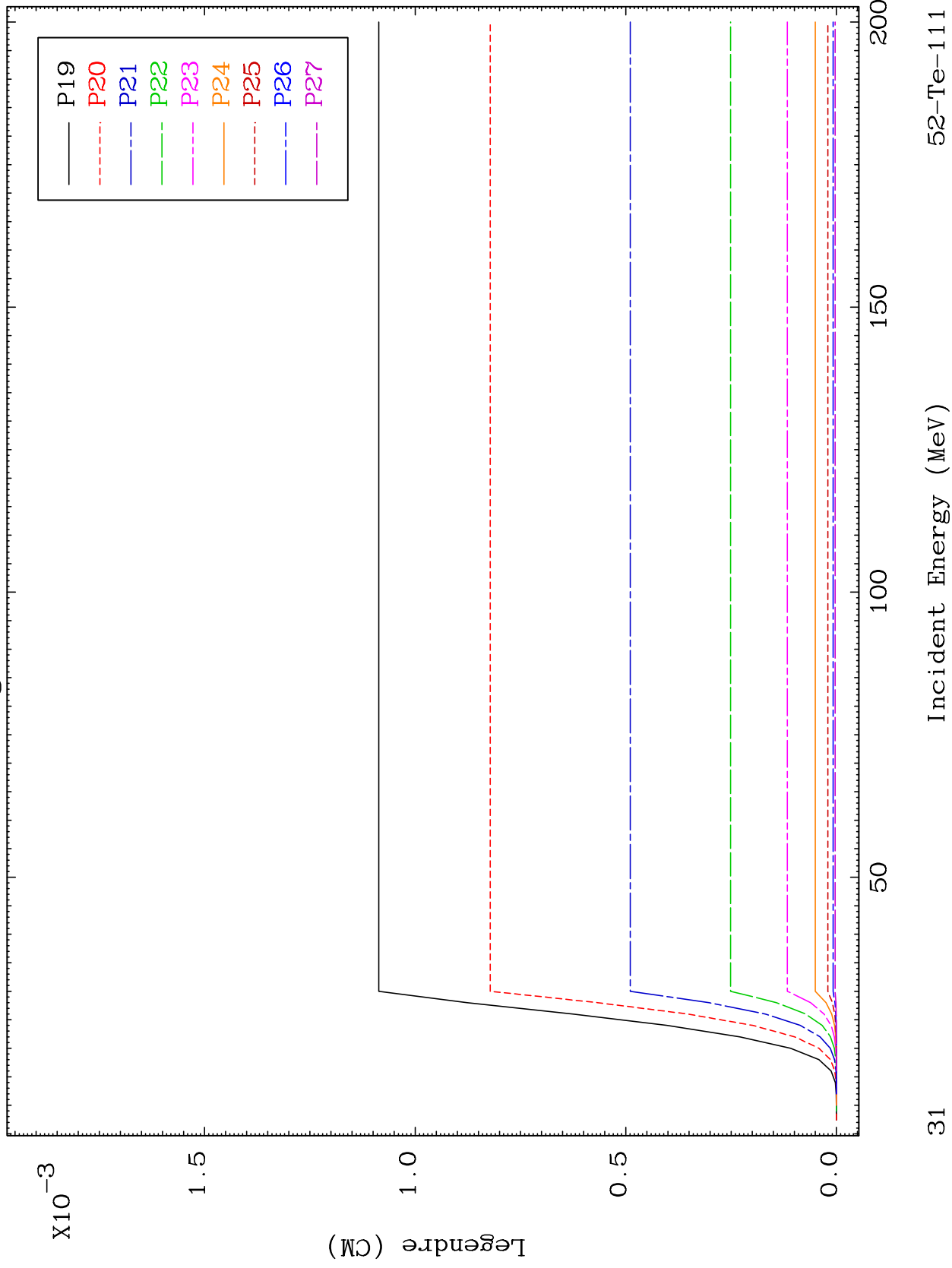
Incident Energy (MeV)

30

MAT 5198

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

52-Te-111



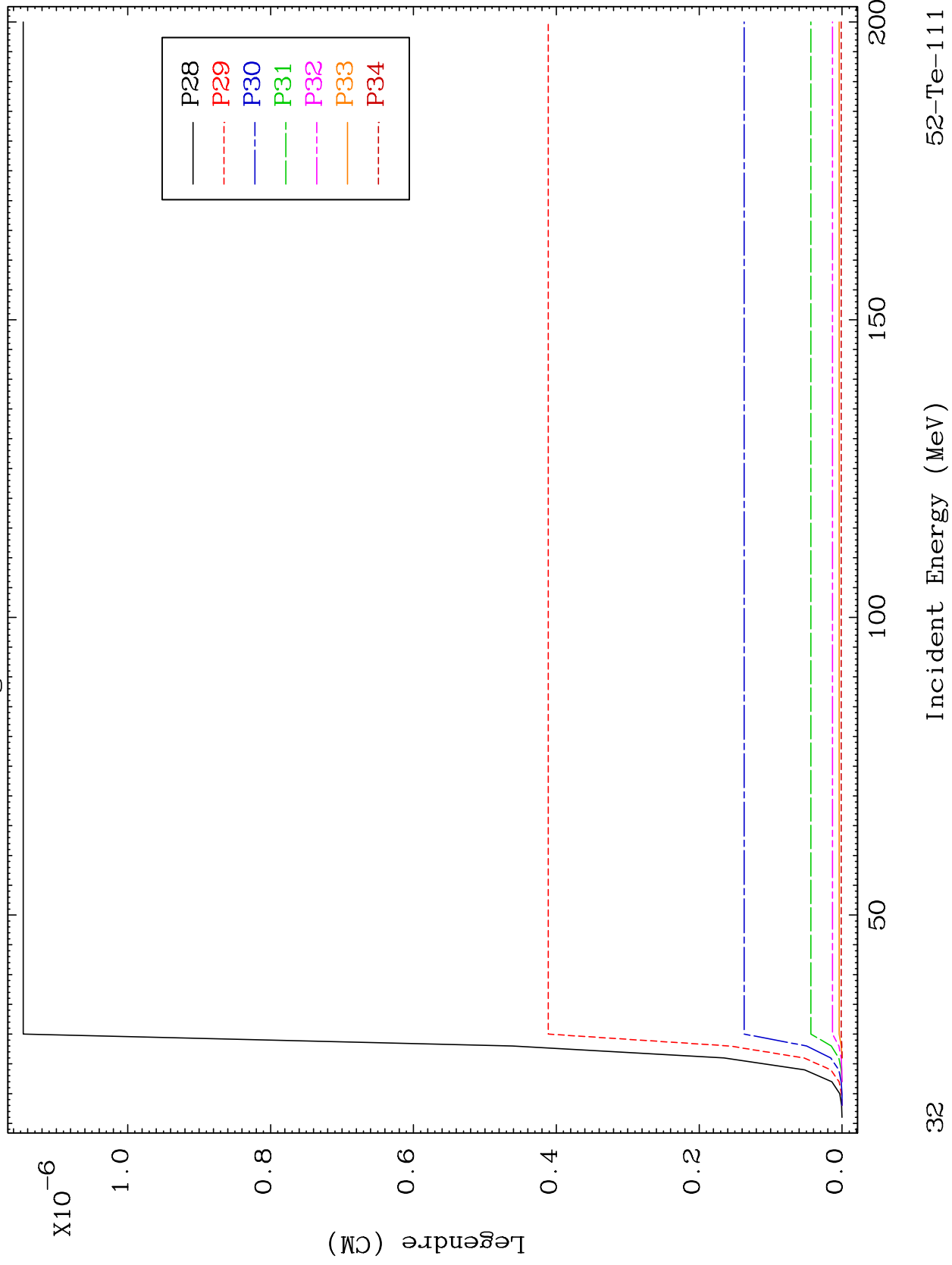
31

52-Te-111

MAT 5198

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

52-Te-111



32

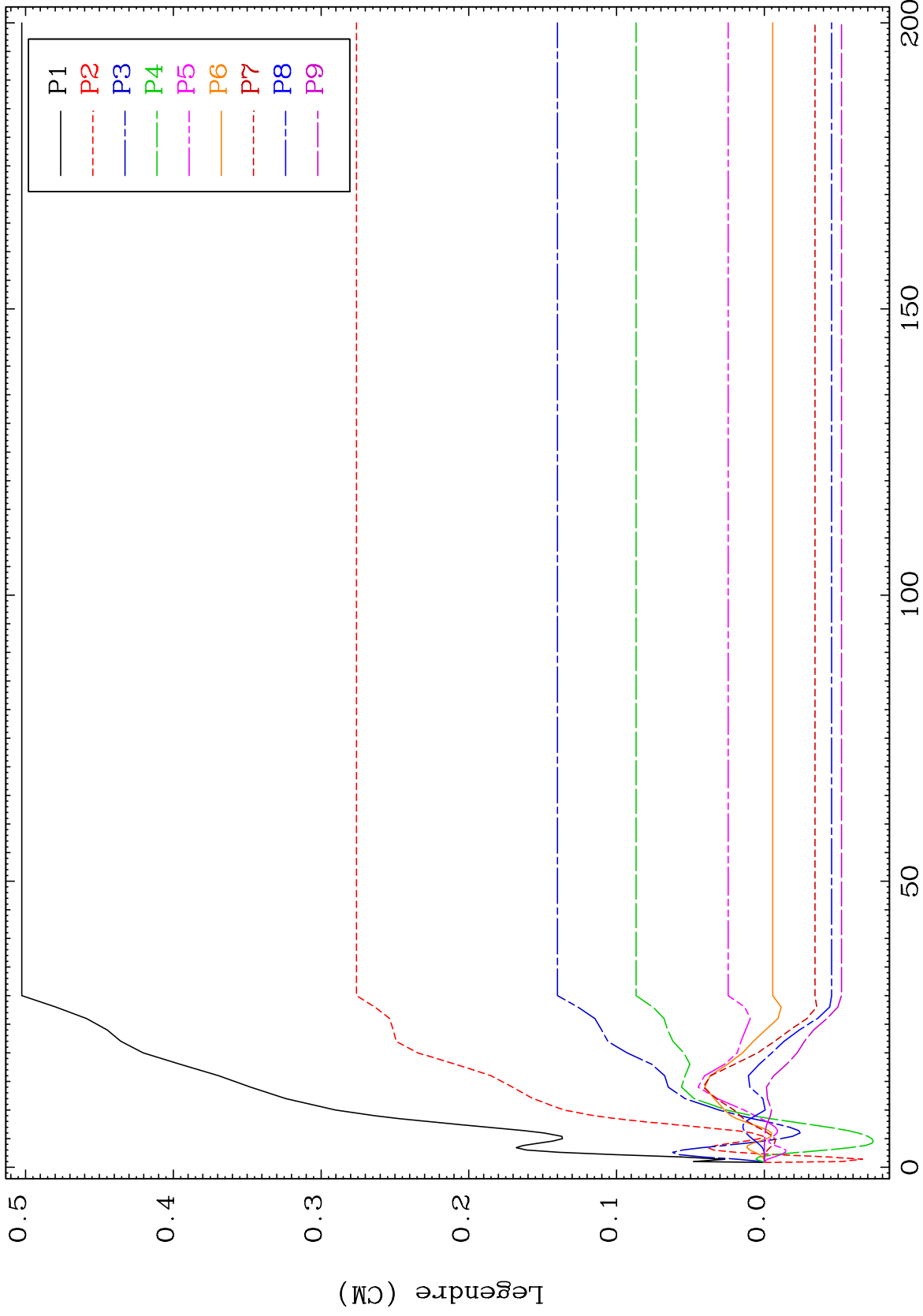
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



33

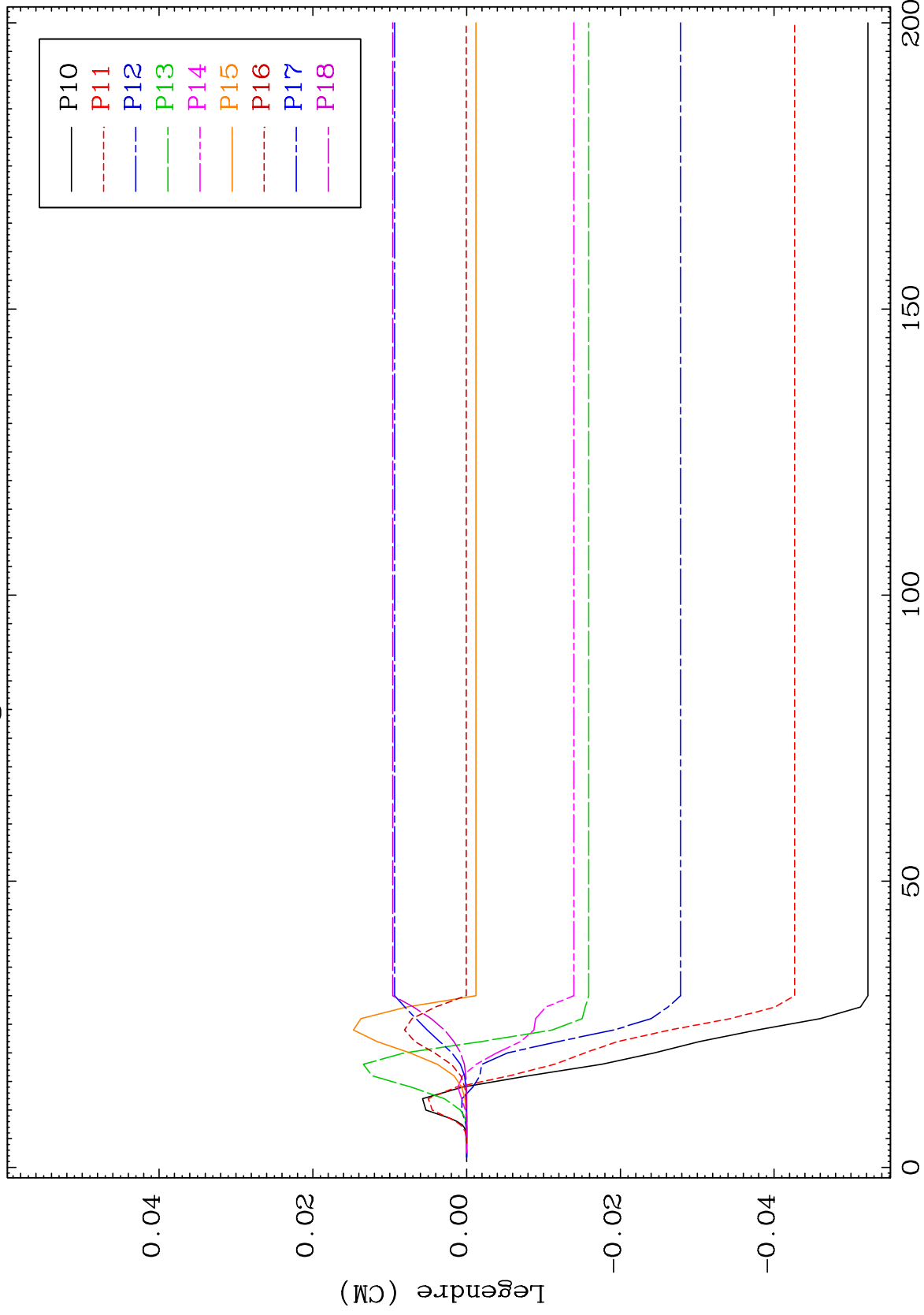
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



34

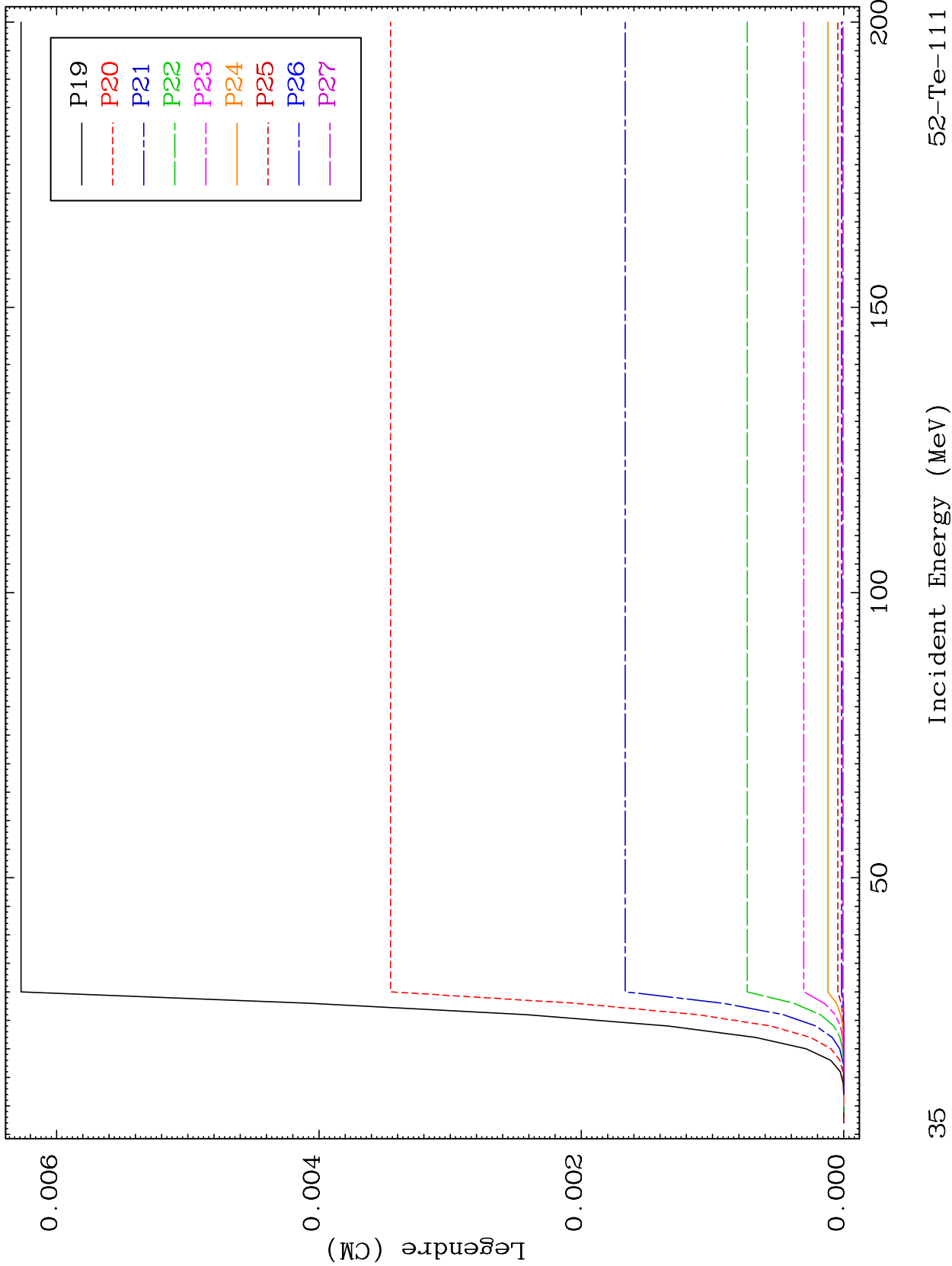
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



35

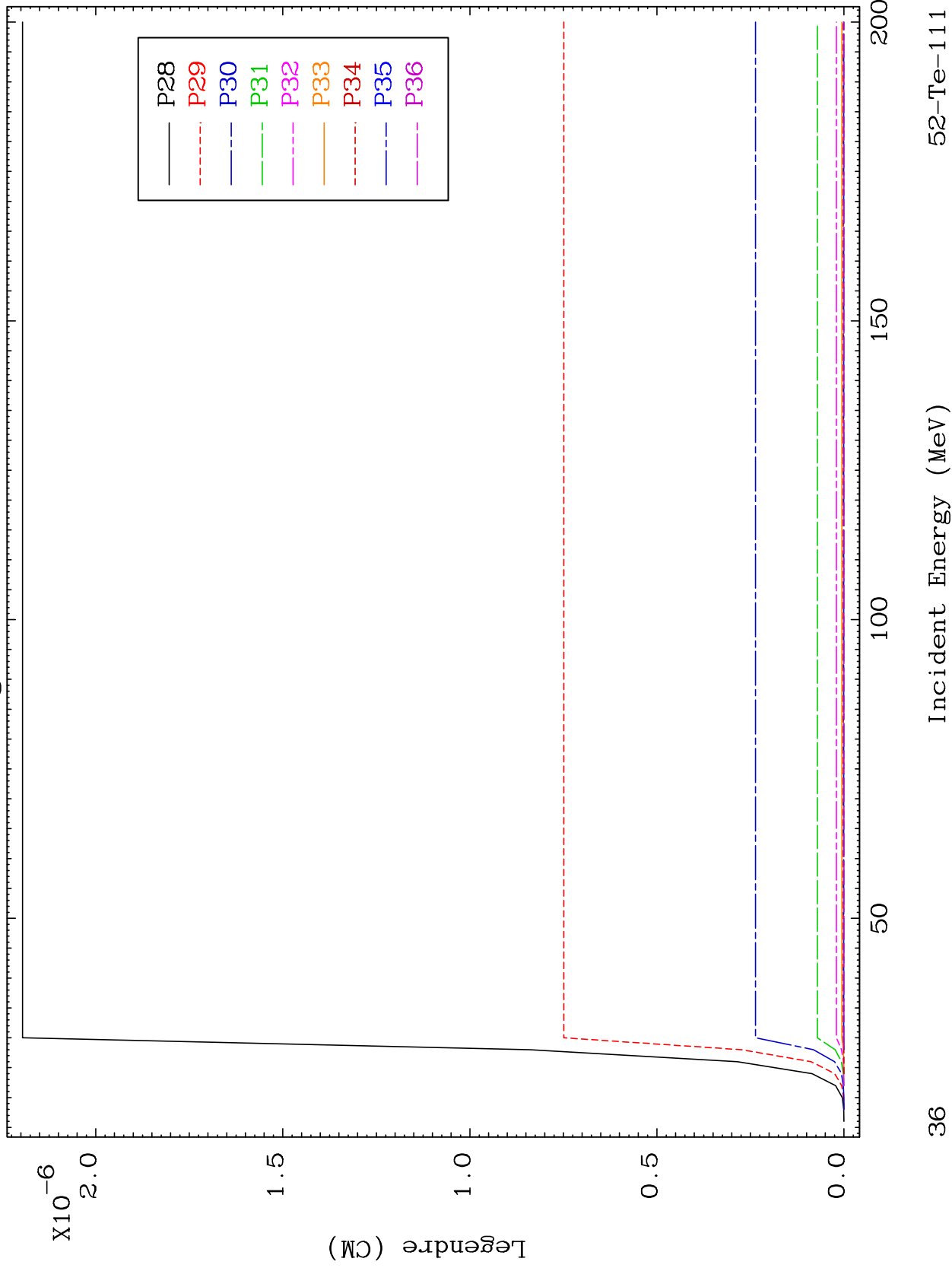
Incident Energy (MeV)

52-Te-111

MAT 5198

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

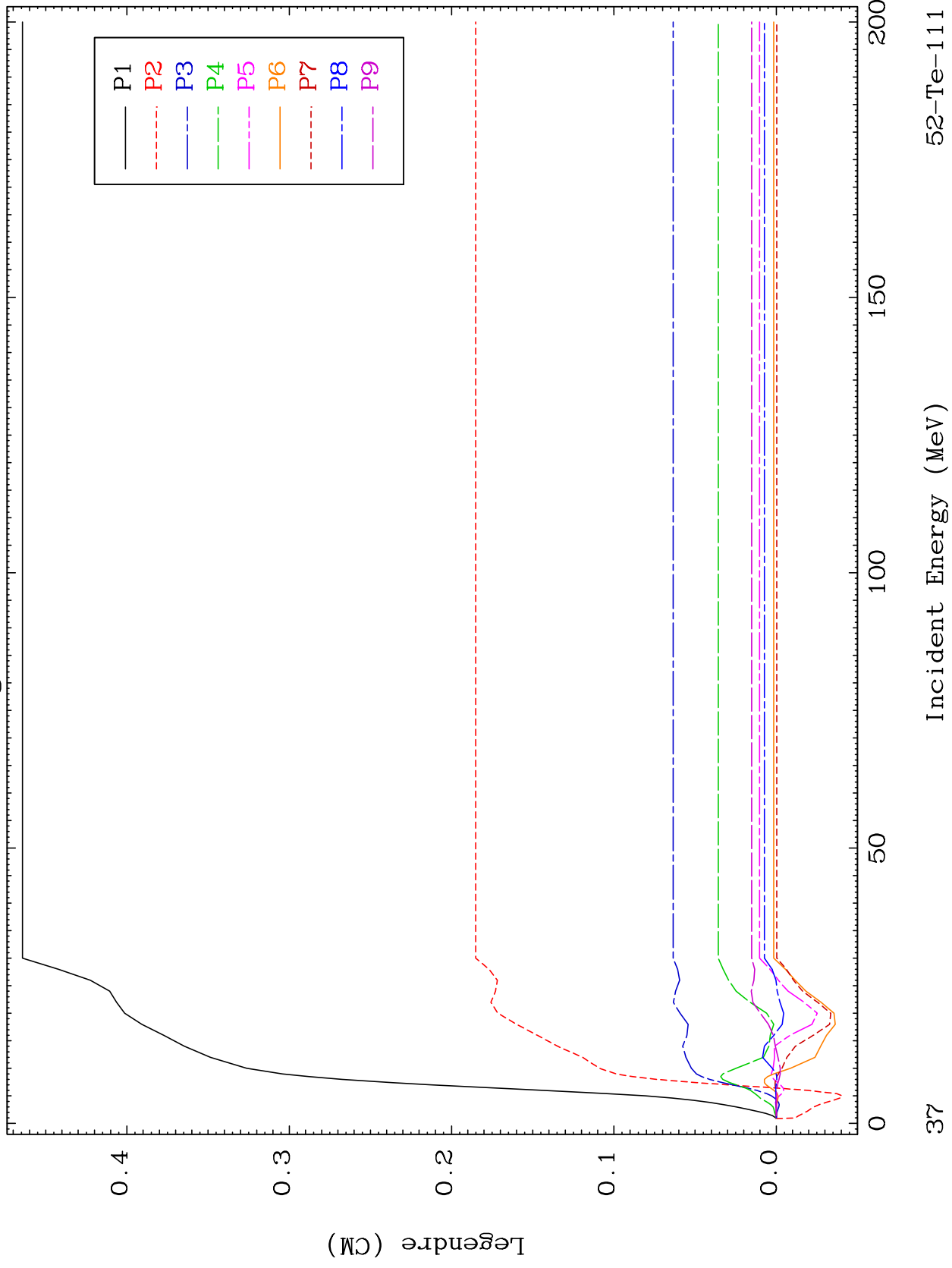
52-Te-111



MAT 5198

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

52-Te-111



37

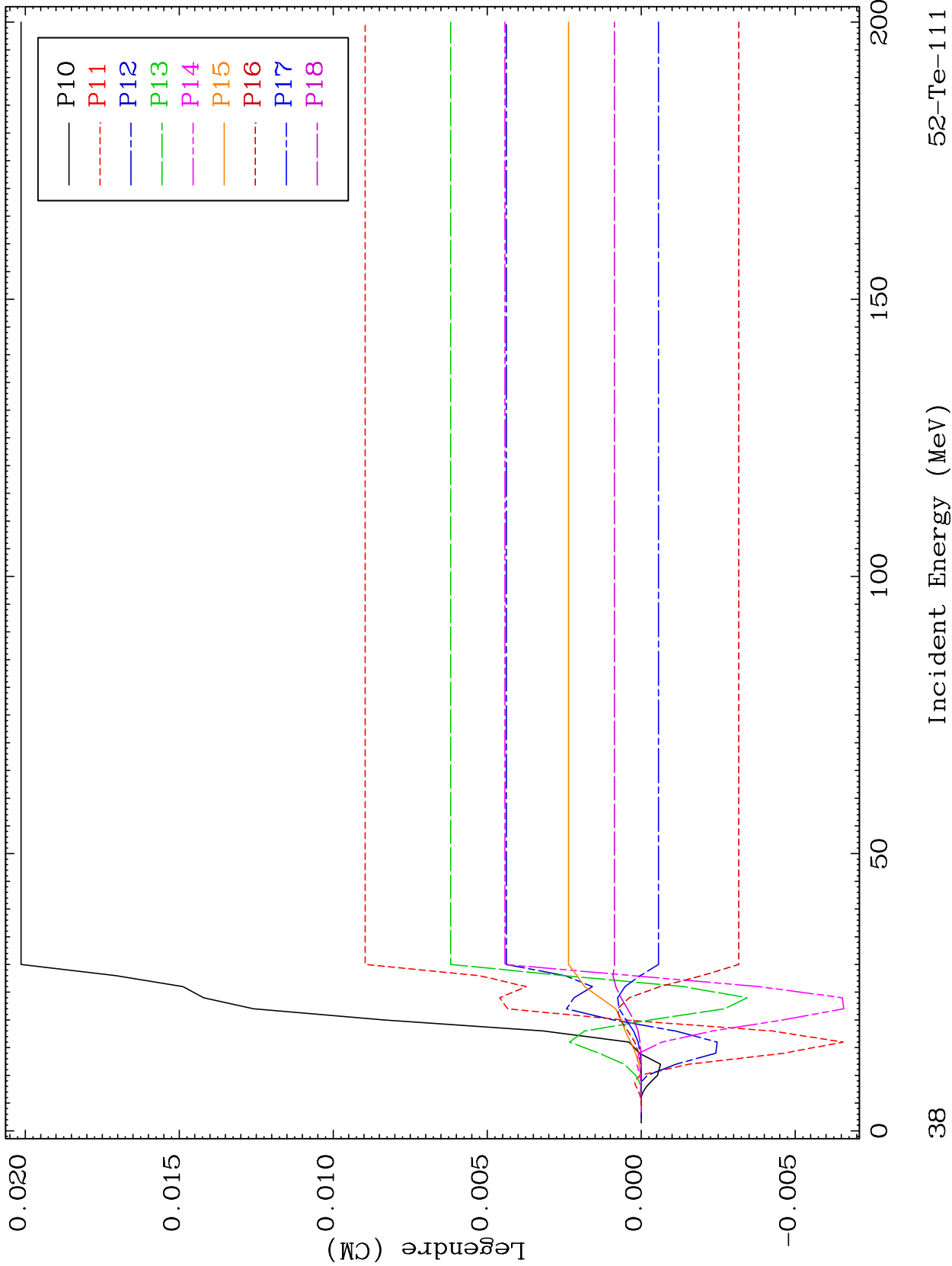
Incident Energy (MeV)

52-Te-111

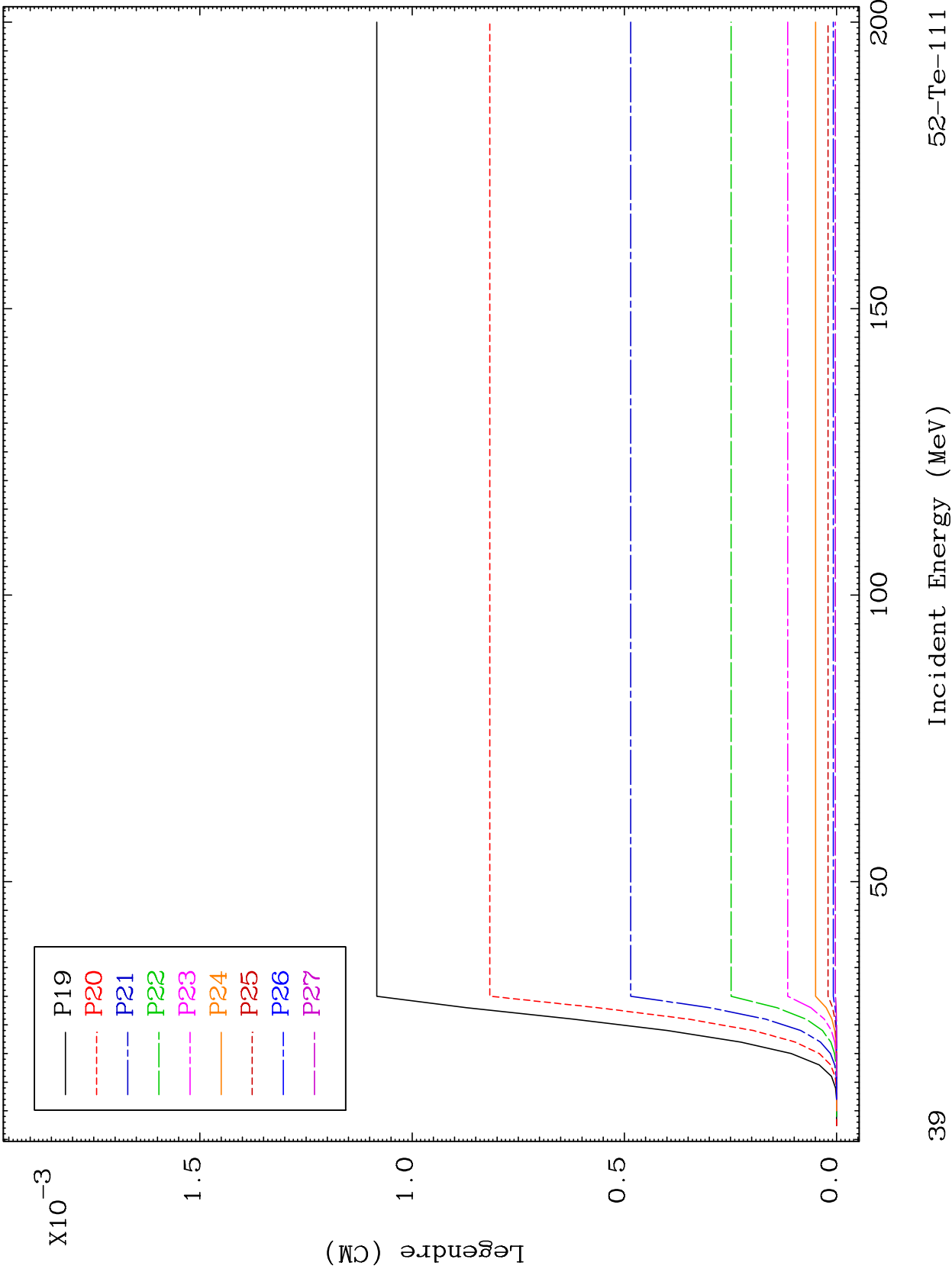
MAT 5198

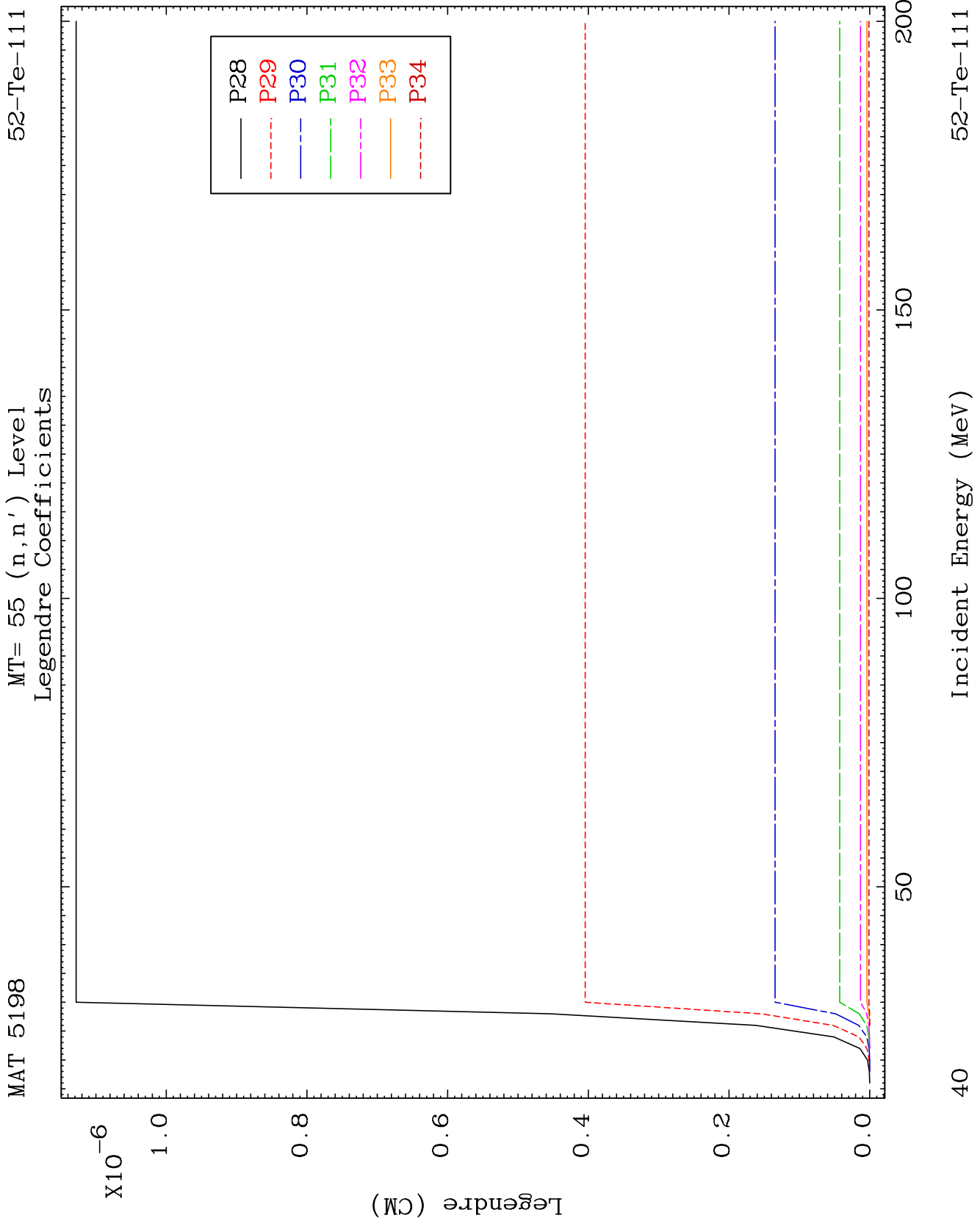
MT= 55 (n,n') Level
Legendre Coefficients

52-Te-111



38

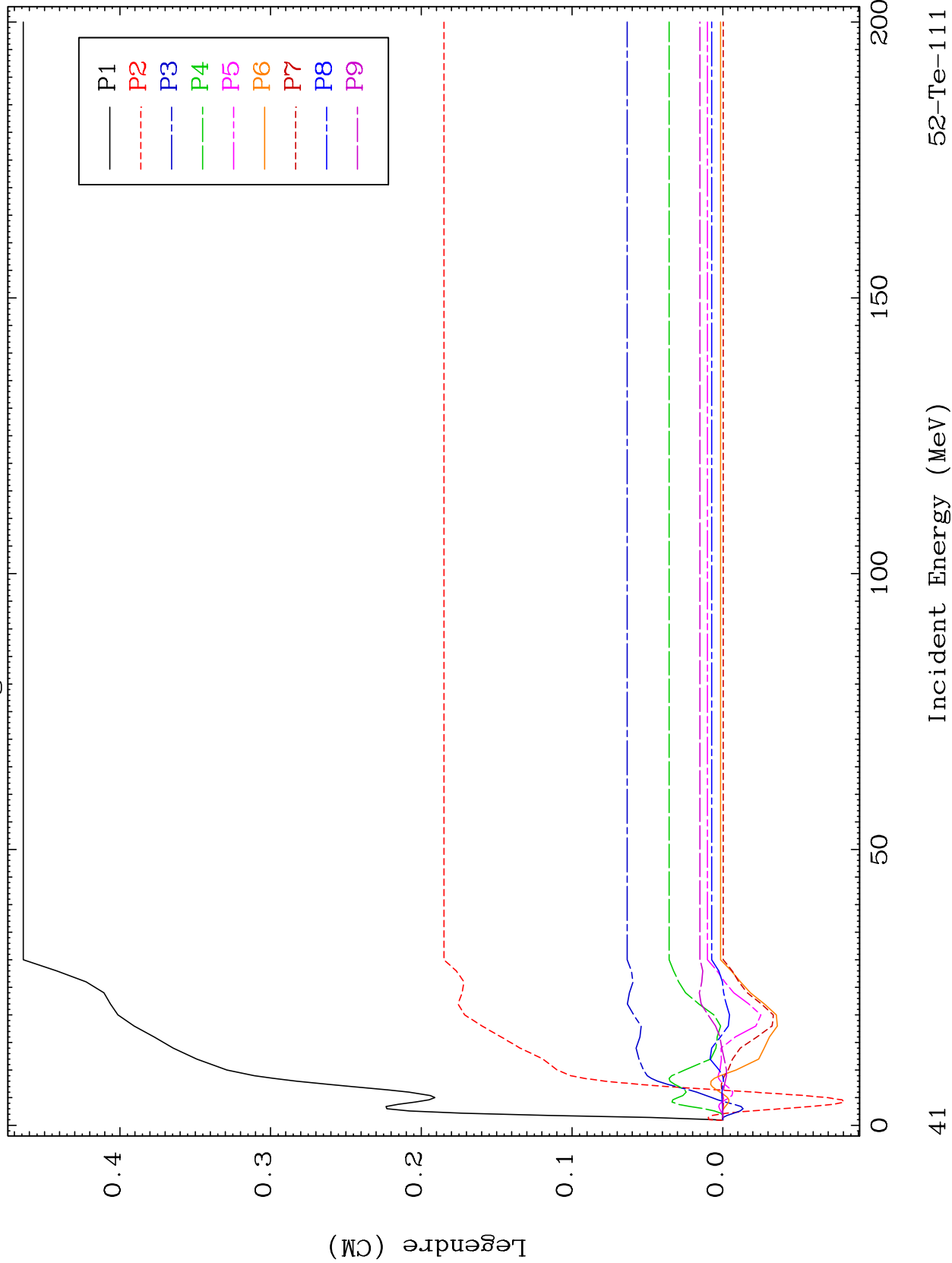




MAT 5198

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

52-Te-111



52-Te-111

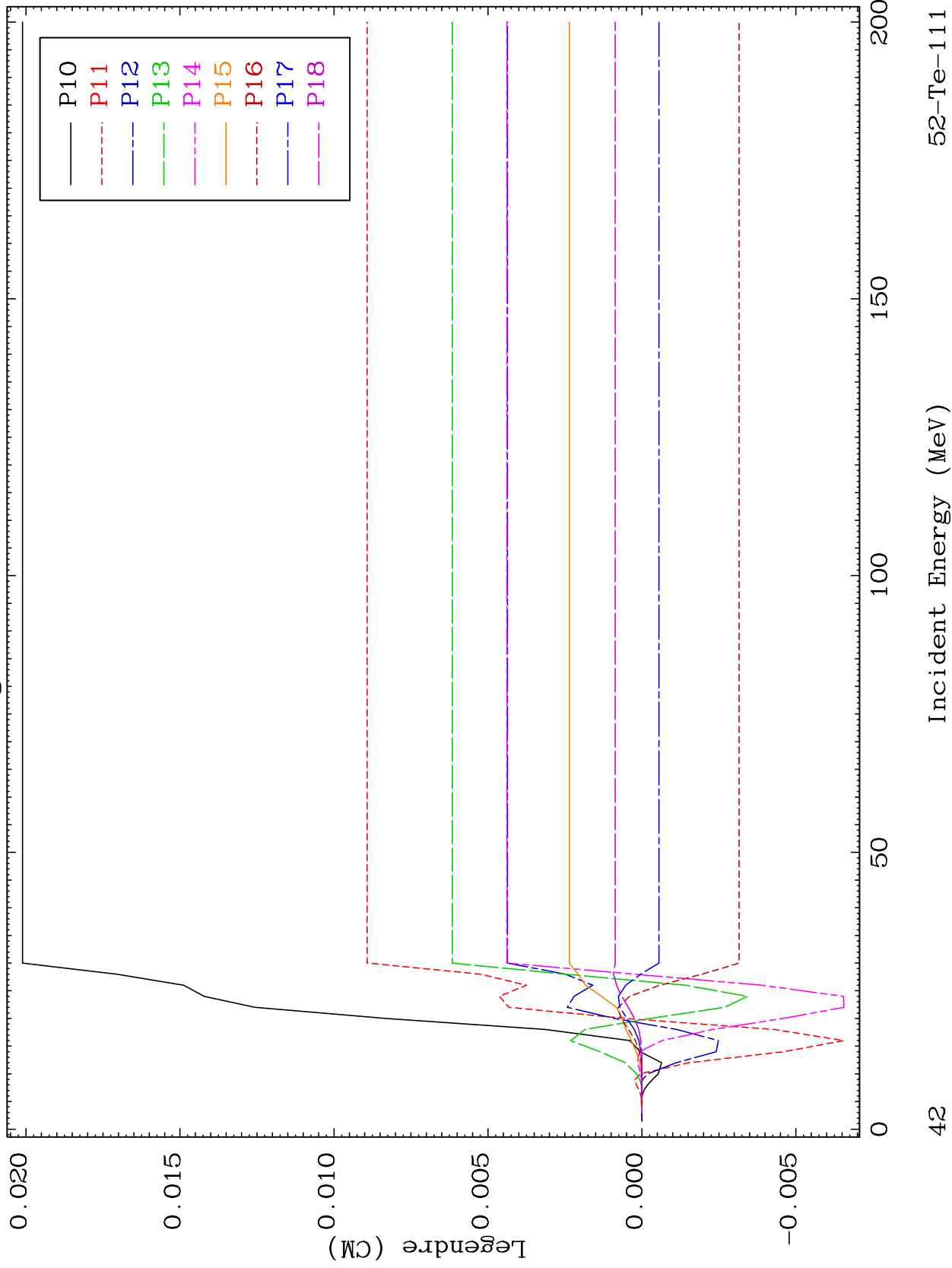
Incident Energy (MeV)

41

MAT 5198

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

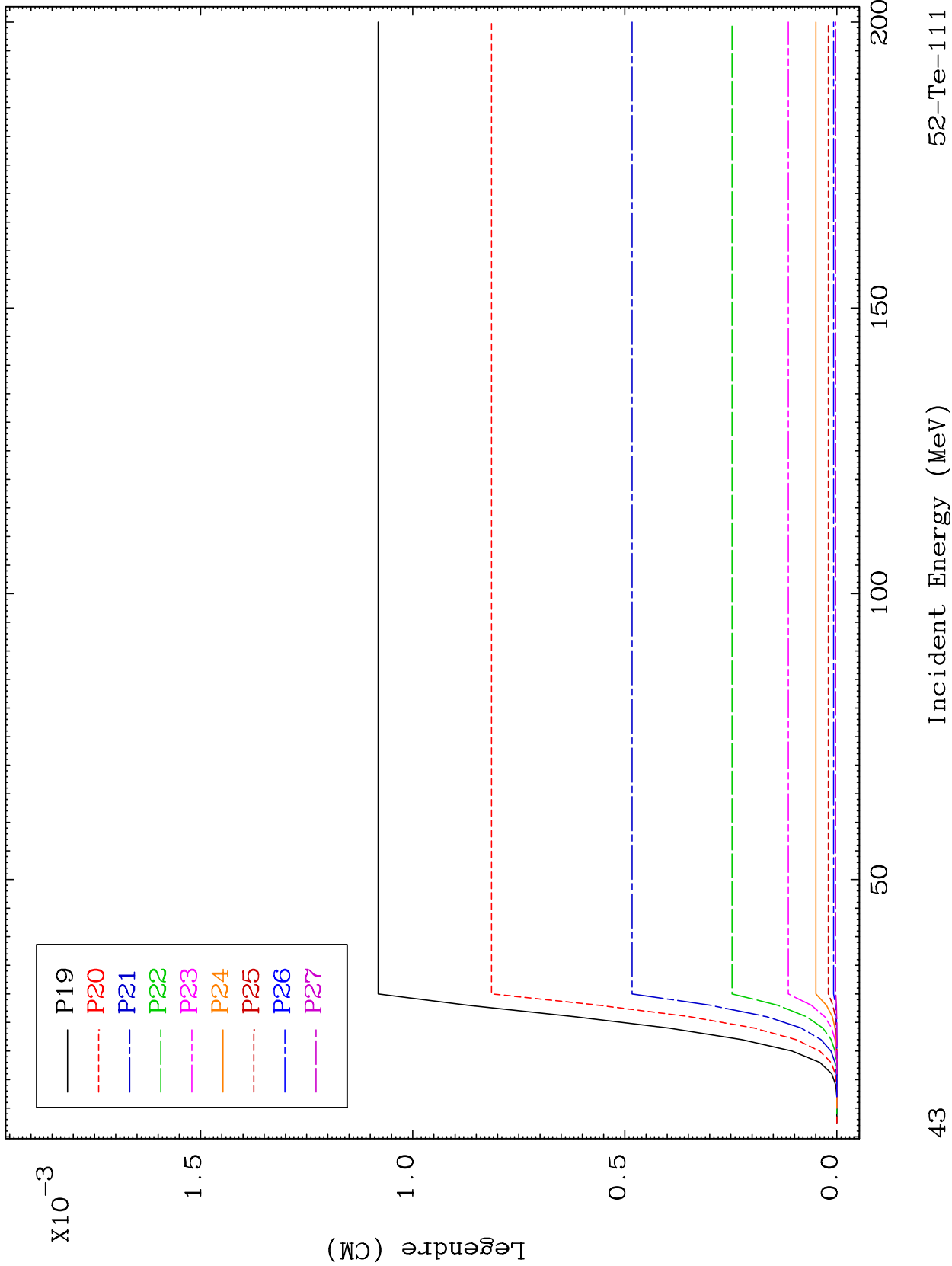
52-Te-111



52-Te-111

Incident Energy (MeV)

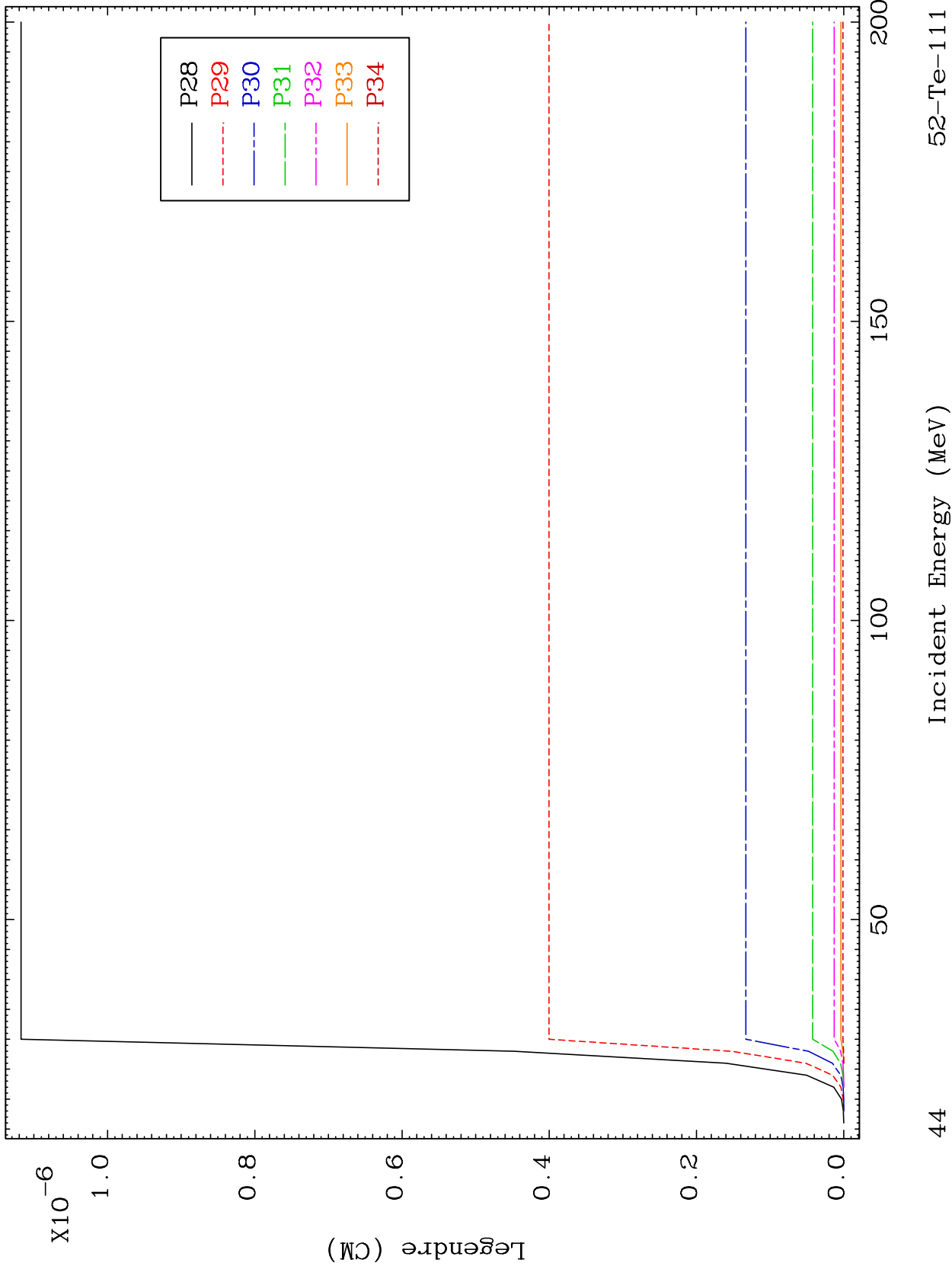
42



MAT 5198

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

52-Te-111



44

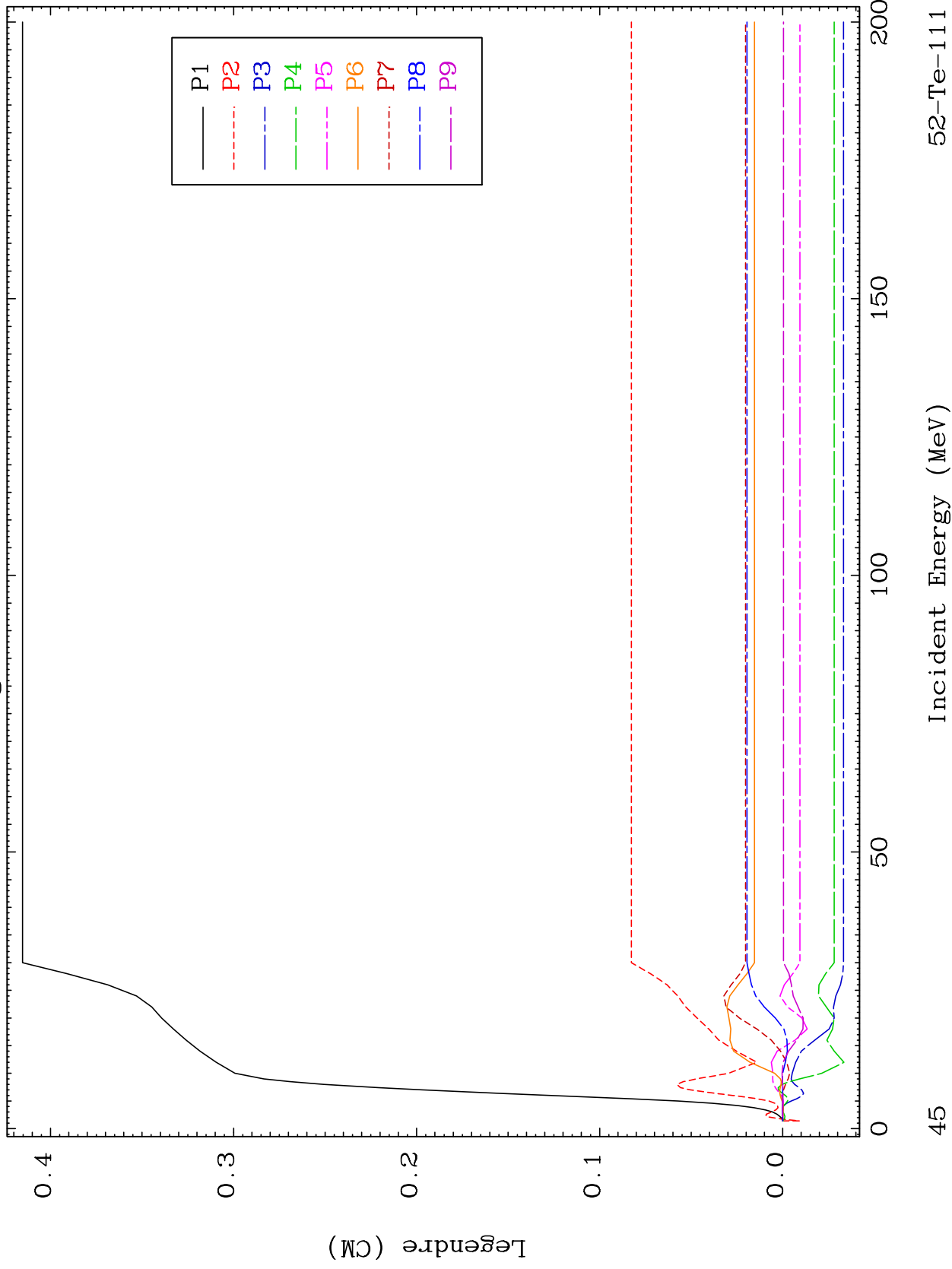
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



52-Te-111

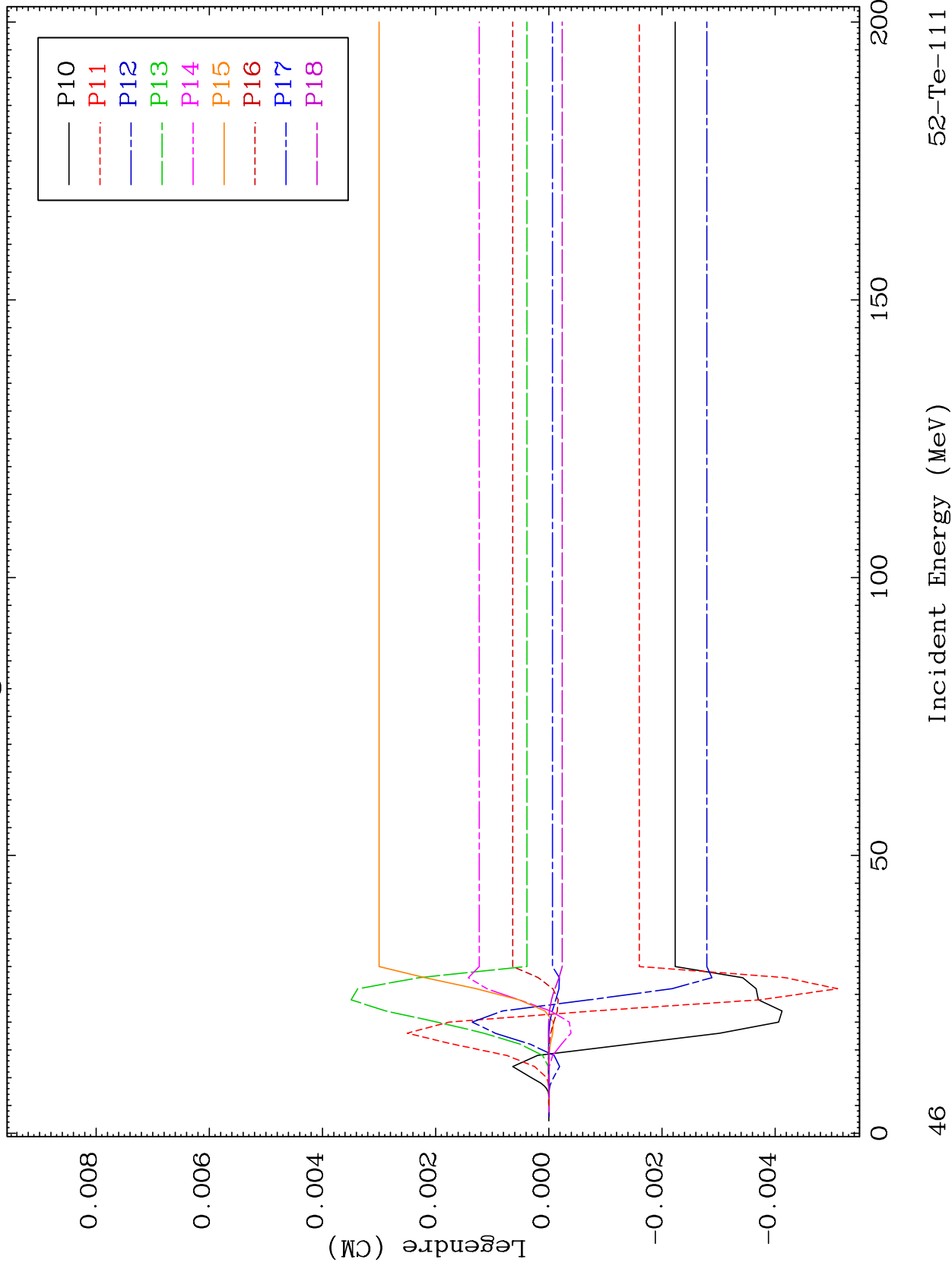
Incident Energy (MeV)

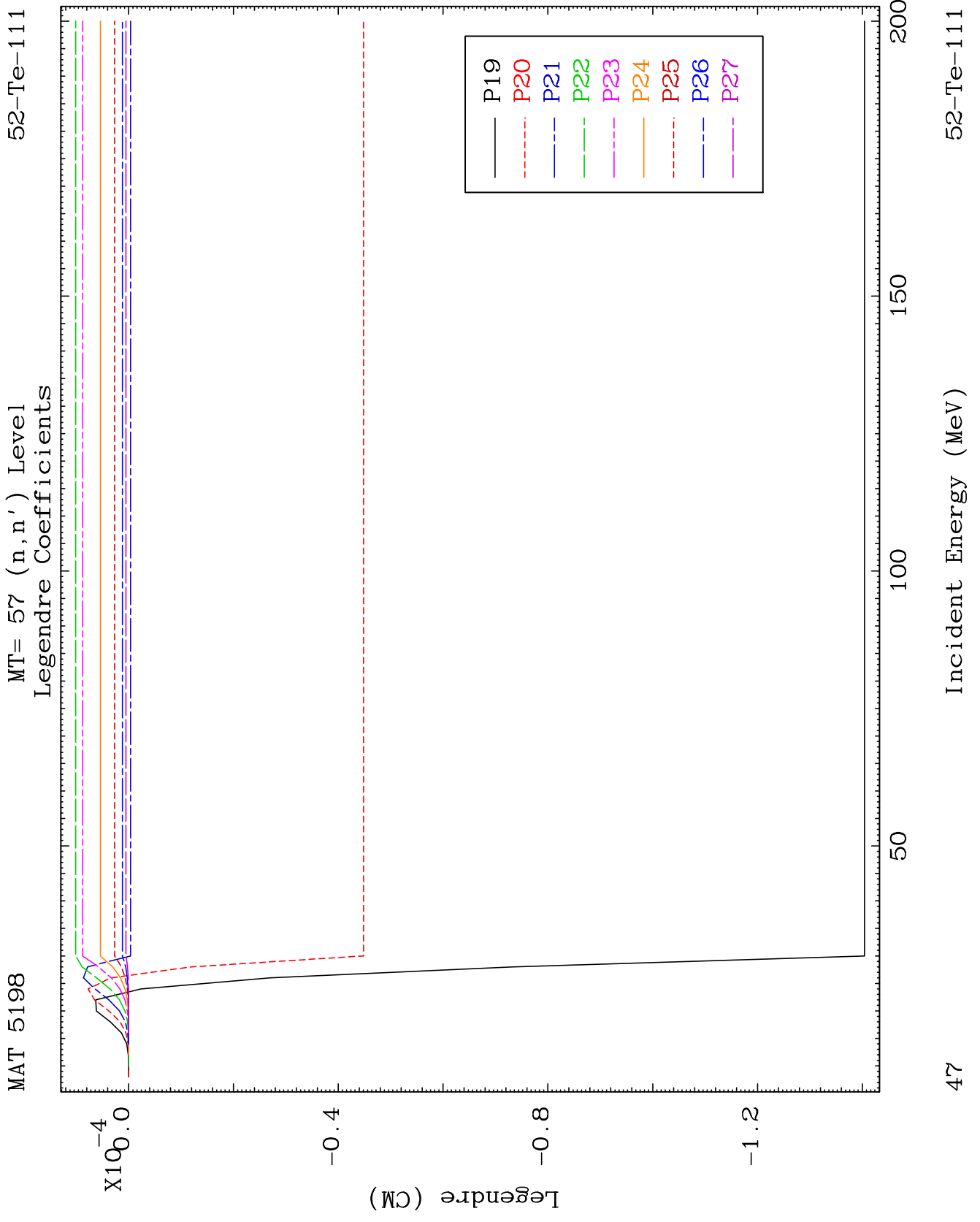
45

MAT 5198

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

52-Te-111

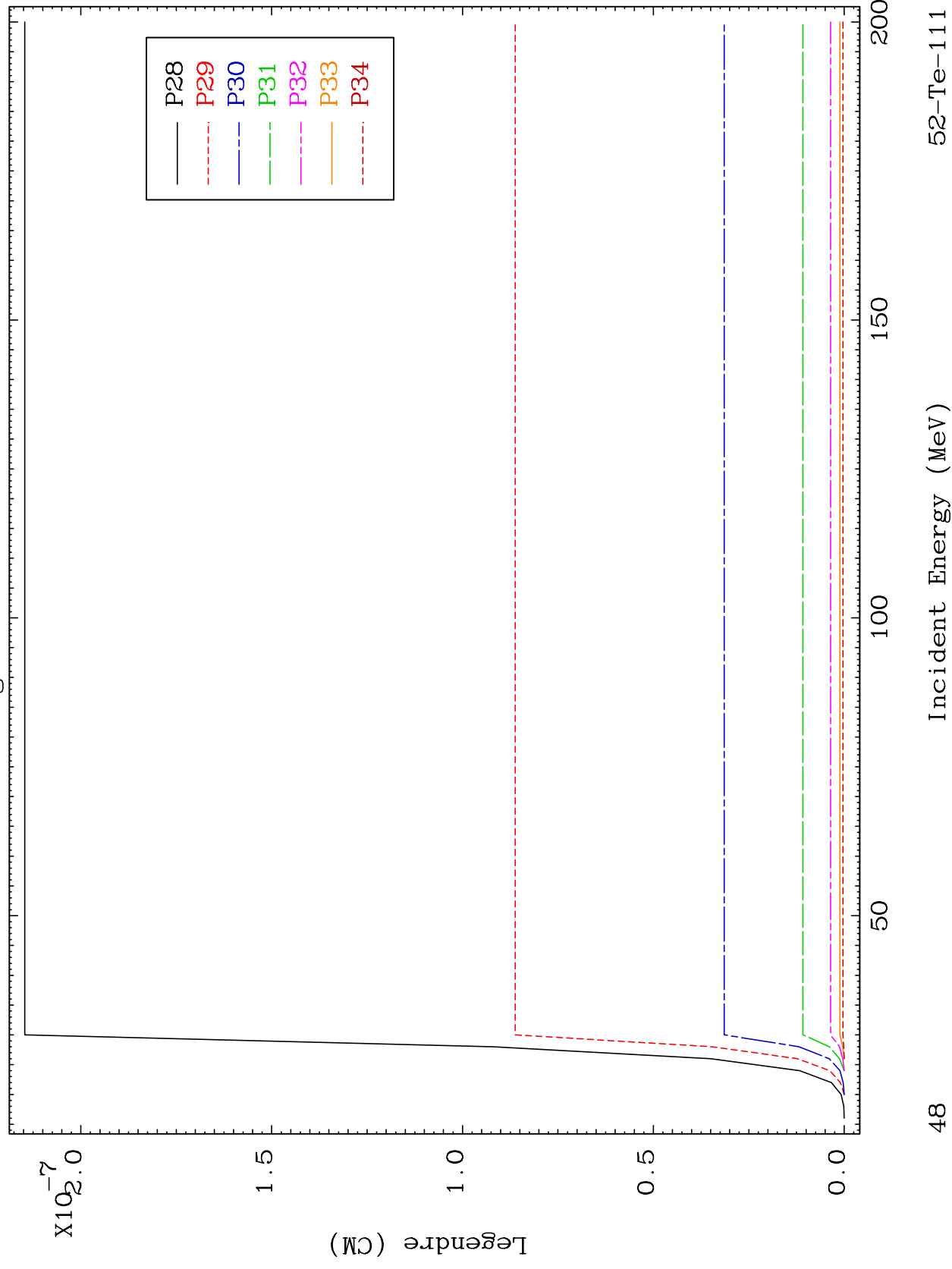




MAT 5198

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

52-Te-111



48

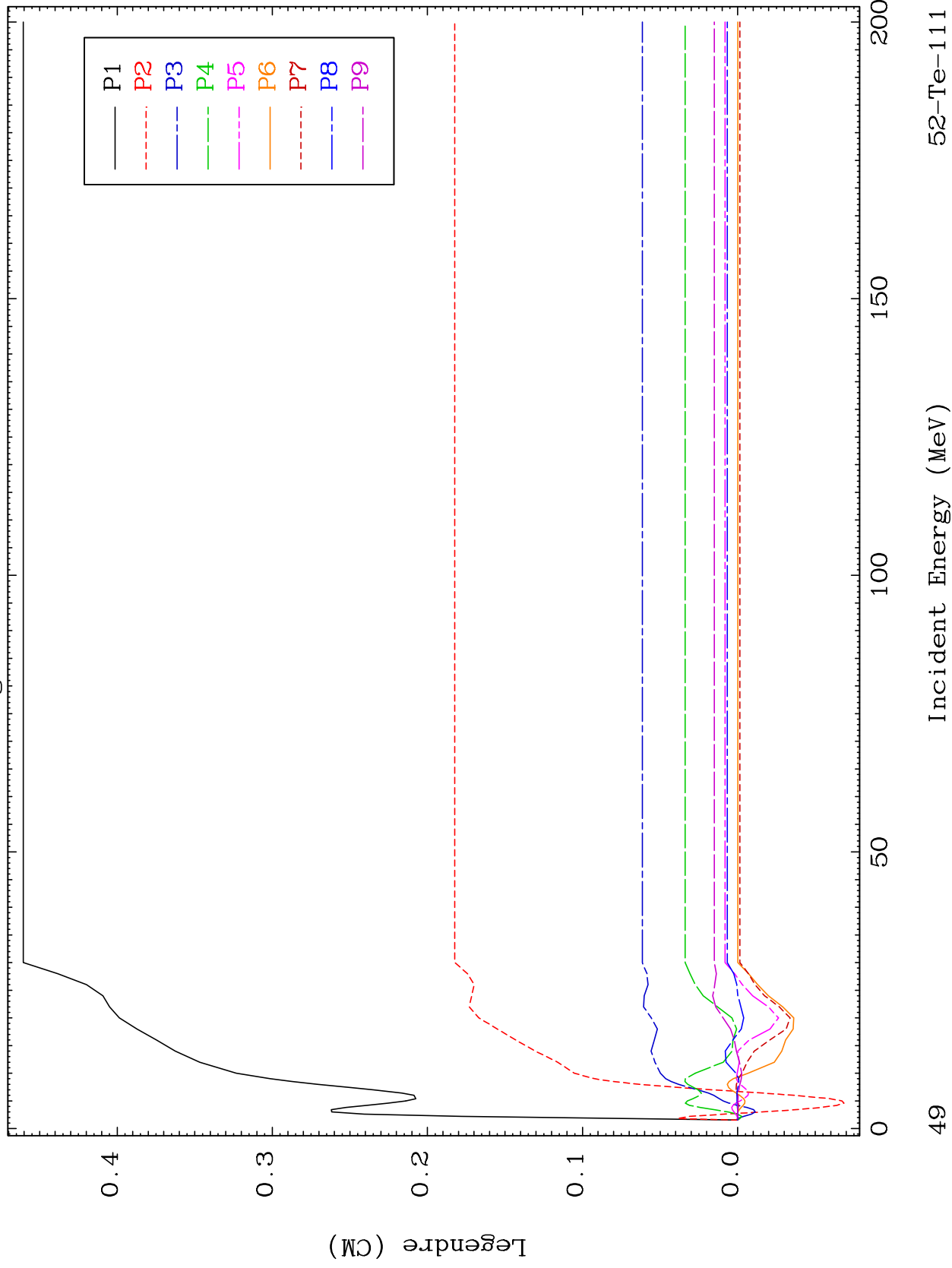
Incident Energy (MeV)

52-Te-111

MAT 5198

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

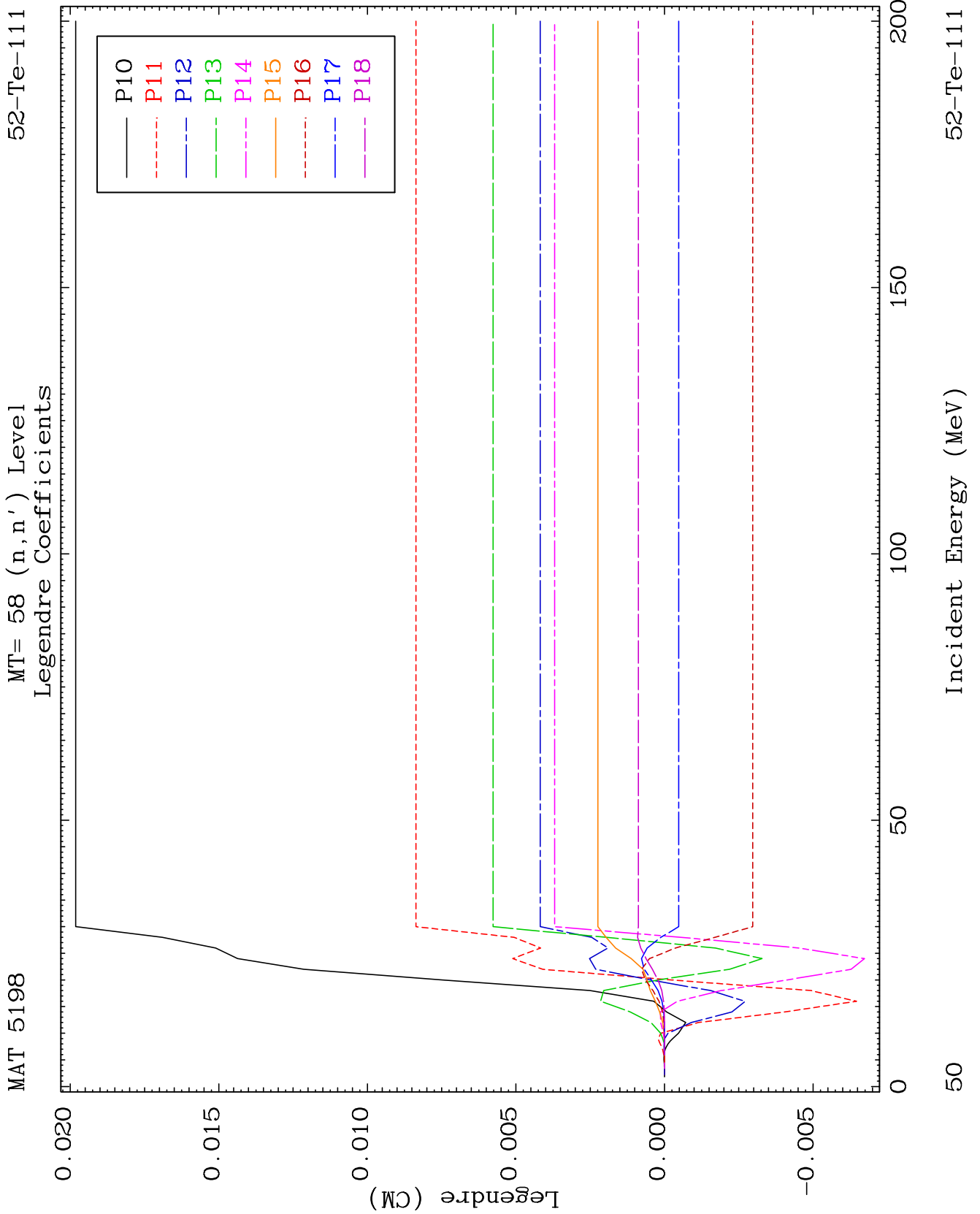
52-Te-111

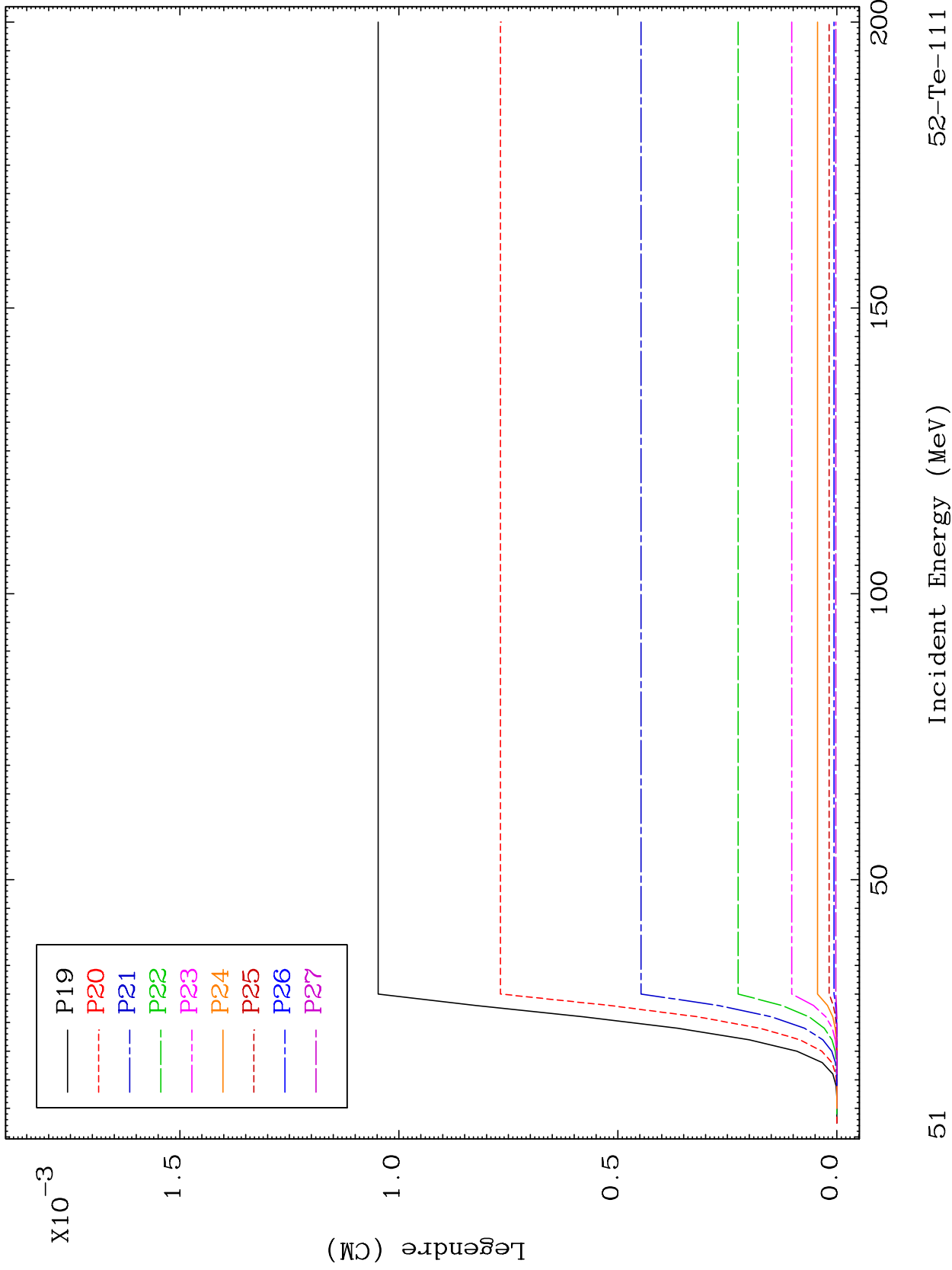


52-Te-111

Incident Energy (MeV)

49

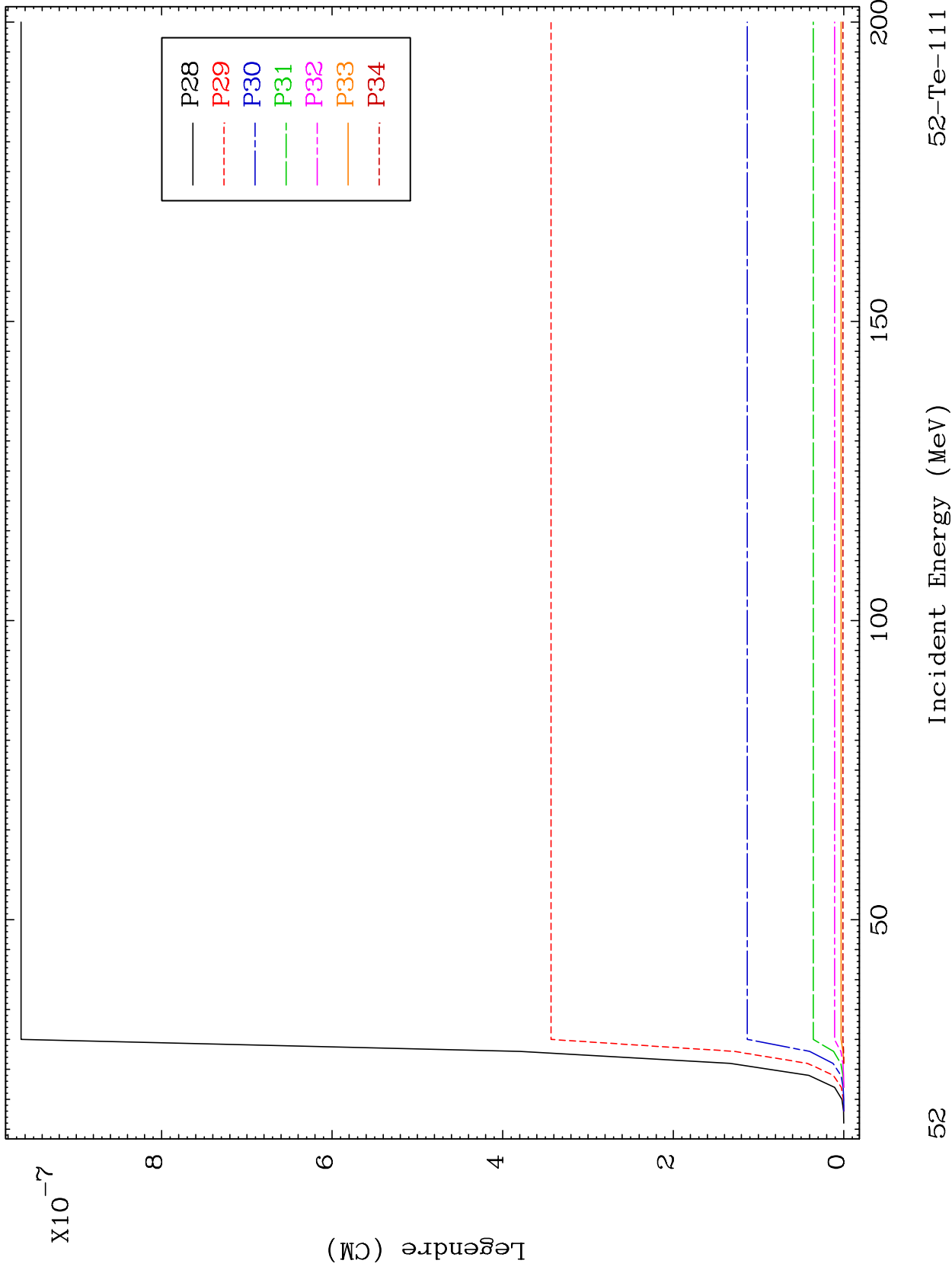




MAT 5198

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

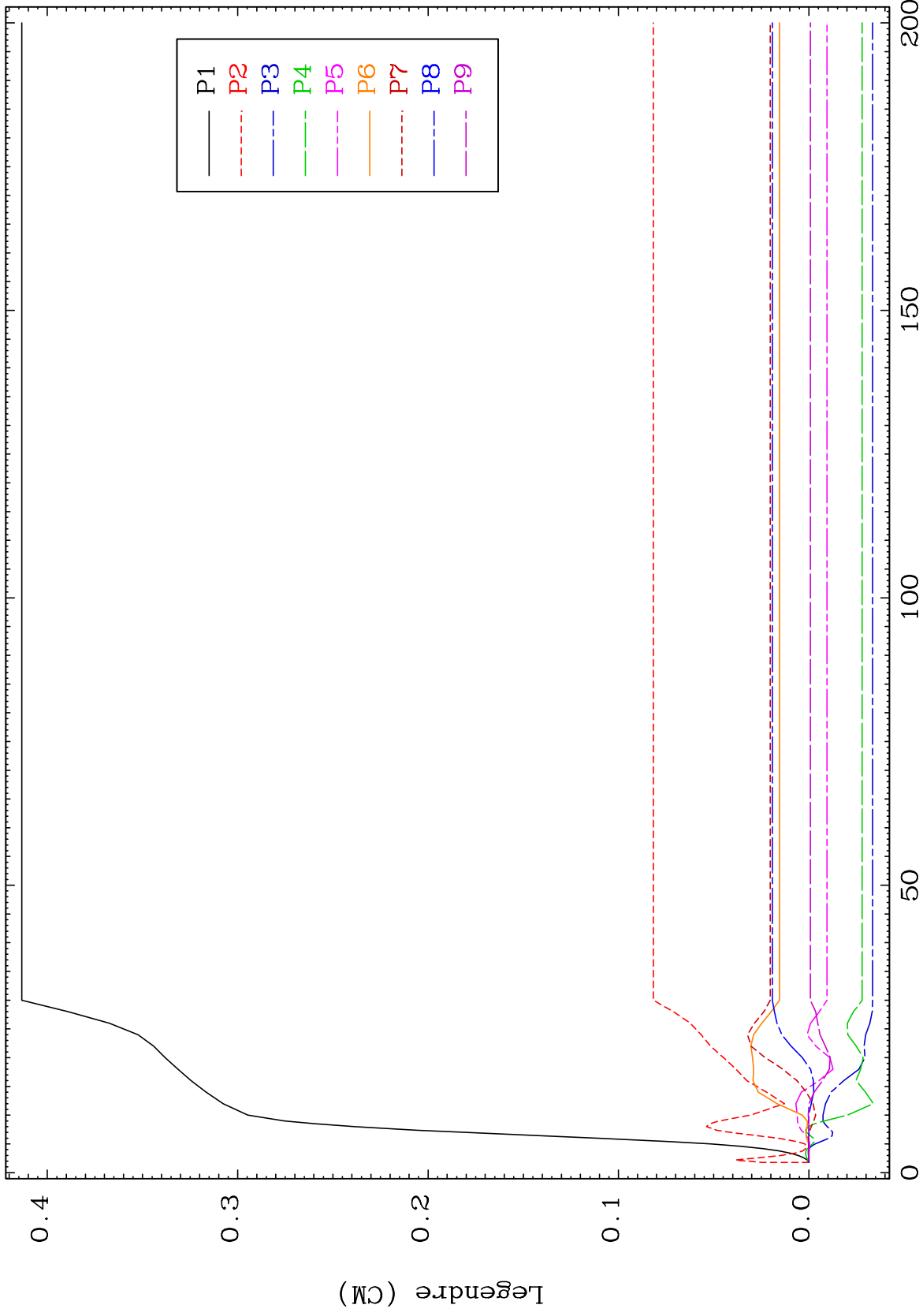
52-Te-111



MAT 5198

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

52-Te-111



53

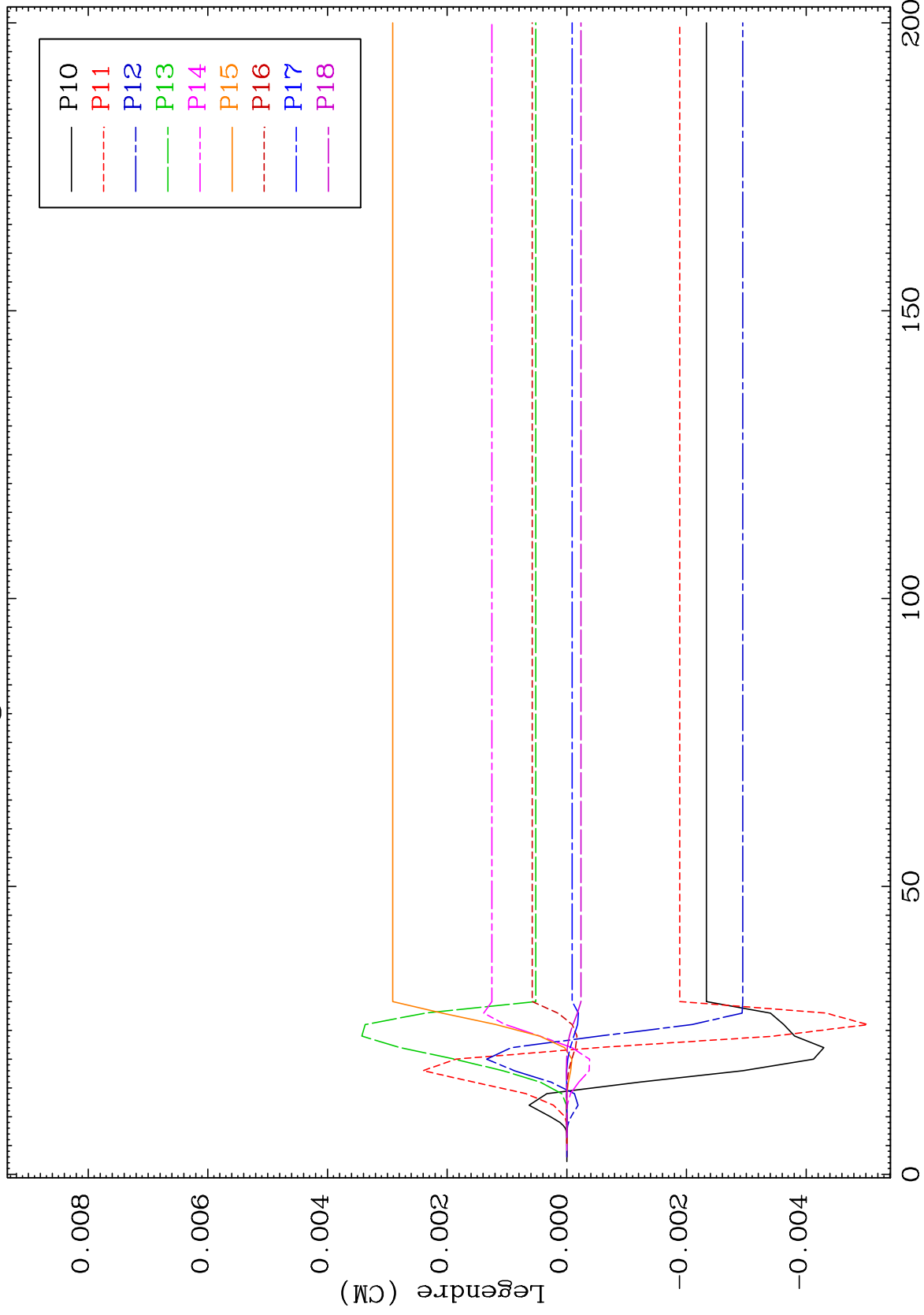
Incident Energy (MeV)

52-Te-111

MAT 5198

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

52-Te-111



54

Incident Energy (MeV)

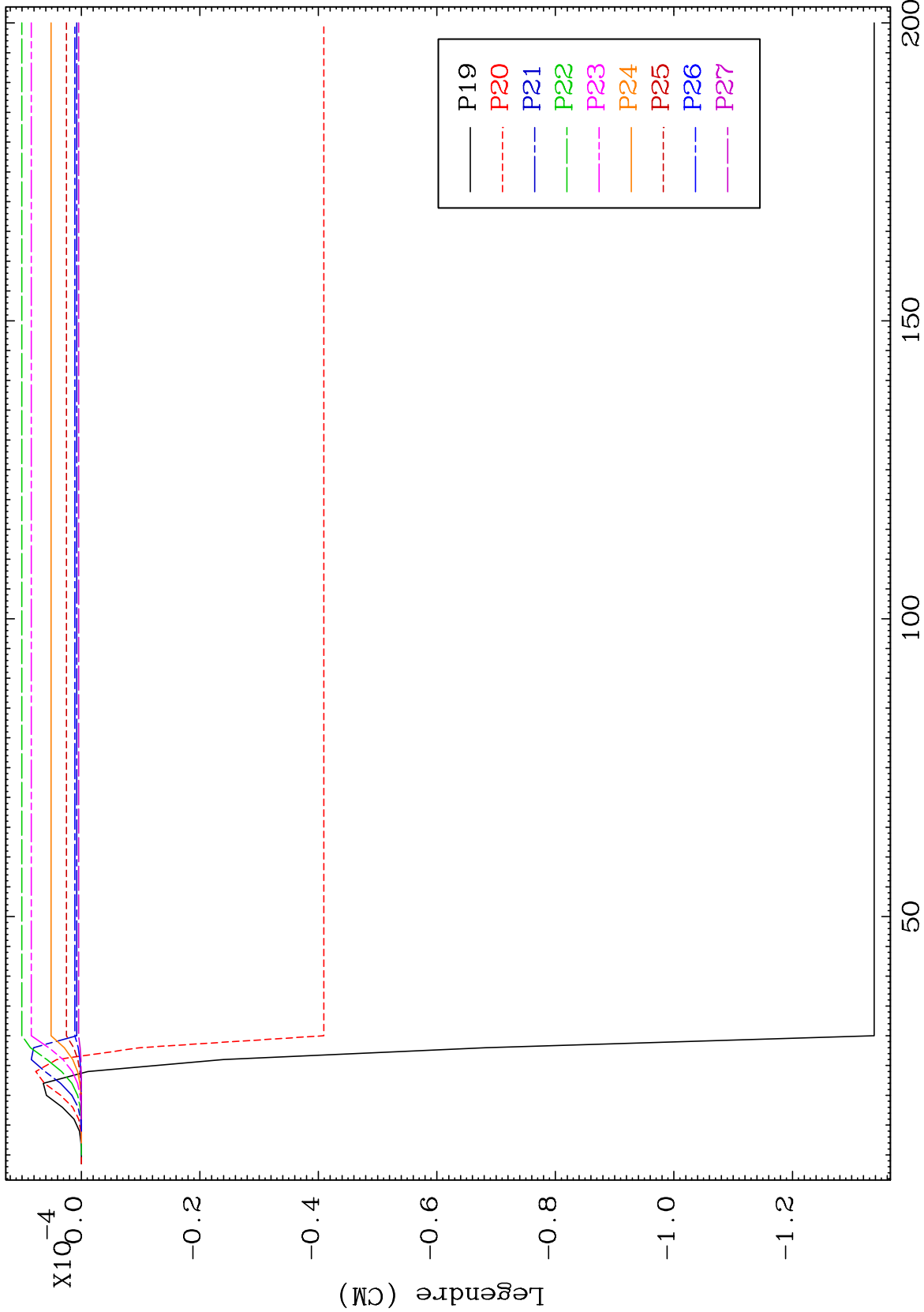
52-Te-111

MAT 5198

MT= 59 (n,n') Level

52-Te-111

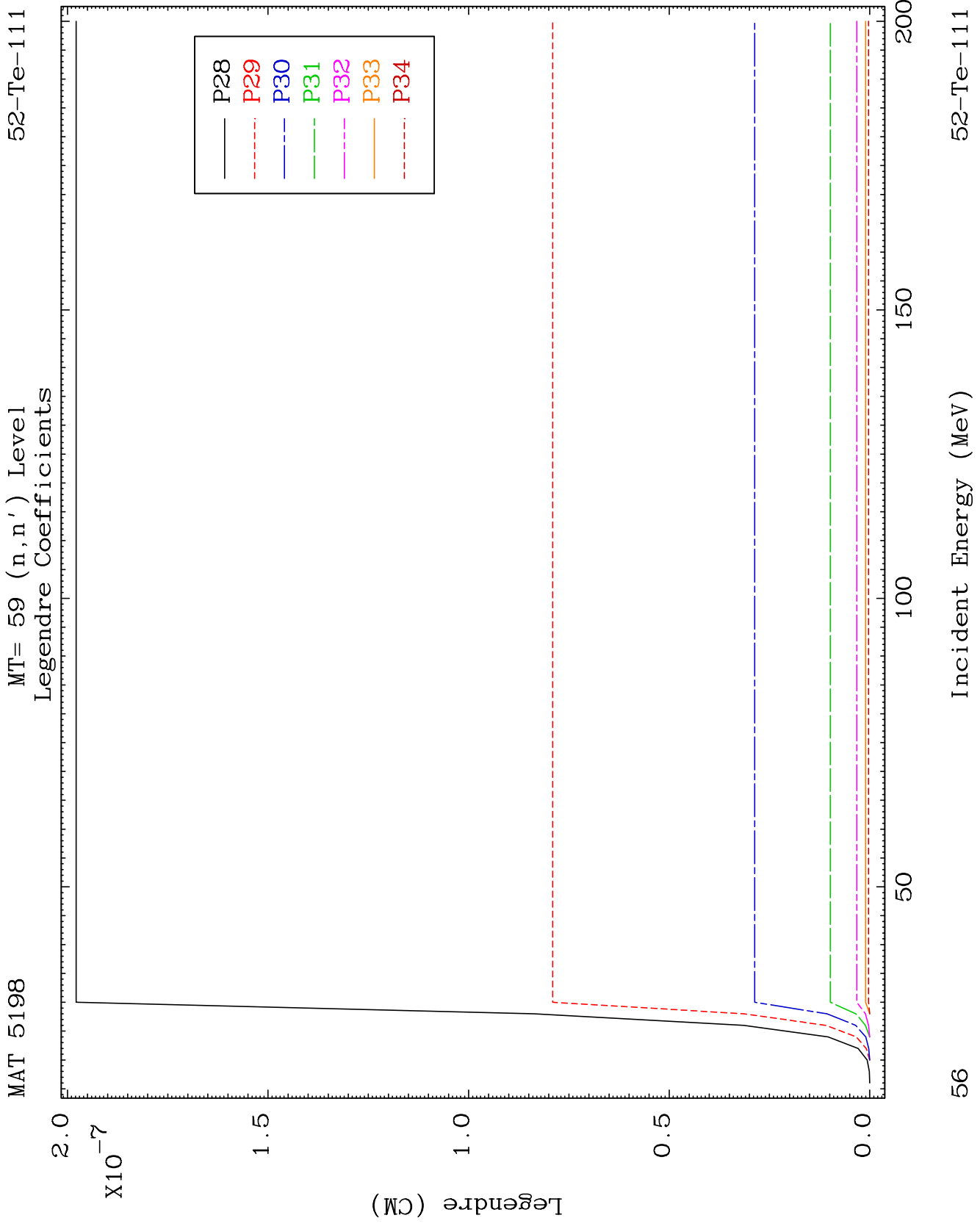
Legendre Coefficients



55

Incident Energy (MeV)

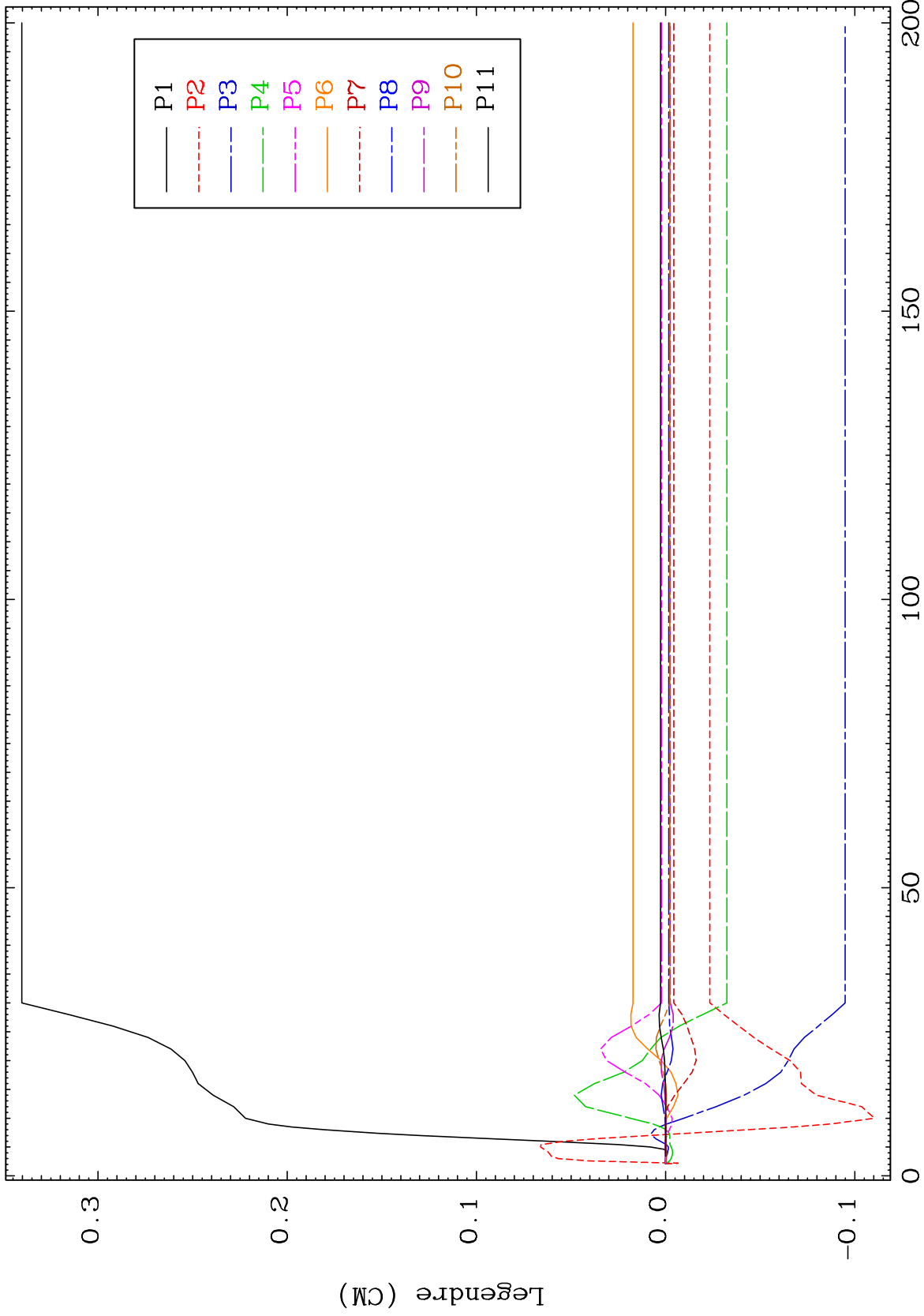
52-Te-111



MAT 5198

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

52-Te-111



57

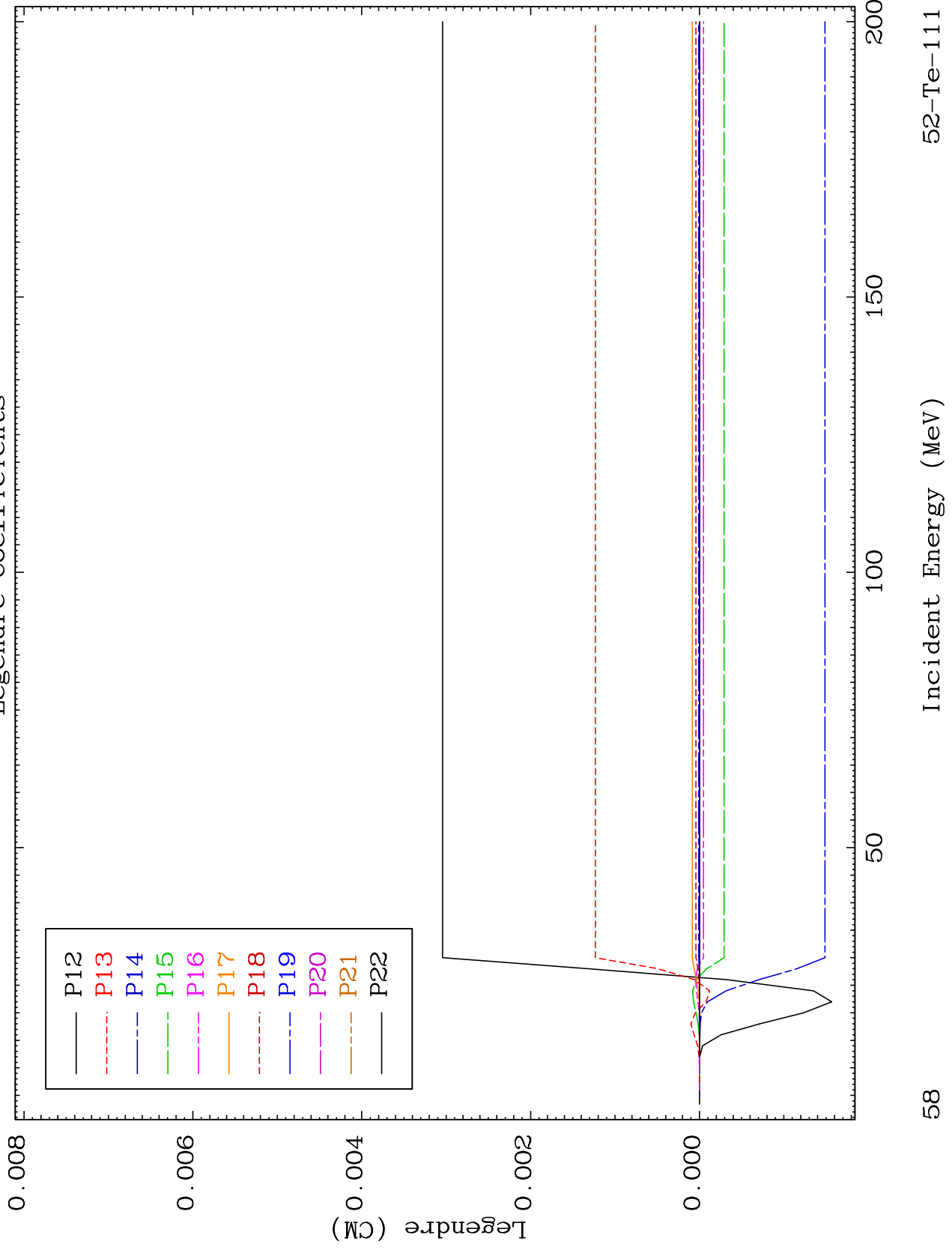
Incident Energy (MeV)

52-Te-111

MAT 5198

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

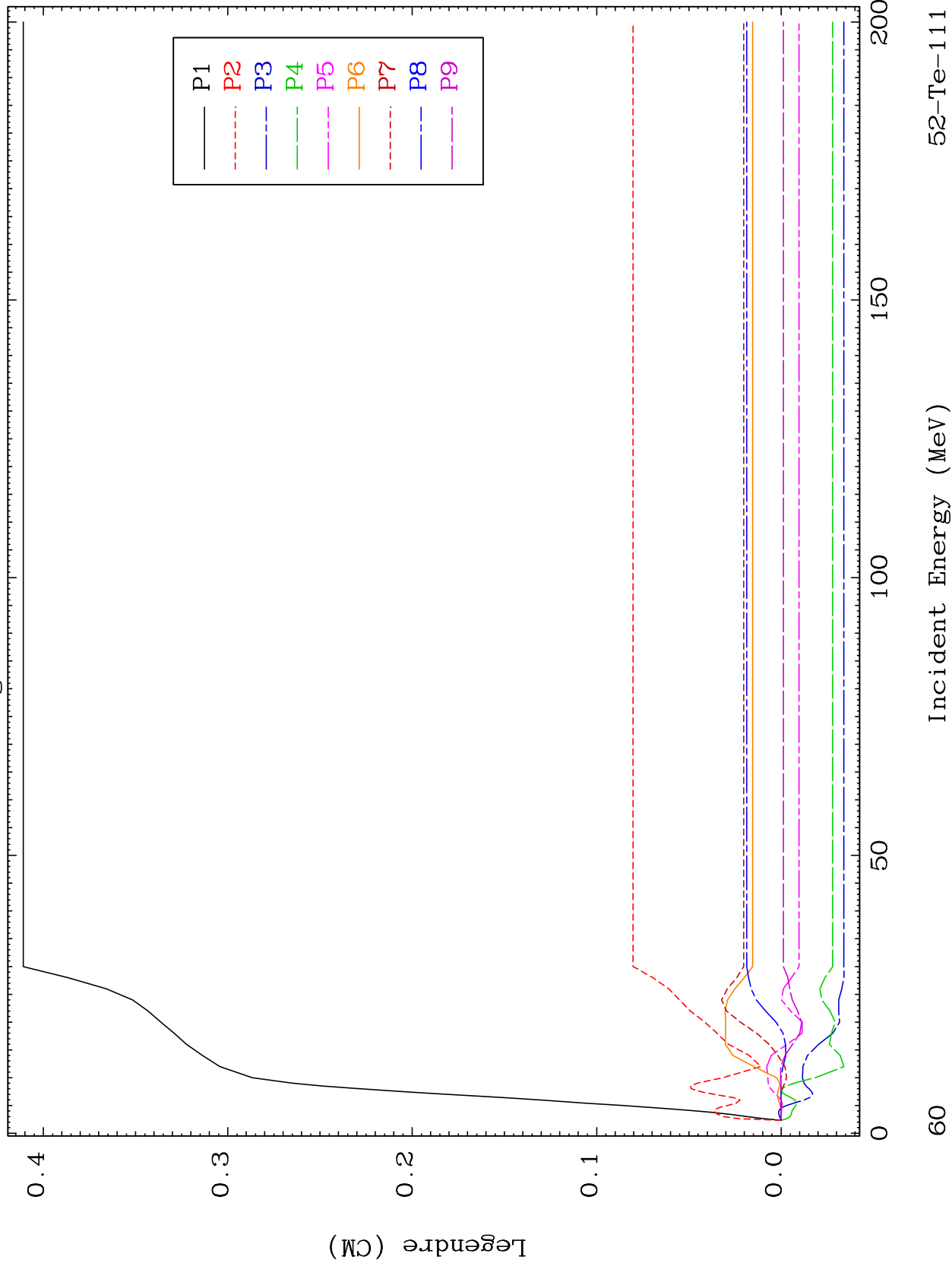
52-Te-111



MAT 5198

MT= 61 (n,n') Level
Legendre Coefficients

52-Te-111



52-Te-111

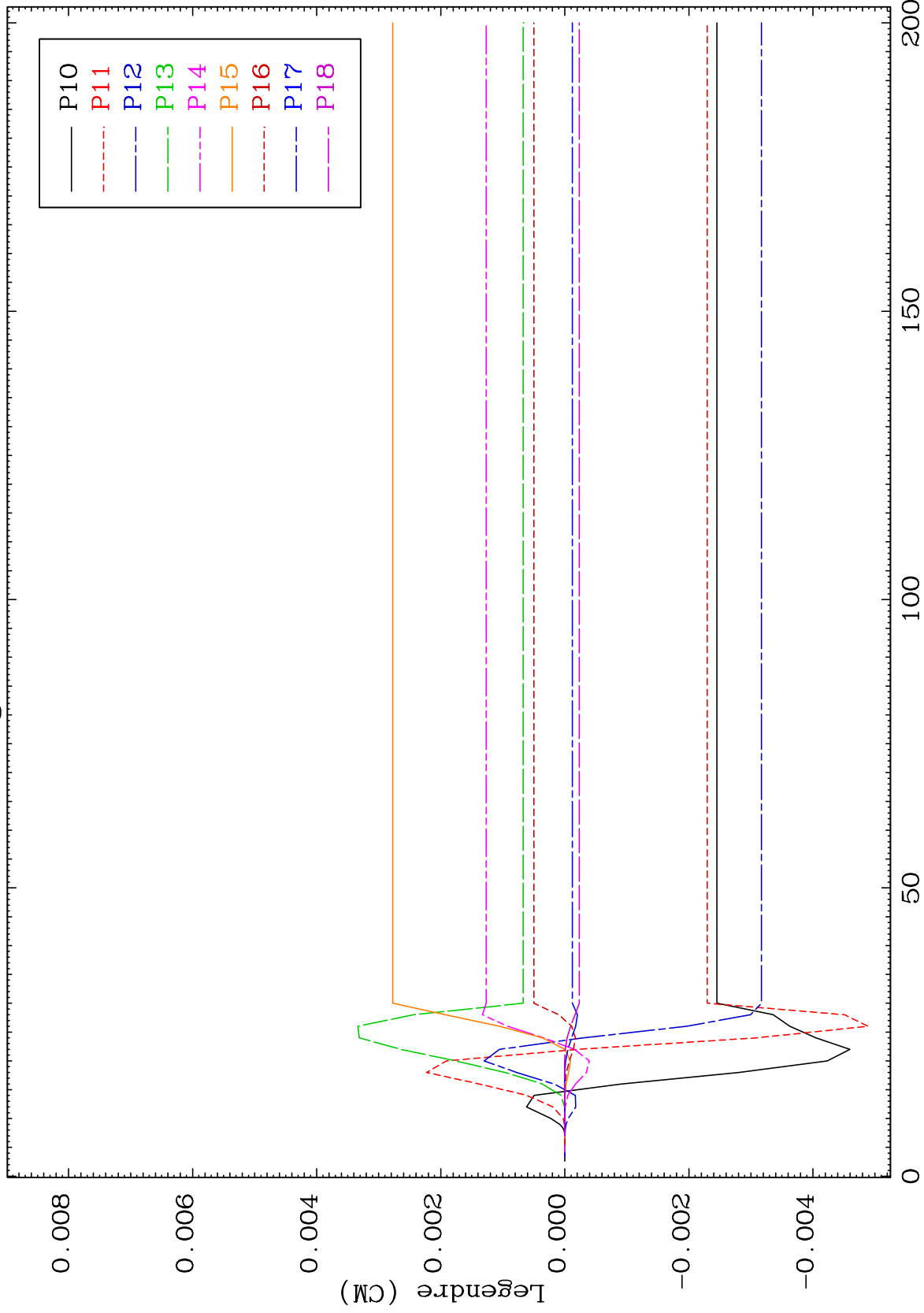
Incident Energy (MeV)

60

MAT 5198

MT= 61 (n,n') Level
Legendre Coefficients

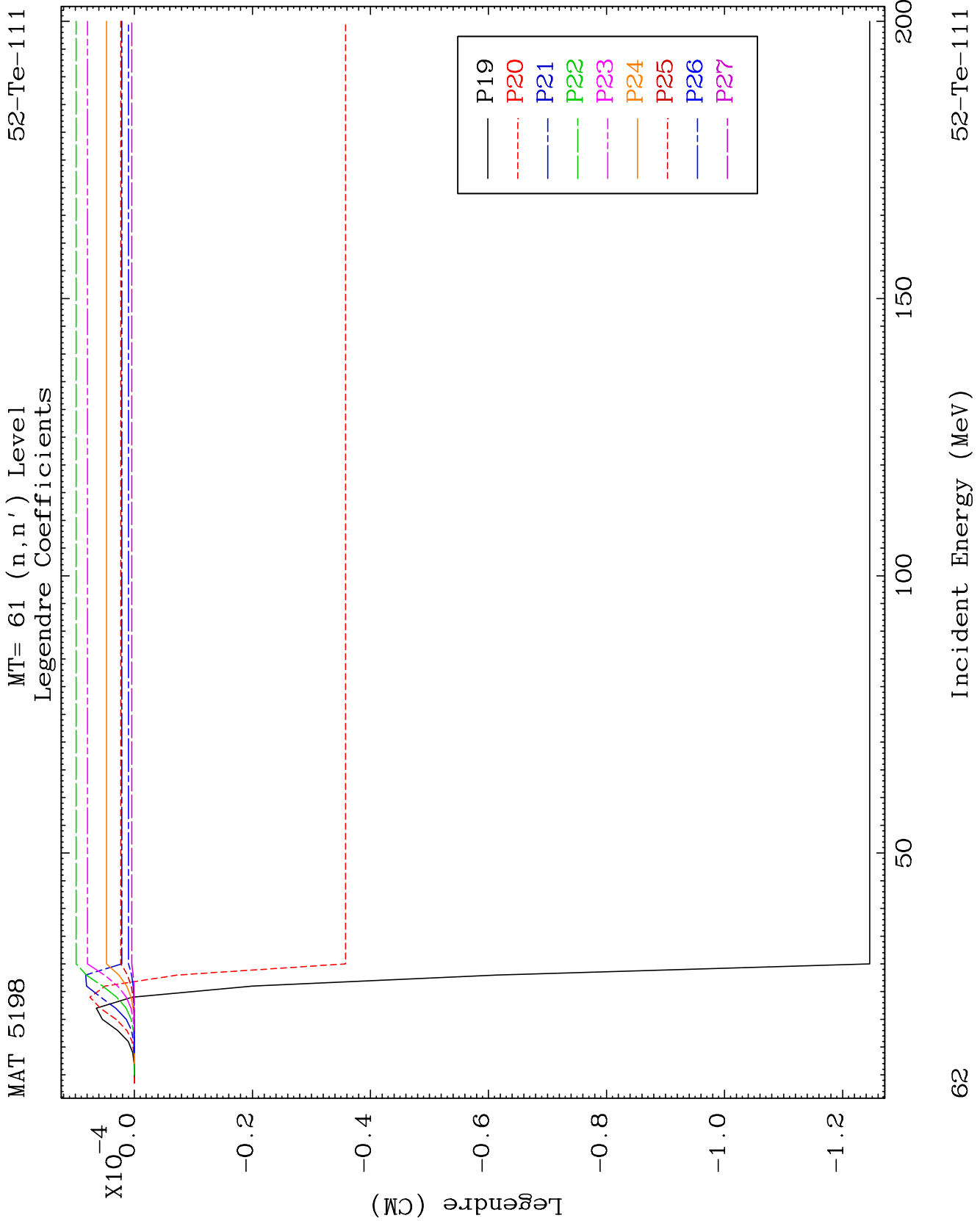
52-Te-111



61

Incident Energy (MeV)

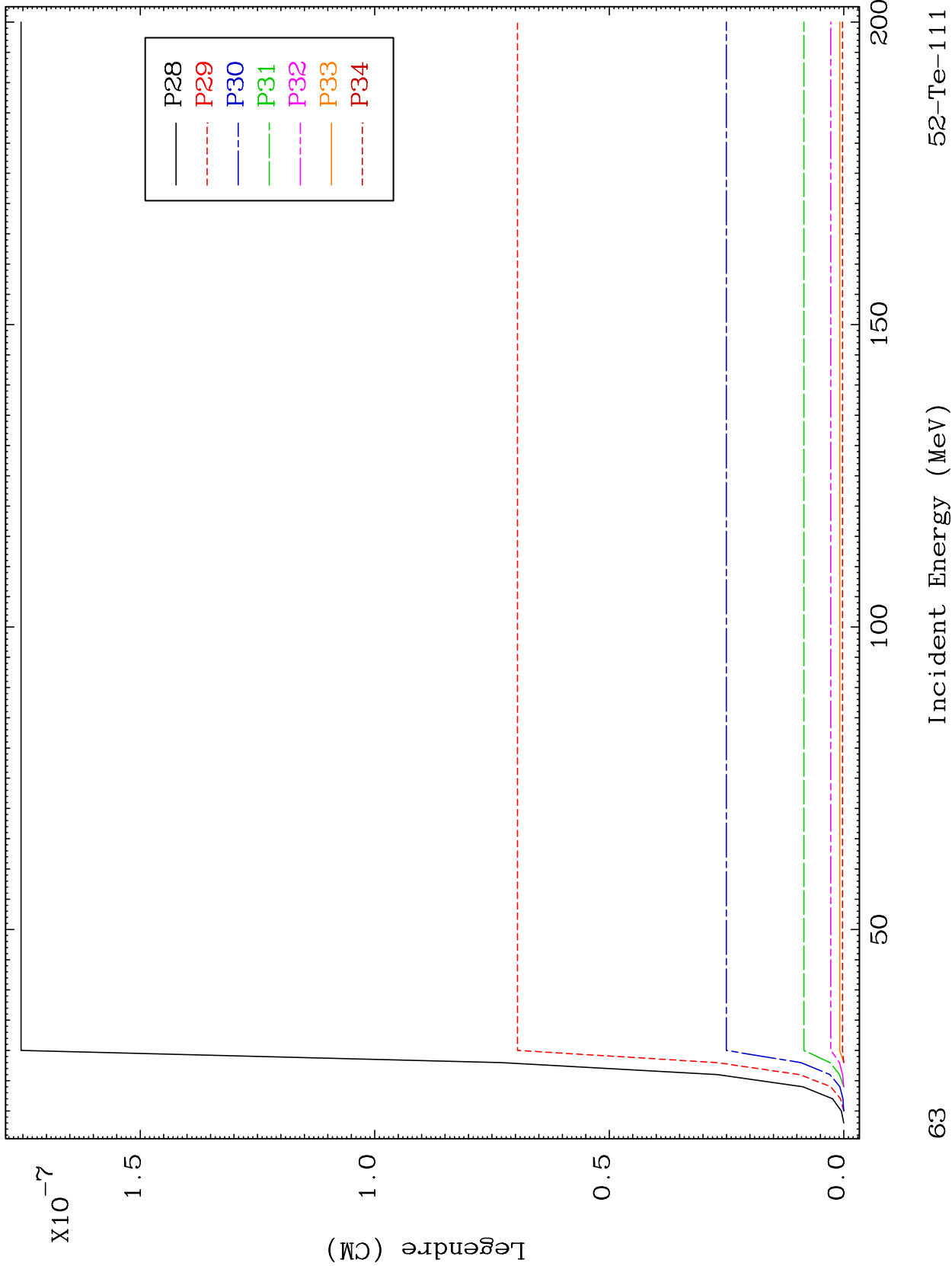
52-Te-111



MAT 5198

MT= 61 (n,n') Level
Legendre Coefficients

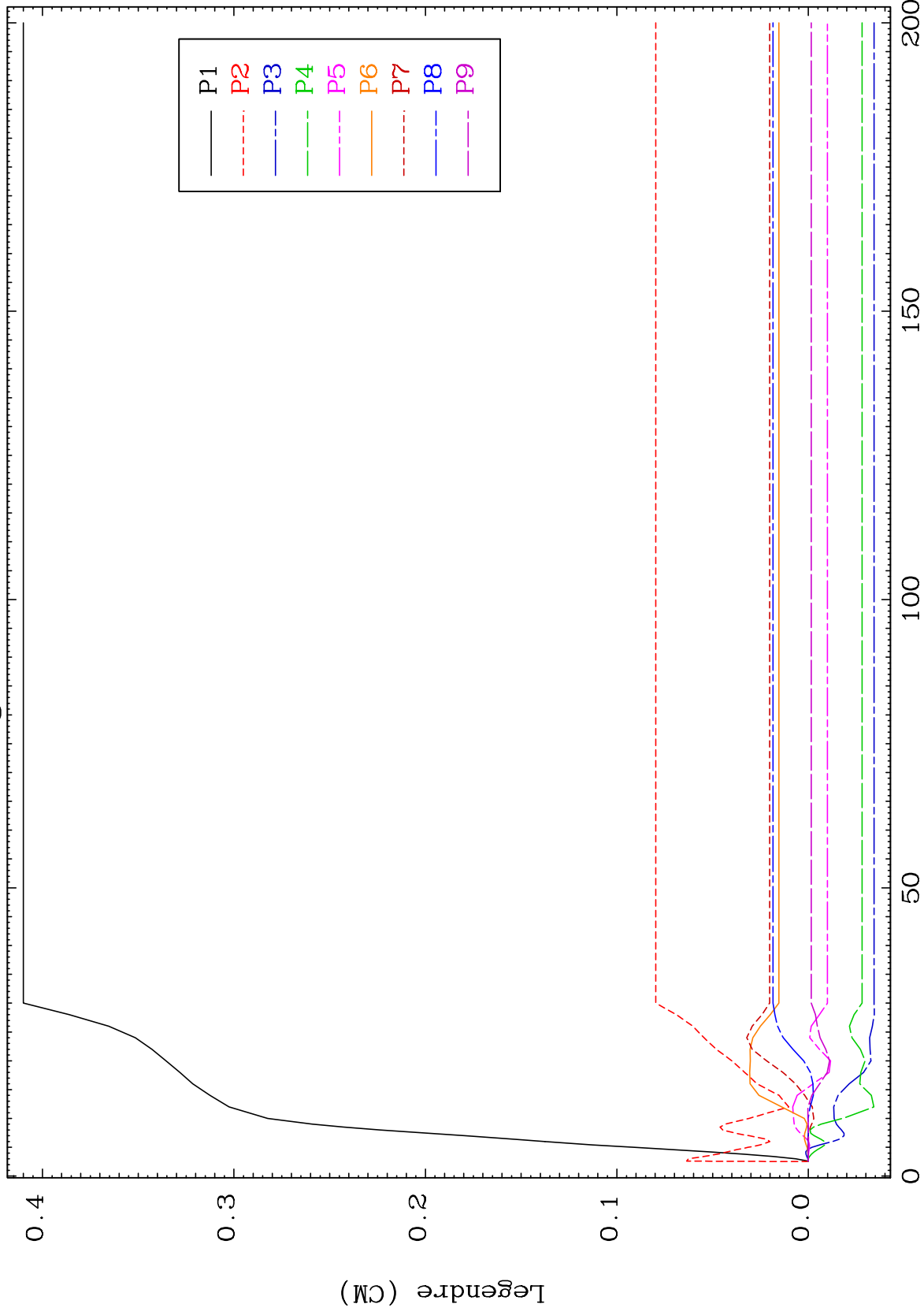
52-Te-111



MAT 5198

MT= 62 (n,n') Level
Legendre Coefficients

52-Te-111



64

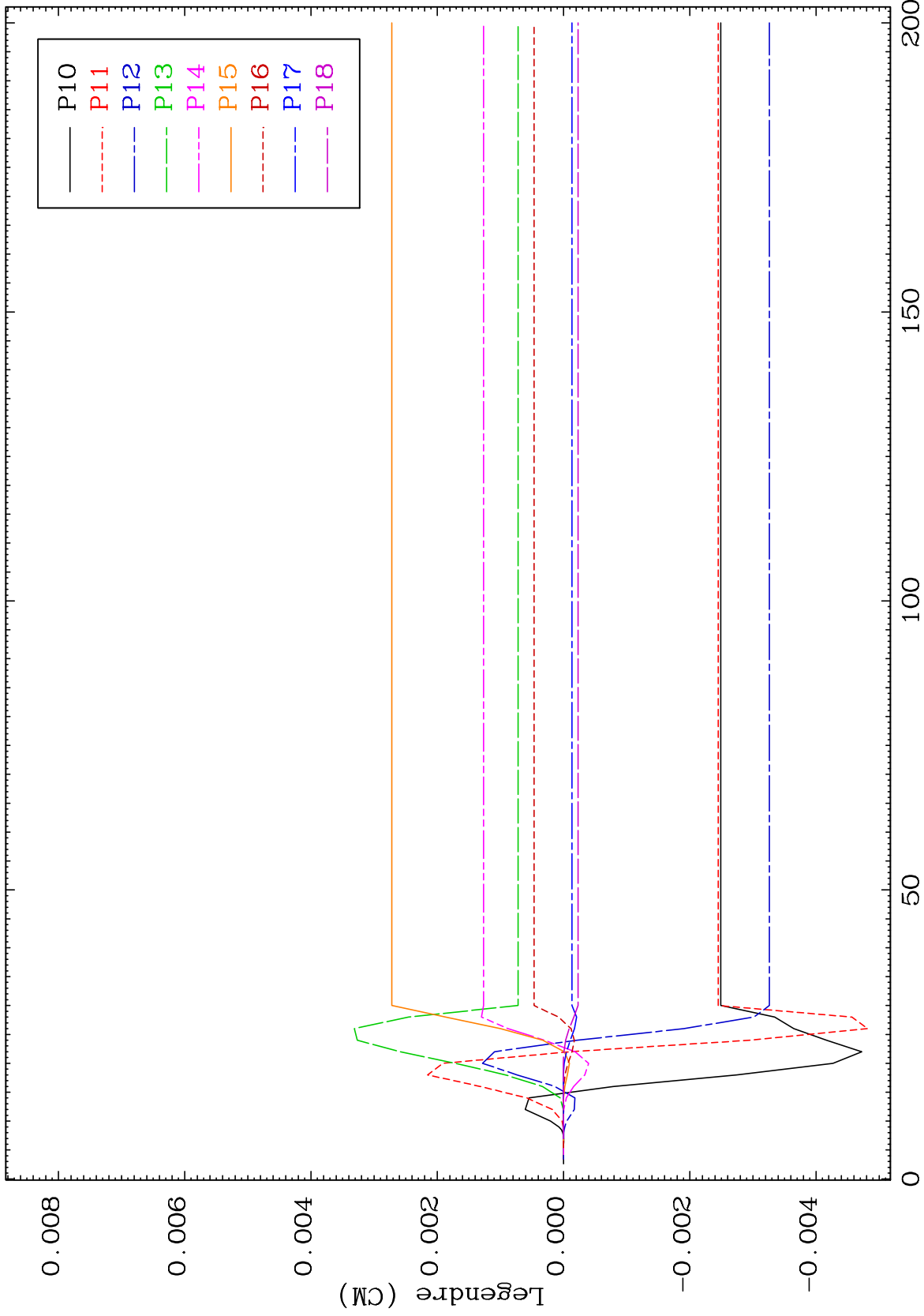
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 62 (n,n') Level
Legendre Coefficients

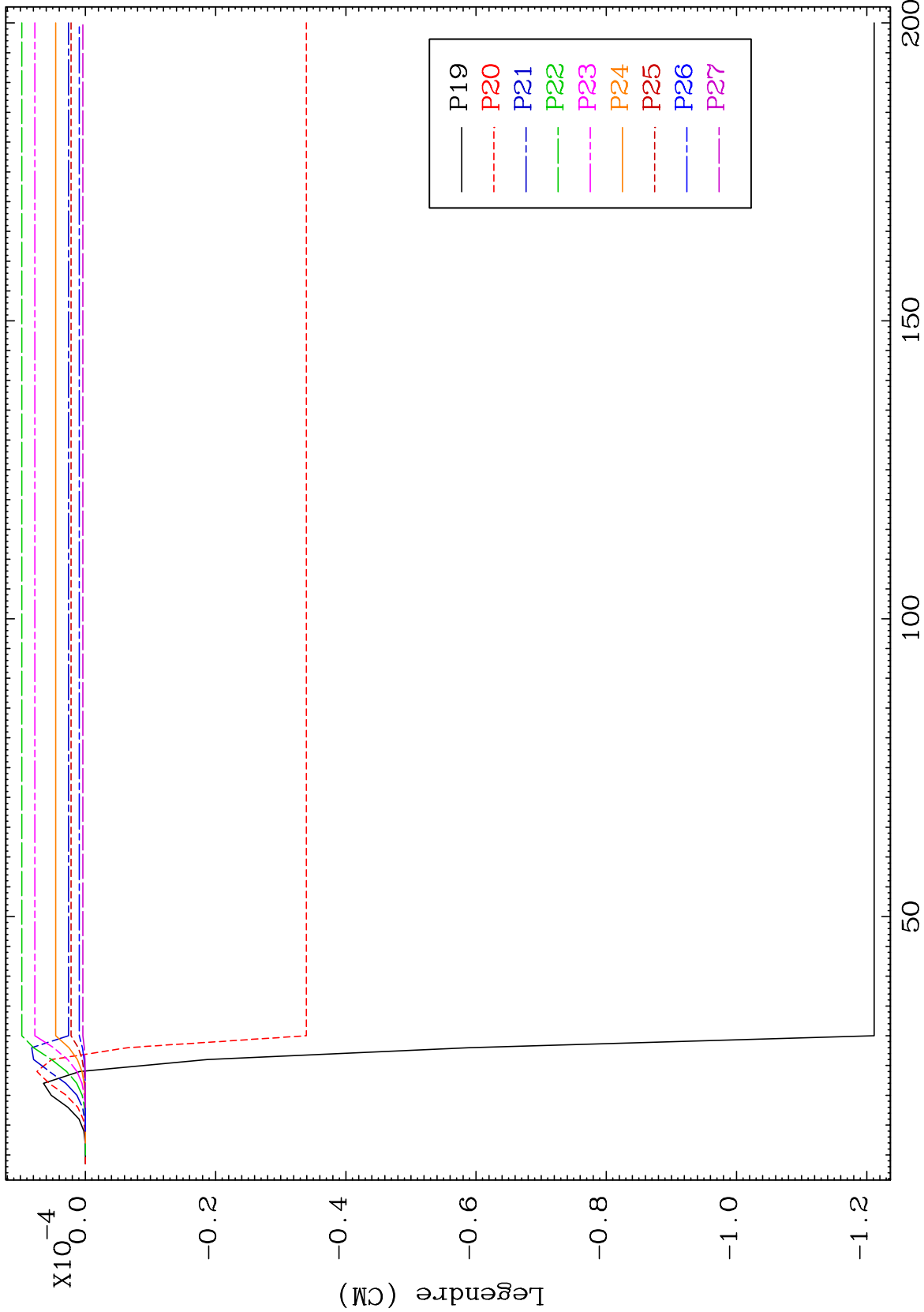
52-Te-111



65

Incident Energy (MeV)

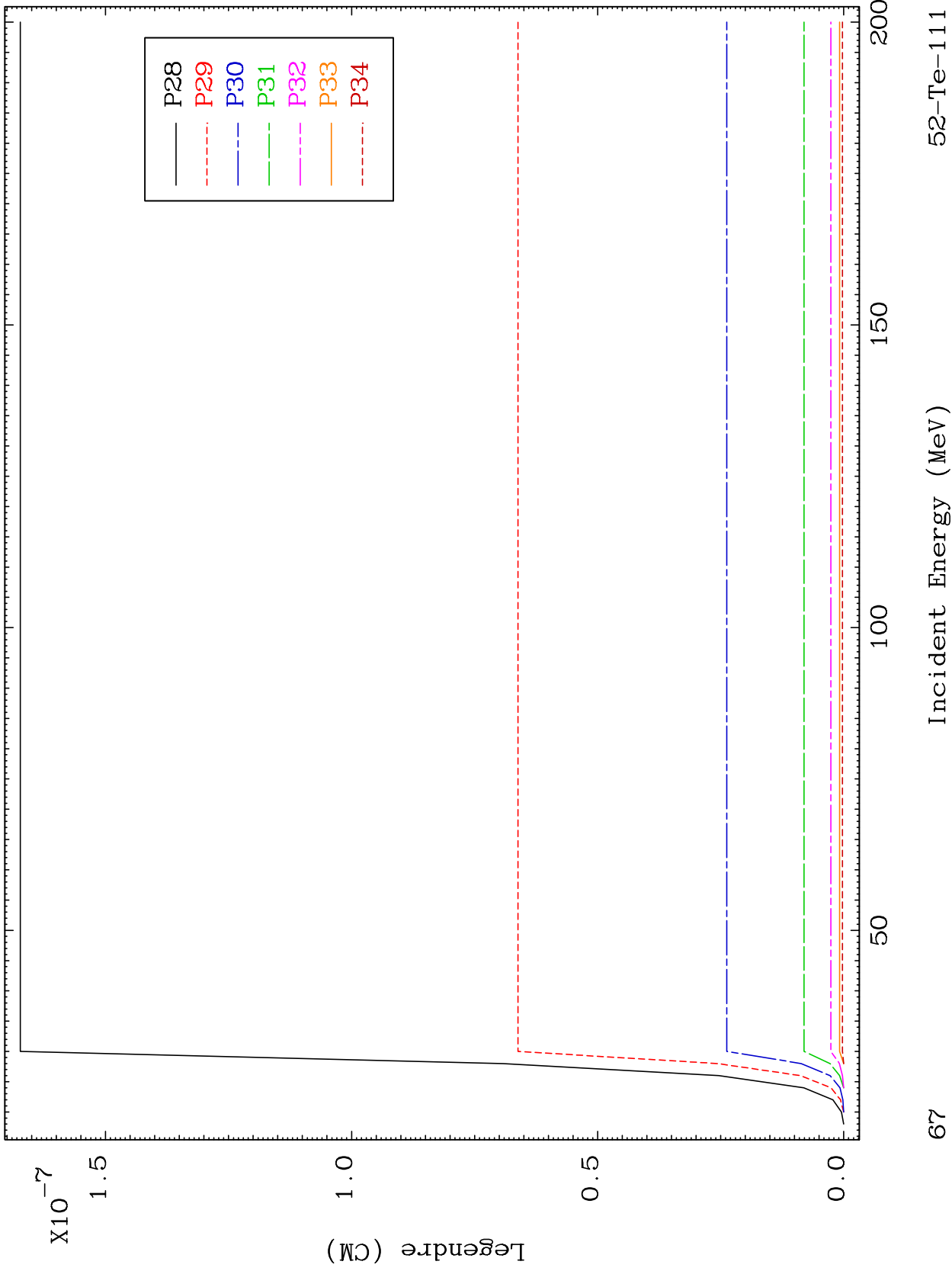
52-Te-111



MAT 5198

MT= 62 (n,n') Level
Legendre Coefficients

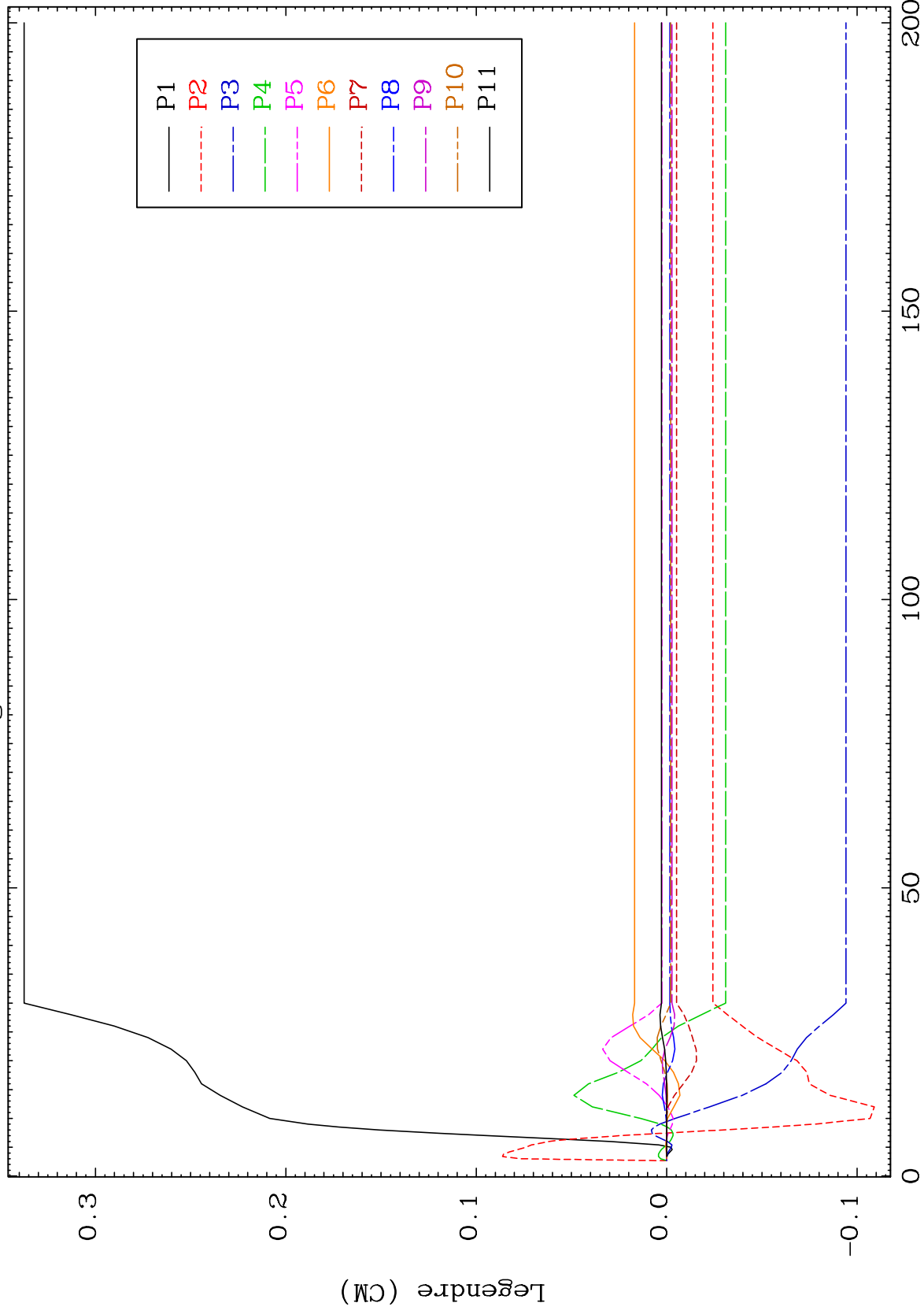
52-Te-111



MAT 5198

MT= 63 (n,n') Level
Legendre Coefficients

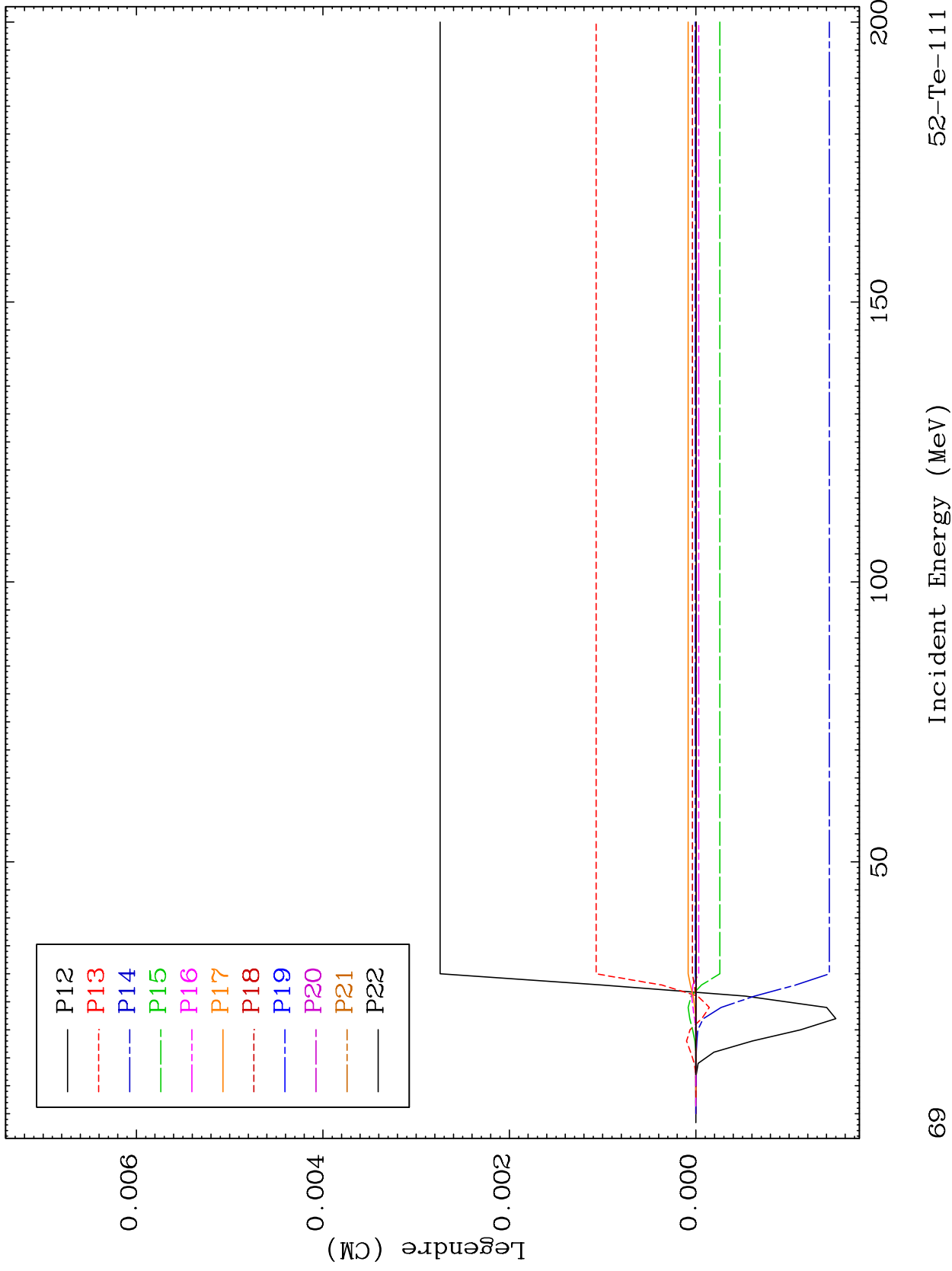
52-Te-111

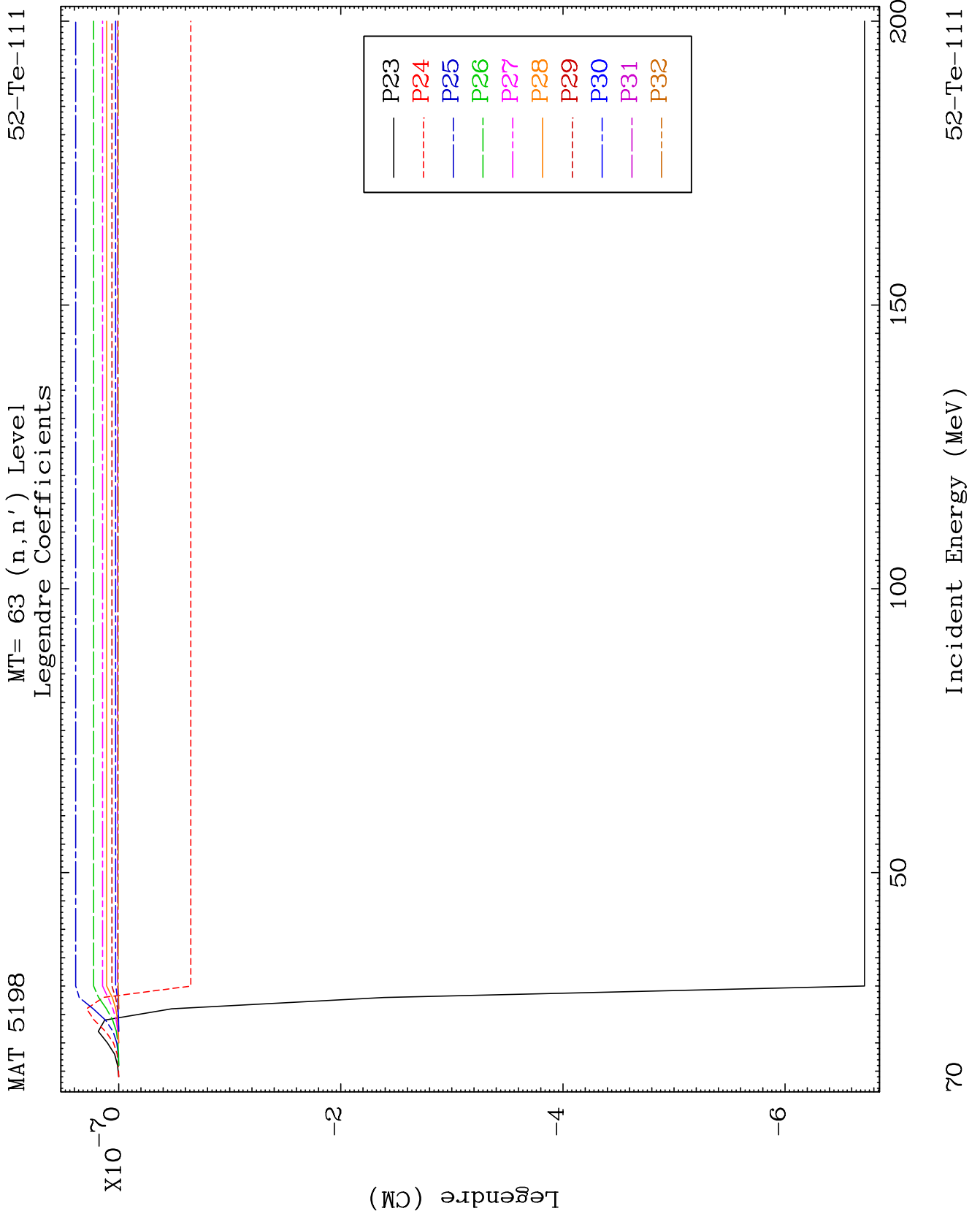


68

Incident Energy (MeV)

52-Te-111

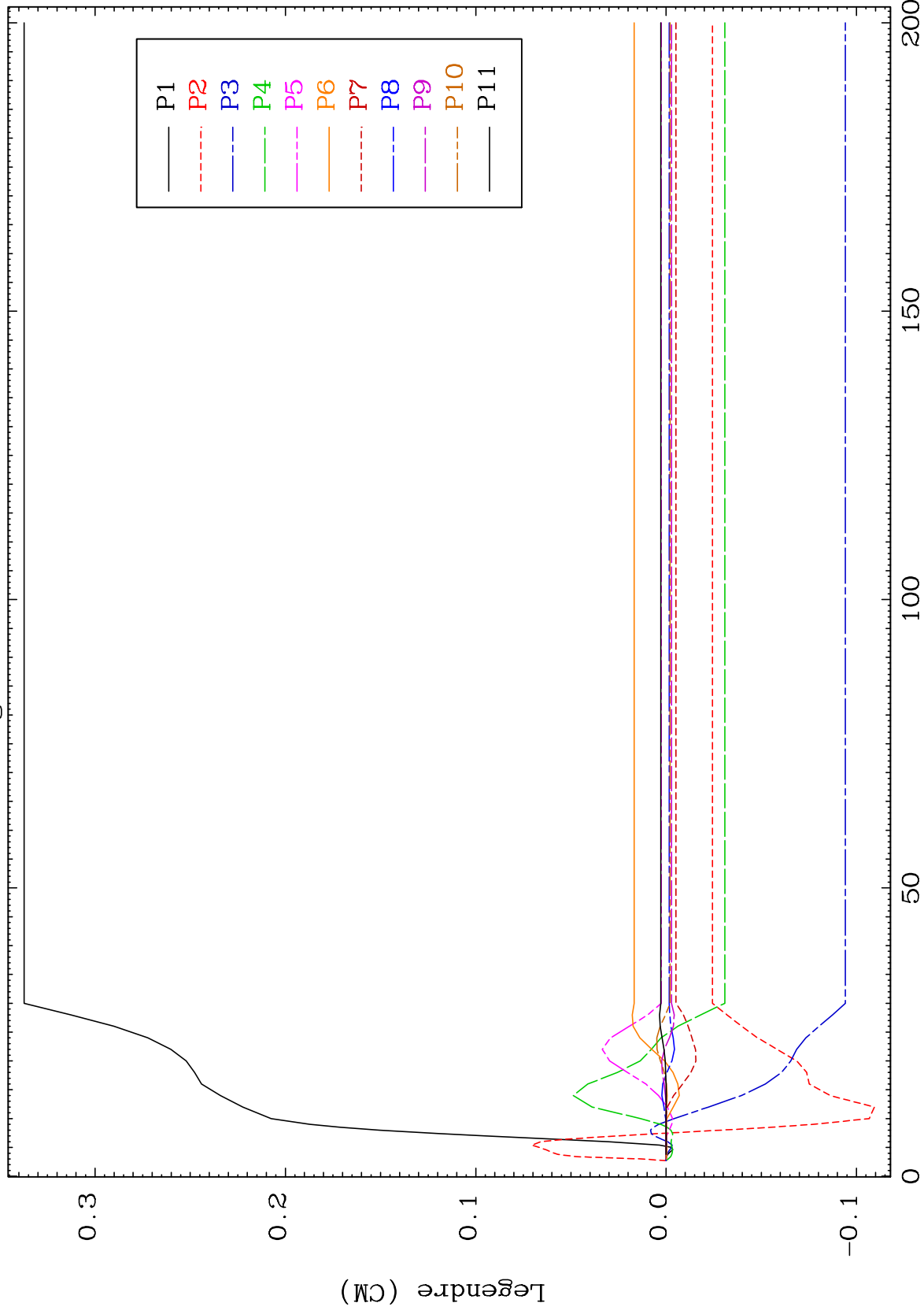




MAT 5198

MT= 64 (n,n') Level
Legendre Coefficients

52-Te-111



71

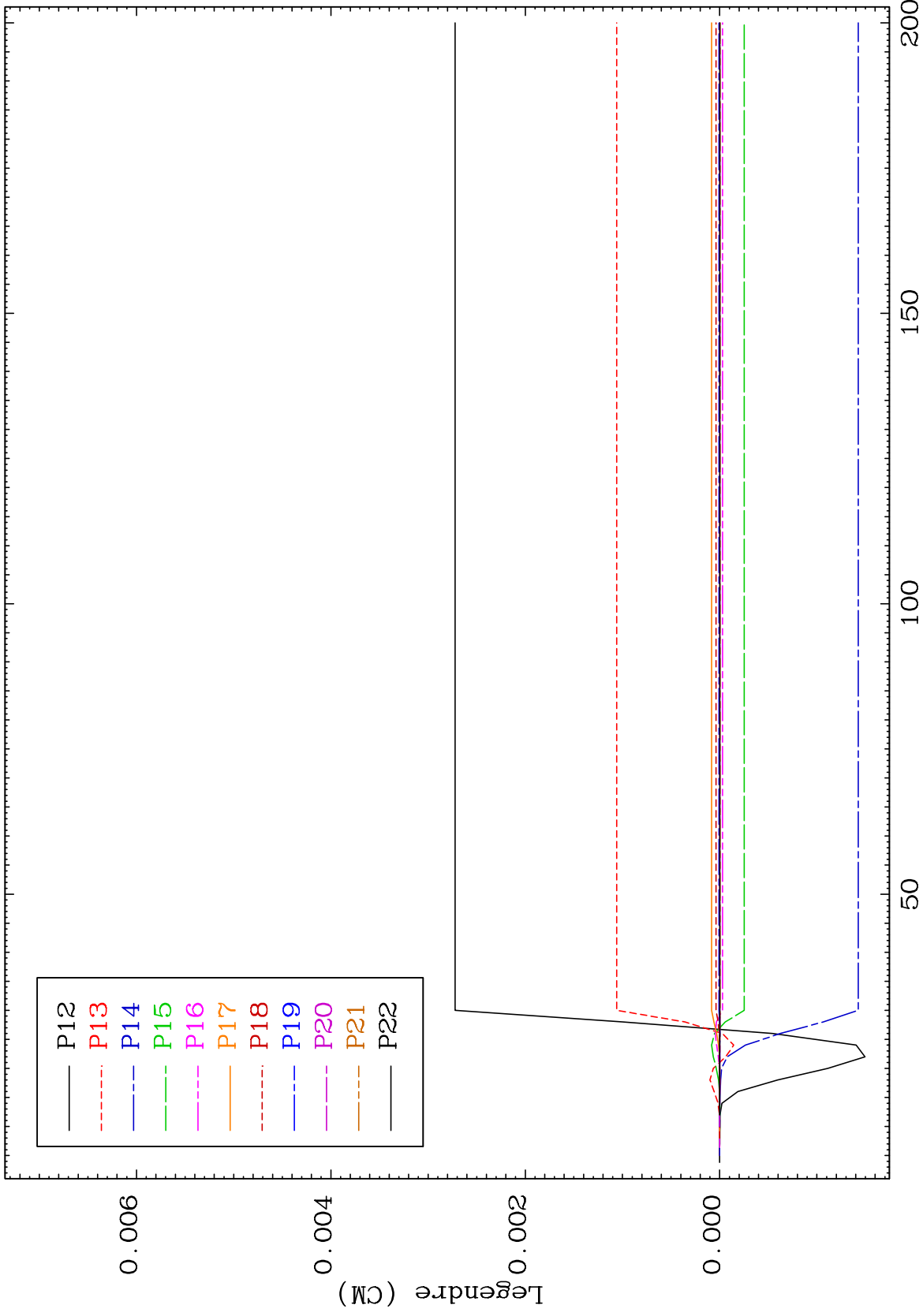
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 64 (n,n') Level
Legendre Coefficients

52-Te-111



72

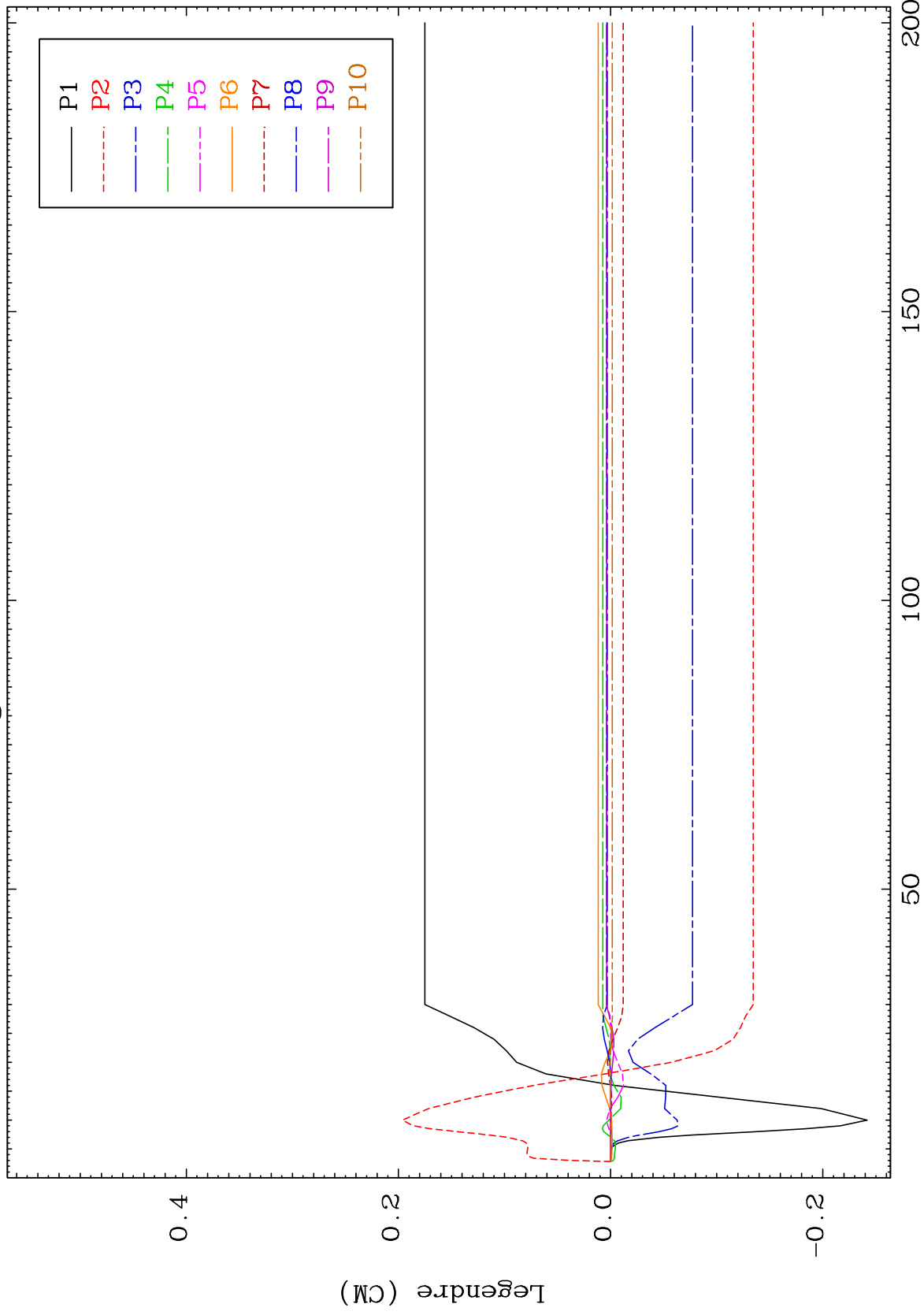
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 65 (n,n') Level
Legendre Coefficients

52-Te-111



74

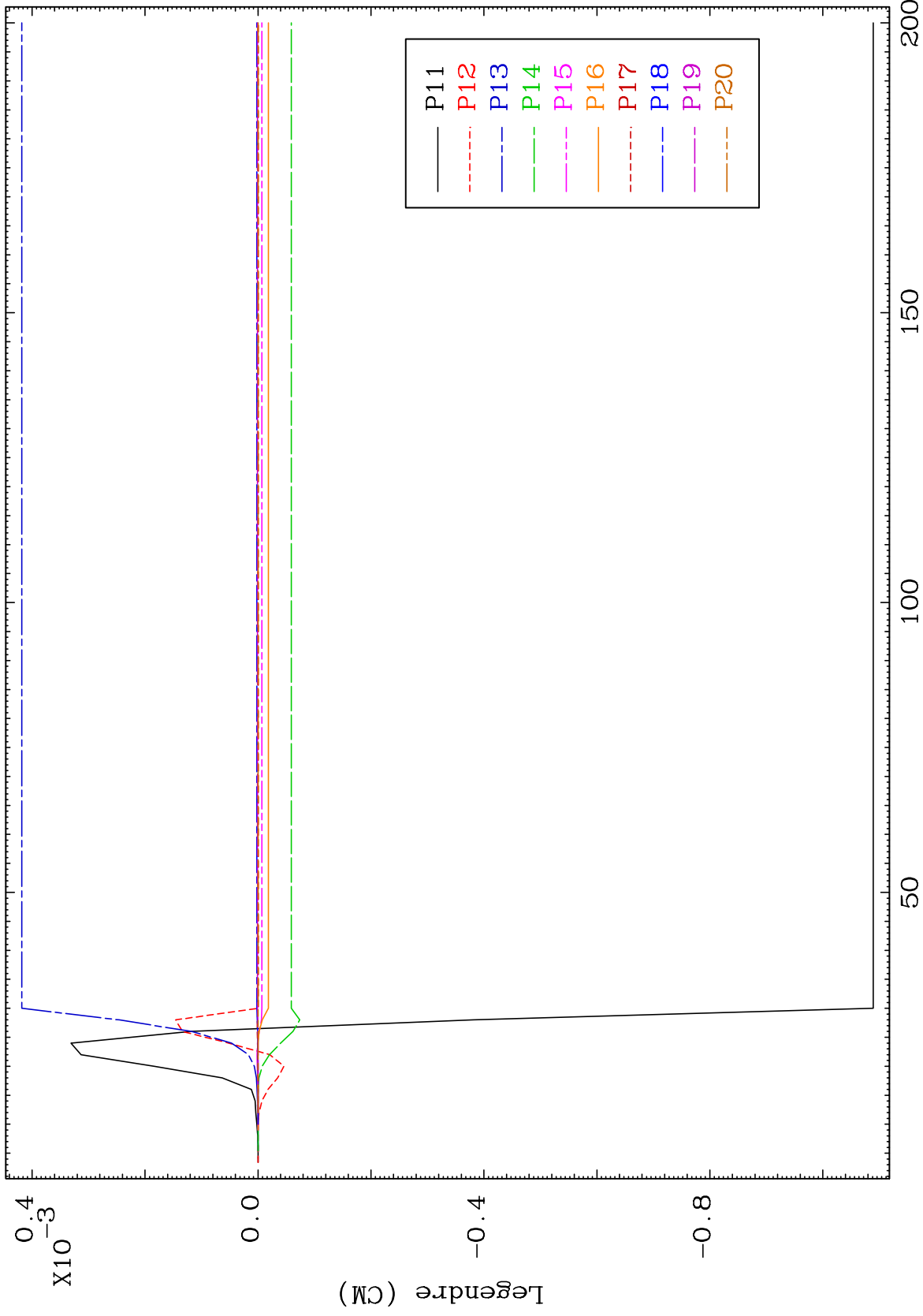
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 65 (n,n') Level
Legendre Coefficients

52-Te-111



75

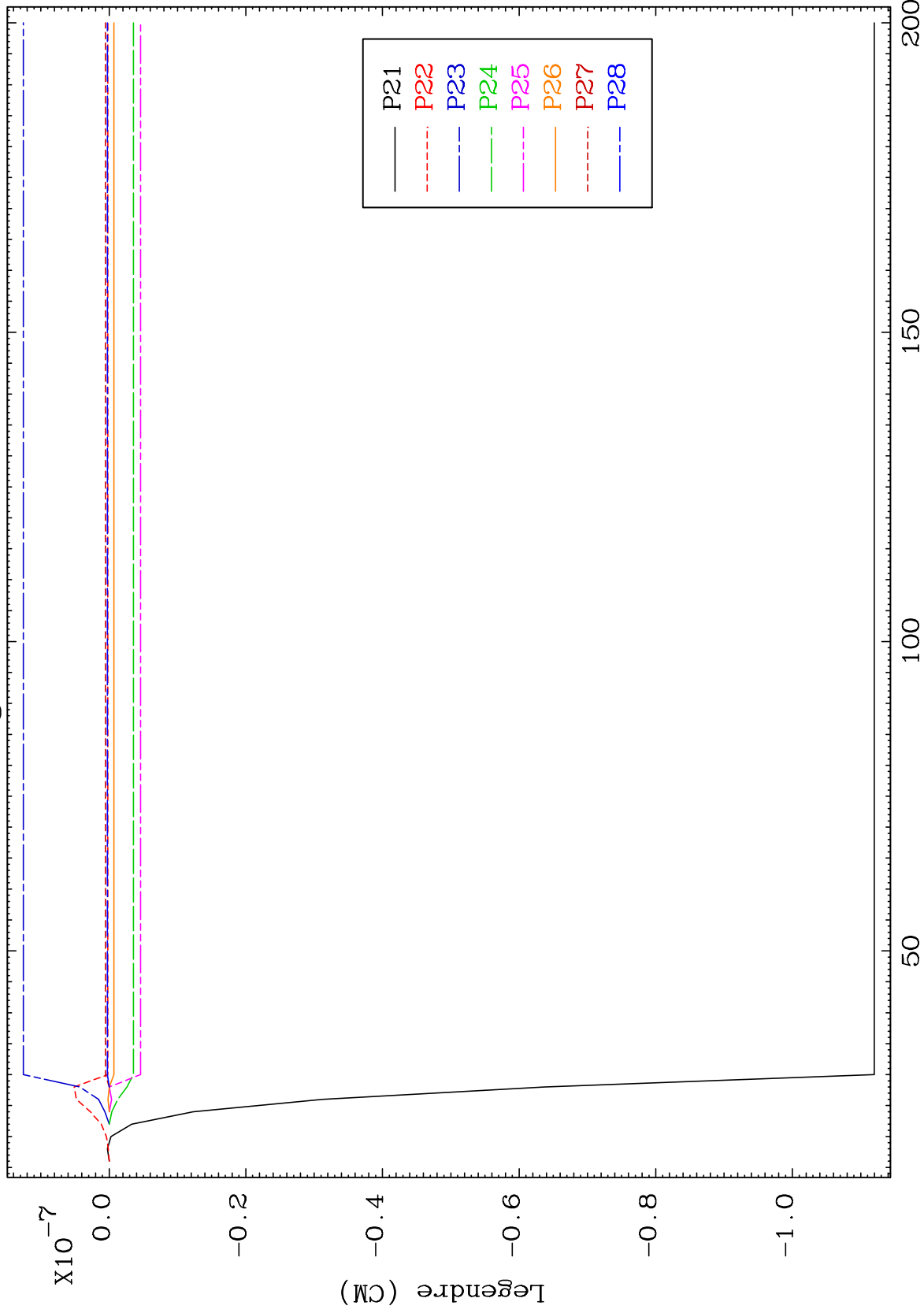
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 65 (n,n') Level
Legendre Coefficients

52-Te-111



76

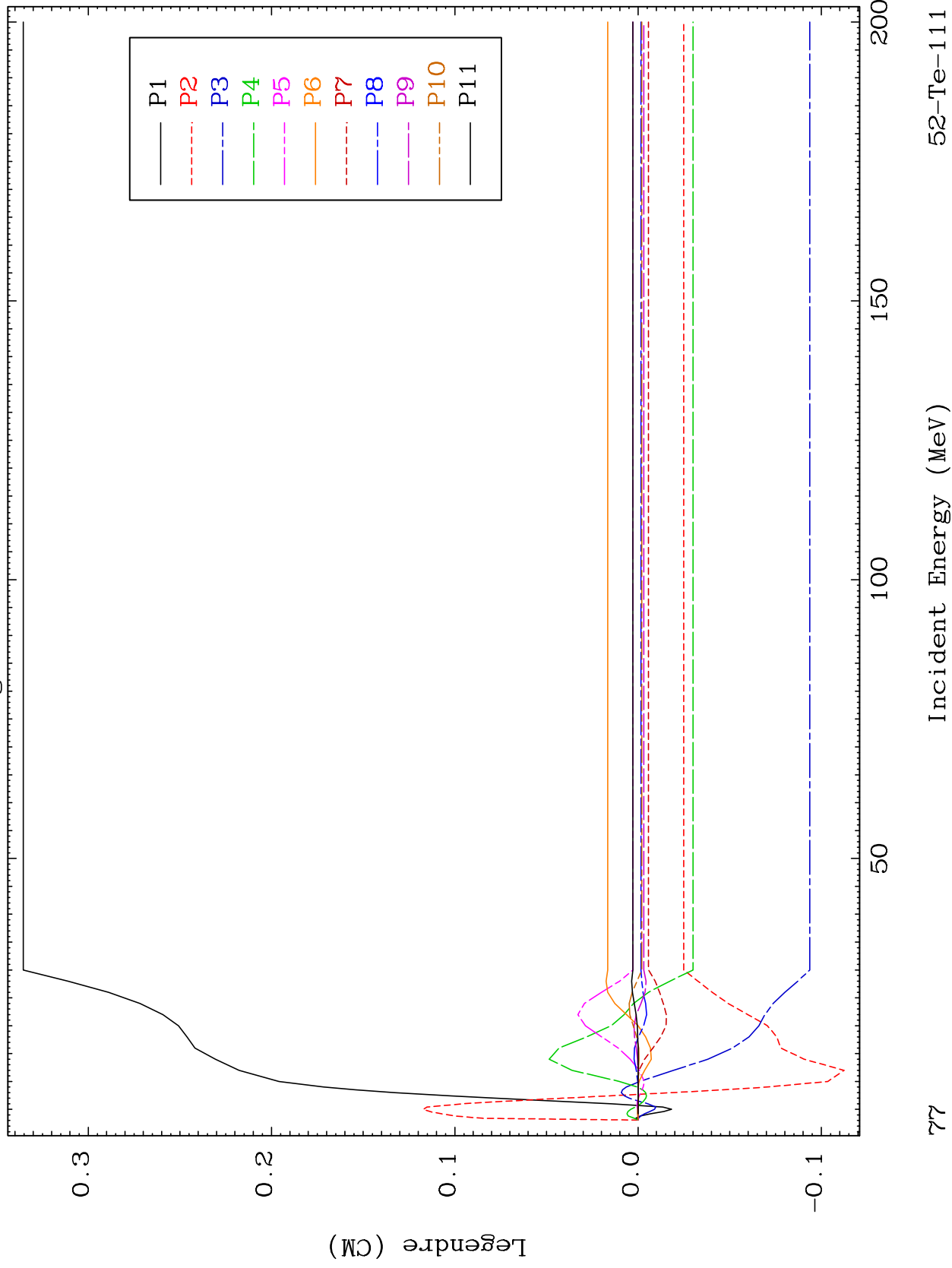
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 66 (n,n') Level
Legendre Coefficients

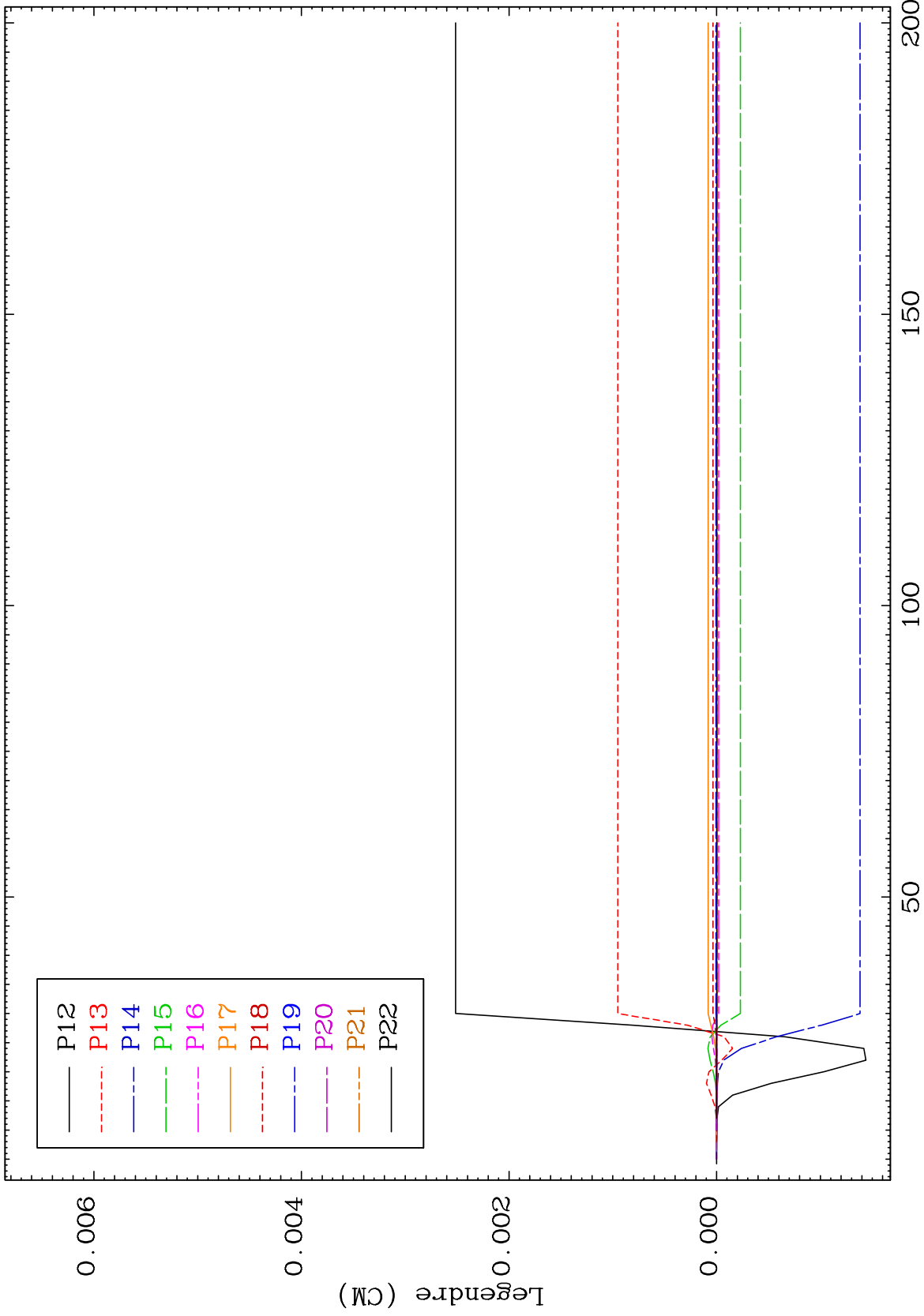
52-Te-111



77

Incident Energy (MeV)

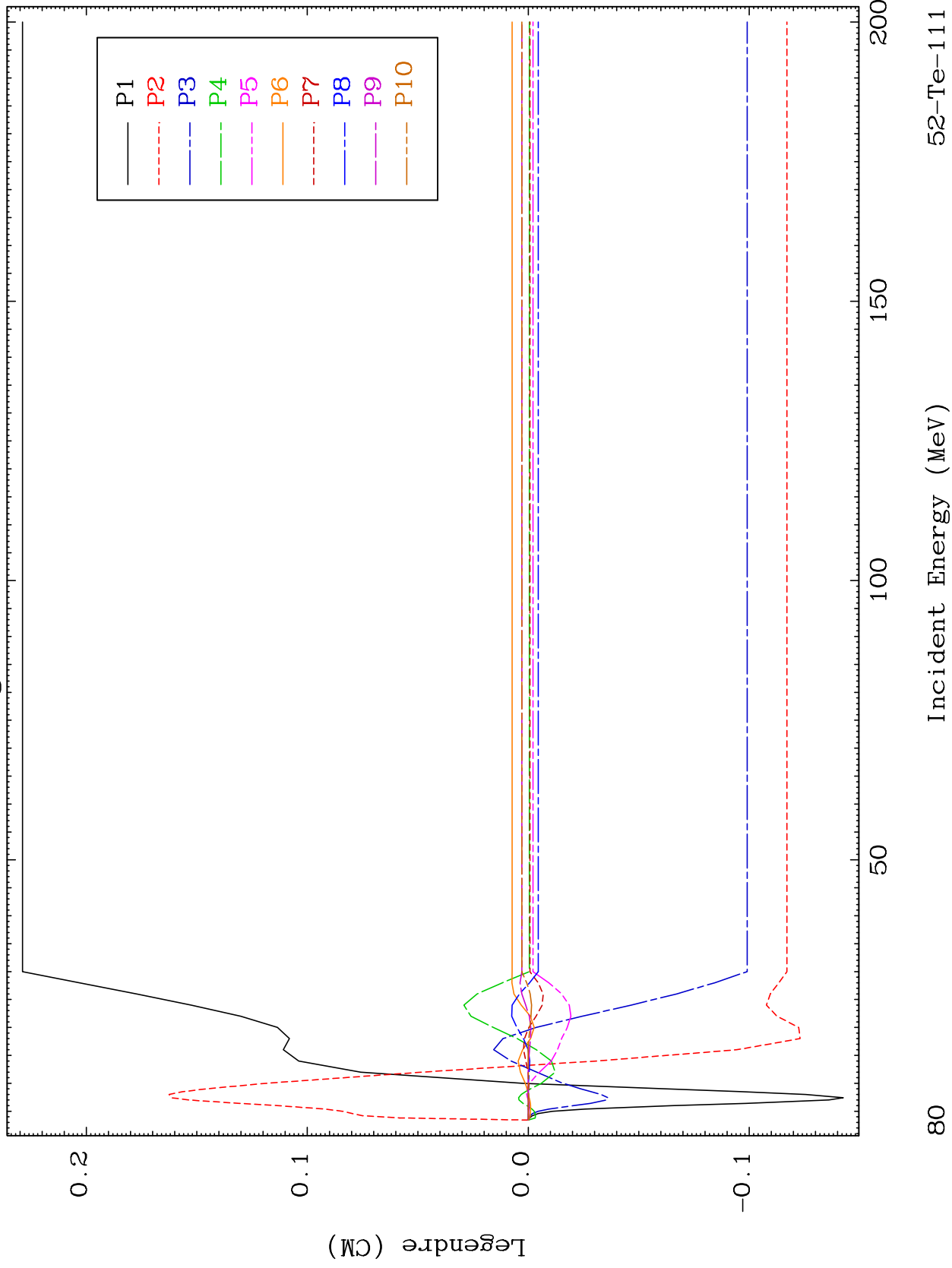
52-Te-111



MAT 5198

MT= 67 (n,n') Level
Legendre Coefficients

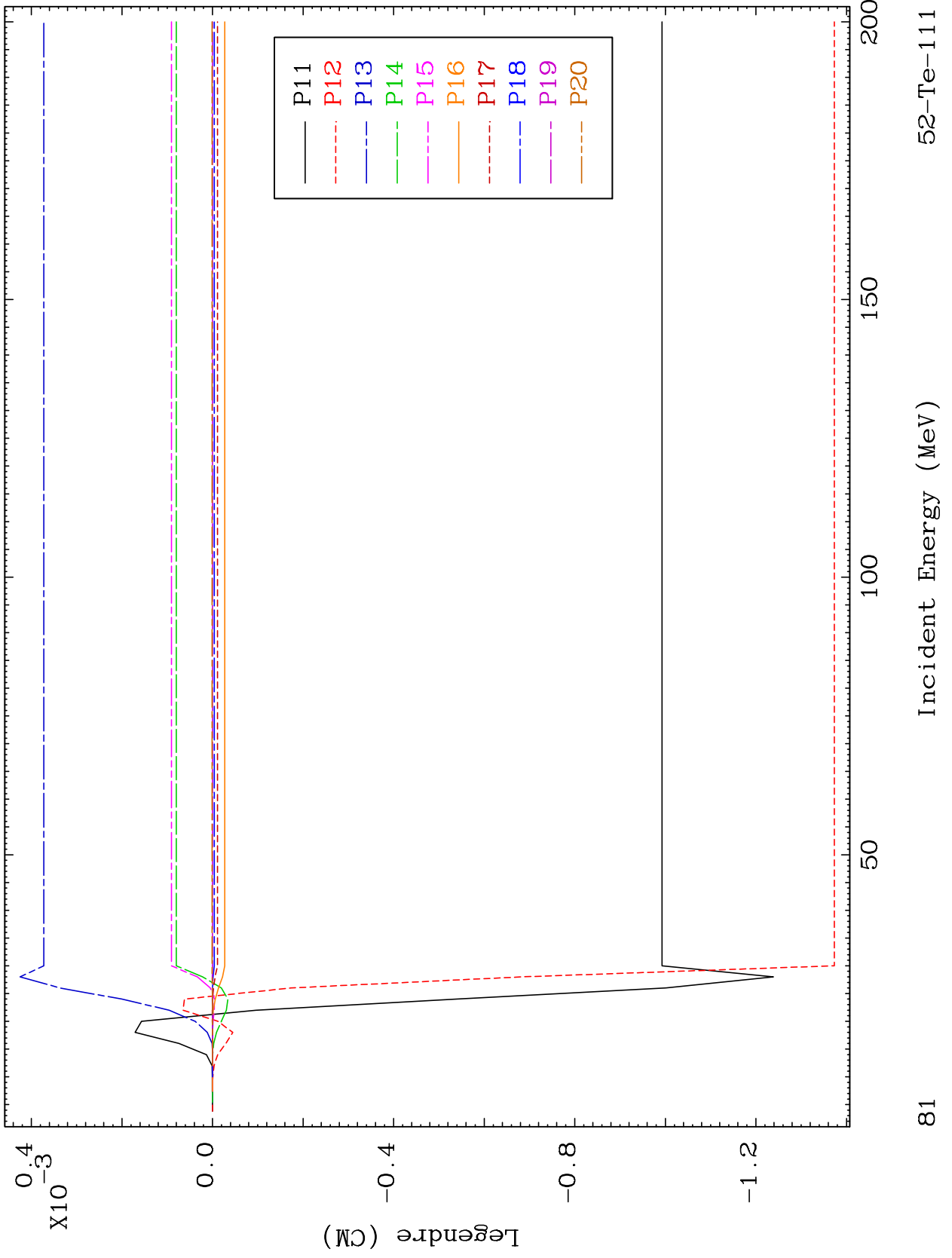
52-Te-111



MAT 5198

MT= 67 (n,n') Level
Legendre Coefficients

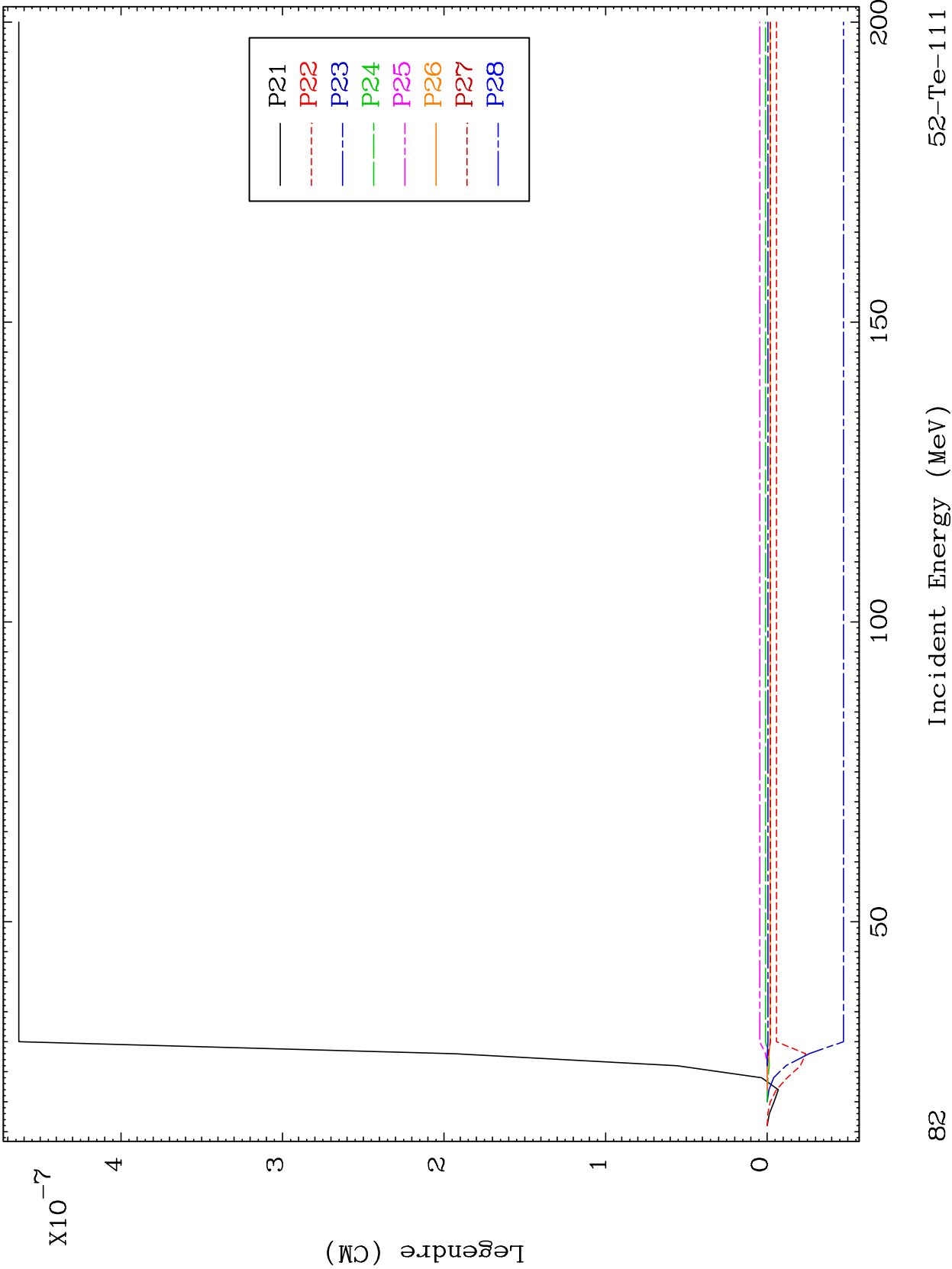
52-Te-111

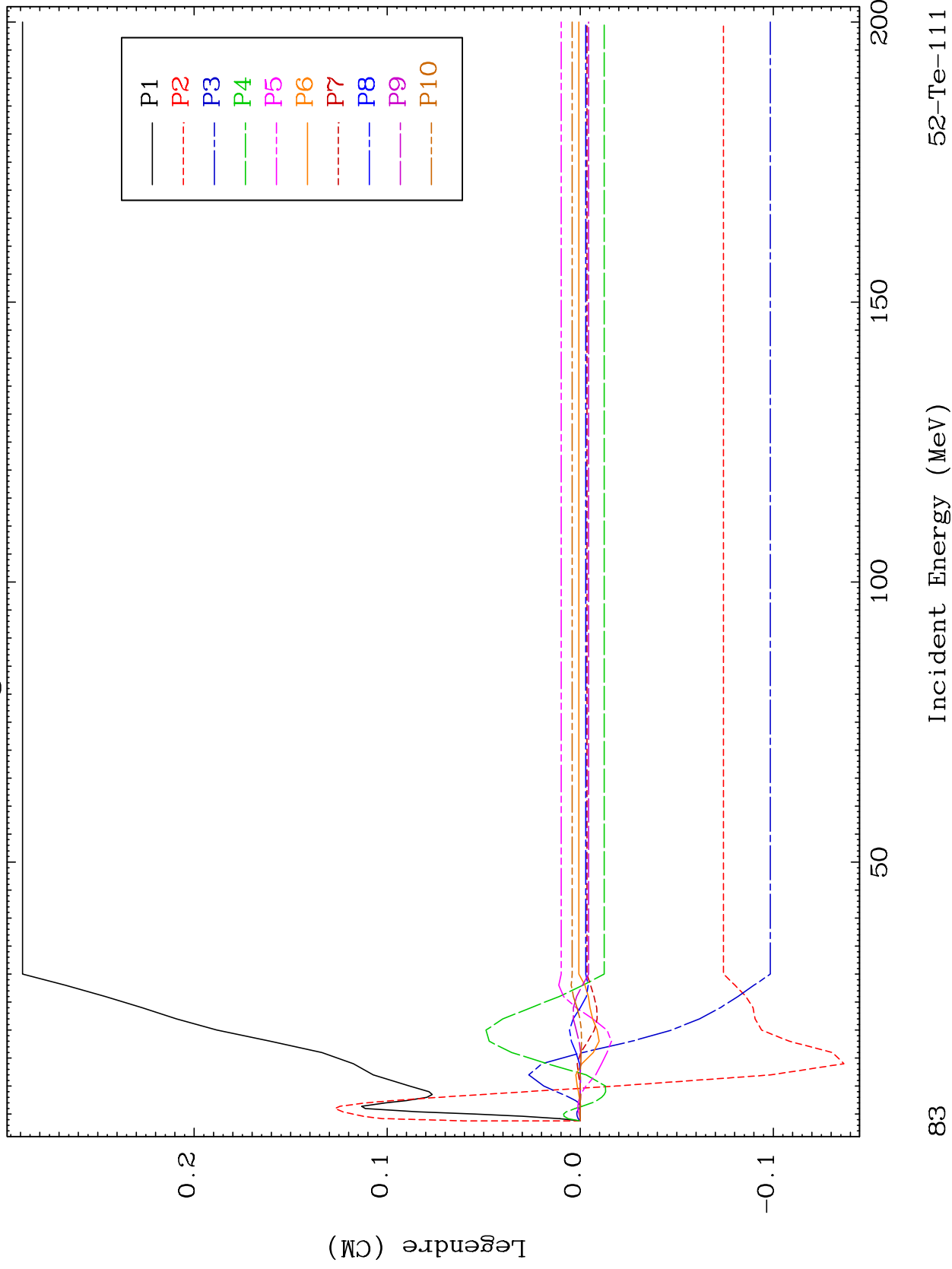


MAT 5198

MT= 67 (n,n') Level
Legendre Coefficients

52-Te-111

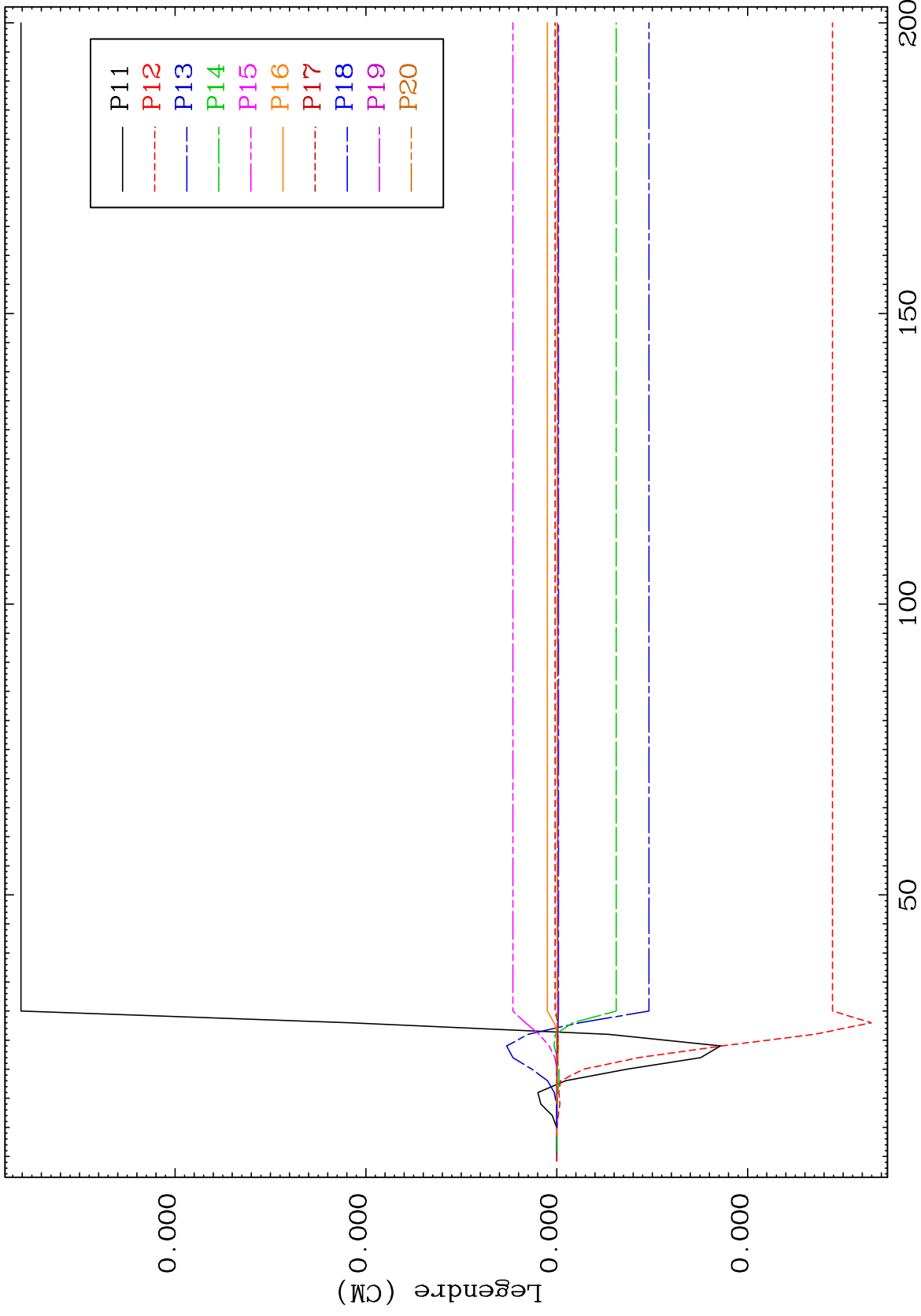




MAT 5198

MT= 68 (n,n') Level
Legendre Coefficients

52-Te-111



84

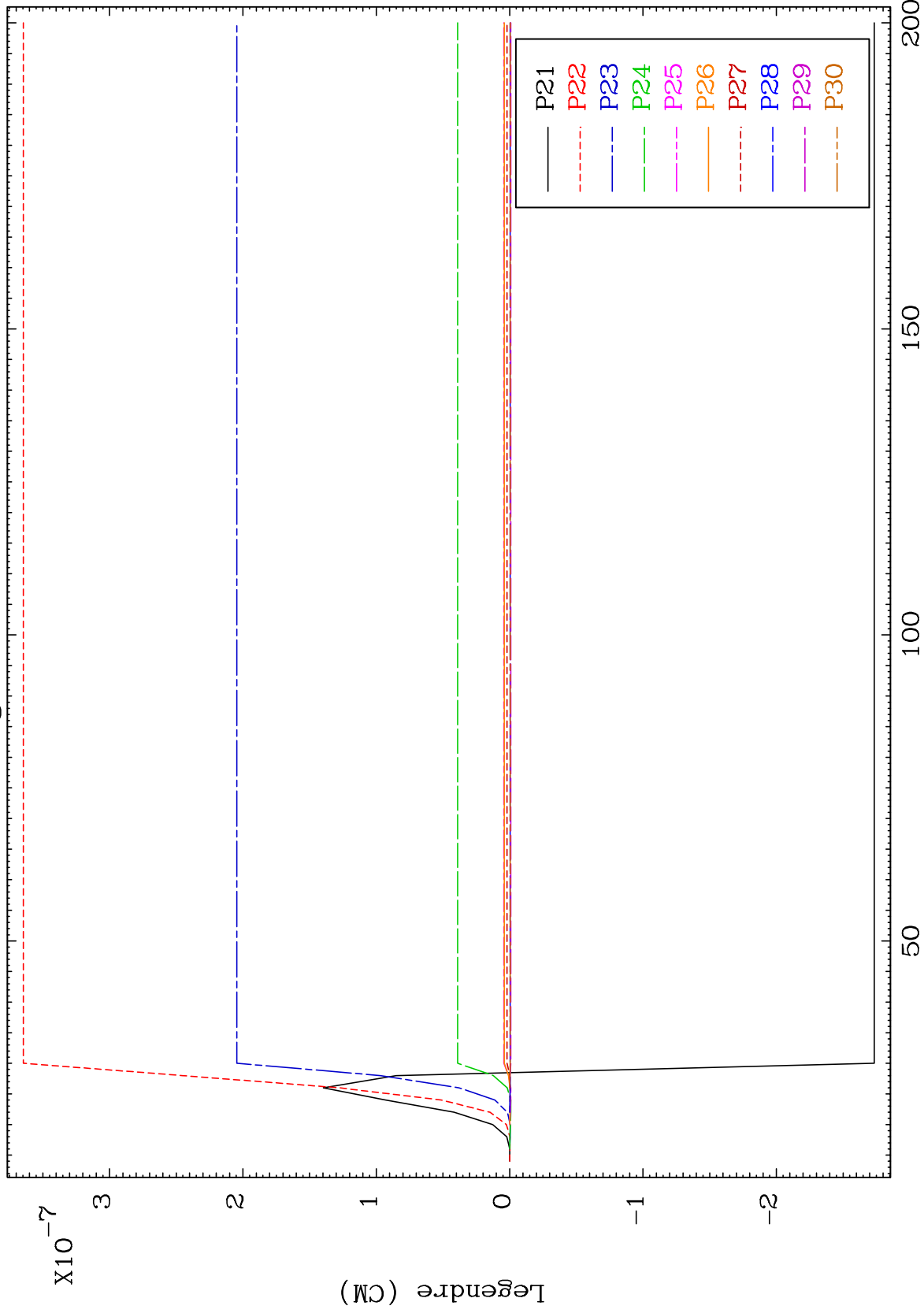
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 68 (n,n') Level
Legendre Coefficients

52-Te-111



85

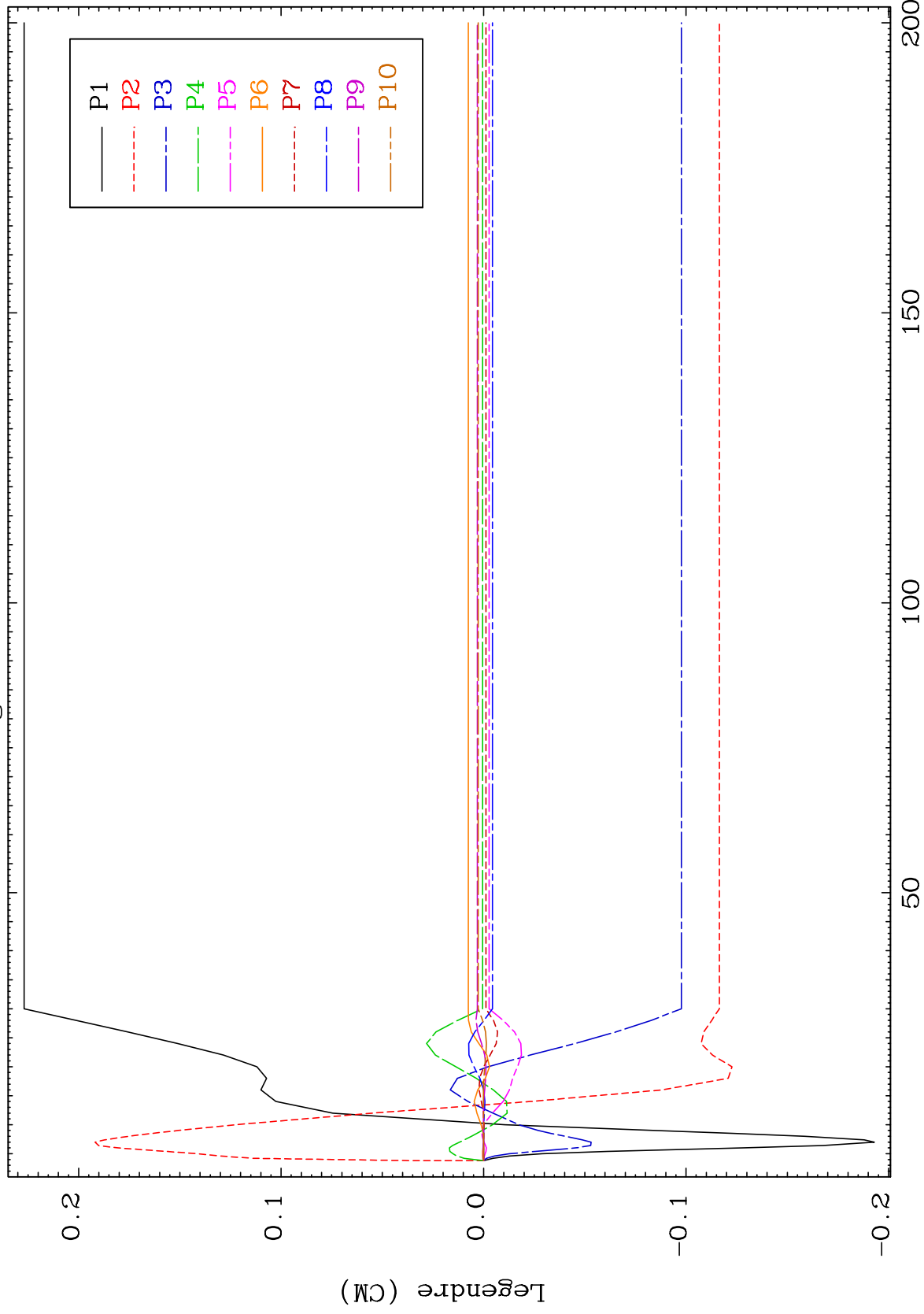
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 69 (n,n') Level
Legendre Coefficients

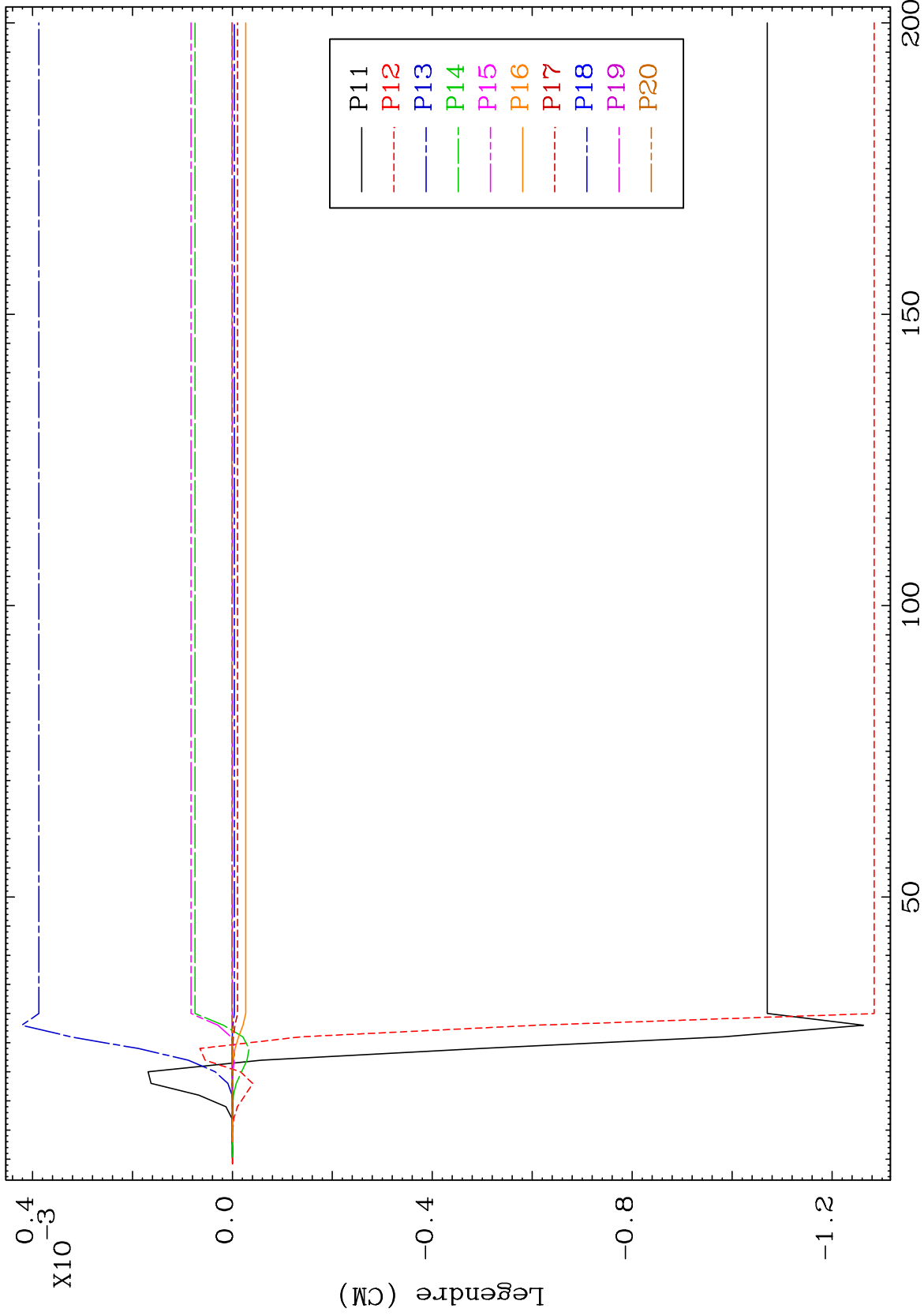
52-Te-111



86

Incident Energy (MeV)

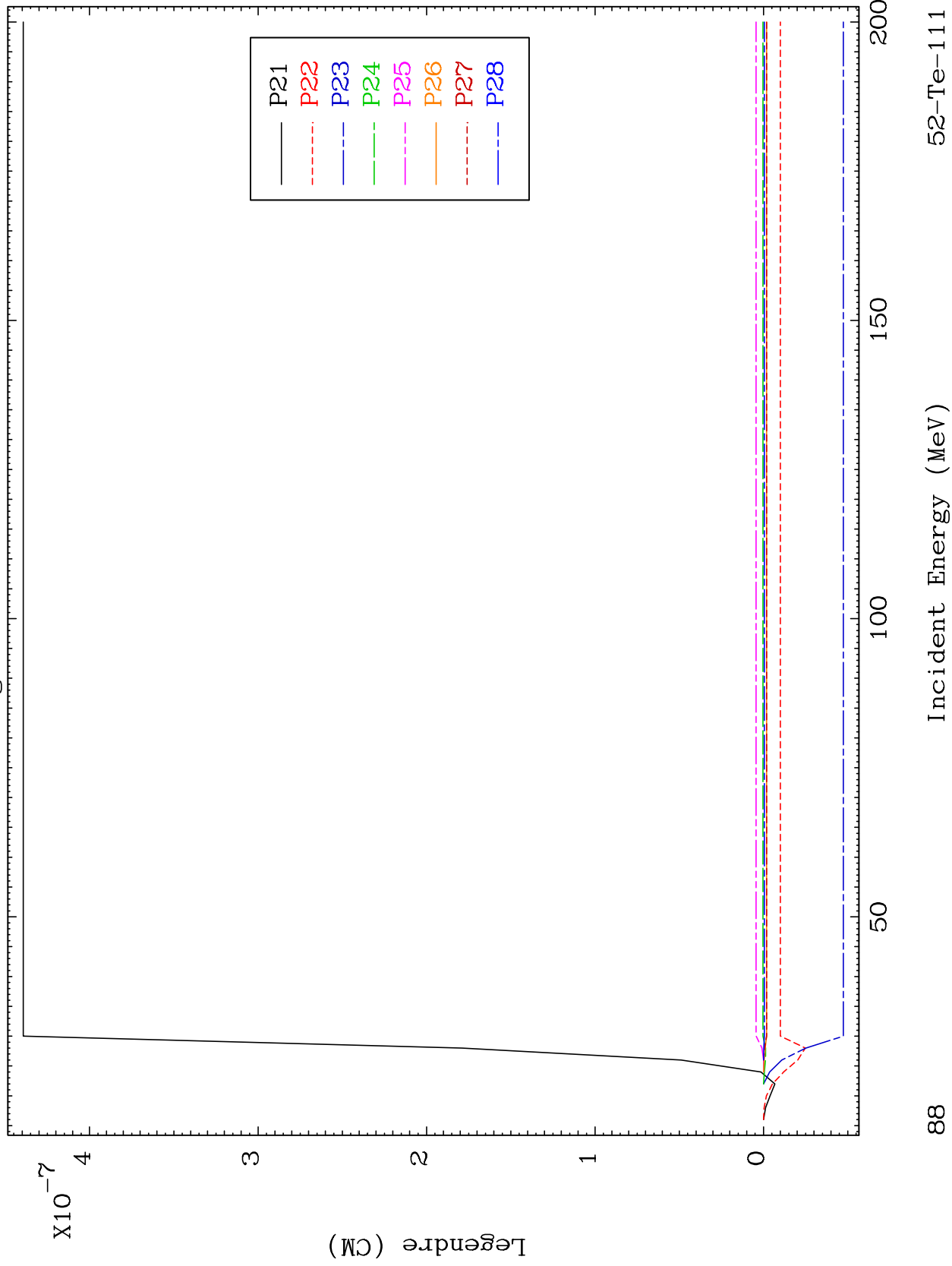
52-Te-111



MAT 5198

MT= 69 (n,n') Level
Legendre Coefficients

52-Te-111



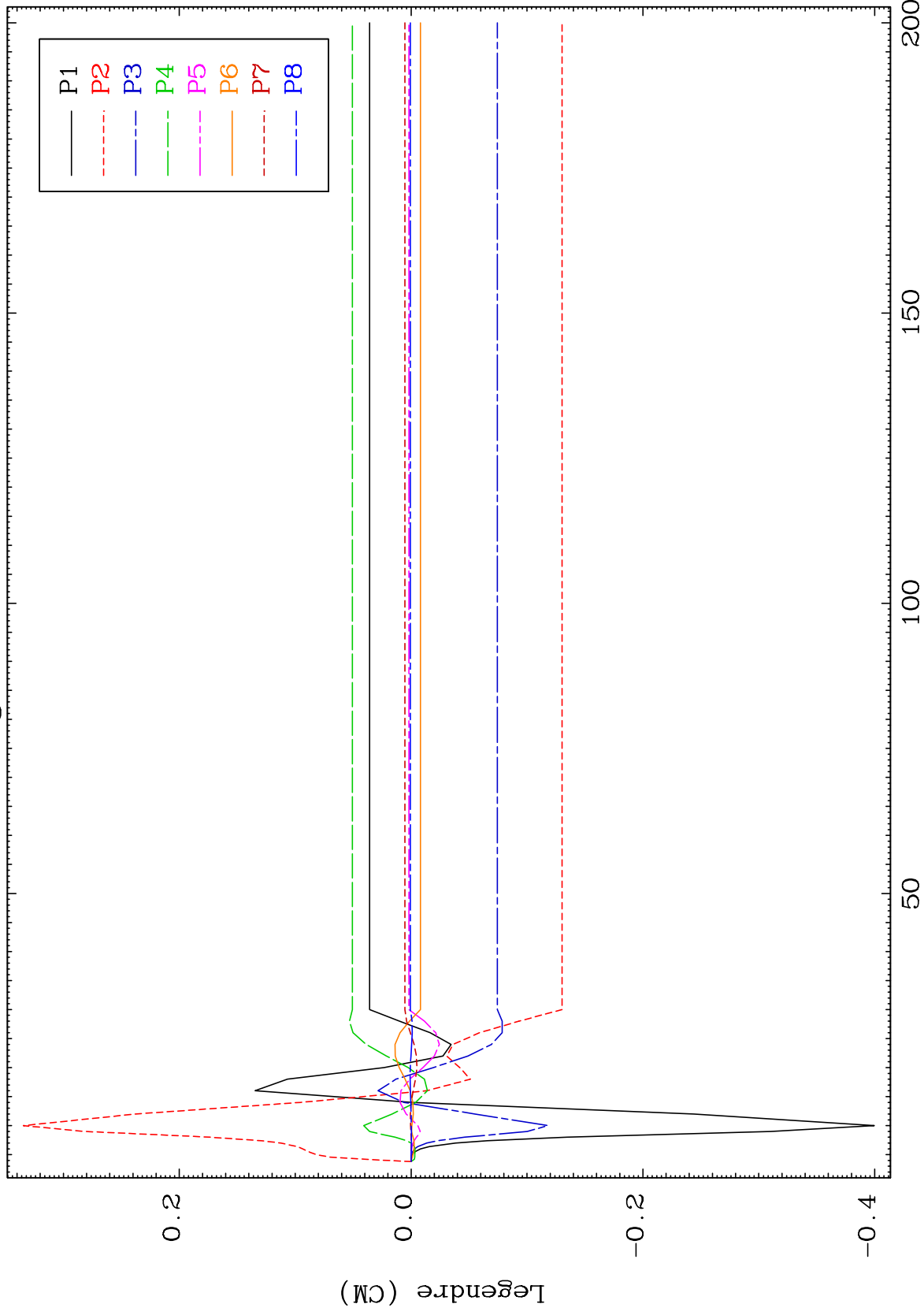
88

52-Te-111

MAT 5198

MT= 70 (n,n') Level
Legendre Coefficients

52-Te-111



89

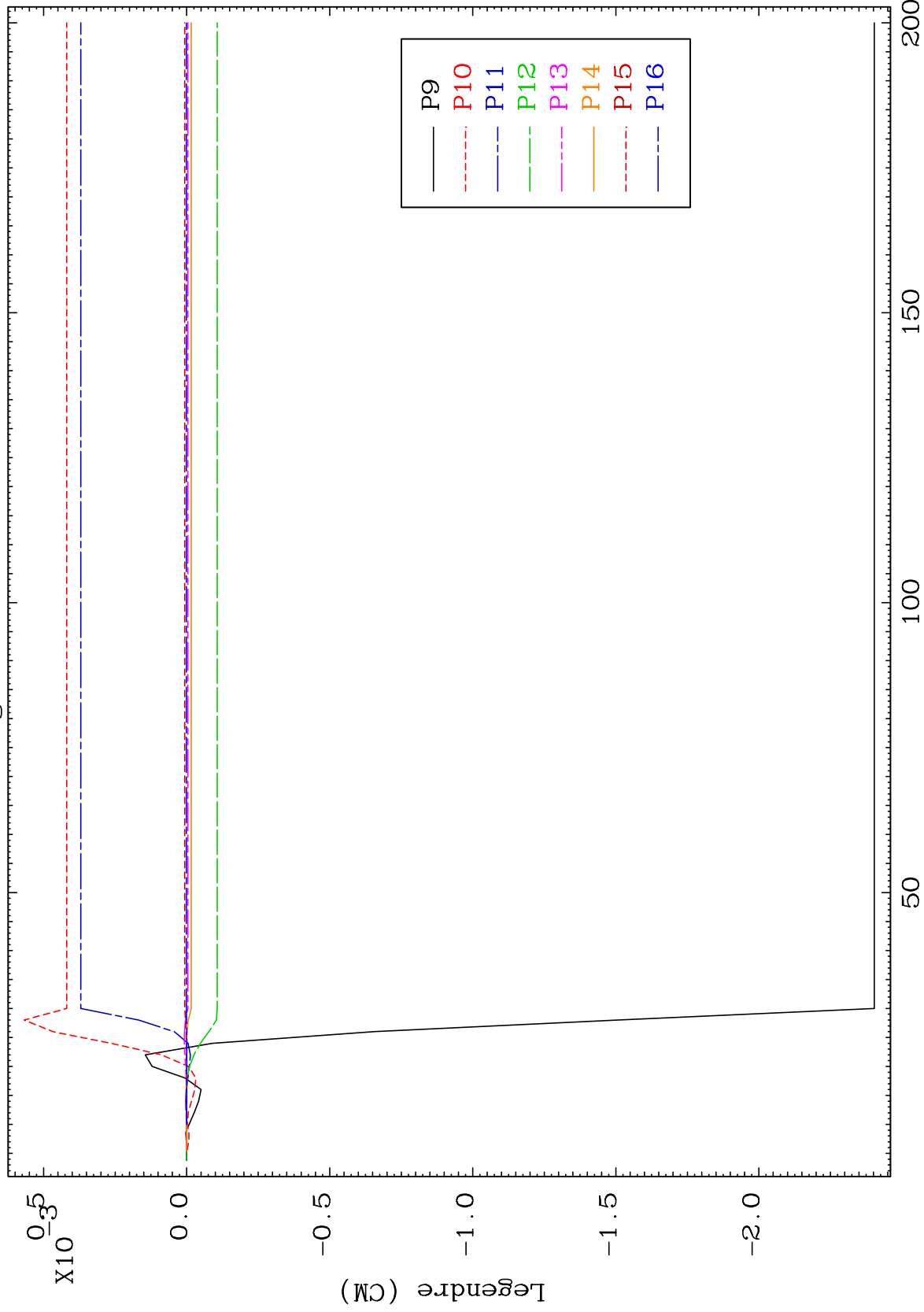
Incident Energy (MeV)

52-Te-111

MAT 5198

52-Te-111

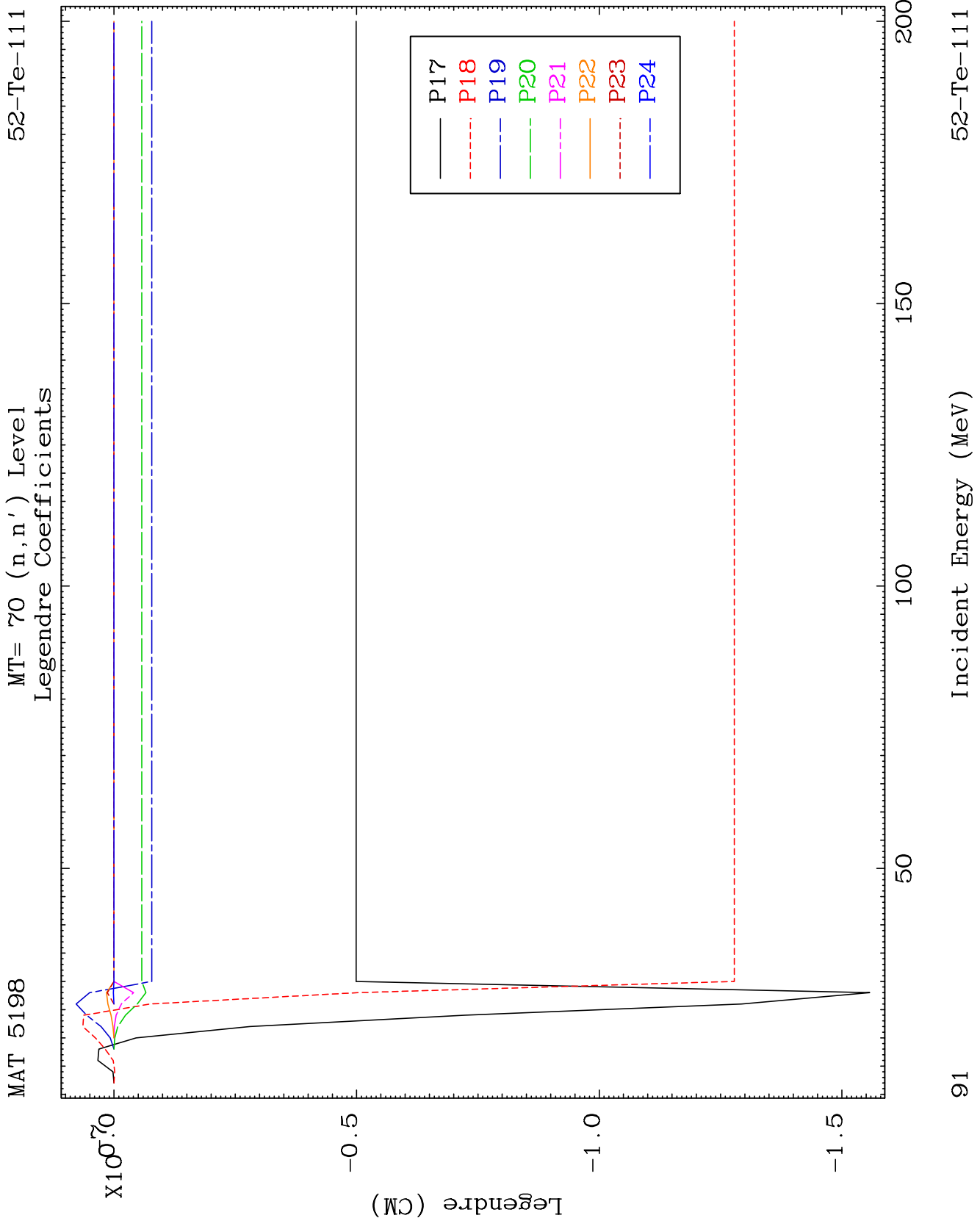
MT= 70 (n,n') Level
Legendre Coefficients



90

Incident Energy (MeV)

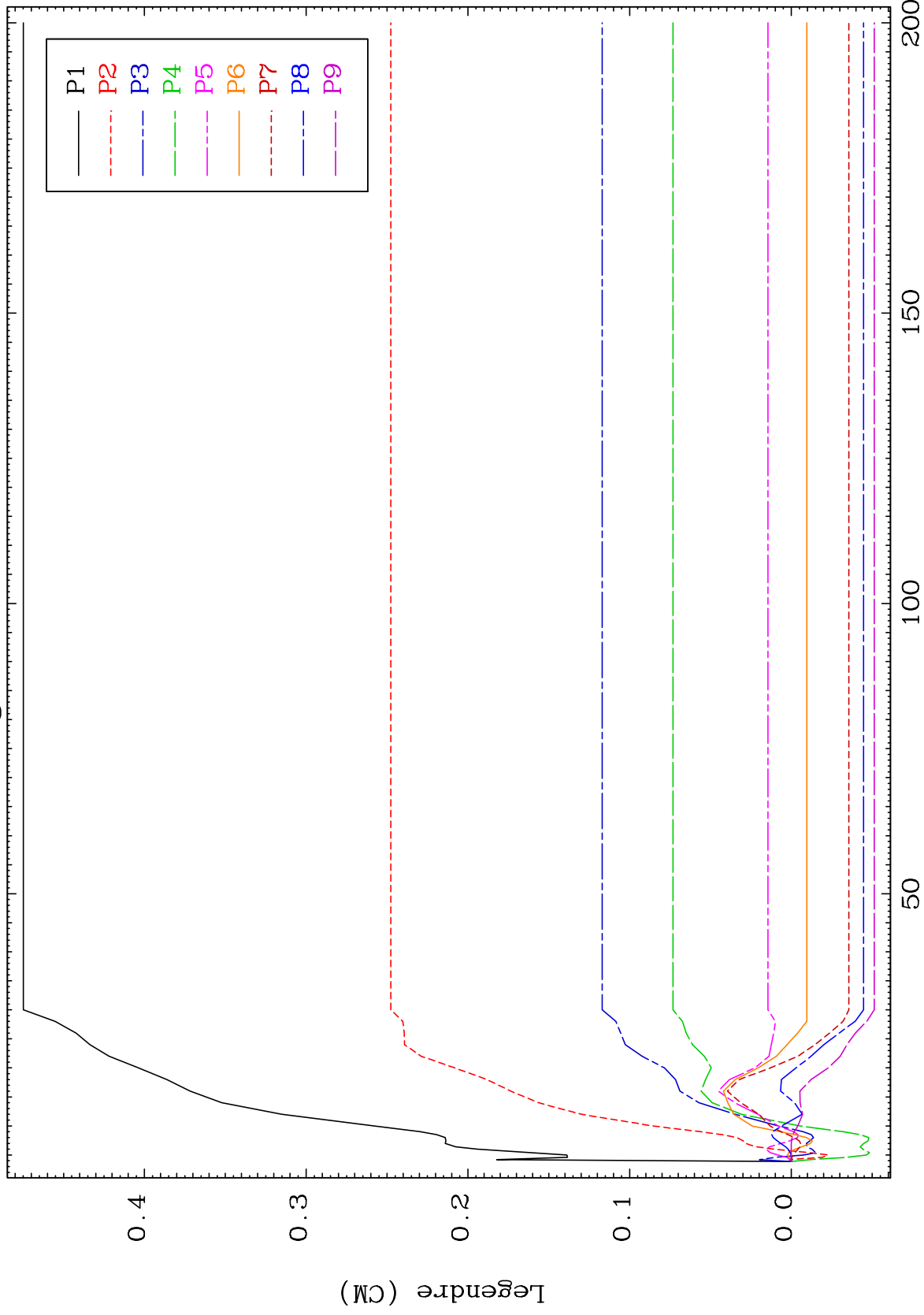
52-Te-111



MAT 5198

MT= 71 (n,n') Level
Legendre Coefficients

52-Te-111



92

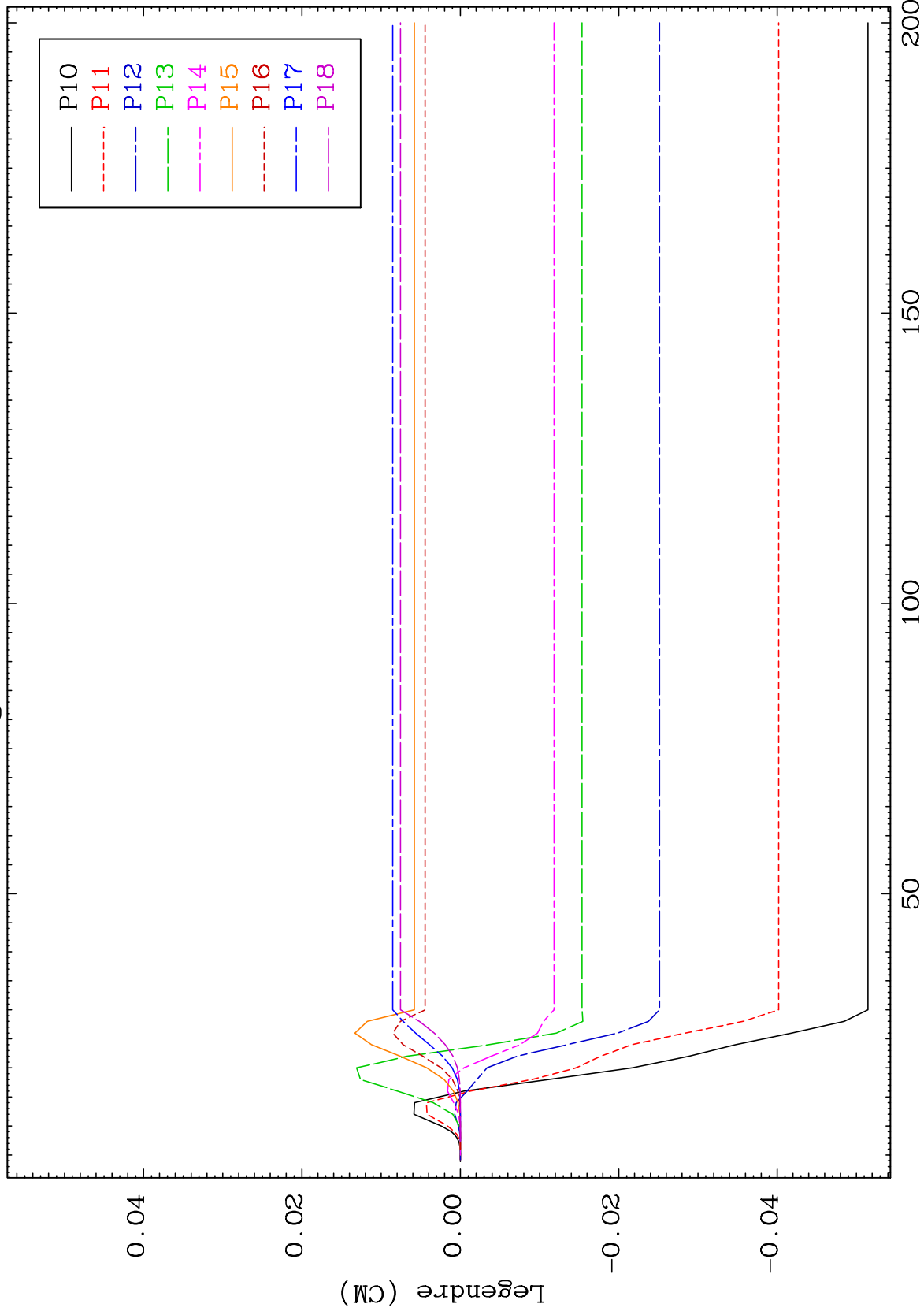
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 71 (n,n') Level
Legendre Coefficients

52-Te-111



93

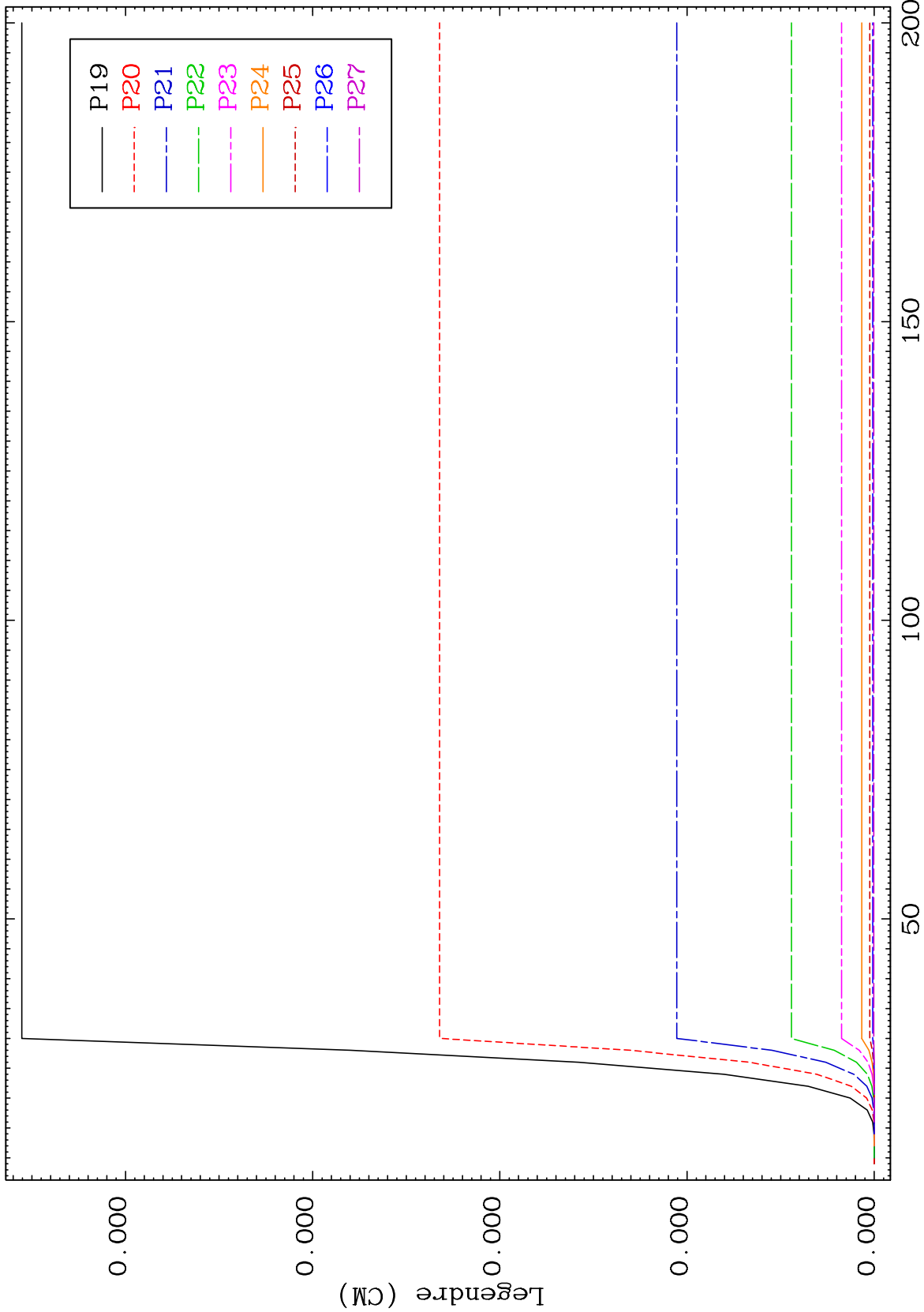
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 71 (n,n') Level
Legendre Coefficients

52-Te-111



94

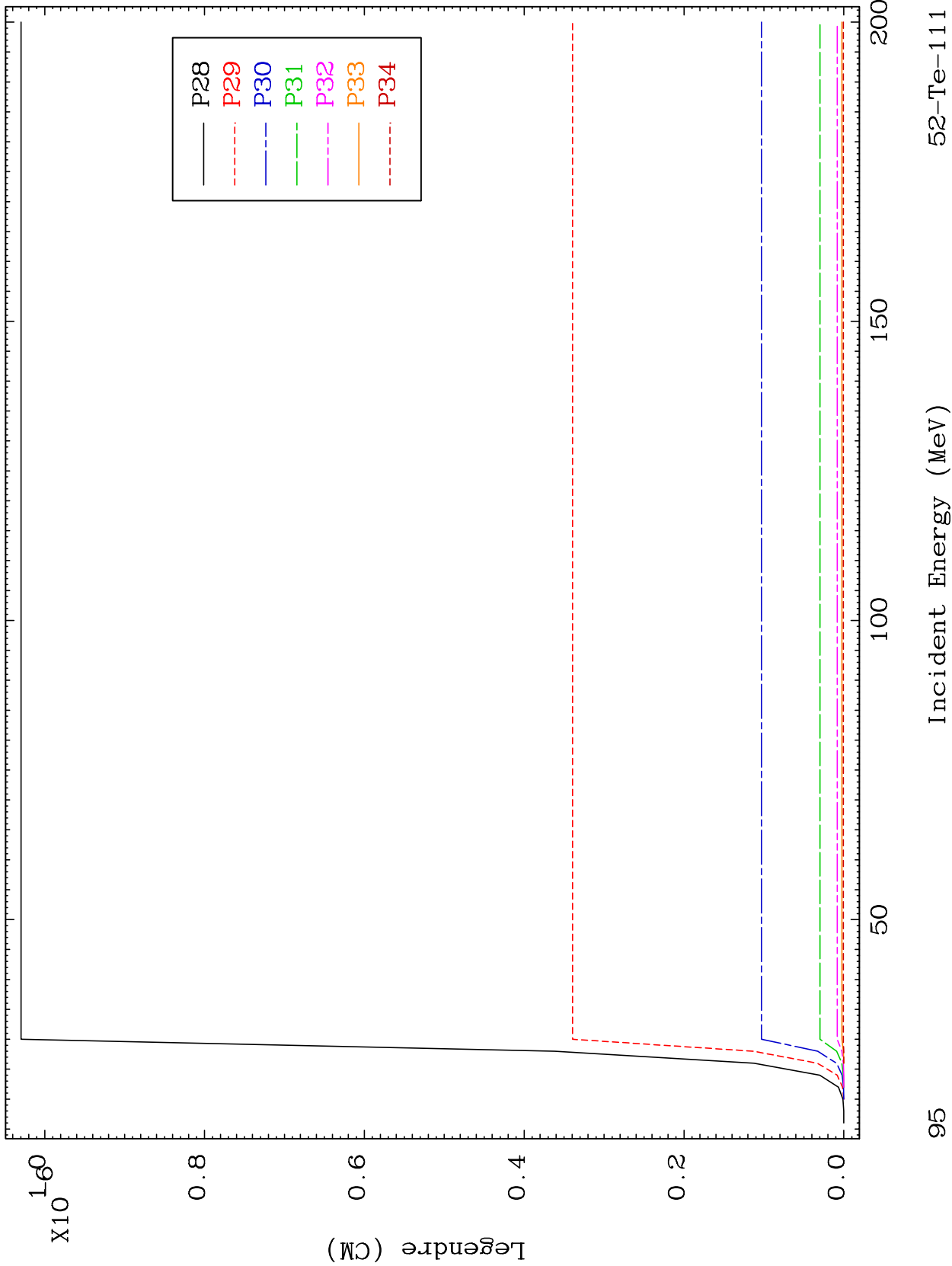
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 71 (n,n') Level
Legendre Coefficients

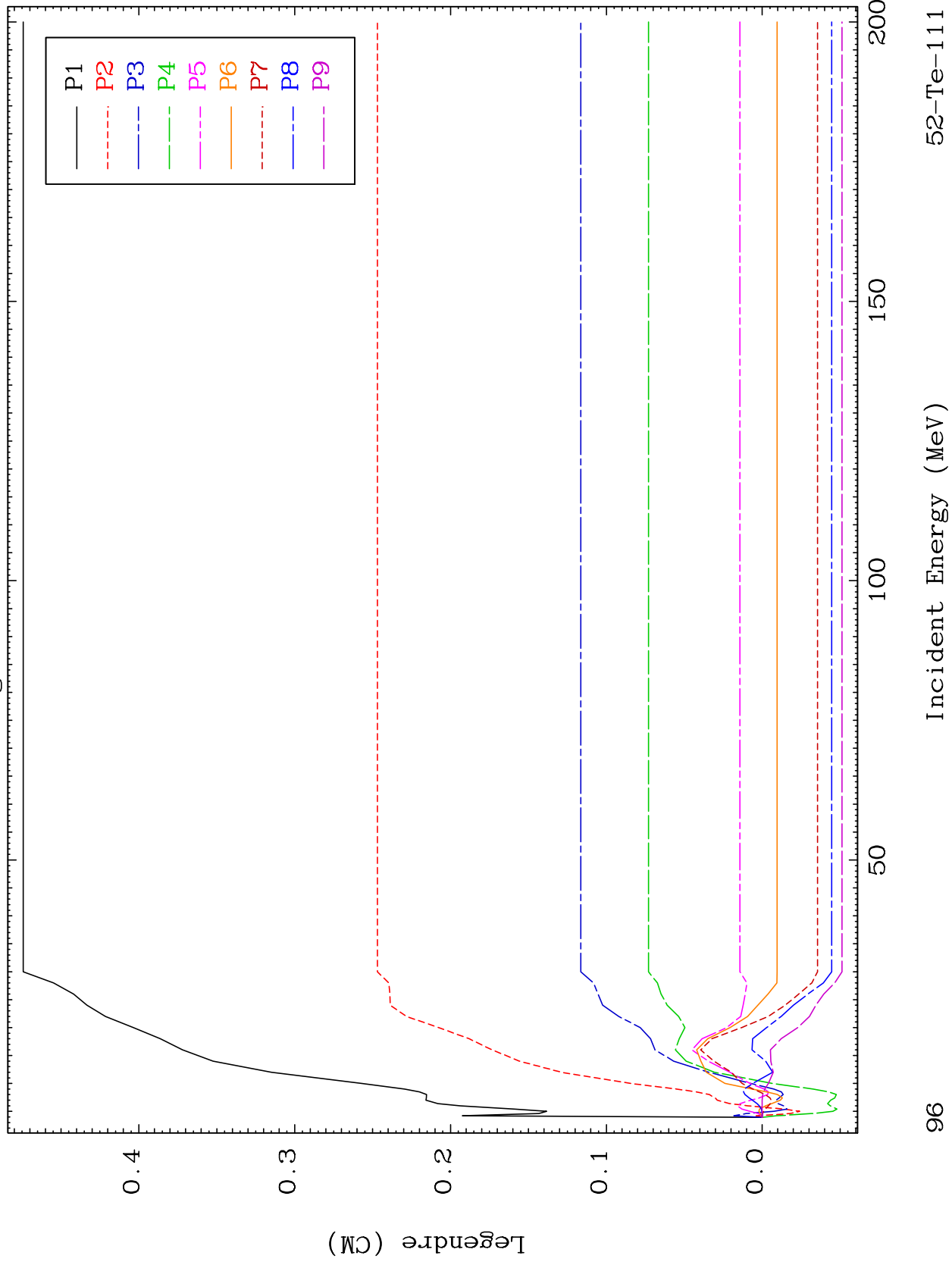
52-Te-111



MAT 5198

52-Te-111

MT= 72 (n,n') Level
Legendre Coefficients



96

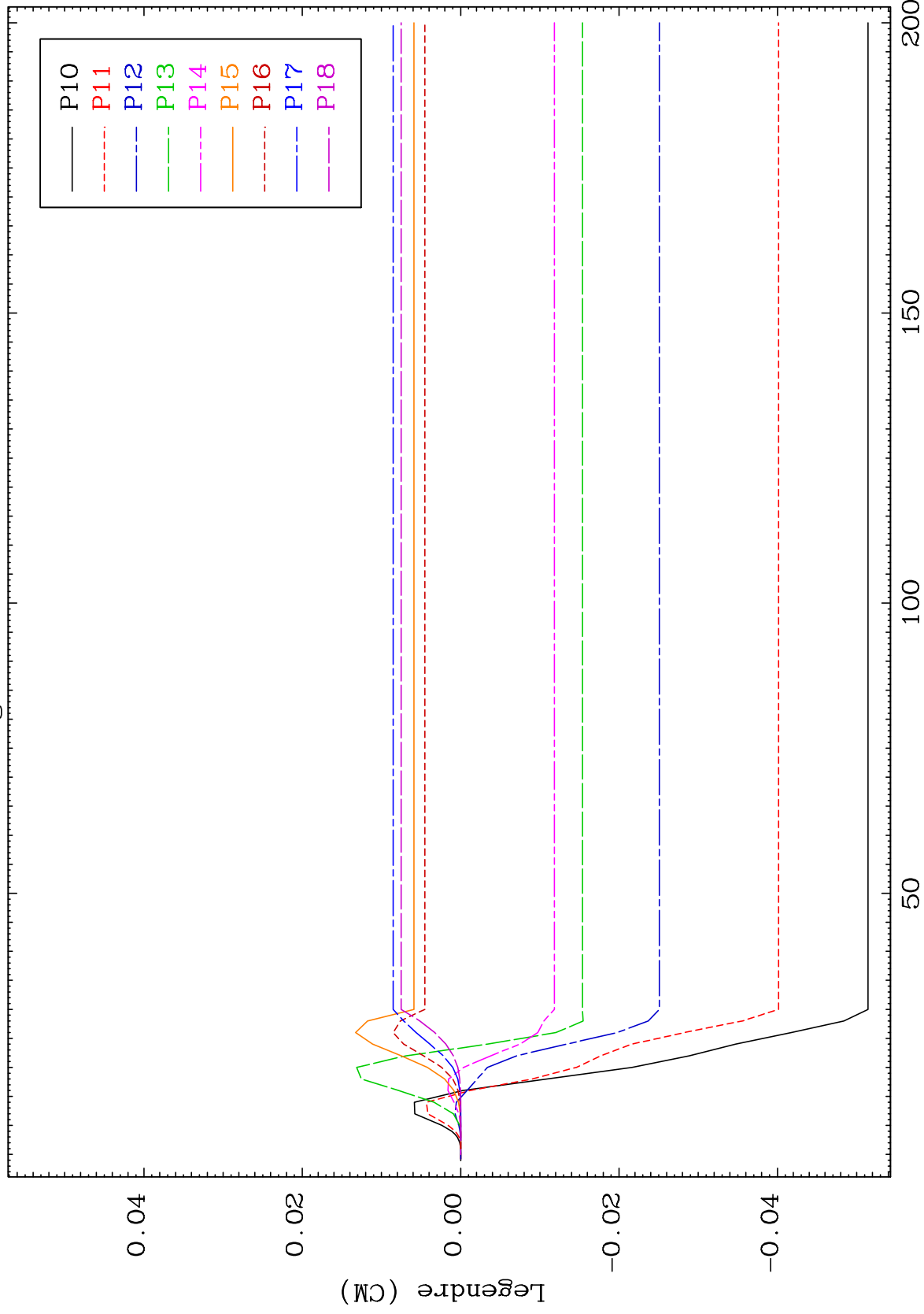
52-Te-111

Incident Energy (MeV)

MAT 5198

MT= 72 (n,n') Level
Legendre Coefficients

52-Te-111



97

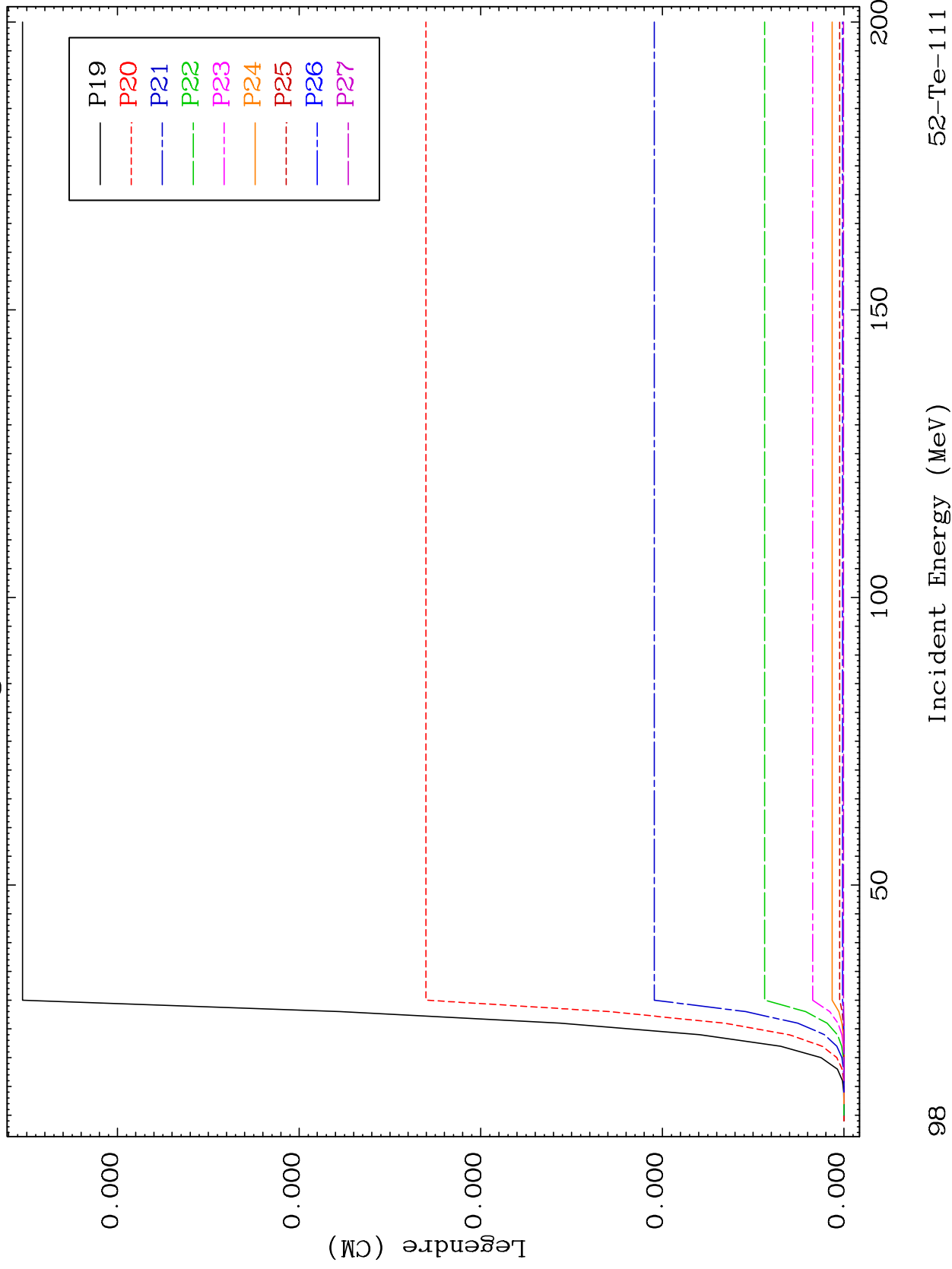
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 72 (n,n') Level
Legendre Coefficients

52-Te-111



98

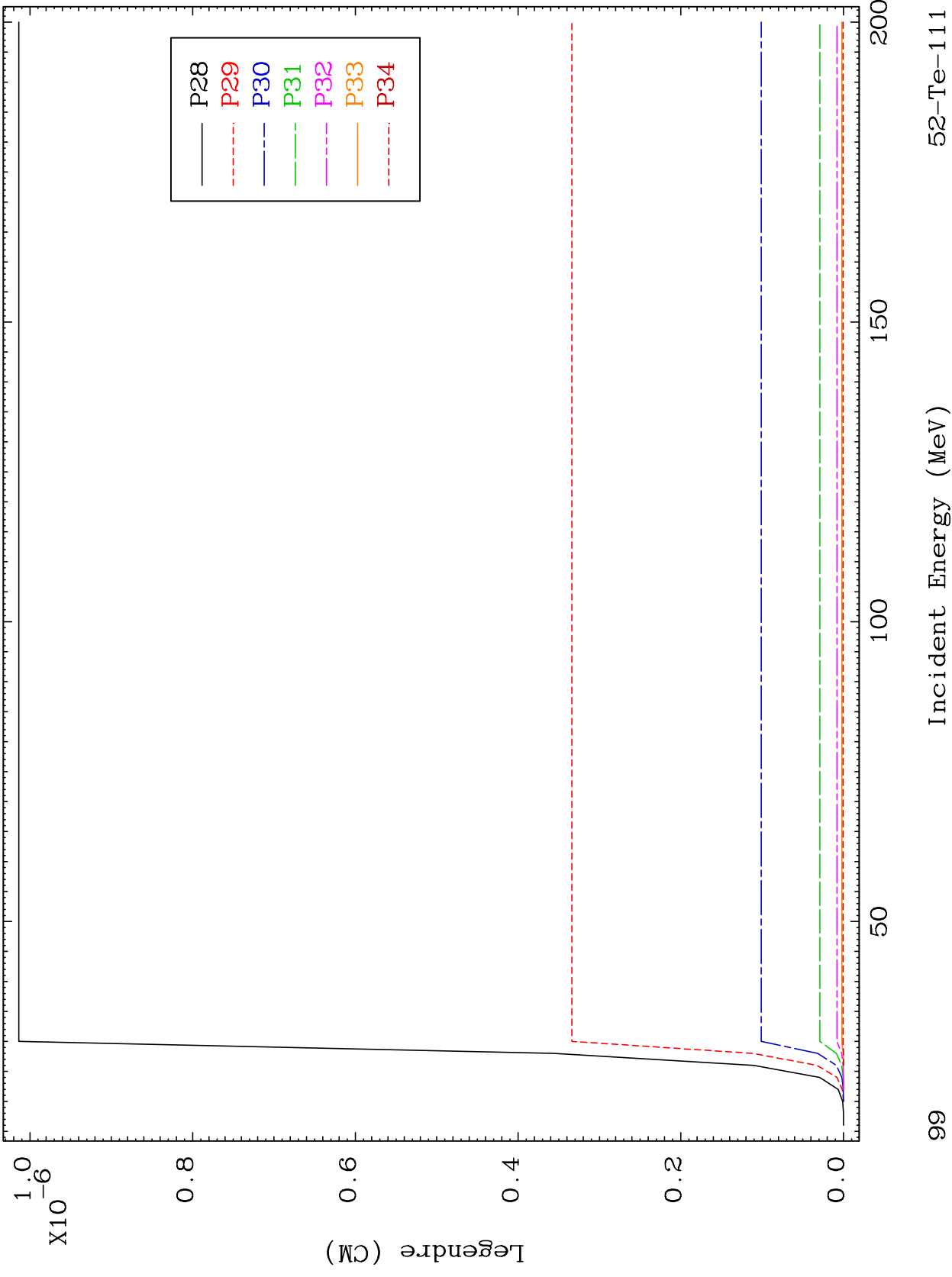
Incident Energy (MeV)

52-Te-111

MAT 5198

MT= 72 (n,n') Level
Legendre Coefficients

52-Te-111



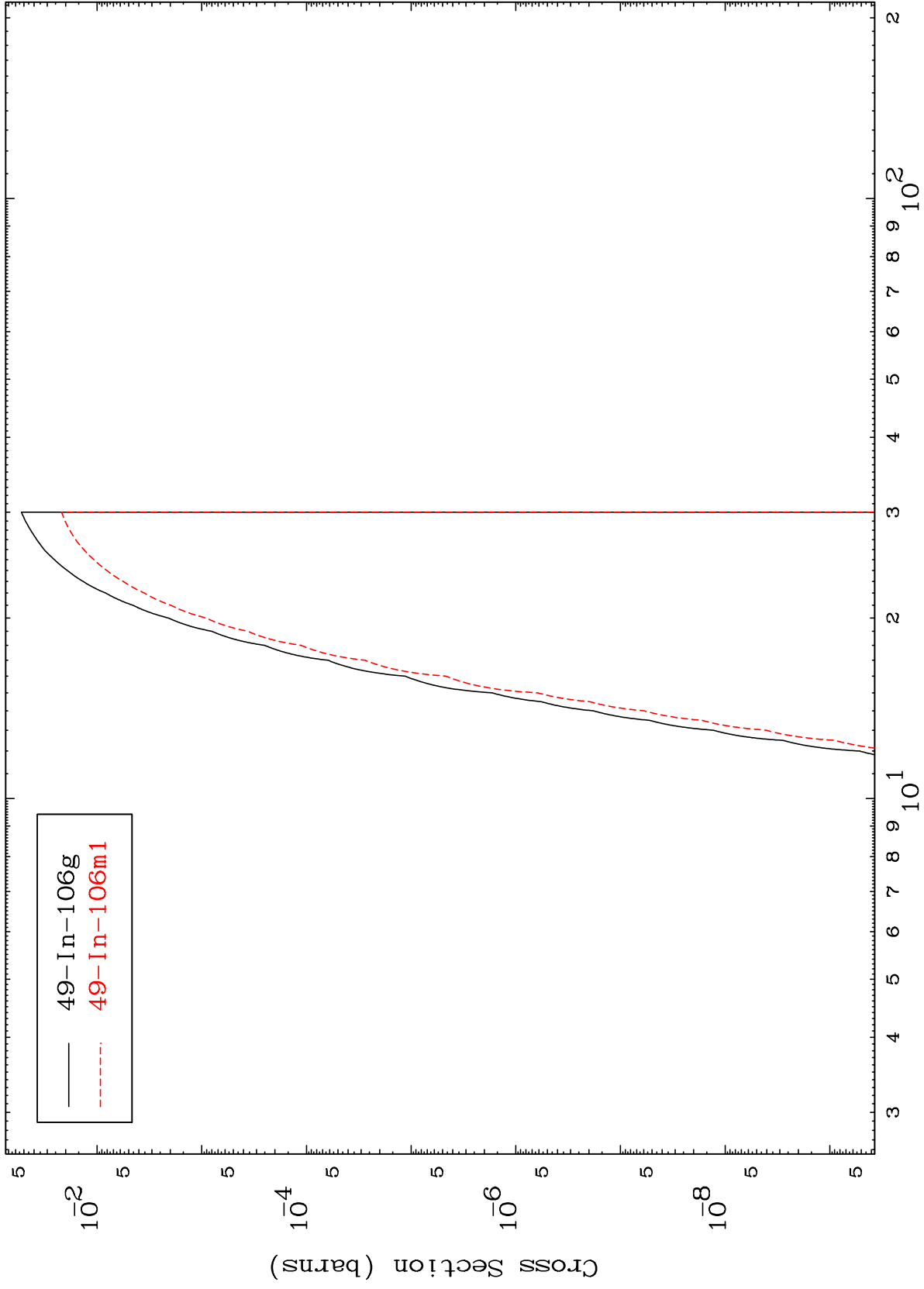
99

MAT 5198

52-Te-111

(n,n') p α

Radionuclide Production Cross Section



— 49-In-106g
- - - 49-In-106m1

52-Te-111

Incident Energy (MeV)

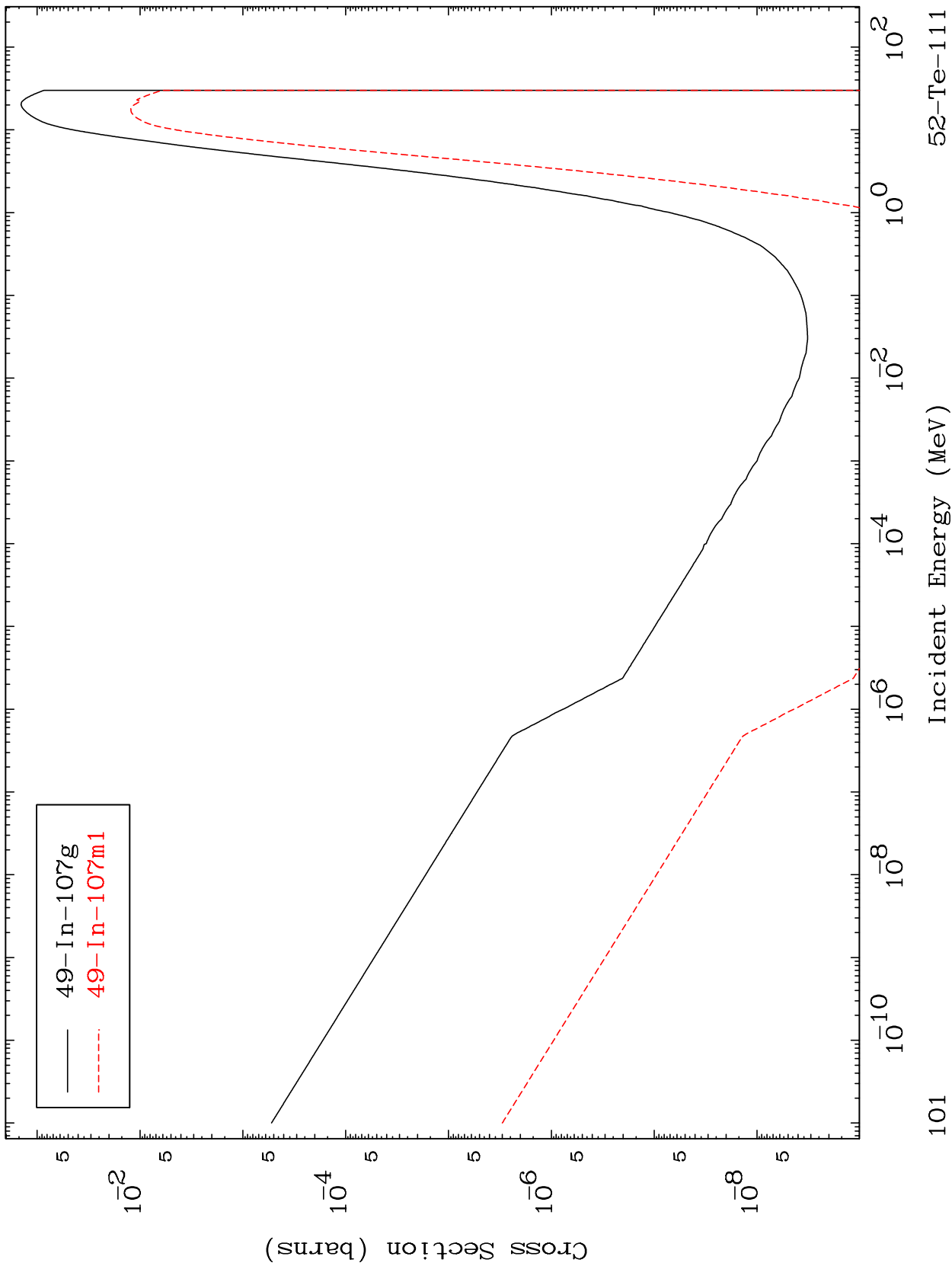
100

MAT 5198

(n,p) α

52-Te-111

Radionuclide Production Cross Section



— 49-In-107g
- - - 49-In-107m1

101

Incident Energy (MeV)

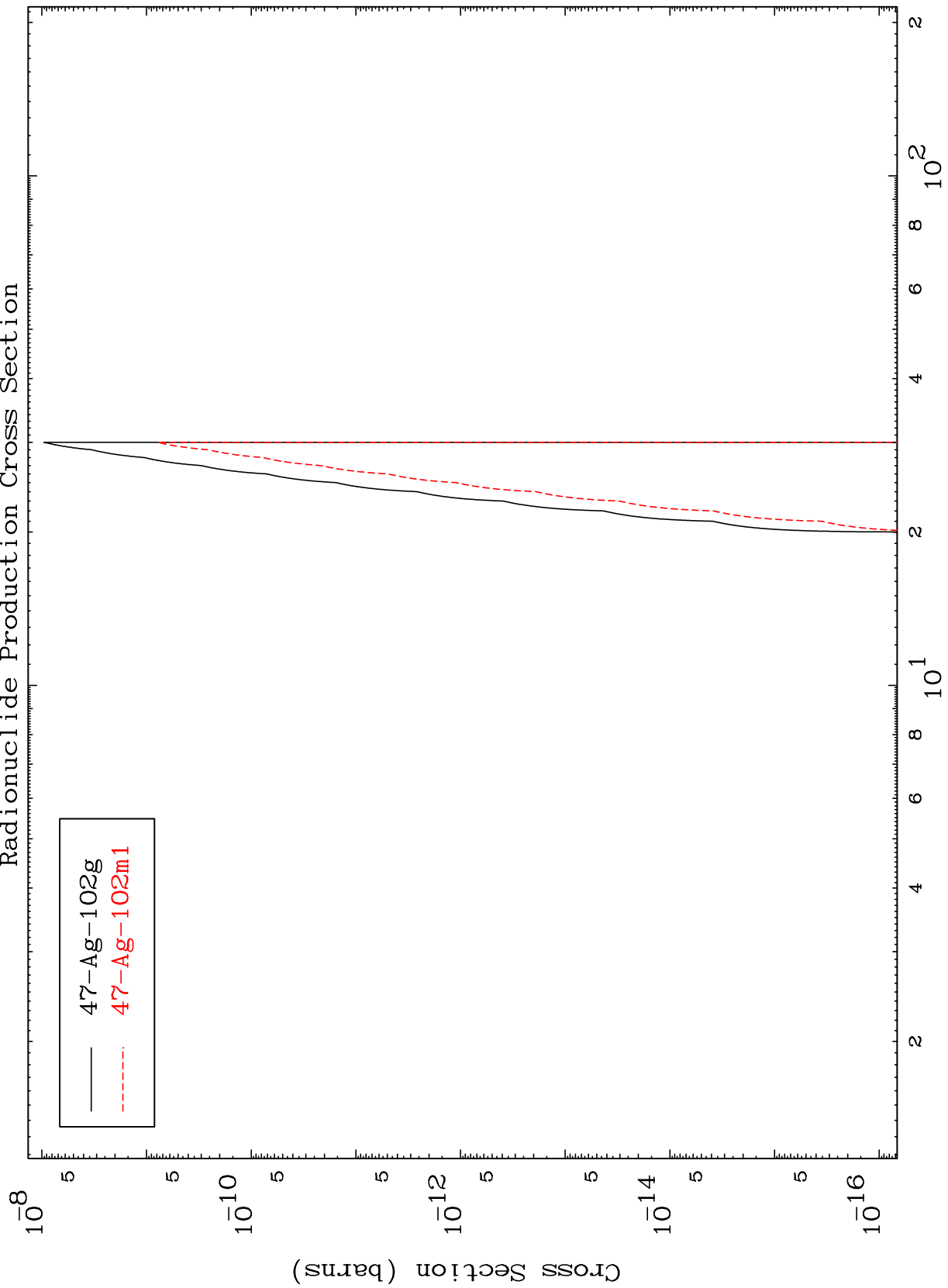
52-Te-111

MAT 5198

(n,d) 2α

52-Te-111

Radionuclide Production Cross Section



— 47-Ag-102g
- - - 47-Ag-102m1

102

Incident Energy (MeV)

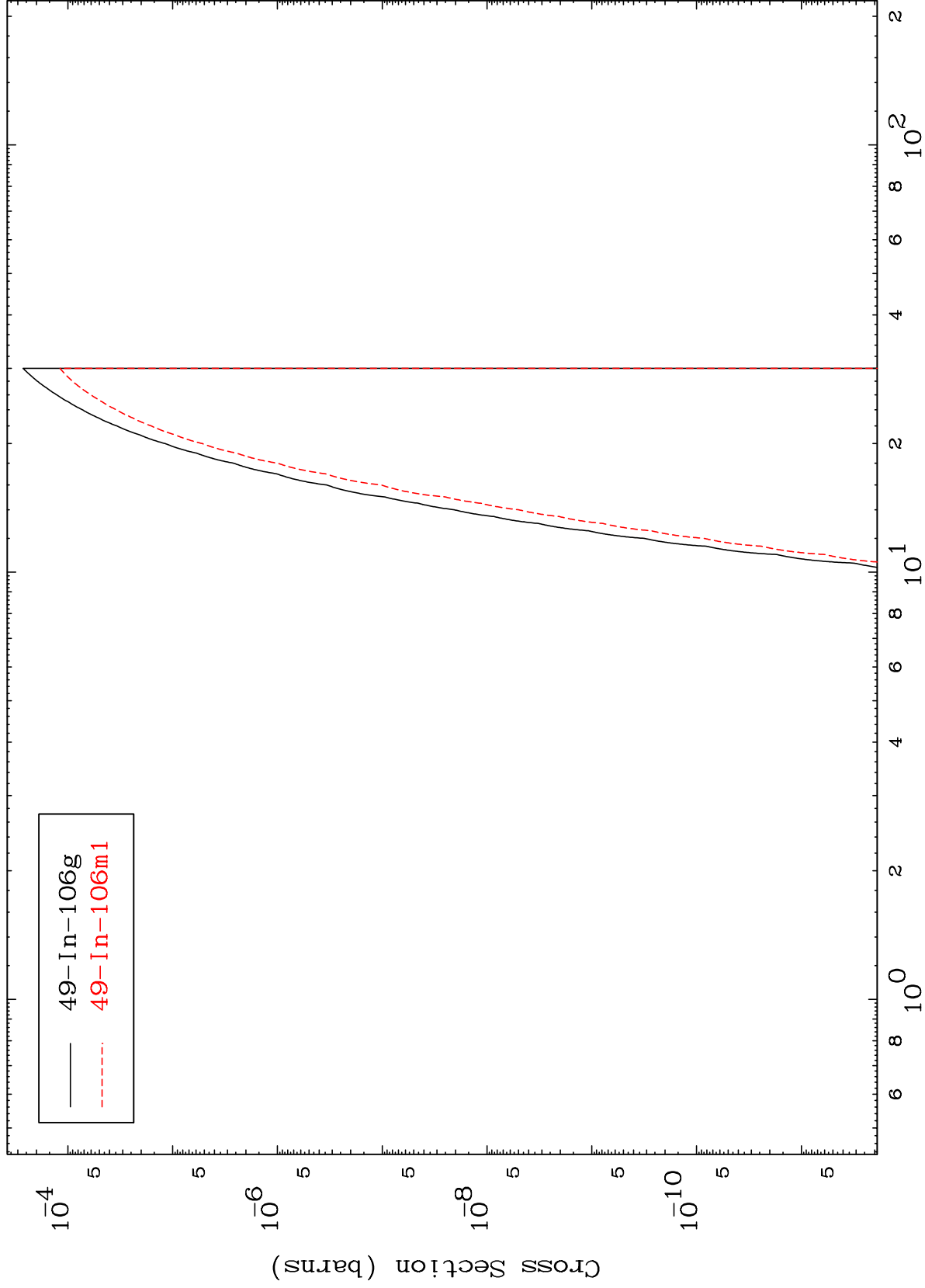
52-Te-111

MAT 5198

(n,d) α

52-Te-111

Radionuclide Production Cross Section



103

Incident Energy (MeV)

52-Te-111