

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

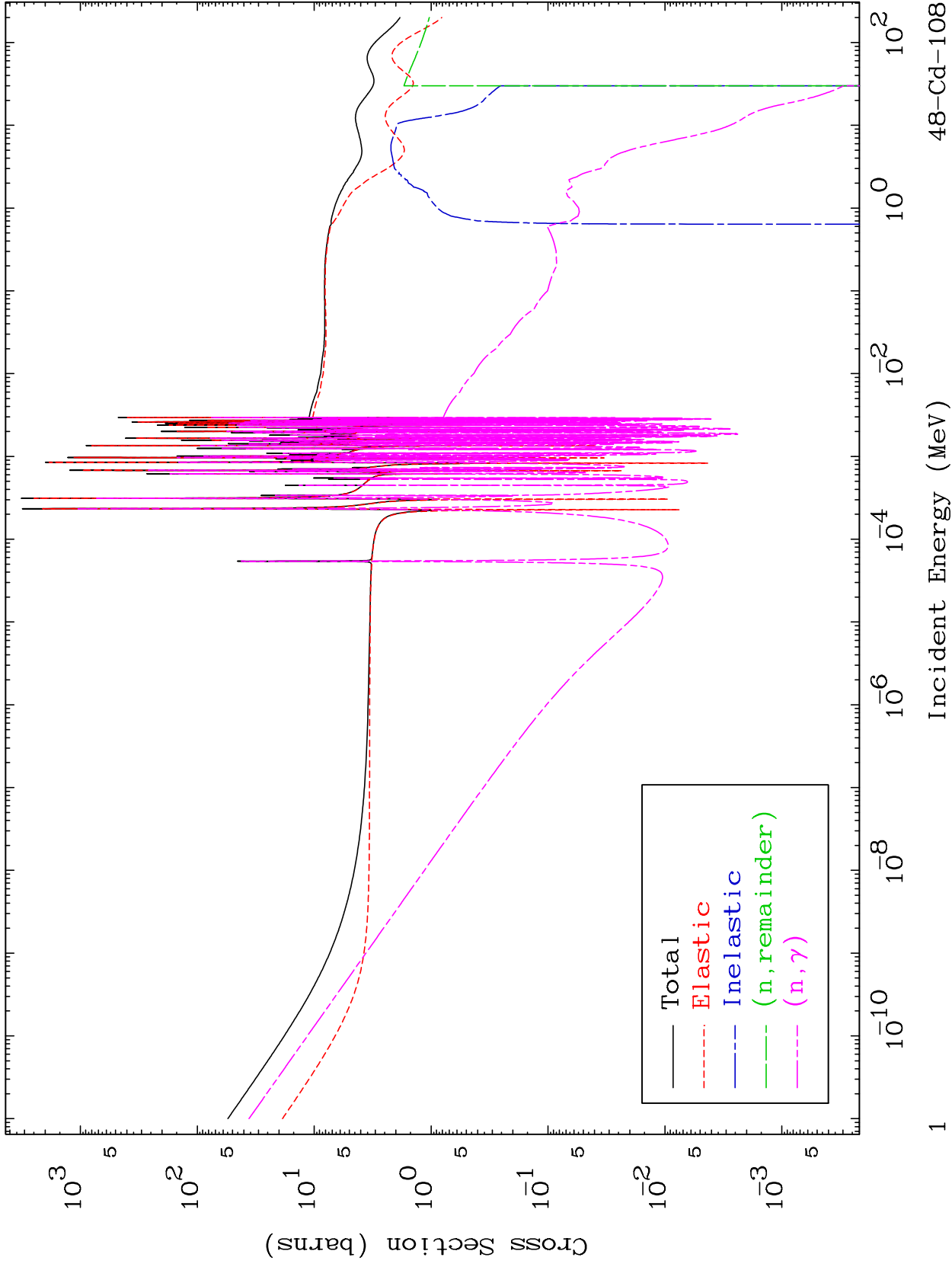
Press Mouse Button to Start

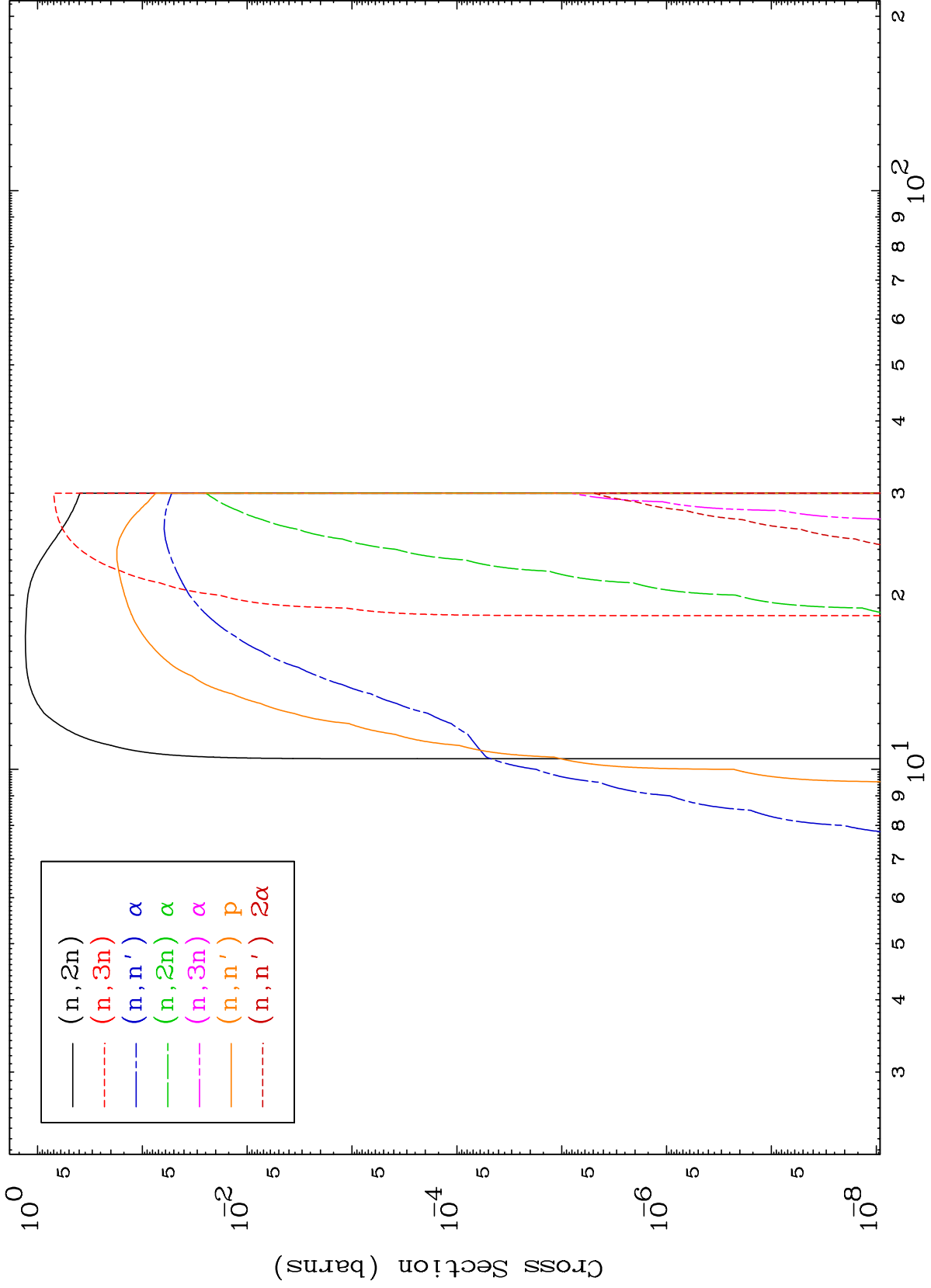
MAT 4831

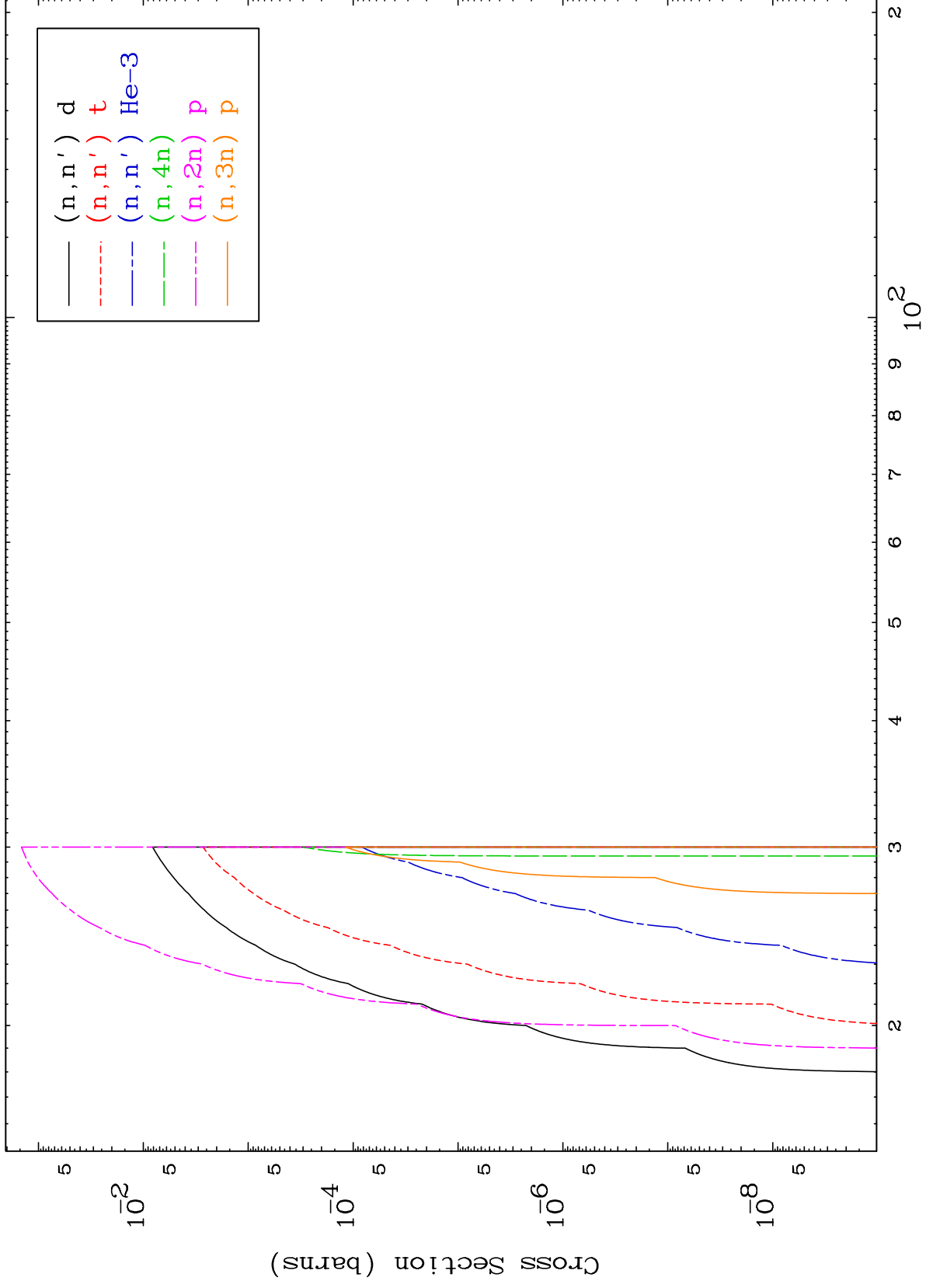
Major

293 Kelvin Cross Sections

48-Cd-108



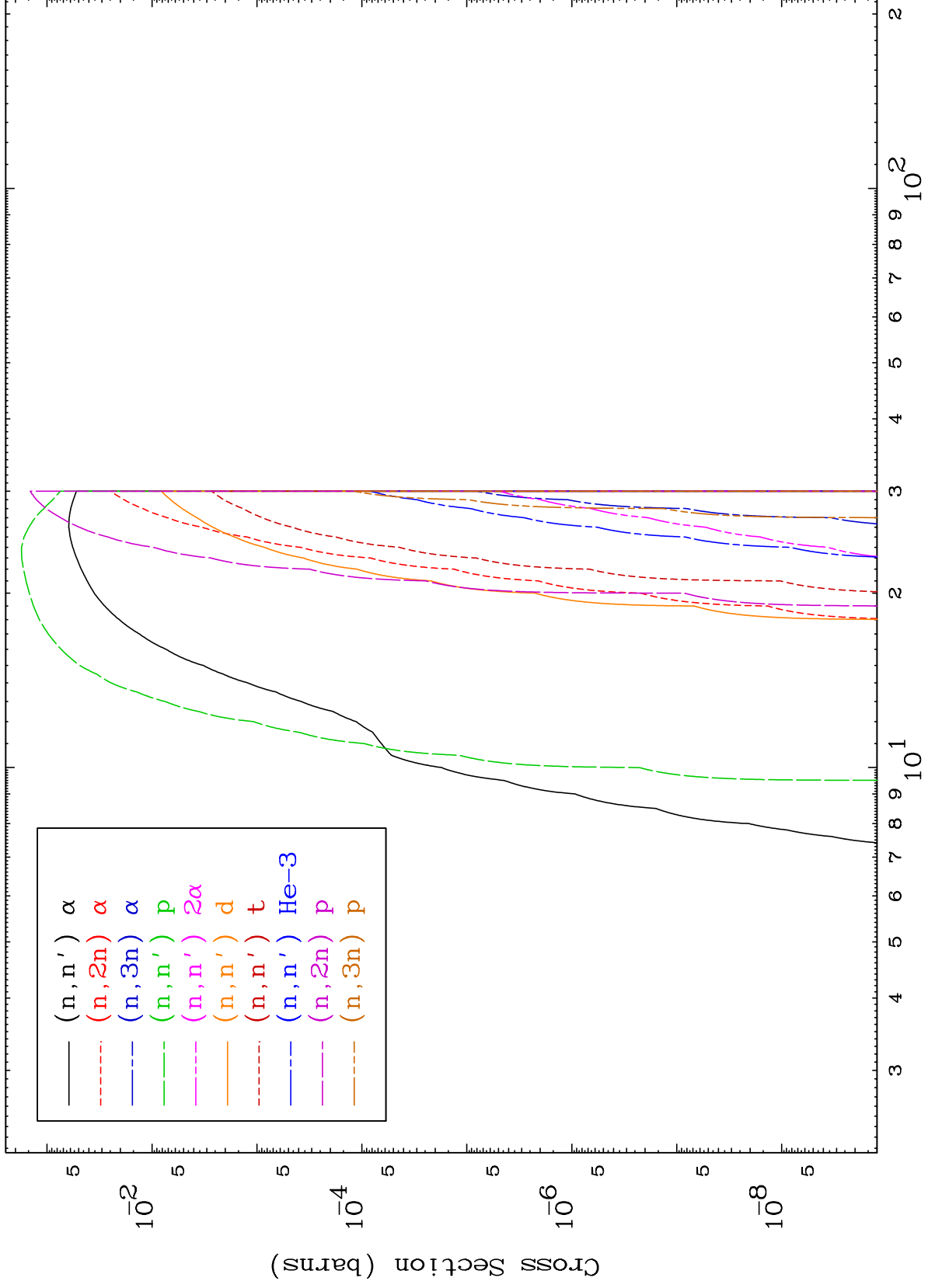




MAT 4831

Charged Particle
293 Kelvin Cross Sections

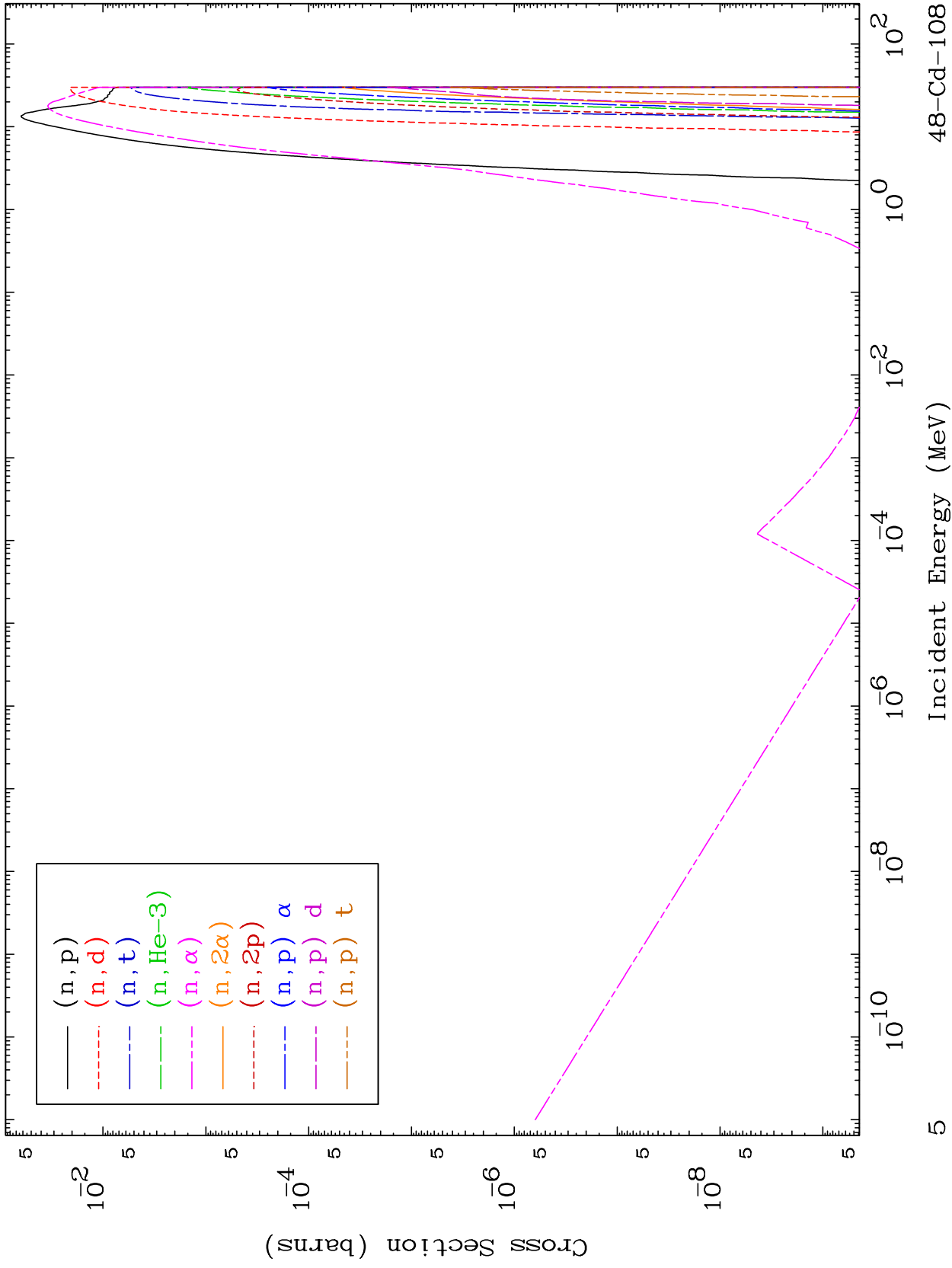
48-Cd-108



MAT 4831

Charged Particle
293 Kelvin Cross Sections

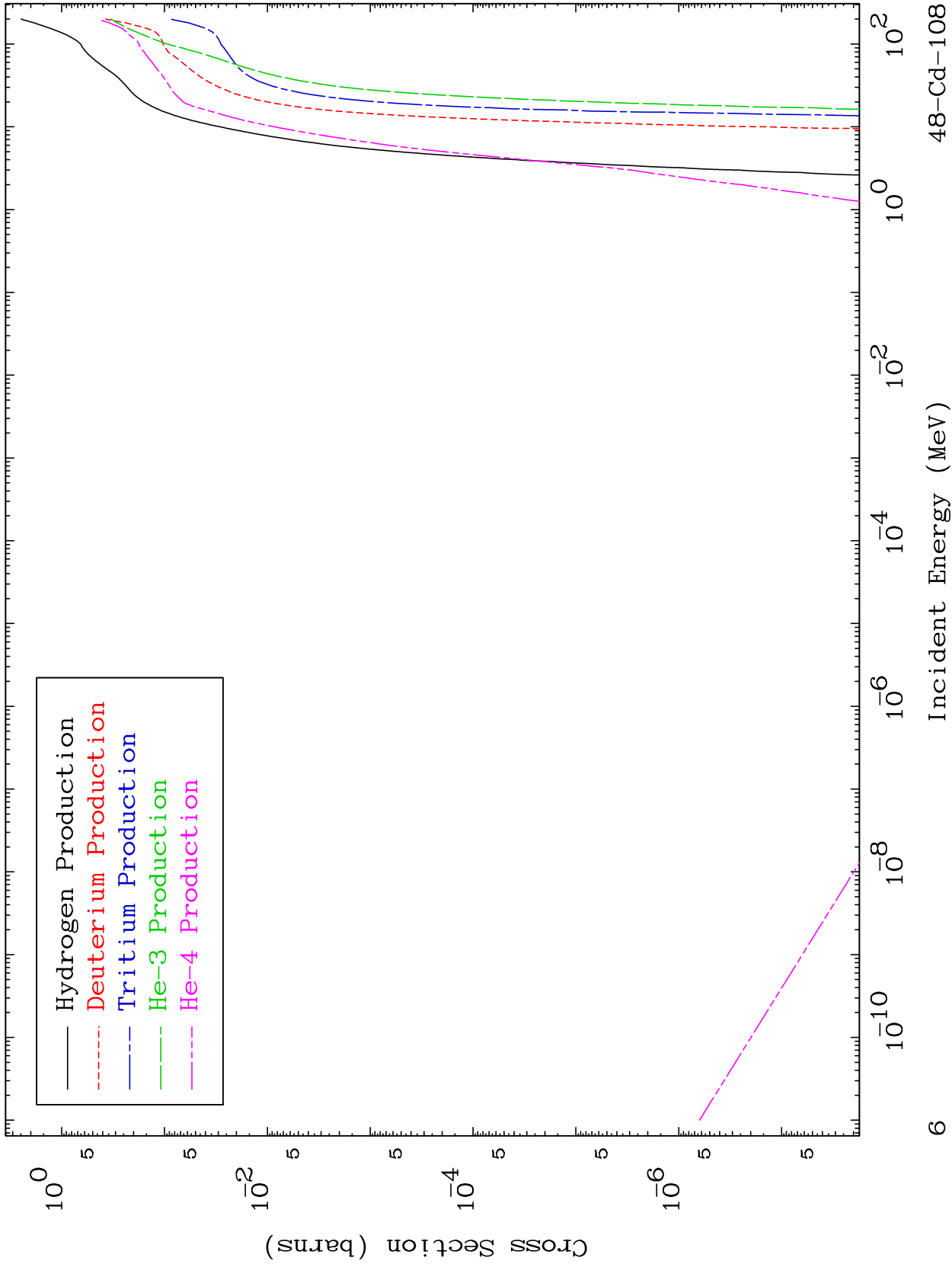
48-Cd-108



MAT 4831

Particle Production
293 Kelvin Cross Sections

48-Cd-108

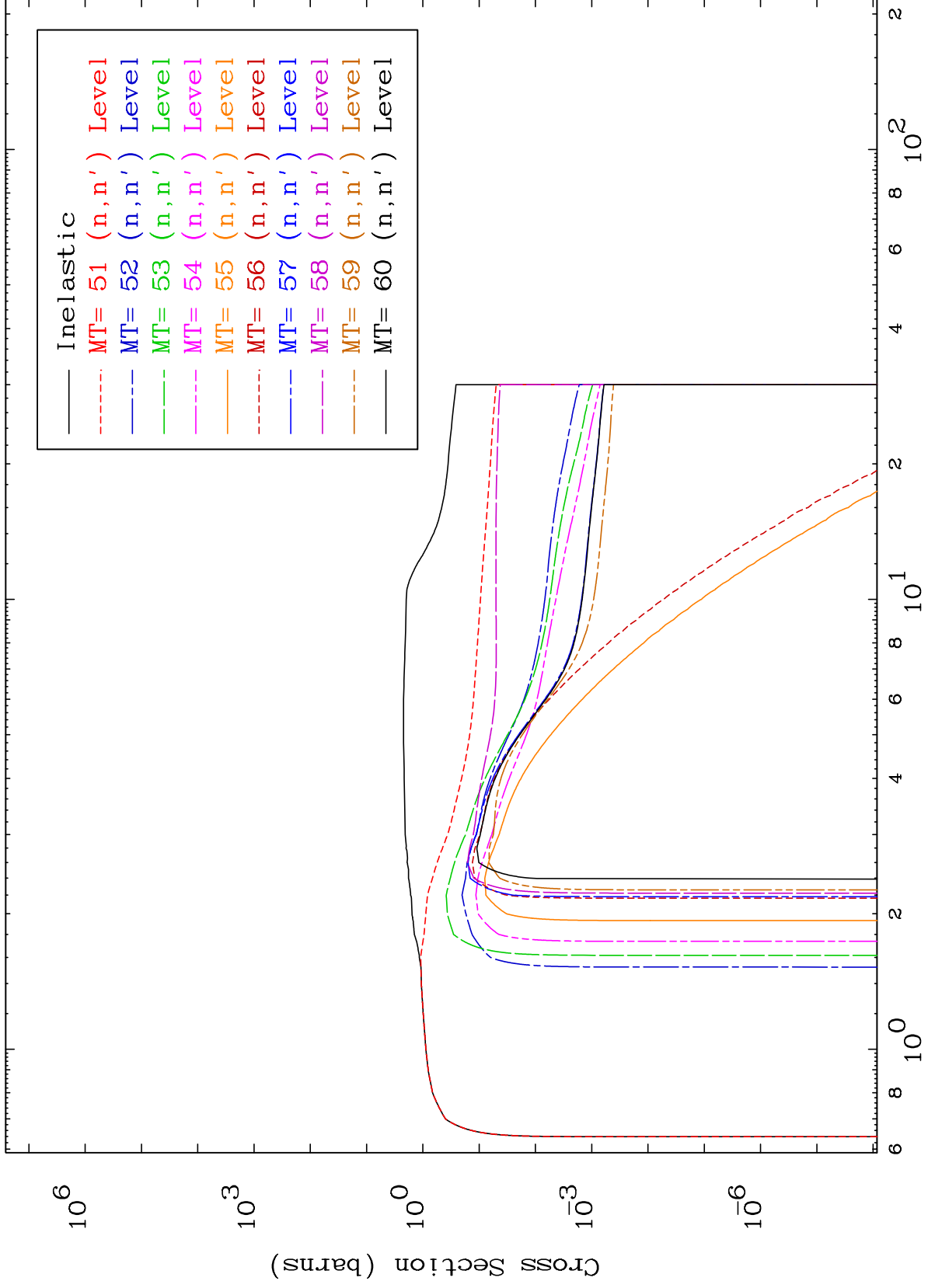


MAT 4831

(n,n') Level

48-Cd-108

293 Kelvin Cross Sections



7

Incident Energy (MeV)

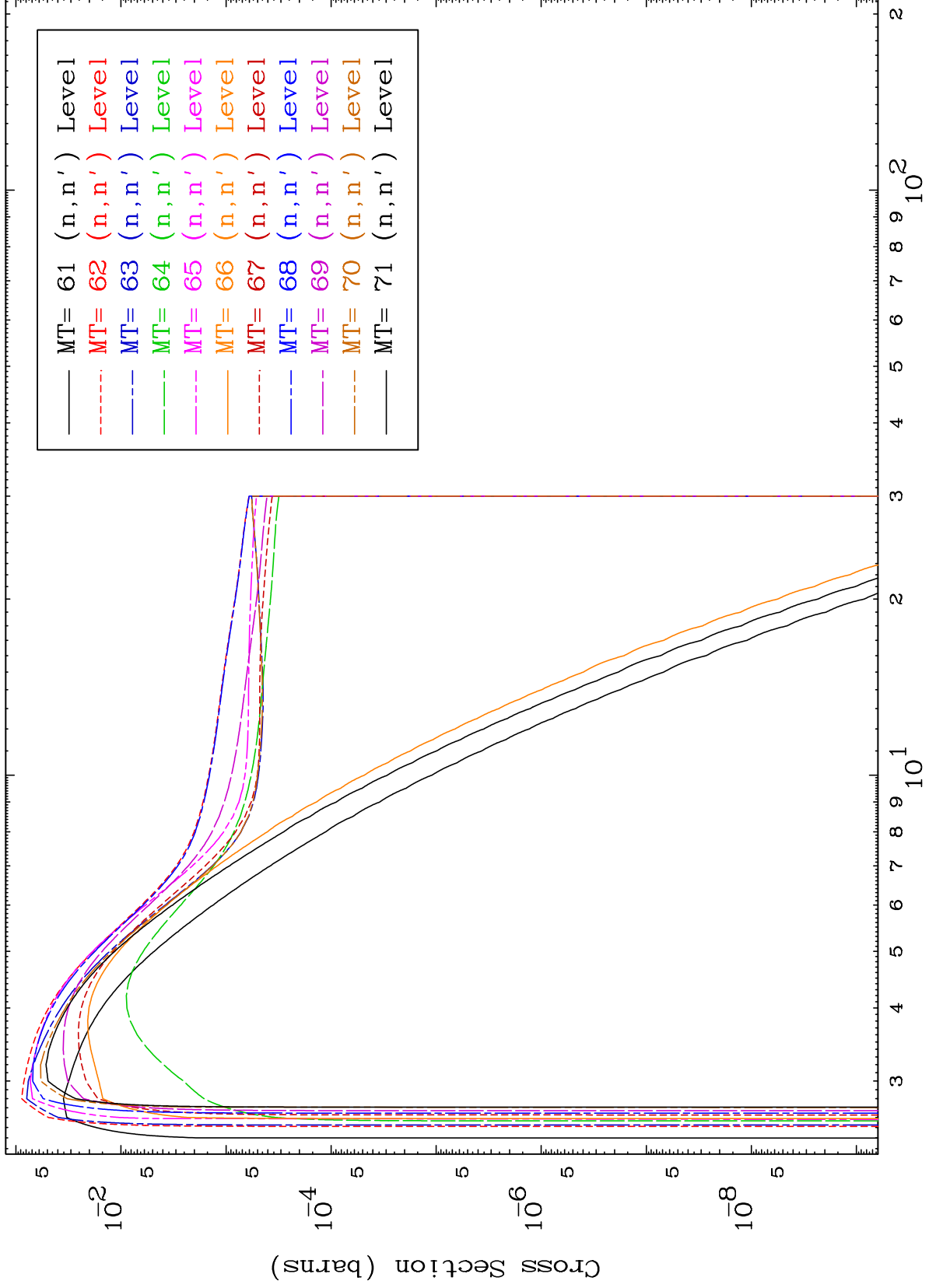
48-Cd-108

MAT 4831

(n,n') Level

48-Cd-108

293 Kelvin Cross Sections



8

Incident Energy (MeV)

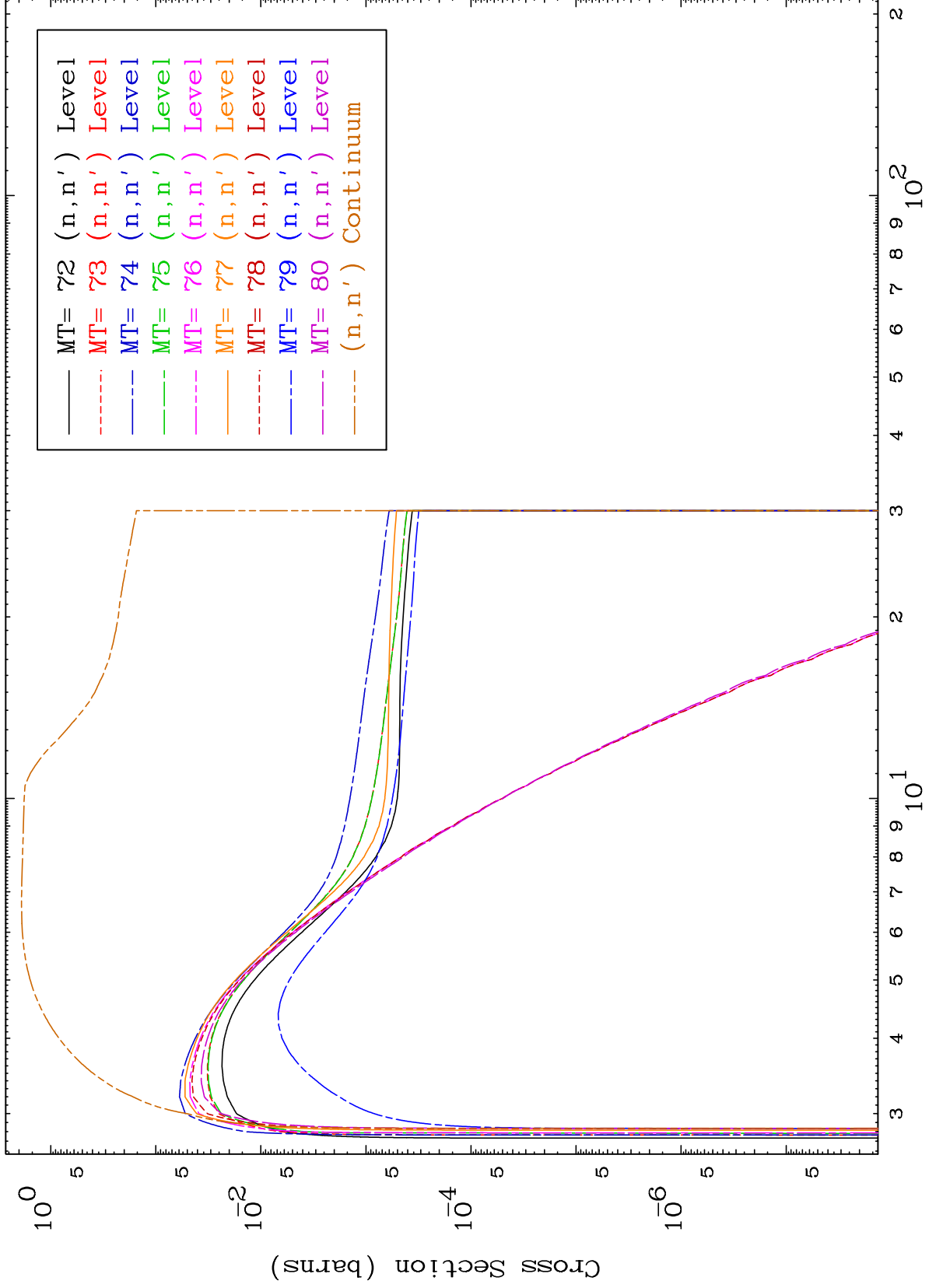
48-Cd-108

MAT 4831

(n,n') Level

48-Cd-108

293 Kelvin Cross Sections



9

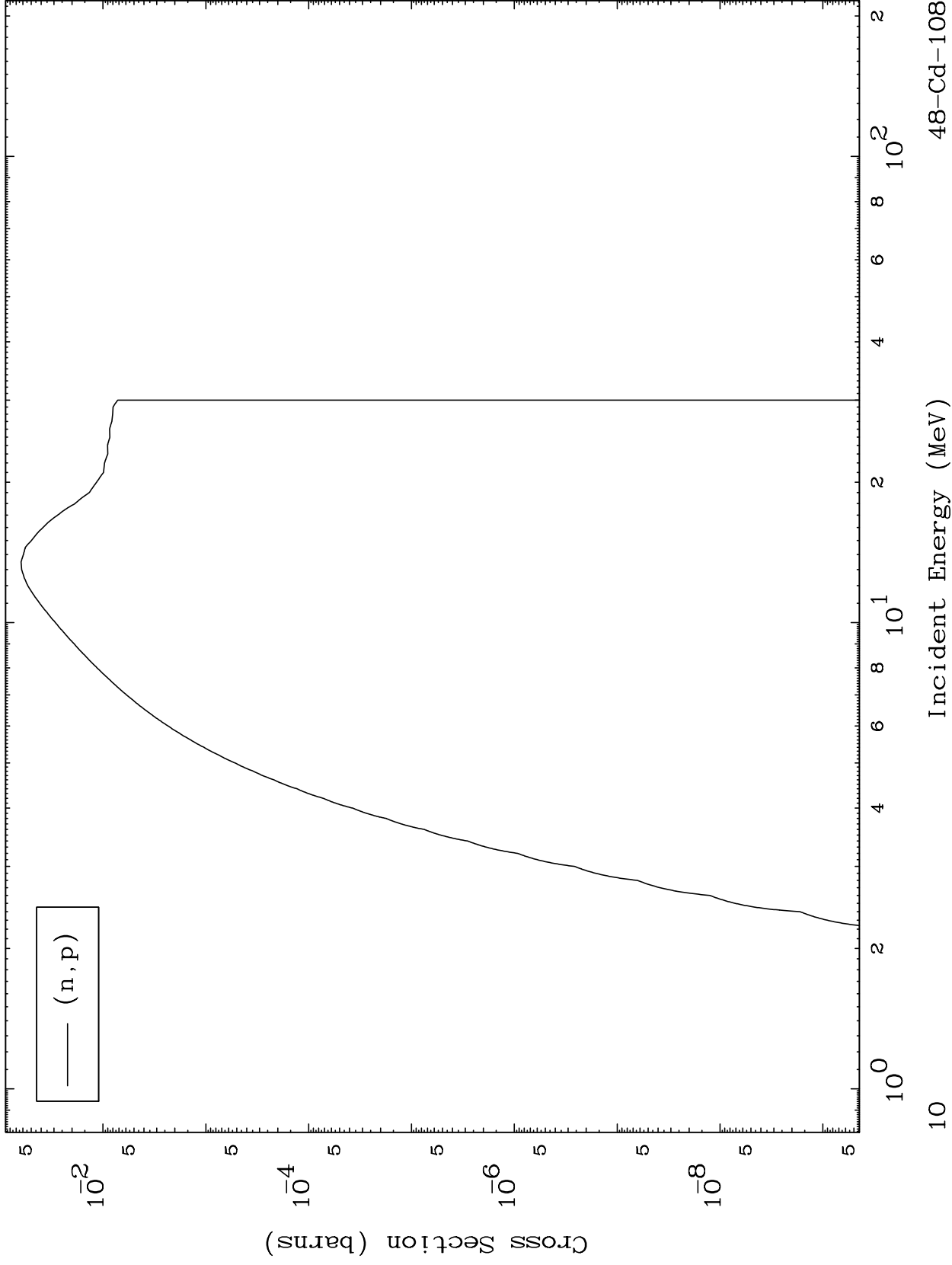
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,p) Levels
293 Kelvin Cross Sections

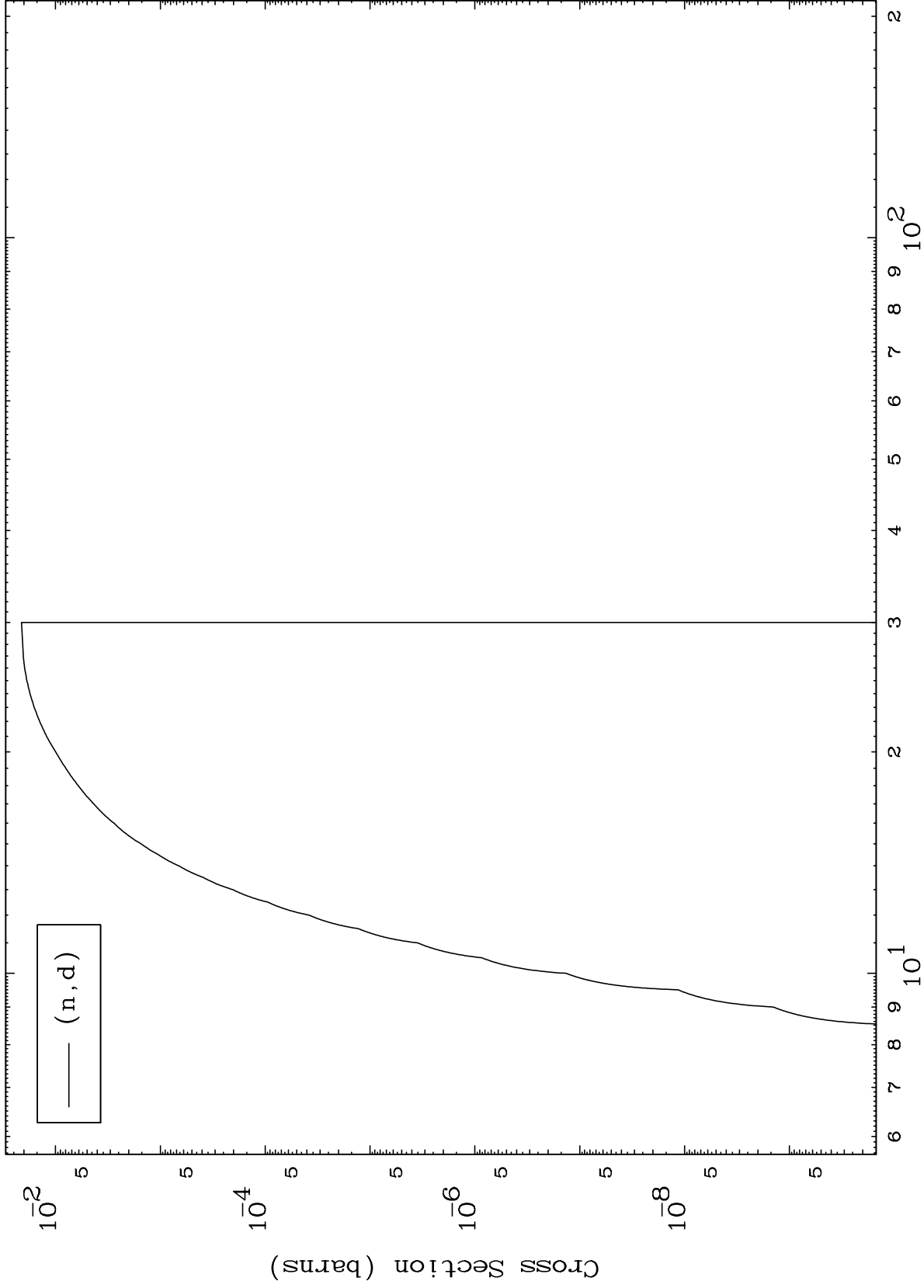
48-Cd-108



MAT 4831

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-108



11

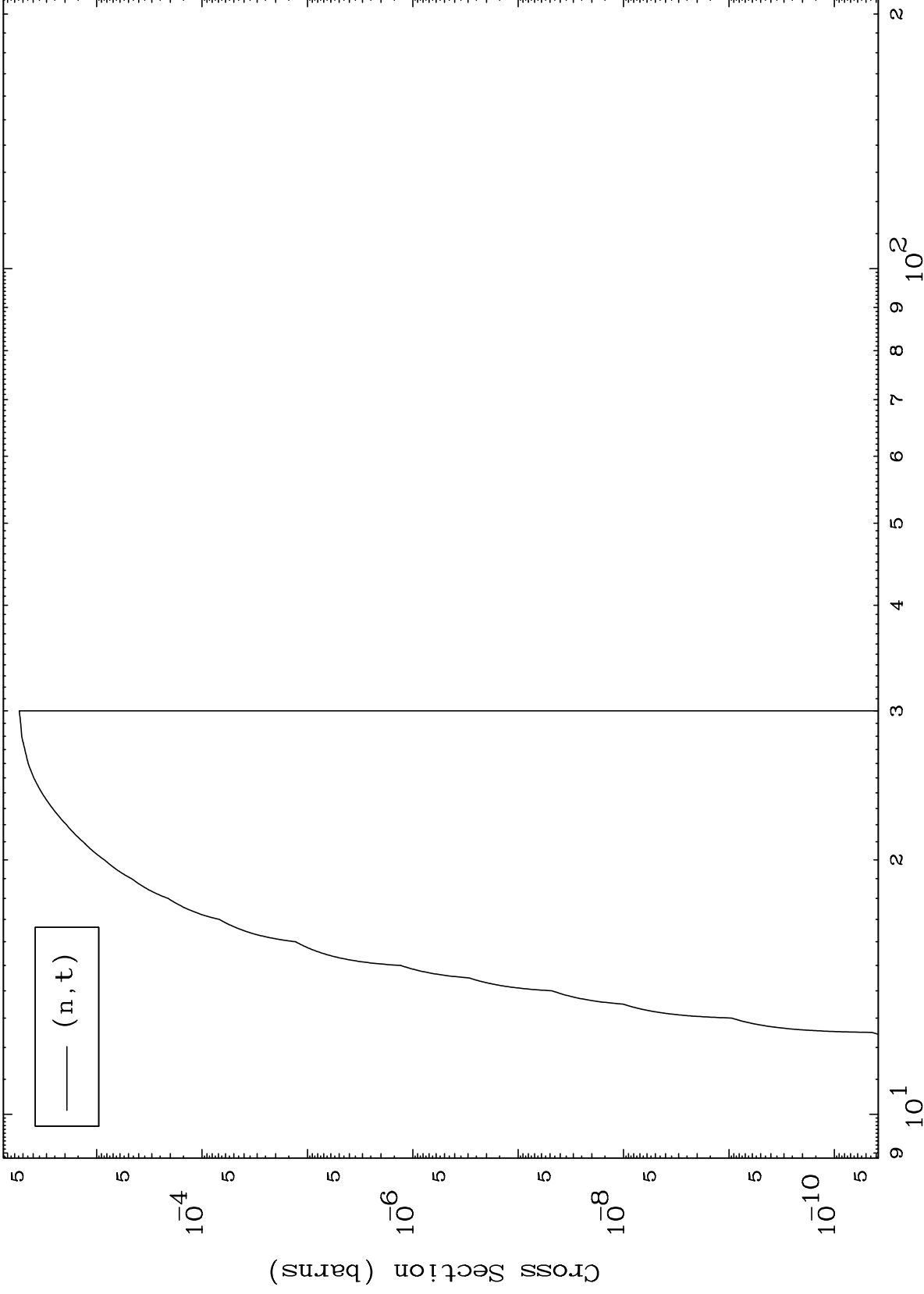
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-108



12

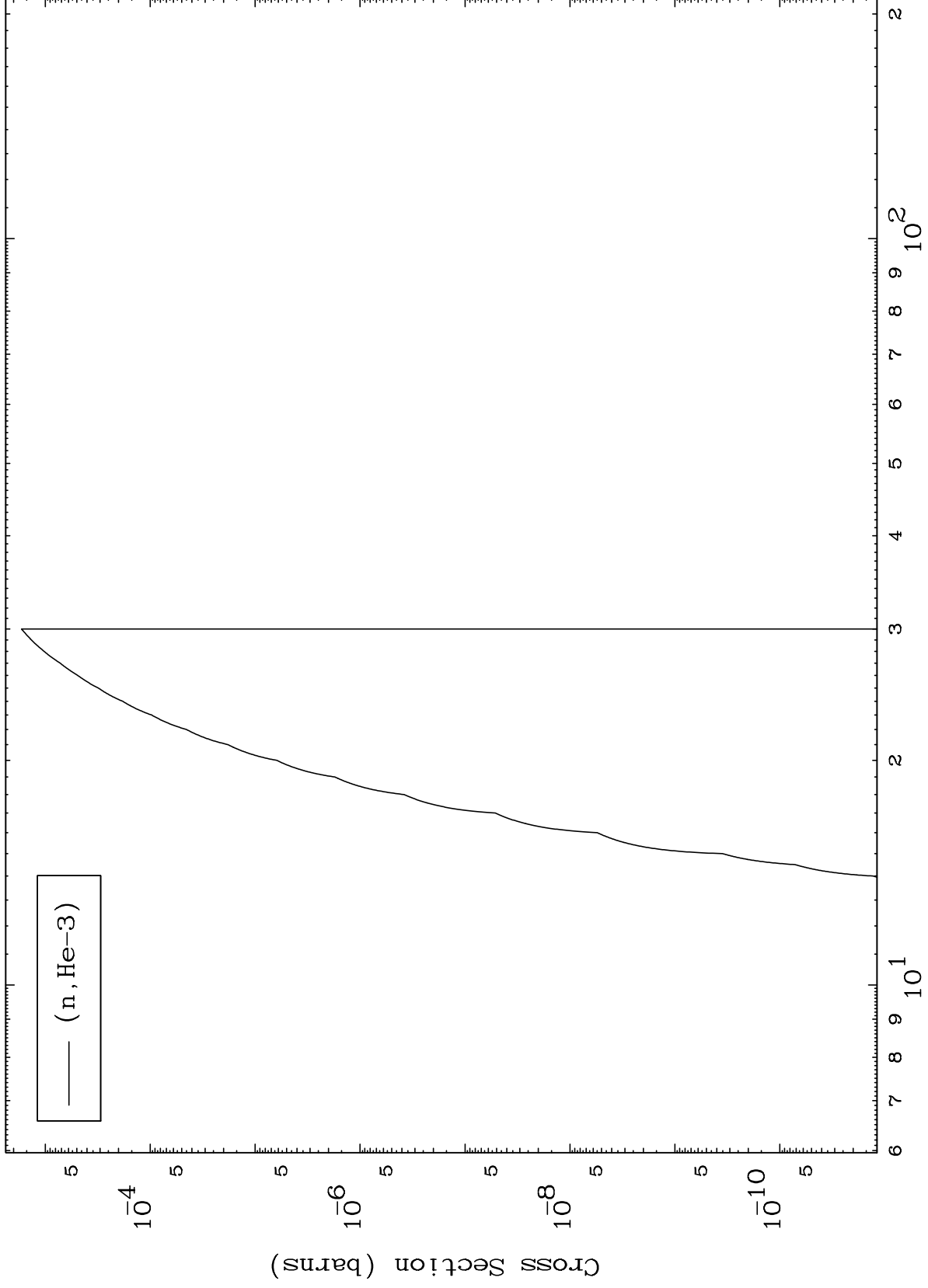
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-108



13

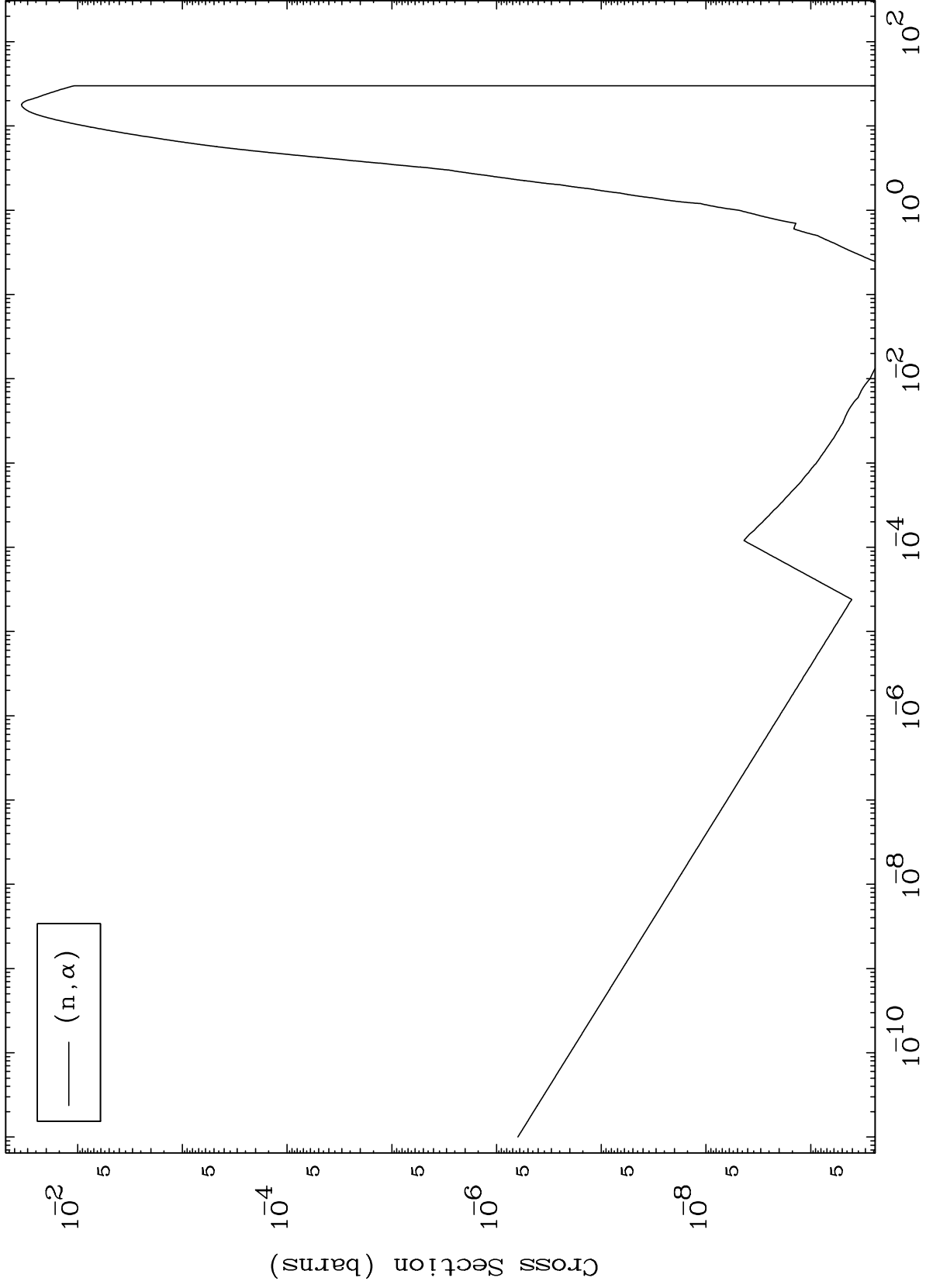
Incident Energy (MeV)

48-Cd-108

MAT 4831

(n, α) Levels
293 Kelvin Cross Sections

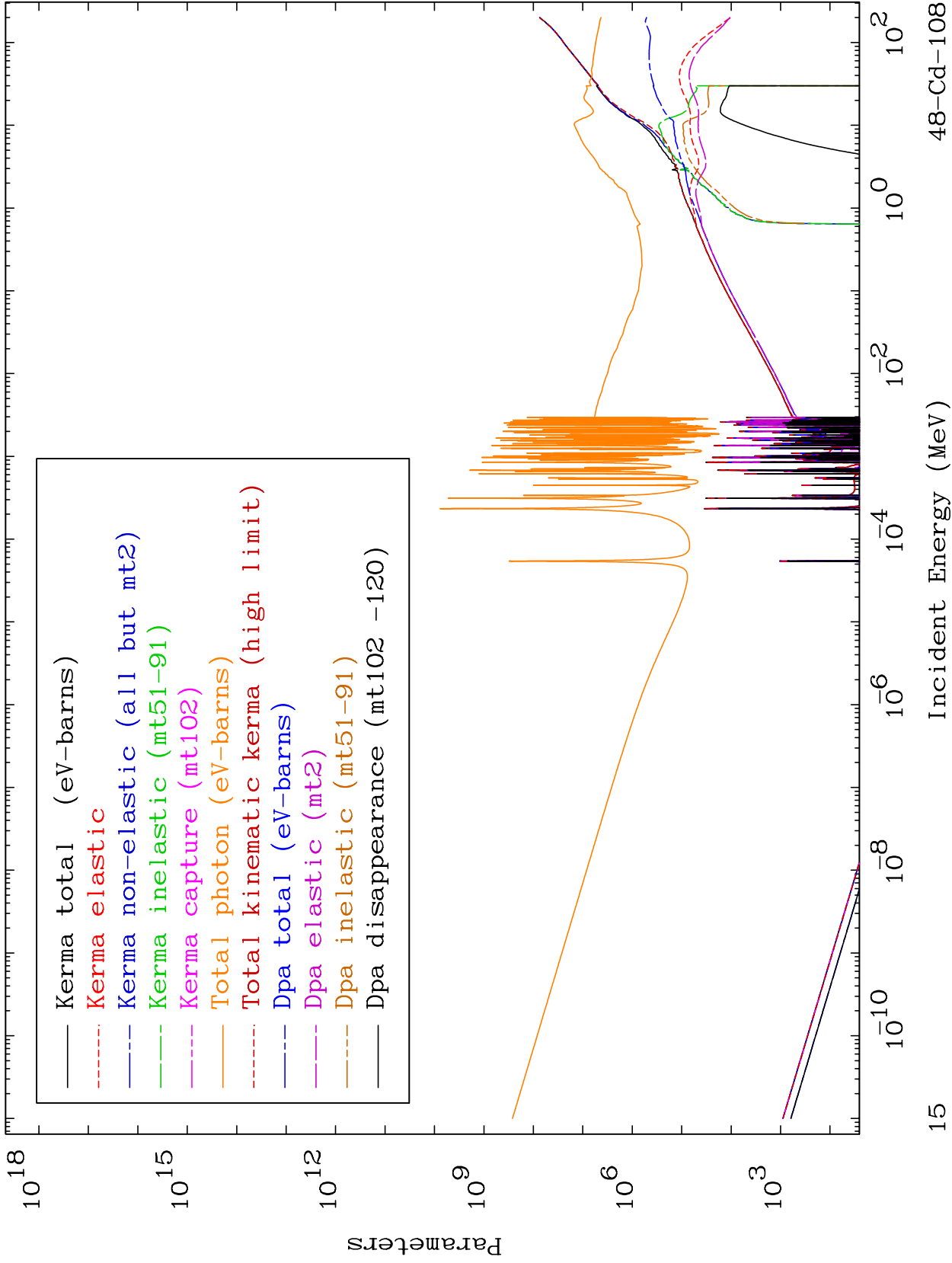
48-Cd-108



14

Incident Energy (MeV)

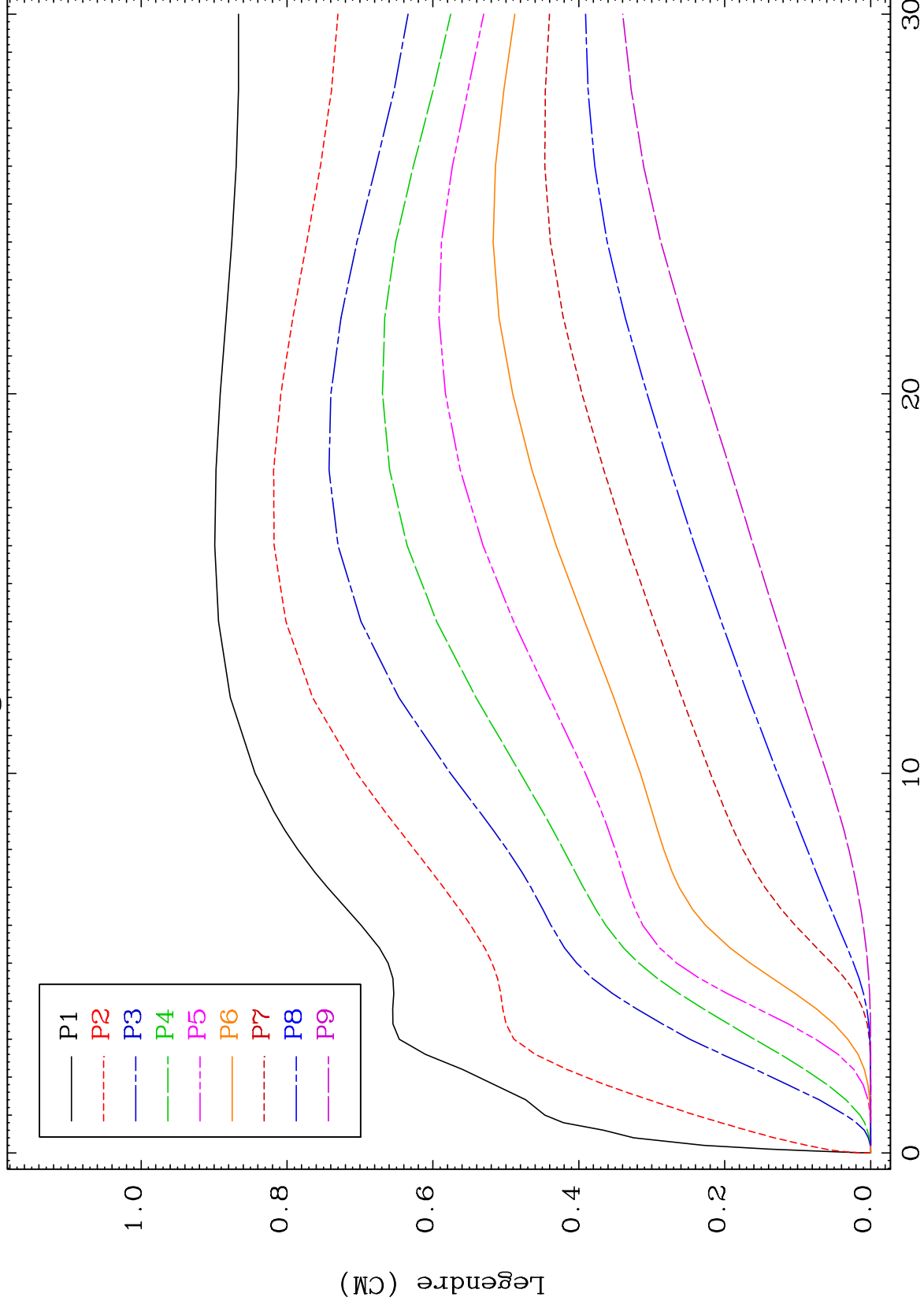
48-Cd-108



MAT 4831

Elastic Legendre Coefficients

48-Cd-108



16

Incident Energy (MeV)

48-Cd-108

30

20

10

0

1.0

0.8

0.6

0.4

0.2

0.0

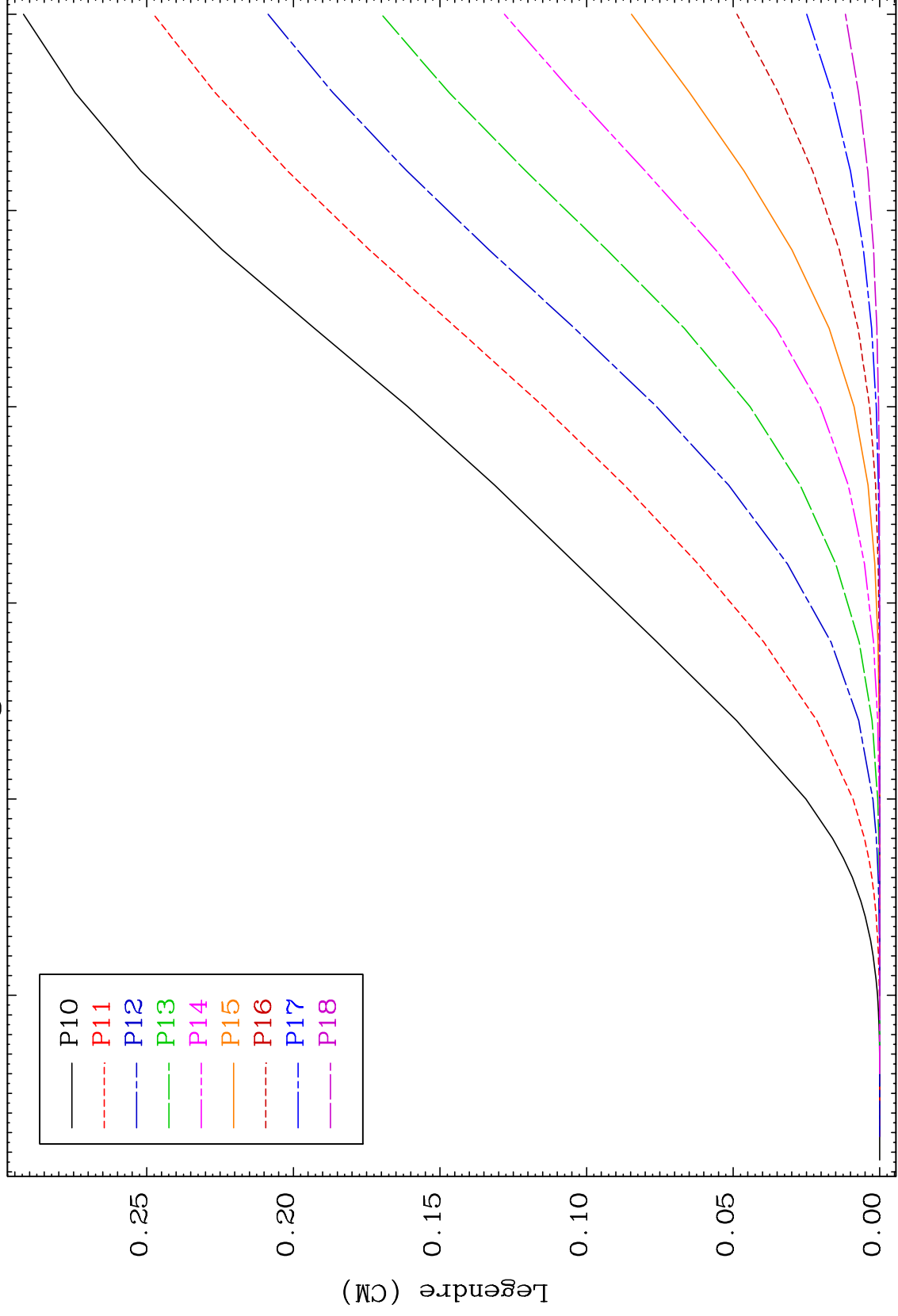
Legendre (CM)

- P1
- P2
- P3
- P4
- P5
- P6
- P7
- P8
- P9

MAT 4831

Elastic Legendre Coefficients

48-Cd-108



17

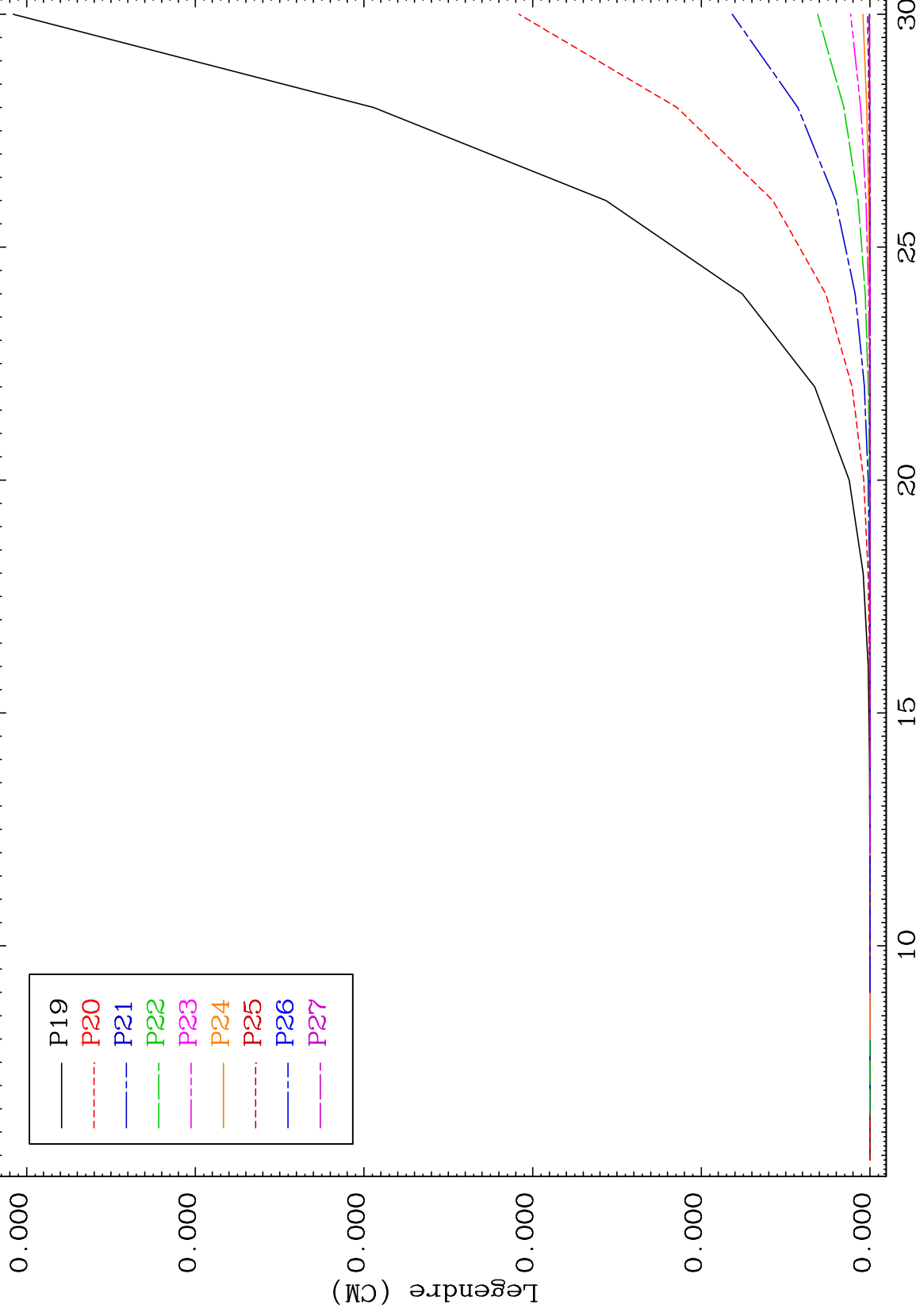
Incident Energy (MeV)

48-Cd-108

MAT 4831

Elastic
Legendre Coefficients

48-Cd-108



18

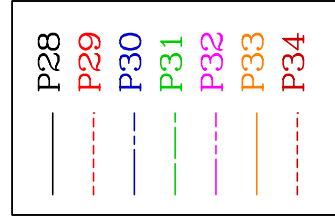
Incident Energy (MeV)

48-Cd-108

MAT 4831

Elastic Legendre Coefficients

48-Cd-108



$\times 10^{-72}$

Legendre (CM)

1

0

-1

15

20

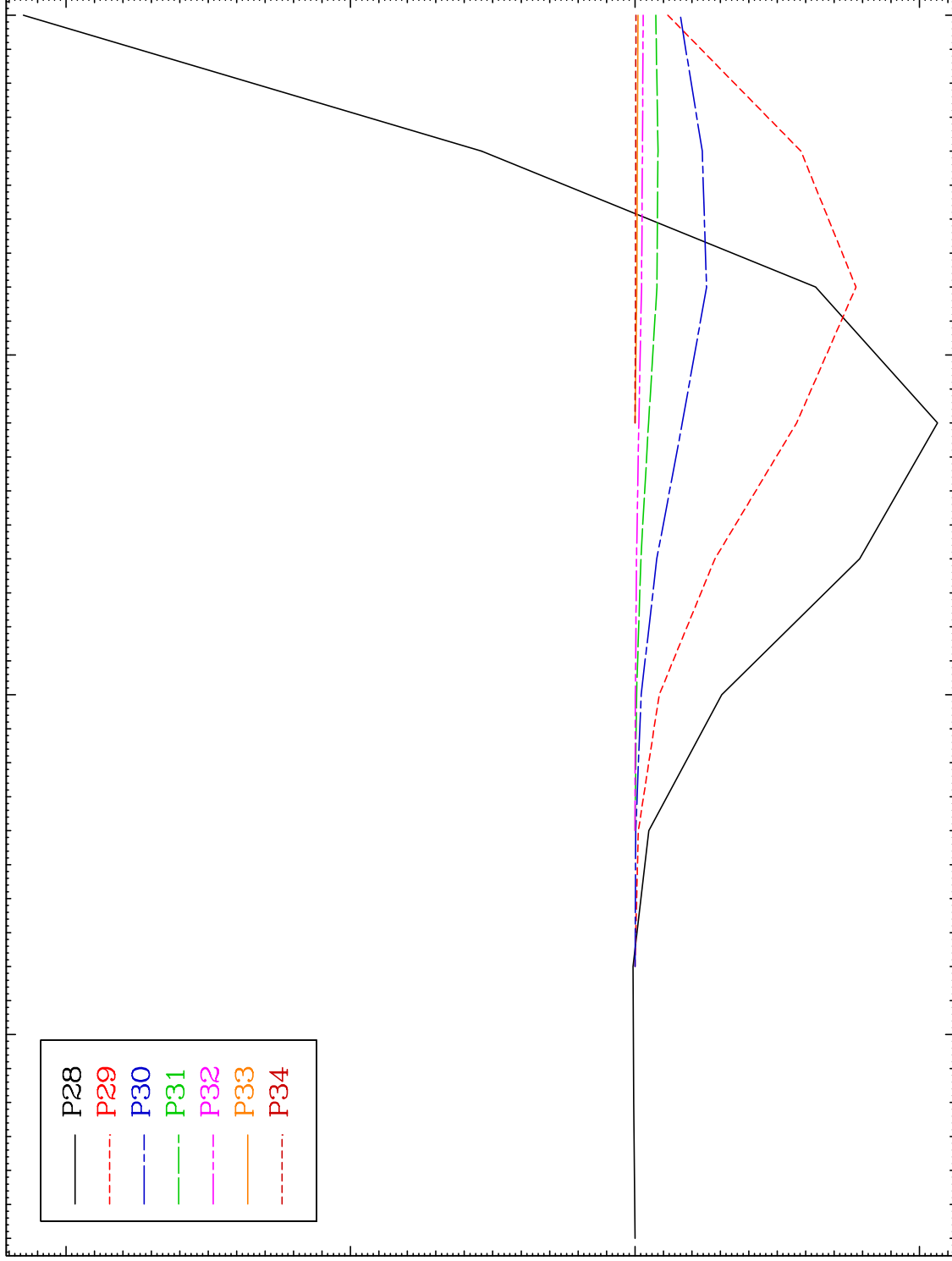
25

30

19

Incident Energy (MeV)

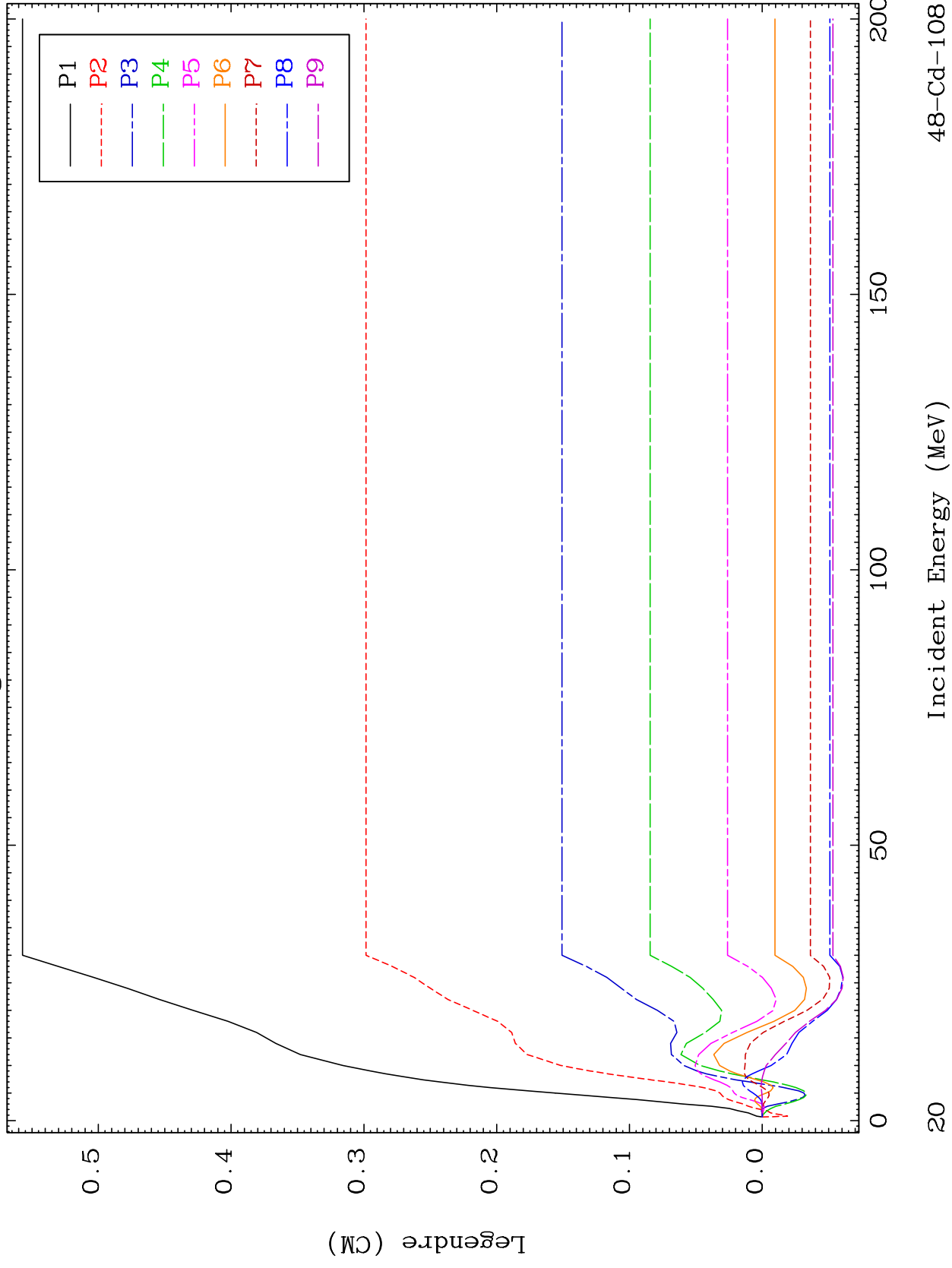
48-Cd-108



MAT 4831

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

48-Cd-108



48-Cd-108

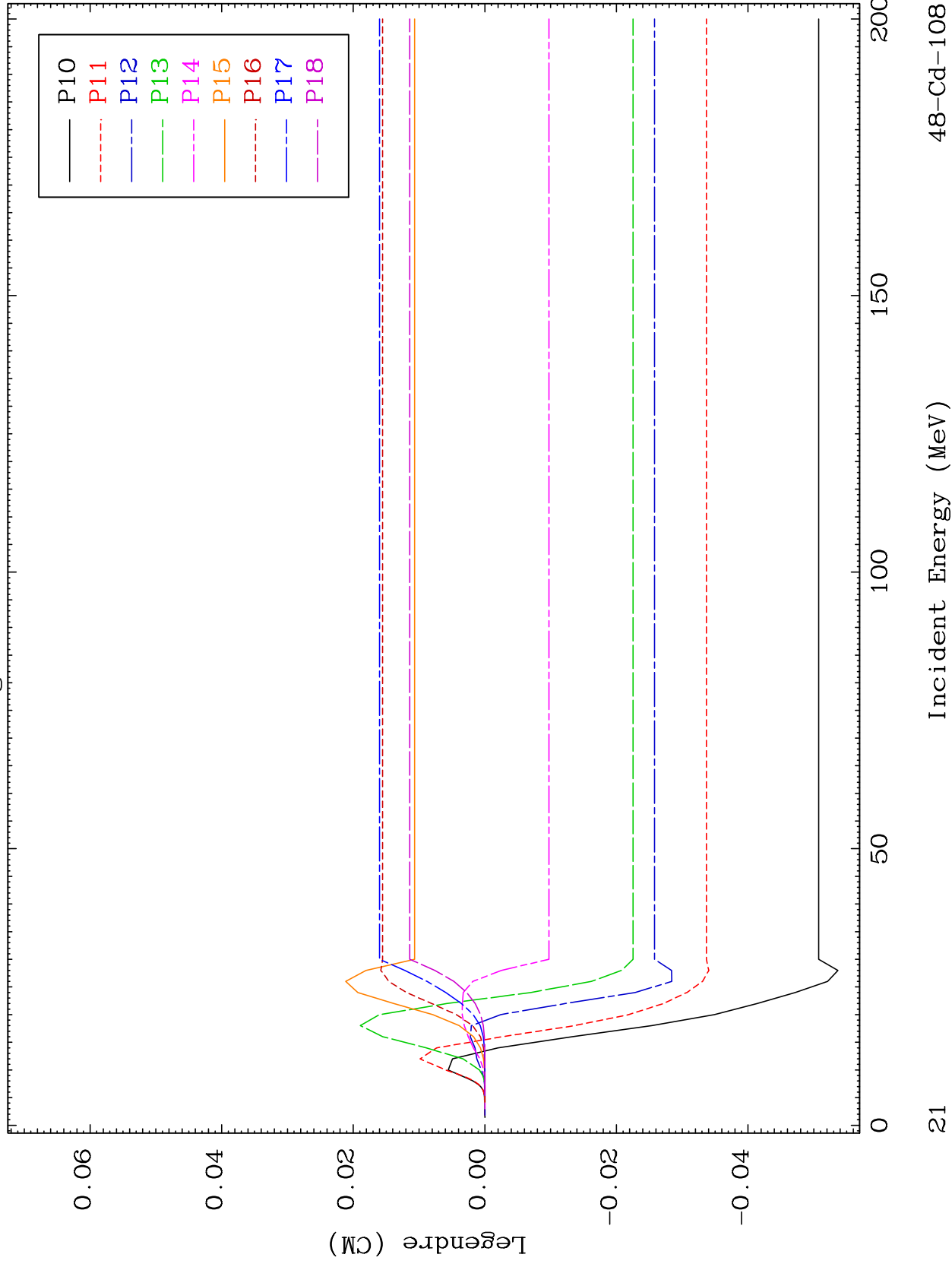
Incident Energy (MeV)

20

MAT 4831

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

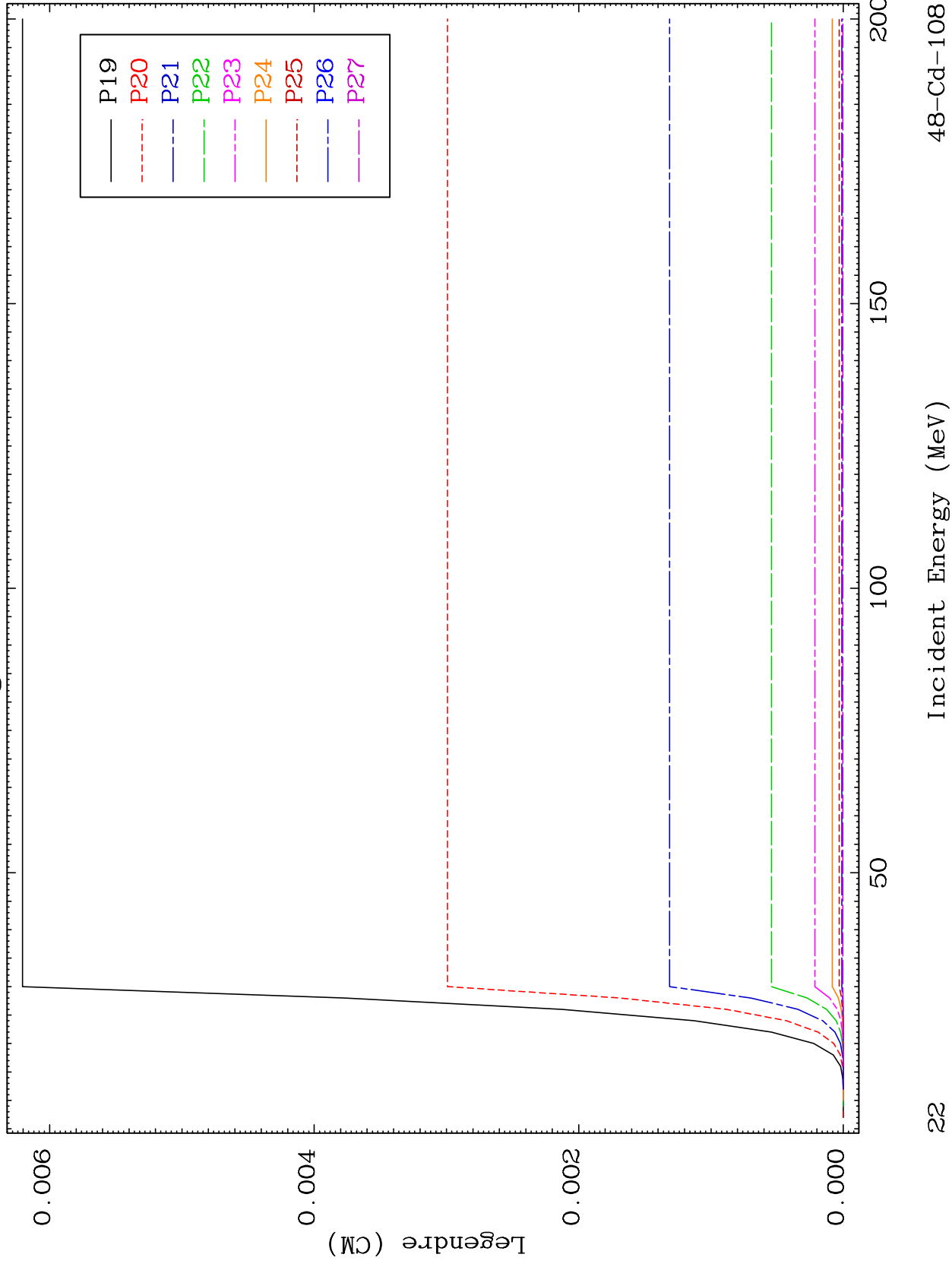
48-Cd-108



MAT 4831

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

48-Cd-108



22

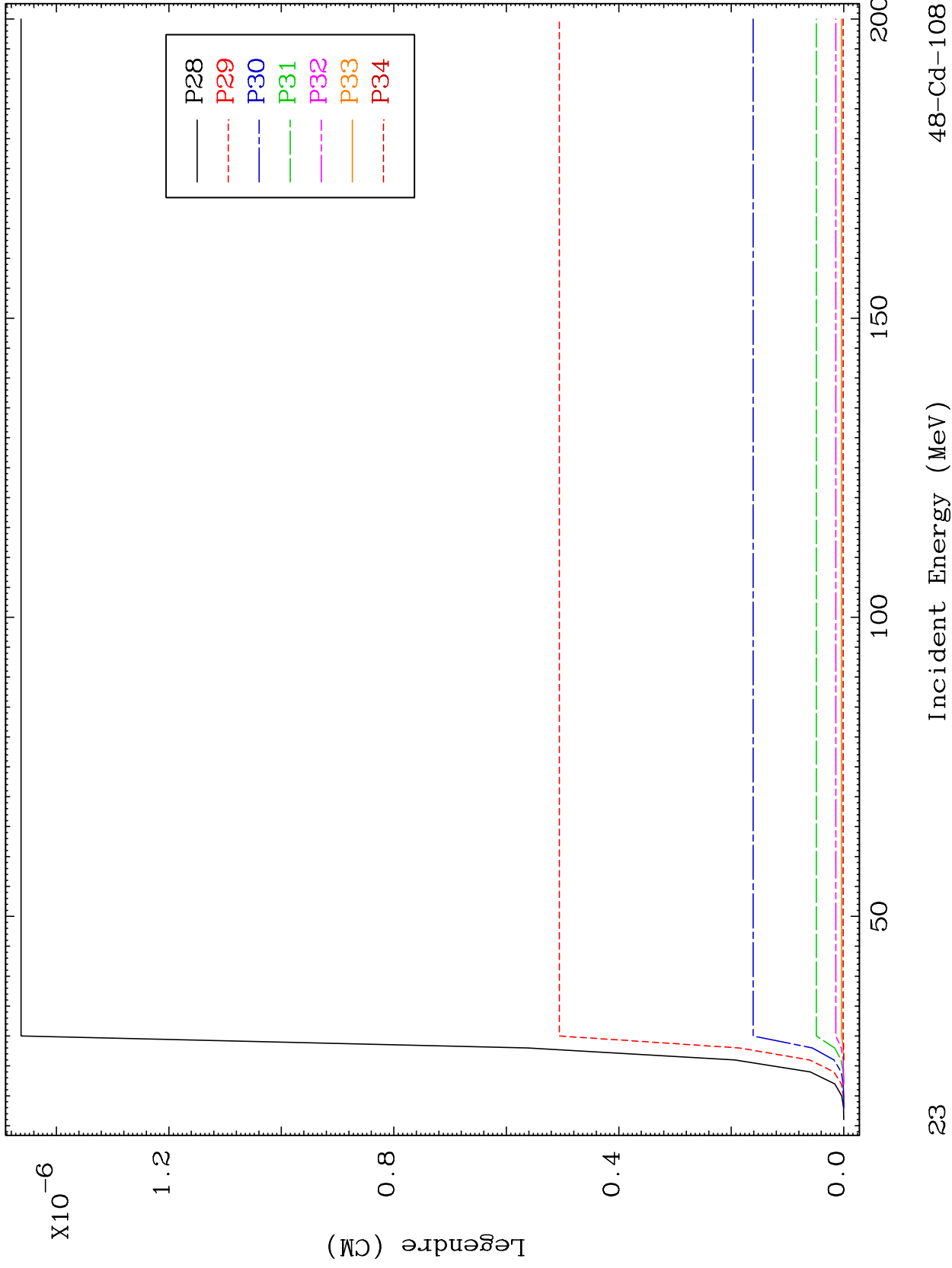
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108

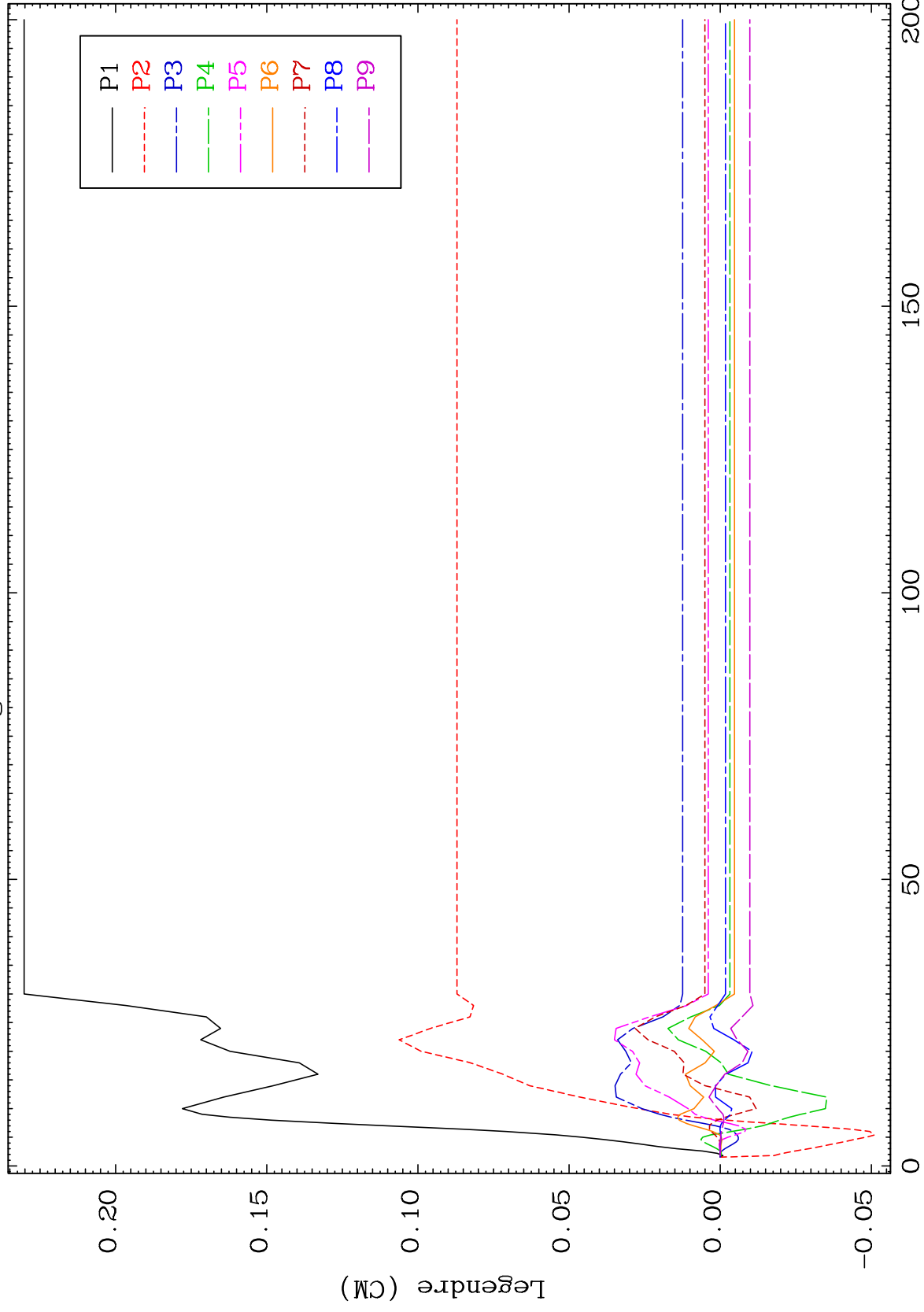


23

MAT 4831

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

48-Cd-108



24

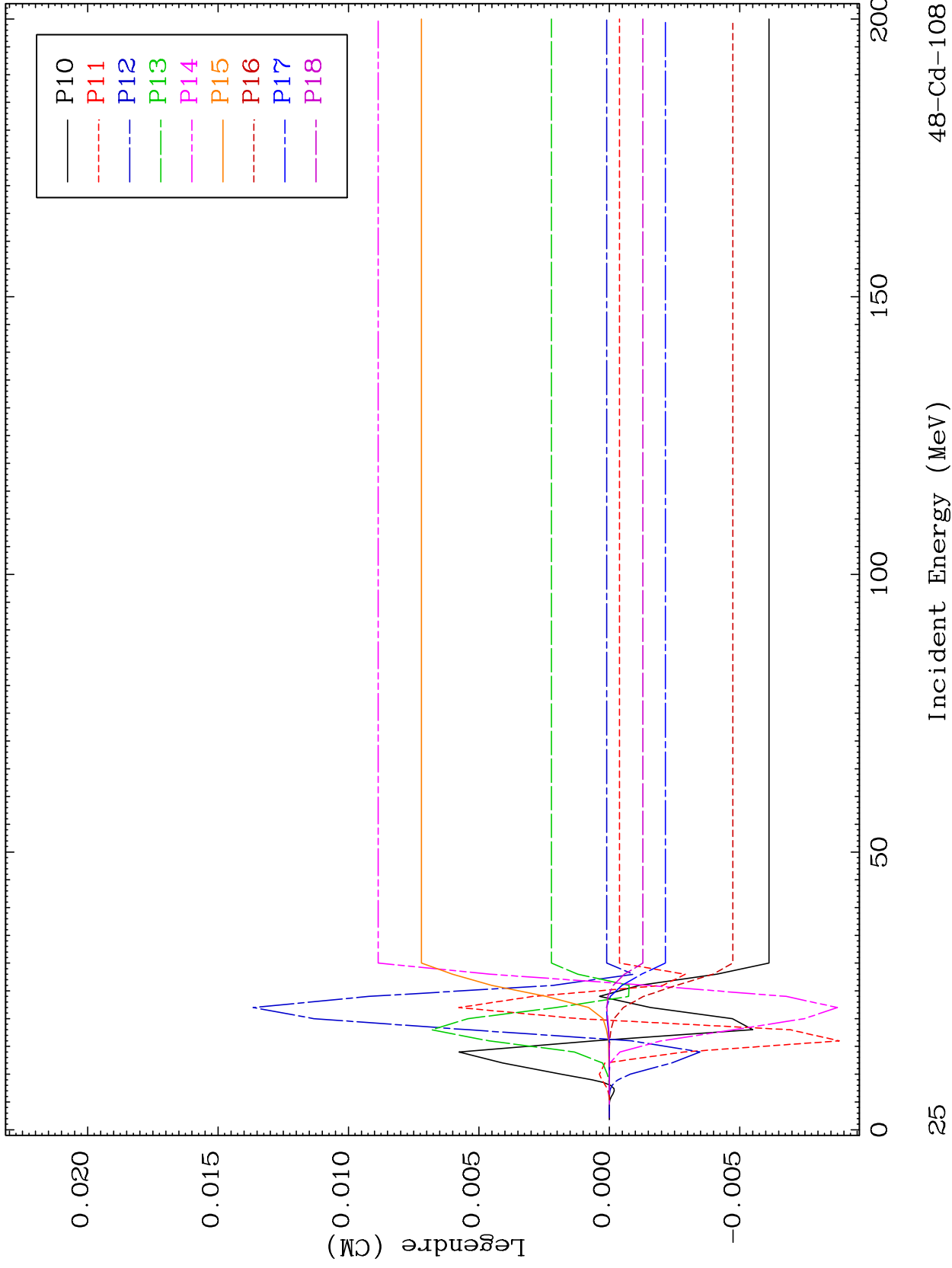
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

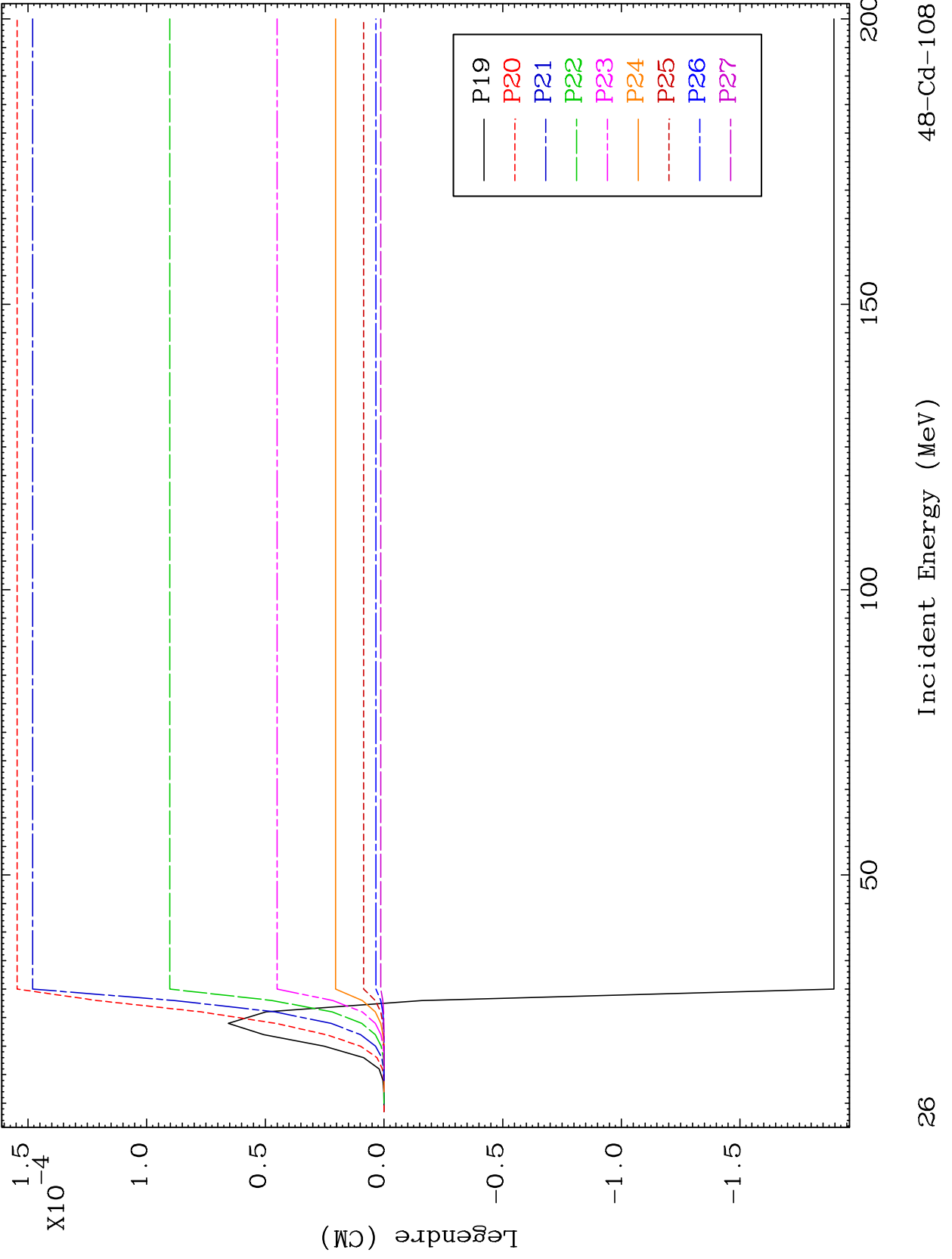
48-Cd-108



48-Cd-108

Incident Energy (MeV)

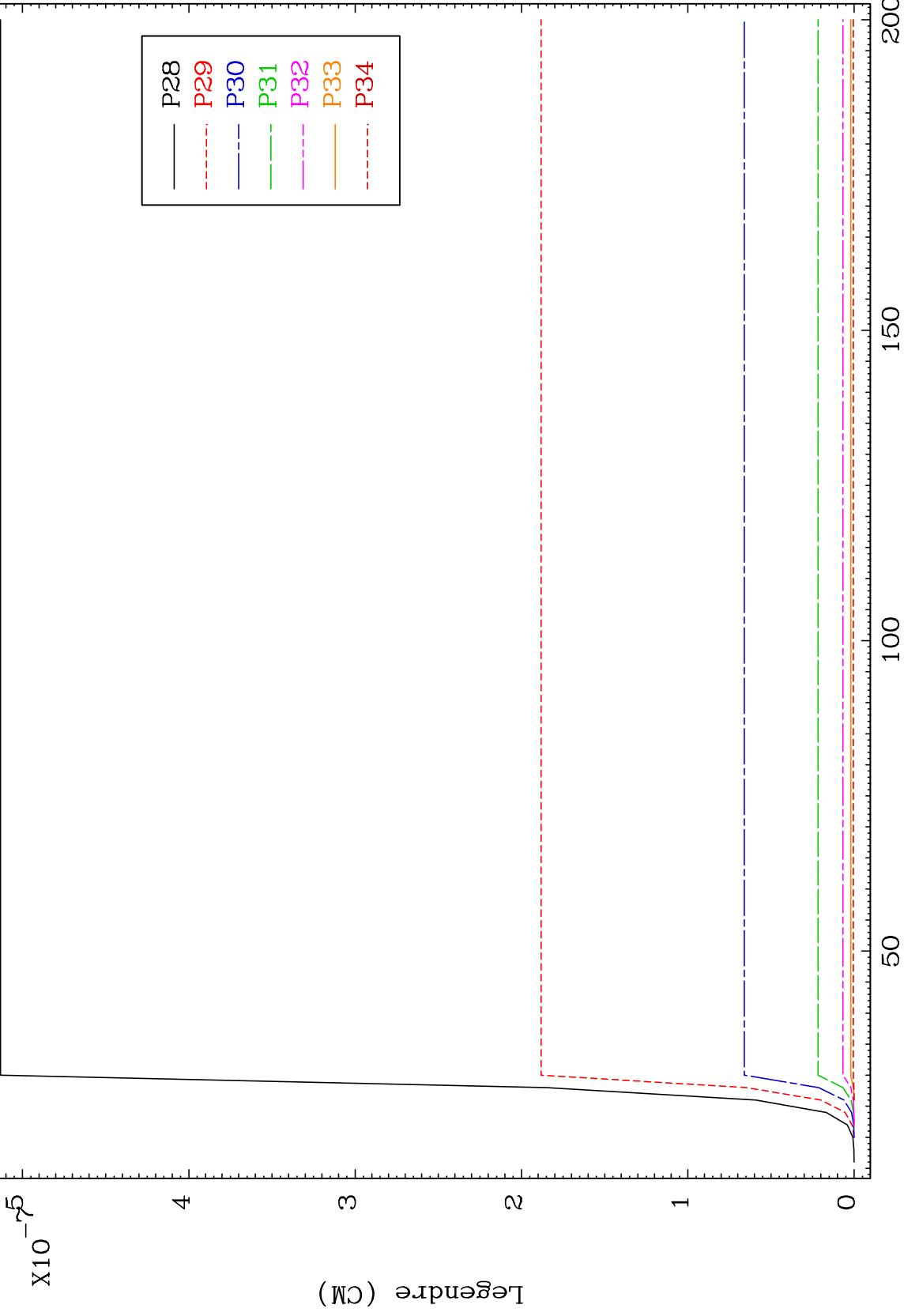
25



MAT 4831

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

48-Cd-108



27

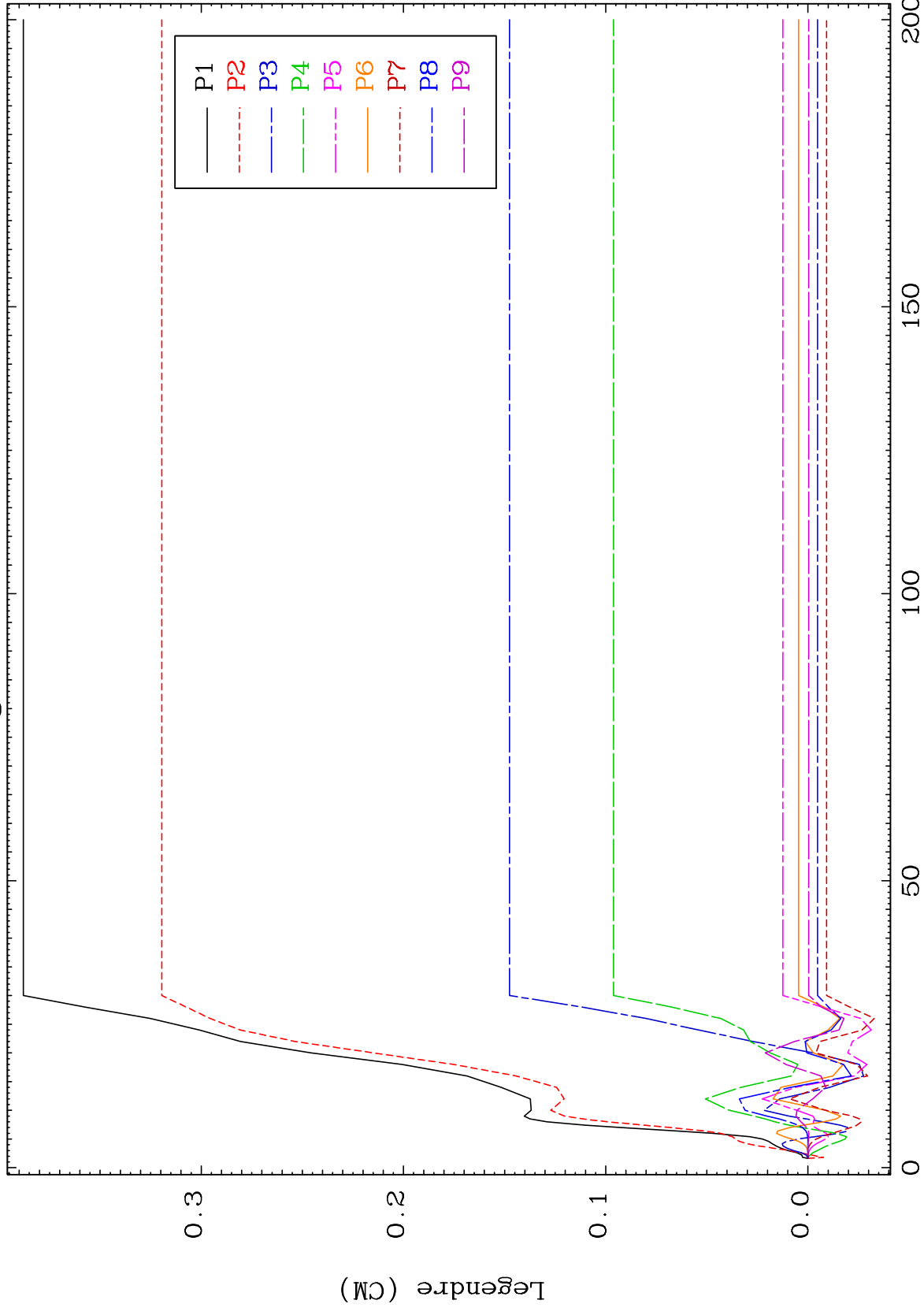
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



28

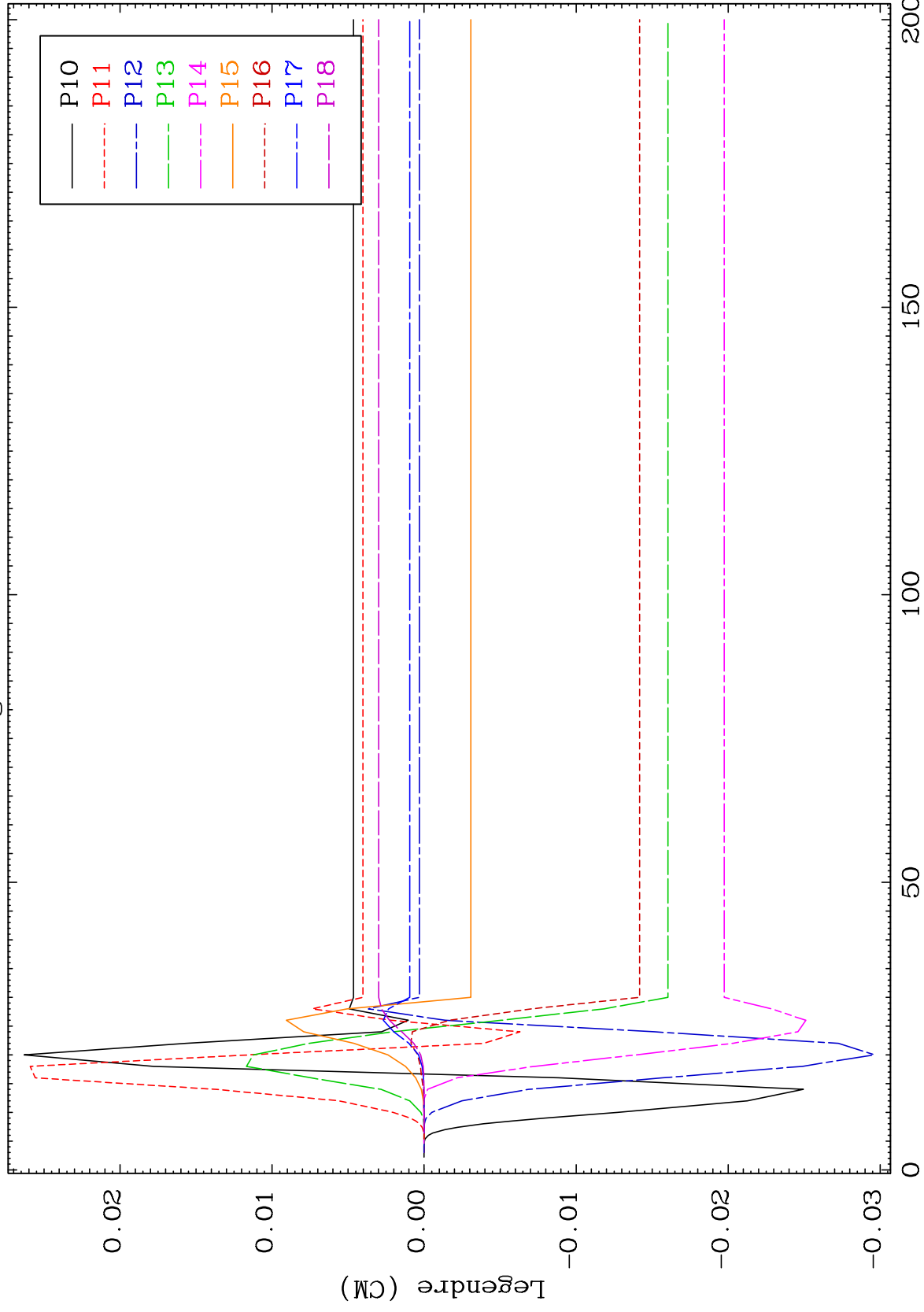
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



29

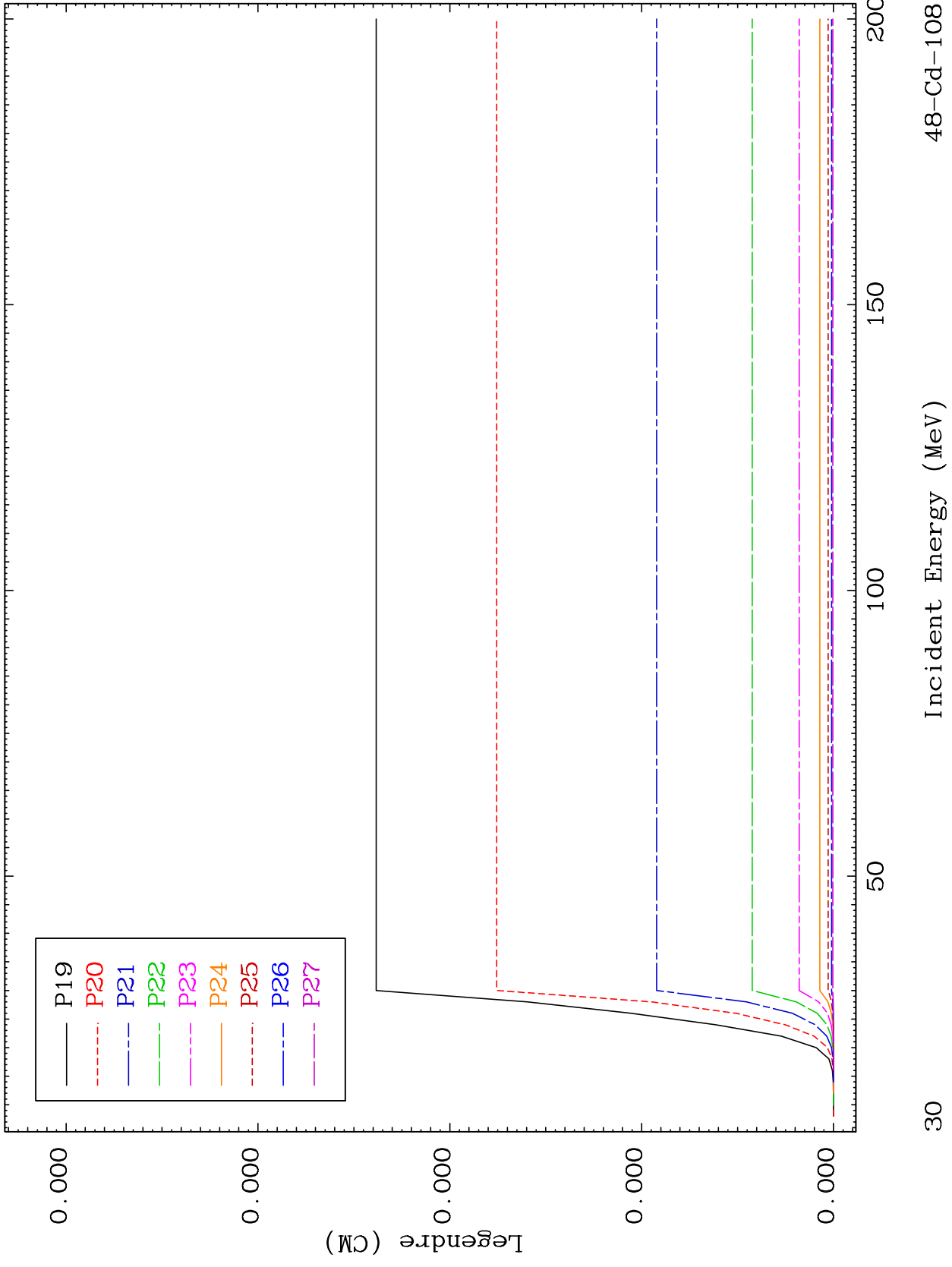
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

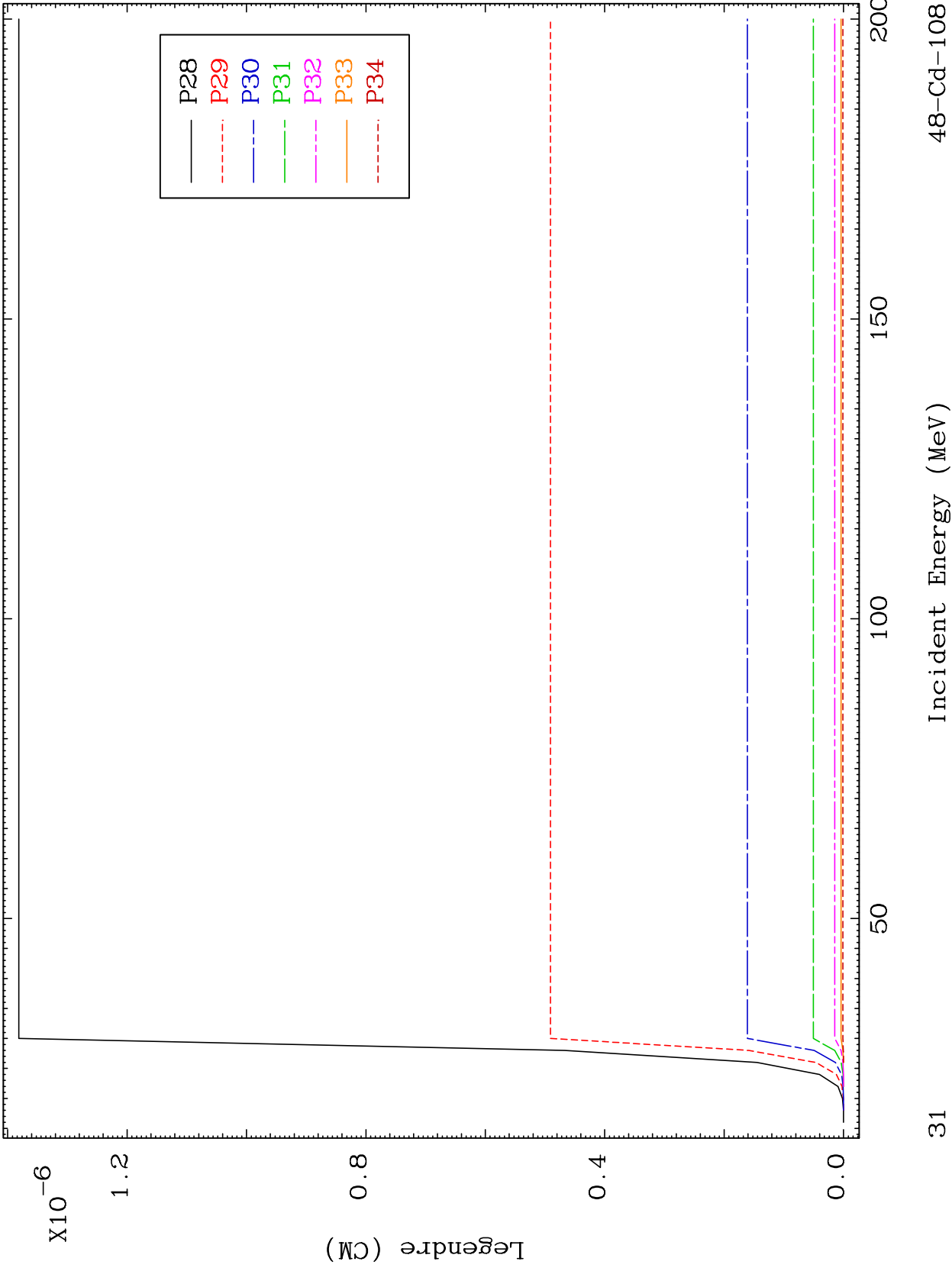
48-Cd-108



MAT 4831

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

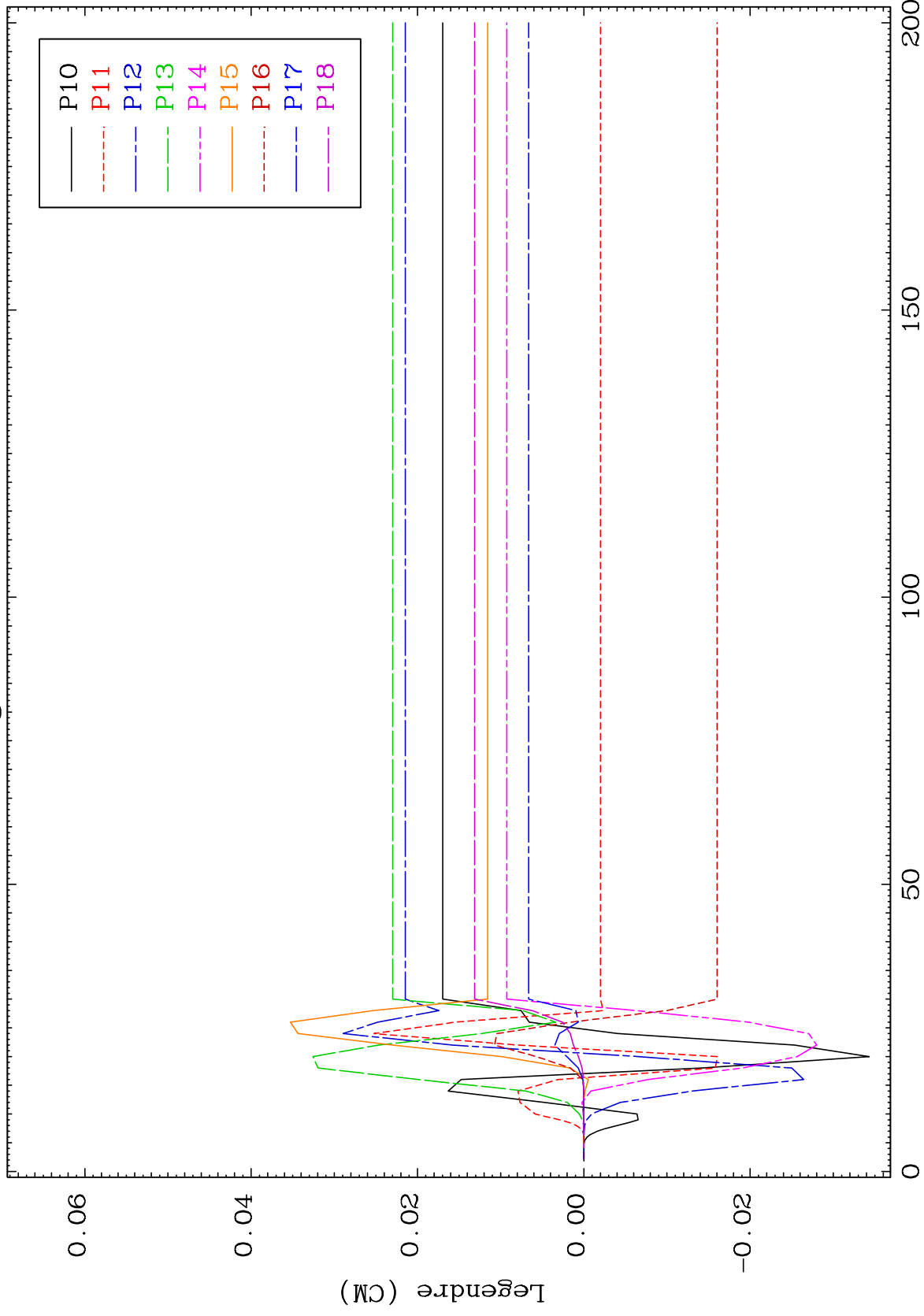
48-Cd-108



MAT 4831

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

48-Cd-108



33

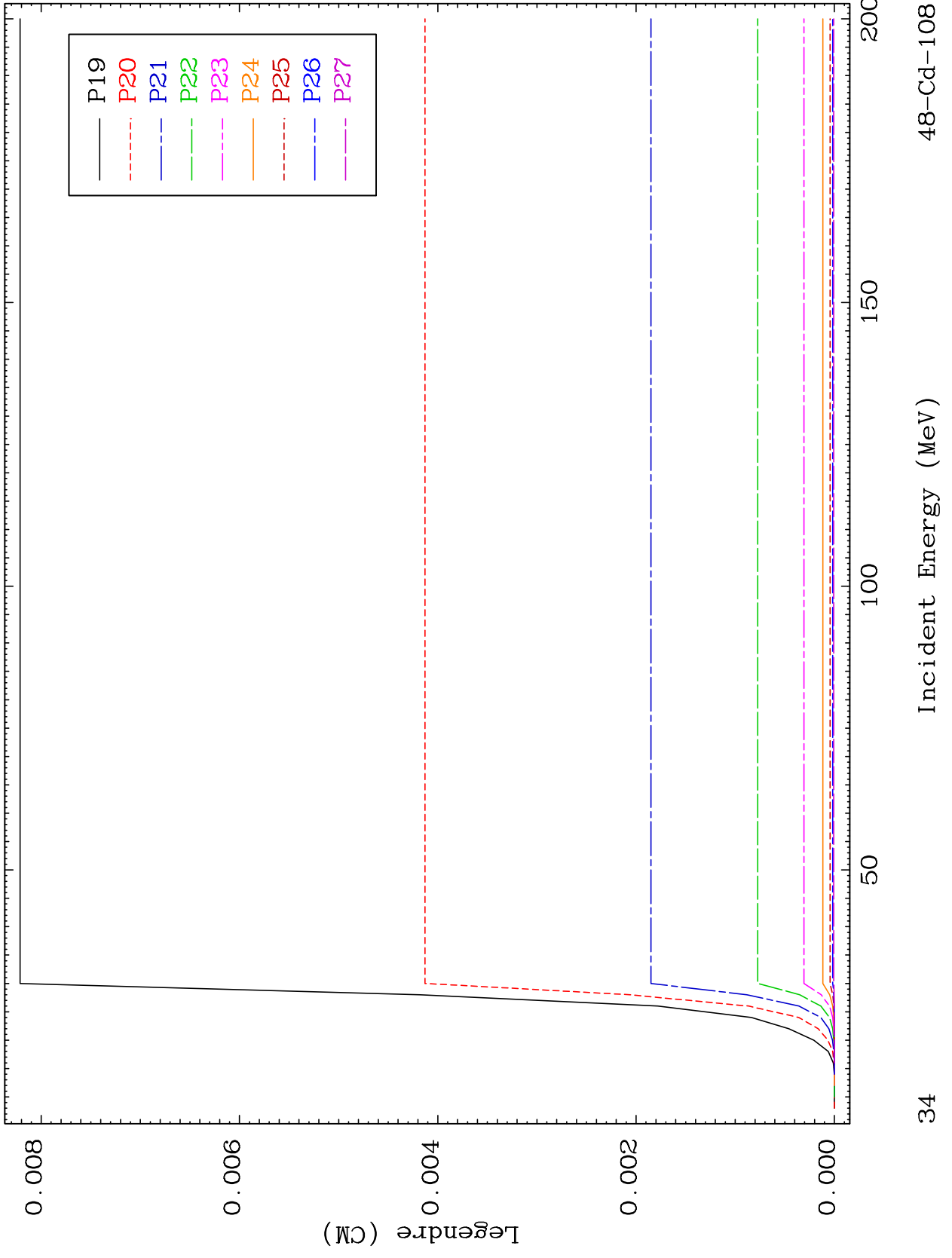
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



34

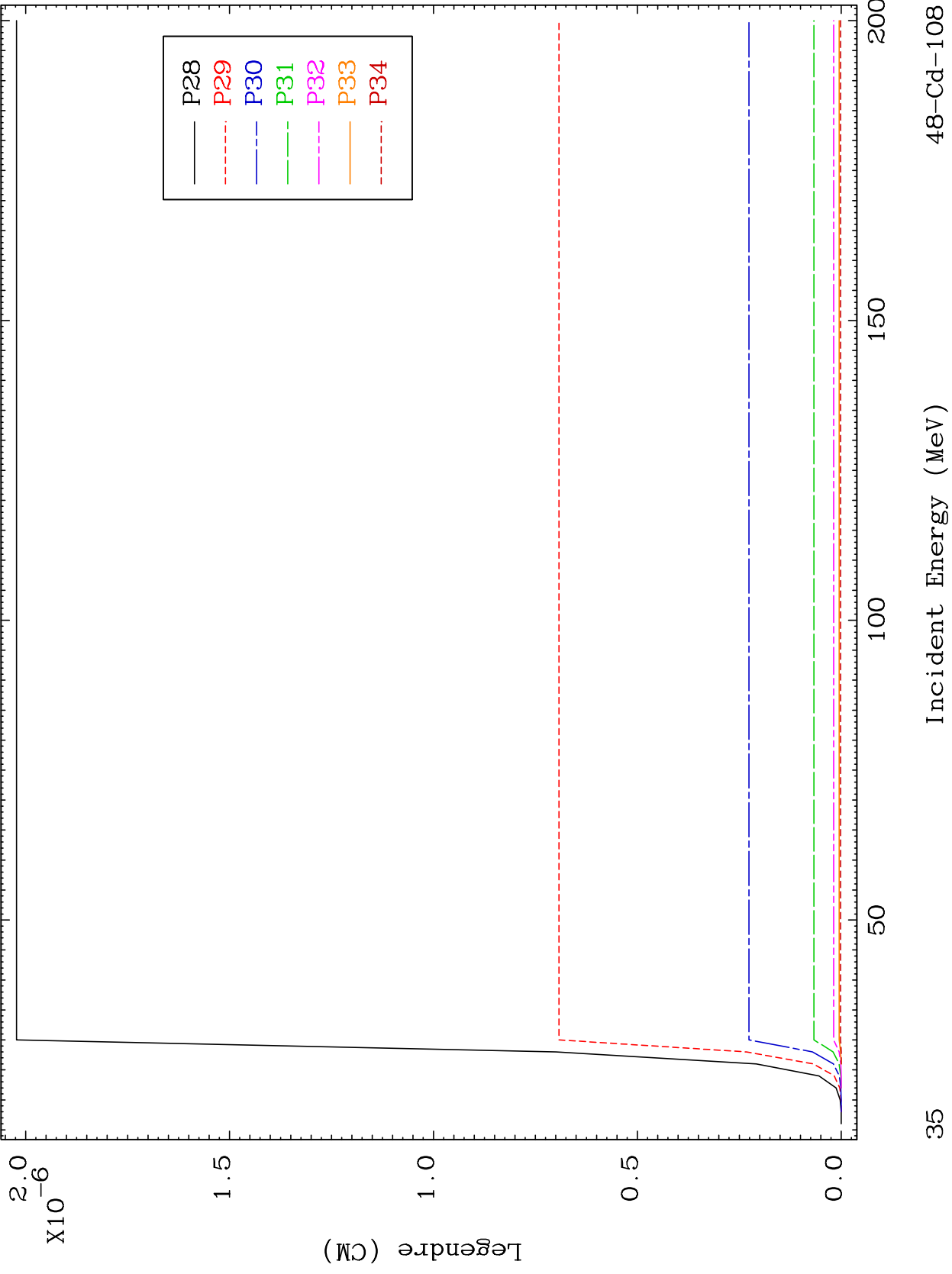
Incident Energy (MeV)

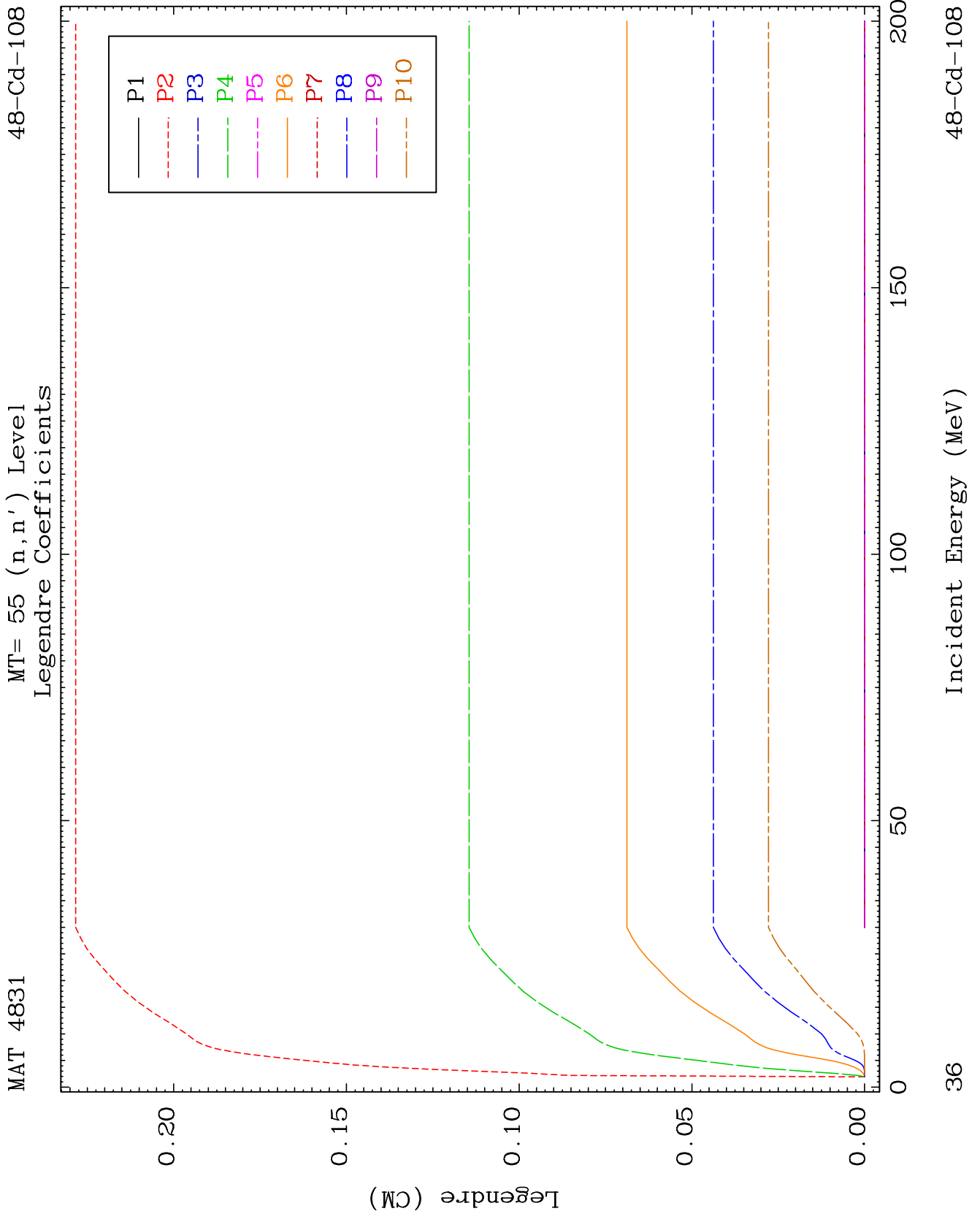
48-Cd-108

MAT 4831

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

48-Cd-108





48-Cd-108

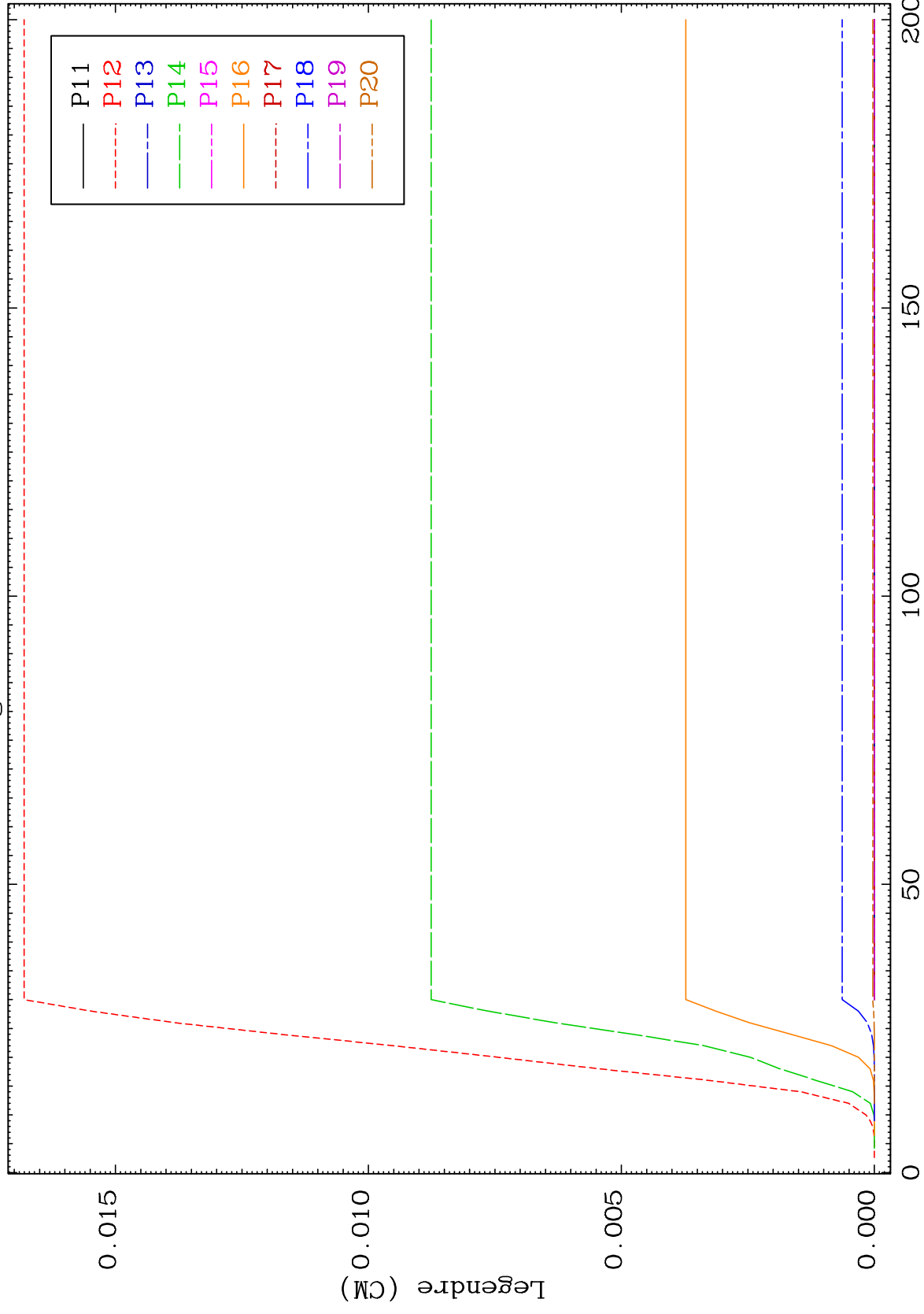
Incident Energy (MeV)

36

MAT 4831

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

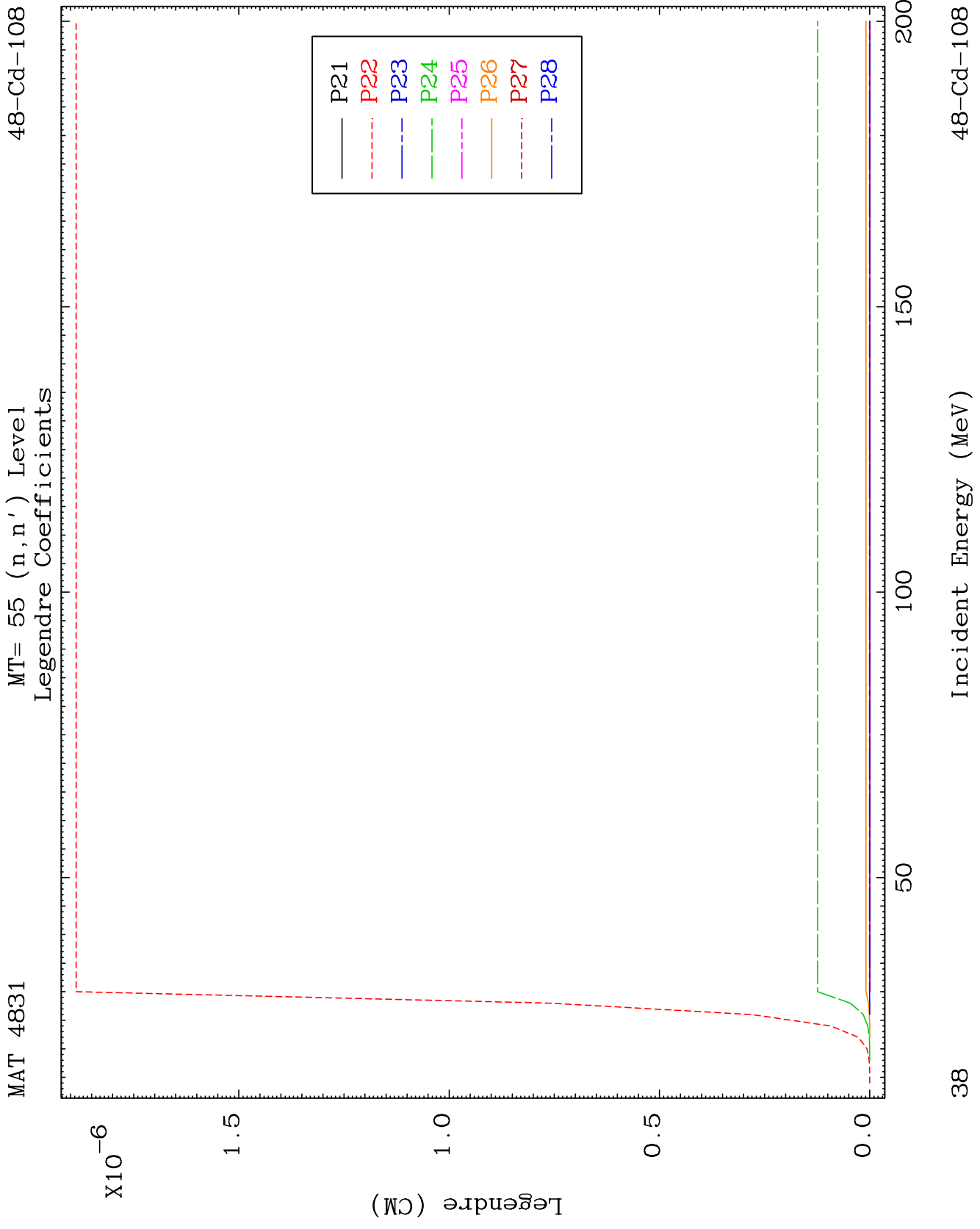
48-Cd-108

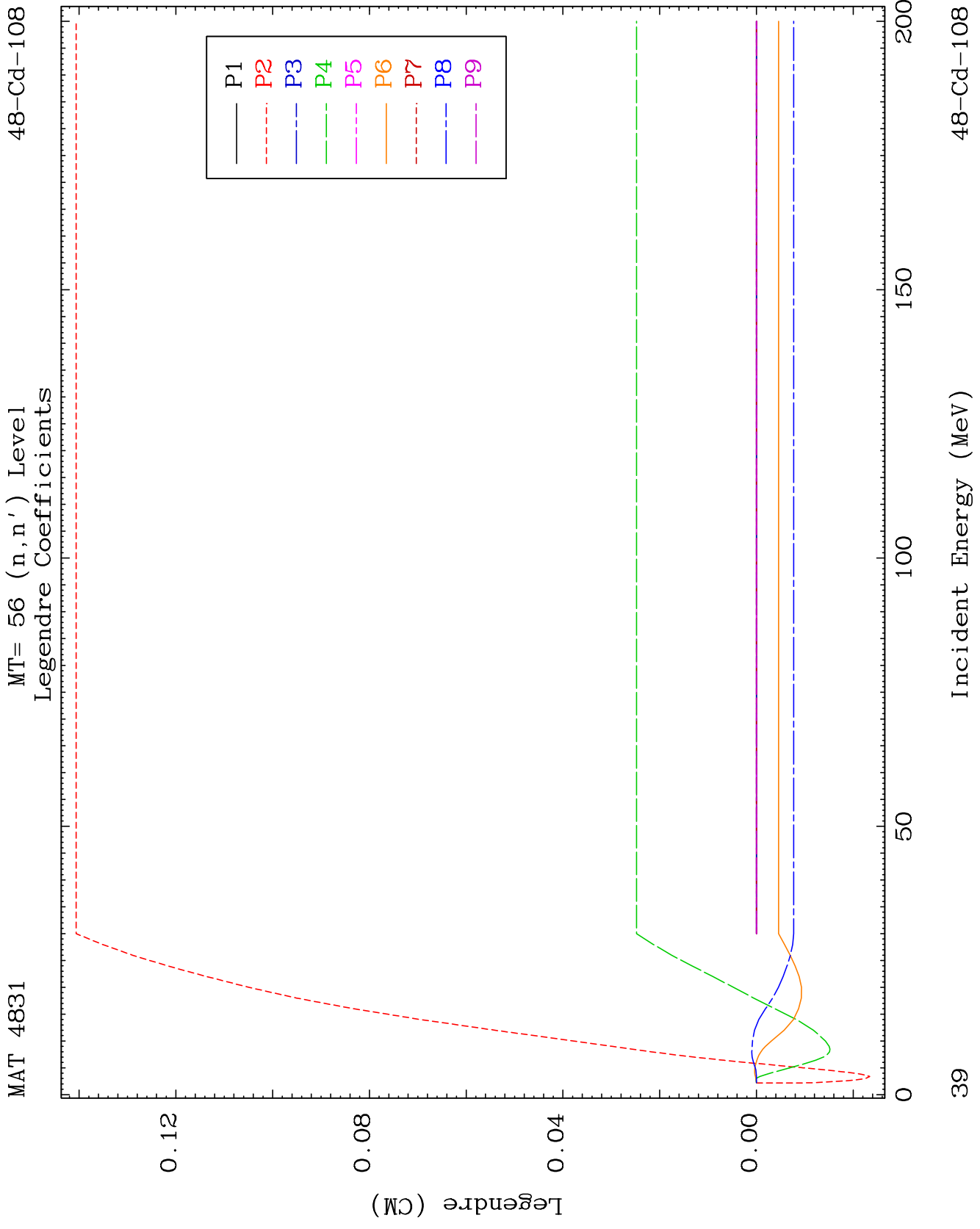


37

Incident Energy (MeV)

48-Cd-108

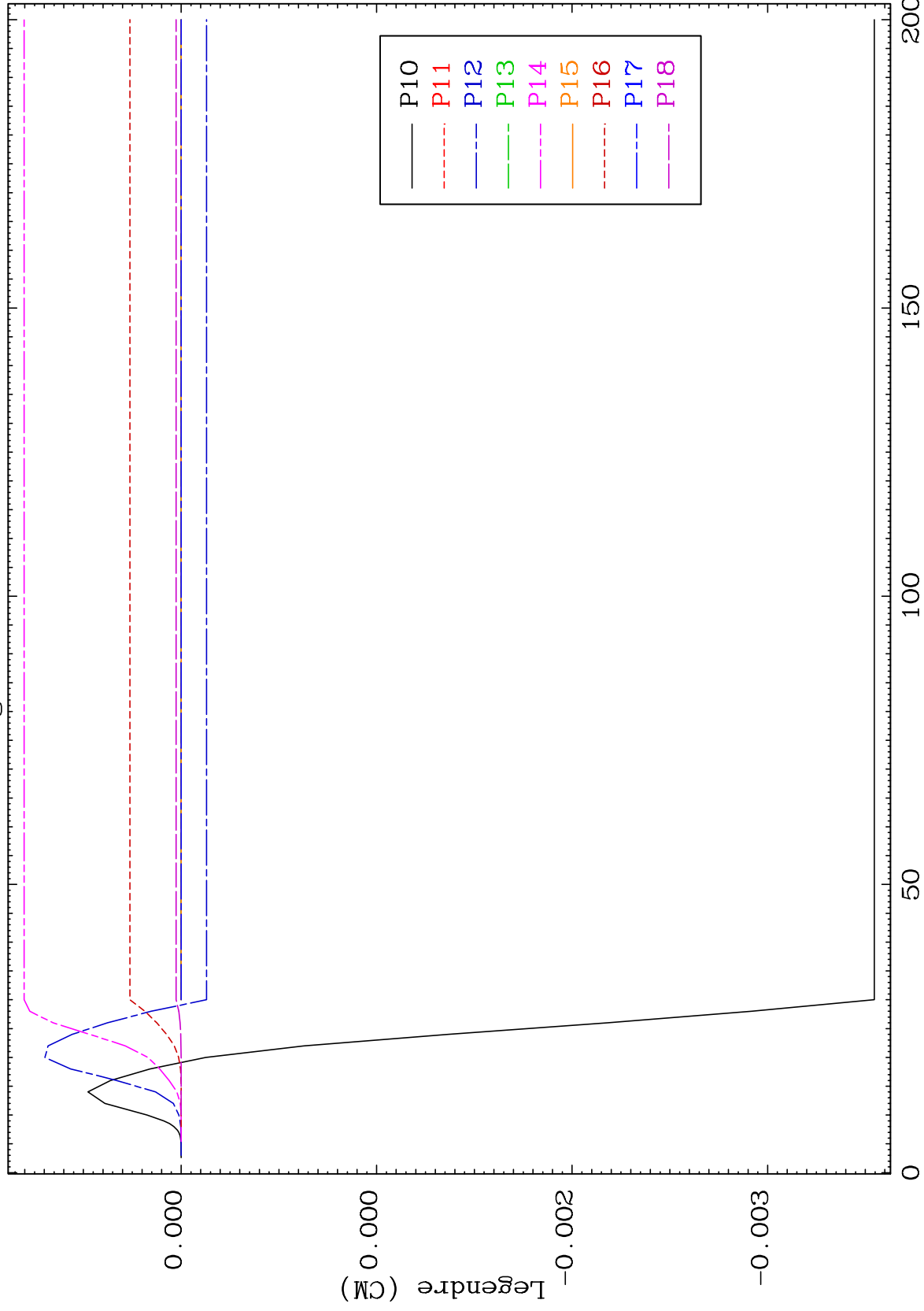




MAT 4831

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

48-Cd-108



40

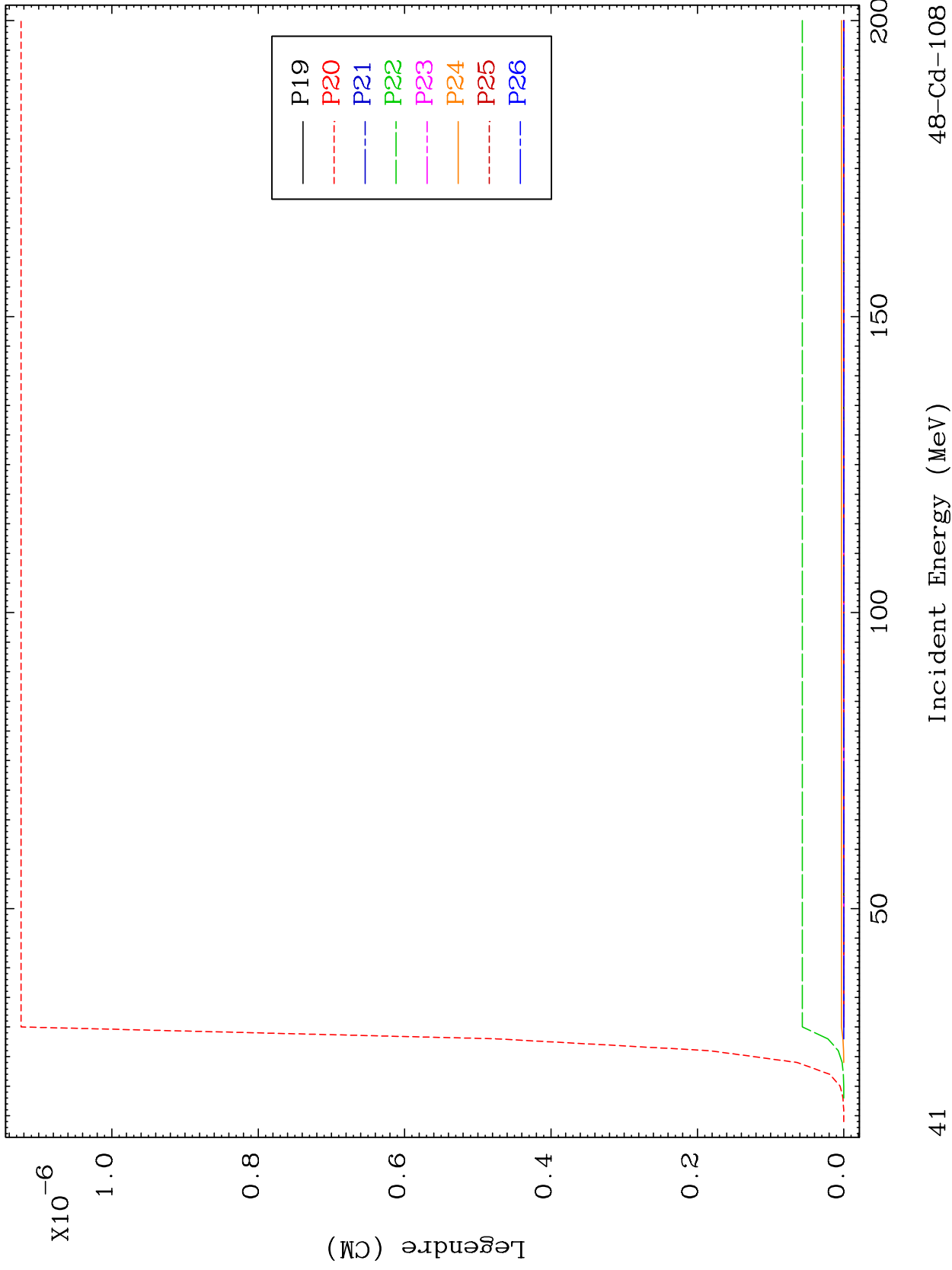
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

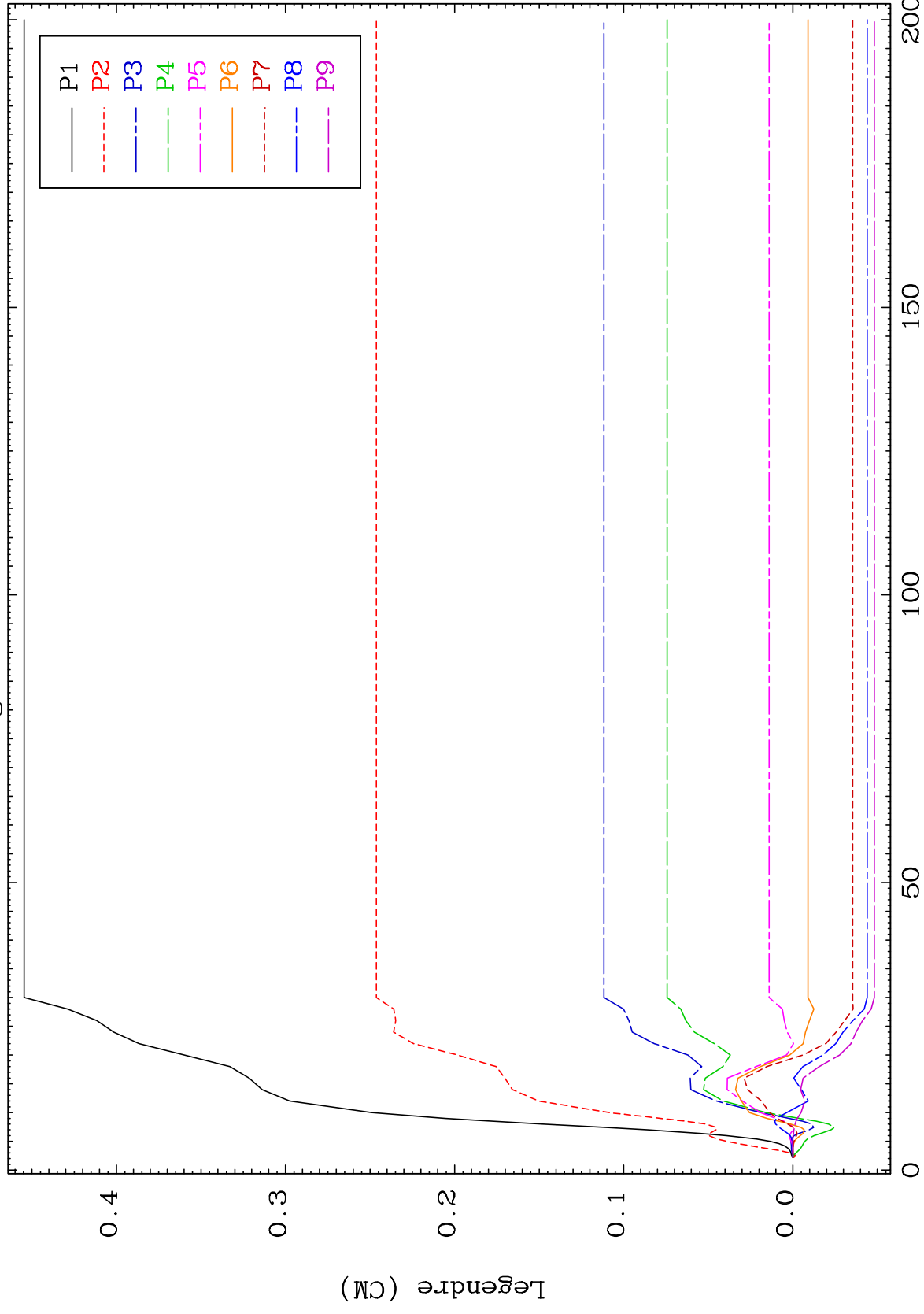
48-Cd-108



MAT 4831

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

48-Cd-108



48-Cd-108

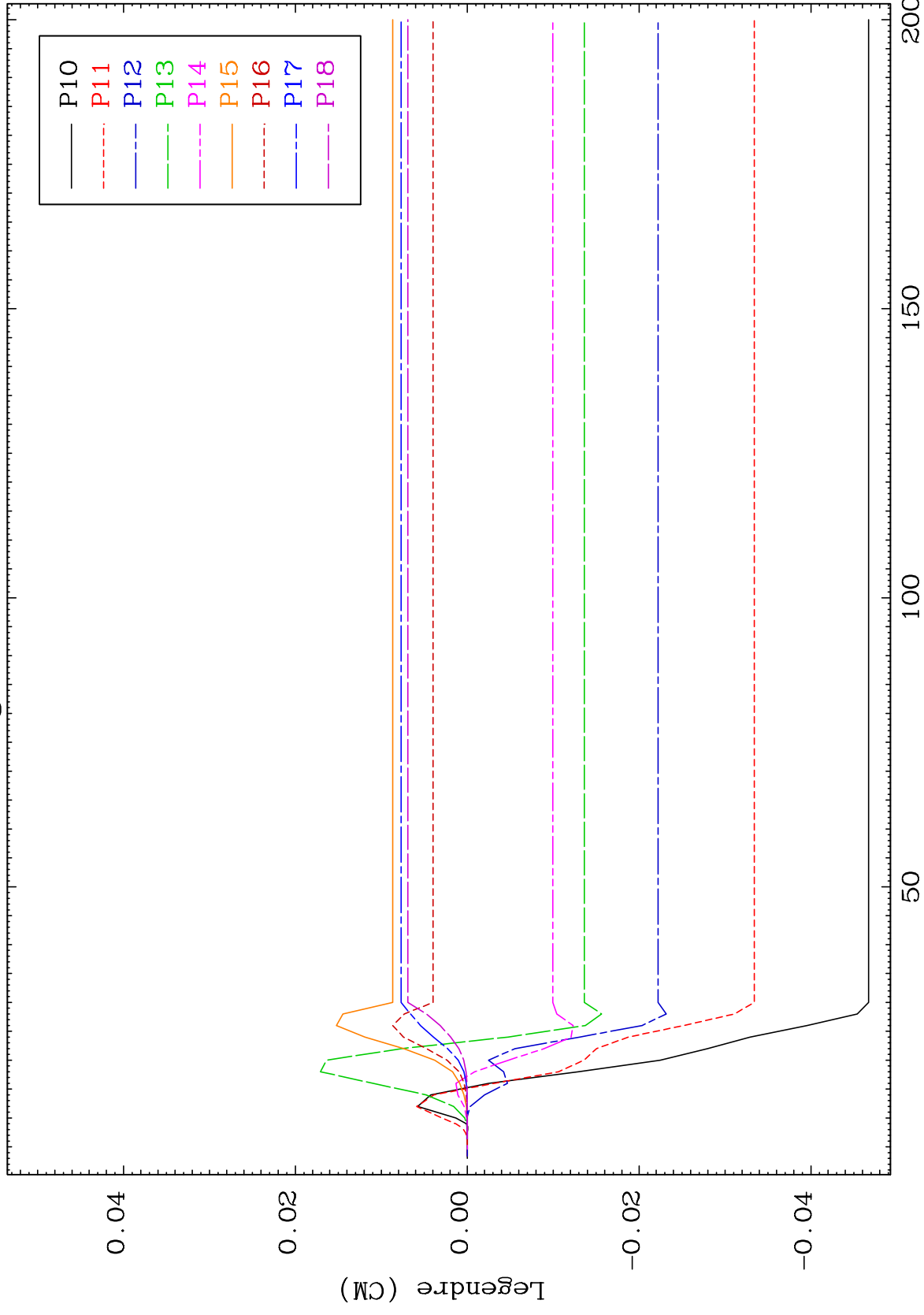
Incident Energy (MeV)

42

MAT 4831

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

48-Cd-108



43

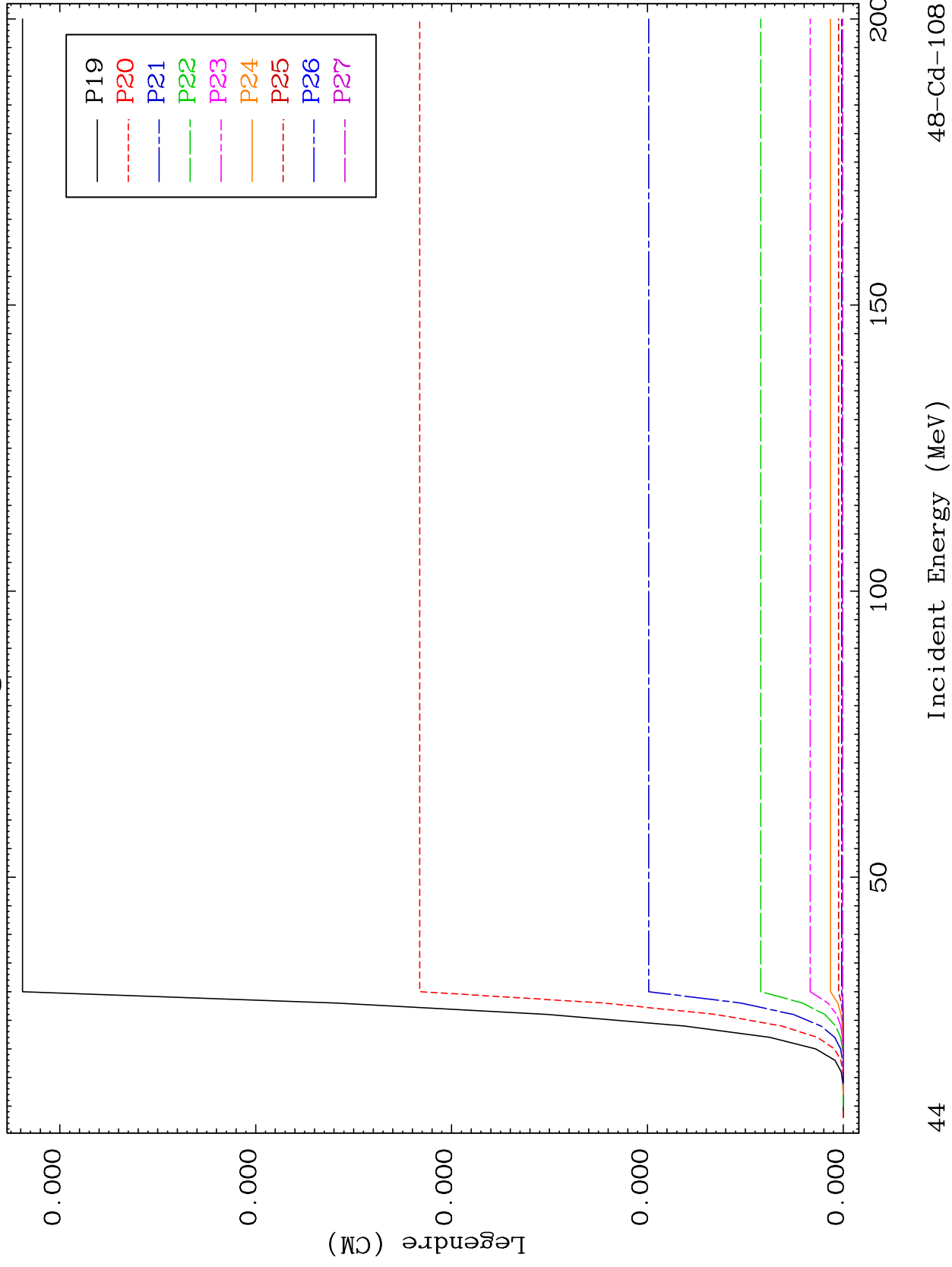
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



44

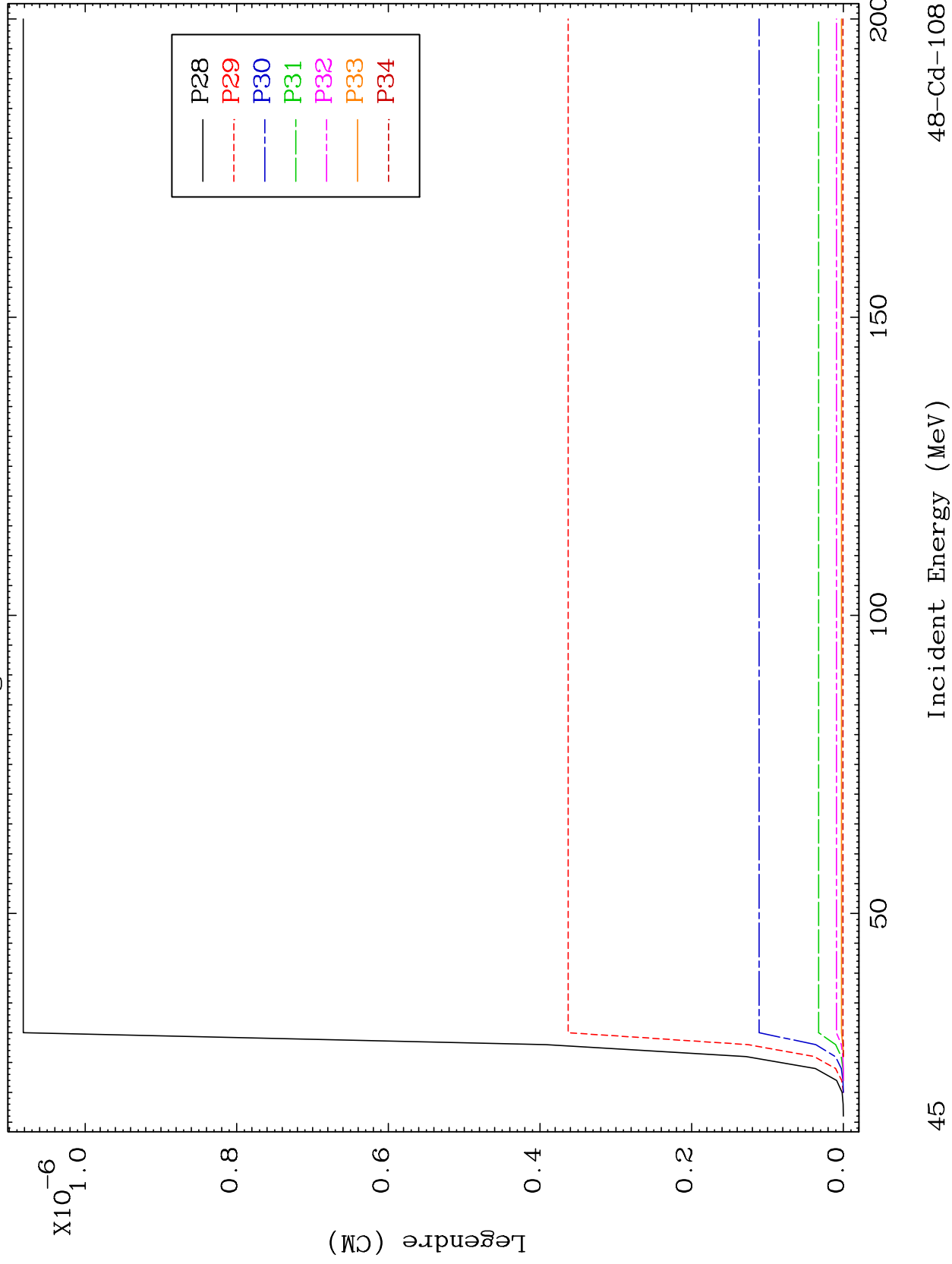
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

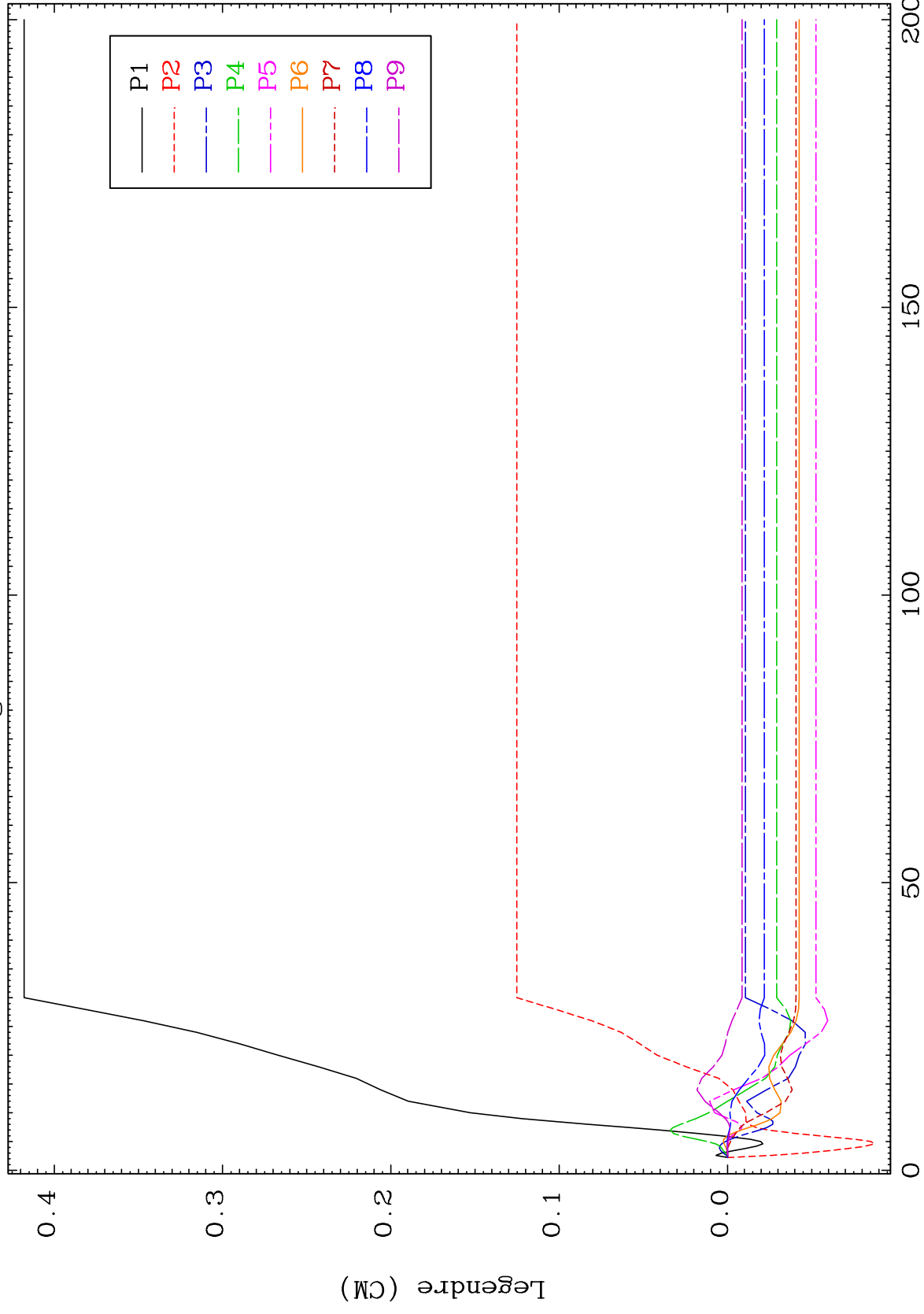
48-Cd-108



MAT 4831

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

48-Cd-108



46

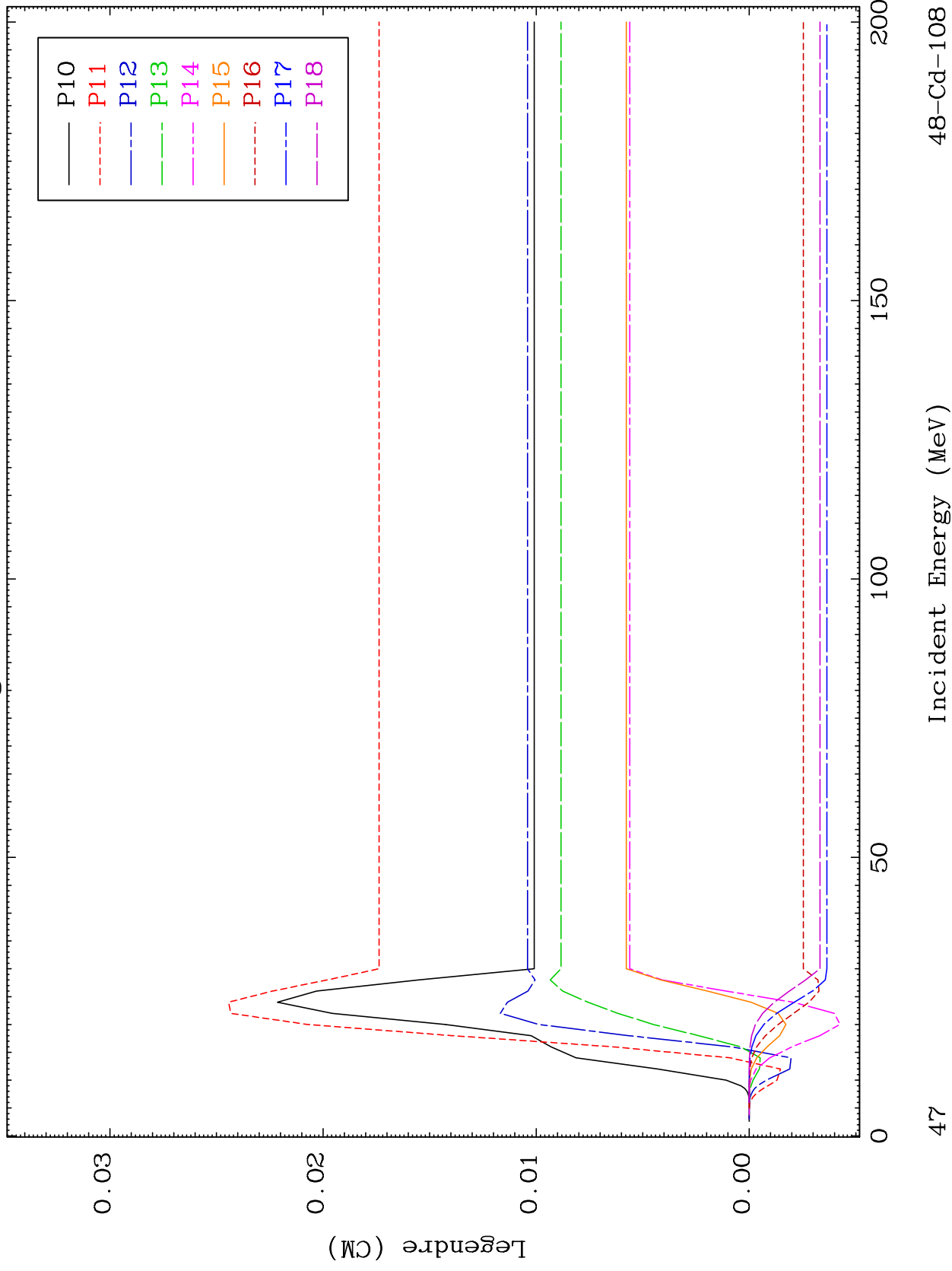
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

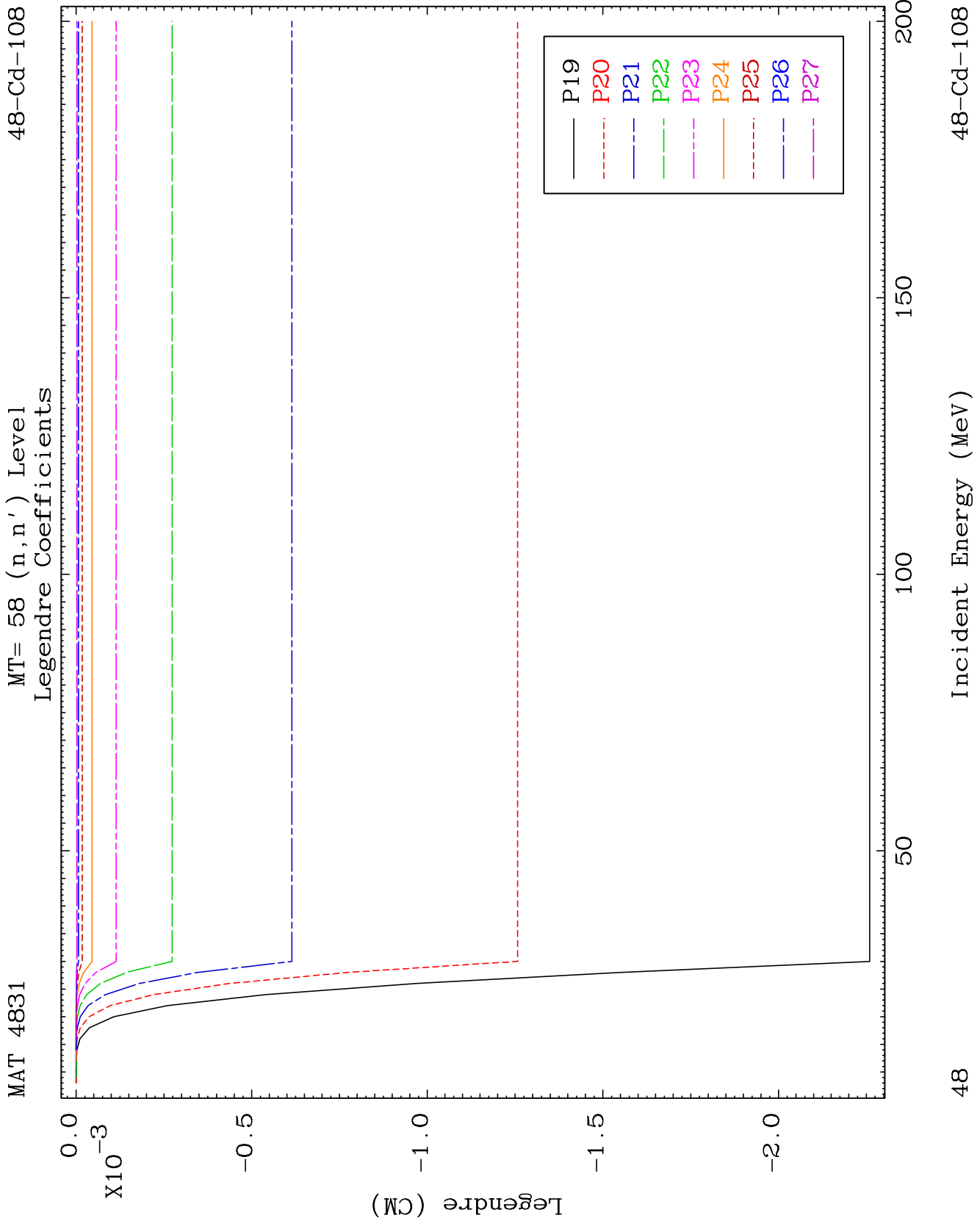
48-Cd-108

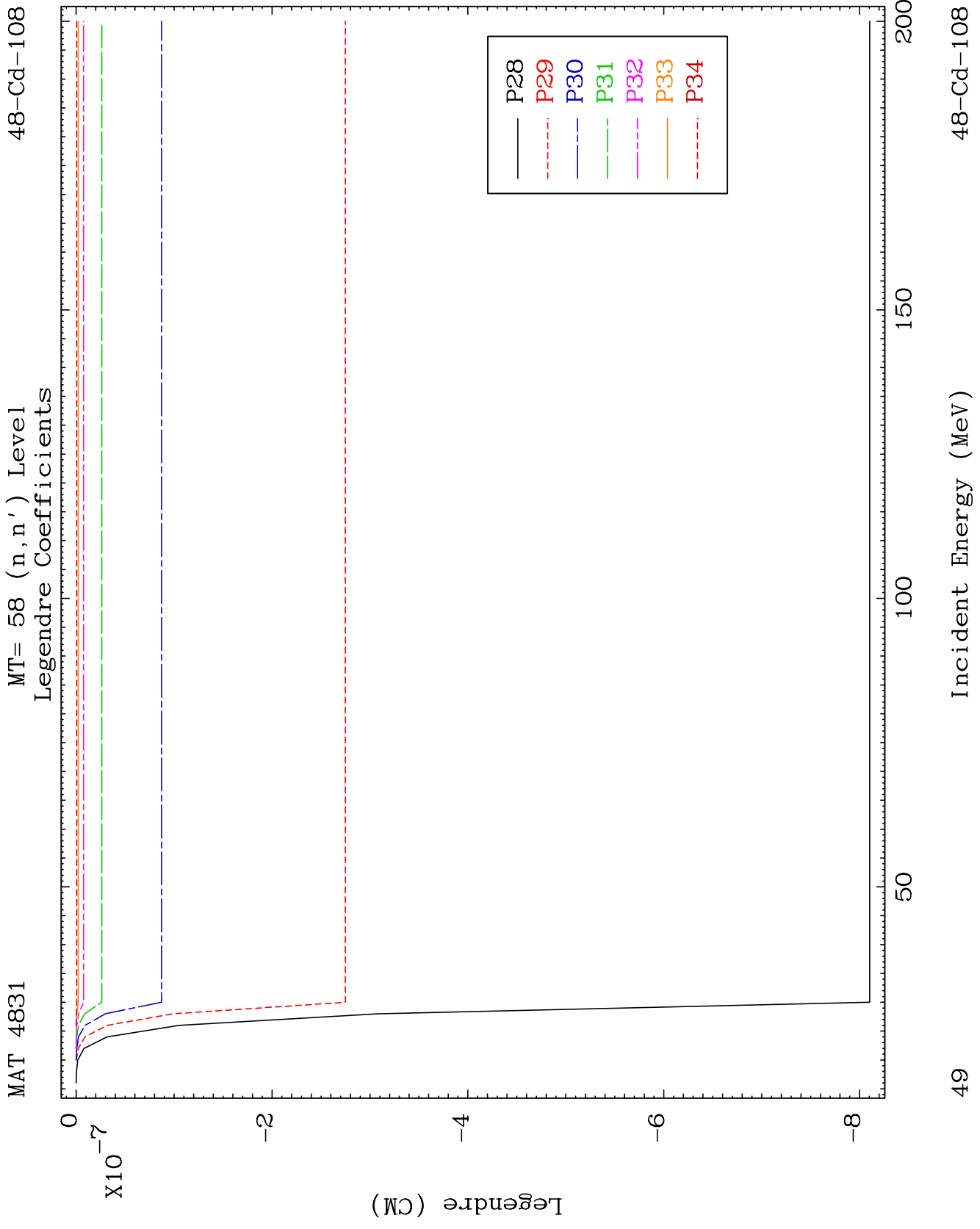


47

Incident Energy (MeV)

48-Cd-108

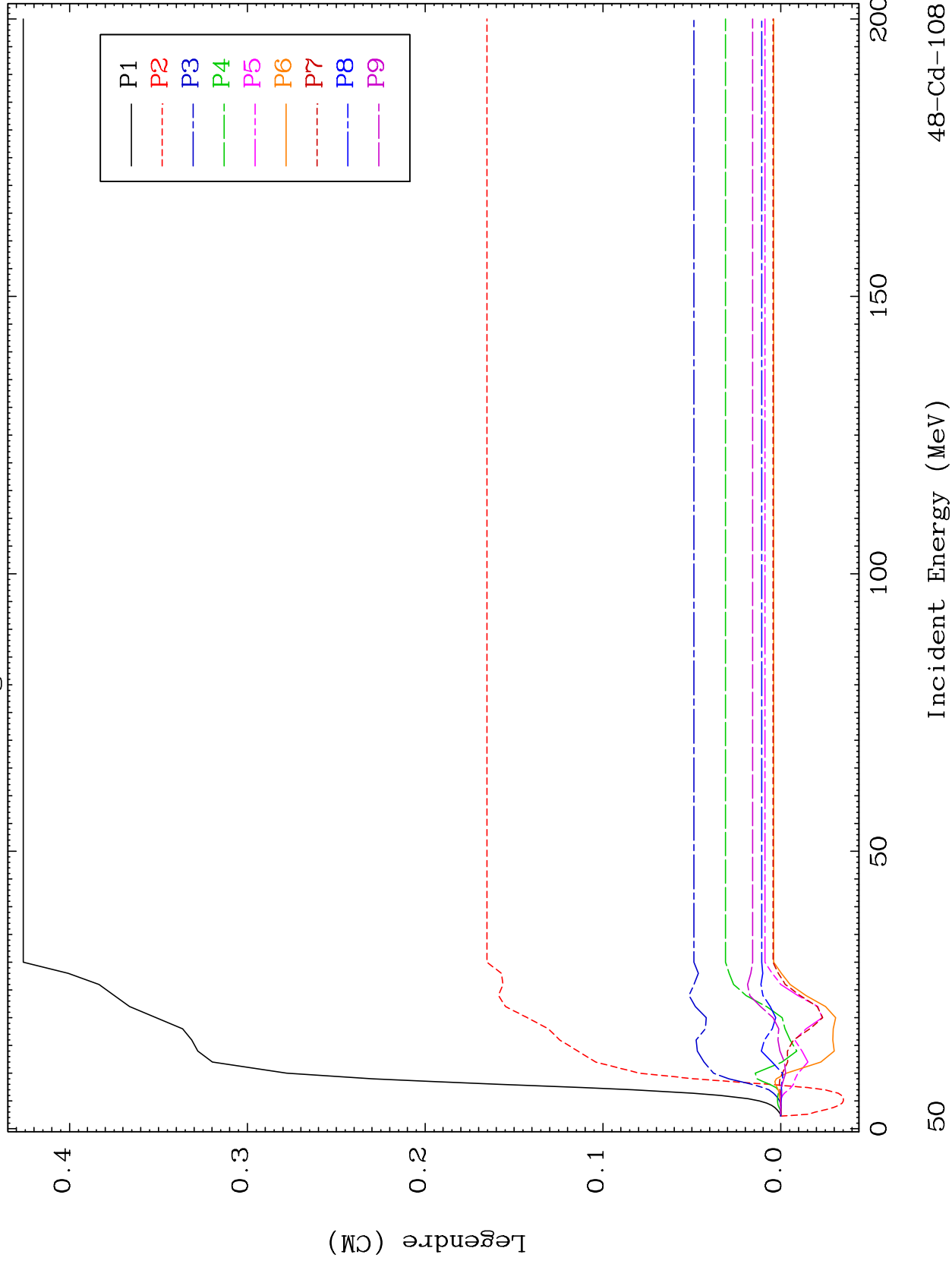




MAT 4831

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

48-Cd-108



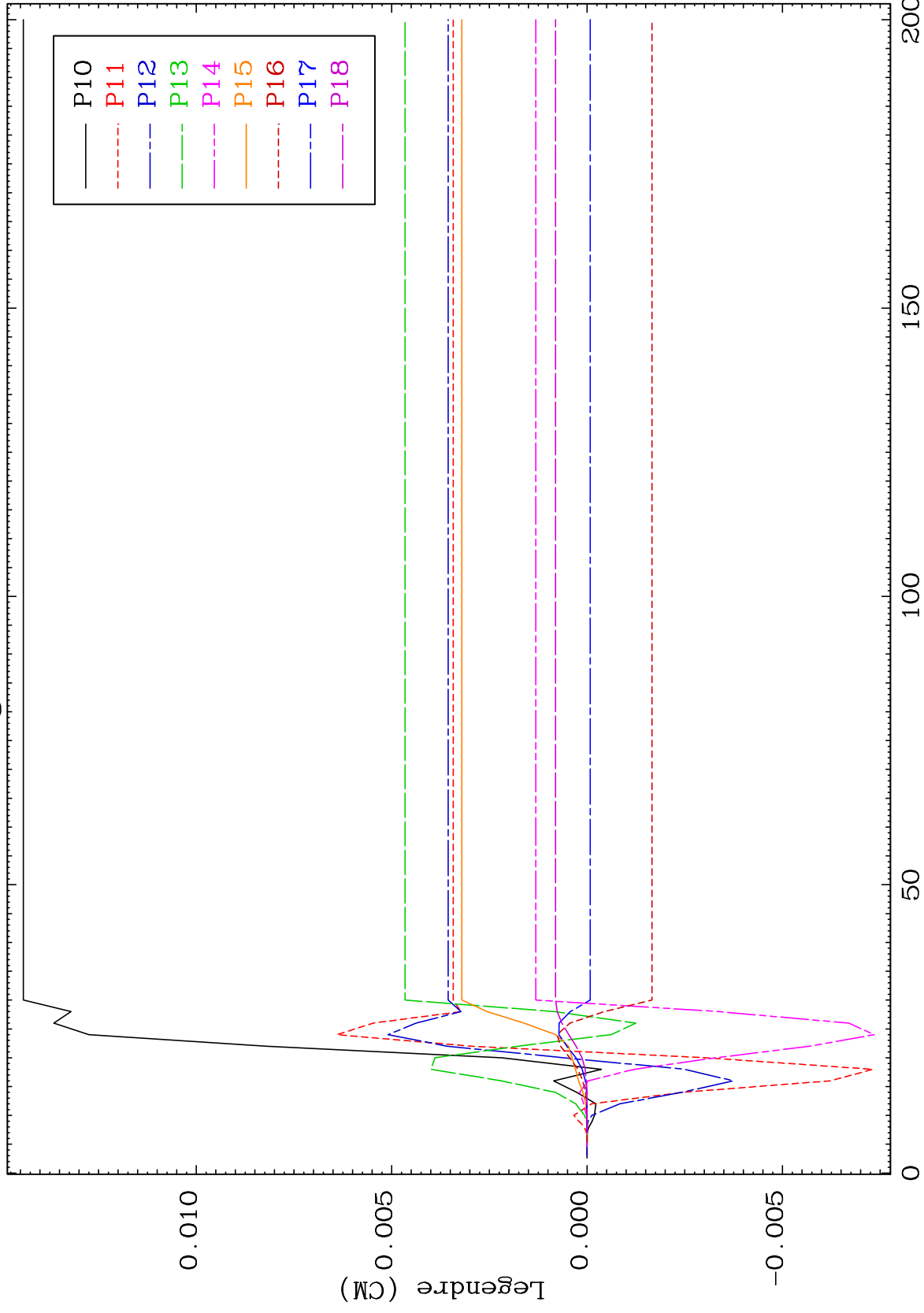
48-Cd-108

Incident Energy (MeV)

MAT 4831

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

48-Cd-108



51

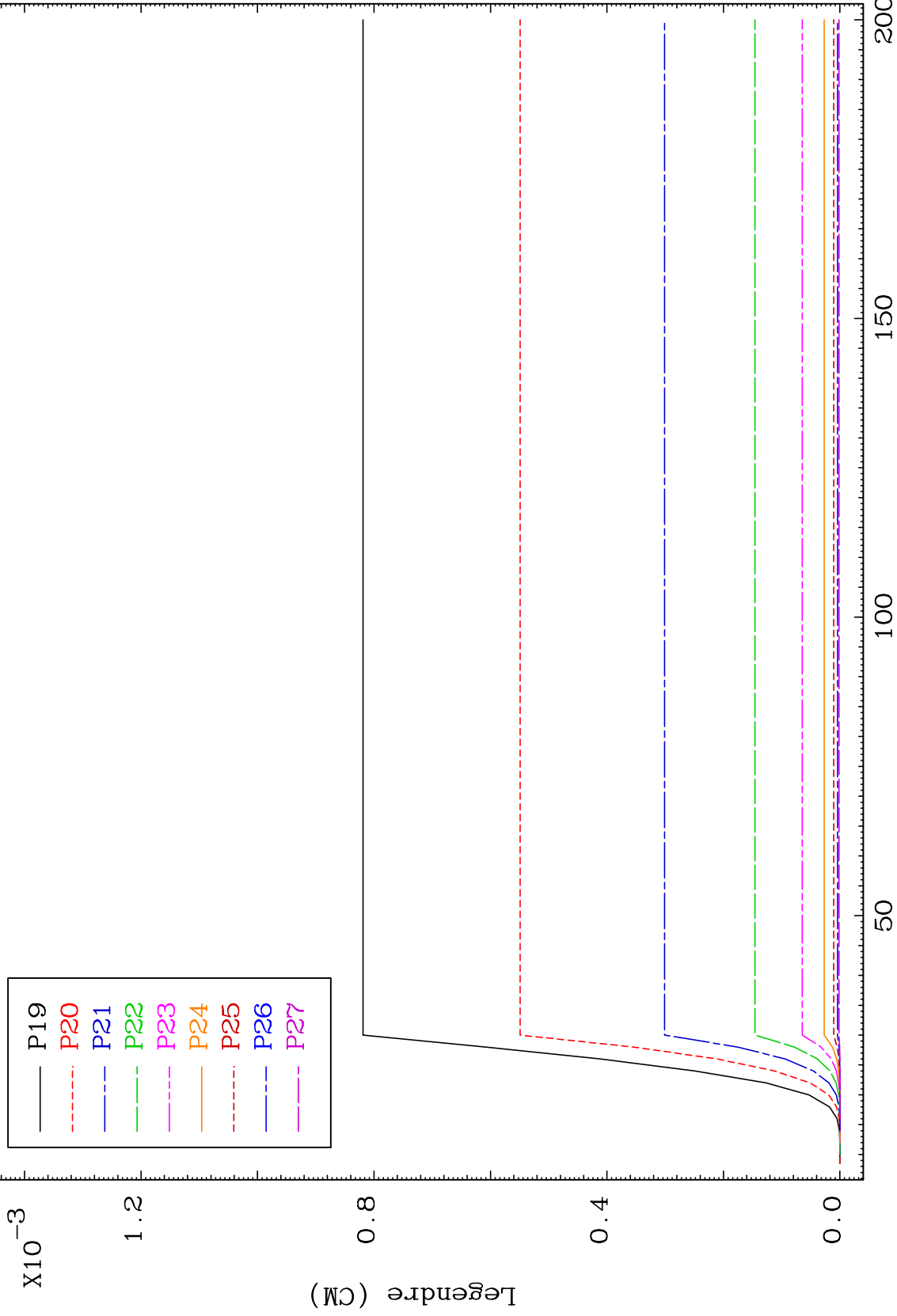
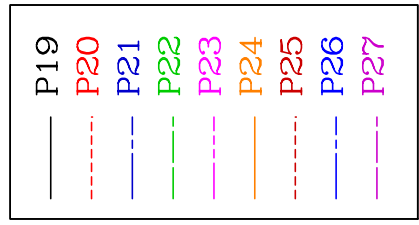
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



52

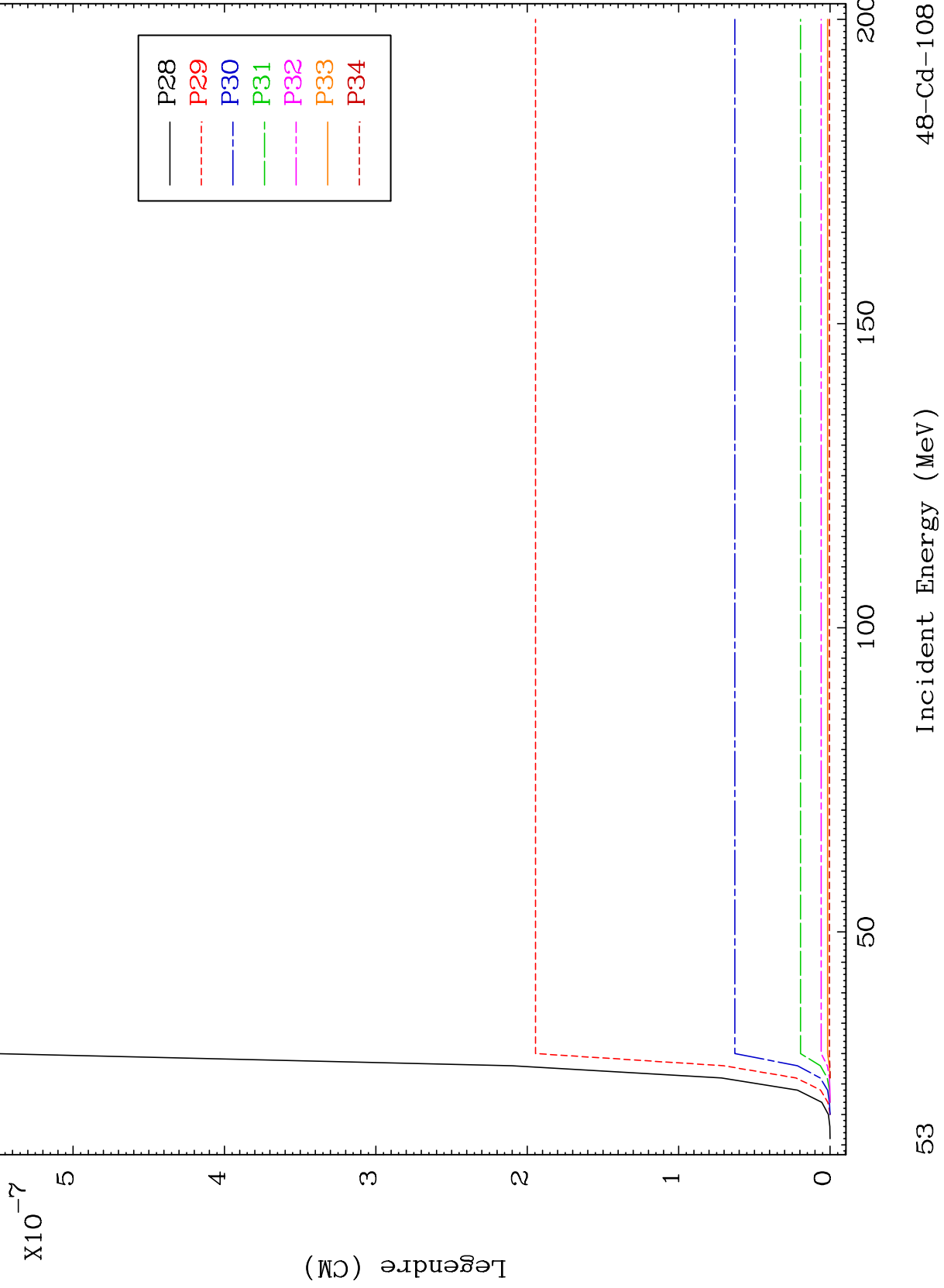
Incident Energy (MeV)

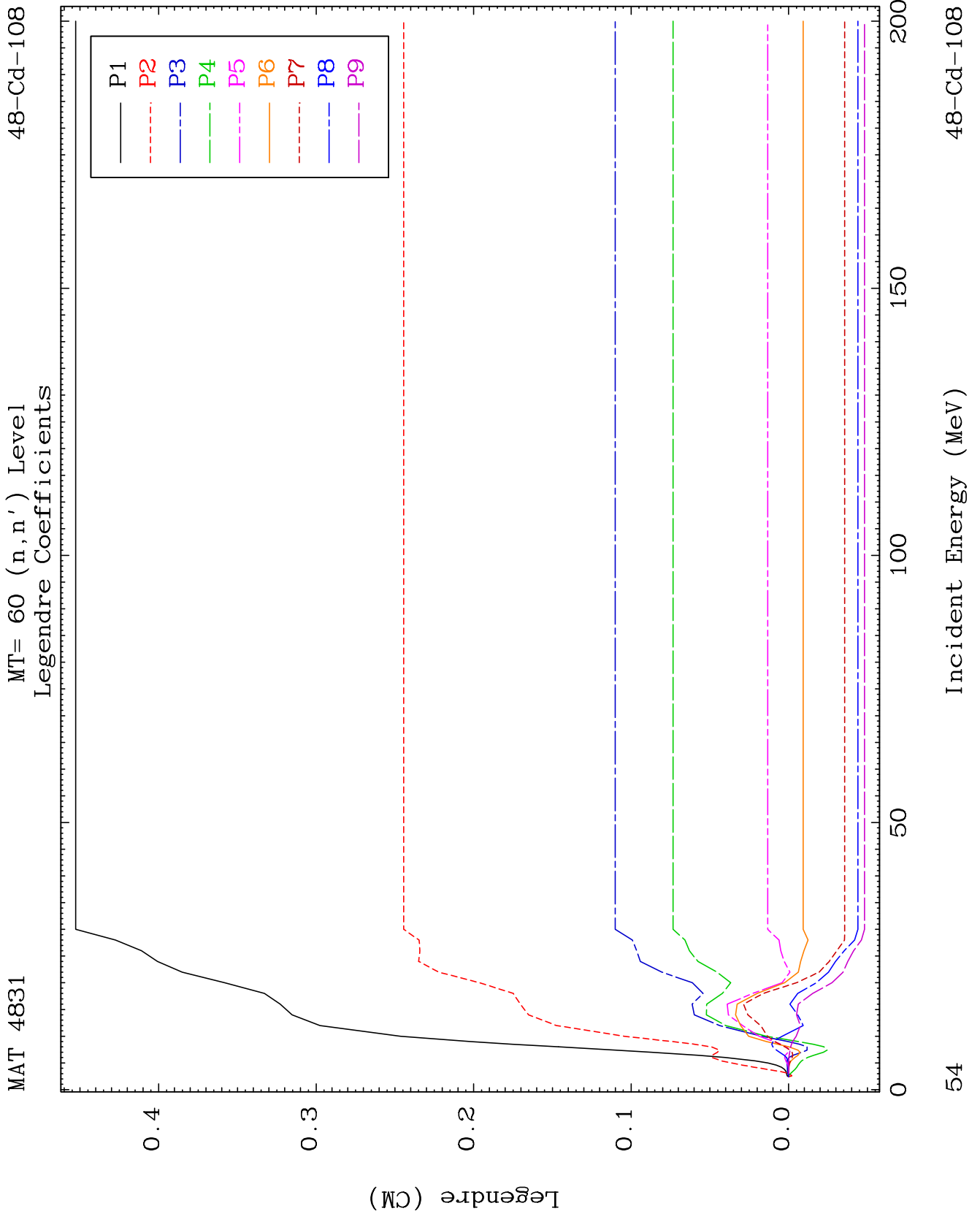
48-Cd-108

MAT 4831

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

48-Cd-108

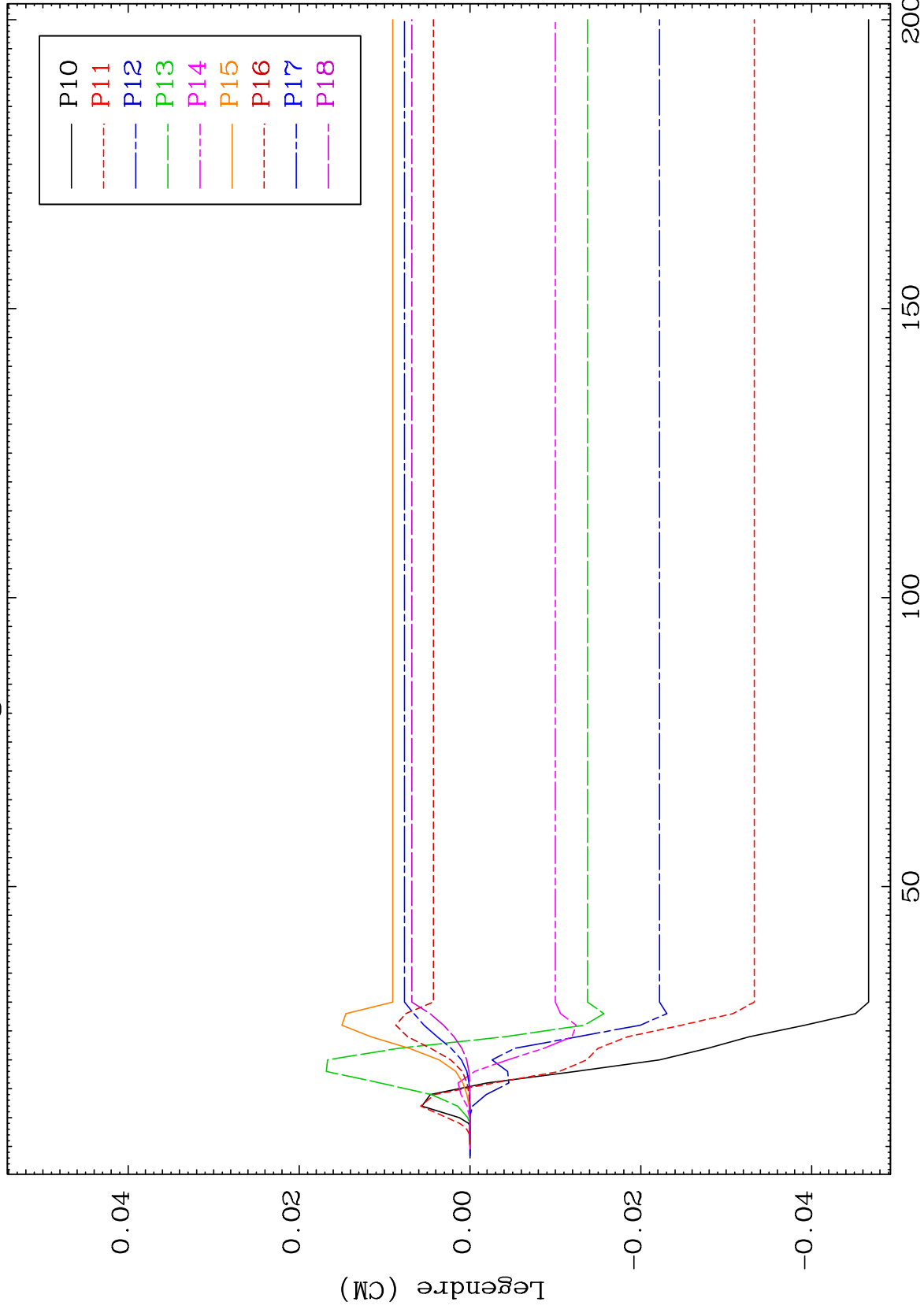




MAT 4831

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

48-Cd-108



55

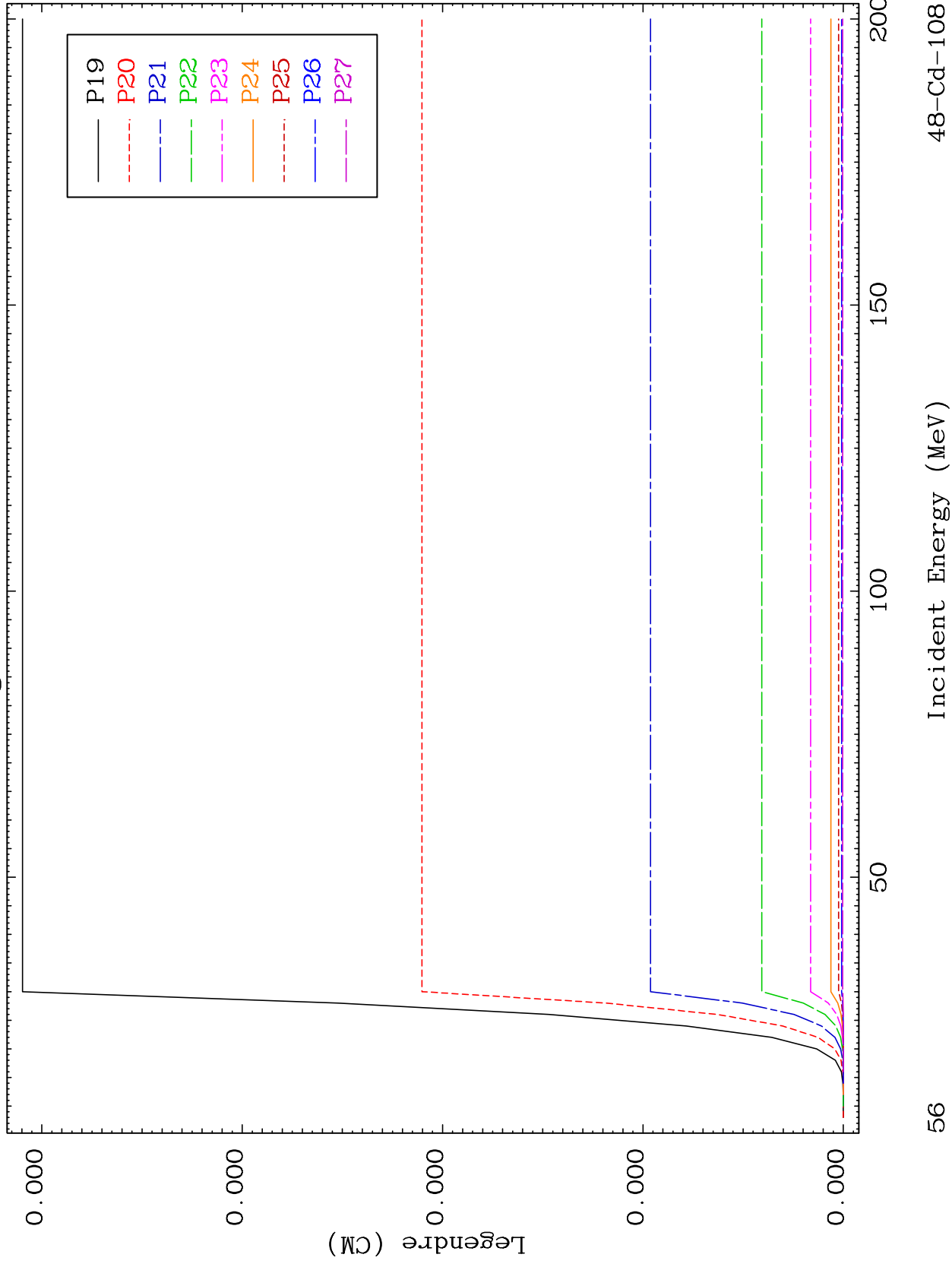
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



56

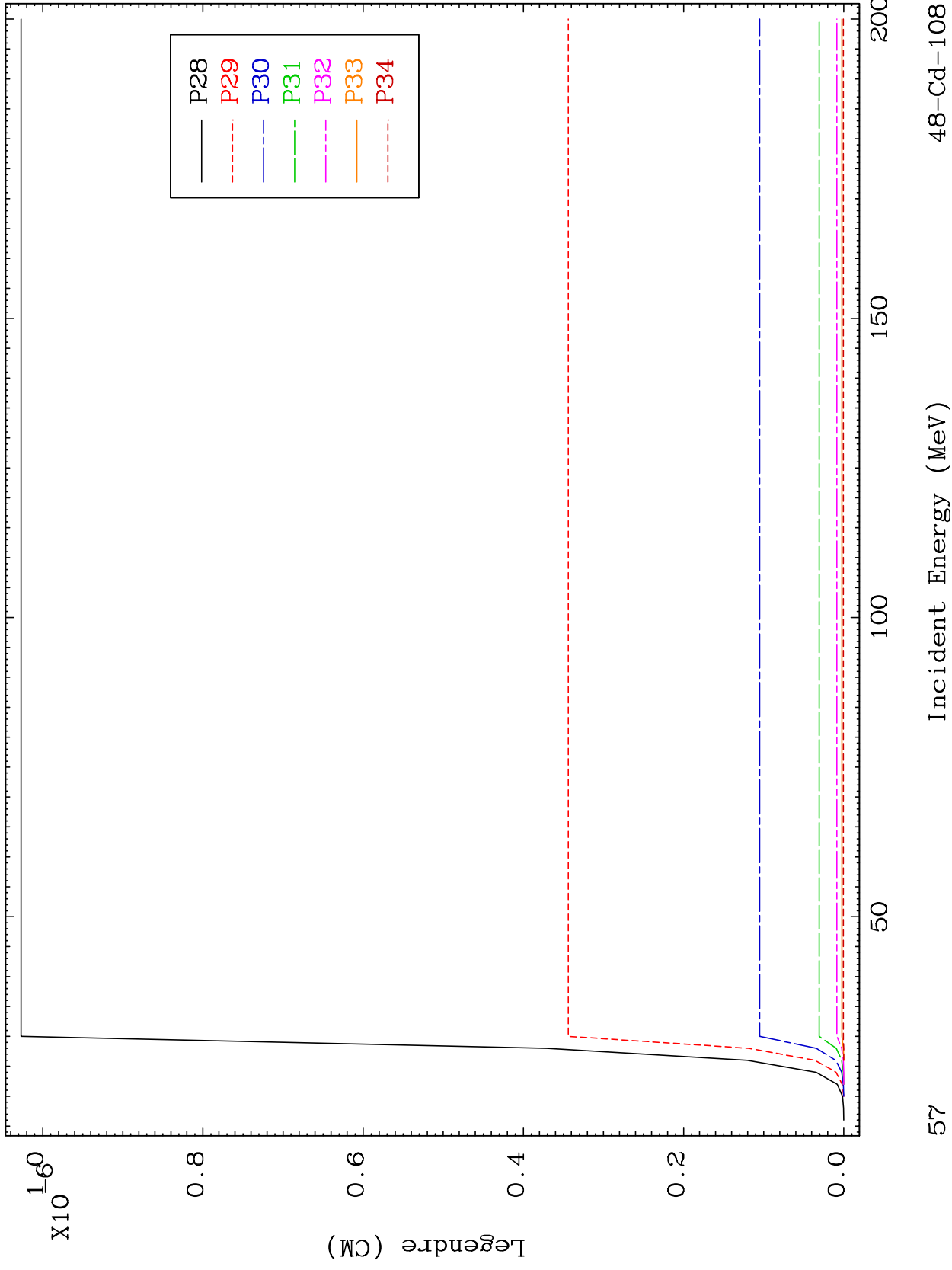
Incident Energy (MeV)

48-Cd-108

MAT 4831

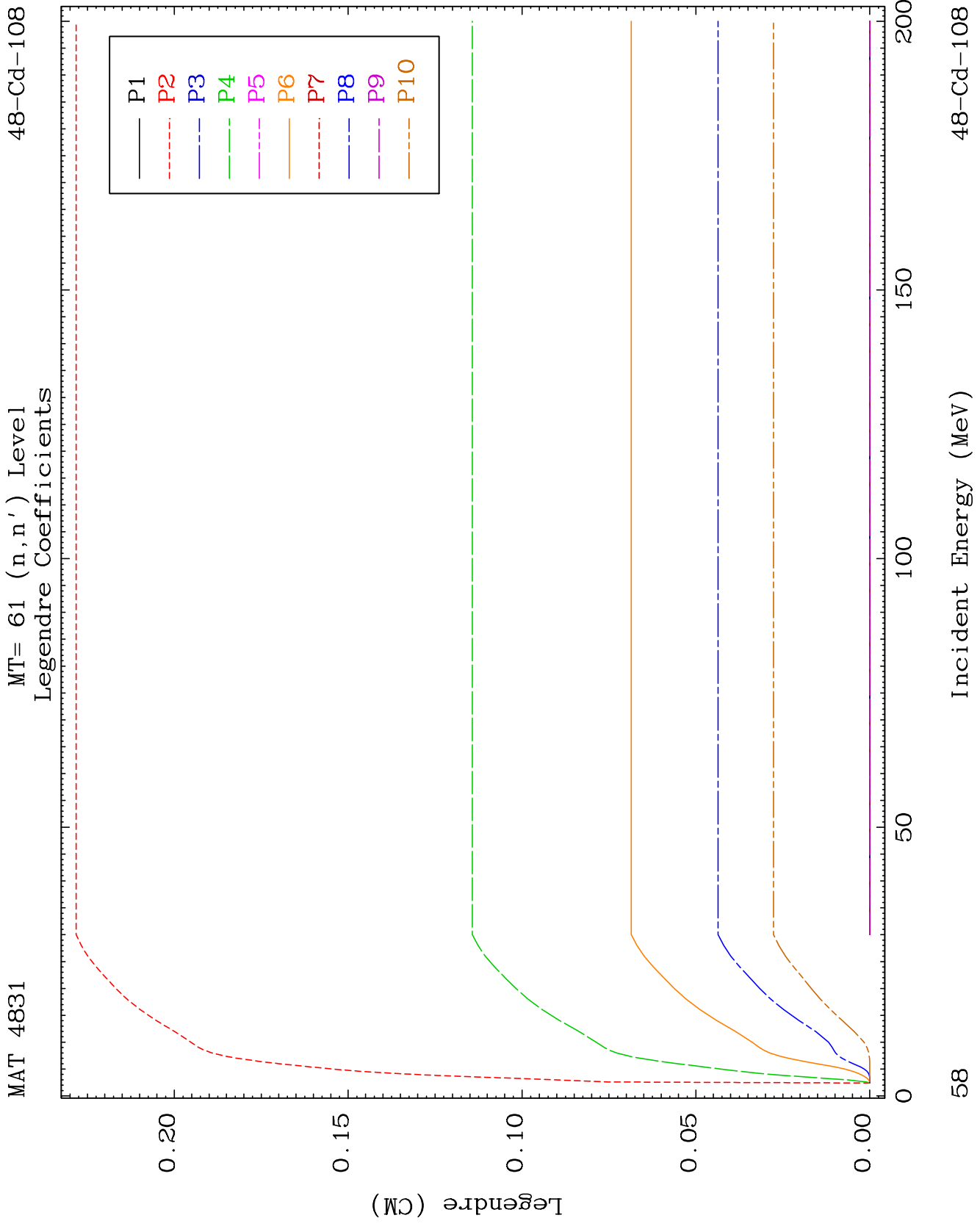
MT= 60 (n,n') Level
Legendre Coefficients

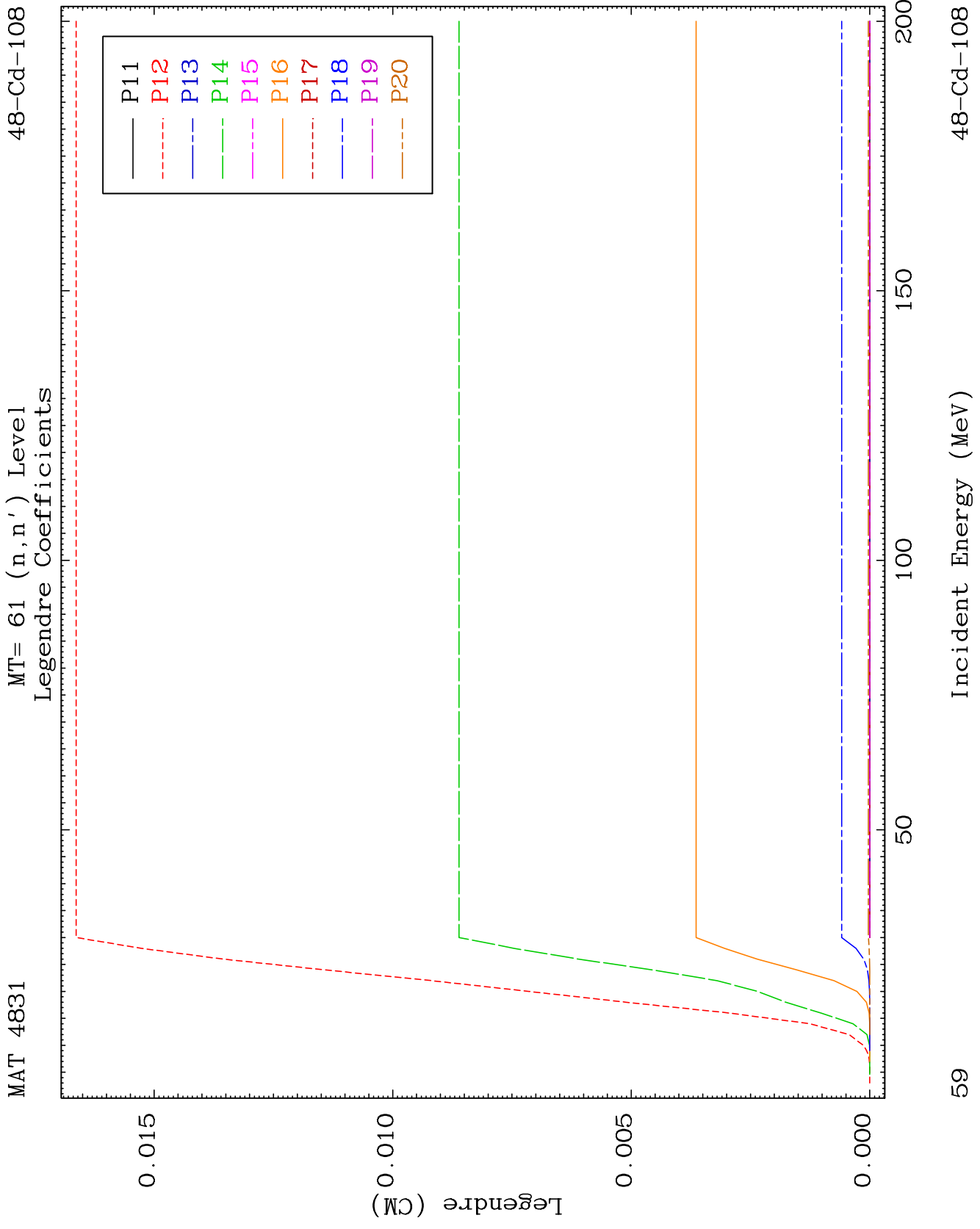
48-Cd-108

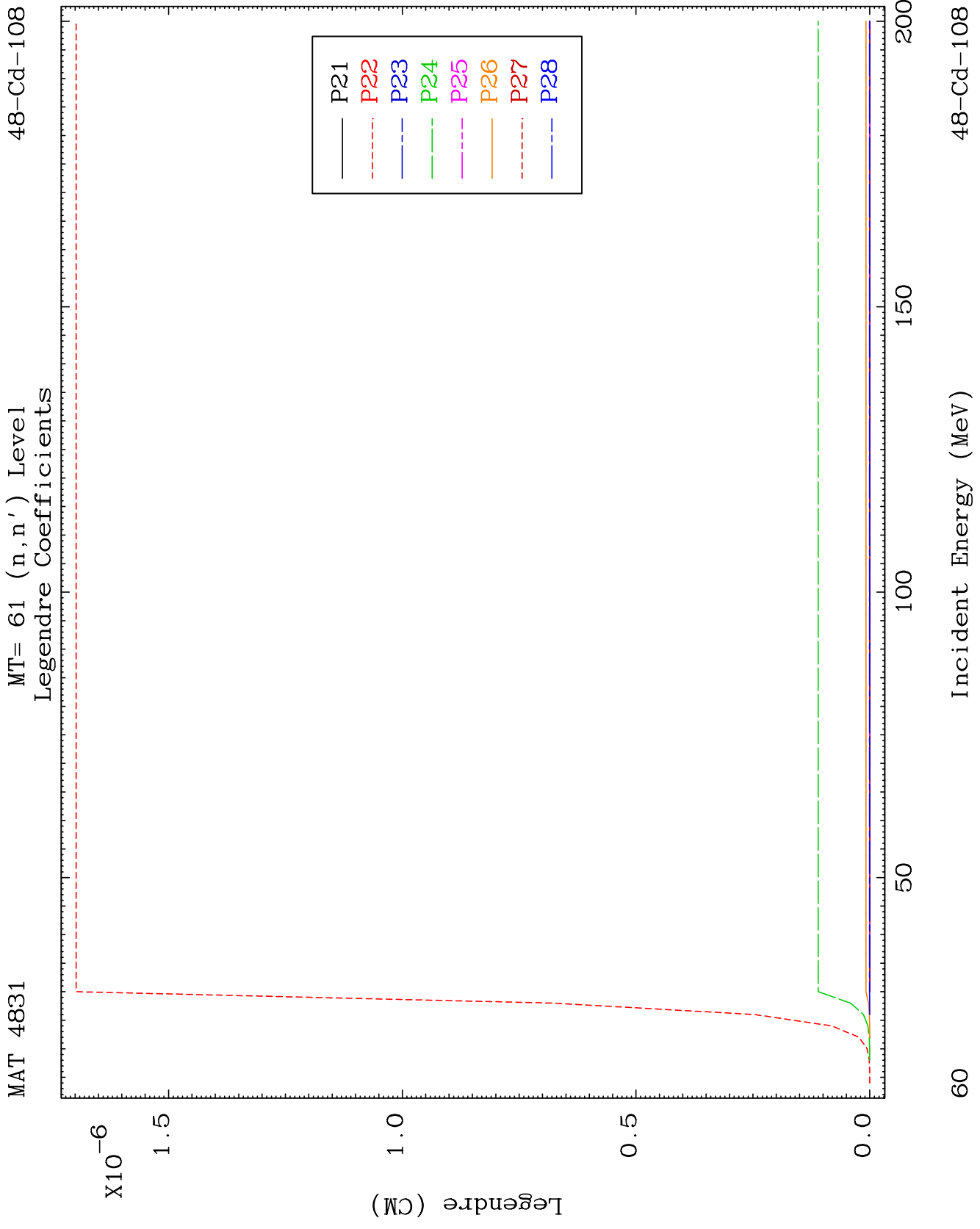


57

48-Cd-108



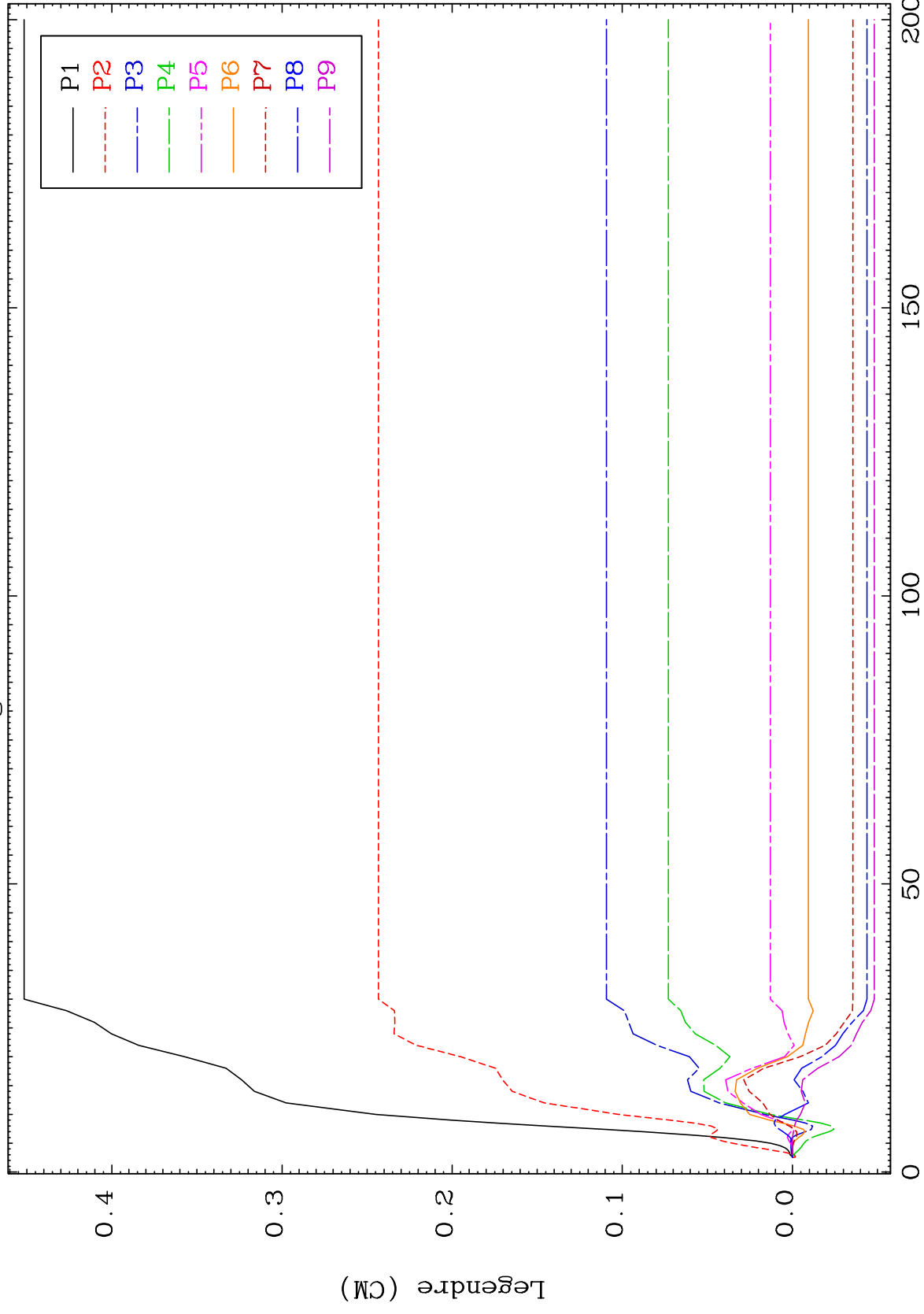




MAT 4831

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

48-Cd-108



61

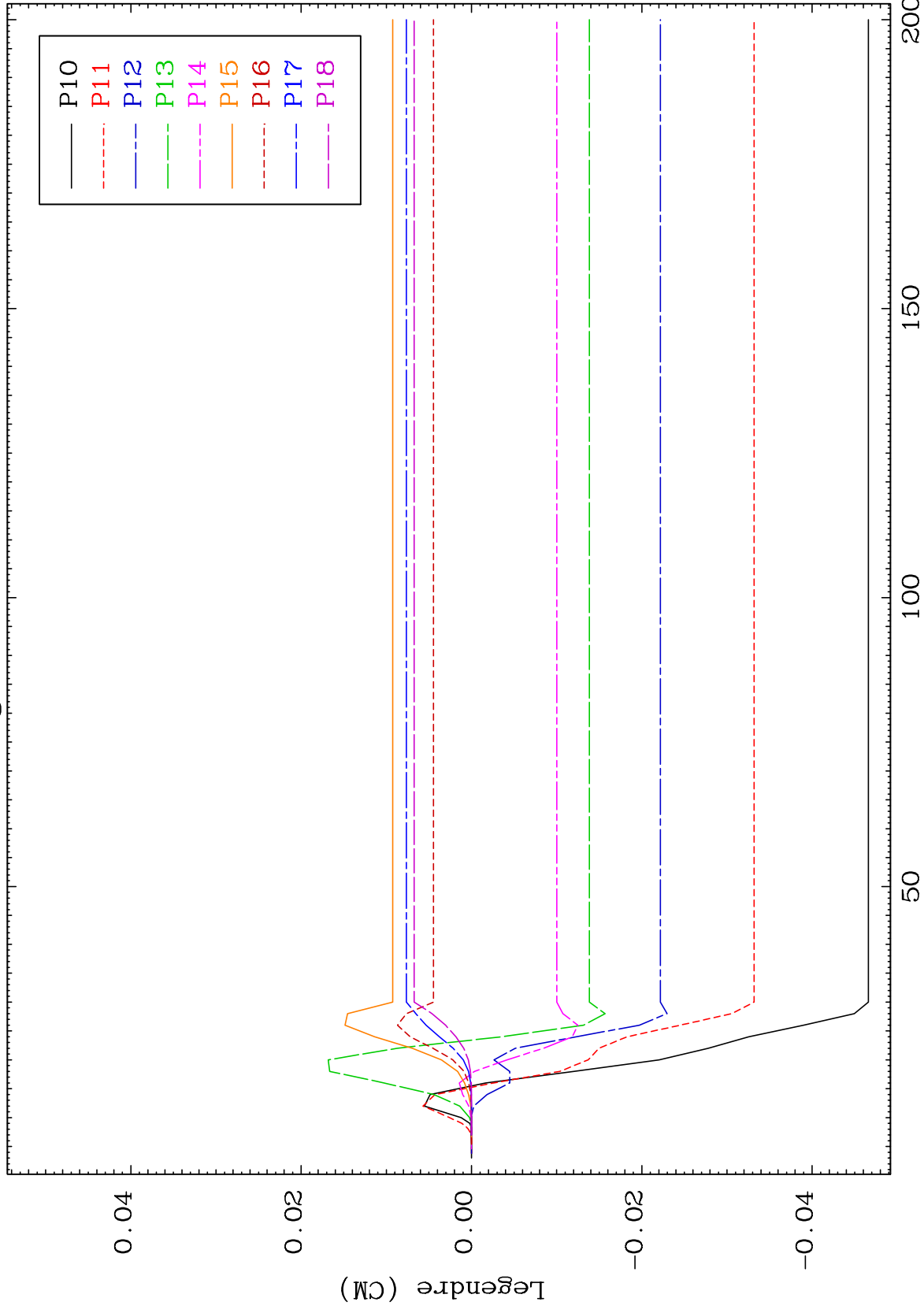
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



62

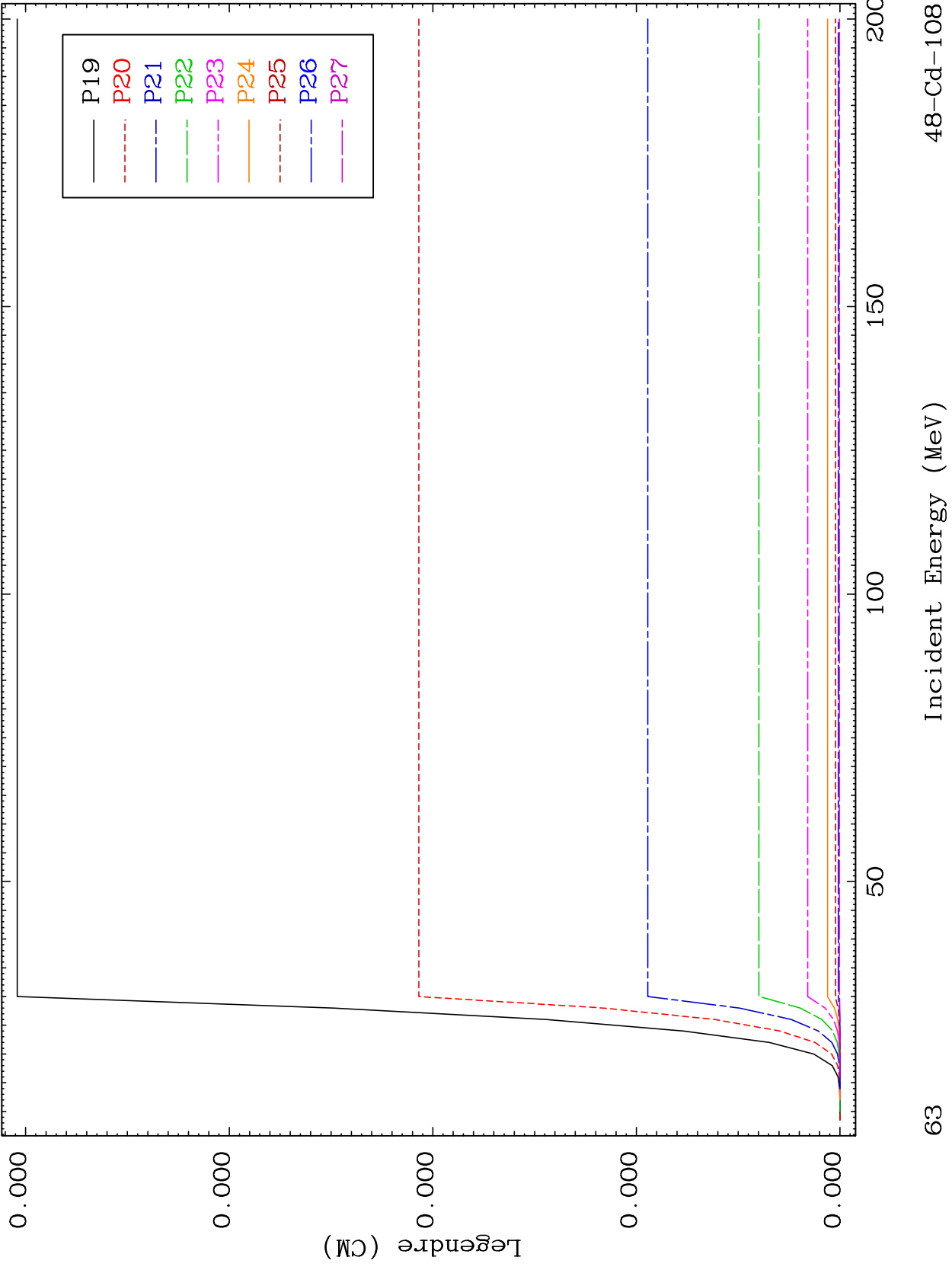
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



63

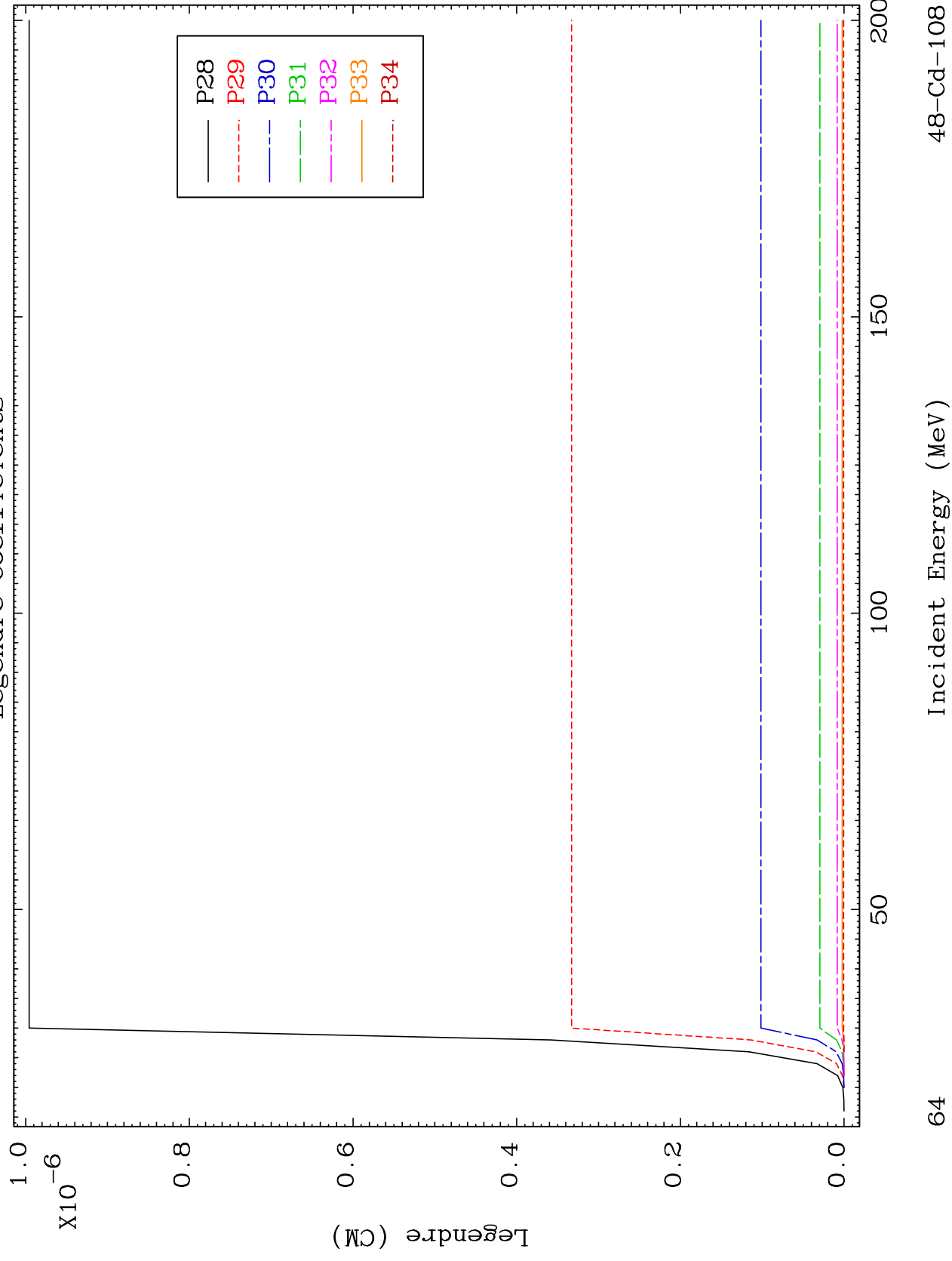
Incident Energy (MeV)

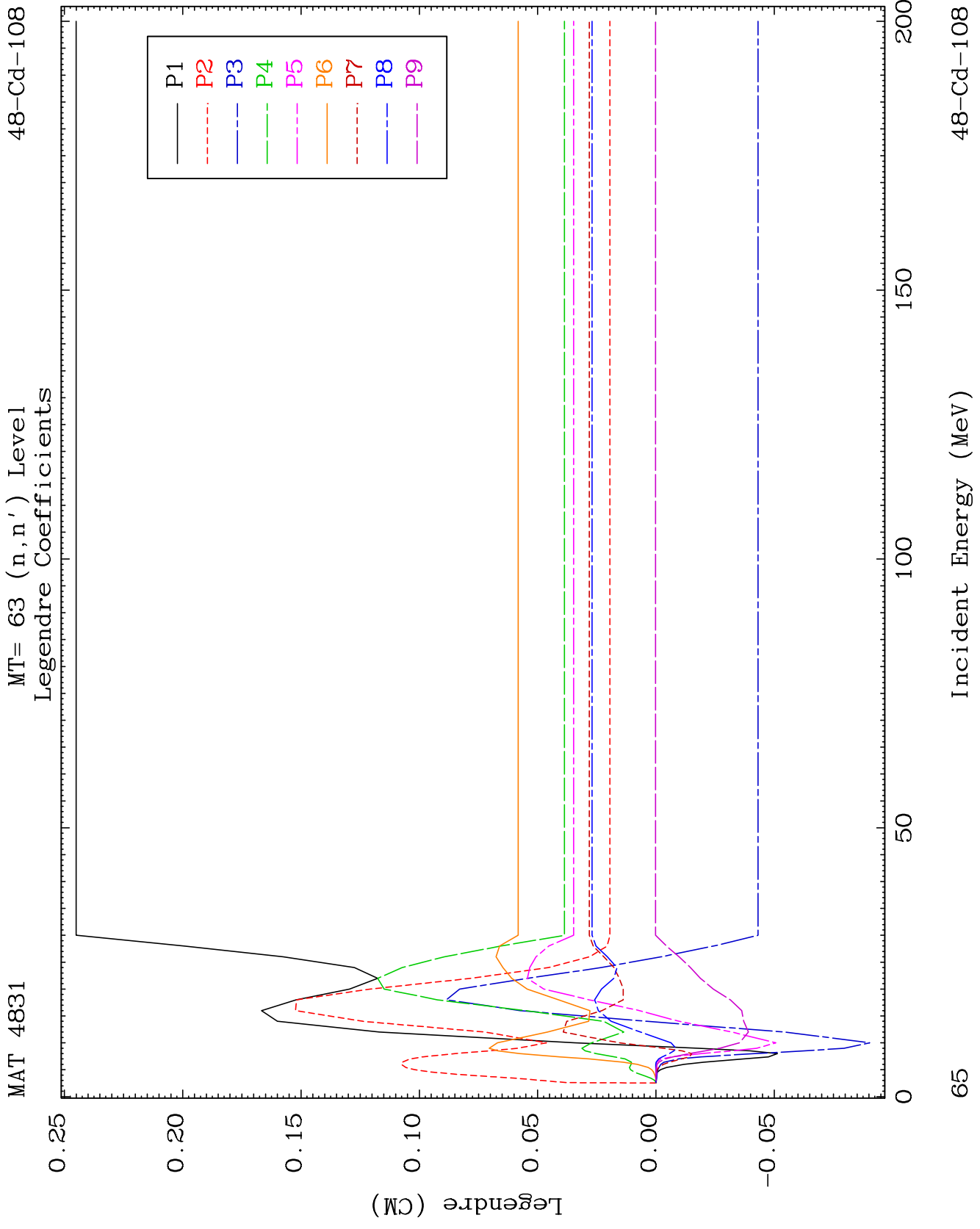
48-Cd-108

MAT 4831

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

48-Cd-108

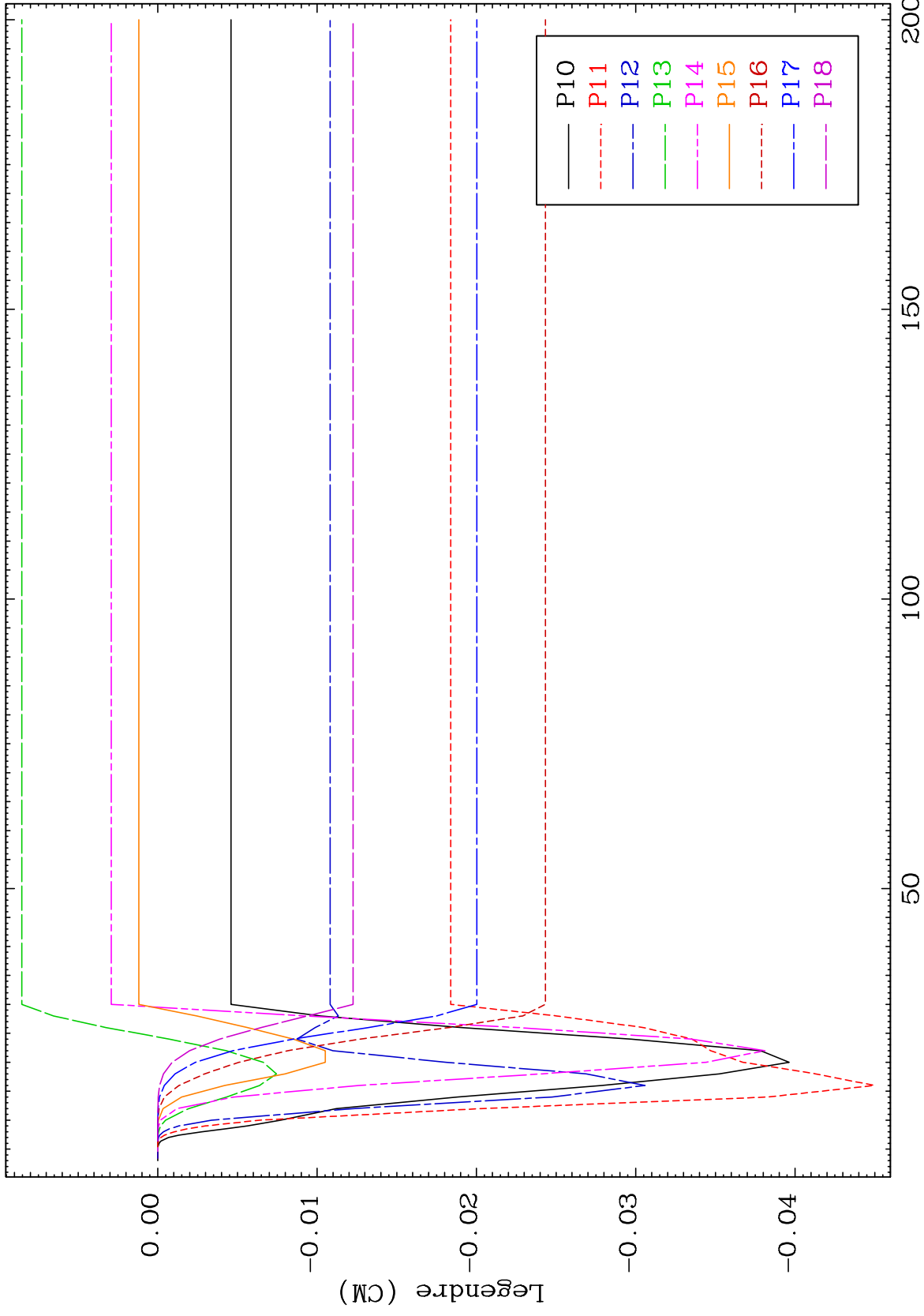




MAT 4831

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

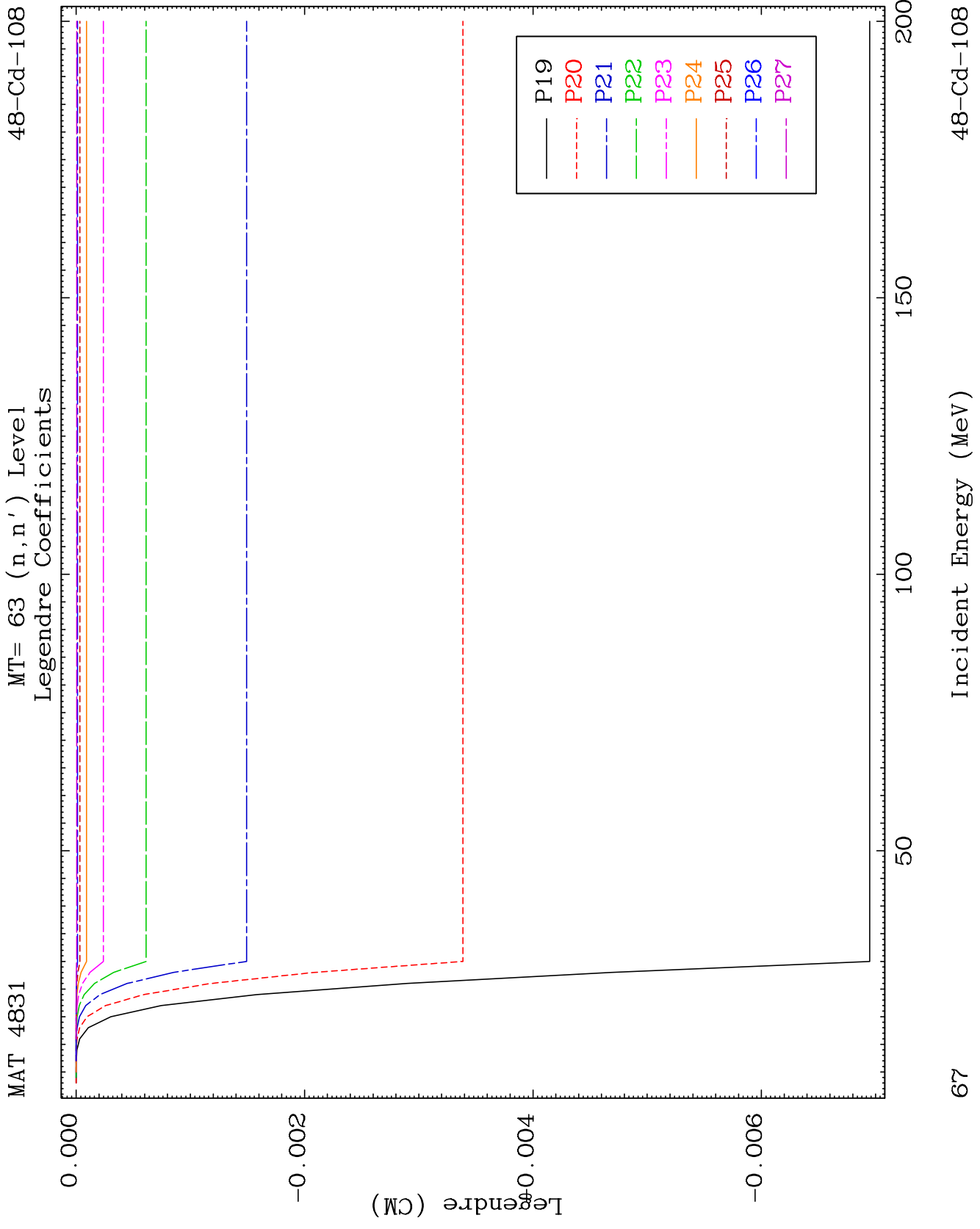
48-Cd-108

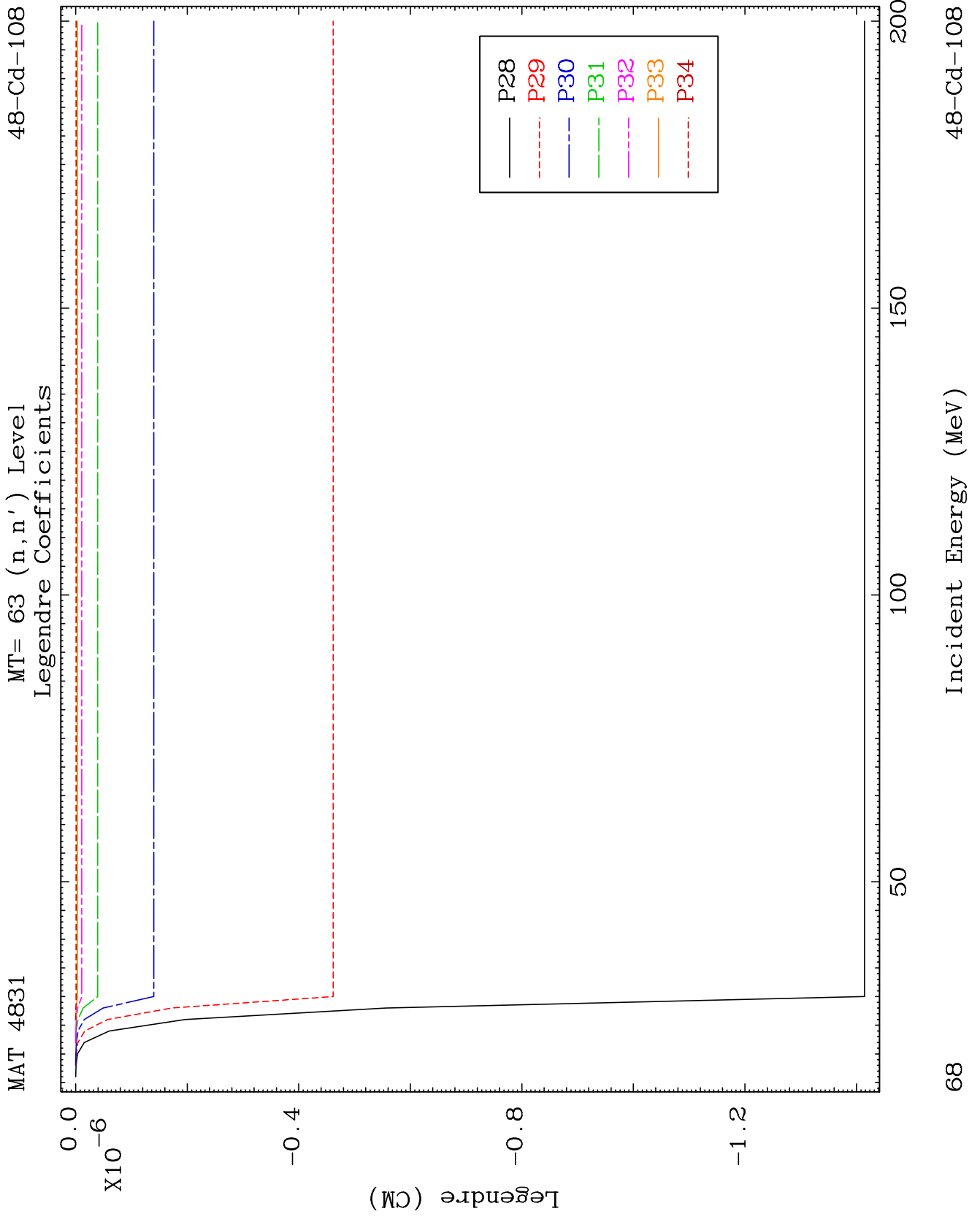


66

Incident Energy (MeV)

48-Cd-108

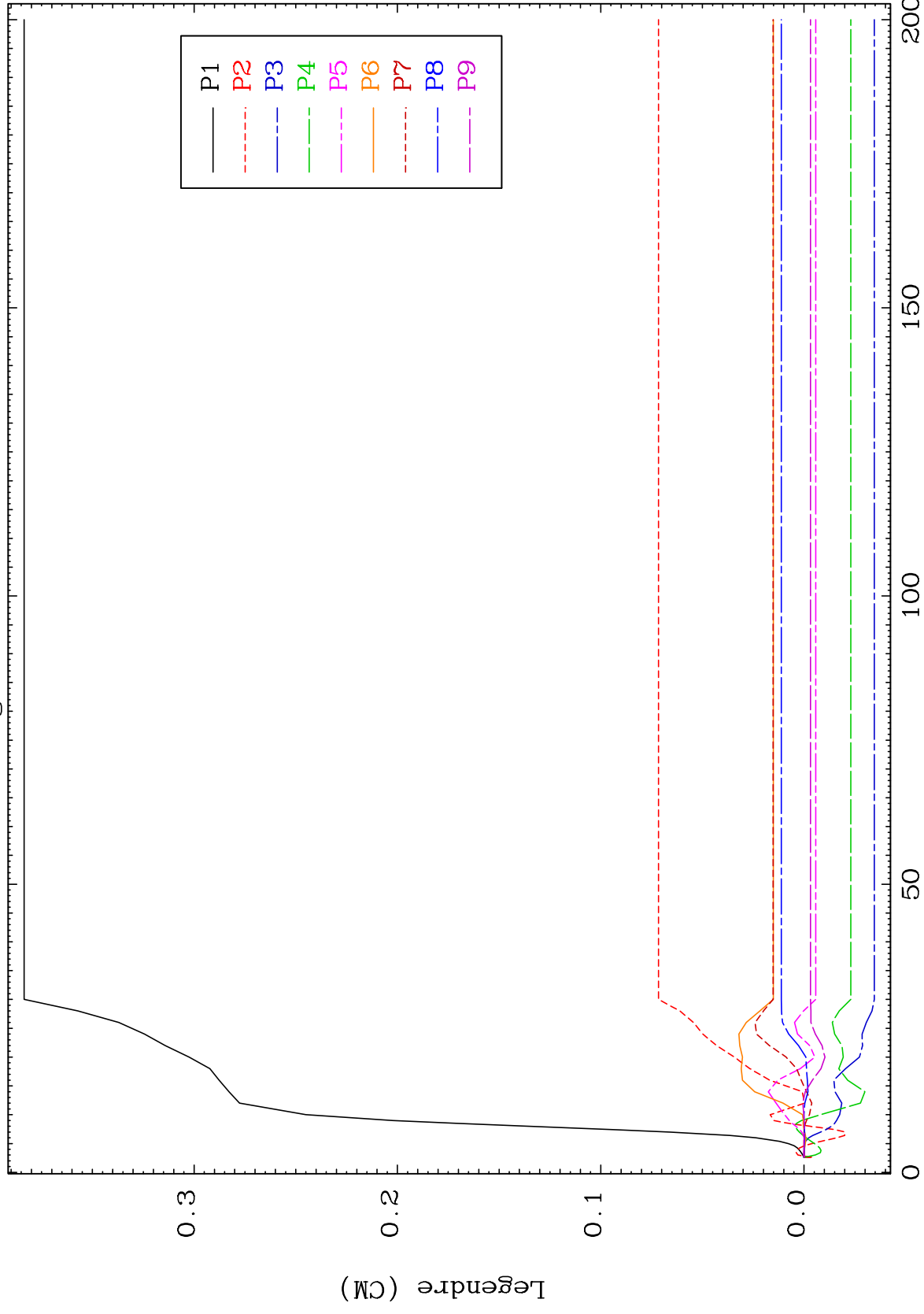




MAT 4831

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

48-Cd-108



69

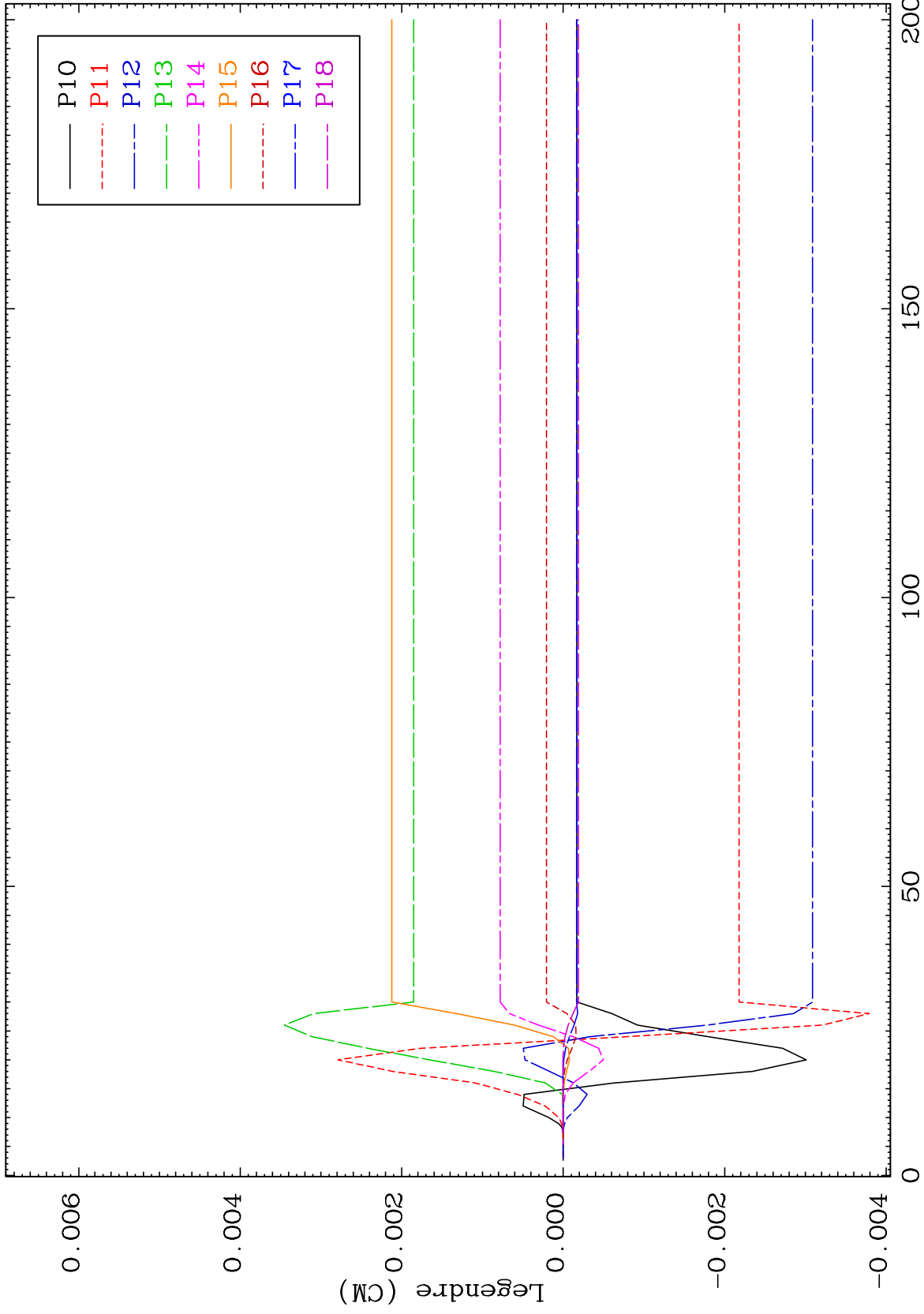
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



70

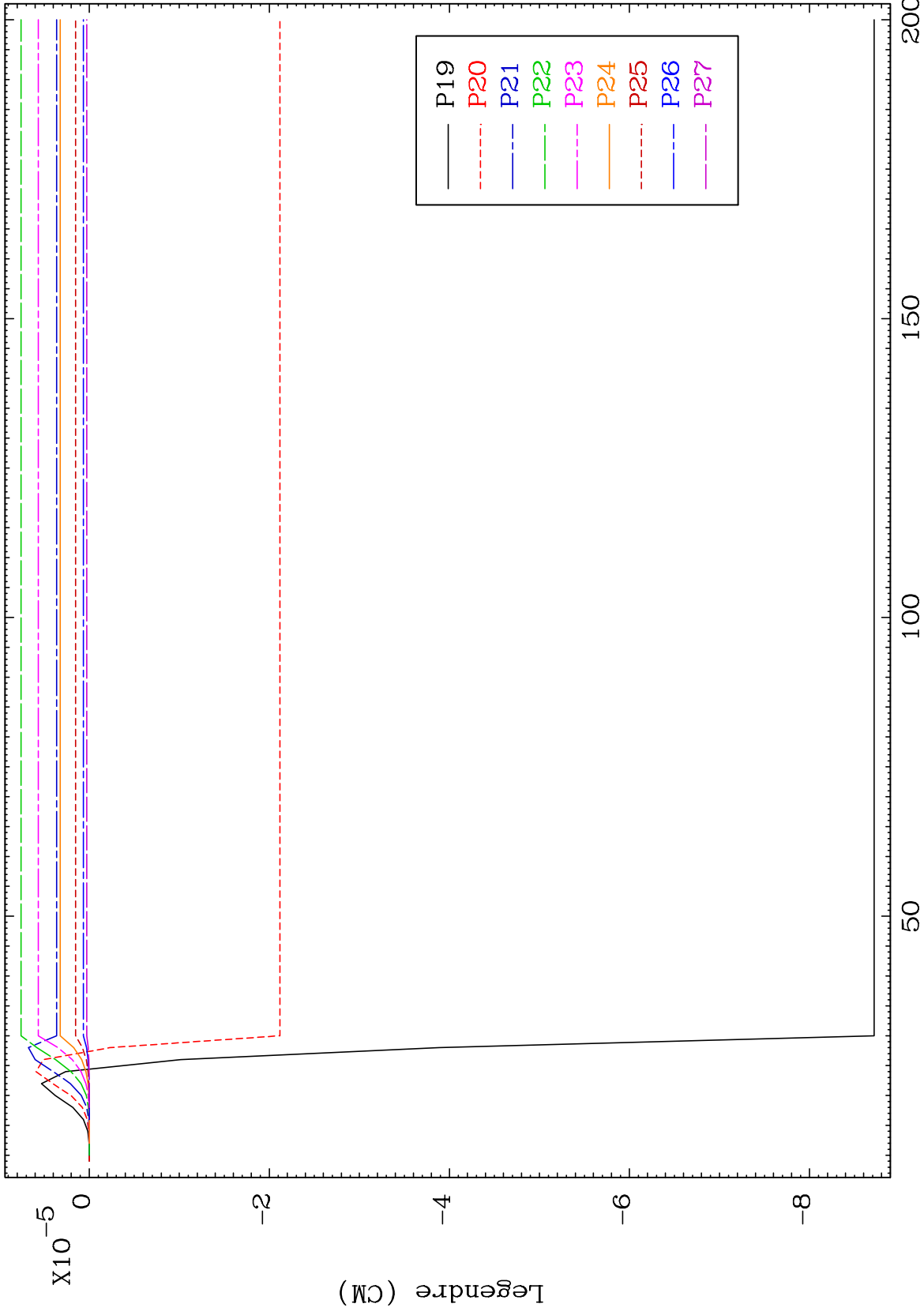
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



71

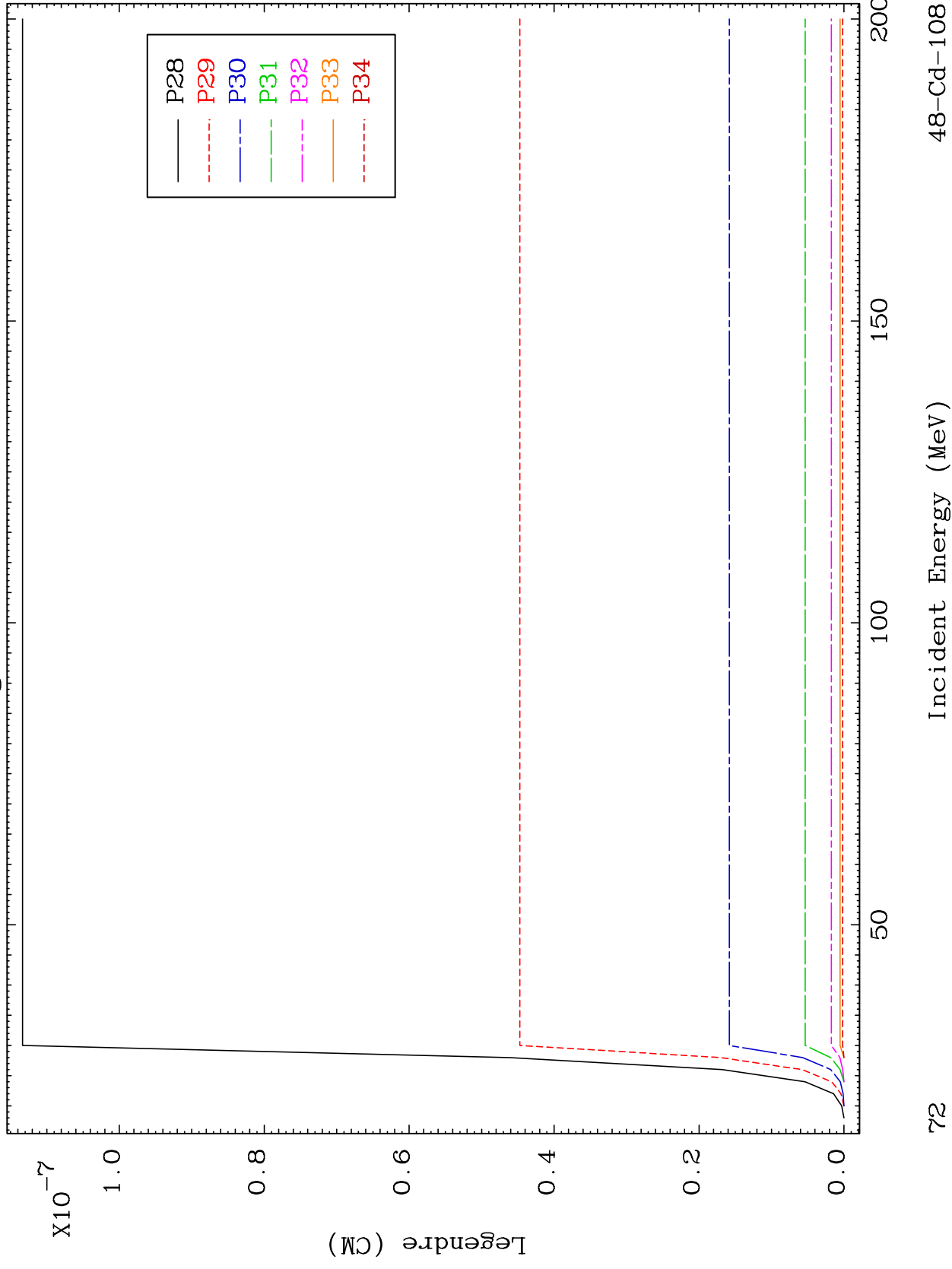
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



72

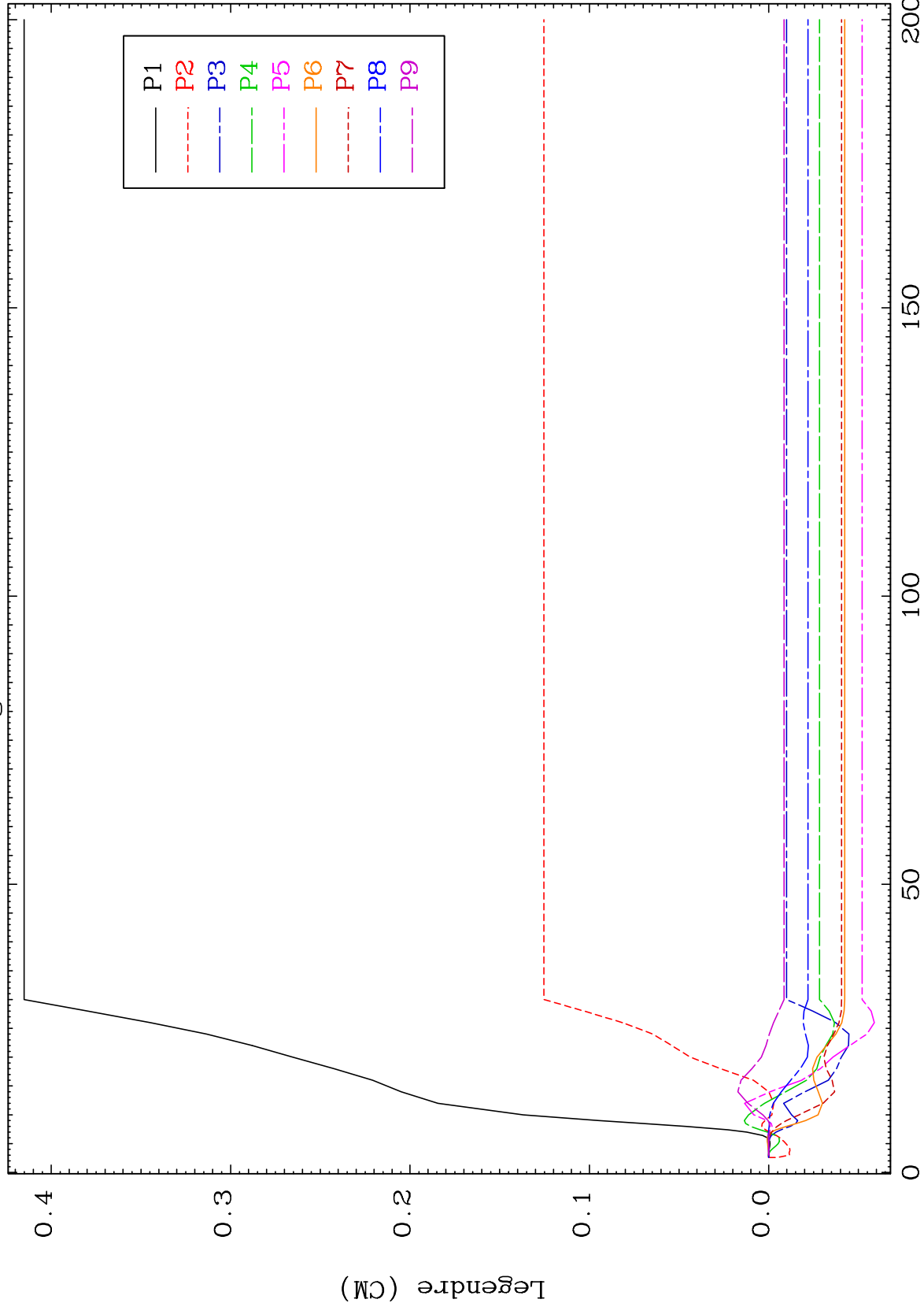
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



73

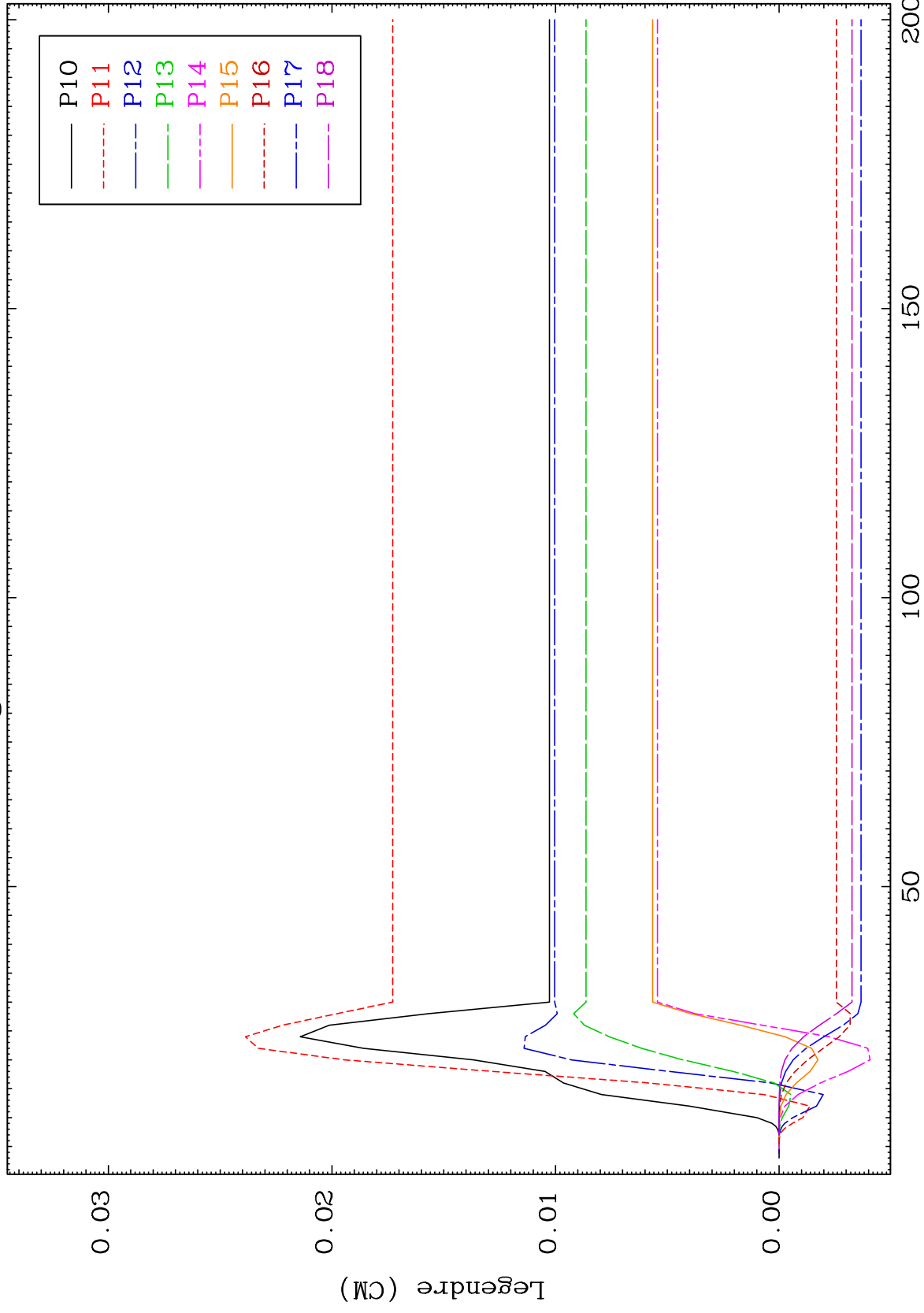
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

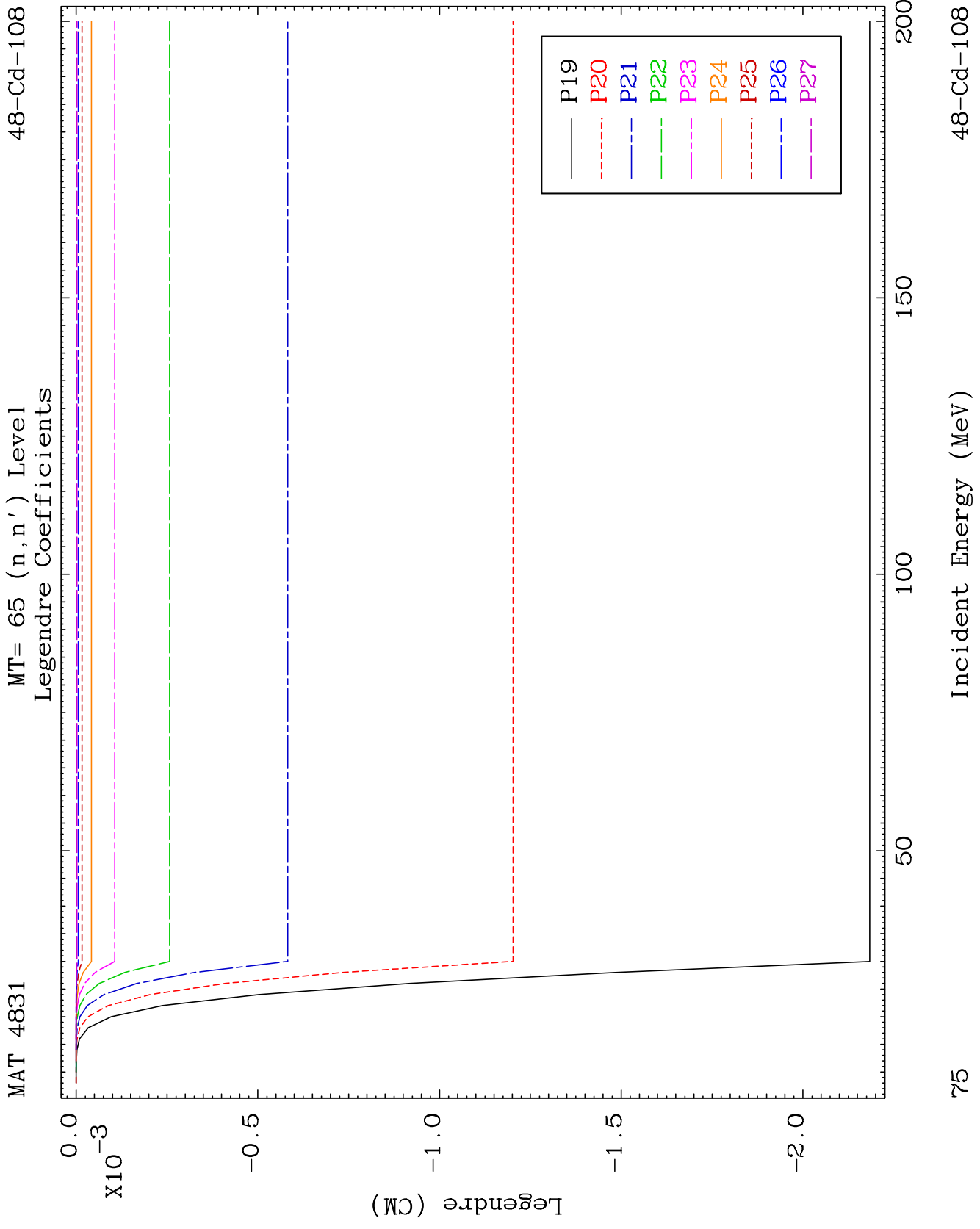
48-Cd-108

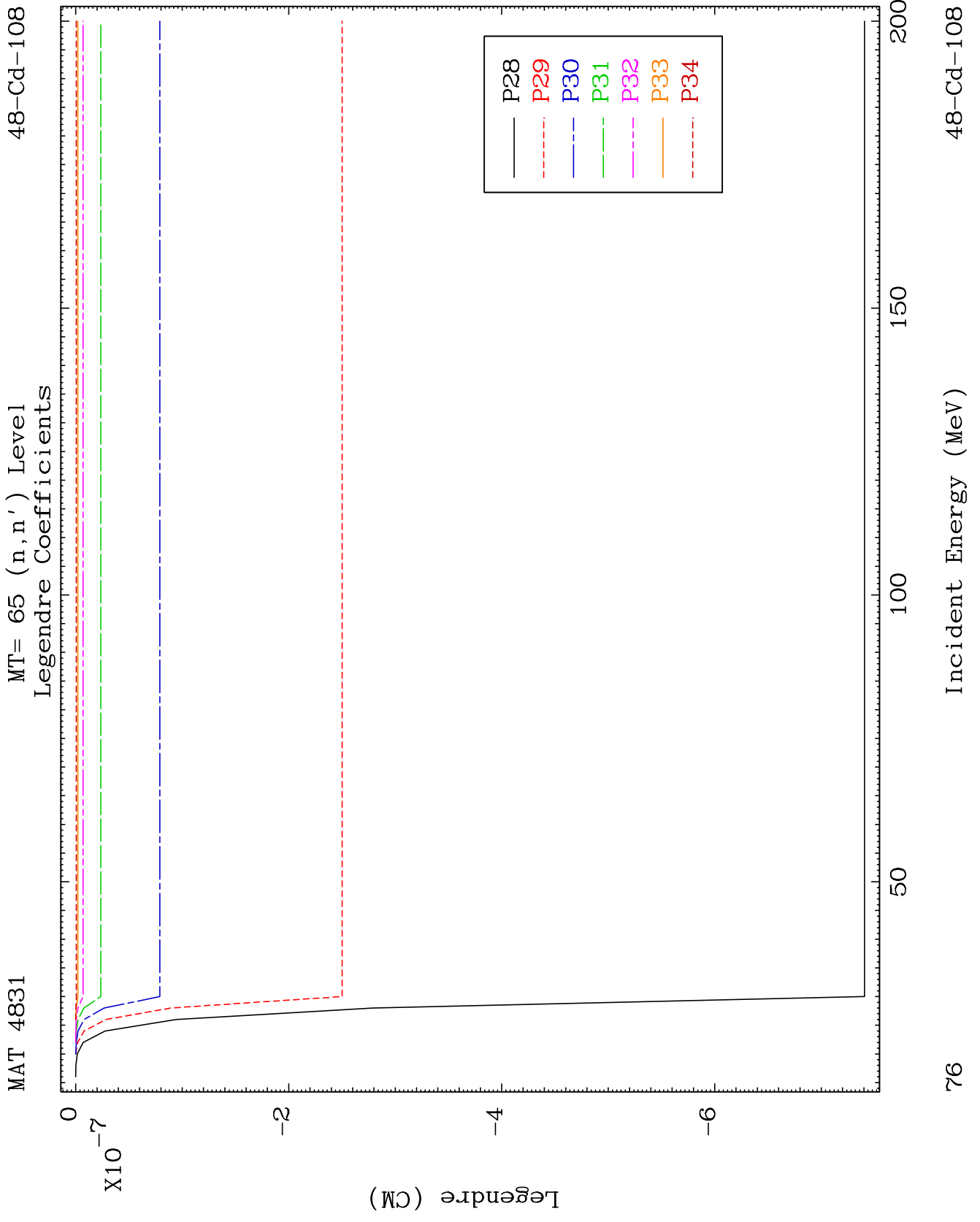


74

Incident Energy (MeV)

48-Cd-108

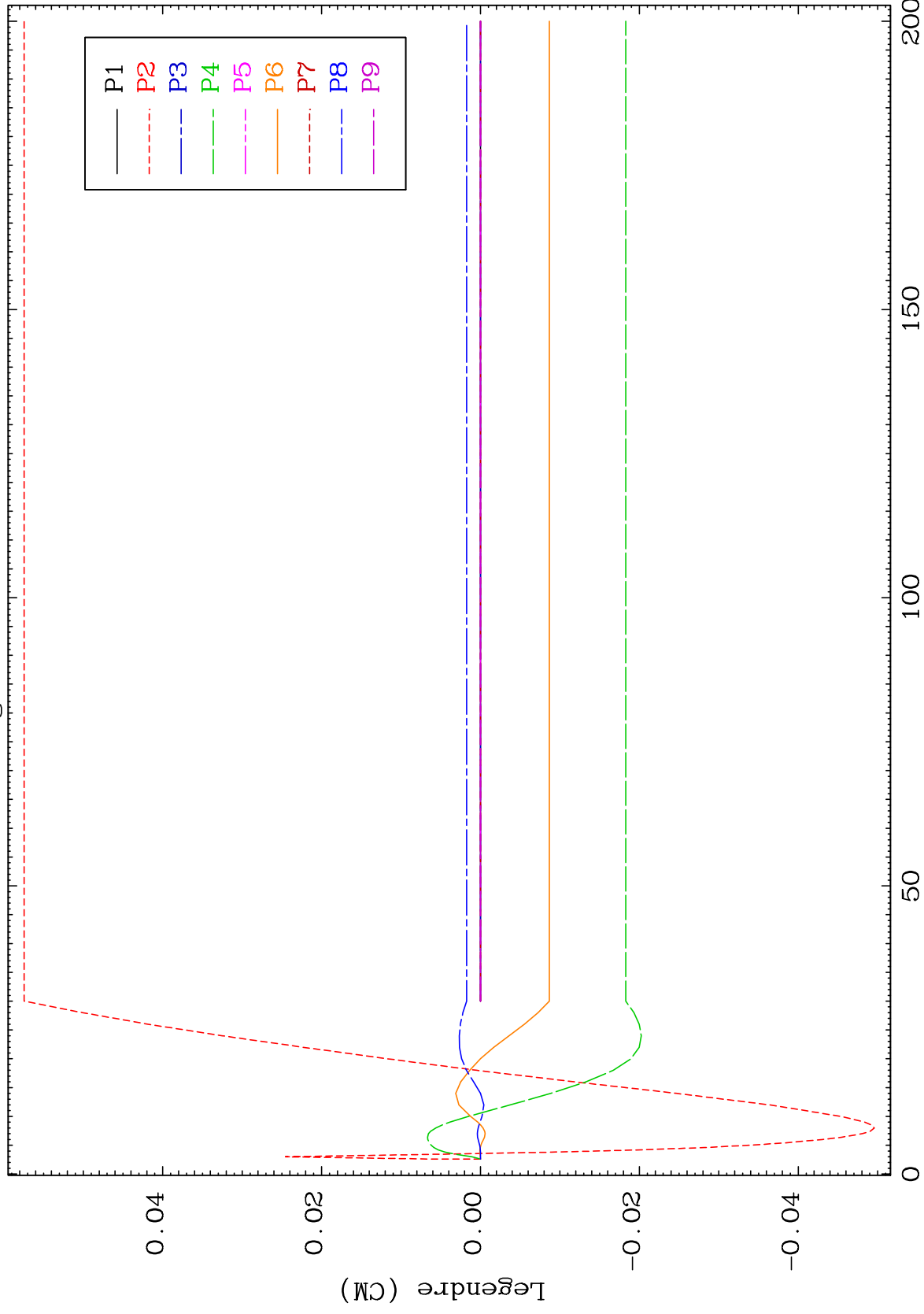




MAT 4831

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

48-Cd-108



77

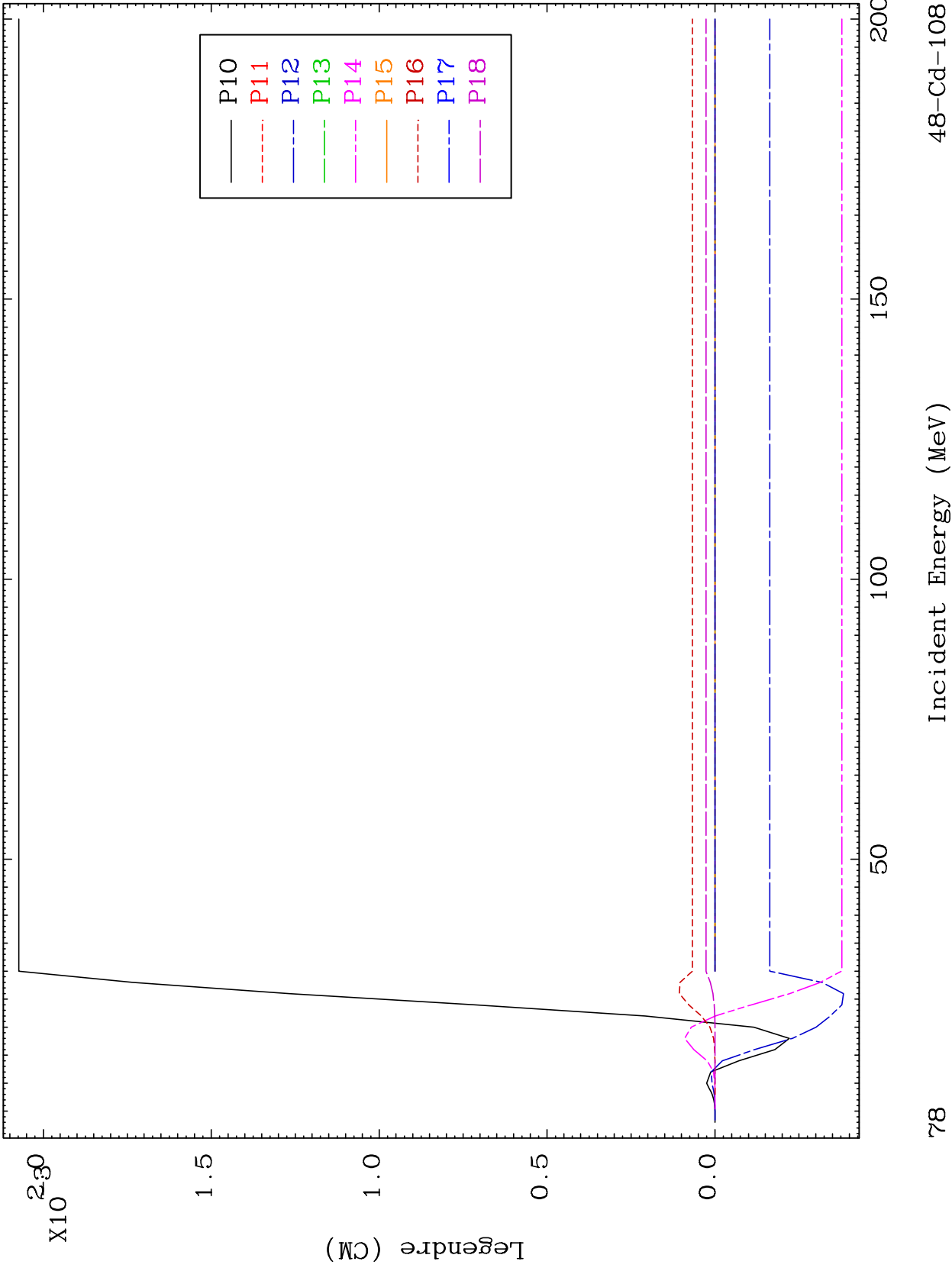
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

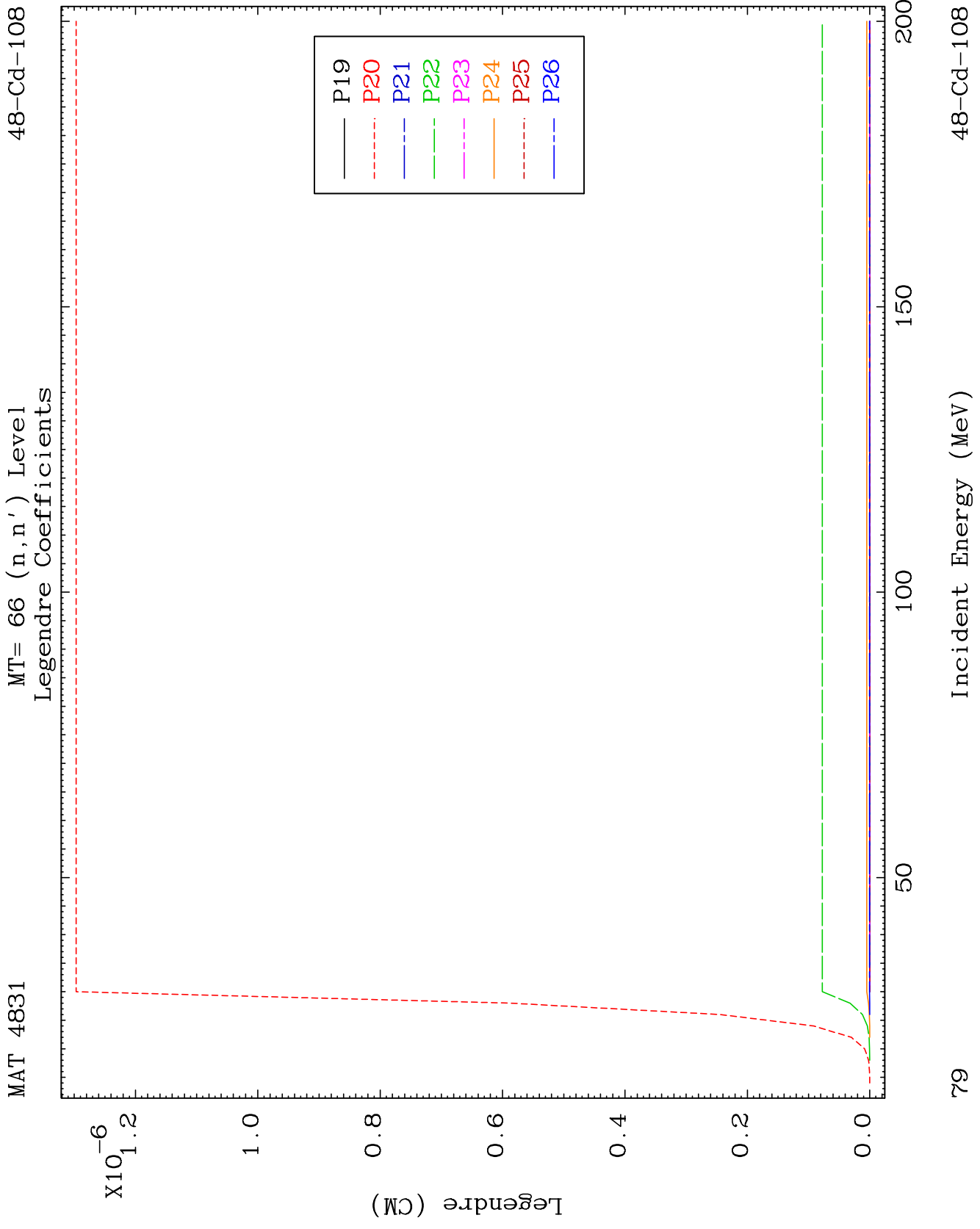
48-Cd-108



78

Incident Energy (MeV)

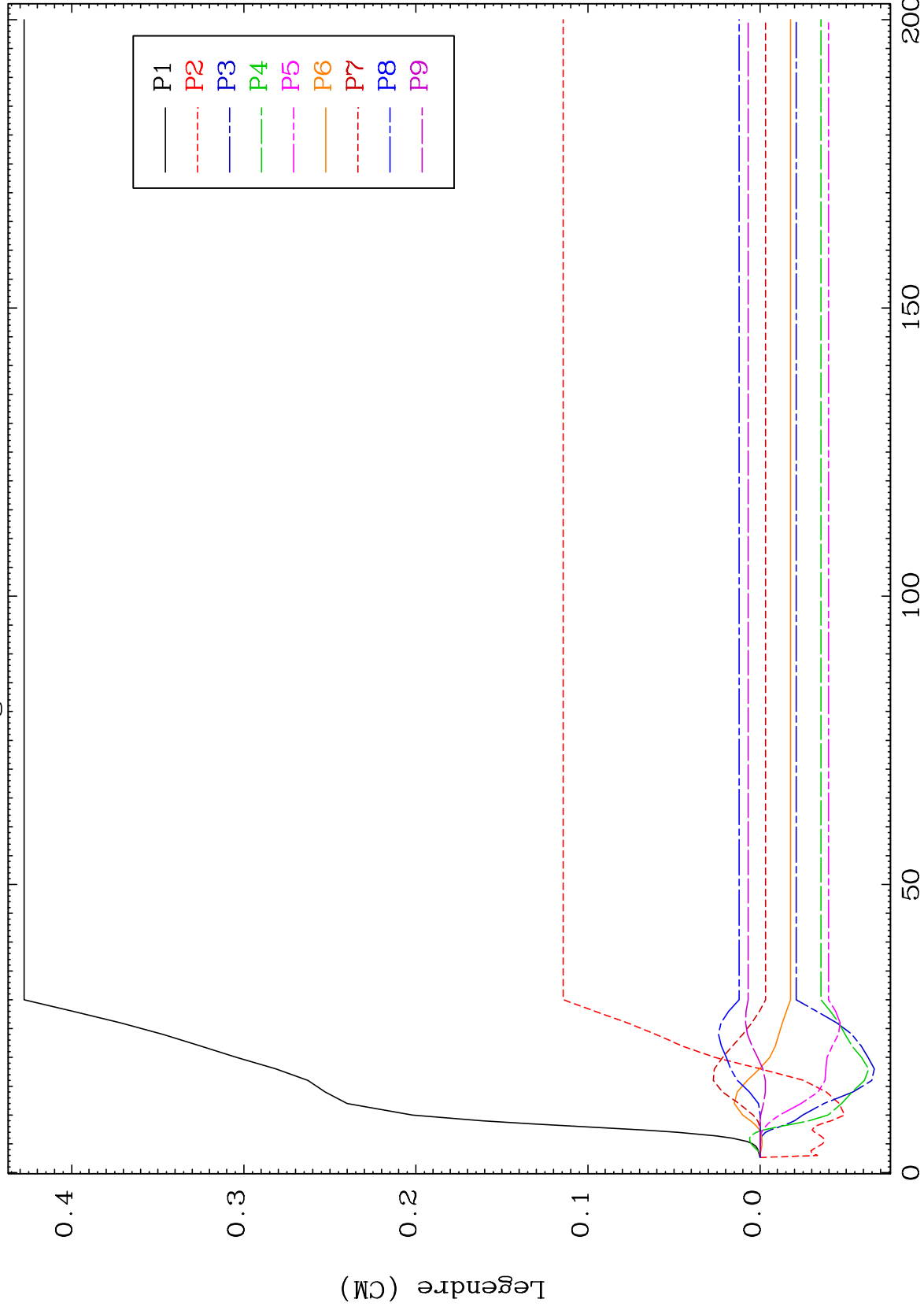
48-Cd-108



MAT 4831

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

48-Cd-108



80

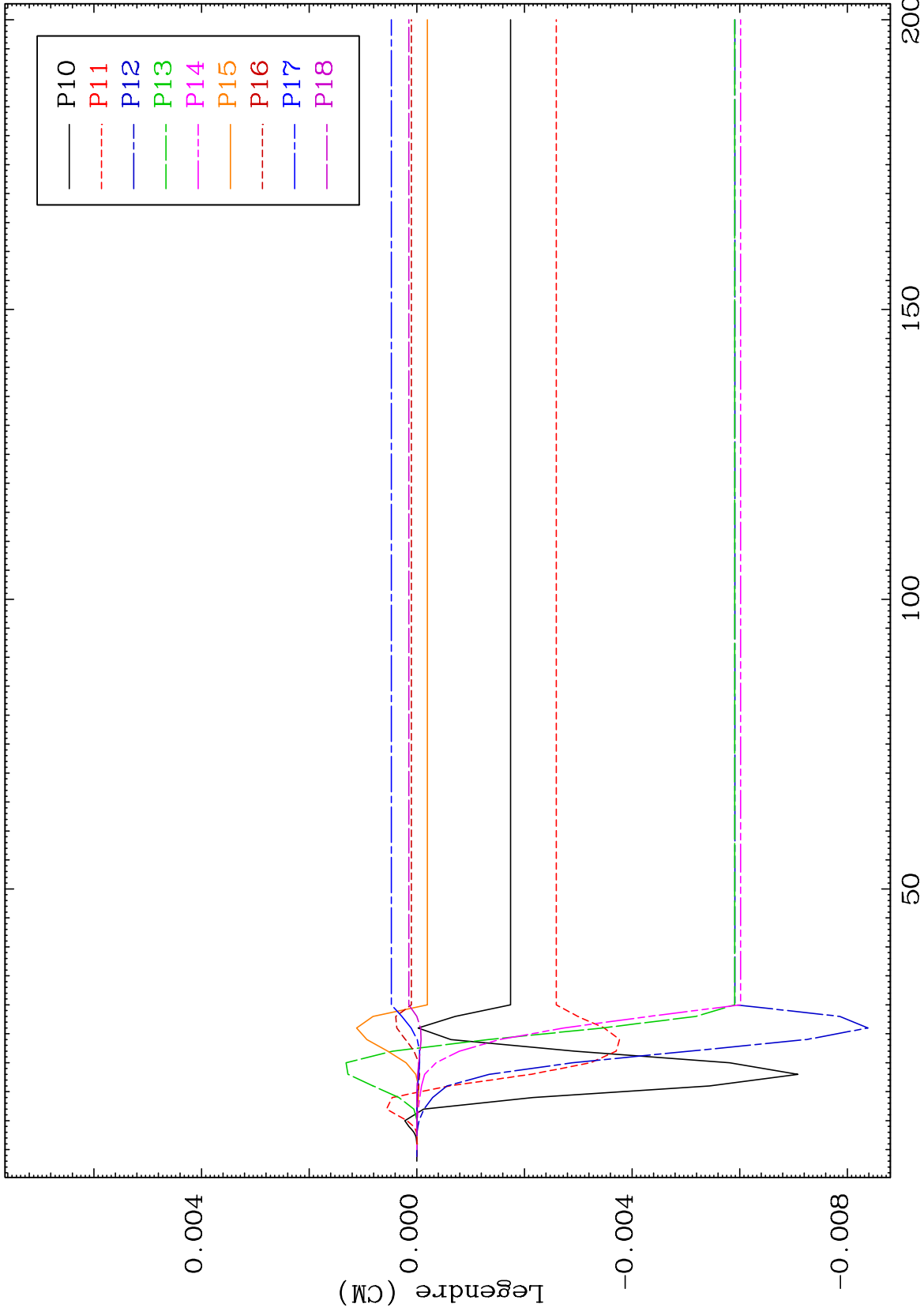
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



81

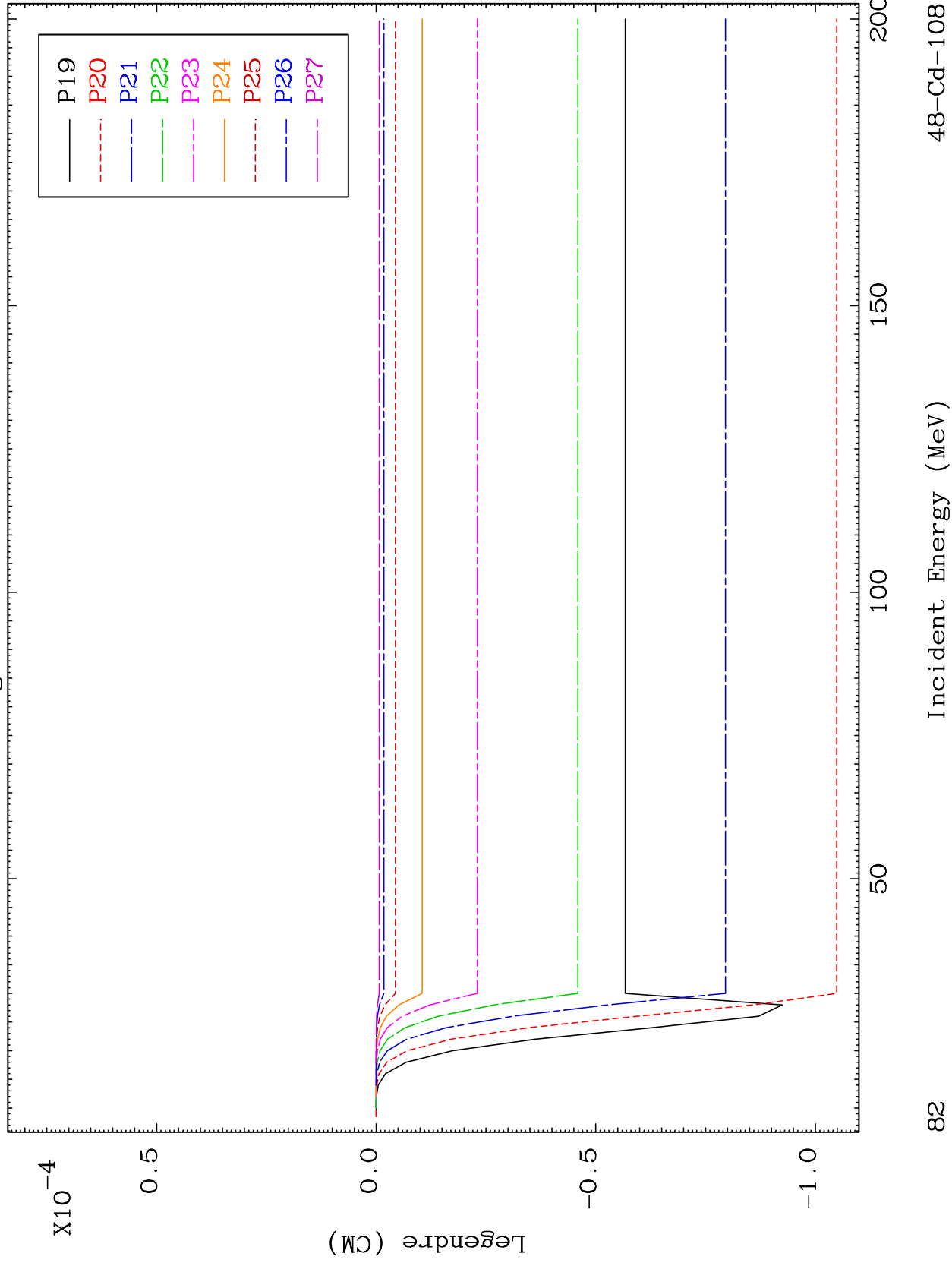
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

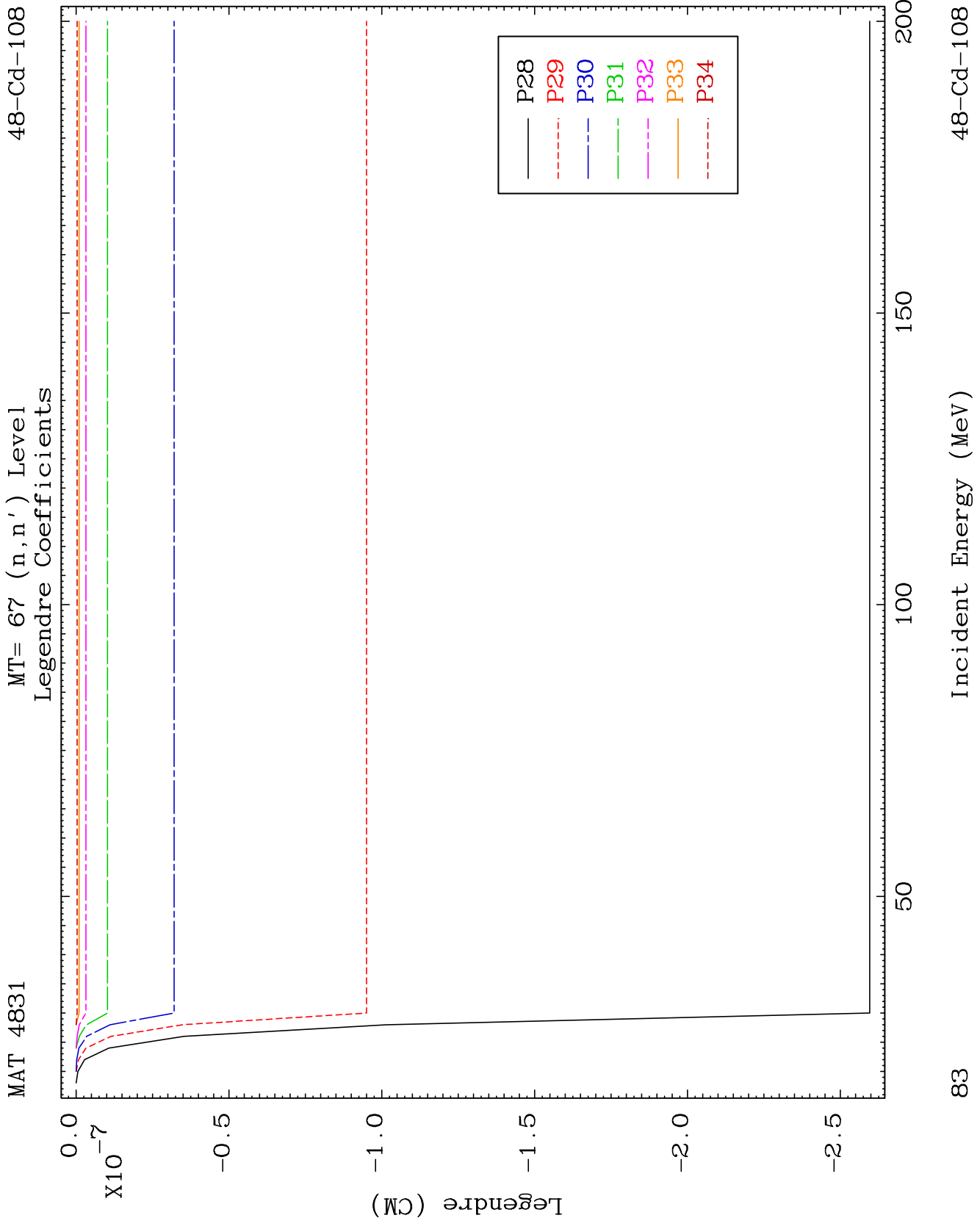
48-Cd-108



82

Incident Energy (MeV)

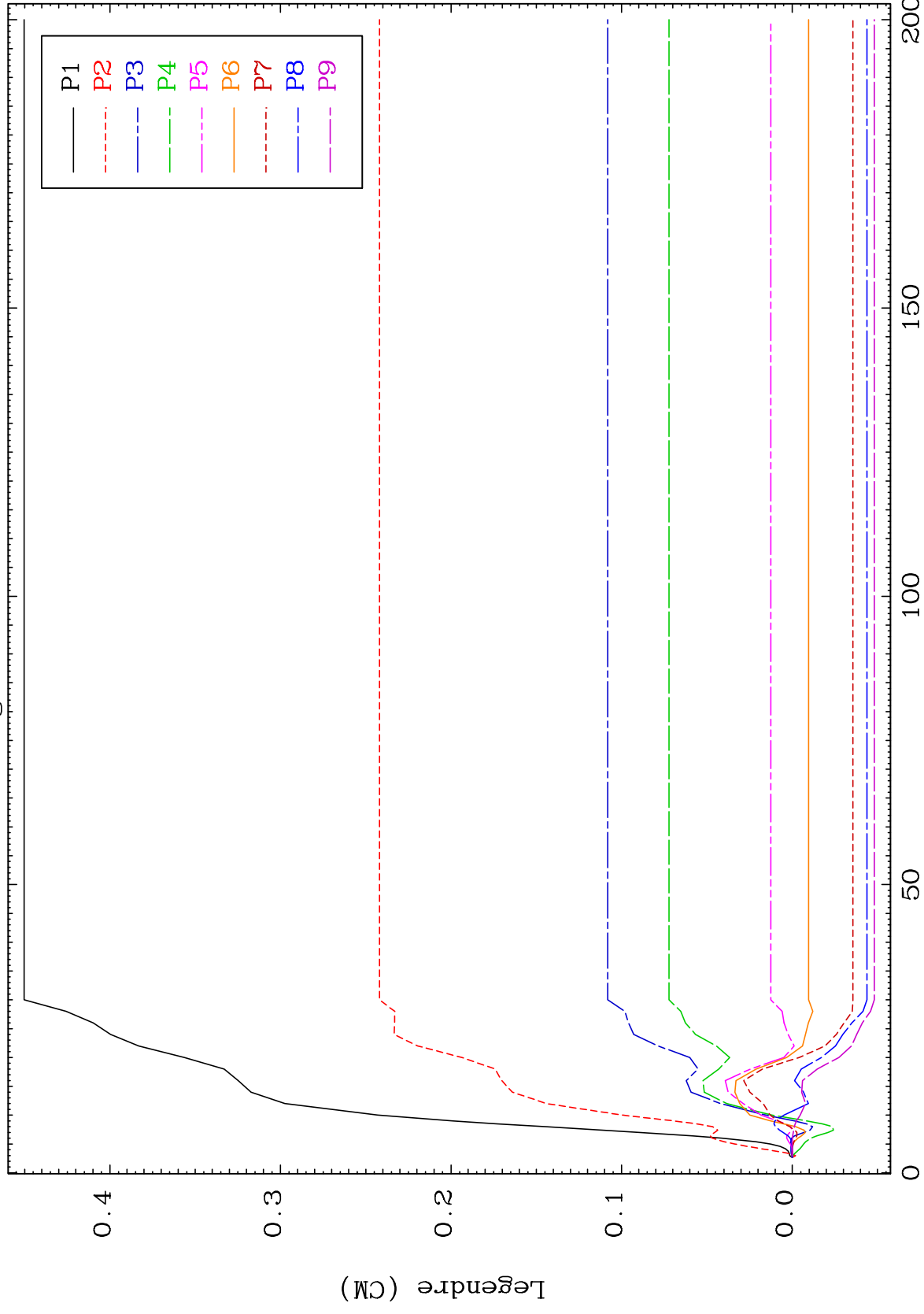
48-Cd-108



MAT 4831

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

48-Cd-108



84

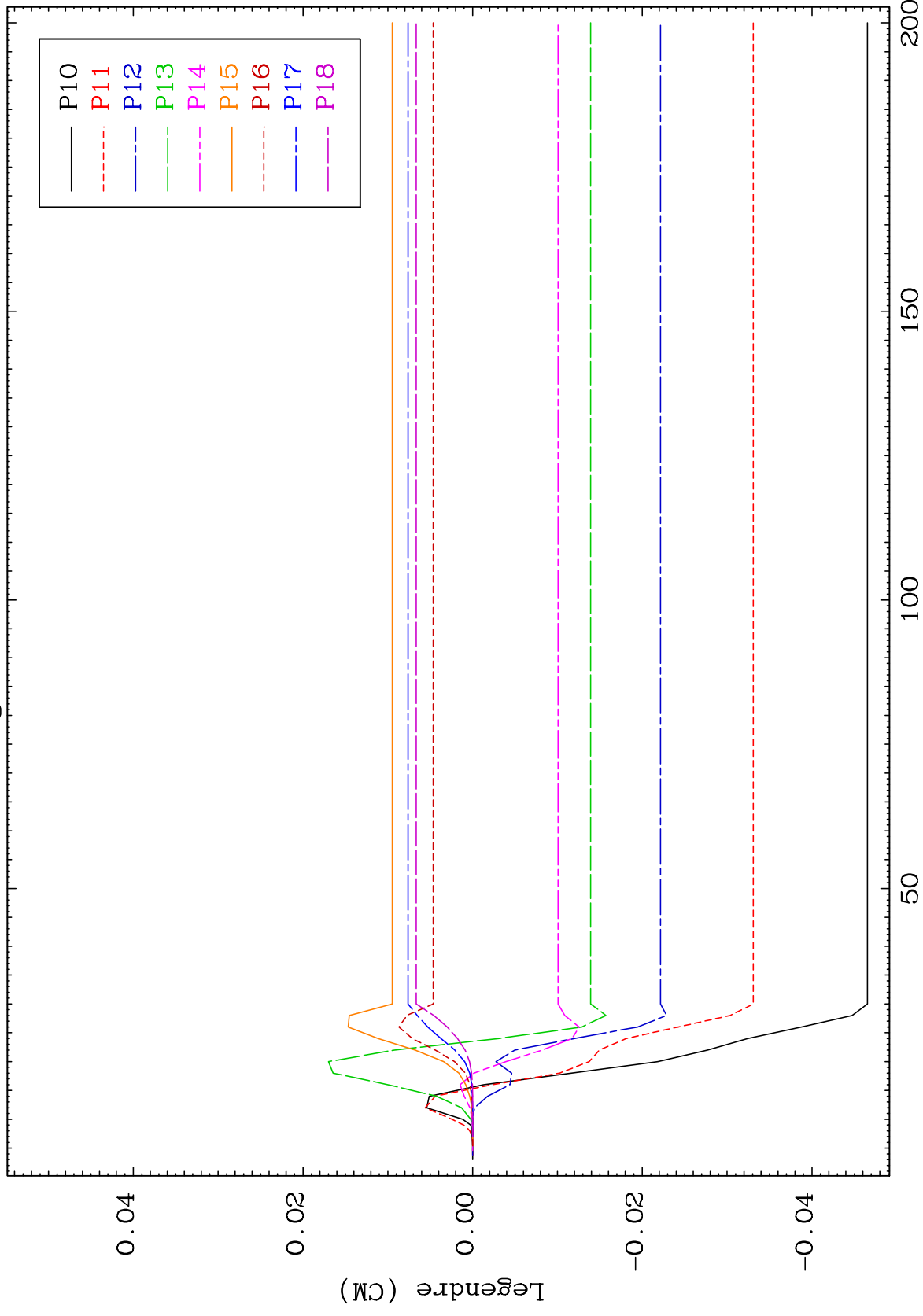
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

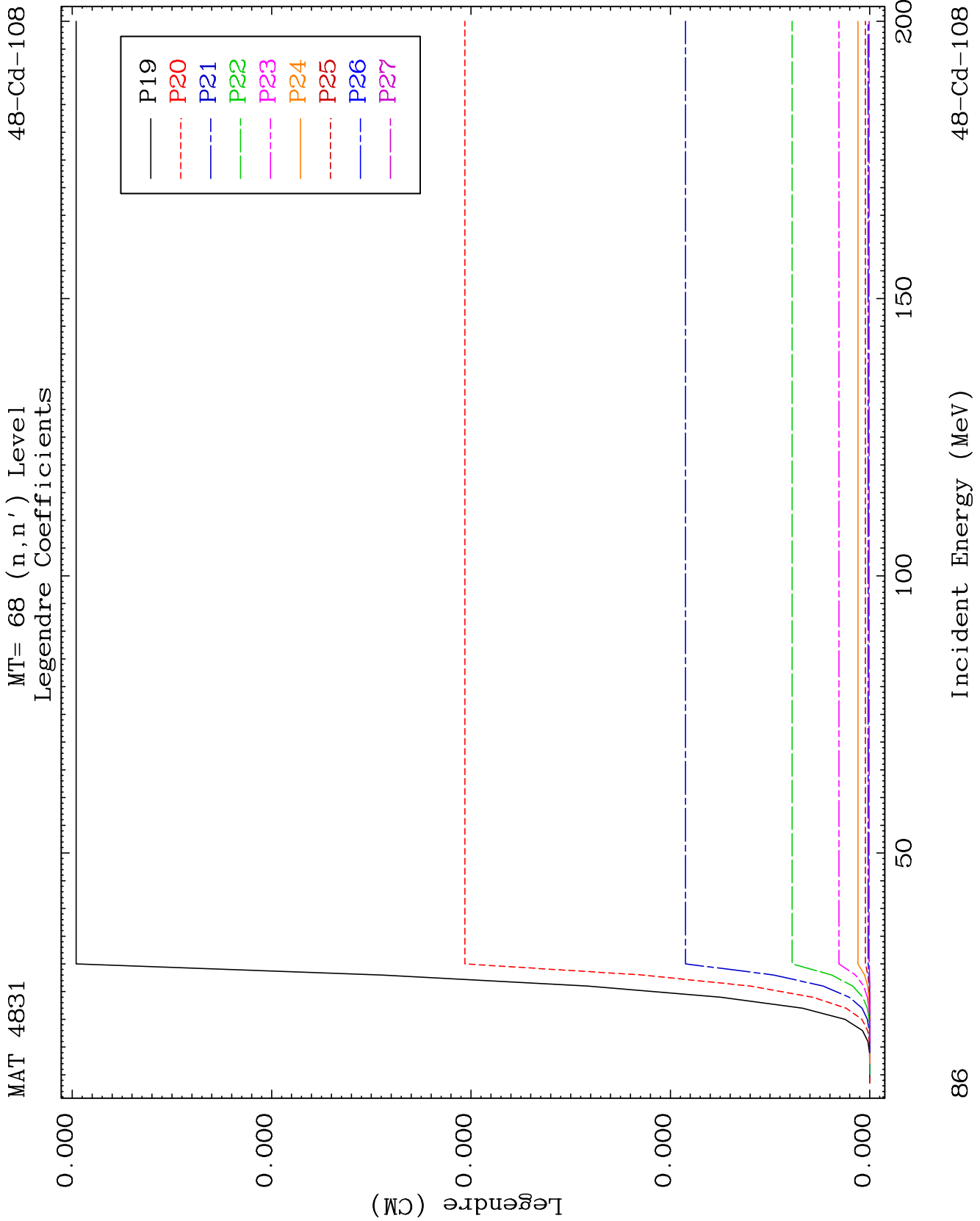
48-Cd-108



85

Incident Energy (MeV)

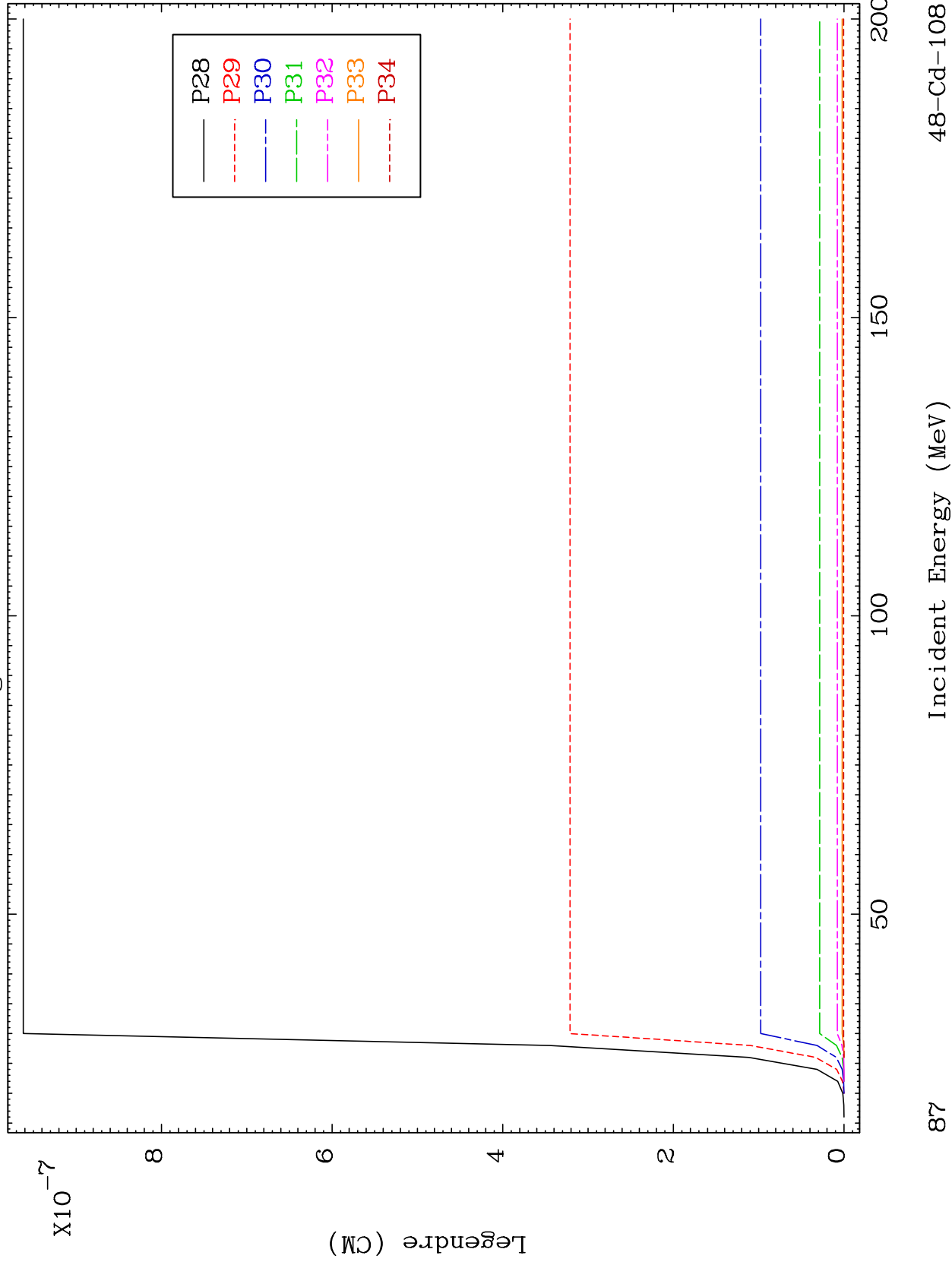
48-Cd-108



MAT 4831

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

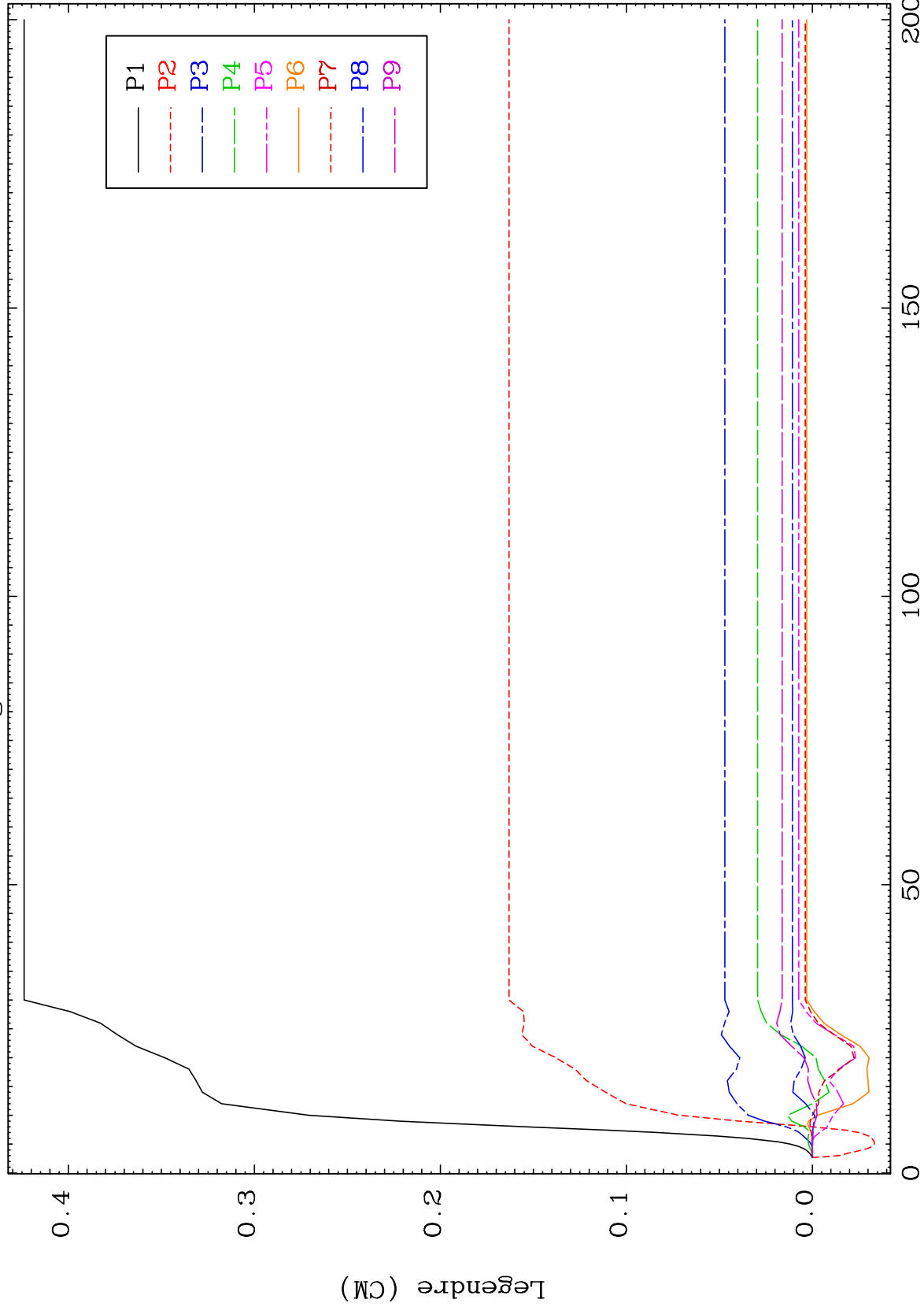
48-Cd-108



MAT 4831

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

48-Cd-108



48-Cd-108

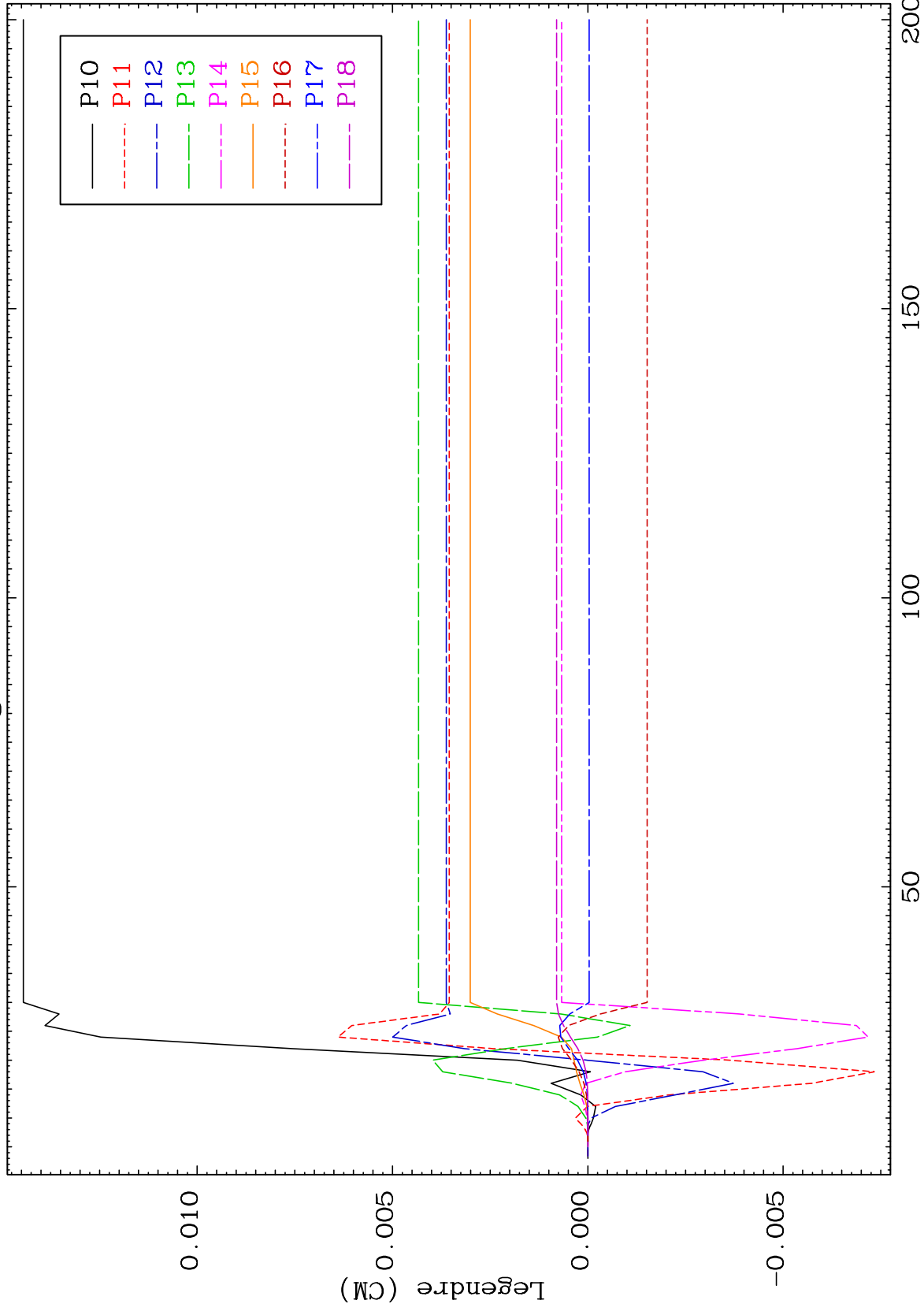
Incident Energy (MeV)

88

MAT 4831

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

48-Cd-108



89

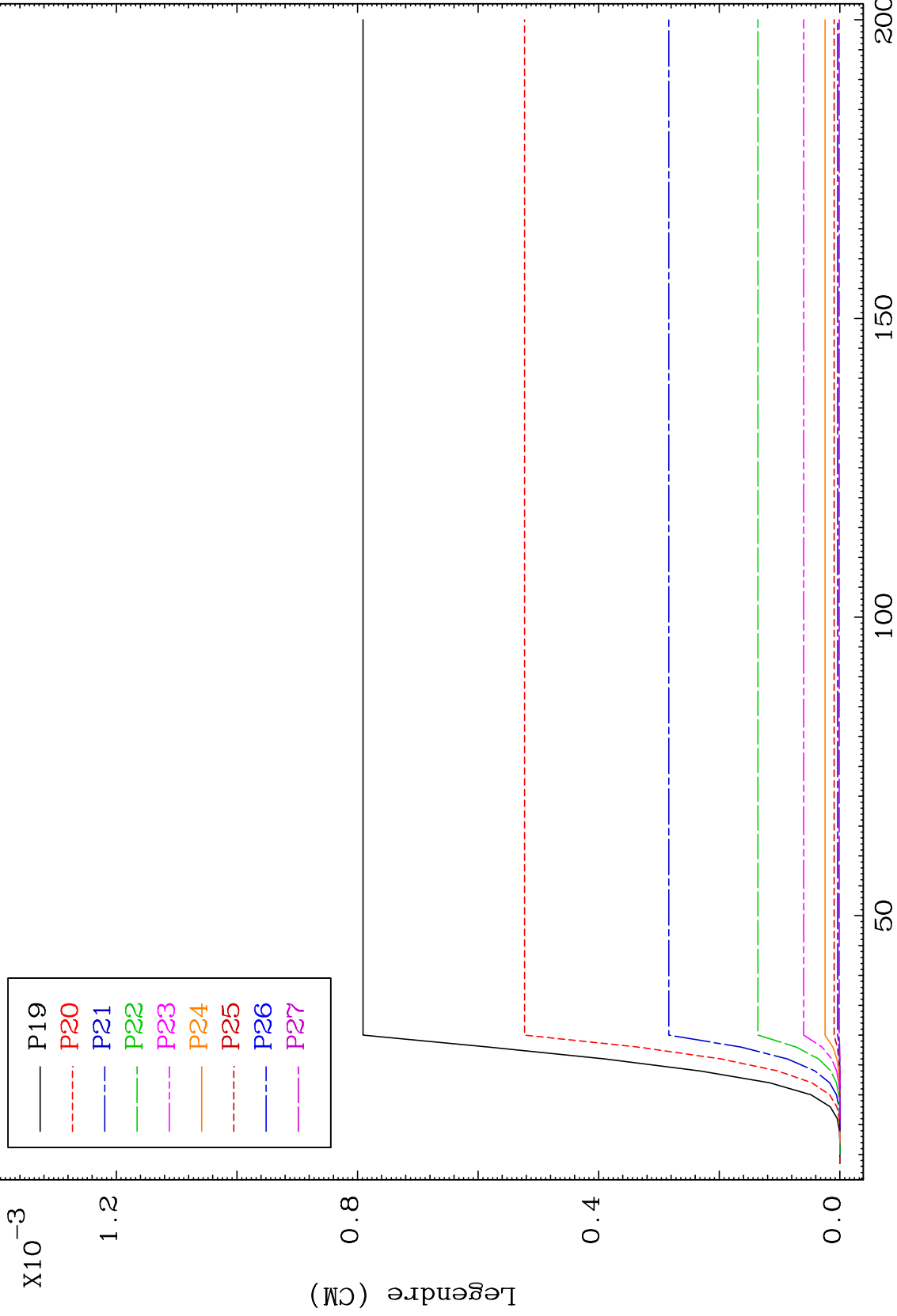
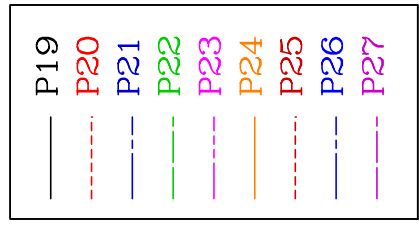
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

48-Cd-108



90

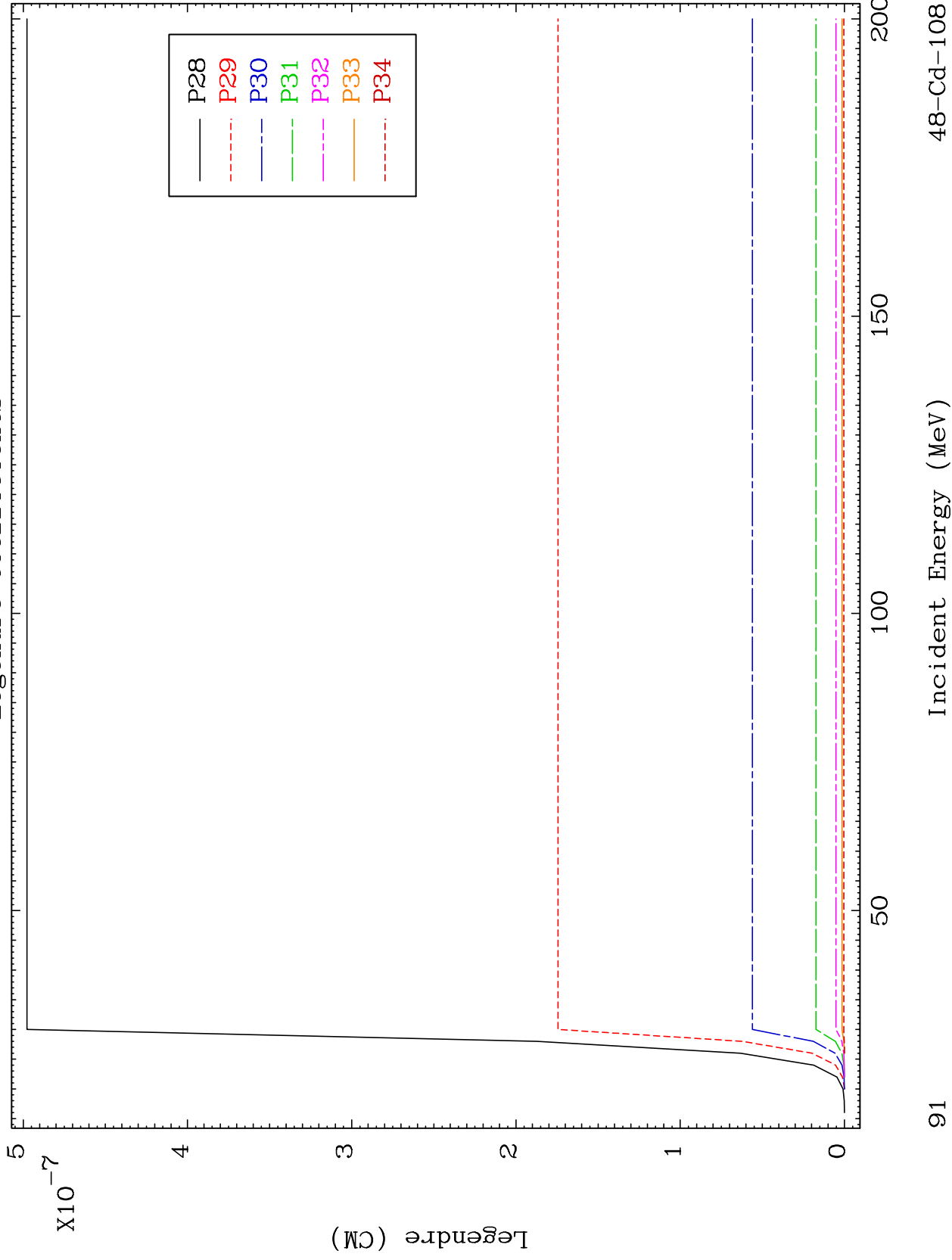
Incident Energy (MeV)

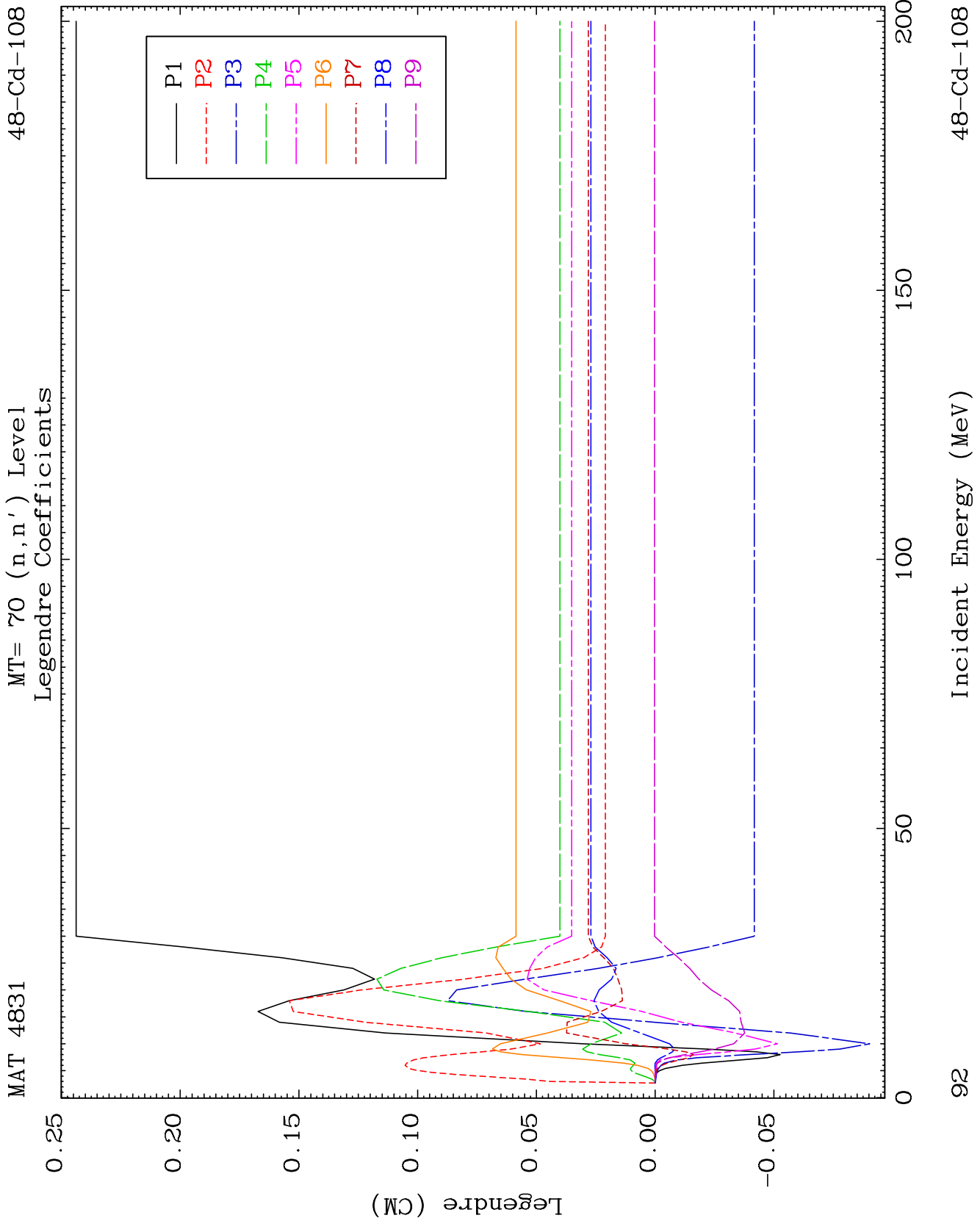
48-Cd-108

MAT 4831

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

48-Cd-108

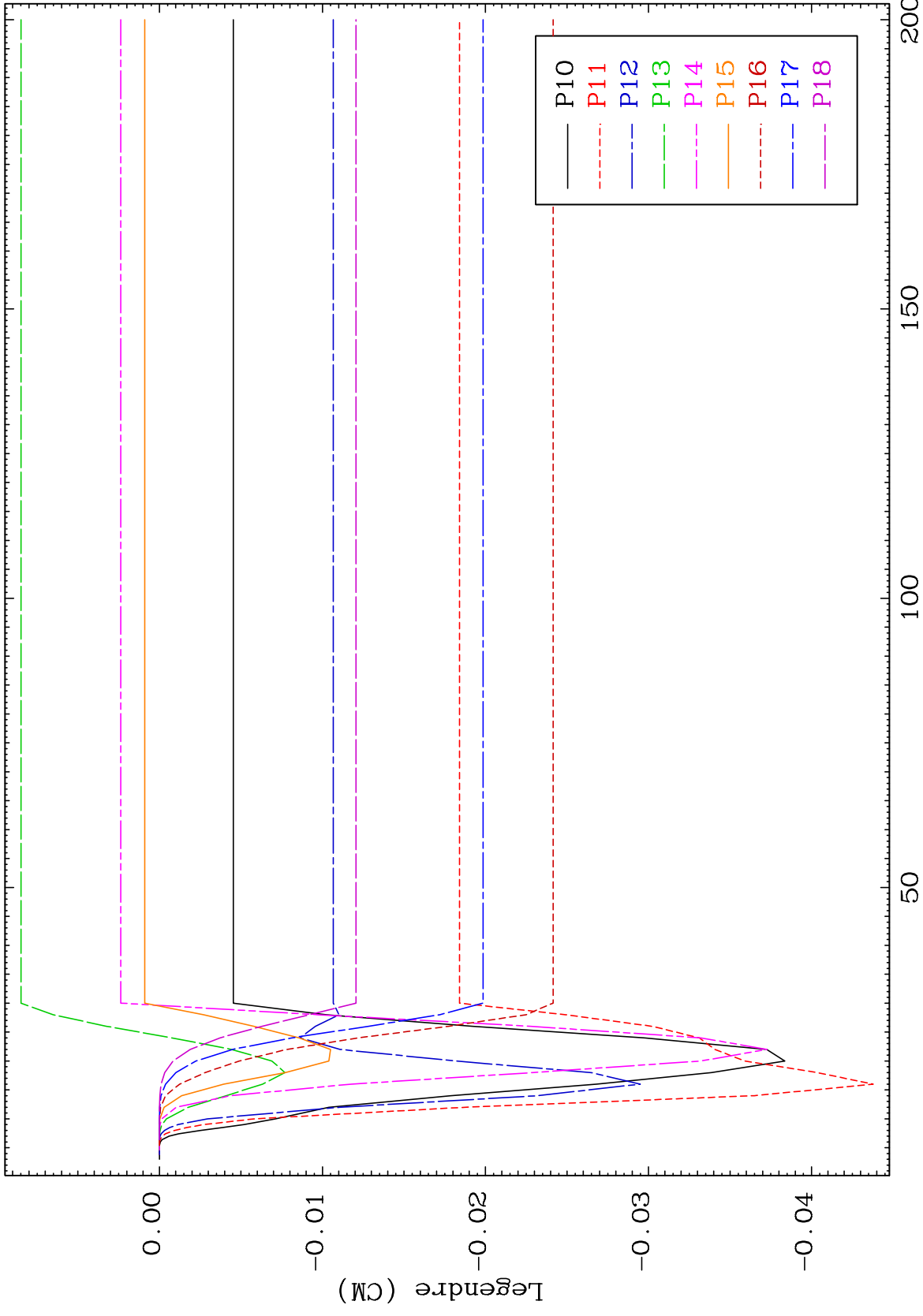




MAT 4831

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

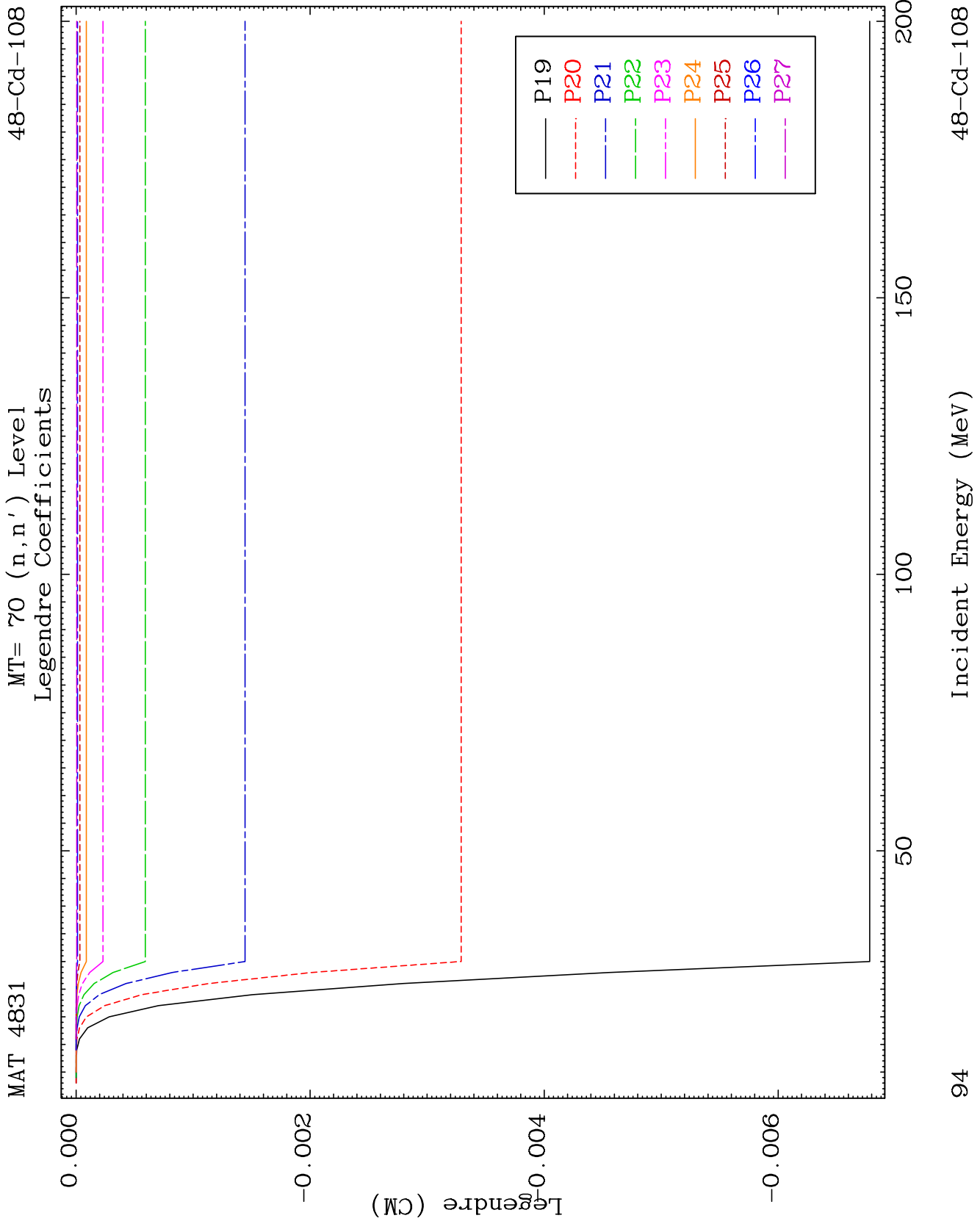
48-Cd-108

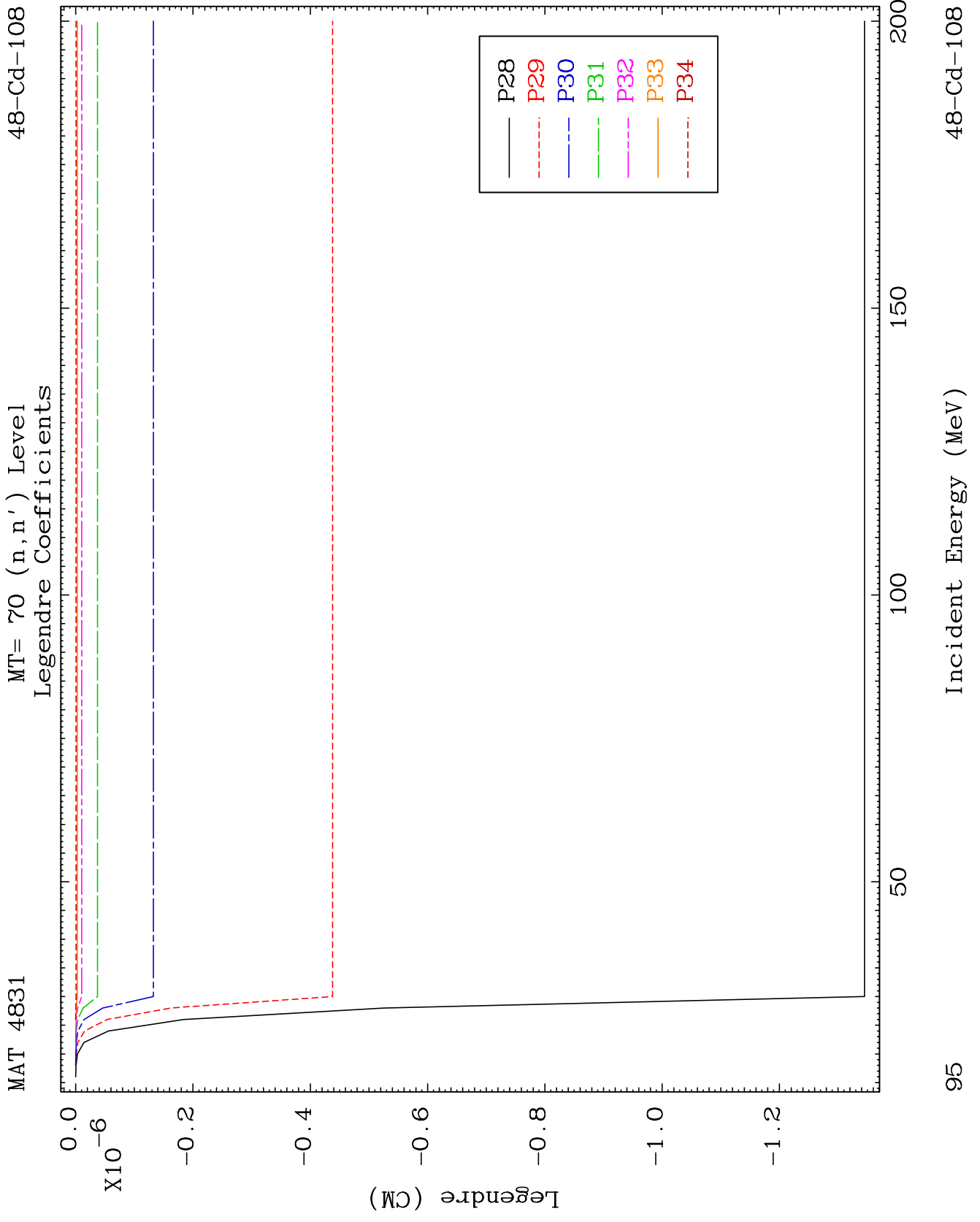


93

Incident Energy (MeV)

48-Cd-108

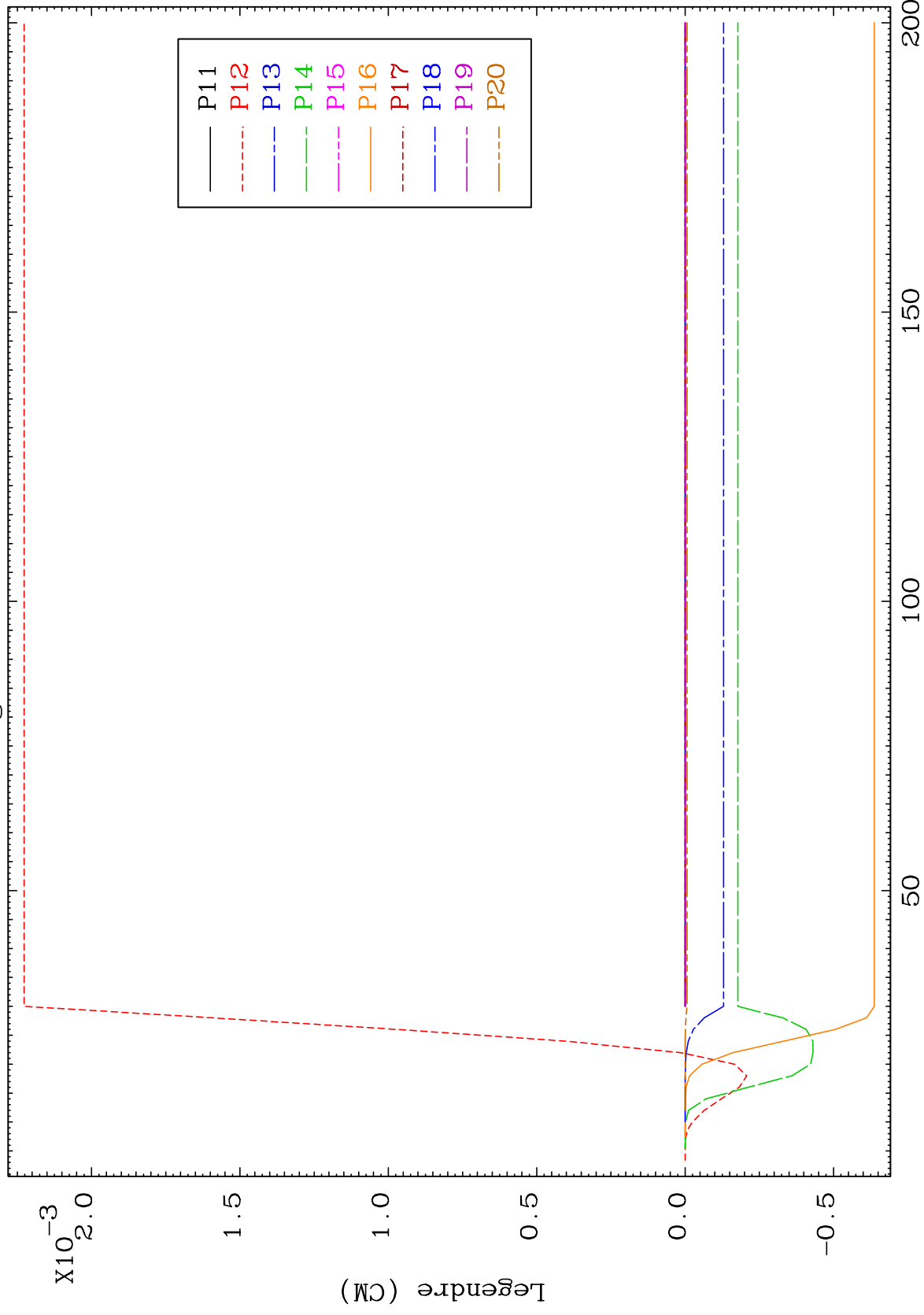




MAT 4831

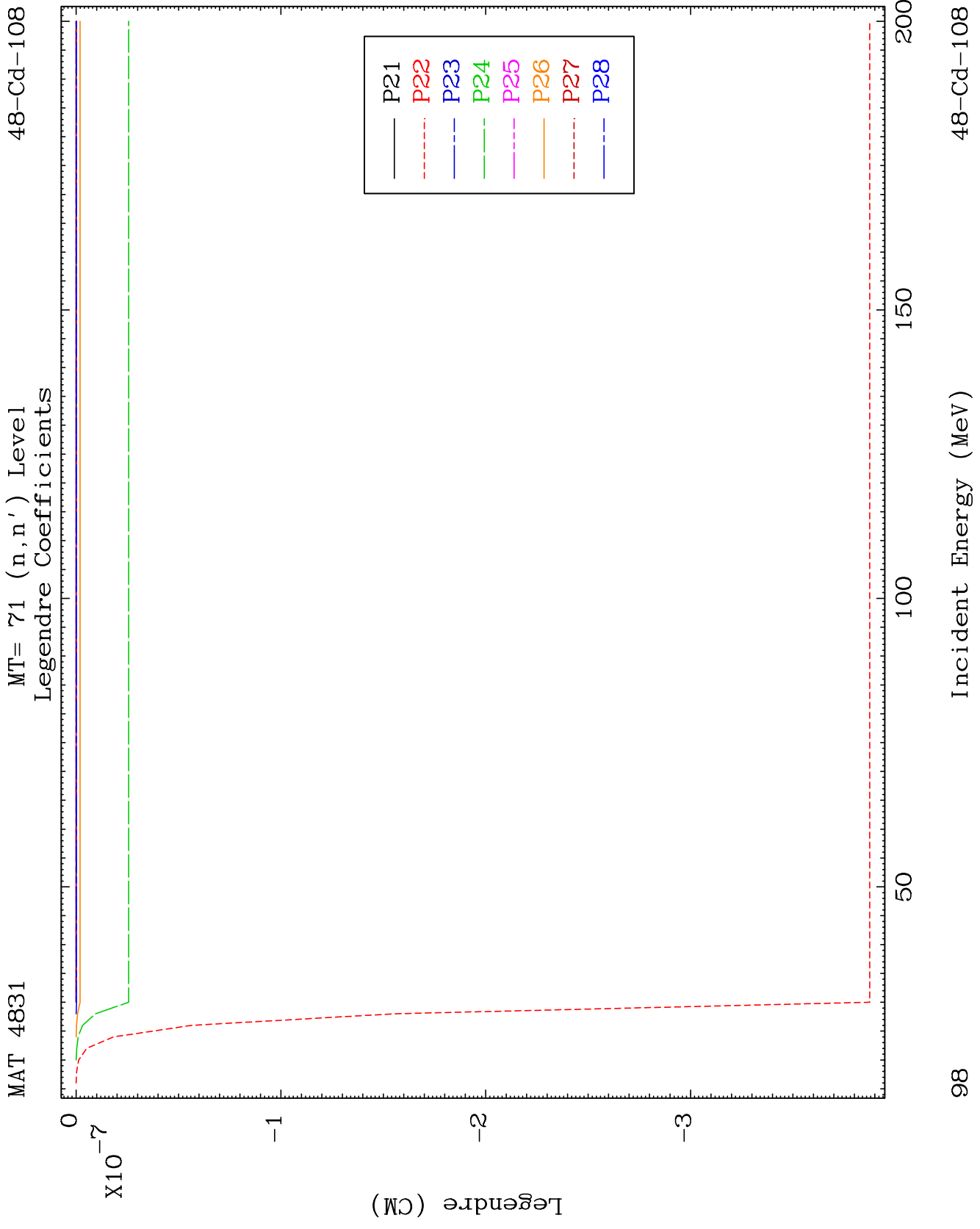
MT= 71 (n,n') Level
Legendre Coefficients

48-Cd-108



97

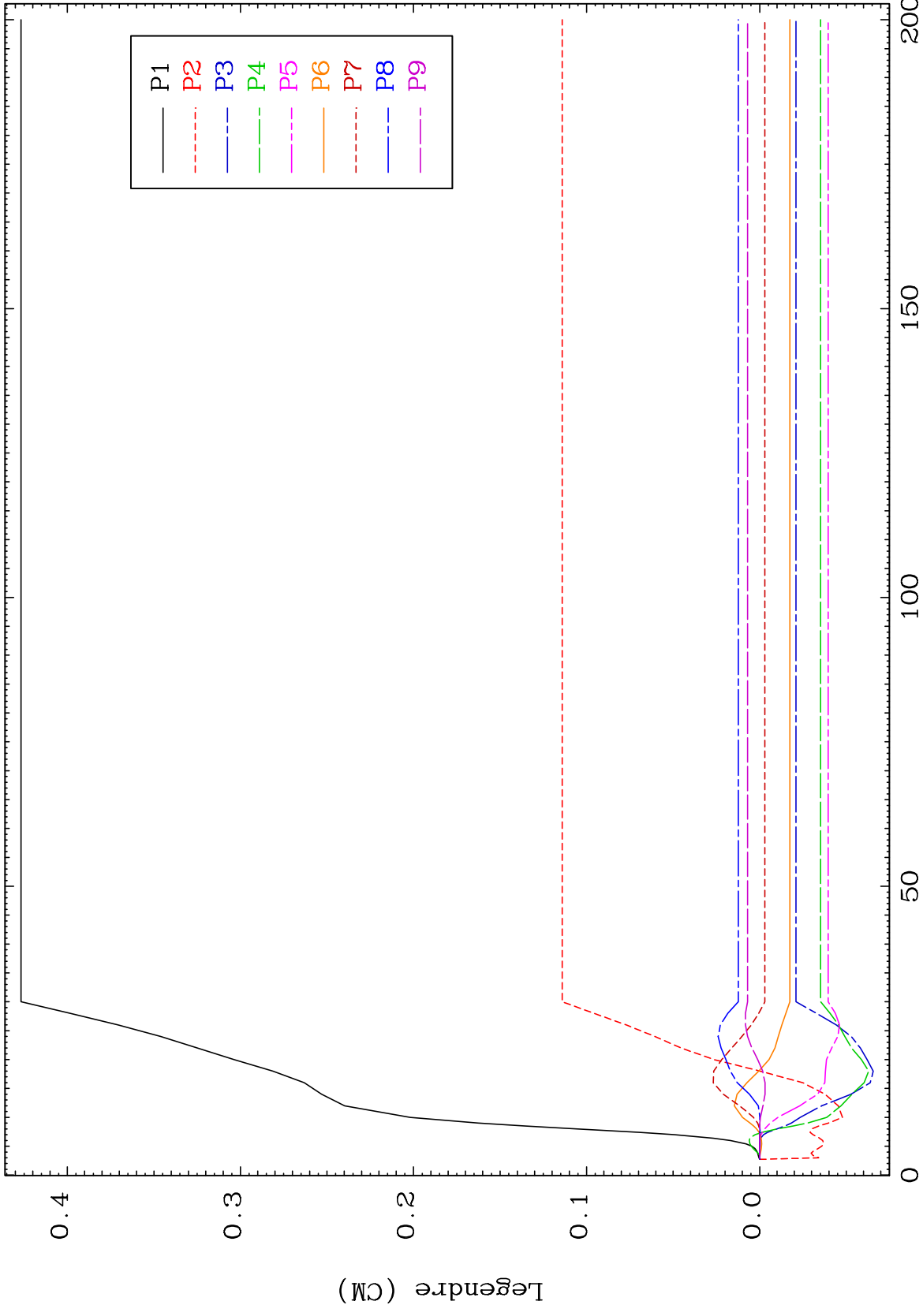
48-Cd-108



MAT 4831

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

48-Cd-108



99

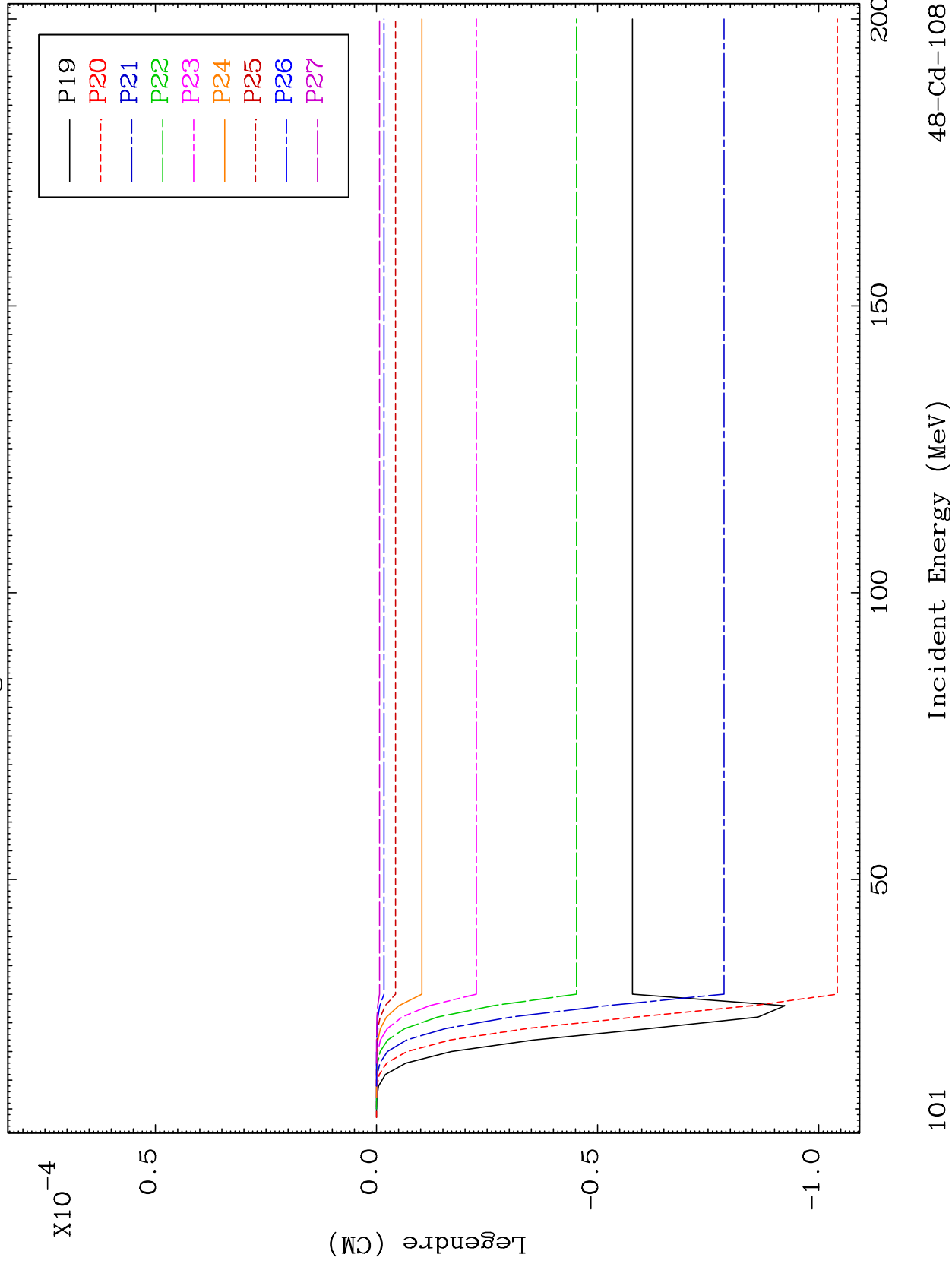
Incident Energy (MeV)

48-Cd-108

MAT 4831

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

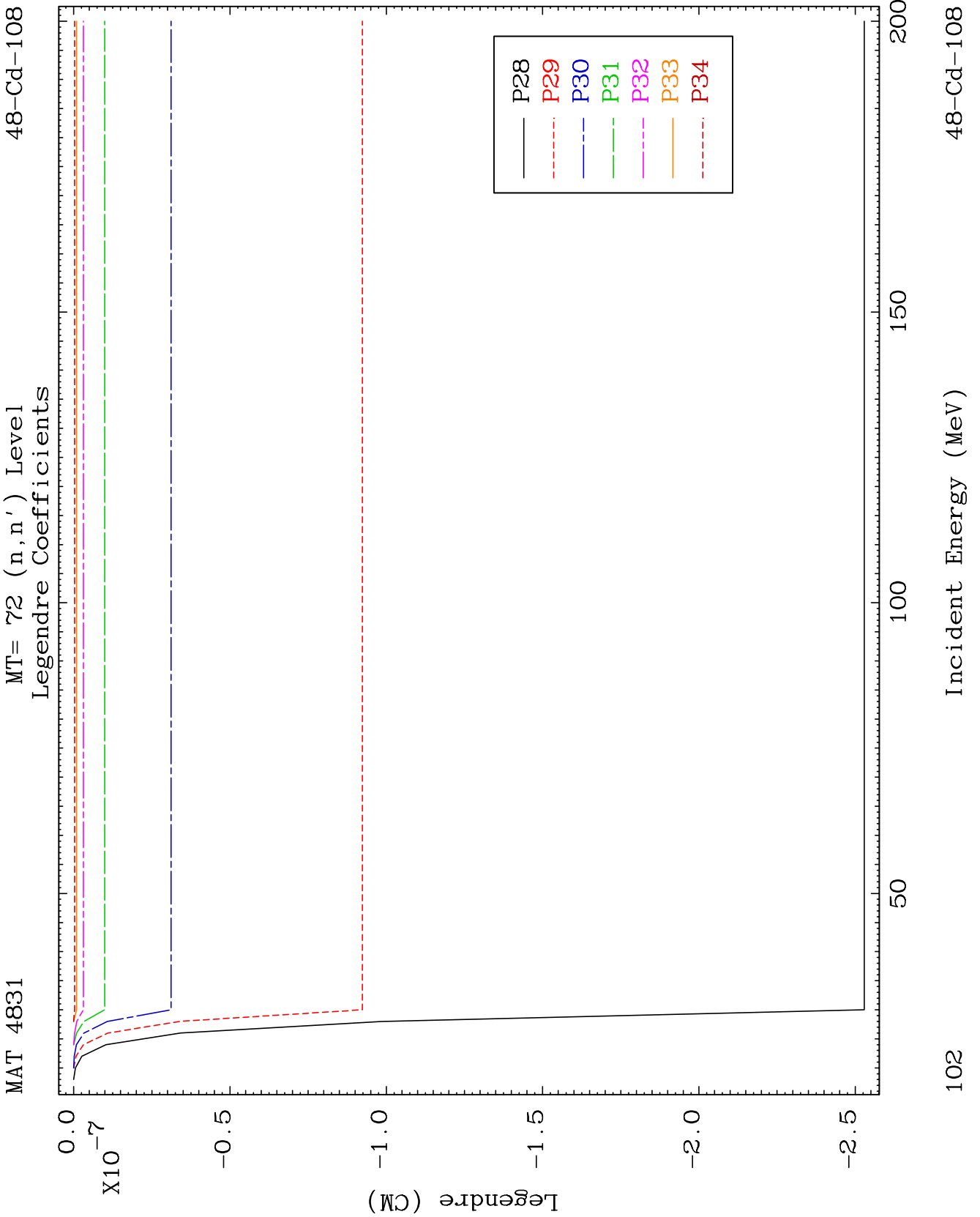
48-Cd-108



101

Incident Energy (MeV)

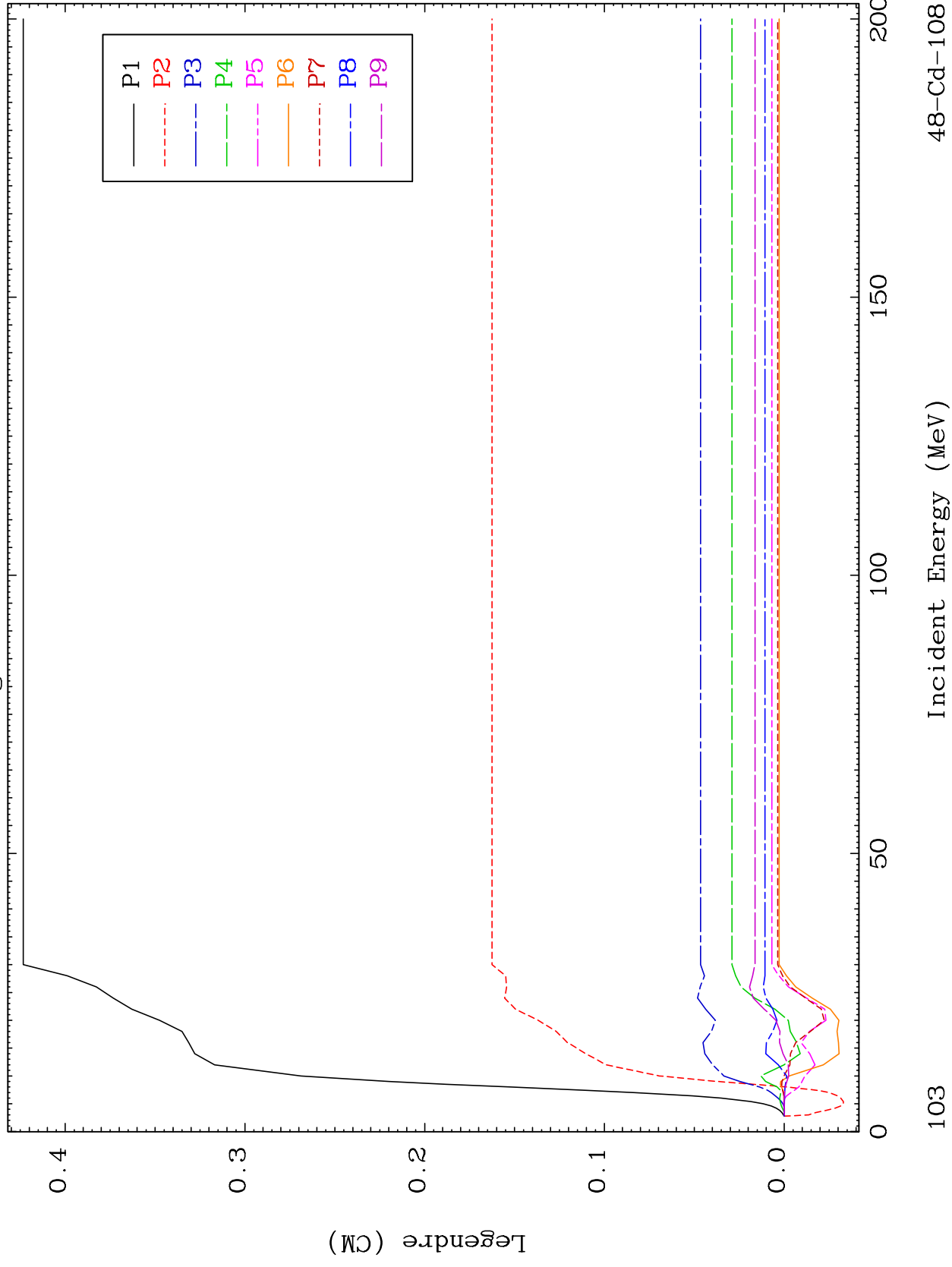
48-Cd-108



MAT 4831

MT= 73 (n,n') Level
Legendre Coefficients

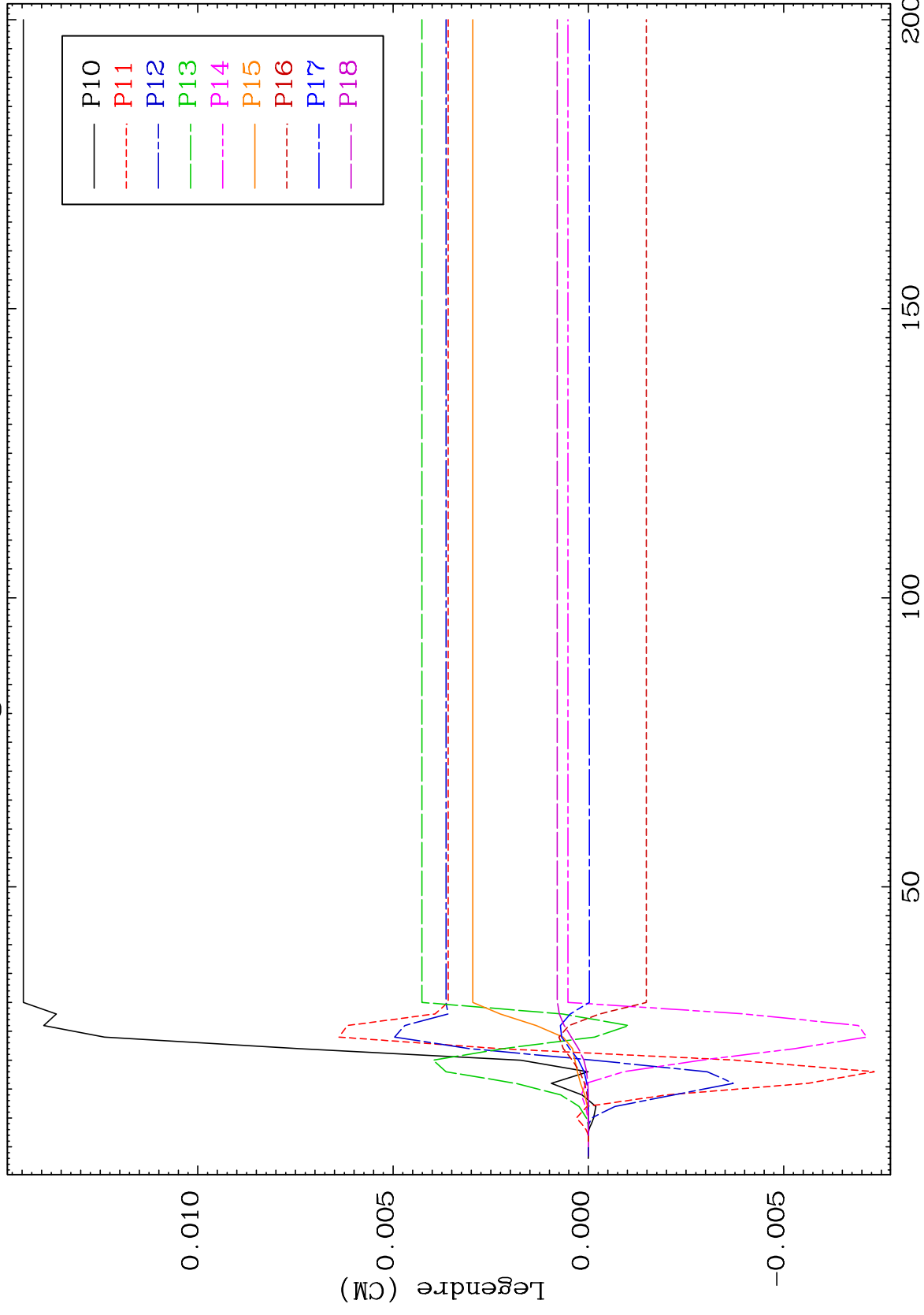
48-Cd-108



MAT 4831

MT= 73 (n,n') Level
Legendre Coefficients

48-Cd-108



104

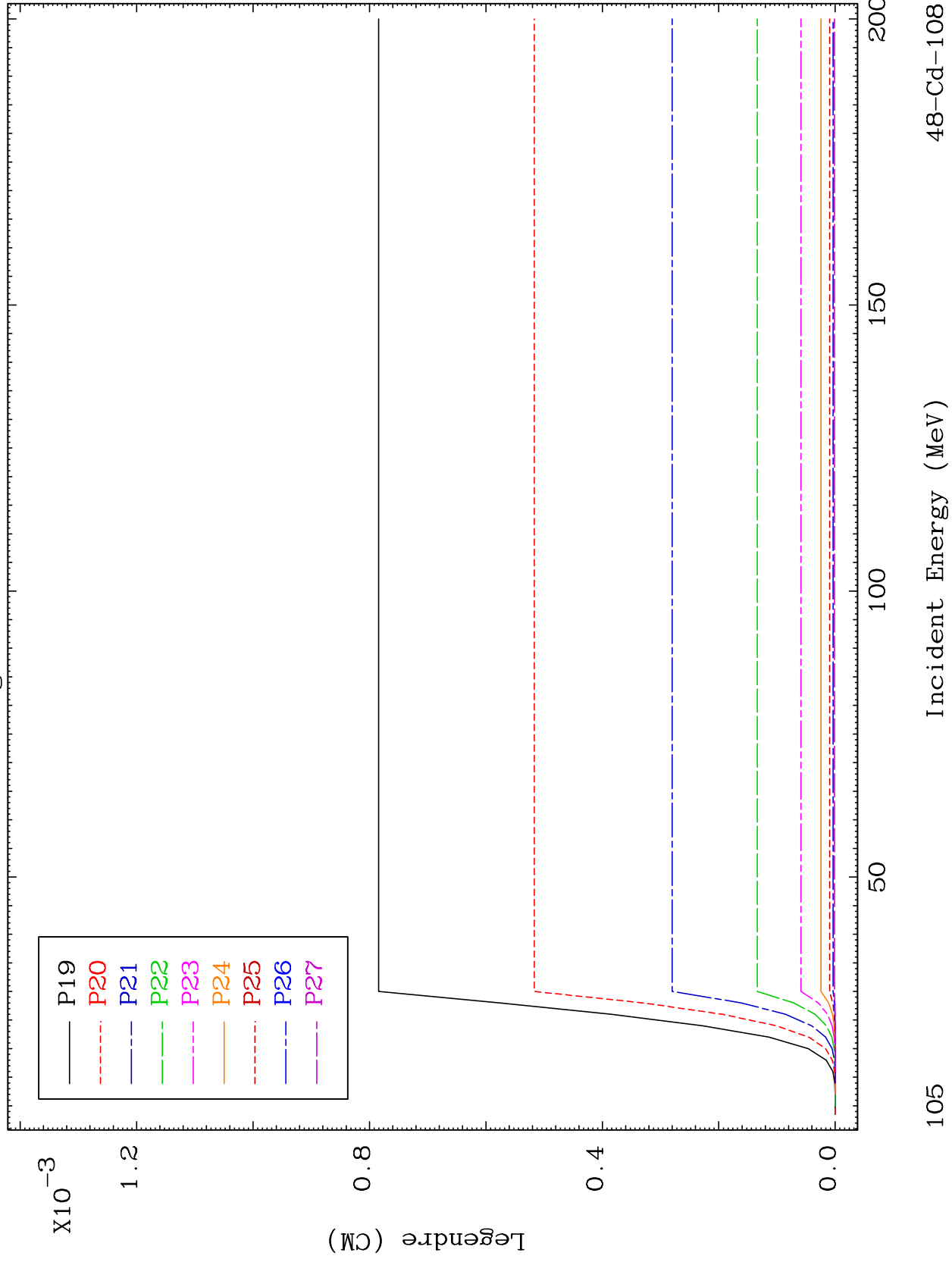
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 73 (n,n') Level
Legendre Coefficients

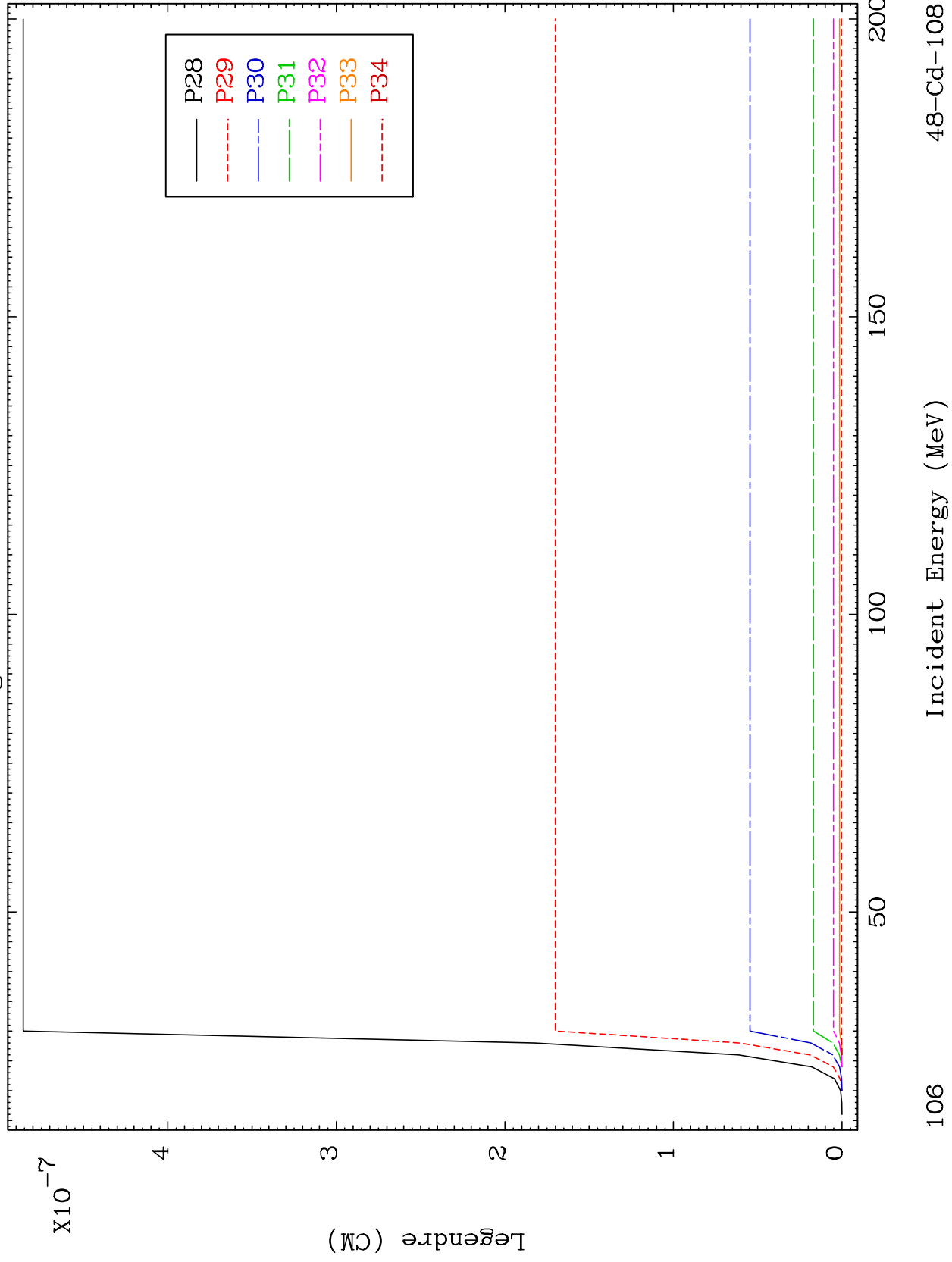
48-Cd-108



MAT 4831

MT= 73 (n,n') Level
Legendre Coefficients

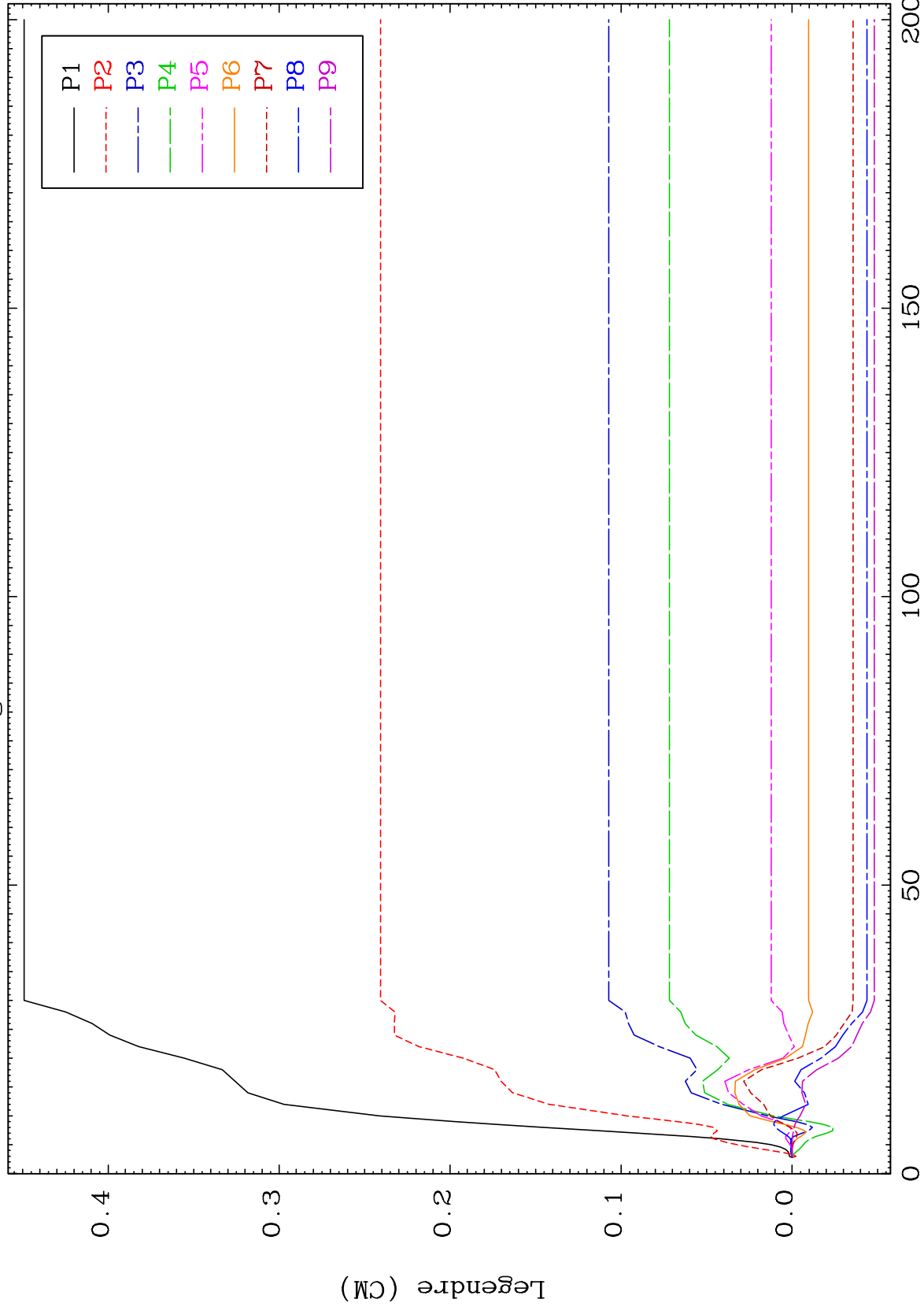
48-Cd-108



MAT 4831

MT= 74 (n,n') Level
Legendre Coefficients

48-Cd-108



107

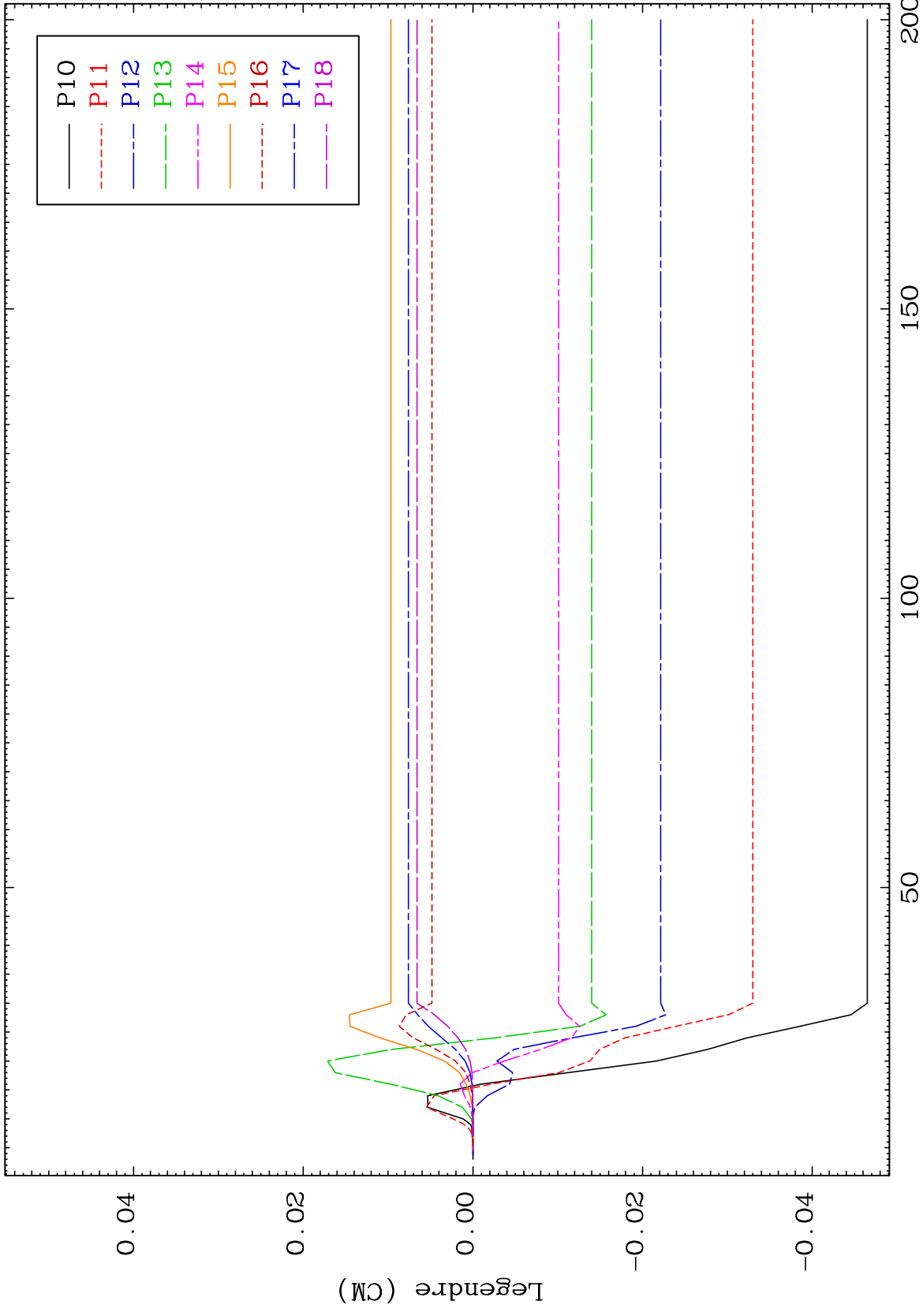
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 74 (n,n') Level
Legendre Coefficients

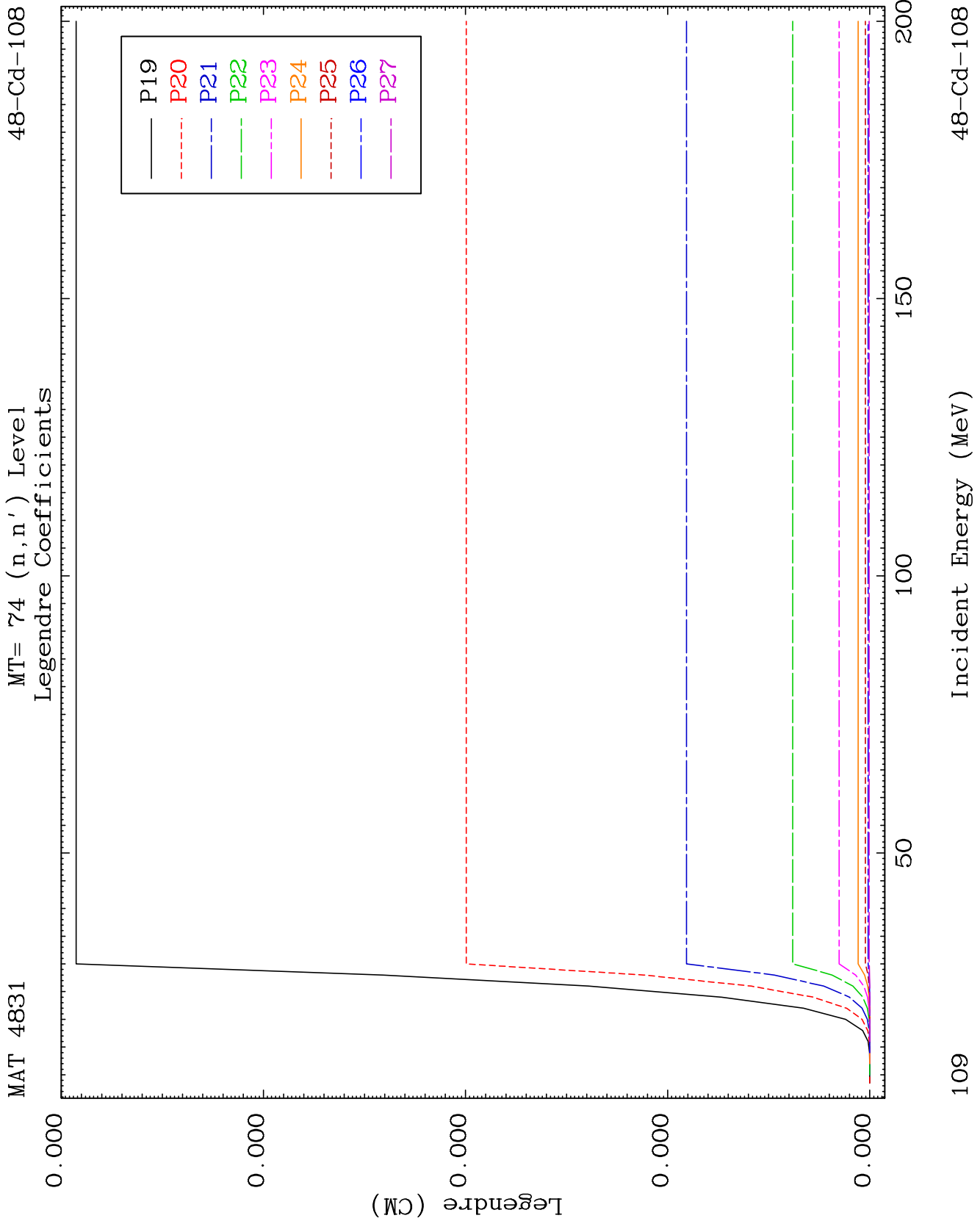
48-Cd-108



108

Incident Energy (MeV)

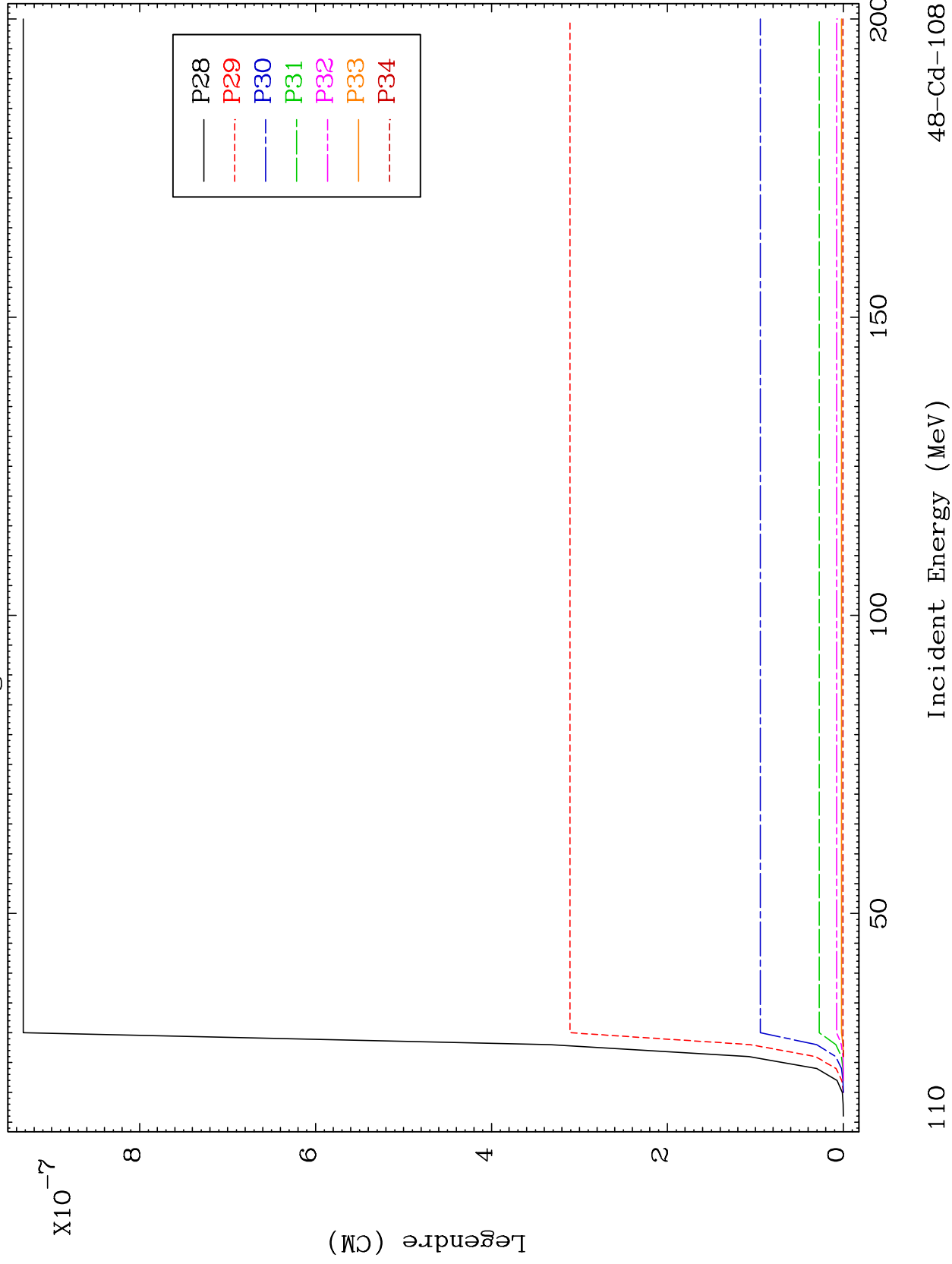
48-Cd-108



MAT 4831

MT= 74 (n,n') Level
Legendre Coefficients

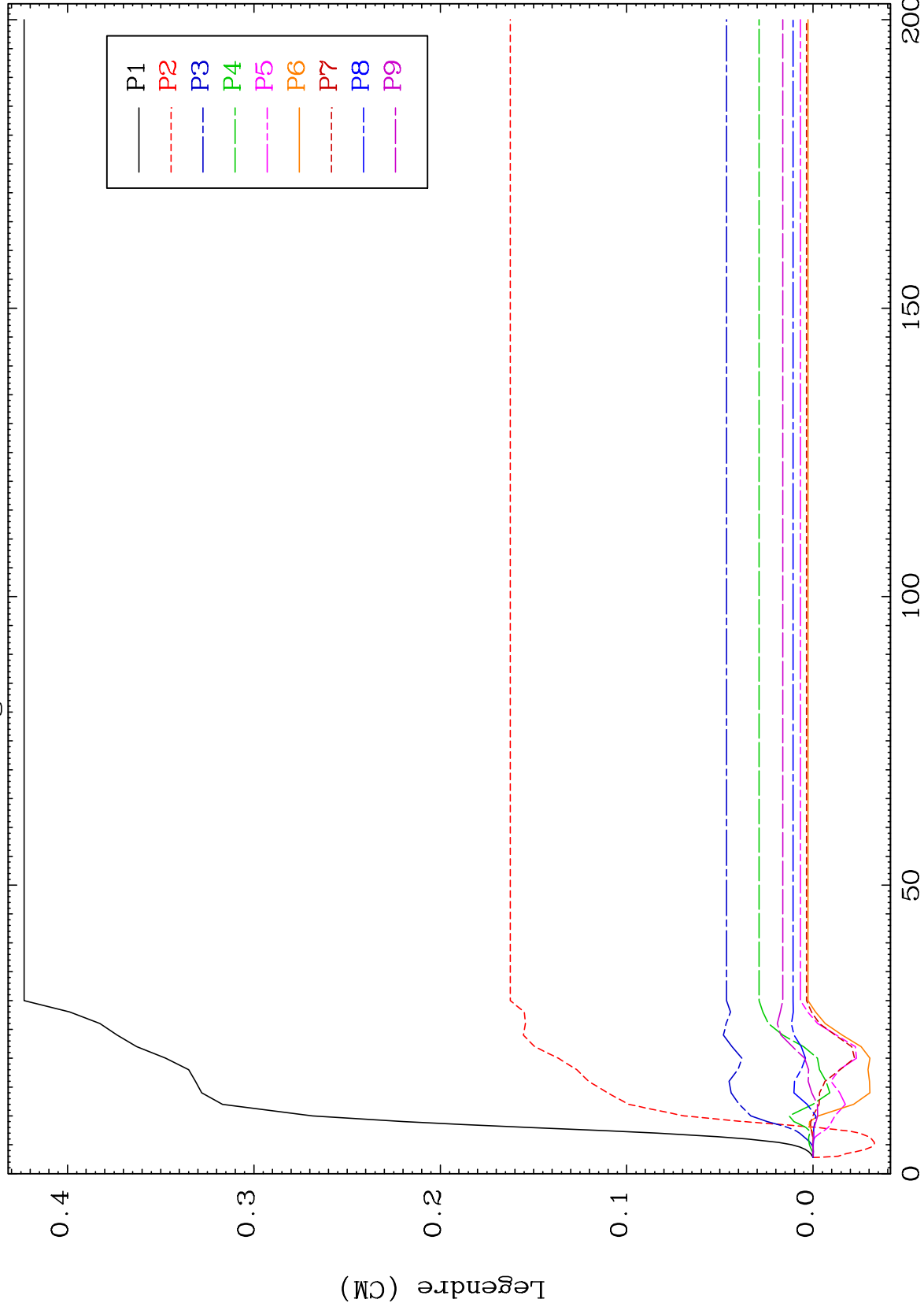
48-Cd-108



MAT 4831

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-108



111

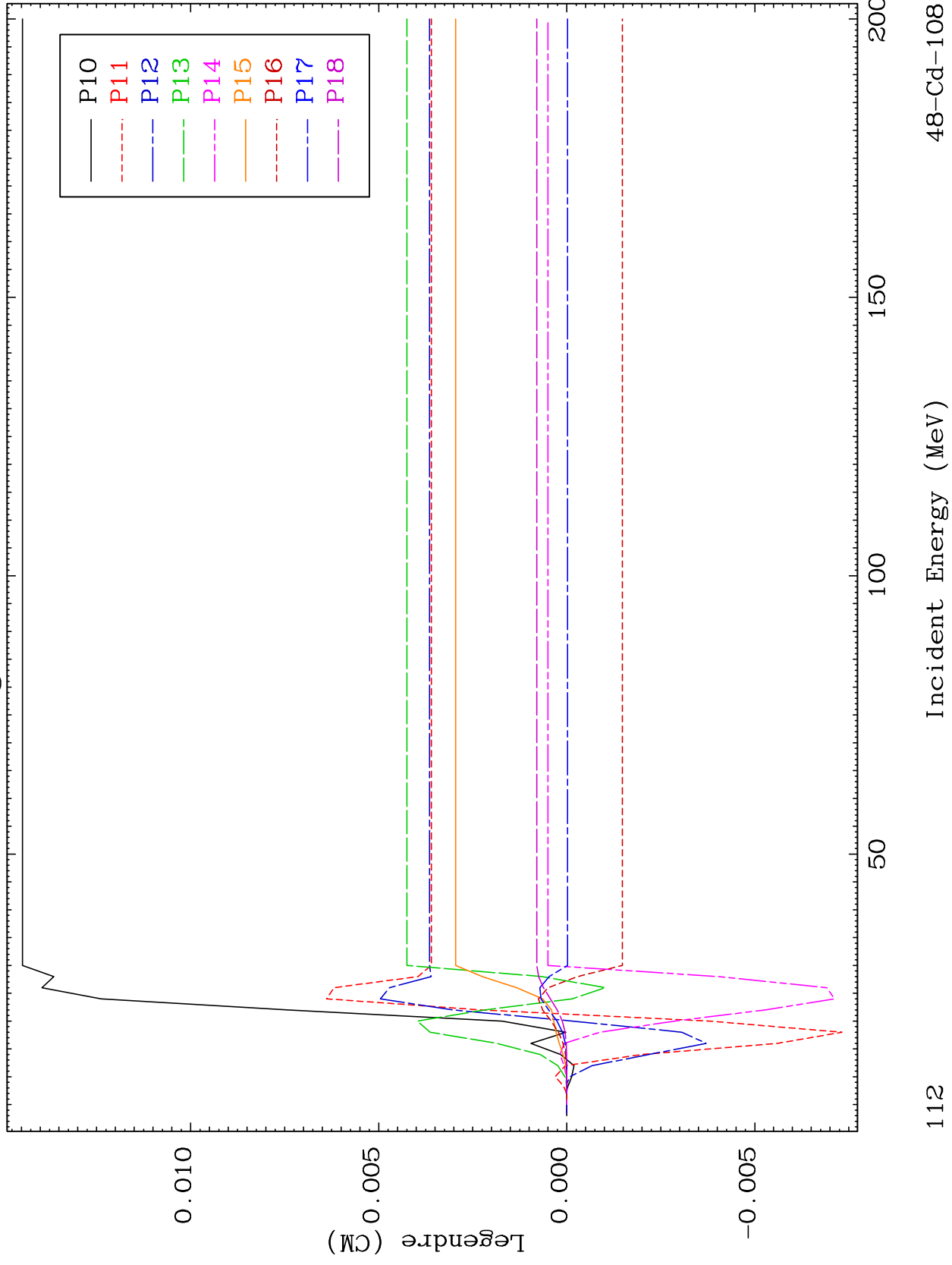
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-108



112

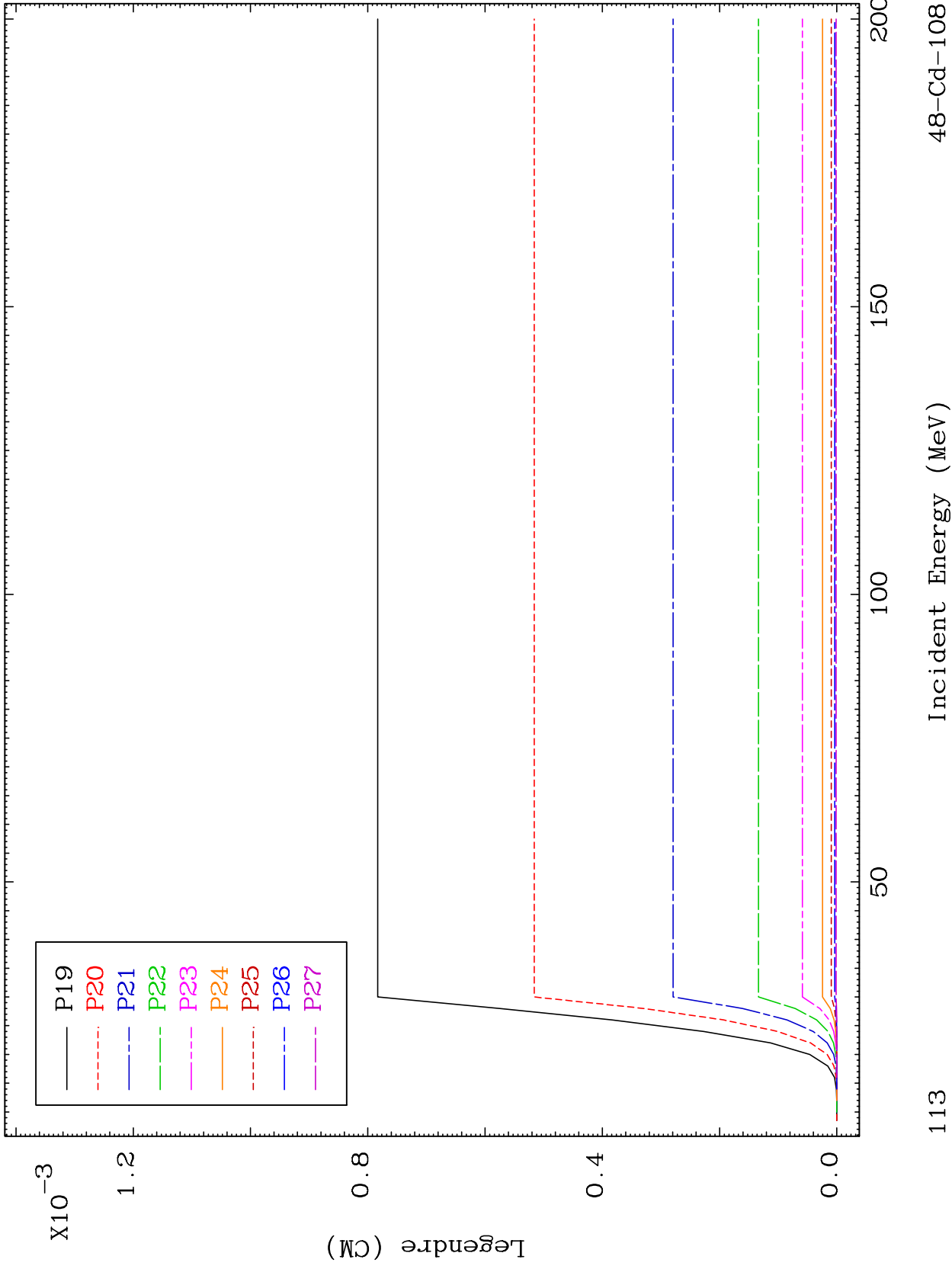
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-108

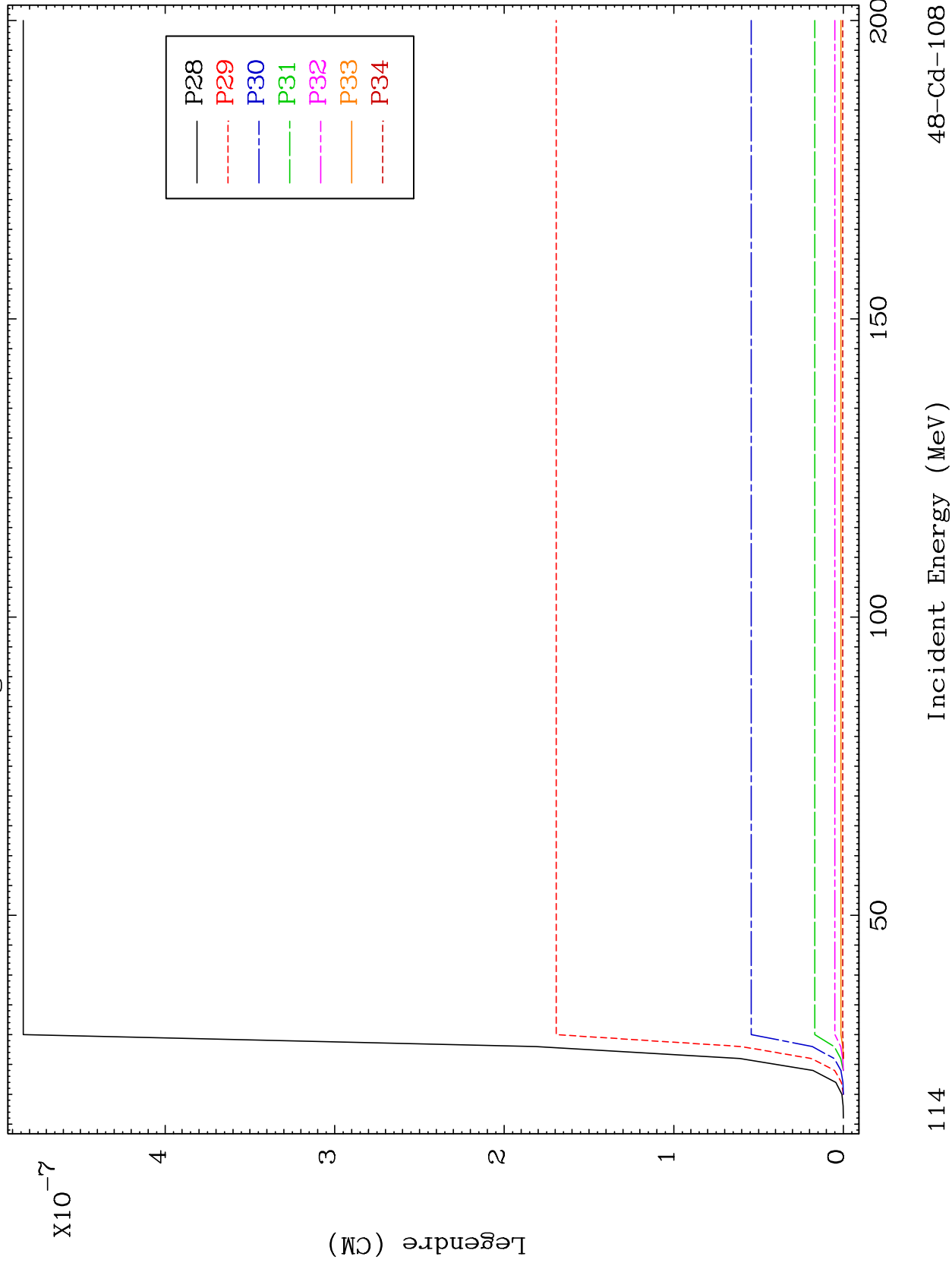


113

MAT 4831

MT= 75 (n,n') Level
Legendre Coefficients

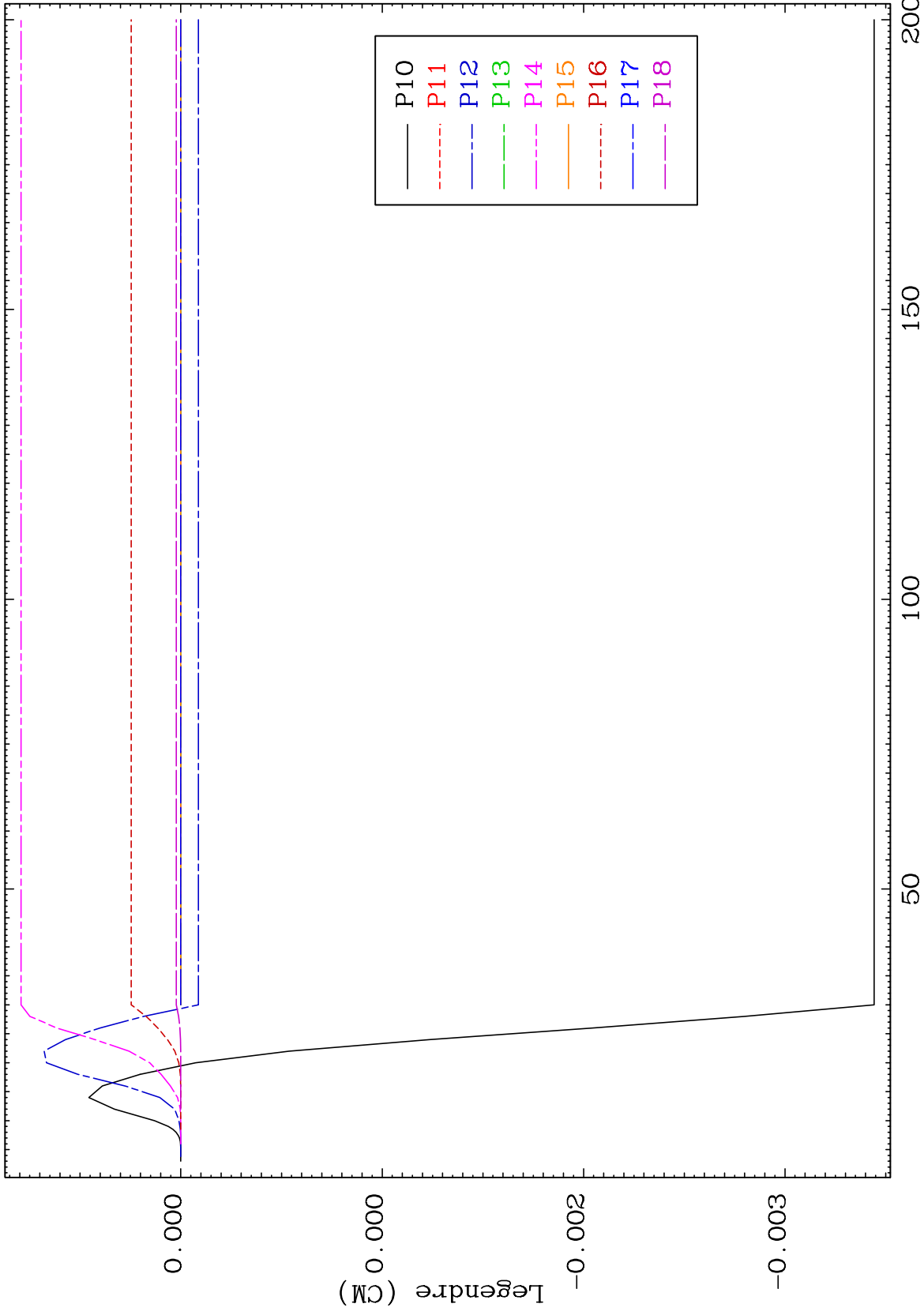
48-Cd-108



MAT 4831

MT= 76 (n,n') Level
Legendre Coefficients

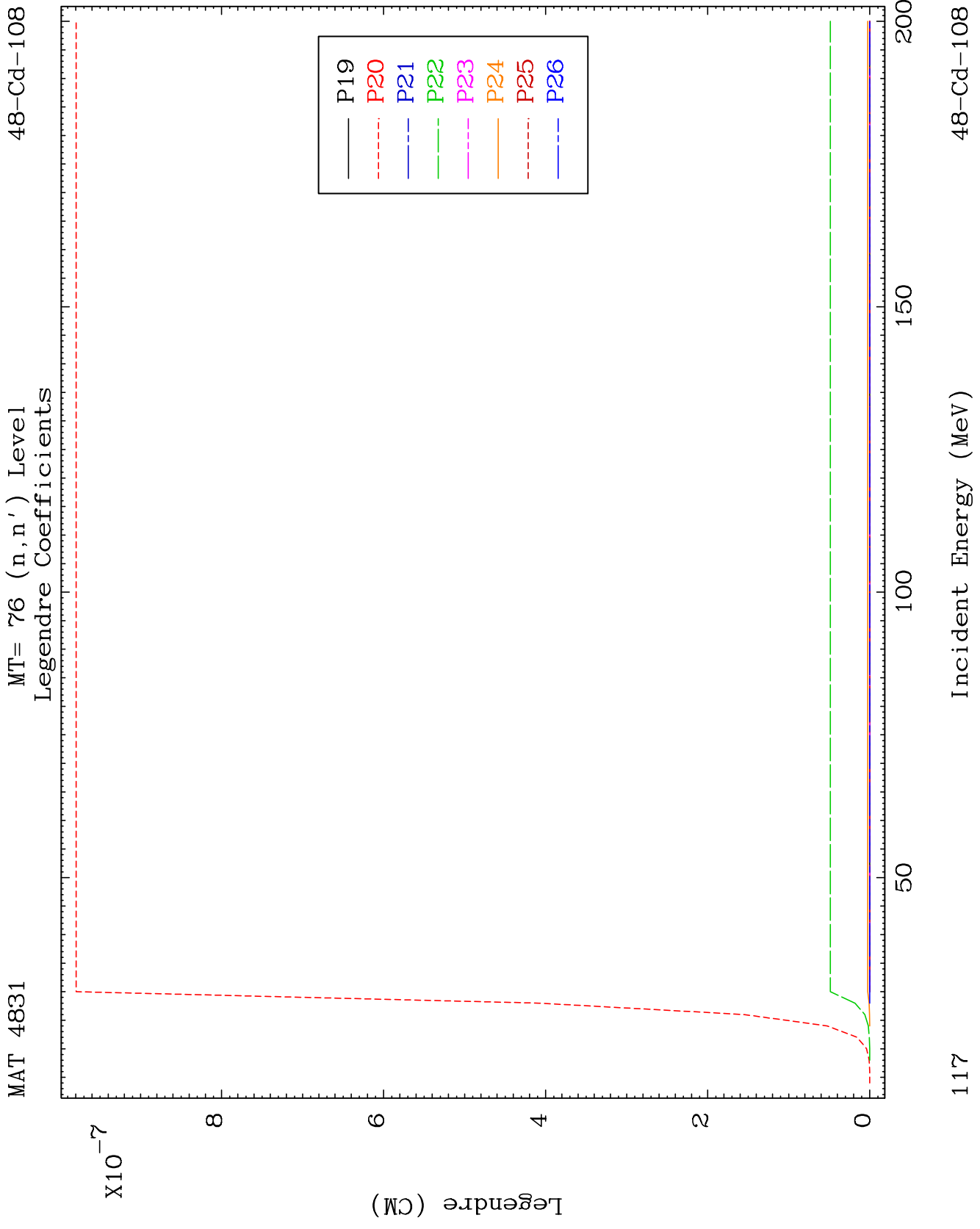
48-Cd-108



116

Incident Energy (MeV)

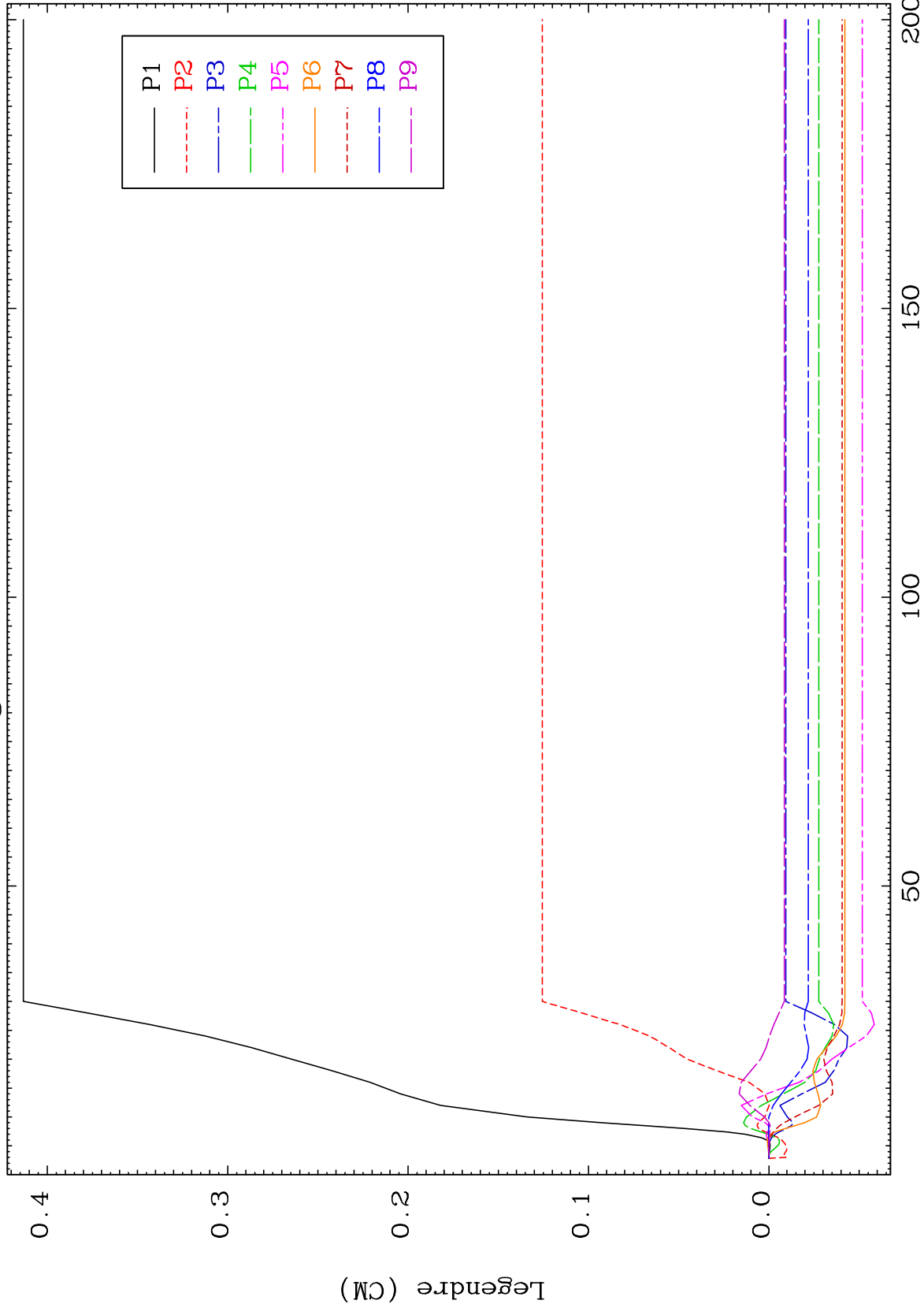
48-Cd-108



MAT 4831

MT= 77 (n,n') Level
Legendre Coefficients

48-Cd-108



118

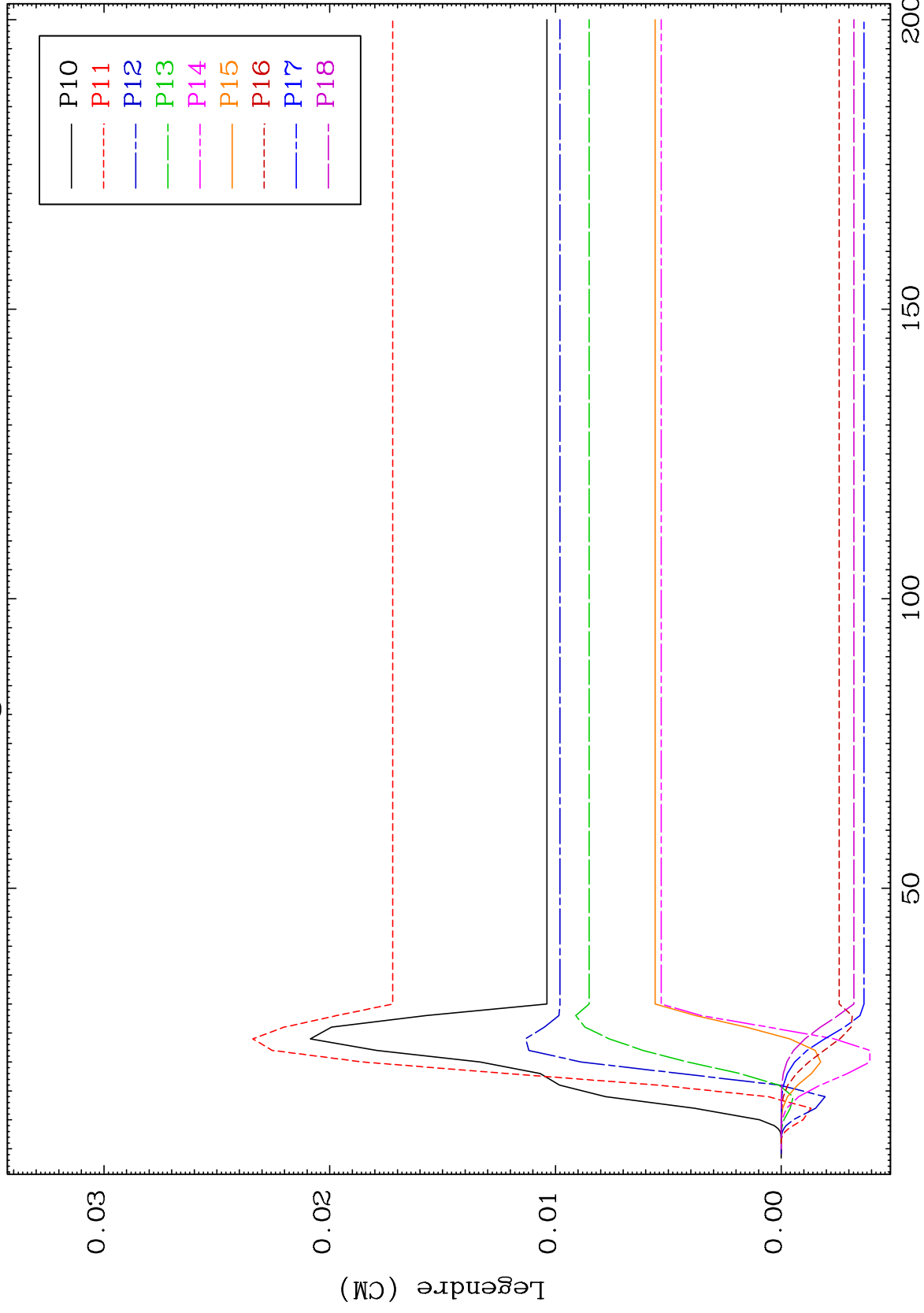
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 77 (n,n') Level
Legendre Coefficients

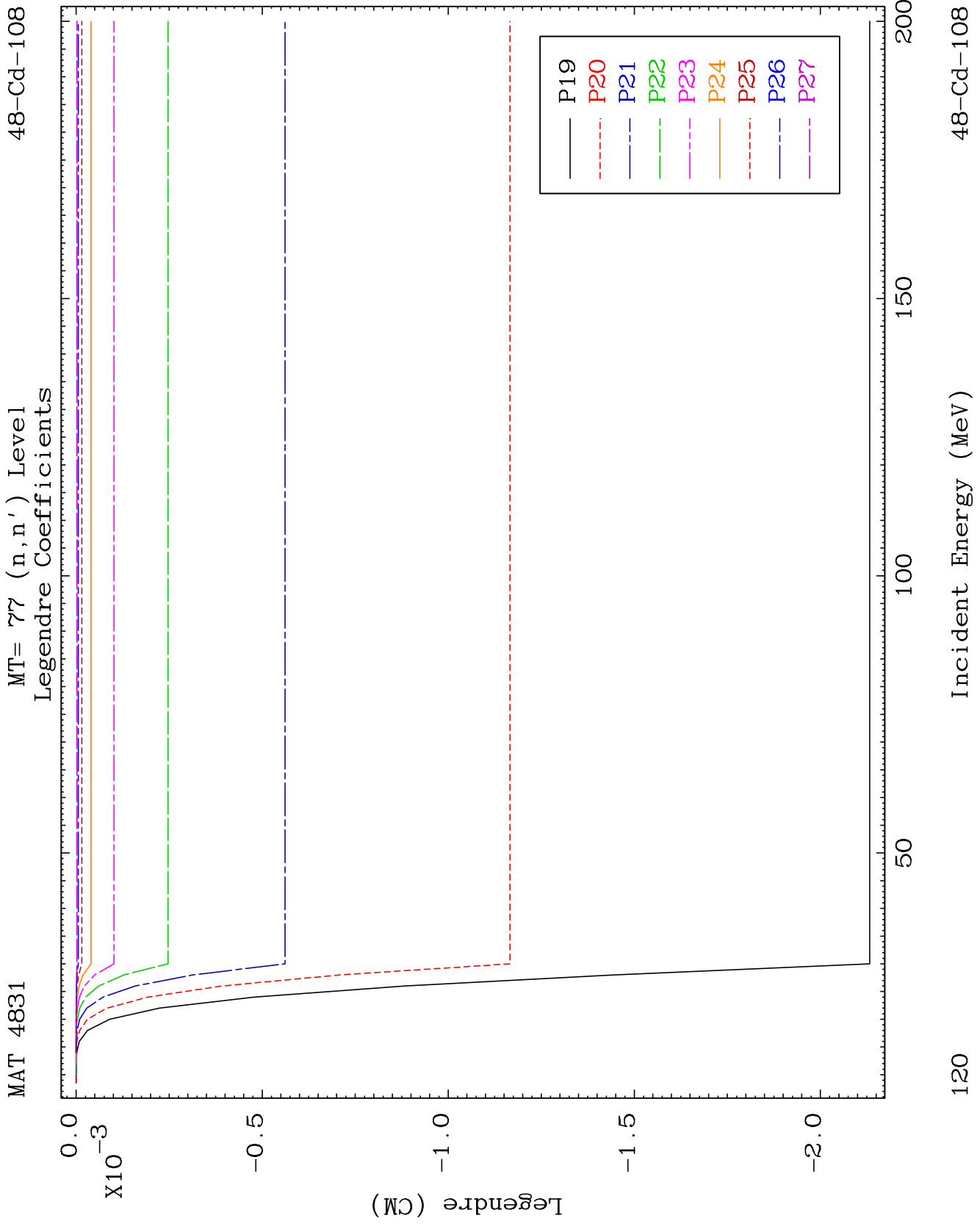
48-Cd-108

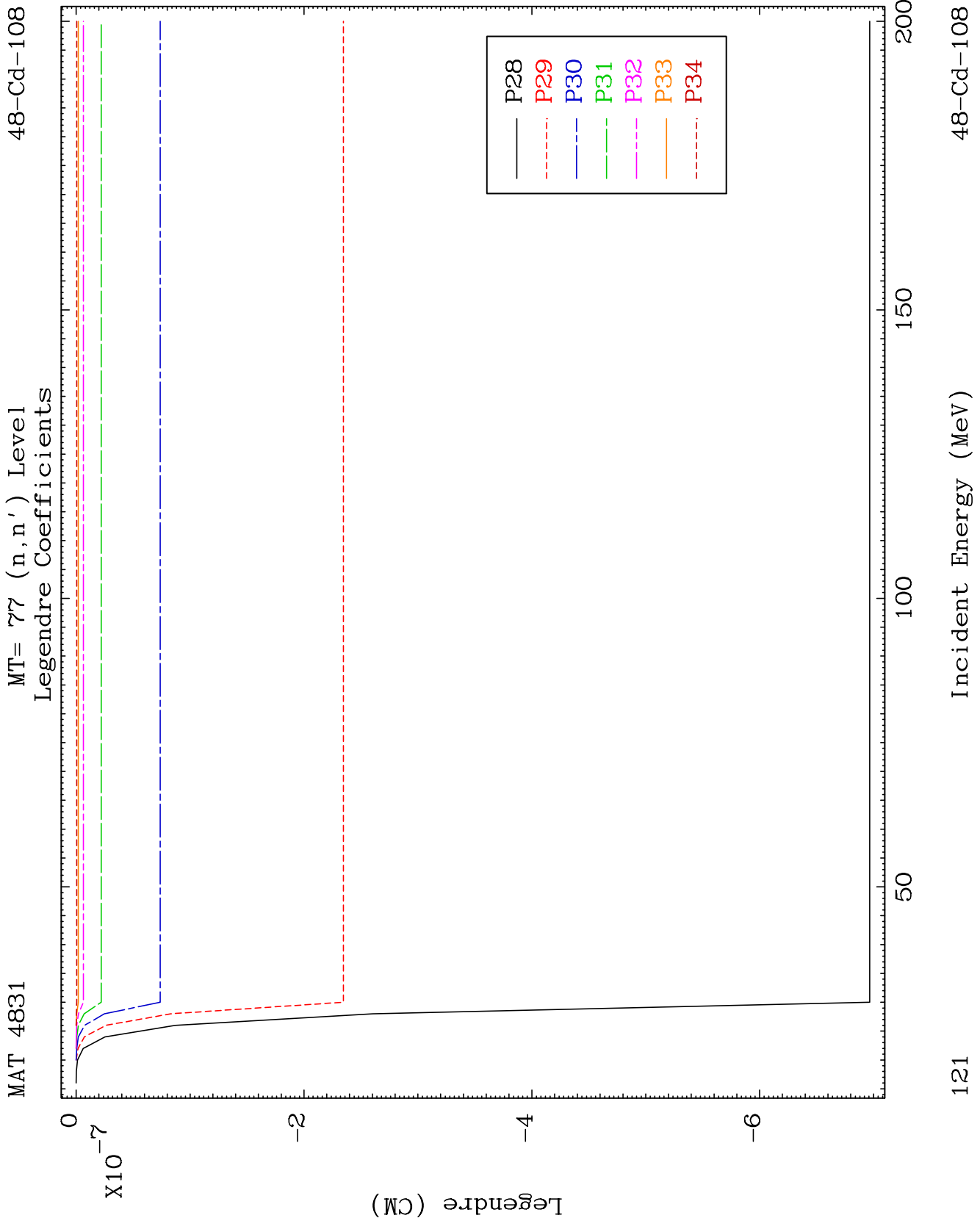


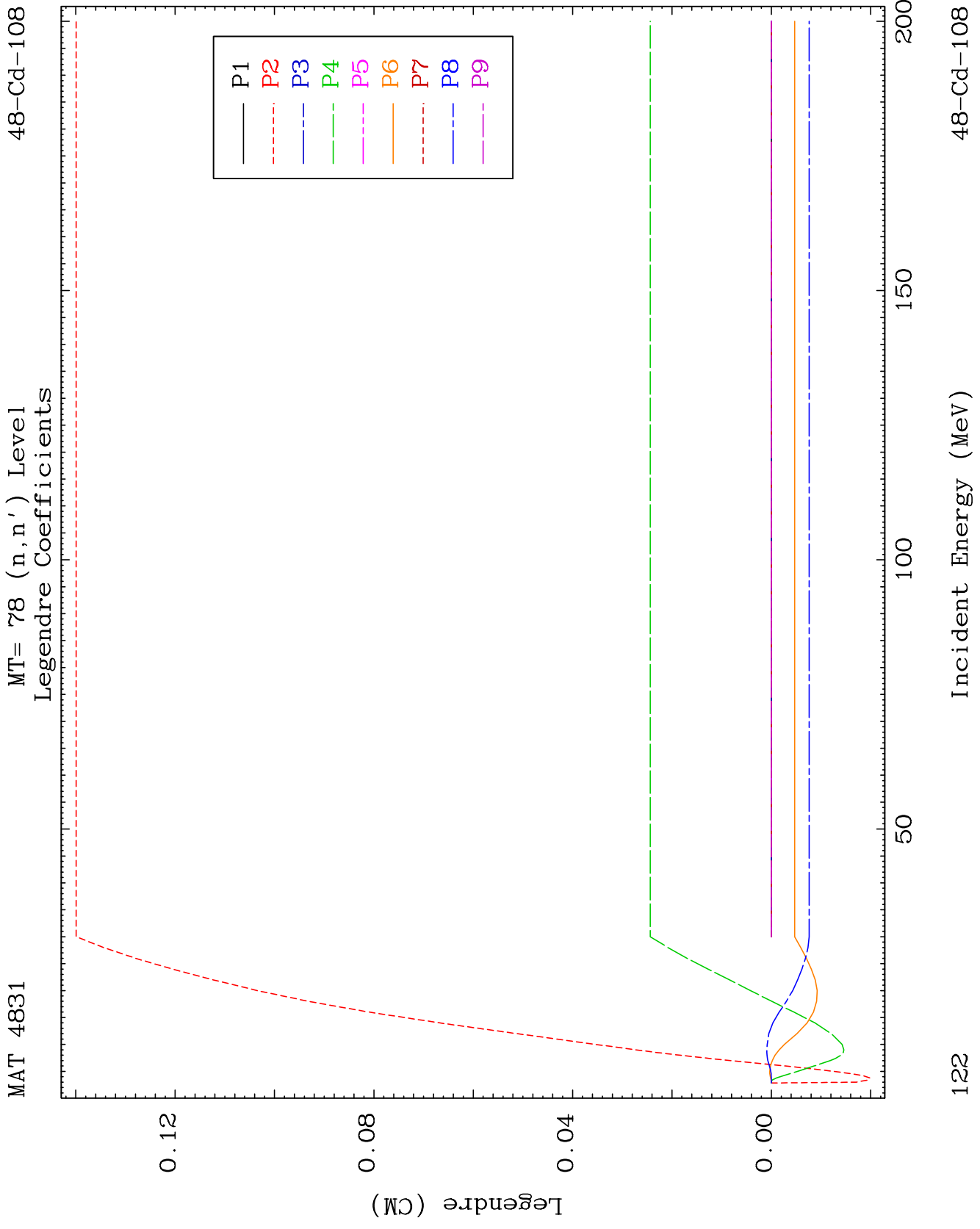
119

Incident Energy (MeV)

48-Cd-108



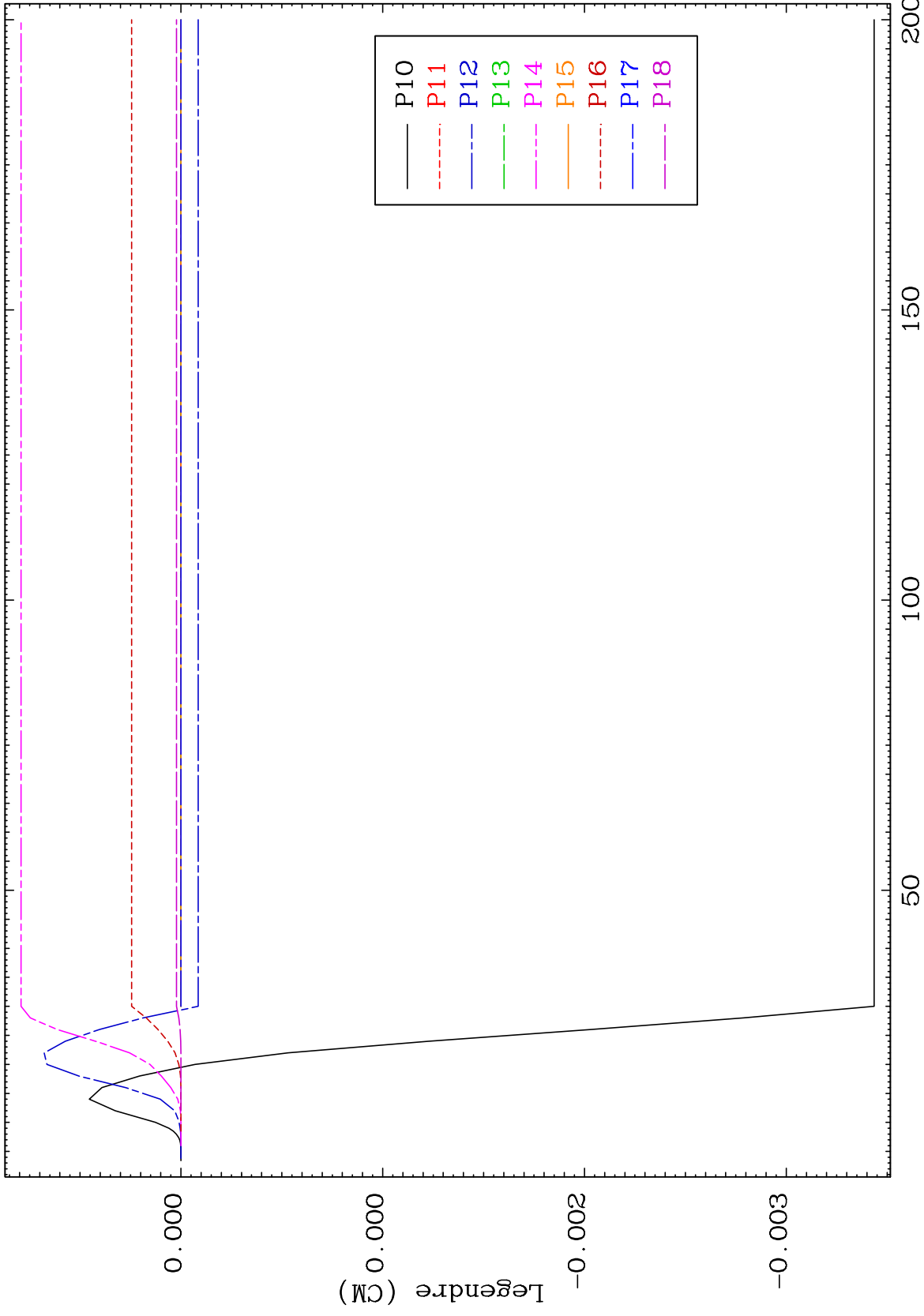




MAT 4831

MT= 78 (n,n') Level
Legendre Coefficients

48-Cd-108



123

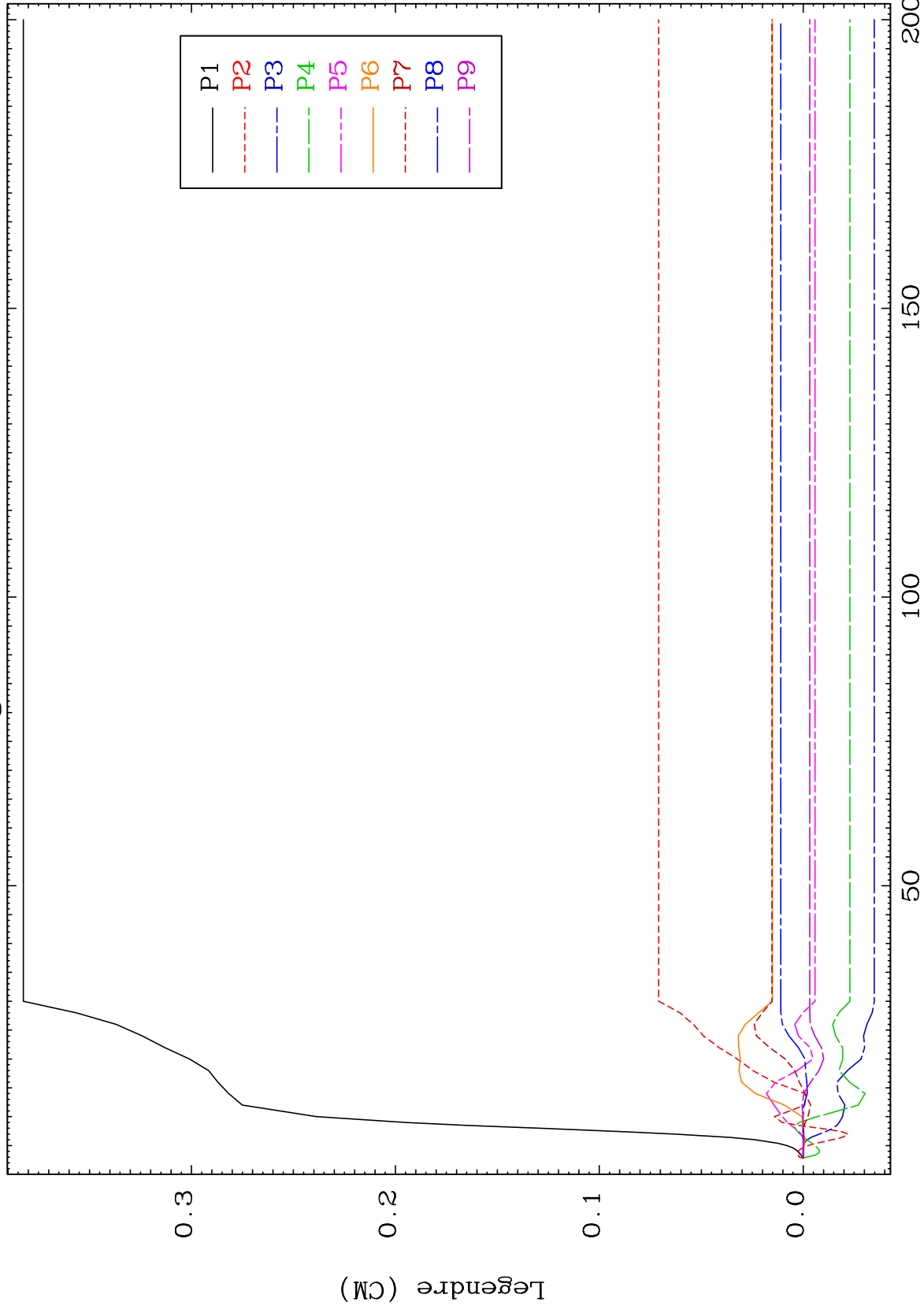
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 79 (n,n') Level
Legendre Coefficients

48-Cd-108



125

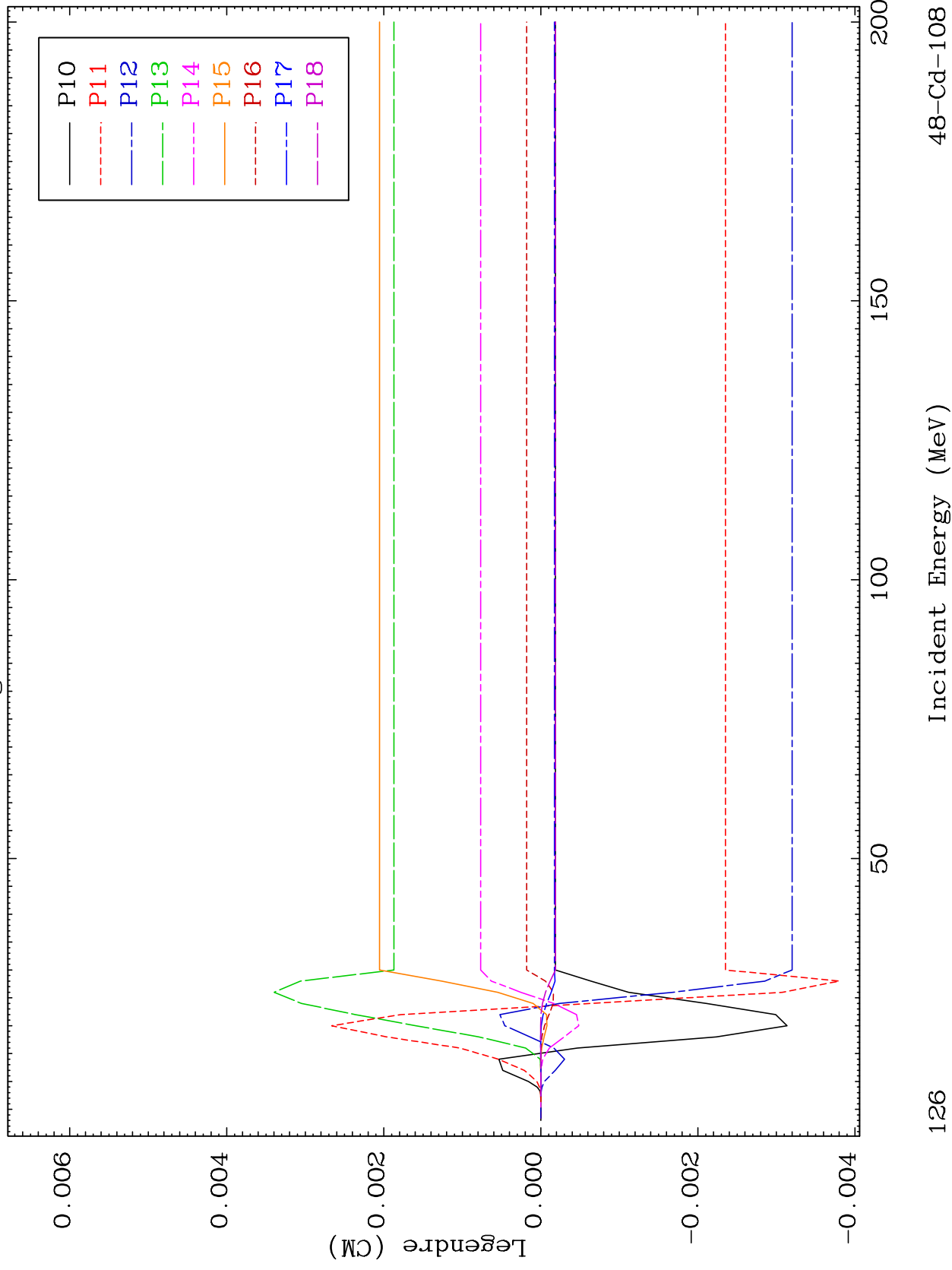
Incident Energy (MeV)

48-Cd-108

MAT 4831

MT= 79 (n,n') Level
Legendre Coefficients

48-Cd-108



126

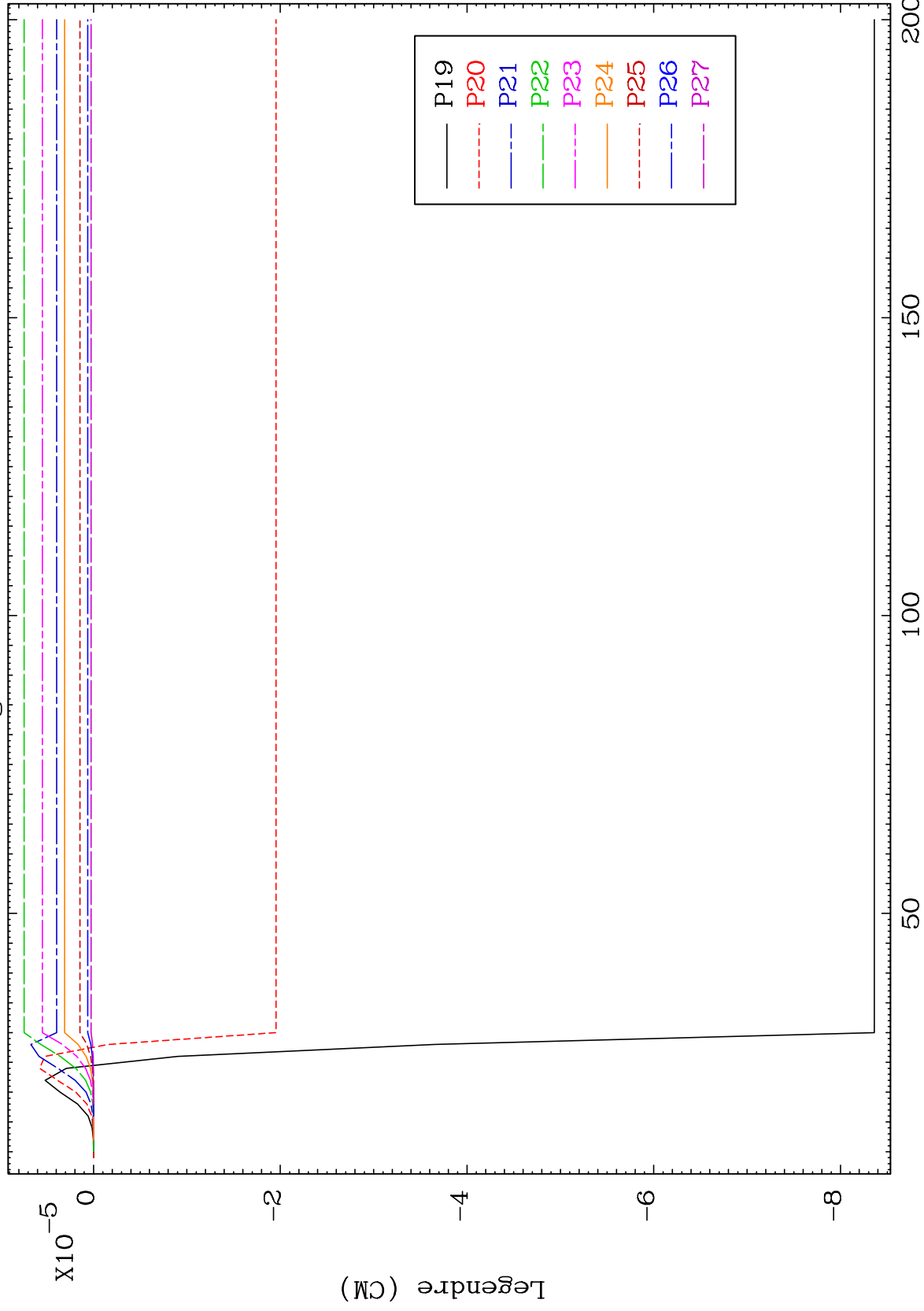
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

MT= 79 (n,n') Level
Legendre Coefficients



127

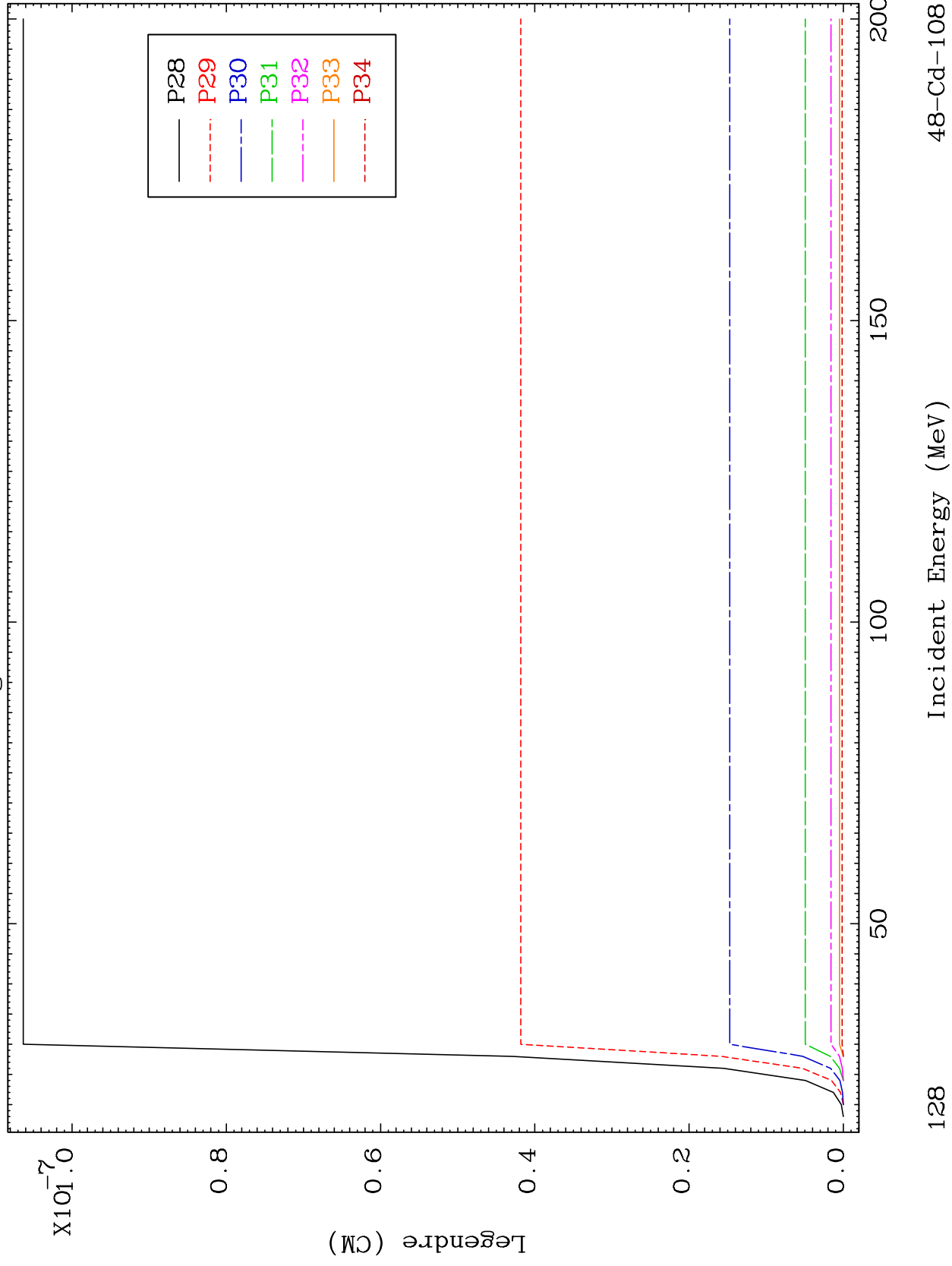
Incident Energy (MeV)

48-Cd-108

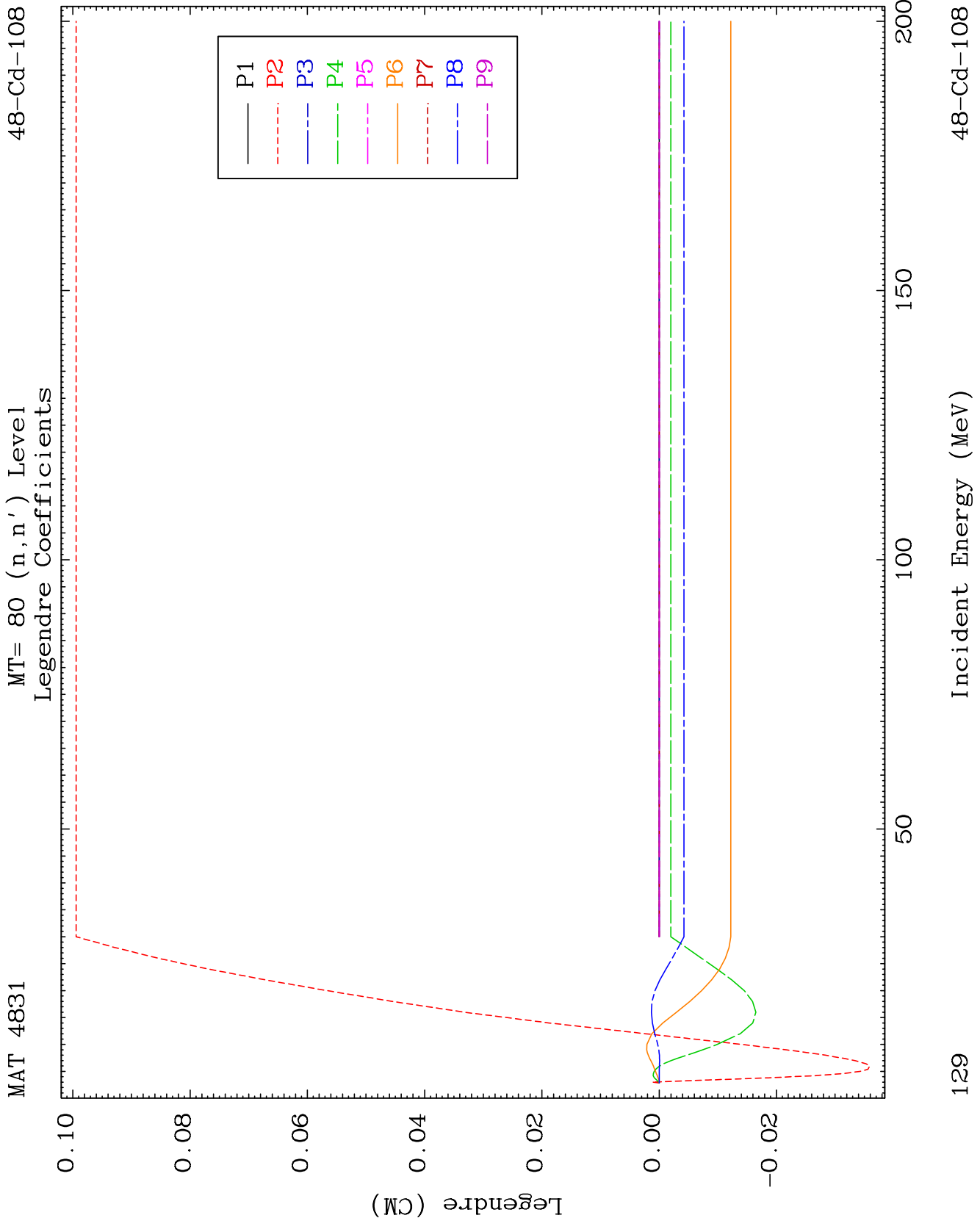
MAT 4831

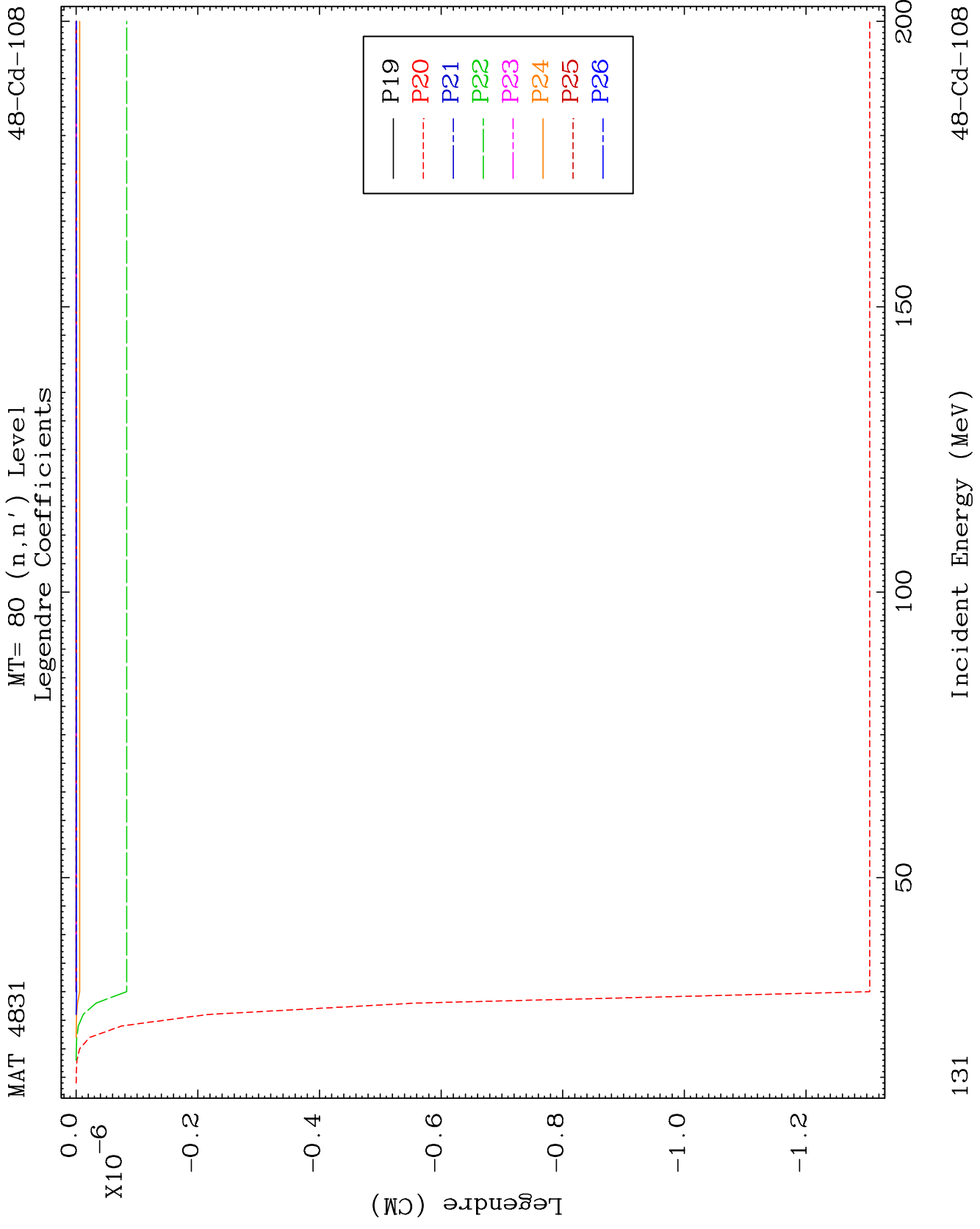
MT= 79 (n,n') Level
Legendre Coefficients

48-Cd-108



128



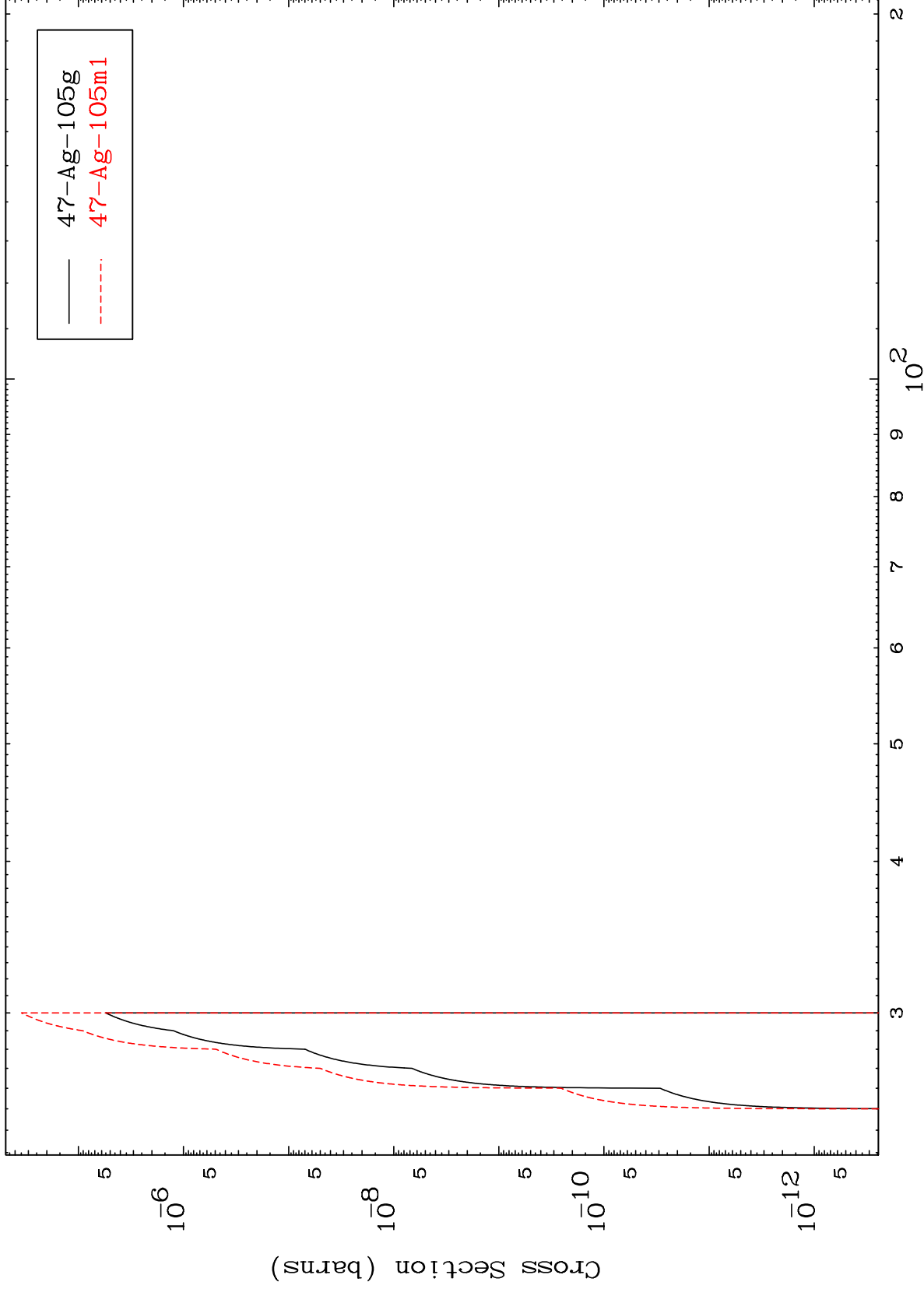


MAT 4831

(n,2n) d

48-Cd-108

Radionuclide Production Cross Section



132

Incident Energy (MeV)

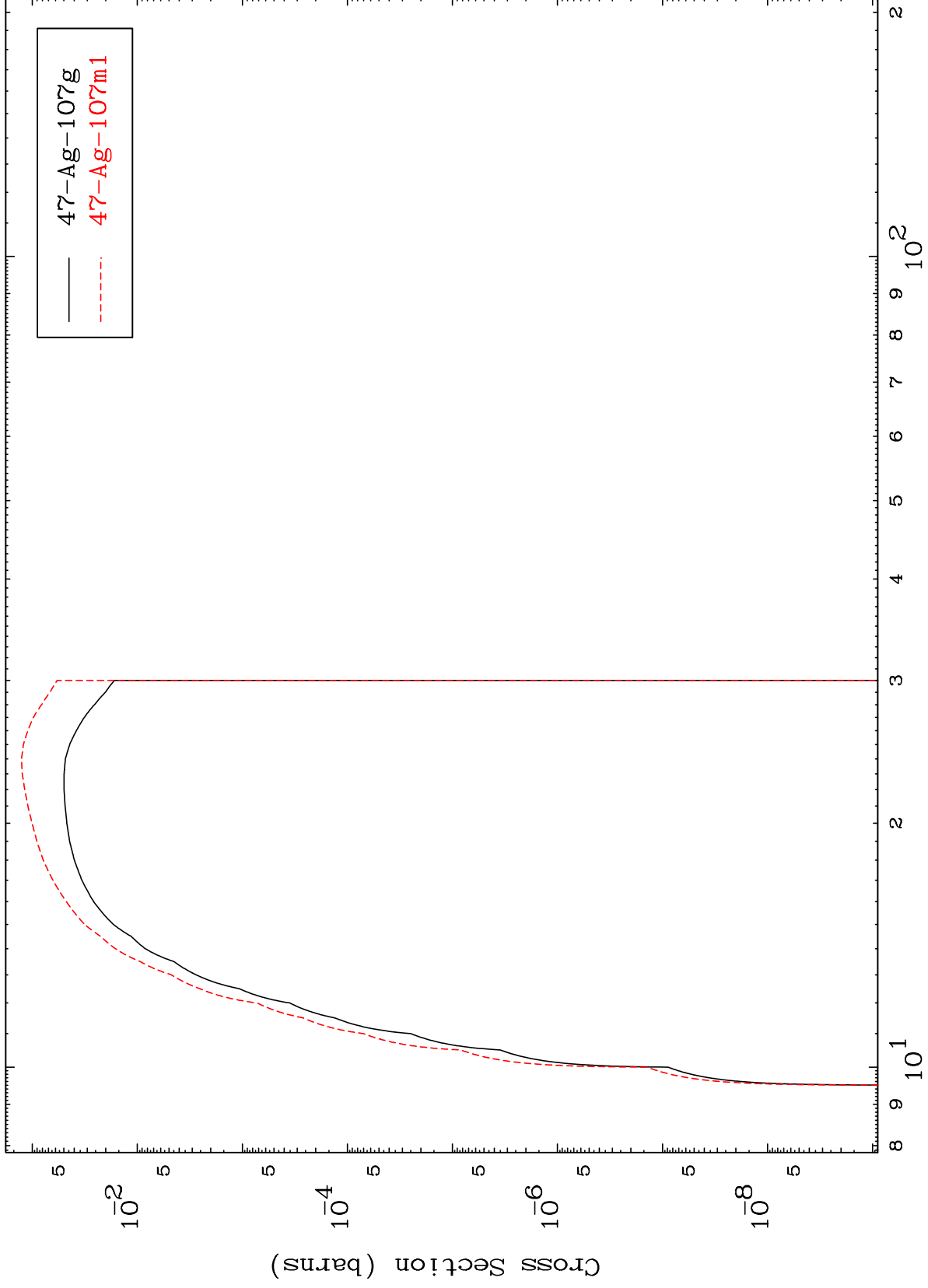
48-Cd-108

MAT 4831

(n,n') p

48-Cd-108

Radionuclide Production Cross Section



133

Incident Energy (MeV)

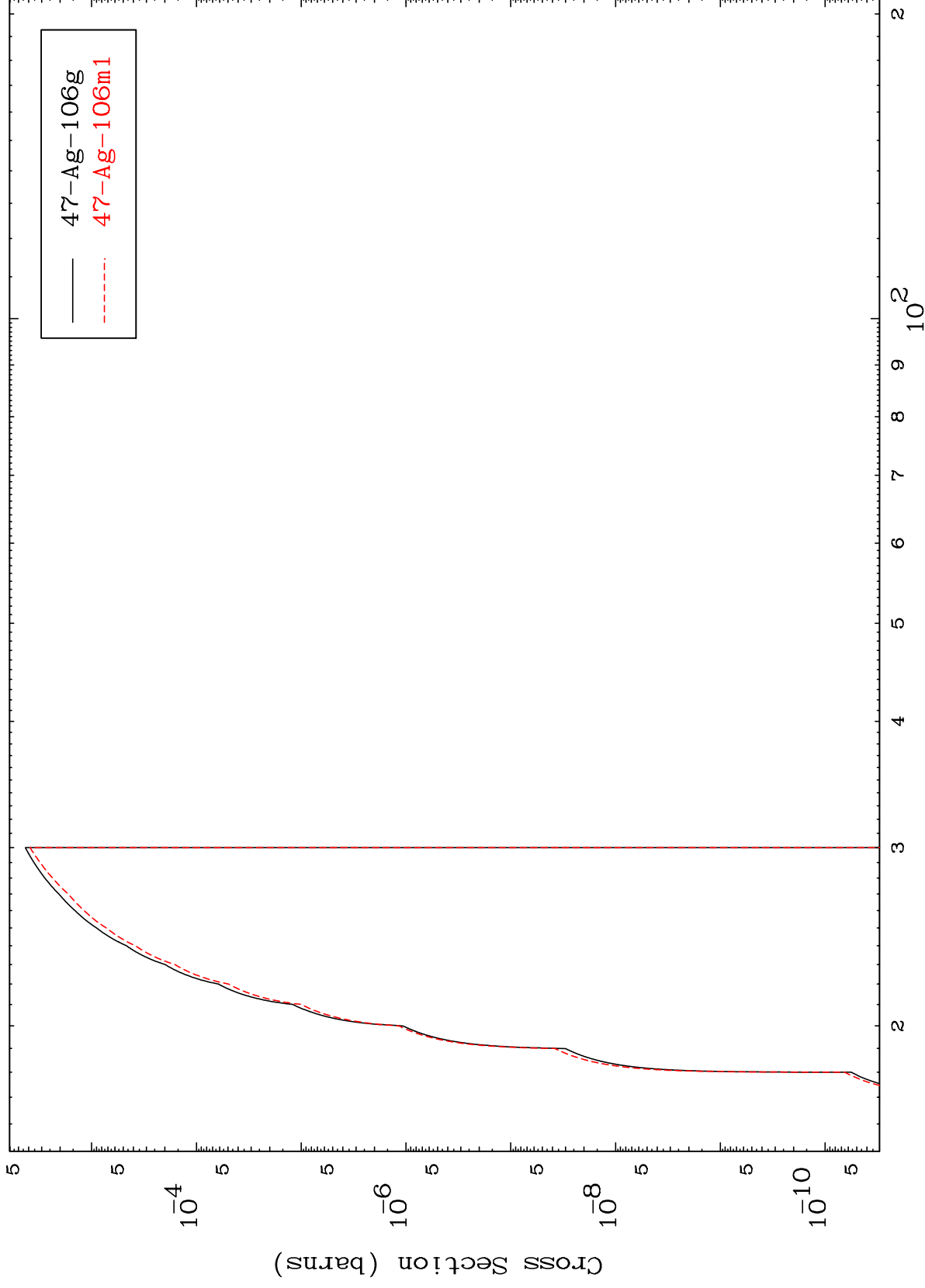
48-Cd-108

MAT 4831

(n,n') d

48-Cd-108

Radionuclide Production Cross Section



134

Incident Energy (MeV)

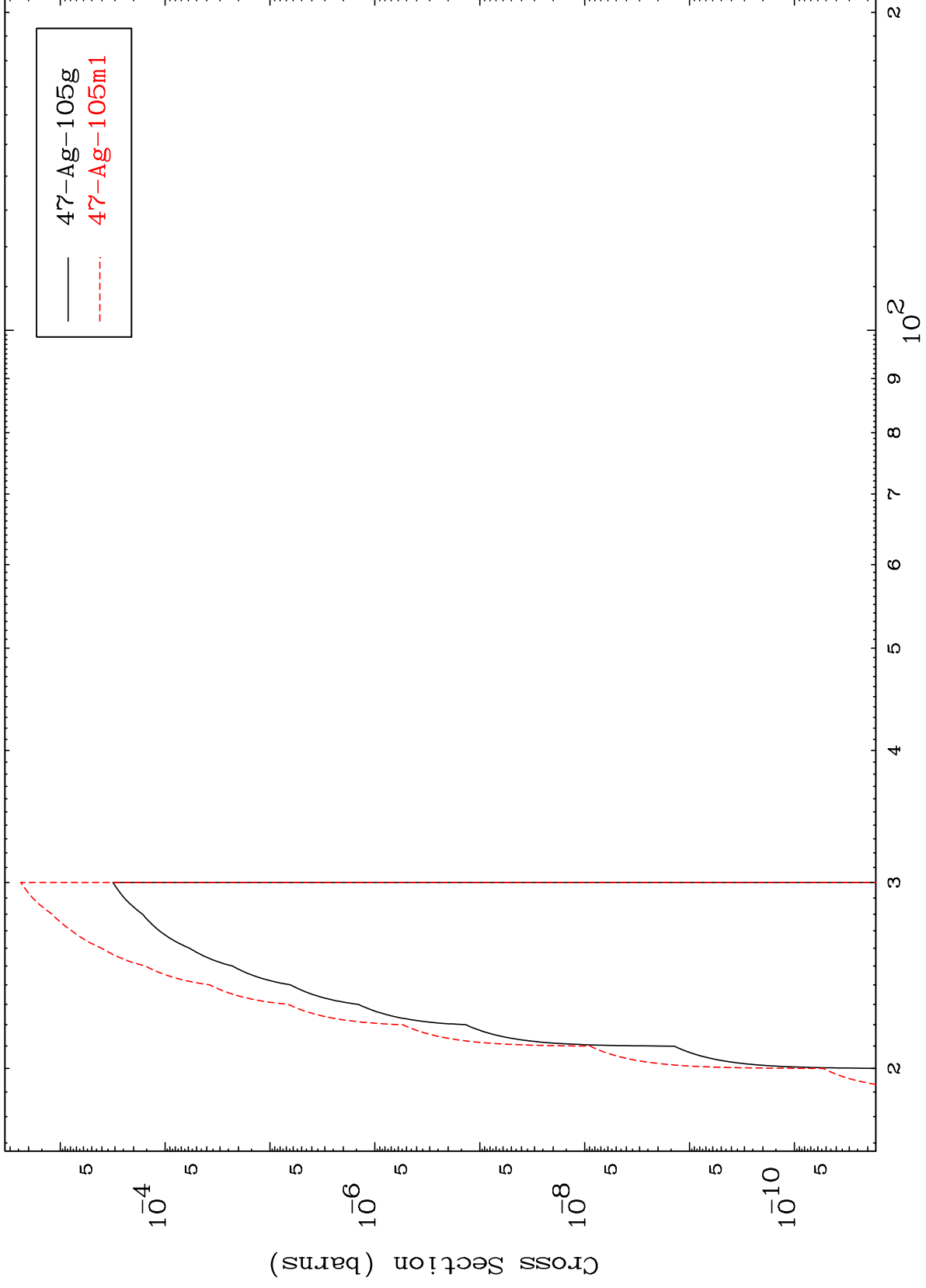
48-Cd-108

MAT 4831

(n,n') t

48-Cd-108

Radionuclide Production Cross Section



135

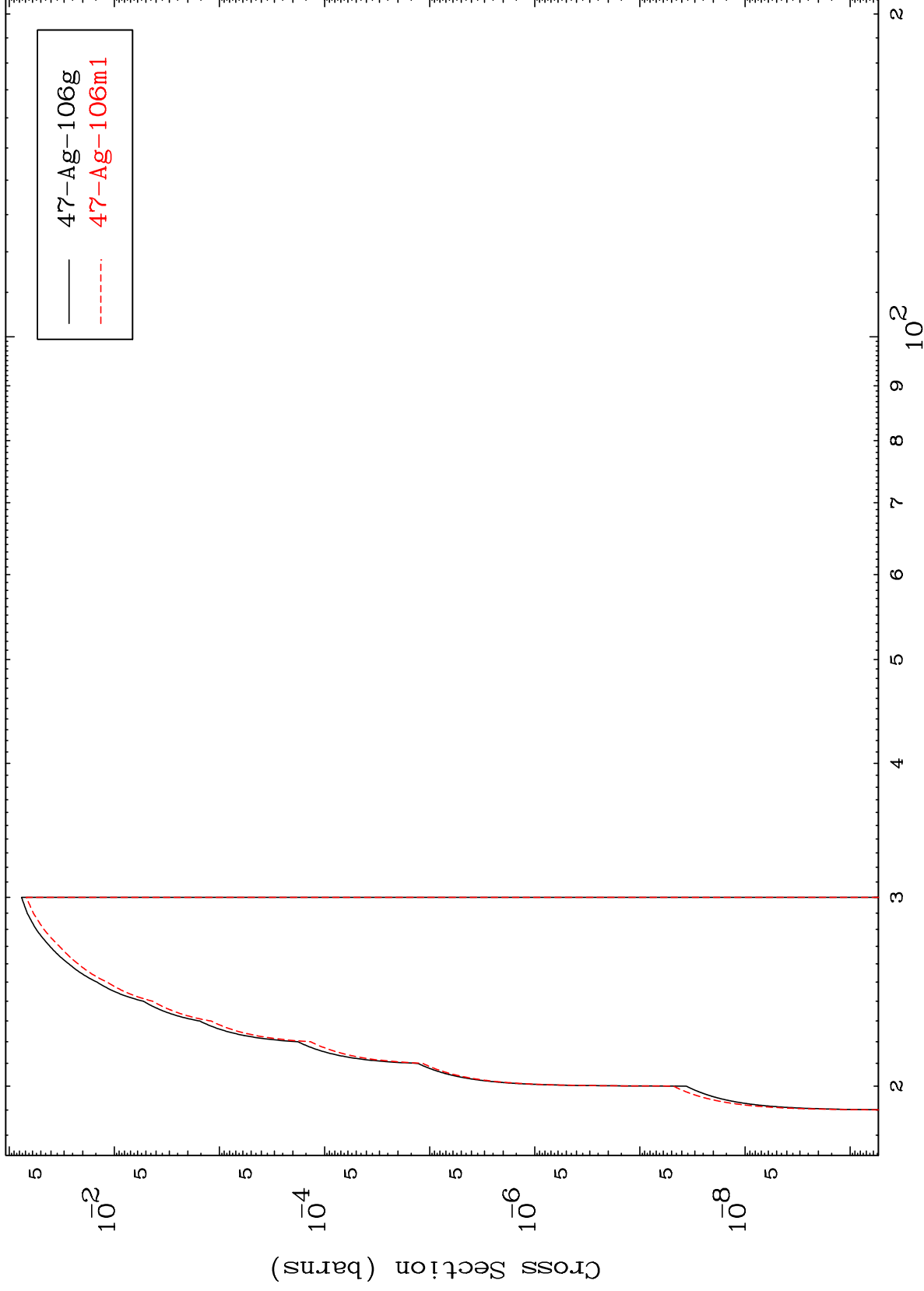
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,2n) p
Radionuclide Production Cross Section



136

Incident Energy (MeV)

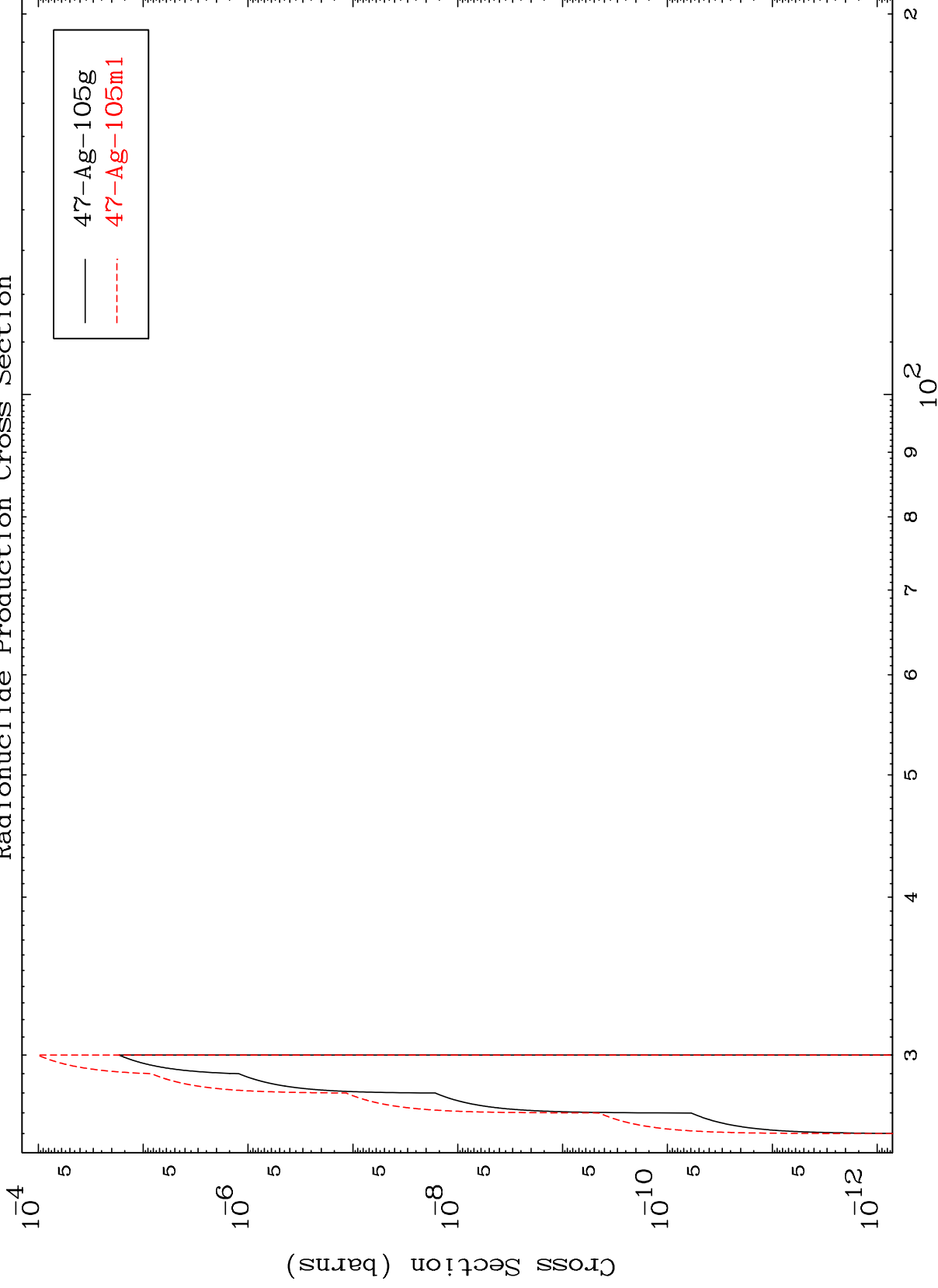
48-Cd-108

MAT 4831

(n,3n) p

48-Cd-108

Radionuclide Production Cross Section



137

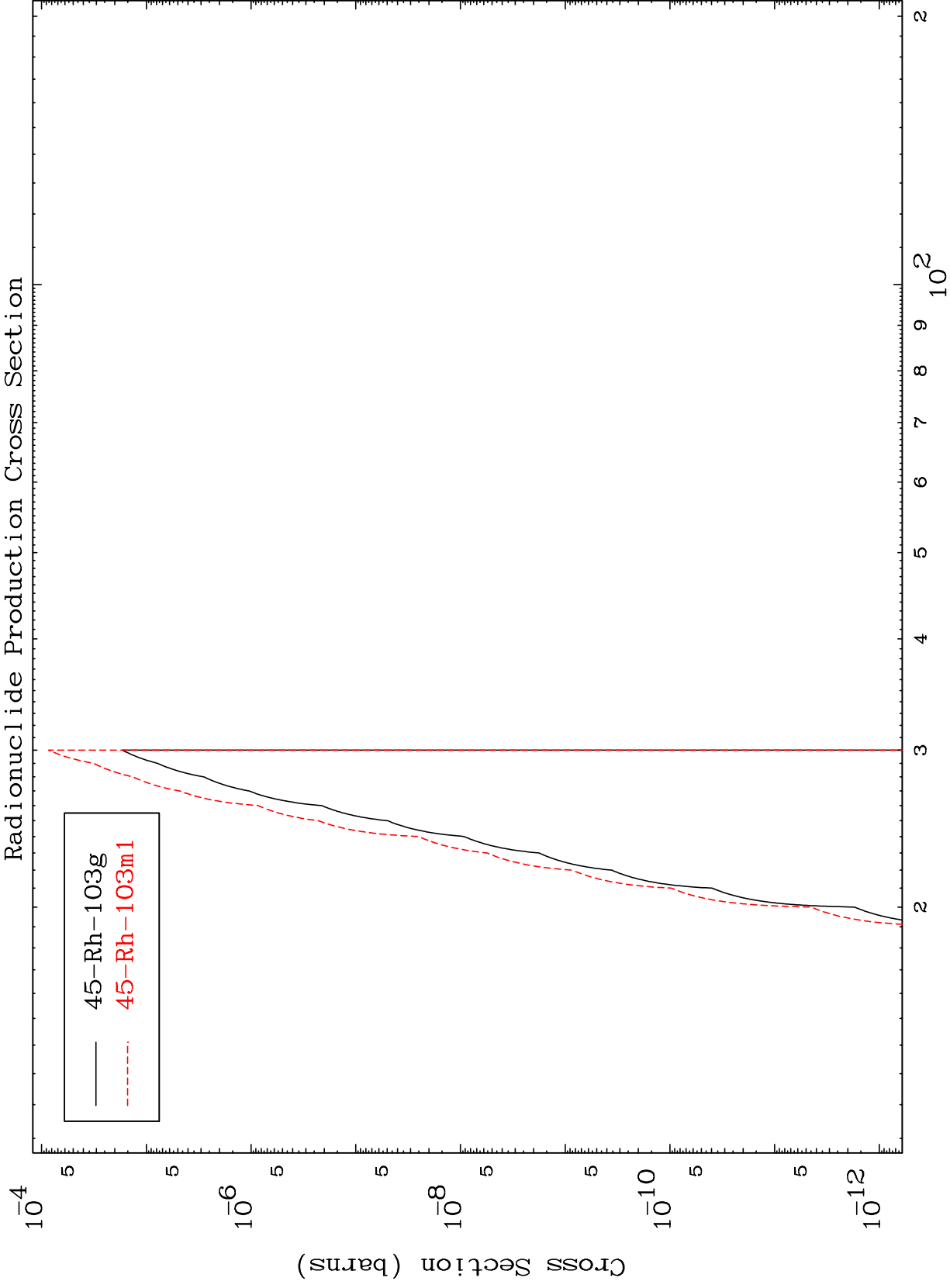
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

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



138

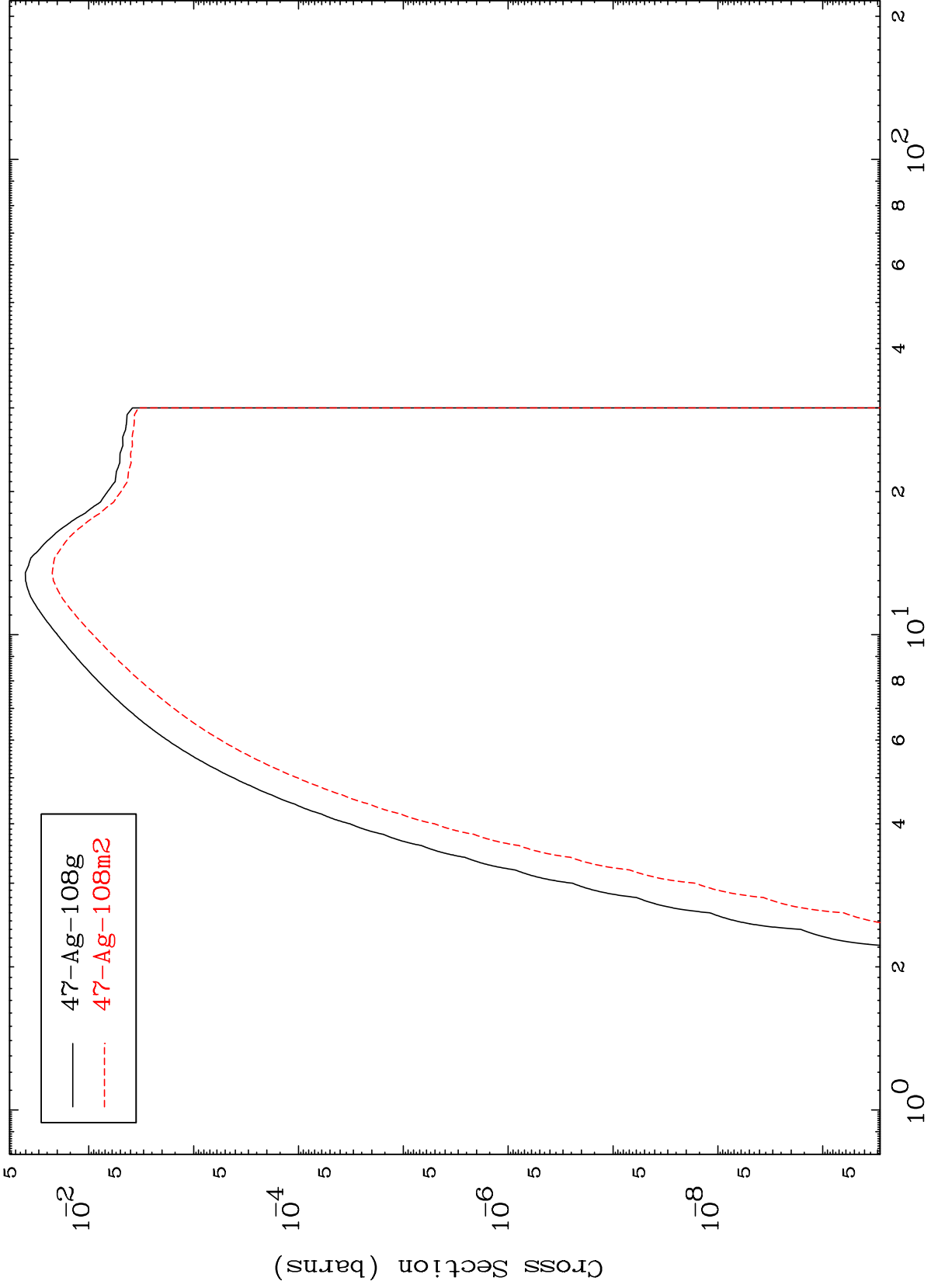
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,p)
Radionuclide Production Cross Section



139

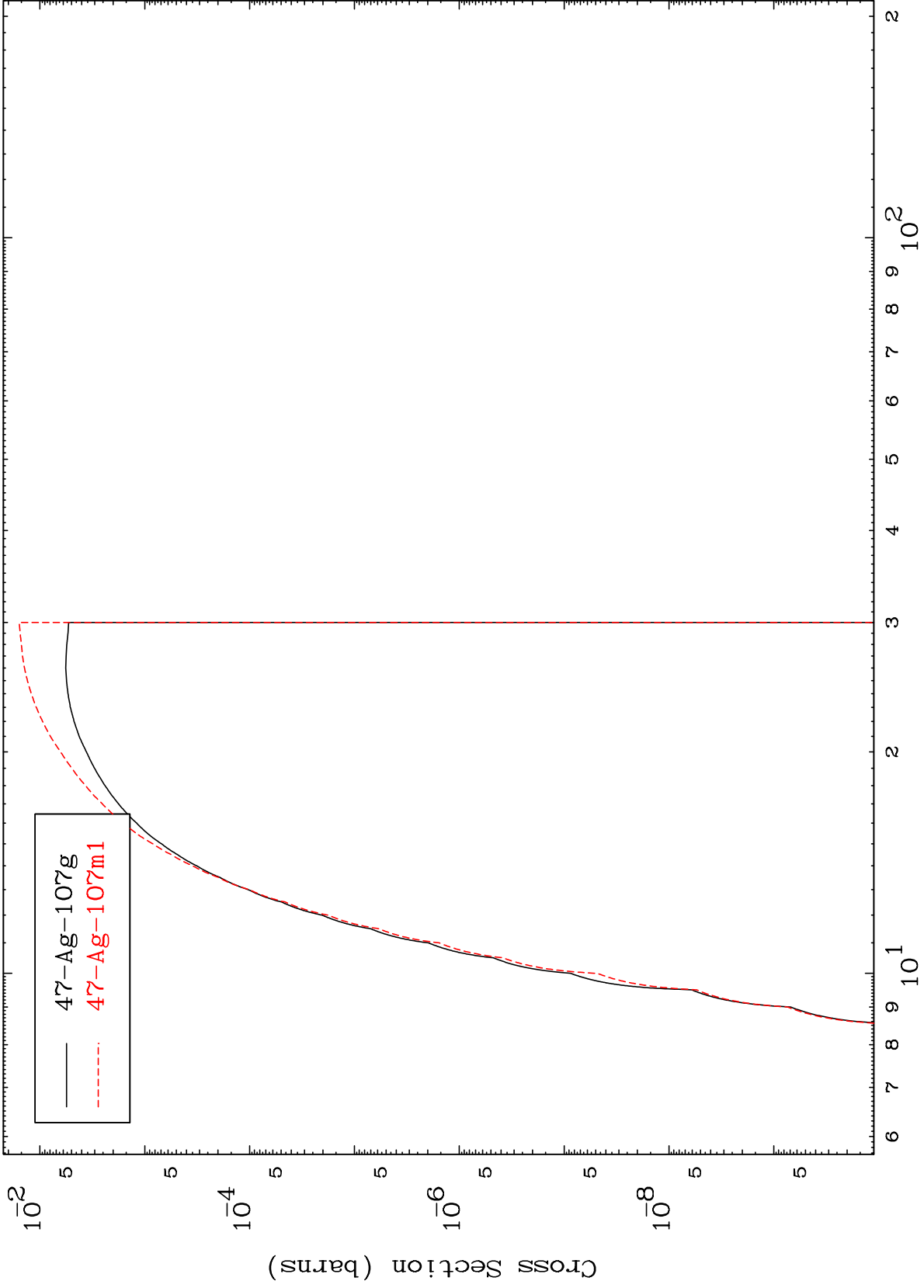
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,d)
Radionuclide Production Cross Section



140

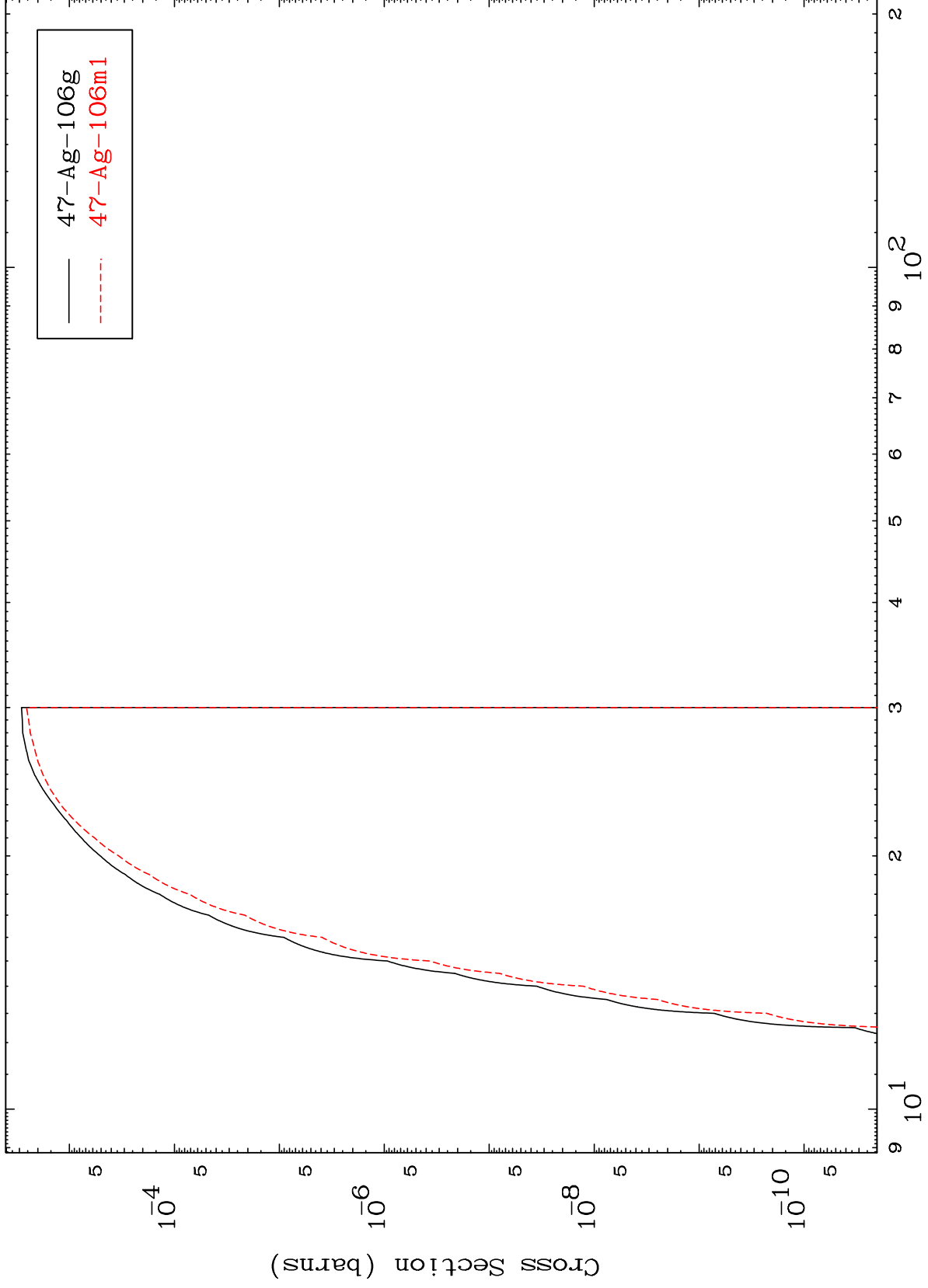
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

(n,t)
Radionuclide Production Cross Section



141

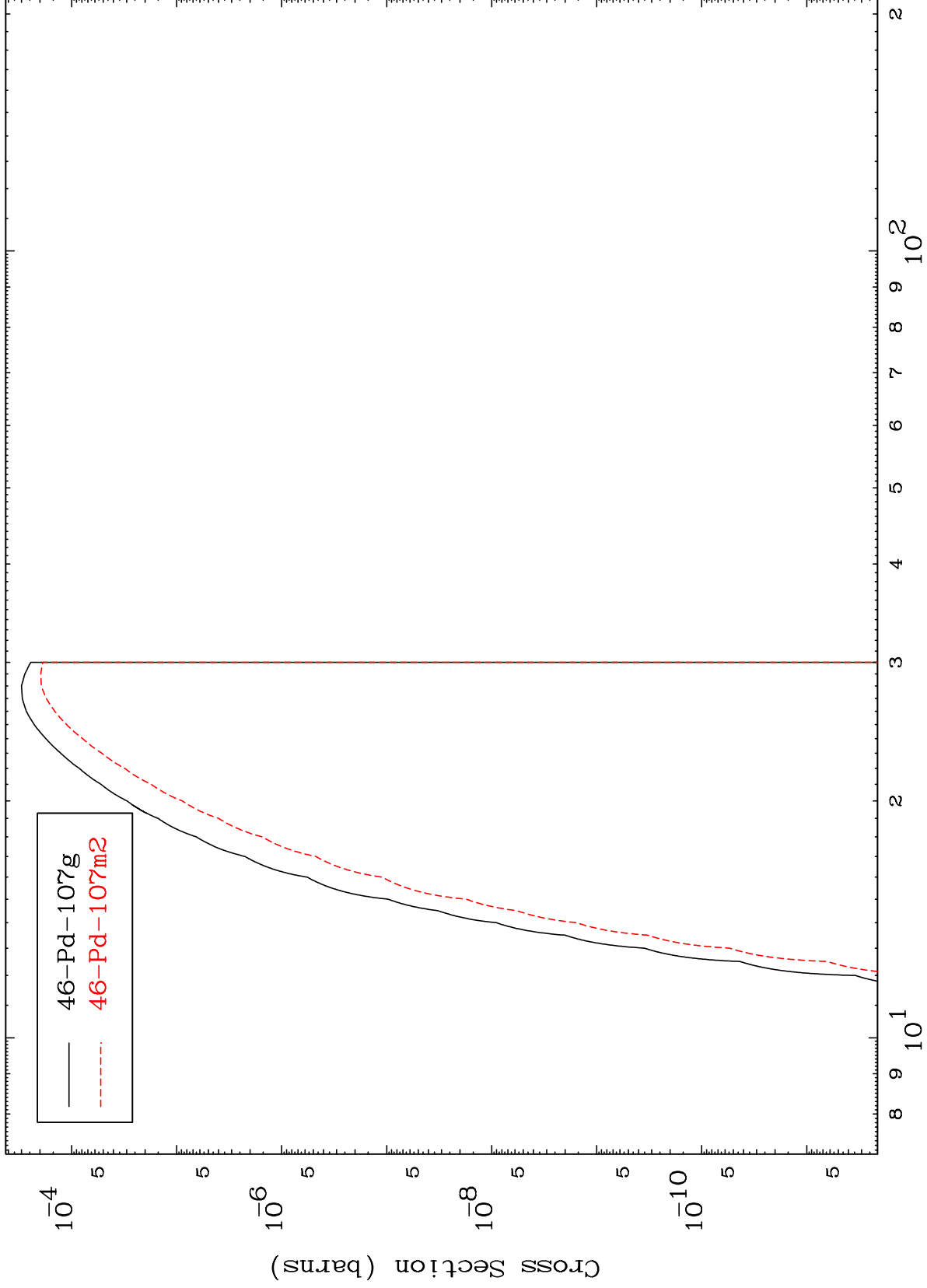
Incident Energy (MeV)

48-Cd-108

MAT 4831

48-Cd-108

Radionuclide Production Cross Section
(n,2p)



142

Incident Energy (MeV)

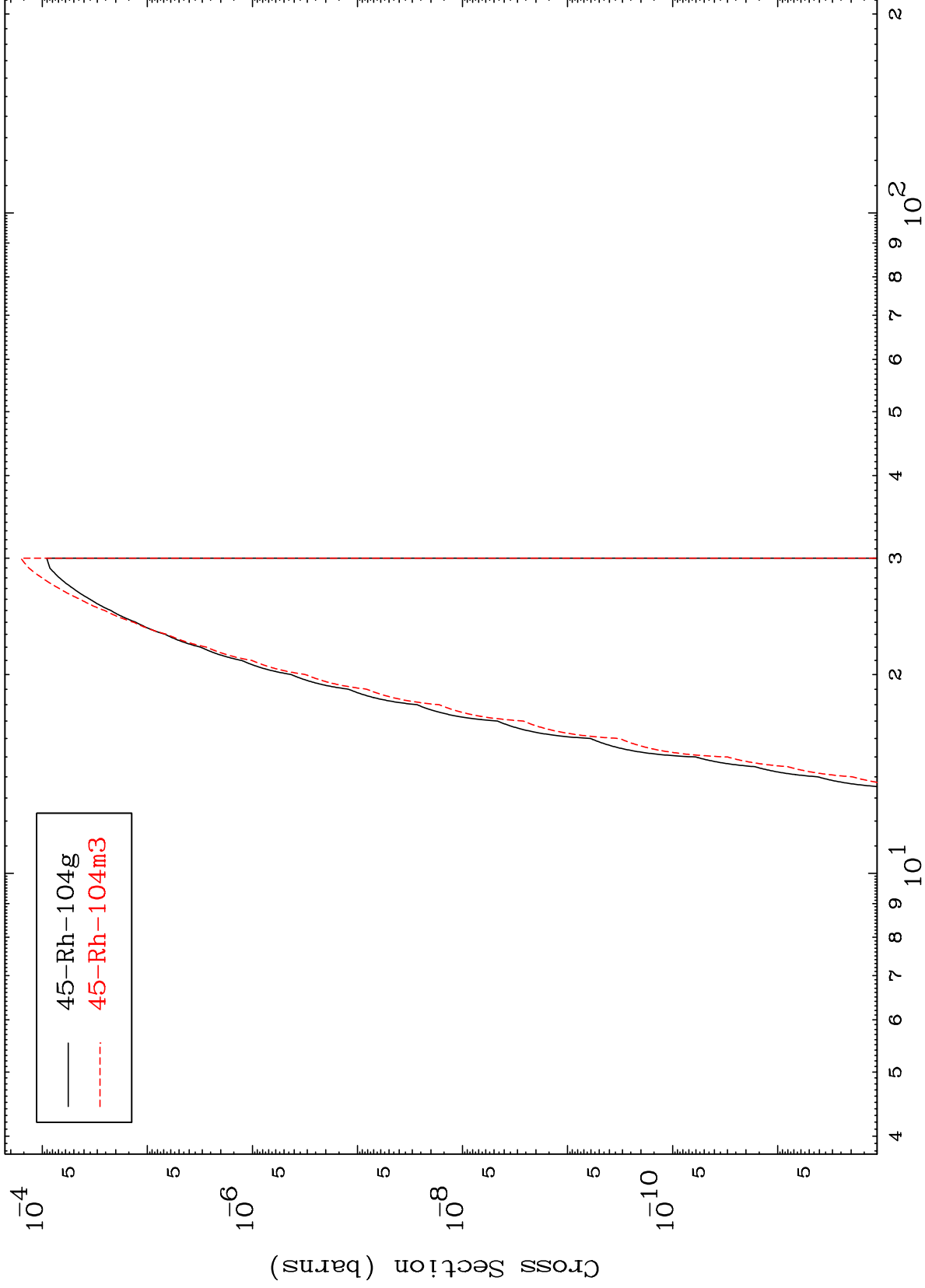
48-Cd-108

MAT 4831

(n,p) α

48-Cd-108

Radionuclide Production Cross Section



143

Incident Energy (MeV)

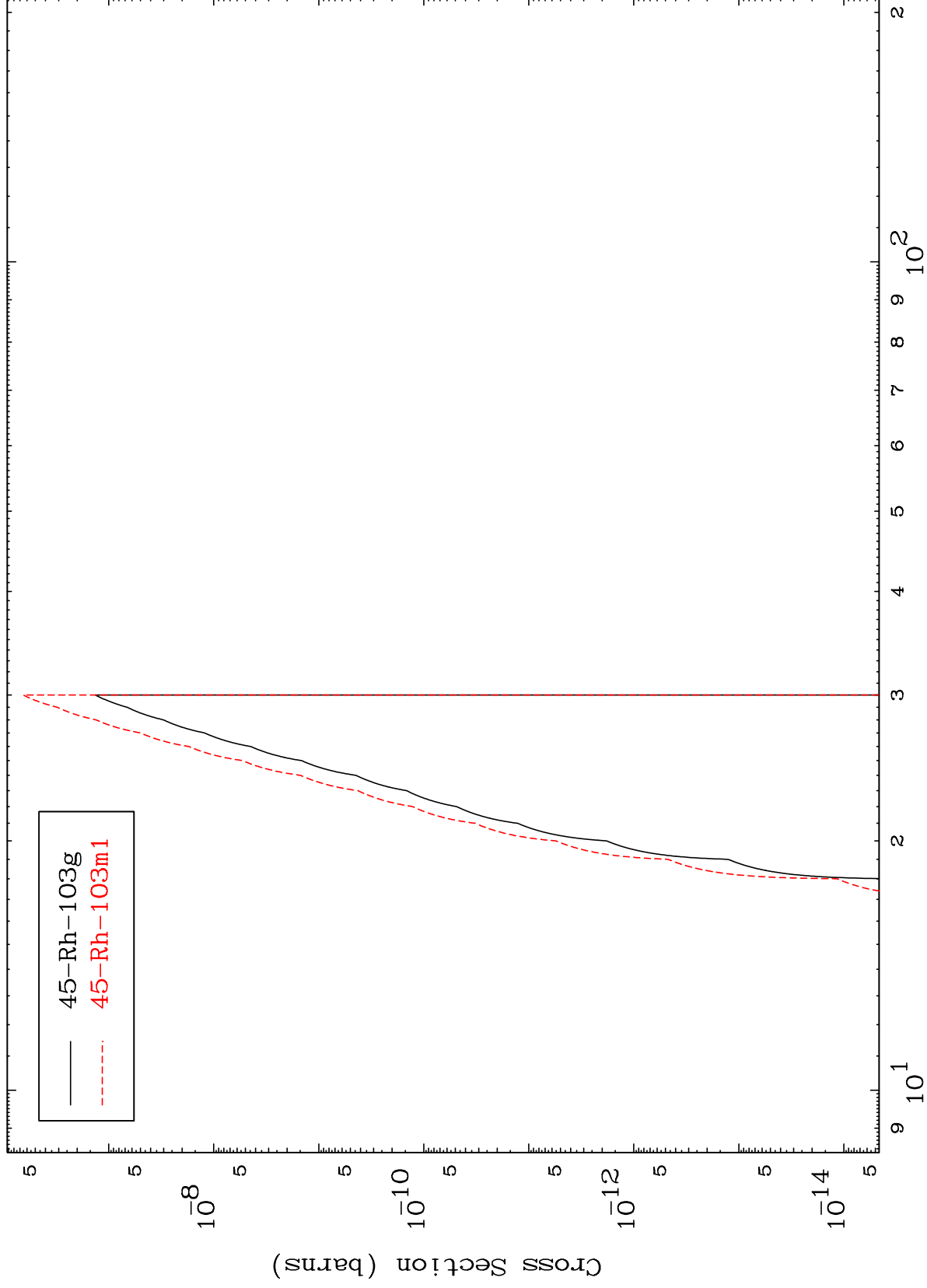
48-Cd-108

MAT 4831

(n,d) α

48-Cd-108

Radionuclide Production Cross Section



144

Incident Energy (MeV)

48-Cd-108