

Program EVALPLOT
(Version 2018-1)

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

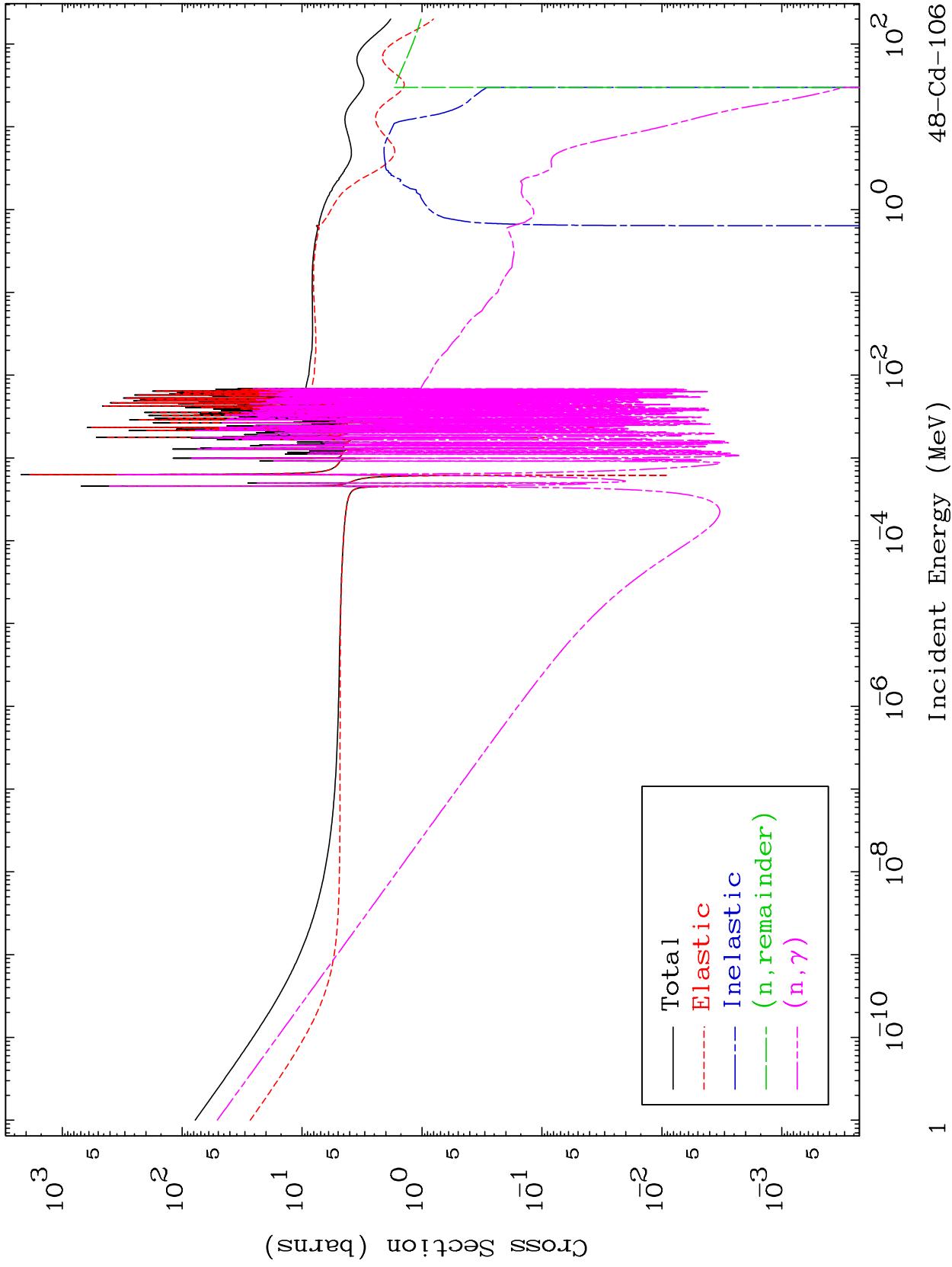
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4825

Major
293 Kelvin Cross Sections

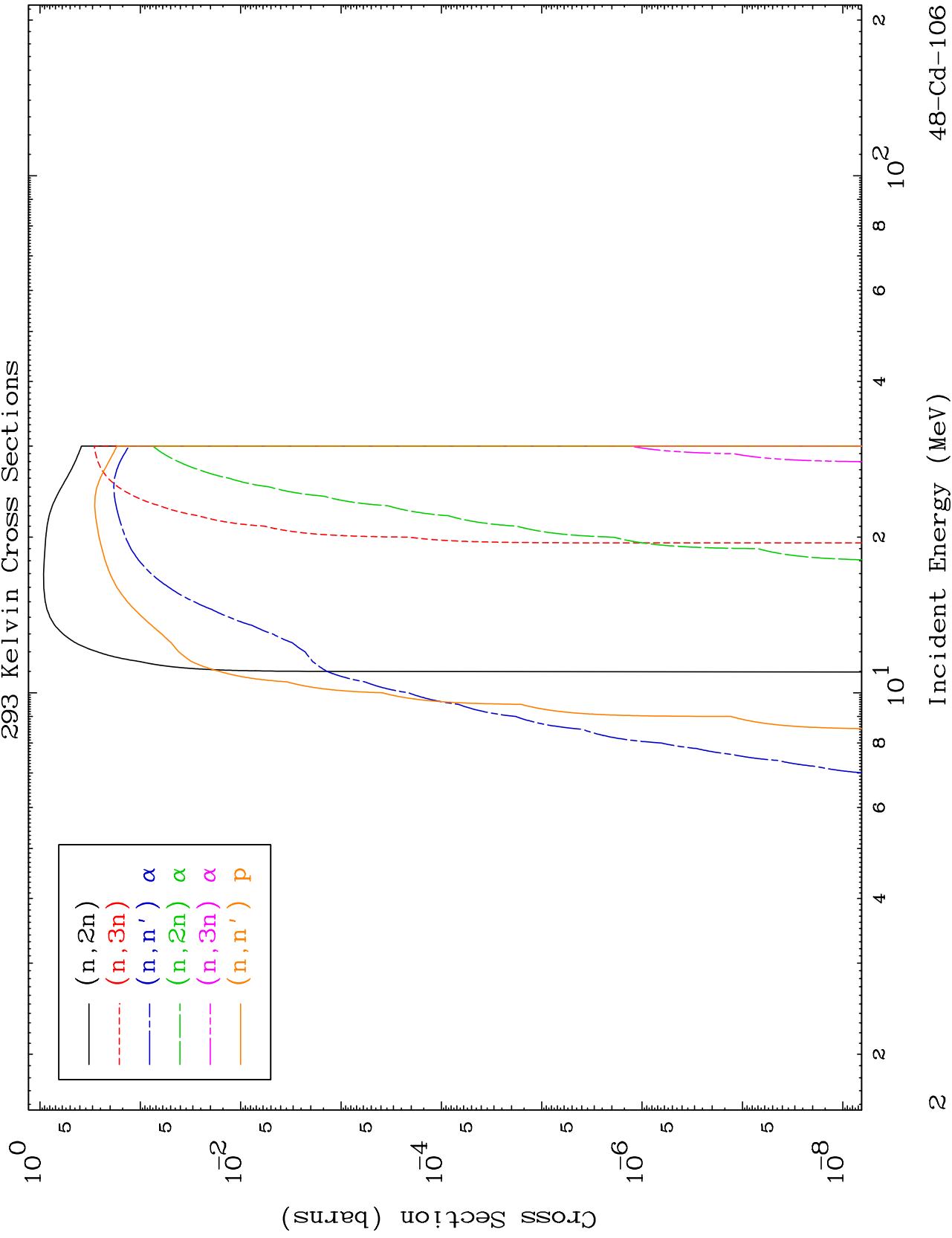
48-Cd-106



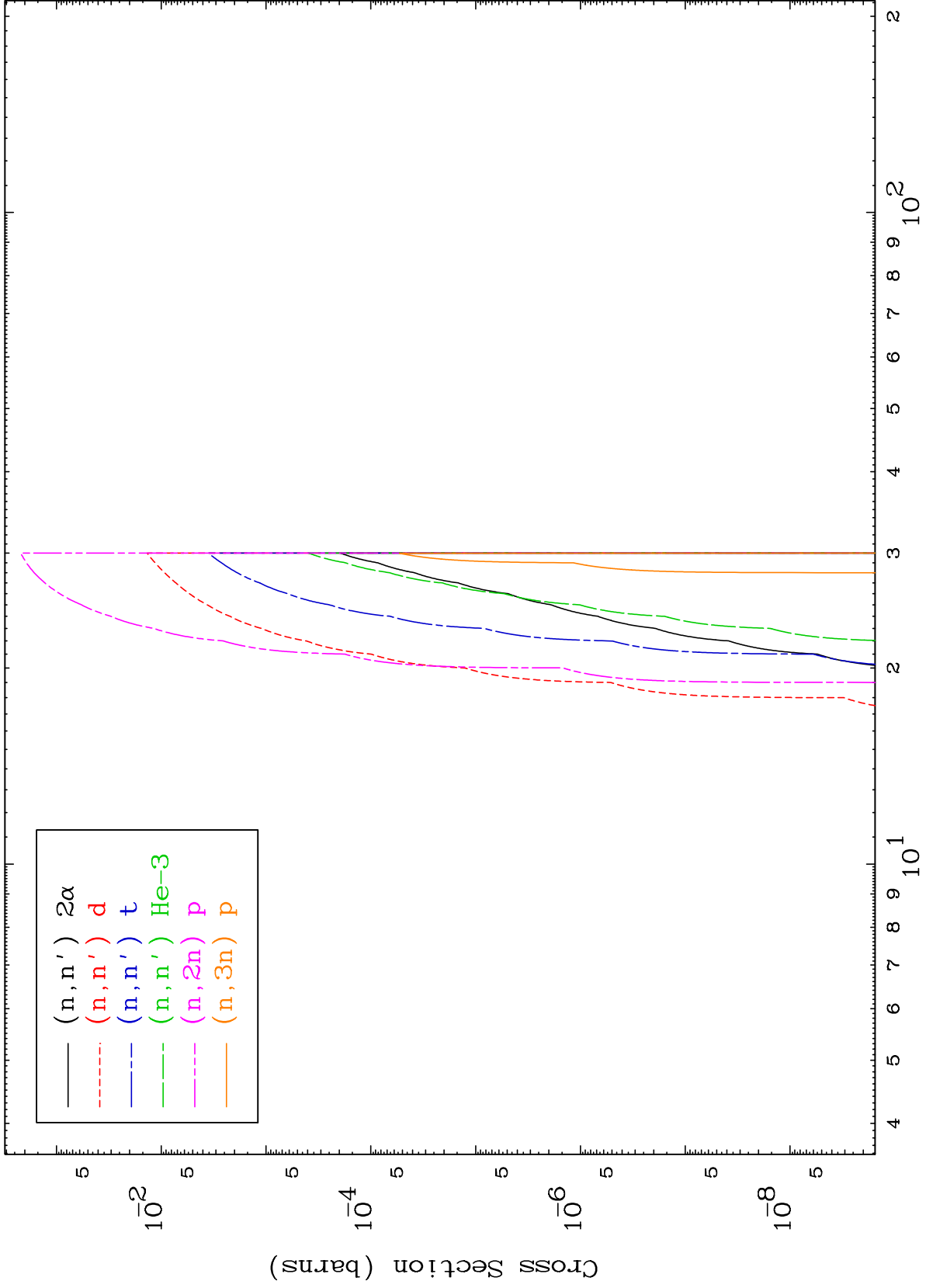
MAT 4825

Neutron Production
293 Kelvin Cross Sections

48-Cd-106



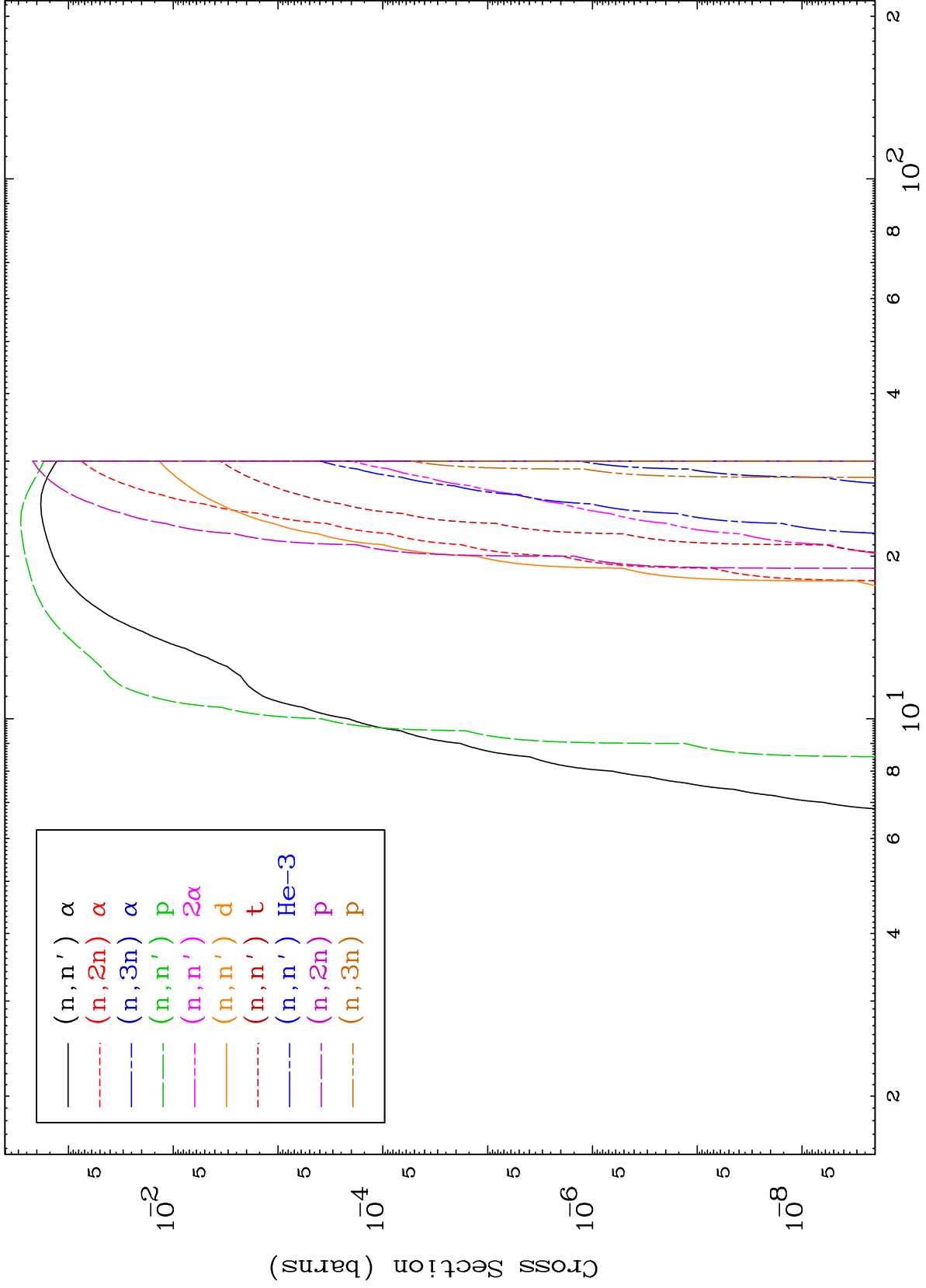
2



MAT 4825

Charged Particle
293 Kelvin Cross Sections

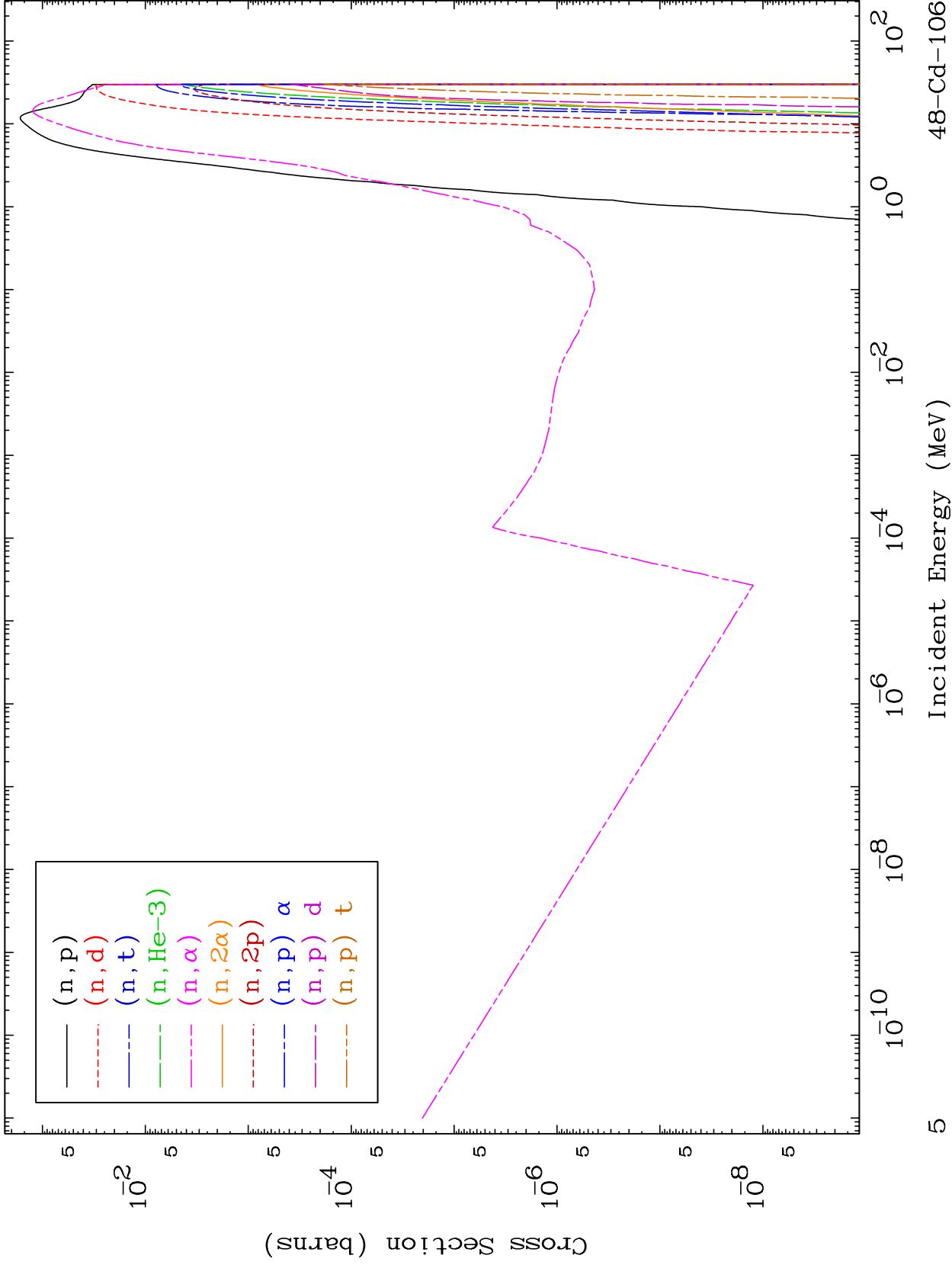
48-Cd-106



MAT 4825

Charged Particle
293 Kelvin Cross Sections

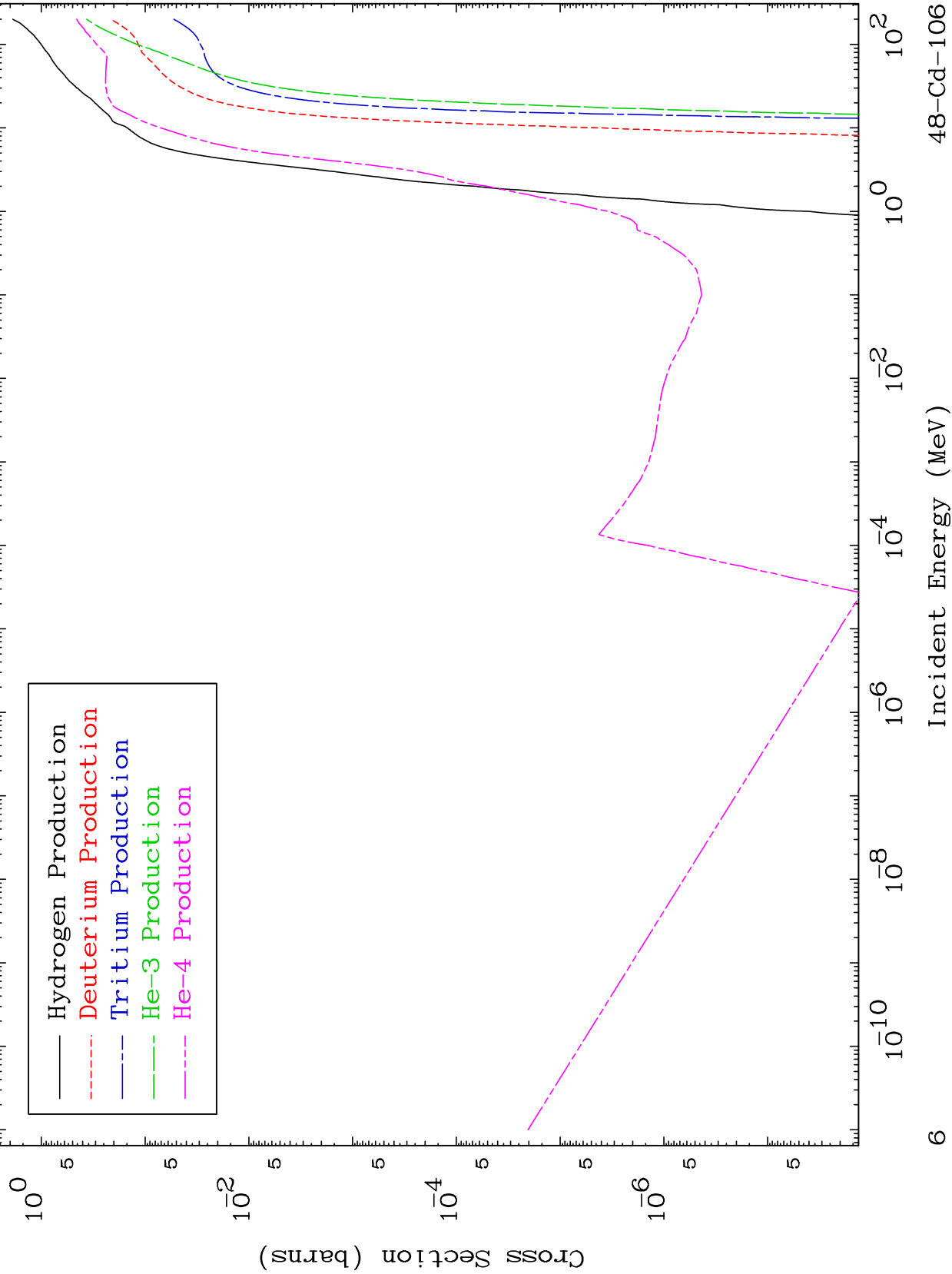
48-Cd-106



MAT 4825

Particle Production
293 Kelvin Cross Sections

48-Cd-106

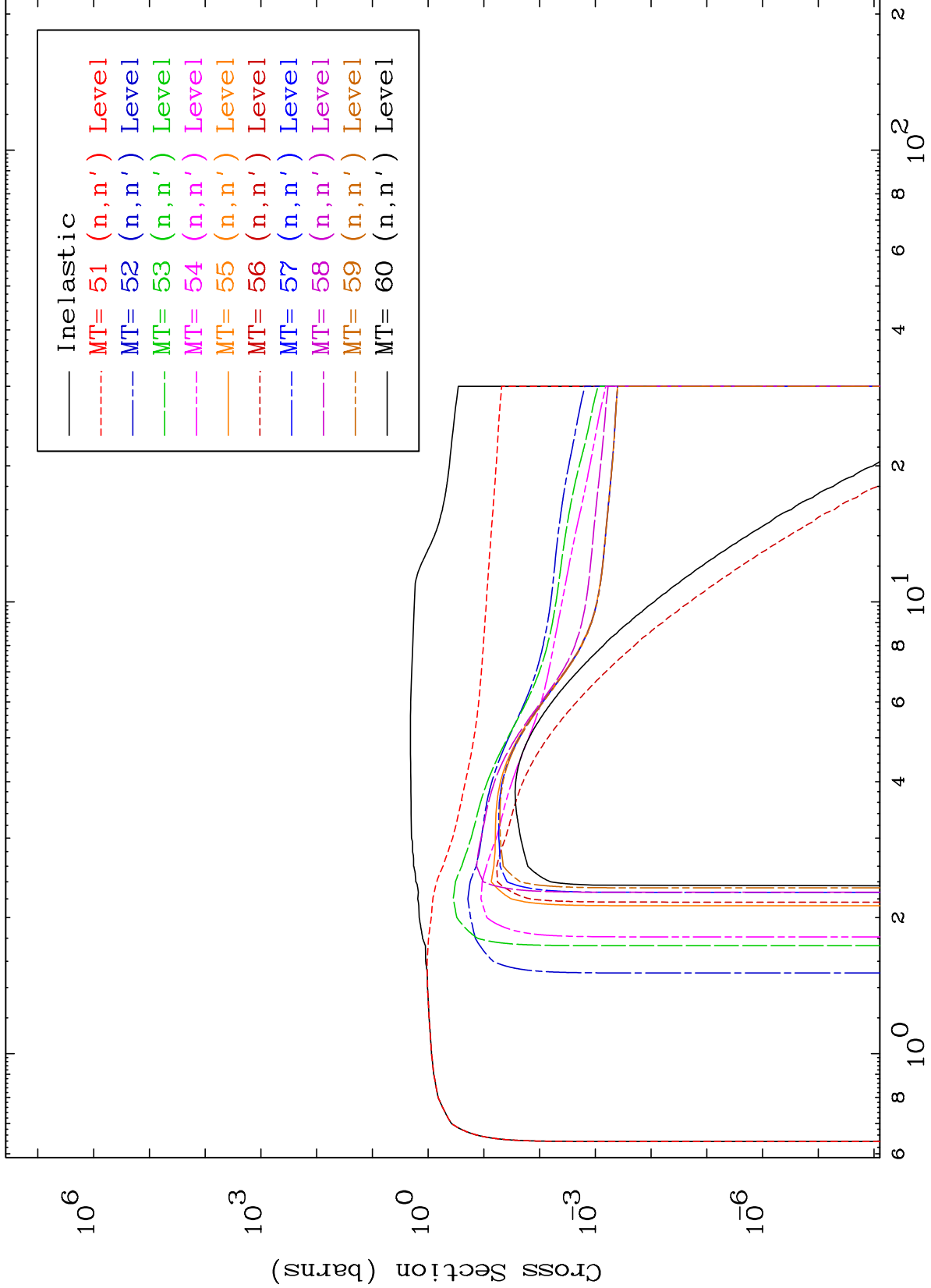


MAT 4825

(n,n') Level

48-Cd-106

293 Kelvin Cross Sections



Incident Energy (MeV)

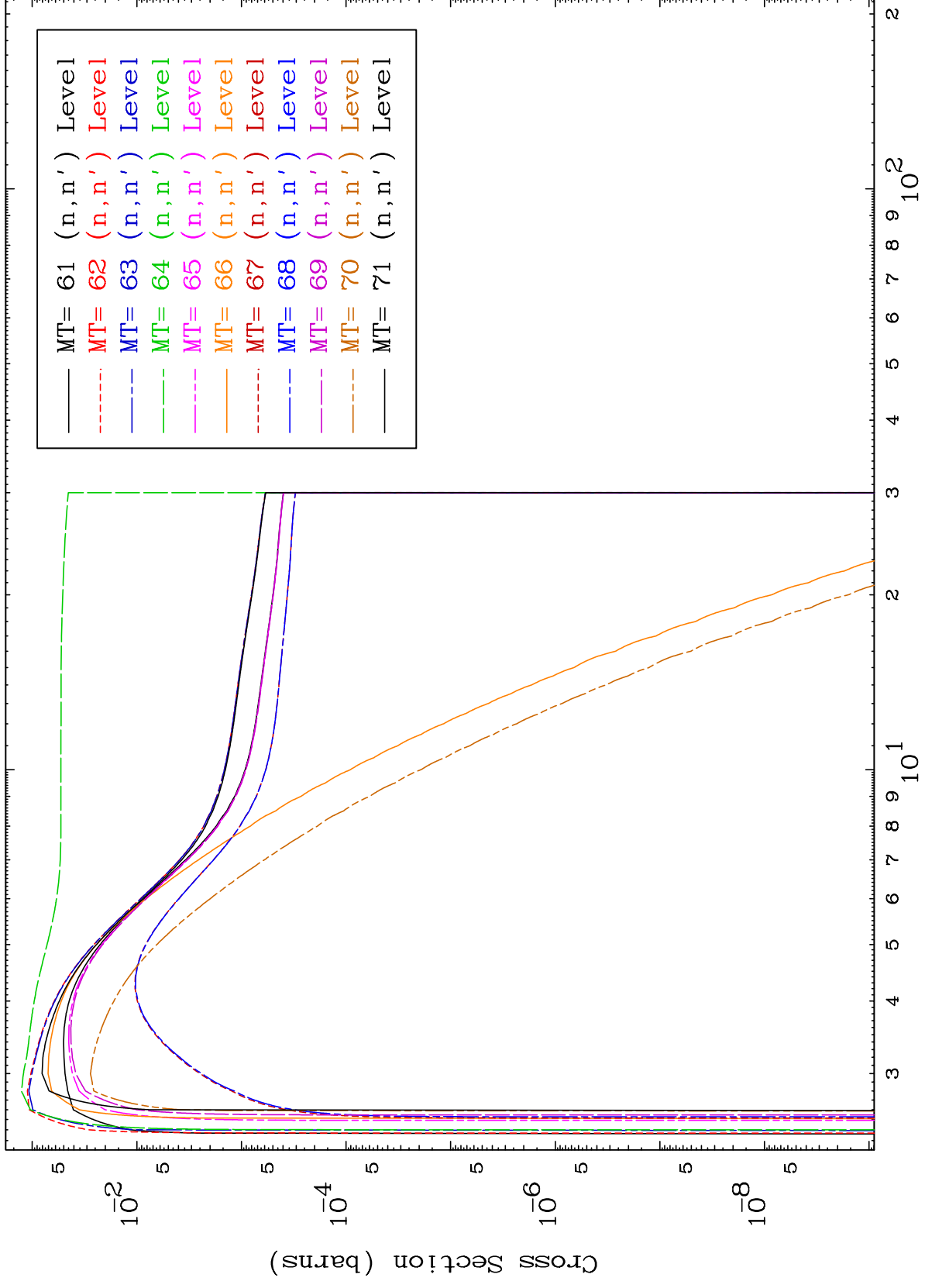
48-Cd-106

MAT 4825

(n,n') Level

48-Cd-106

293 Kelvin Cross Sections



8

Incident Energy (MeV)

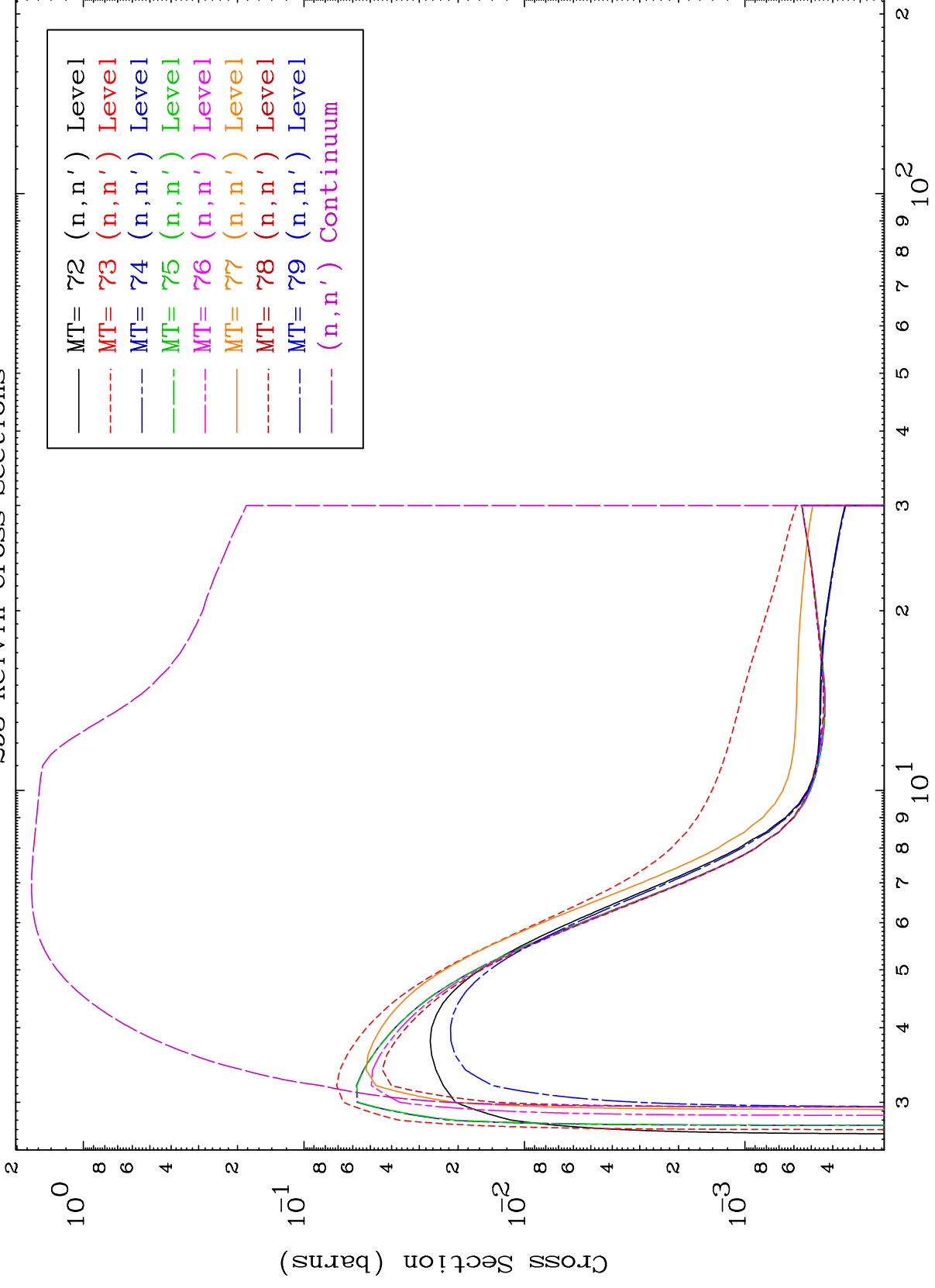
48-Cd-106

MAT 4825

(n,n') Level

48-Cd-106

293 Kelvin Cross Sections



9

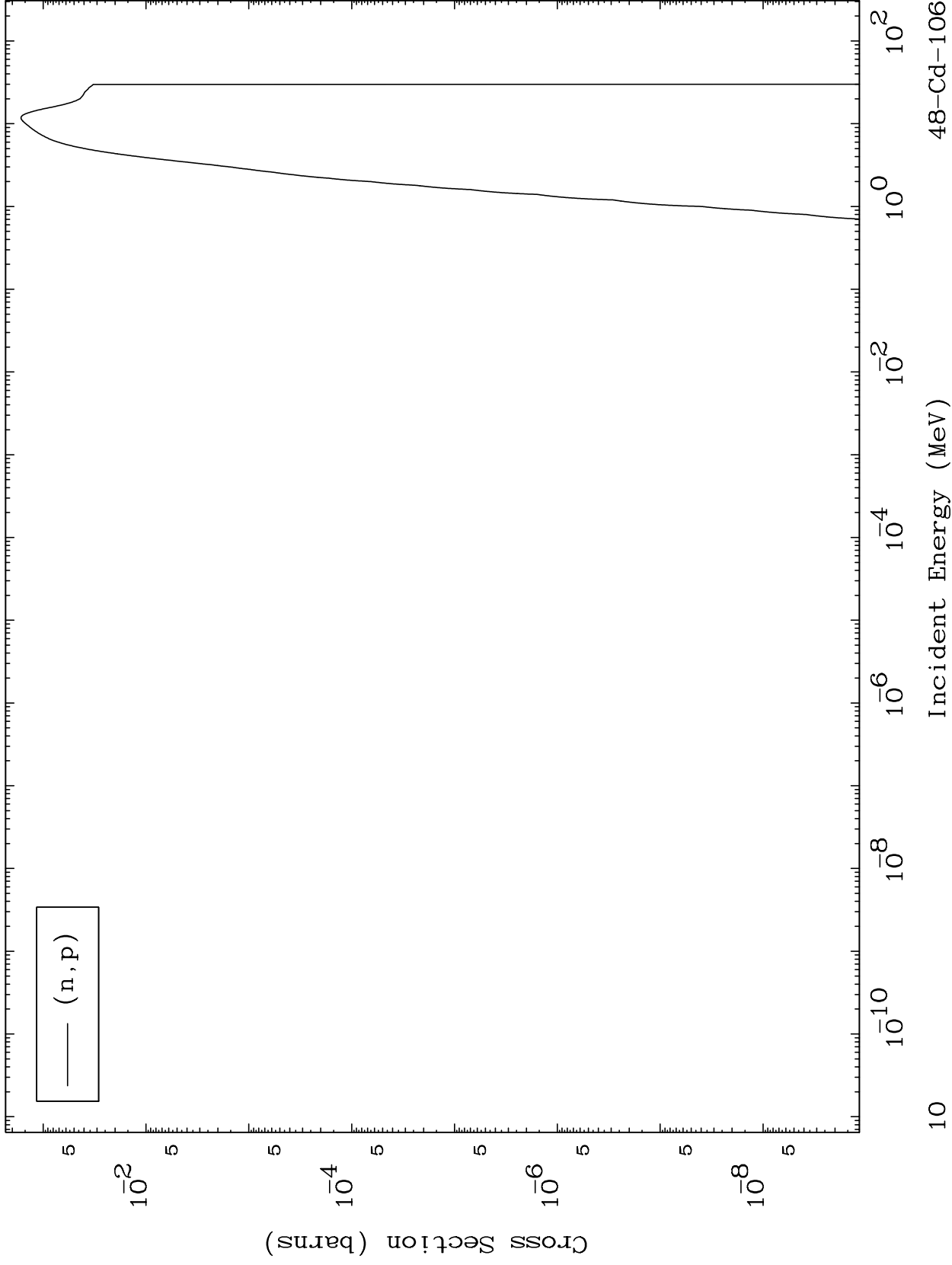
Incident Energy (MeV)

48-Cd-106

MAT 4825

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-106



10

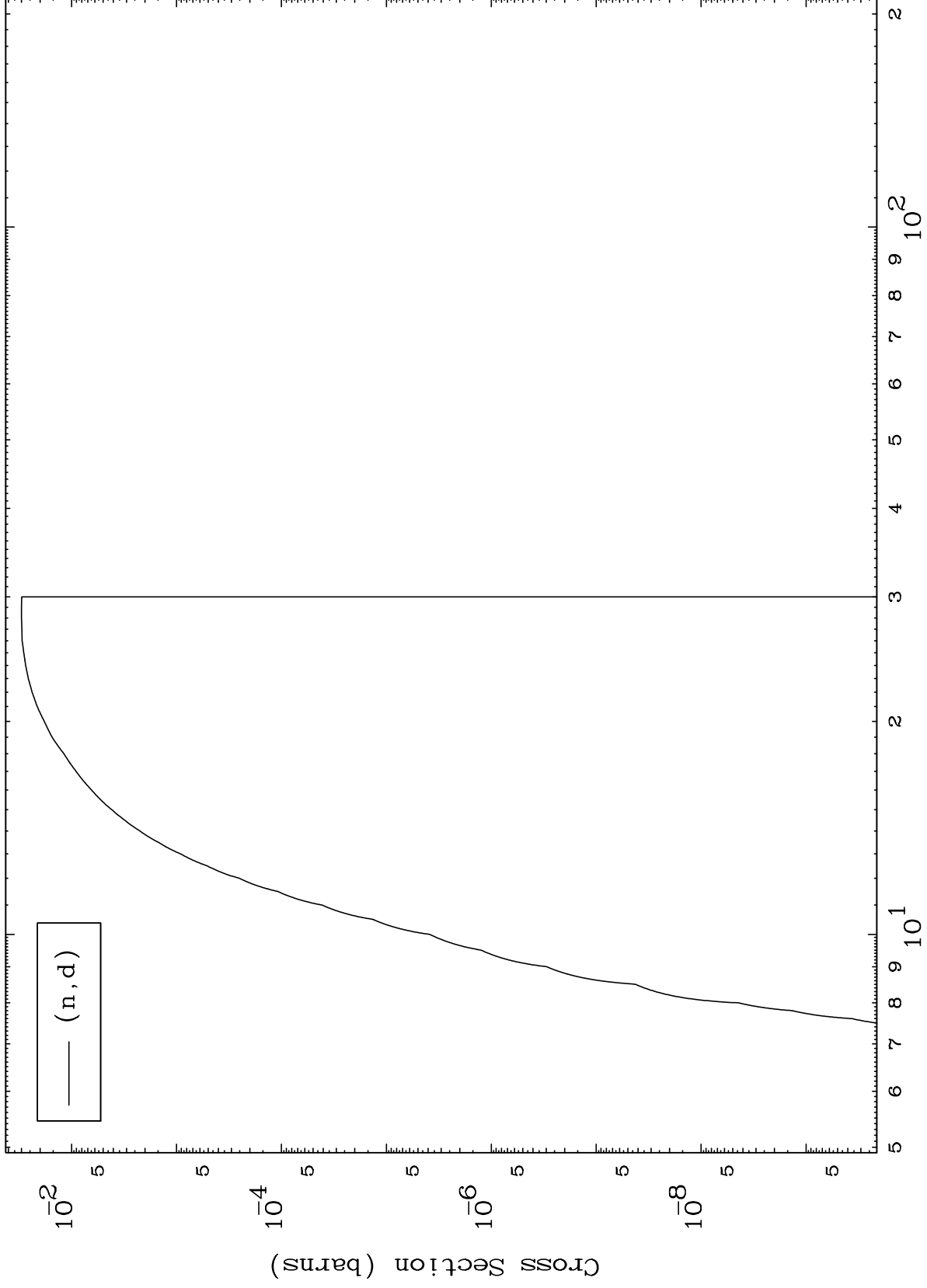
Incident Energy (MeV)

48-Cd-106

MAT 4825

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-106



11

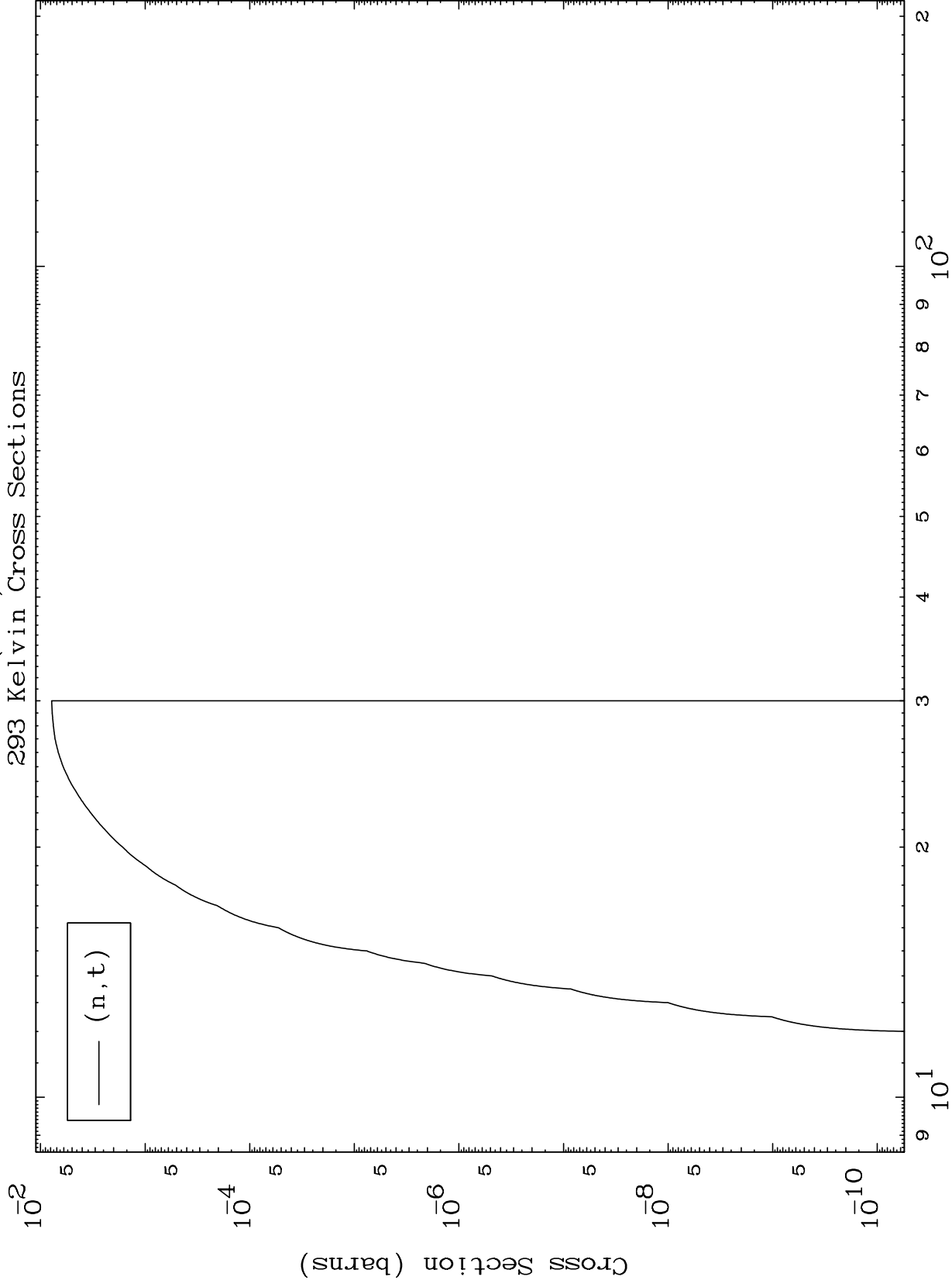
Incident Energy (MeV)

48-Cd-106

MAT 4825

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-106



Incident Energy (MeV)

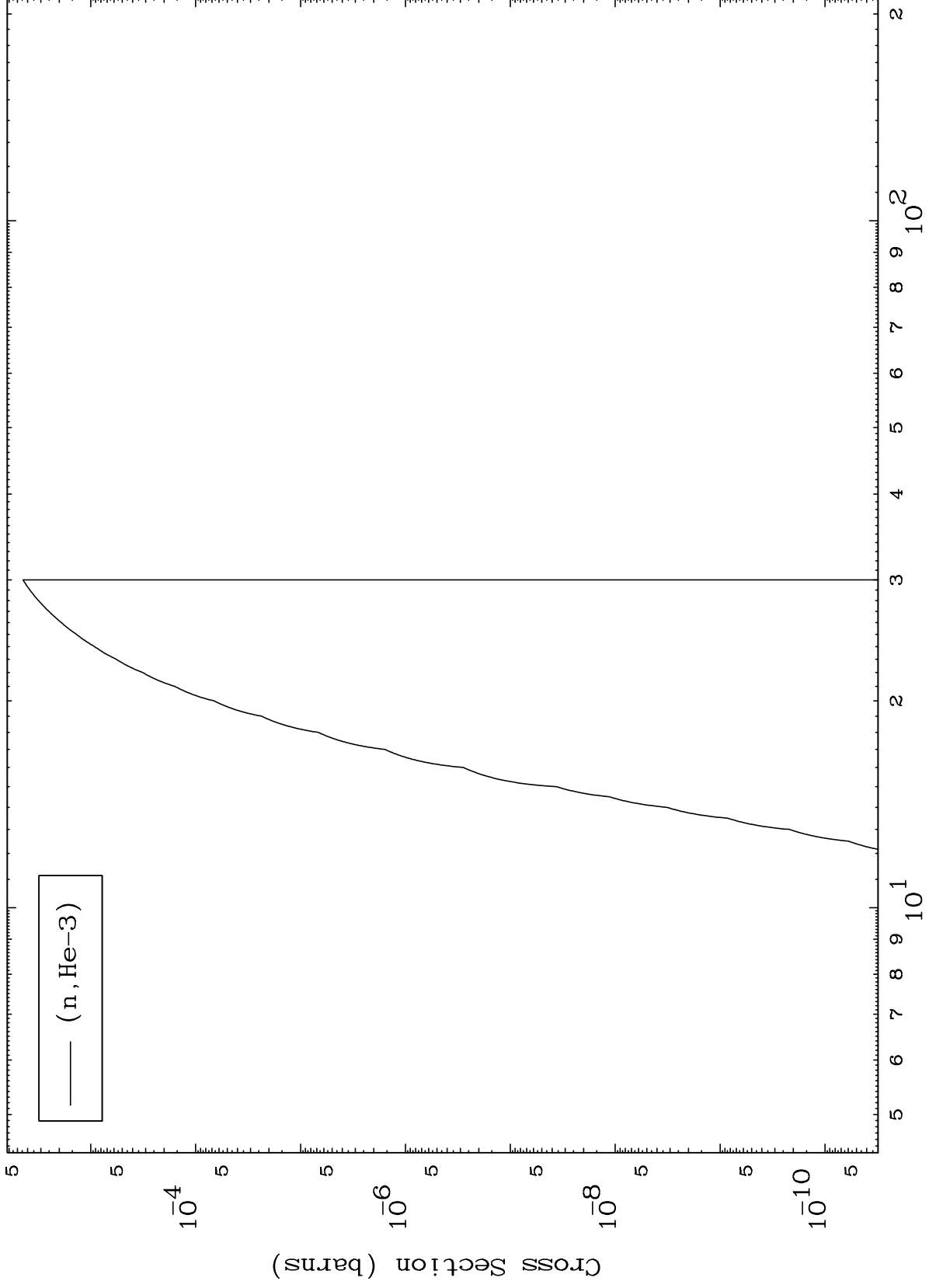
48-Cd-106

12

MAT 4825

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-106



13

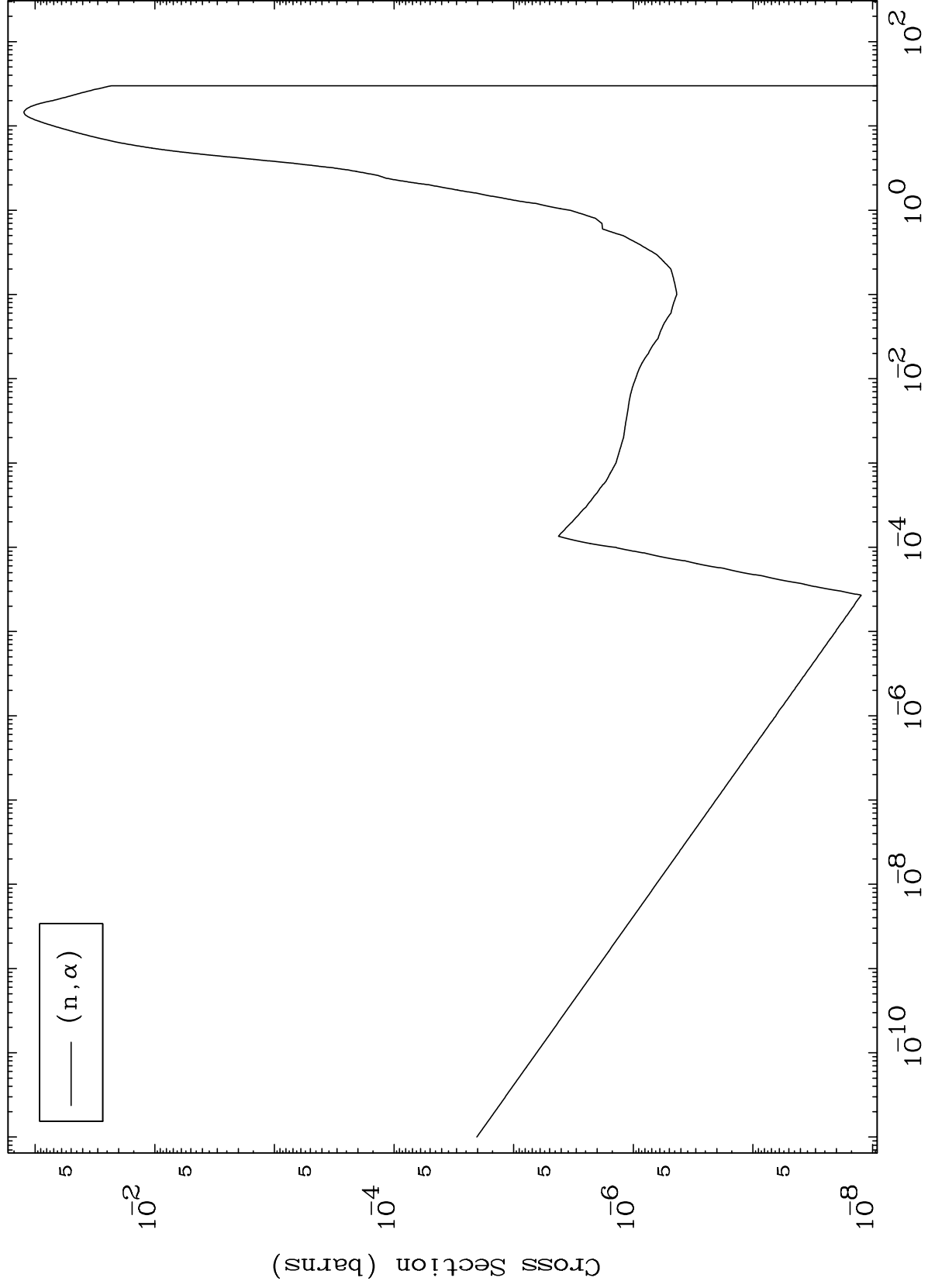
Incident Energy (MeV)

48-Cd-106

MAT 4825

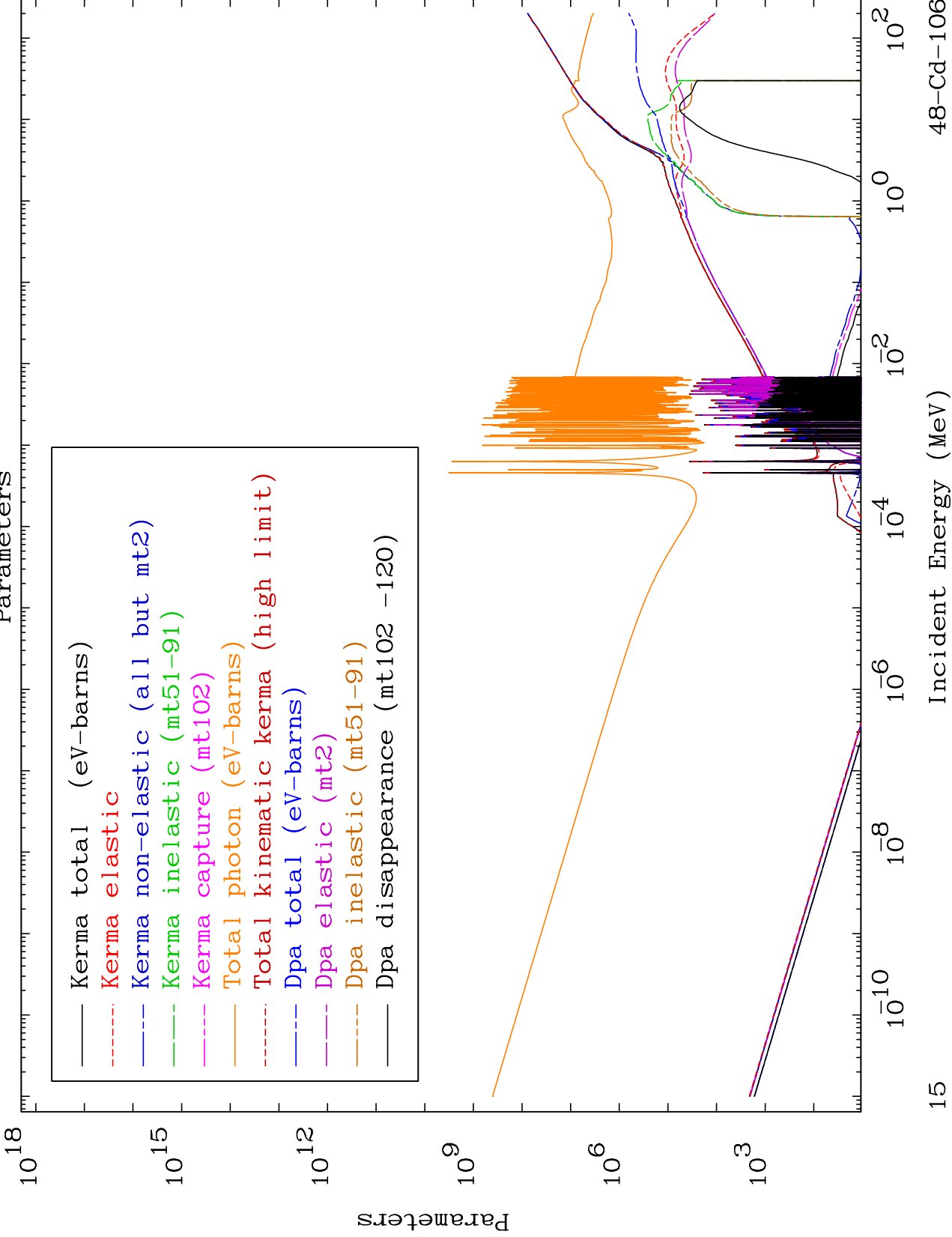
(n, α) Levels
293 Kelvin Cross Sections

48-Cd-106



14

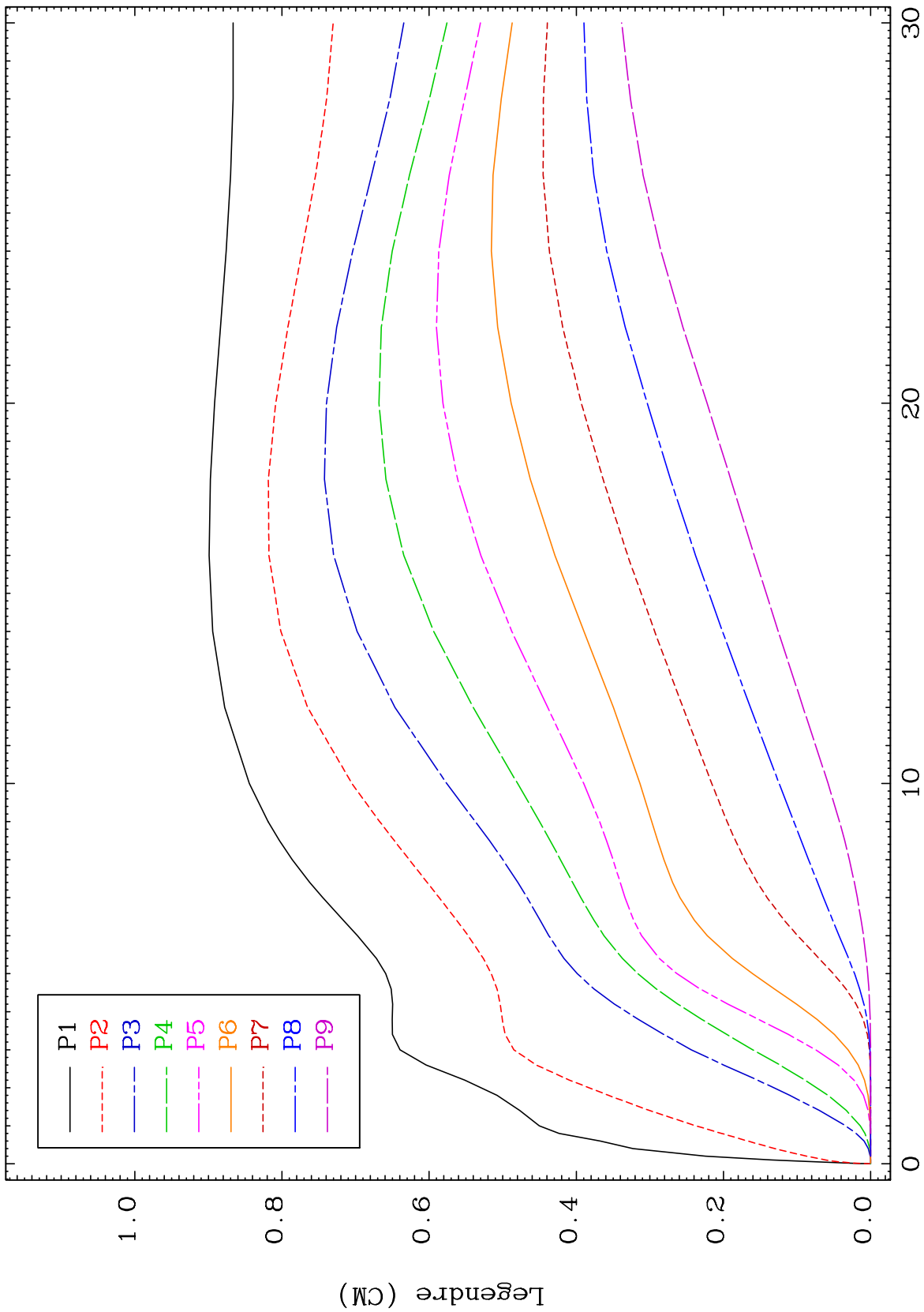
48-Cd-106



MAT 4825

Elastic Legendre Coefficients

48-Cd-106



16

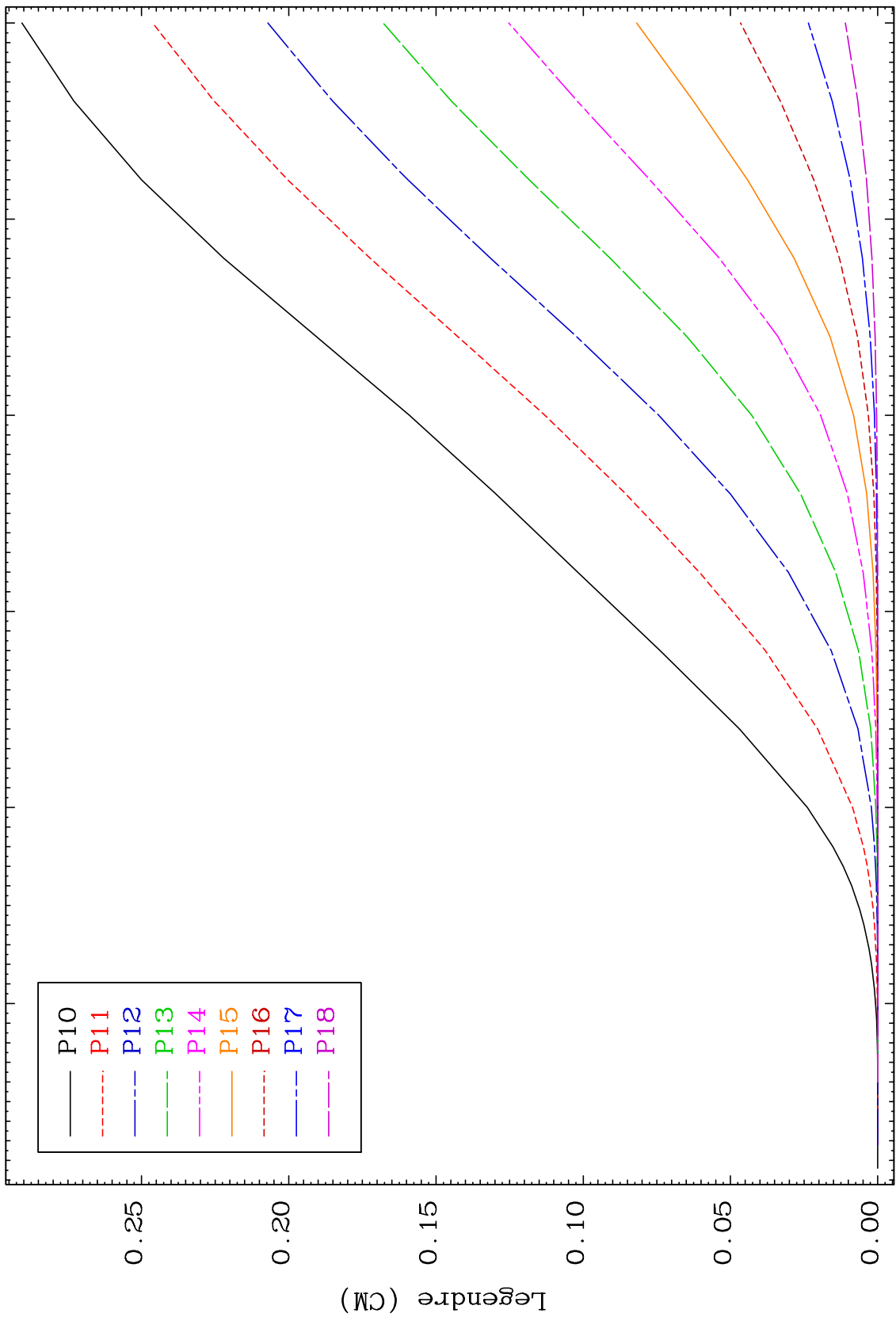
Incident Energy (MeV)

48-Cd-106

MAT 4825

Elastic Legendre Coefficients

48-Cd-106



17

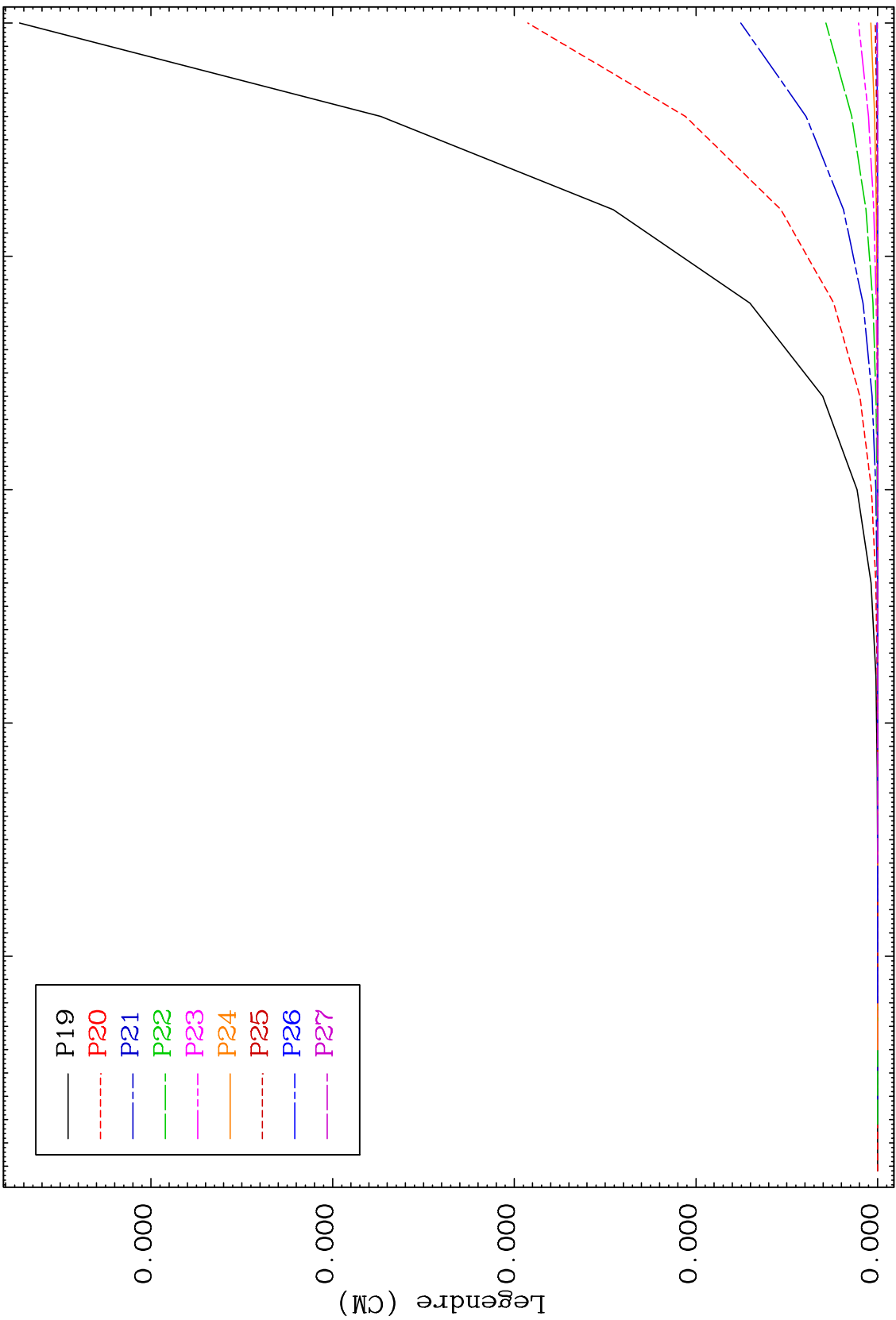
Incident Energy (MeV)

48-Cd-106

MAT 4825

Elastic Legendre Coefficients

48-Cd-106



18

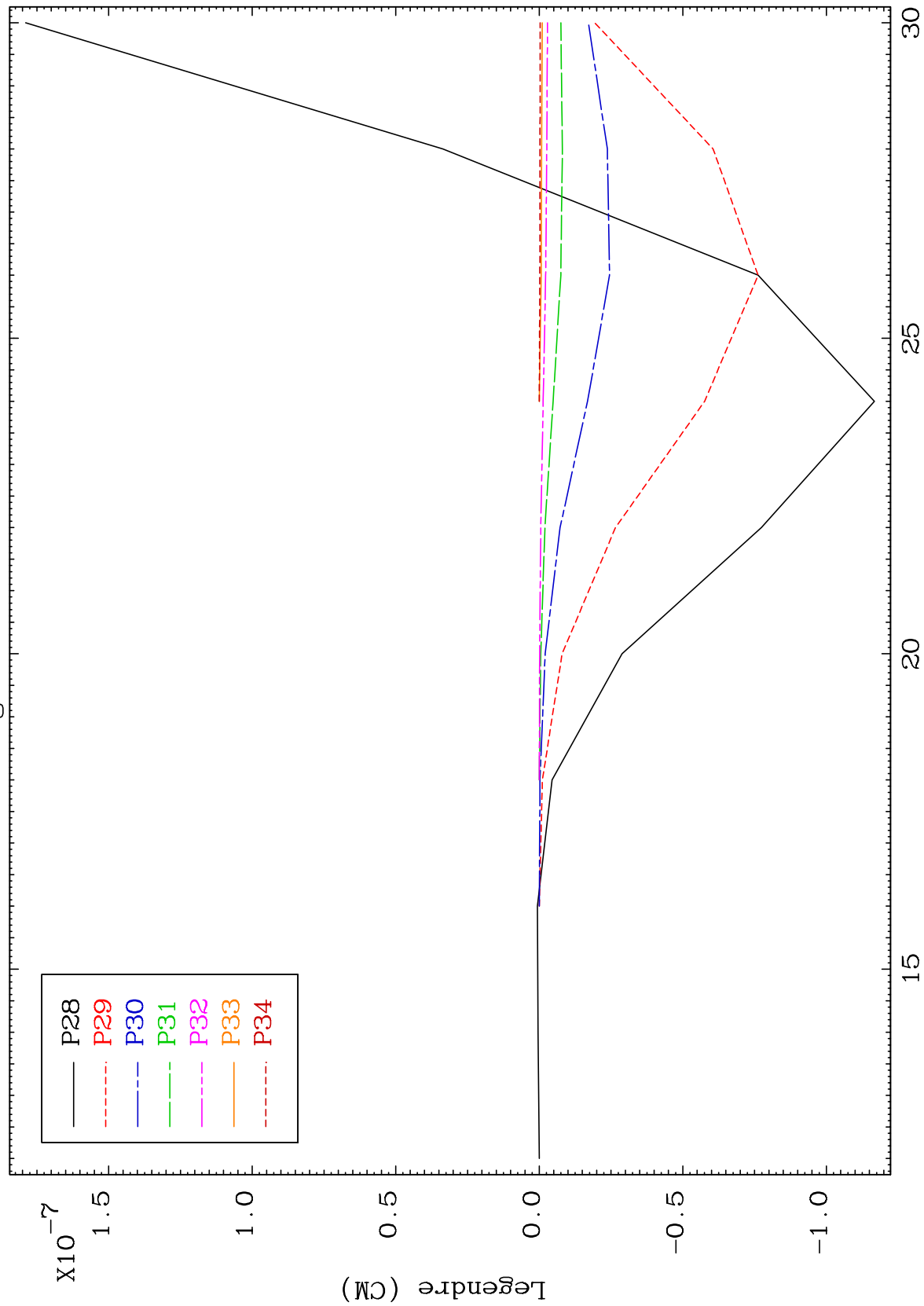
Incident Energy (MeV)

48-Cd-106

MAT 4825

Elastic Legendre Coefficients

48-Cd-106



19

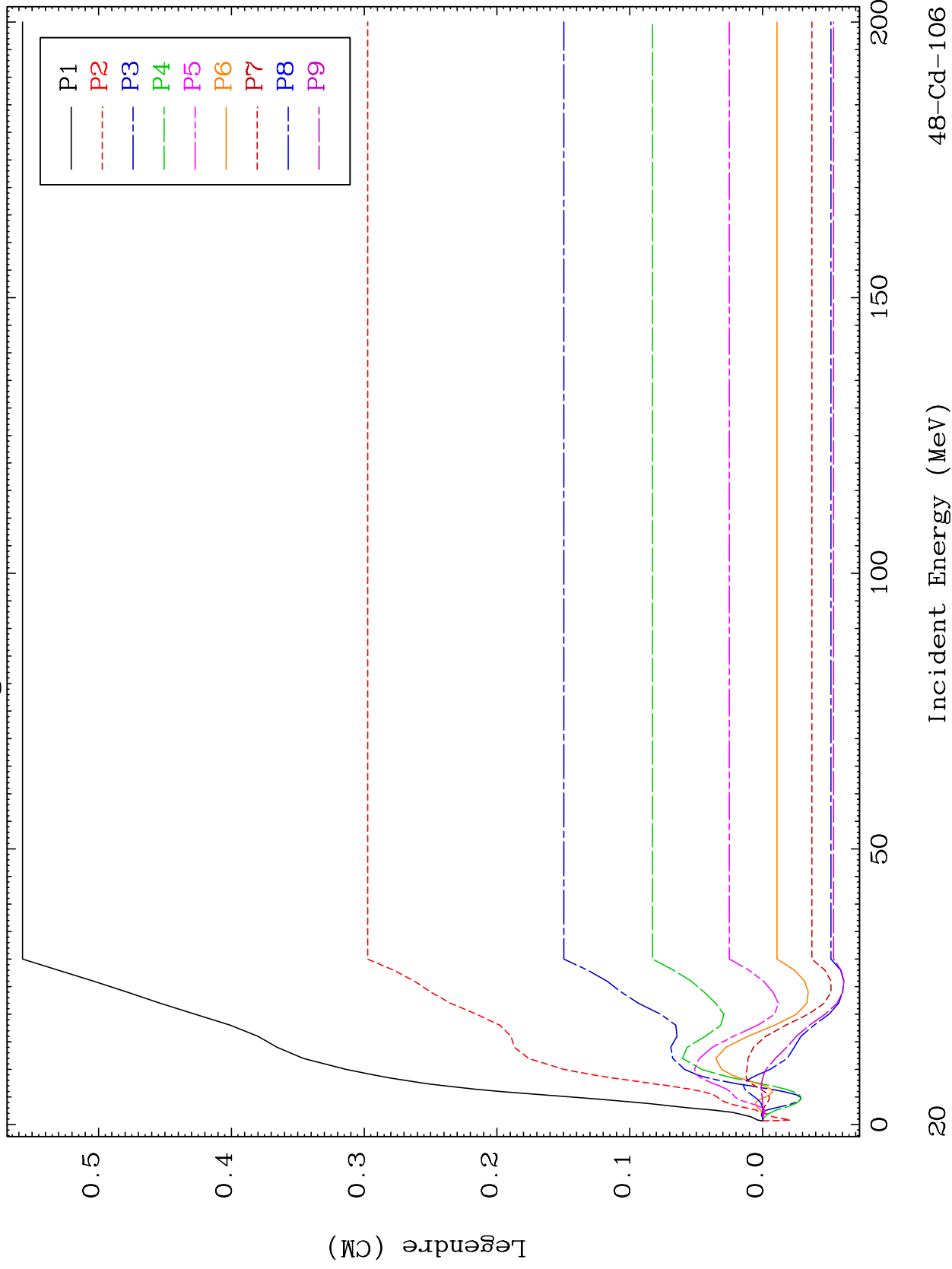
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

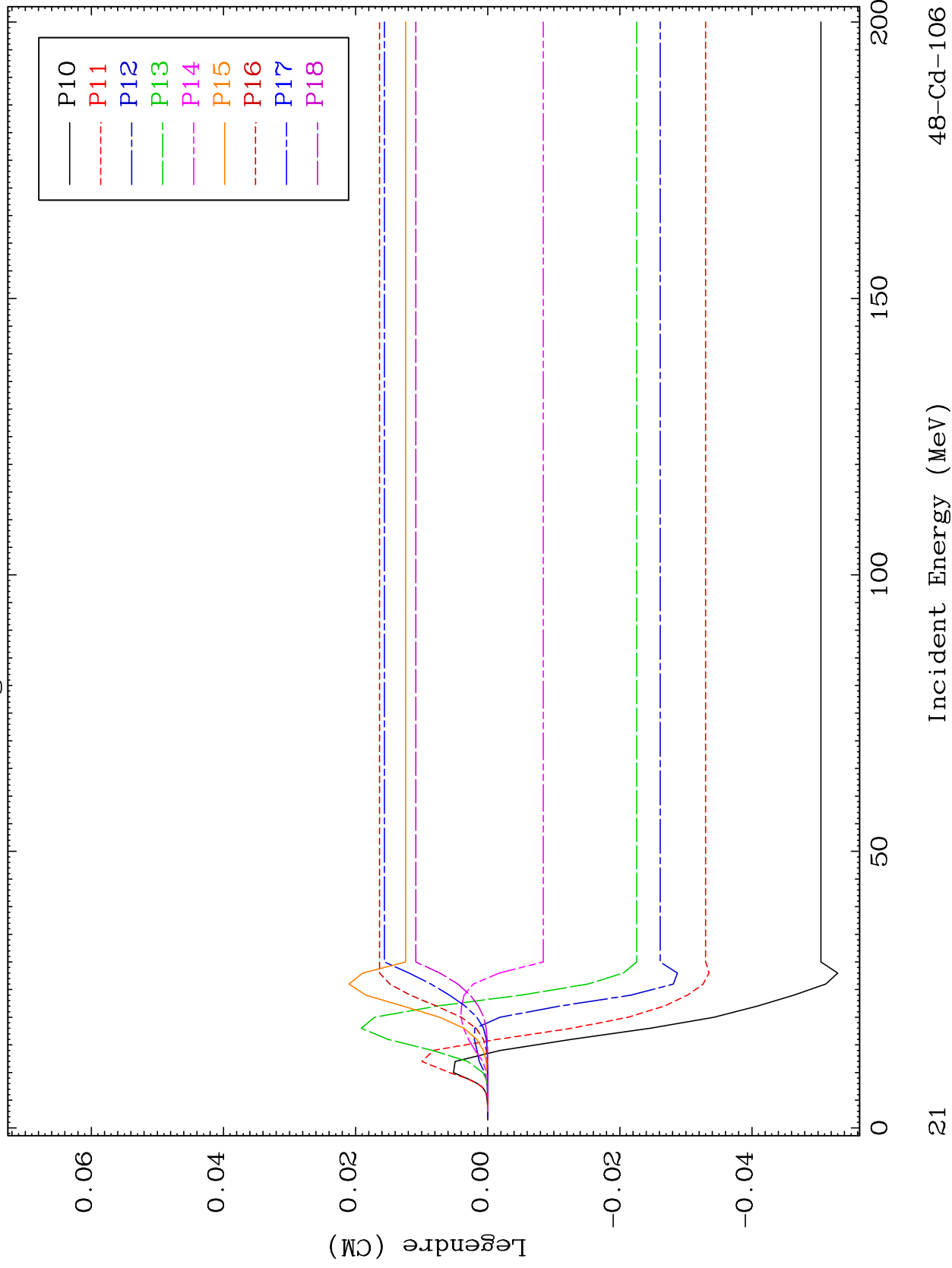
48-Cd-106



MAT 4825

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

48-Cd-106



21

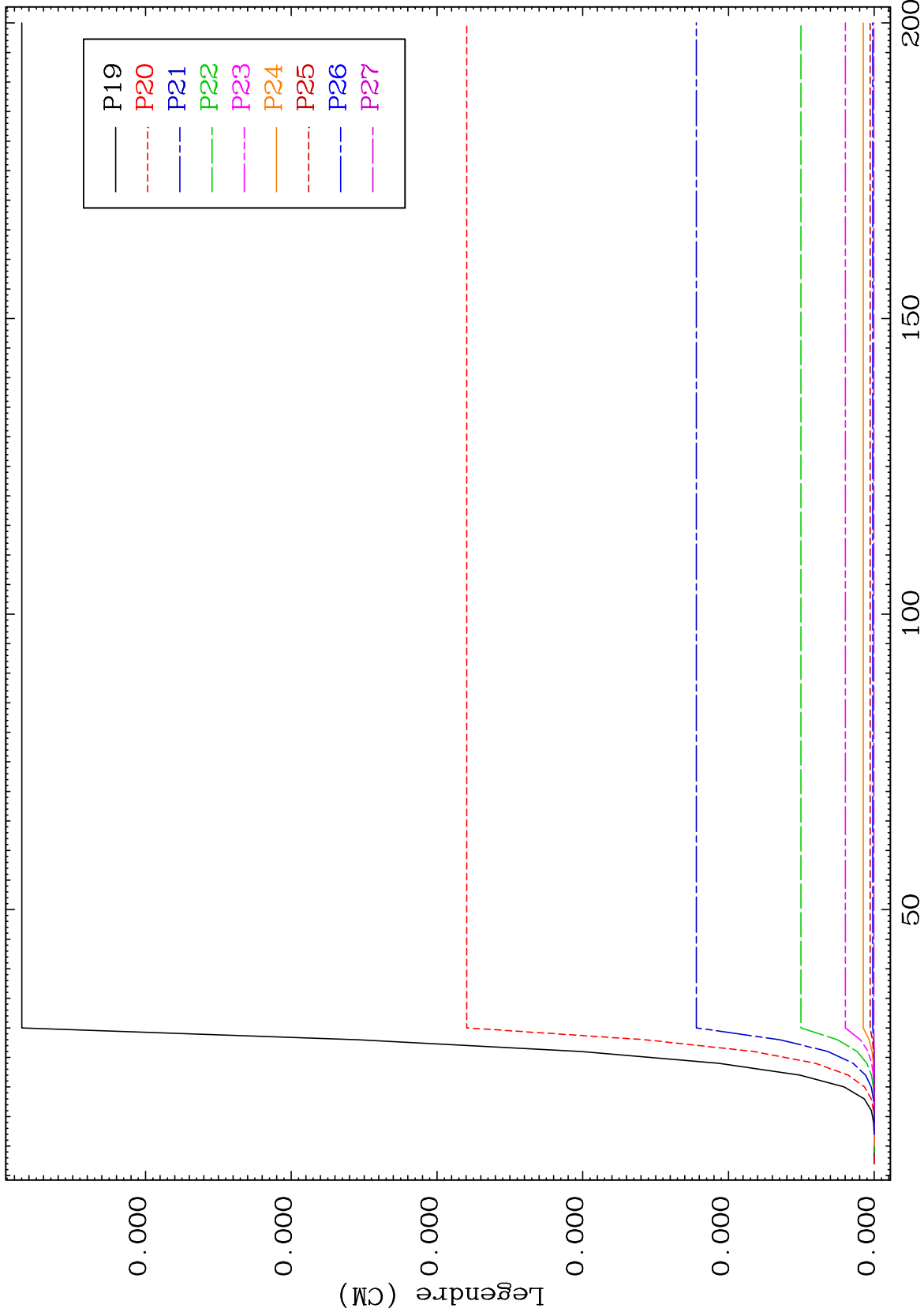
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



22

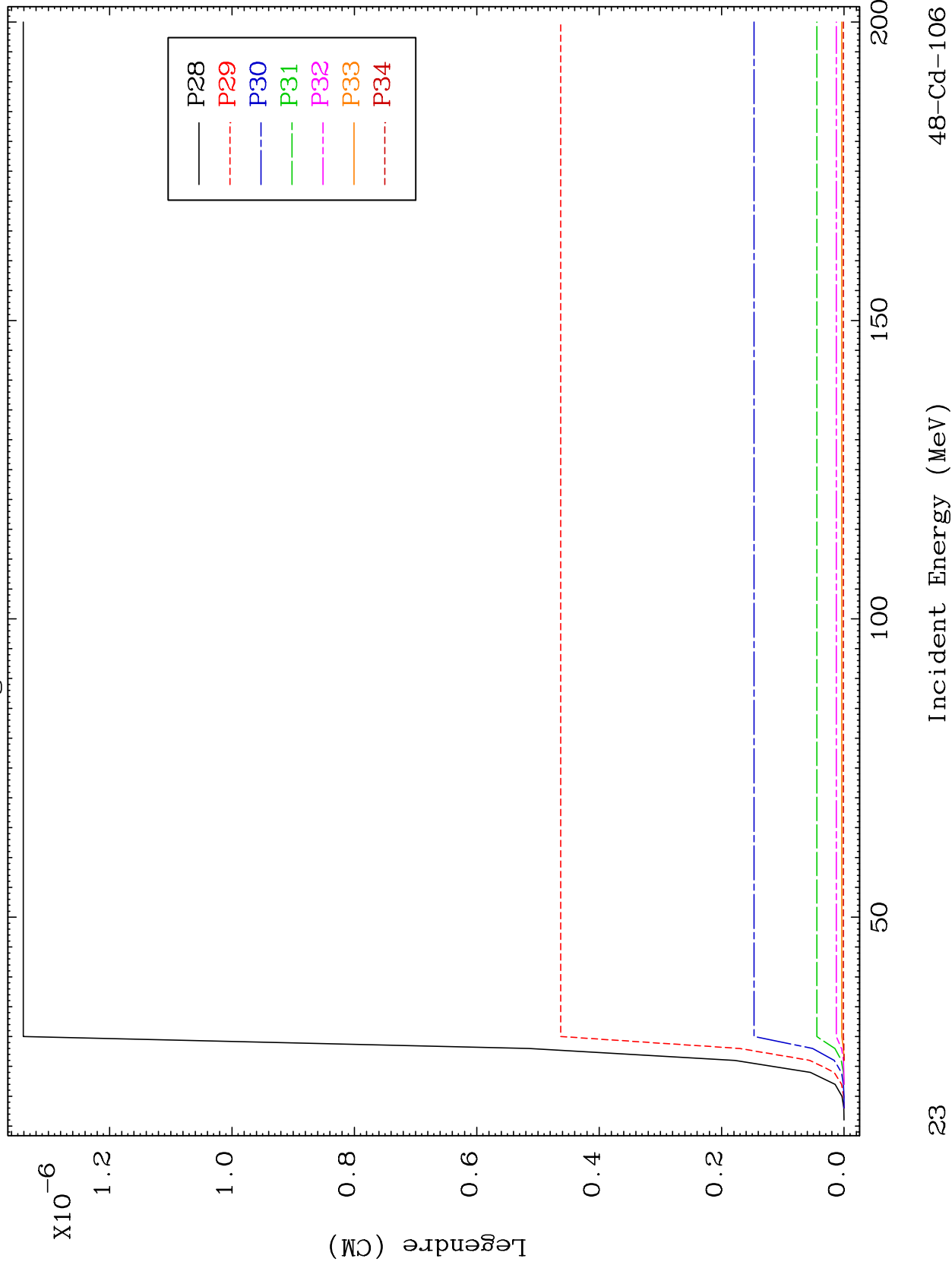
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

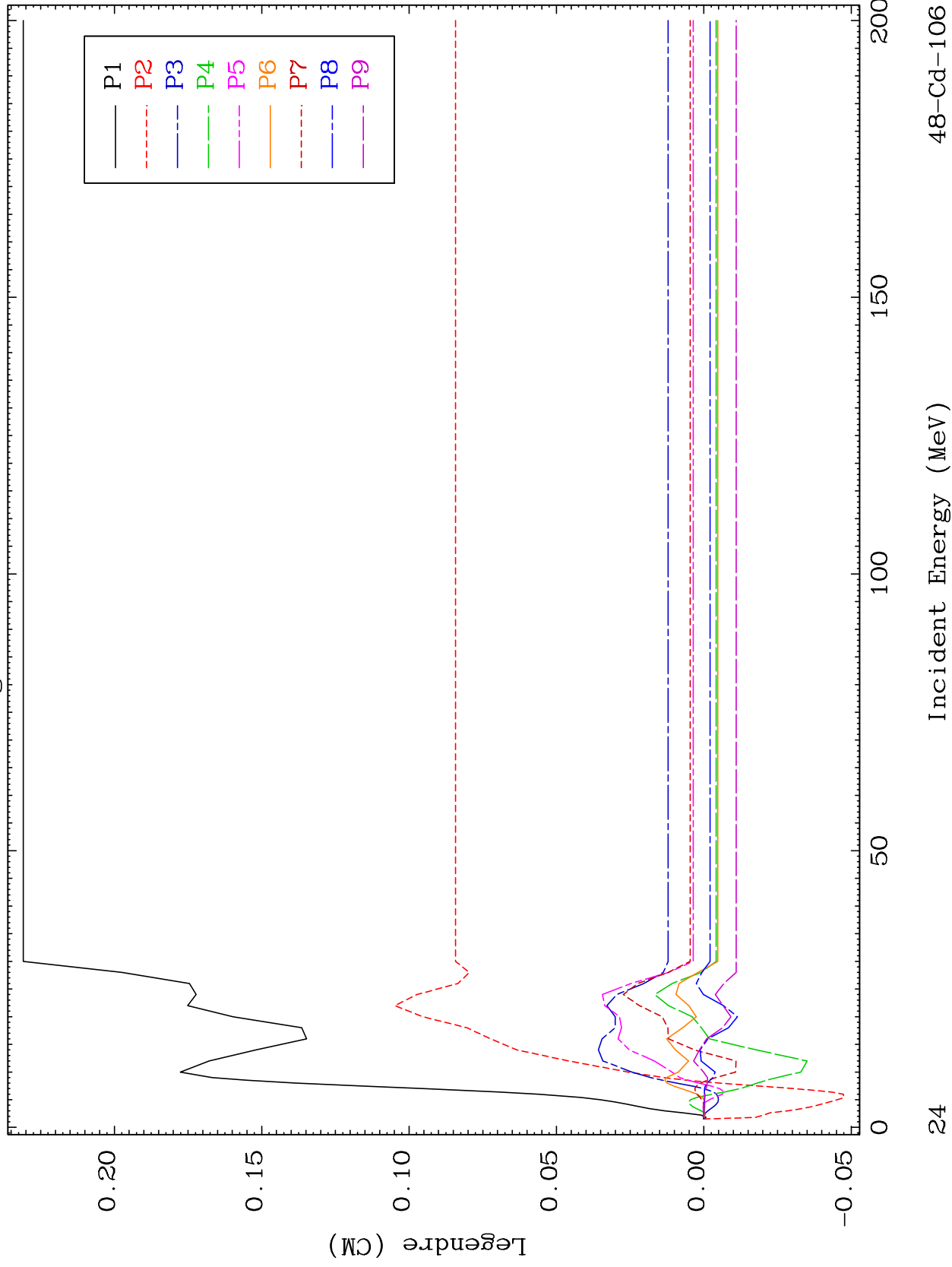
48-Cd-106



MAT 4825

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

48-Cd-106



48-Cd-106

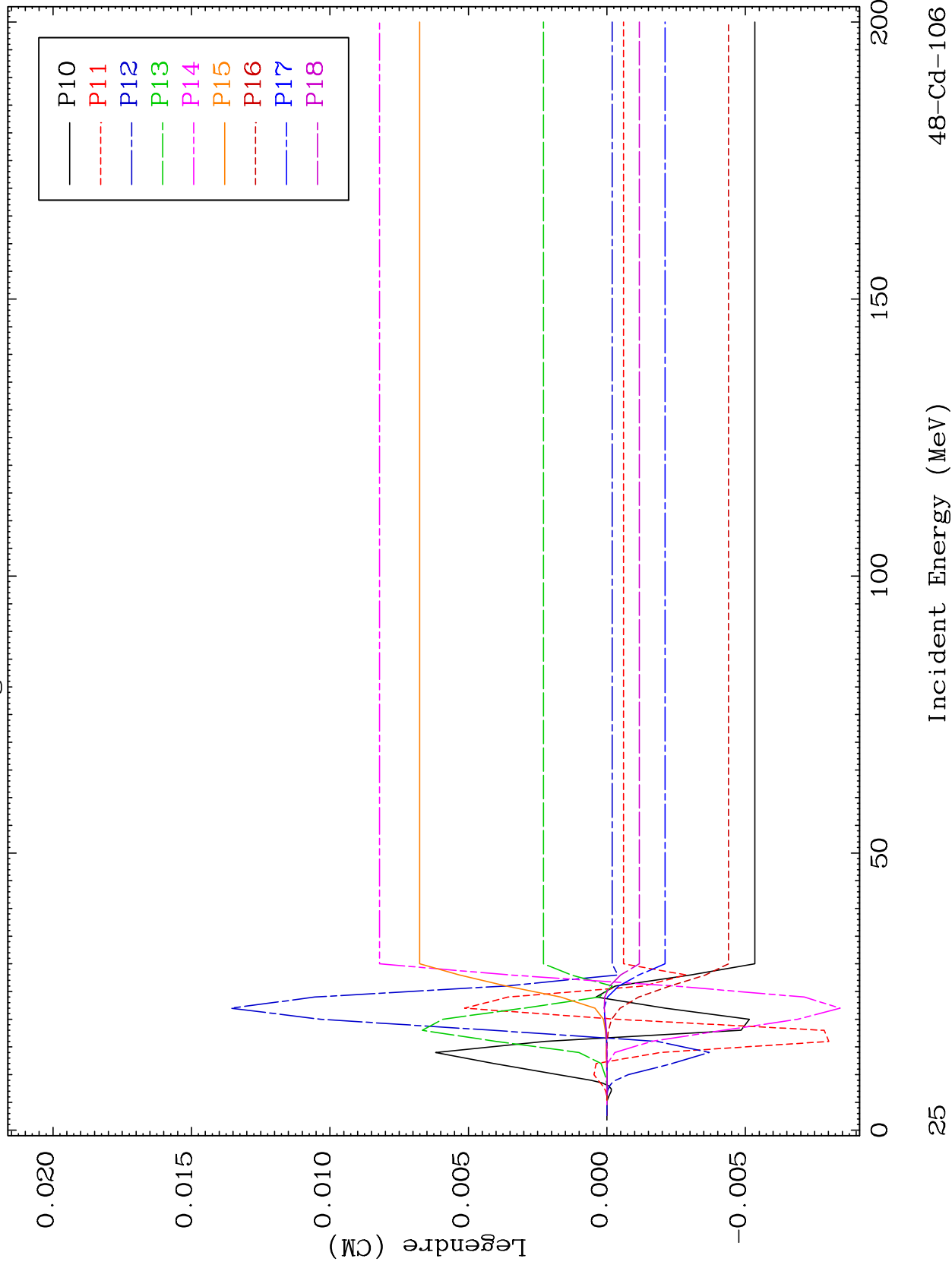
Incident Energy (MeV)

24

MAT 4825

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

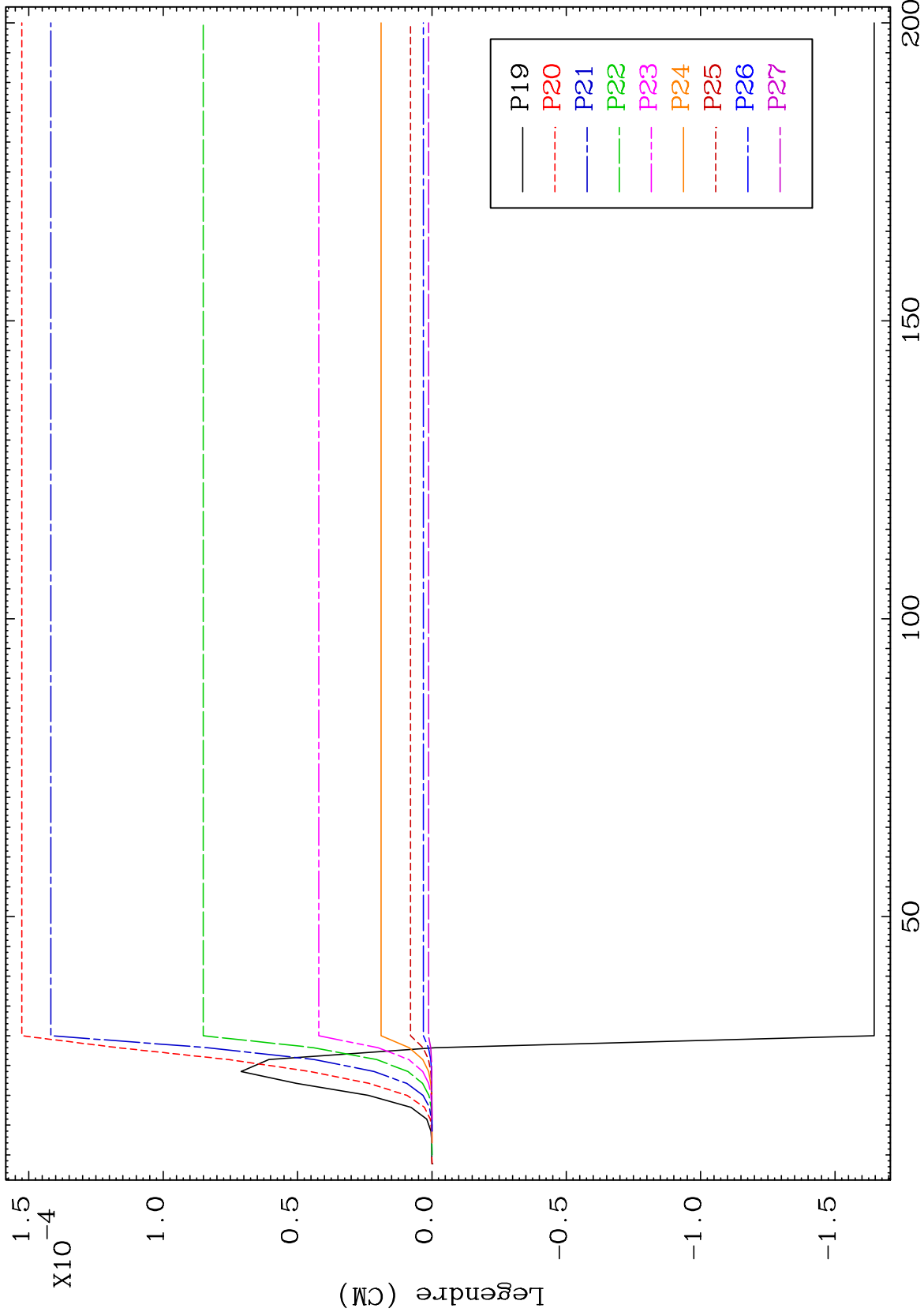
48-Cd-106



48-Cd-106

Incident Energy (MeV)

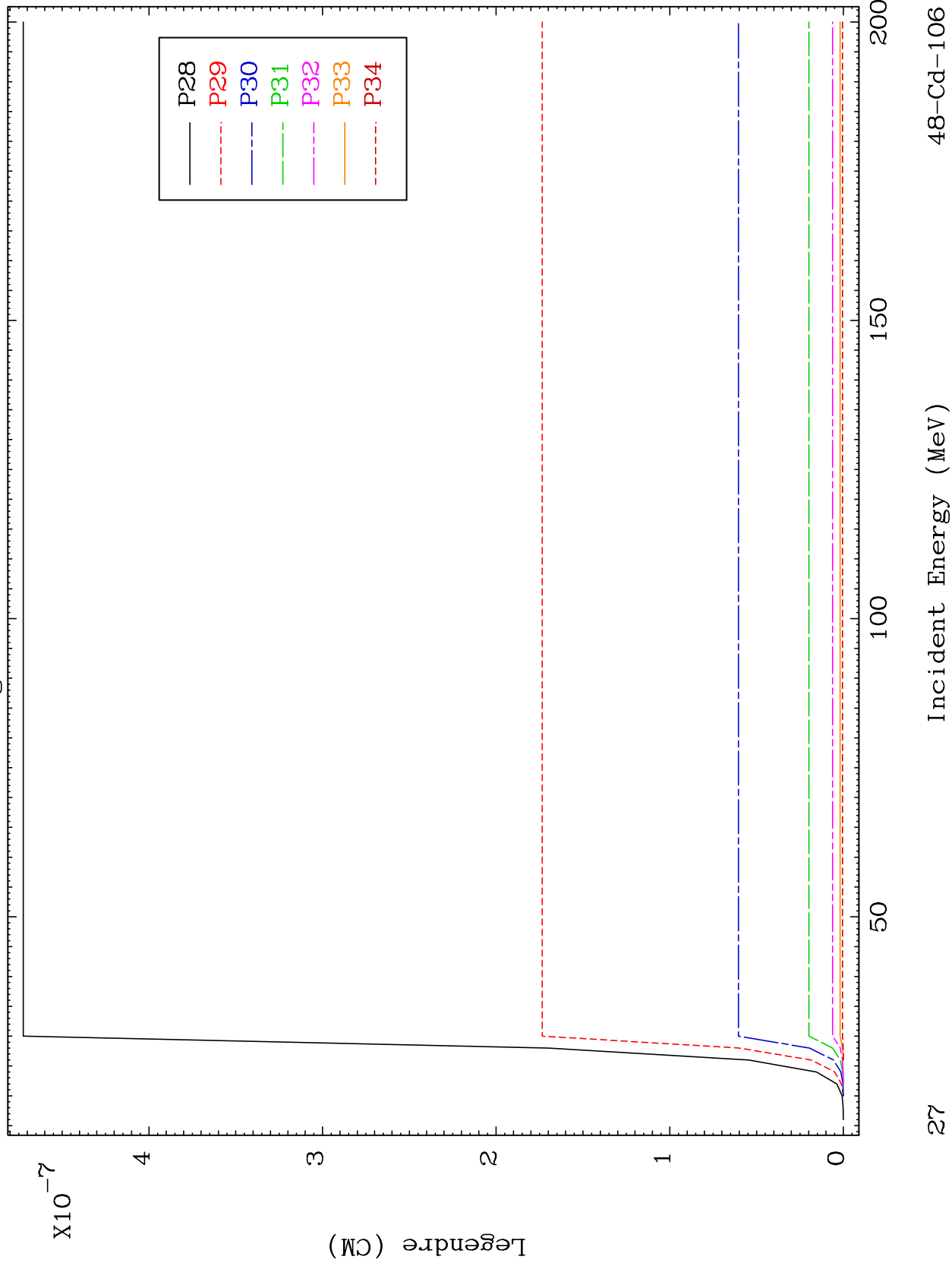
25



MAT 4825

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

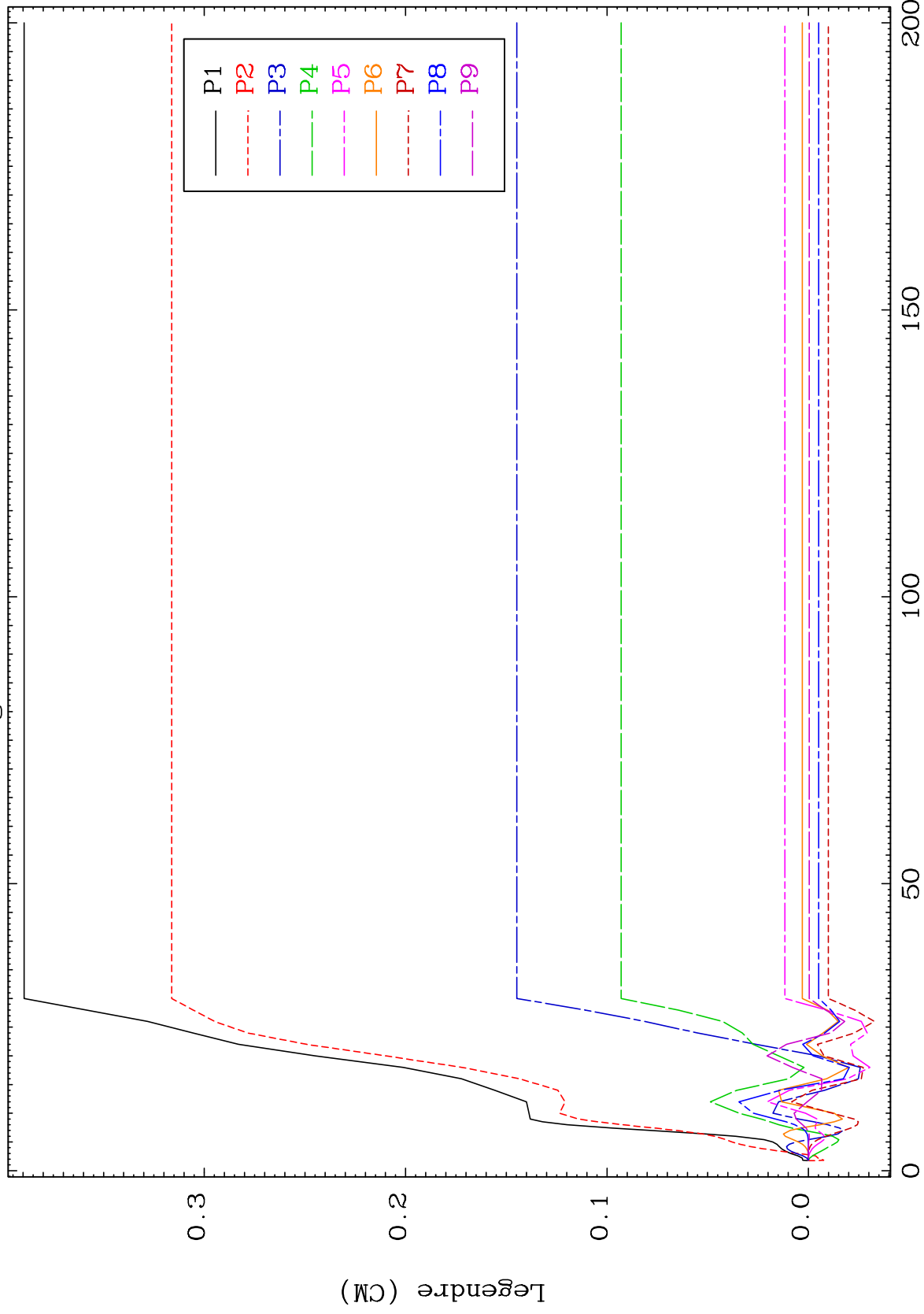
48-Cd-106



MAT 4825

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

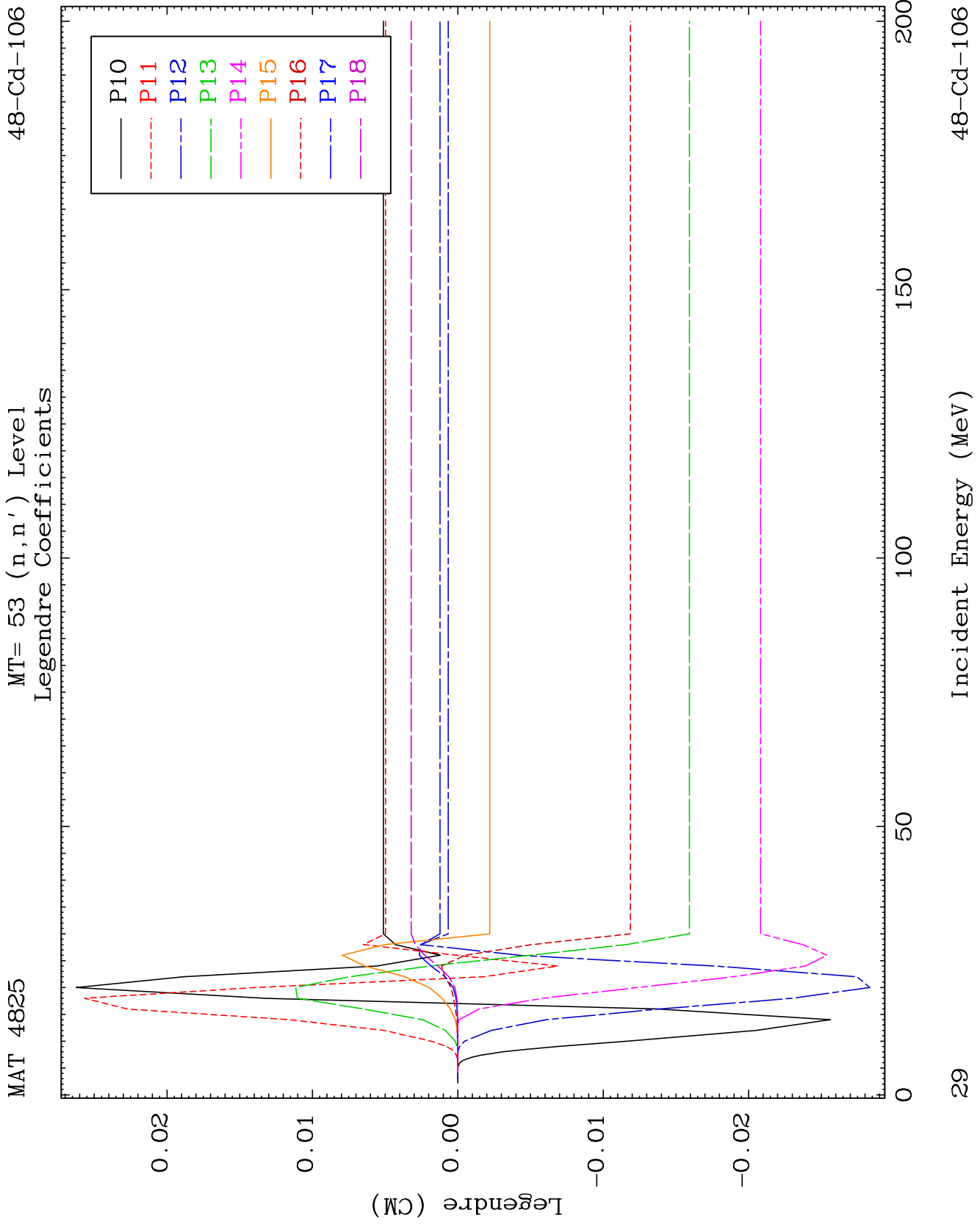
48-Cd-106



28

Incident Energy (MeV)

48-Cd-106



48-Cd-106

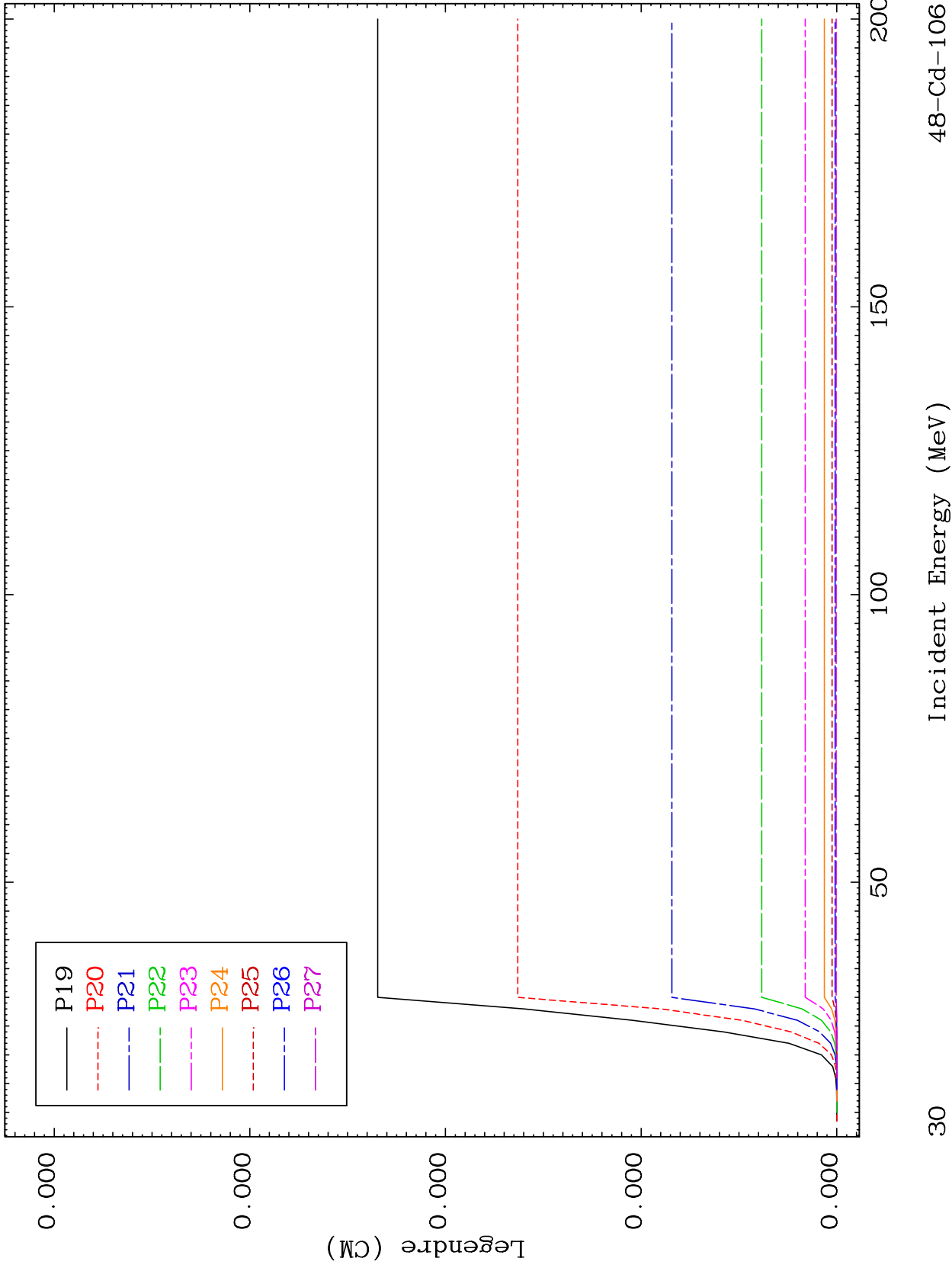
Incident Energy (MeV)

29

MAT 4825

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

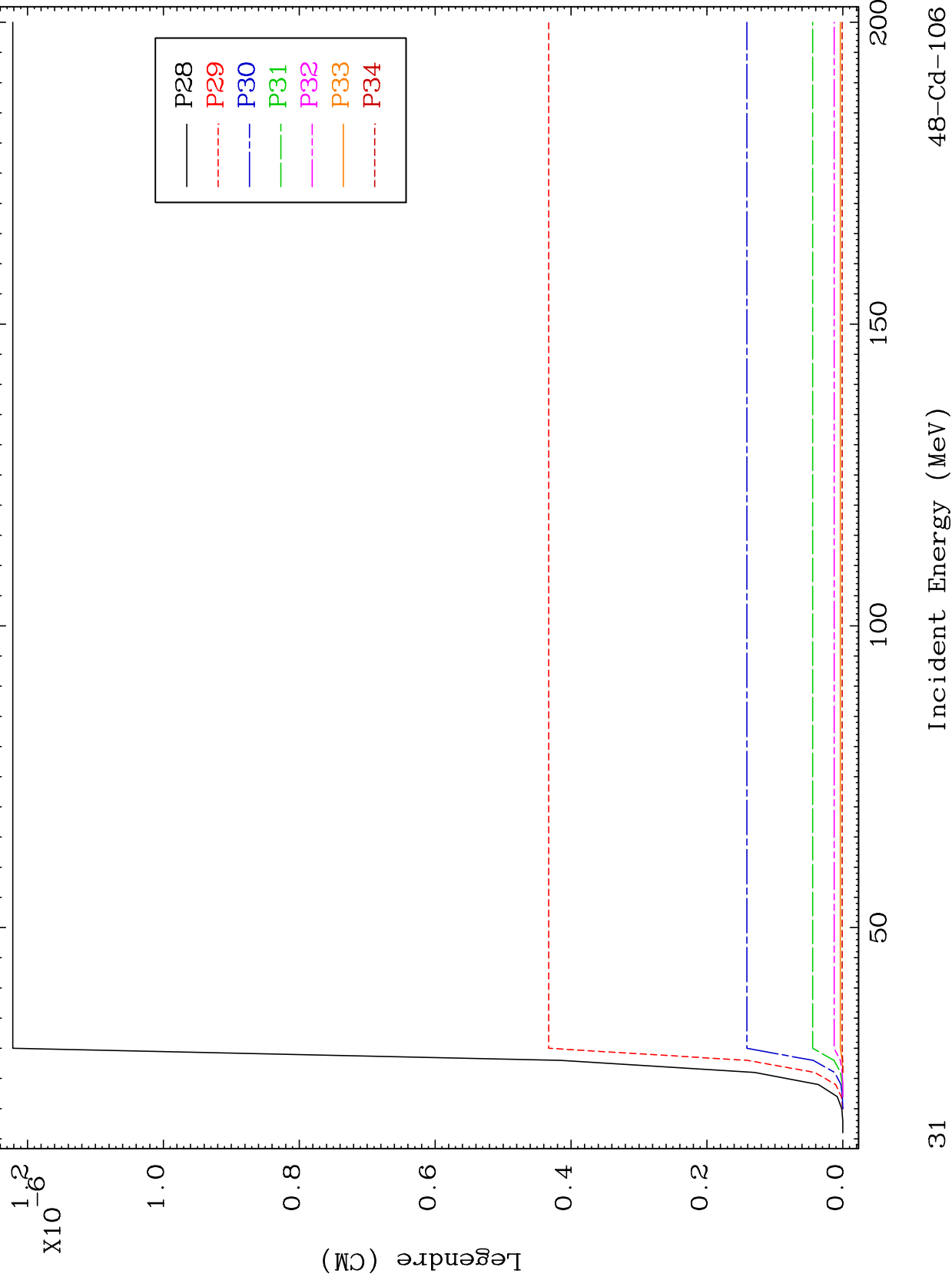
48-Cd-106



MAT 4825

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

48-Cd-106



31

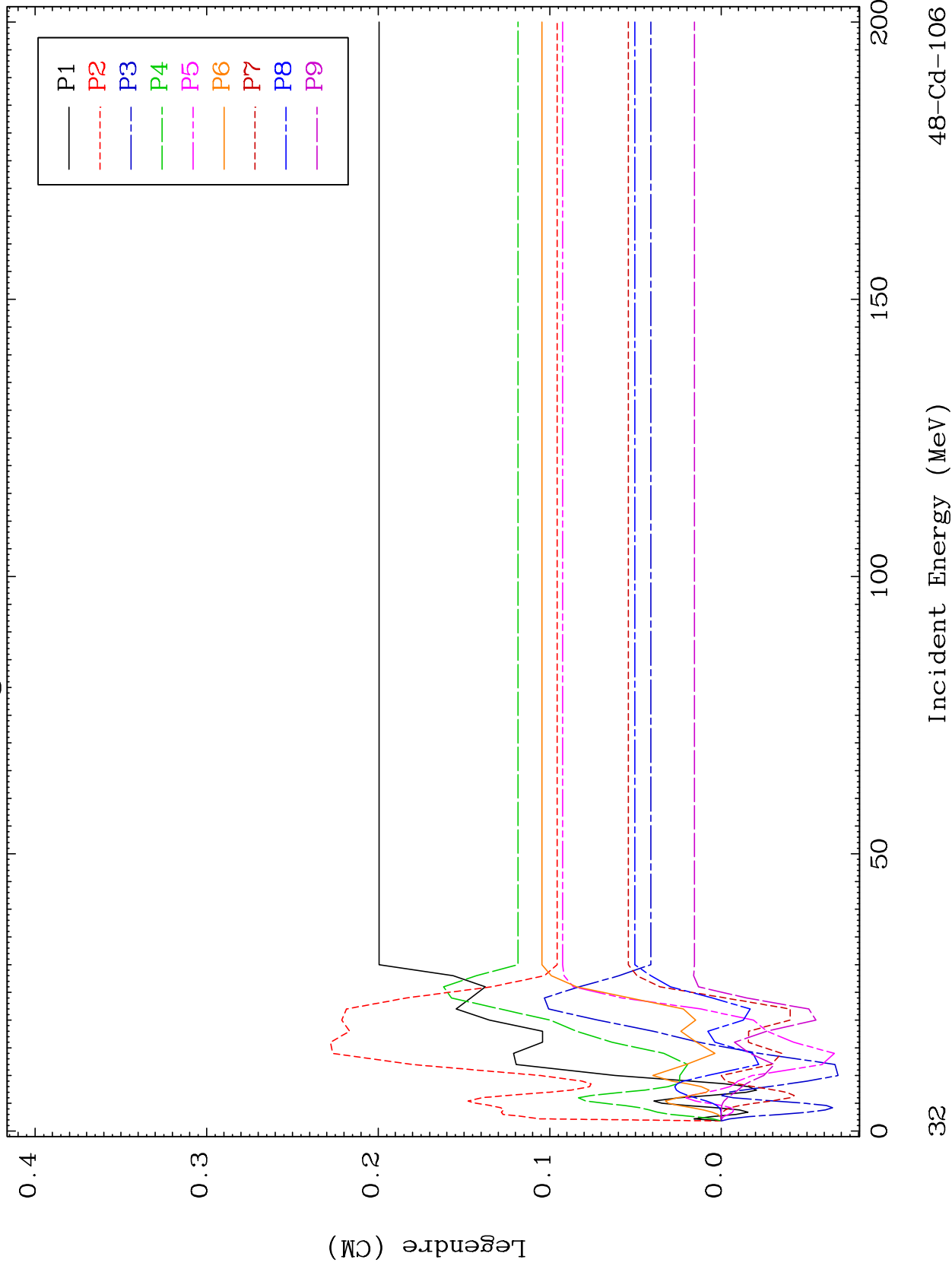
Incident Energy (MeV)

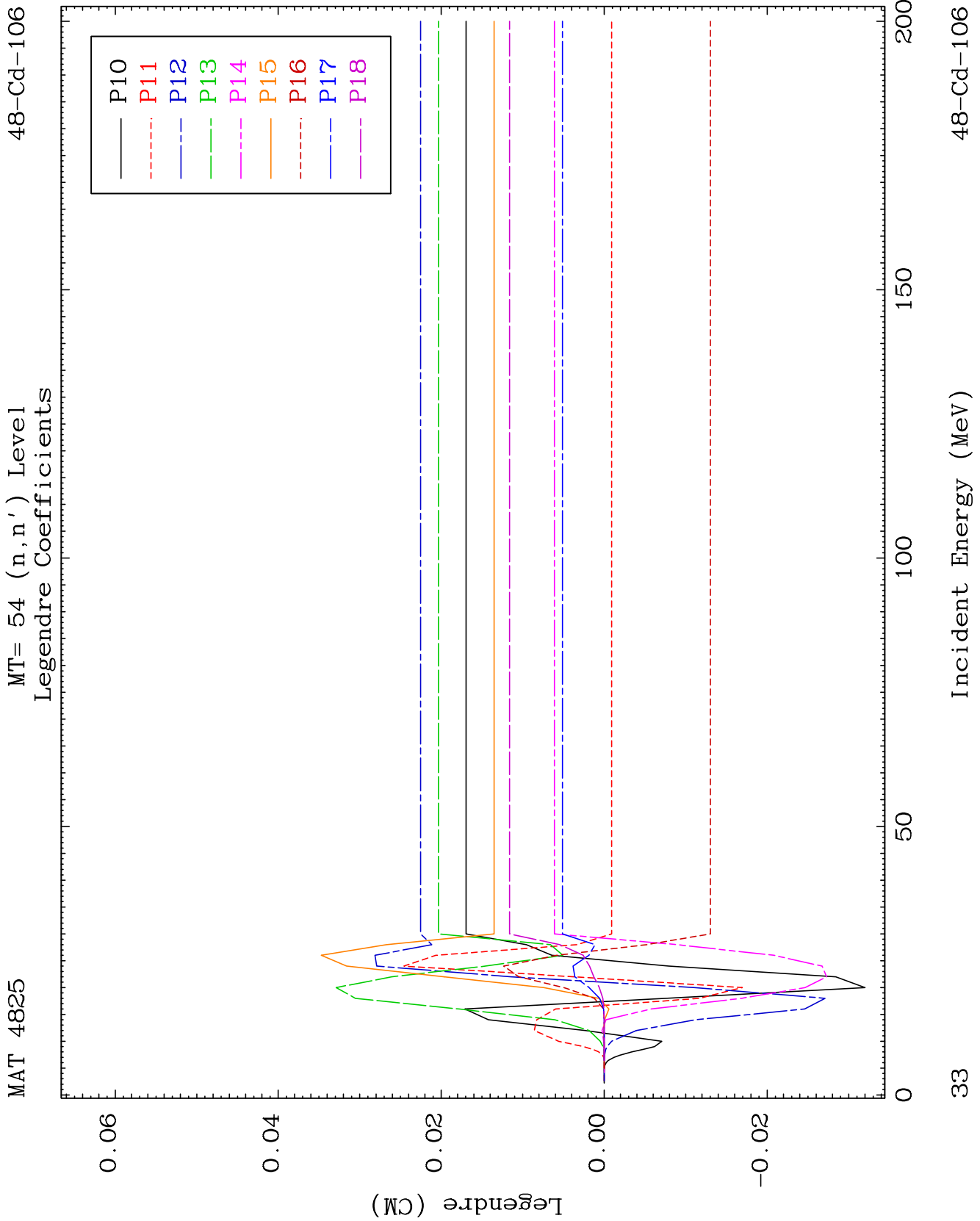
48-Cd-106

MAT 4825

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

48-Cd-106

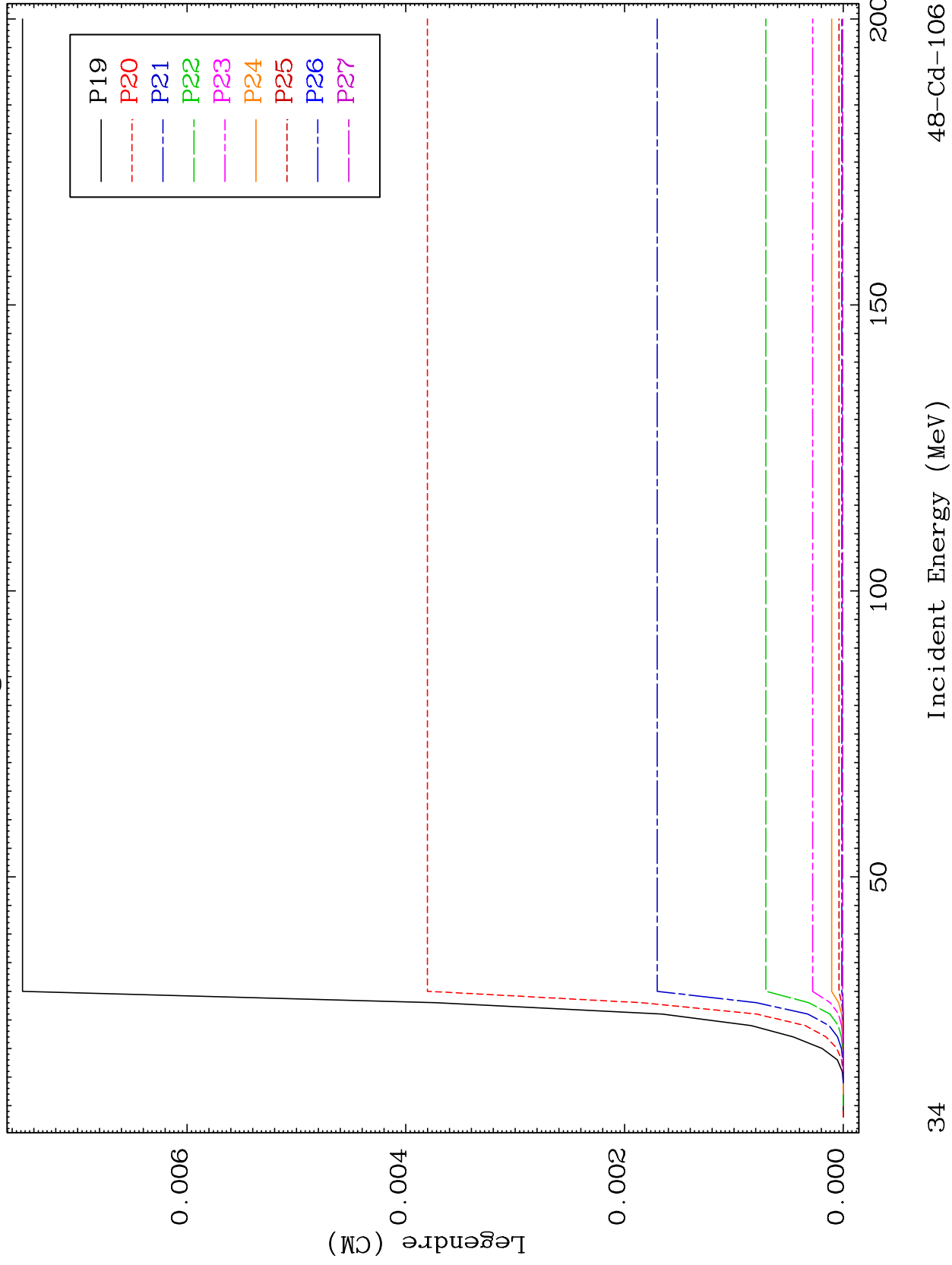




MAT 4825

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

48-Cd-106



34

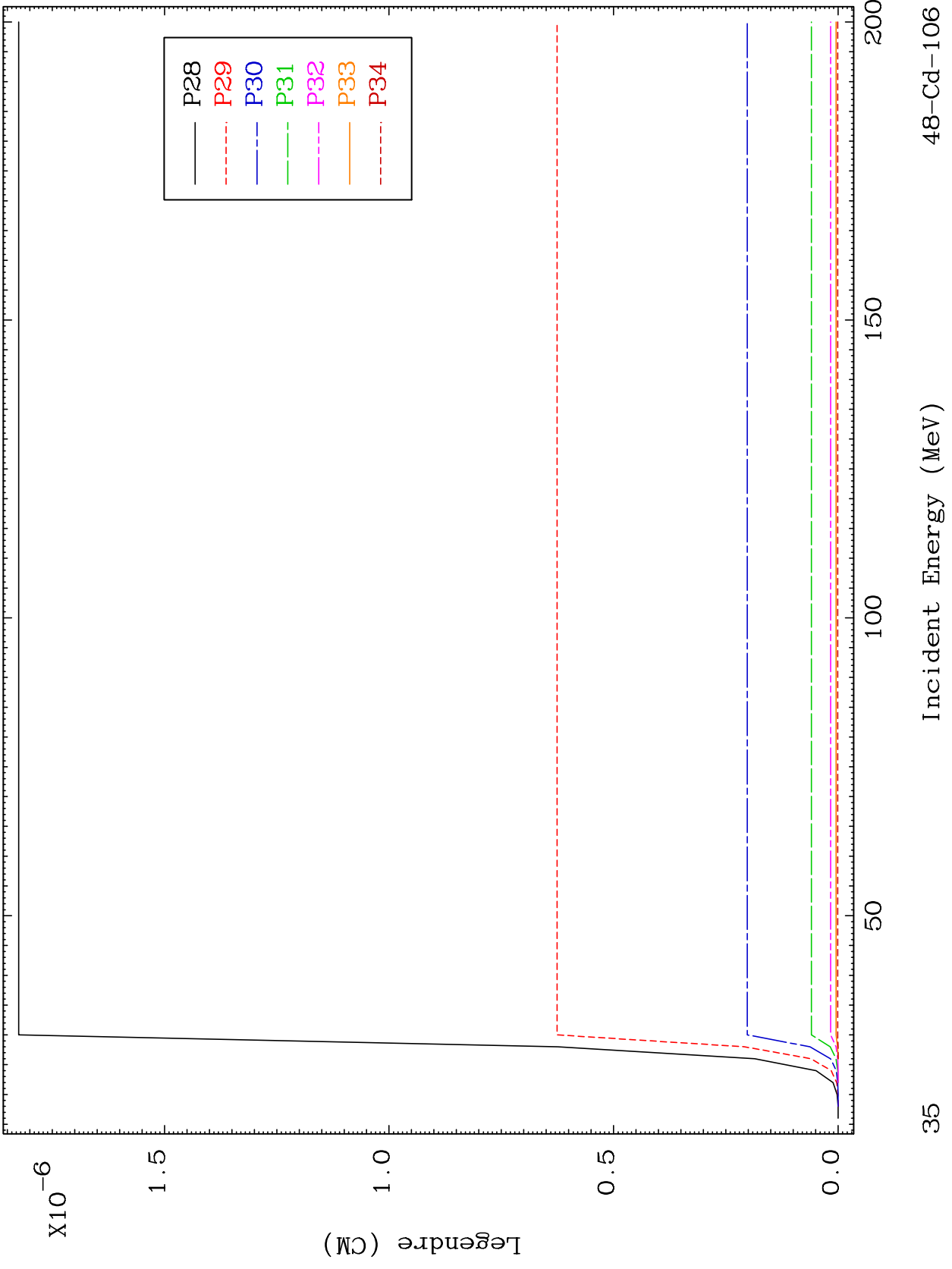
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106

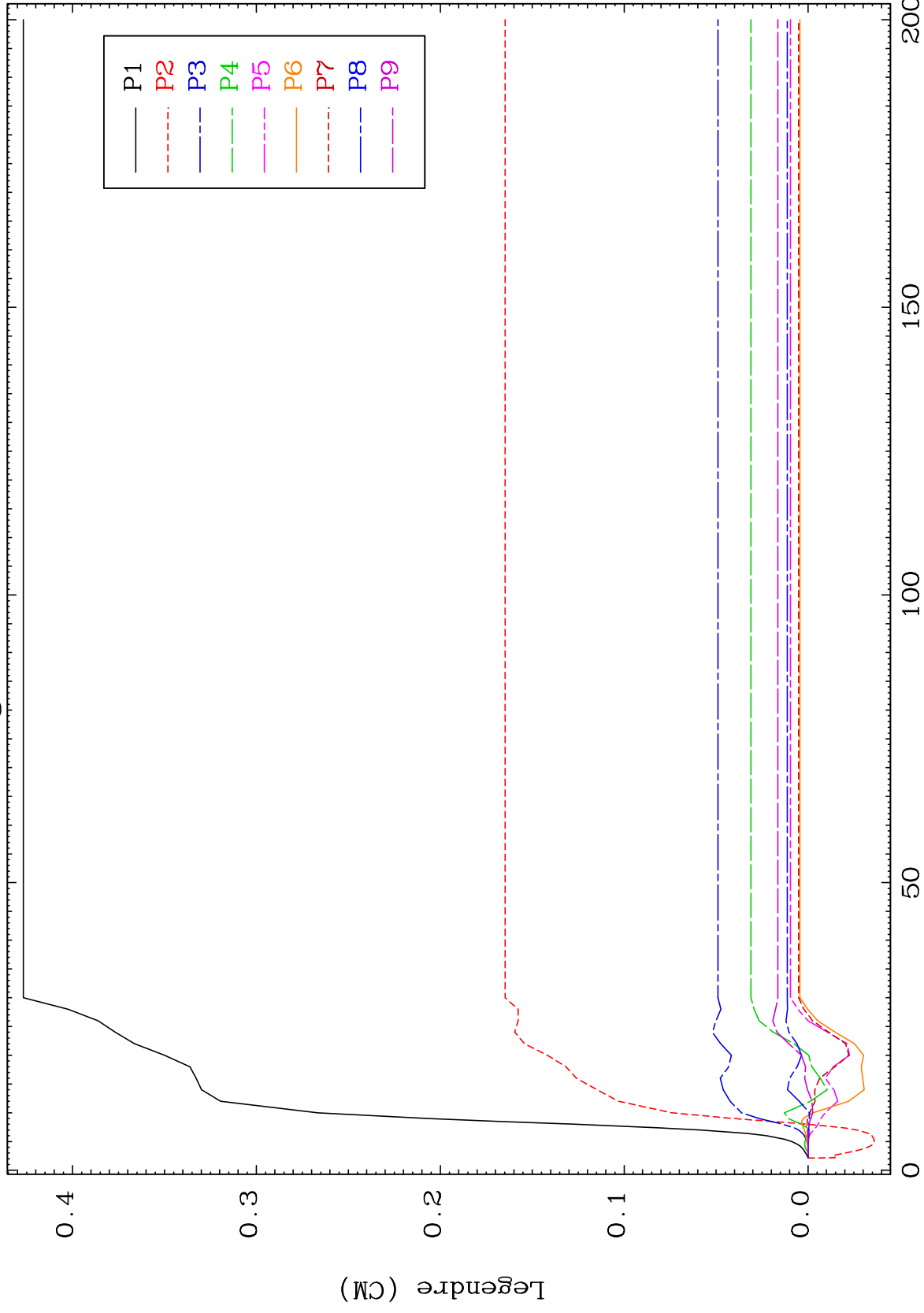


MAT 4825

MT= 55 (n,n') Level

48-Cd-106

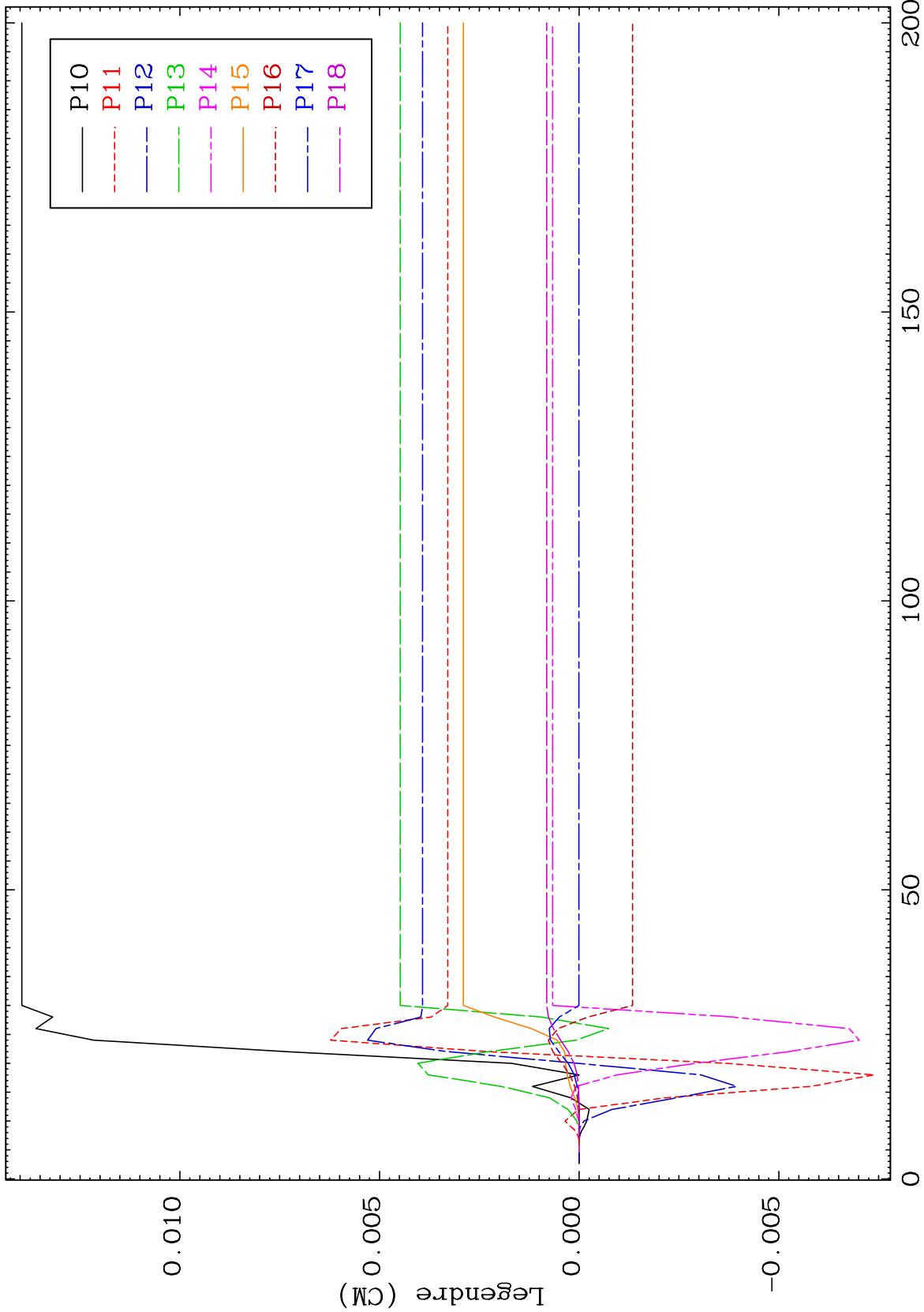
Legendre Coefficients



MAT 4825

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

48-Cd-106



37

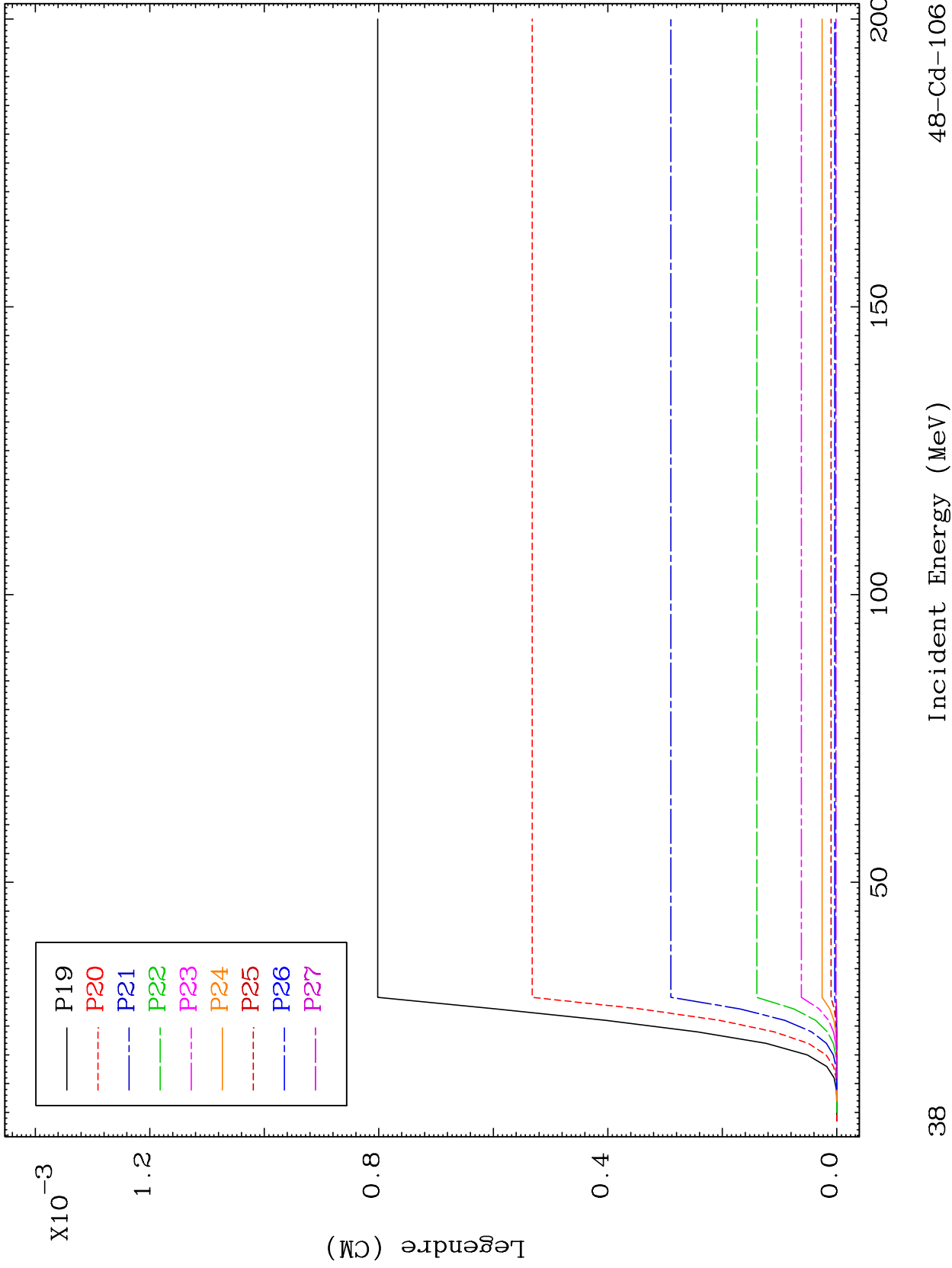
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

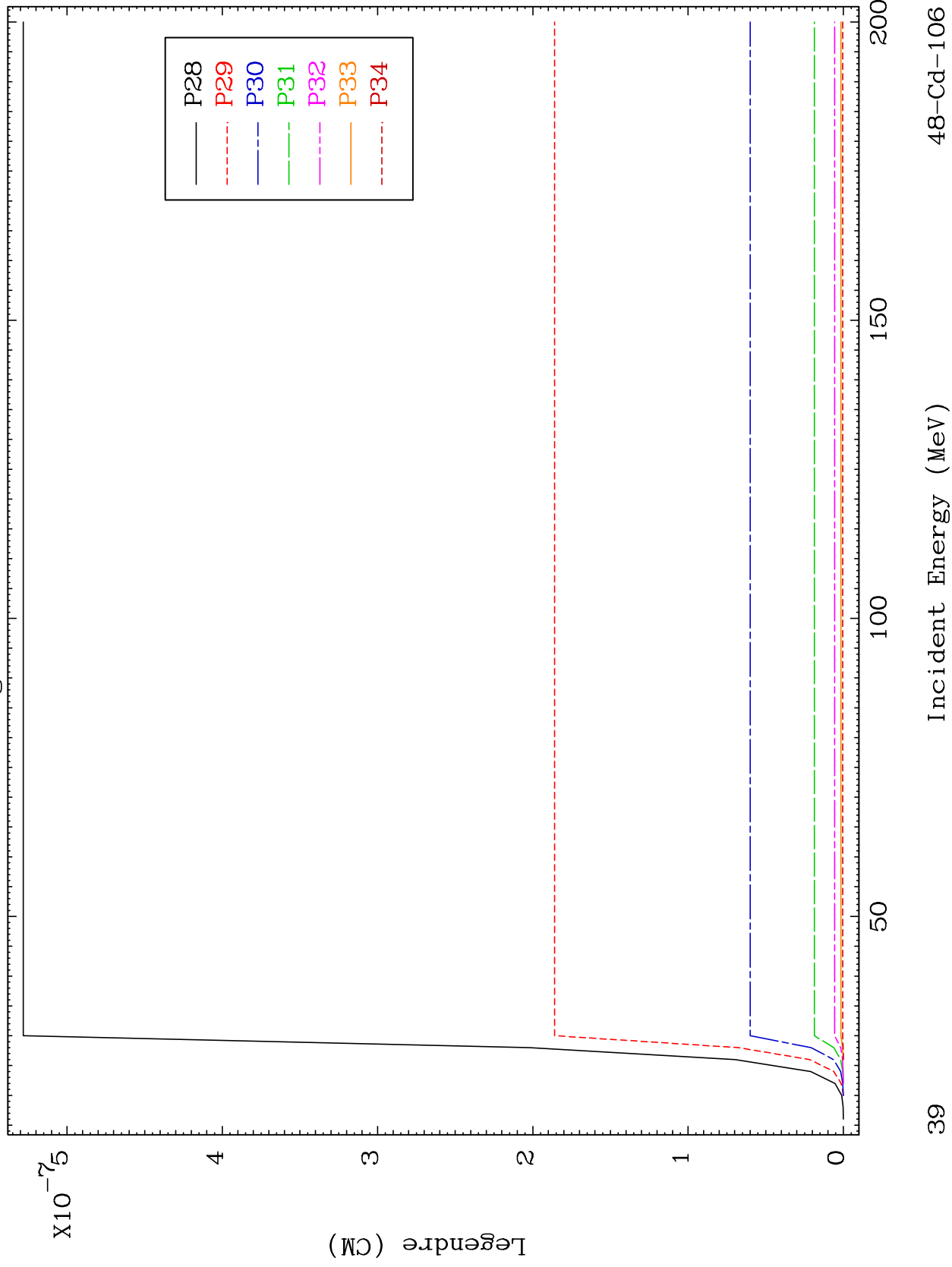
48-Cd-106



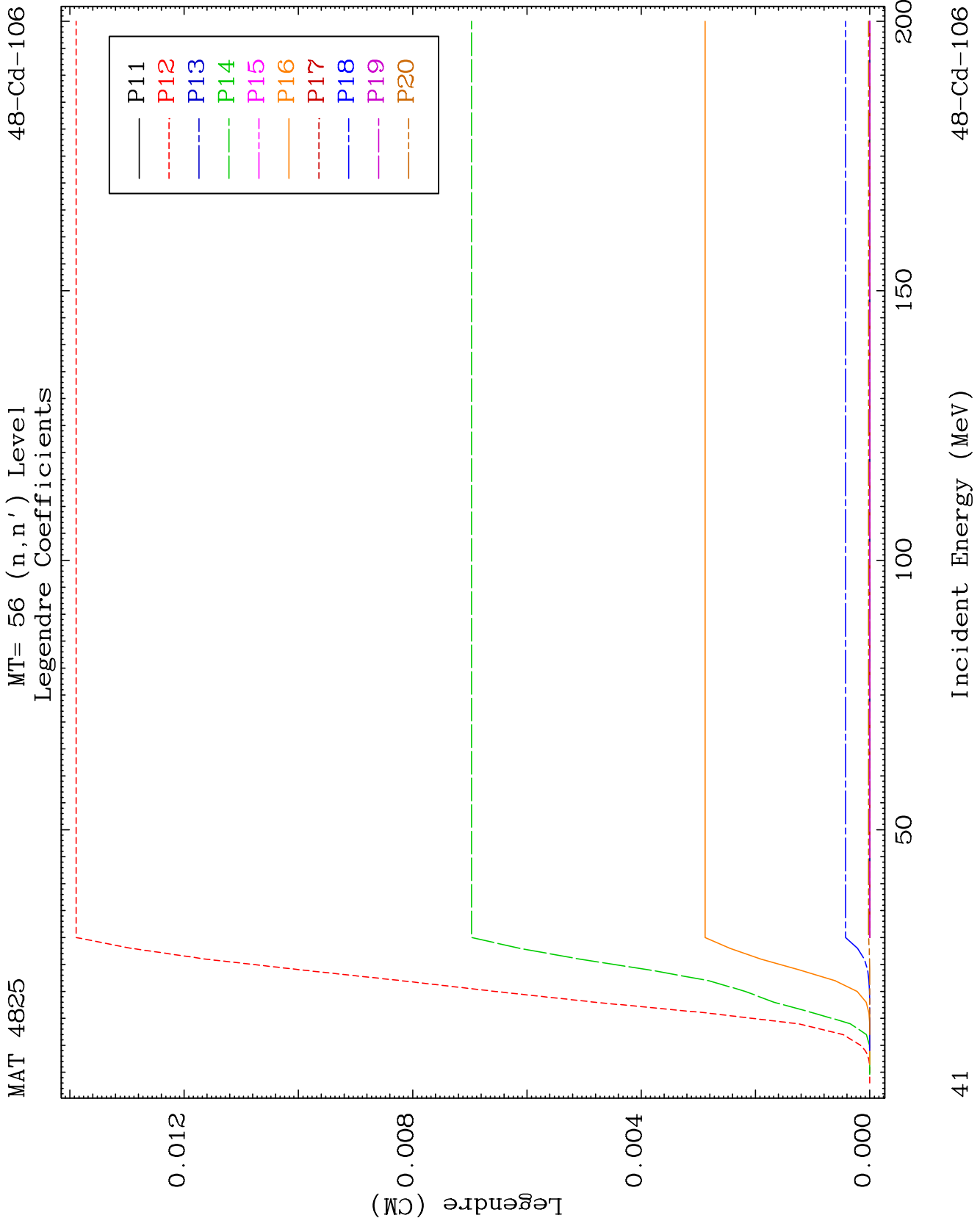
MAT 4825

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

48-Cd-106



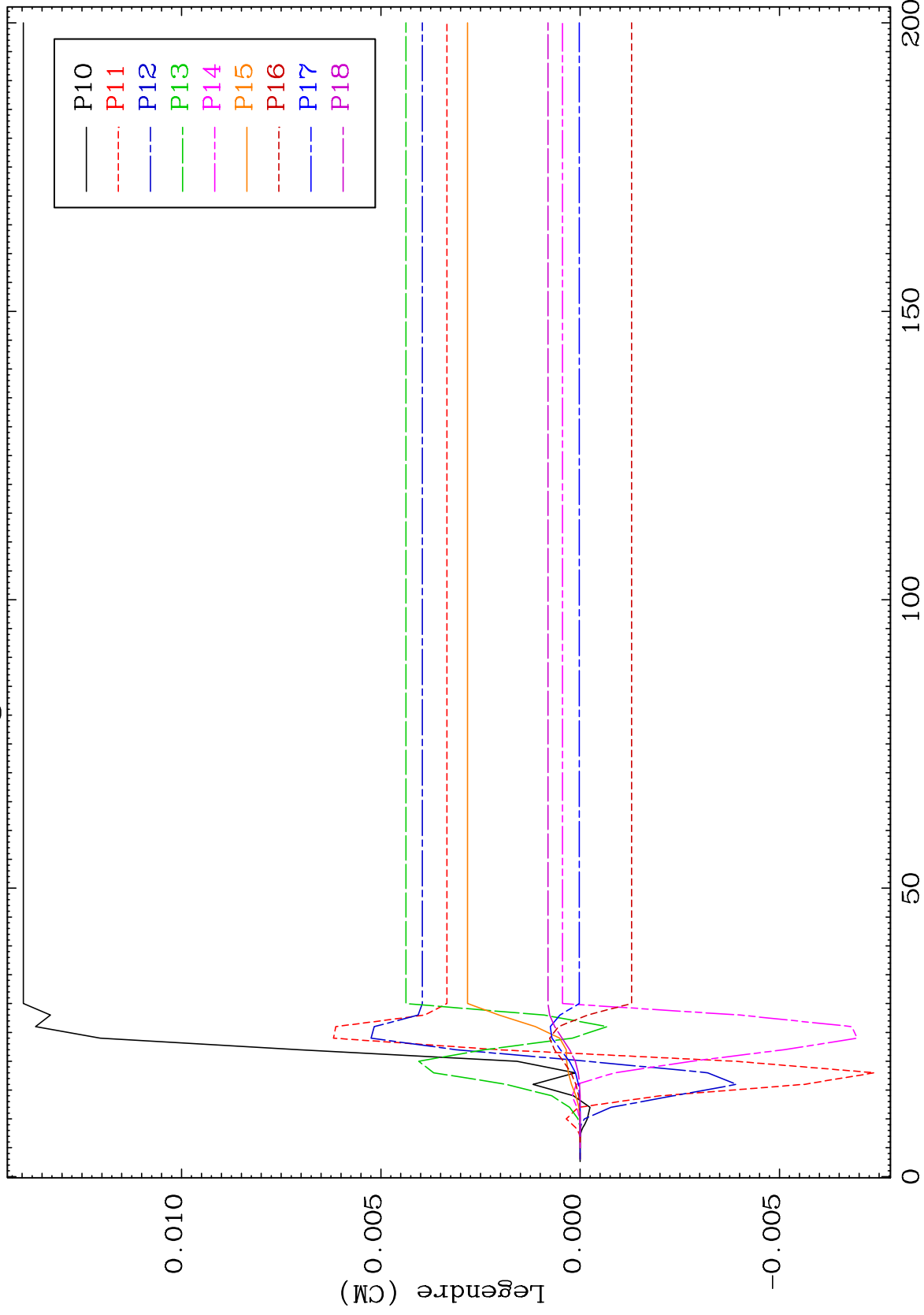
39



MAT 4825

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

48-Cd-106



44

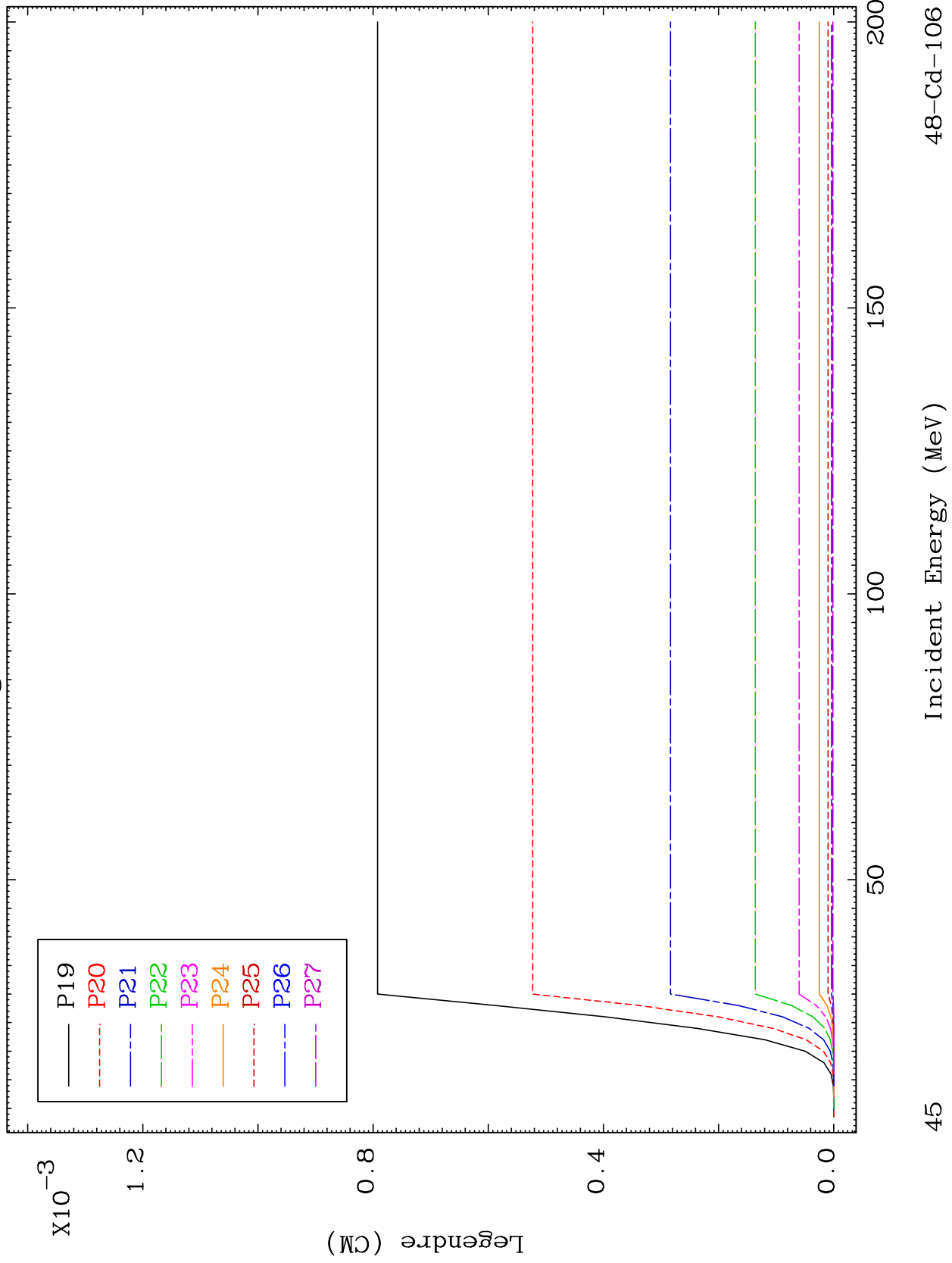
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

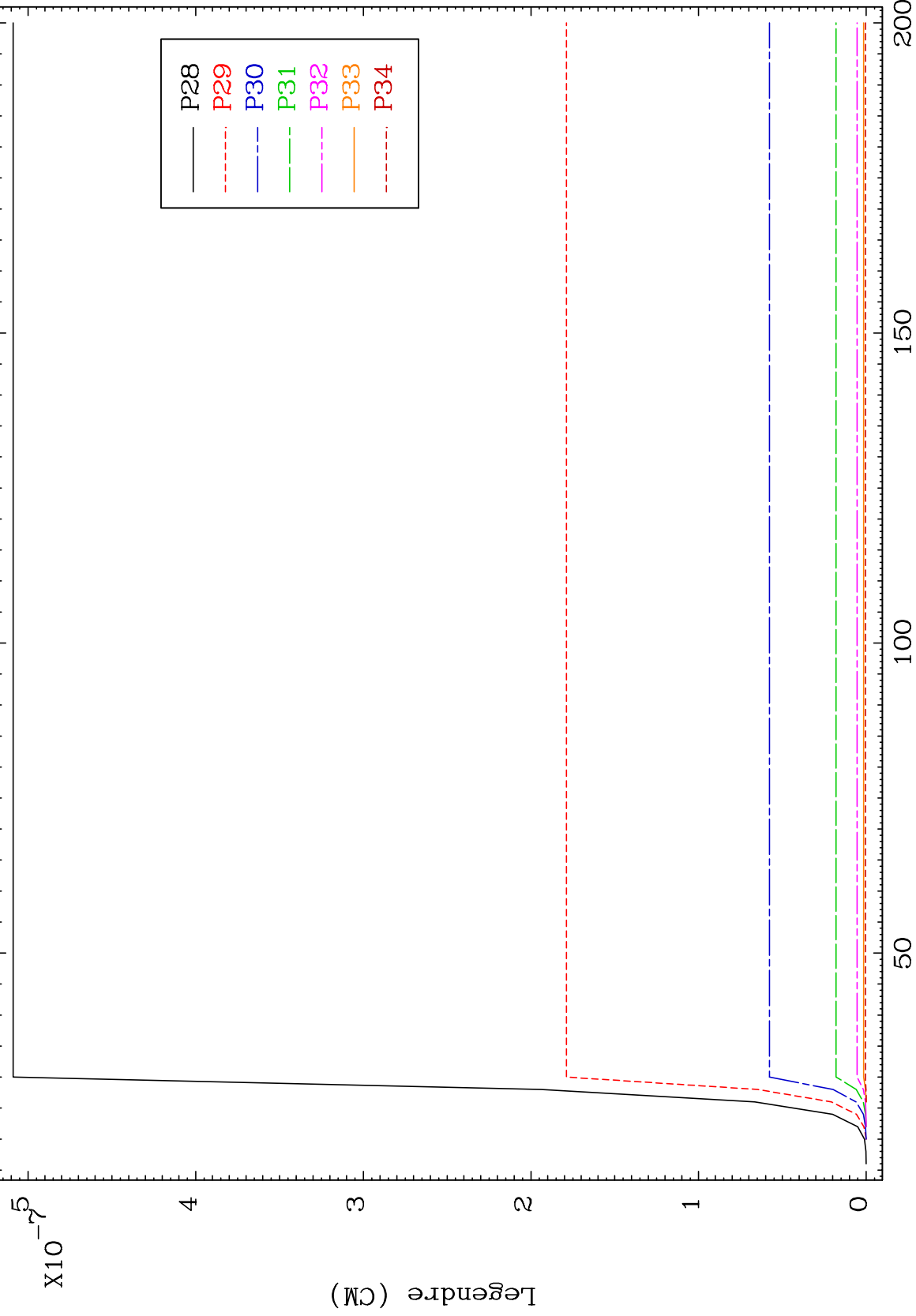
48-Cd-106



MAT 4825

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

48-Cd-106



46

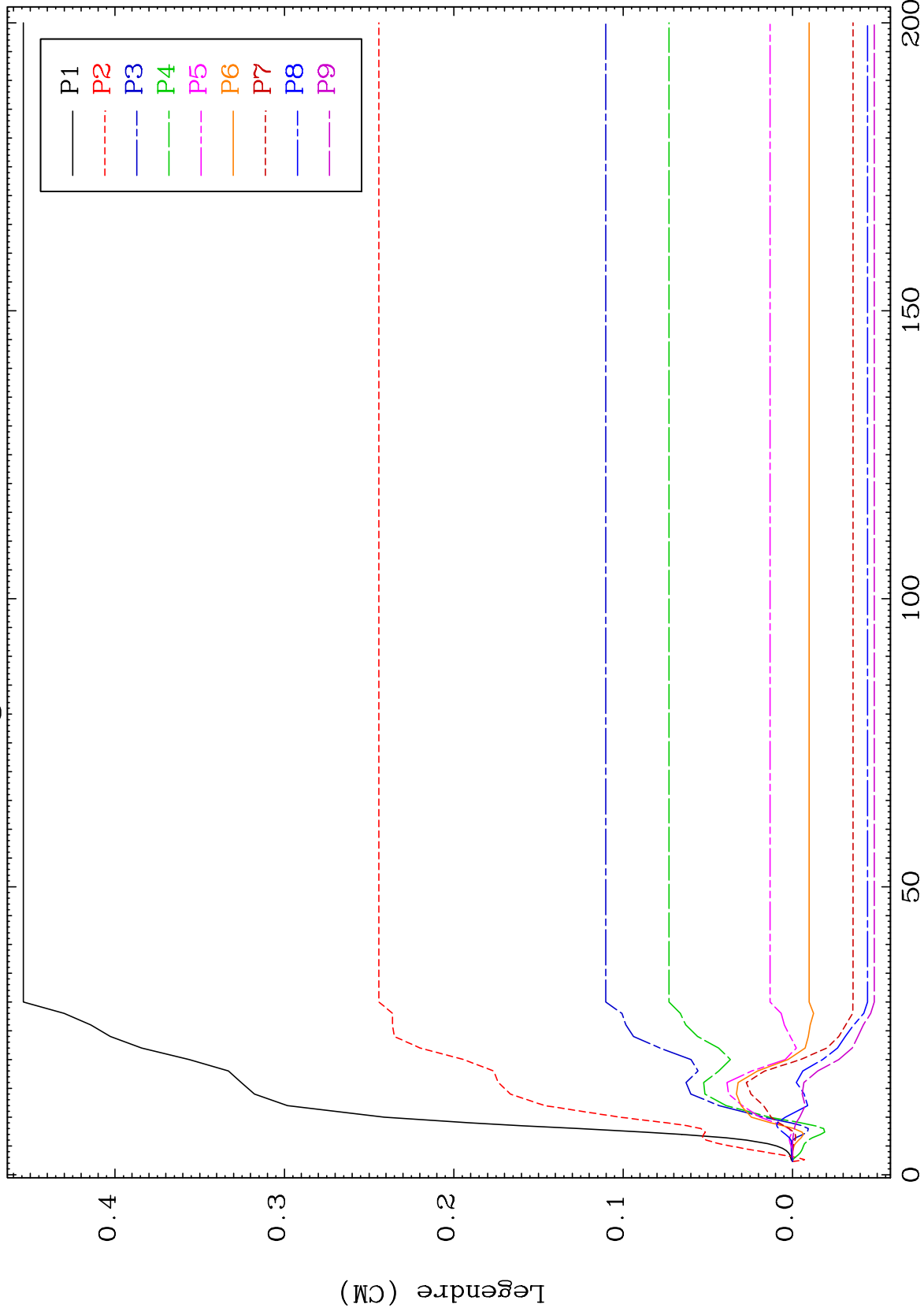
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



47

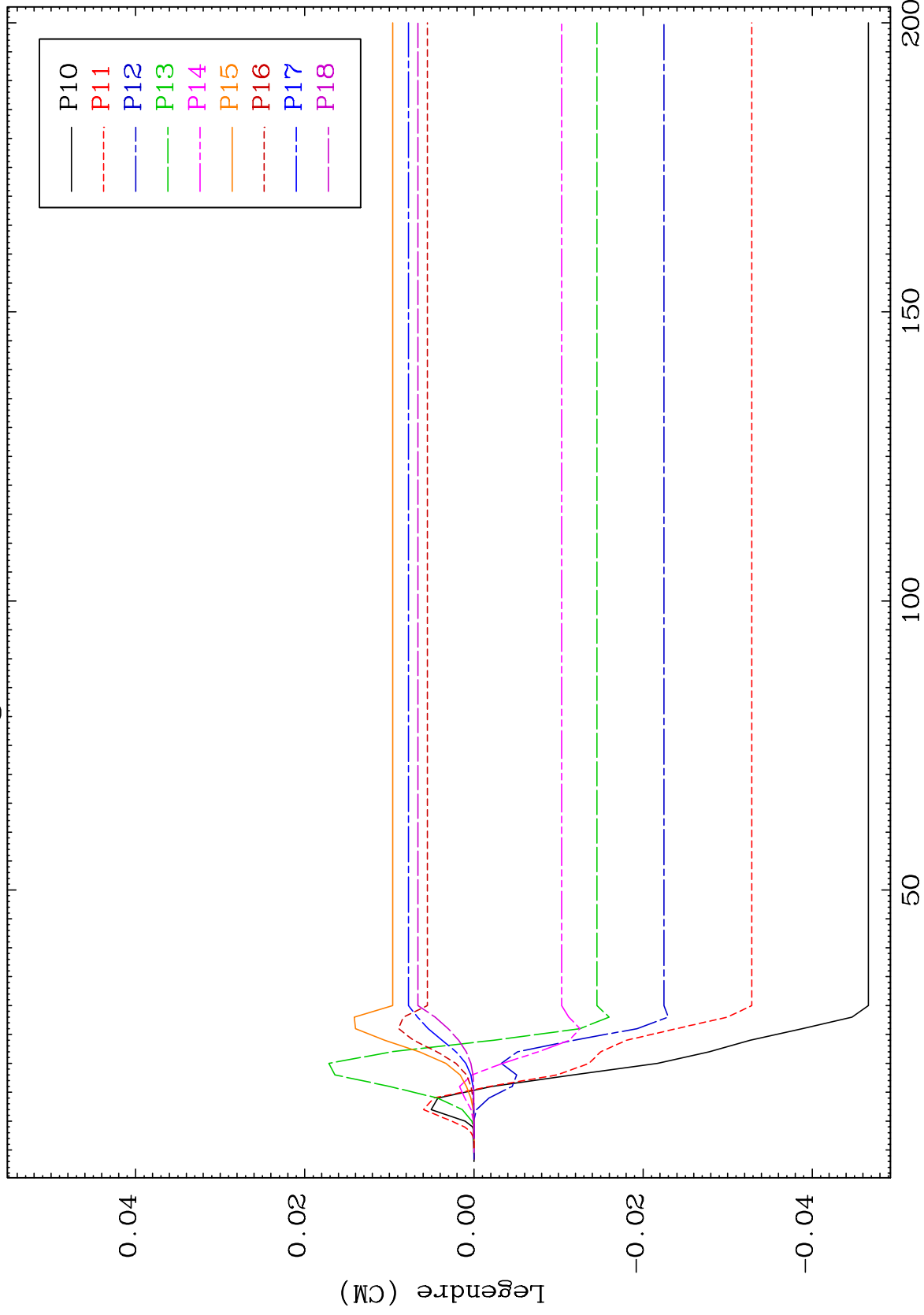
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

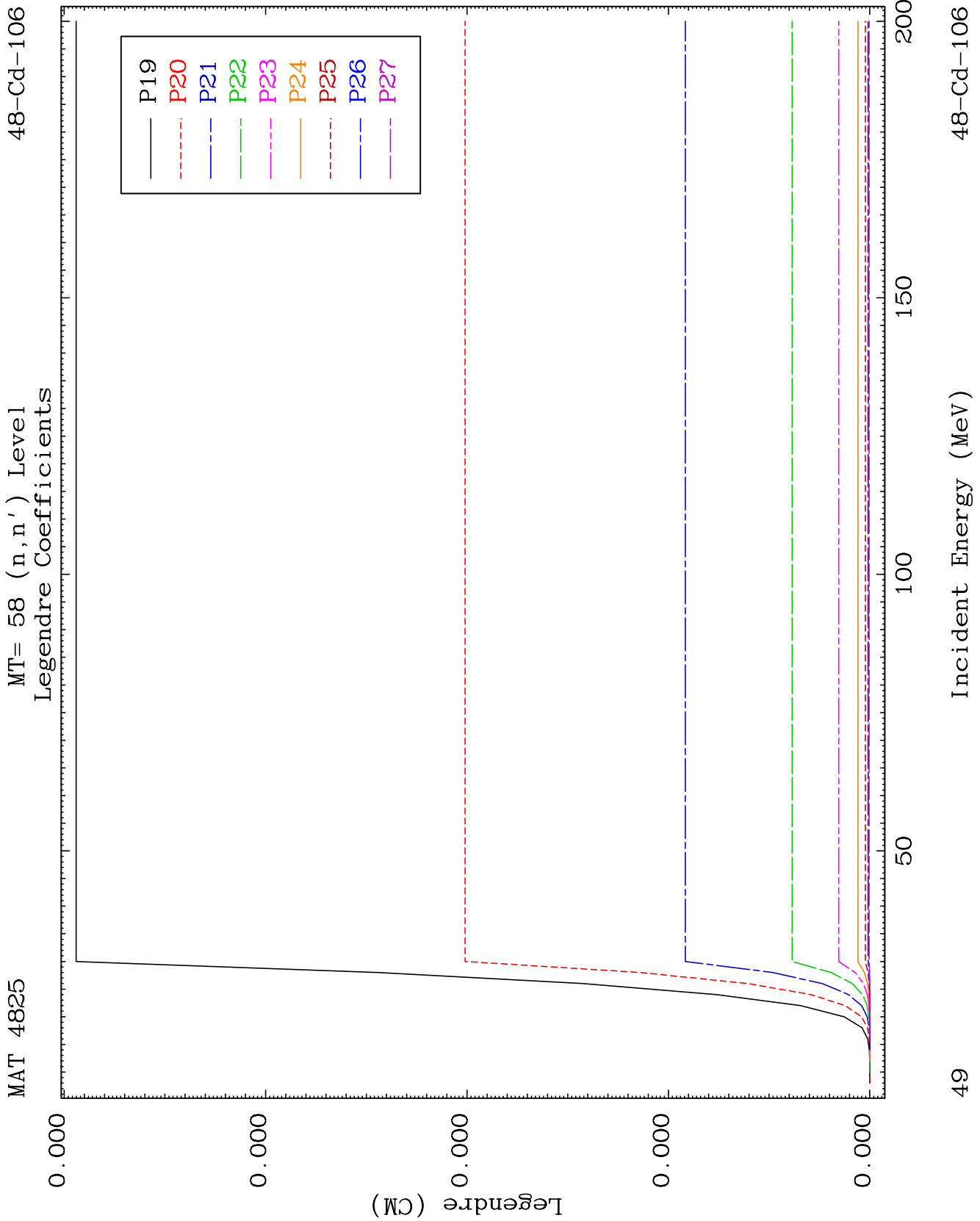
48-Cd-106



48

Incident Energy (MeV)

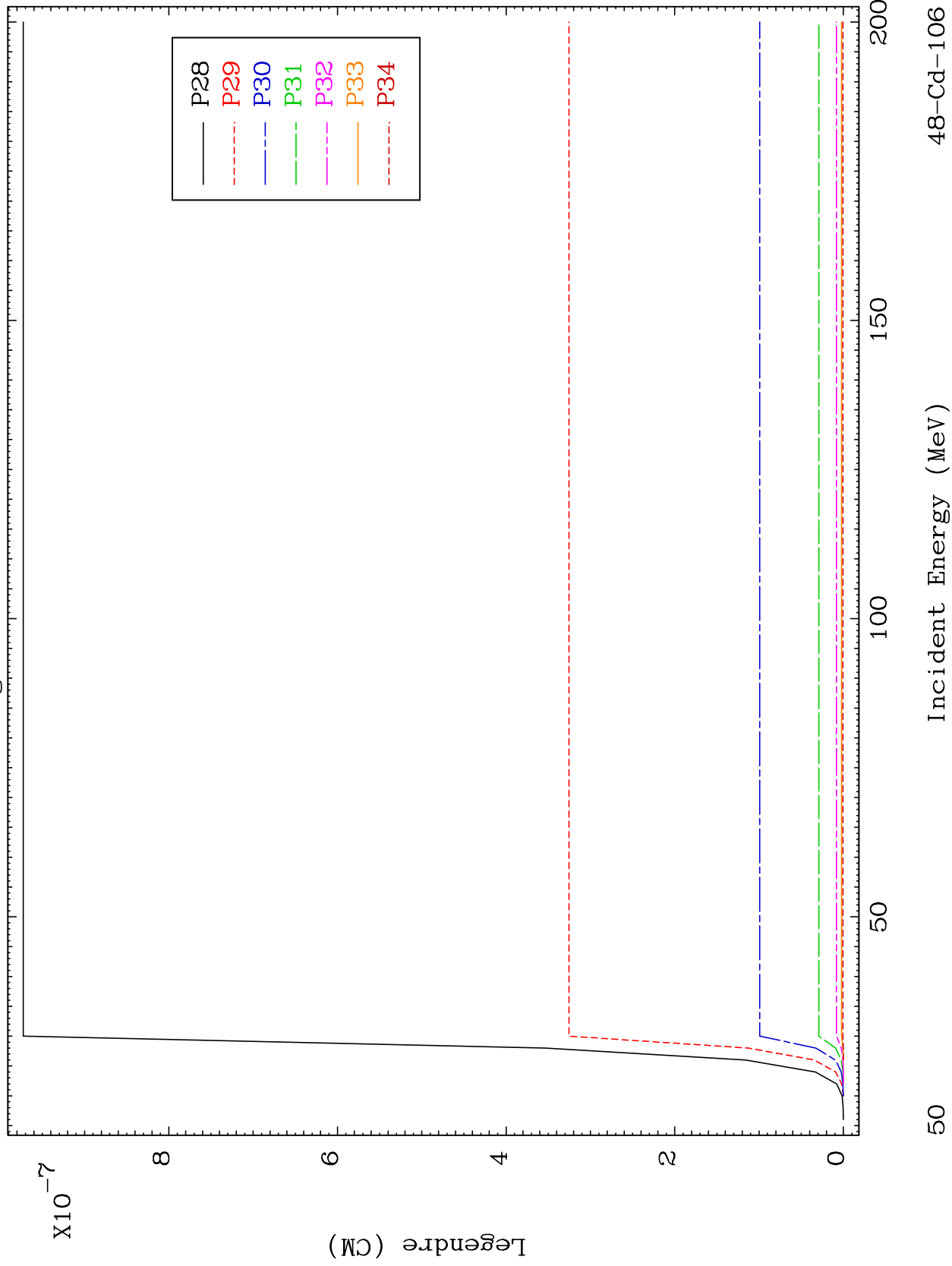
48-Cd-106



MAT 4825

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

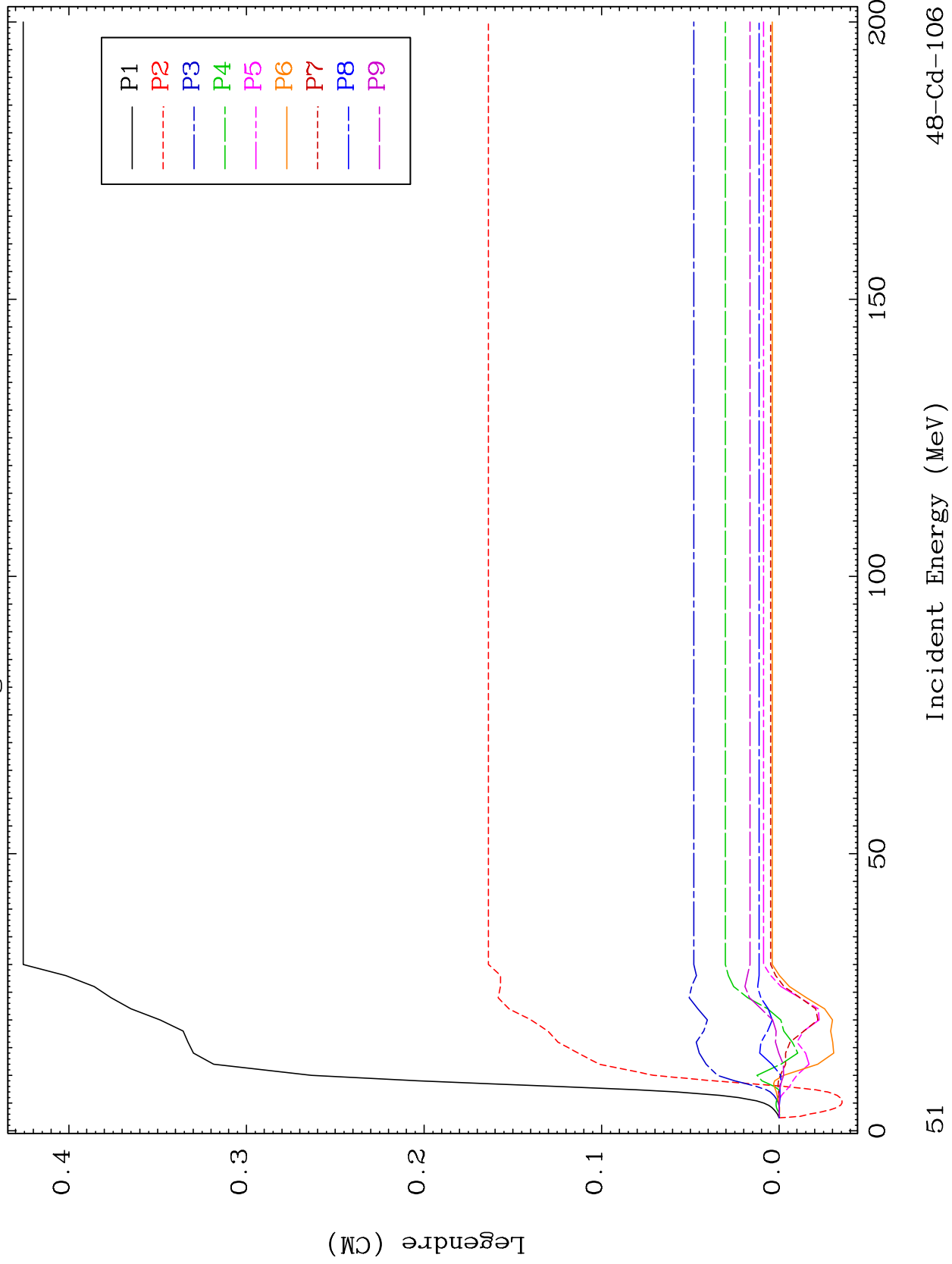
48-Cd-106



MAT 4825

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

48-Cd-106



48-Cd-106

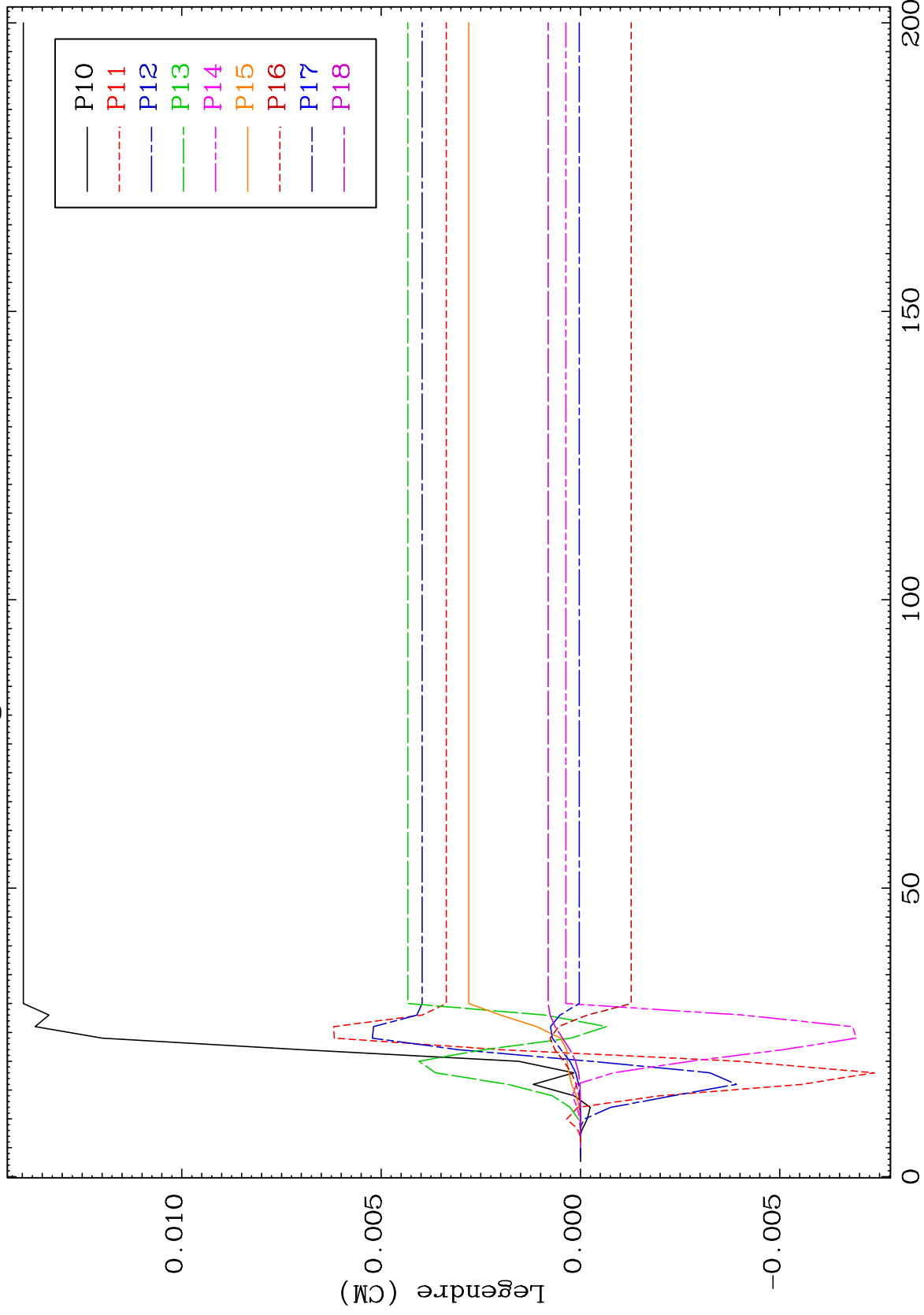
Incident Energy (MeV)

51

MAT 4825

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

48-Cd-106



52

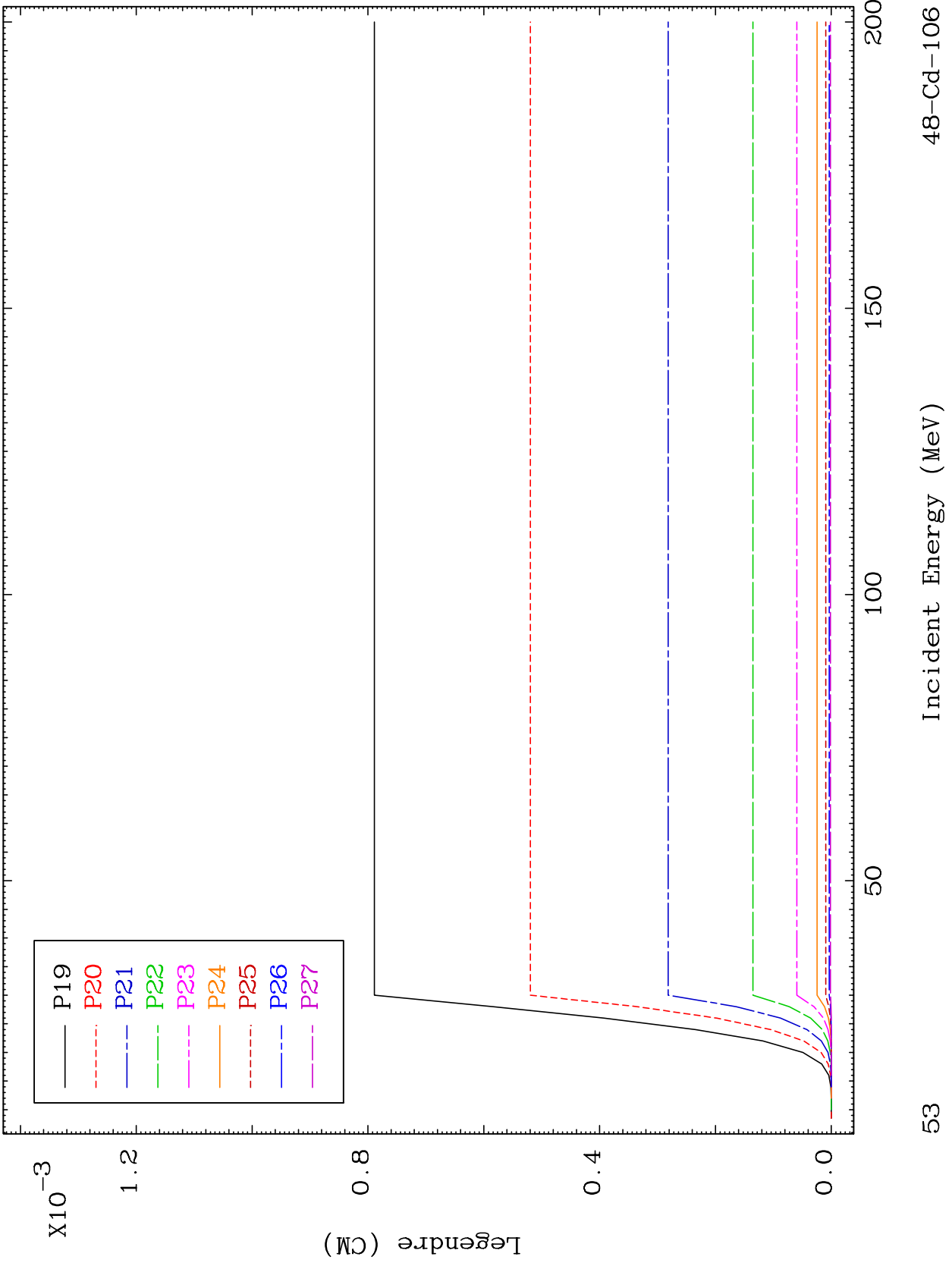
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

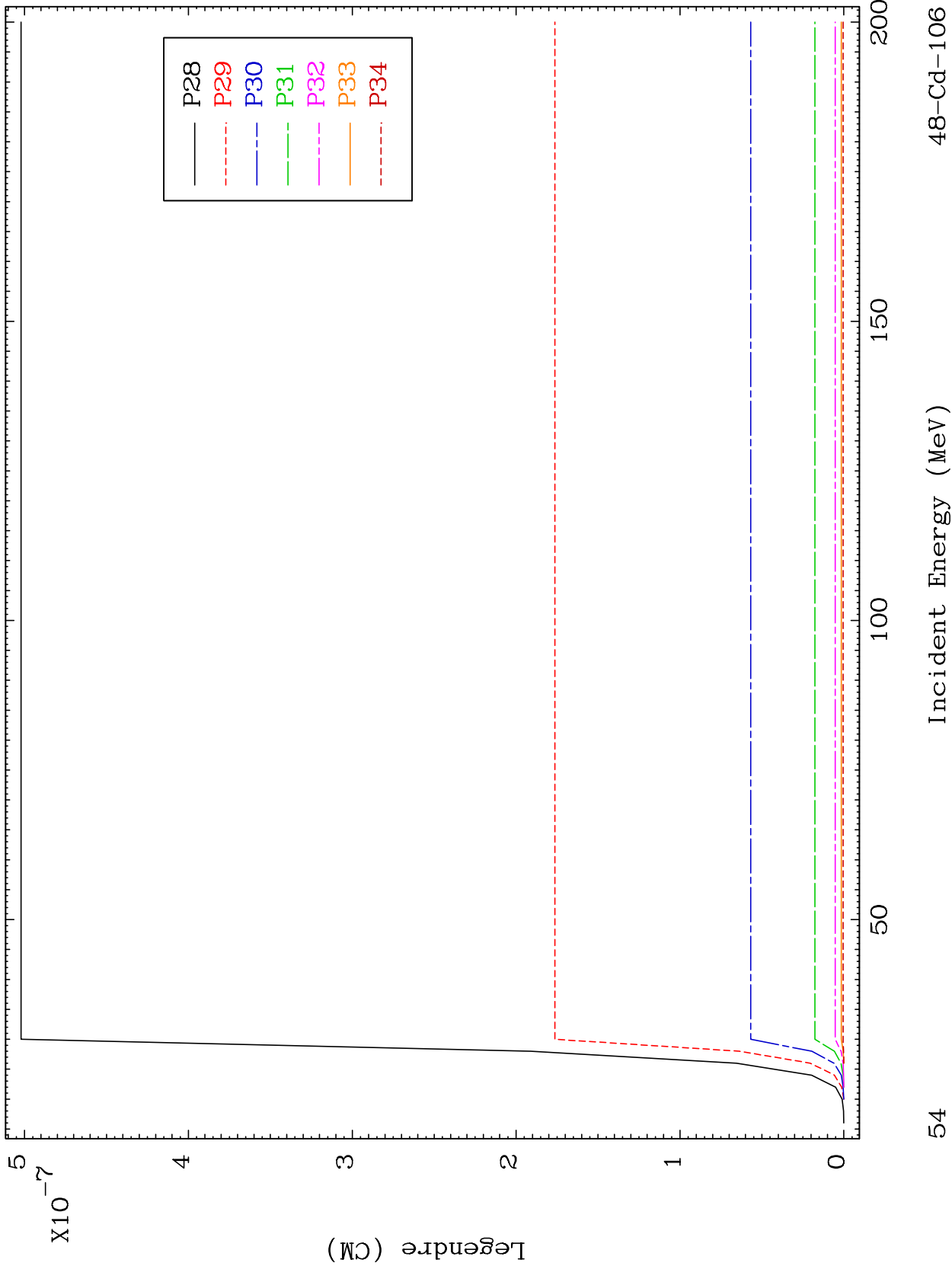
48-Cd-106

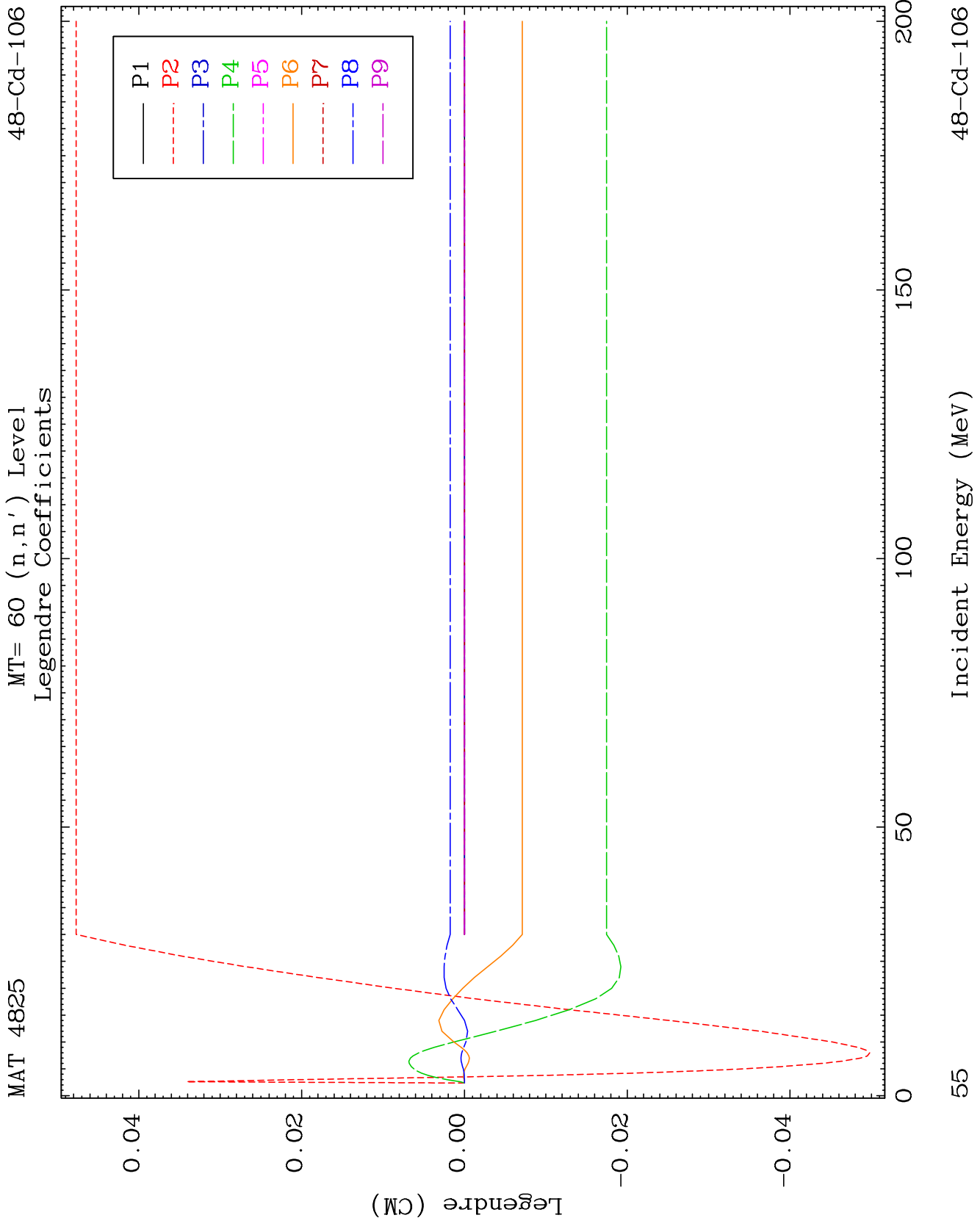


MAT 4825

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

48-Cd-106

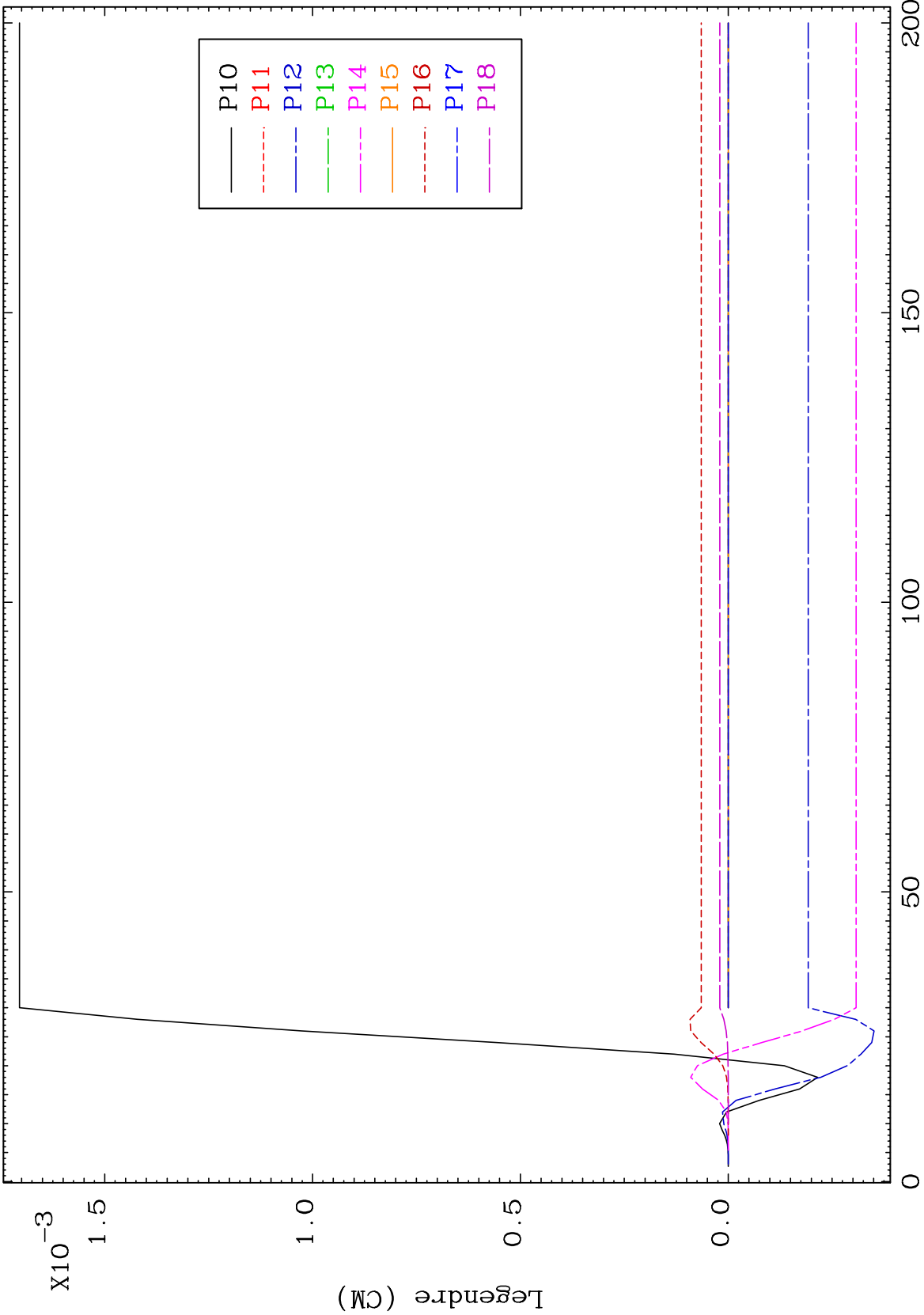




MAT 4825

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

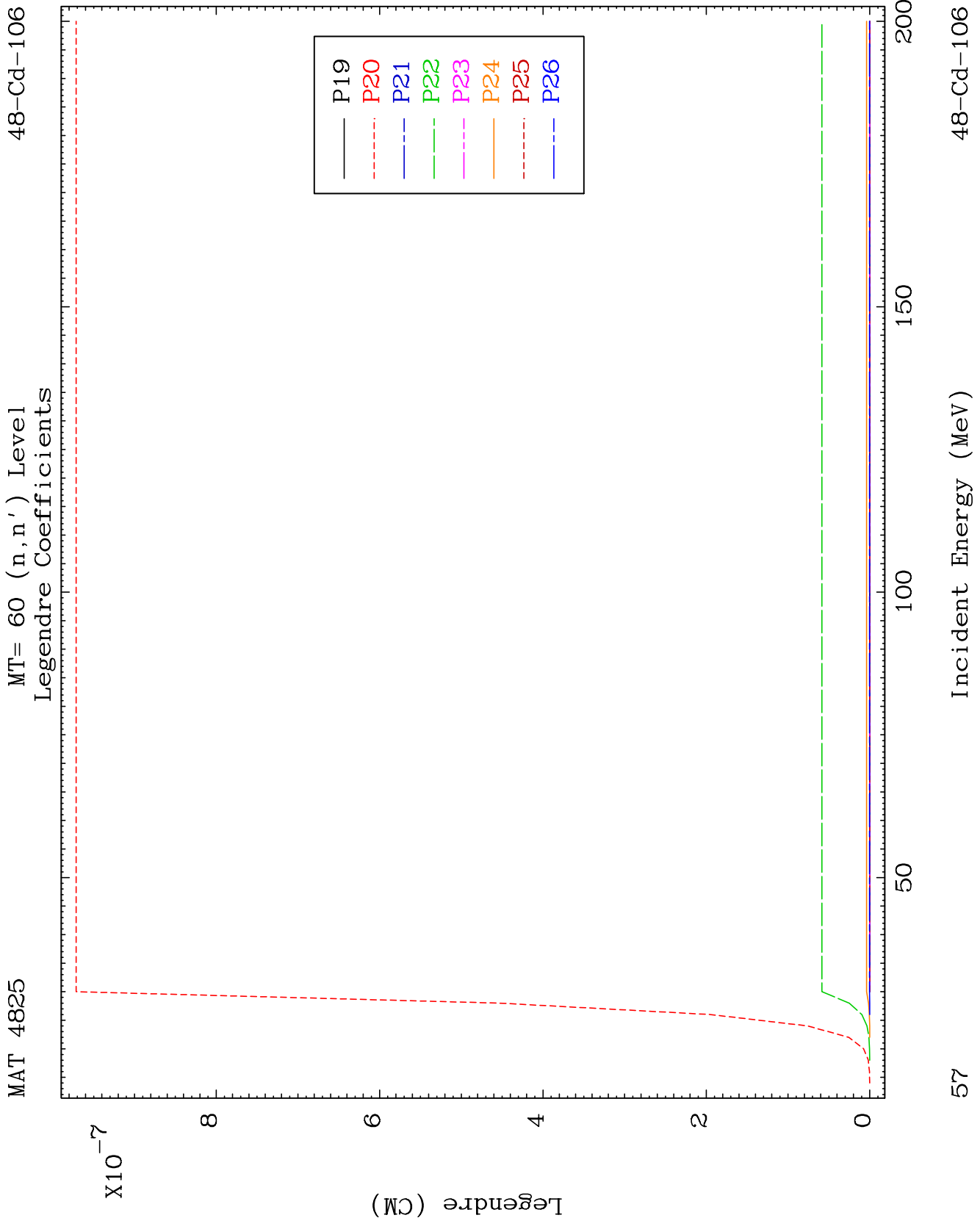
48-Cd-106



56

Incident Energy (MeV)

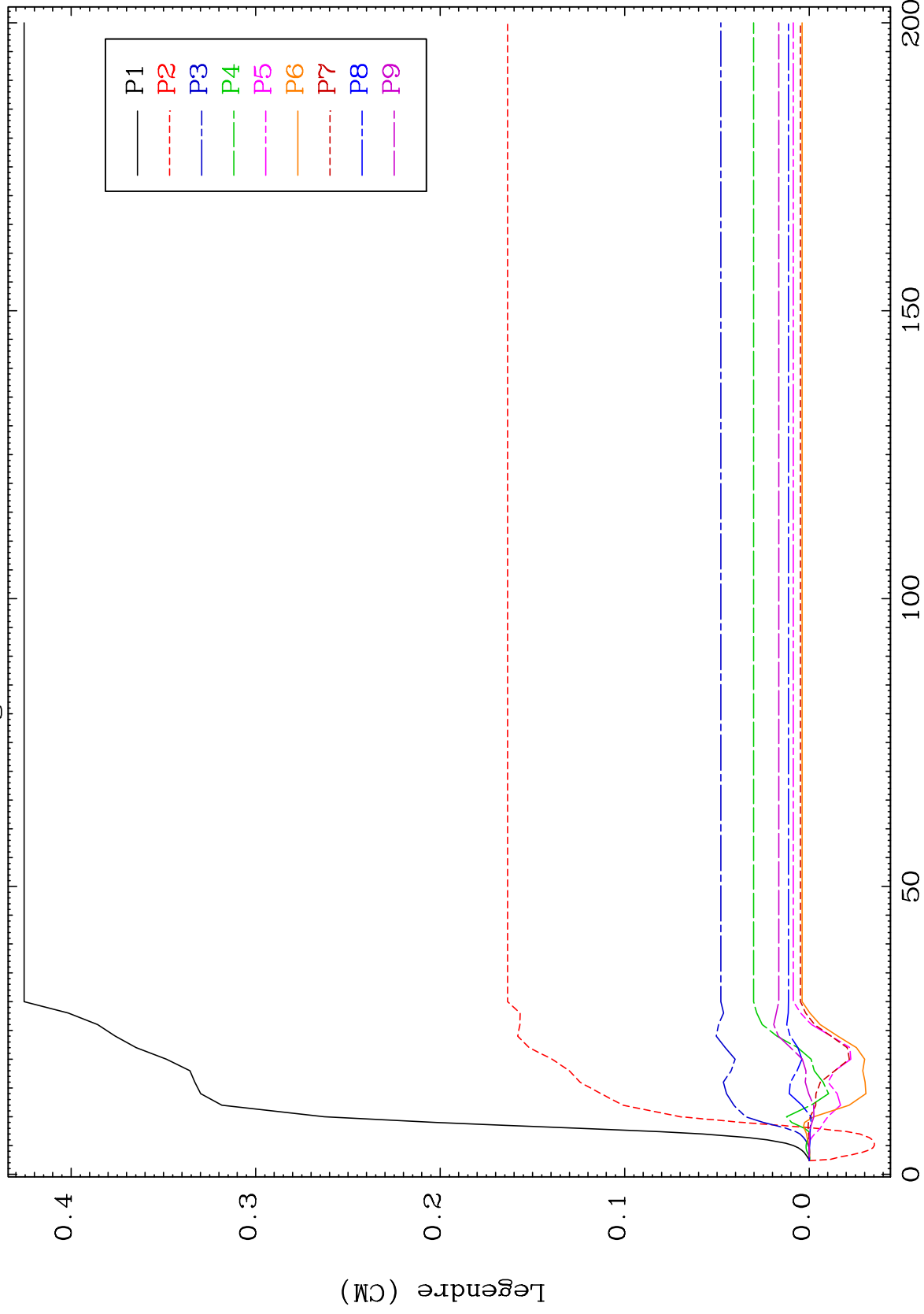
48-Cd-106



MAT 4825

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

48-Cd-106



58

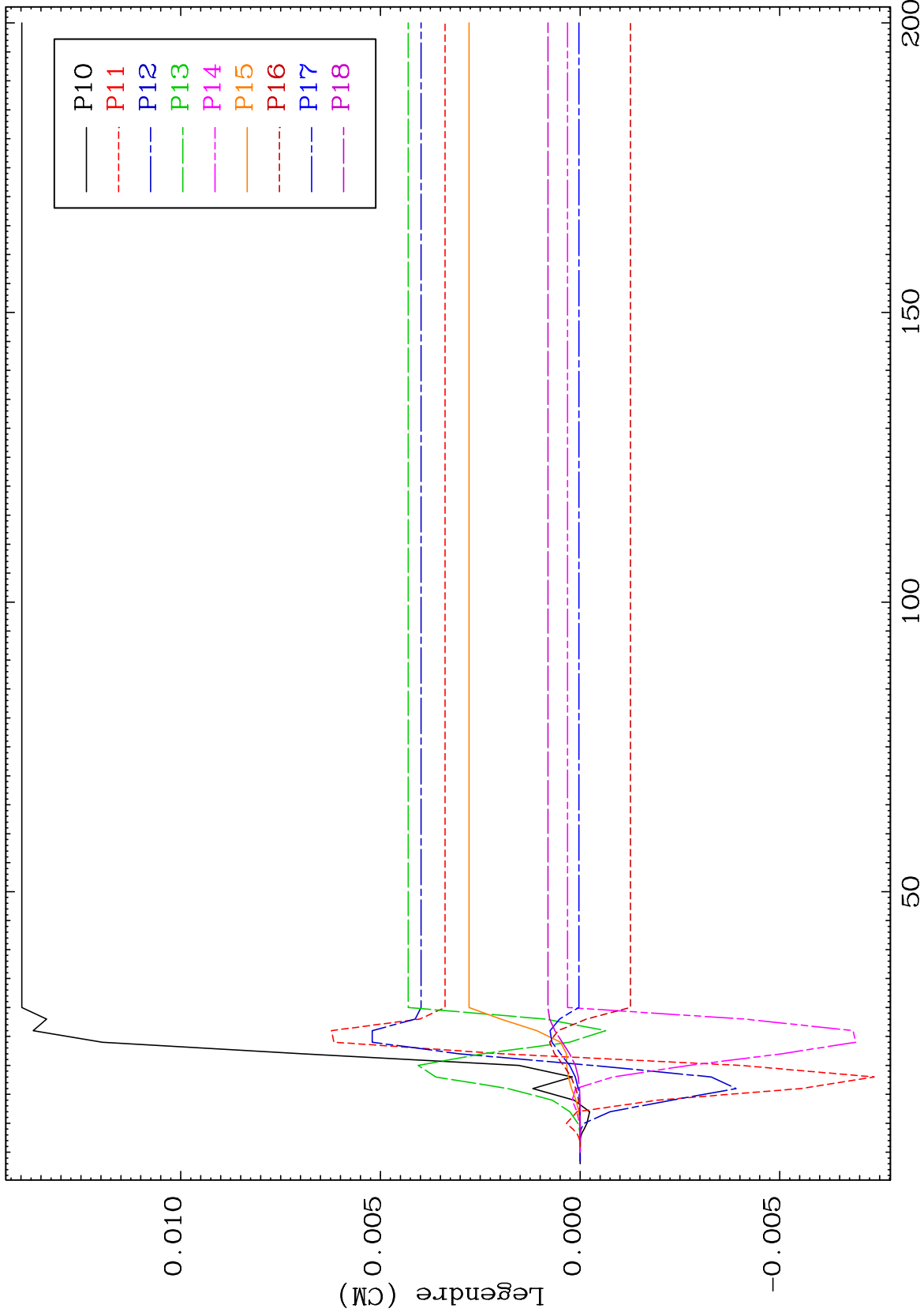
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



59

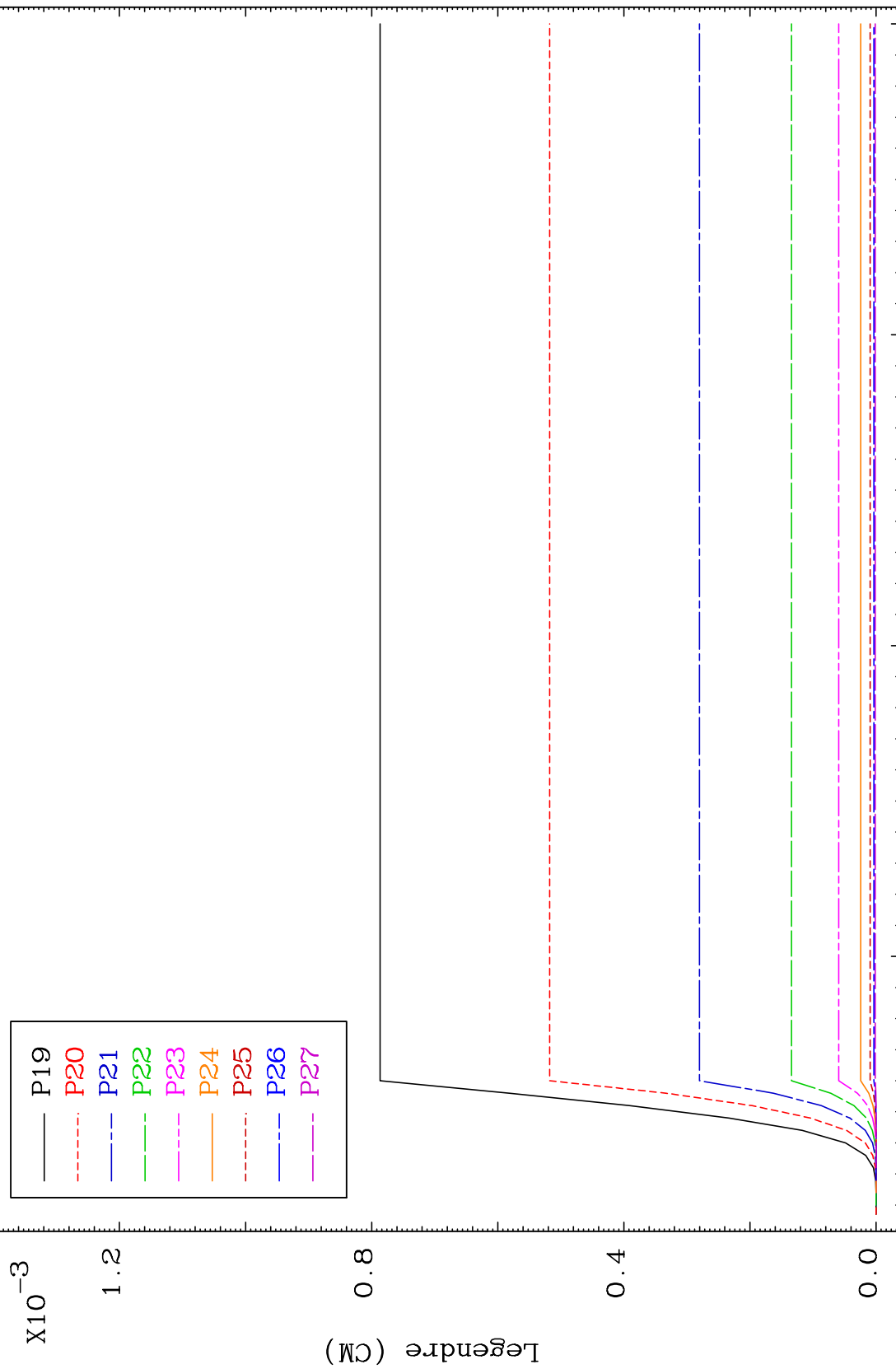
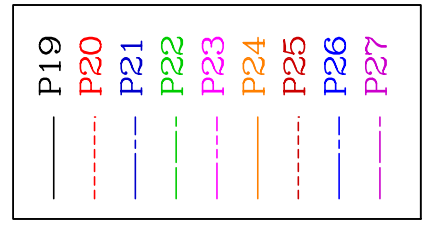
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



60

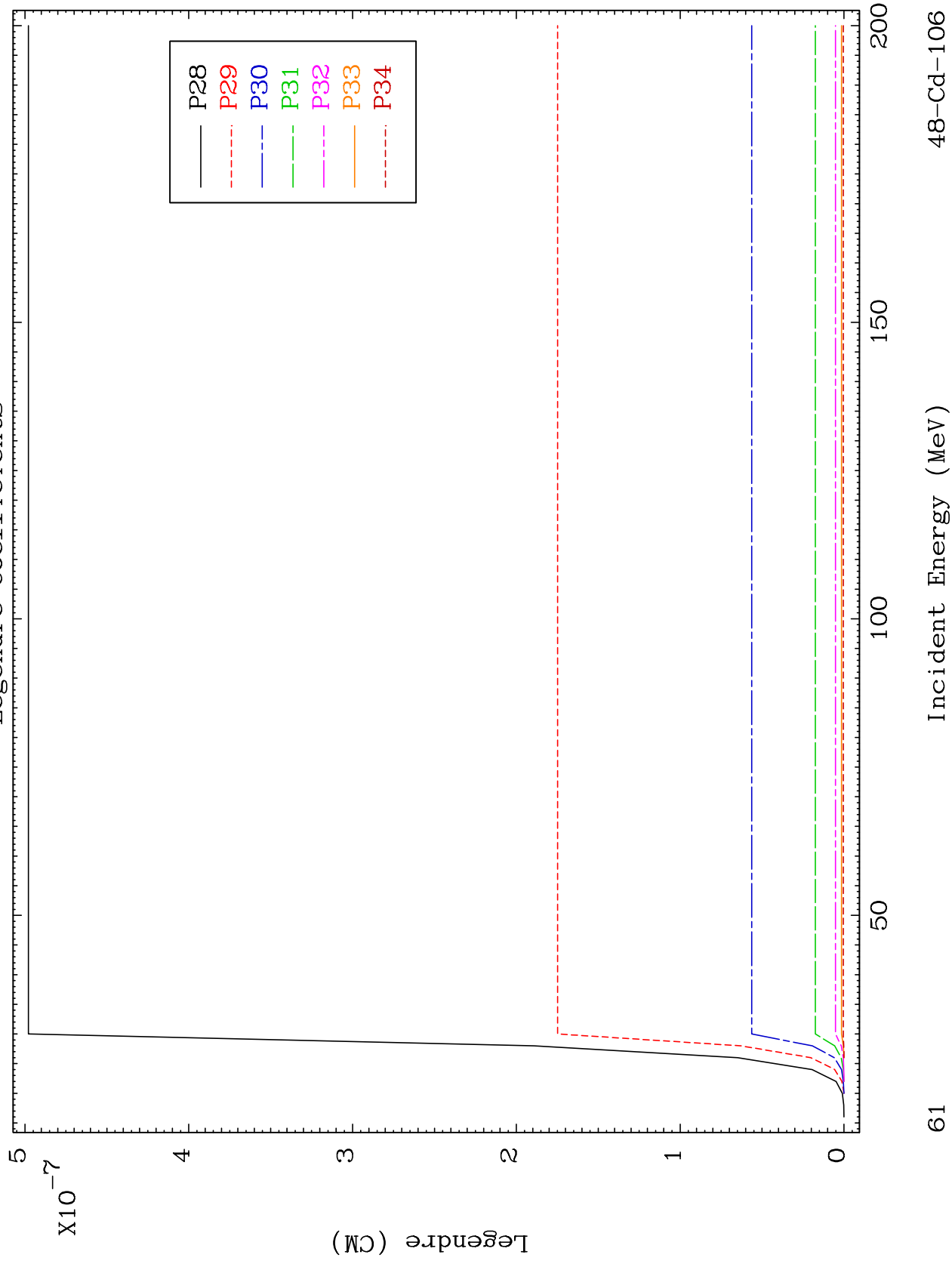
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

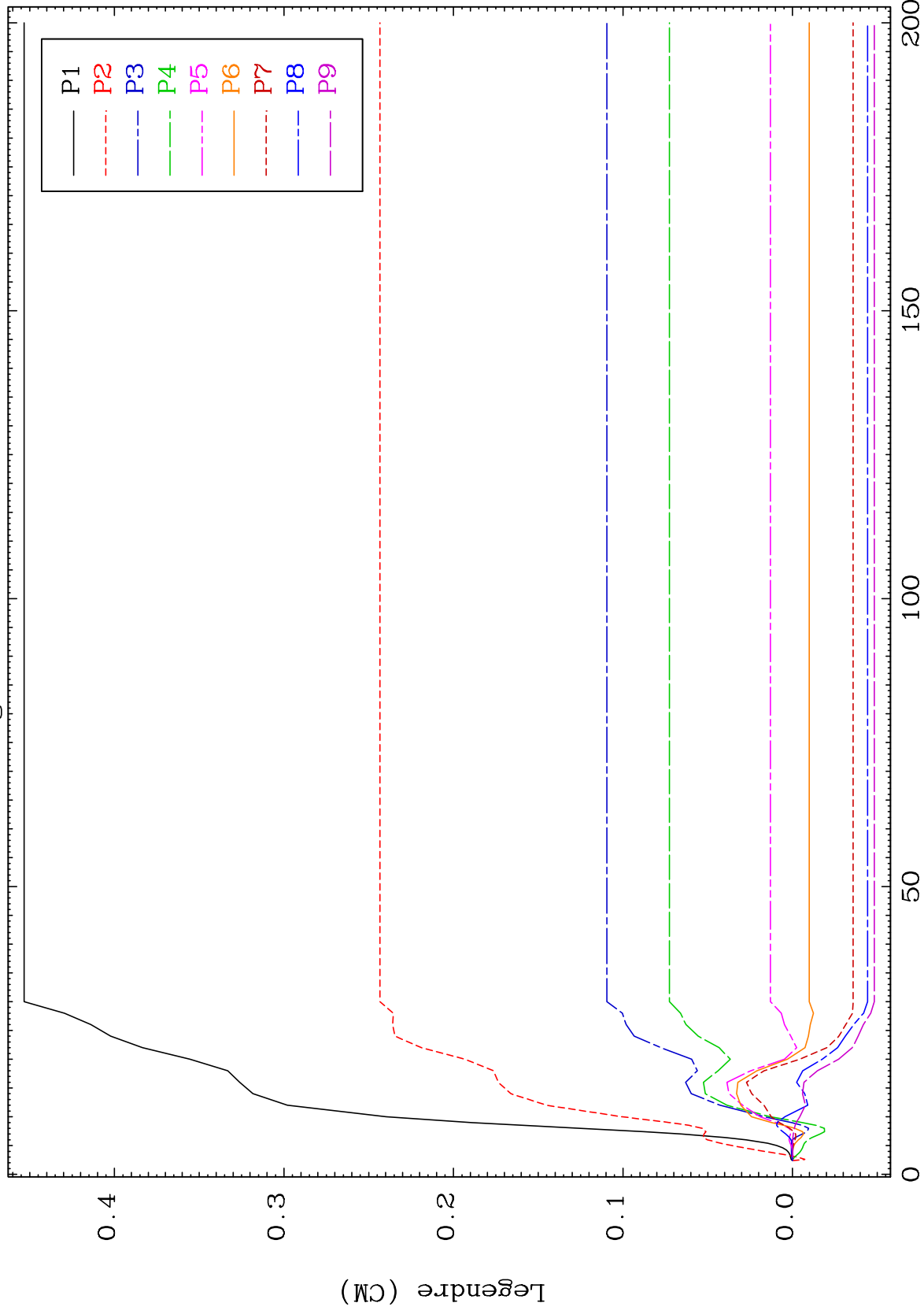
48-Cd-106



MAT 4825

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

48-Cd-106



62

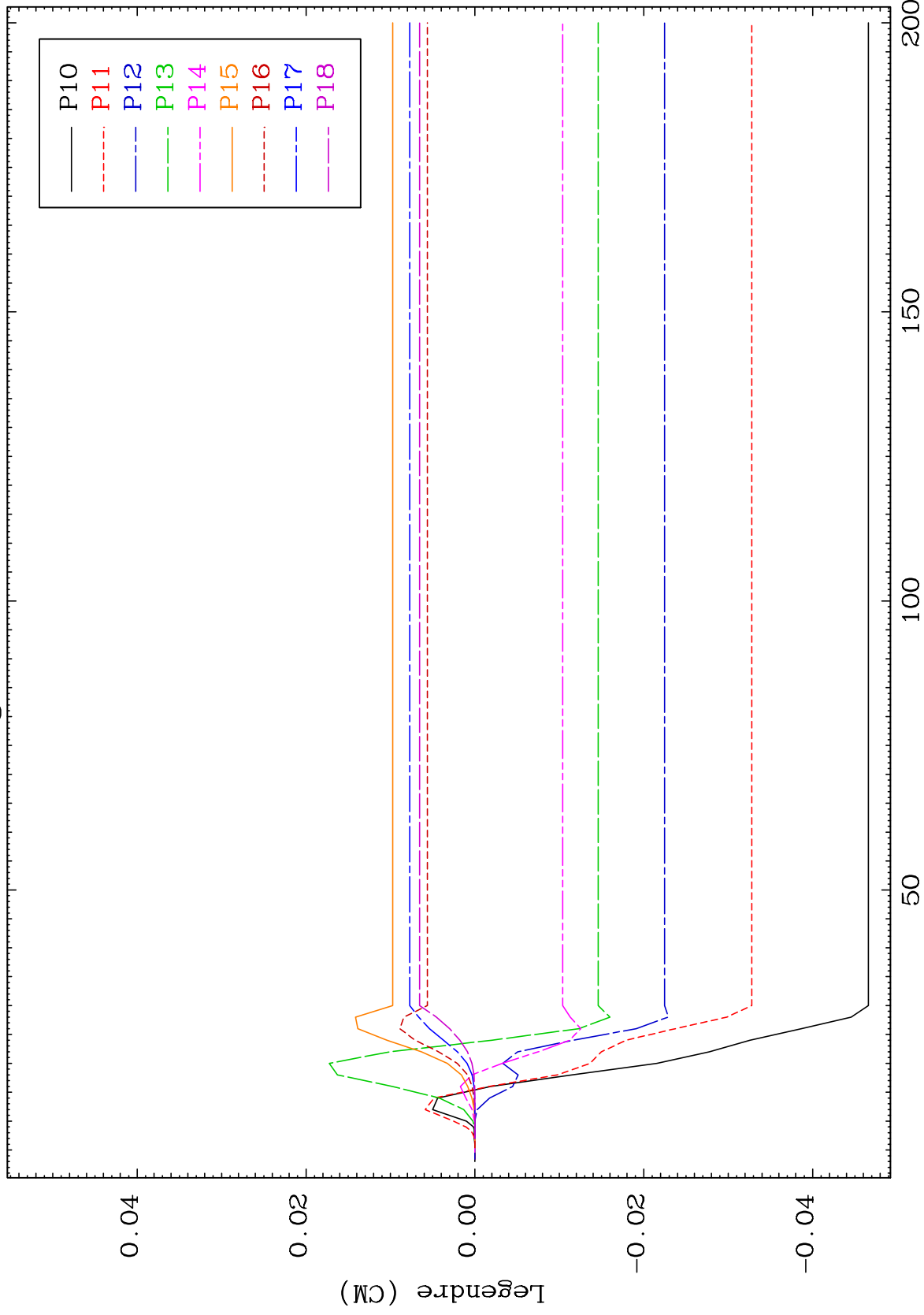
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



63

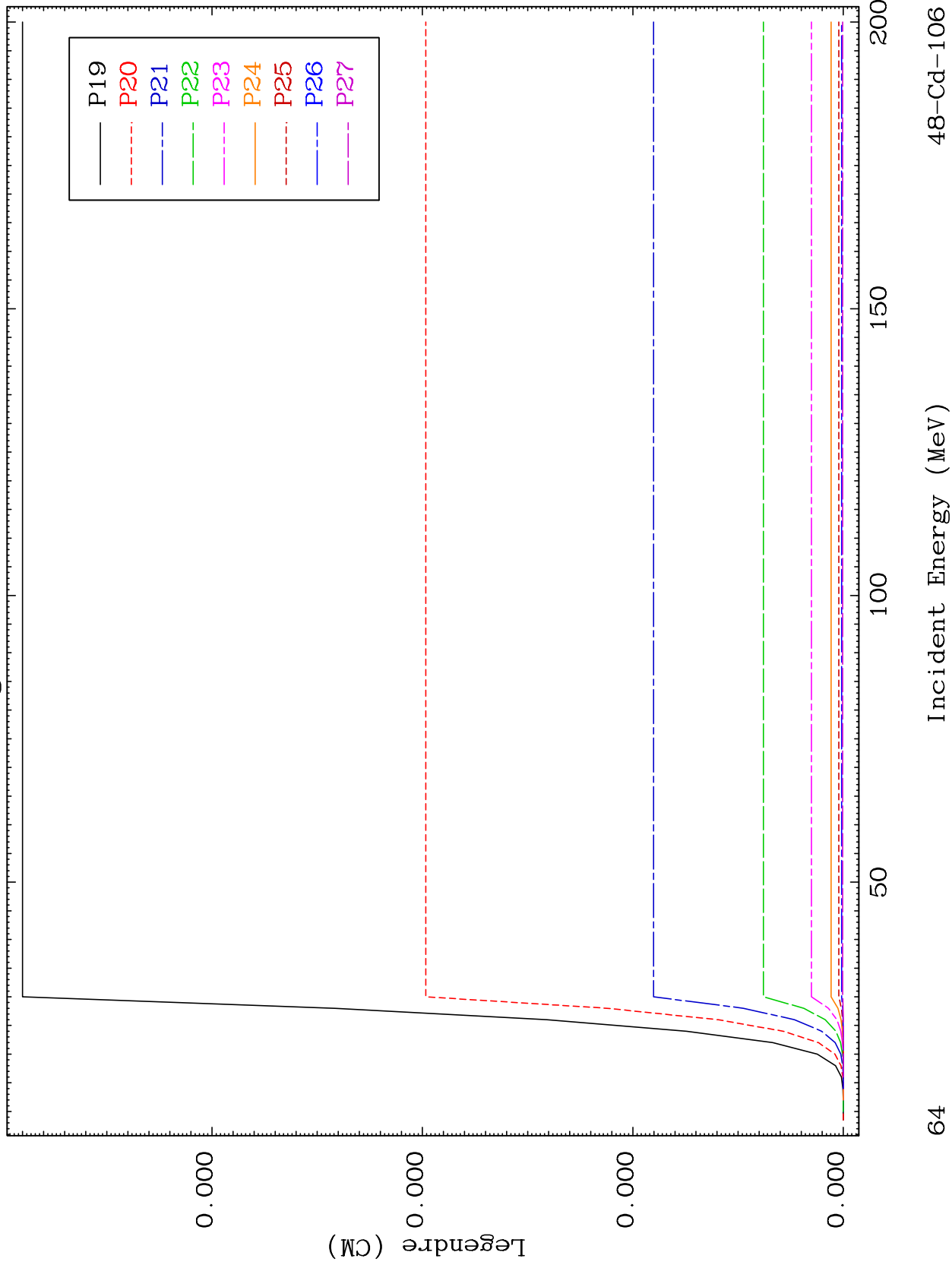
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

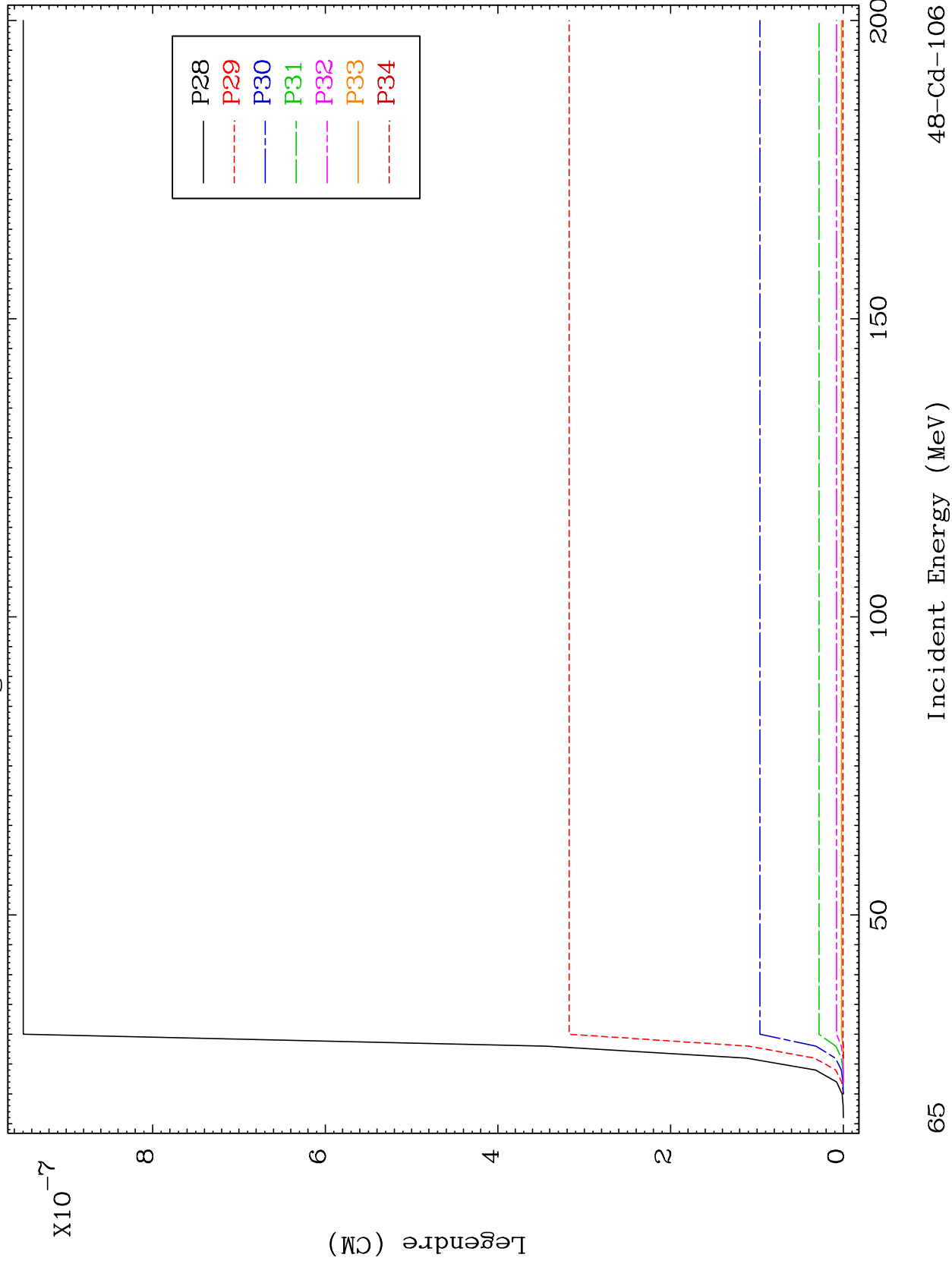
48-Cd-106



MAT 4825

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

48-Cd-106



65

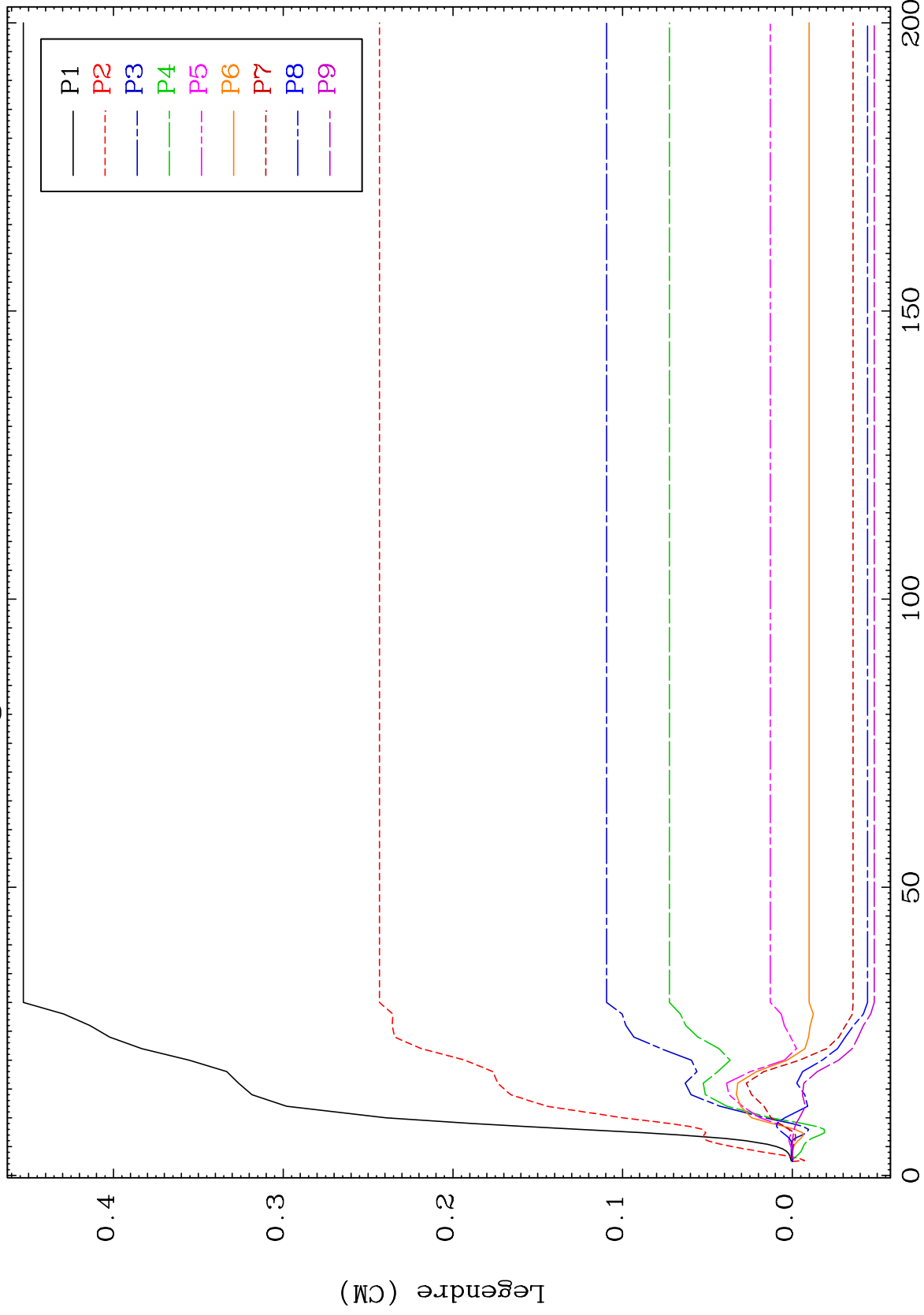
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



66

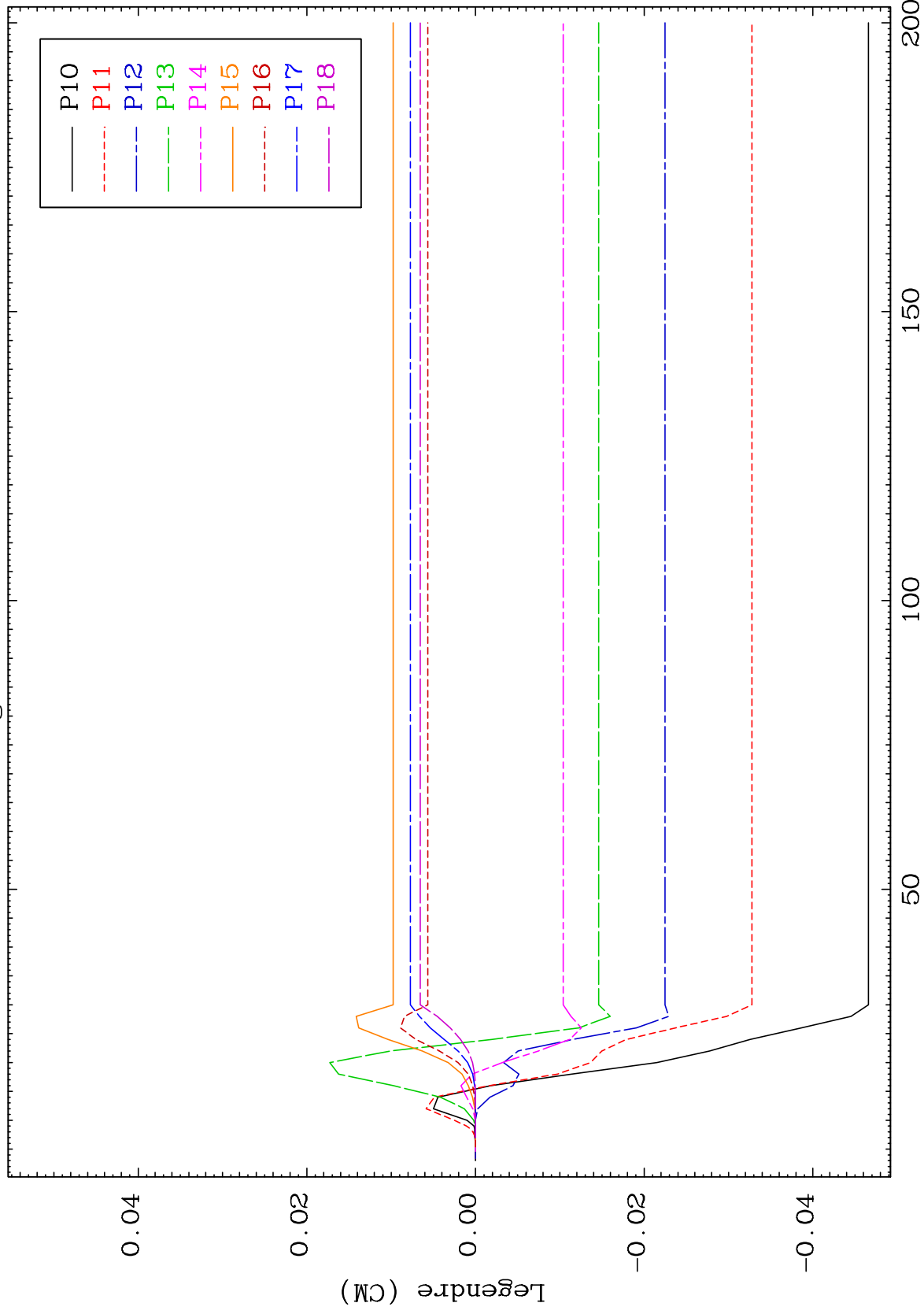
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



67

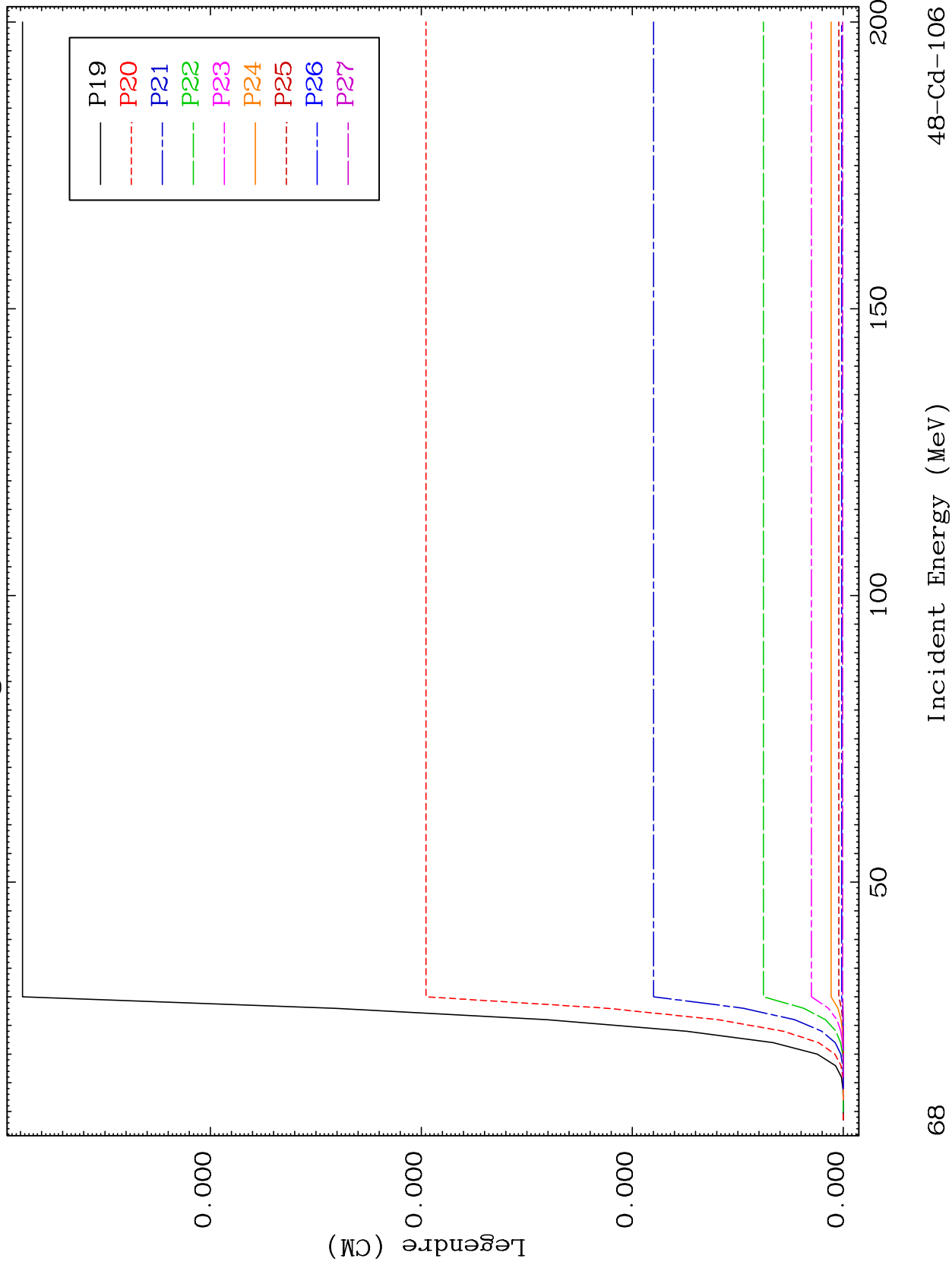
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



68

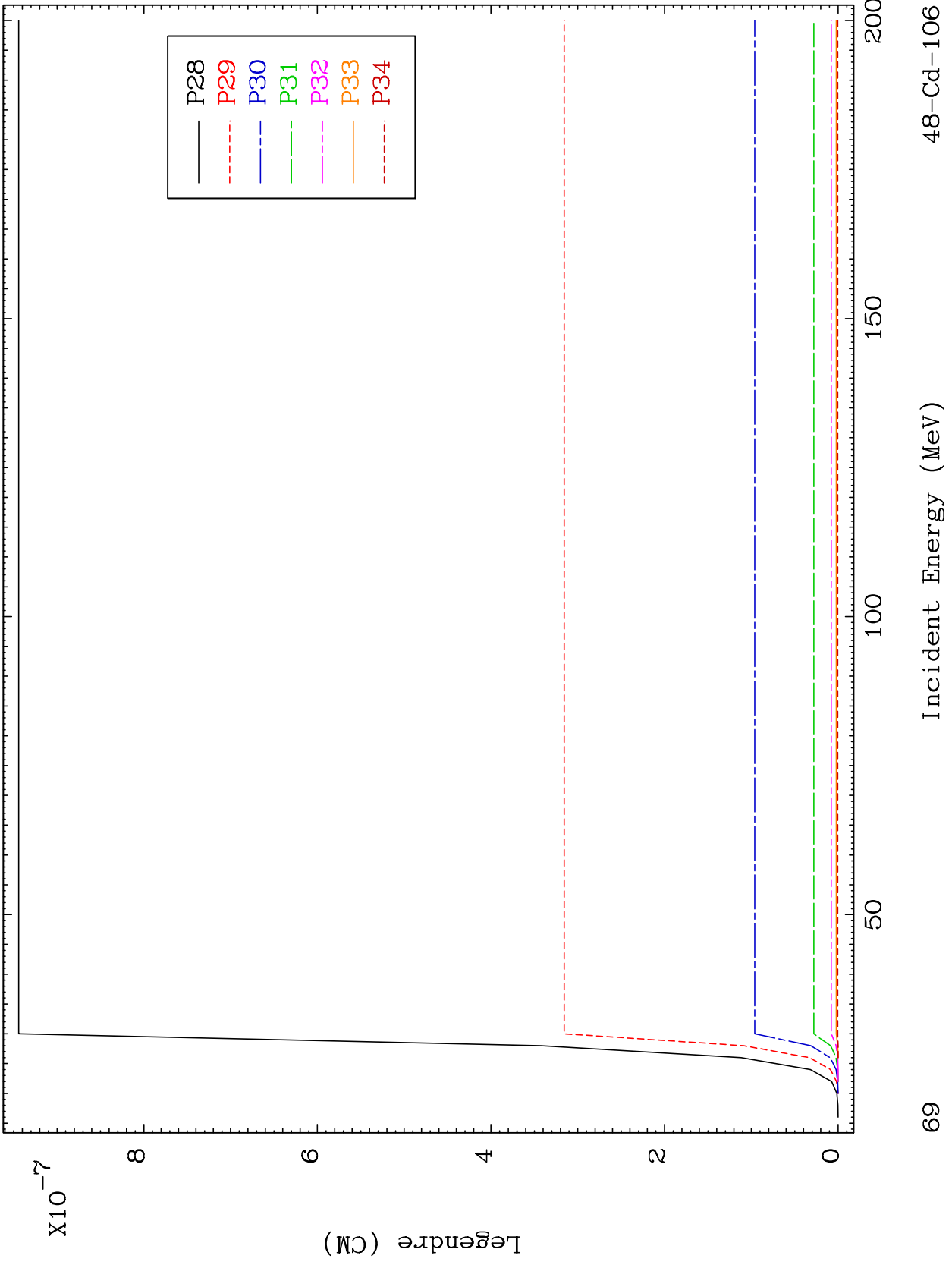
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

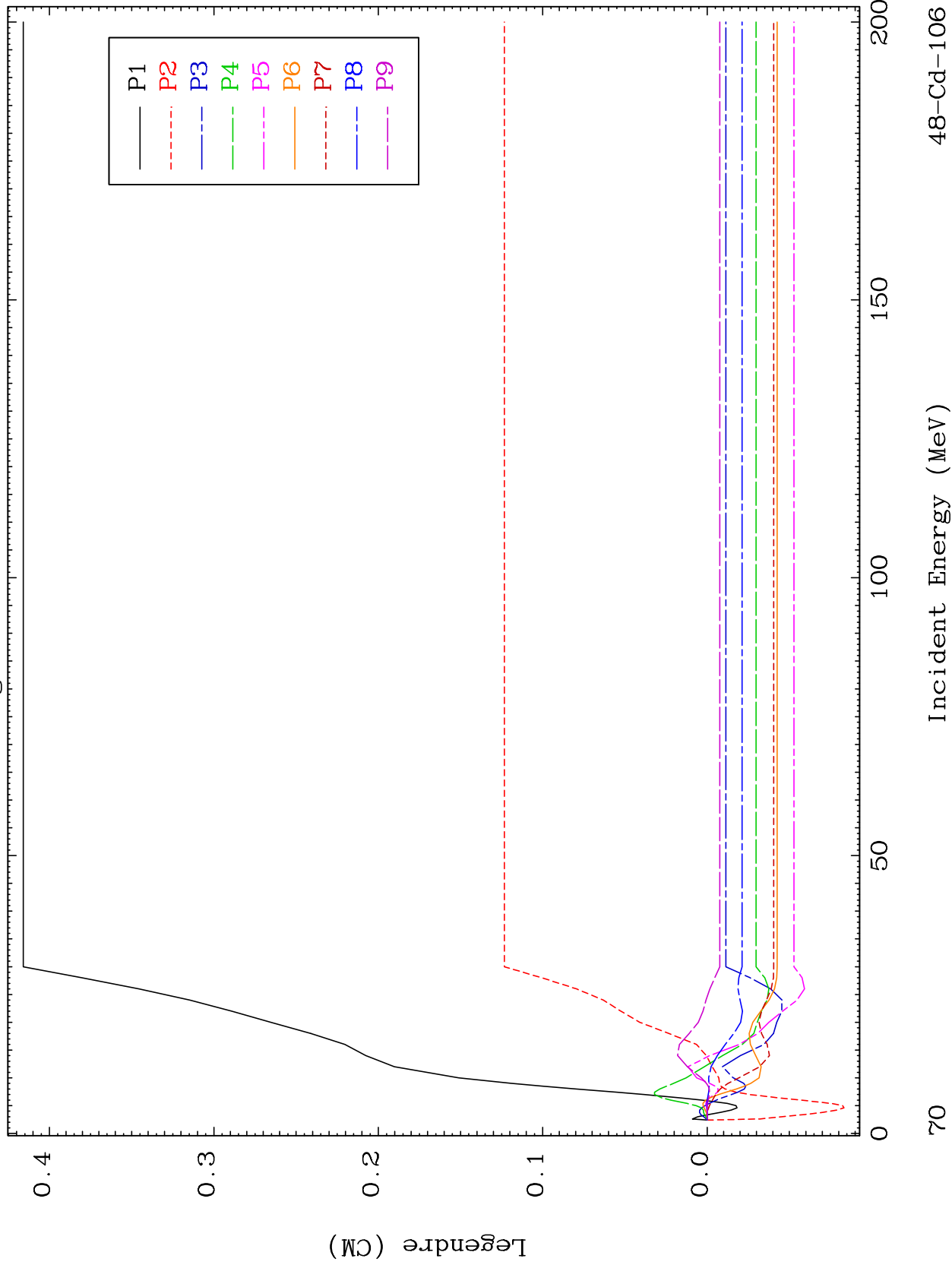
48-Cd-106



MAT 4825

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

48-Cd-106



48-Cd-106

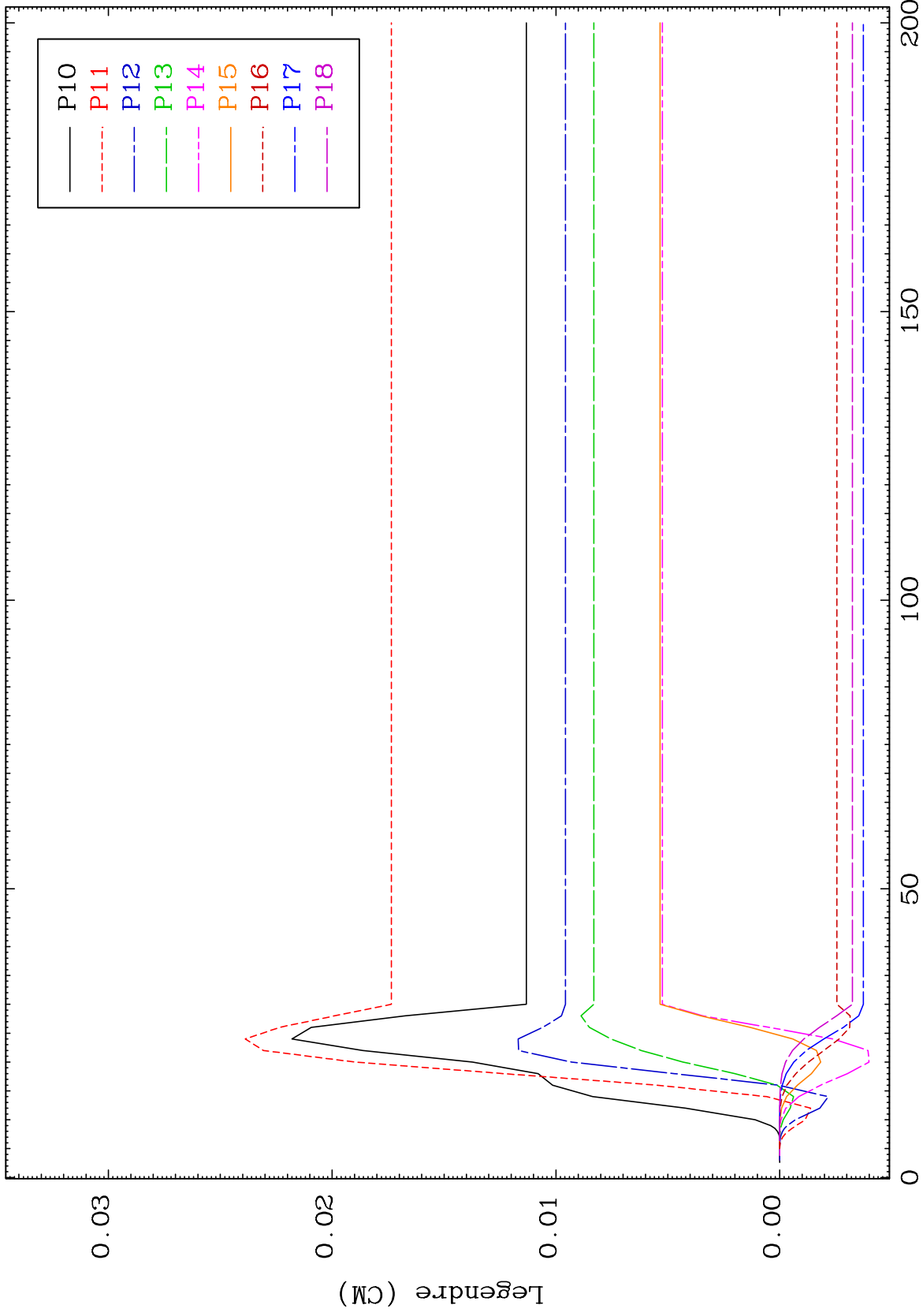
Incident Energy (MeV)

70

MAT 4825

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

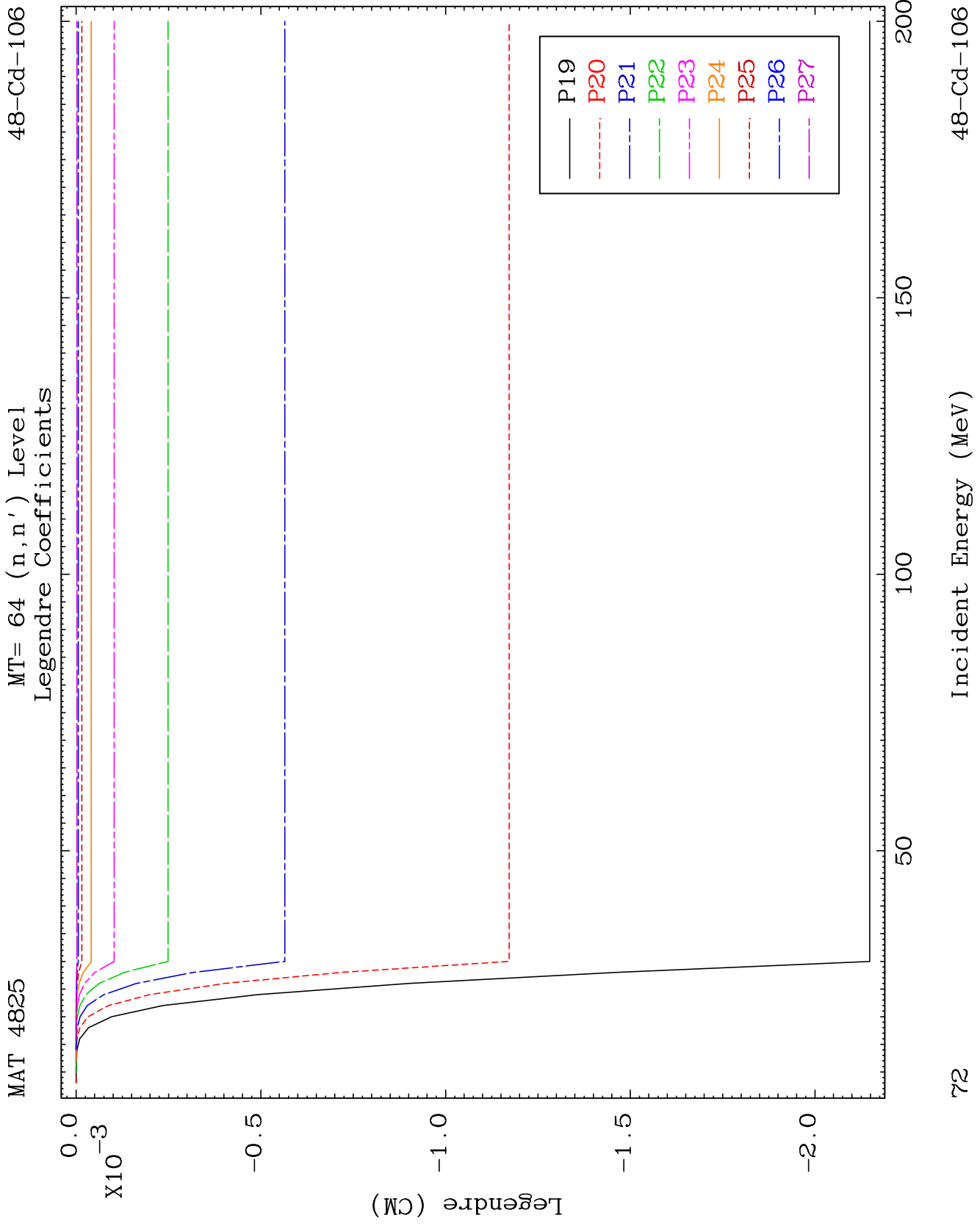
48-Cd-106



71

Incident Energy (MeV)

48-Cd-106

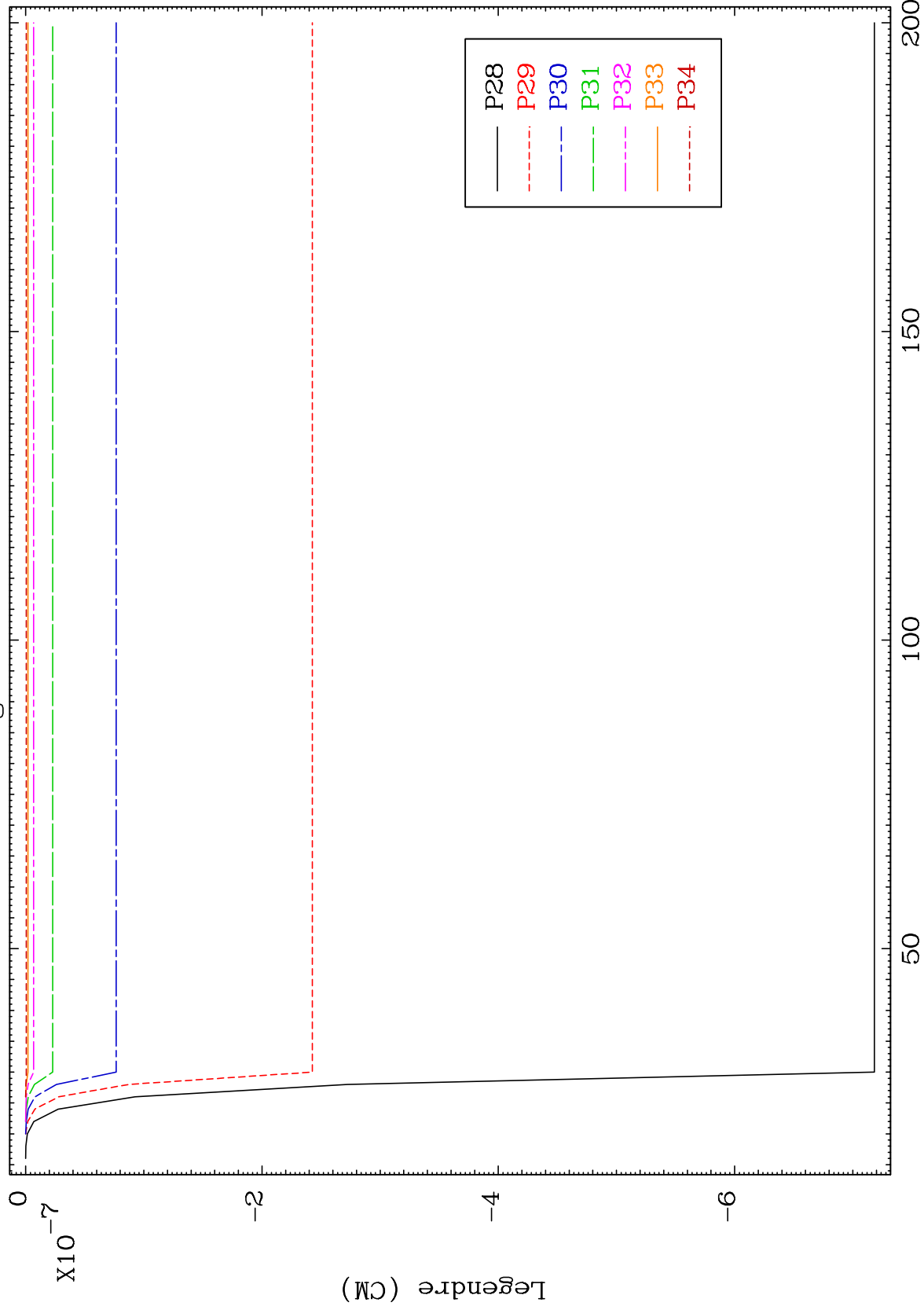


MAT 4825

MT= 64 (n,n') Level

48-Cd-106

Legendre Coefficients



73

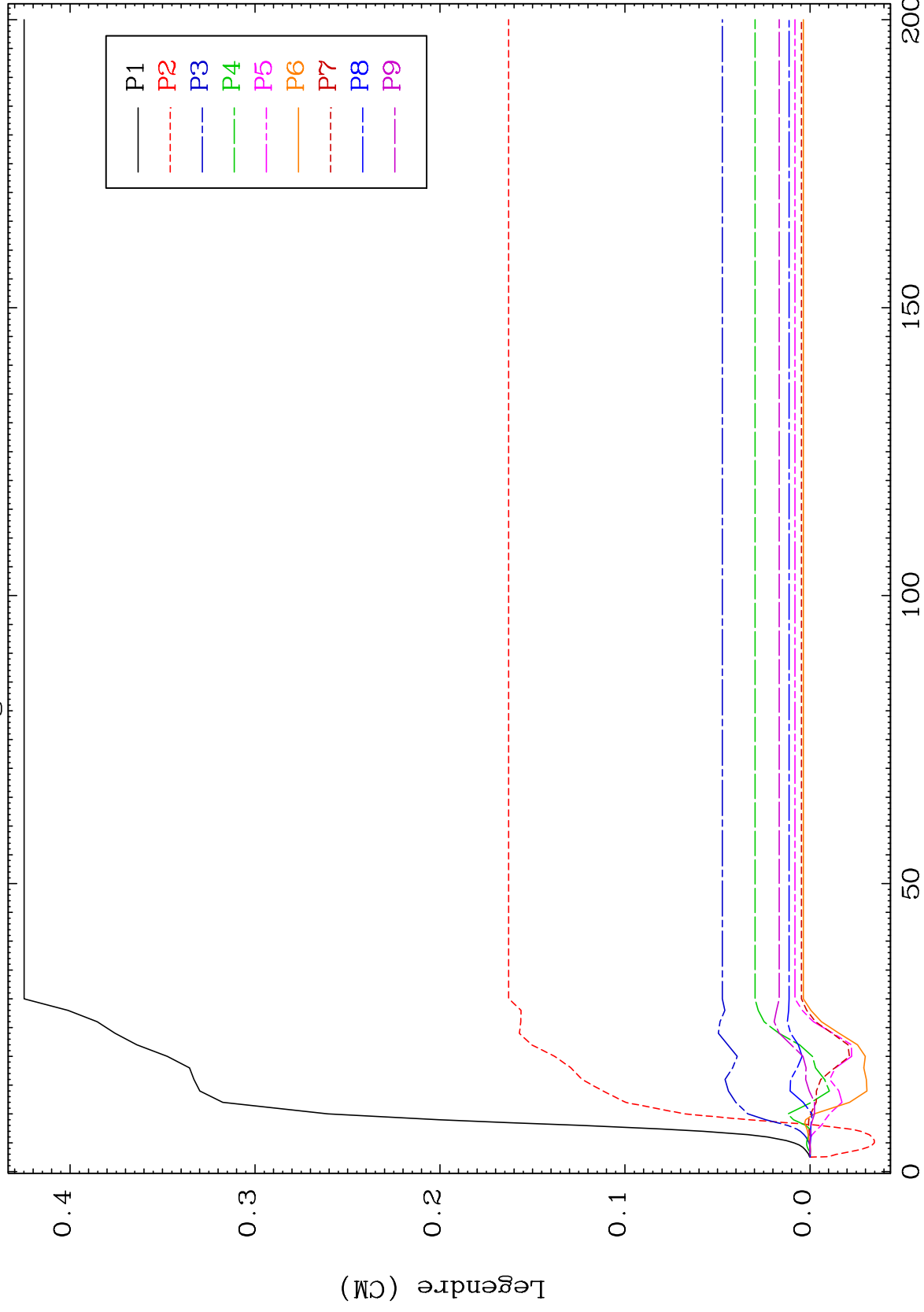
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



74

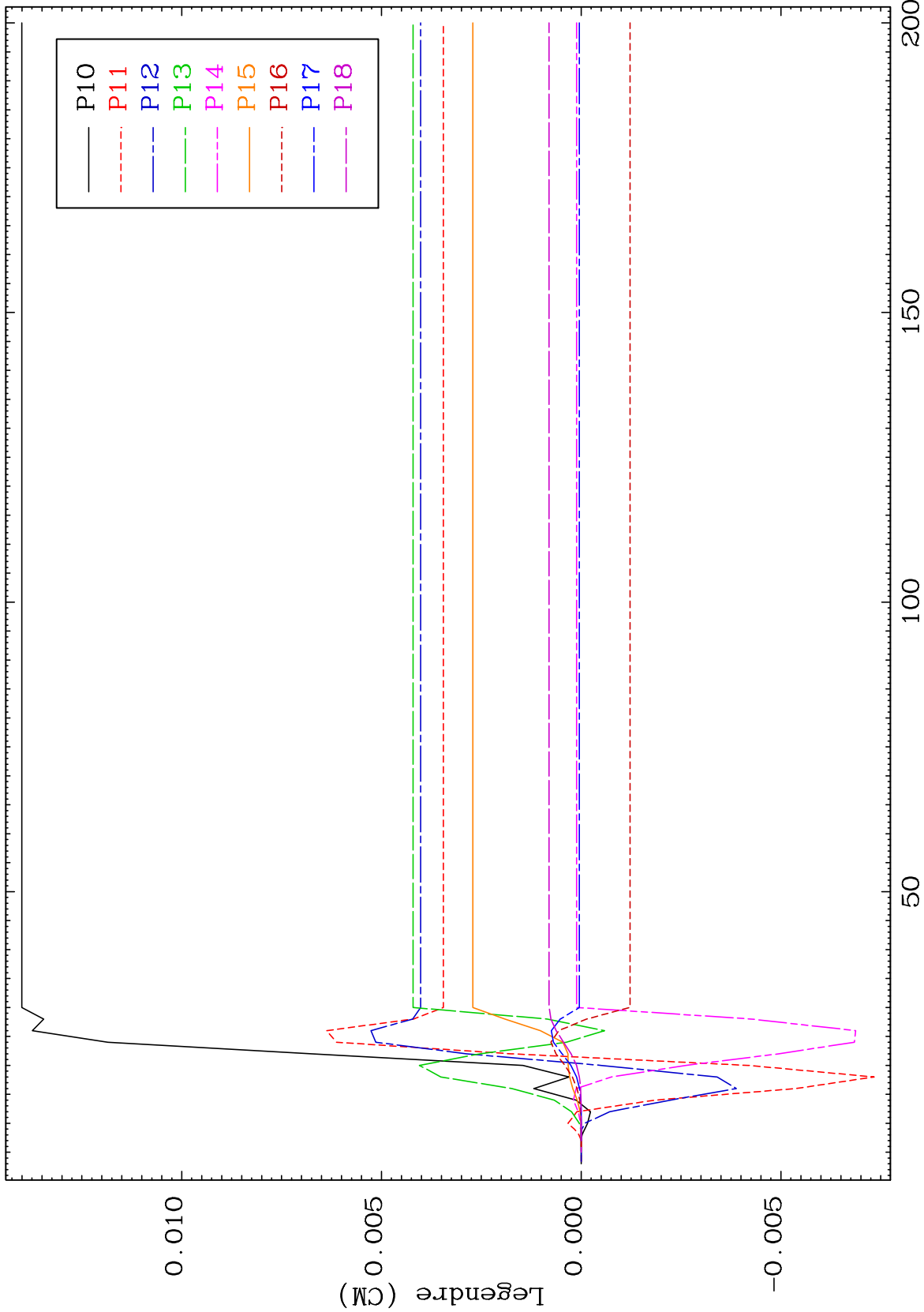
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



75

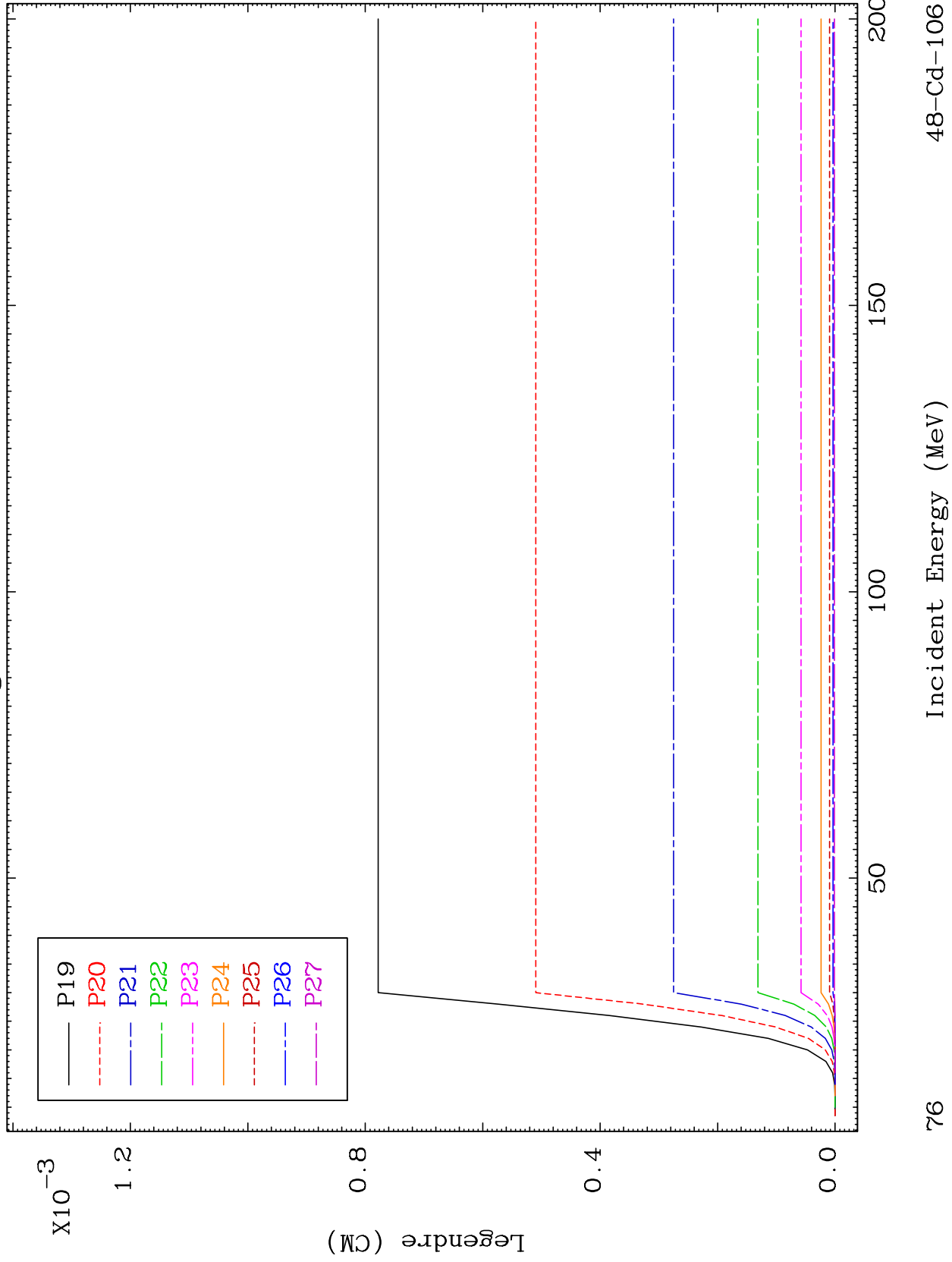
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

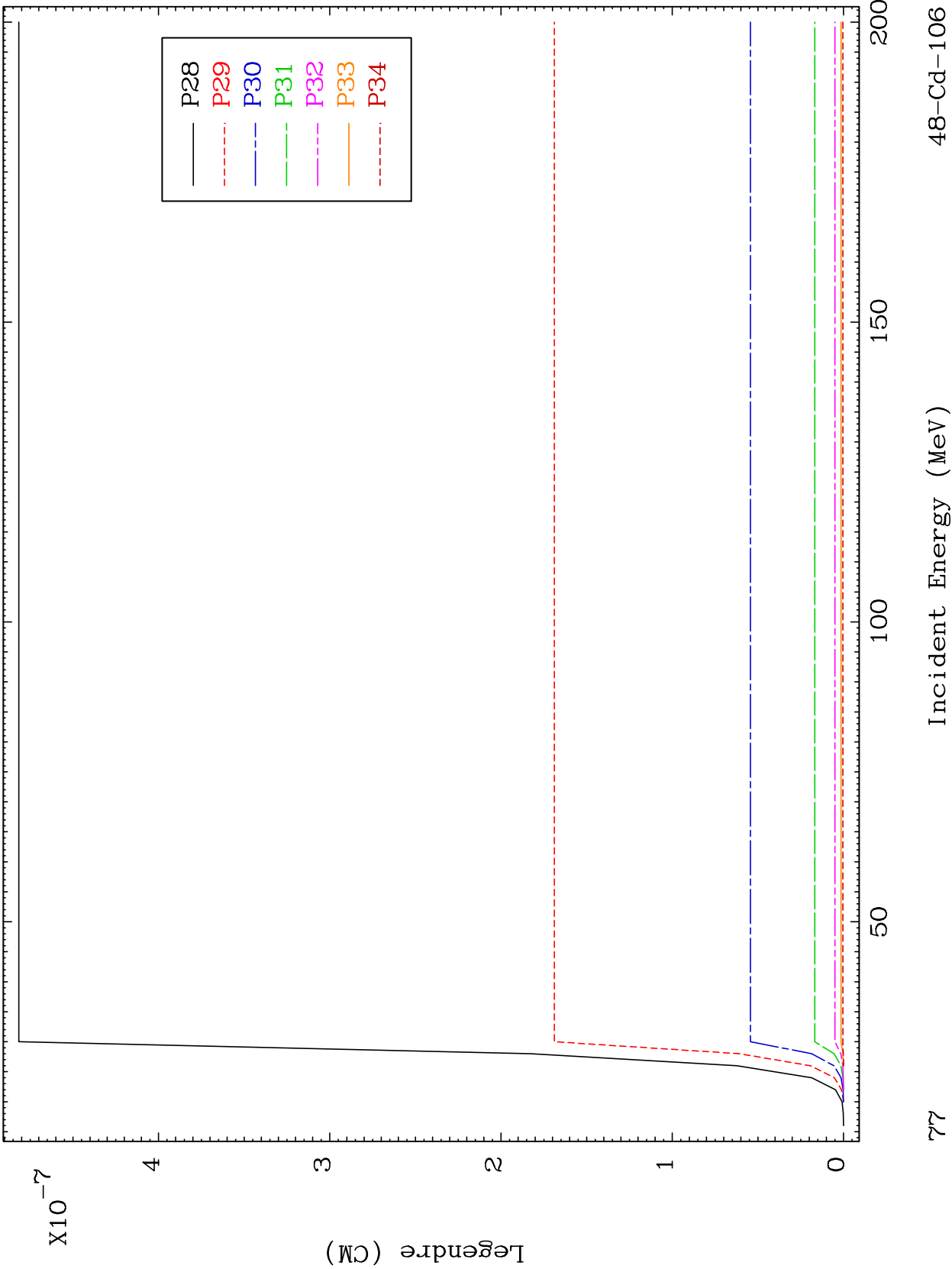
48-Cd-106

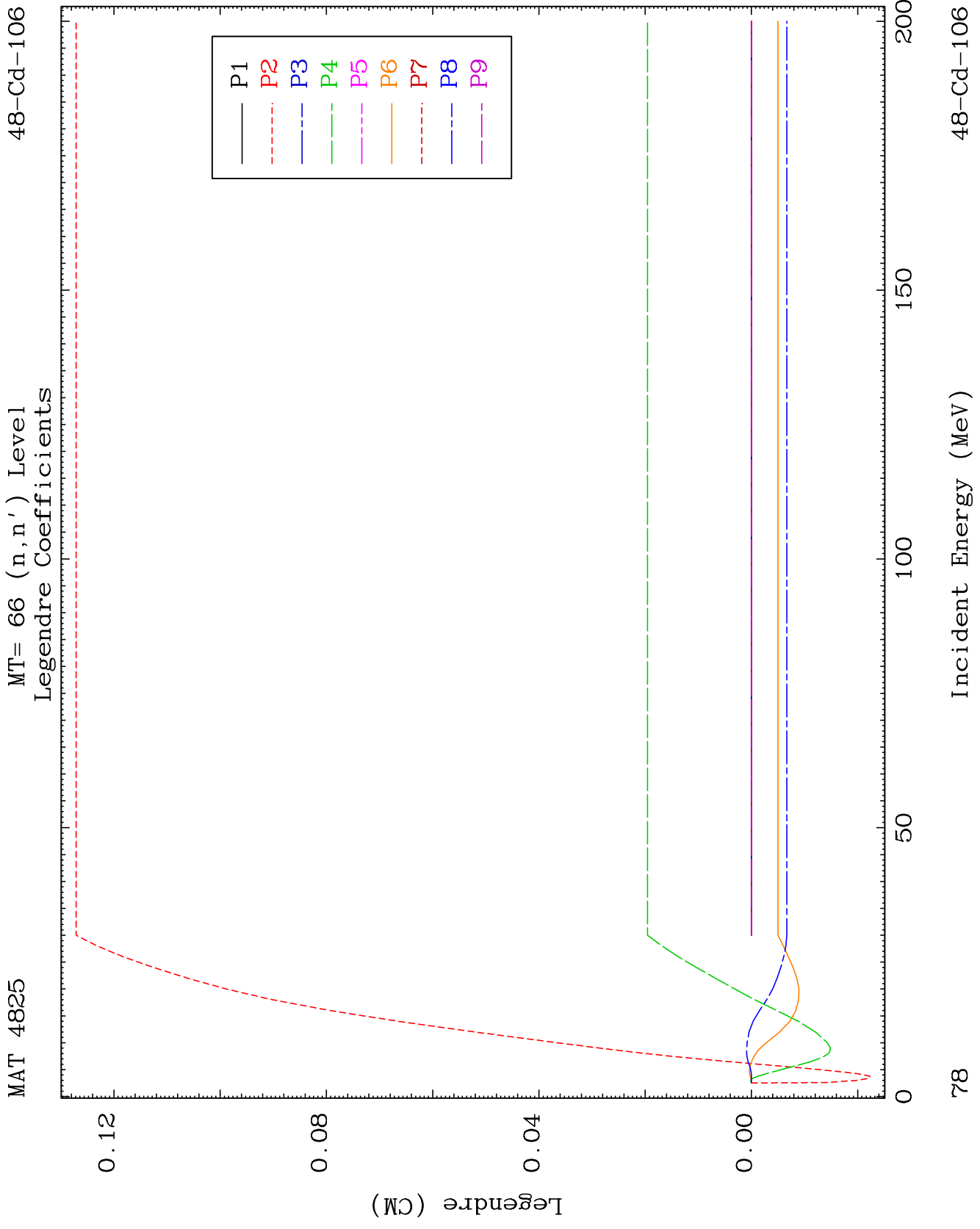


MAT 4825

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

48-Cd-106

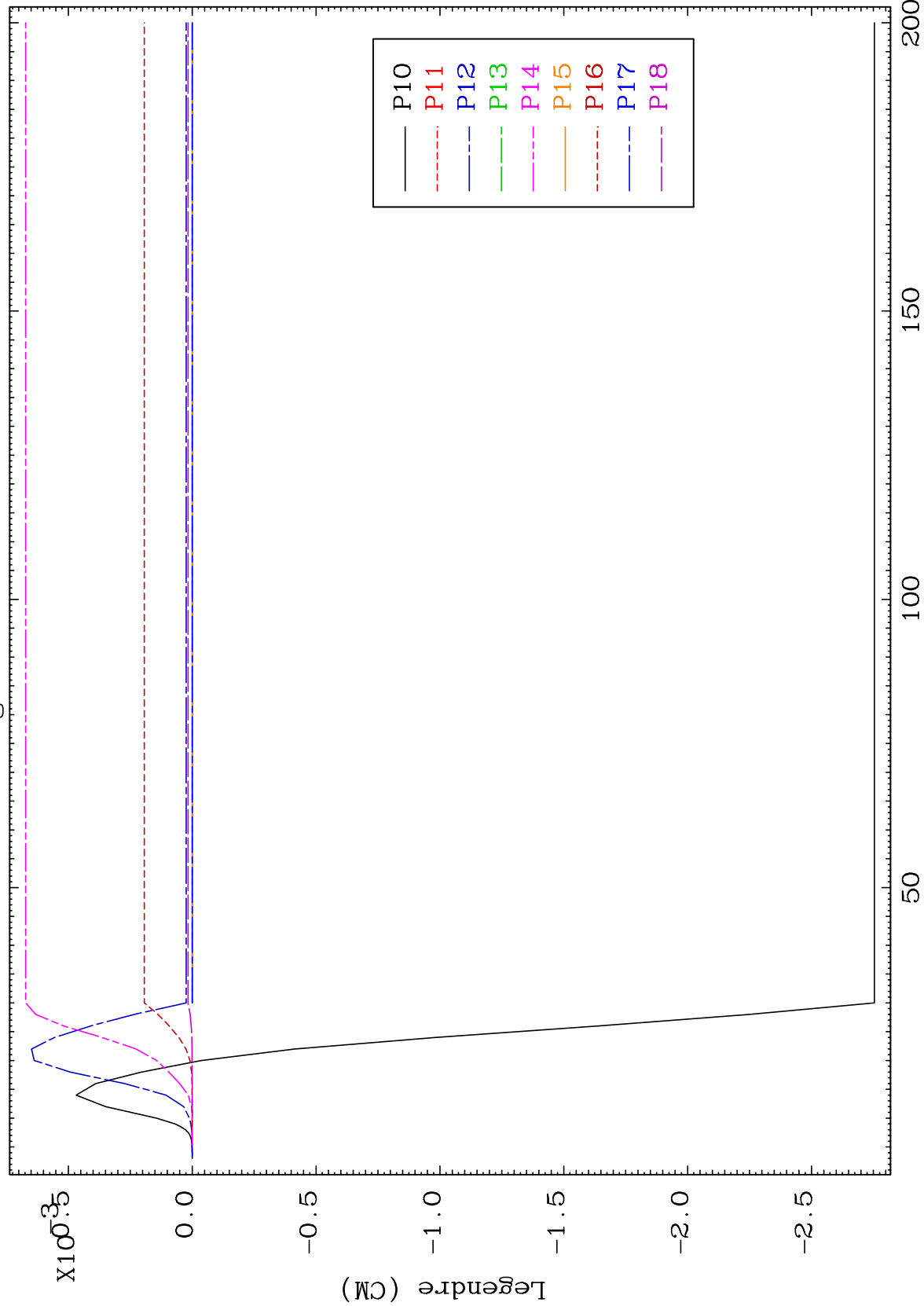




MAT 4825

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

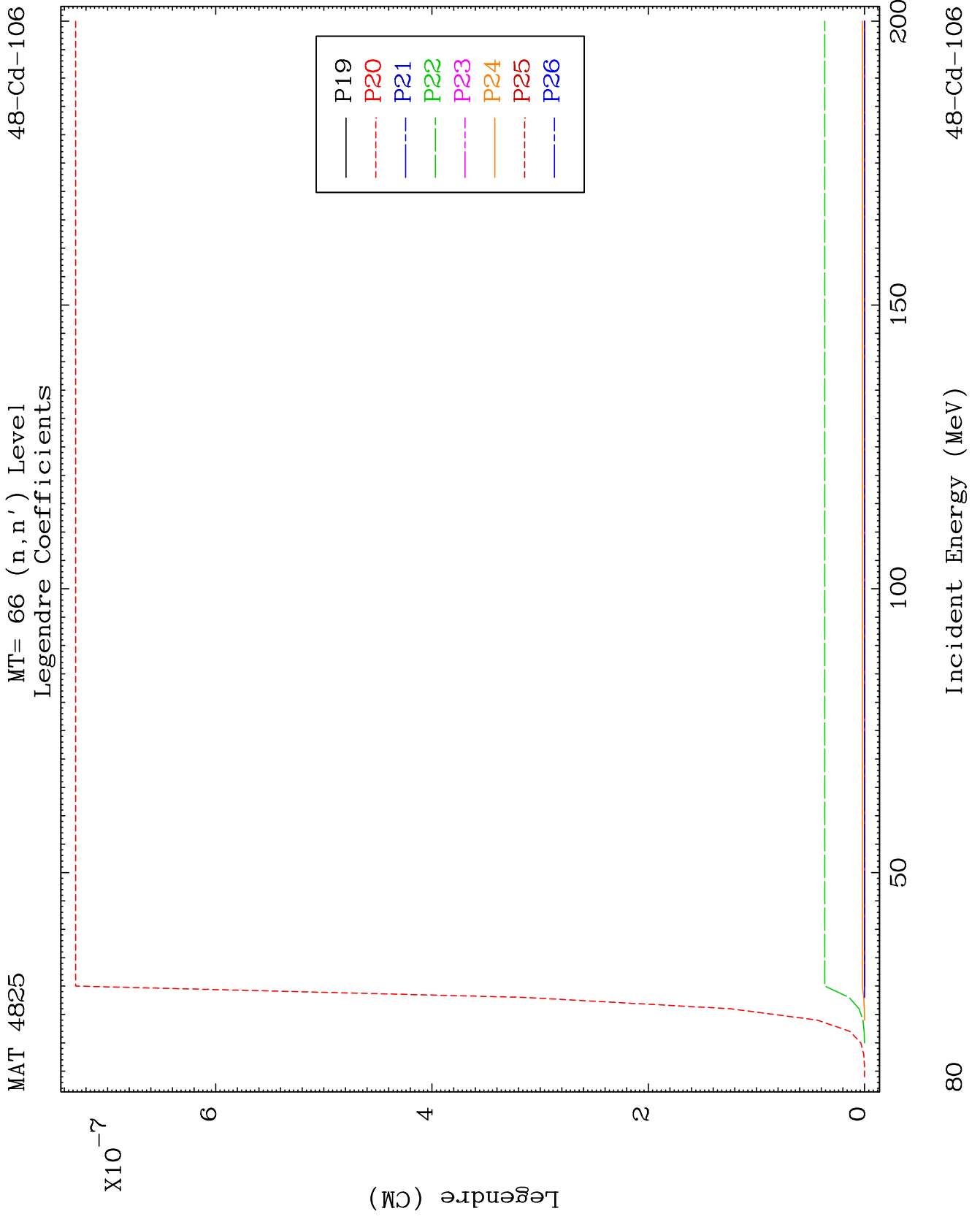
48-Cd-106



79

Incident Energy (MeV)

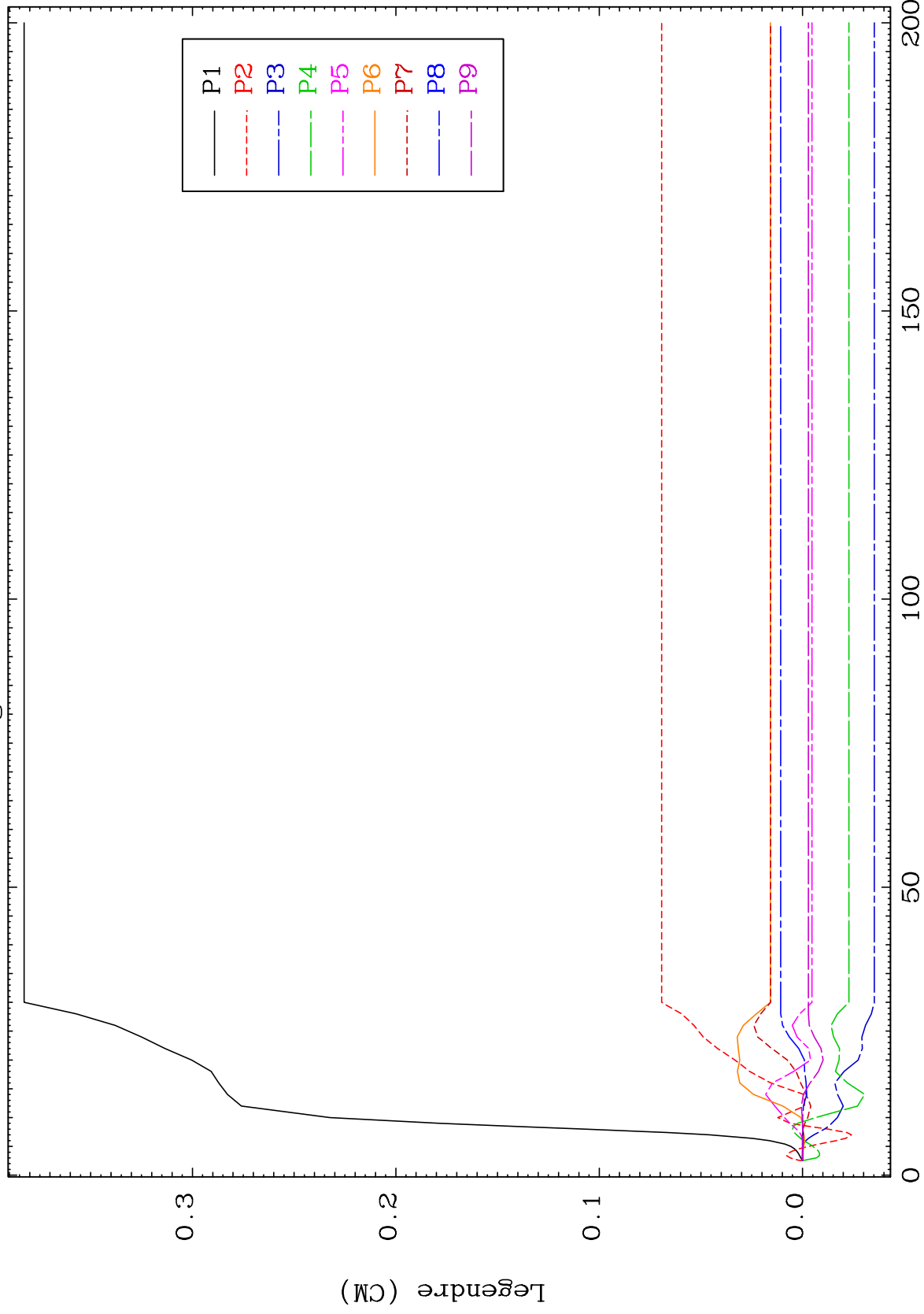
48-Cd-106



MAT 4825

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

48-Cd-106



81

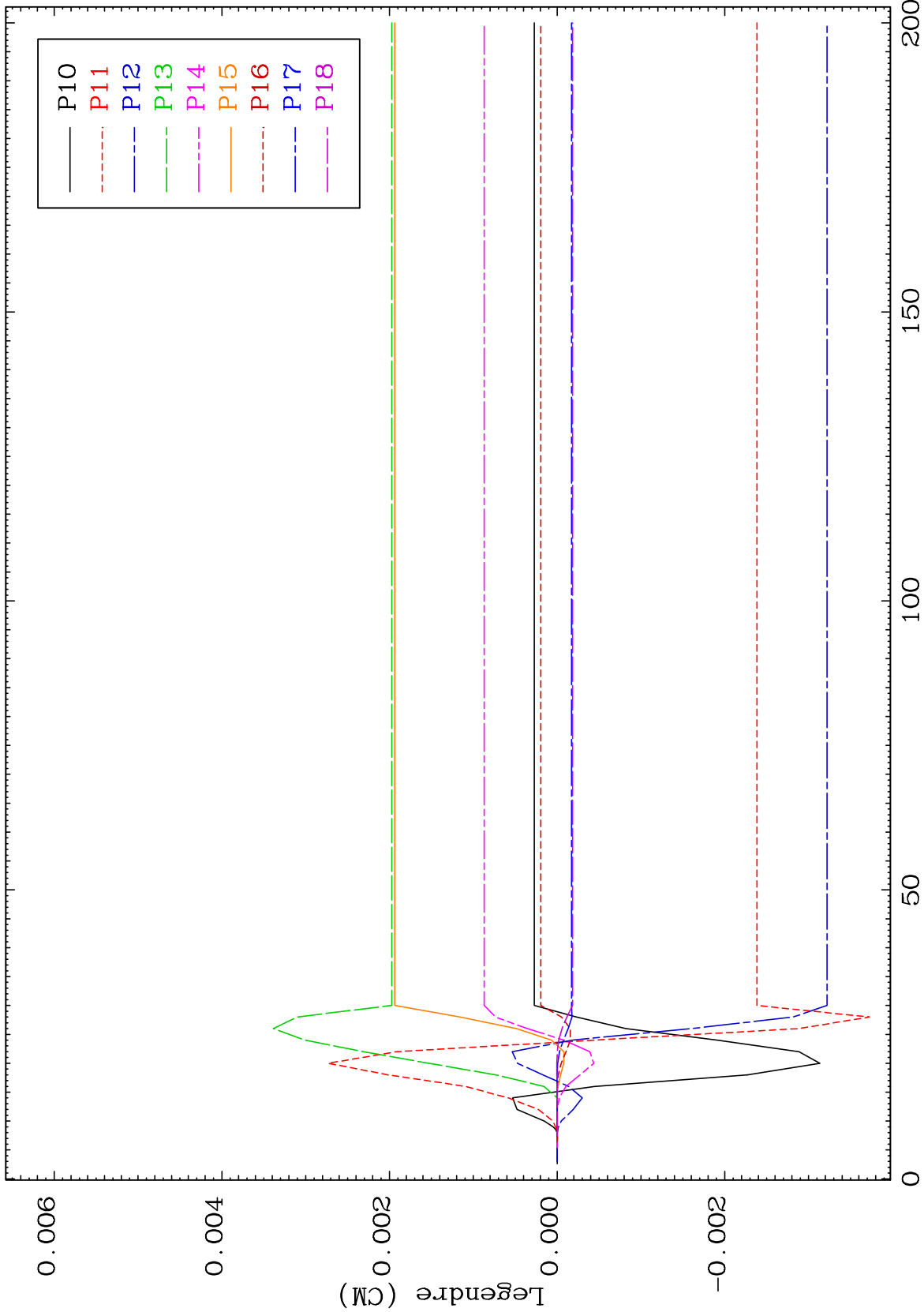
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



82

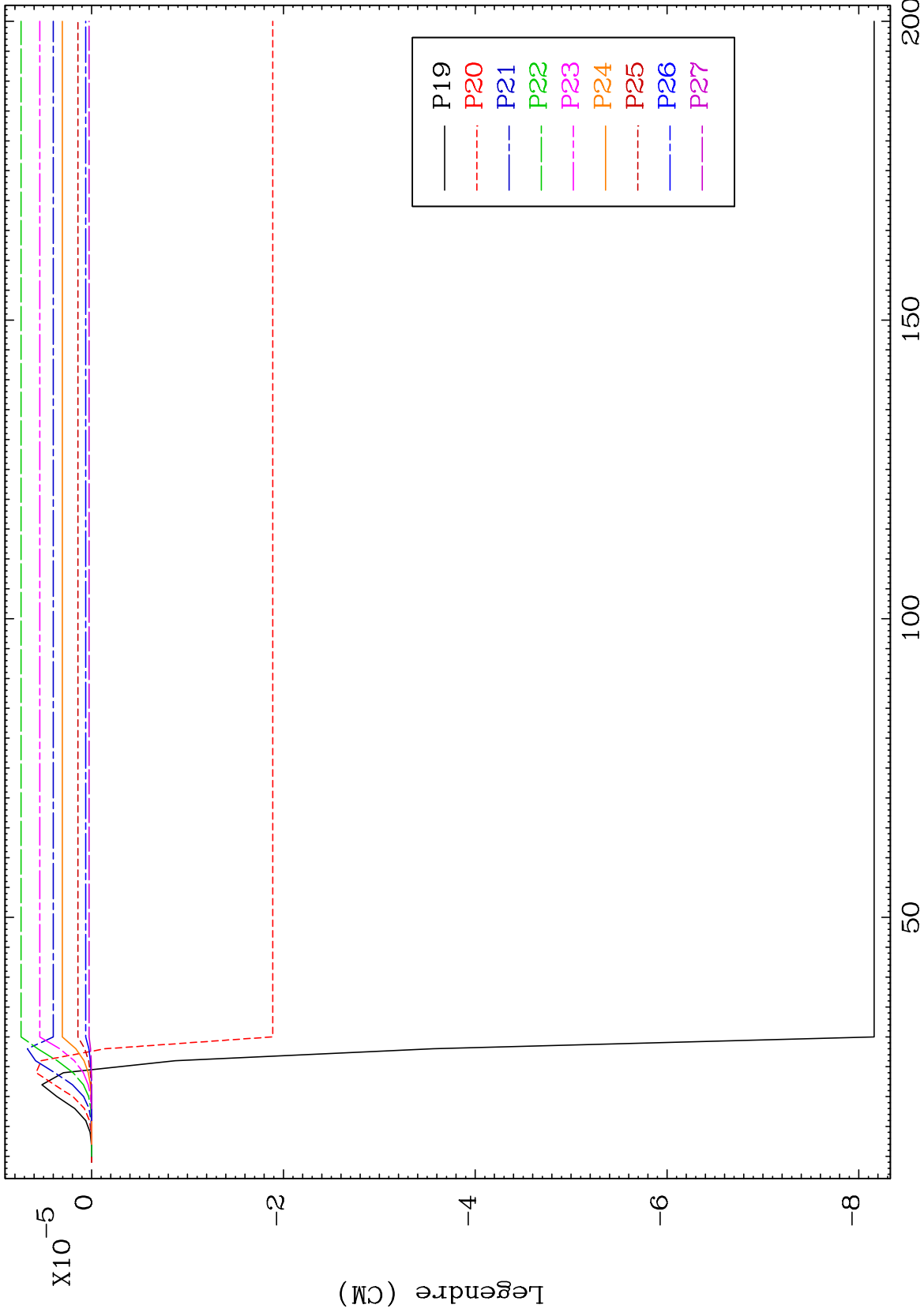
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



83

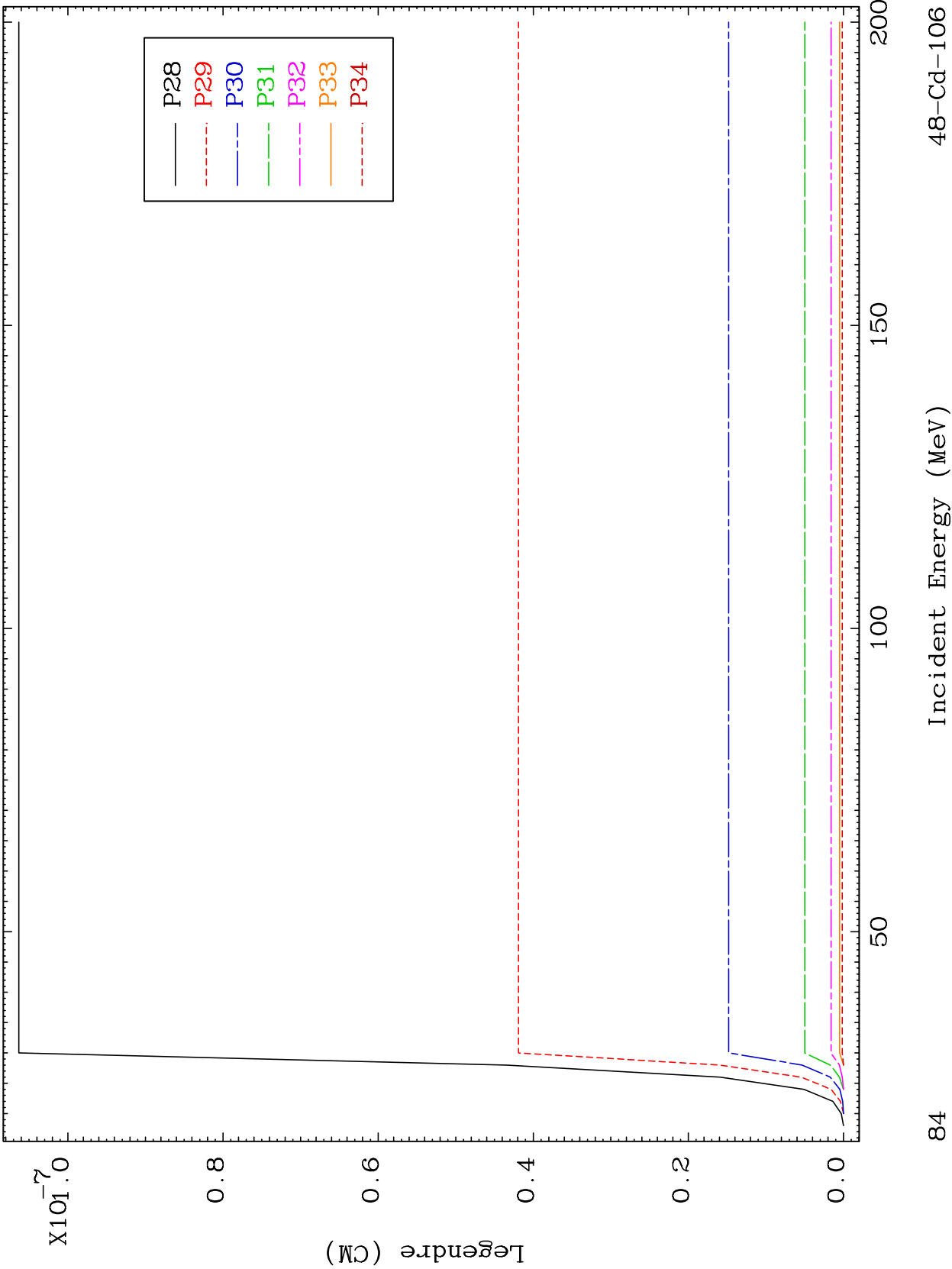
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



84

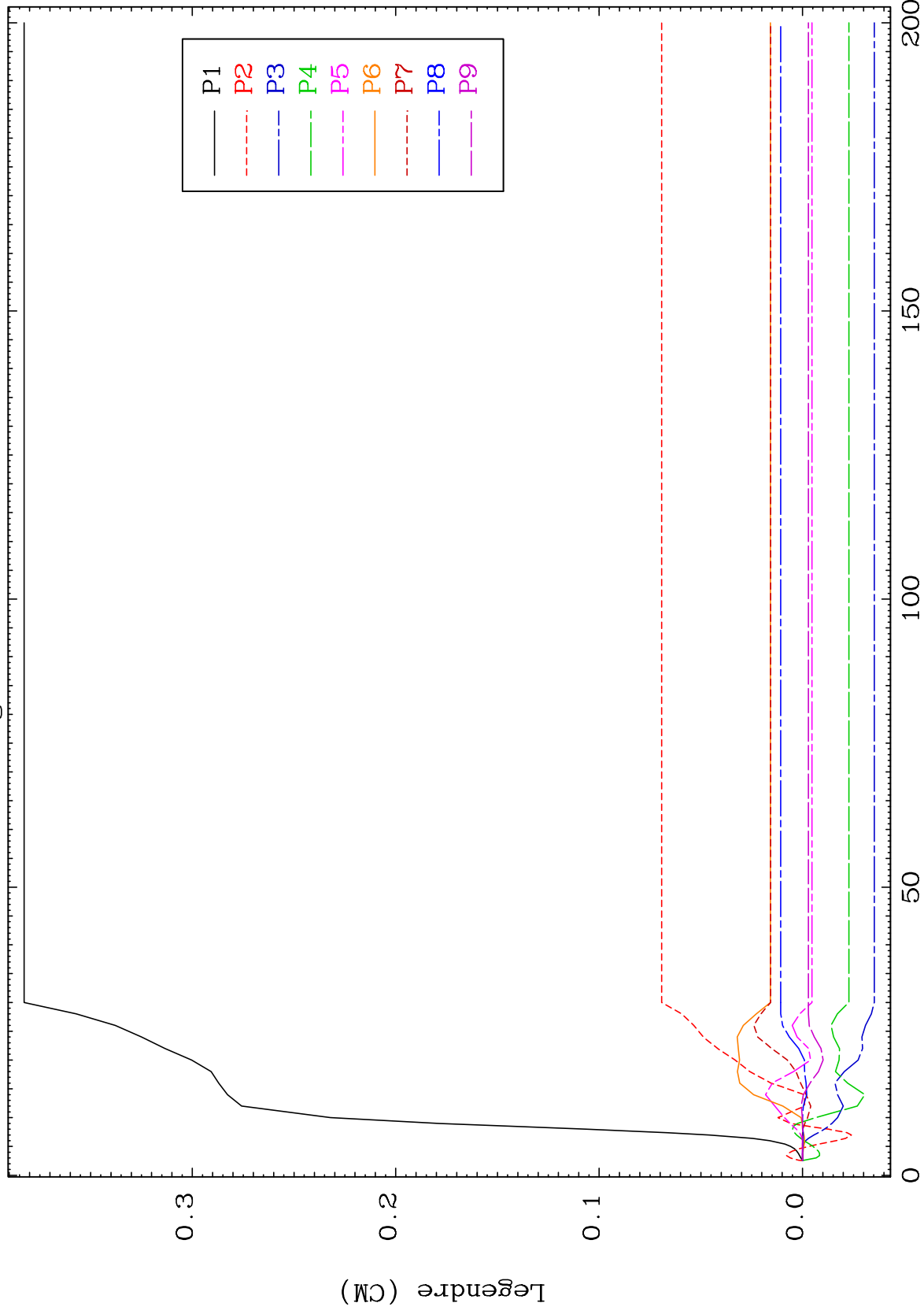
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



85

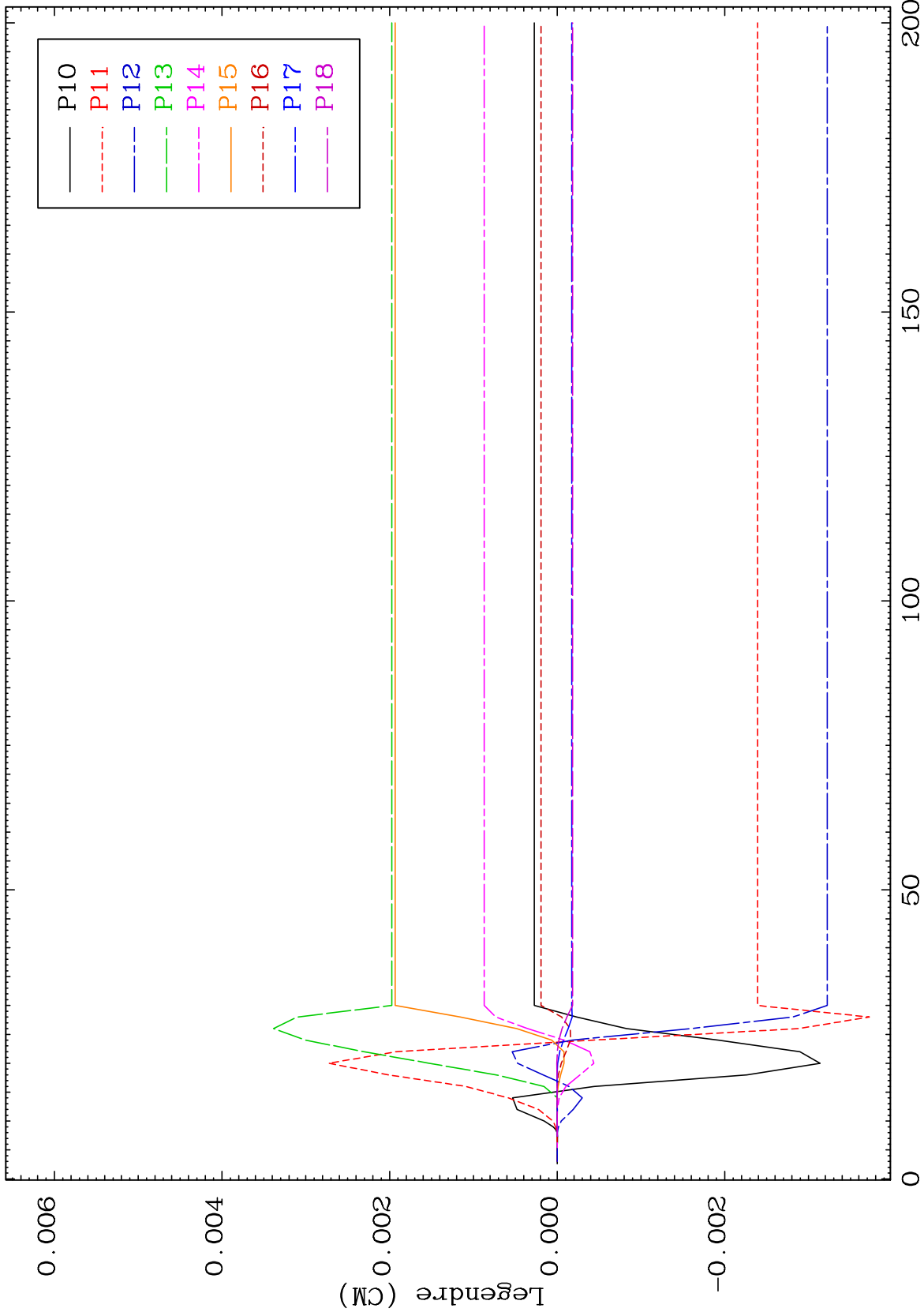
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

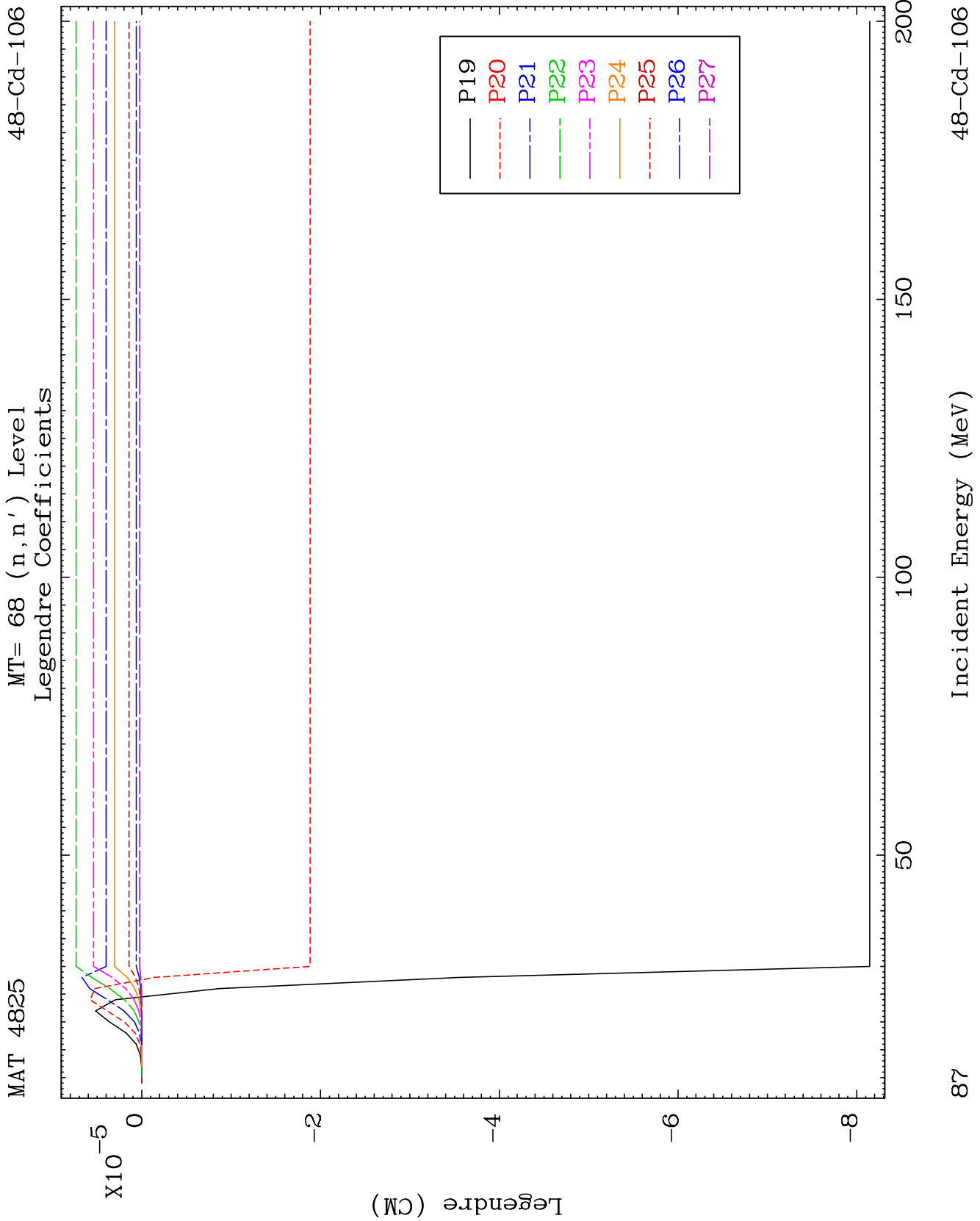
48-Cd-106



86

Incident Energy (MeV)

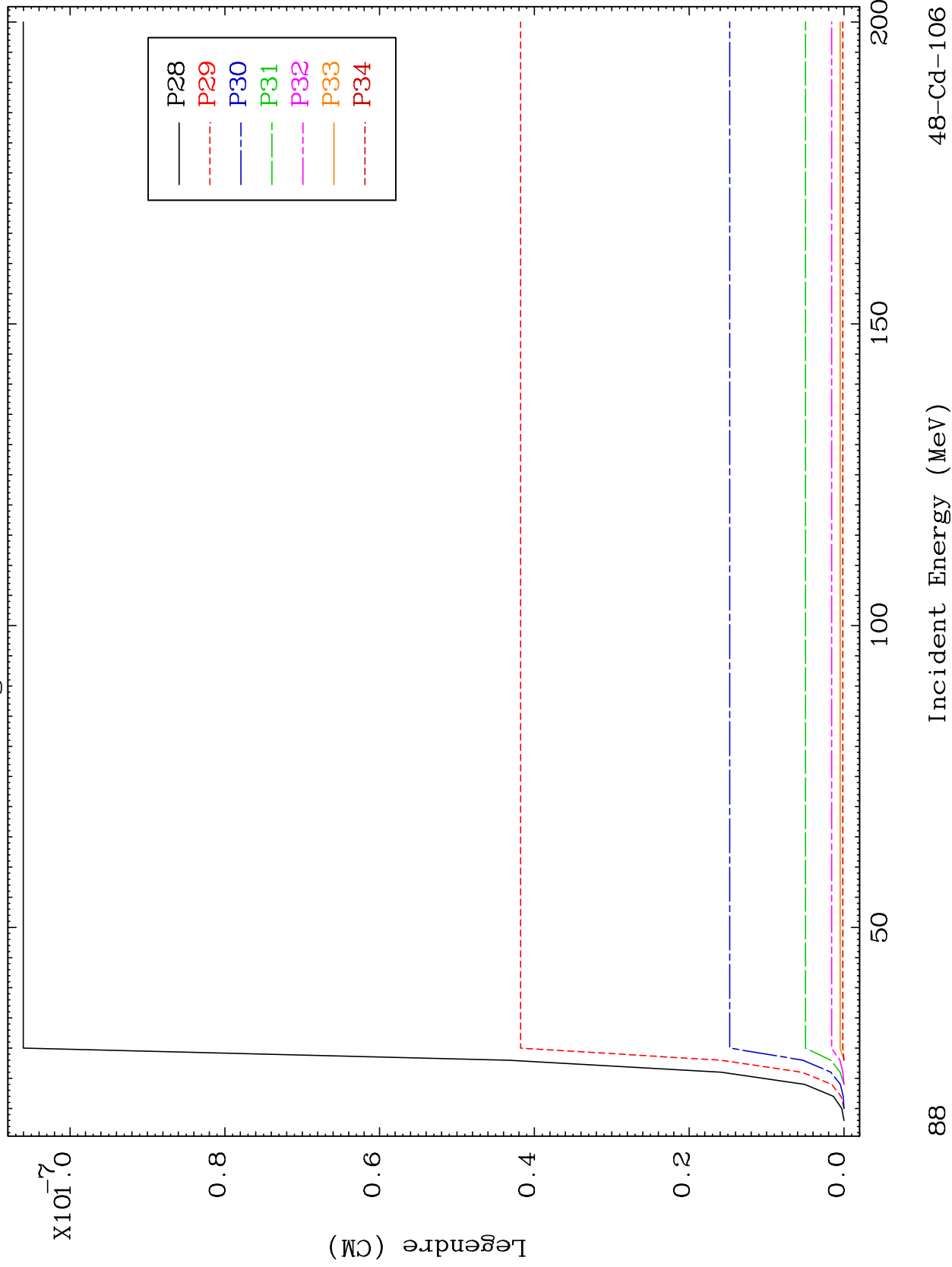
48-Cd-106



MAT 4825

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

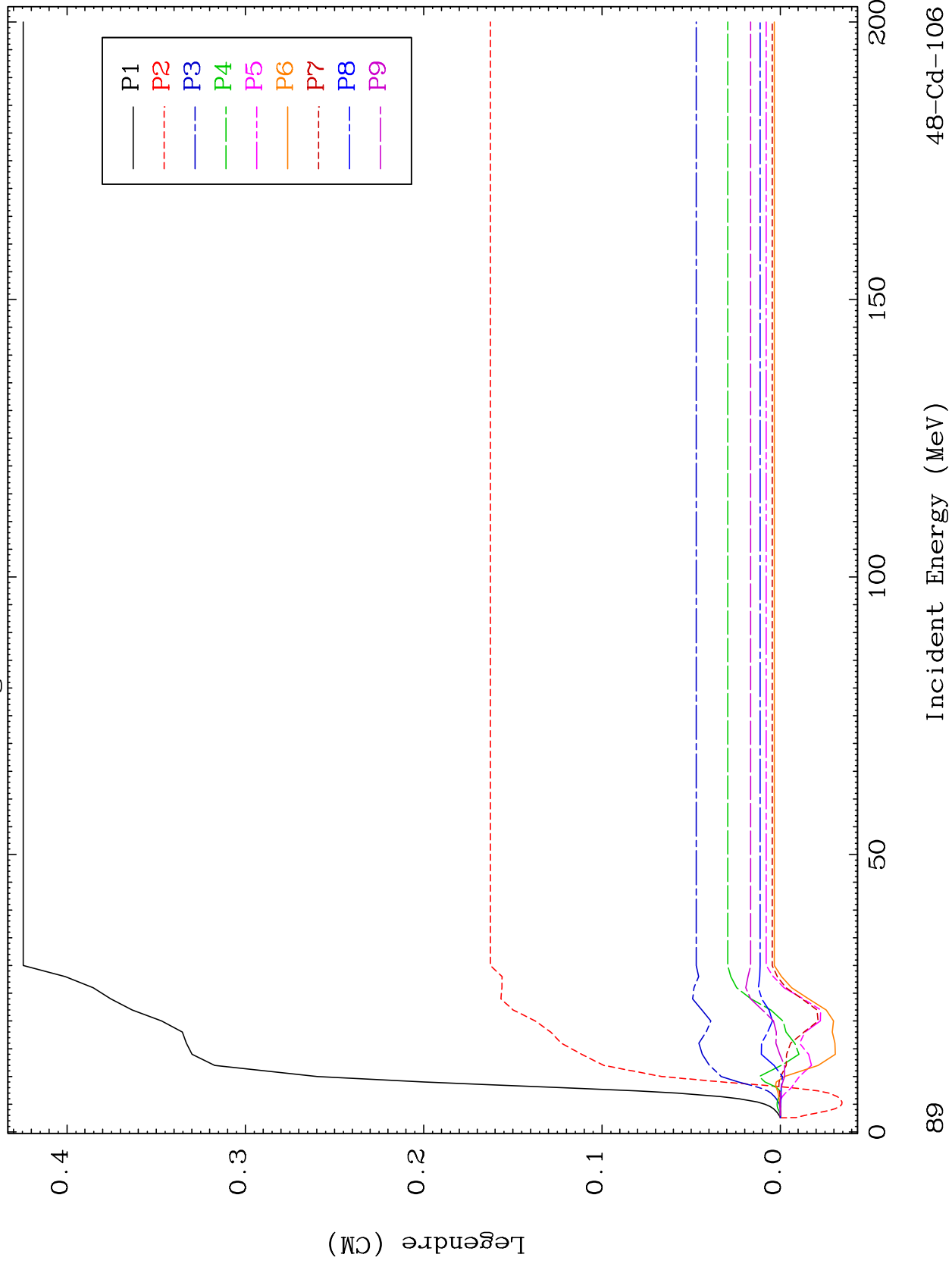
48-Cd-106



MAT 4825

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

48-Cd-106



48-Cd-106

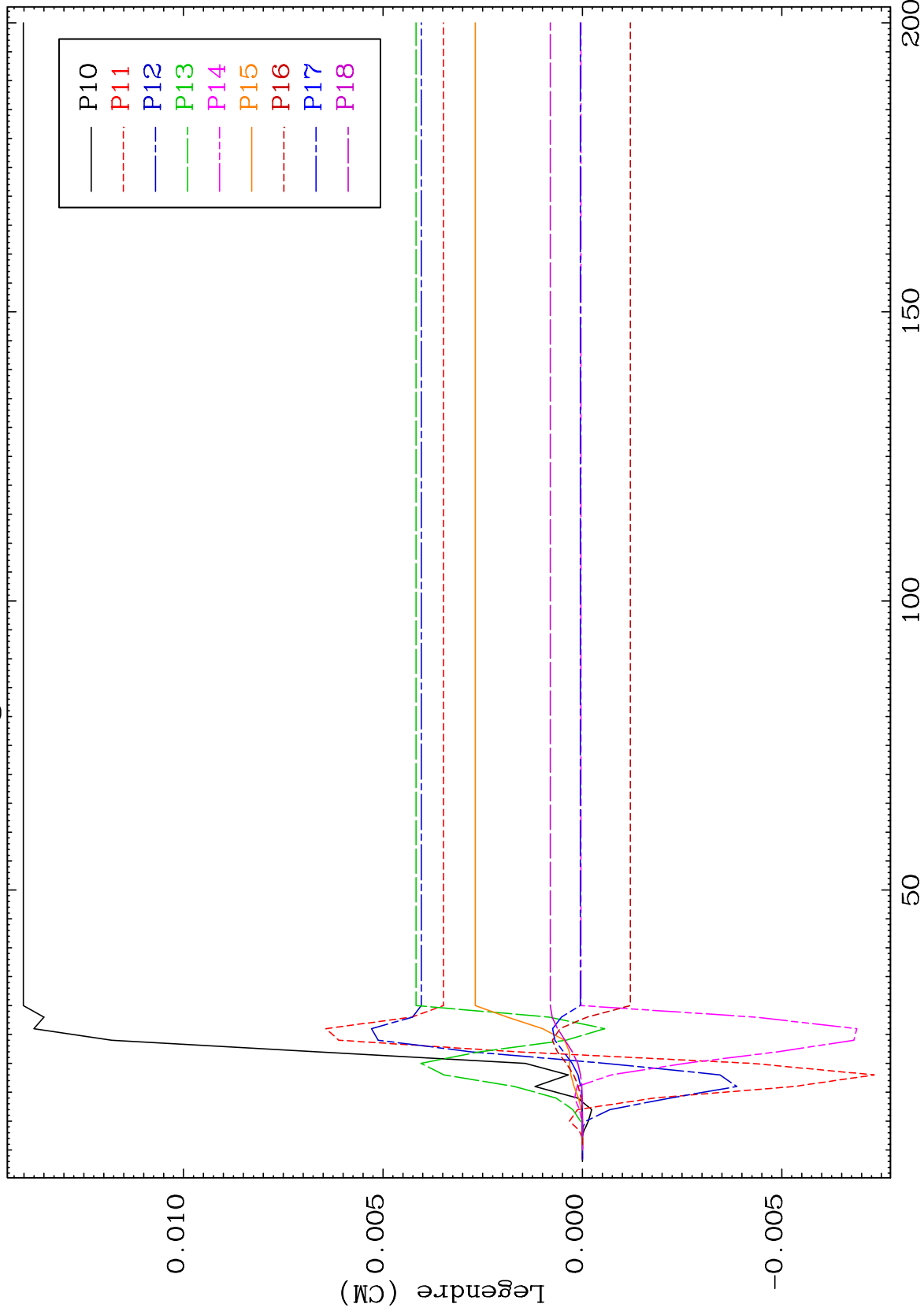
Incident Energy (MeV)

89

MAT 4825

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

48-Cd-106



90

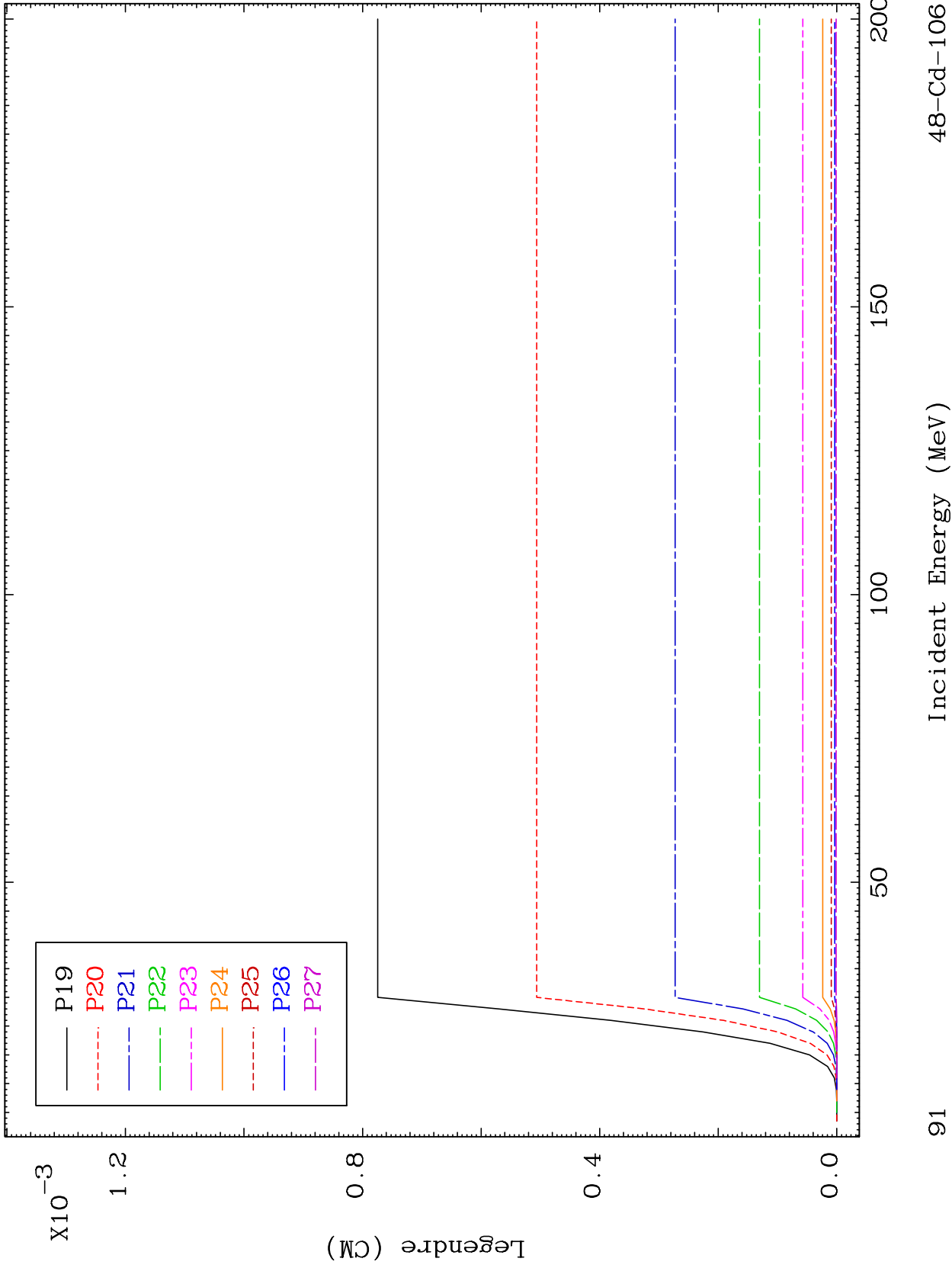
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

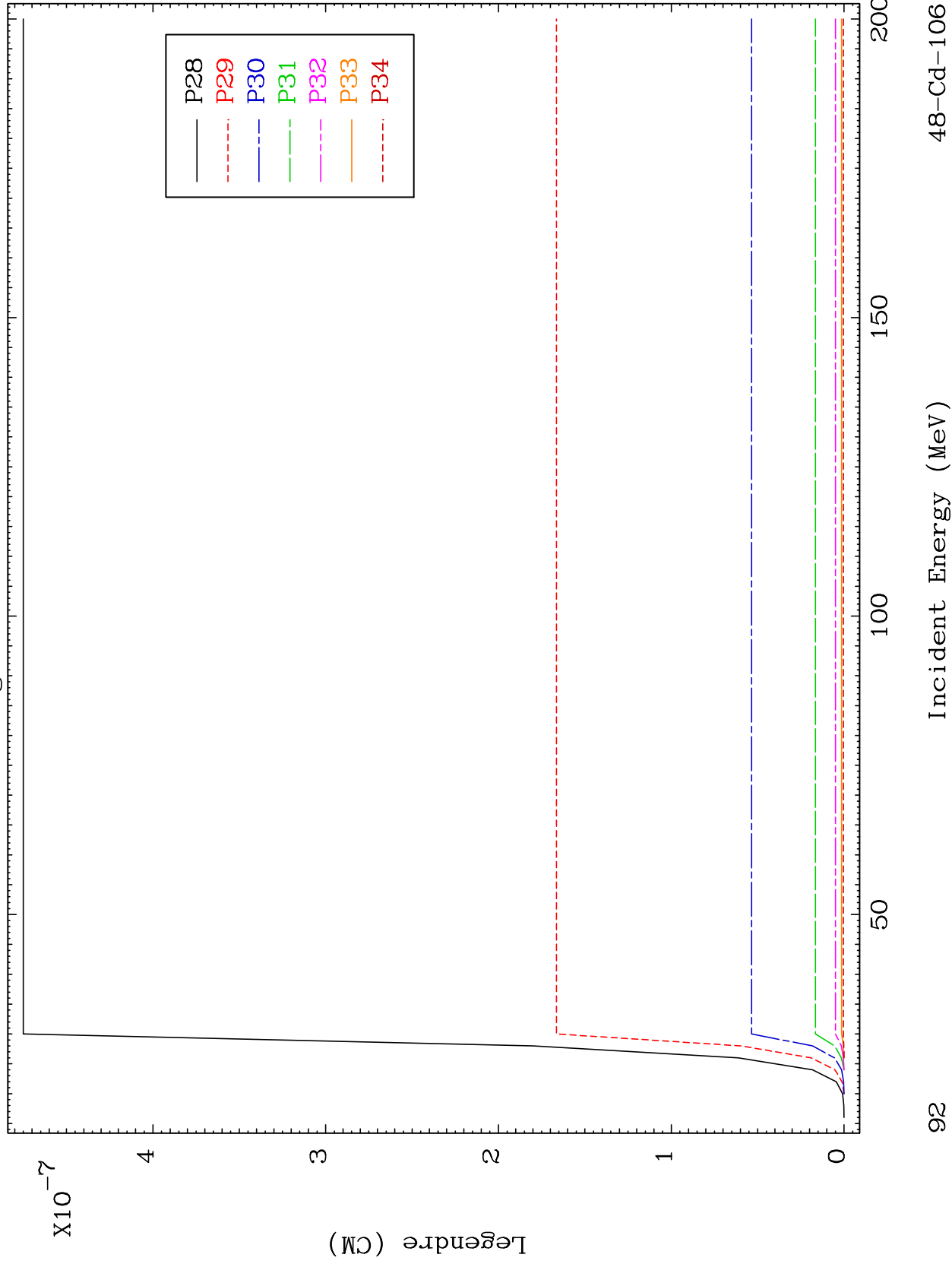
48-Cd-106

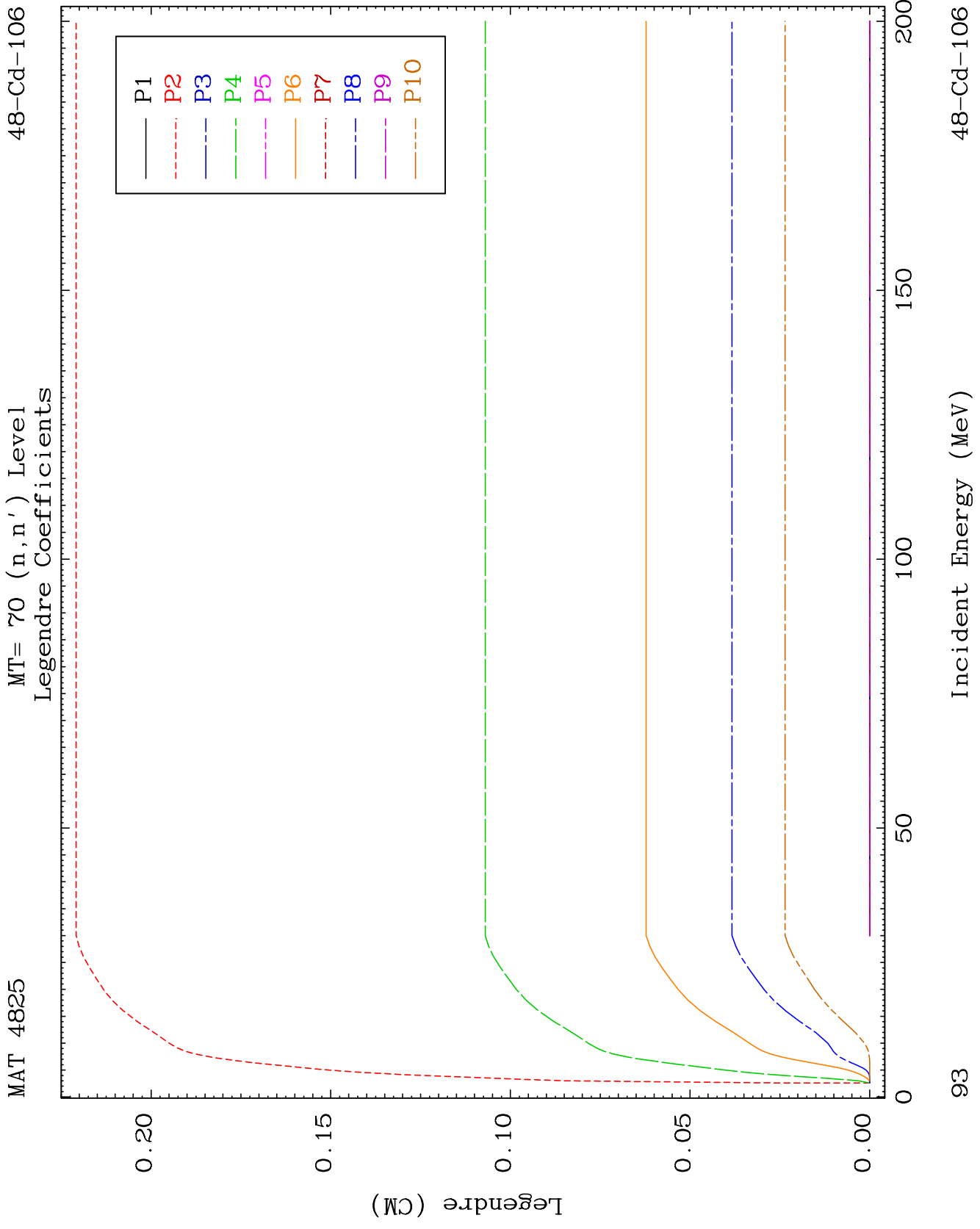


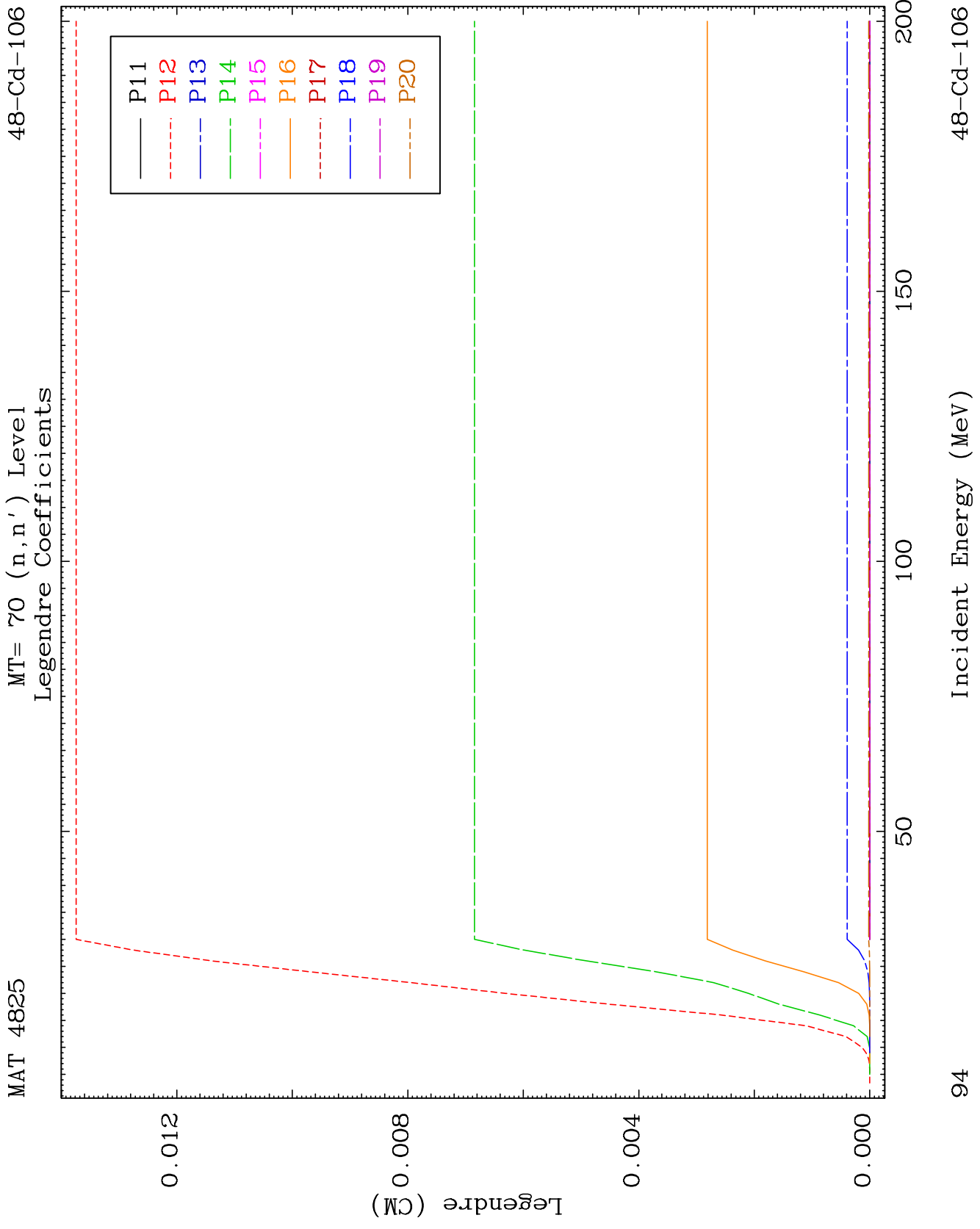
MAT 4825

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

48-Cd-106



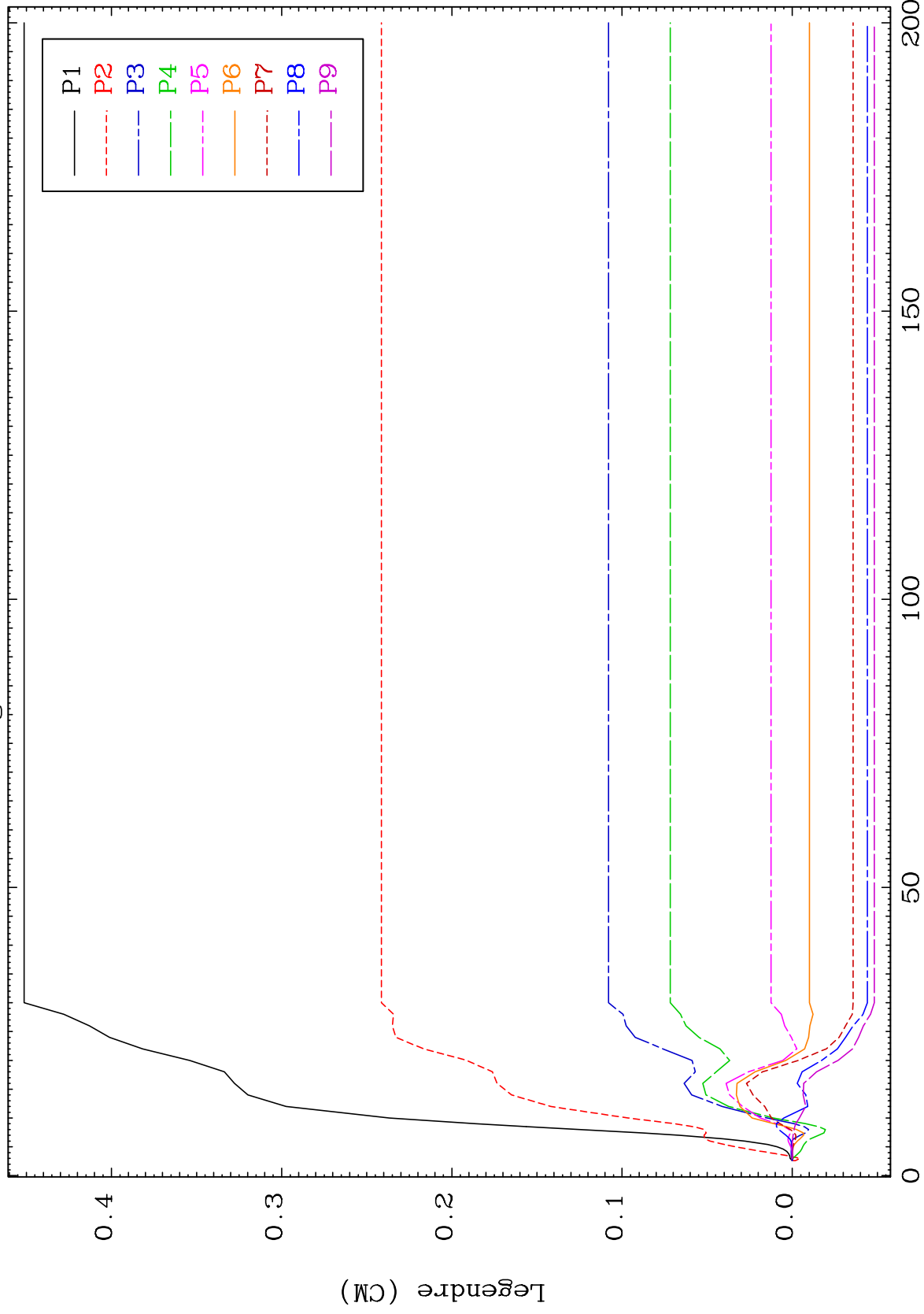




MAT 4825

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

48-Cd-106



96

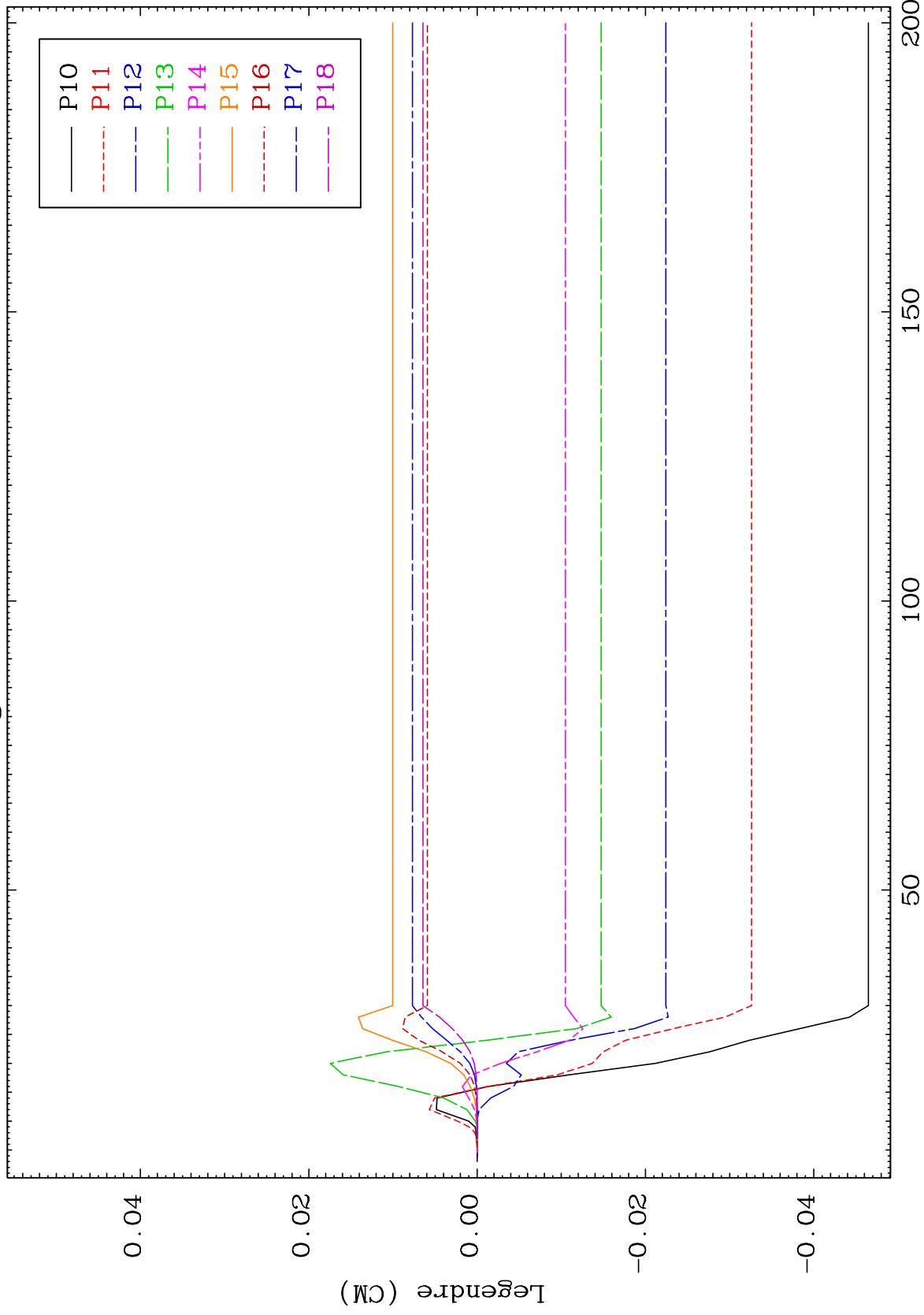
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



97

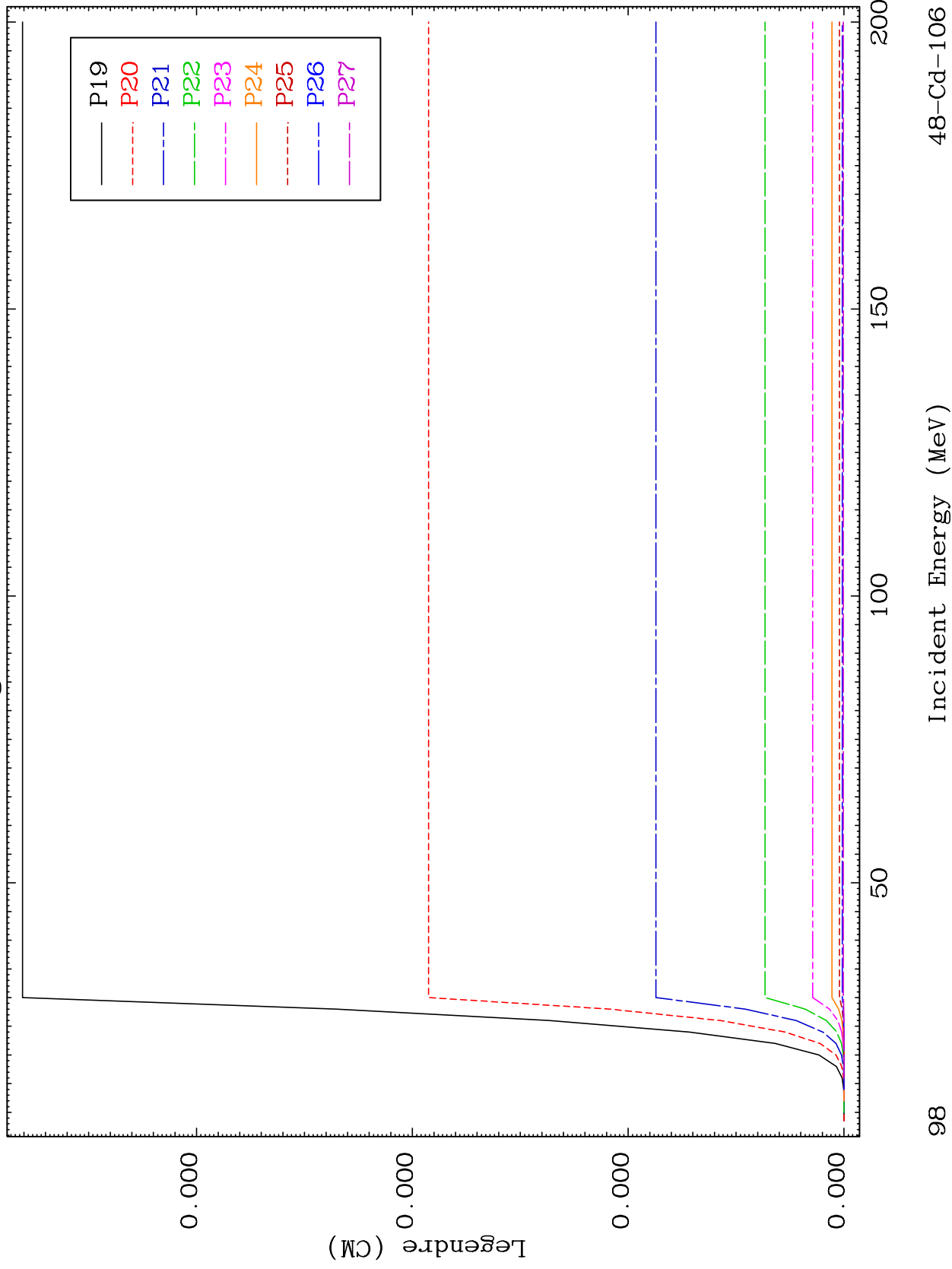
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

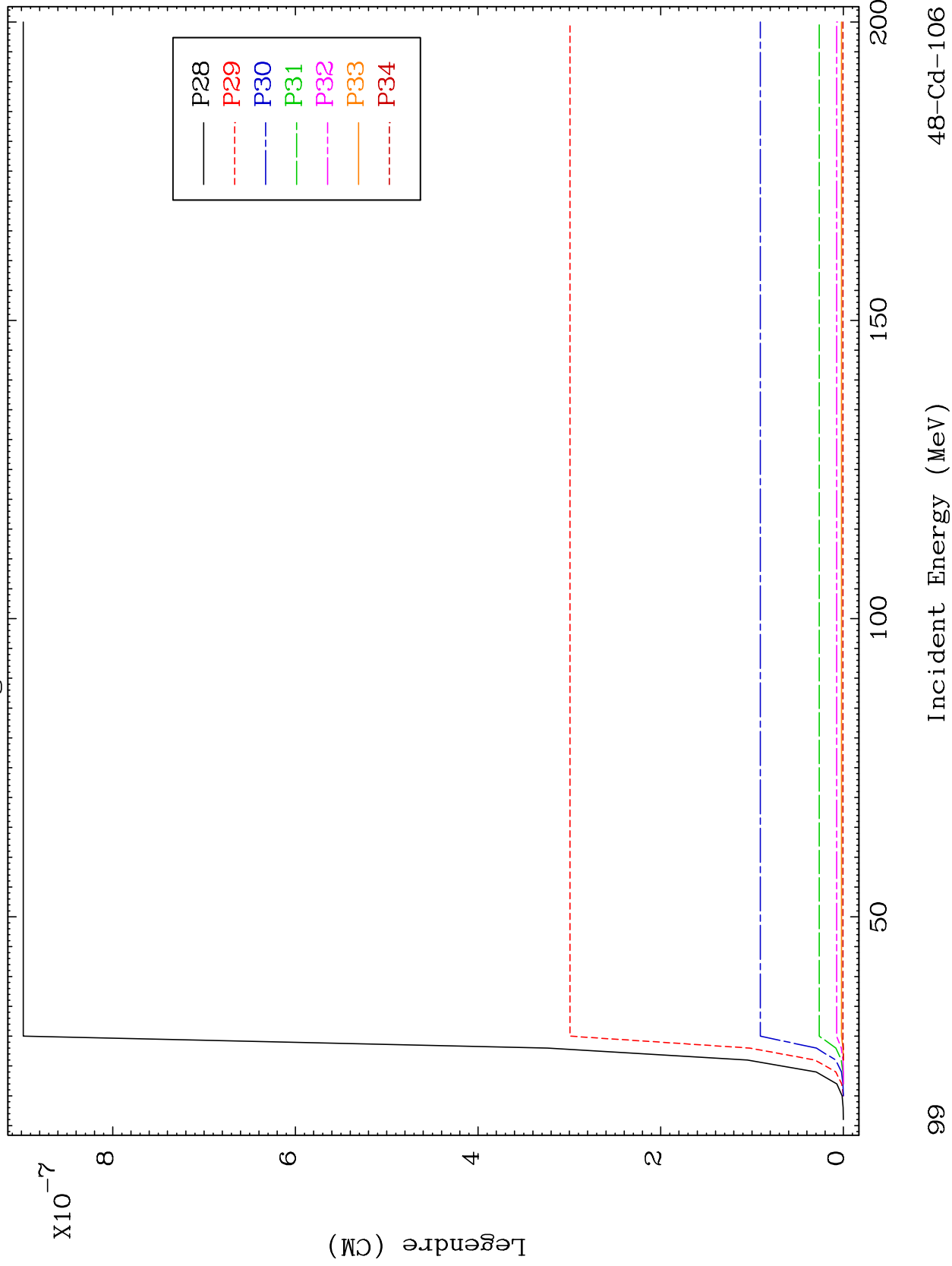
48-Cd-106



MAT 4825

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

48-Cd-106



99

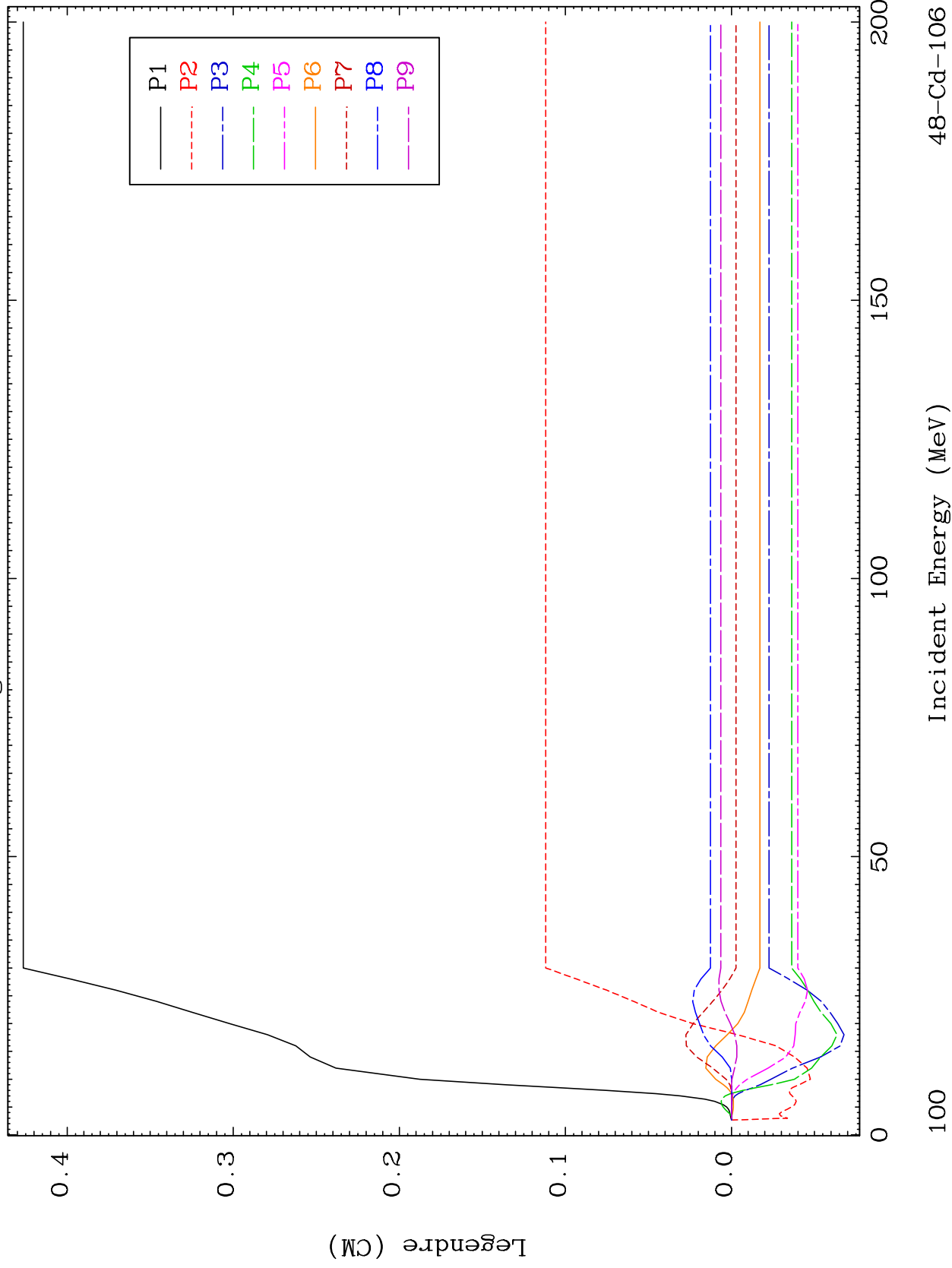
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106

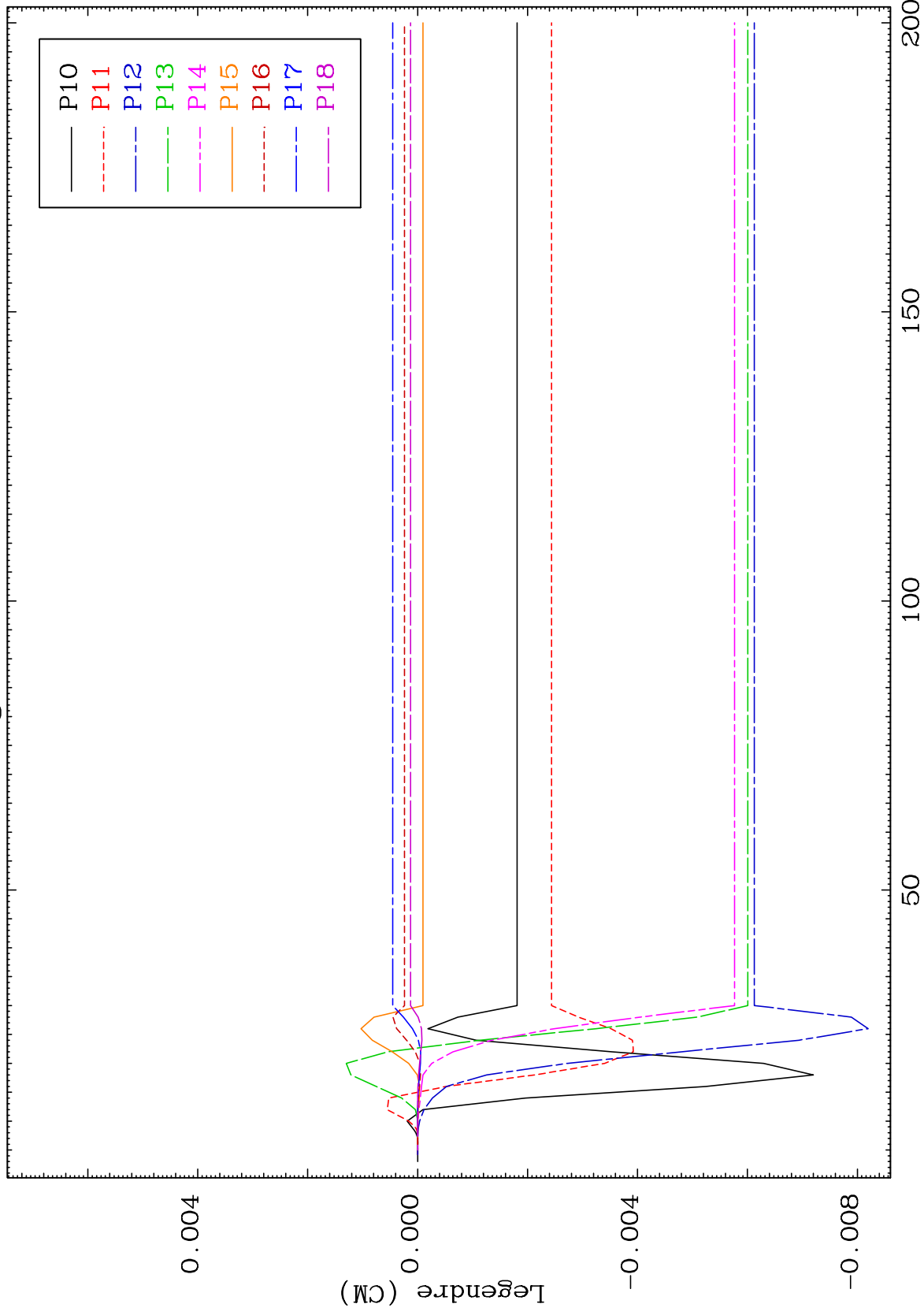


48-Cd-106

MAT 4825

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

48-Cd-106



101

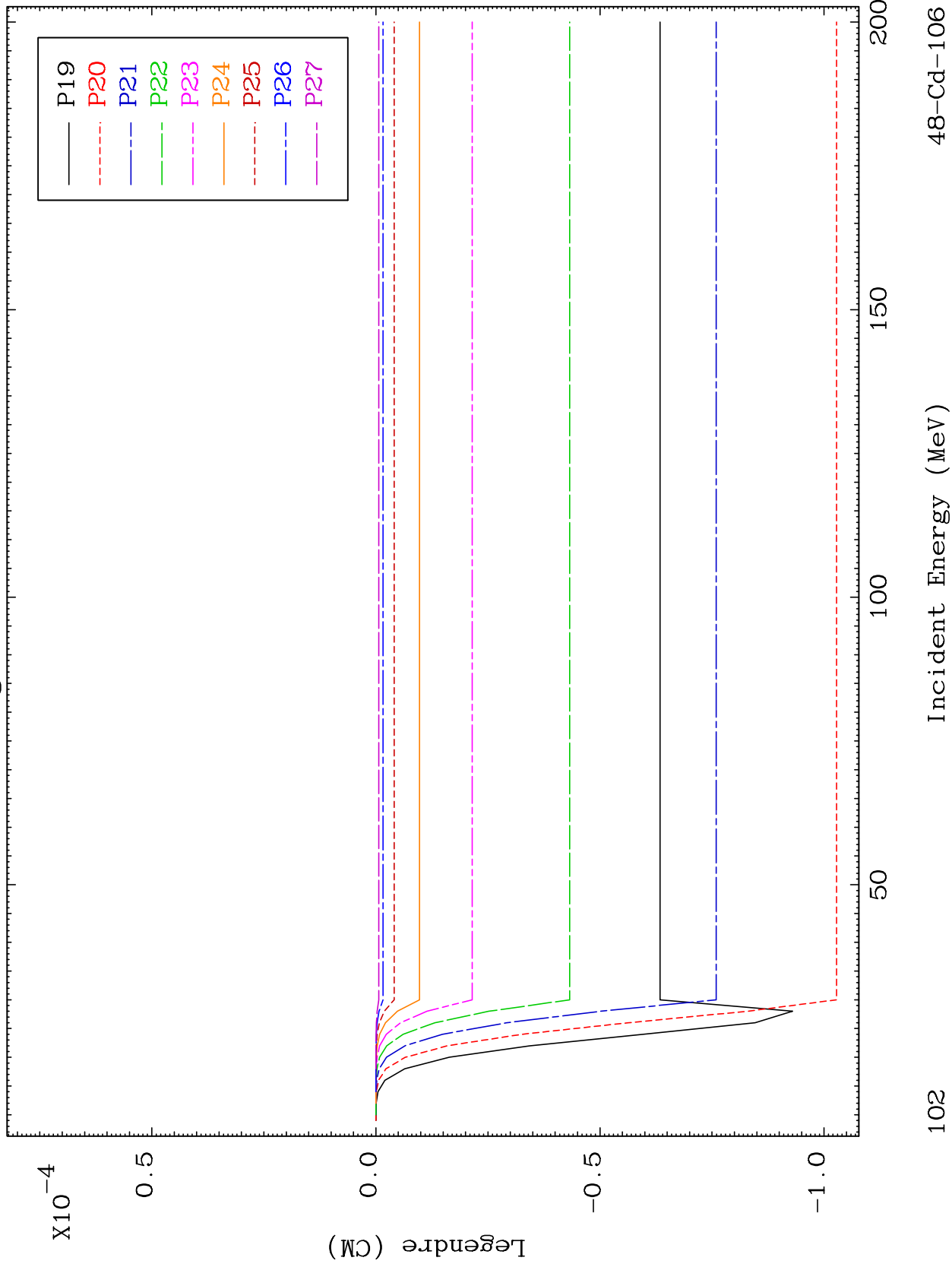
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



102

Incident Energy (MeV)

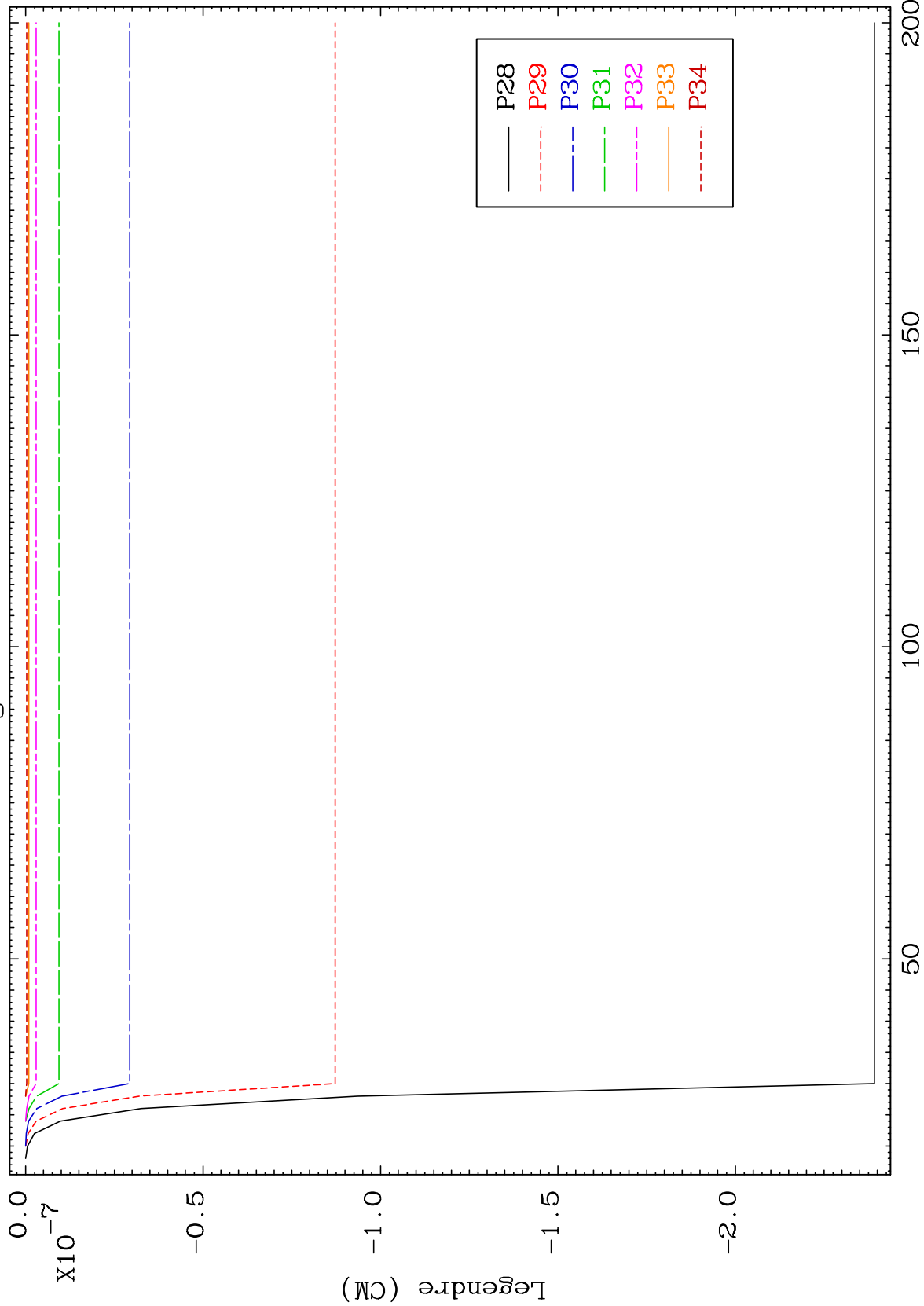
48-Cd-106

MAT 4825

MT= 72 (n,n') Level

48-Cd-106

Legendre Coefficients



103

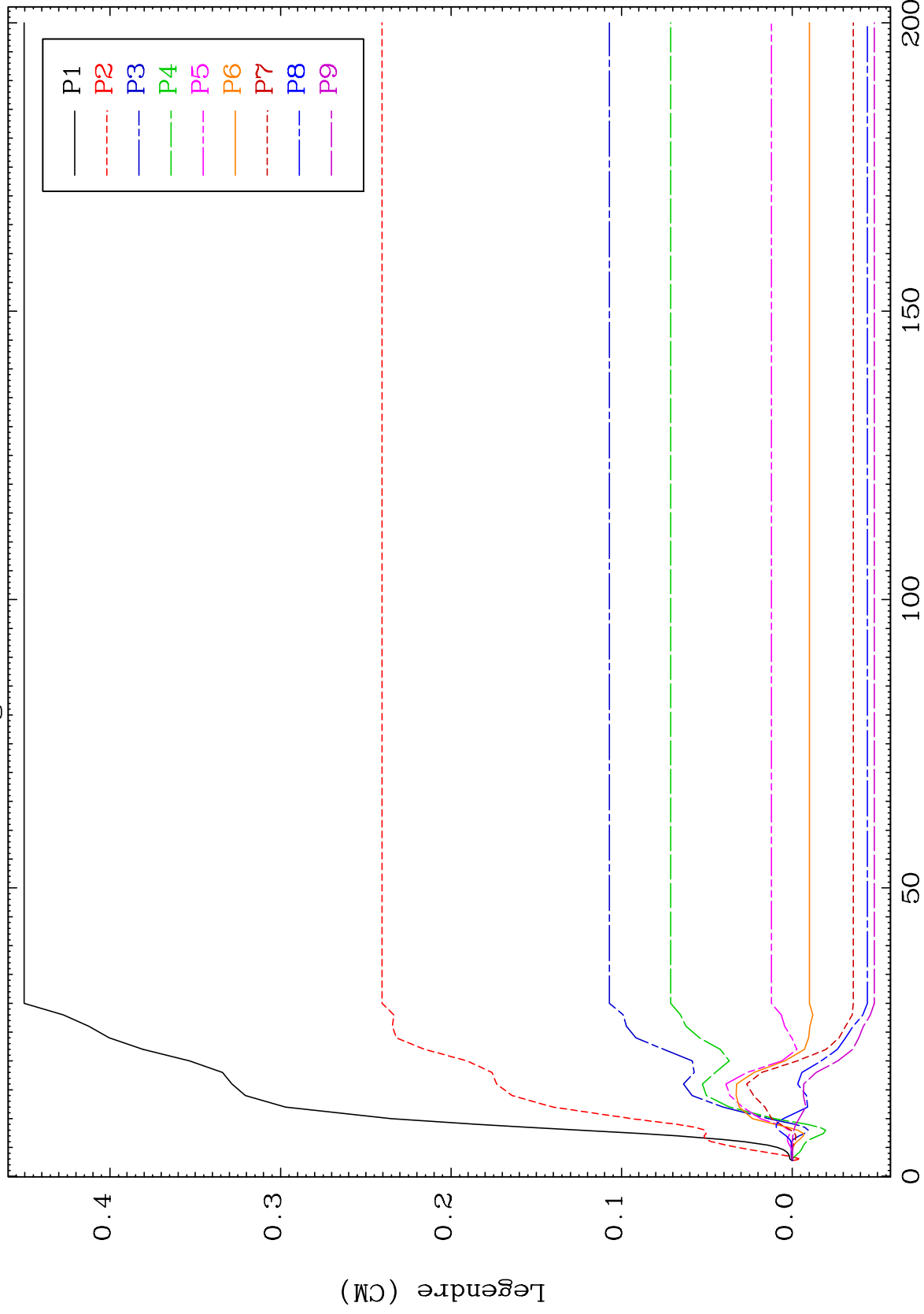
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



104

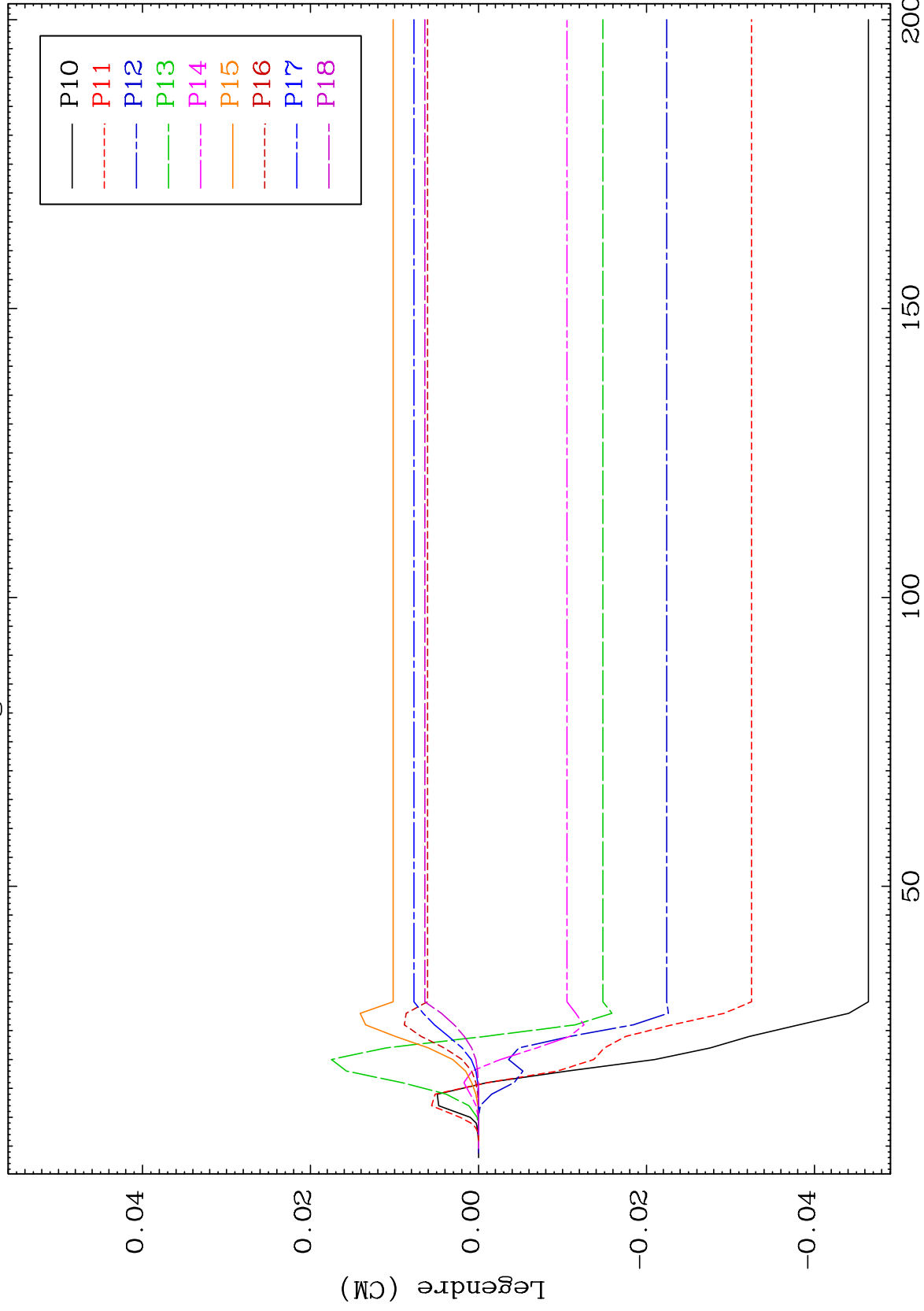
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



105

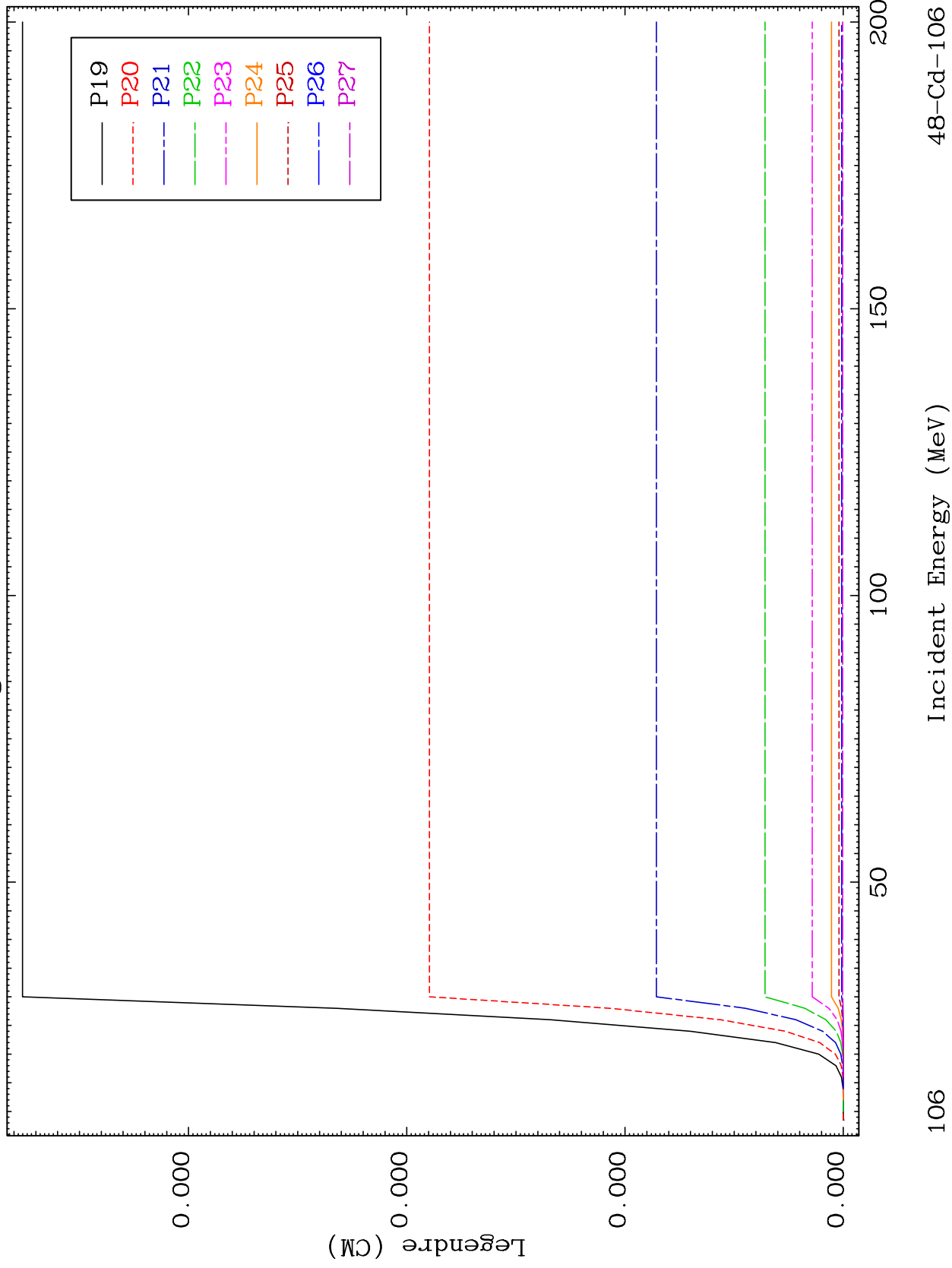
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

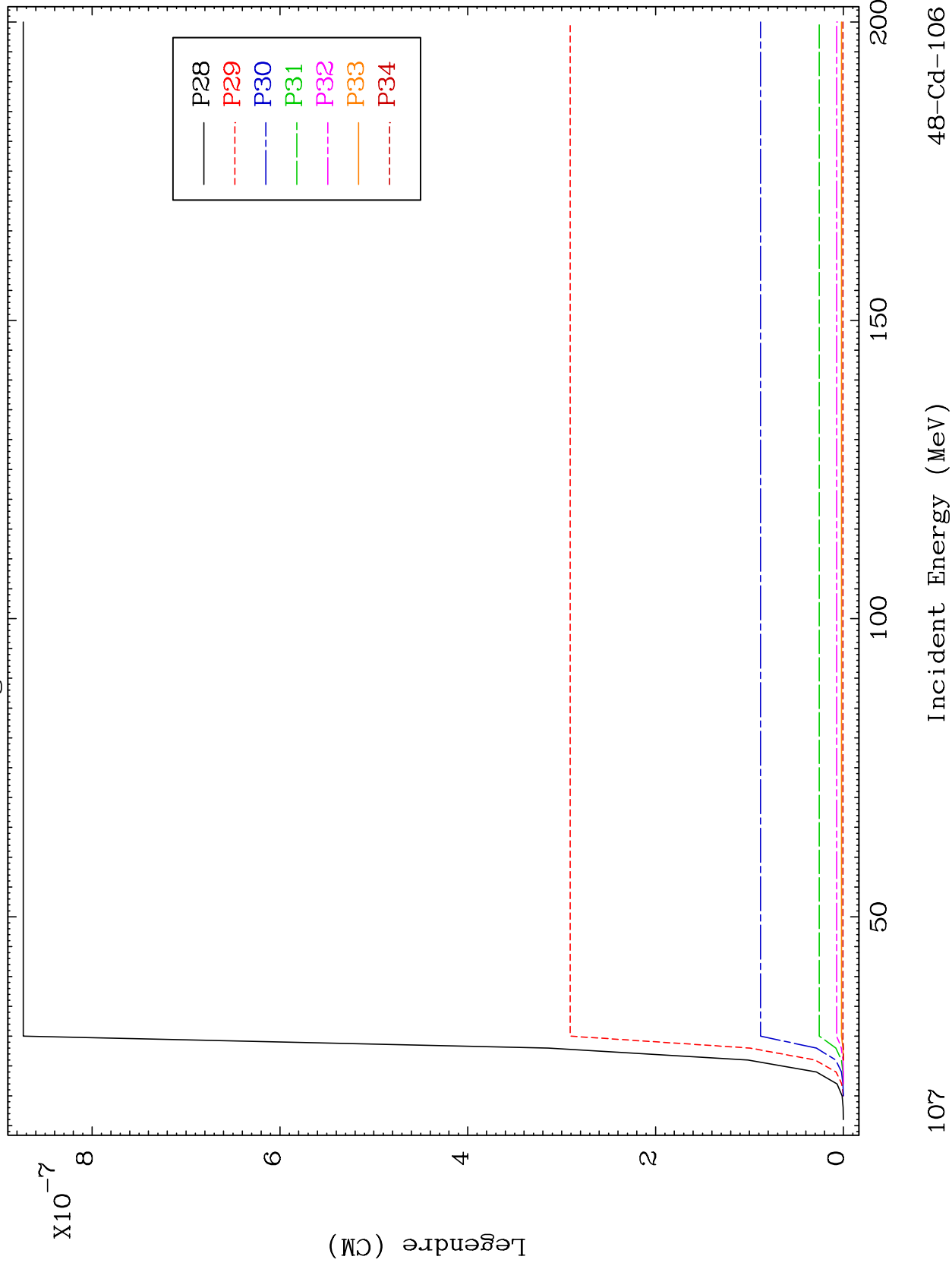
48-Cd-106



MAT 4825

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

48-Cd-106



107

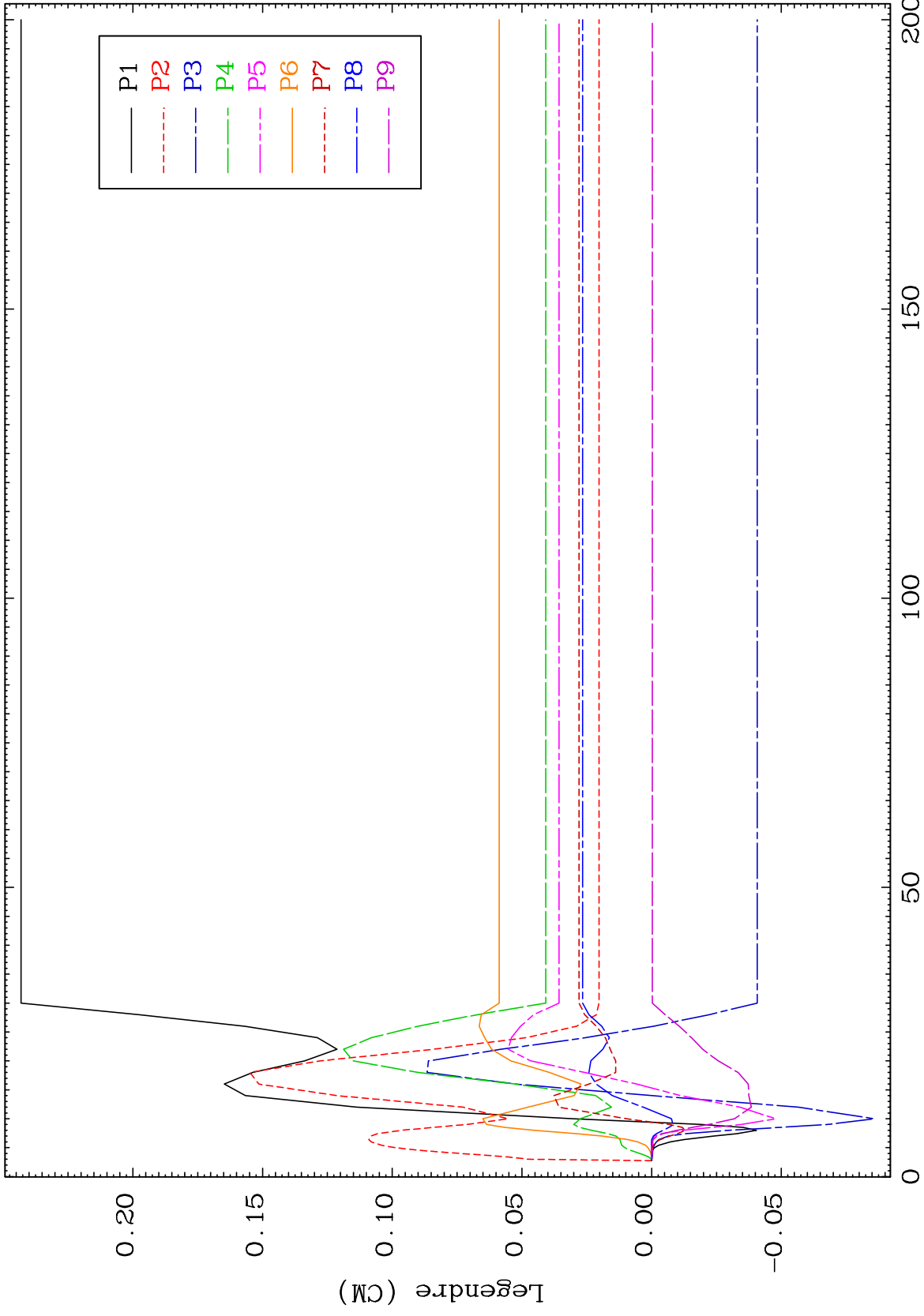
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

48-Cd-106



108

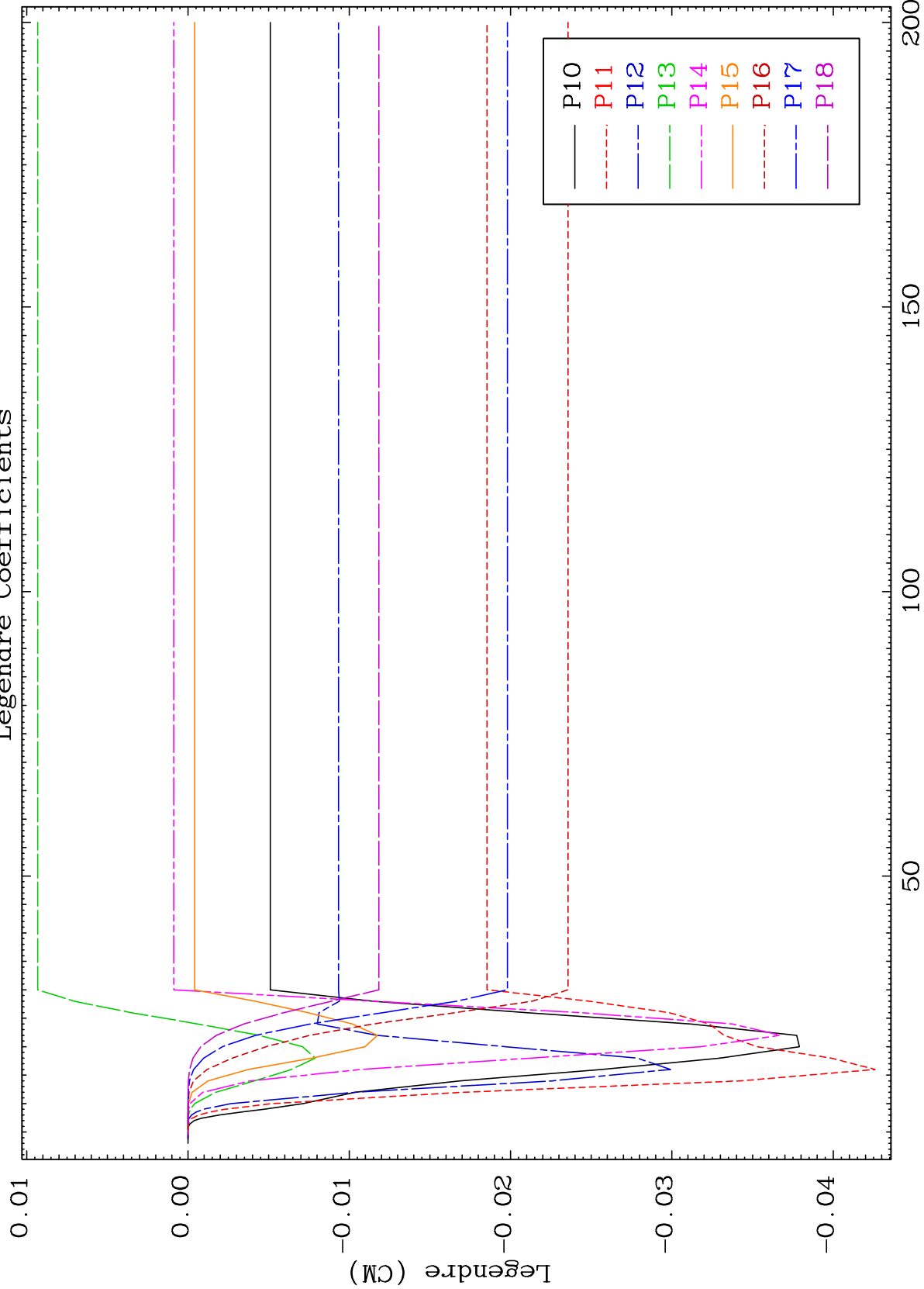
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

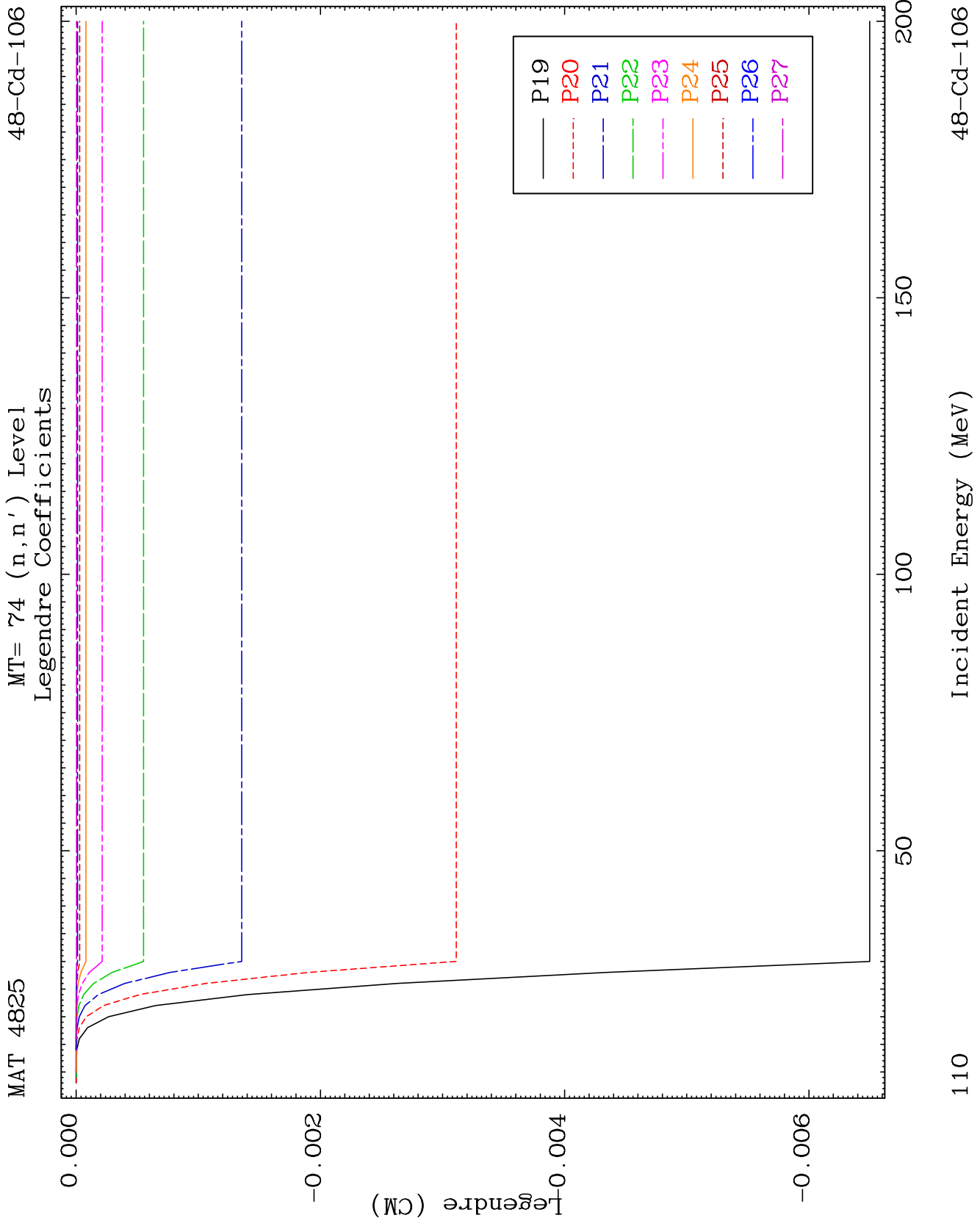
48-Cd-106

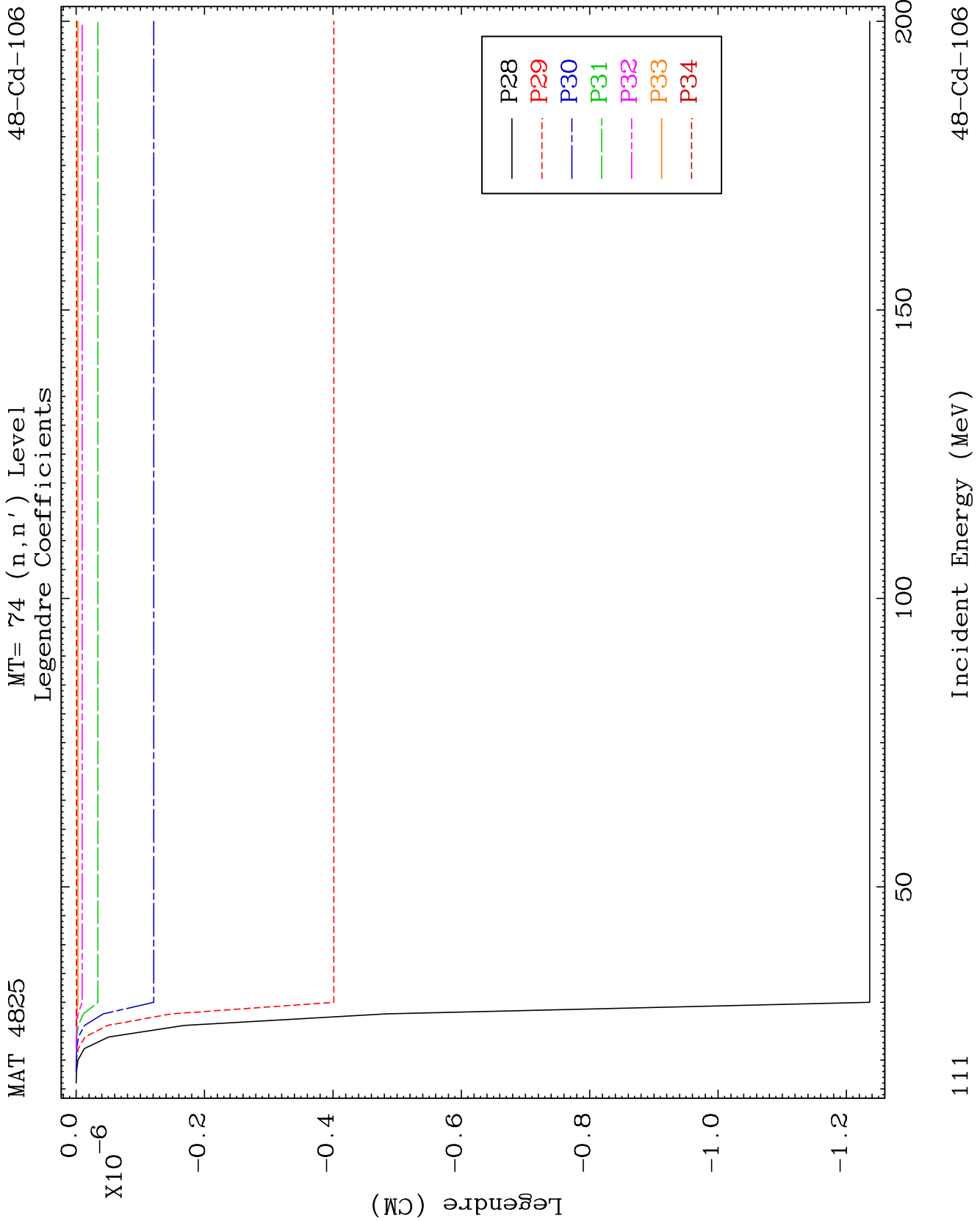


109

Incident Energy (MeV)

48-Cd-106

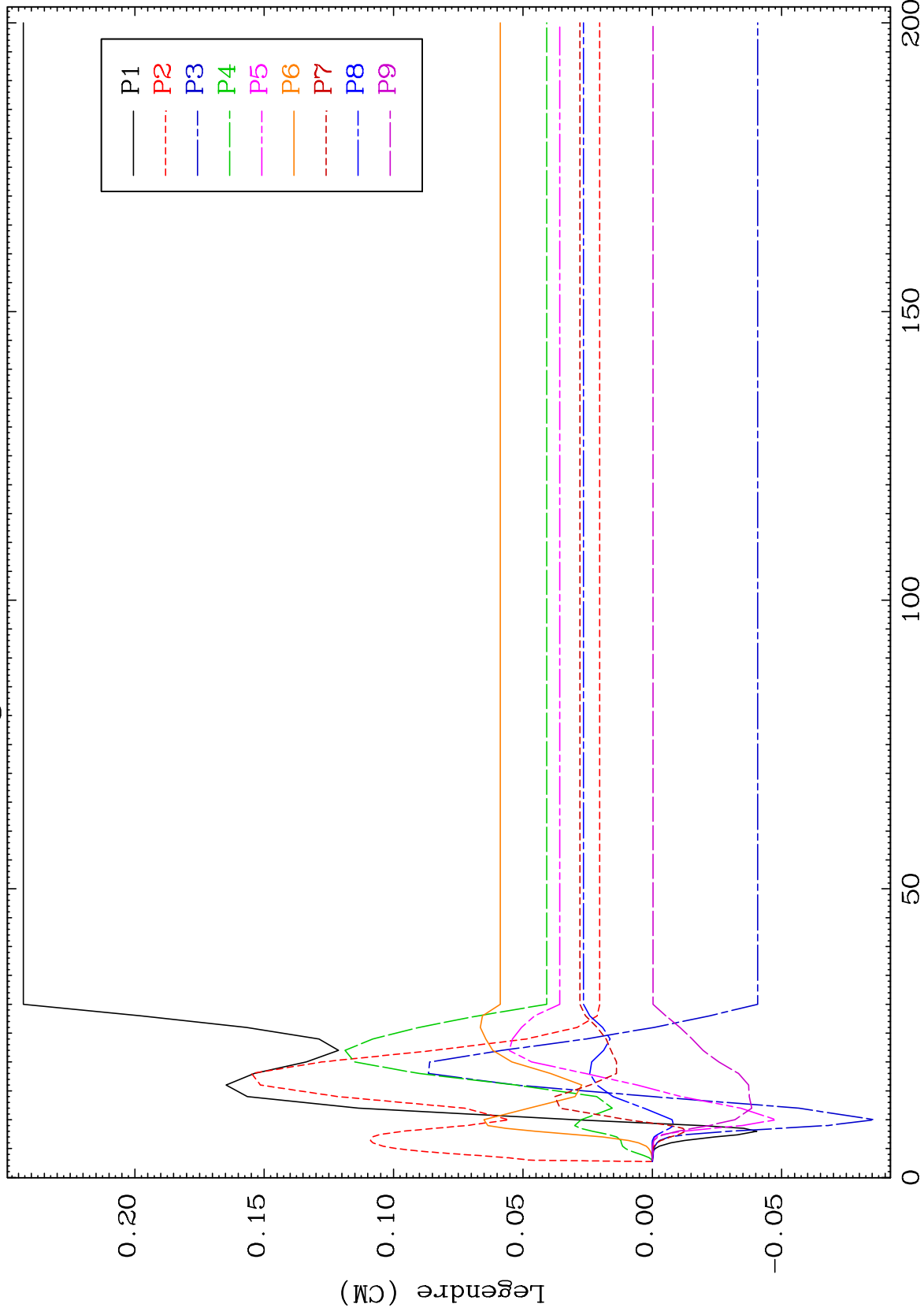




MAT 4825

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

48-Cd-106



112

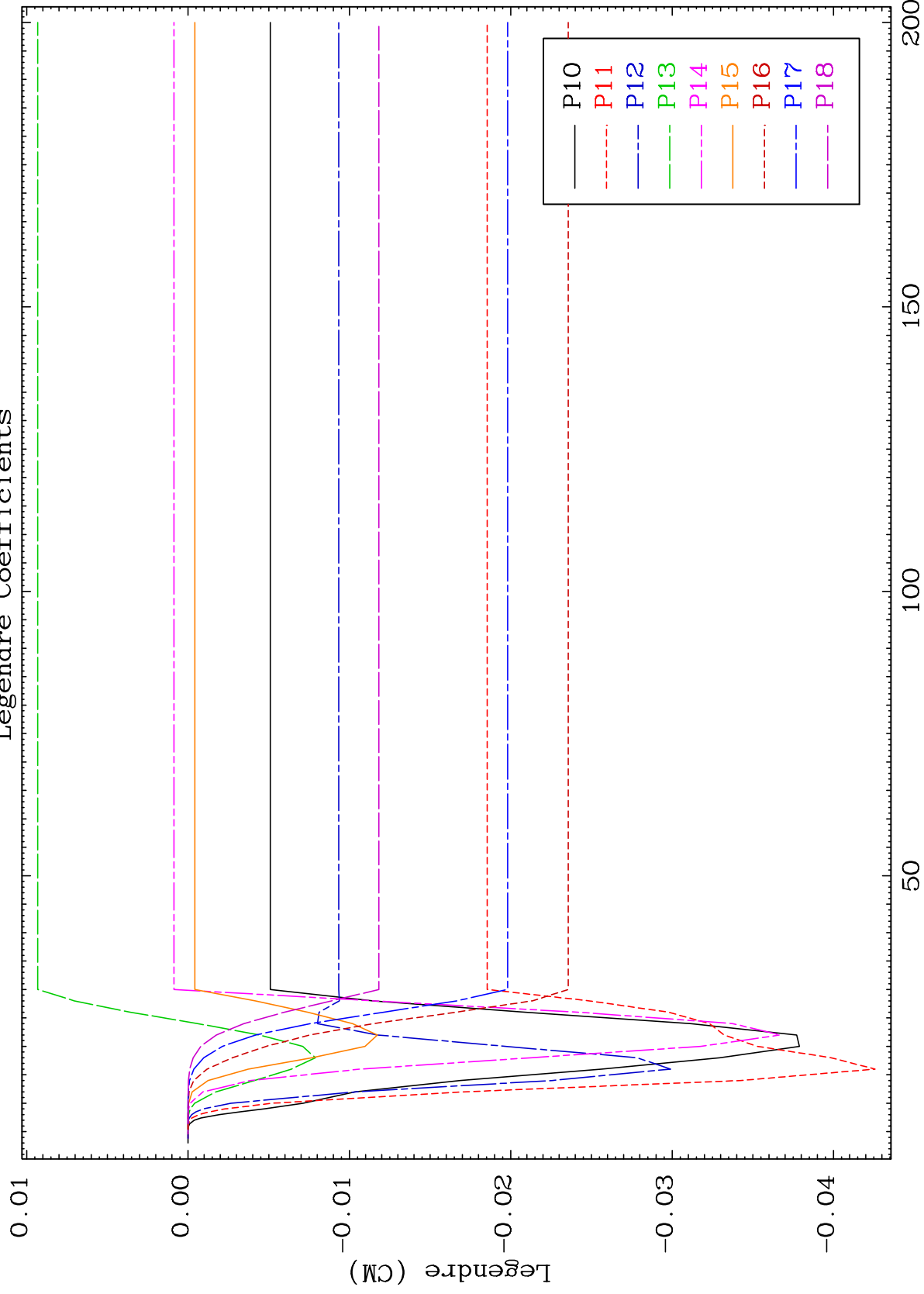
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

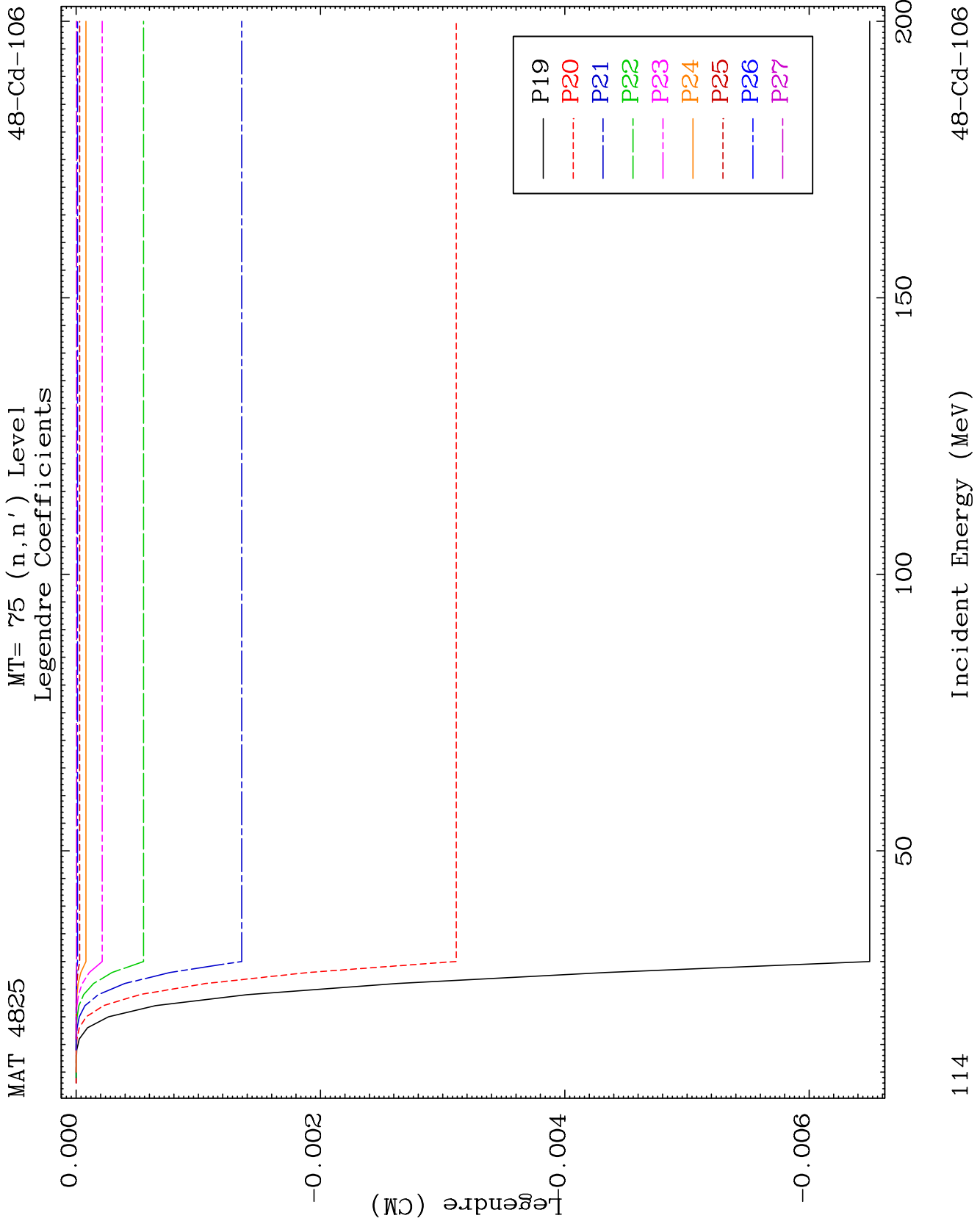
48-Cd-106

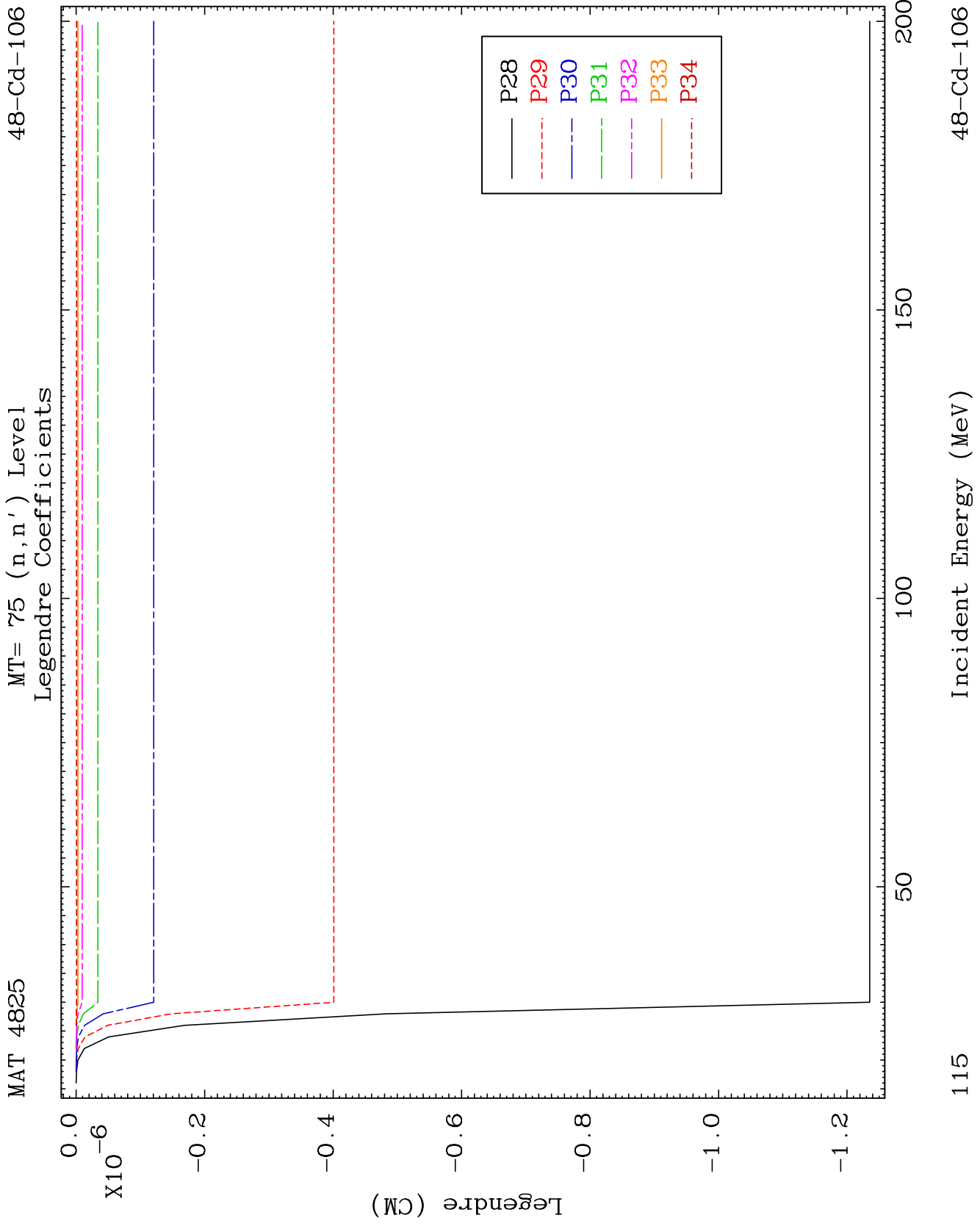


113

Incident Energy (MeV)

48-Cd-106

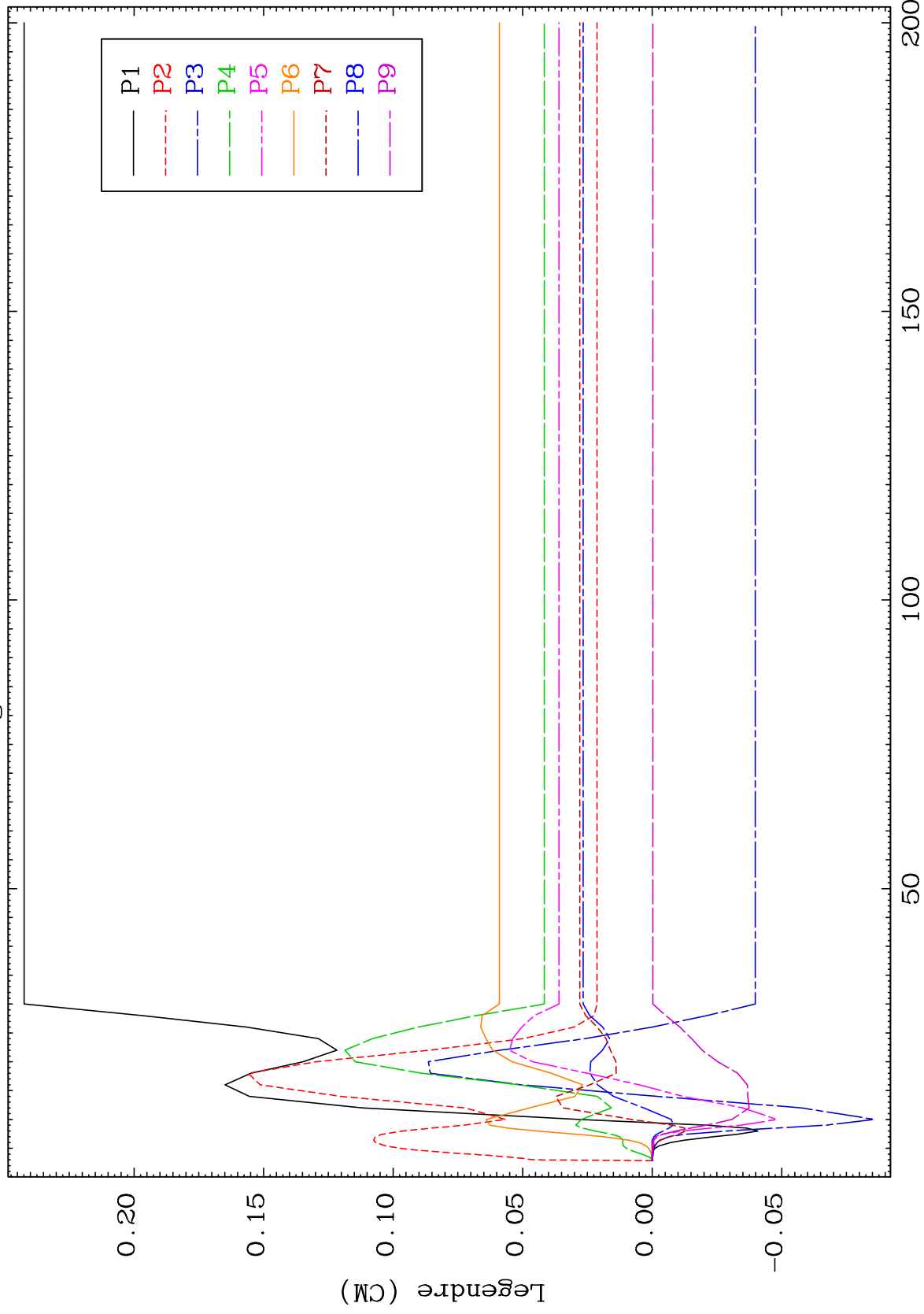




MAT 4825

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

48-Cd-106



116

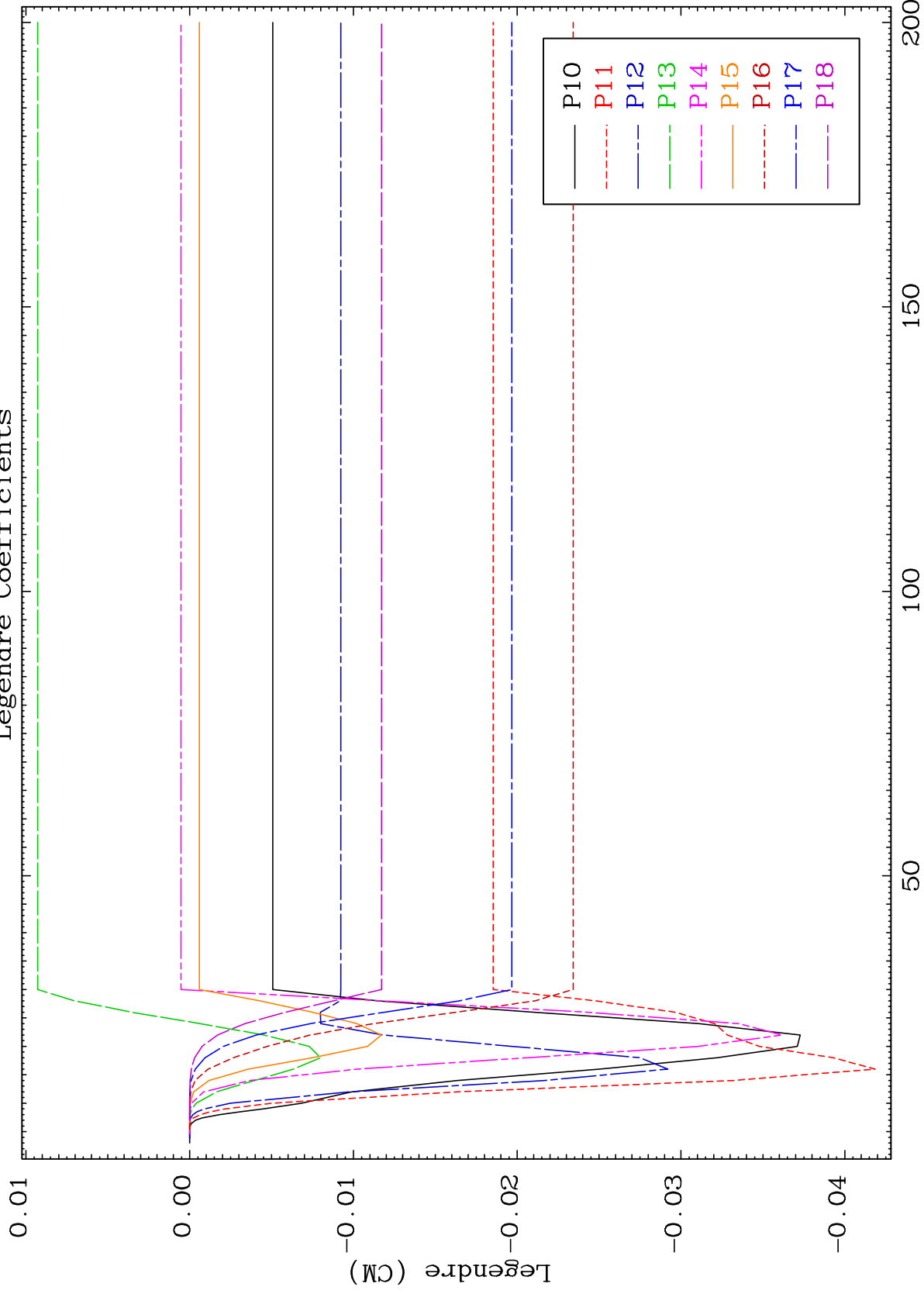
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

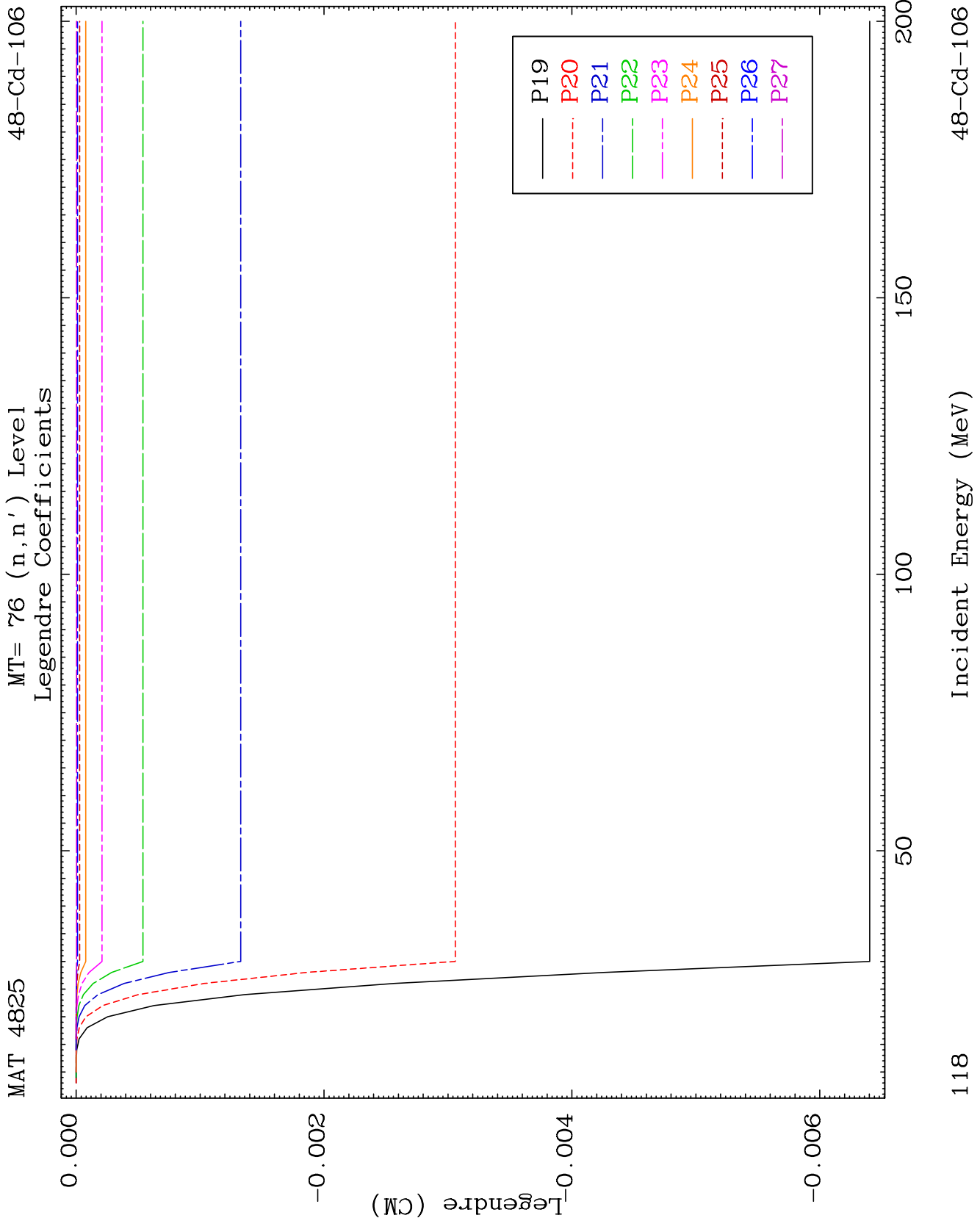
48-Cd-106

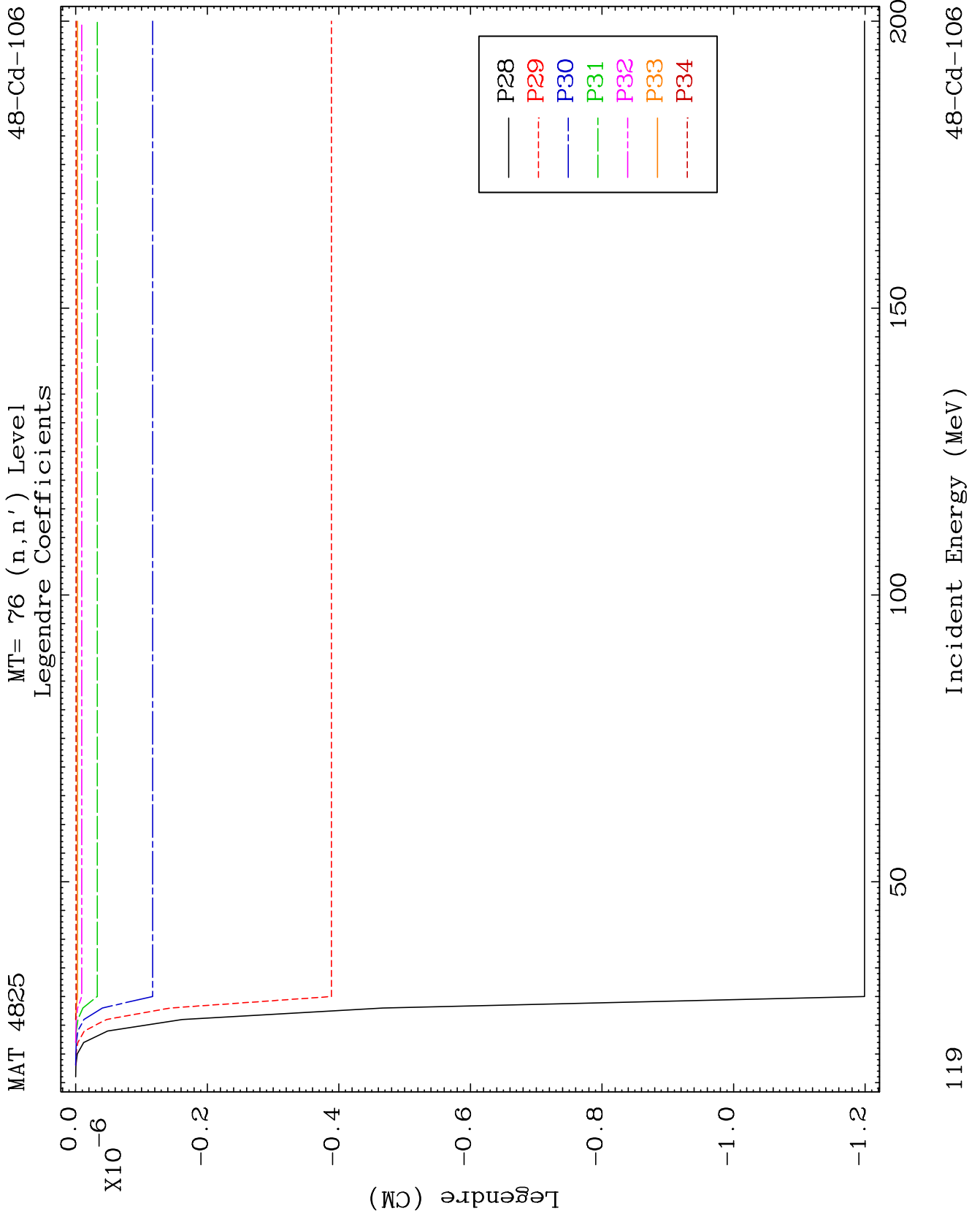


117

Incident Energy (MeV)

48-Cd-106

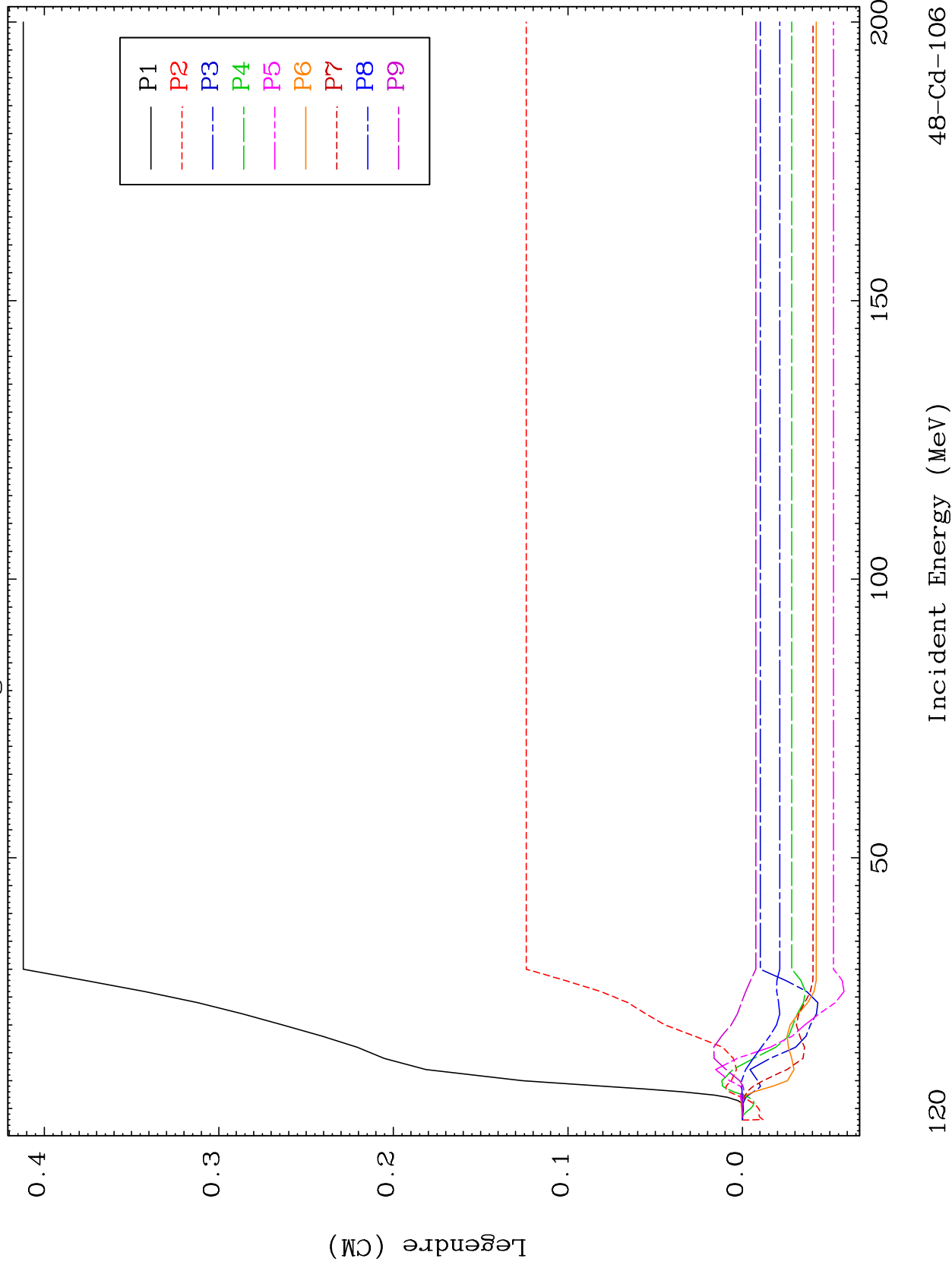




MAT 4825

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

48-Cd-106



48-Cd-106

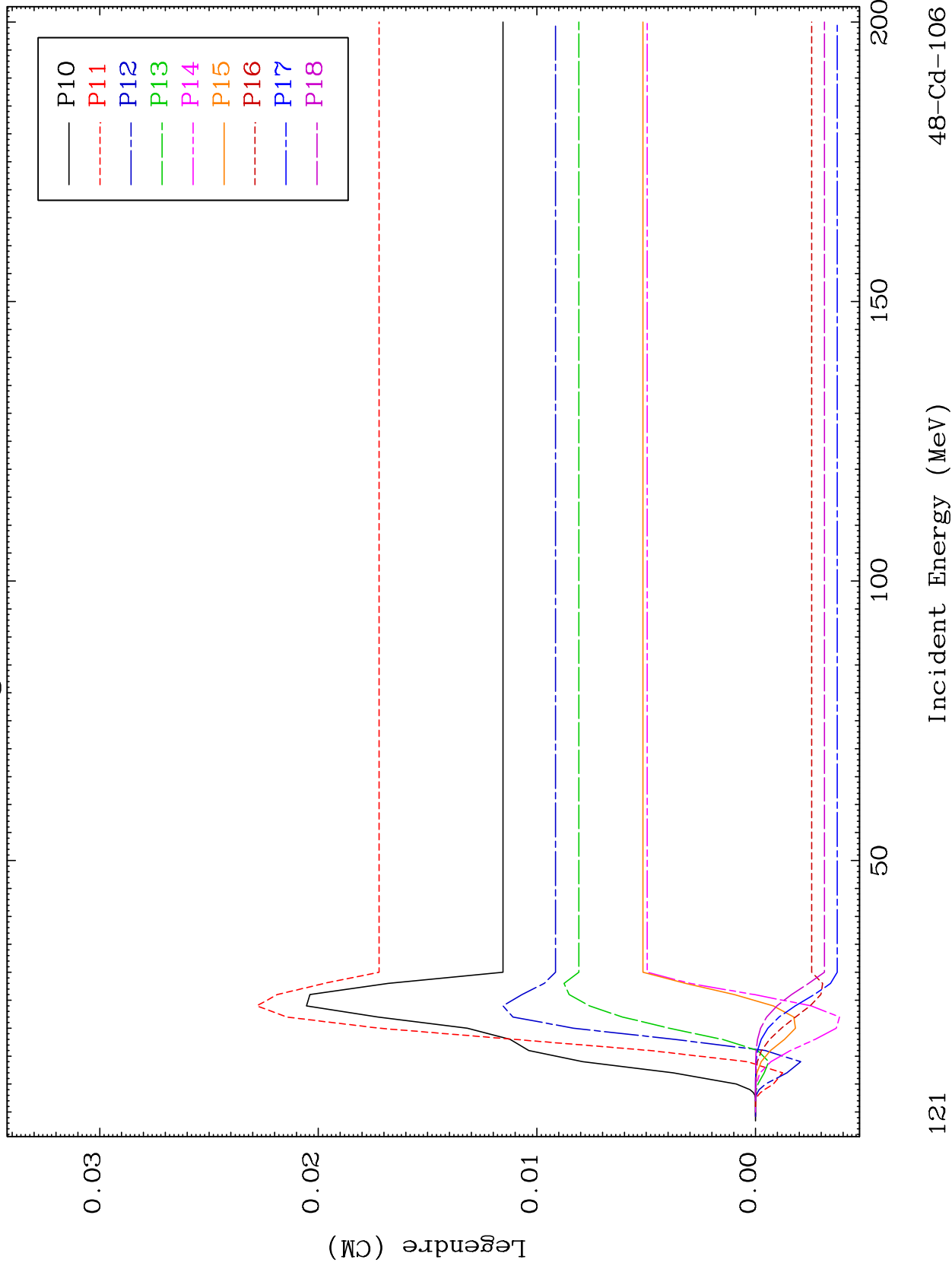
Incident Energy (MeV)

120

MAT 4825

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

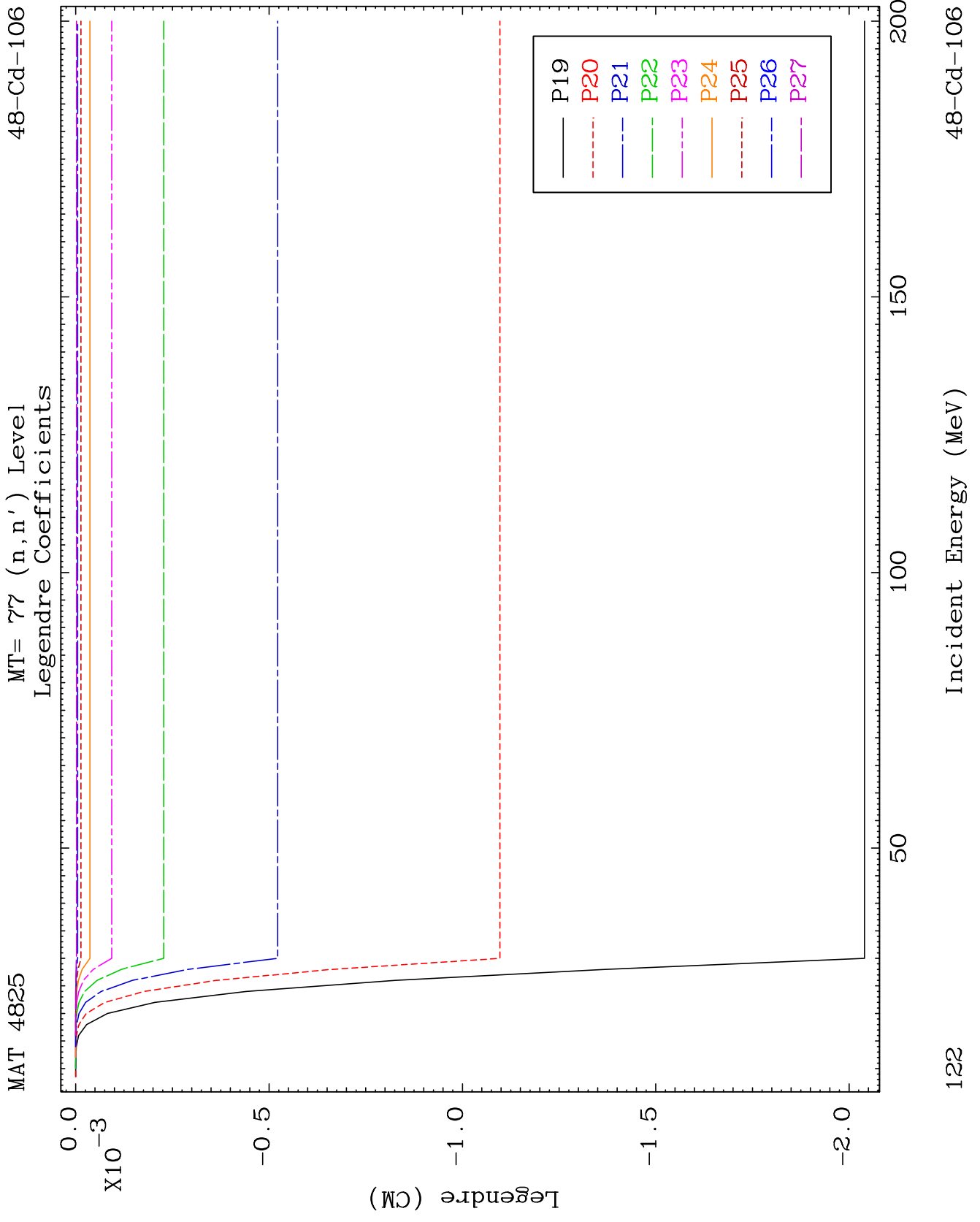
48-Cd-106

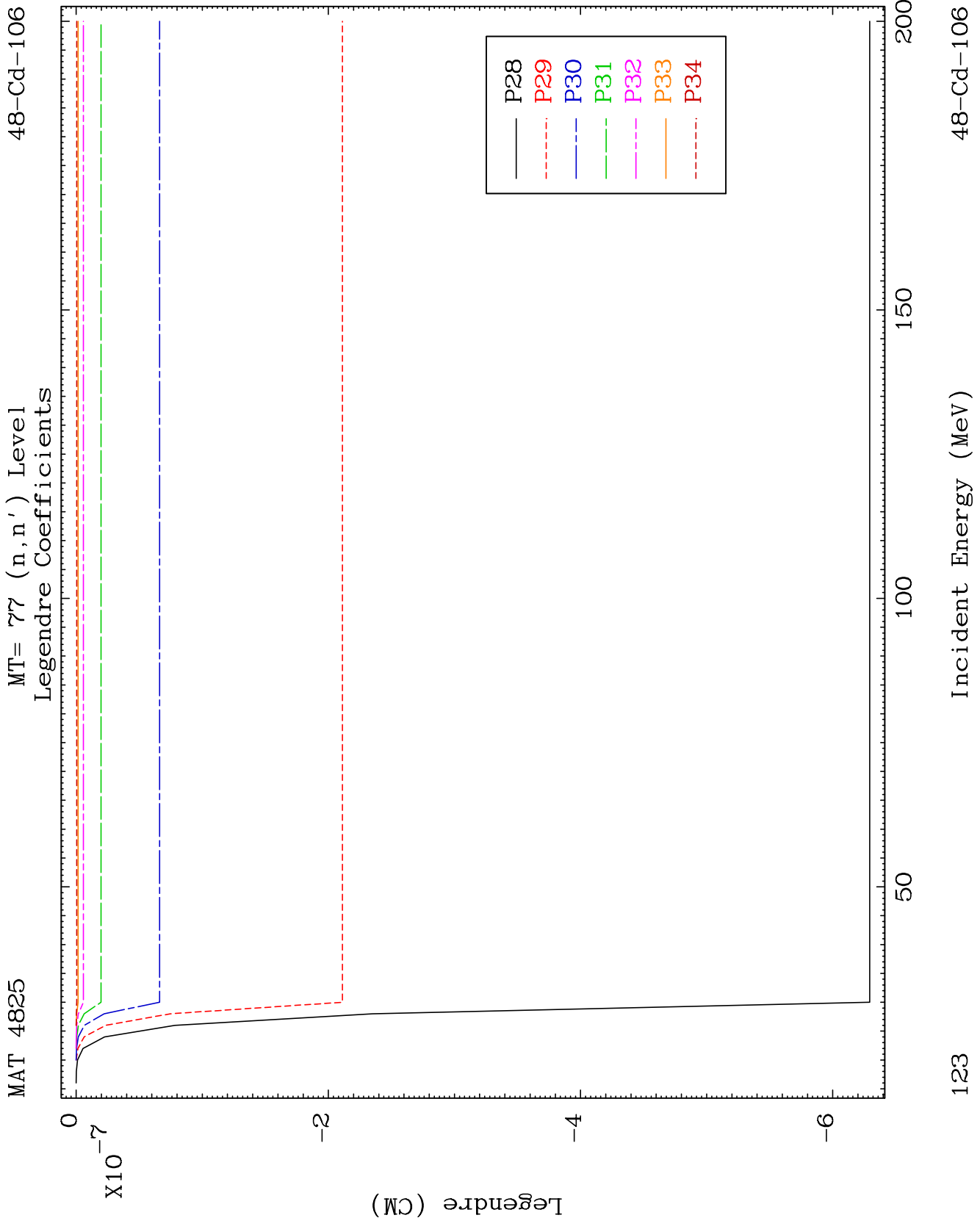


121

Incident Energy (MeV)

48-Cd-106

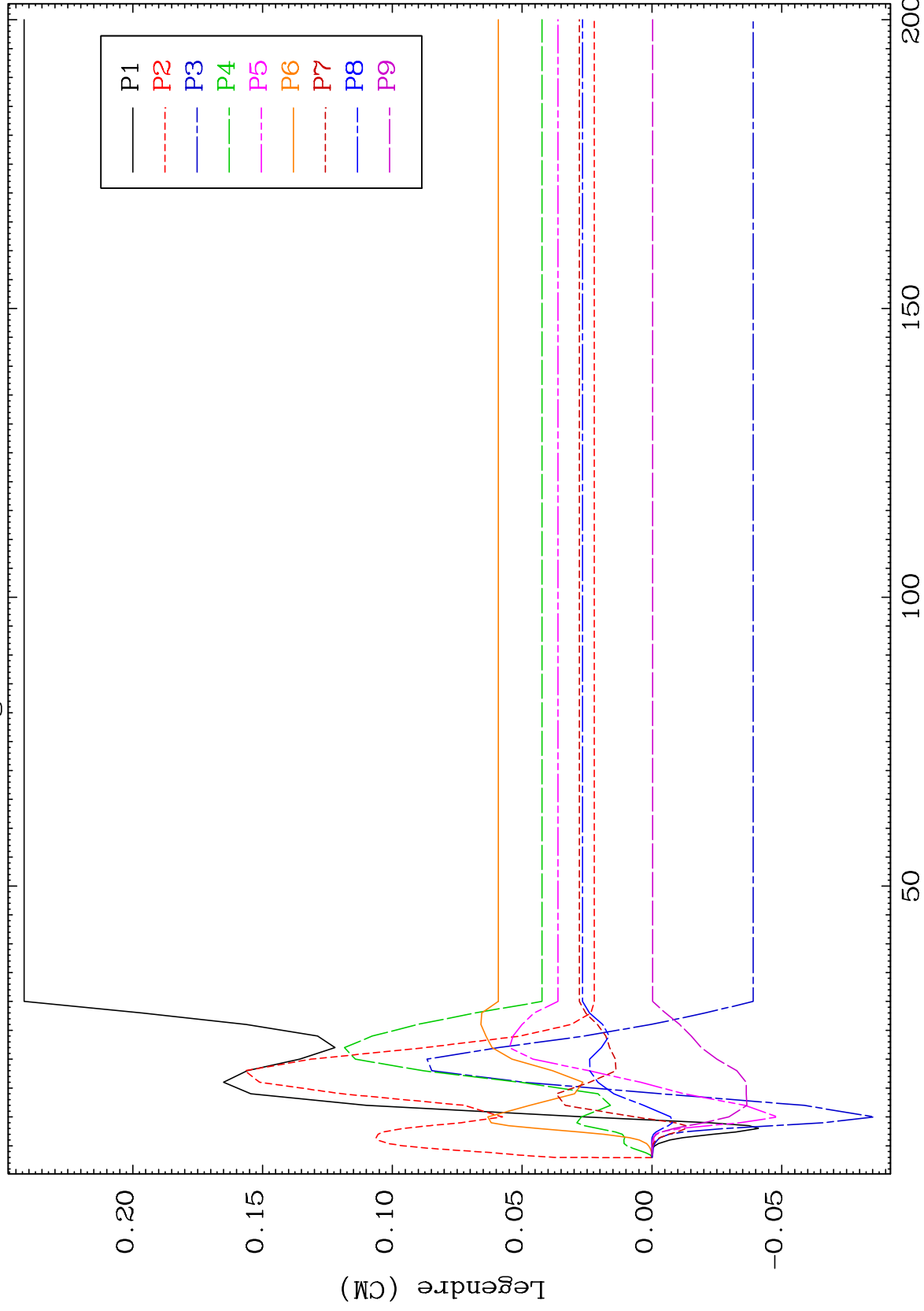




MAT 4825

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

48-Cd-106



124

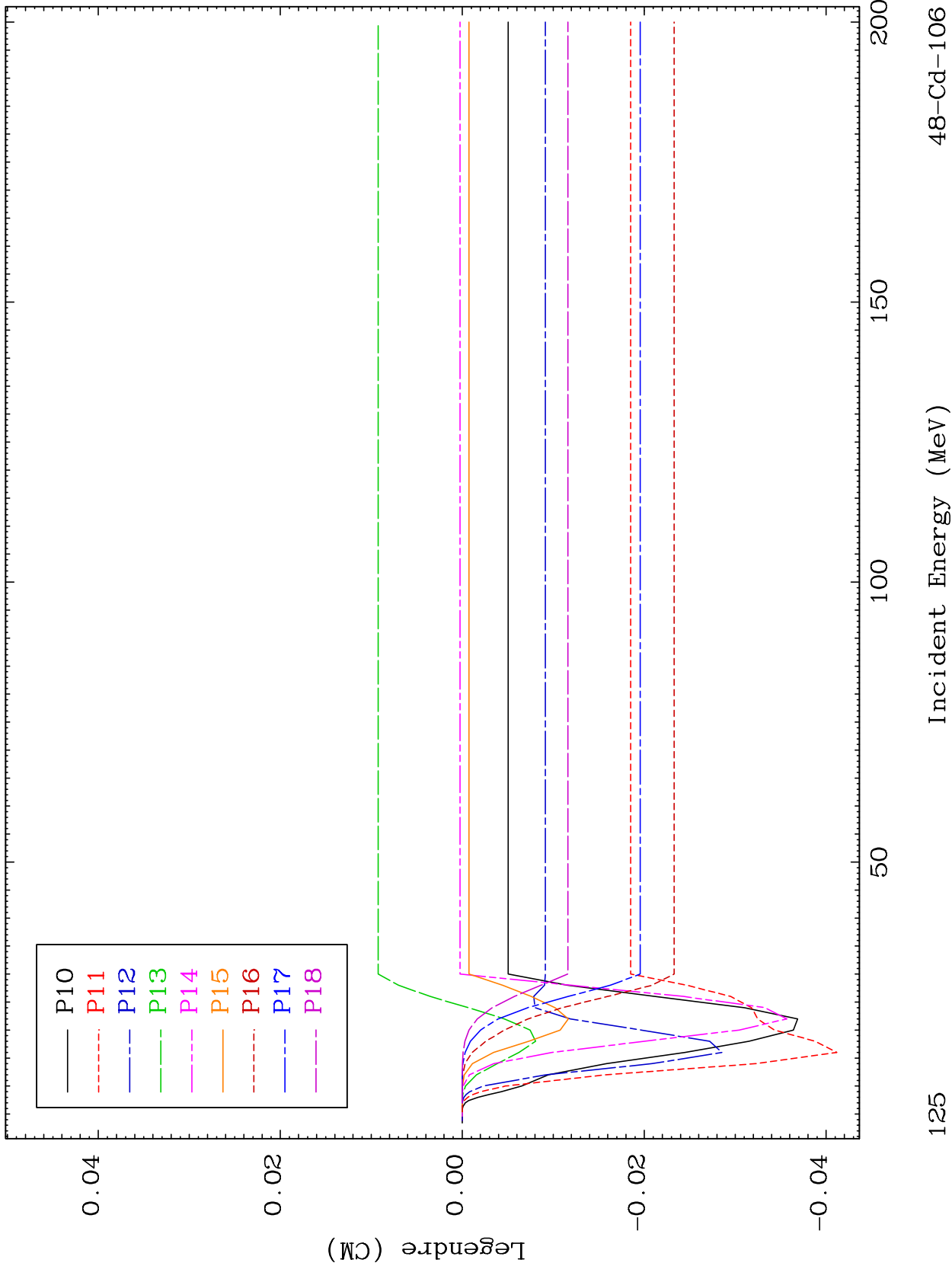
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

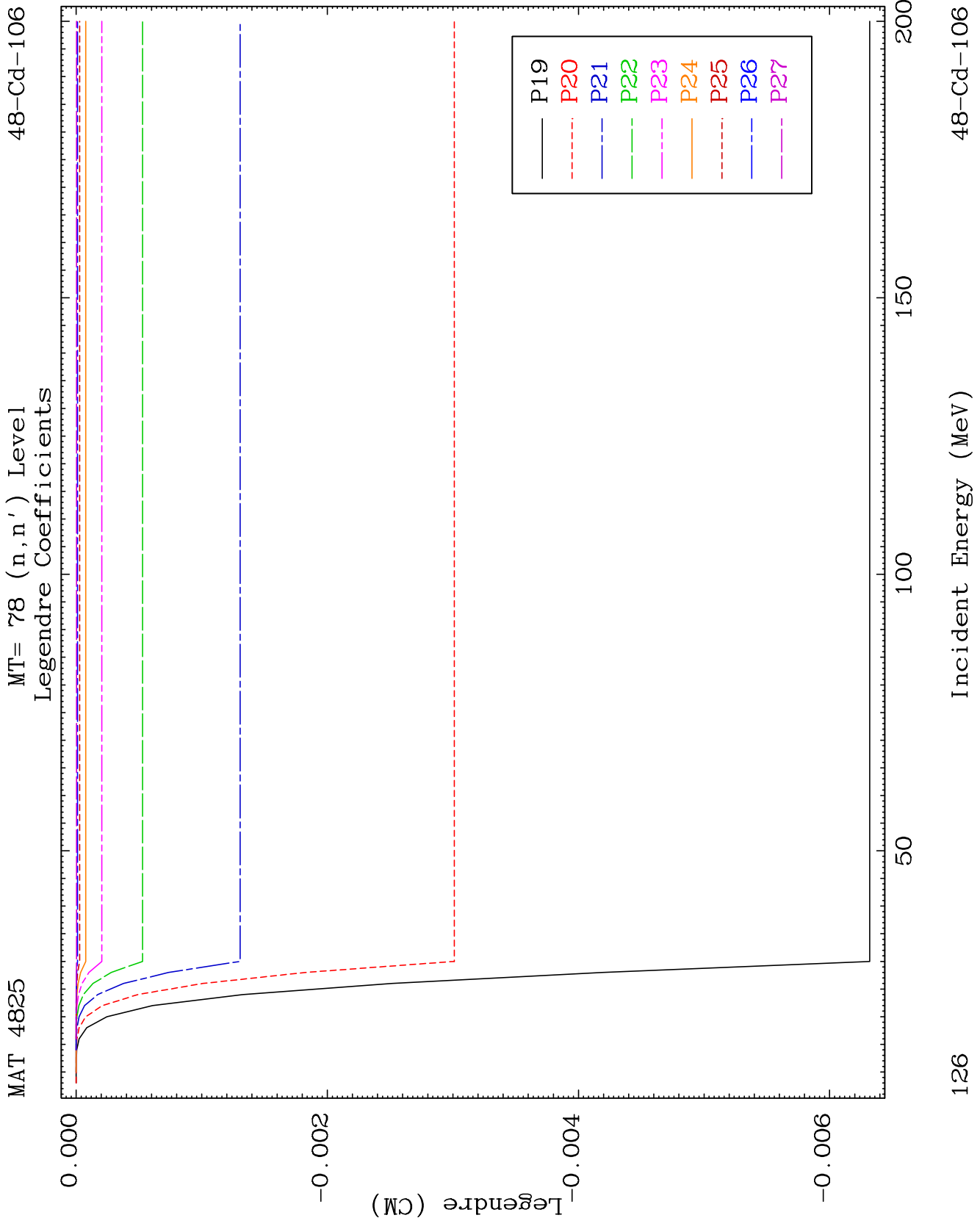
48-Cd-106

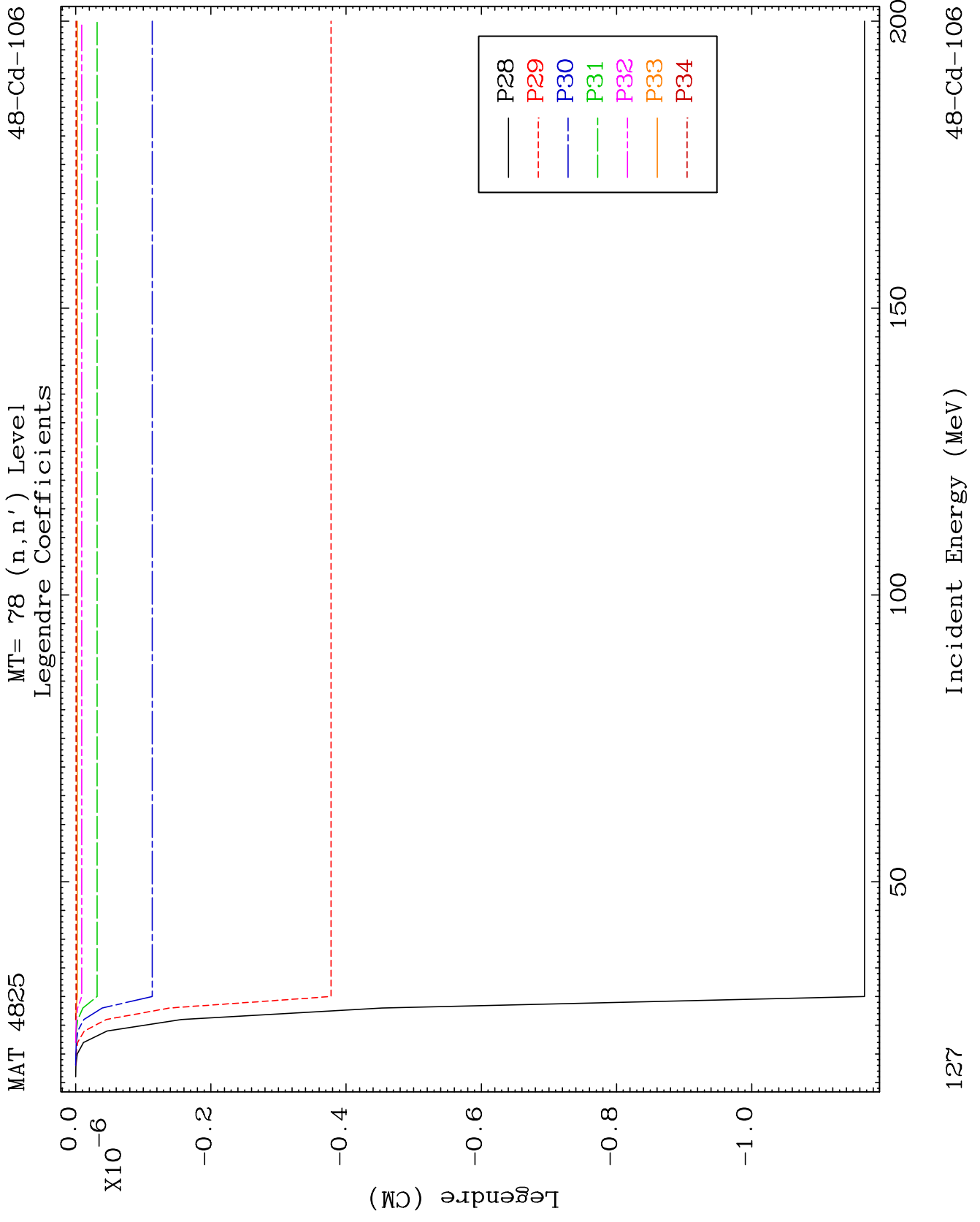


48-Cd-106

Incident Energy (MeV)

125

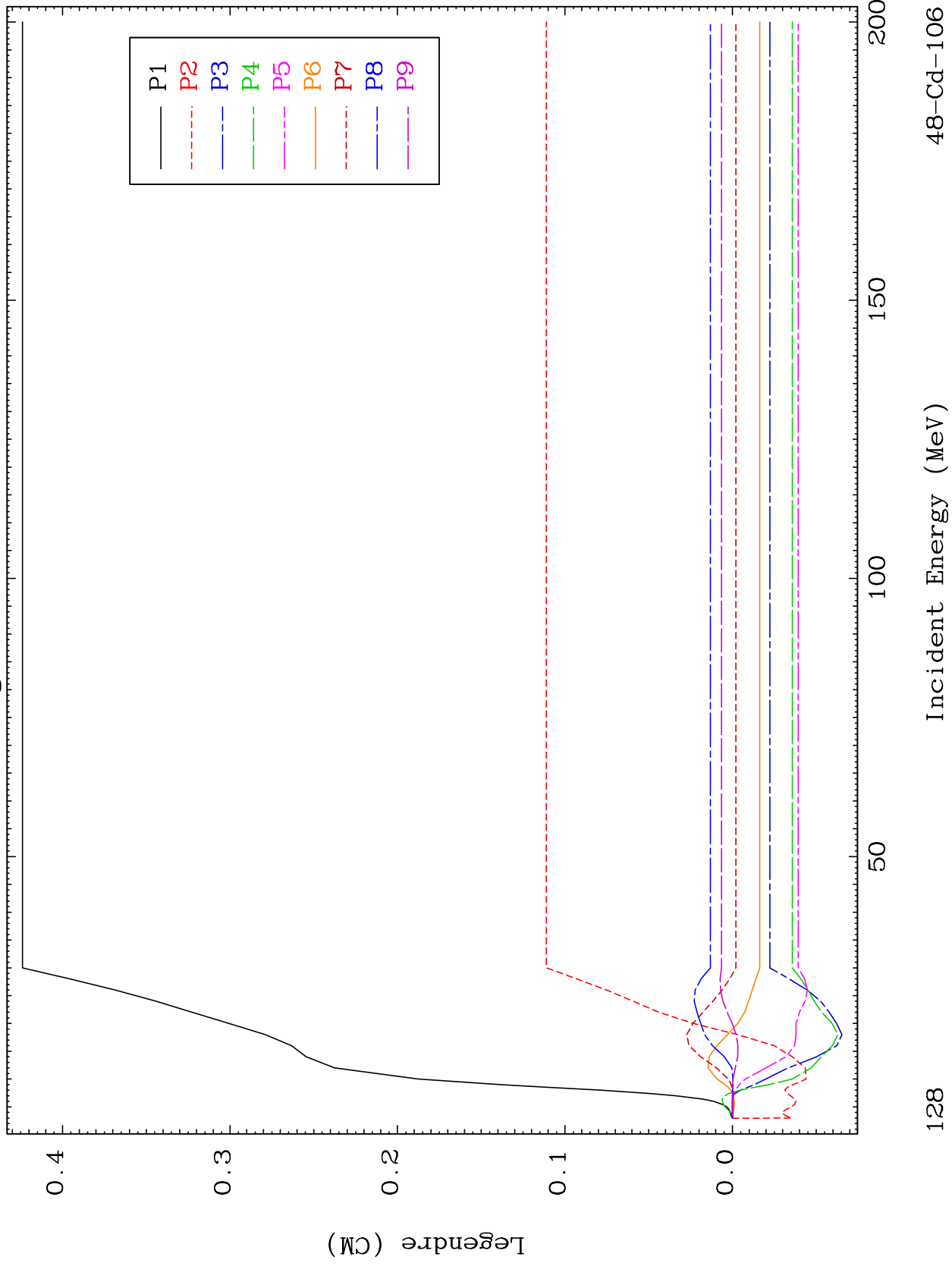




MAT 4825

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

48-Cd-106



128

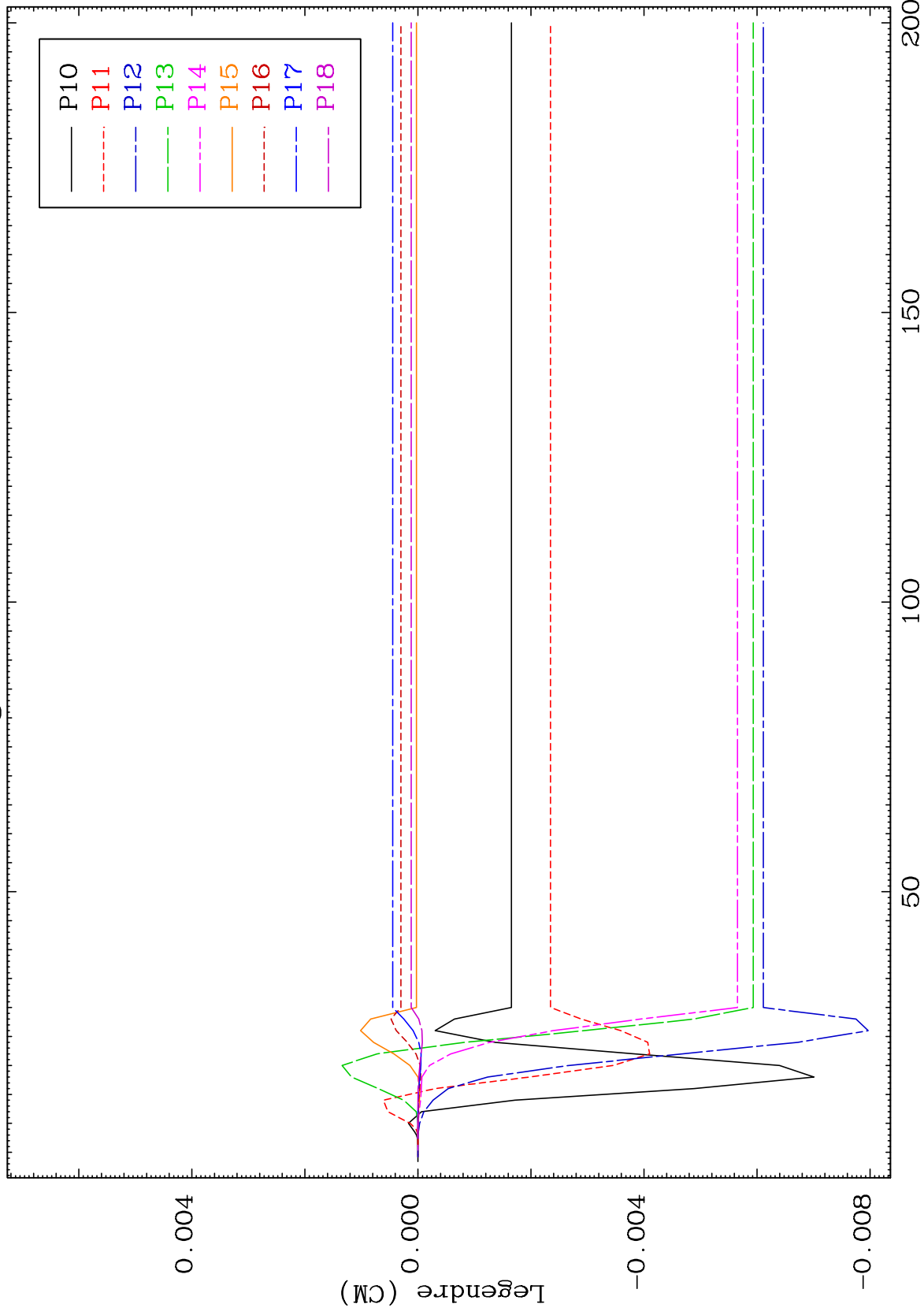
Incident Energy (MeV)

48-Cd-106

MAT 4825

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

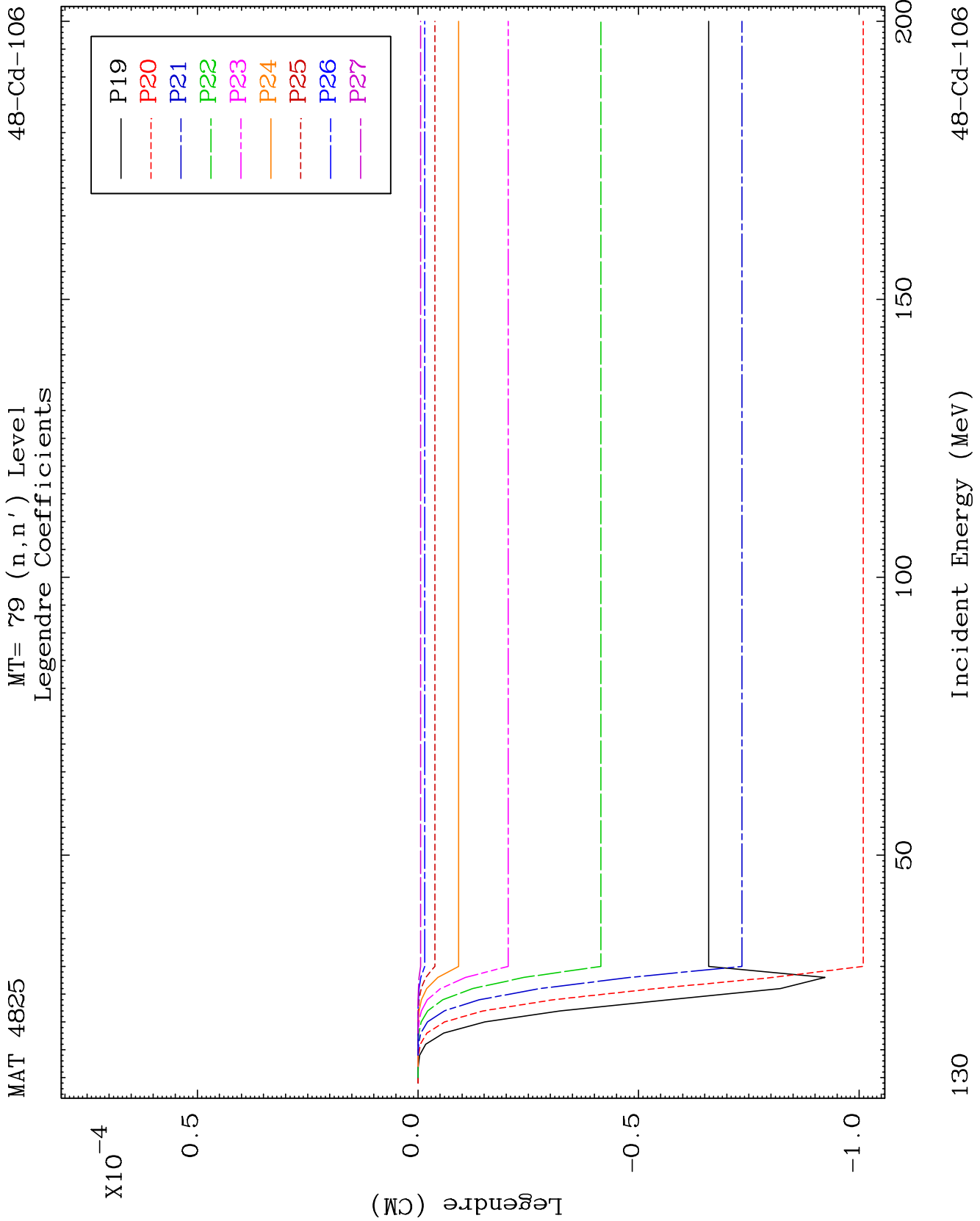
48-Cd-106

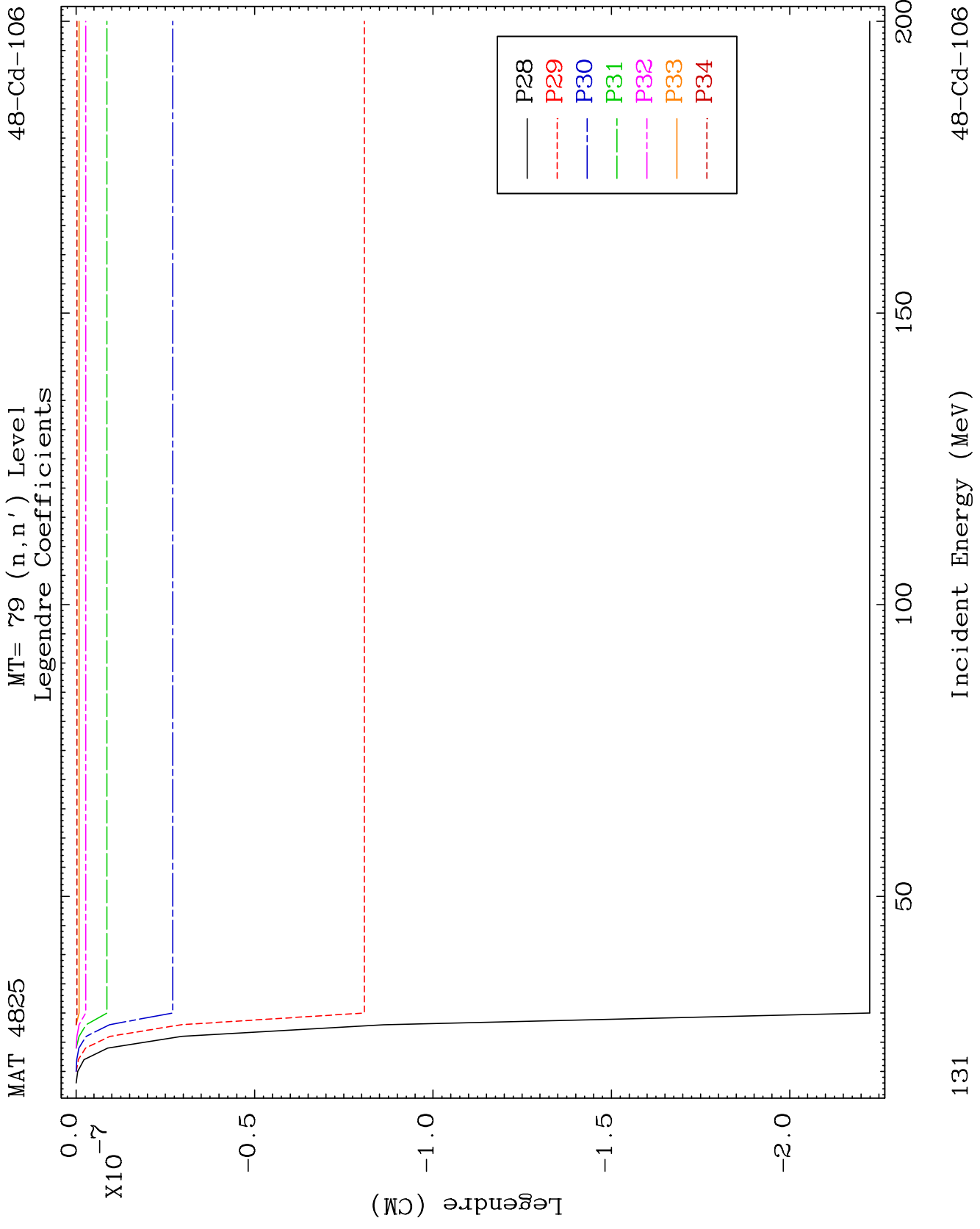


129

Incident Energy (MeV)

48-Cd-106



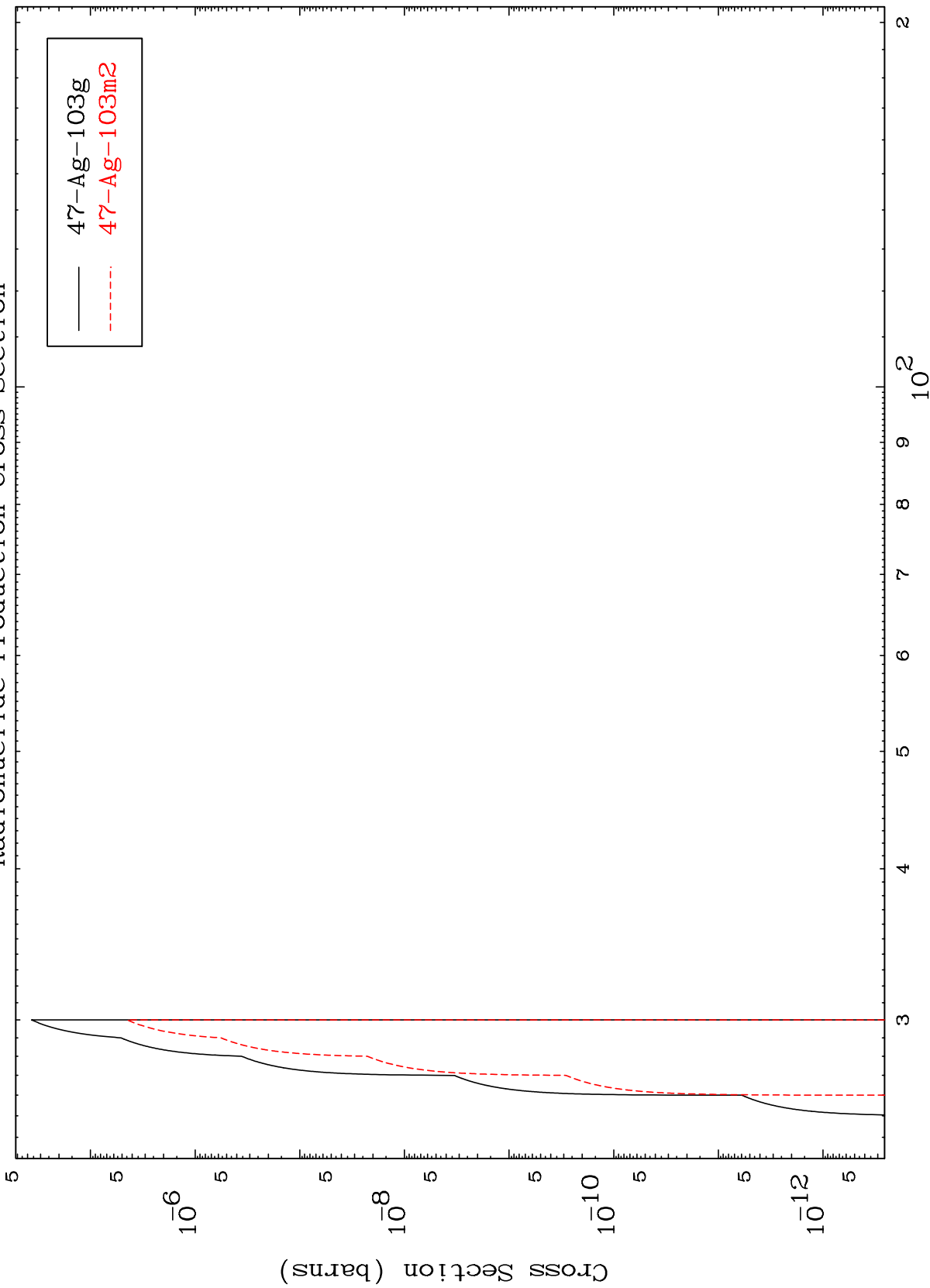


MAT 4825

(n,2n) d

48-Cd-106

Radionuclide Production Cross Section



132

Incident Energy (MeV)

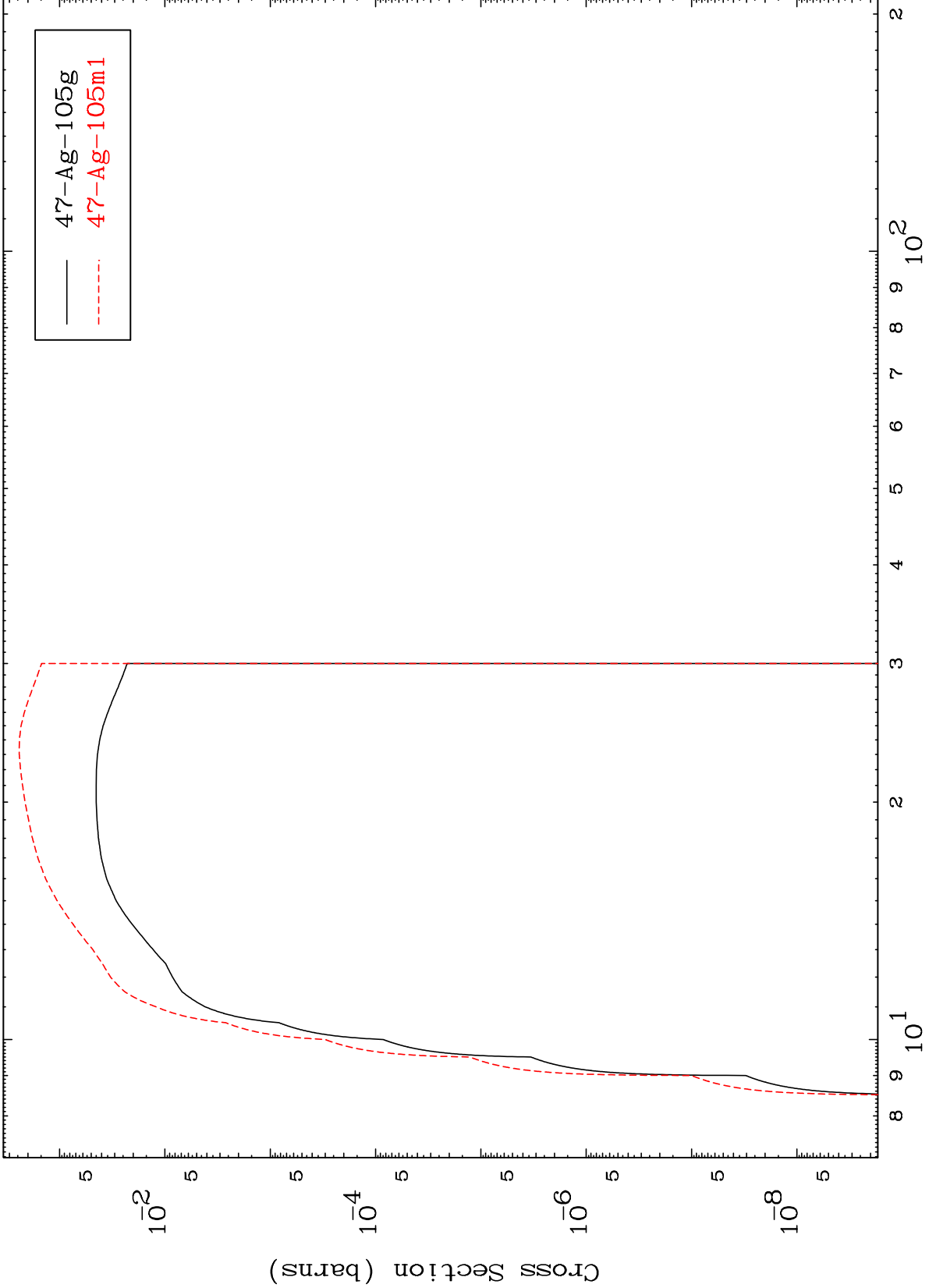
48-Cd-106

MAT 4825

(n,n') p

48-Cd-106

Radionuclide Production Cross Section



133

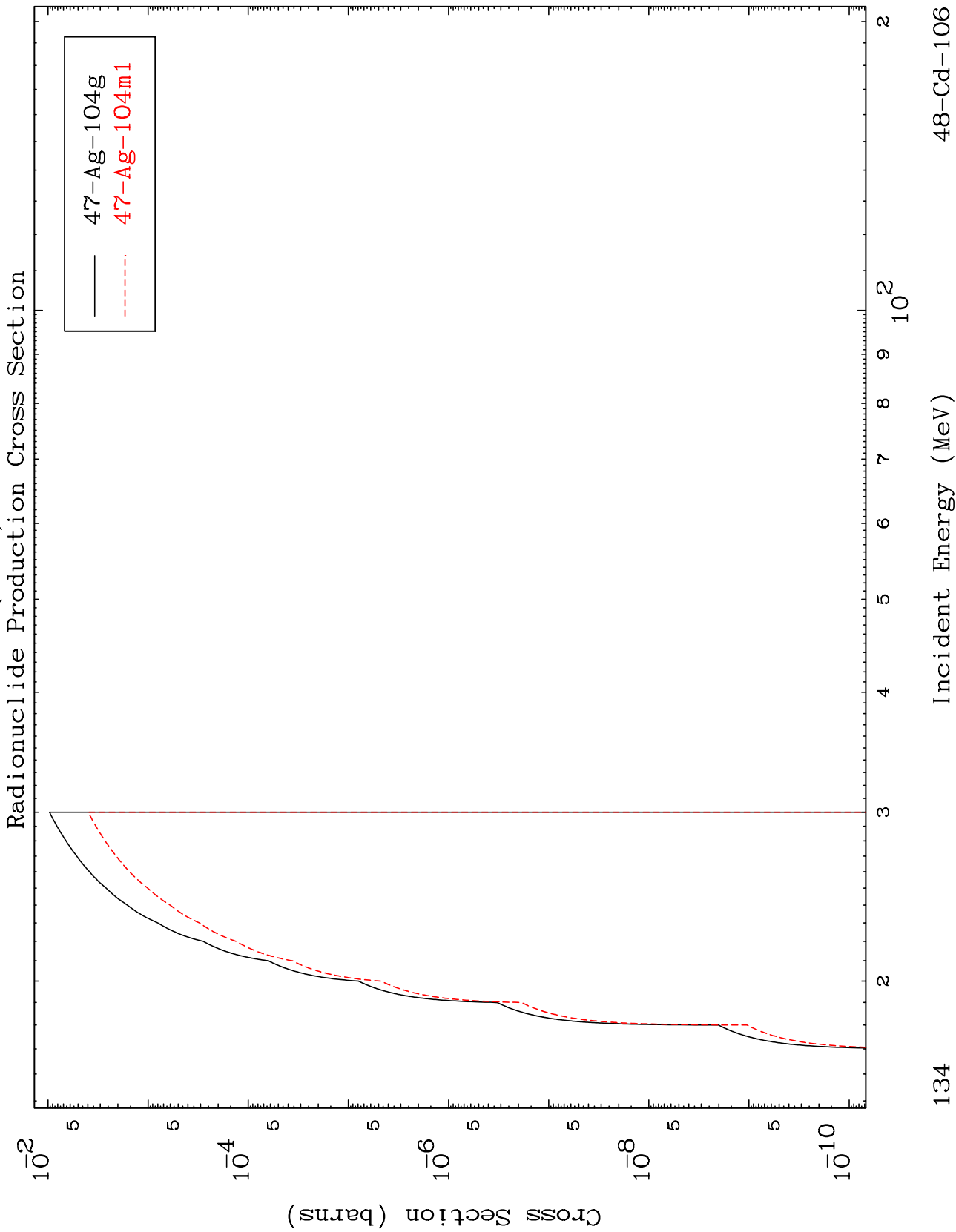
Incident Energy (MeV)

48-Cd-106

MAT 4825

(n,n') d

48-Cd-106



134

Incident Energy (MeV)

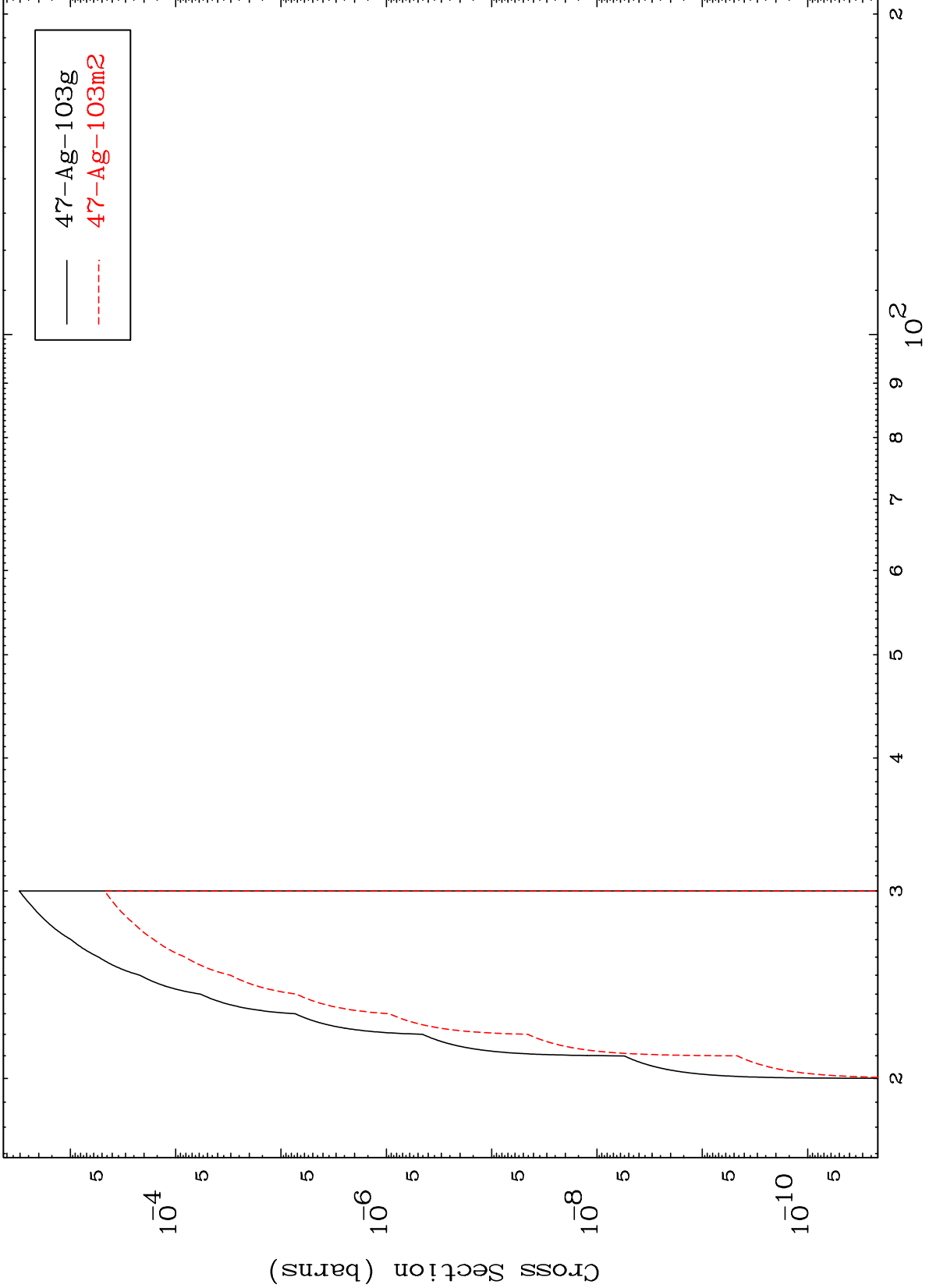
48-Cd-106

MAT 4825

(n,n') t

48-Cd-106

Radionuclide Production Cross Section



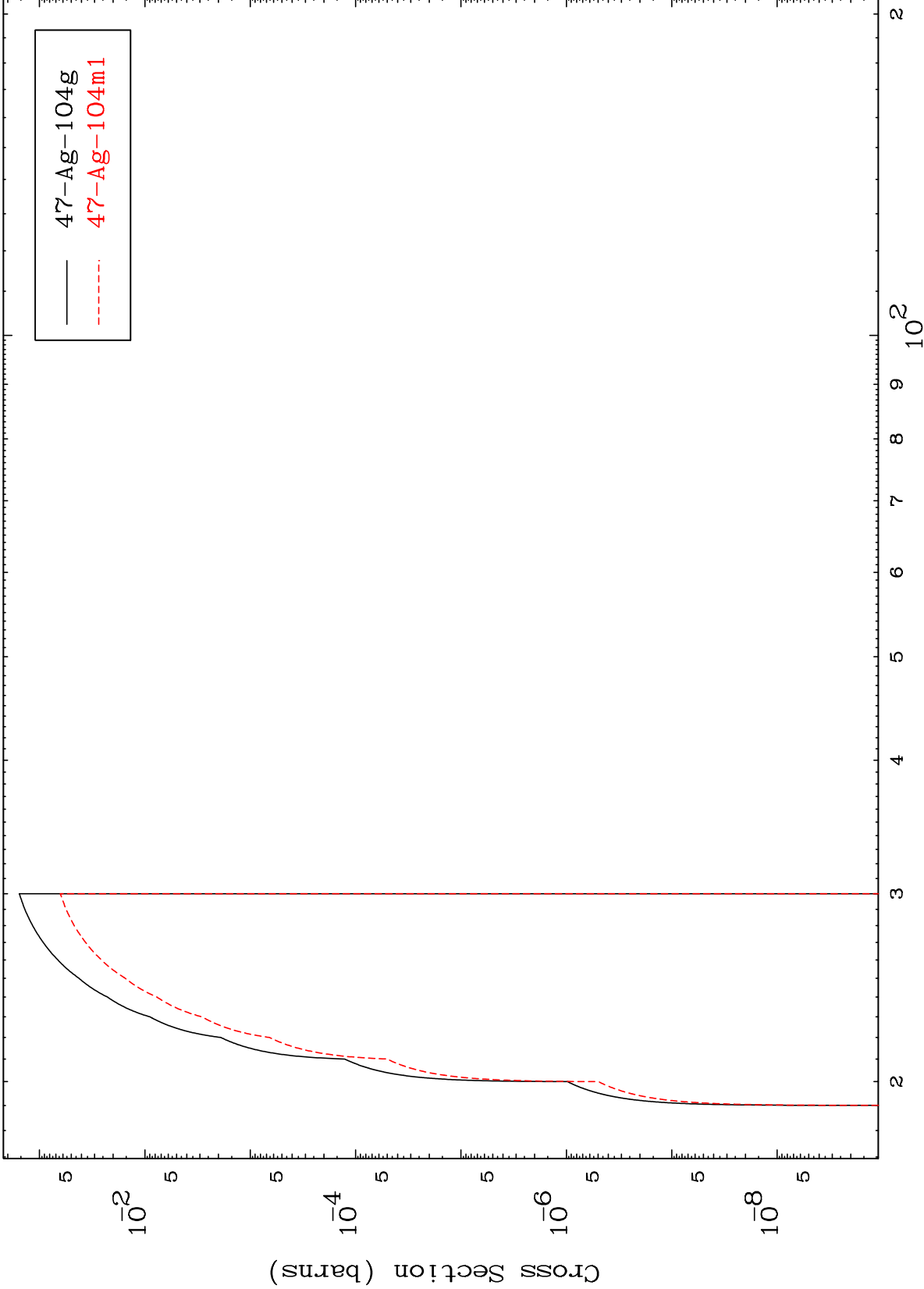
47-Ag-103g
47-Ag-103m2

135

Incident Energy (MeV)

48-Cd-106

Radionuclide Production Cross Section

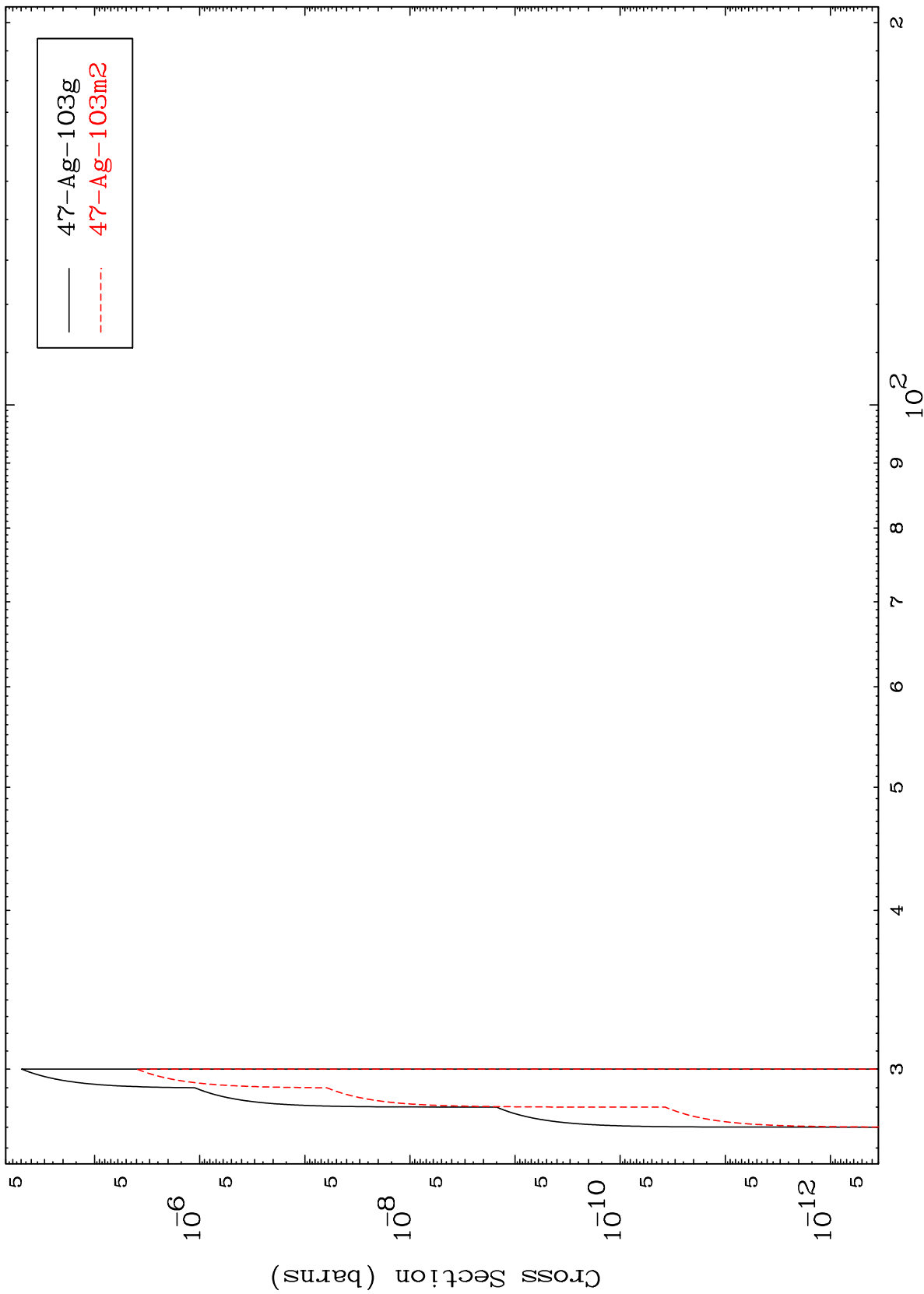


MAT 4825

(n,3n) p

48-Cd-106

Radionuclide Production Cross Section



137

Incident Energy (MeV)

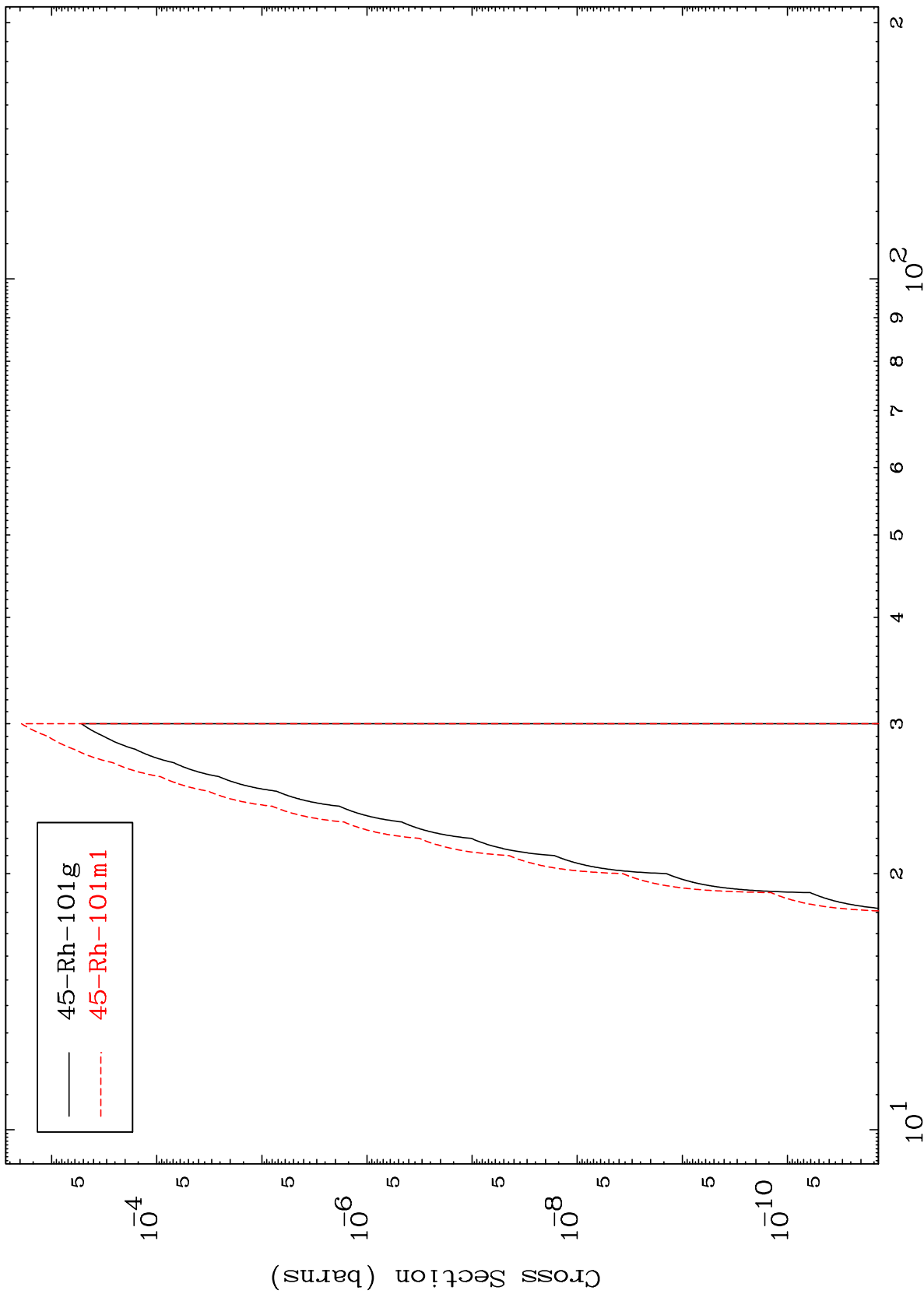
48-Cd-106

MAT 4825

(n,n') p α

48-Cd-106

Radionuclide Production Cross Section



Incident Energy (MeV)

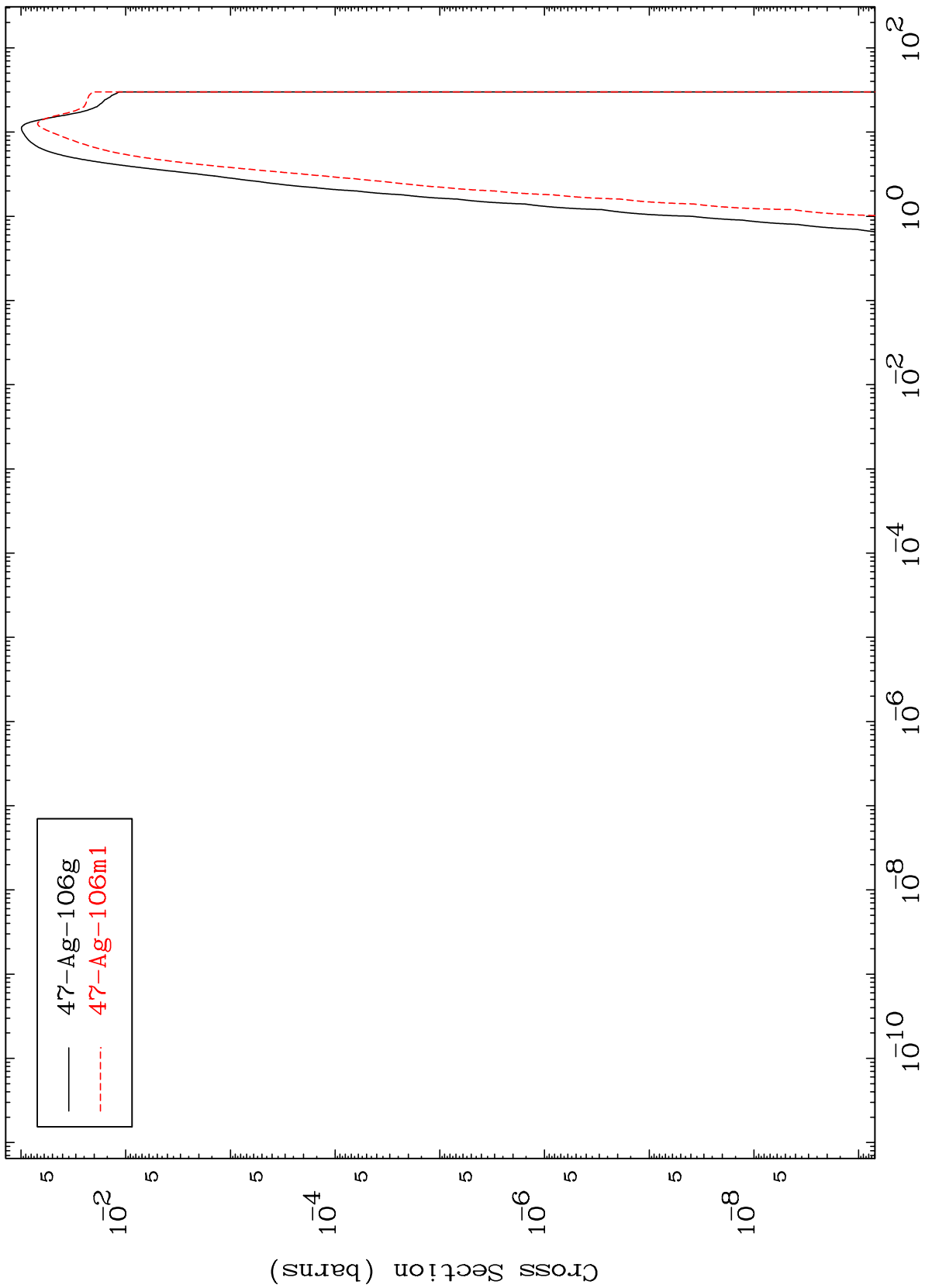
48-Cd-106

138

MAT 4825

(n,p)
Radionuclide Production Cross Section

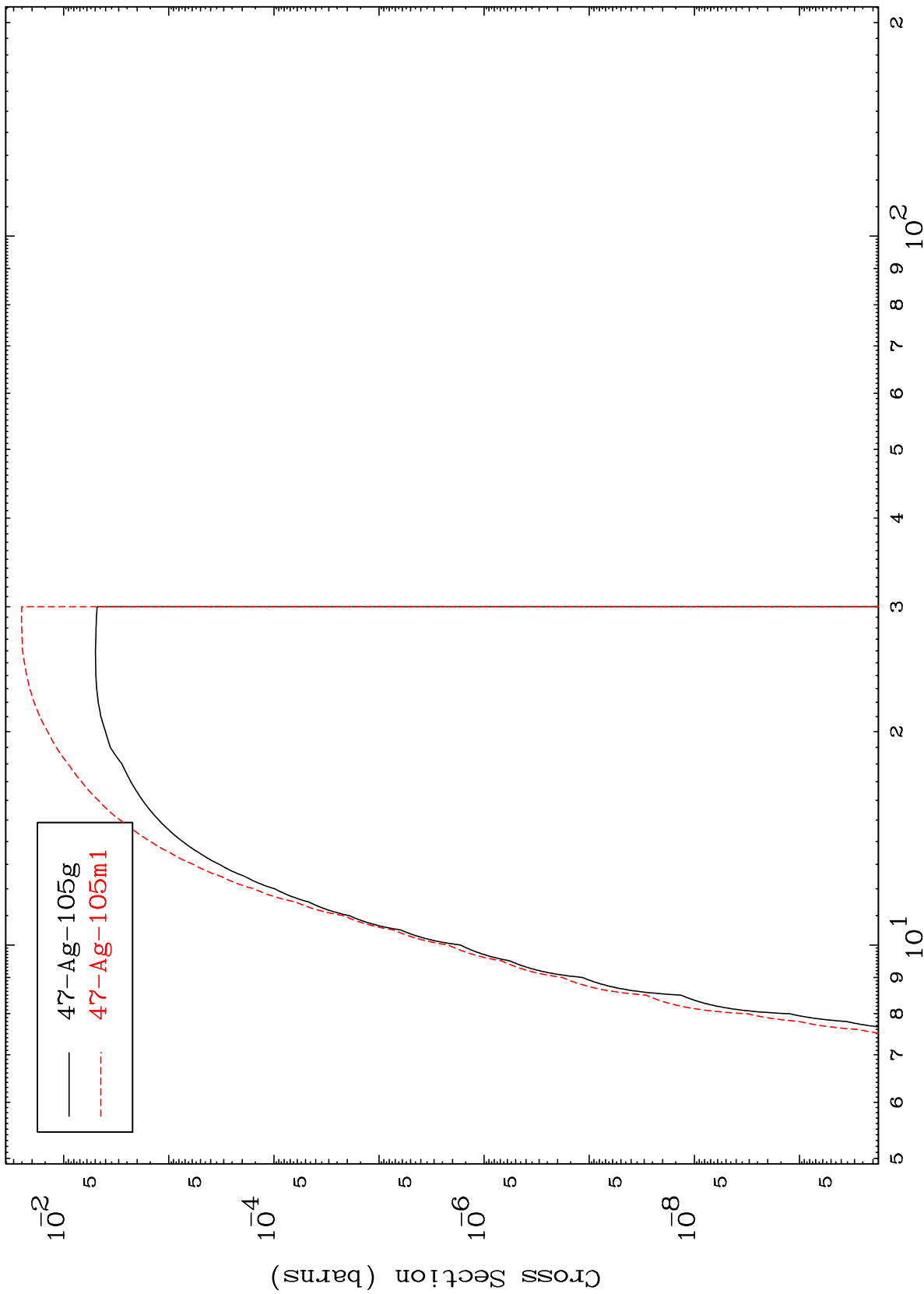
48-Cd-106



MAT 4825

48-Cd-106

(n,d)
Radionuclide Production Cross Section



140

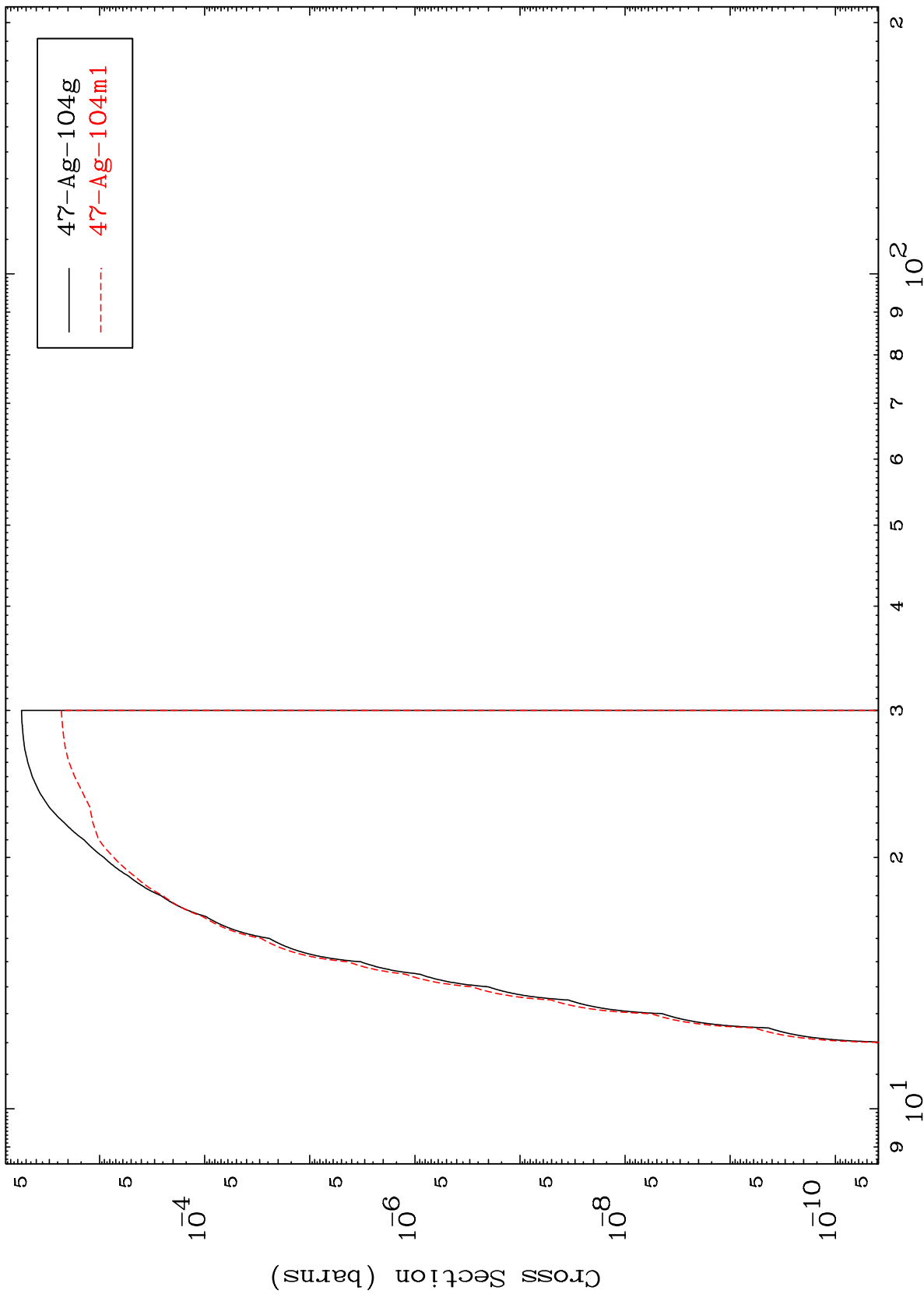
Incident Energy (MeV)

48-Cd-106

MAT 4825

48-Cd-106

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-106

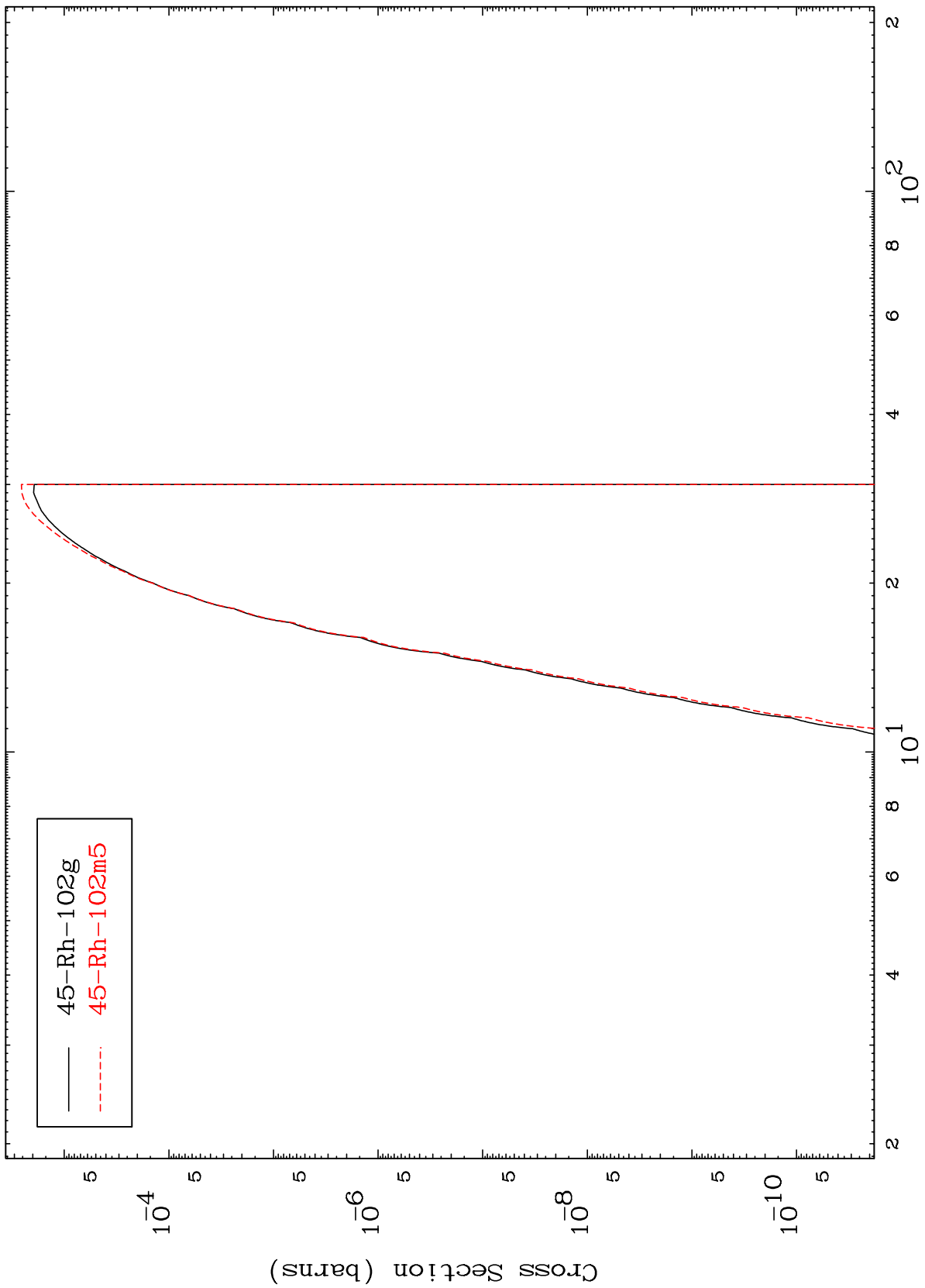
141

MAT 4825

(n,p) α

48-Cd-106

Radionuclide Production Cross Section



— 45-Rh-102g
- - - 45-Rh-102m5

142

Incident Energy (MeV)

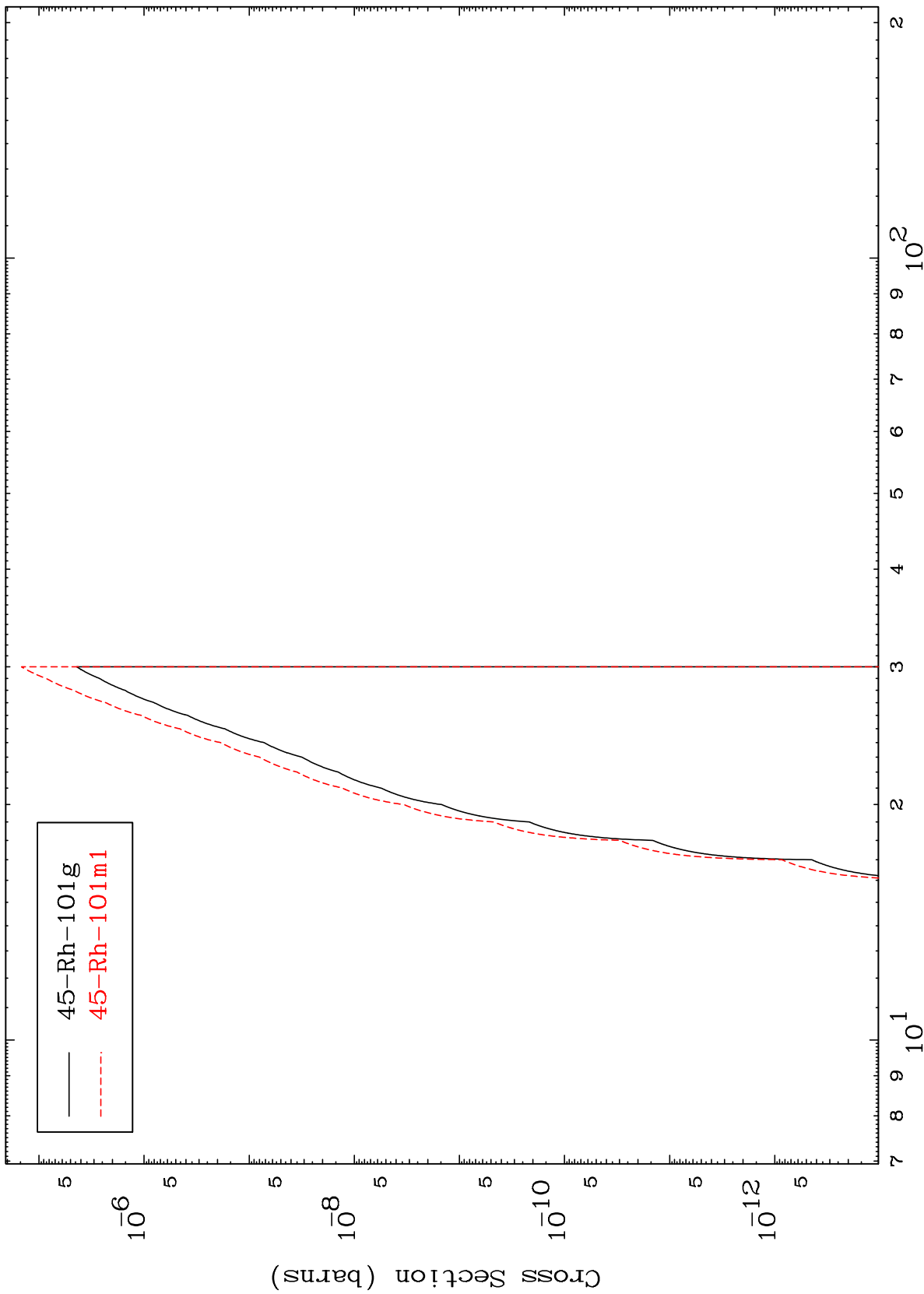
48-Cd-106

MAT 4825

(n,d) α

48-Cd-106

Radionuclide Production Cross Section



45-Rh-101g
45-Rh-101m1

143

Incident Energy (MeV)

48-Cd-106