

Program EVALPLOT
(Version 2018-1)

by

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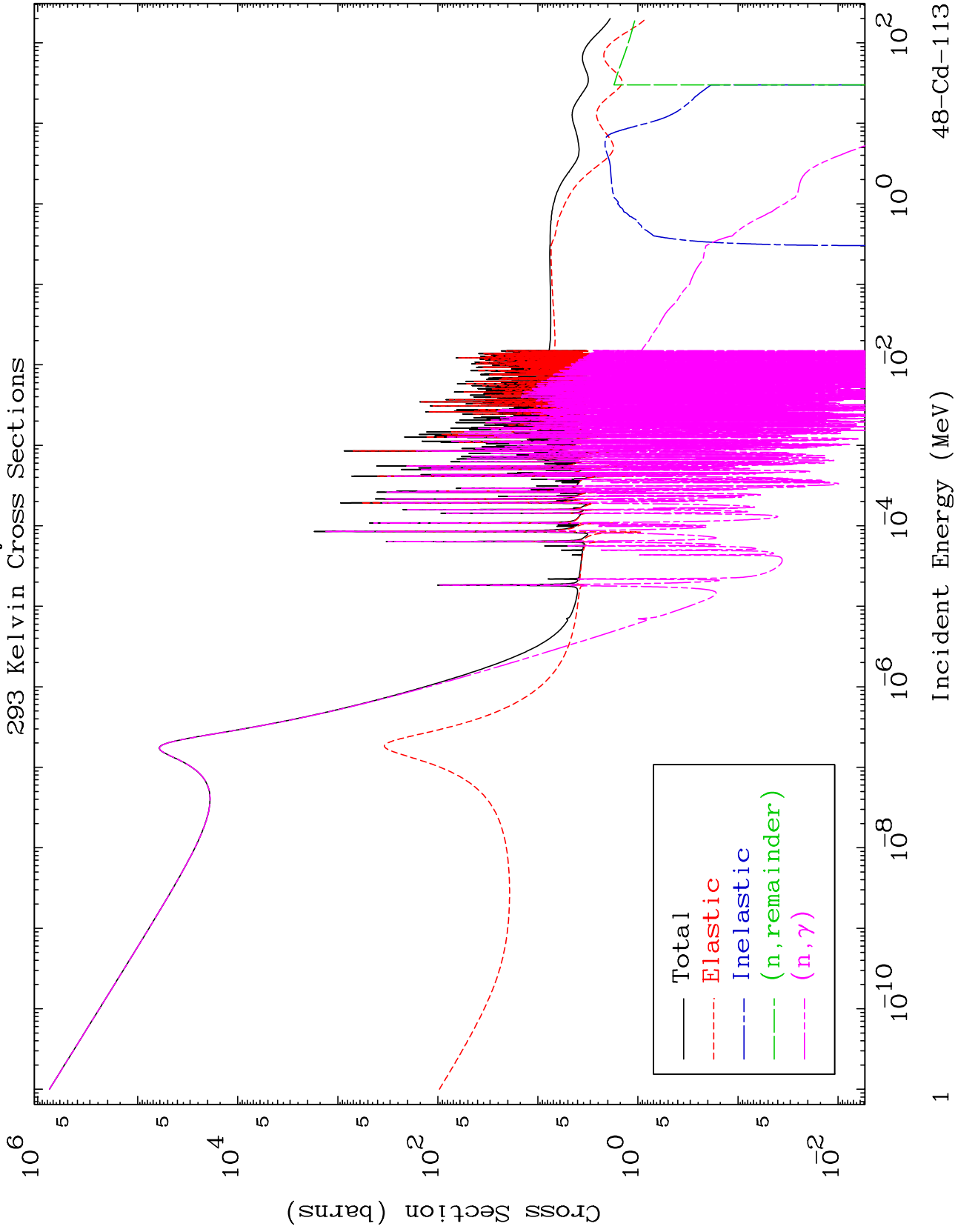
Press Mouse Button to Start

MAT 4846

Major

293 Kelvin Cross Sections

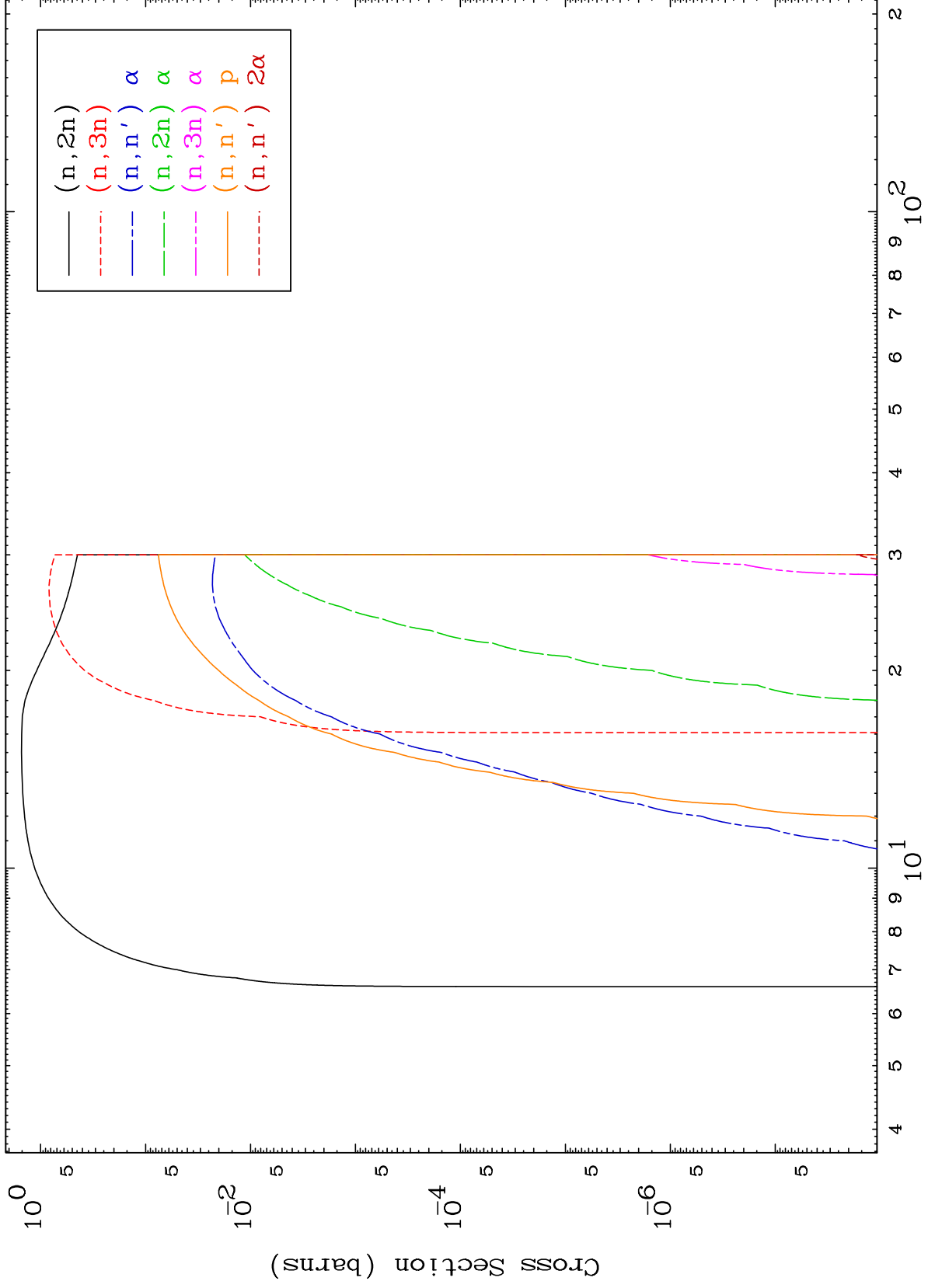
48-Cd-113



MAT 4846

Neutron Production
293 Kelvin Cross Sections

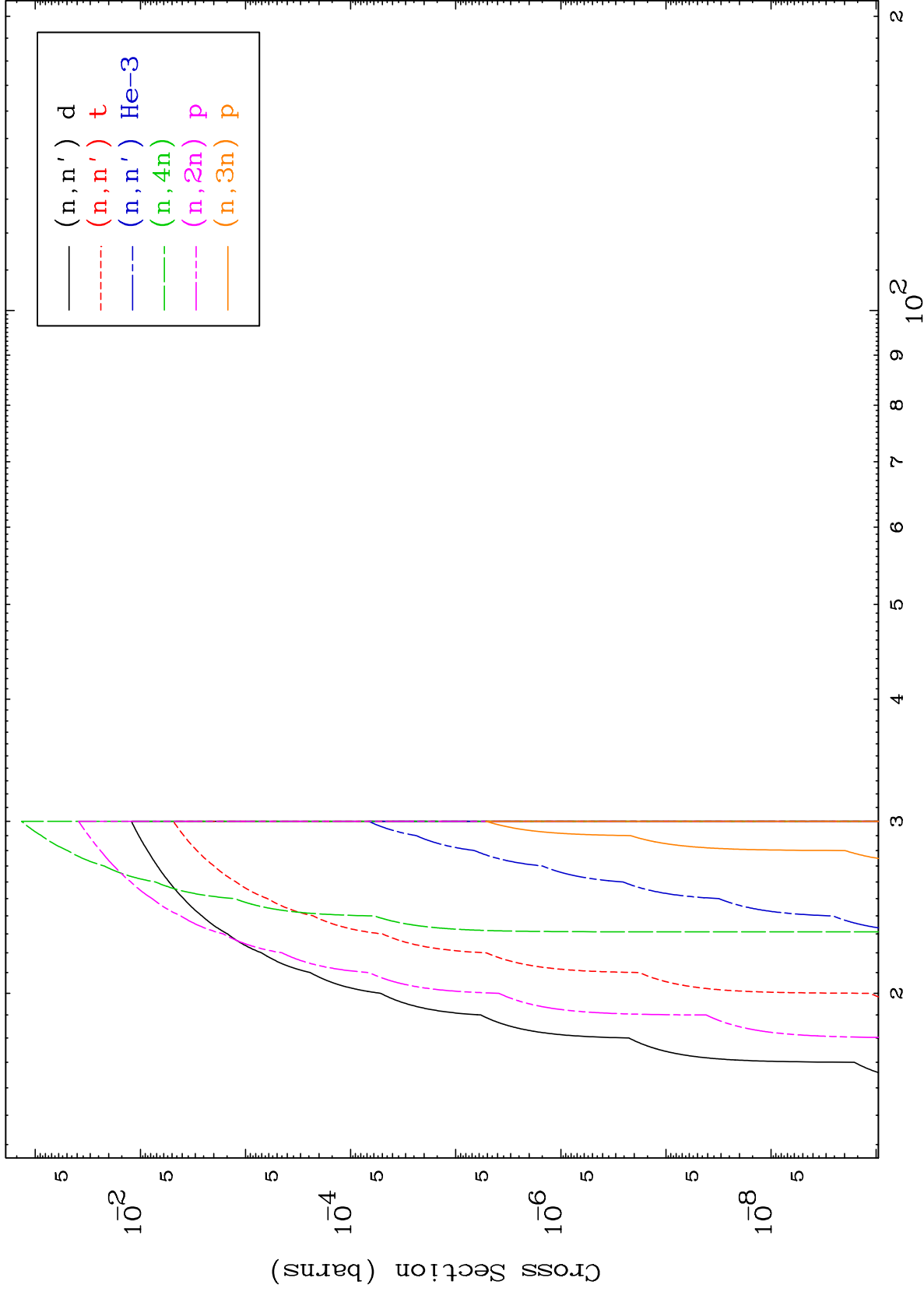
48-Cd-113



2

Incident Energy (MeV)

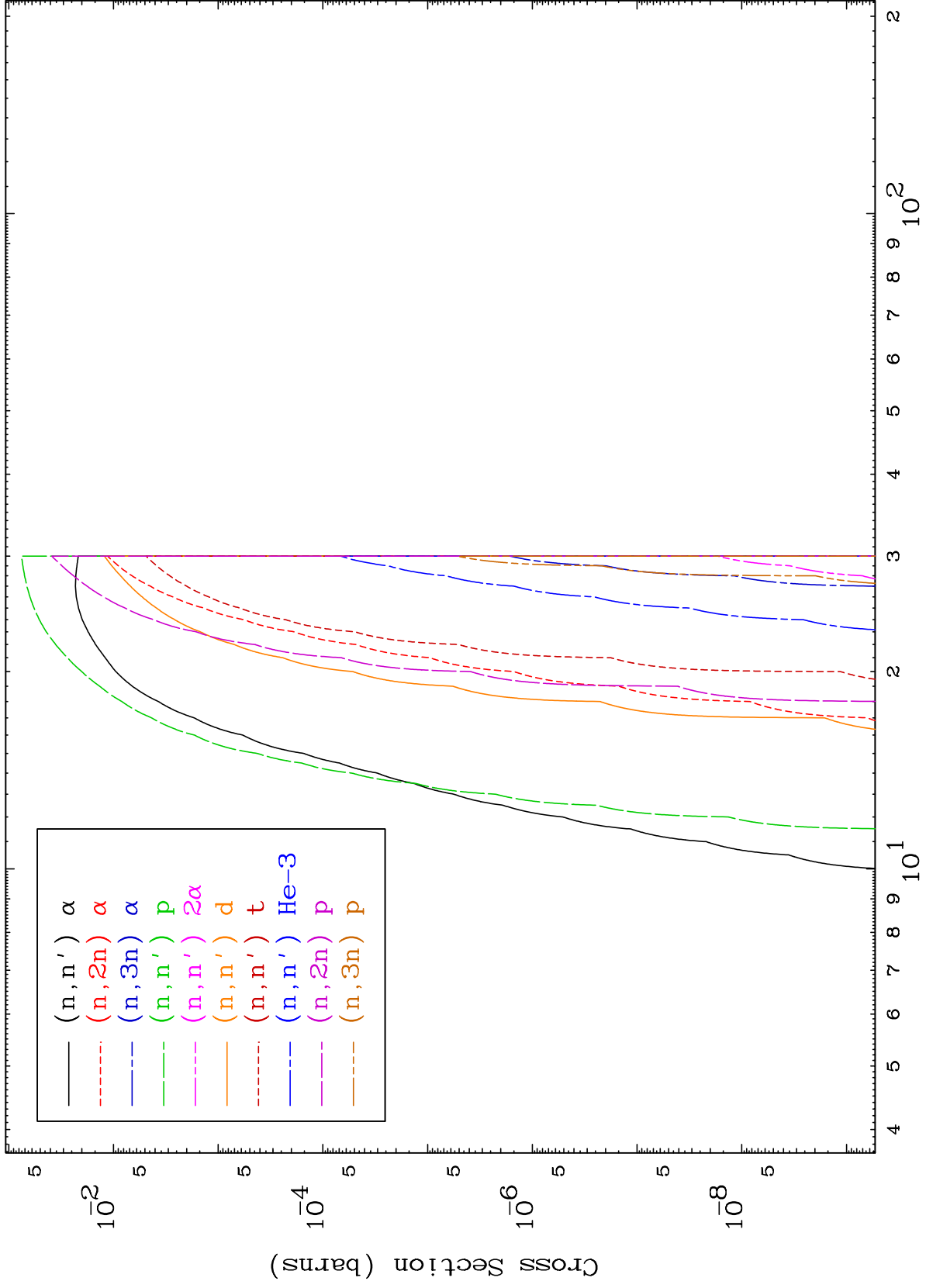
48-Cd-113



MAT 4846

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



4

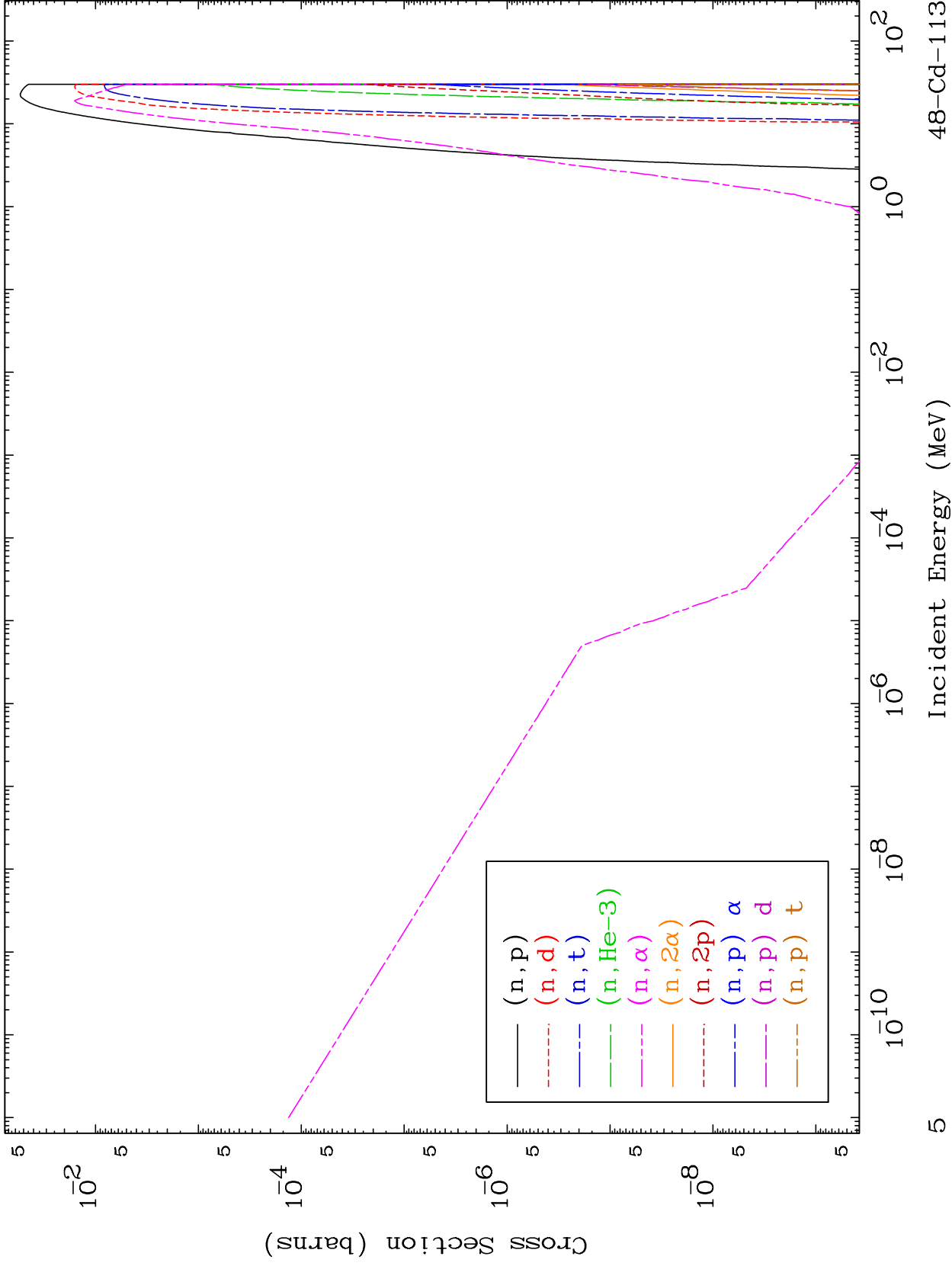
Incident Energy (MeV)

48-Cd-113

MAT 4846

Charged Particle
293 Kelvin Cross Sections

48-Cd-113

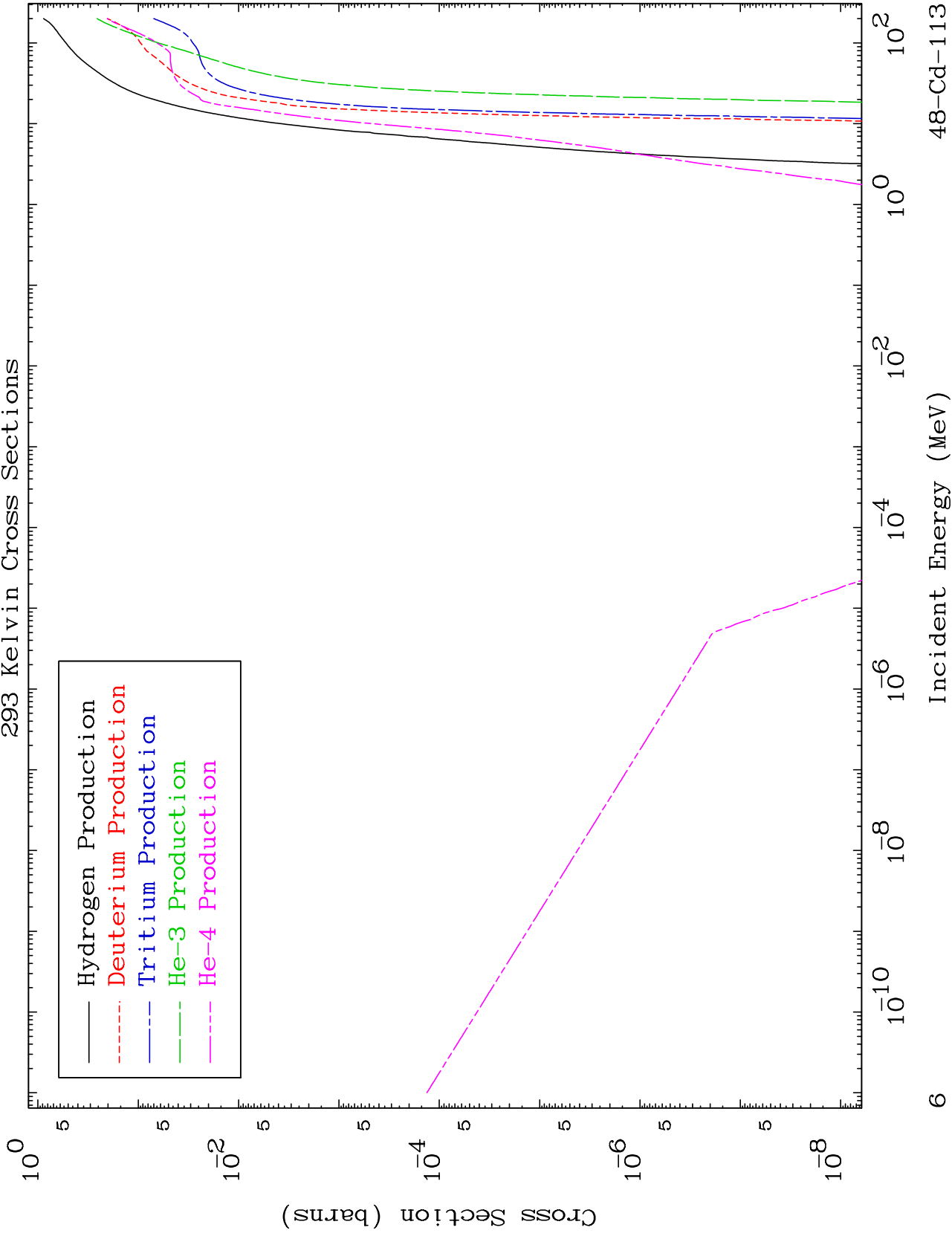


5

MAT 4846

Particle Production
293 Kelvin Cross Sections

48-Cd-113

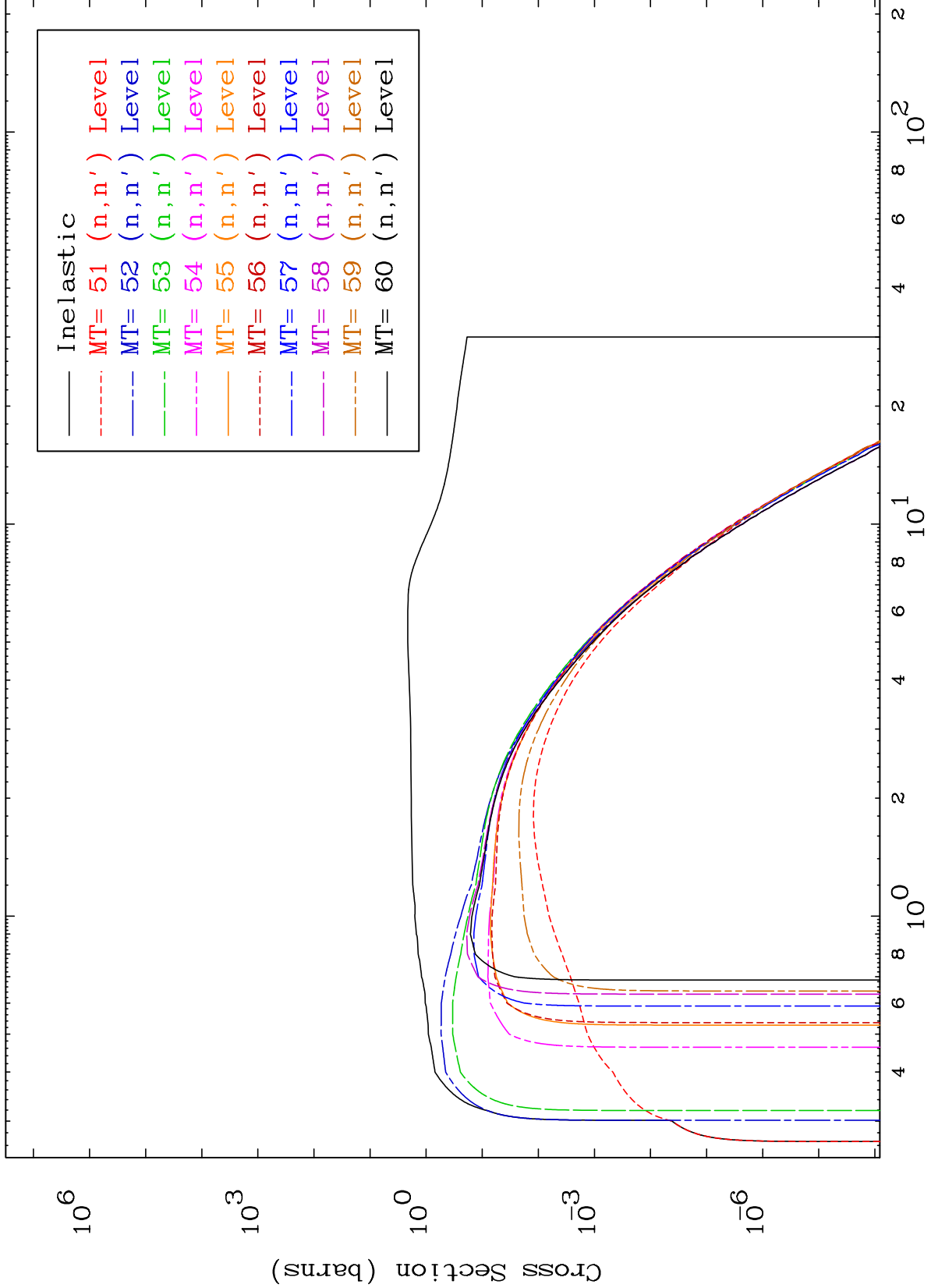


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections

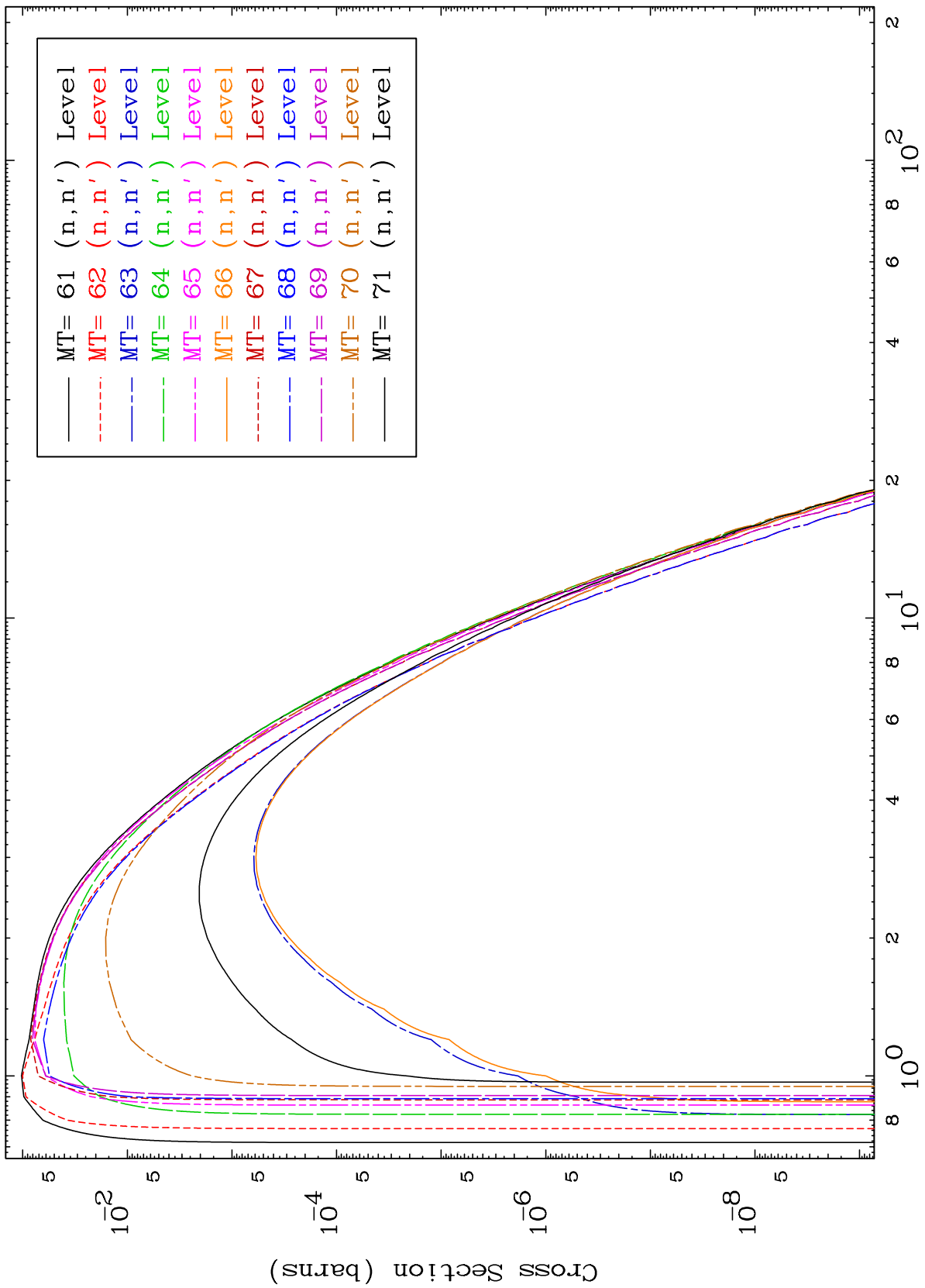


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



8

Incident Energy (MeV)

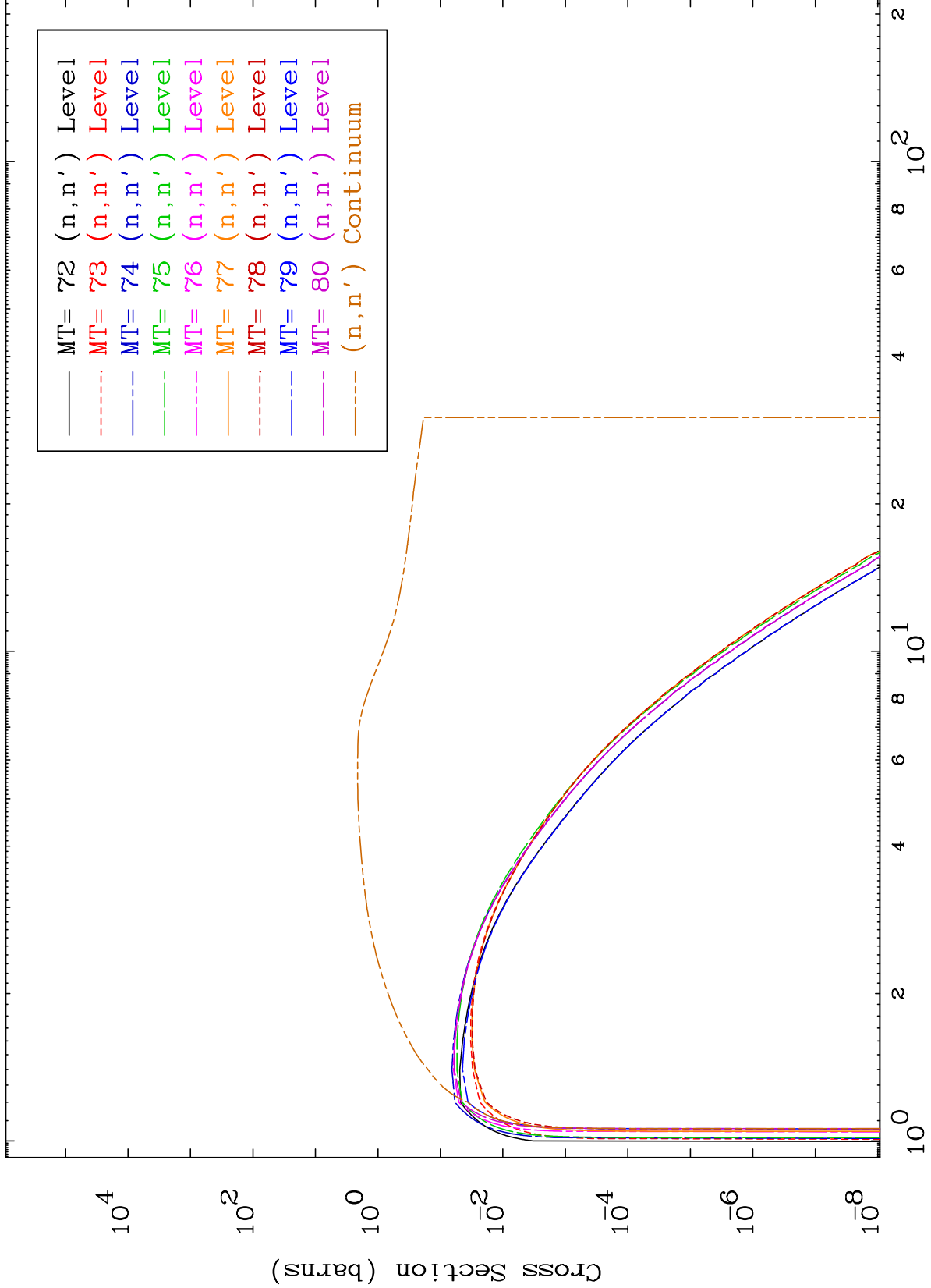
48-Cd-113

MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



Incident Energy (MeV)

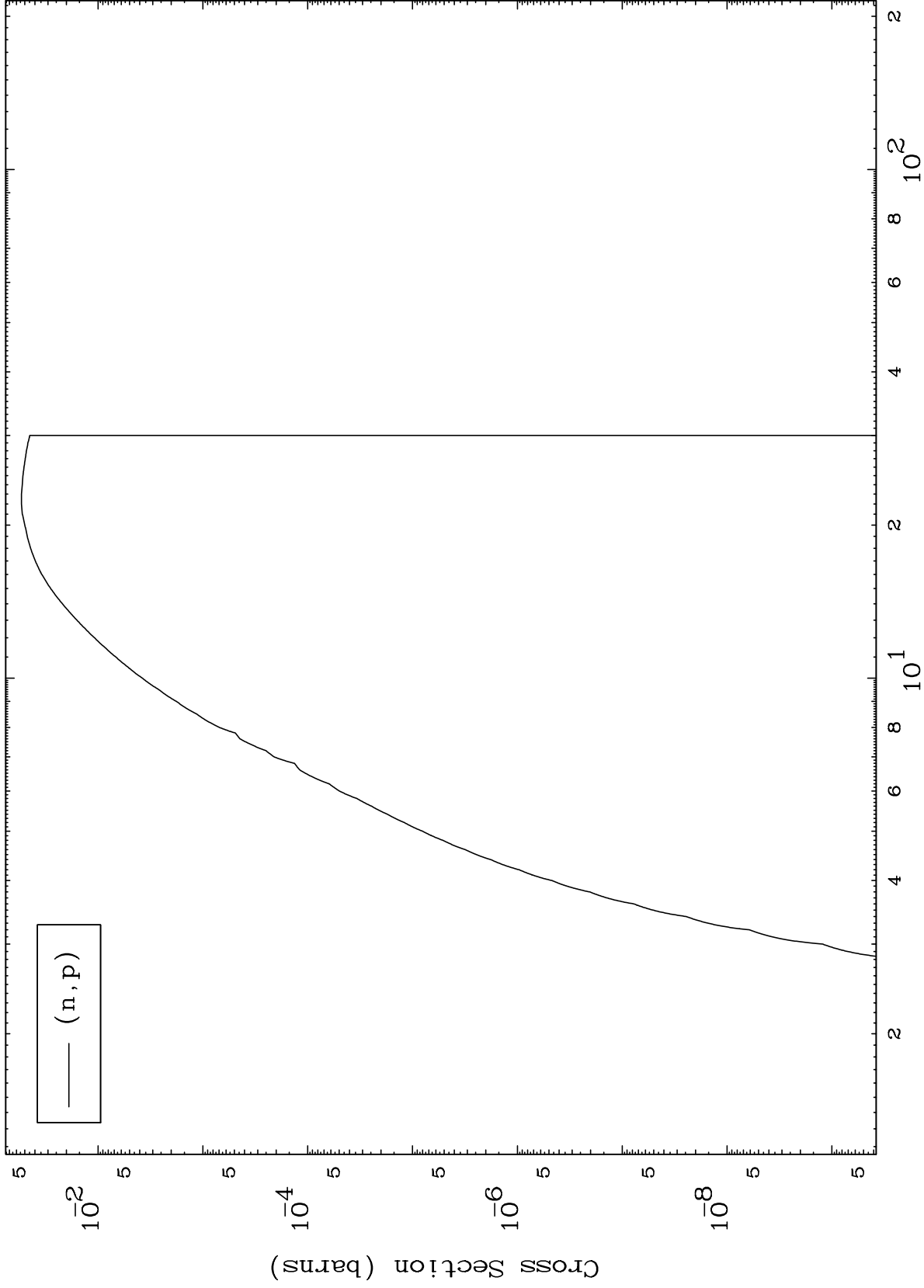
48-Cd-113

9

MAT 4846

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113



10

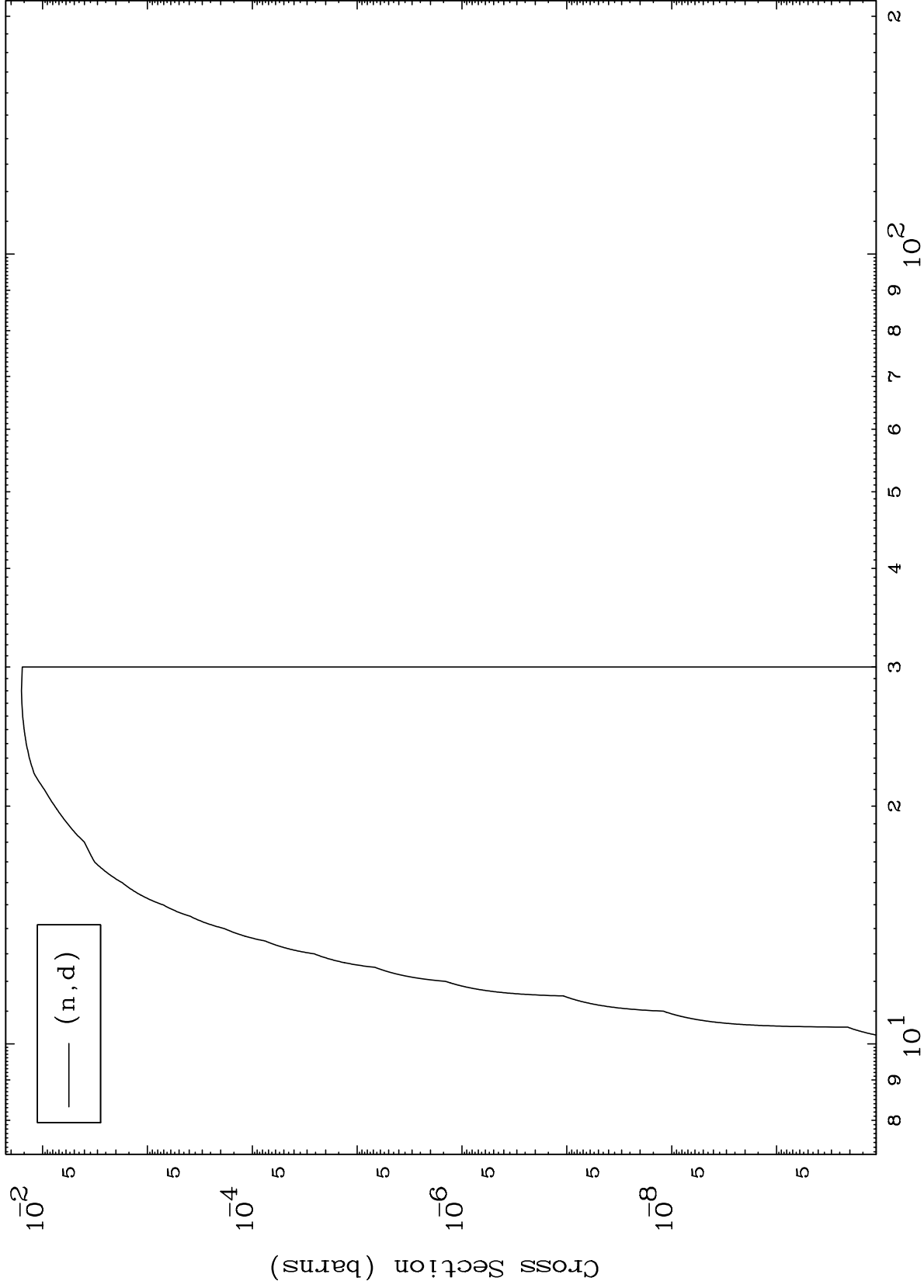
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



11

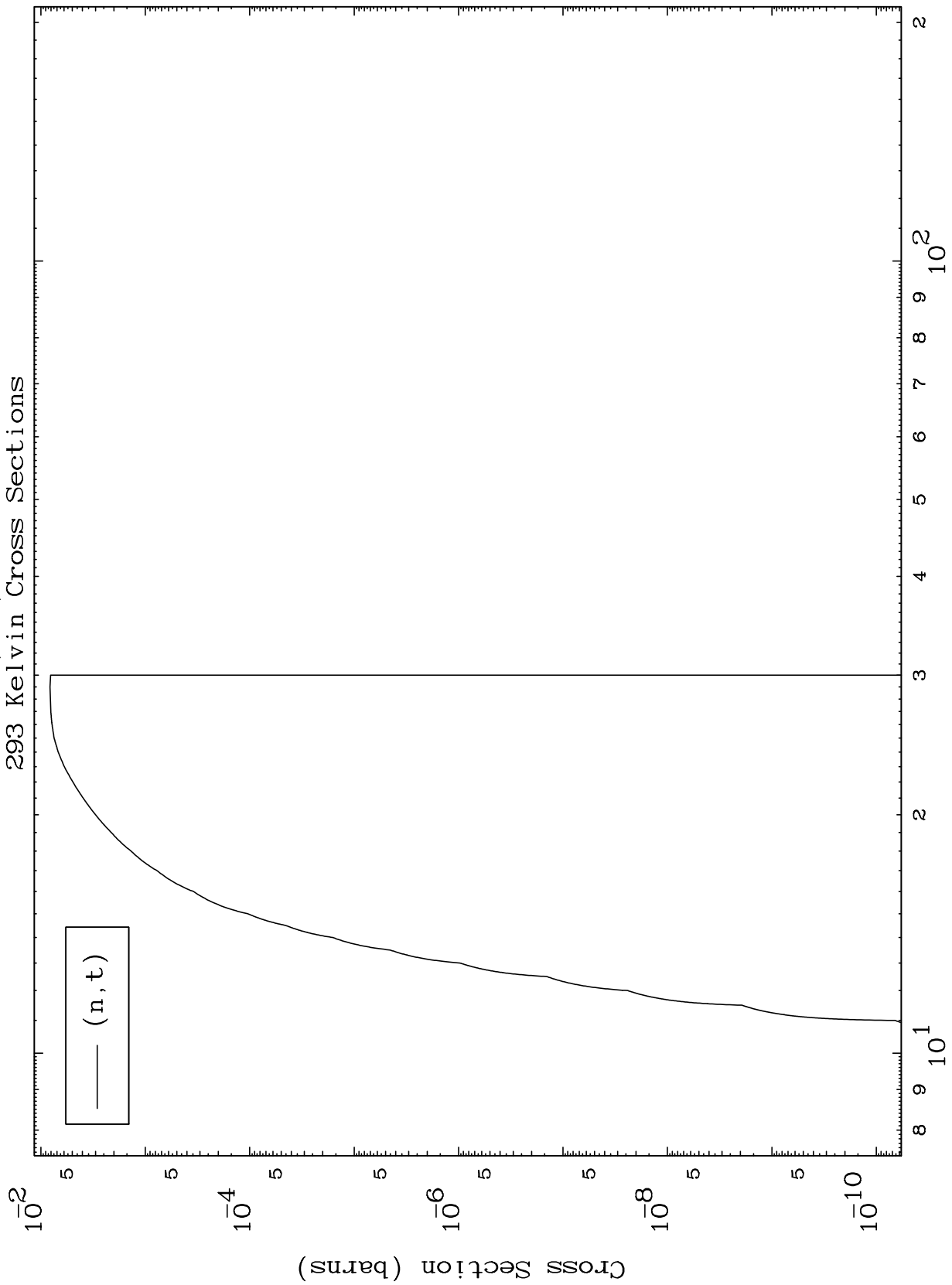
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,t) Levels
293 Kelvin Cross Sections



48-Cd-113

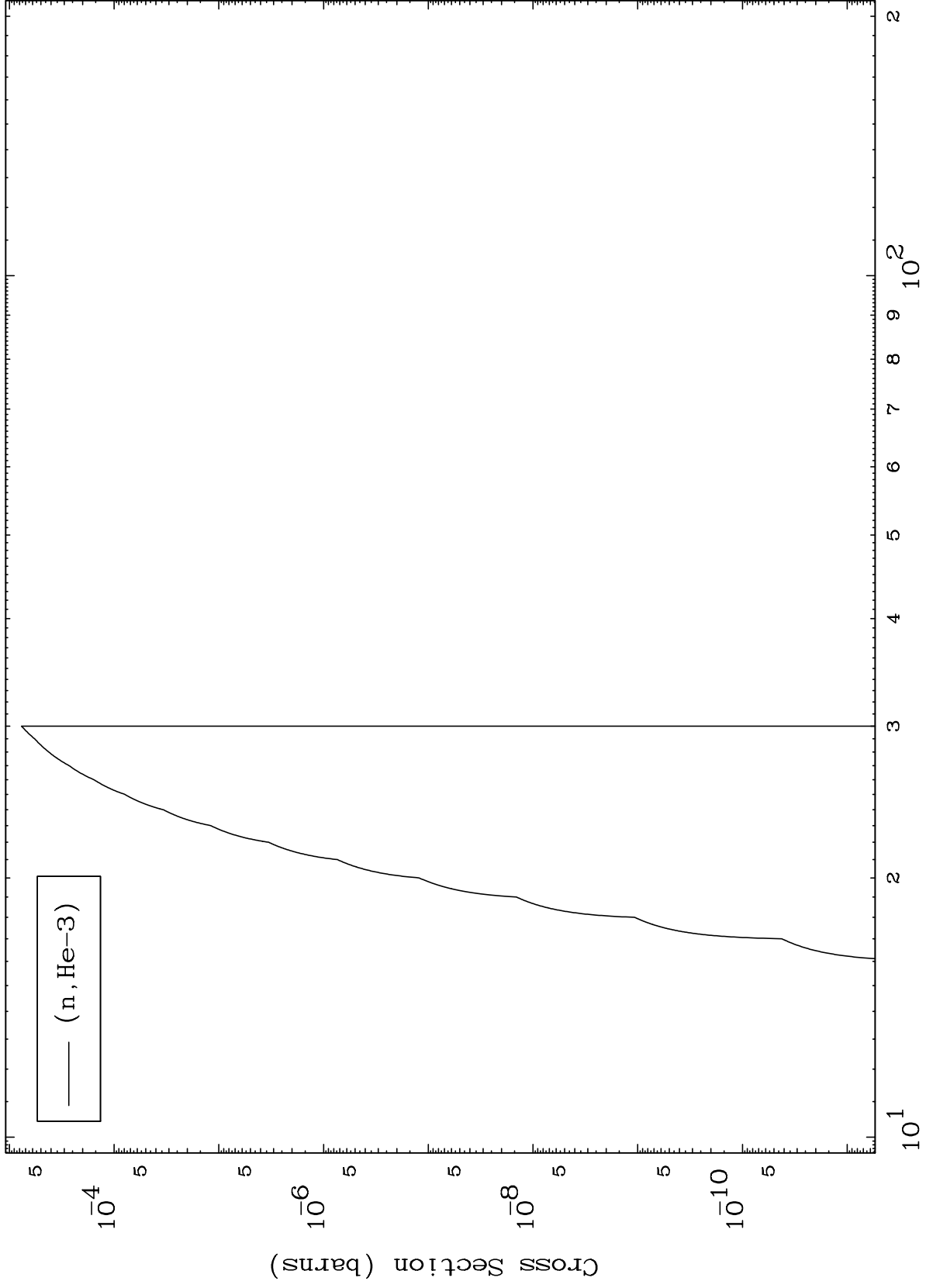
Incident Energy (MeV)

12

MAT 4846

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-113



13

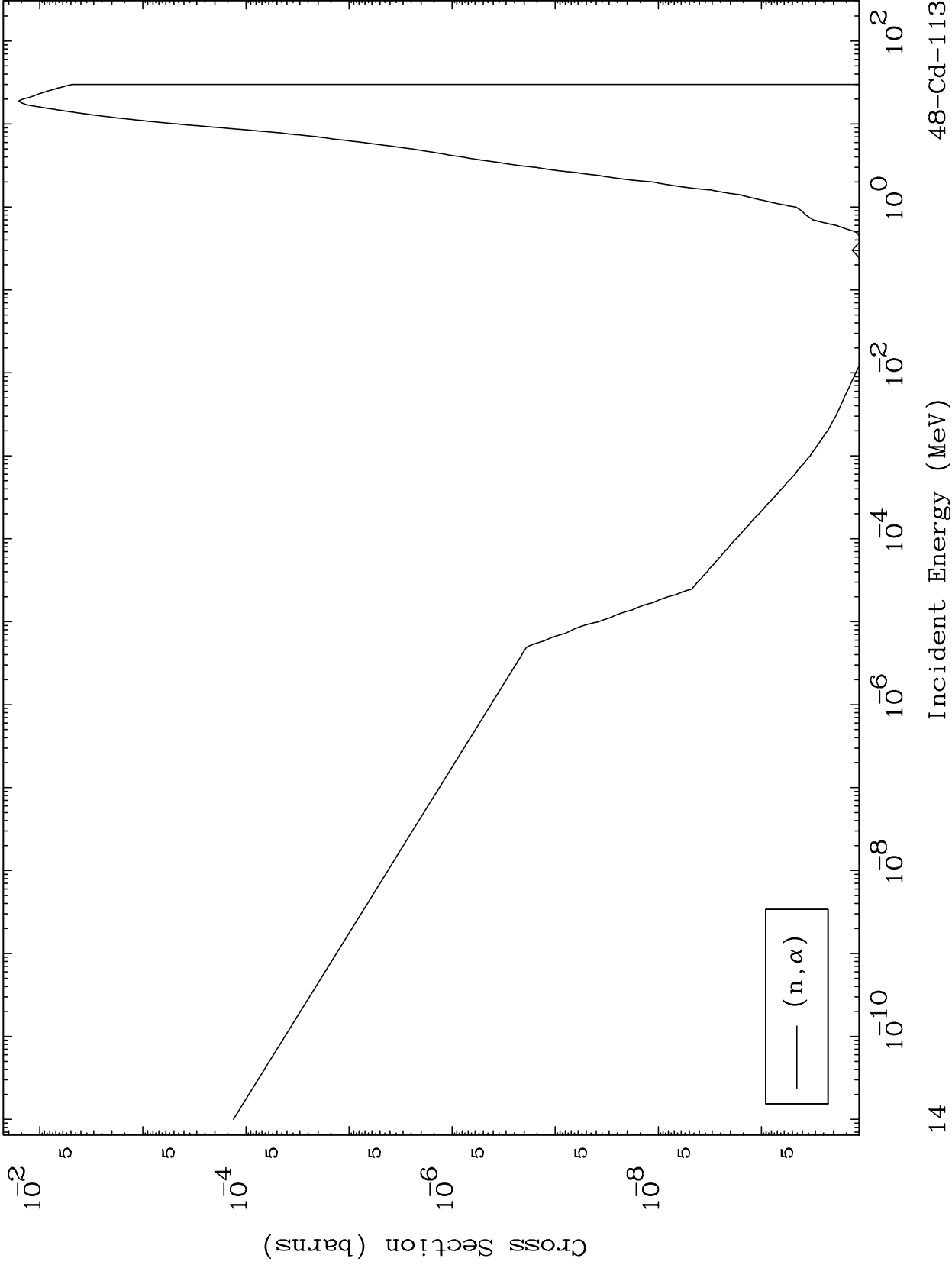
Incident Energy (MeV)

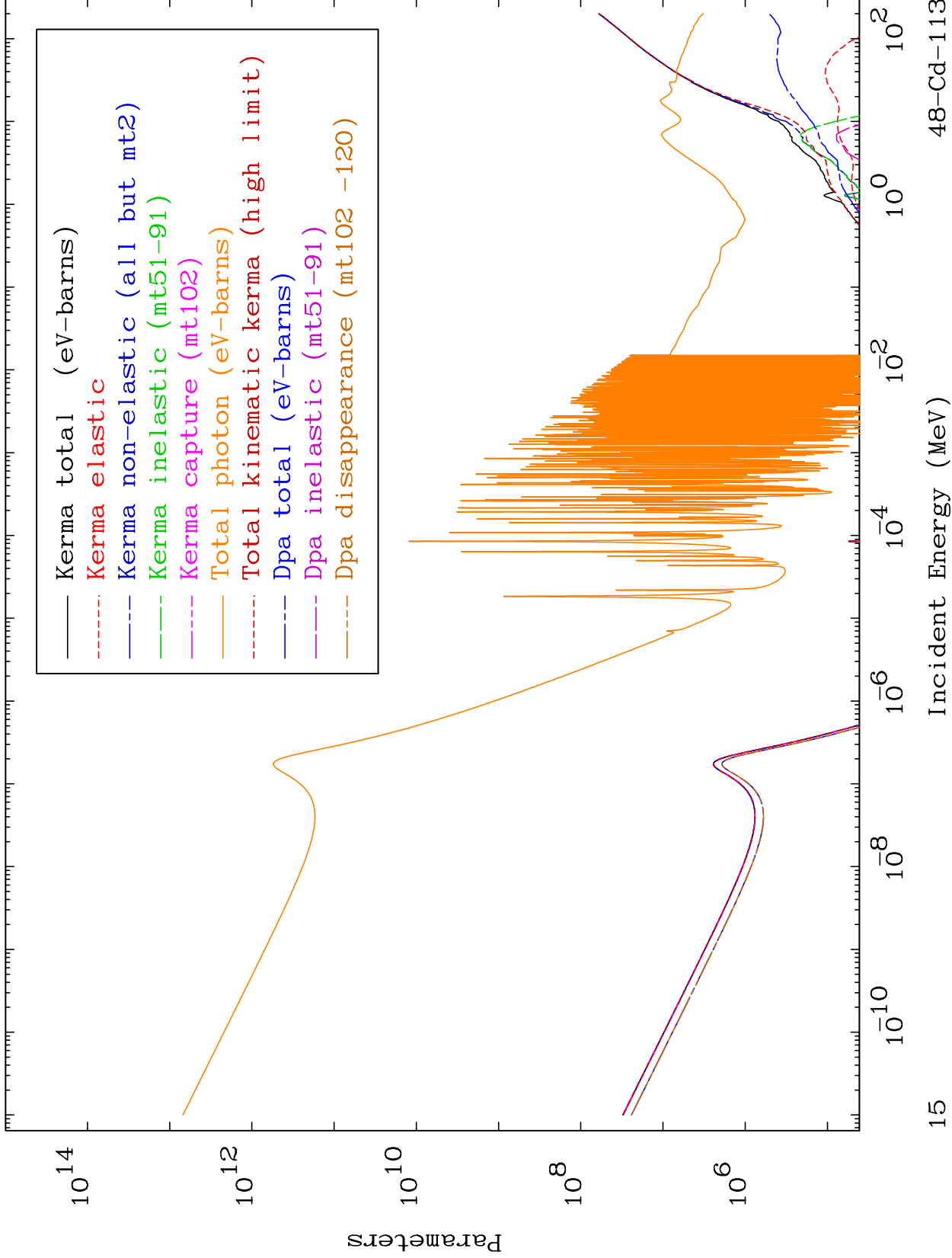
48-Cd-113

MAT 4846

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-113

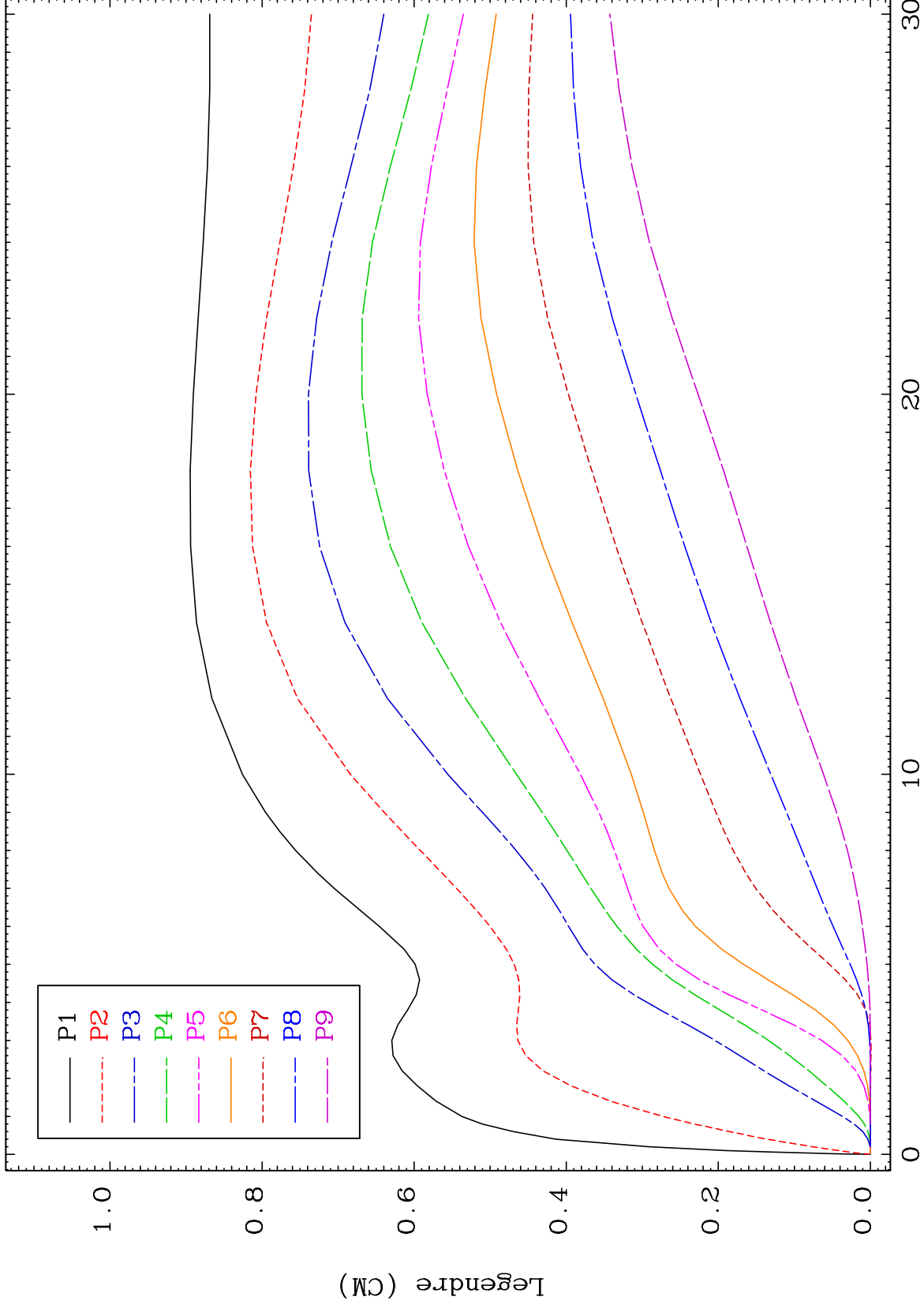




MAT 4846

Elastic Legendre Coefficients

48-Cd-113



16

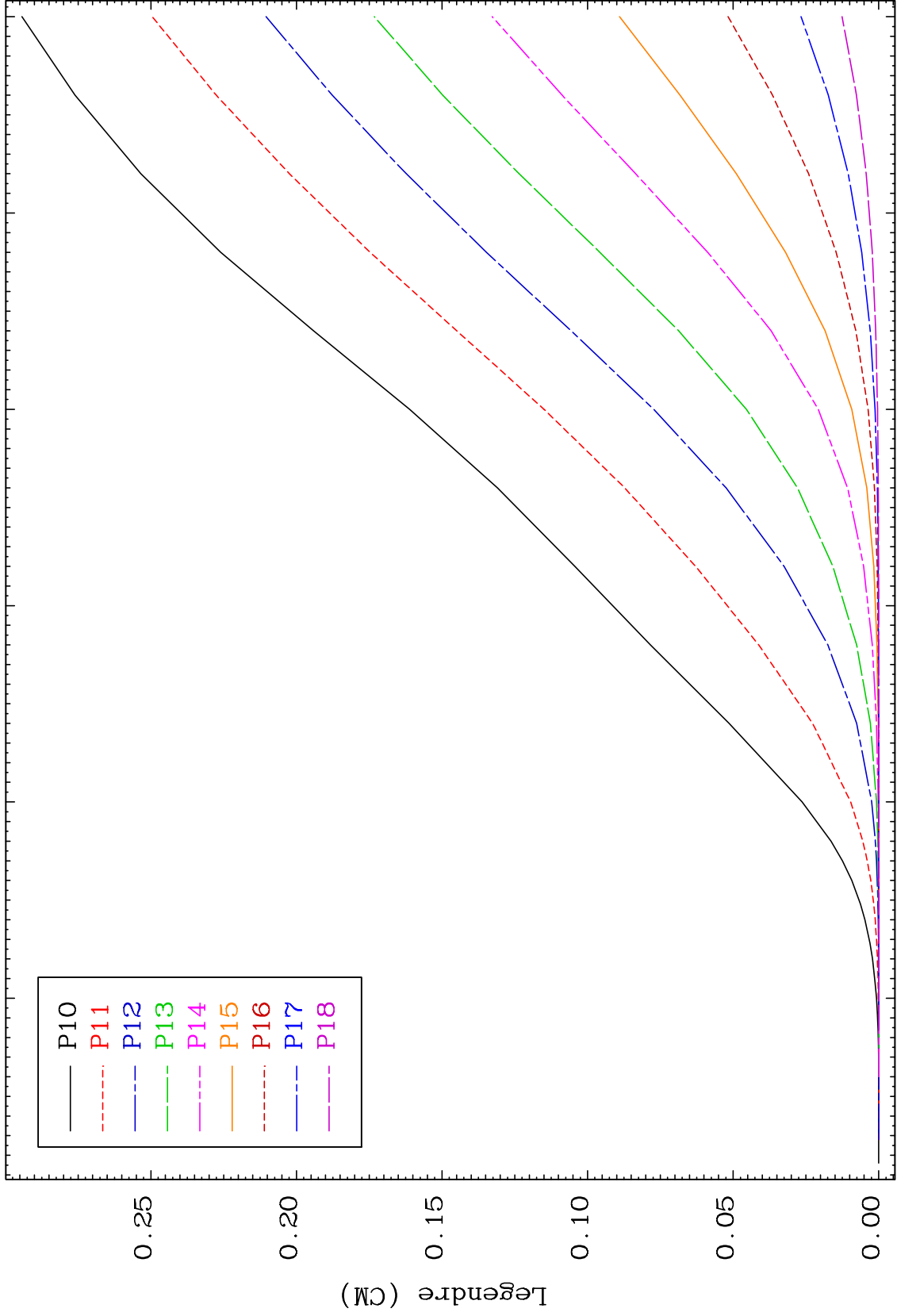
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



17

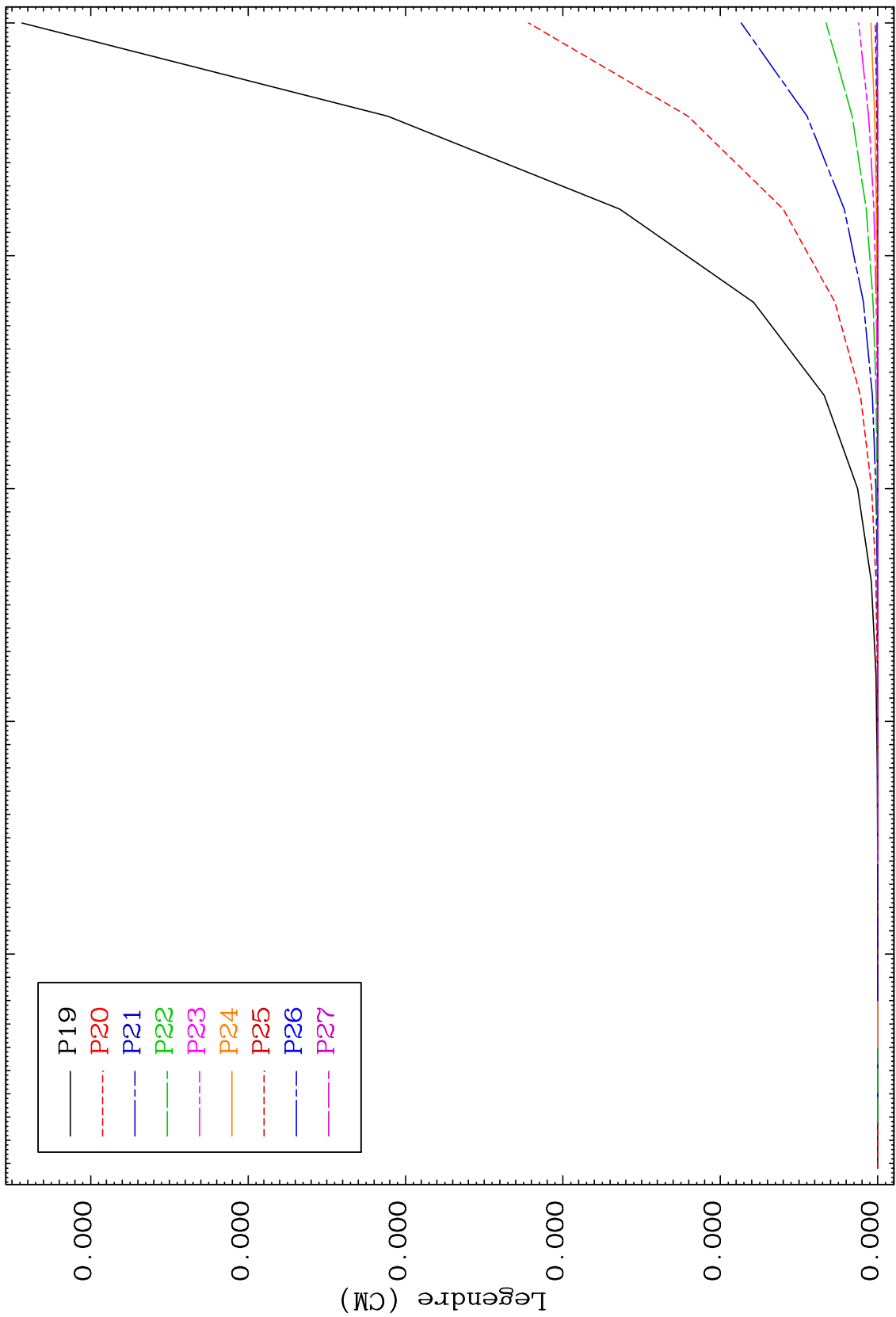
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



18

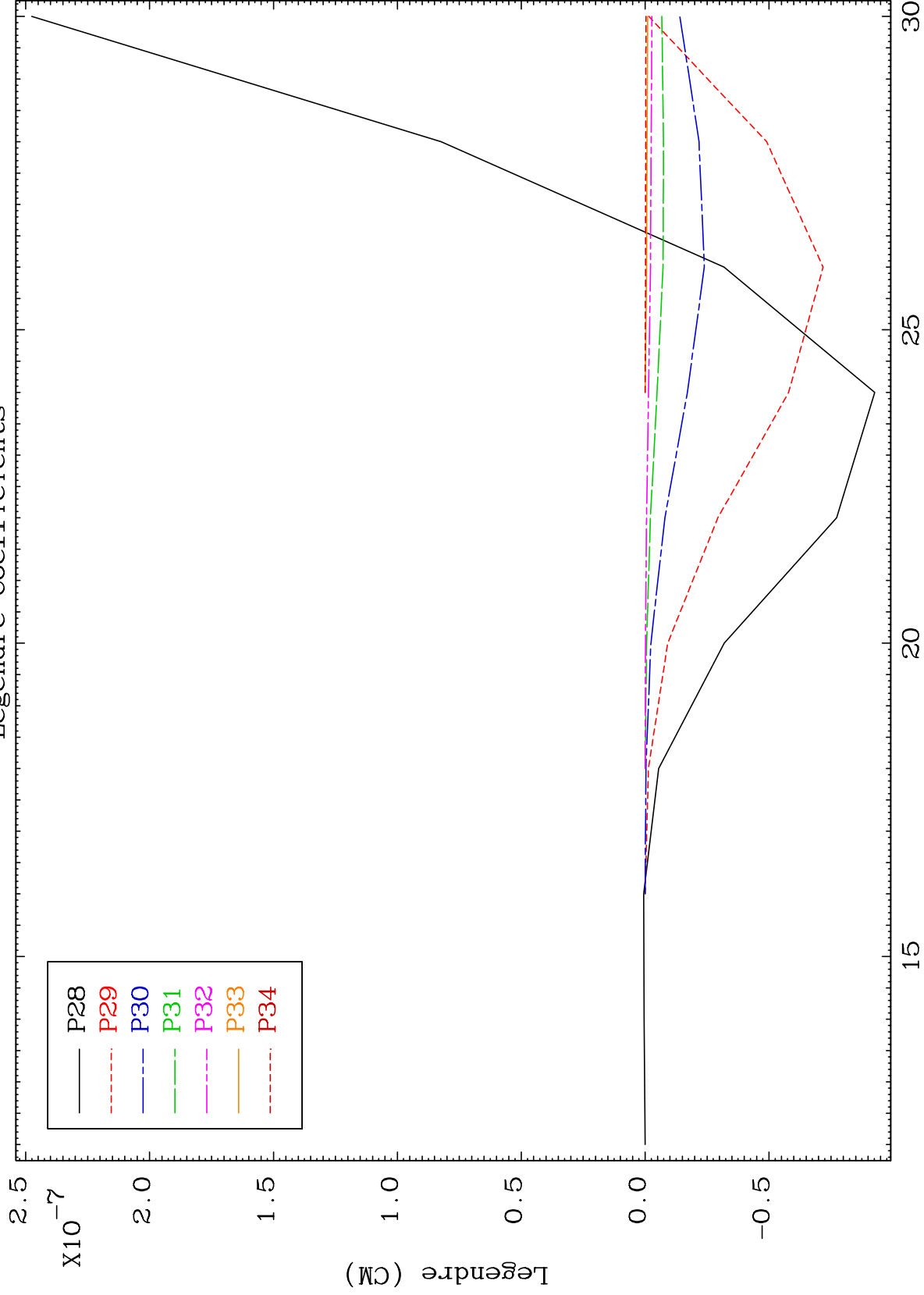
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic
Legendre Coefficients

48-Cd-113



19

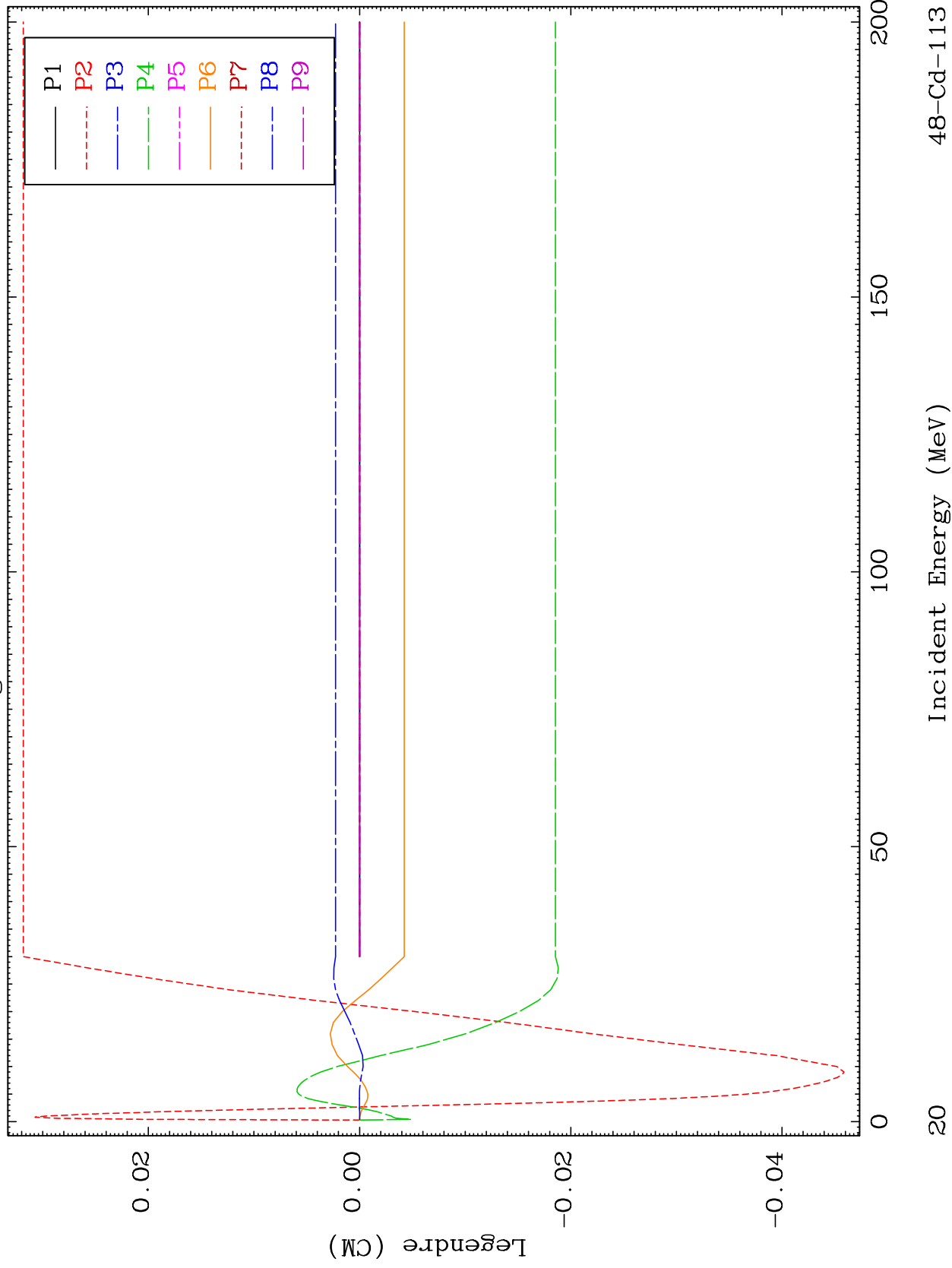
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



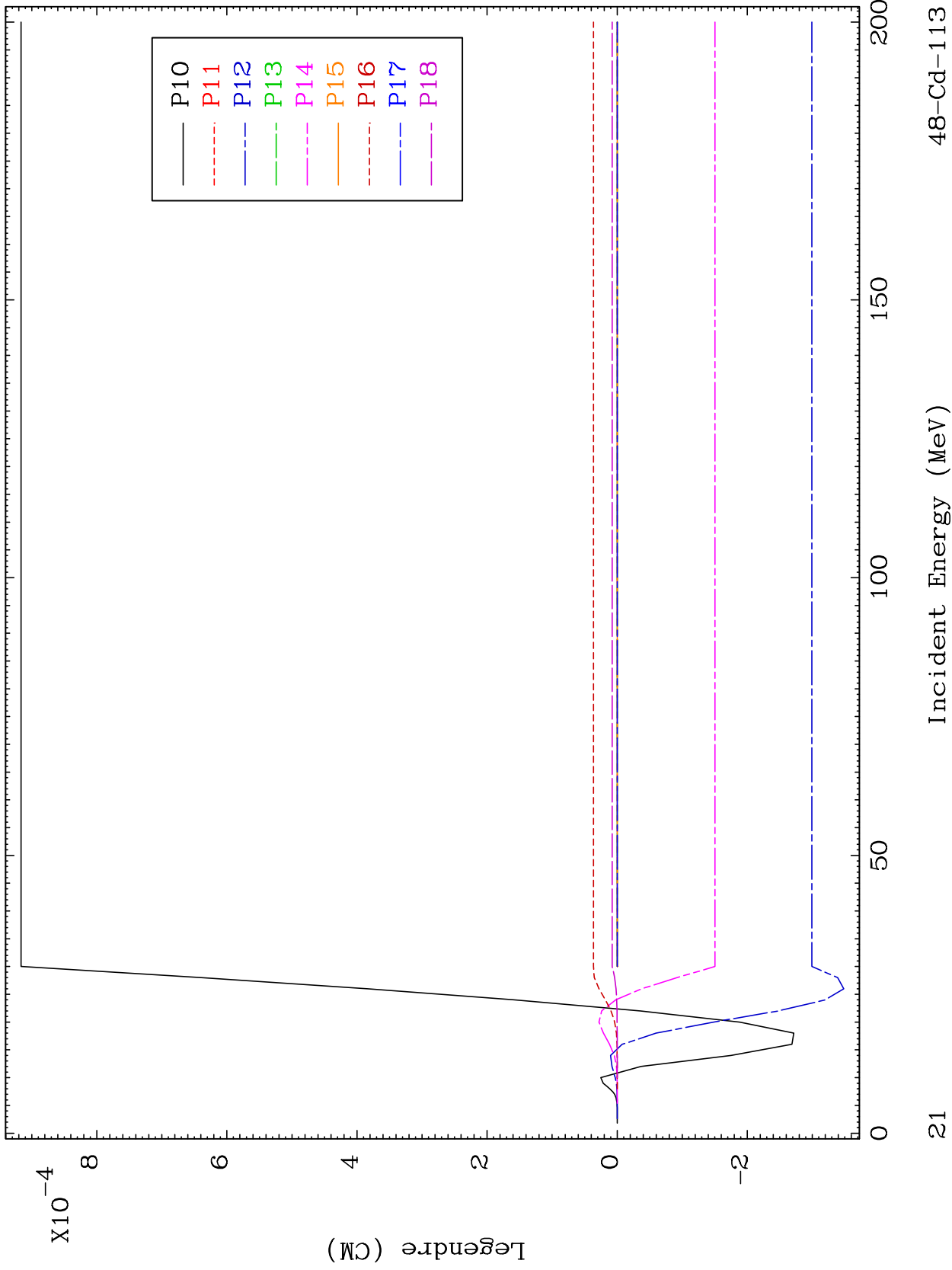
48-Cd-113

Incident Energy (MeV)

MAT 4846

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

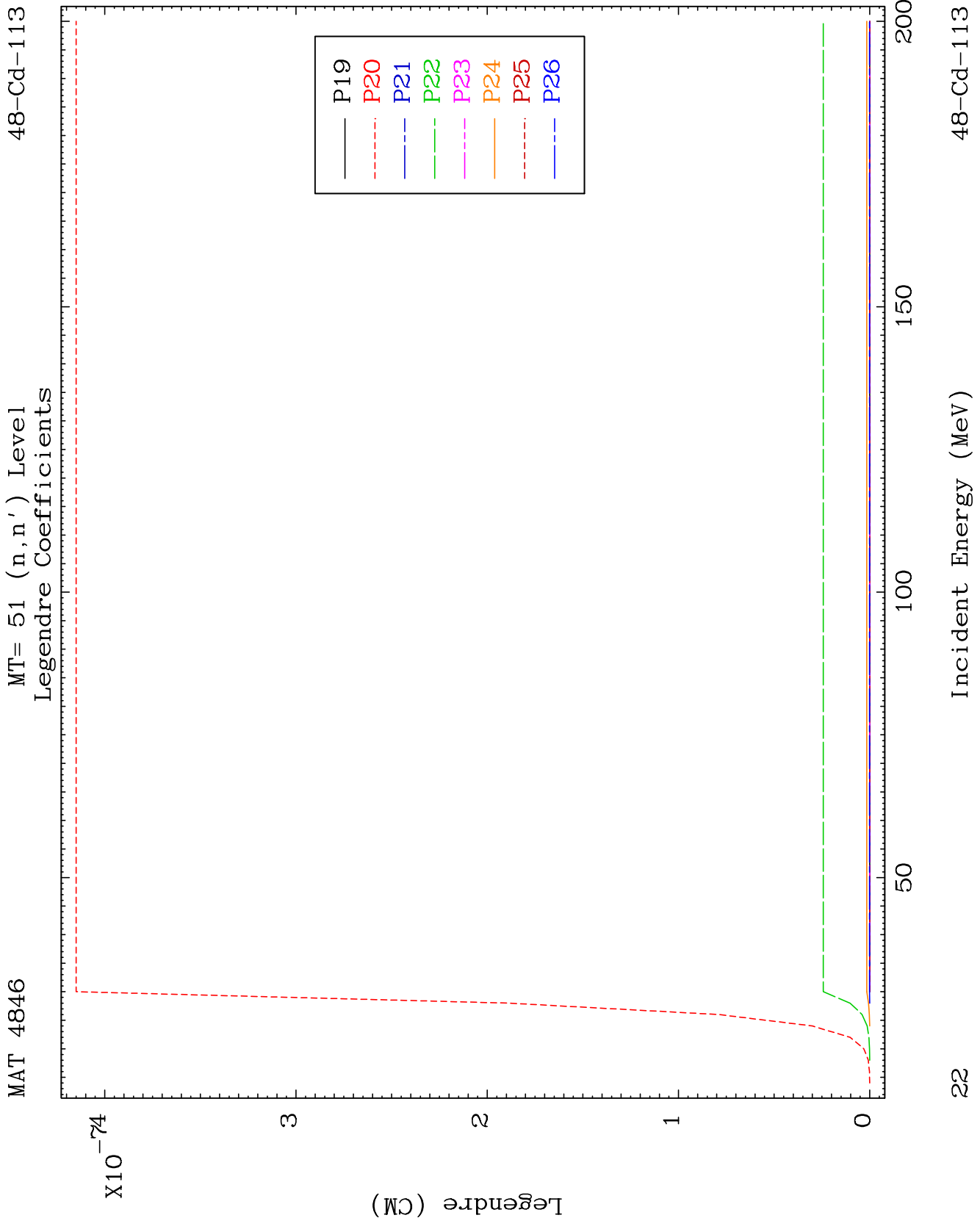
48-Cd-113



21

Incident Energy (MeV)

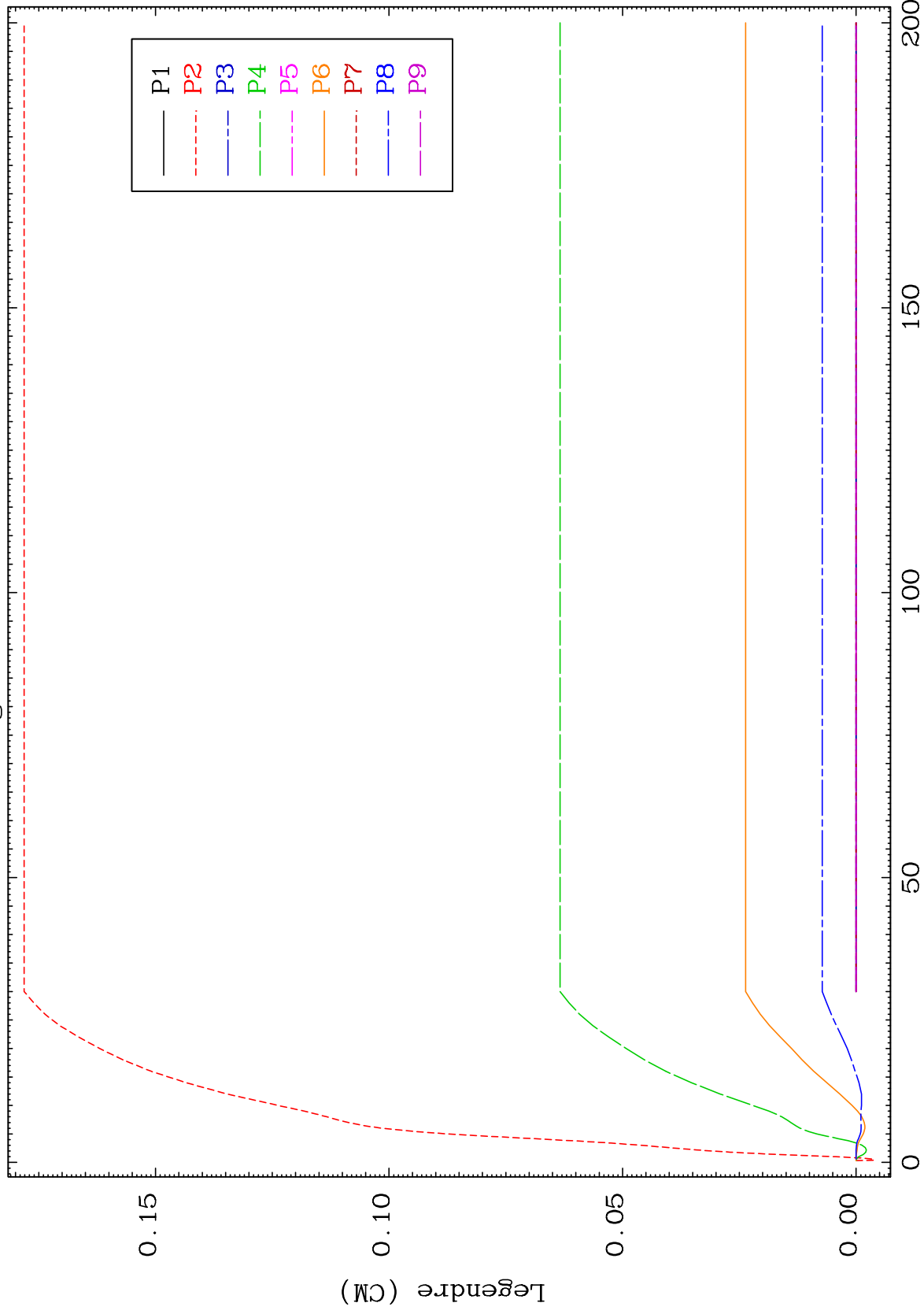
48-Cd-113



MAT 4846

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

48-Cd-113



23

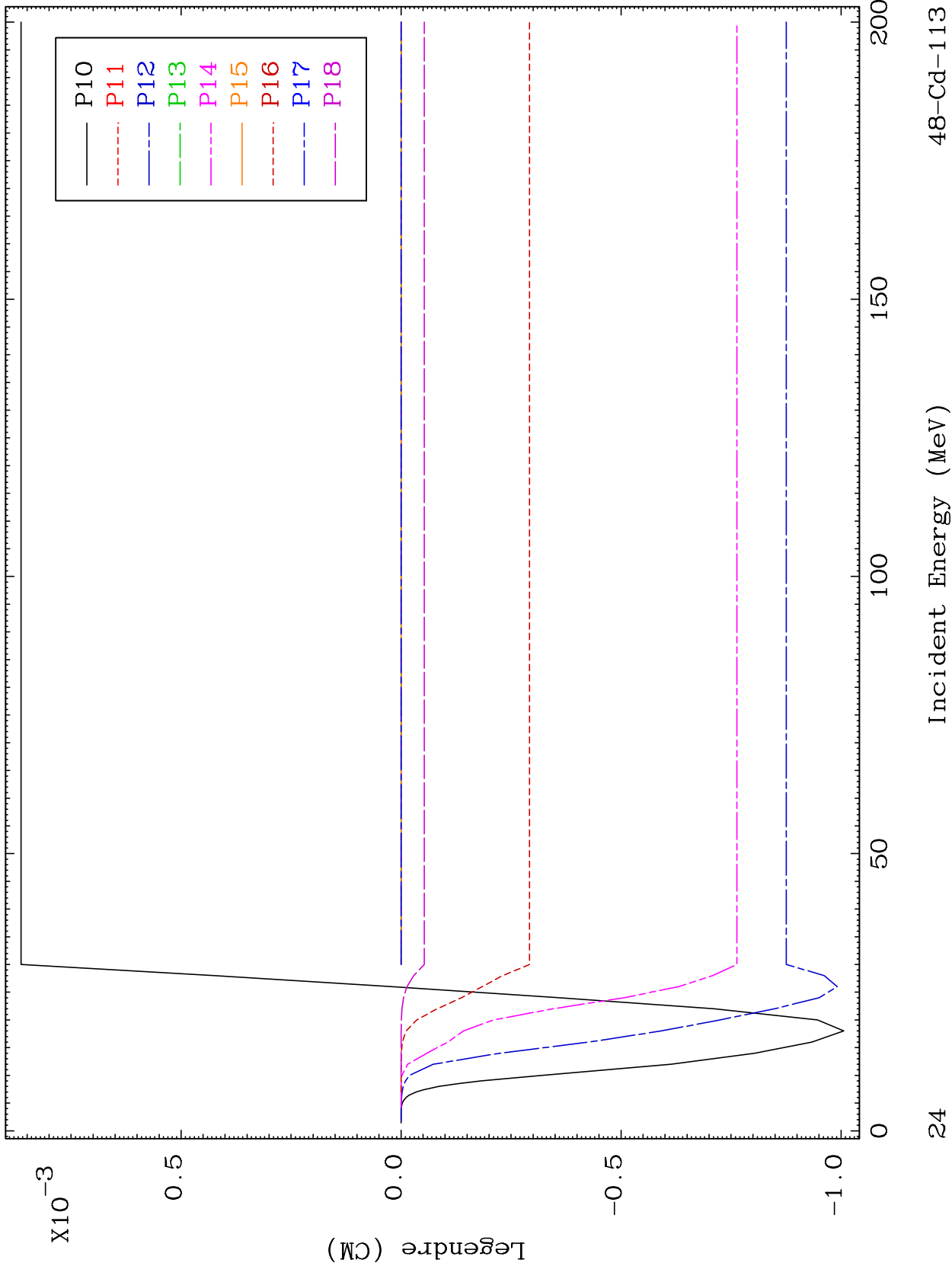
Incident Energy (MeV)

48-Cd-113

MAT 4846

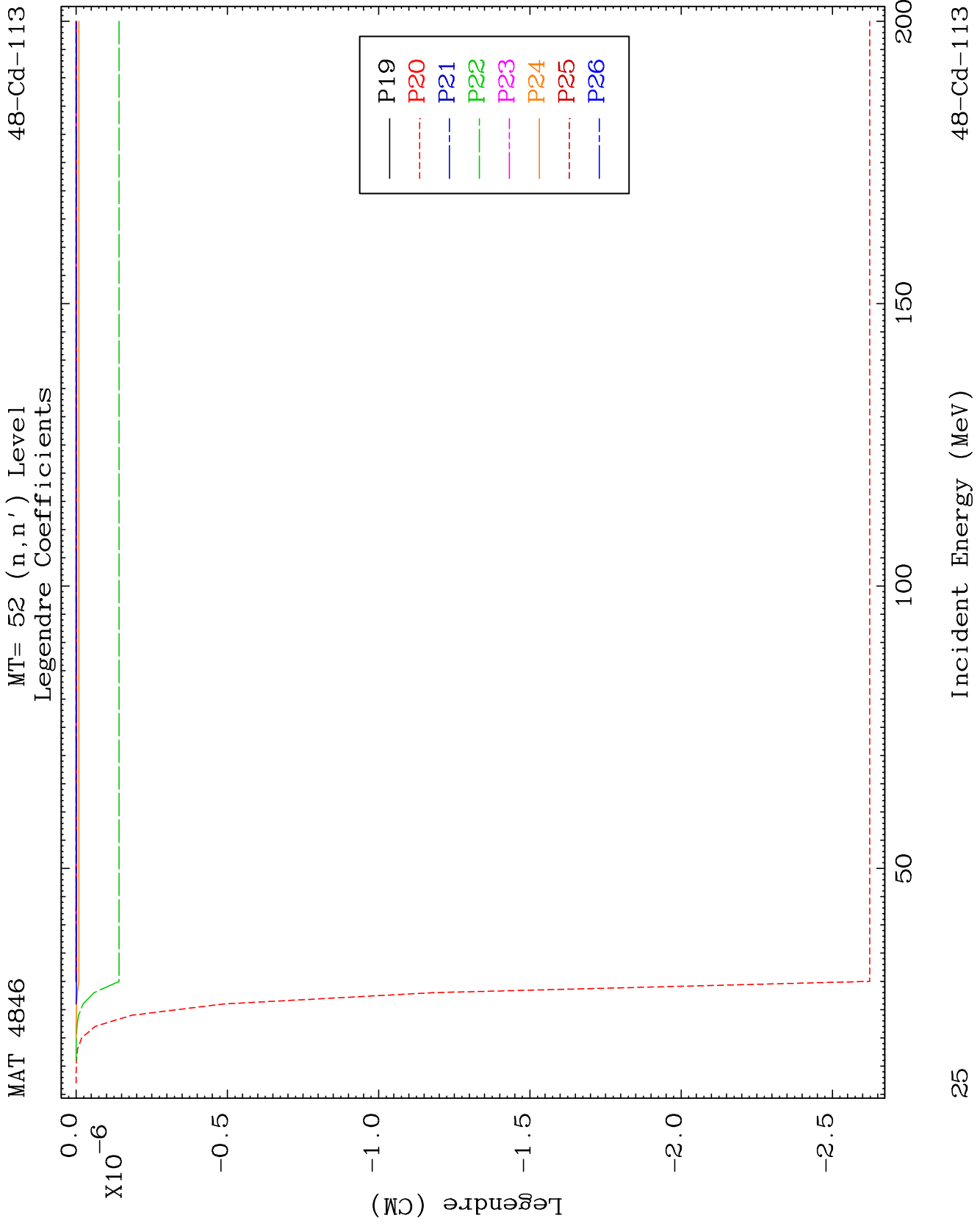
MT= 52 (n,n') Level
Legendre Coefficients

48-Cd-113



24

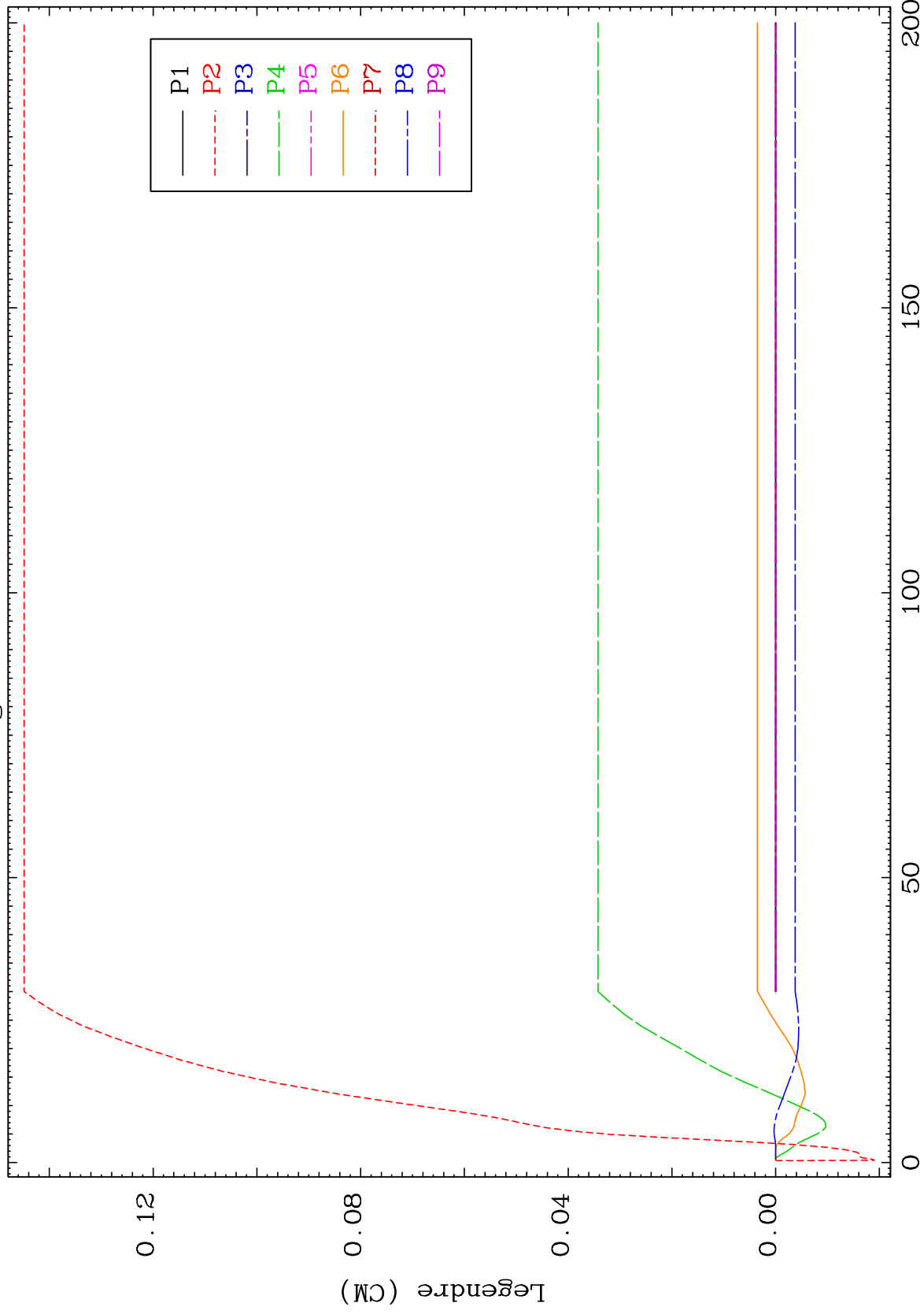
48-Cd-113



MAT 4846

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

48-Cd-113



26

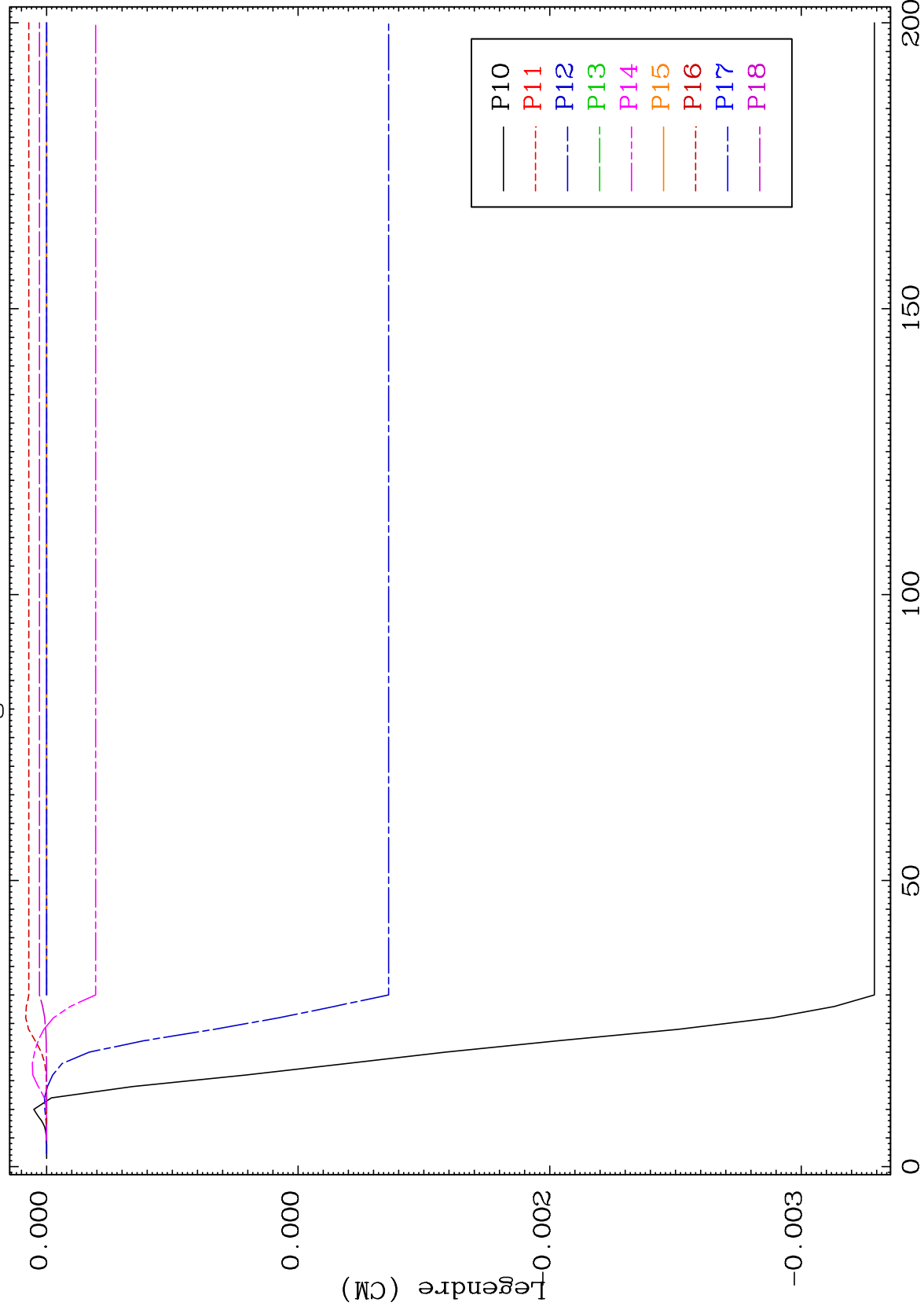
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



27

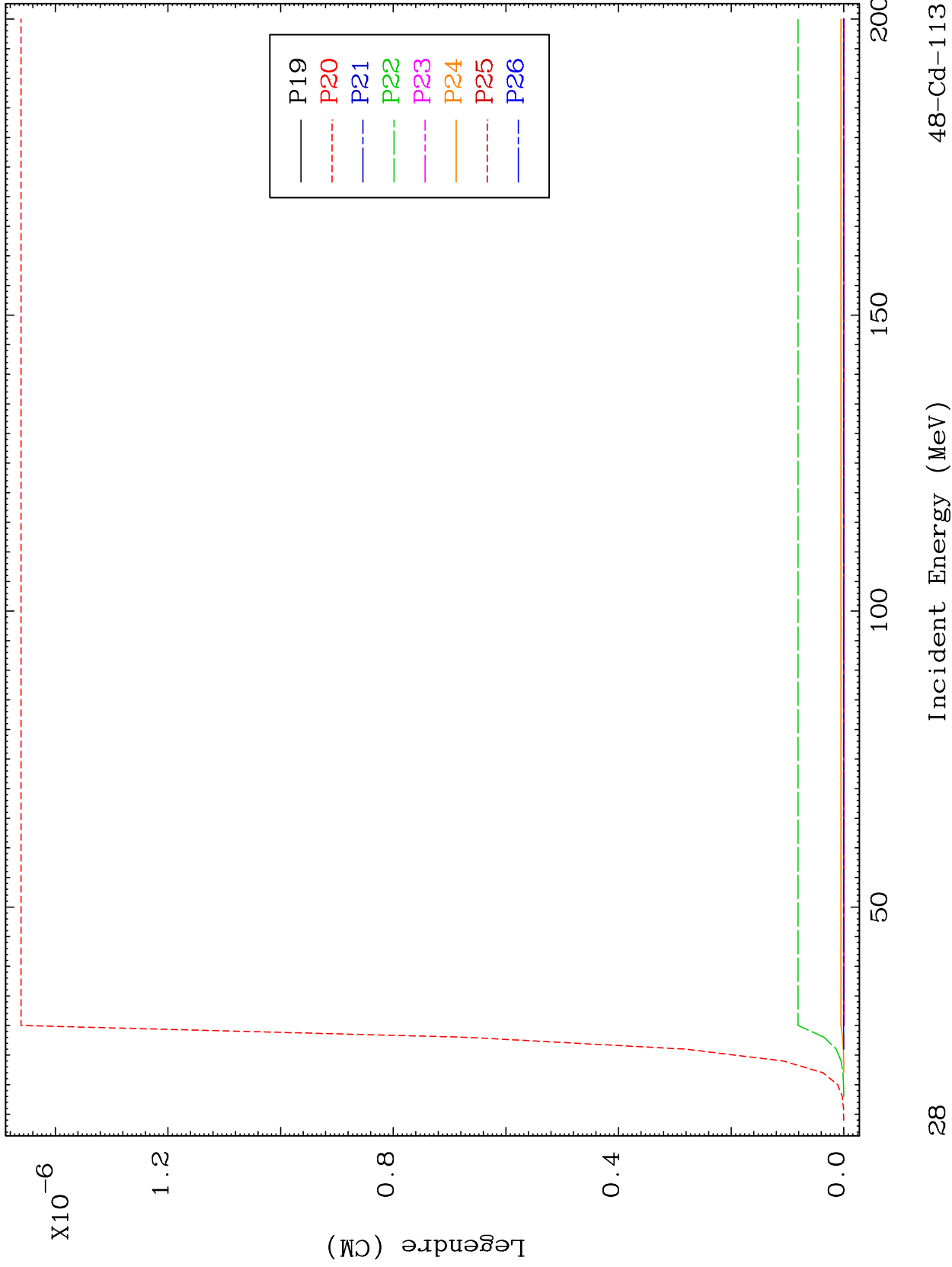
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

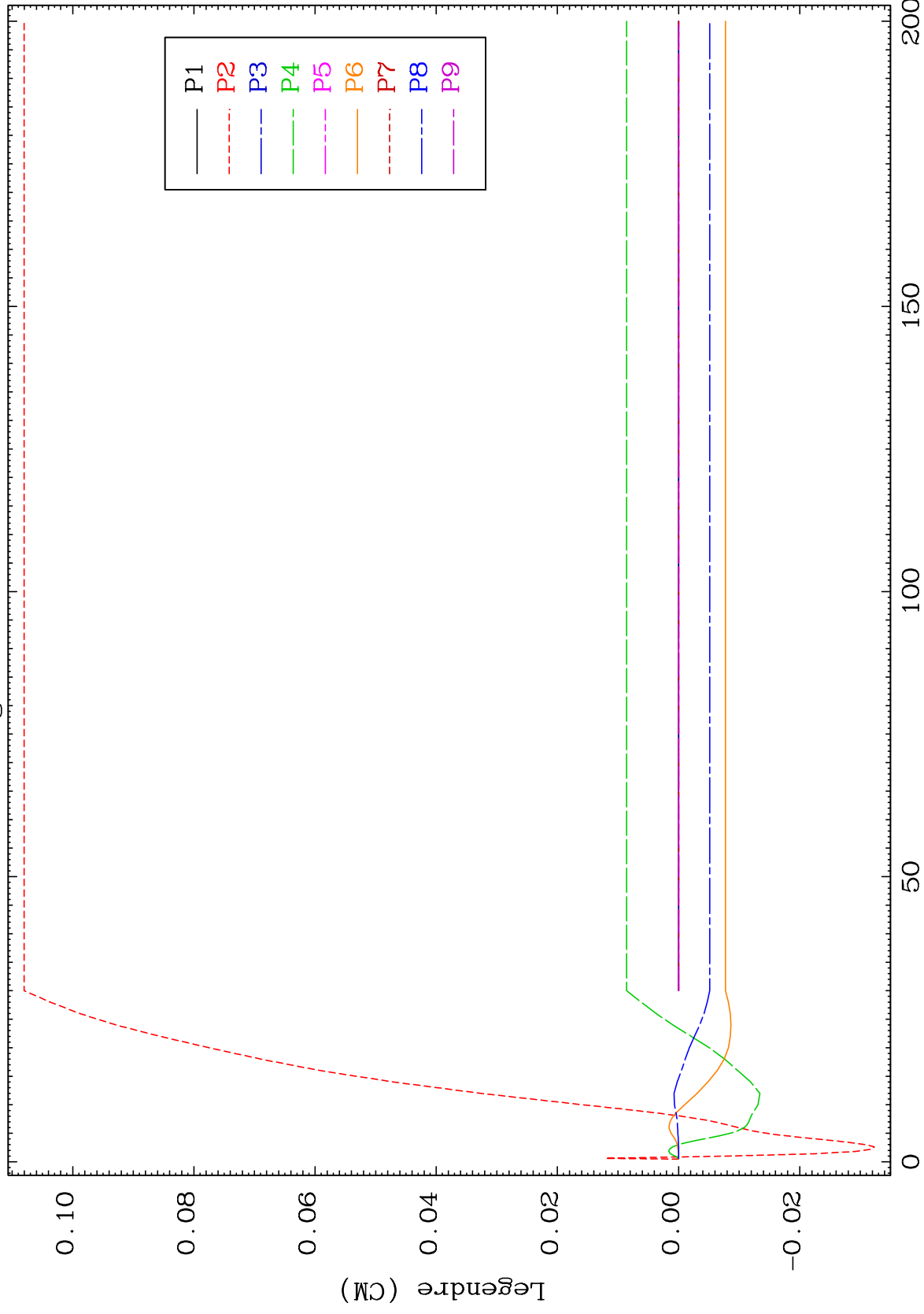
48-Cd-113



MAT 4846

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

48-Cd-113



29

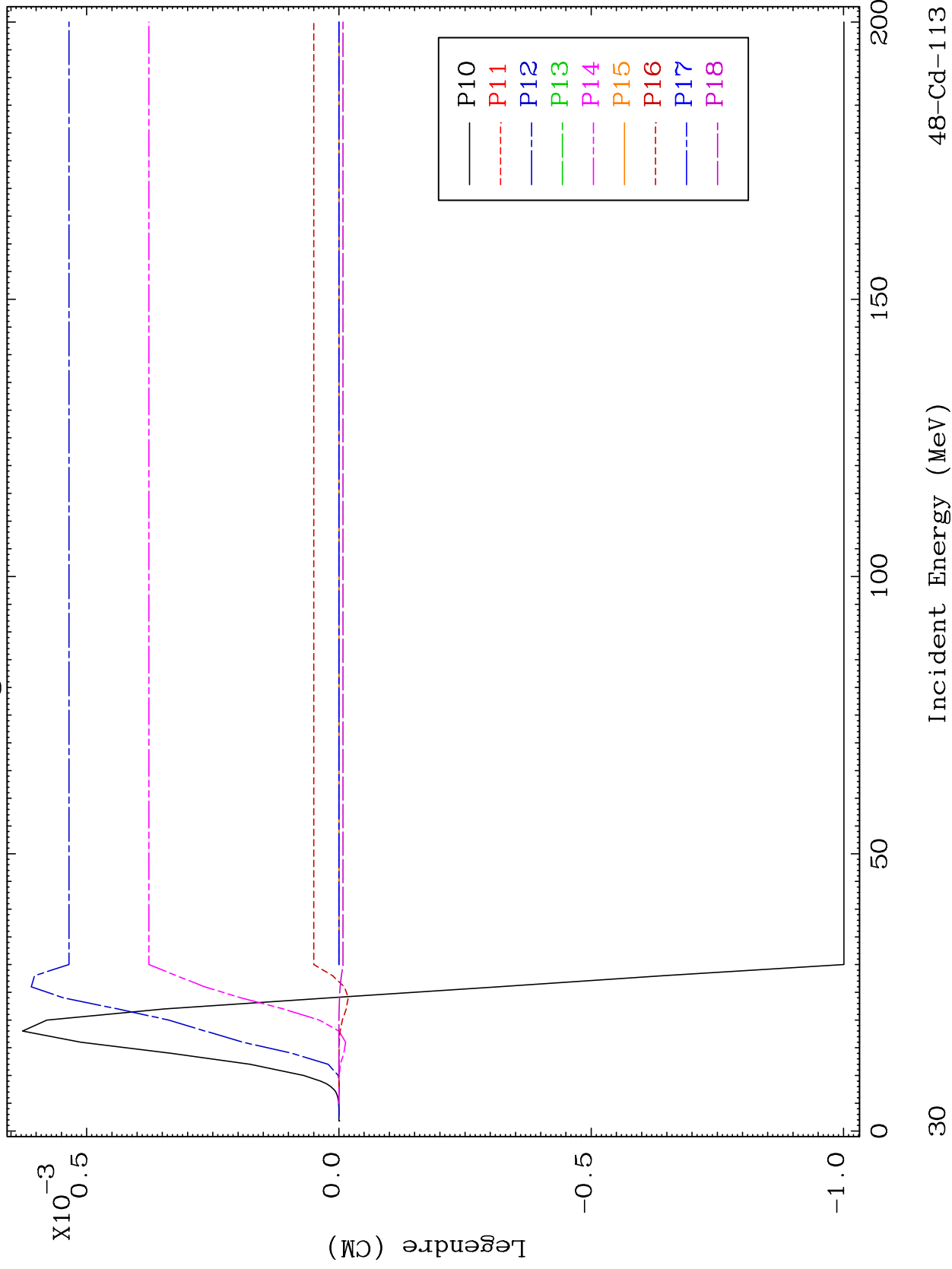
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

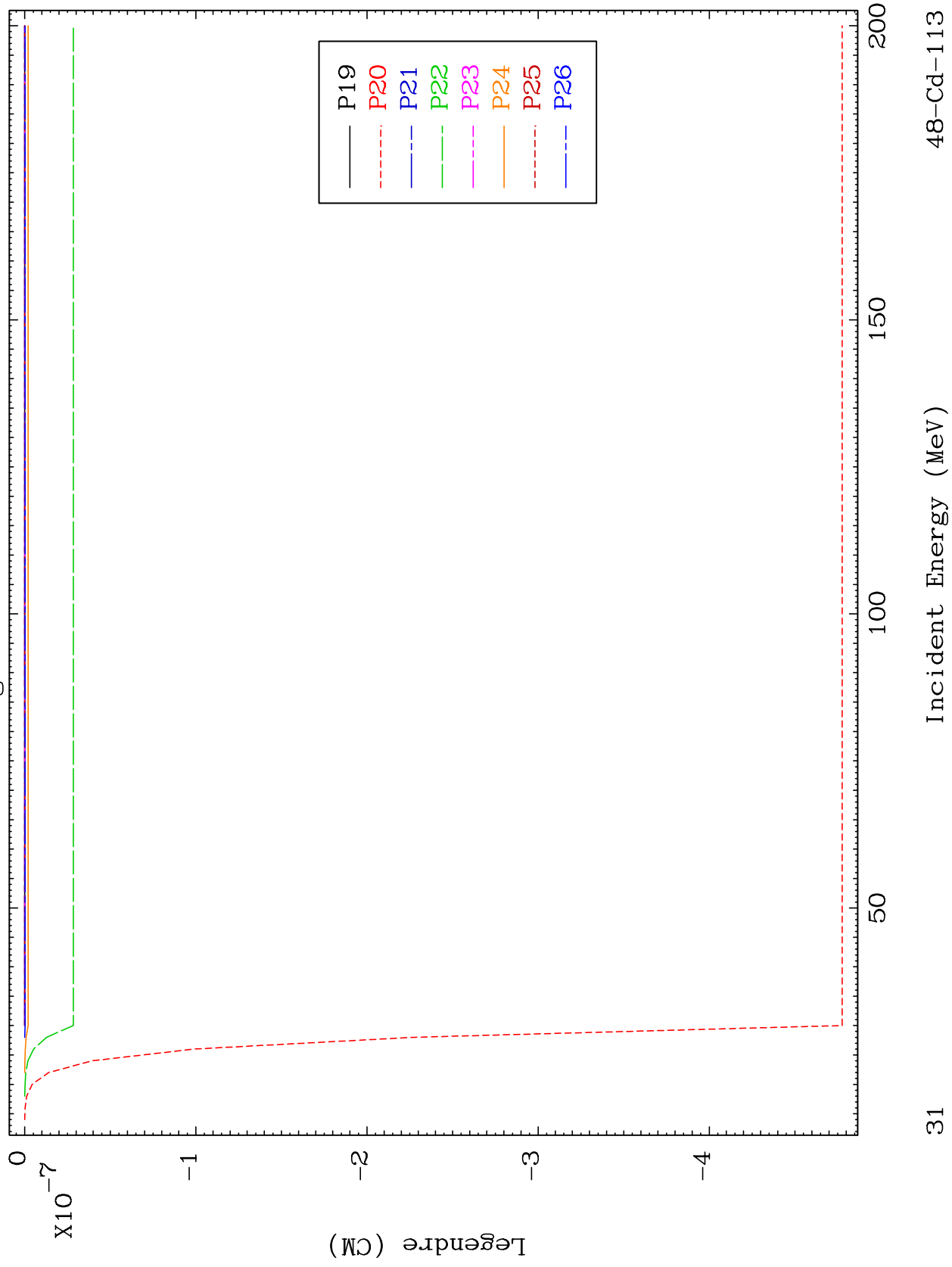
Incident Energy (MeV)

30

MAT 4846

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

48-Cd-113



31

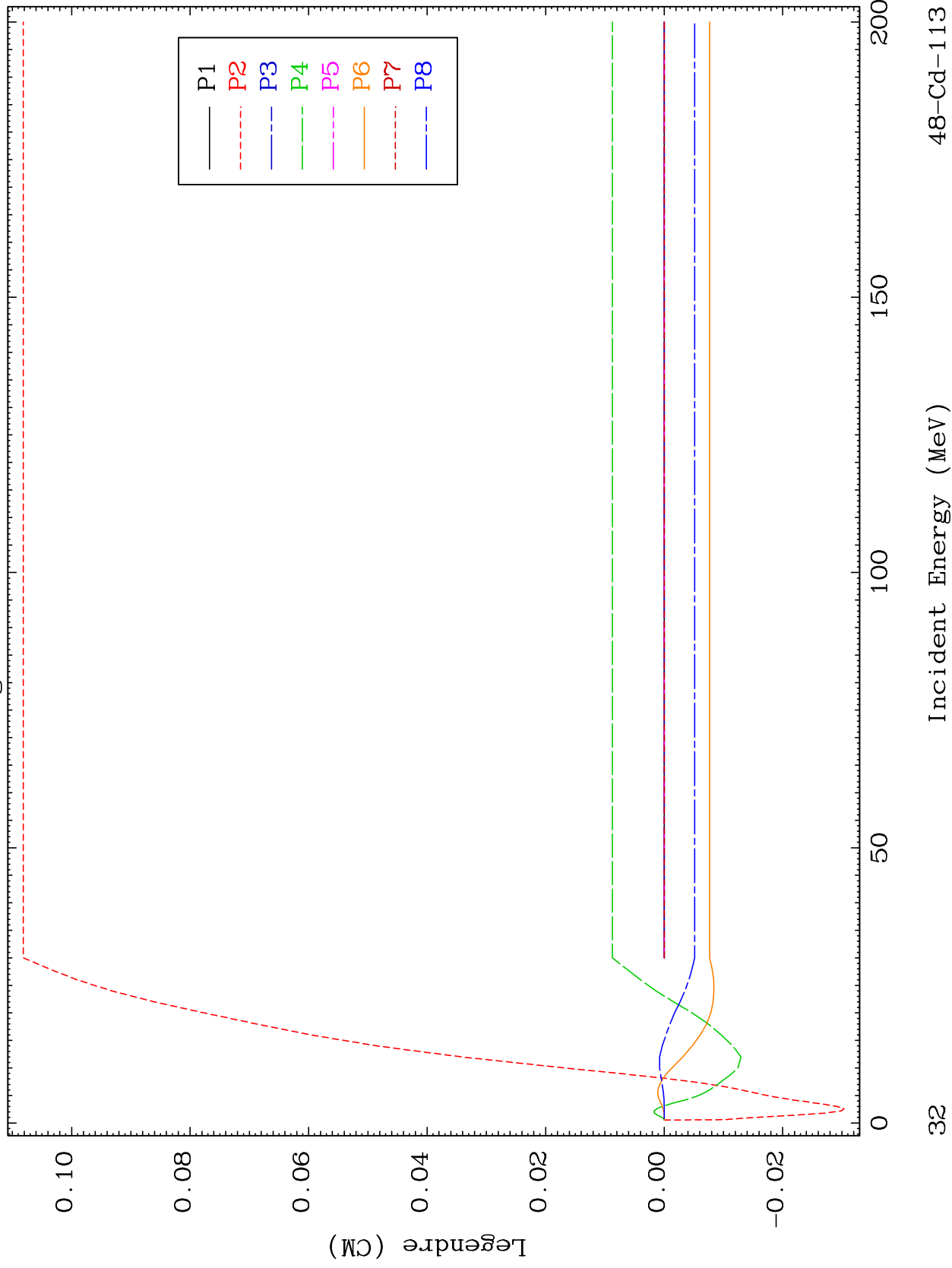
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

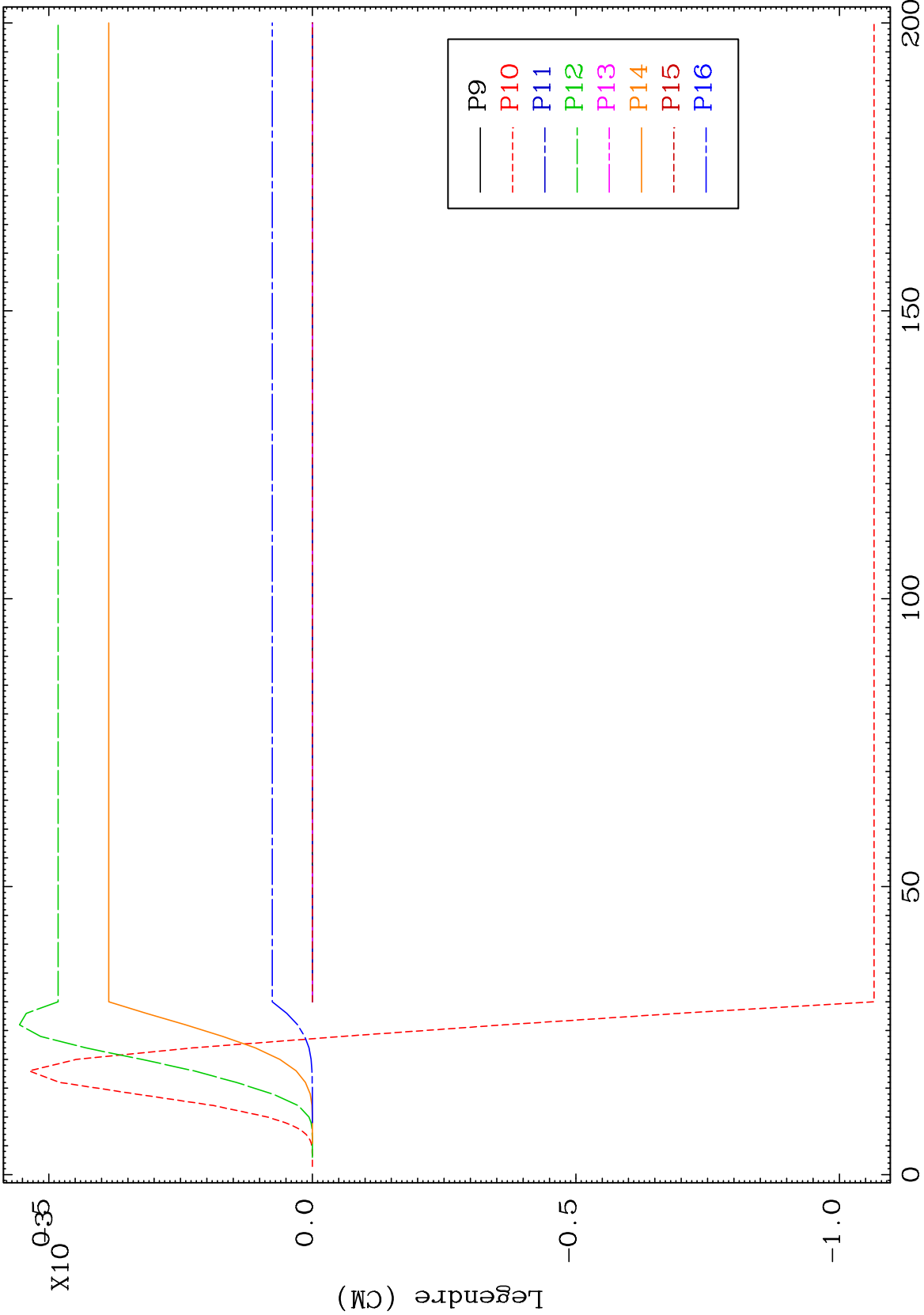
Incident Energy (MeV)

32

MAT 4846

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

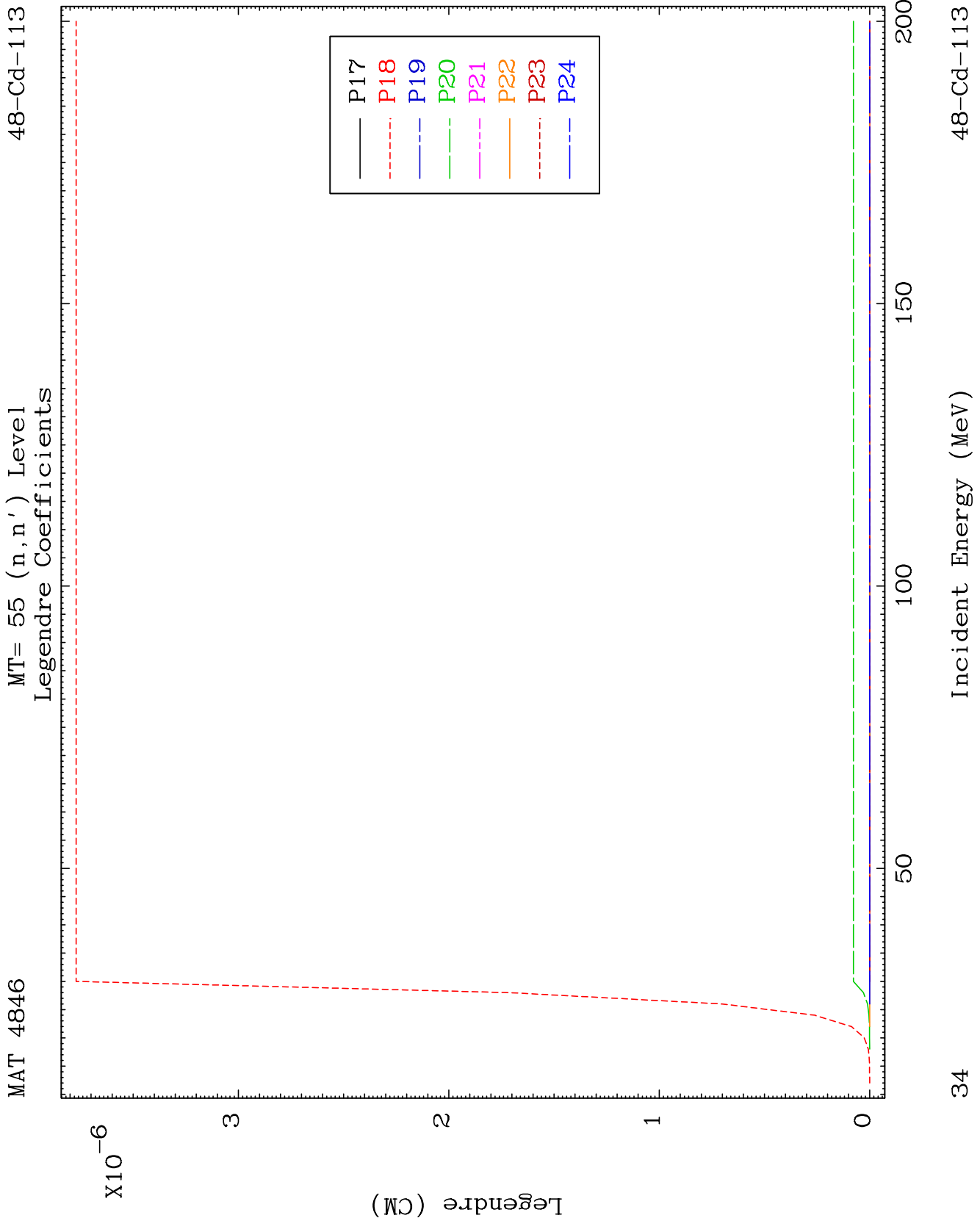
48-Cd-113



33

Incident Energy (MeV)

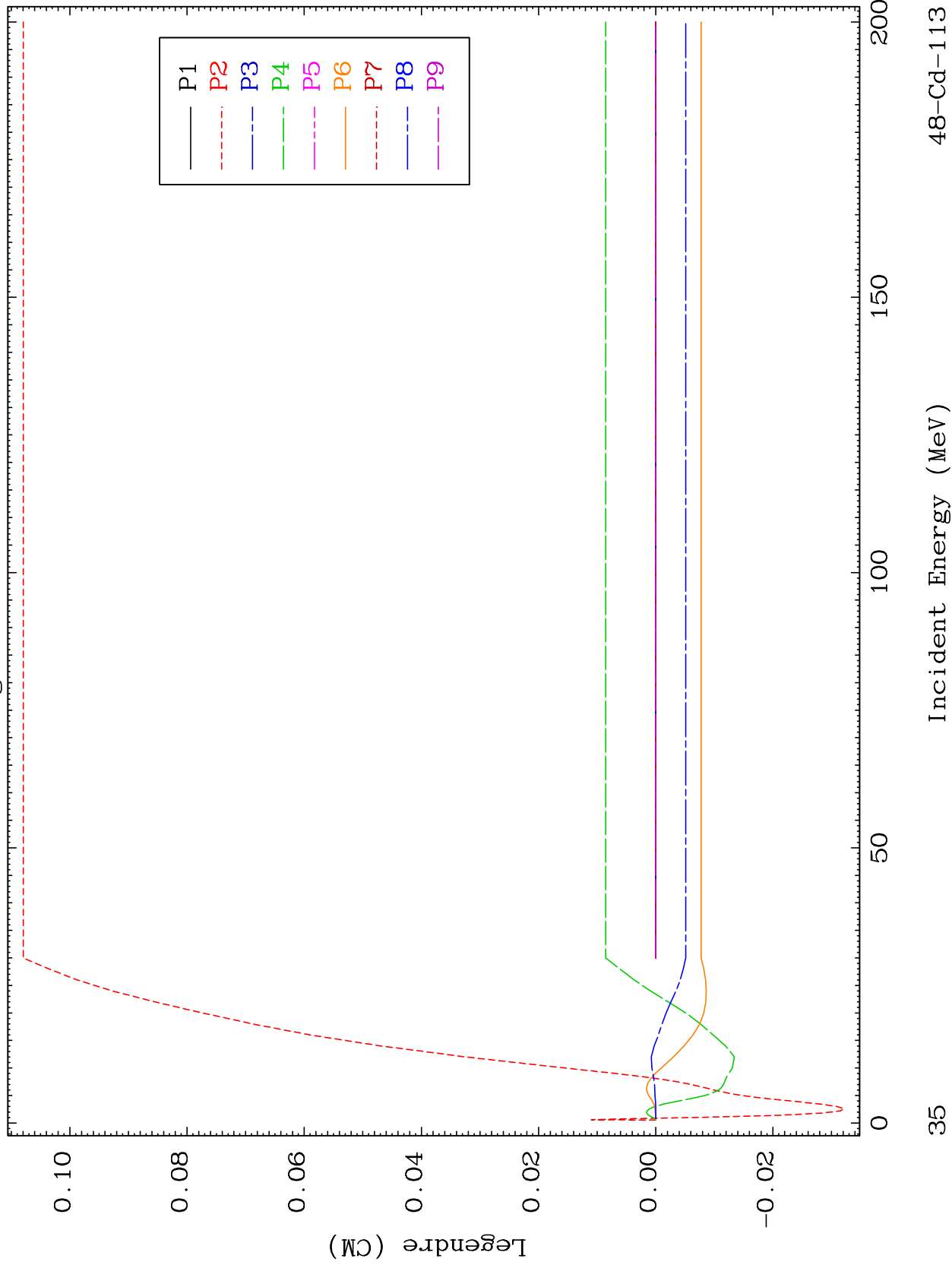
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

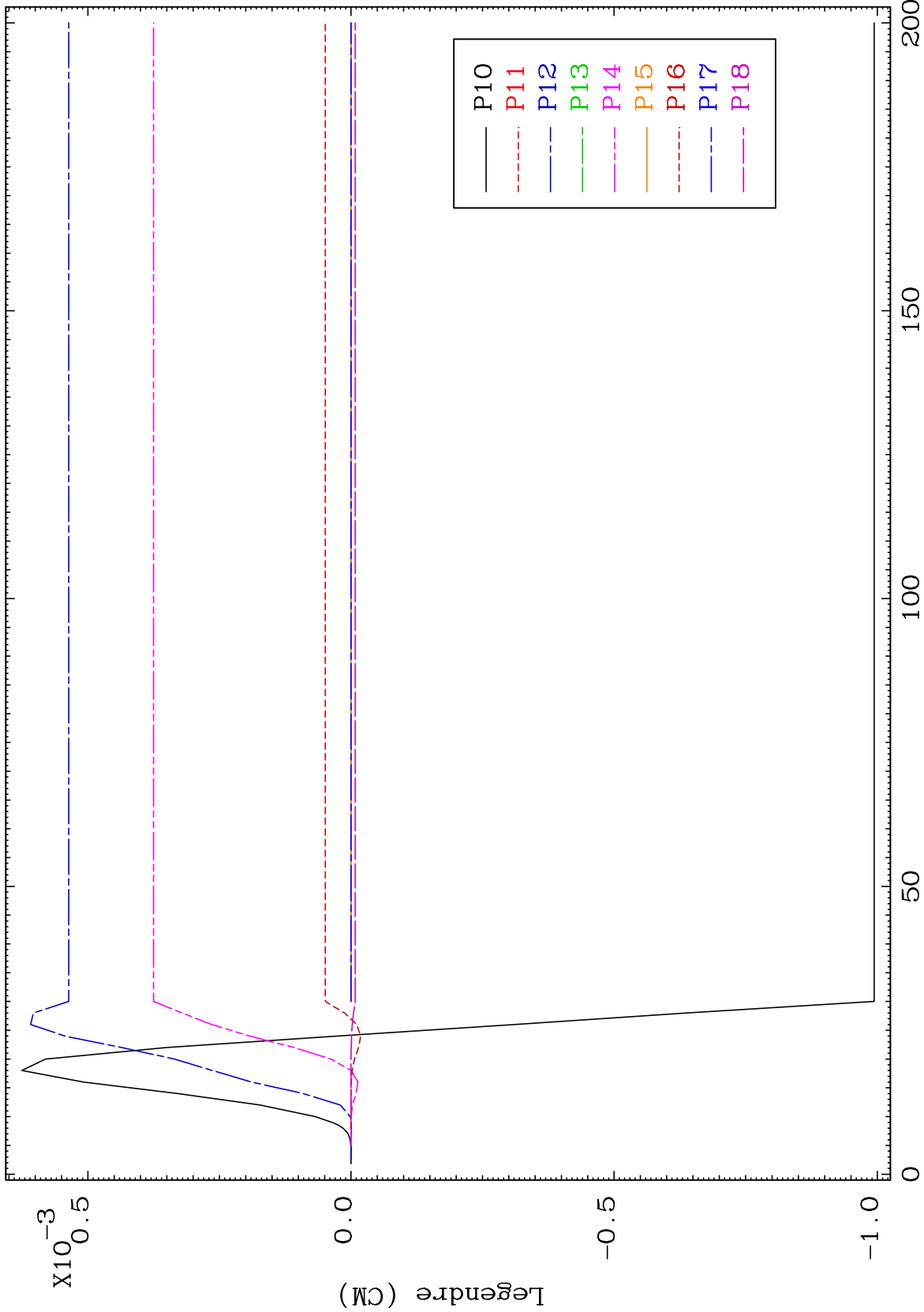
Incident Energy (MeV)

35

MAT 4846

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

48-Cd-113



36

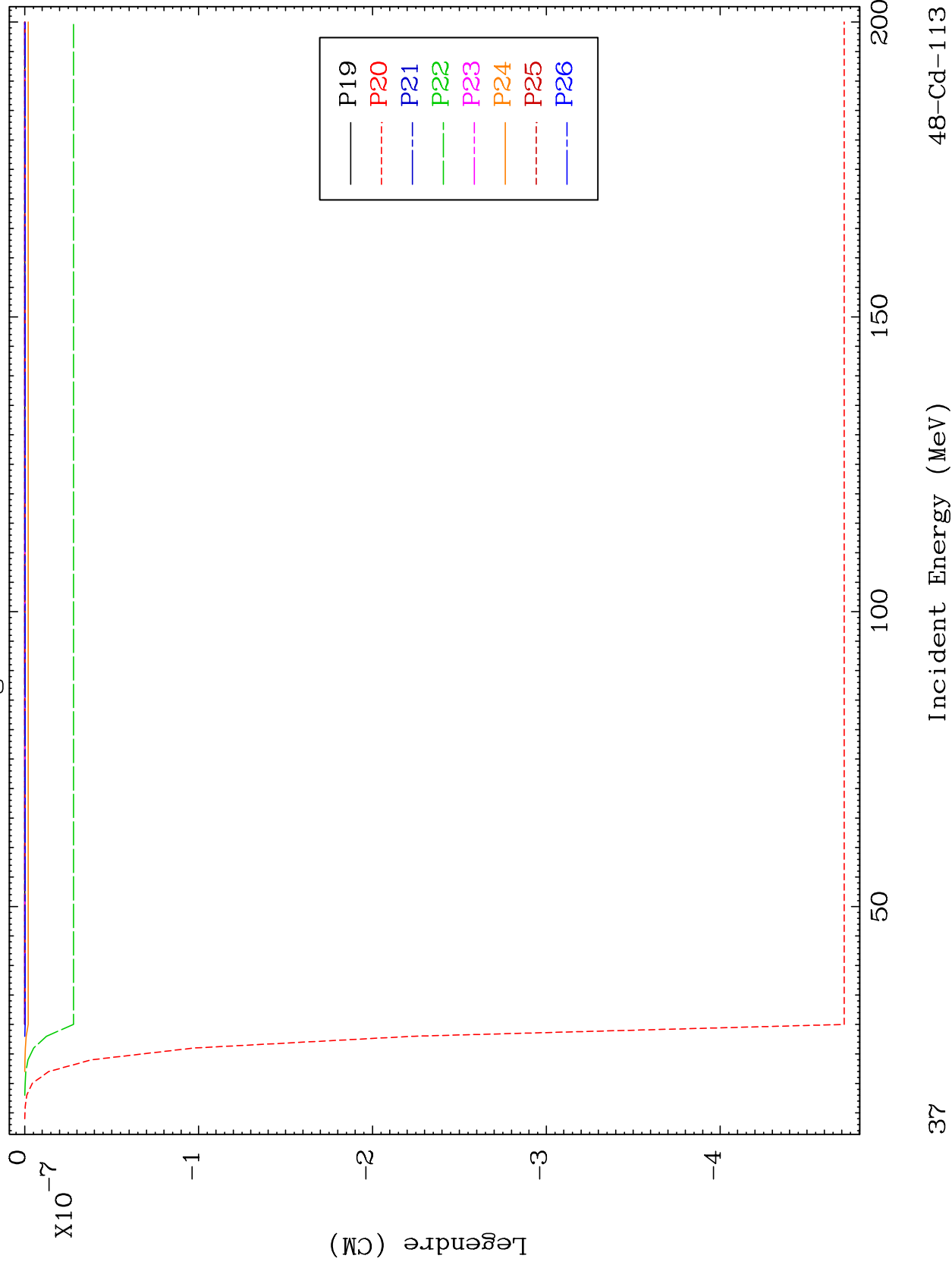
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113

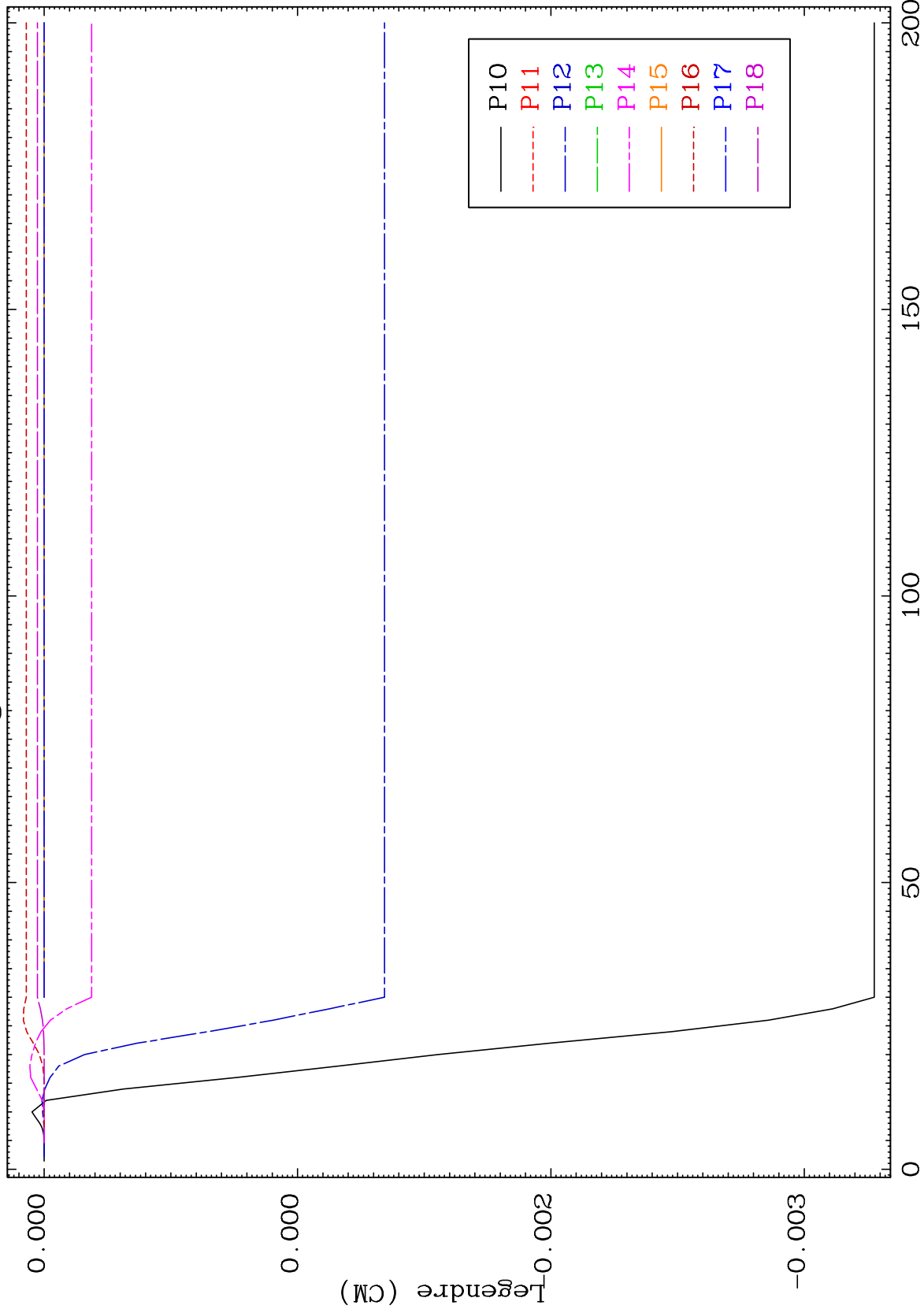


MAT 4846

MT= 57 (n,n') Level

48-Cd-113

Legendre Coefficients



39

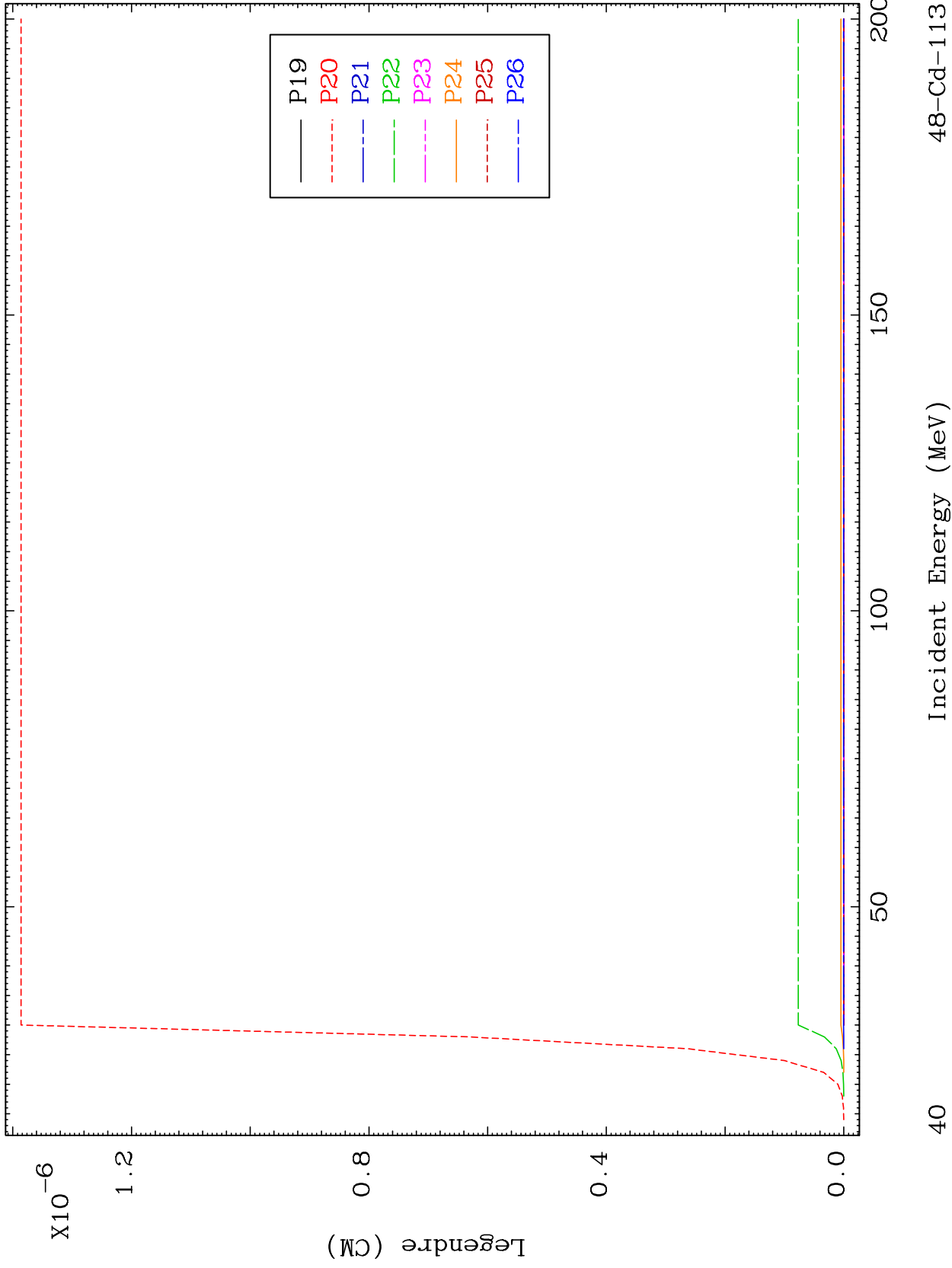
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113

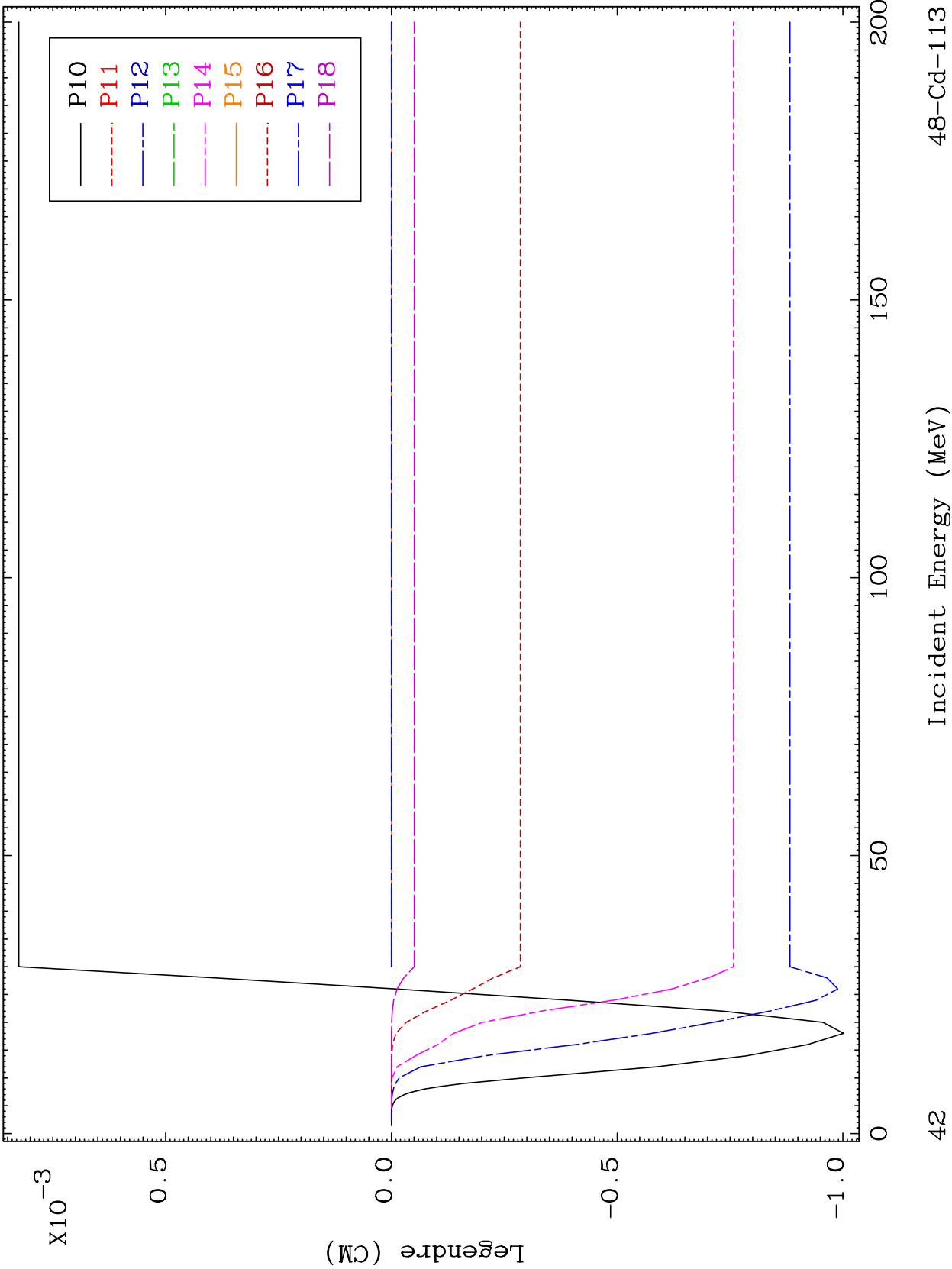


48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

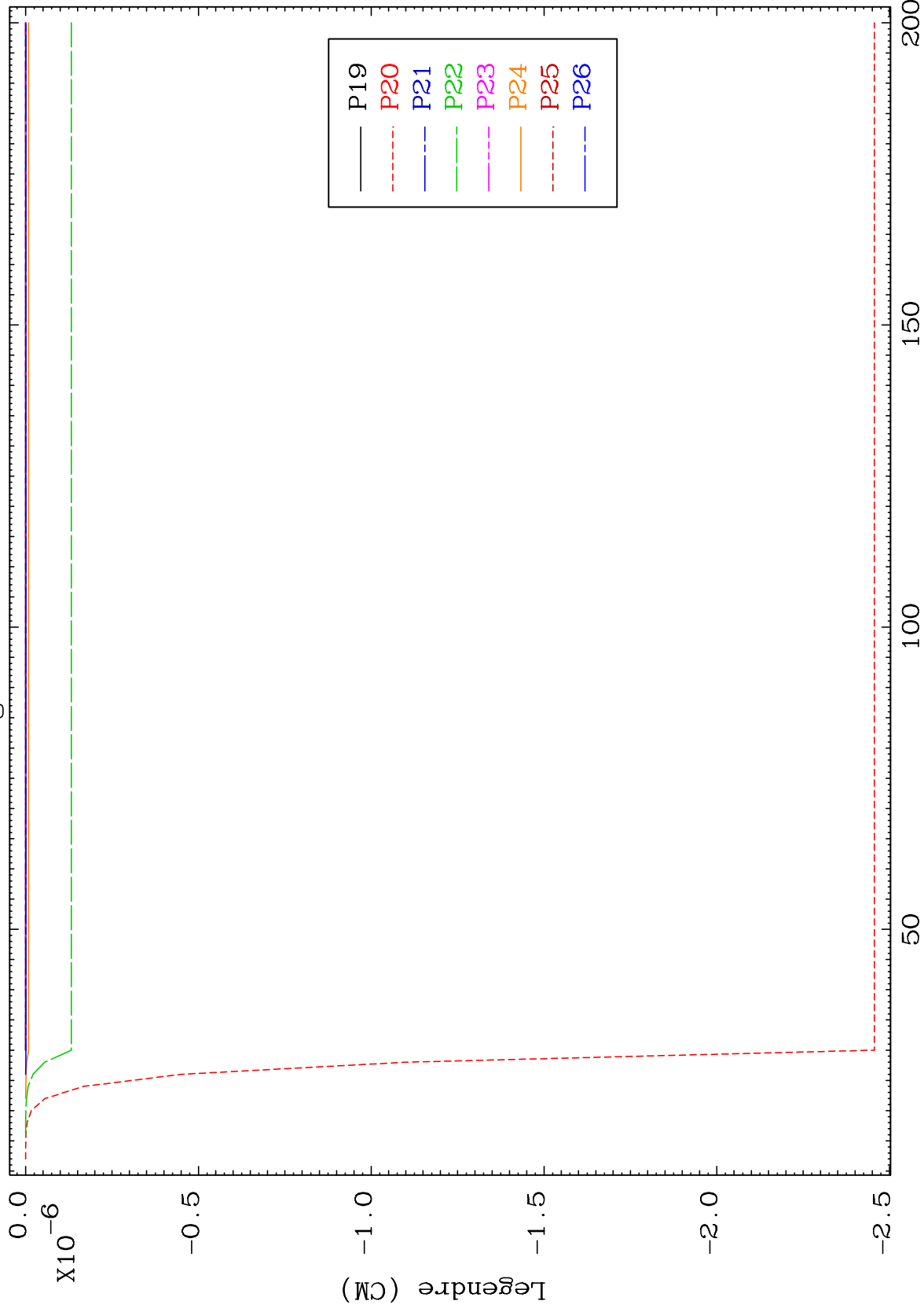
Incident Energy (MeV)

42

MAT 4846

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

48-Cd-113



43

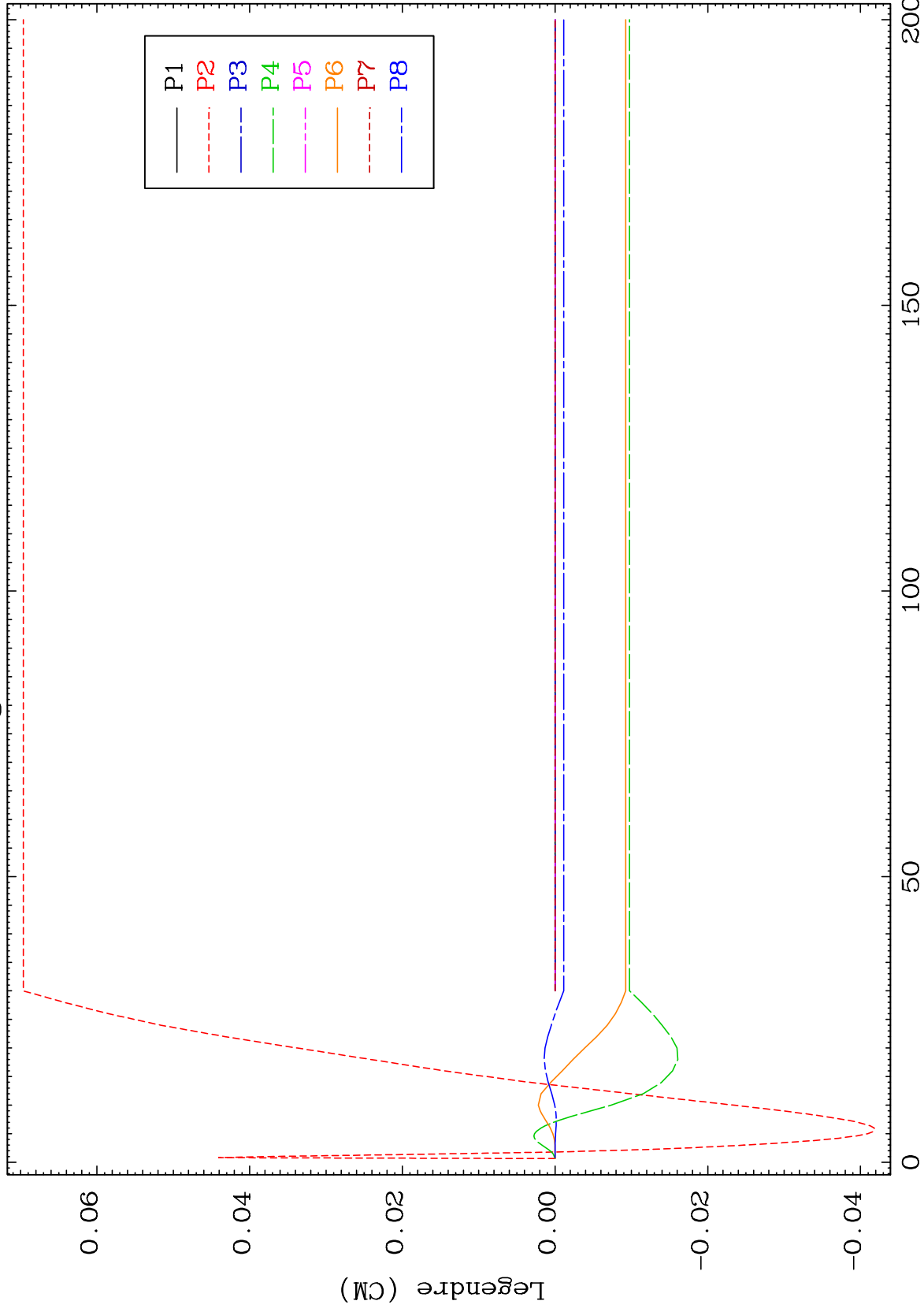
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

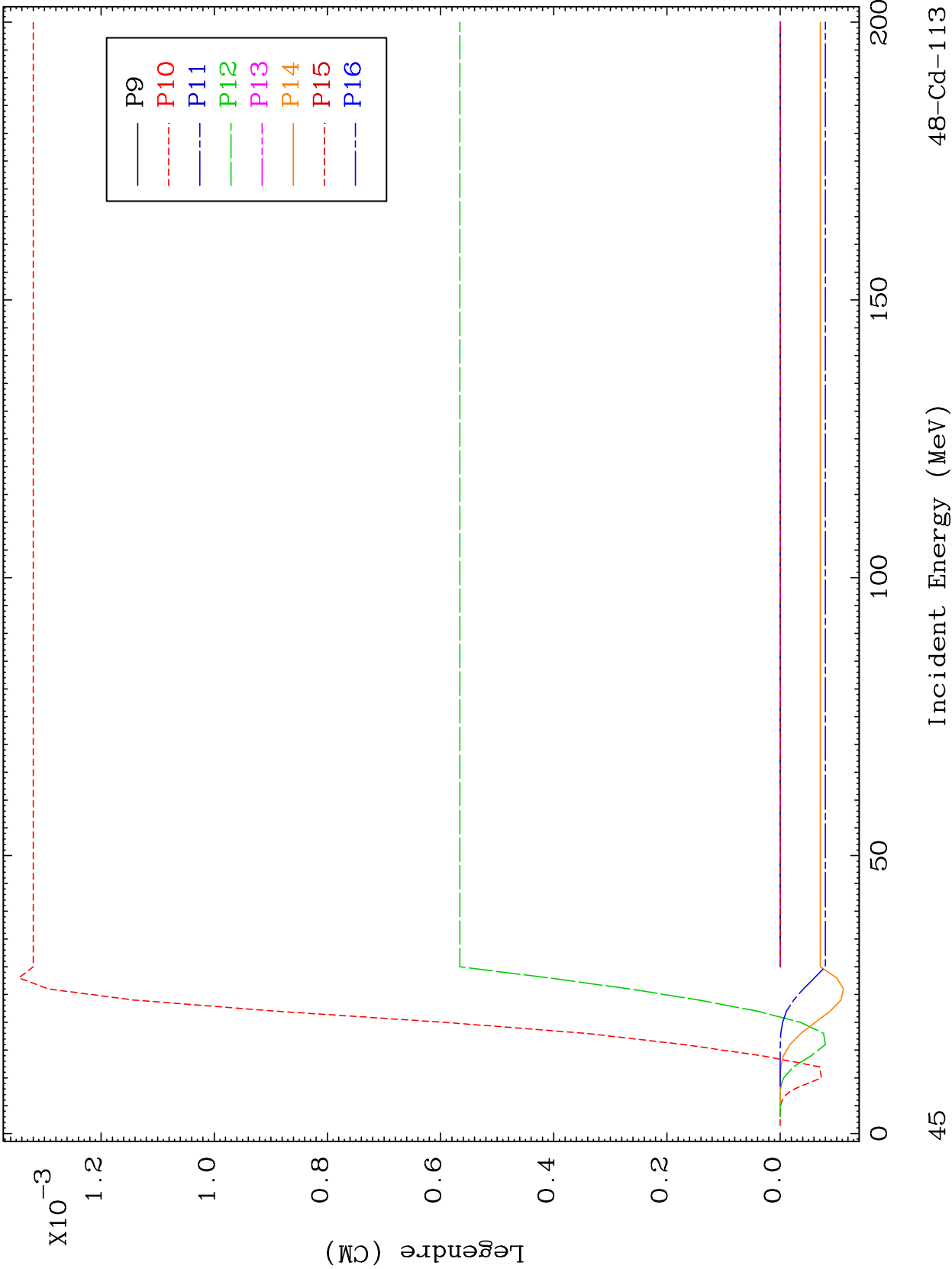
Incident Energy (MeV)

44

MAT 4846

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

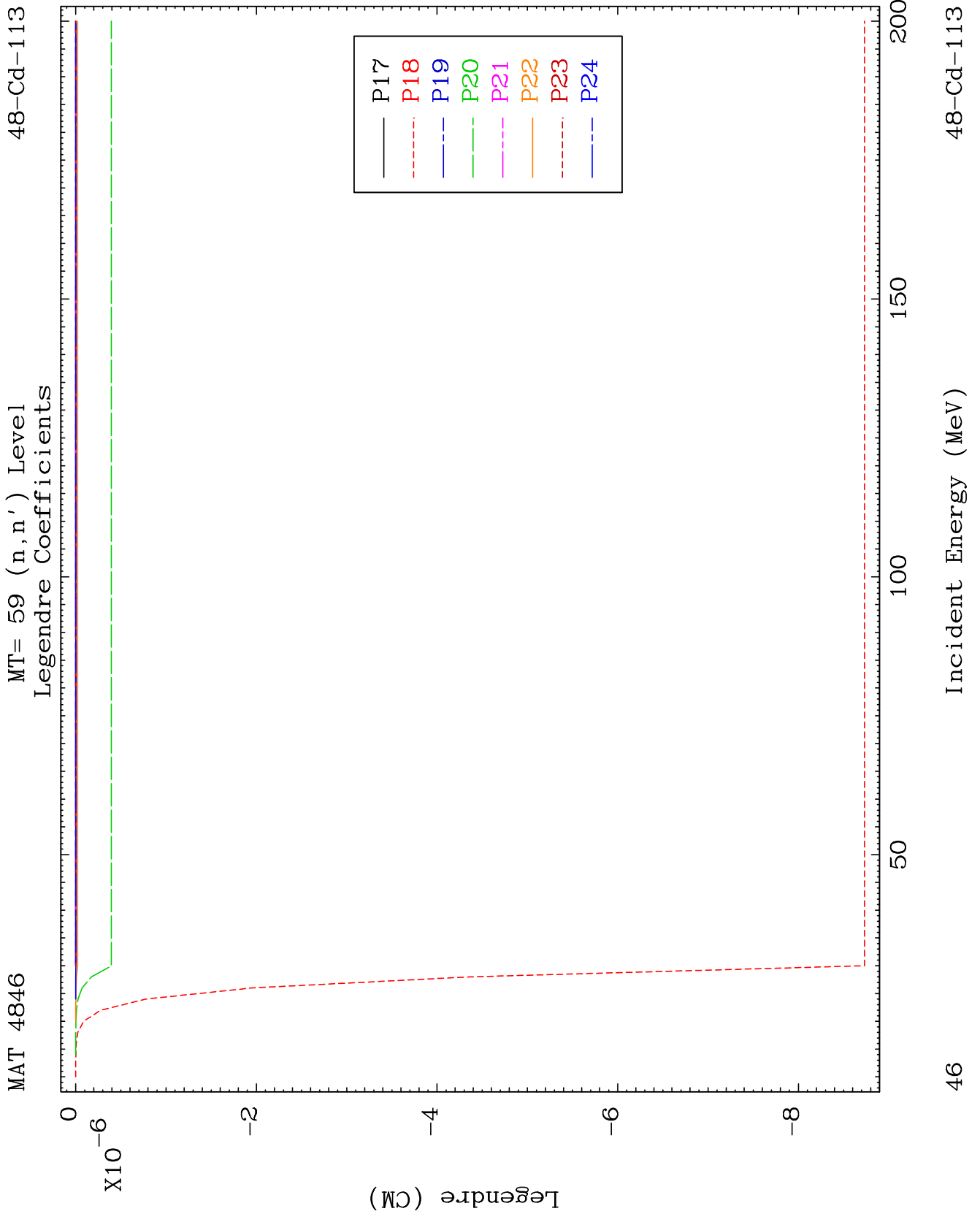
48-Cd-113

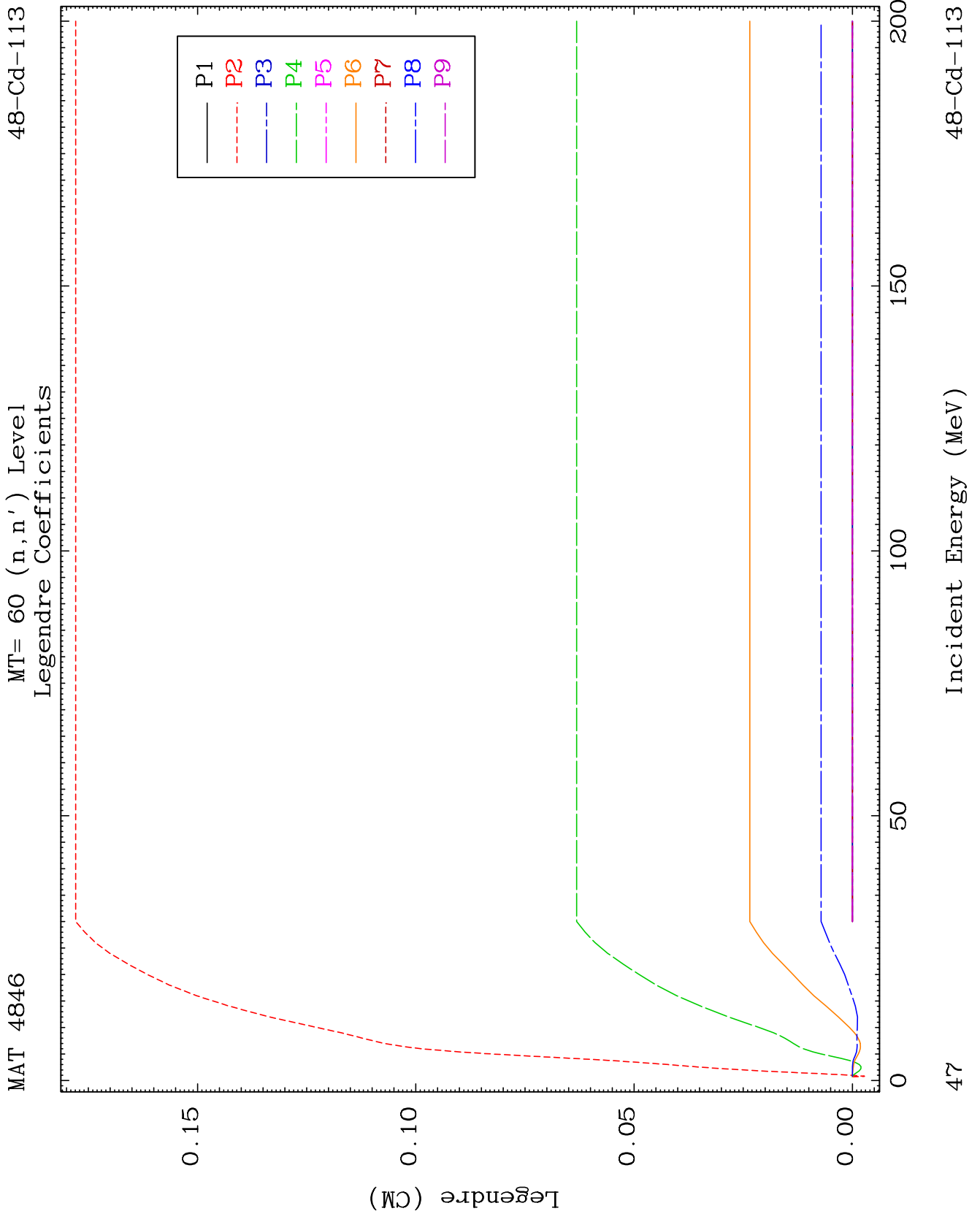


48-Cd-113

Incident Energy (MeV)

45

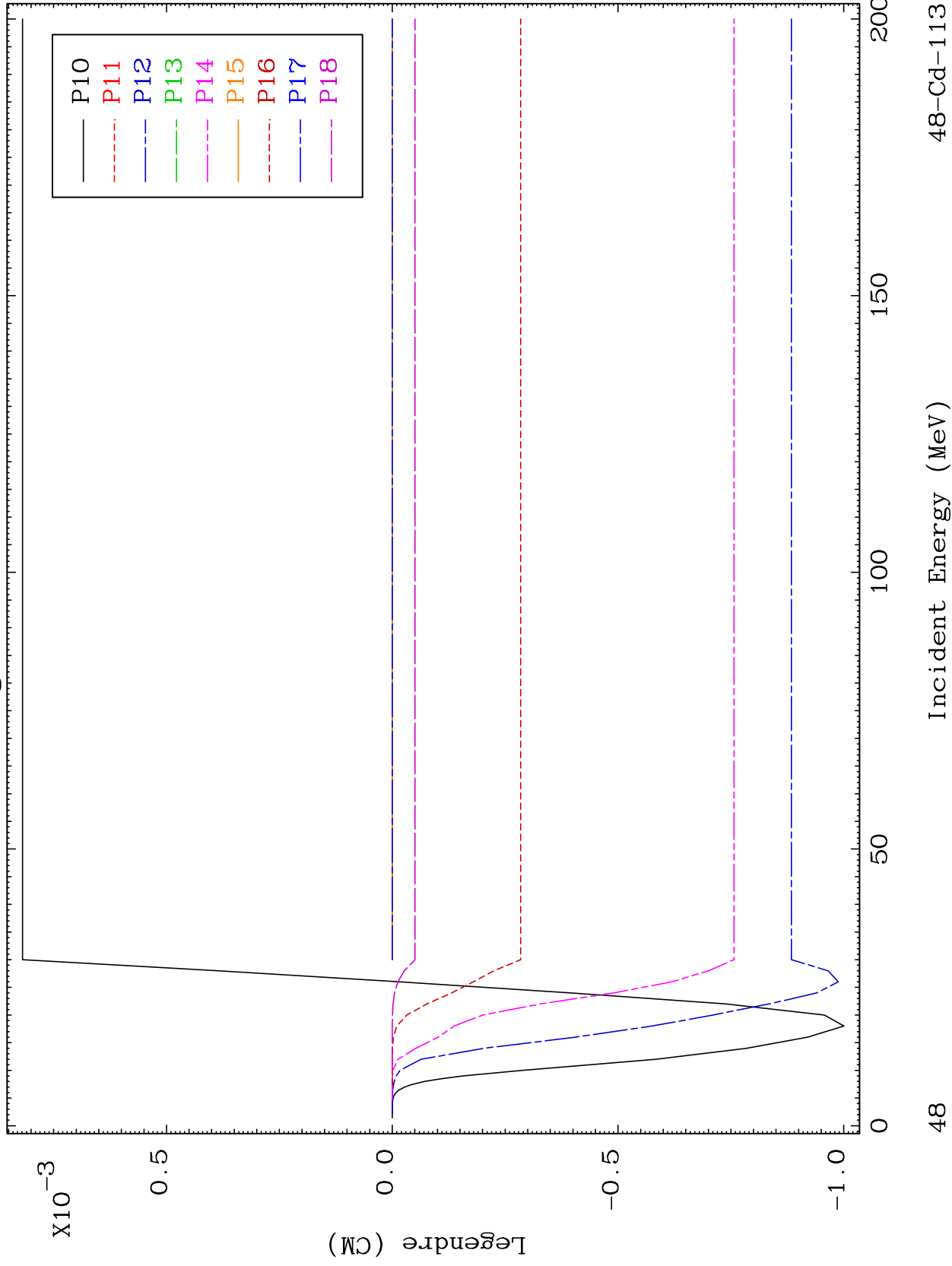




MAT 4846

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

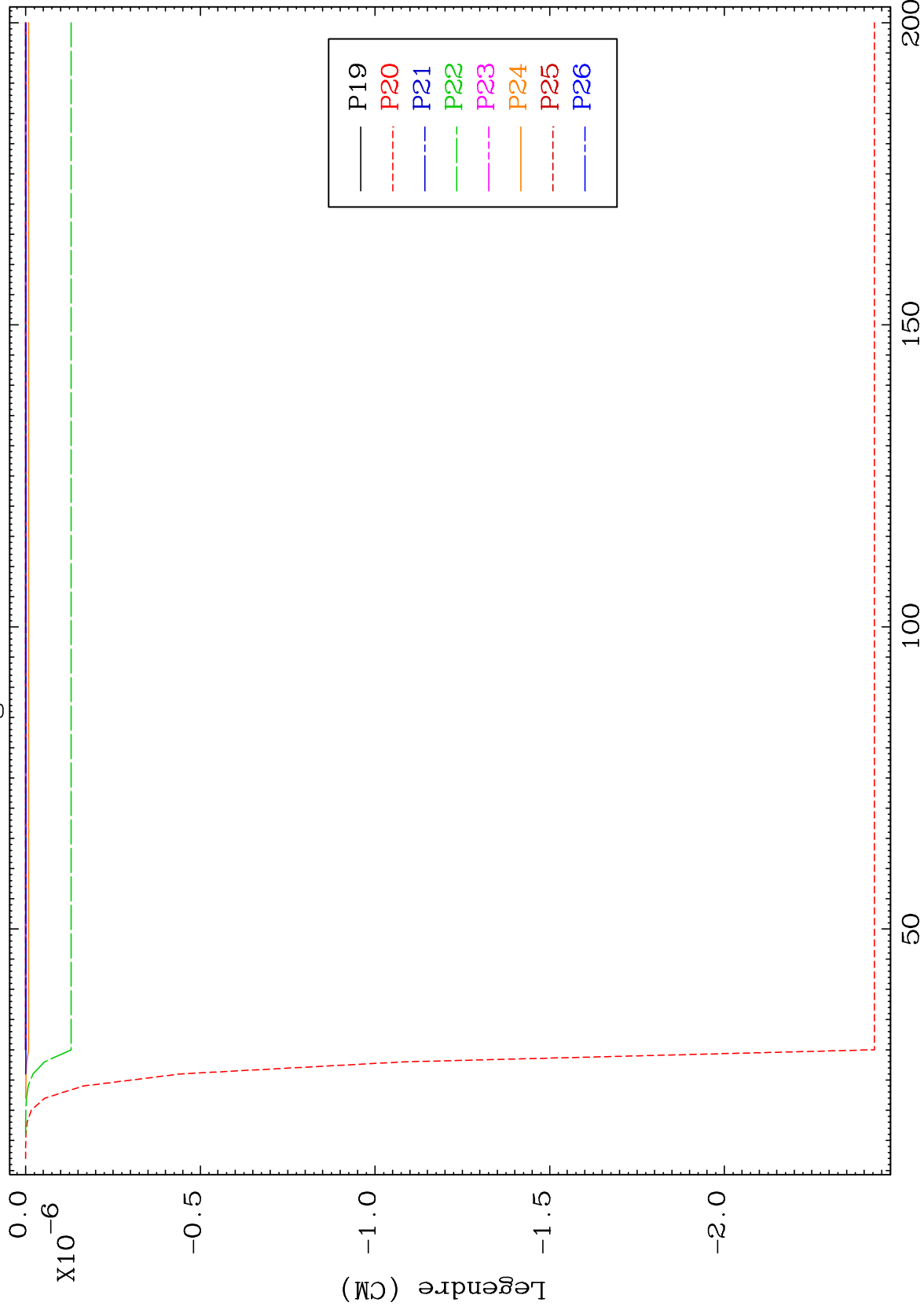
48-Cd-113



MAT 4846

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

48-Cd-113



49

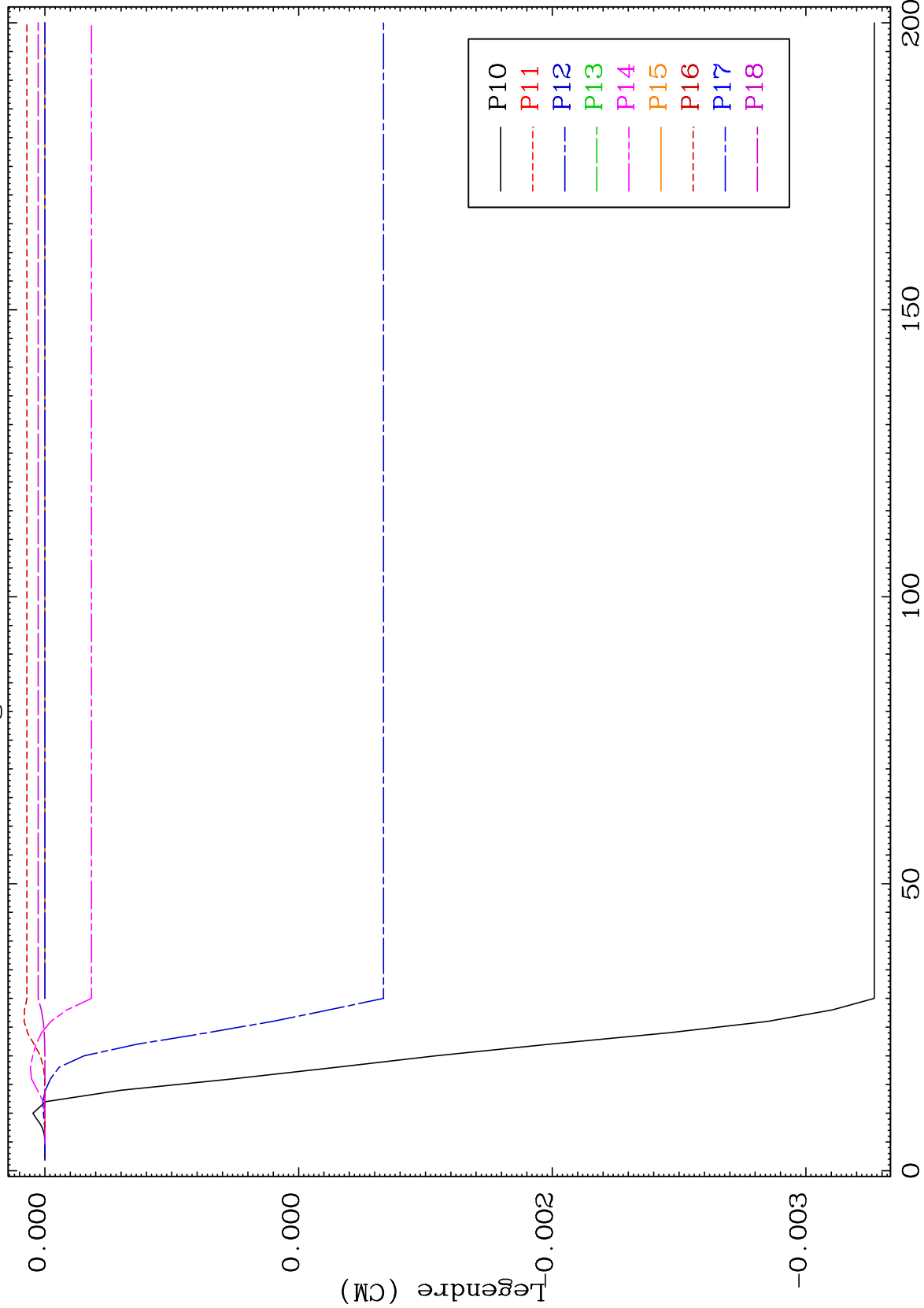
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



51

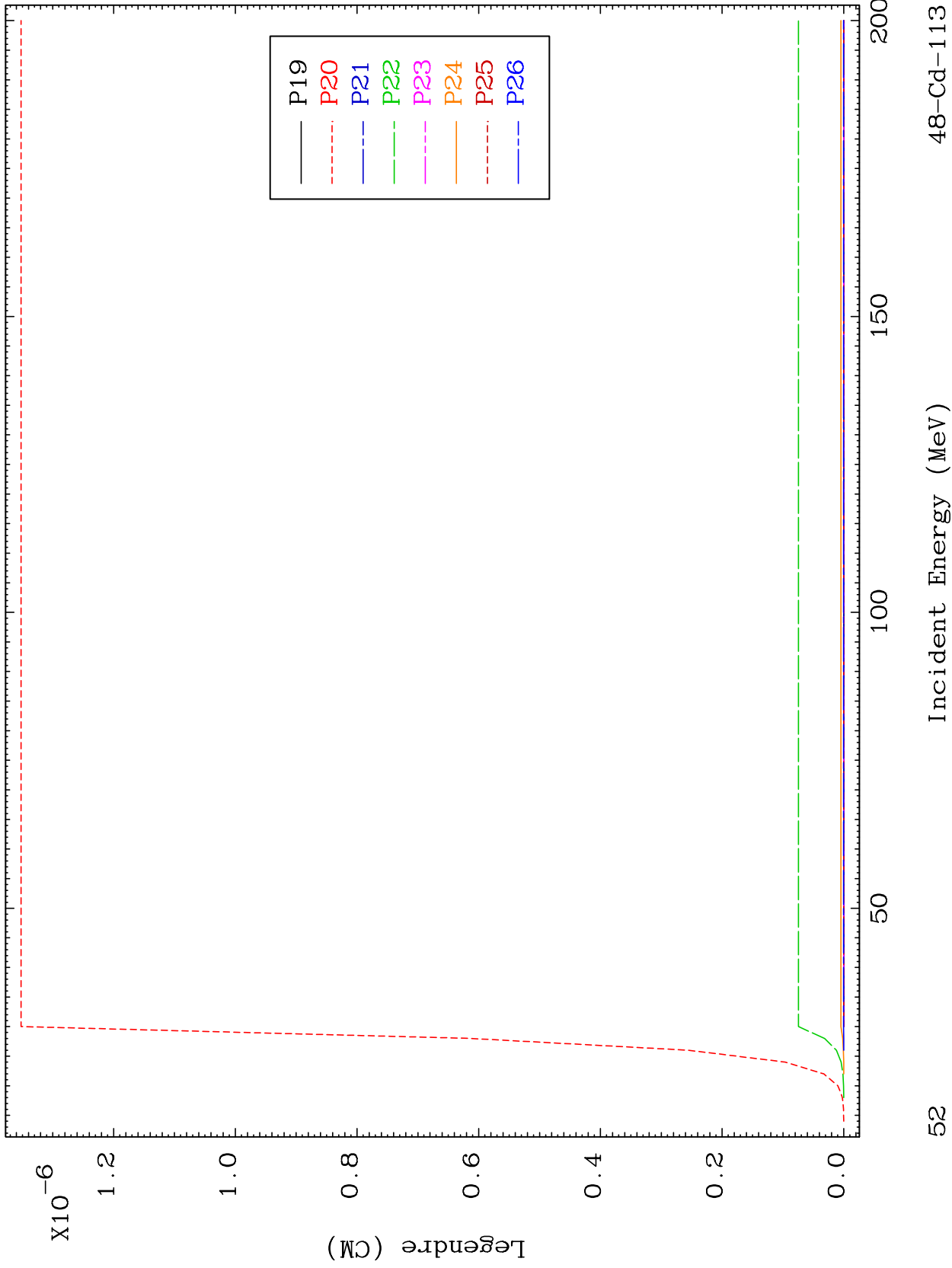
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



52

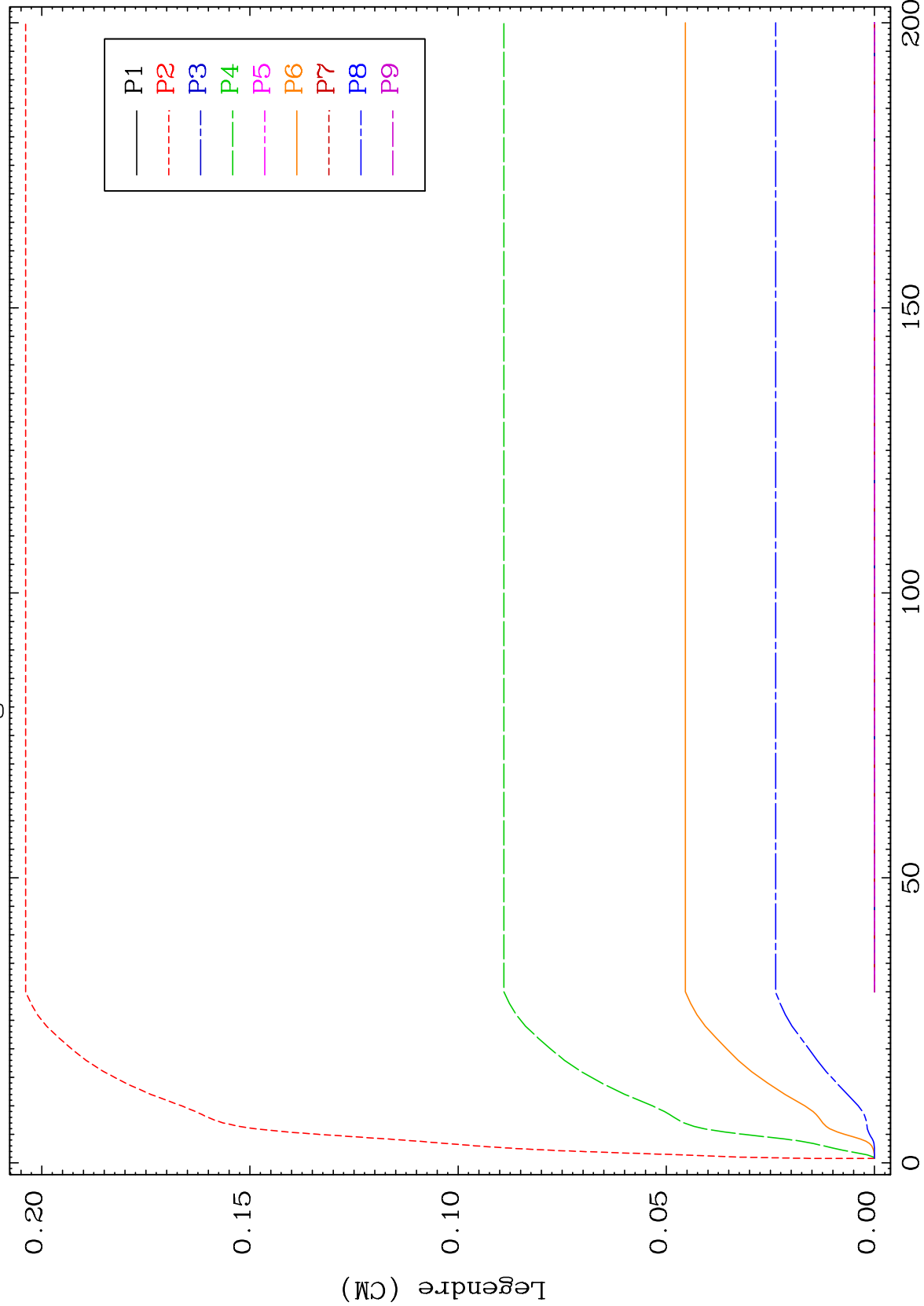
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



53

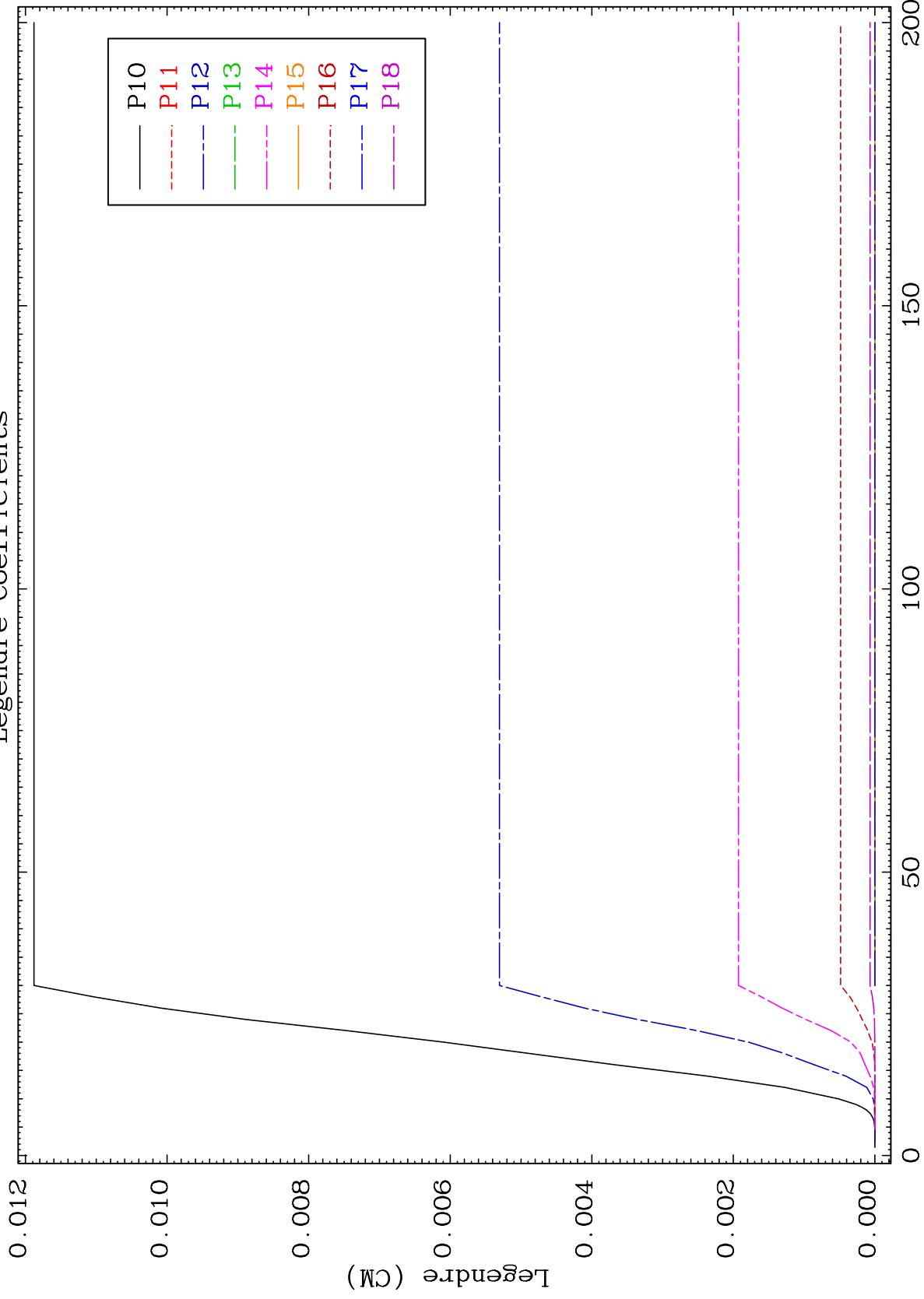
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



54

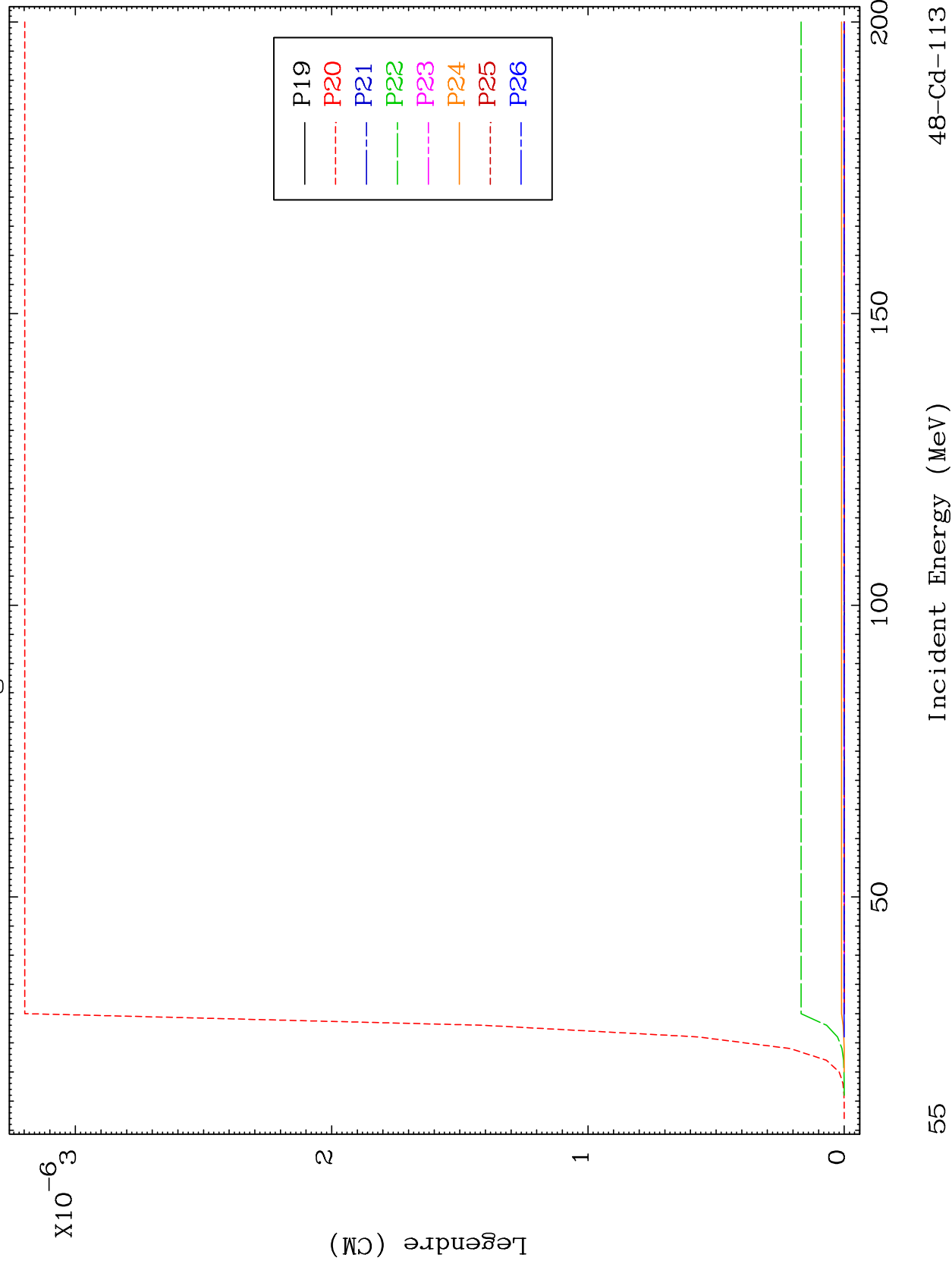
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



55

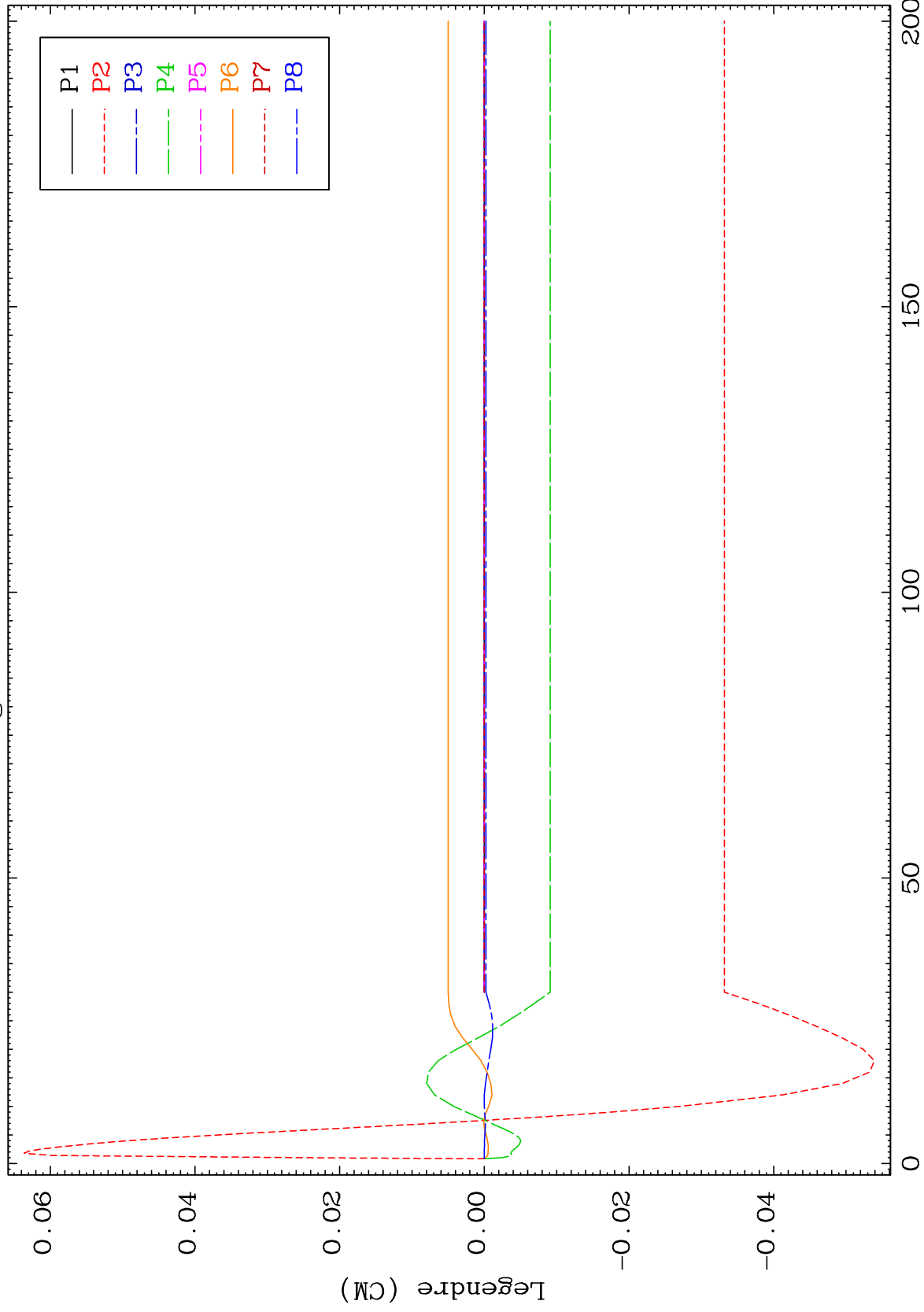
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

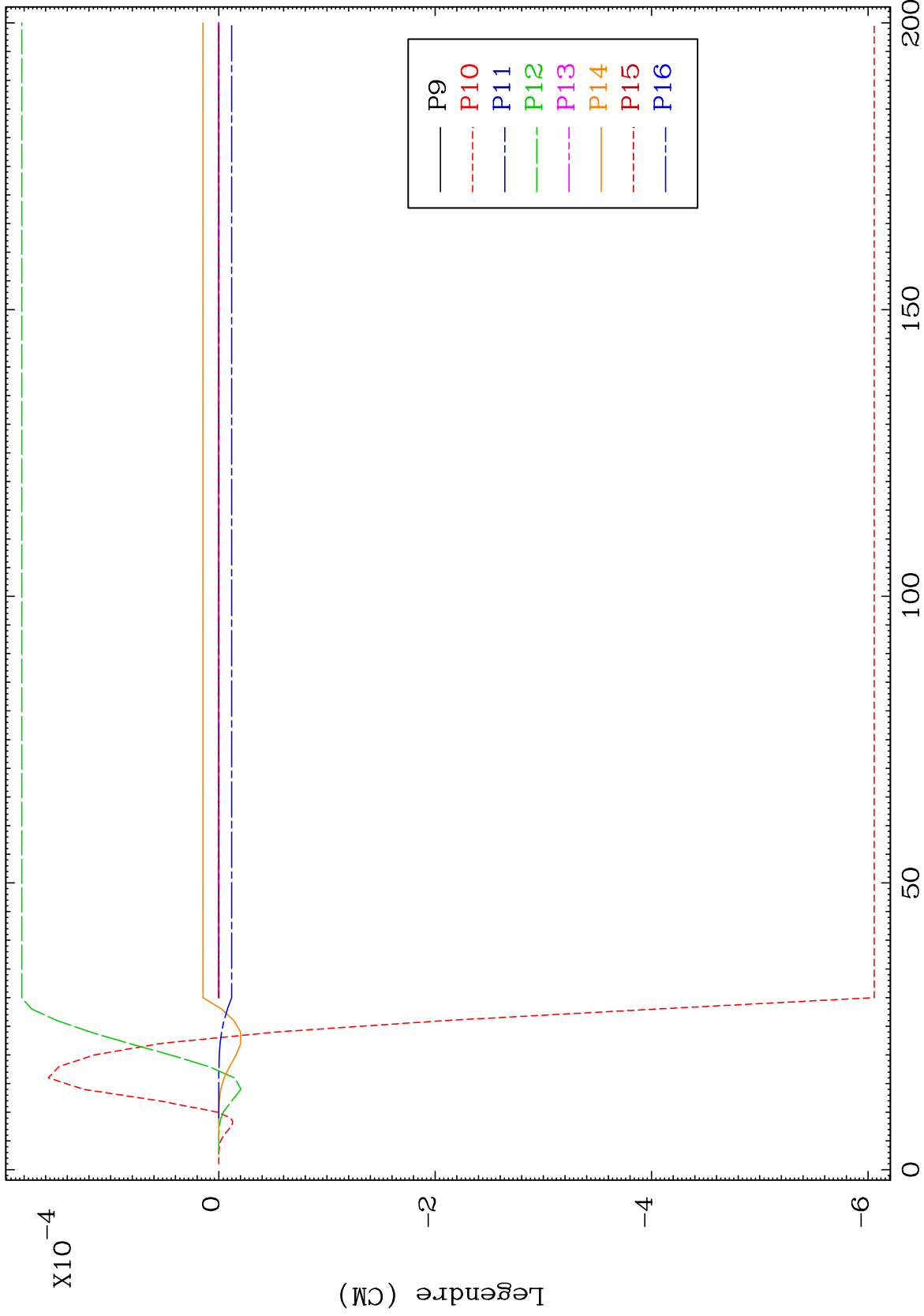
Incident Energy (MeV)

56

MAT 4846

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

48-Cd-113



57

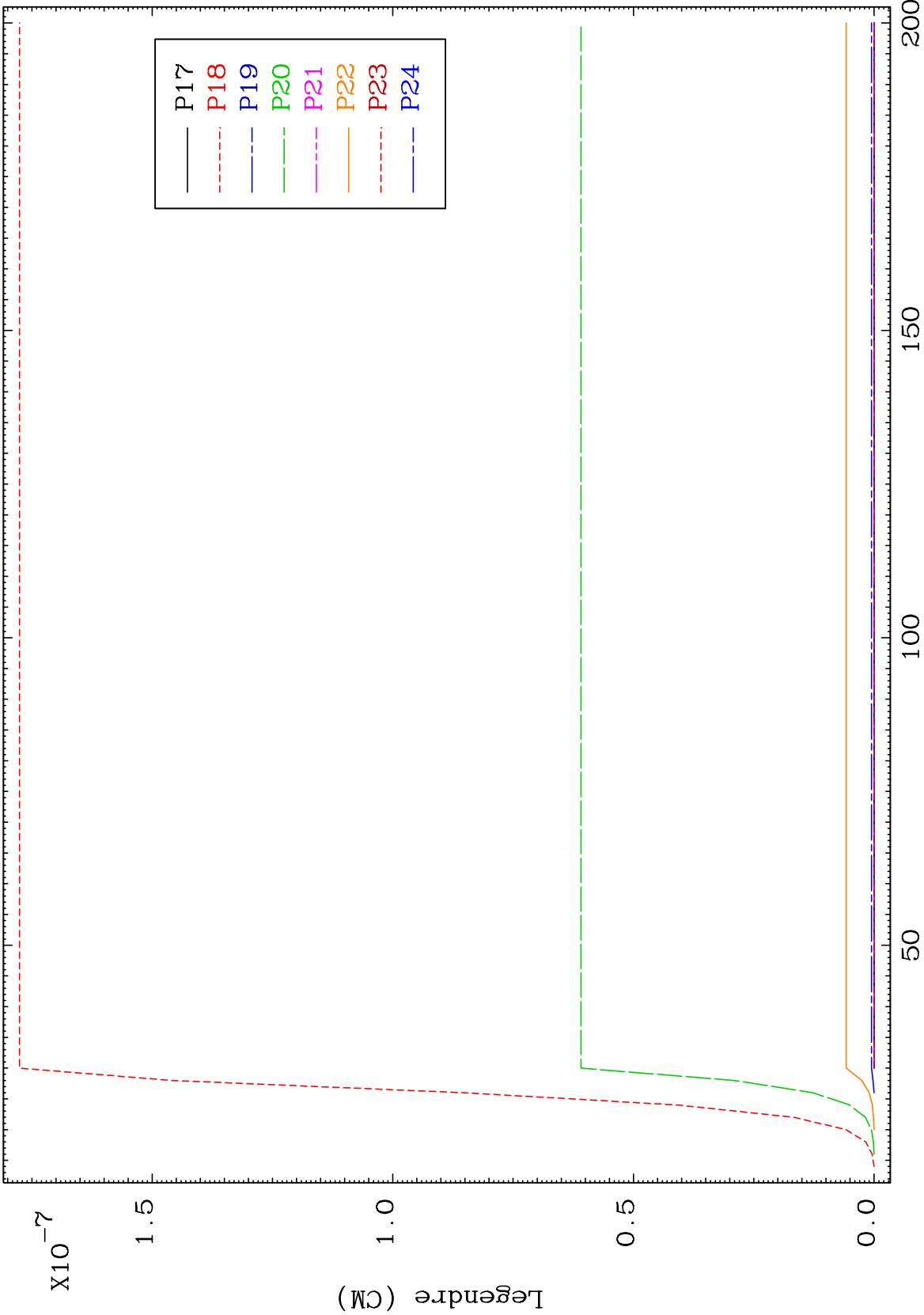
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

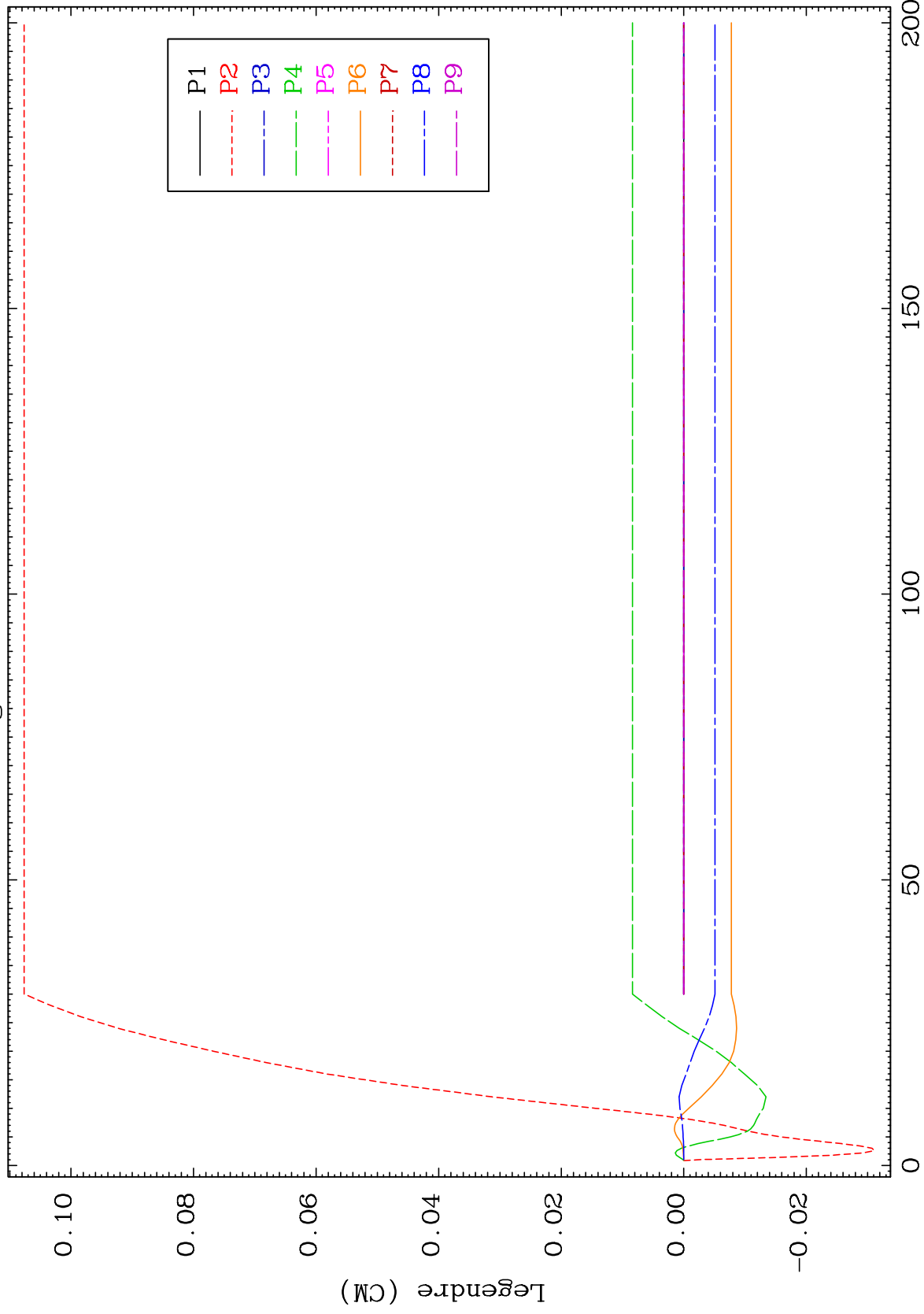
Incident Energy (MeV)

58

MAT 4846

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

48-Cd-113



59

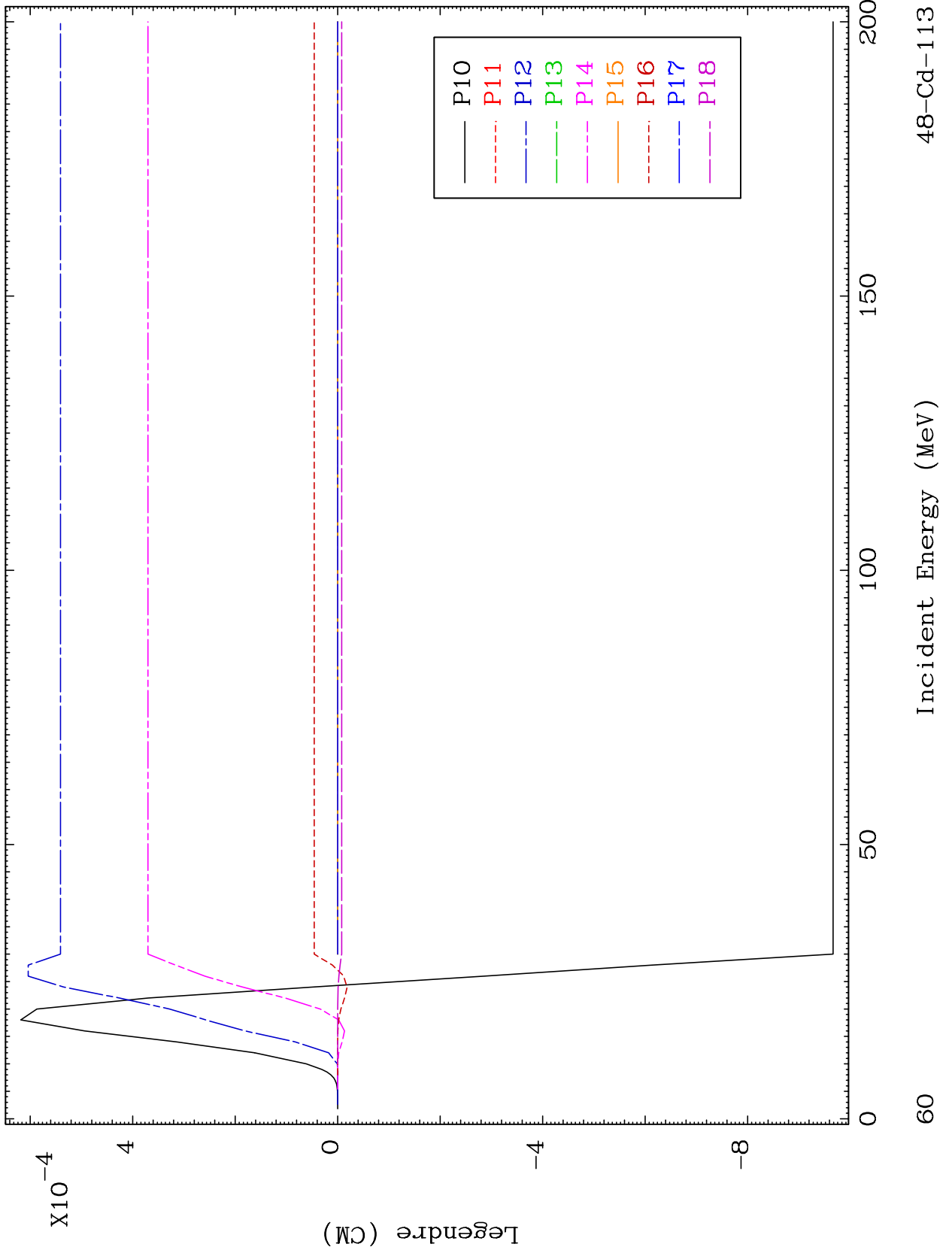
Incident Energy (MeV)

48-Cd-113

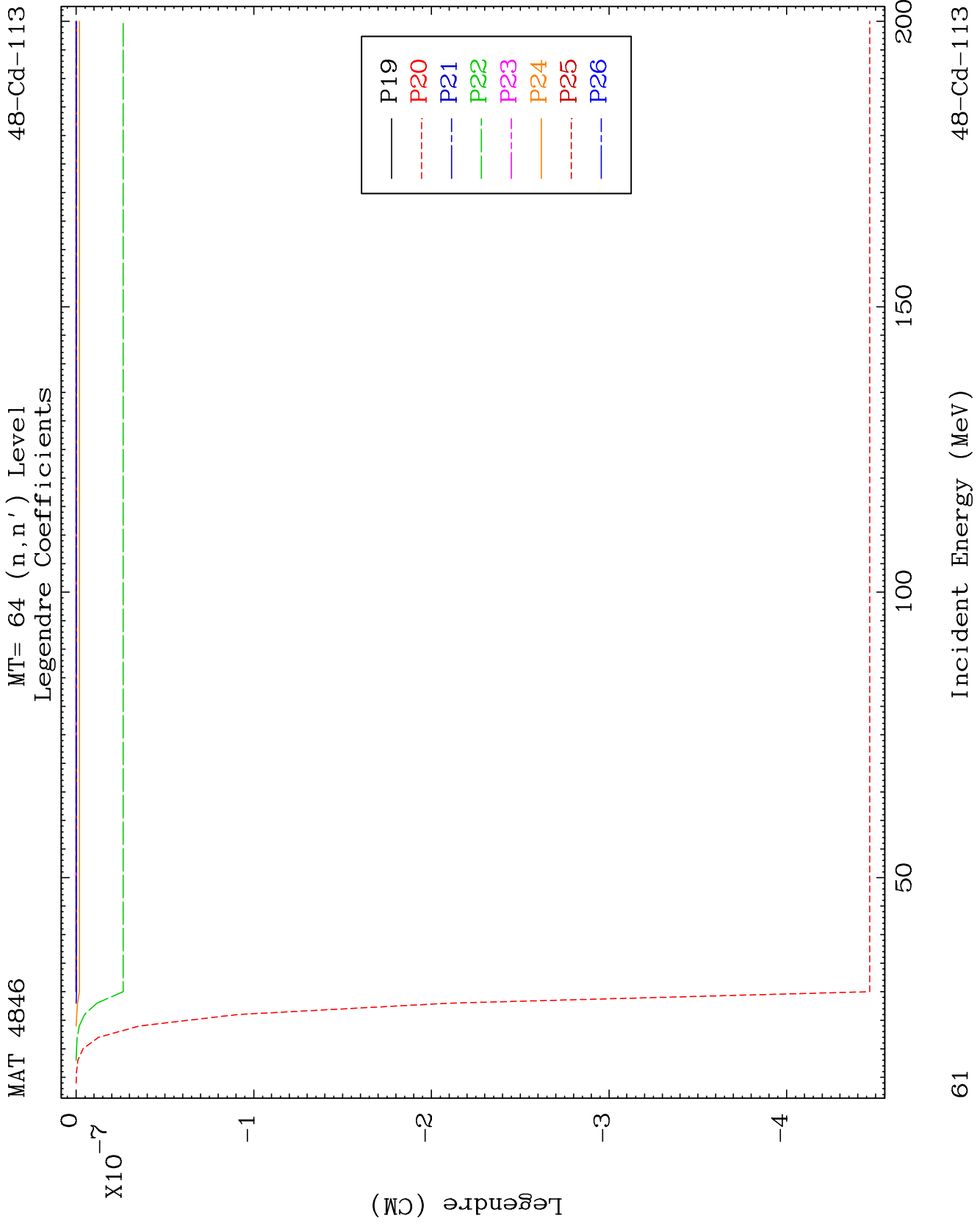
MAT 4846

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

48-Cd-113



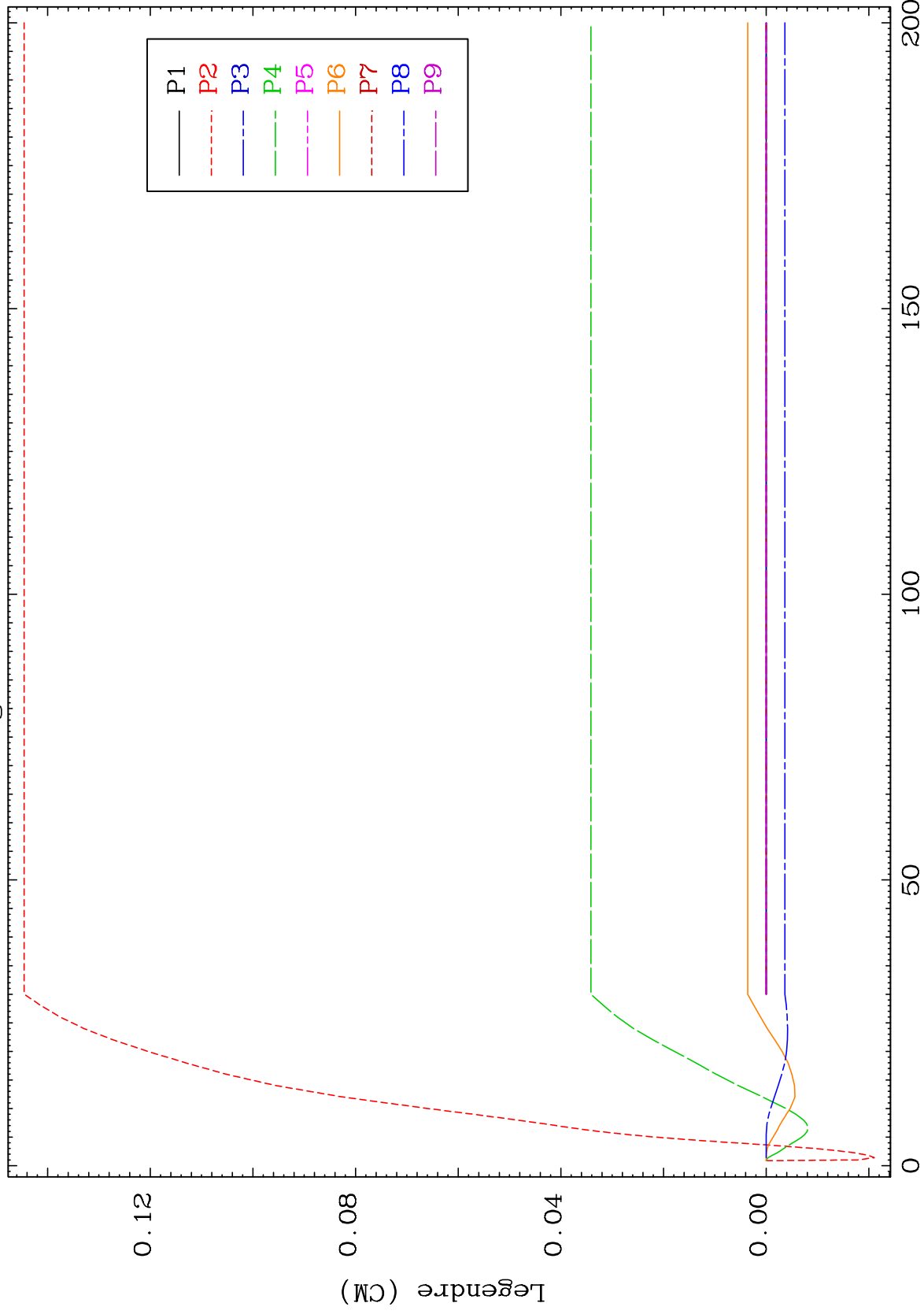
48-Cd-113



MAT 4846

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

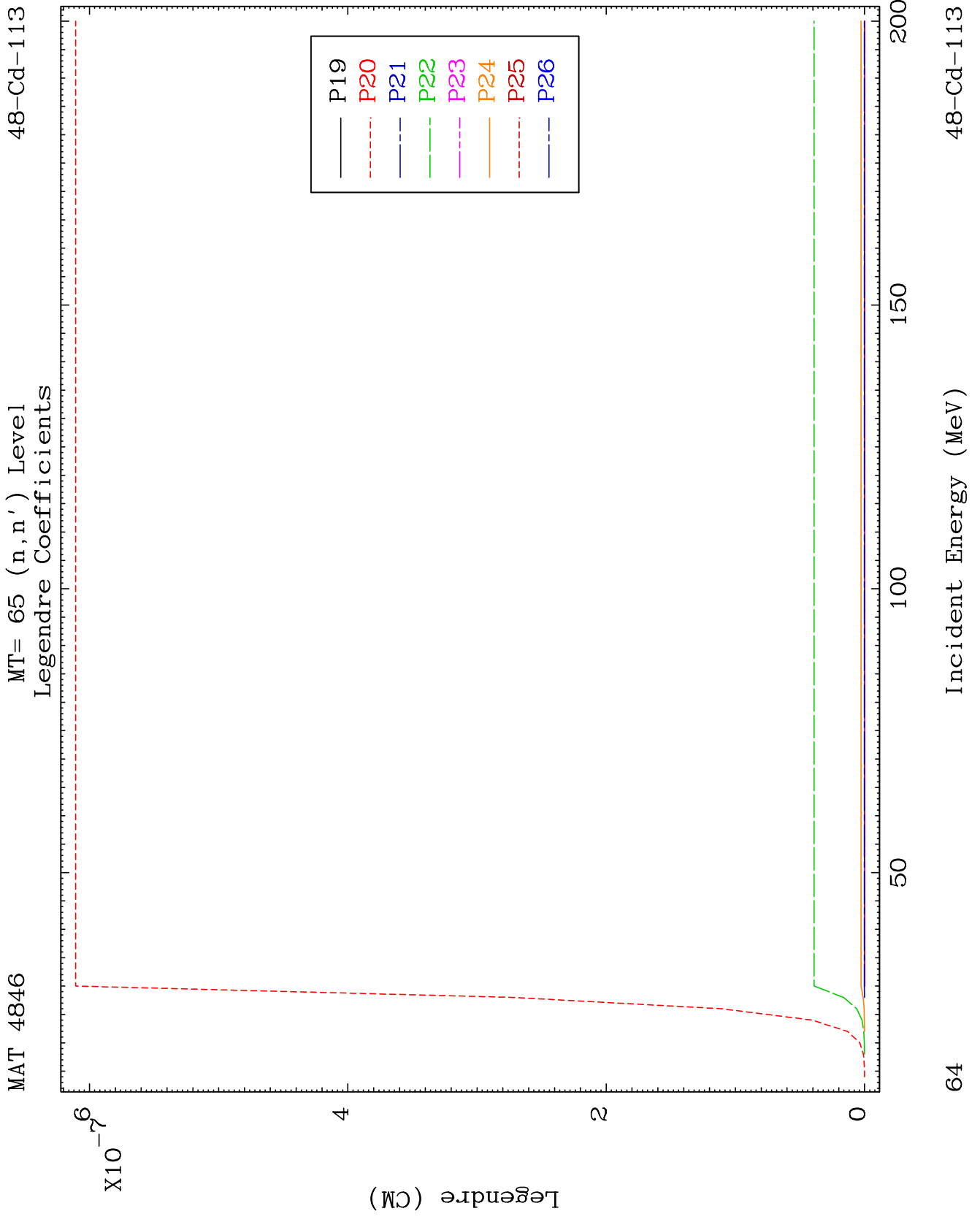
48-Cd-113



48-Cd-113

Incident Energy (MeV)

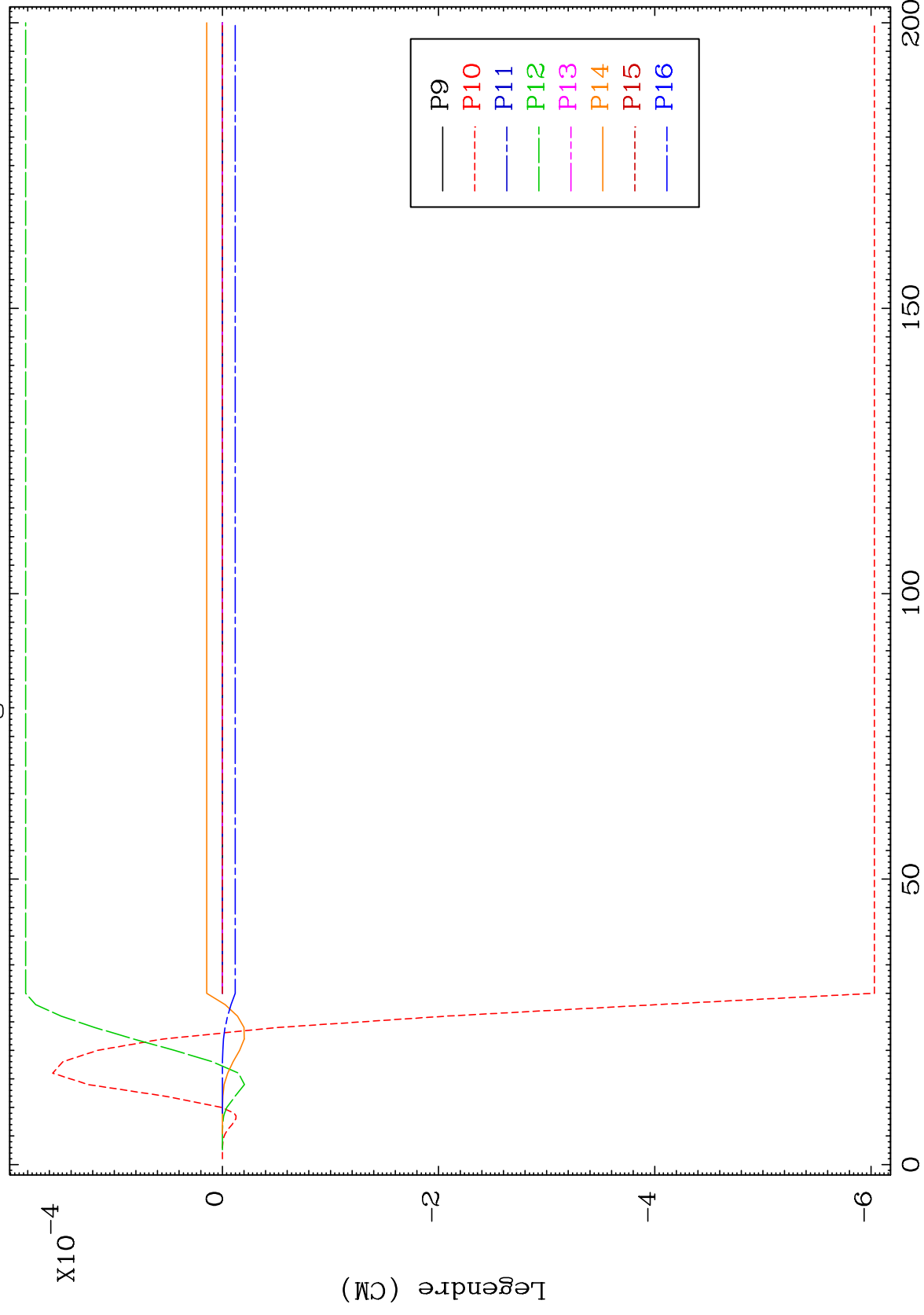
62



MAT 4846

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

48-Cd-113



66

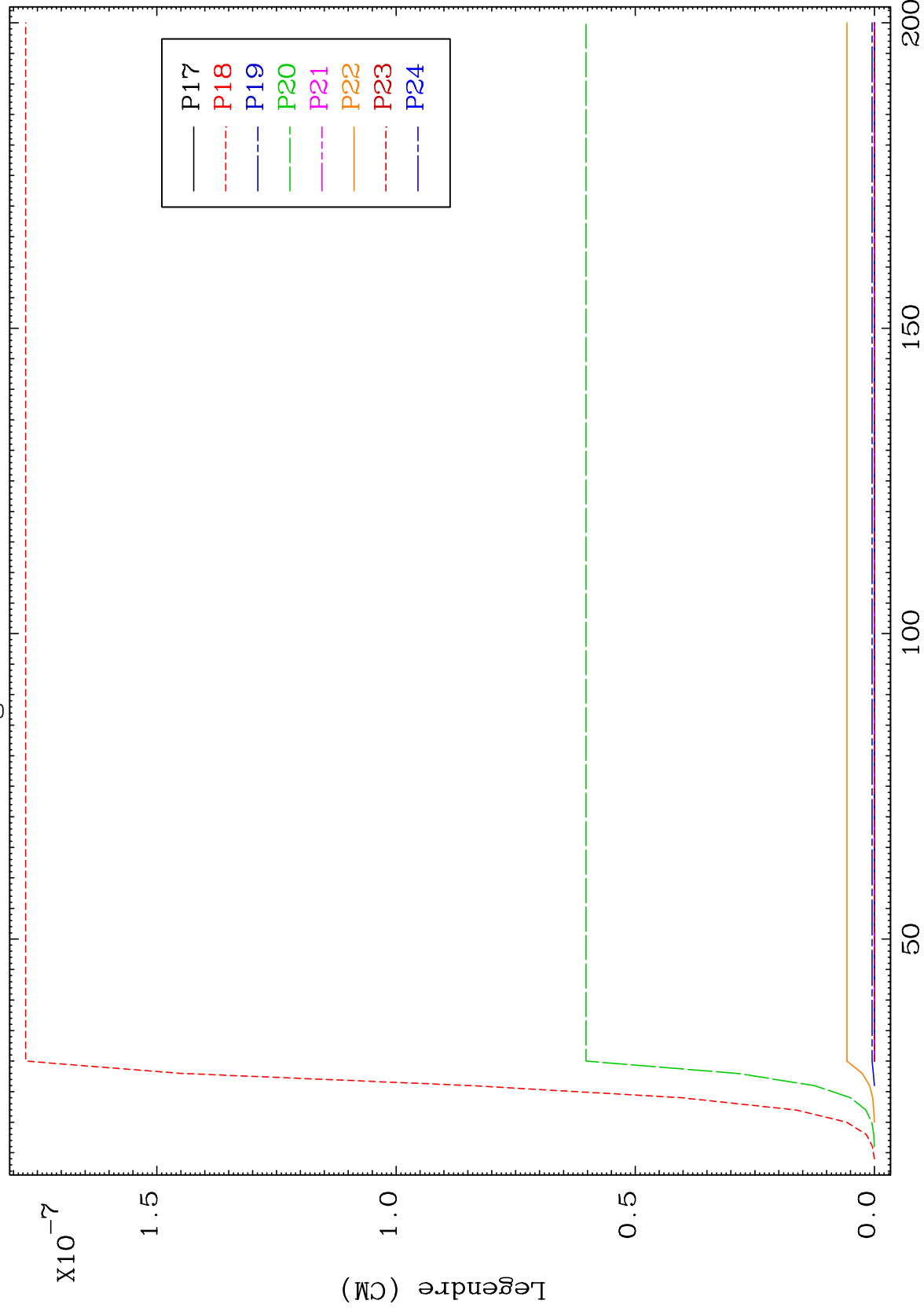
48-Cd-113

48-Cd-113

MAT 4846

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

48-Cd-113



67

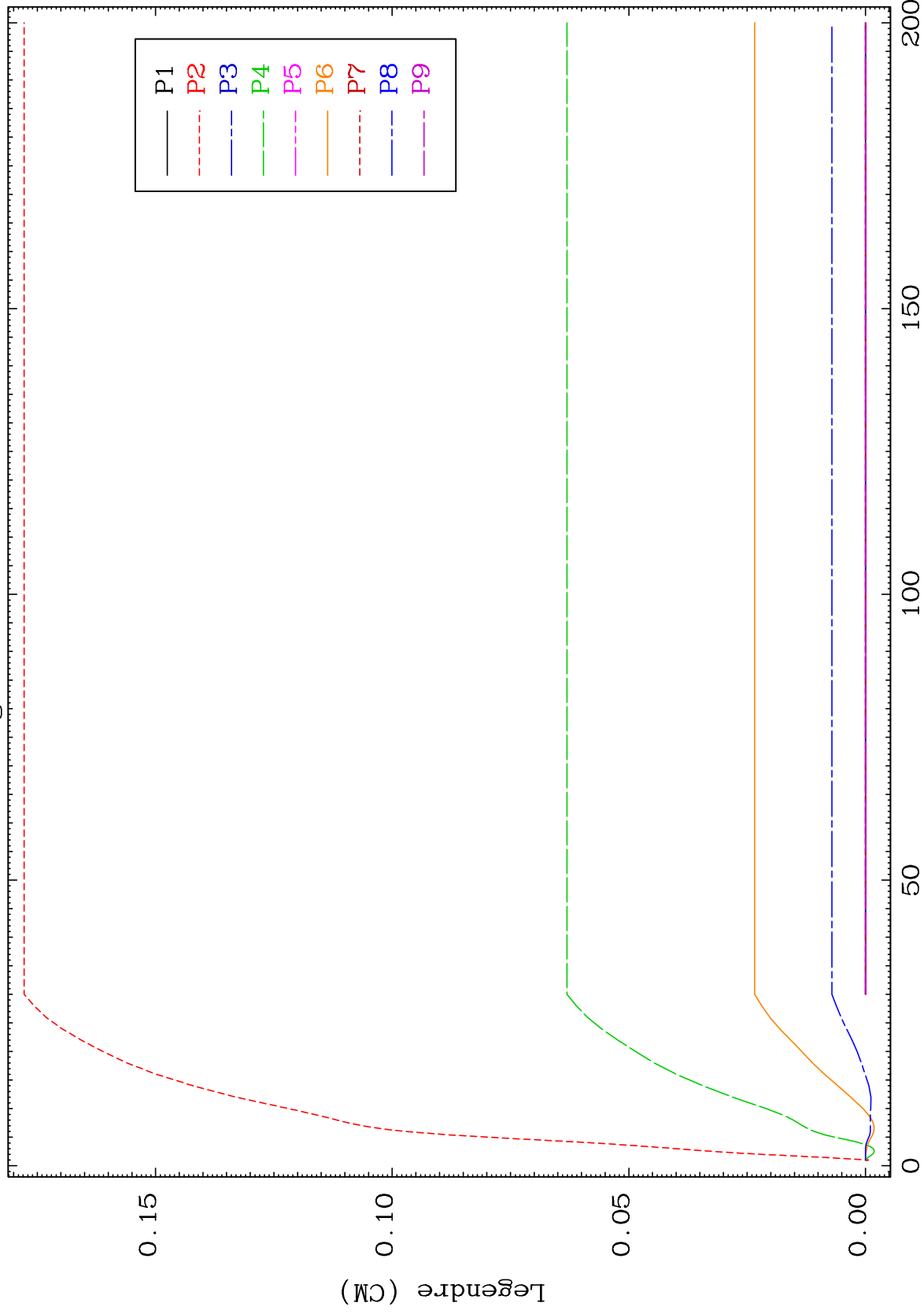
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

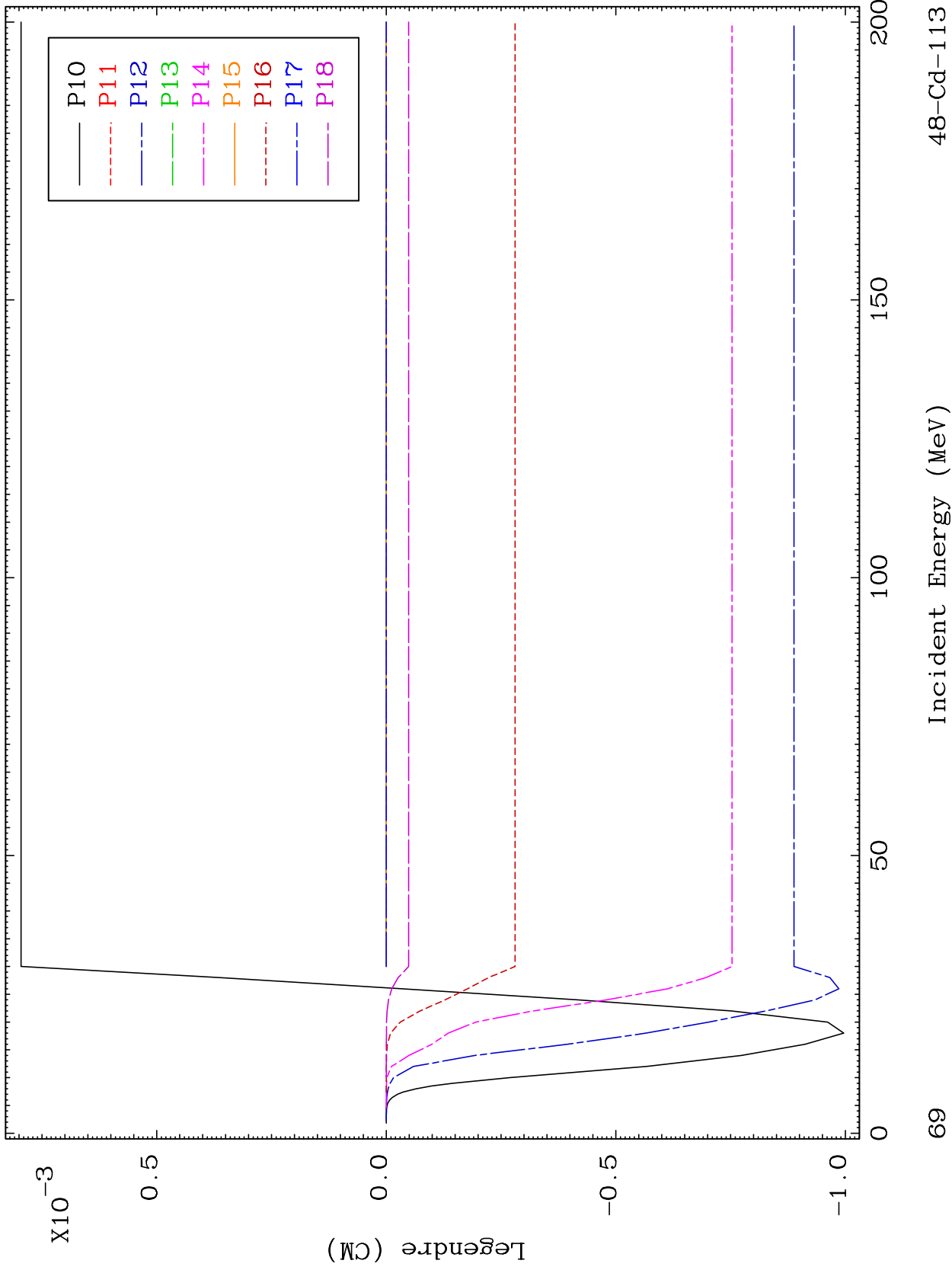
Incident Energy (MeV)

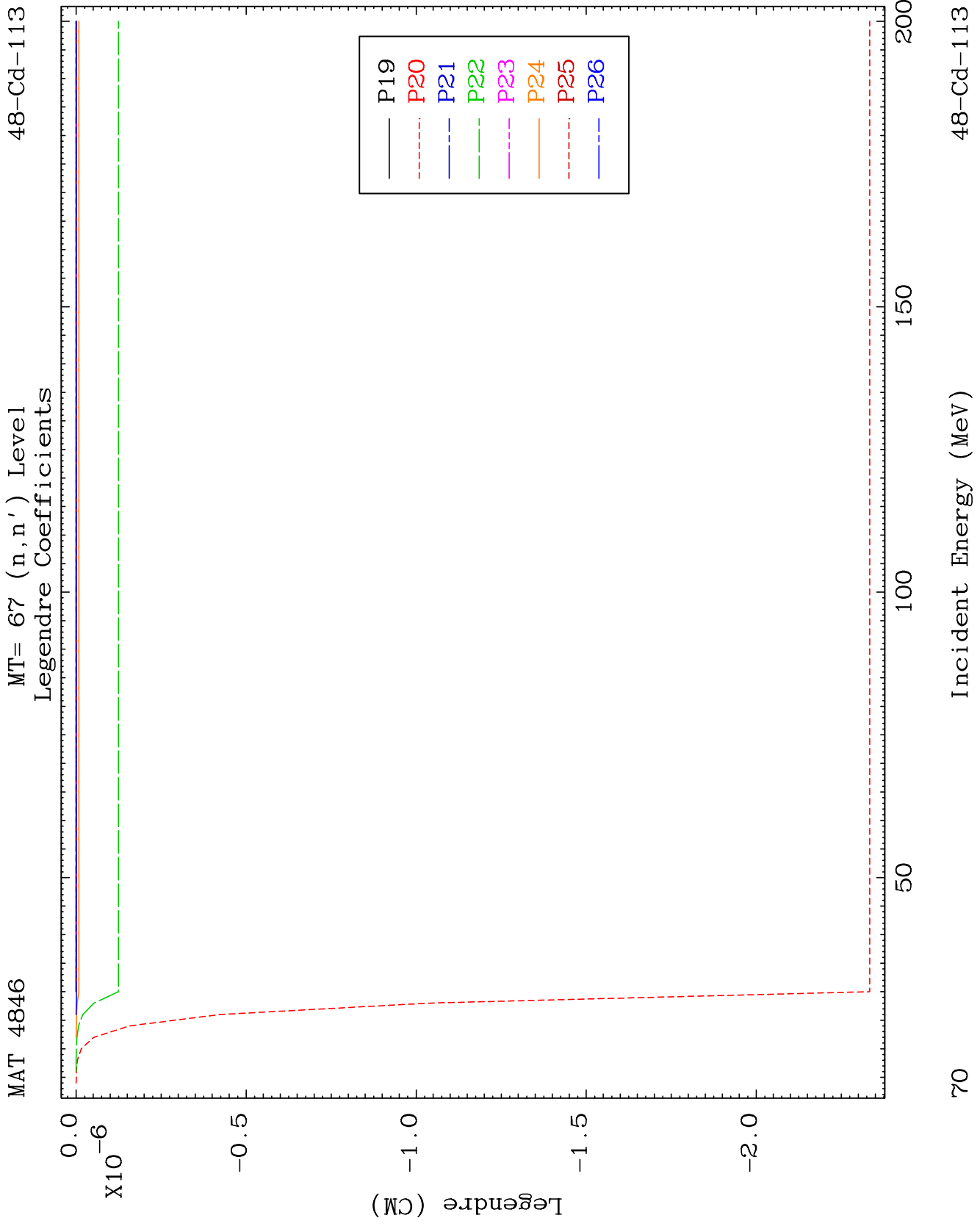
68

MAT 4846

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

48-Cd-113

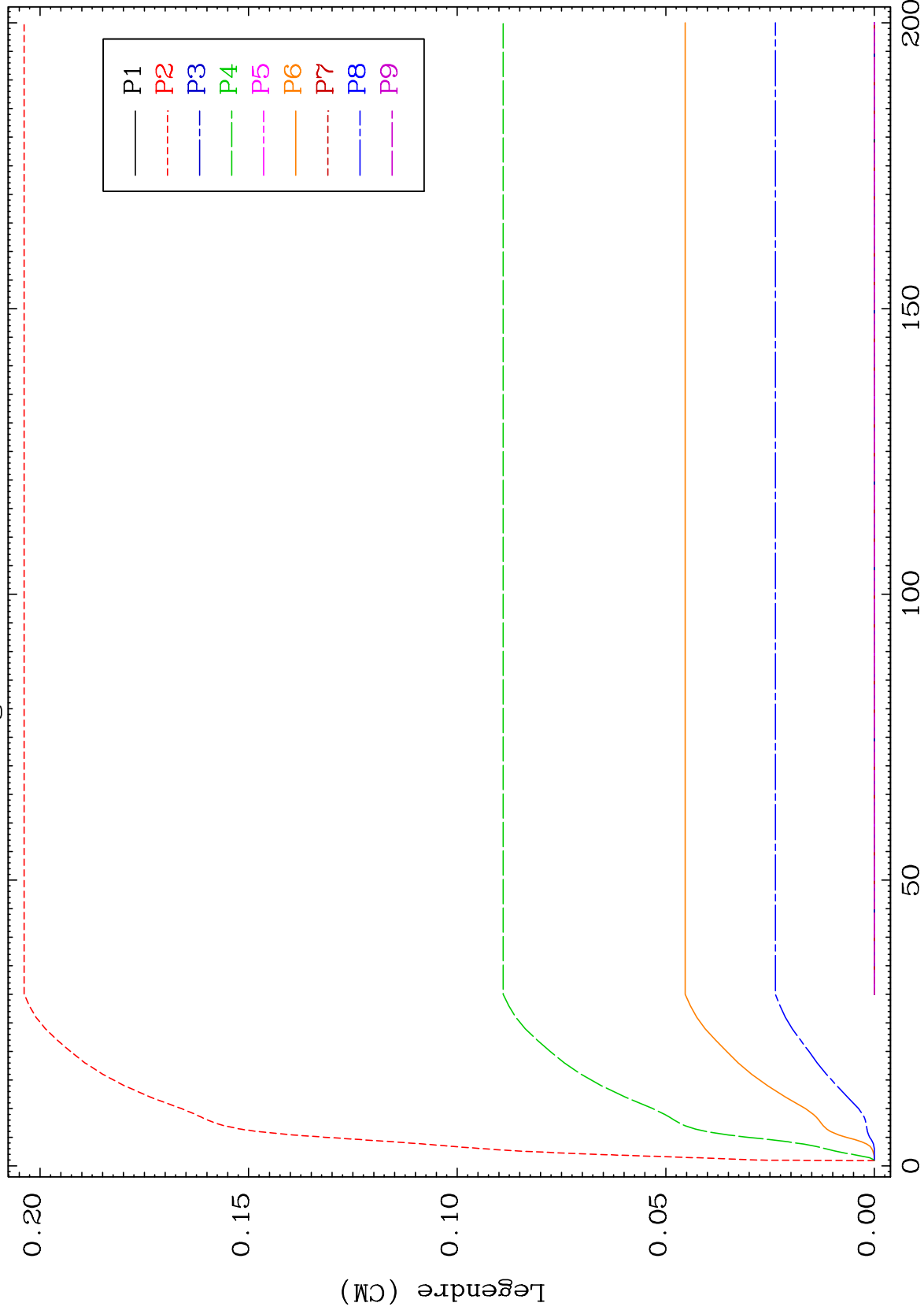




MAT 4846

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

48-Cd-113



71

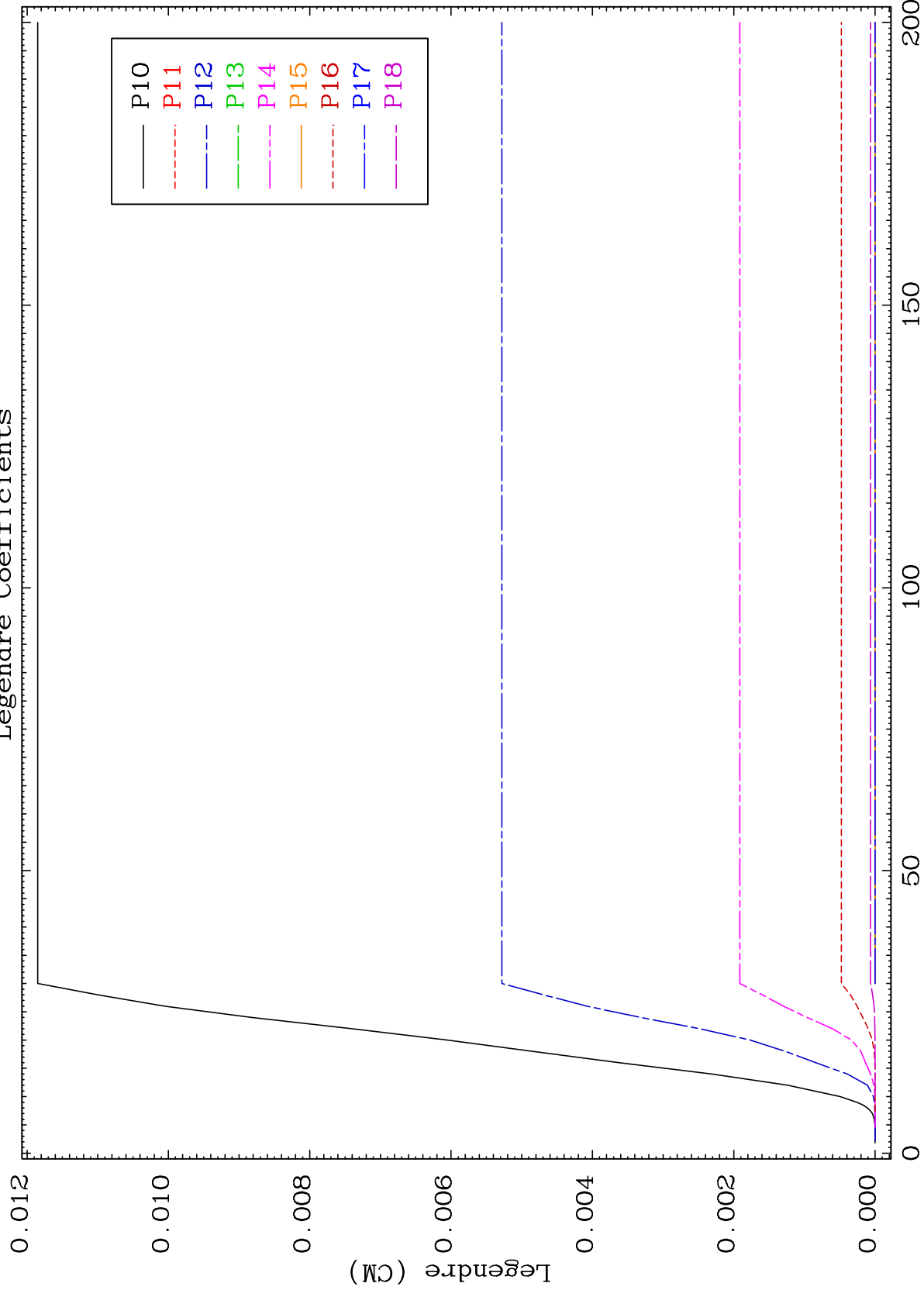
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



72

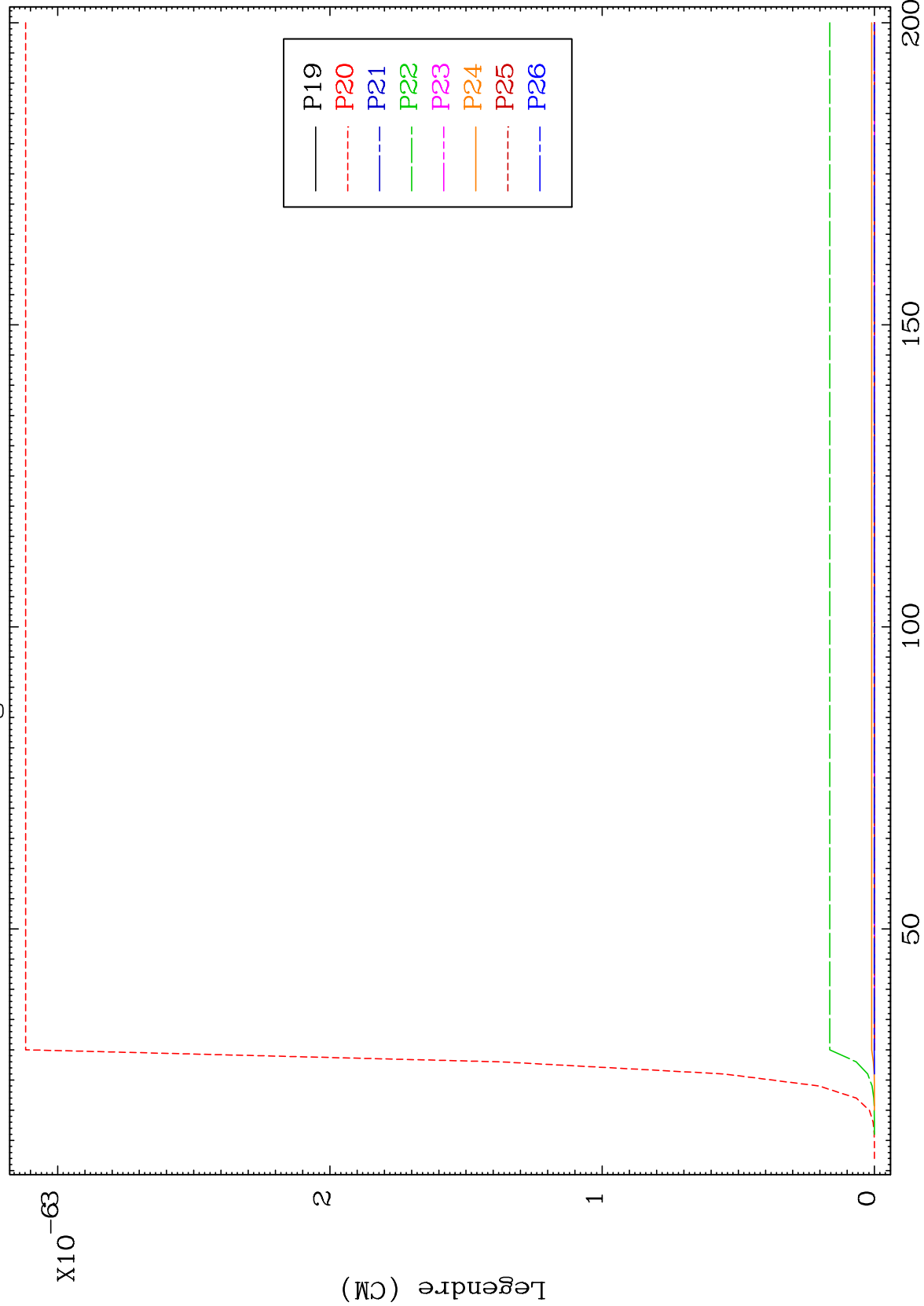
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

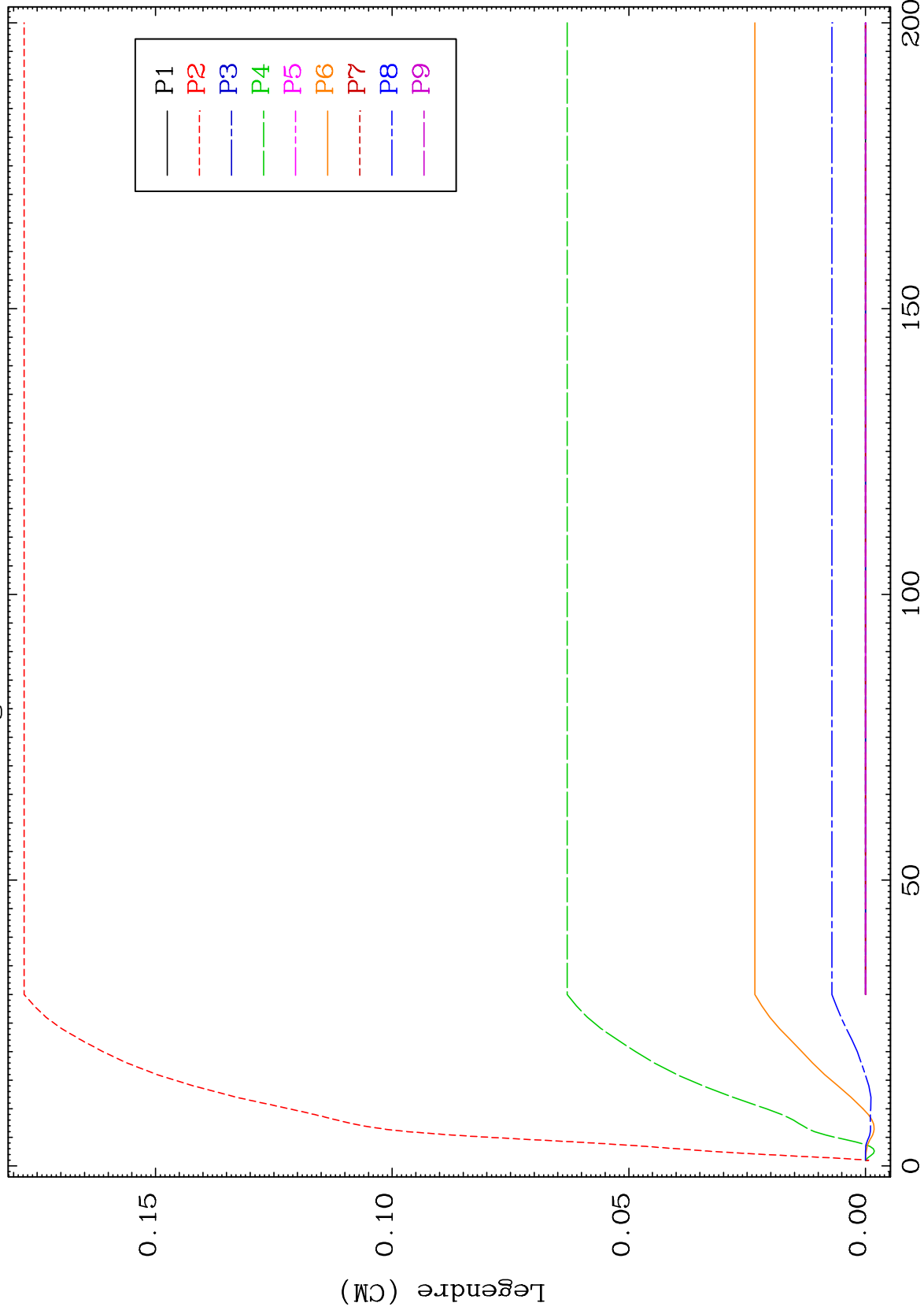
Incident Energy (MeV)

73

MAT 4846

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

48-Cd-113



74

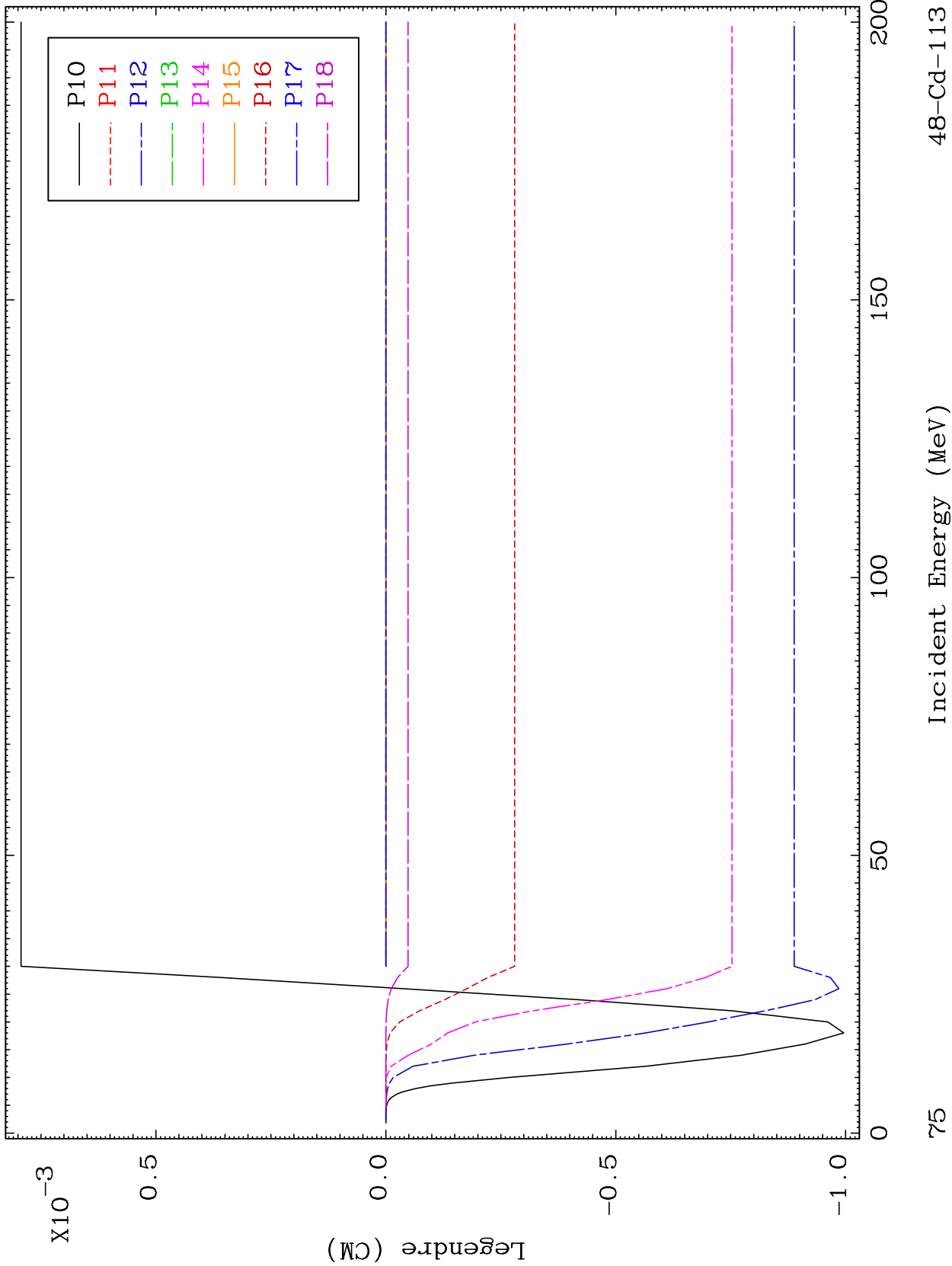
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

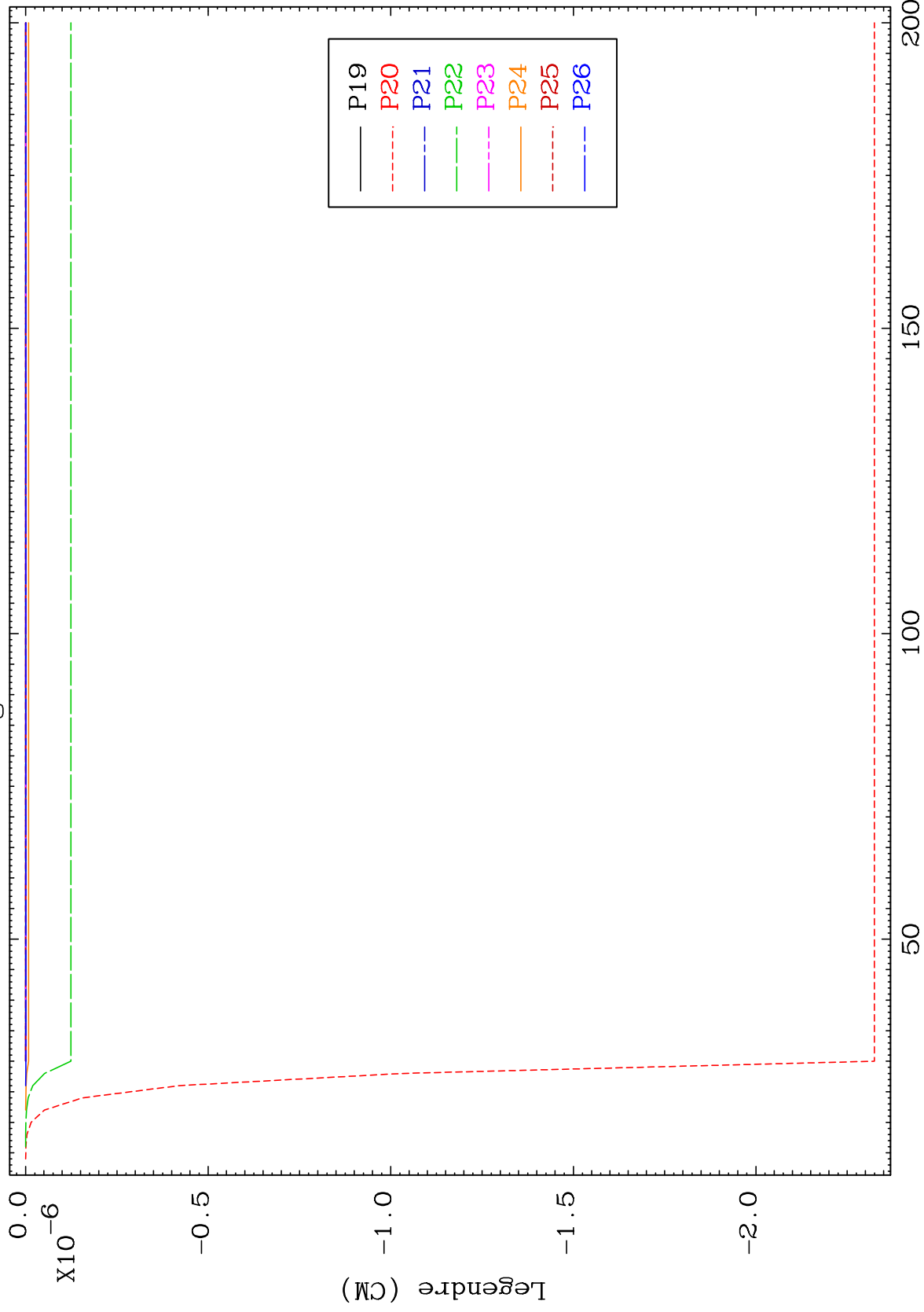
Incident Energy (MeV)

75

MAT 4846

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

48-Cd-113



76

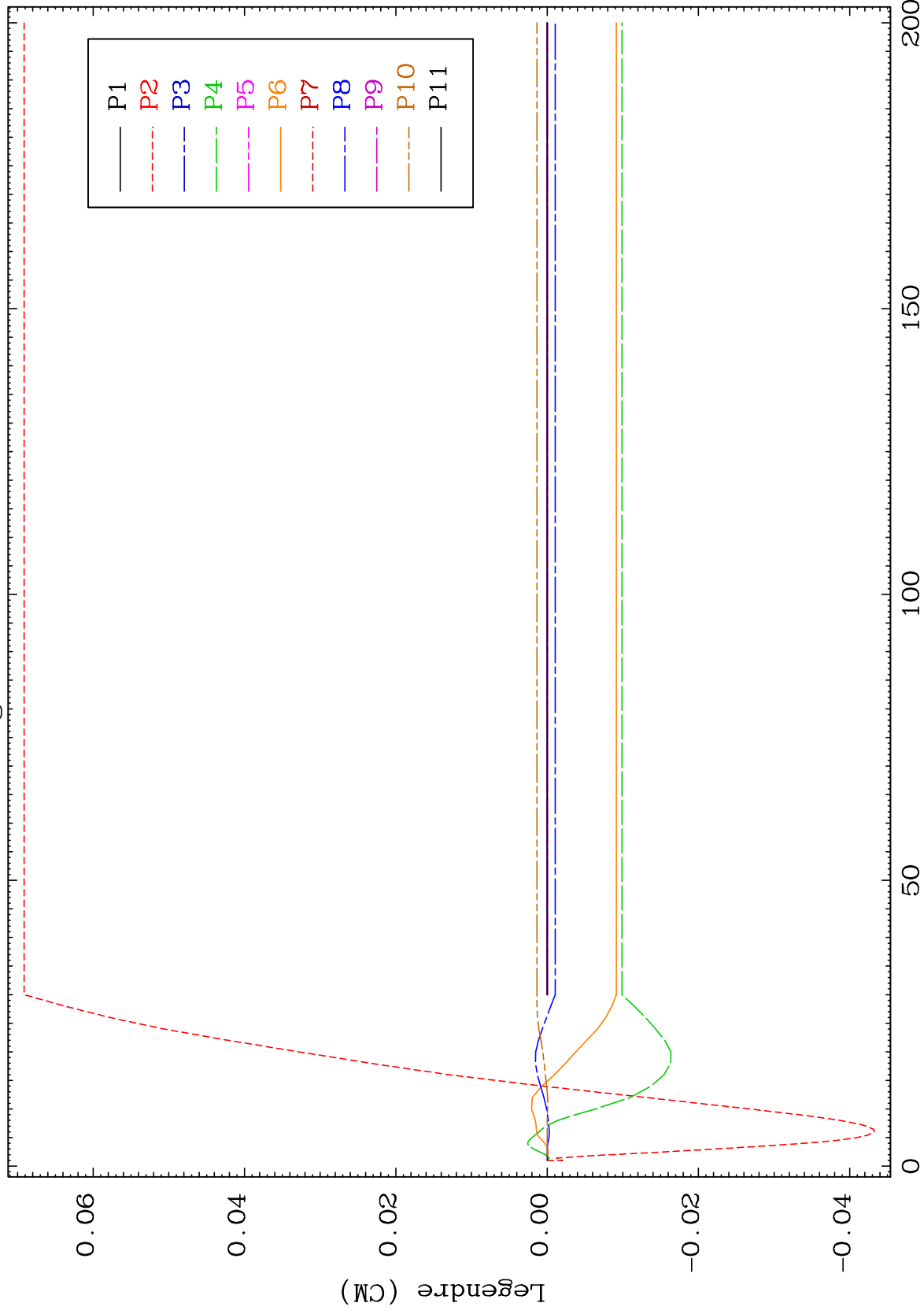
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



77

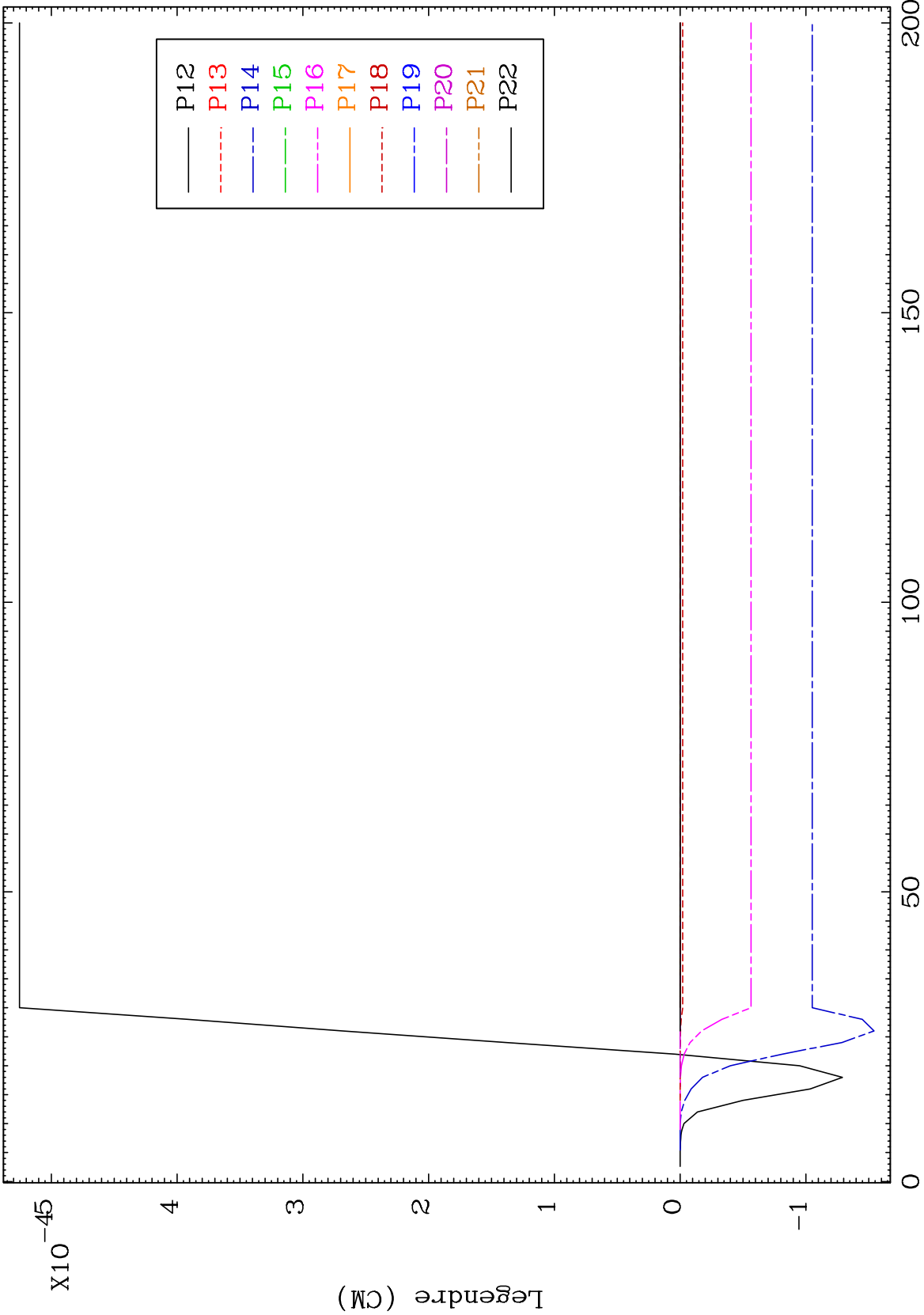
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



78

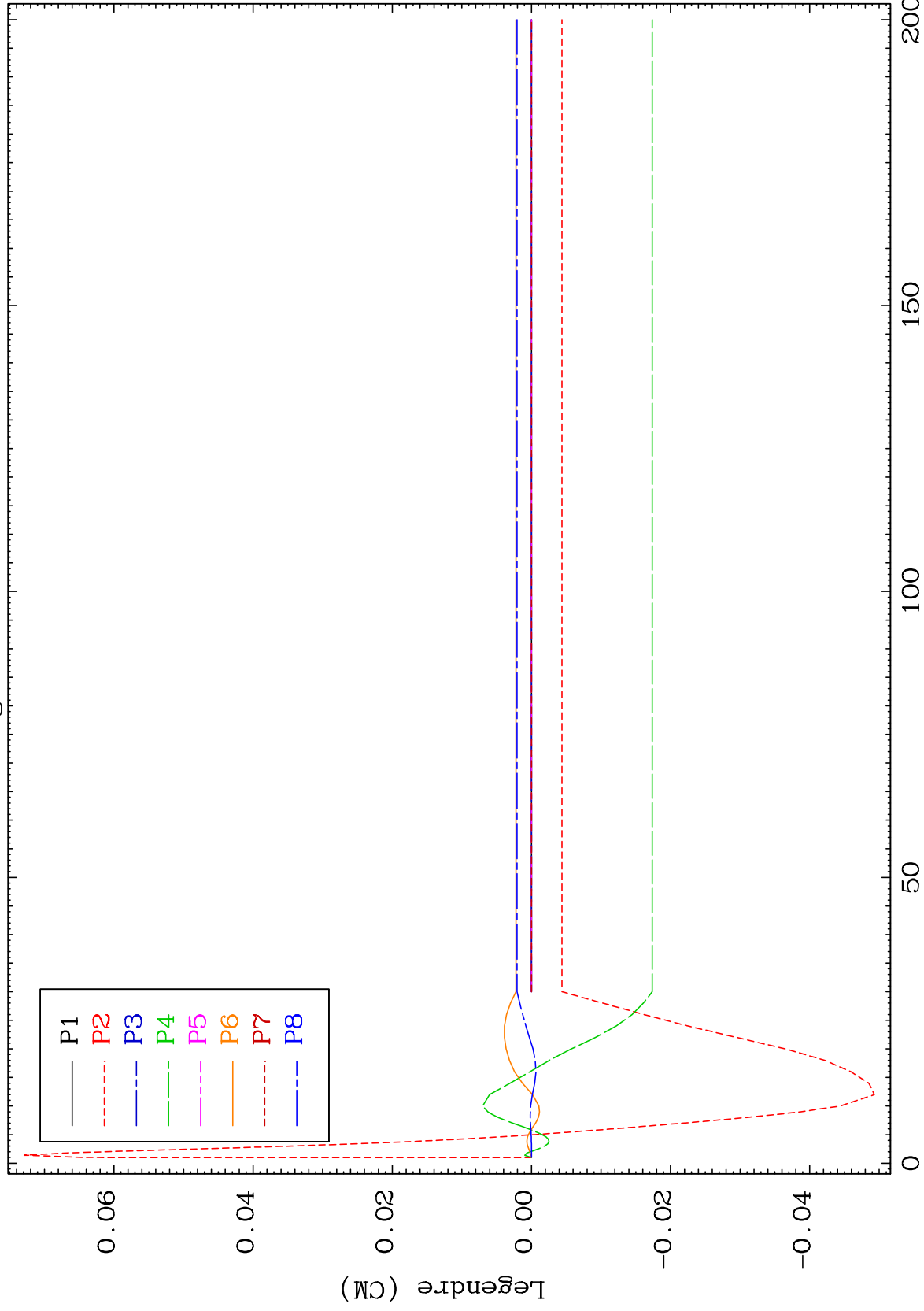
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



79

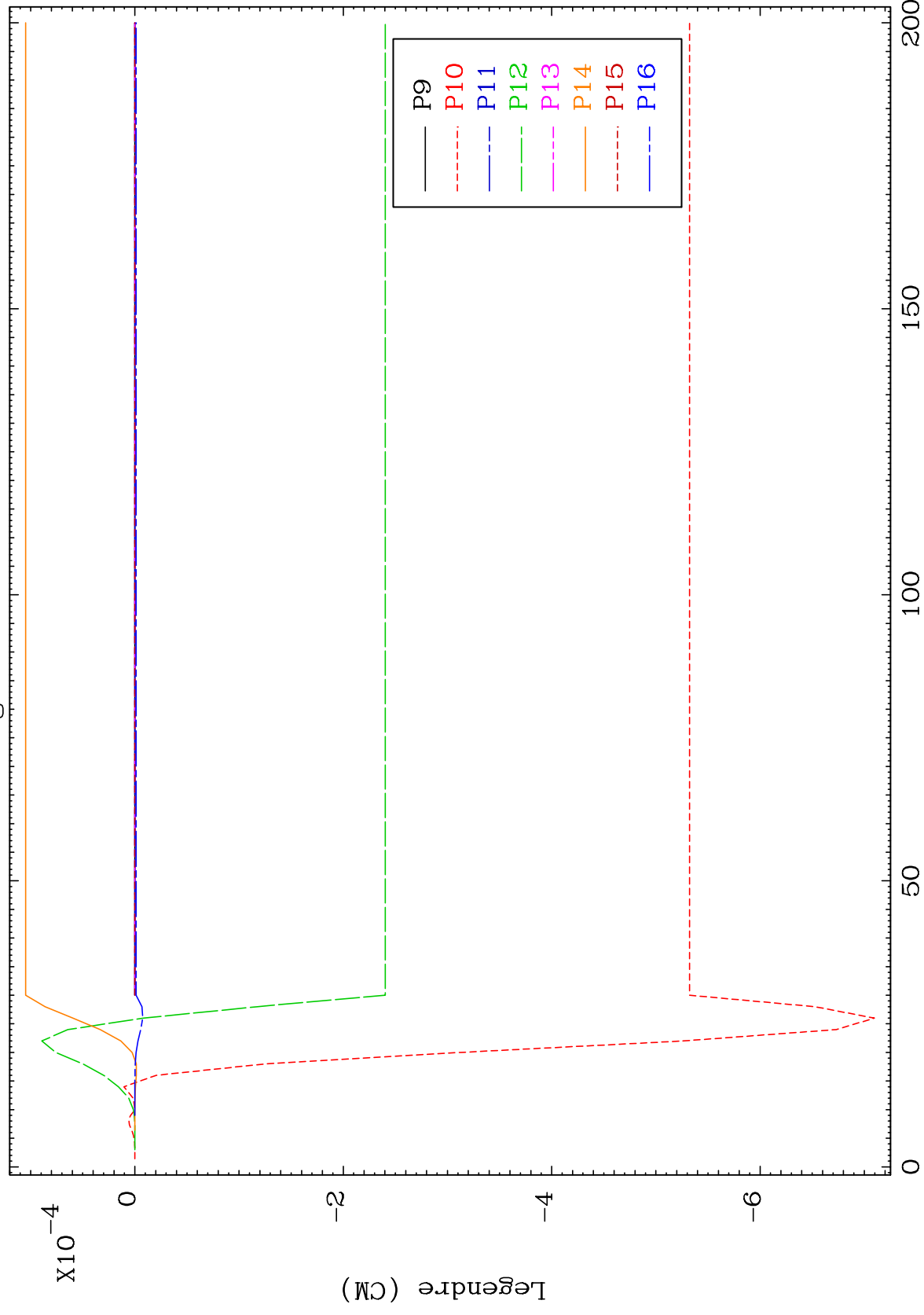
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

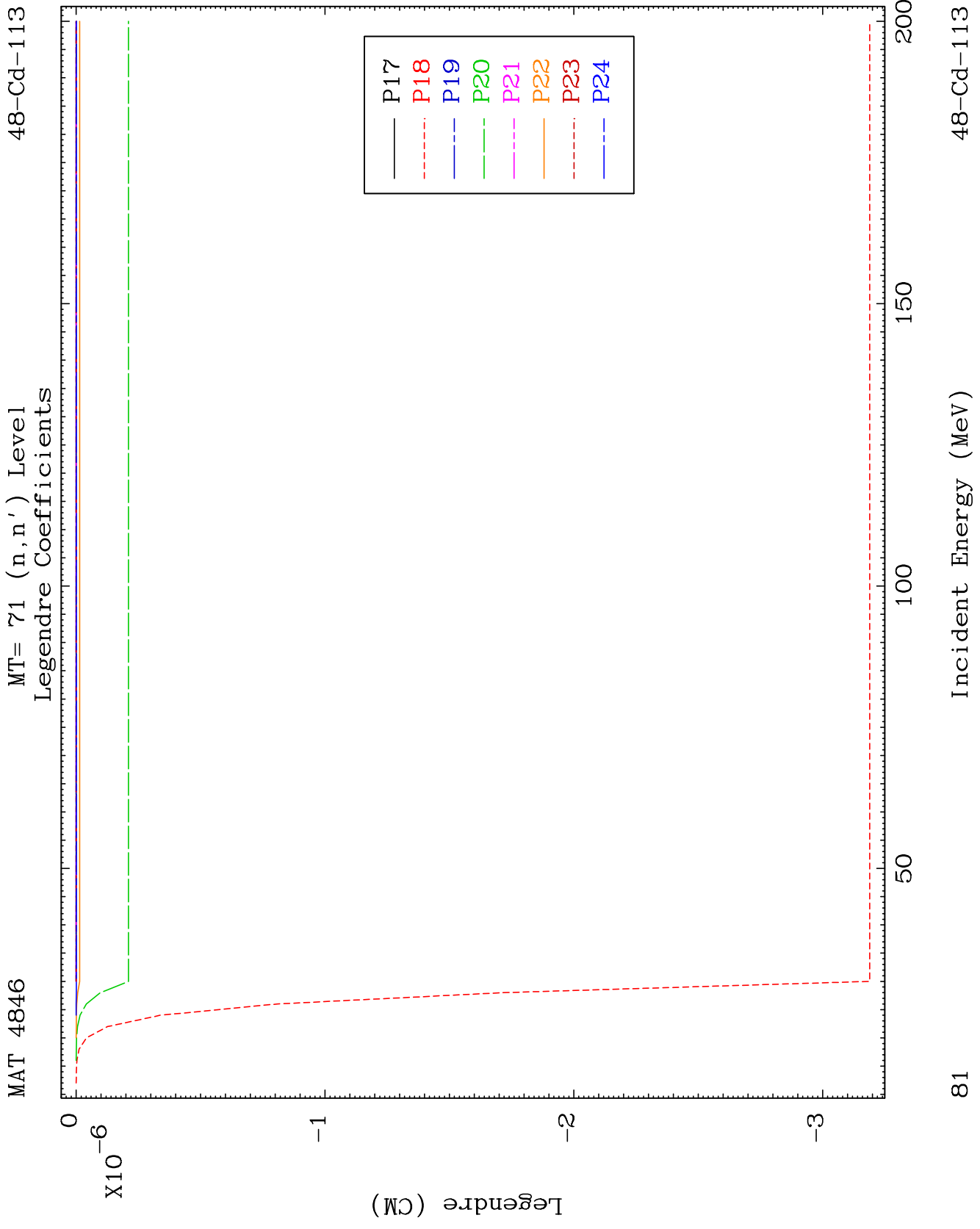
48-Cd-113



80

Incident Energy (MeV)

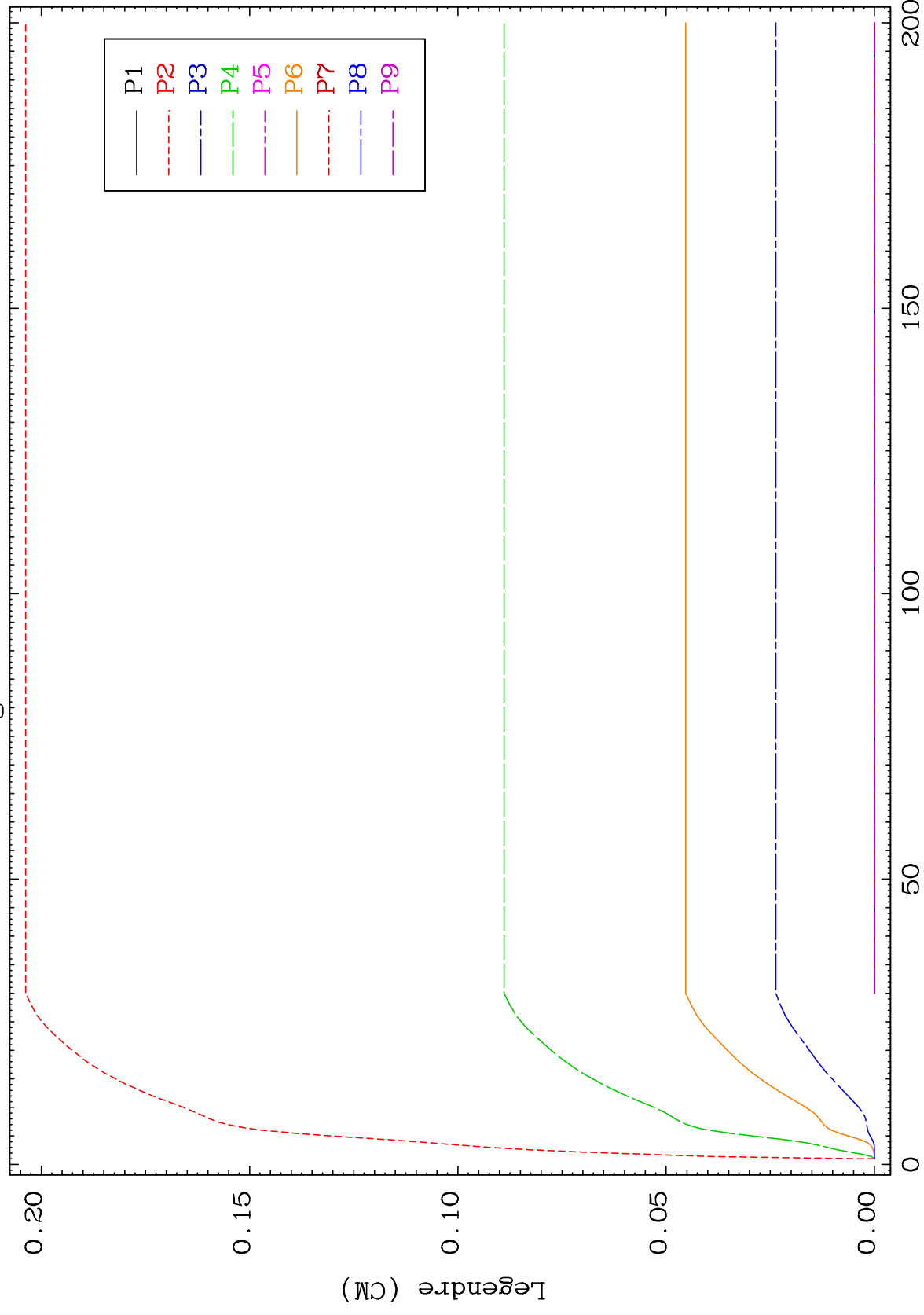
48-Cd-113



MAT 4846

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

48-Cd-113



82

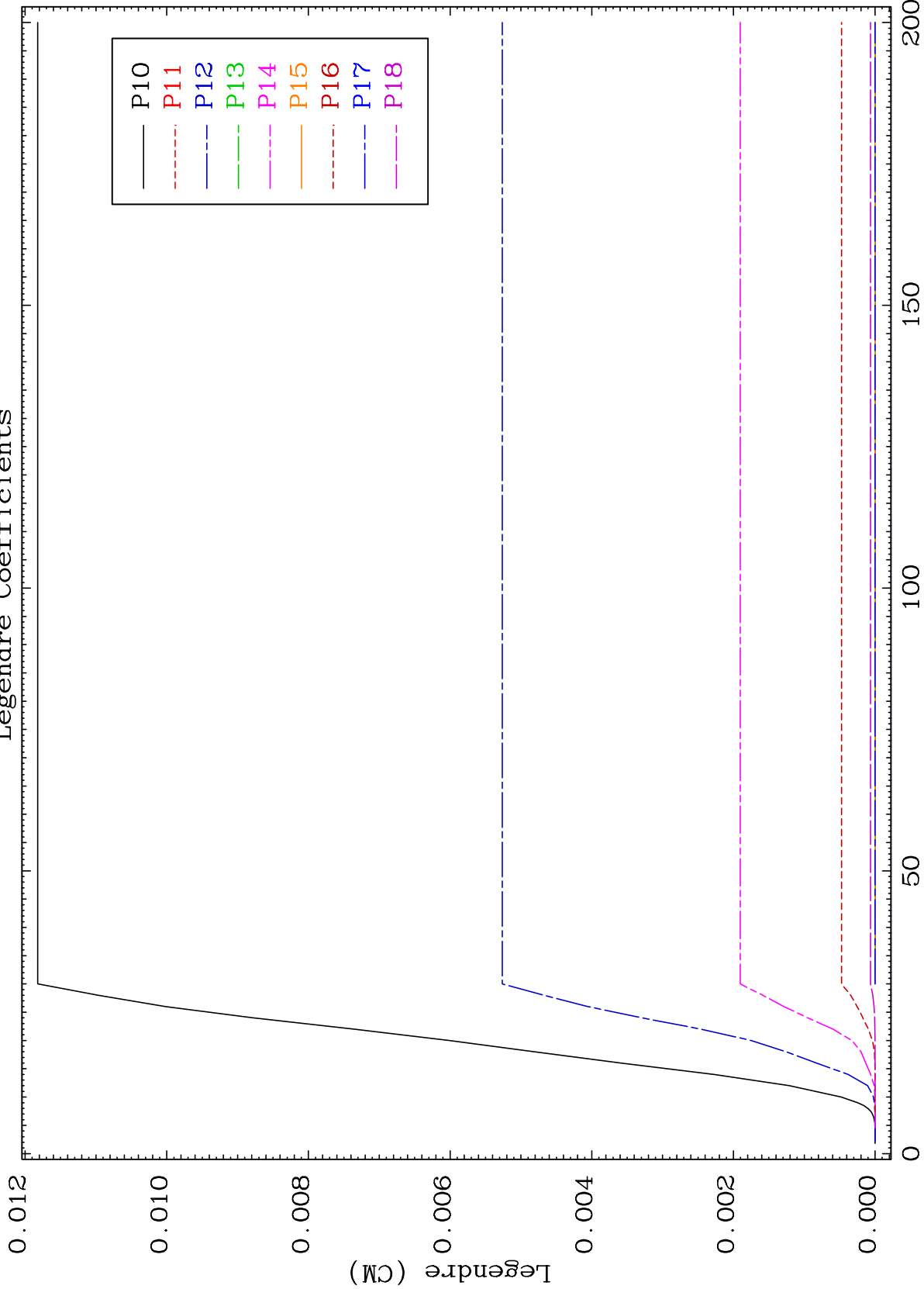
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



83

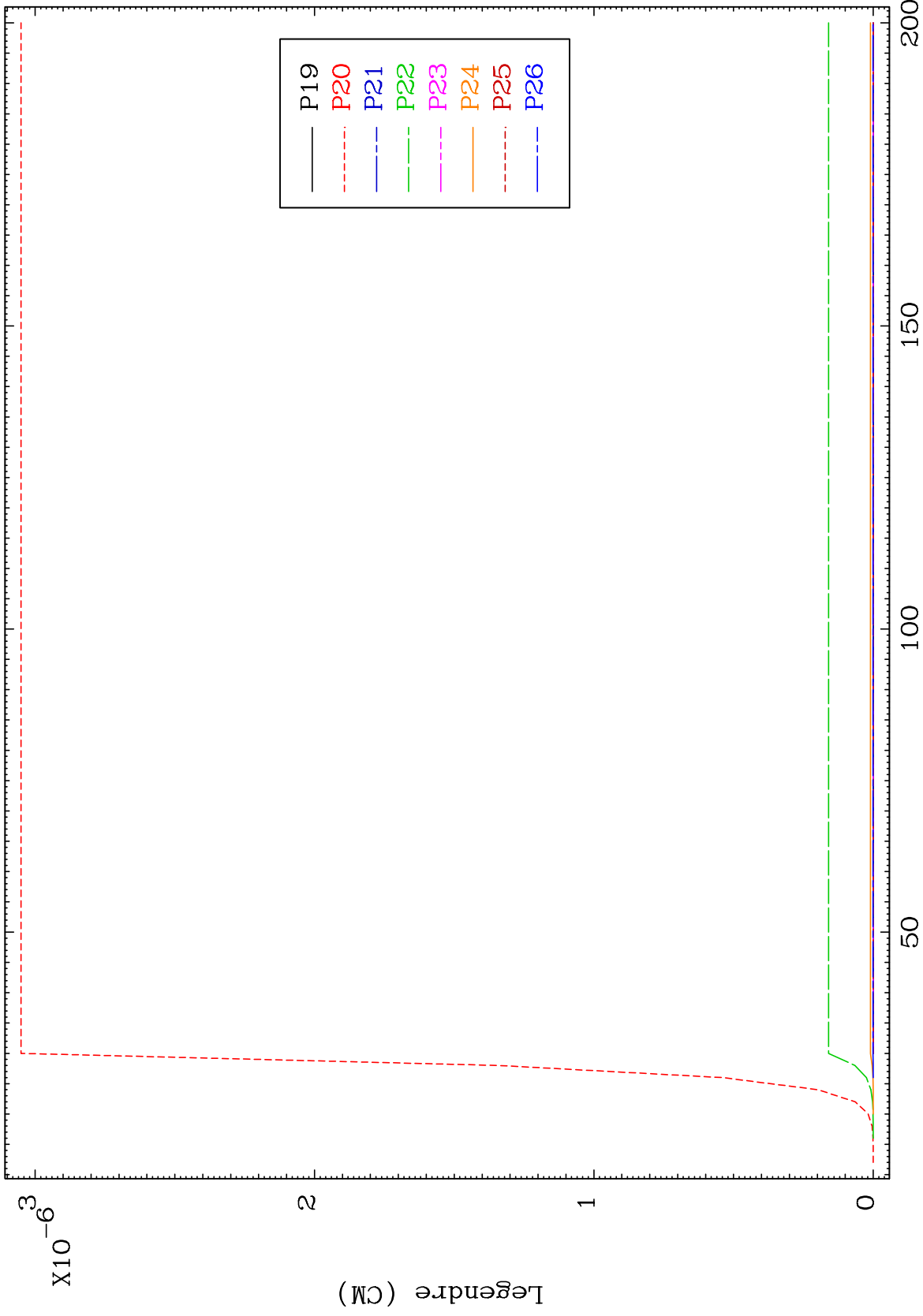
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



84

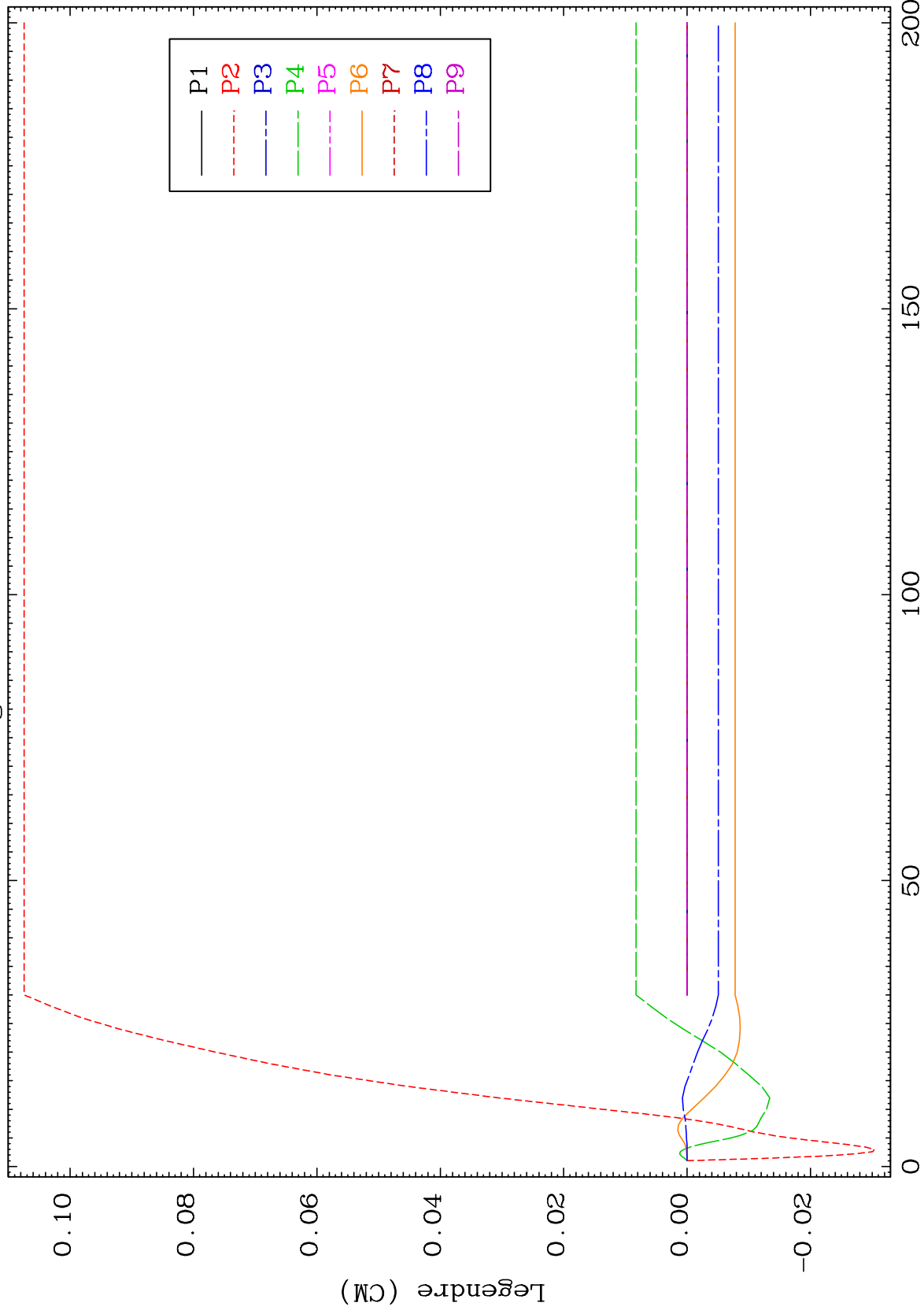
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



85

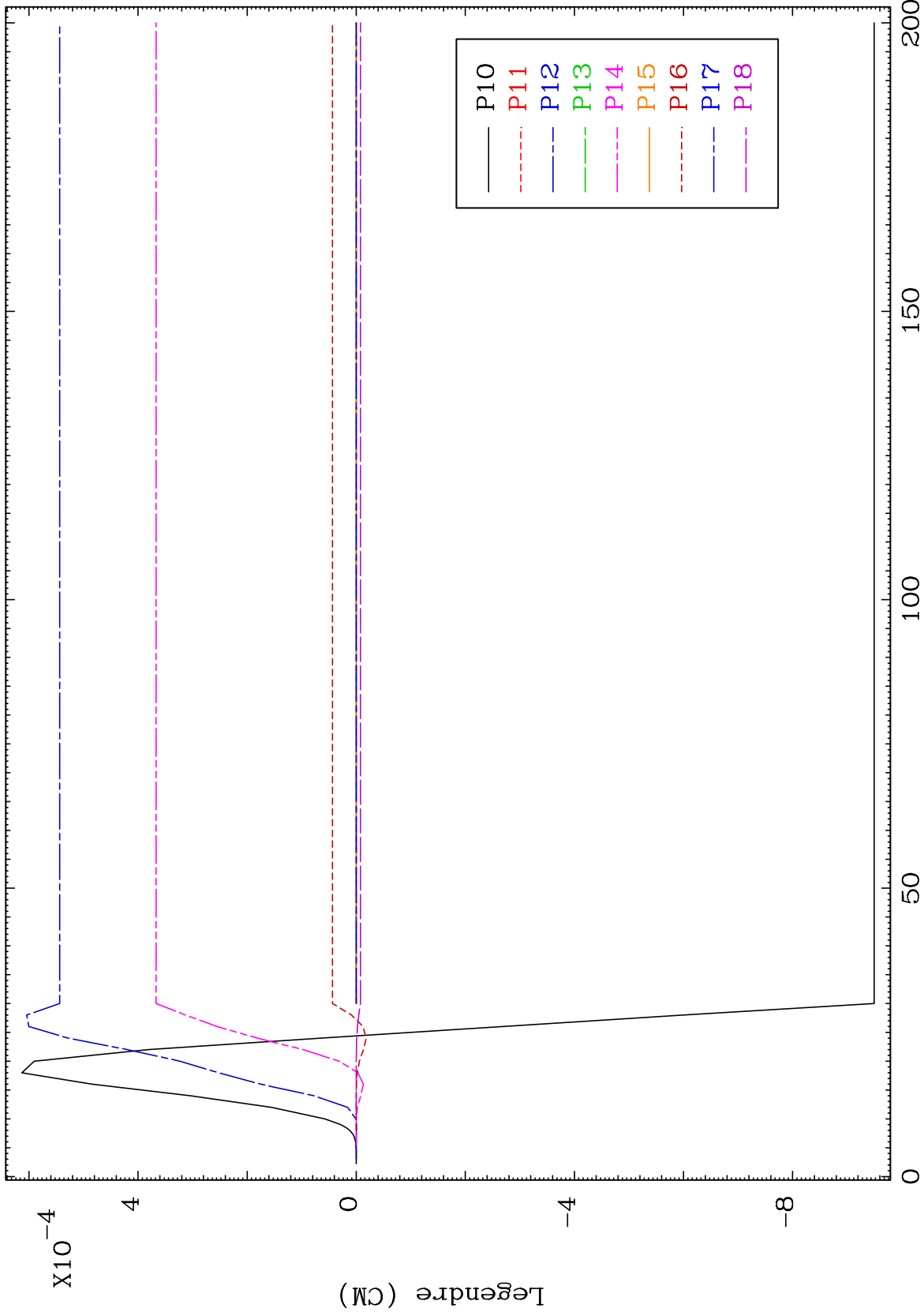
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



86

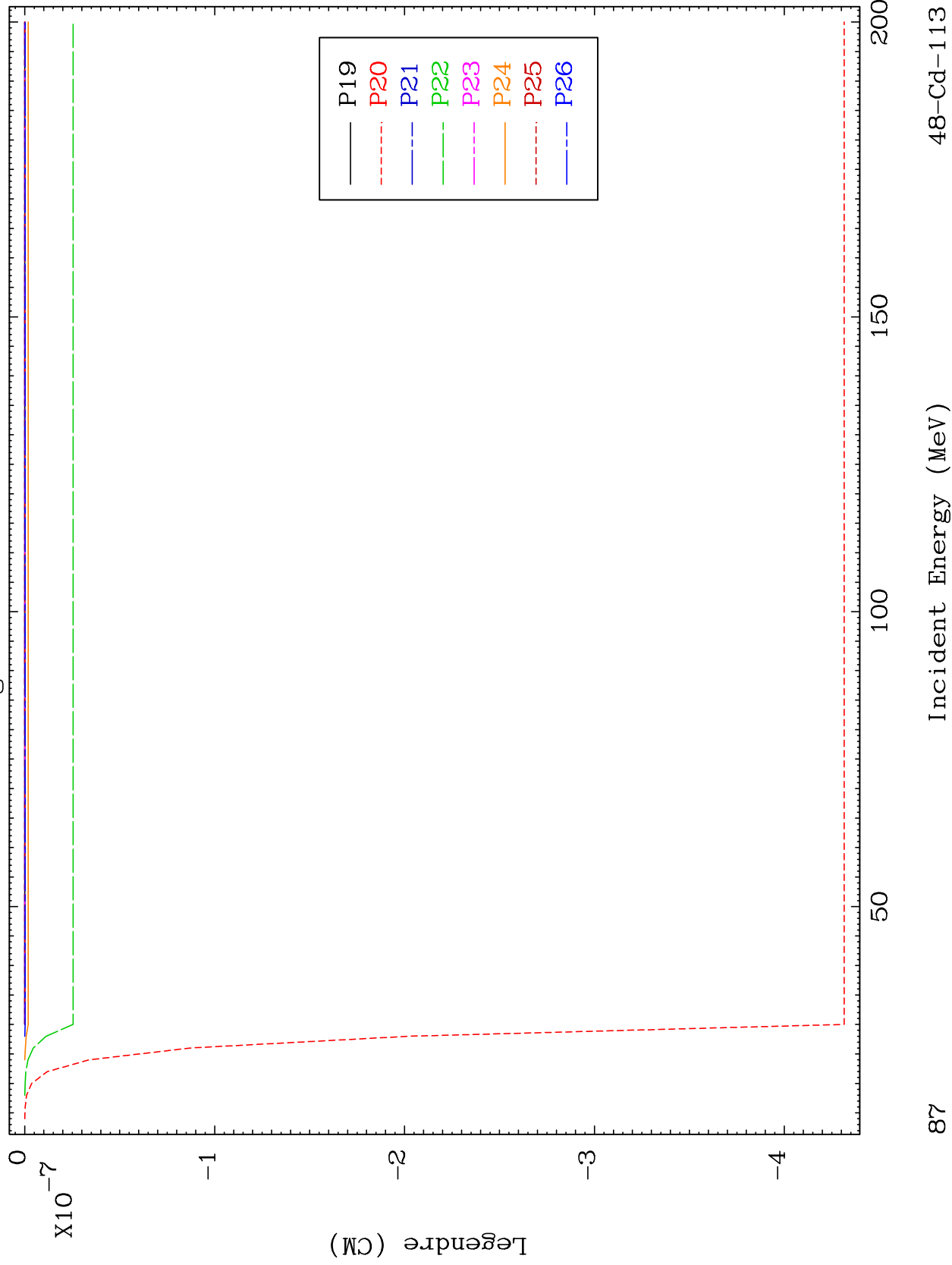
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



87

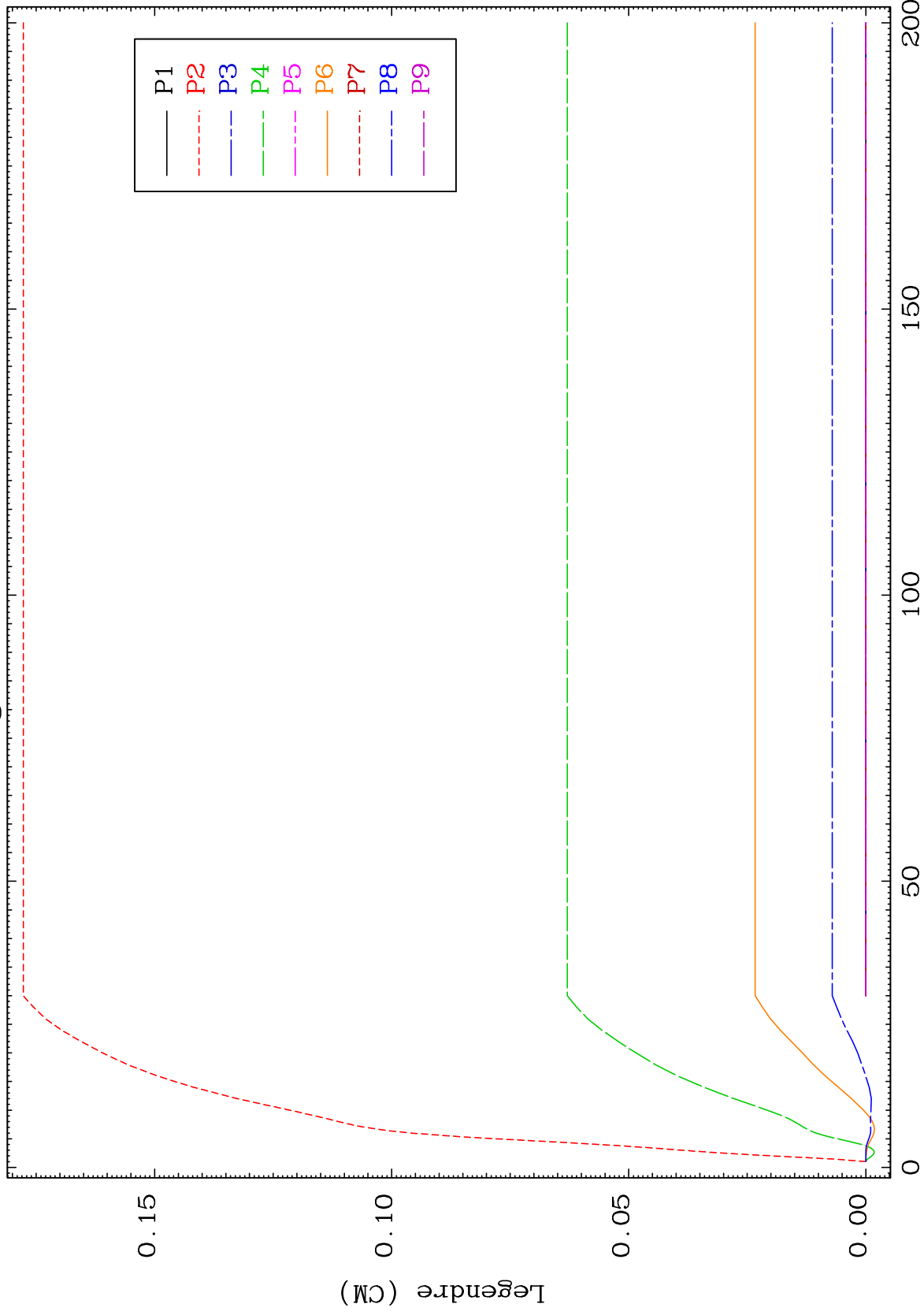
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



88

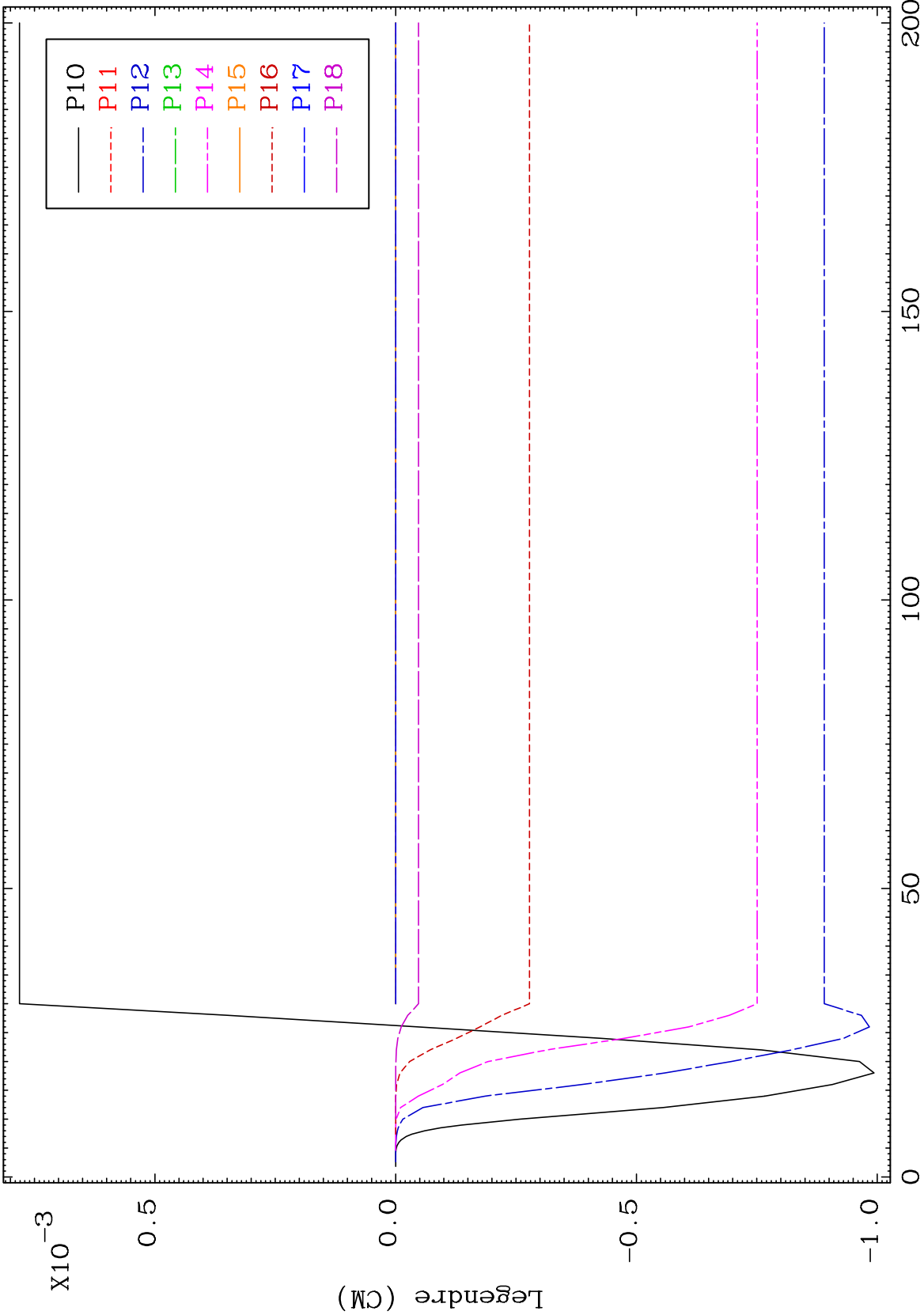
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

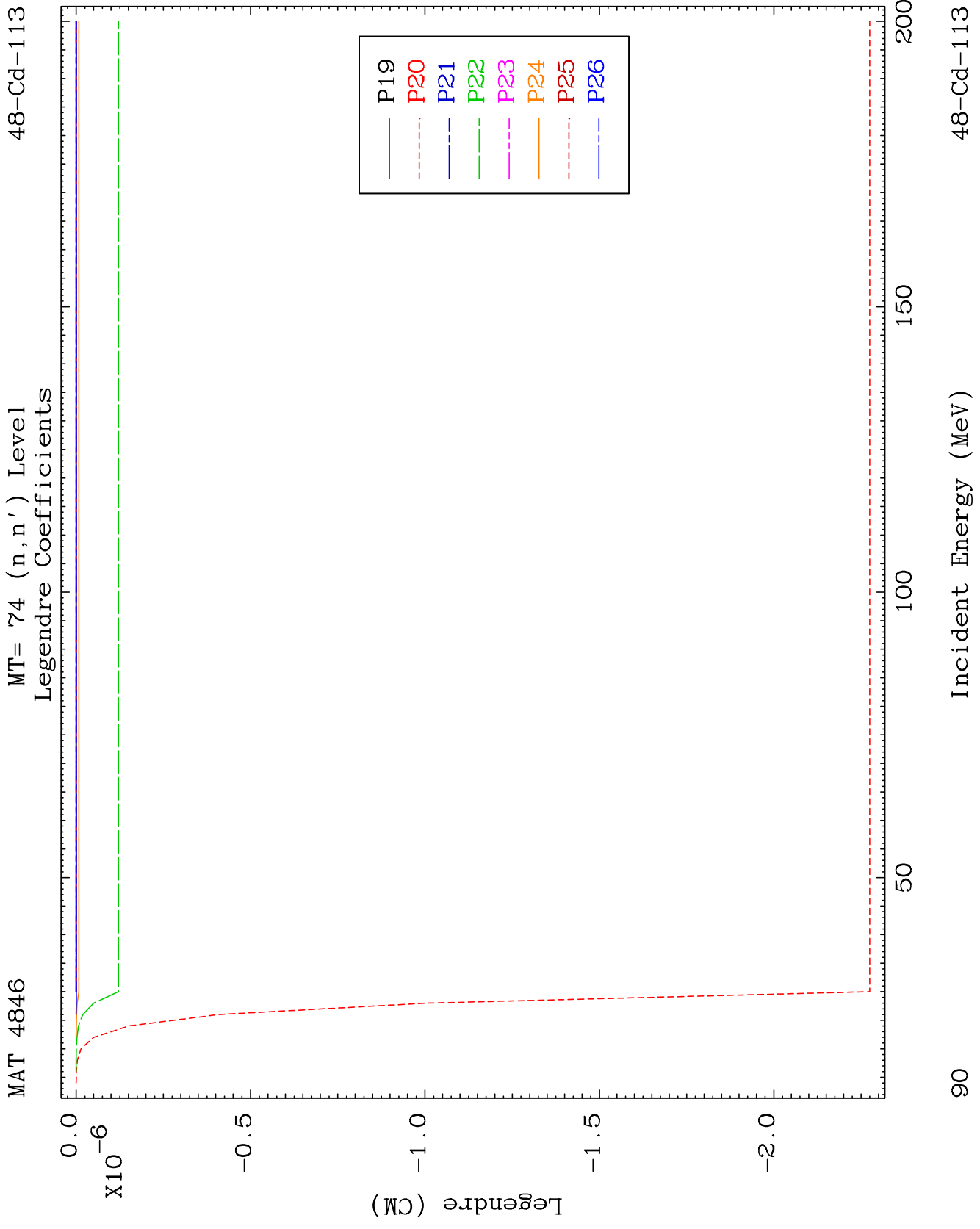
48-Cd-113

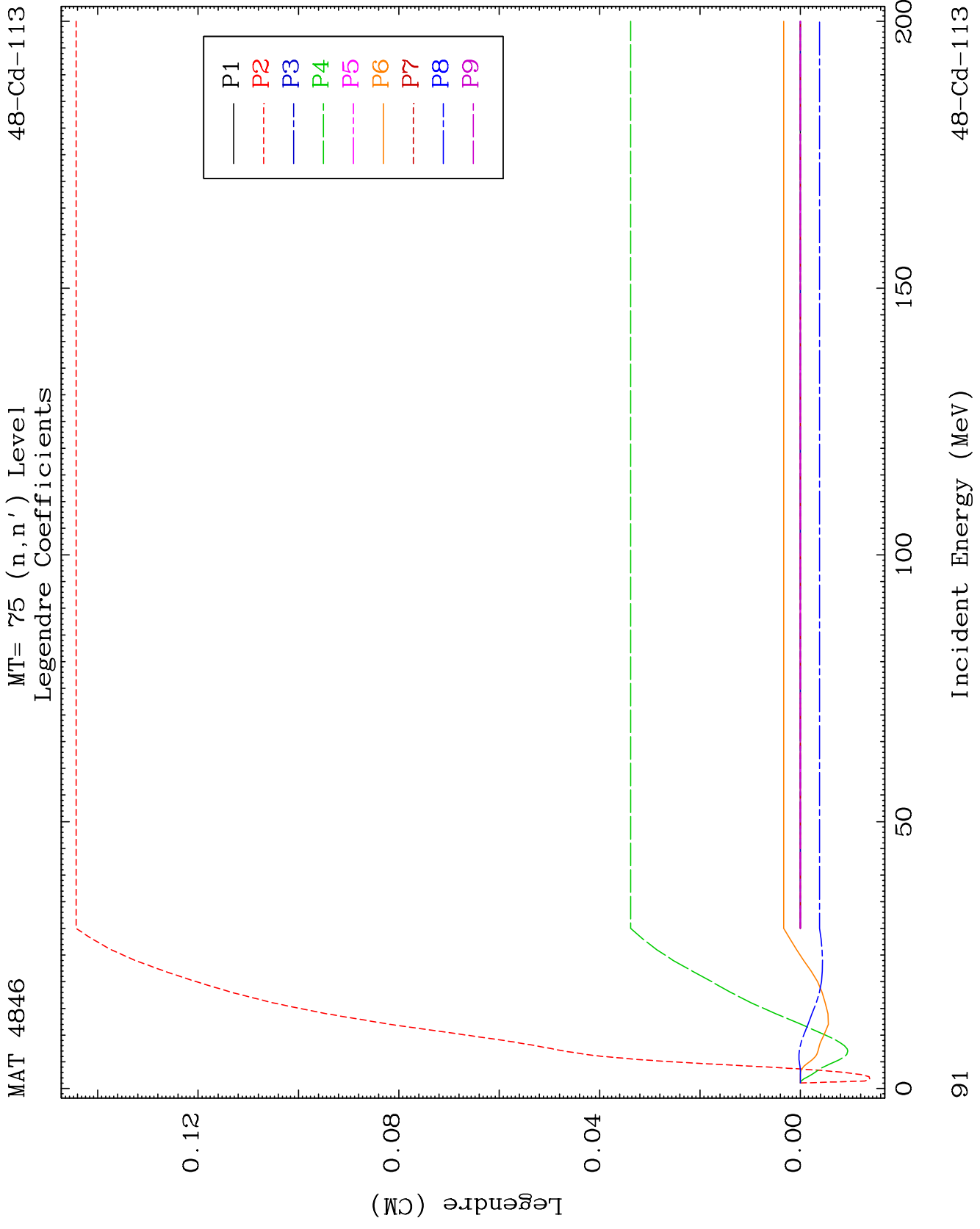


89

Incident Energy (MeV)

48-Cd-113

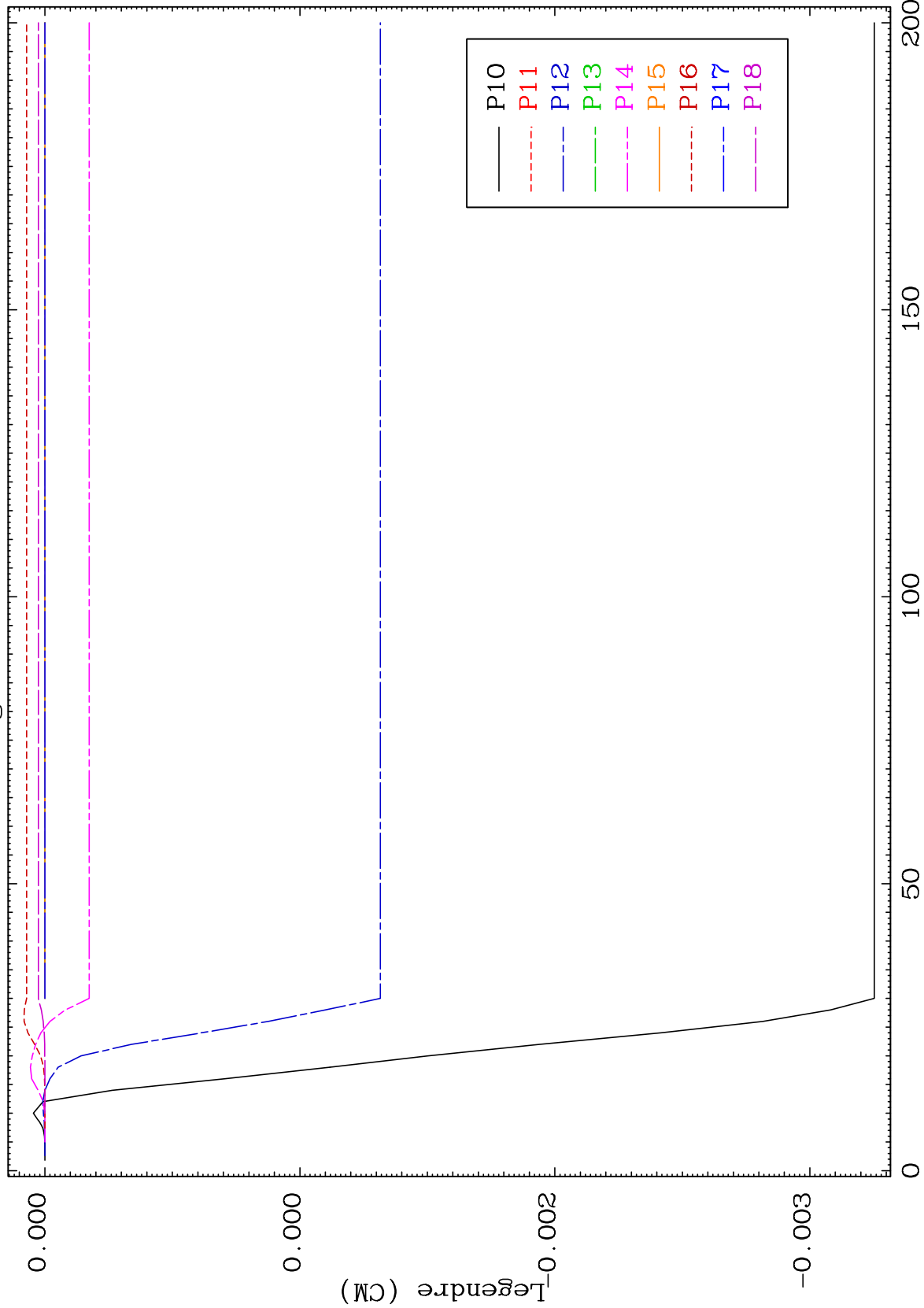




MAT 4846

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

48-Cd-113



92

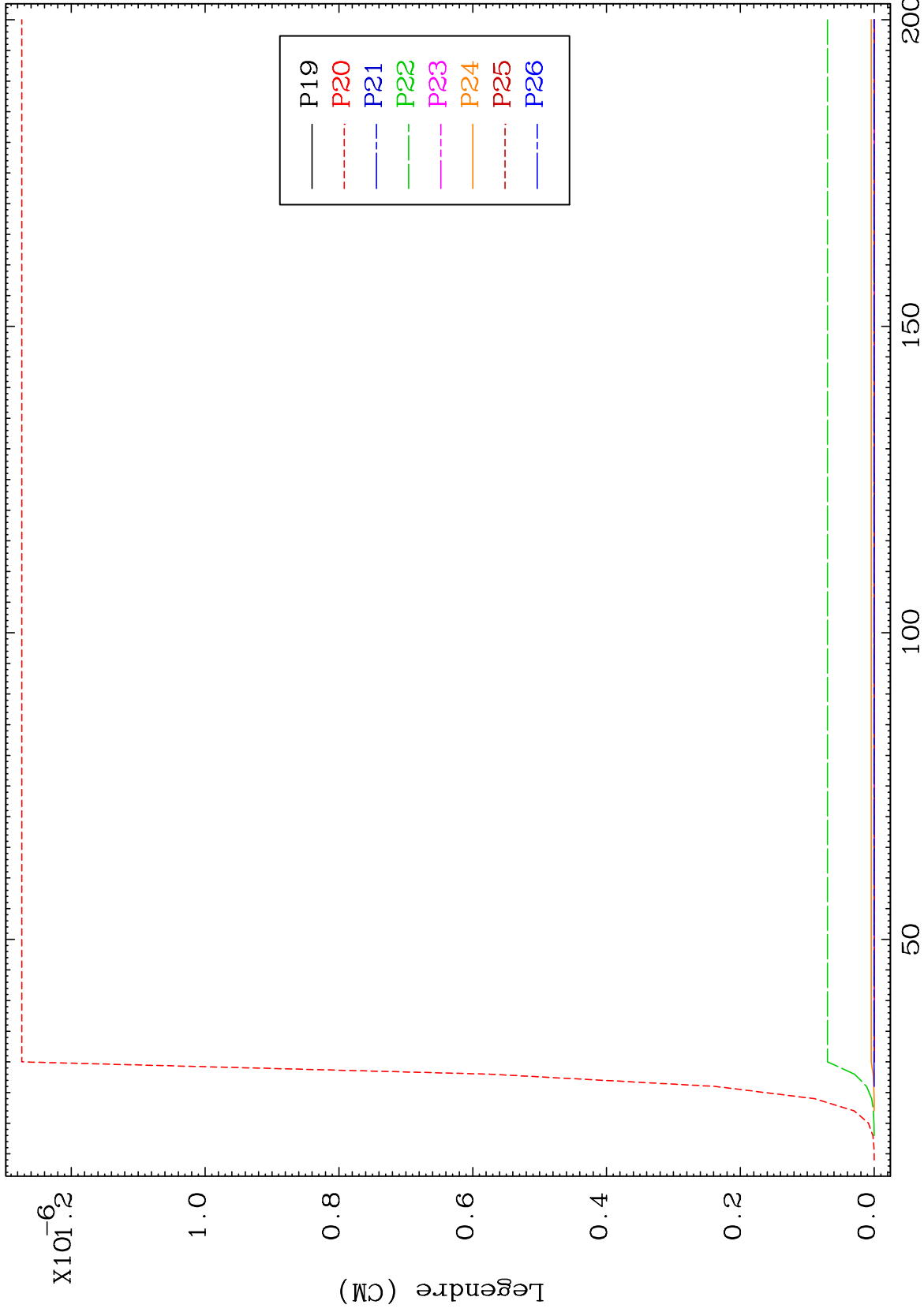
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



93

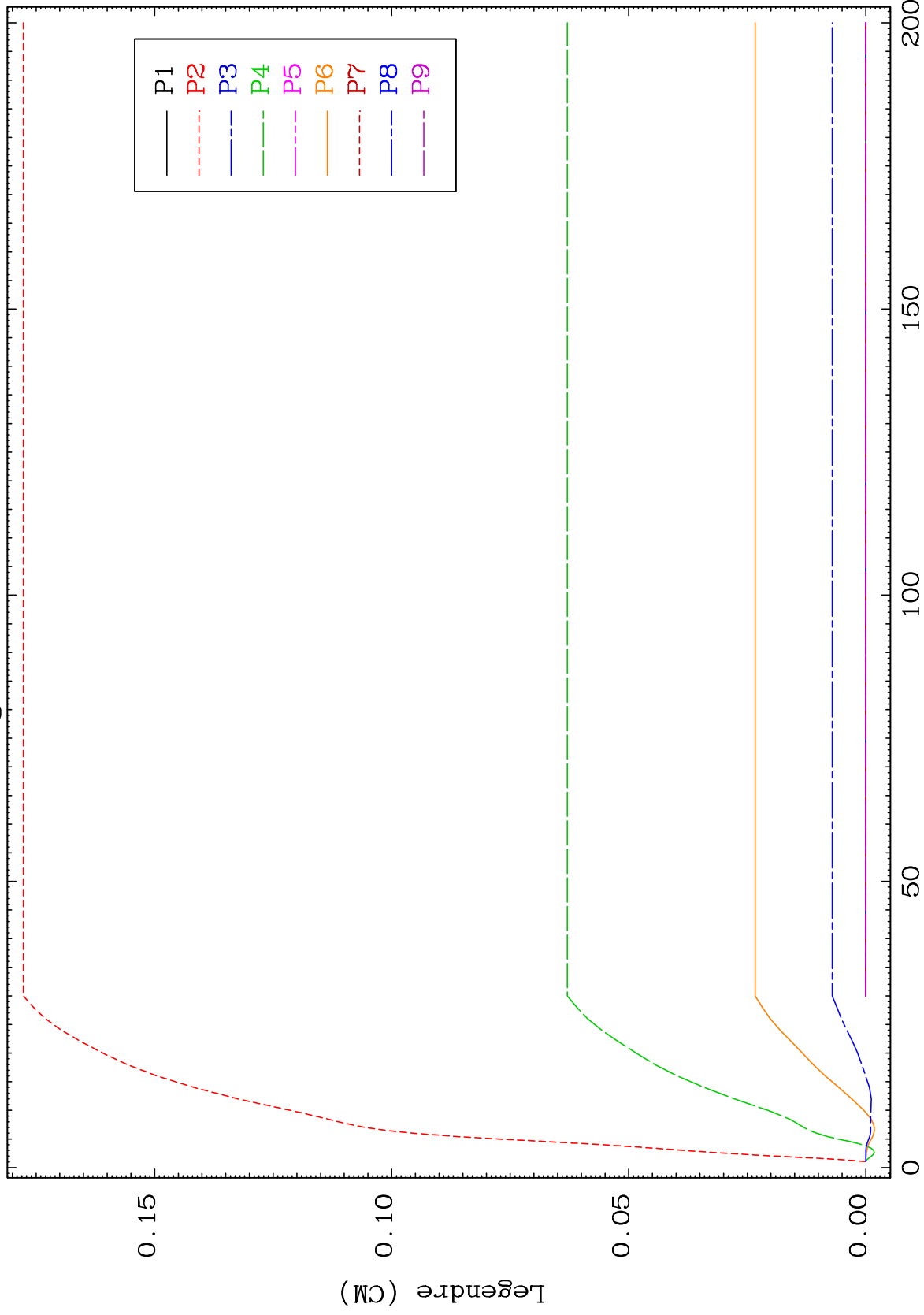
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



94

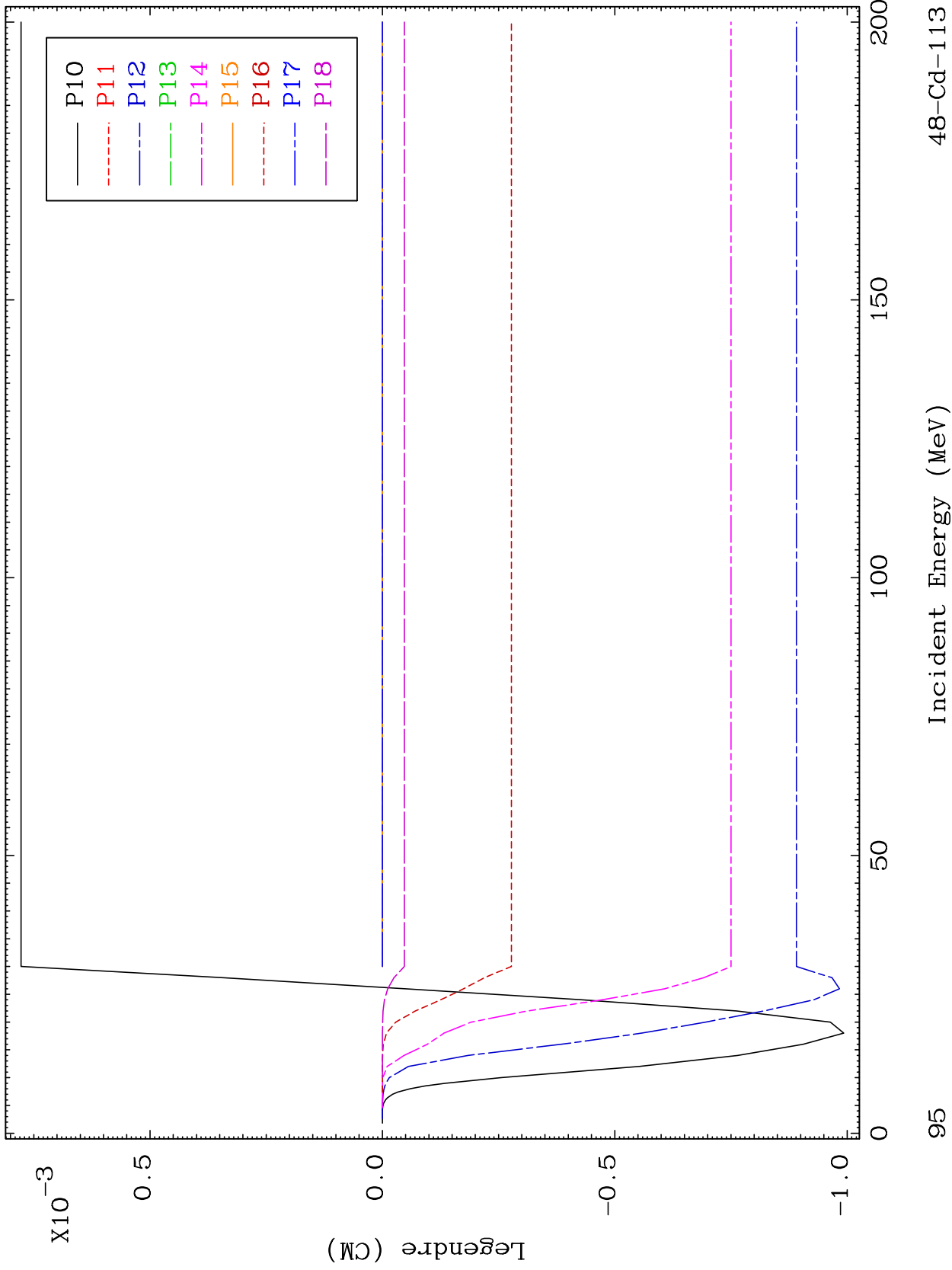
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

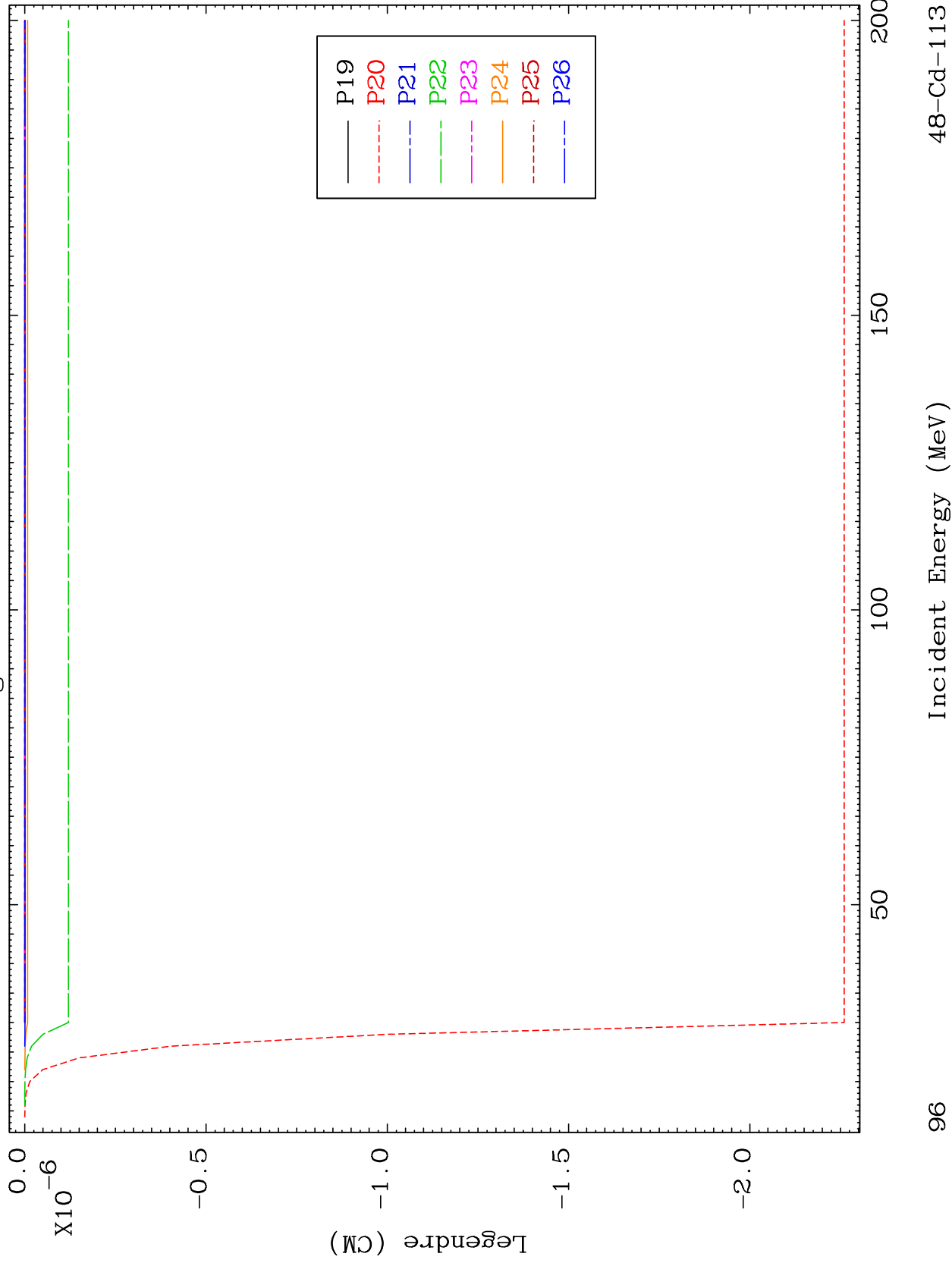
48-Cd-113



MAT 4846

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

48-Cd-113



96

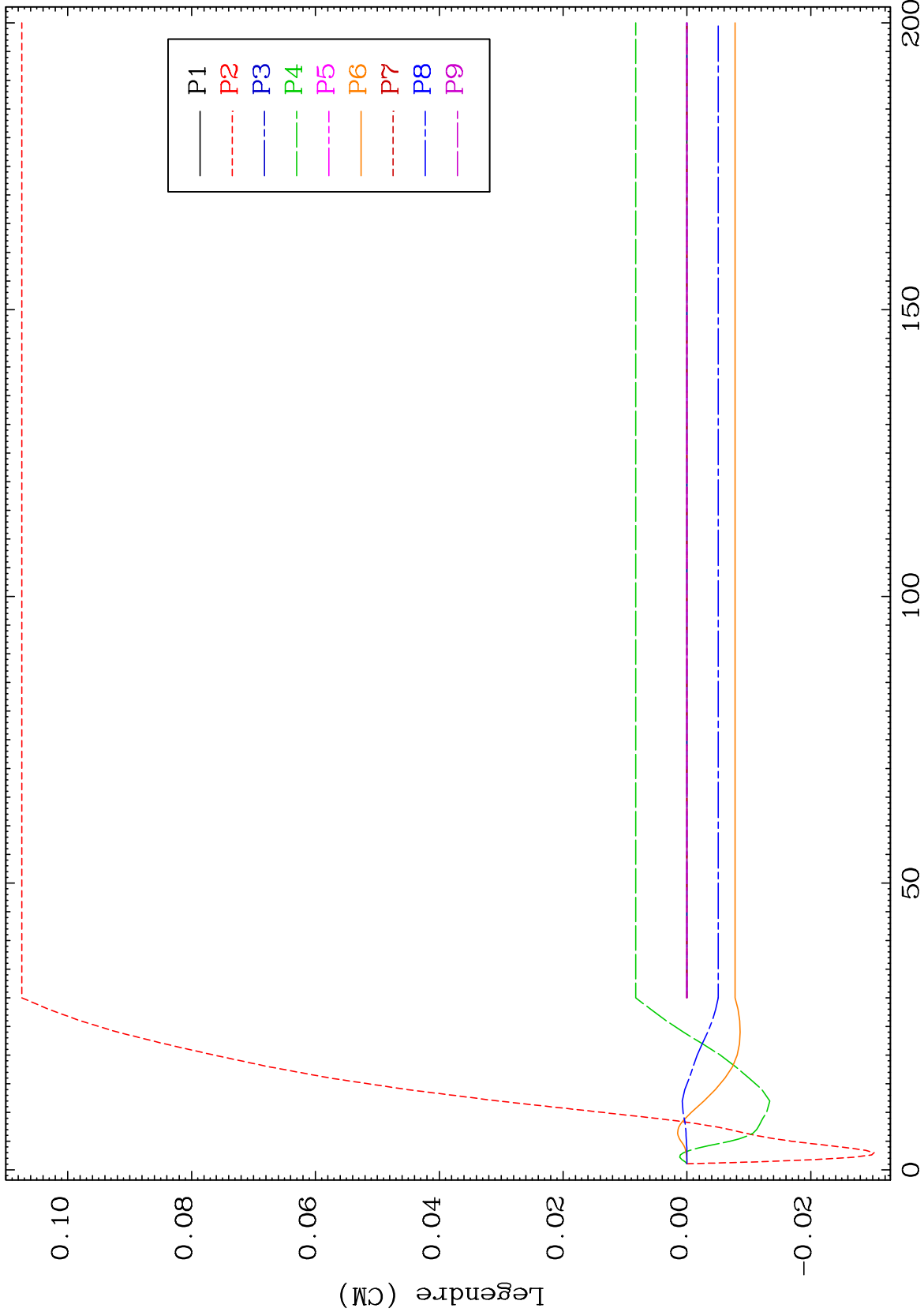
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



97

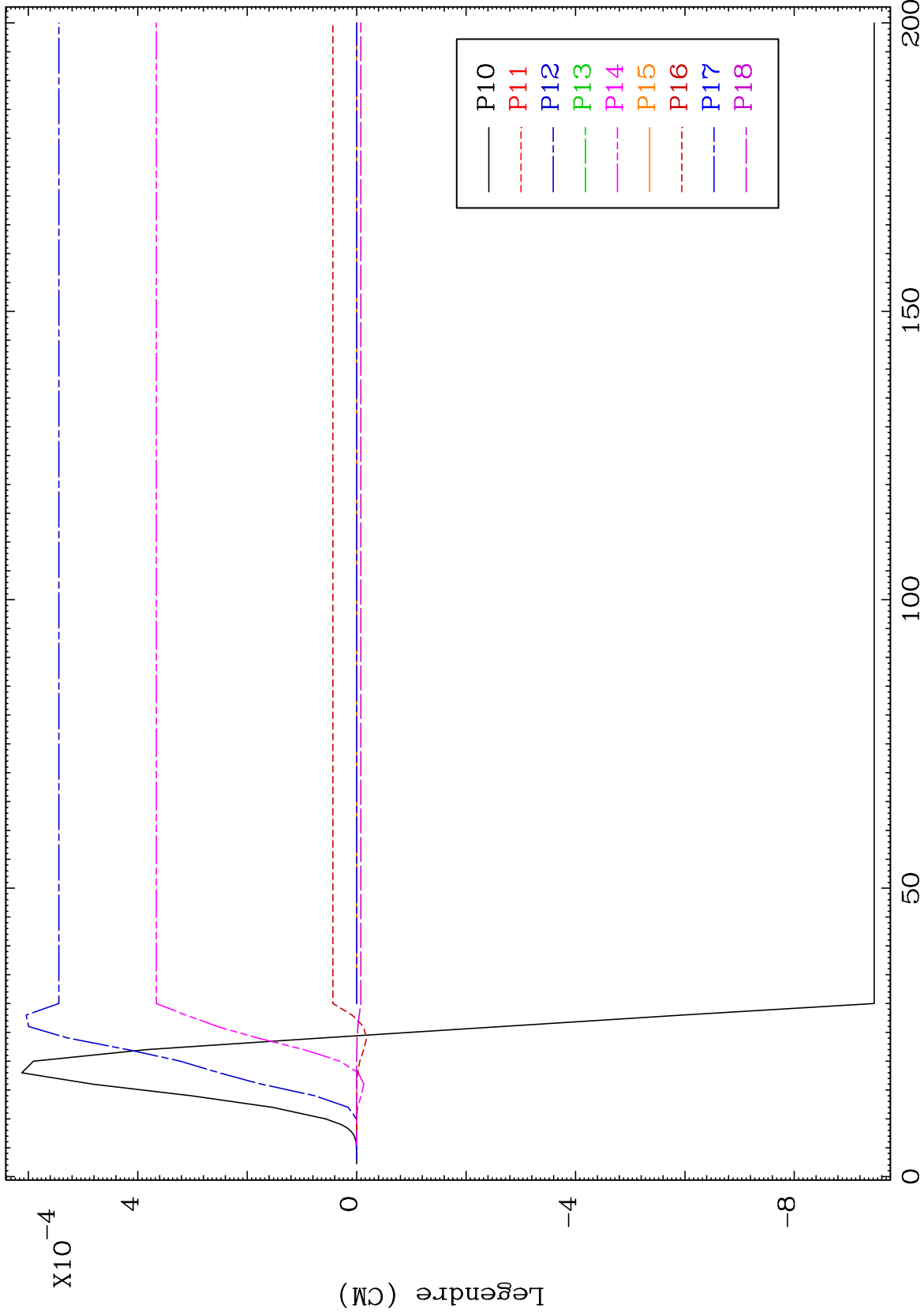
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



98

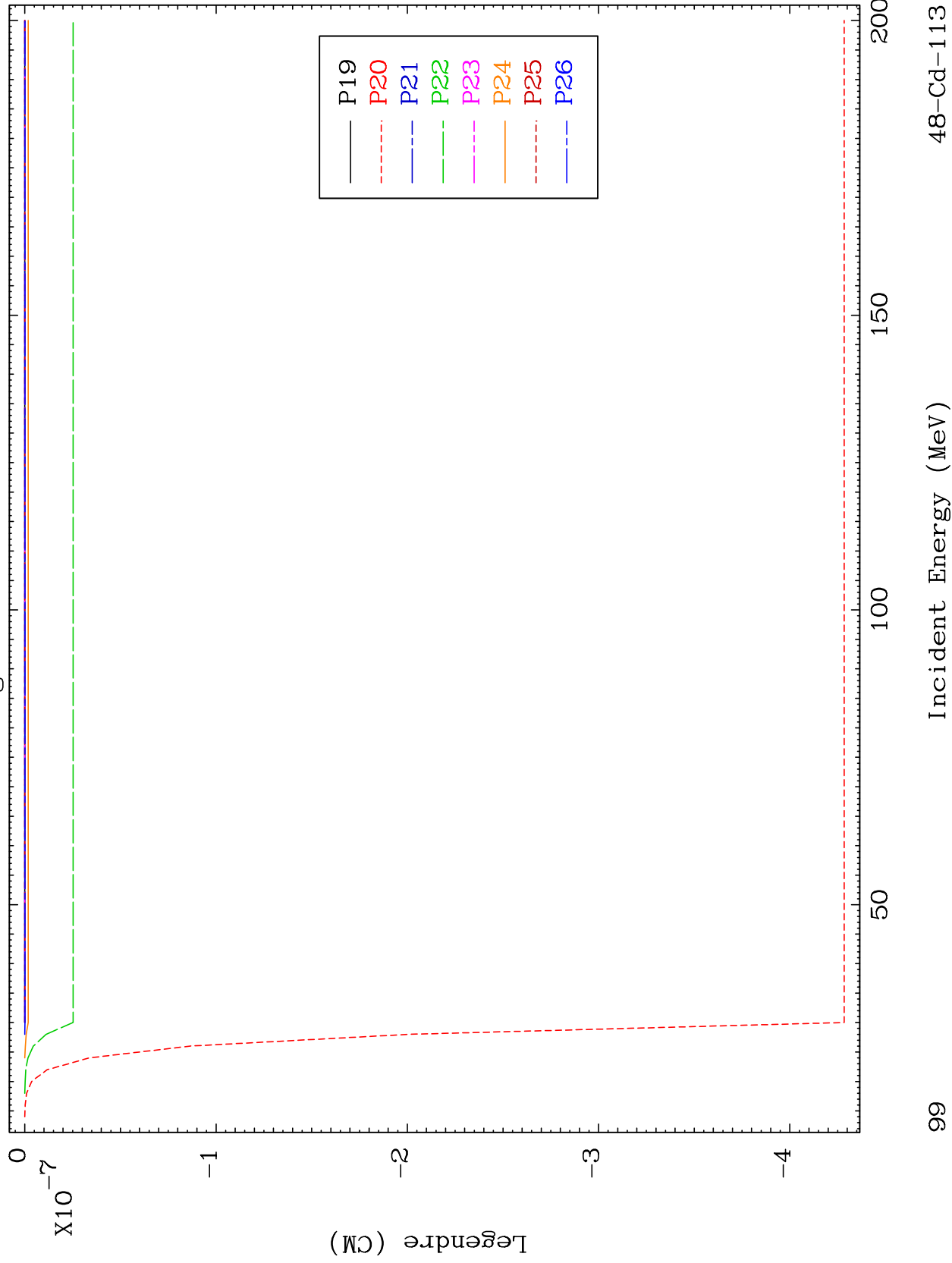
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

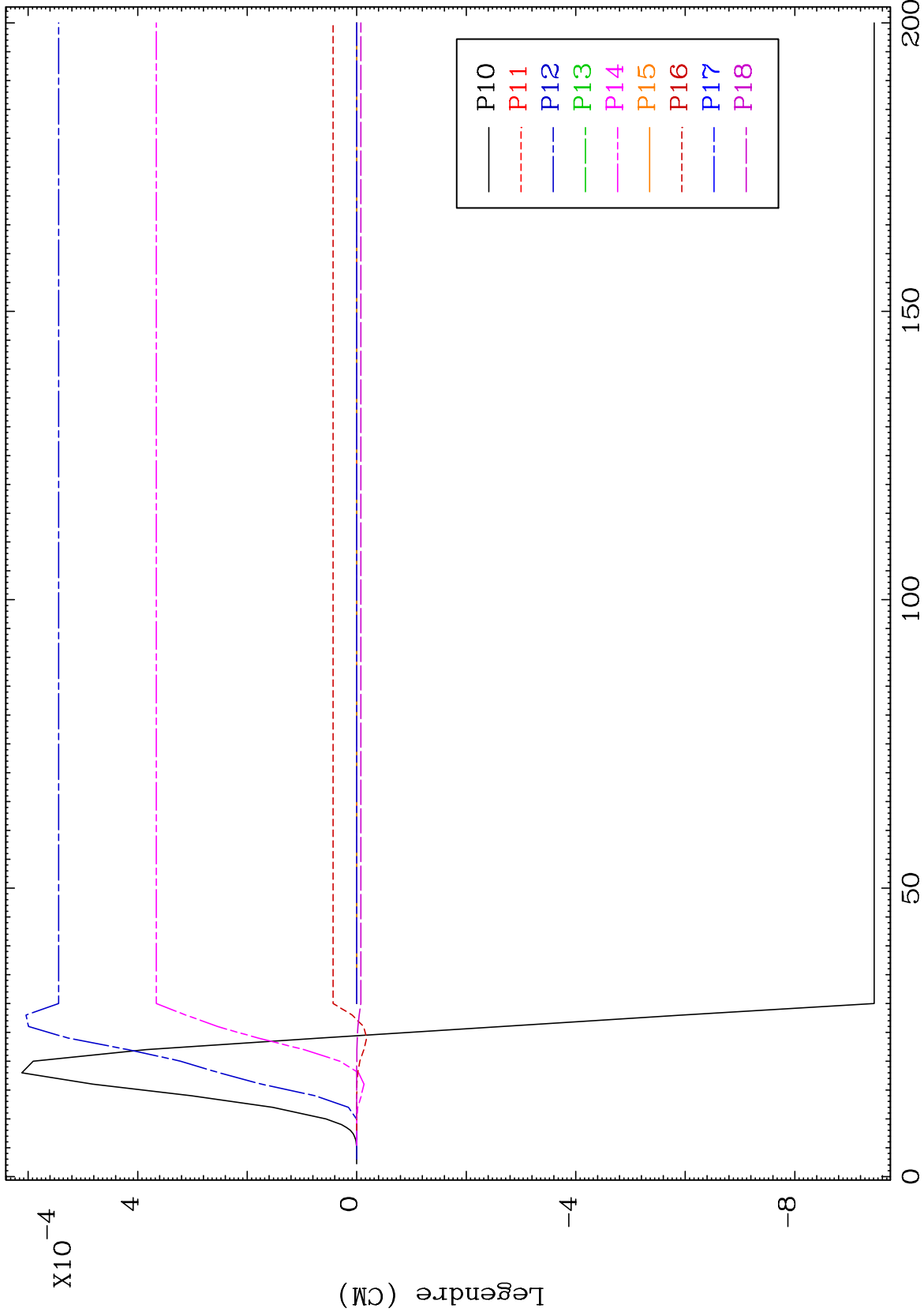
48-Cd-113



MAT 4846

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

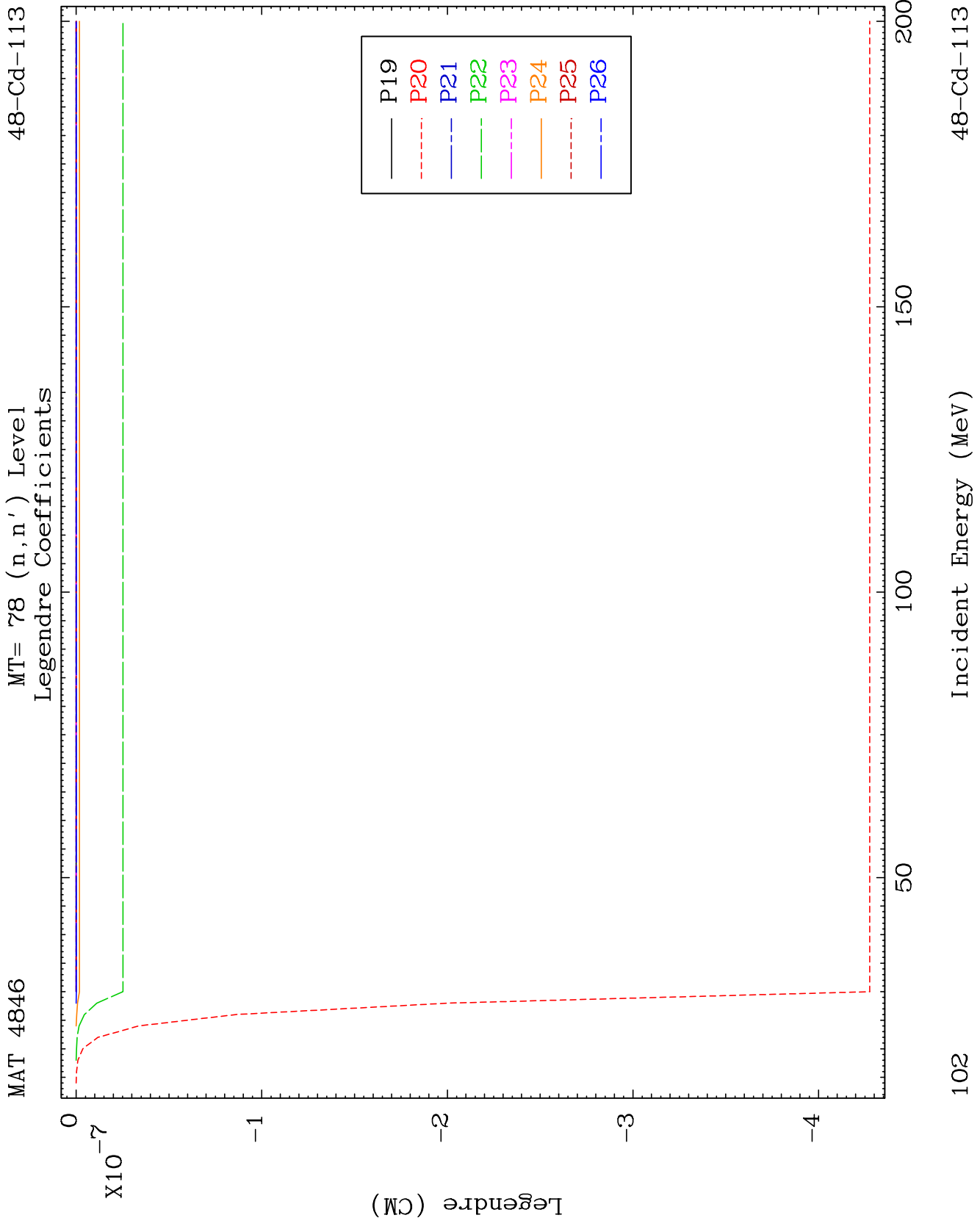
48-Cd-113



101

Incident Energy (MeV)

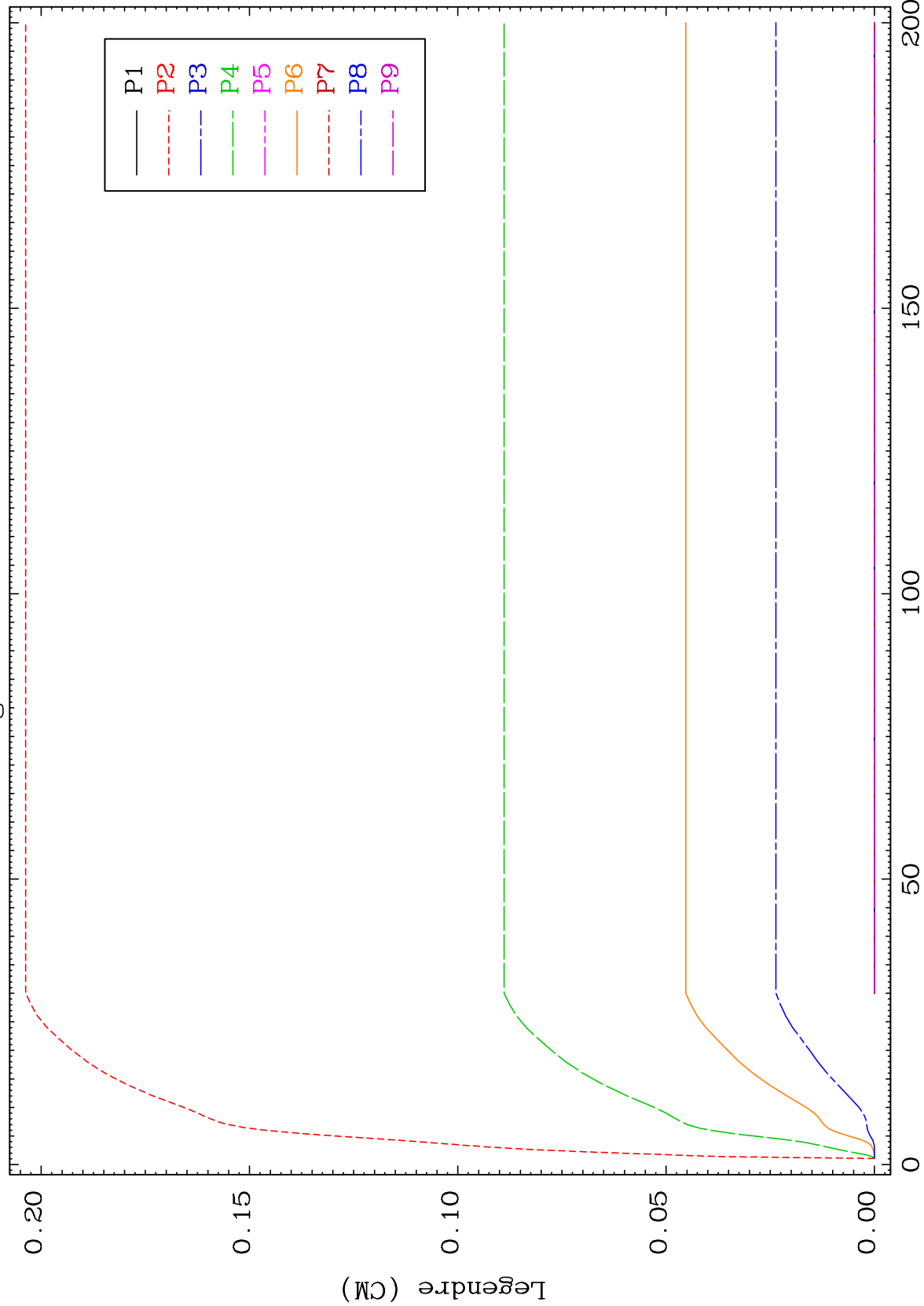
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

Incident Energy (MeV)

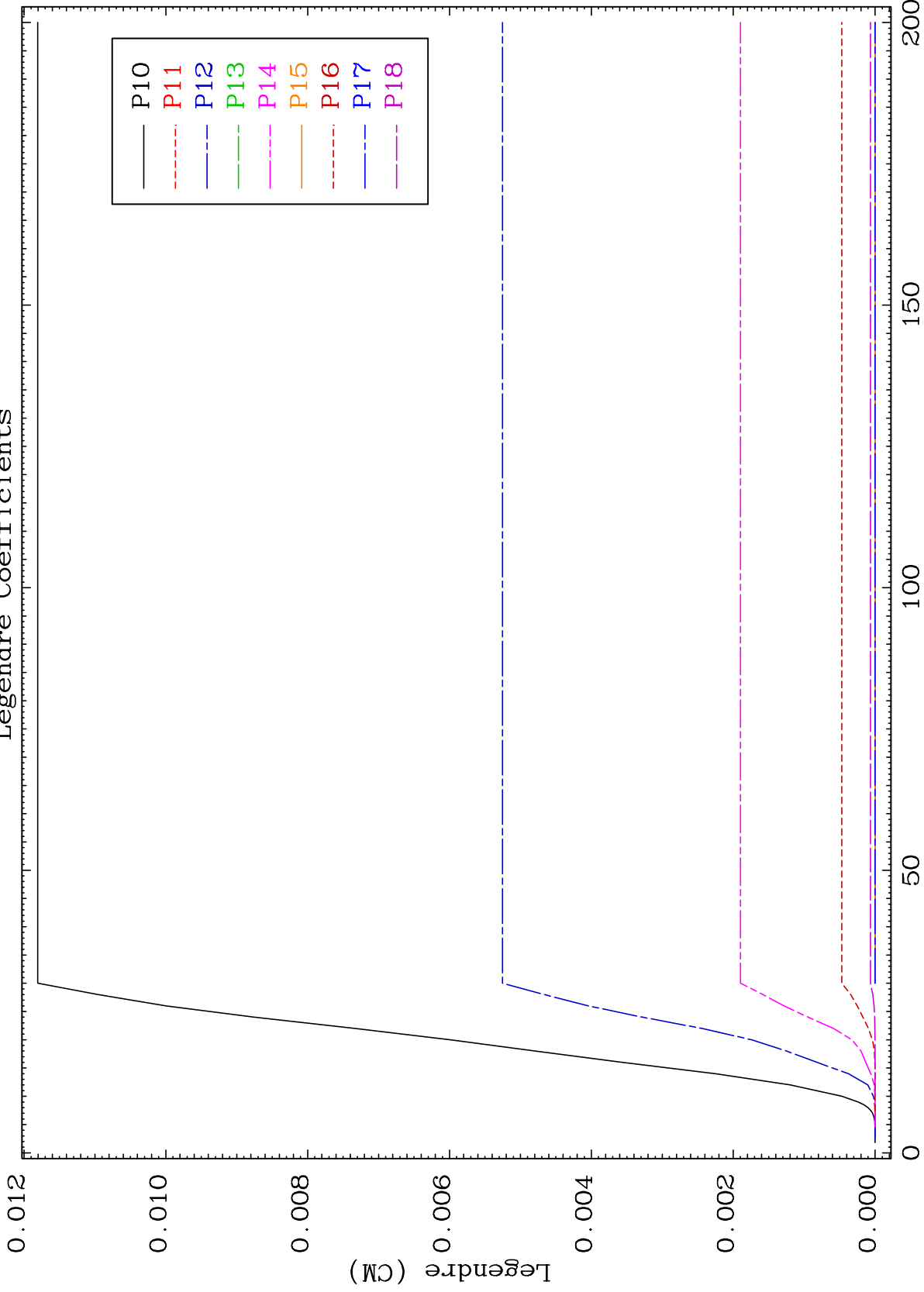
103

MAT 4846

MT= 79 (n,n') Level

48-Cd-113

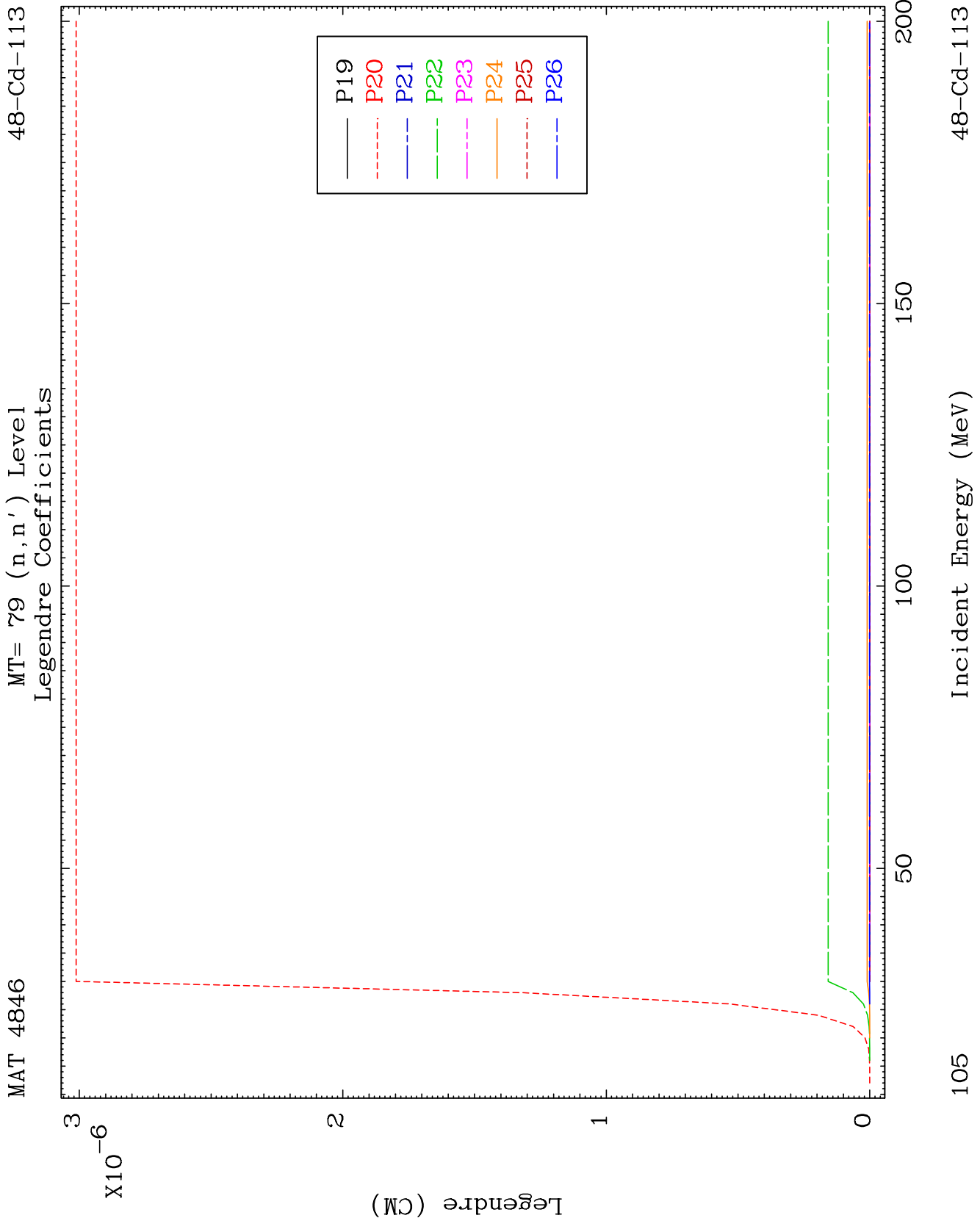
Legendre Coefficients



104

Incident Energy (MeV)

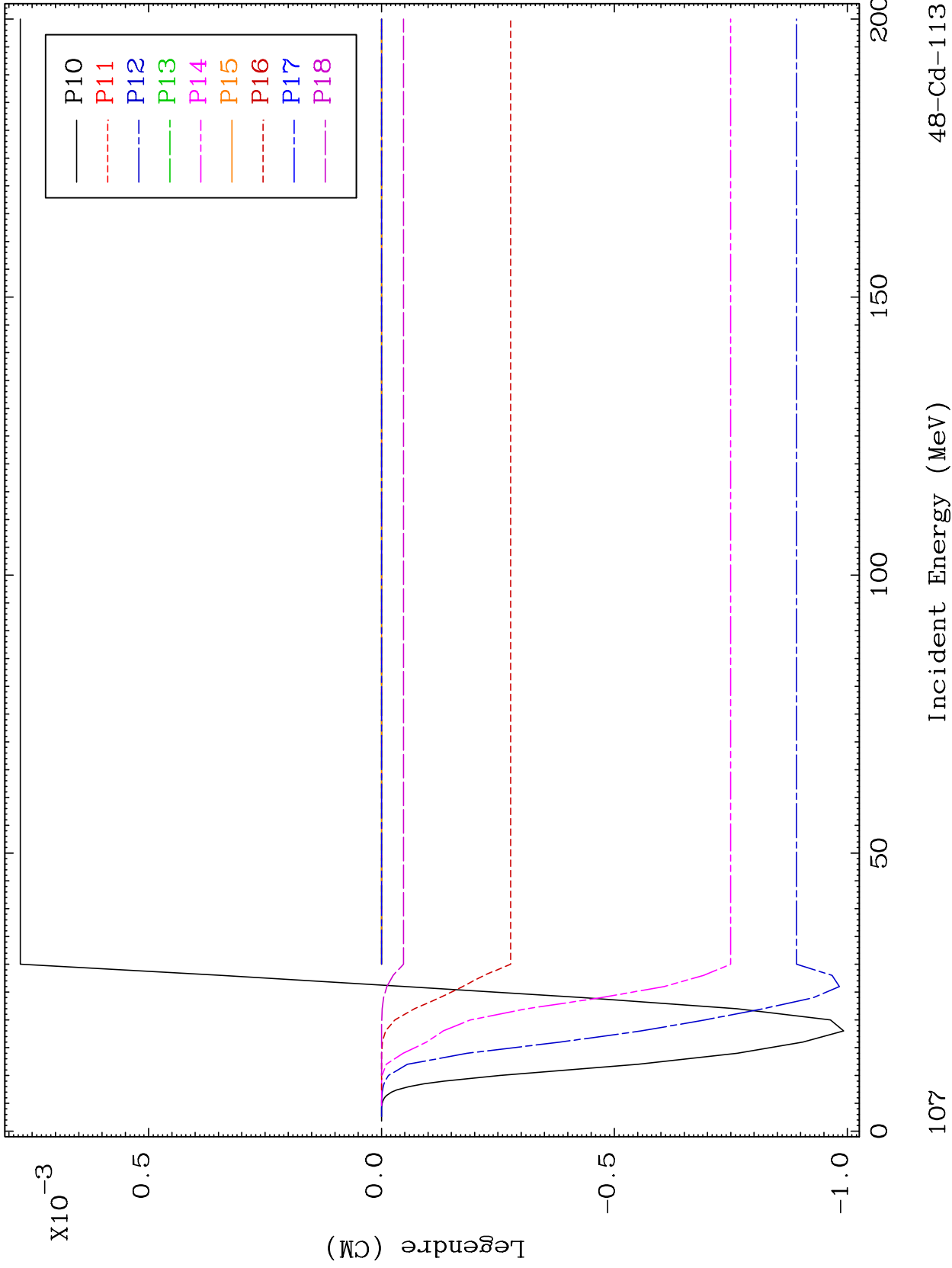
48-Cd-113



MAT 4846

MT= 80 (n,n') Level
Legendre Coefficients

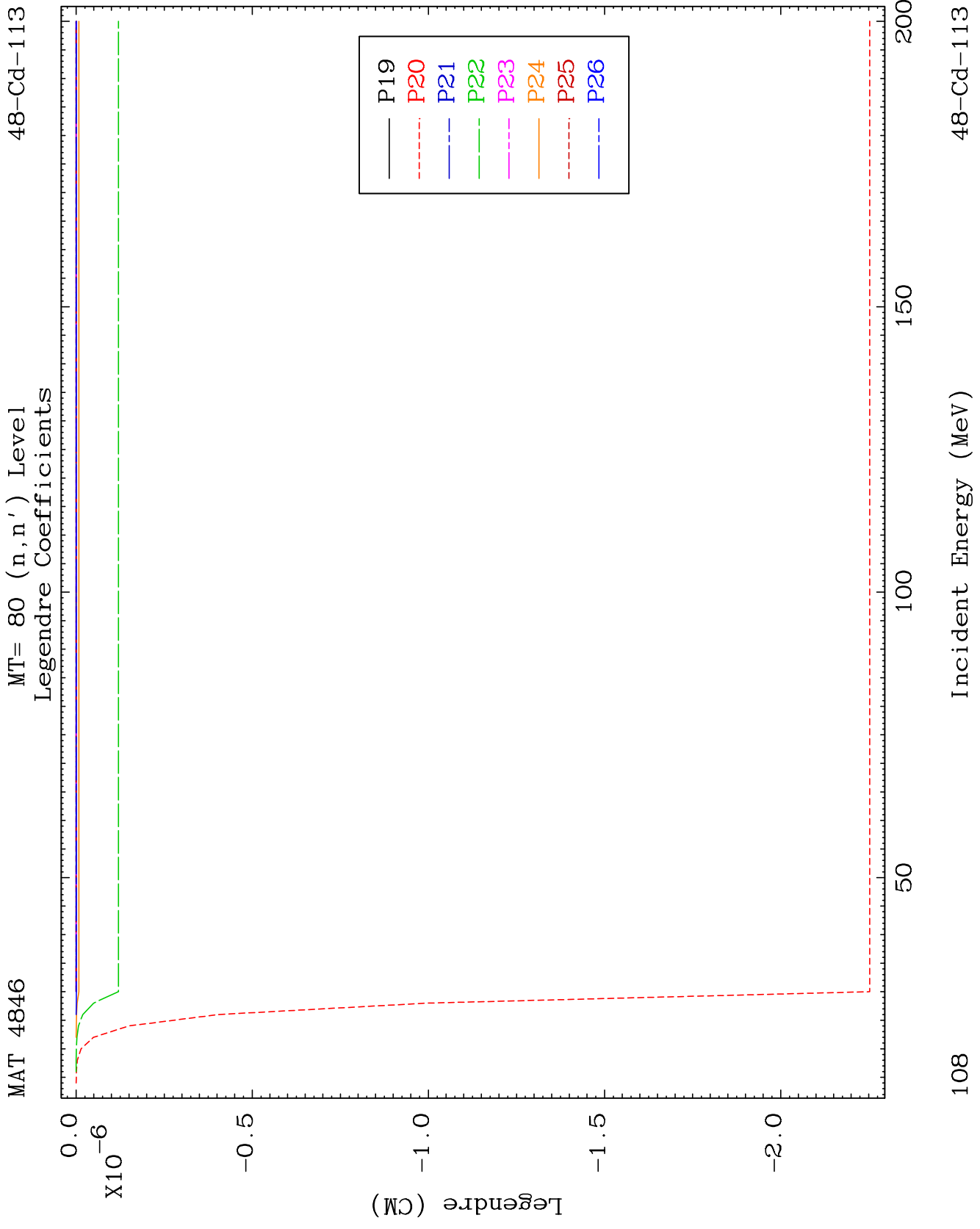
48-Cd-113



107

Incident Energy (MeV)

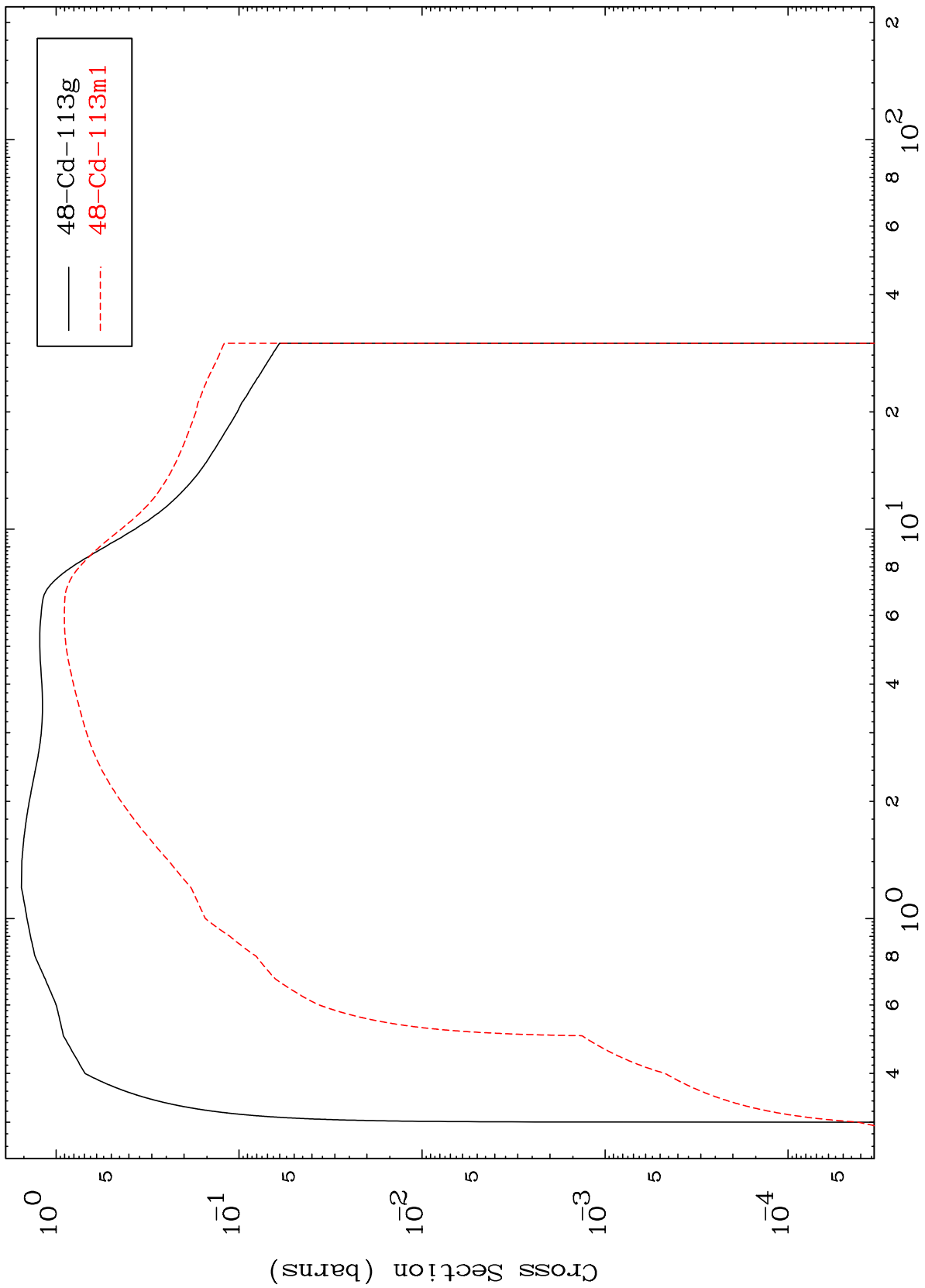
48-Cd-113



MAT 4846

48-Cd-113

Inelastic
Radionuclide Production Cross Section



— 48-Cd-113g
- - - 48-Cd-113m1

109

Incident Energy (MeV)

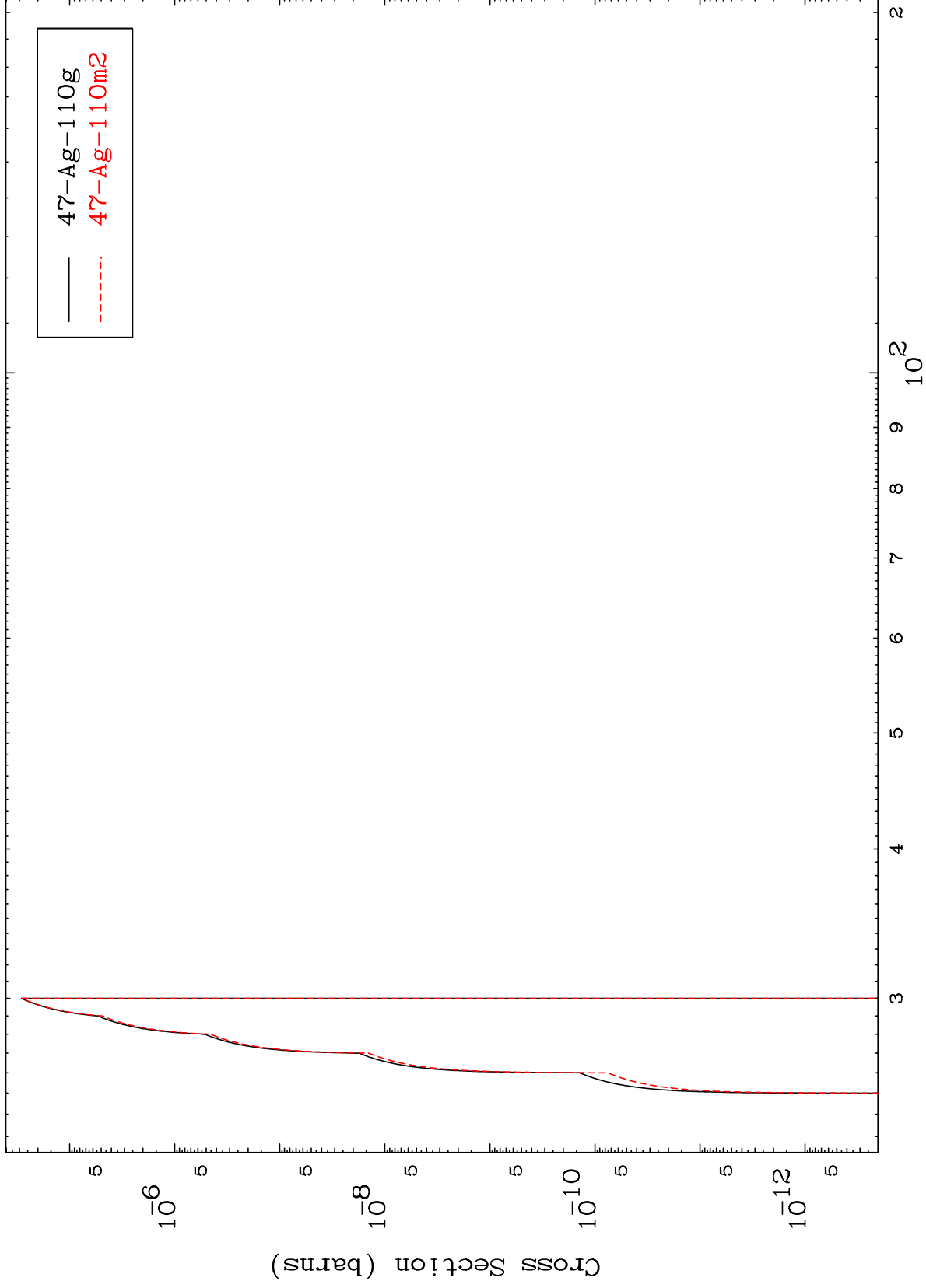
48-Cd-113

MAT 4846

(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



110

Incident Energy (MeV)

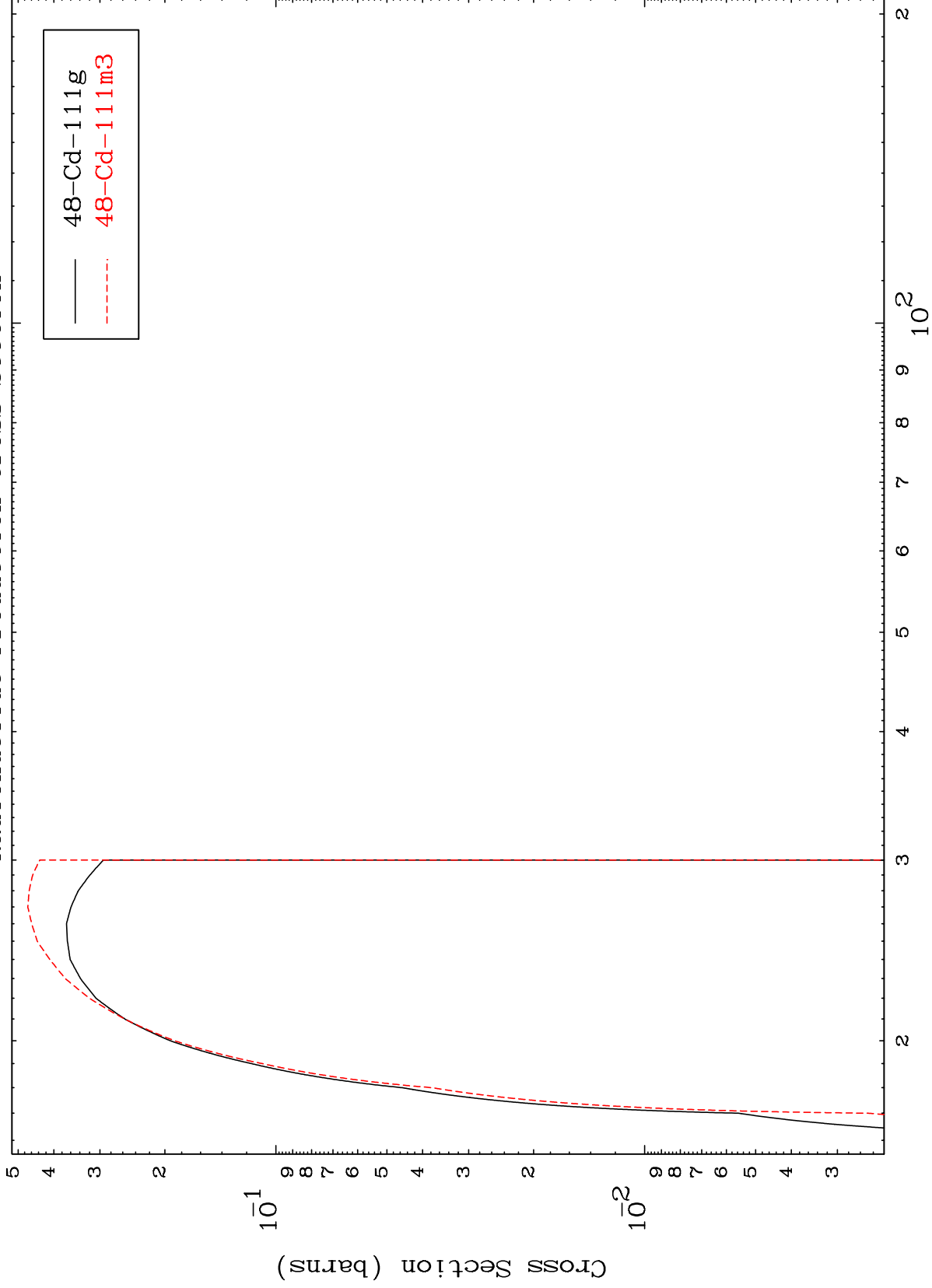
48-Cd-113

MAT 4846

(n,3n)

48-Cd-113

Radionuclide Production Cross Section



111

Incident Energy (MeV)

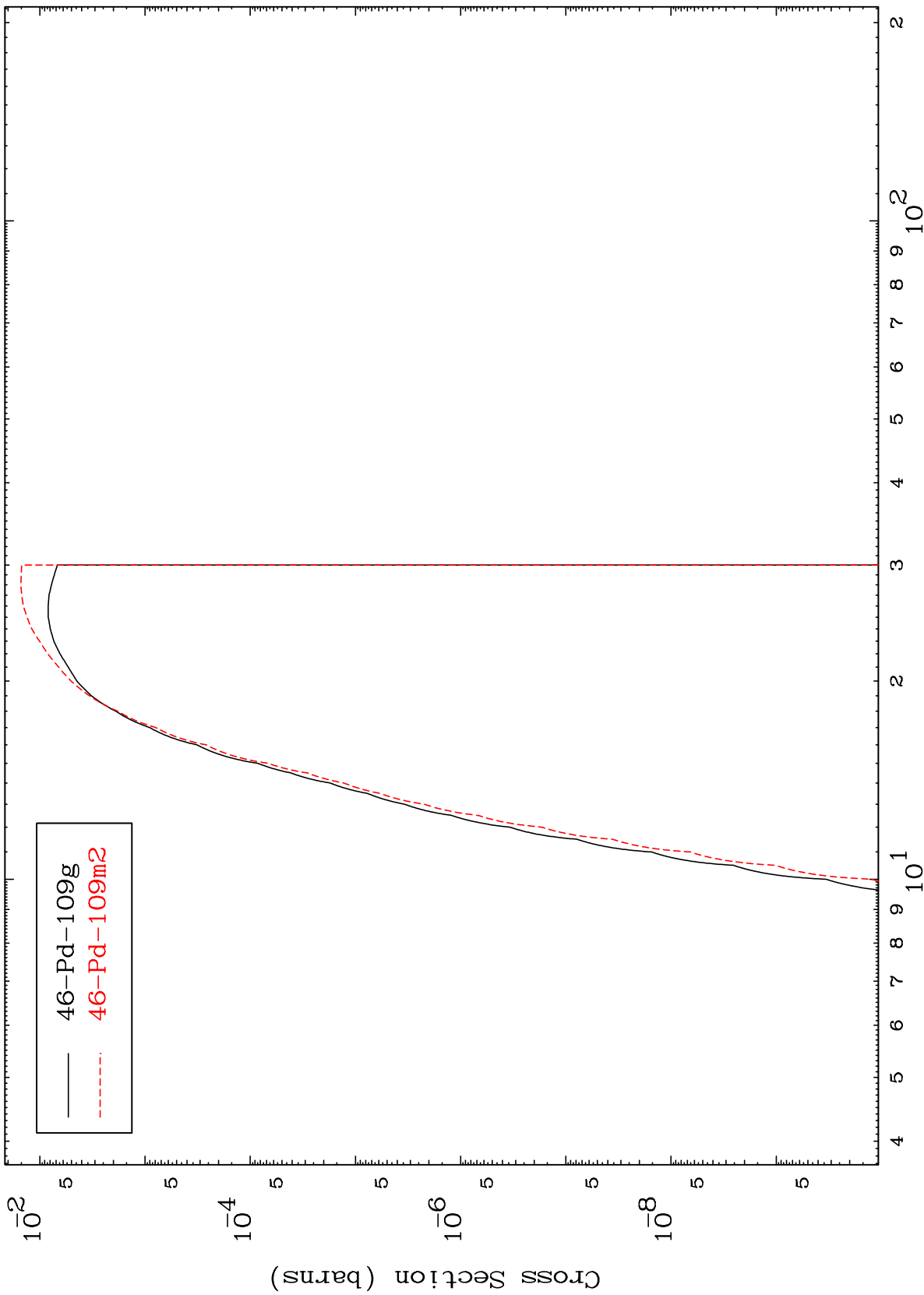
48-Cd-113

MAT 4846

(n,n') α

48-Cd-113

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

112

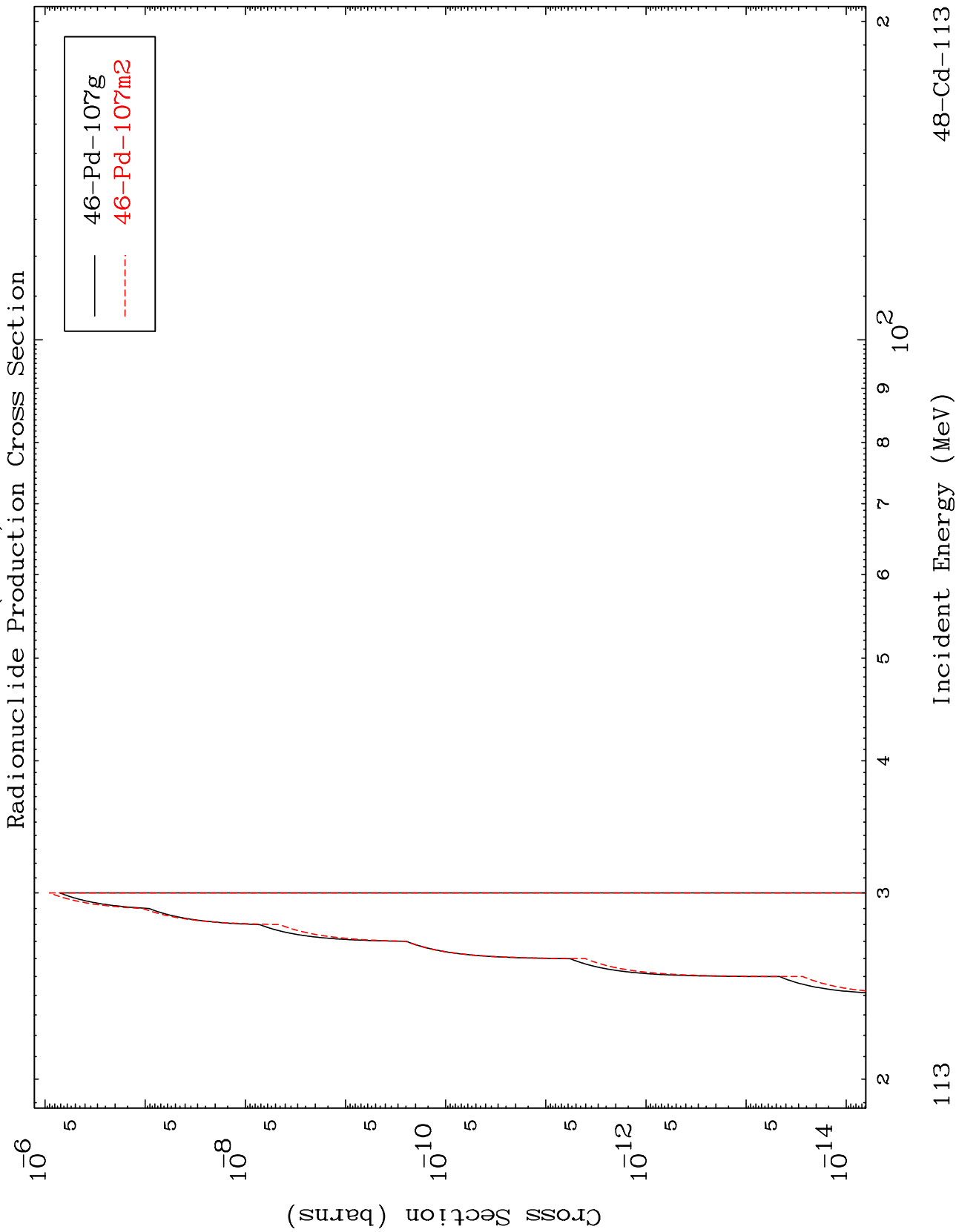
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,3n) α

48-Cd-113



113

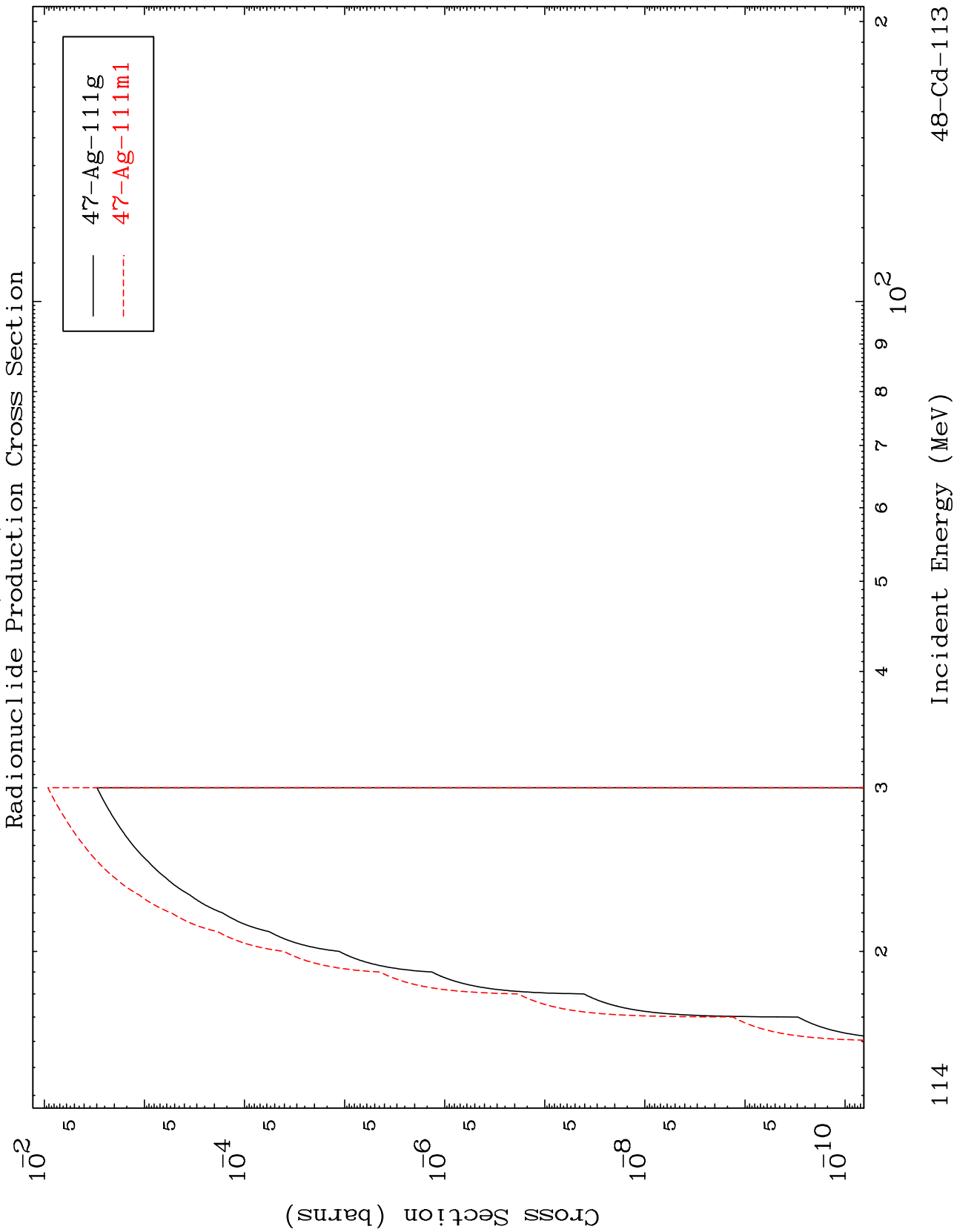
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,n') d

48-Cd-113



114

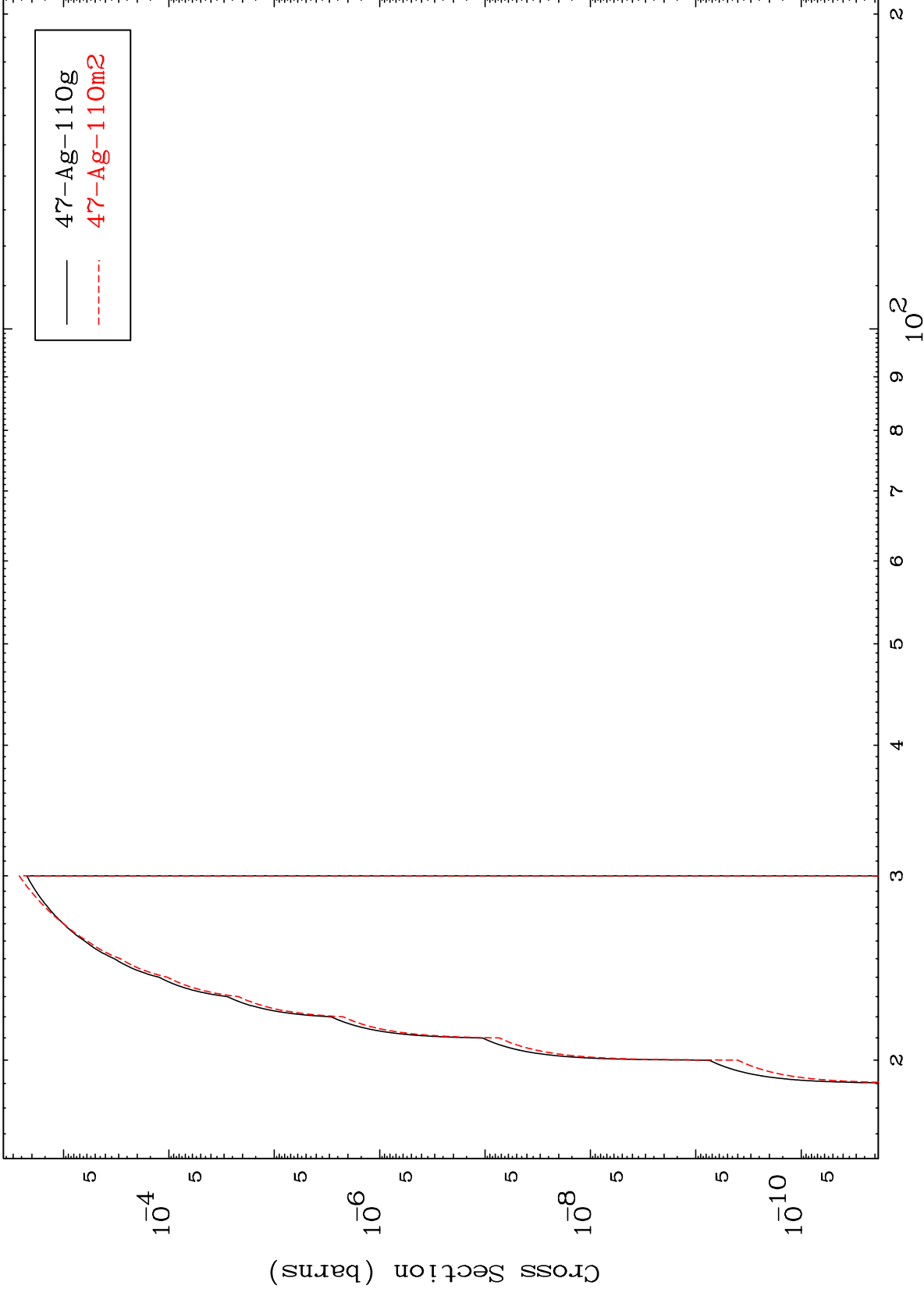
48-Cd-113

MAT 4846

(n,n') t

48-Cd-113

Radionuclide Production Cross Section



115

Incident Energy (MeV)

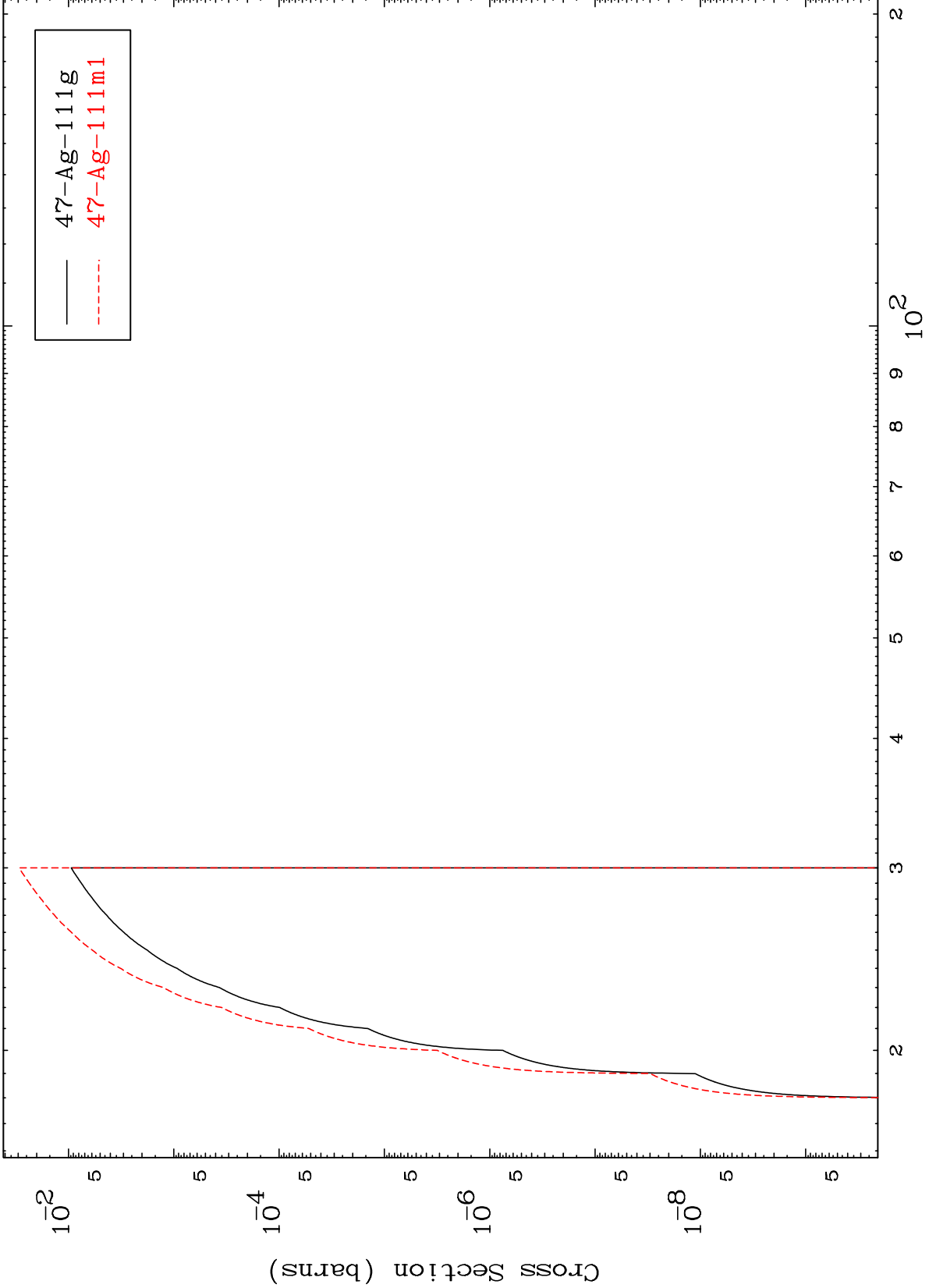
48-Cd-113

MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section

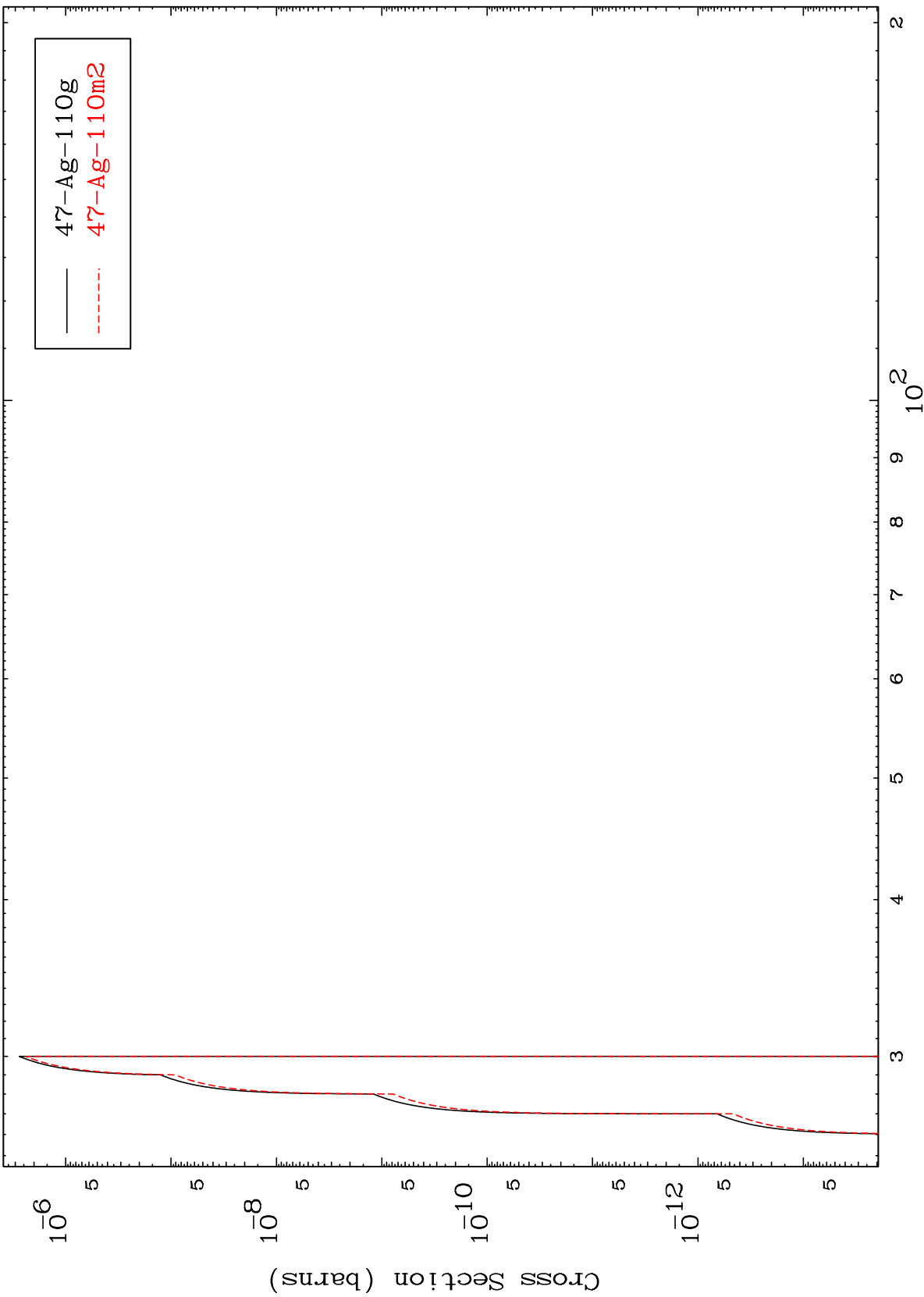


116

Incident Energy (MeV)

48-Cd-113

Radionuclide Production Cross Section

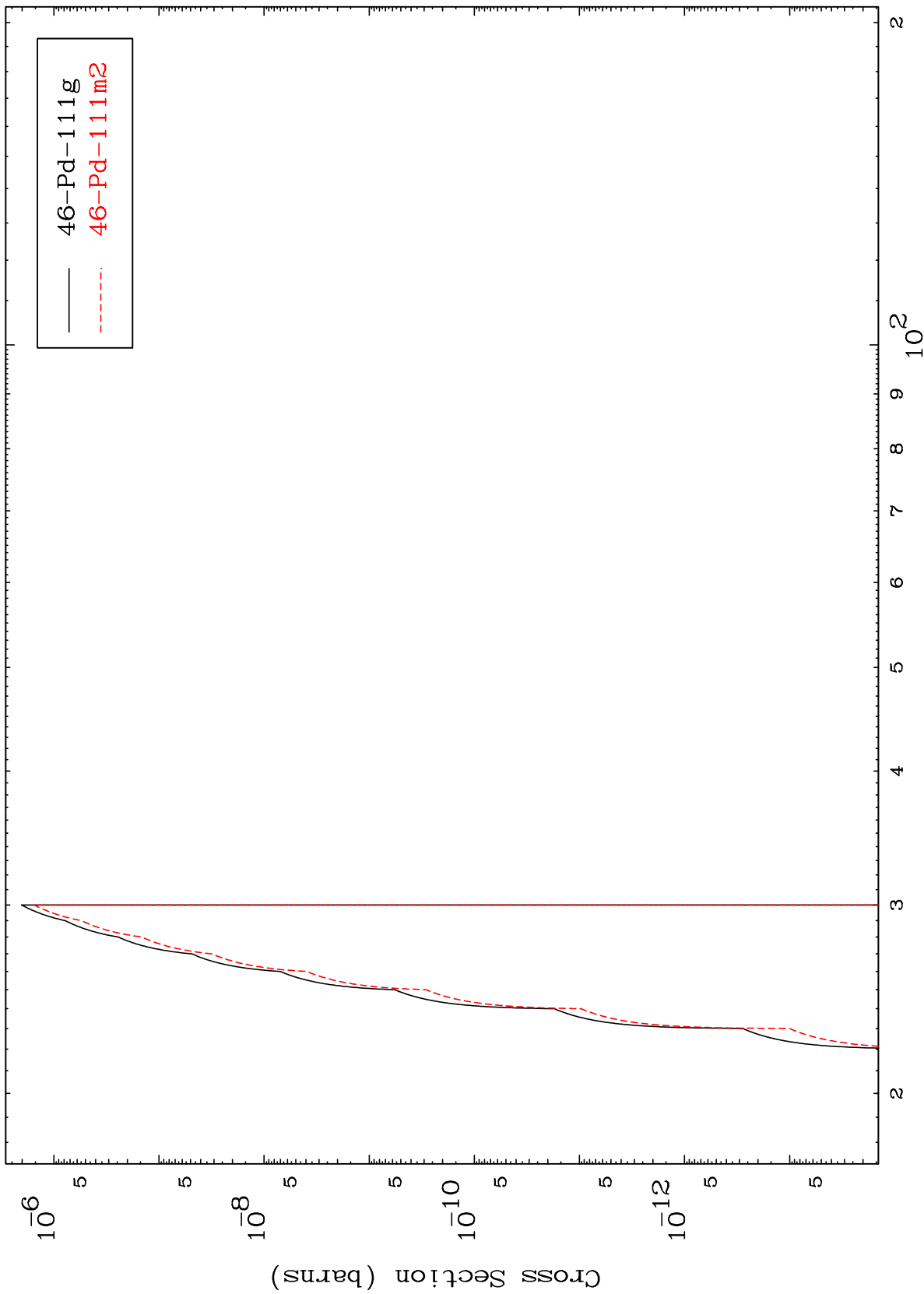


MAT 4846

(n,2n) p

48-Cd-113

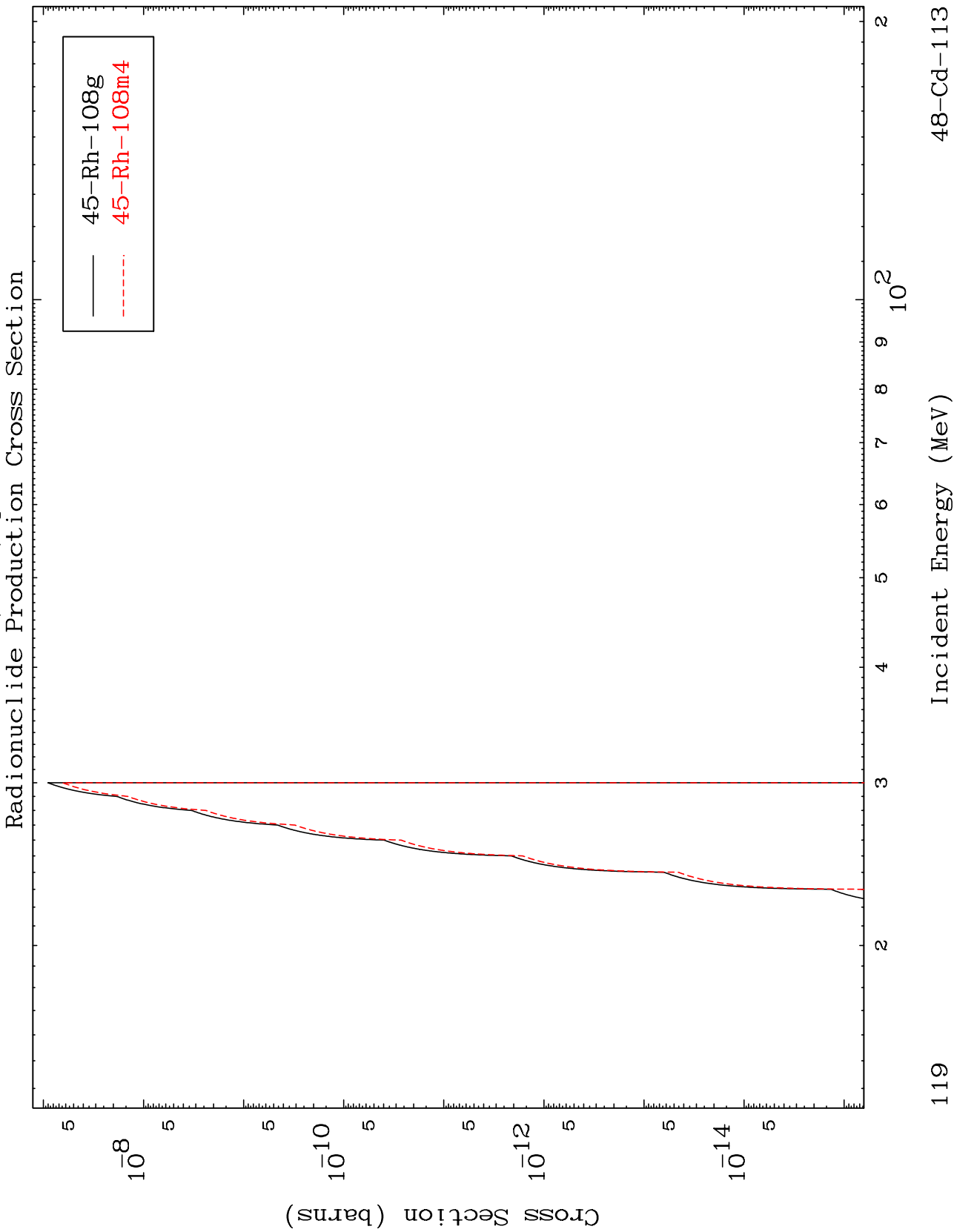
Radionuclide Production Cross Section



118

Incident Energy (MeV)

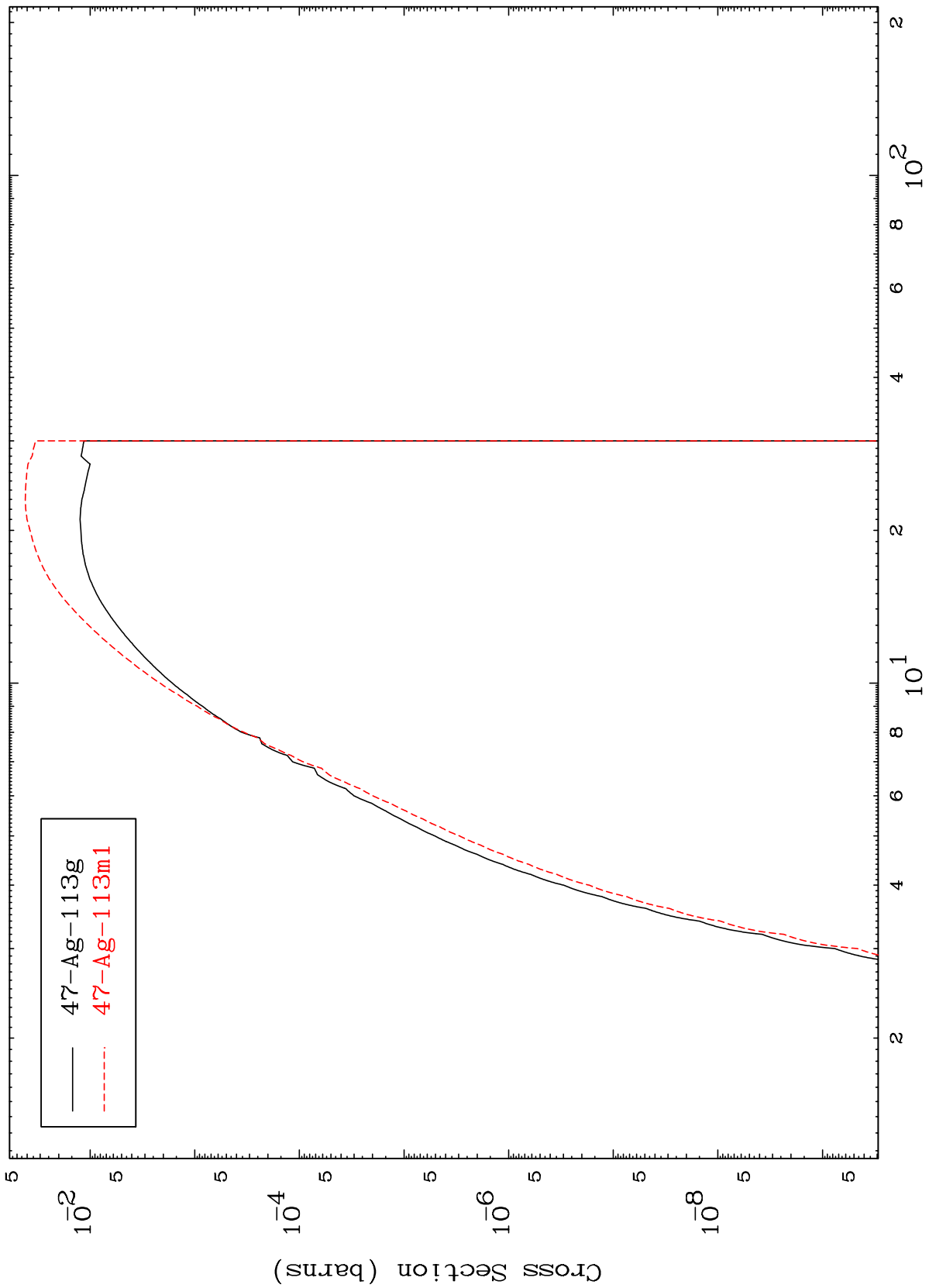
48-Cd-113



MAT 4846

48-Cd-113

(n,p)
Radionuclide Production Cross Section



120

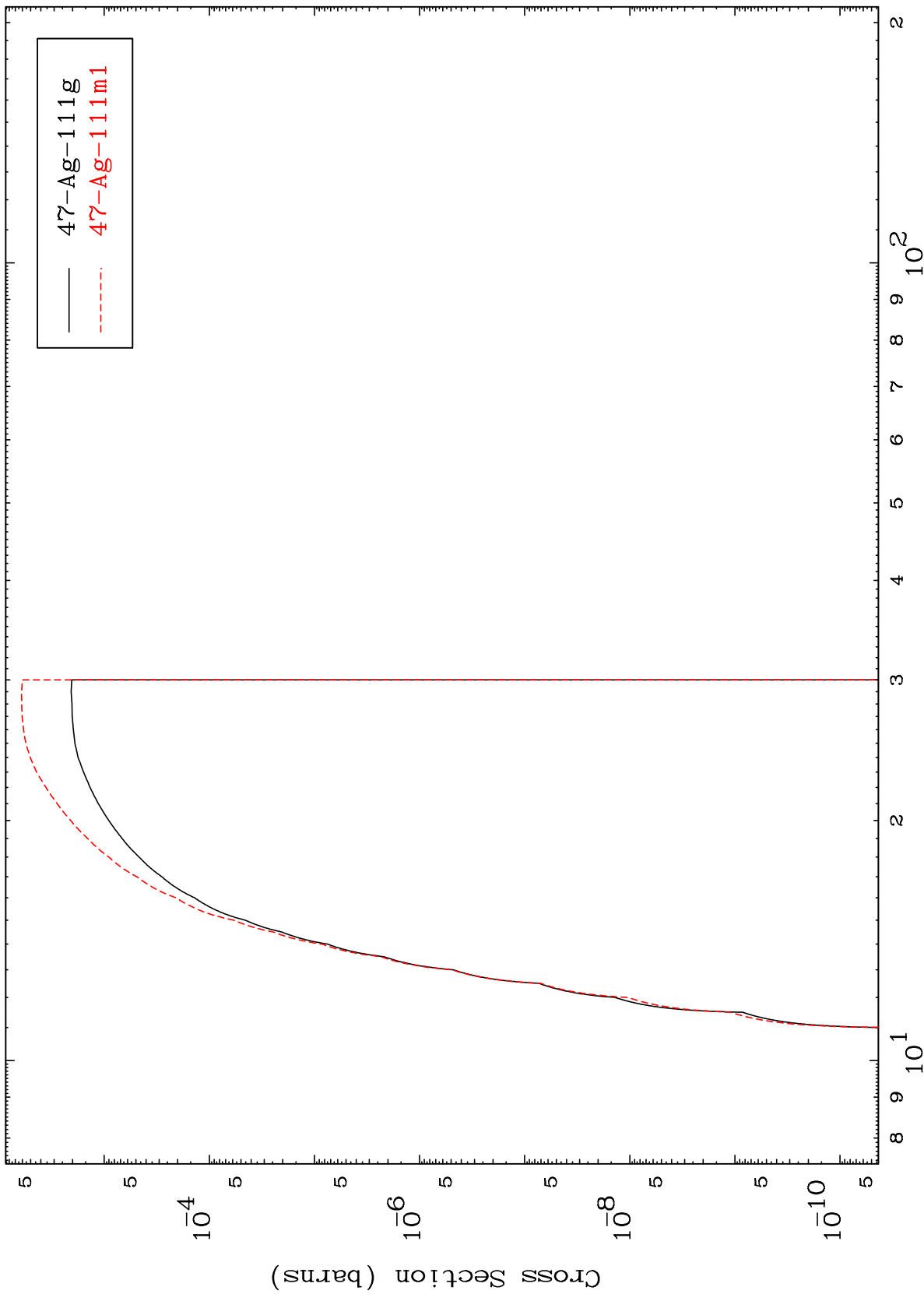
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,t)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

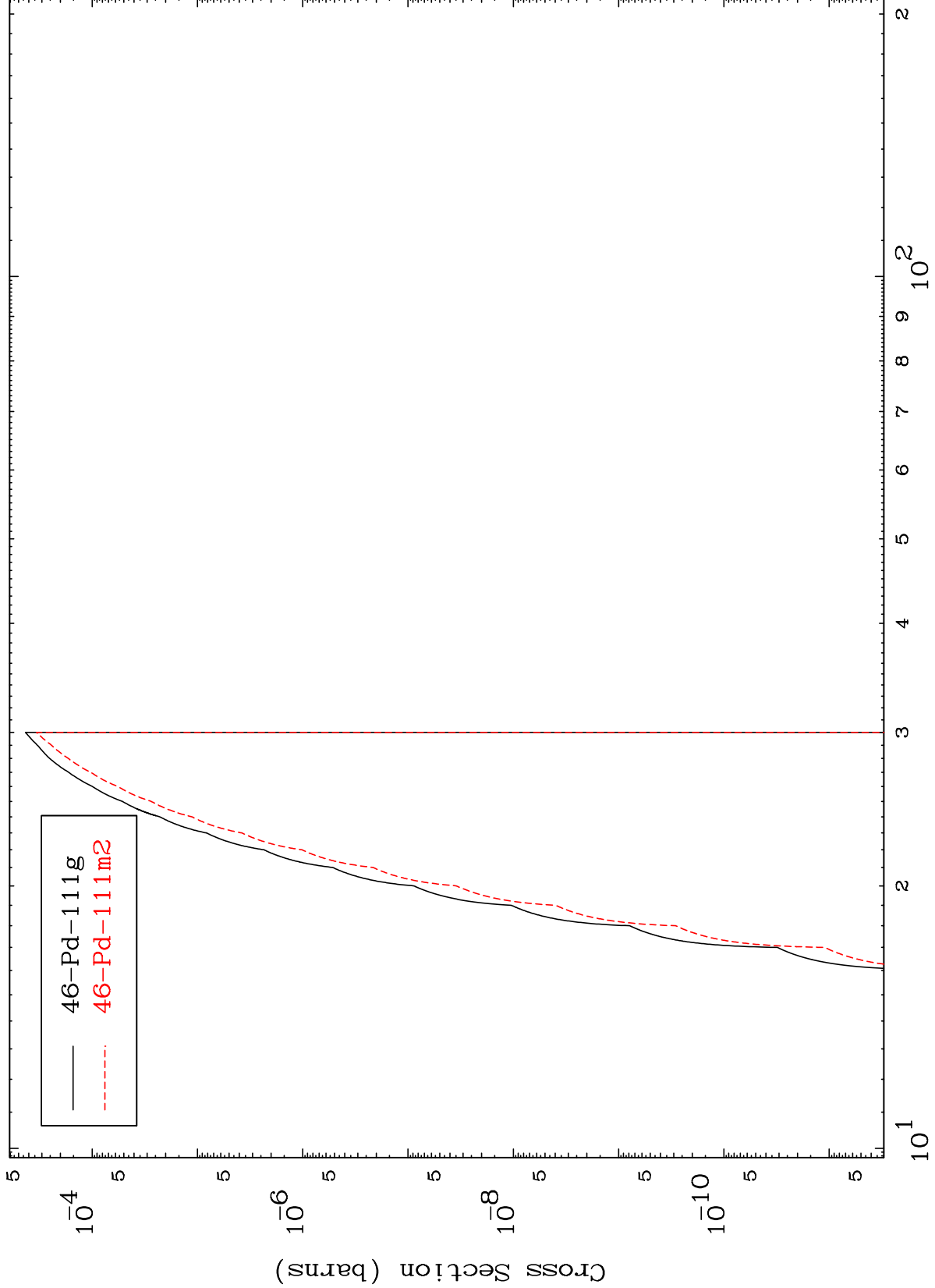
48-Cd-113

MAT 4846

(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



46-Pd-111g
46-Pd-111m2

Incident Energy (MeV)

48-Cd-113

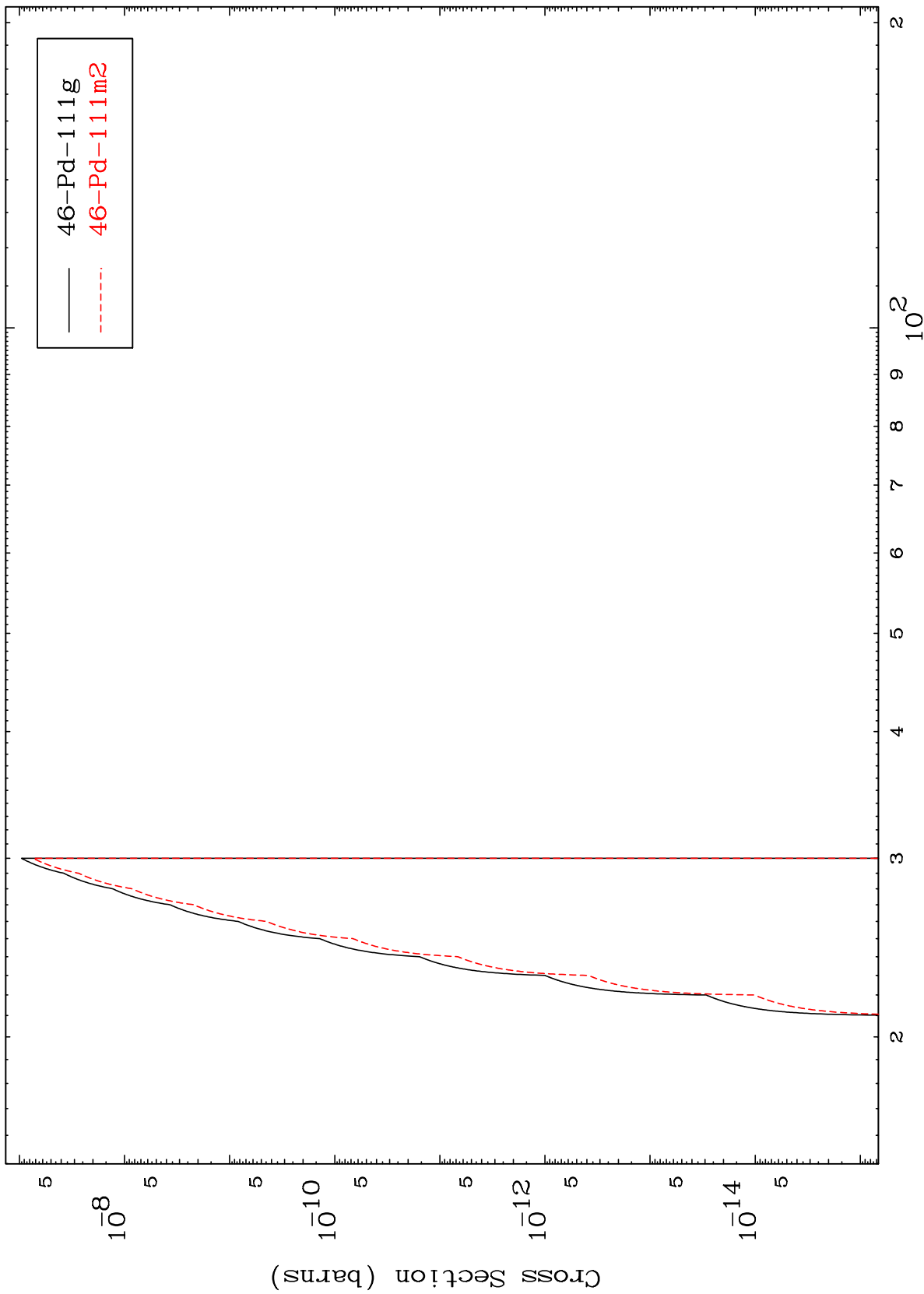
122

MAT 4846

(n,p) d

48-Cd-113

Radionuclide Production Cross Section



123

Incident Energy (MeV)

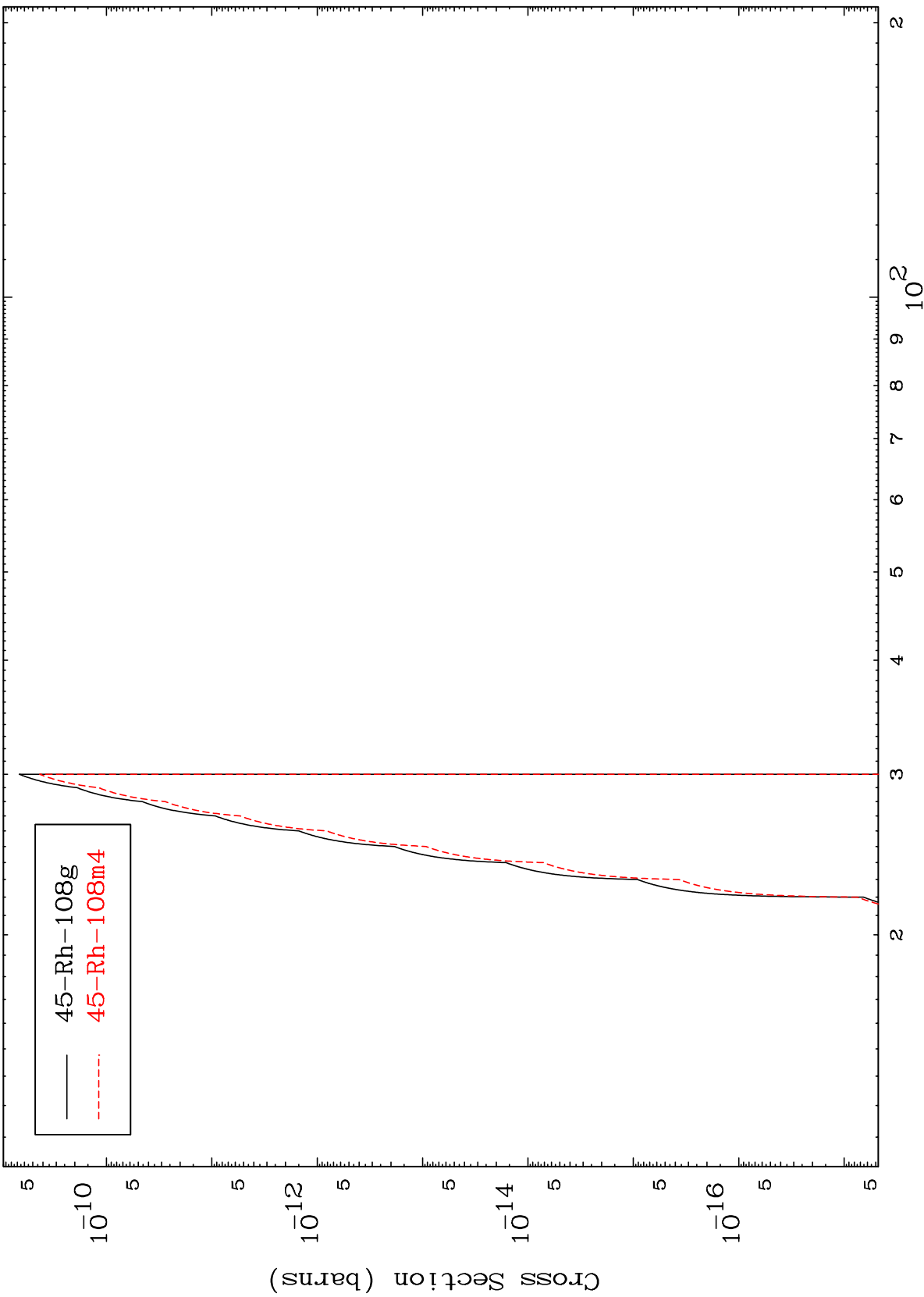
48-Cd-113

MAT 4846

(n,d) α

48-Cd-113

Radionuclide Production Cross Section



124

Incident Energy (MeV)

48-Cd-113