

Program EVALPLOT
(Version 2017-1)

by

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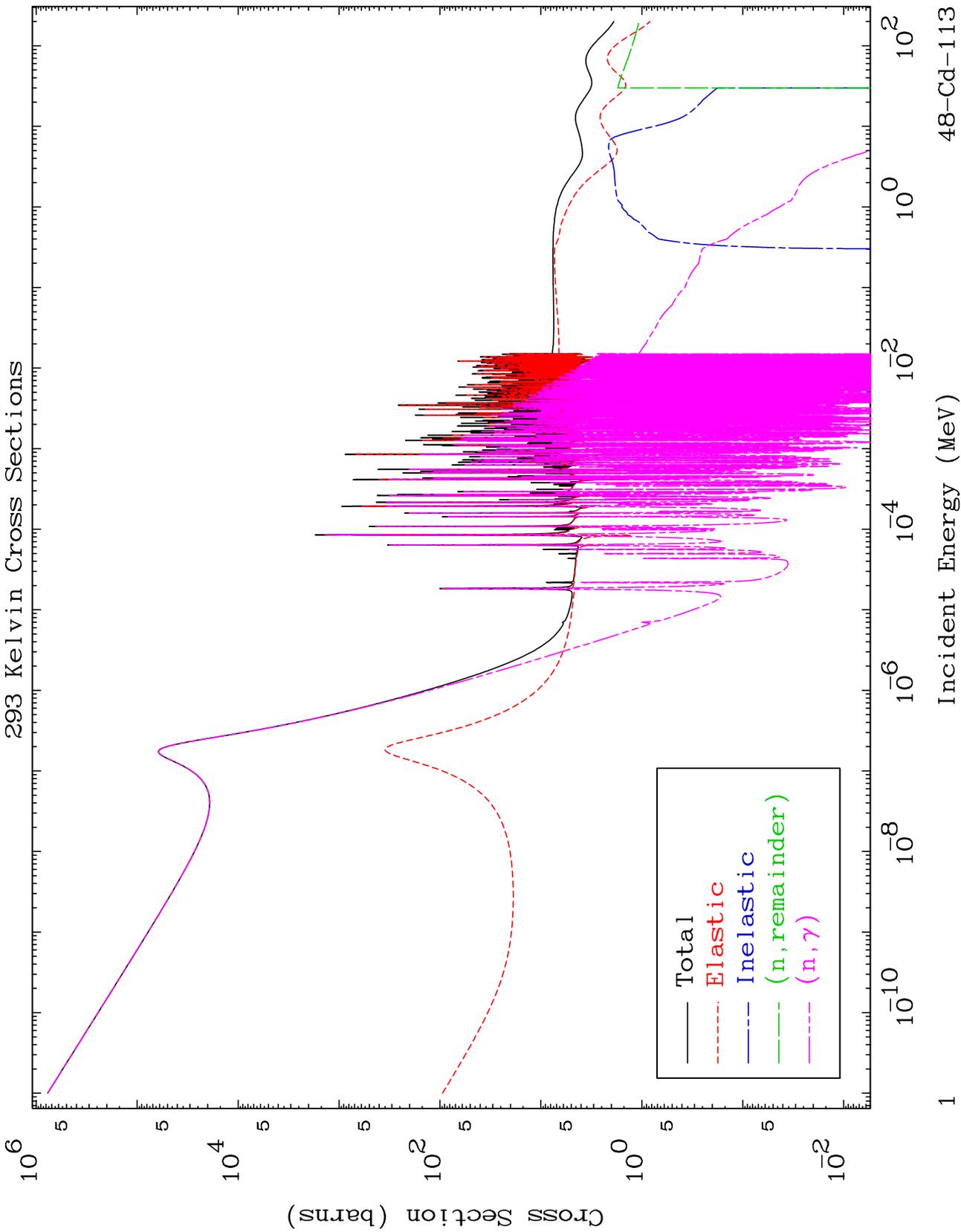
Press Mouse Button to Start

MAT 4846

Major

293 Kelvin Cross Sections

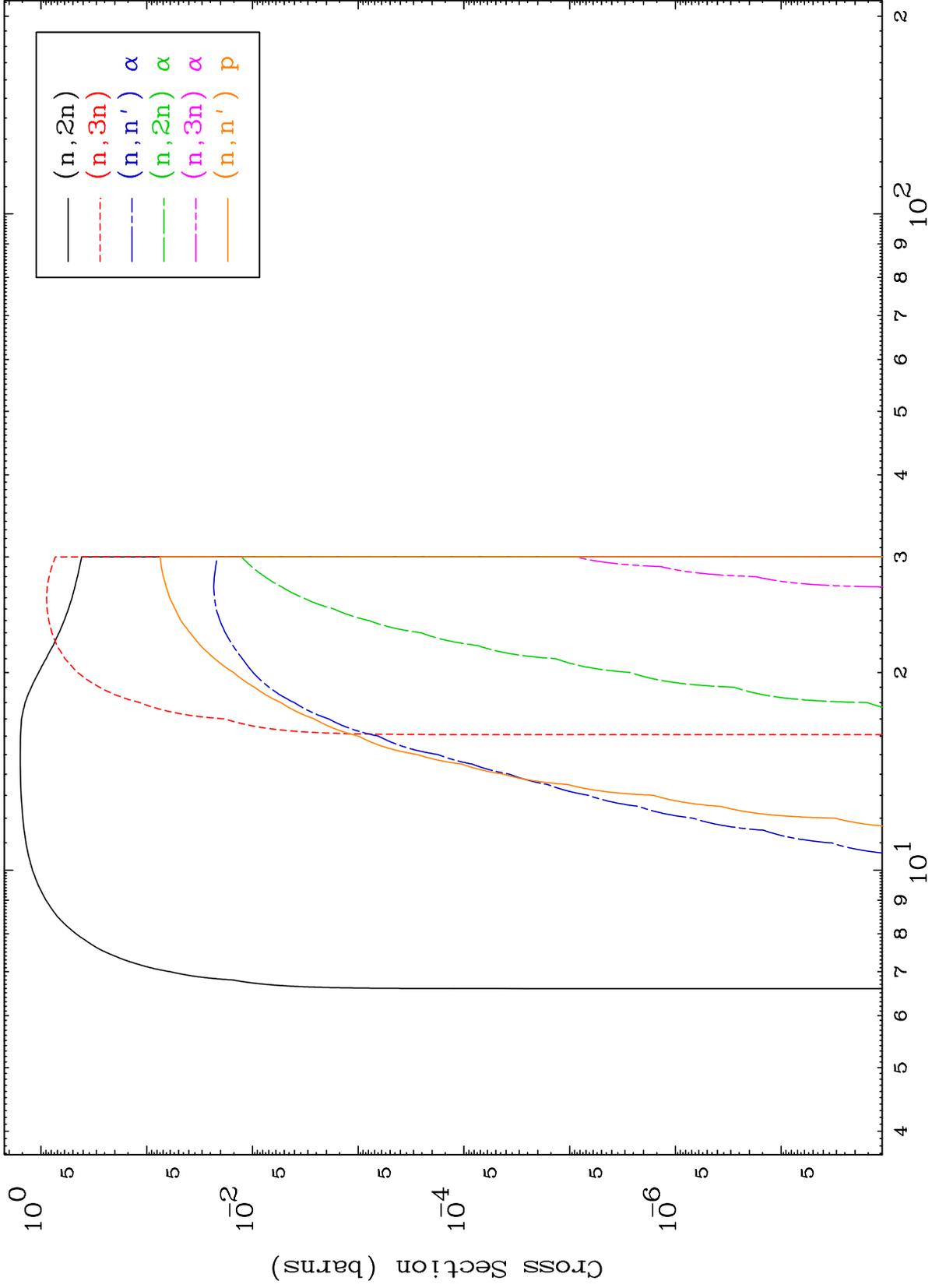
48-Cd-113



MAT 4846

Neutron Production
293 Kelvin Cross Sections

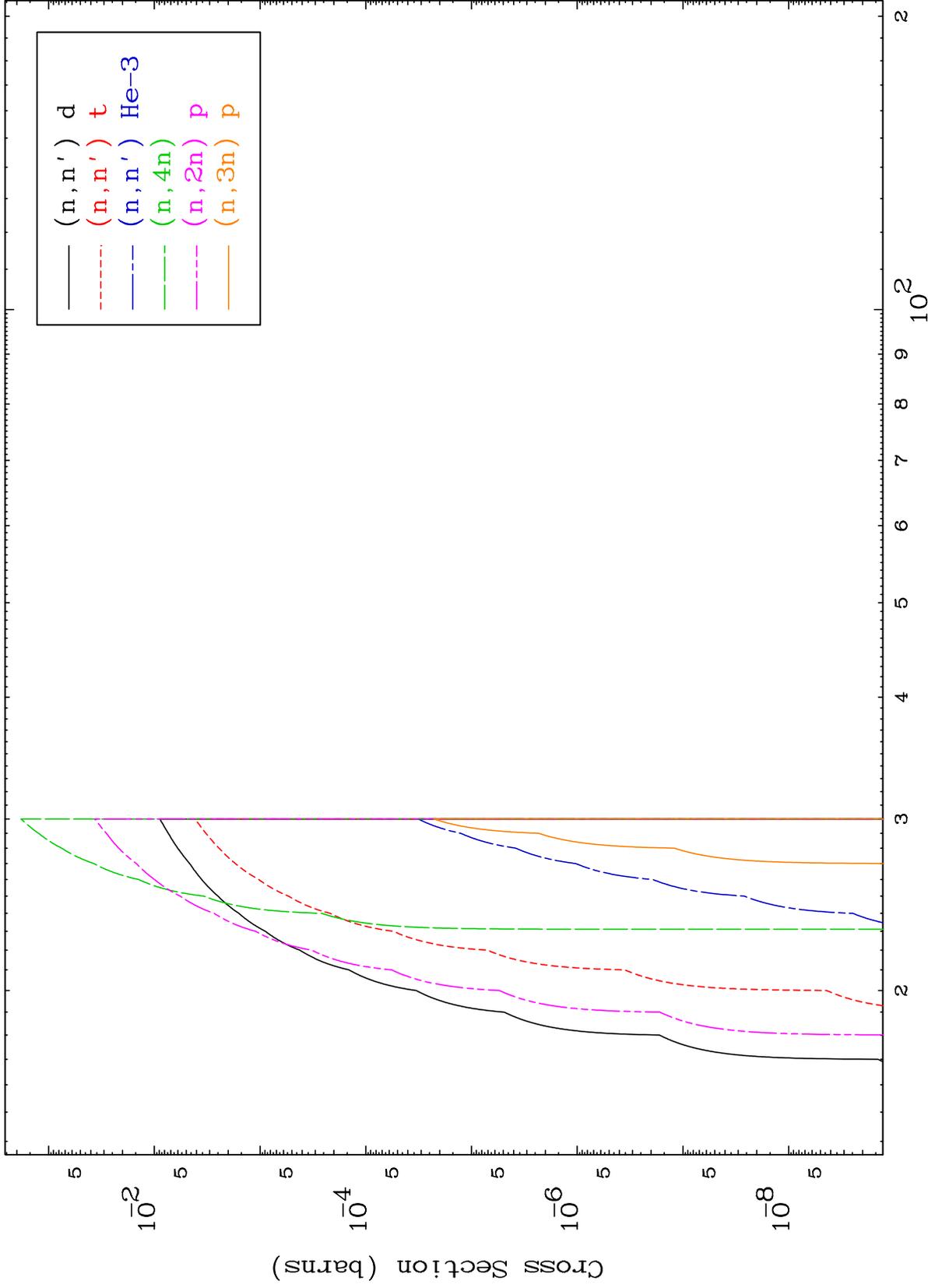
48-Cd-113



2

Incident Energy (MeV)

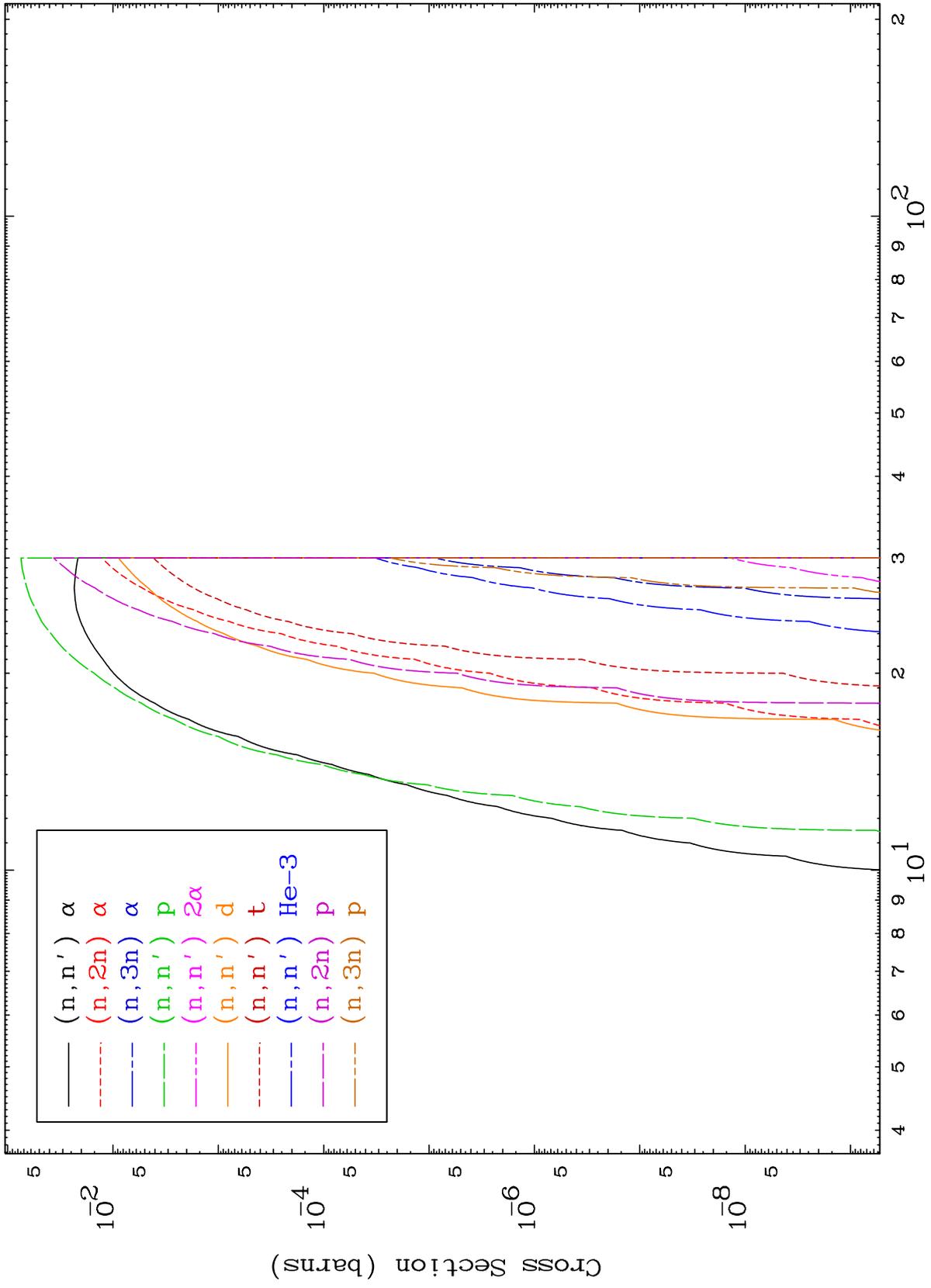
48-Cd-113



MAT 4846

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



4

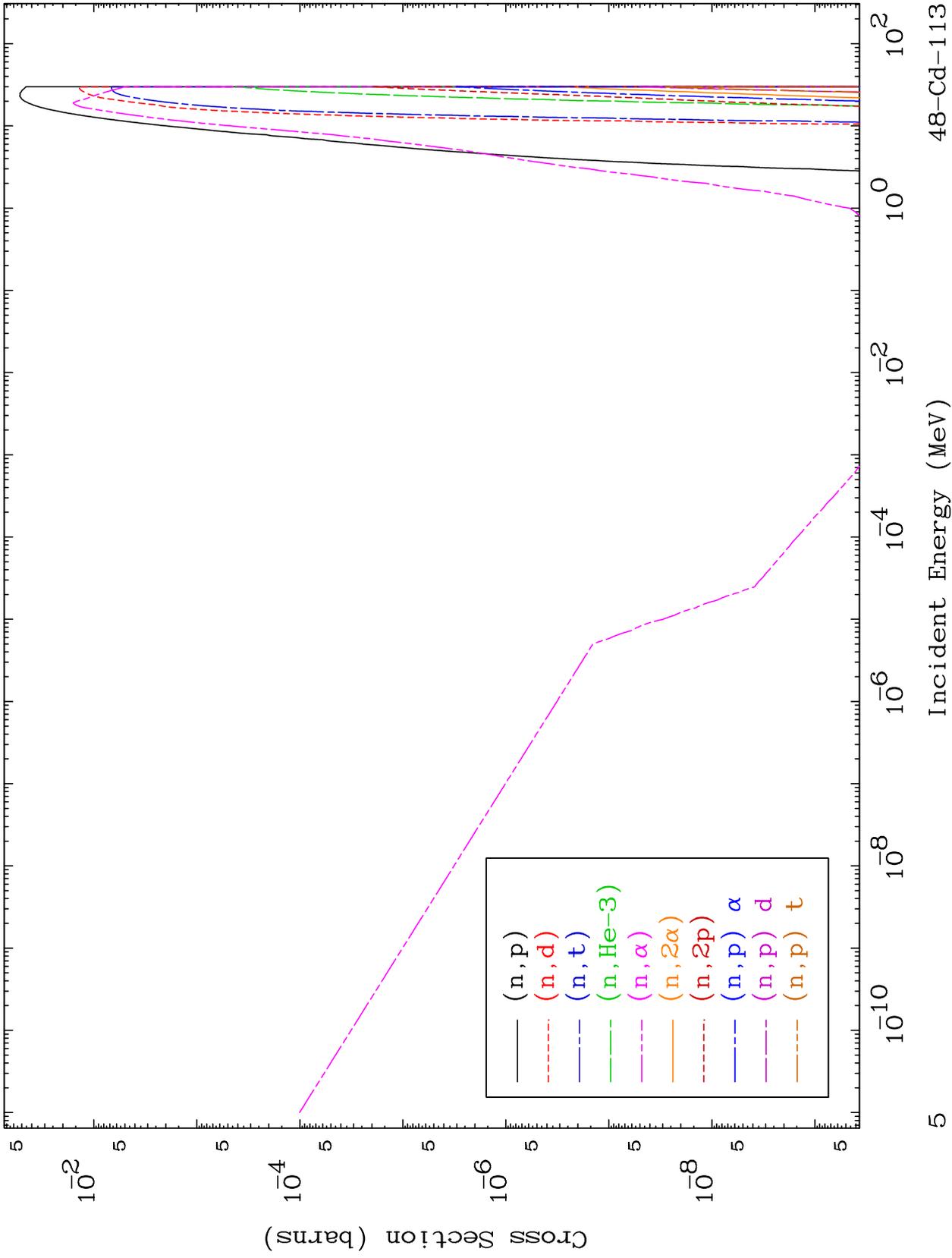
Incident Energy (MeV)

48-Cd-113

MAT 4846

Charged Particle
293 Kelvin Cross Sections

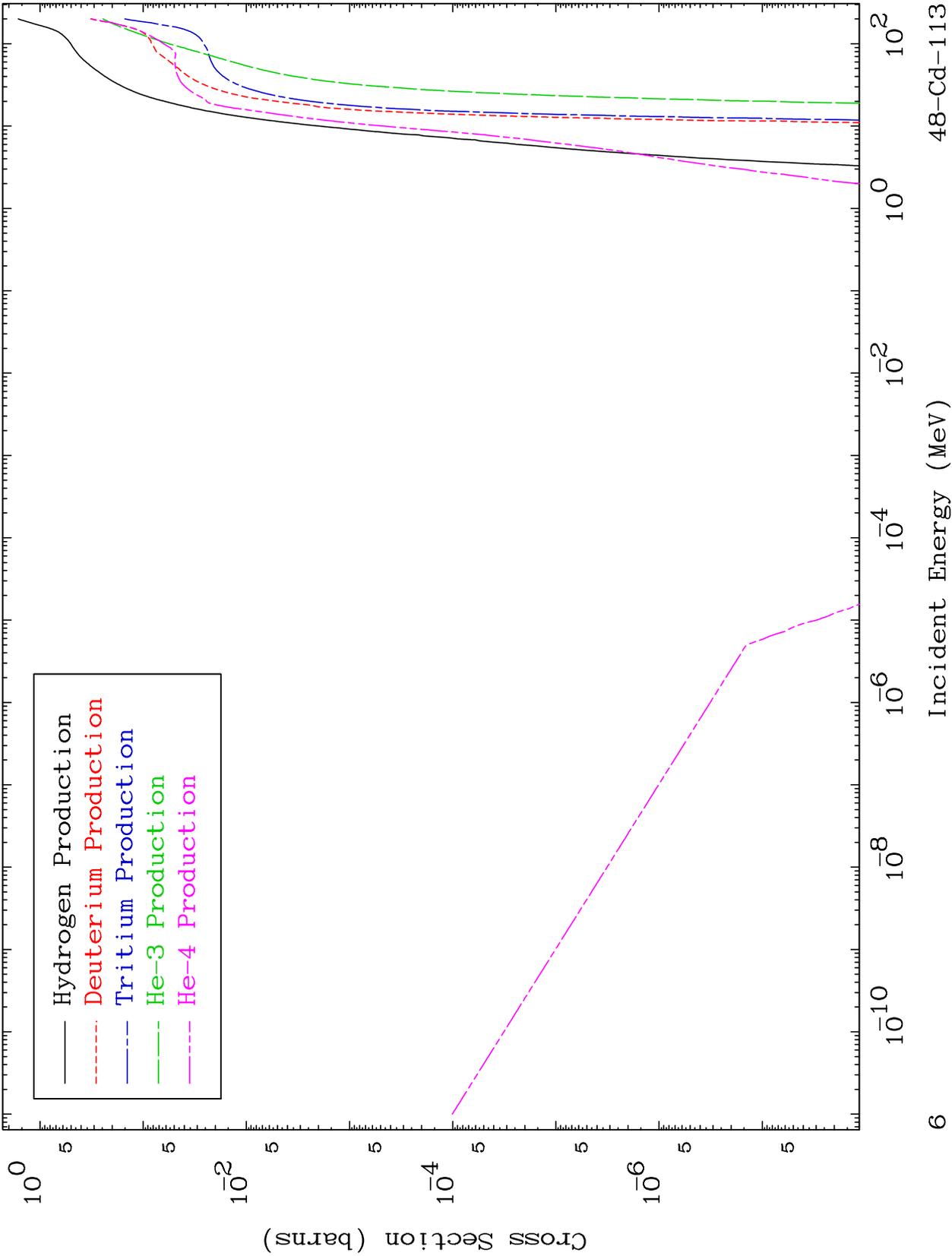
48-Cd-113



MAT 4846

Particle Production
293 Kelvin Cross Sections

48-Cd-113

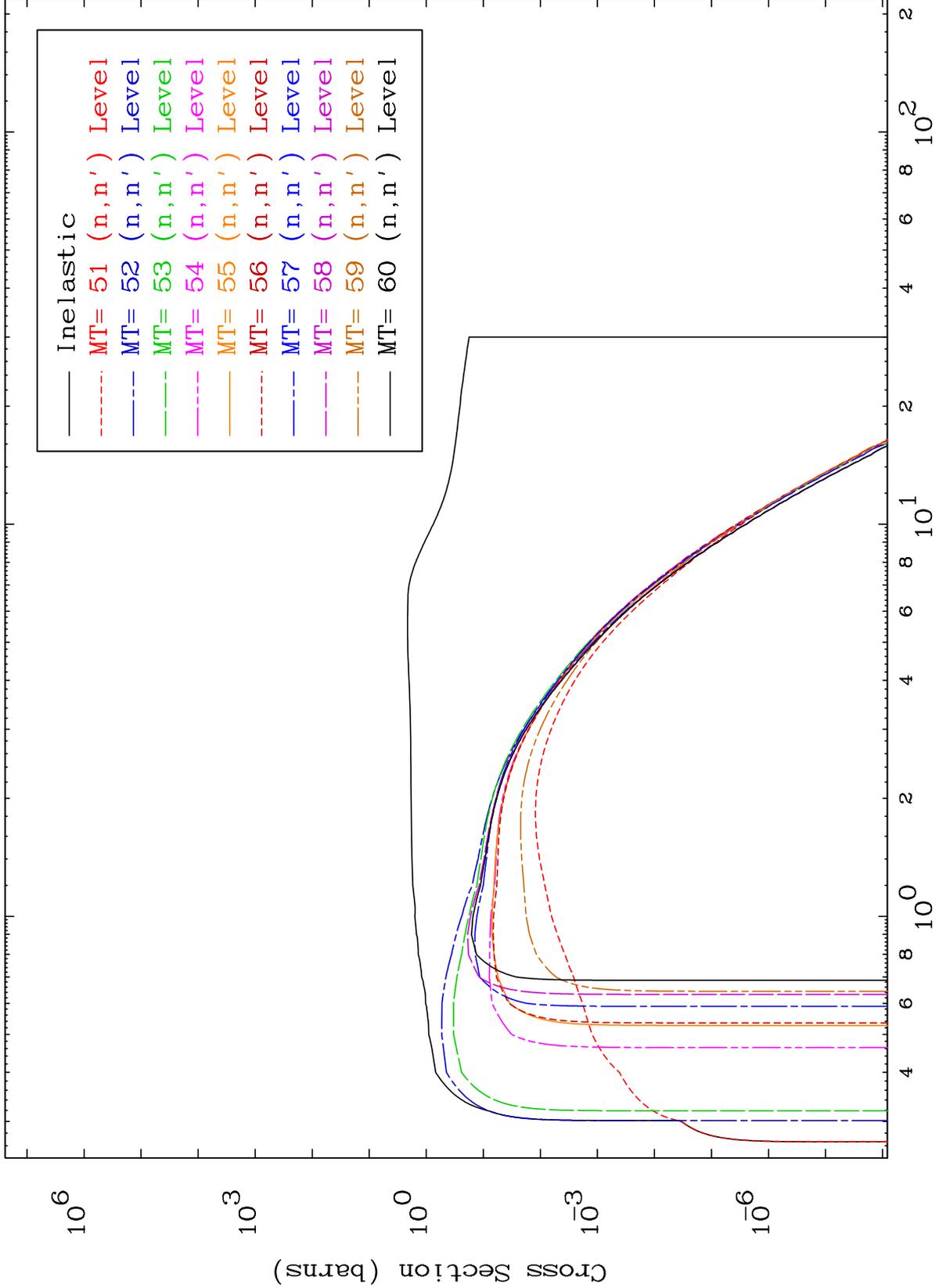


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections

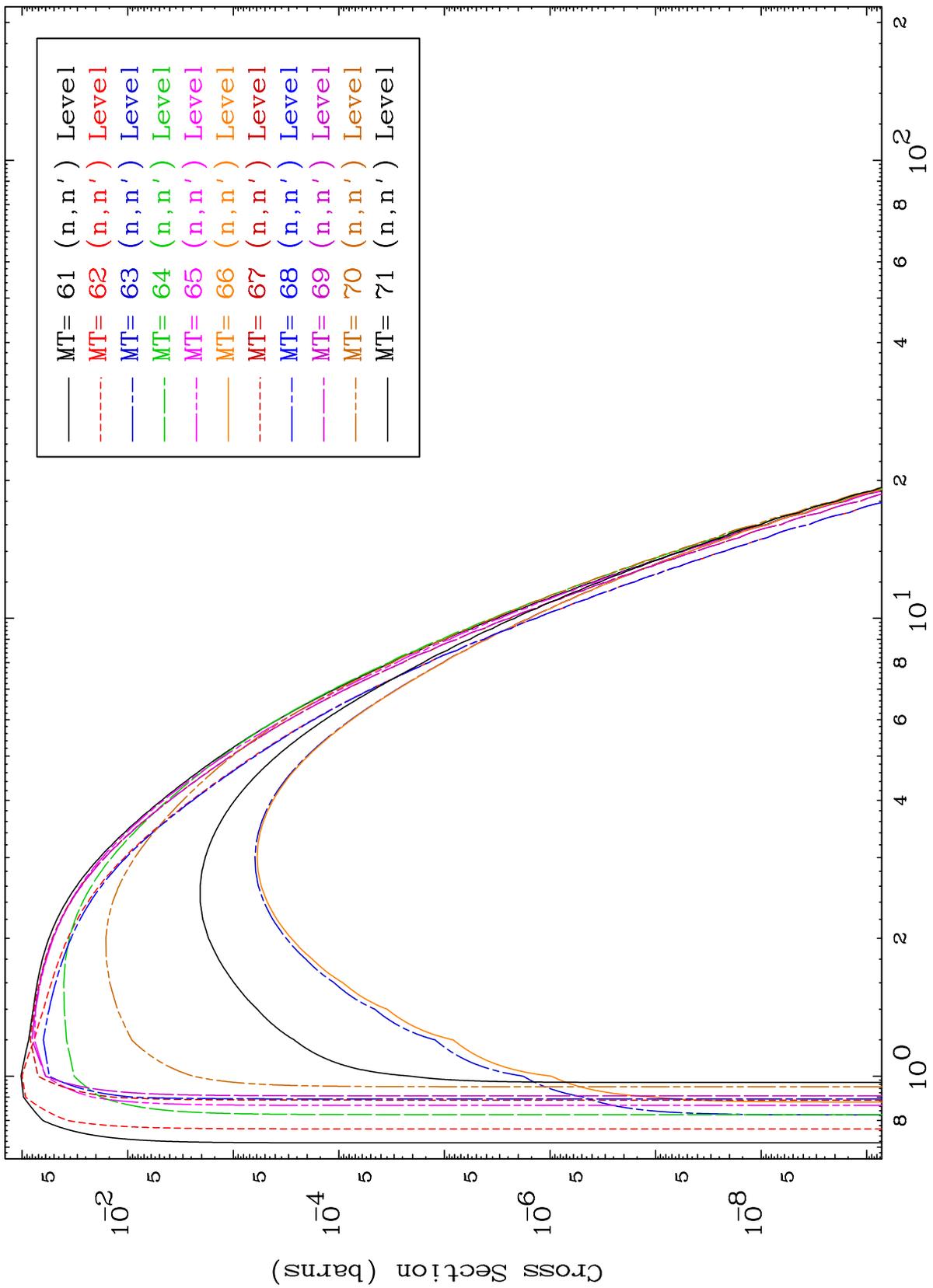


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



8

Incident Energy (MeV)

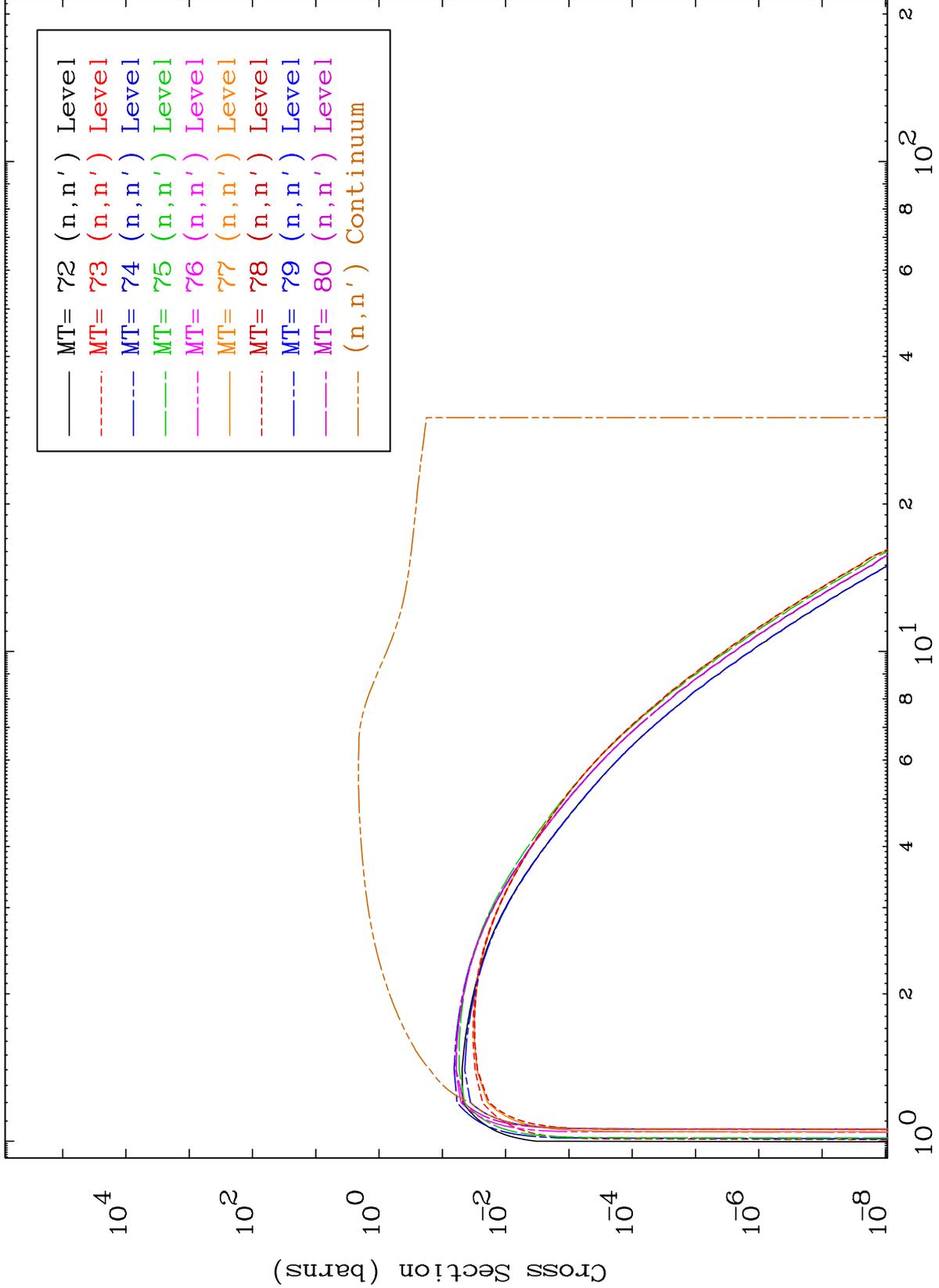
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MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



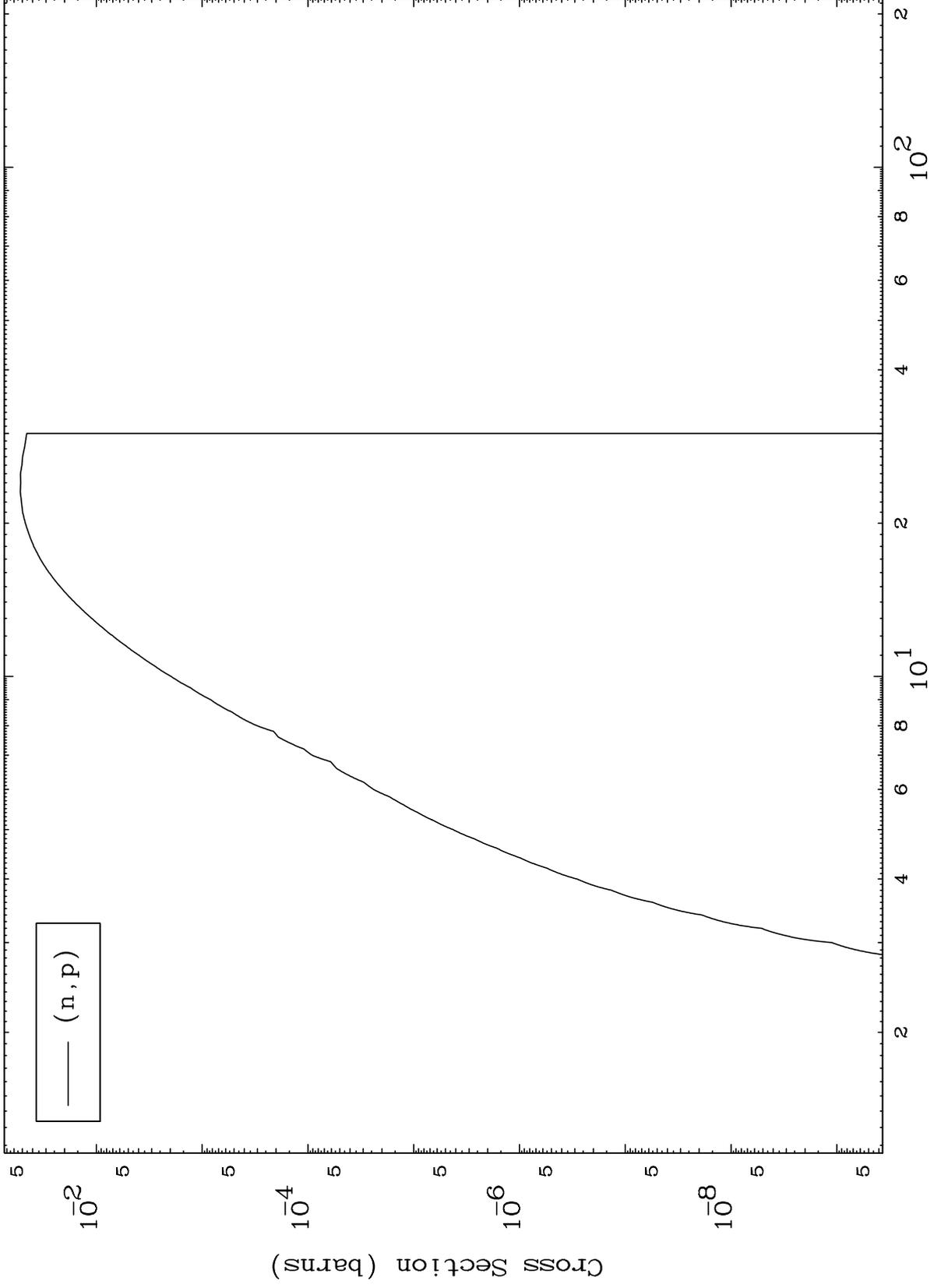
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48-Cd-113

MAT 4846

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113



10

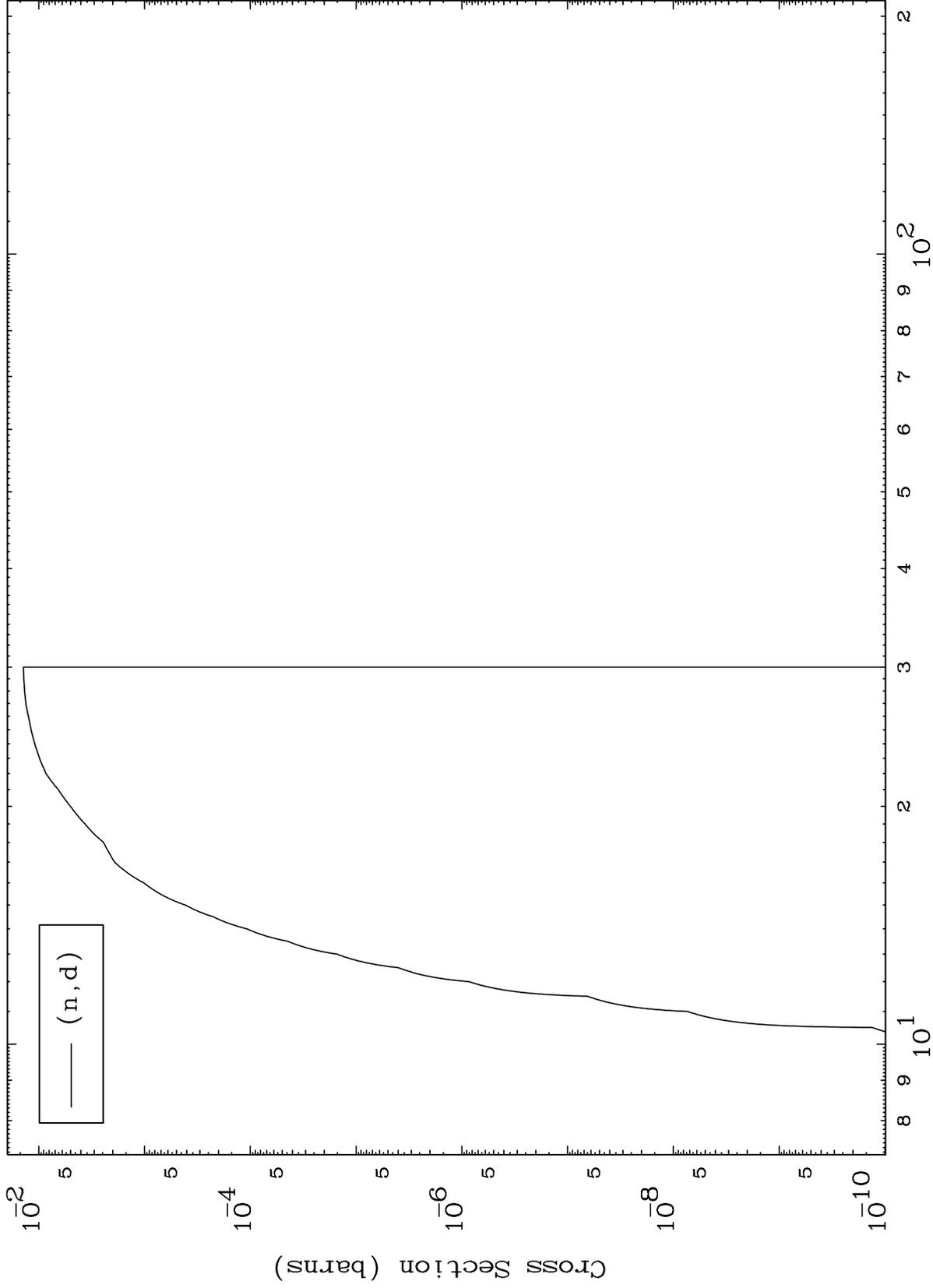
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48-Cd-113

MAT 4846

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



11

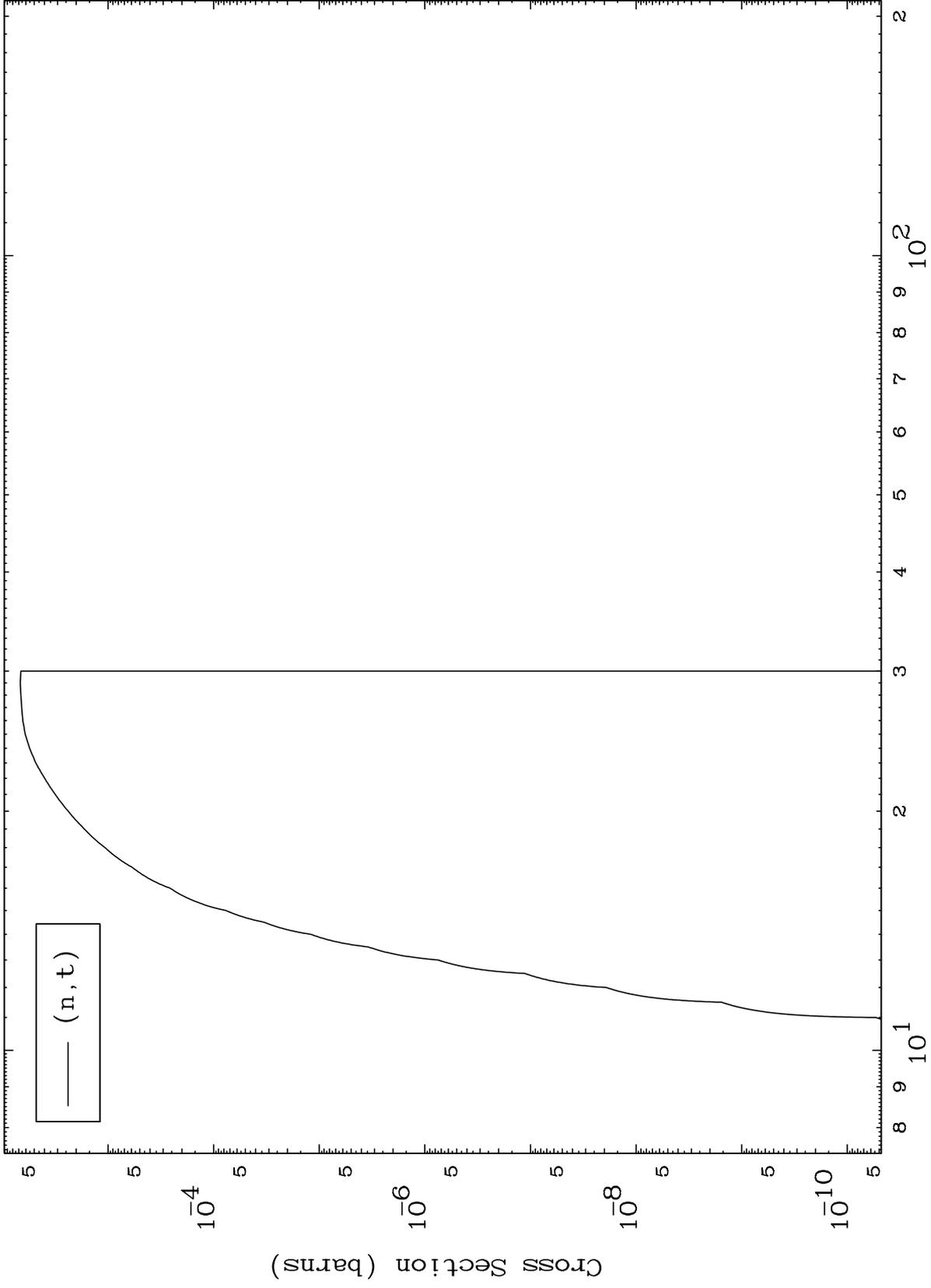
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MAT 4846

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-113



12

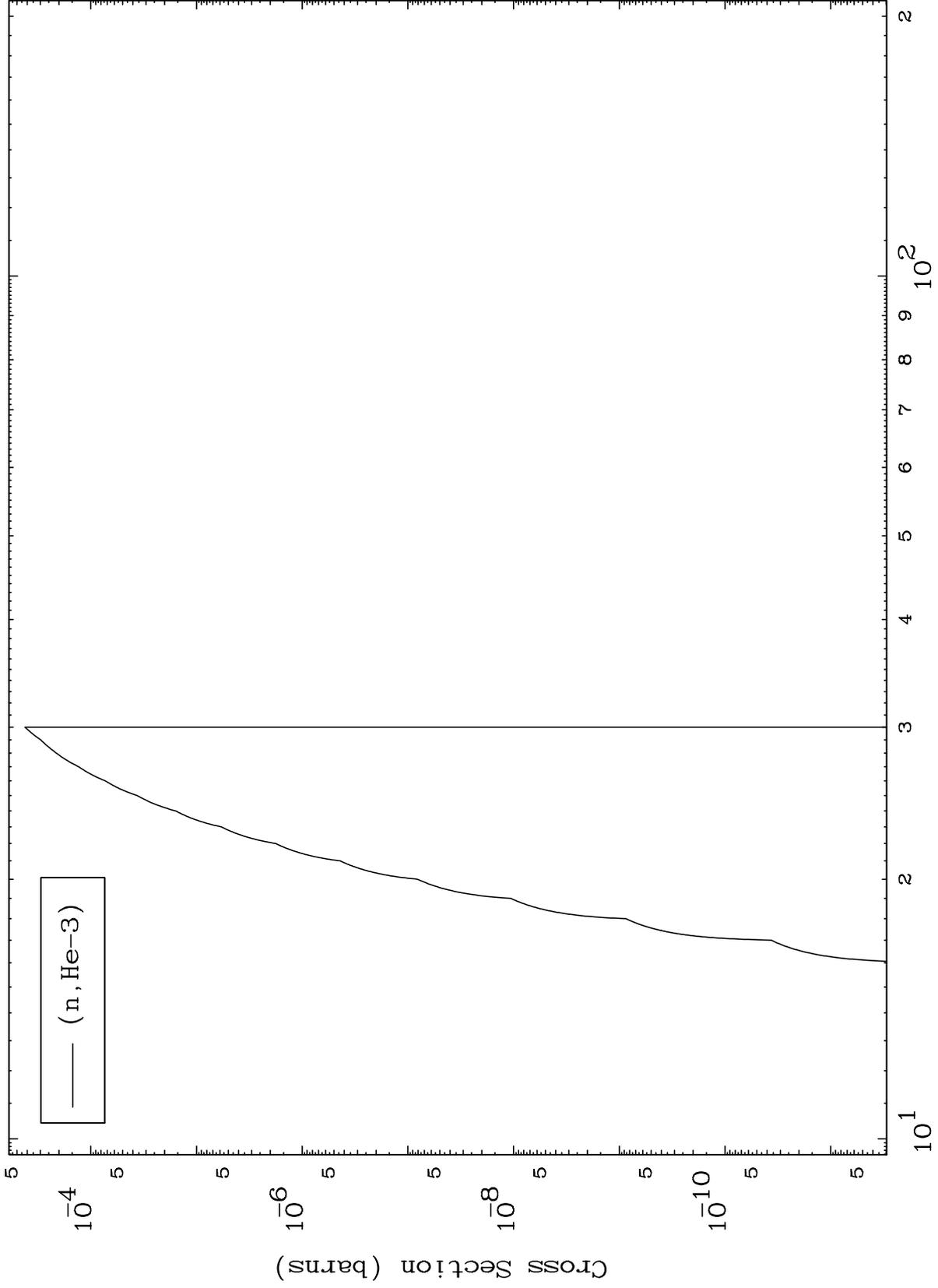
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48-Cd-113

MAT 4846

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-113



13

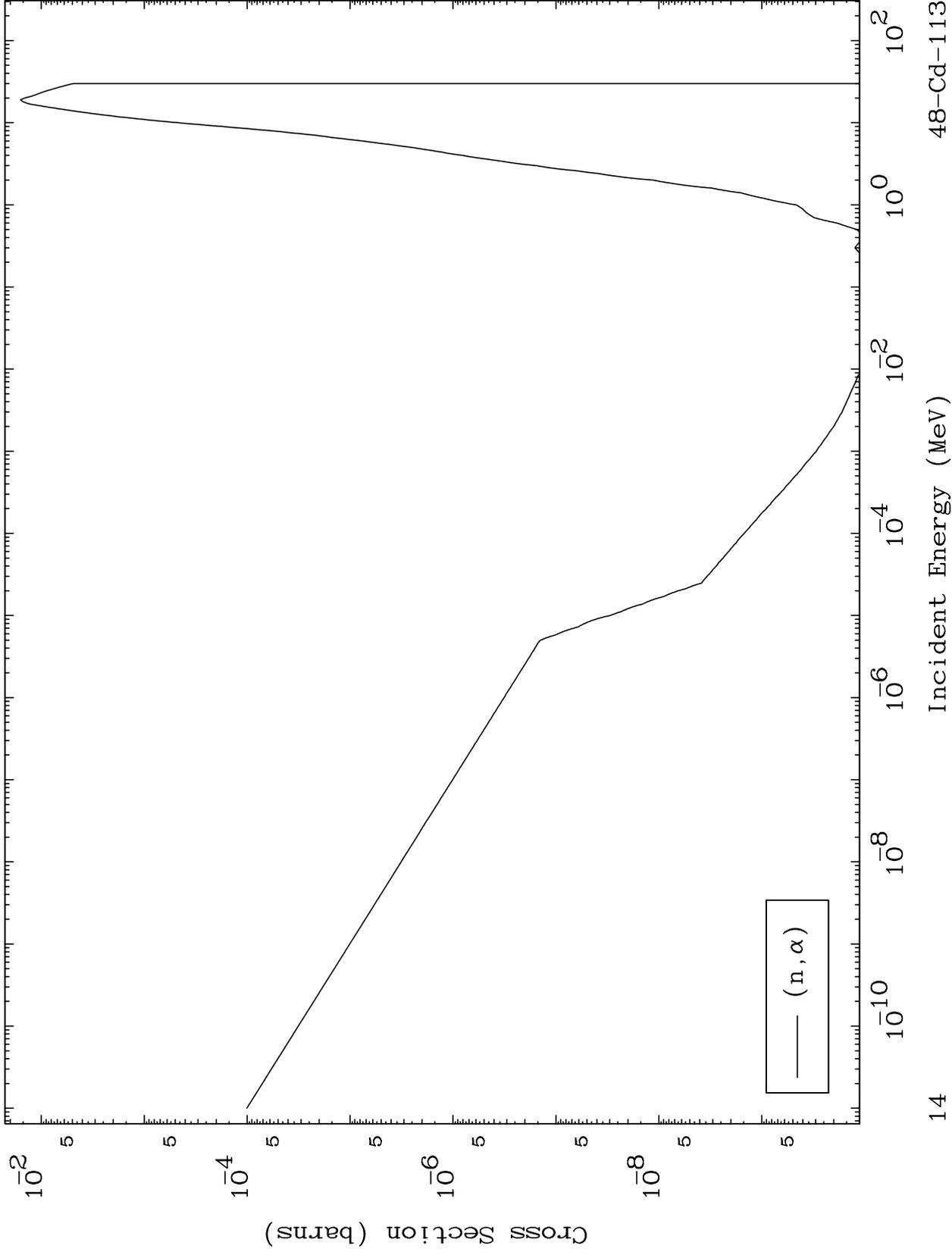
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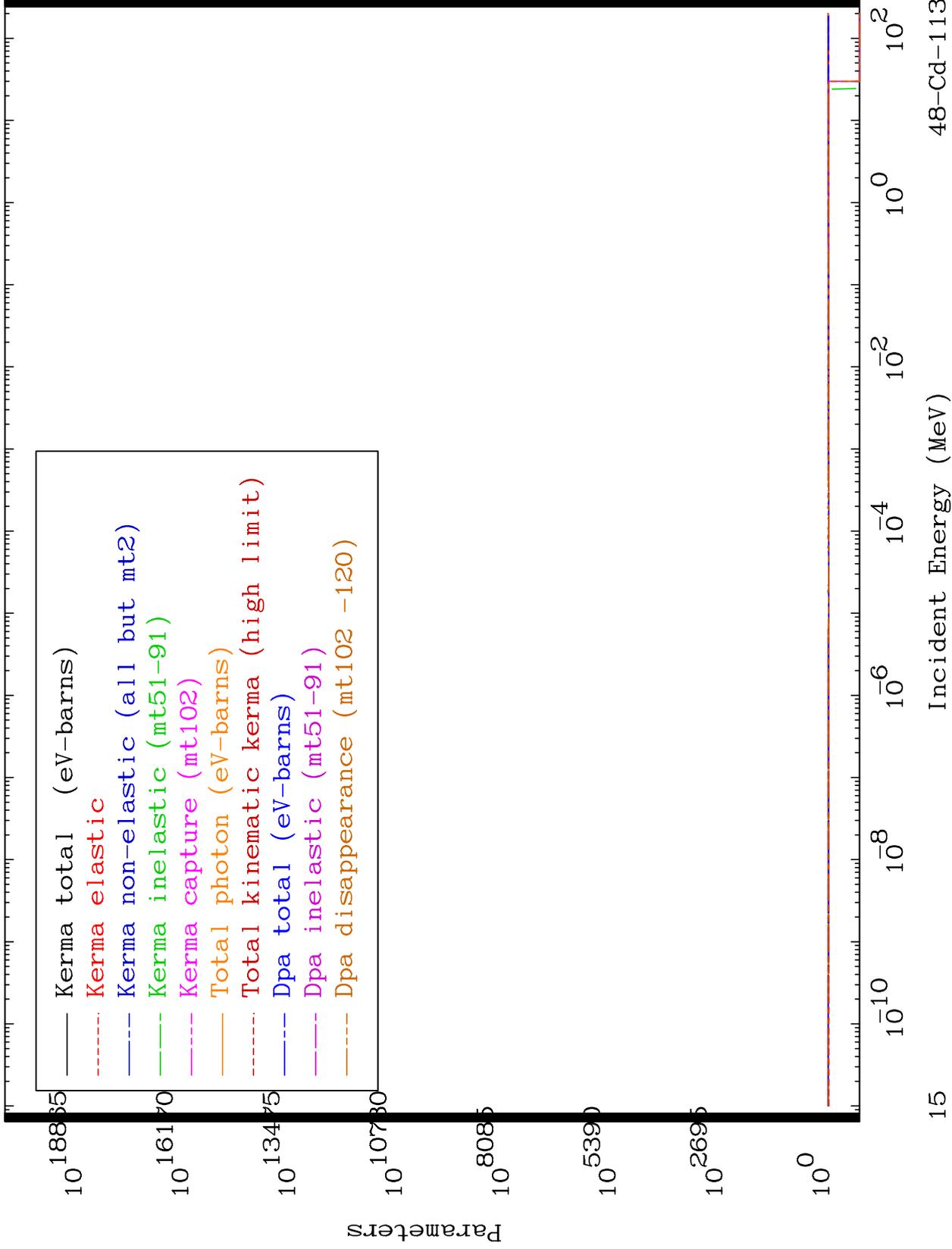
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MAT 4846

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-113

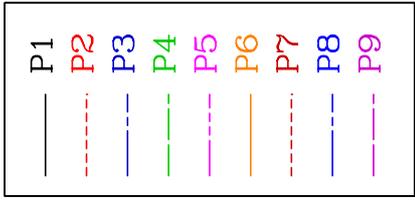
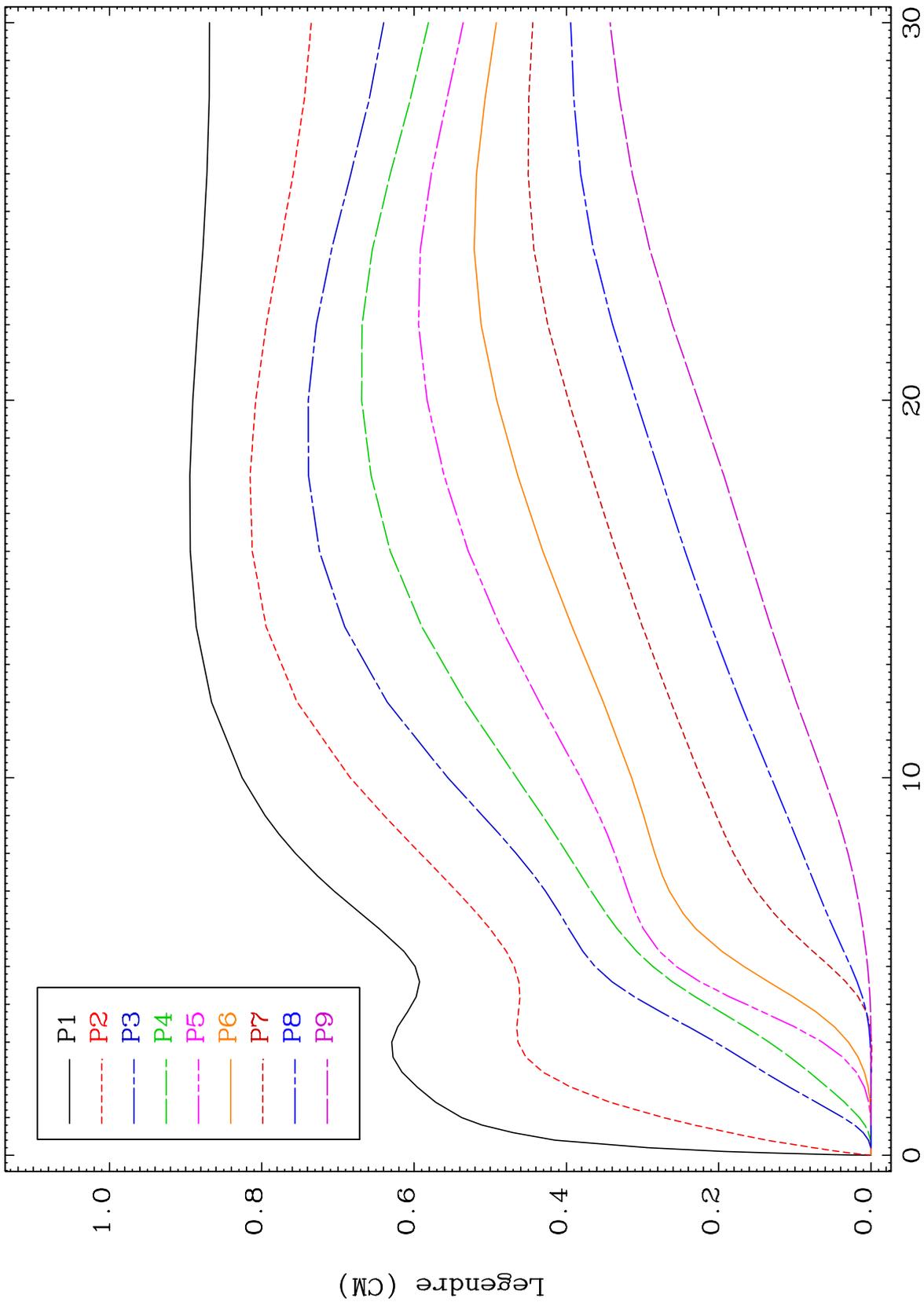




MAT 4846

Elastic Legendre Coefficients

48-Cd-113



16

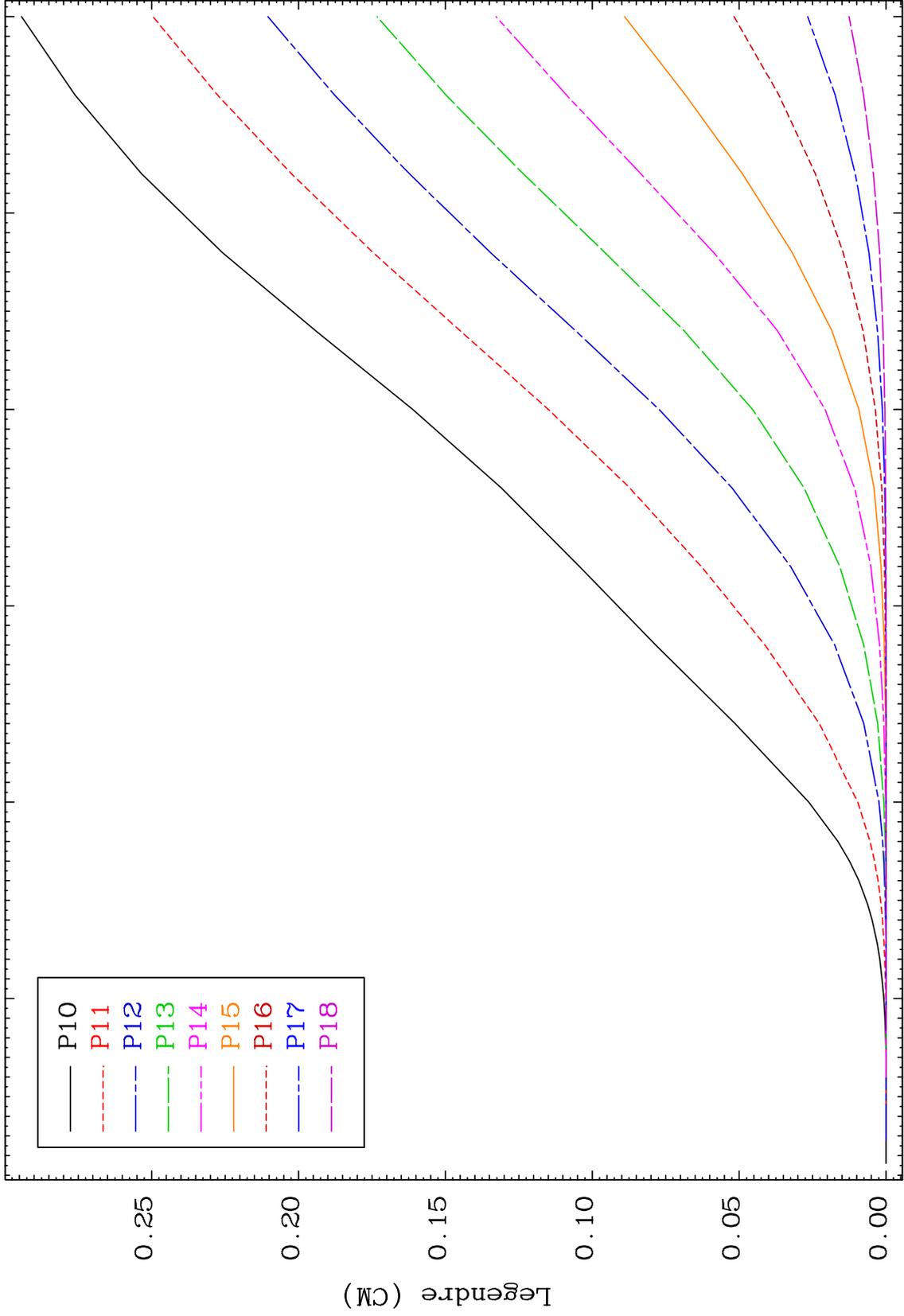
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



17

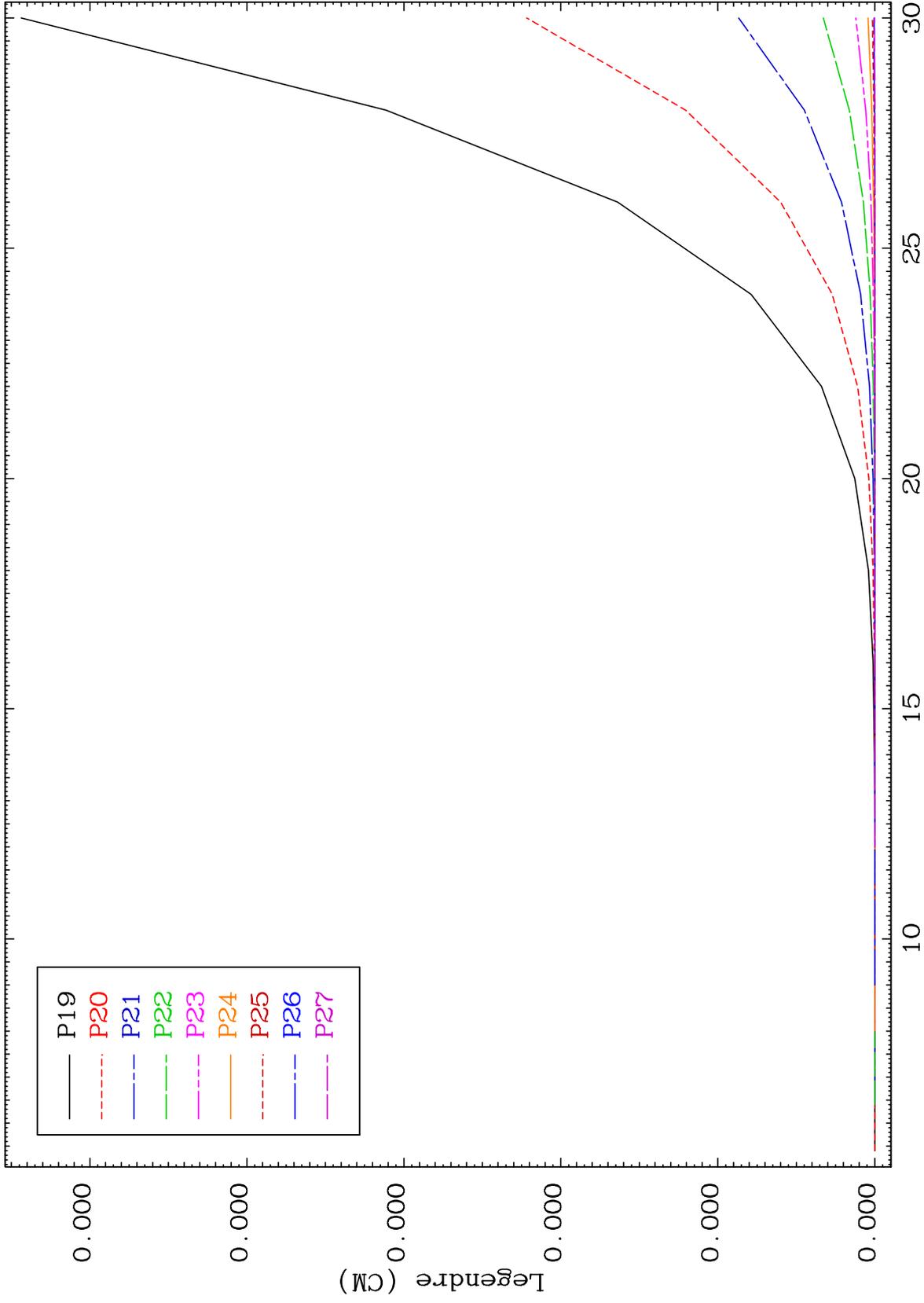
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

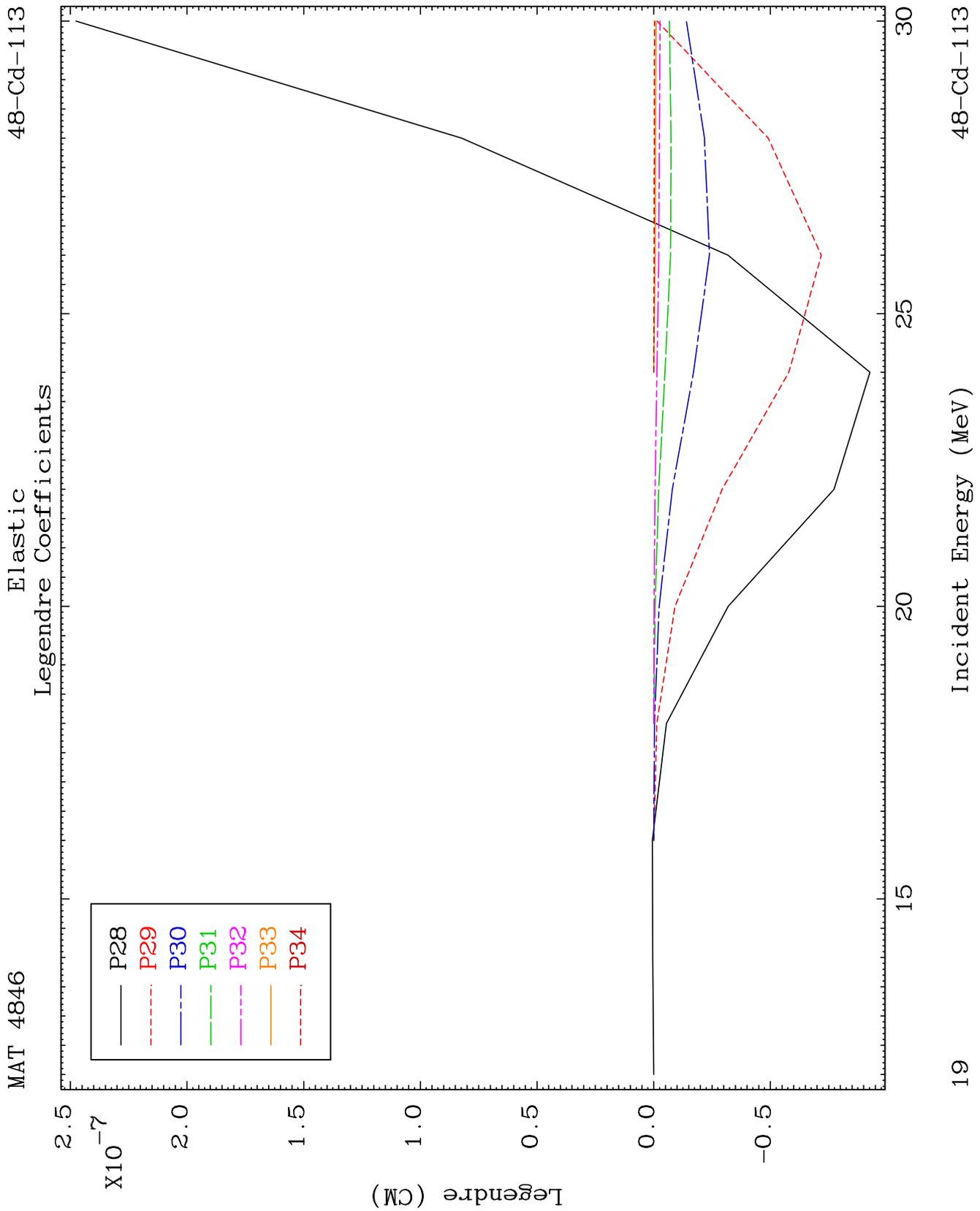
48-Cd-113



18

Incident Energy (MeV)

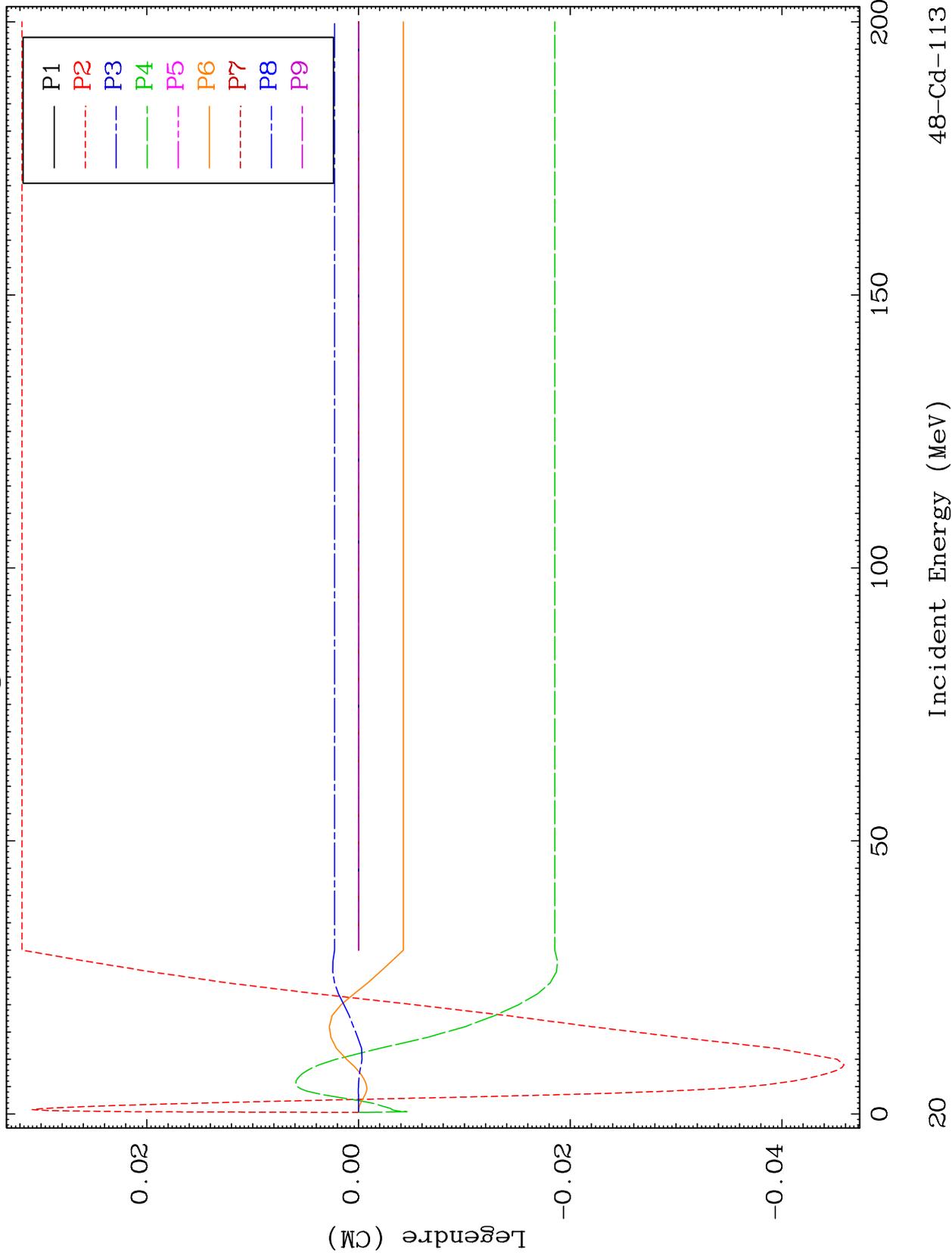
48-Cd-113



MAT 4846

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

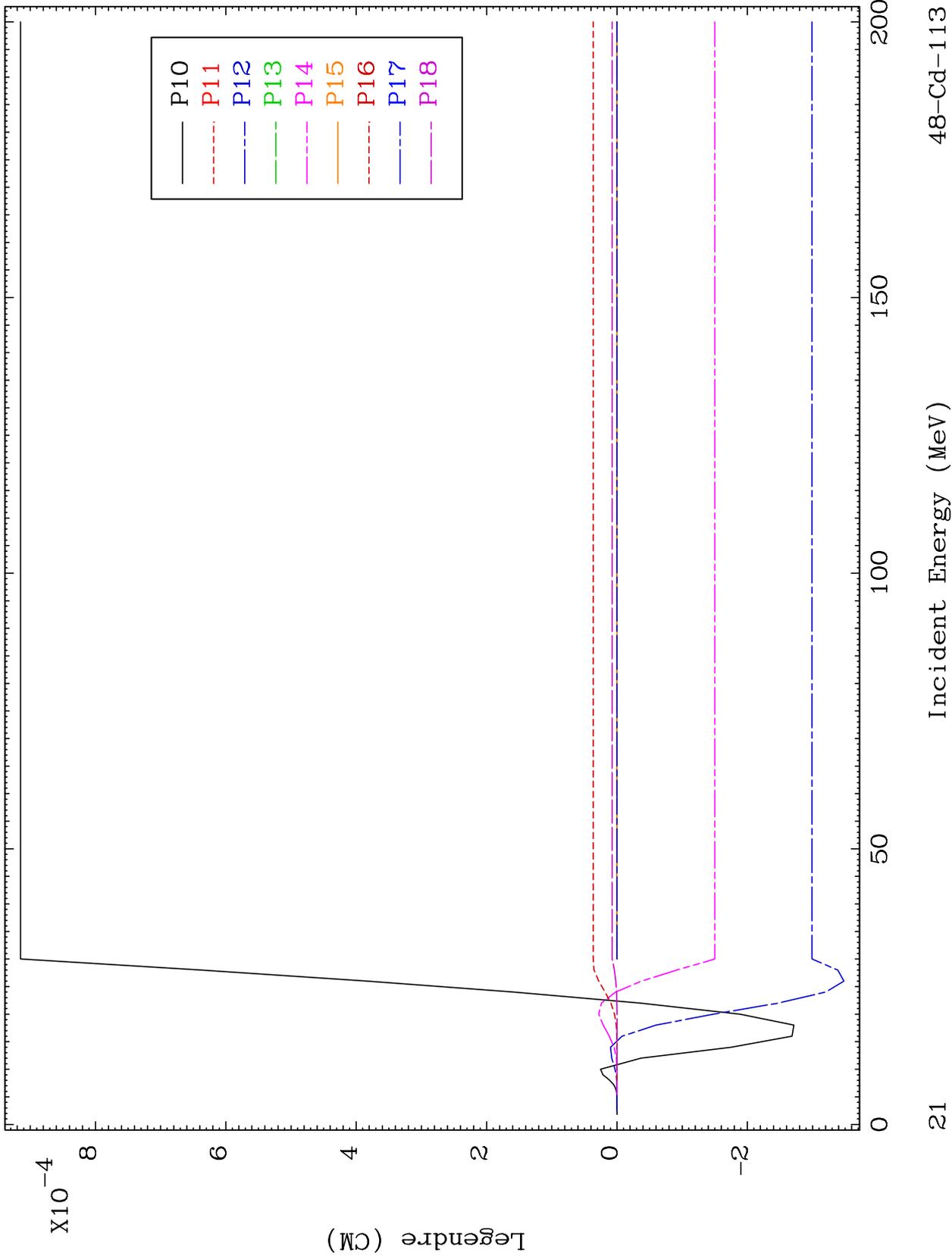
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MAT 4846

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

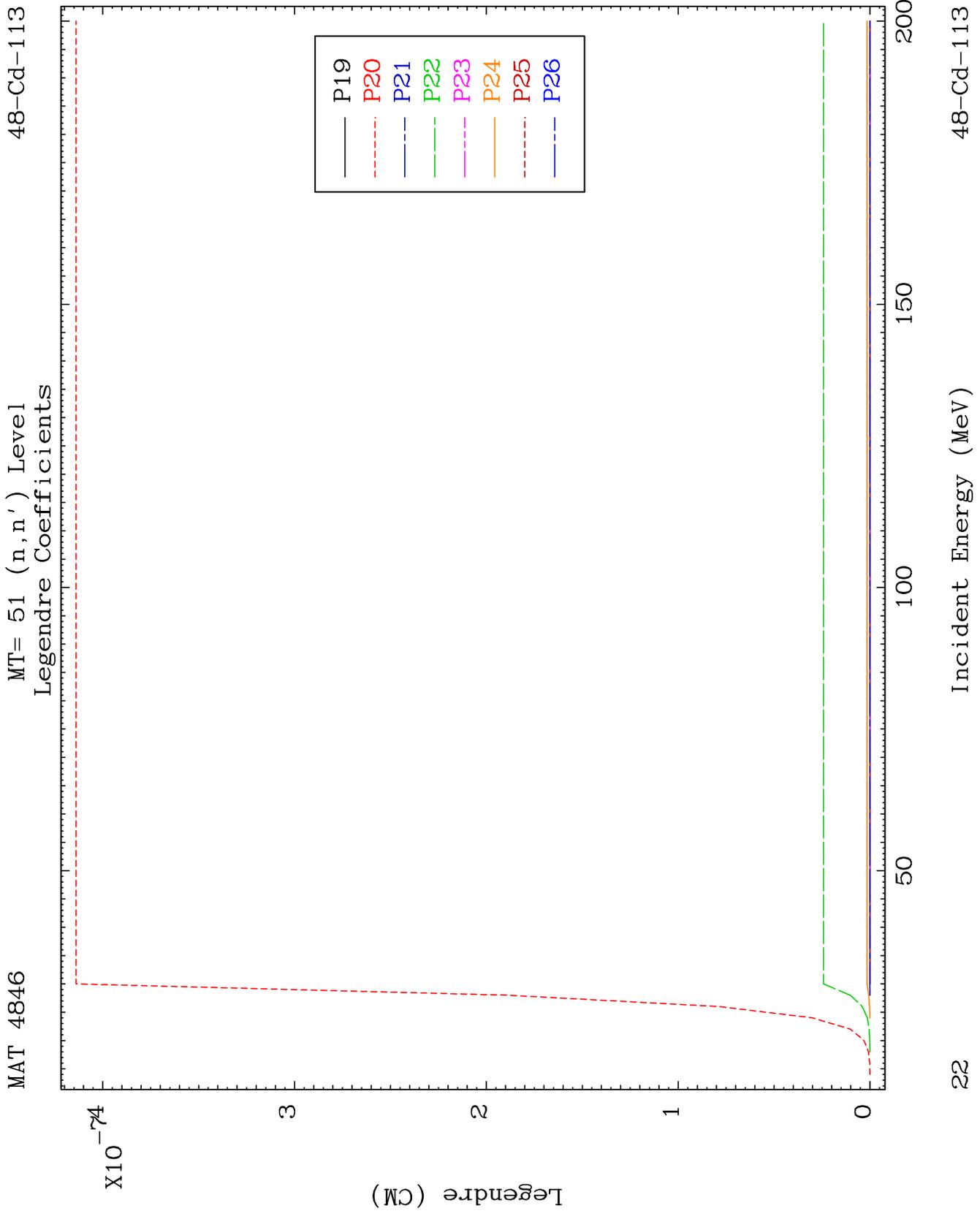
48-Cd-113



21

Incident Energy (MeV)

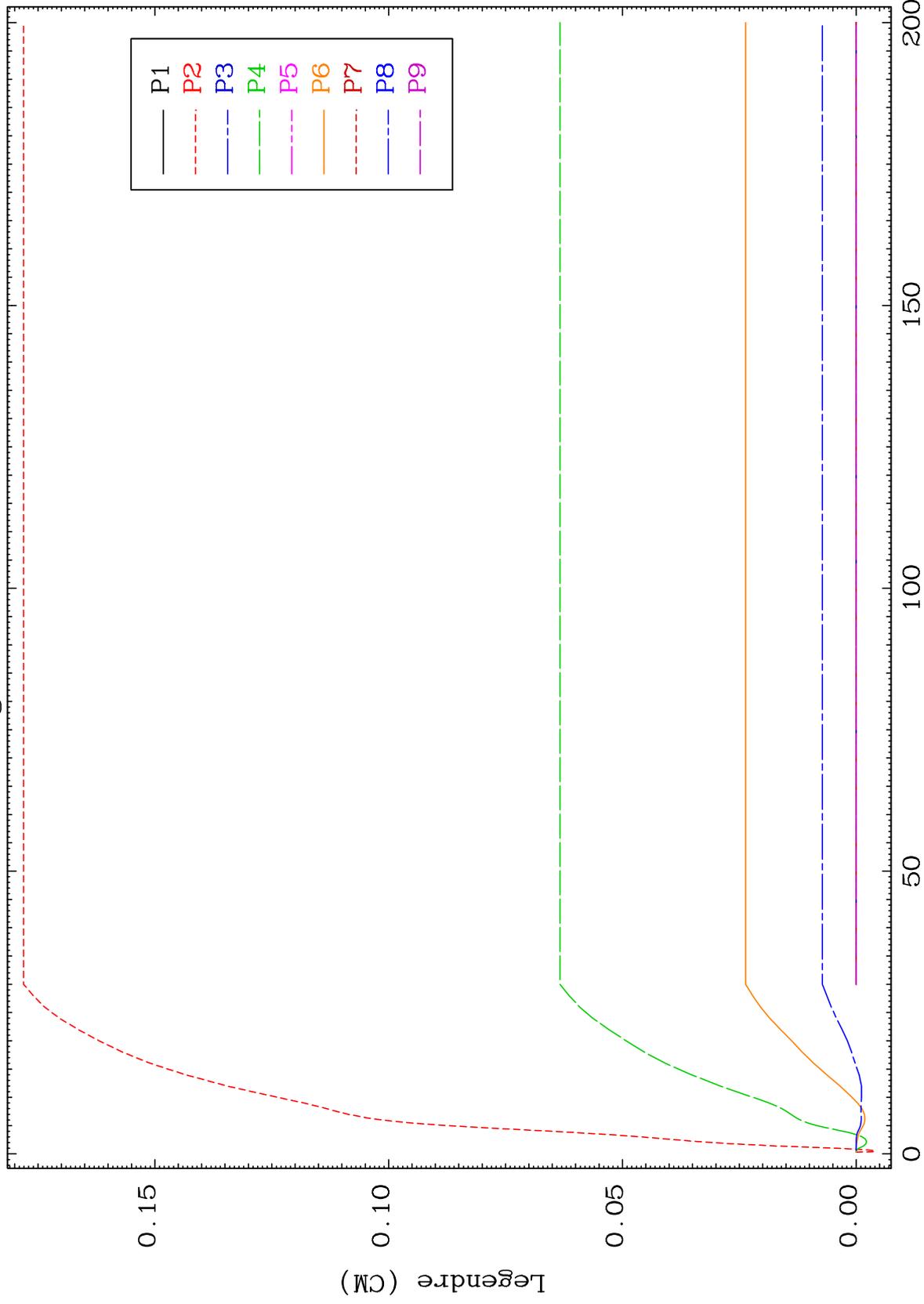
48-Cd-113



MAT 4846

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

48-Cd-113



23

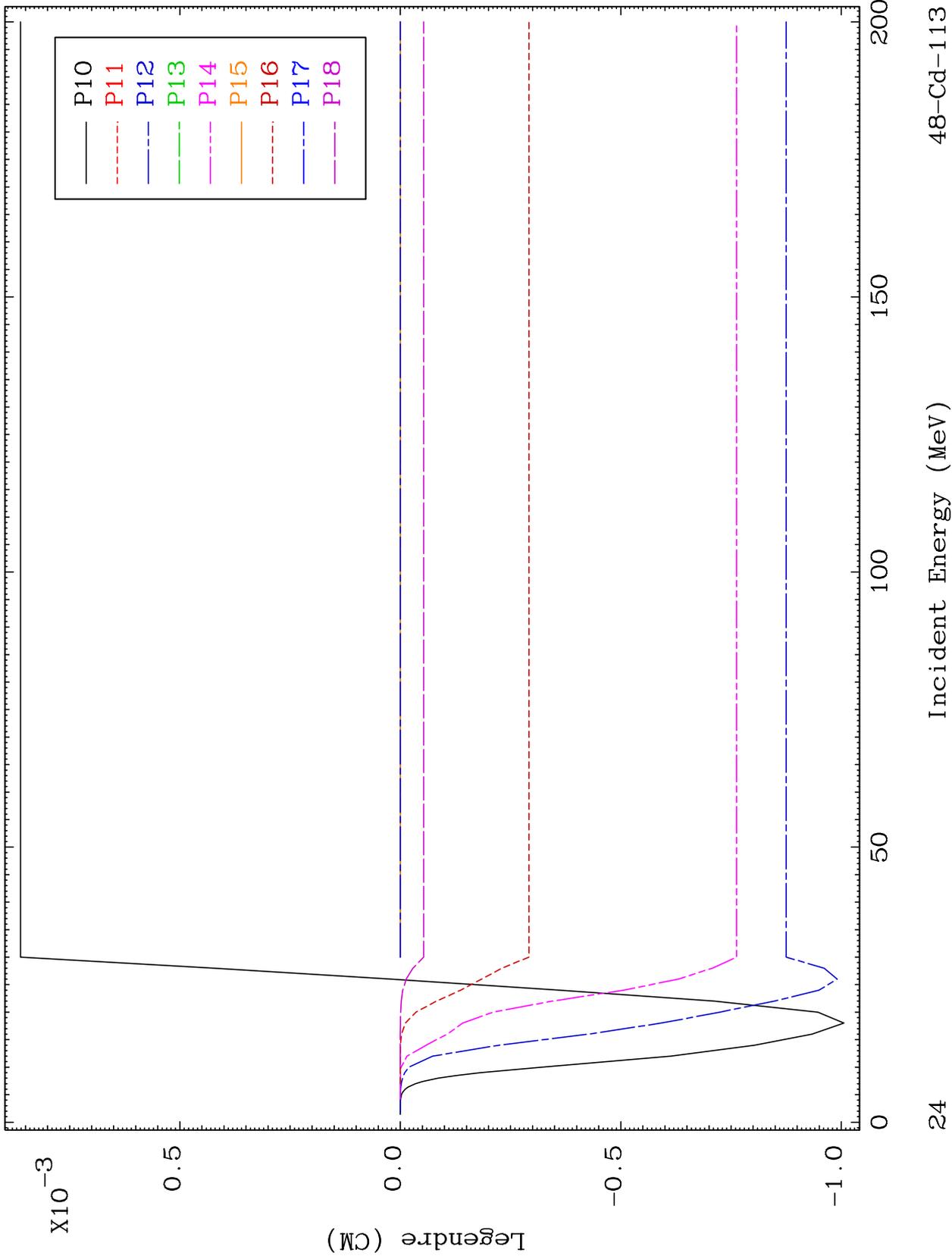
Incident Energy (MeV)

48-Cd-113

MAT 4846

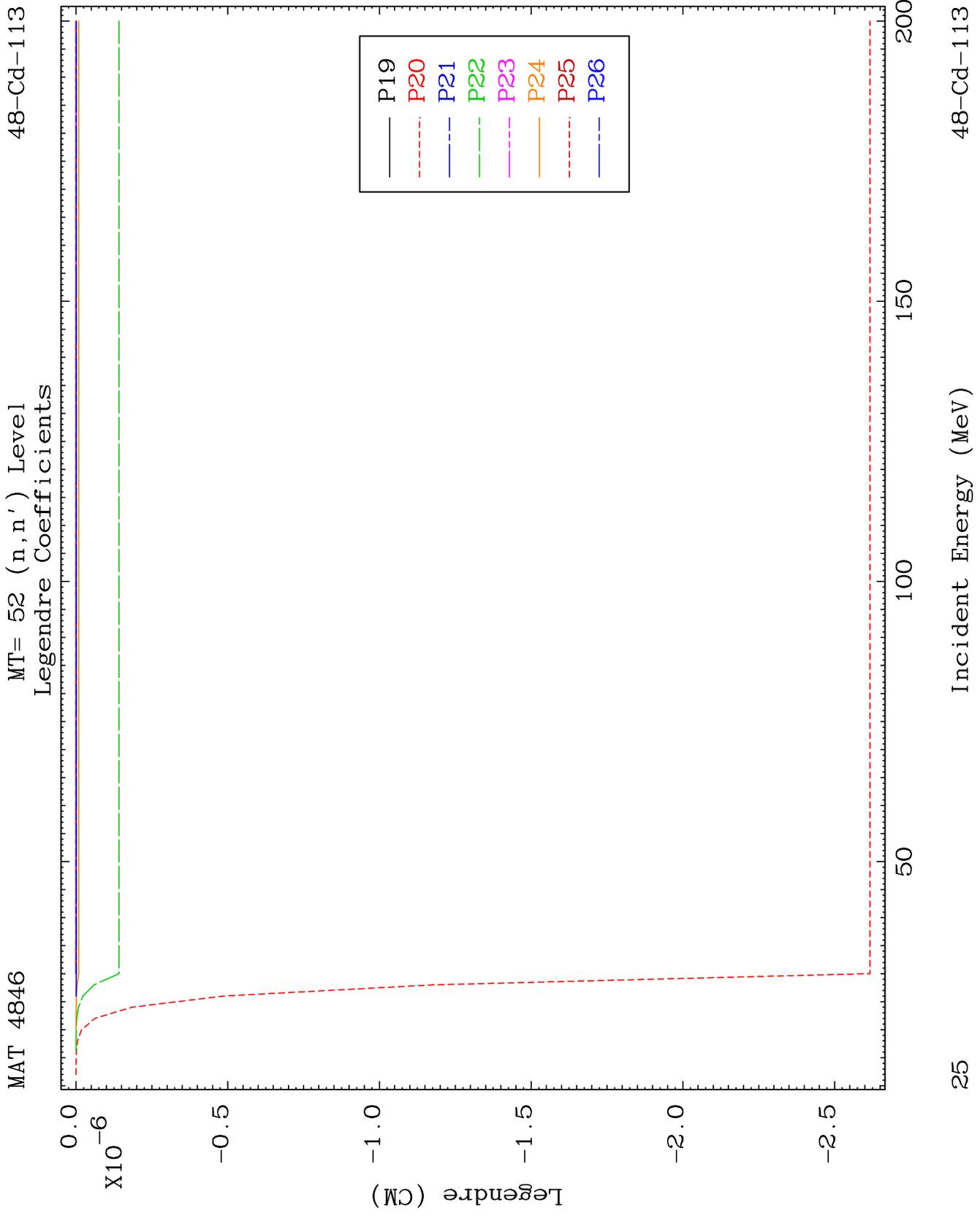
MT= 52 (n,n') Level
Legendre Coefficients

48-Cd-113



24

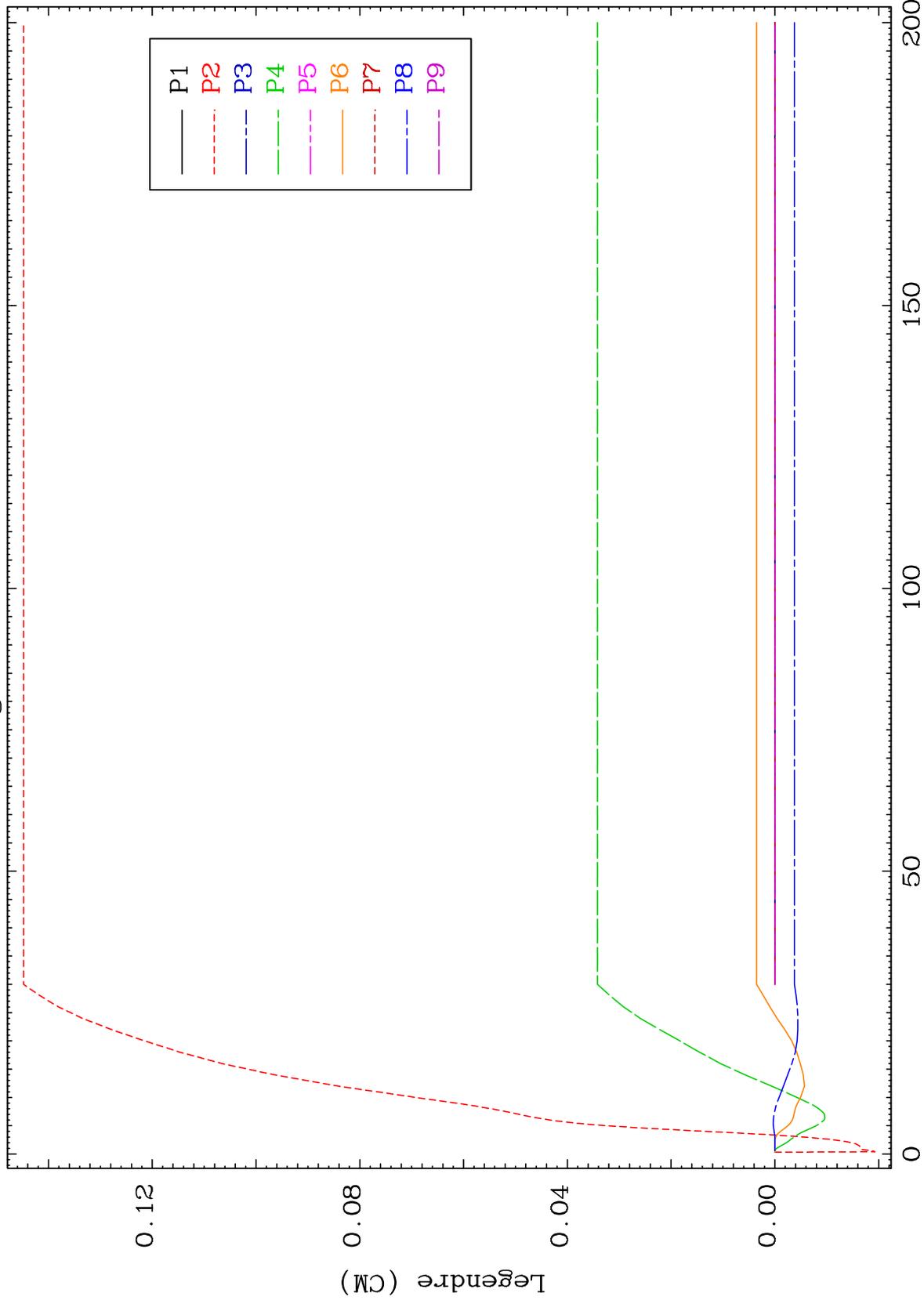
48-Cd-113



MAT 4846

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

48-Cd-113



26

Incident Energy (MeV)

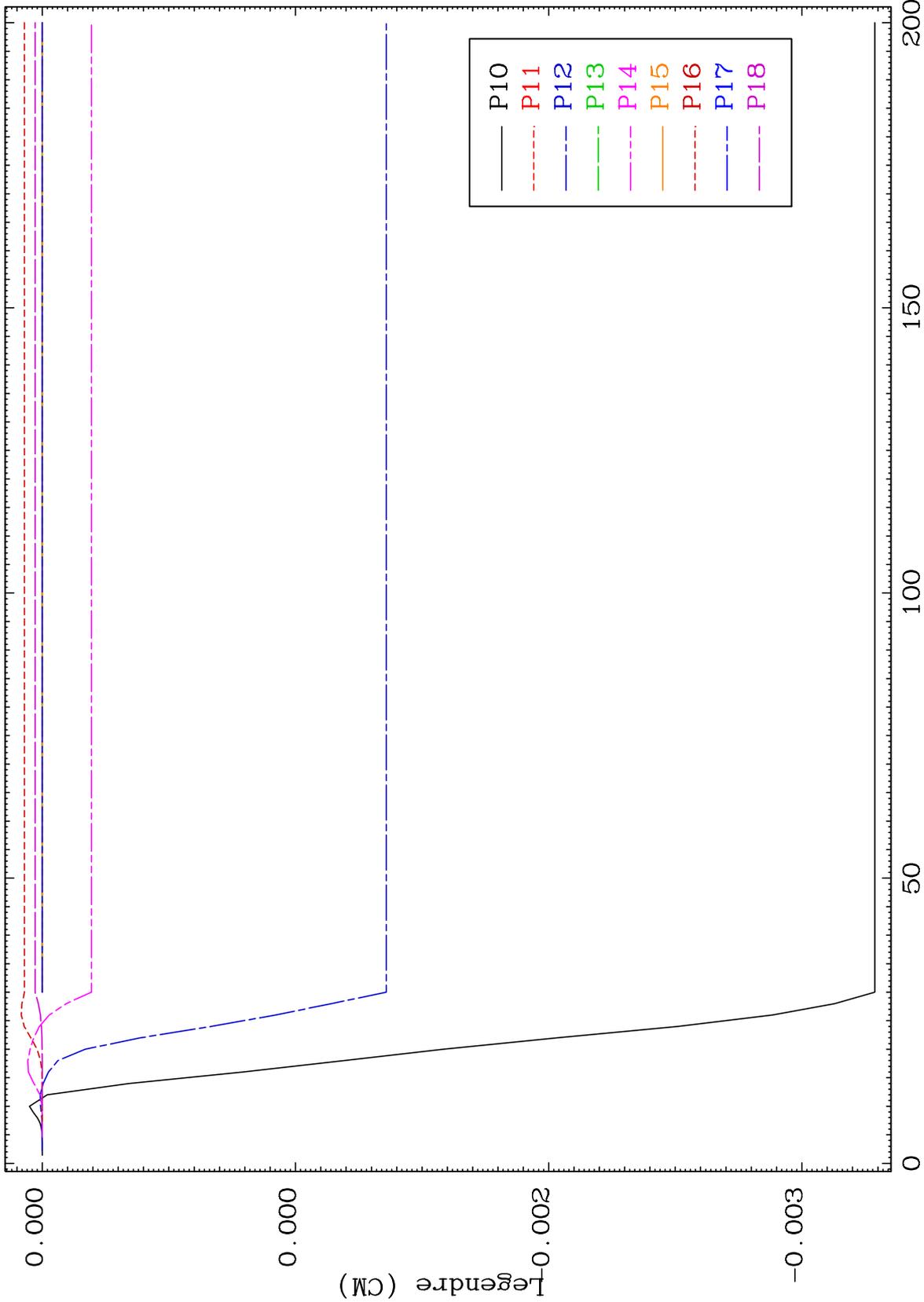
48-Cd-113

MAT 4846

MT= 53 (n,n') Level

48-Cd-113

Legendre Coefficients



27

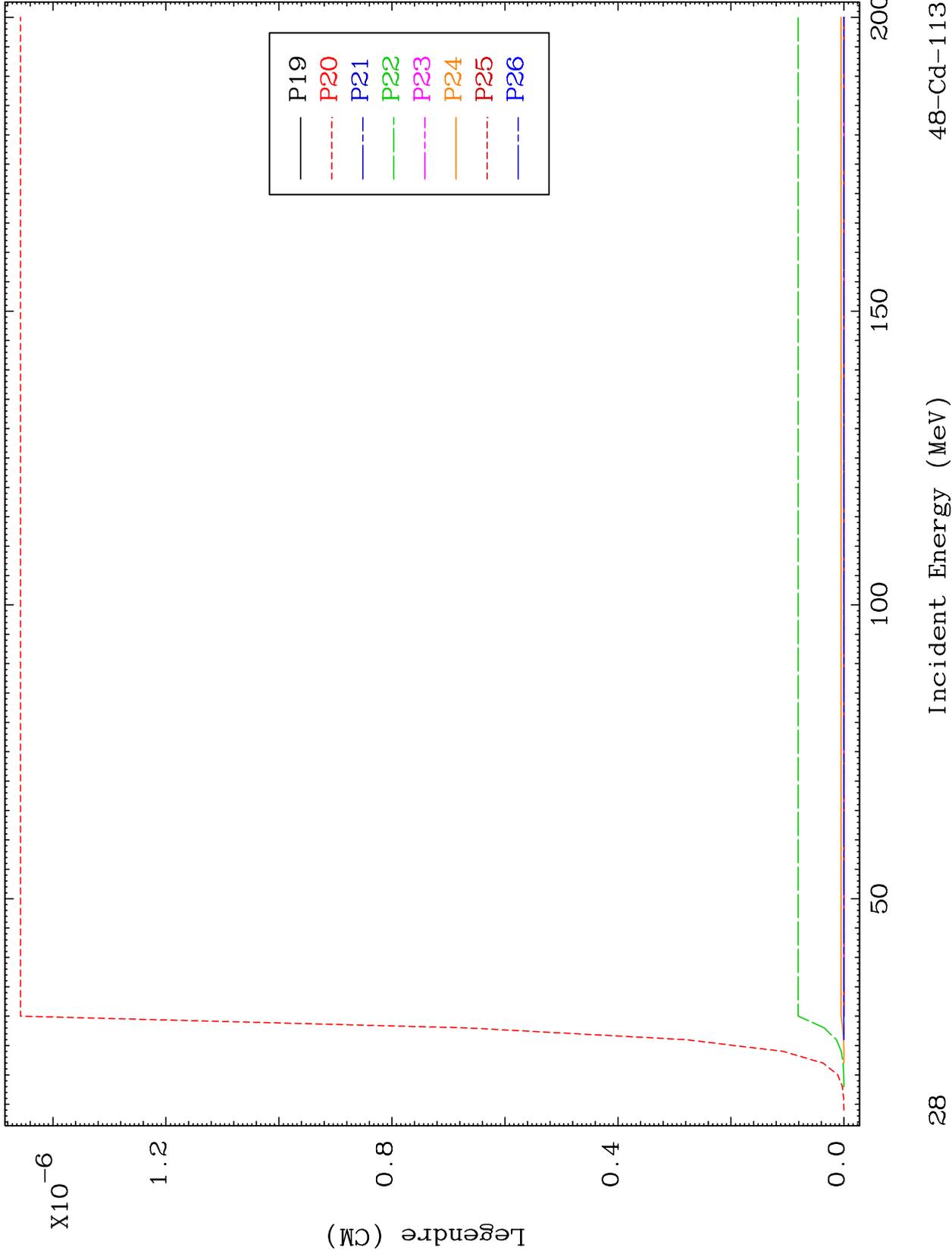
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

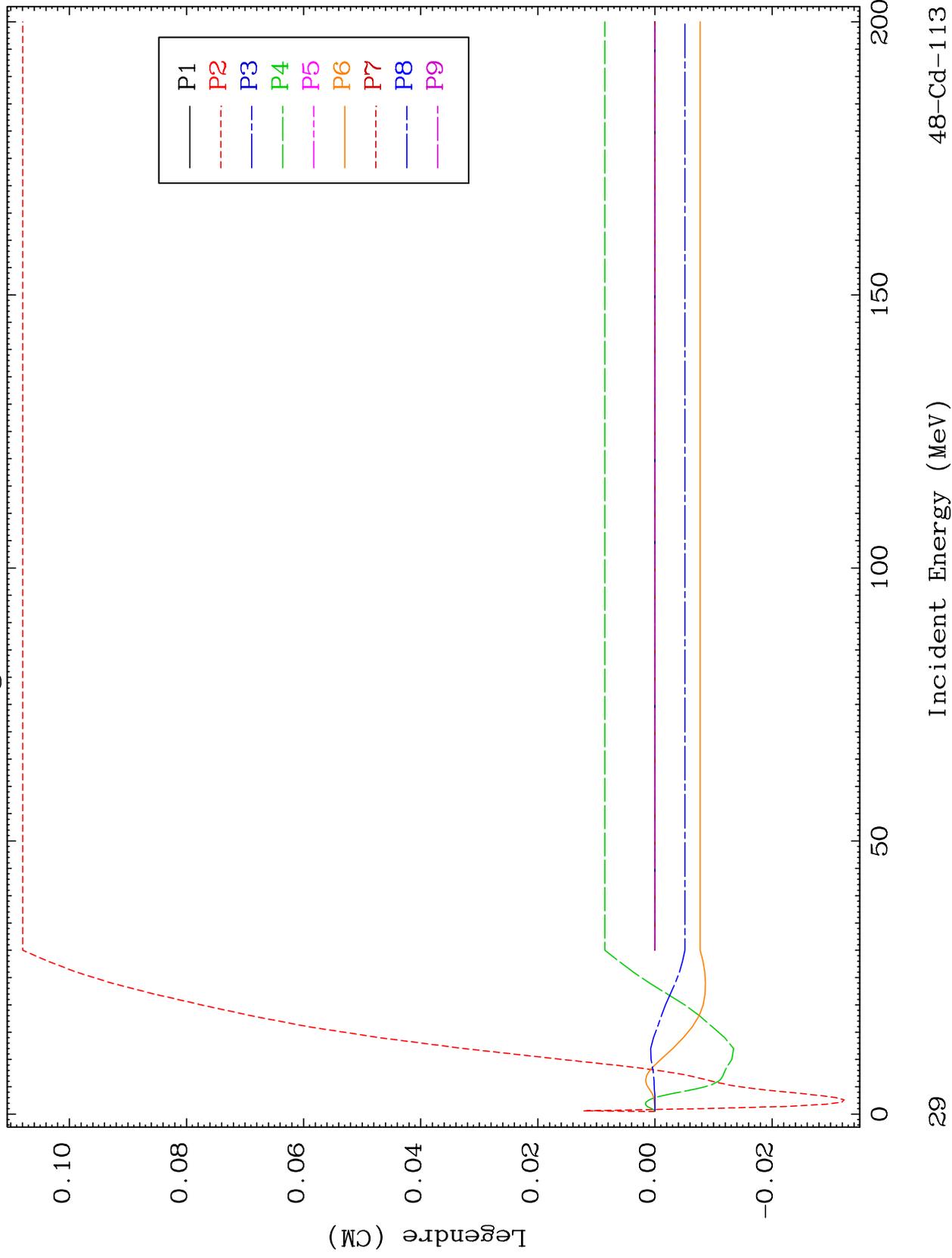
48-Cd-113



MAT 4846

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

48-Cd-113



29

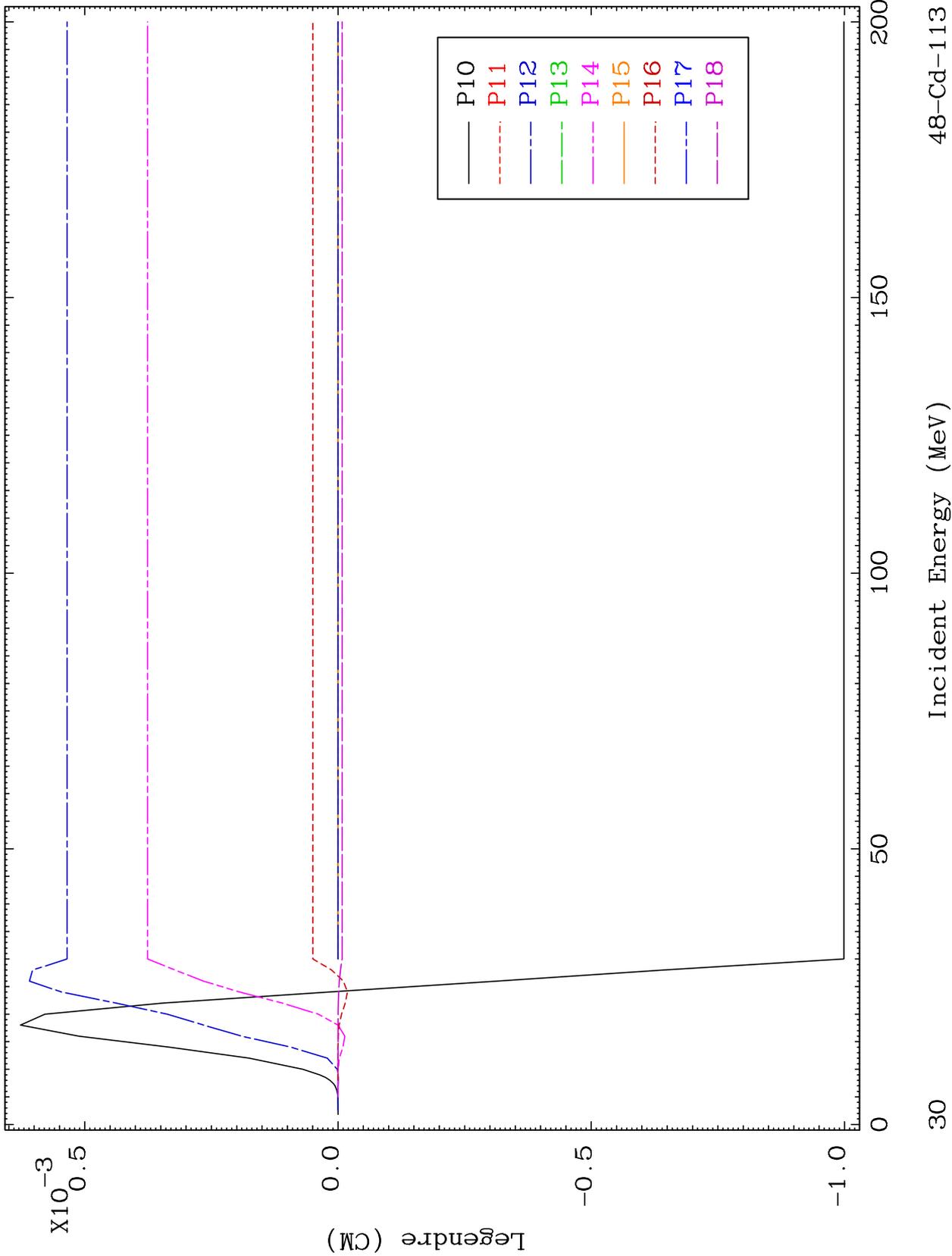
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

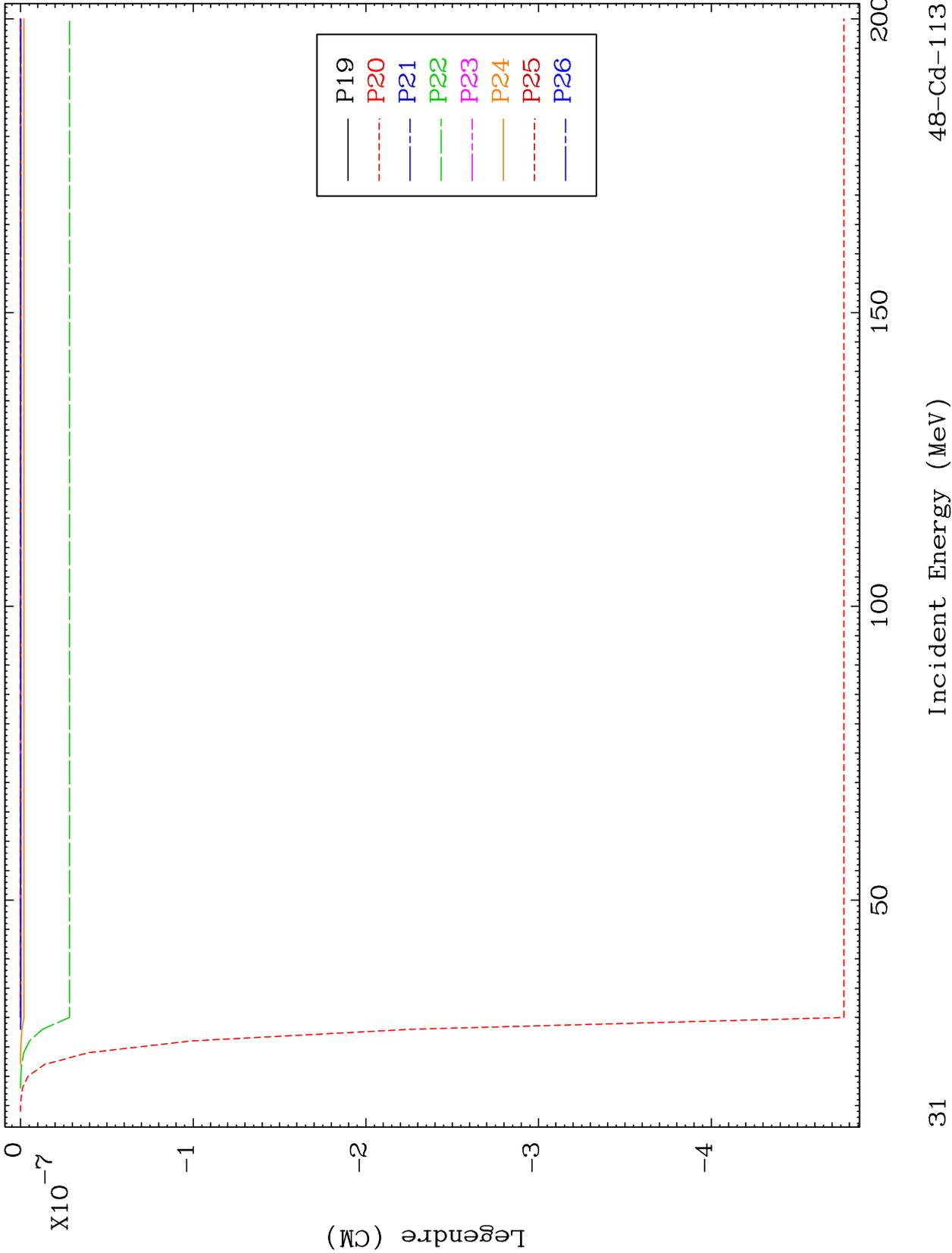
Incident Energy (MeV)

30

MAT 4846

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

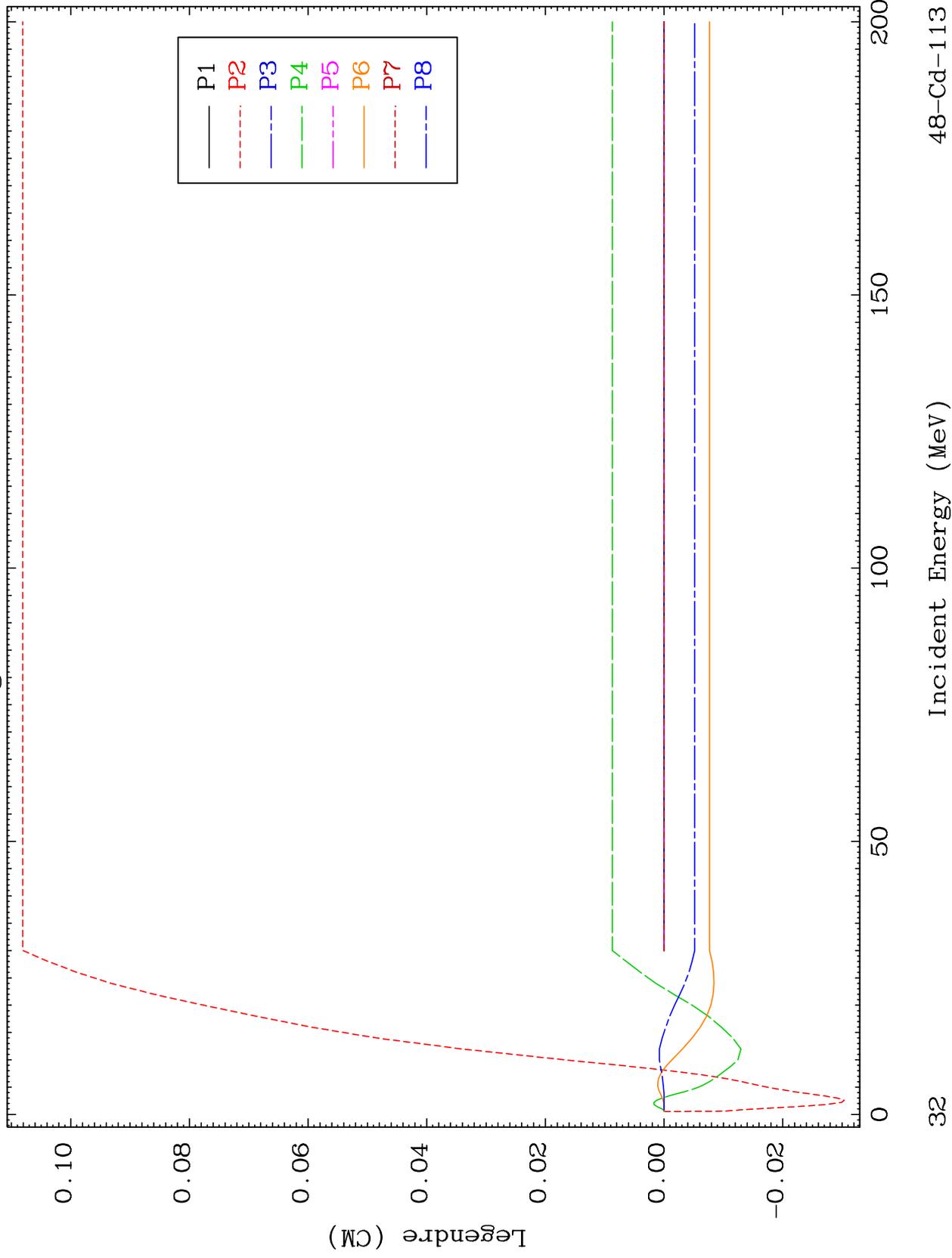
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MAT 4846

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

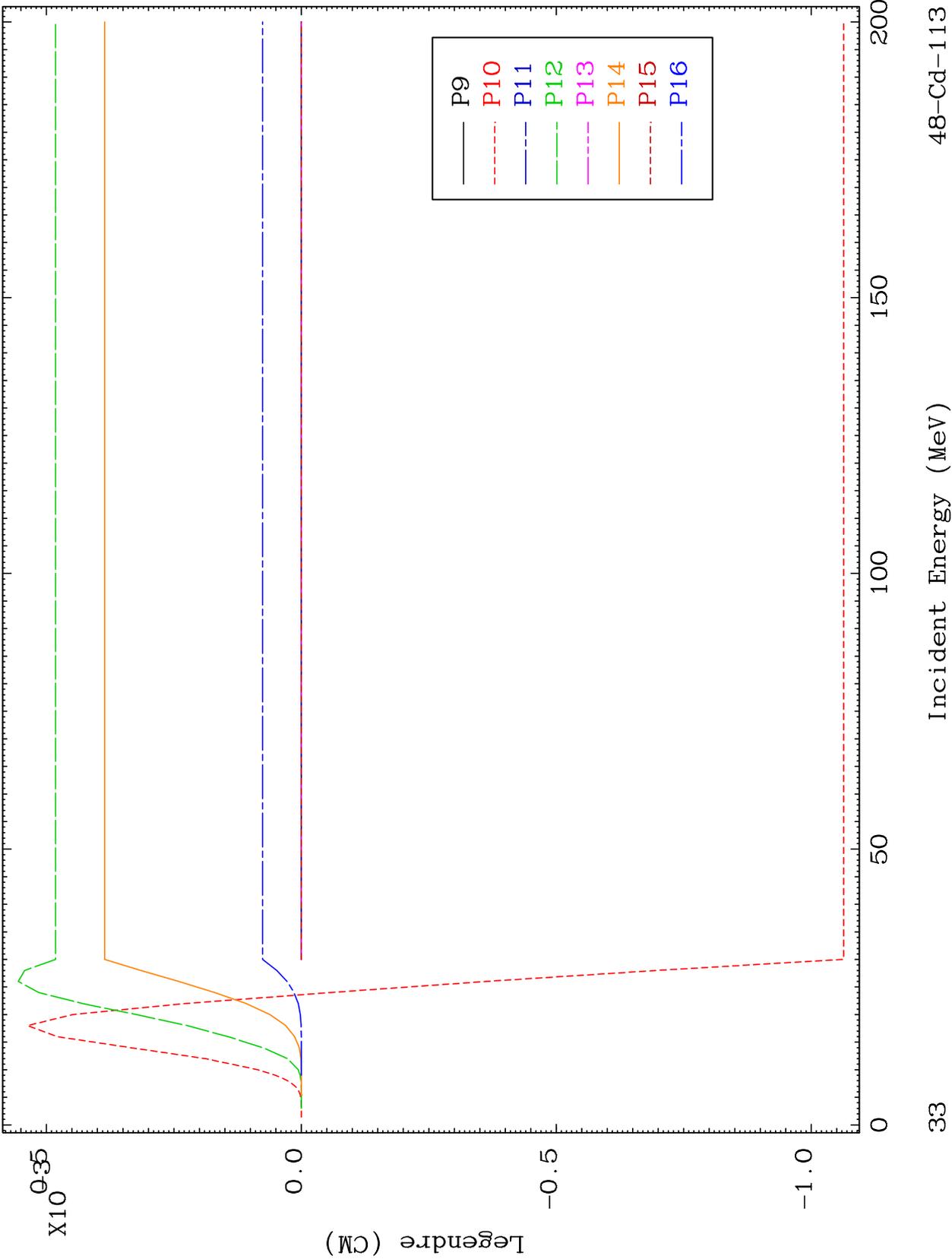
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MAT 4846

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

48-Cd-113



33

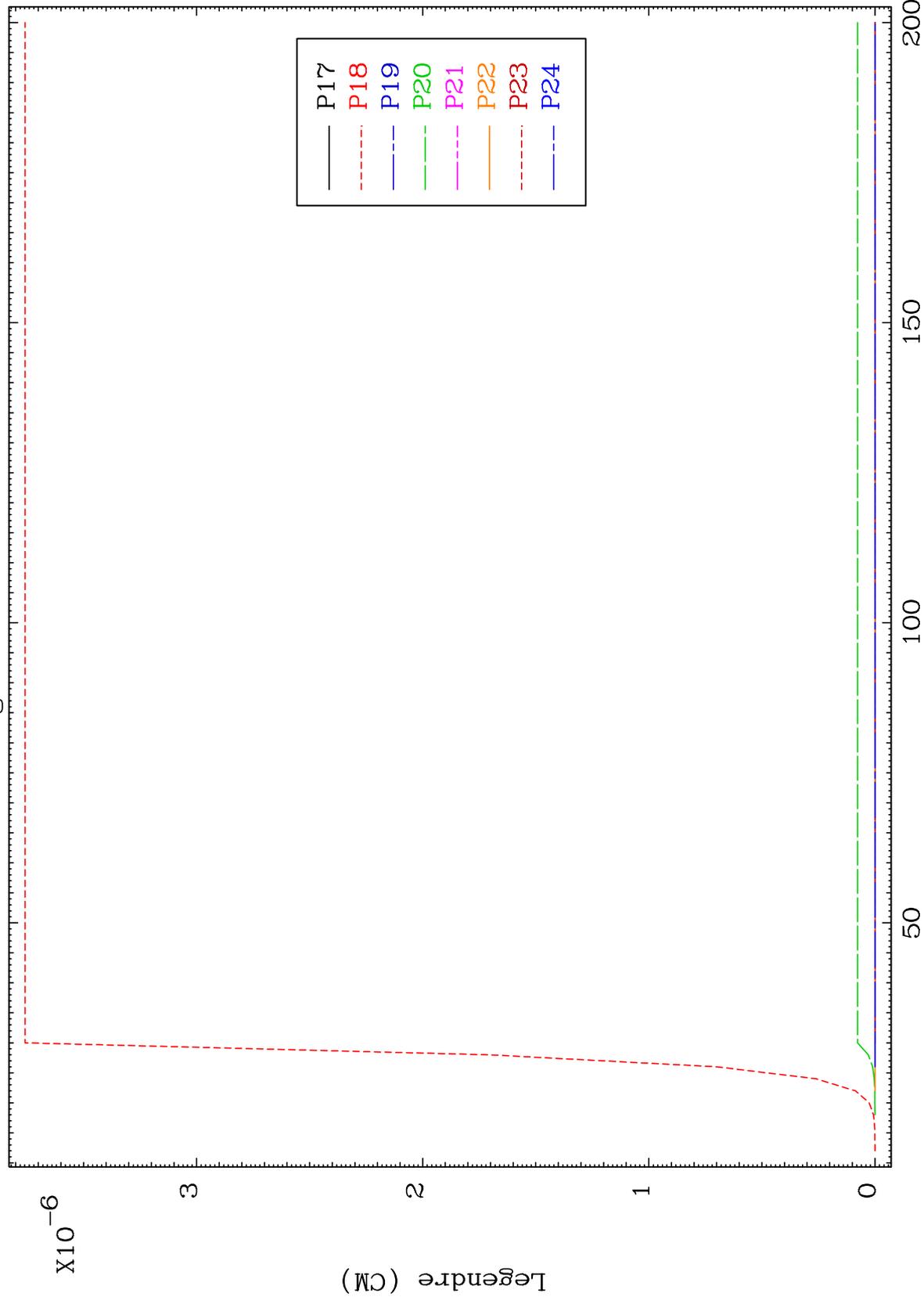
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

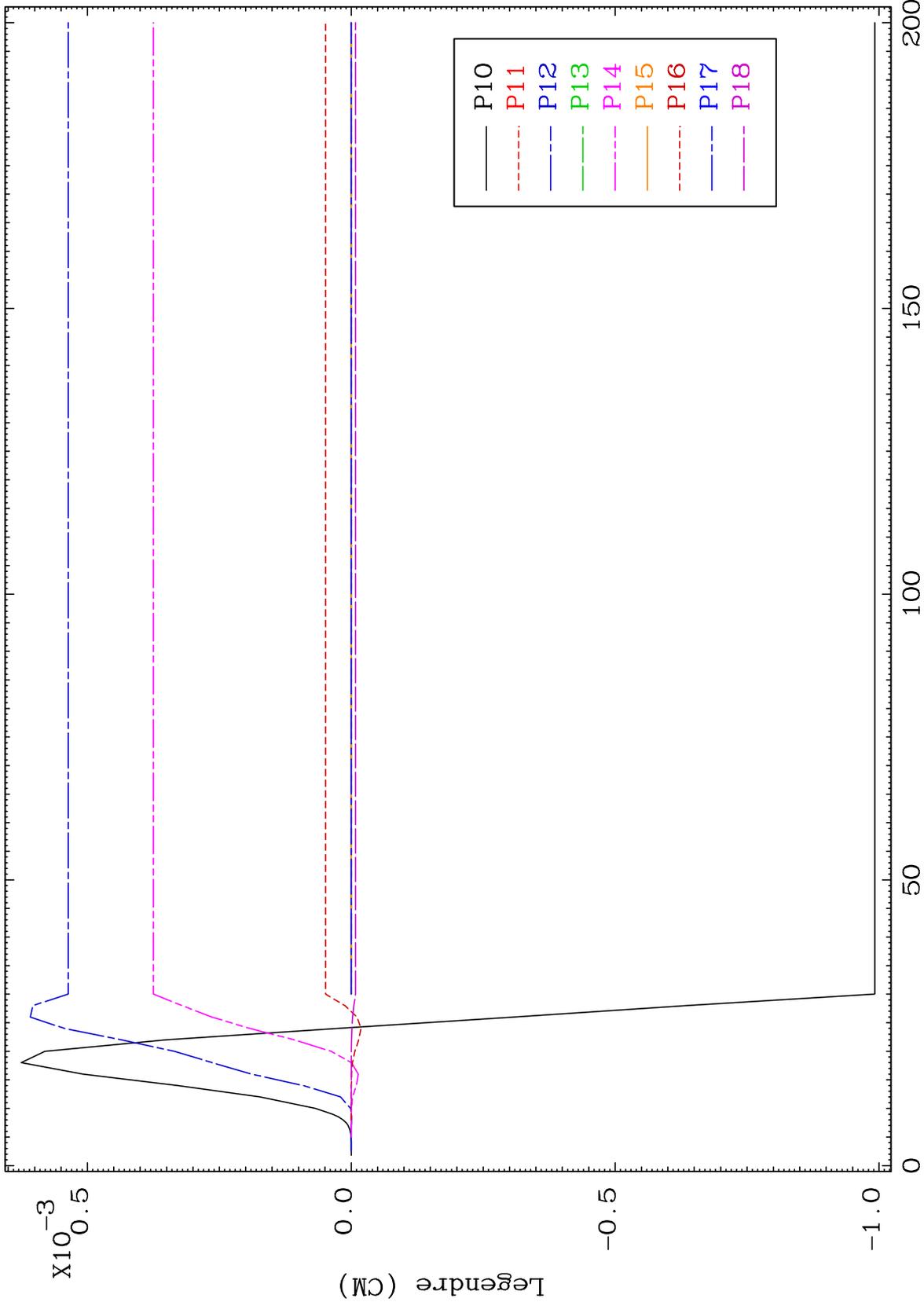
Incident Energy (MeV)

34

MAT 4846

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

48-Cd-113



36

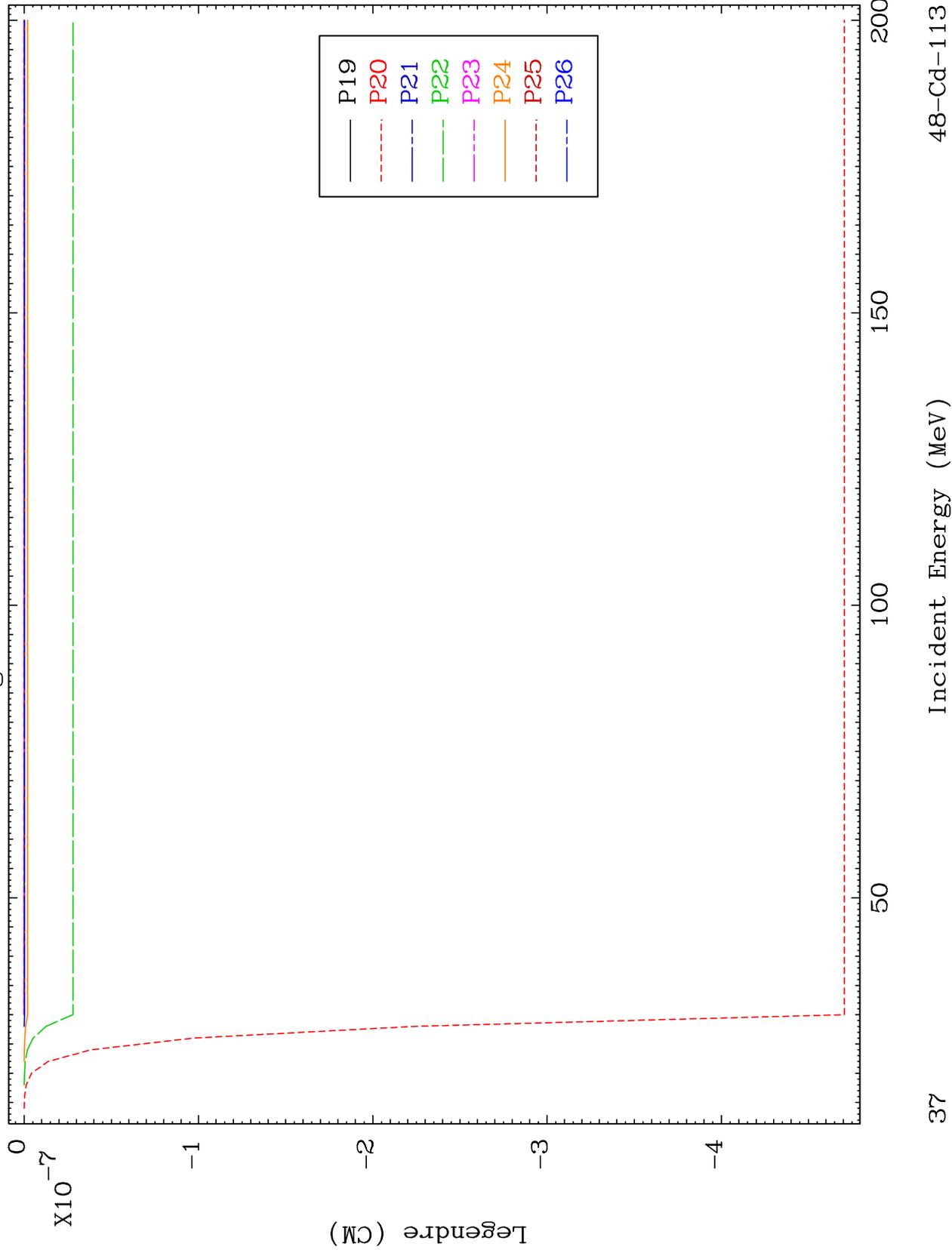
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113

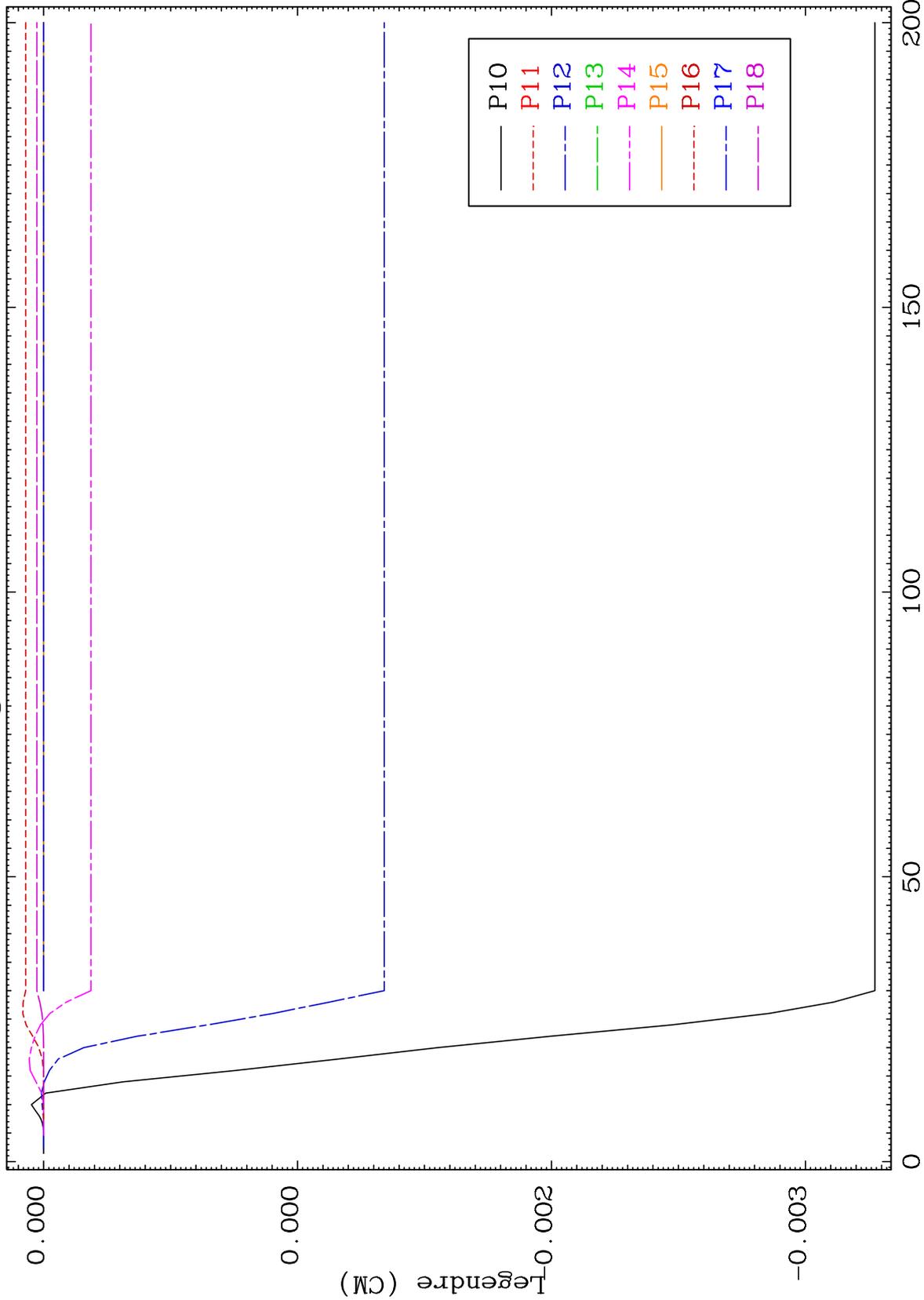


MAT 4846

MT= 57 (n,n') Level

48-Cd-113

Legendre Coefficients



39

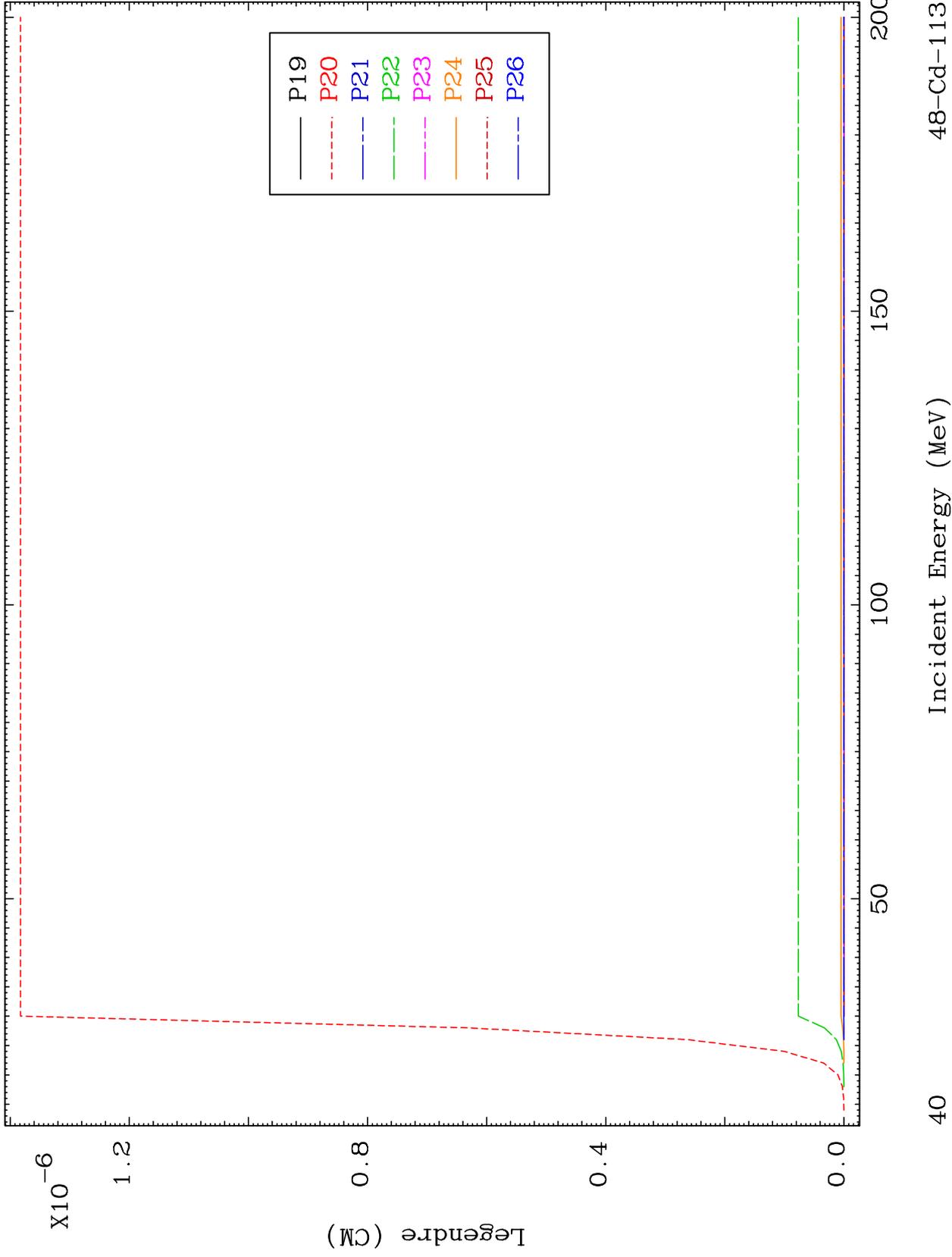
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

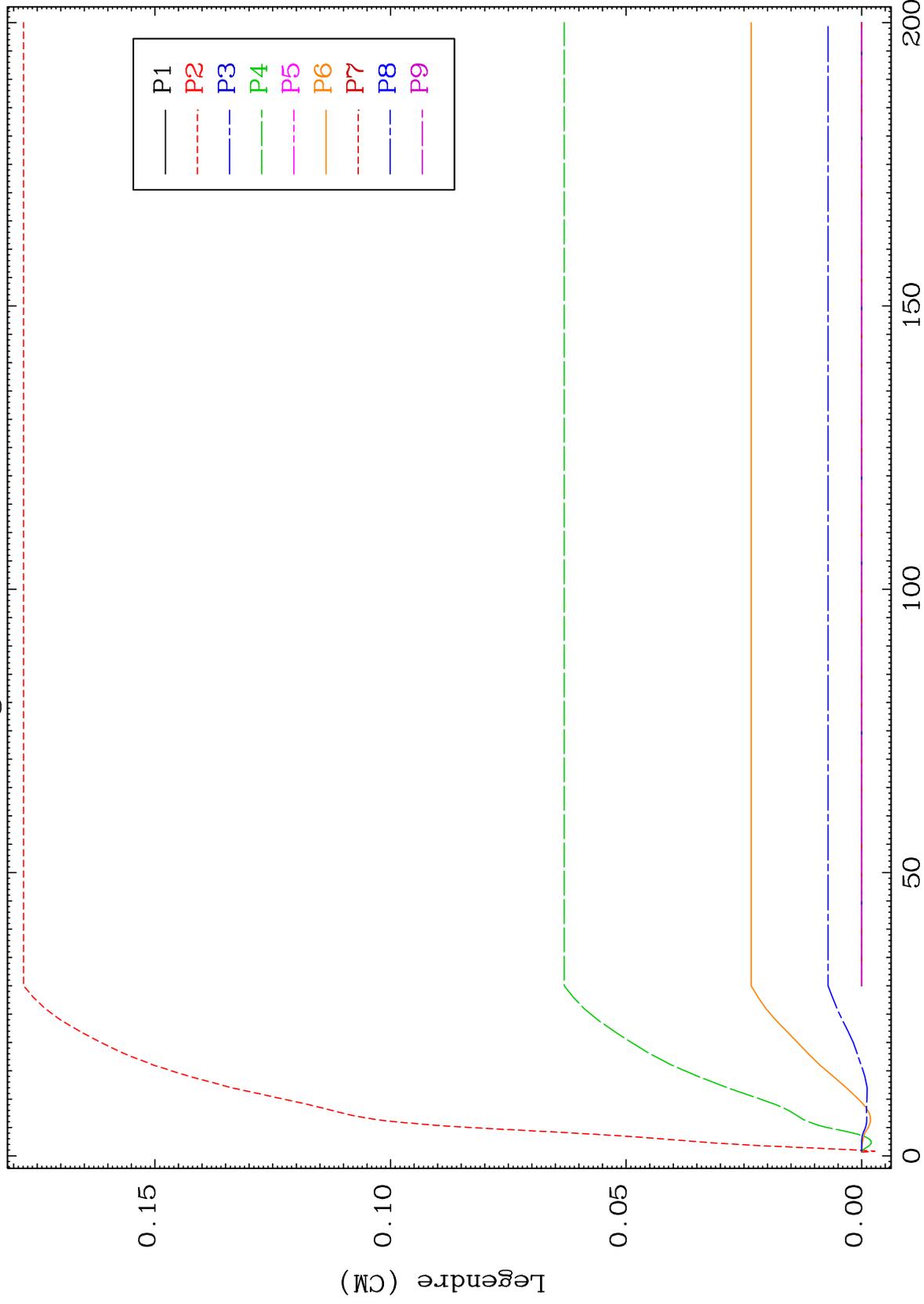
48-Cd-113



MAT 4846

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

48-Cd-113



41

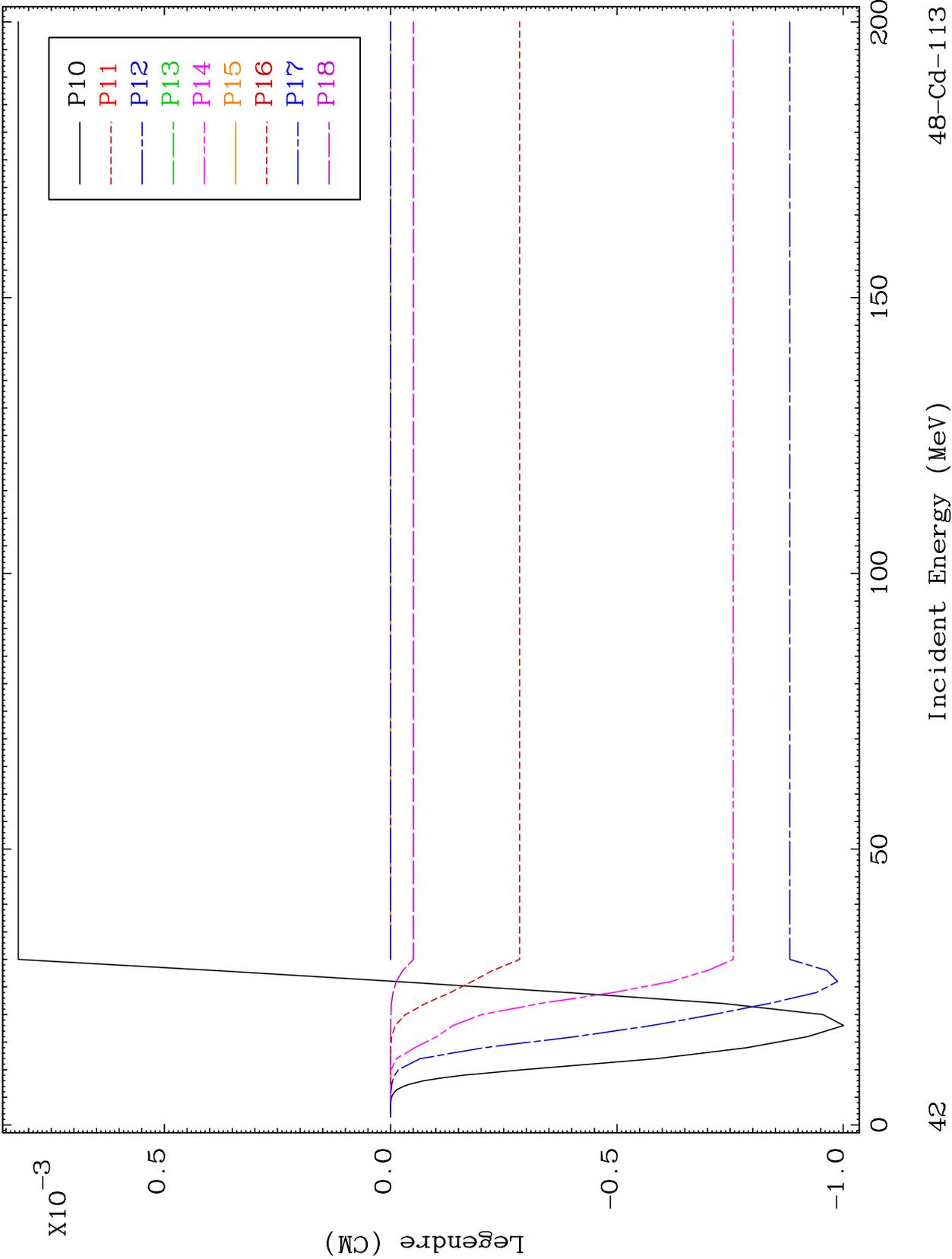
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



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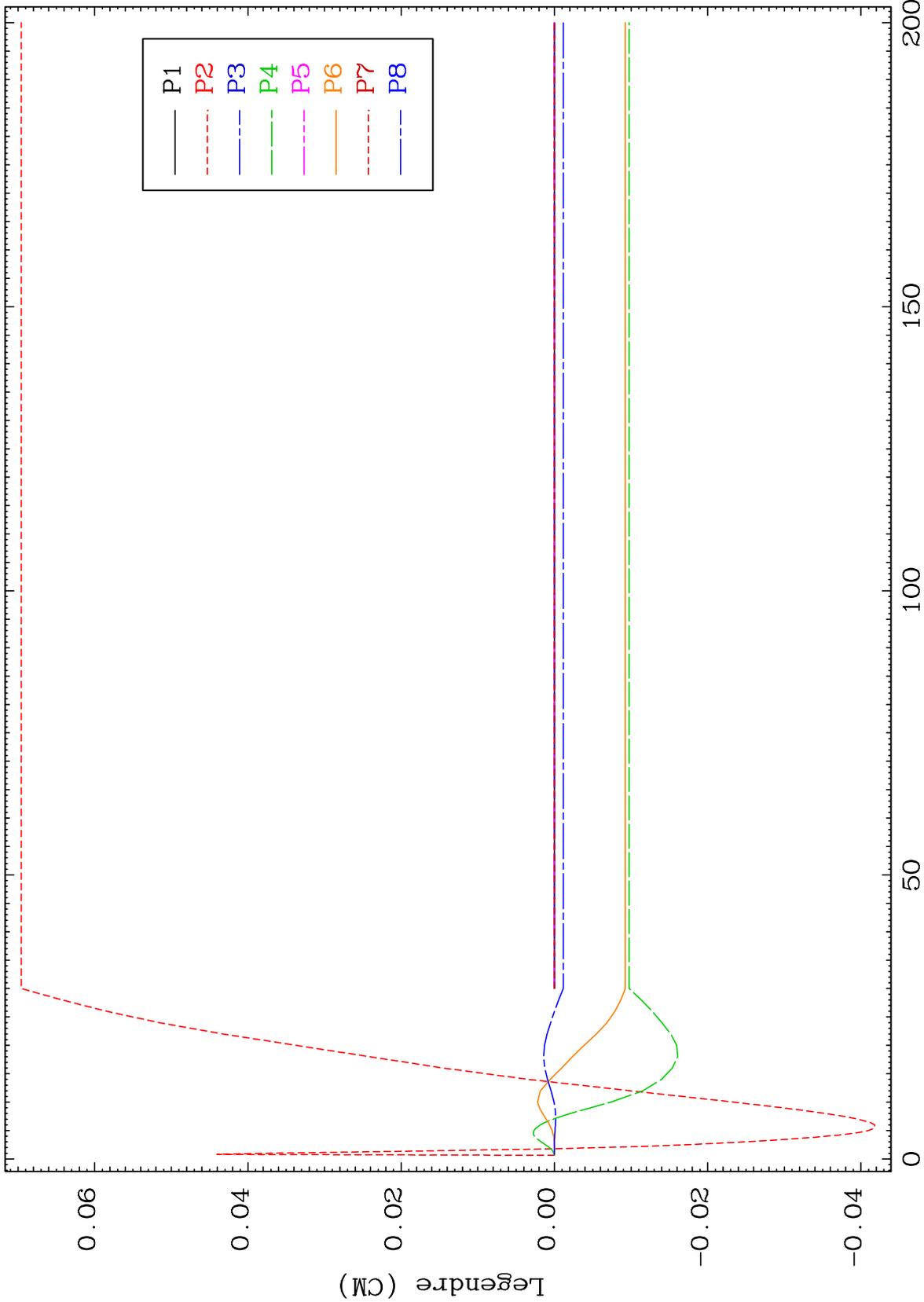
48-Cd-113

48-Cd-113

MAT 4846

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

48-Cd-113



44

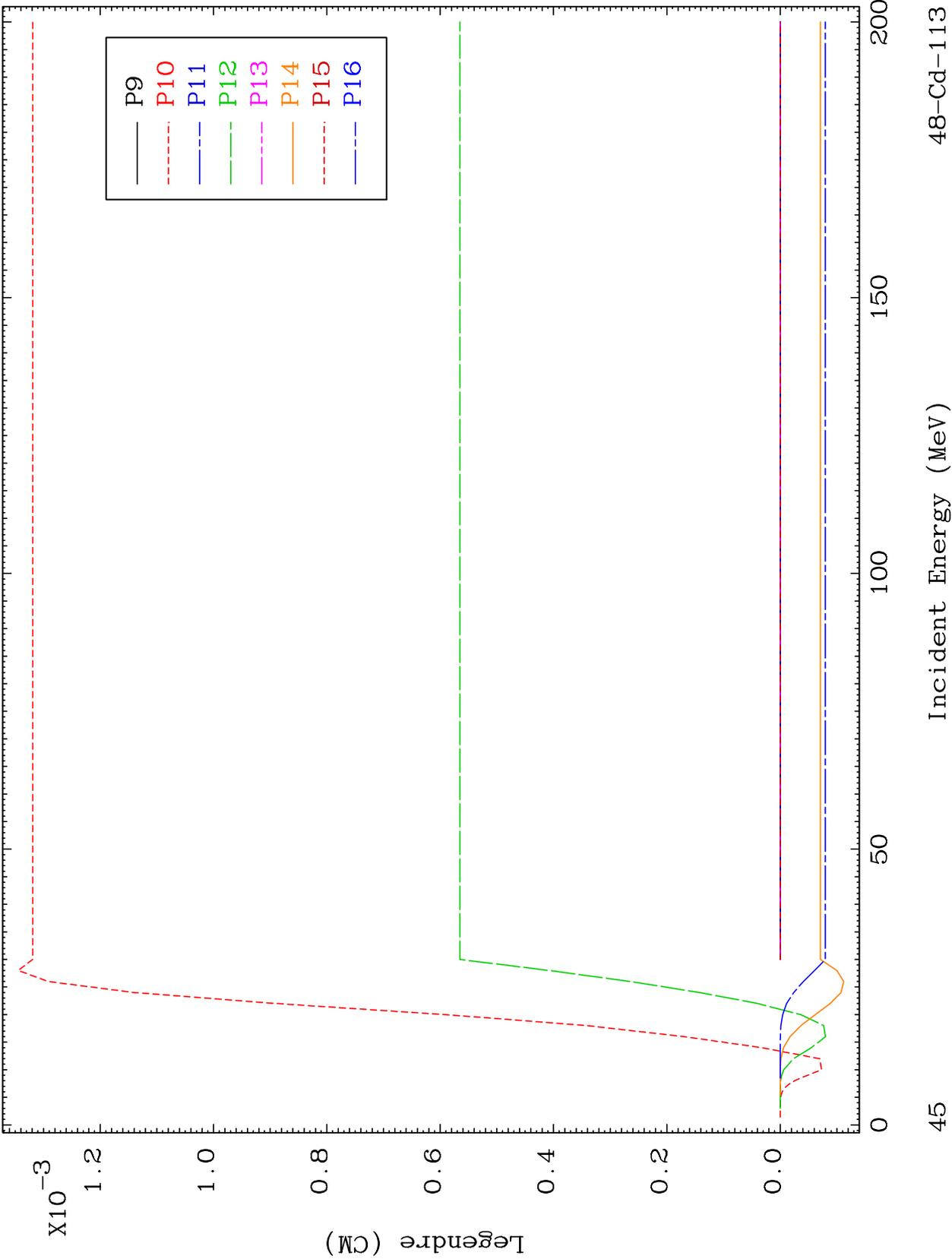
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

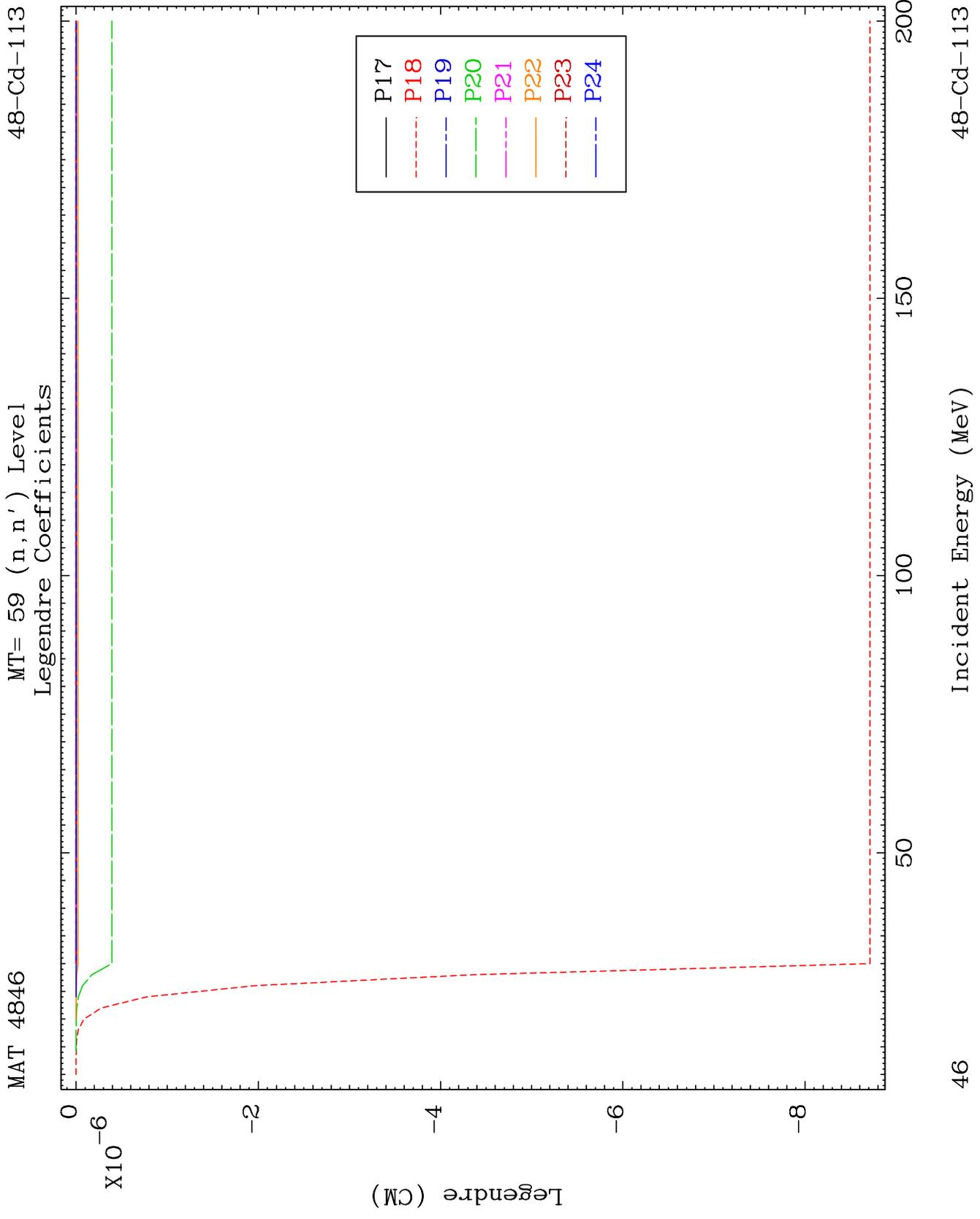
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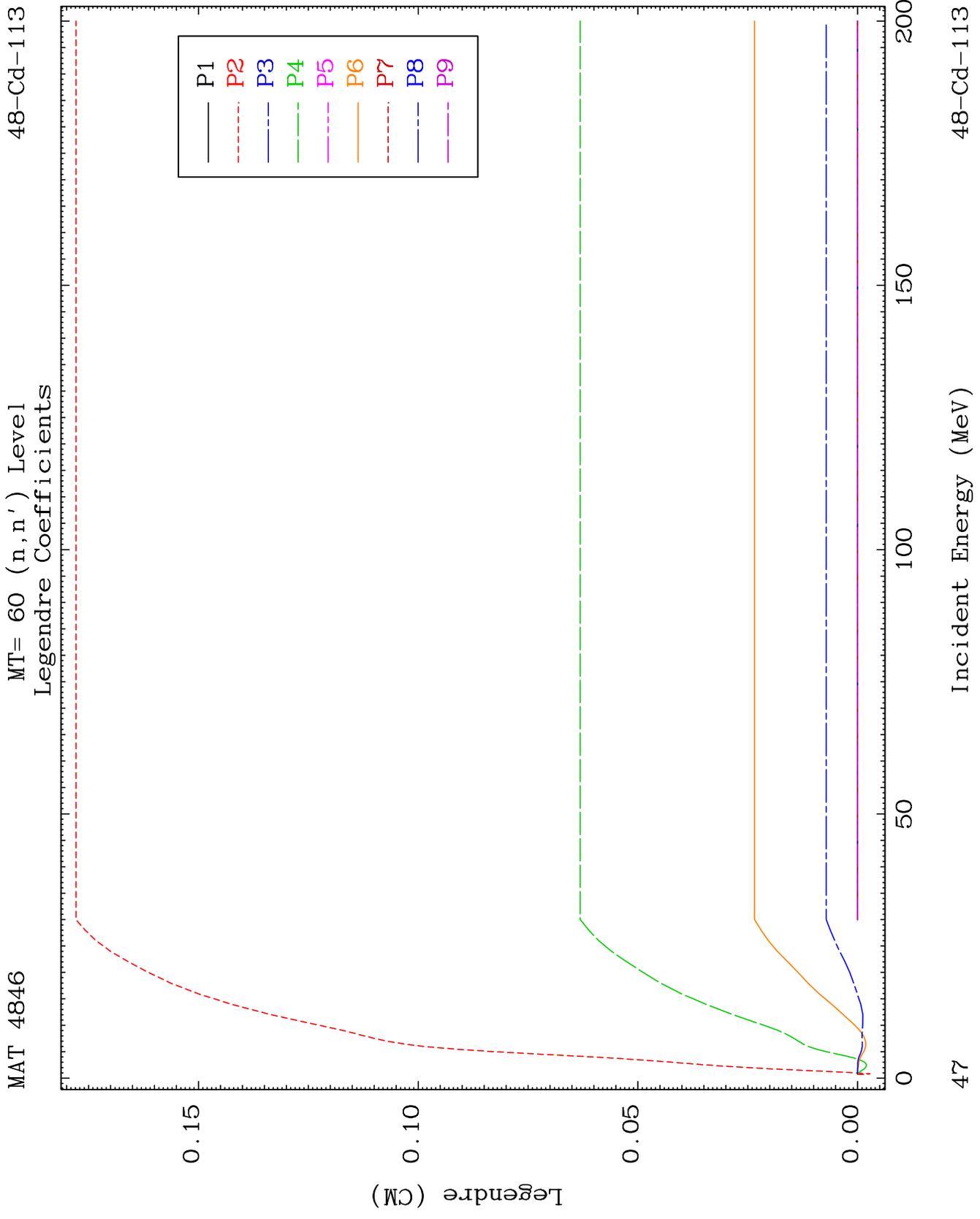


48-Cd-113

Incident Energy (MeV)

45

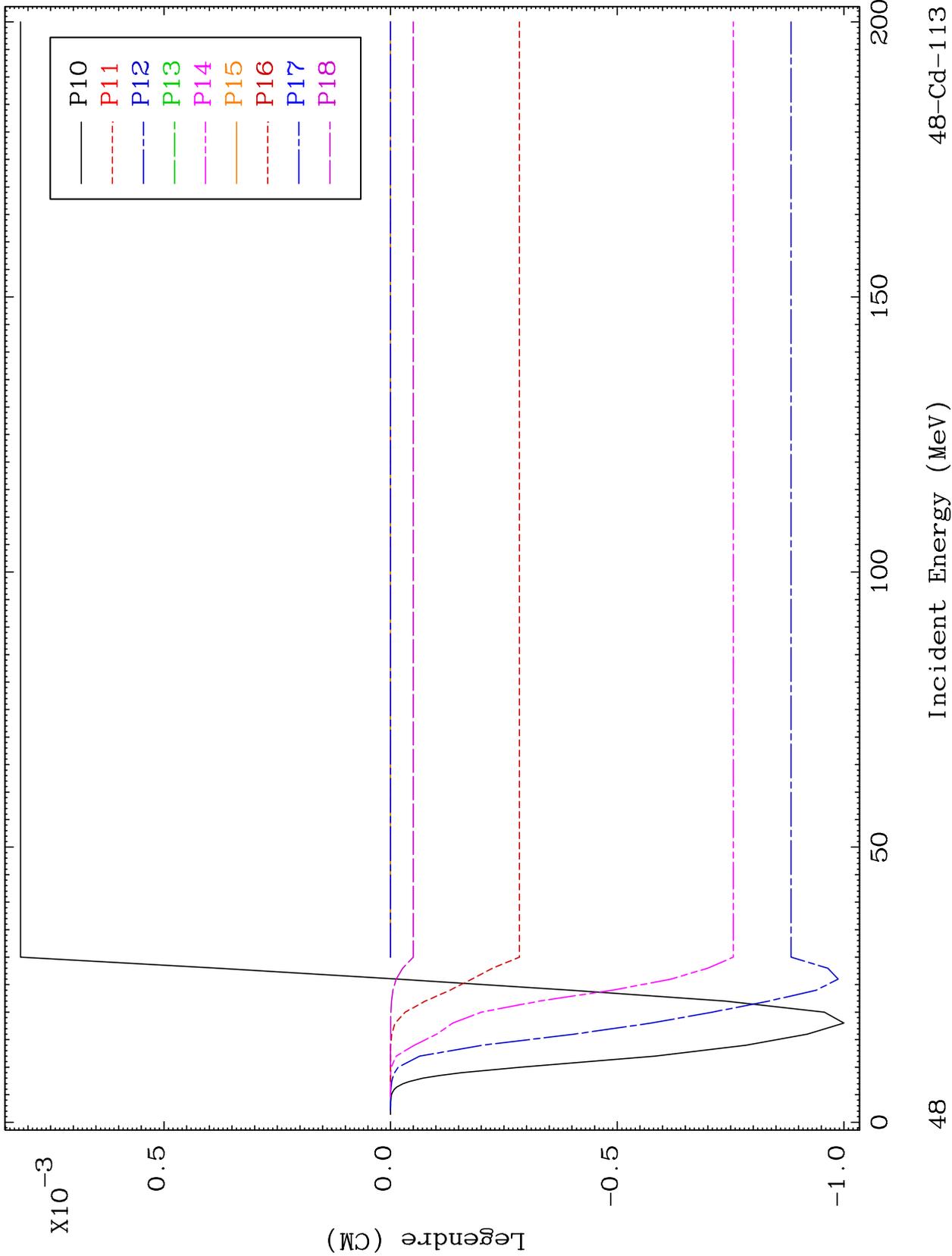




MAT 4846

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

48-Cd-113



48-Cd-113

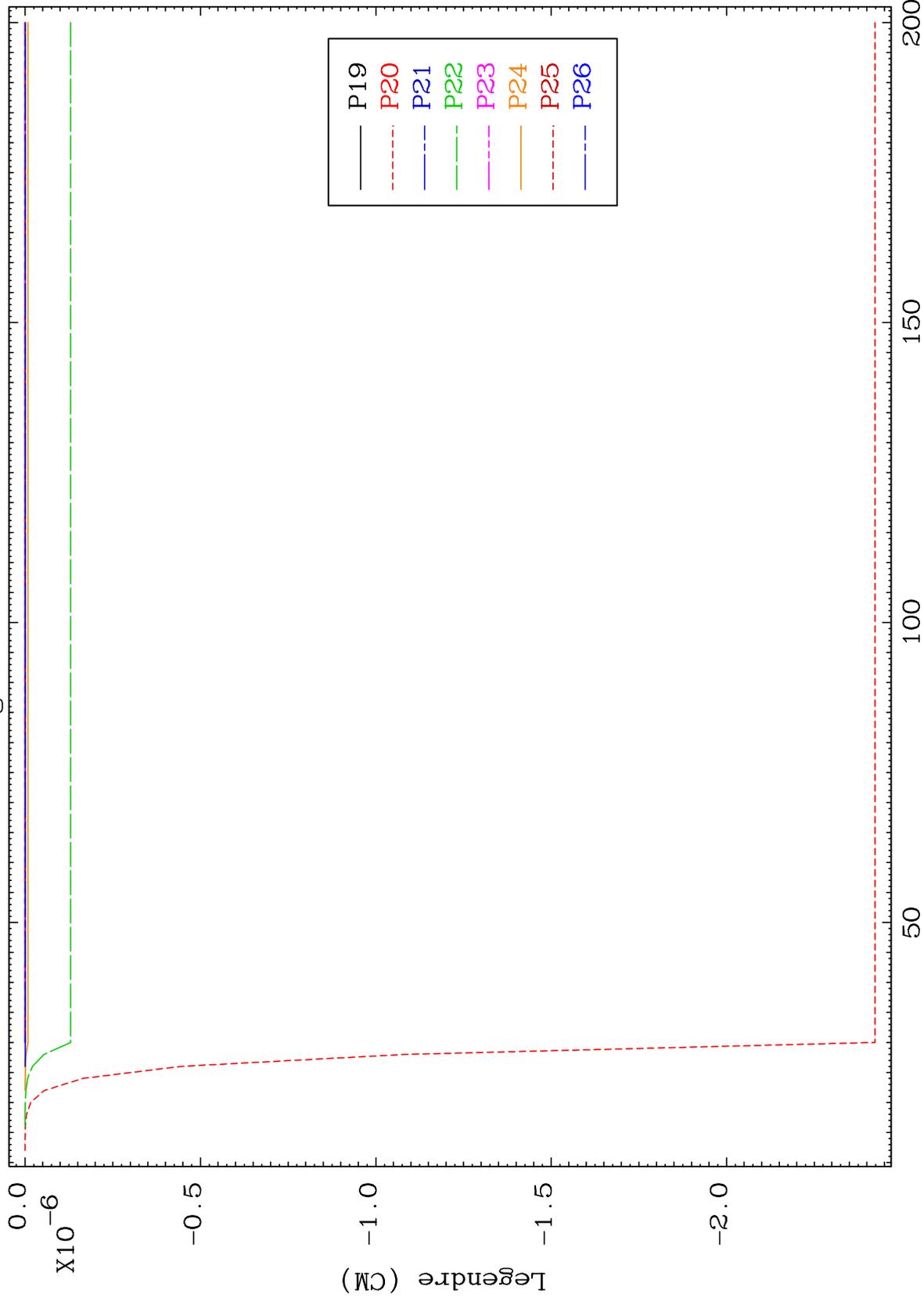
Incident Energy (MeV)

48

MAT 4846

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

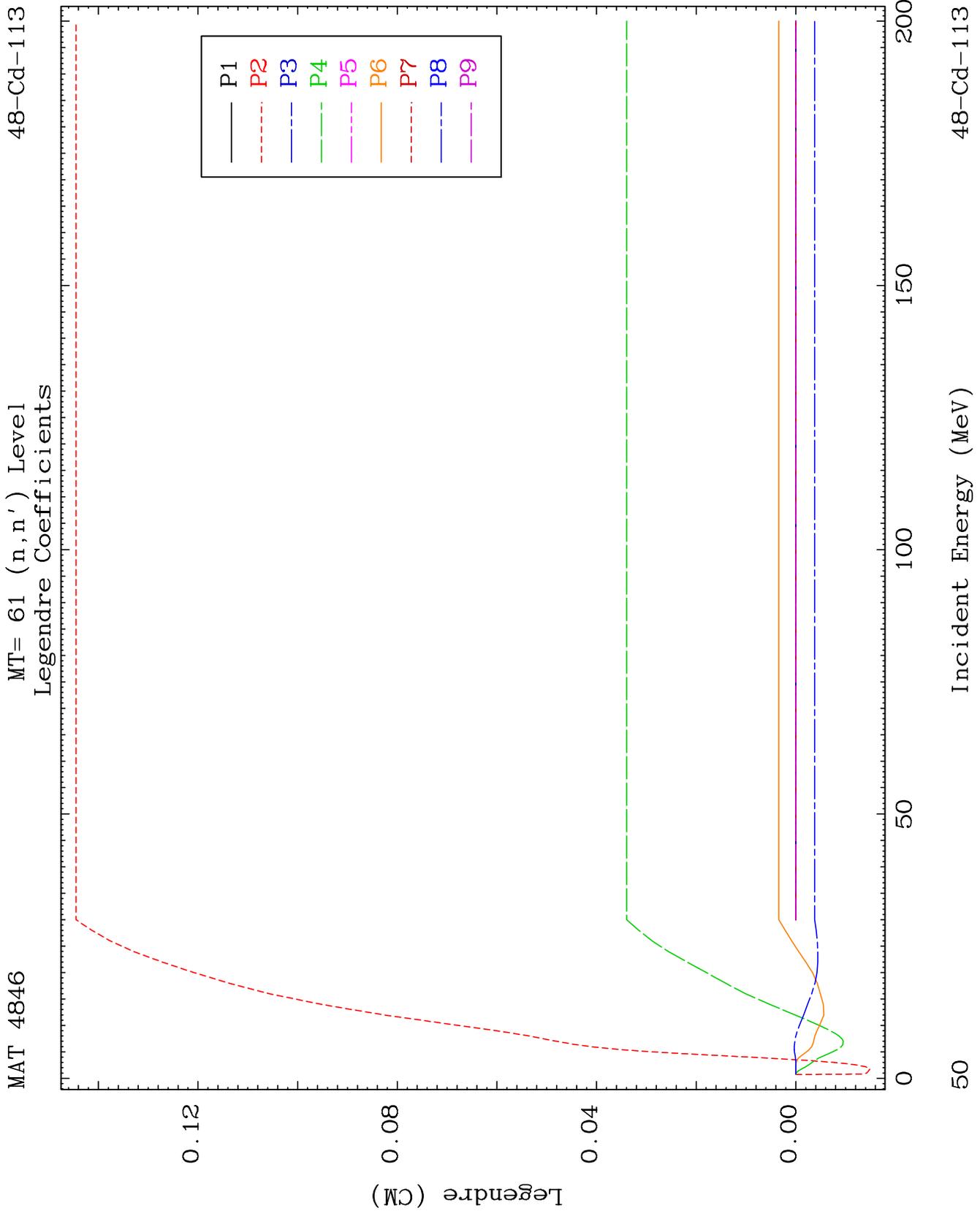
48-Cd-113



49

Incident Energy (MeV)

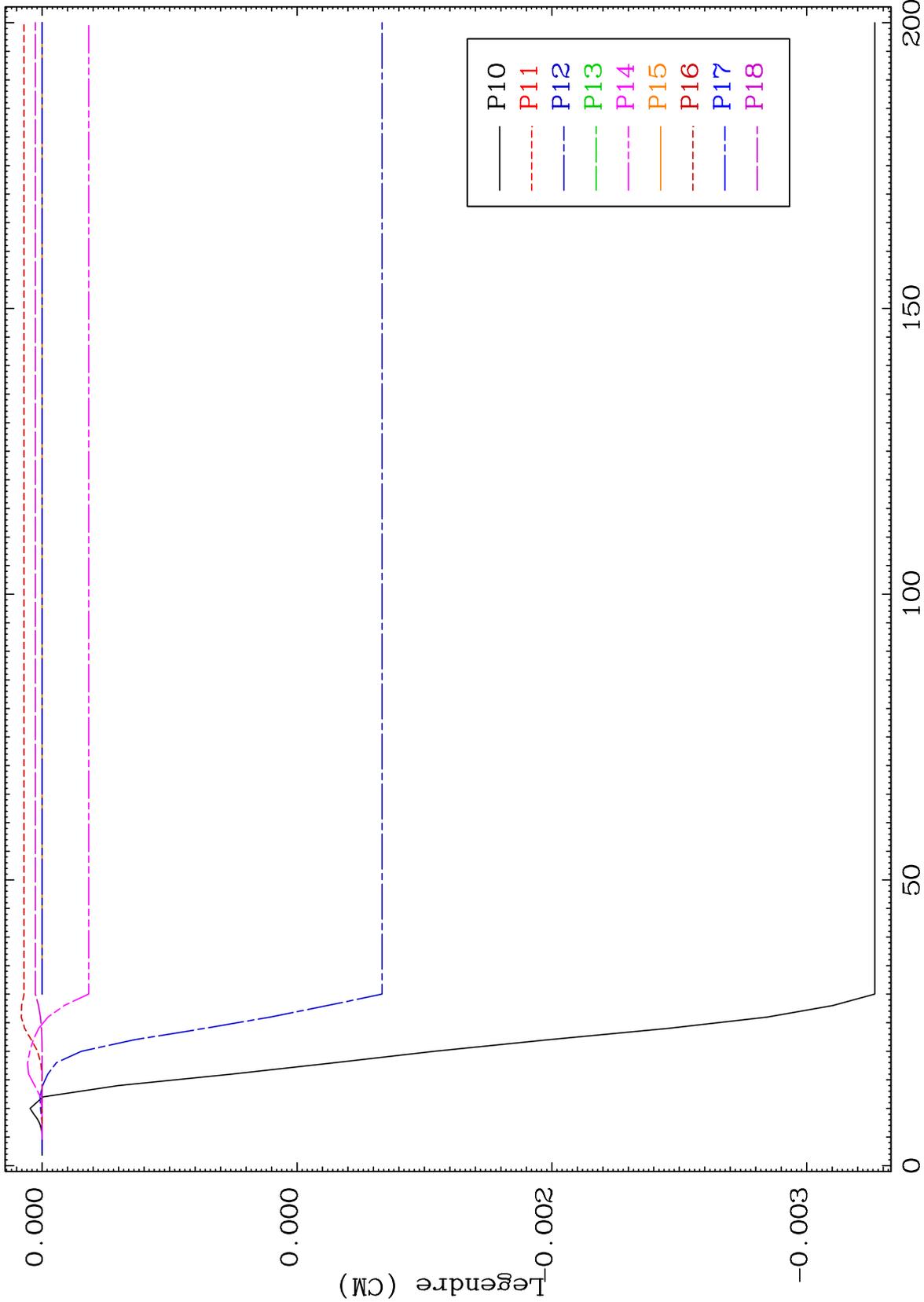
48-Cd-113



MAT 4846

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

48-Cd-113



51

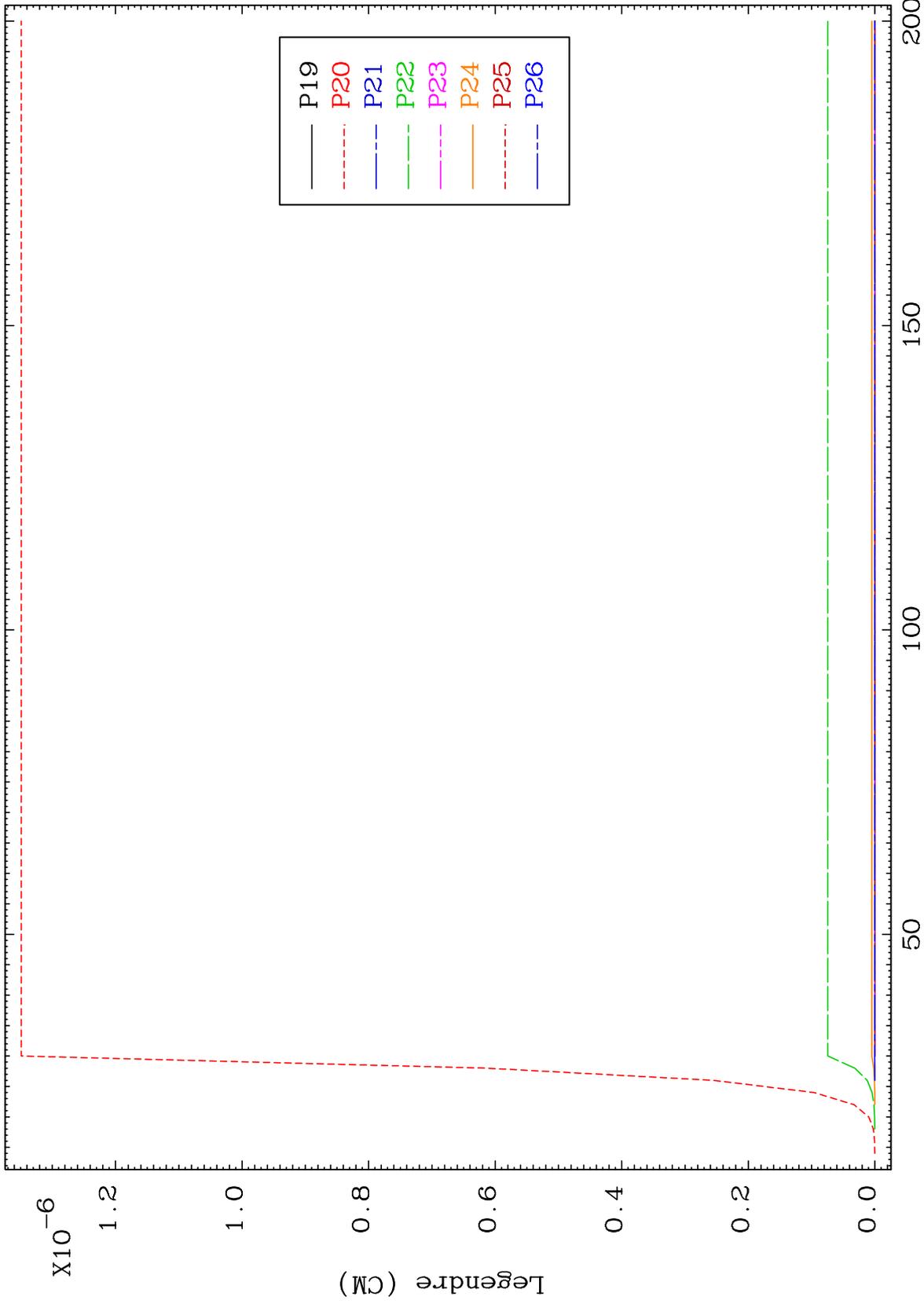
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



52

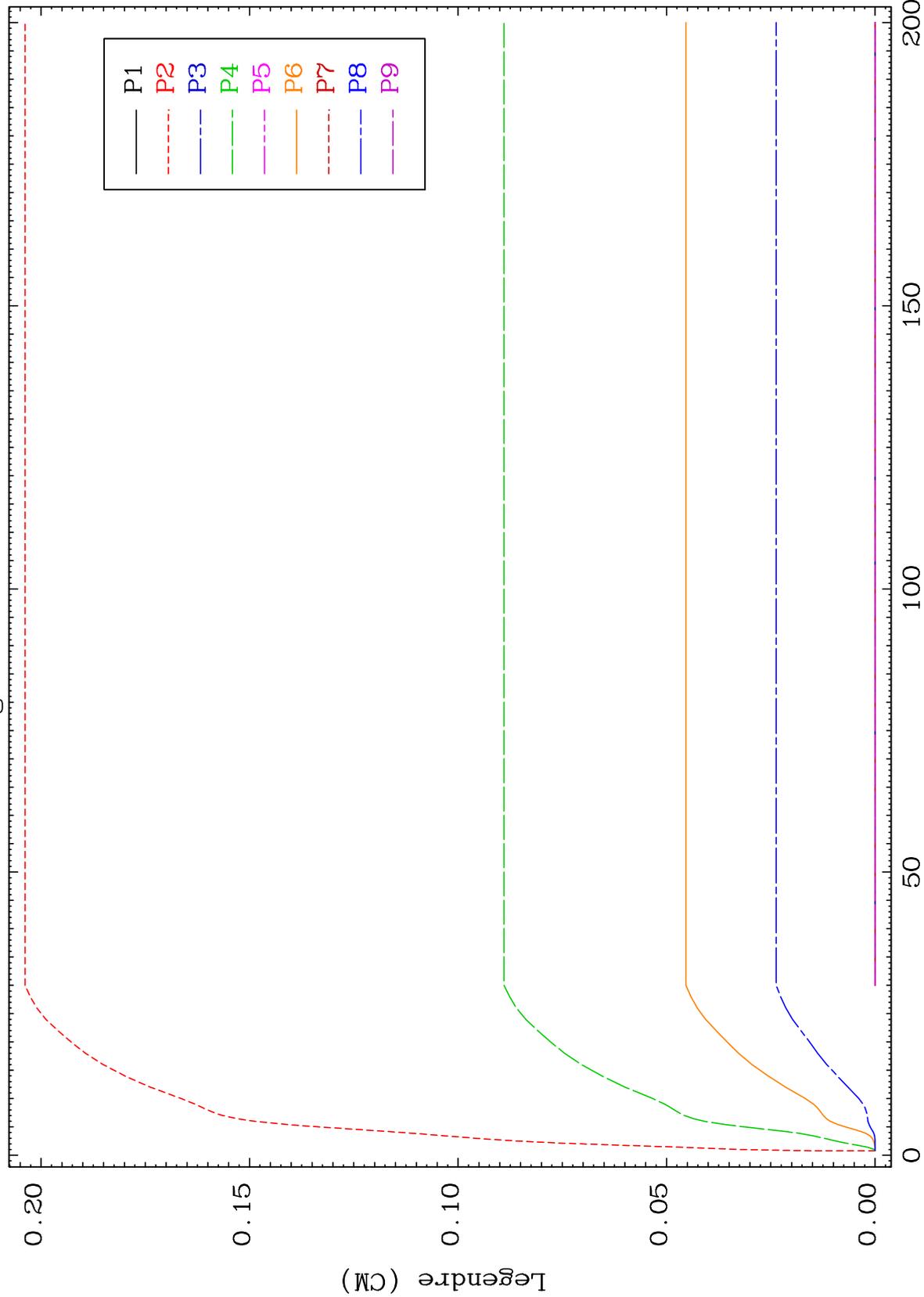
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



53

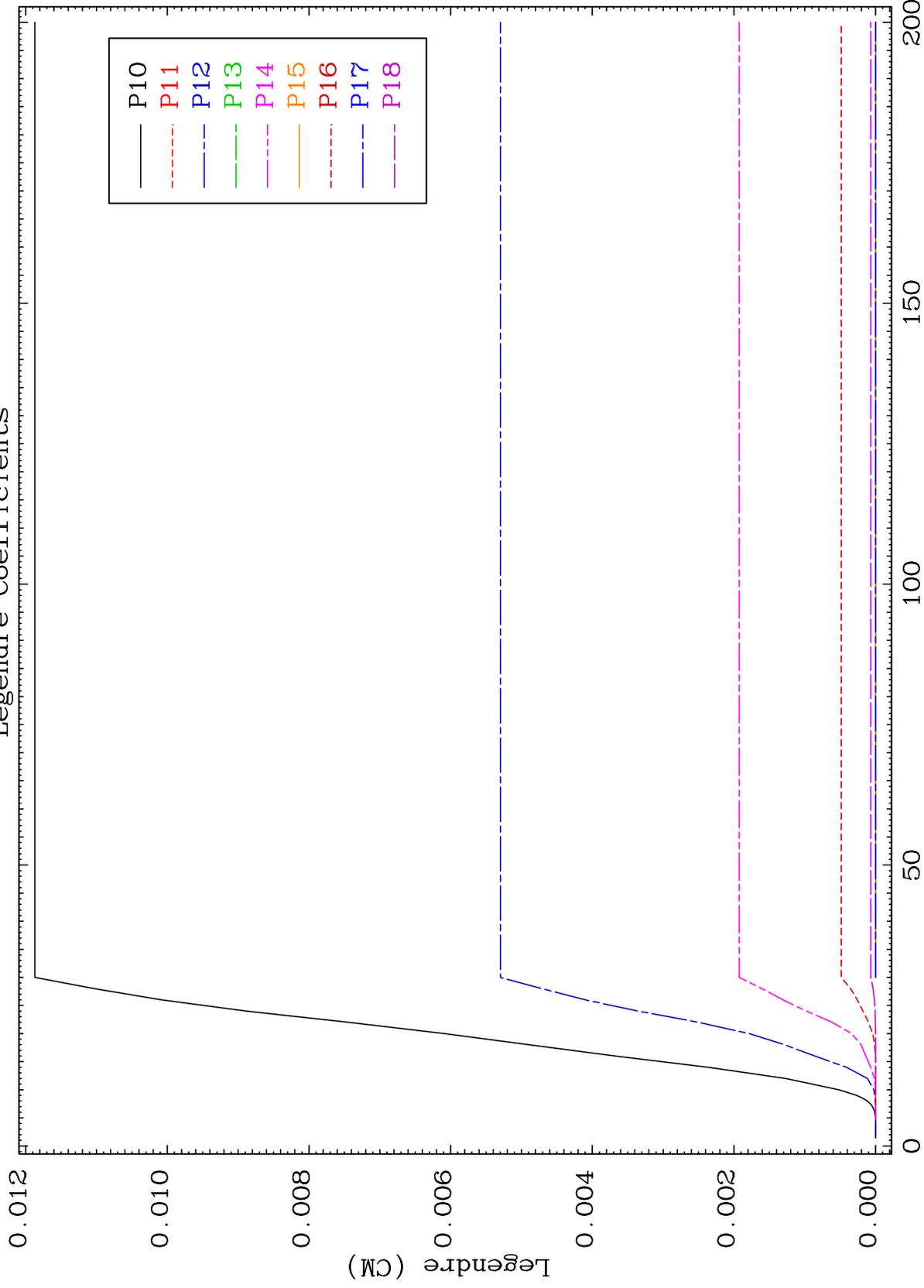
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

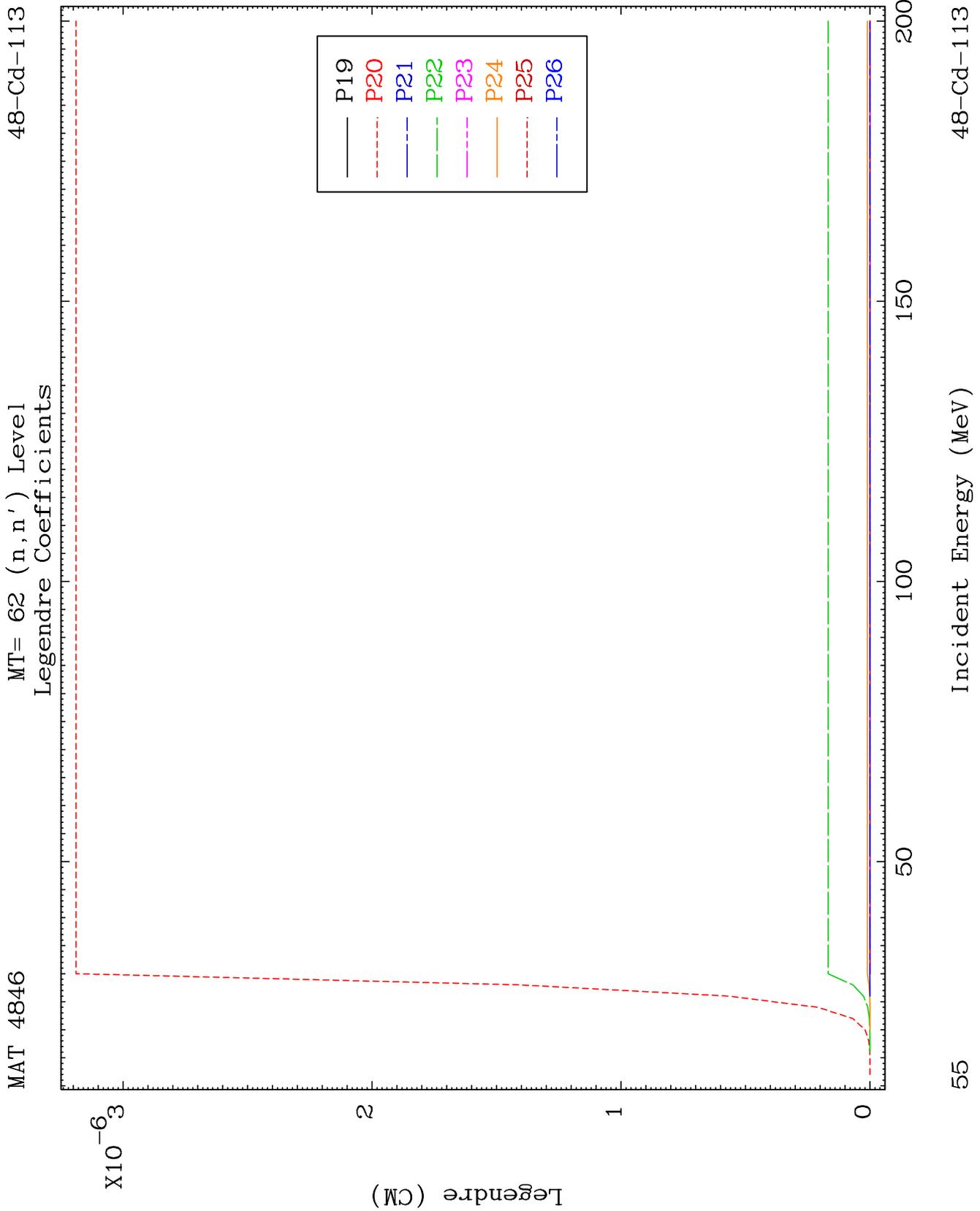
48-Cd-113



54

Incident Energy (MeV)

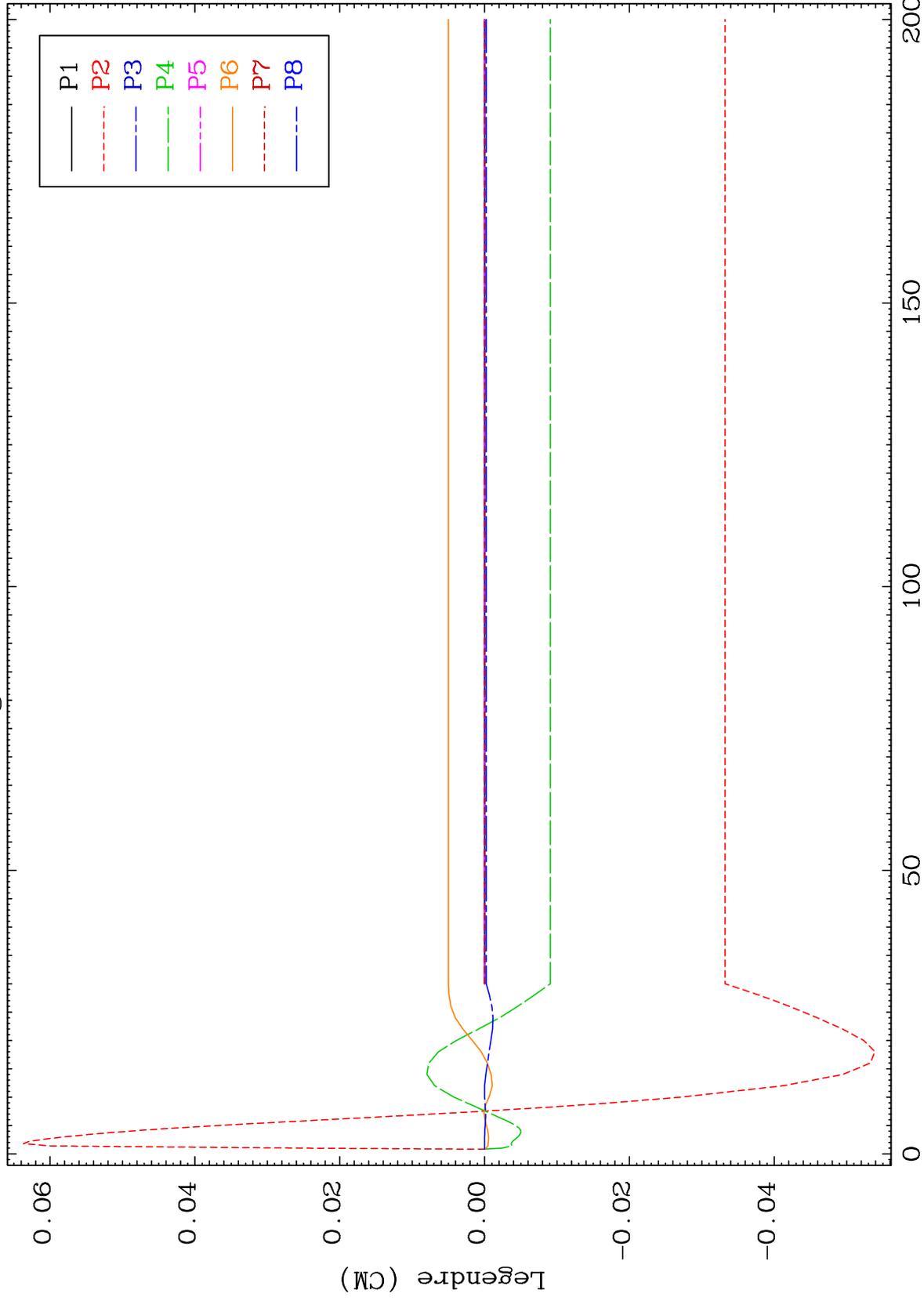
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

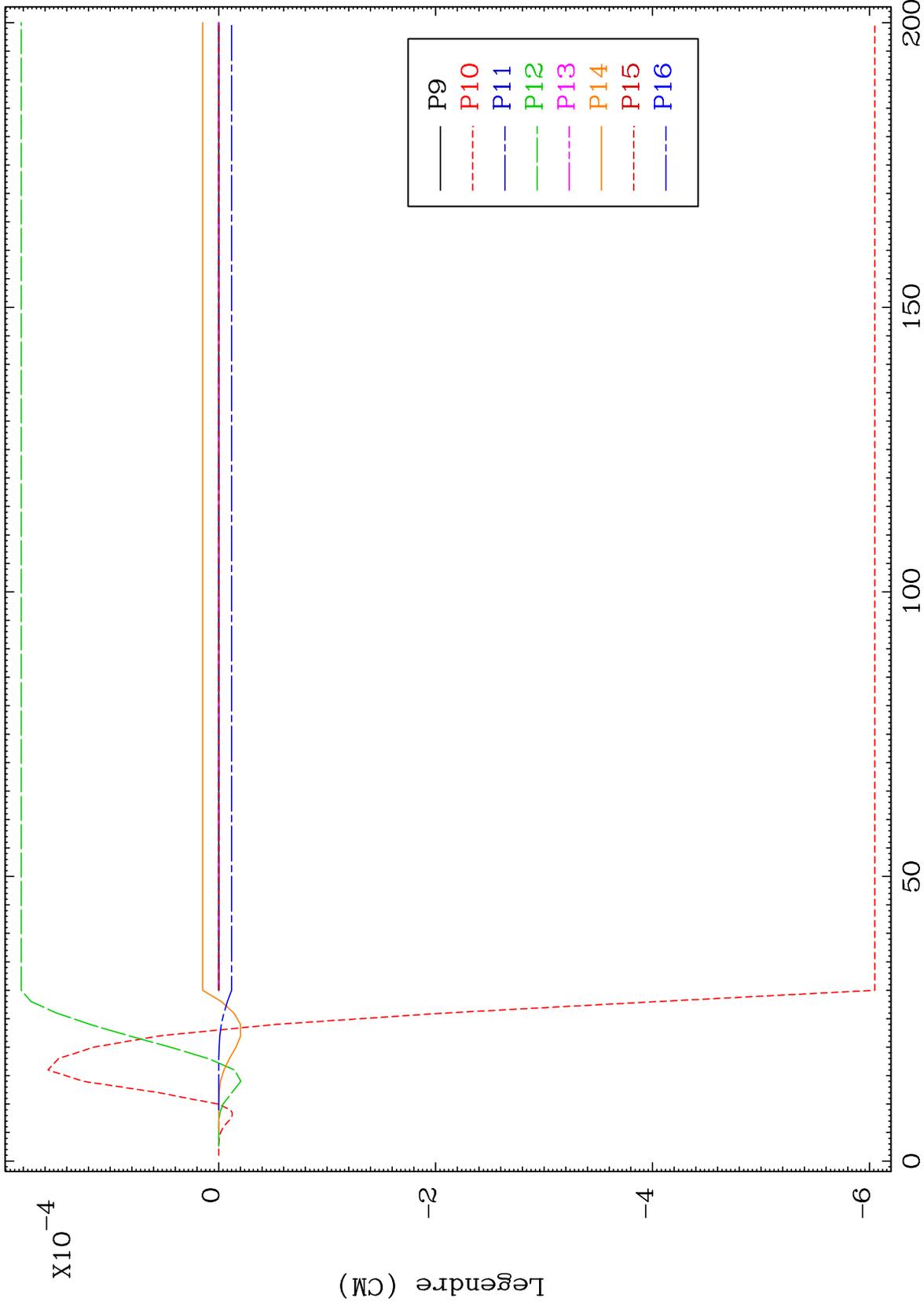
Incident Energy (MeV)

56

MAT 4846

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

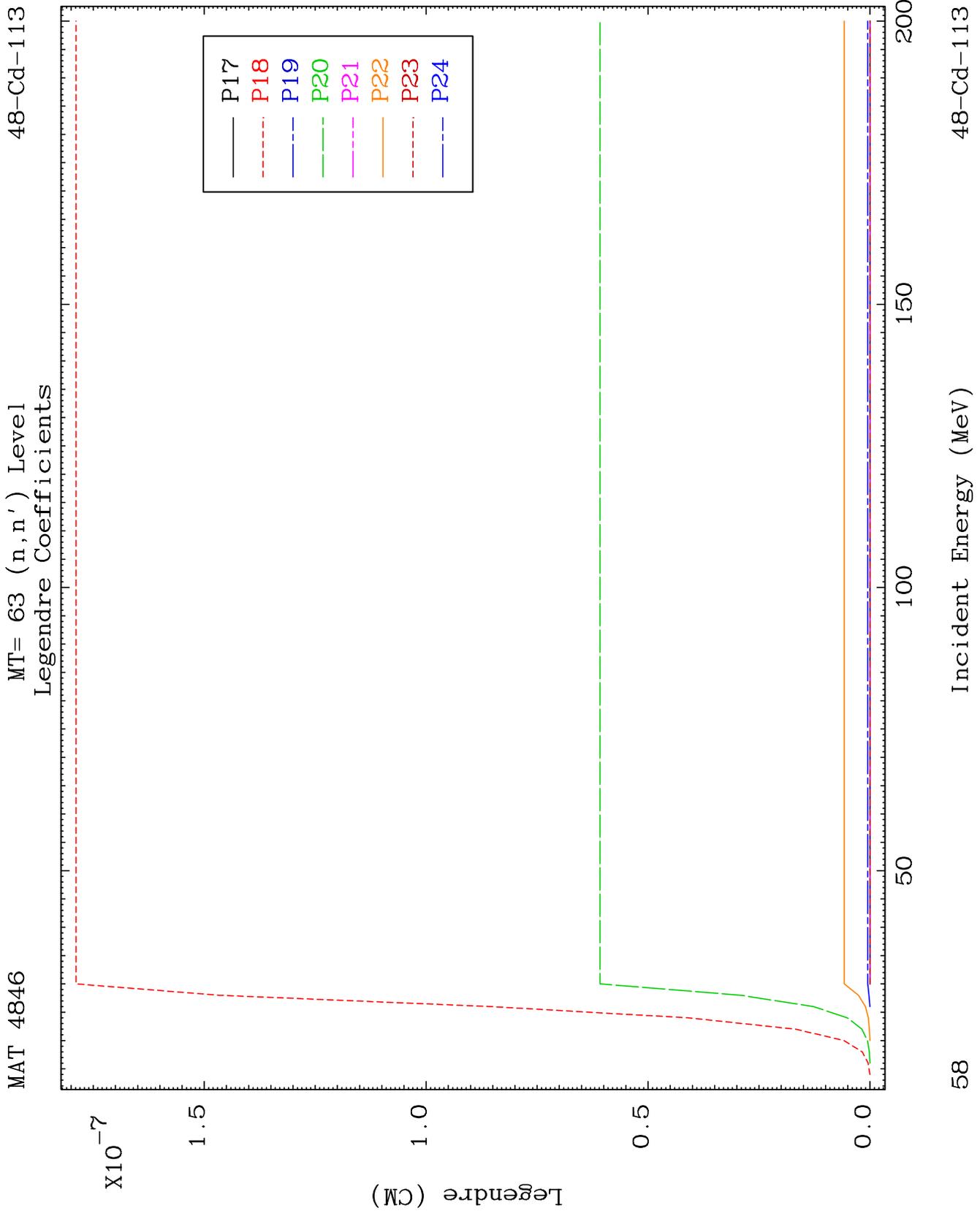
48-Cd-113



57

Incident Energy (MeV)

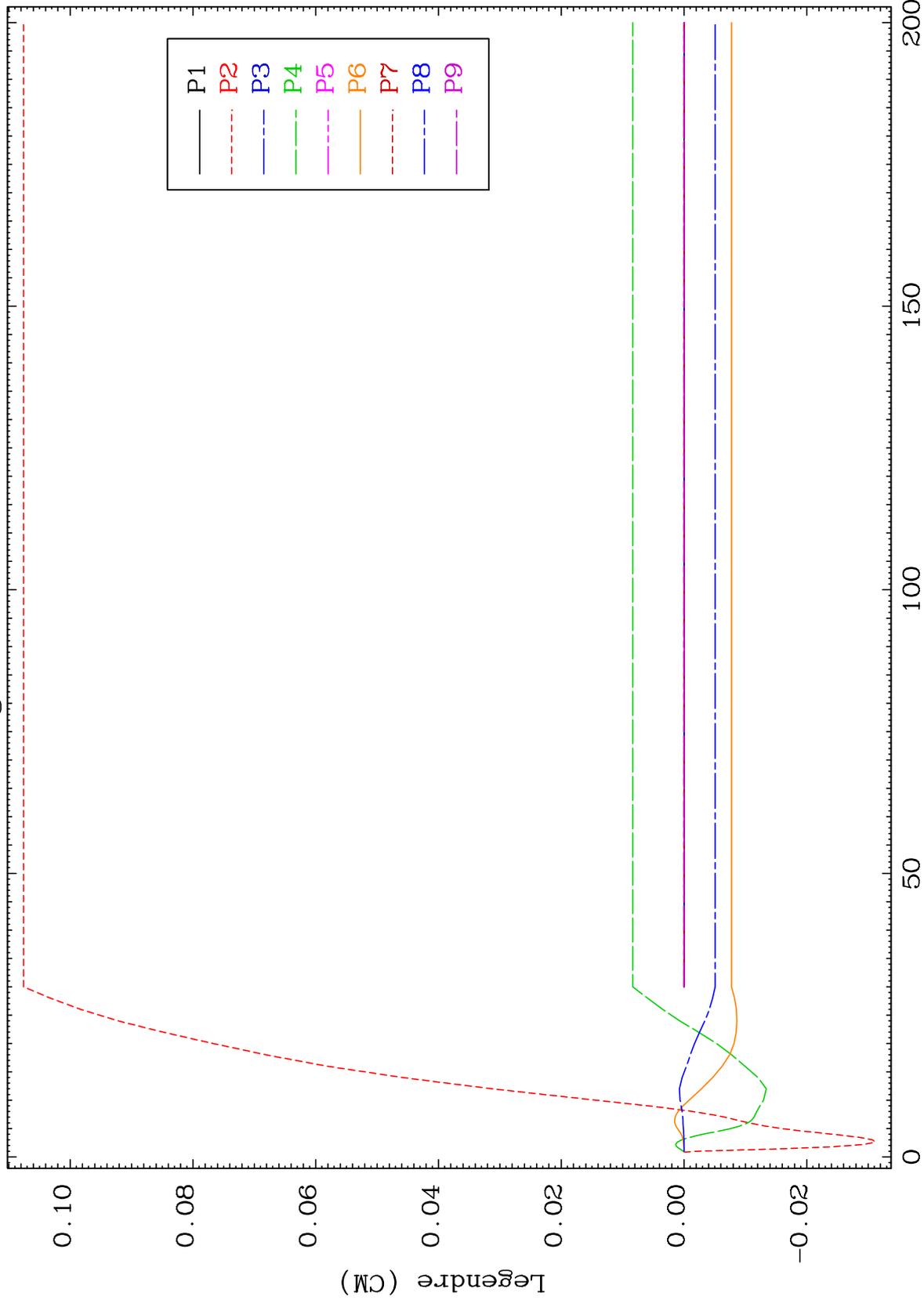
48-Cd-113



MAT 4846

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

48-Cd-113



59

48-Cd-113

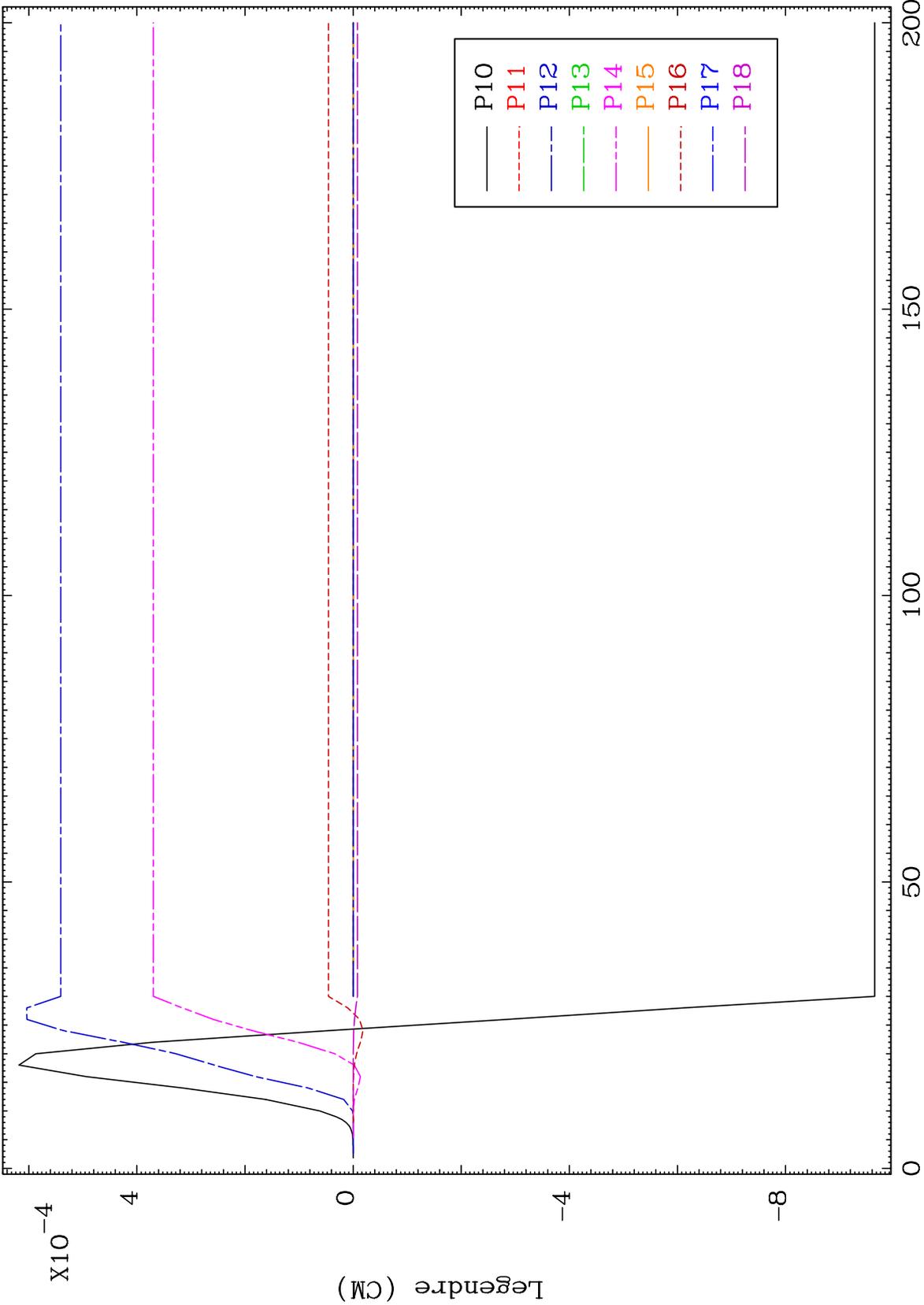
48-Cd-113

MAT 4846

MT= 64 (n,n') Level

48-Cd-113

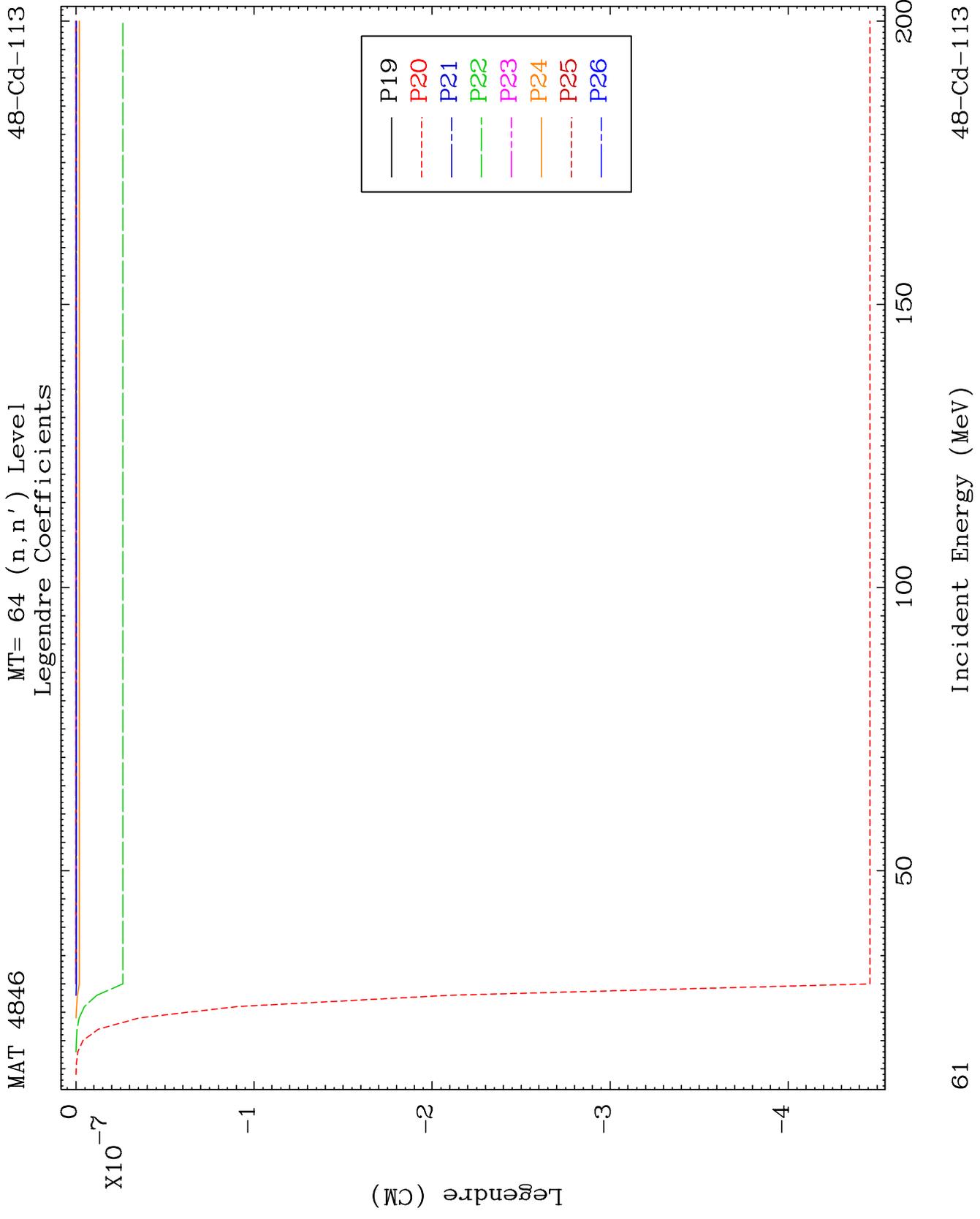
Legendre Coefficients



60

Incident Energy (MeV)

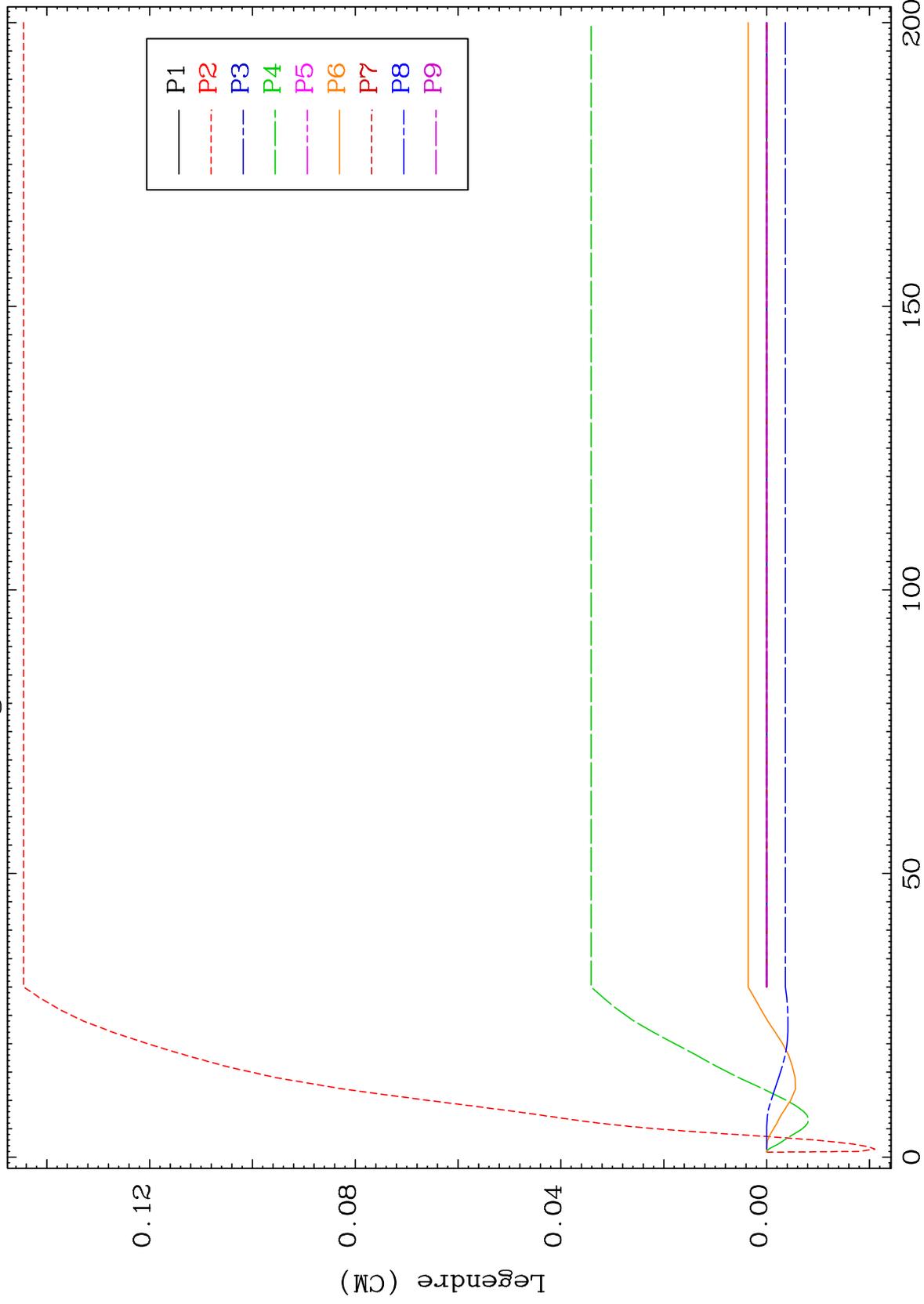
48-Cd-113



MAT 4846

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

48-Cd-113



62

Incident Energy (MeV)

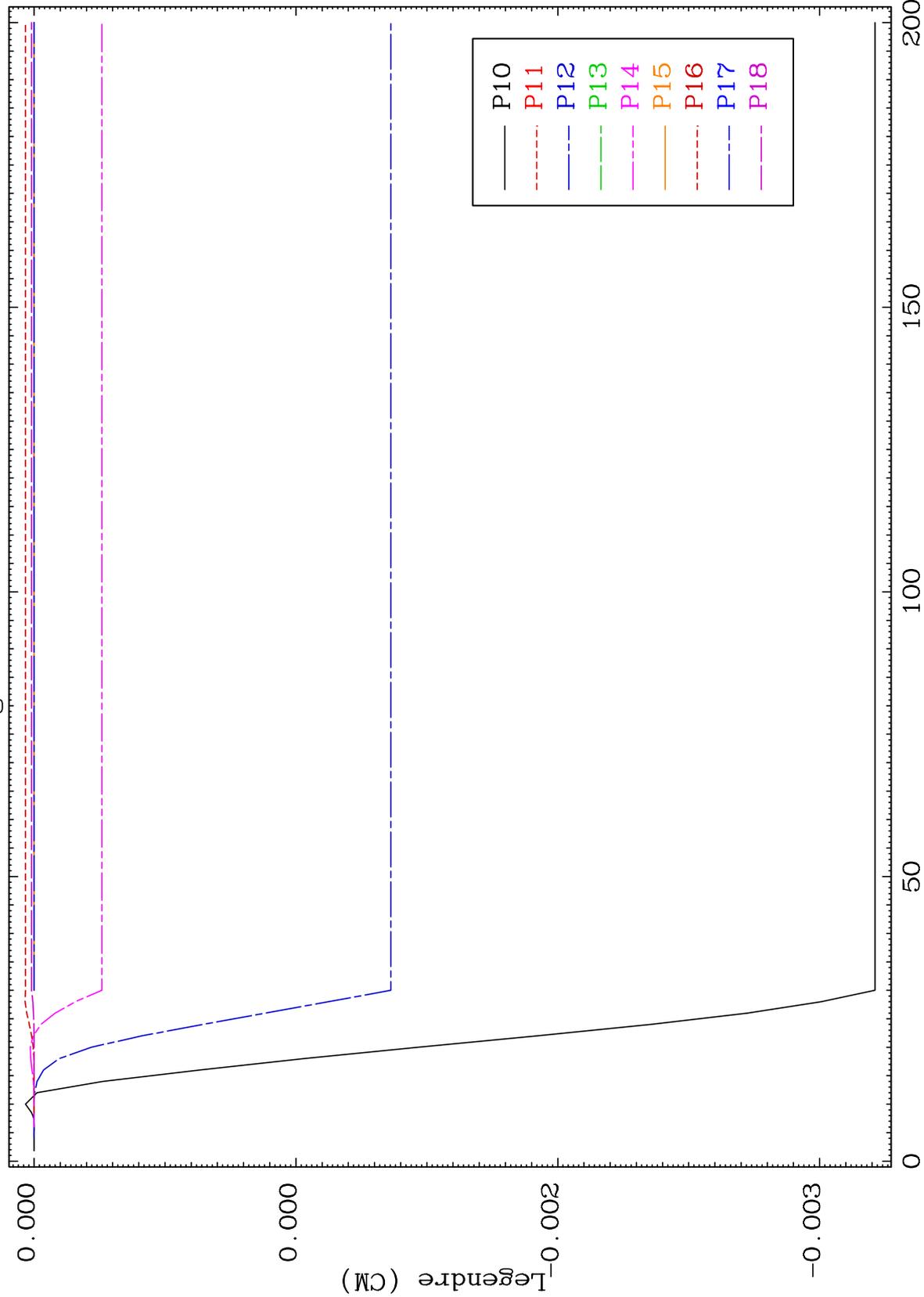
48-Cd-113

MAT 4846

MT= 65 (n,n') Level

48-Cd-113

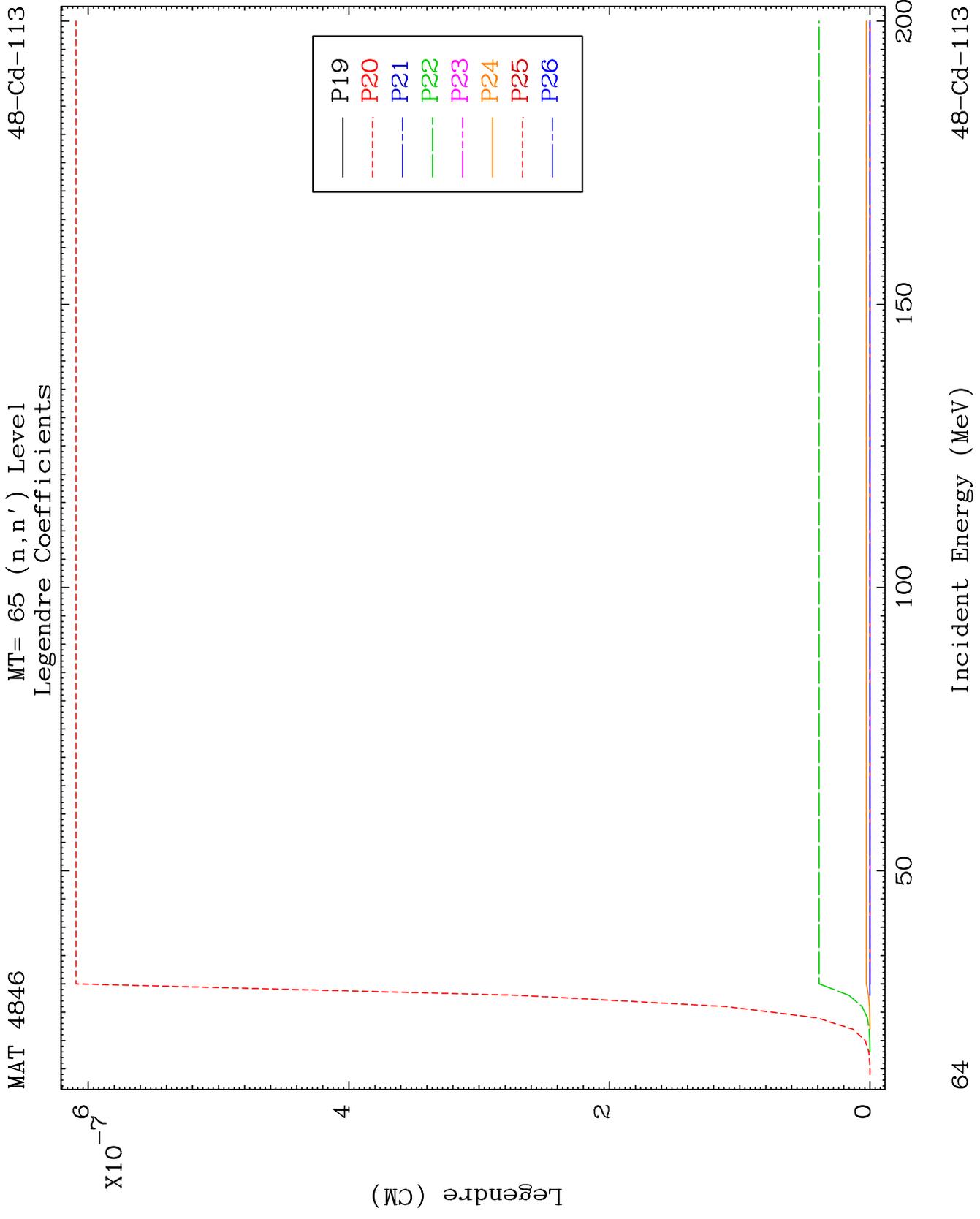
Legendre Coefficients



48-Cd-113

Incident Energy (MeV)

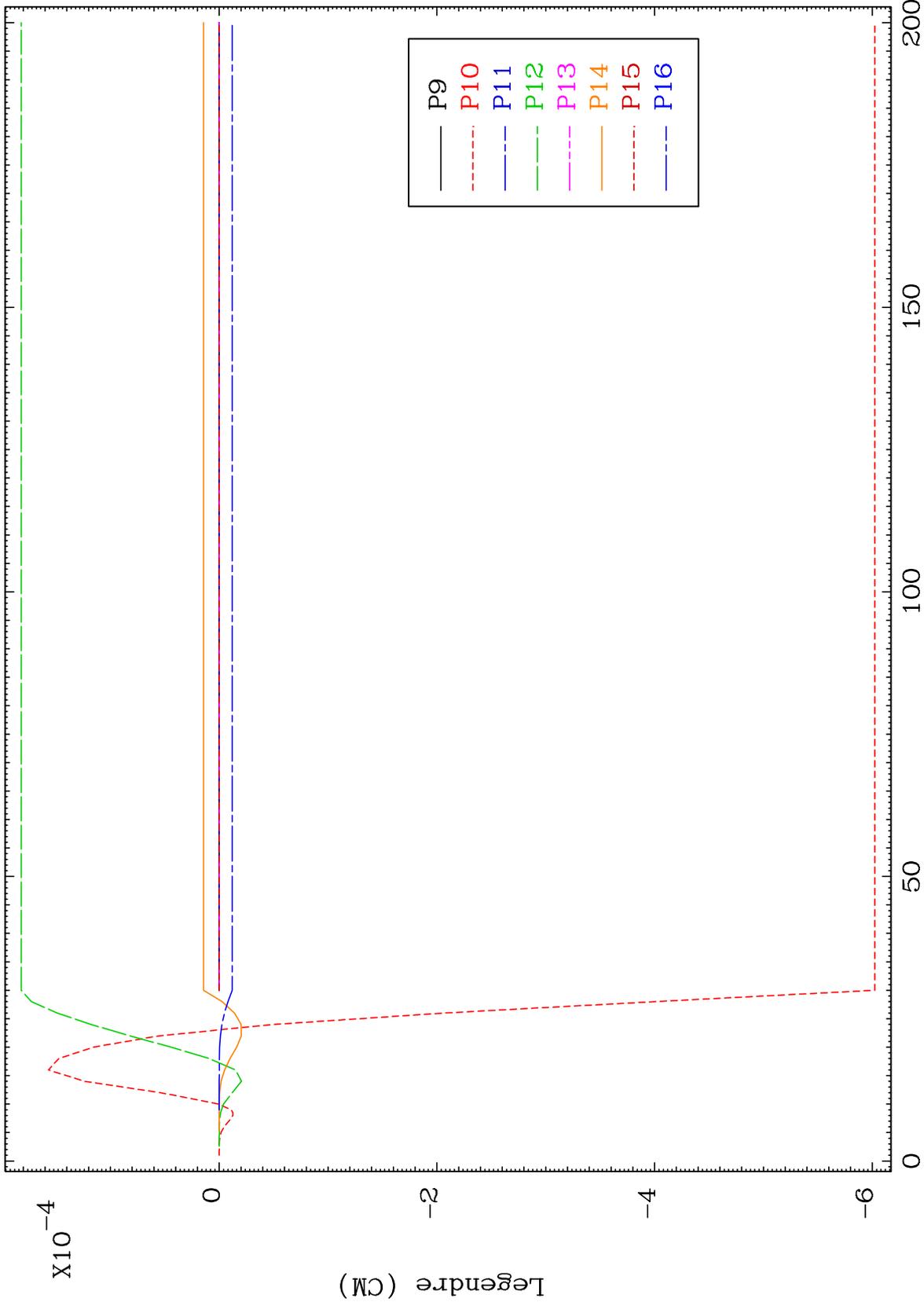
63



MAT 4846

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

48-Cd-113



66

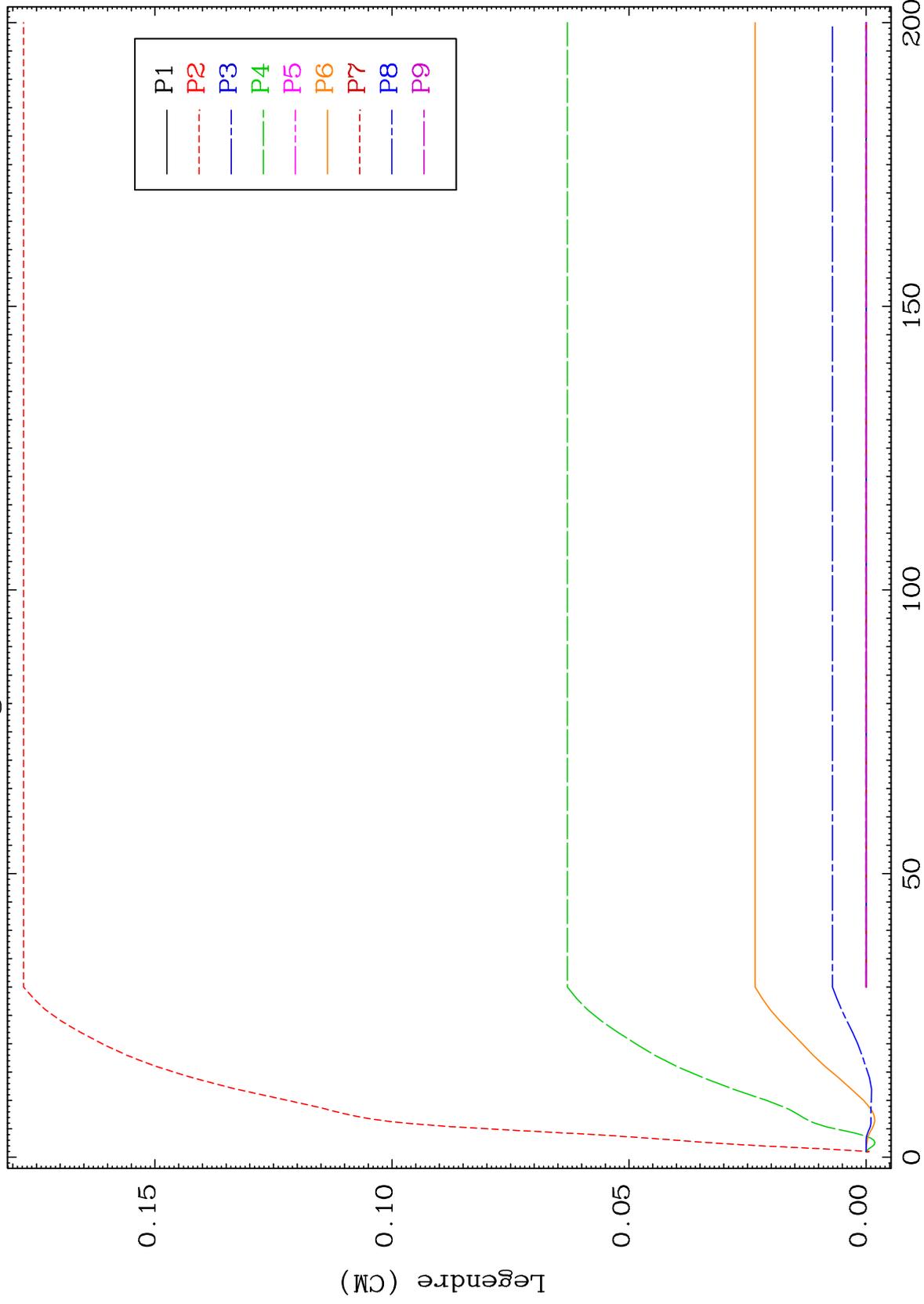
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



68

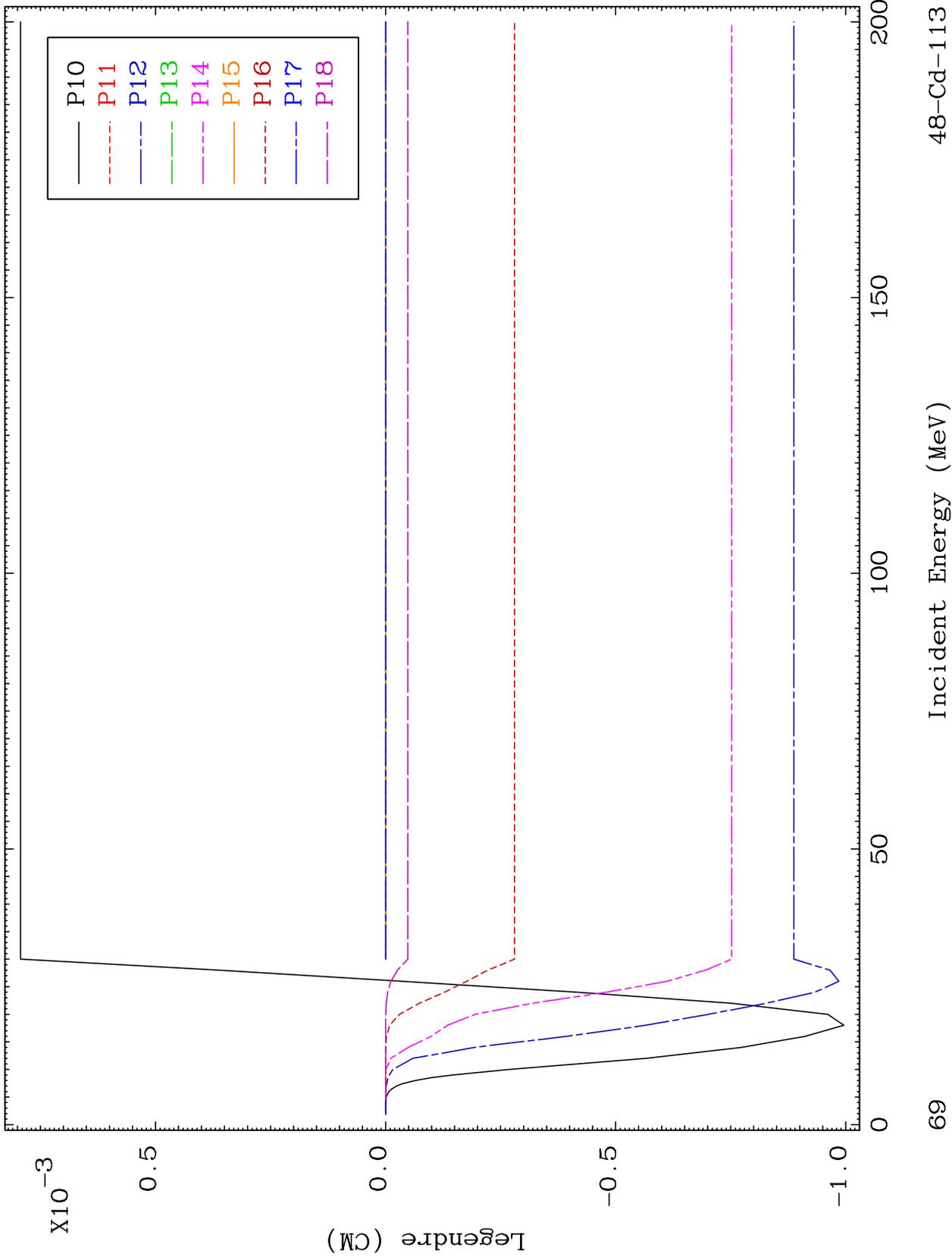
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

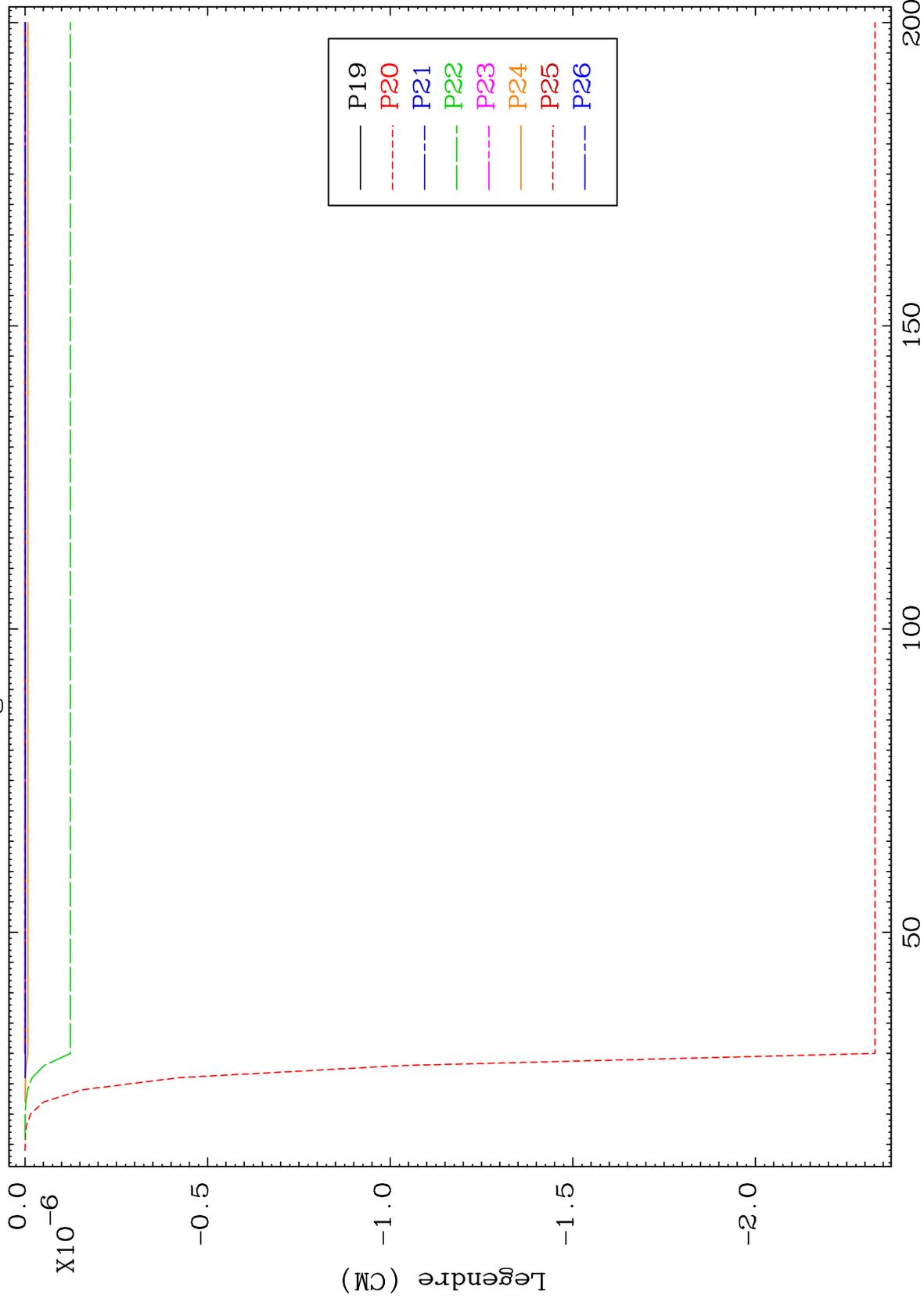
48-Cd-113



MAT 4846

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

48-Cd-113



70

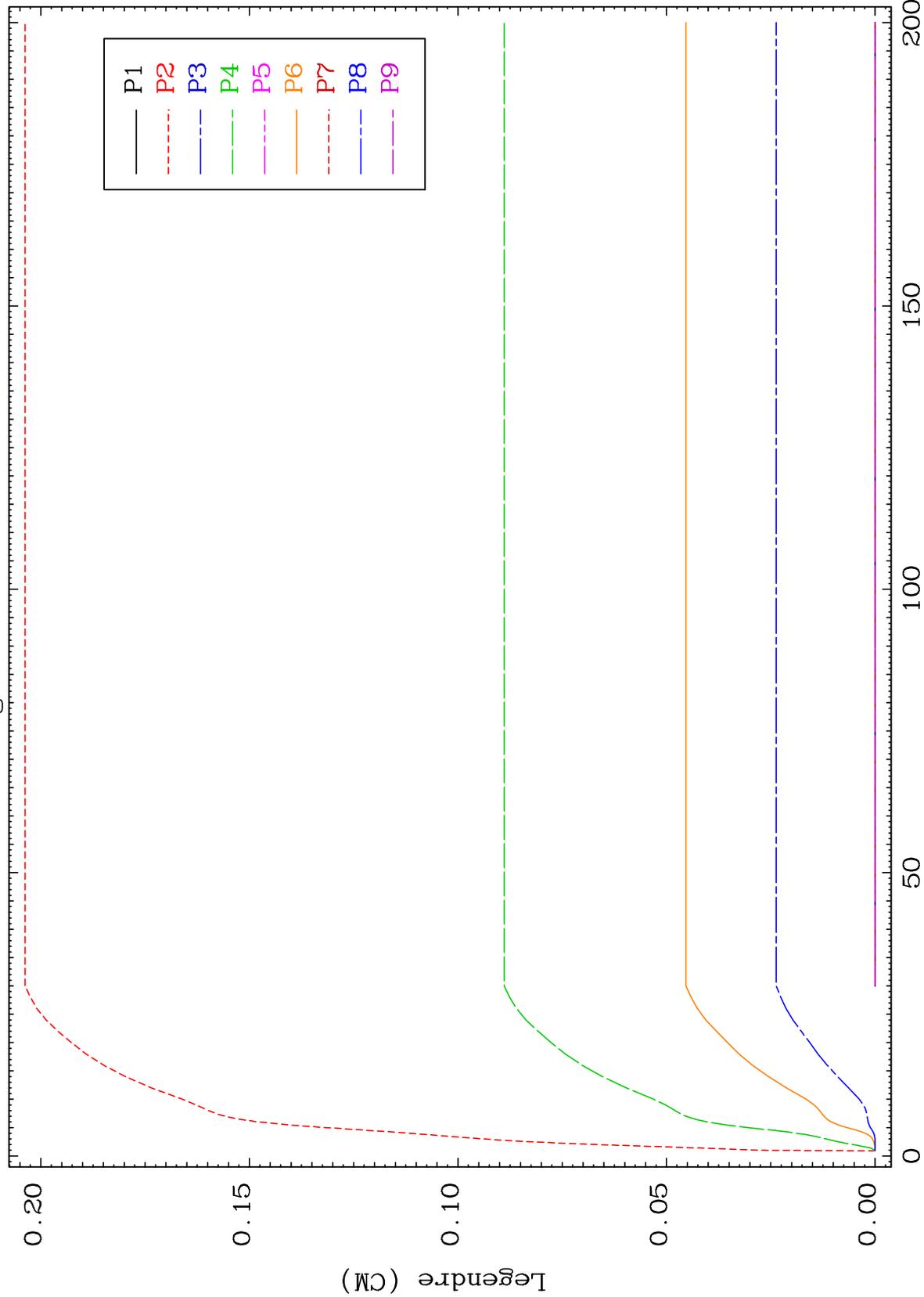
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



71

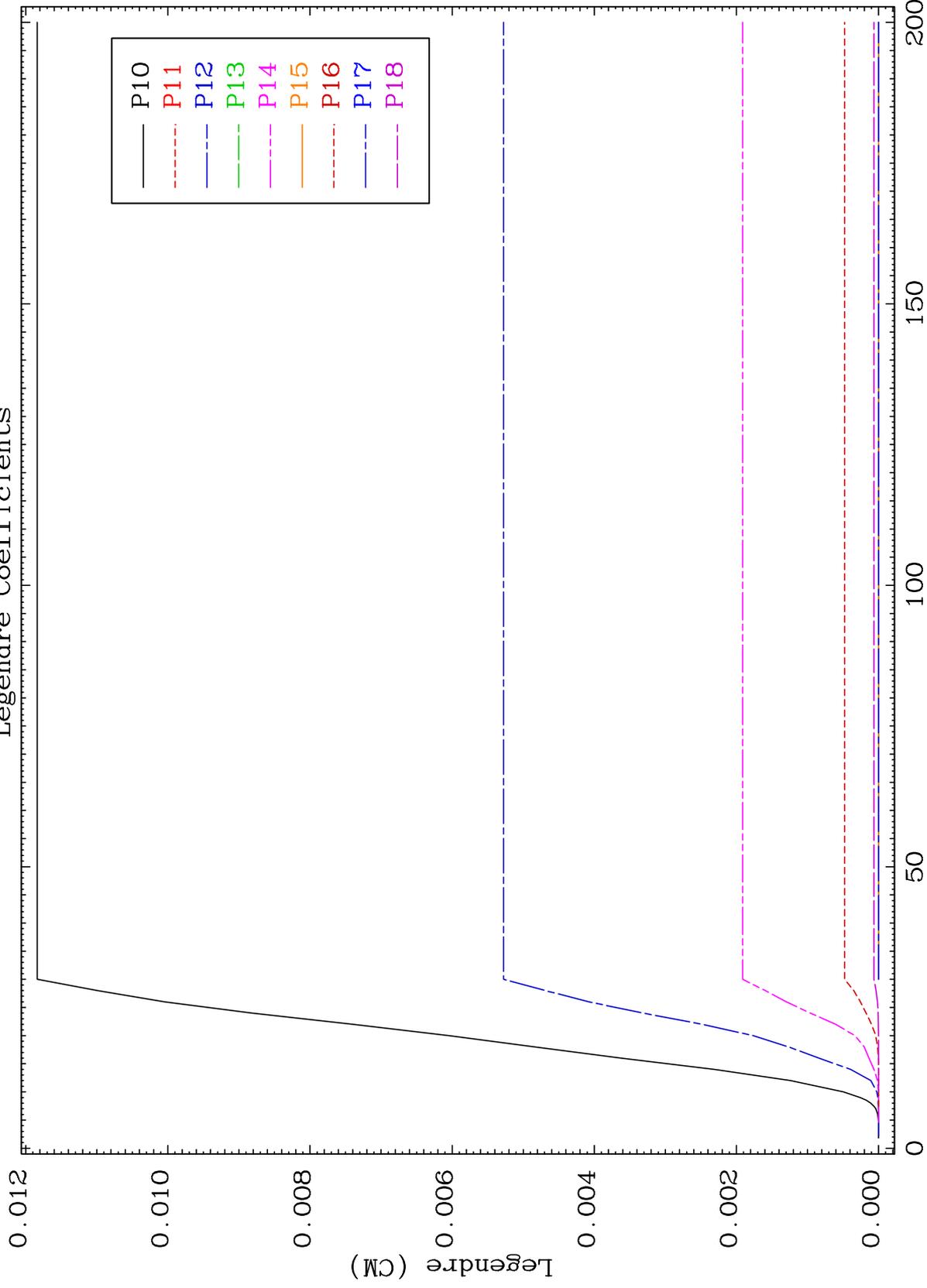
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



72

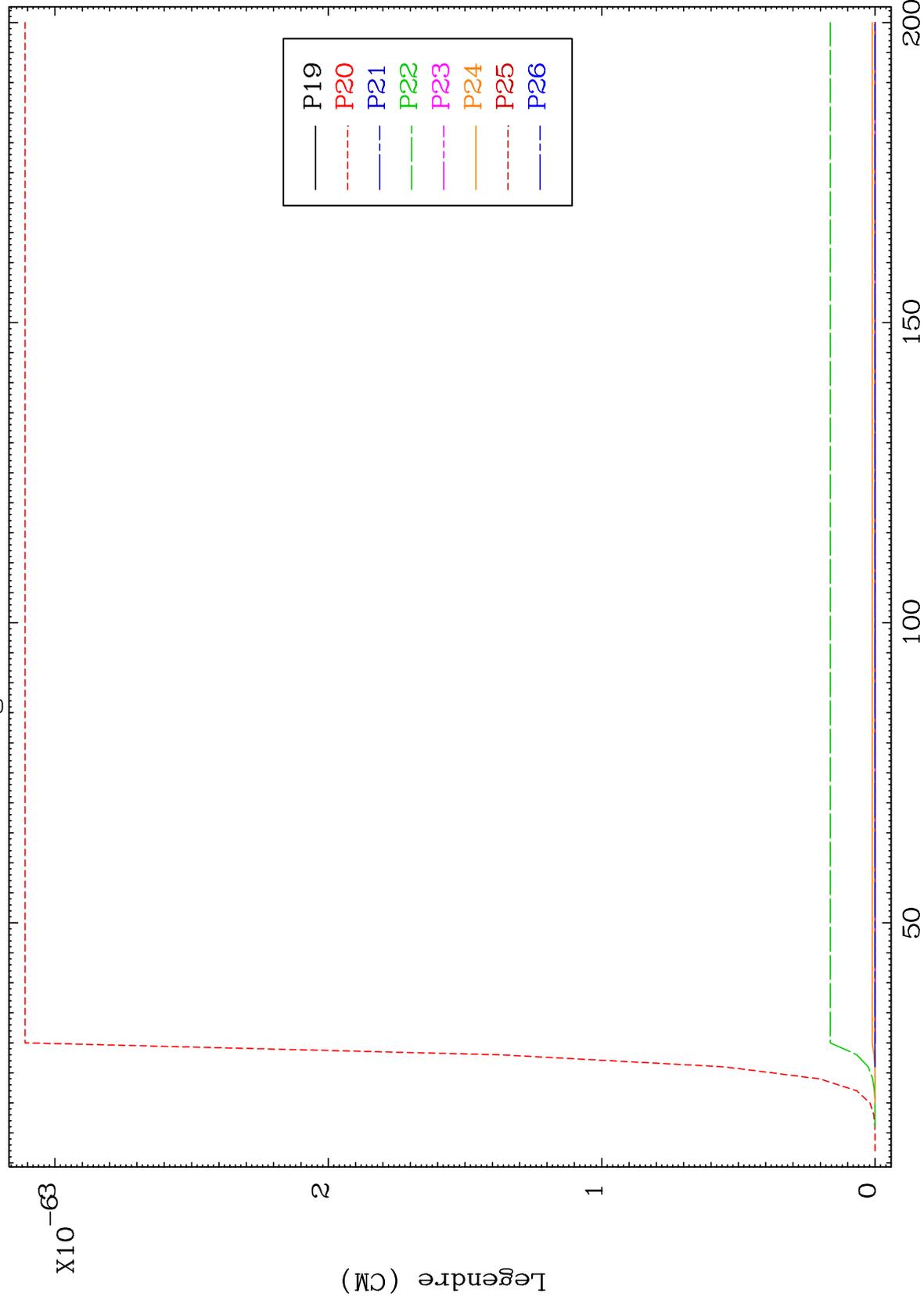
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

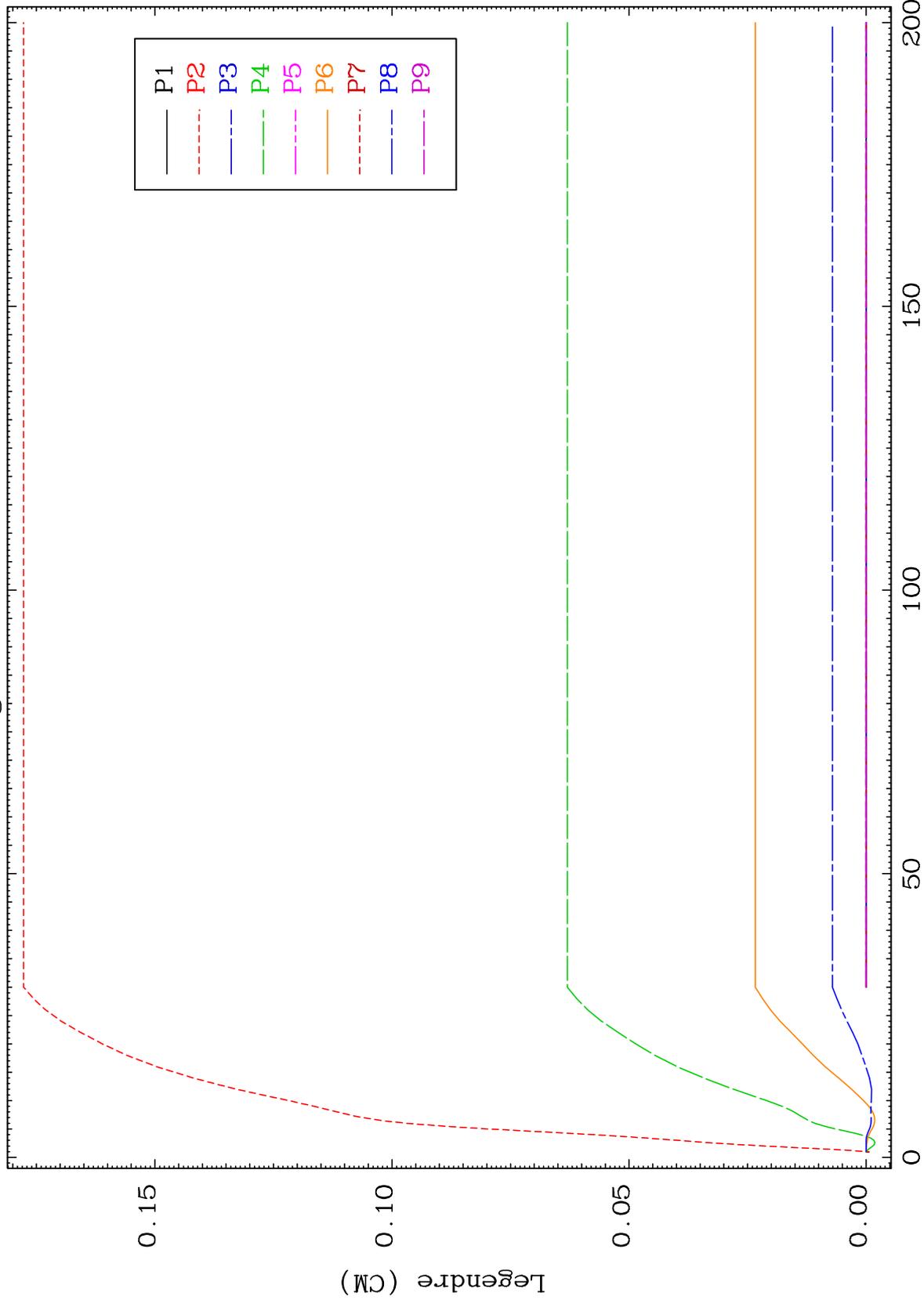
Incident Energy (MeV)

73

MAT 4846

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

48-Cd-113



74

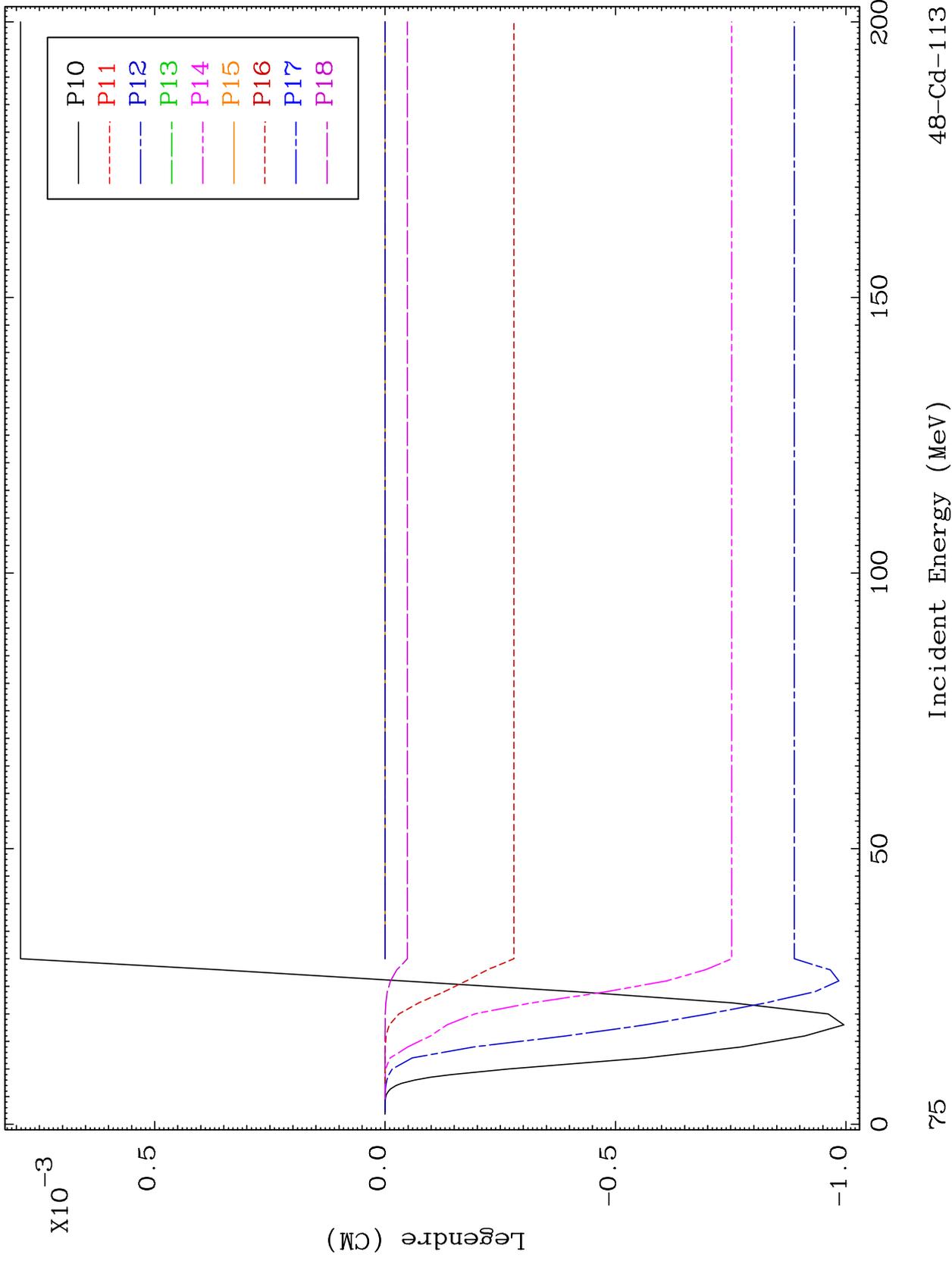
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

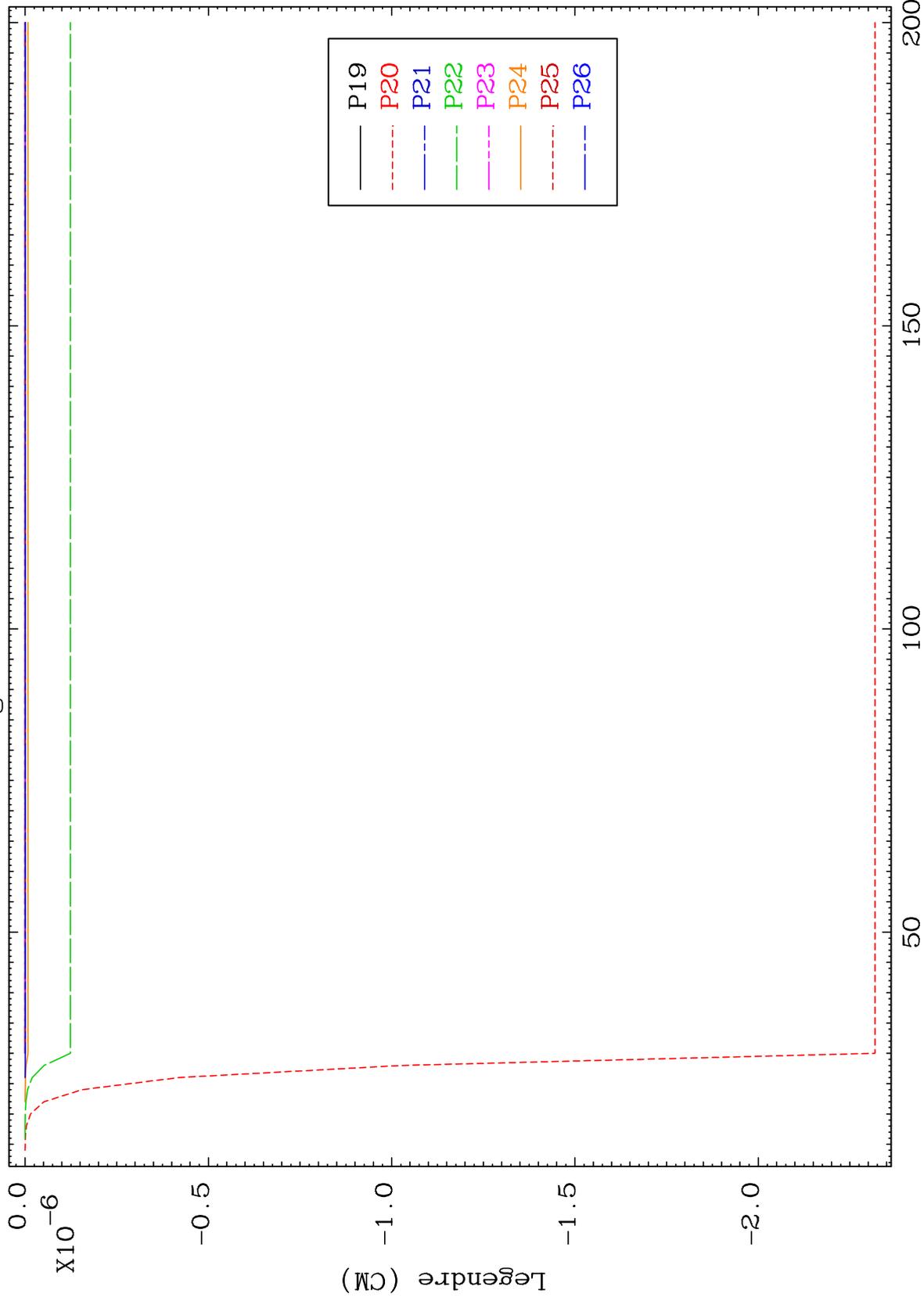
Incident Energy (MeV)

75

MAT 4846

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

48-Cd-113



76

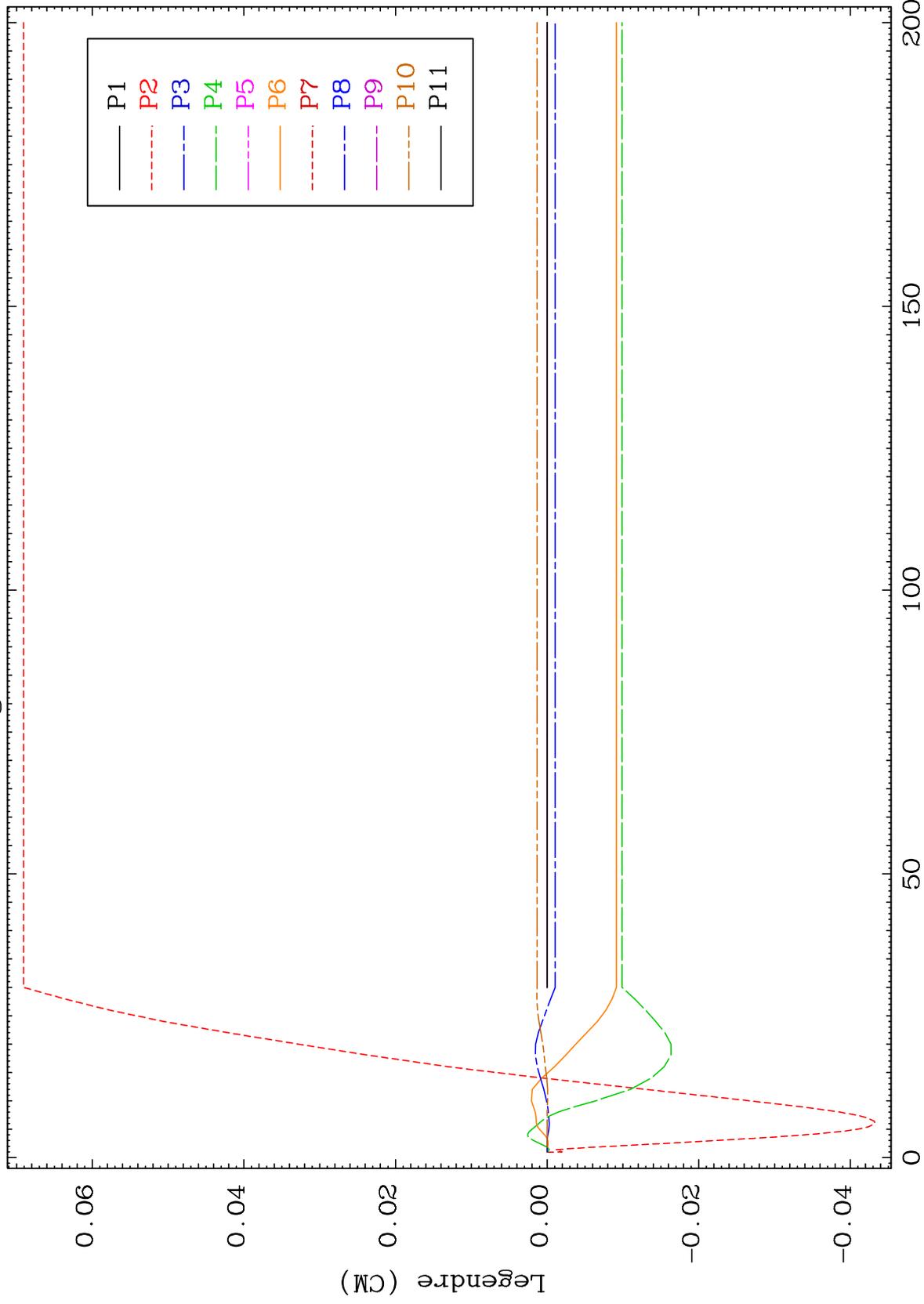
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



77

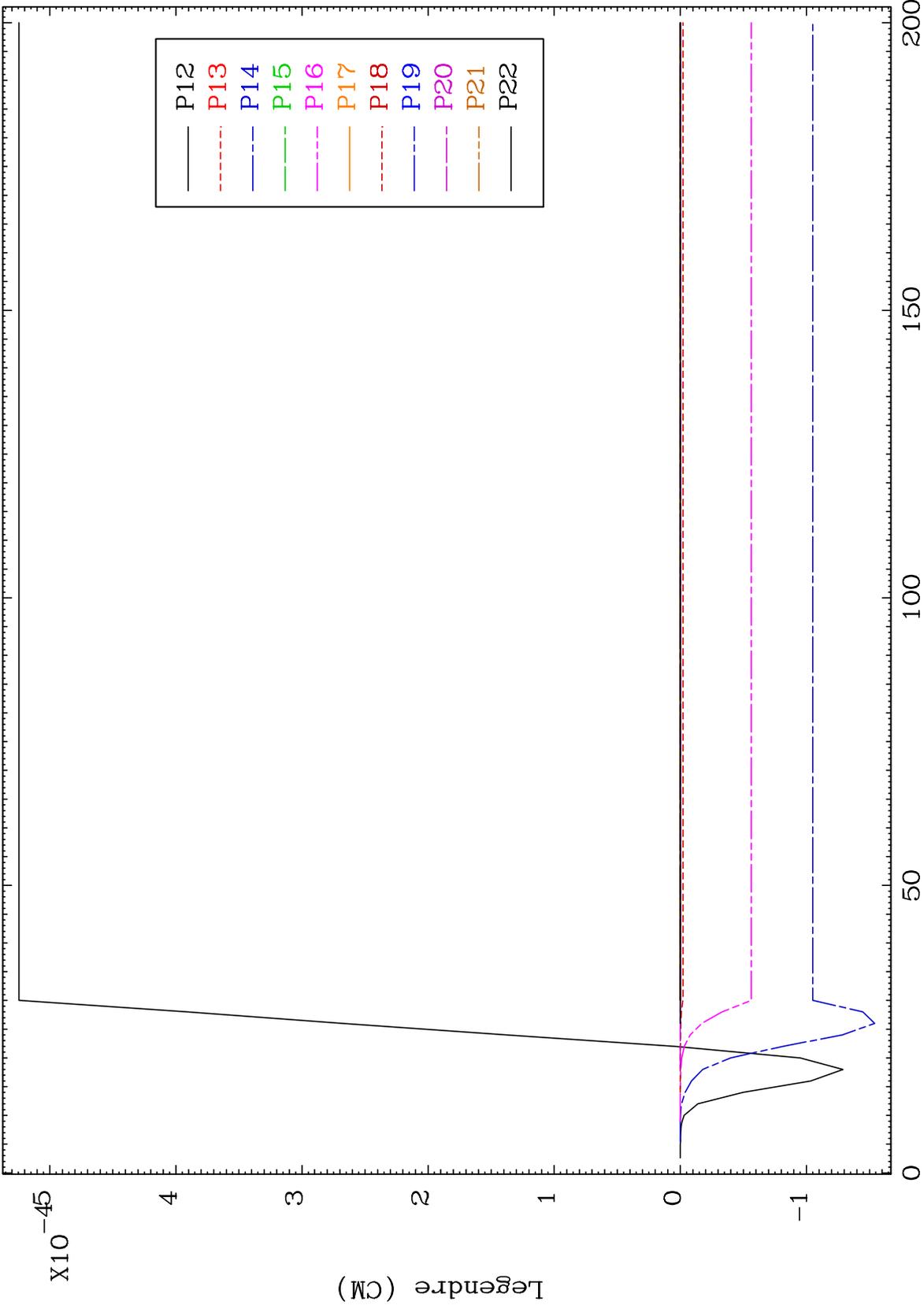
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



78

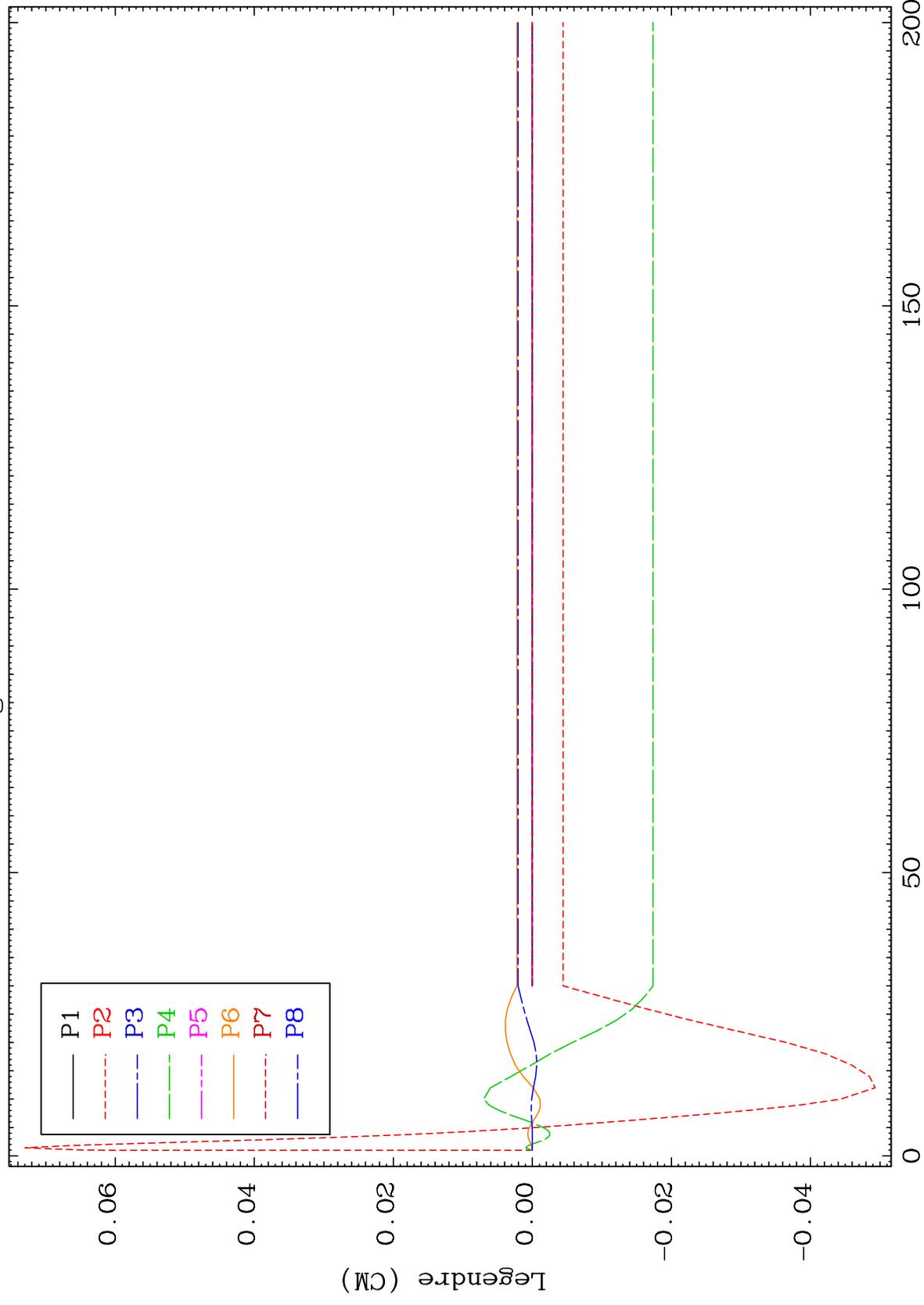
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



79

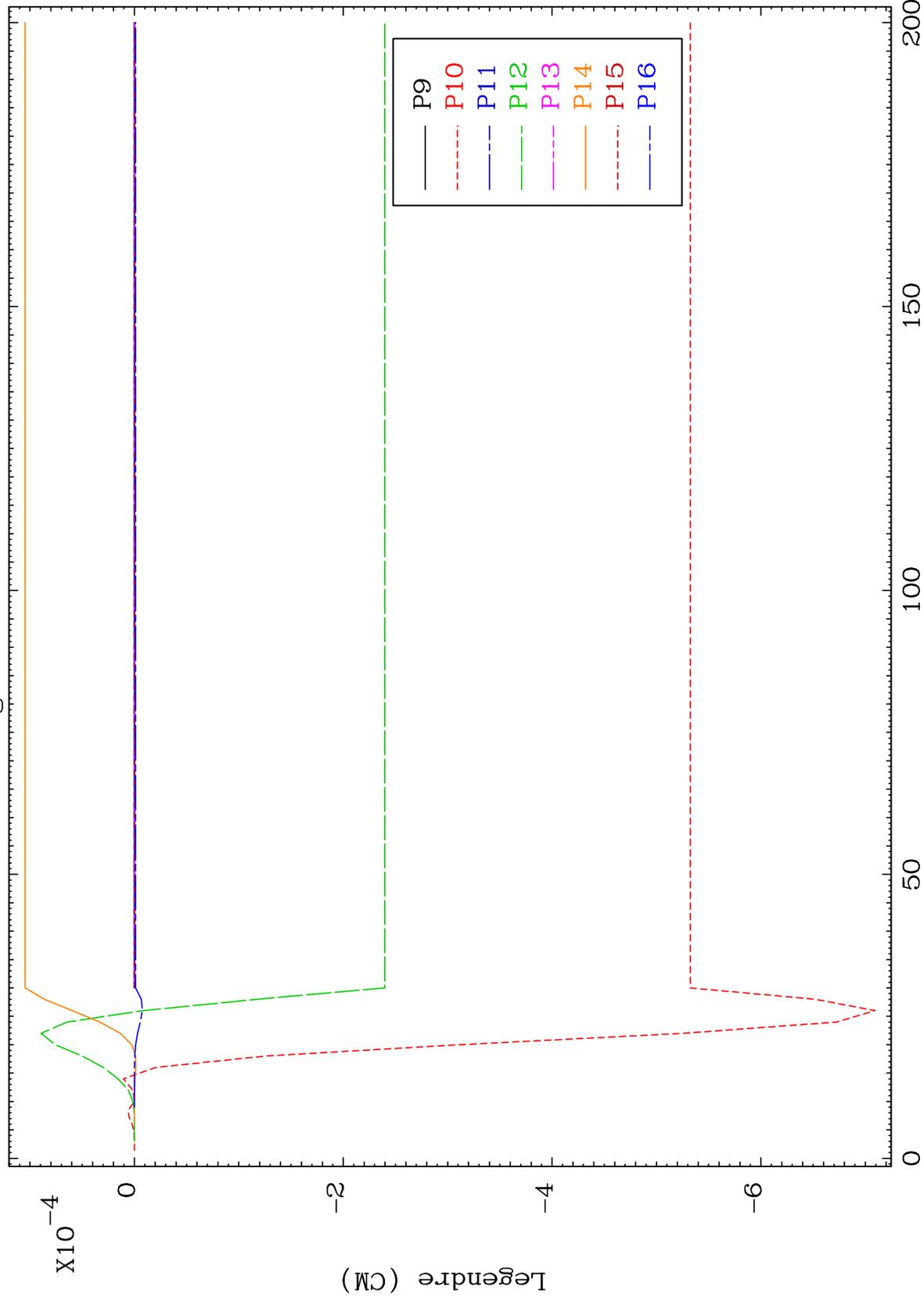
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

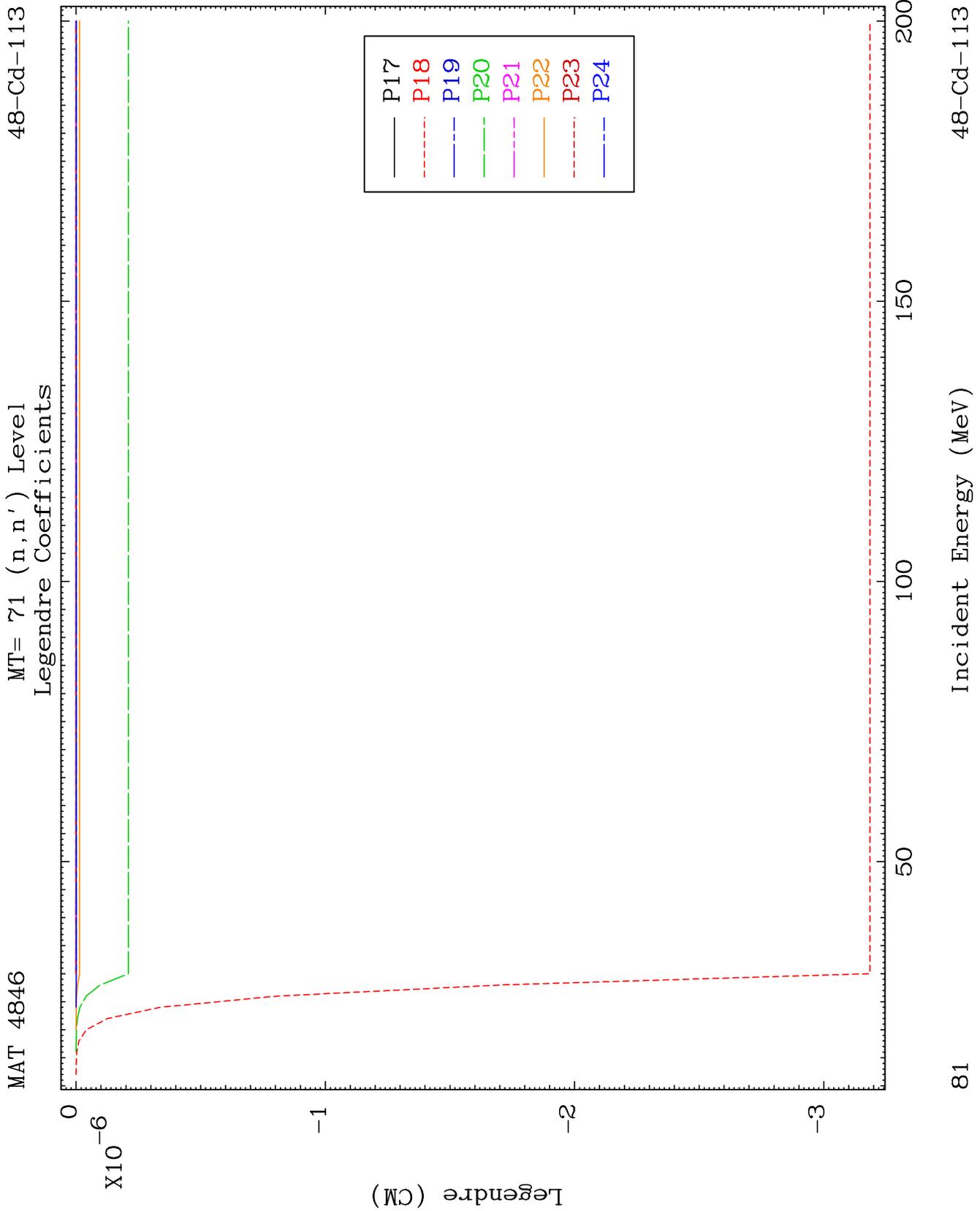
48-Cd-113



48-Cd-113

Incident Energy (MeV)

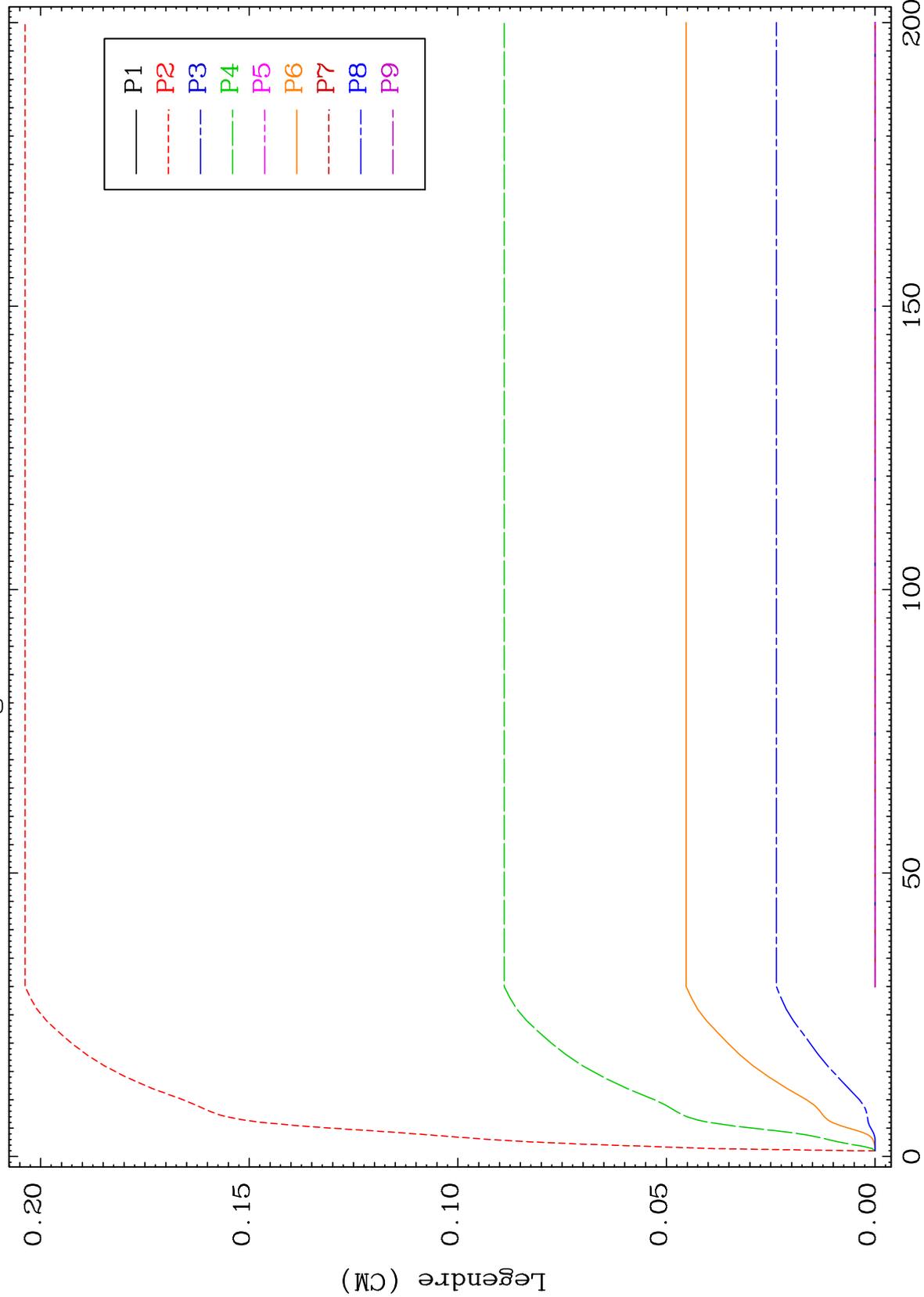
80



MAT 4846

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

48-Cd-113



82

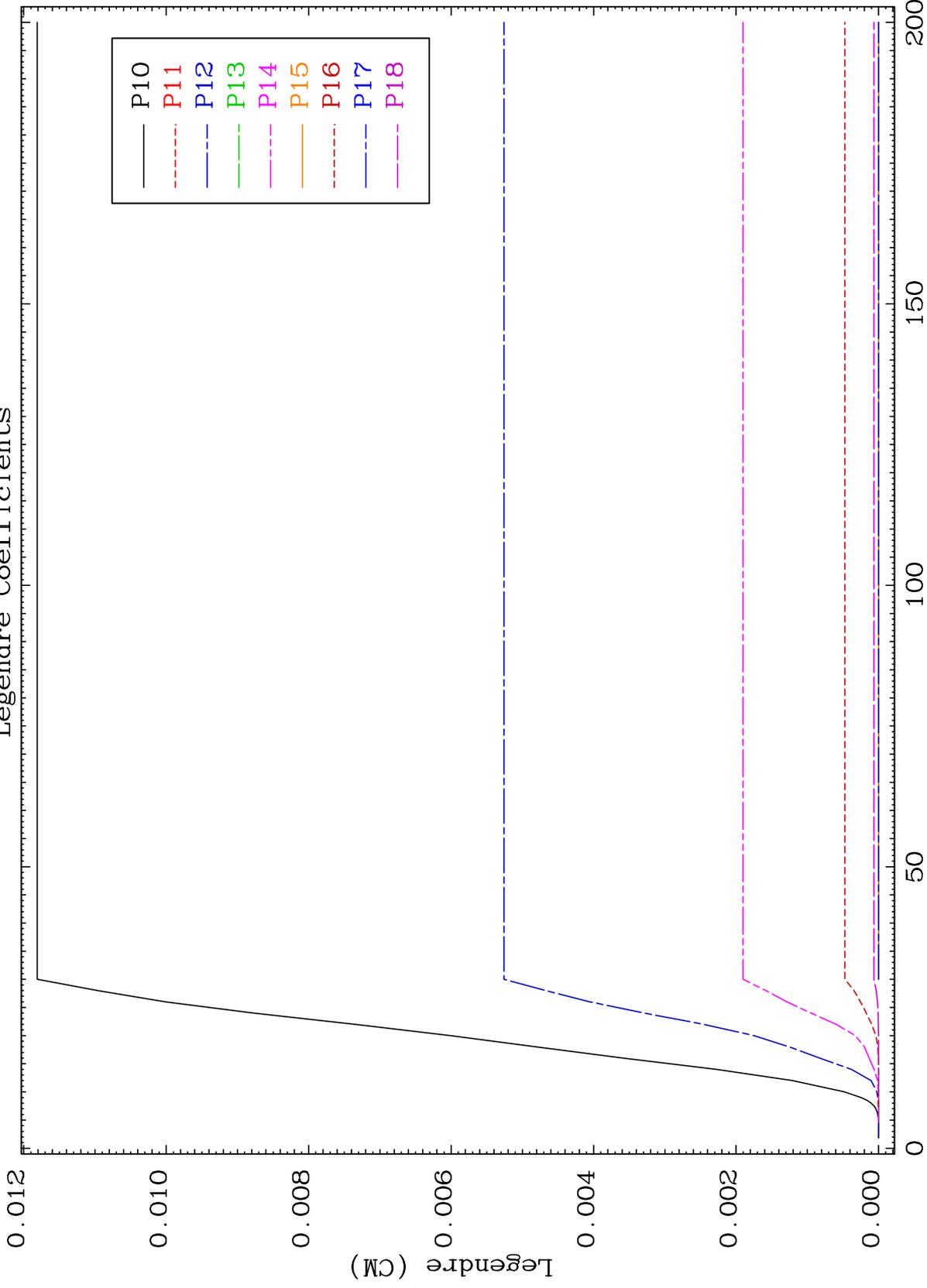
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

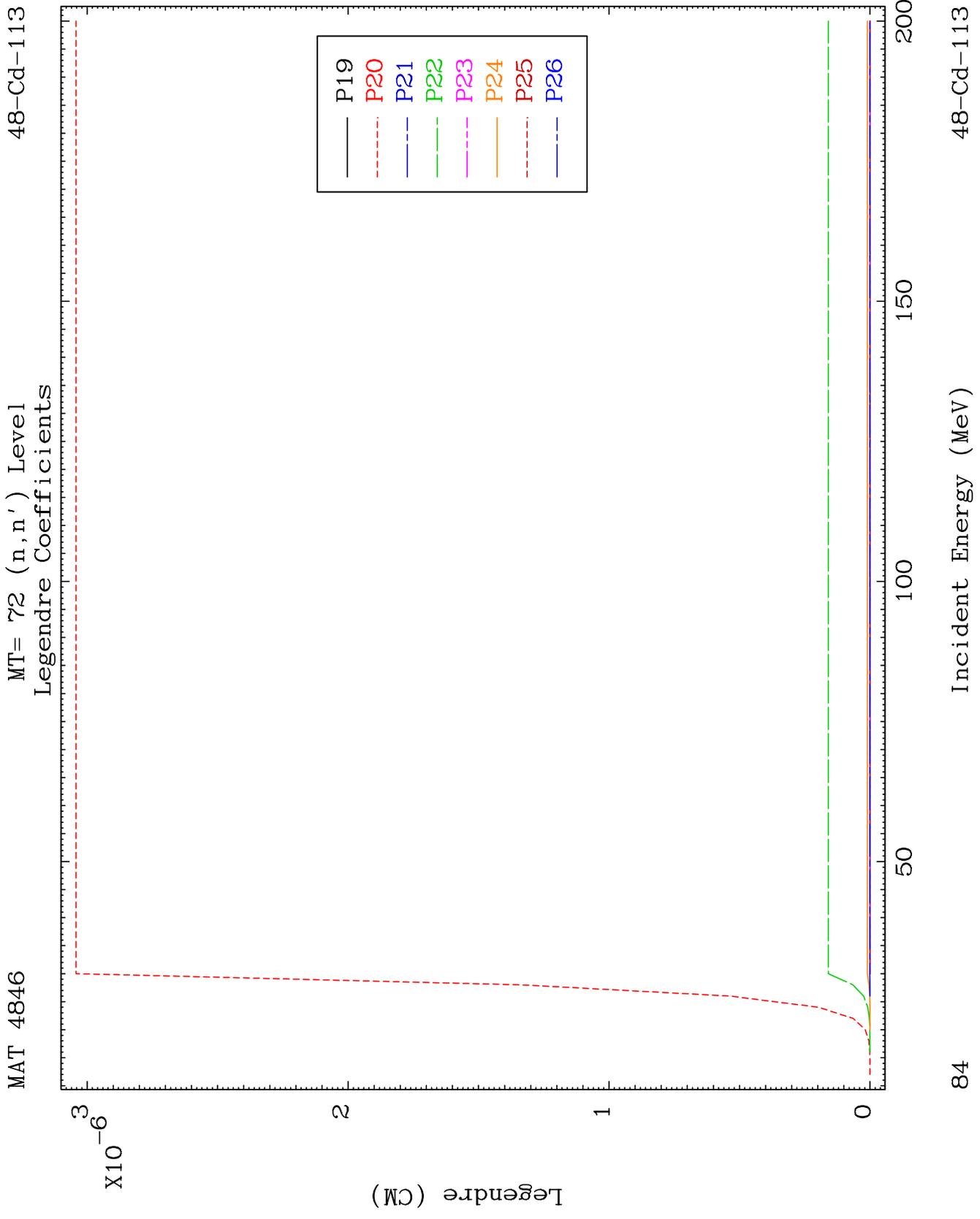
48-Cd-113



83

Incident Energy (MeV)

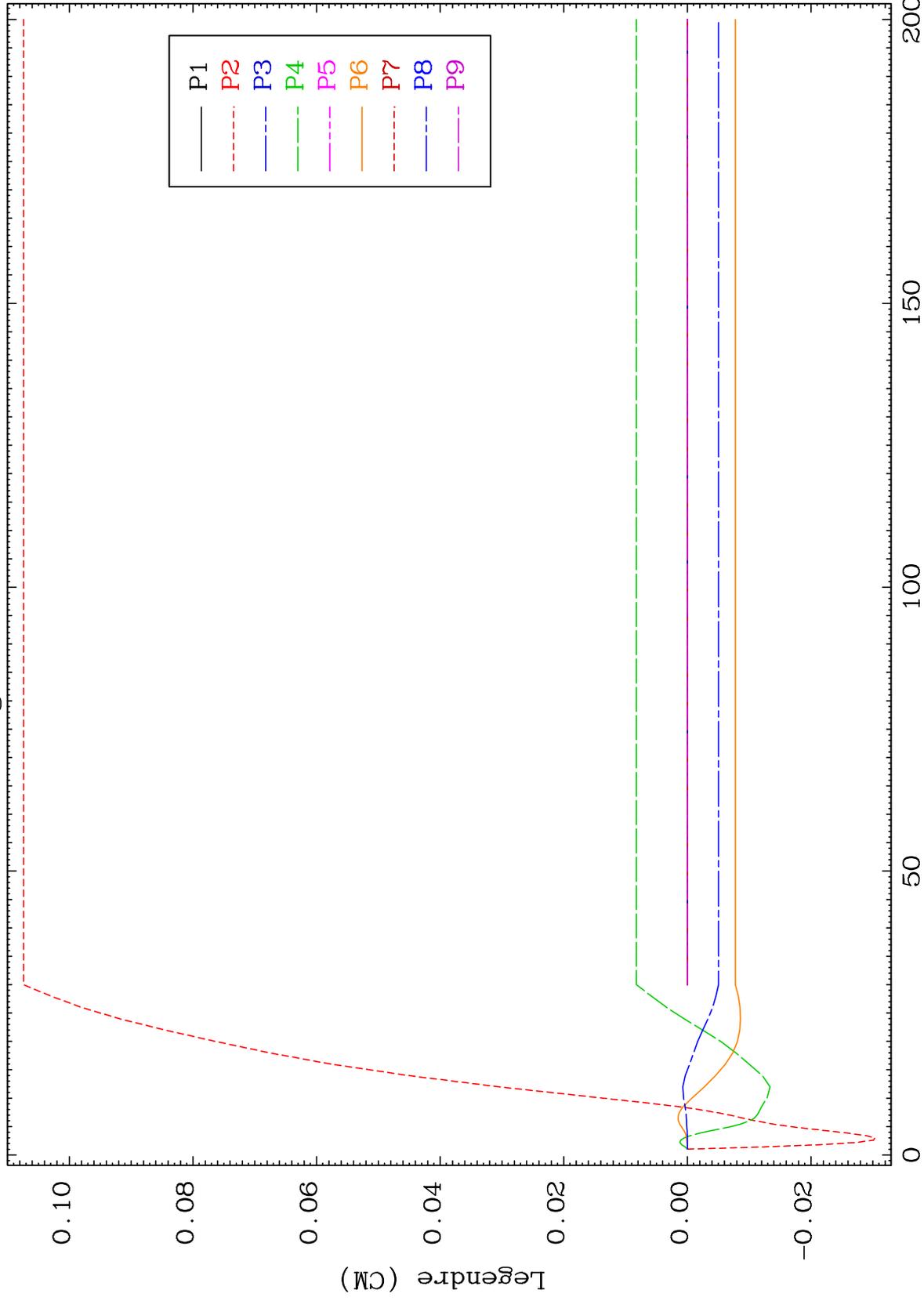
48-Cd-113



MAT 4846

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

48-Cd-113



85

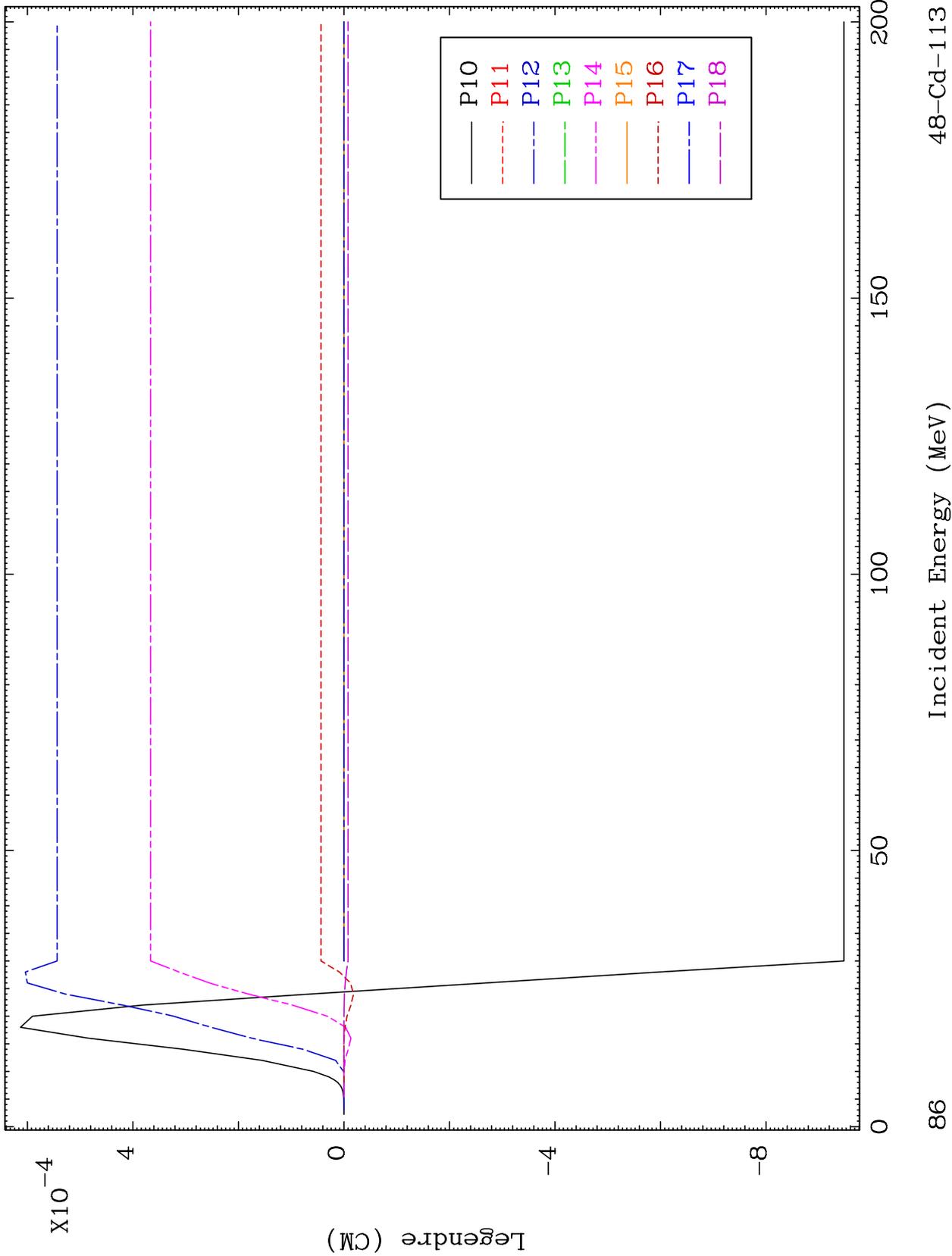
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



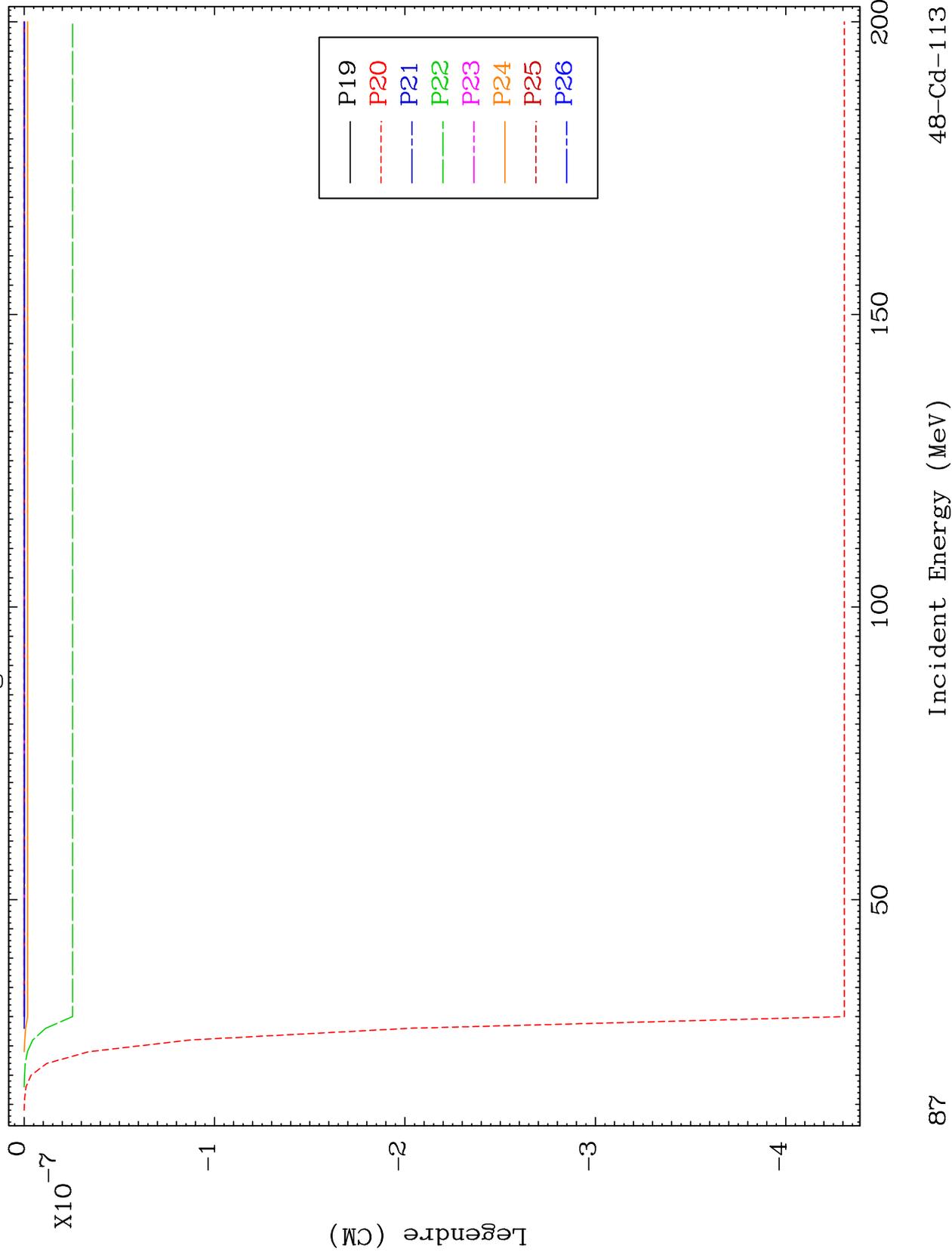
86

48-Cd-113

MAT 4846

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

48-Cd-113



87

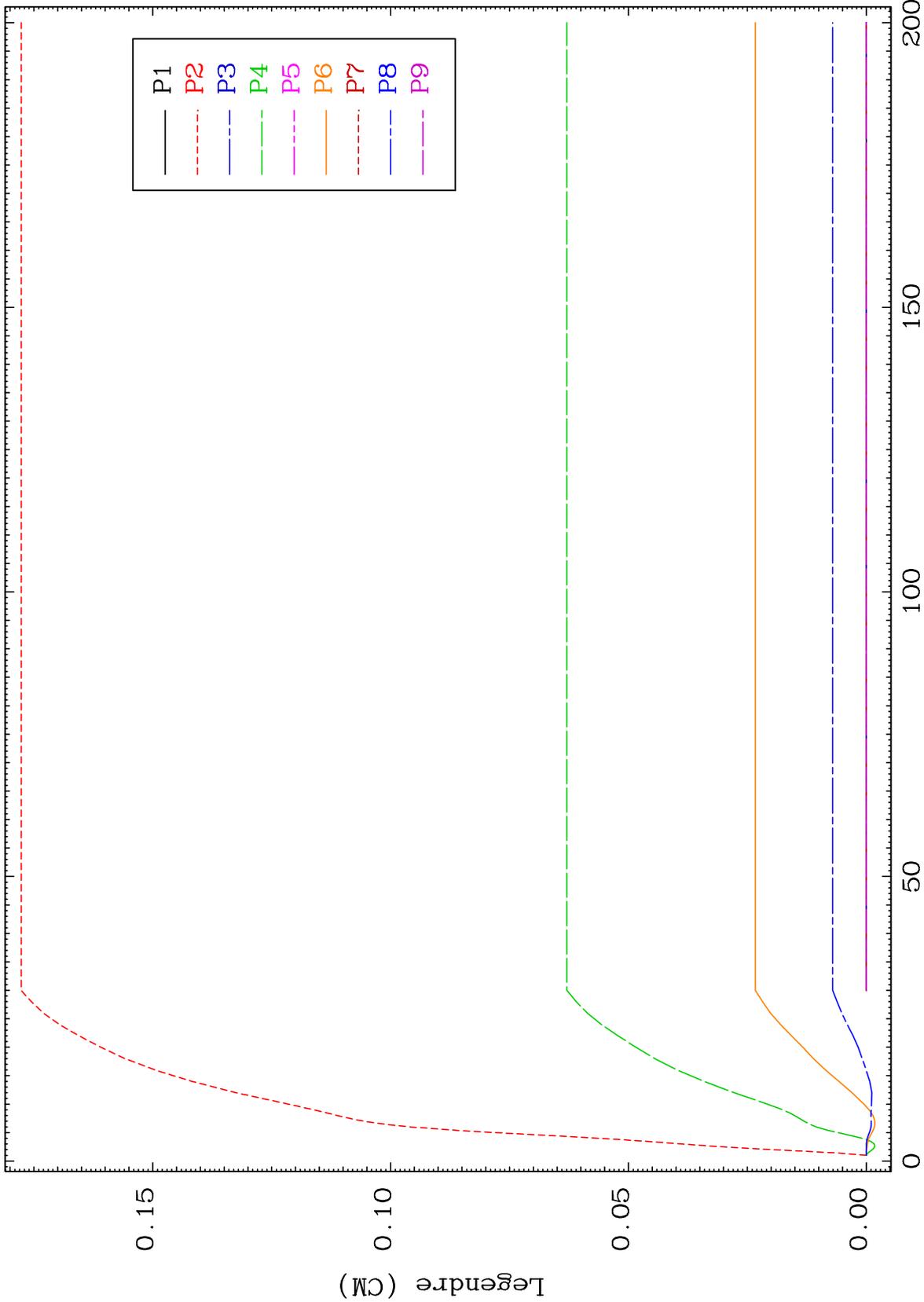
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



88

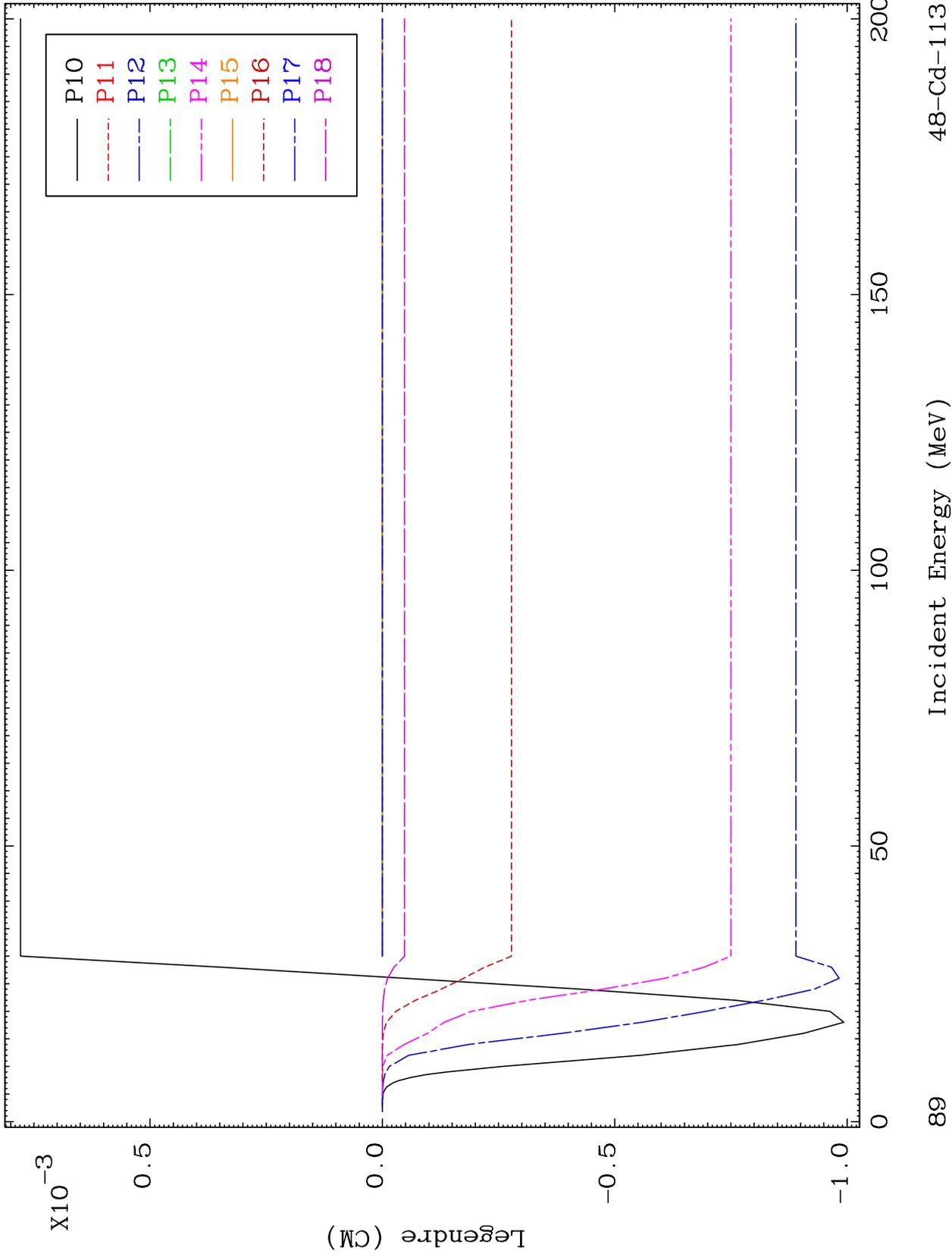
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

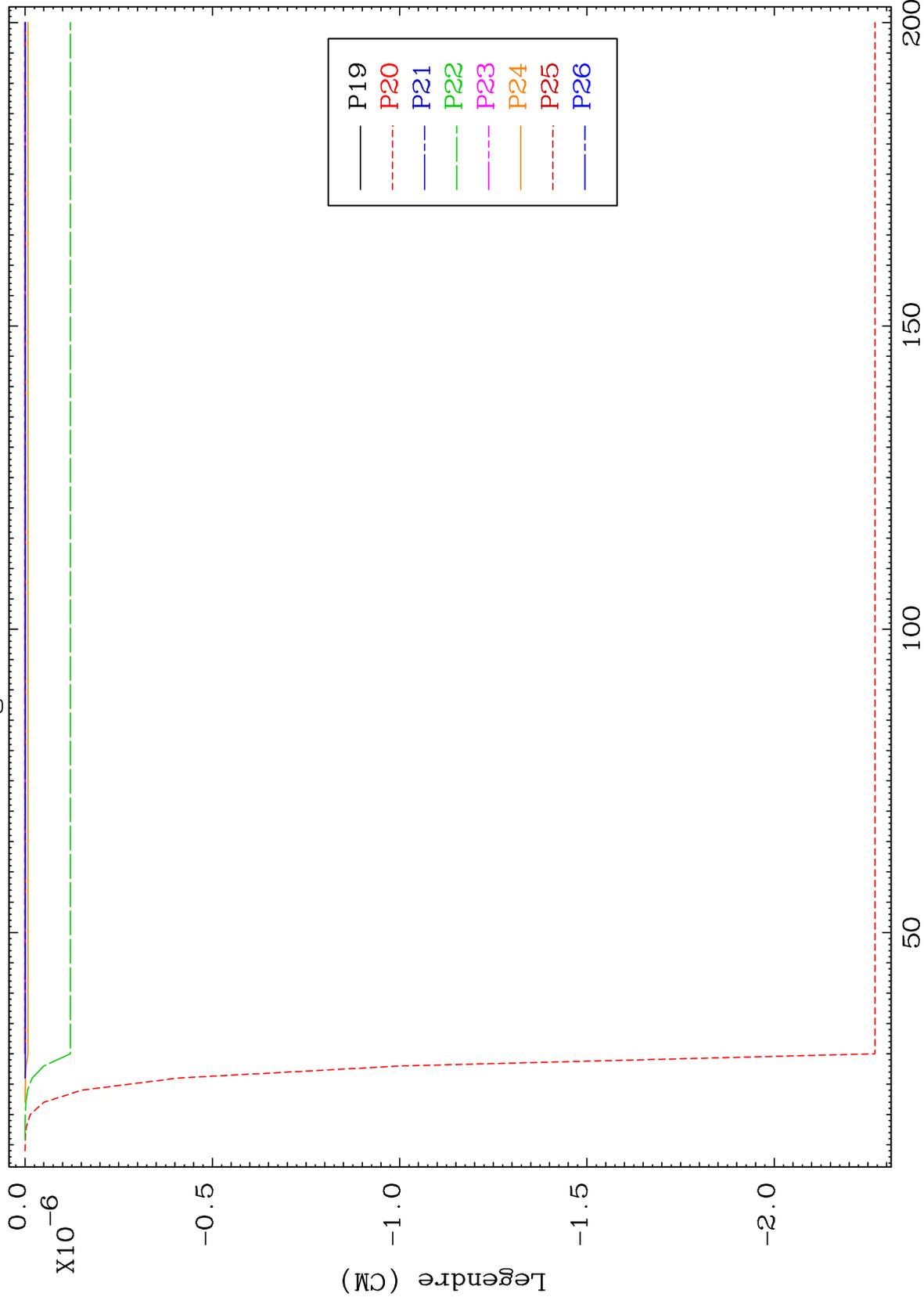
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

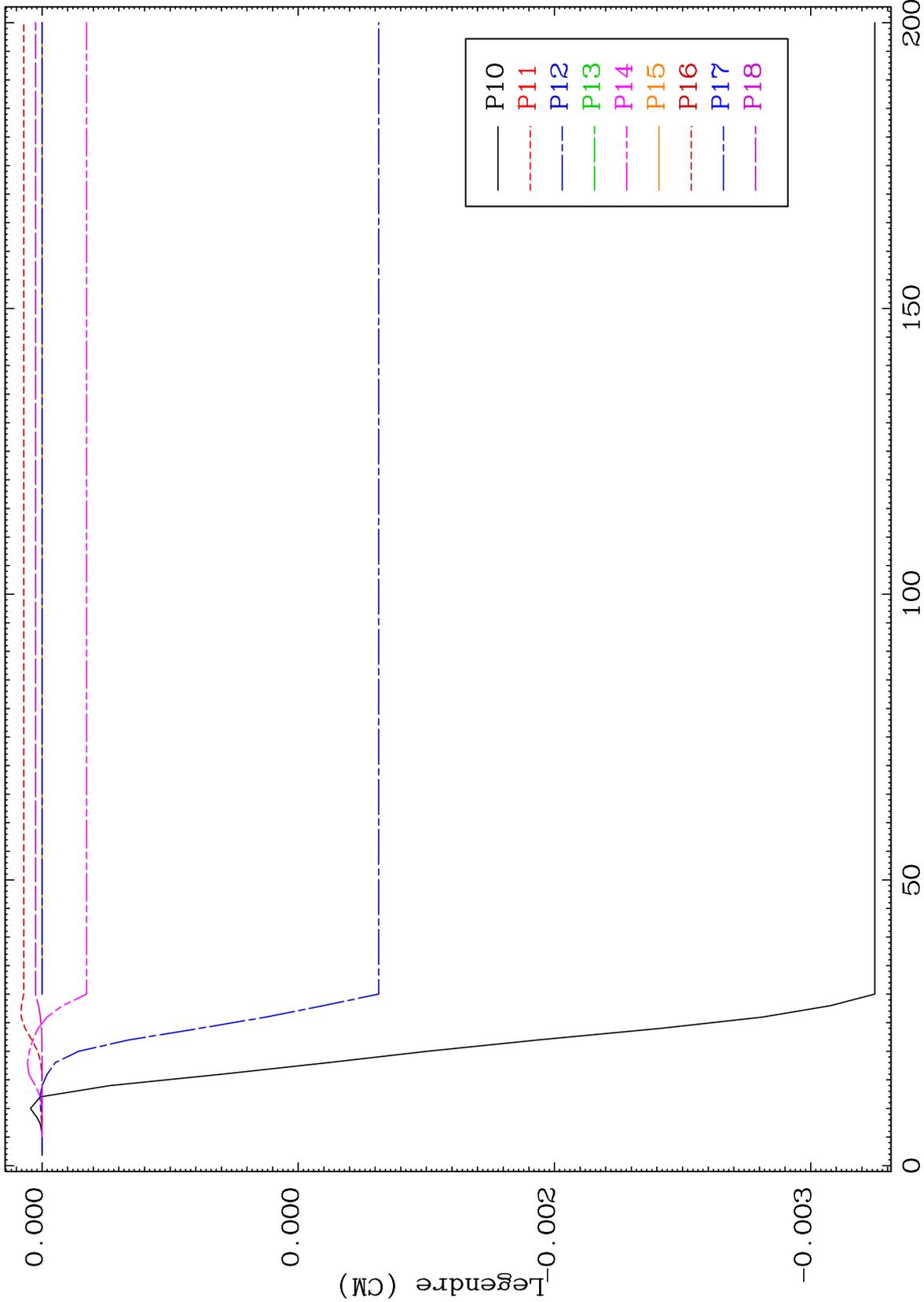
Incident Energy (MeV)

90

MAT 4846

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

48-Cd-113



92

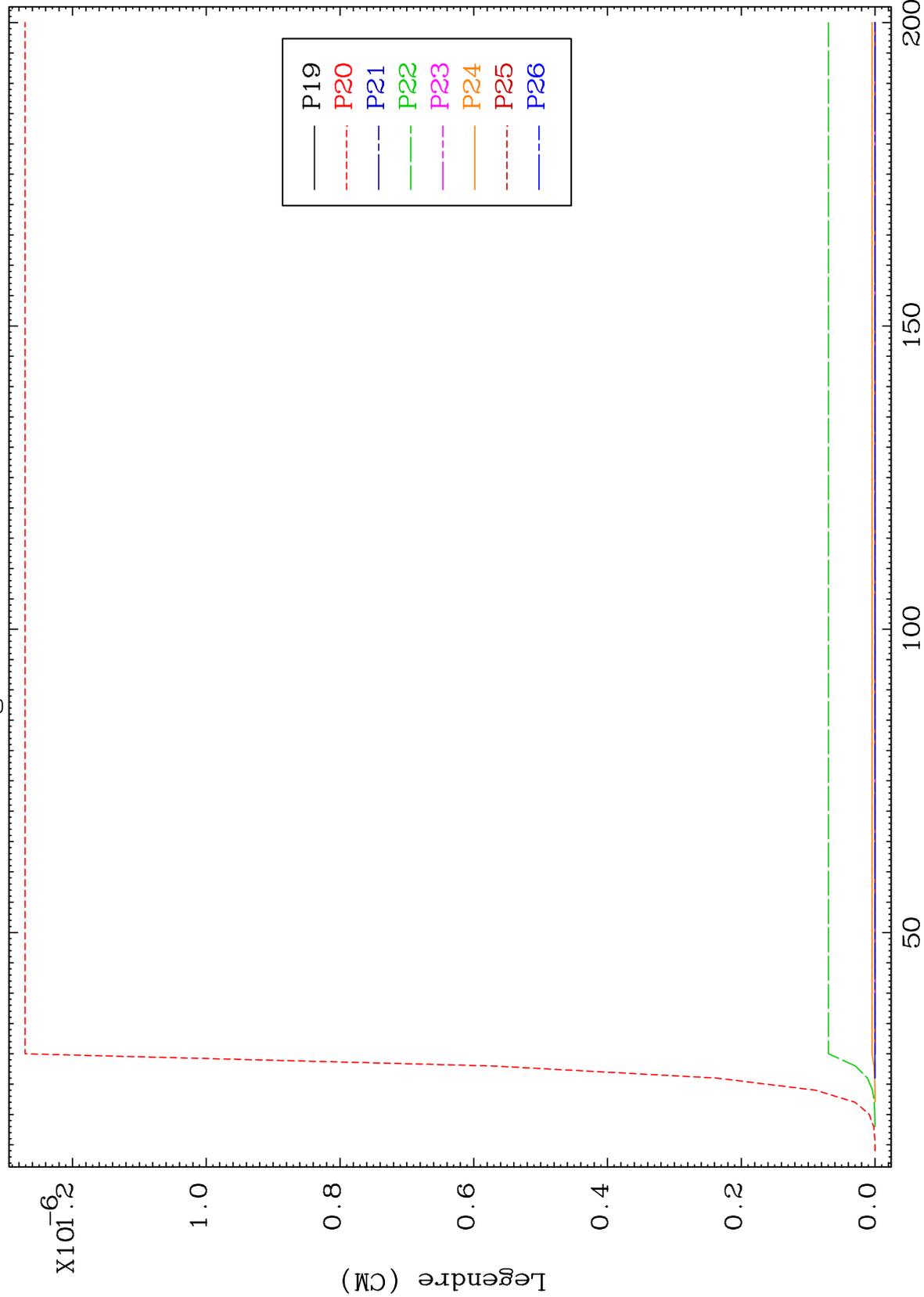
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



93

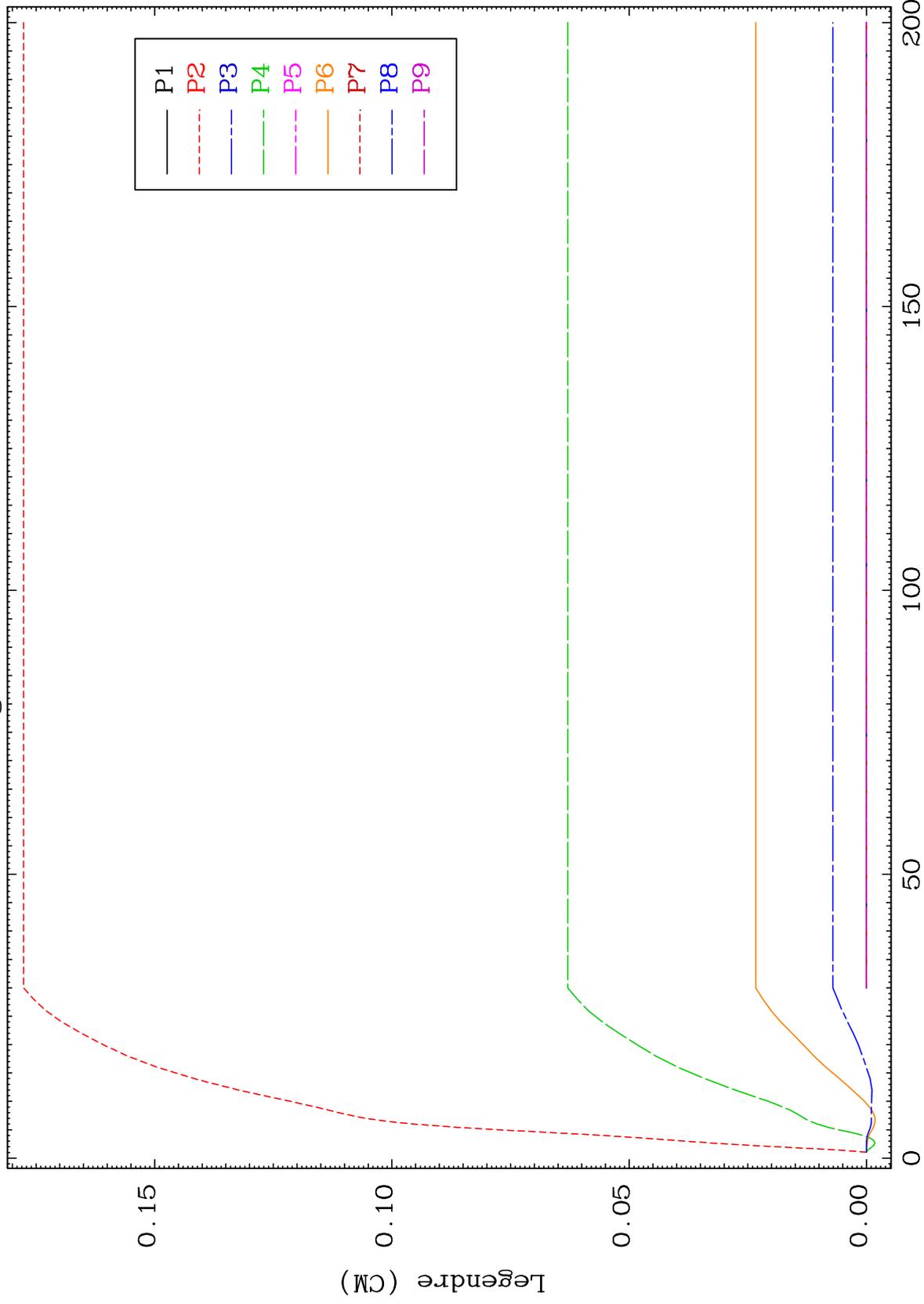
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



94

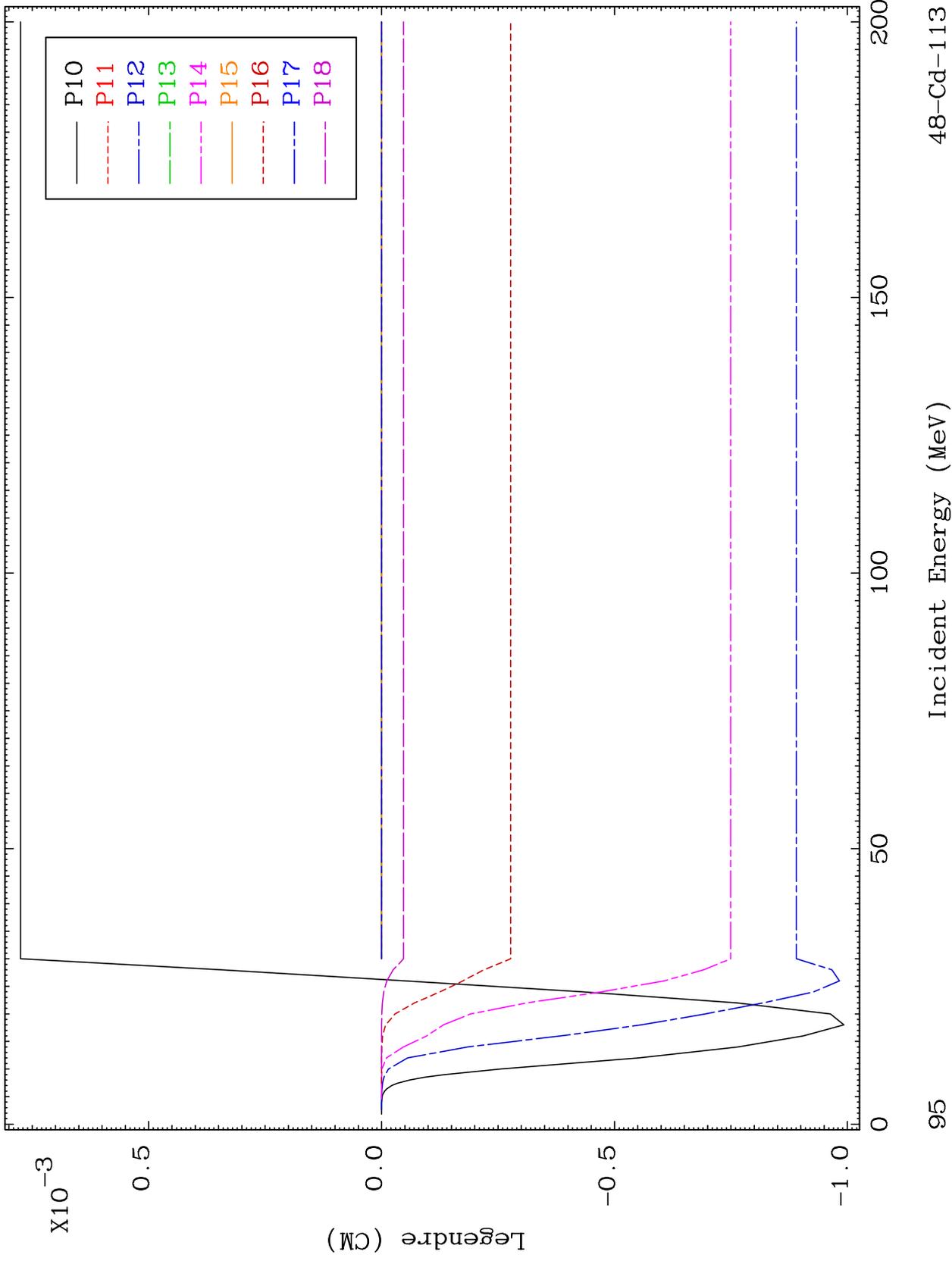
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

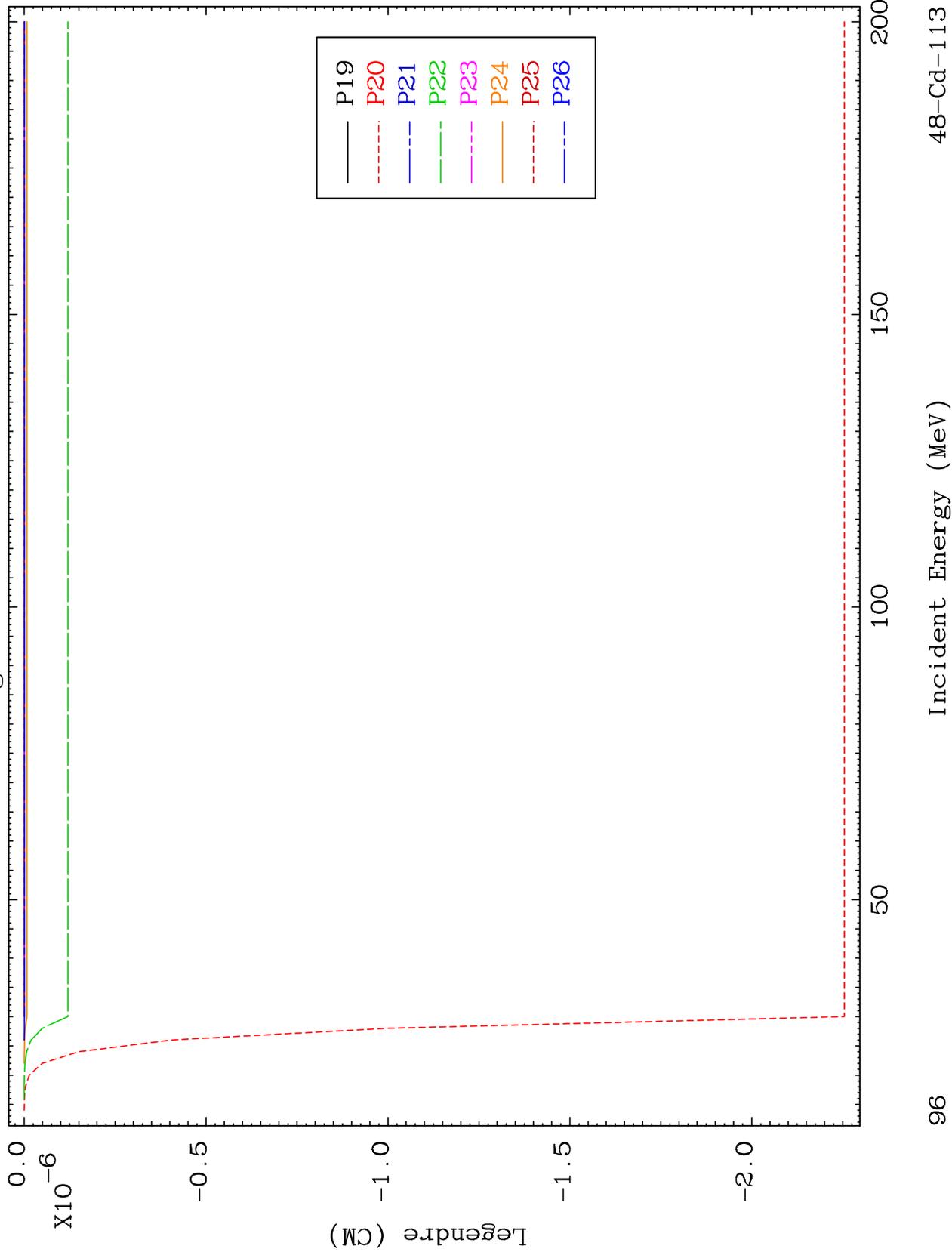
Incident Energy (MeV)

95

MAT 4846

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

48-Cd-113



96

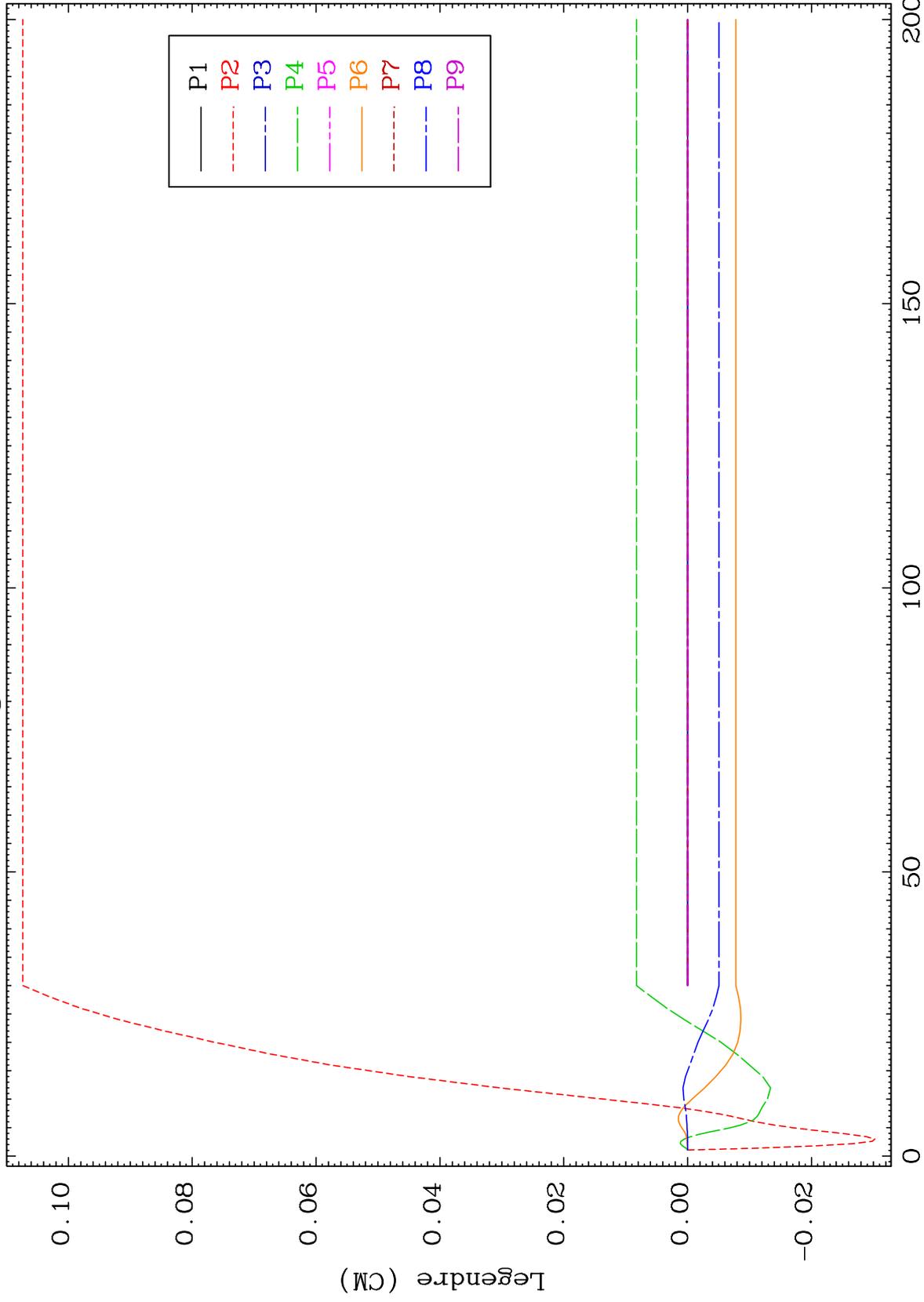
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

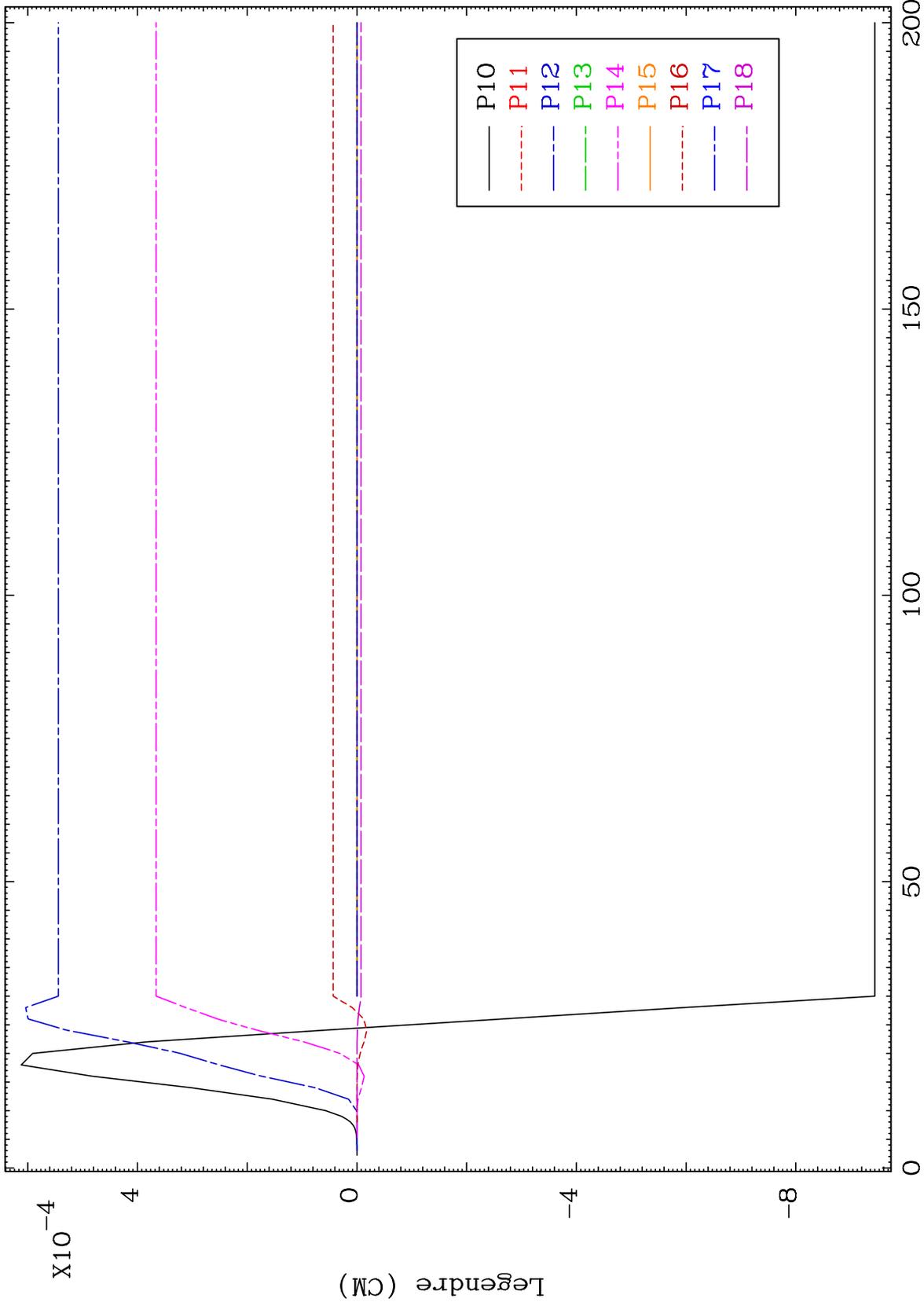
Incident Energy (MeV)

97

MAT 4846

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

48-Cd-113



98

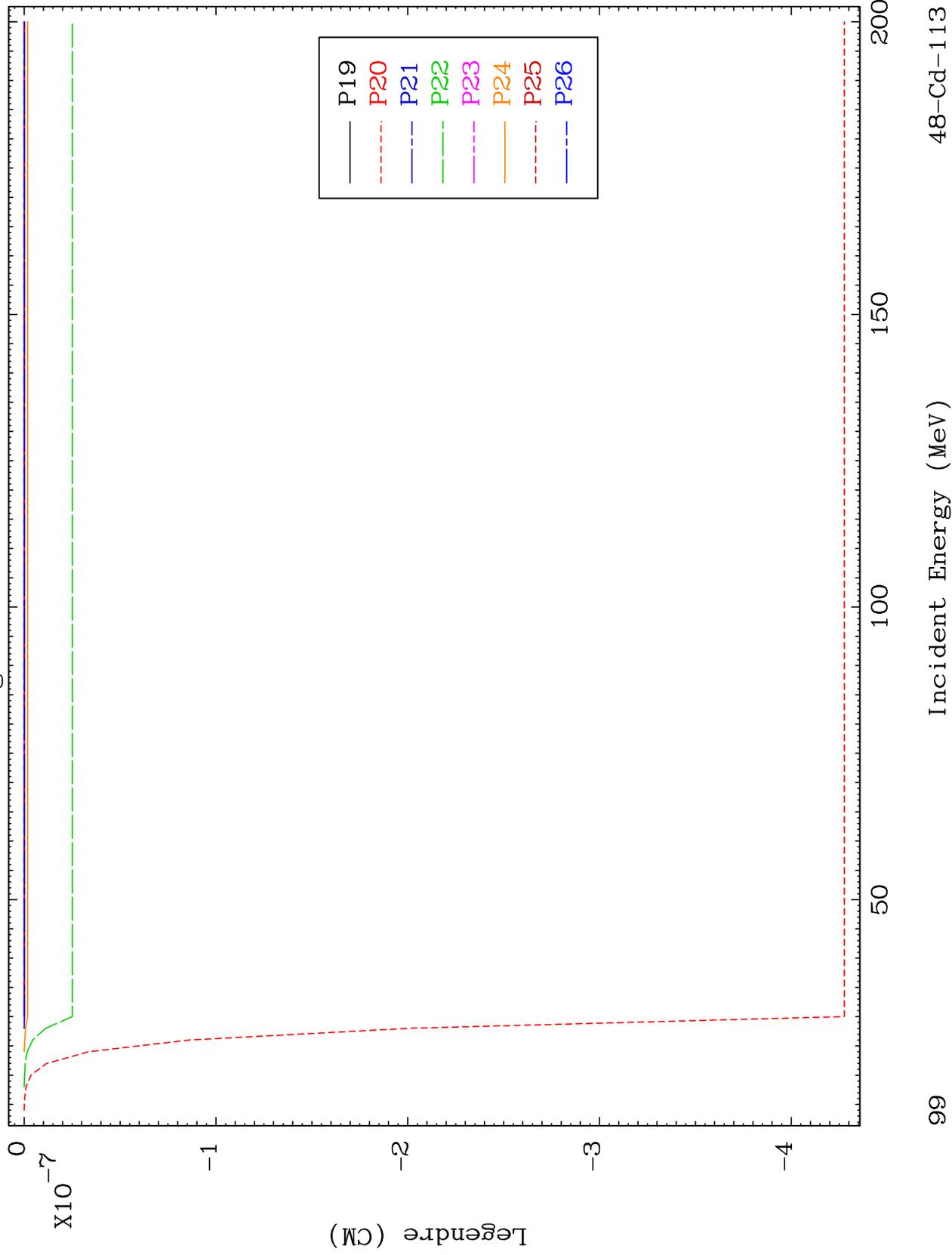
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



99

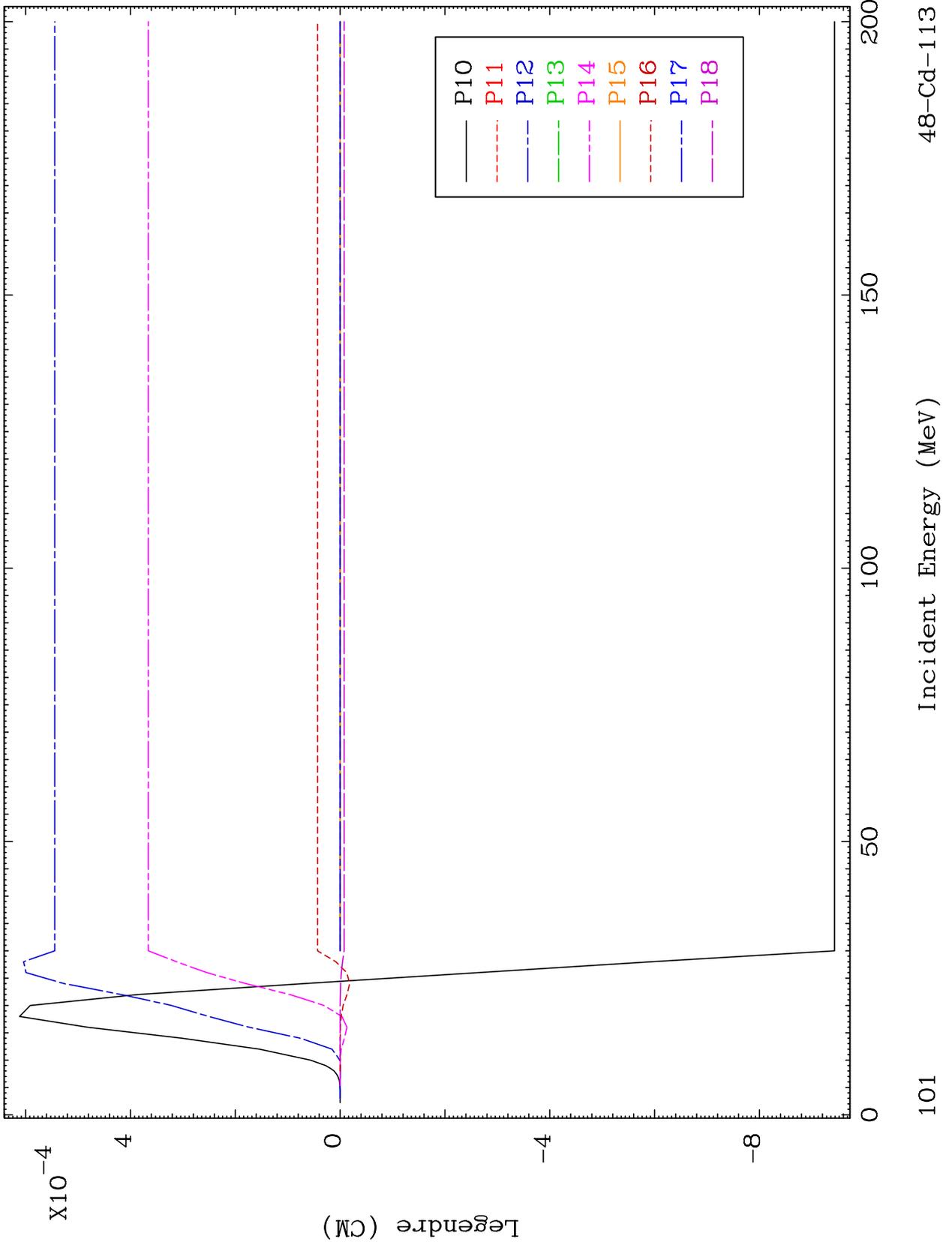
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

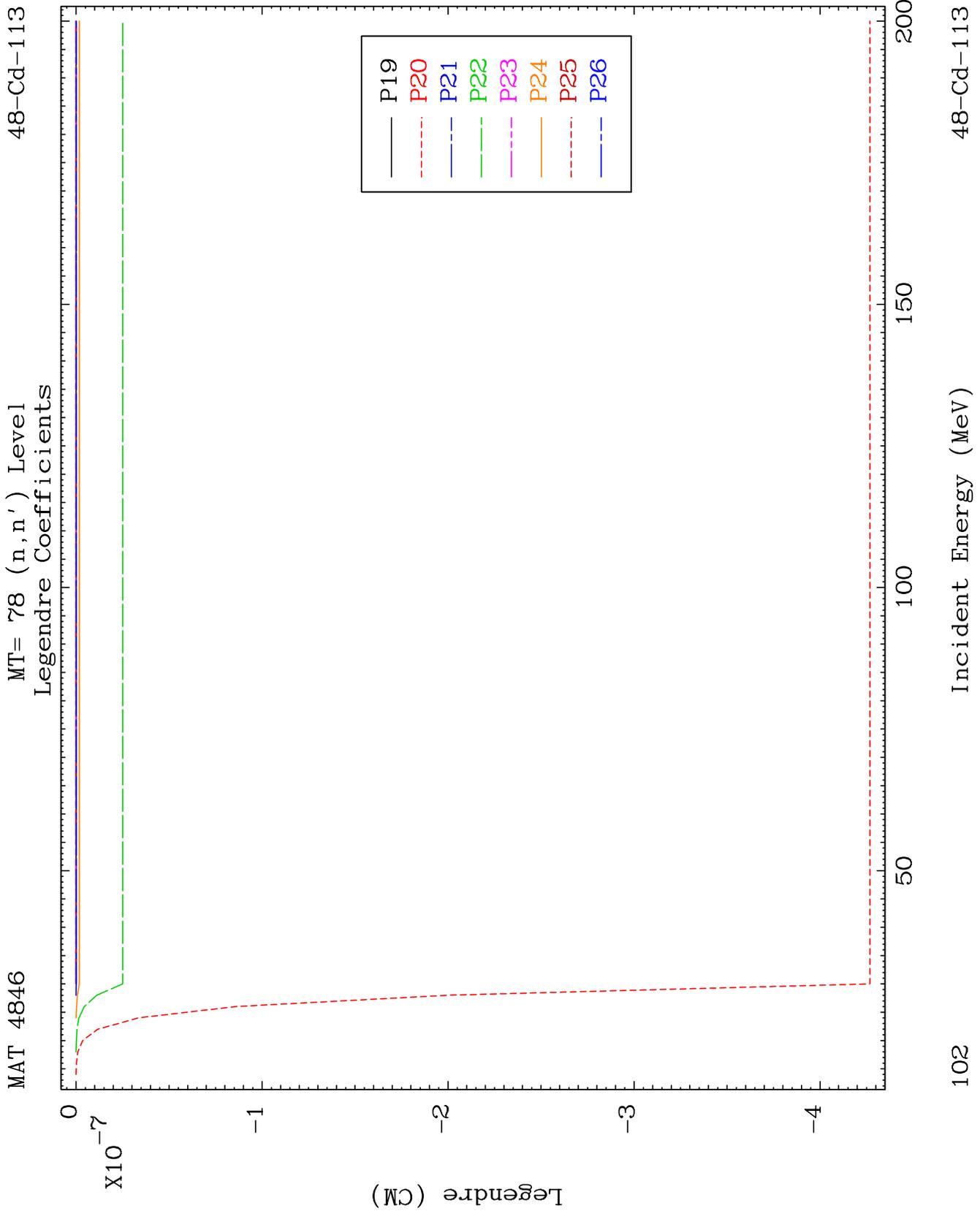
48-Cd-113



101

Incident Energy (MeV)

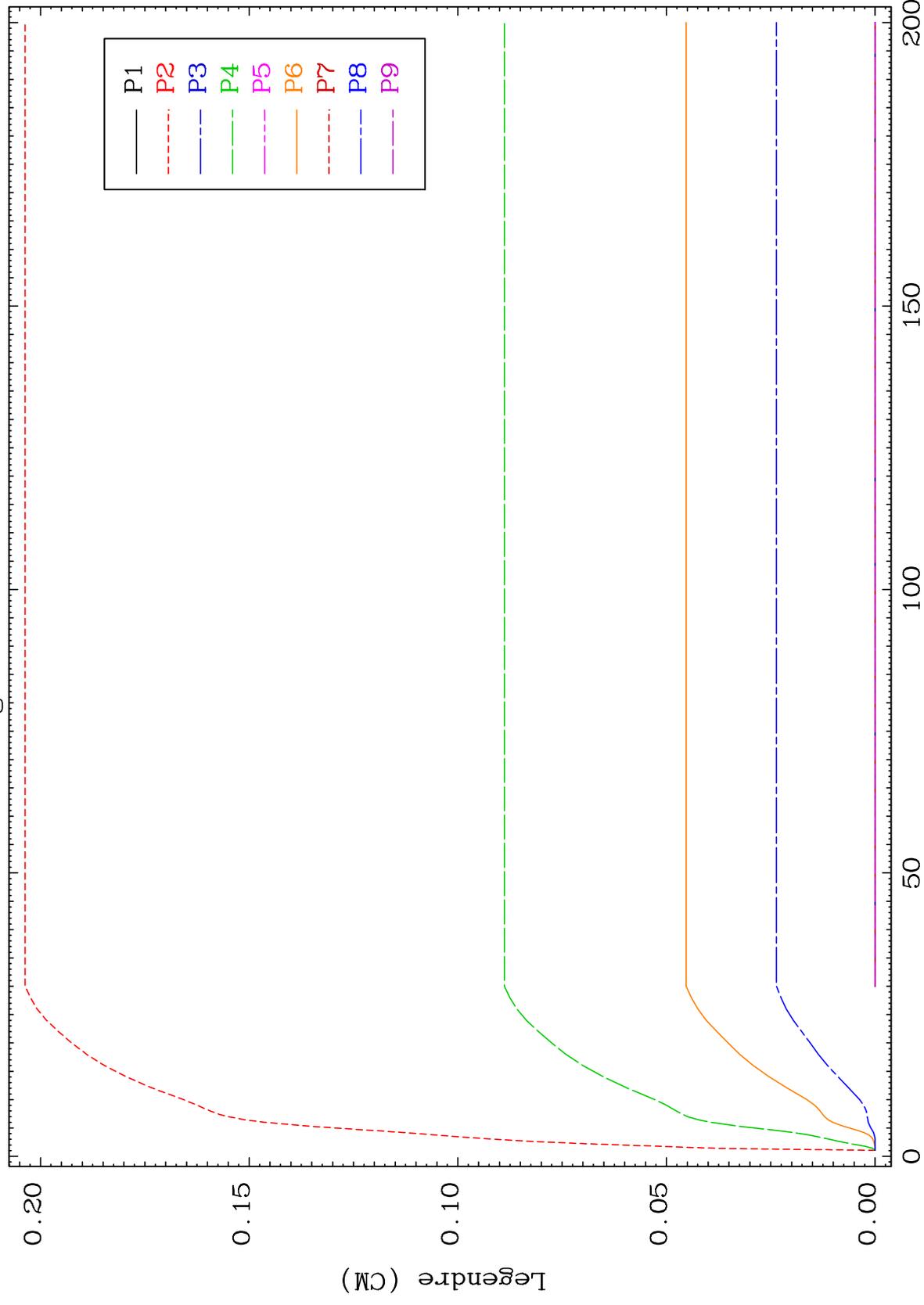
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

Incident Energy (MeV)

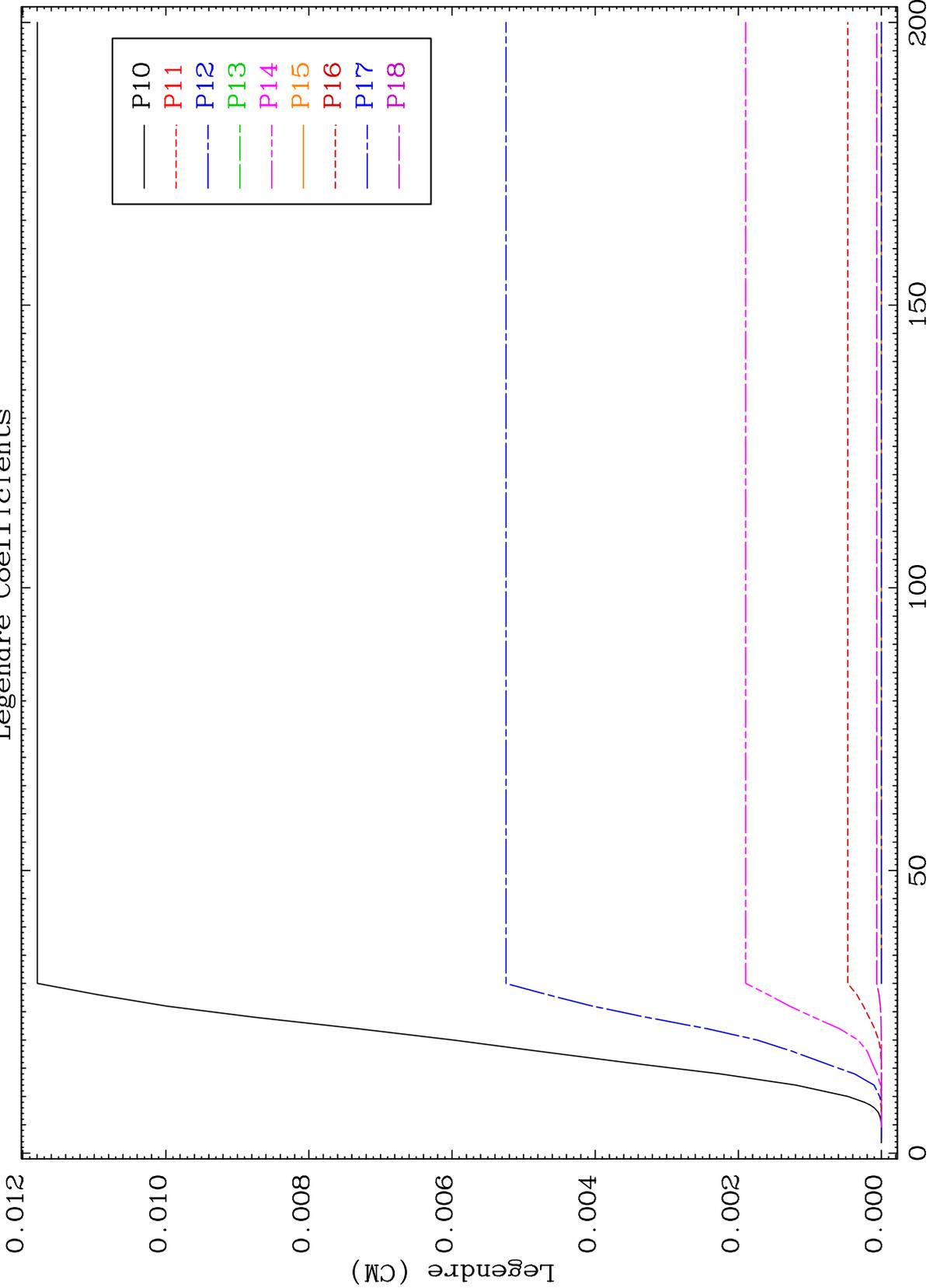
103

MAT 4846

MT= 79 (n,n') Level

48-Cd-113

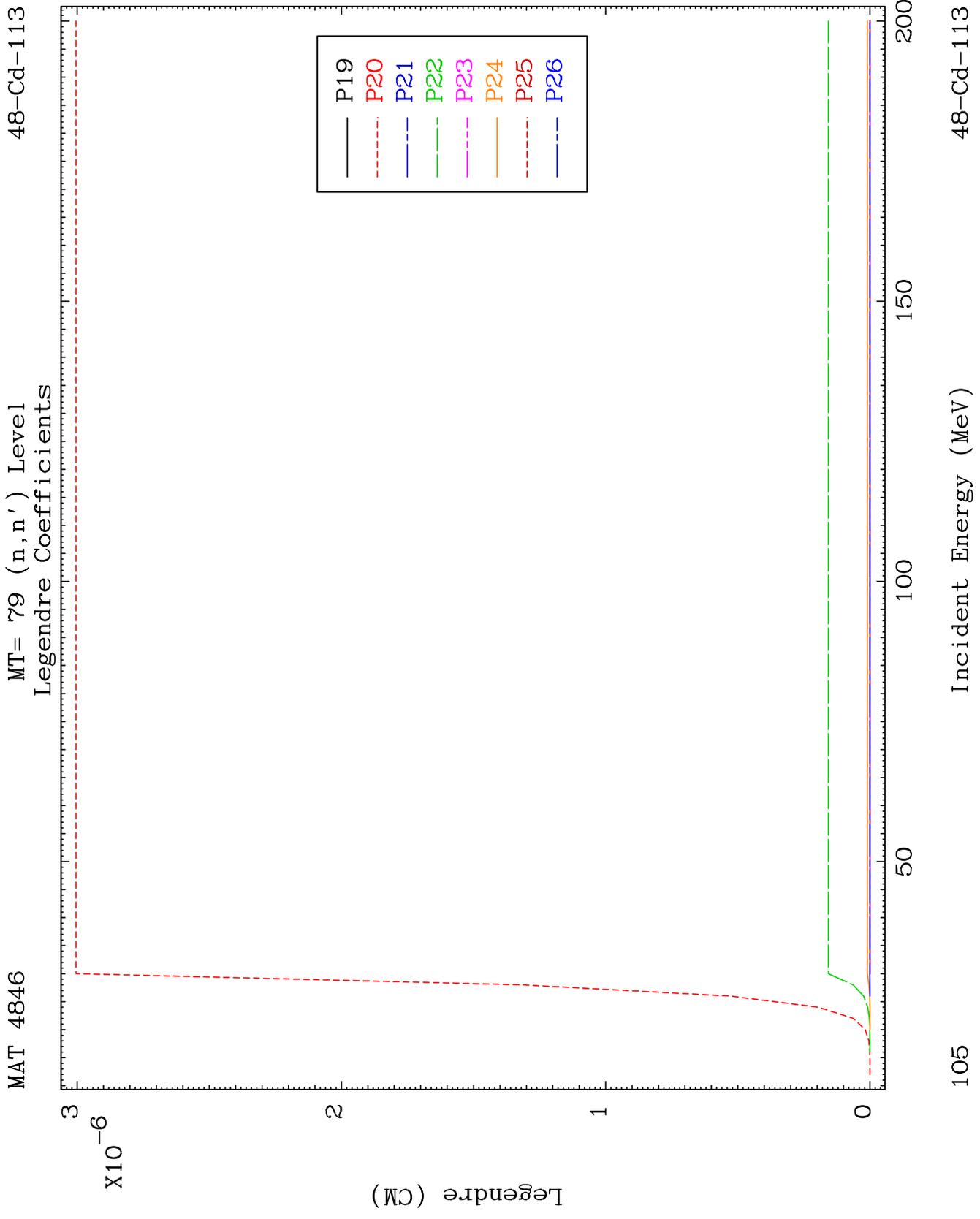
Legendre Coefficients

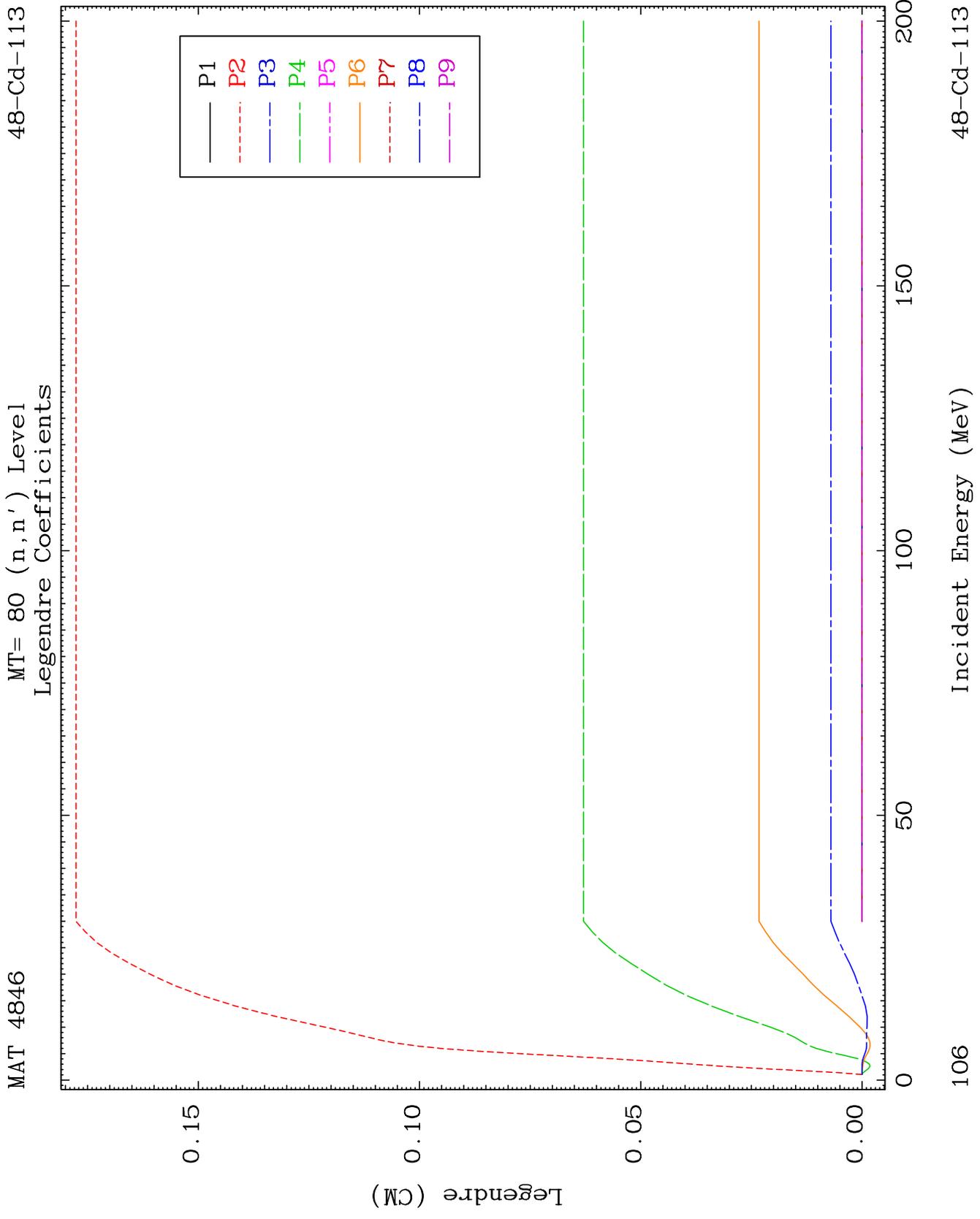


104

Incident Energy (MeV)

48-Cd-113

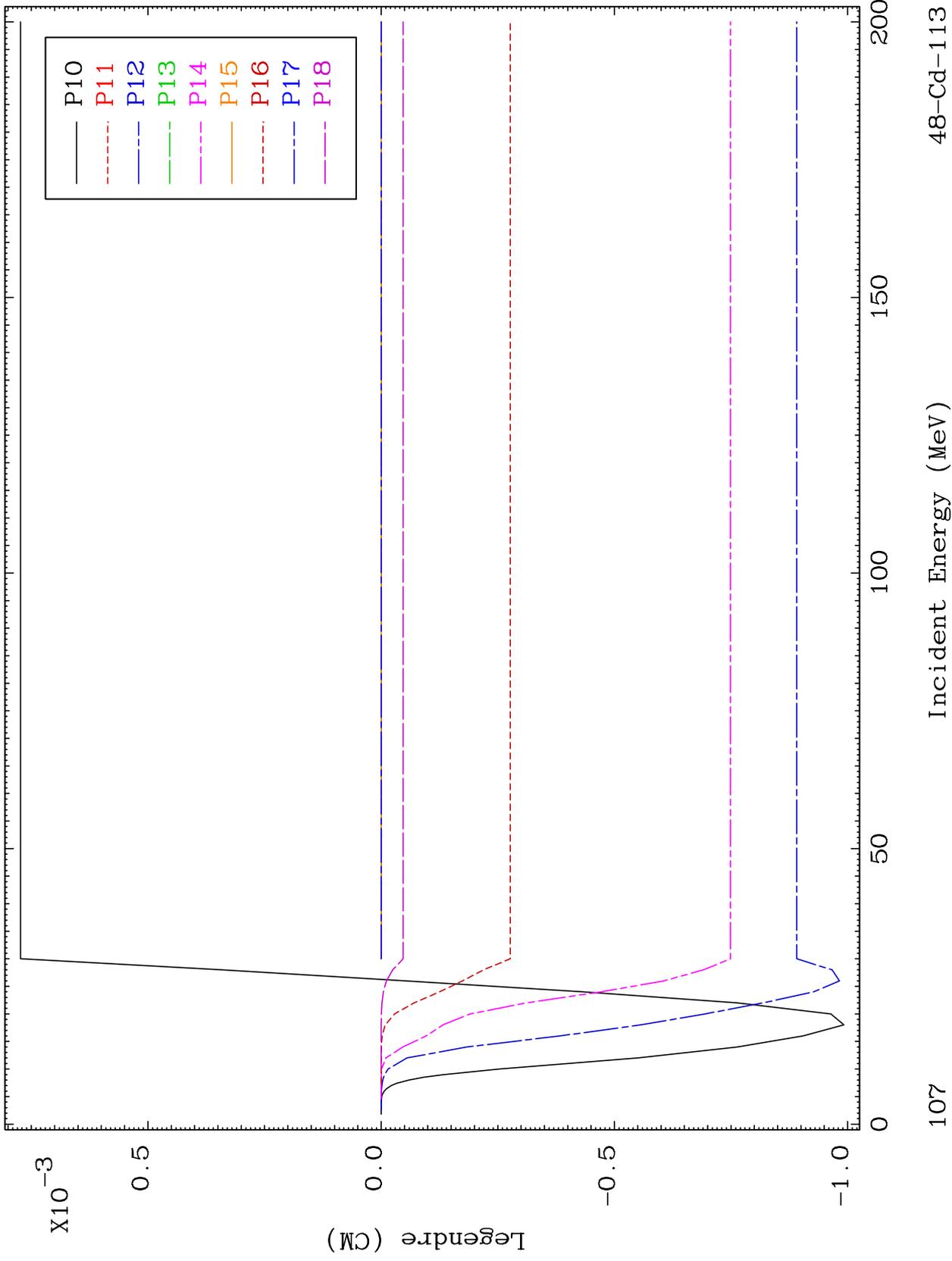




MAT 4846

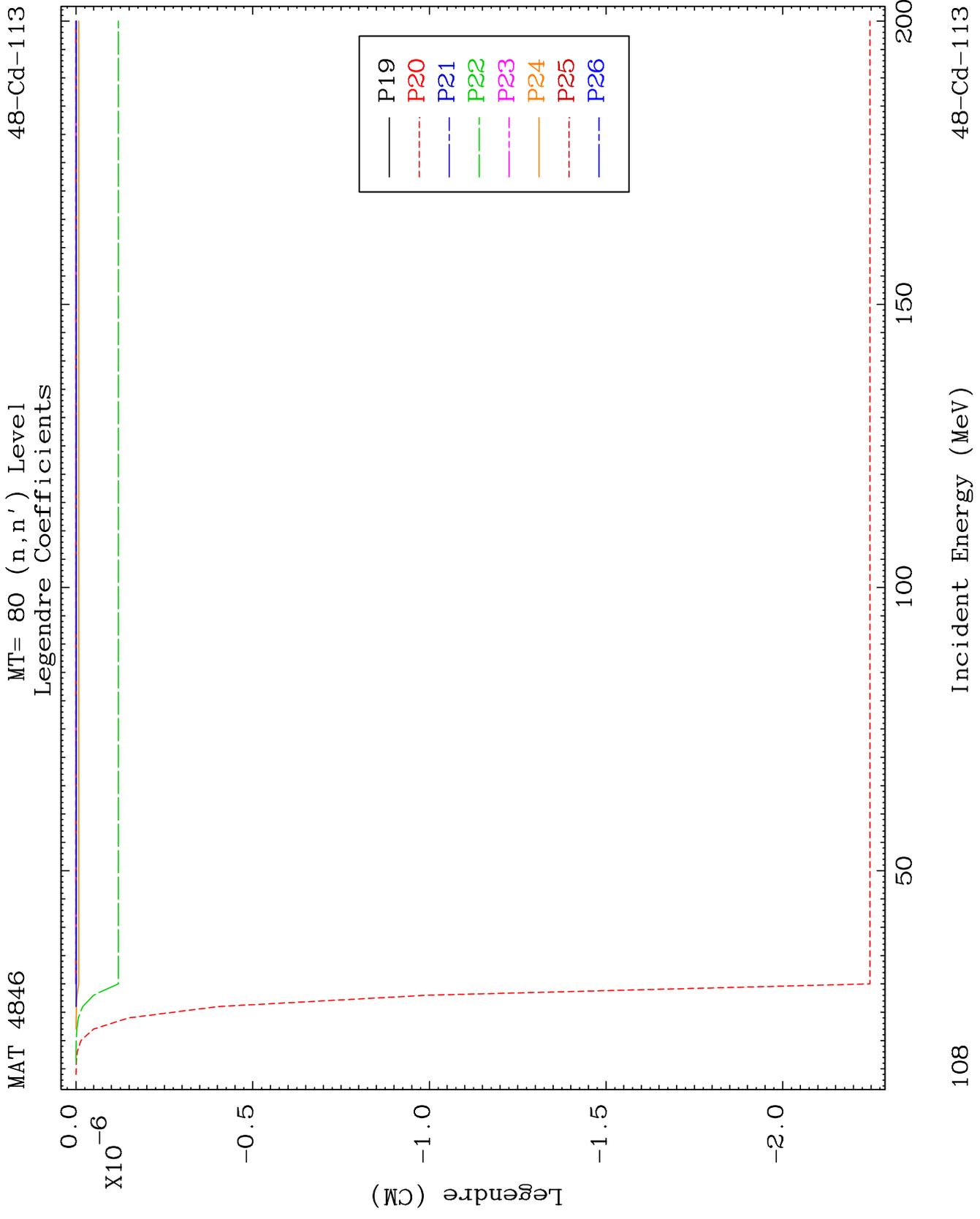
MT= 80 (n,n') Level
Legendre Coefficients

48-Cd-113



107

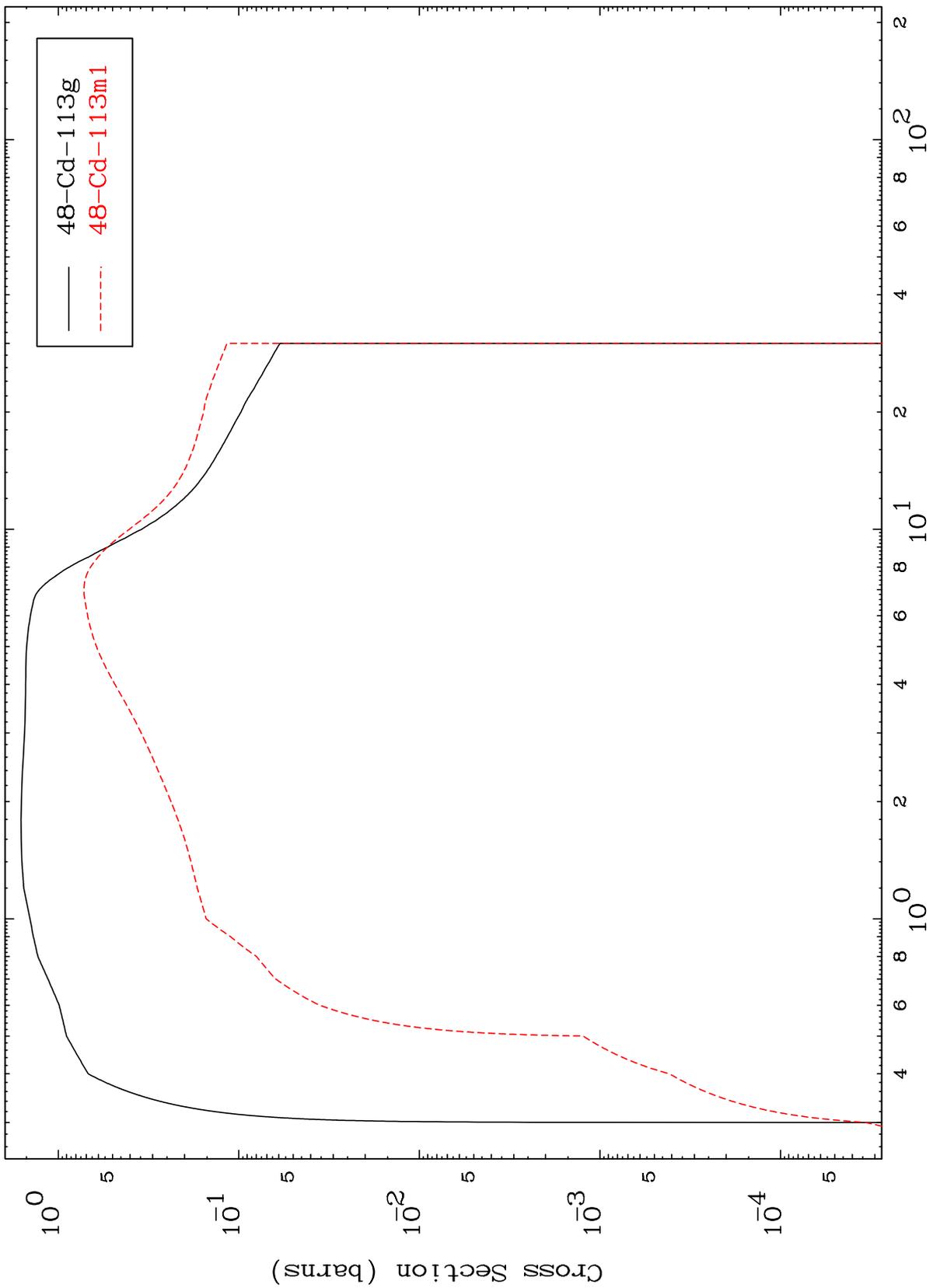
48-Cd-113



MAT 4846

48-Cd-113

Inelastic
Radionuclide Production Cross Section



109

Incident Energy (MeV)

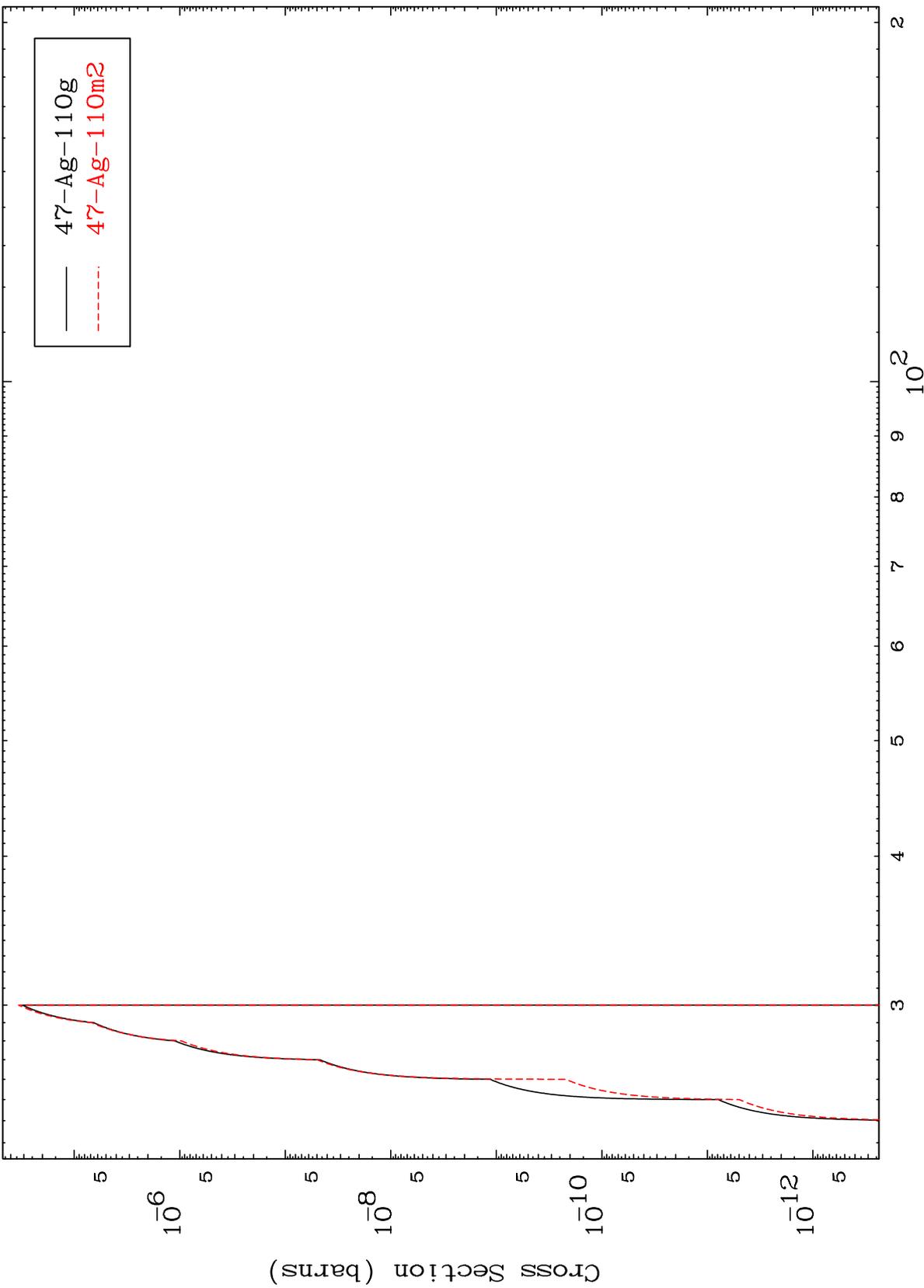
48-Cd-113

MAT 4846

(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



110

Incident Energy (MeV)

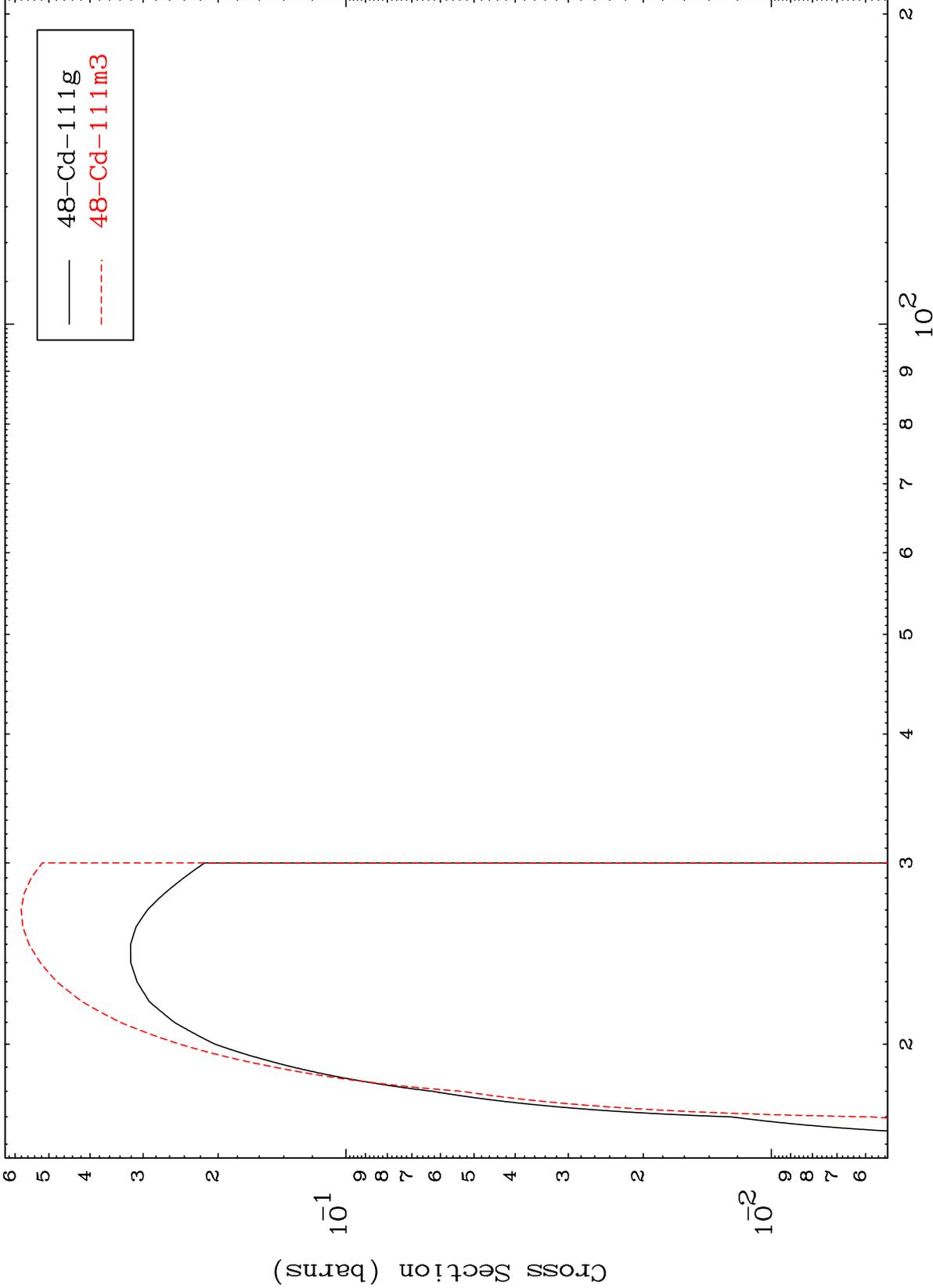
48-Cd-113

MAT 4846

(n,3n)

48-Cd-113

Radionuclide Production Cross Section



111

Incident Energy (MeV)

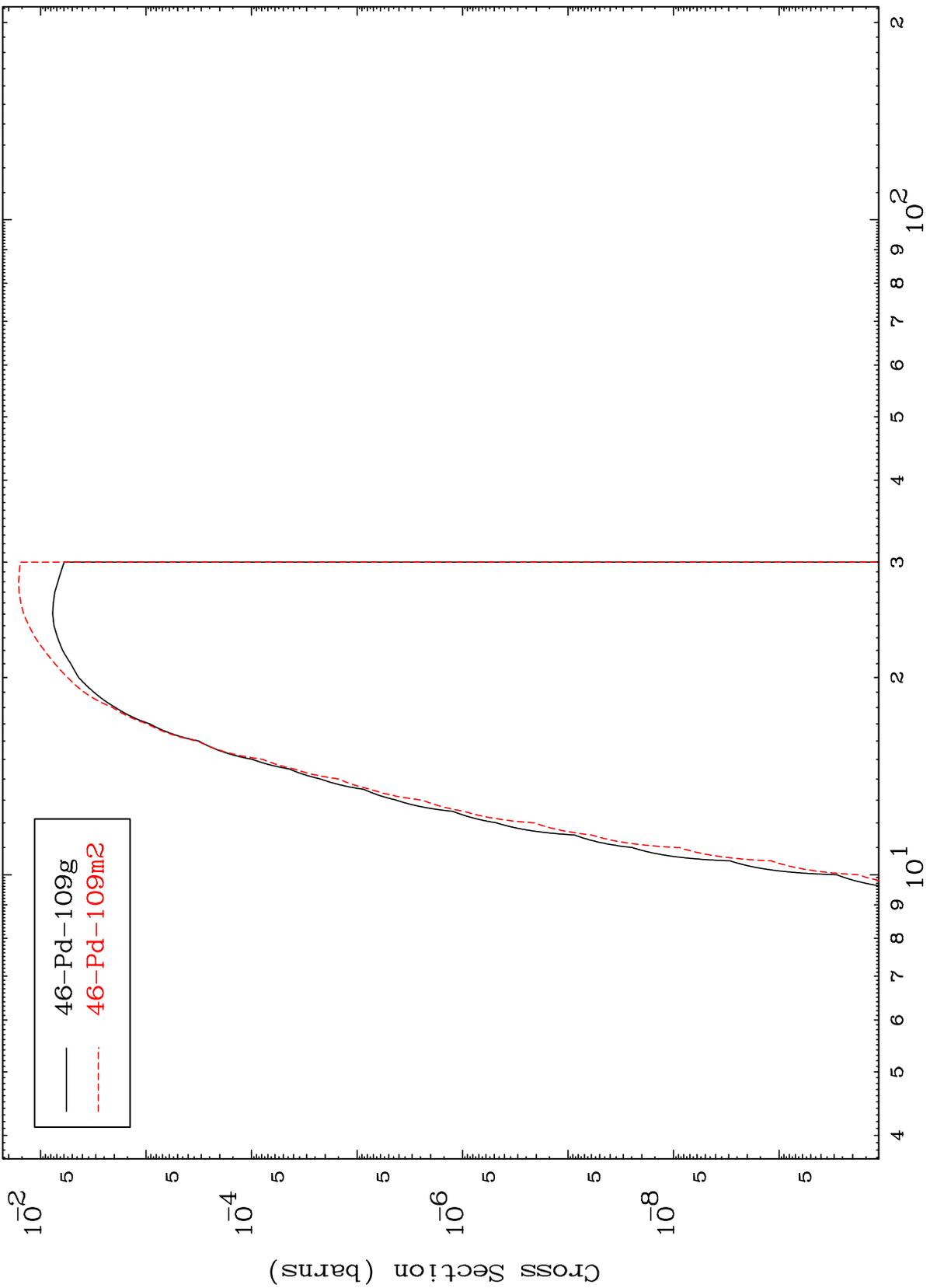
48-Cd-113

MAT 4846

48-Cd-113

(n,n') α

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

112

Incident Energy (MeV)

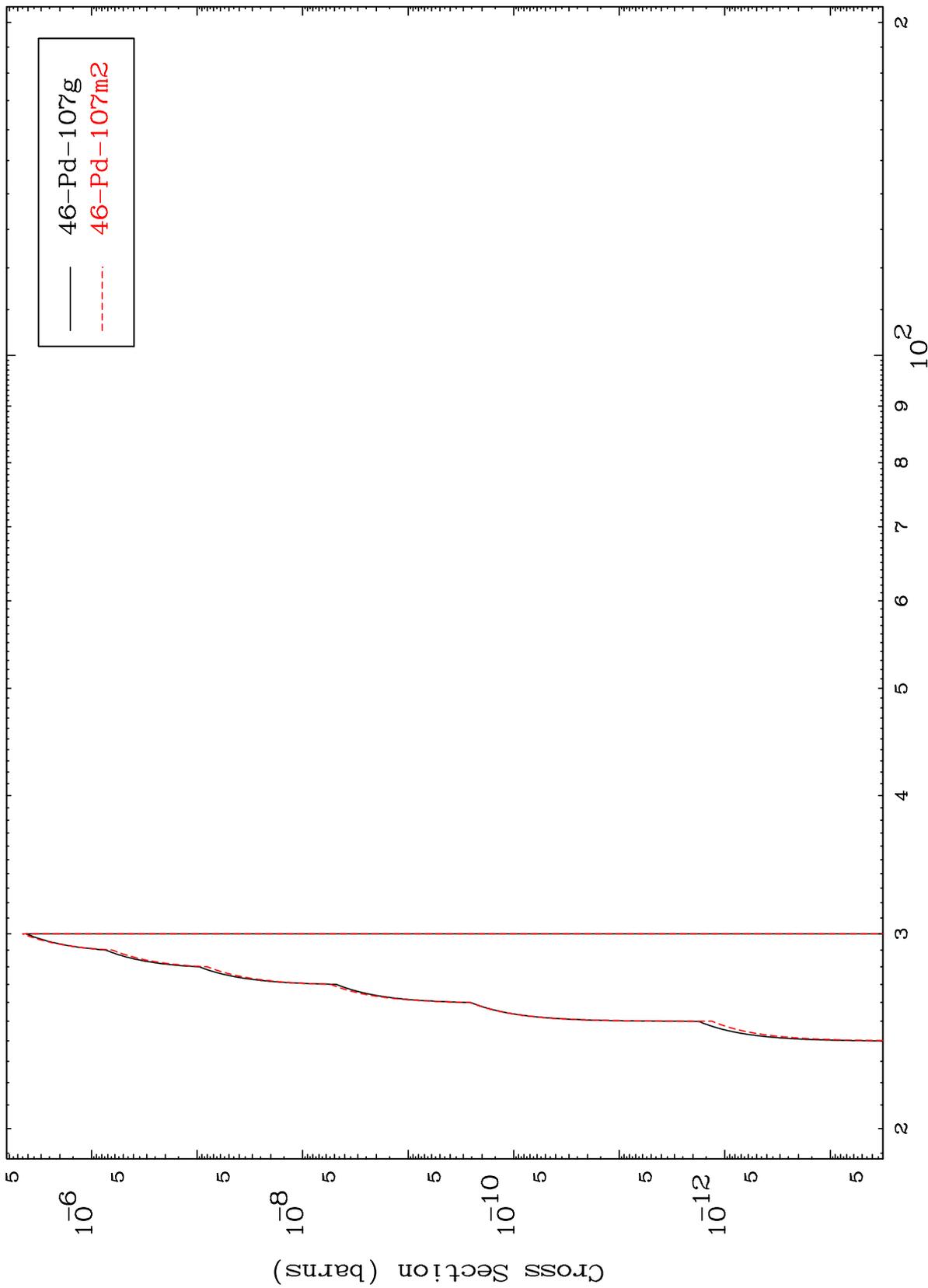
48-Cd-113

MAT 4846

(n,3n) α

48-Cd-113

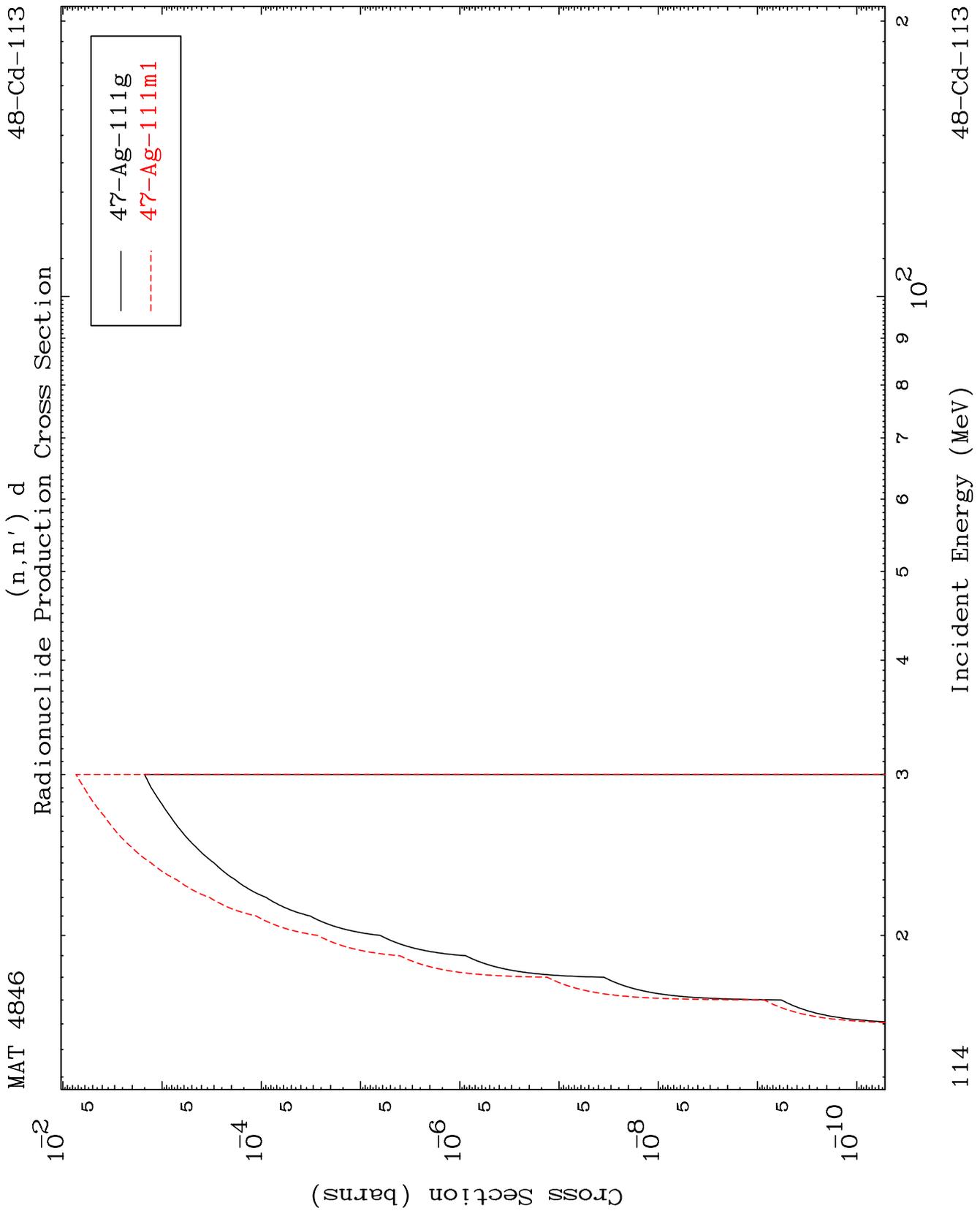
Radionuclide Production Cross Section



113

Incident Energy (MeV)

48-Cd-113

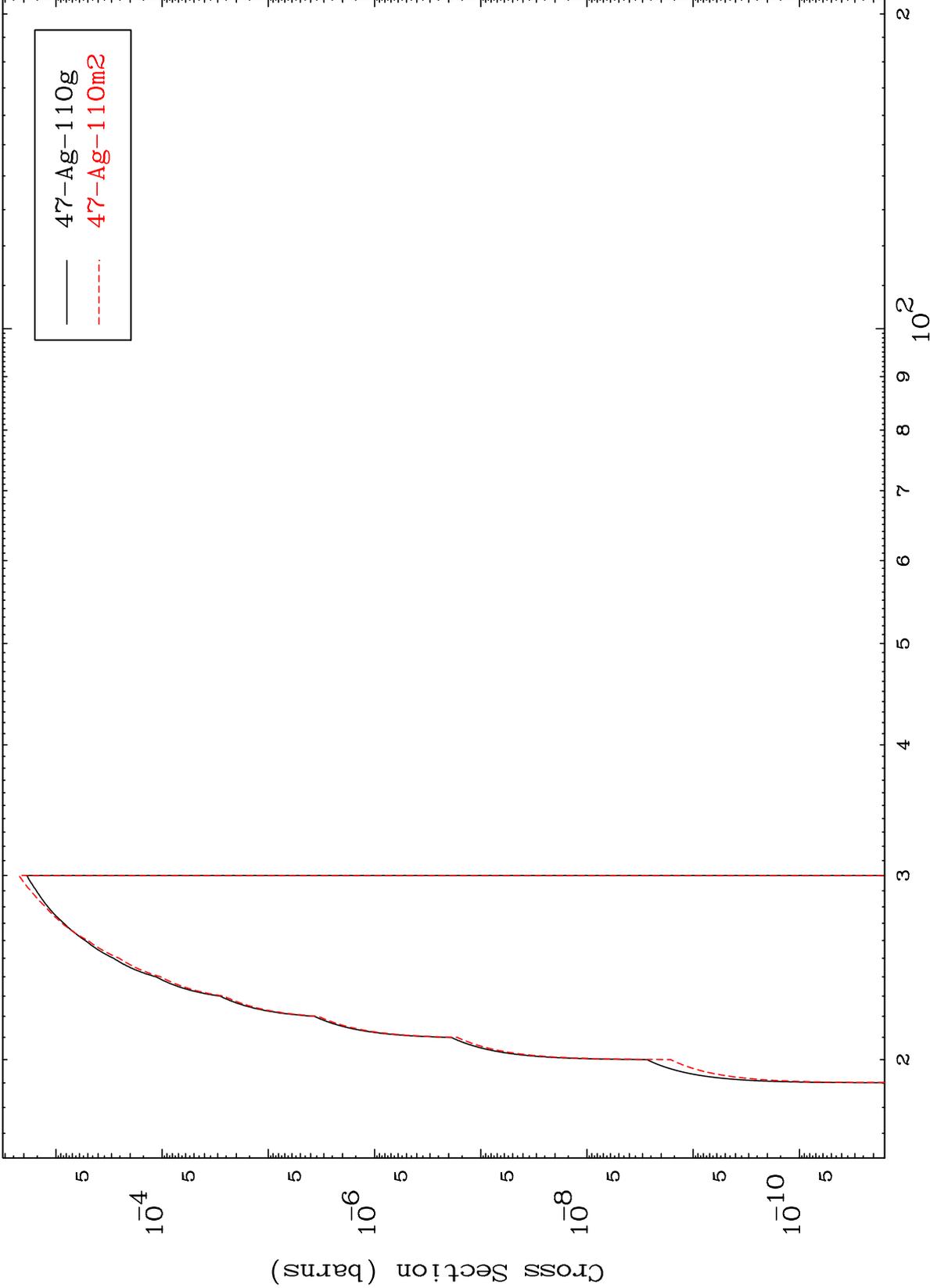


MAT 4846

(n,n') t

48-Cd-113

Radionuclide Production Cross Section



115

Incident Energy (MeV)

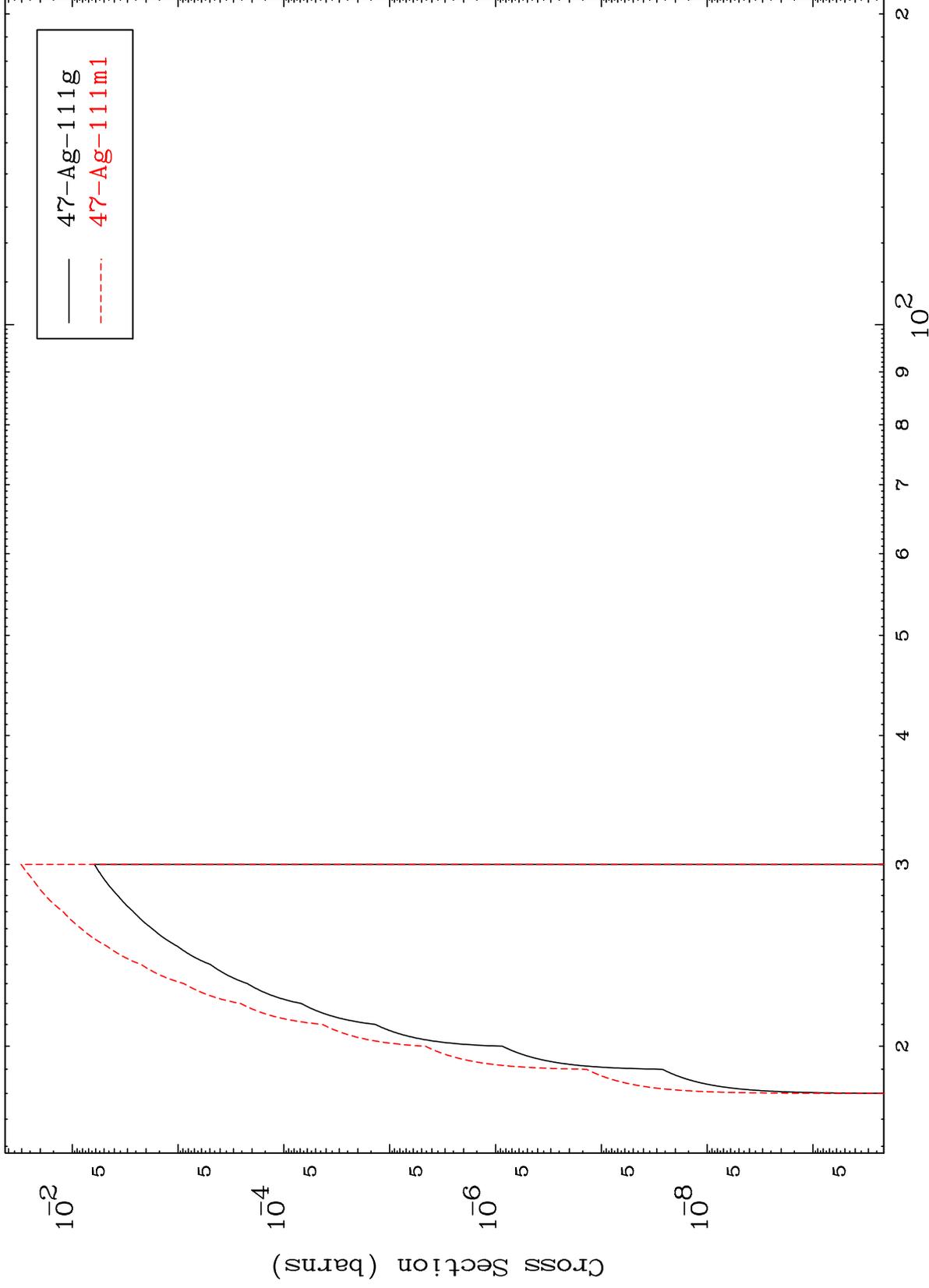
48-Cd-113

MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section

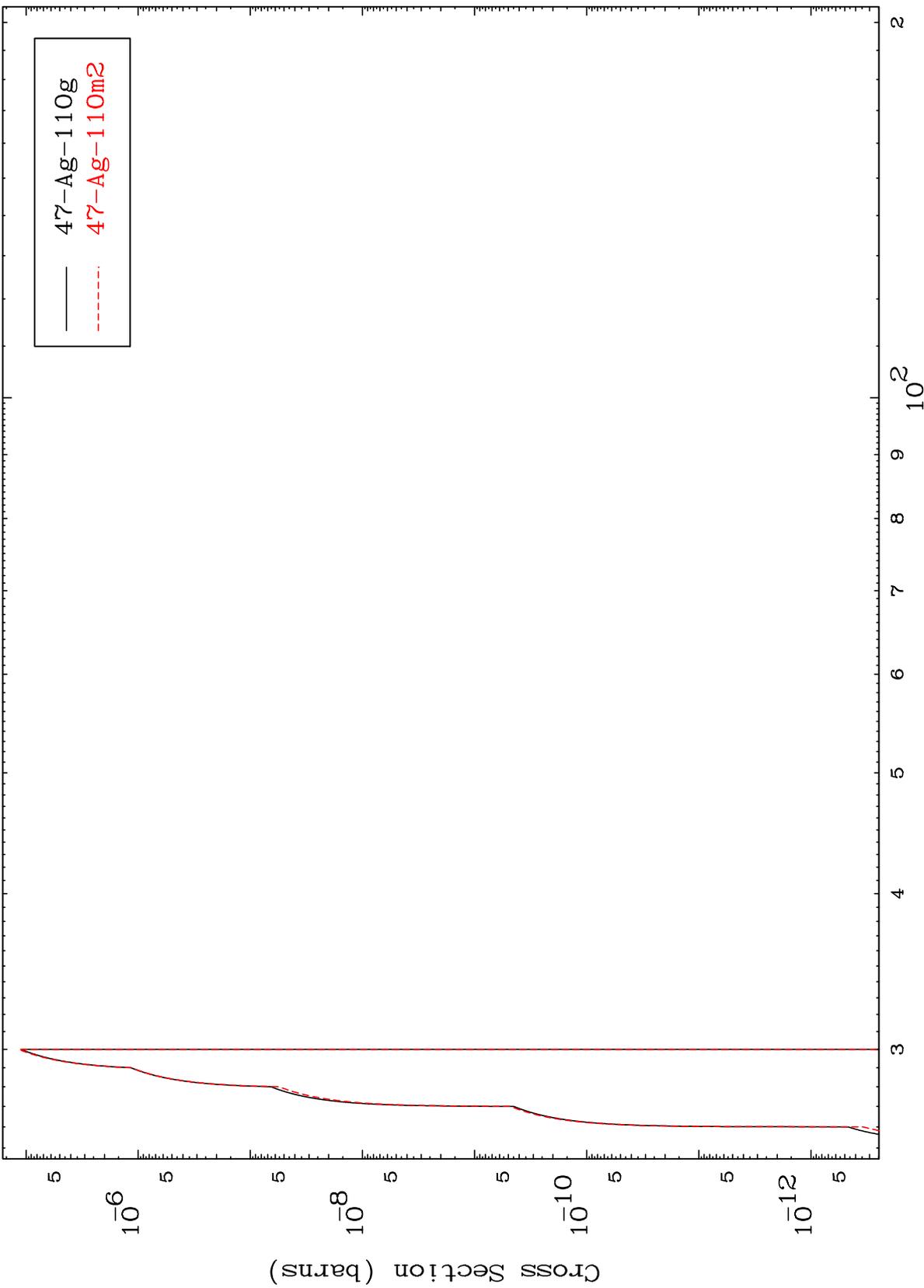


116

Incident Energy (MeV)

48-Cd-113

Radionuclide Production Cross Section

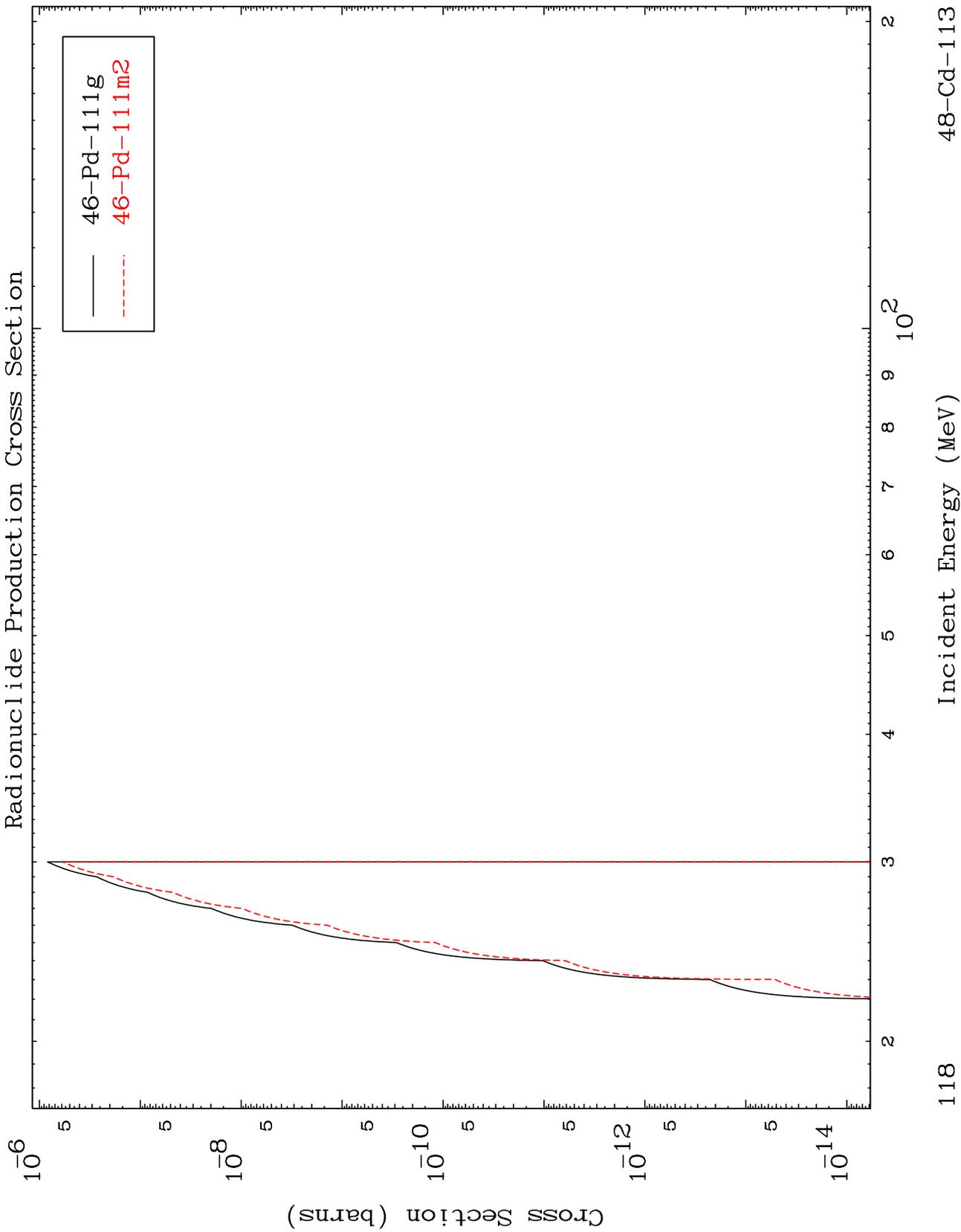


MAT 4846

(n,2n) p

48-Cd-113

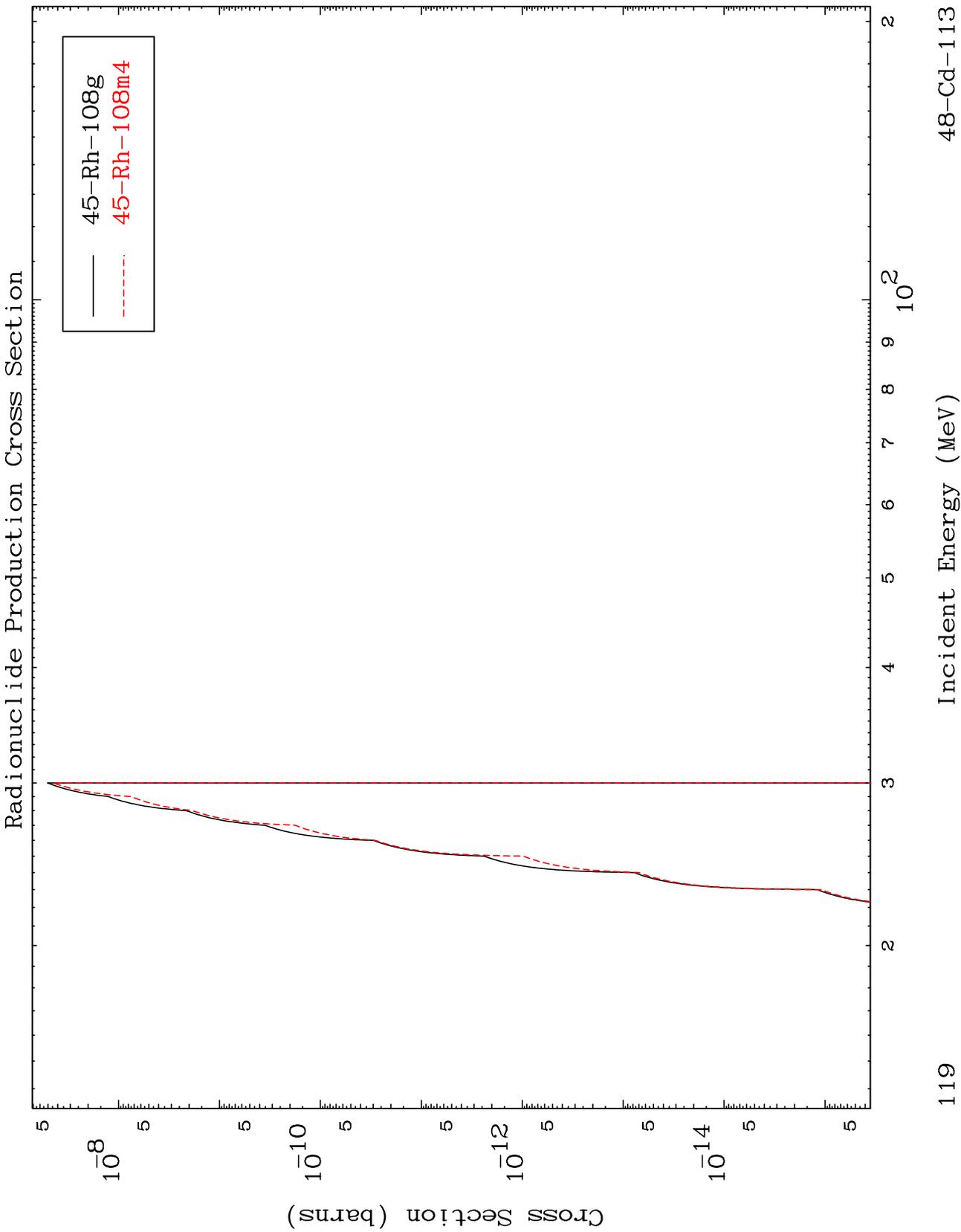
Radionuclide Production Cross Section



118

Incident Energy (MeV)

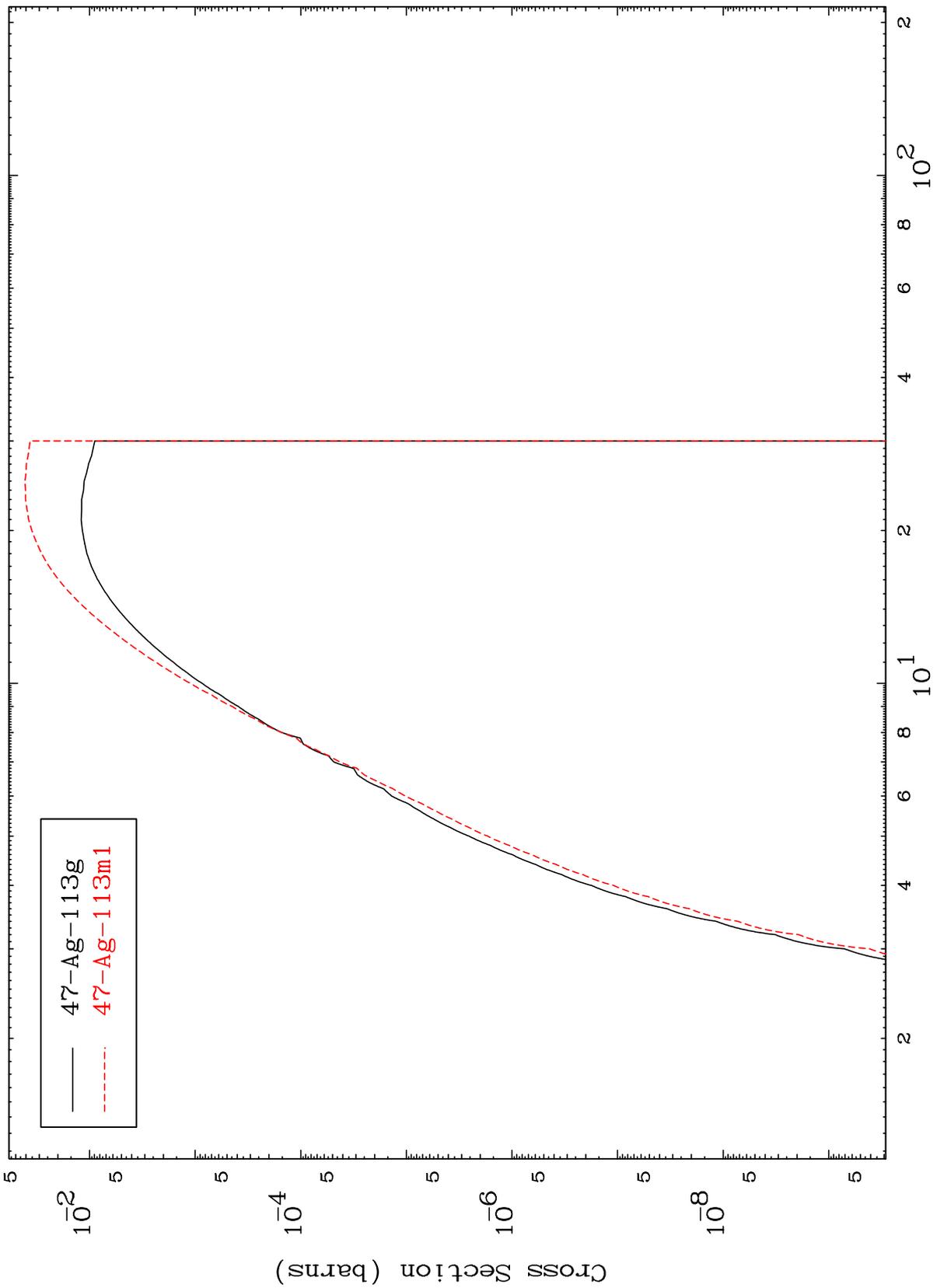
48-Cd-113



MAT 4846

48-Cd-113

(n,p)
Radionuclide Production Cross Section



120

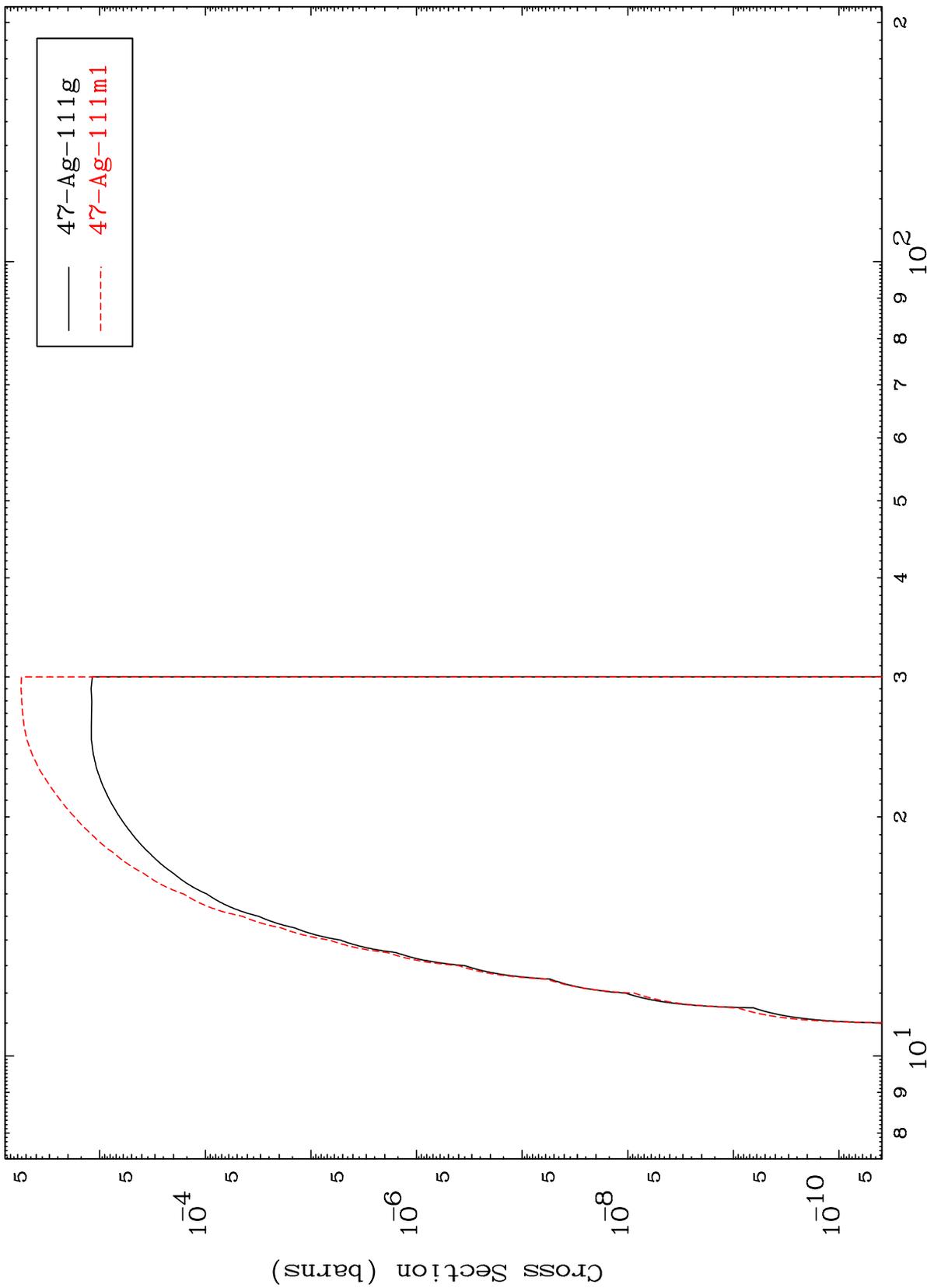
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,t)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

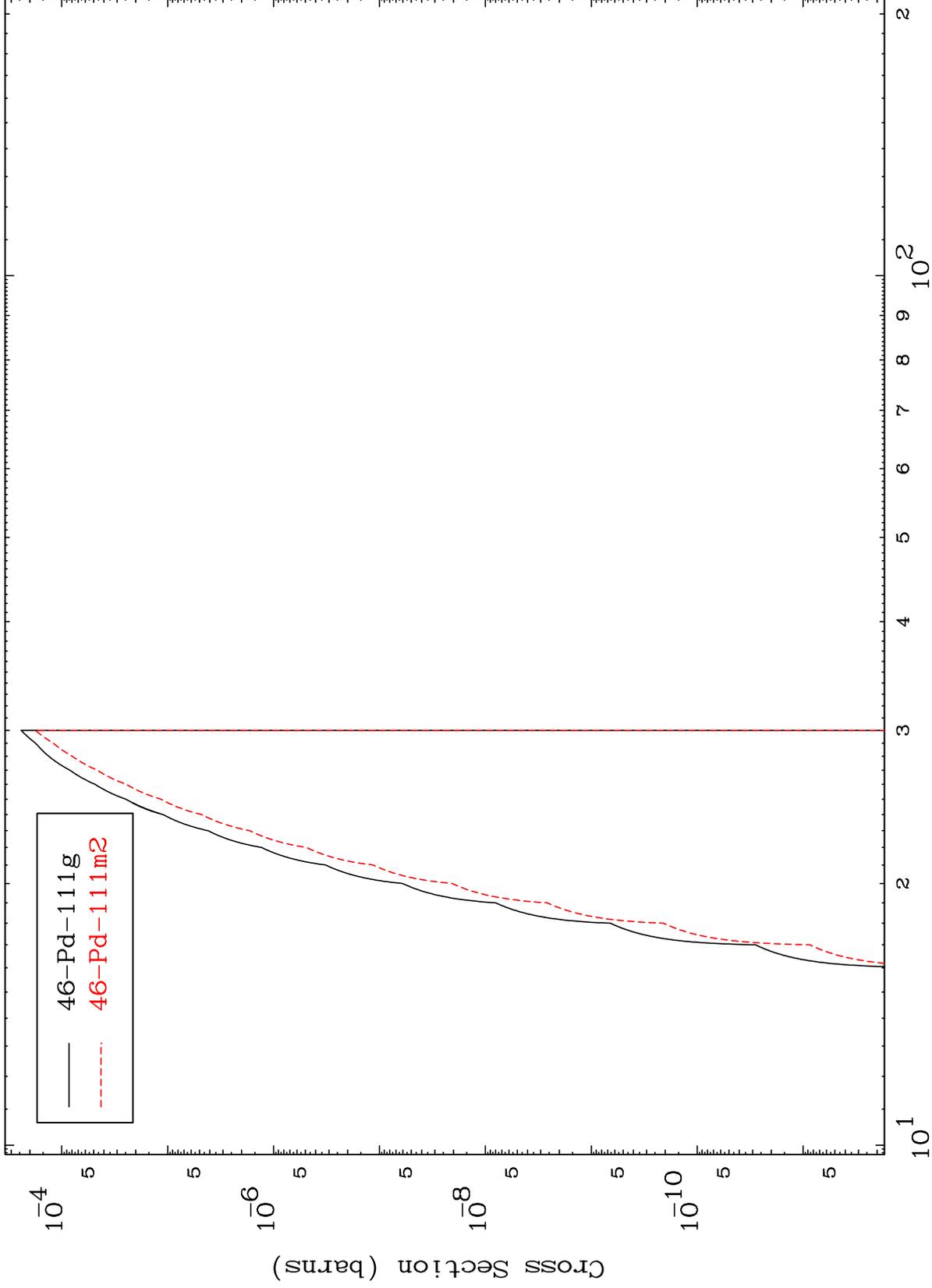
48-Cd-113

MAT 4846

(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-113

122

Radionuclide Production Cross Section

