

Program EVALPLOT  
(Version 2021-1)

by

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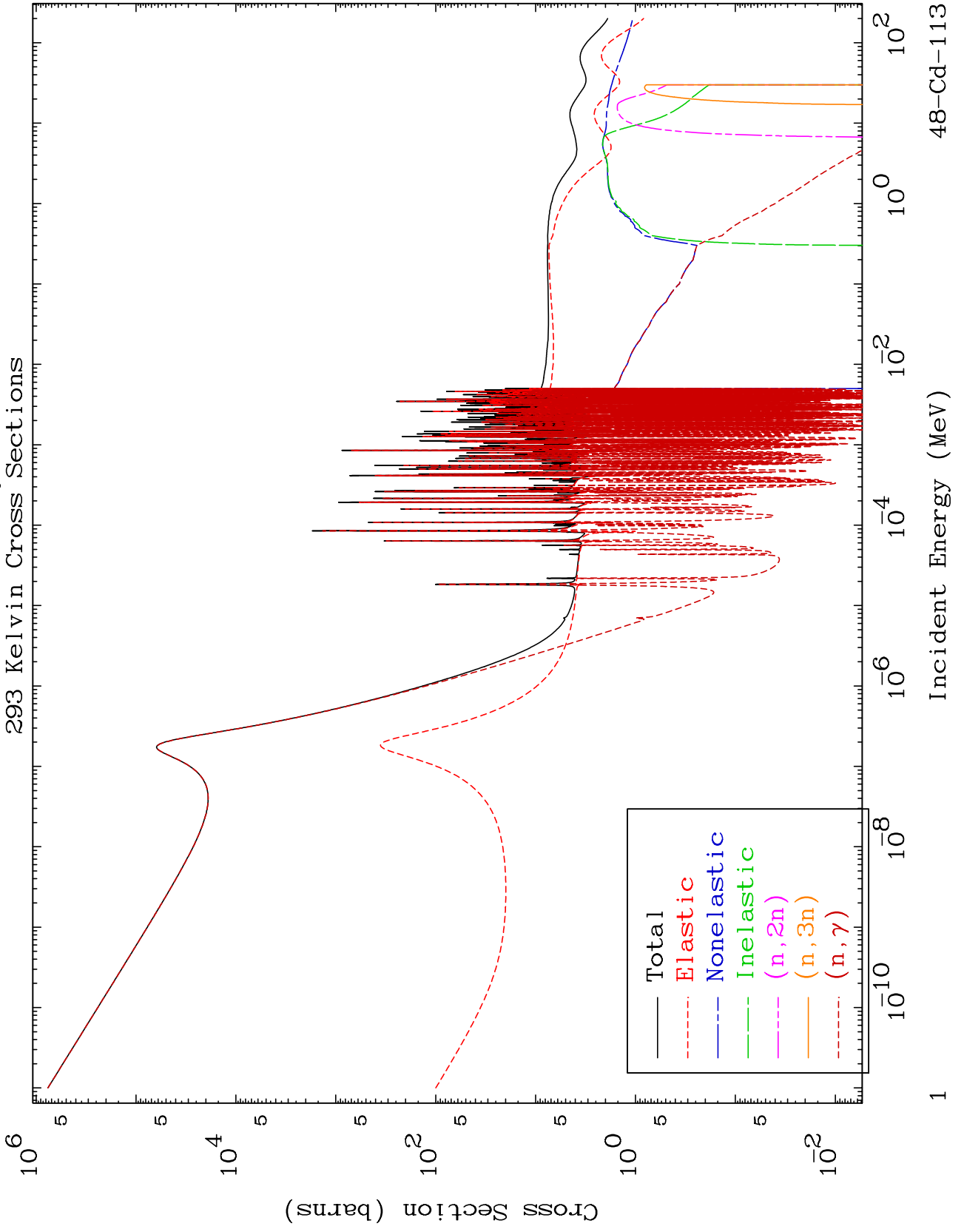
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4846

Neutron Major  
293 Kelvin Cross Sections

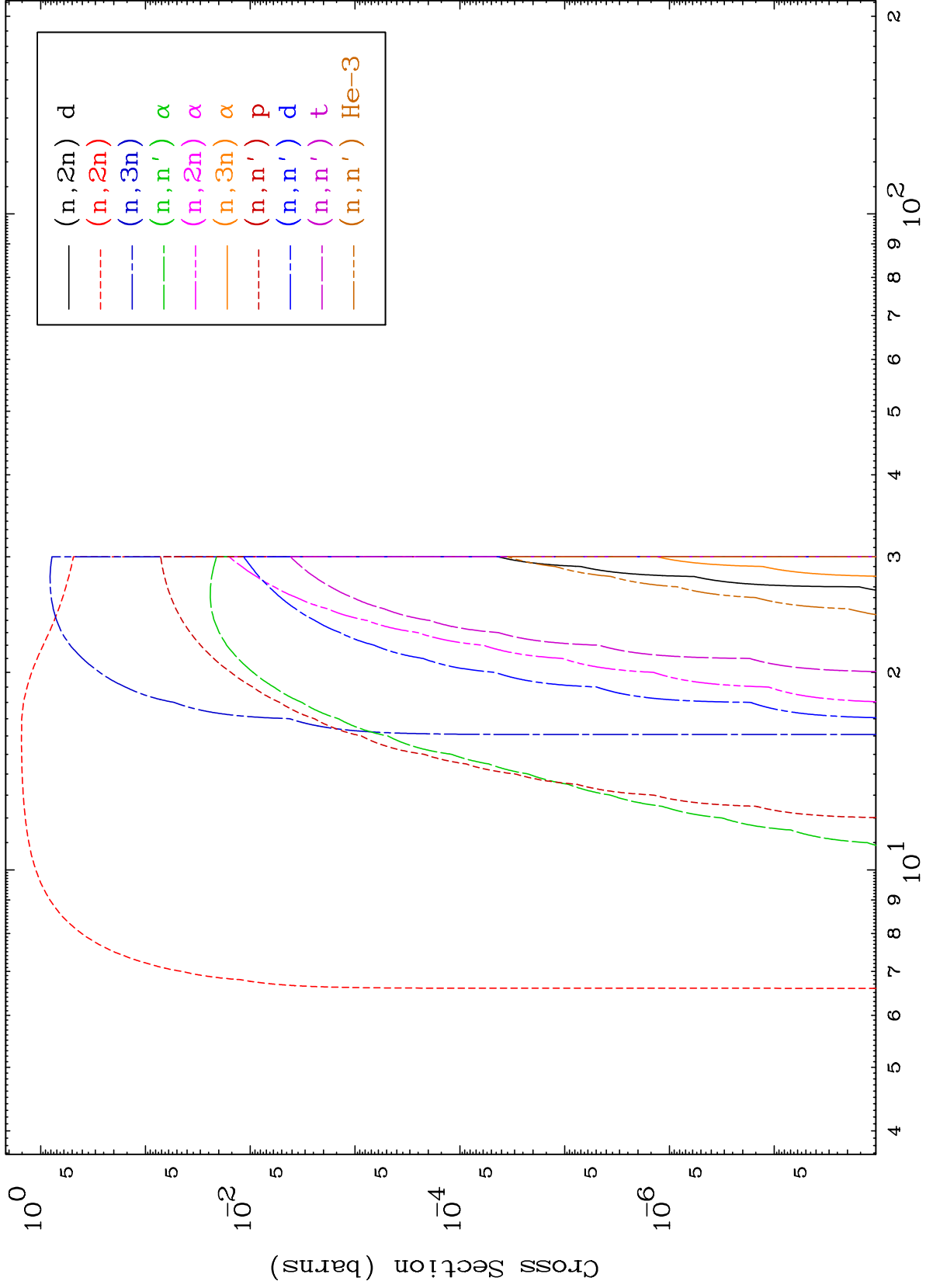
48-Cd-113



MAT 4846

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-113



2

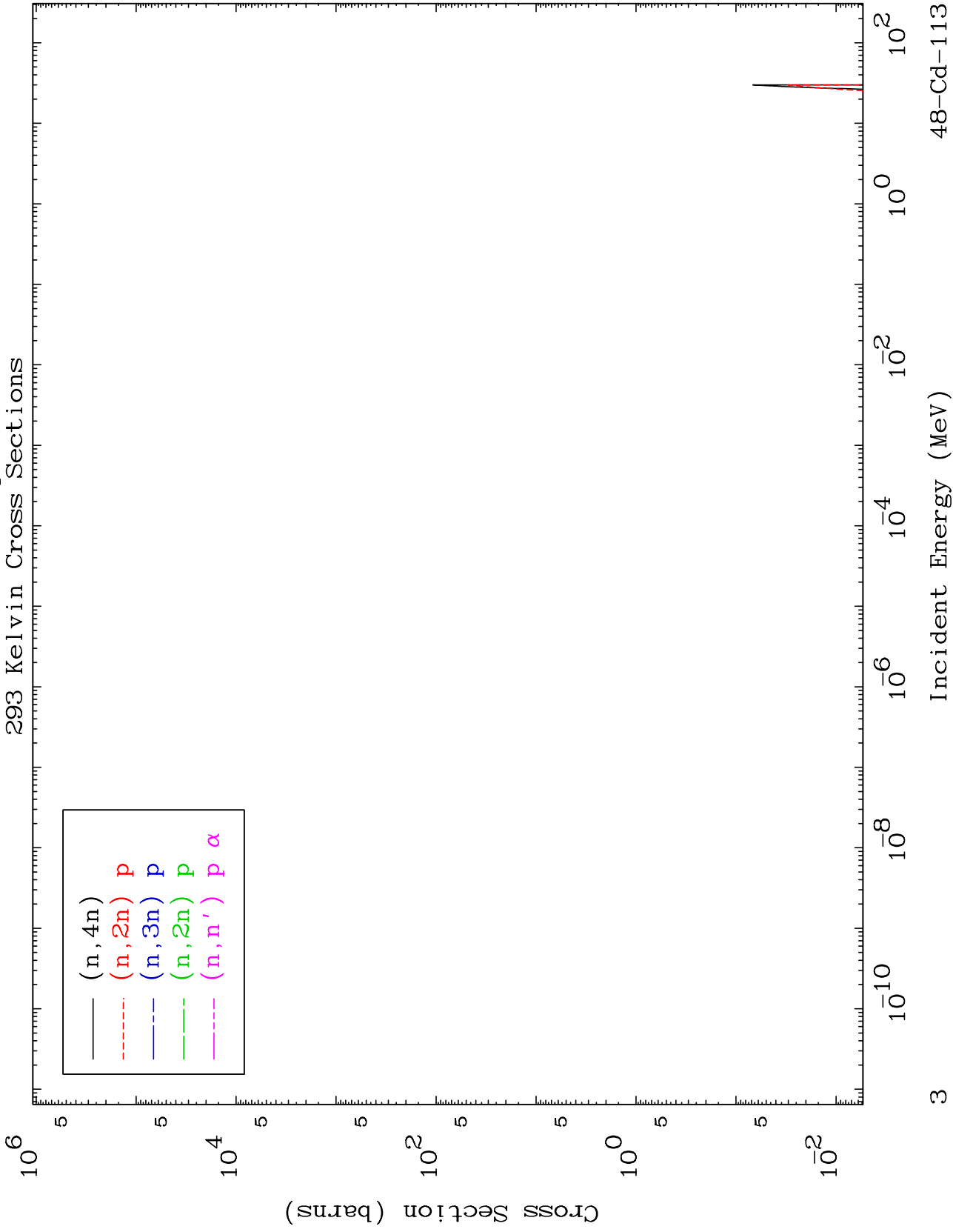
Incident Energy (MeV)

48-Cd-113

MAT 4846

Neutron Absorption  
293 Kelvin Cross Sections

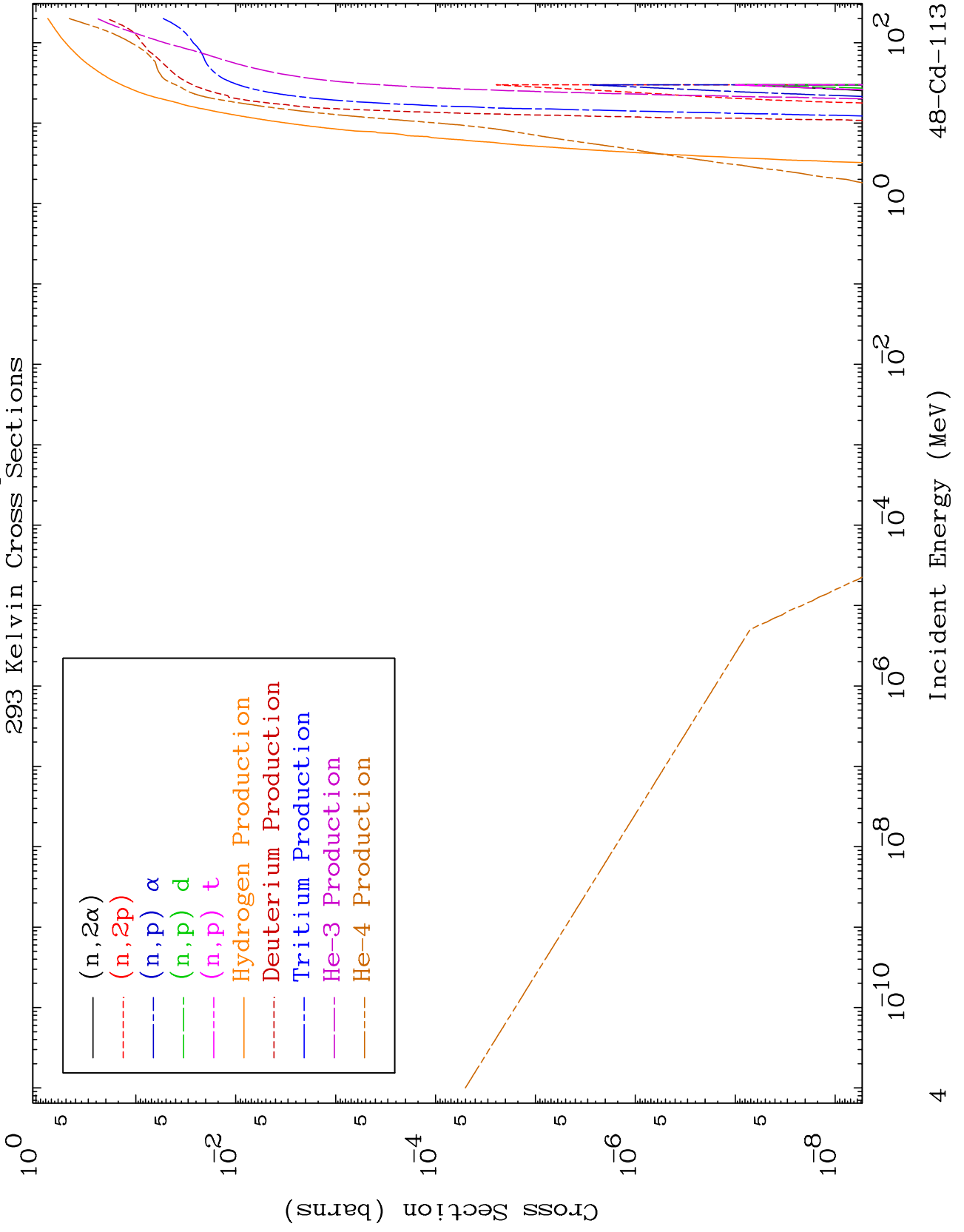
48-Cd-113

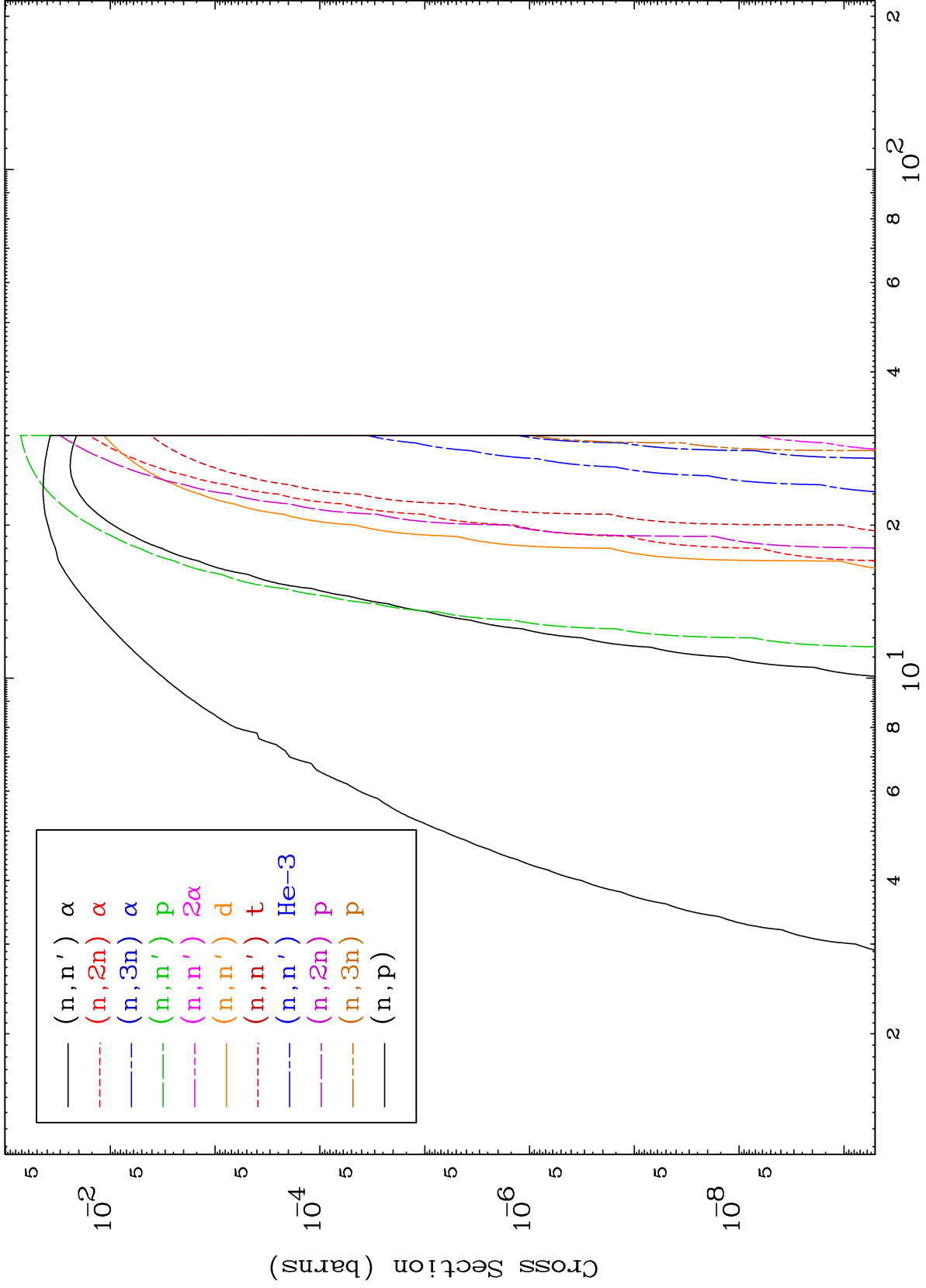


MAT 4846

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-113

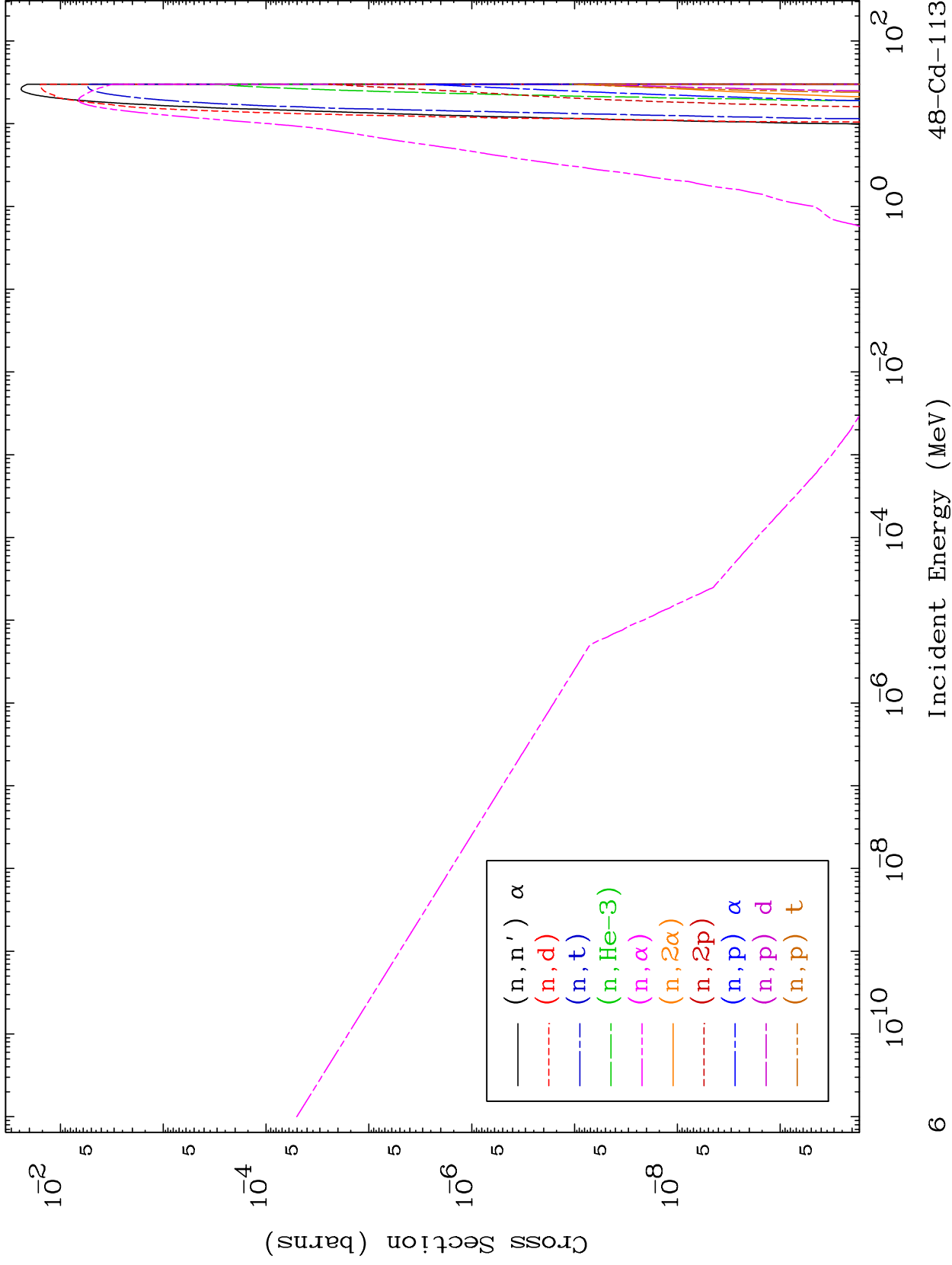




MAT 4846

Charged Particle  
293 Kelvin Cross Sections

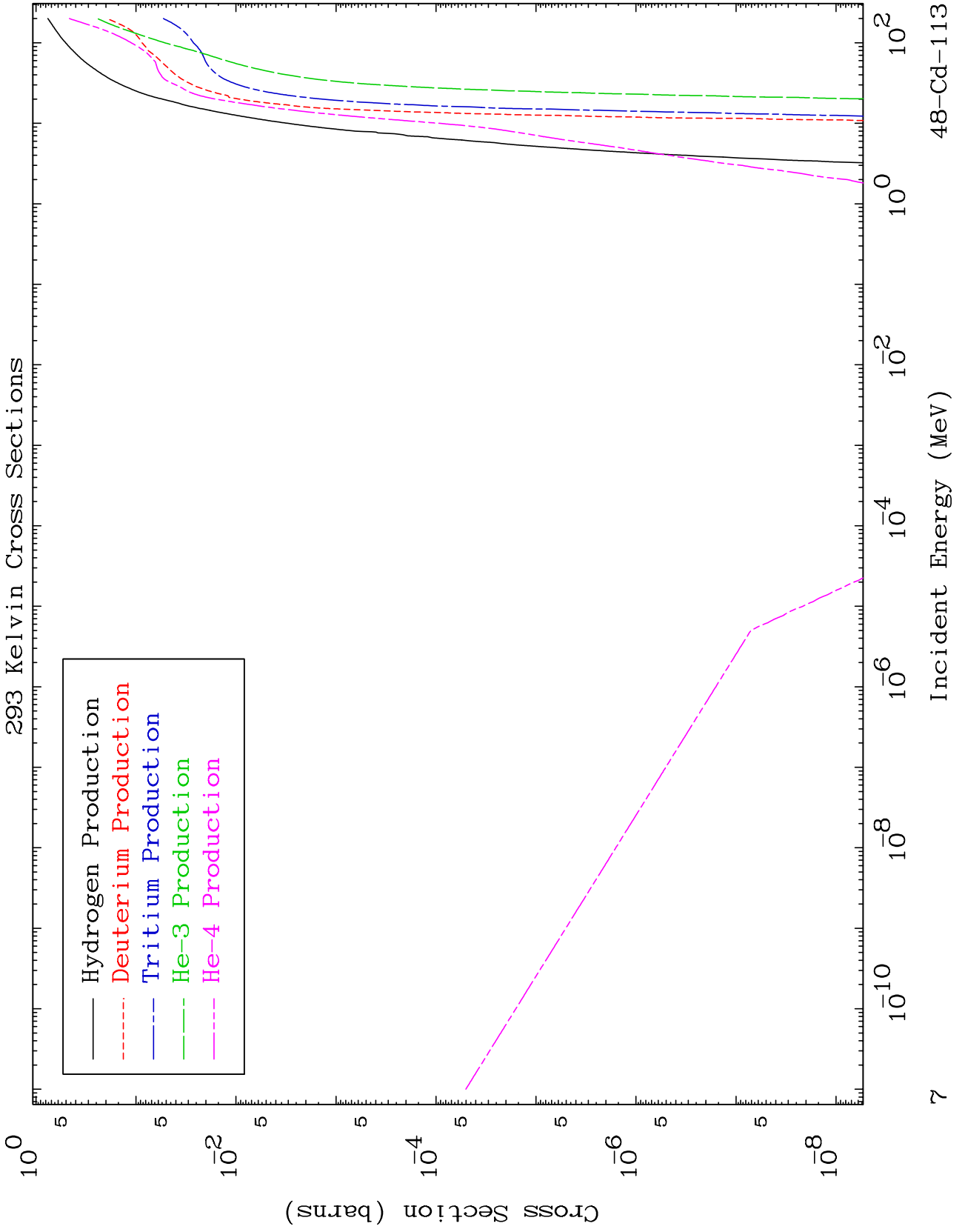
48-Cd-113



MAT 4846

Particle Production  
293 Kelvin Cross Sections

48-Cd-113

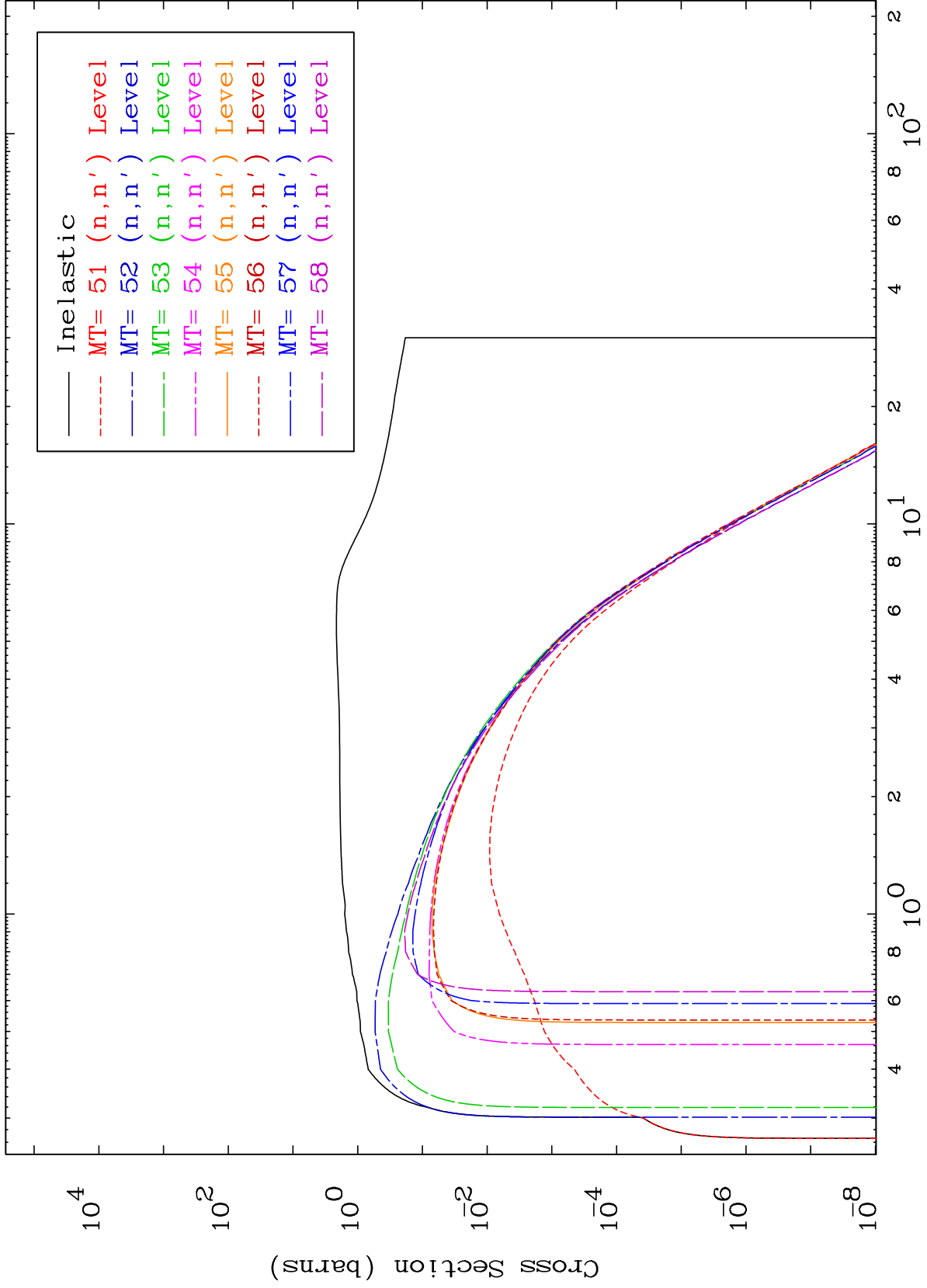


MAT 4846

(n,n') Levels

48-Cd-113

293 Kelvin Cross Sections



8

Incident Energy (MeV)

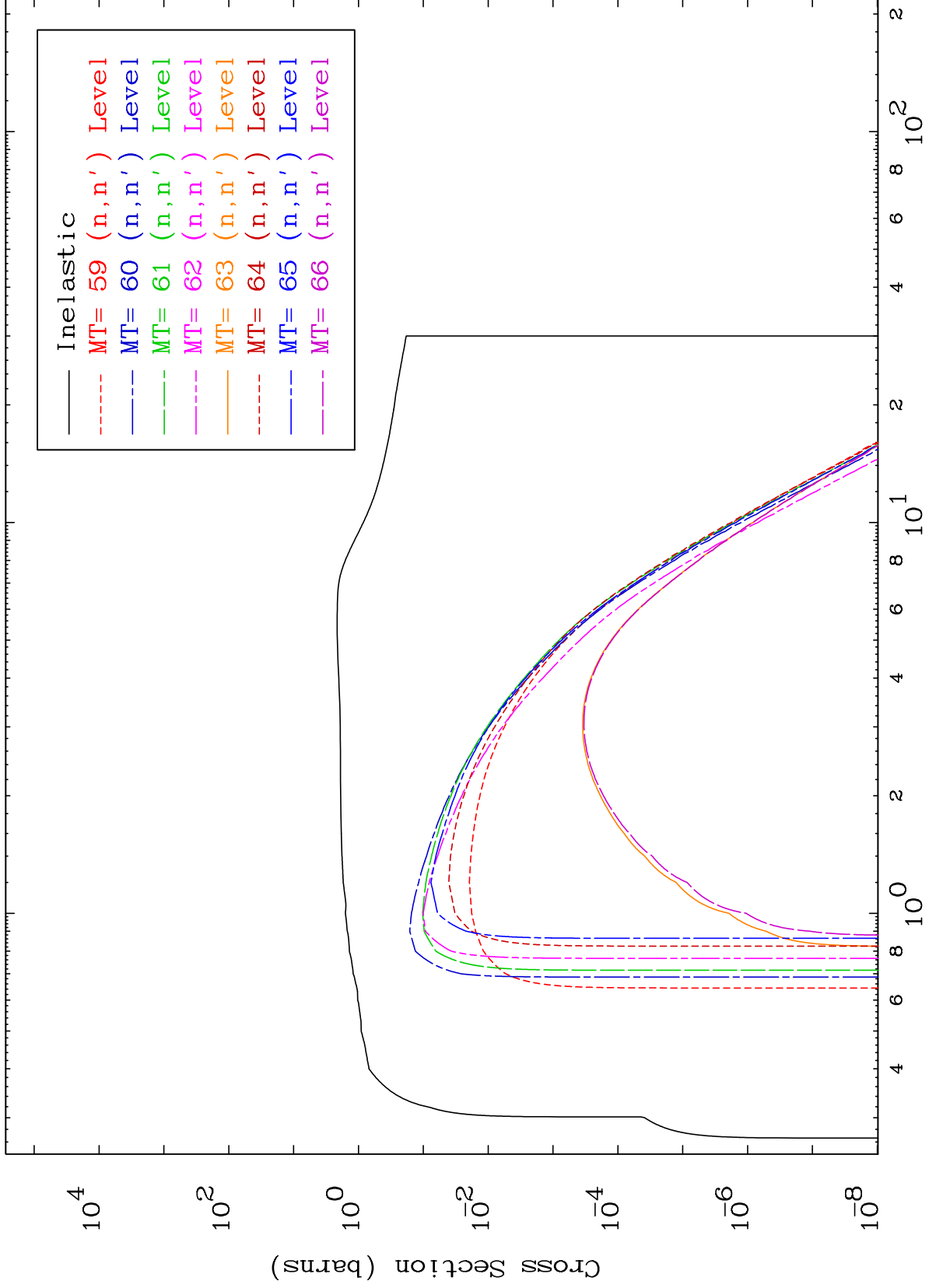
48-Cd-113

MAT 4846

(n,n') Levels

48-Cd-113

293 Kelvin Cross Sections

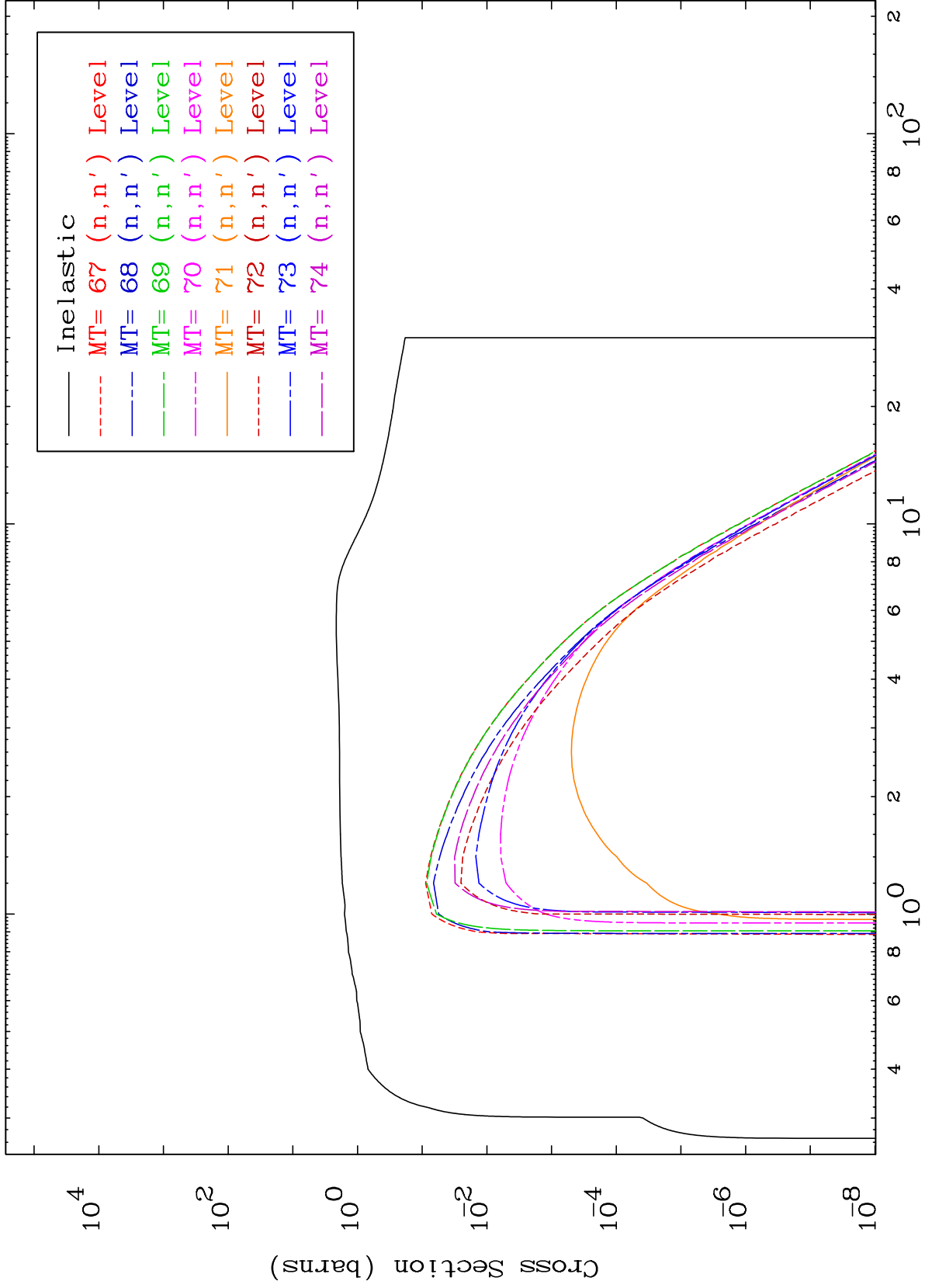


MAT 4846

(n,n') Levels

48-Cd-113

293 Kelvin Cross Sections



10

Incident Energy (MeV)

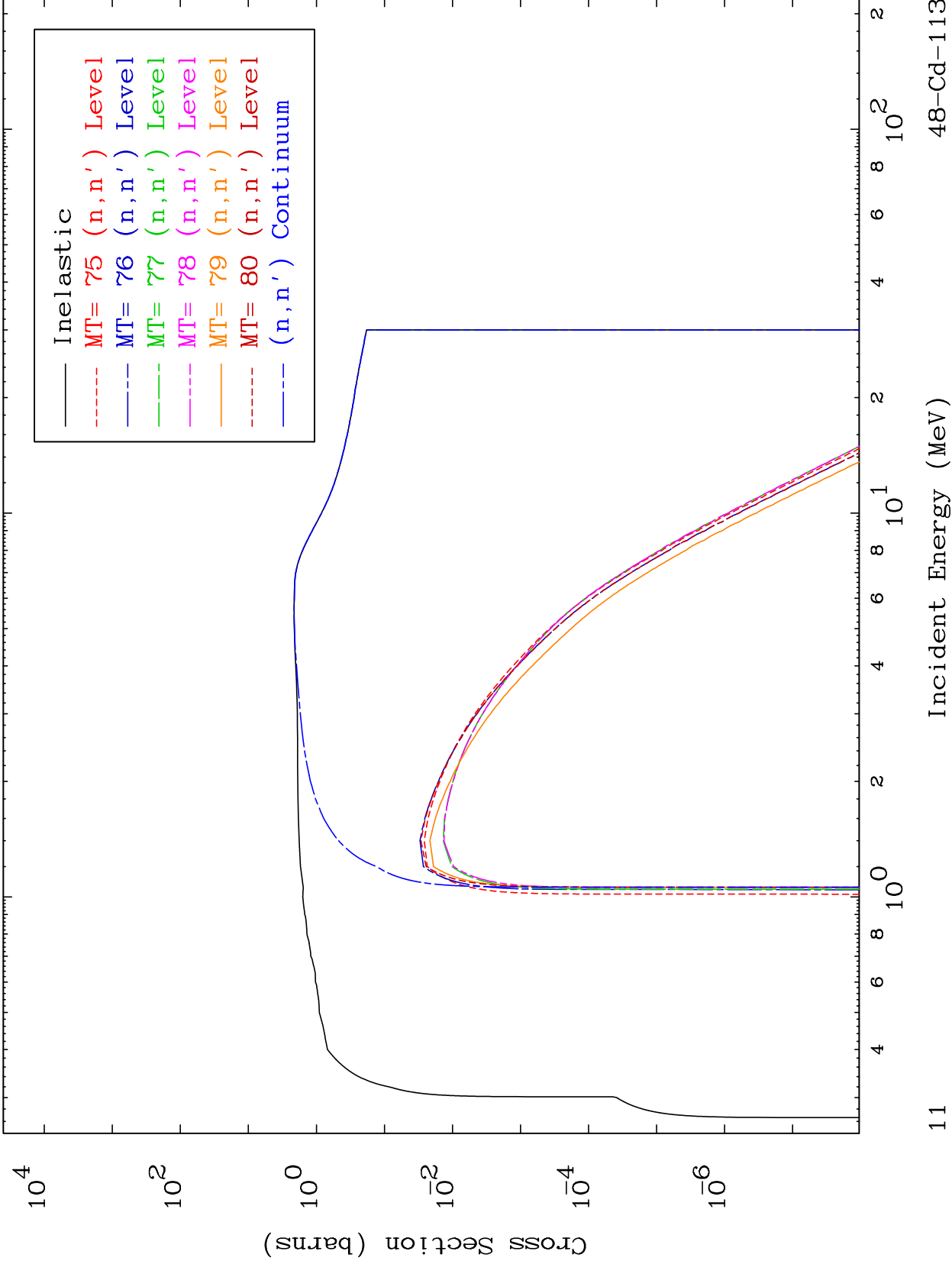
48-Cd-113

MAT 4846

(n,n') Levels

48-Cd-113

293 Kelvin Cross Sections



11

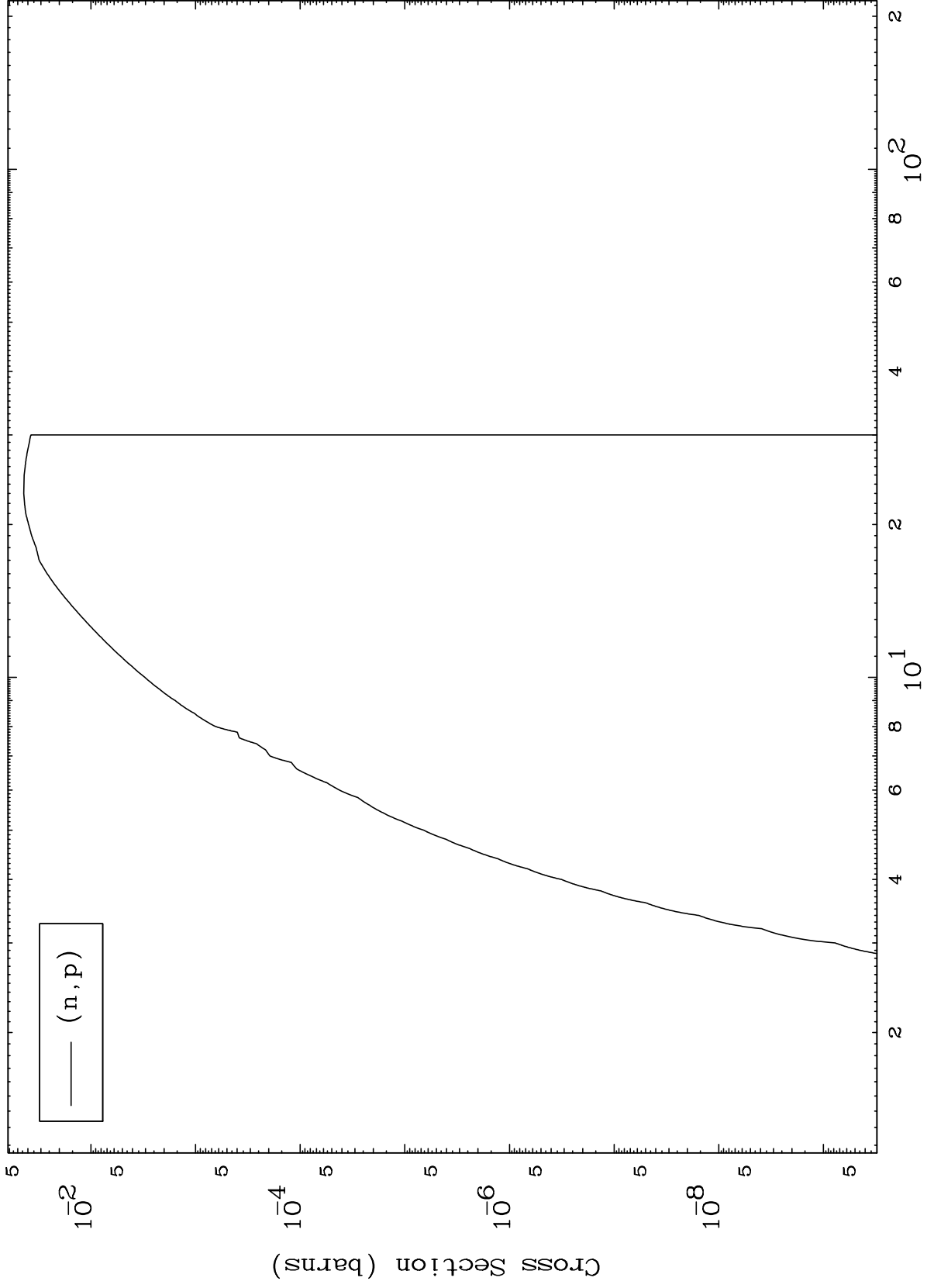
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-113



12

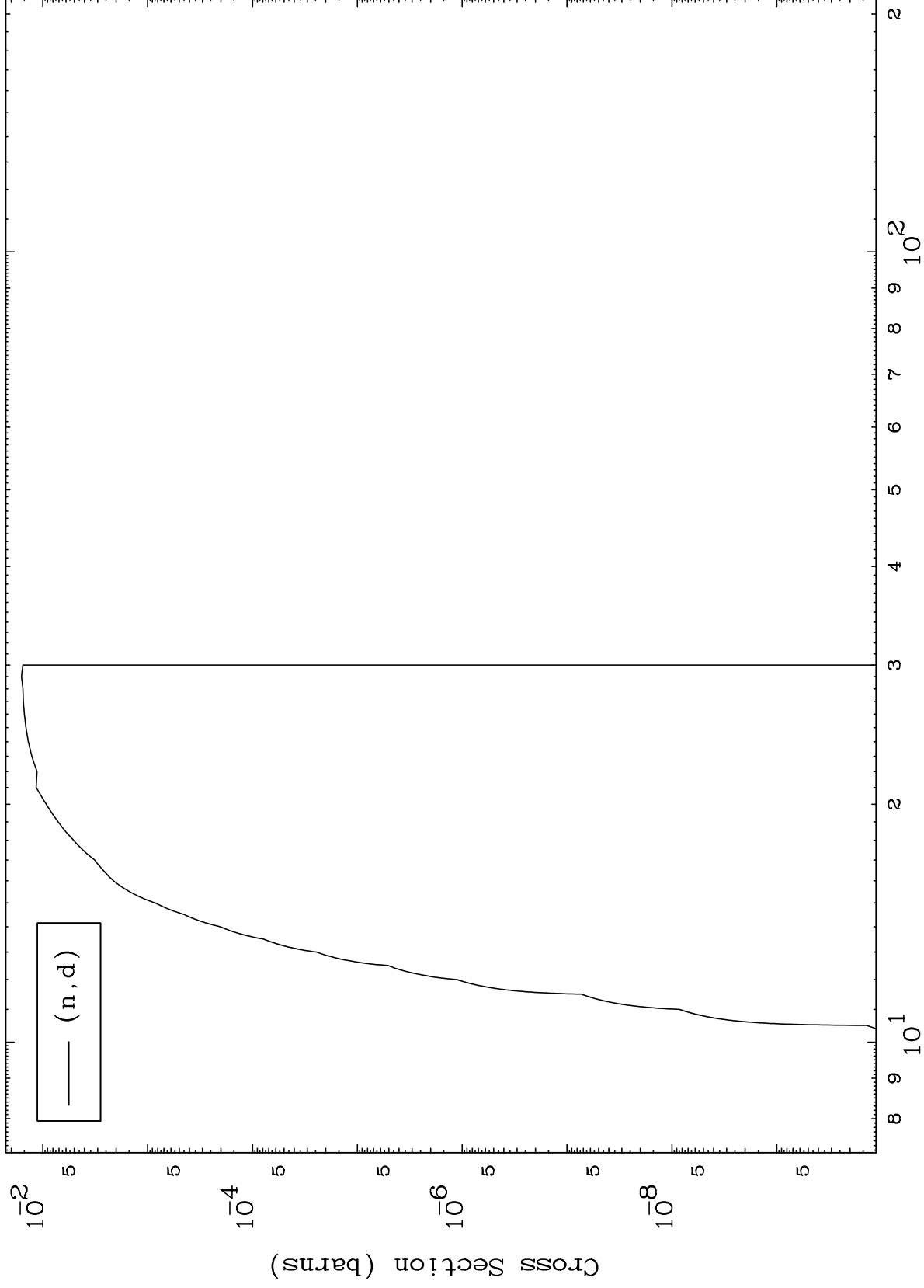
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-113



13

Incident Energy (MeV)

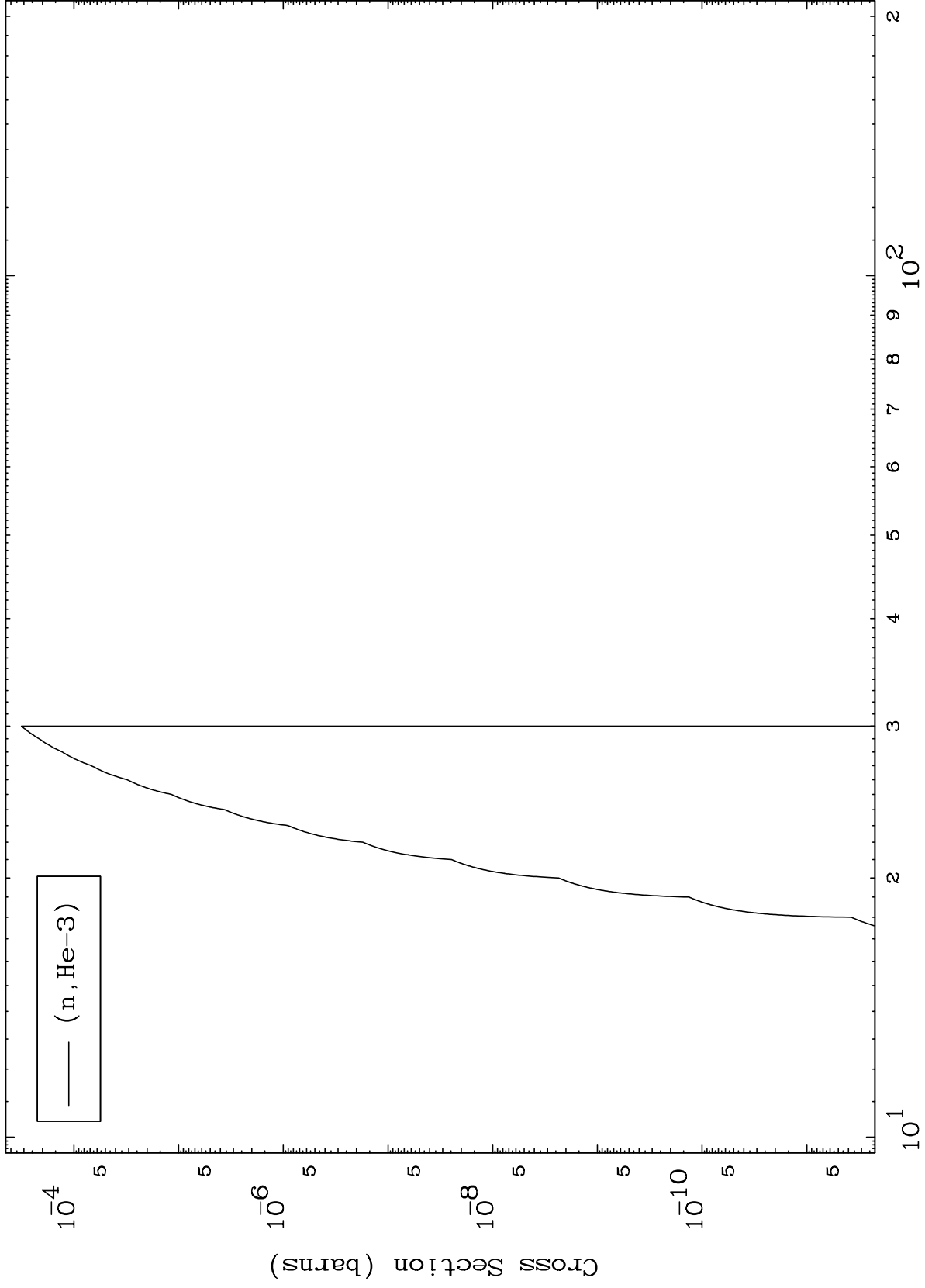
48-Cd-113



MAT 4846

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-113



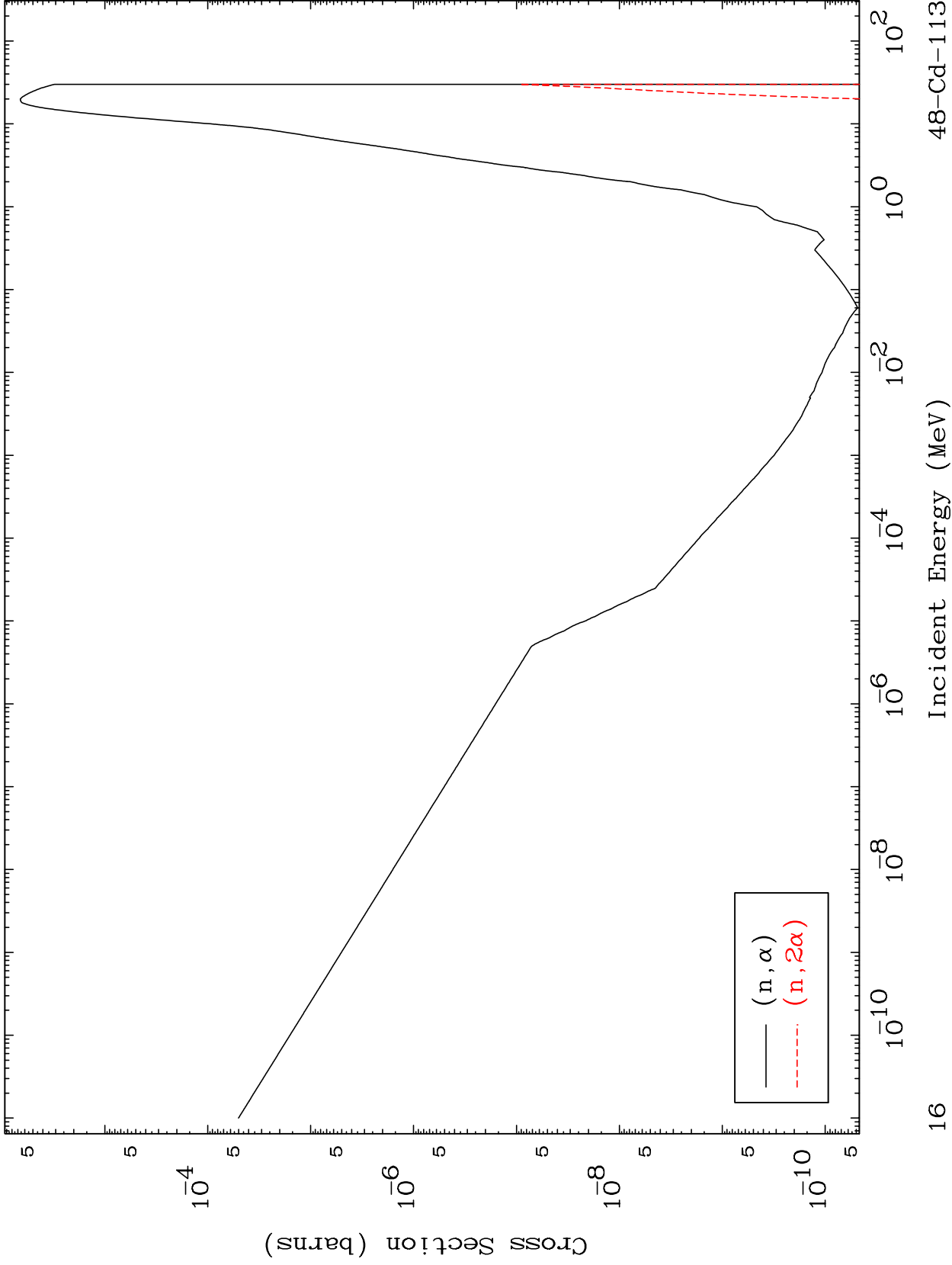
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

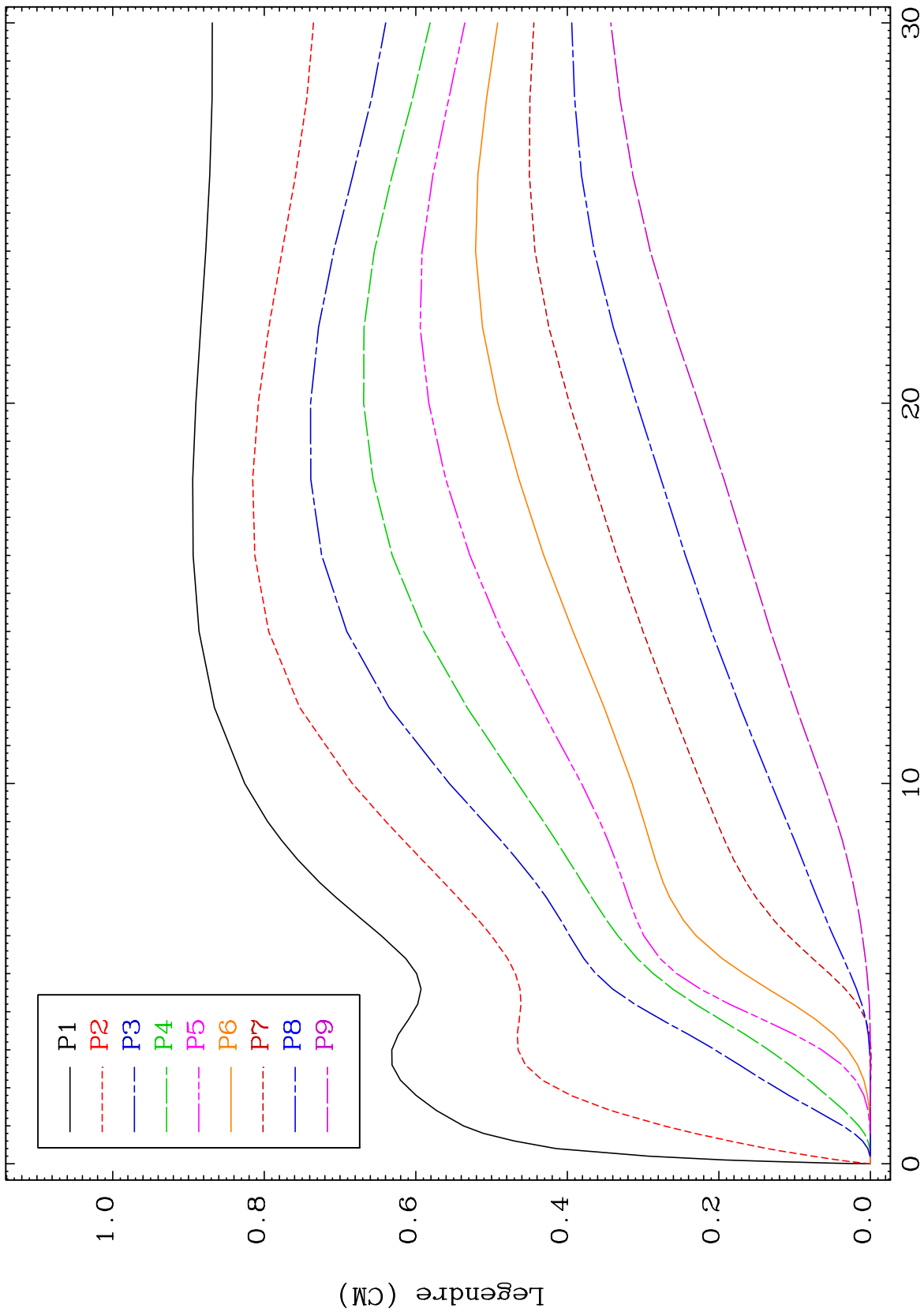
48-Cd-113



MAT 4846

Elastic Legendre Coefficients

48-Cd-113



17

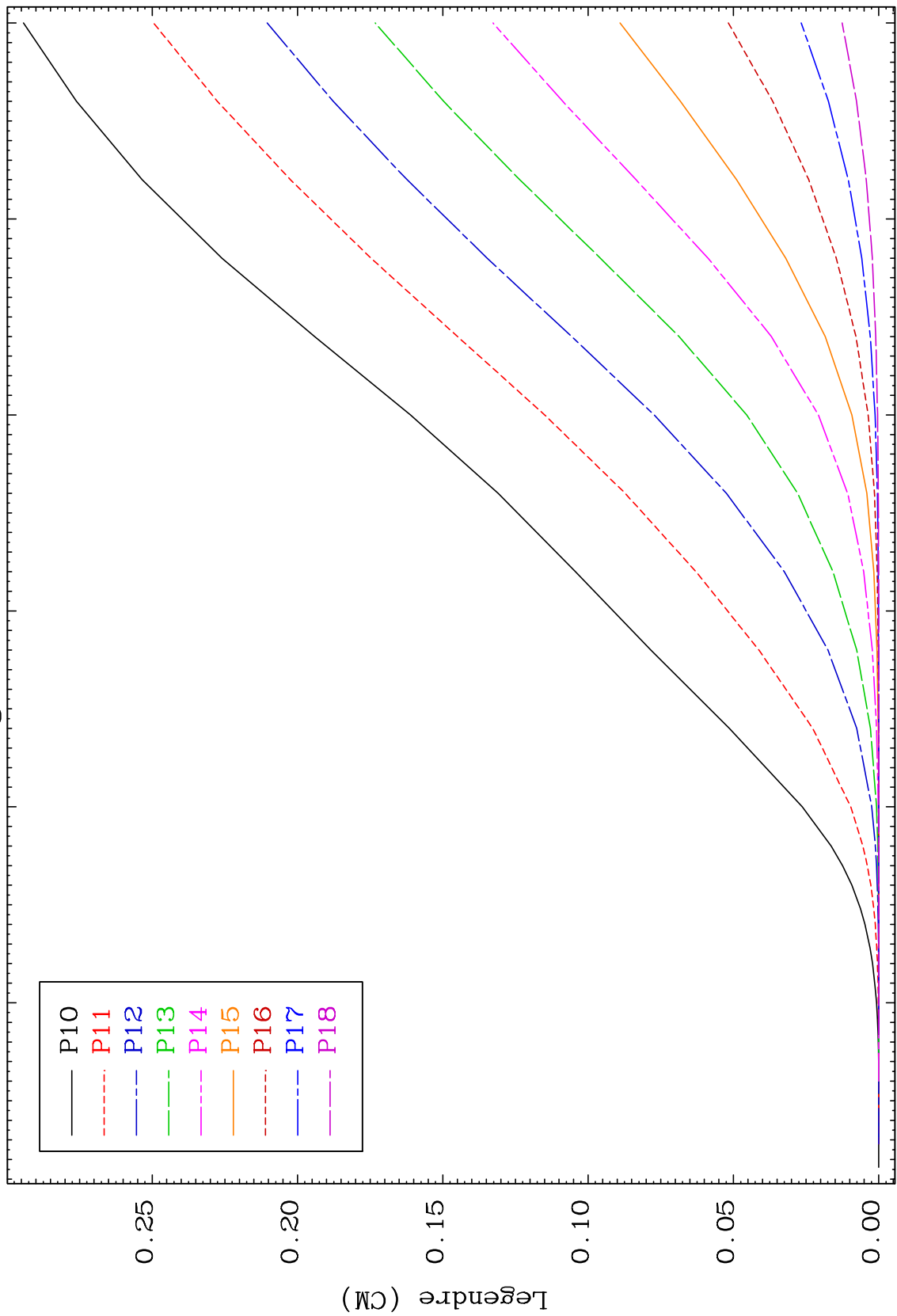
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



18

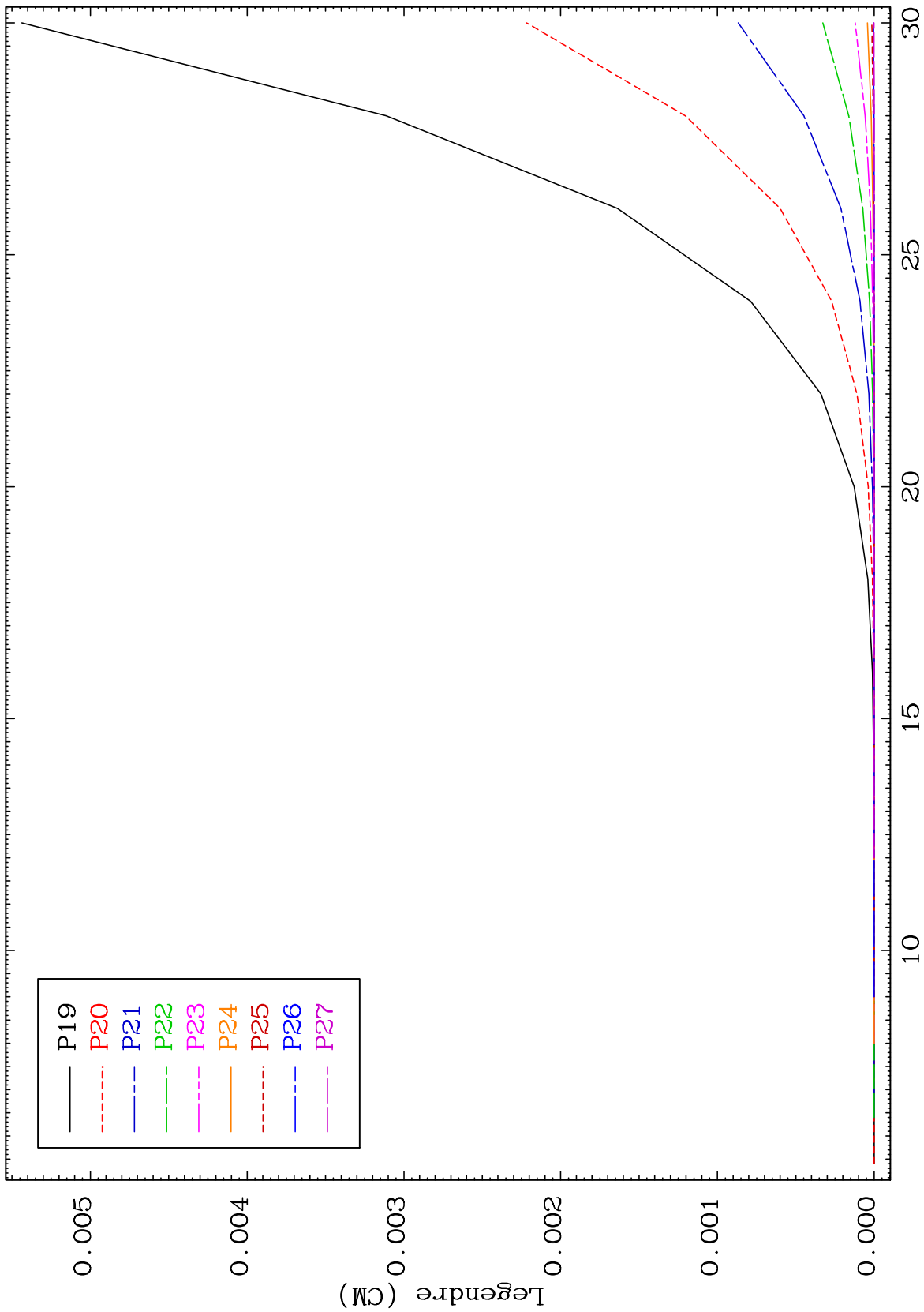
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



19

Incident Energy (MeV)

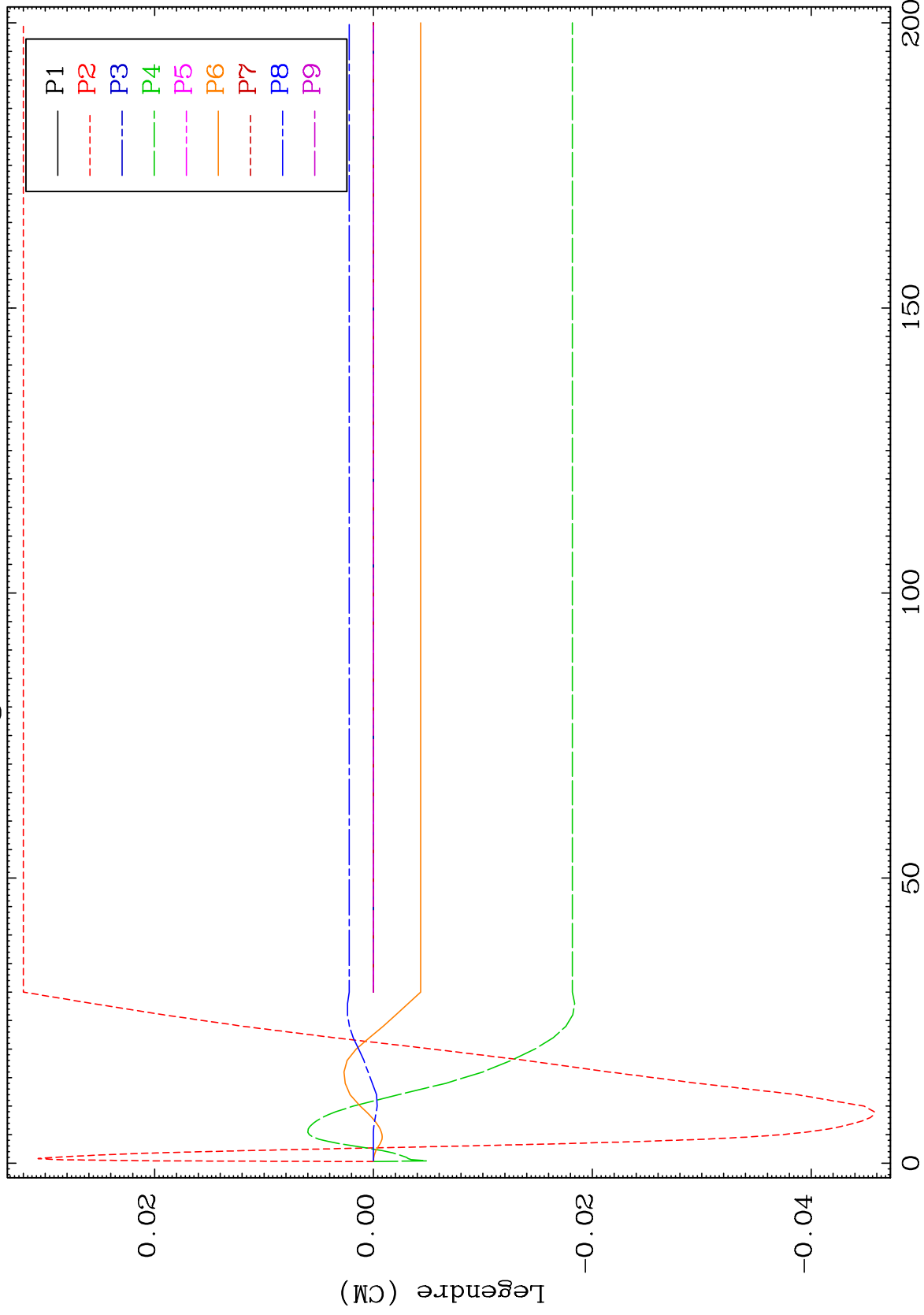
48-Cd-113



MAT 4846

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

48-Cd-113



21

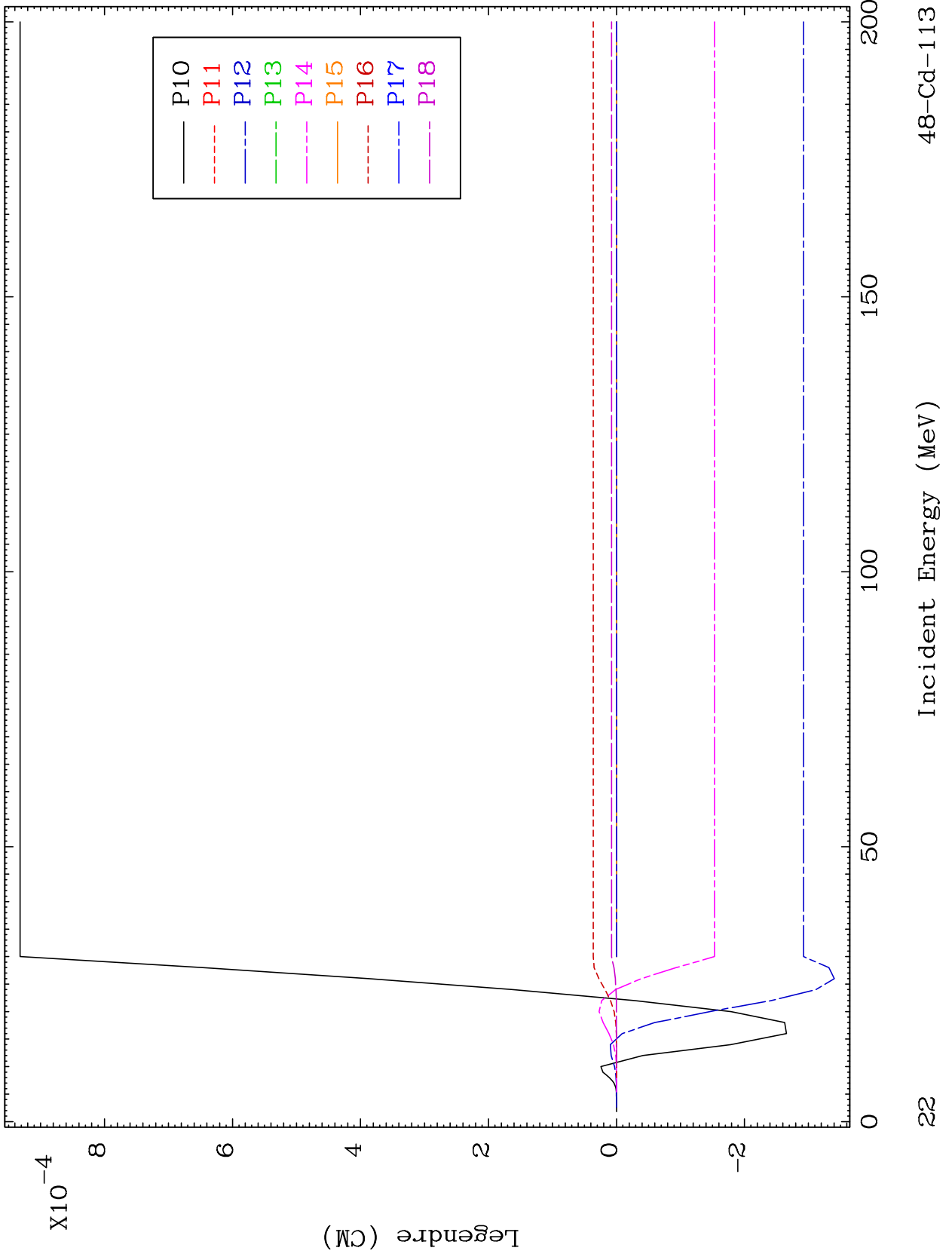
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

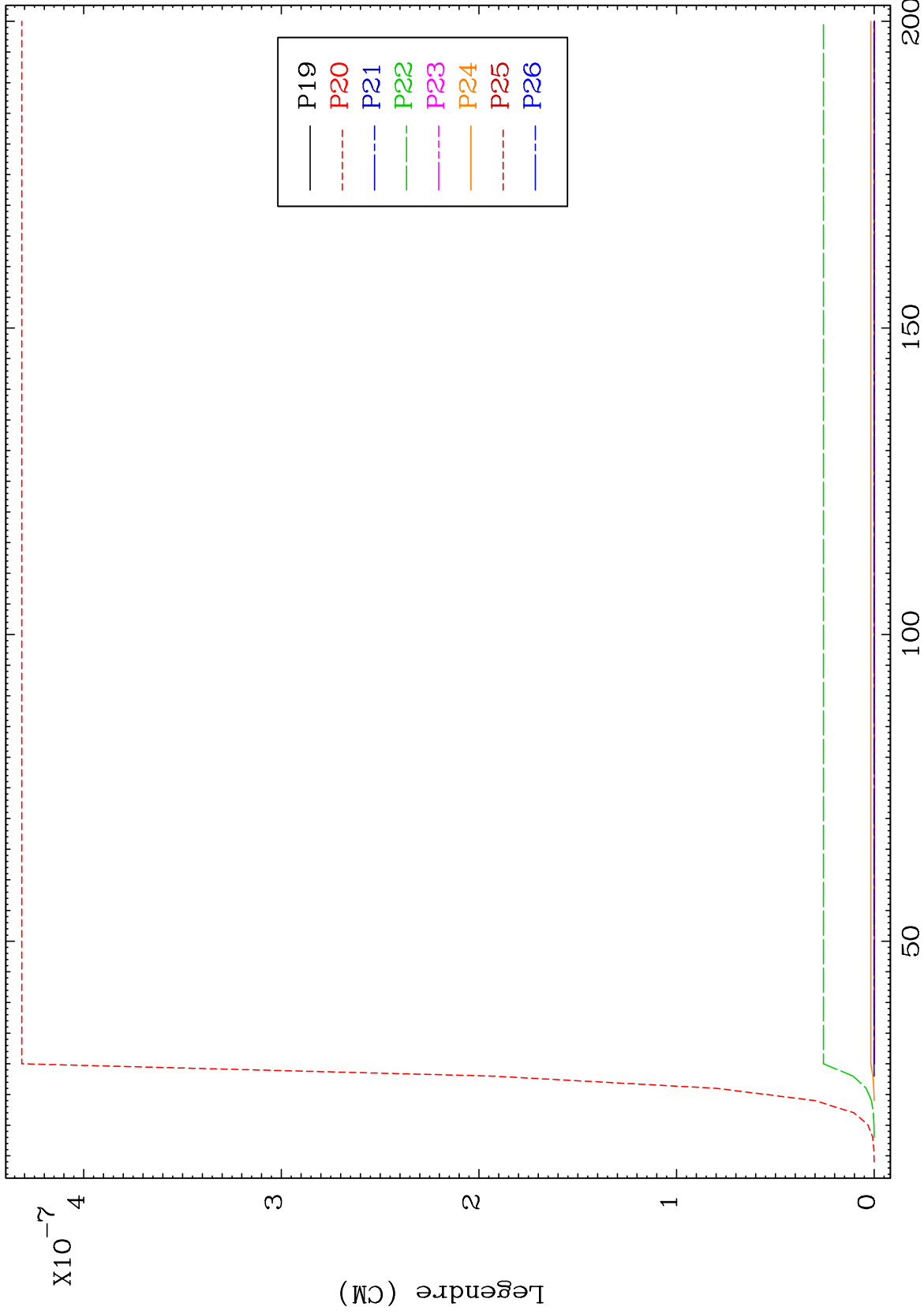
Incident Energy (MeV)

22

MAT 4846

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

48-Cd-113



23

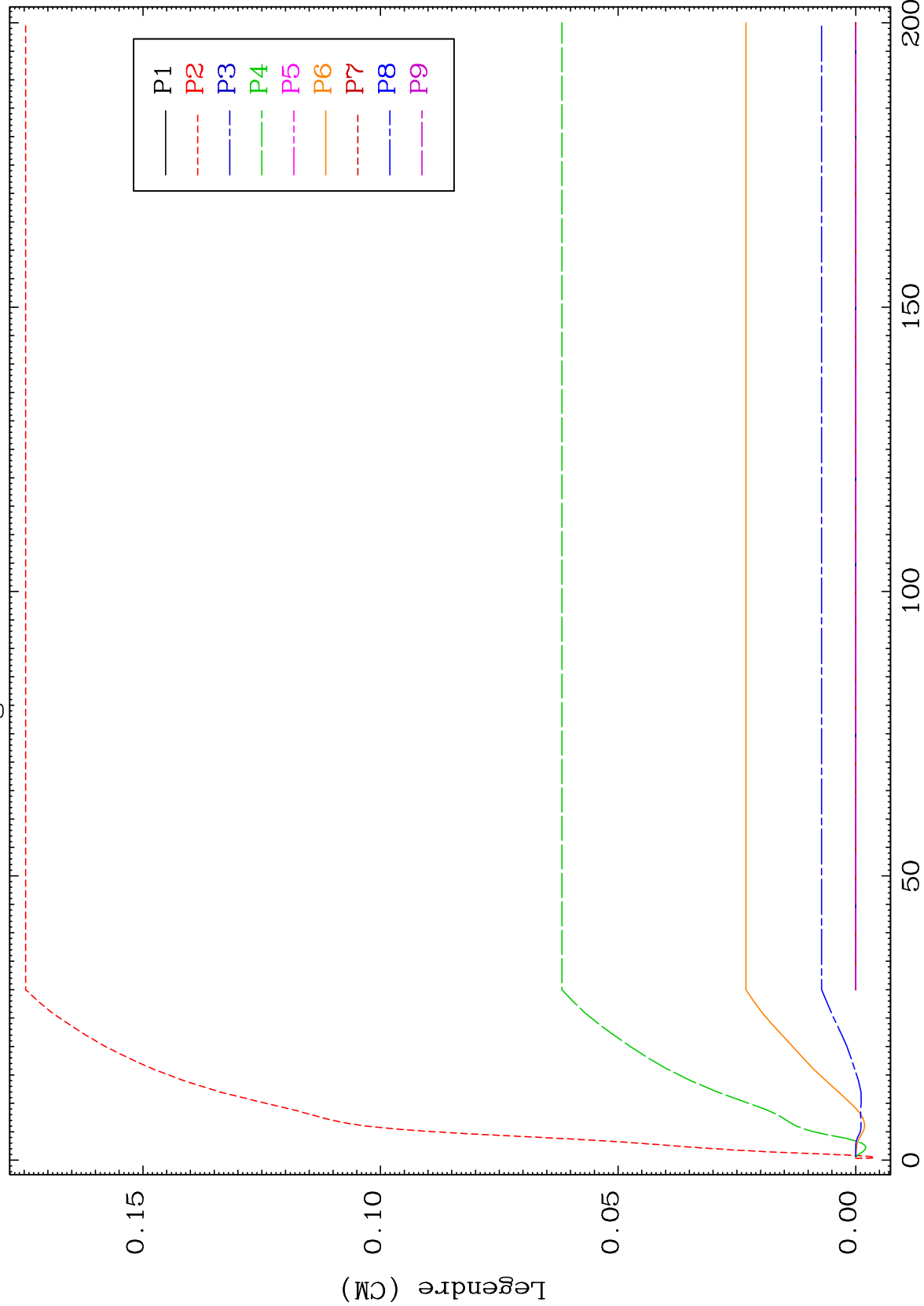
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



24

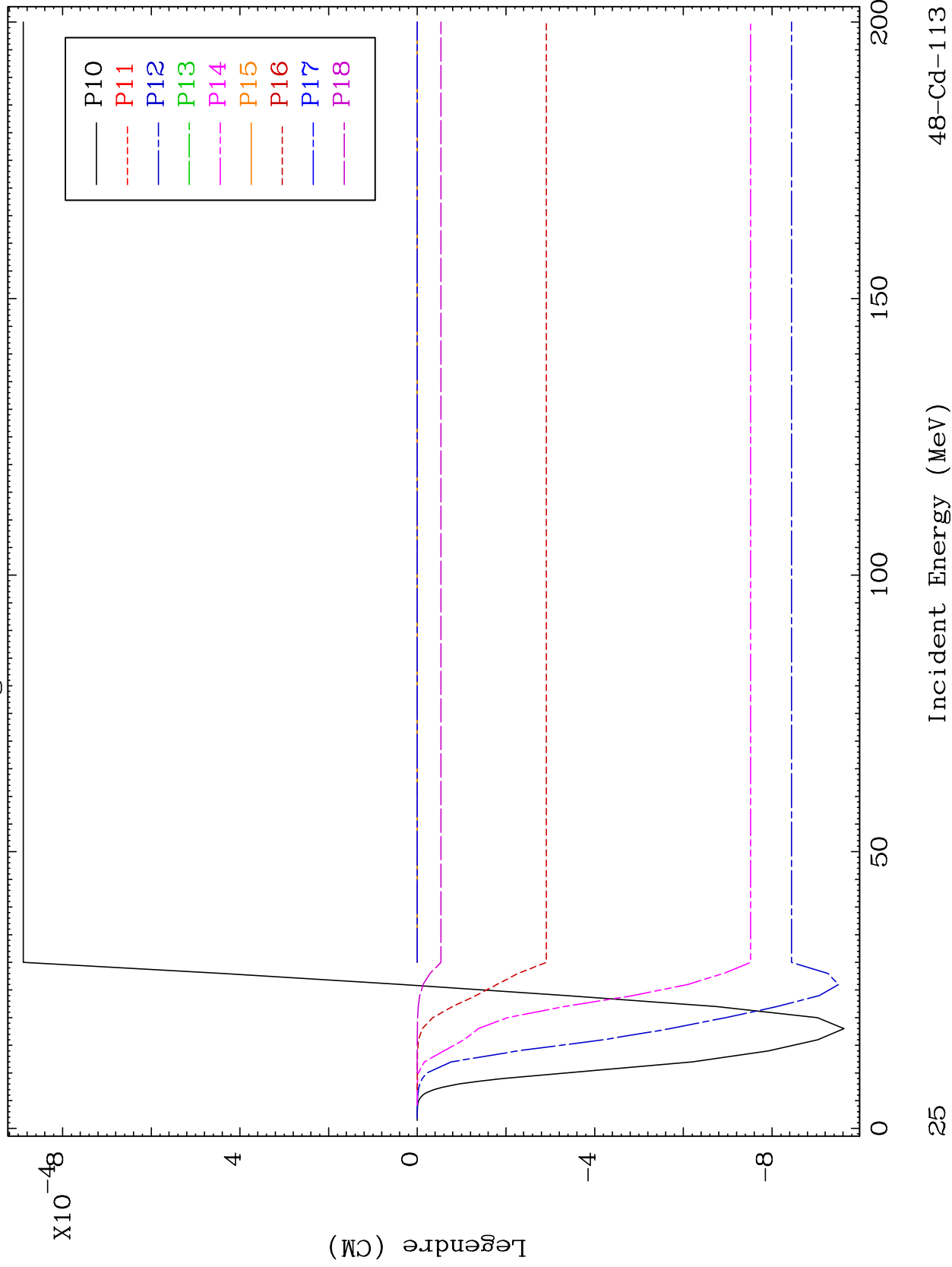
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

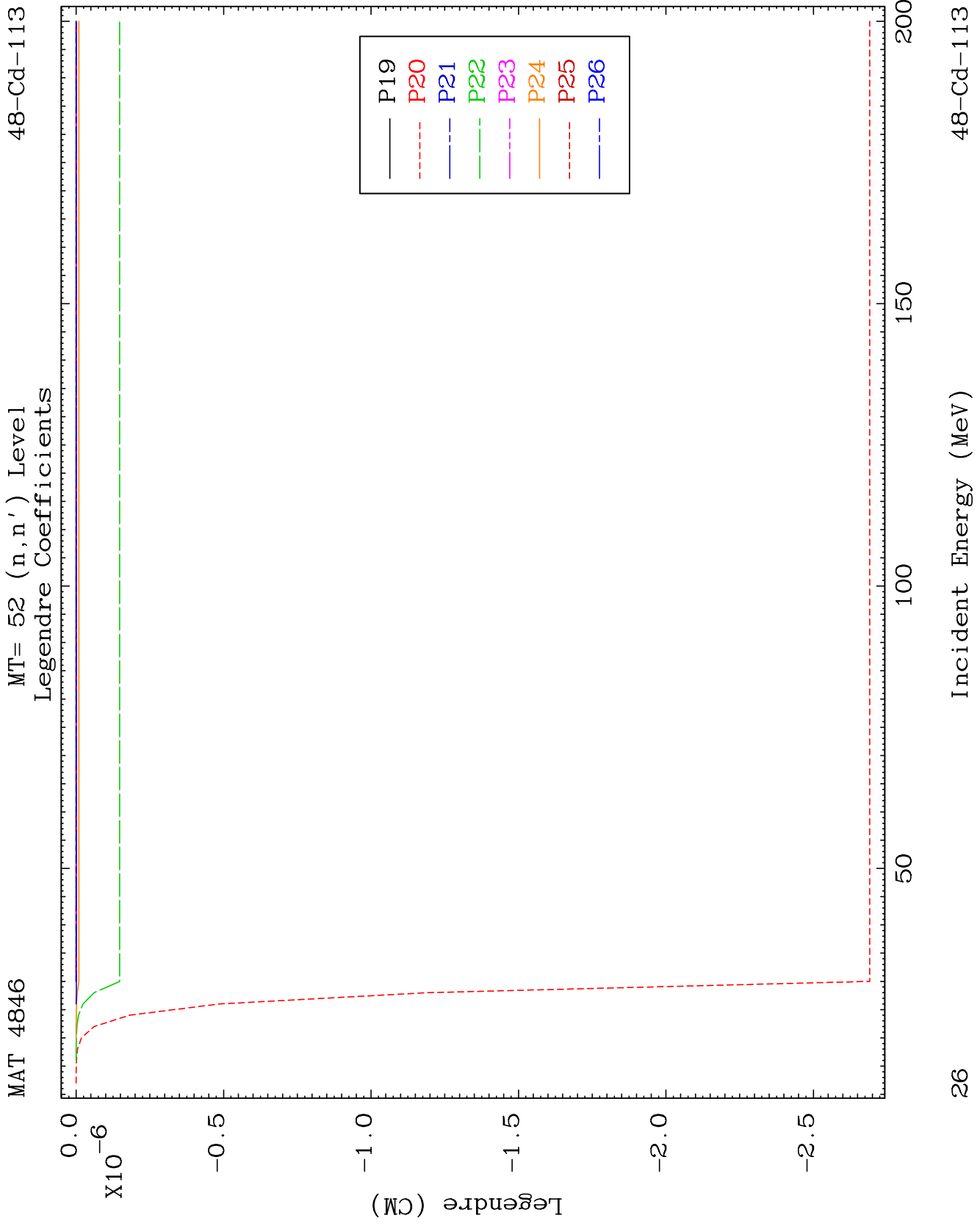
48-Cd-113



48-Cd-113

Incident Energy (MeV)

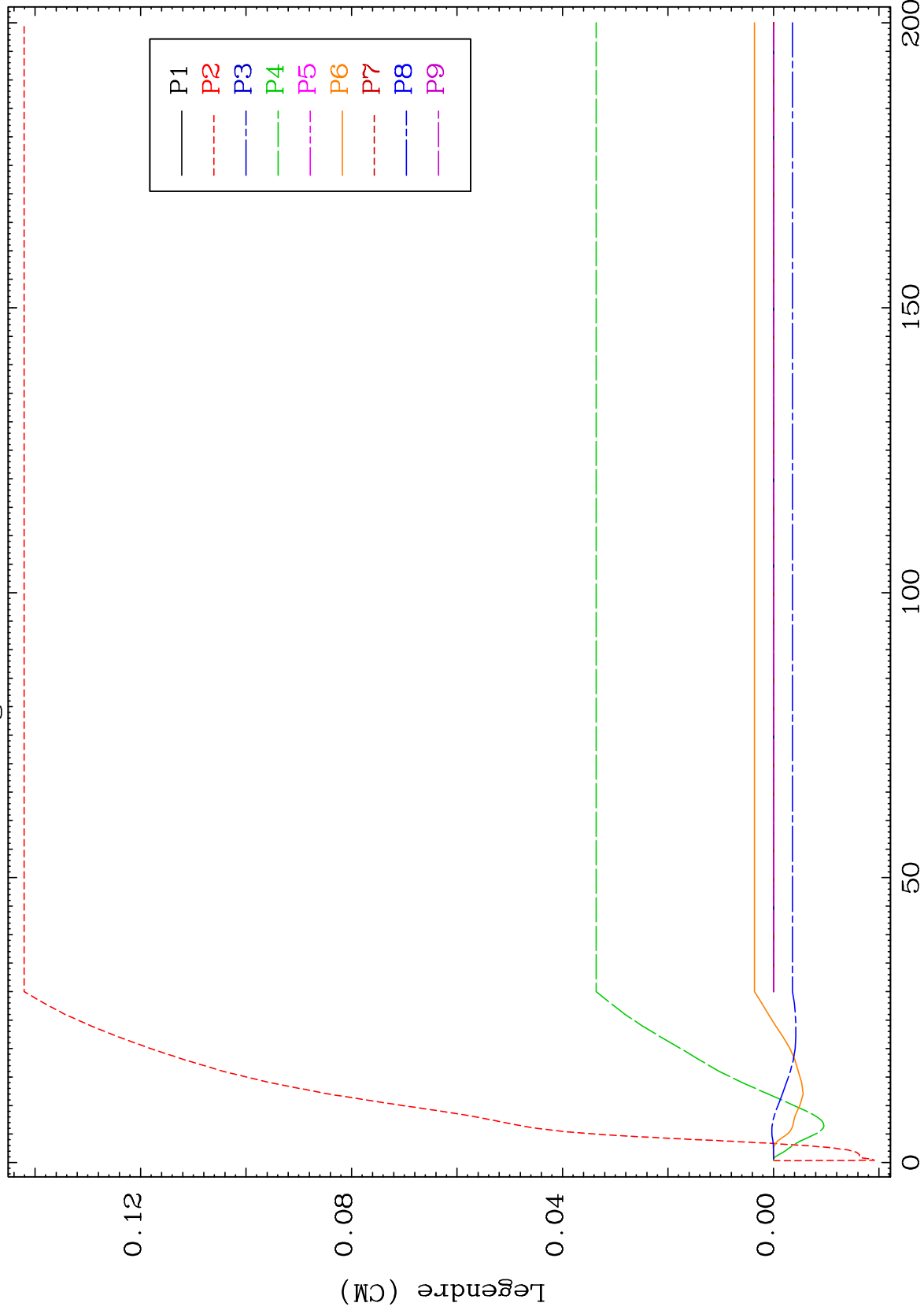
25



MAT 4846

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

48-Cd-113



27

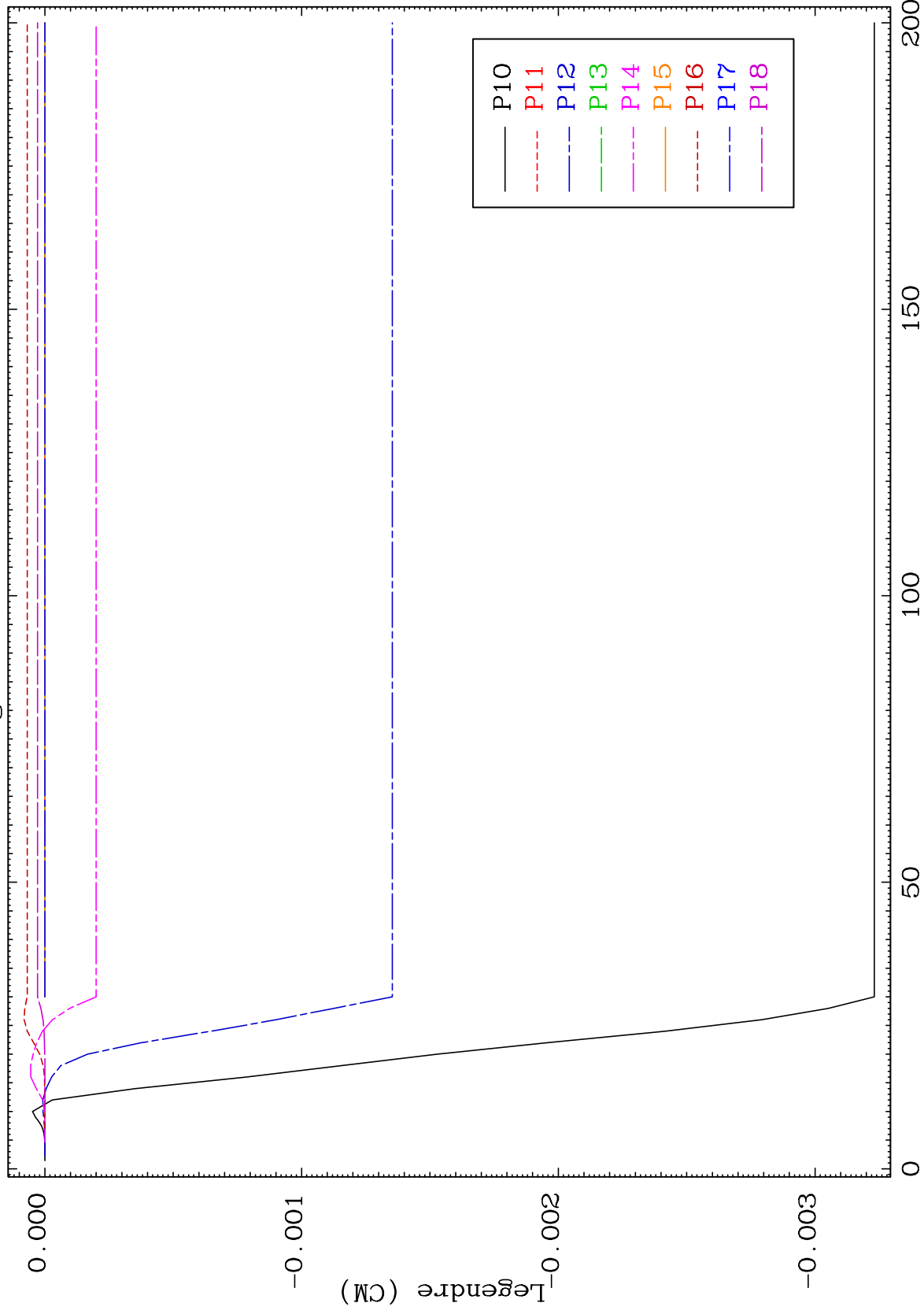
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

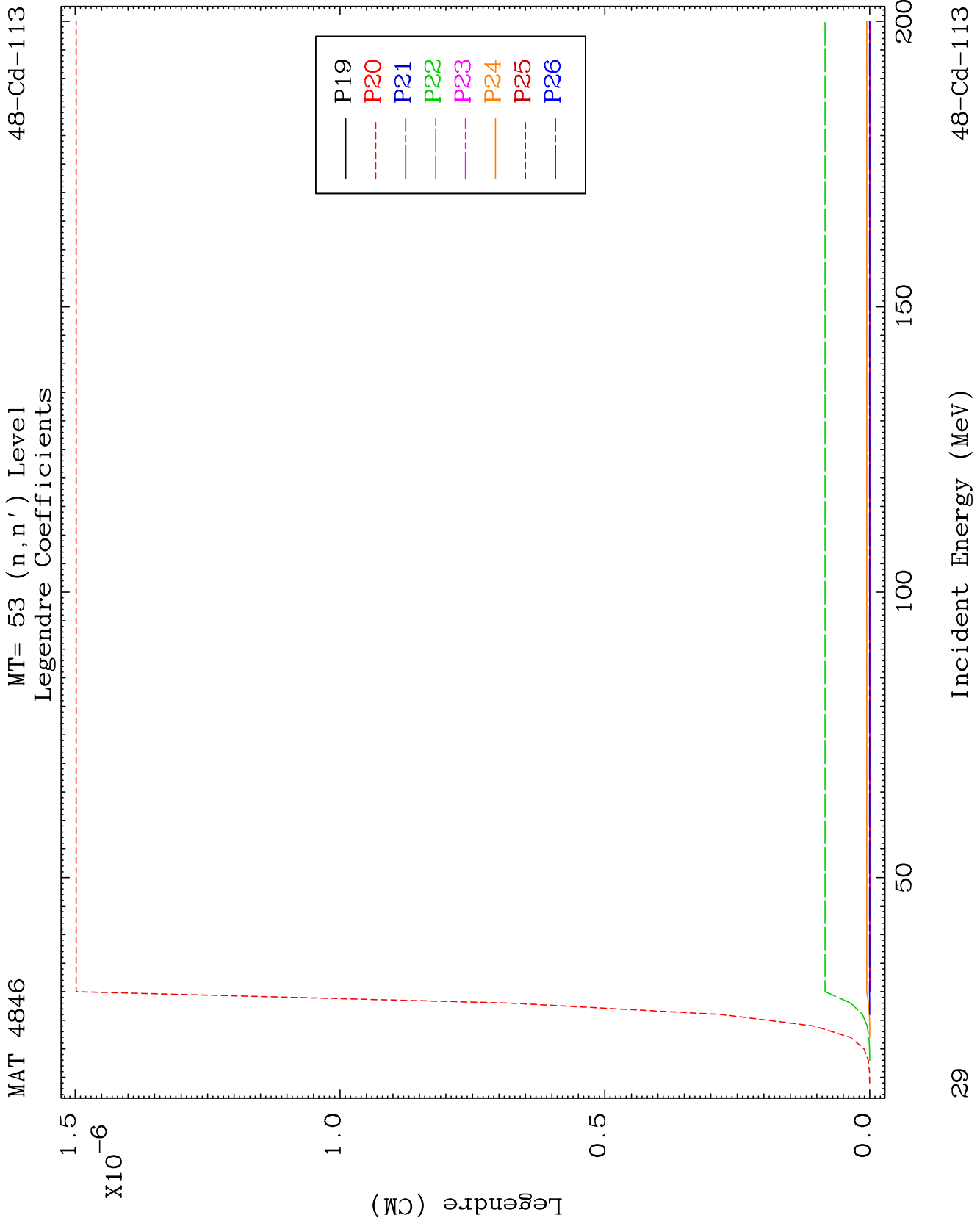
MT= 53 (n,n') Level  
Legendre Coefficients



28

Incident Energy (MeV)

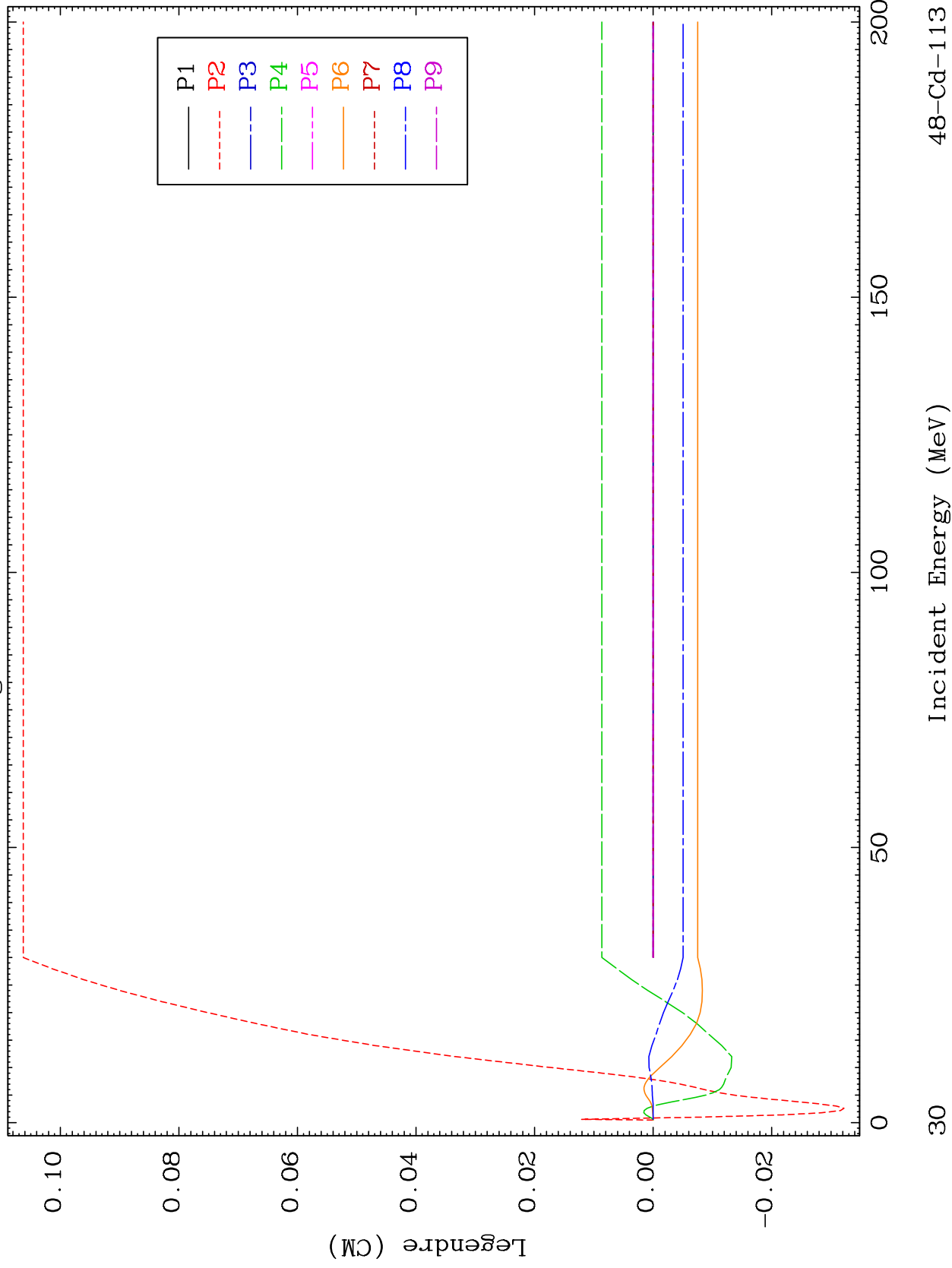
48-Cd-113



MAT 4846

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

48-Cd-113

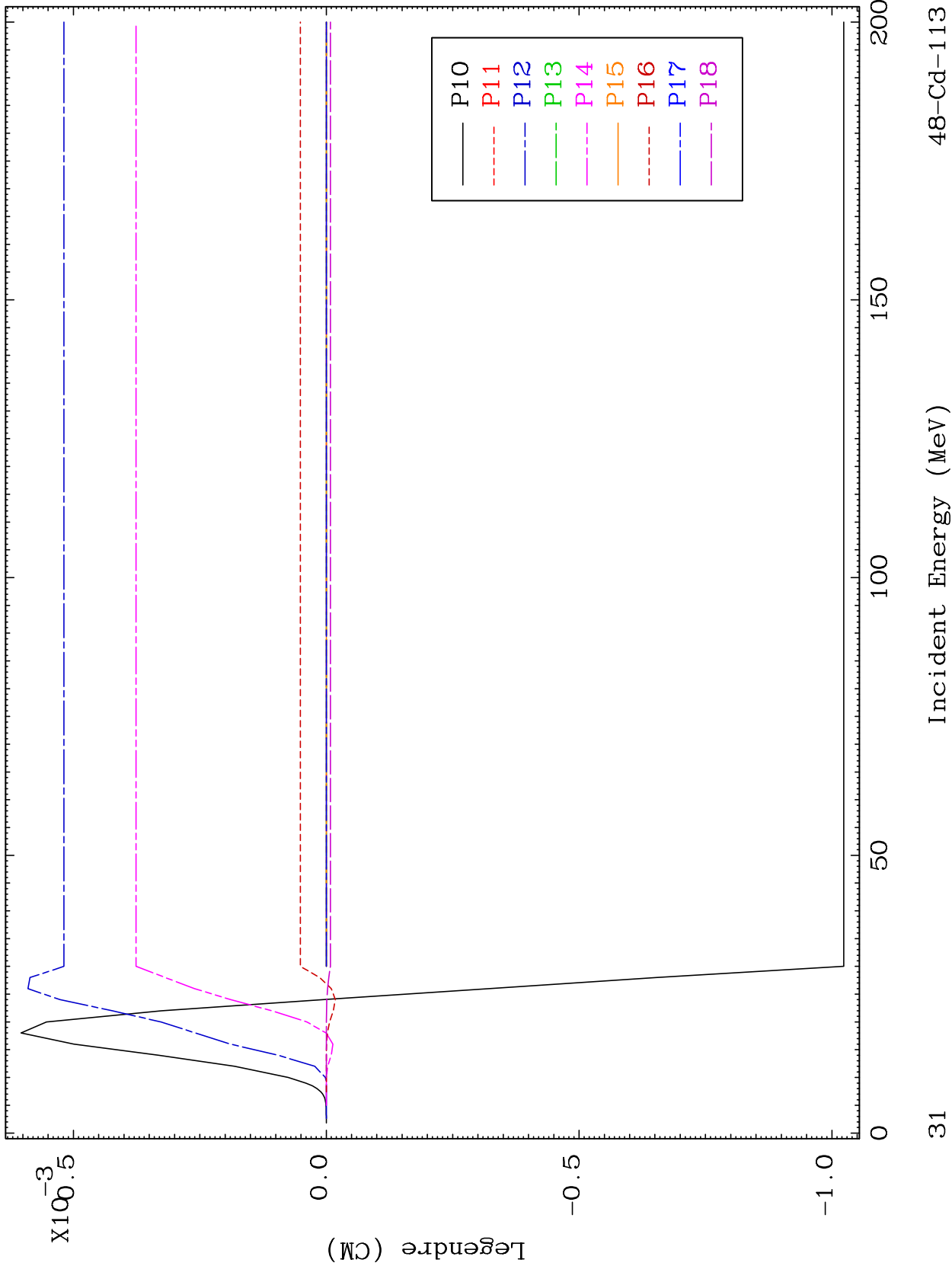


48-Cd-113

MAT 4846

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

48-Cd-113



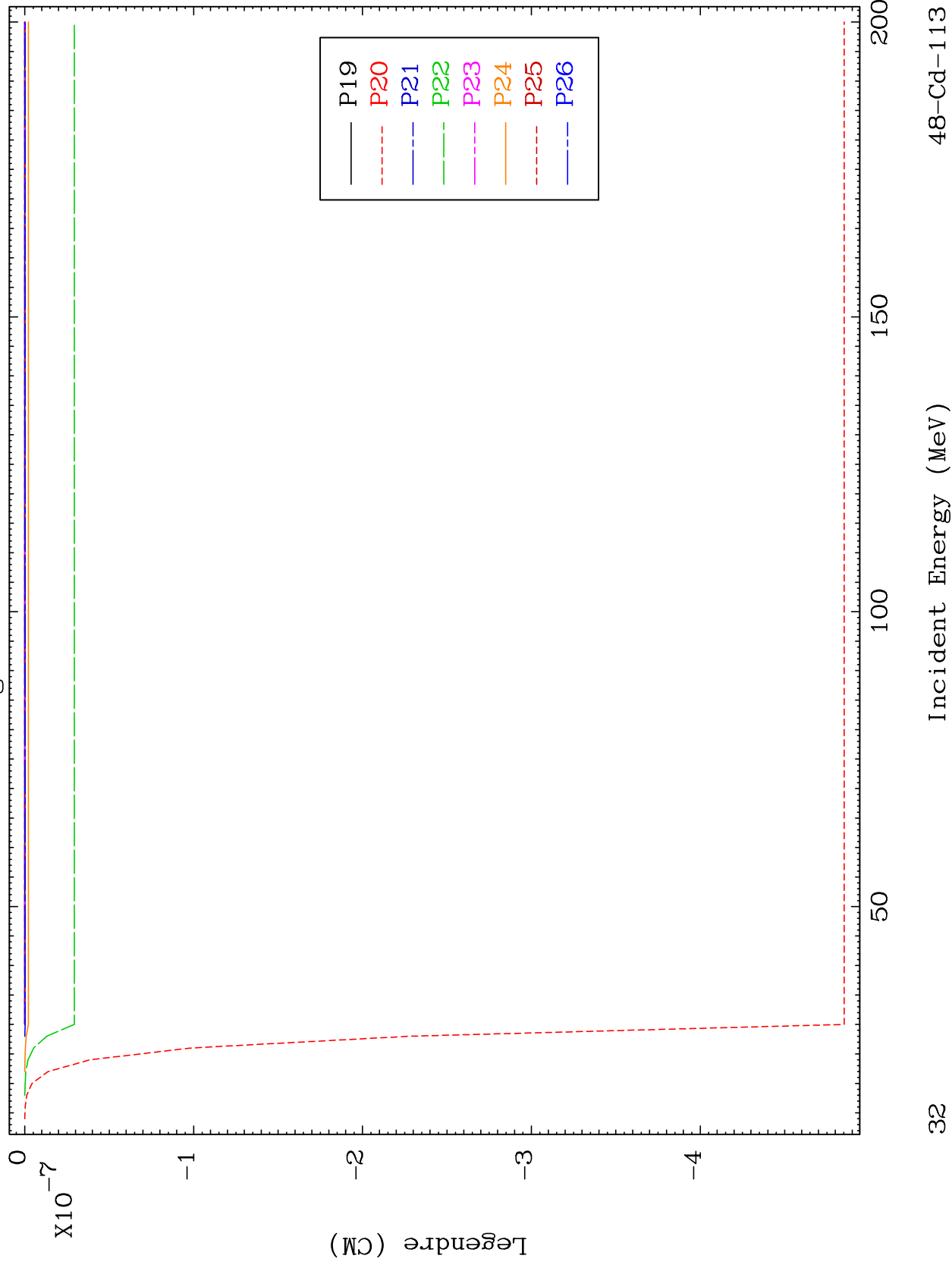
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48-Cd-113

MAT 4846

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

48-Cd-113



32

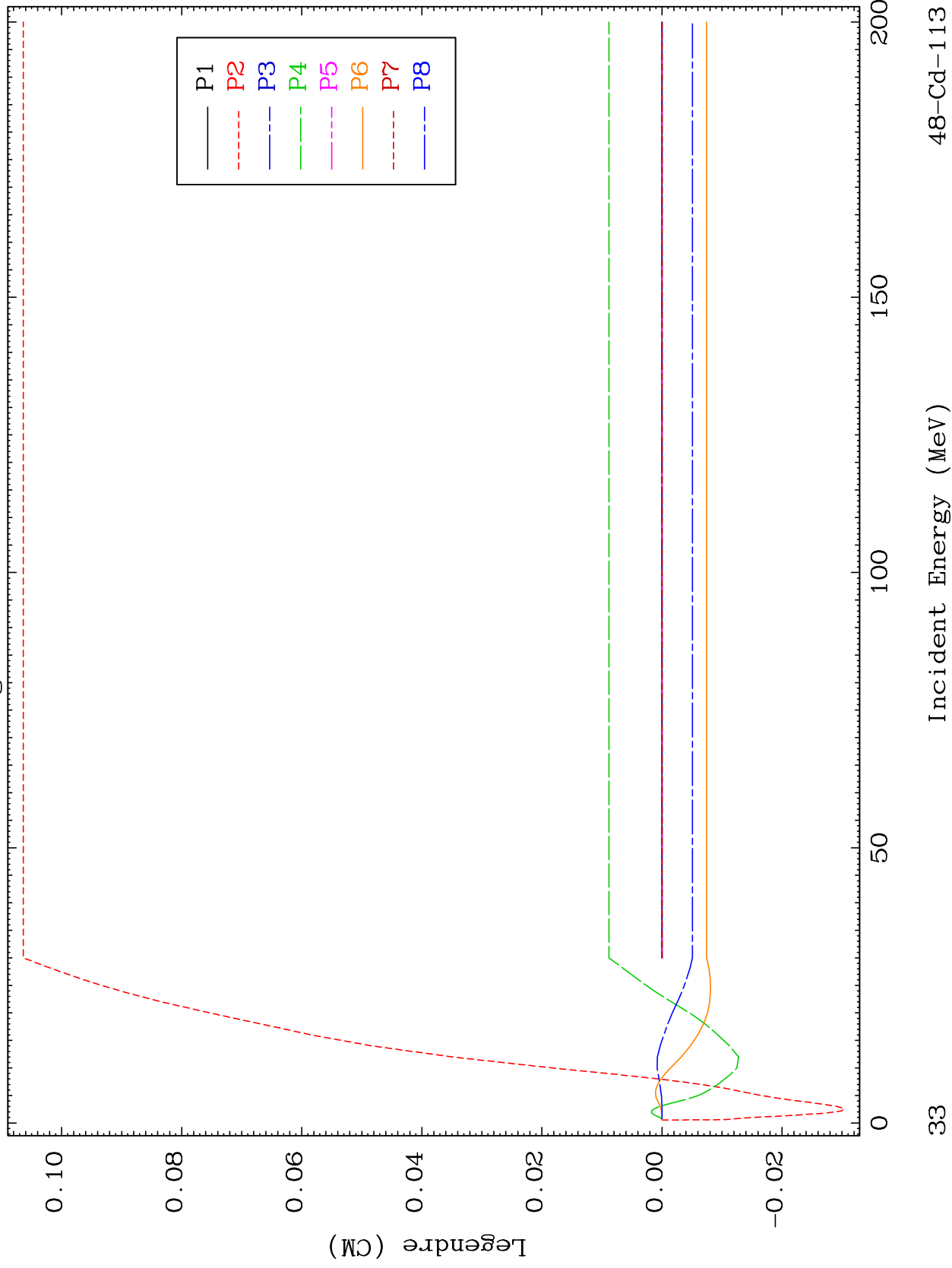
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

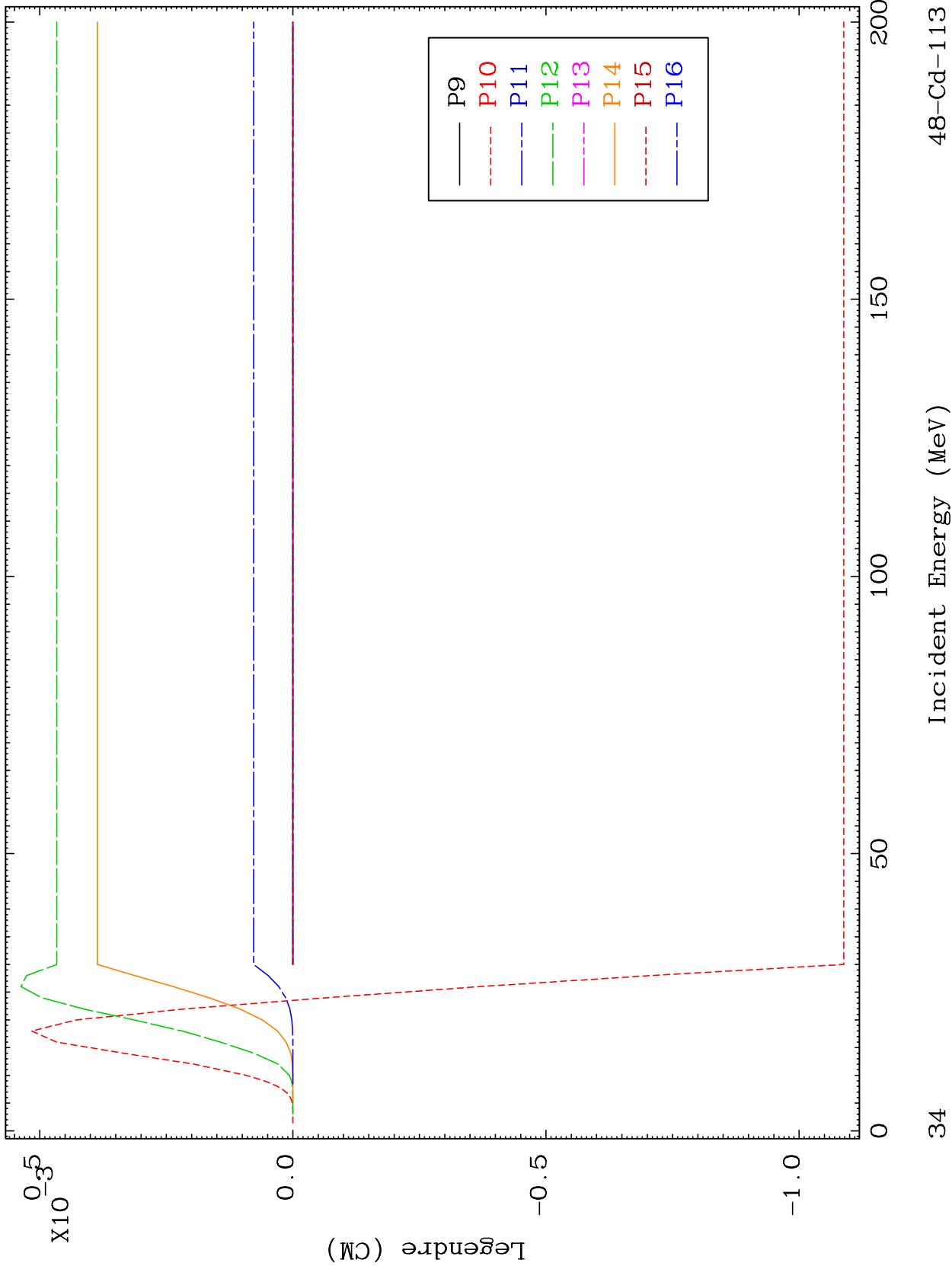
Incident Energy (MeV)

33

MAT 4846

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

48-Cd-113



34

Incident Energy (MeV)

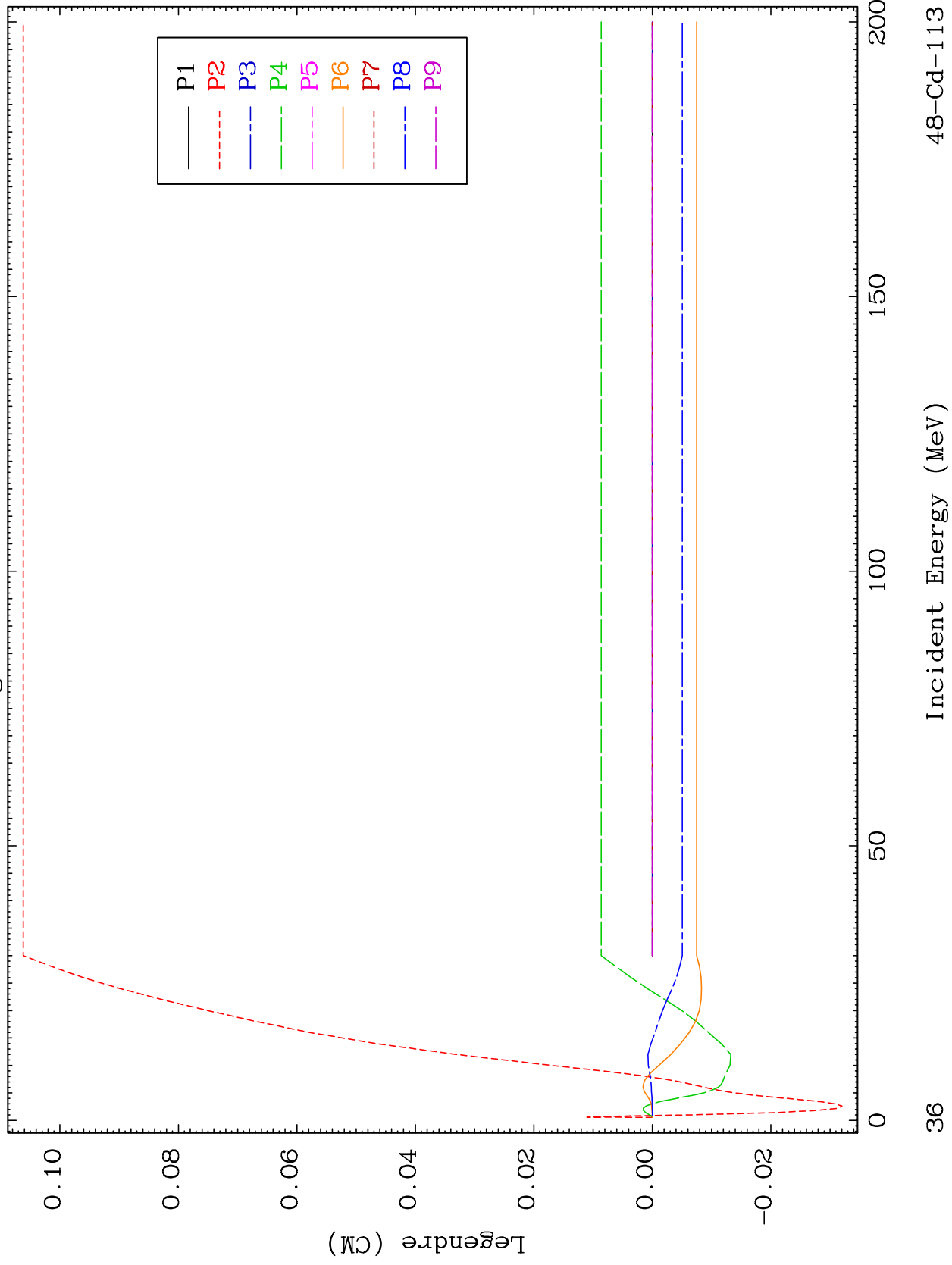
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

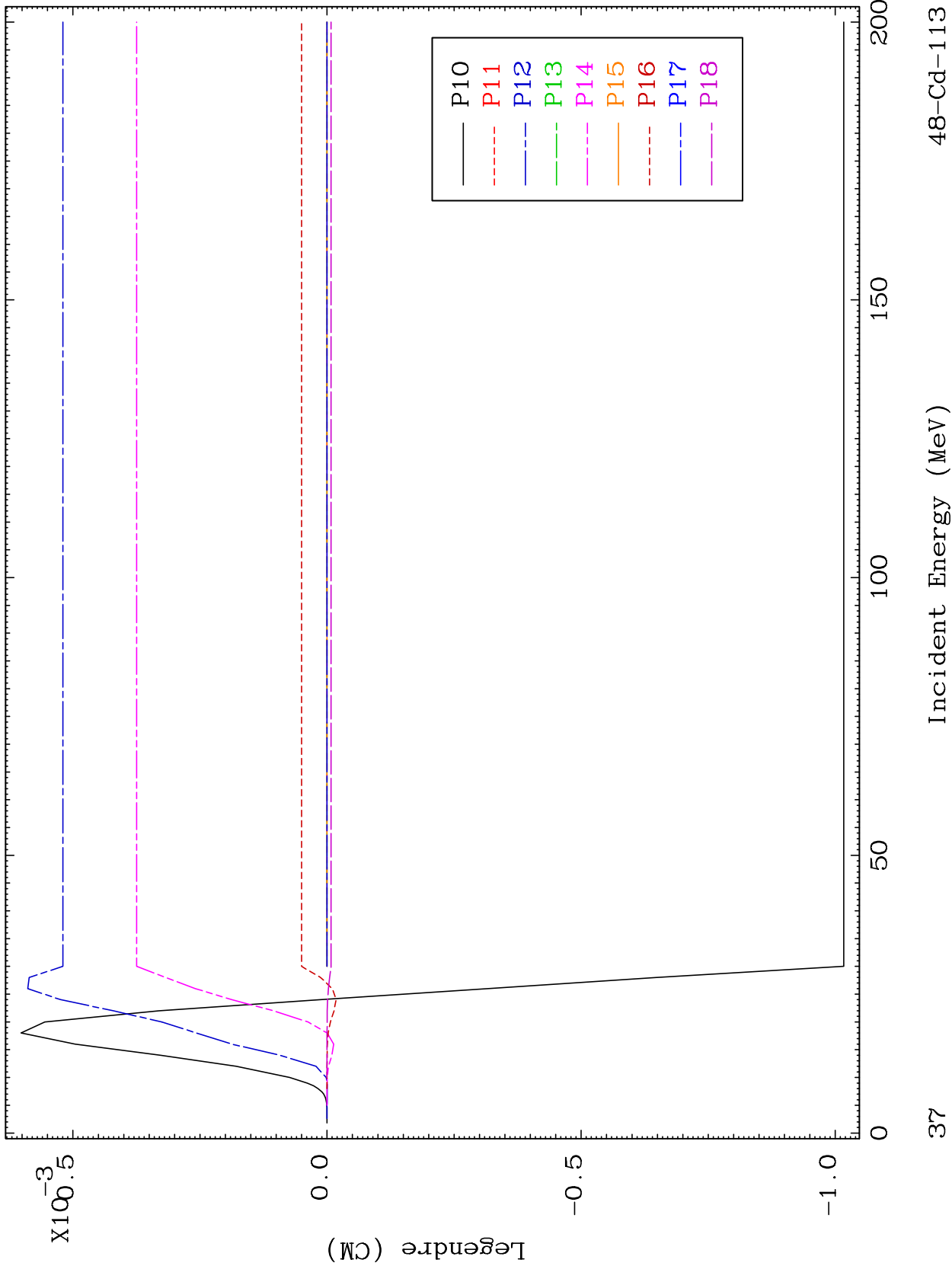
Incident Energy (MeV)

36

MAT 4846

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

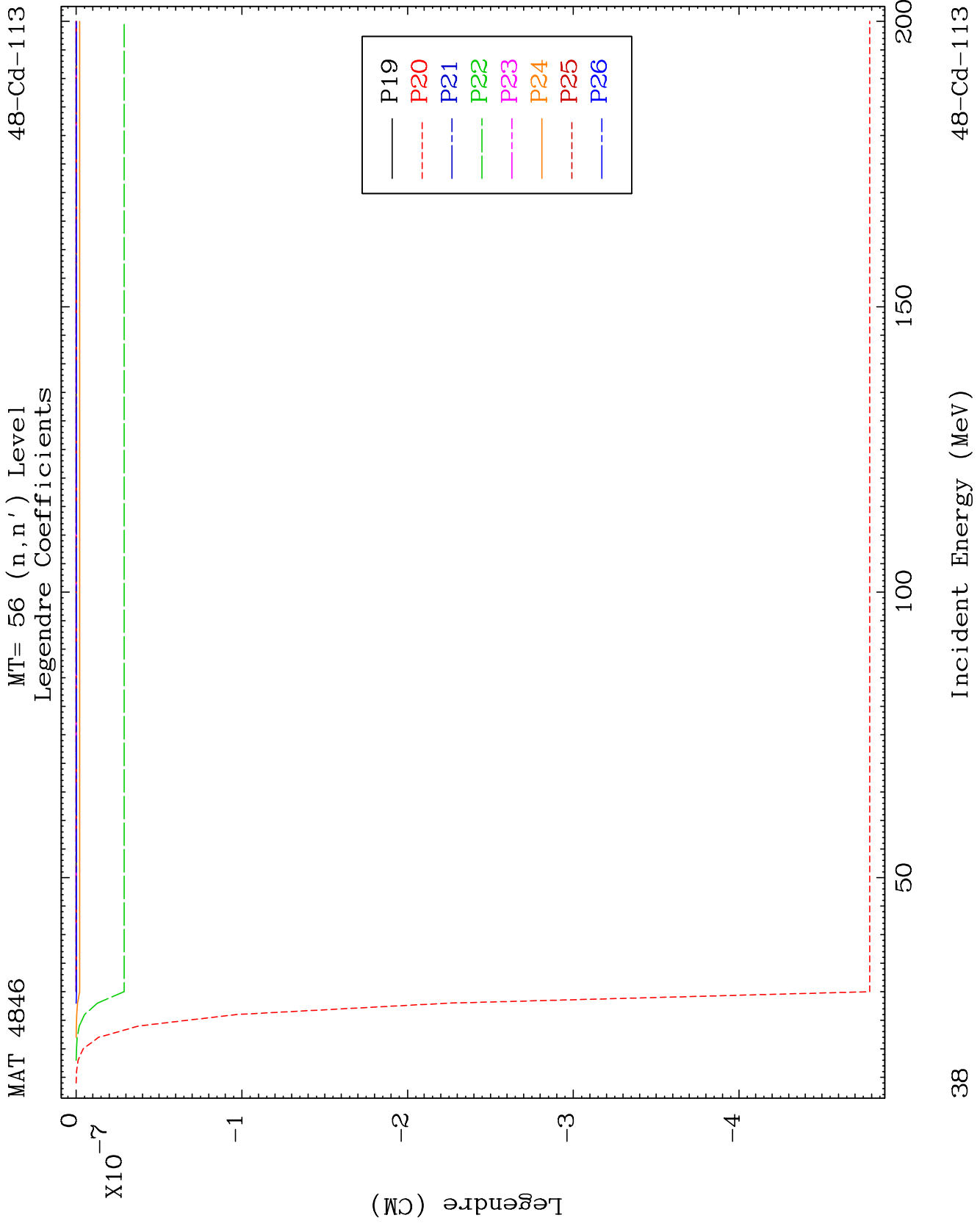
48-Cd-113



37

Incident Energy (MeV)

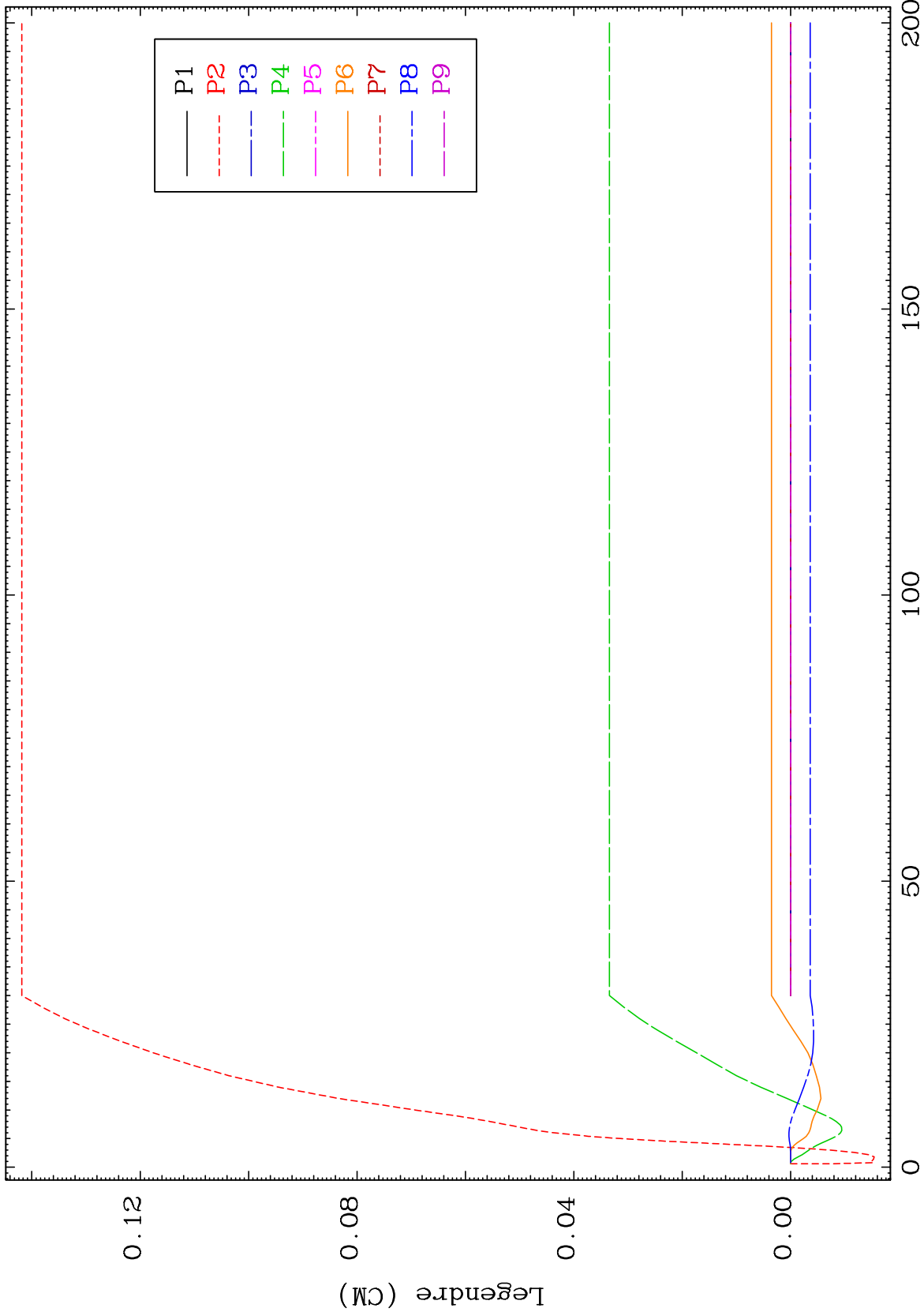
48-Cd-113



MAT 4846

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

48-Cd-113



39

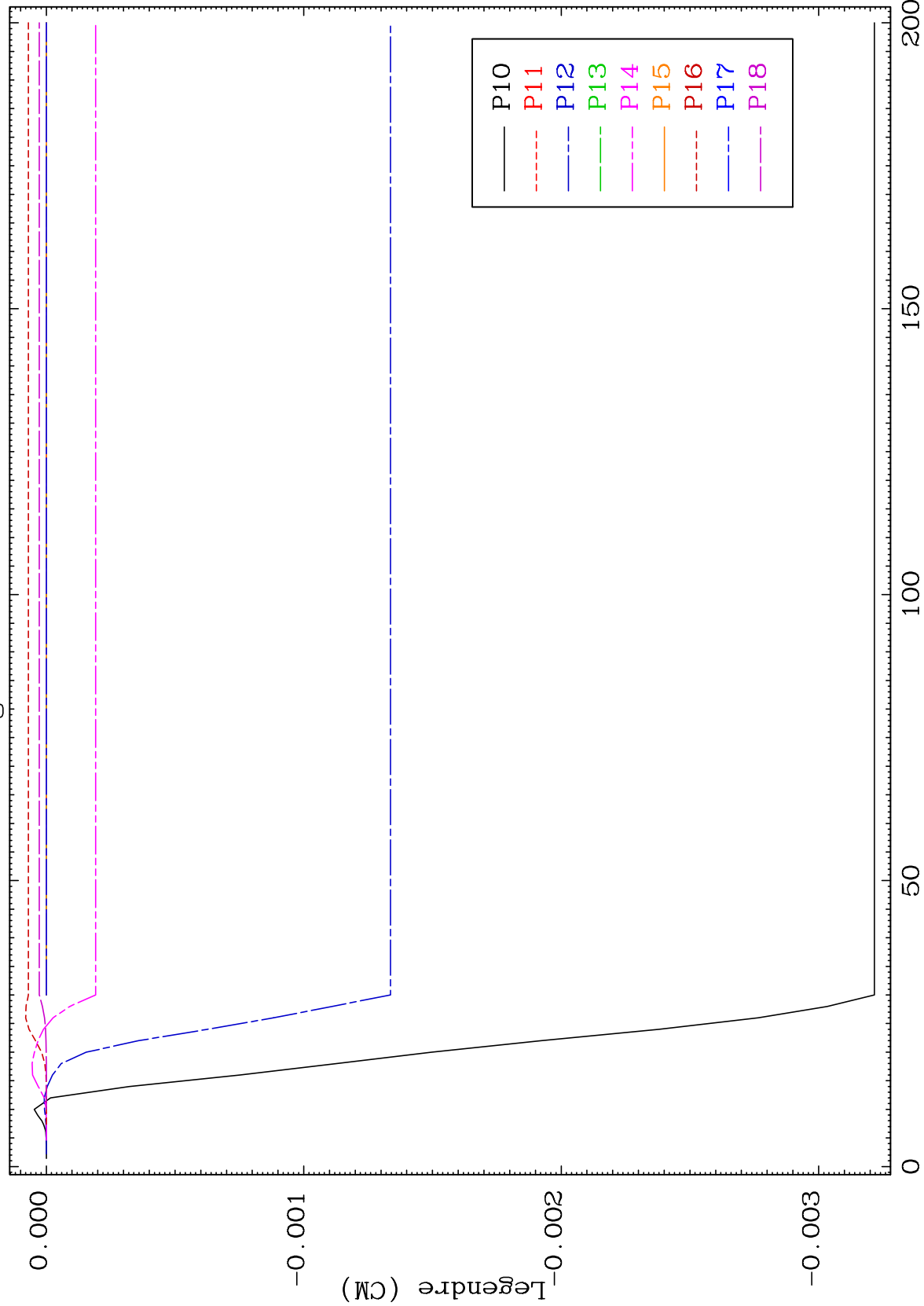
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

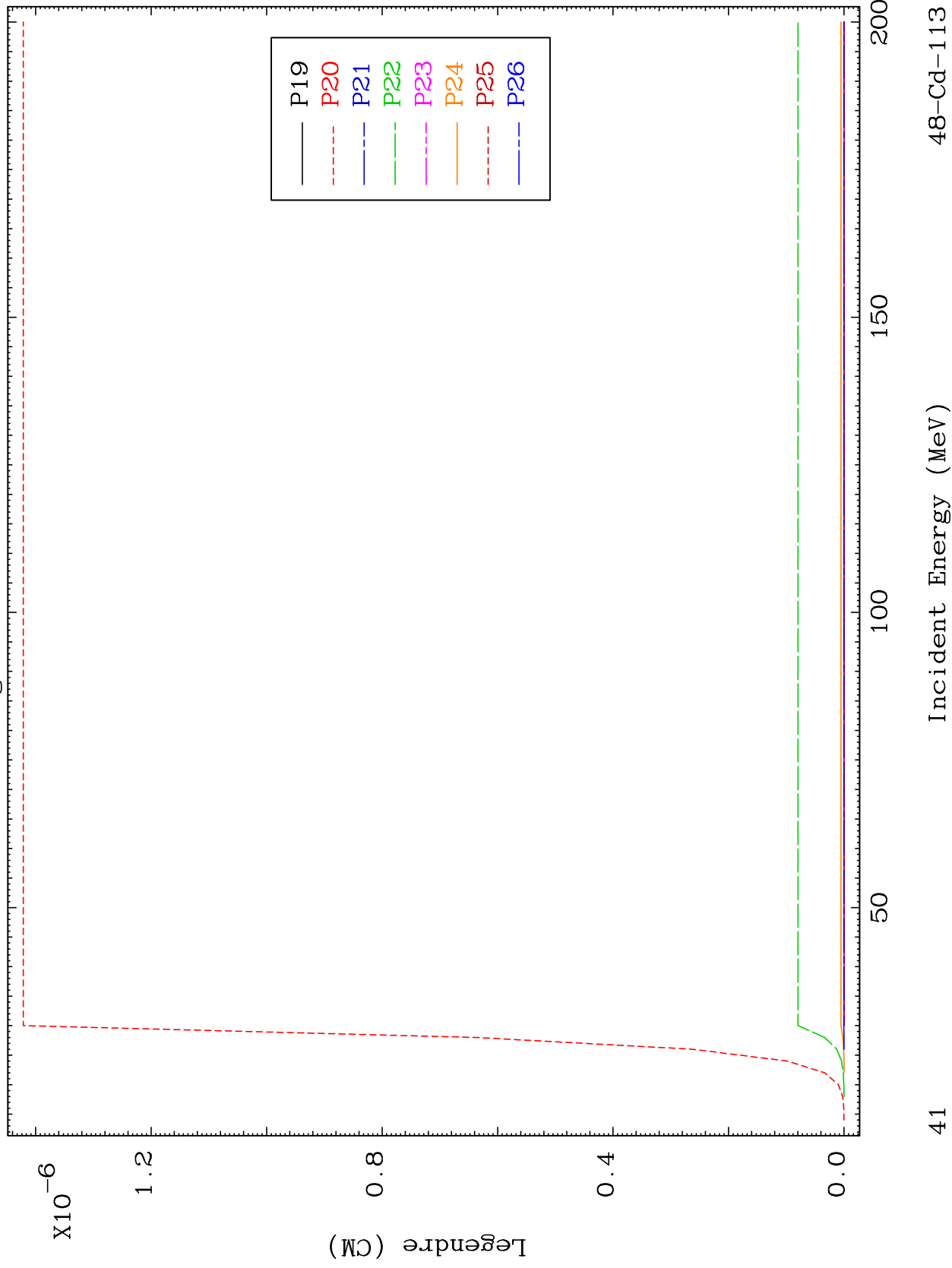
Incident Energy (MeV)

40

MAT 4846

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

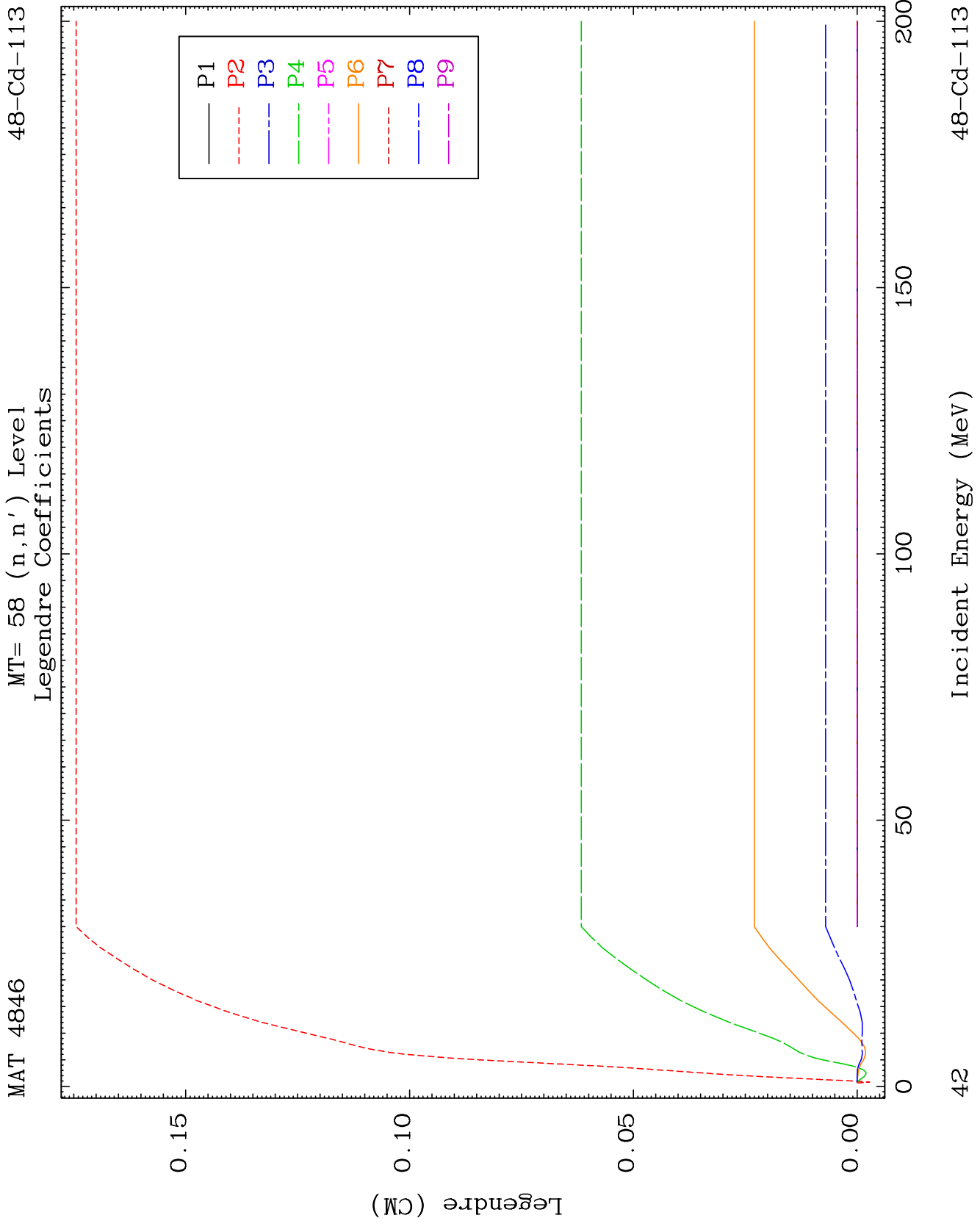
48-Cd-113



41

Incident Energy (MeV)

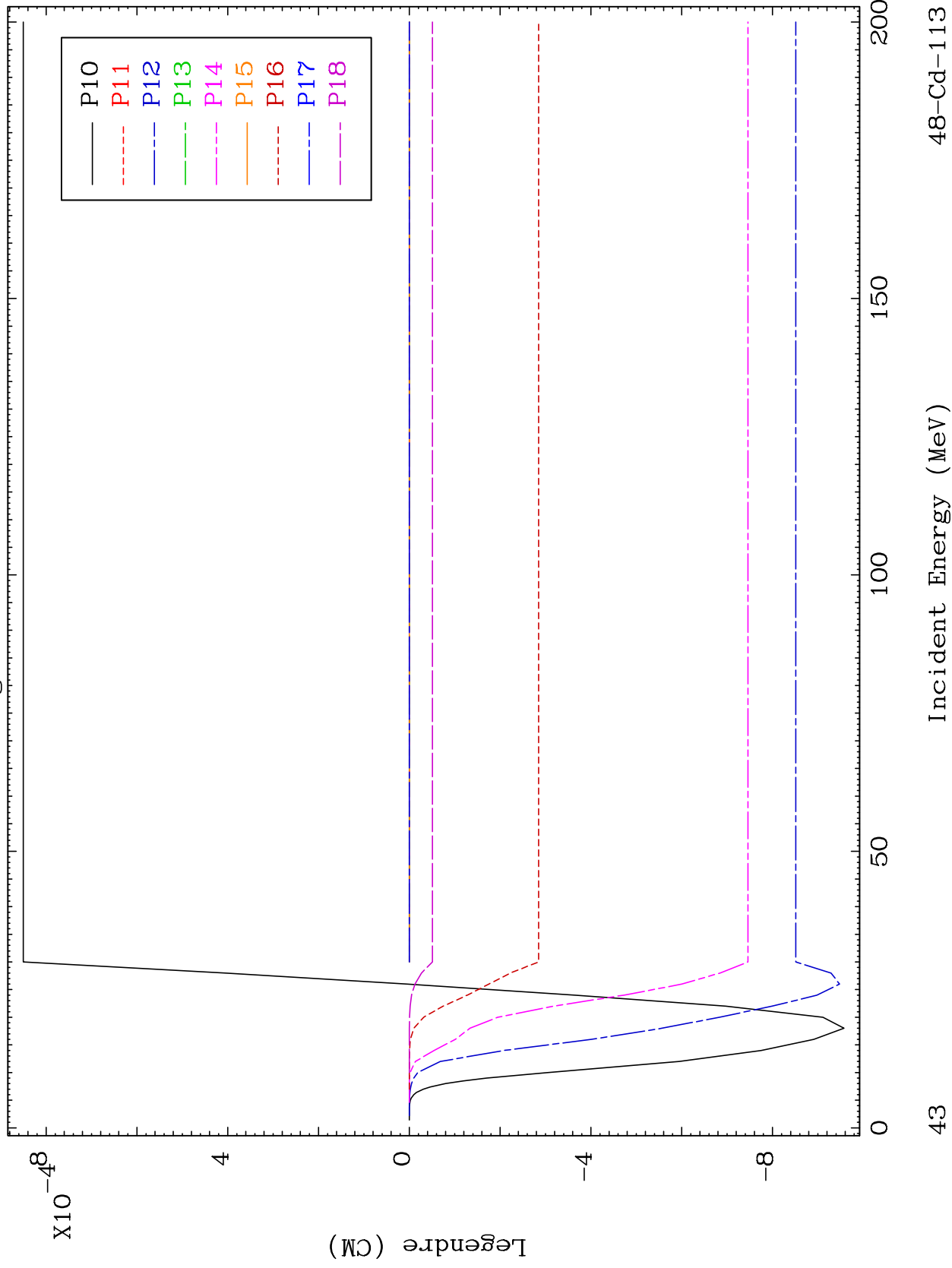
48-Cd-113



MAT 4846

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

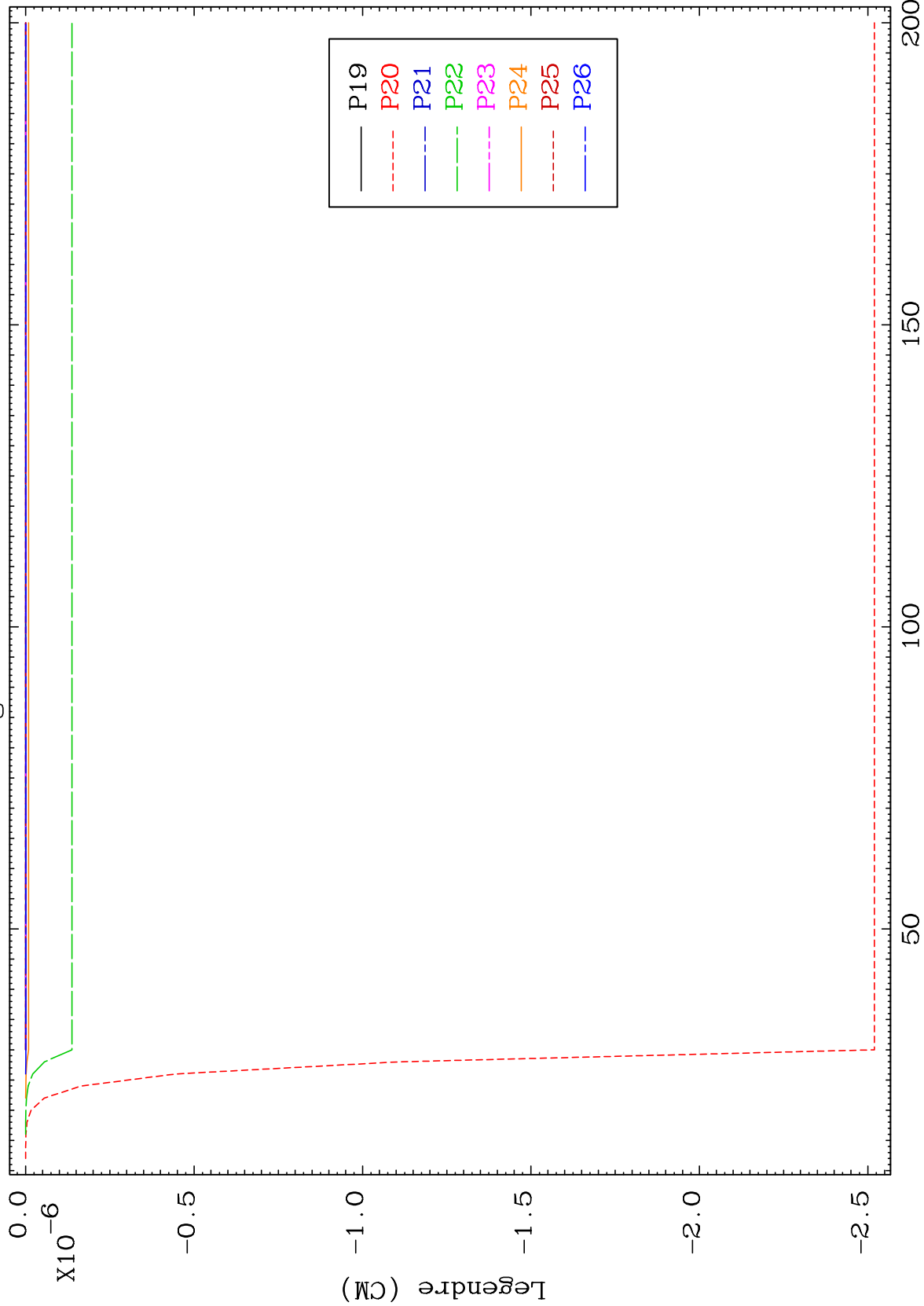
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

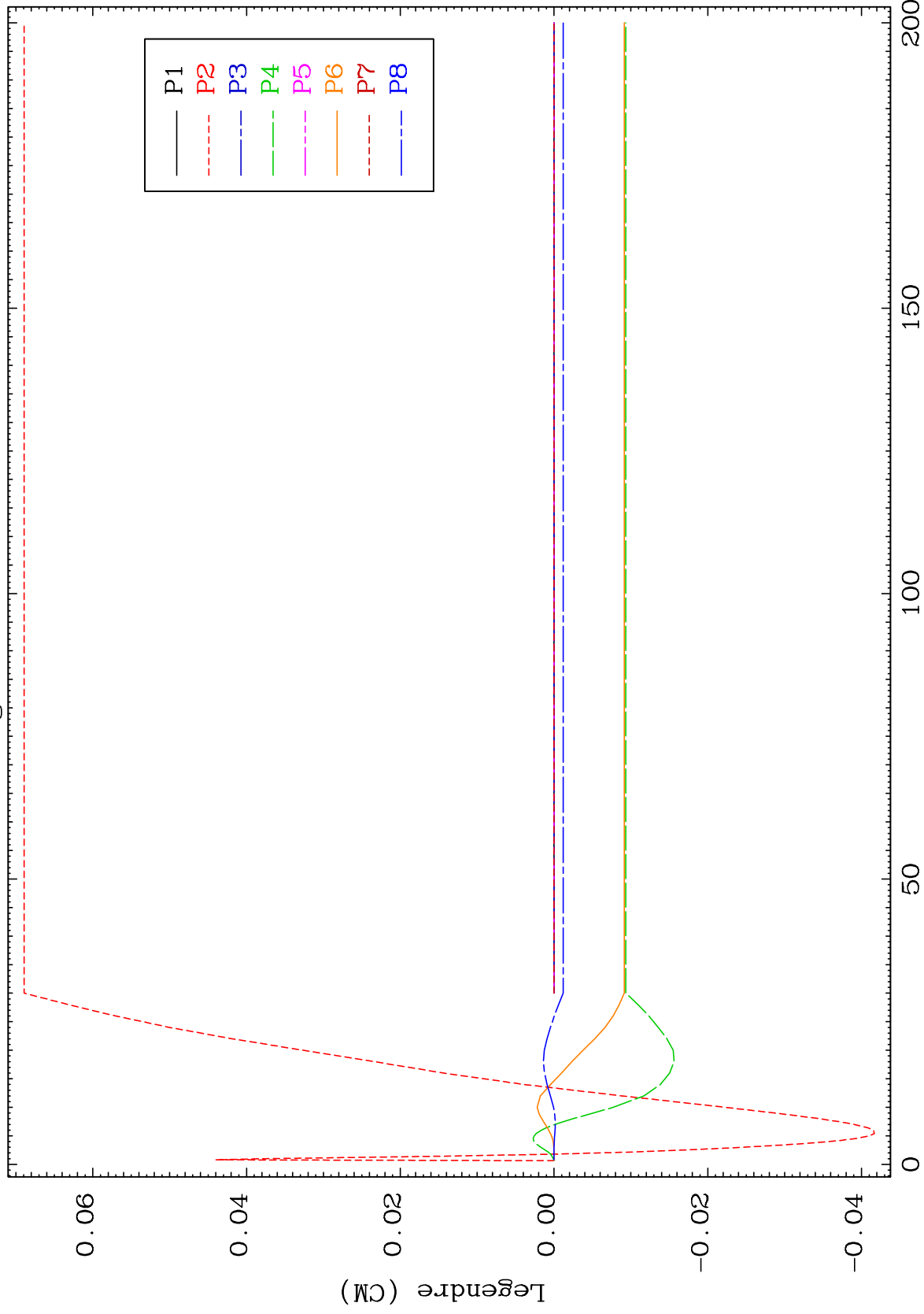
Incident Energy (MeV)

44

MAT 4846

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

48-Cd-113



48-Cd-113

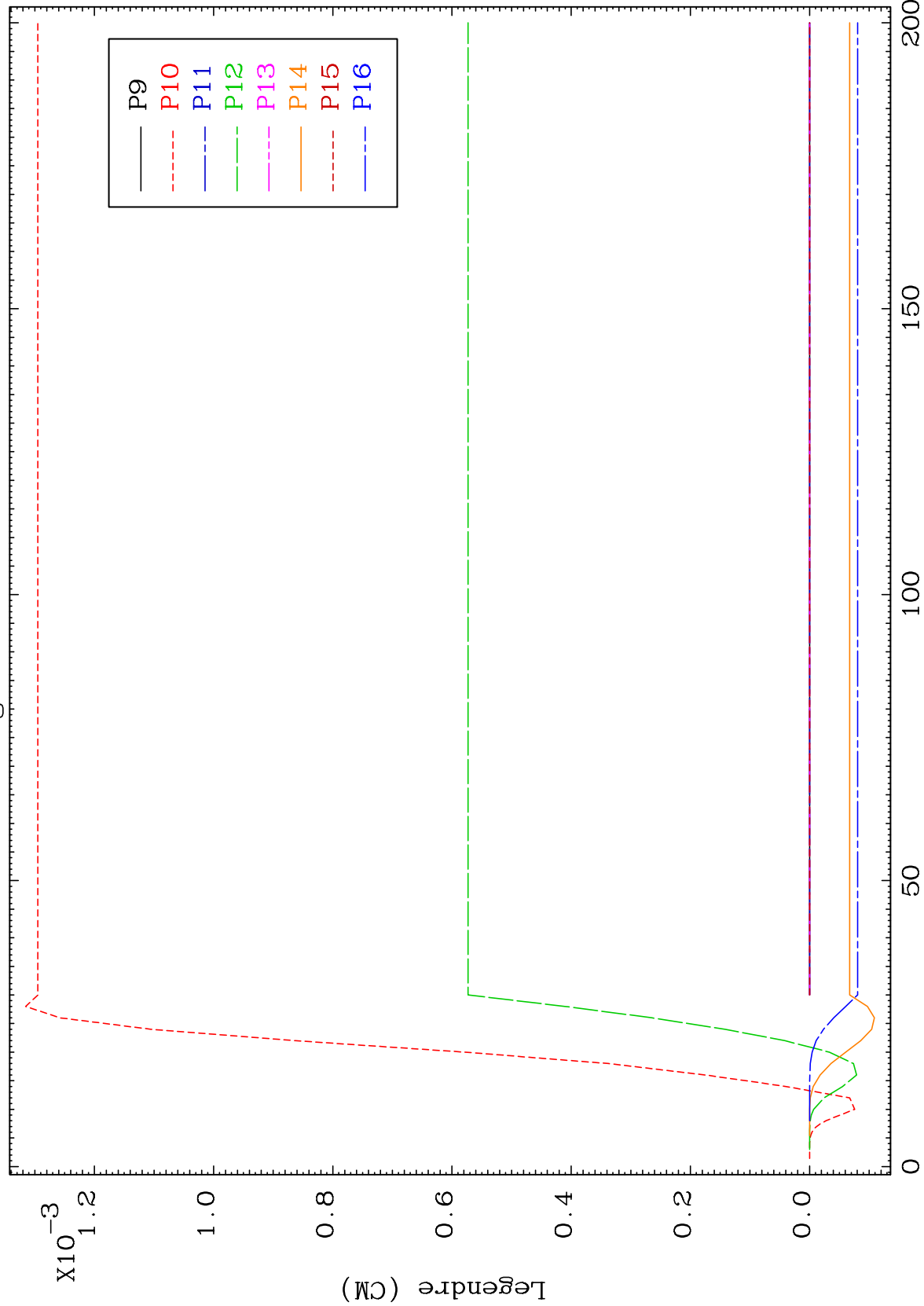
Incident Energy (MeV)

45

MAT 4846

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

48-Cd-113

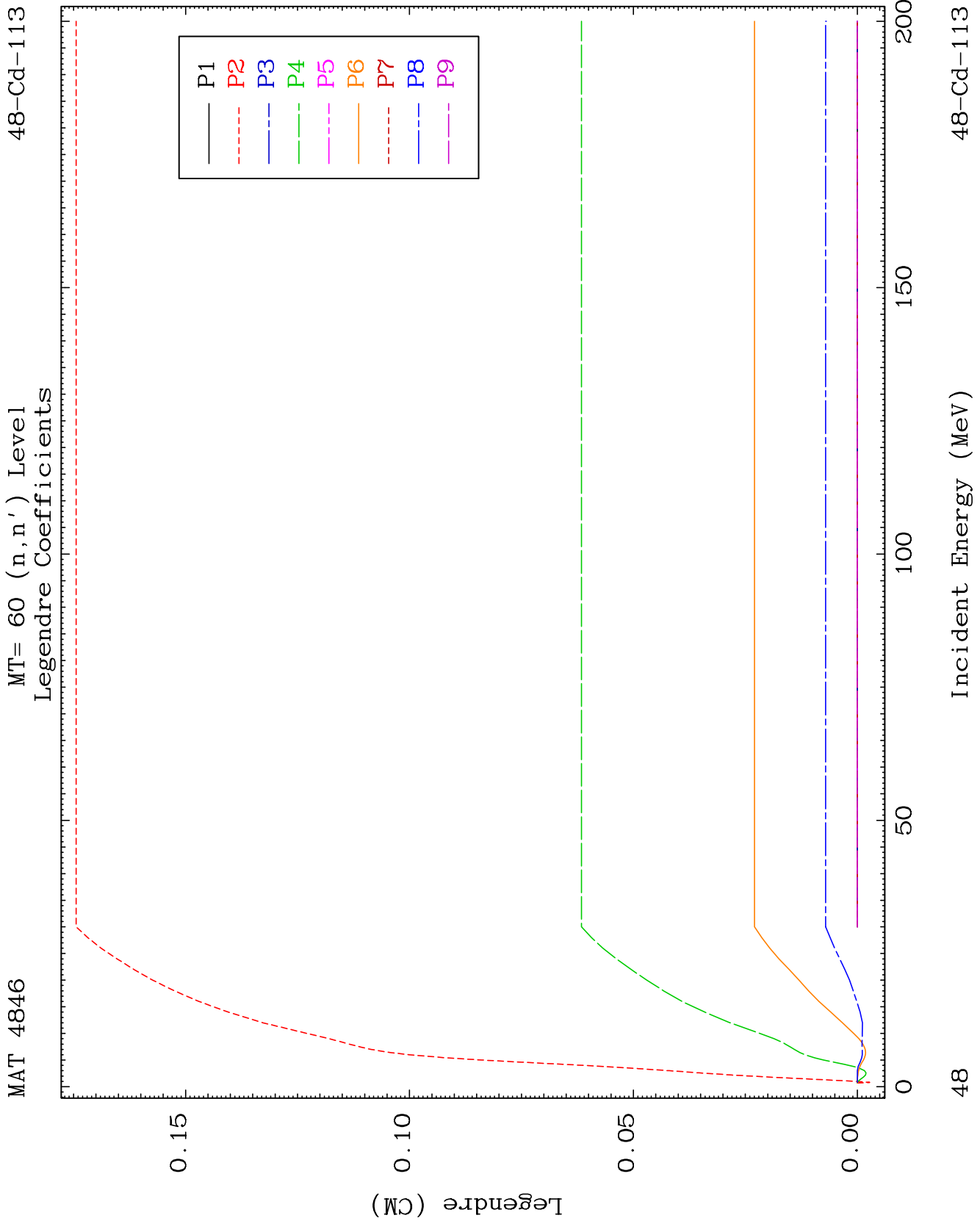


46

Incident Energy (MeV)

48-Cd-113

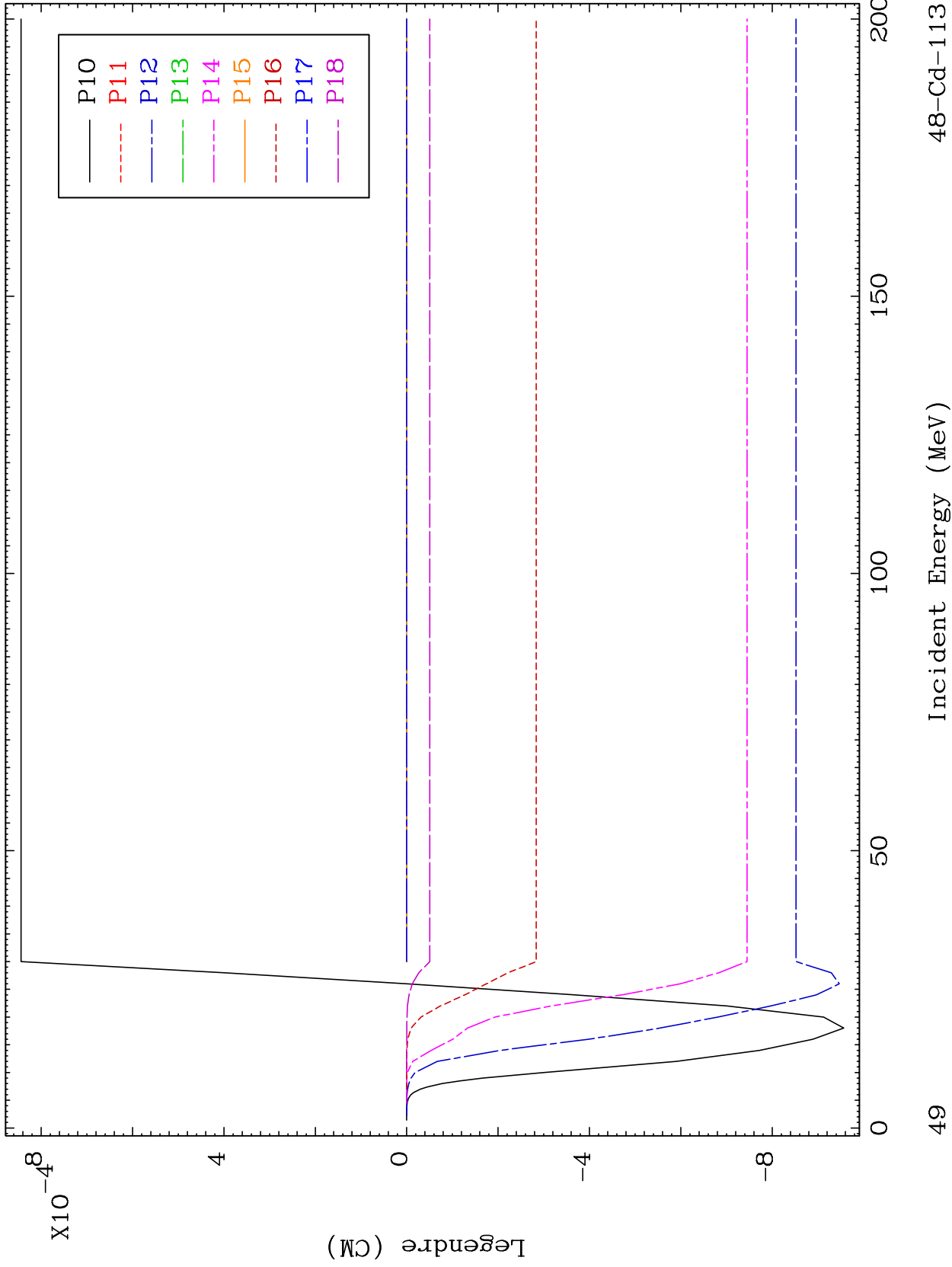




MAT 4846

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

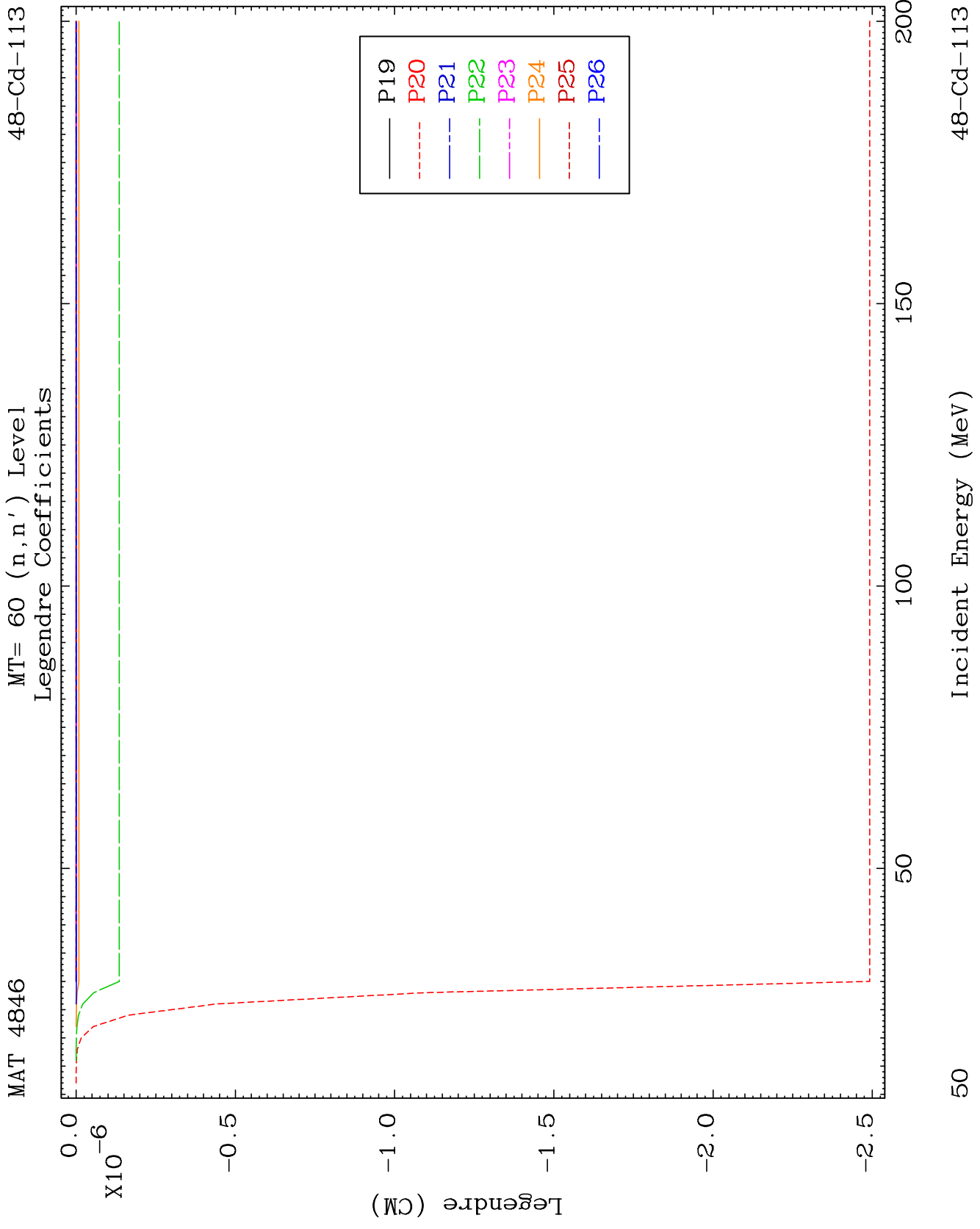
48-Cd-113



48-Cd-113

Incident Energy (MeV)

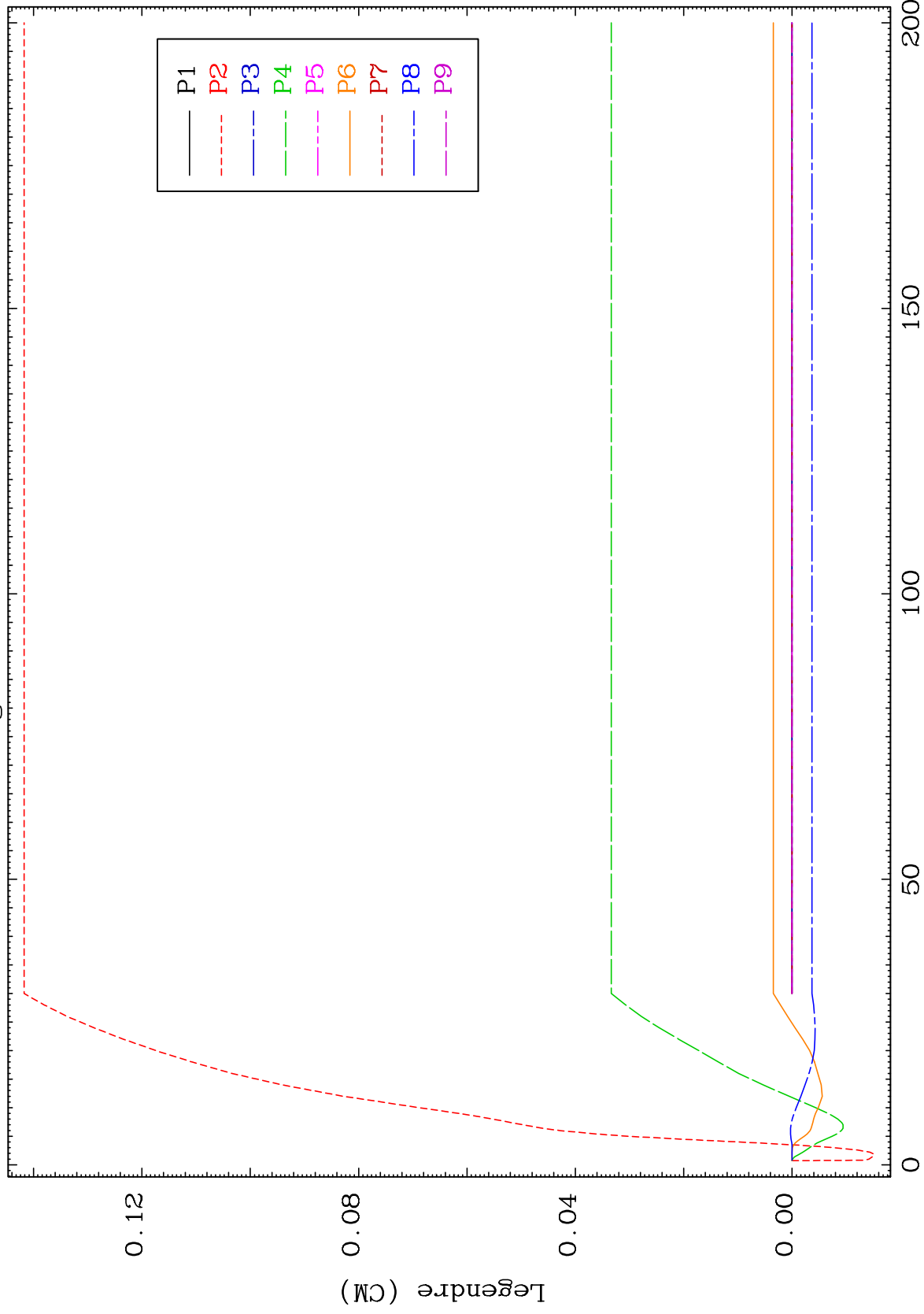
49



MAT 4846

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

48-Cd-113



51

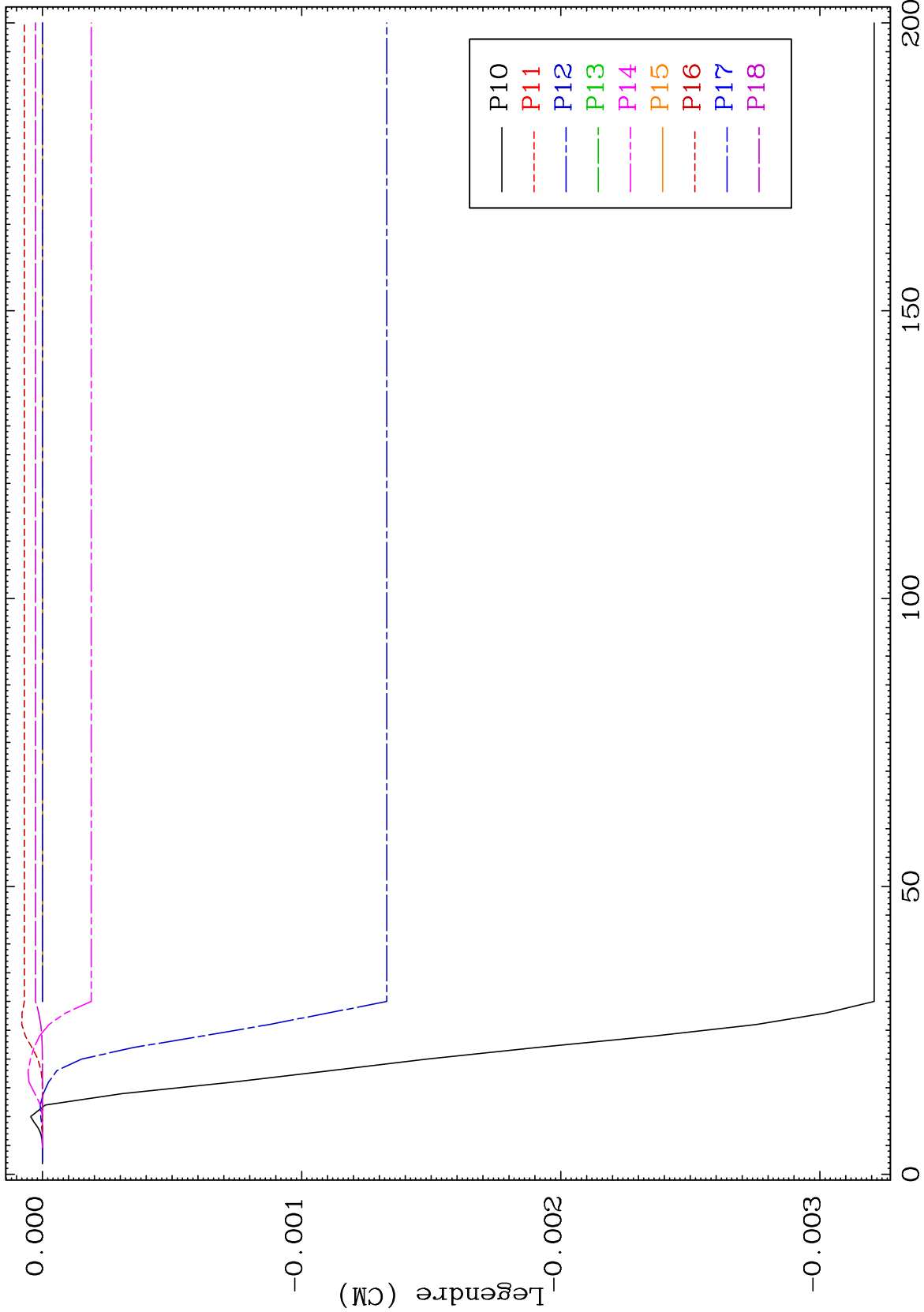
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



52

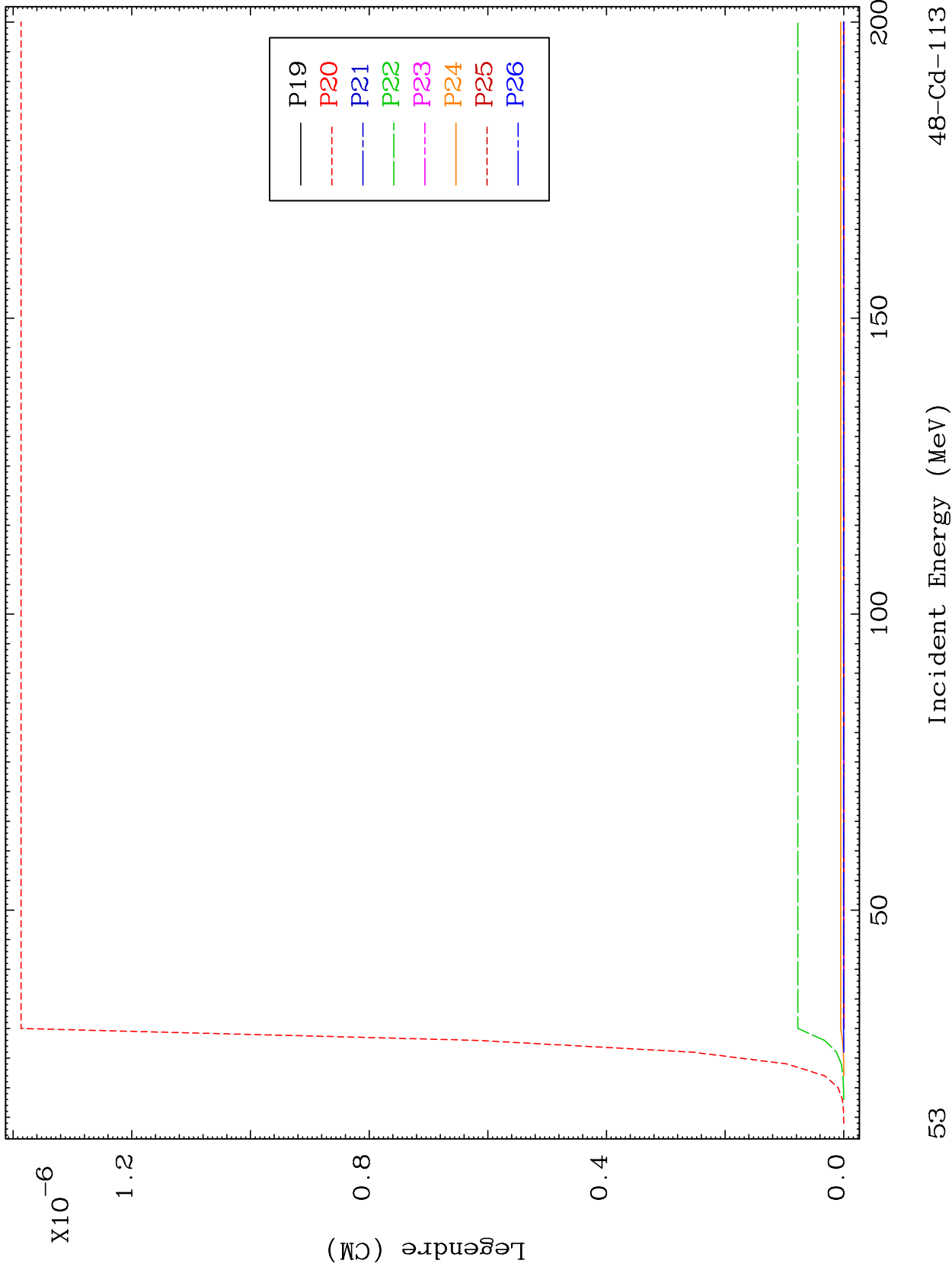
Incident Energy (MeV)

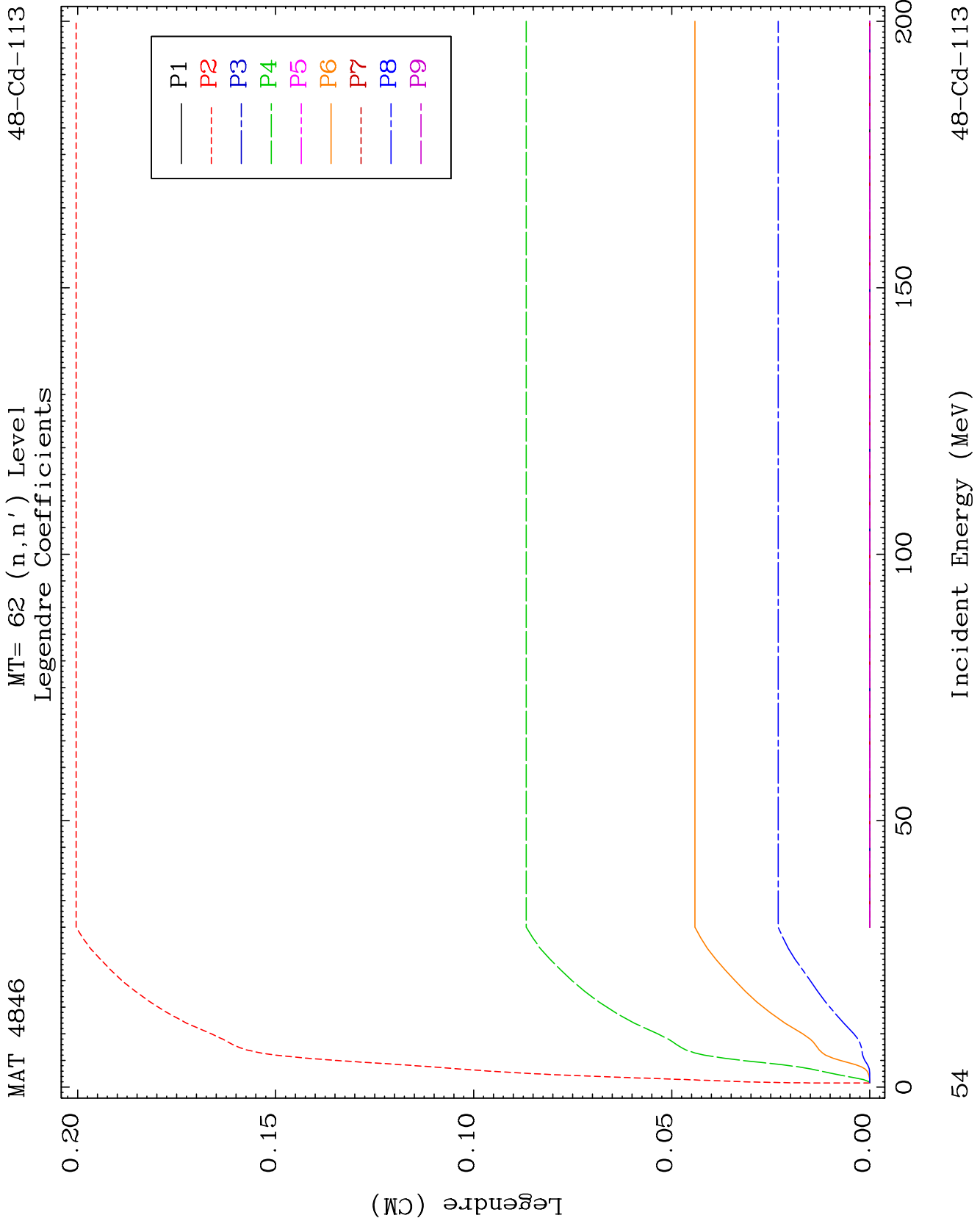
48-Cd-113

MAT 4846

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

48-Cd-113

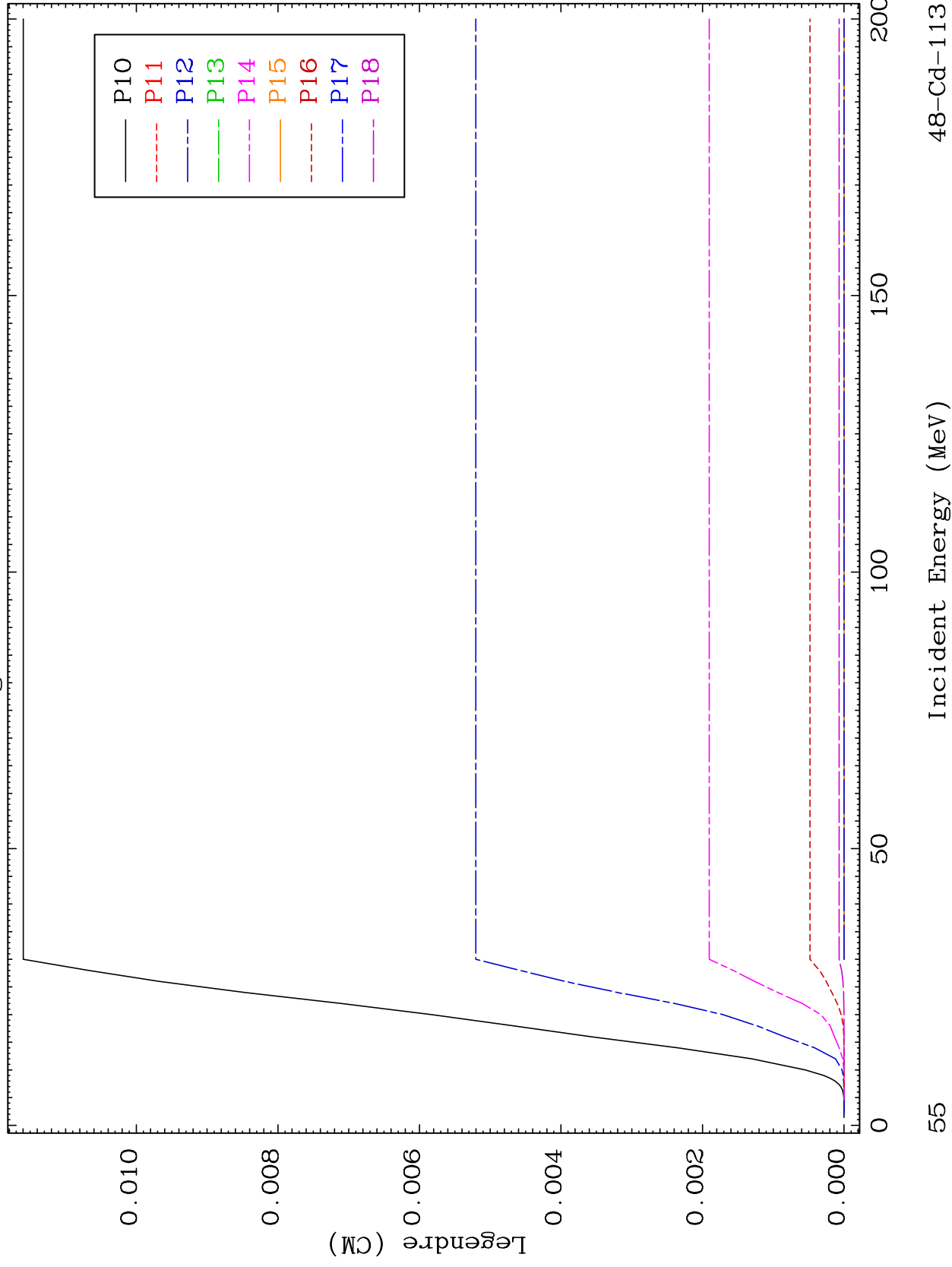




MAT 4846

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

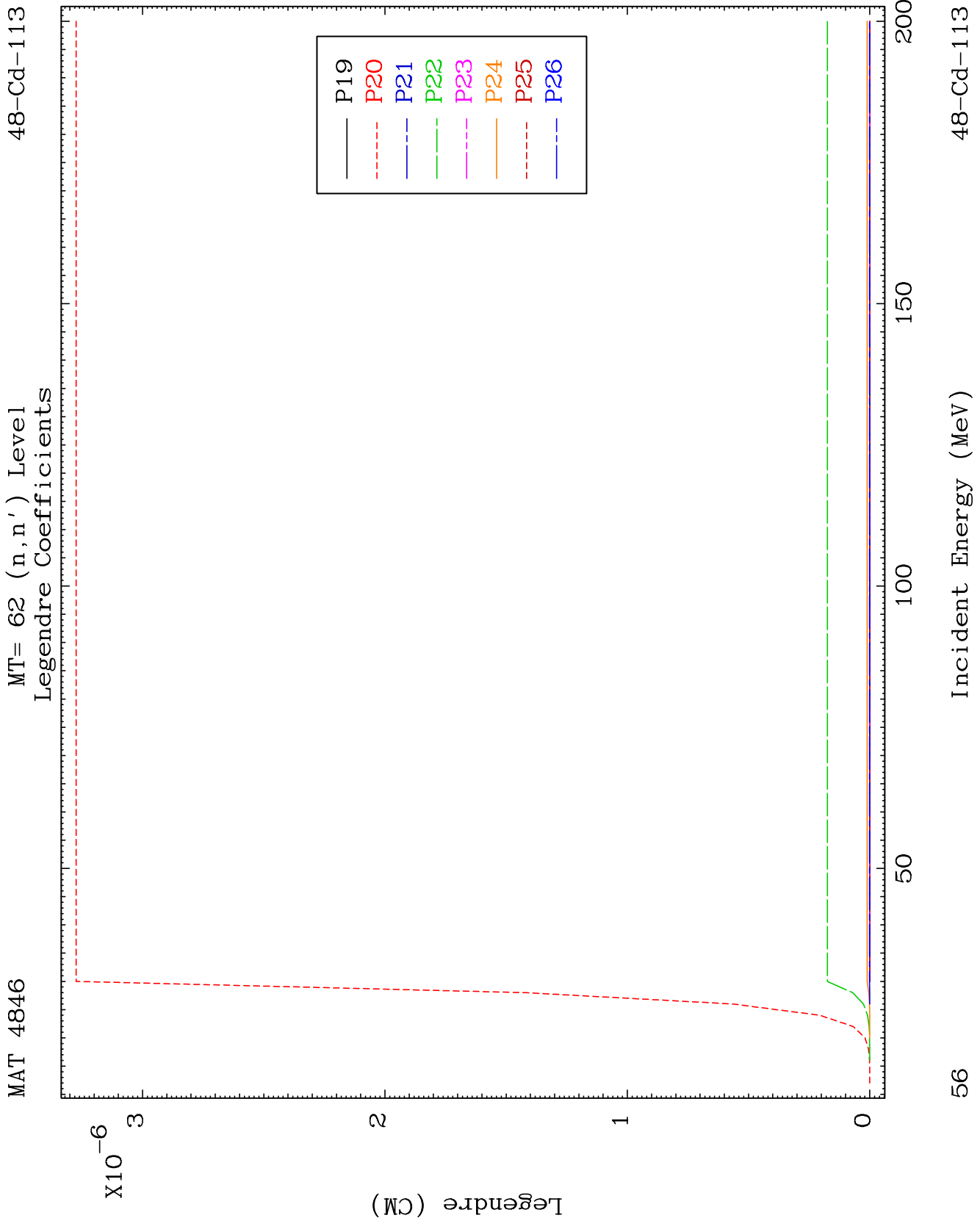
48-Cd-113



48-Cd-113

Incident Energy (MeV)

55



48-Cd-113

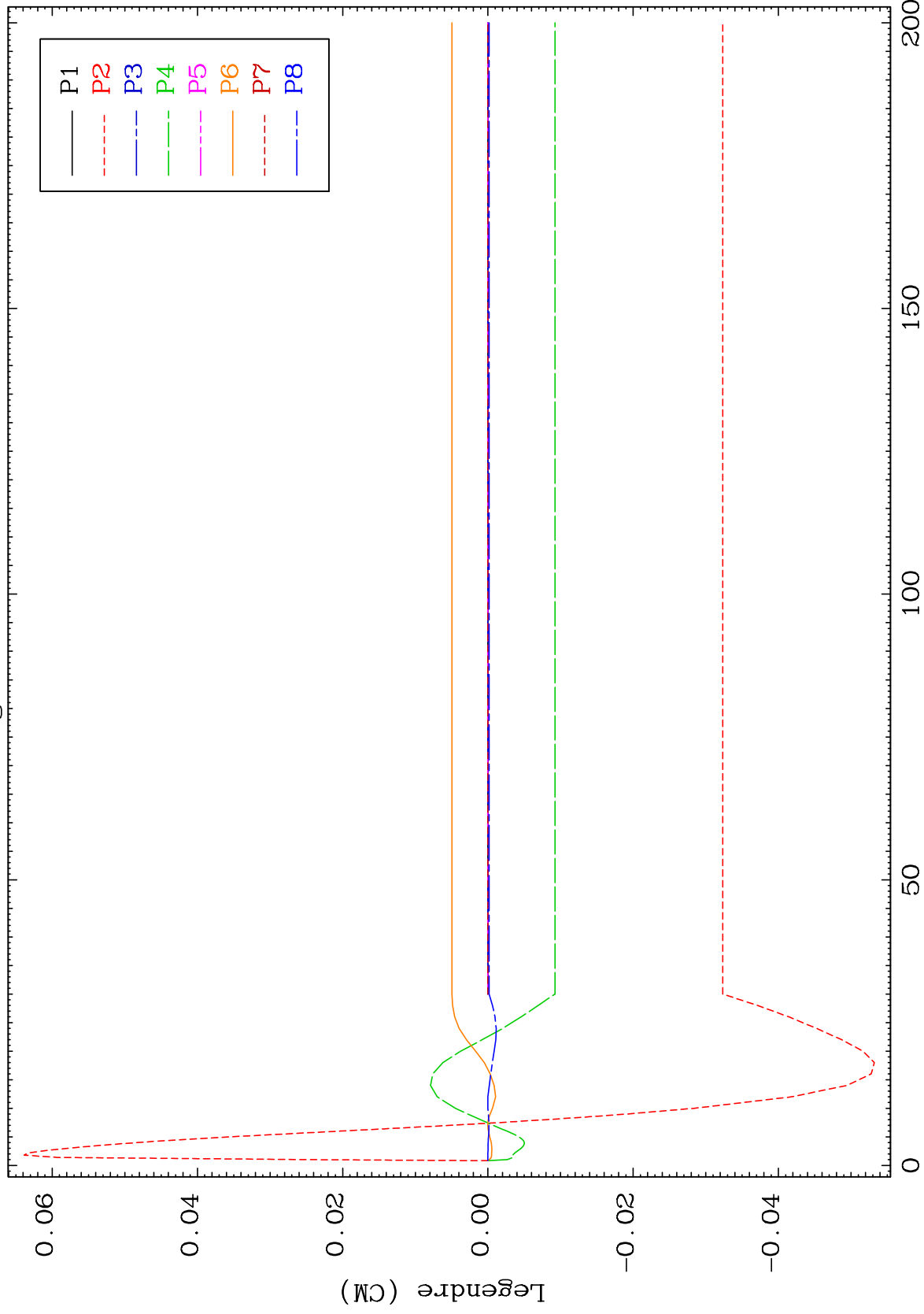
Incident Energy (MeV)

56

MAT 4846

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

48-Cd-113



57

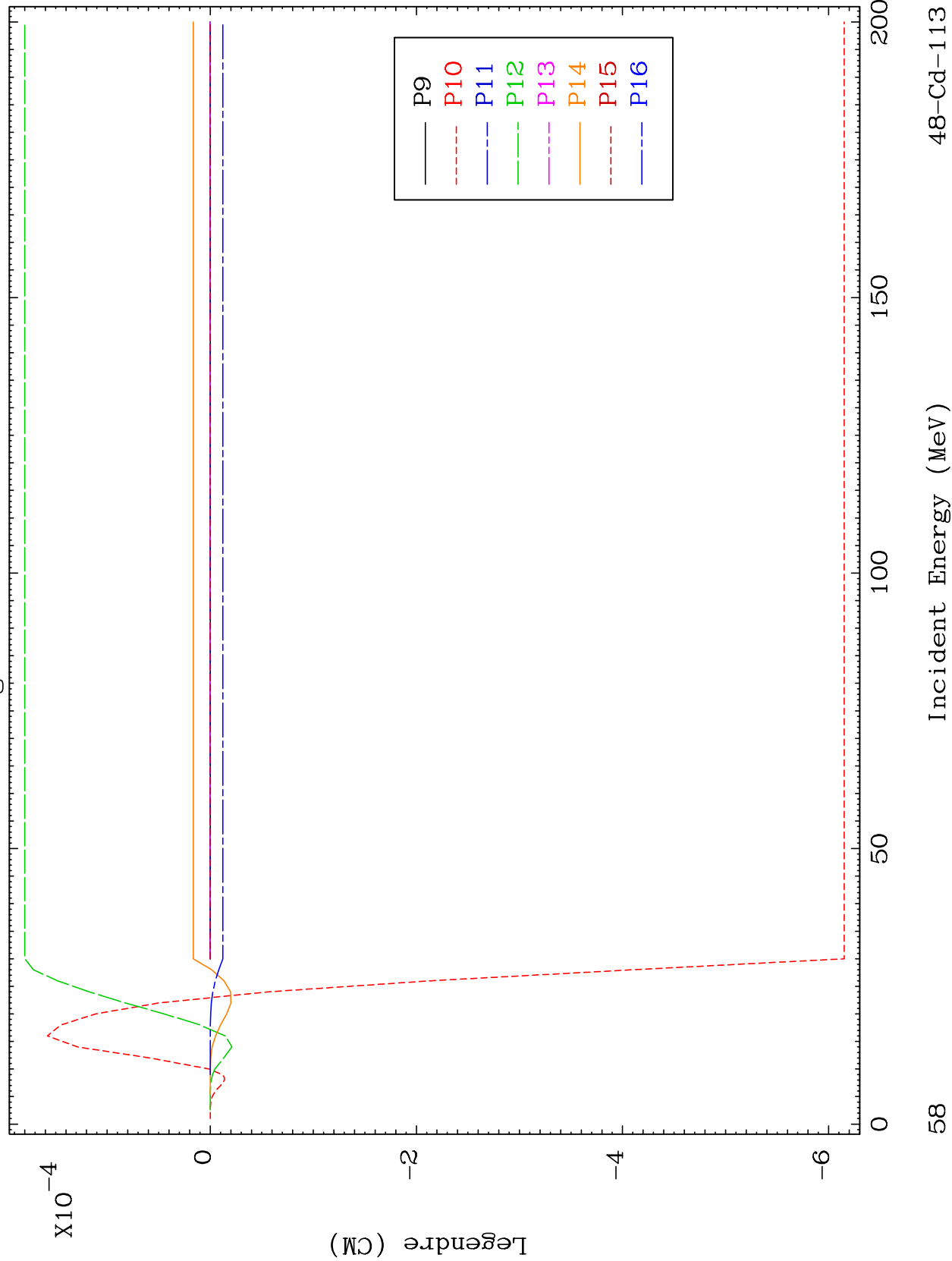
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

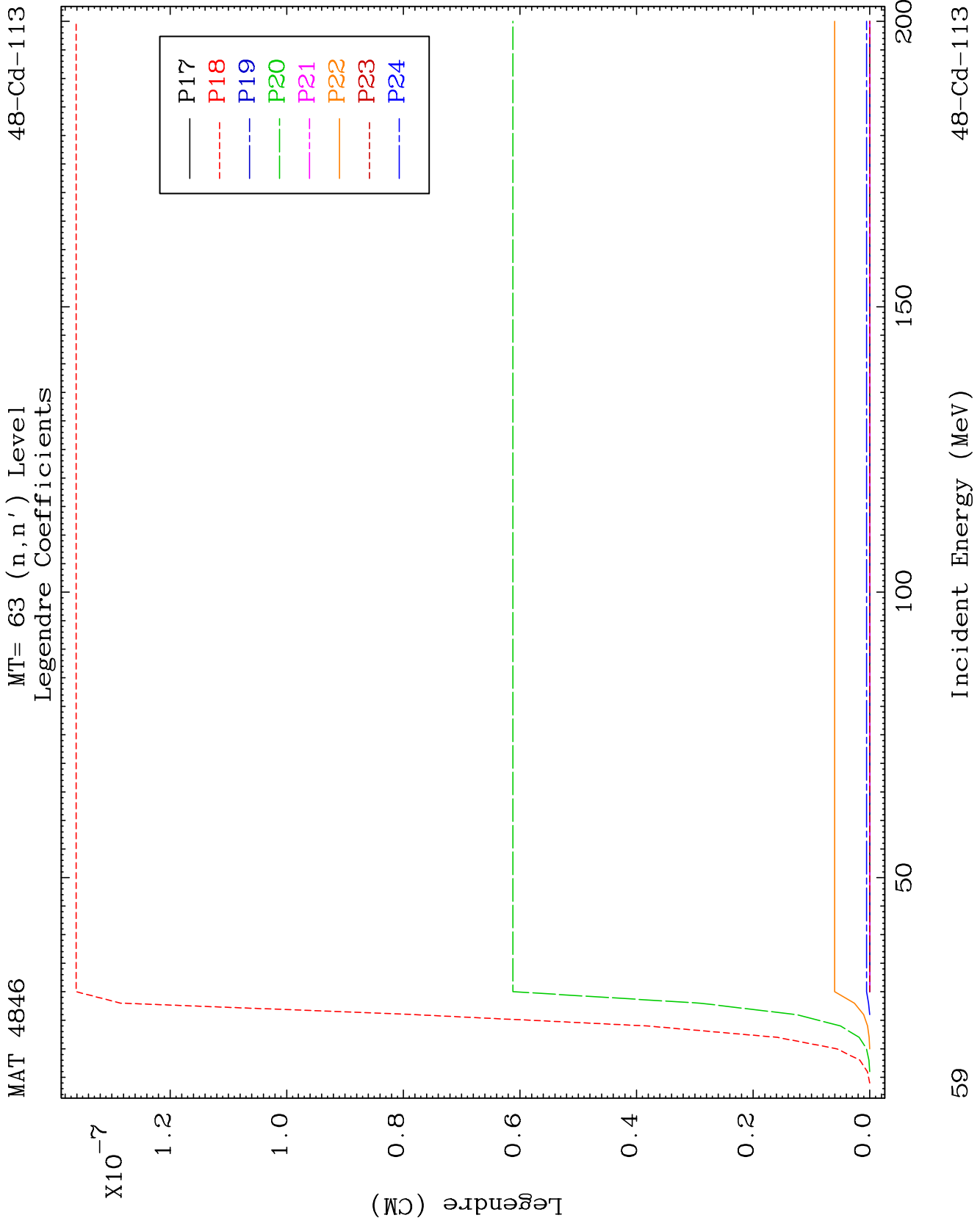
48-Cd-113



58

Incident Energy (MeV)

48-Cd-113

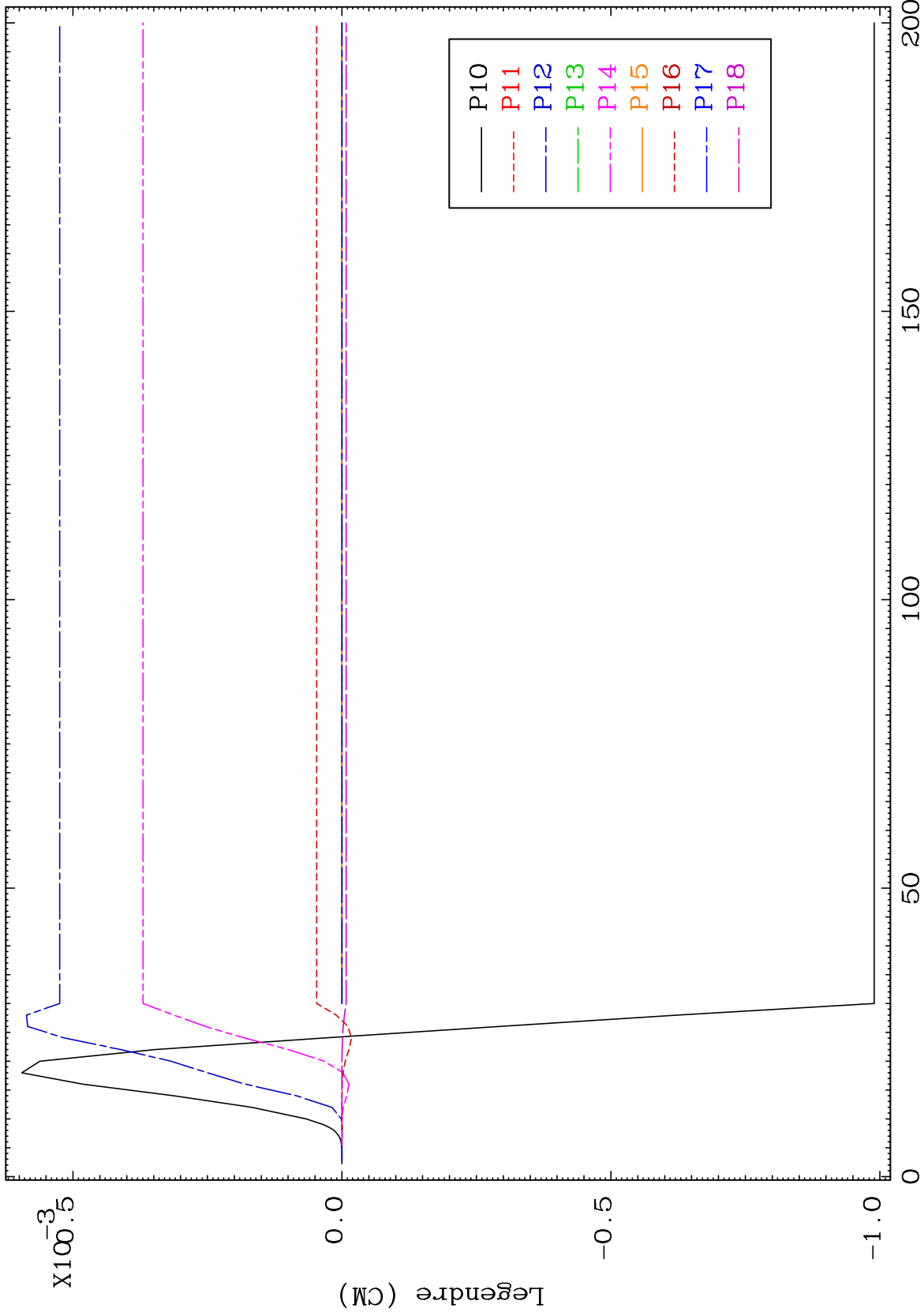




MAT 4846

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

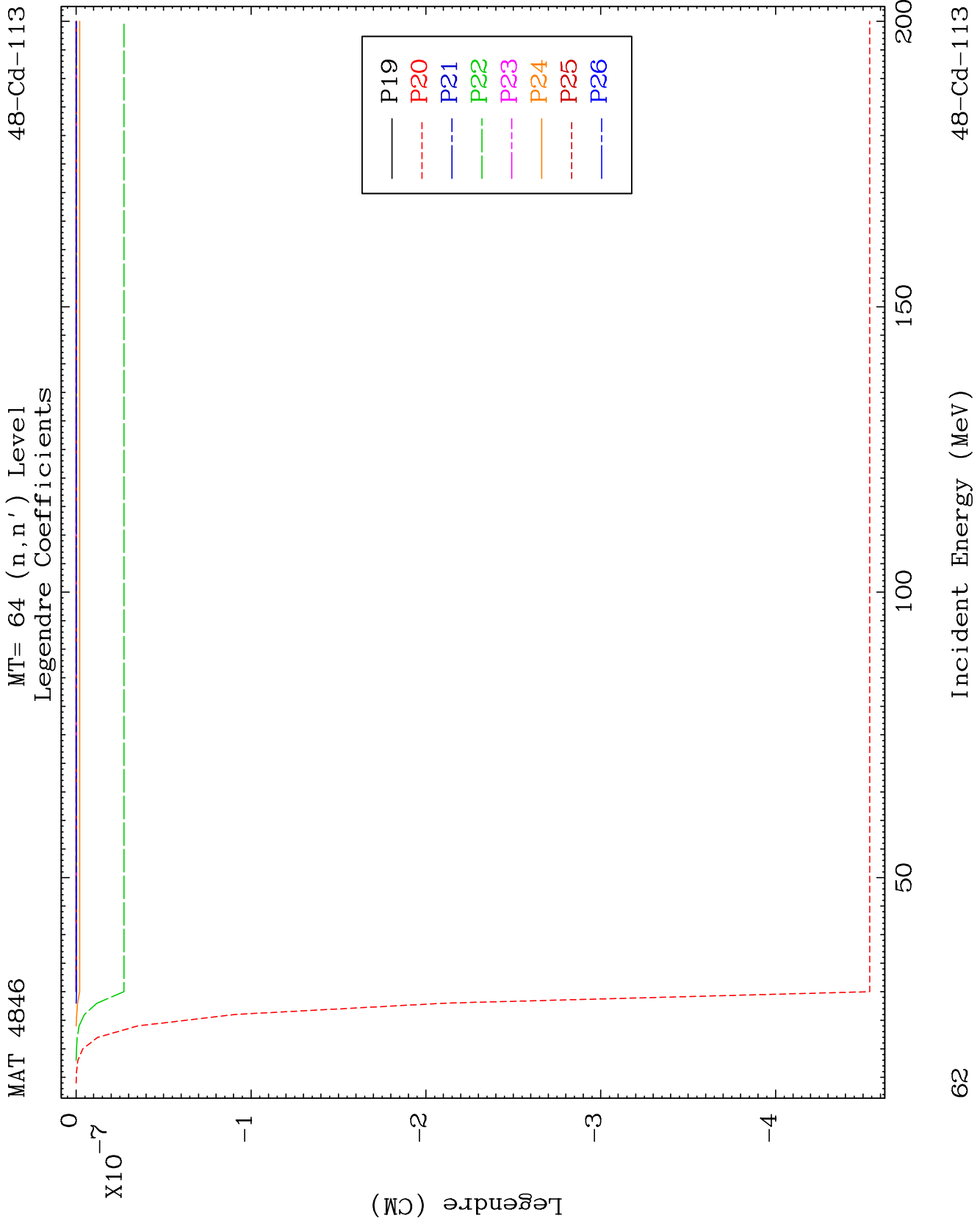
48-Cd-113



61

Incident Energy (MeV)

48-Cd-113



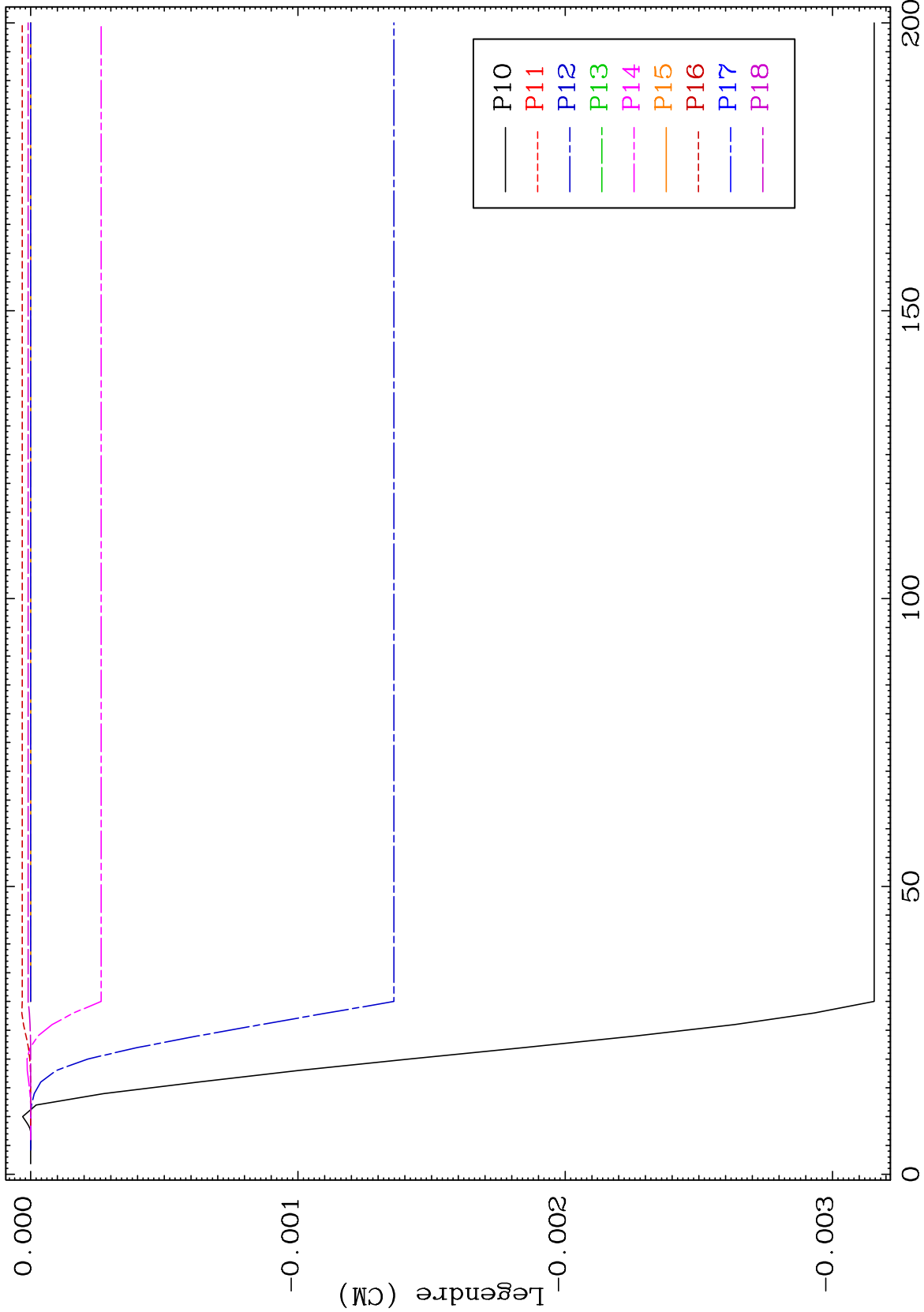


MAT 4846

MT= 65 (n,n') Level

48-Cd-113

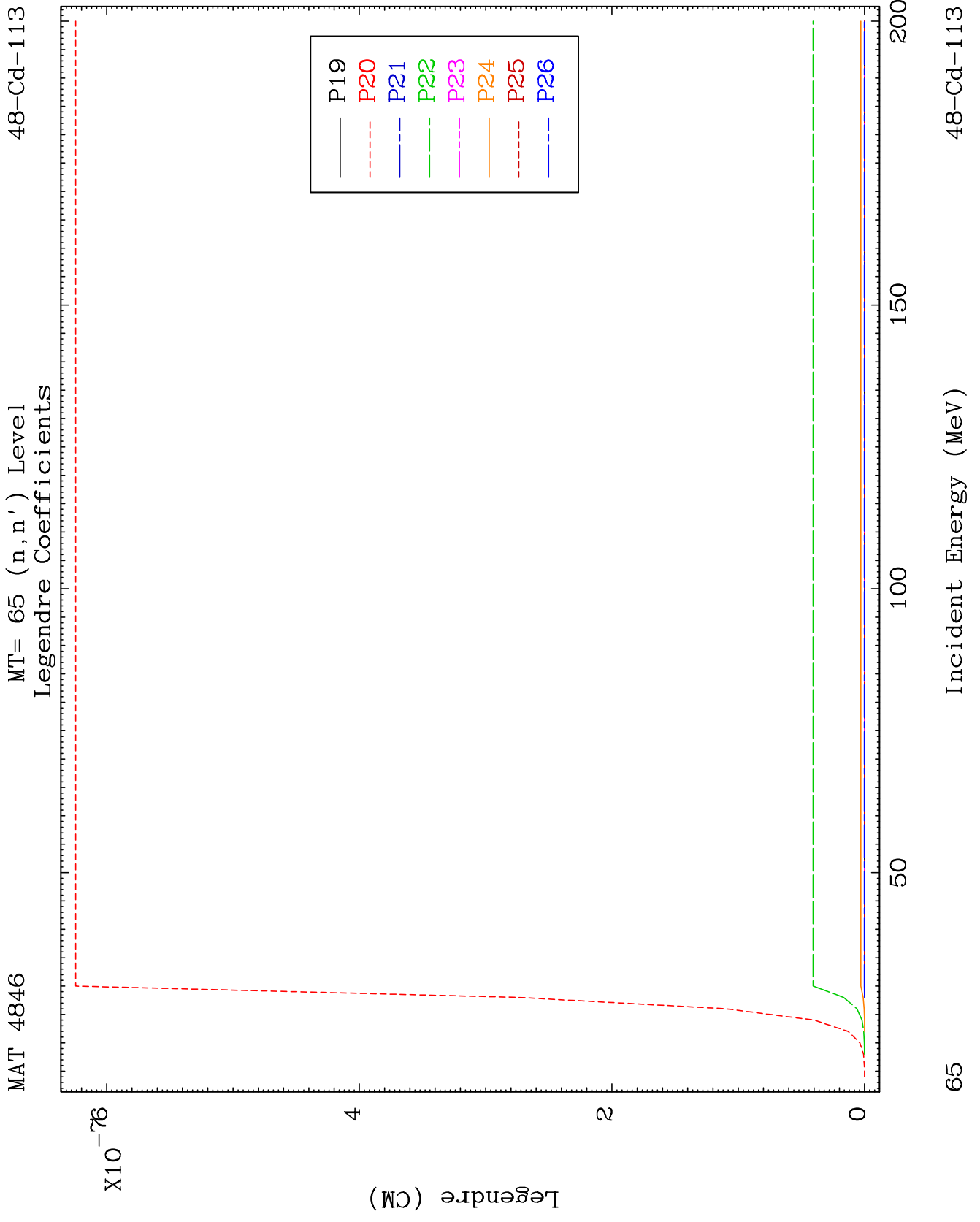
Legendre Coefficients



64

Incident Energy (MeV)

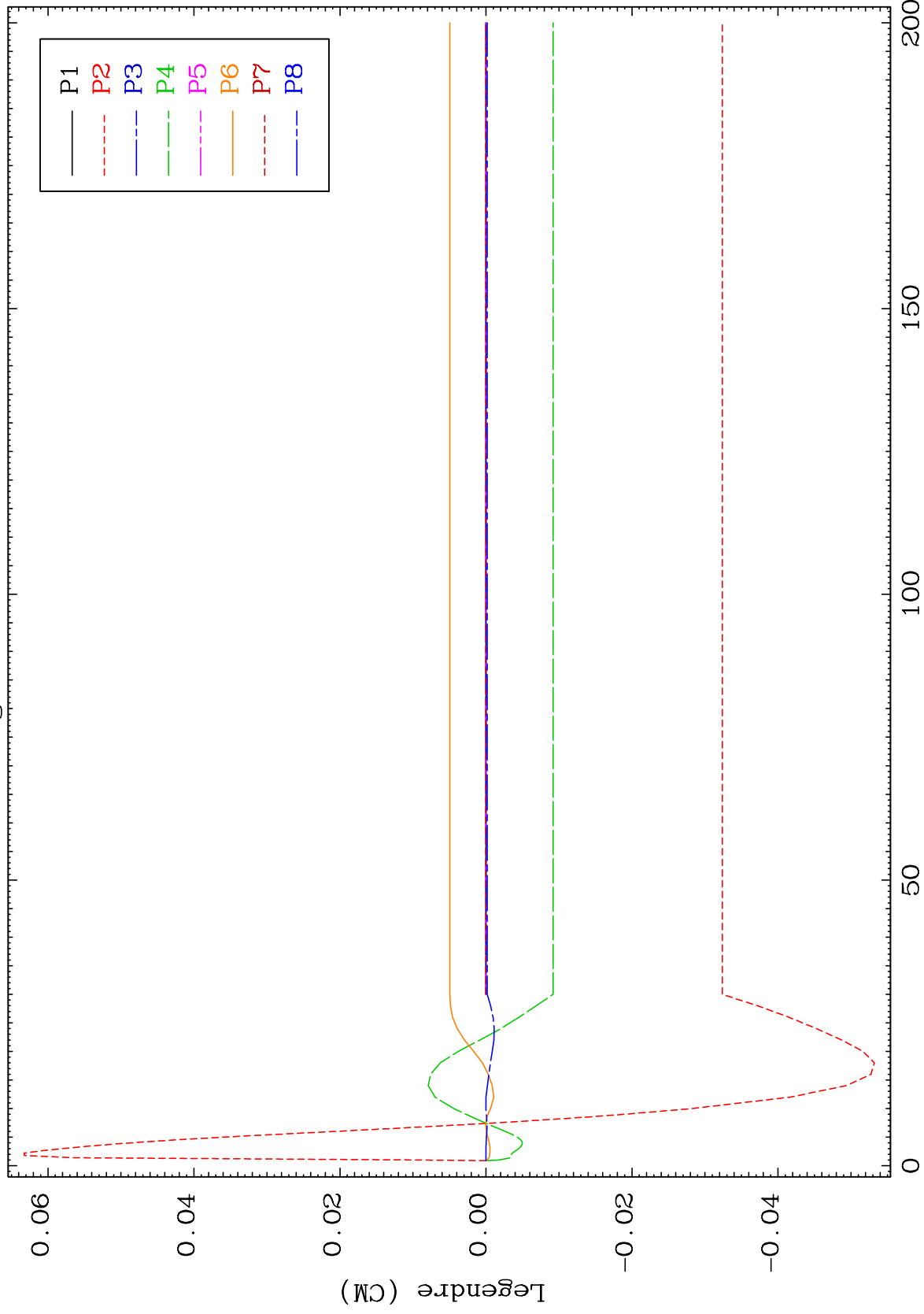
48-Cd-113



MAT 4846

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

48-Cd-113



66

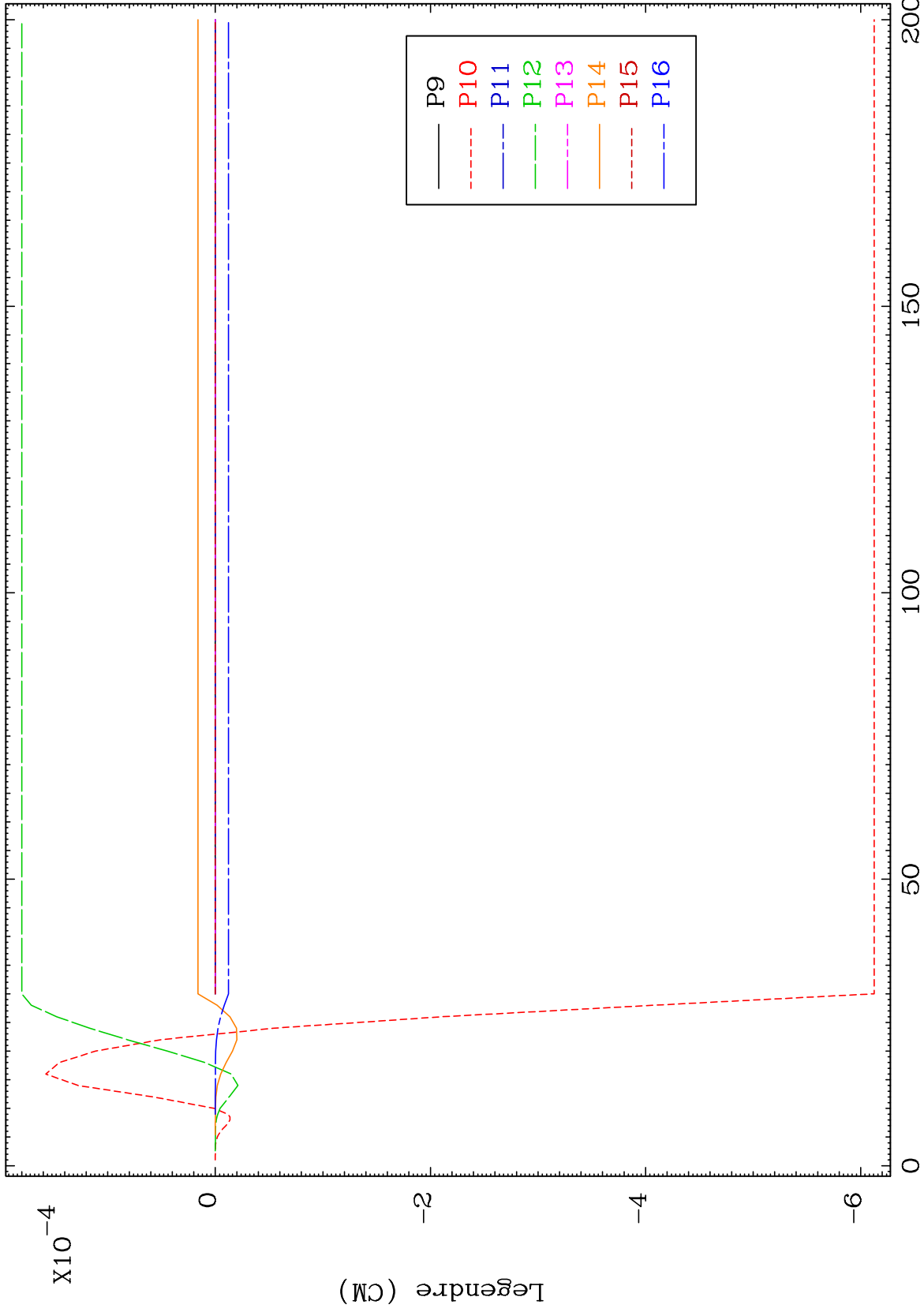
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



67

Incident Energy (MeV)

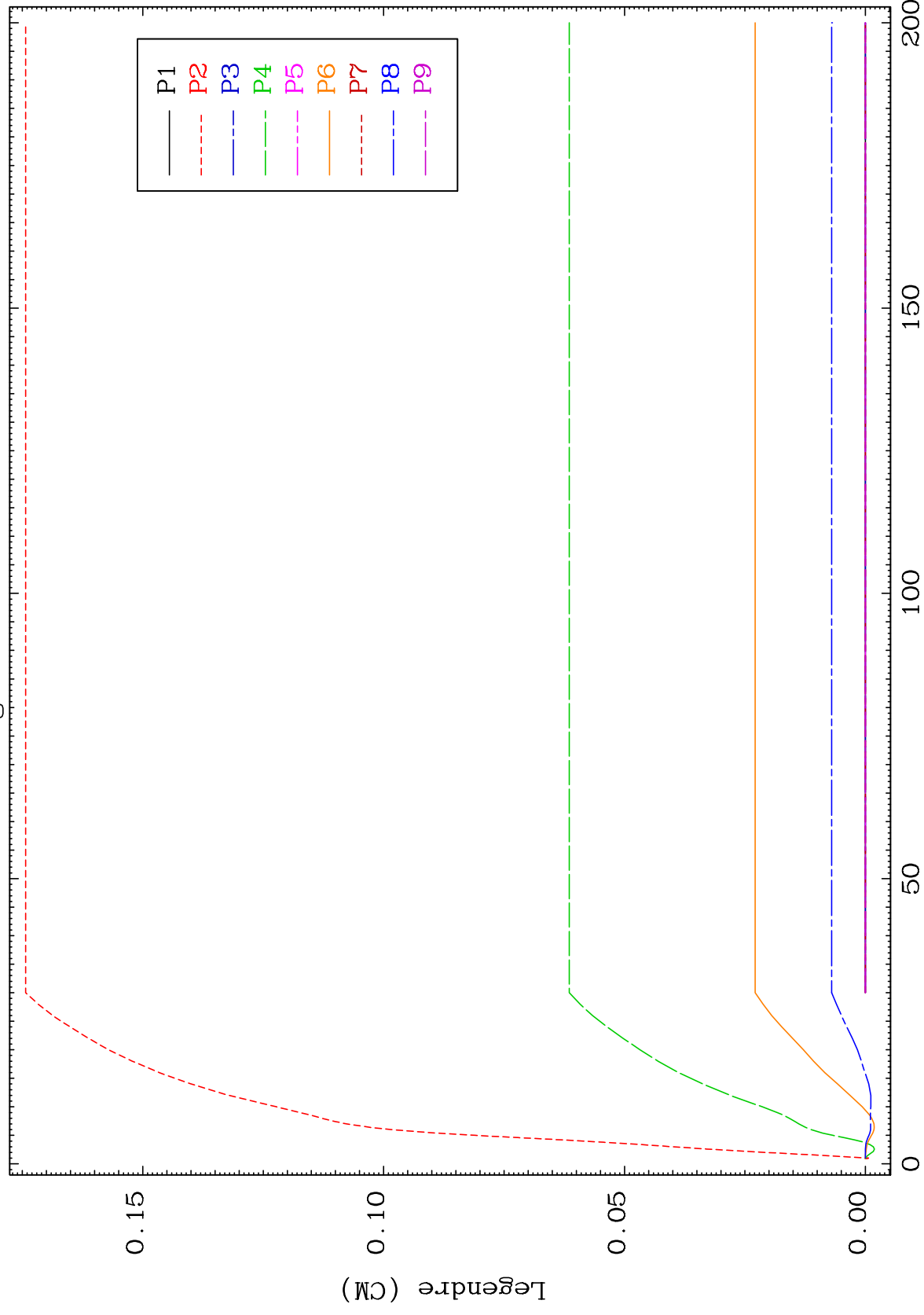
48-Cd-113



MAT 4846

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

48-Cd-113



69

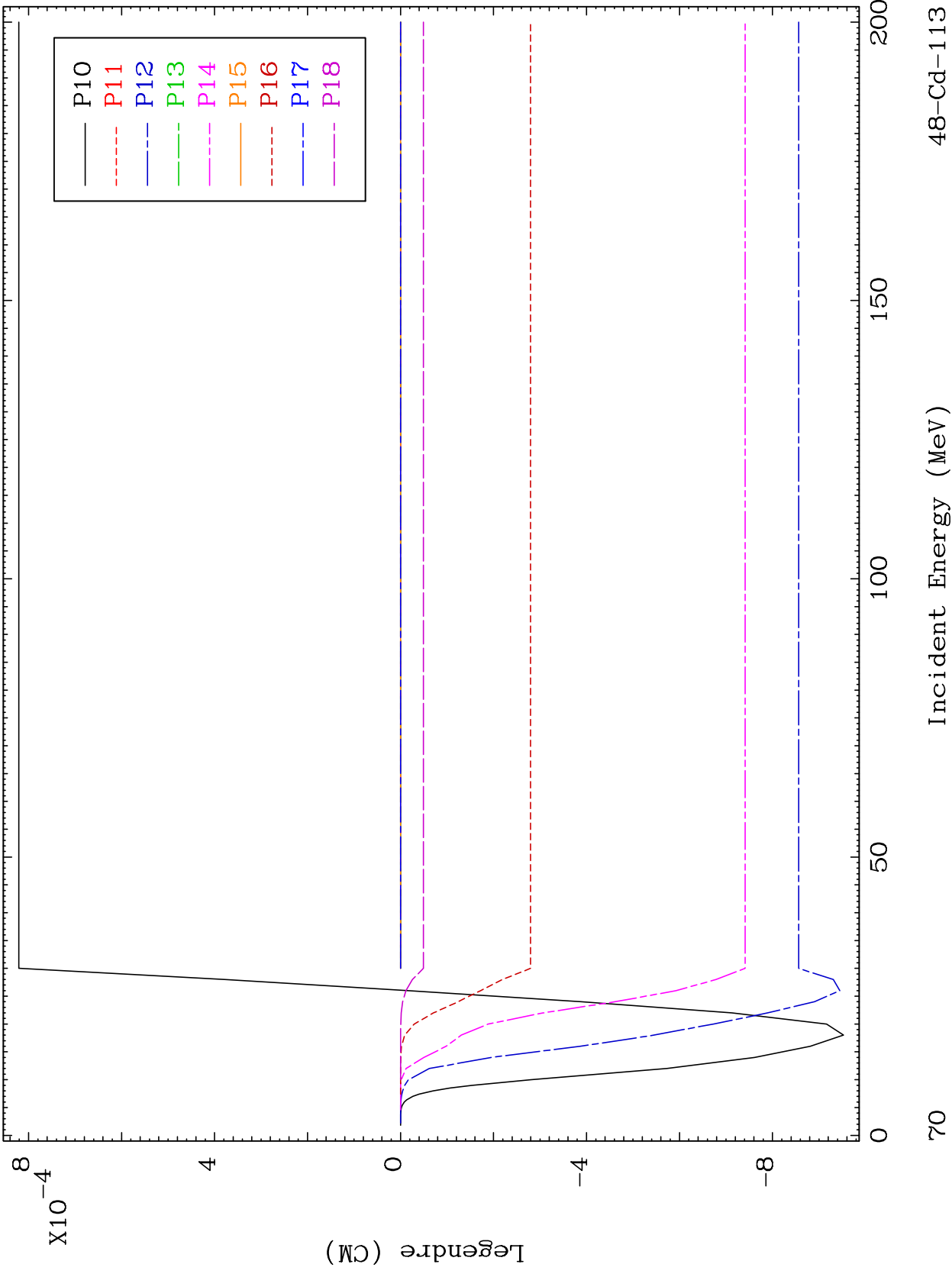
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113

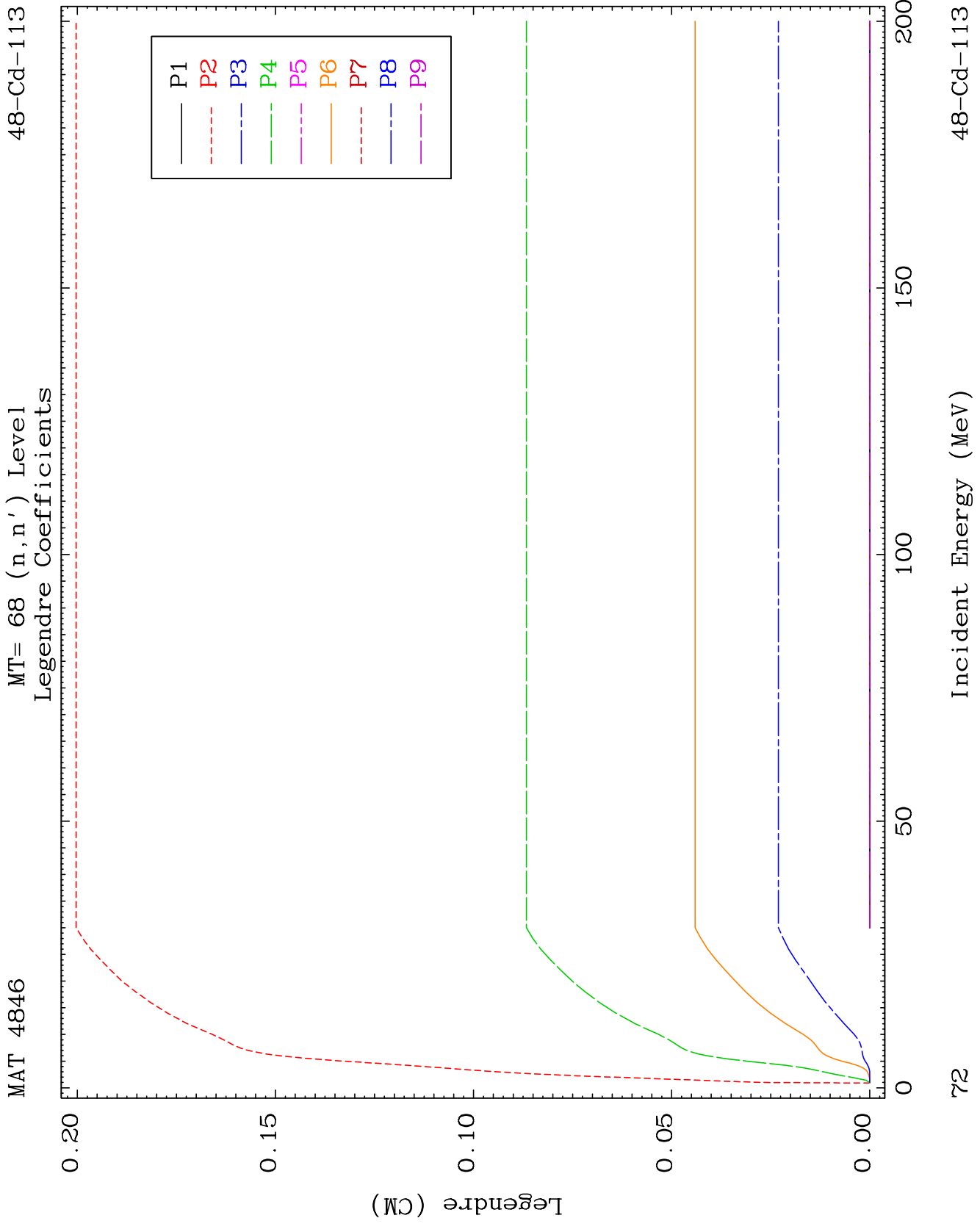


48-Cd-113

Incident Energy (MeV)

70

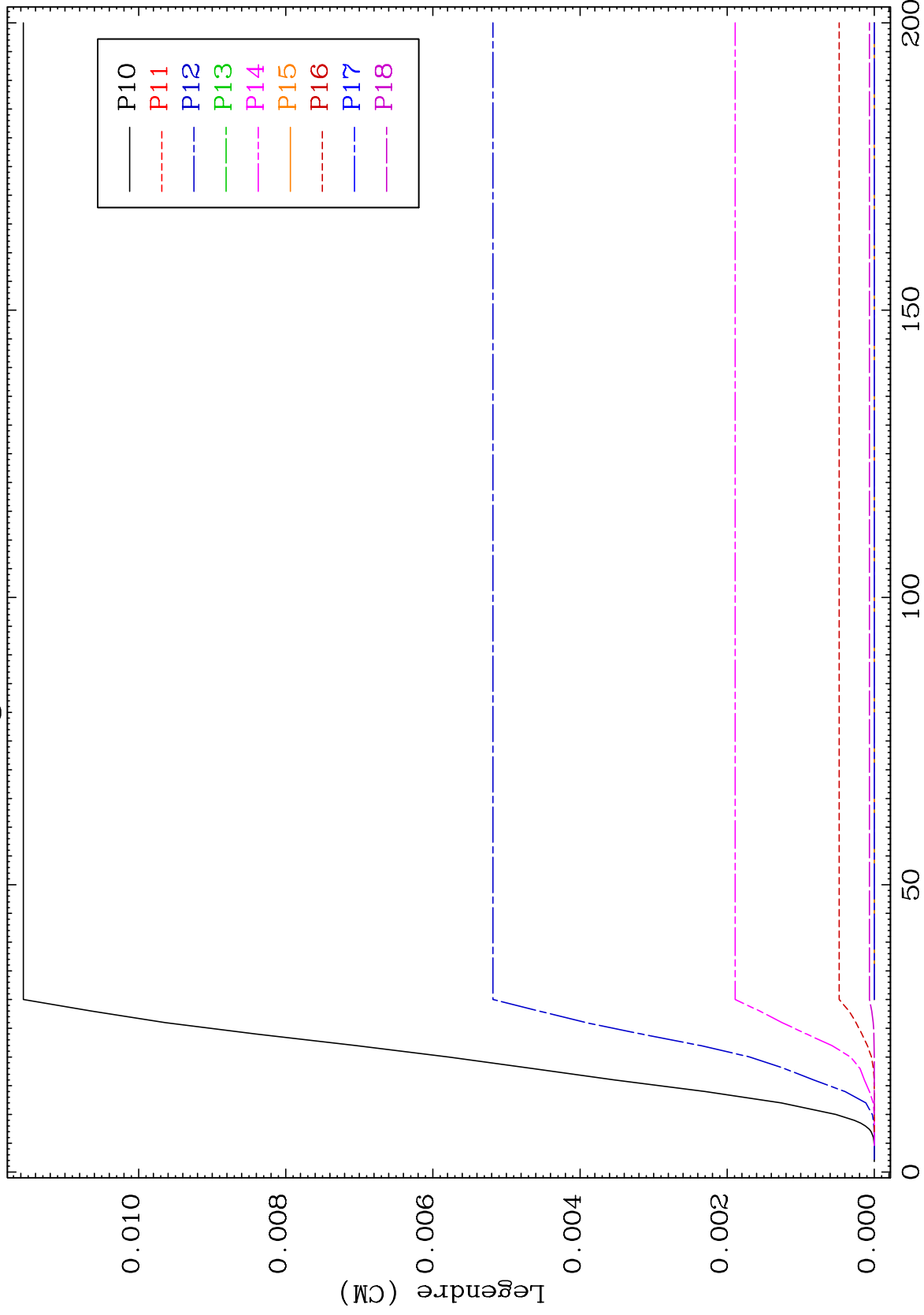




MAT 4846

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

48-Cd-113



73

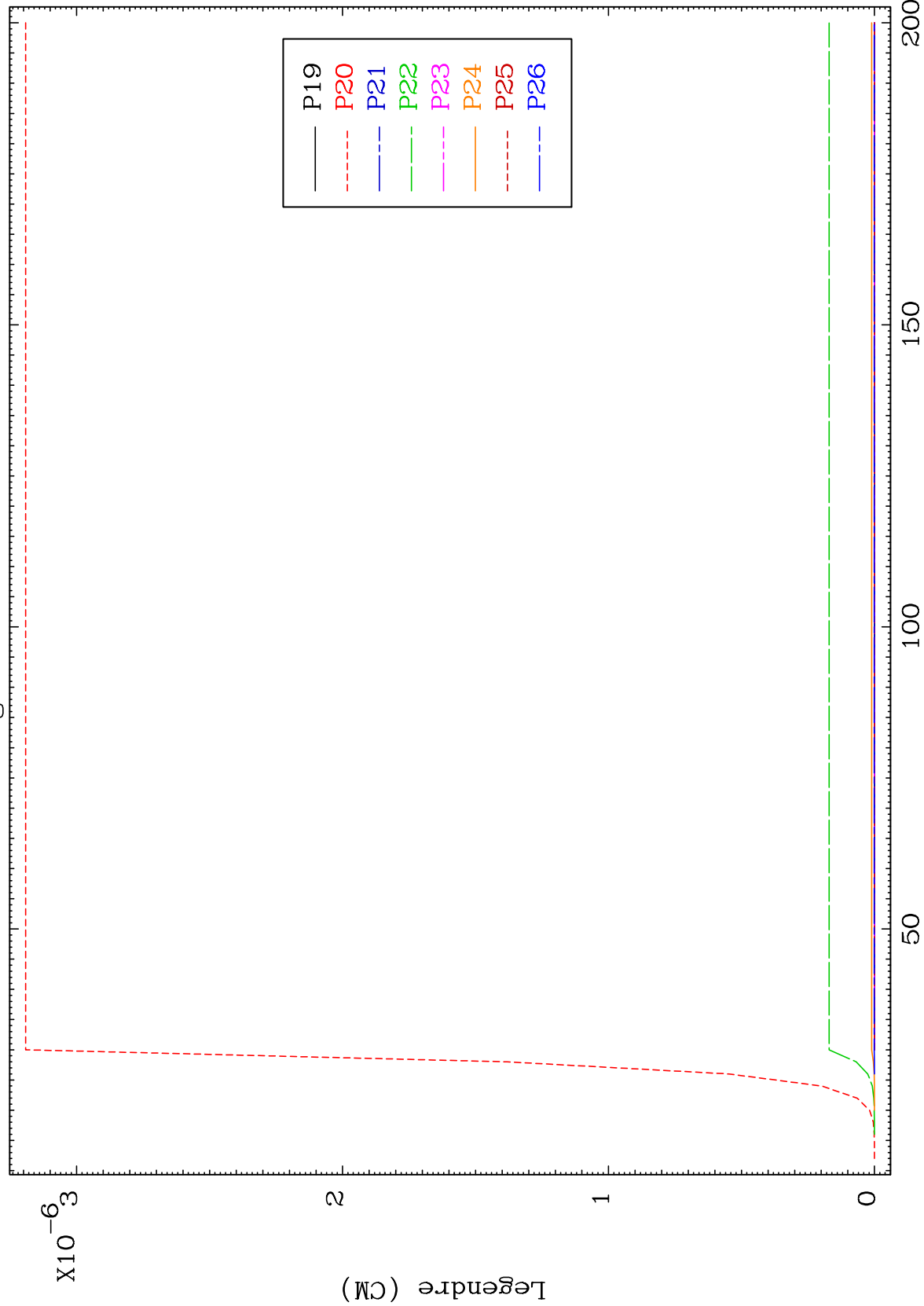
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



74

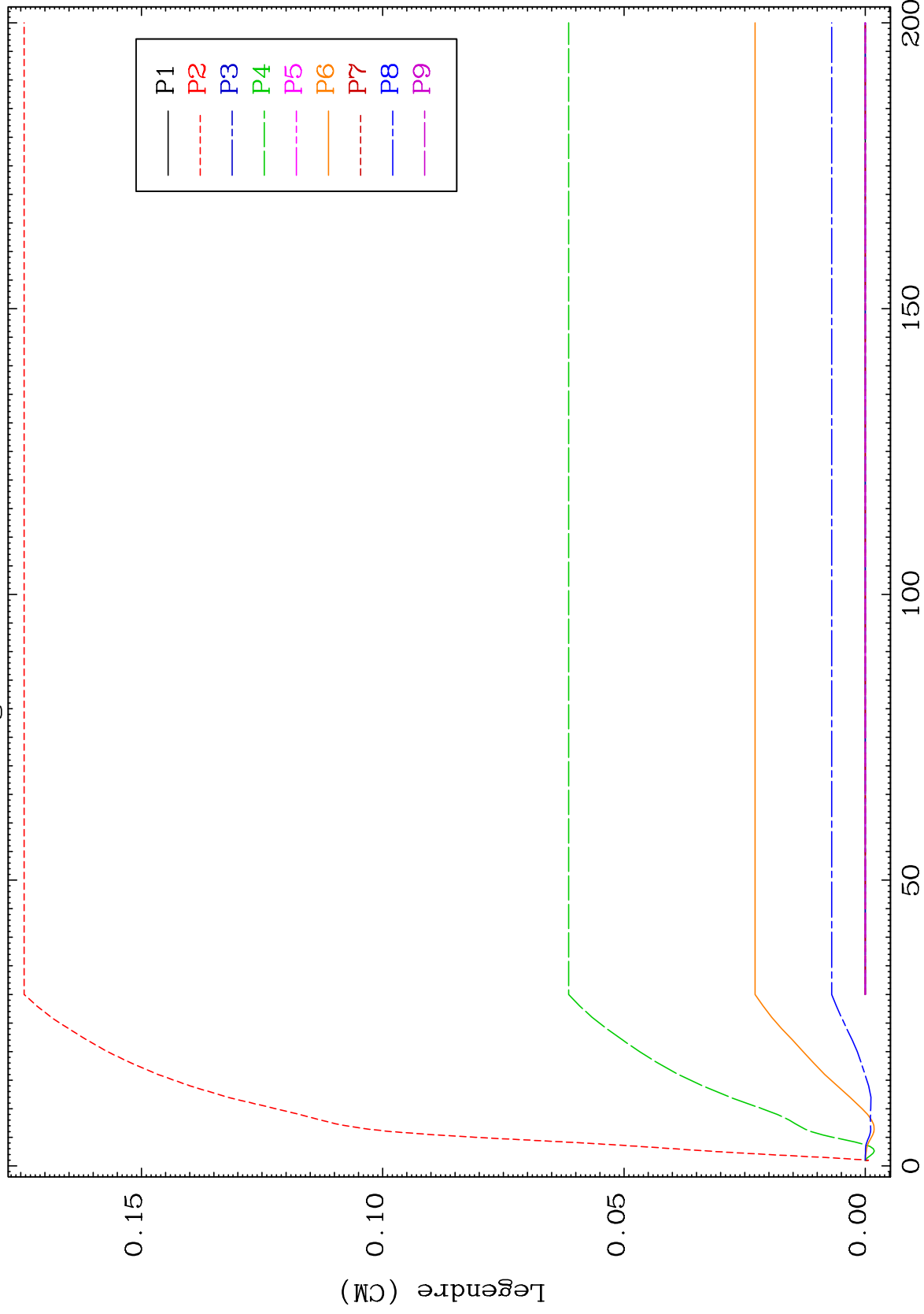
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



75

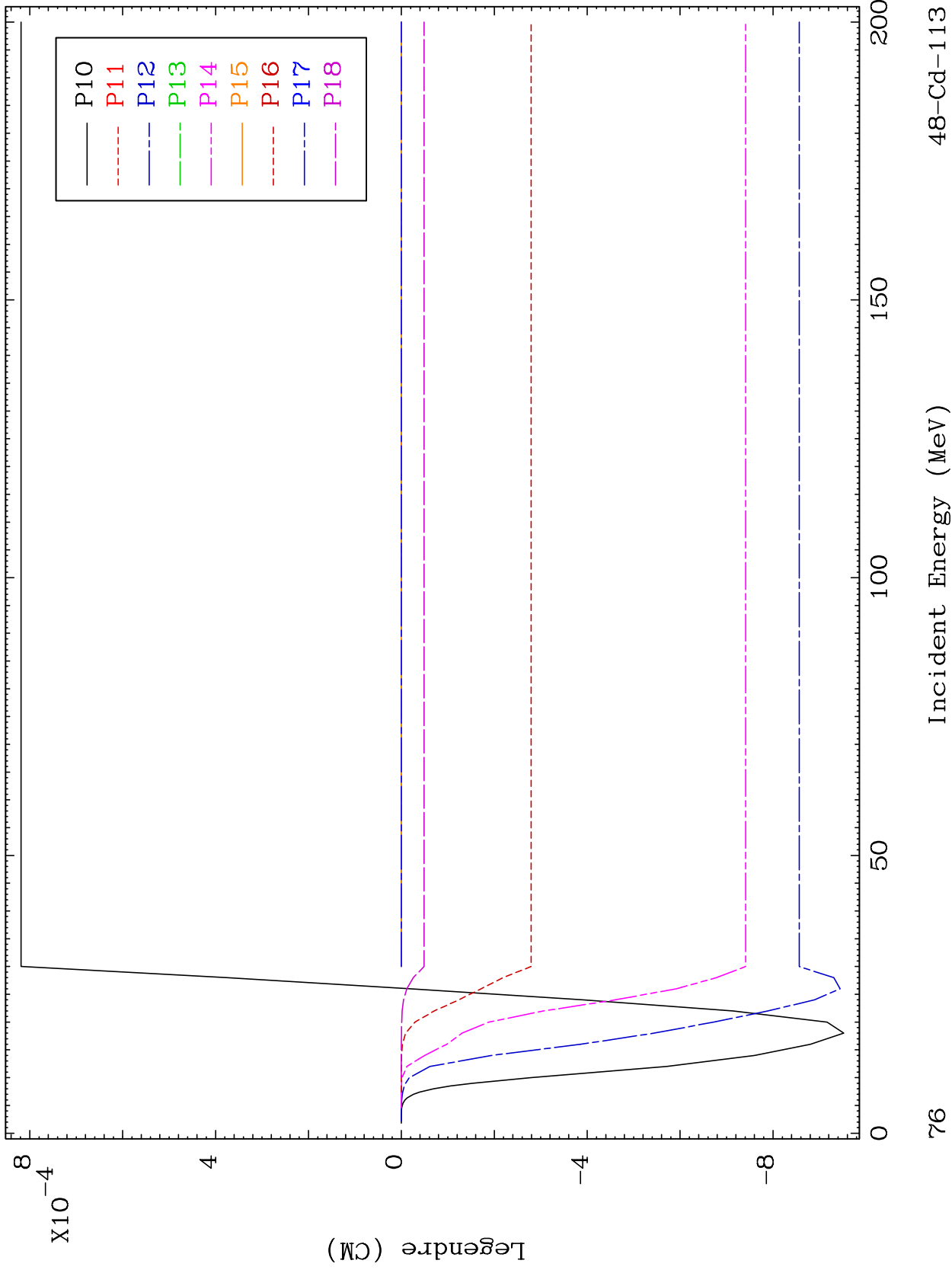
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

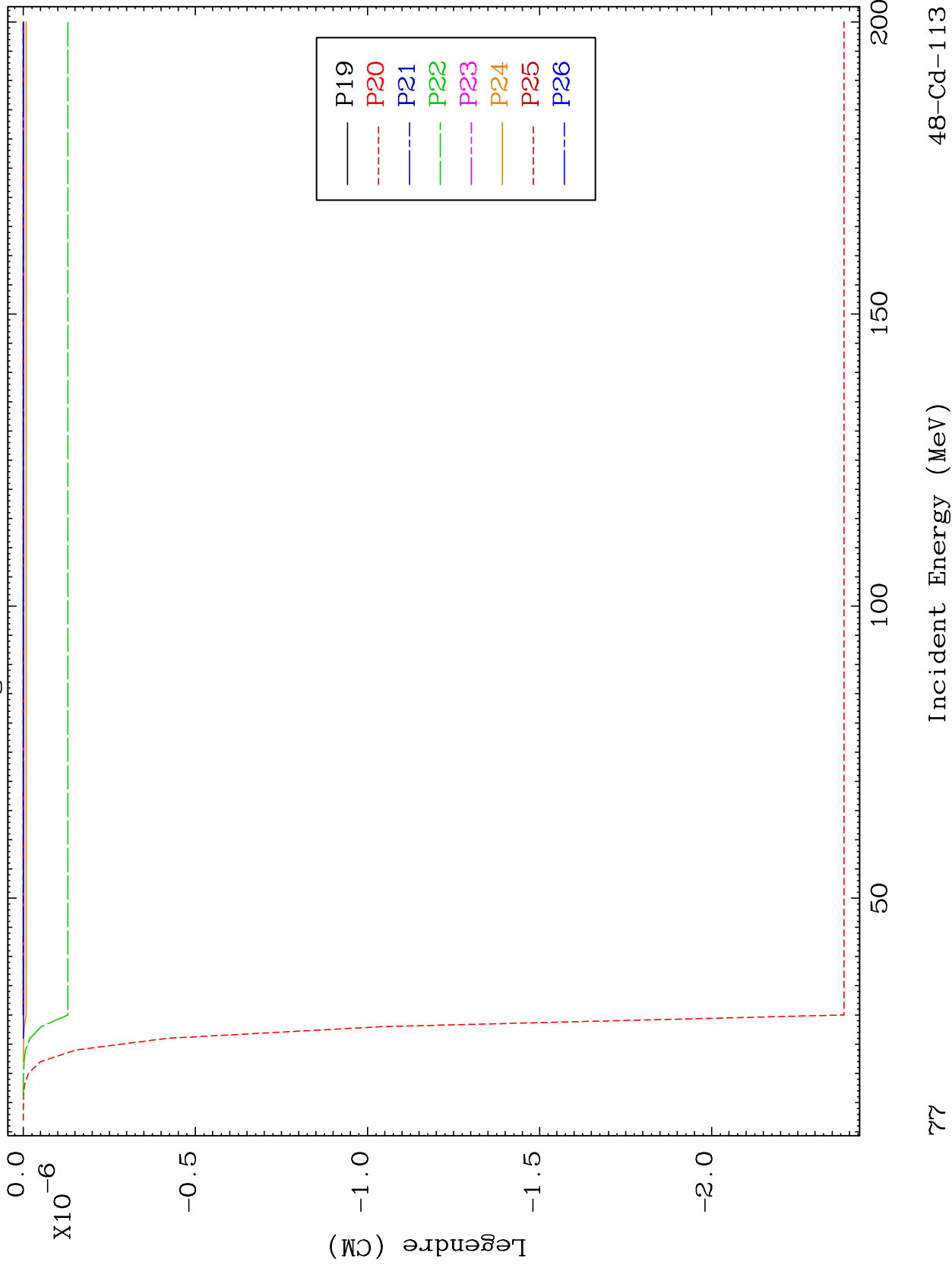
48-Cd-113



MAT 4846

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

48-Cd-113



77

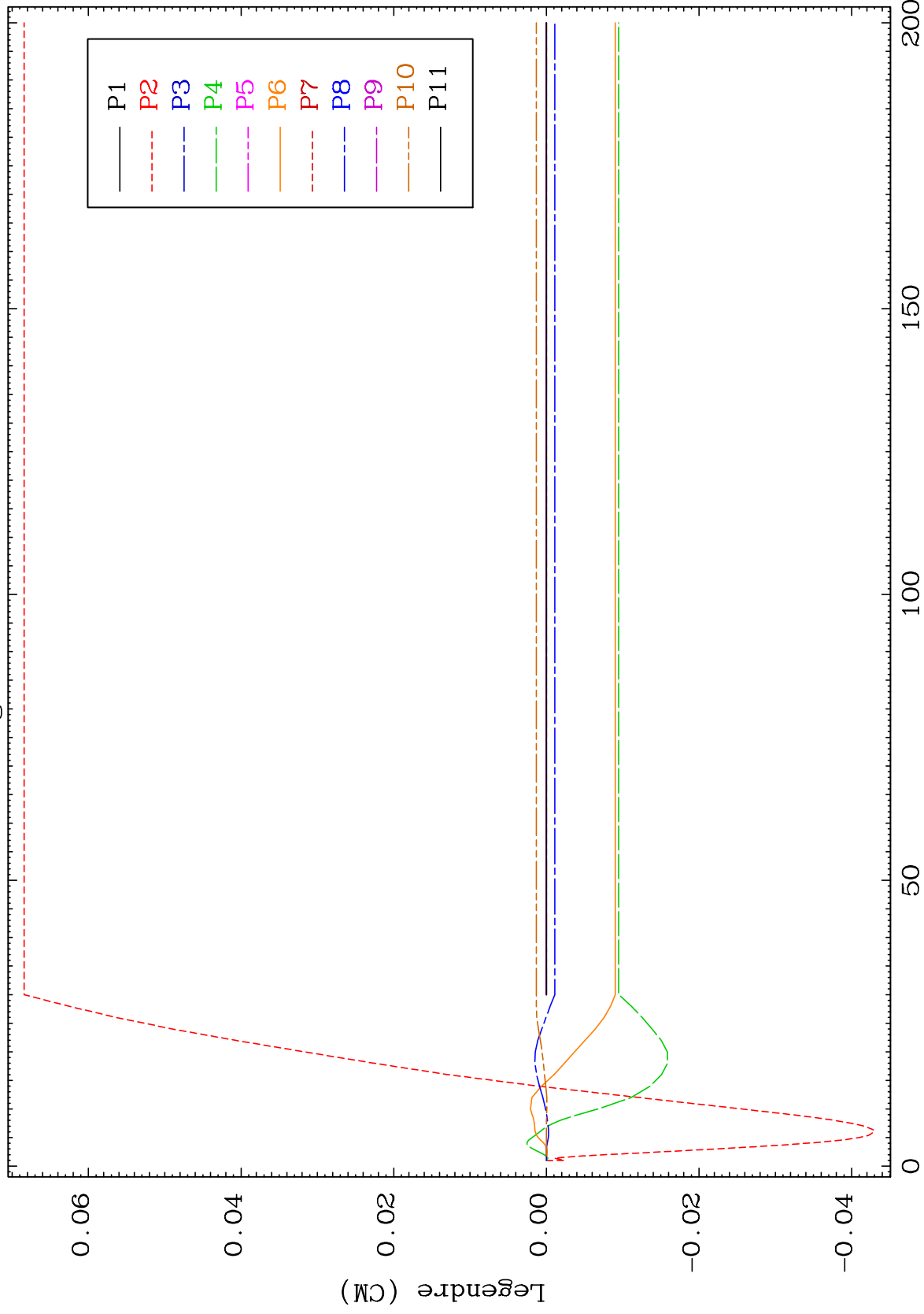
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



78

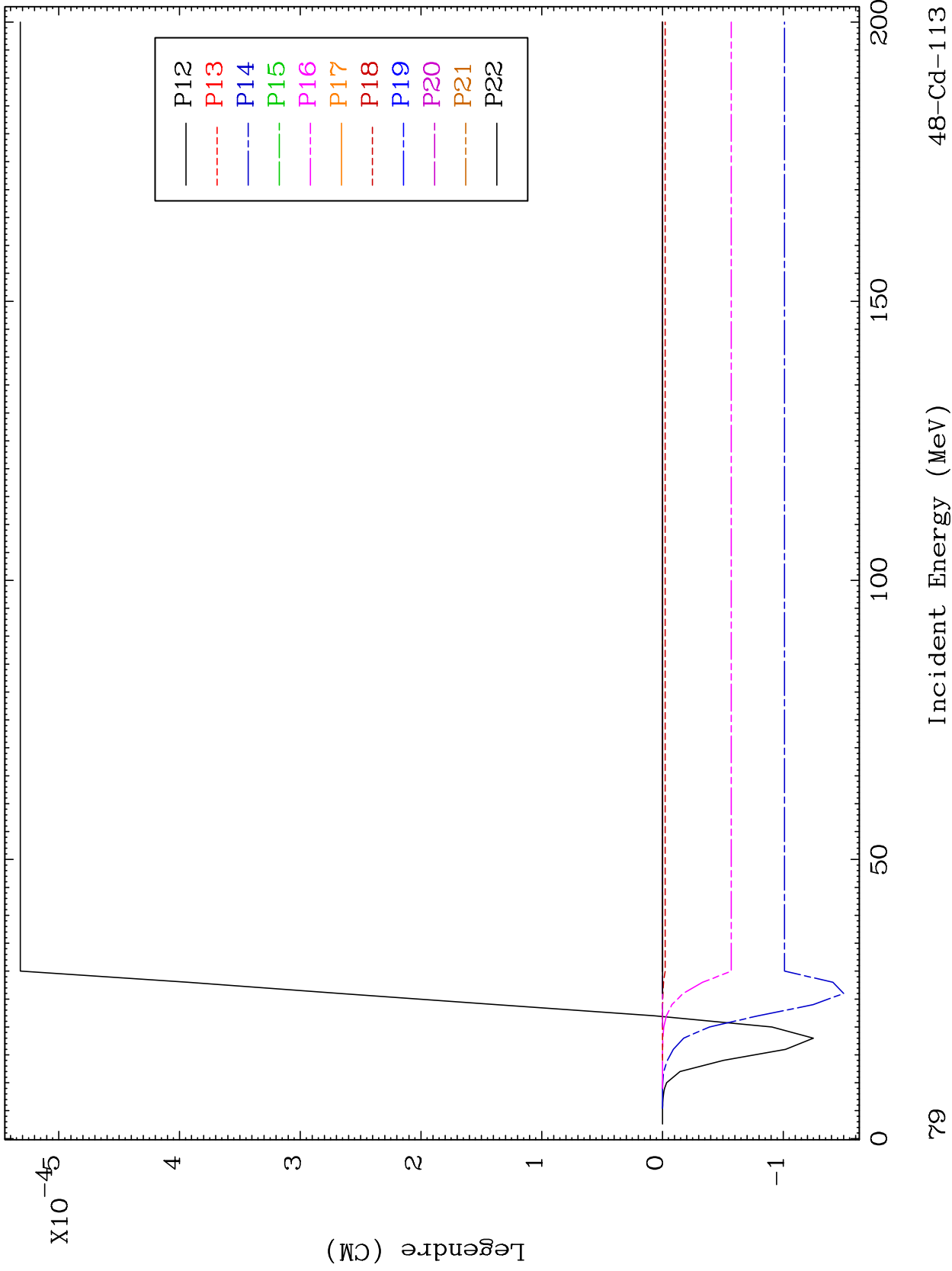
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



79

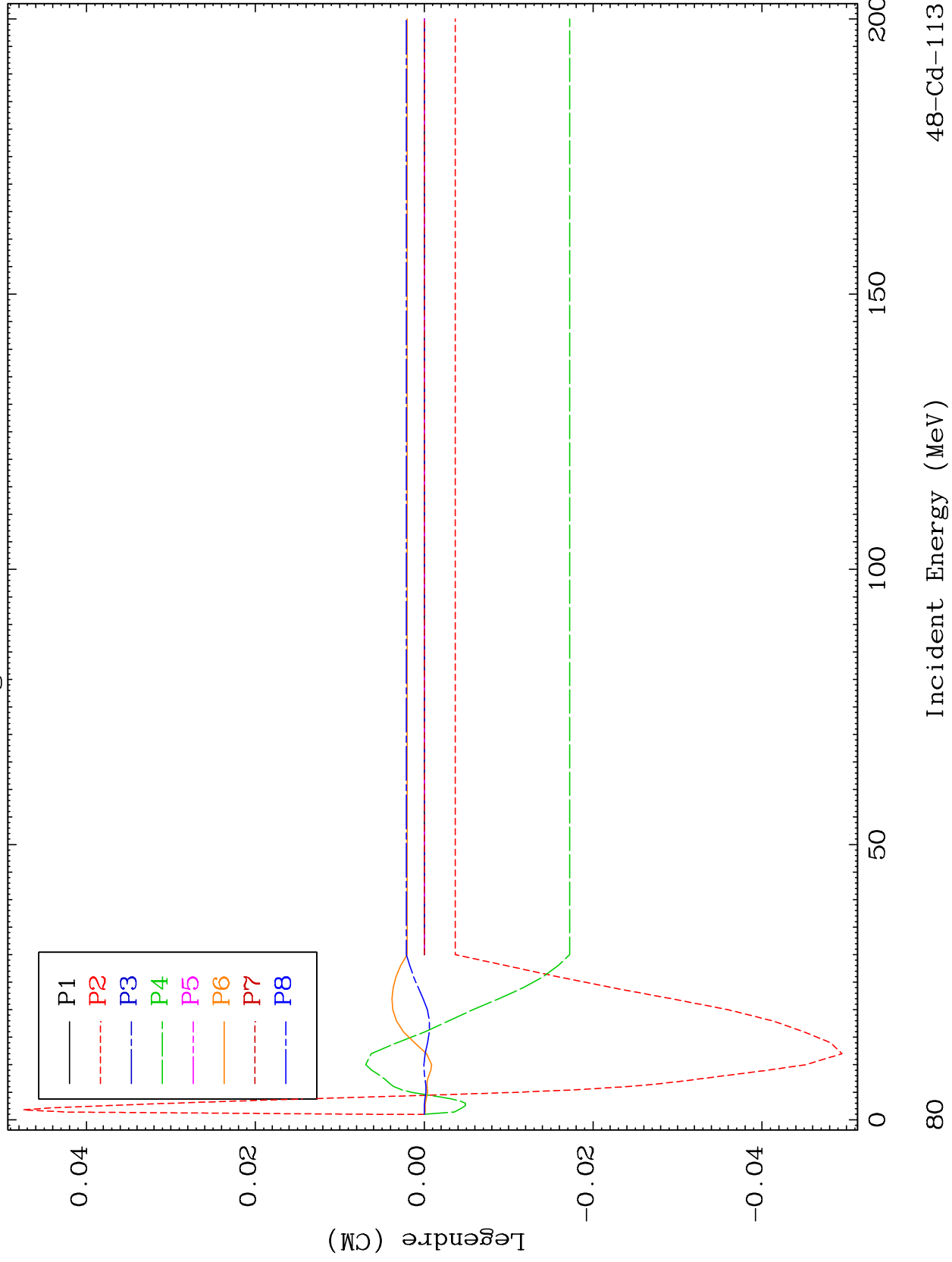
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

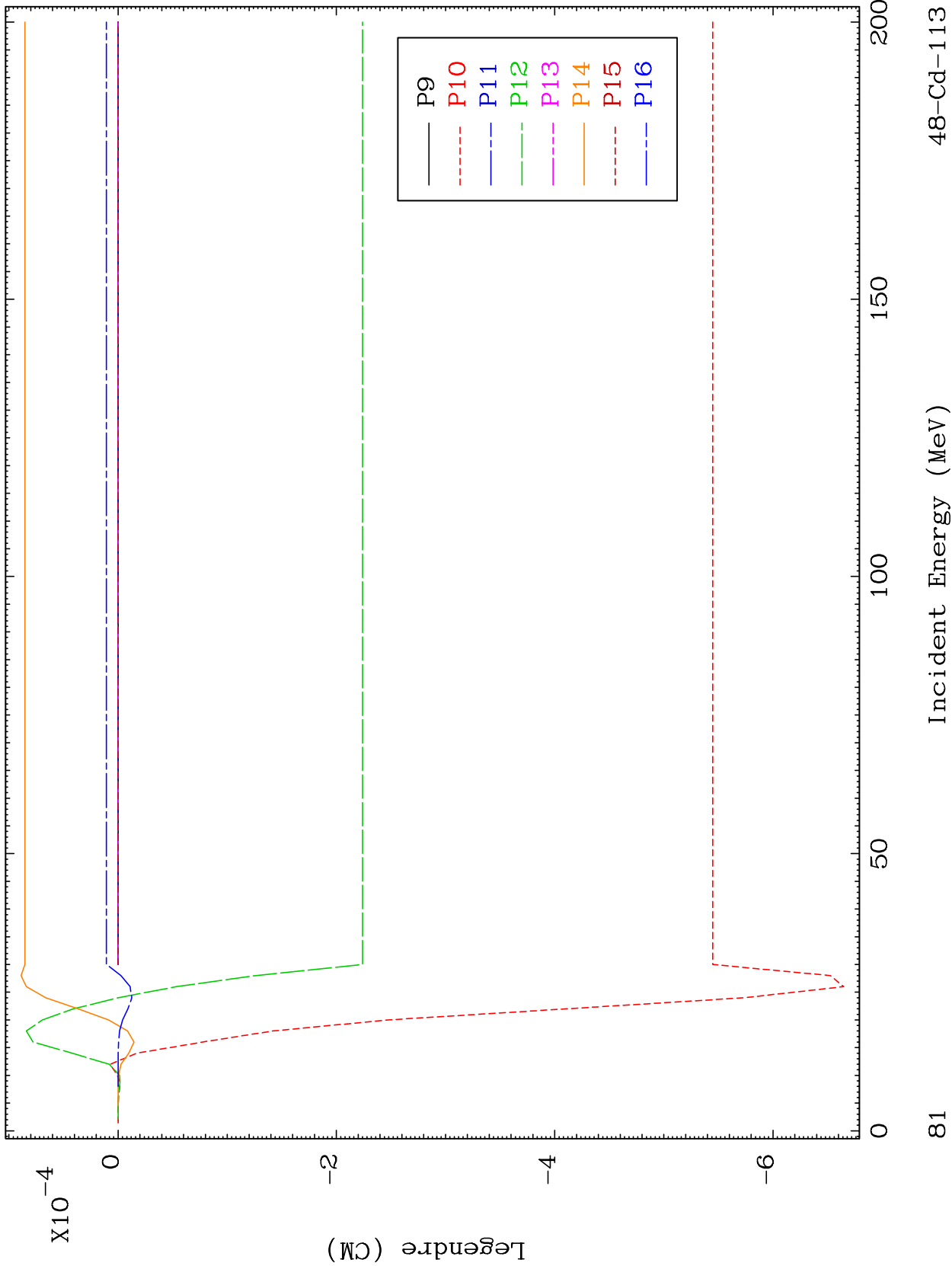
Incident Energy (MeV)

80

MAT 4846

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

48-Cd-113



81

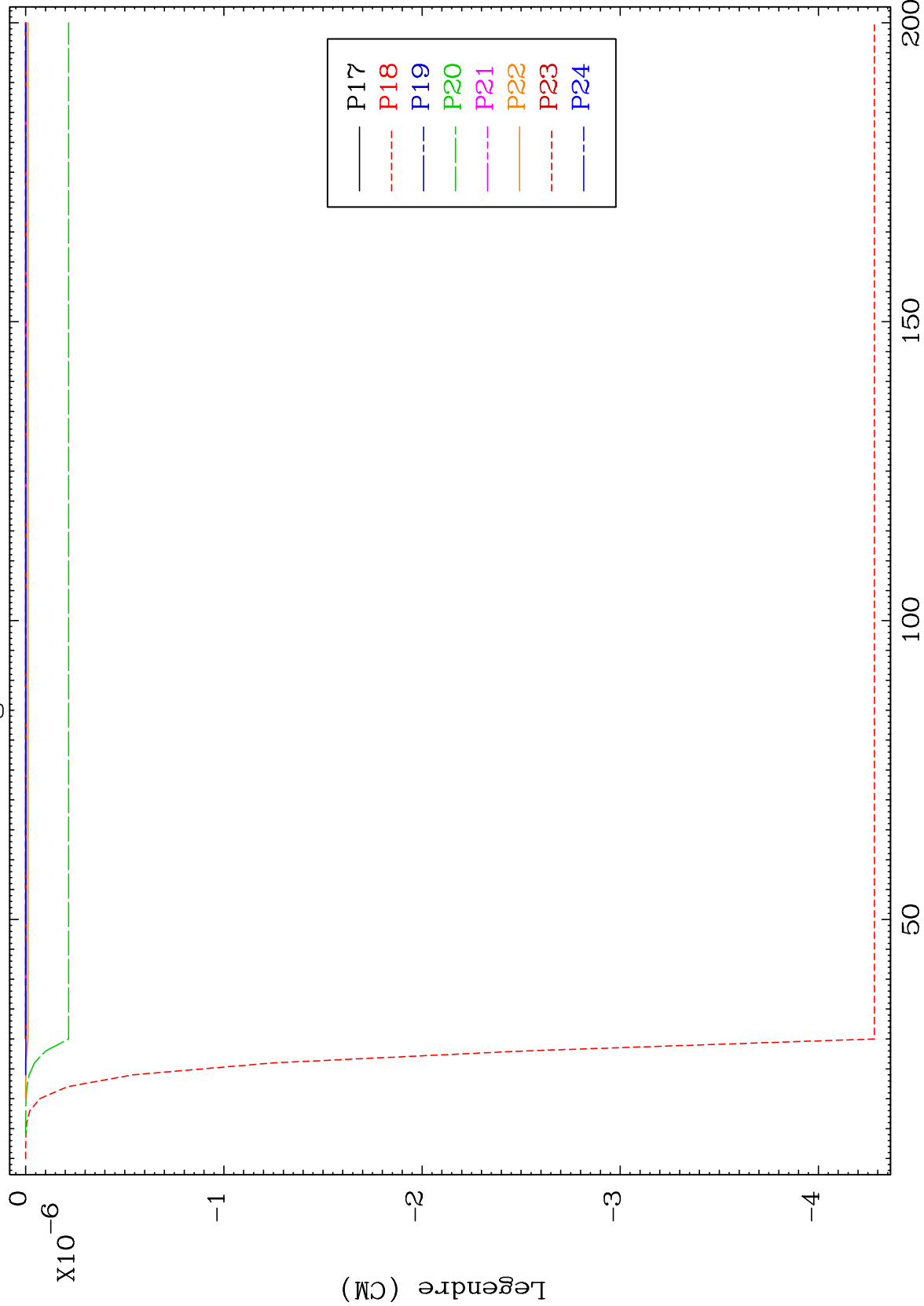
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



82

Incident Energy (MeV)

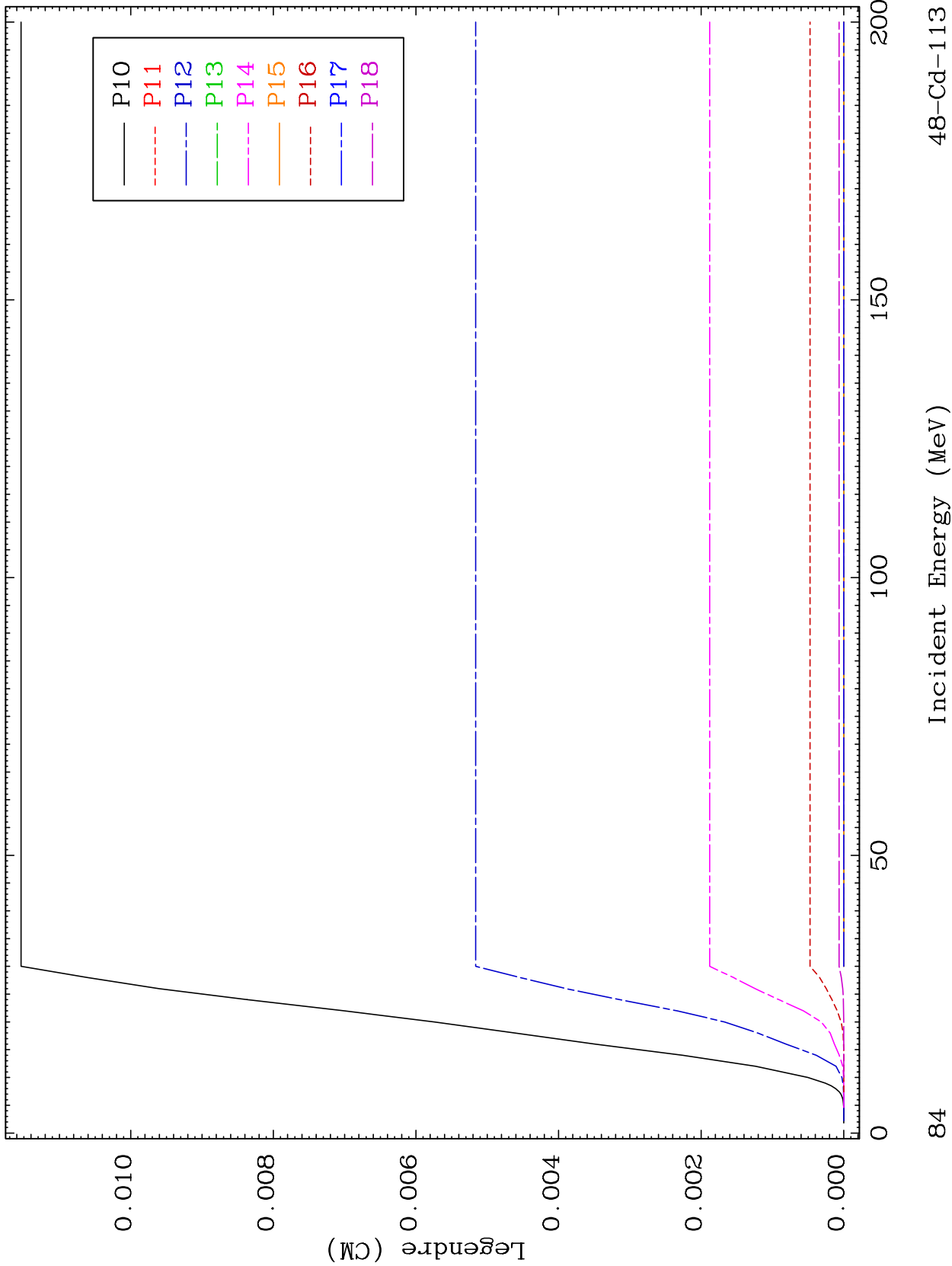
48-Cd-113

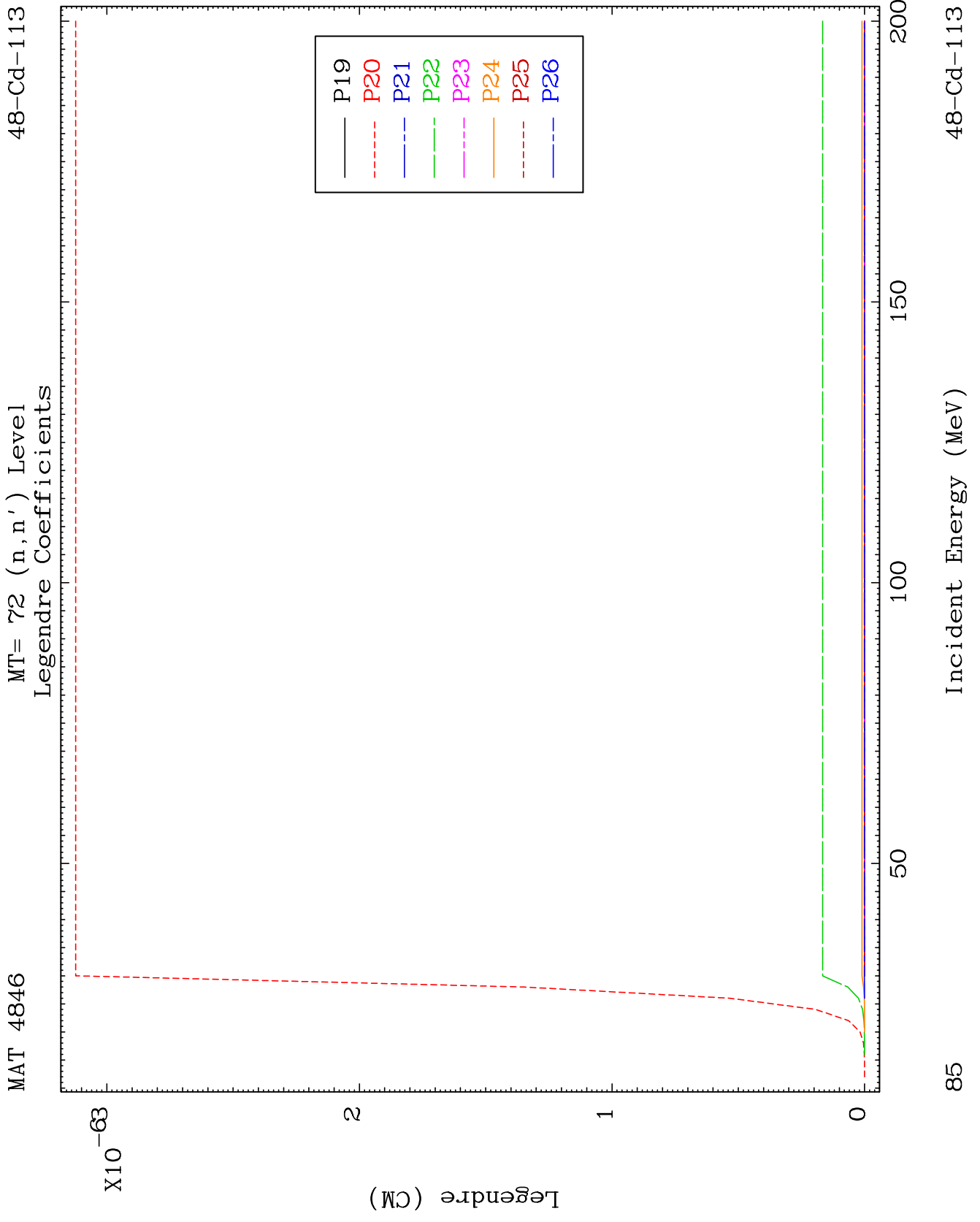


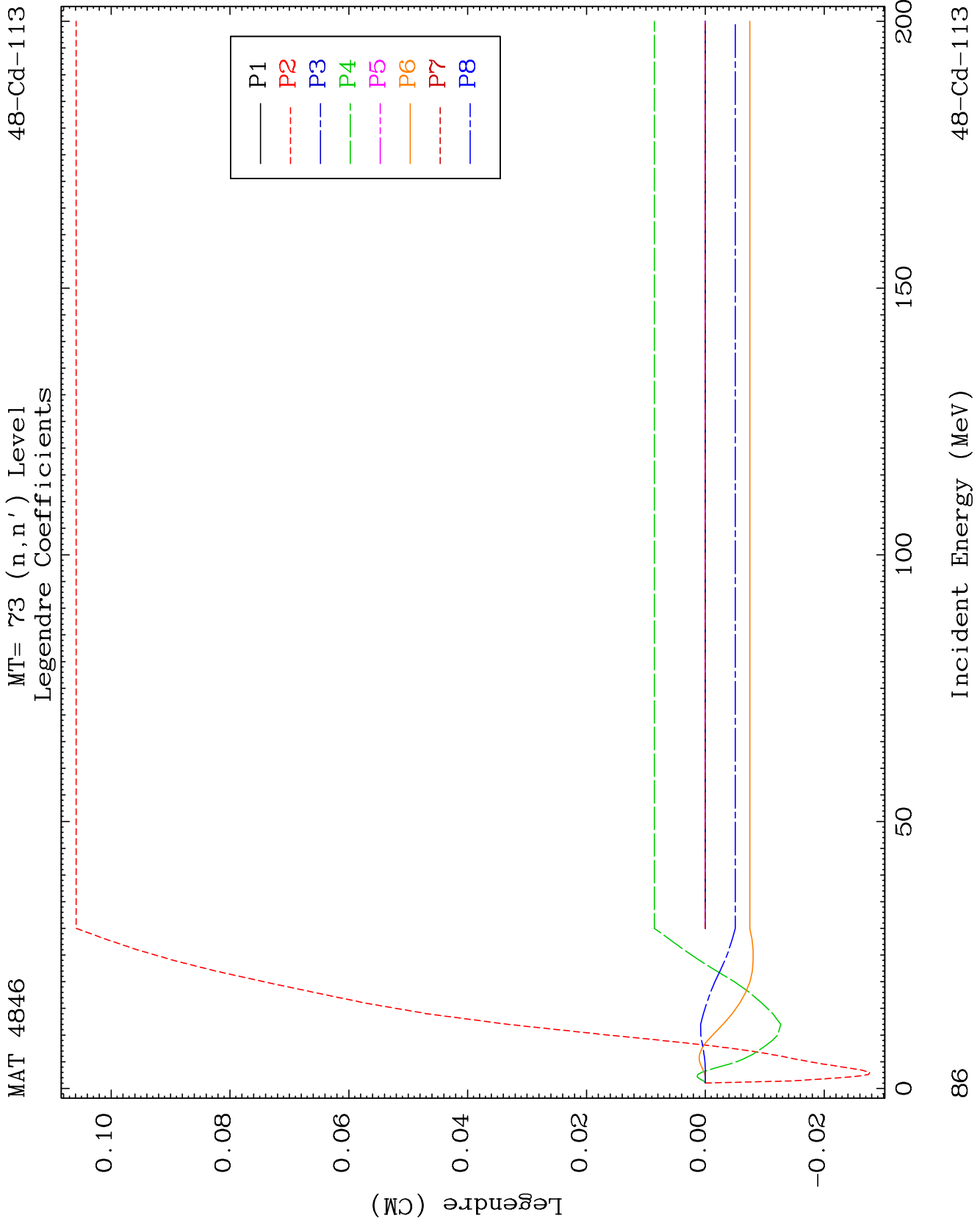
MAT 4846

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

48-Cd-113



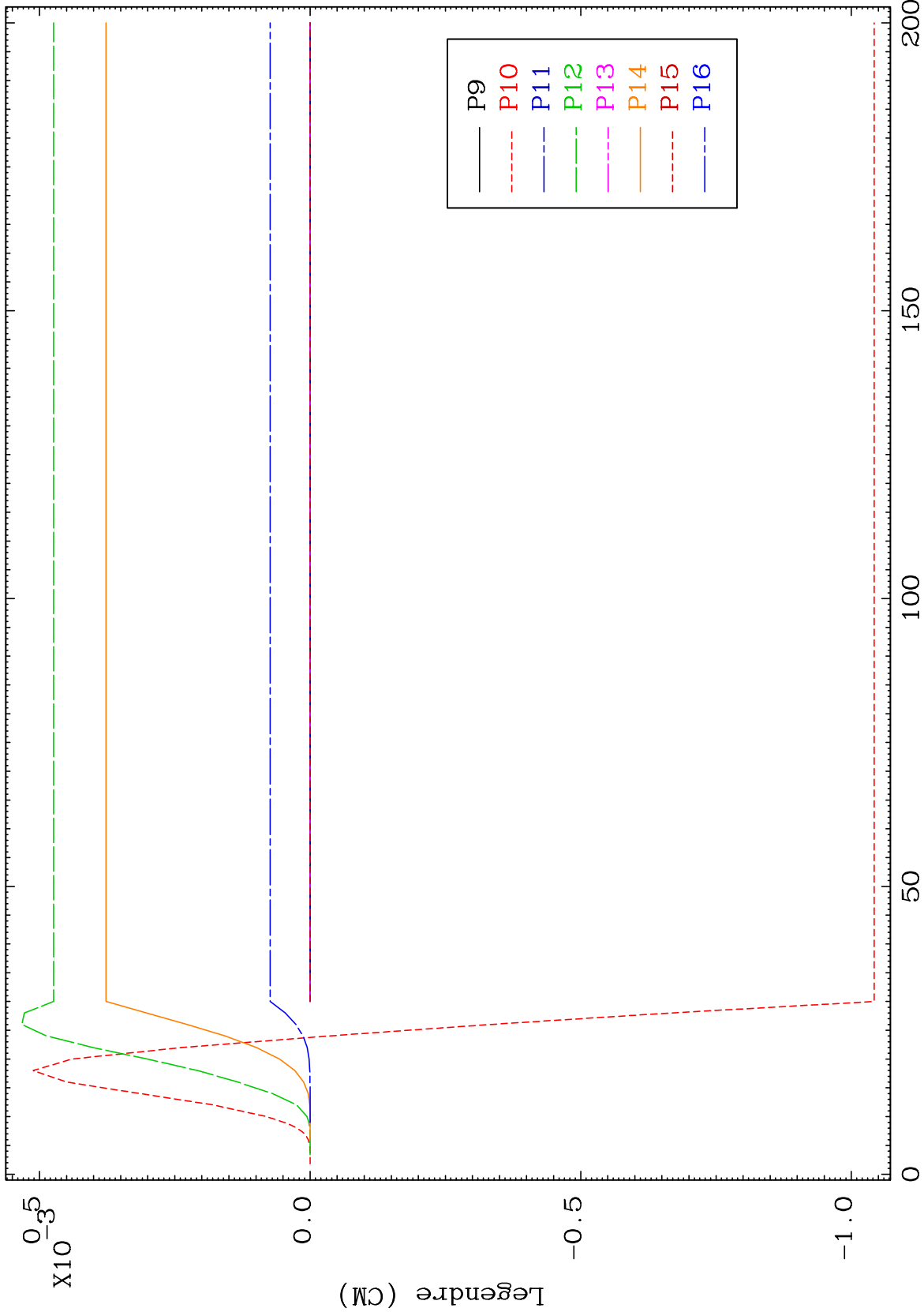




MAT 4846

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

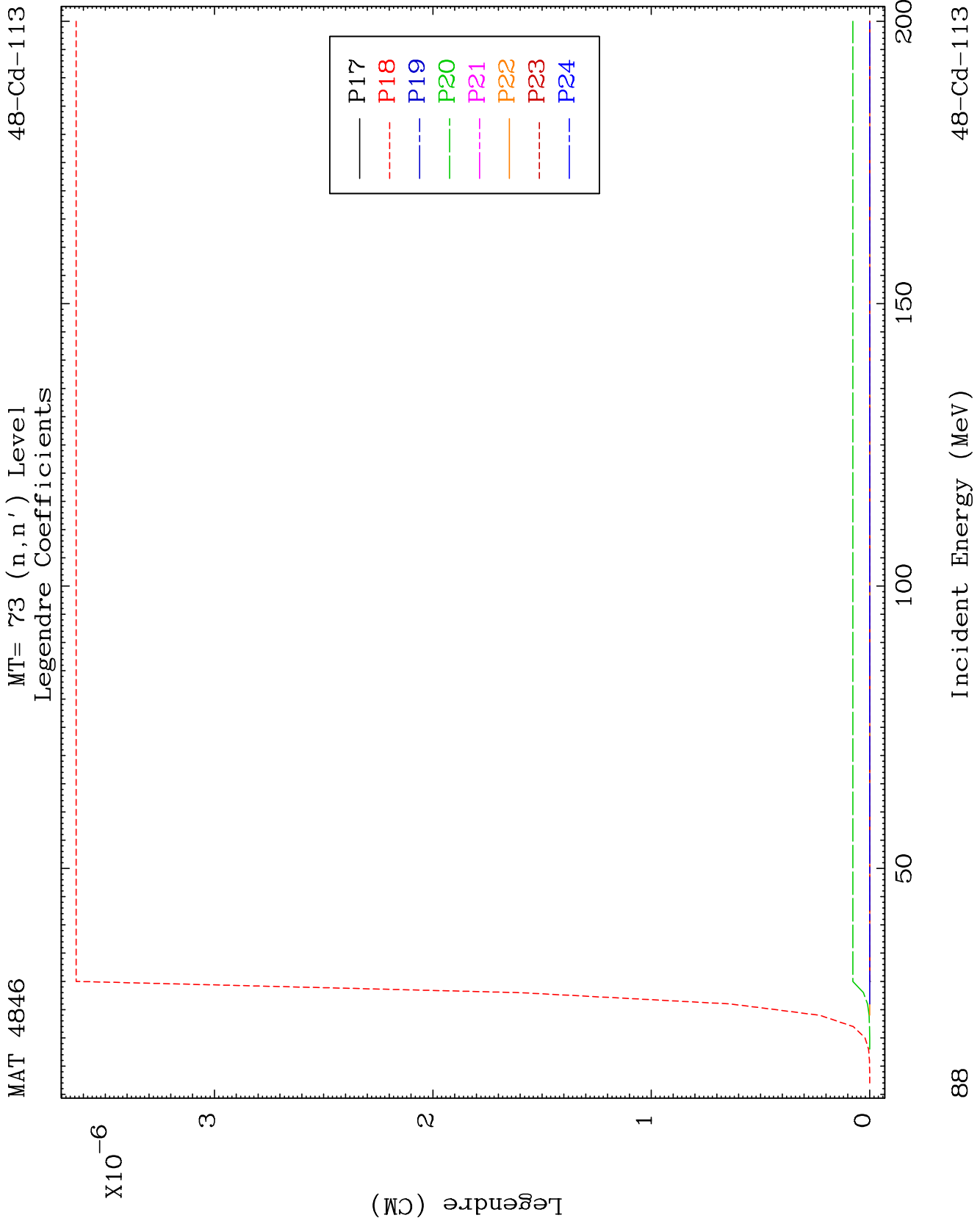
48-Cd-113



87

Incident Energy (MeV)

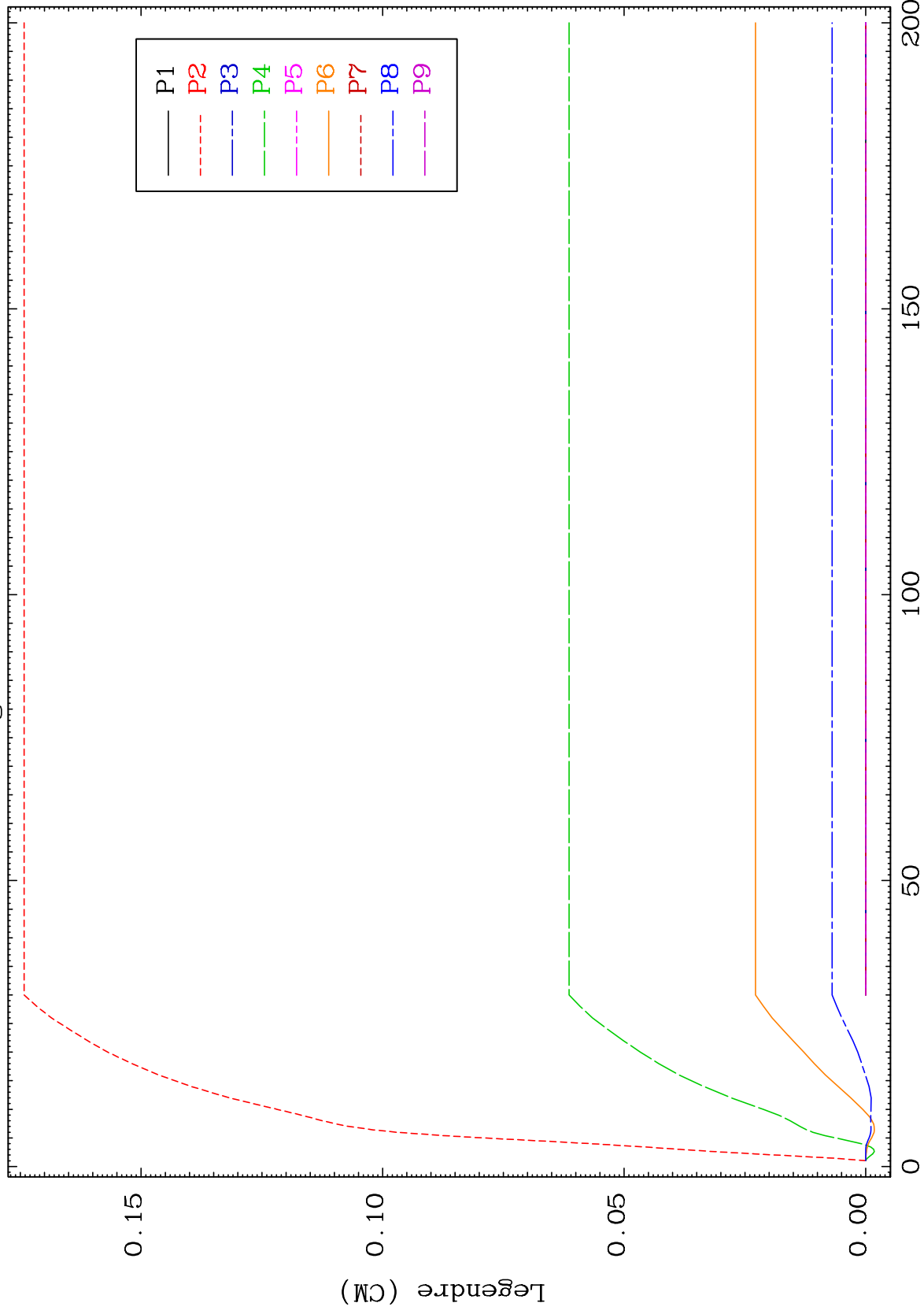
48-Cd-113



MAT 4846

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

48-Cd-113



89

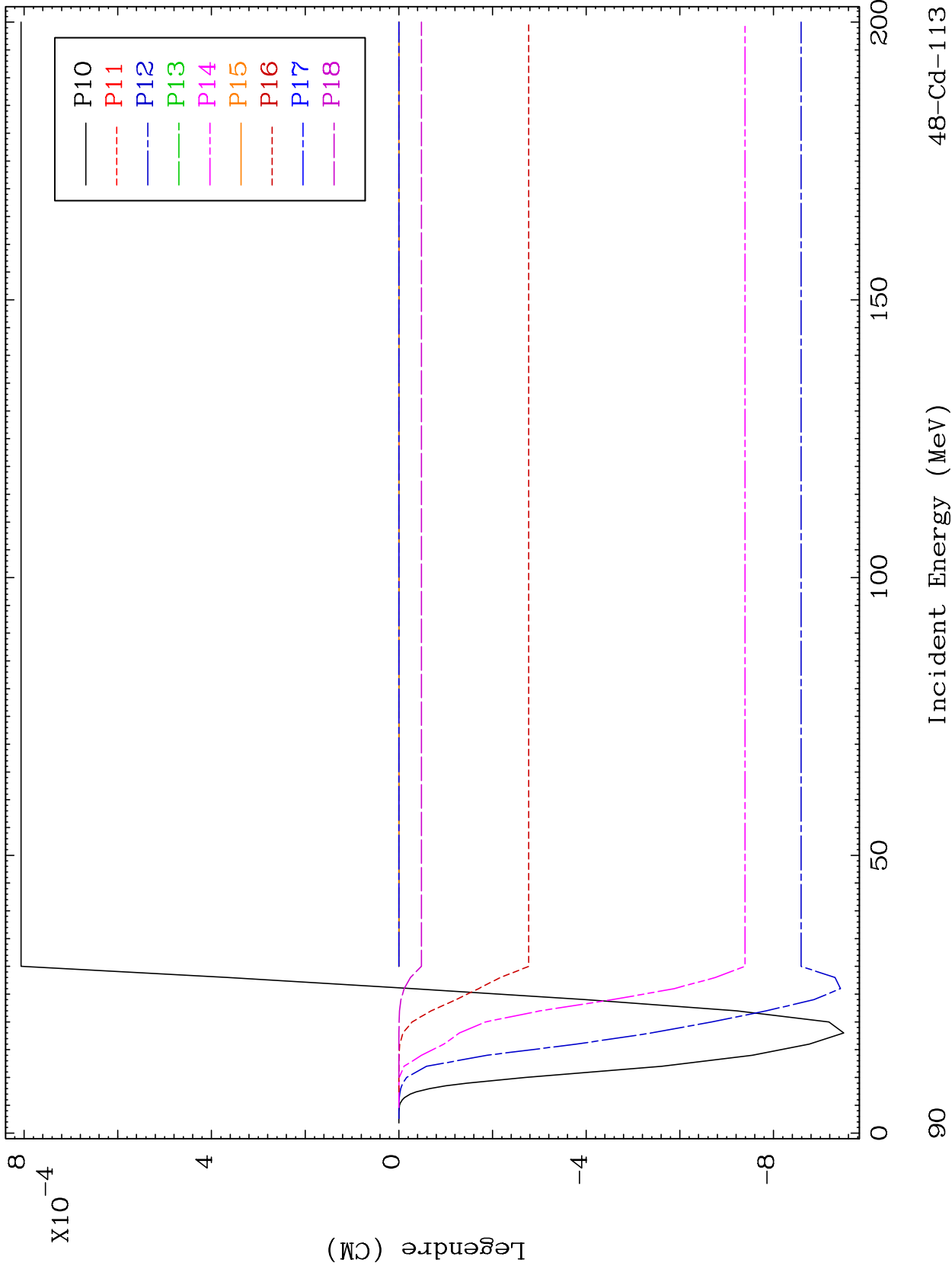
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



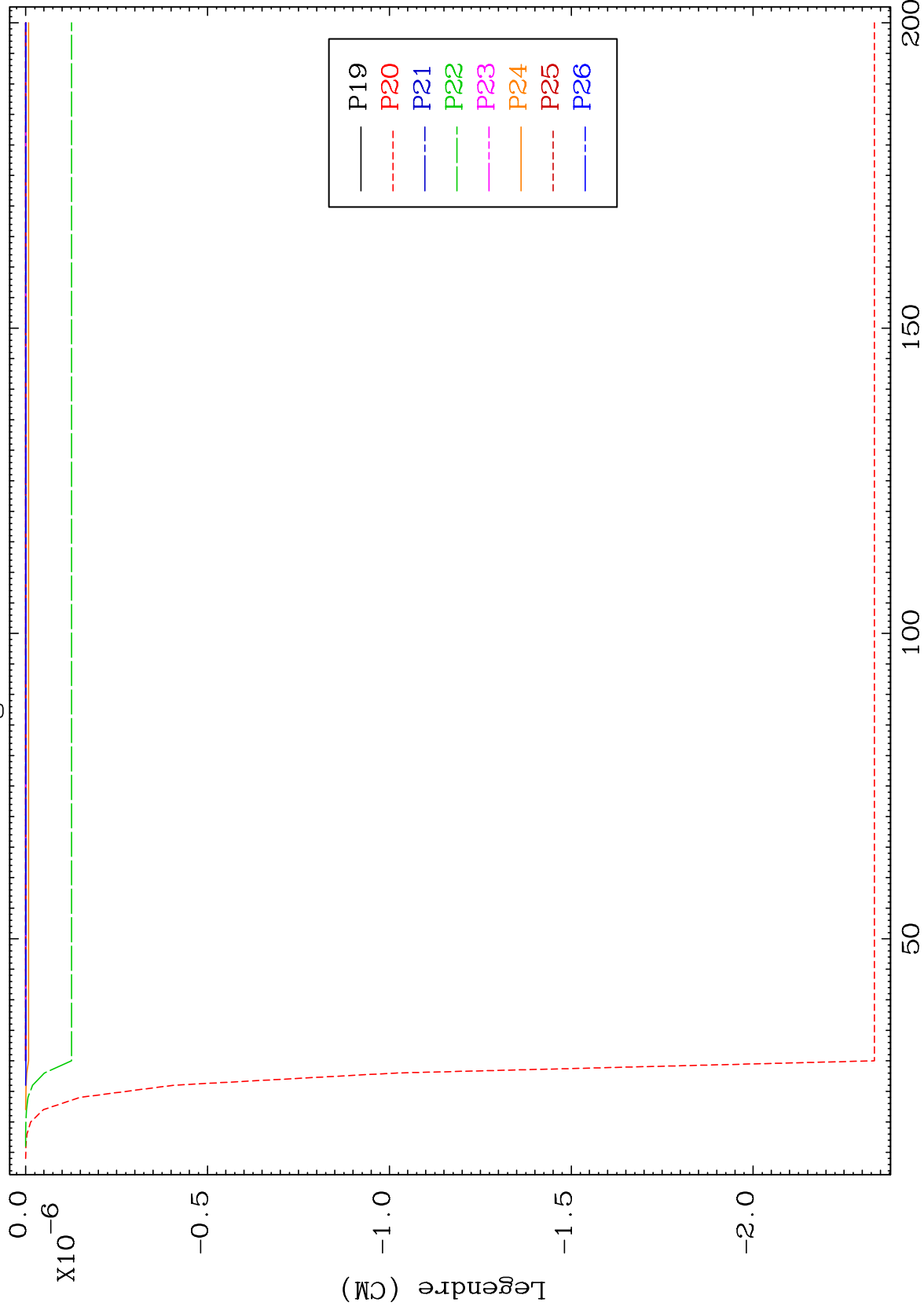
48-Cd-113

Incident Energy (MeV)

MAT 4846

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

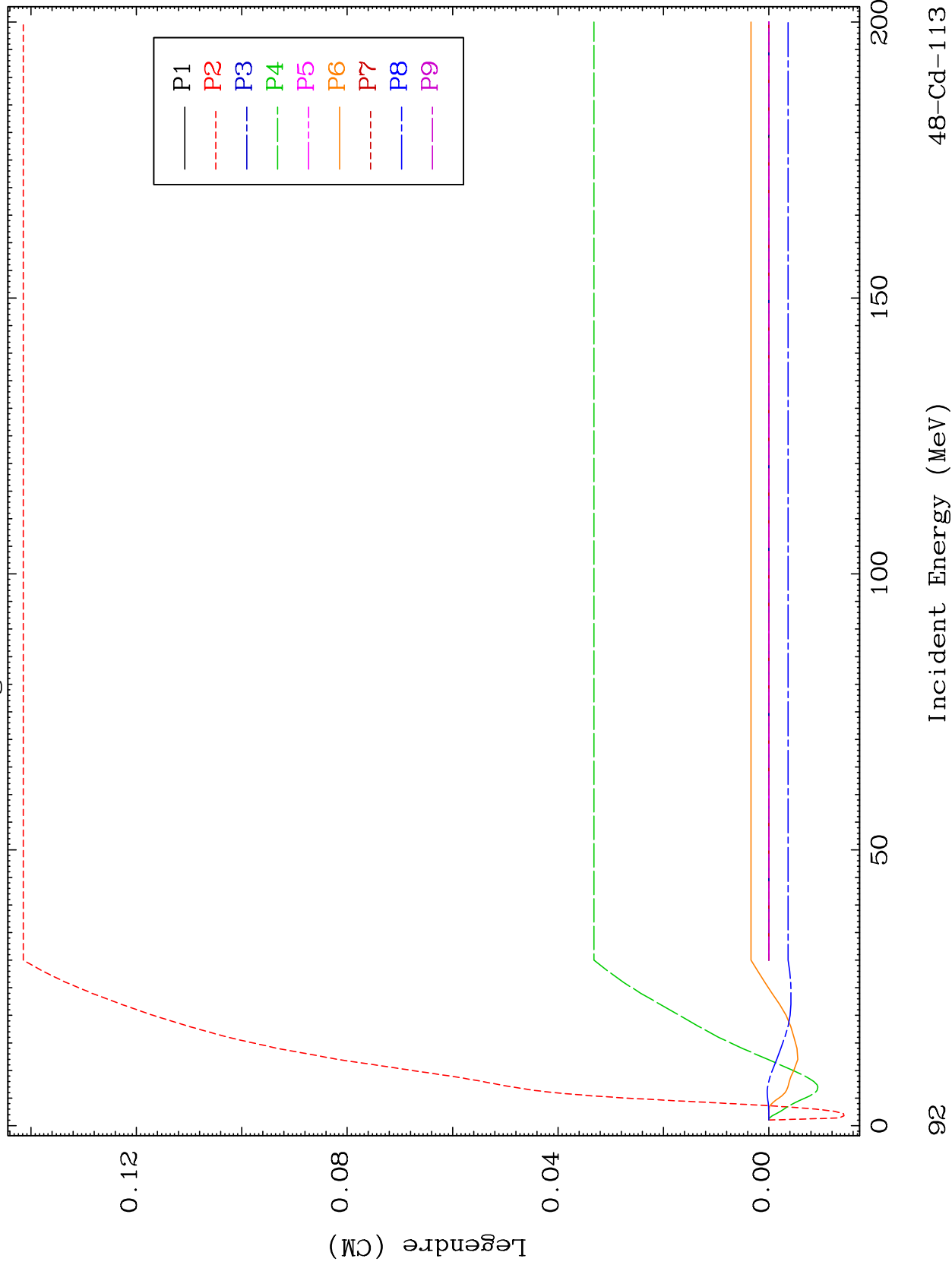
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

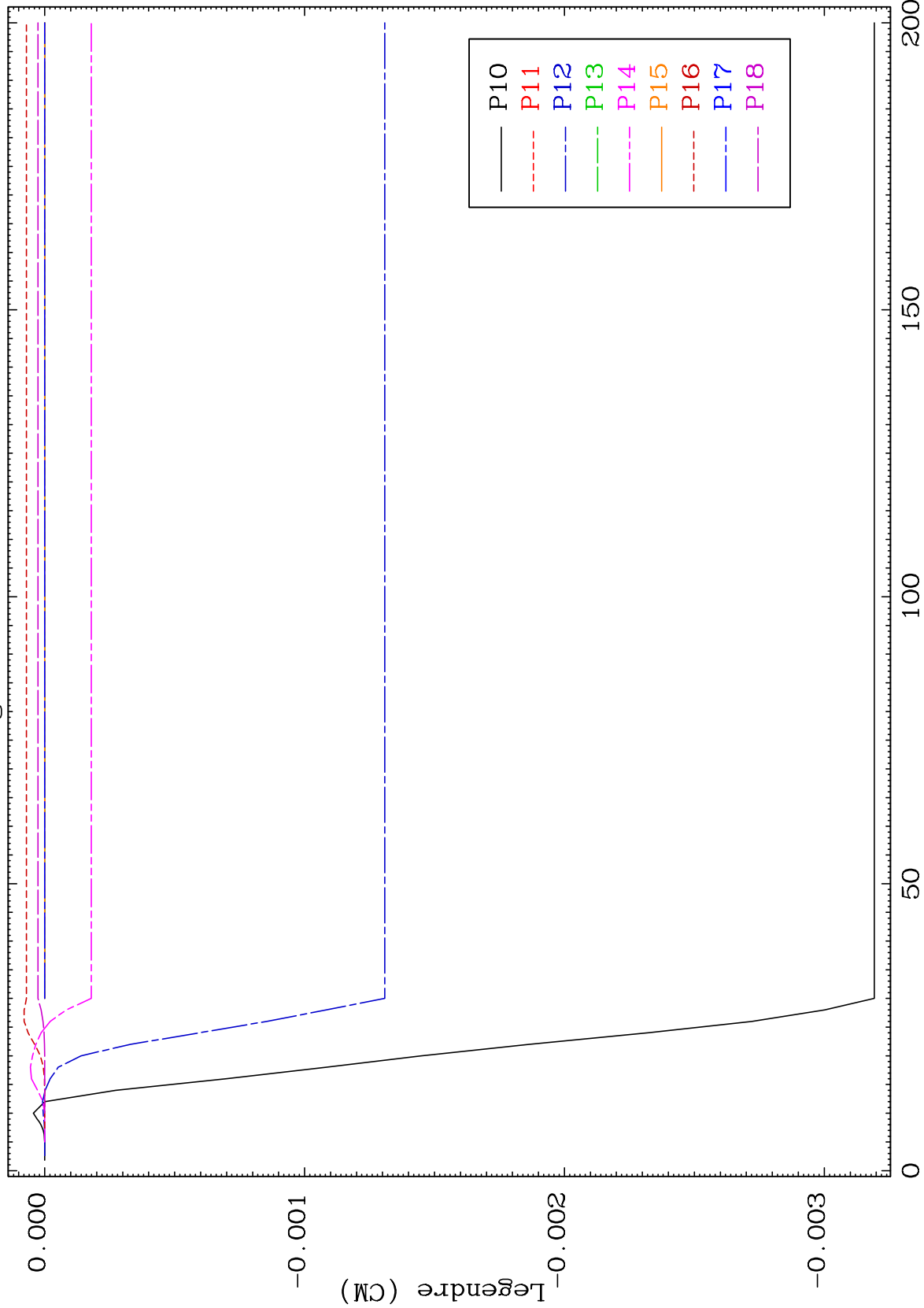
Incident Energy (MeV)

92

MAT 4846

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

48-Cd-113



93

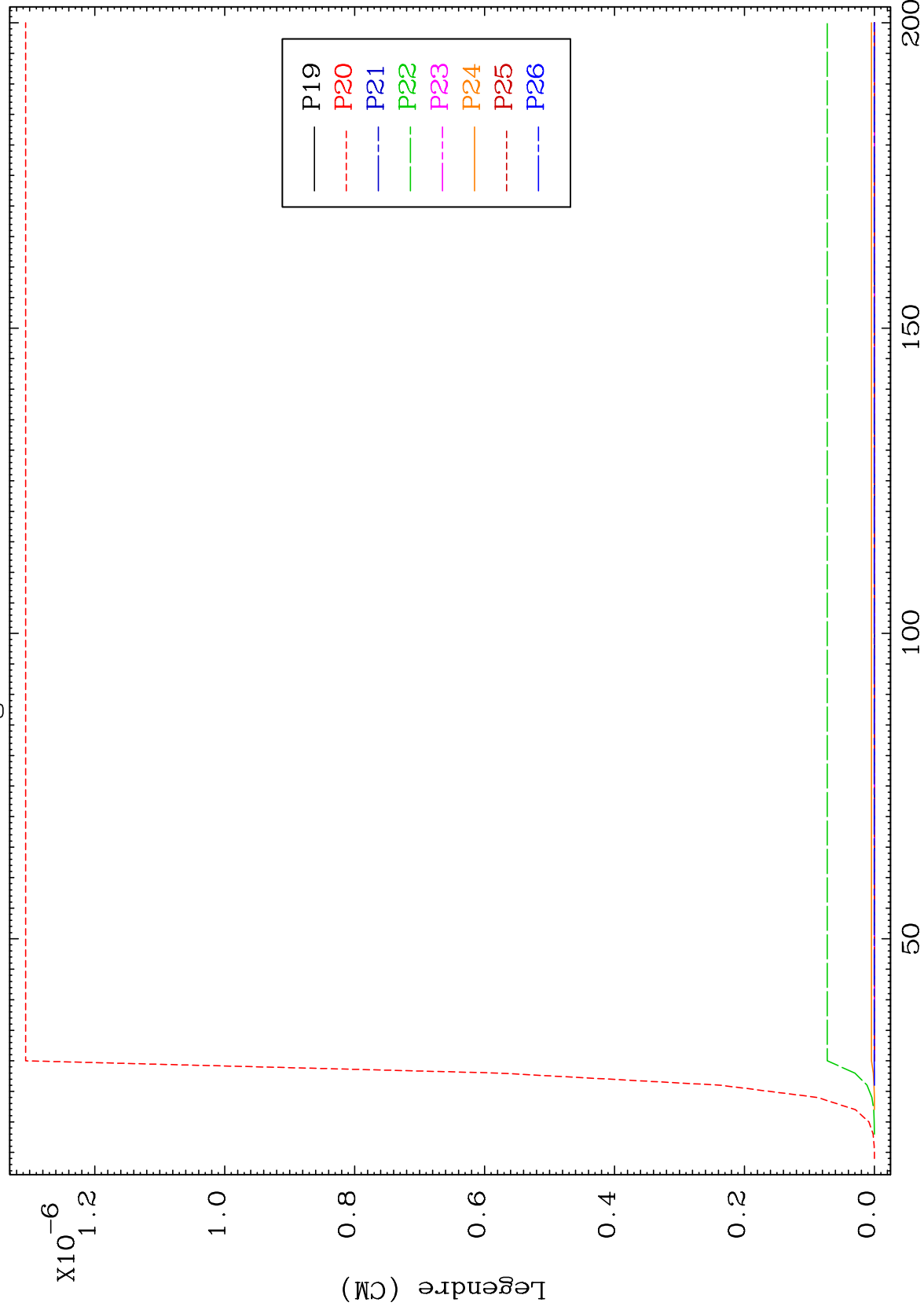
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

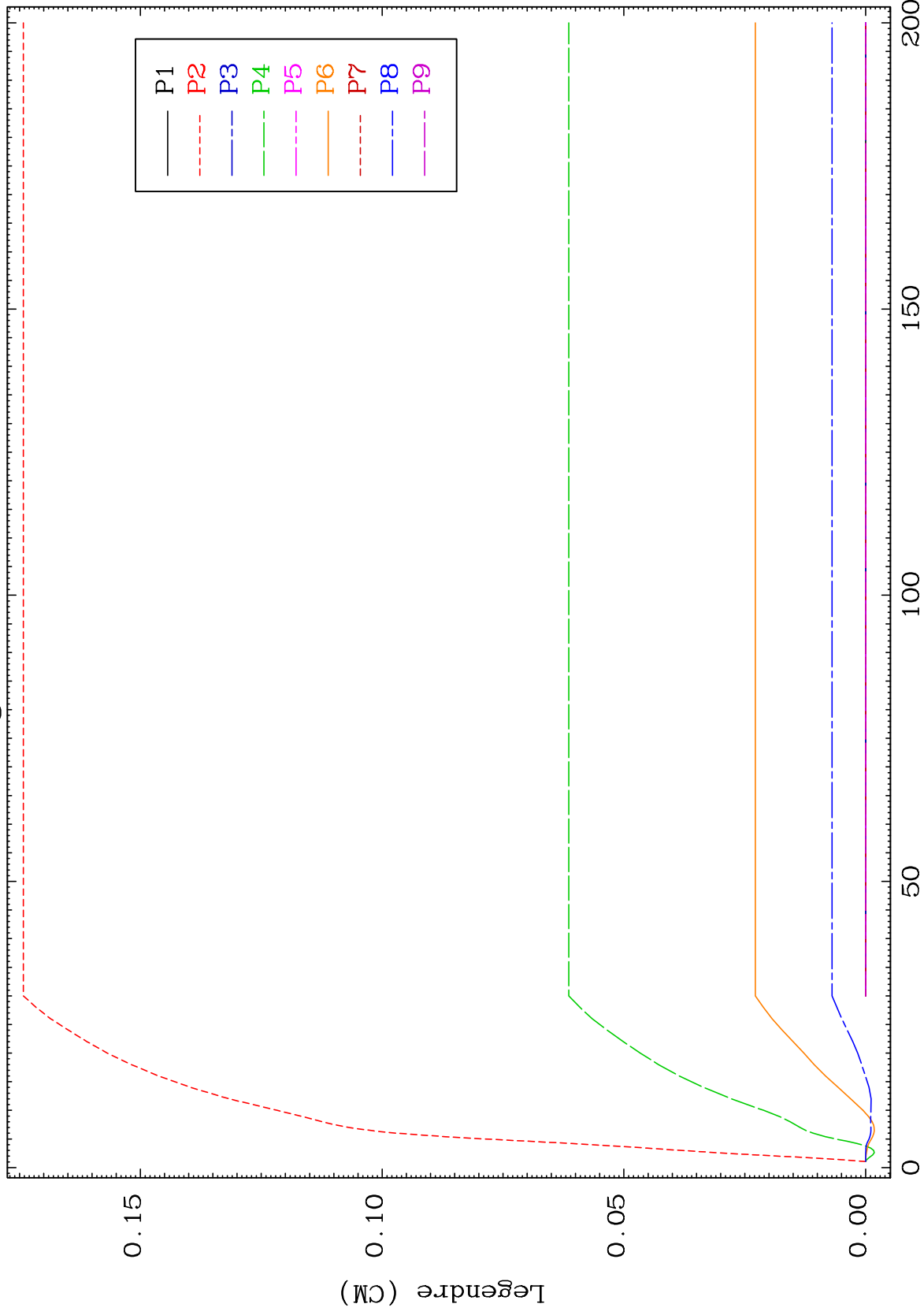
Incident Energy (MeV)

94

MAT 4846

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

48-Cd-113



95

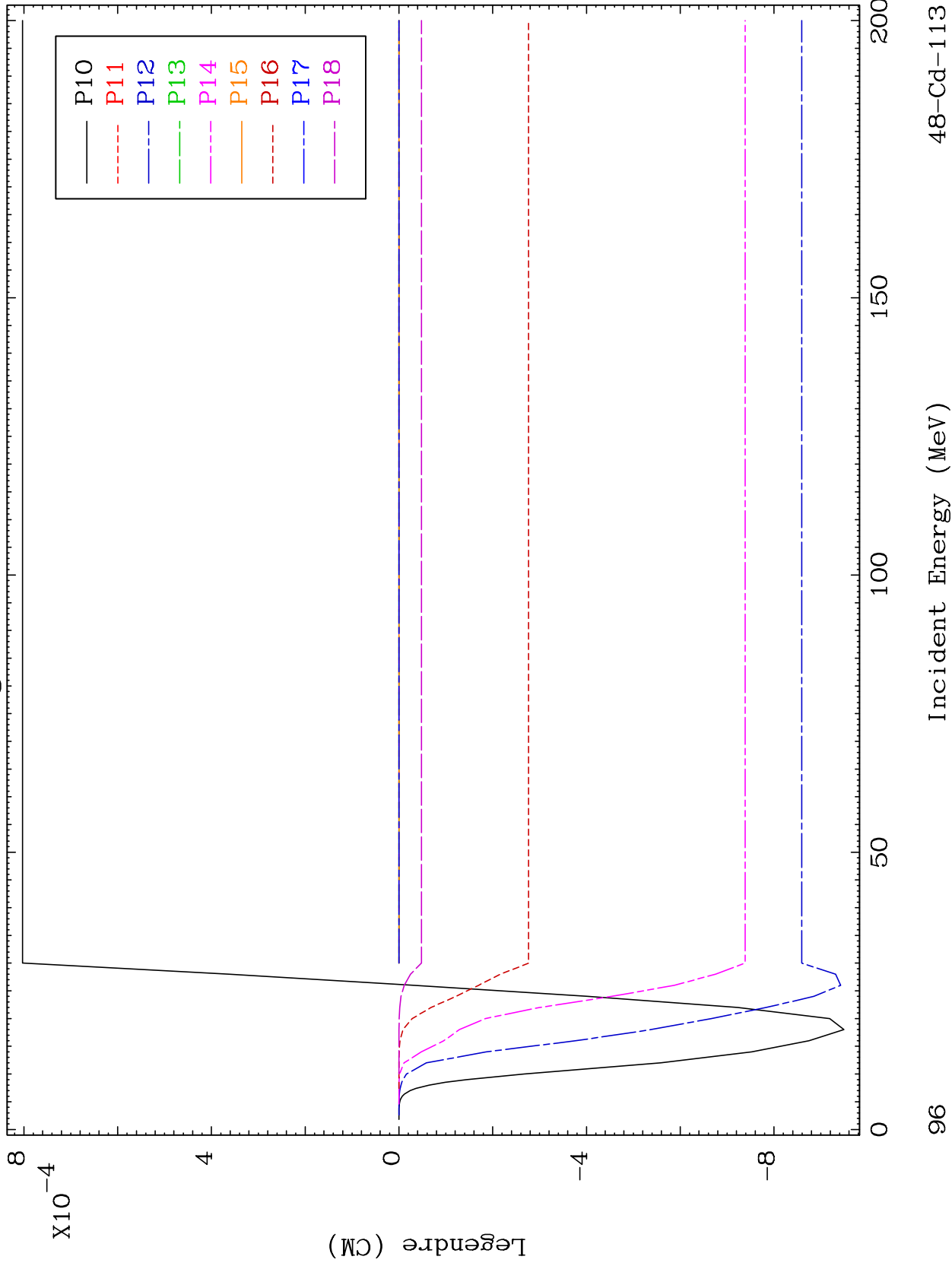
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



48-Cd-113

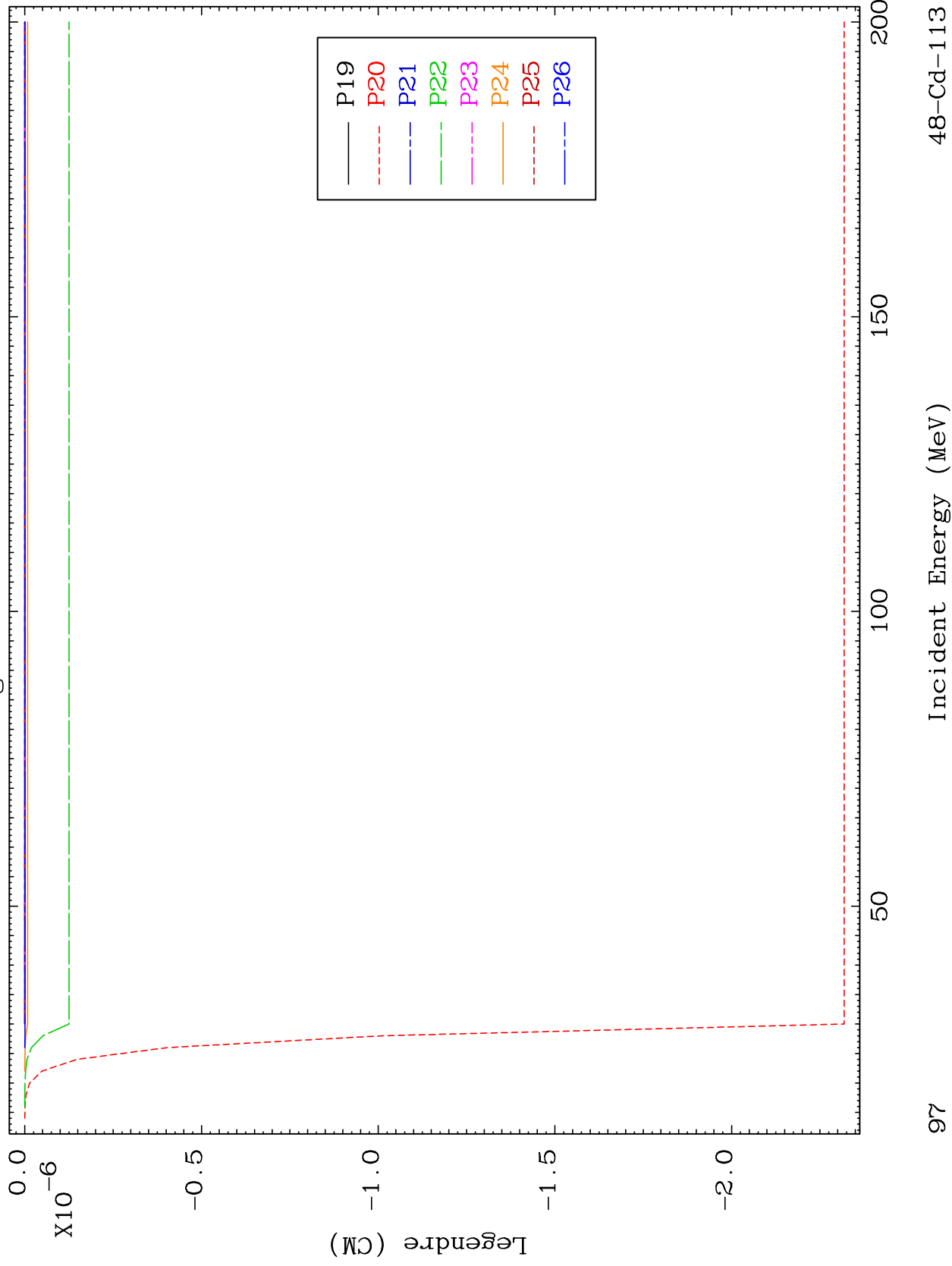
Incident Energy (MeV)

96

MAT 4846

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

48-Cd-113



97

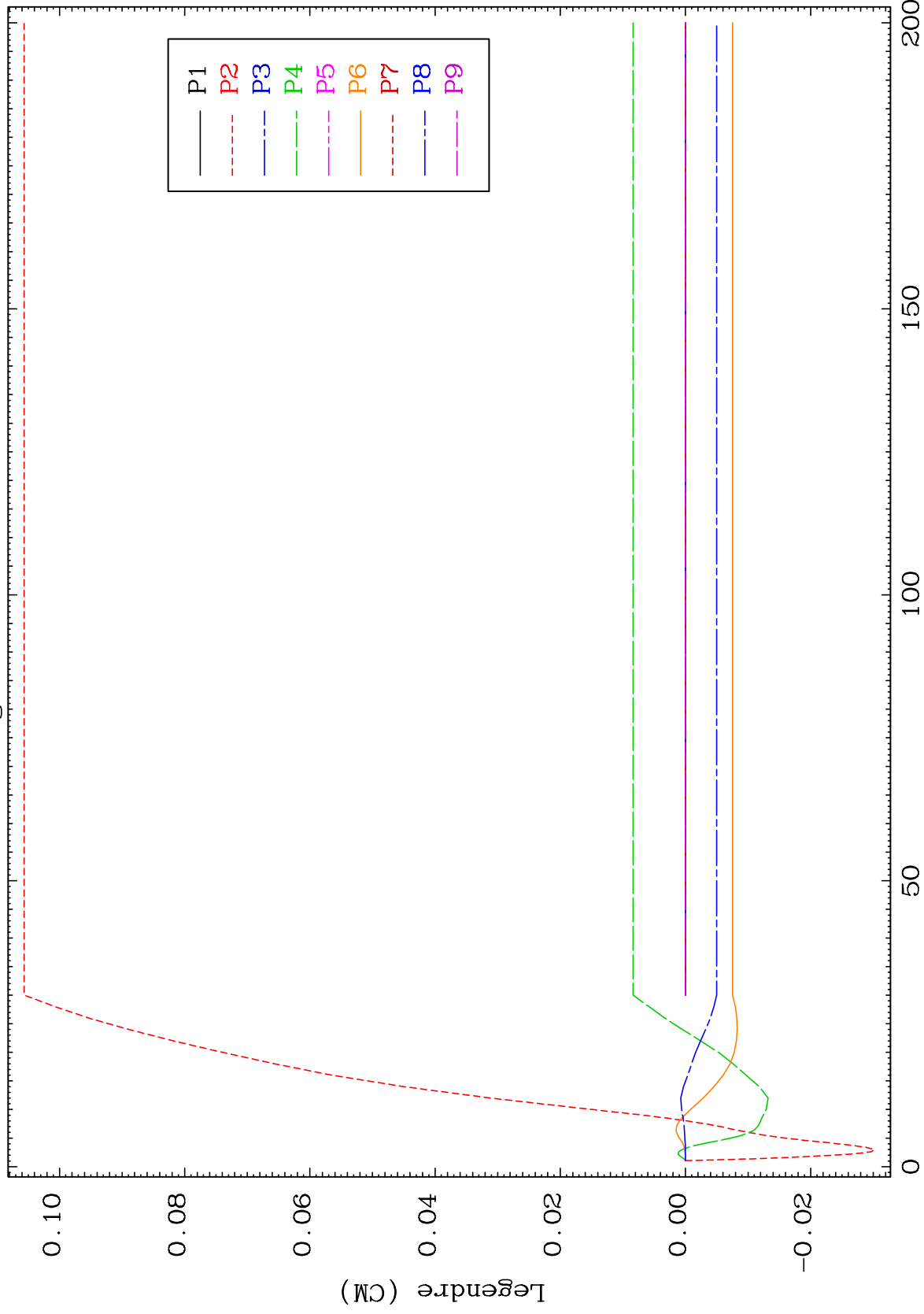
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



98

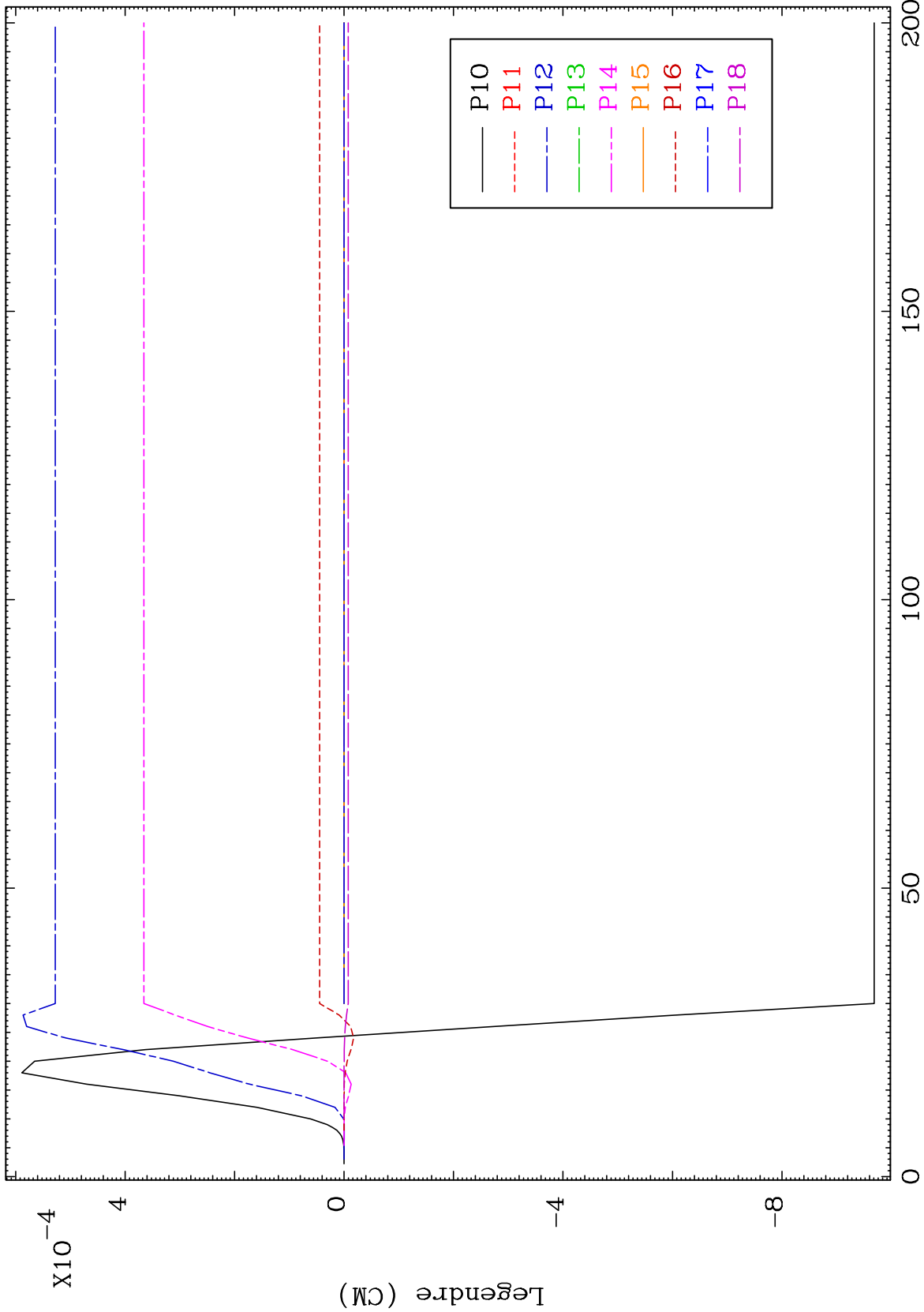
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



99

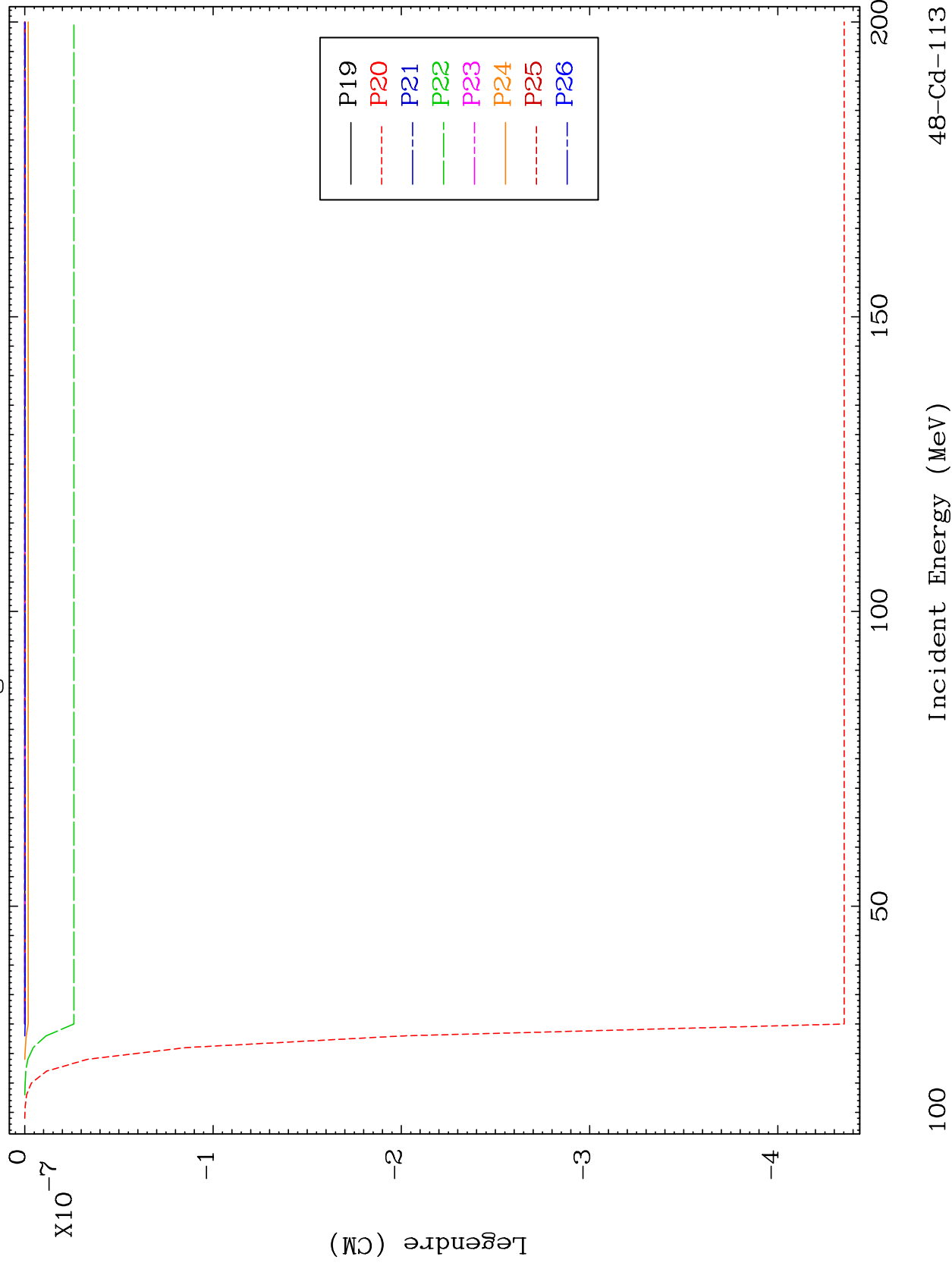
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

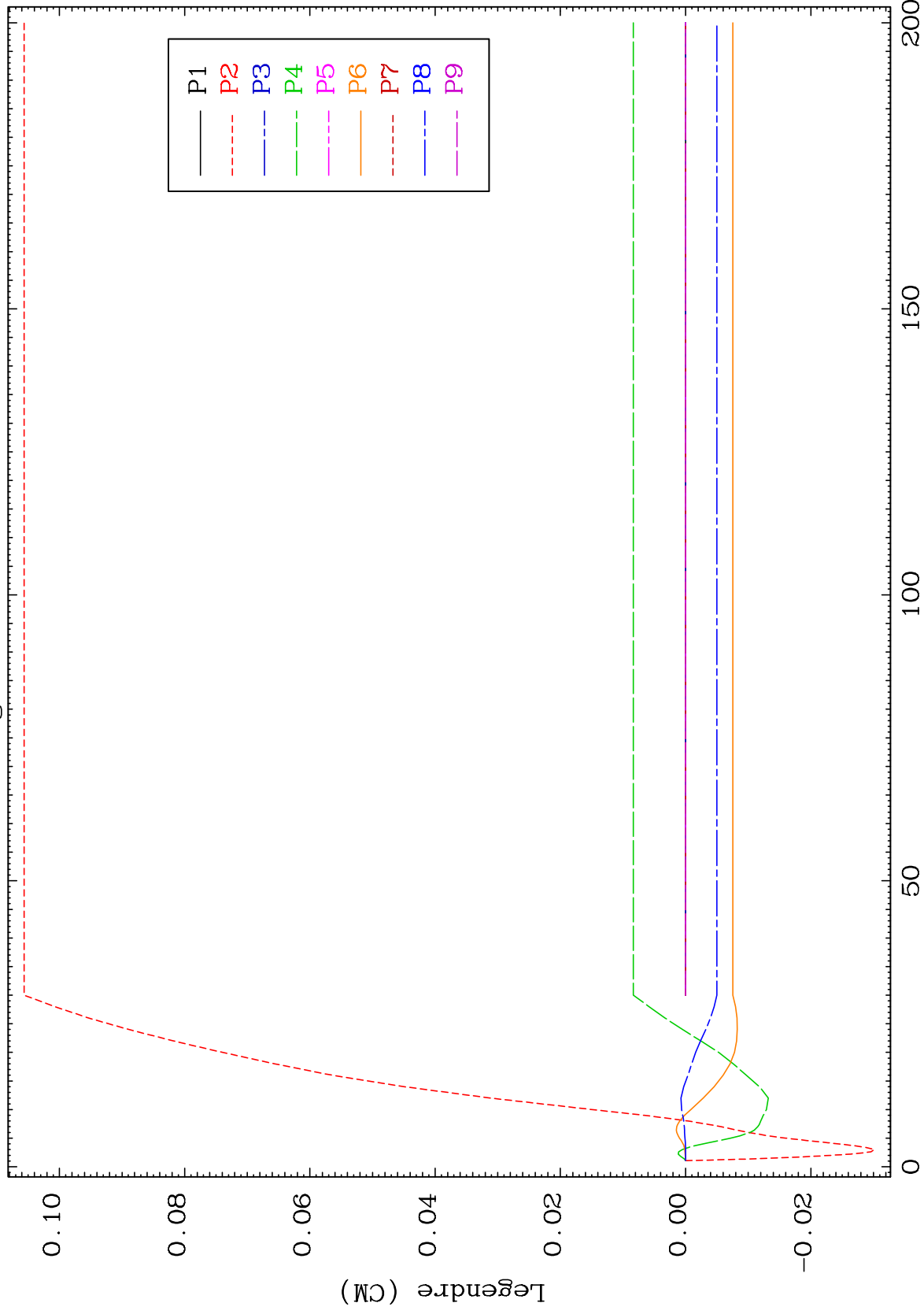
48-Cd-113



MAT 4846

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

48-Cd-113



48-Cd-113

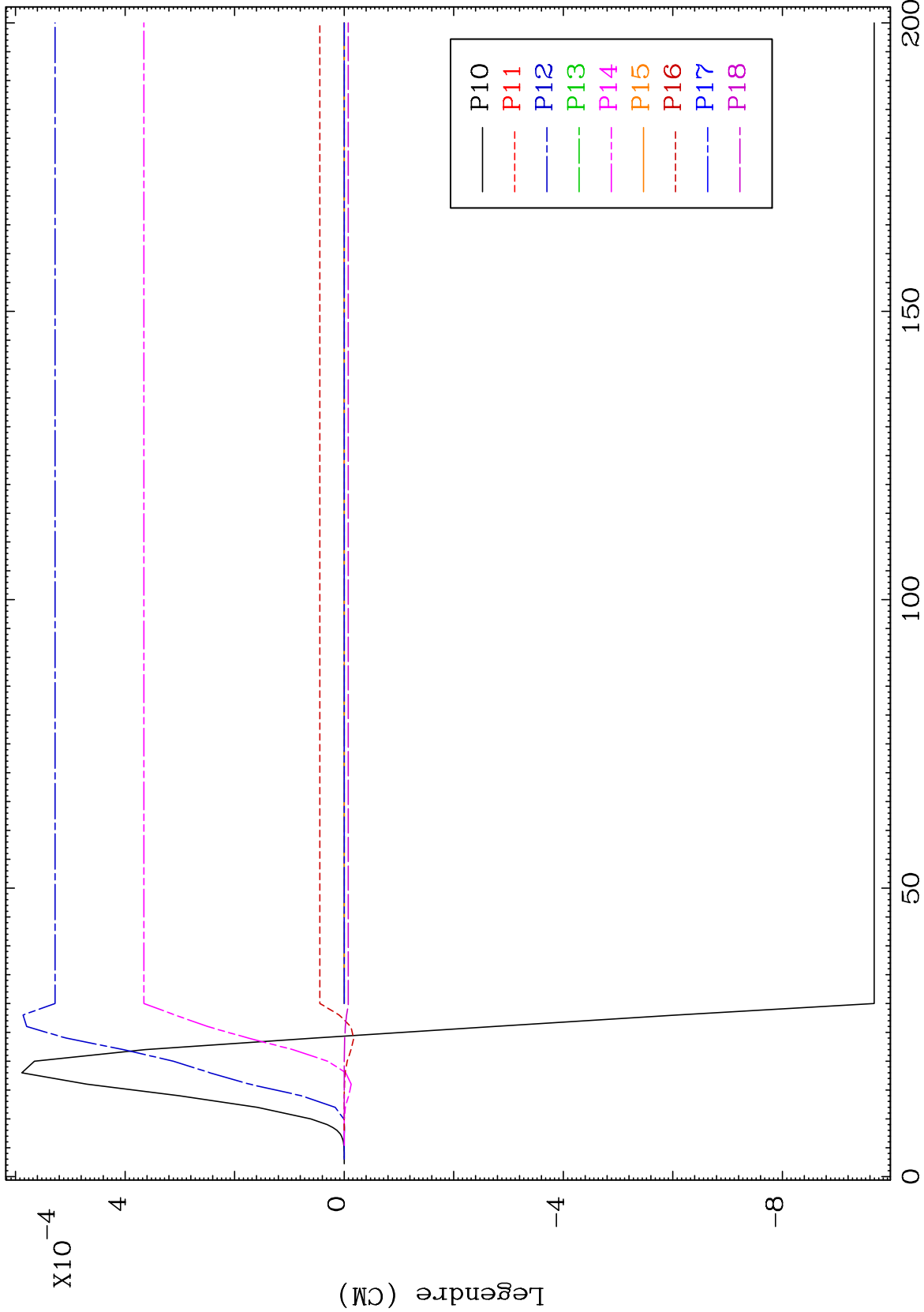
Incident Energy (MeV)

101

MAT 4846

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

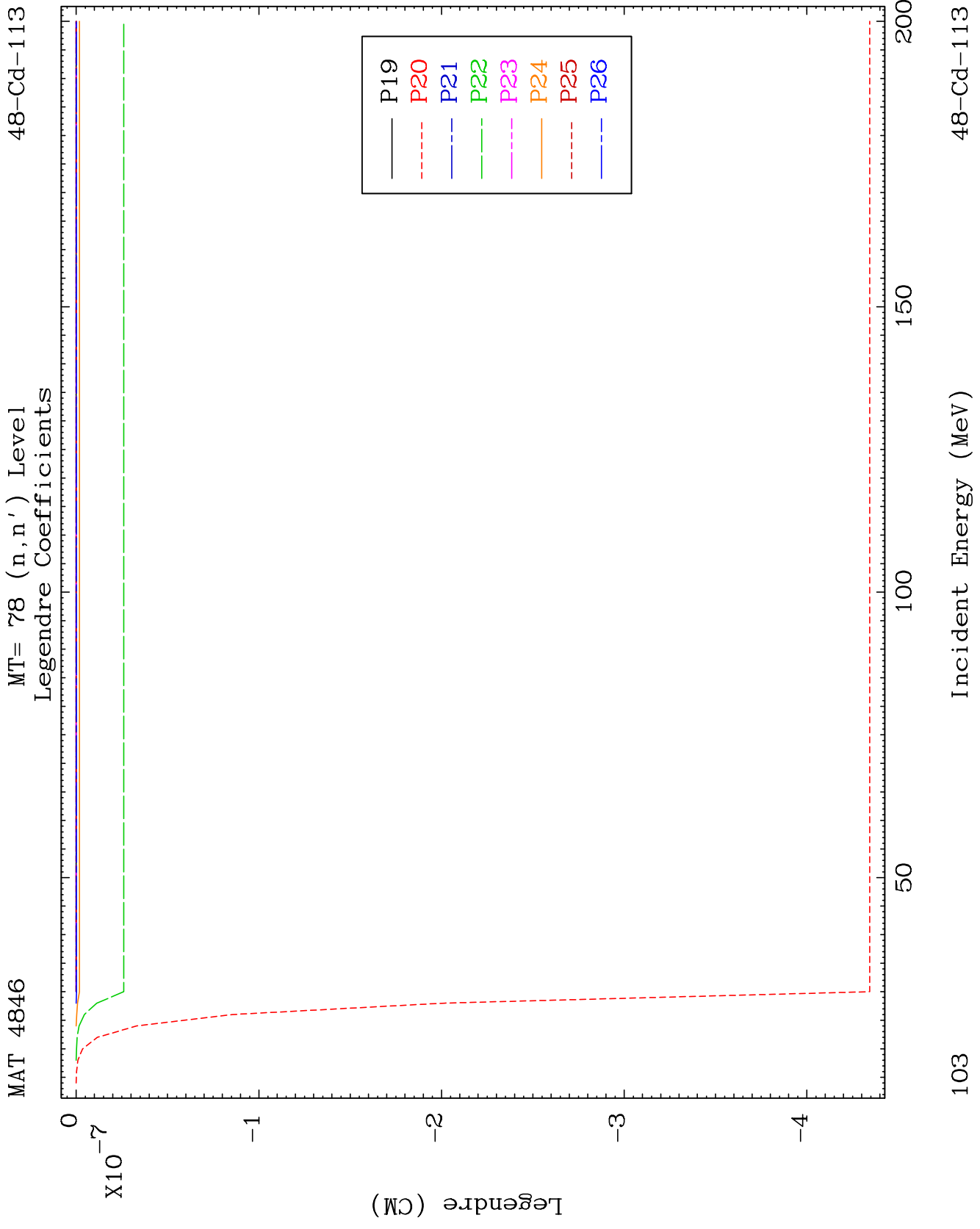
48-Cd-113



102

Incident Energy (MeV)

48-Cd-113

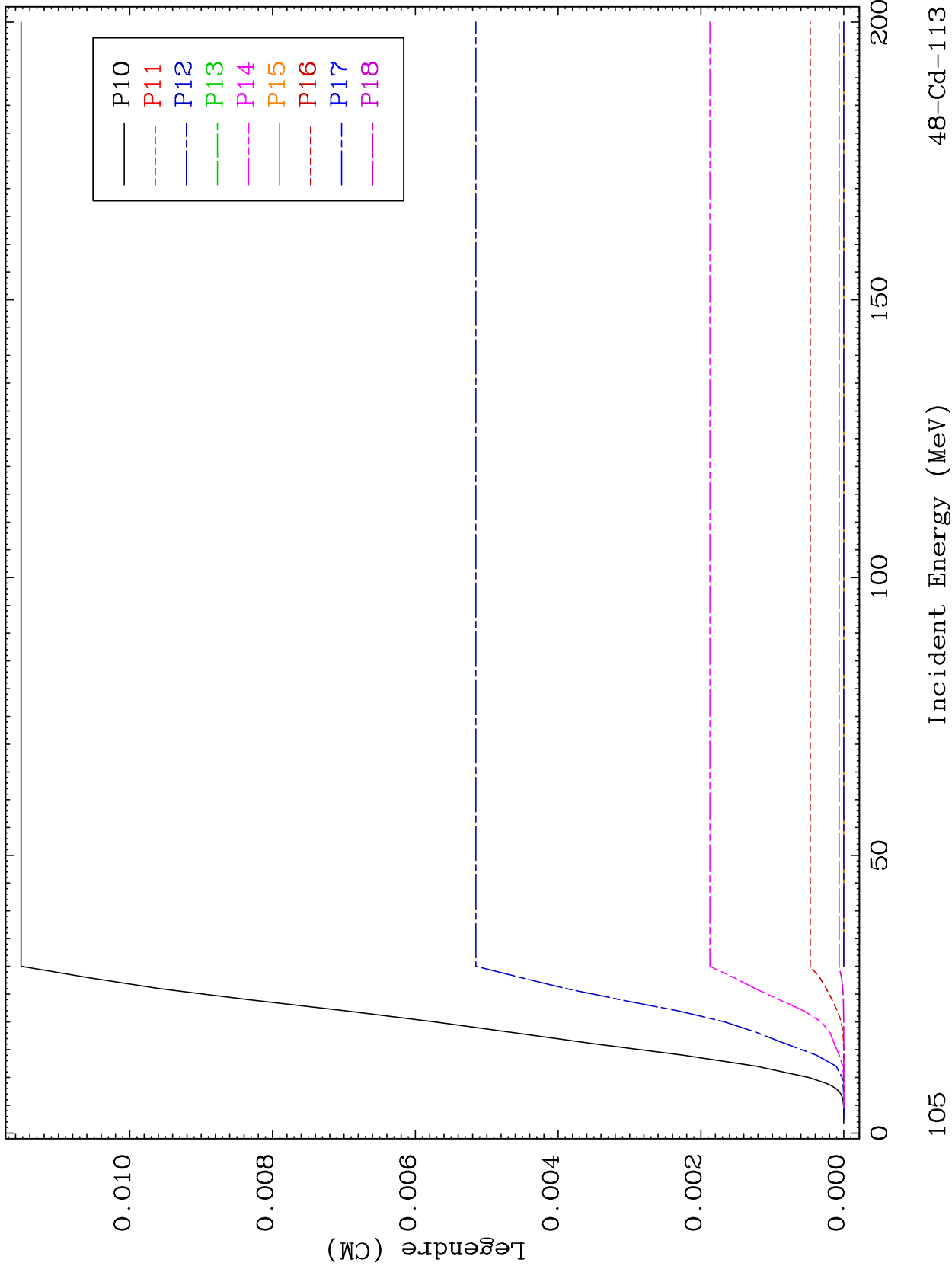




MAT 4846

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

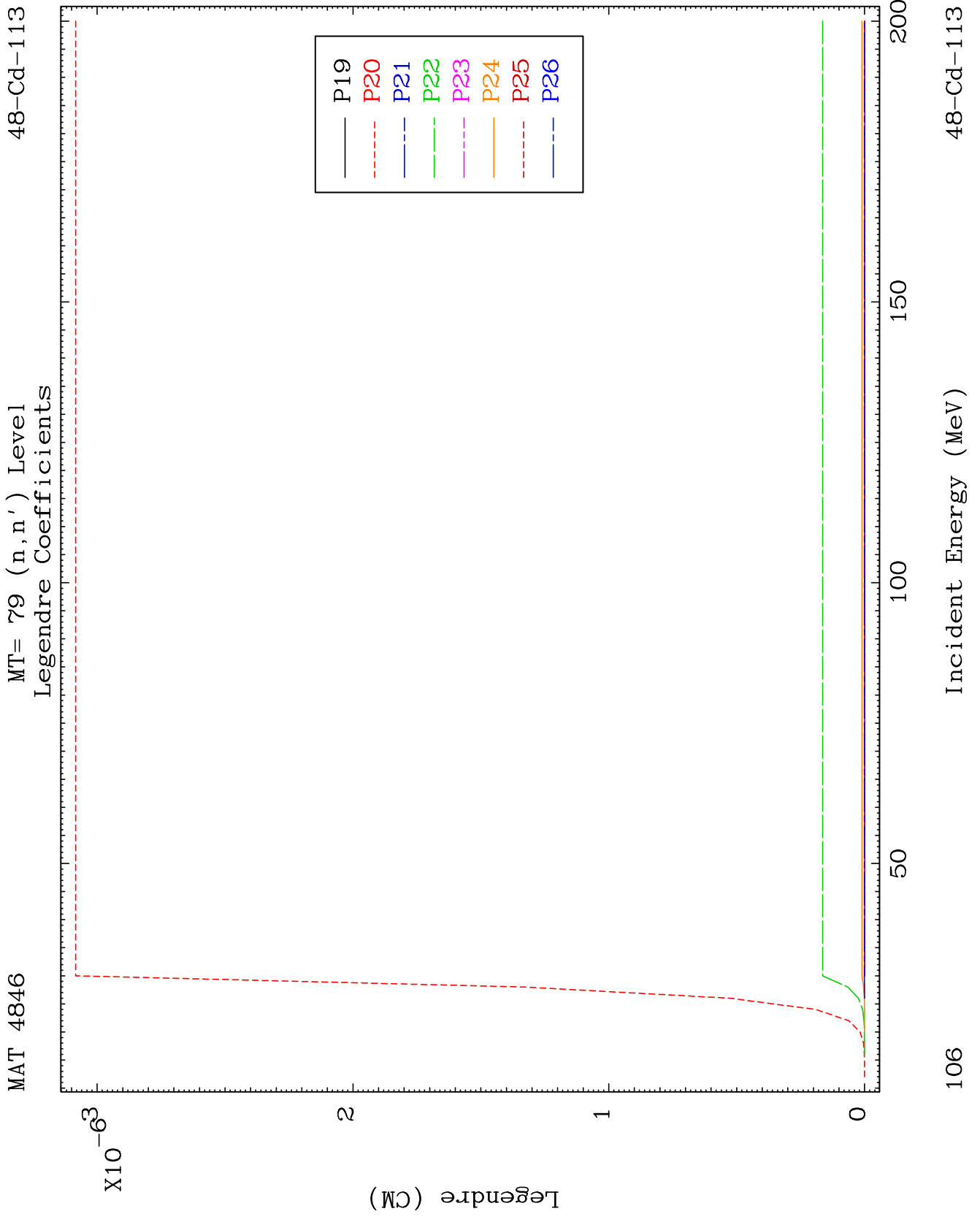
48-Cd-113

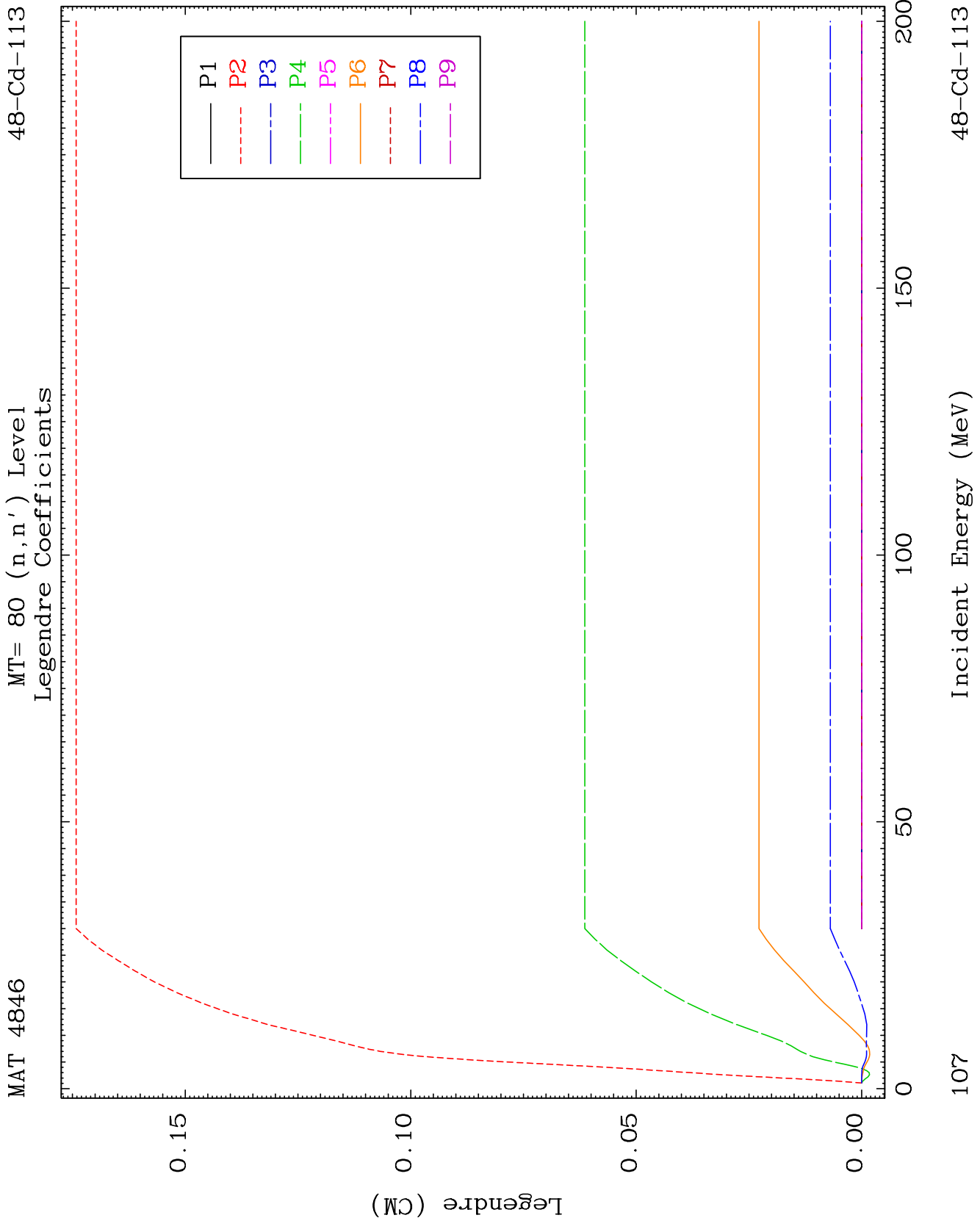


48-Cd-113

Incident Energy (MeV)

105

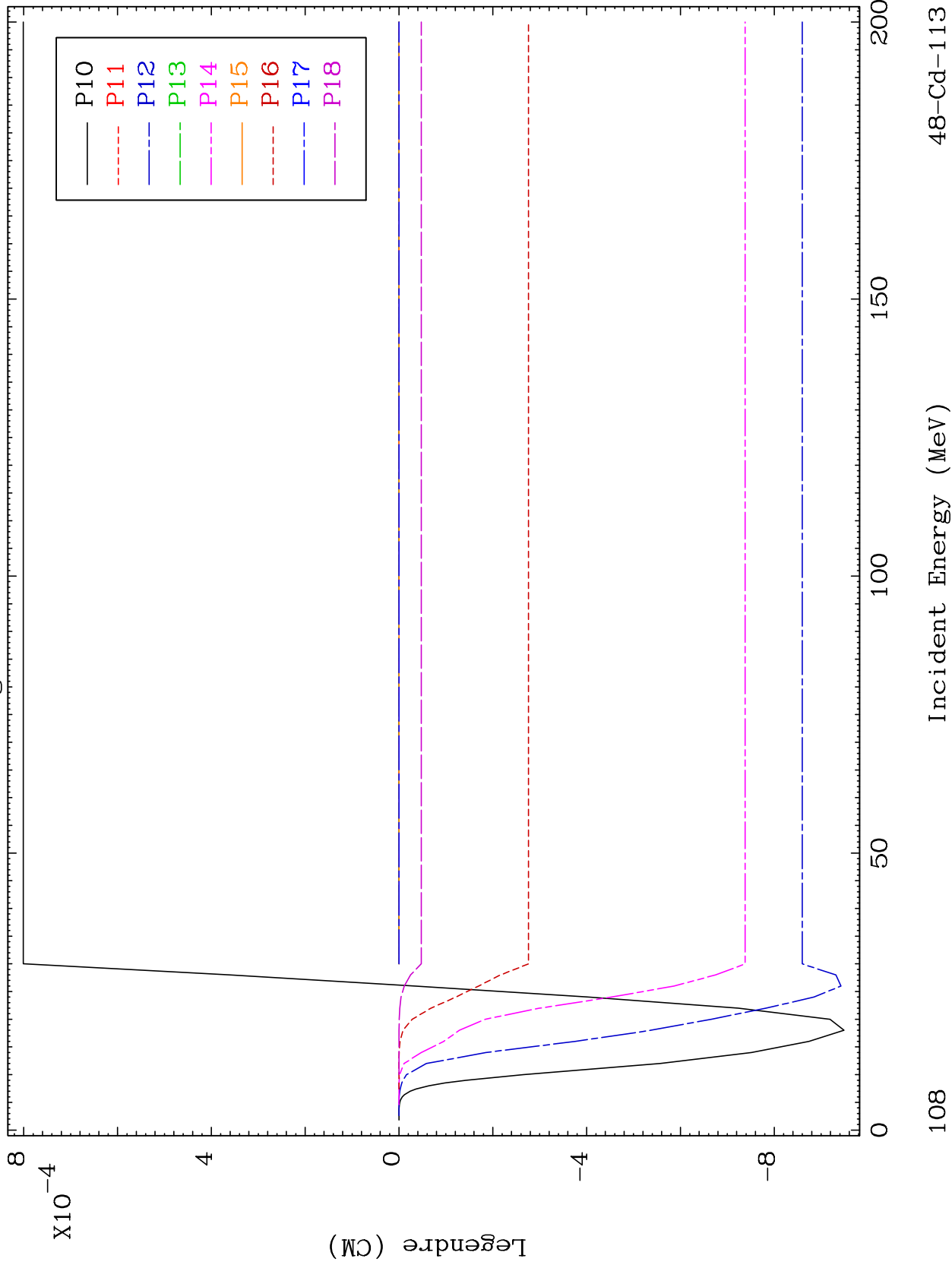




MAT 4846

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

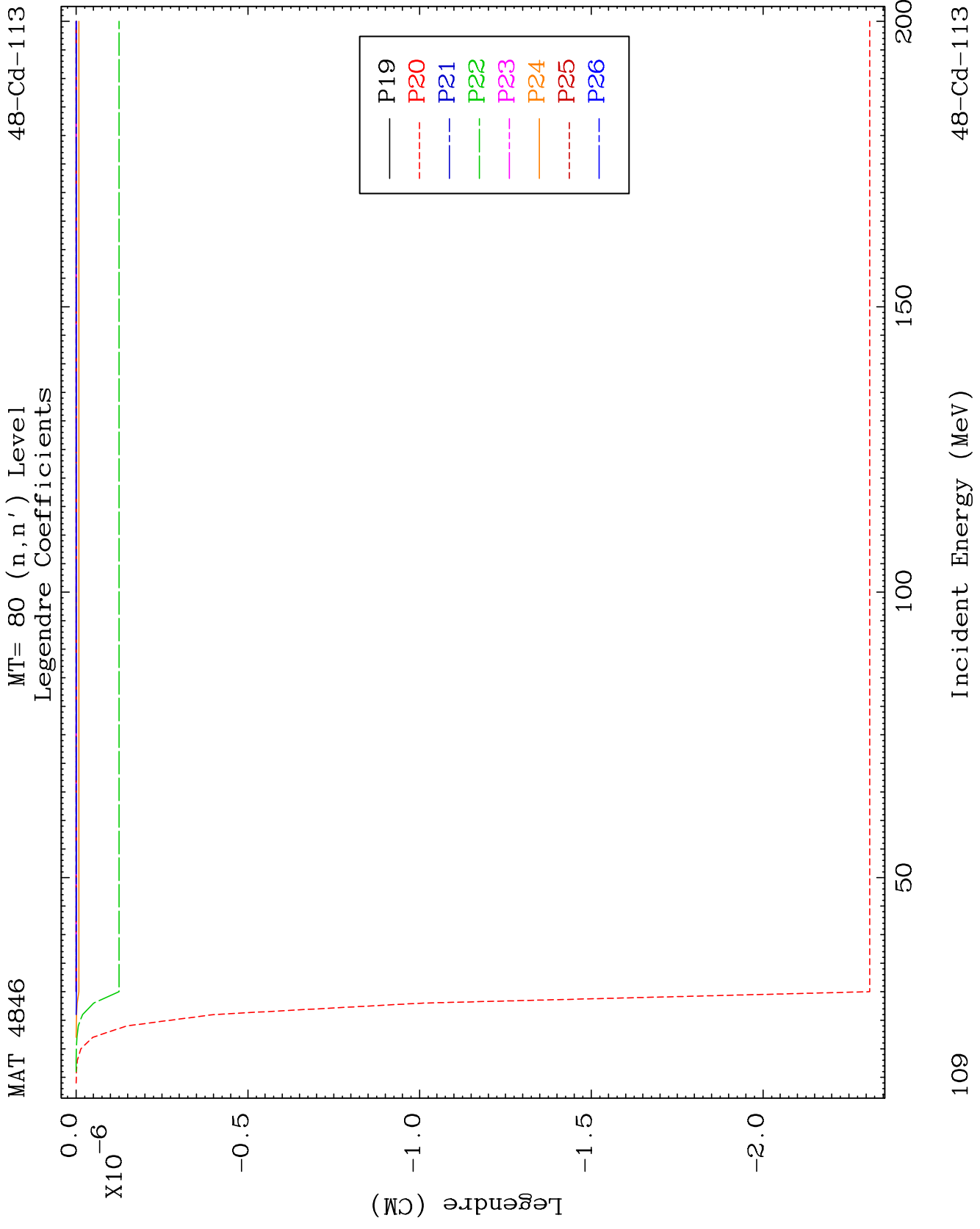
48-Cd-113



48-Cd-113

Incident Energy (MeV)

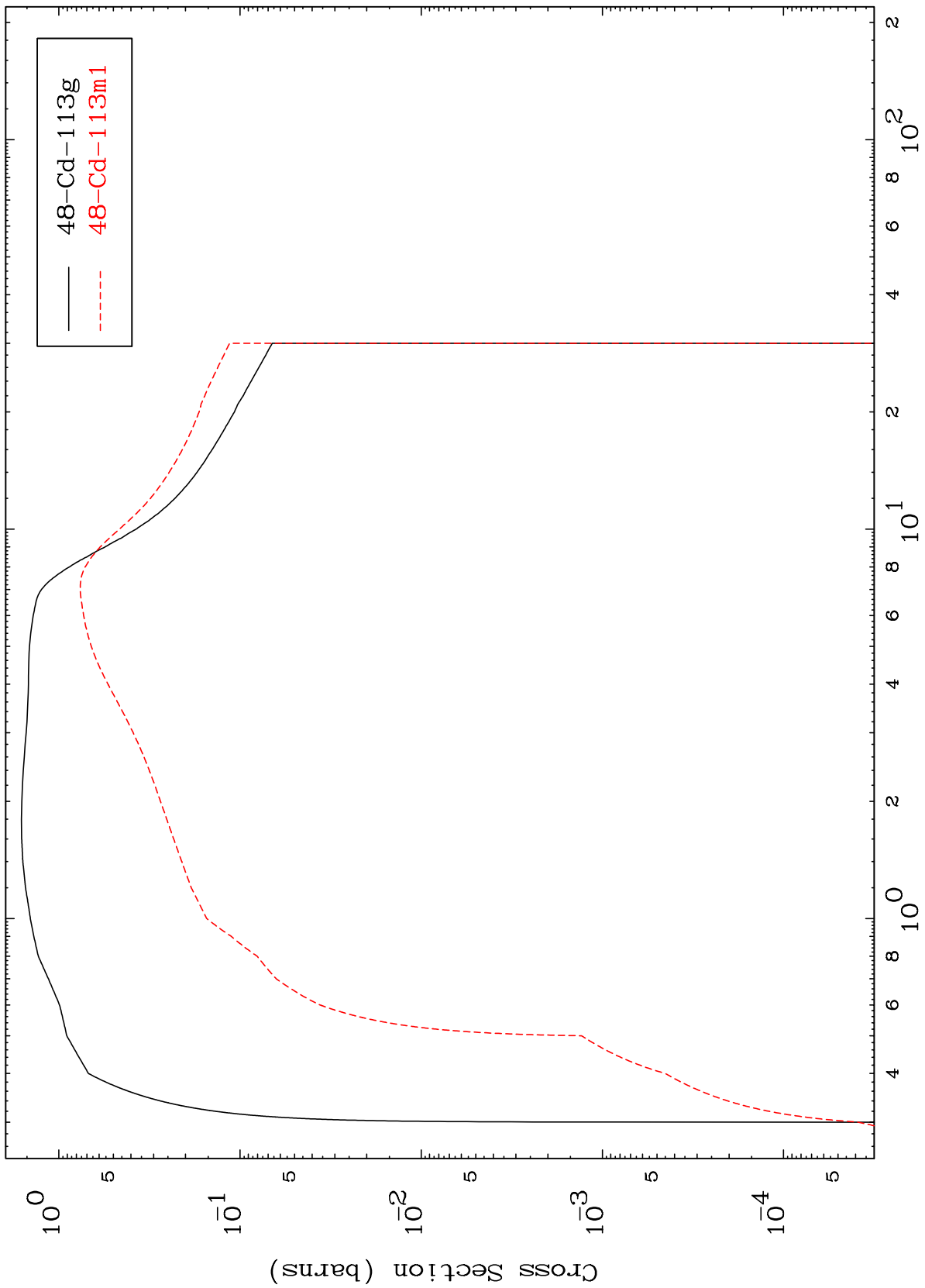
108



MAT 4846

48-Cd-113

Inelastic  
Radionuclide Production Cross Section



110

Incident Energy (MeV)

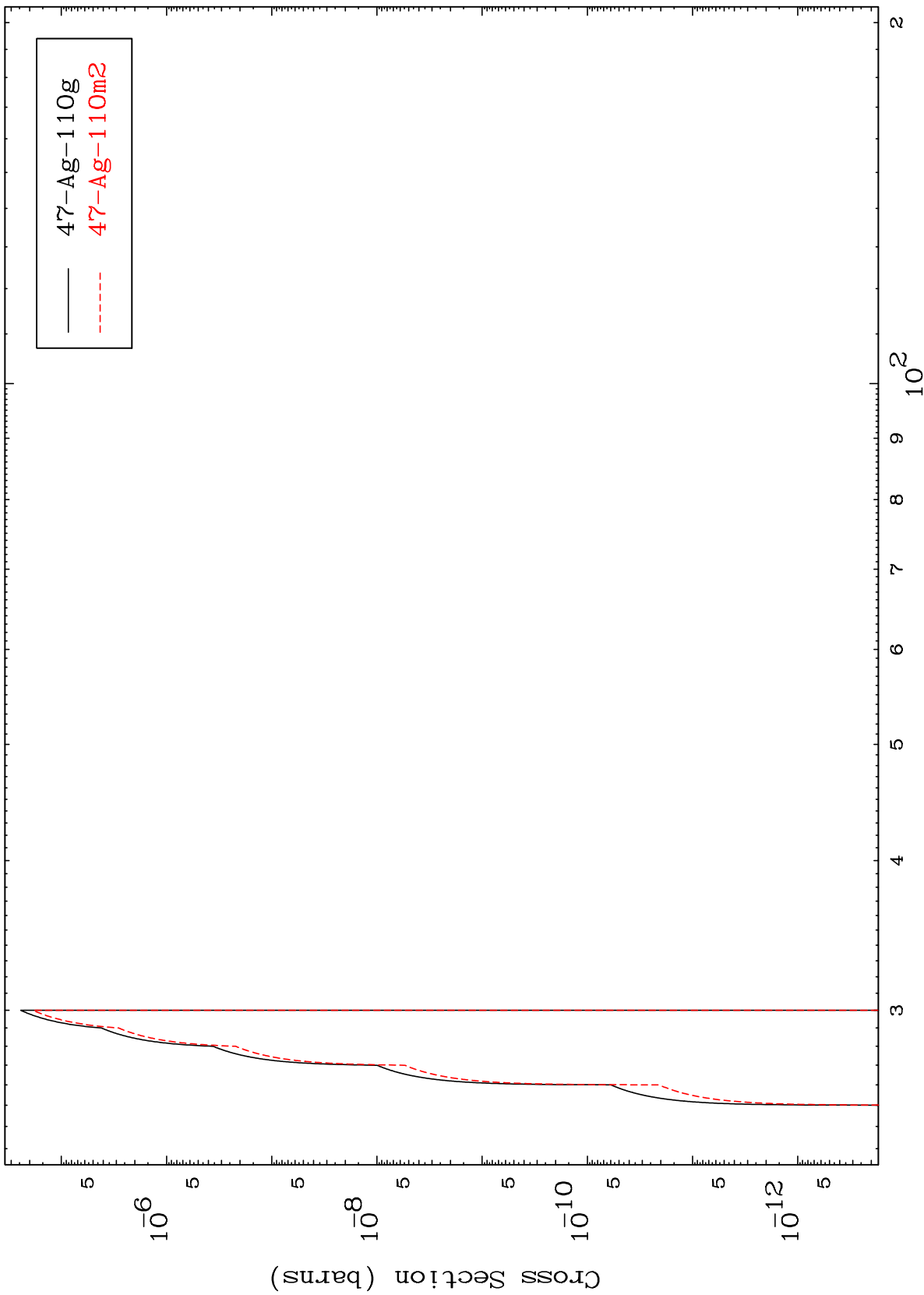
48-Cd-113

MAT 4846

(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



111

Incident Energy (MeV)

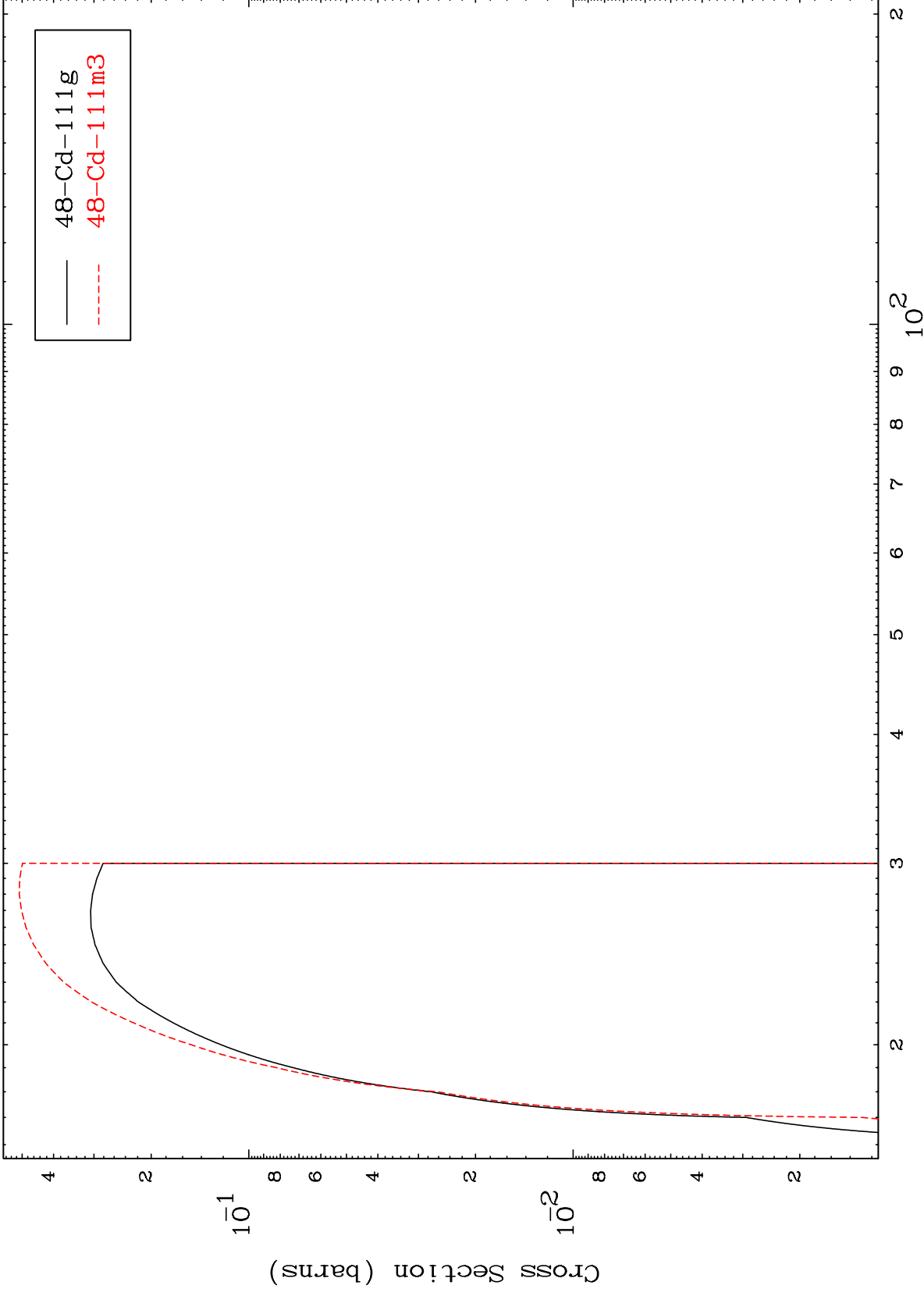
48-Cd-113

MAT 4846

(n,3n)

48-Cd-113

Radionuclide Production Cross Section



48-Cd-111g  
48-Cd-111m3

112

Incident Energy (MeV)

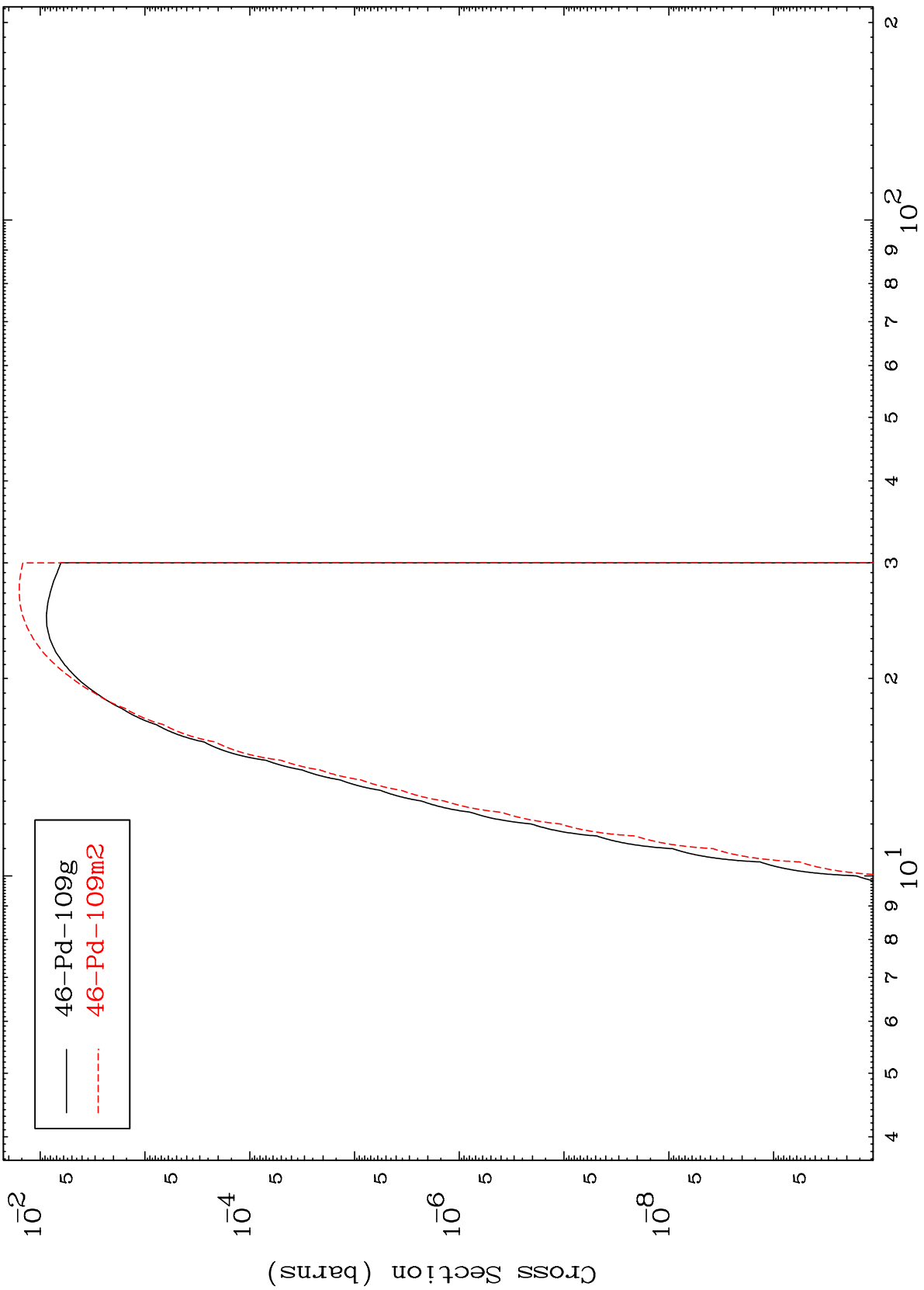
48-Cd-113

MAT 4846

(n,n')  $\alpha$

48-Cd-113

Radionuclide Production Cross Section



— 46-Pd-109g  
- - - 46-Pd-109m2

113

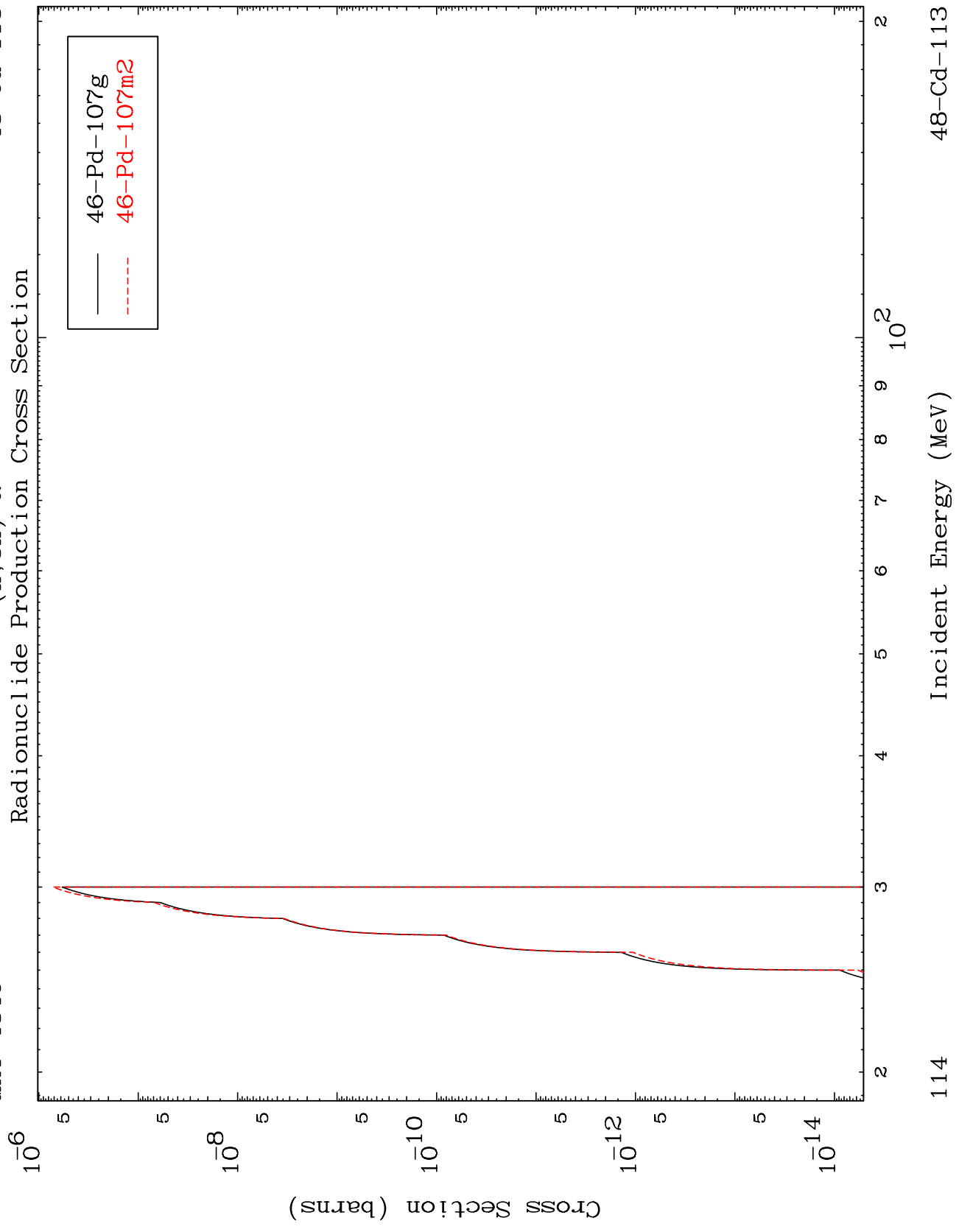
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,3n)  $\alpha$

48-Cd-113



114

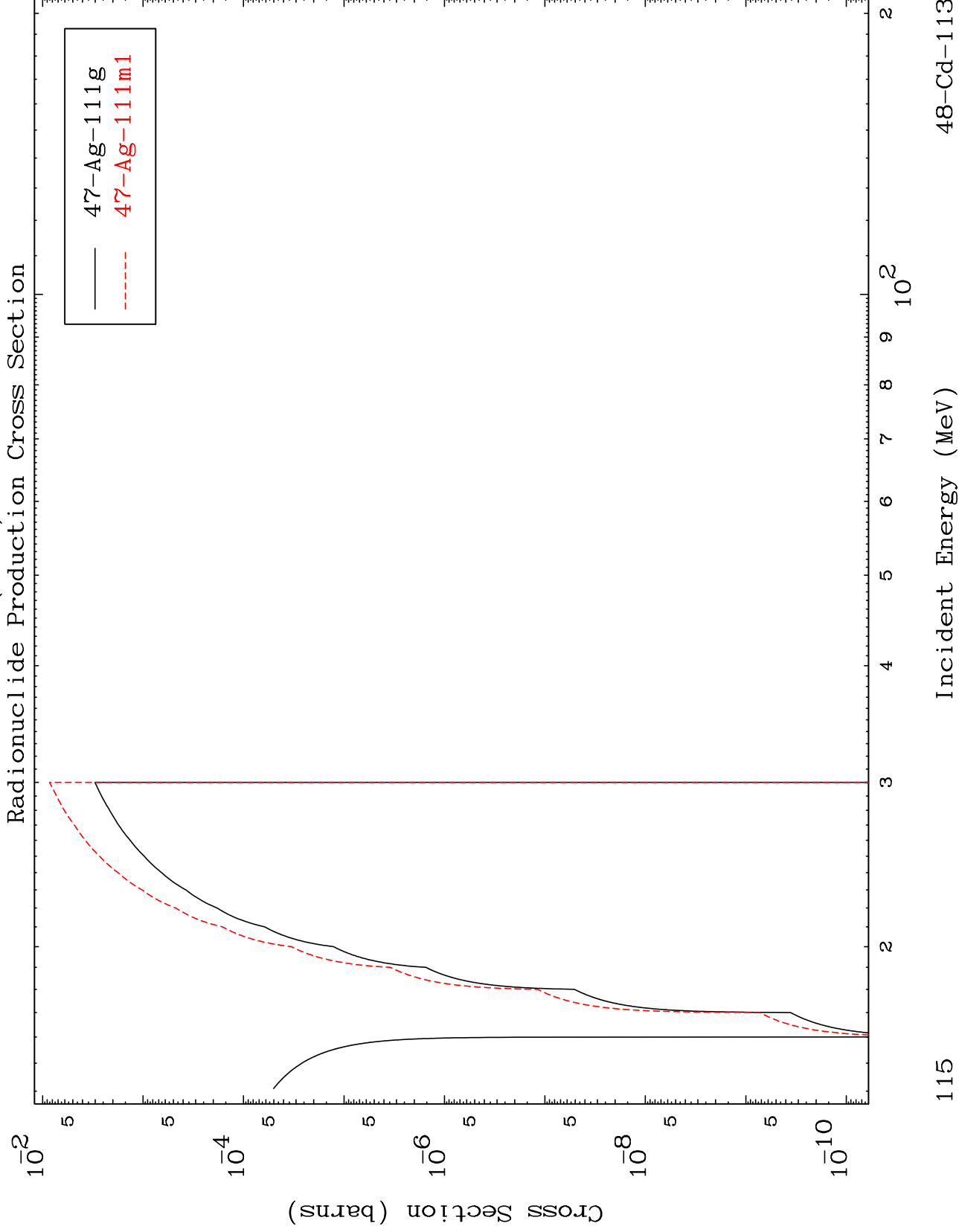
Incident Energy (MeV)

48-Cd-113

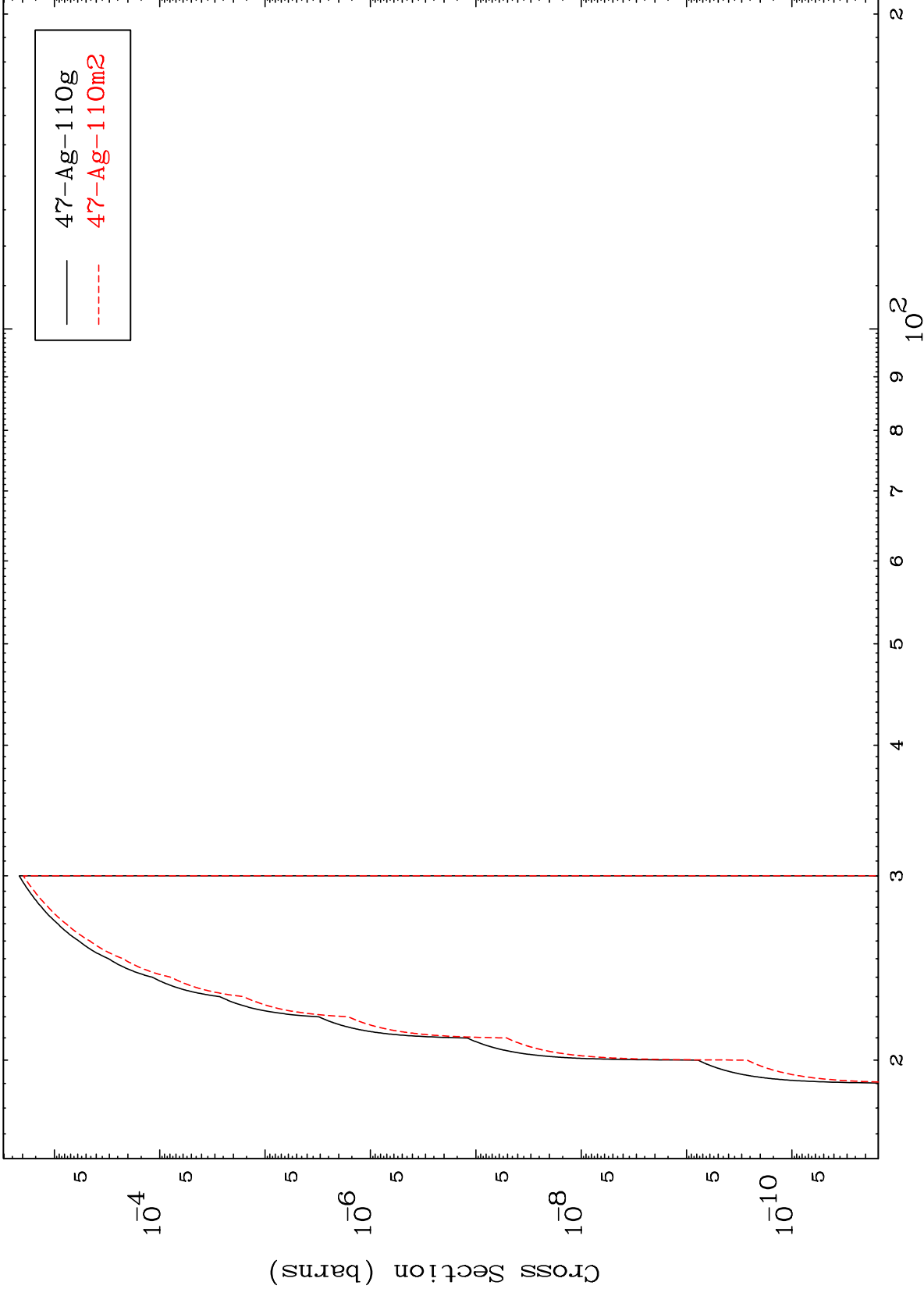
MAT 4846

(n,n') d

48-Cd-113



Radionuclide Production Cross Section

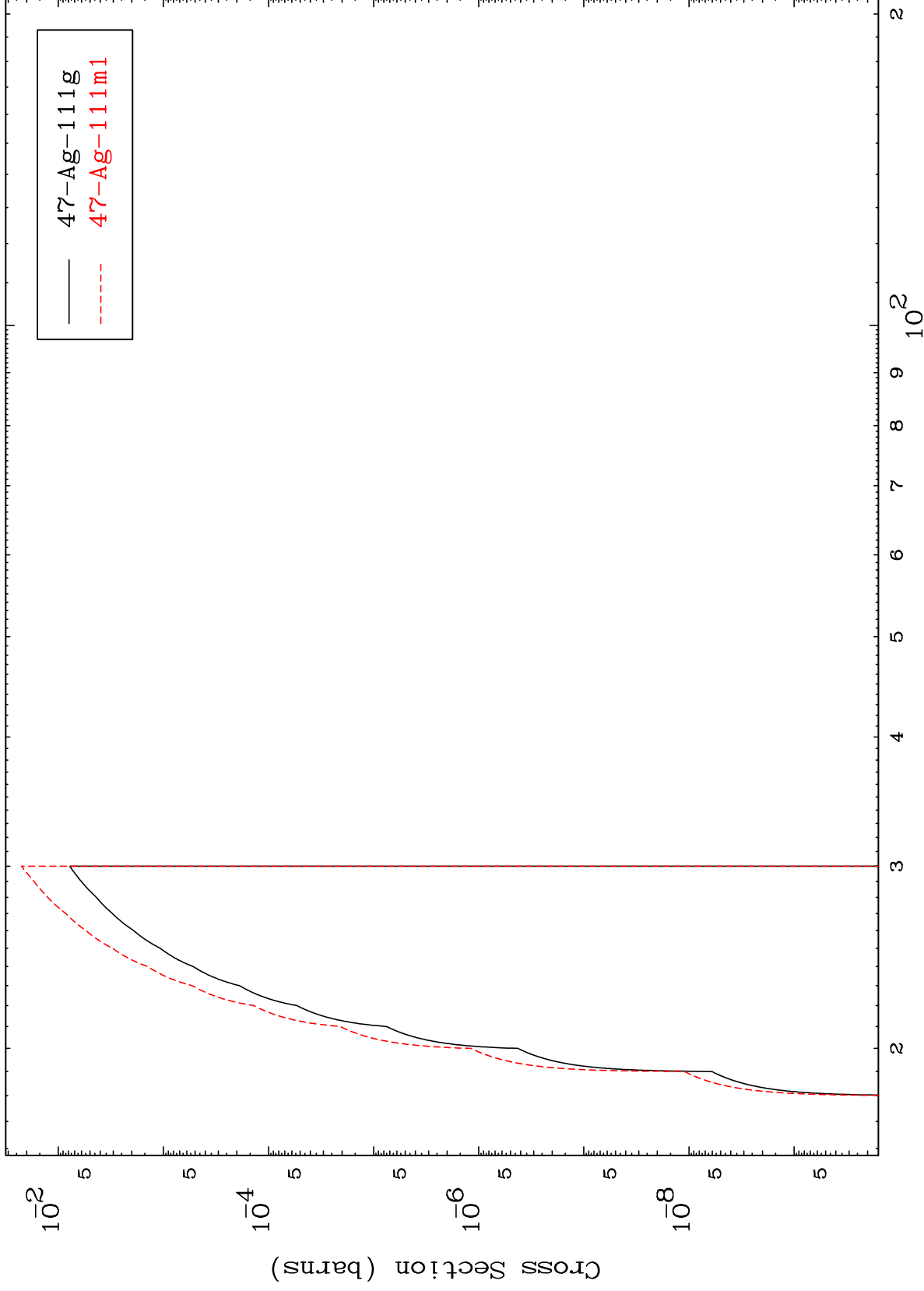


MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section



117

Incident Energy (MeV)

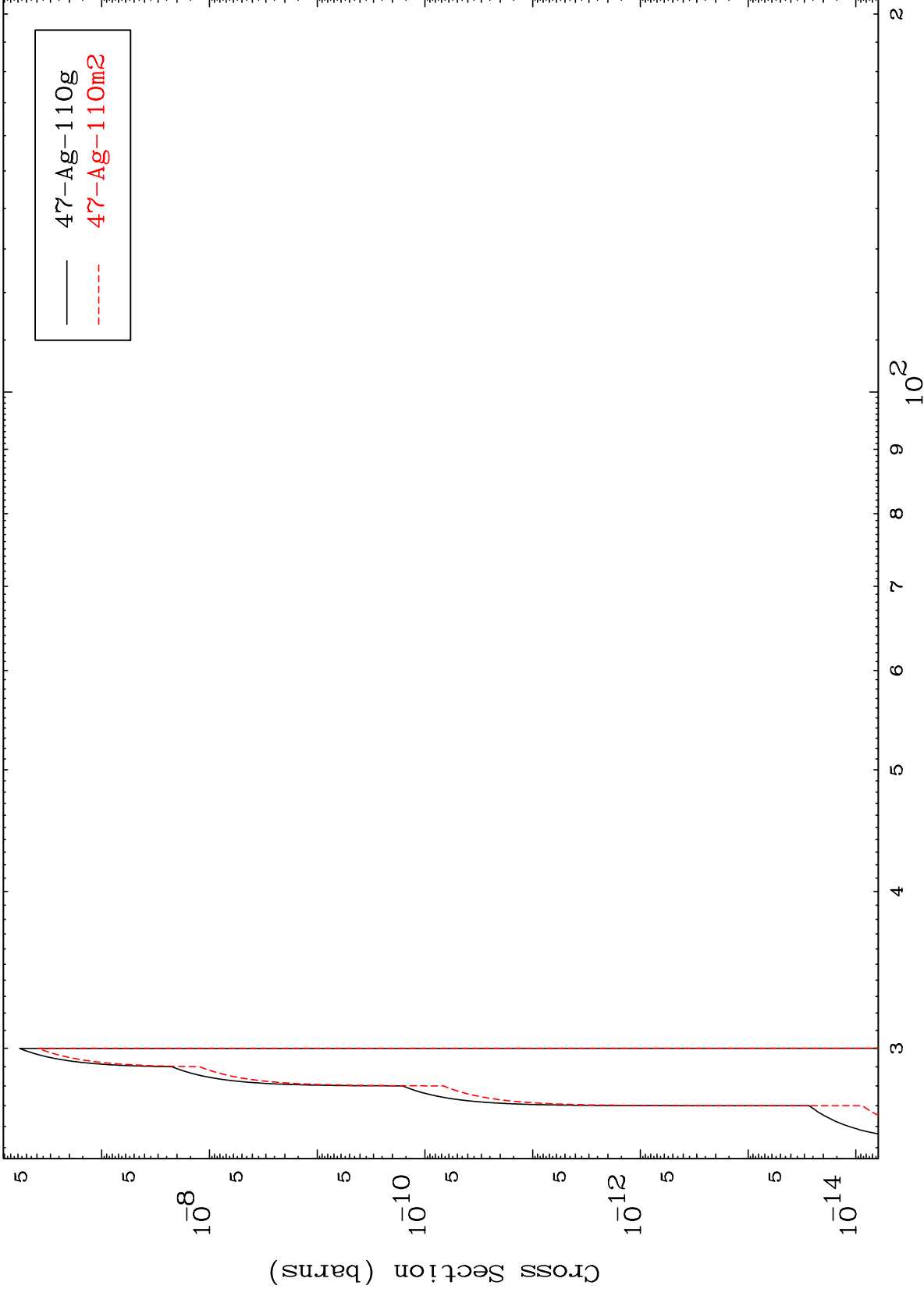
48-Cd-113

MAT 4846

(n,3n) p

48-Cd-113

Radionuclide Production Cross Section

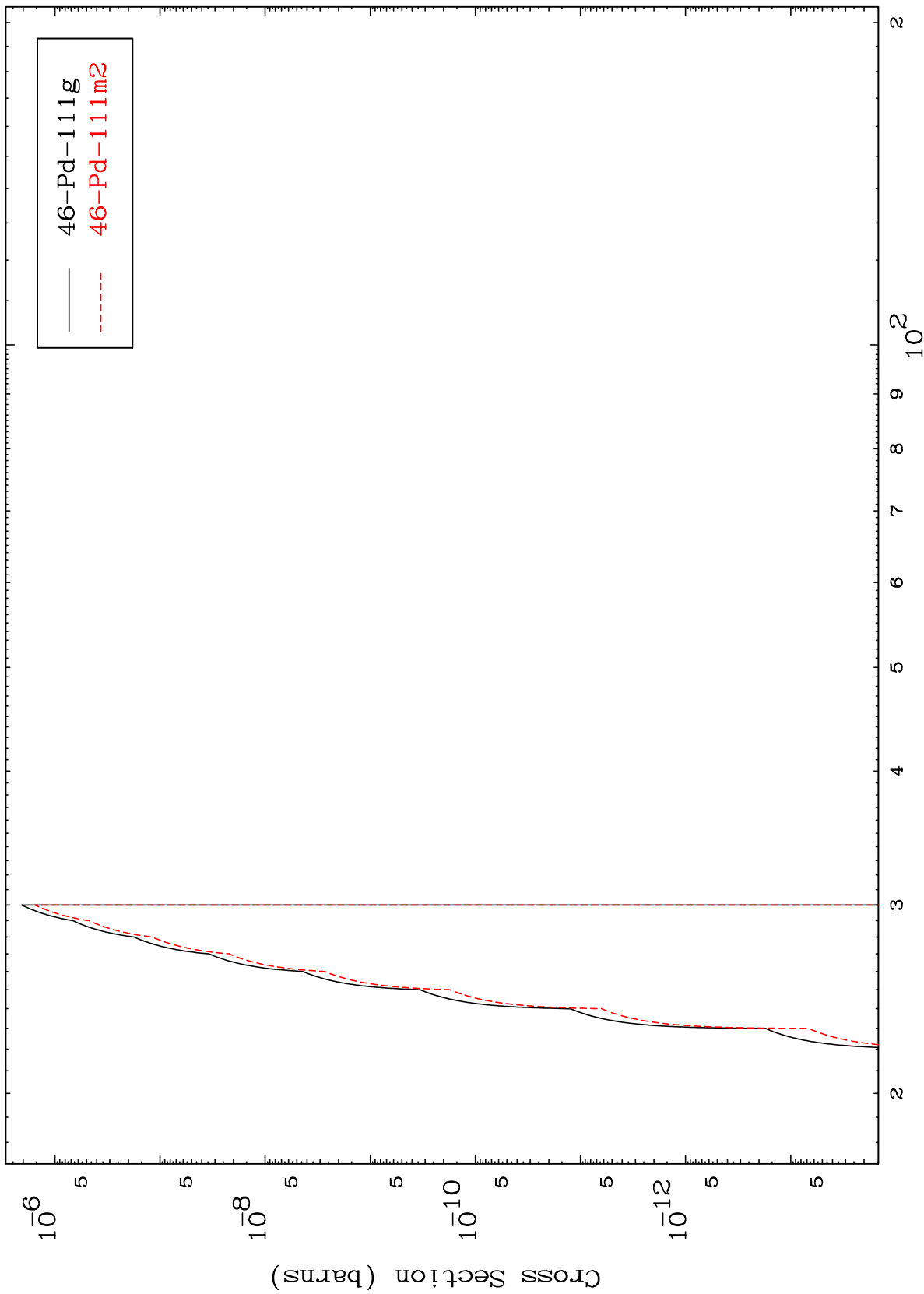


118

Incident Energy (MeV)

48-Cd-113

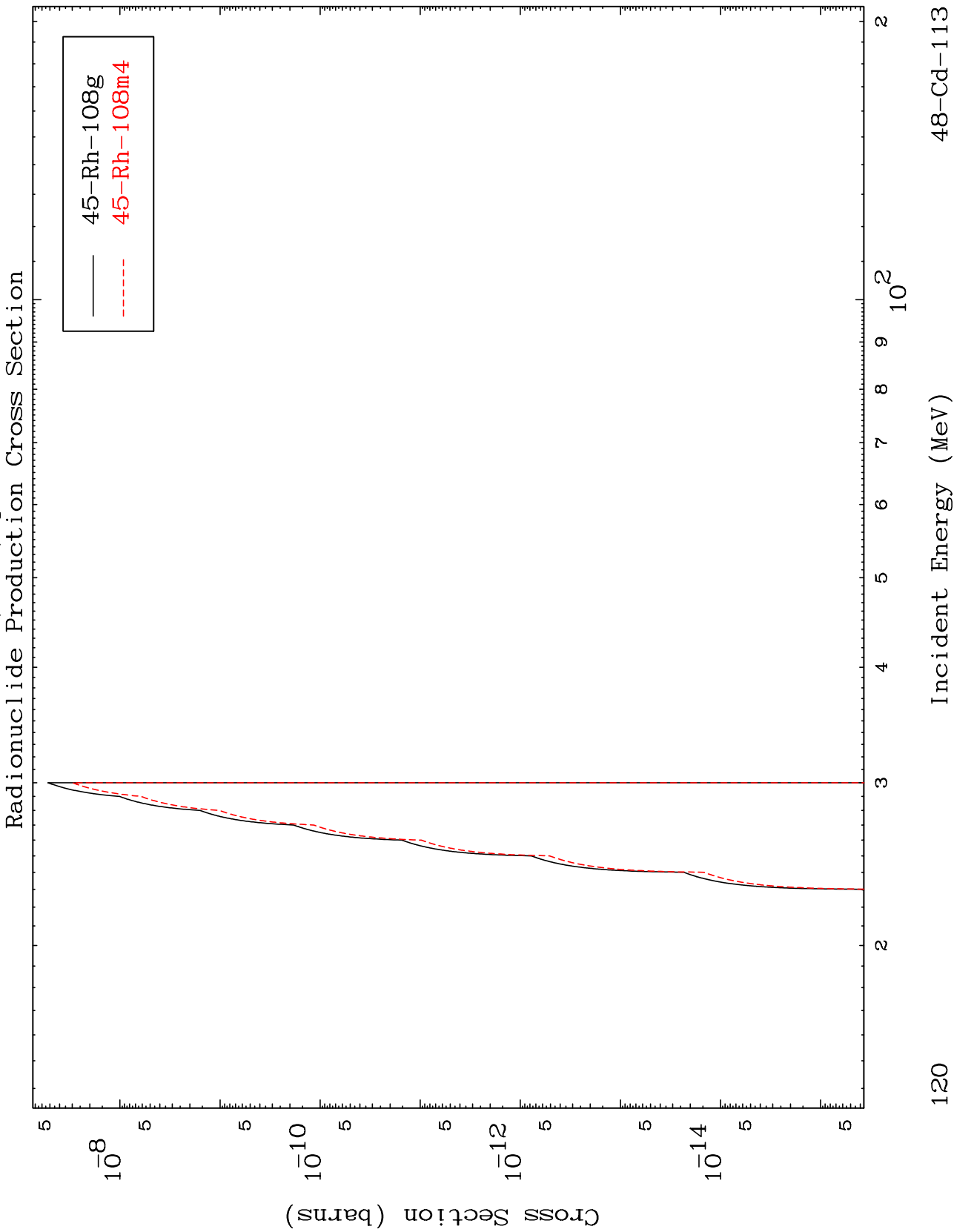
(n,2n) p  
Radionuclide Production Cross Section



MAT 4846

(n,n') p  $\alpha$

48-Cd-113



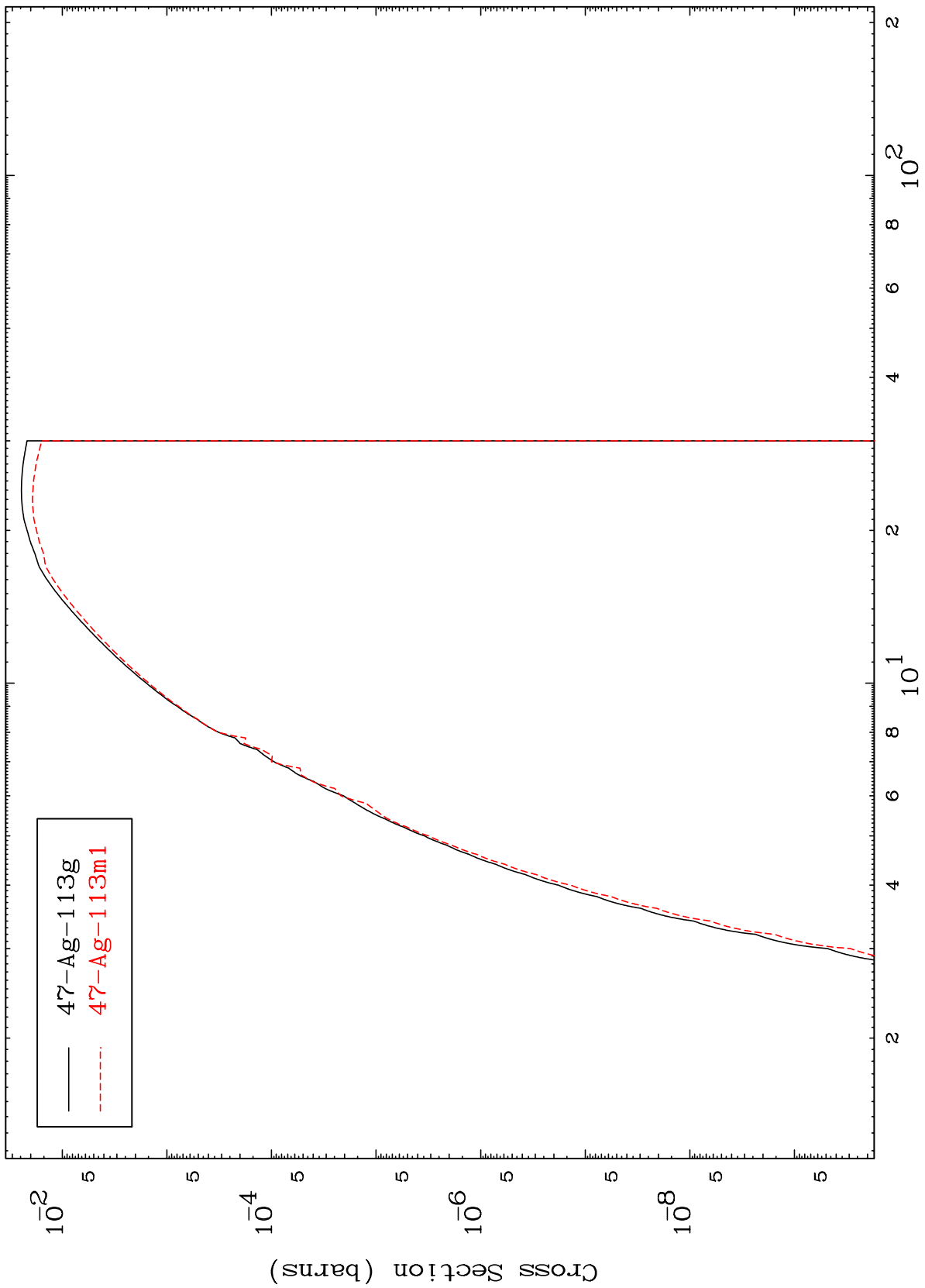
120

48-Cd-113

MAT 4846

48-Cd-113

(n,p)  
Radionuclide Production Cross Section



121

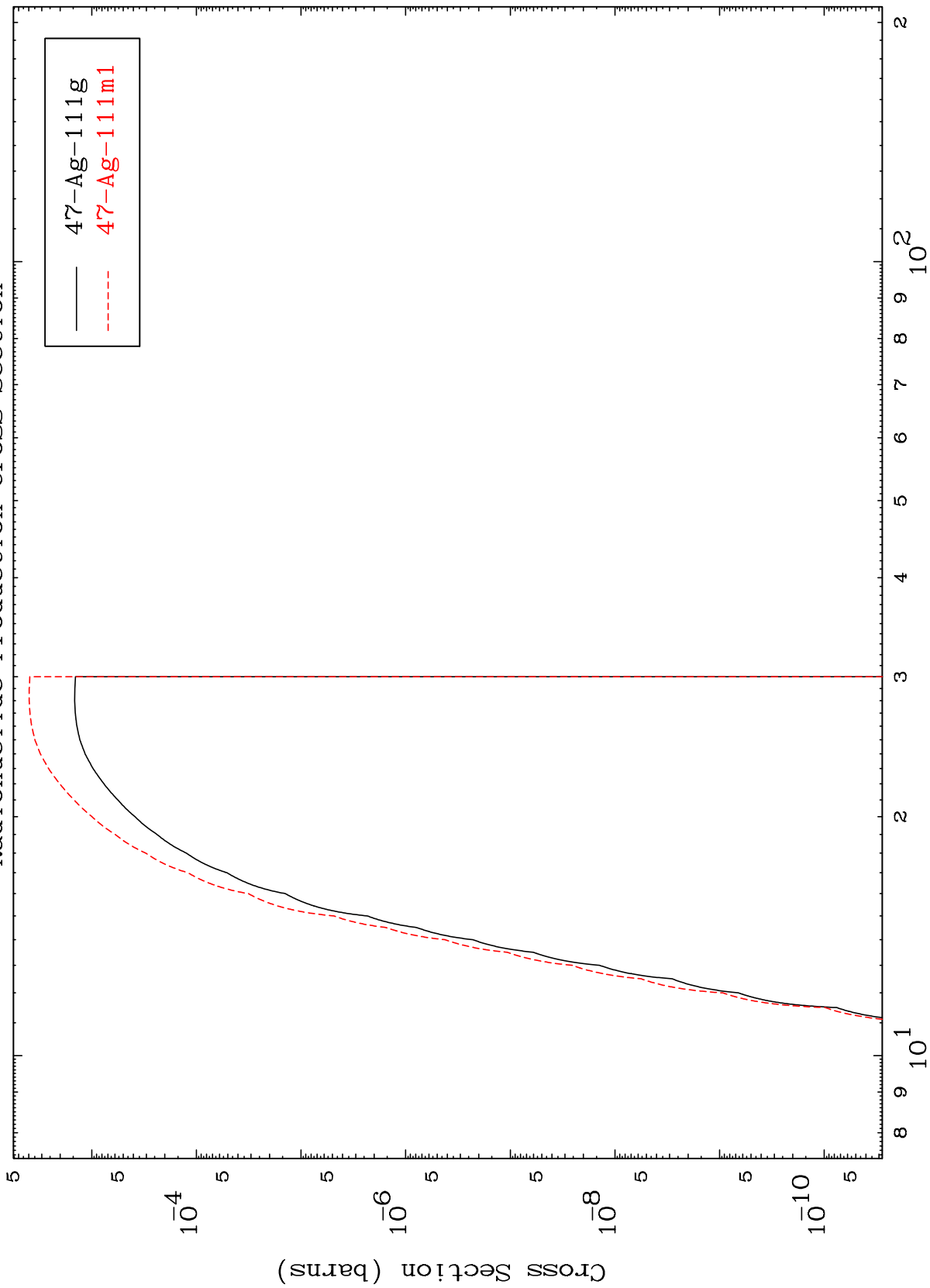
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,t)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

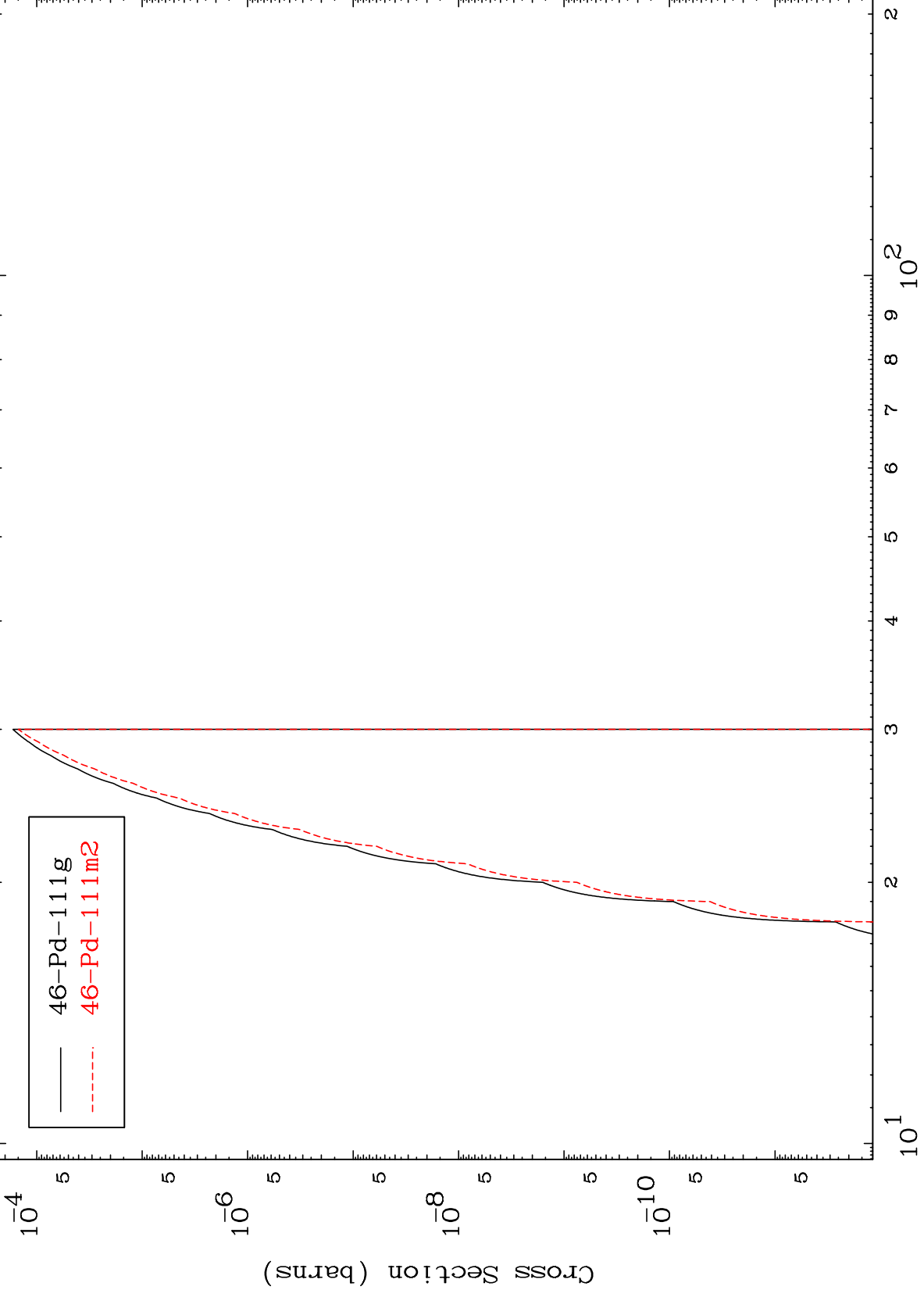
48-Cd-113

MAT 4846

(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



— 46-Pd-111g  
- - - 46-Pd-111m2

123

Incident Energy (MeV)

48-Cd-113

Radionuclide Production Cross Section

