

Program EVALPLOT
(Version 2021-1)

by

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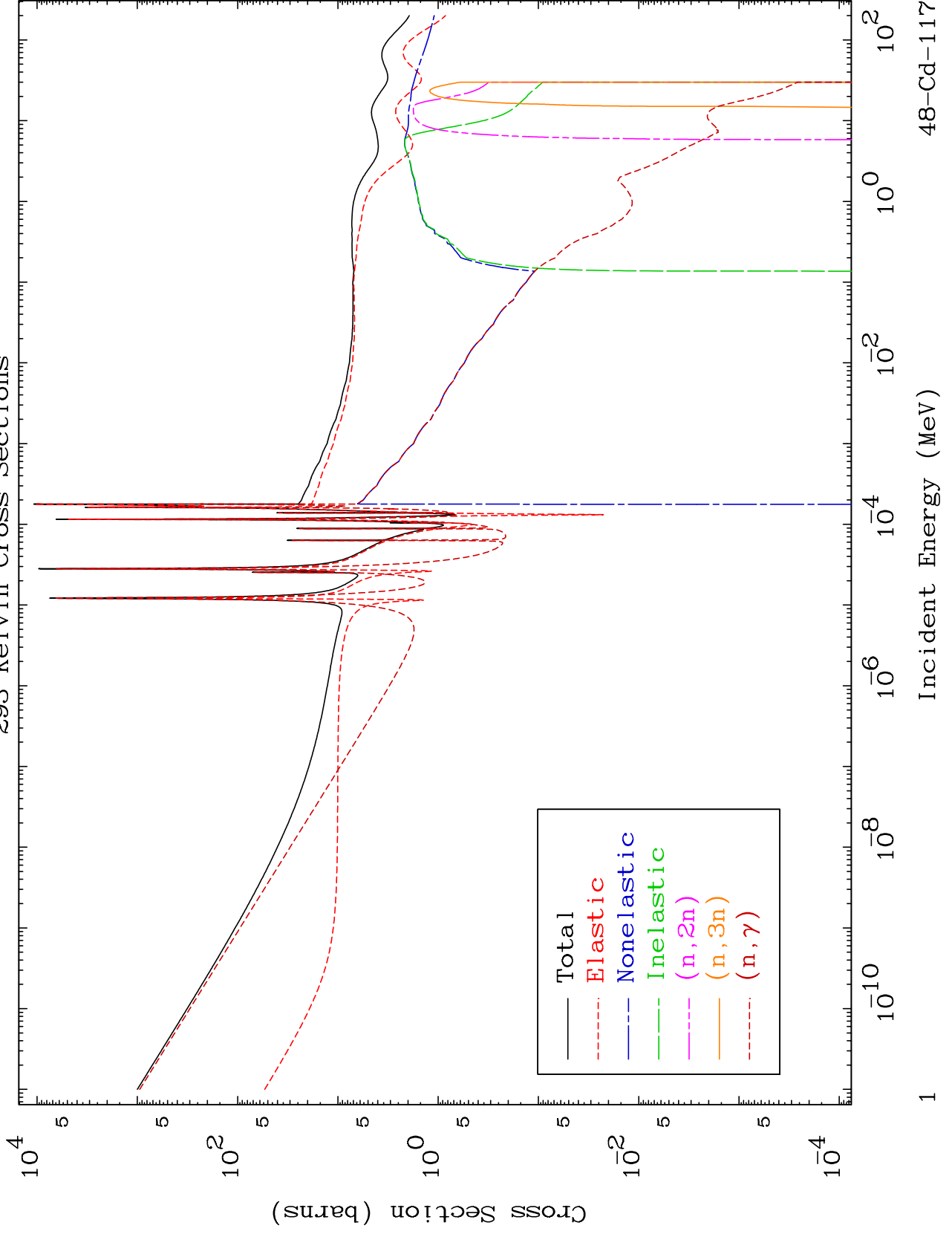
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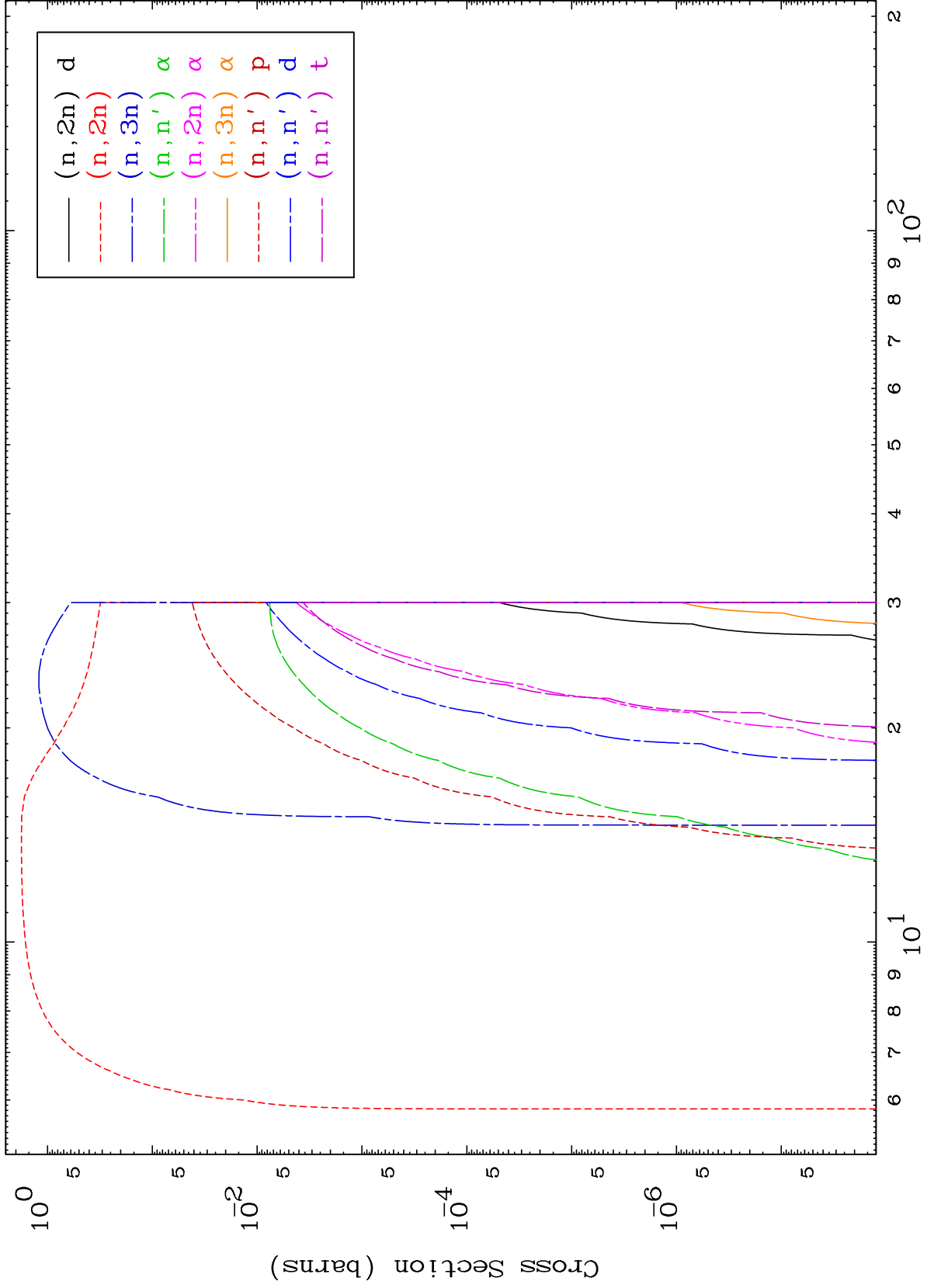
Press Mouse Button to Start

MAT 4858

Neutron Major
293 Kelvin Cross Sections

48-Cd-117

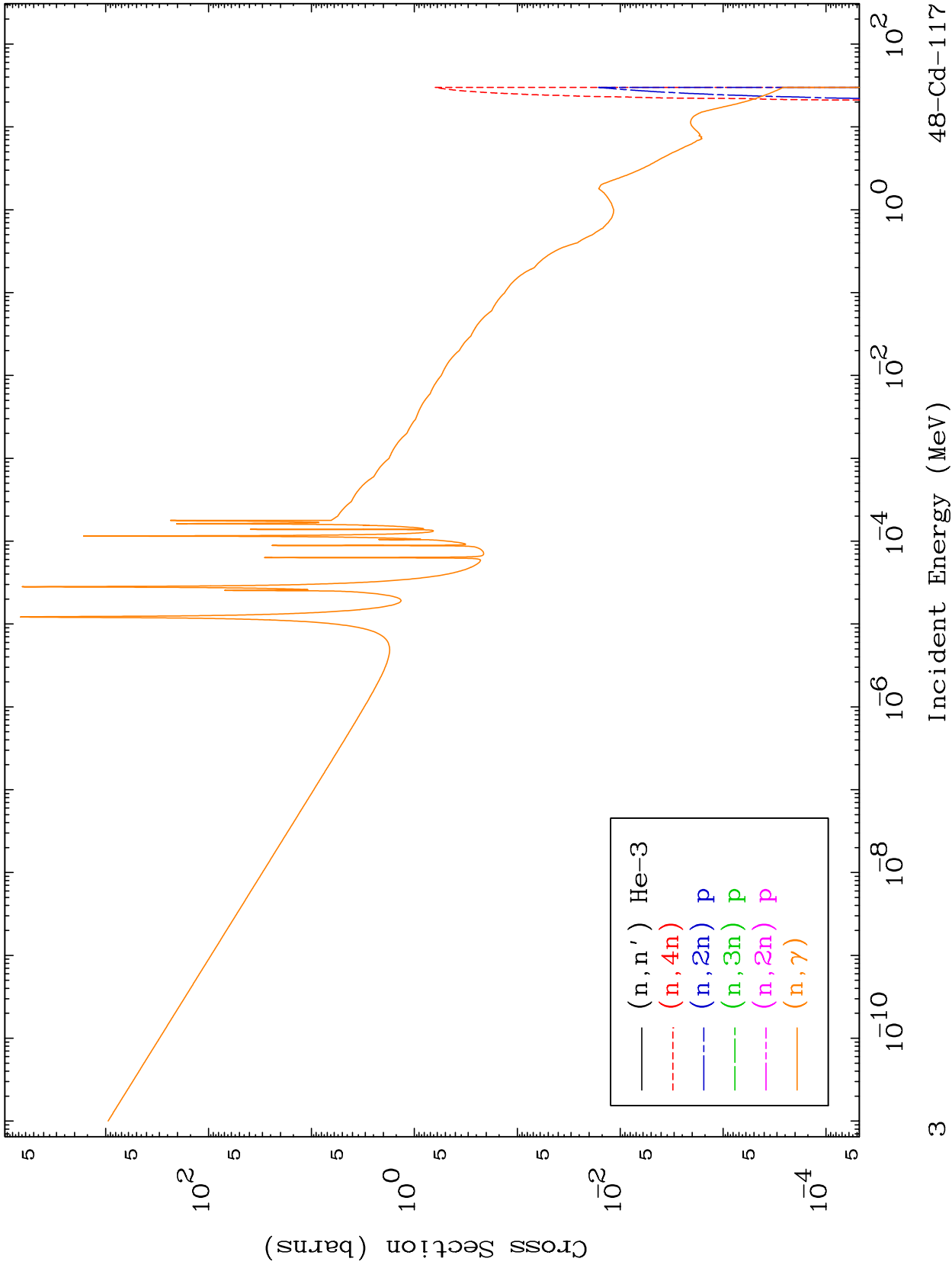


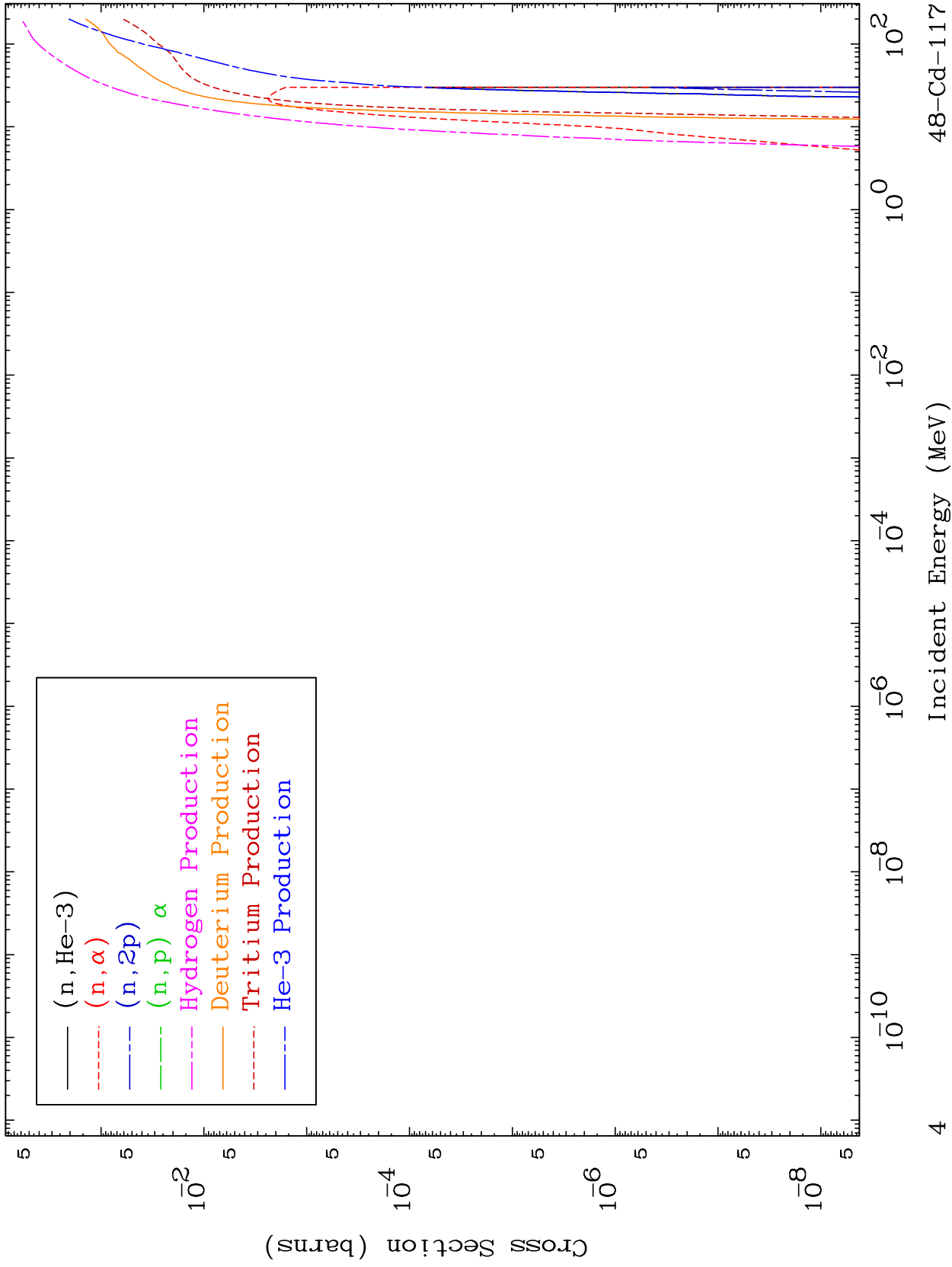


MAT 4858

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-117

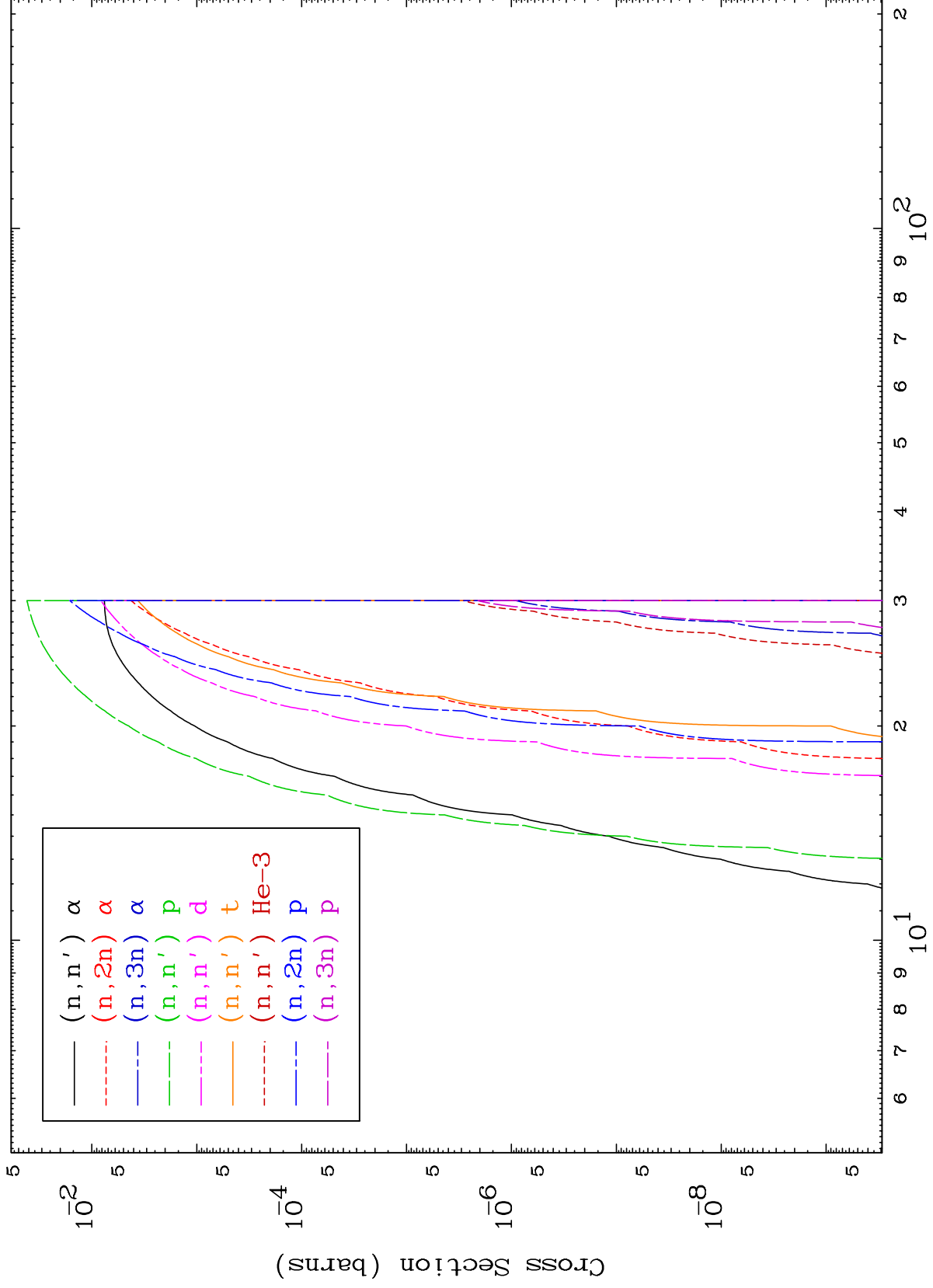




MAT 4858

Charged Particle
293 Kelvin Cross Sections

48-Cd-117



5

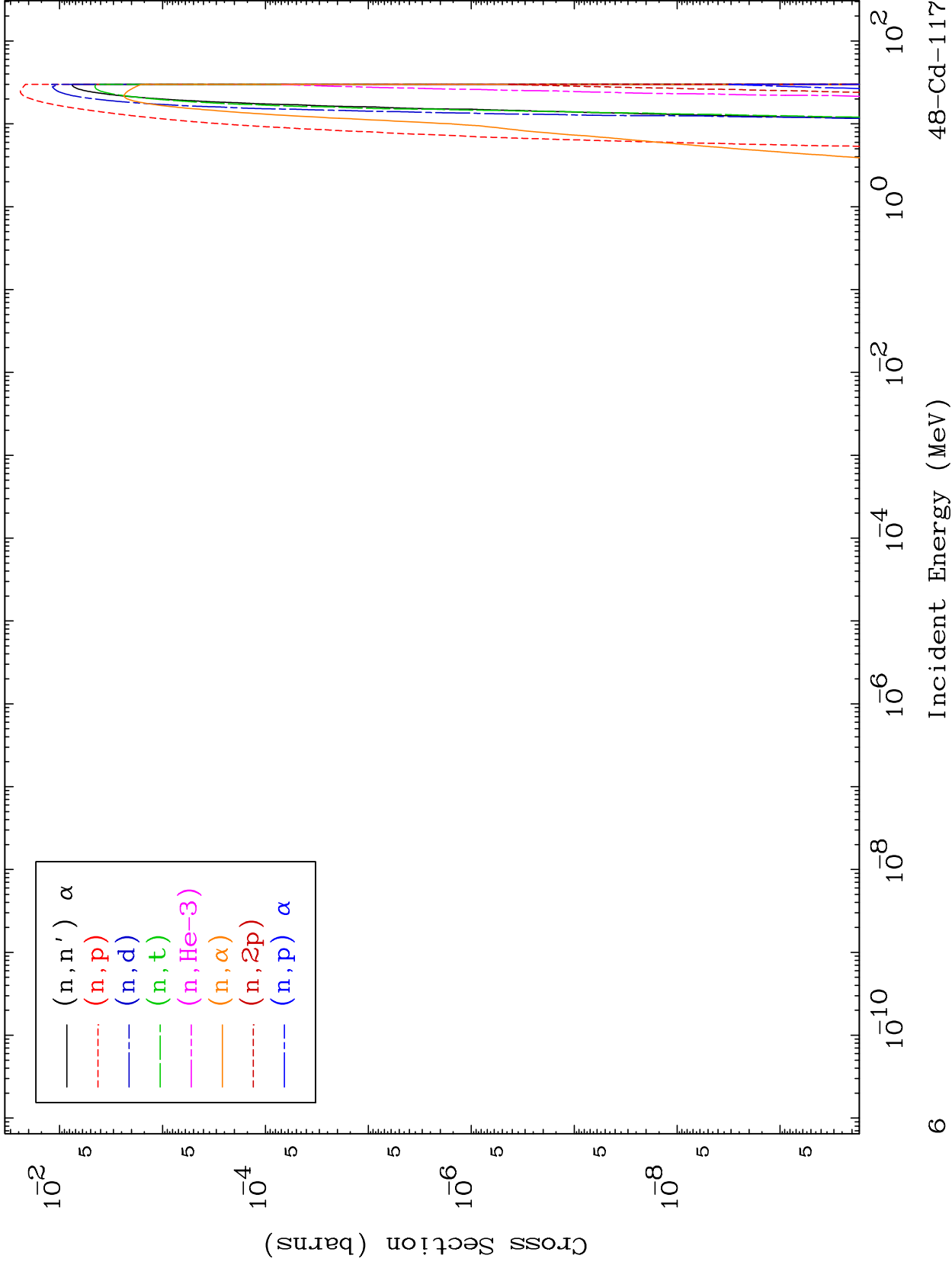
Incident Energy (MeV)

48-Cd-117

MAT 4858

Charged Particle
293 Kelvin Cross Sections

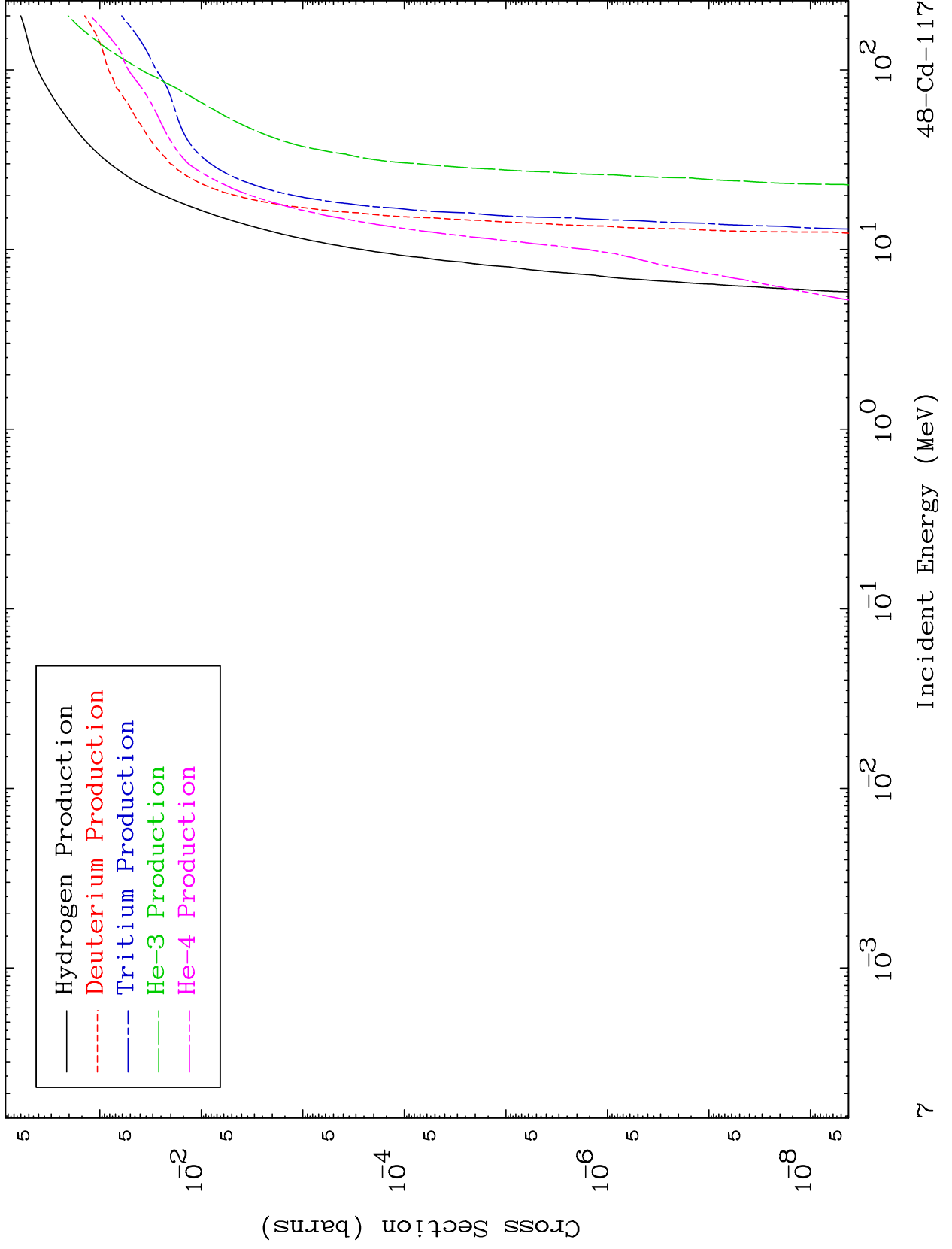
48-Cd-117



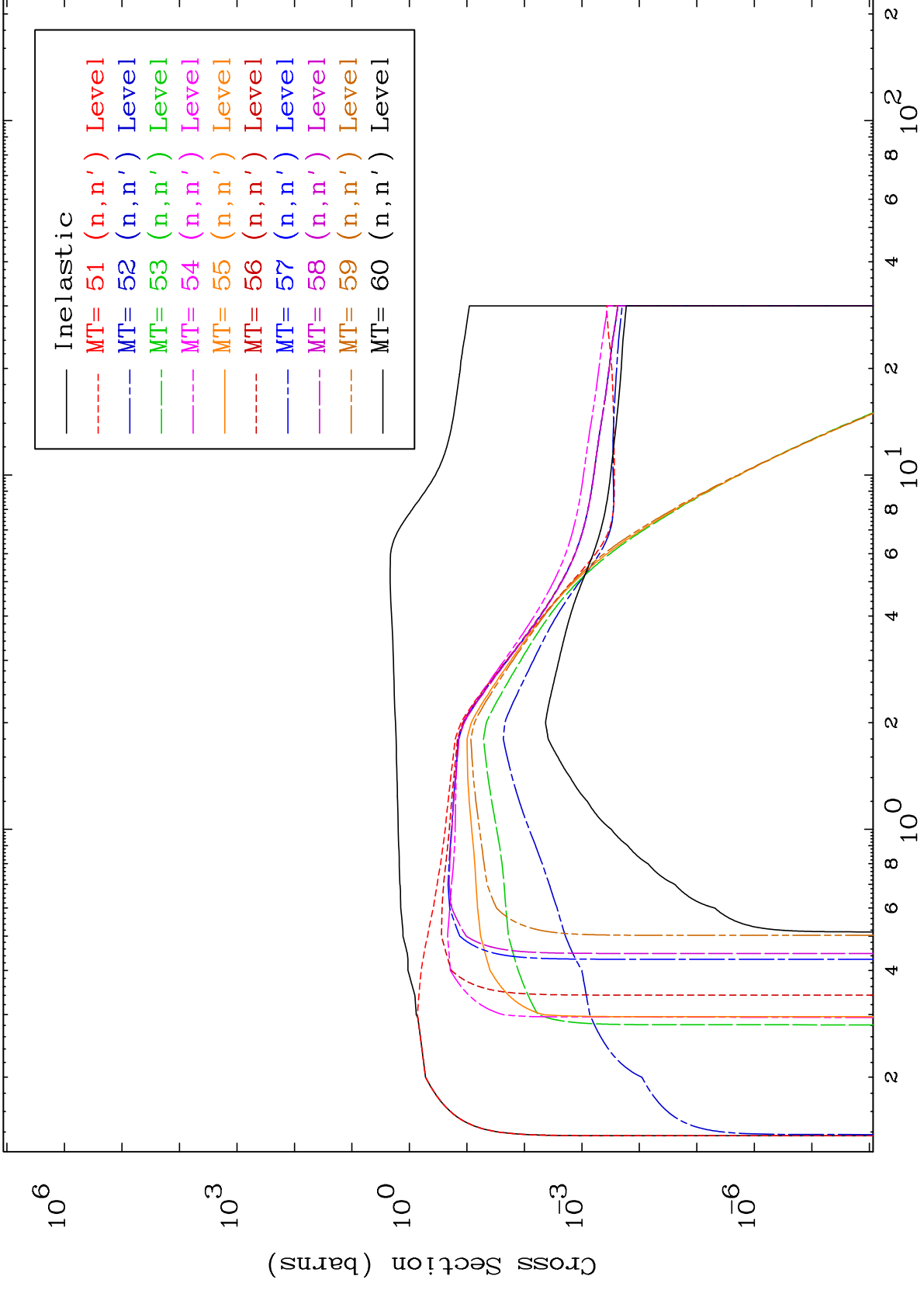
MAT 4858

Particle Production
293 Kelvin Cross Sections

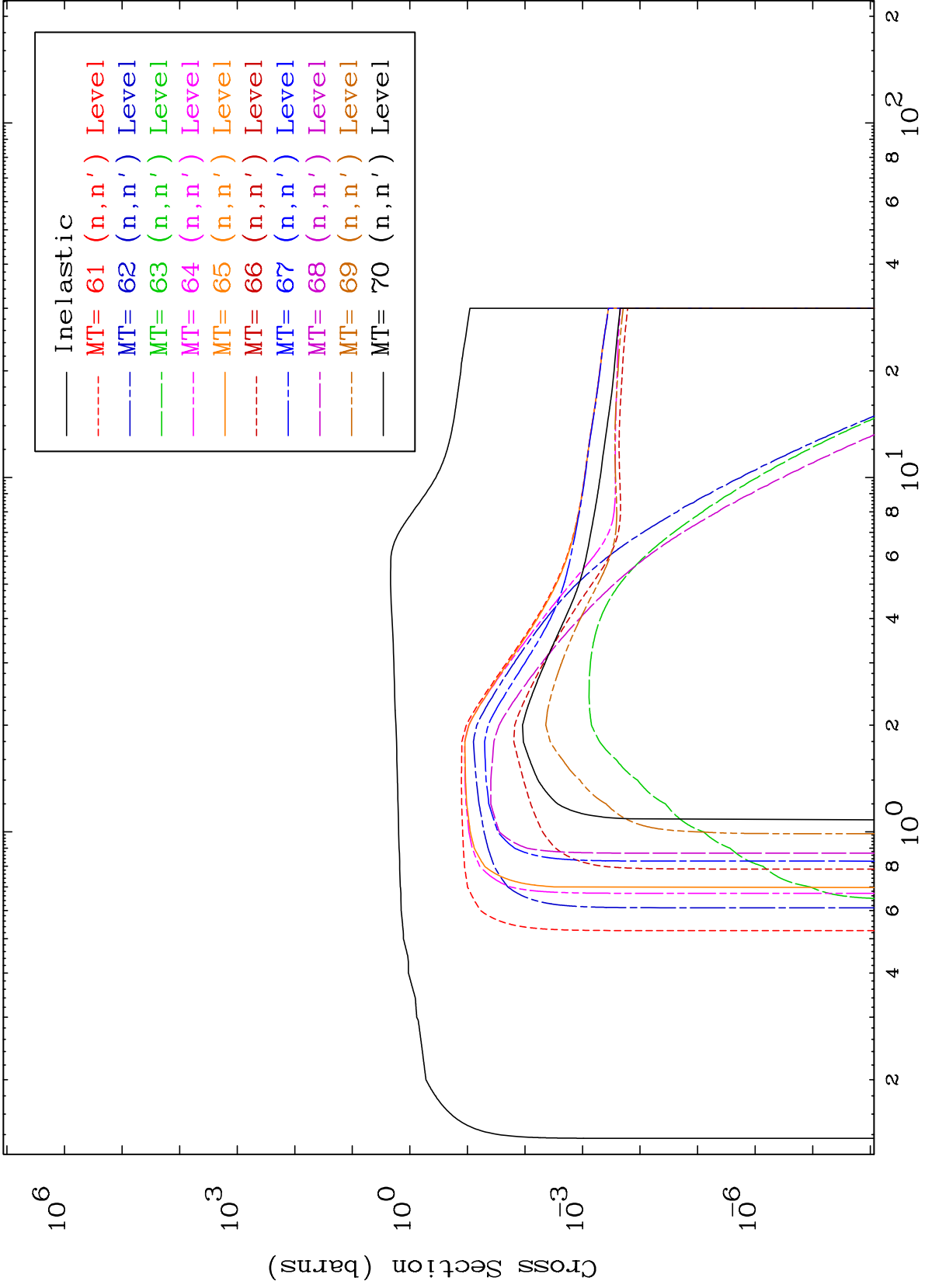
48-Cd-117



293 Kelvin Cross Sections



293 Kelvin Cross Sections

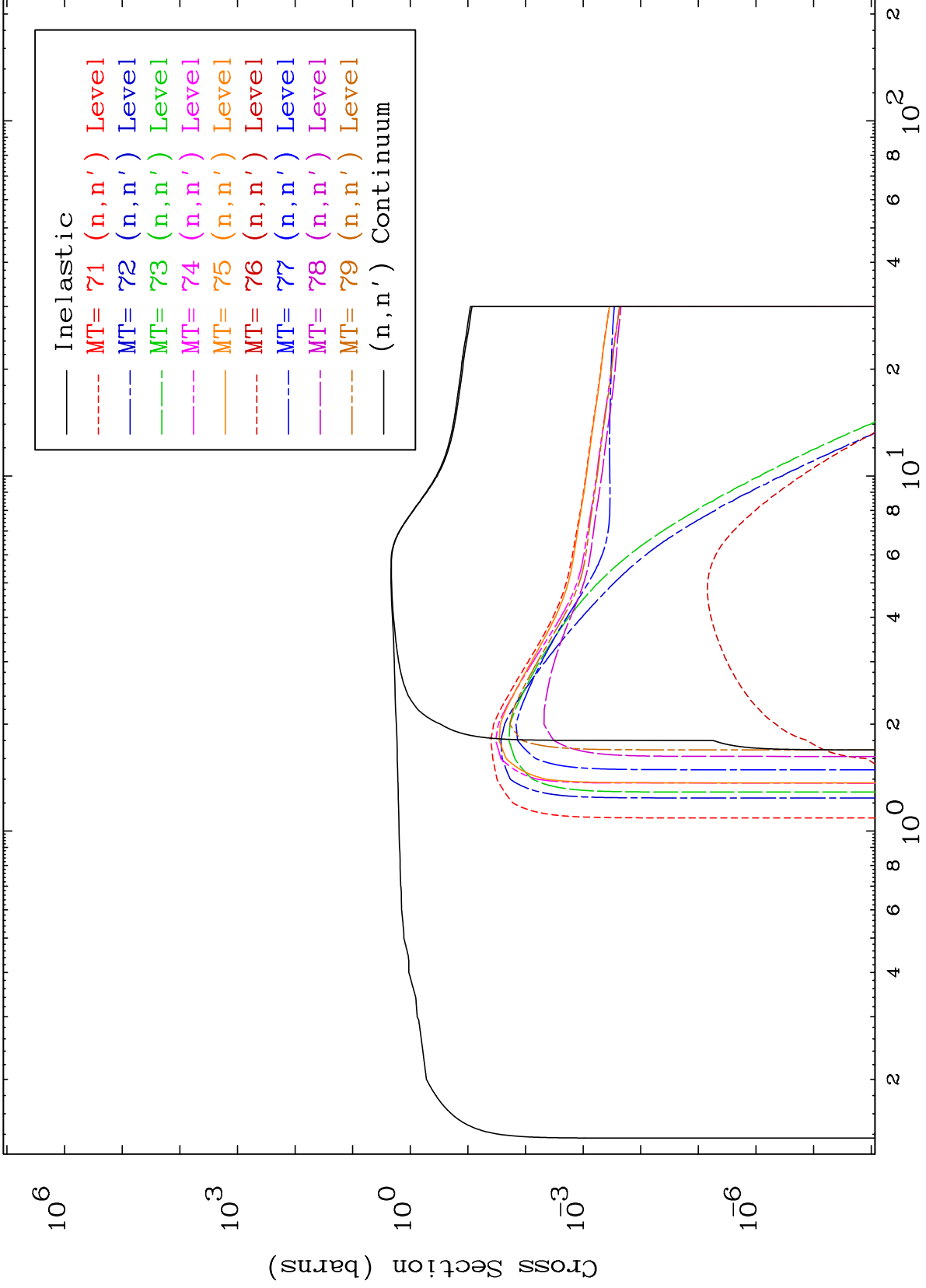


MAT 4858

(n,n') Levels

48-Cd-117

293 Kelvin Cross Sections



10

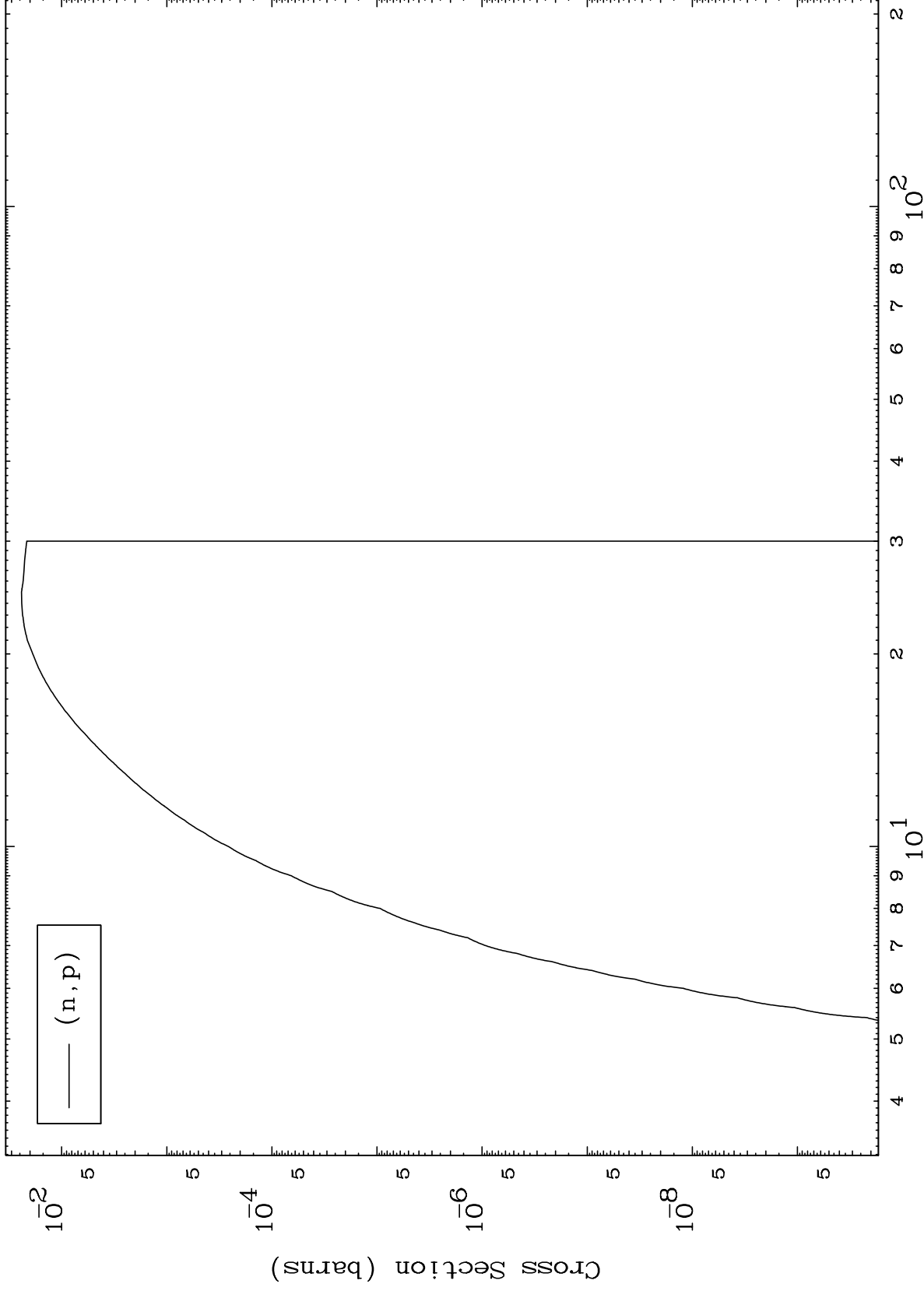
Incident Energy (MeV)

48-Cd-117

MAT 4858

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-117



(n,p)

11

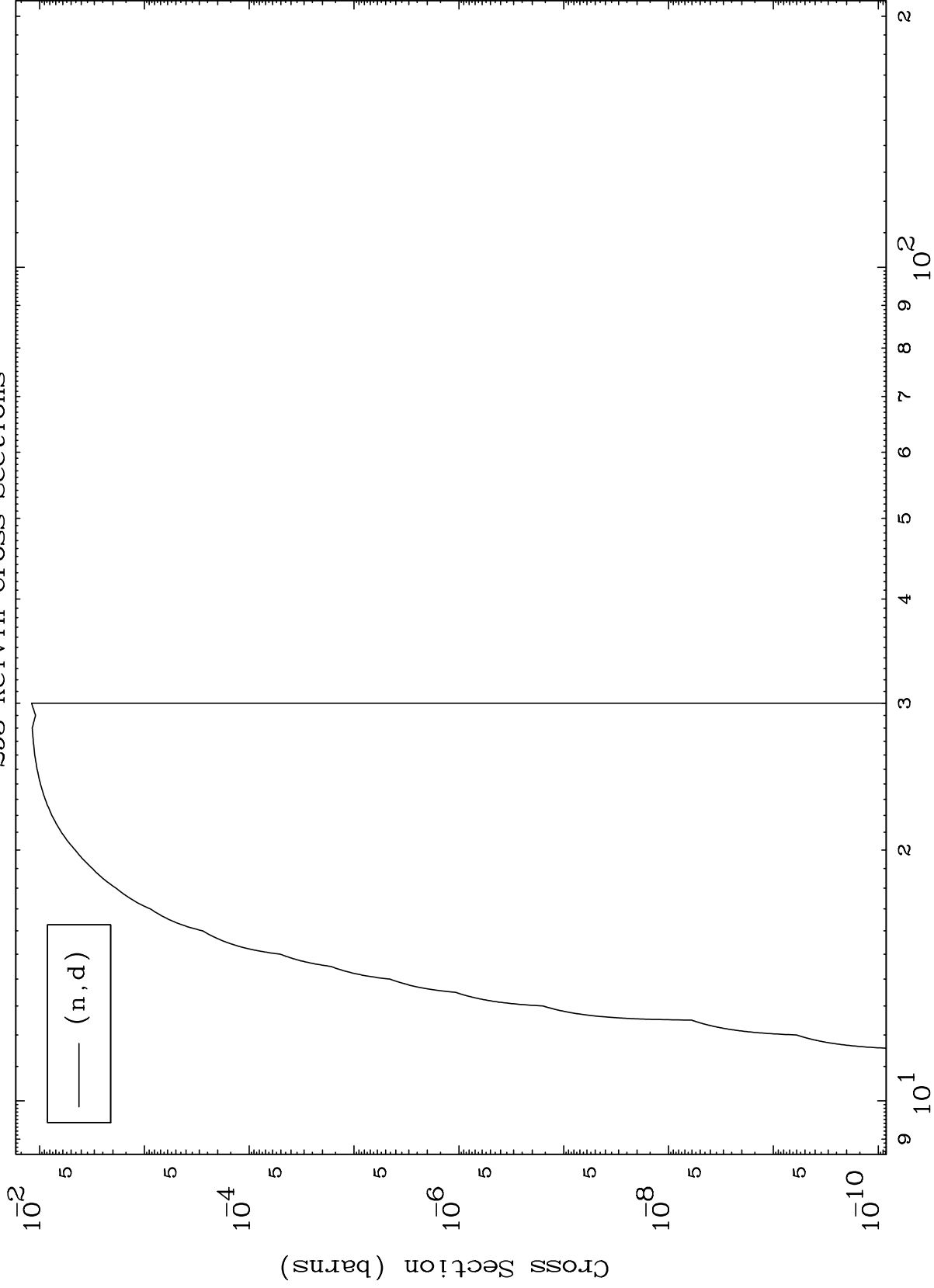
Incident Energy (MeV)

48-Cd-117

MAT 4858

(n,d) Levels
293 Kelvin Cross Sections

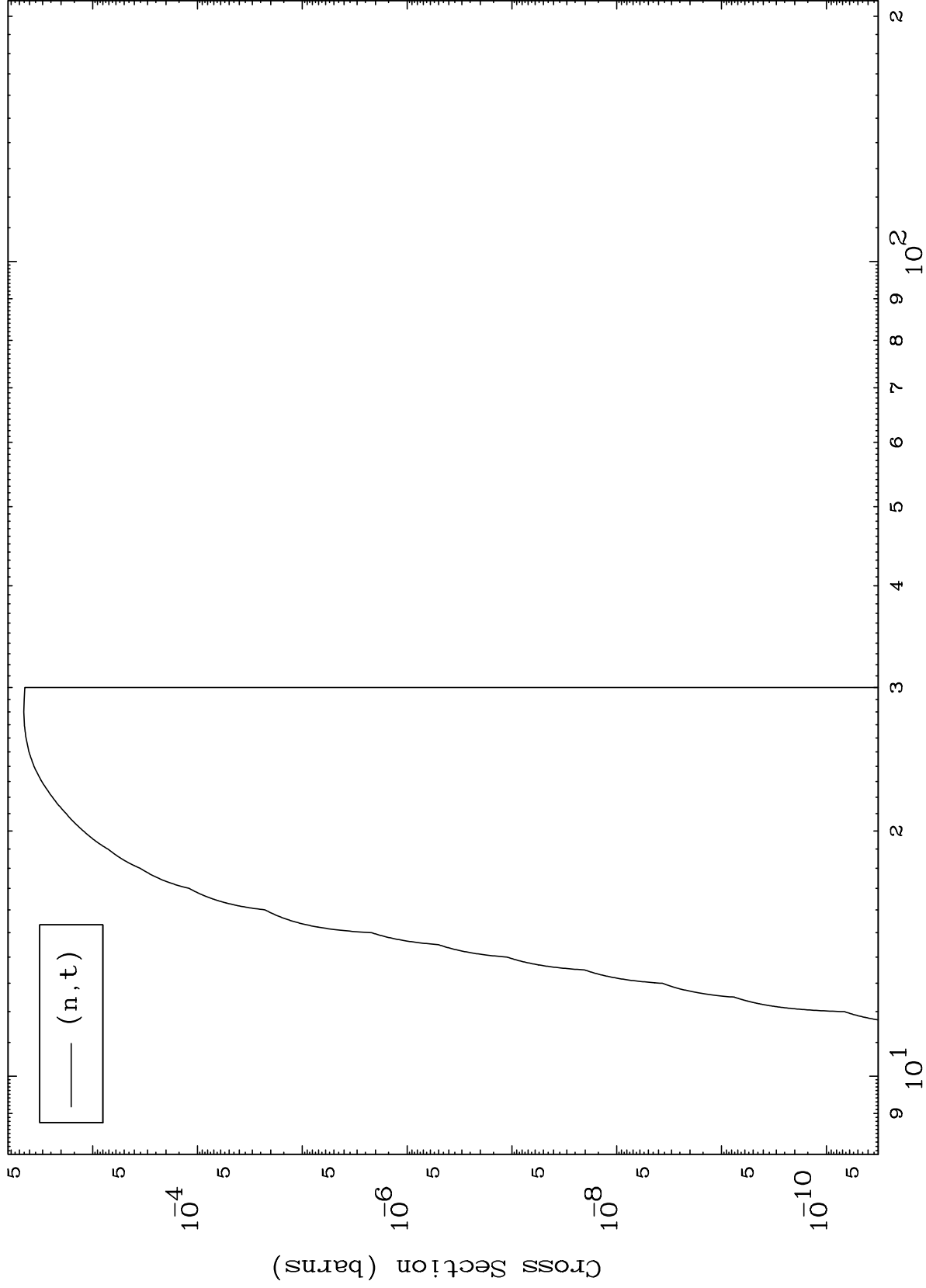
48-Cd-117



MAT 4858

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-117



13

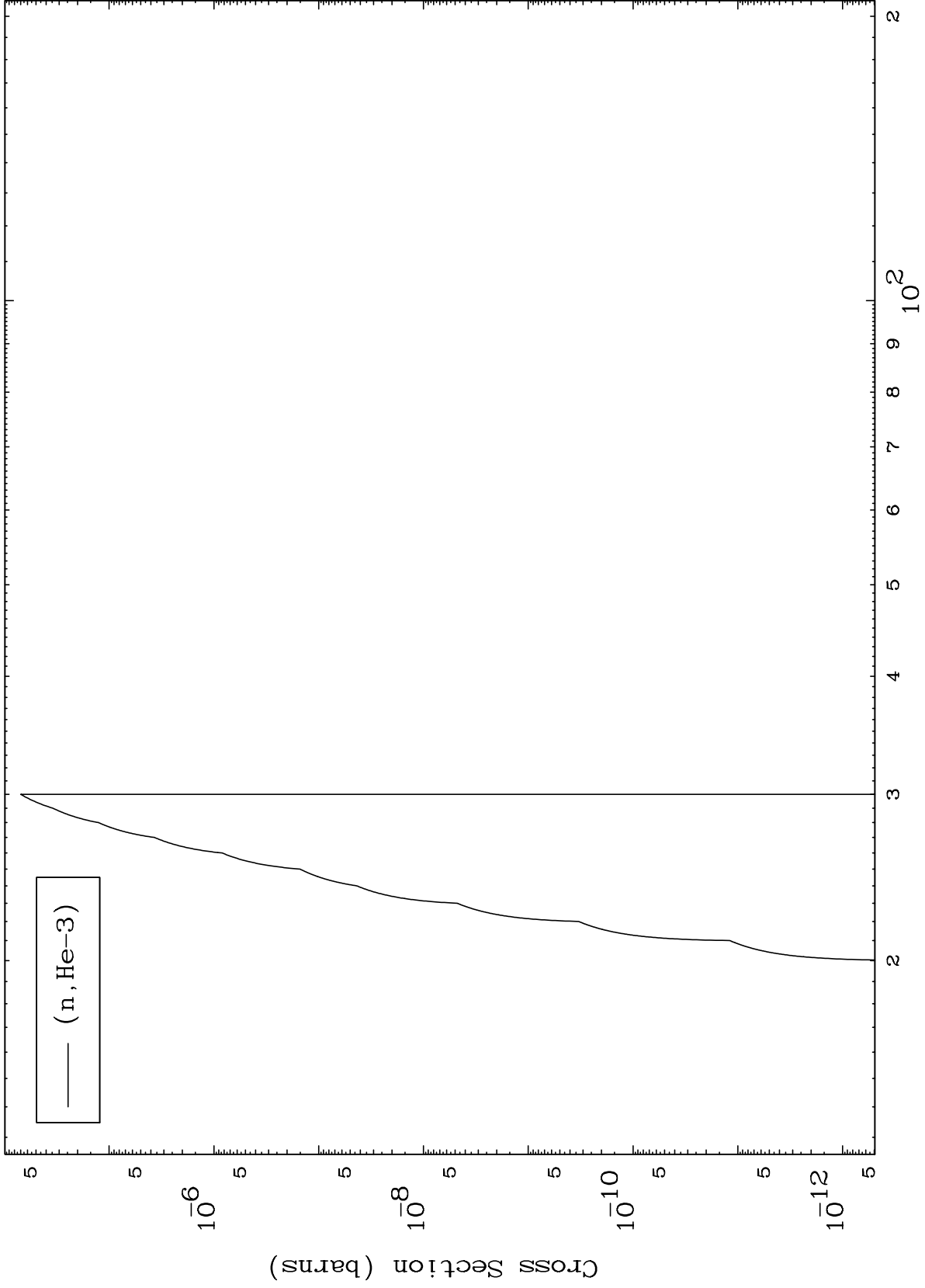
Incident Energy (MeV)

48-Cd-117

MAT 4858

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-117



14

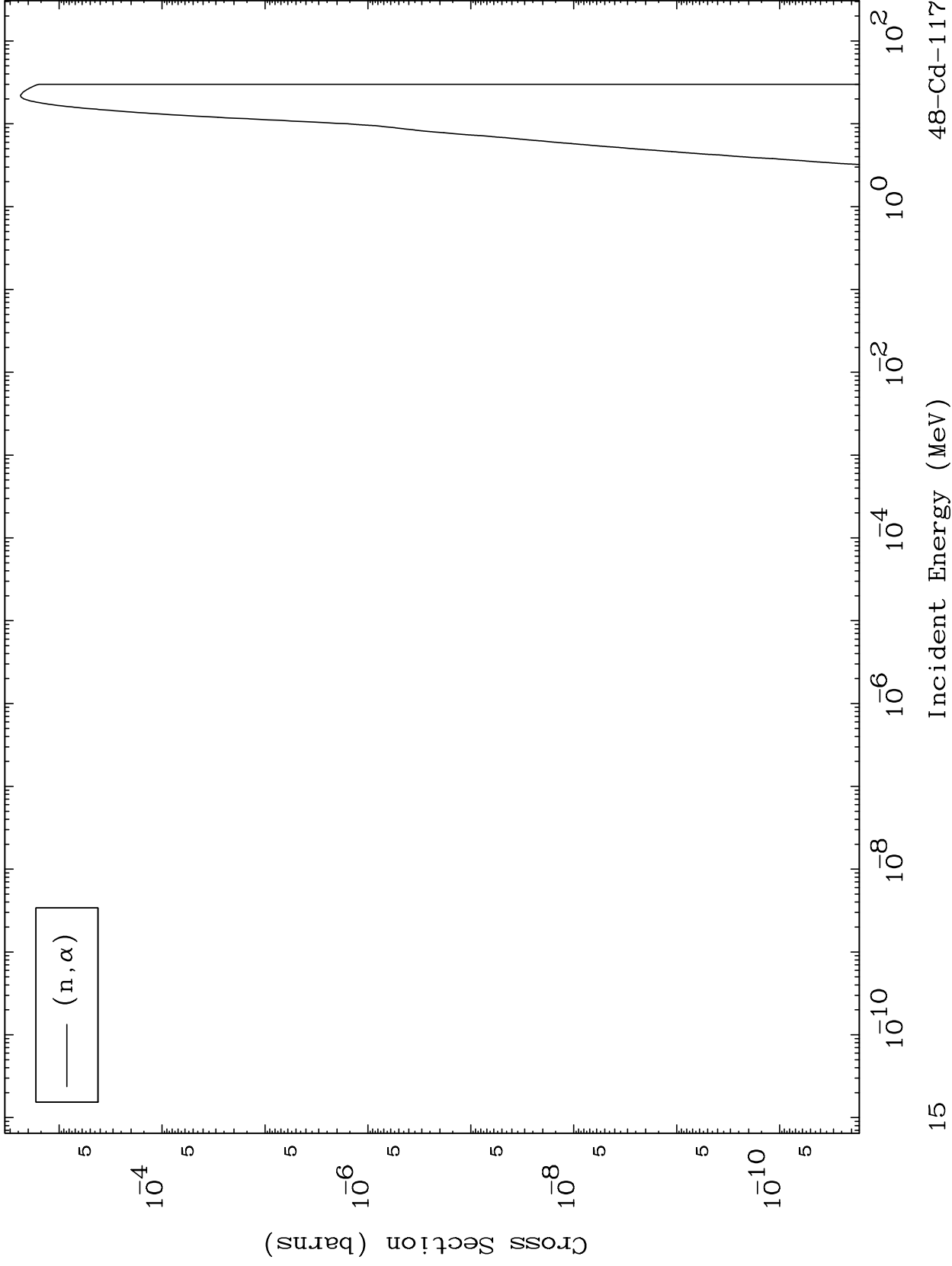
Incident Energy (MeV)

48-Cd-117

MAT 4858

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-117



15

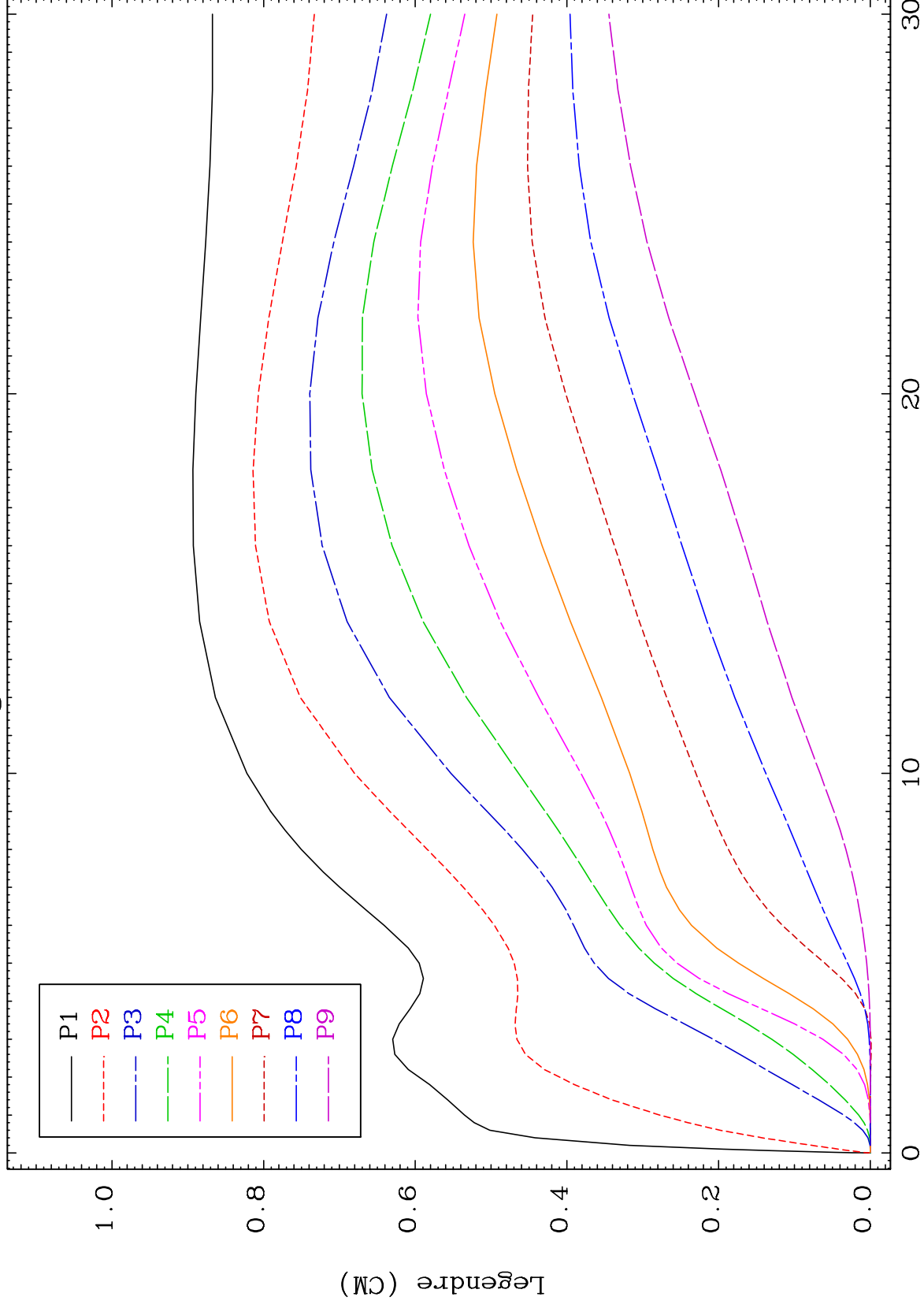
Incident Energy (MeV)

48-Cd-117

MAT 4858

Elastic Legendre Coefficients

48-Cd-117



16

Incident Energy (MeV)

48-Cd-117

30

20

10

0

1.0

0.8

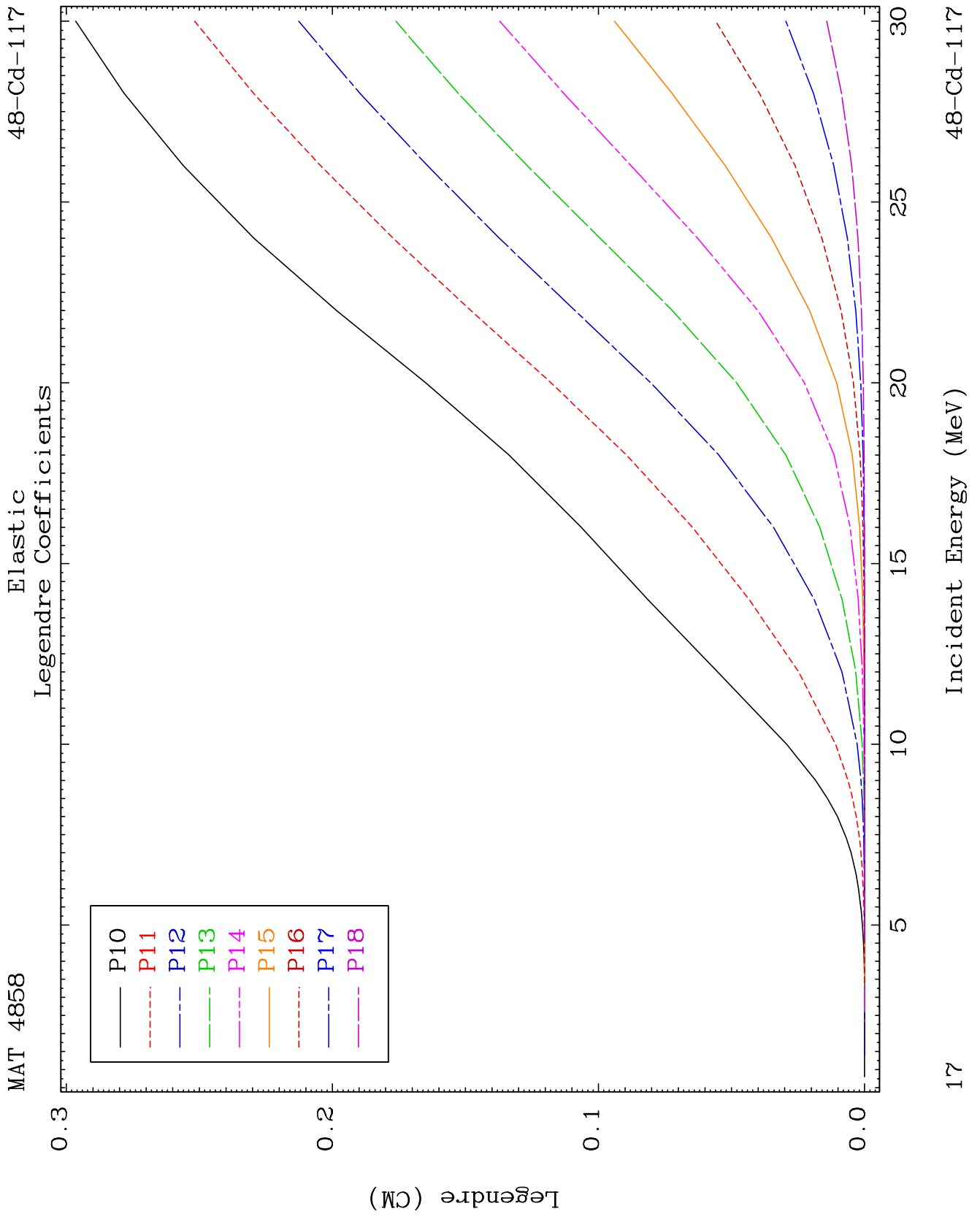
0.6

0.4

0.2

0.0

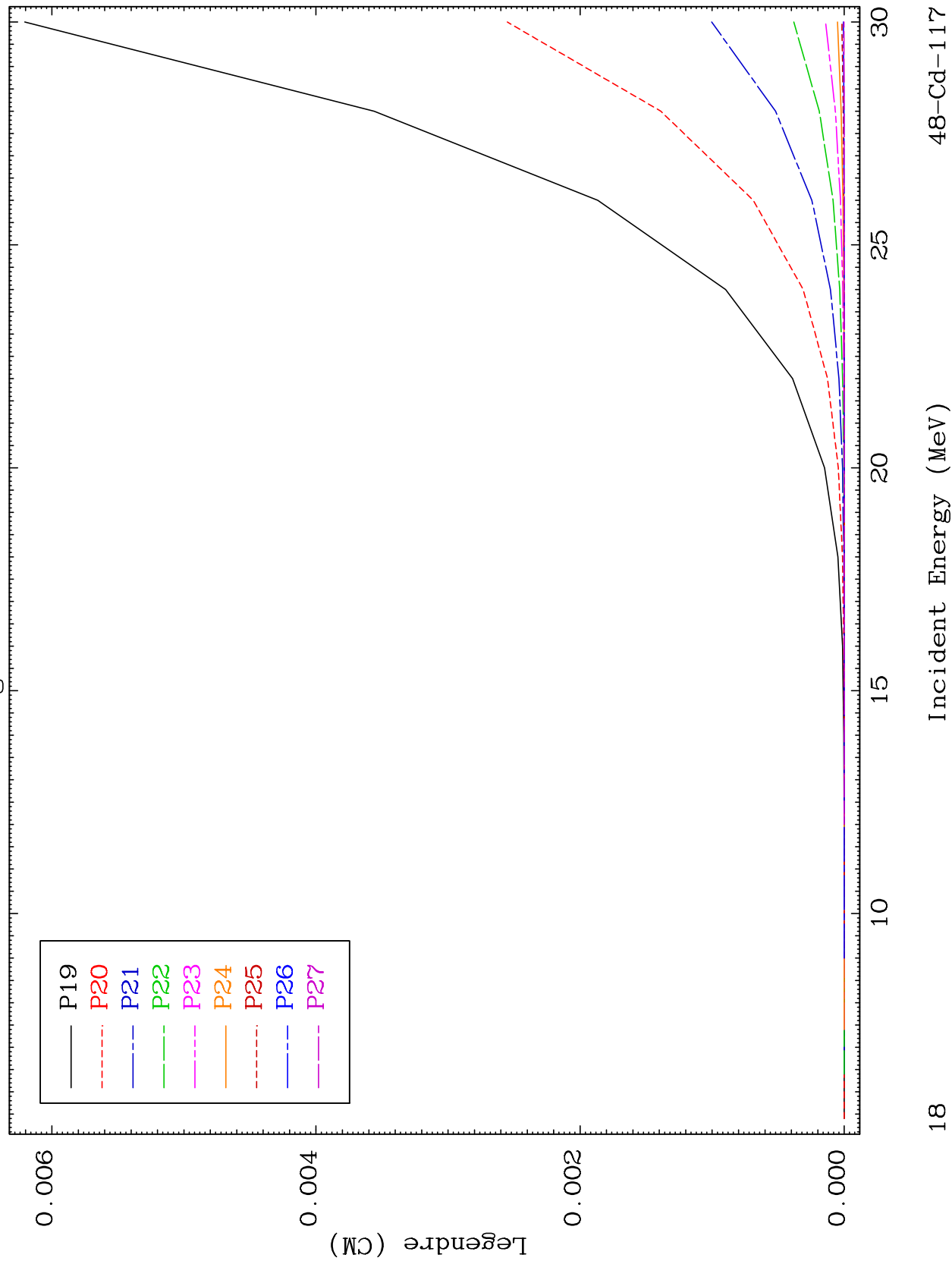
Legendre (CM)



MAT 4858

Elastic Legendre Coefficients

48-Cd-117



18

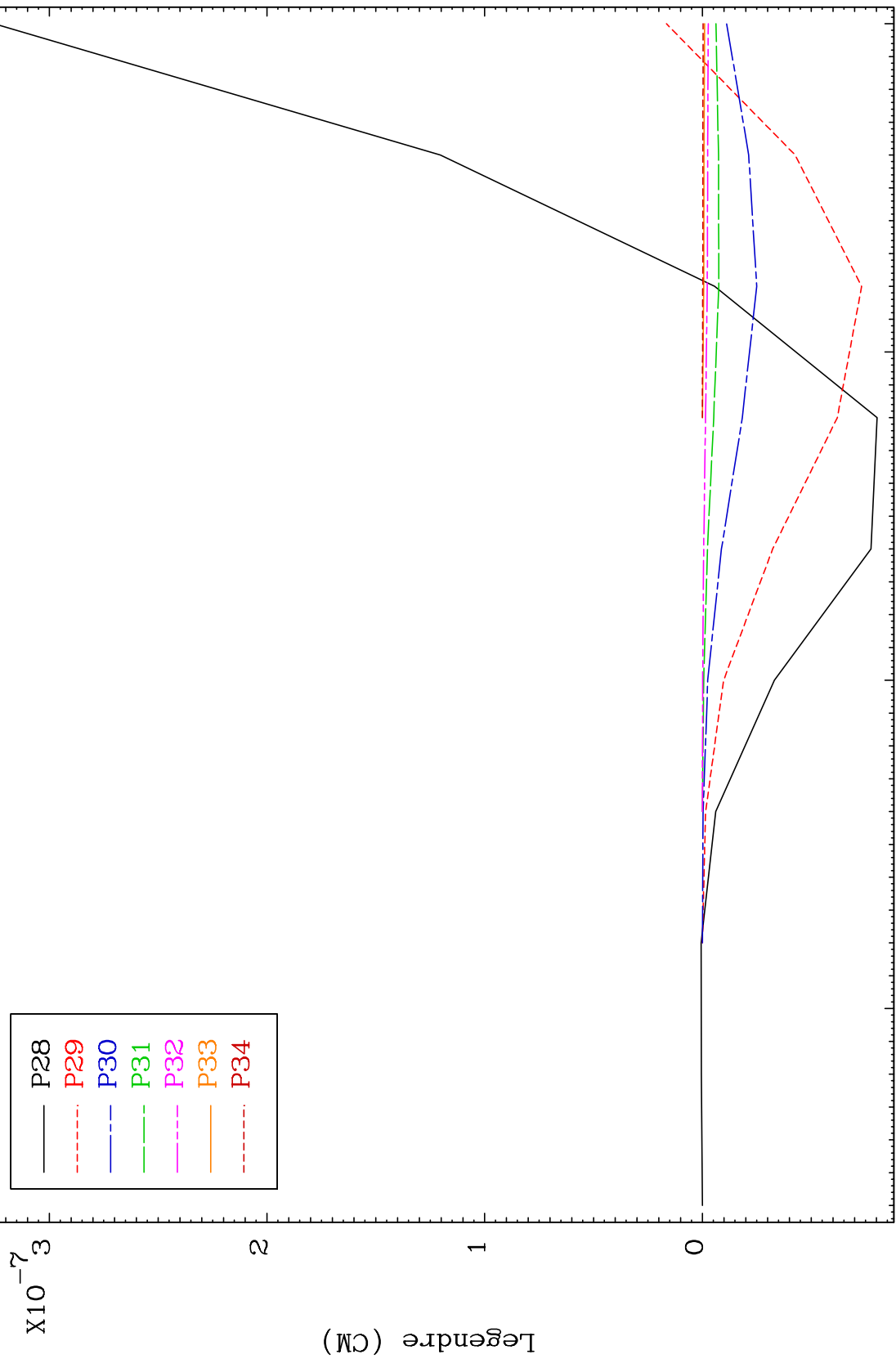
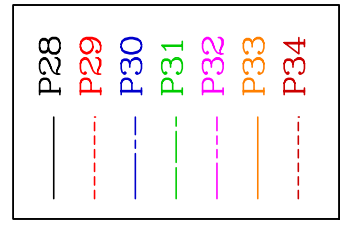
Incident Energy (MeV)

48-Cd-117

MAT 4858

Elastic Legendre Coefficients

48-Cd-117



19

Incident Energy (MeV)

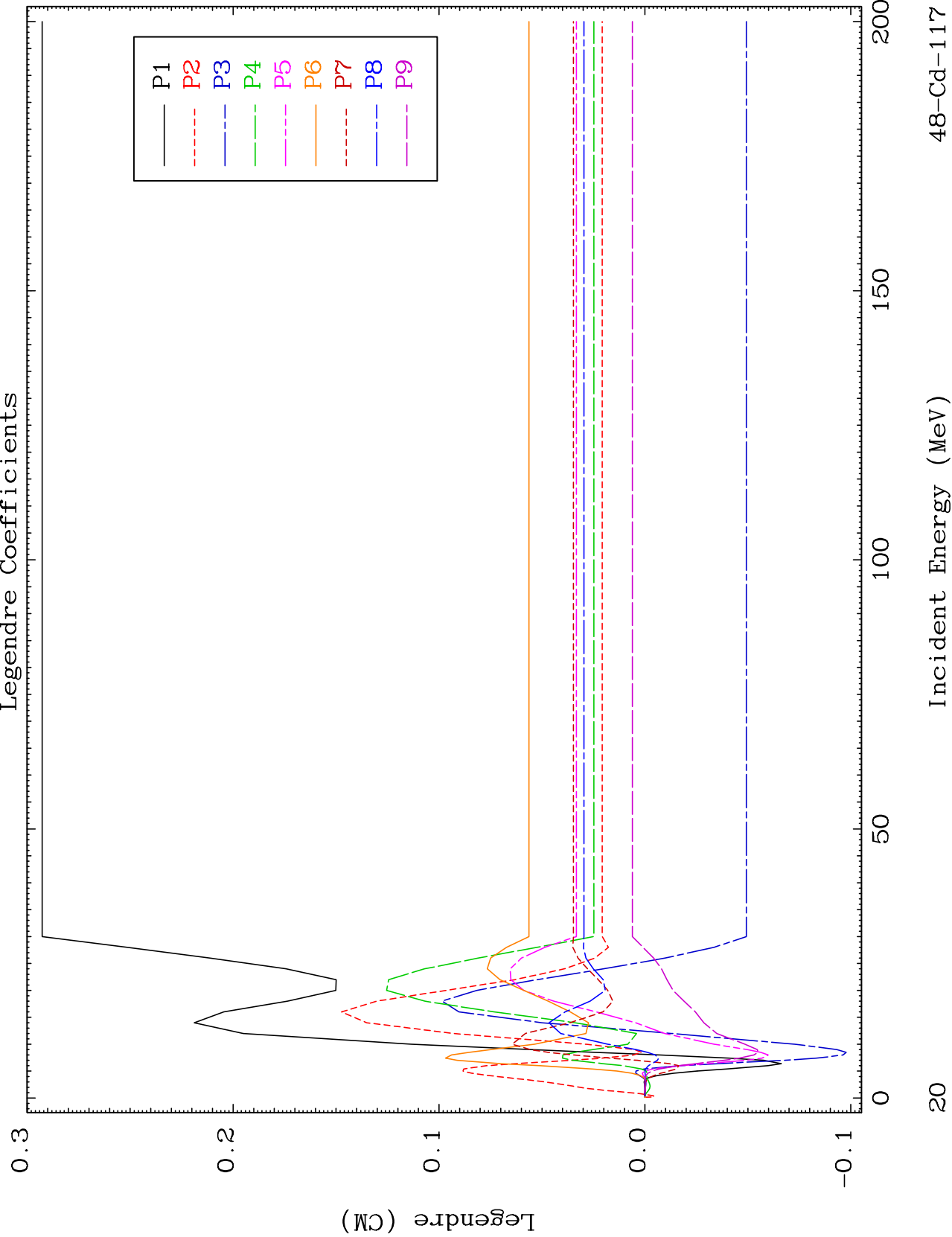
48-Cd-117

MAT 4858

MT= 51 (n,n') Level

48-Cd-117

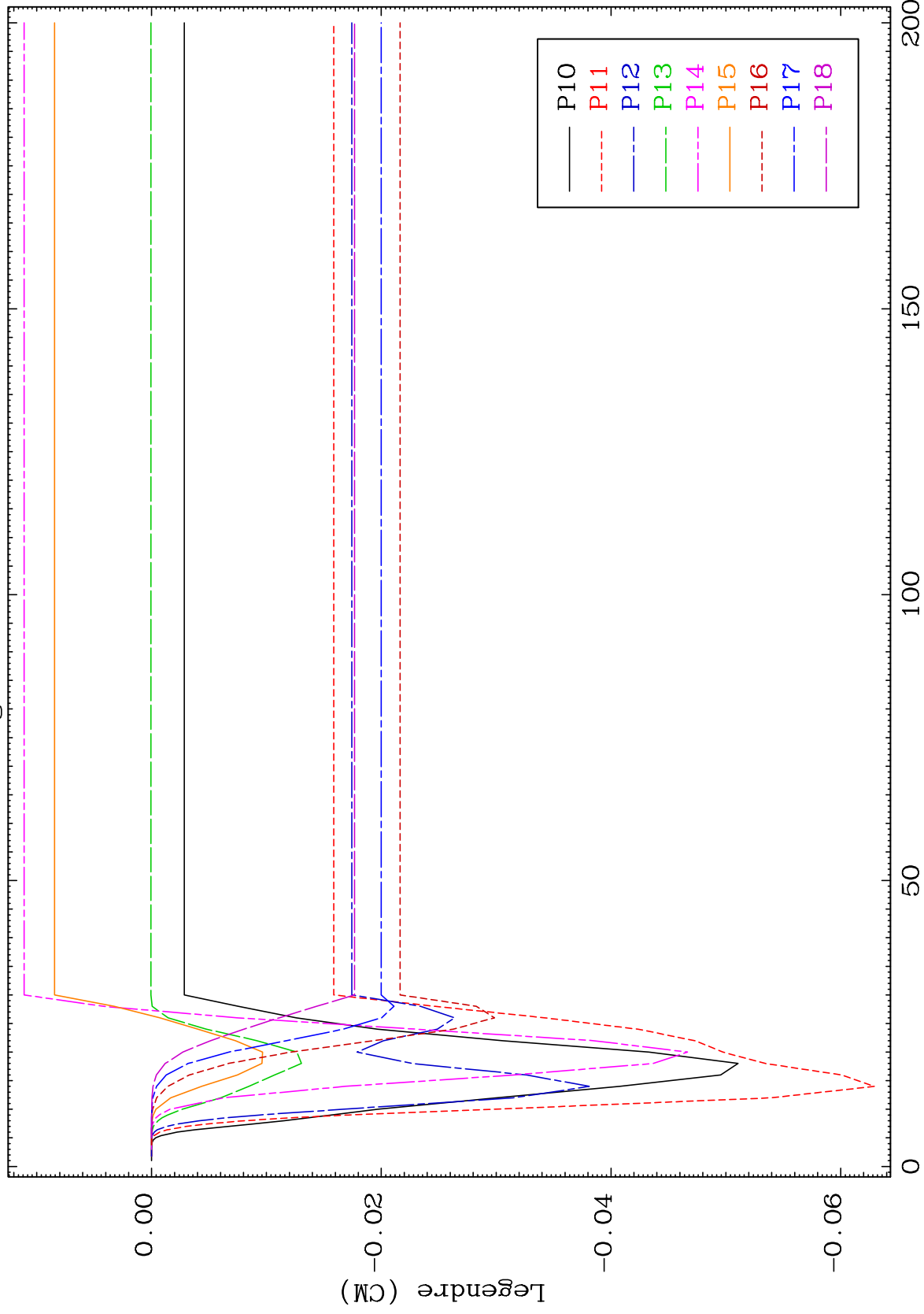
Legendre Coefficients



MAT 4858

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

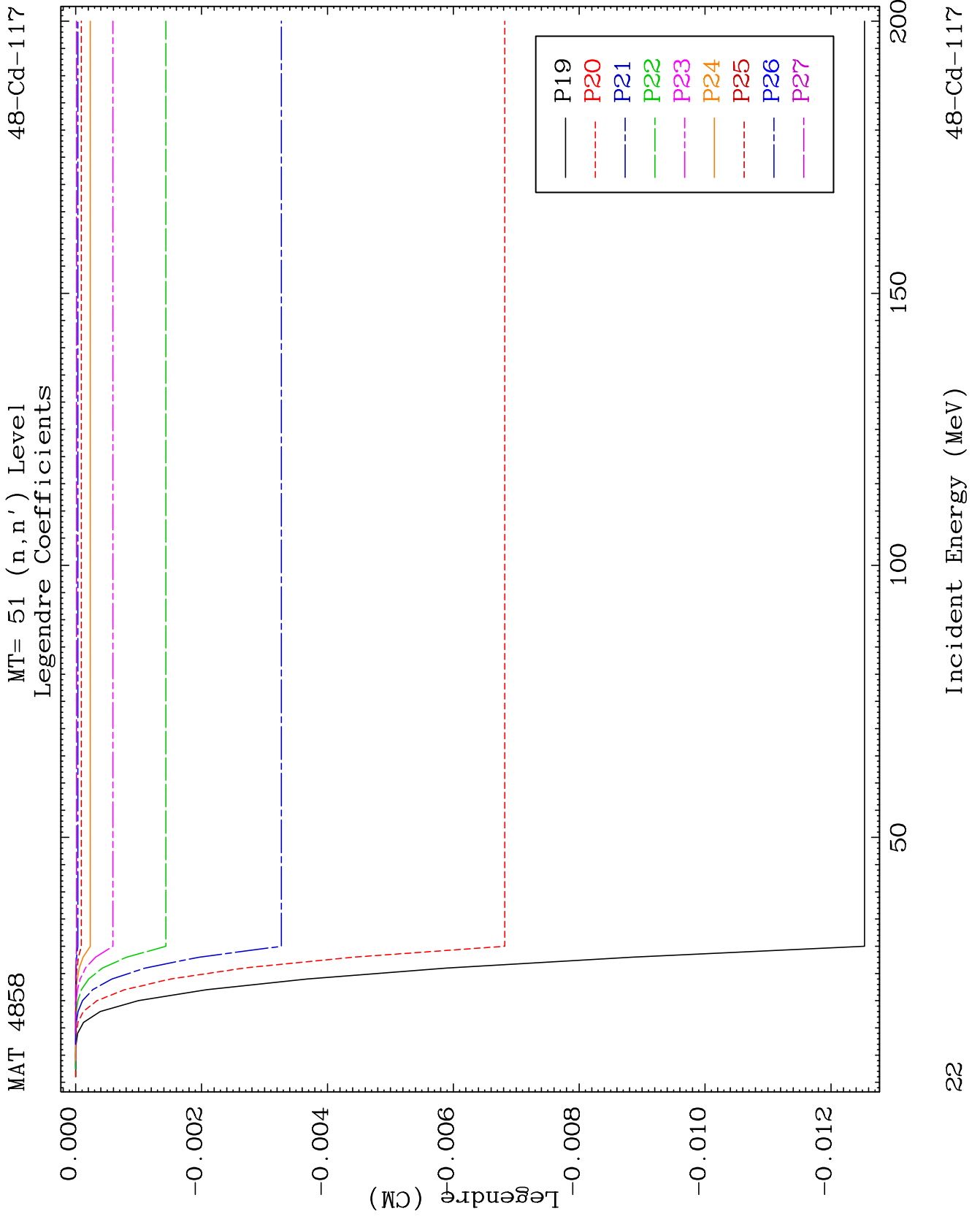
48-Cd-117

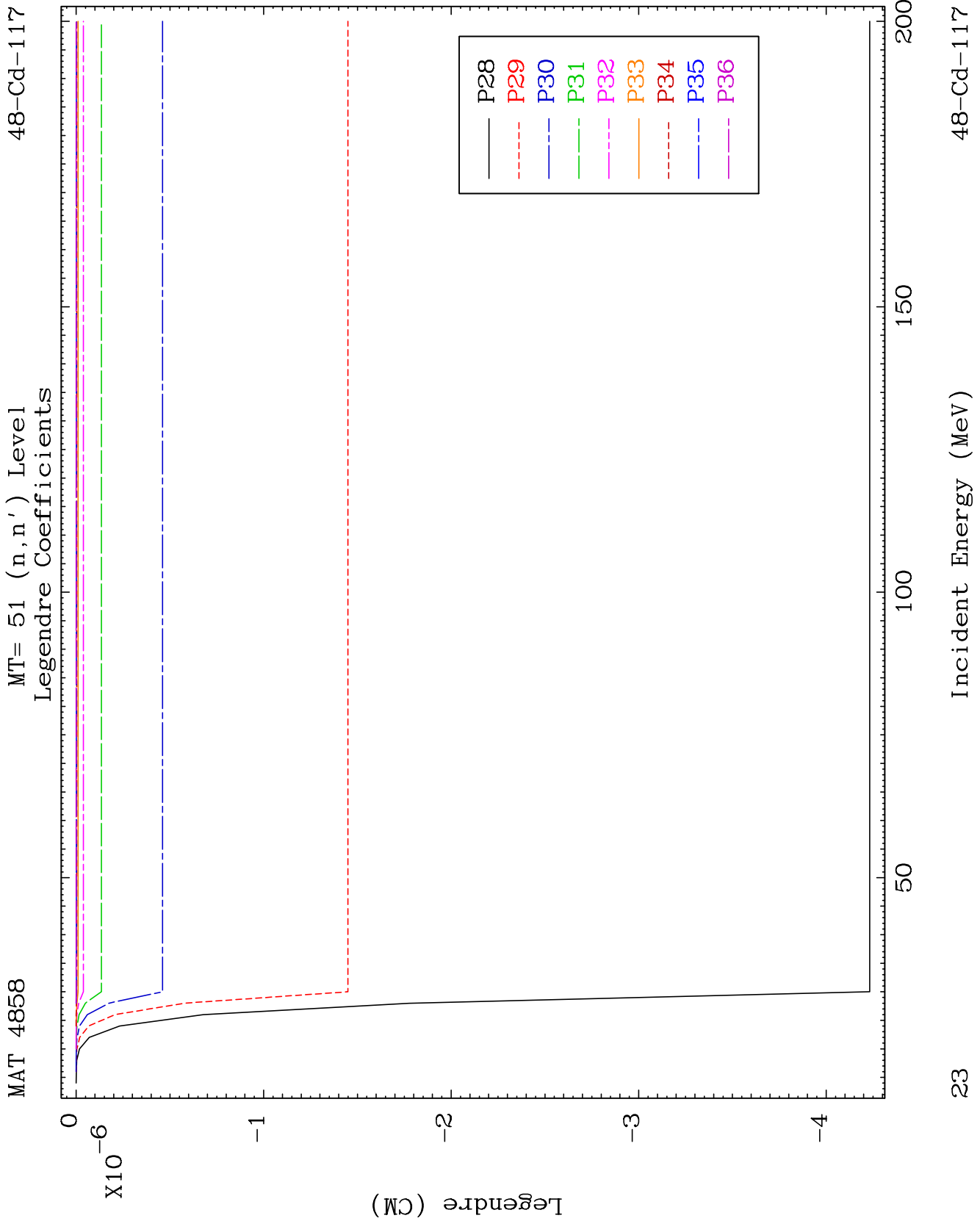


21

Incident Energy (MeV)

48-Cd-117

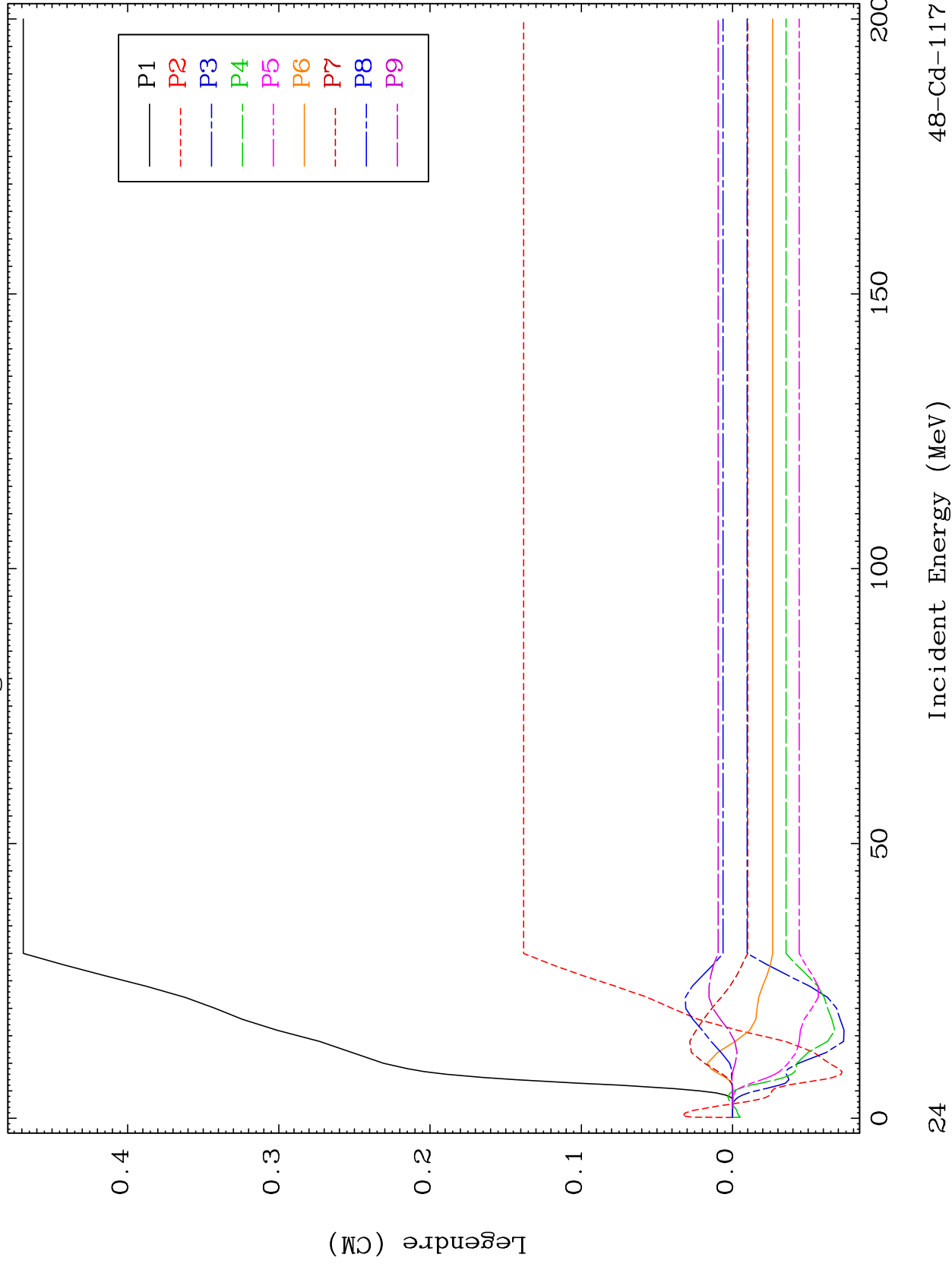




MAT 4858

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

48-Cd-117



48-Cd-117

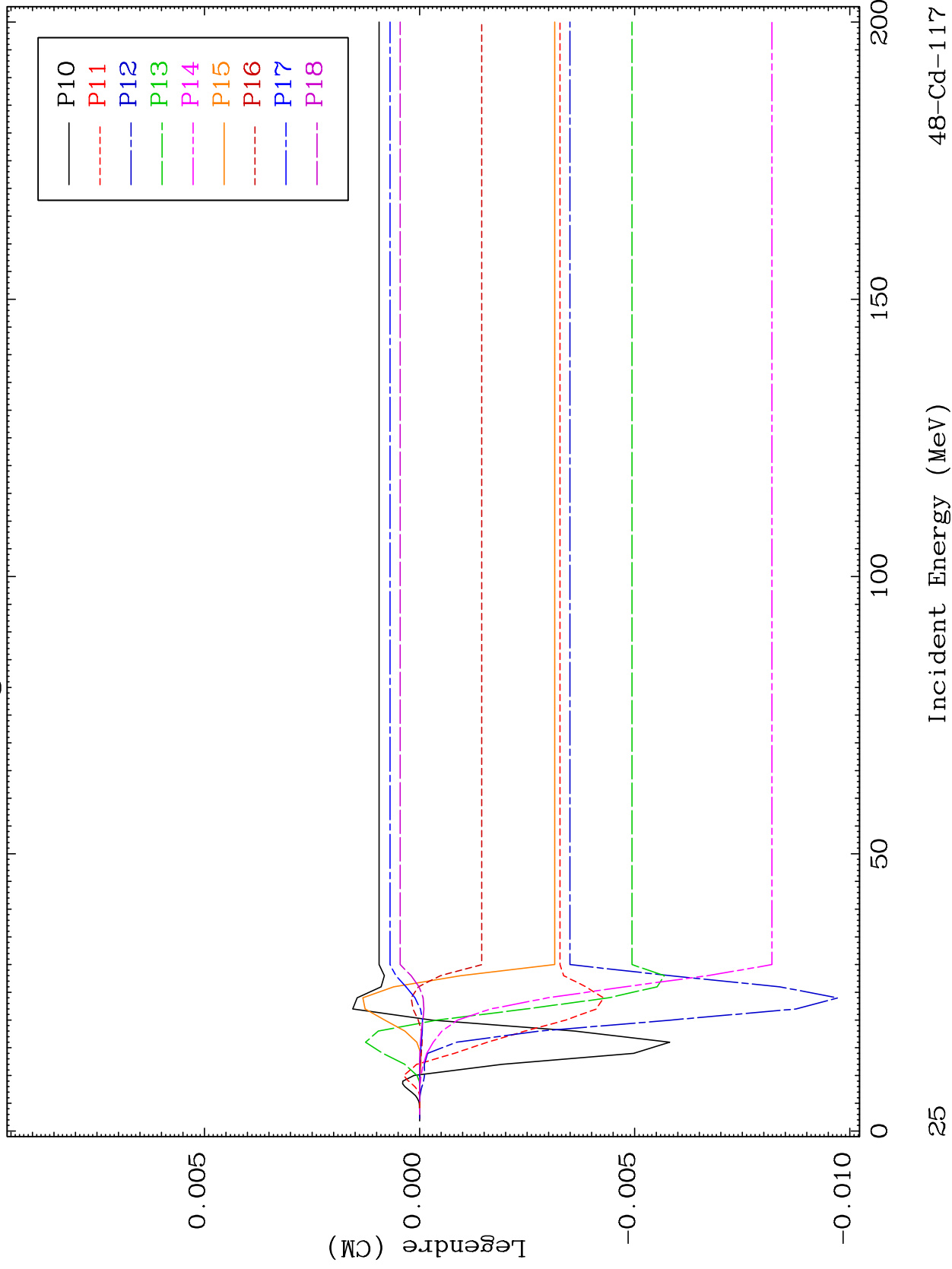
Incident Energy (MeV)

24

MAT 4858

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

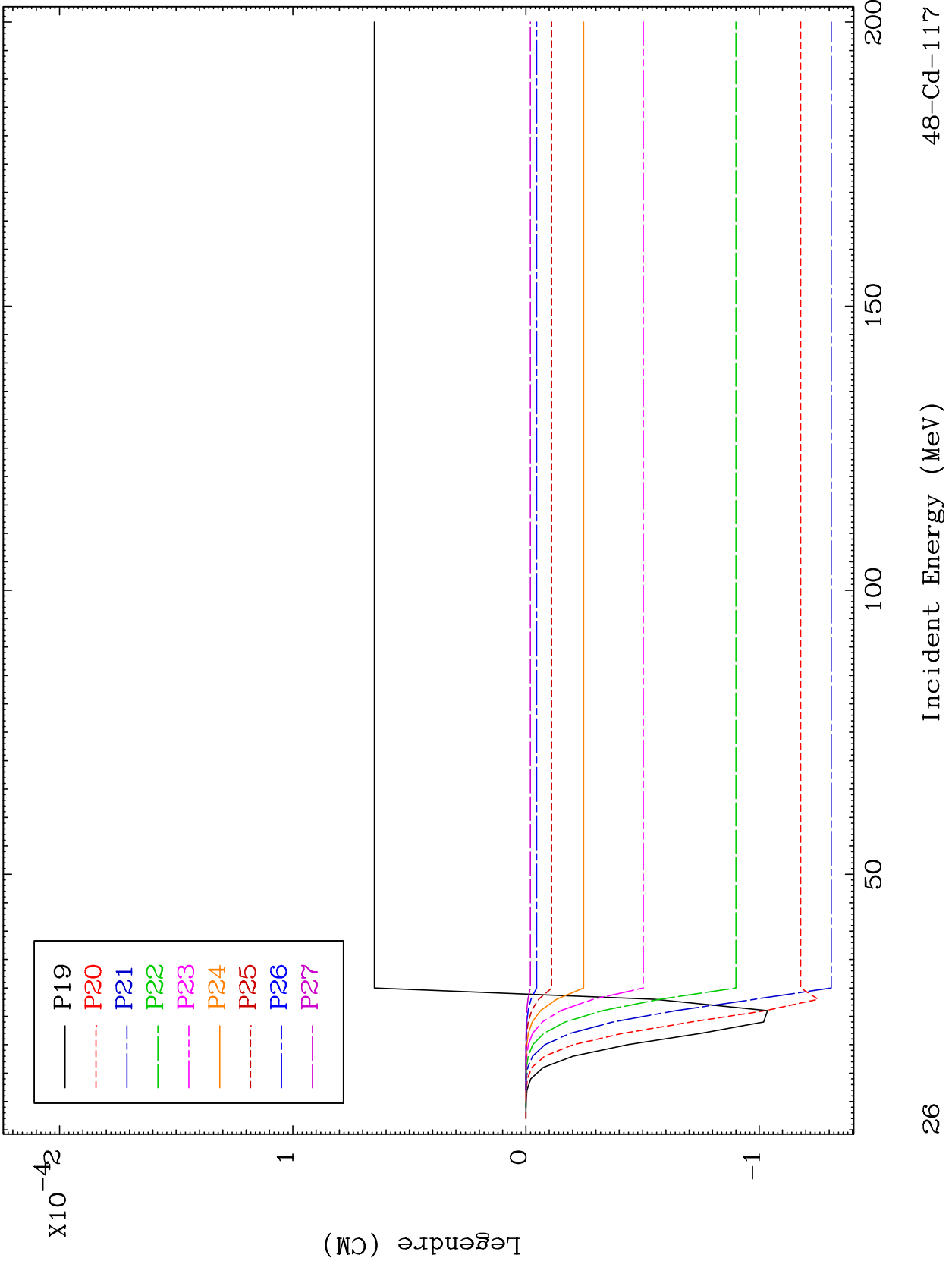
48-Cd-117

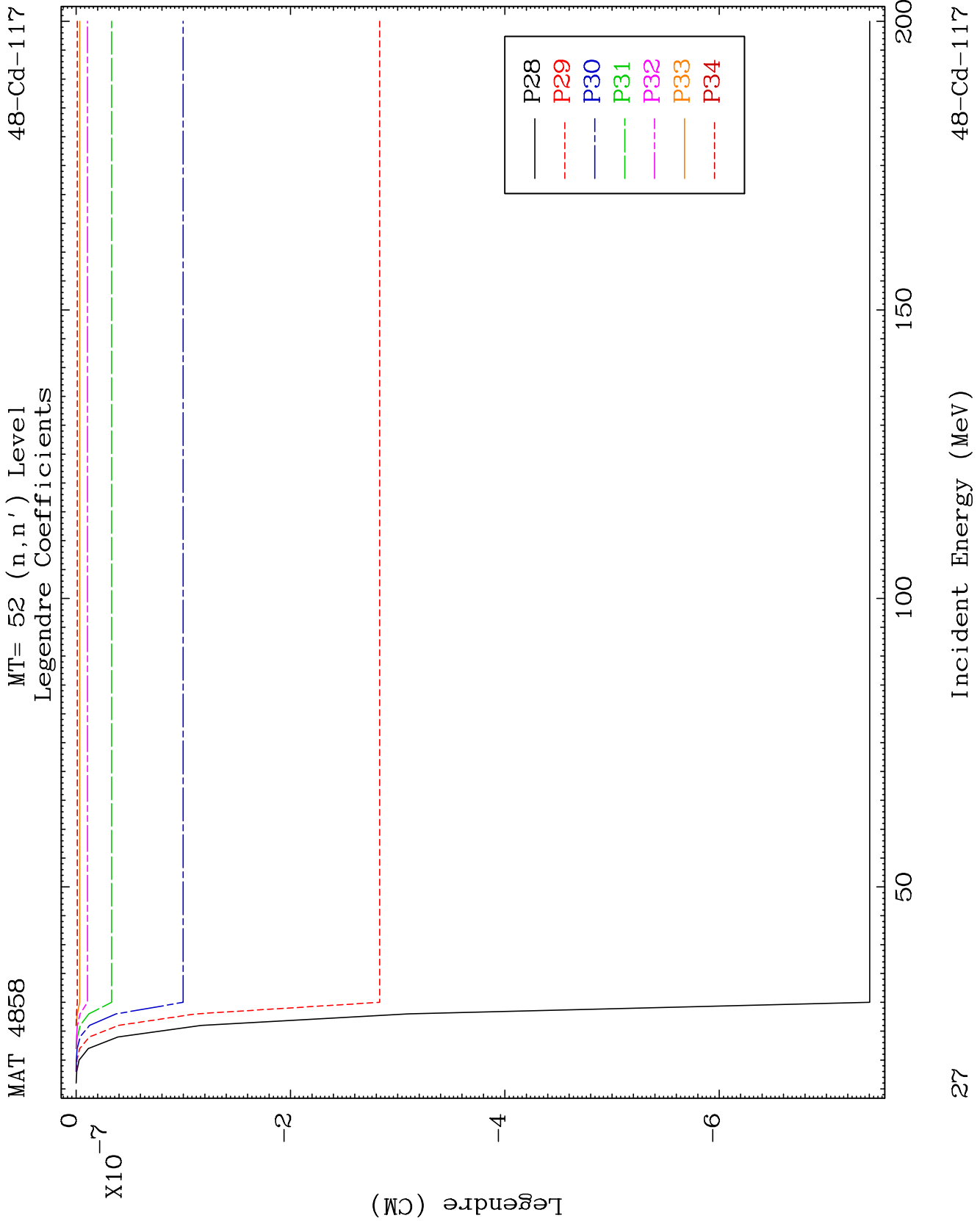


48-Cd-117

Incident Energy (MeV)

25

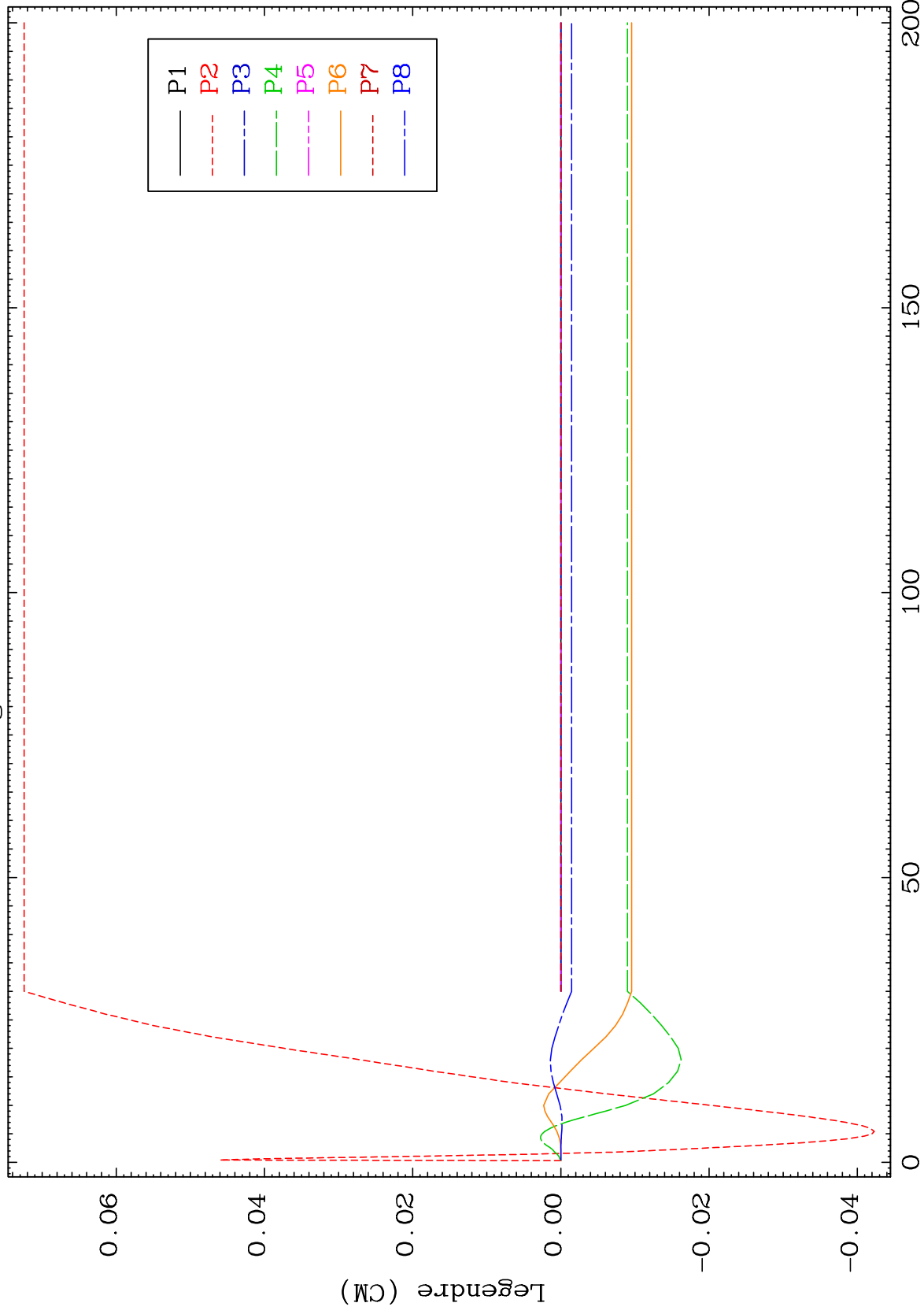




MAT 4858

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

48-Cd-117



48-Cd-117

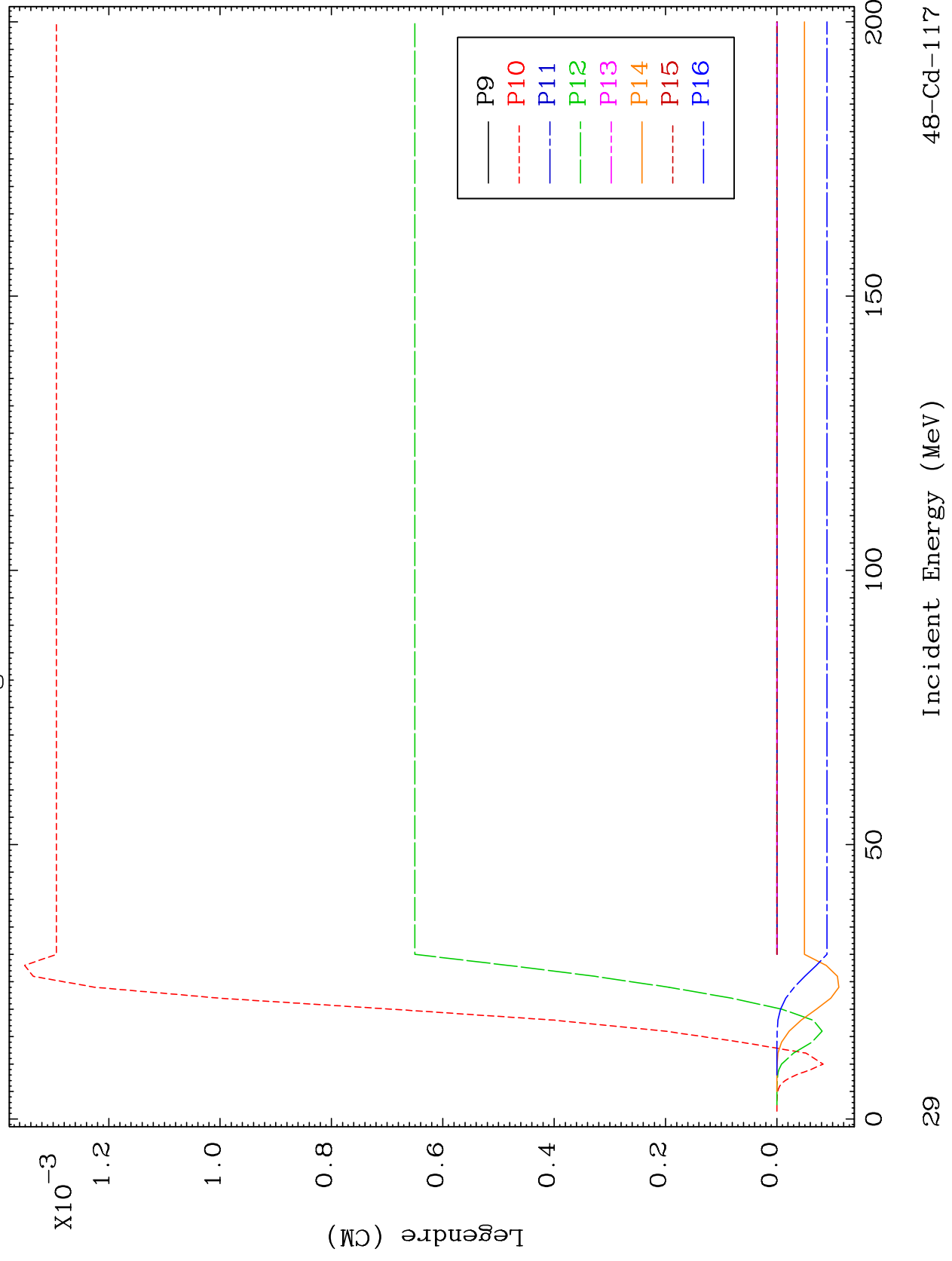
Incident Energy (MeV)

28

MAT 4858

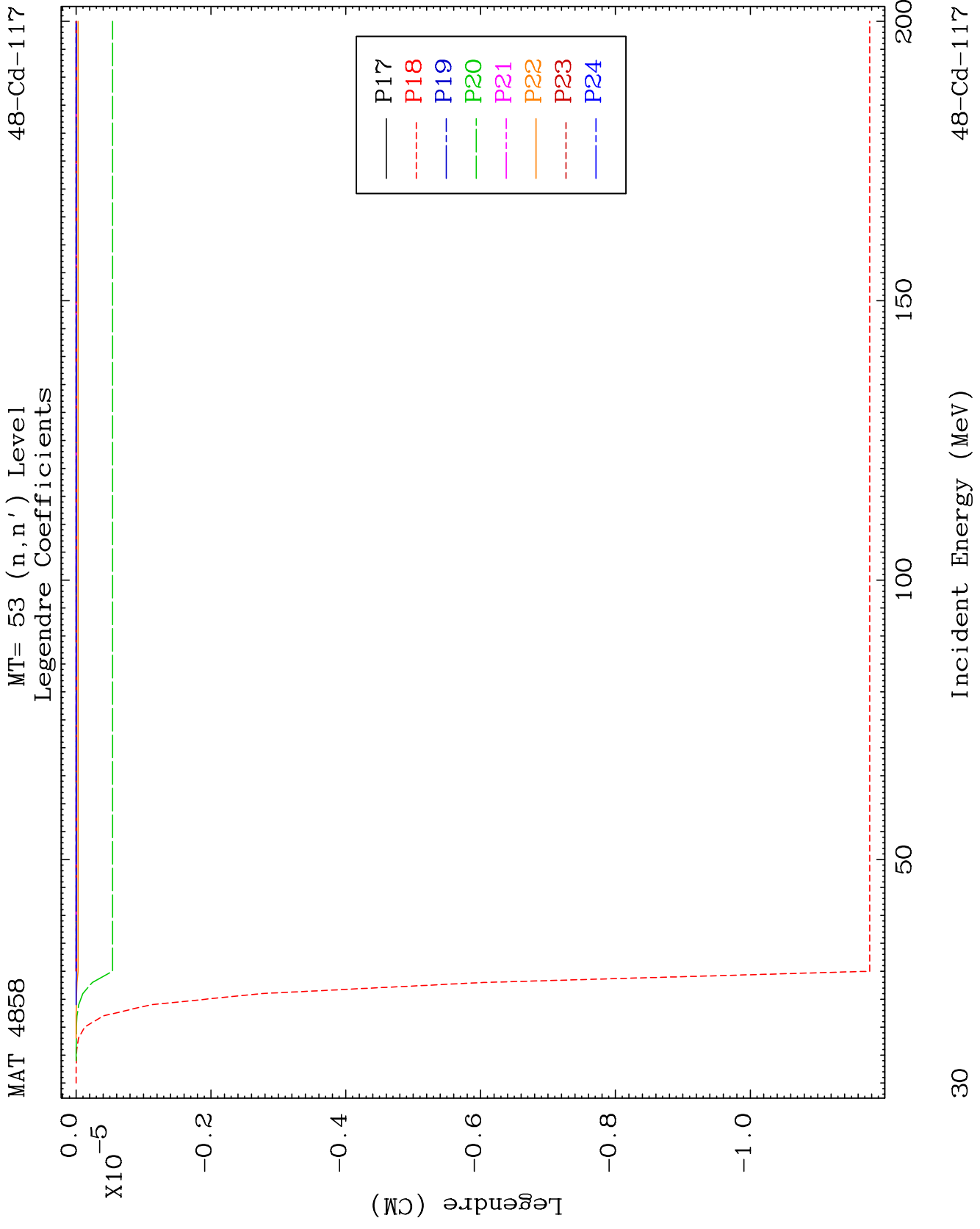
MT= 53 (n,n') Level
Legendre Coefficients

48-Cd-117



29

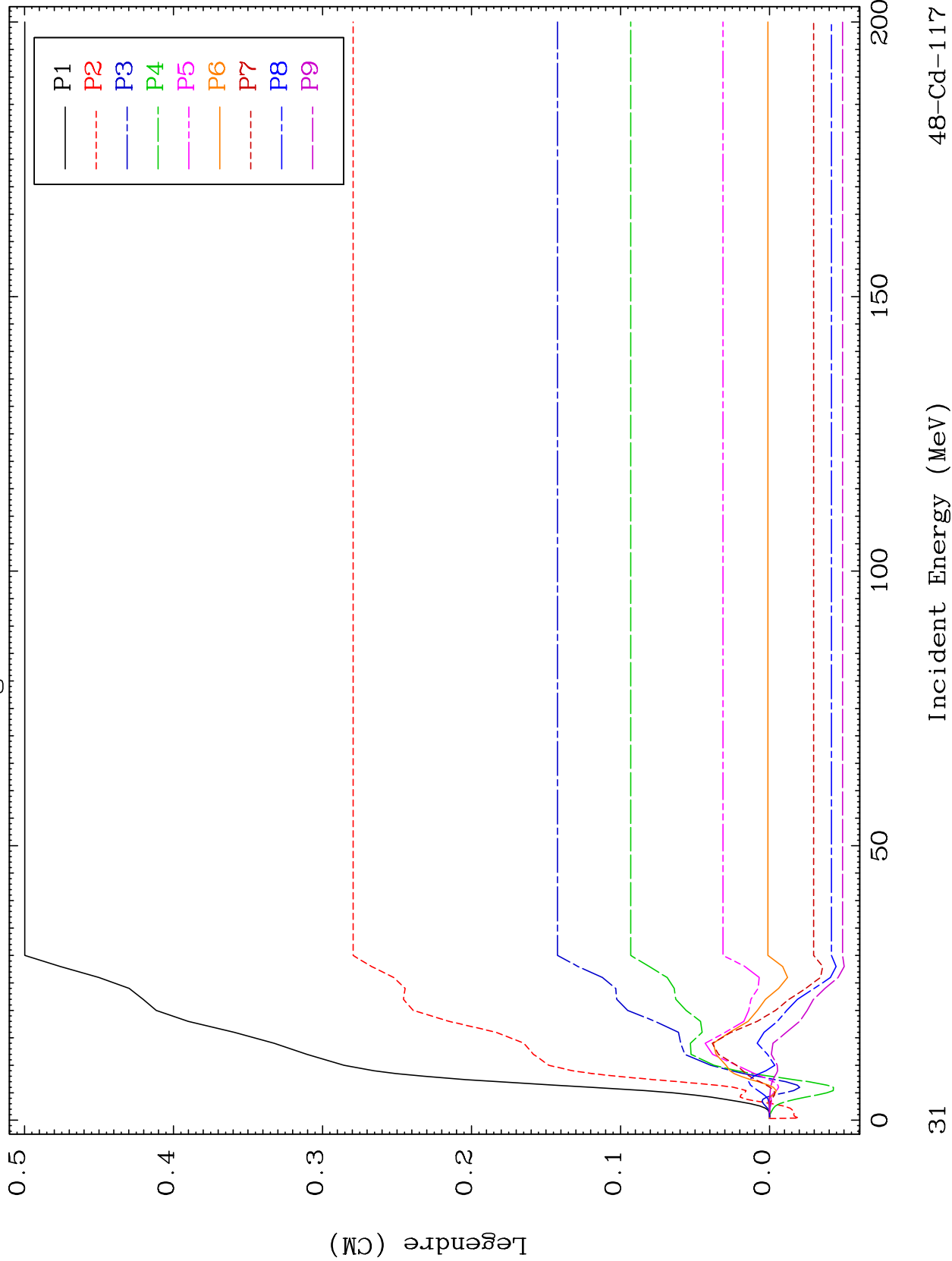
48-Cd-117



MAT 4858

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

48-Cd-117



48-Cd-117

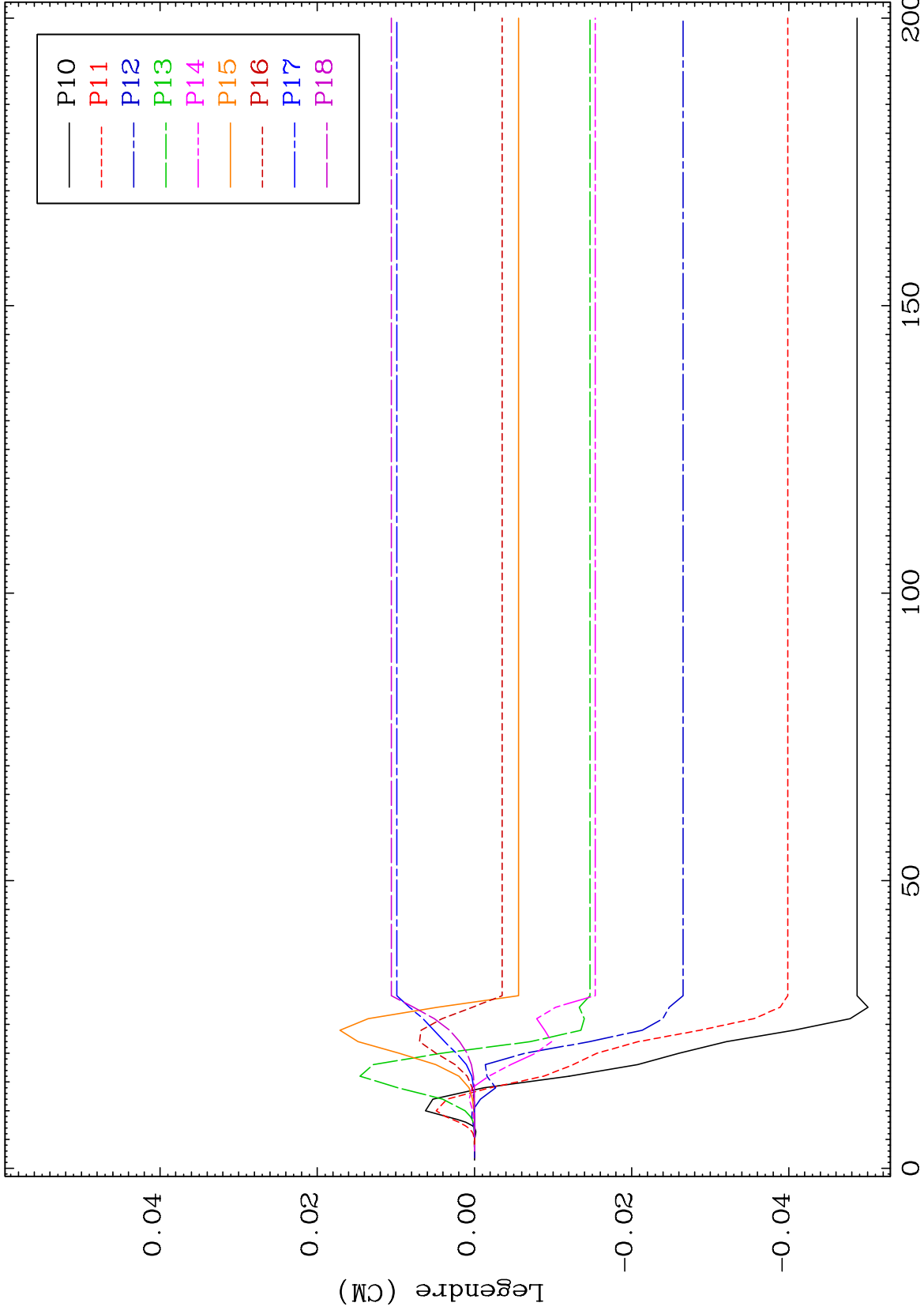
Incident Energy (MeV)

31

MAT 4858

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

48-Cd-117



32

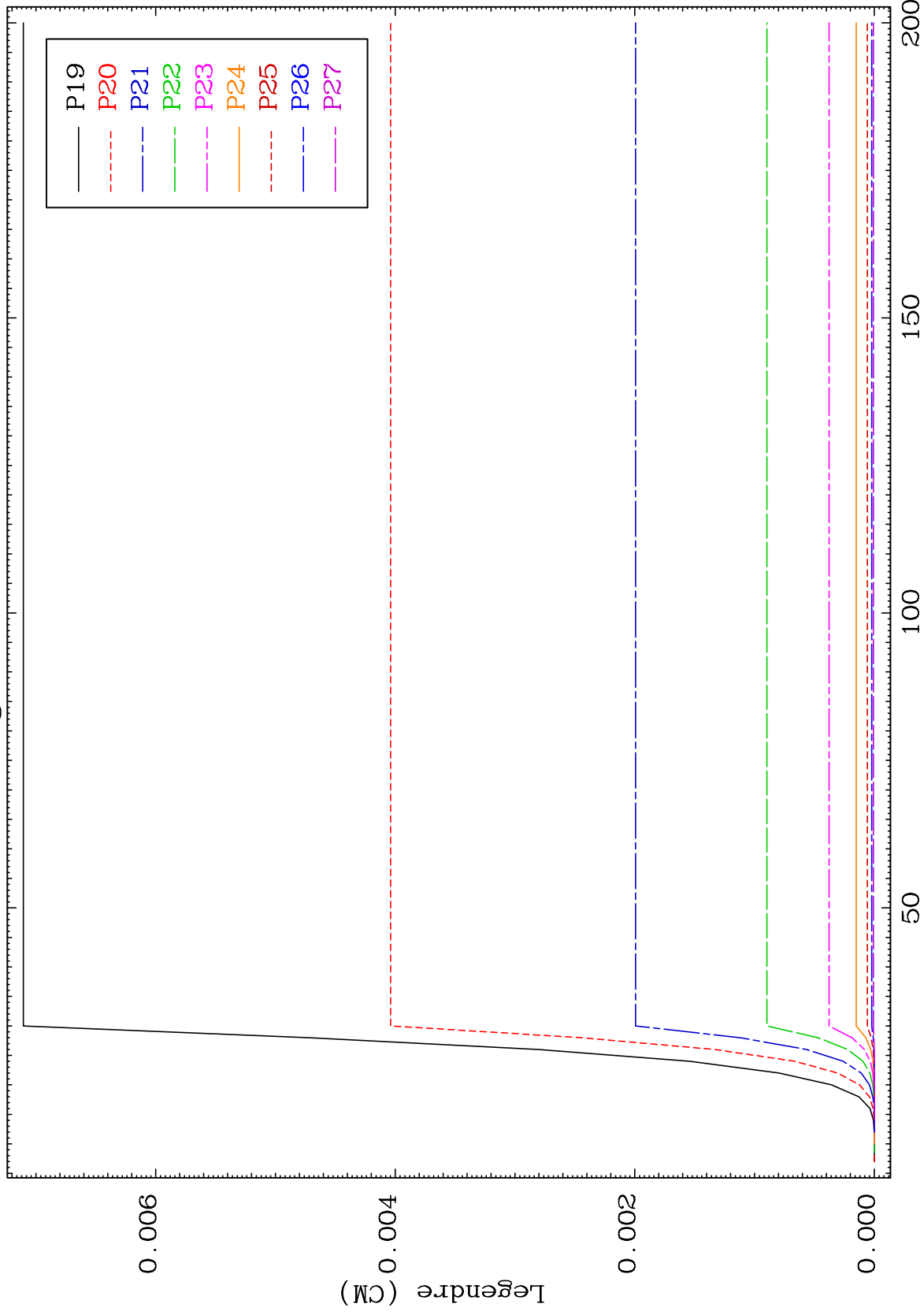
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



33

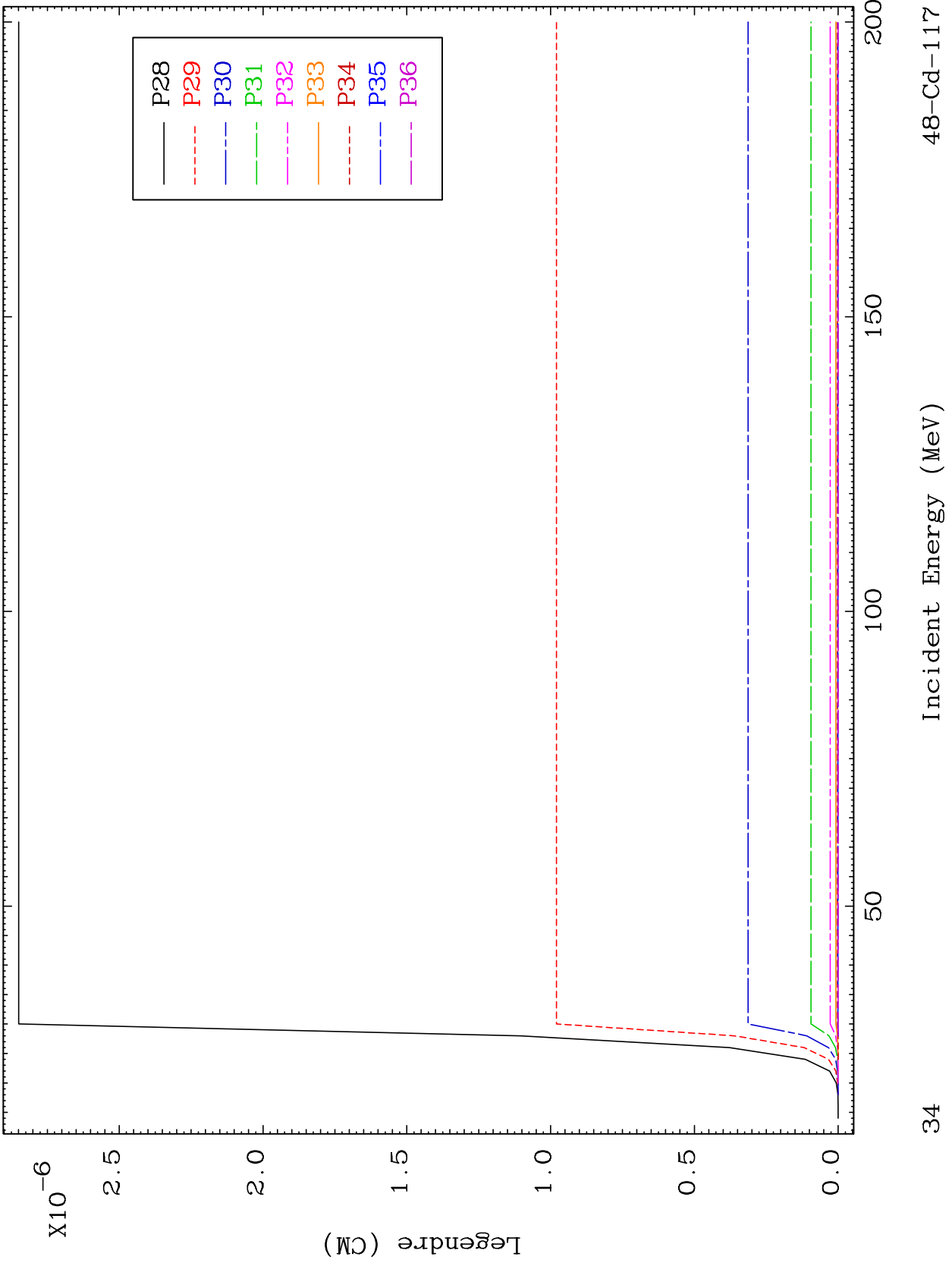
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



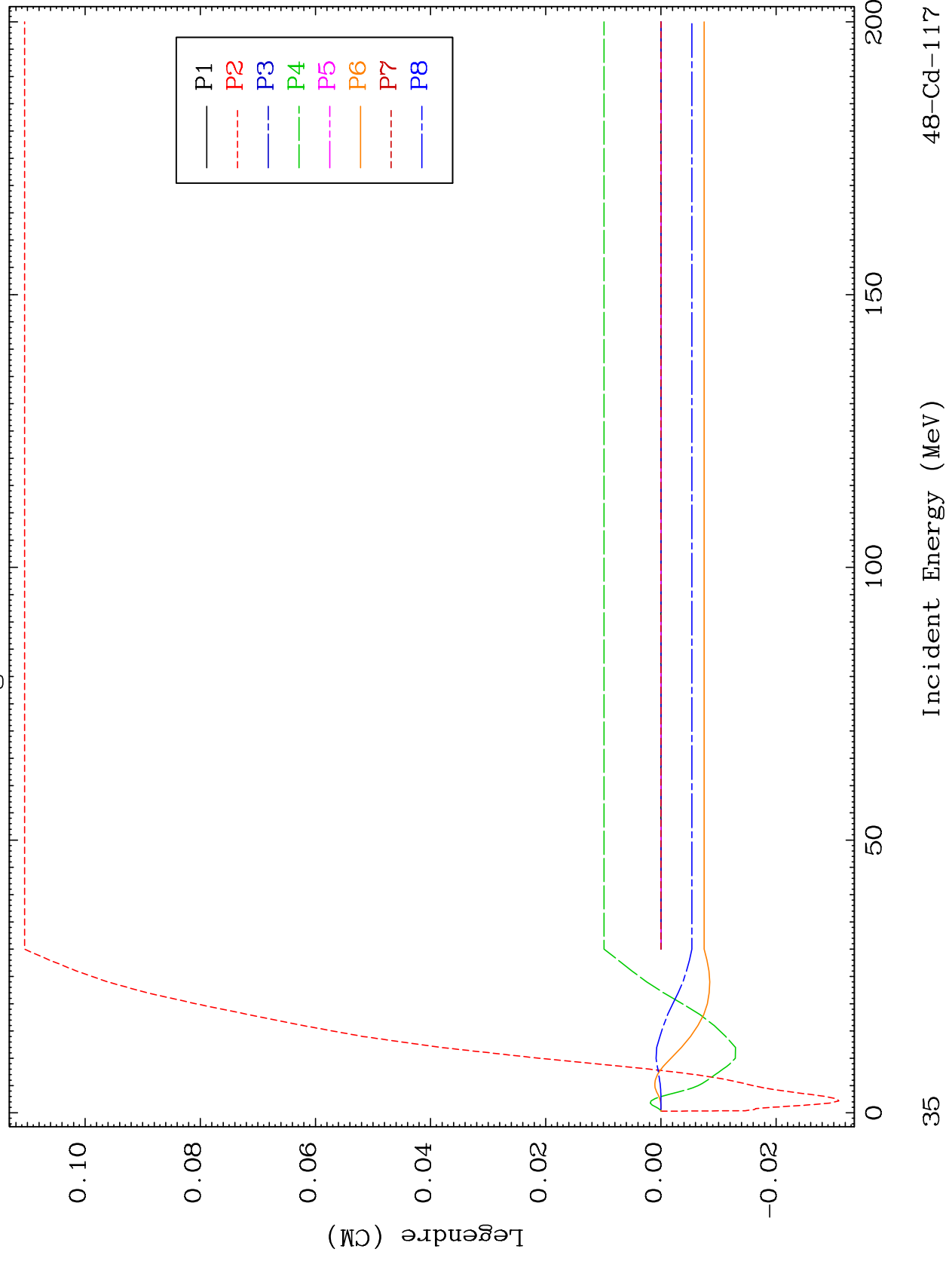
34

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

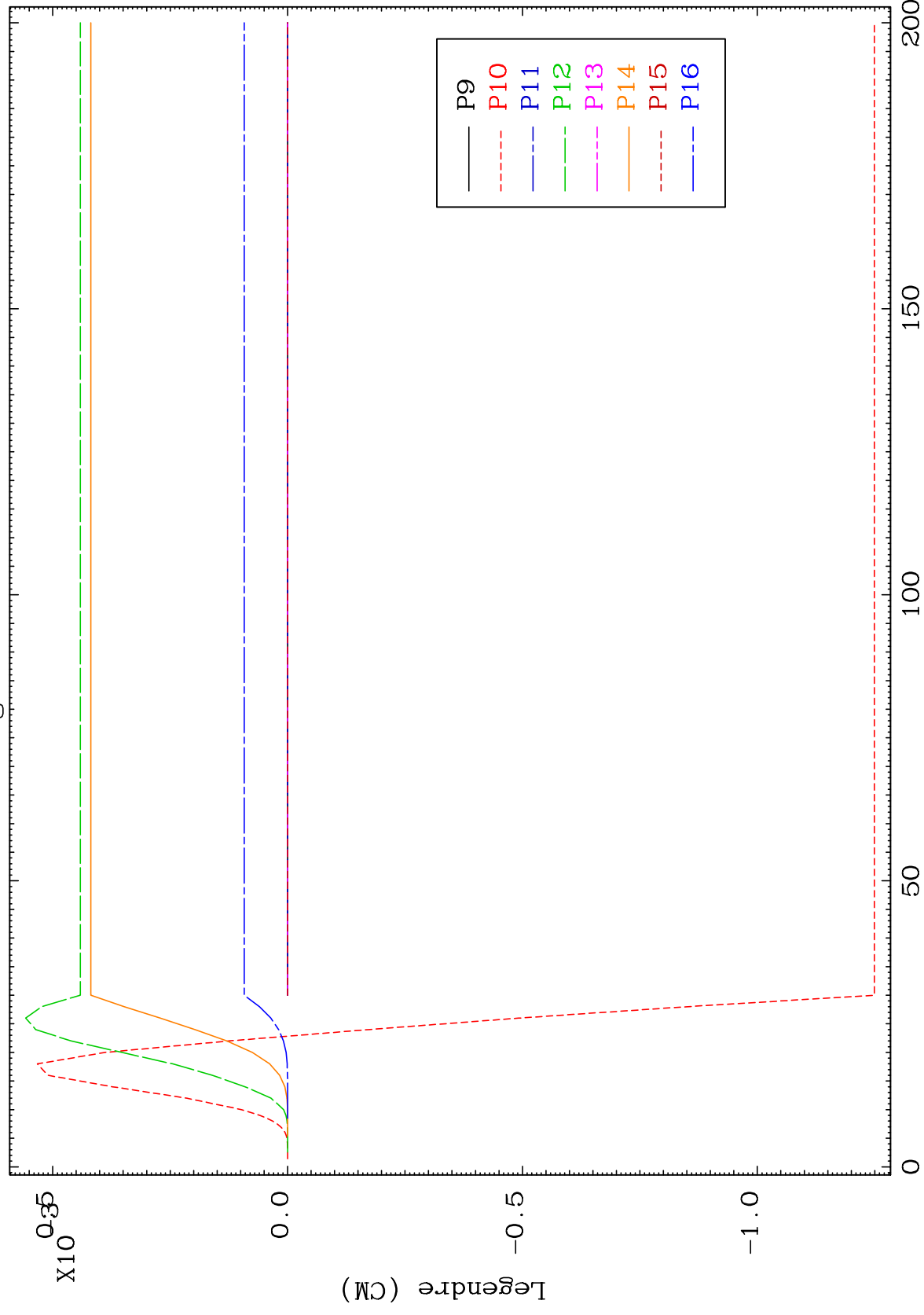
Incident Energy (MeV)

35

MAT 4858

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

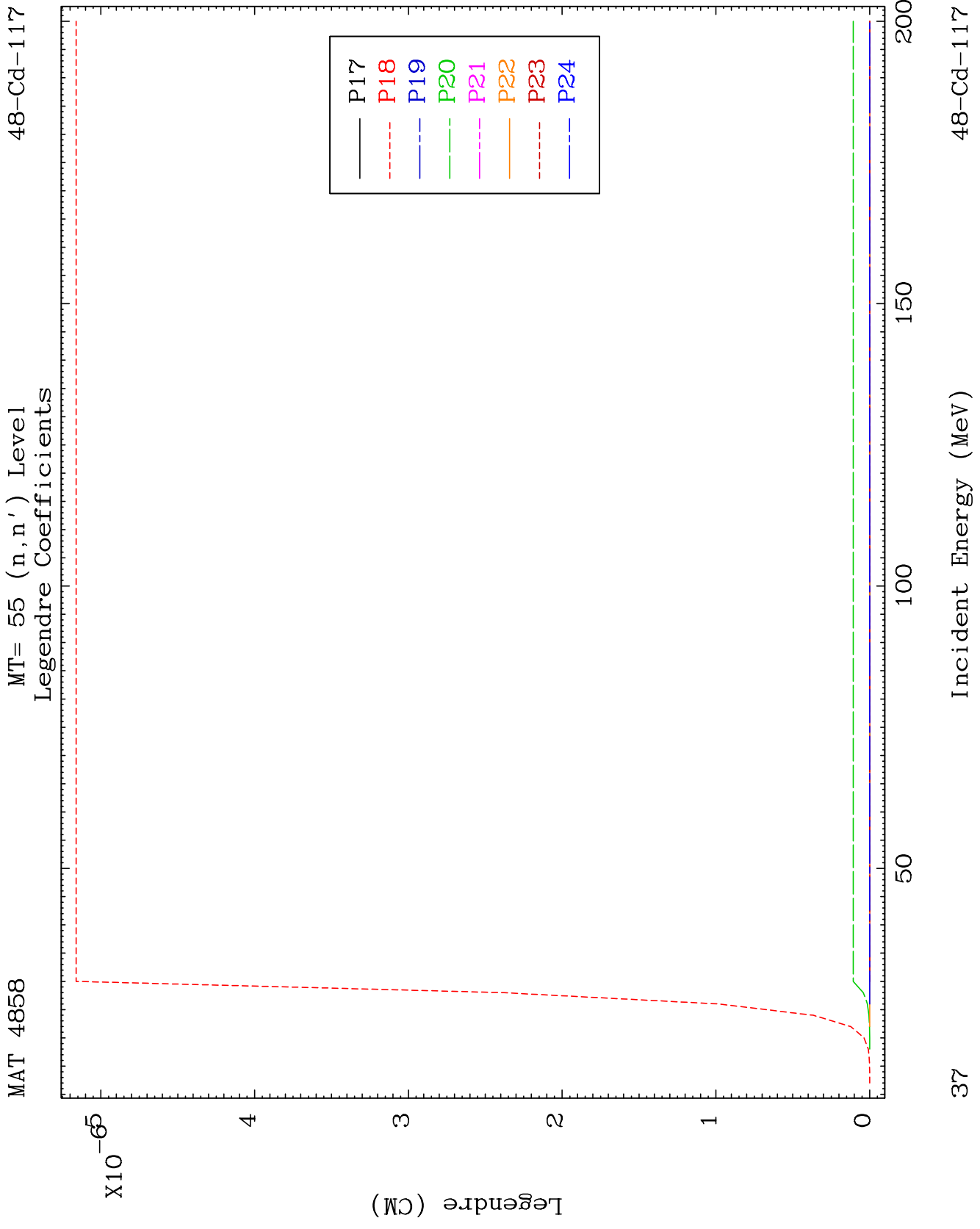
48-Cd-117



36

Incident Energy (MeV)

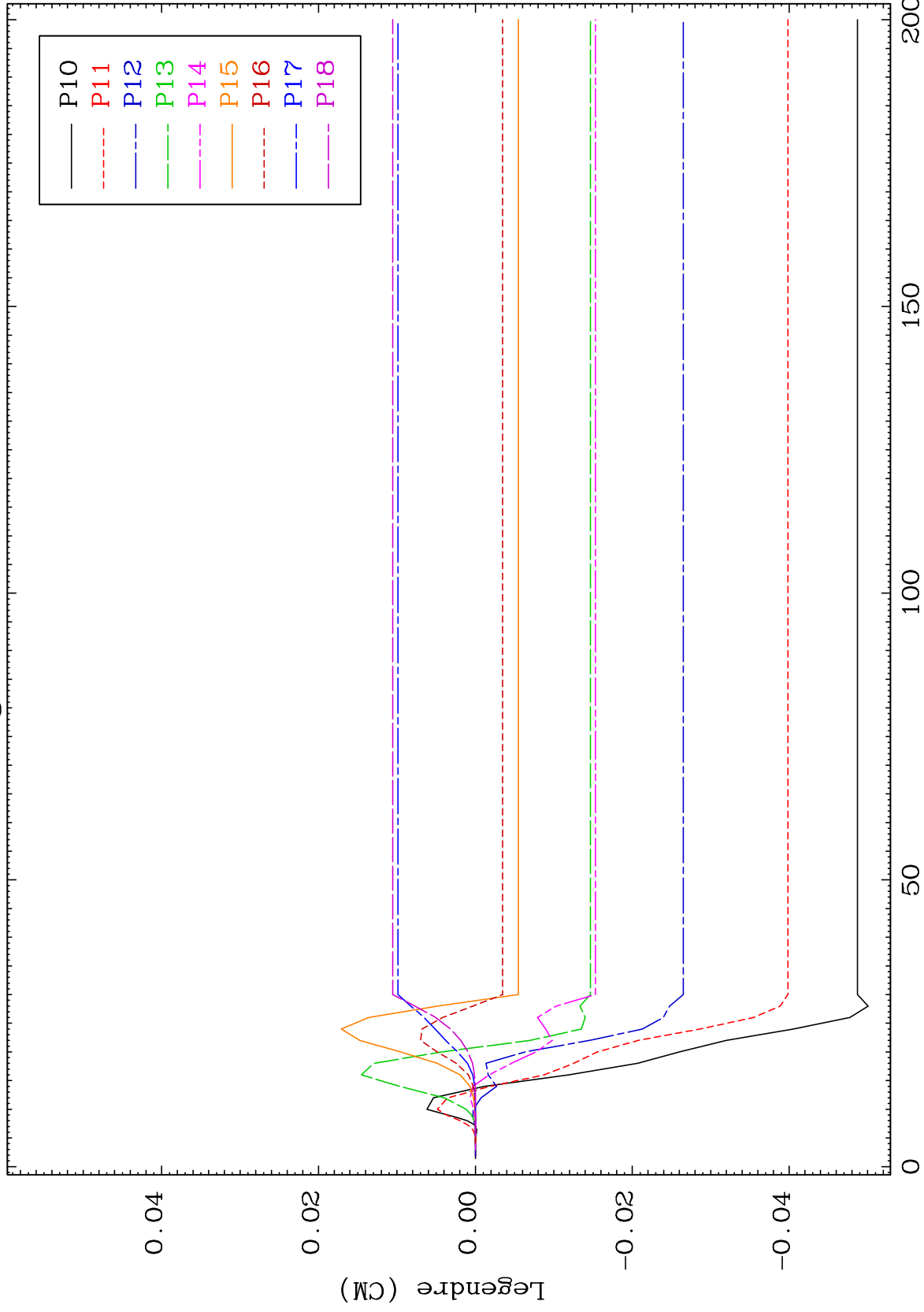
48-Cd-117



MAT 4858

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

48-Cd-117



39

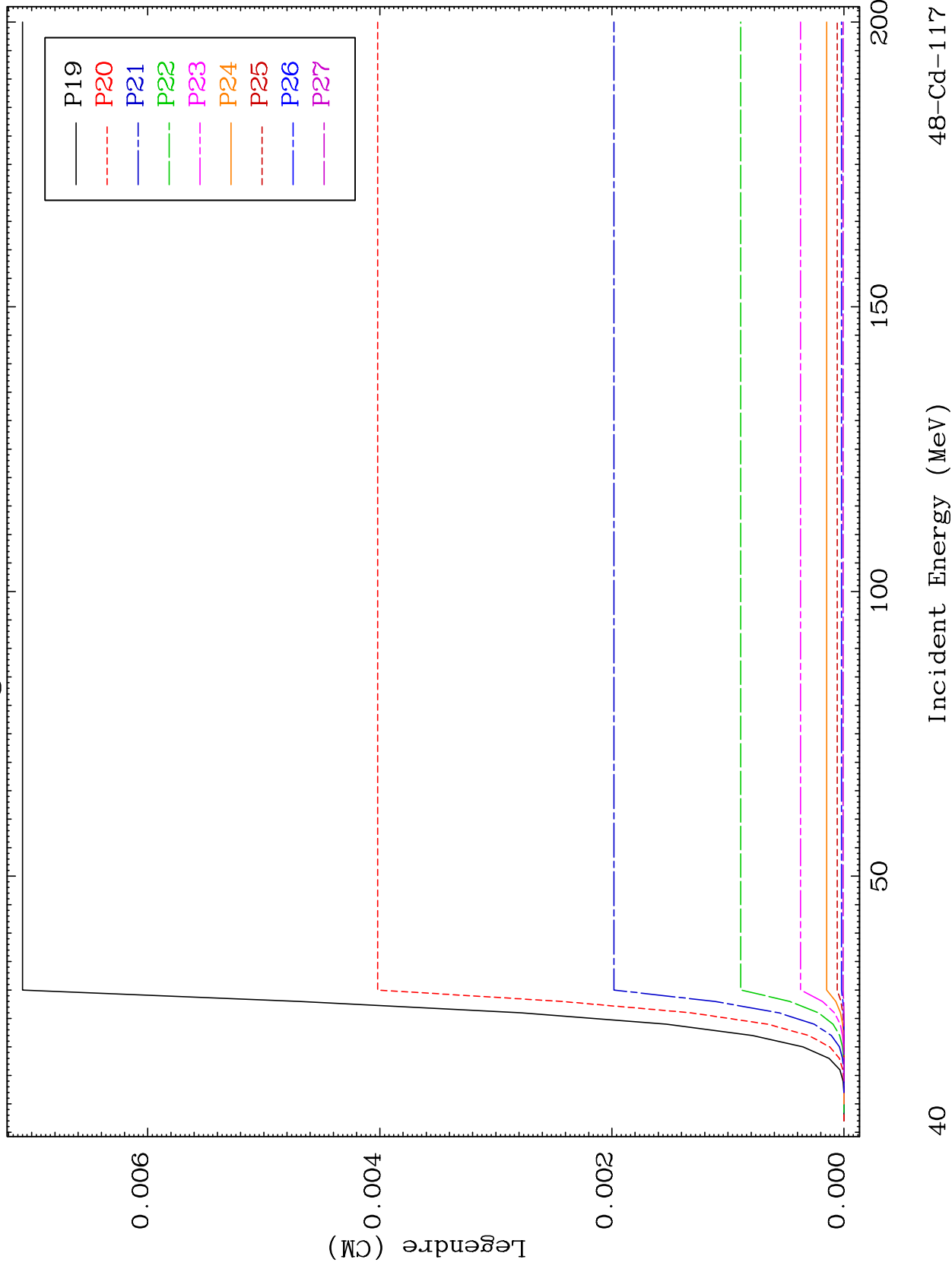
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

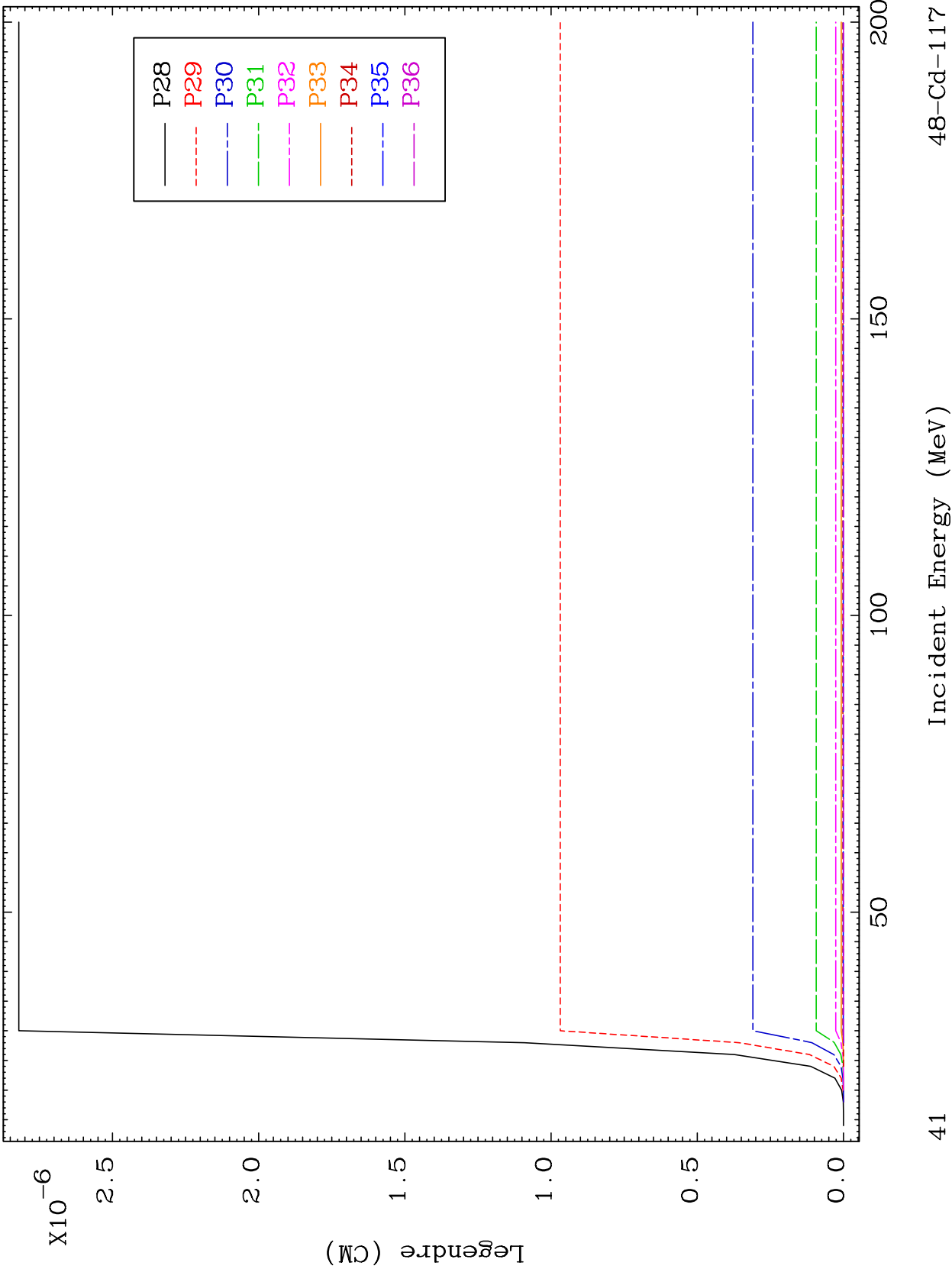
Incident Energy (MeV)

40

MAT 4858

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

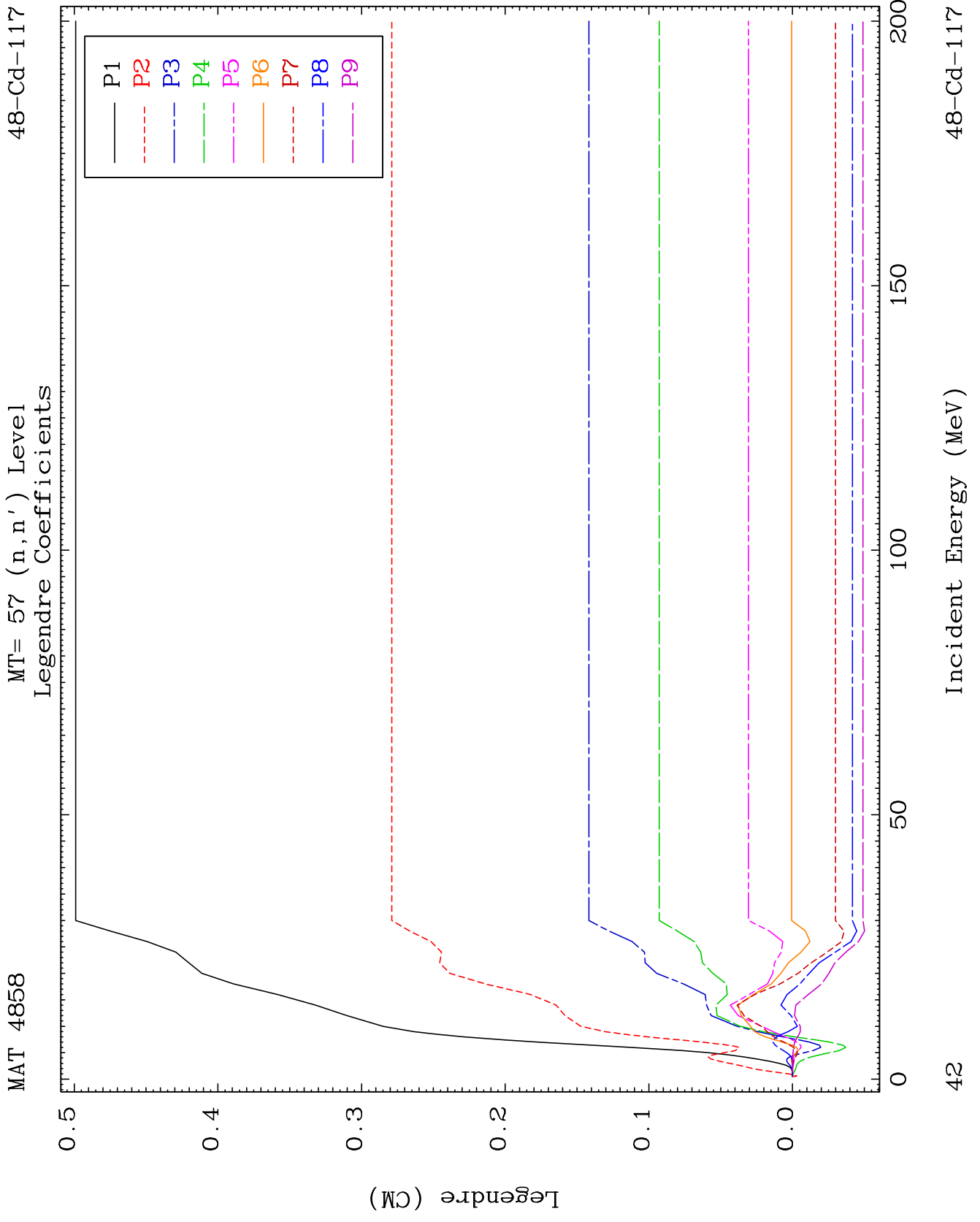
48-Cd-117



41

Incident Energy (MeV)

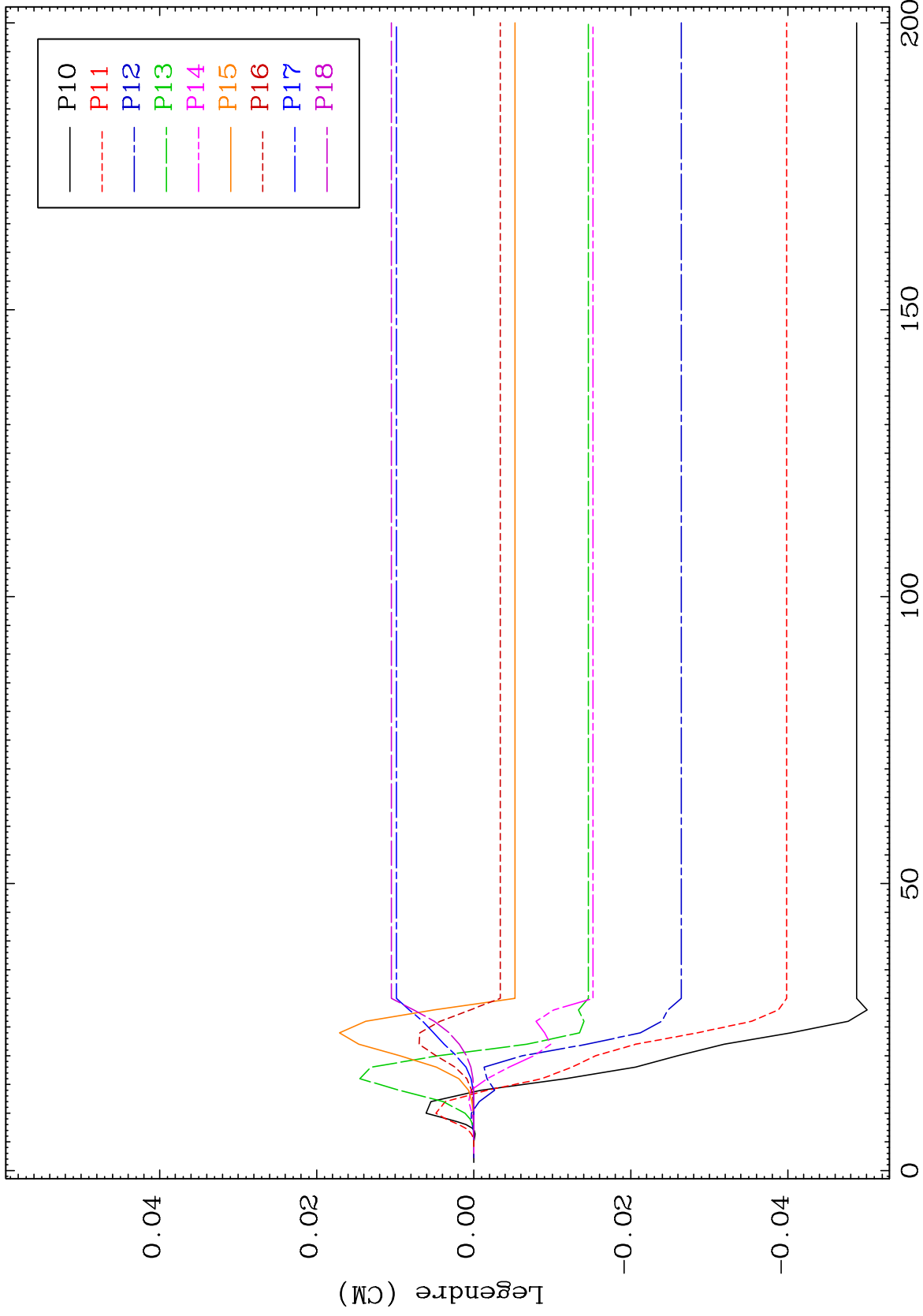
48-Cd-117



MAT 4858

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

48-Cd-117



43

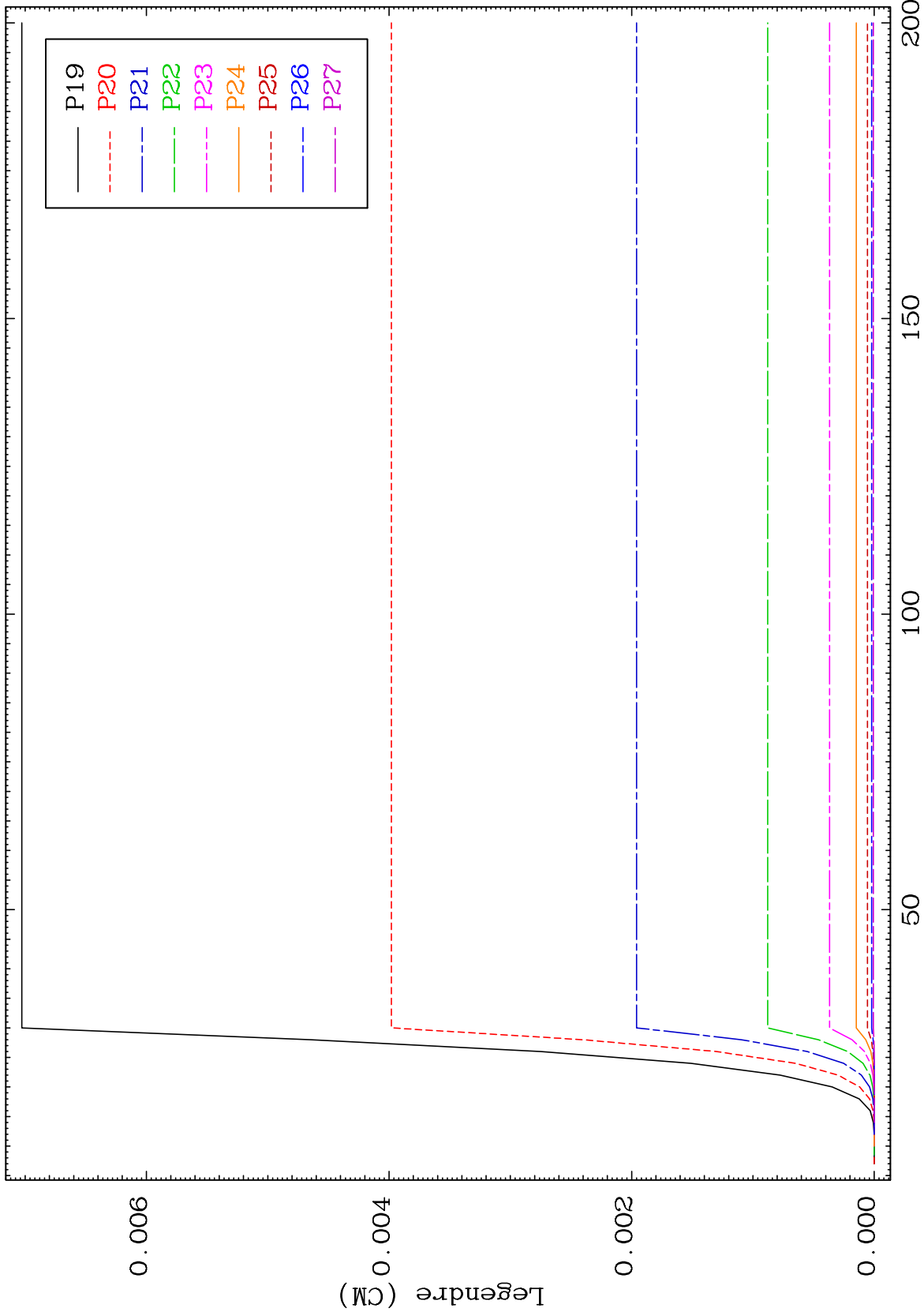
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



44

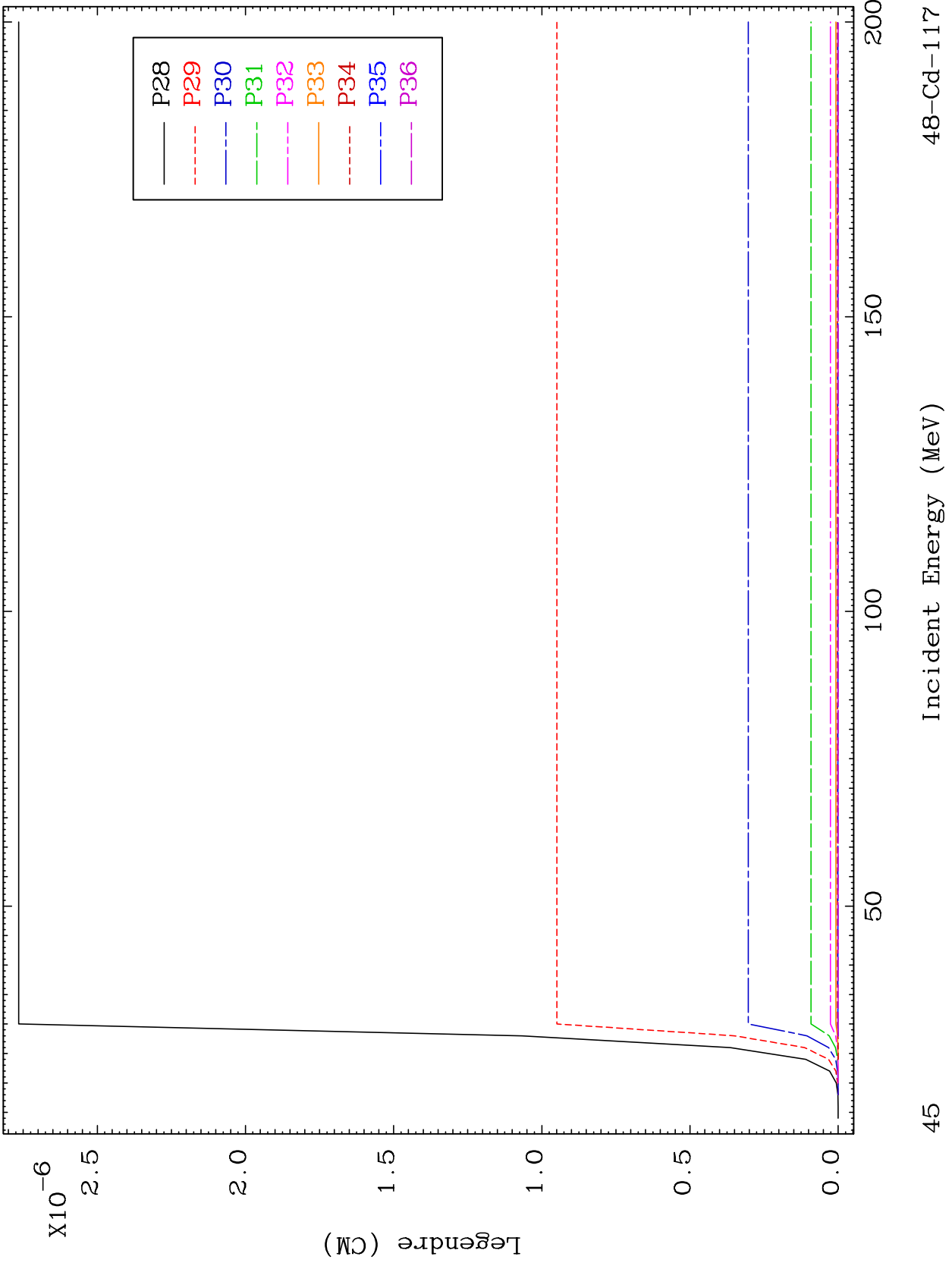
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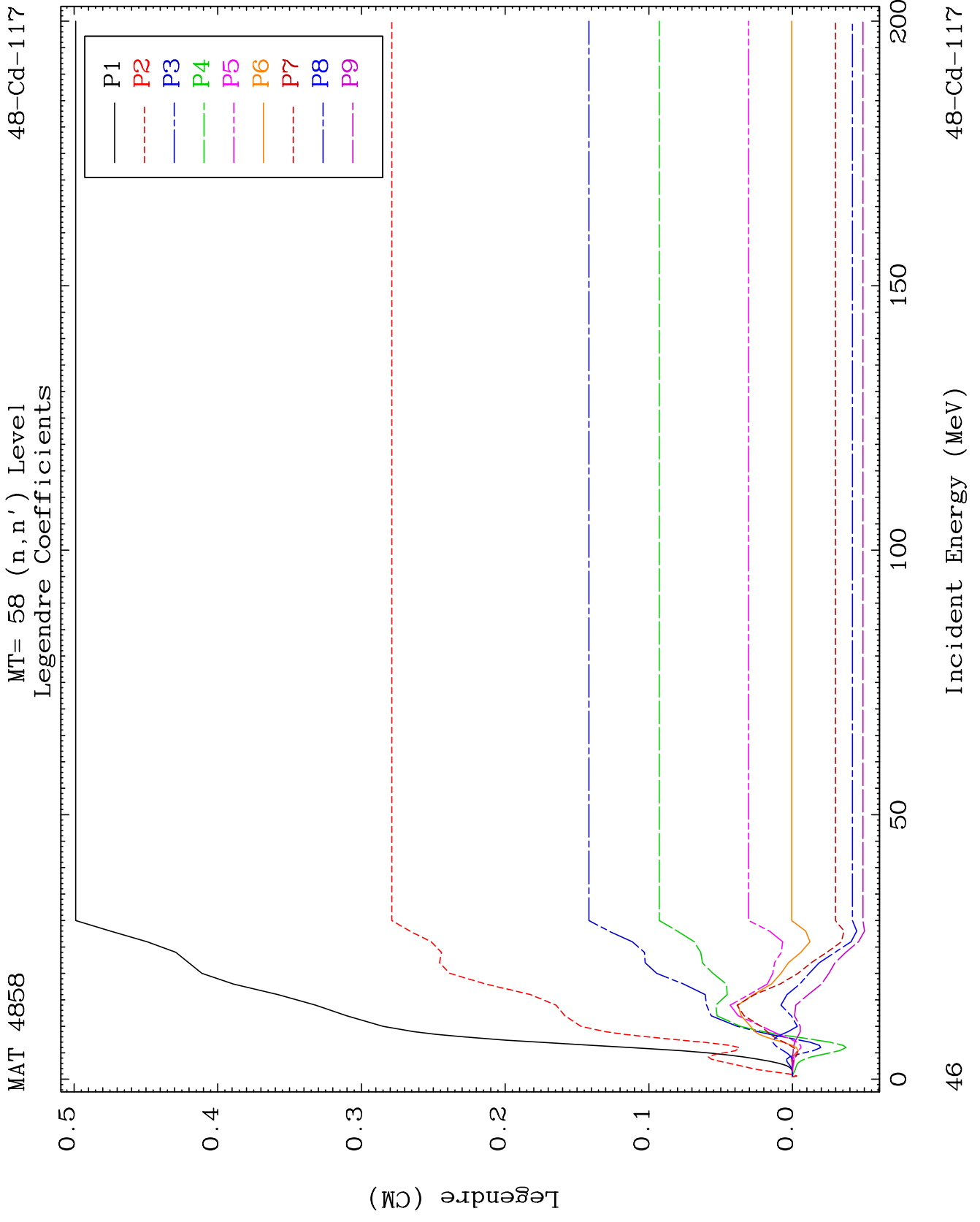
48-Cd-117

MAT 4858

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

48-Cd-117

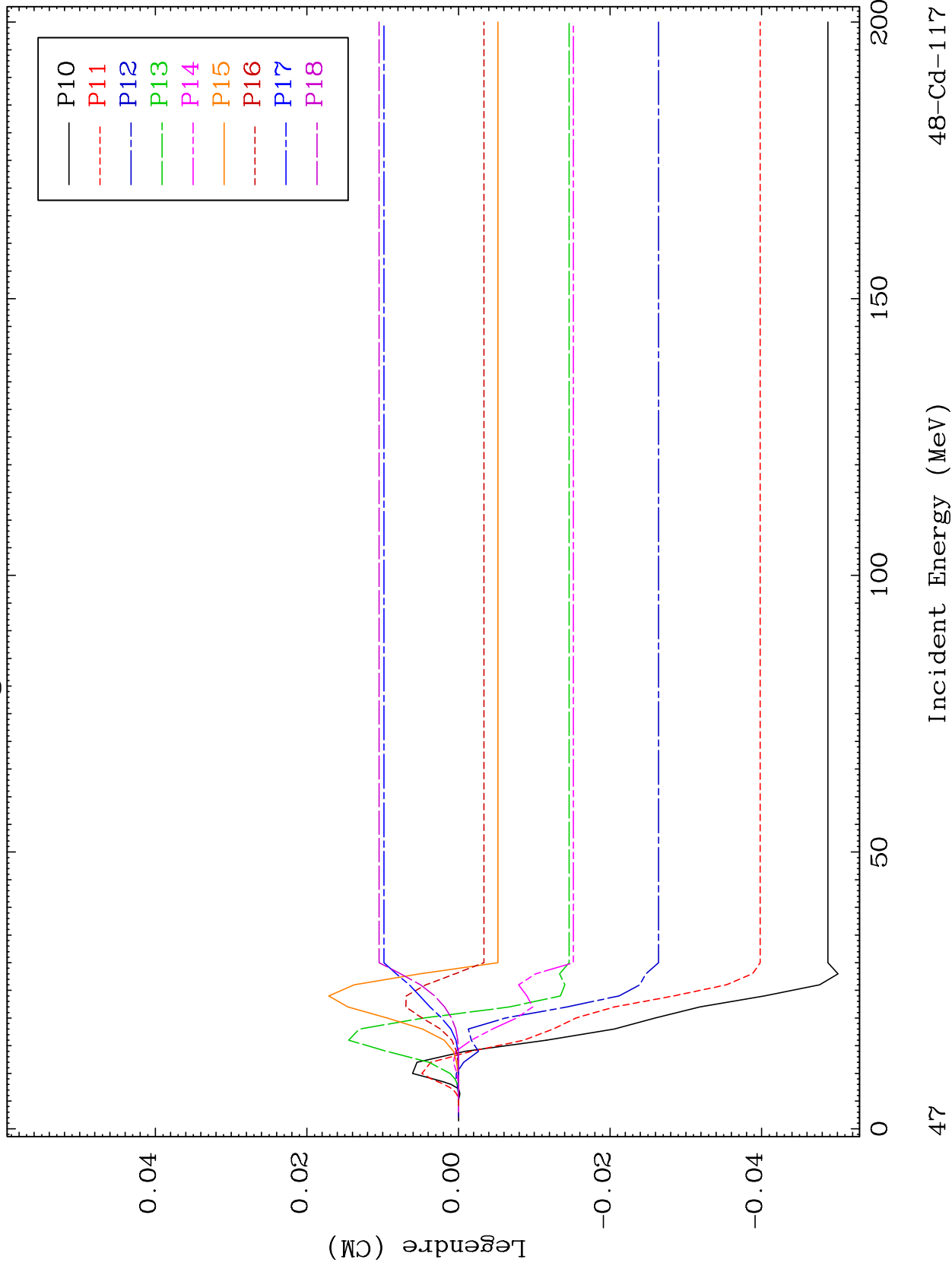




MAT 4858

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

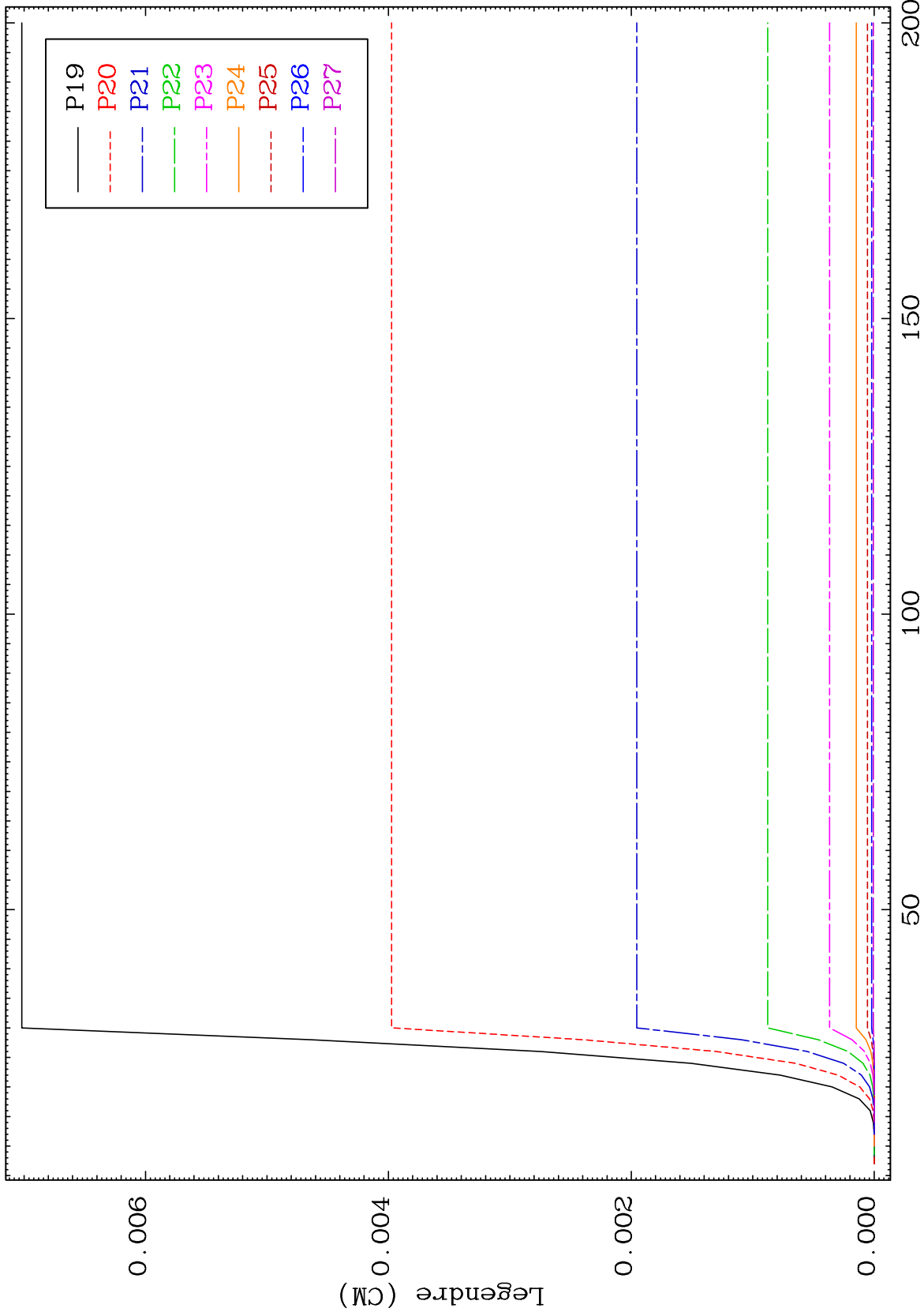
48-Cd-117



MAT 4858

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

48-Cd-117



48

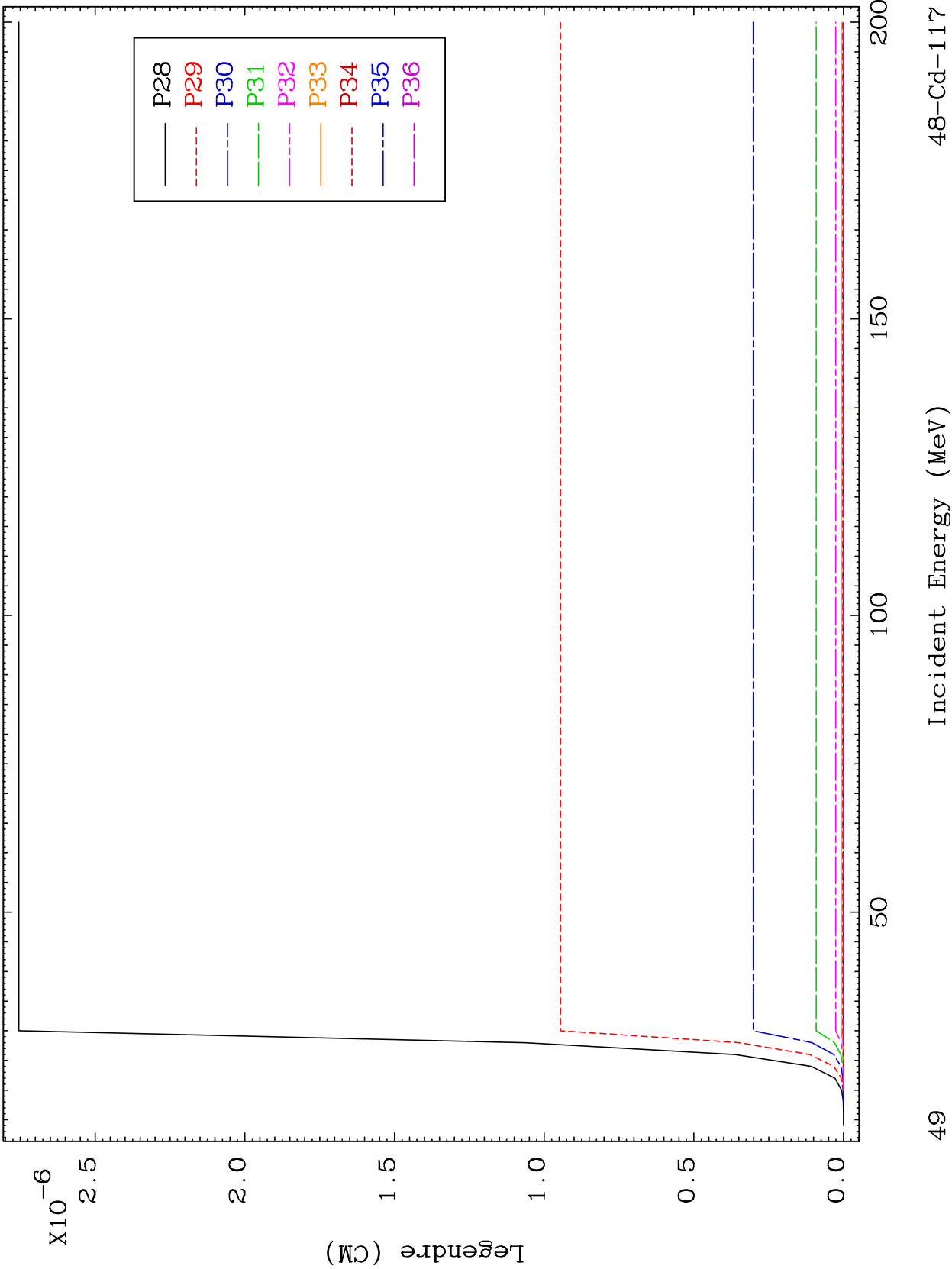
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

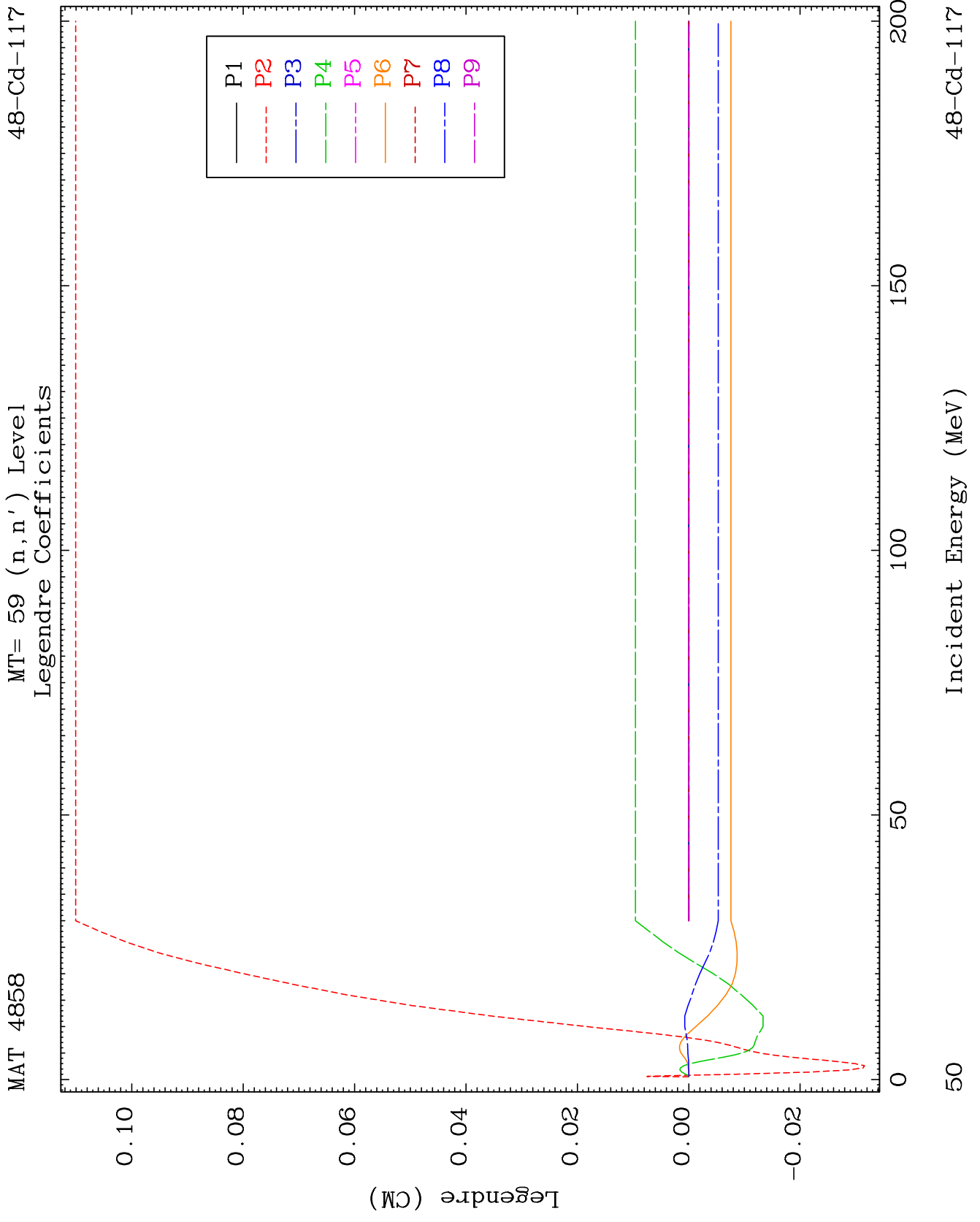
48-Cd-117



49

Incident Energy (MeV)

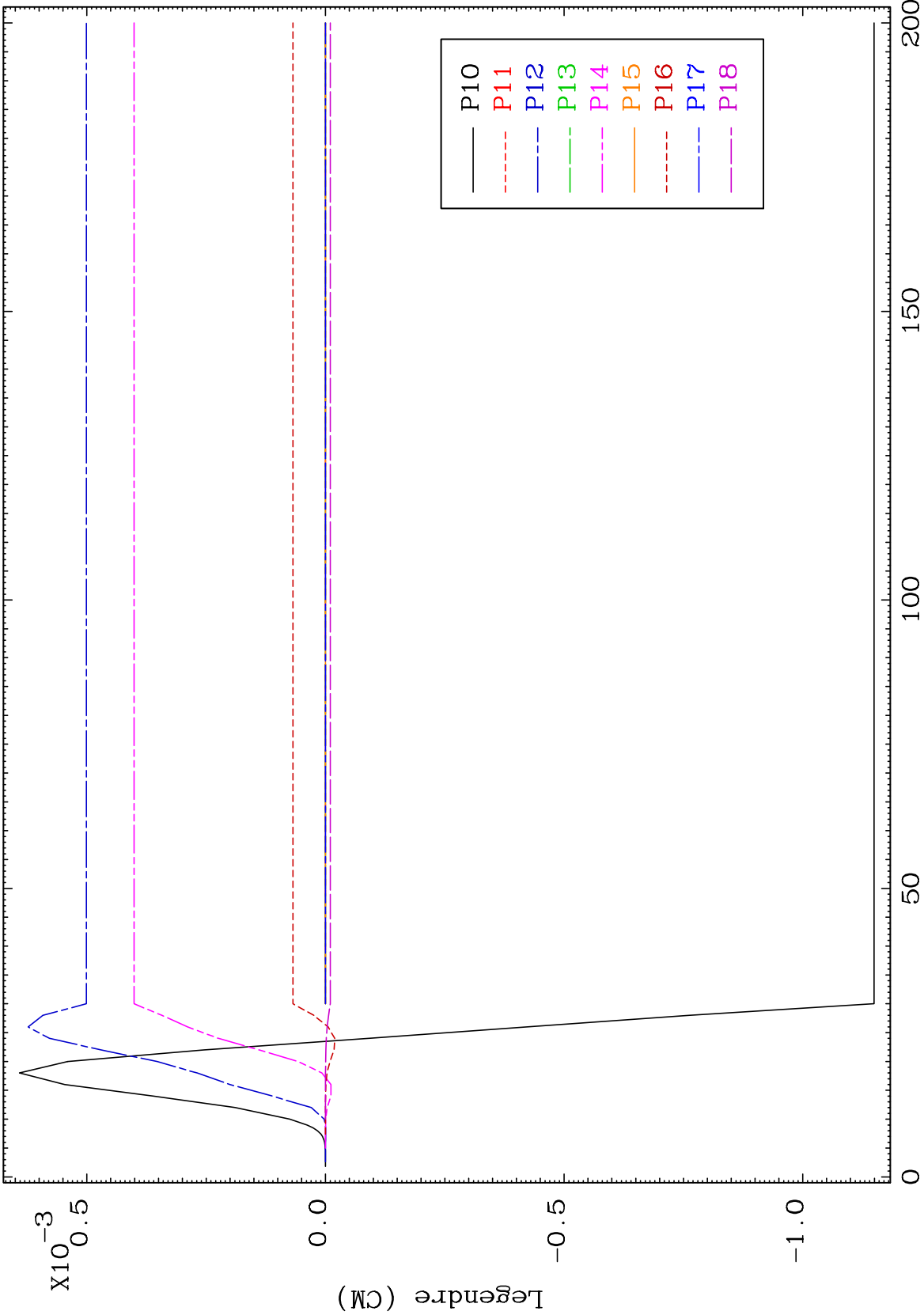
48-Cd-117



MAT 4858

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

48-Cd-117



51

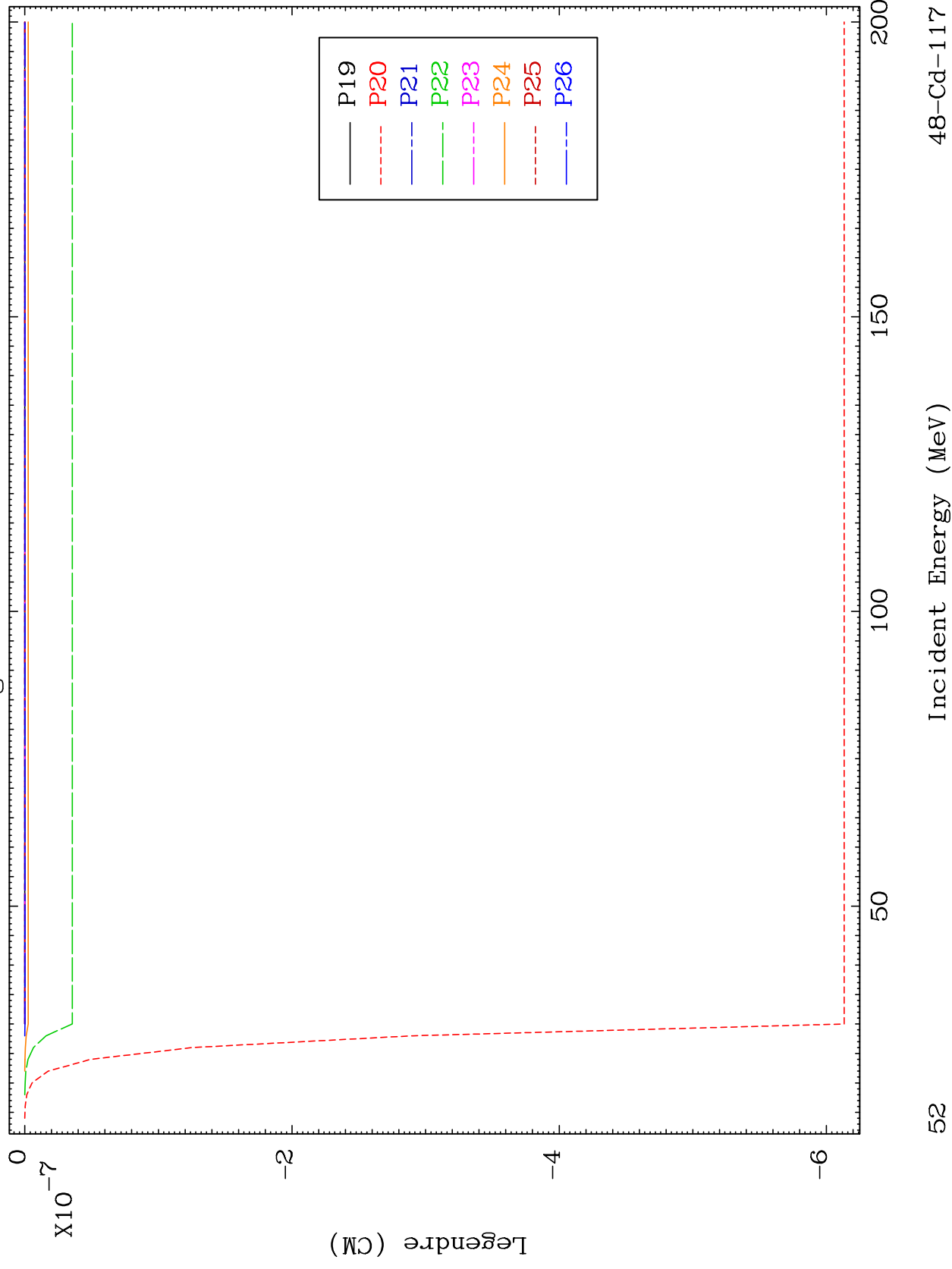
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



52

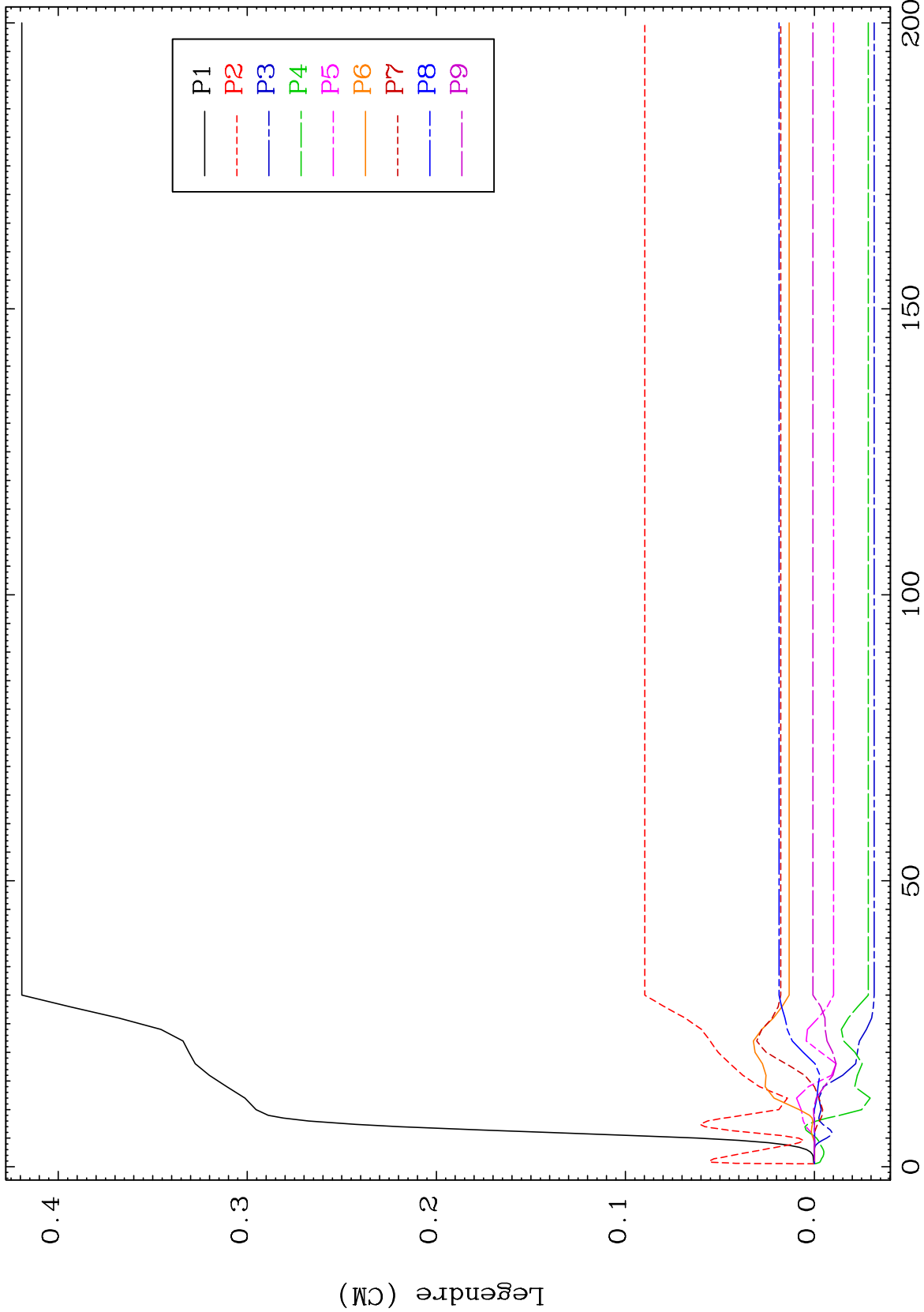
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



53

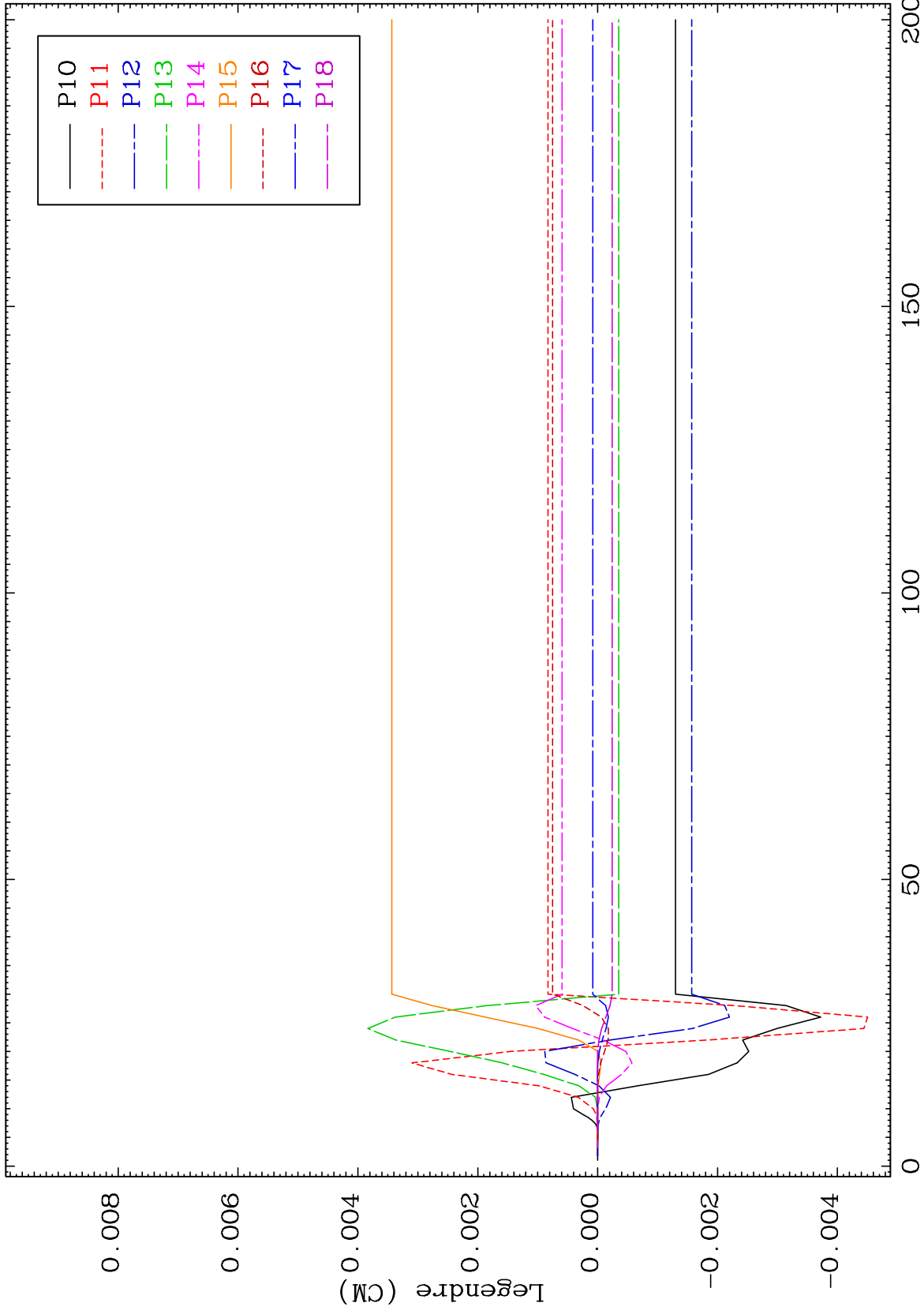
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

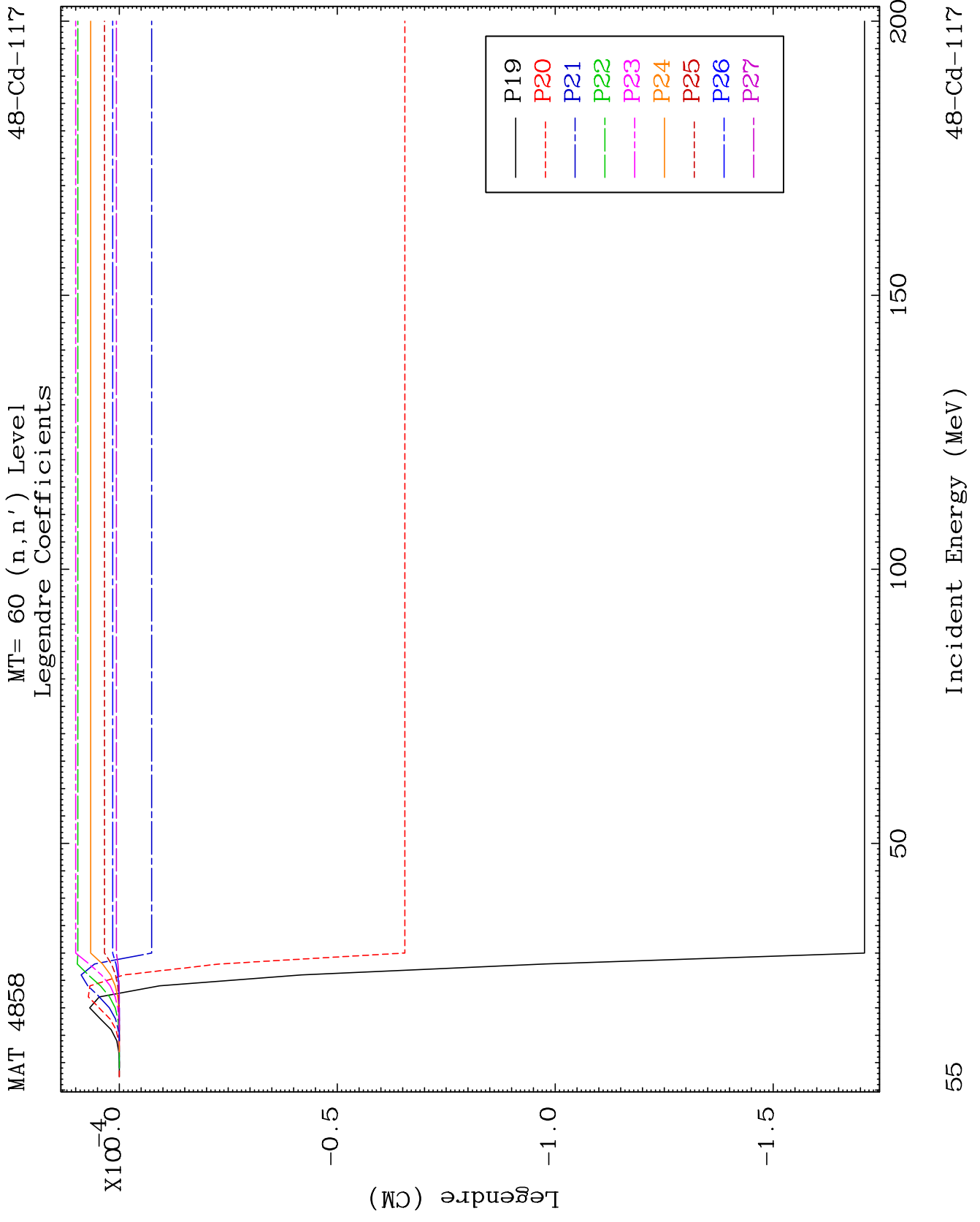
48-Cd-117



54

Incident Energy (MeV)

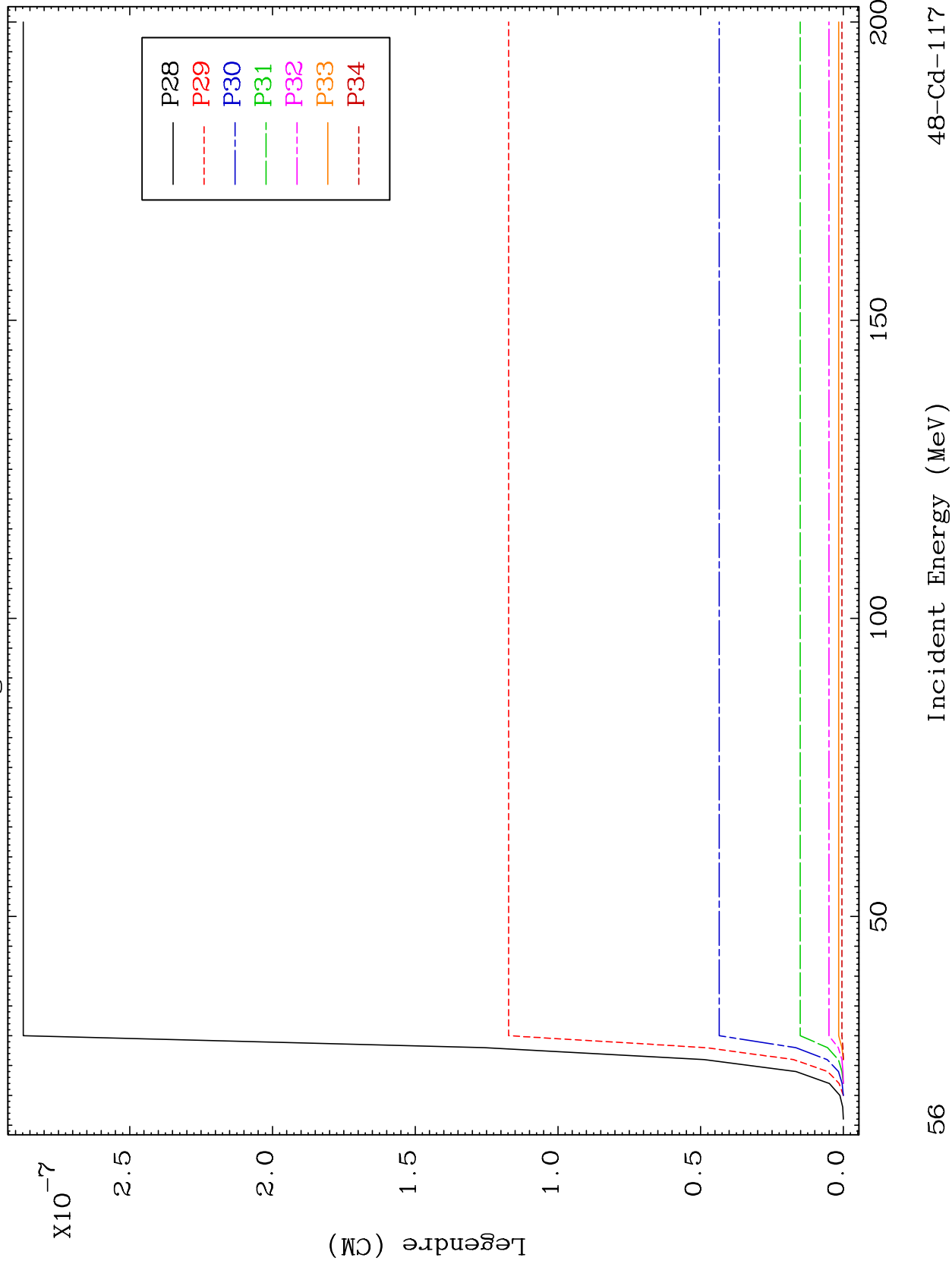
48-Cd-117



MAT 4858

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

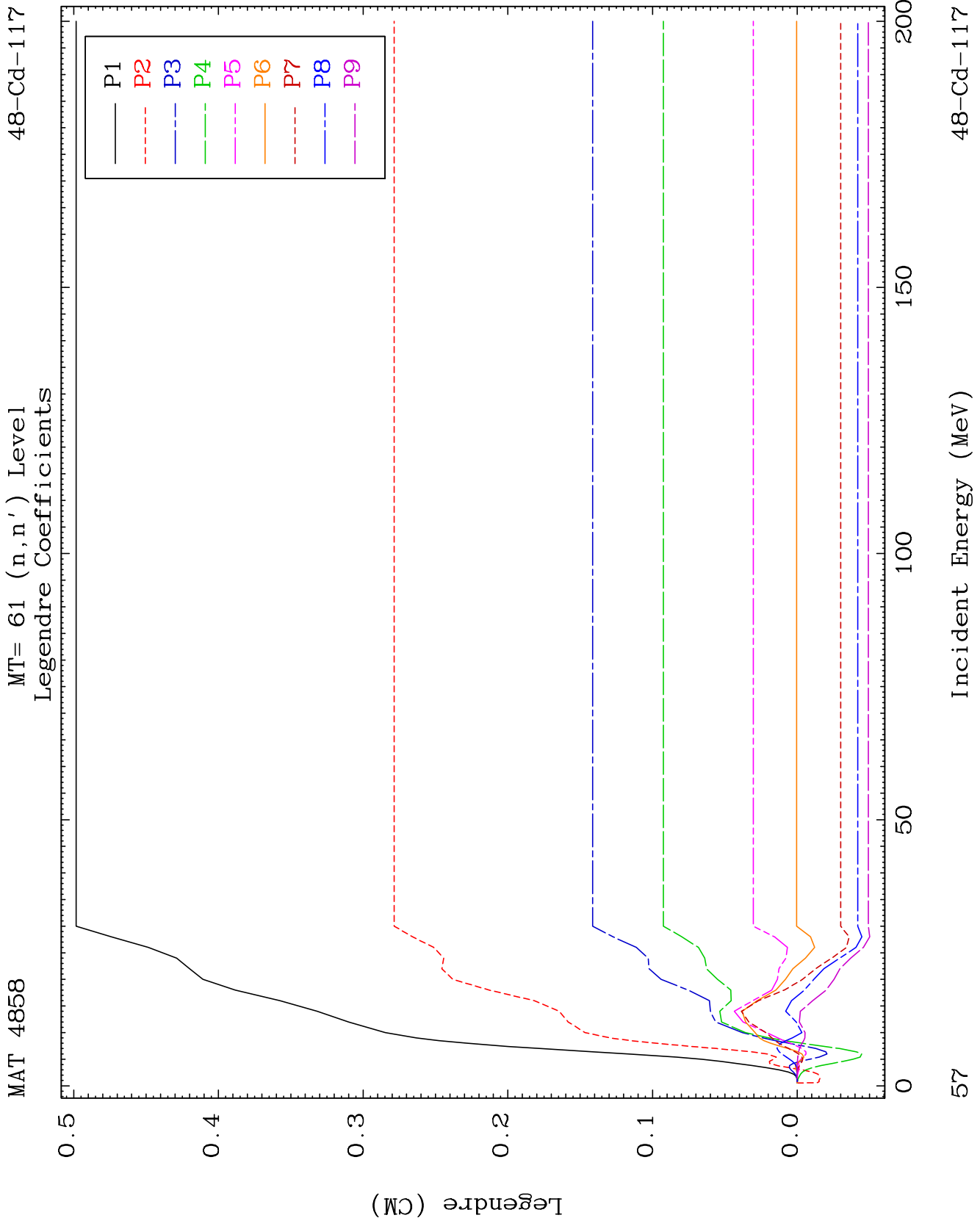
48-Cd-117



56

Incident Energy (MeV)

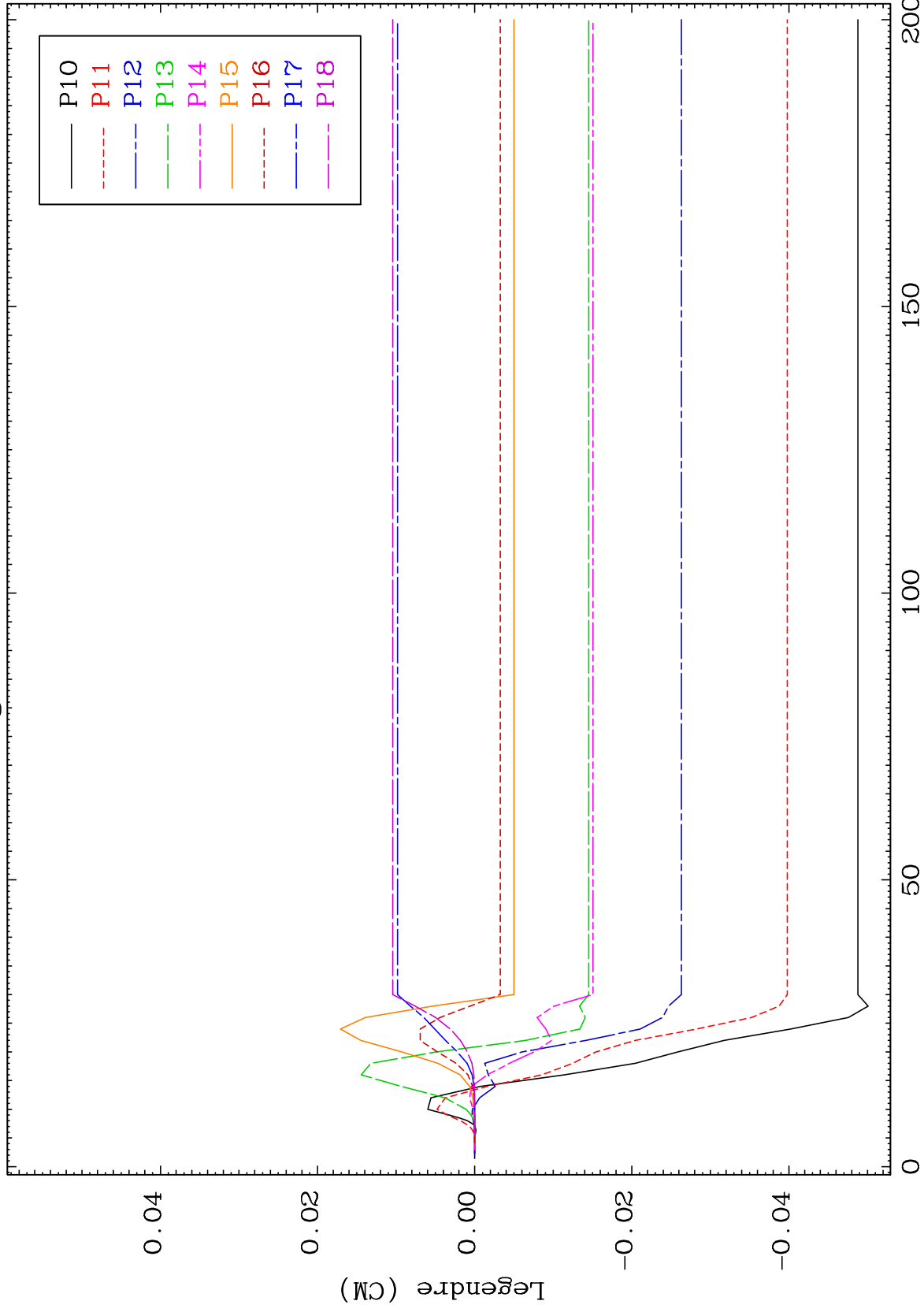
48-Cd-117



MAT 4858

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

48-Cd-117



58

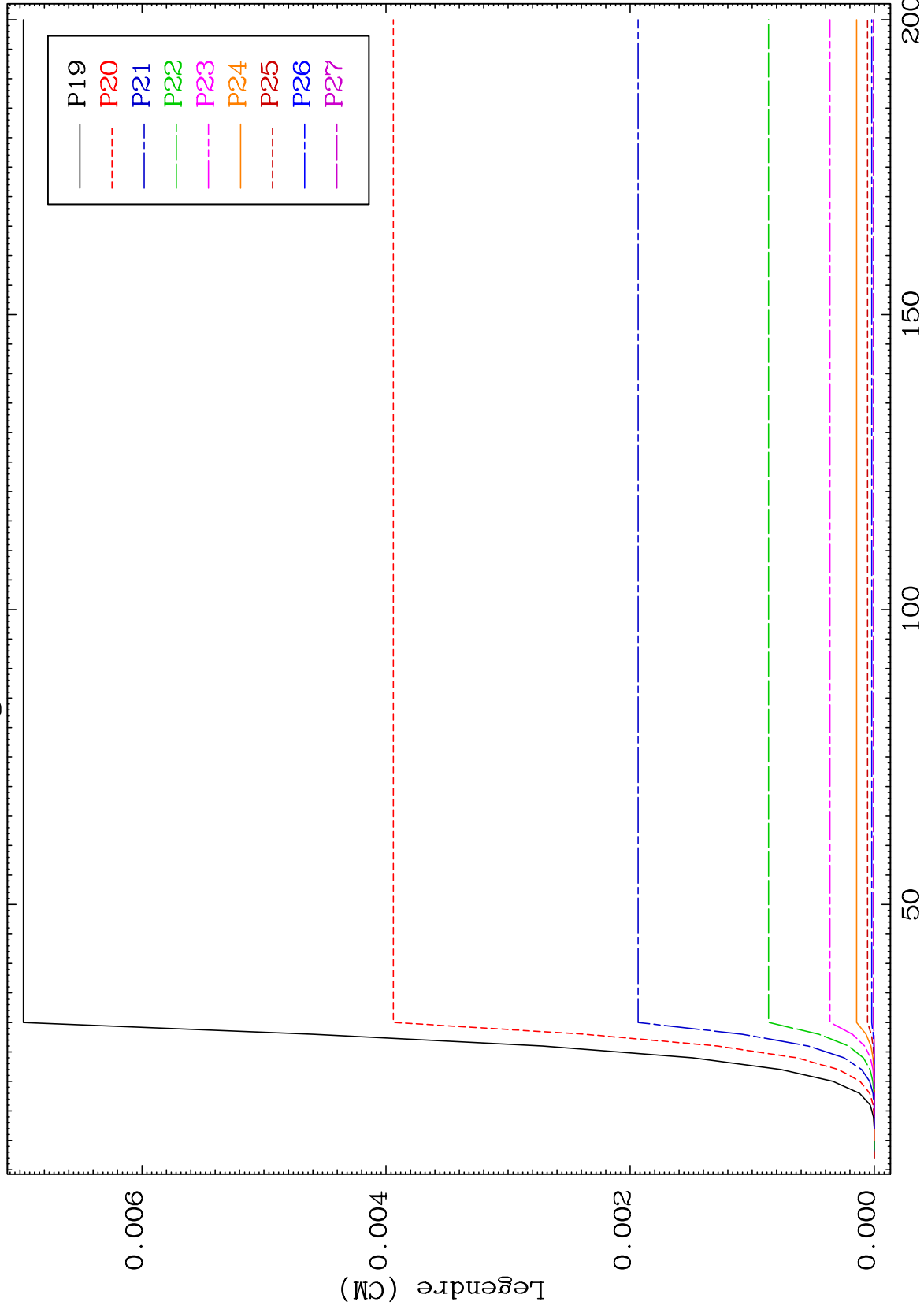
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



59

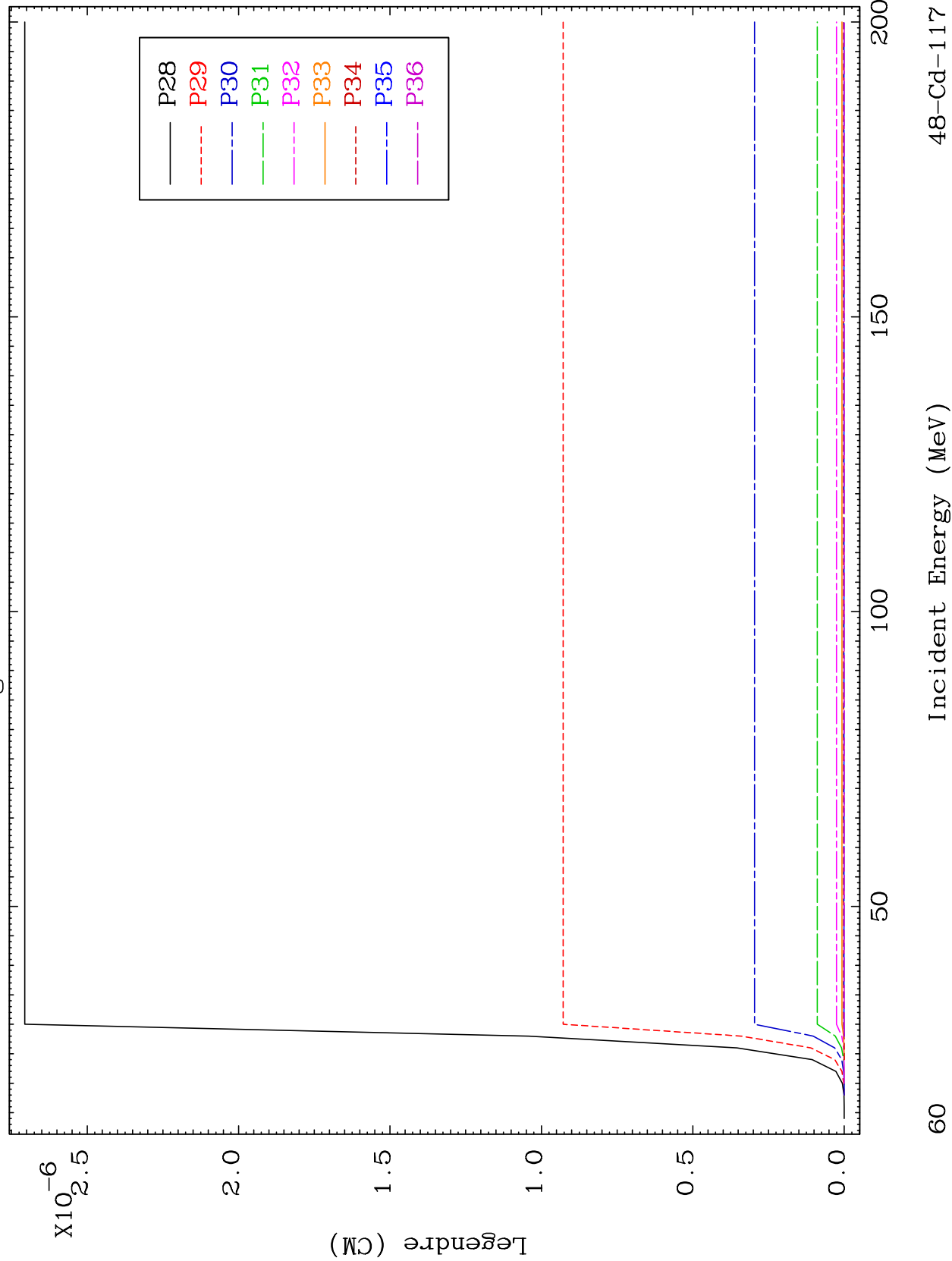
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

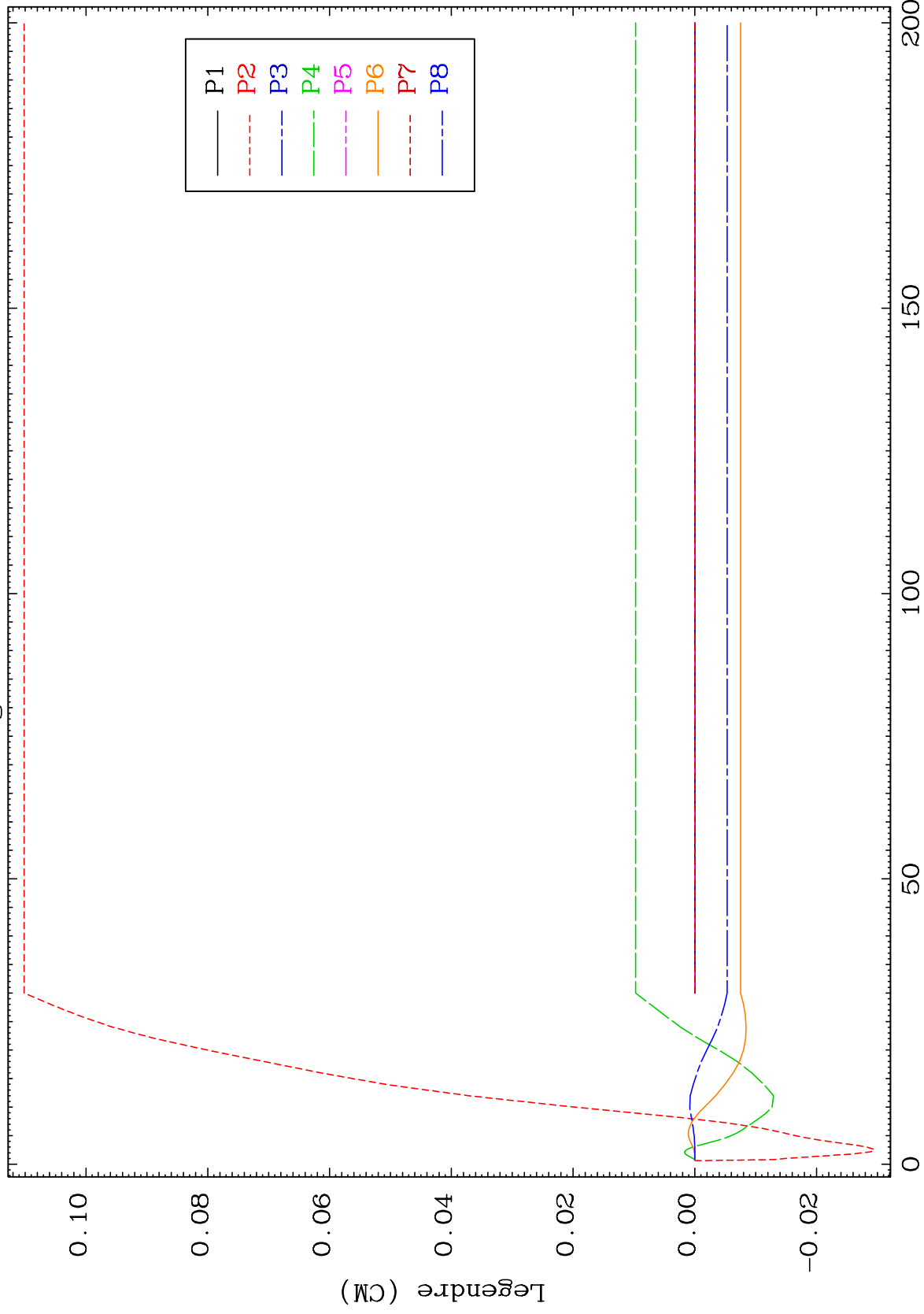
48-Cd-117



MAT 4858

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

48-Cd-117



48-Cd-117

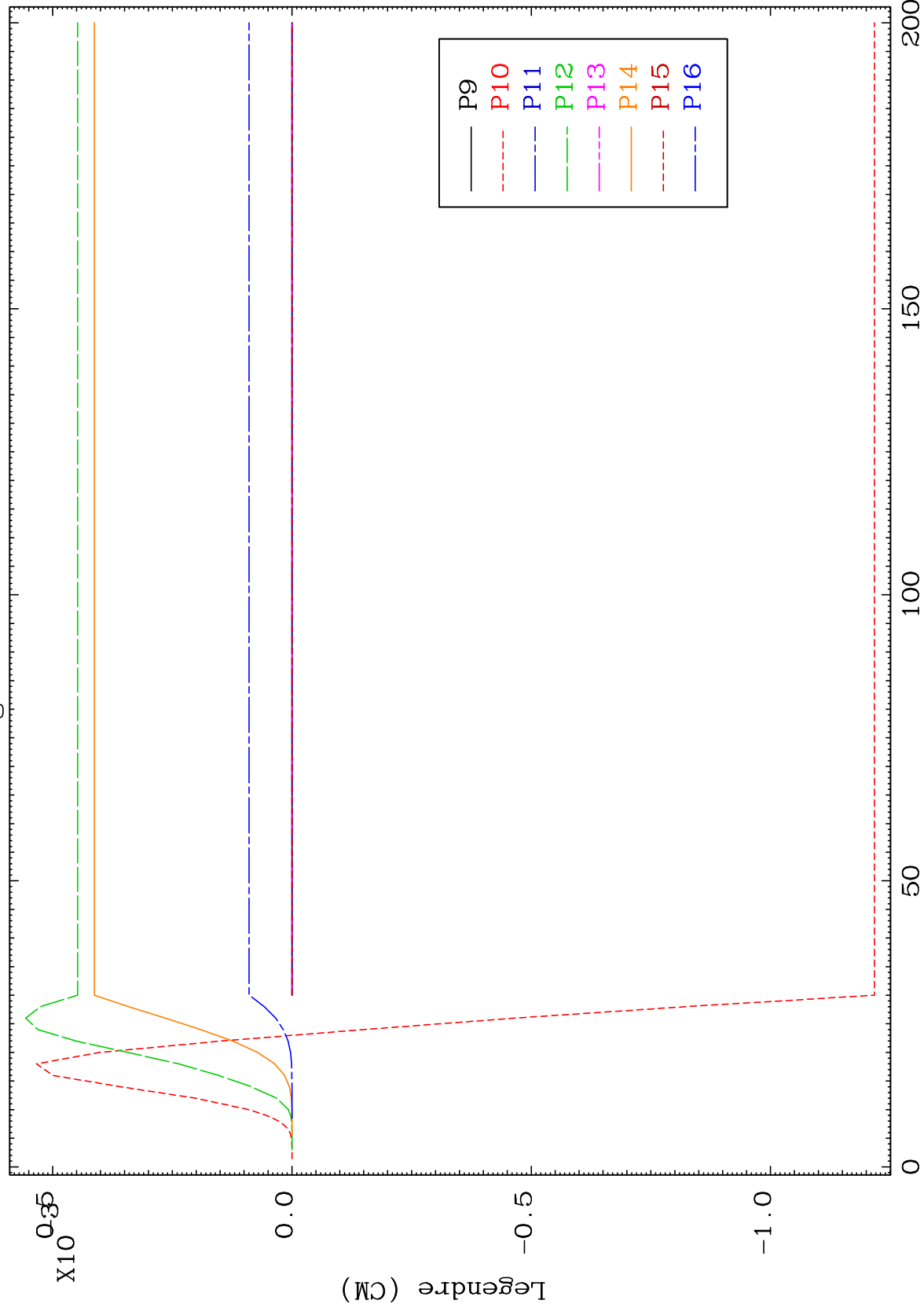
Incident Energy (MeV)

61

MAT 4858

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

48-Cd-117



62

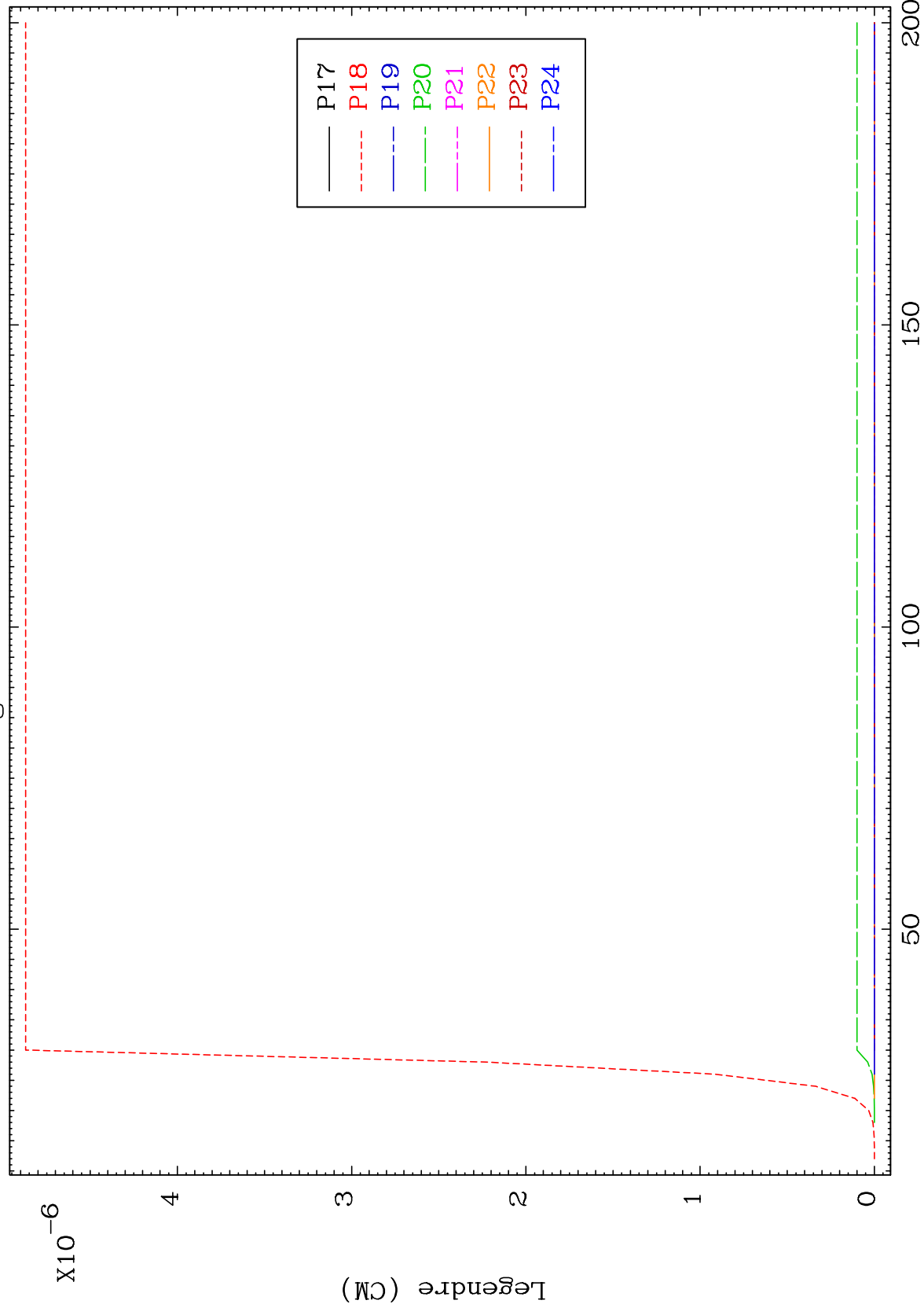
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



63

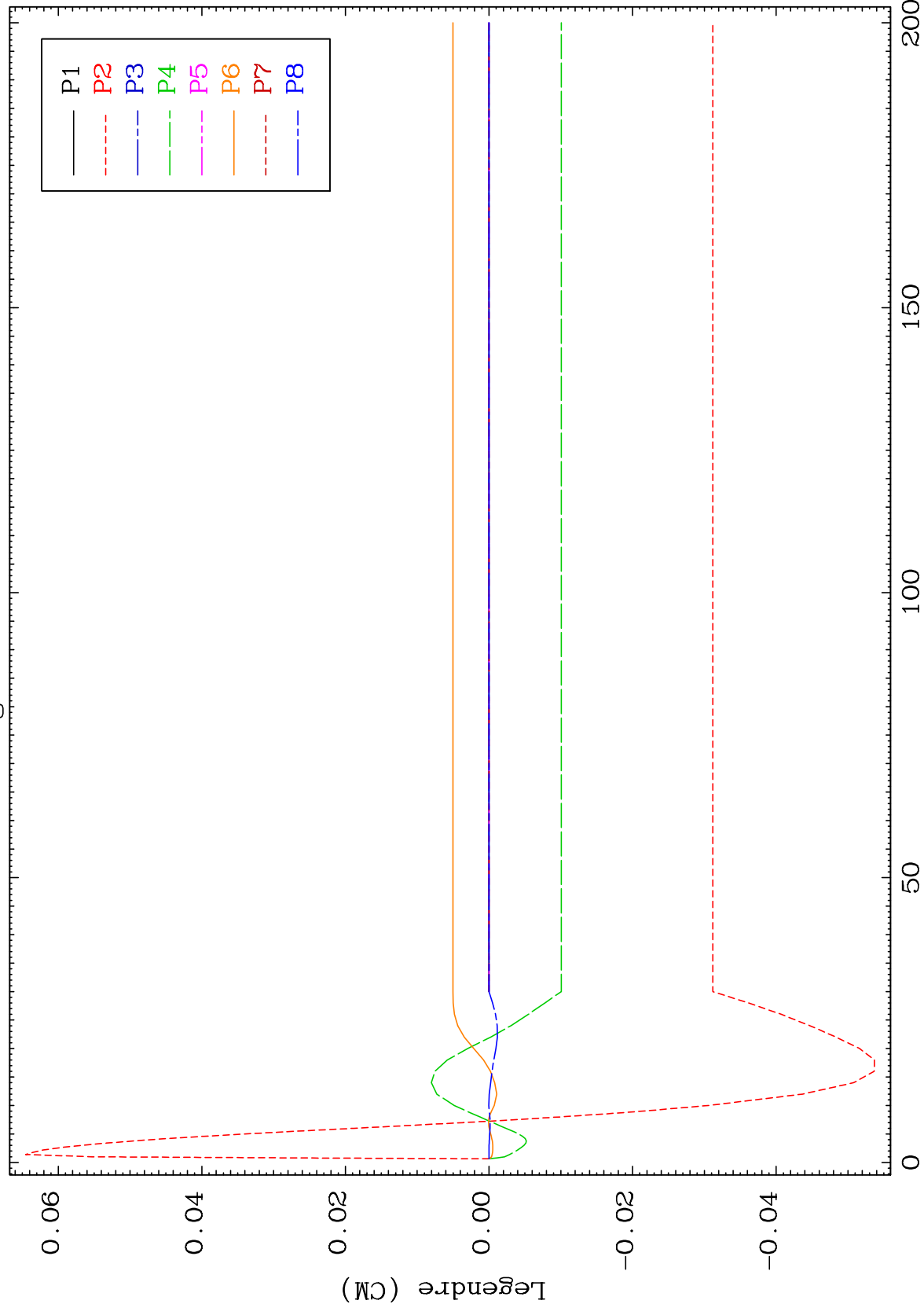
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

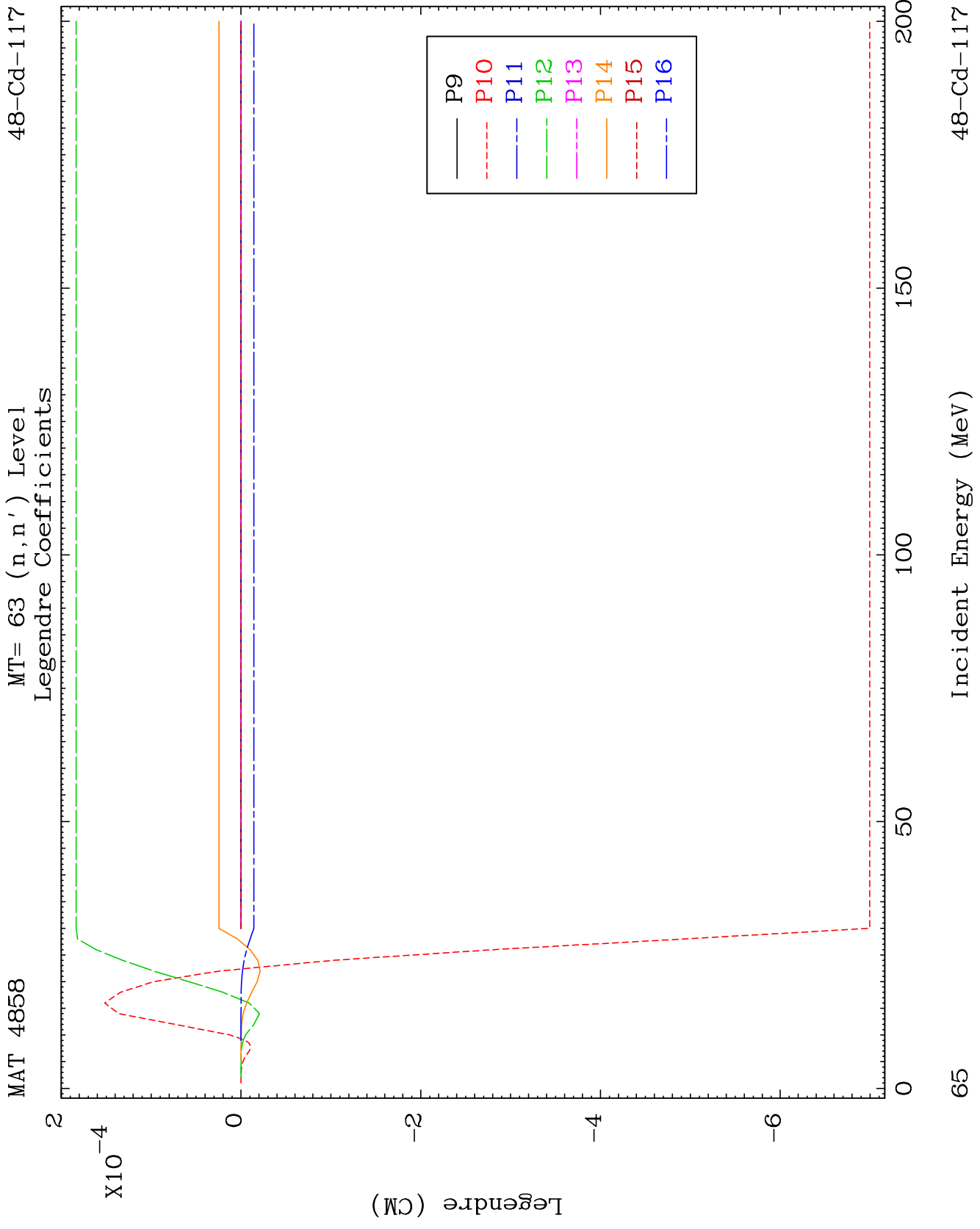
48-Cd-117

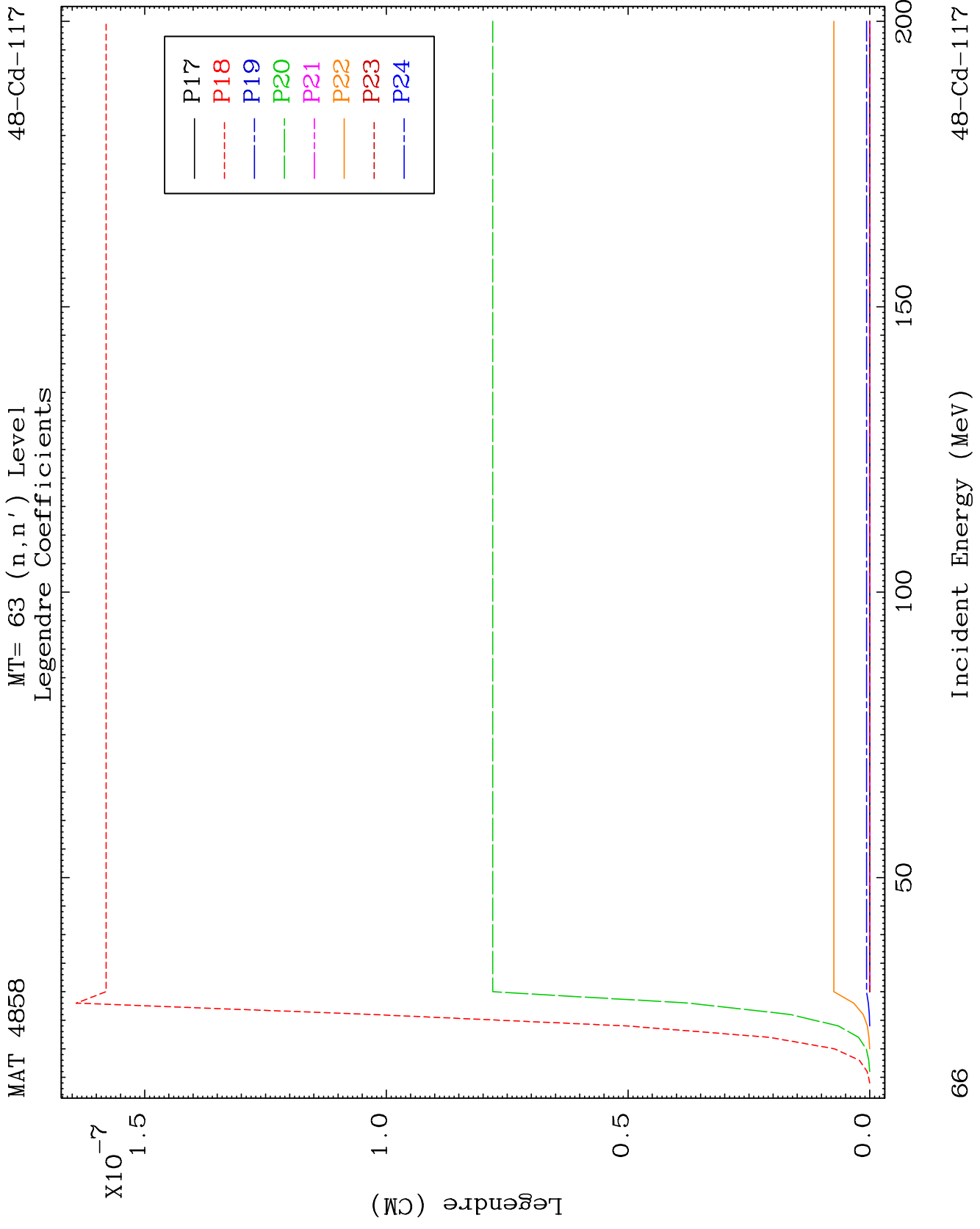


48-Cd-117

Incident Energy (MeV)

64

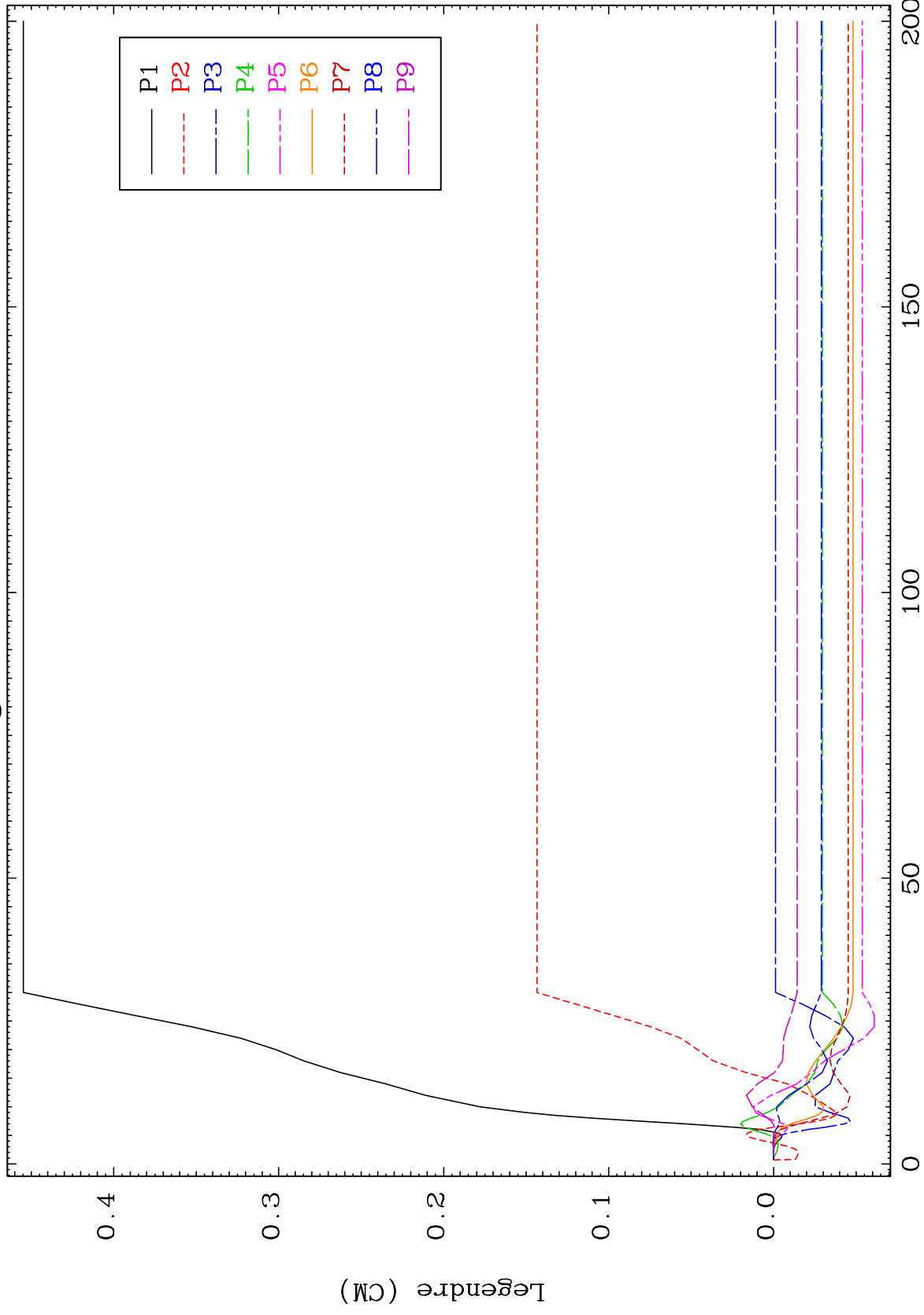




MAT 4858

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

48-Cd-117



67

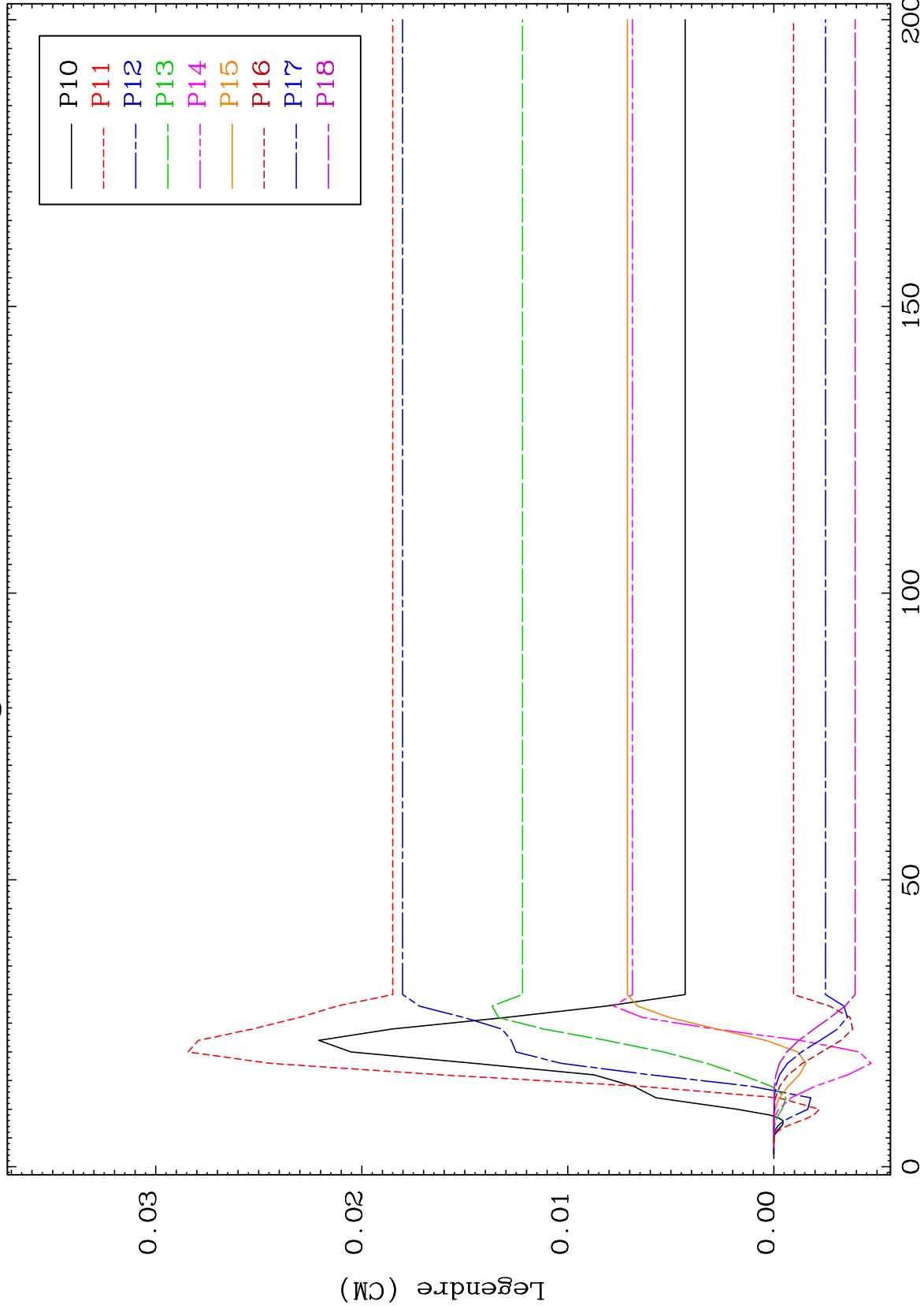
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



68

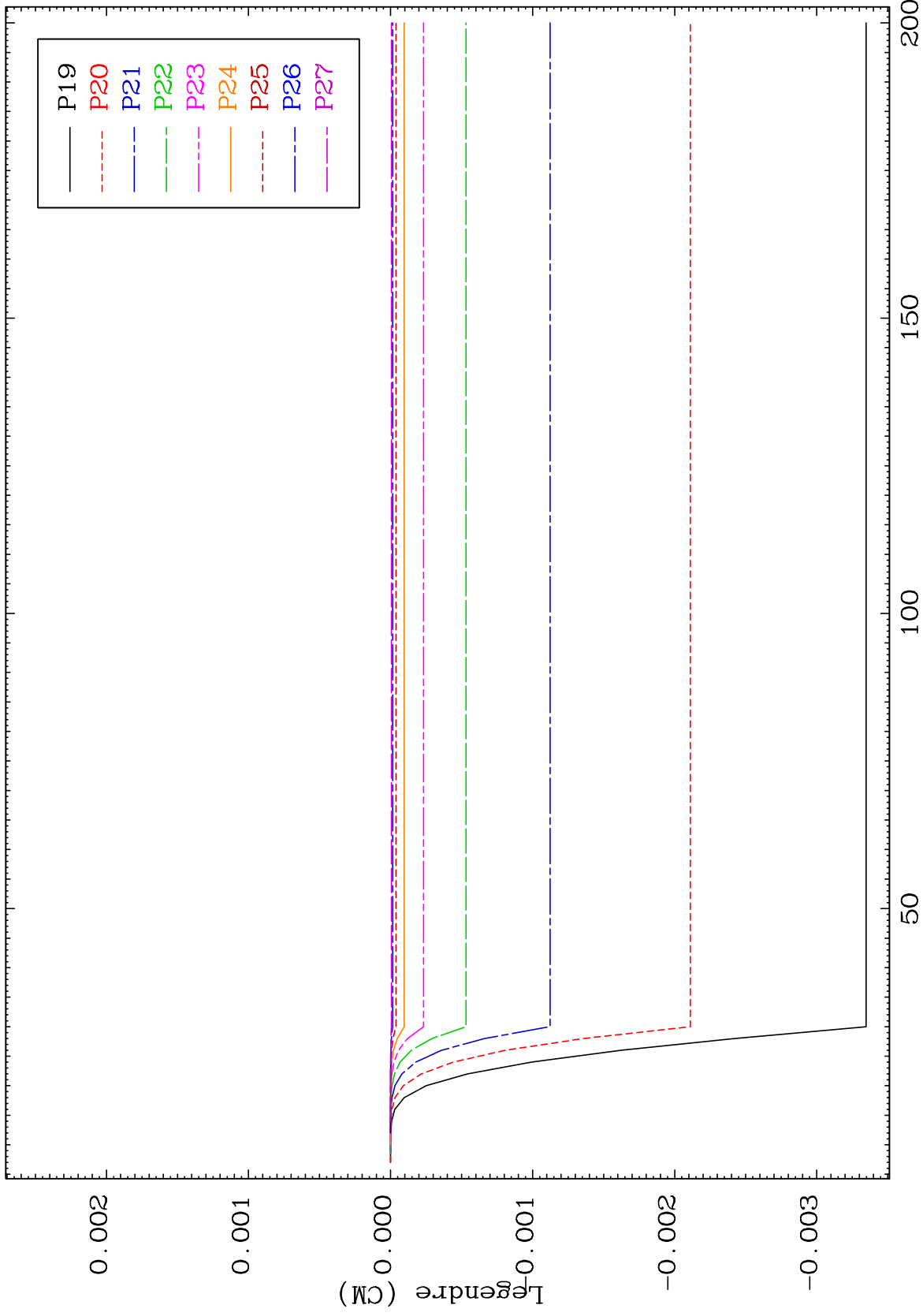
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



69

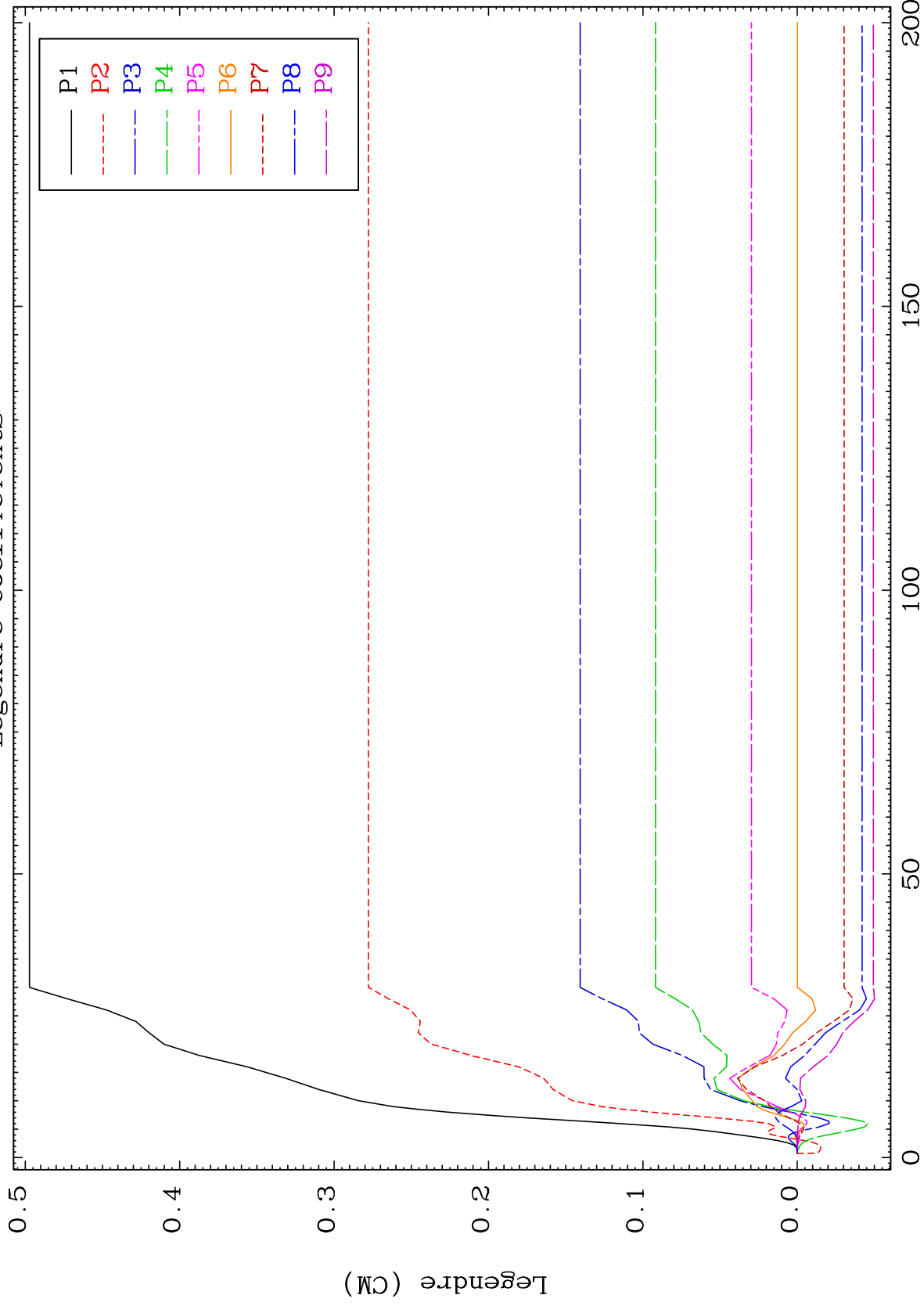
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



71

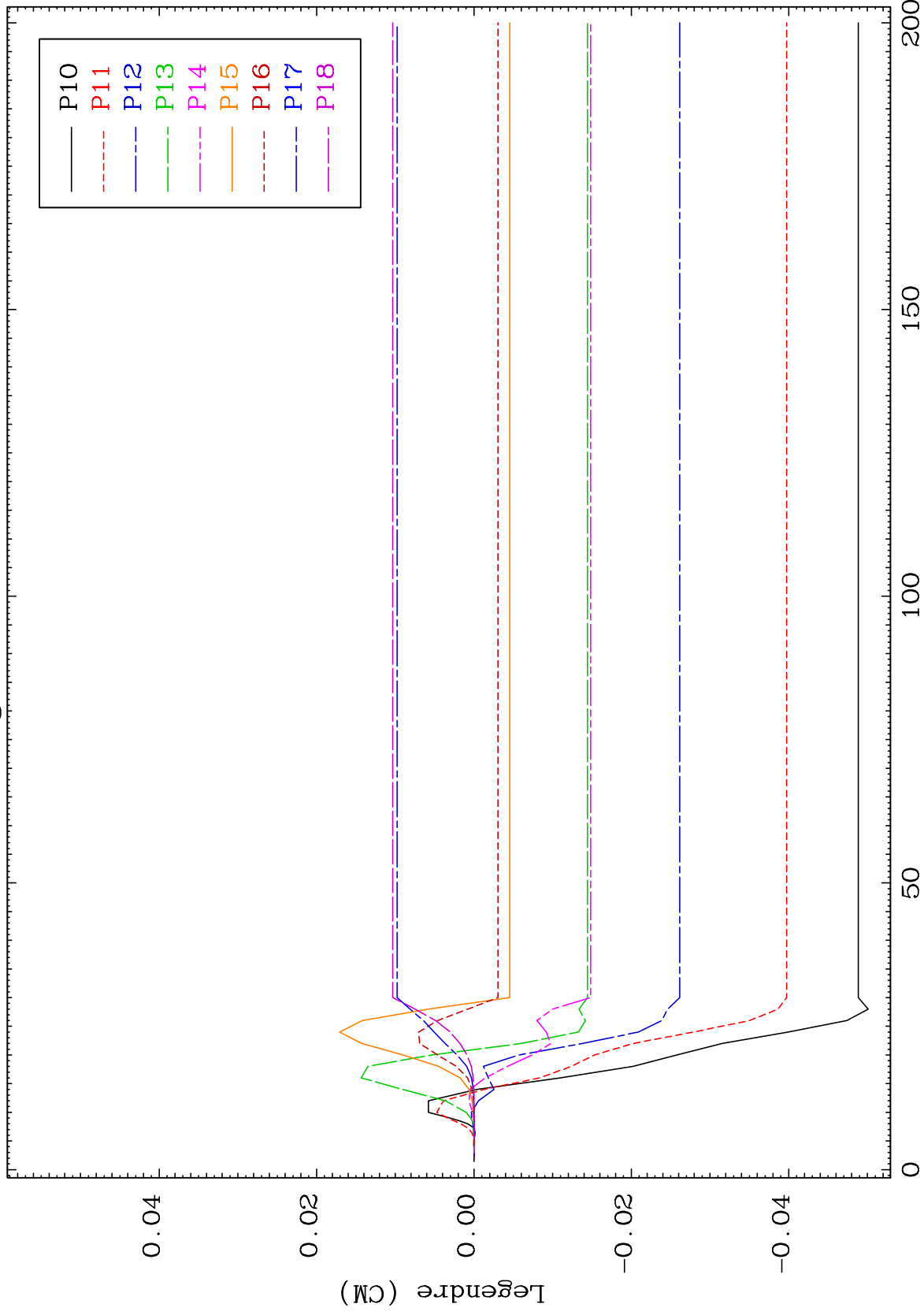
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



72

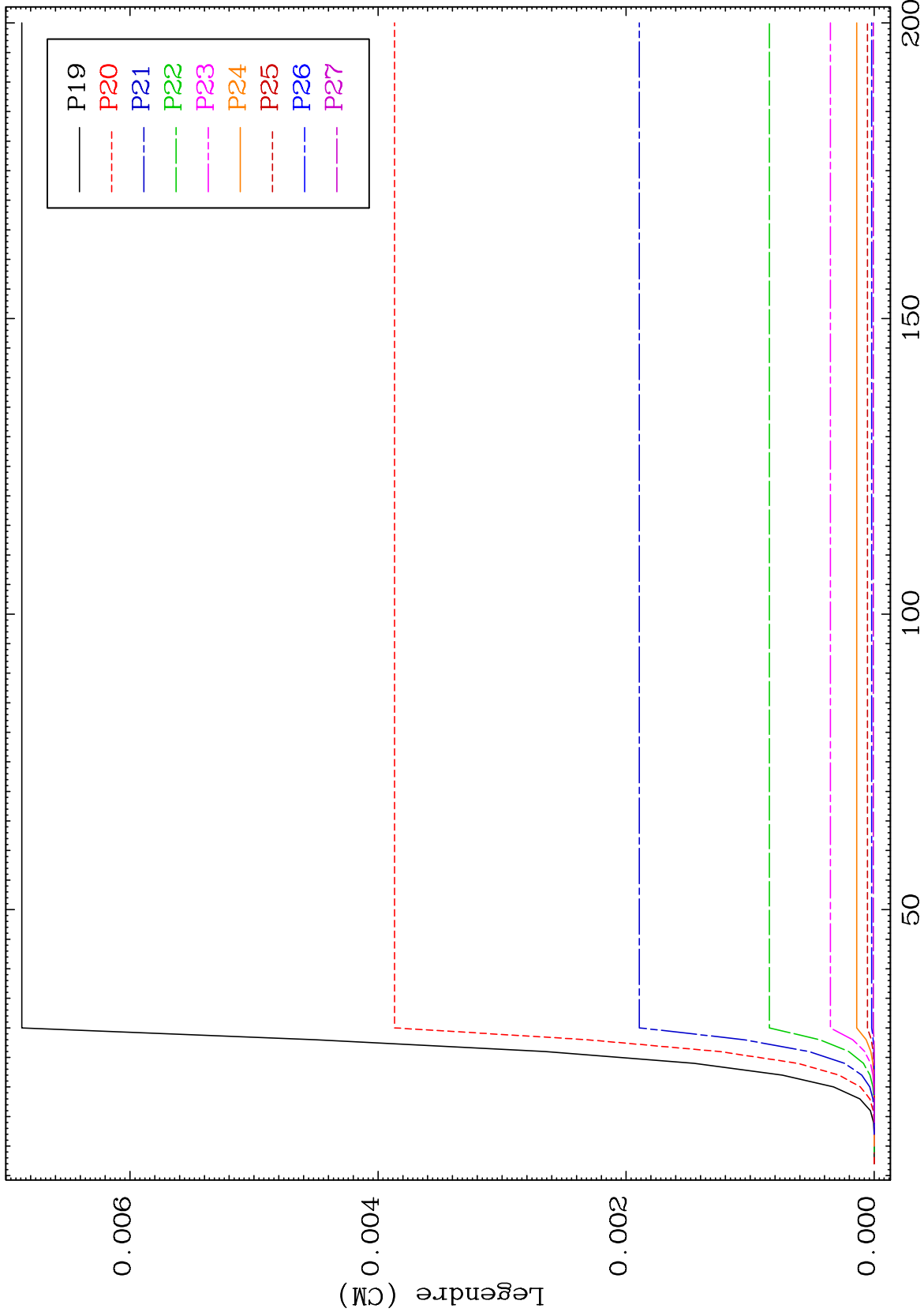
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



73

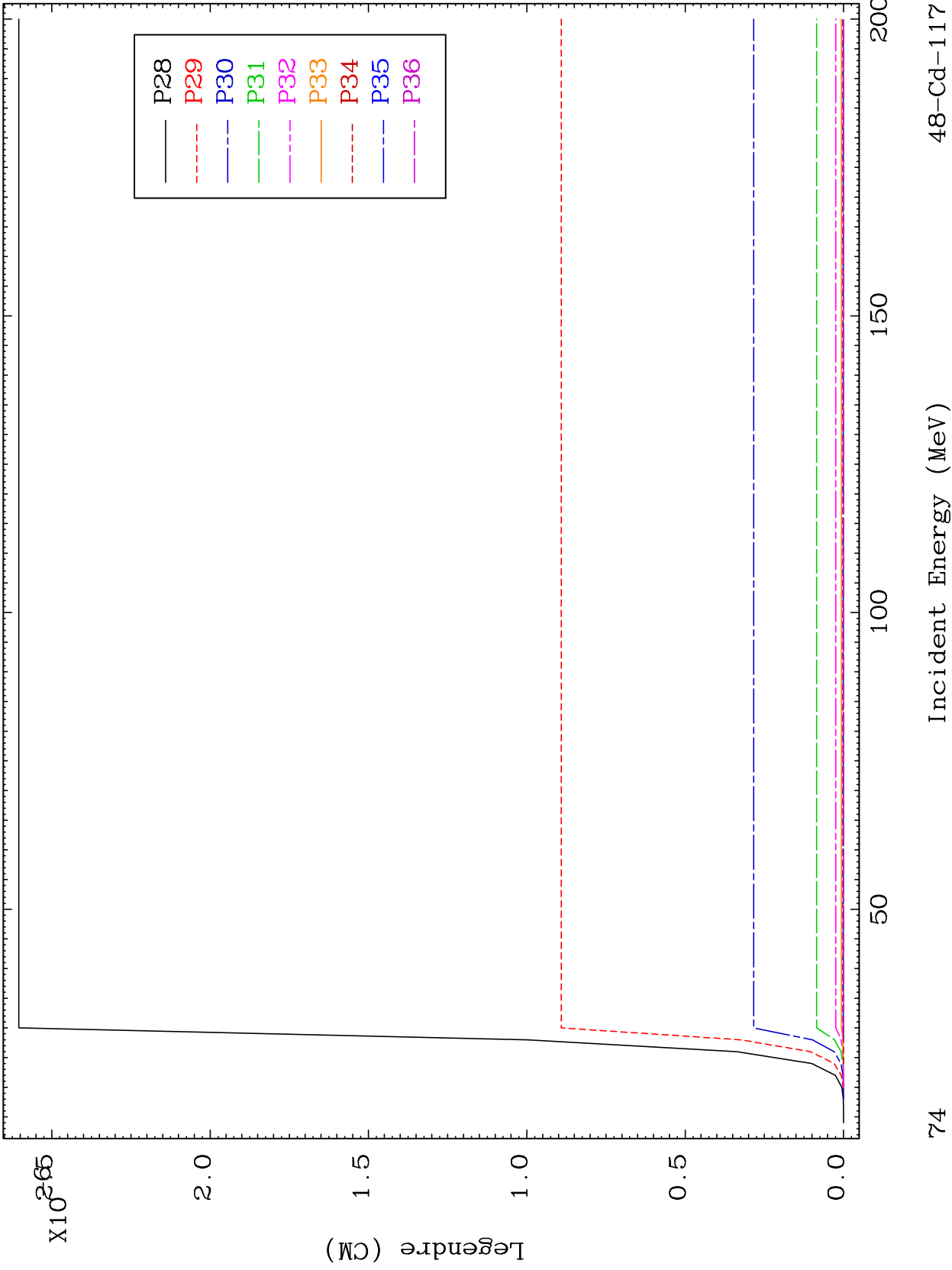
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117

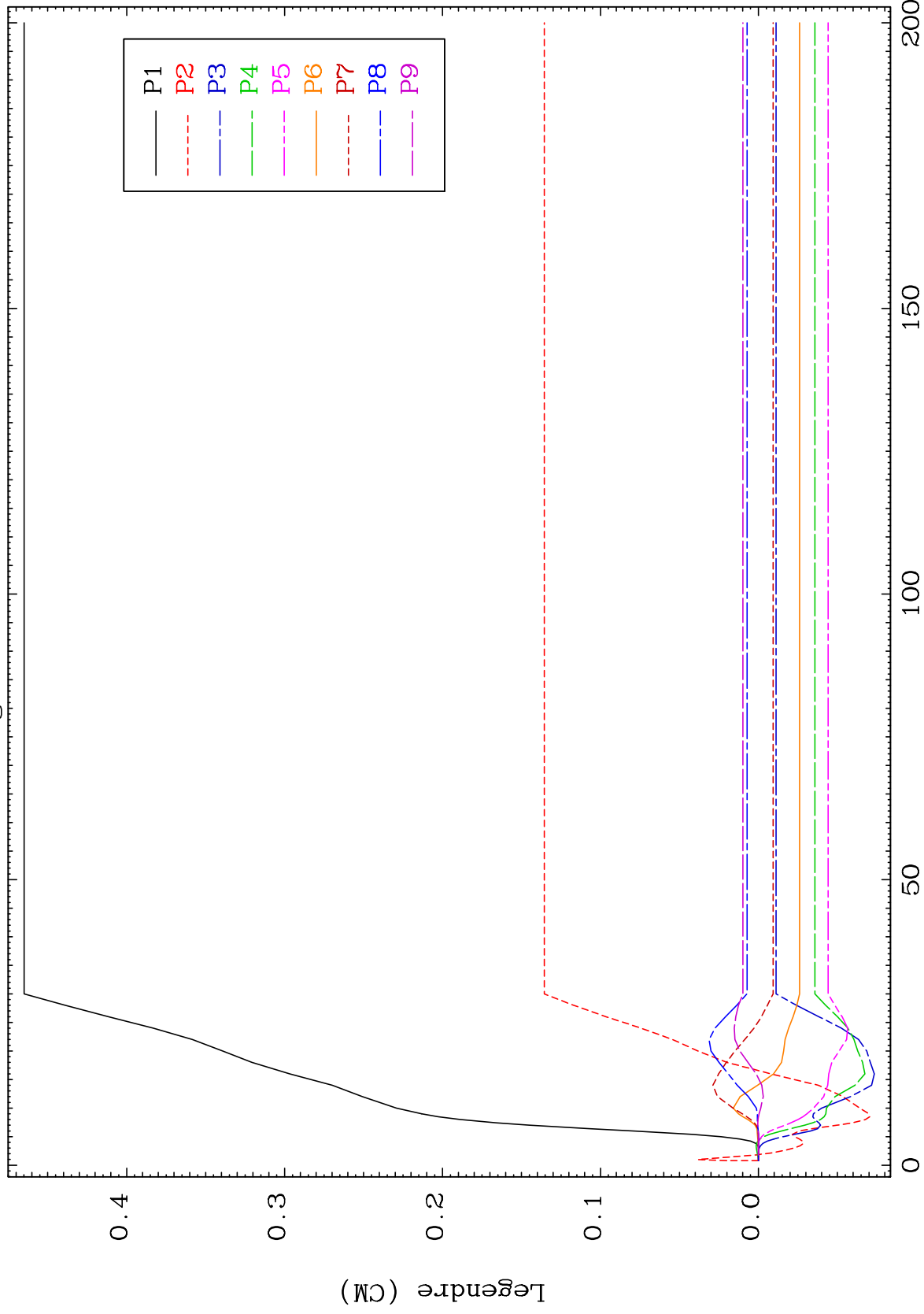


74

MAT 4858

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

48-Cd-117



75

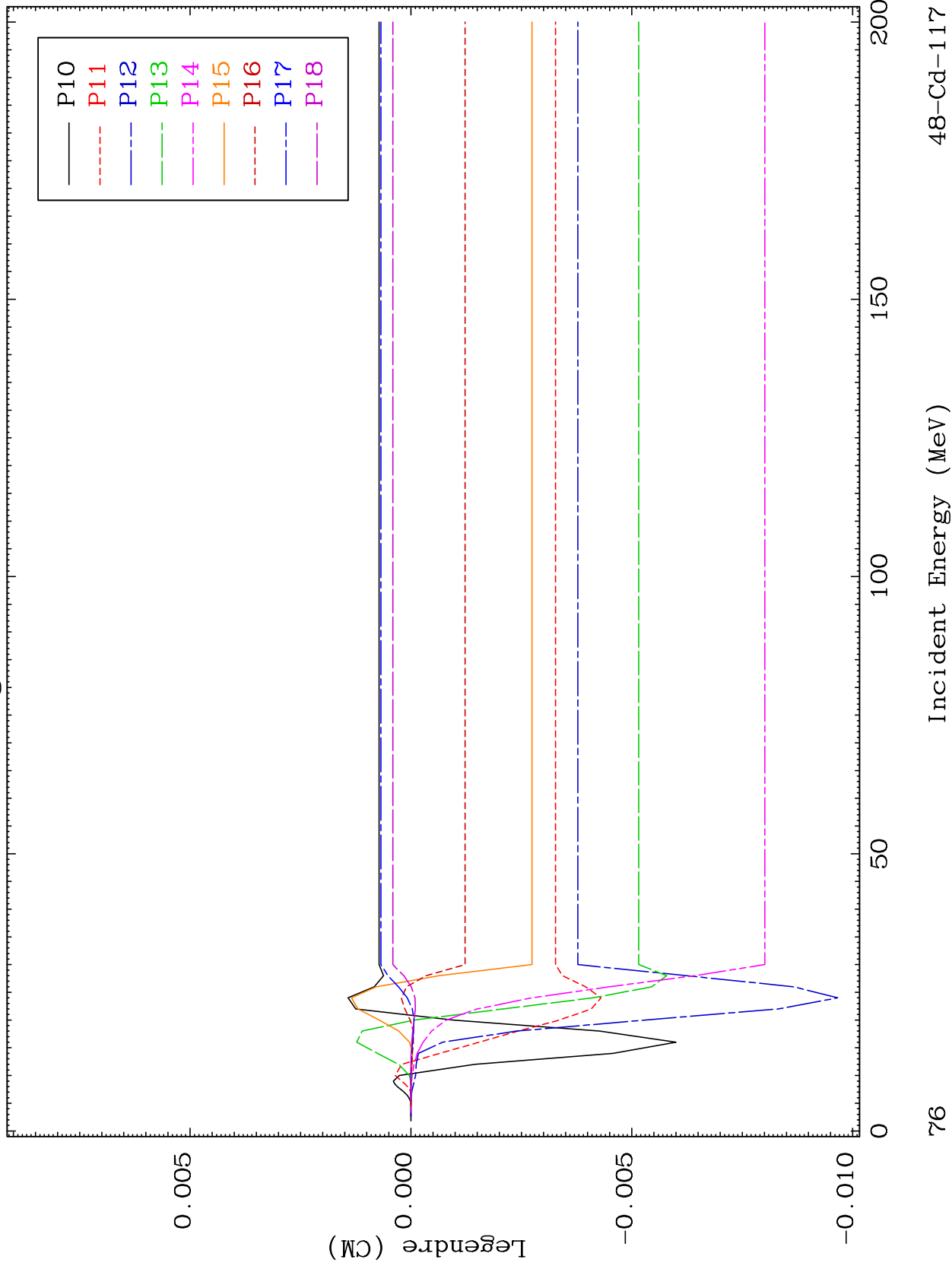
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

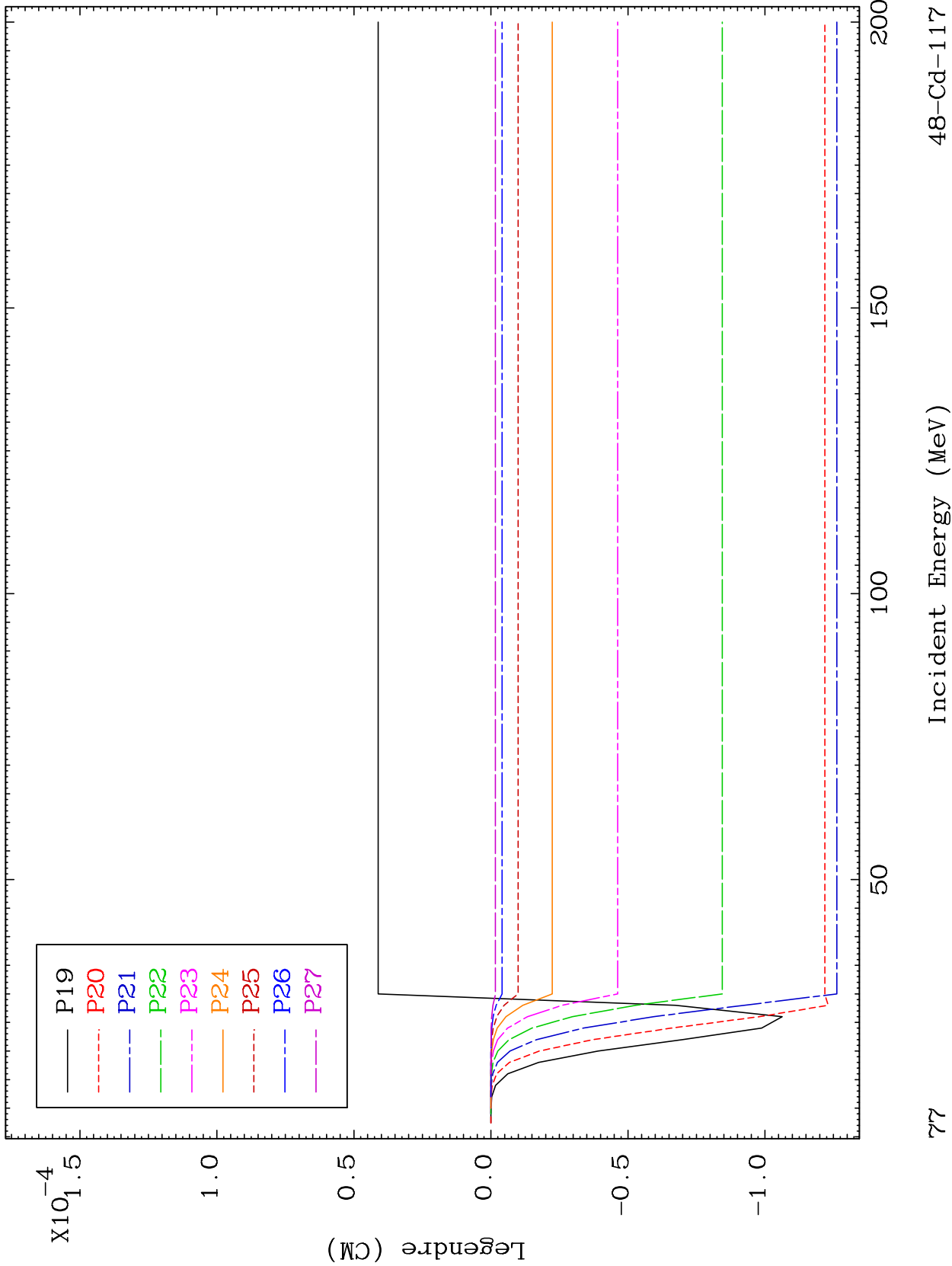
48-Cd-117



48-Cd-117

Incident Energy (MeV)

76

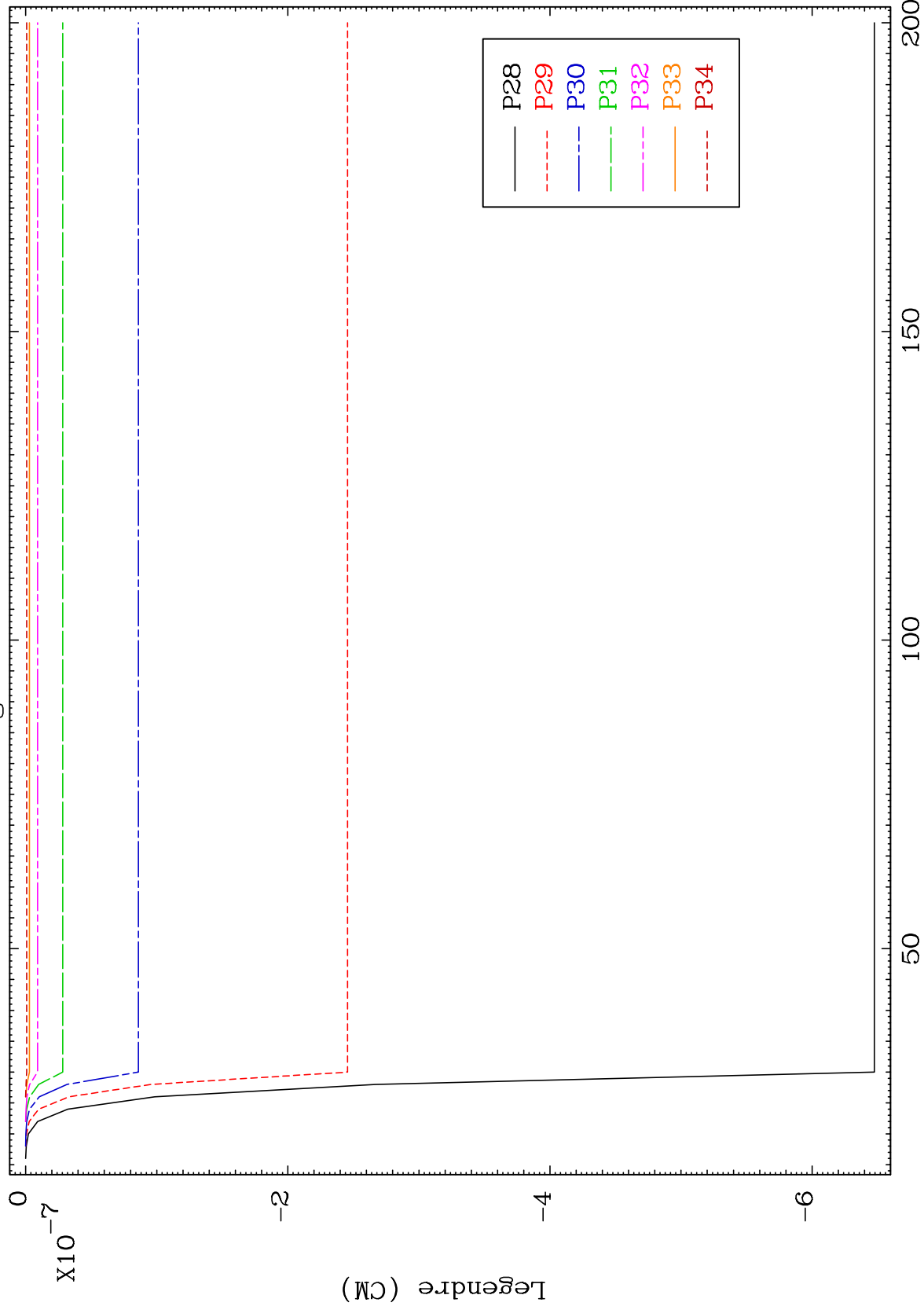


MAT 4858

MT= 66 (n,n') Level

48-Cd-117

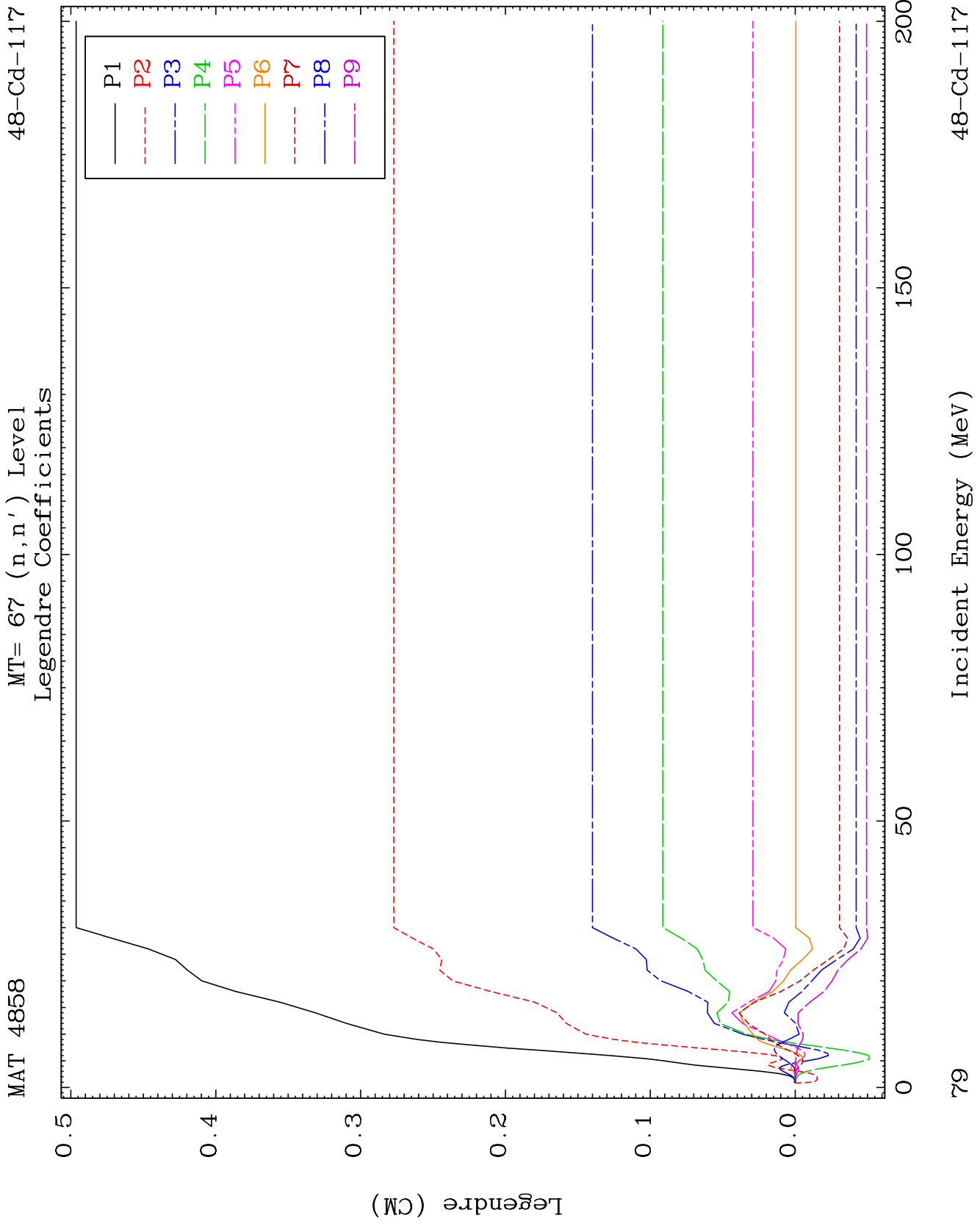
Legendre Coefficients



78

Incident Energy (MeV)

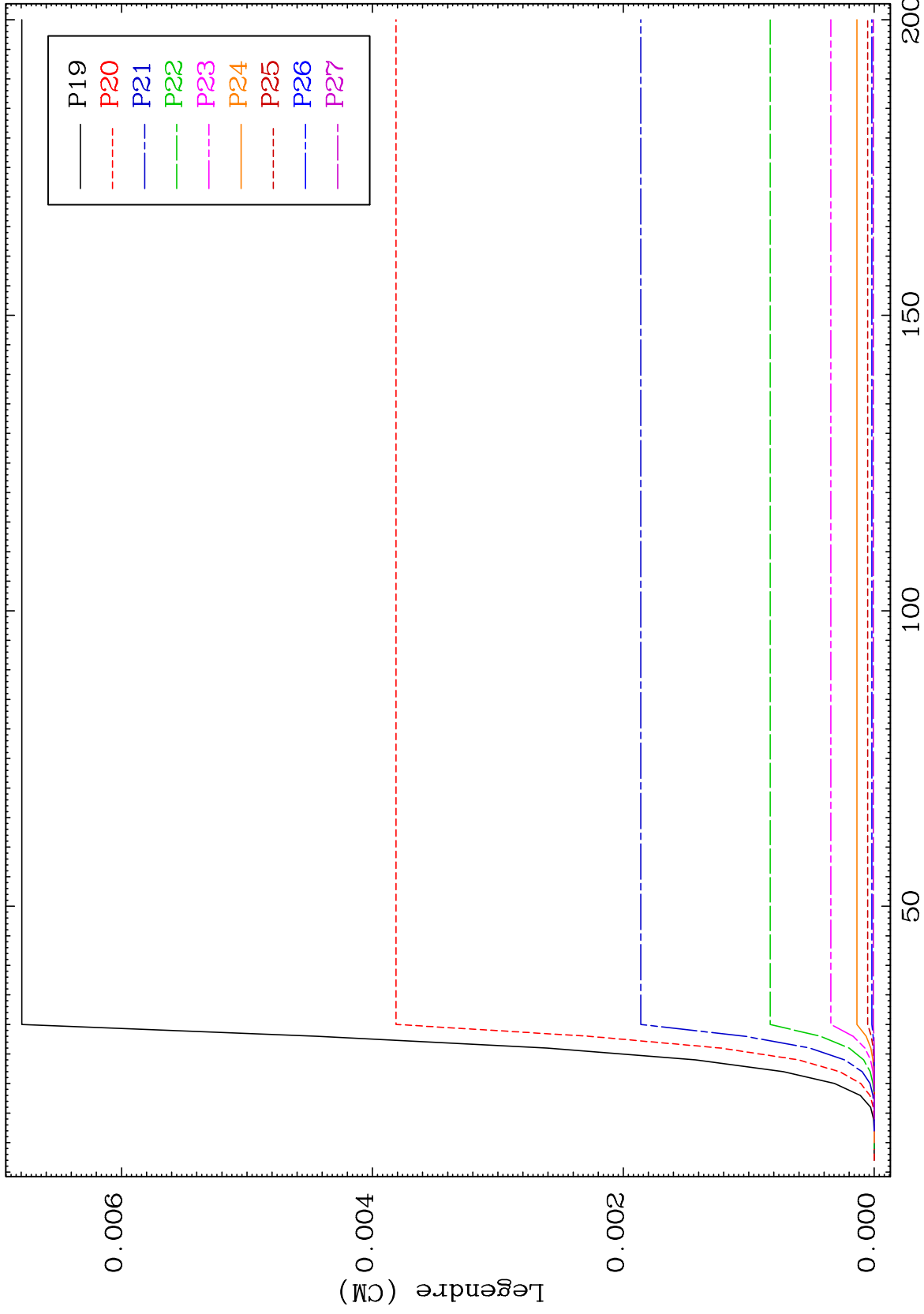
48-Cd-117



MAT 4858

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

48-Cd-117



81

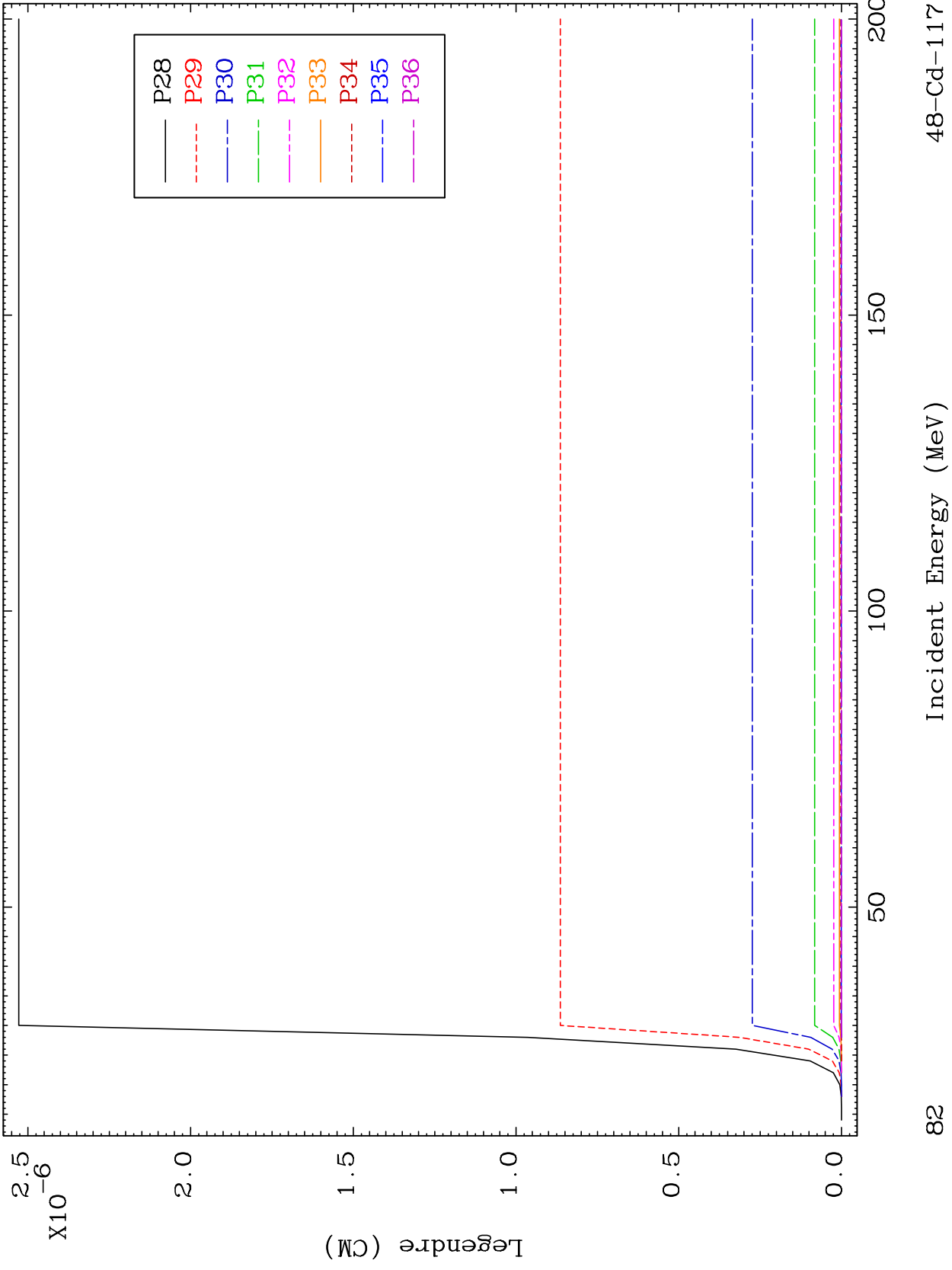
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

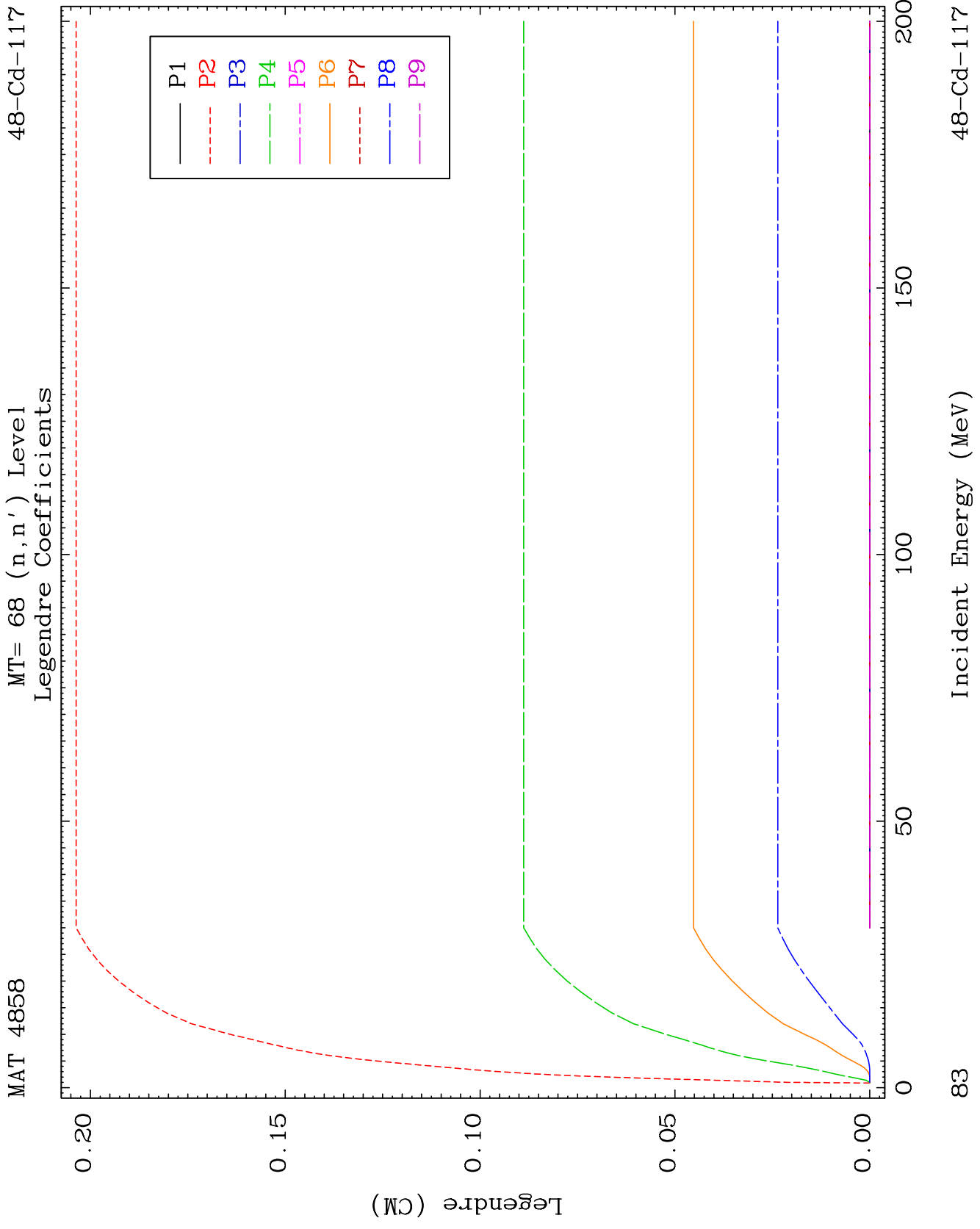
48-Cd-117



82

Incident Energy (MeV)

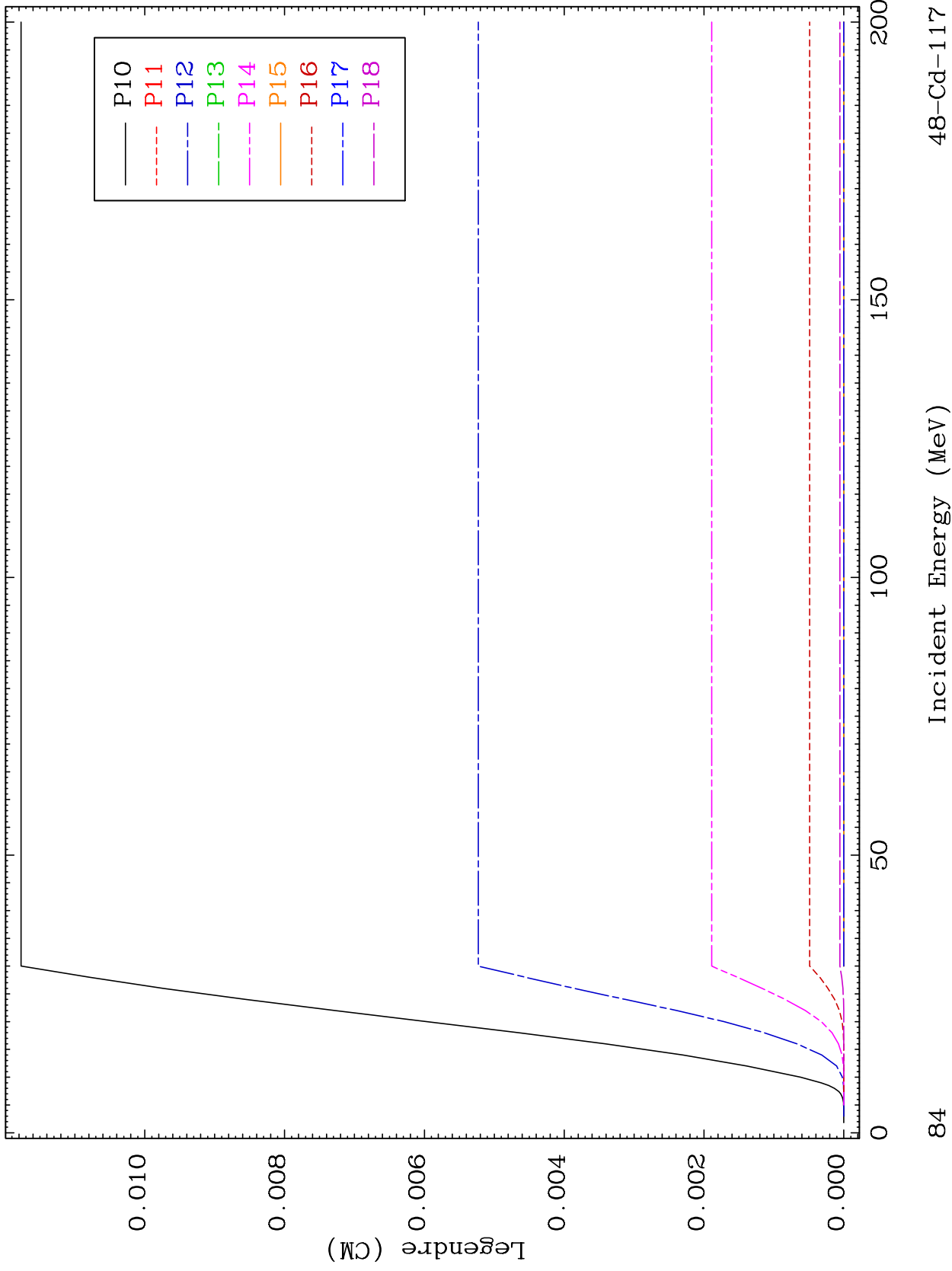
48-Cd-117



MAT 4858

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

48-Cd-117



84

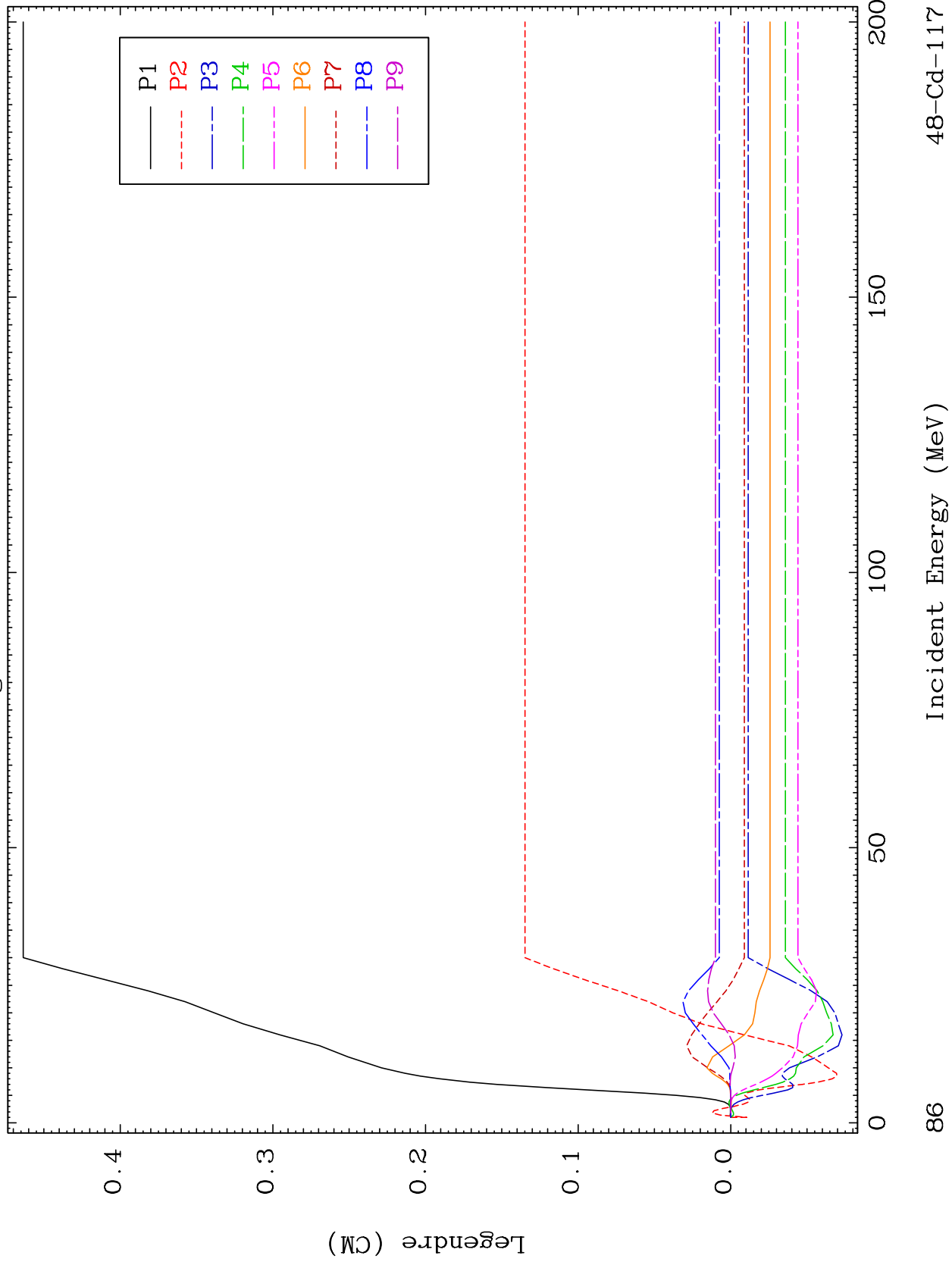
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

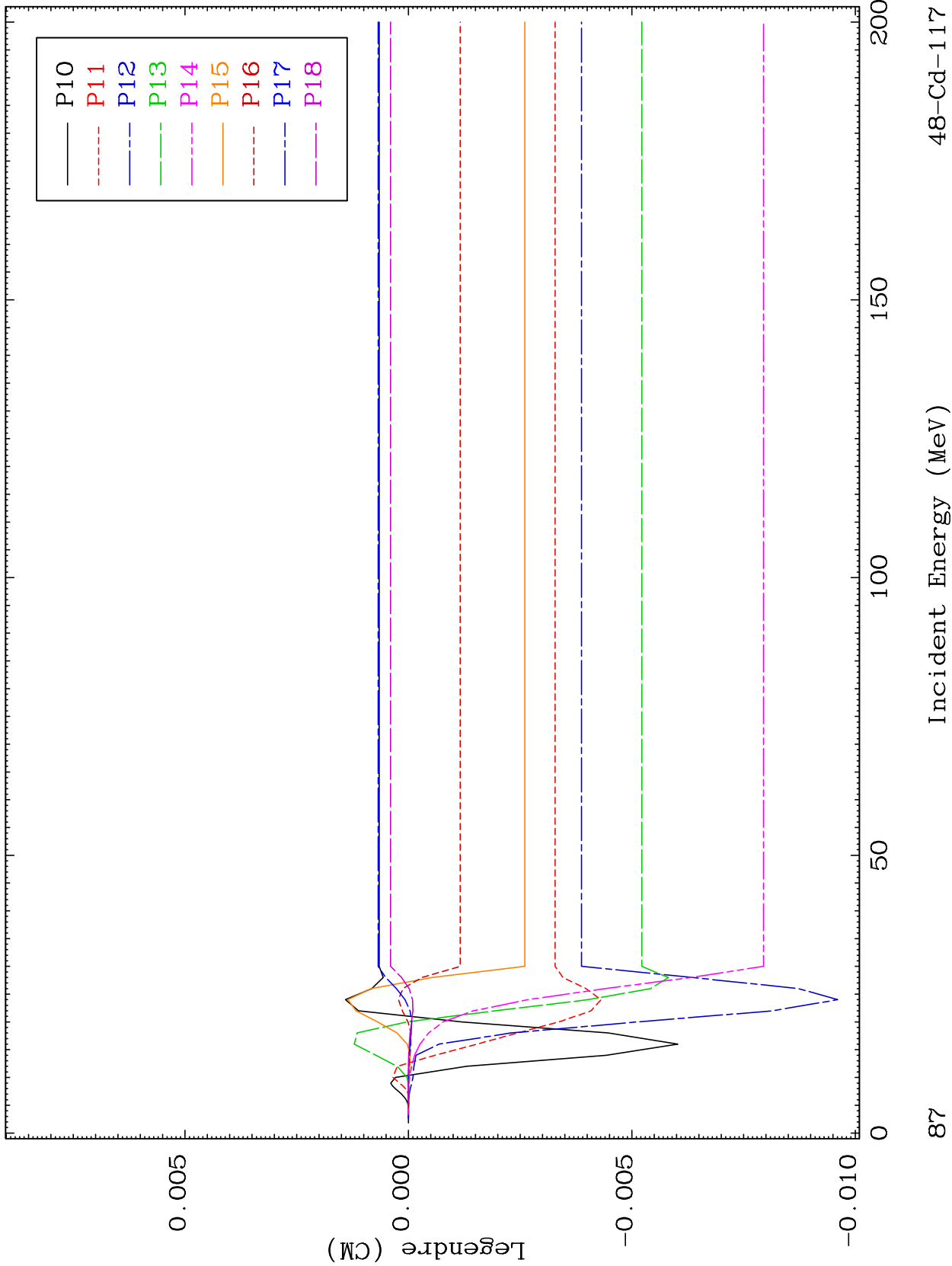
Incident Energy (MeV)

86

MAT 4858

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

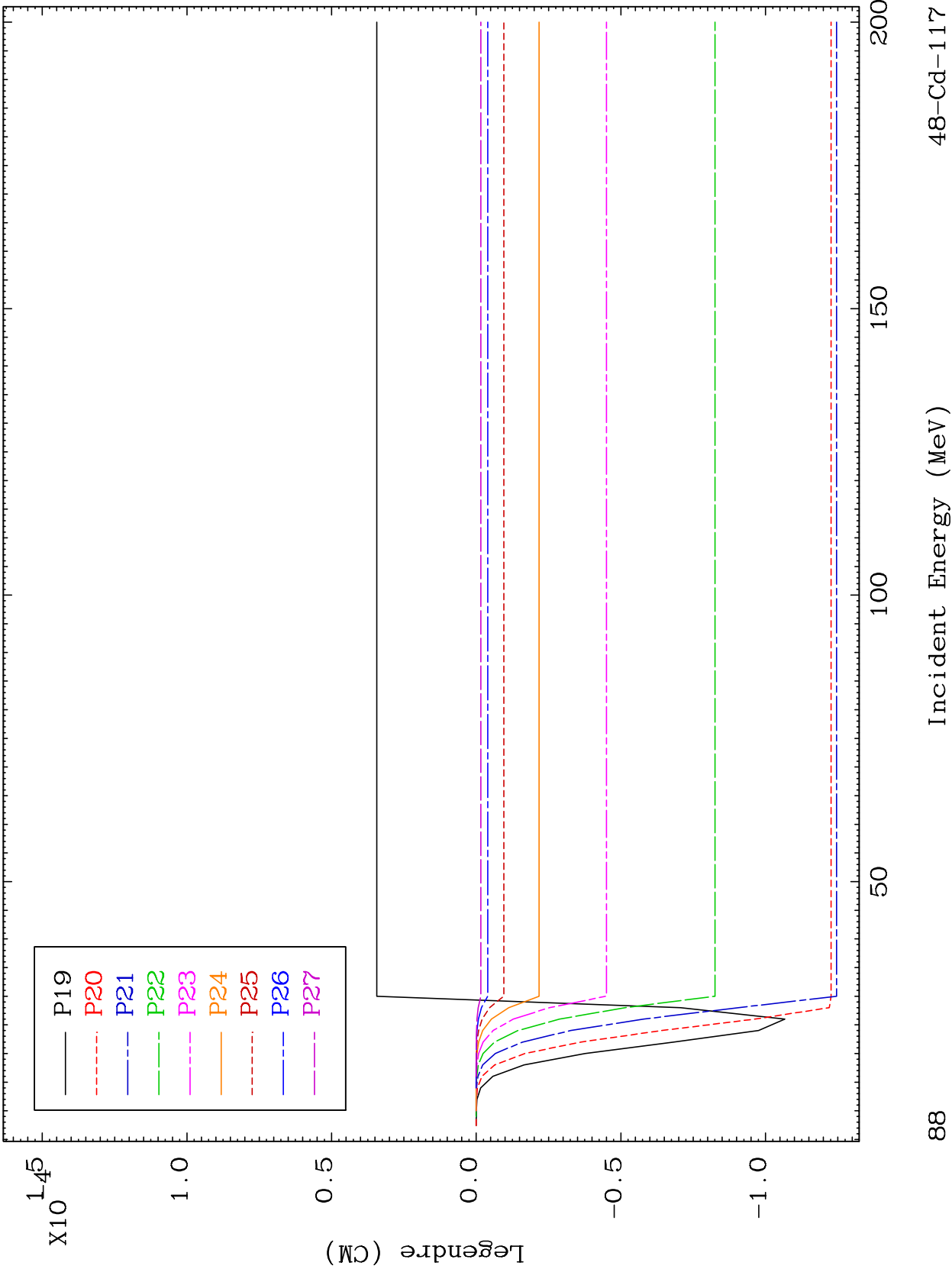
48-Cd-117



48-Cd-117

Incident Energy (MeV)

87

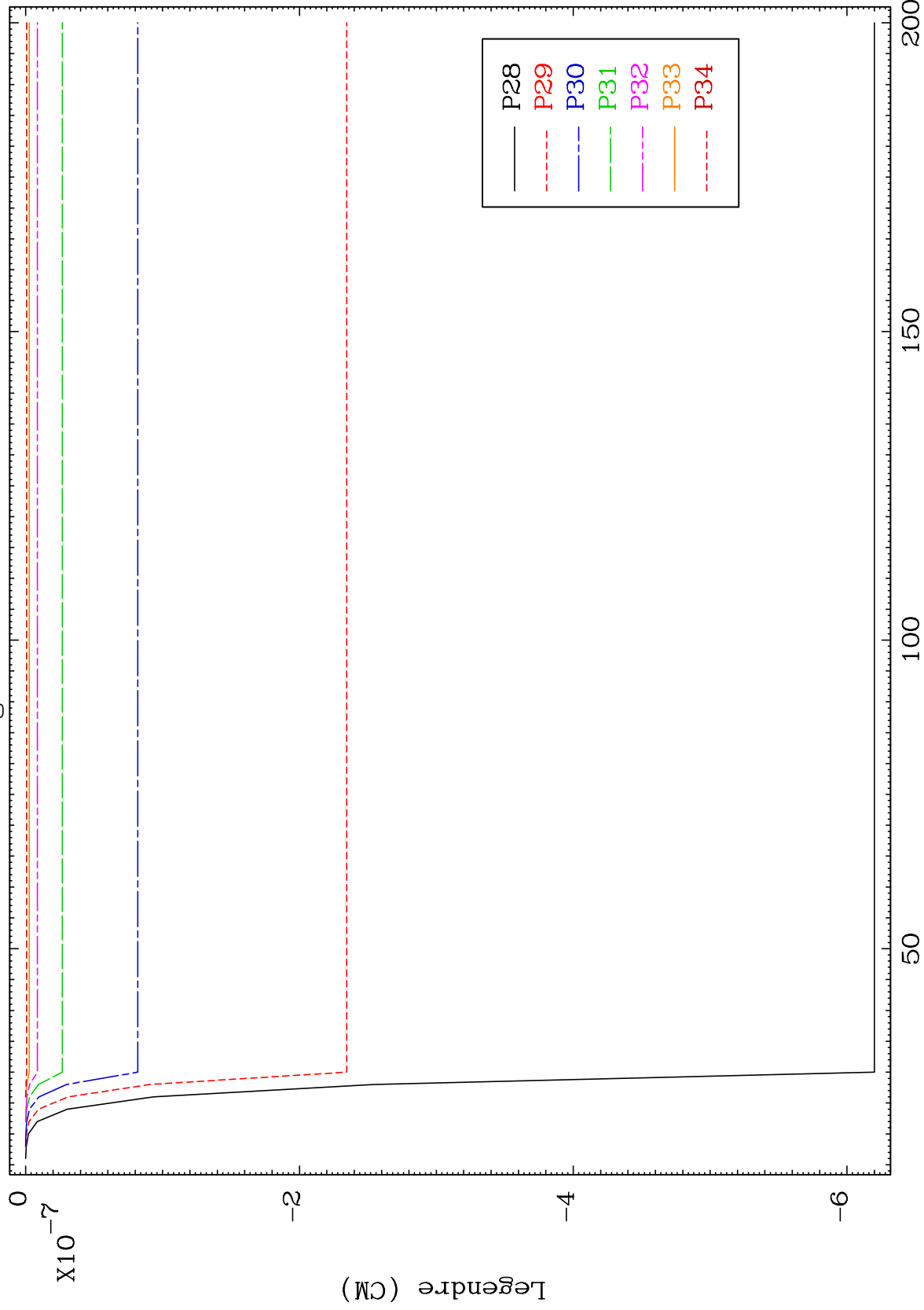


MAT 4858

MT= 69 (n,n') Level

48-Cd-117

Legendre Coefficients



89

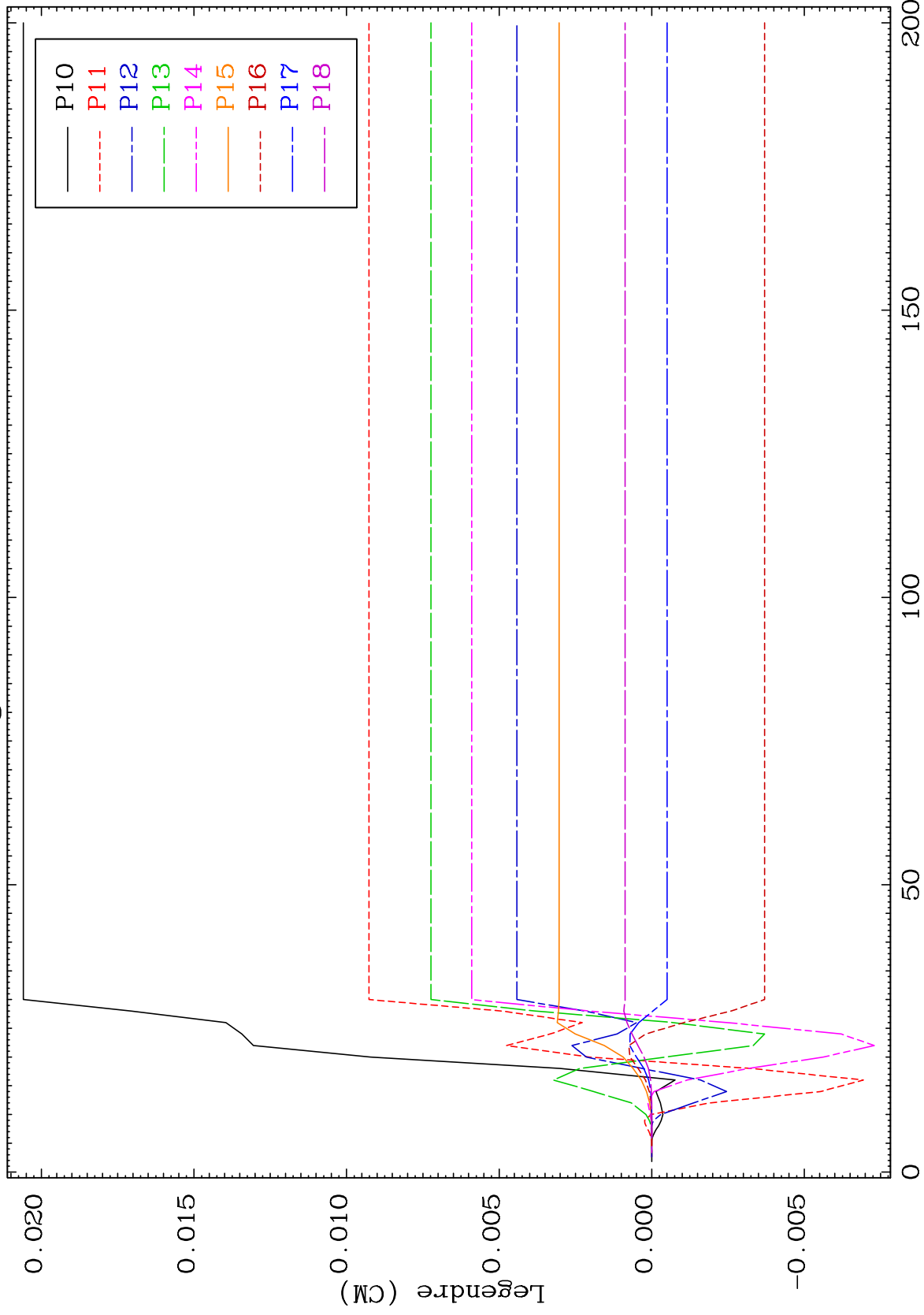
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



91

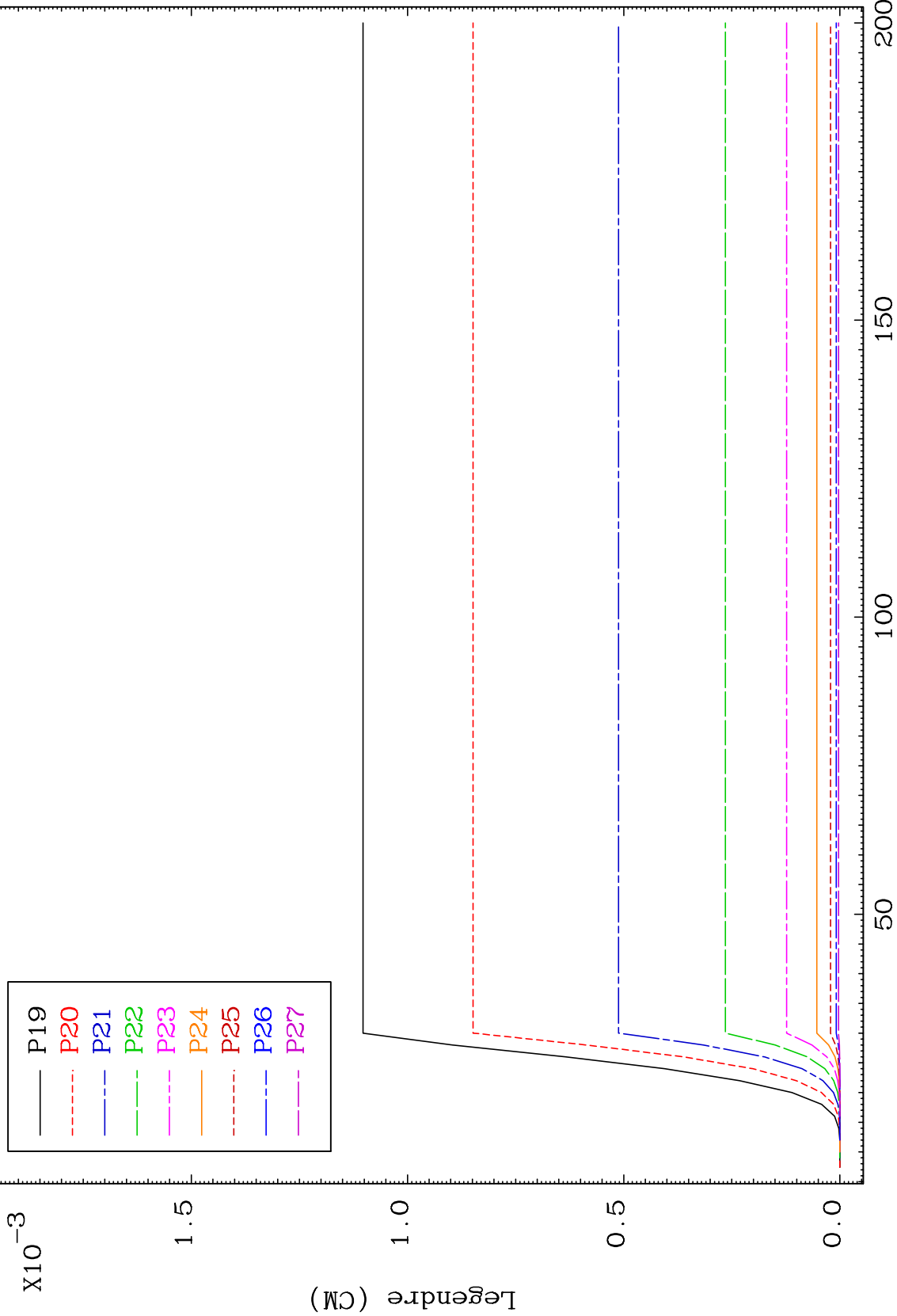
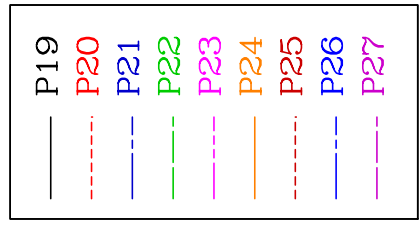
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



92

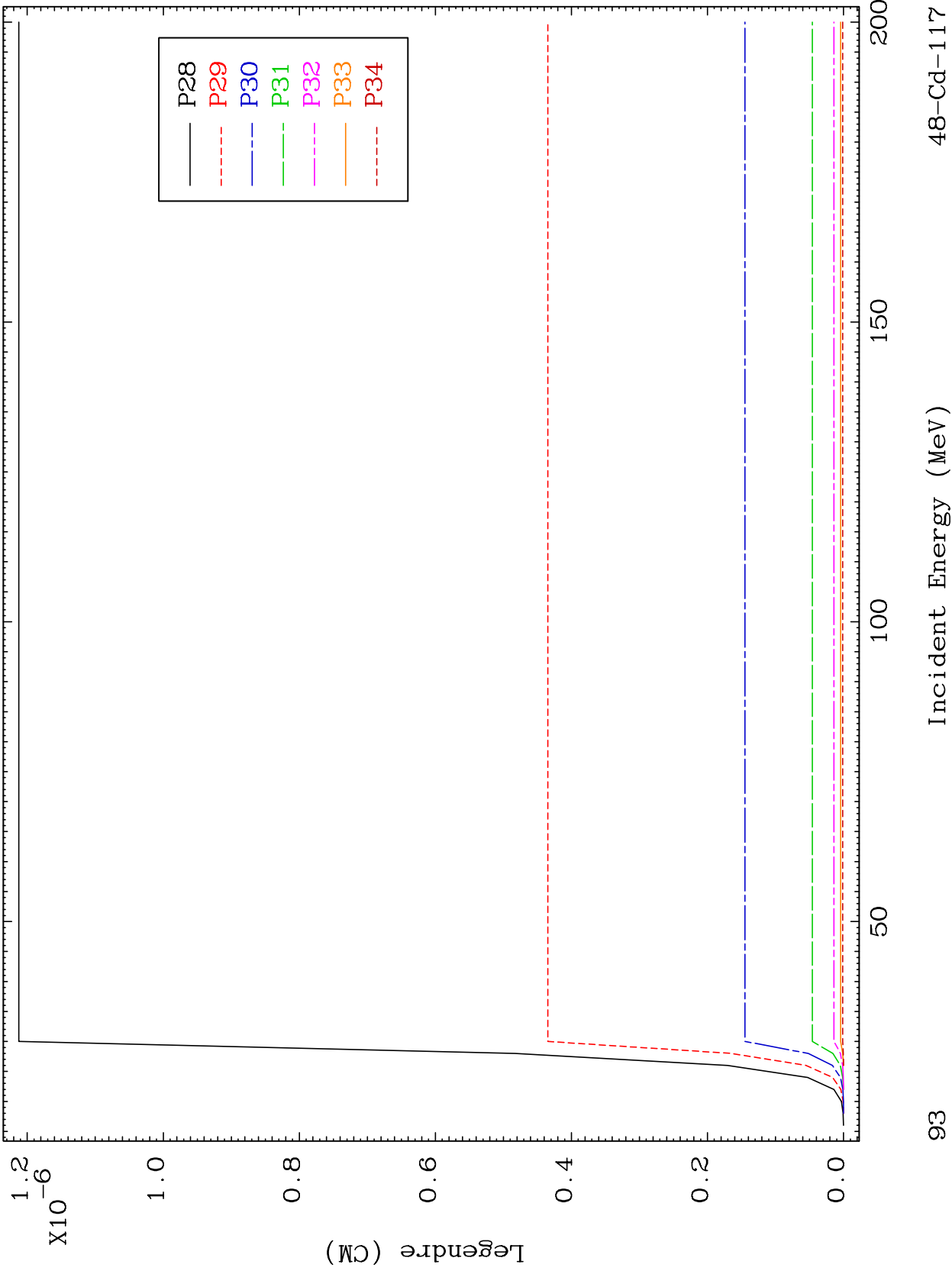
Incident Energy (MeV)

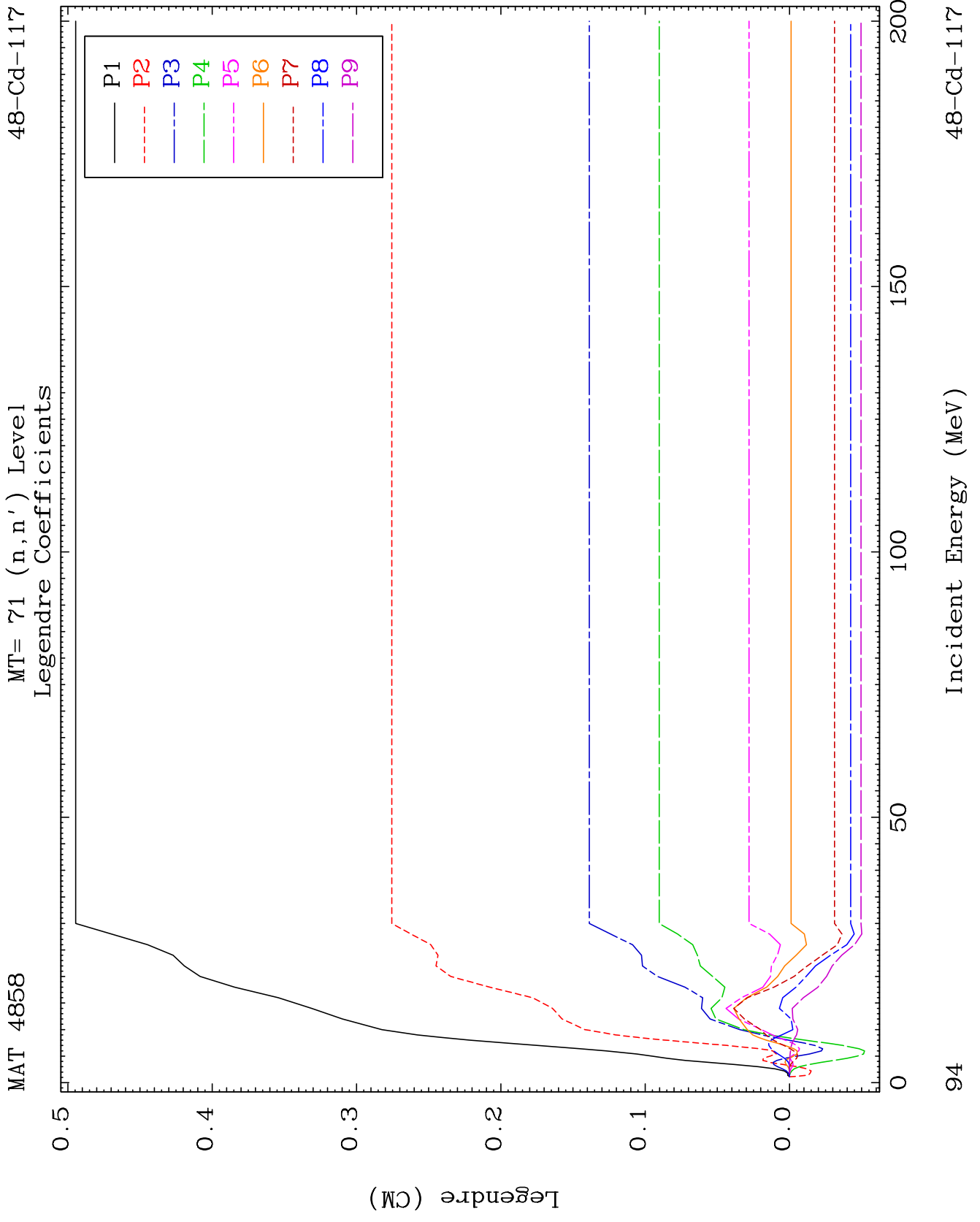
48-Cd-117

MAT 4858

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

48-Cd-117

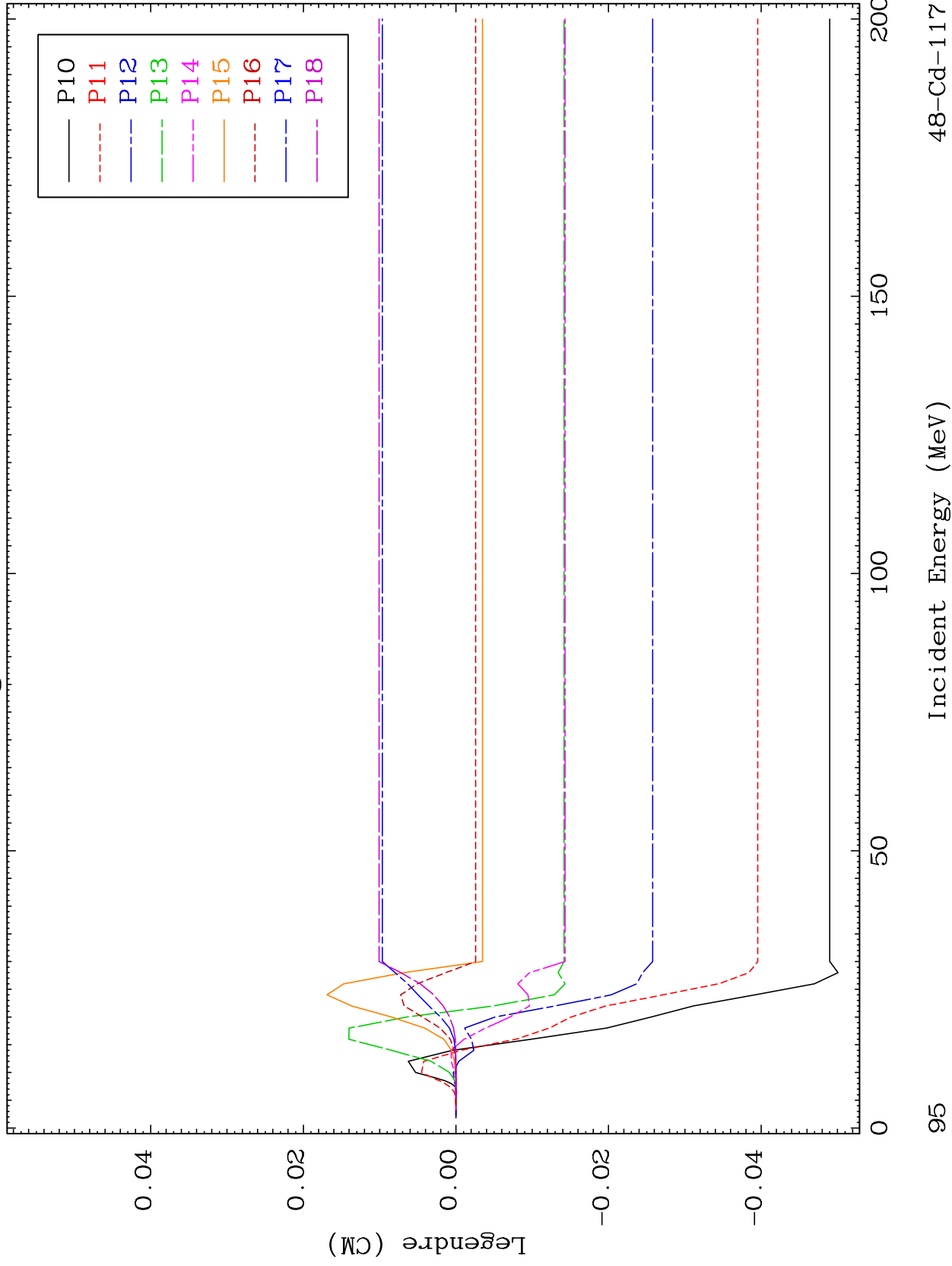




MAT 4858

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

48-Cd-117



48-Cd-117

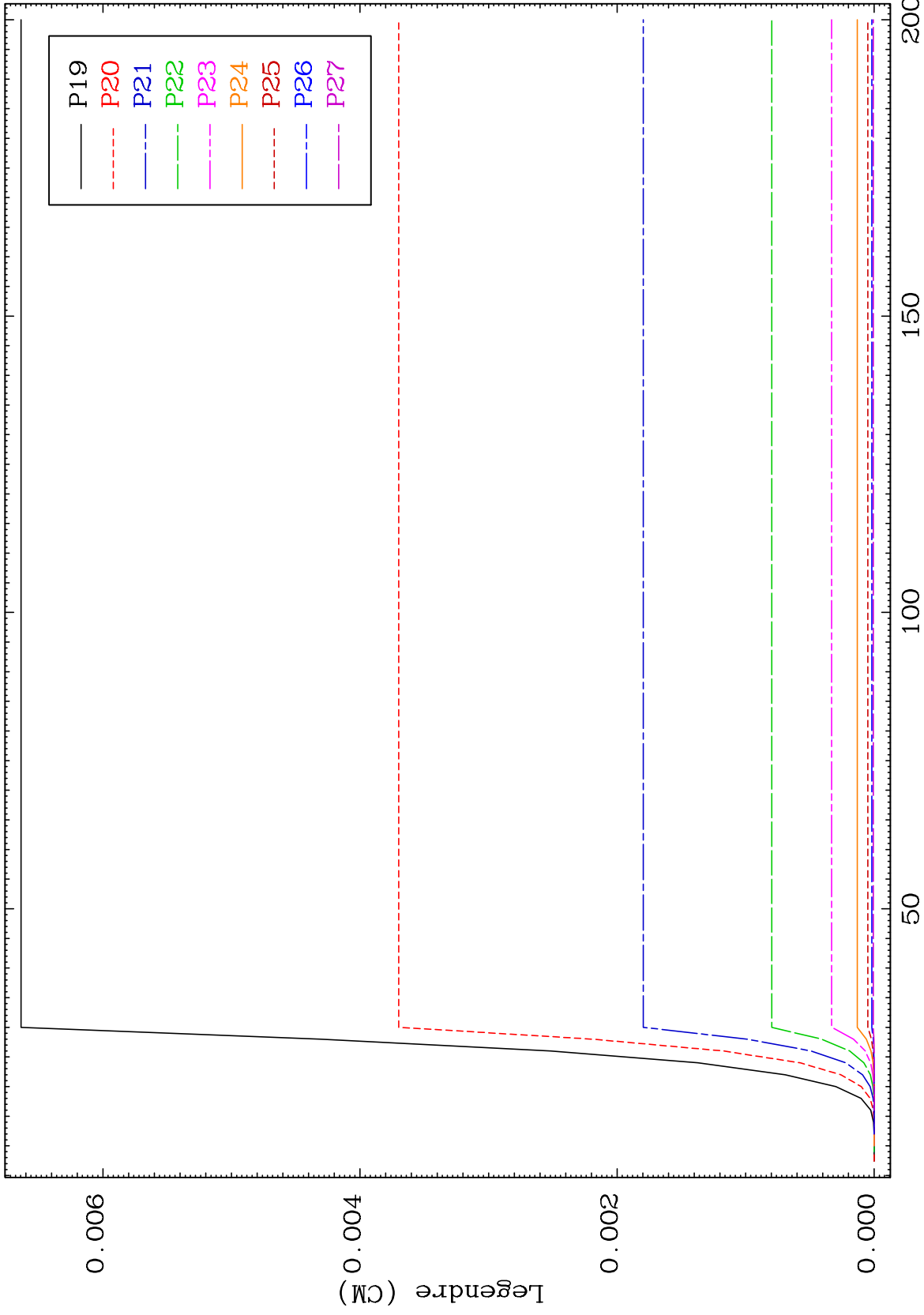
Incident Energy (MeV)

95

MAT 4858

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

48-Cd-117



96

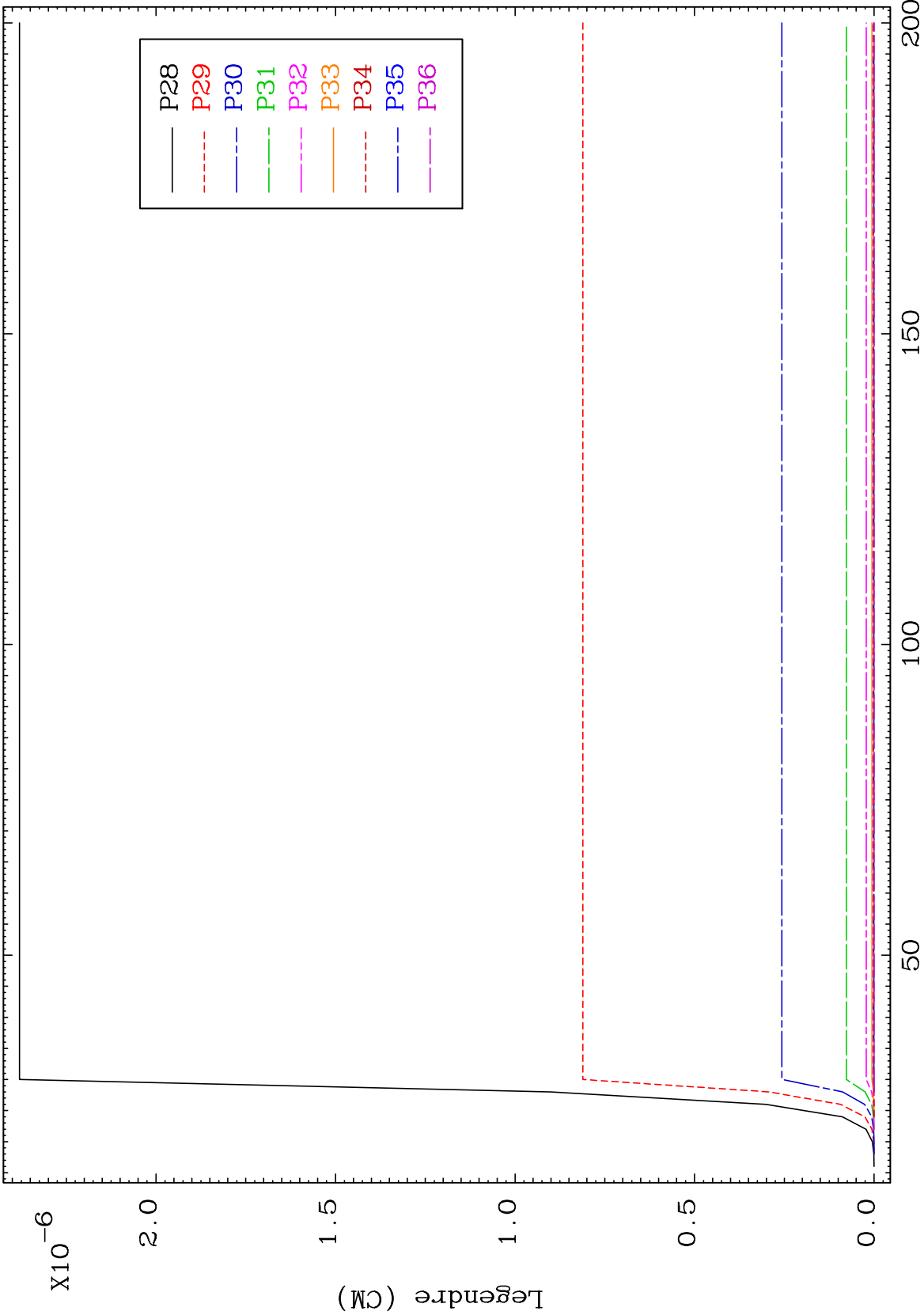
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



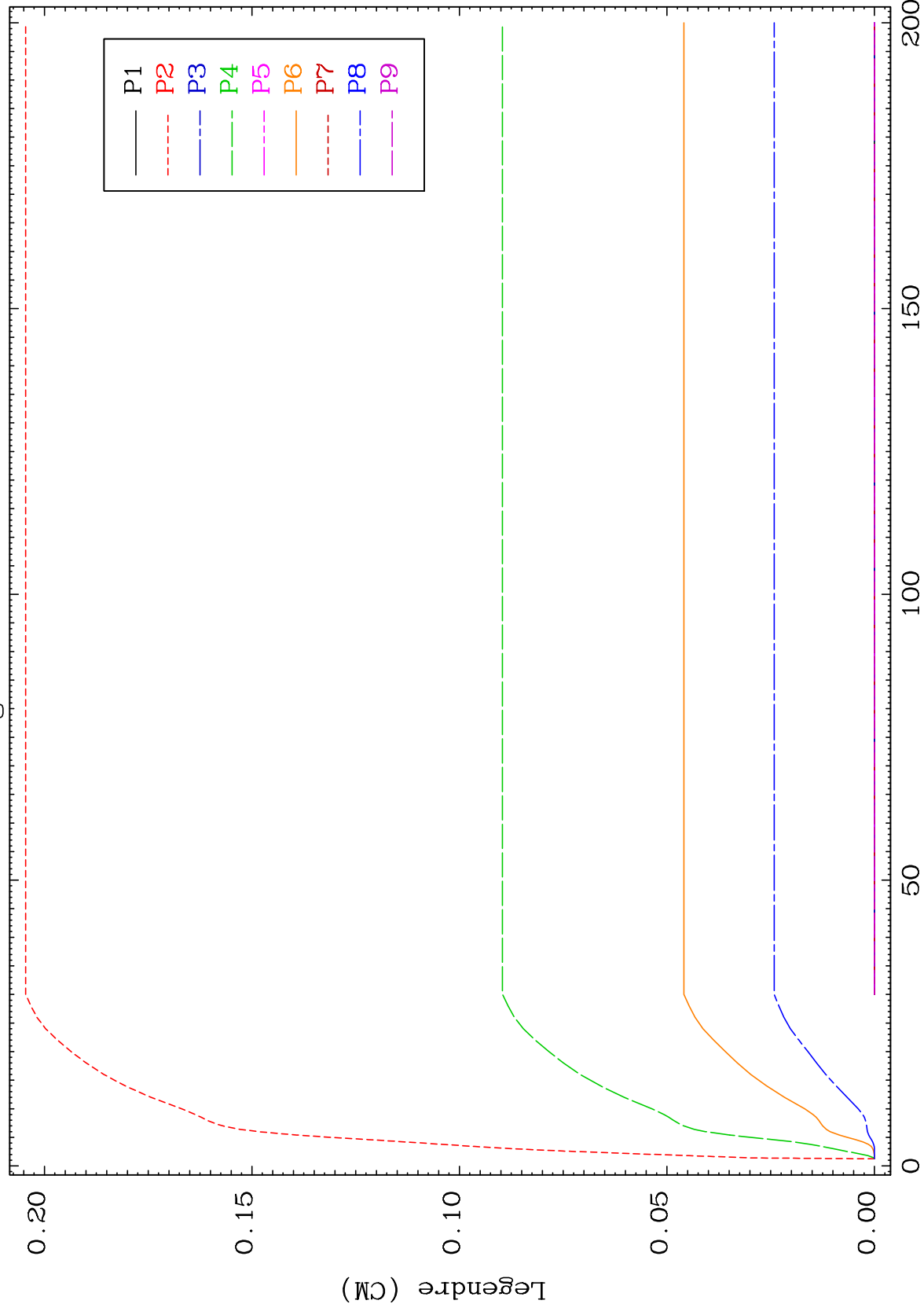
97

48-Cd-117

MAT 4858

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

48-Cd-117



98

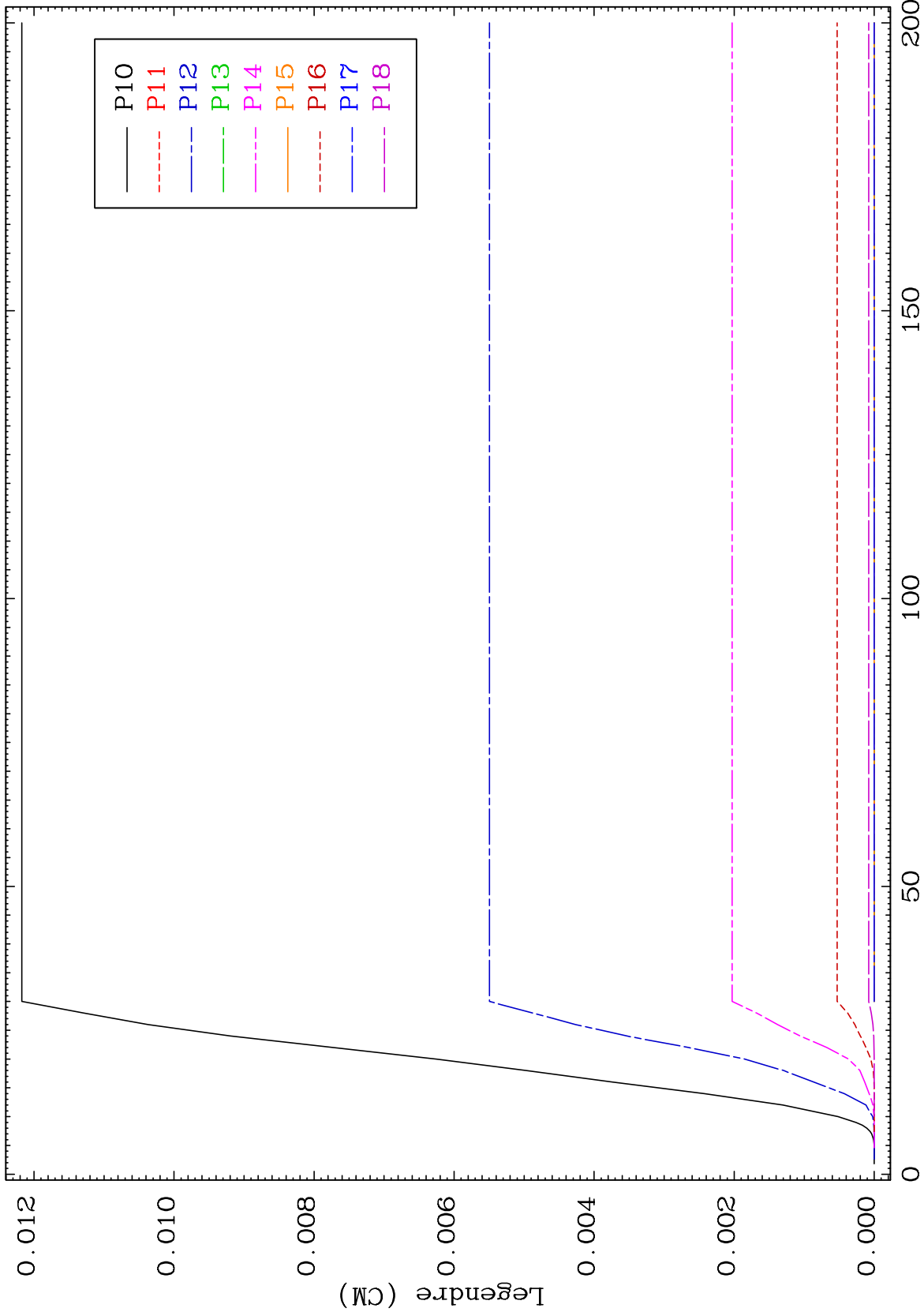
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



99

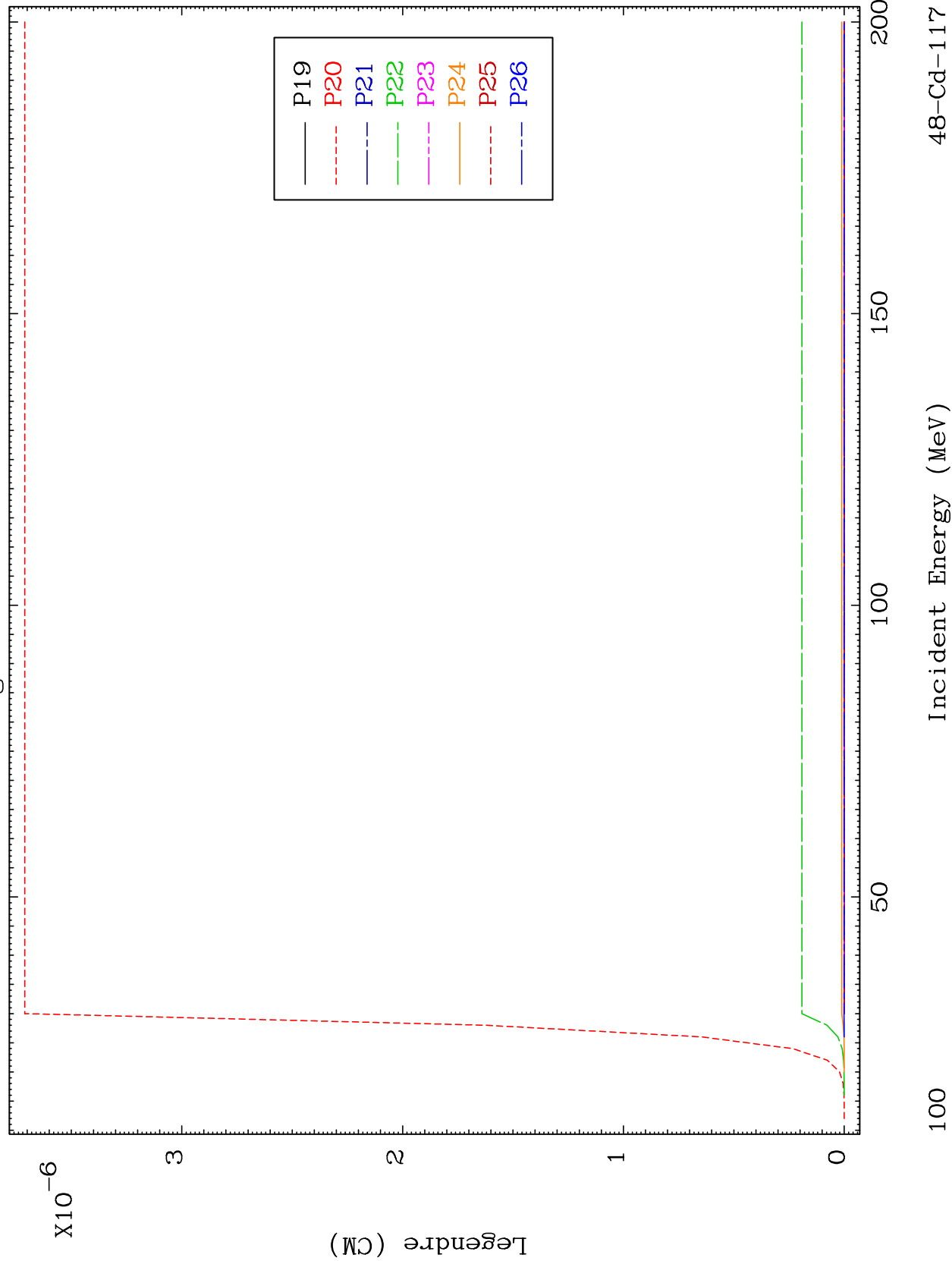
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117

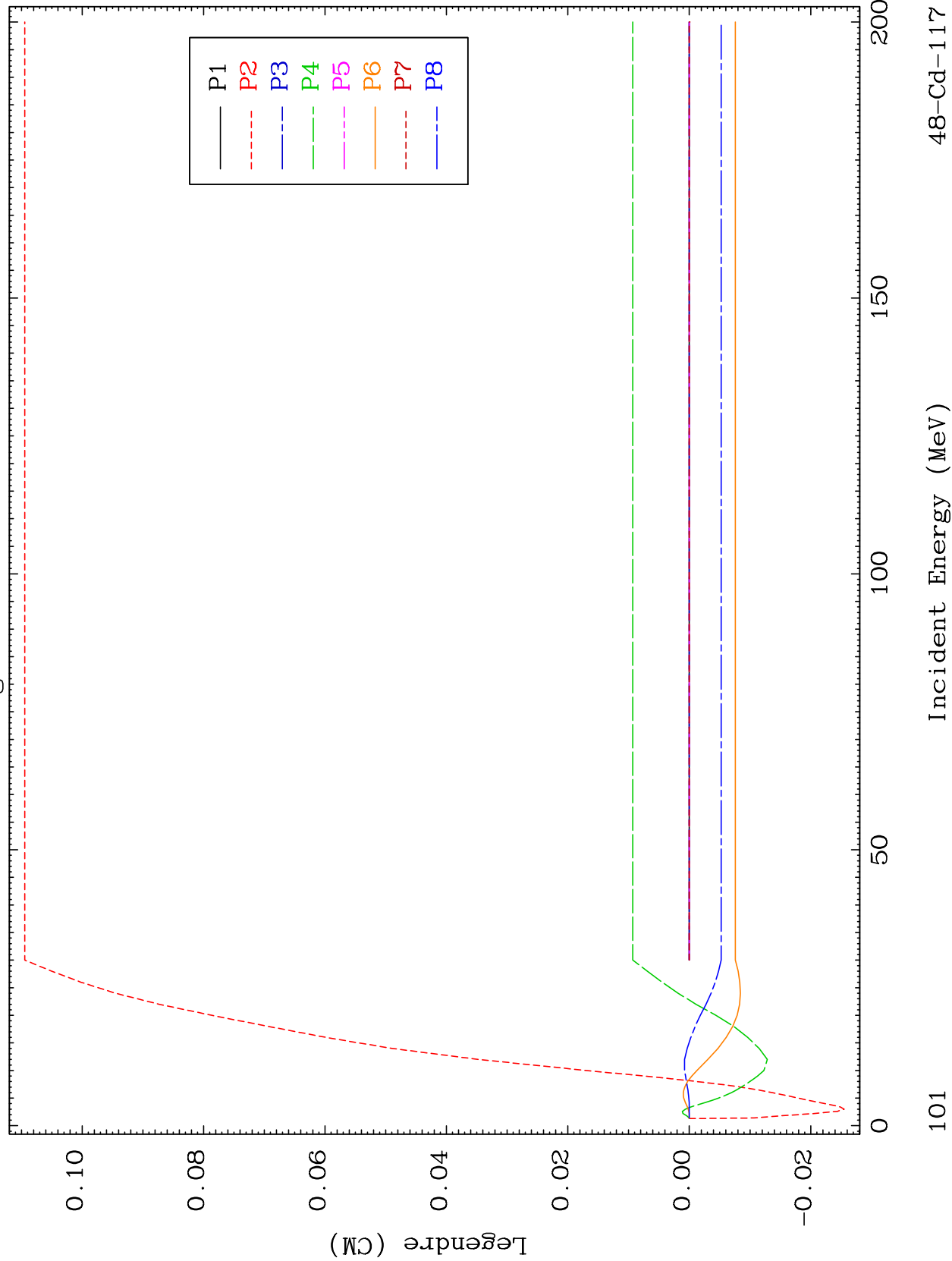


48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

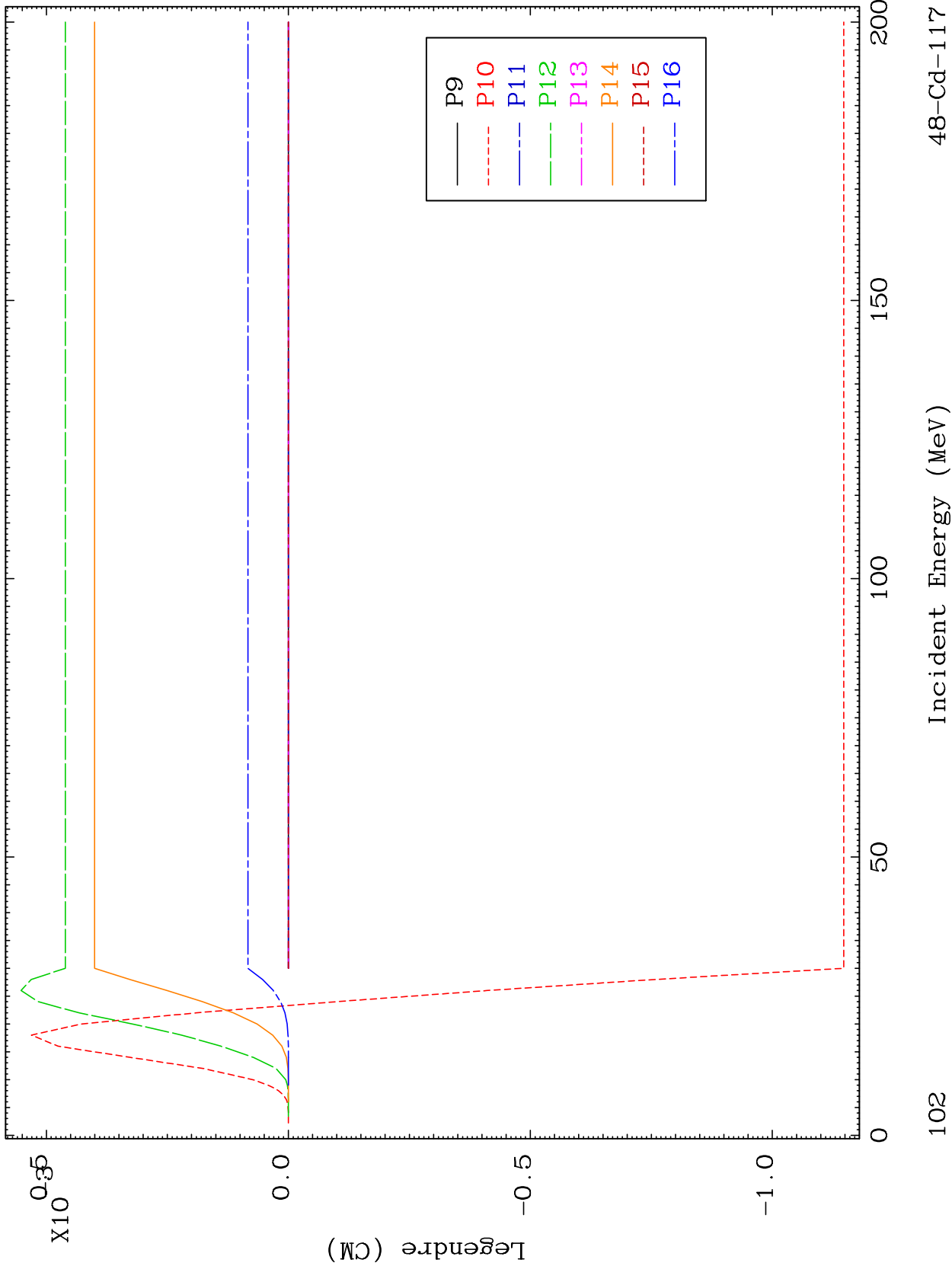
Incident Energy (MeV)

101

MAT 4858

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

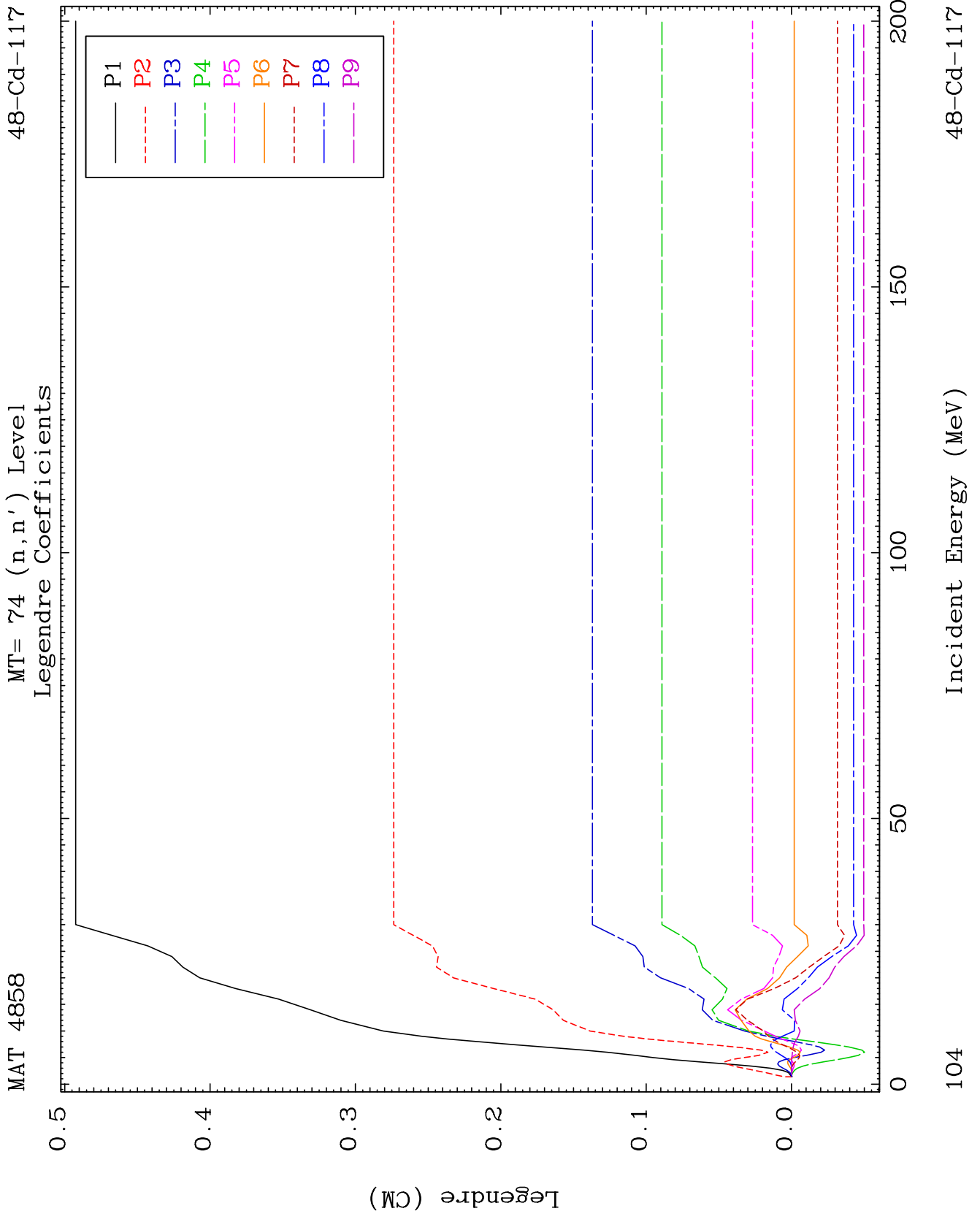
48-Cd-117



48-Cd-117

Incident Energy (MeV)

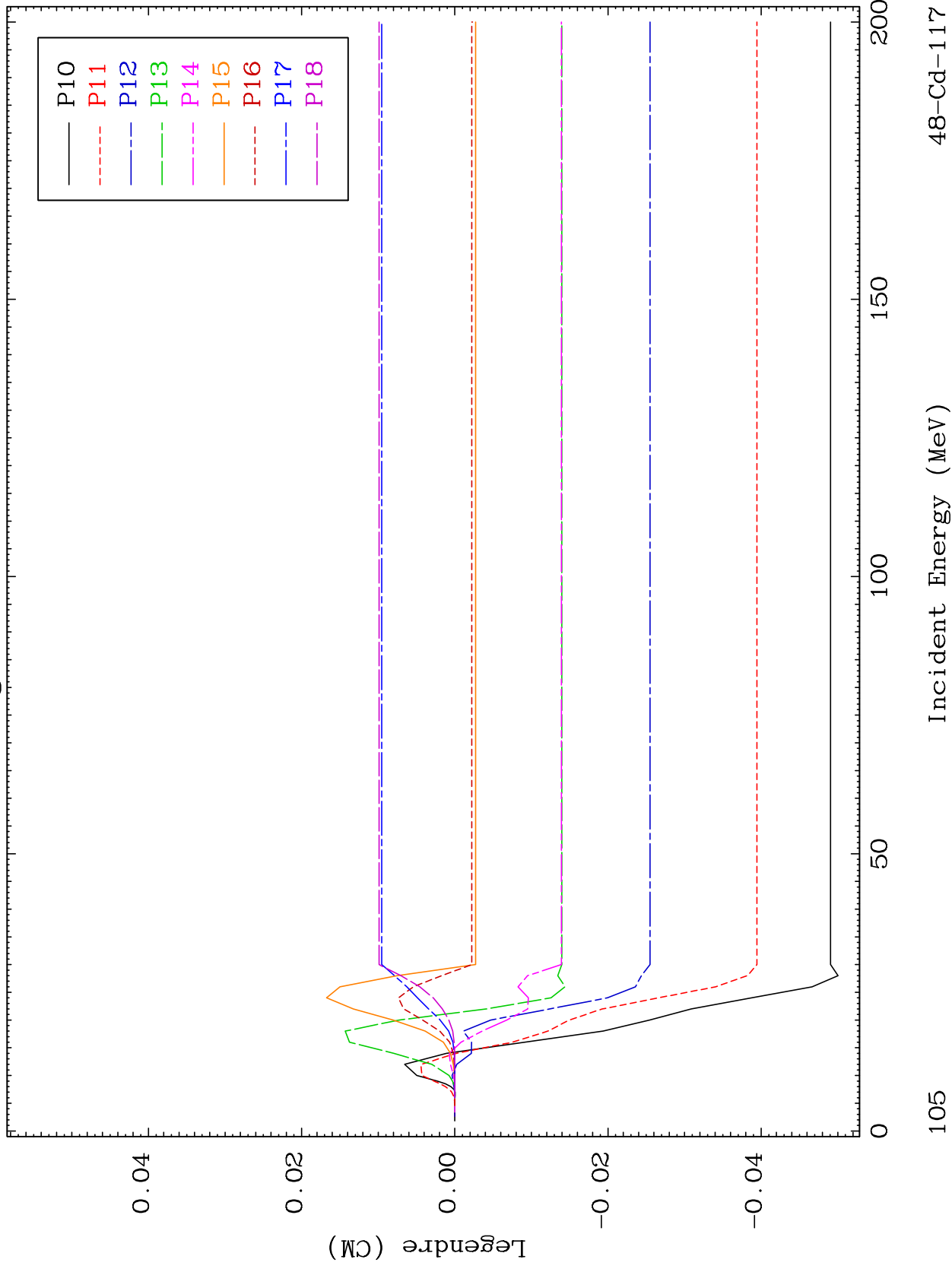
102



MAT 4858

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

48-Cd-117



48-Cd-117

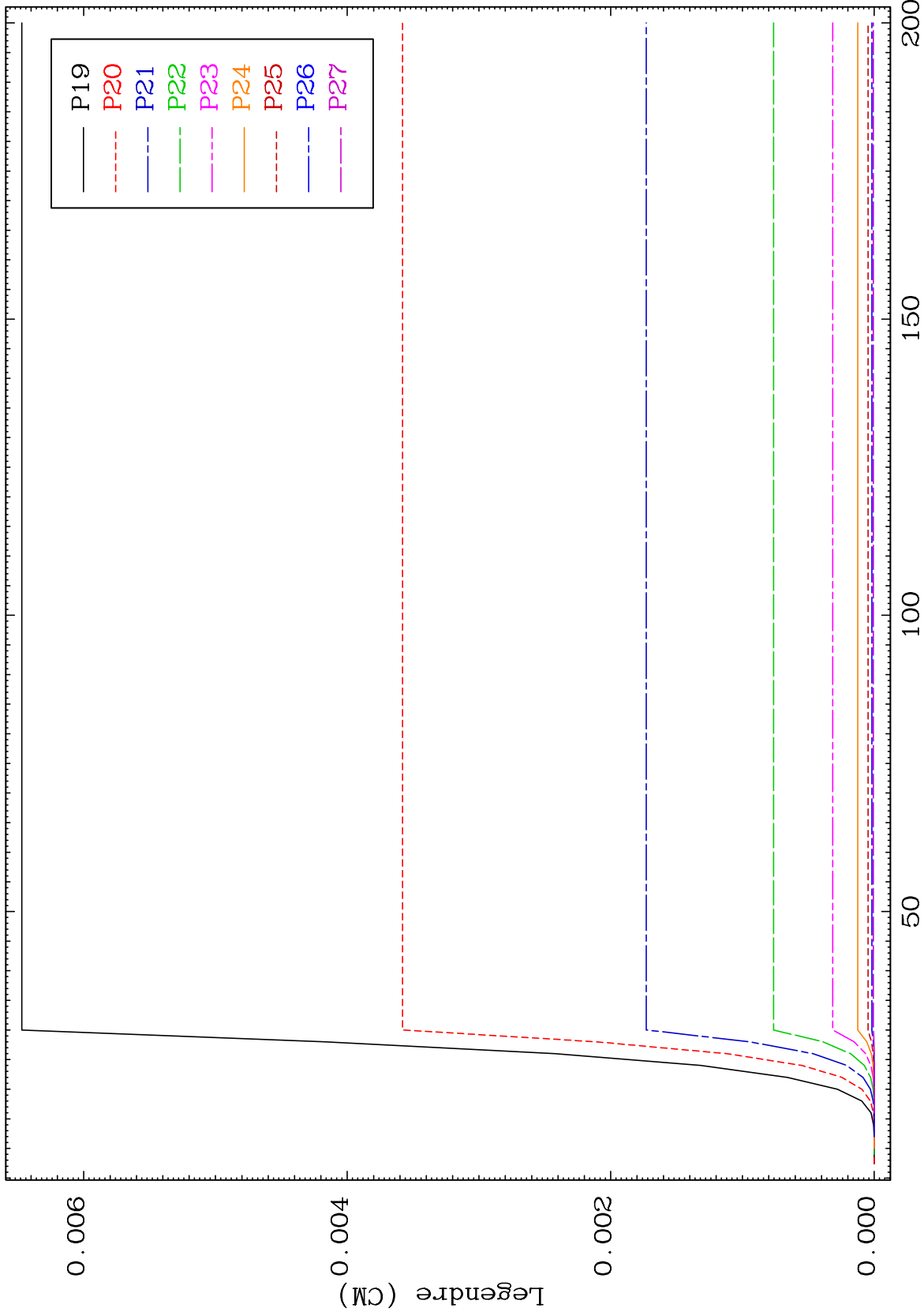
Incident Energy (MeV)

105

MAT 4858

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

48-Cd-117



106

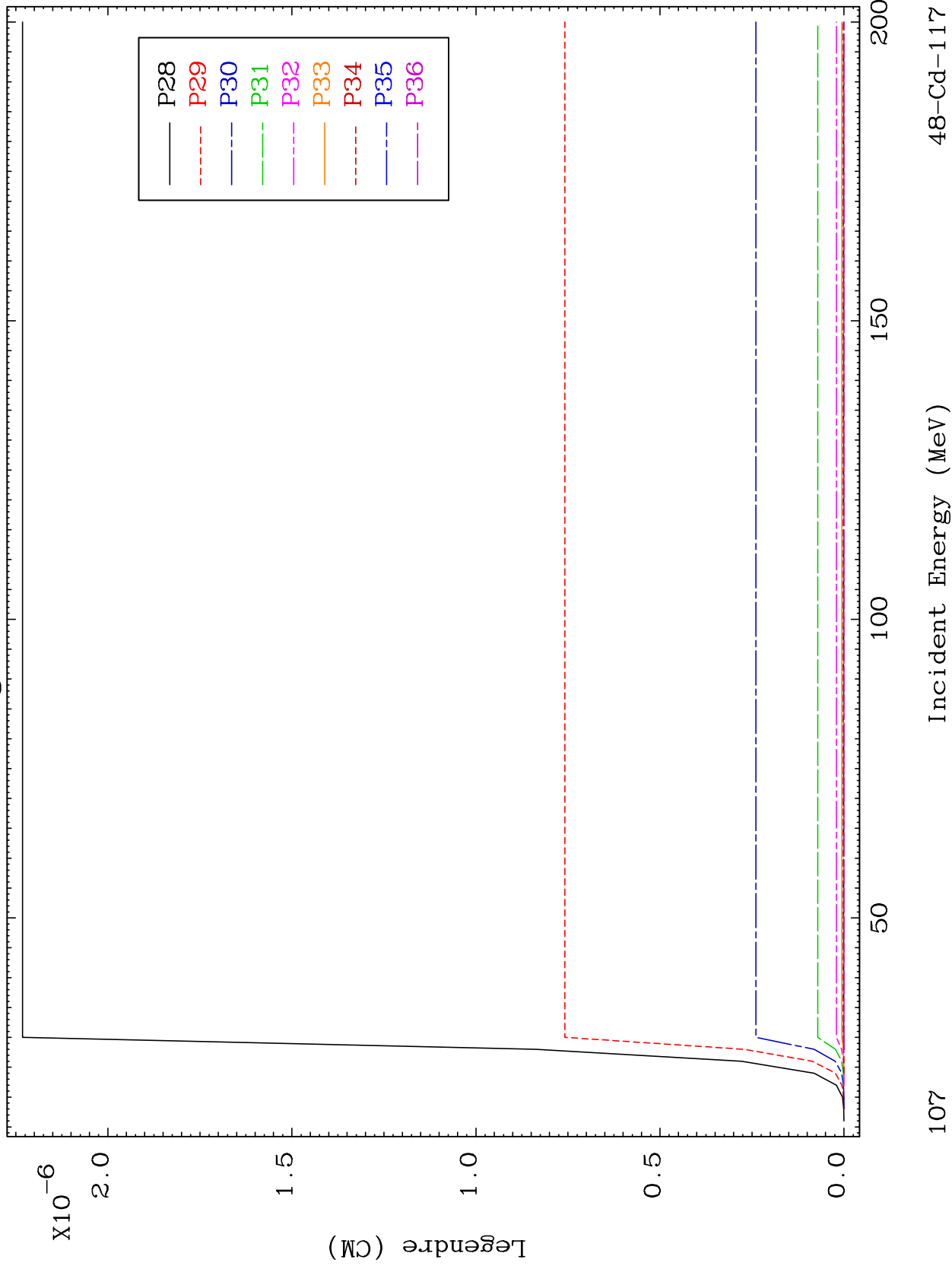
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

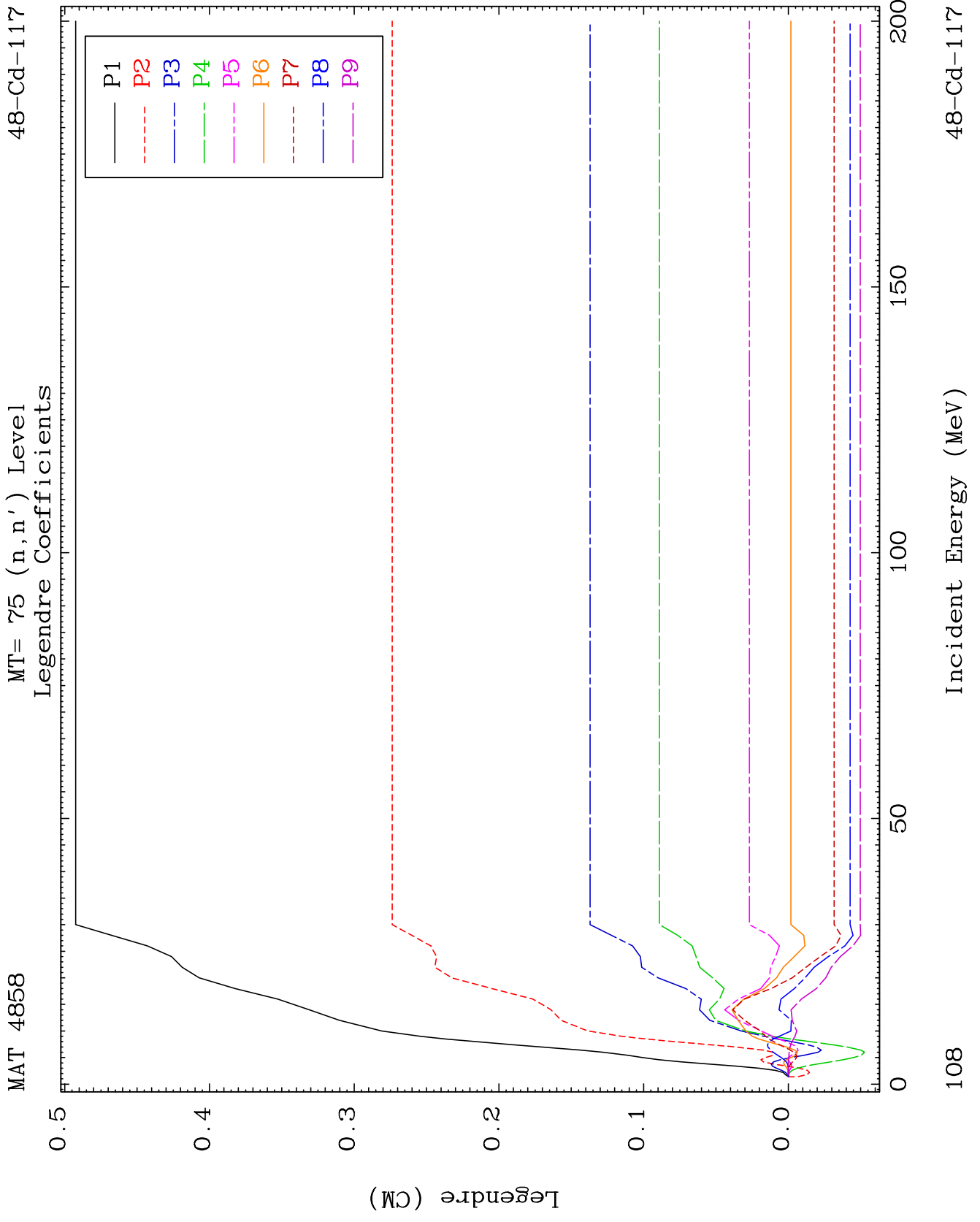
48-Cd-117



107

Incident Energy (MeV)

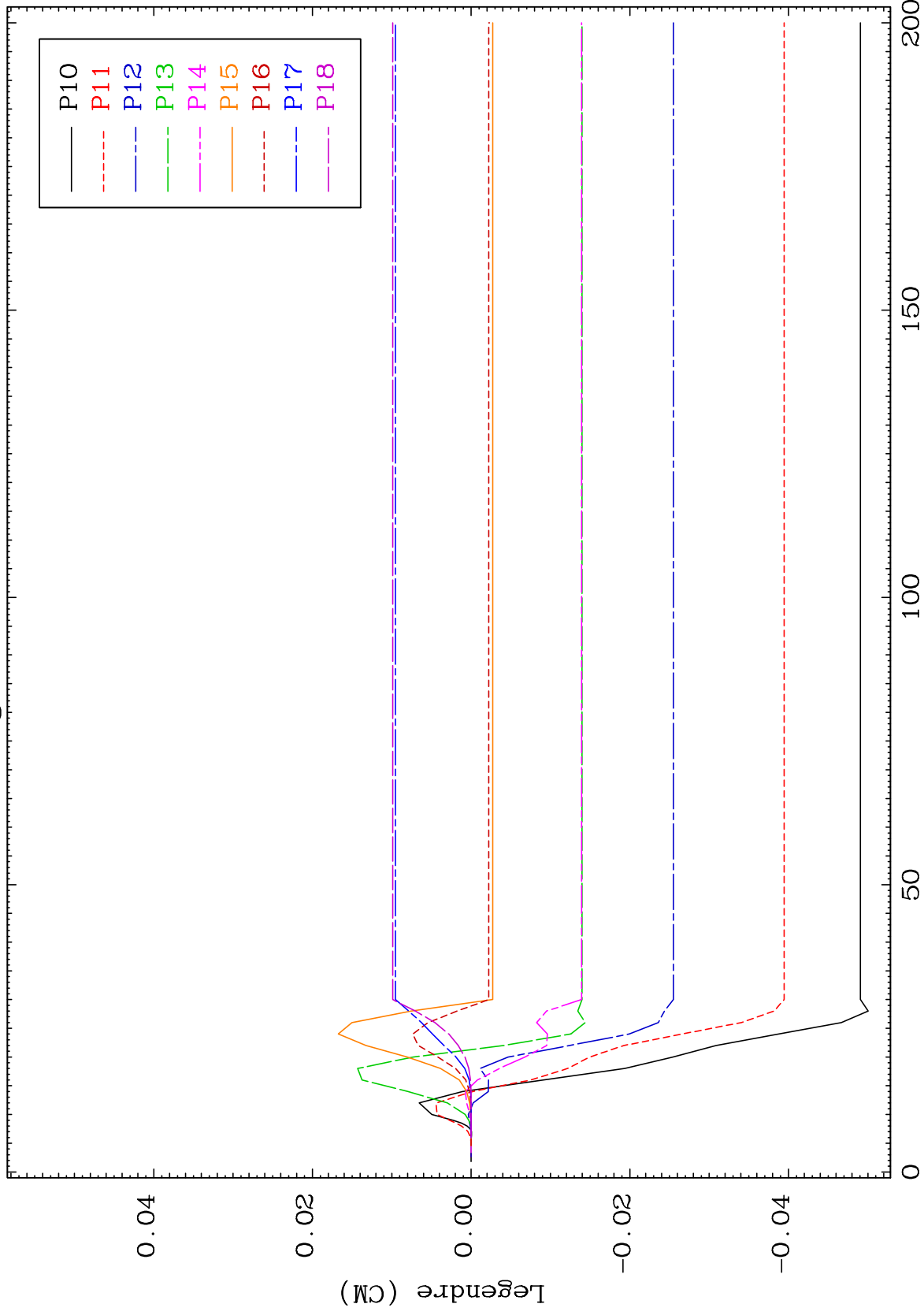
48-Cd-117



MAT 4858

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

48-Cd-117



109

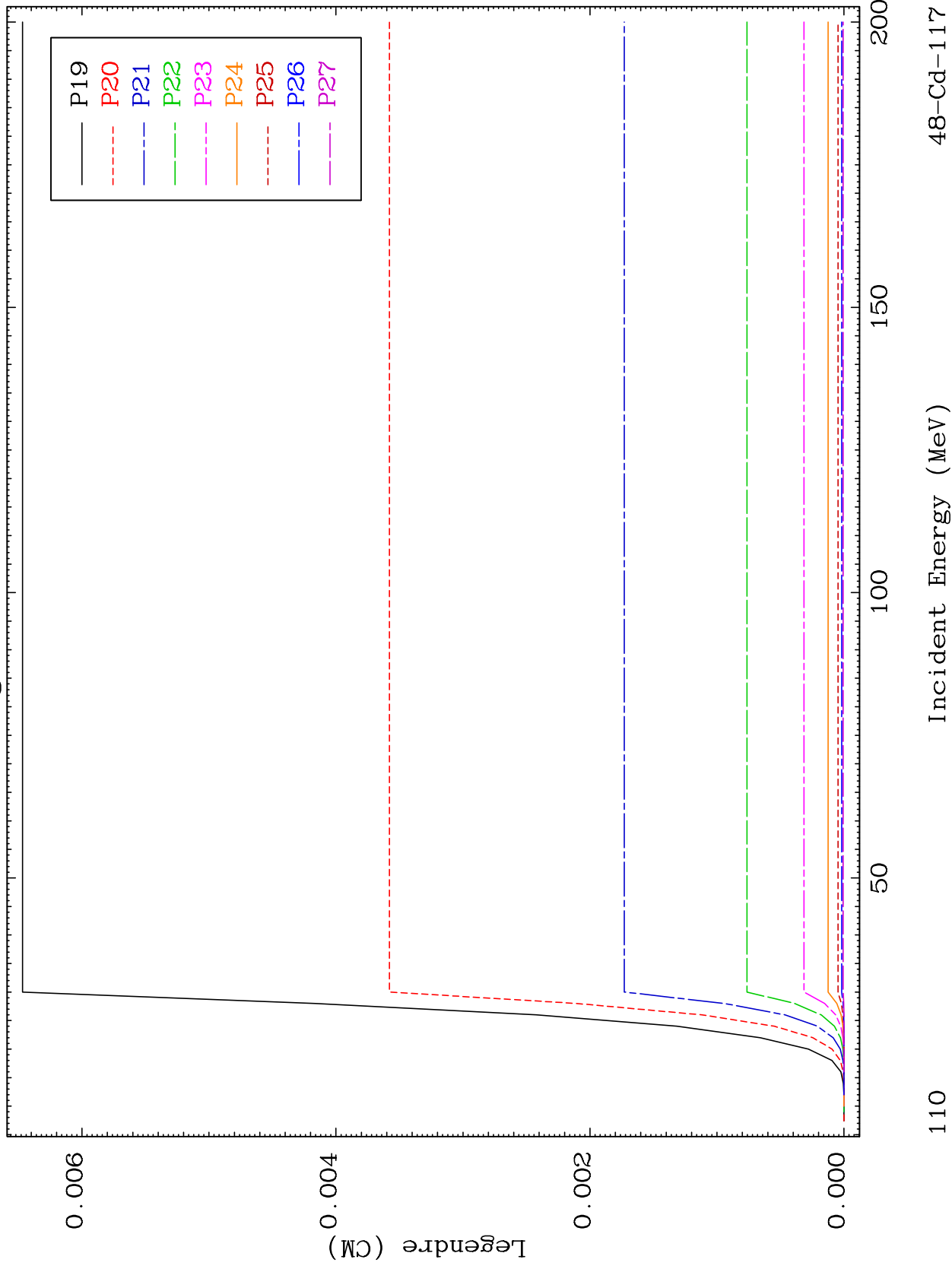
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



110

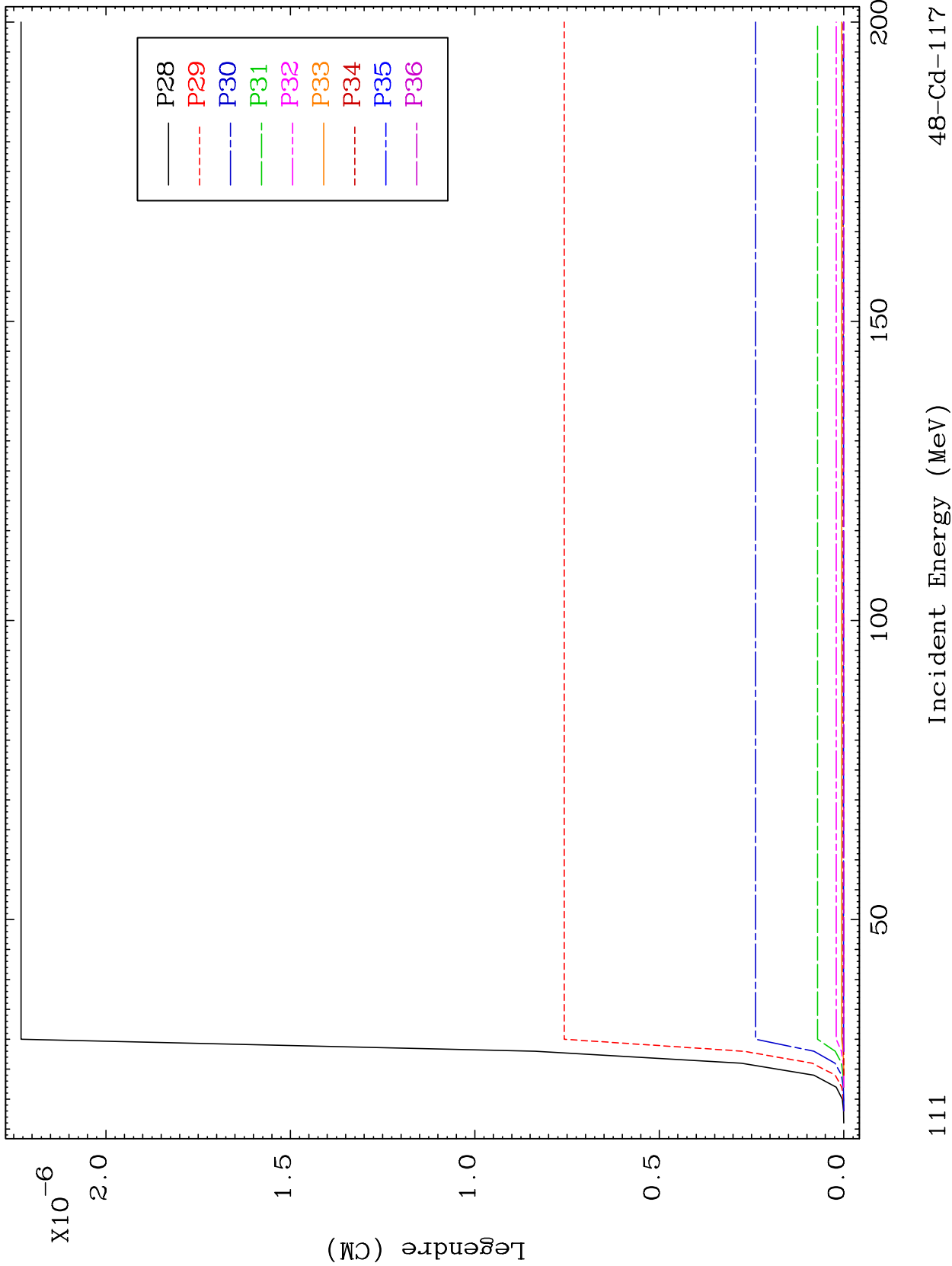
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117

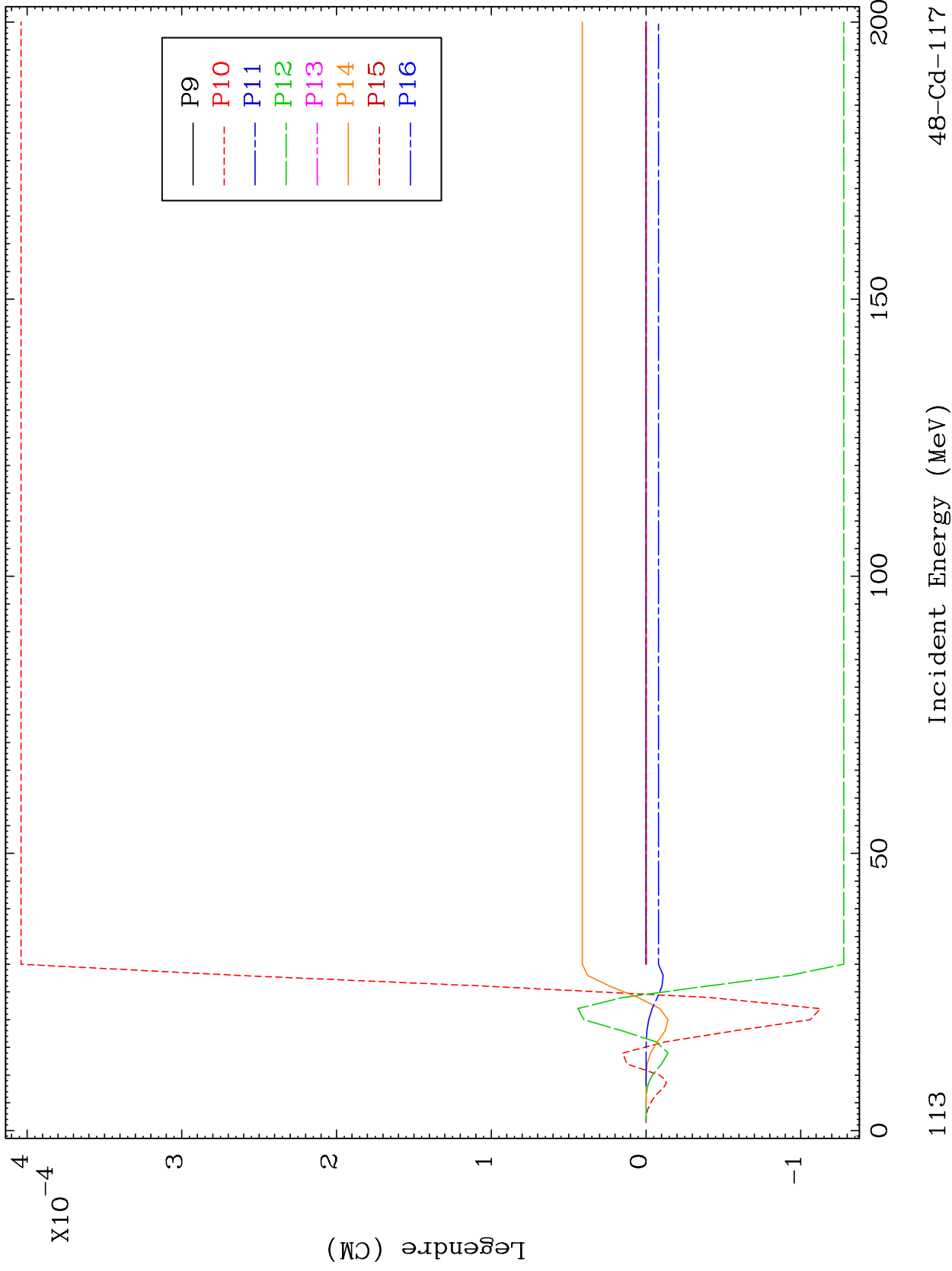


111

MAT 4858

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

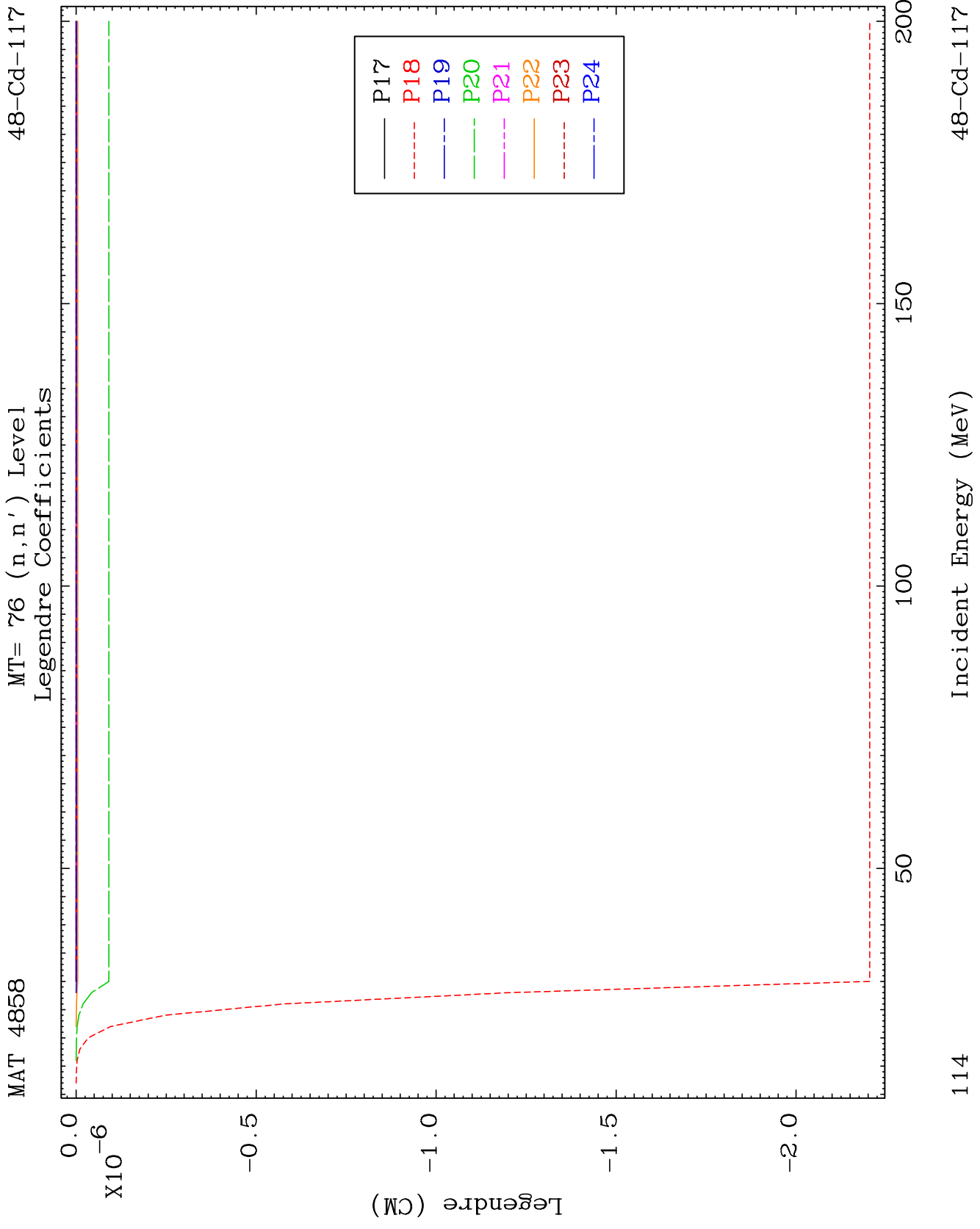
48-Cd-117



113

Incident Energy (MeV)

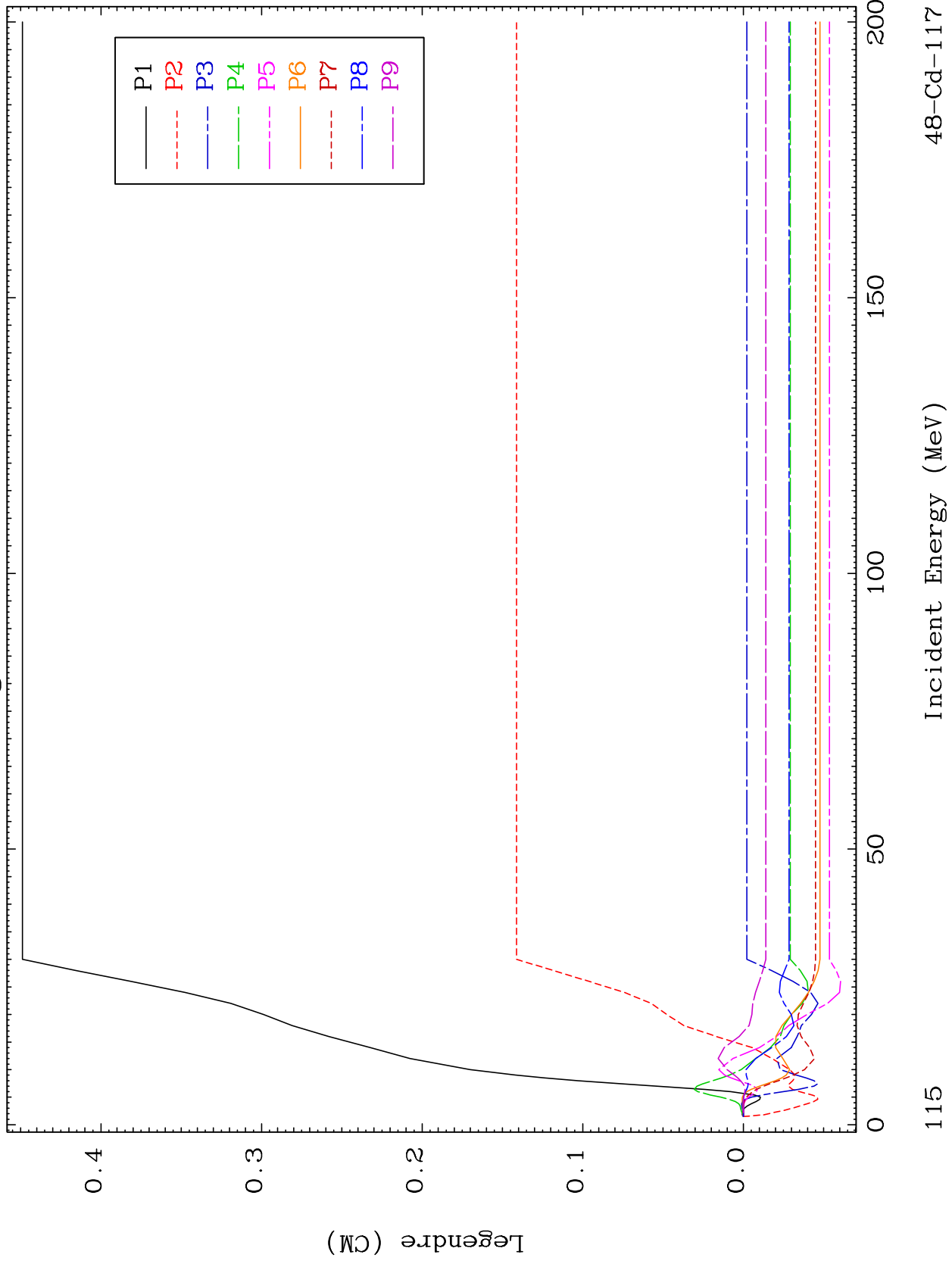
48-Cd-117



MAT 4858

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

48-Cd-117



48-Cd-117

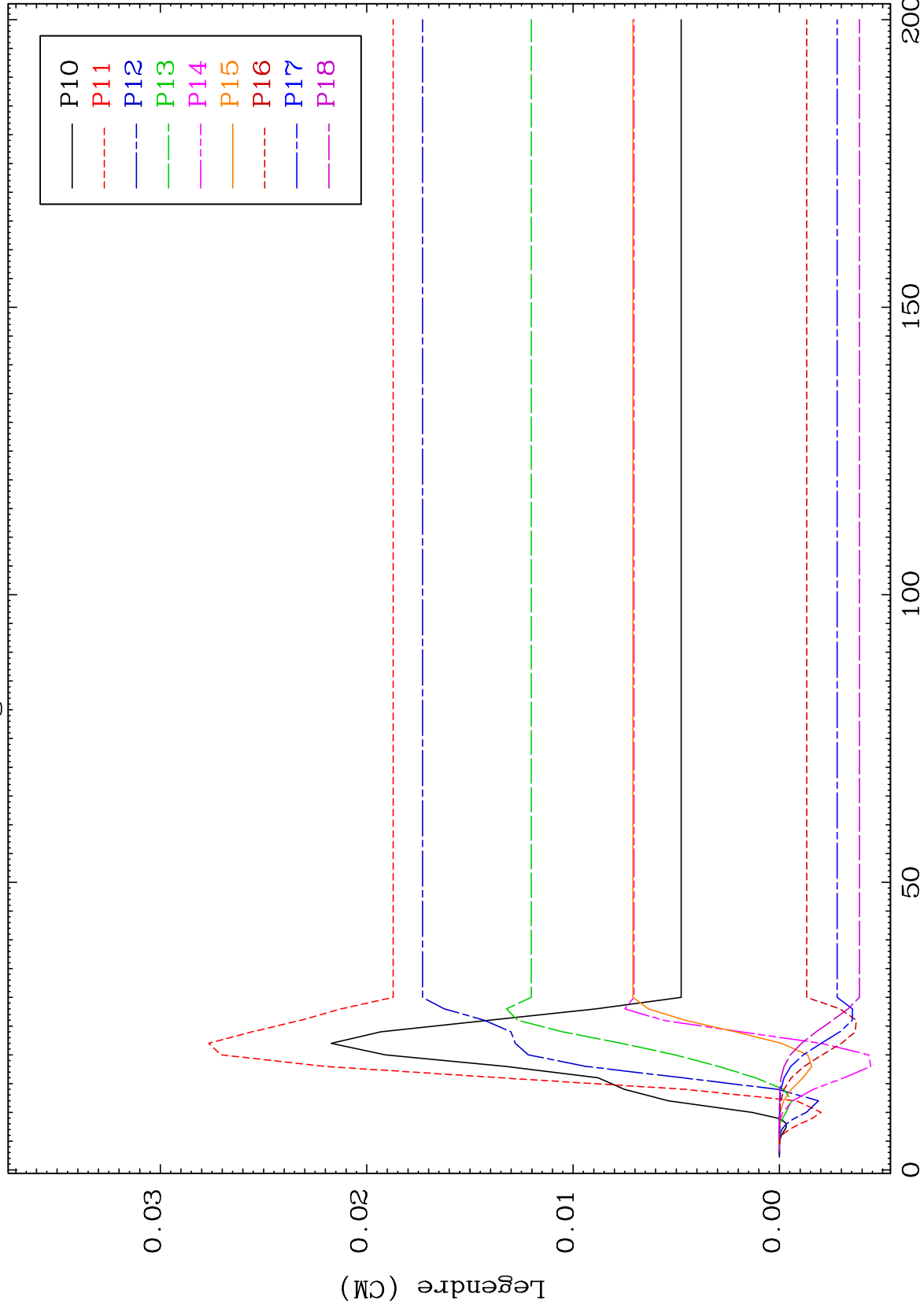
Incident Energy (MeV)

115

MAT 4858

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

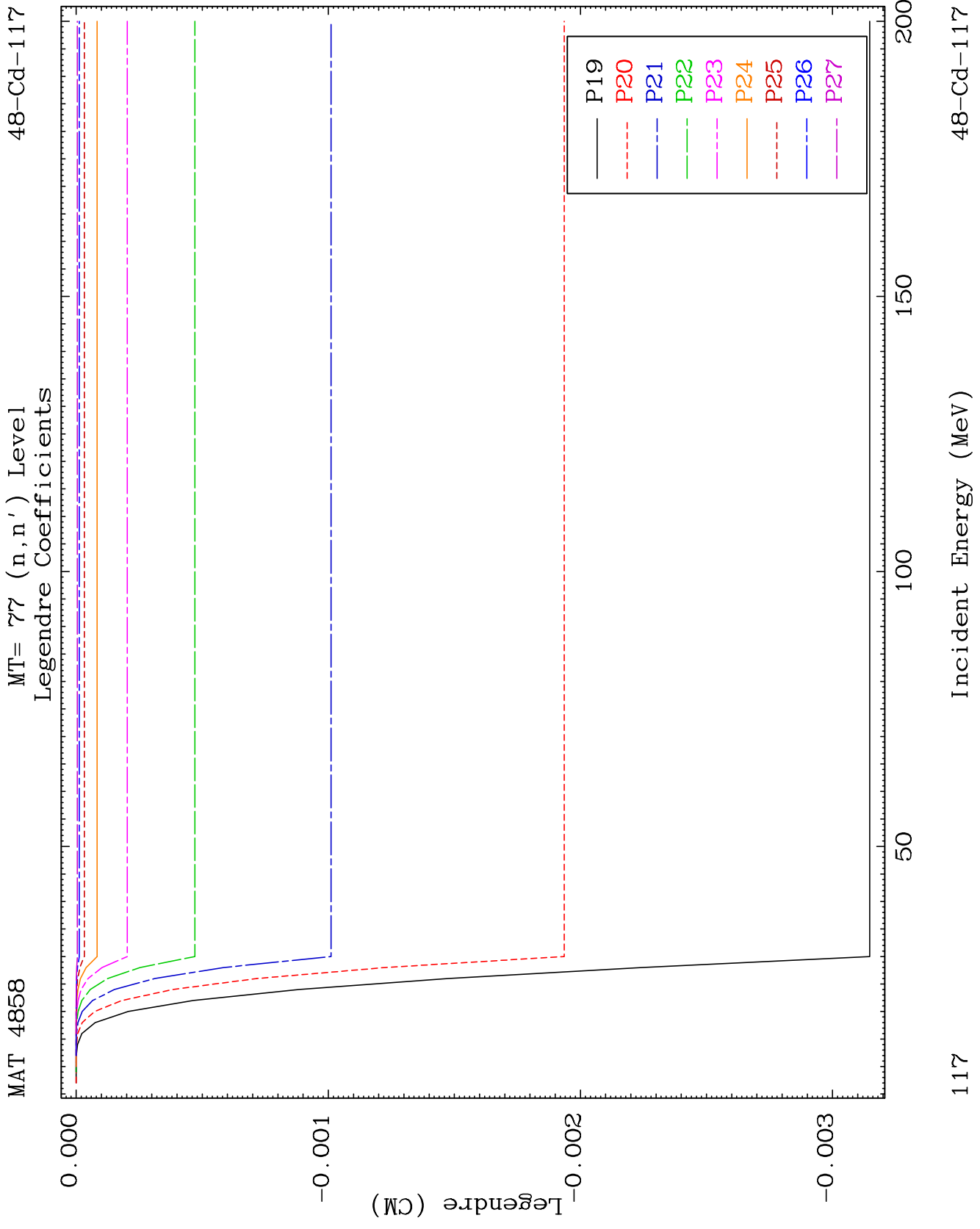
48-Cd-117

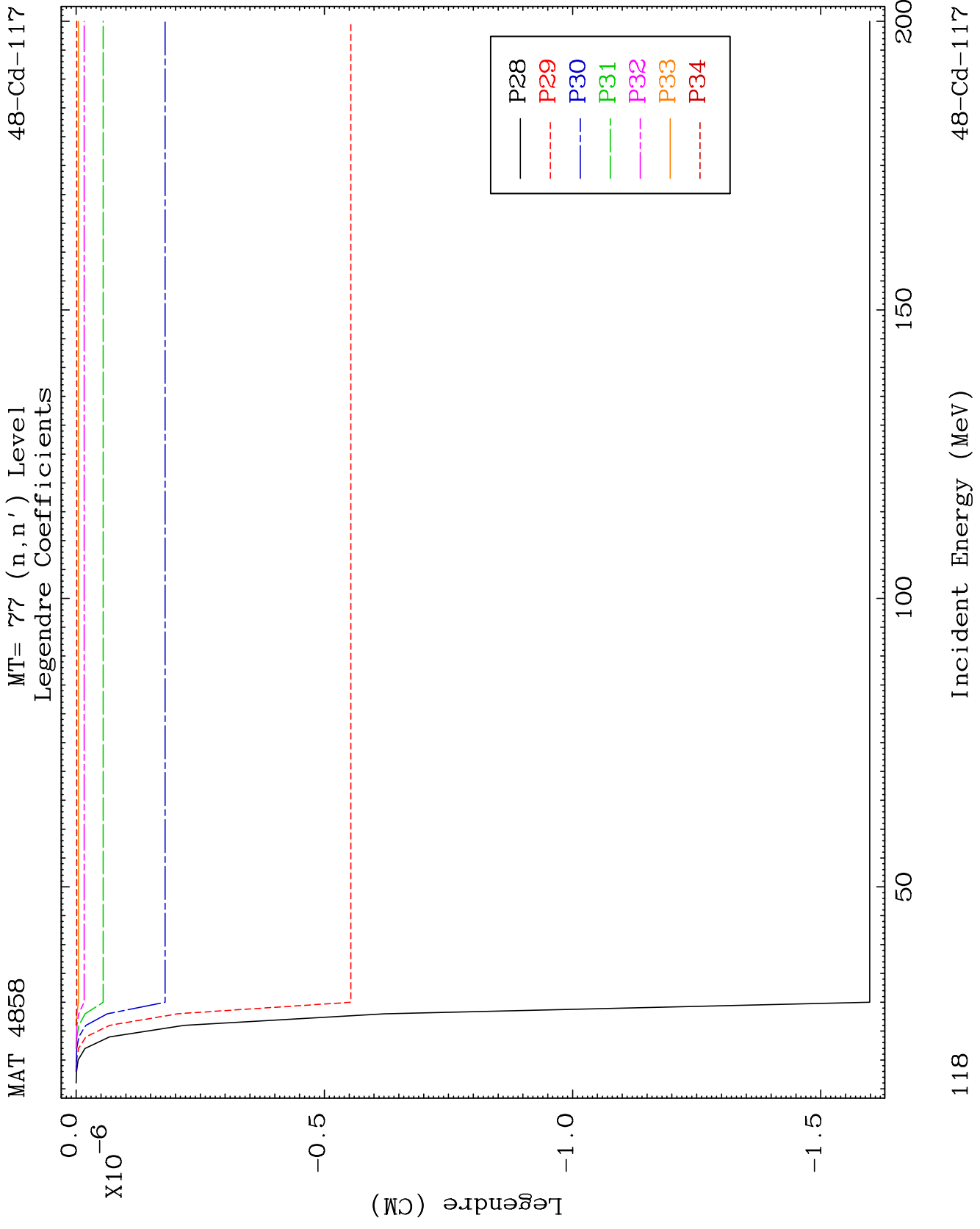


116

Incident Energy (MeV)

48-Cd-117

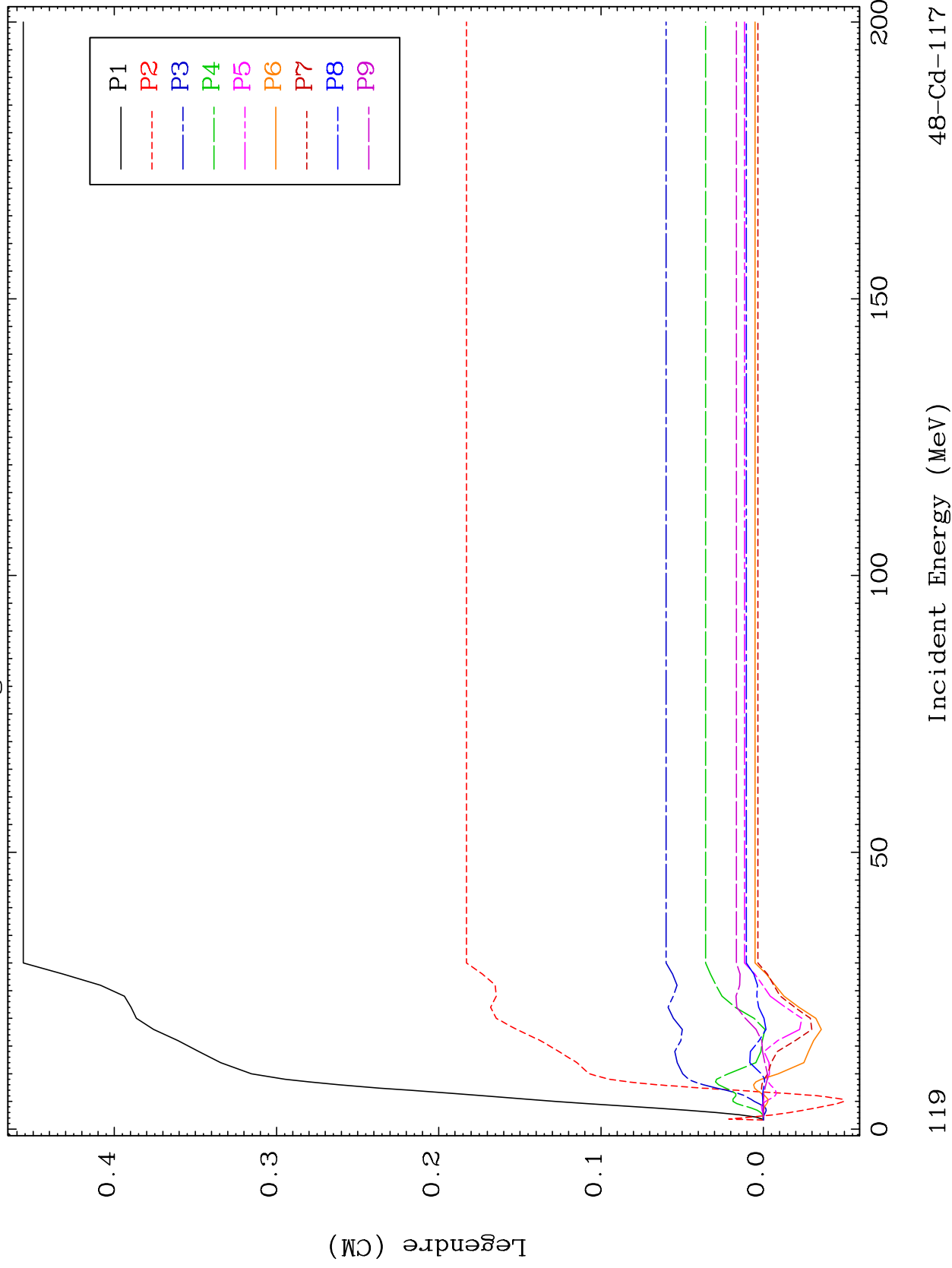




MAT 4858

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

48-Cd-117



119

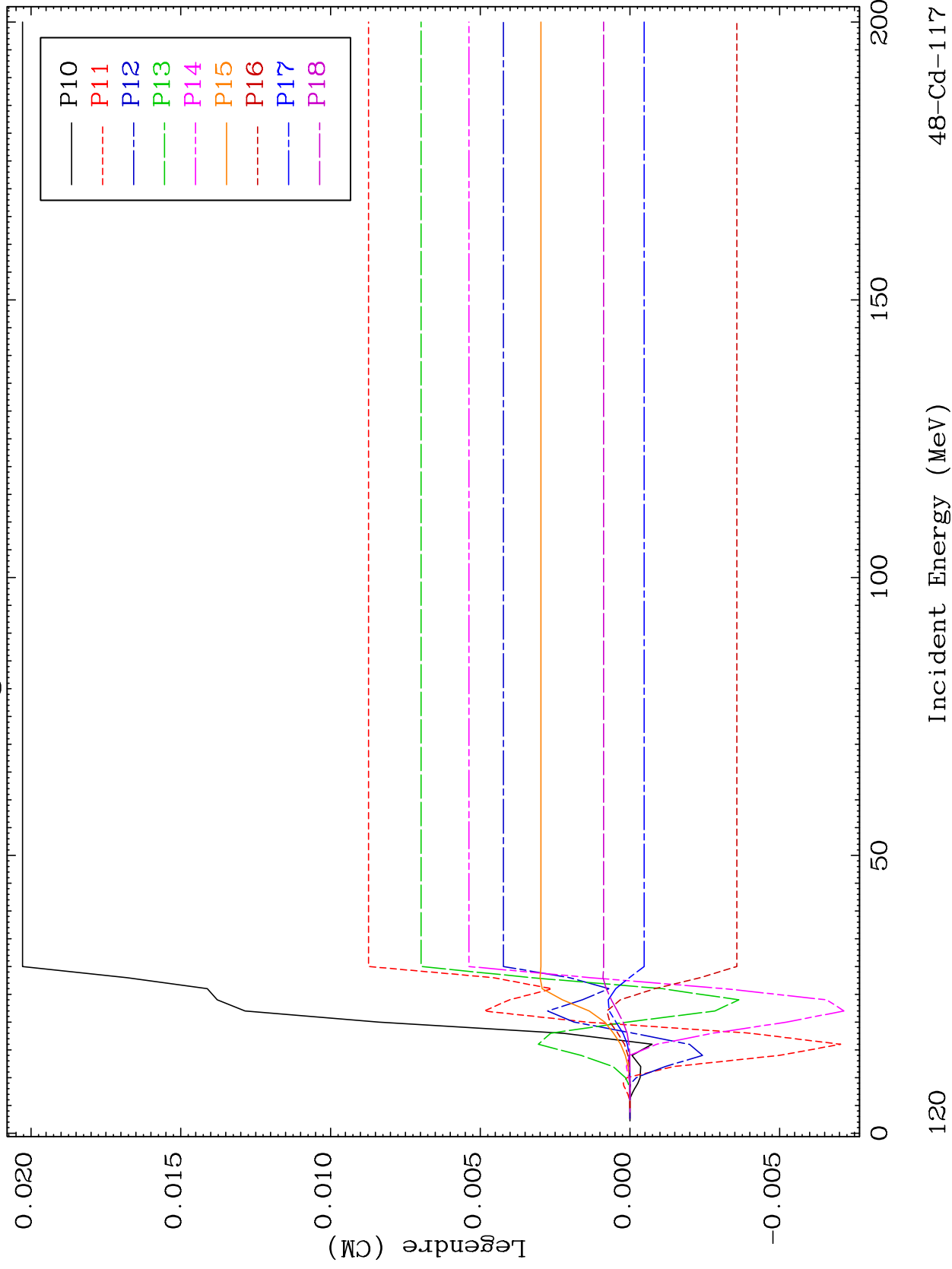
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

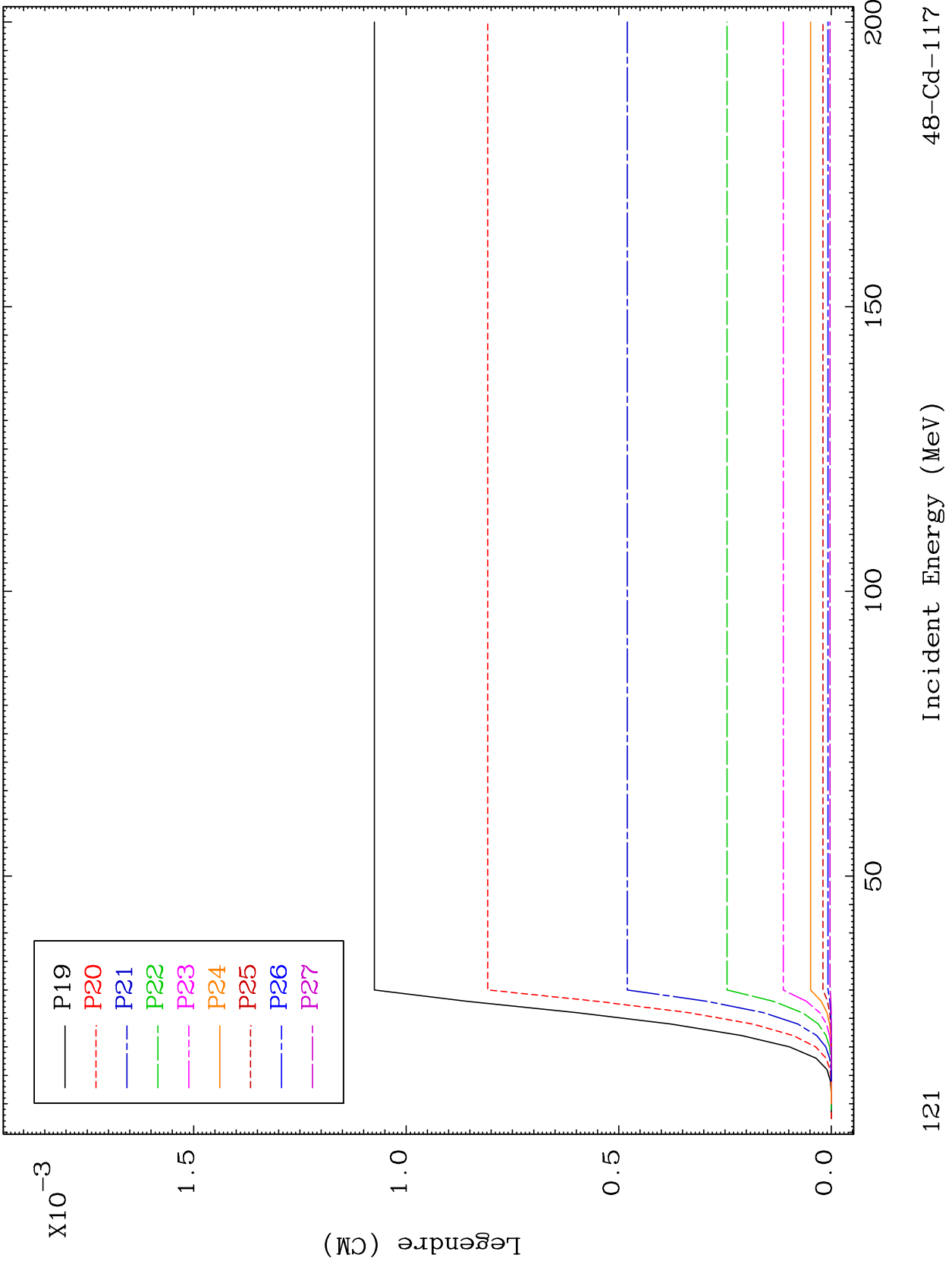
Incident Energy (MeV)

120

MAT 4858

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

48-Cd-117



121

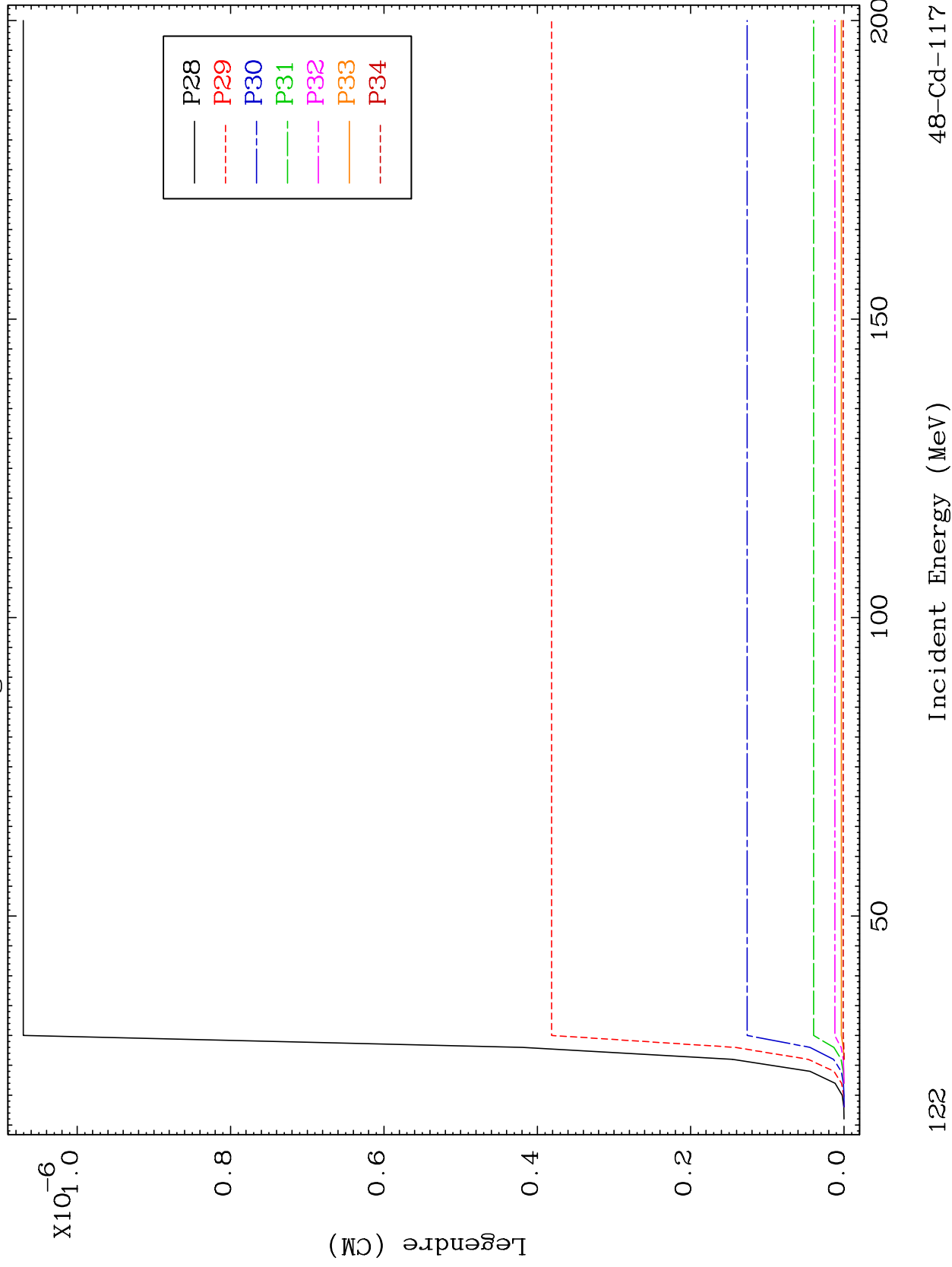
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



122

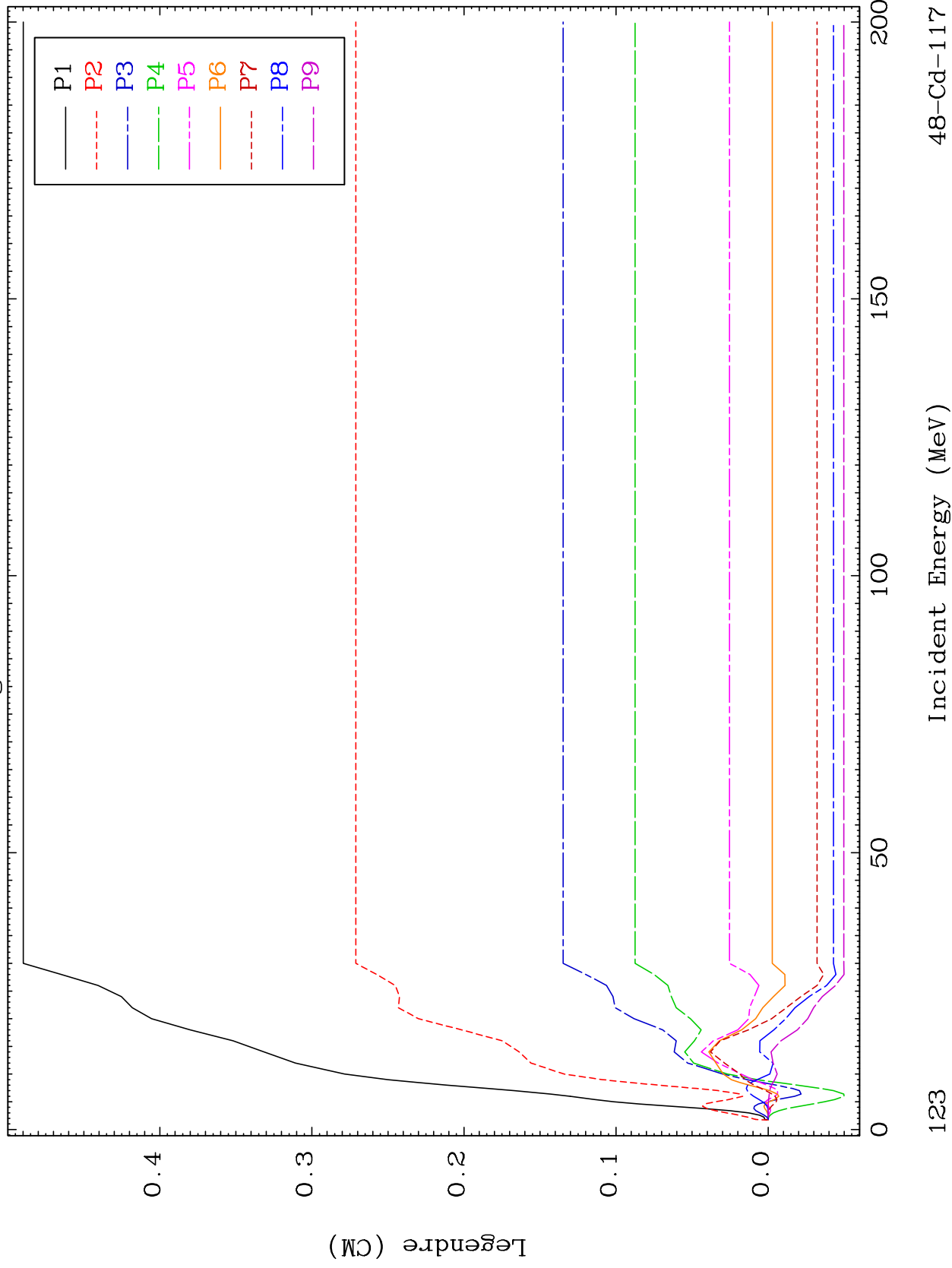
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

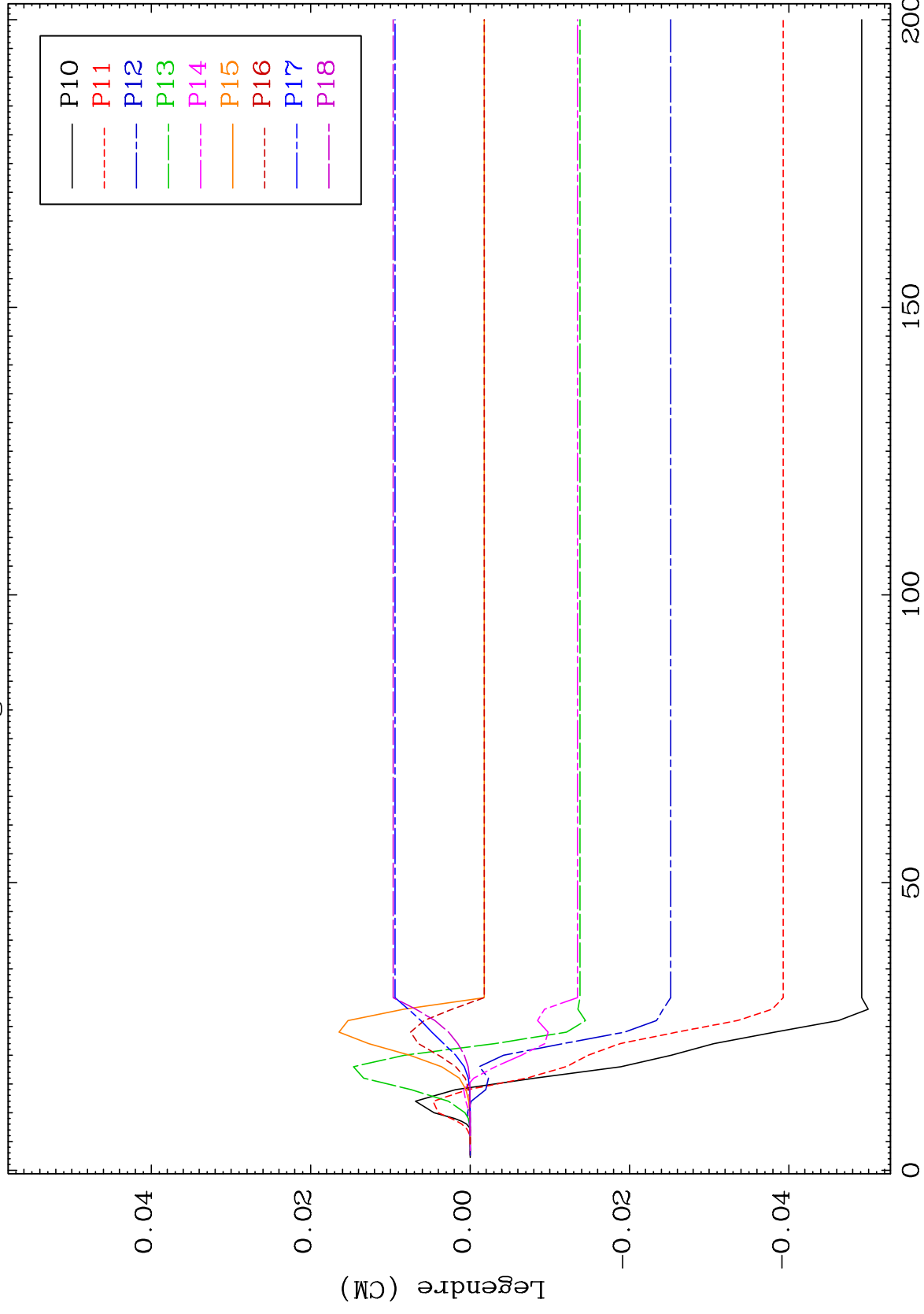
Incident Energy (MeV)

123

MAT 4858

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

48-Cd-117



124

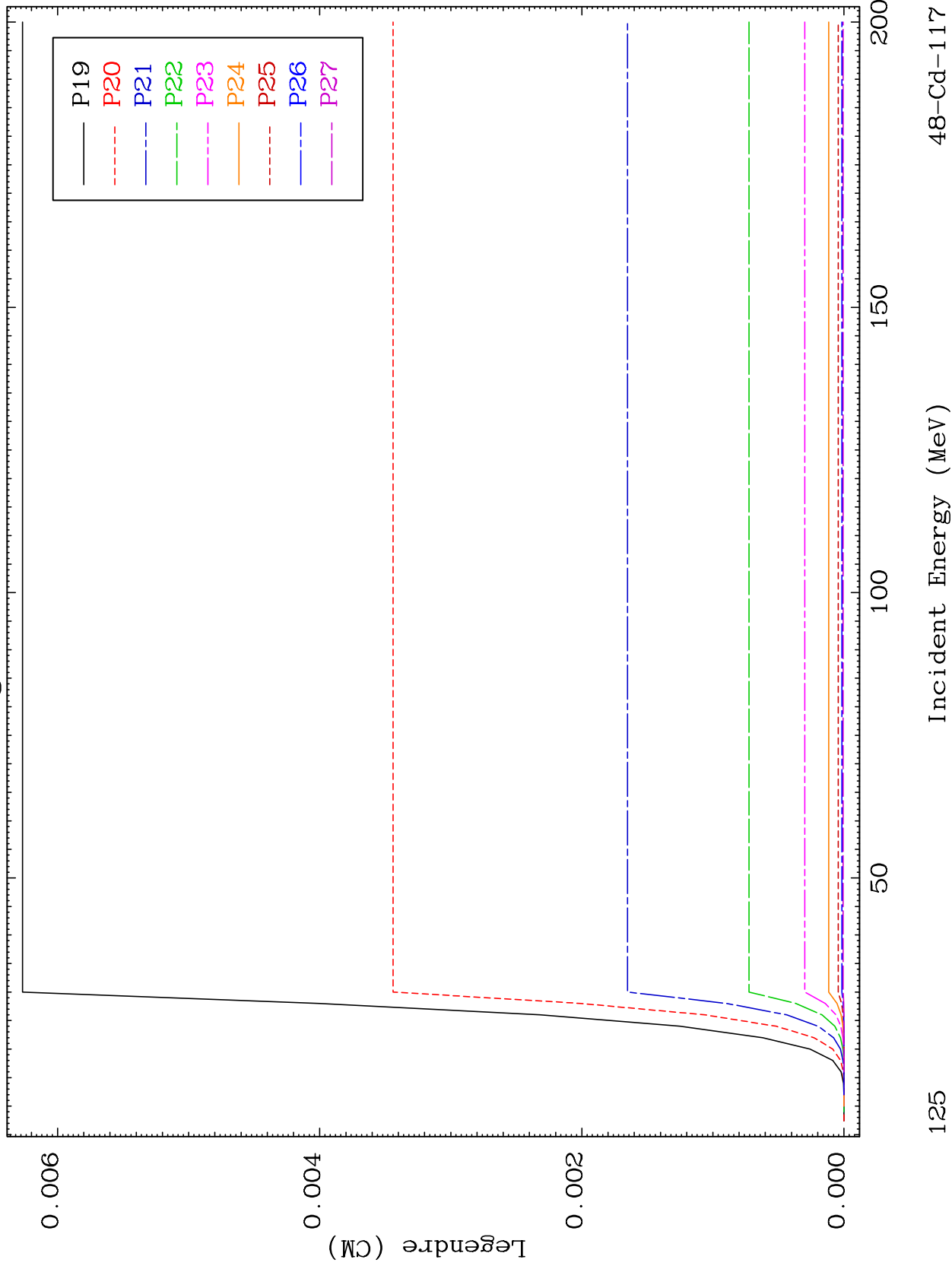
Incident Energy (MeV)

48-Cd-117

MAT 4858

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

48-Cd-117



48-Cd-117

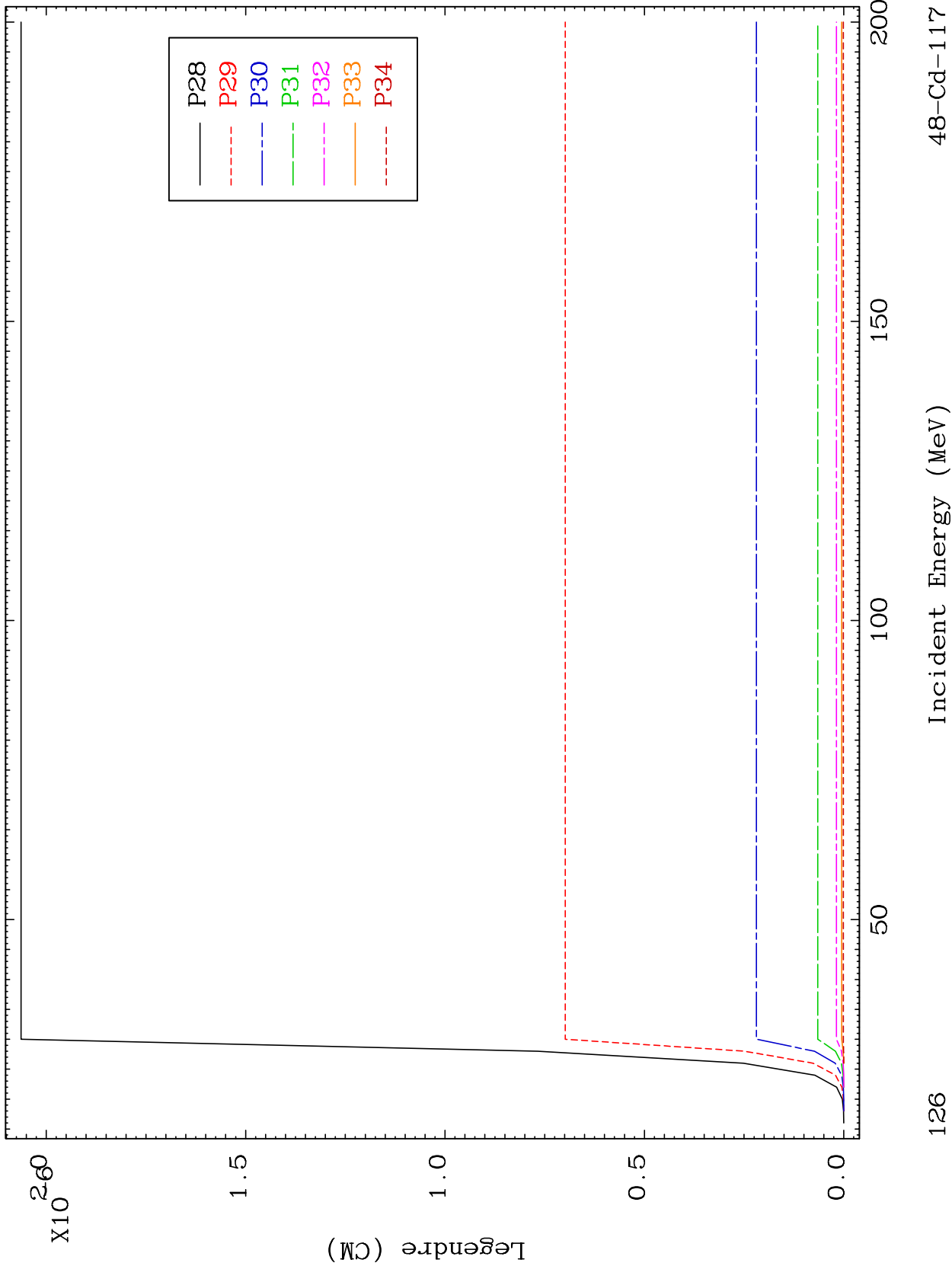
Incident Energy (MeV)

125

MAT 4858

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

48-Cd-117



126

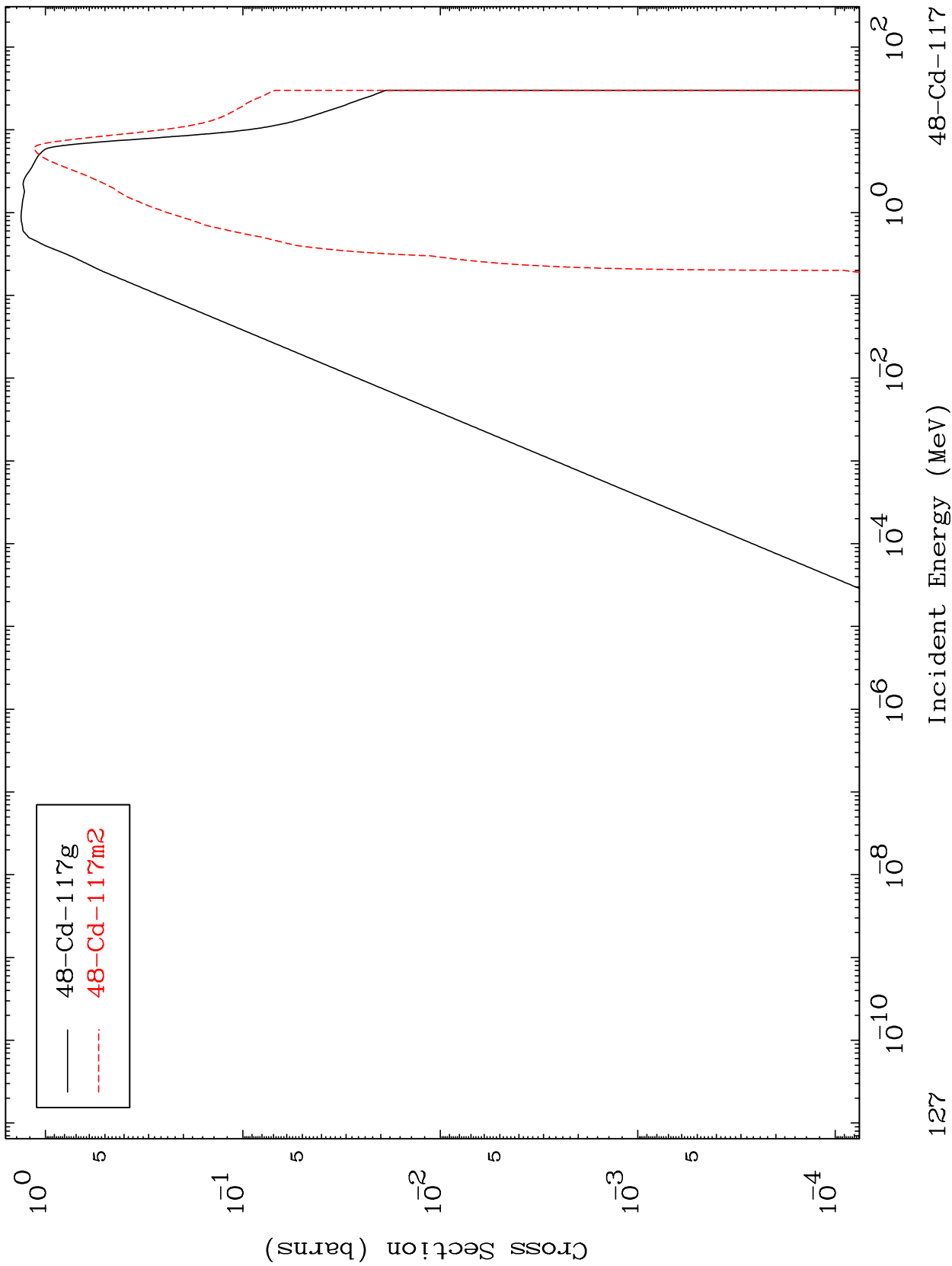
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

Inelastic
Radionuclide Production Cross Section



127

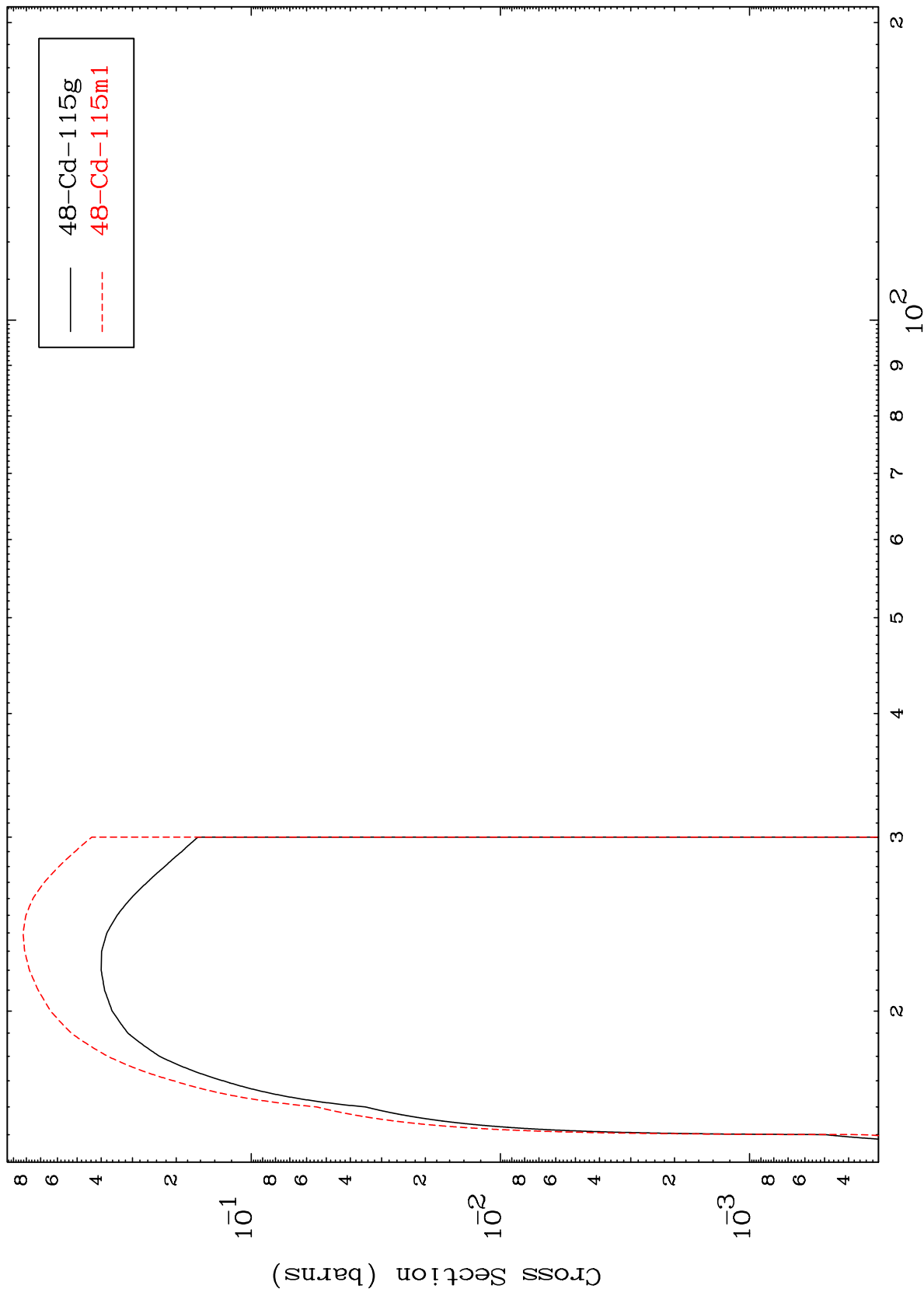
48-Cd-117

MAT 4858

48-Cd-117

(n,3n)

Radionuclide Production Cross Section



128

Incident Energy (MeV)

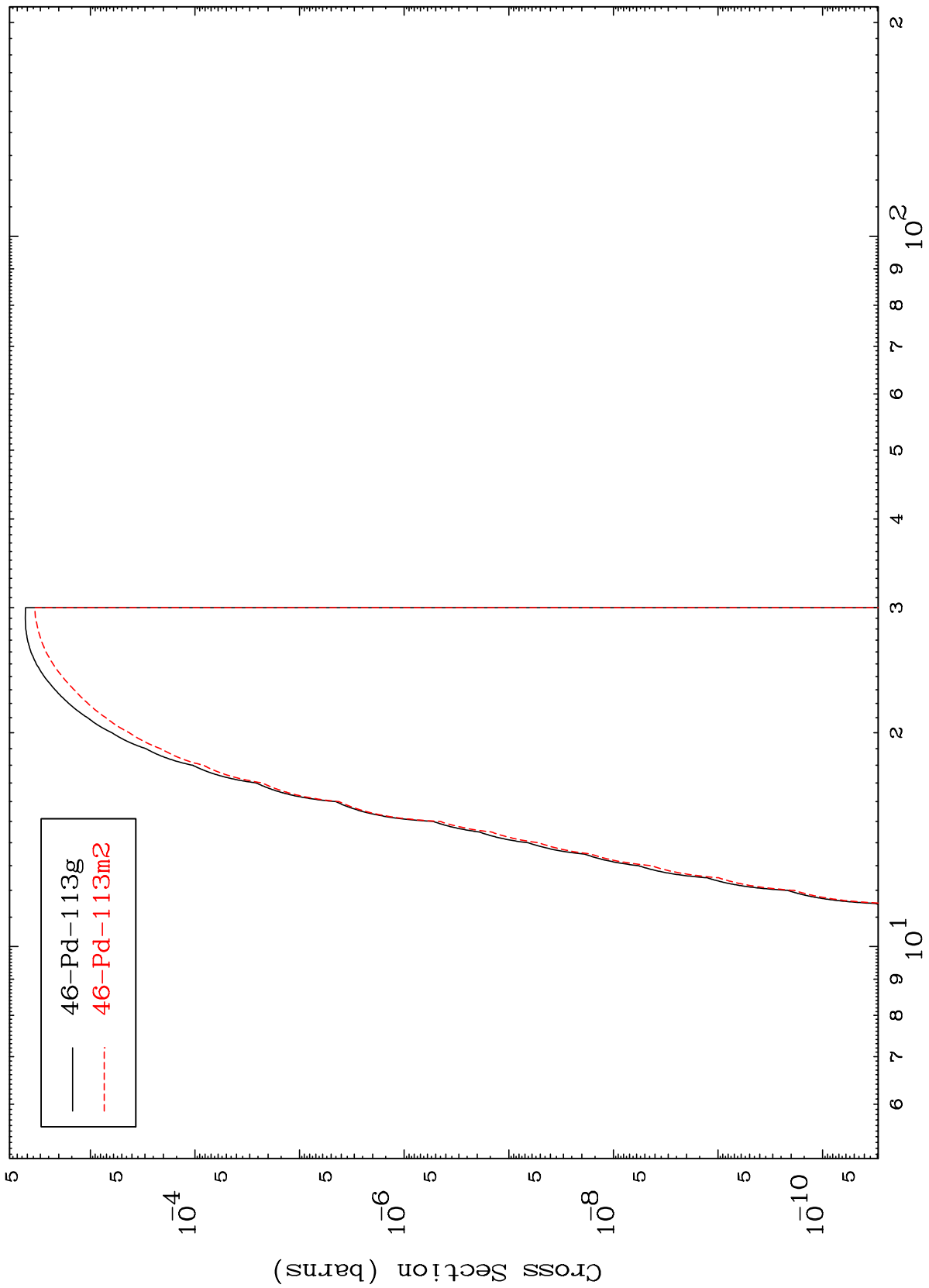
48-Cd-117

MAT 4858

48-Cd-117

(n,n') α

Radionuclide Production Cross Section



129

Incident Energy (MeV)

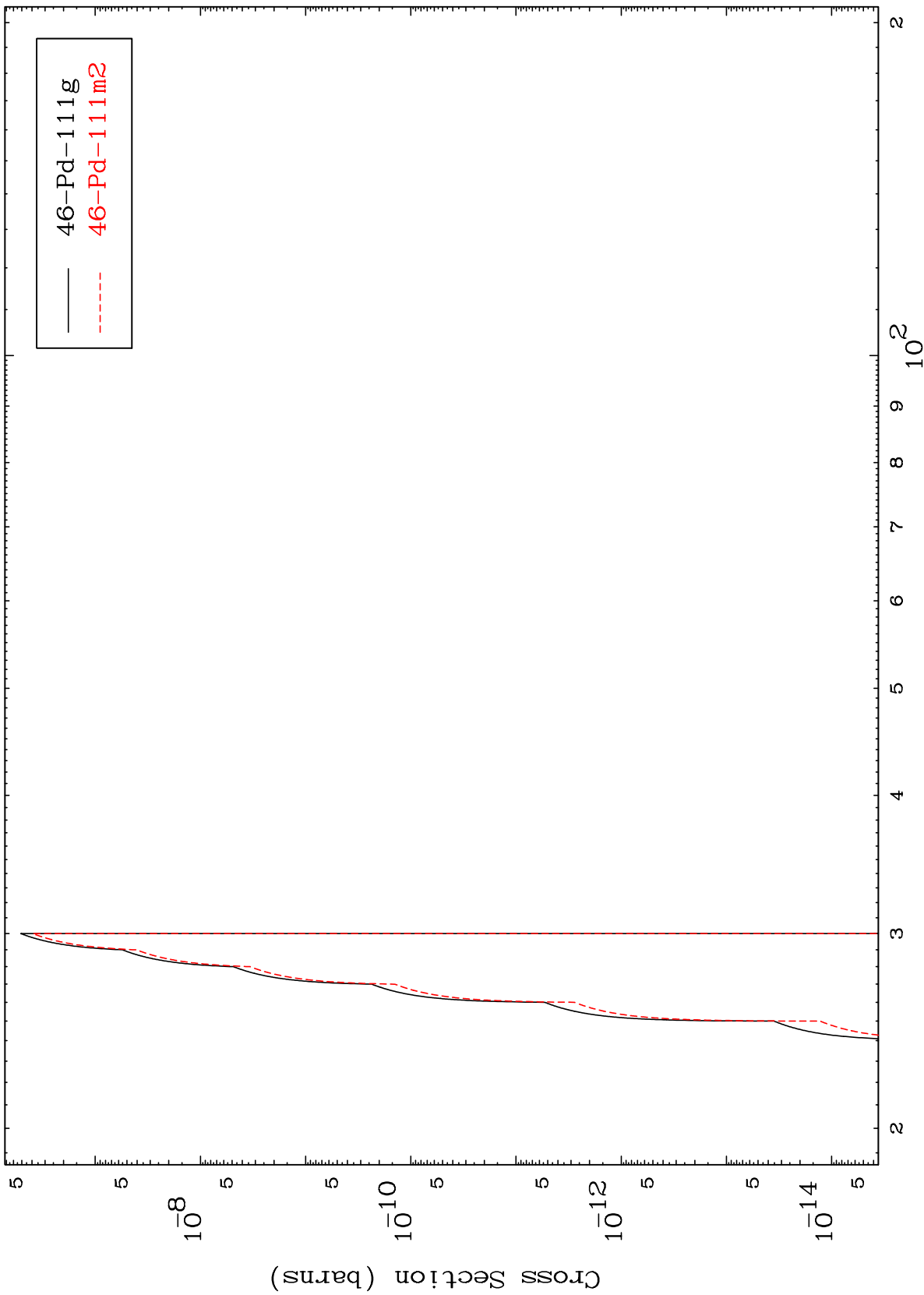
48-Cd-117

MAT 4858

(n,3n) α

48-Cd-117

Radionuclide Production Cross Section



130

Incident Energy (MeV)

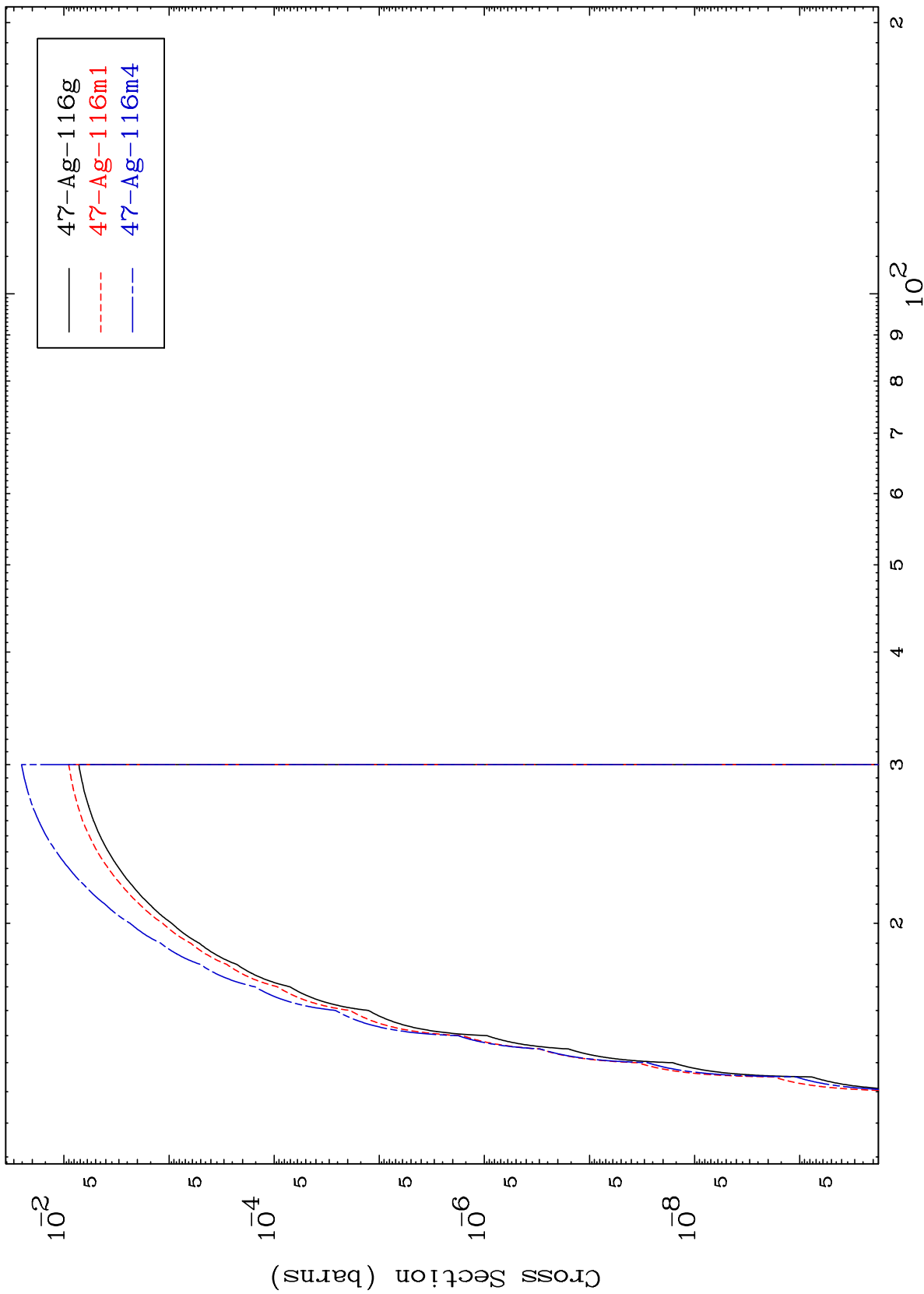
48-Cd-117

MAT 4858

(n,n') p

48-Cd-117

Radionuclide Production Cross Section

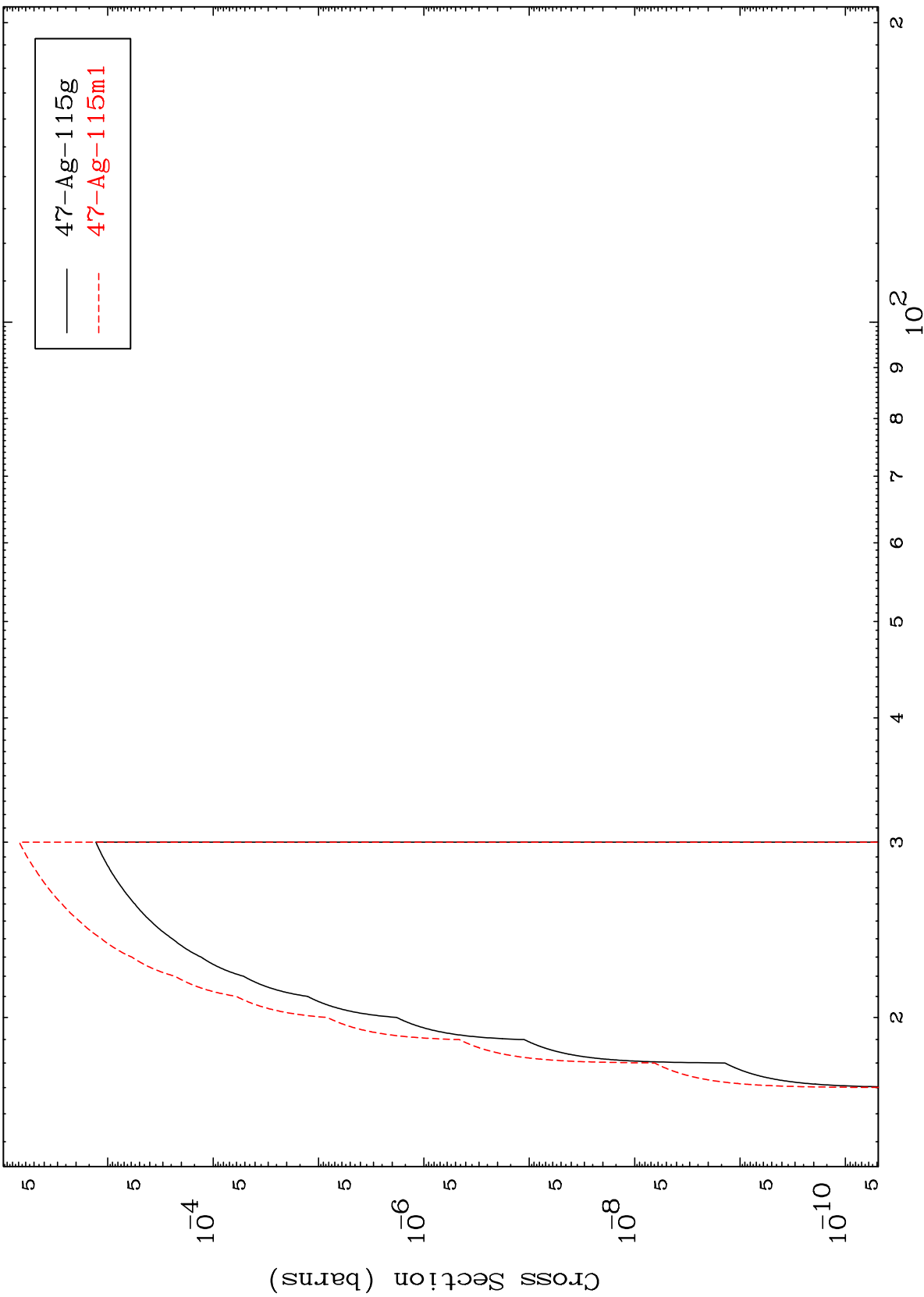


131

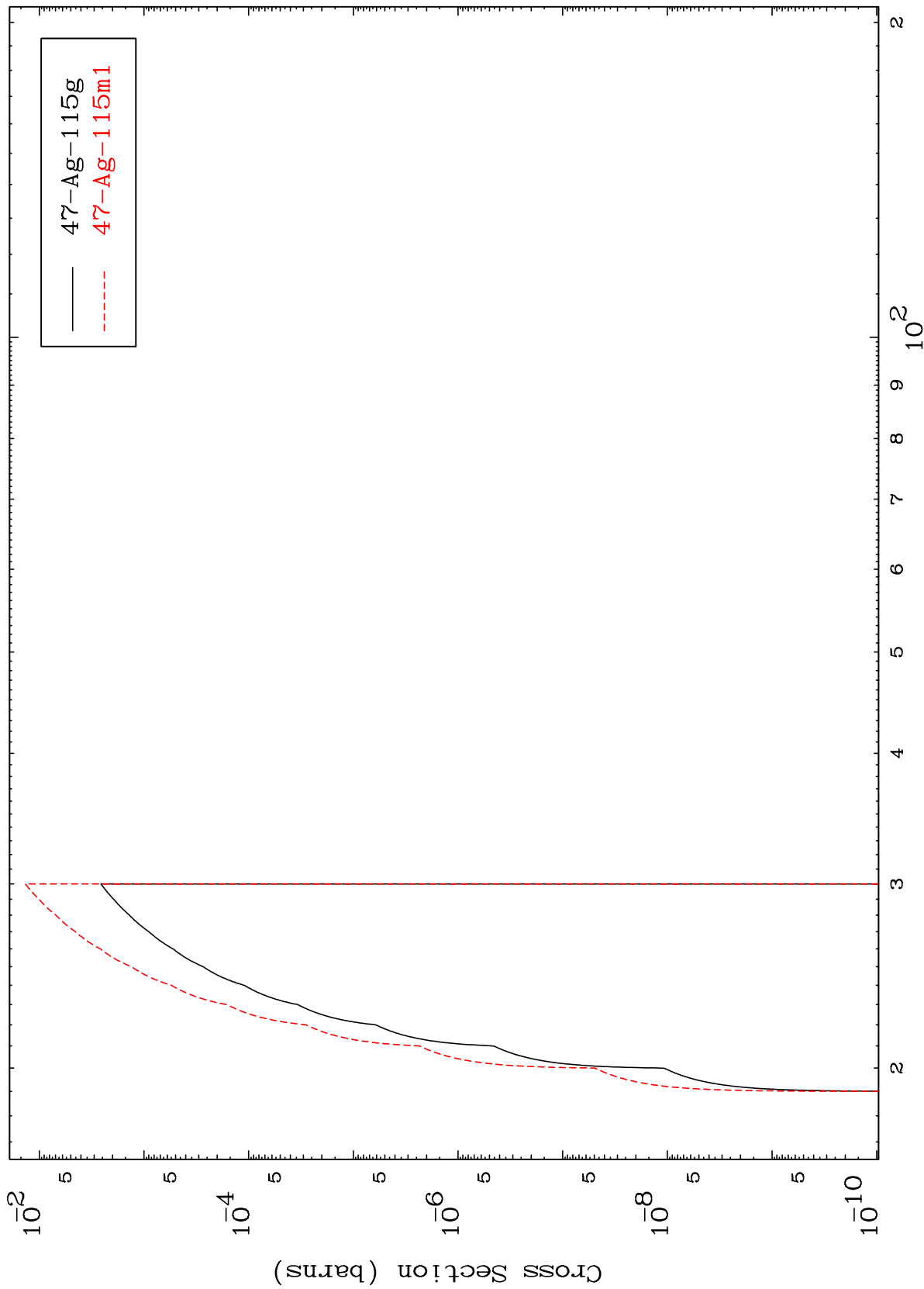
Incident Energy (MeV)

48-Cd-117

Radionuclide Production Cross Section



Radionuclide Production Cross Section

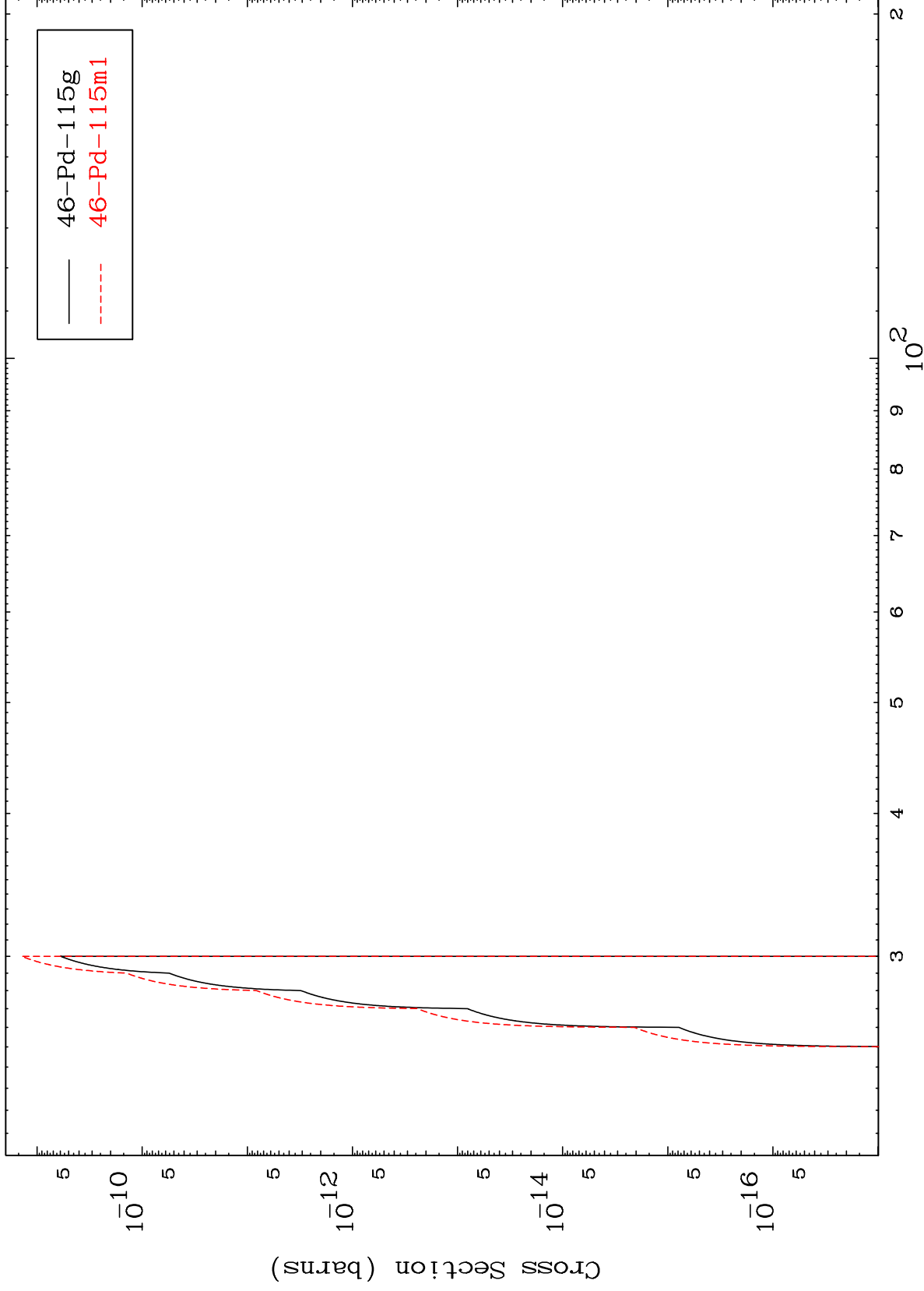


MAT 4858

(n,2n) p

48-Cd-117

Radionuclide Production Cross Section



134

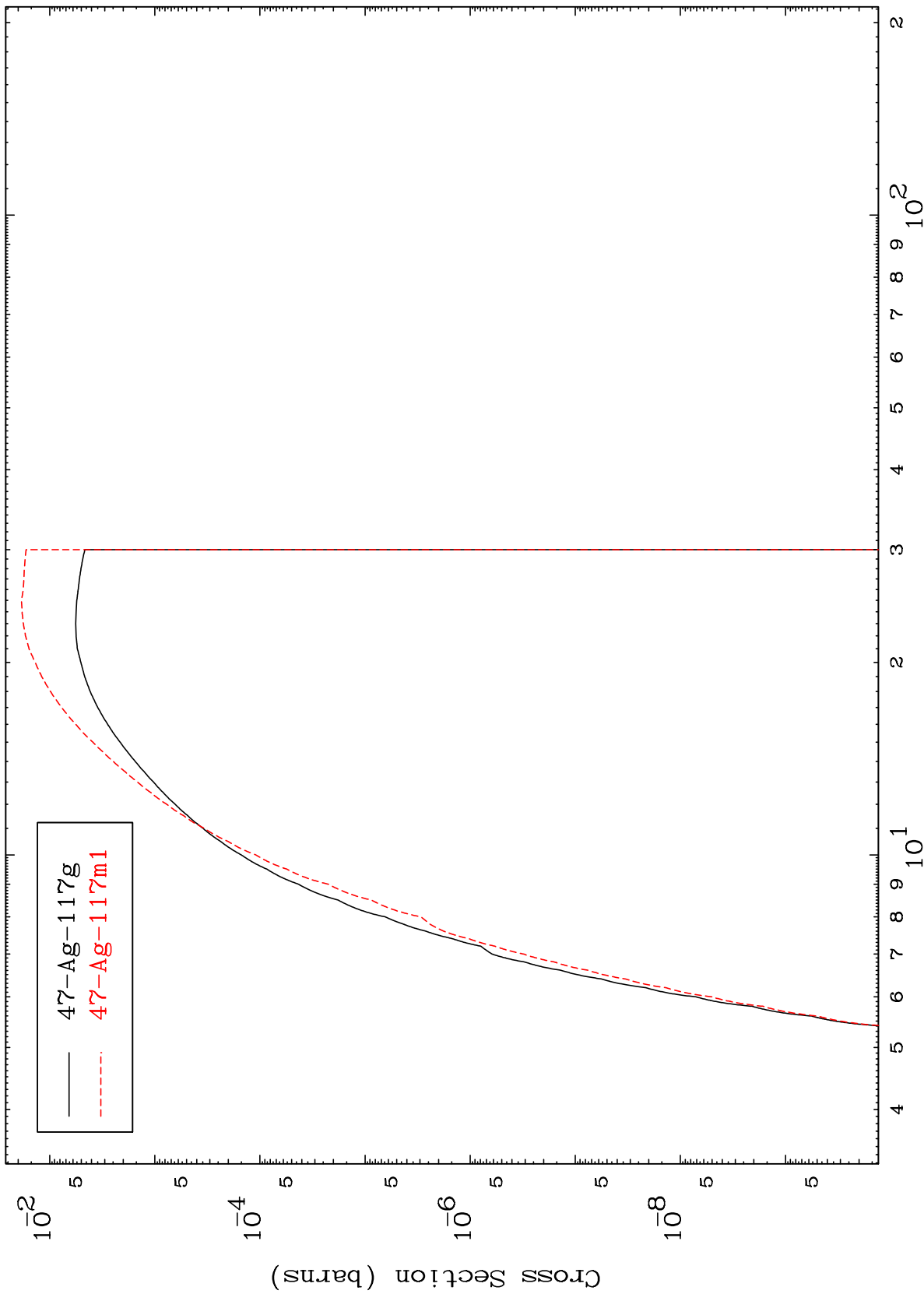
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

(n,p)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

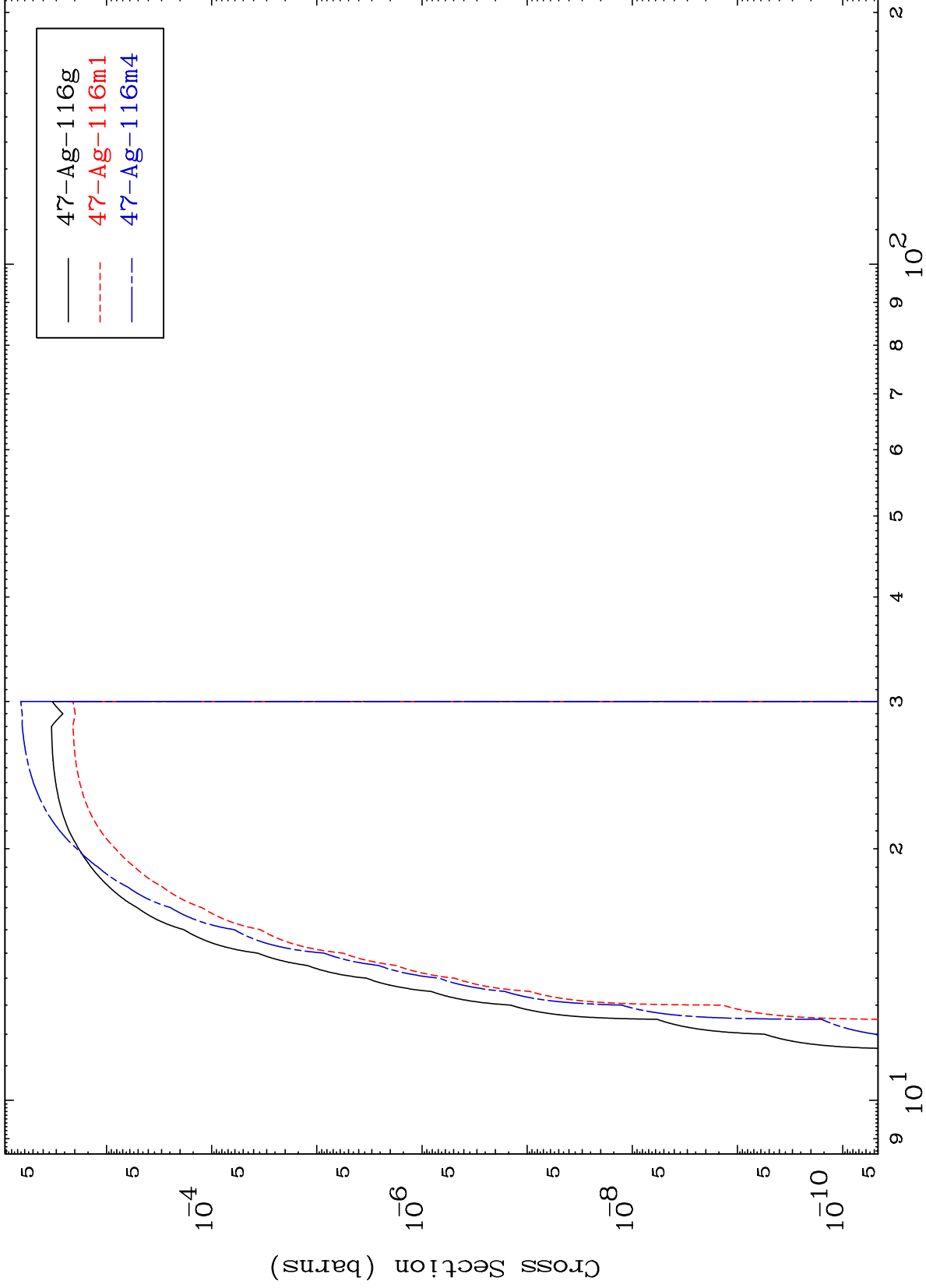
48-Cd-117

MAT 4858

(n,d)

48-Cd-117

Radionuclide Production Cross Section



136

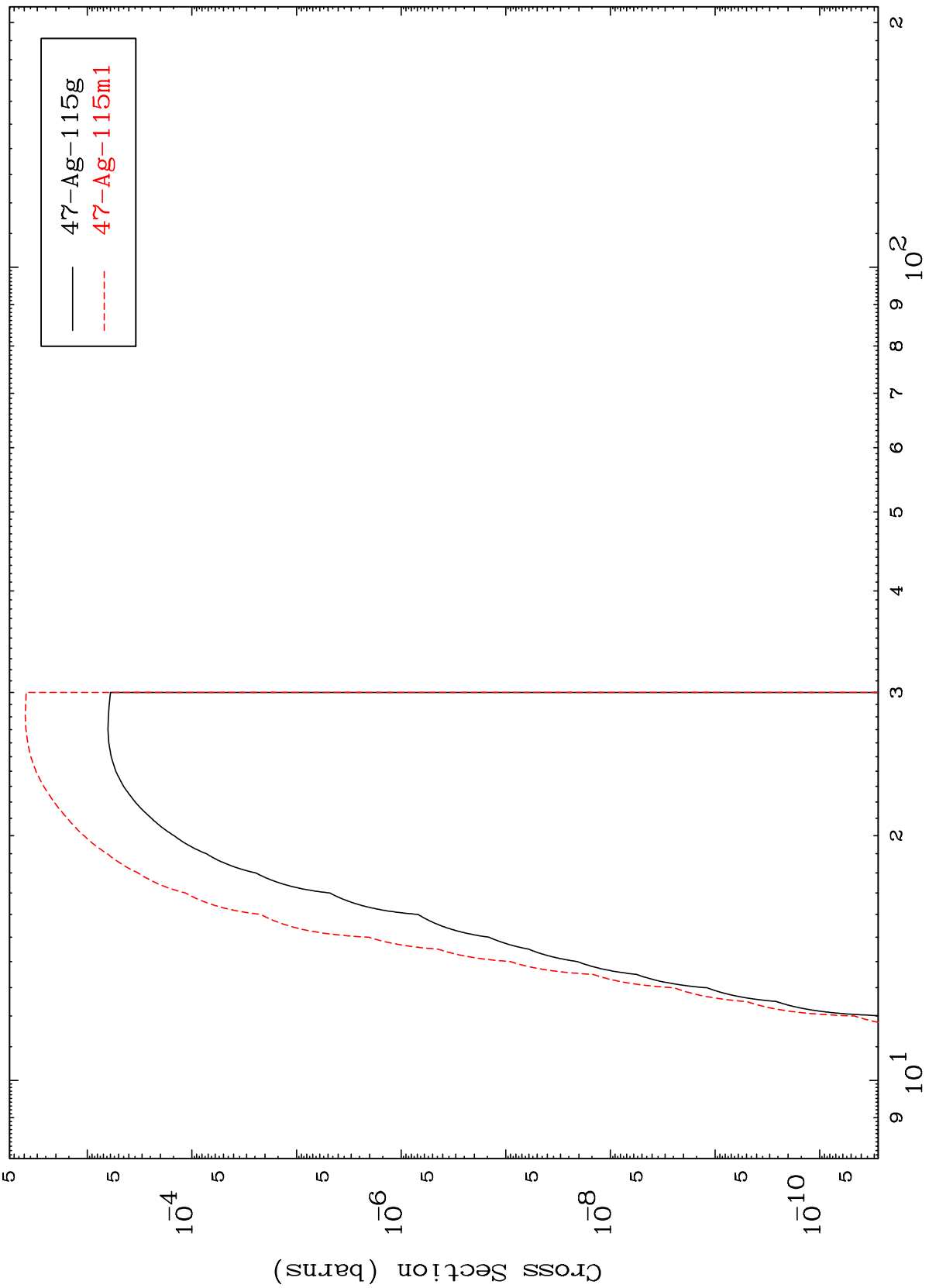
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

(n,t)
Radionuclide Production Cross Section



47-Ag-115g
47-Ag-115m1

137

Incident Energy (MeV)

48-Cd-117

