

Program EVALPLOT
(Version 2018-1)

by

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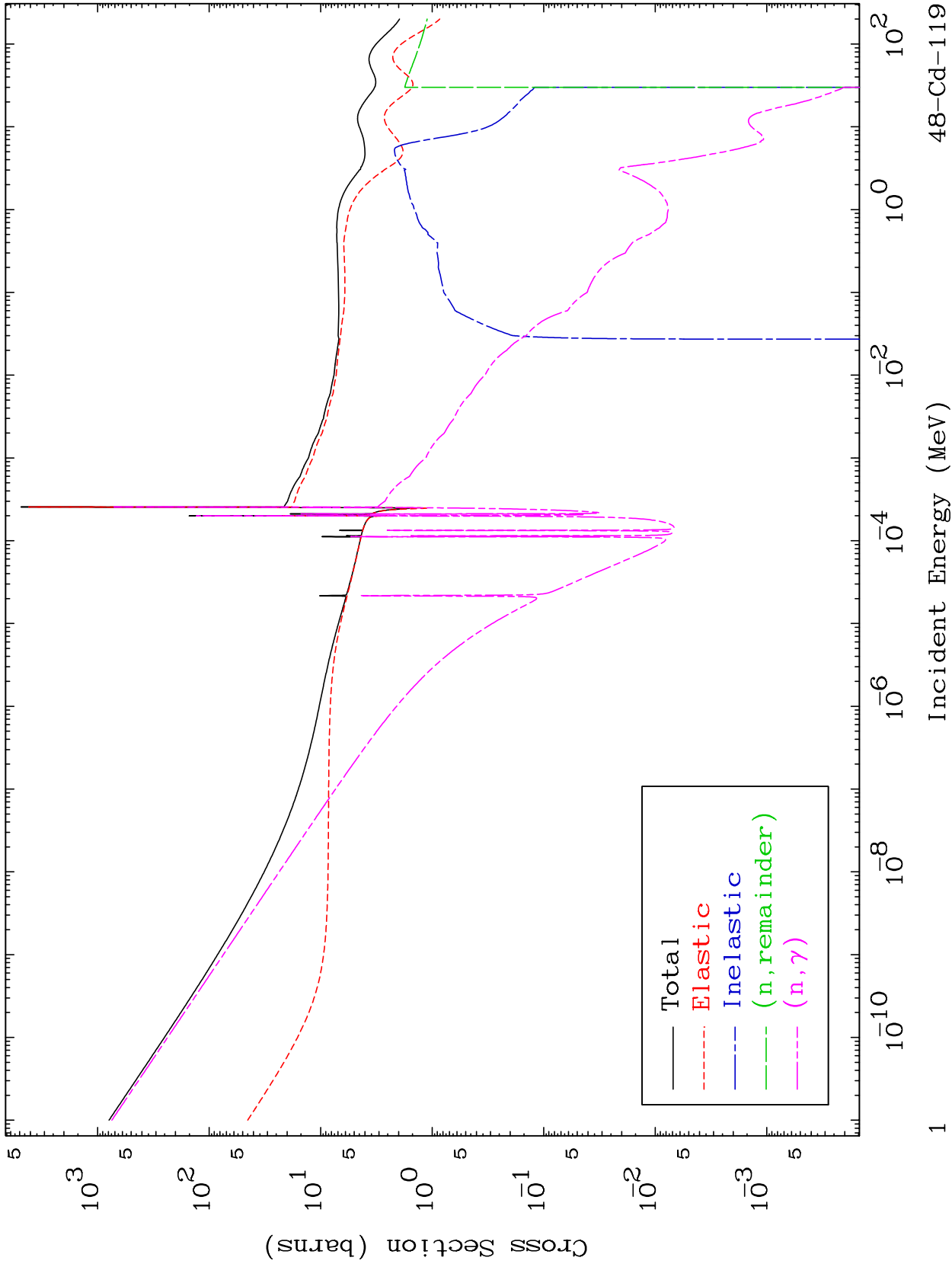
Press Mouse Button to Start

MAT 4864

Major

293 Kelvin Cross Sections

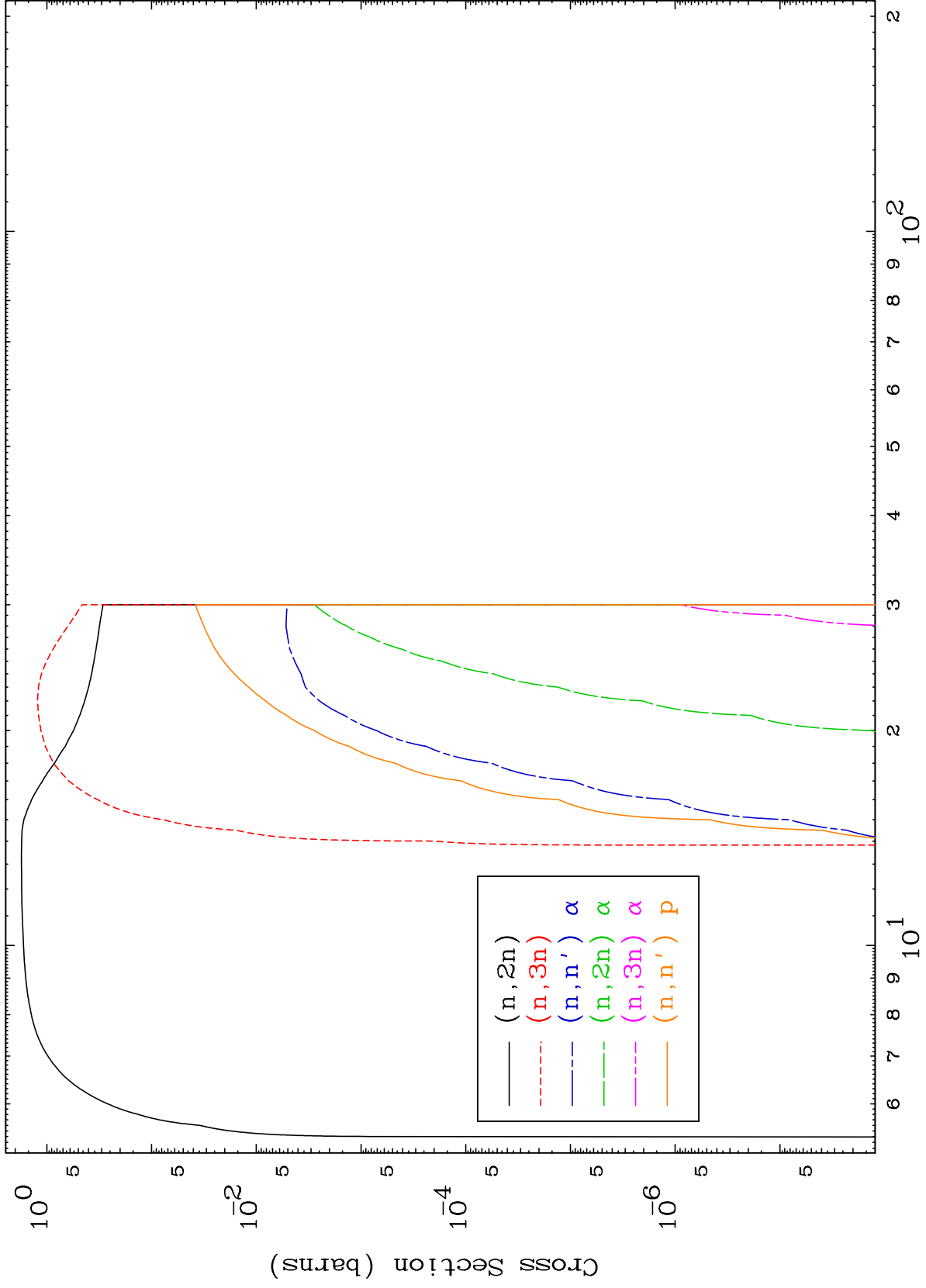
48-Cd-119

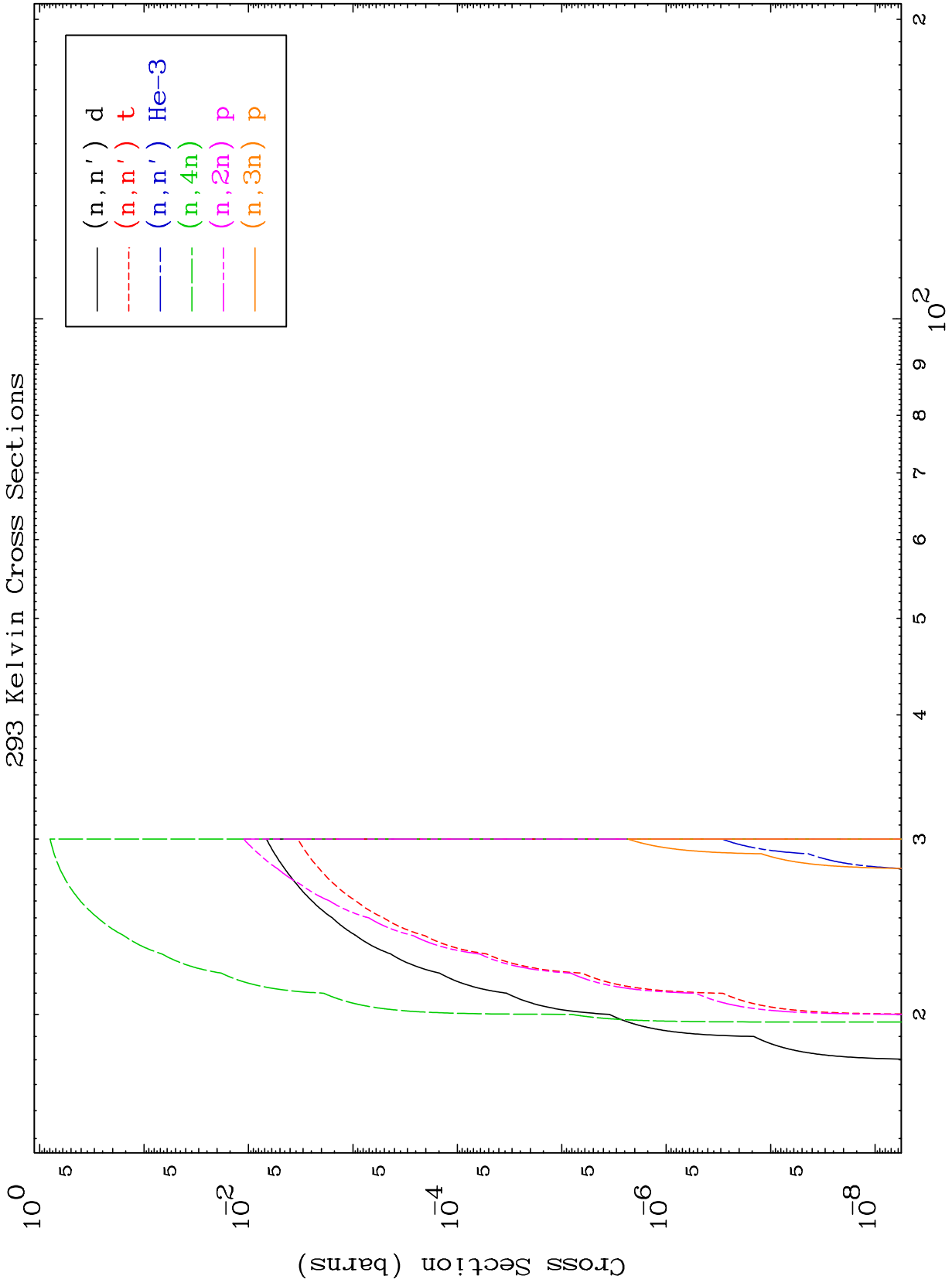


MAT 4864

Neutron Production
293 Kelvin Cross Sections

48-Cd-119

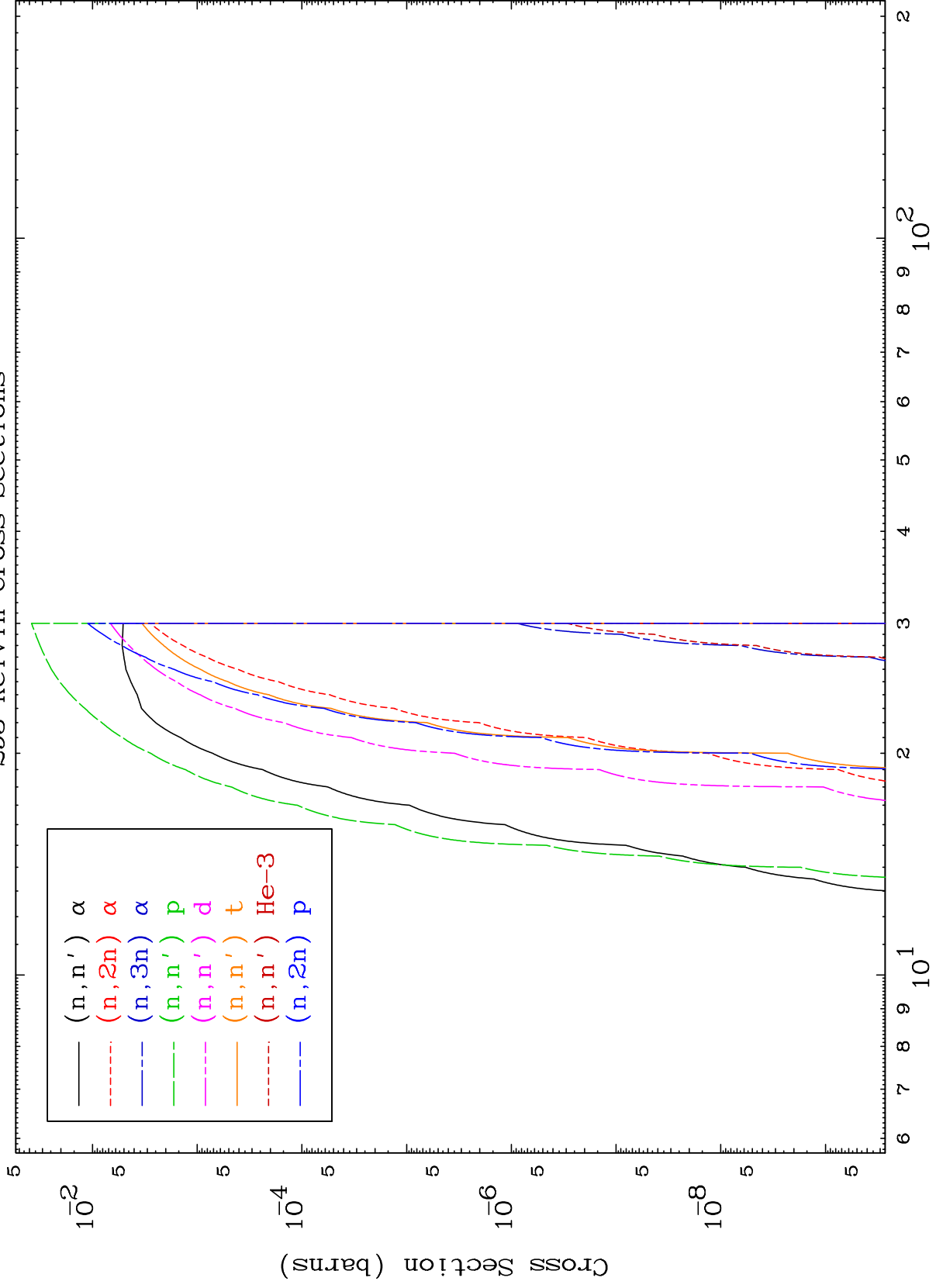




MAT 4864

Charged Particle
293 Kelvin Cross Sections

48-Cd-119



4

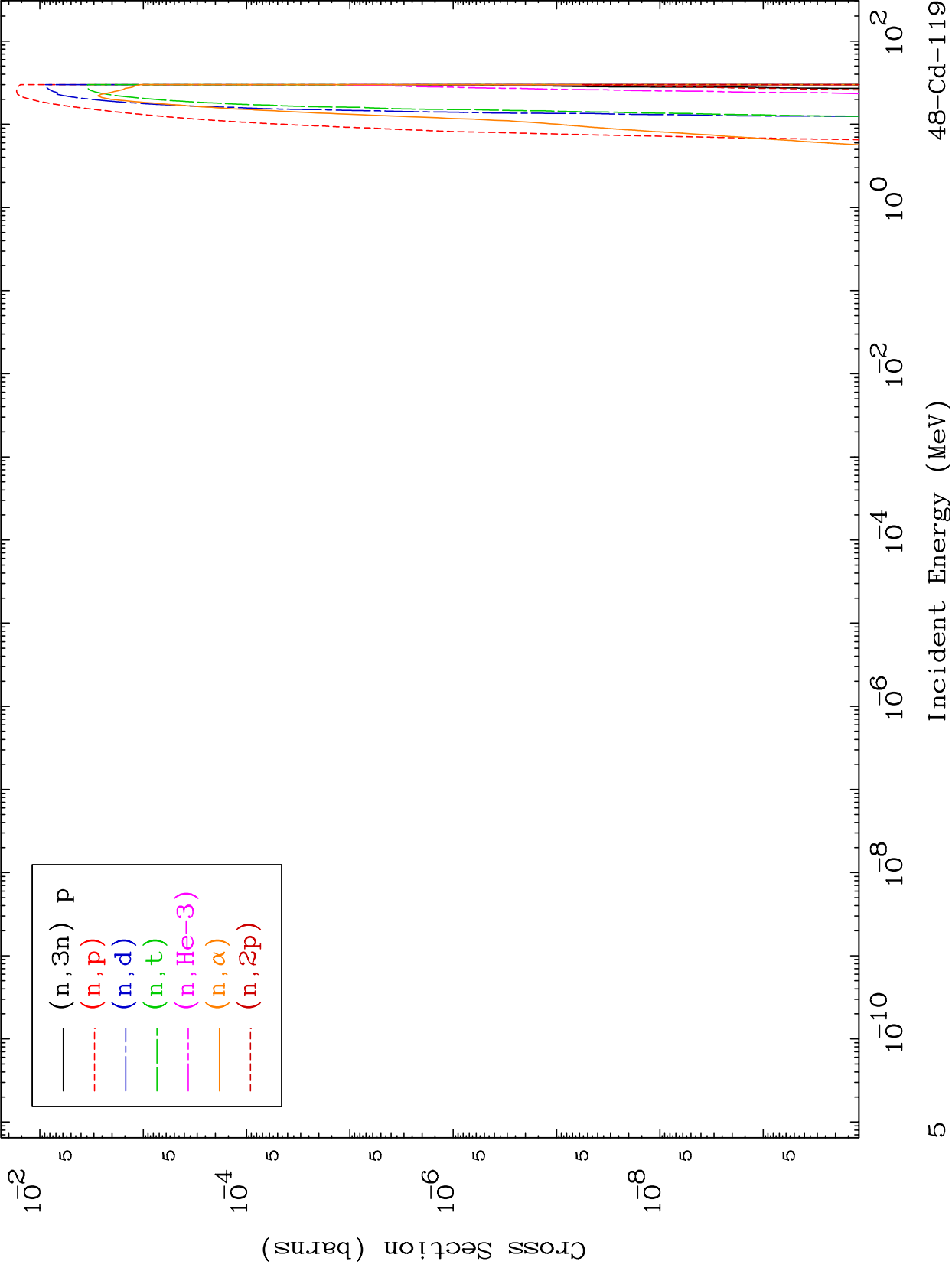
Incident Energy (MeV)

48-Cd-119

MAT 4864

Charged Particle
293 Kelvin Cross Sections

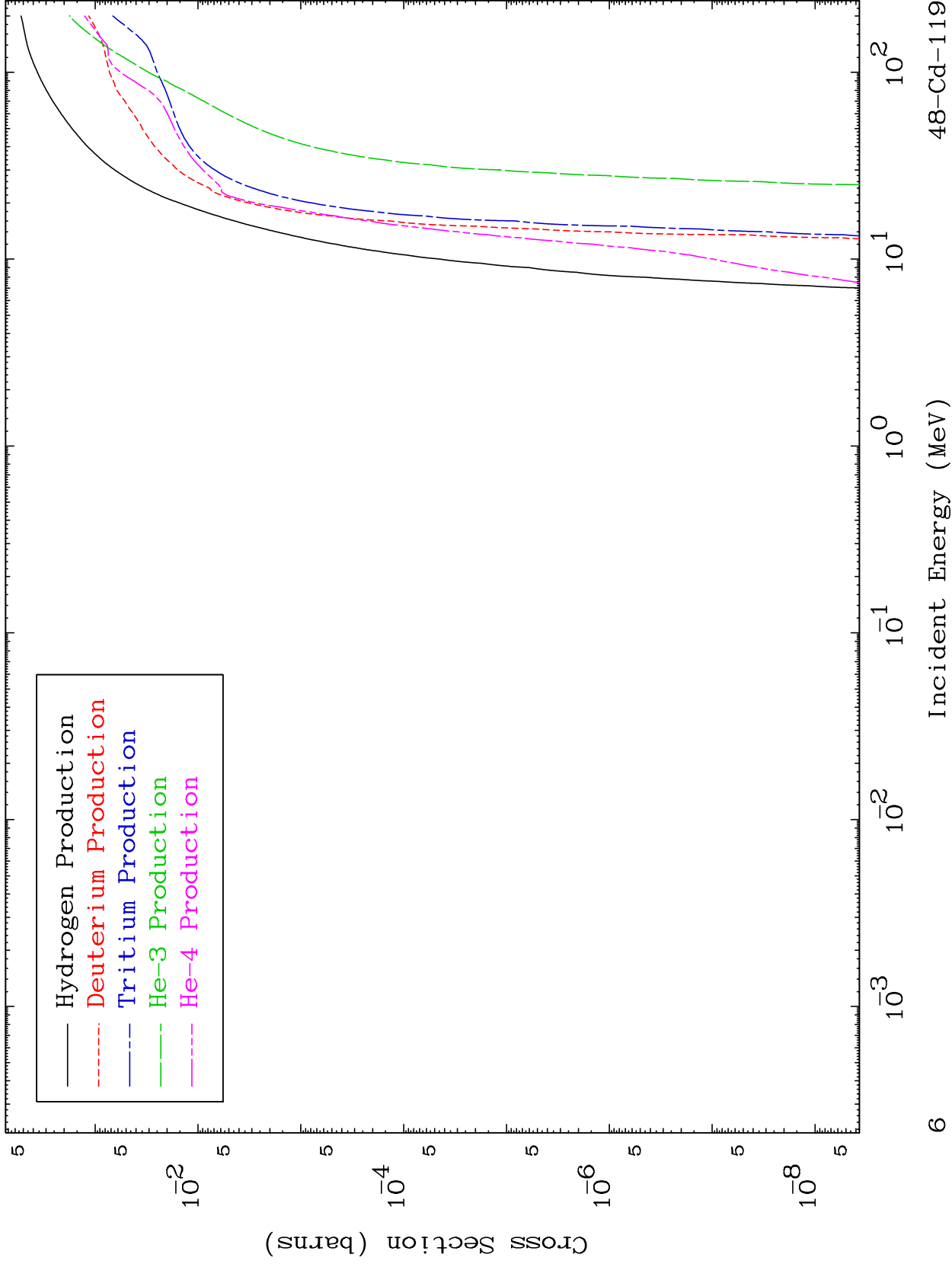
48-Cd-119



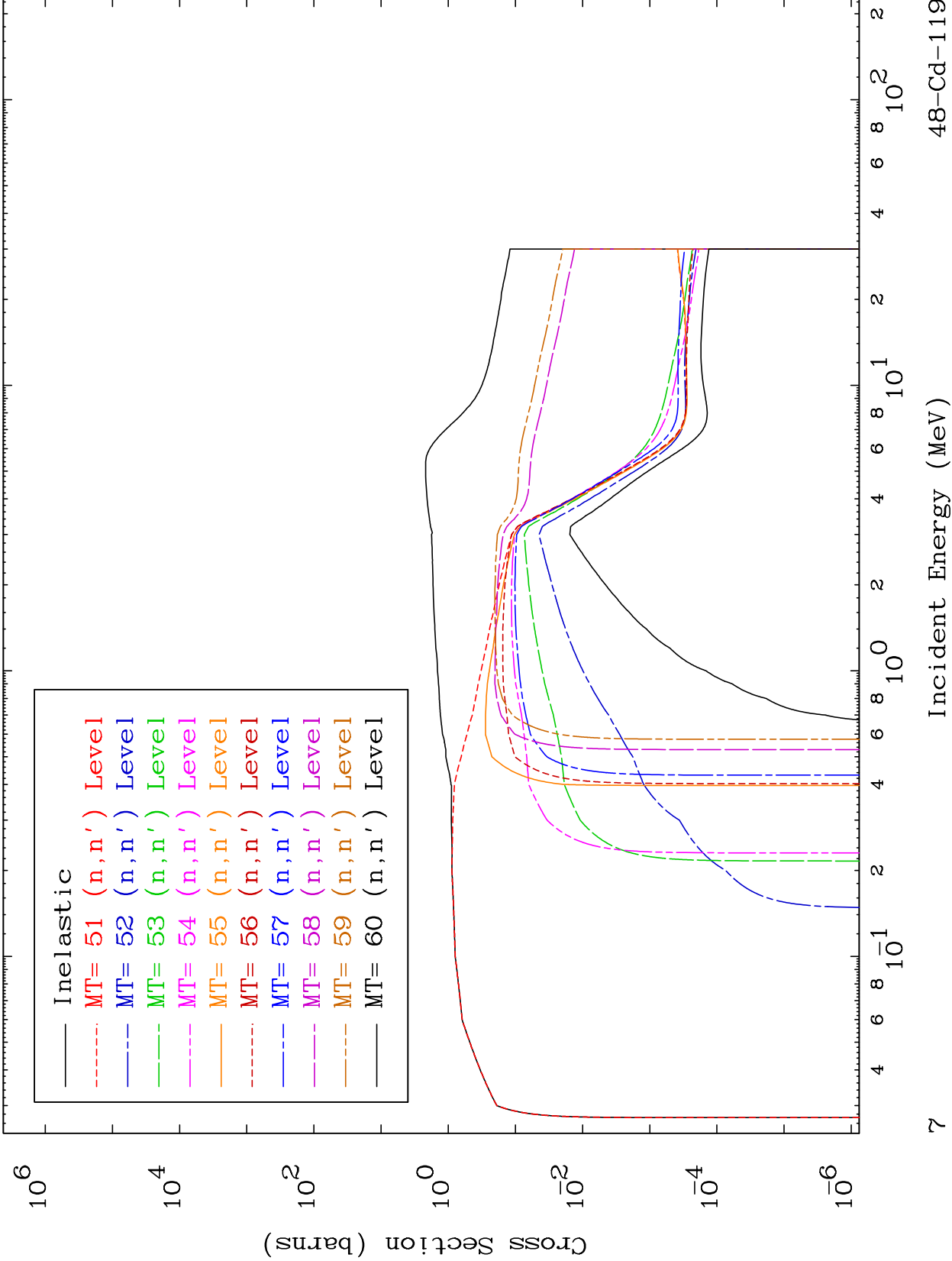
MAT 4864

Particle Production
293 Kelvin Cross Sections

48-Cd-119



293 Kelvin Cross Sections

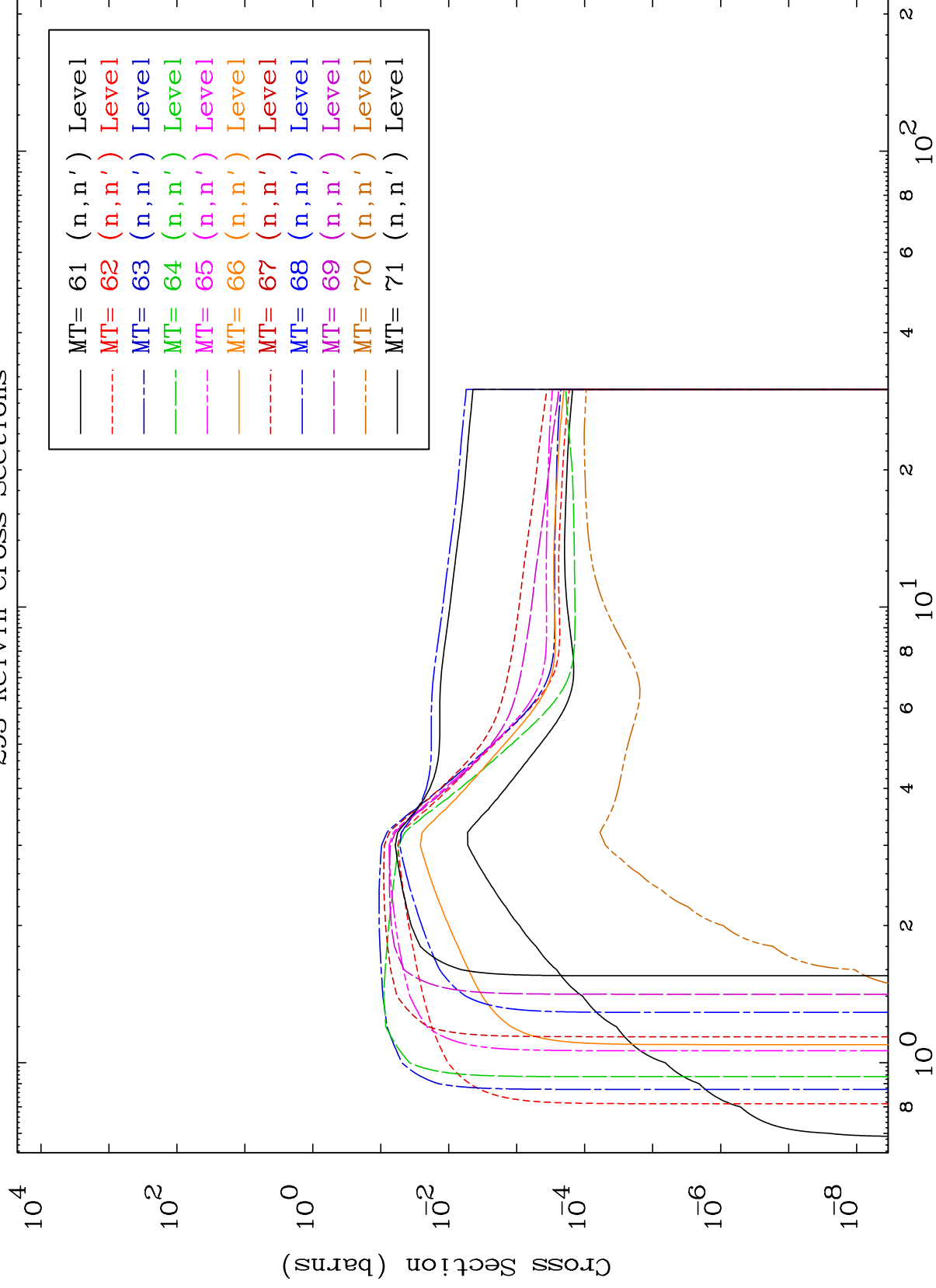


MAT 4864

(n,n') Level

48-Cd-119

293 Kelvin Cross Sections



8

Incident Energy (MeV)

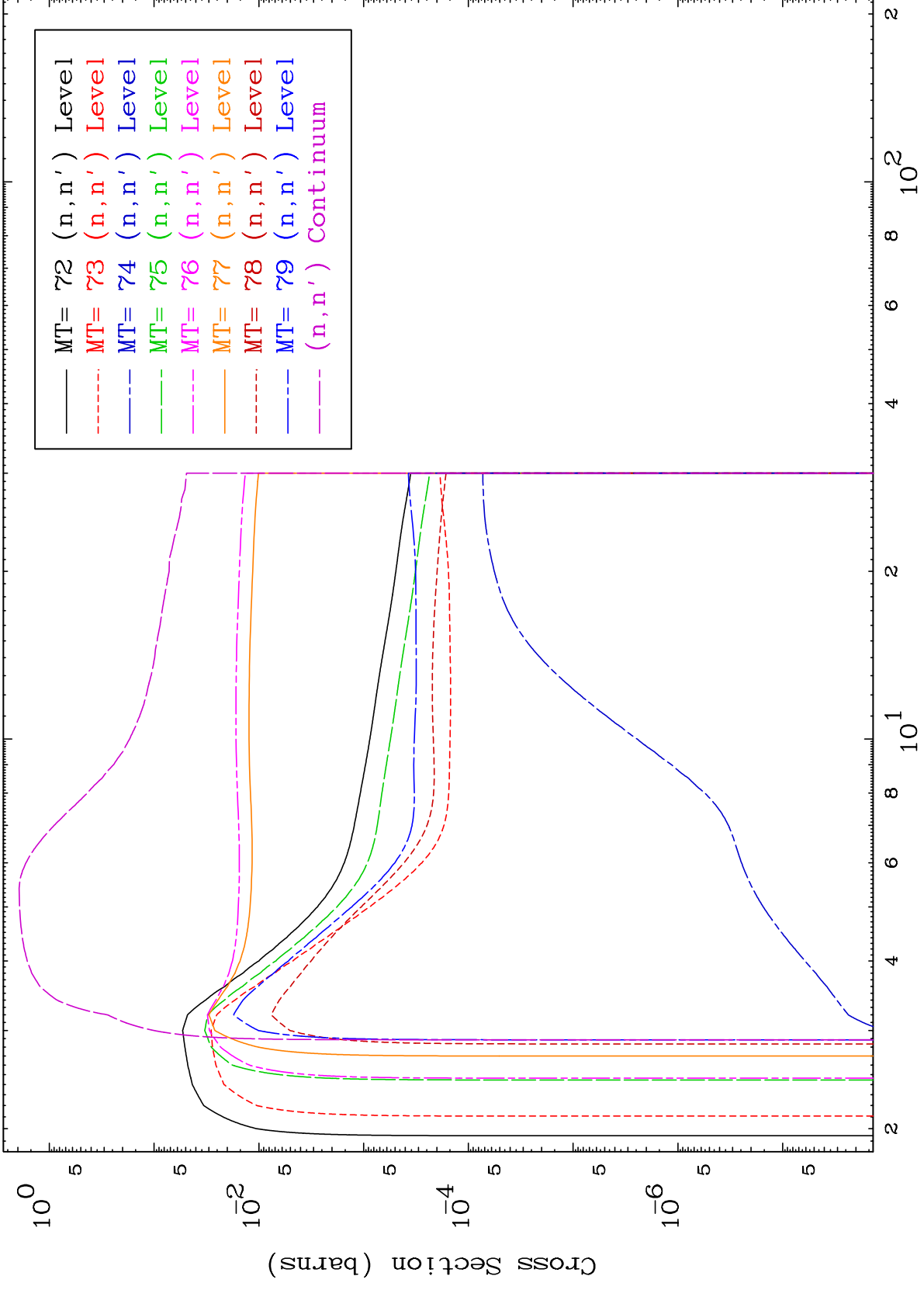
48-Cd-119

MAT 4864

(n,n') Level

48-Cd-119

293 Kelvin Cross Sections



9

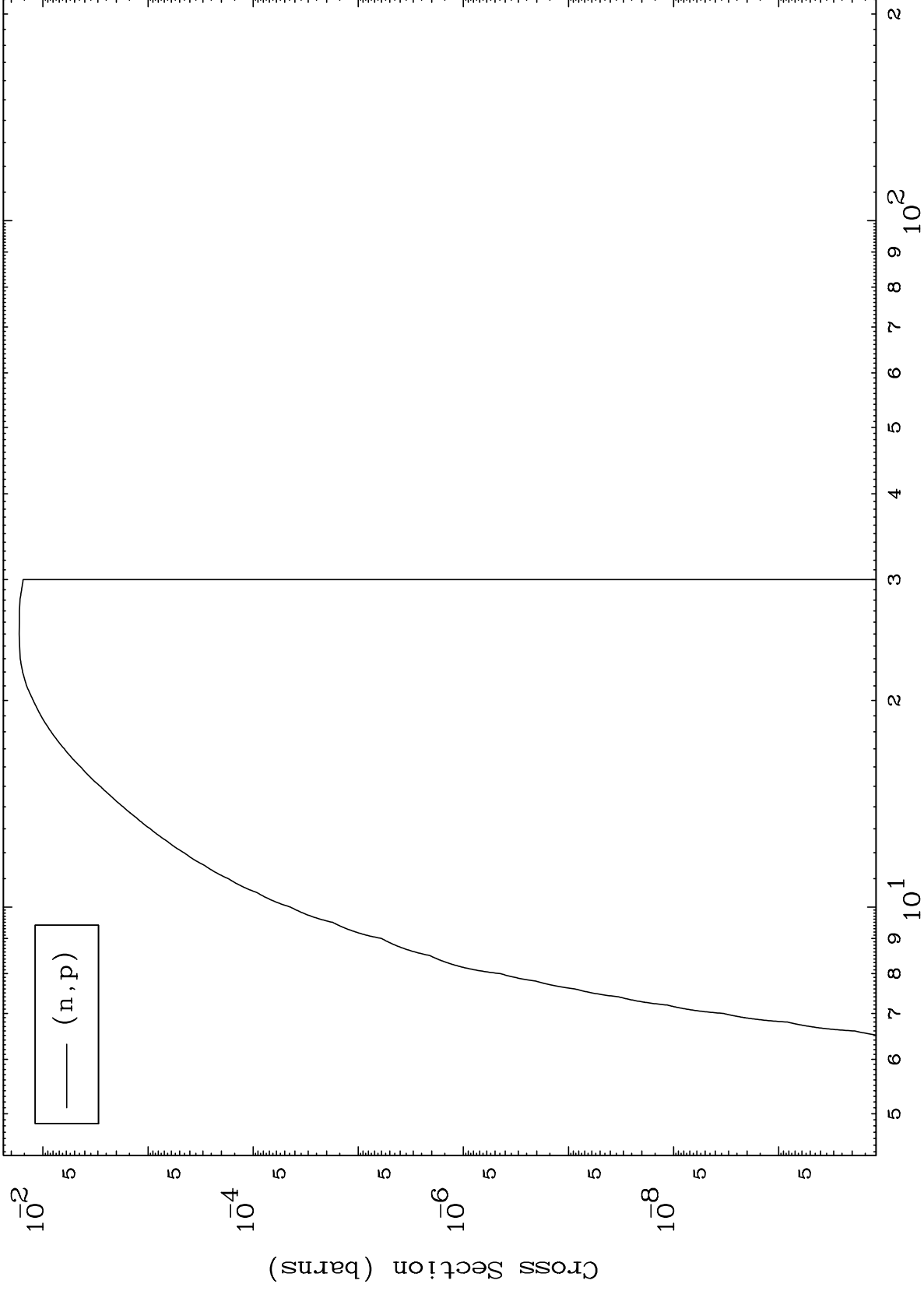
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-119



10

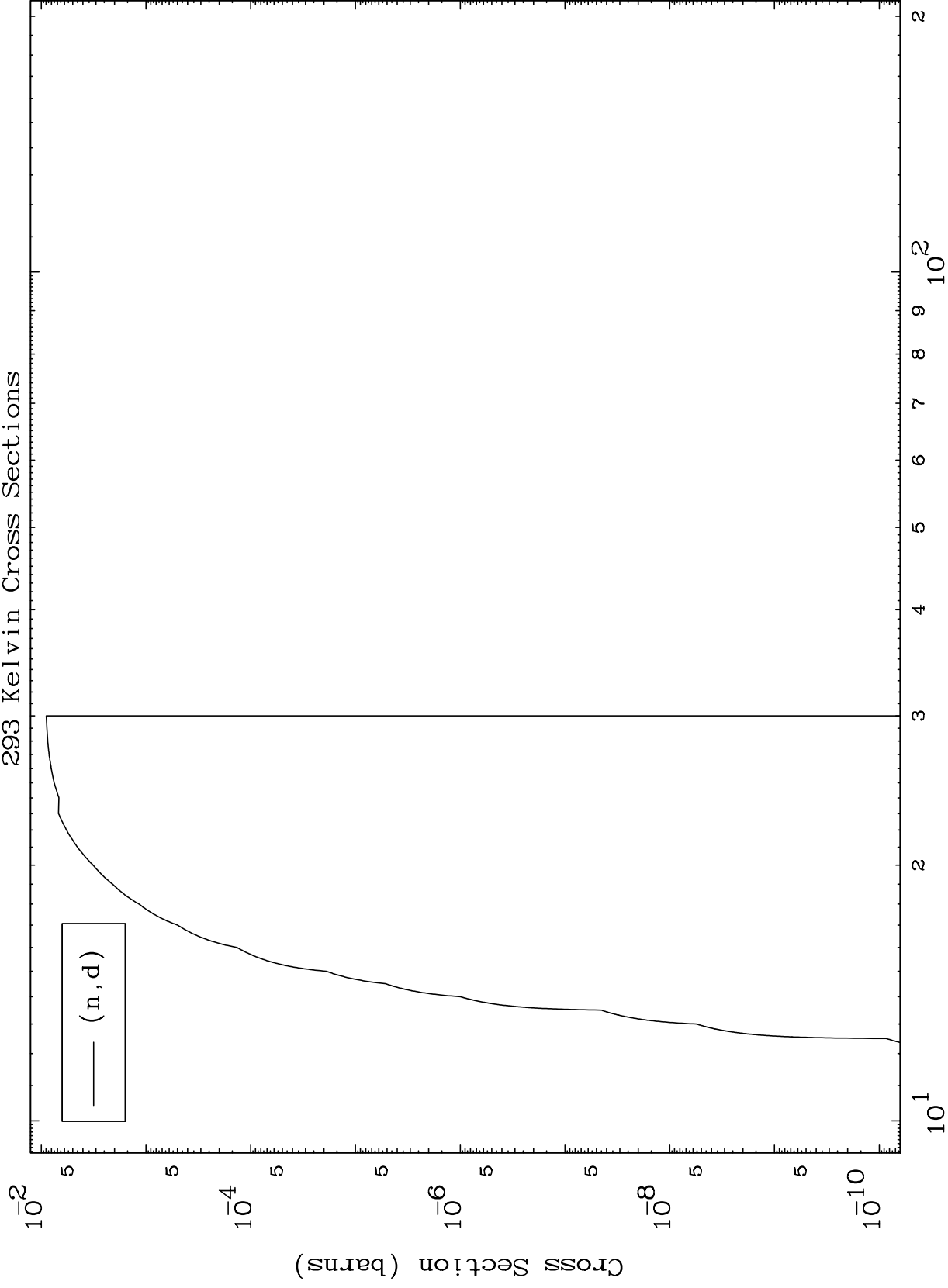
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-119



Incident Energy (MeV)

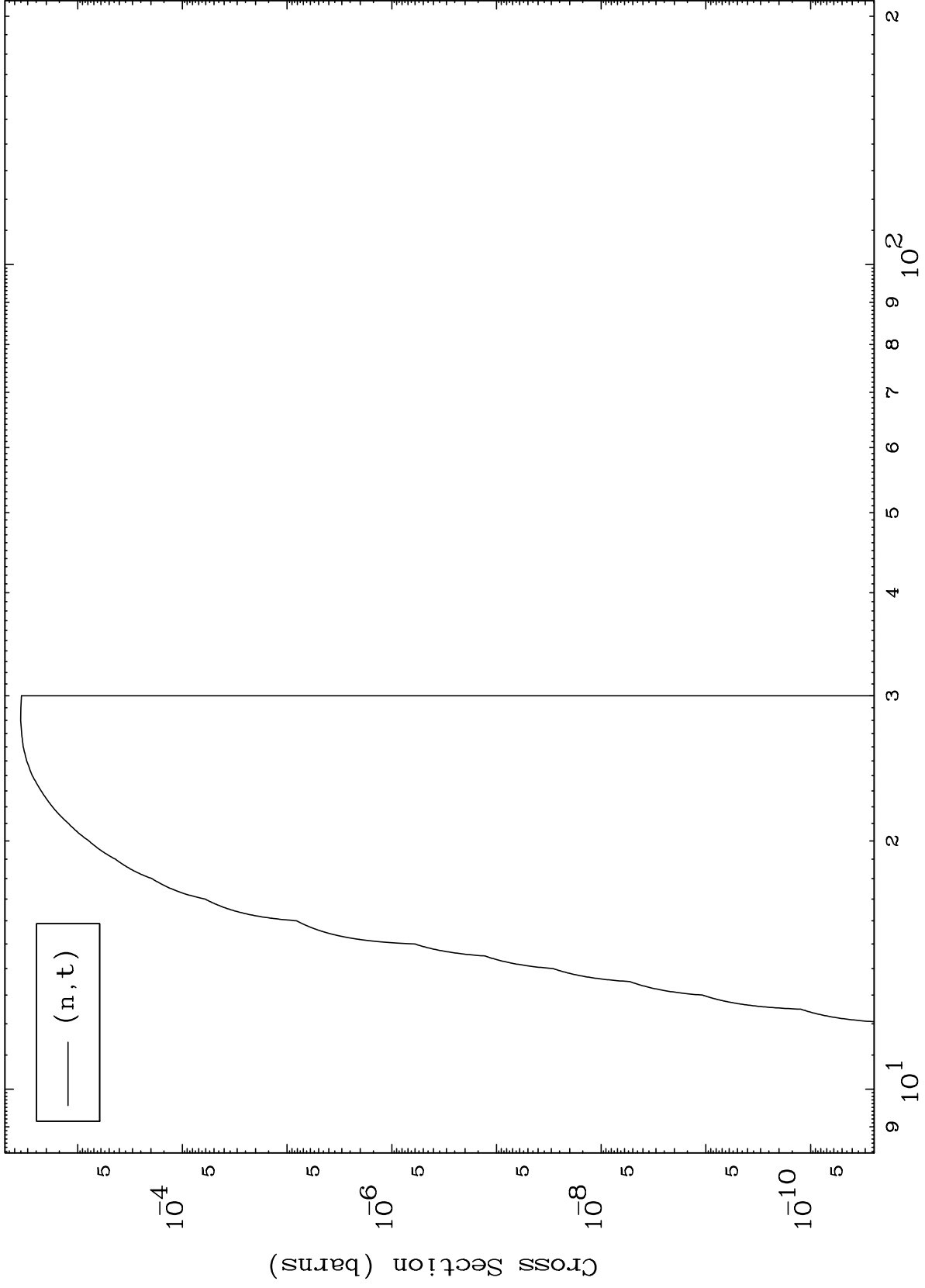
48-Cd-119

11

MAT 4864

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-119



12

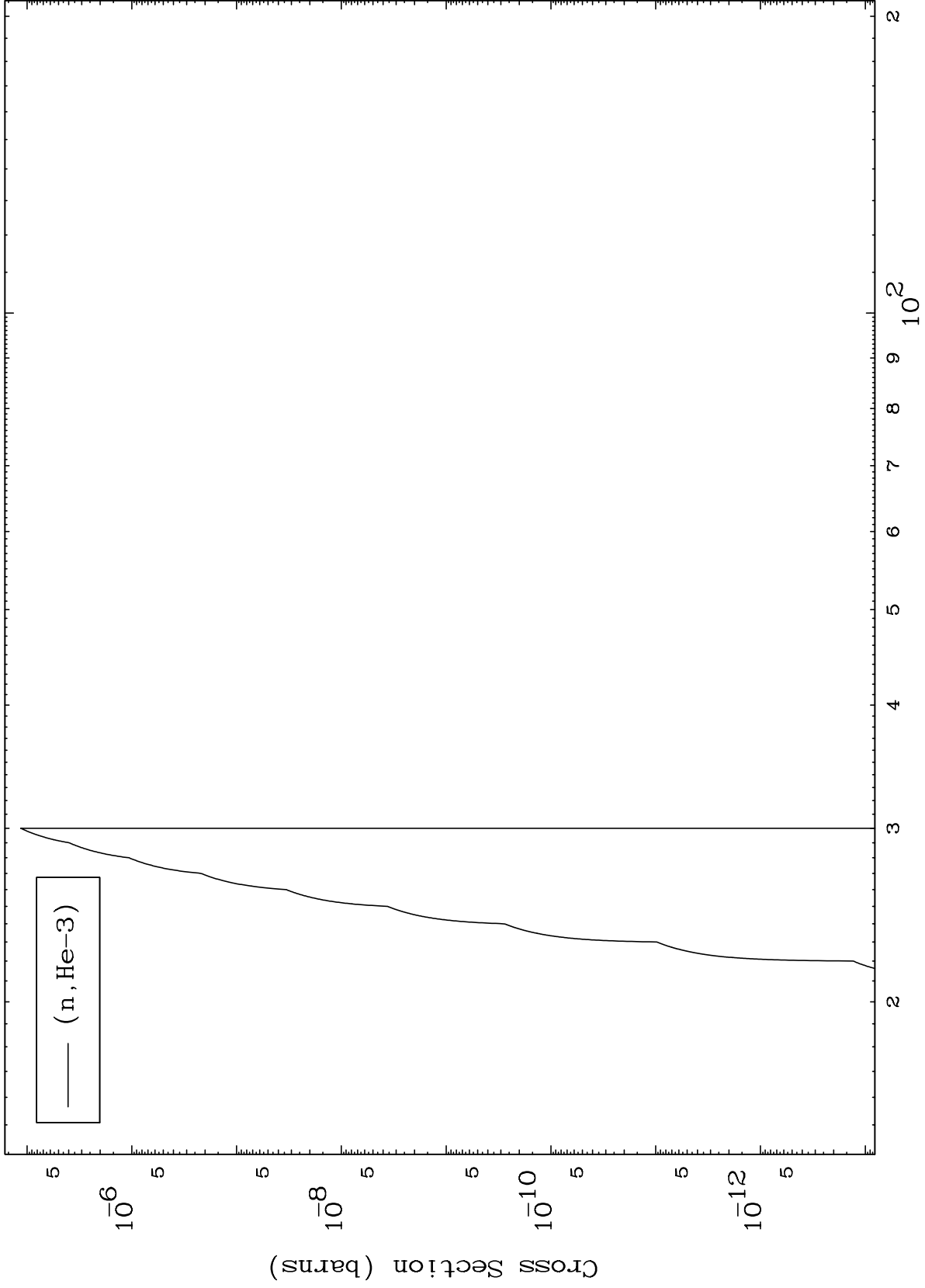
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-119



13

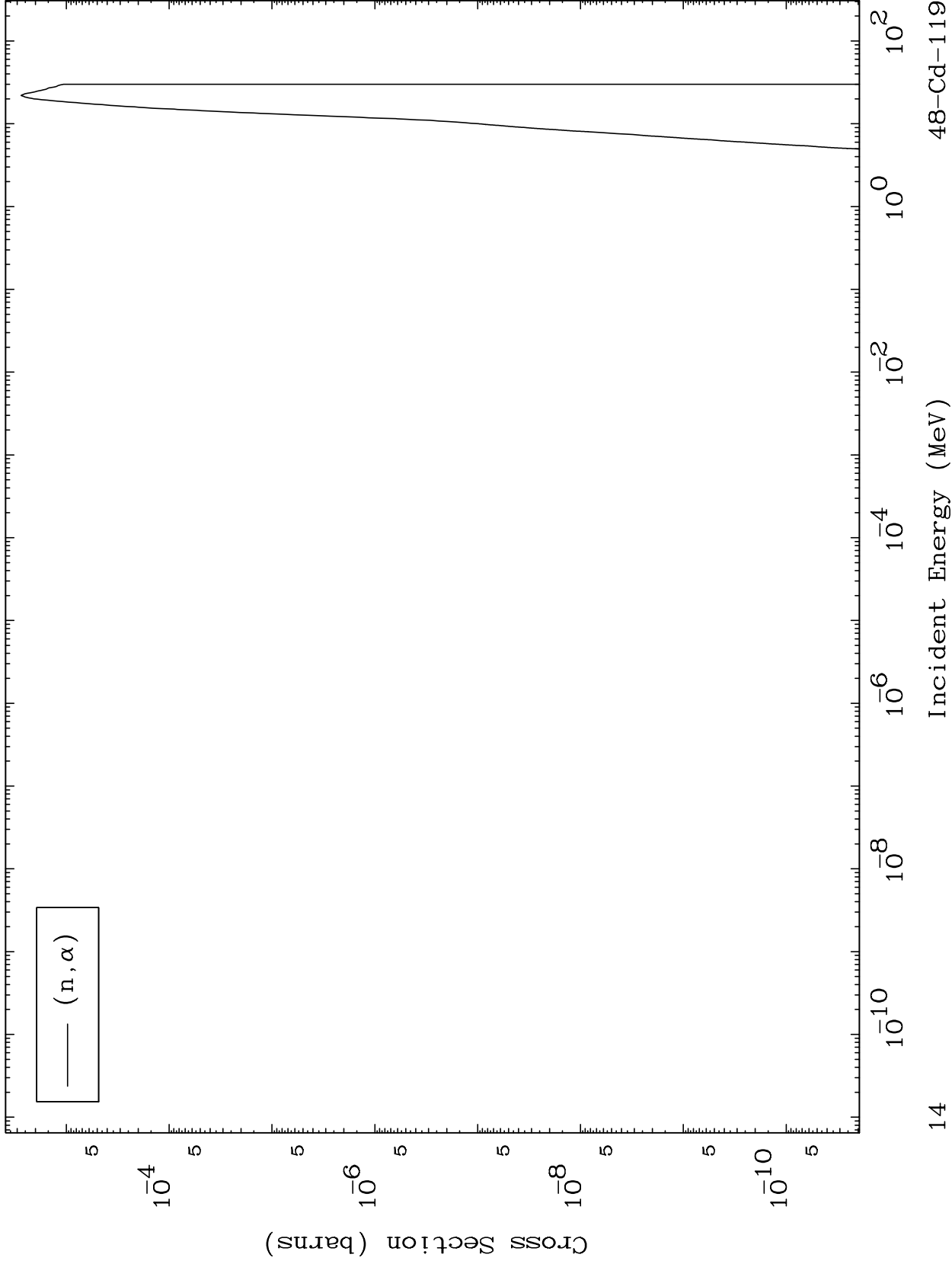
Incident Energy (MeV)

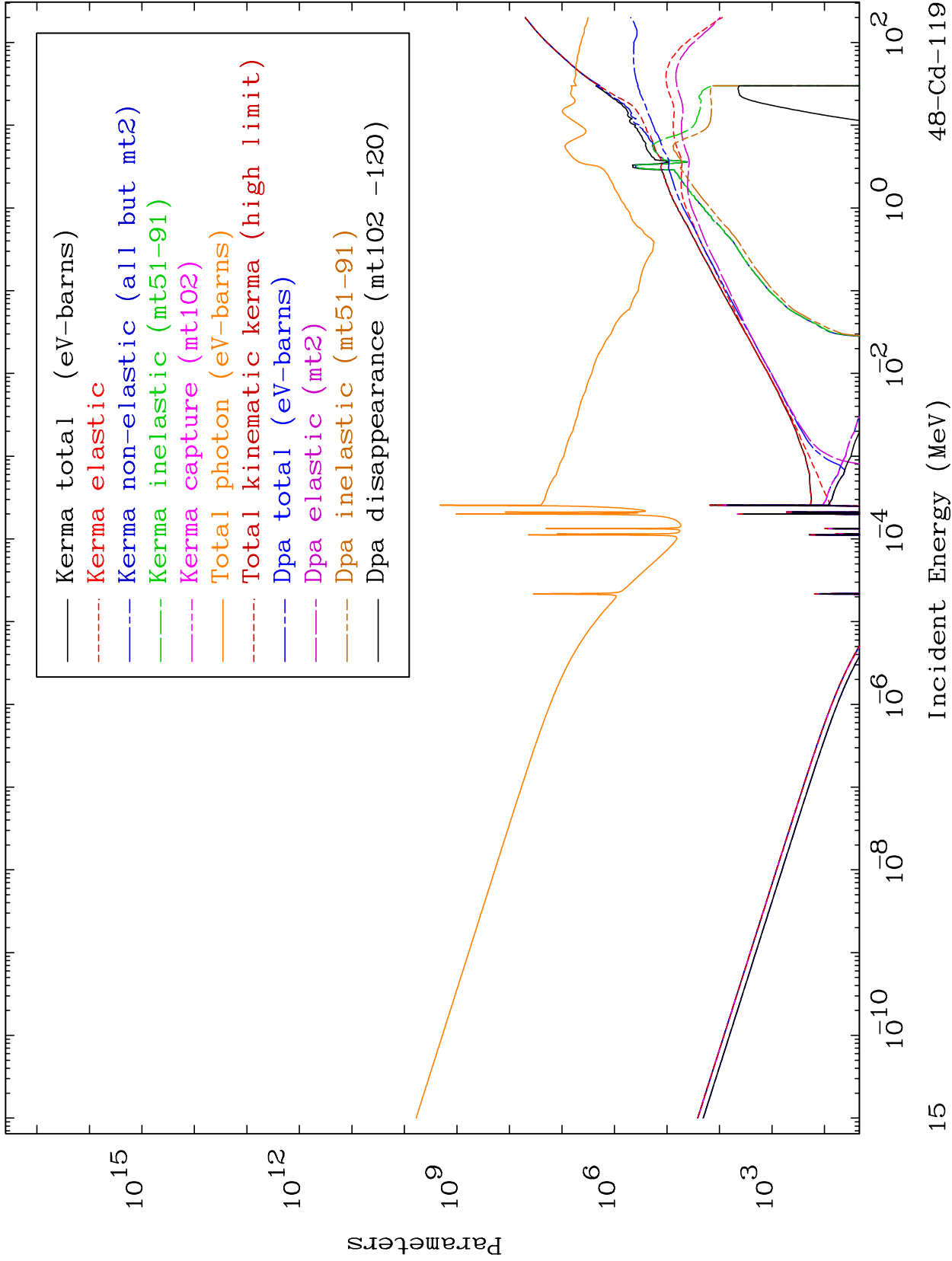
48-Cd-119

MAT 4864

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-119

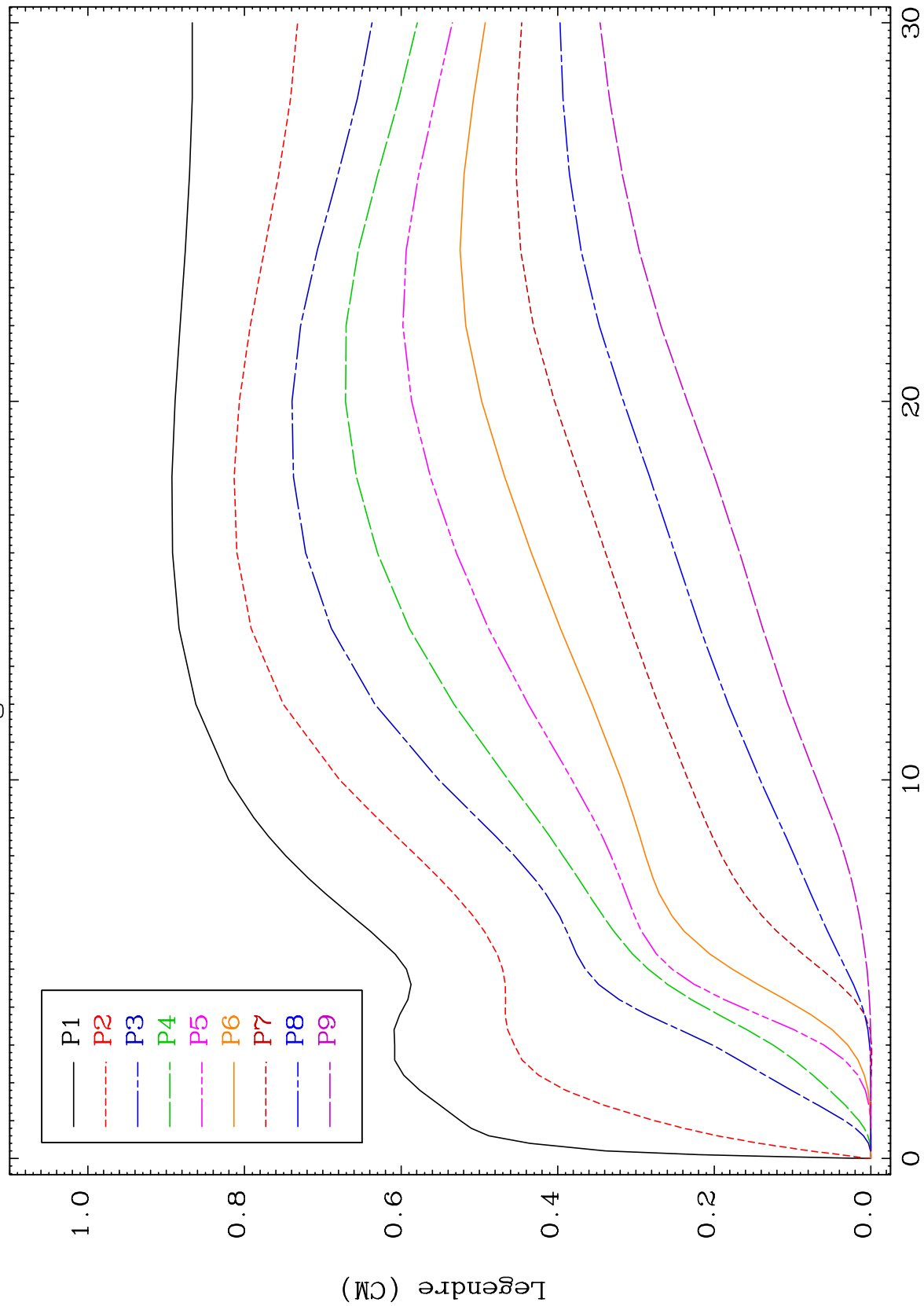




MAT 4864

Elastic Legendre Coefficients

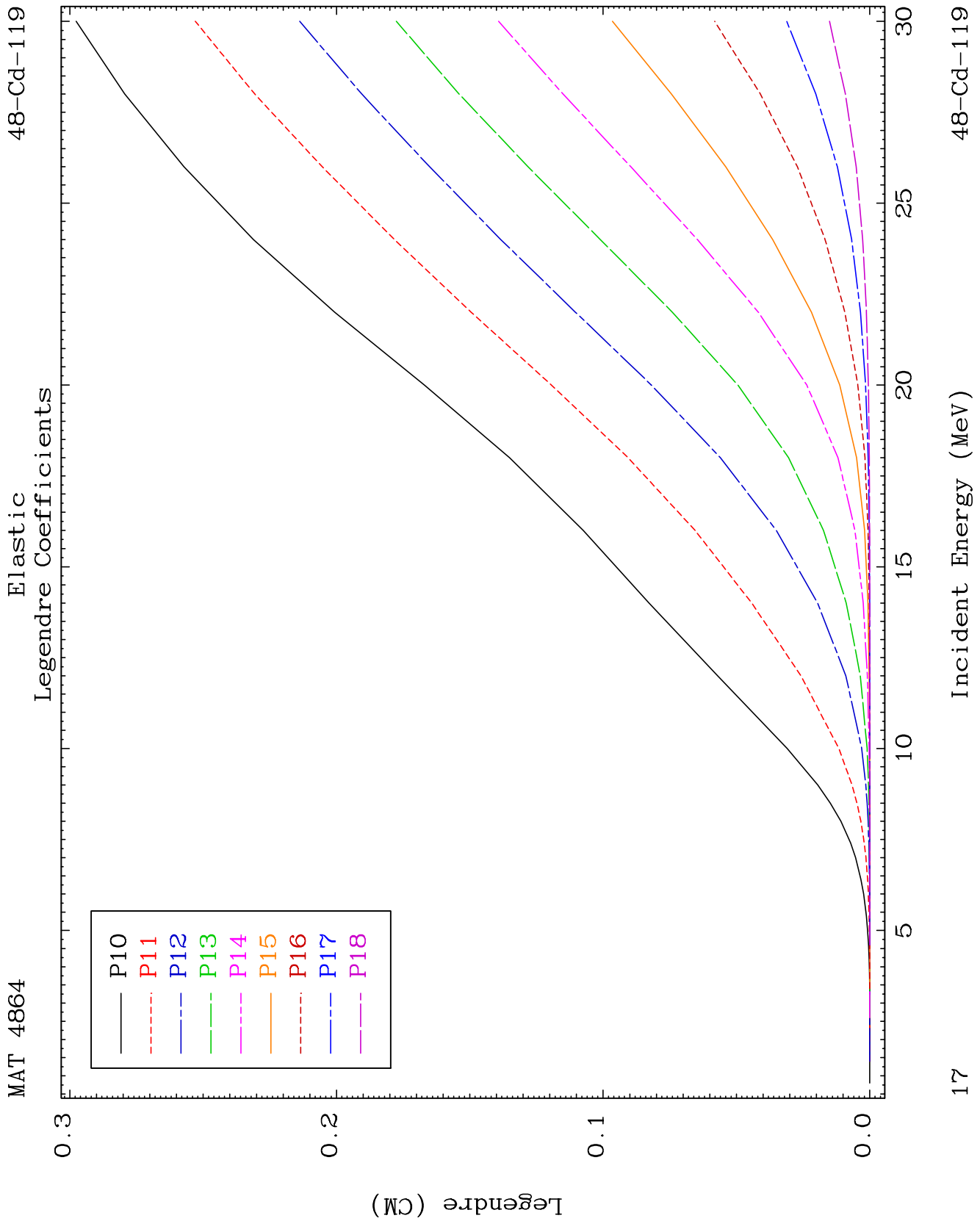
48-Cd-119



16

Incident Energy (MeV)

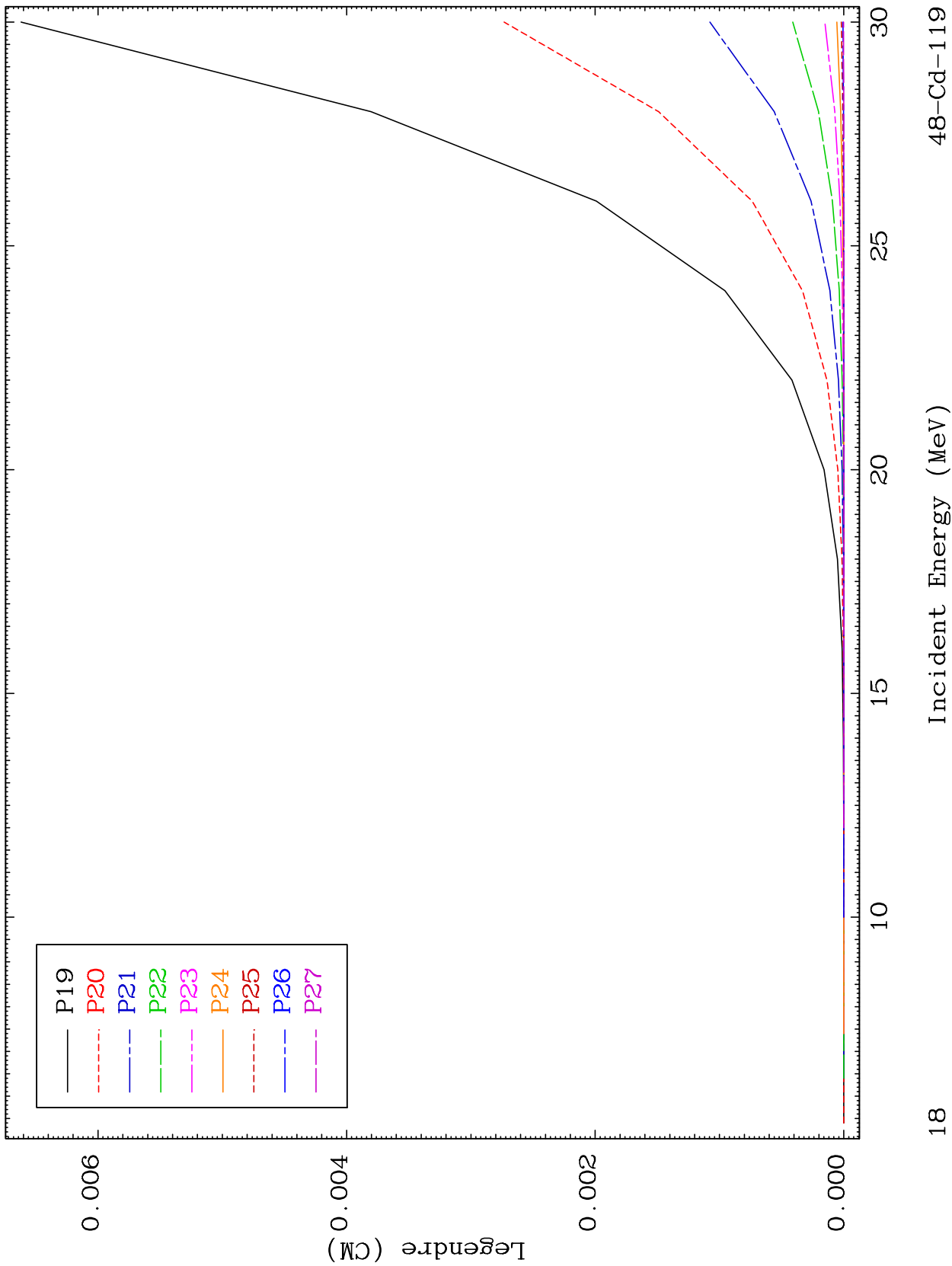
48-Cd-119



MAT 4864

Elastic Legendre Coefficients

48-Cd-119



18

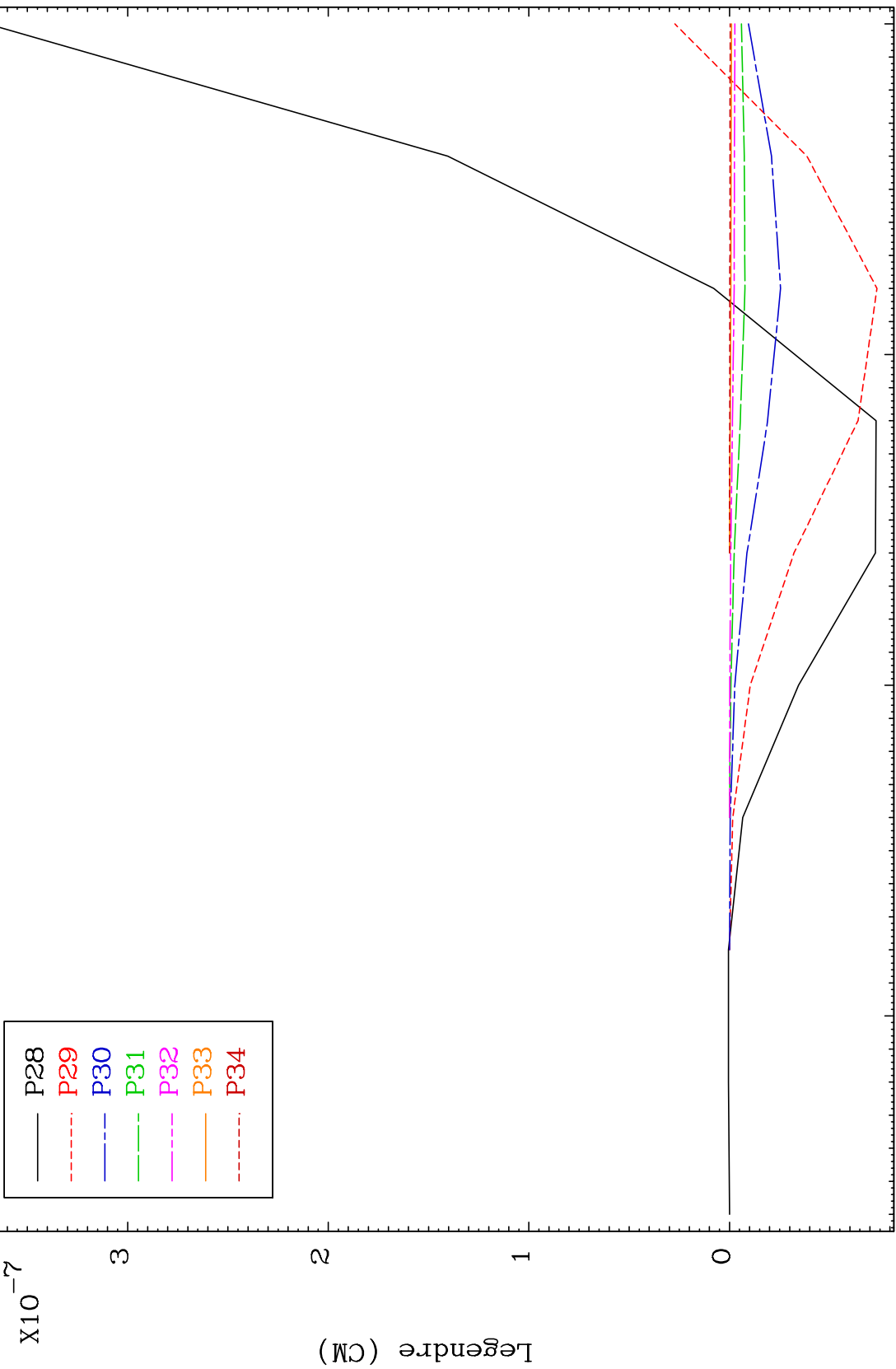
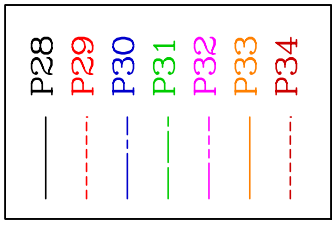
Incident Energy (MeV)

48-Cd-119

MAT 4864

Elastic Legendre Coefficients

48-Cd-119



19

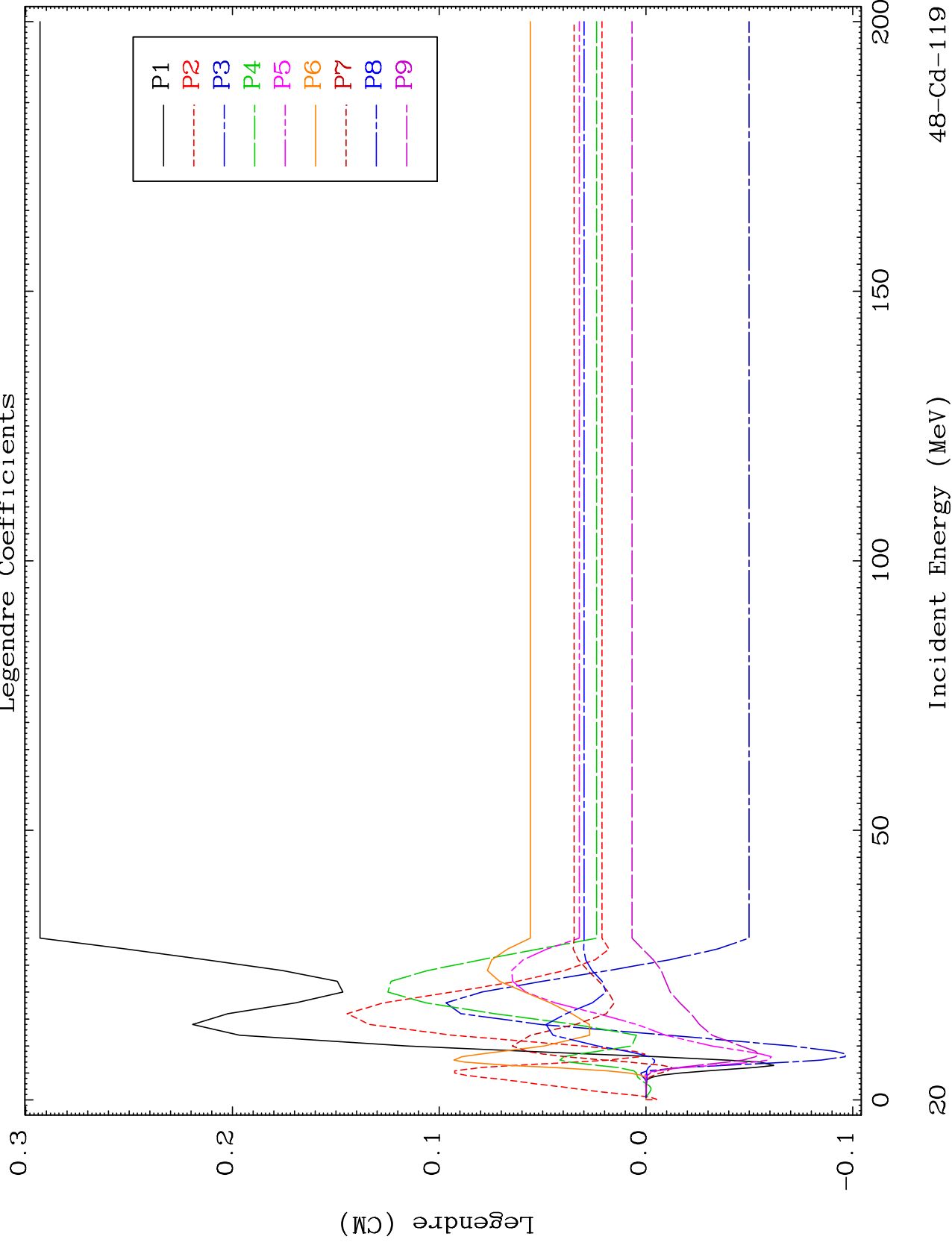
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

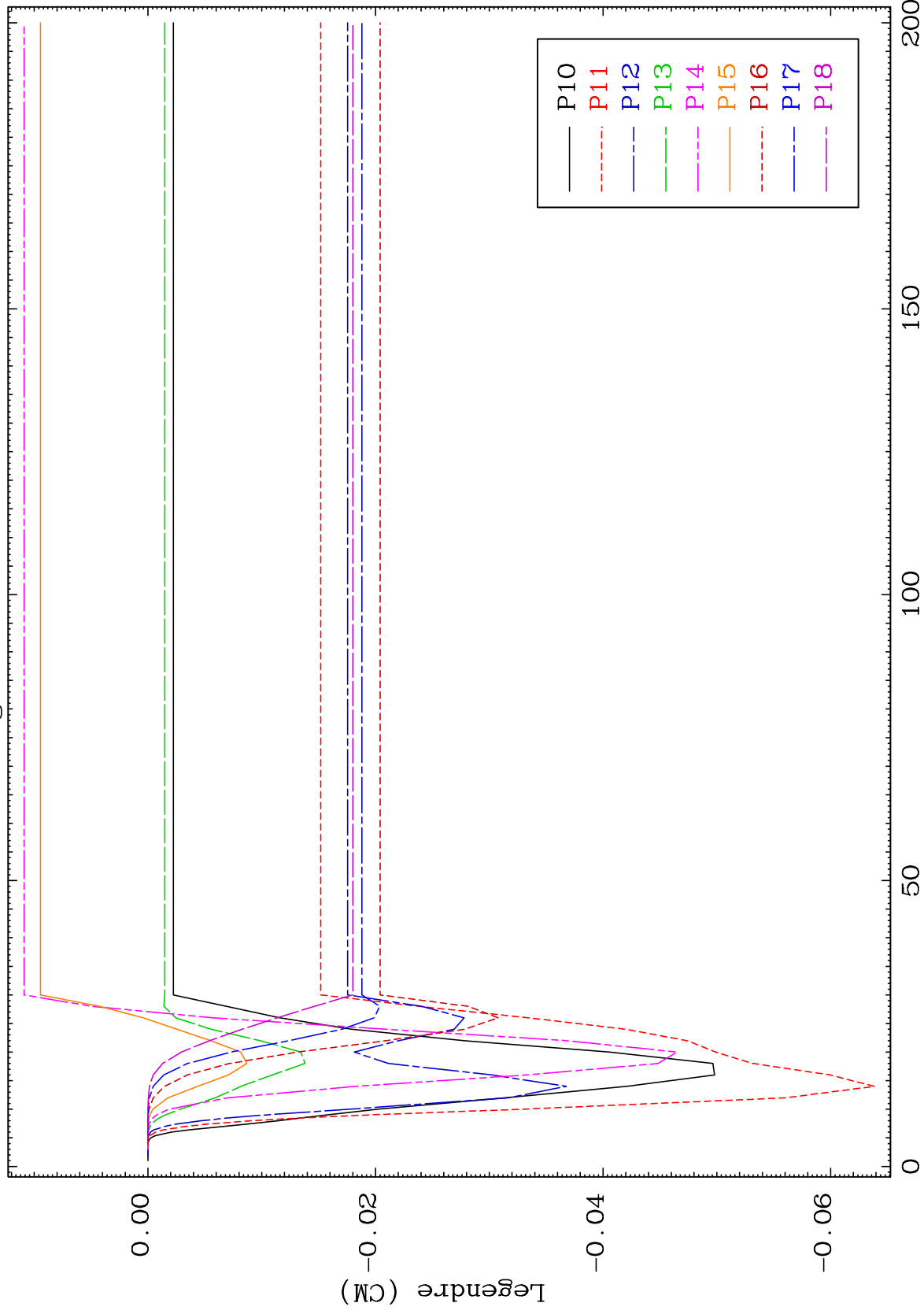
48-Cd-119



MAT 4864

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

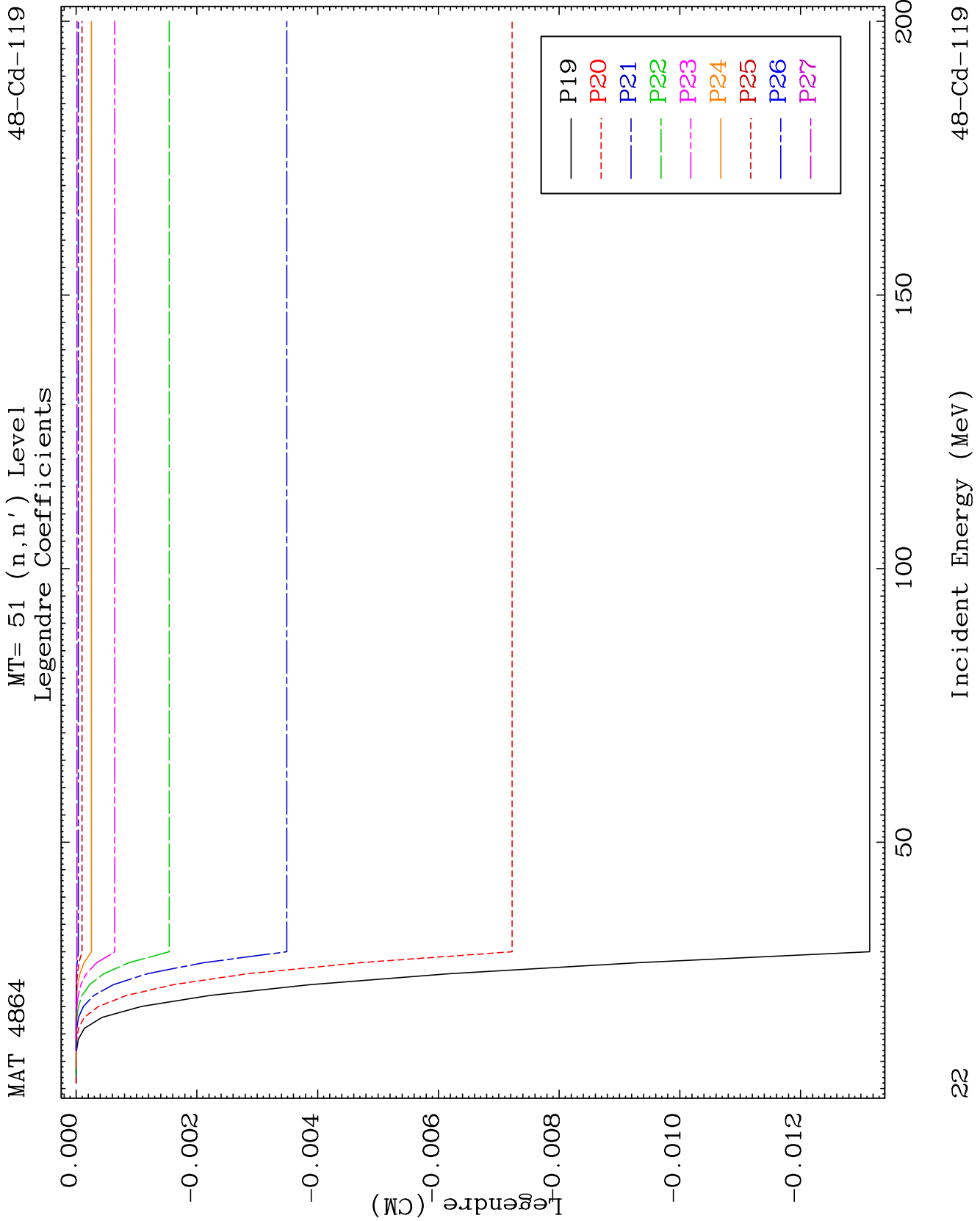
48-Cd-119

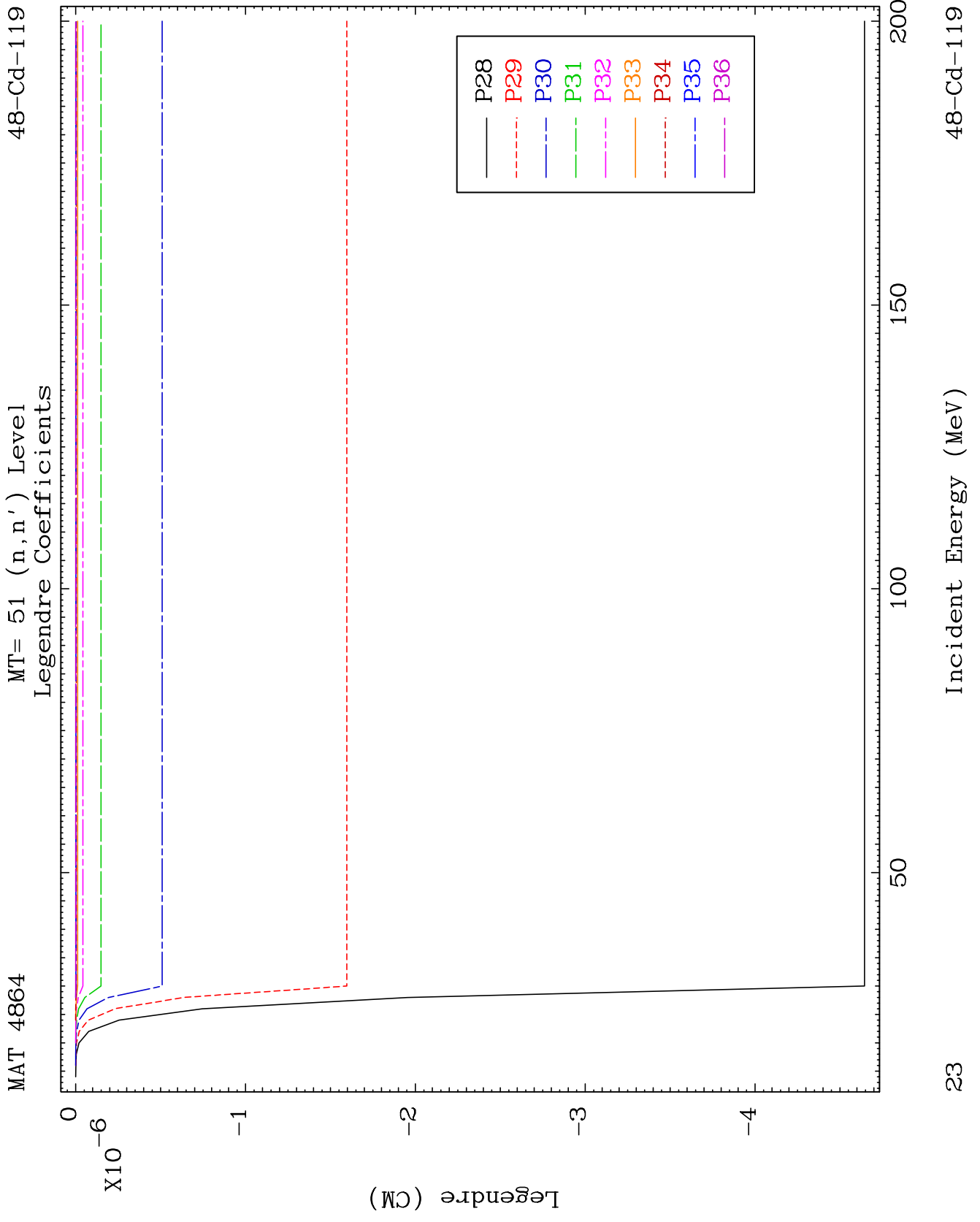


21

Incident Energy (MeV)

48-Cd-119

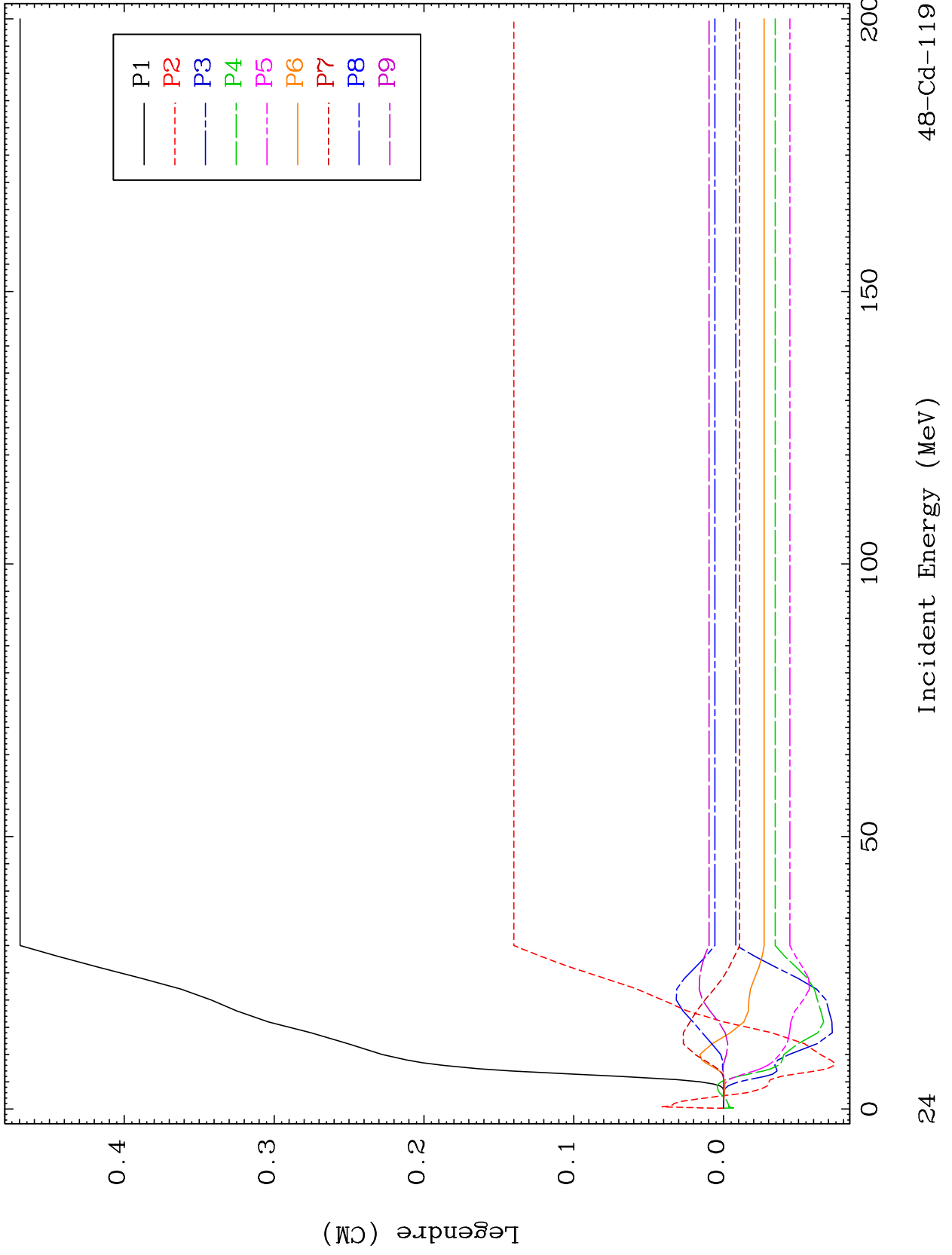




MAT 4864

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

48-Cd-119



24

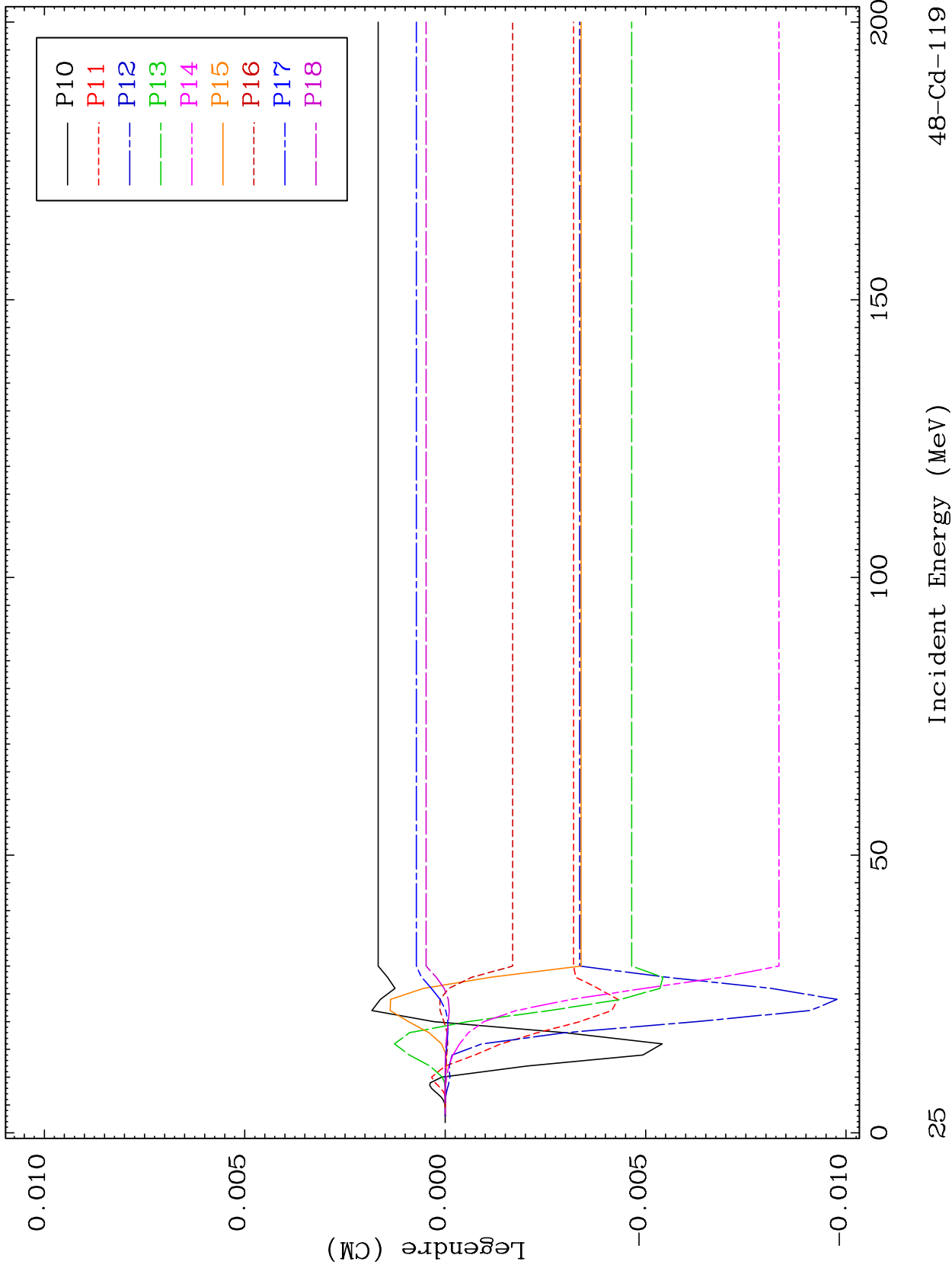
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

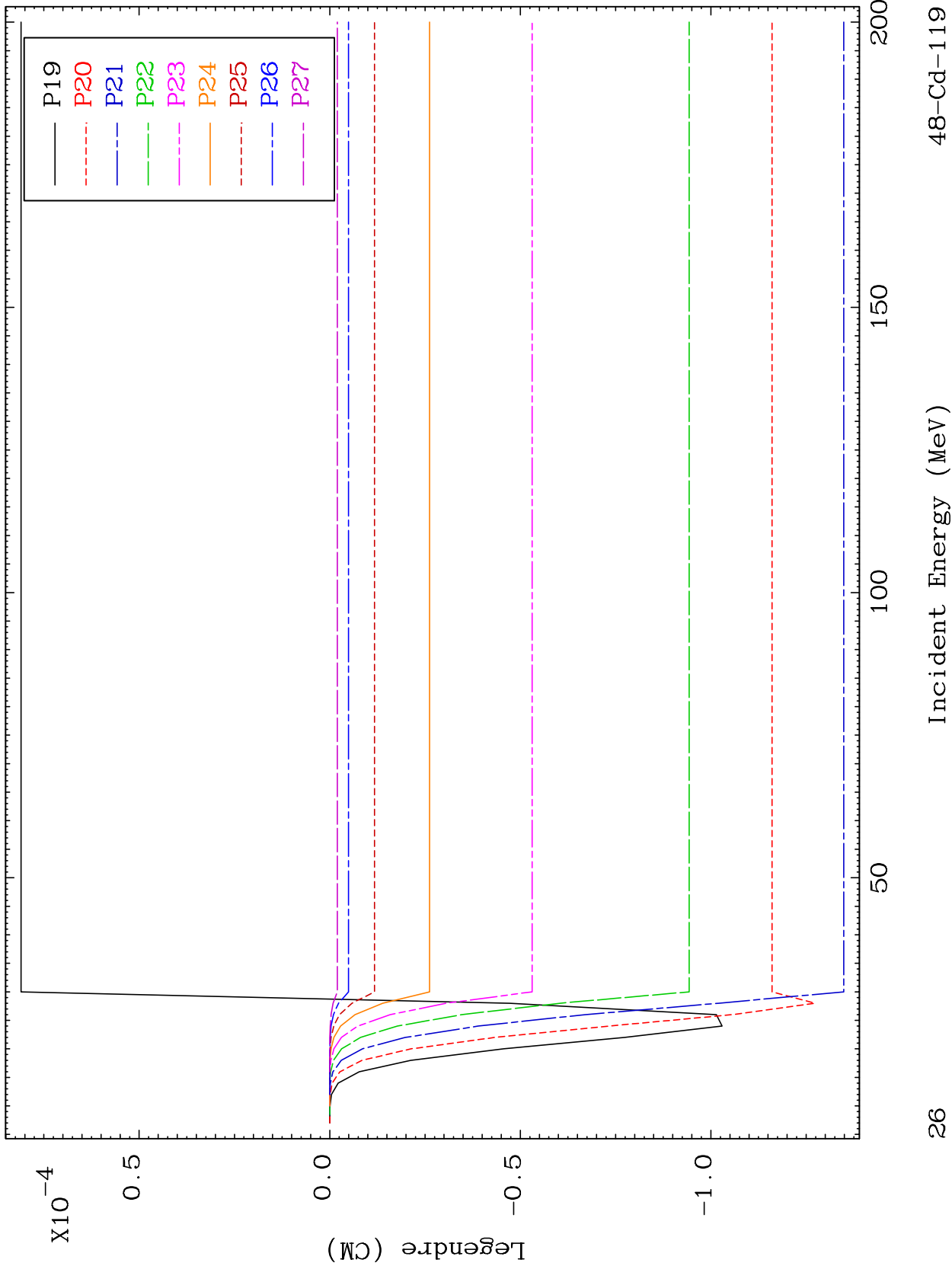
48-Cd-119



48-Cd-119

Incident Energy (MeV)

25

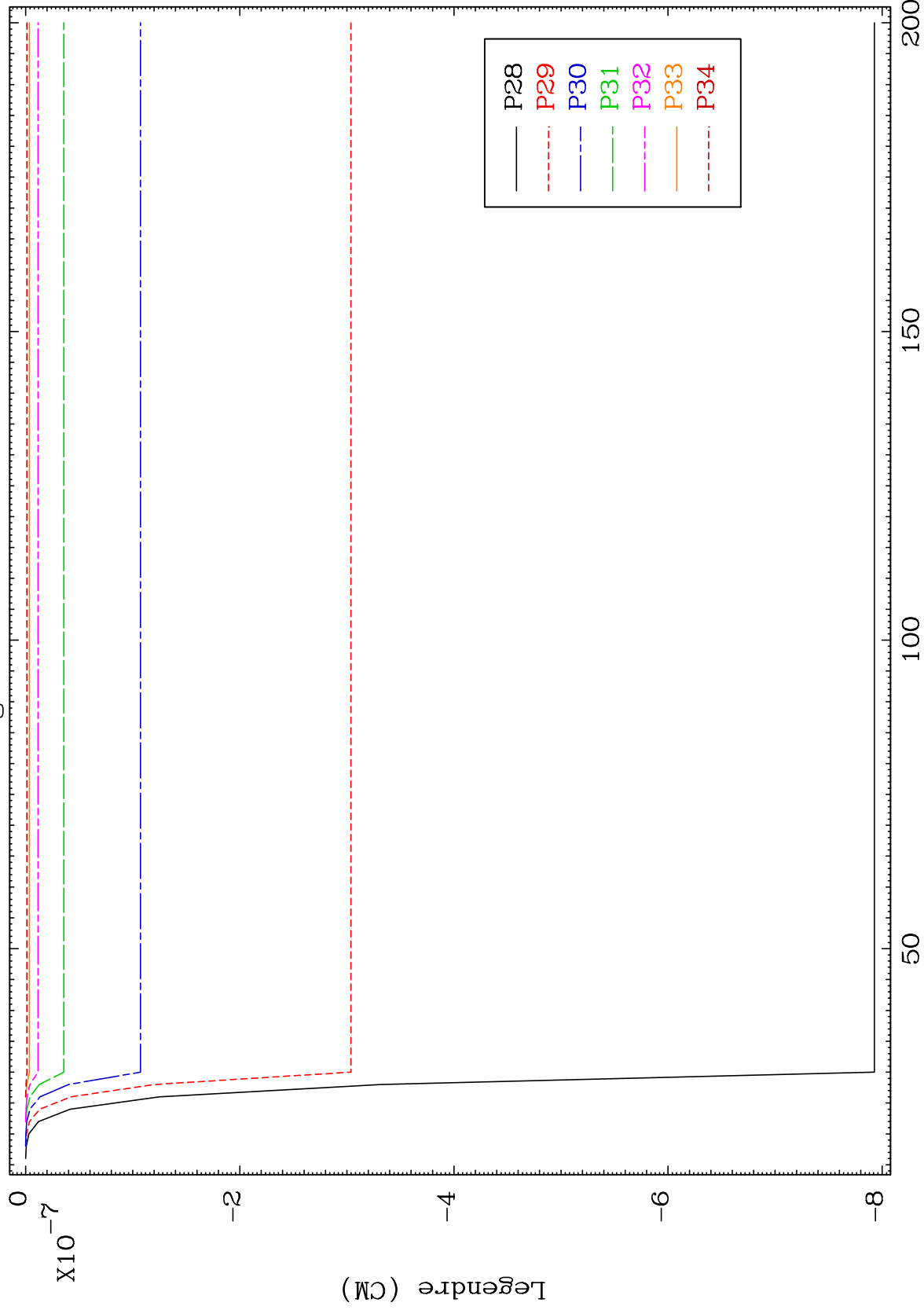


MAT 4864

MT= 52 (n,n') Level

48-Cd-119

Legendre Coefficients



27

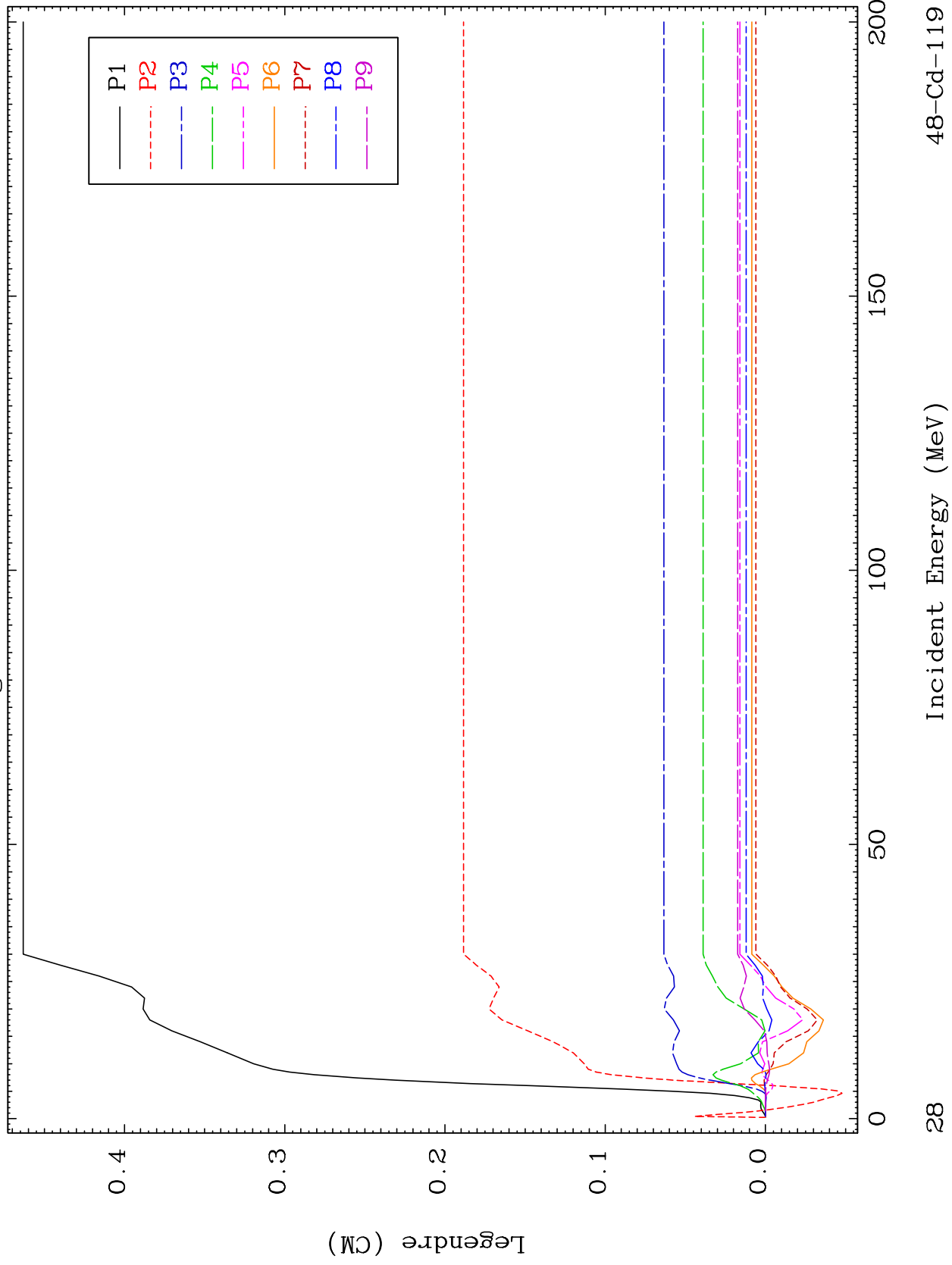
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

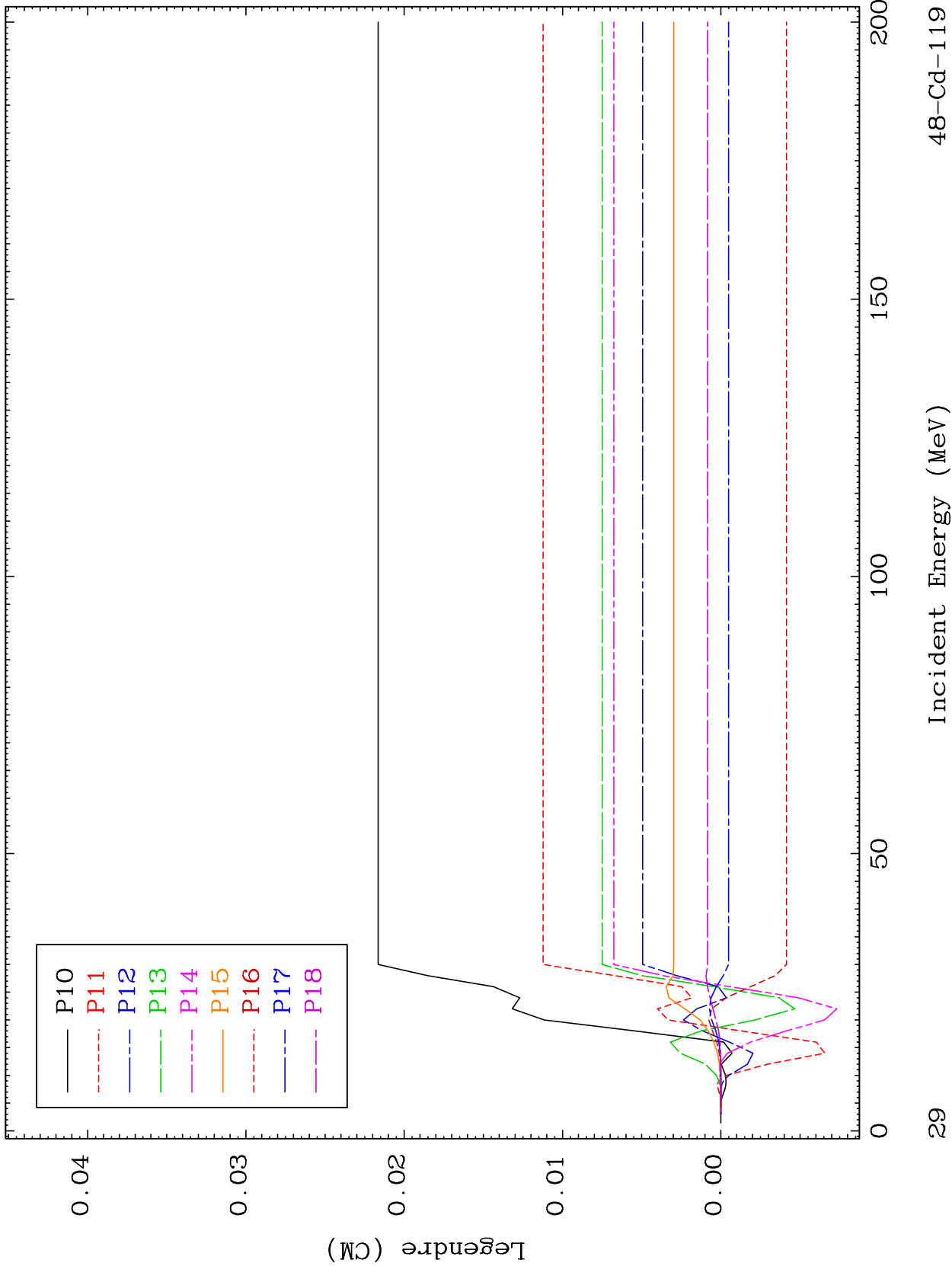
Incident Energy (MeV)

28

MAT 4864

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

48-Cd-119



29

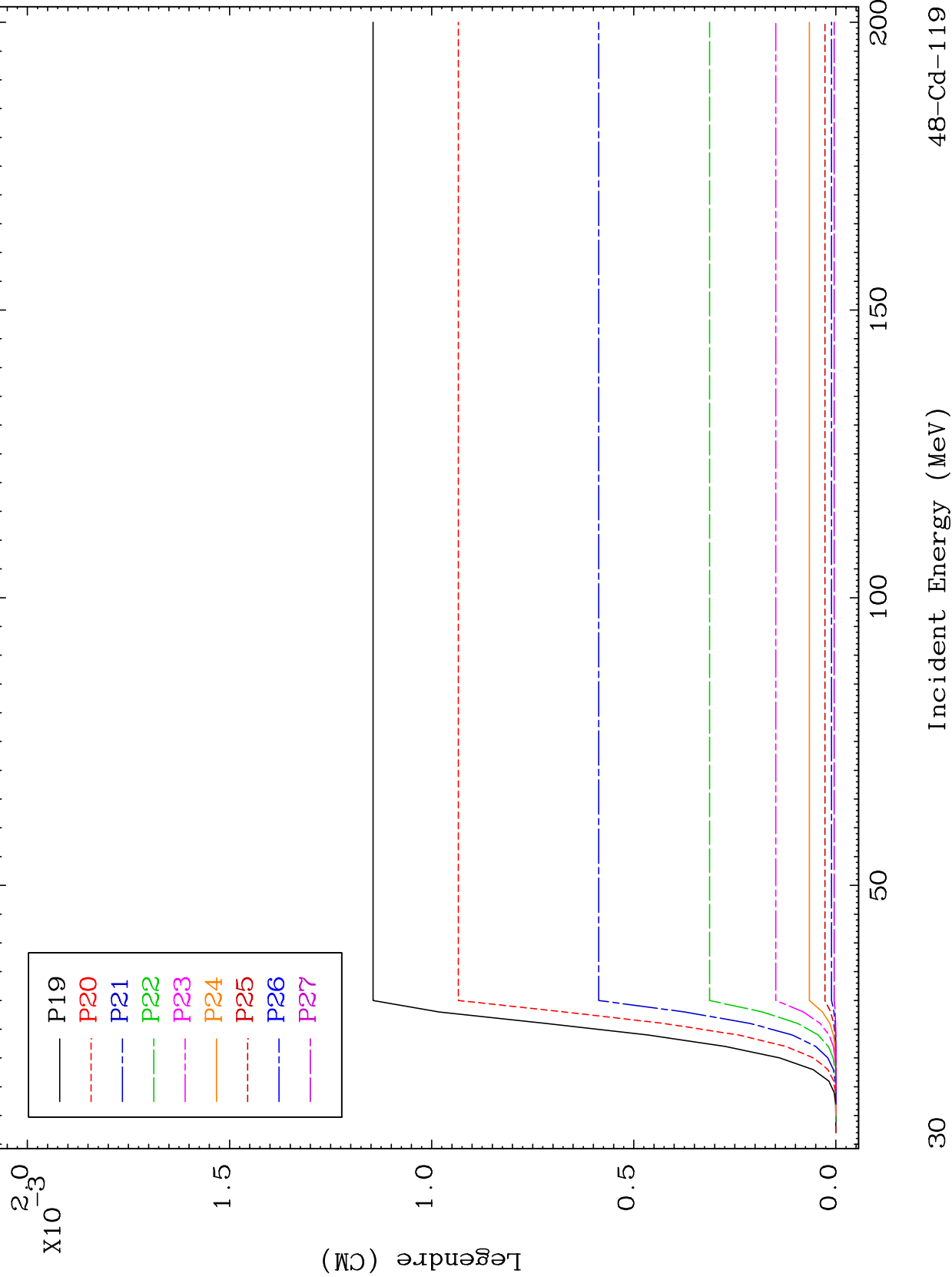
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

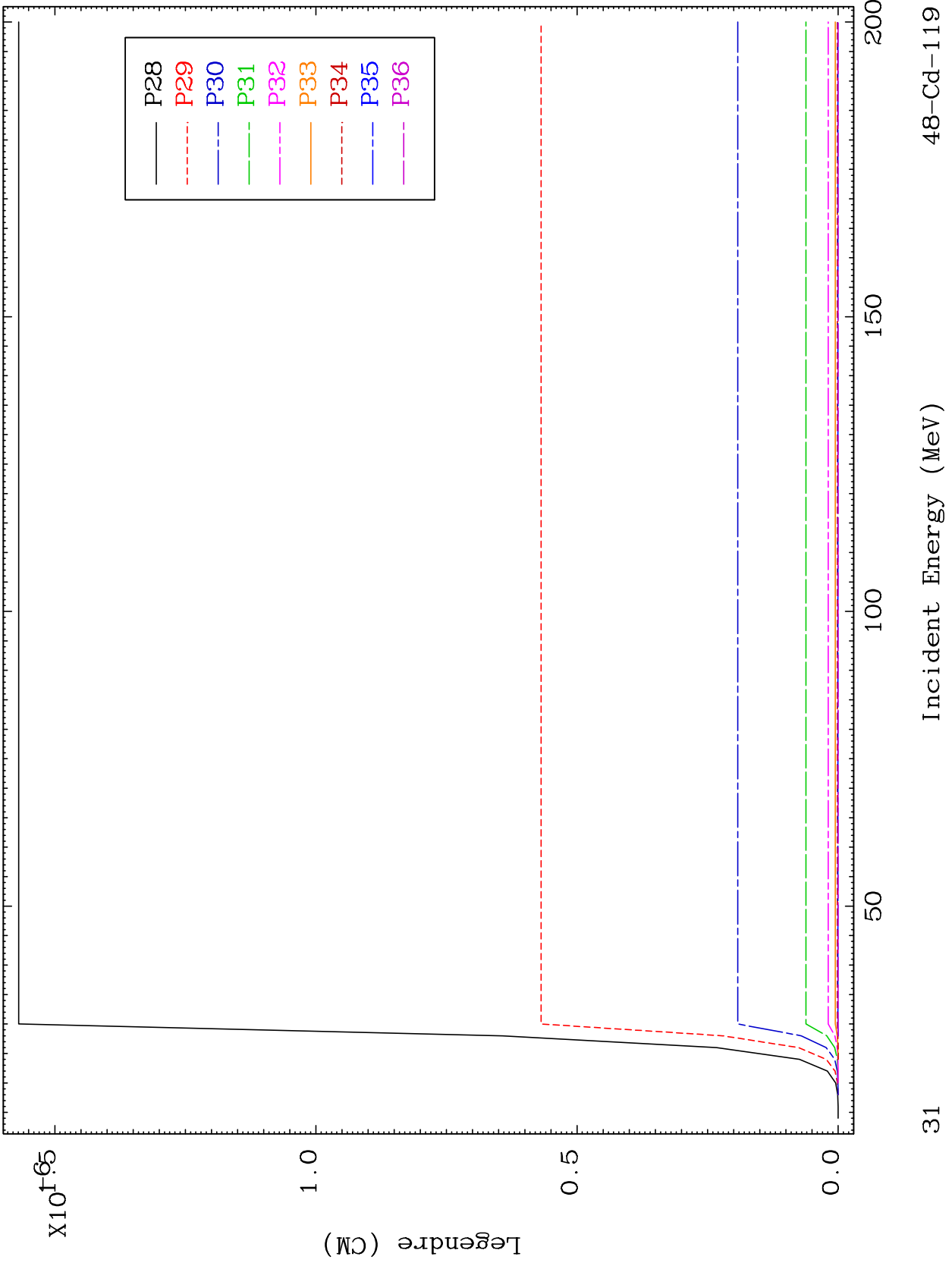
Incident Energy (MeV)

30

MAT 4864

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

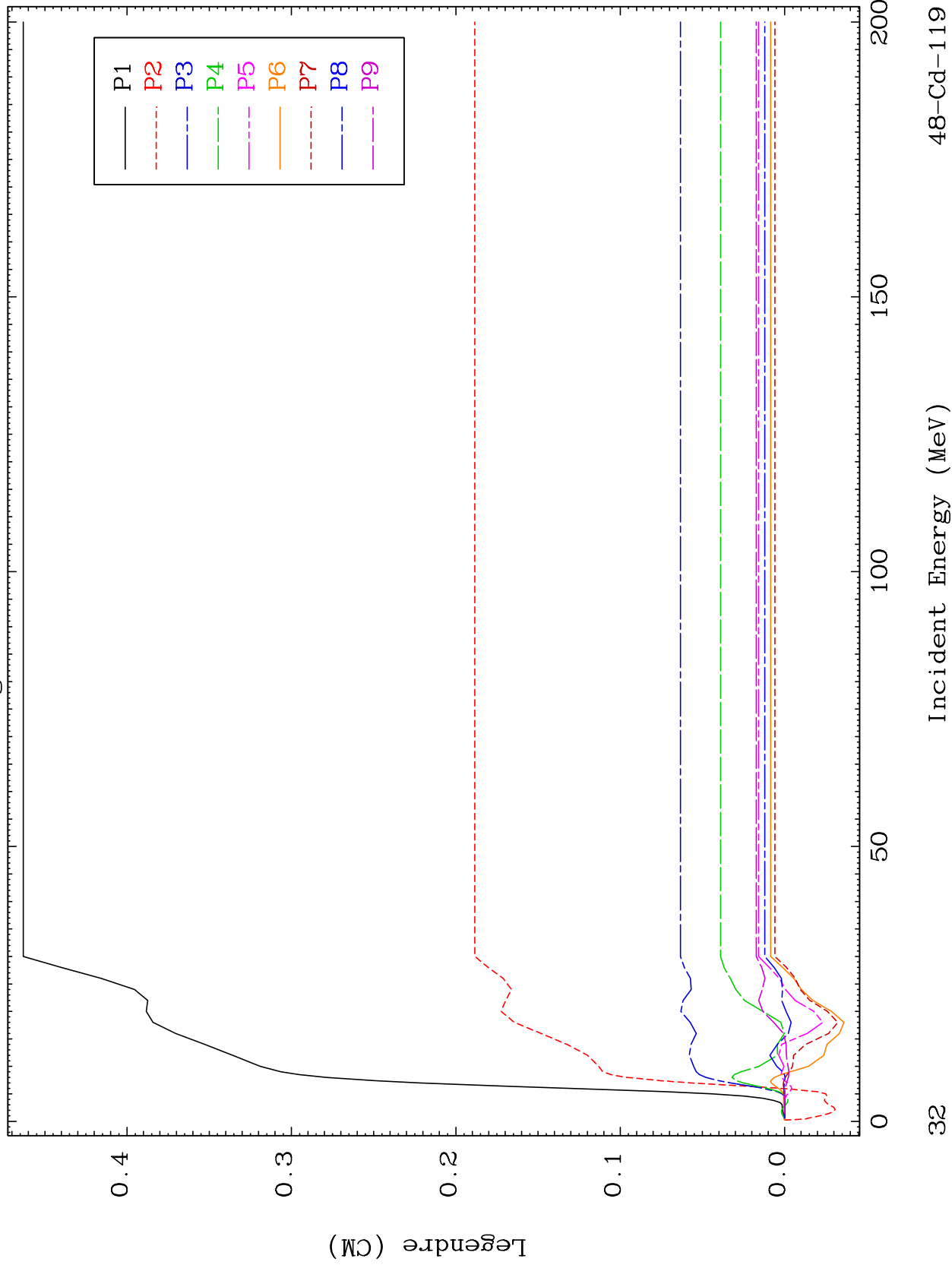
48-Cd-119



MAT 4864

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

48-Cd-119

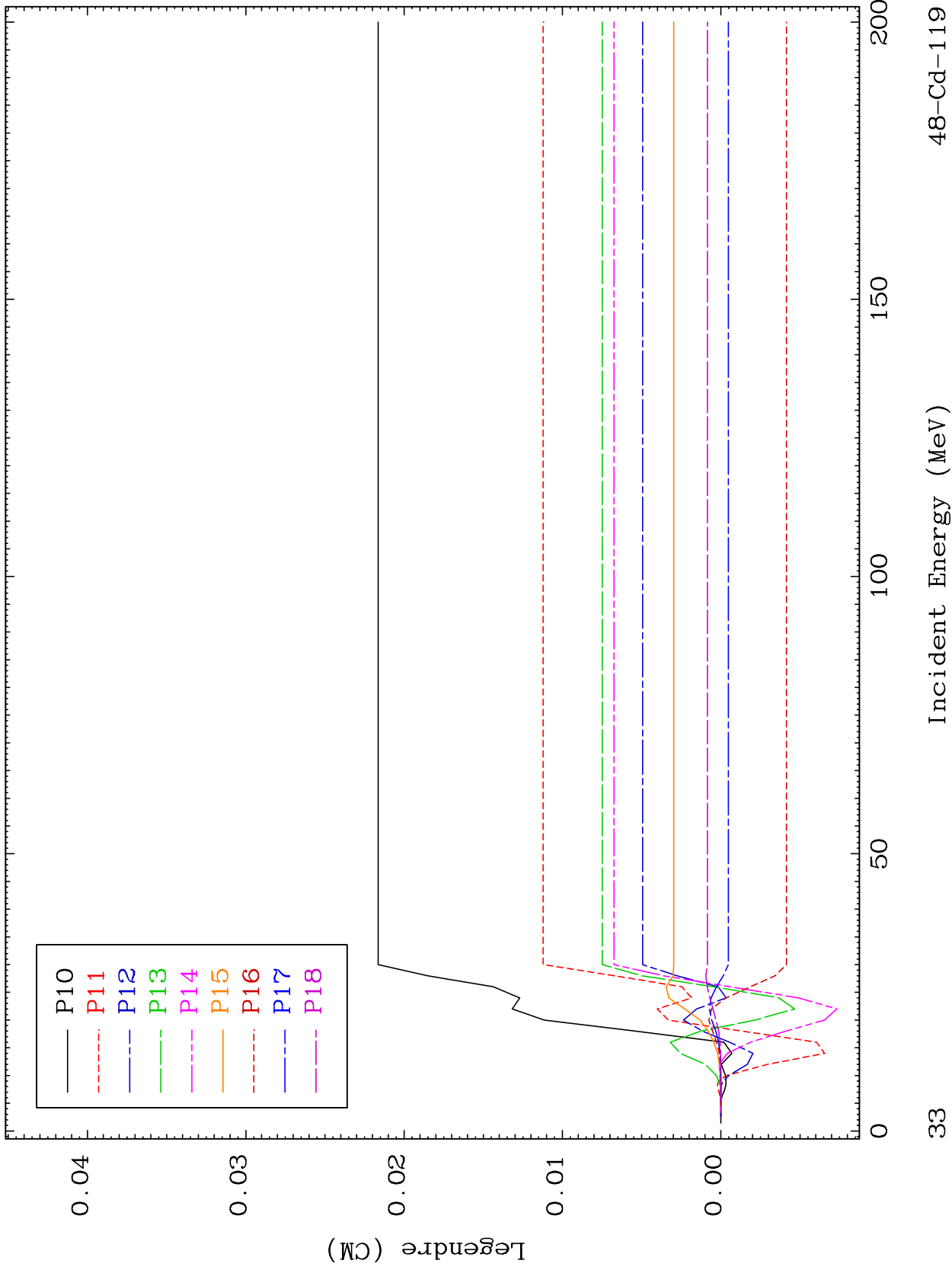


32

MAT 4864

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

48-Cd-119



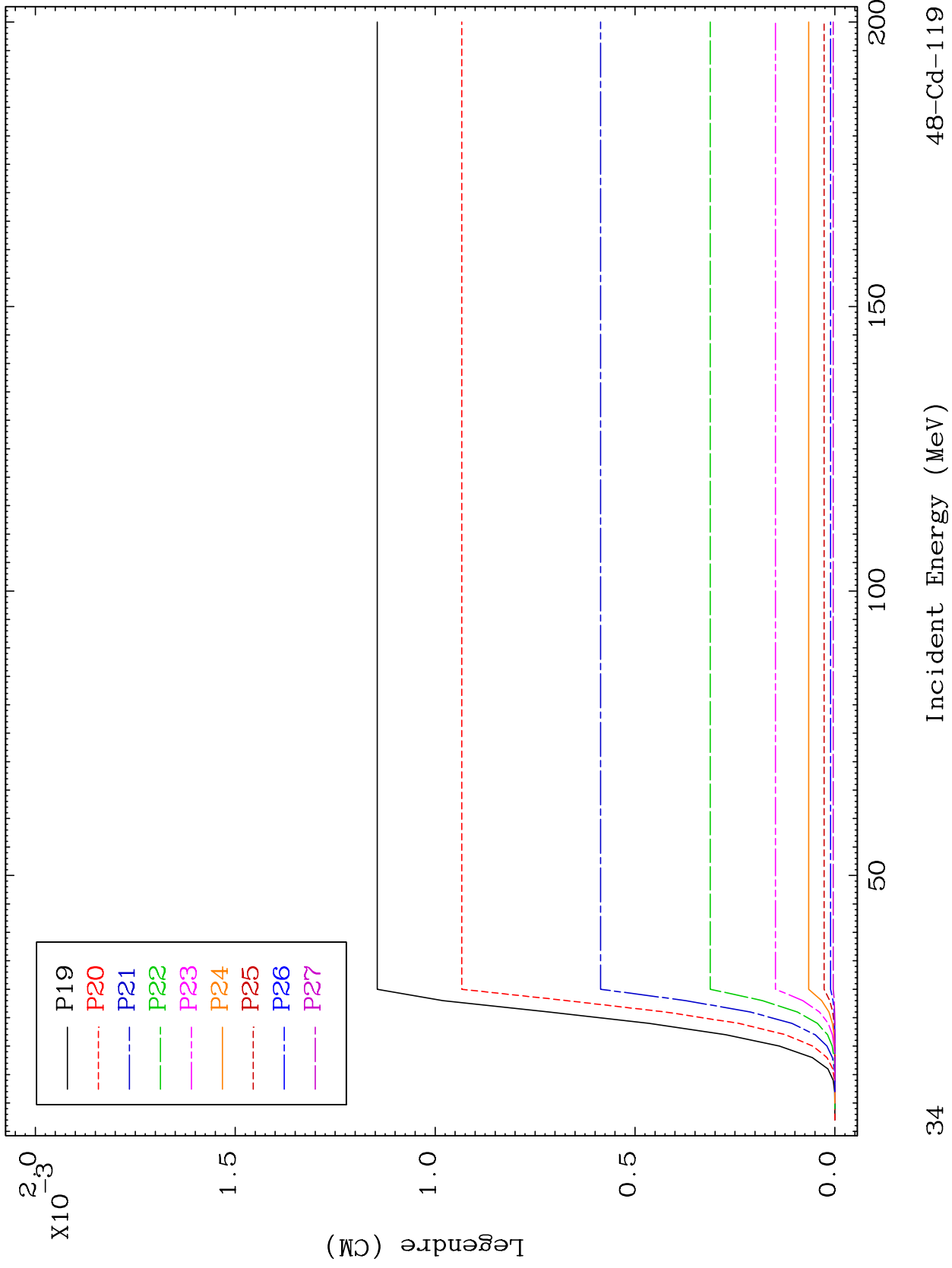
33

48-Cd-119

MAT 4864

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

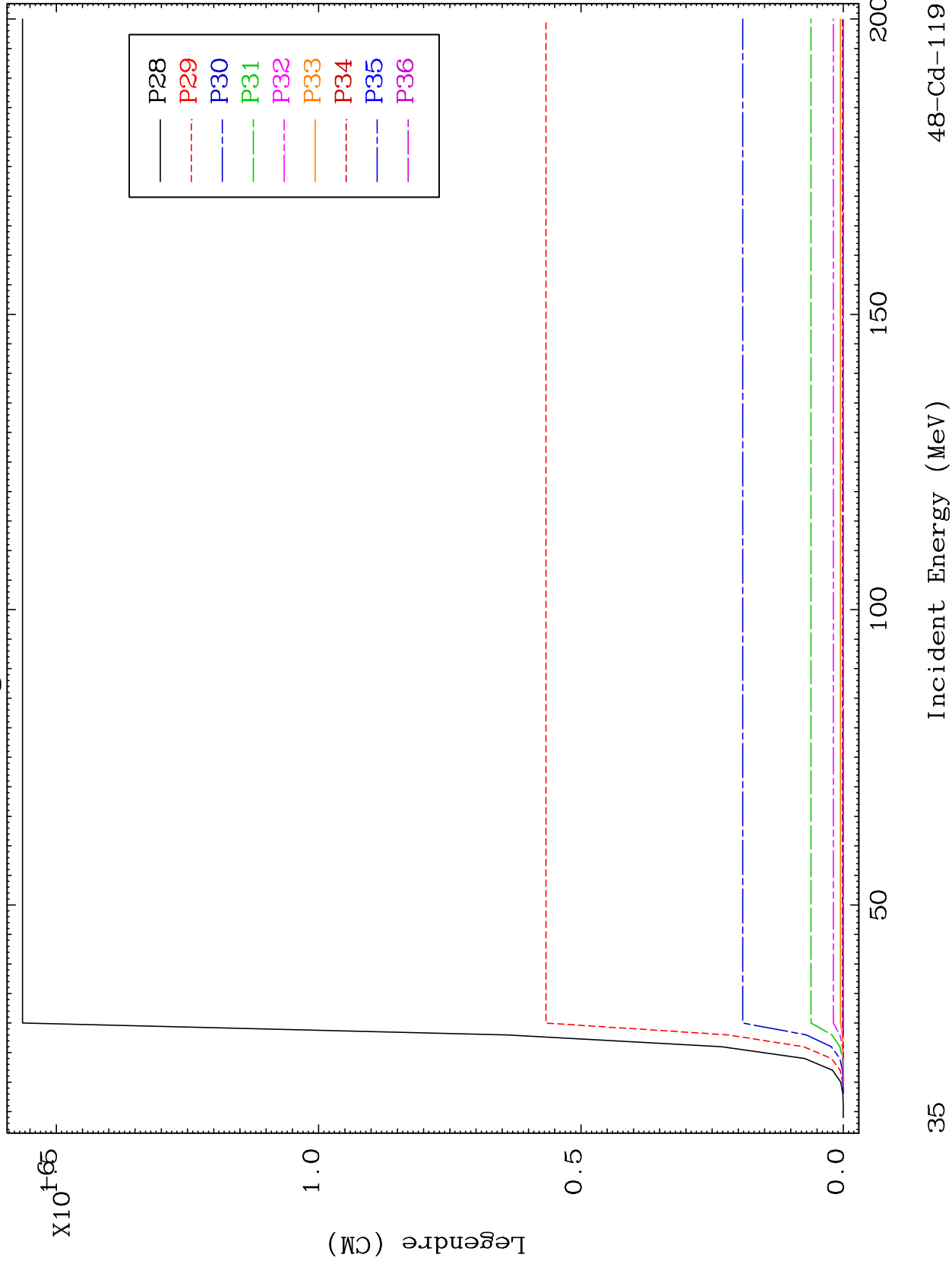
48-Cd-119



MAT 4864

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

48-Cd-119



35

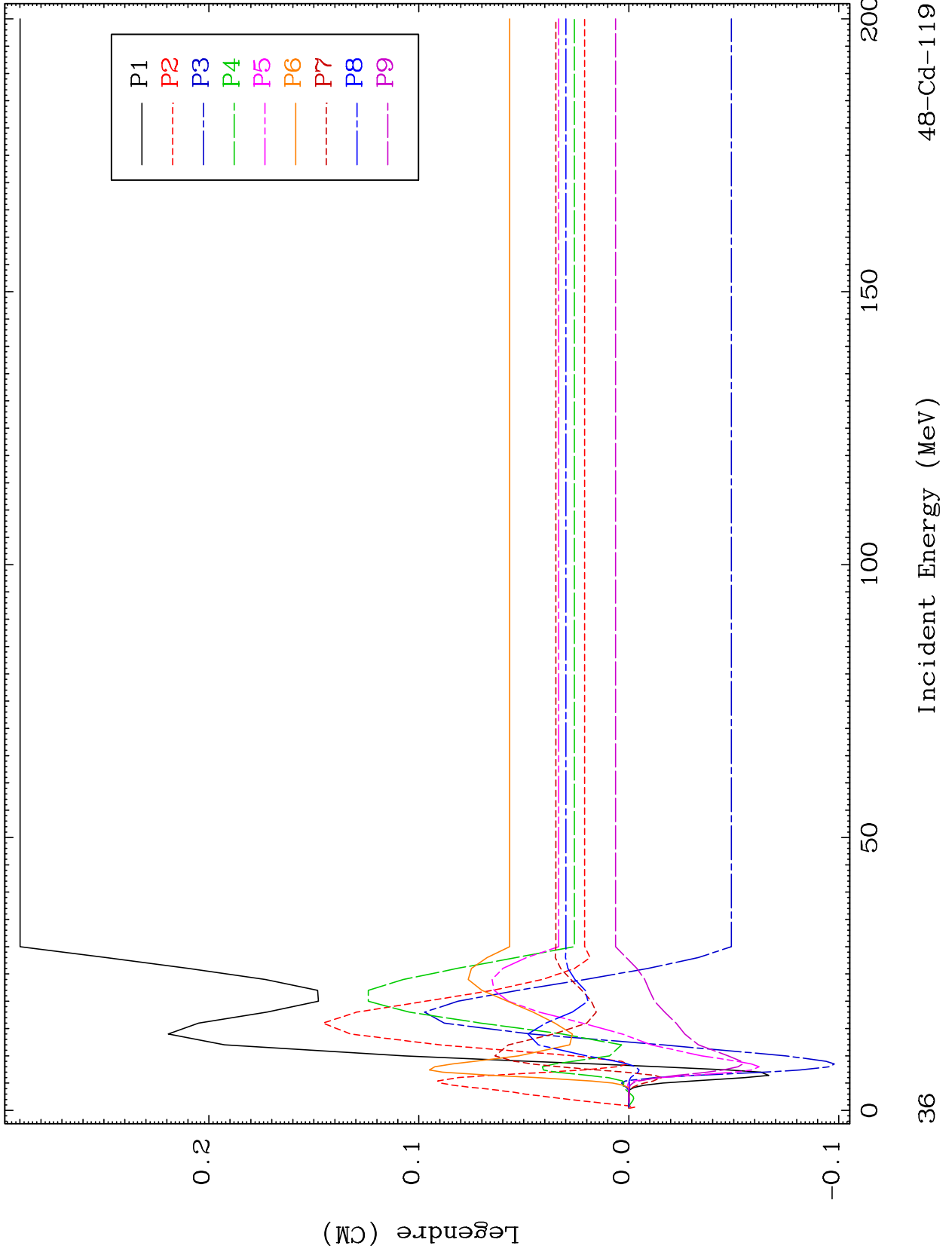
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

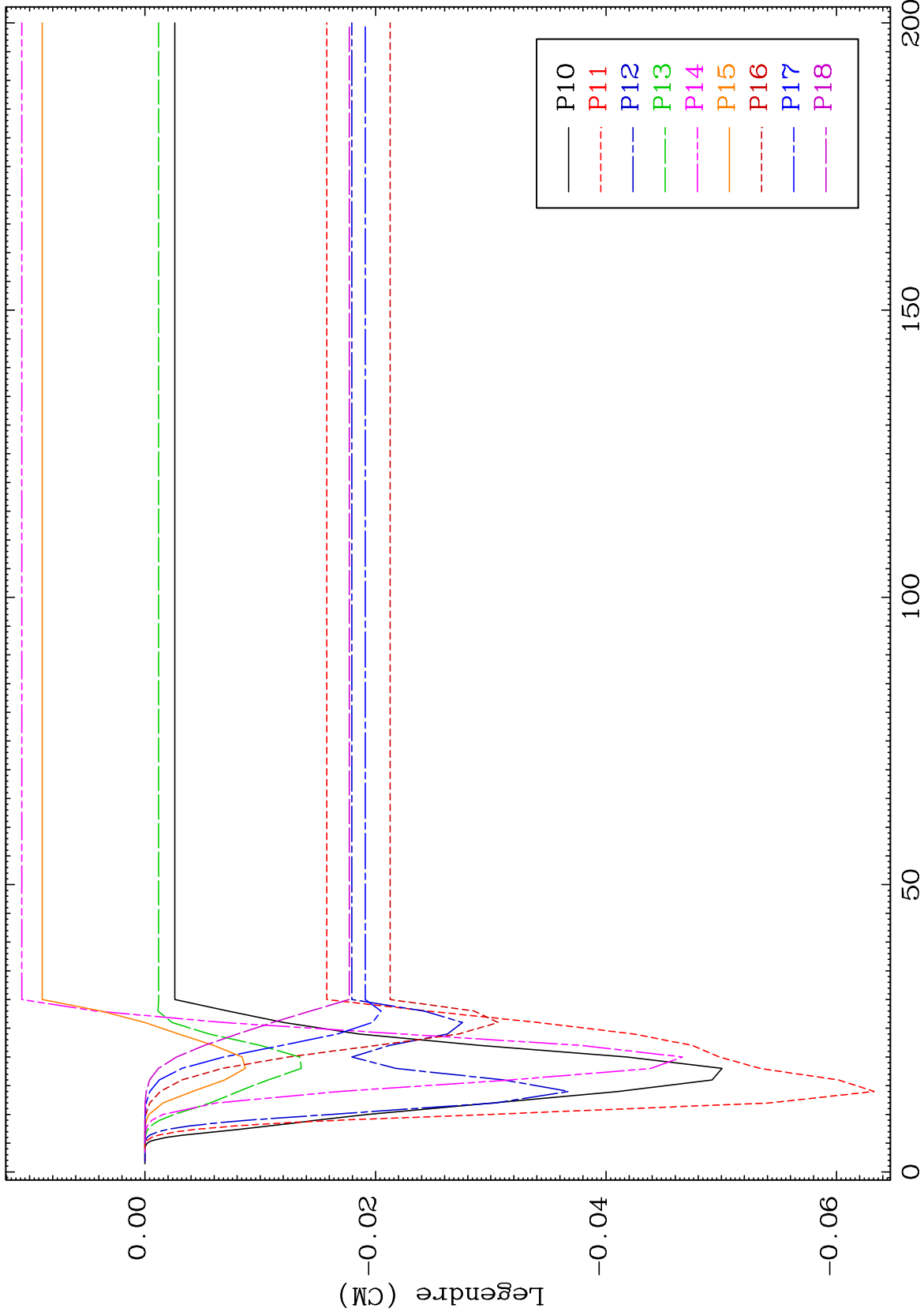
Incident Energy (MeV)

36

MAT 4864

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

48-Cd-119



37

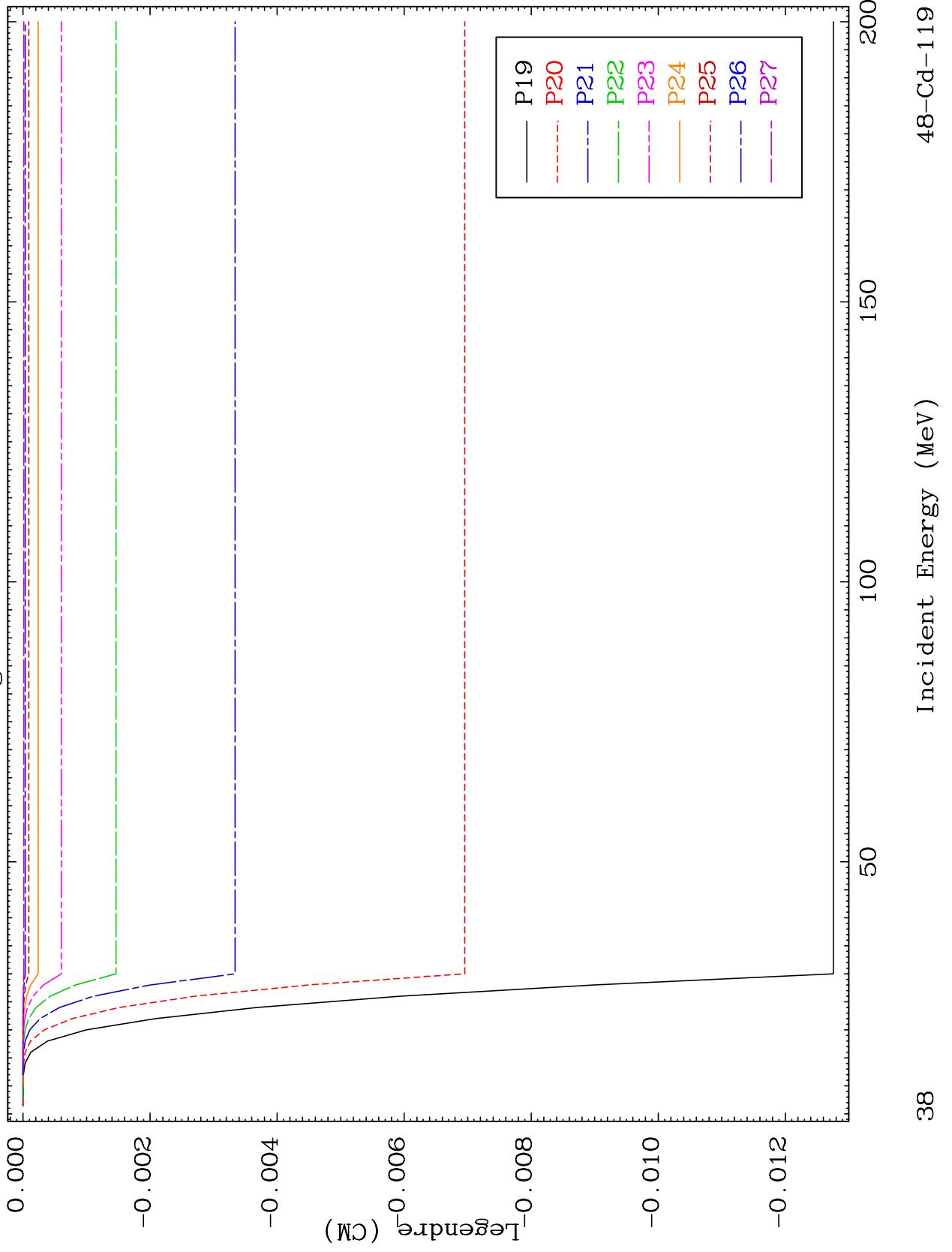
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



38

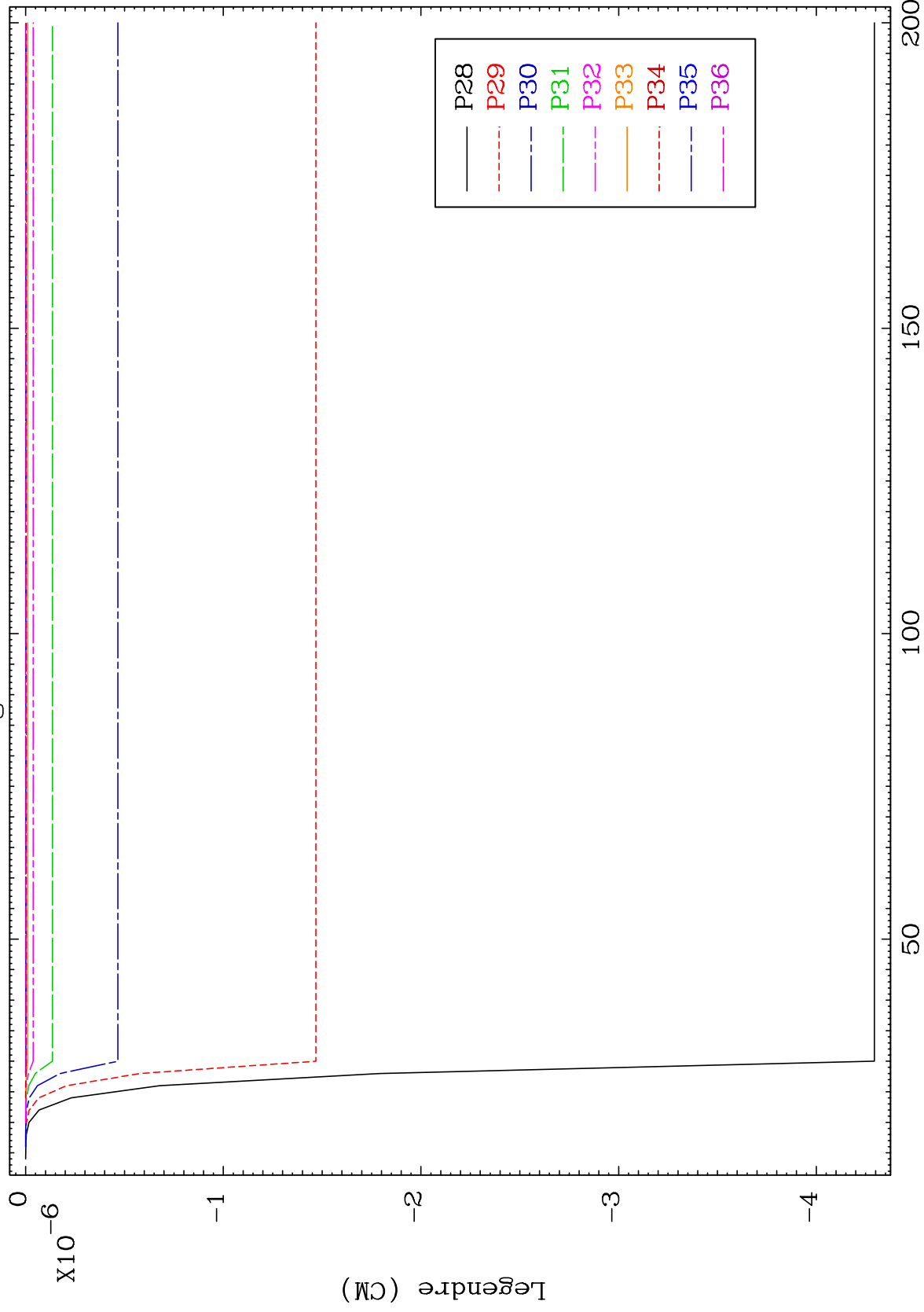
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



39

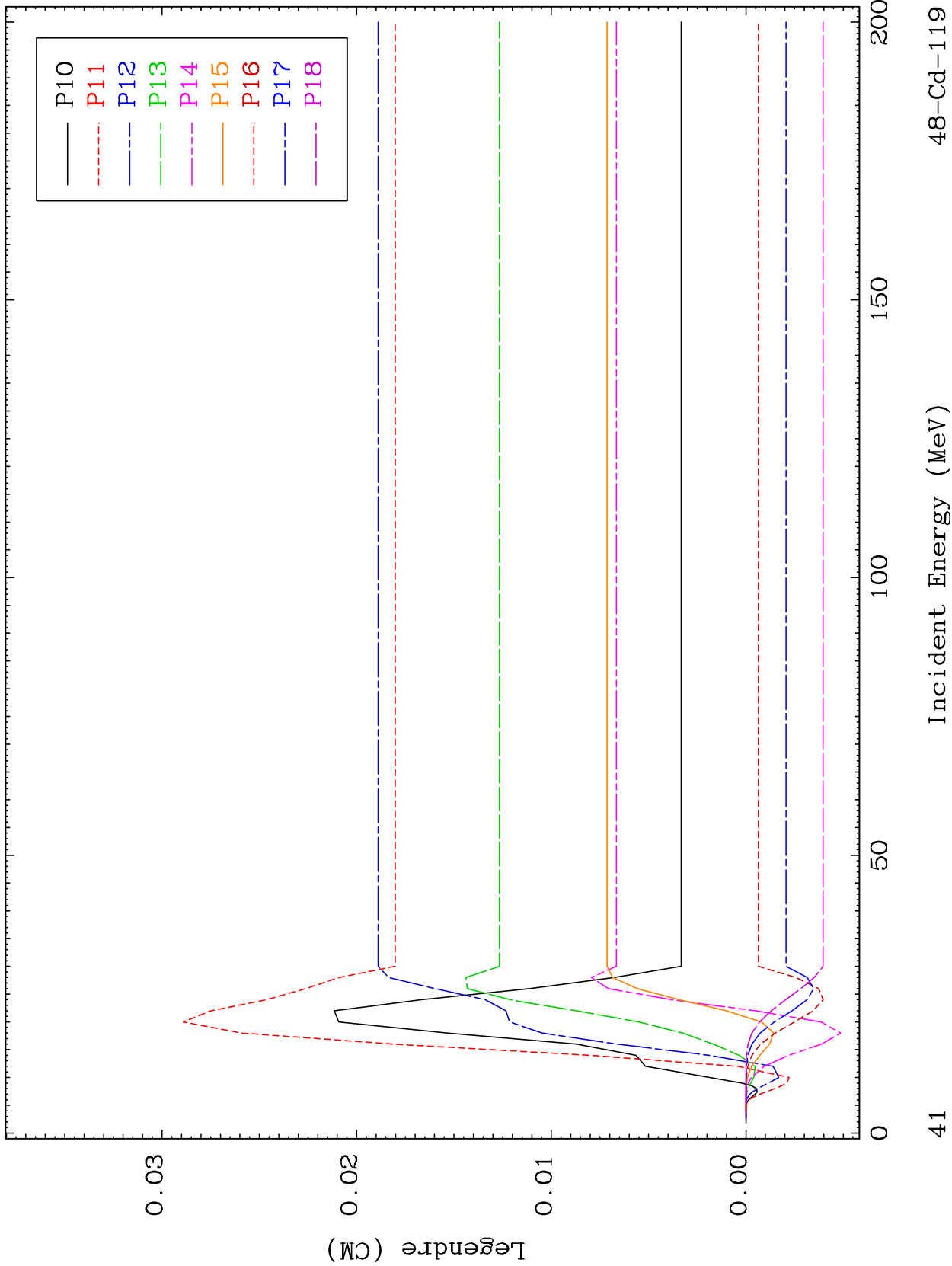
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



41

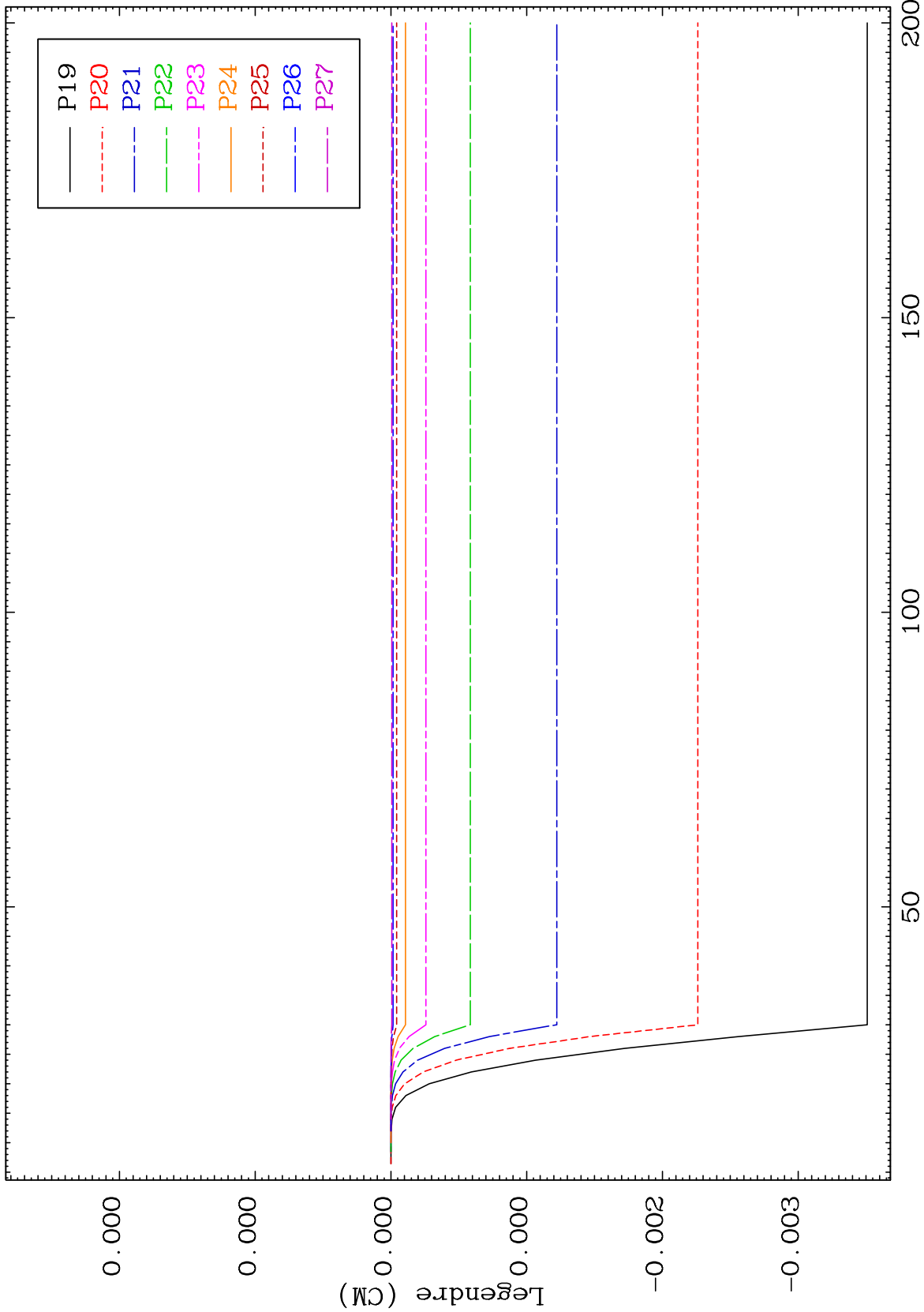
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

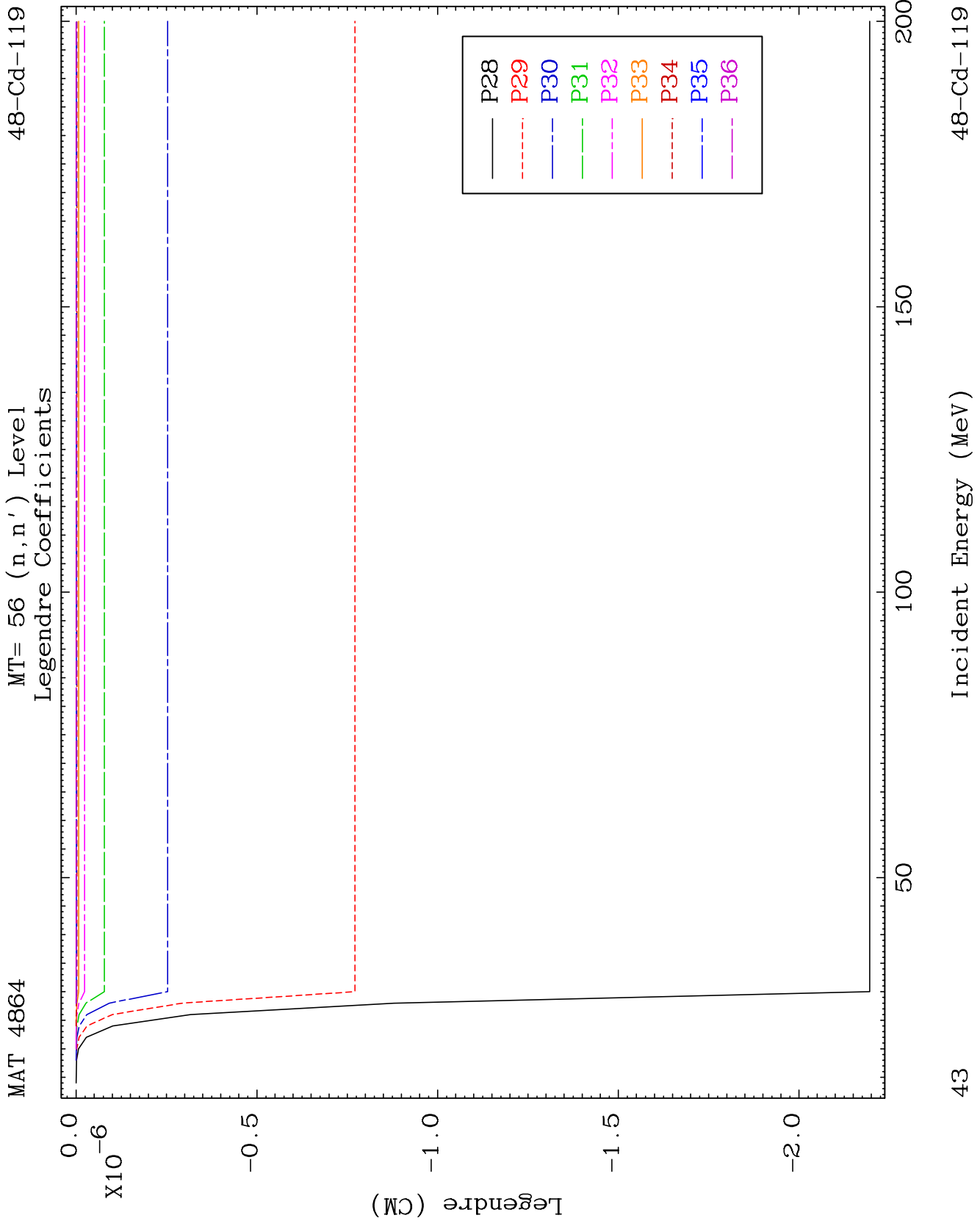
48-Cd-119



42

Incident Energy (MeV)

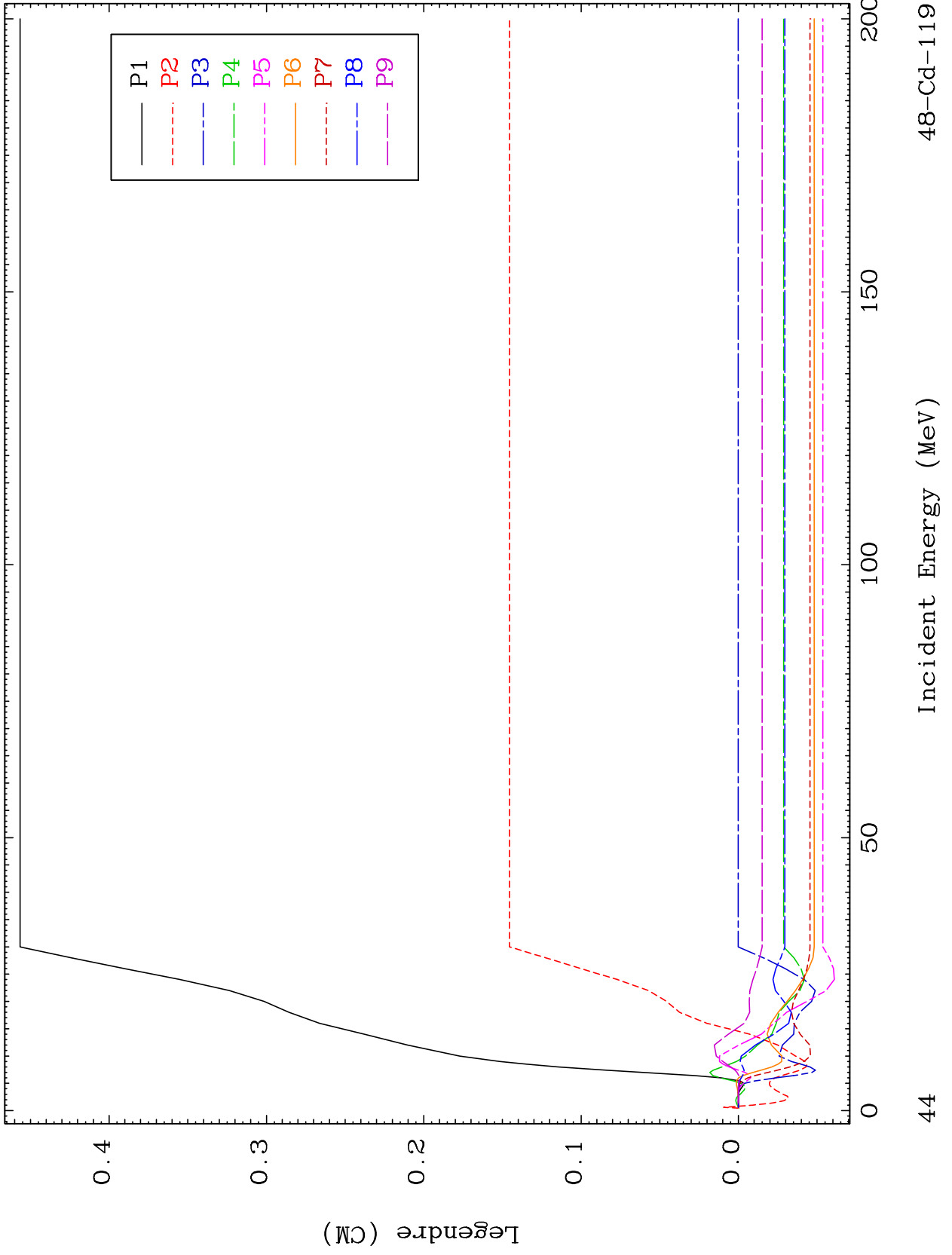
48-Cd-119



MAT 4864

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

48-Cd-119



44

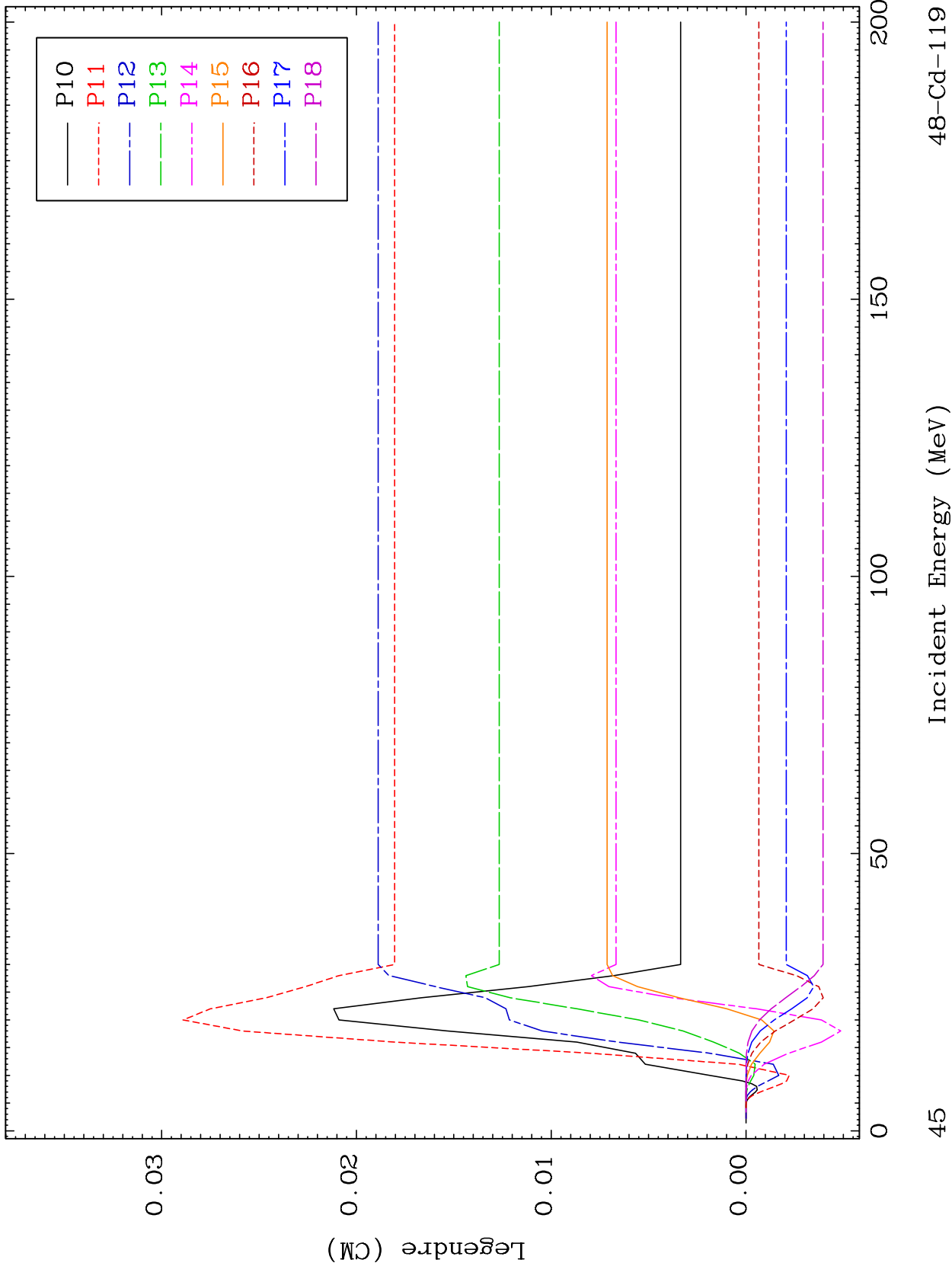
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119

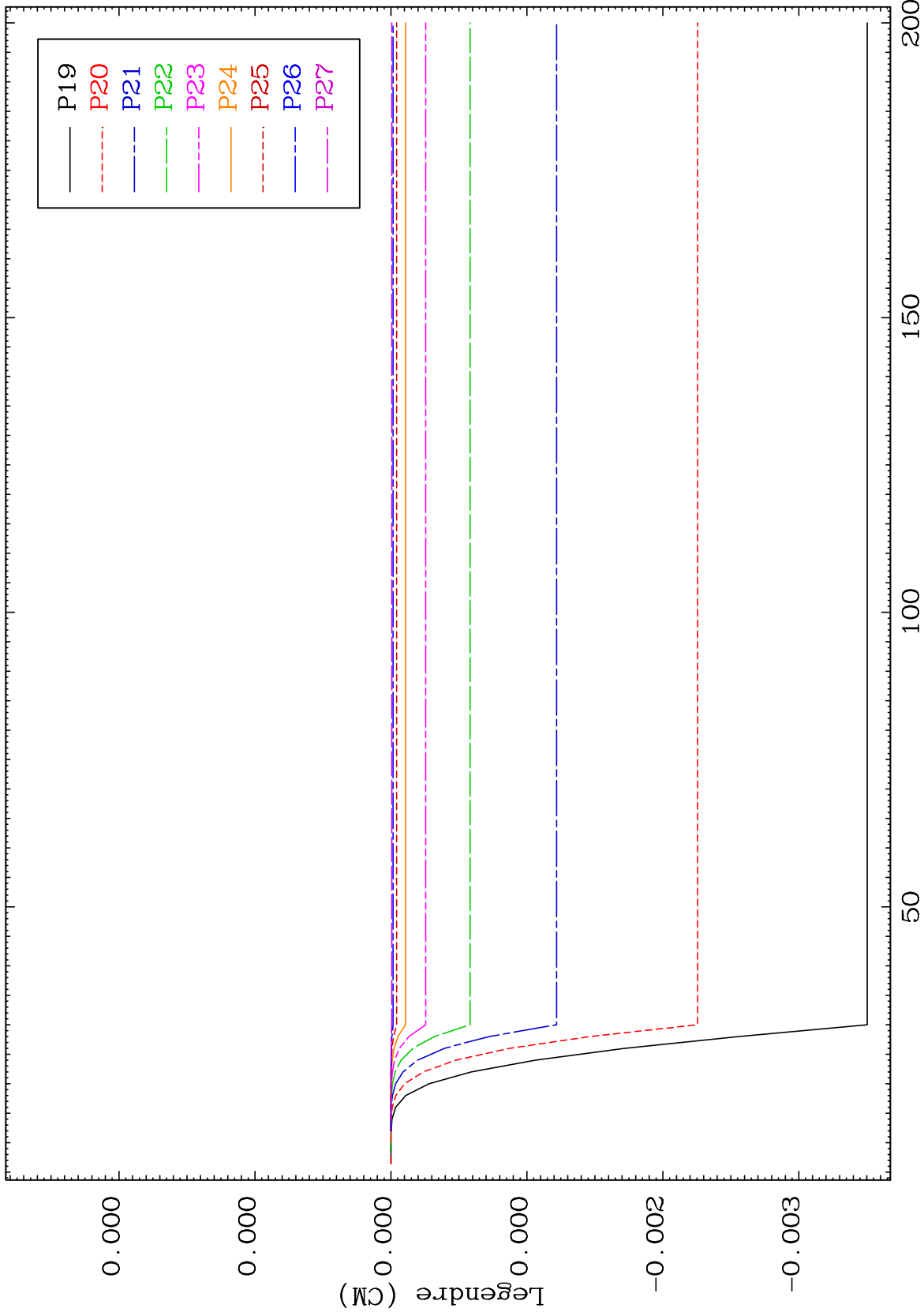


48-Cd-119

MAT 4864

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

48-Cd-119



46

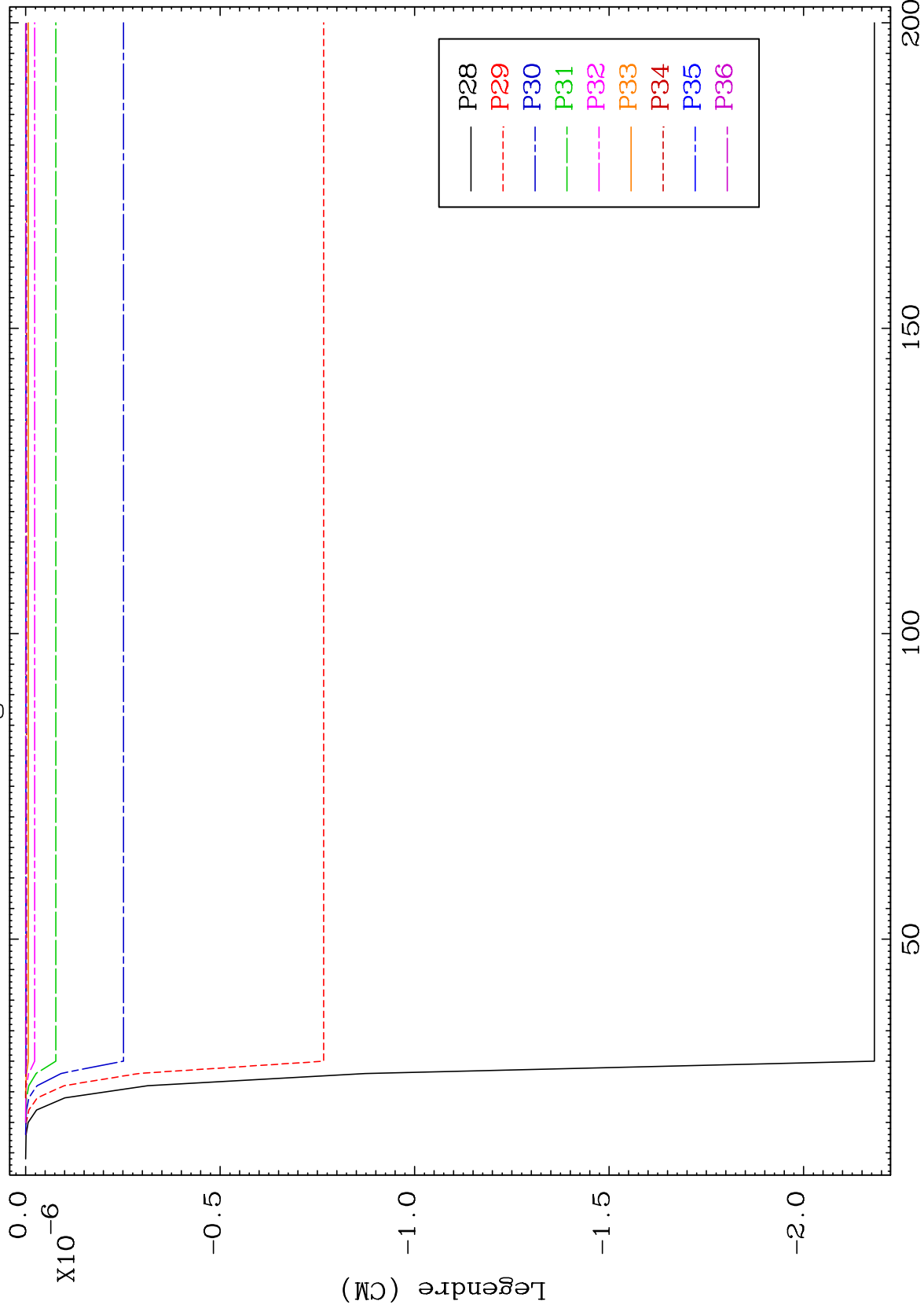
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



47

Incident Energy (MeV)

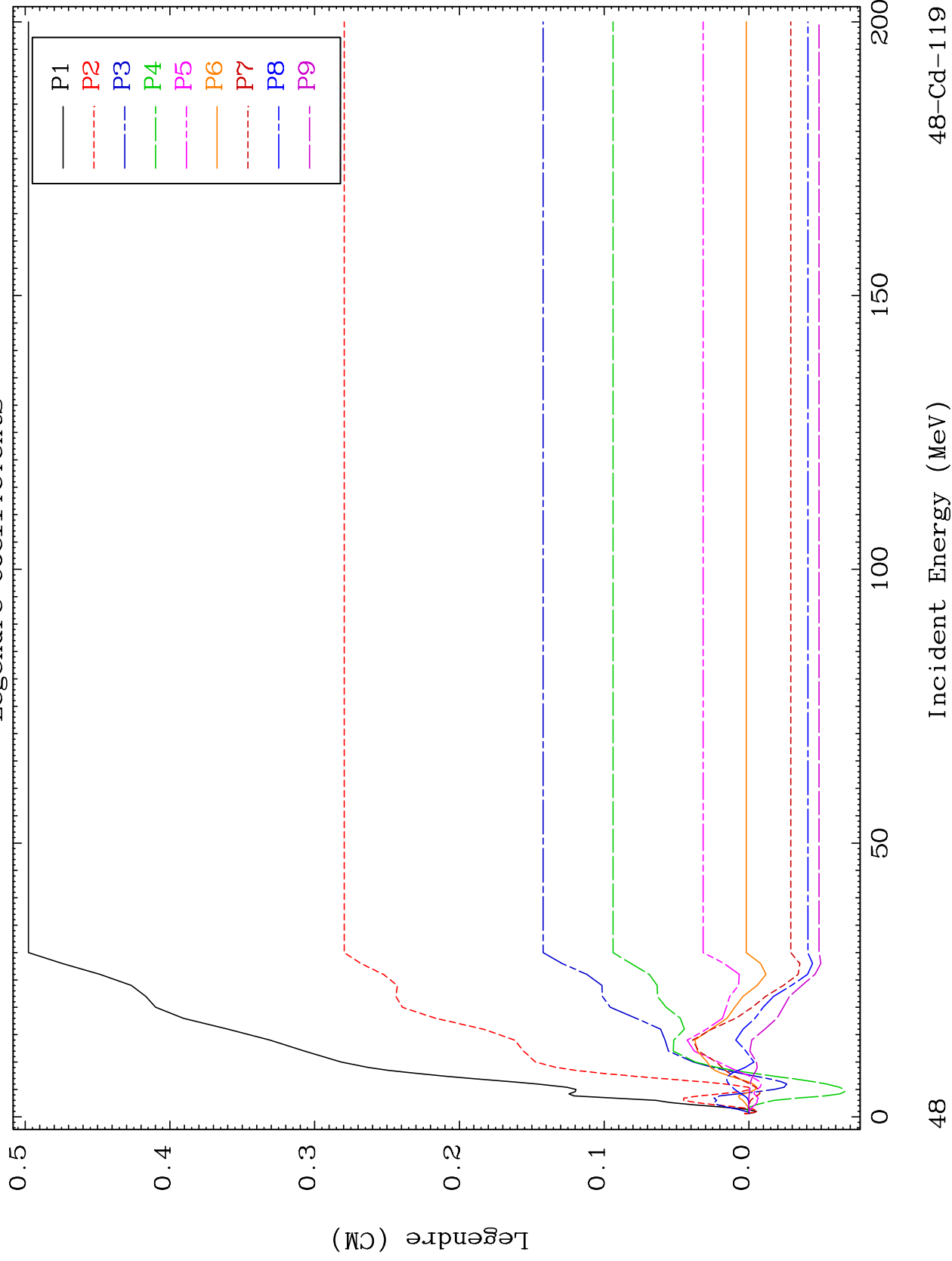
48-Cd-119

MAT 4864

MT= 58 (n,n') Level

48-Cd-119

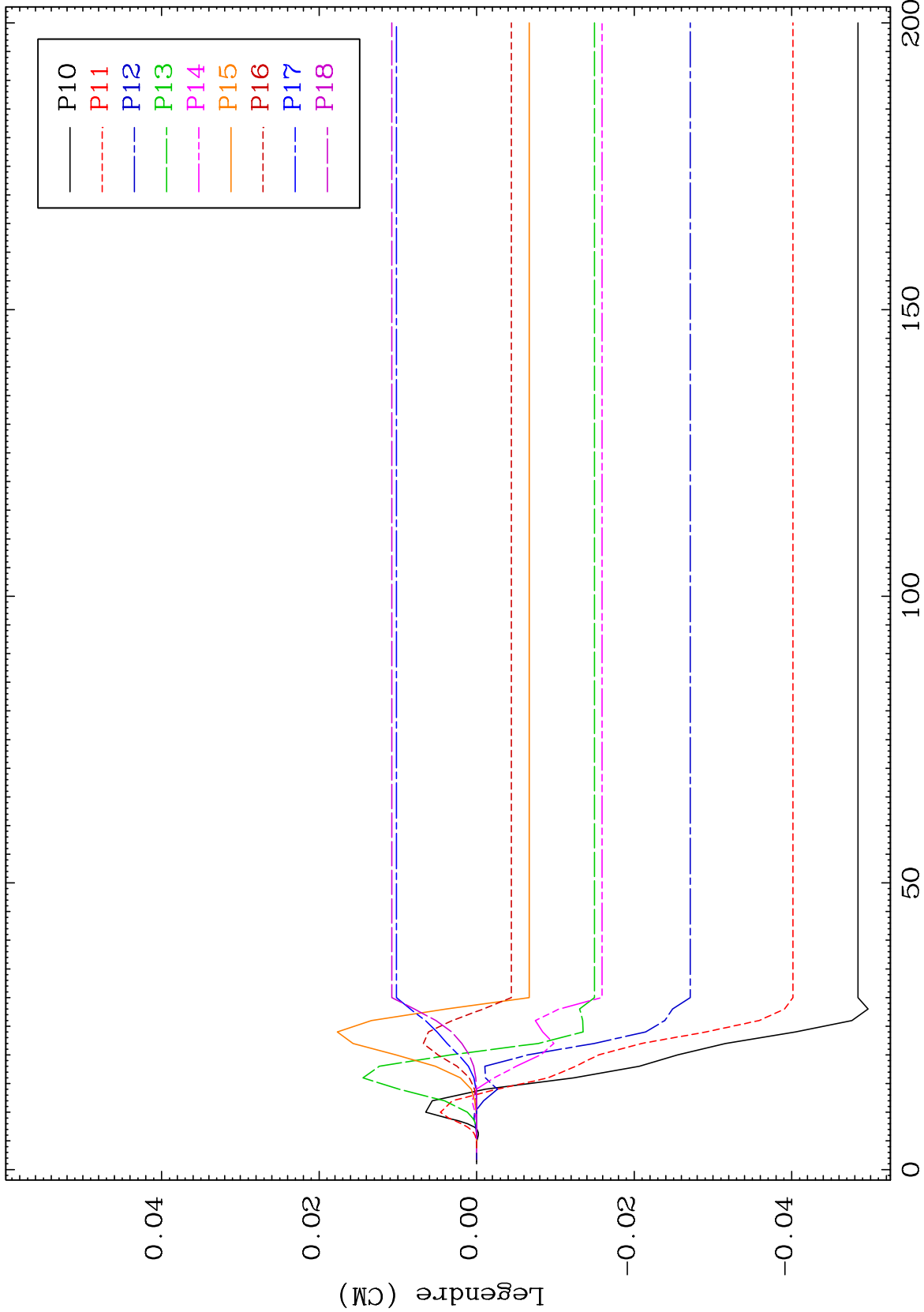
Legendre Coefficients



MAT 4864

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

48-Cd-119



49

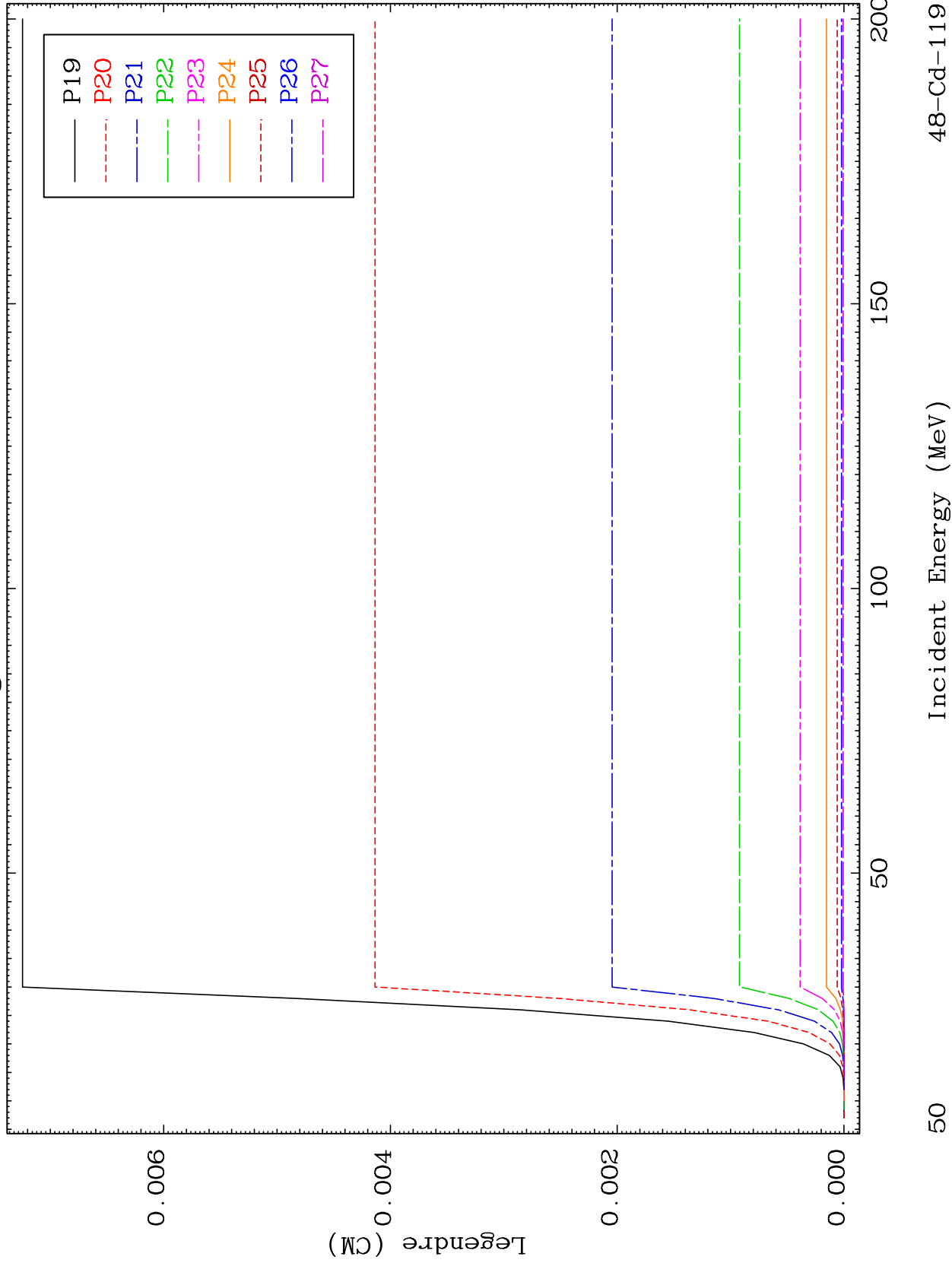
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

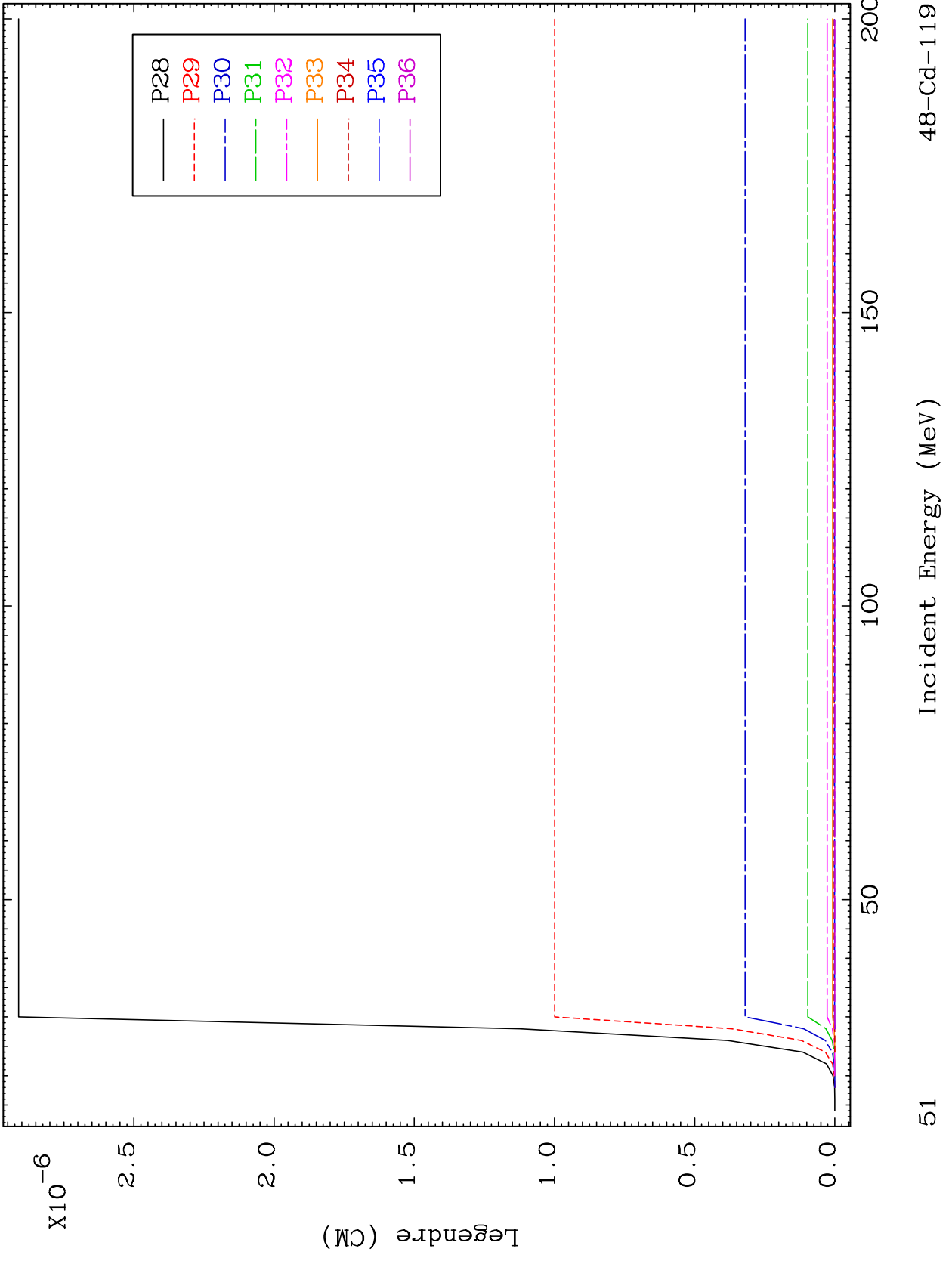
Incident Energy (MeV)

50

MAT 4864

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

48-Cd-119



51

Incident Energy (MeV)

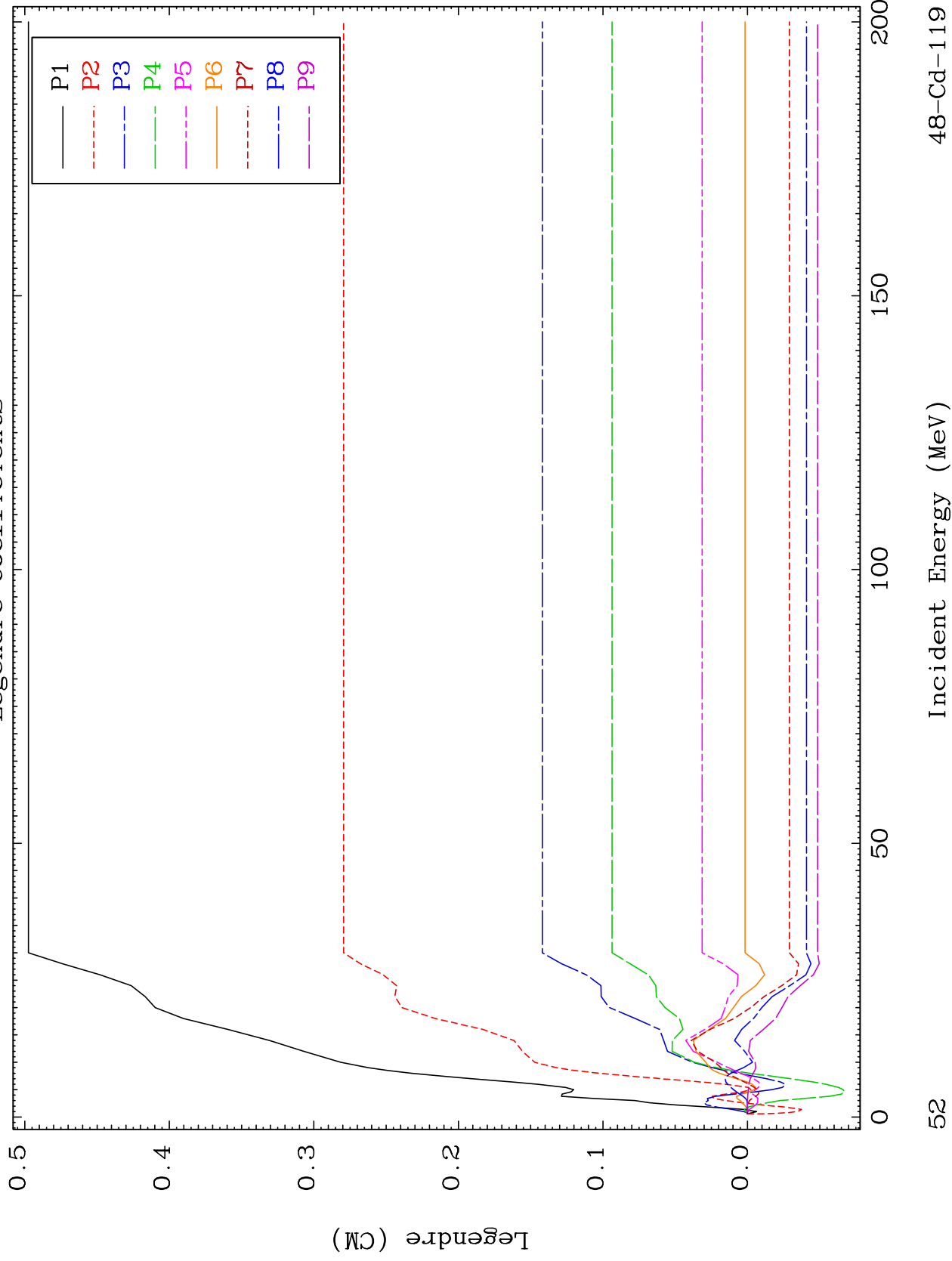
48-Cd-119

MAT 4864

MT= 59 (n,n') Level

48-Cd-119

Legendre Coefficients



52

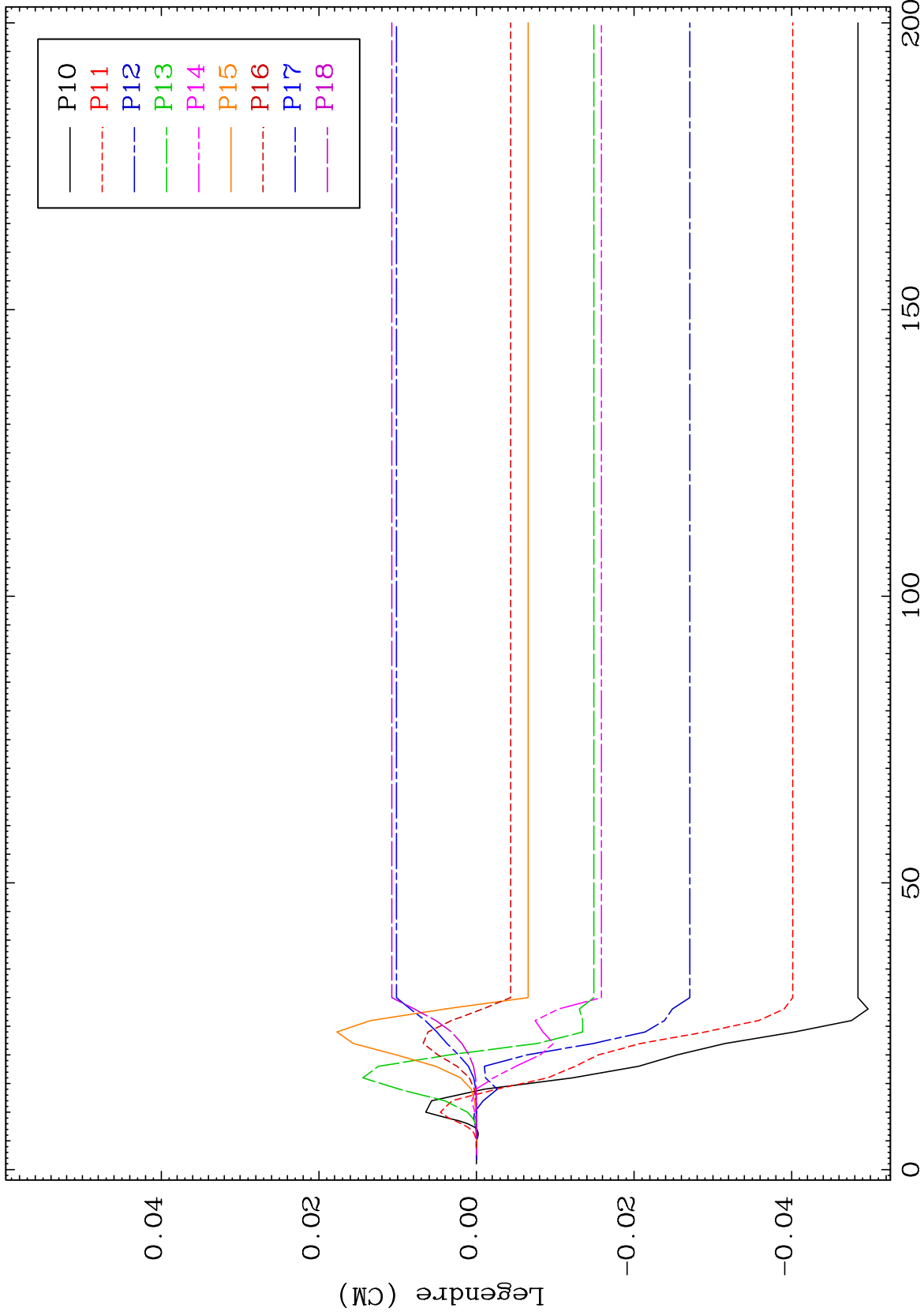
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



53

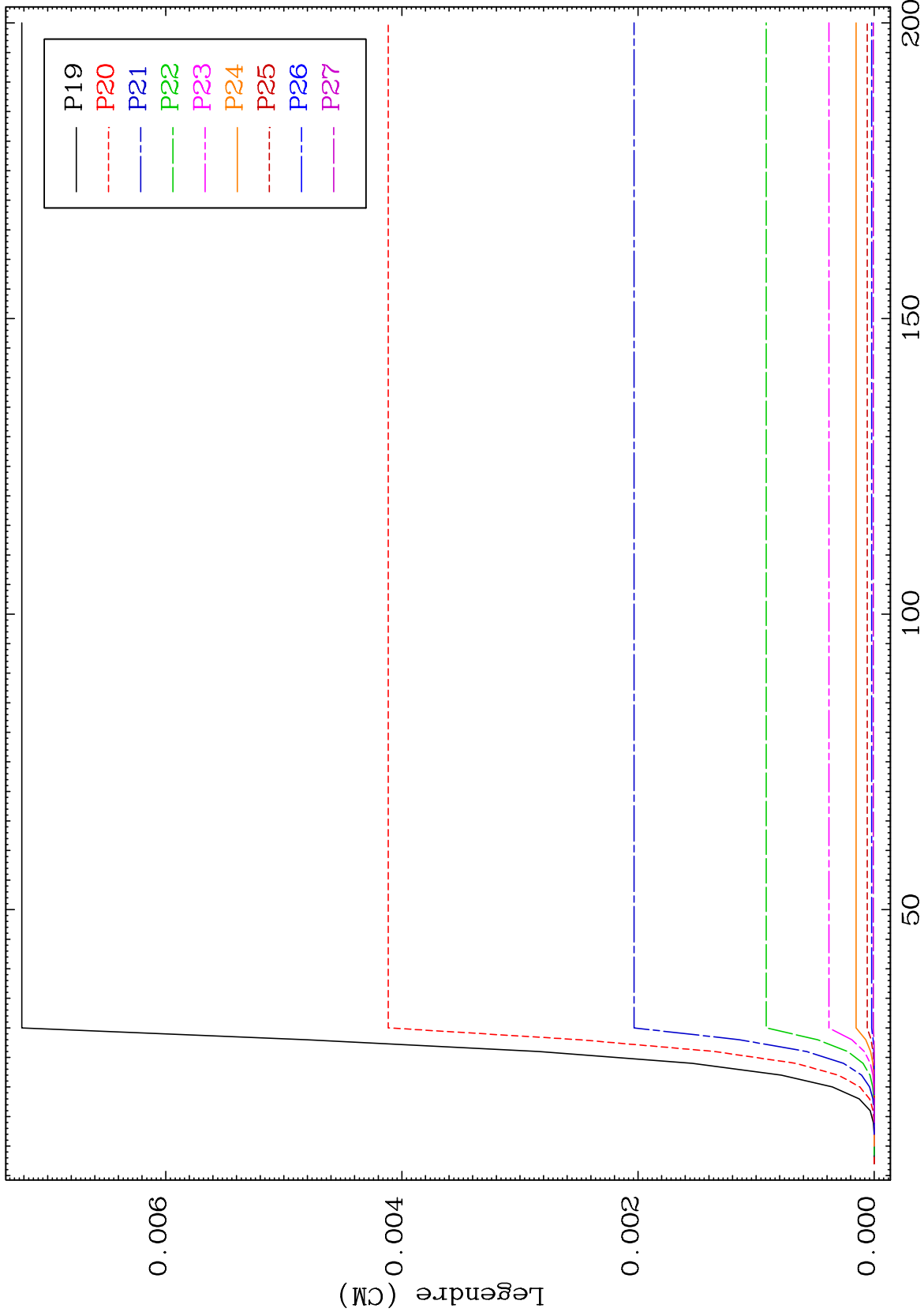
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



54

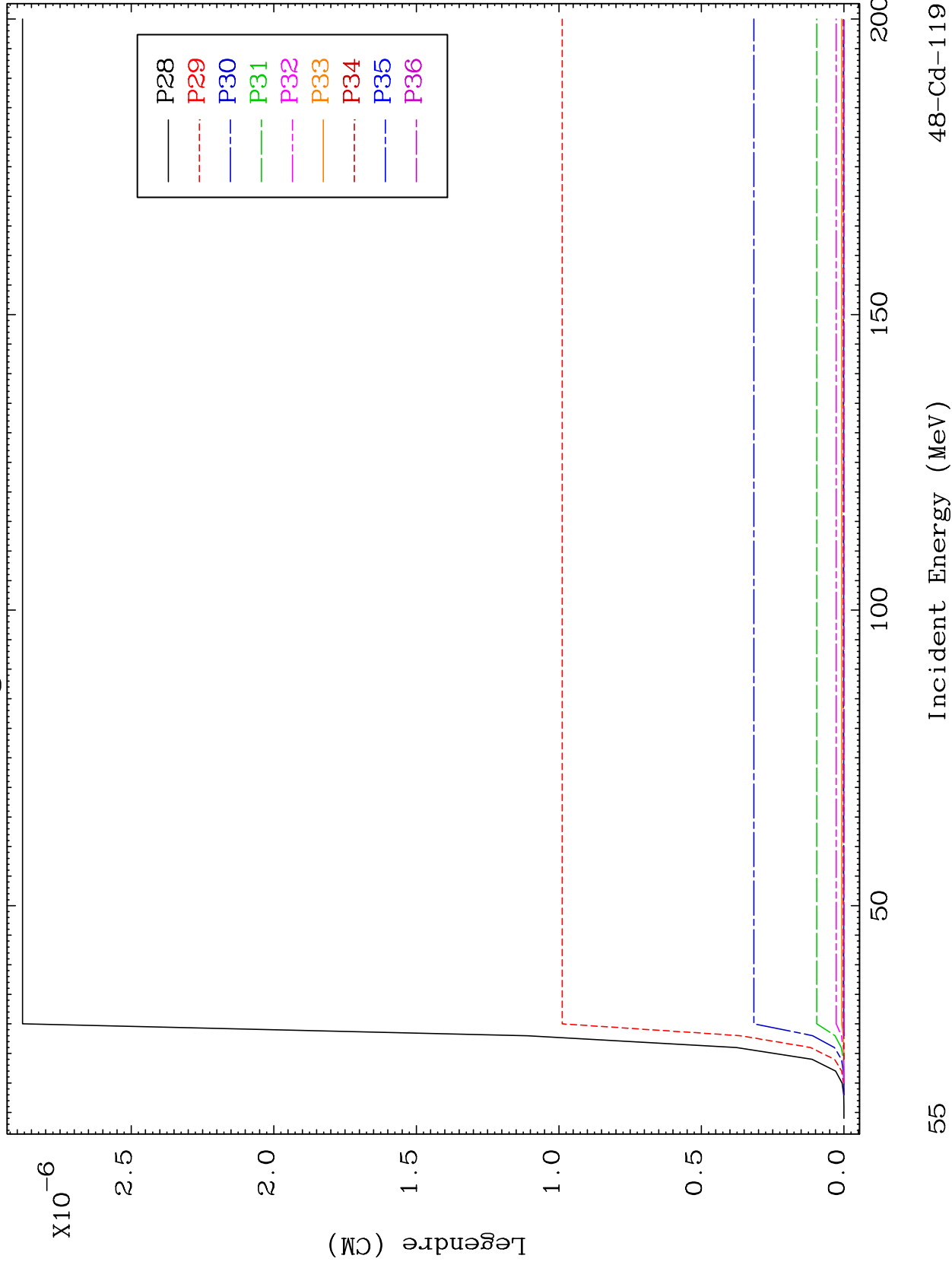
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



55

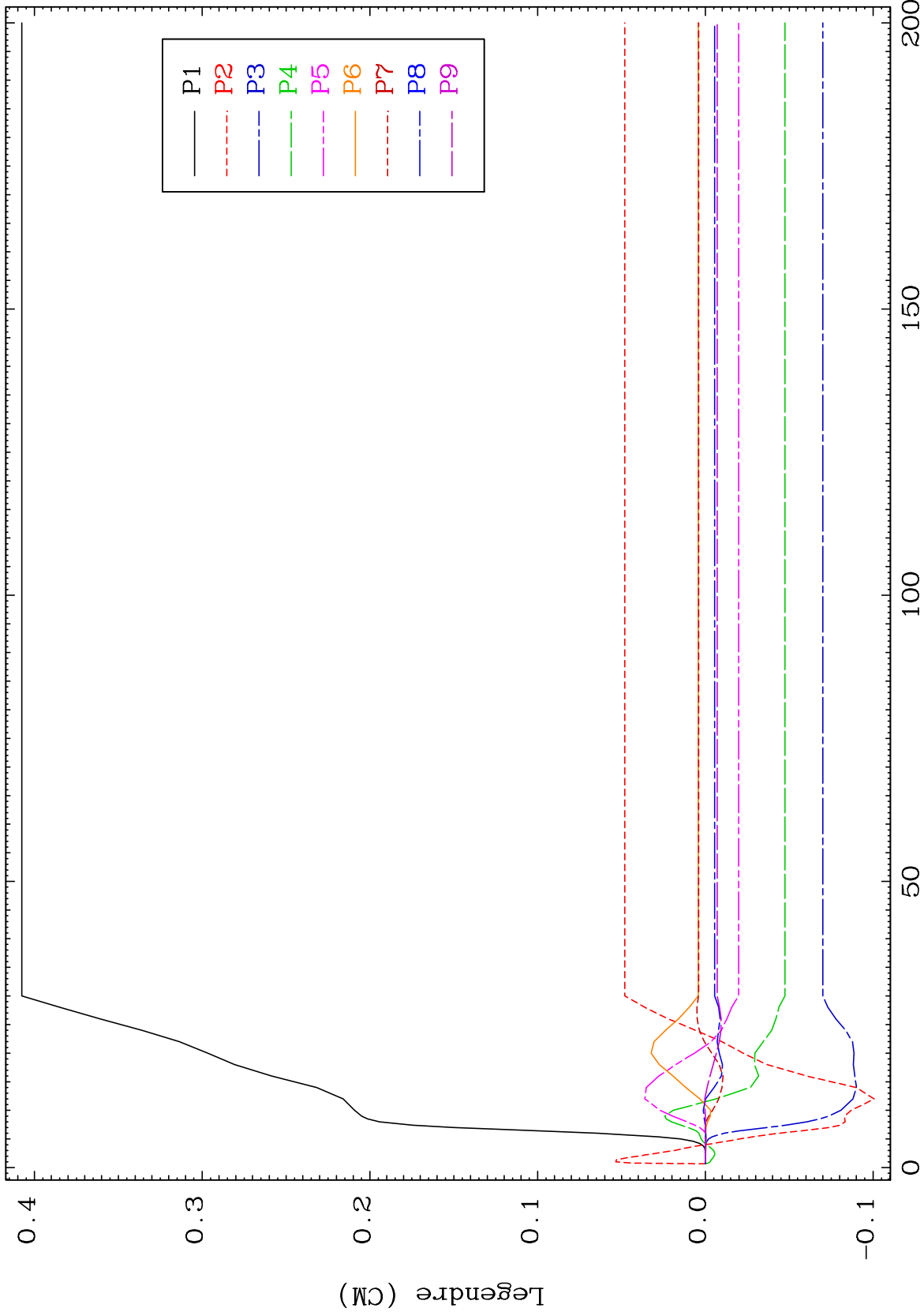
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



56

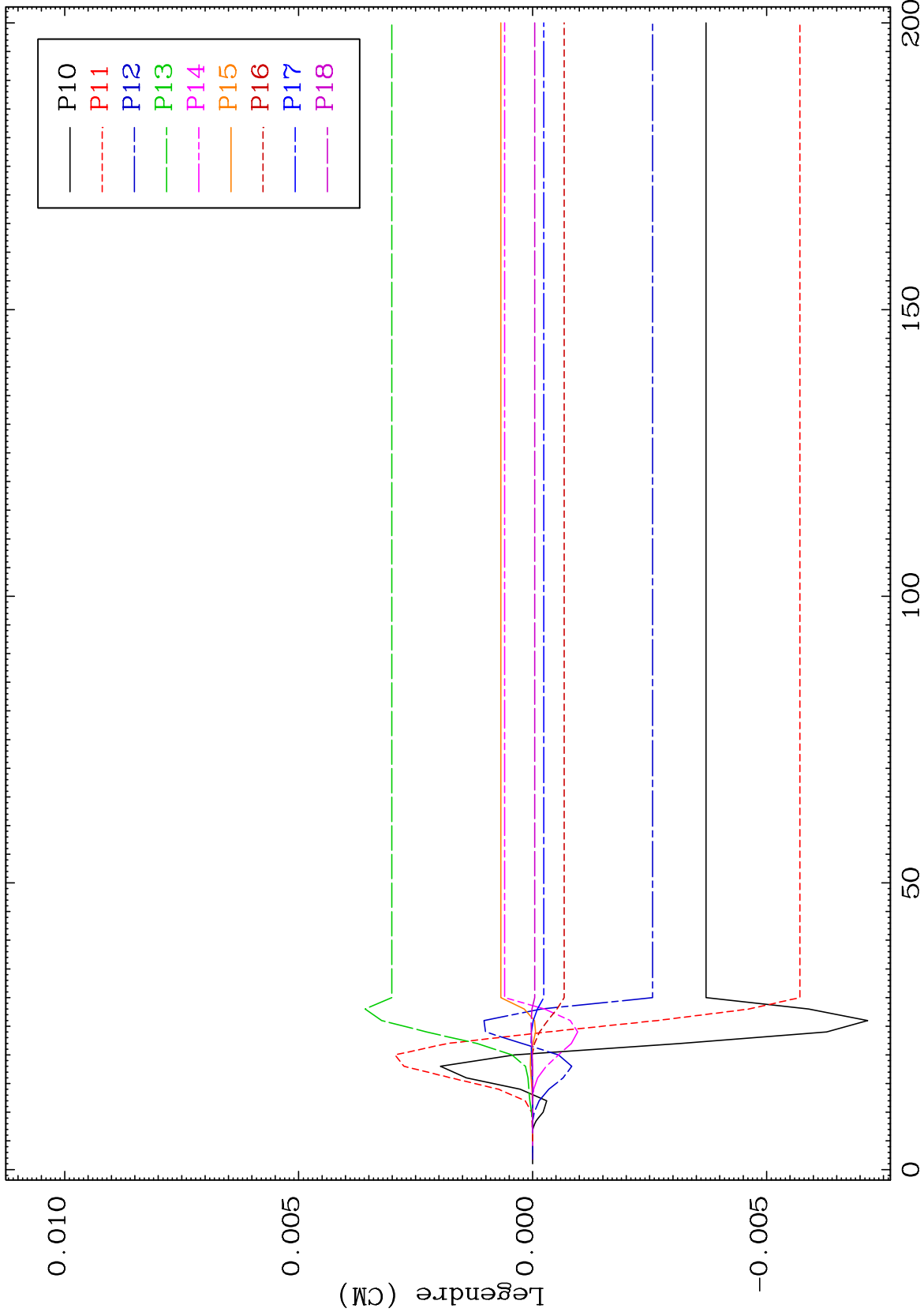
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



57

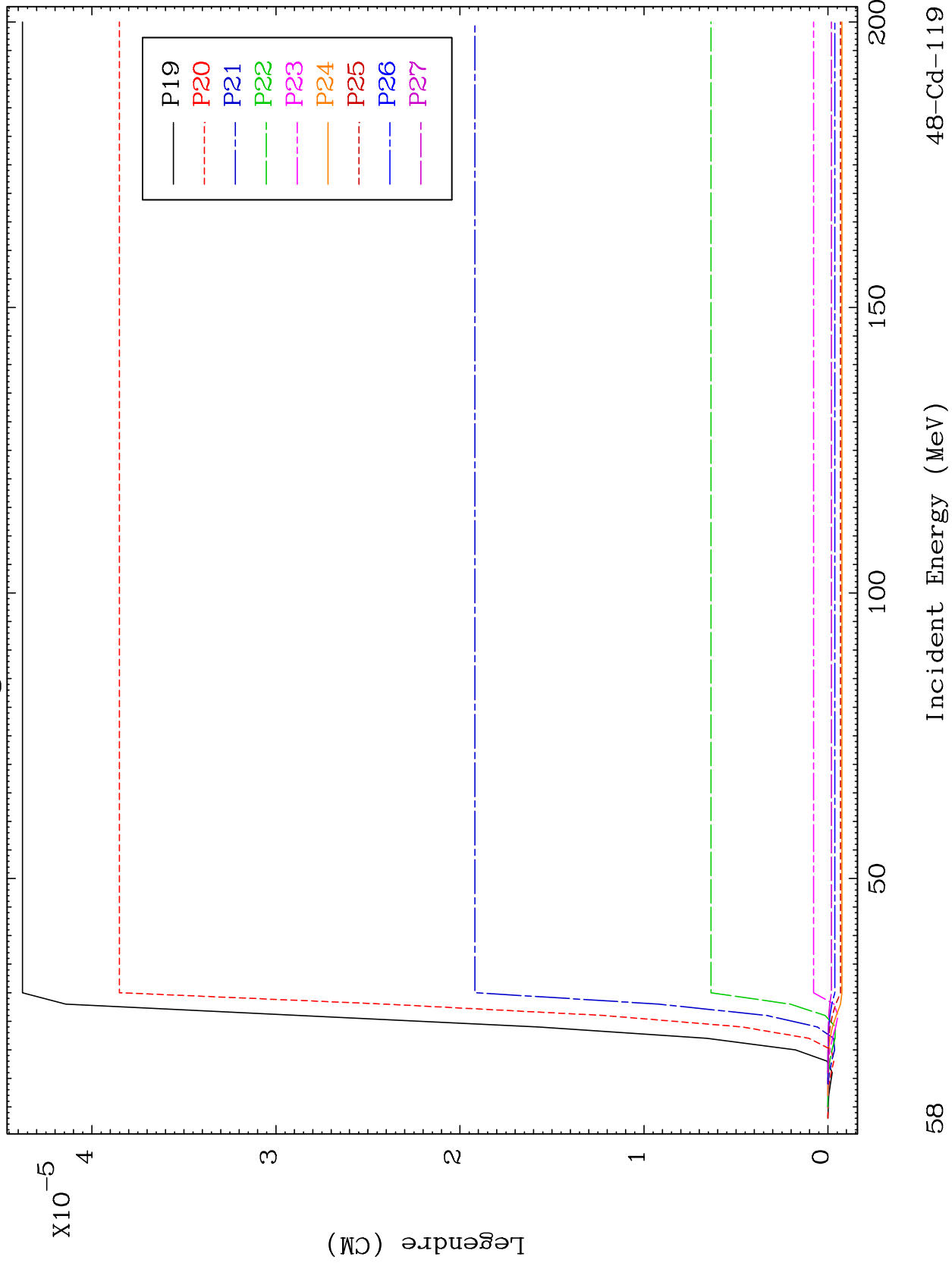
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



58

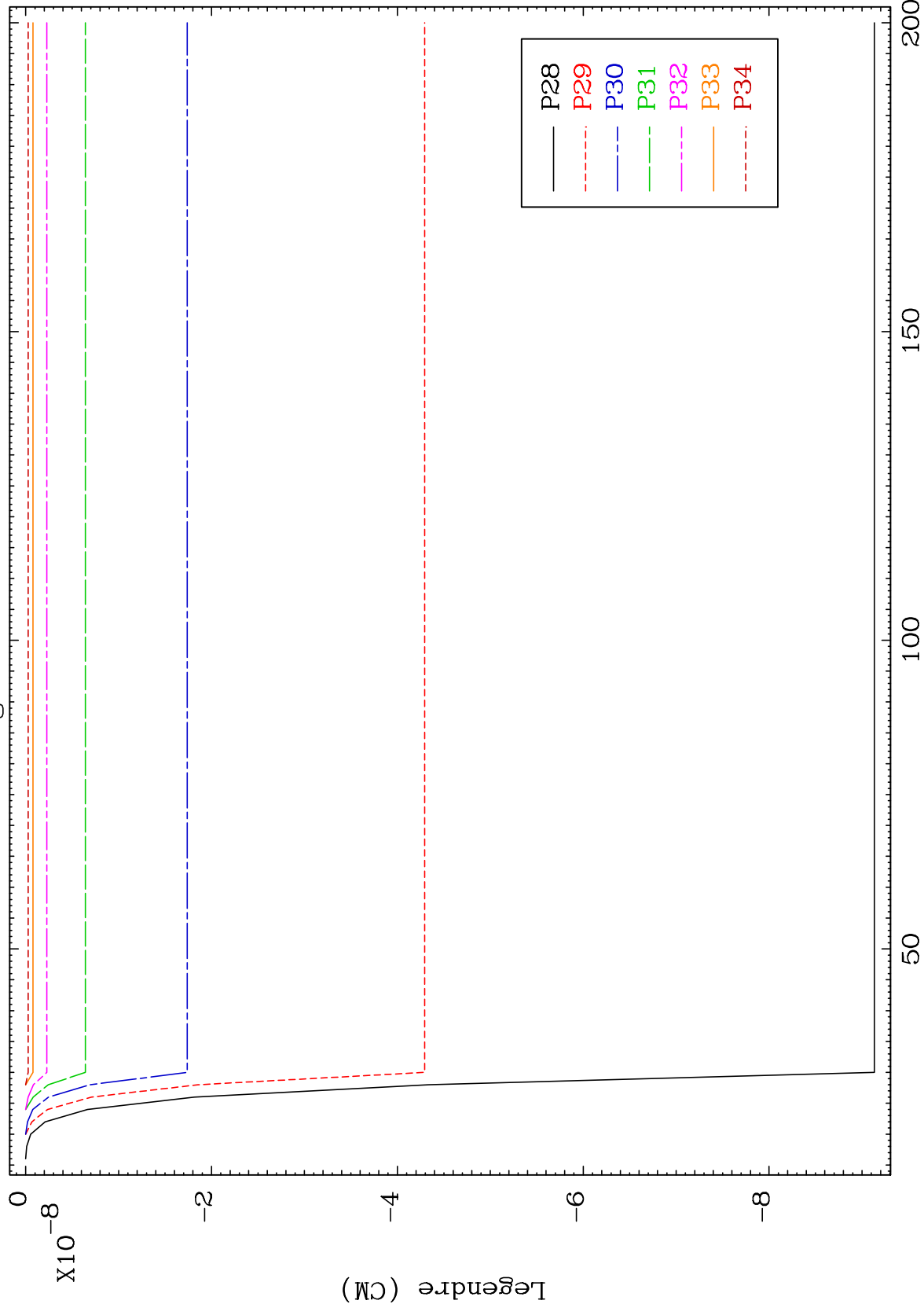
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



59

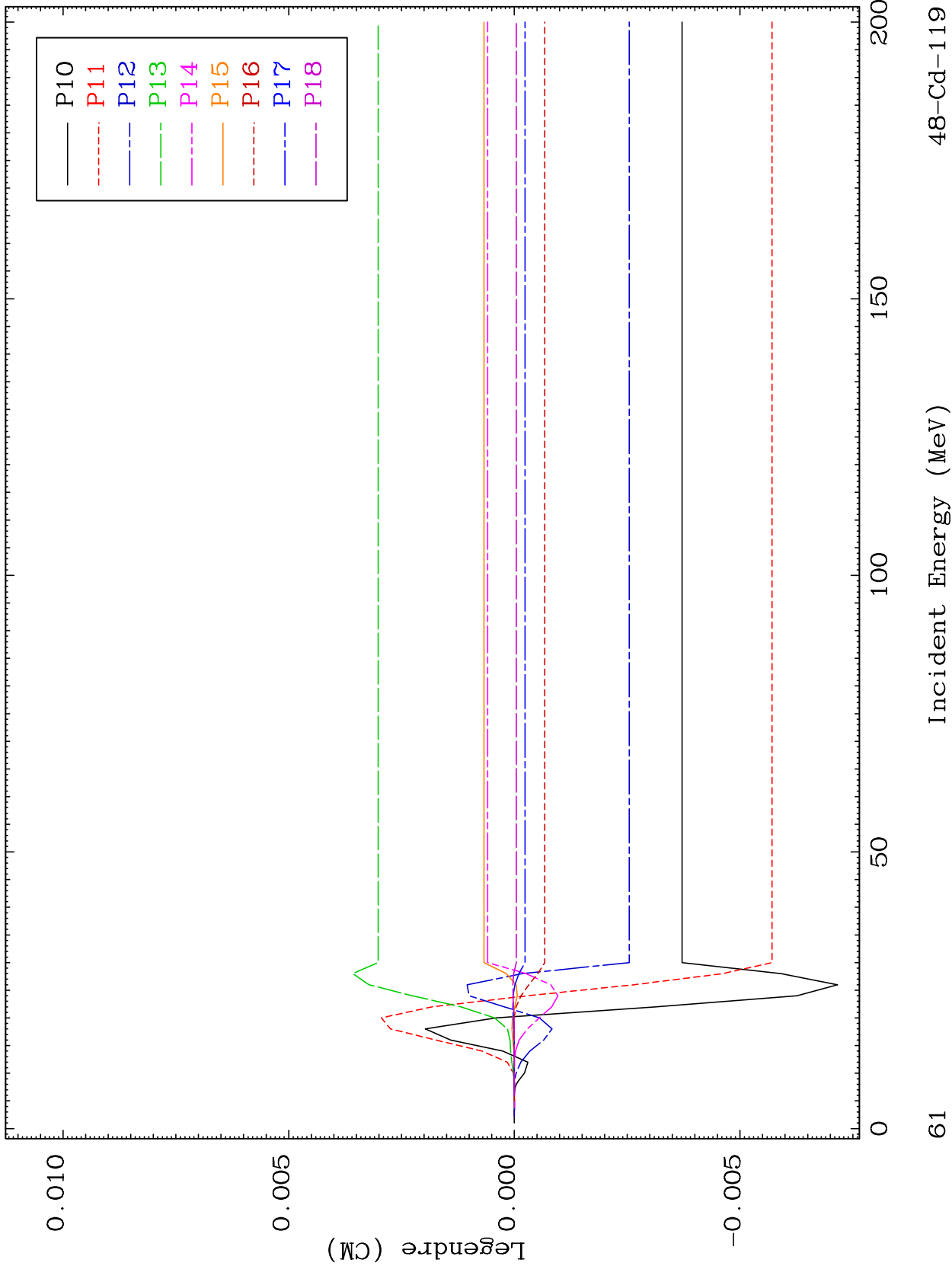
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

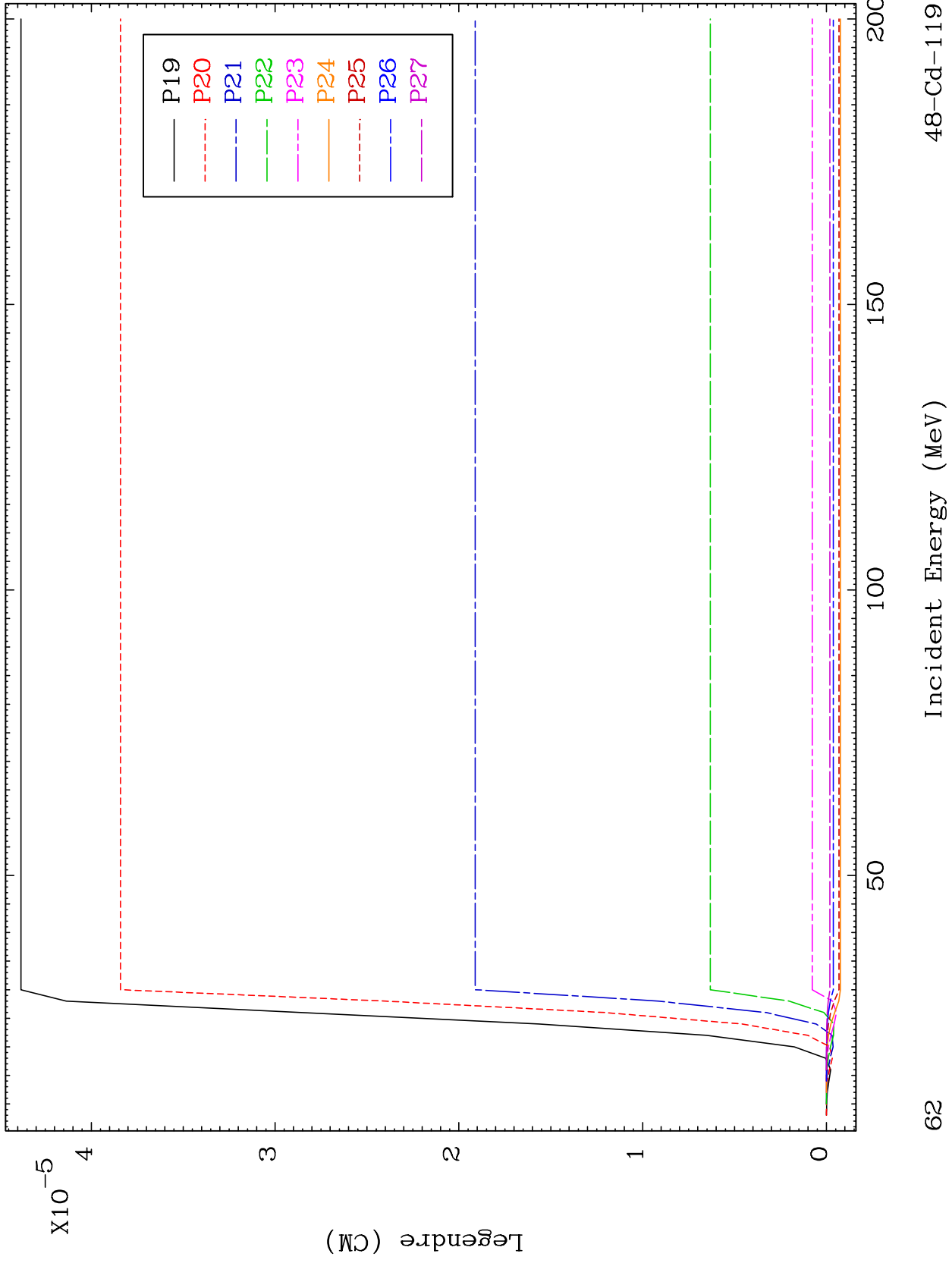
Incident Energy (MeV)

61

MAT 4864

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

48-Cd-119



62

Incident Energy (MeV)

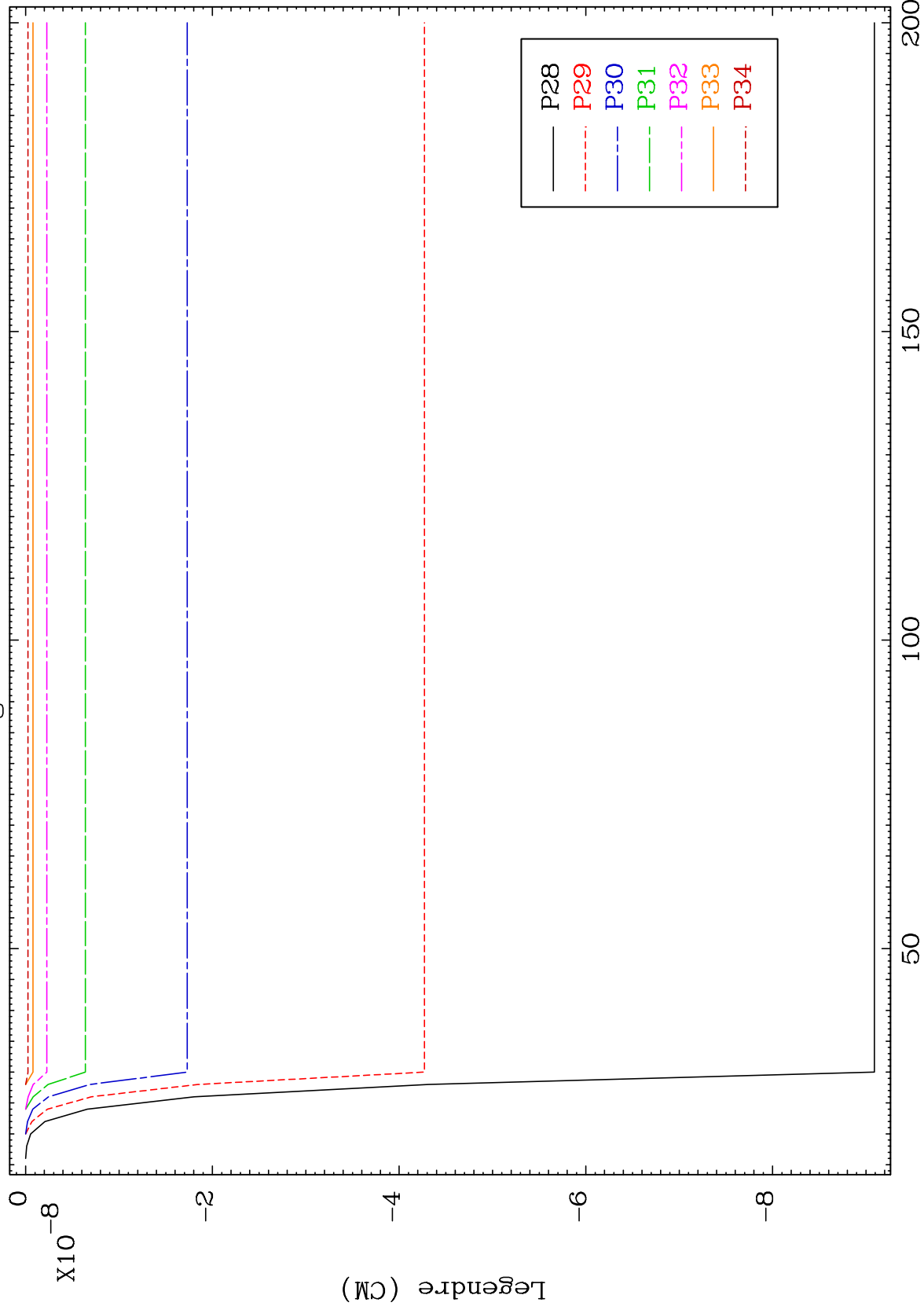
48-Cd-119

MAT 4864

MT= 61 (n,n') Level

48-Cd-119

Legendre Coefficients



63

Incident Energy (MeV)

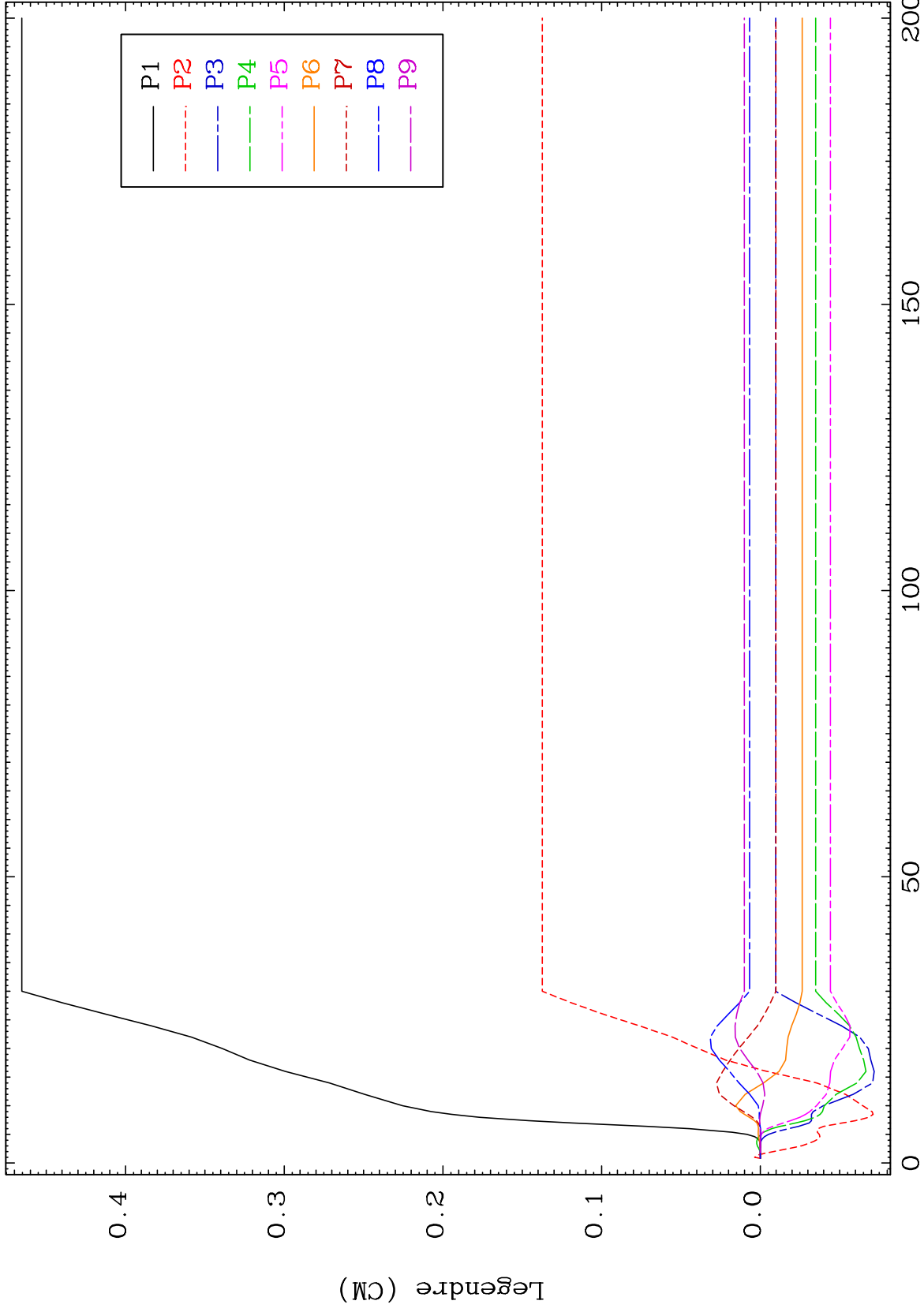
48-Cd-119

MAT 4864

MT= 62 (n,n') Level

48-Cd-119

Legendre Coefficients



64

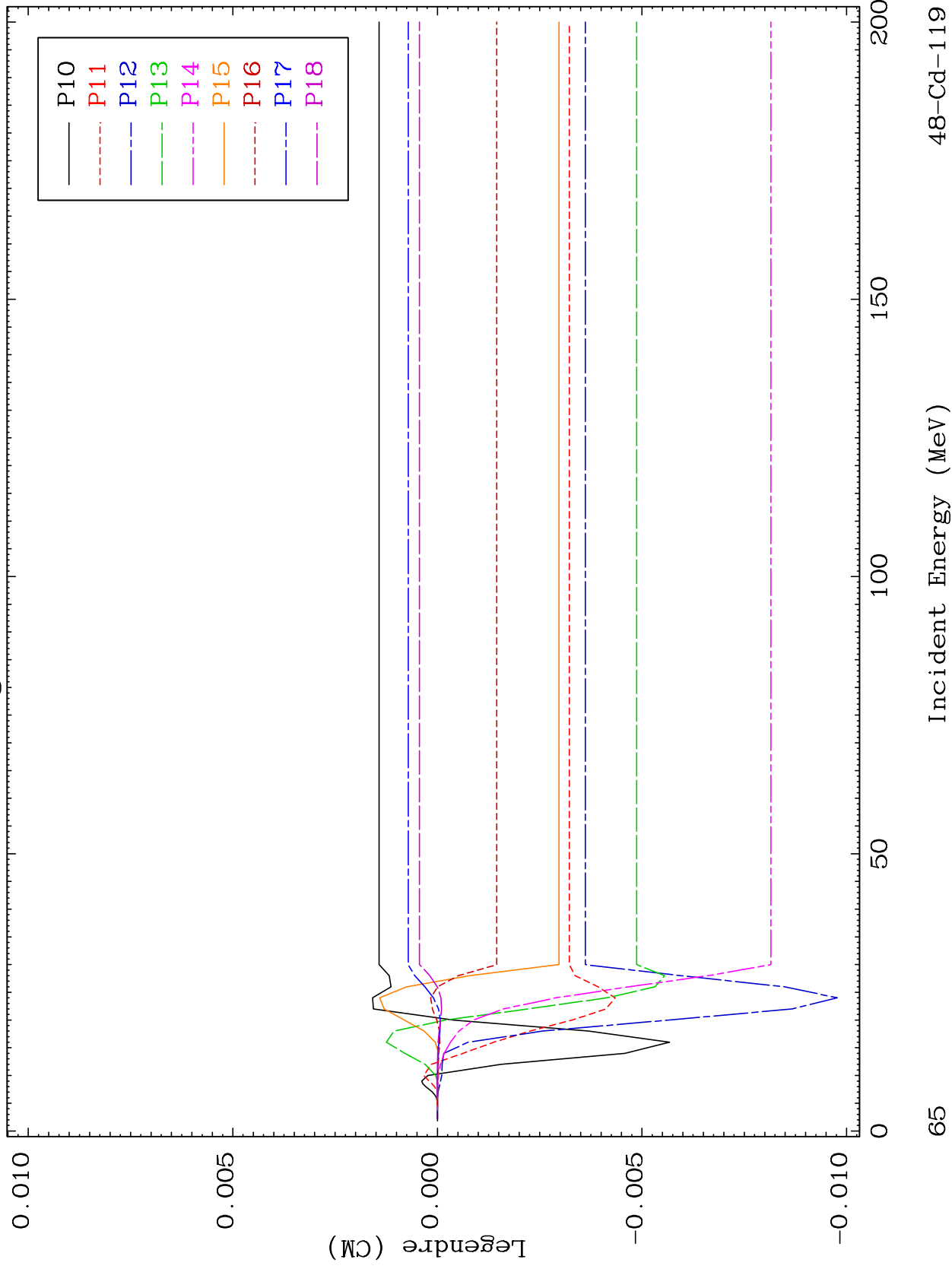
Incident Energy (MeV)

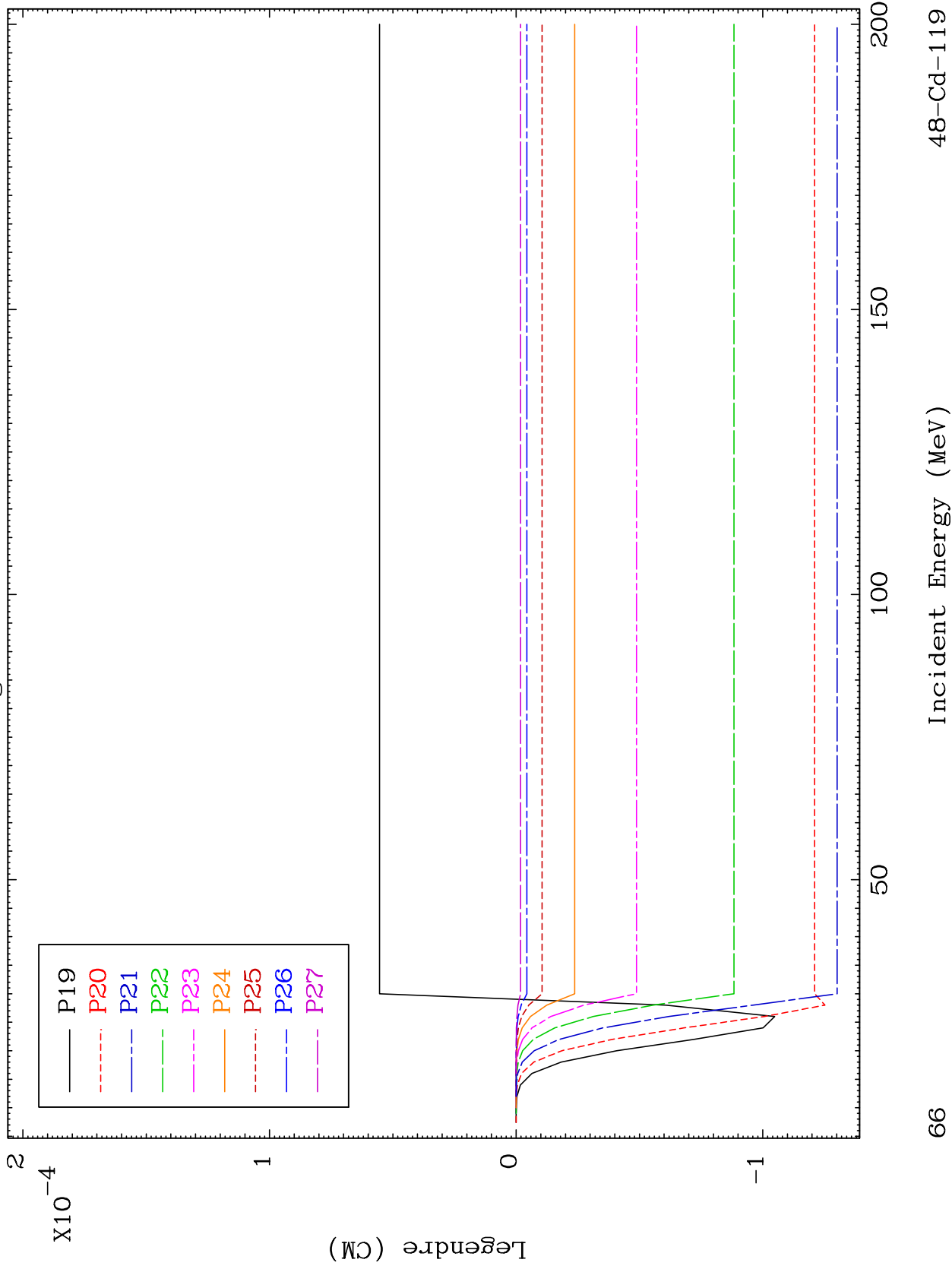
48-Cd-119

MAT 4864

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

48-Cd-119



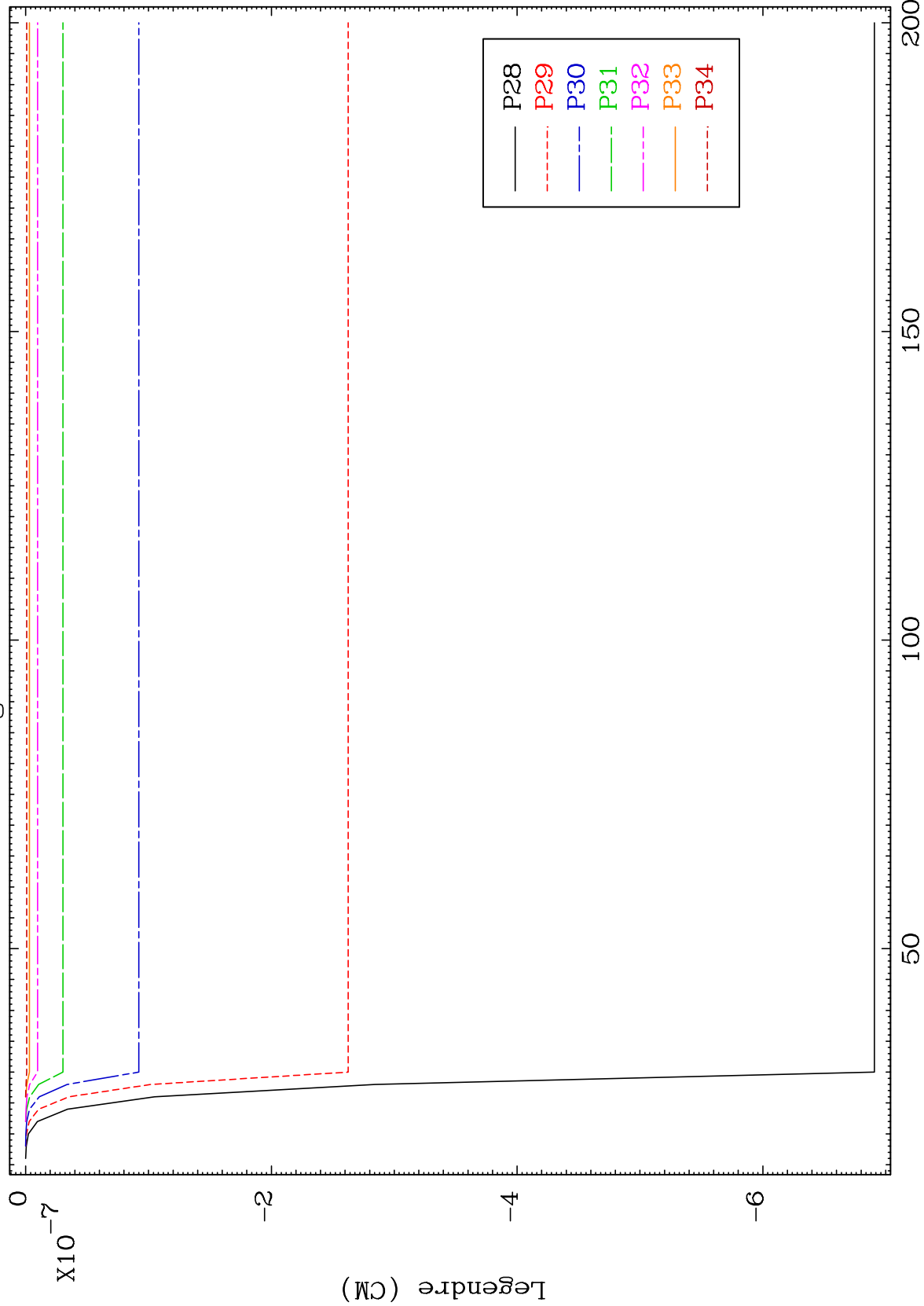


MAT 4864

MT= 62 (n,n') Level

48-Cd-119

Legendre Coefficients



67

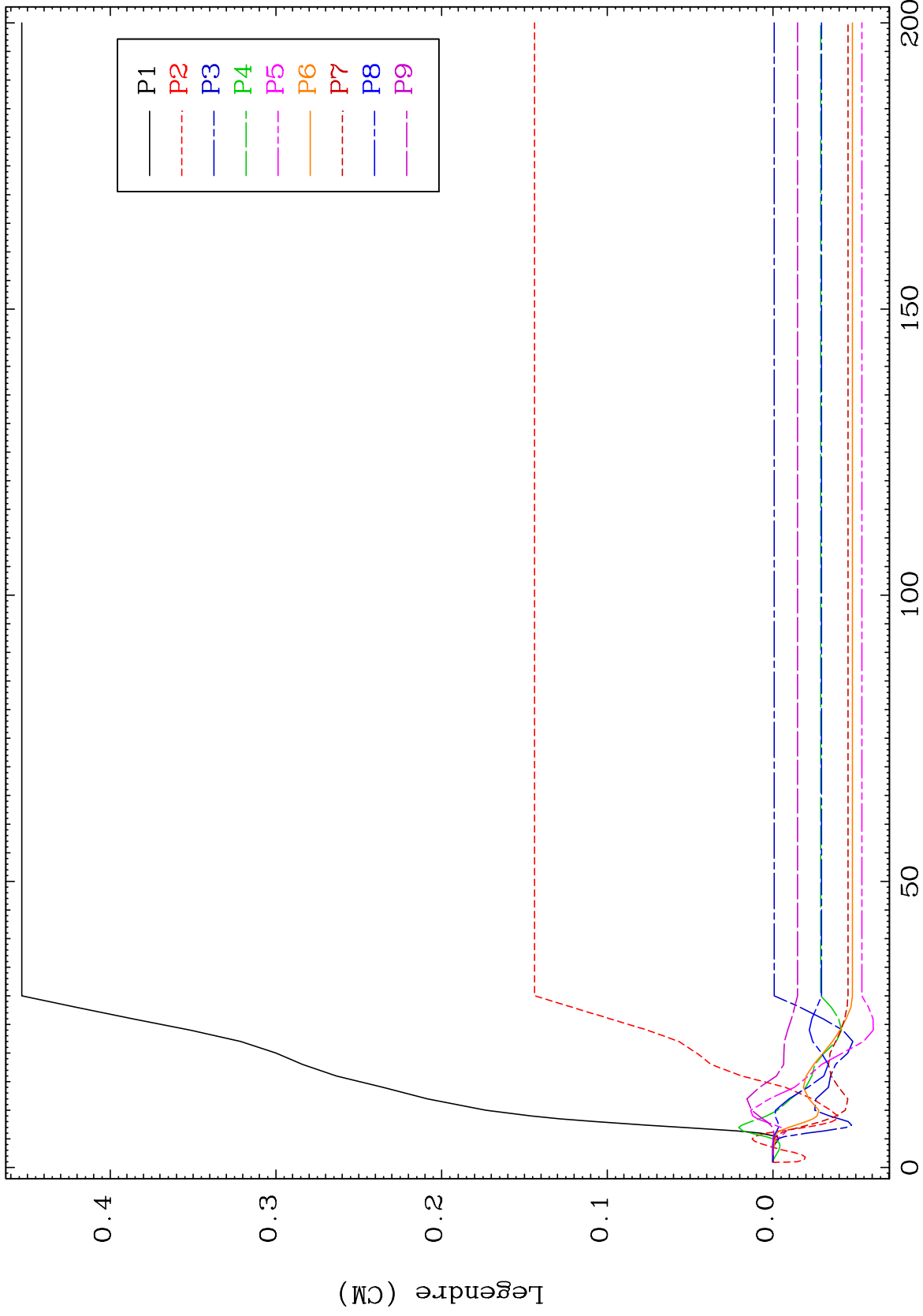
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



68

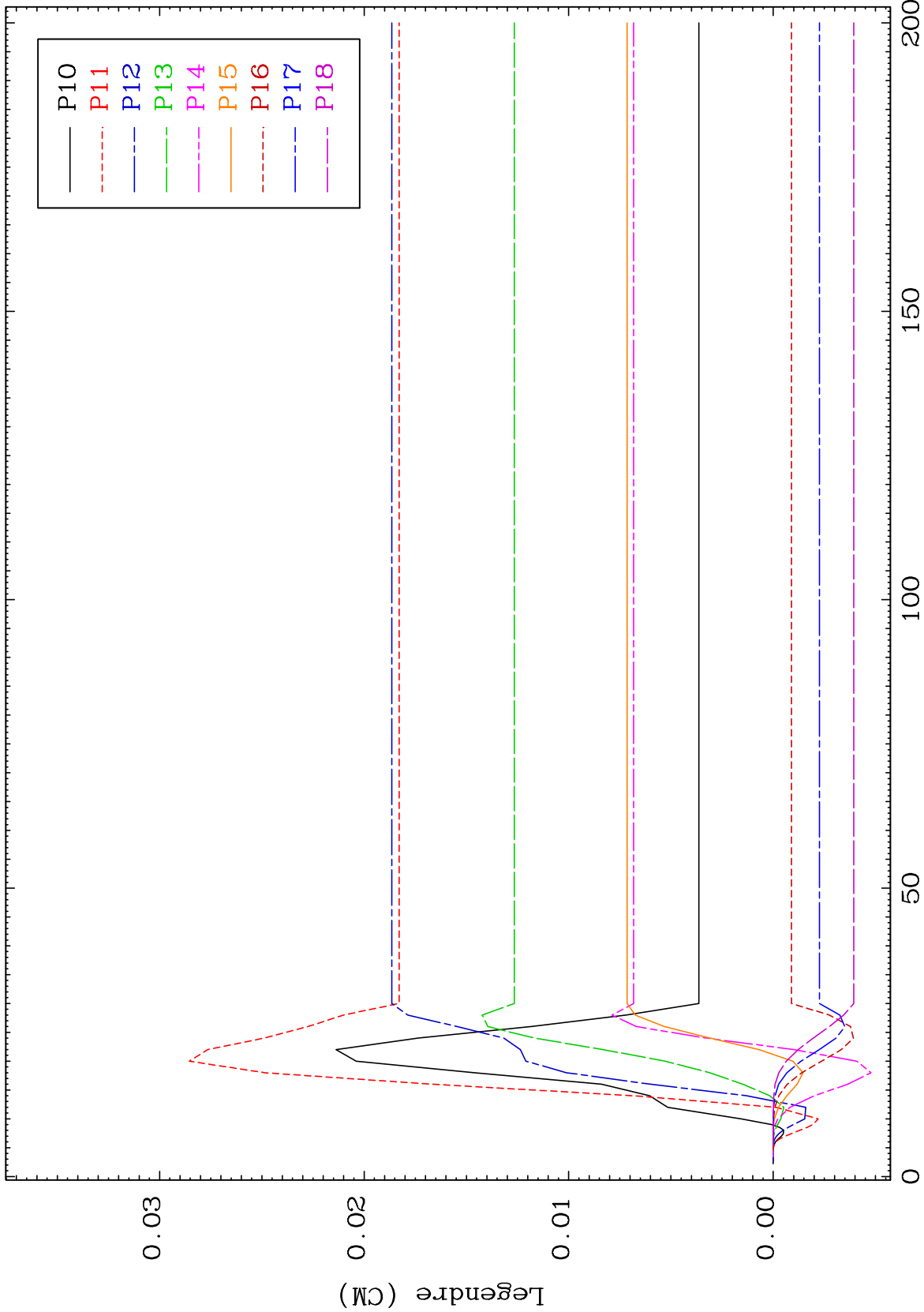
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



69

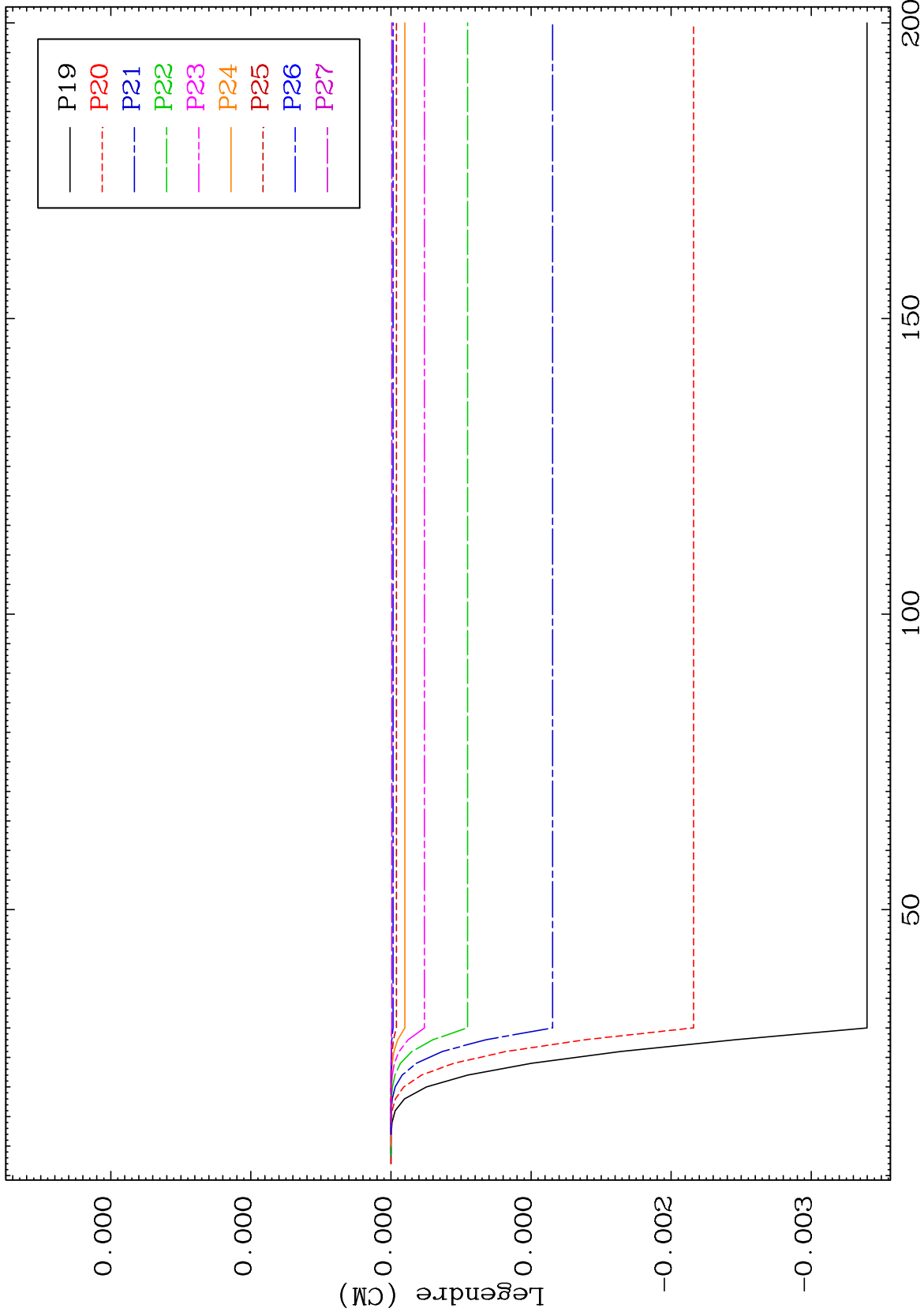
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



70

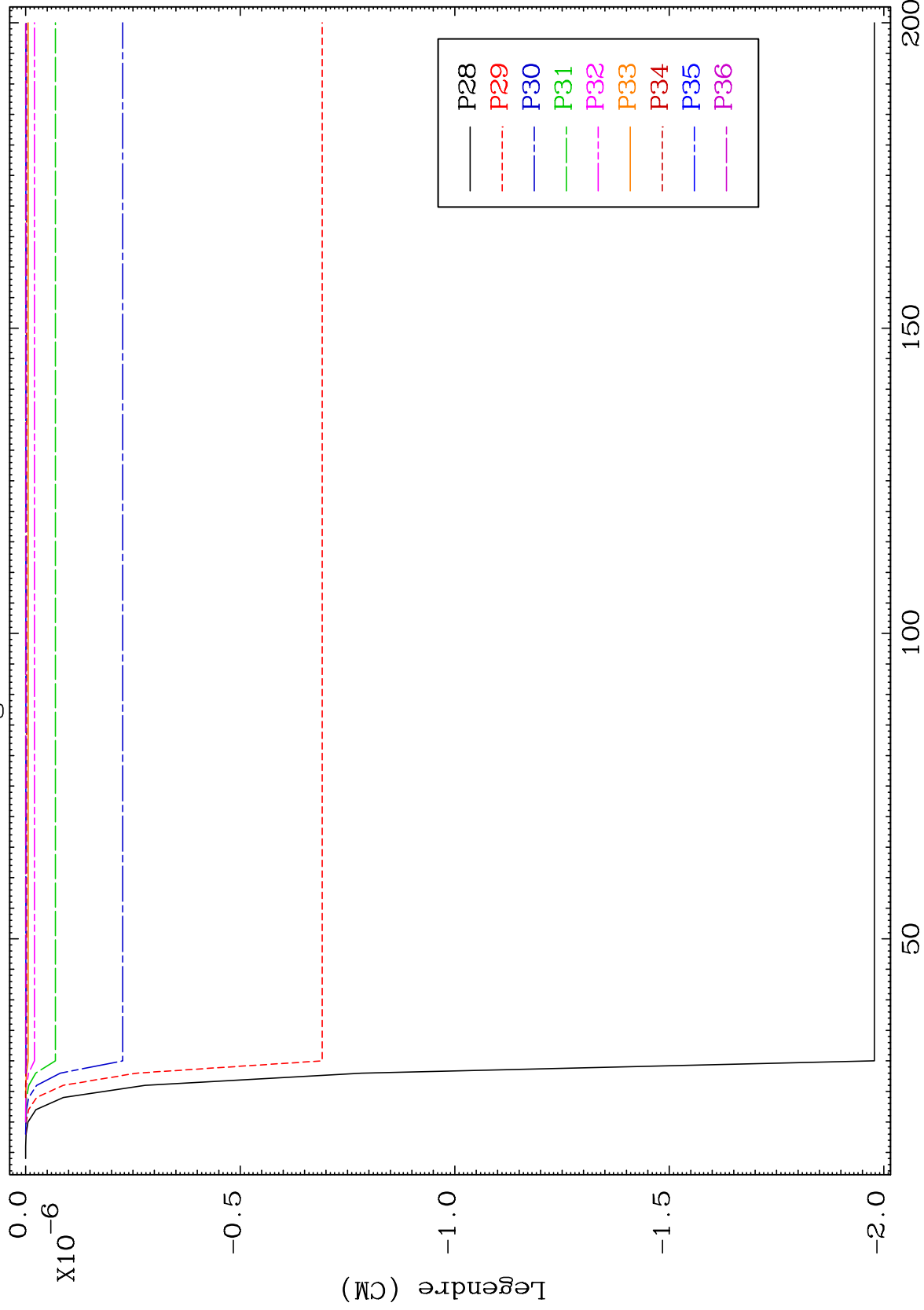
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



71

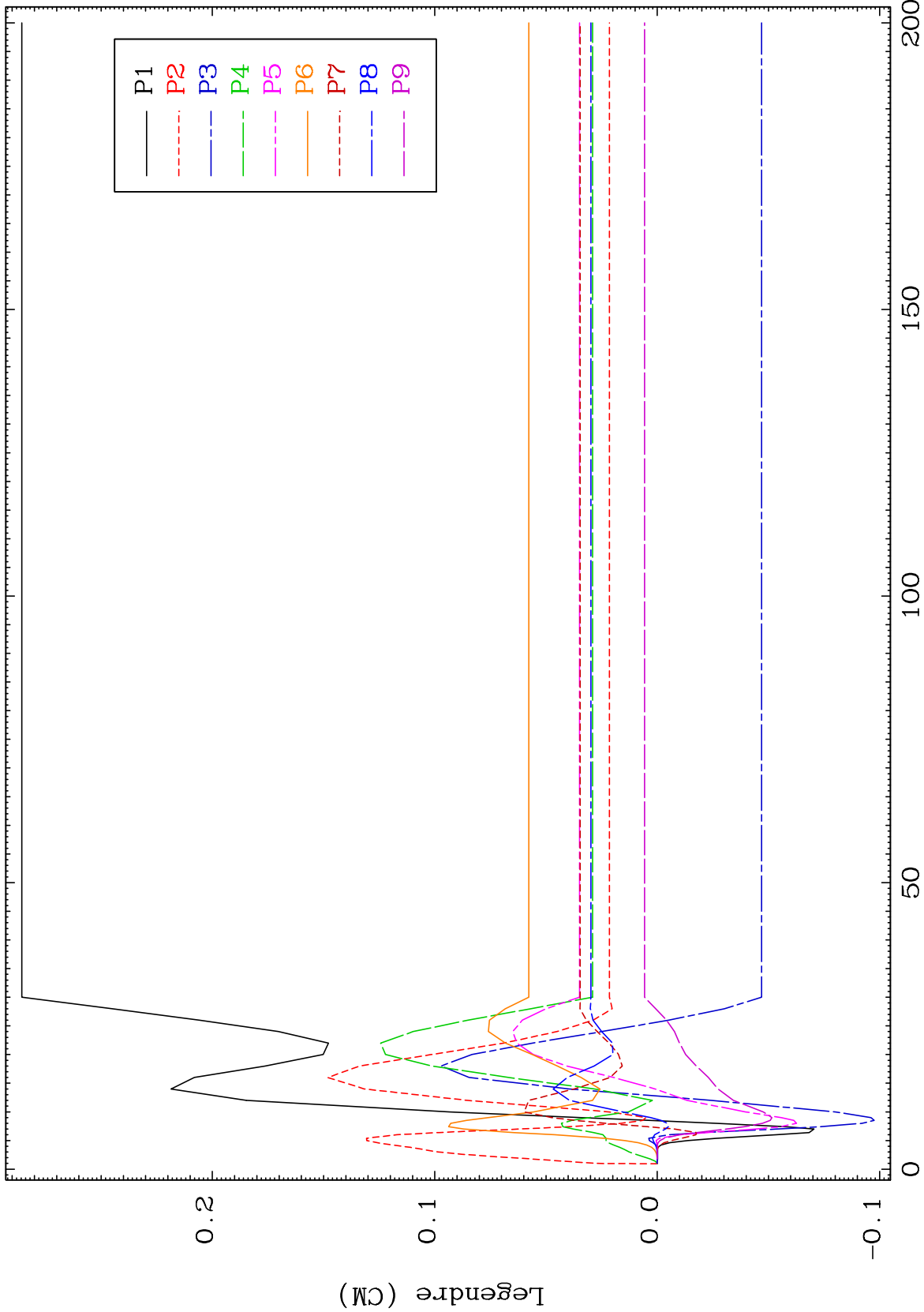
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



72

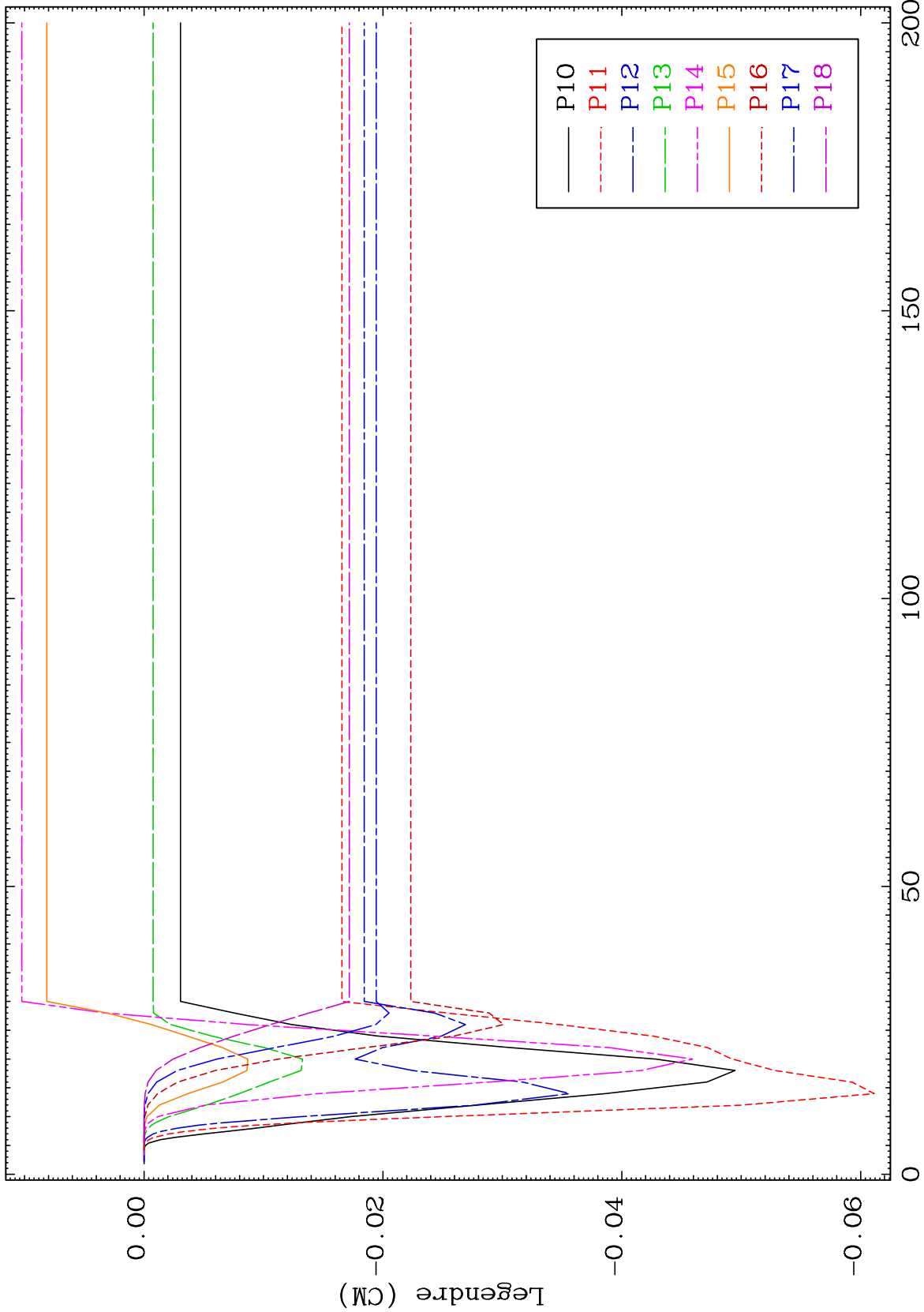
Incident Energy (MeV)

48-Cd-119

MAT 4864

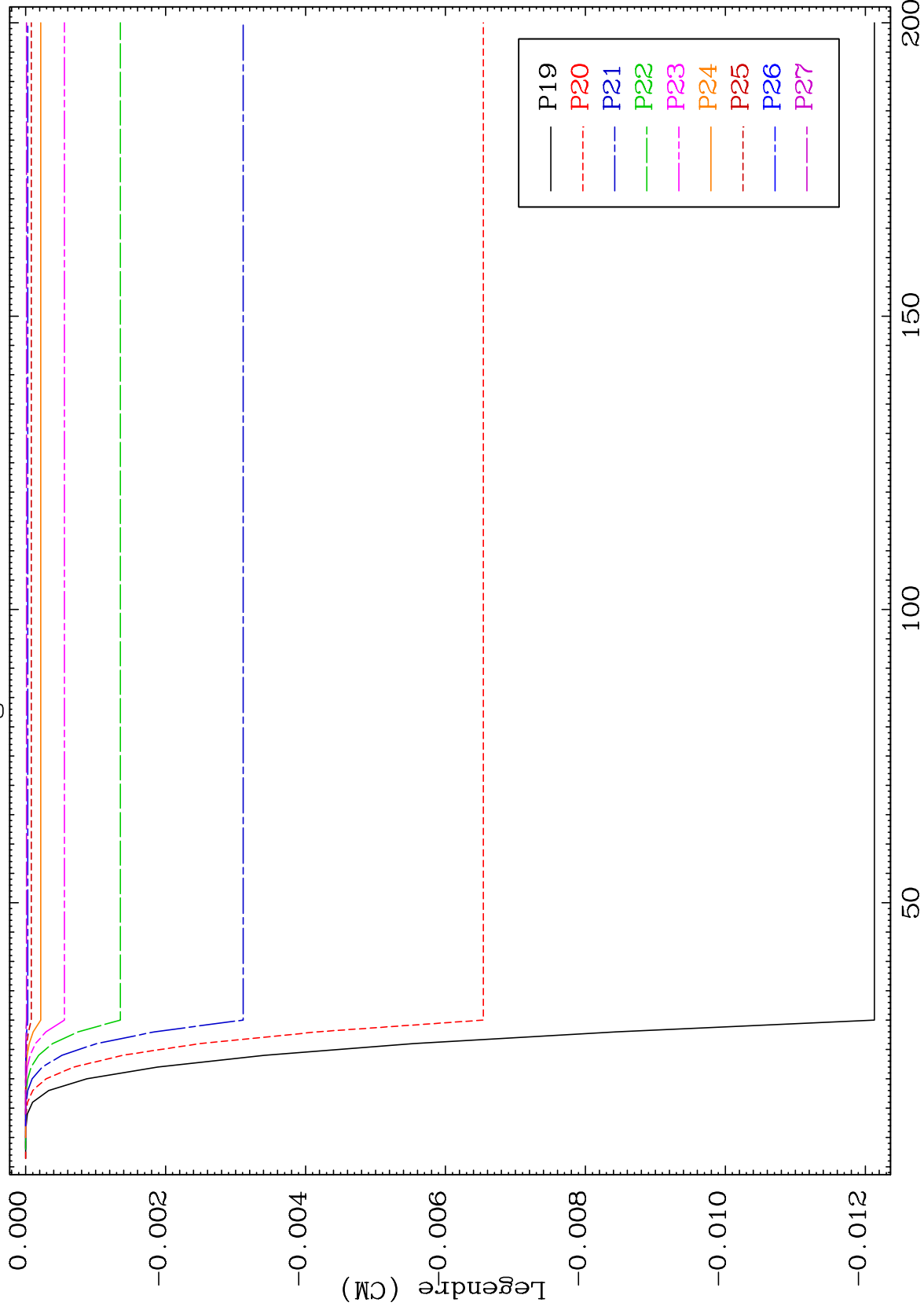
MT= 64 (n,n') Level
Legendre Coefficients

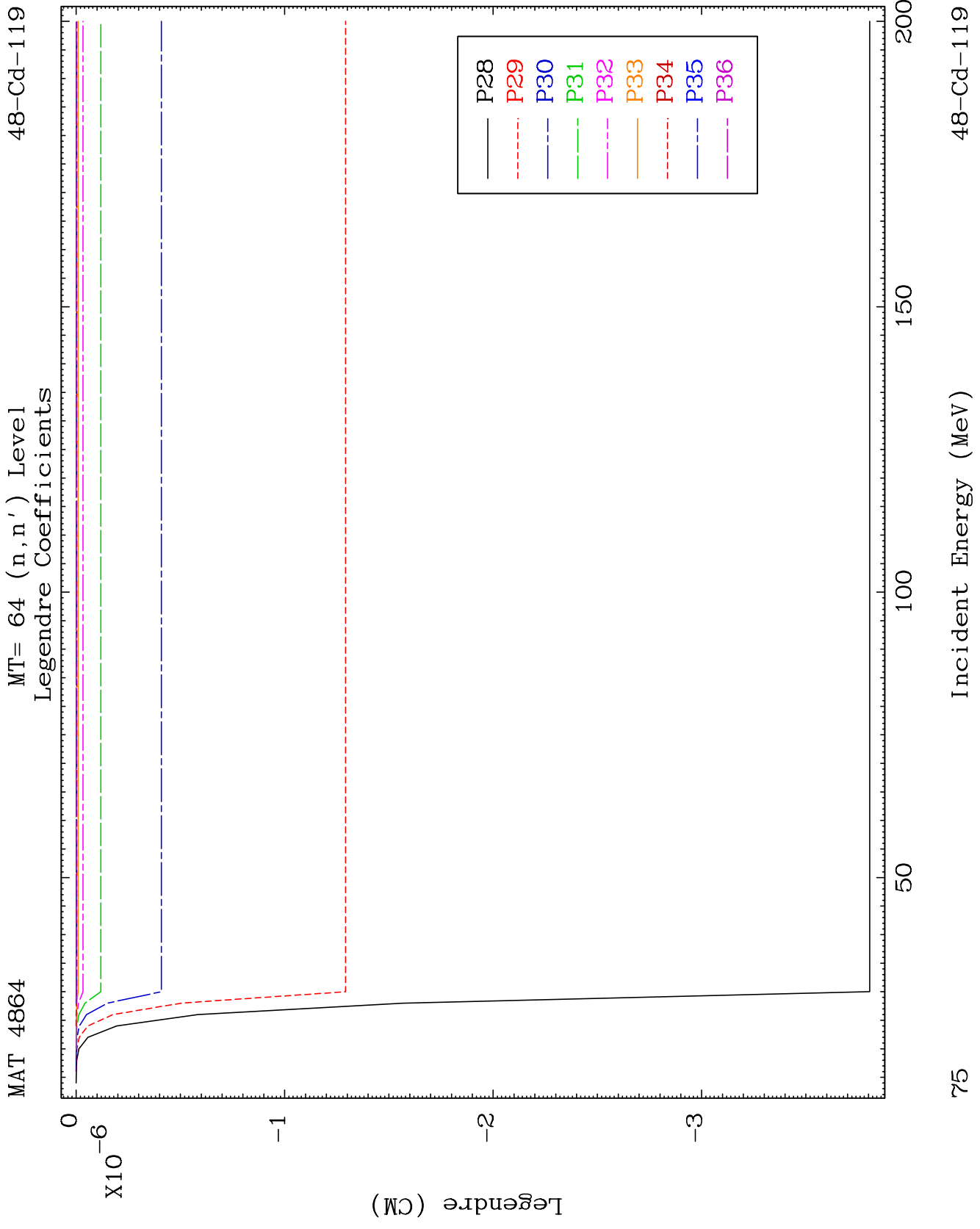
48-Cd-119



73

48-Cd-119





48-Cd-119

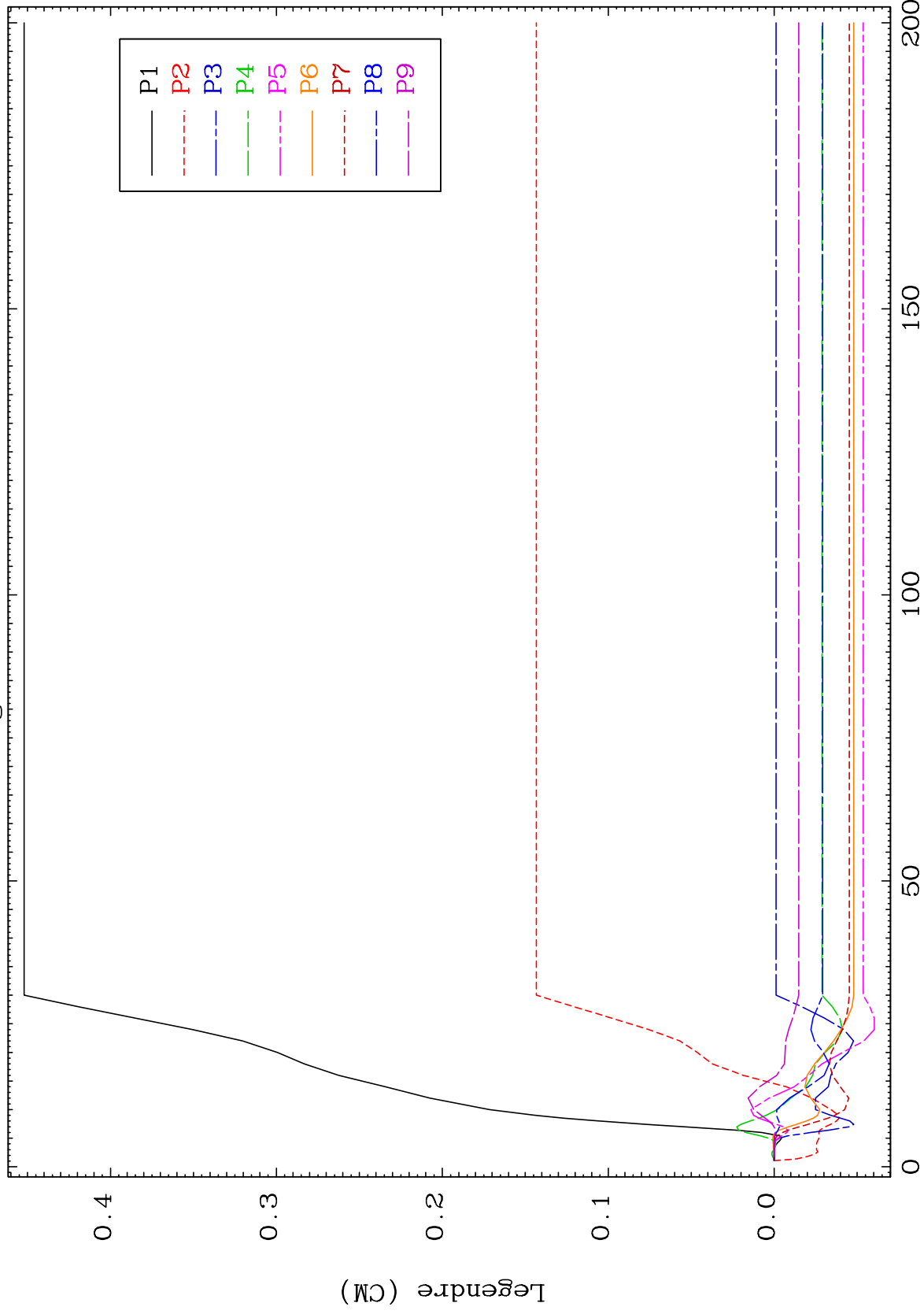
Incident Energy (MeV)

75

MAT 4864

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

48-Cd-119



76

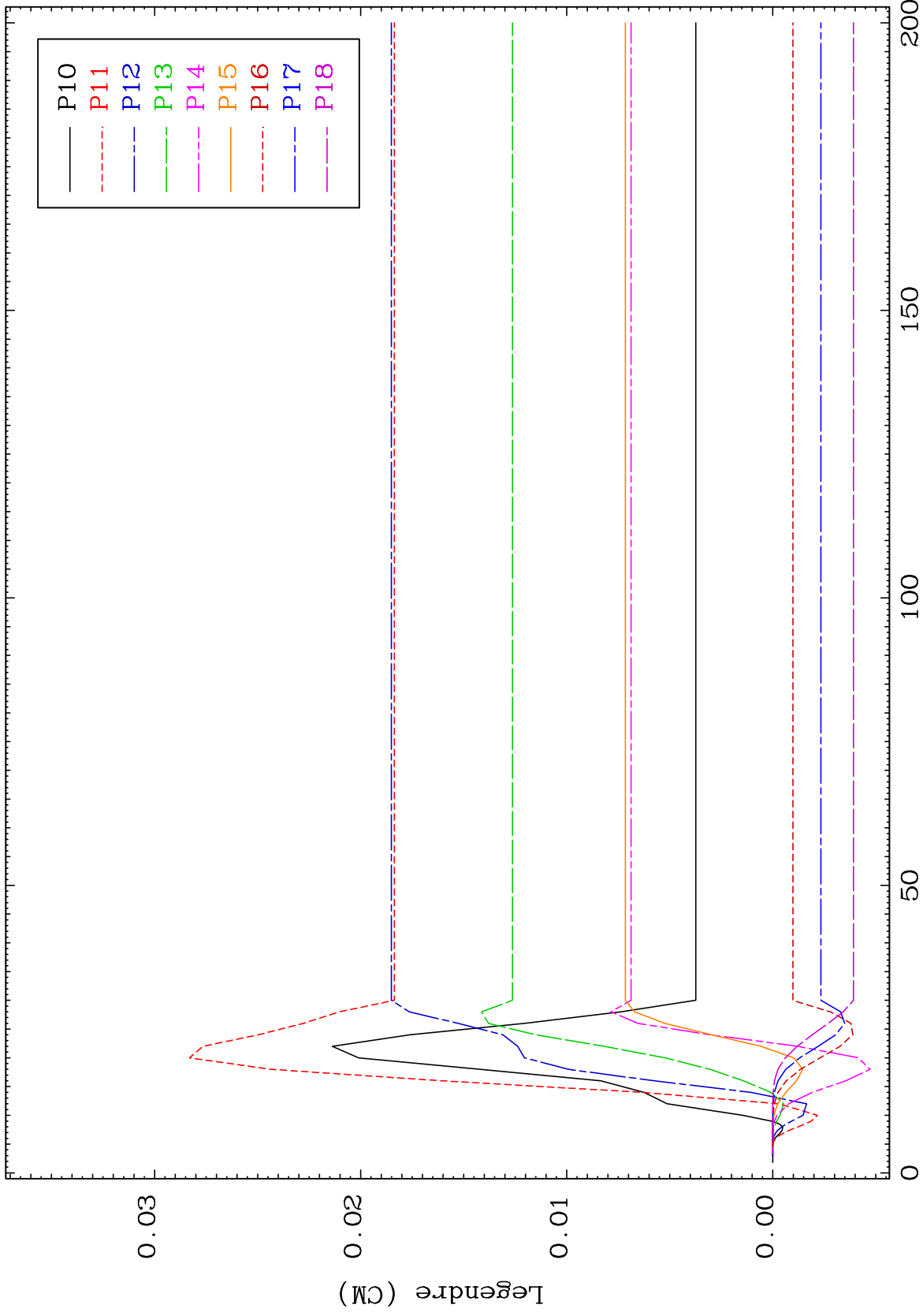
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



77

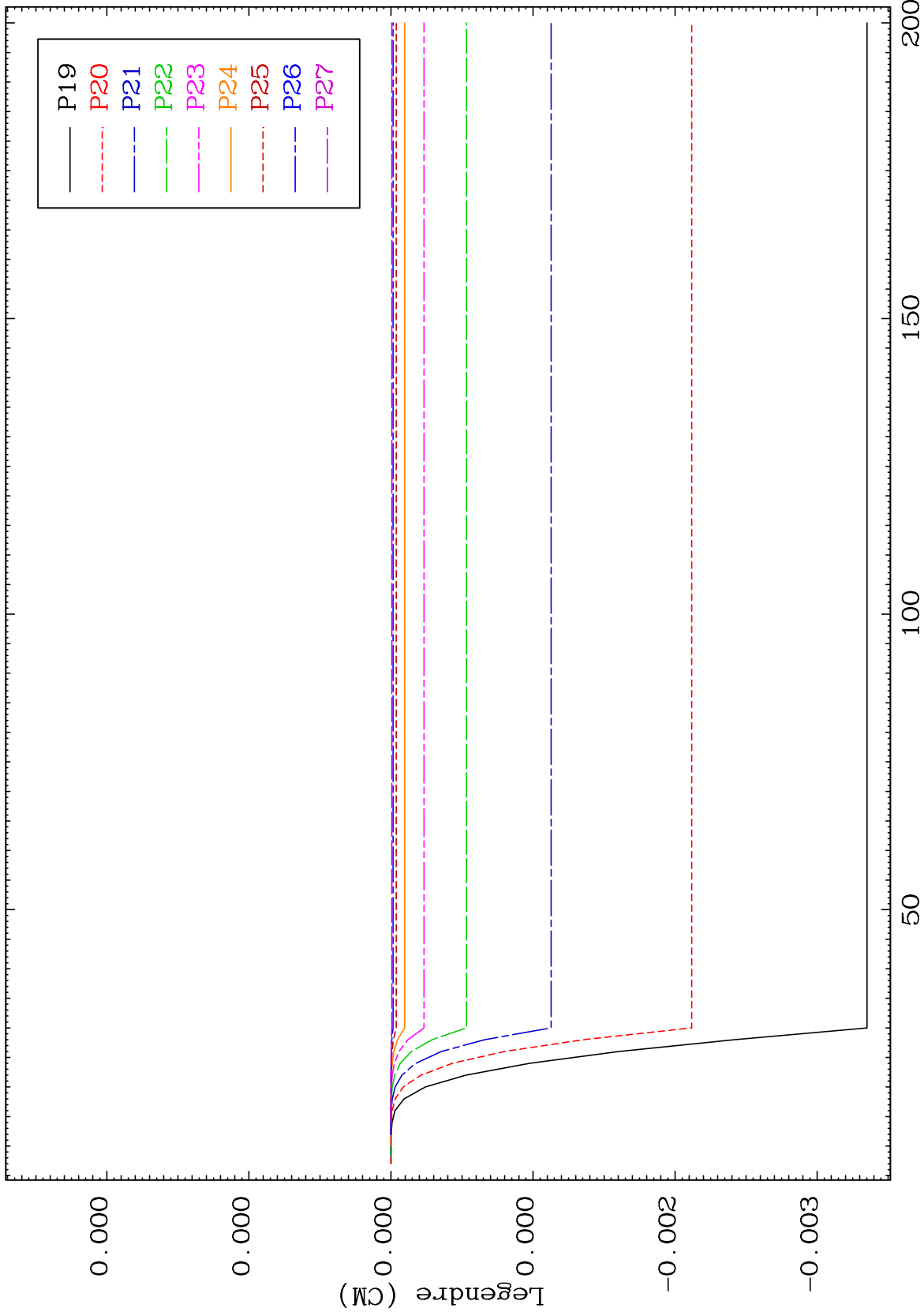
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



78

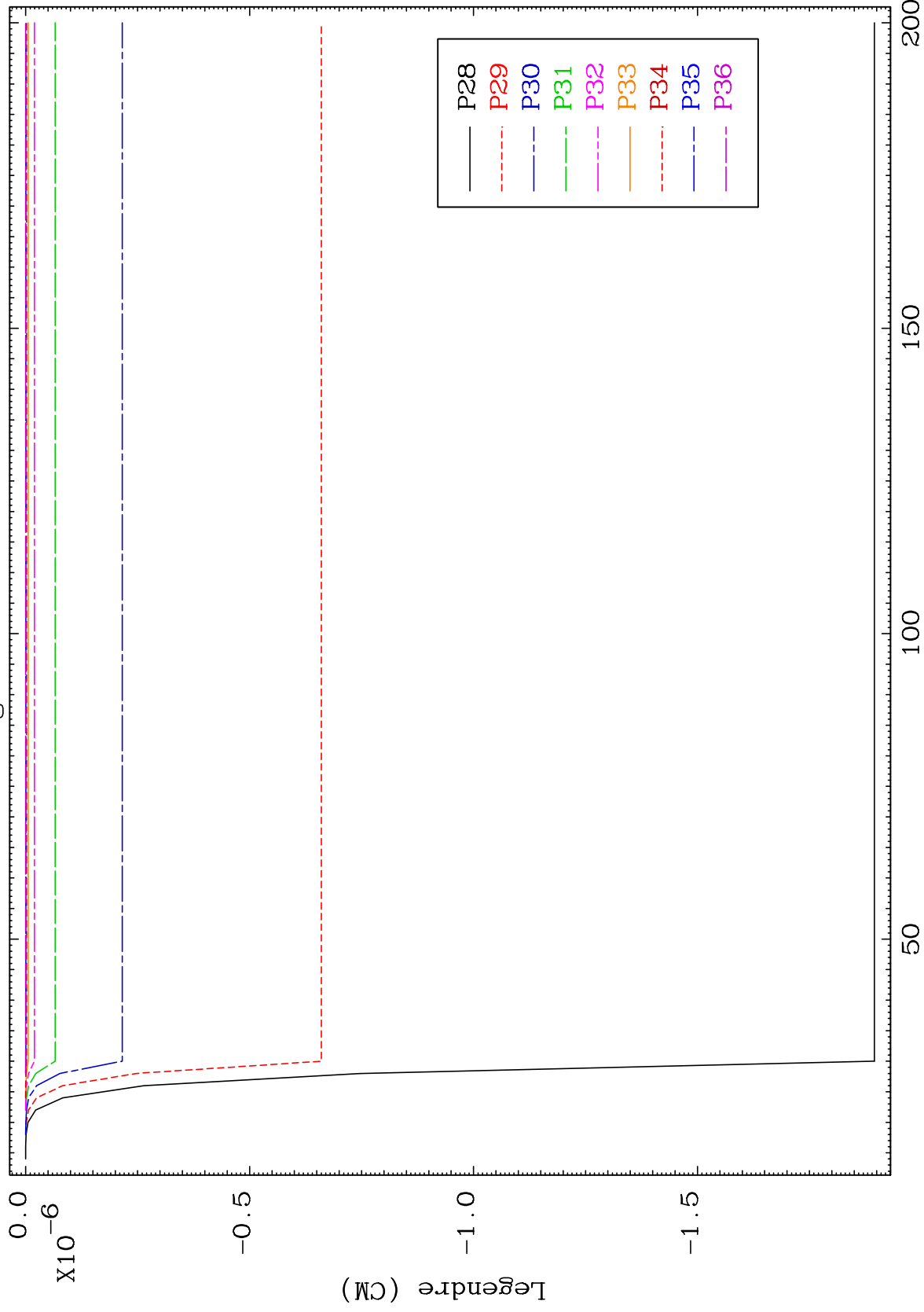
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



79

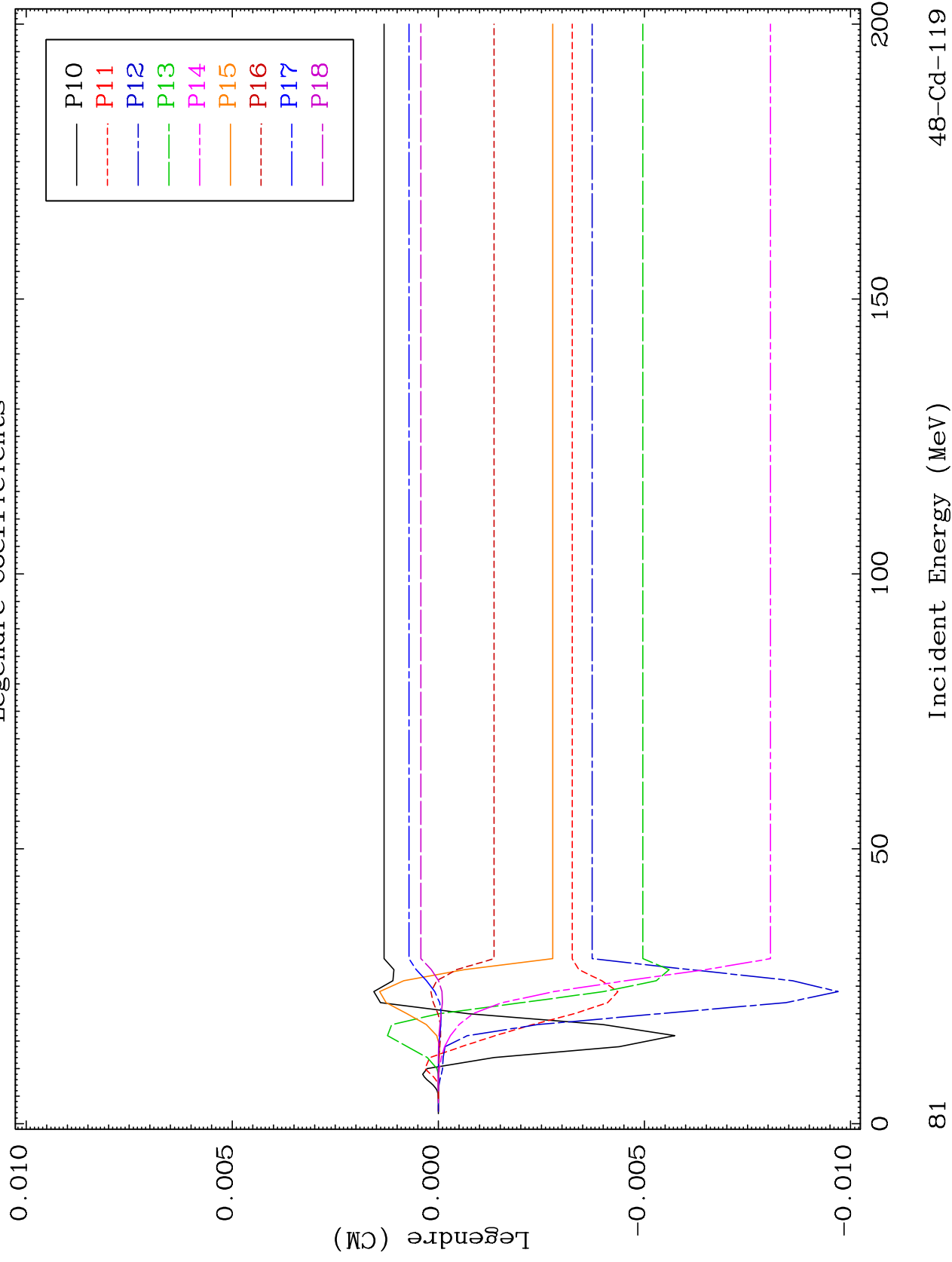
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

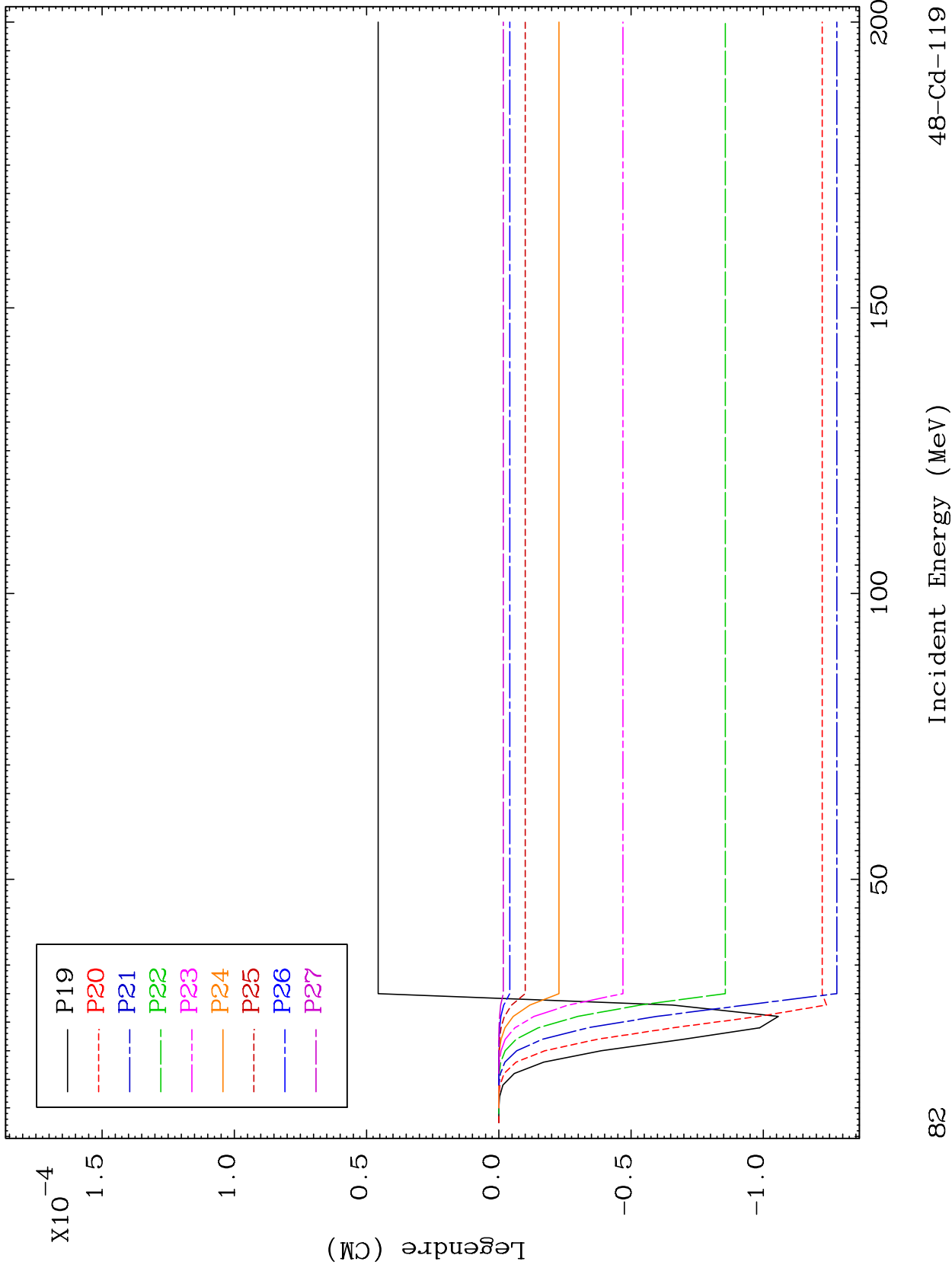
48-Cd-119



81

Incident Energy (MeV)

48-Cd-119

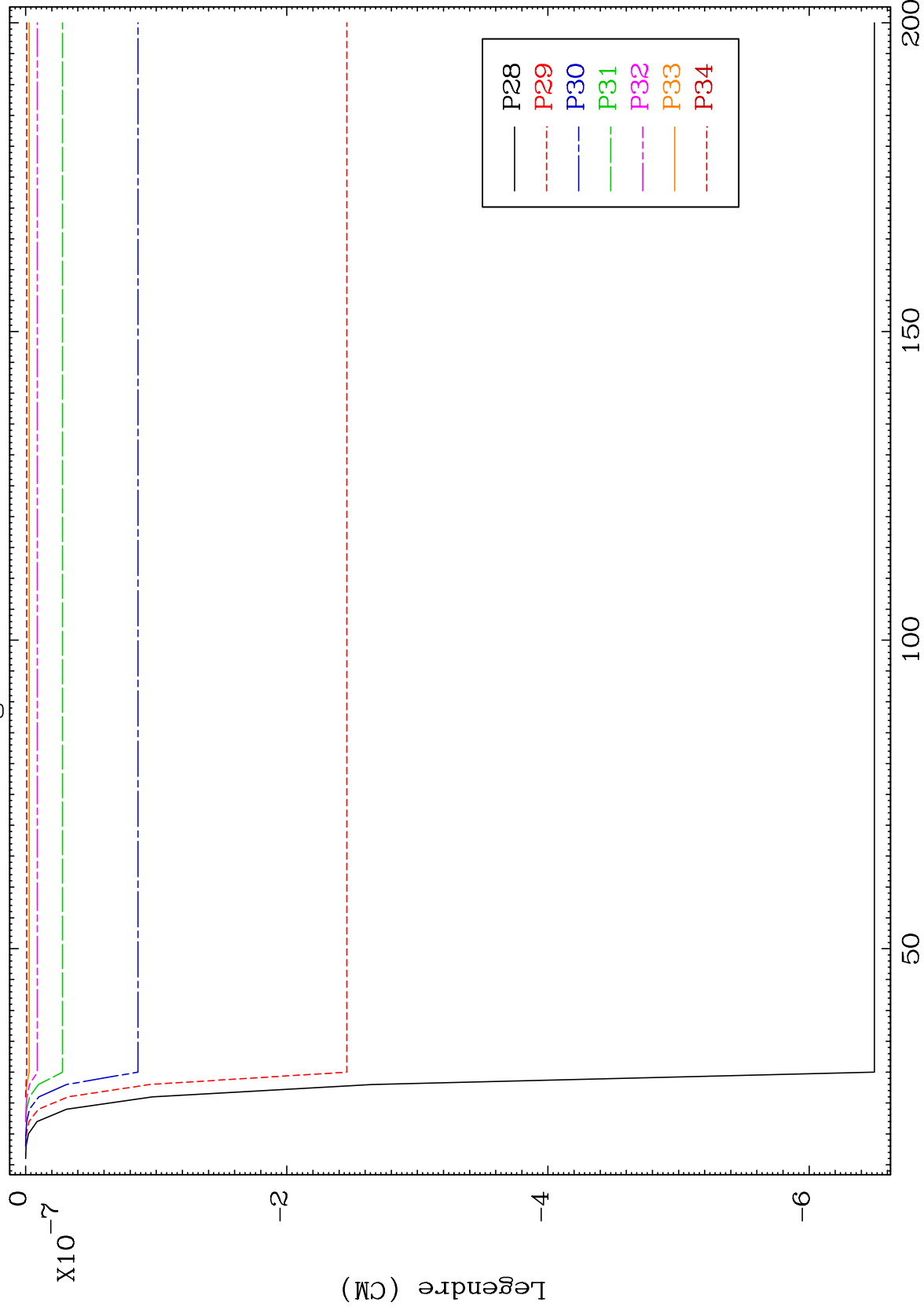


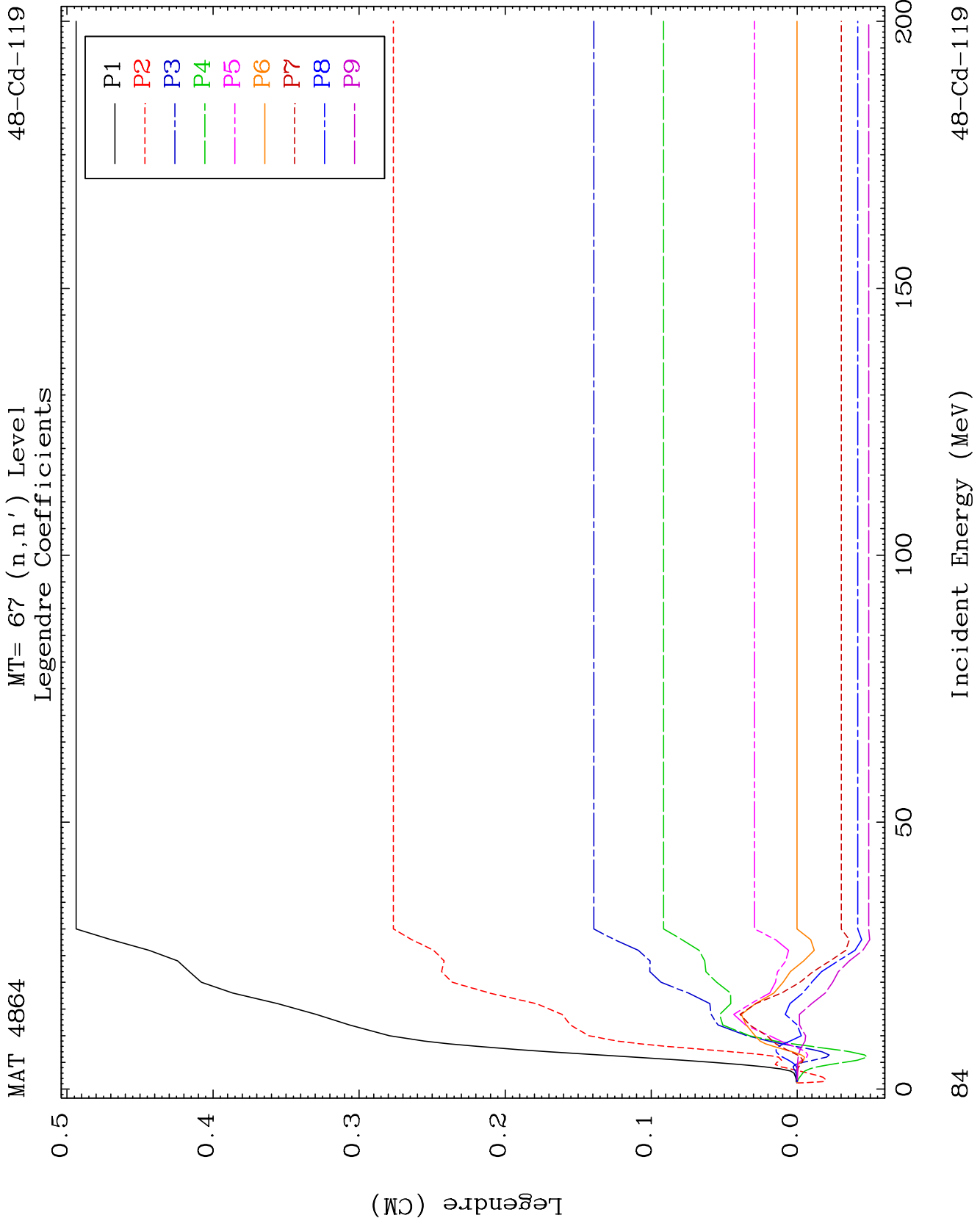
MAT 4864

MT= 66 (n,n') Level

48-Cd-119

Legendre Coefficients

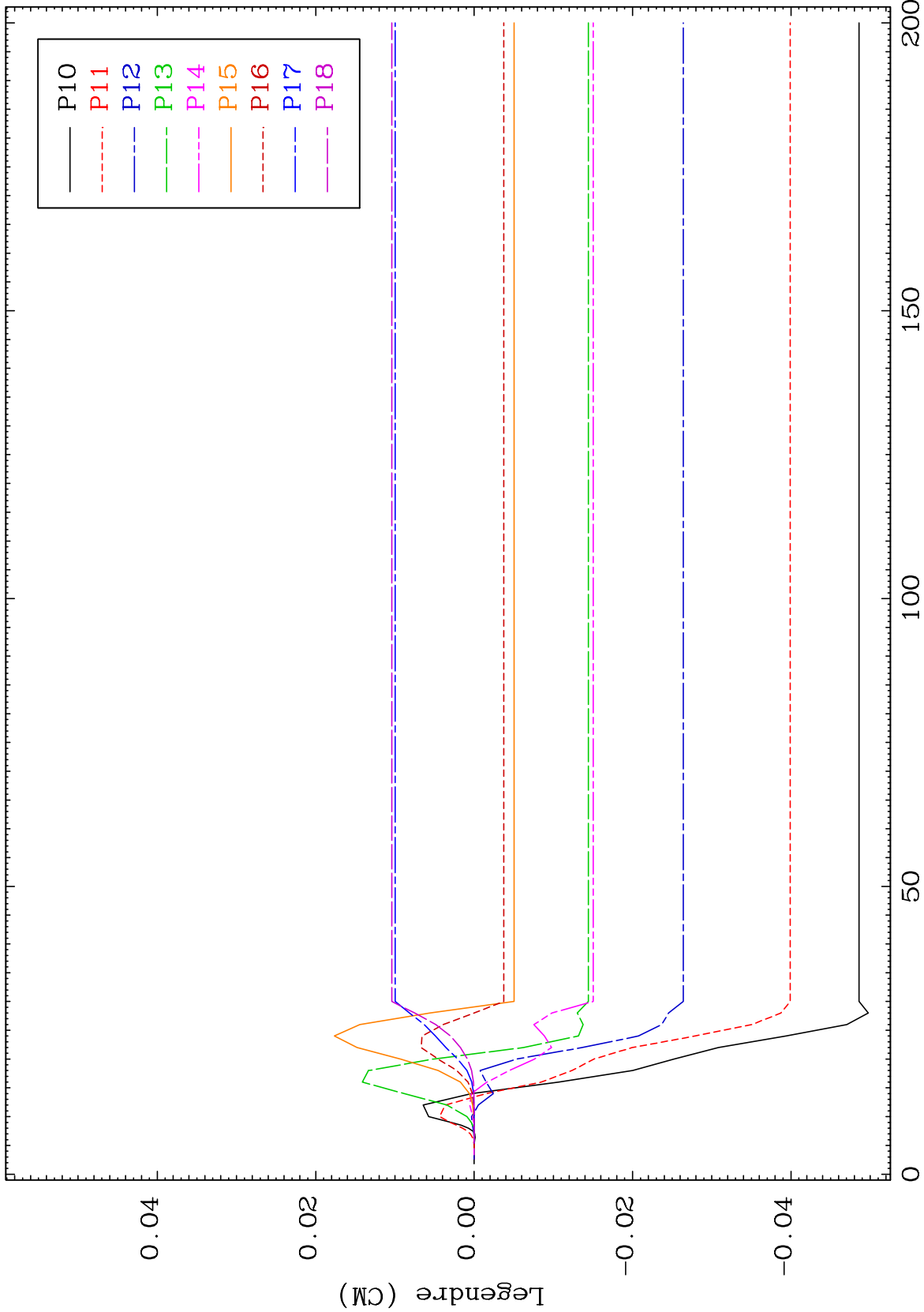




MAT 4864

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

48-Cd-119



85

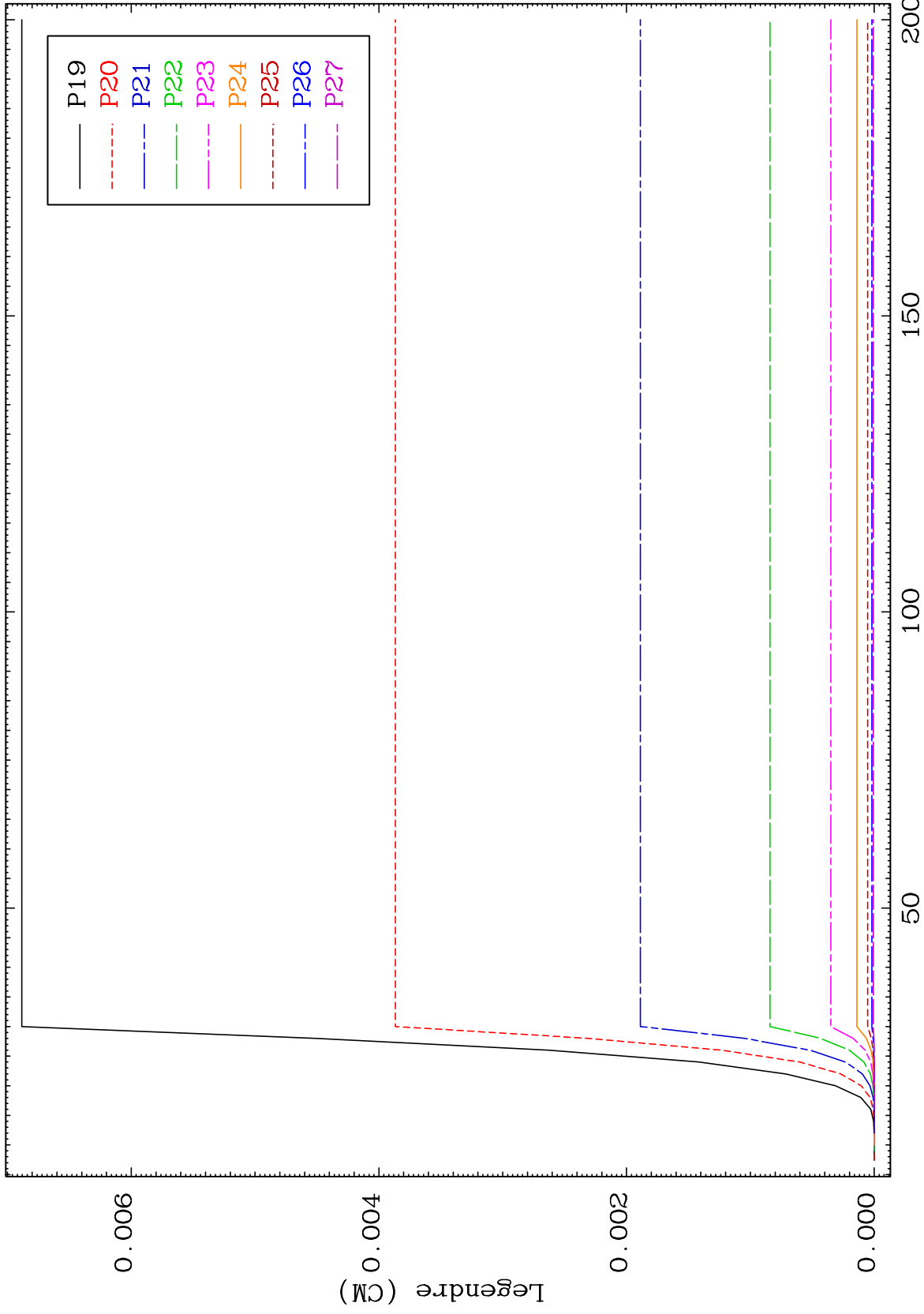
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



86

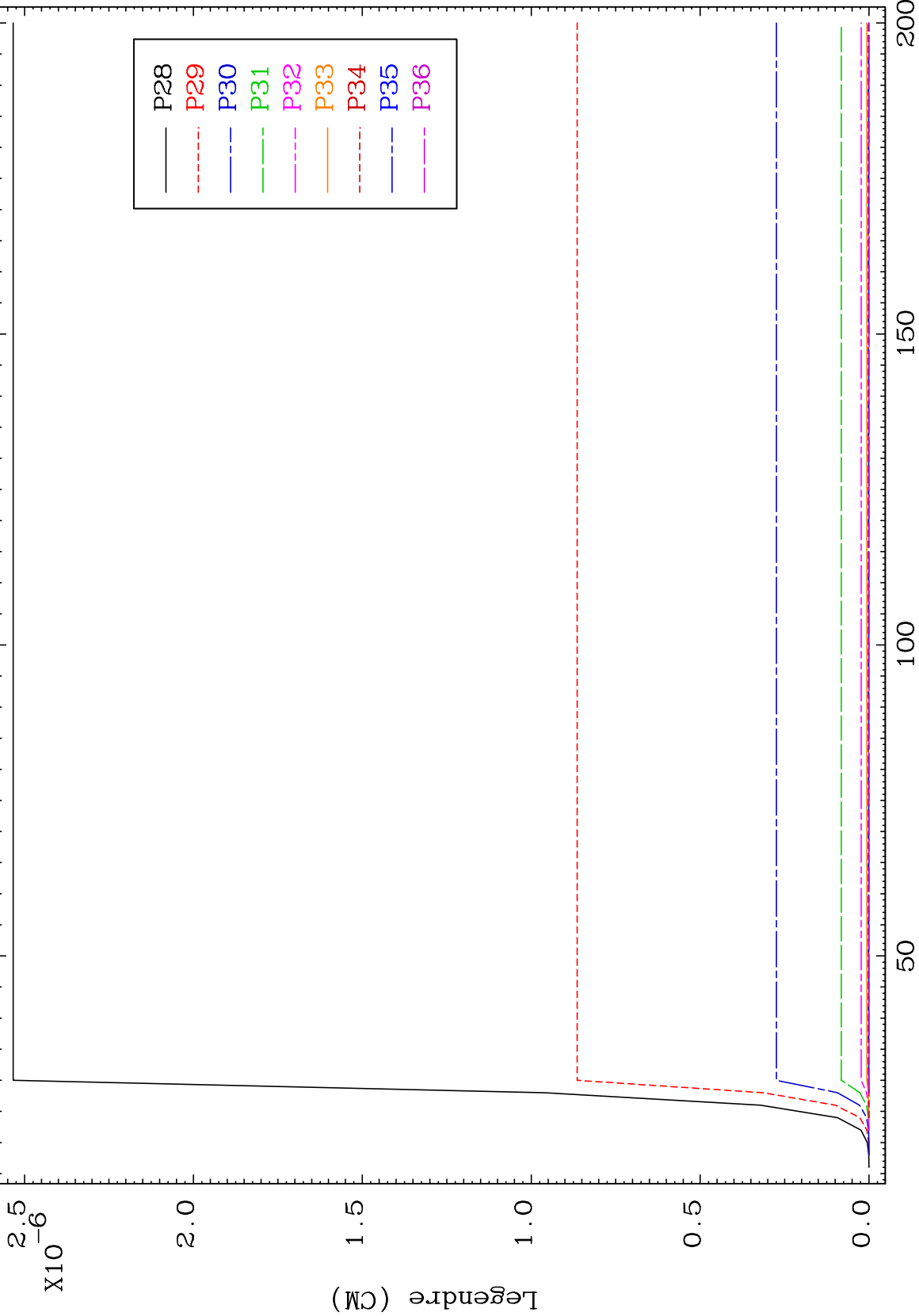
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



87

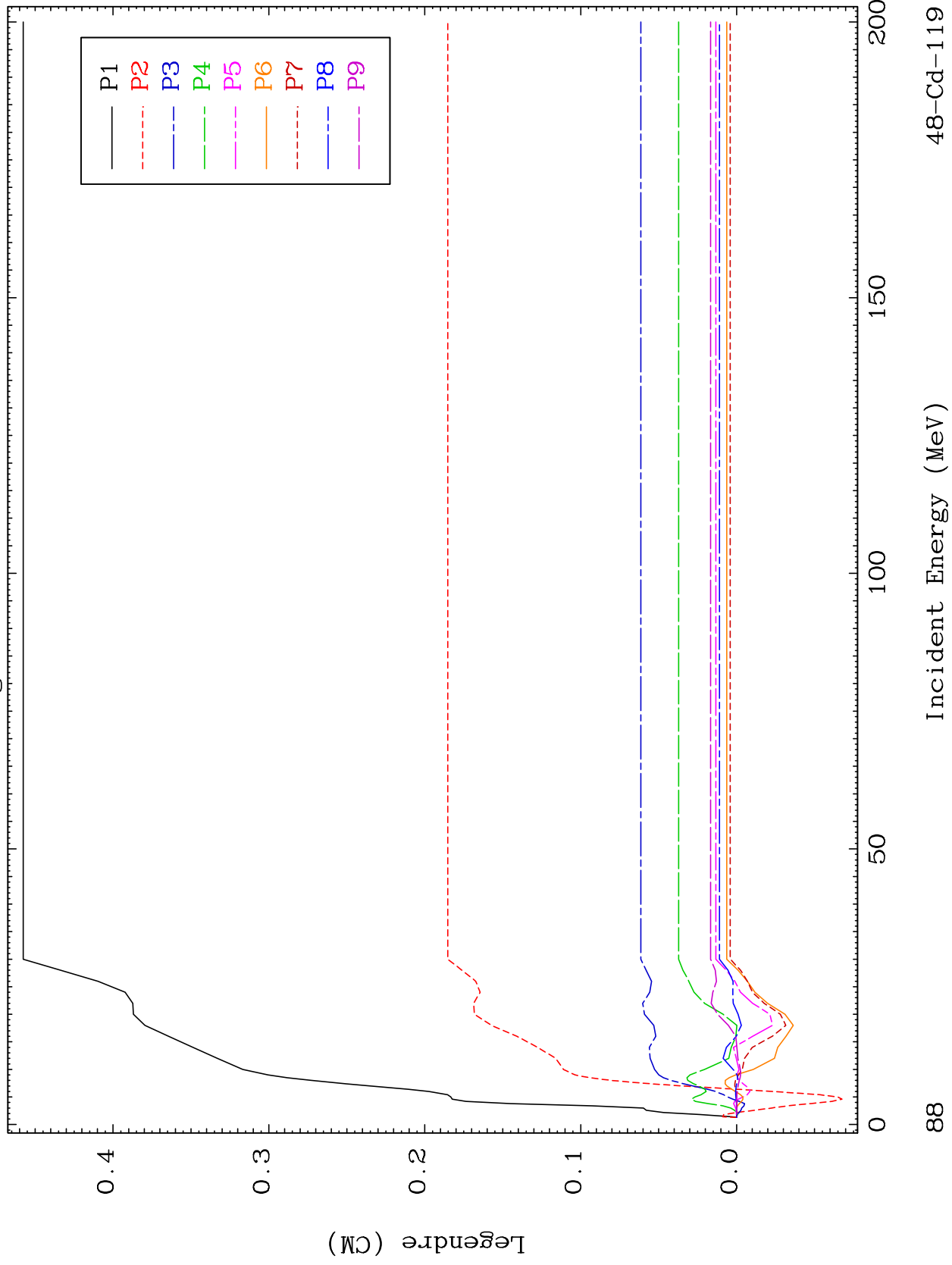
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

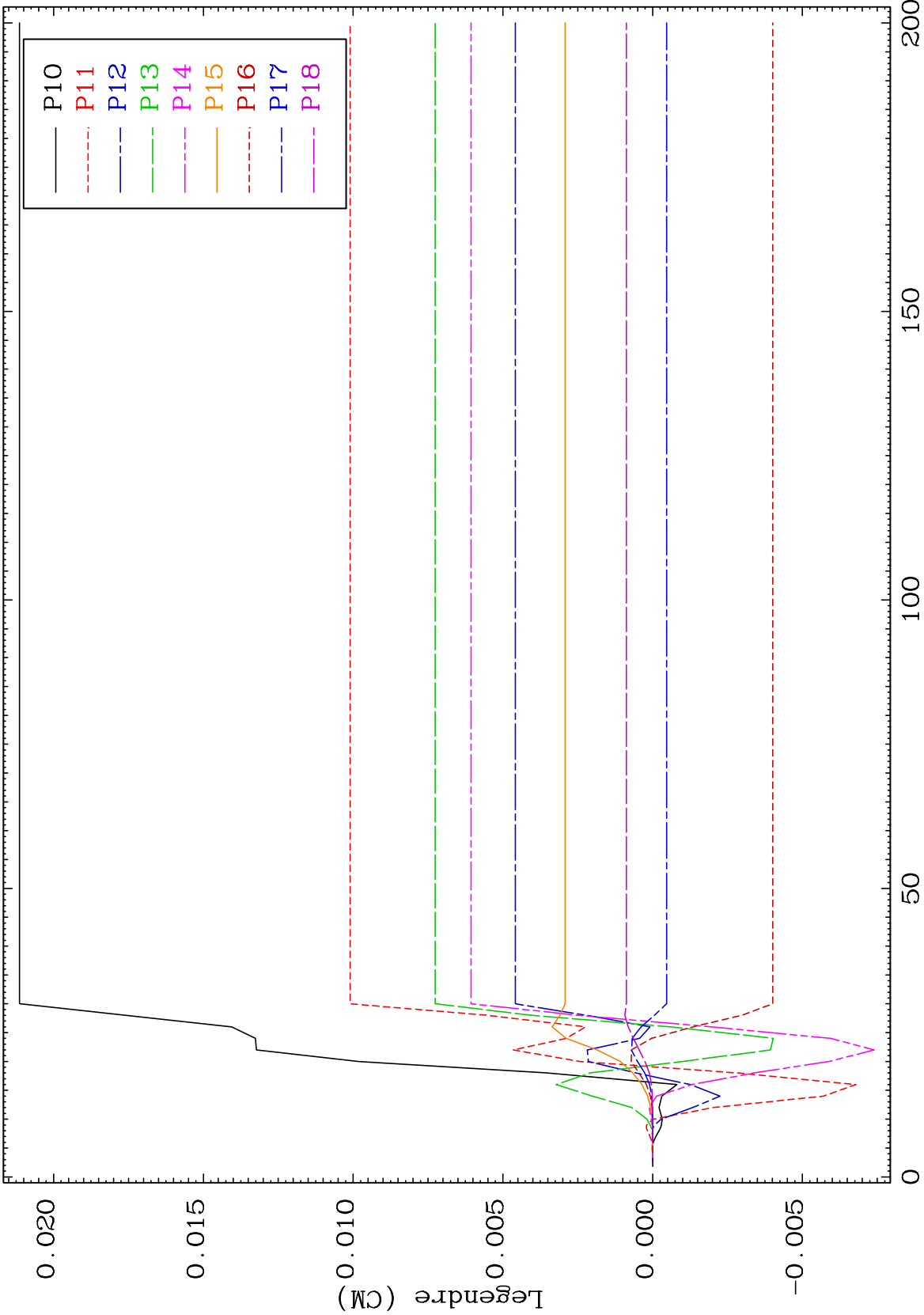
Incident Energy (MeV)

88

MAT 4864

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

48-Cd-119



89

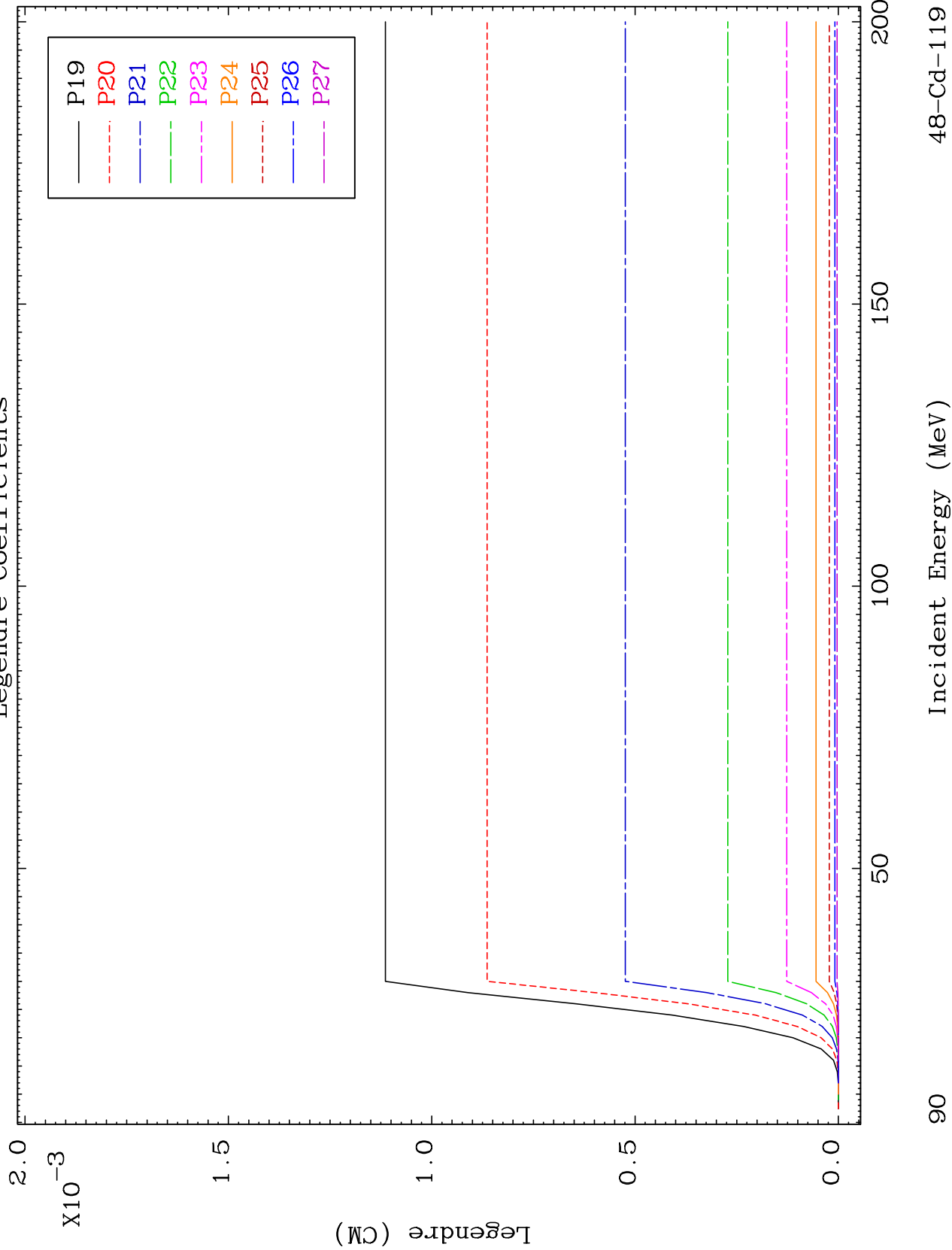
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

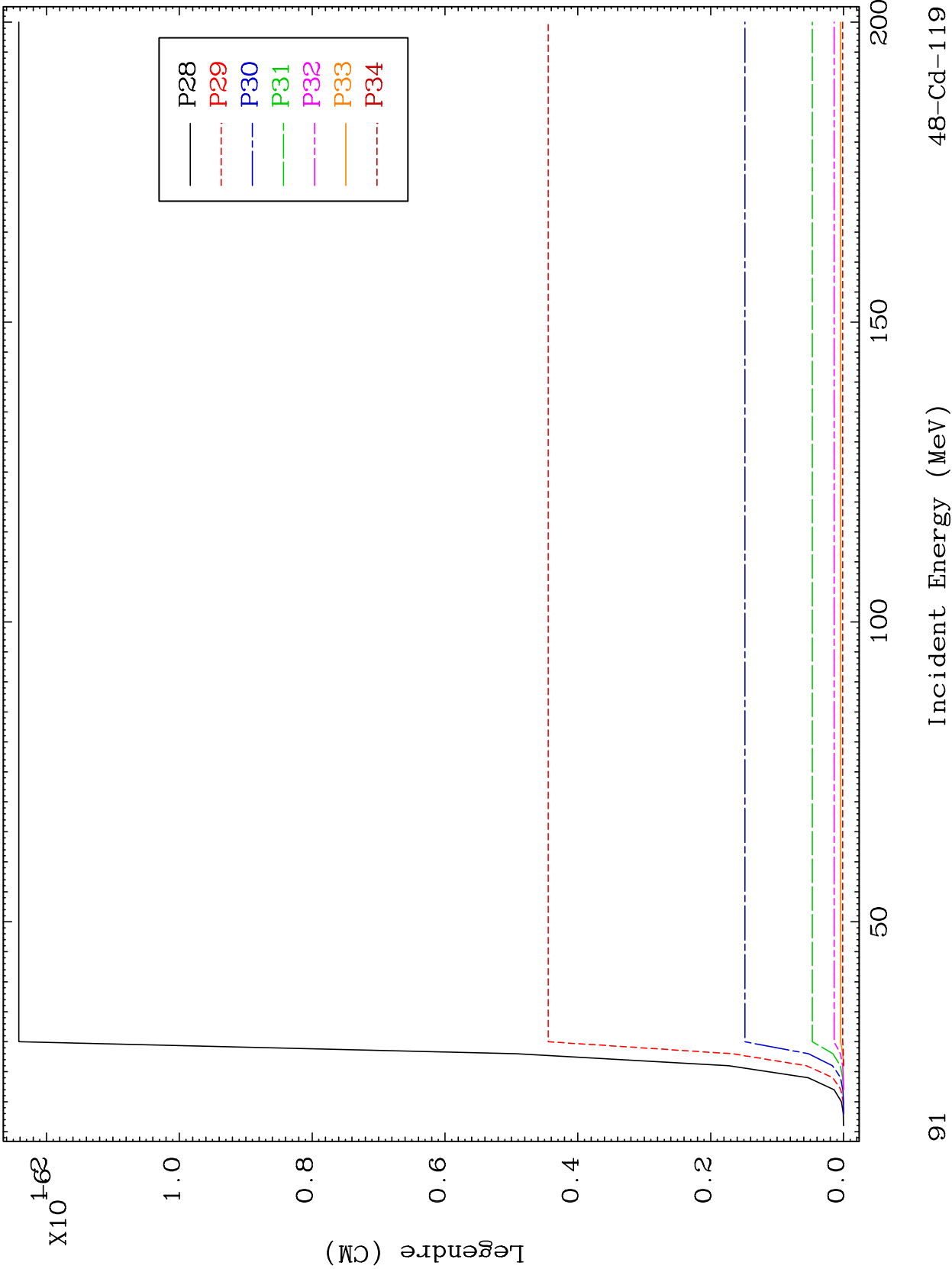
48-Cd-119



MAT 4864

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

48-Cd-119



91

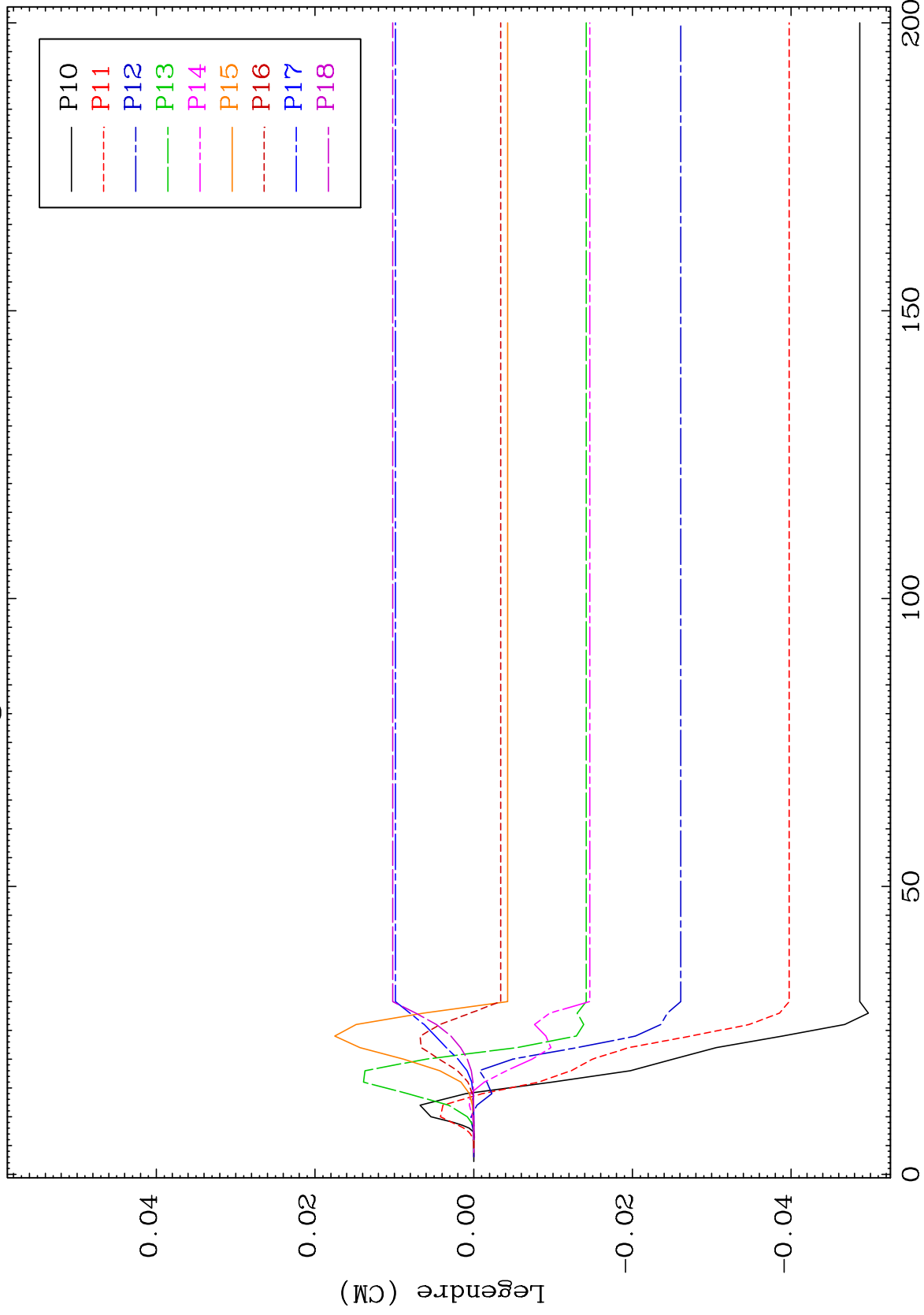
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



93

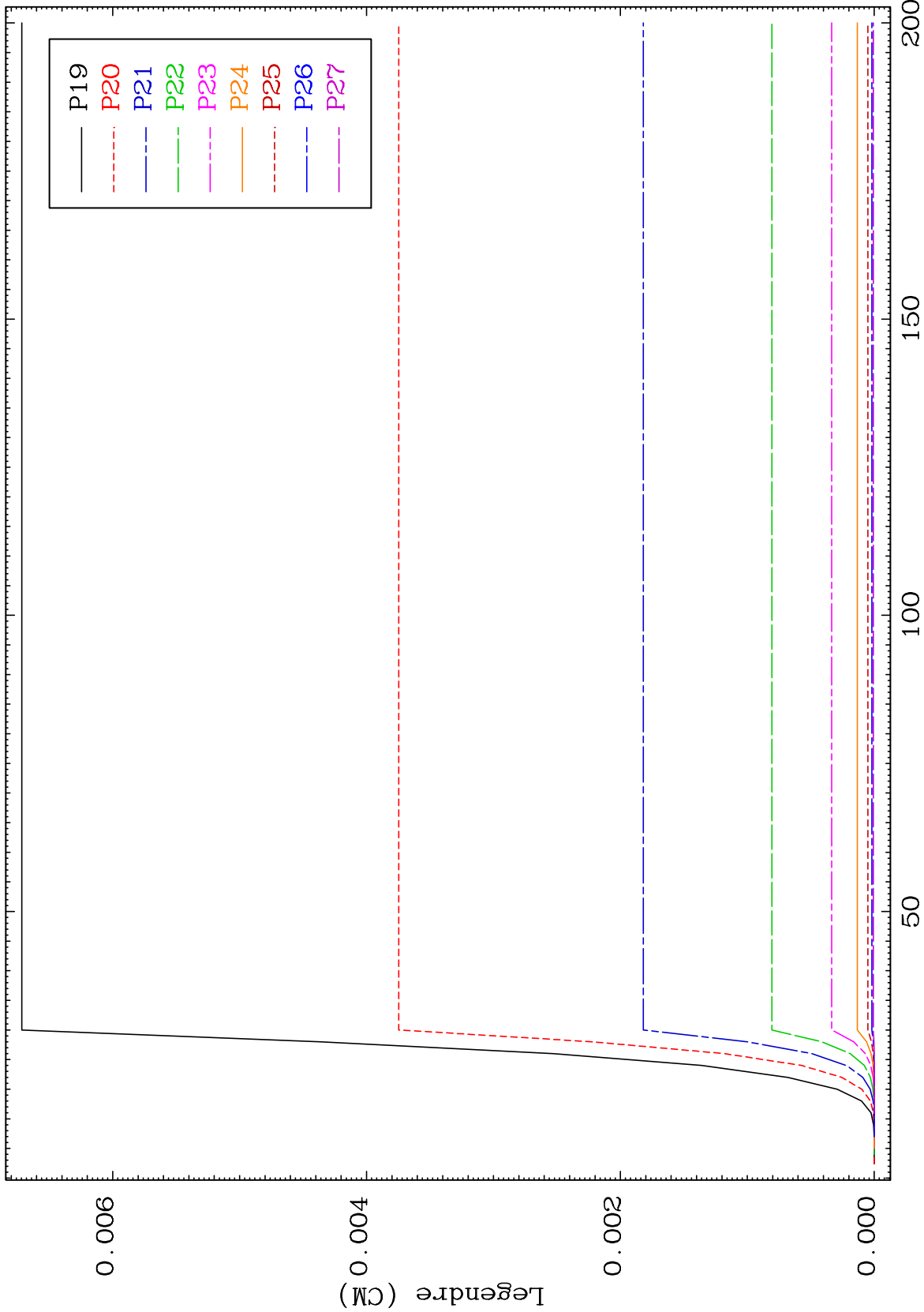
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



94

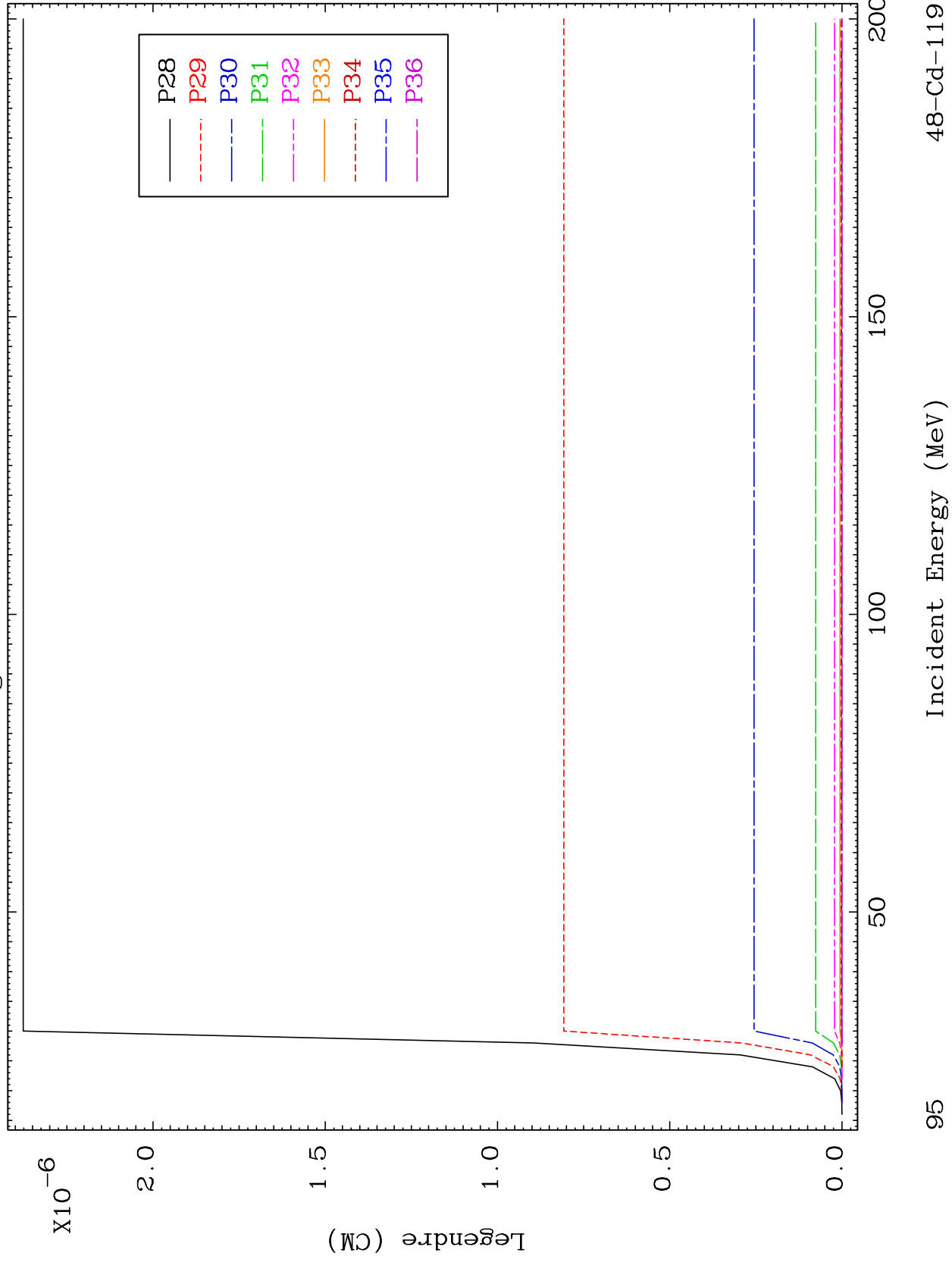
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



95

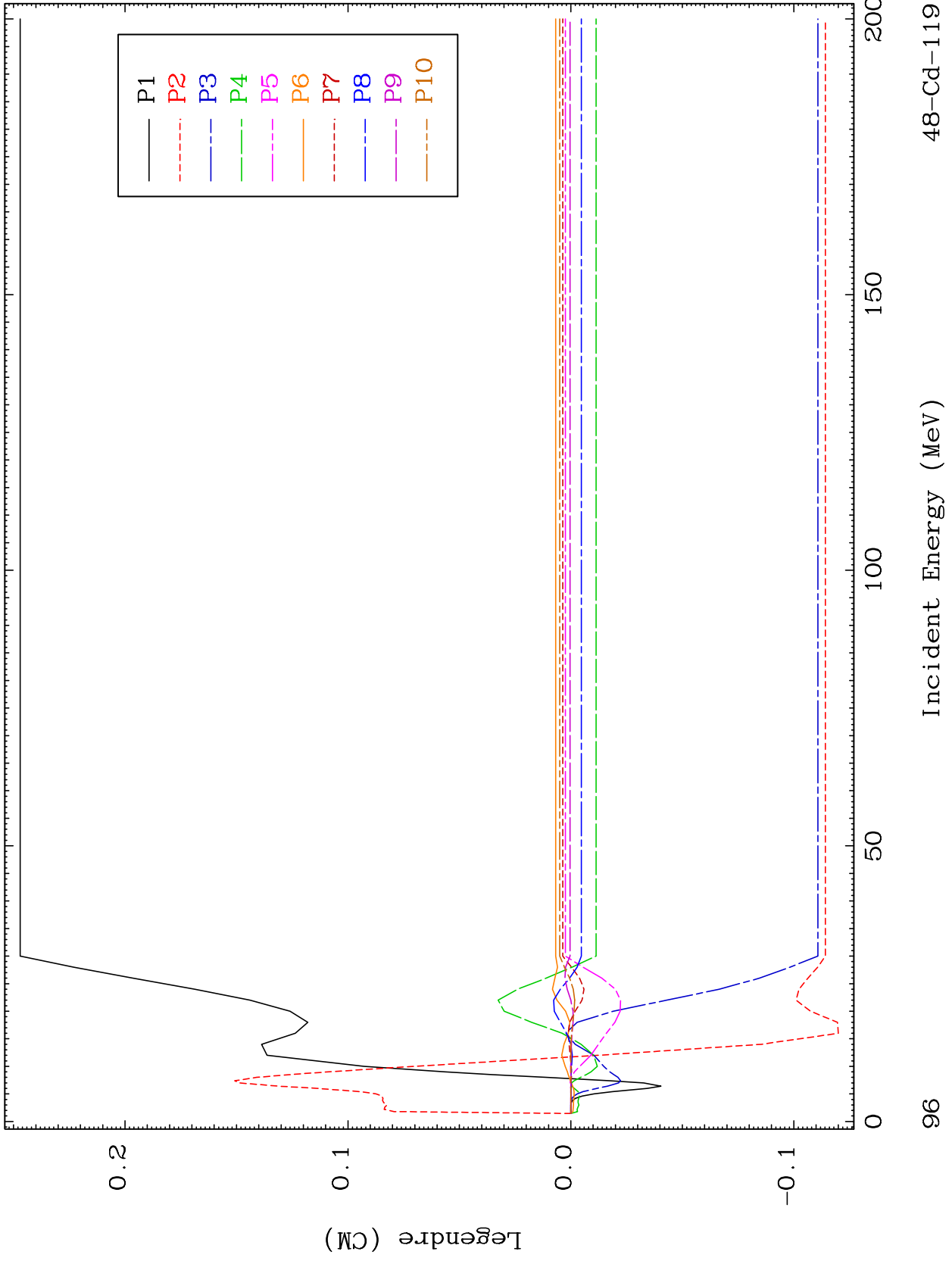
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

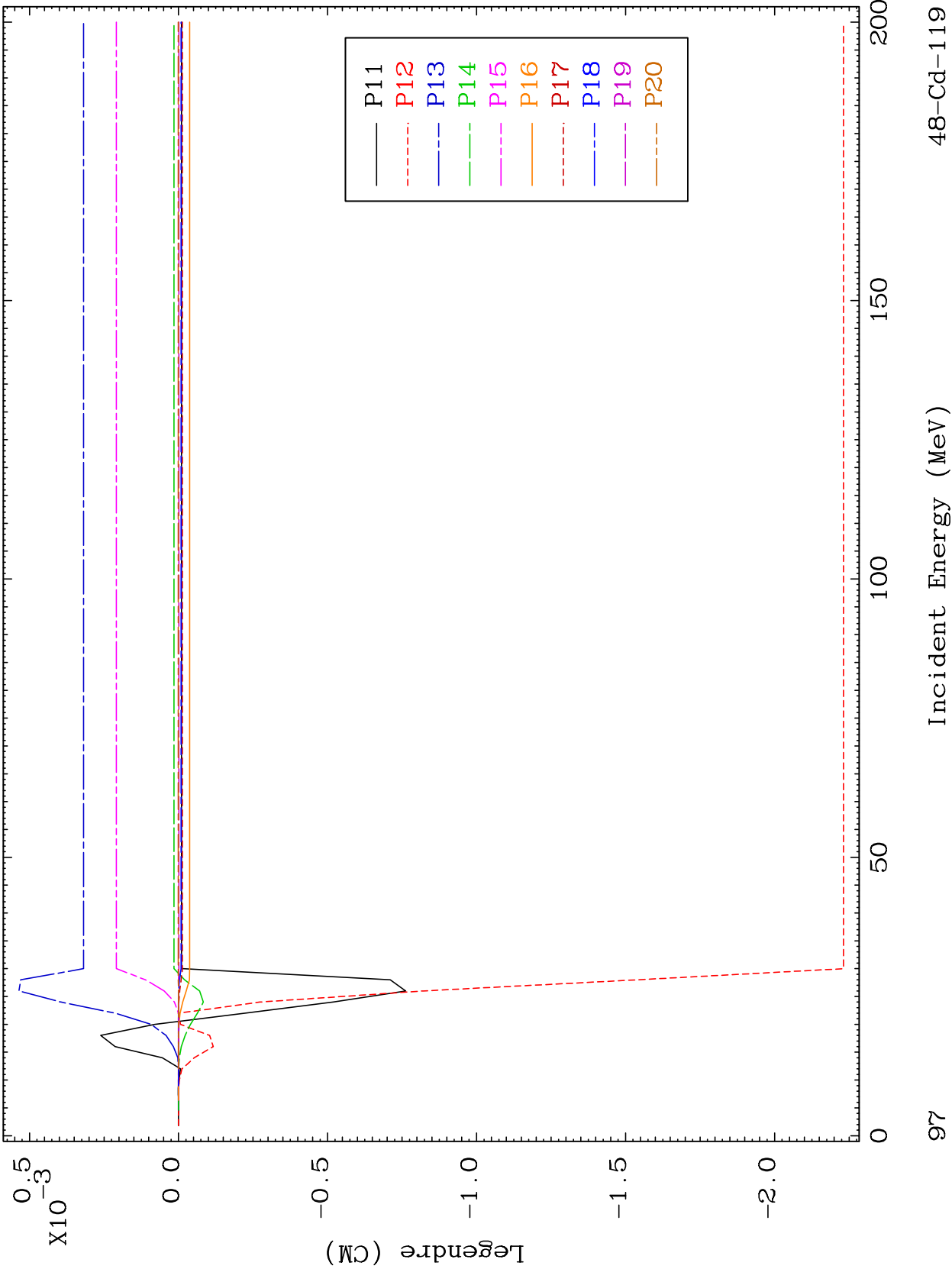
48-Cd-119



MAT 4864

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

48-Cd-119



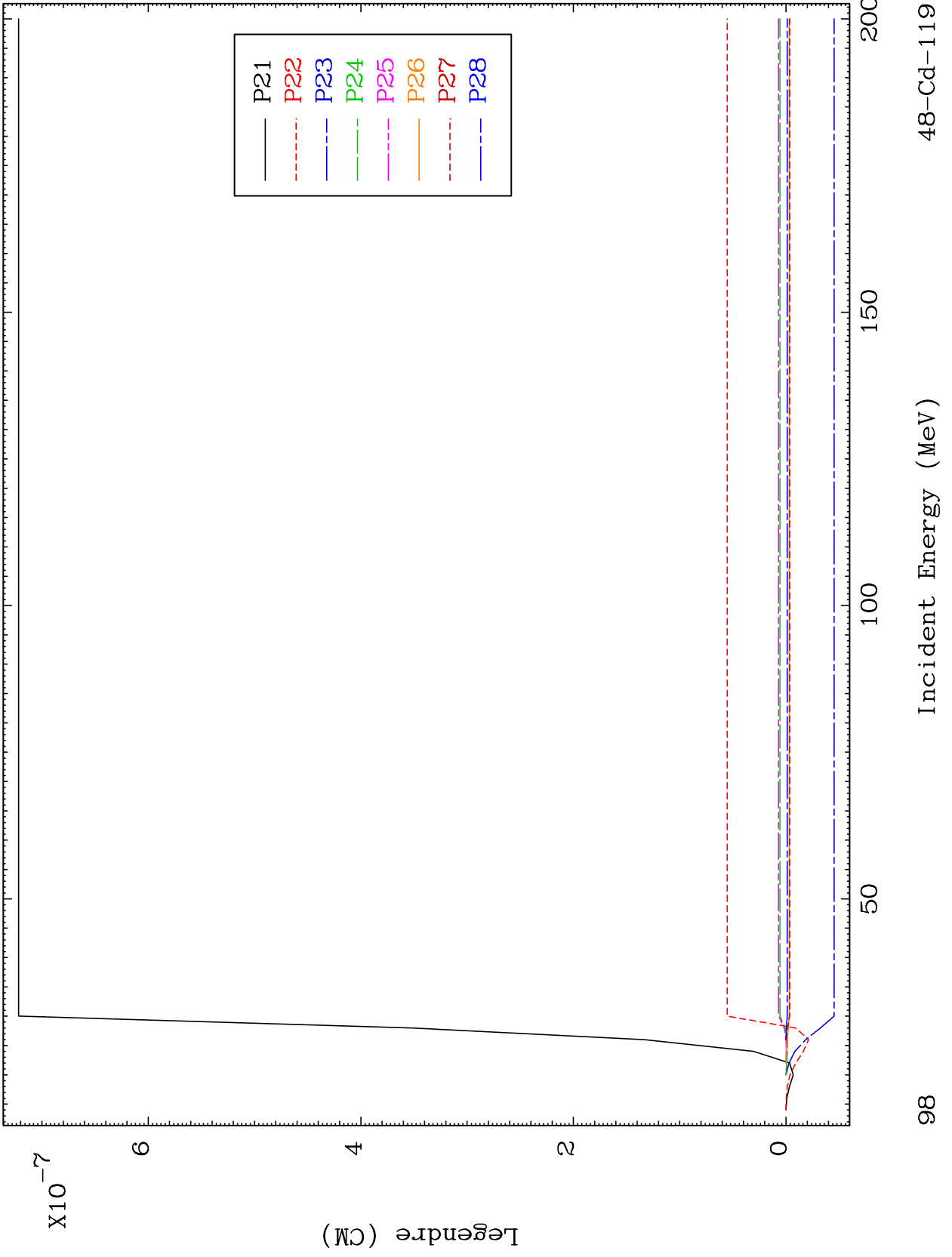
97

48-Cd-119

MAT 4864

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

48-Cd-119



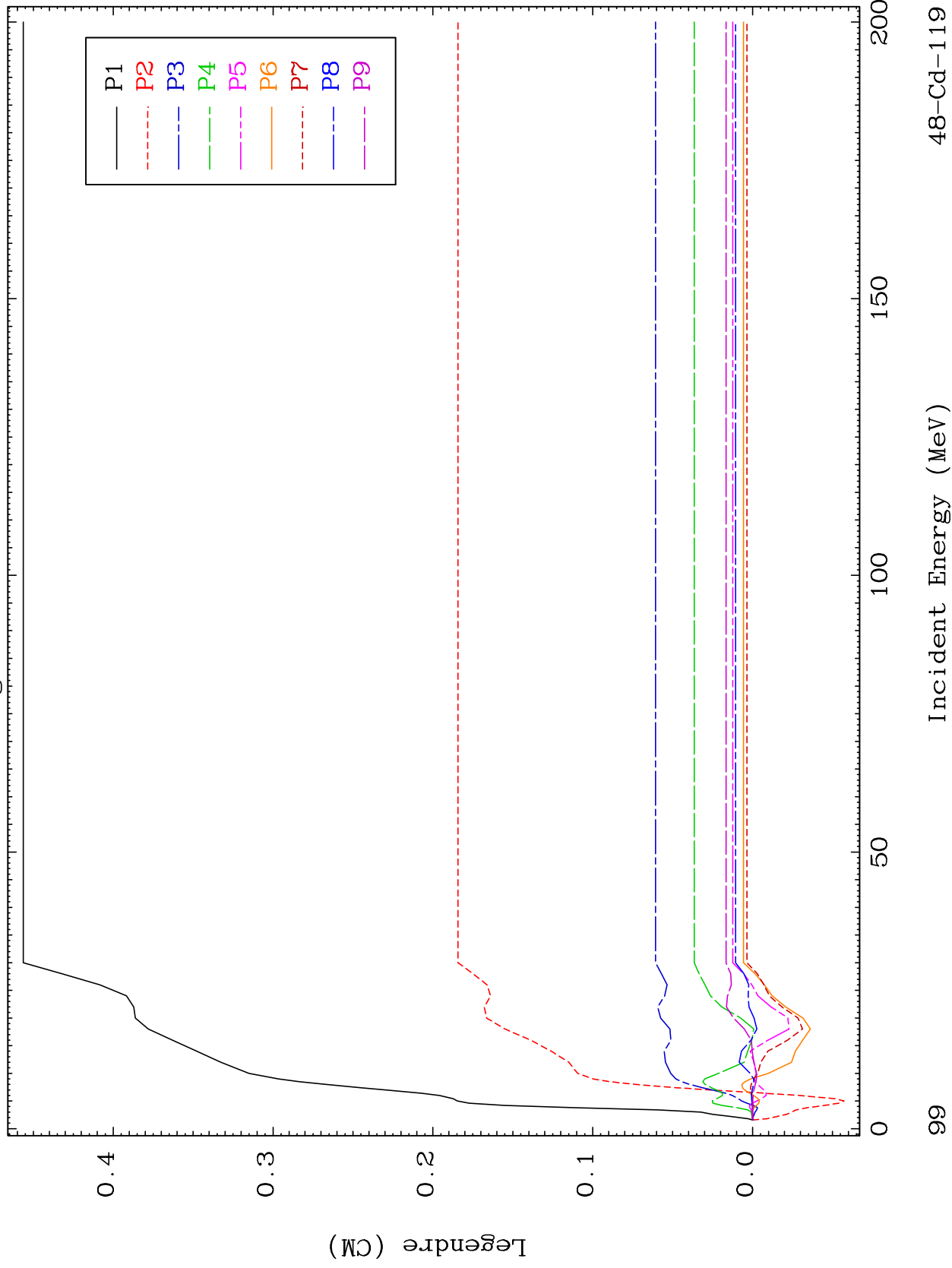
98

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

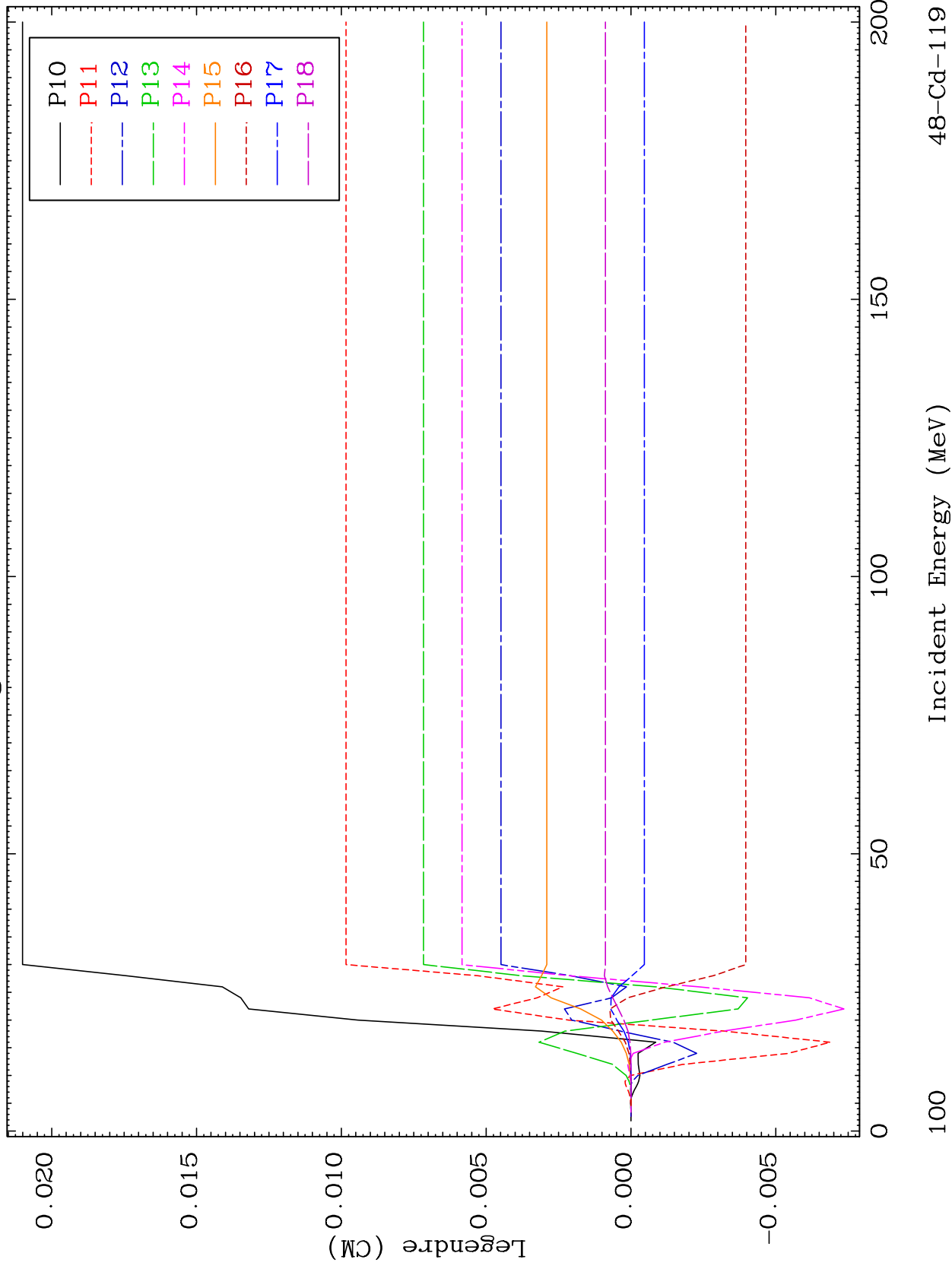
Incident Energy (MeV)

99

MAT 4864

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

48-Cd-119

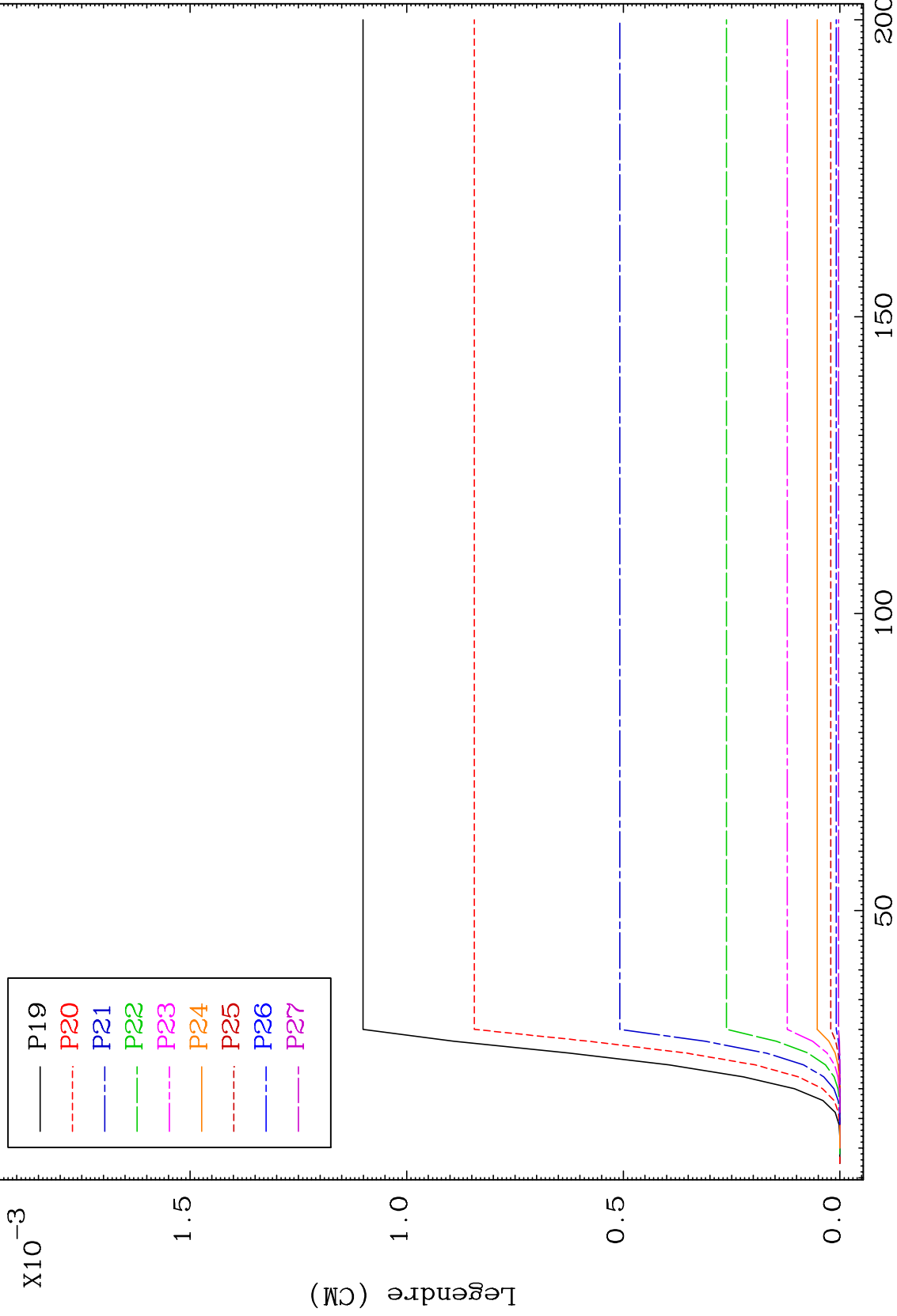
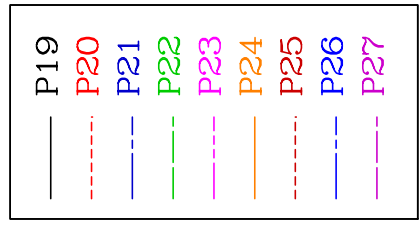


48-Cd-119

MAT 4864

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

48-Cd-119



101

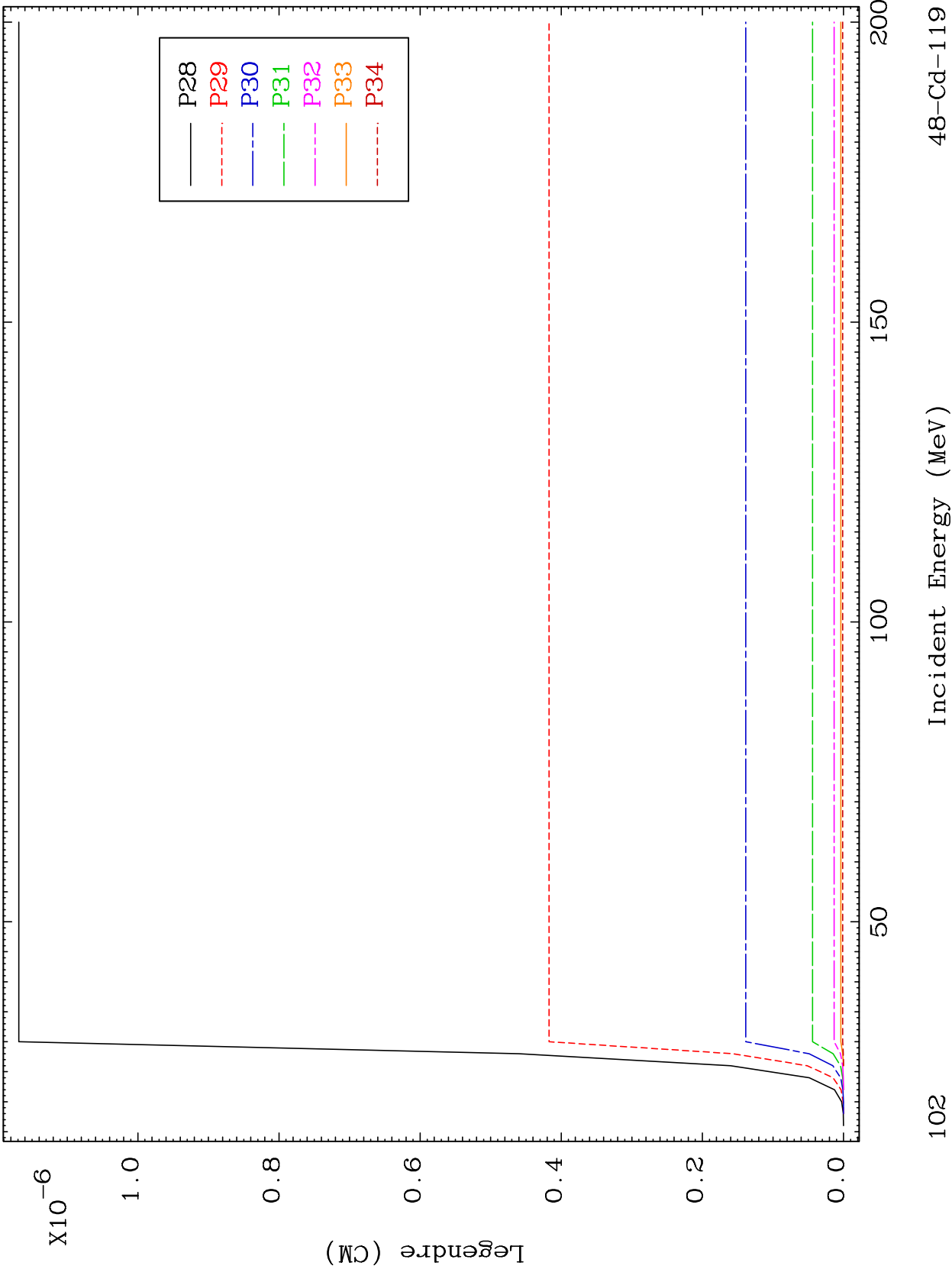
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



102

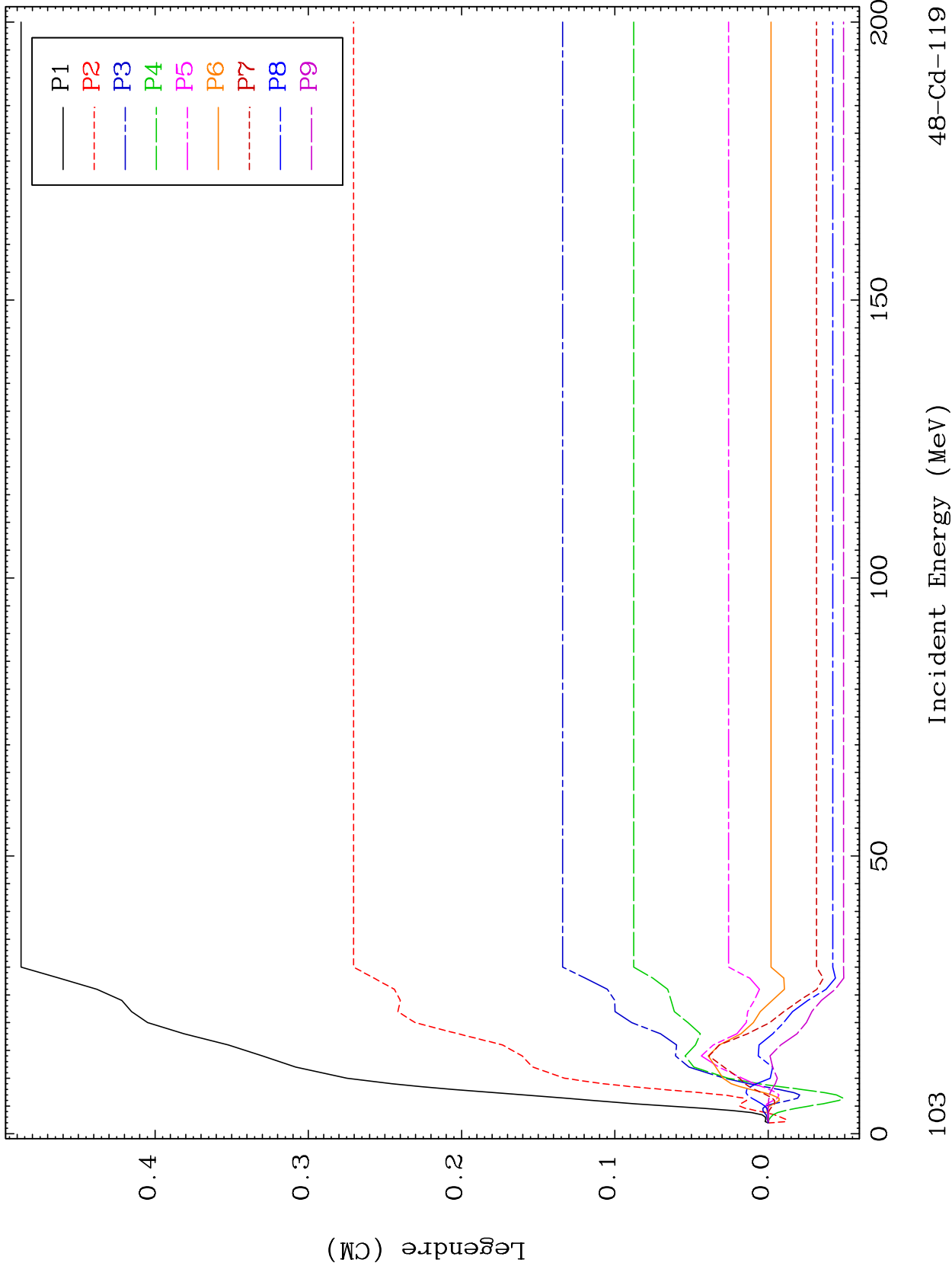
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

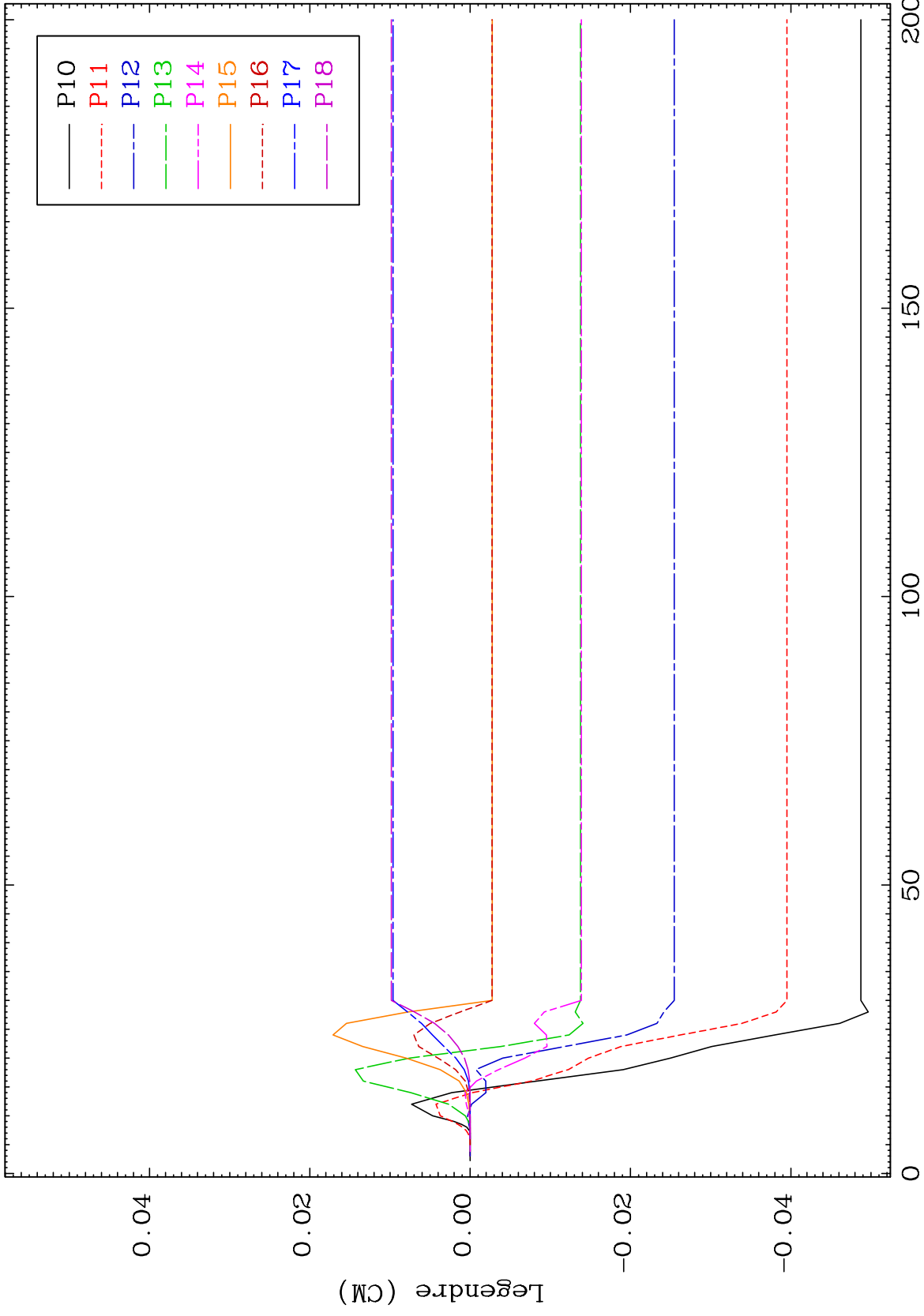
Incident Energy (MeV)

103

MAT 4864

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

48-Cd-119



104

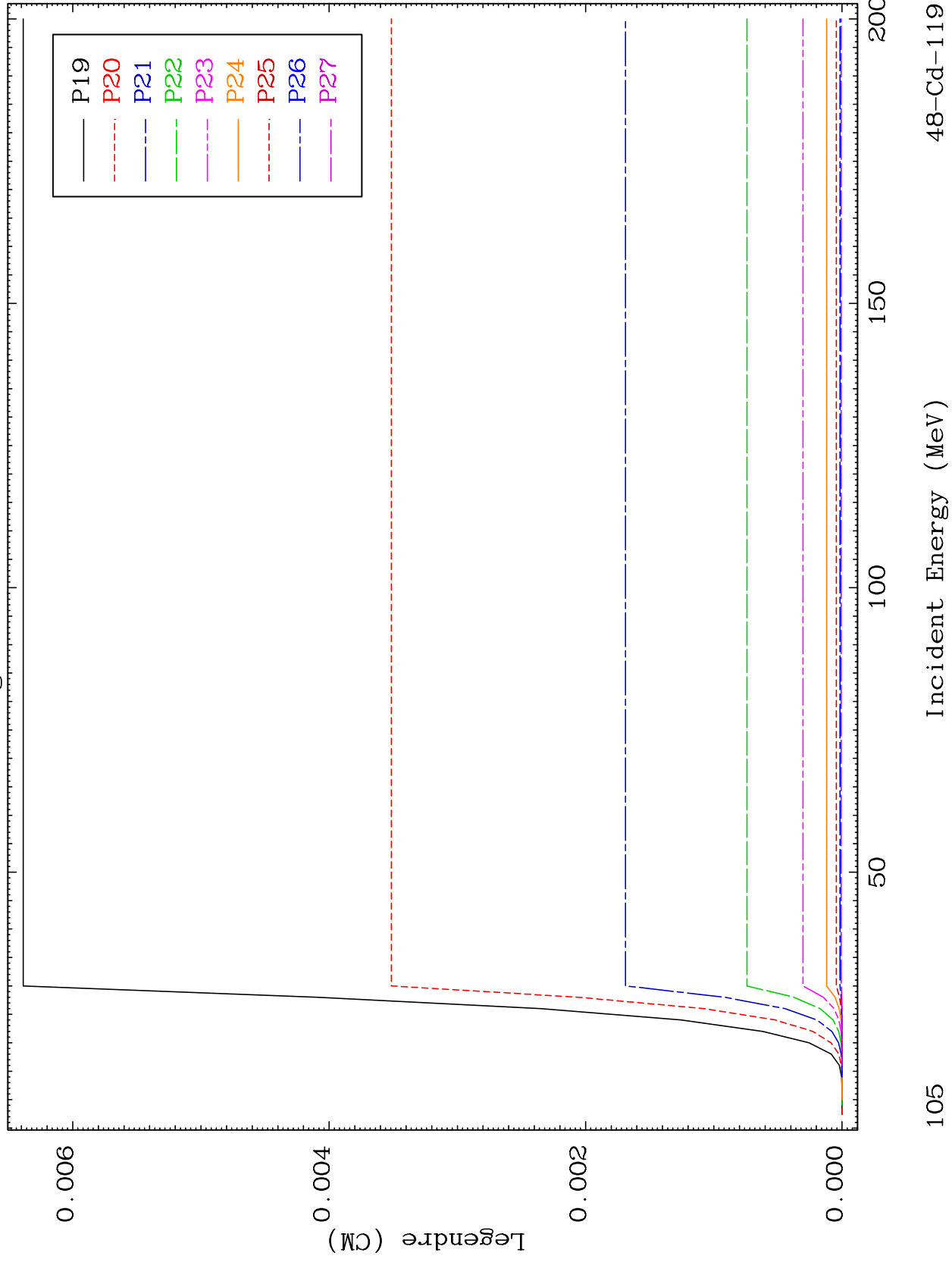
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



105

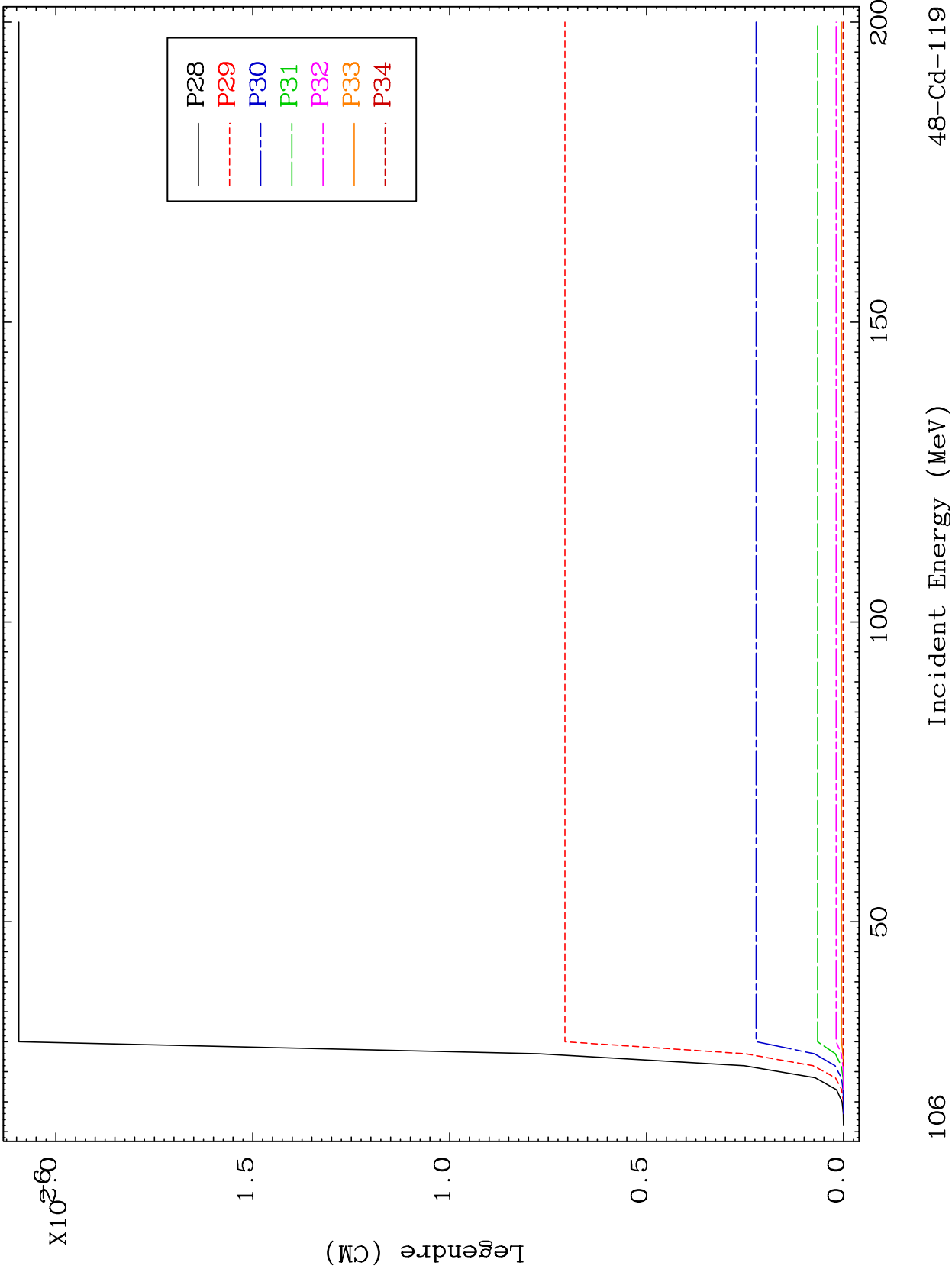
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119

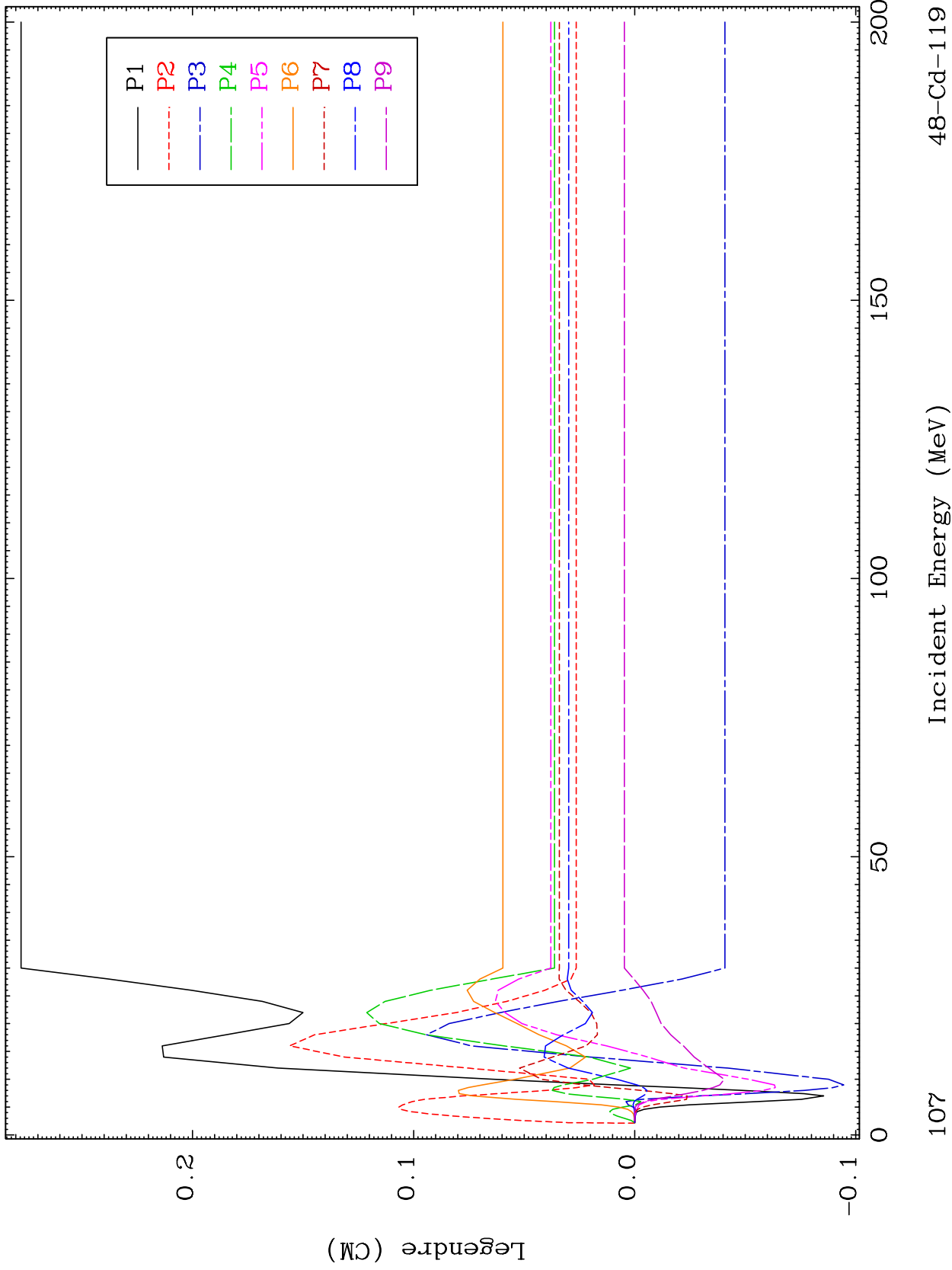


106

MAT 4864

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

48-Cd-119



48-Cd-119

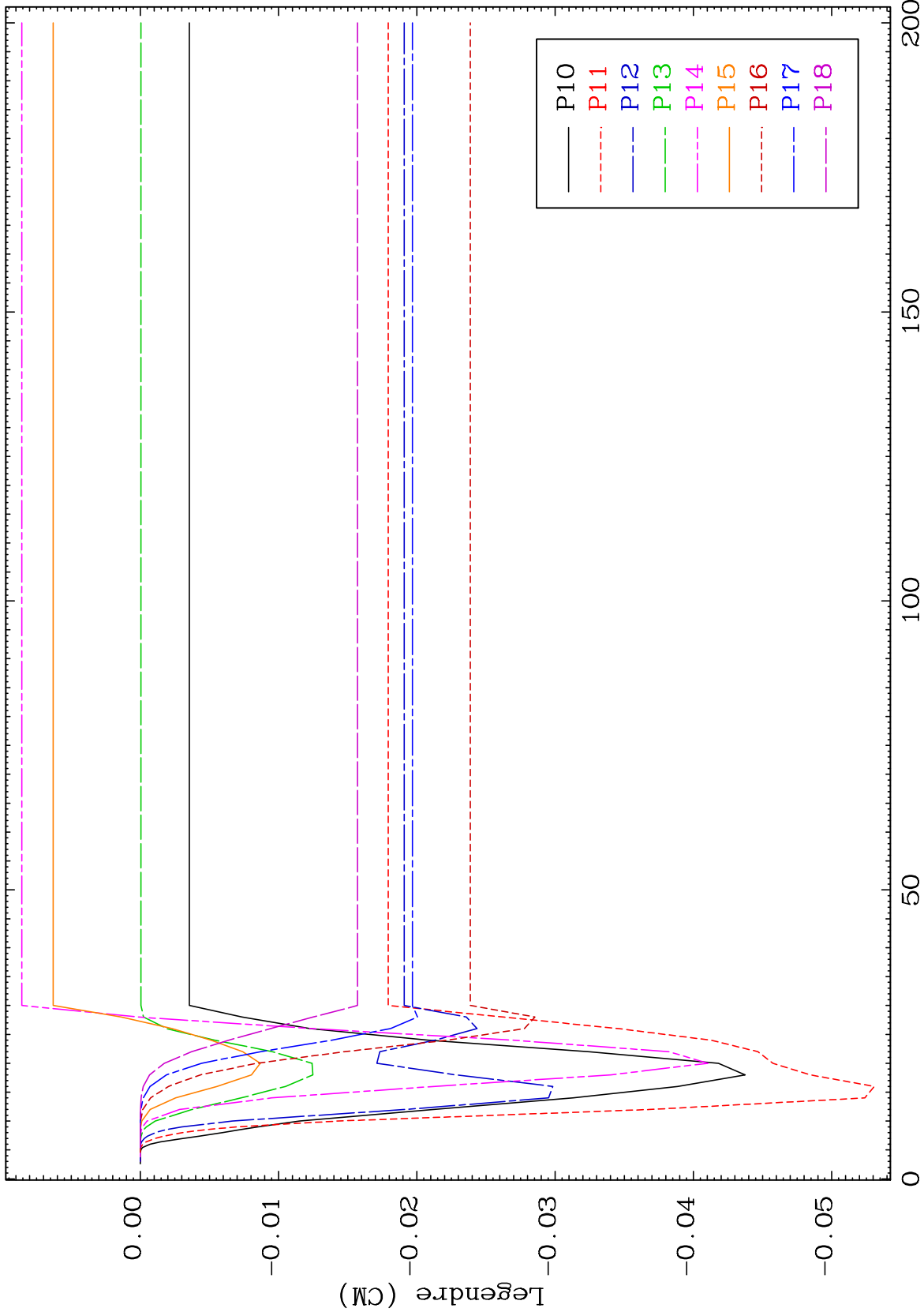
Incident Energy (MeV)

107

MAT 4864

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

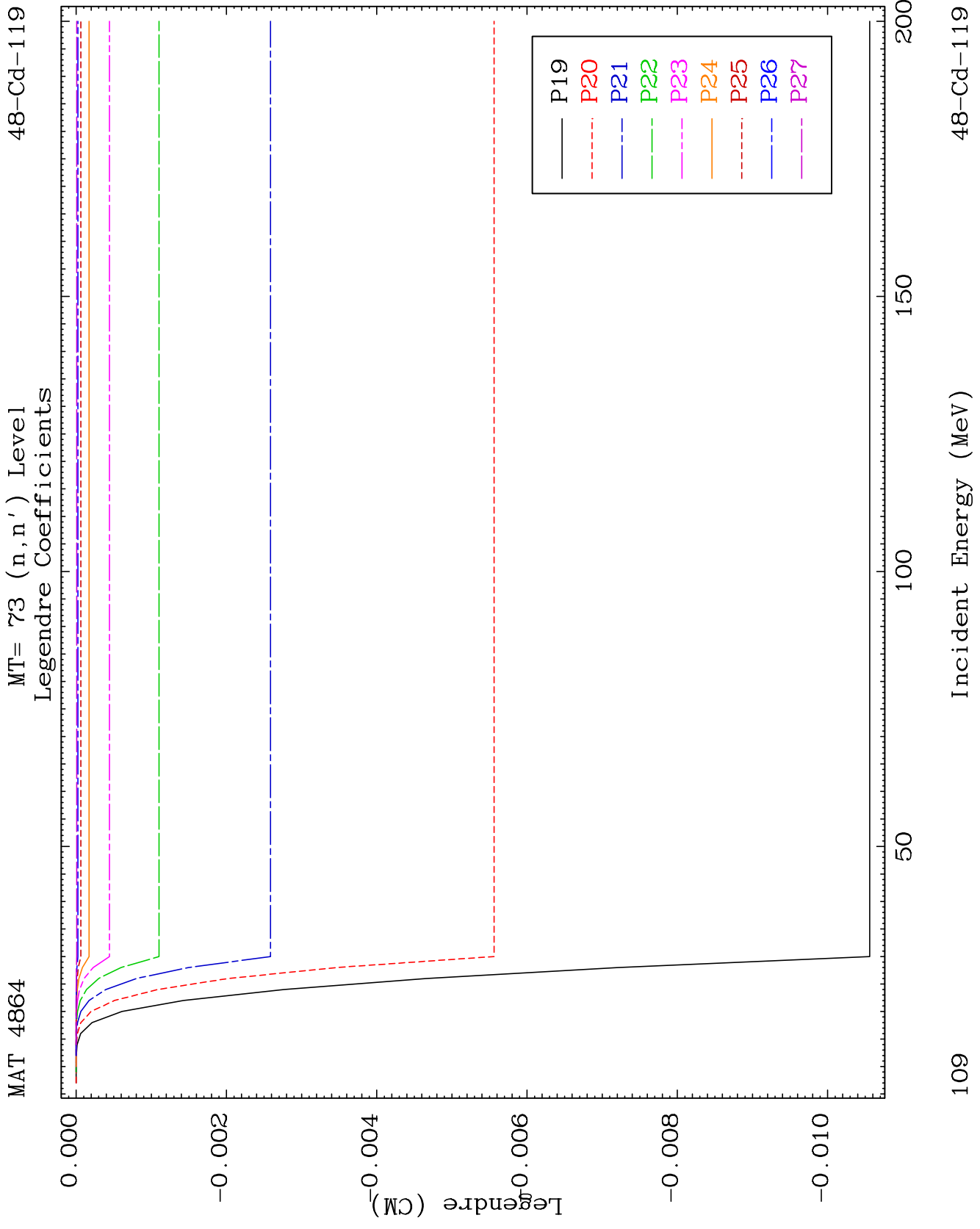
48-Cd-119

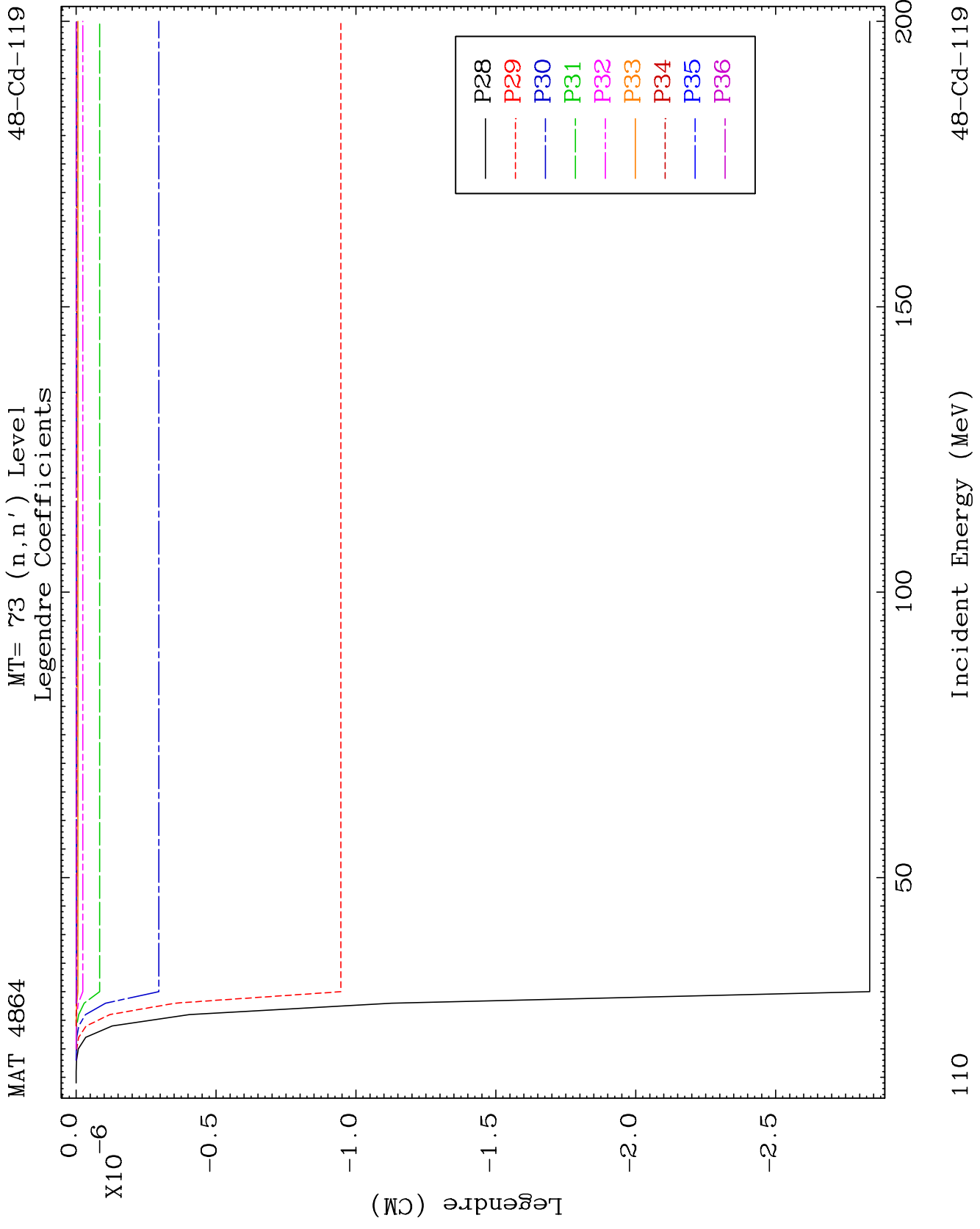


108

Incident Energy (MeV)

48-Cd-119

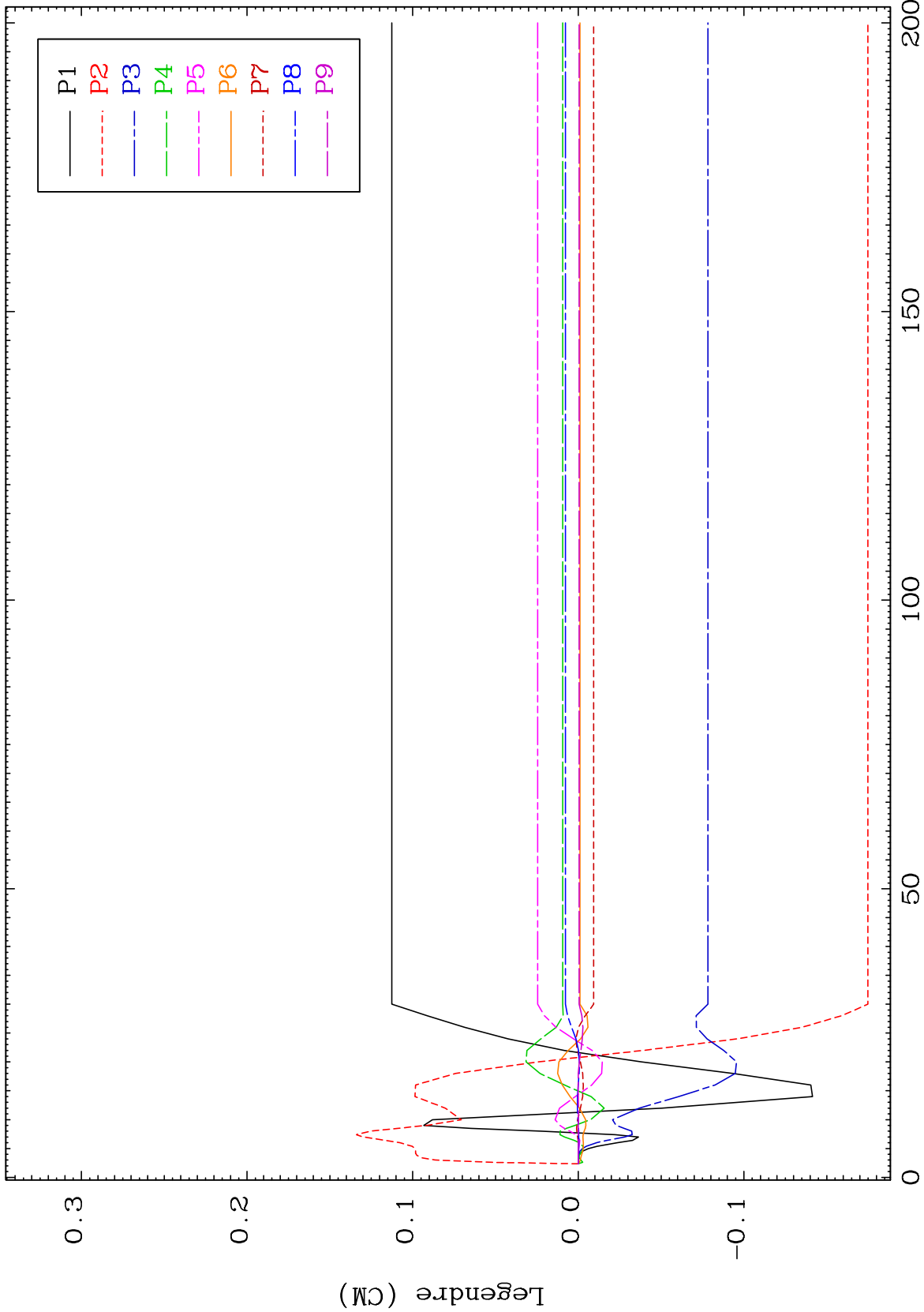




MAT 4864

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

48-Cd-119



111

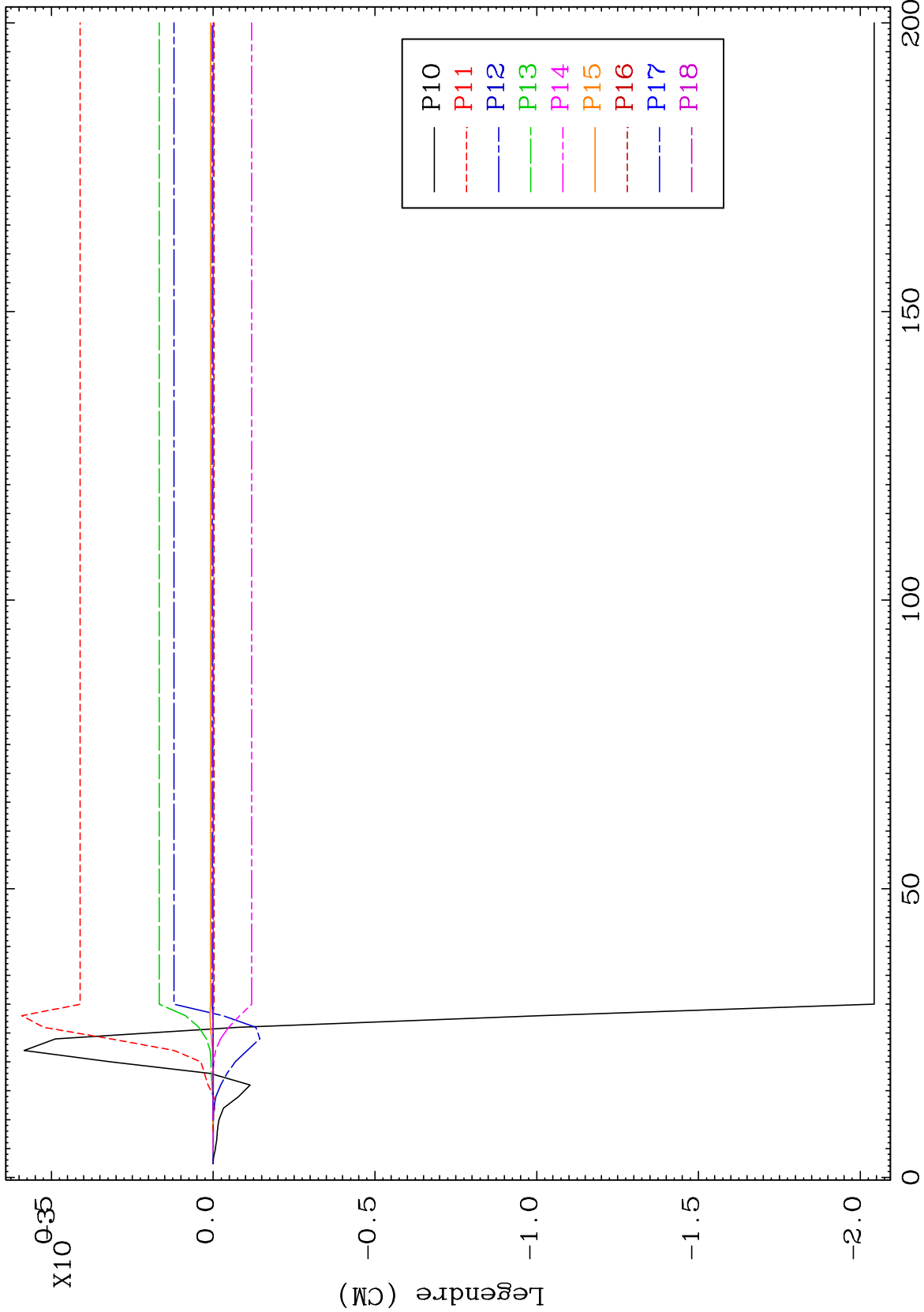
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



112

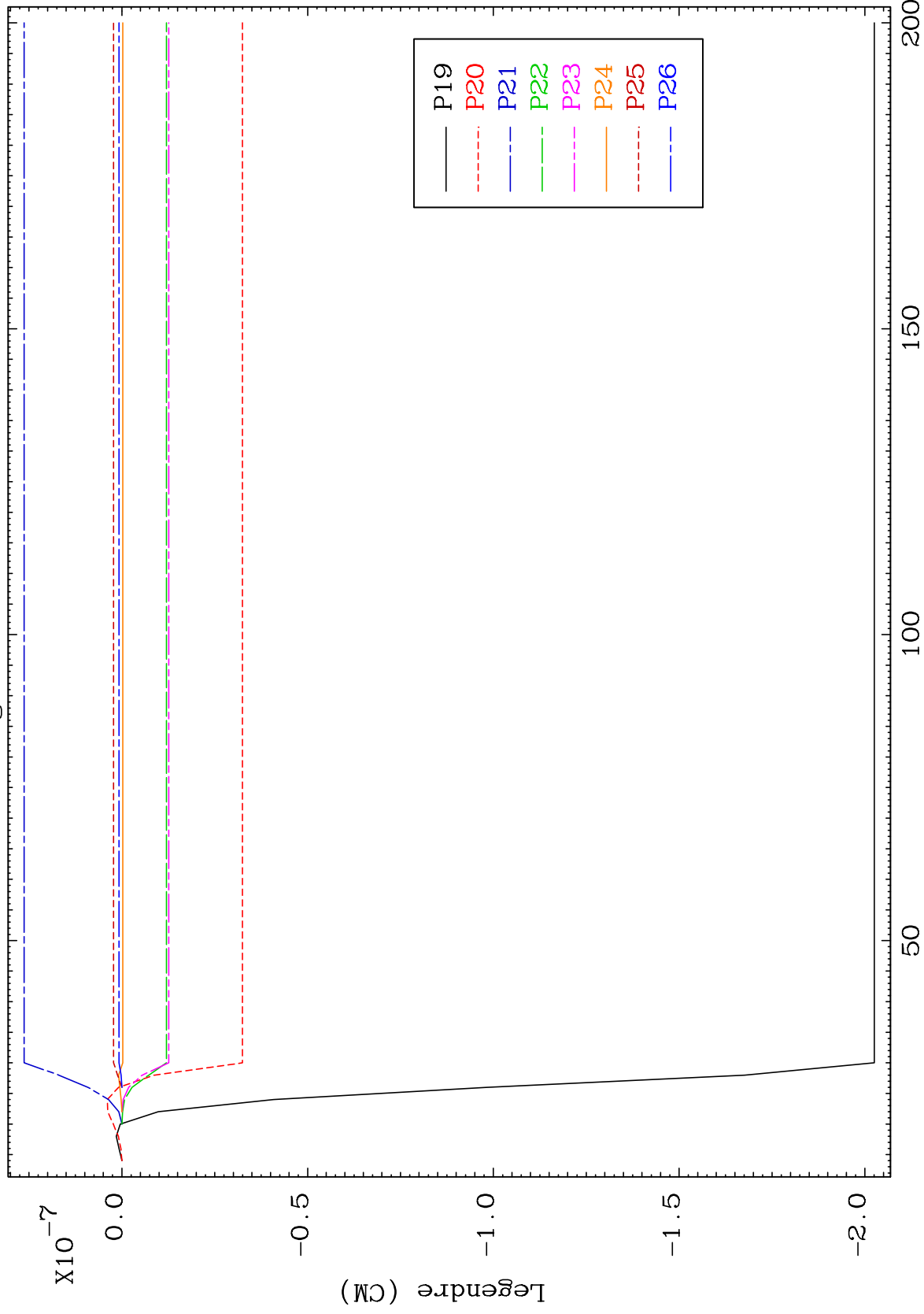
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



113

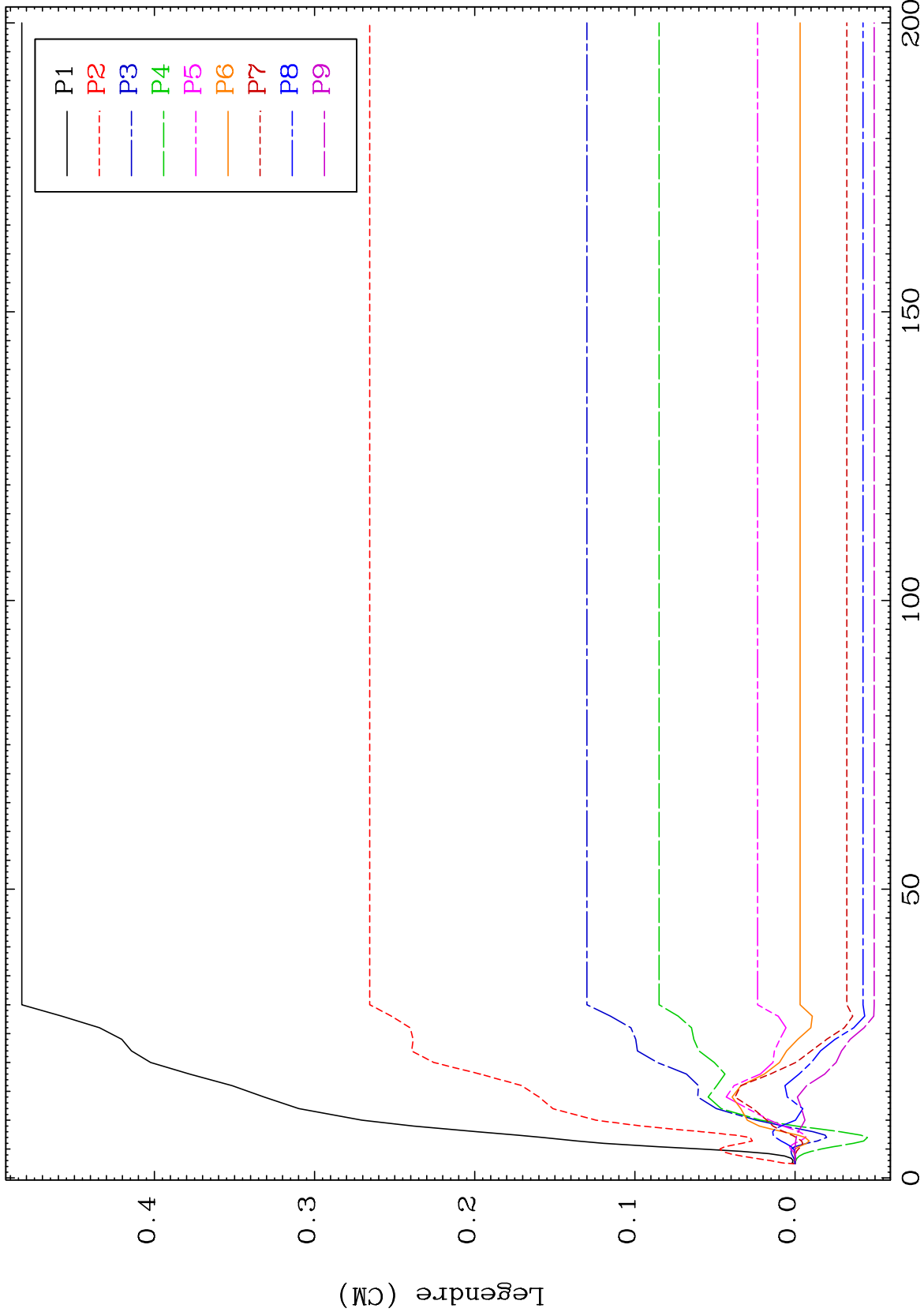
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



114

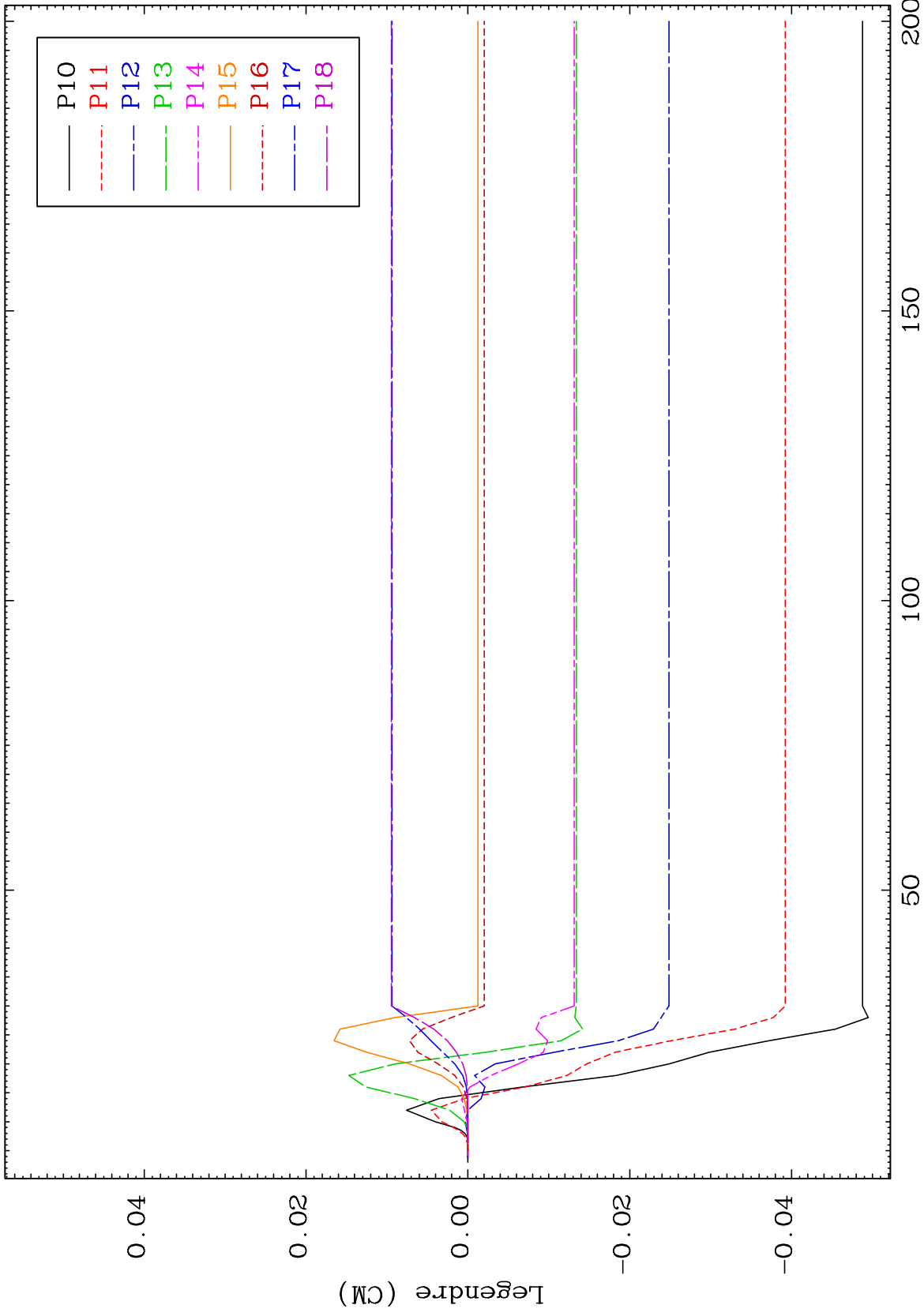
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



115

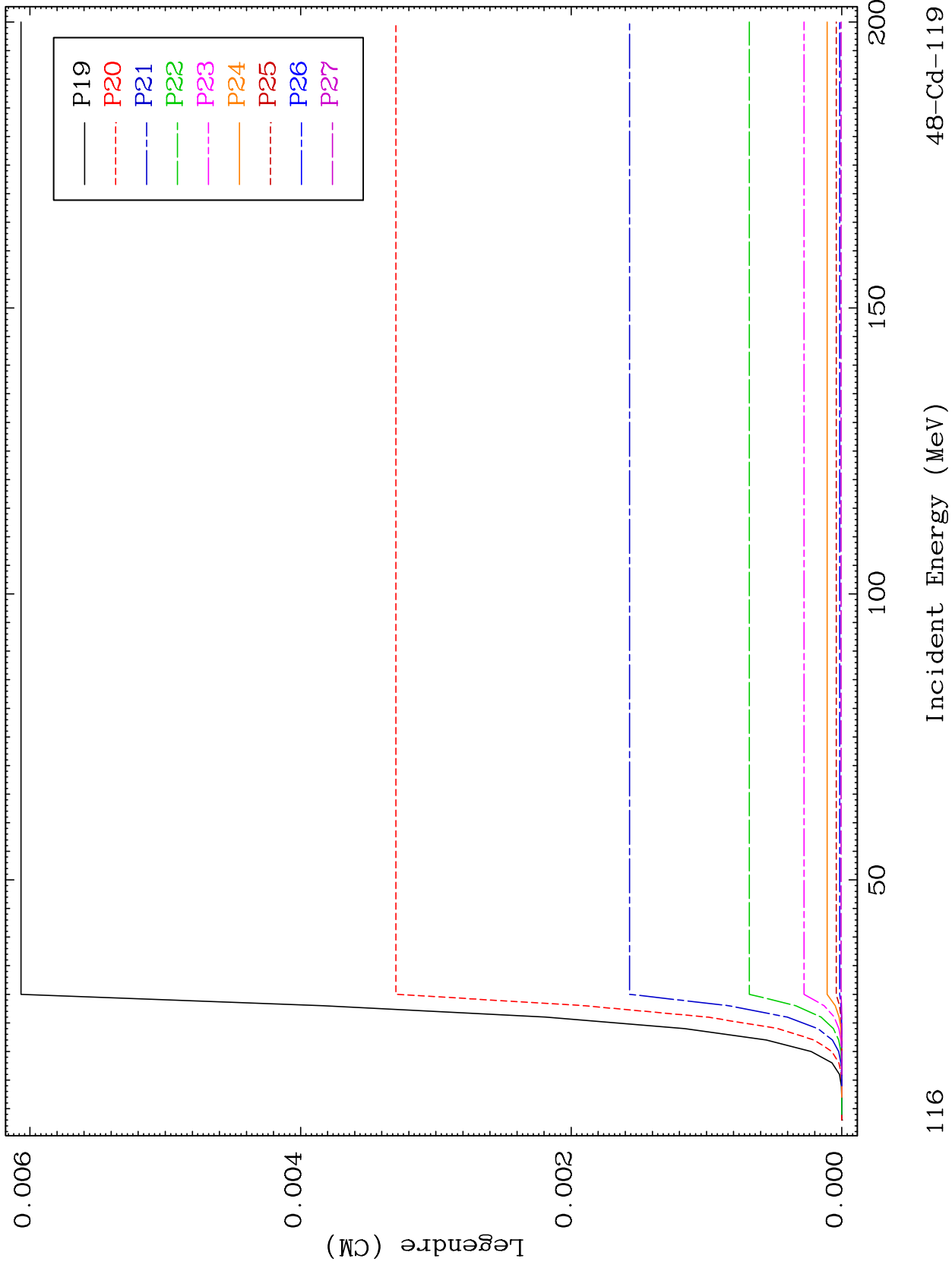
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



116

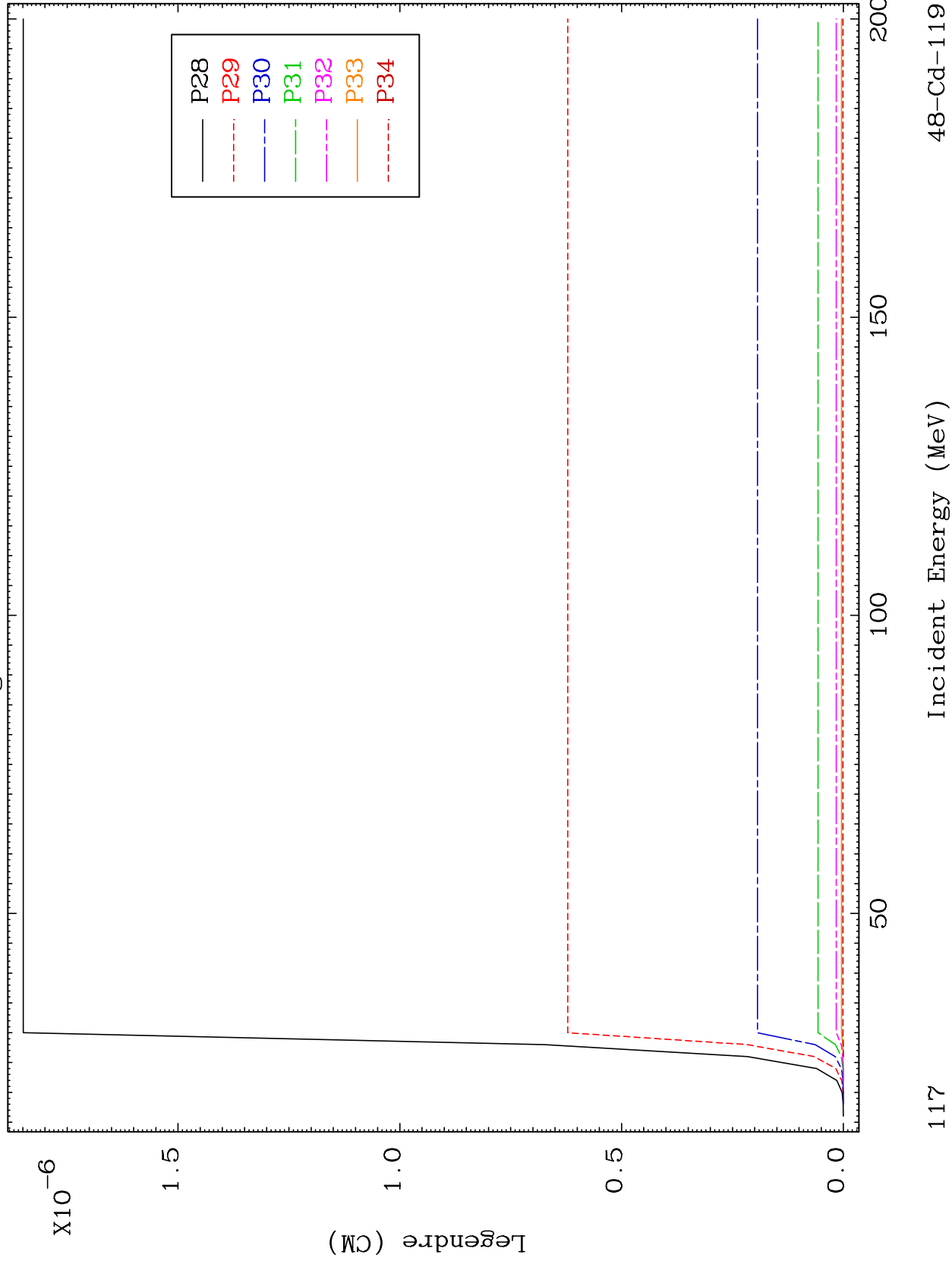
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



117

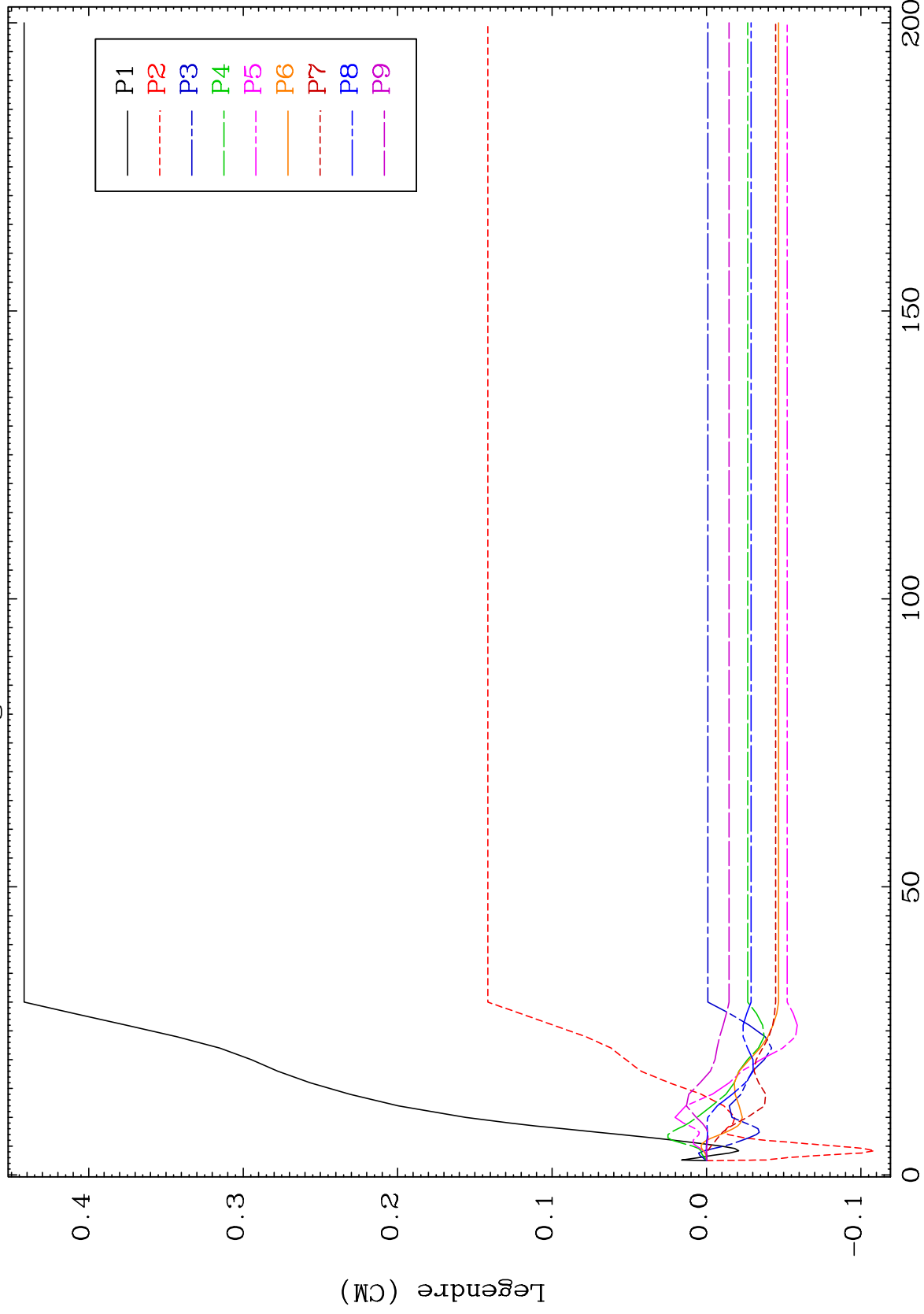
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



118

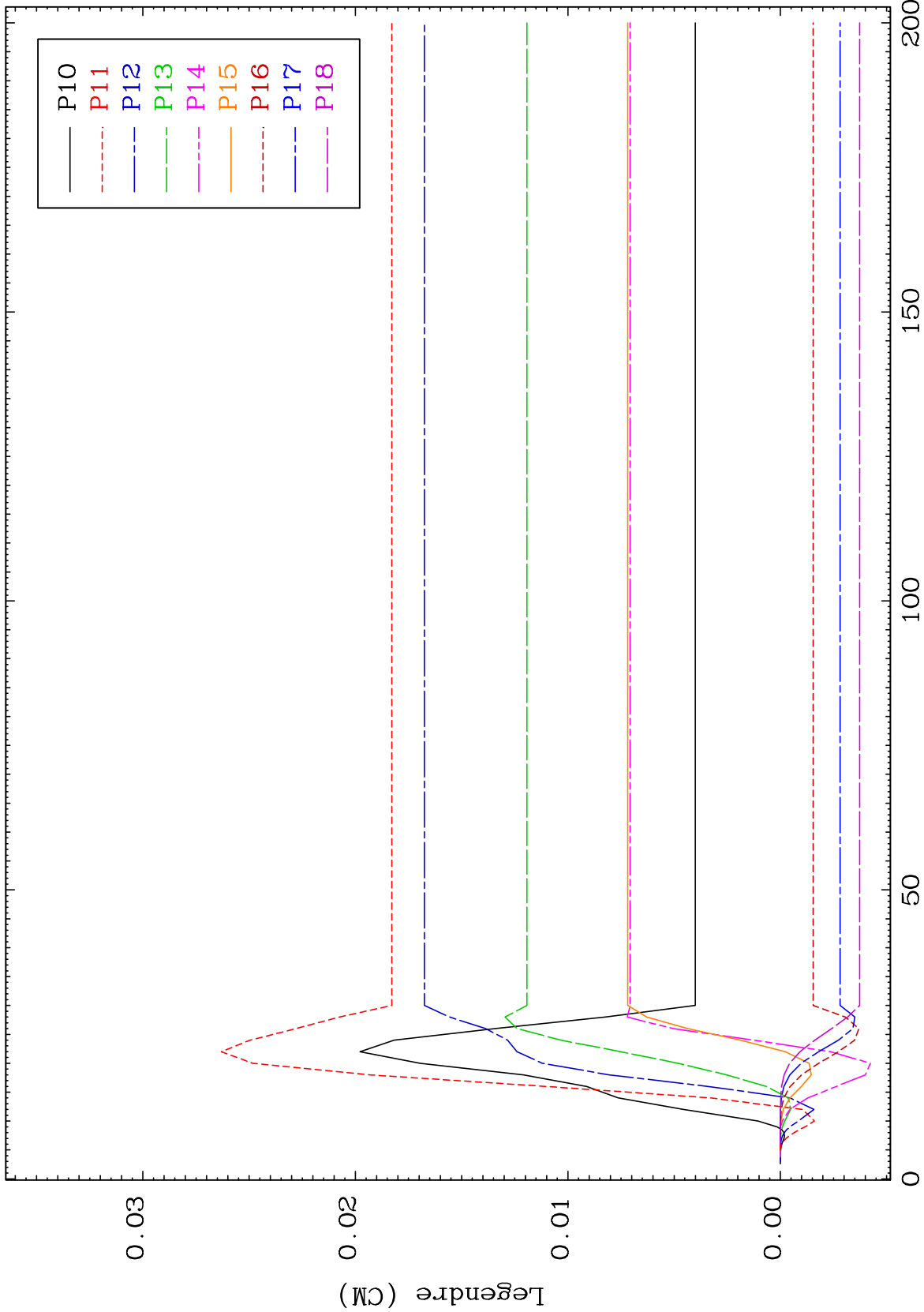
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



119

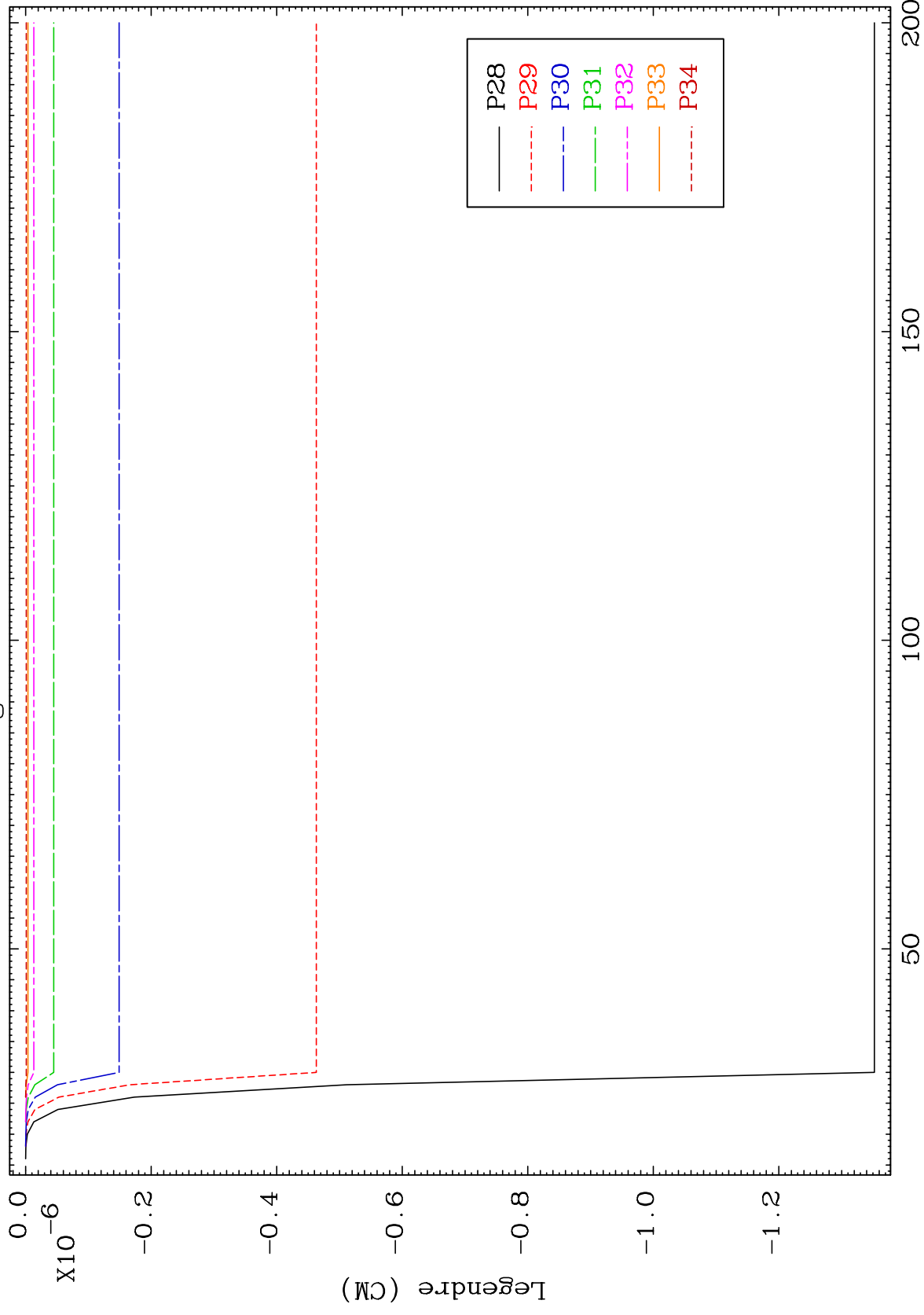
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



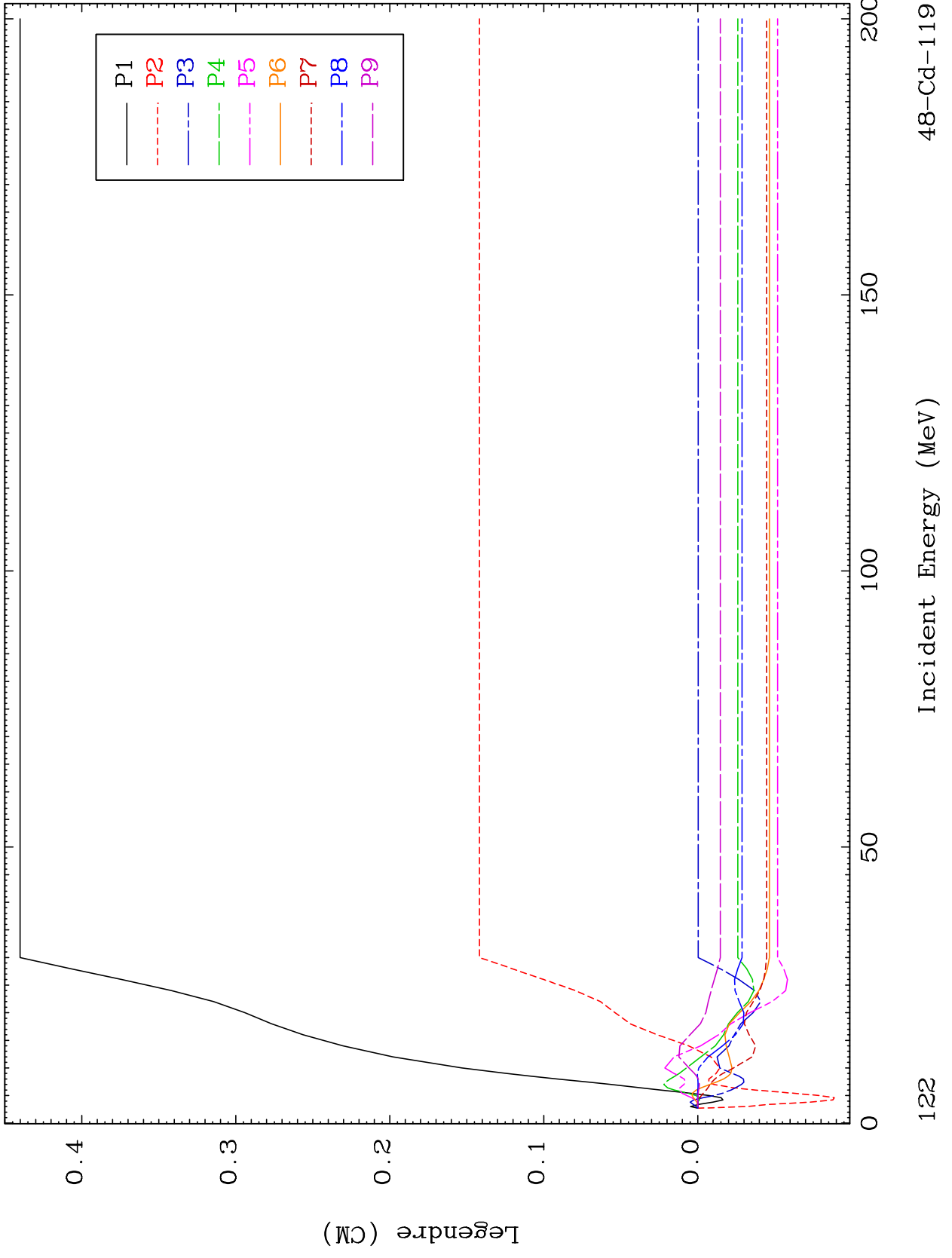
121

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

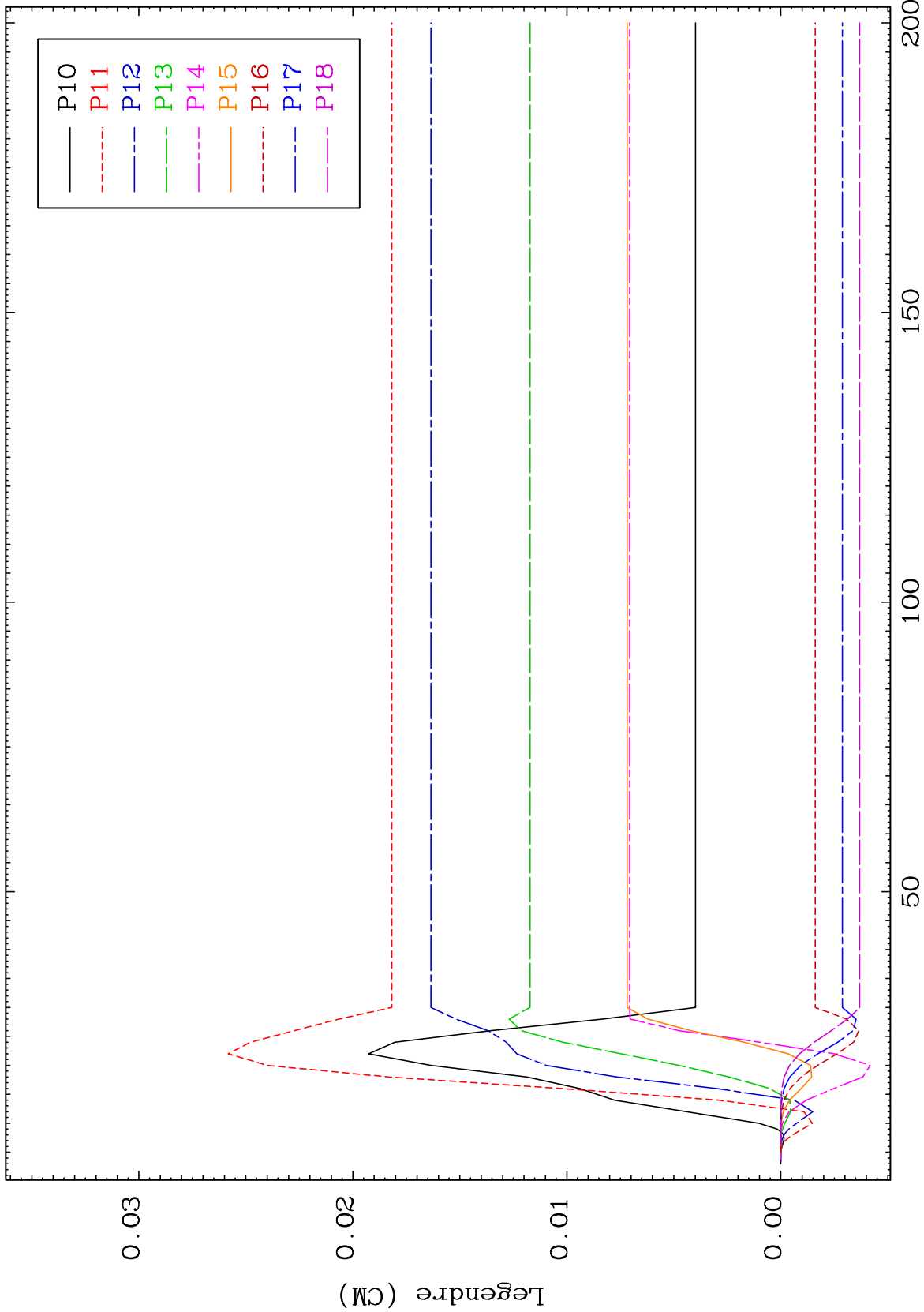
Incident Energy (MeV)

122

MAT 4864

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

48-Cd-119



123

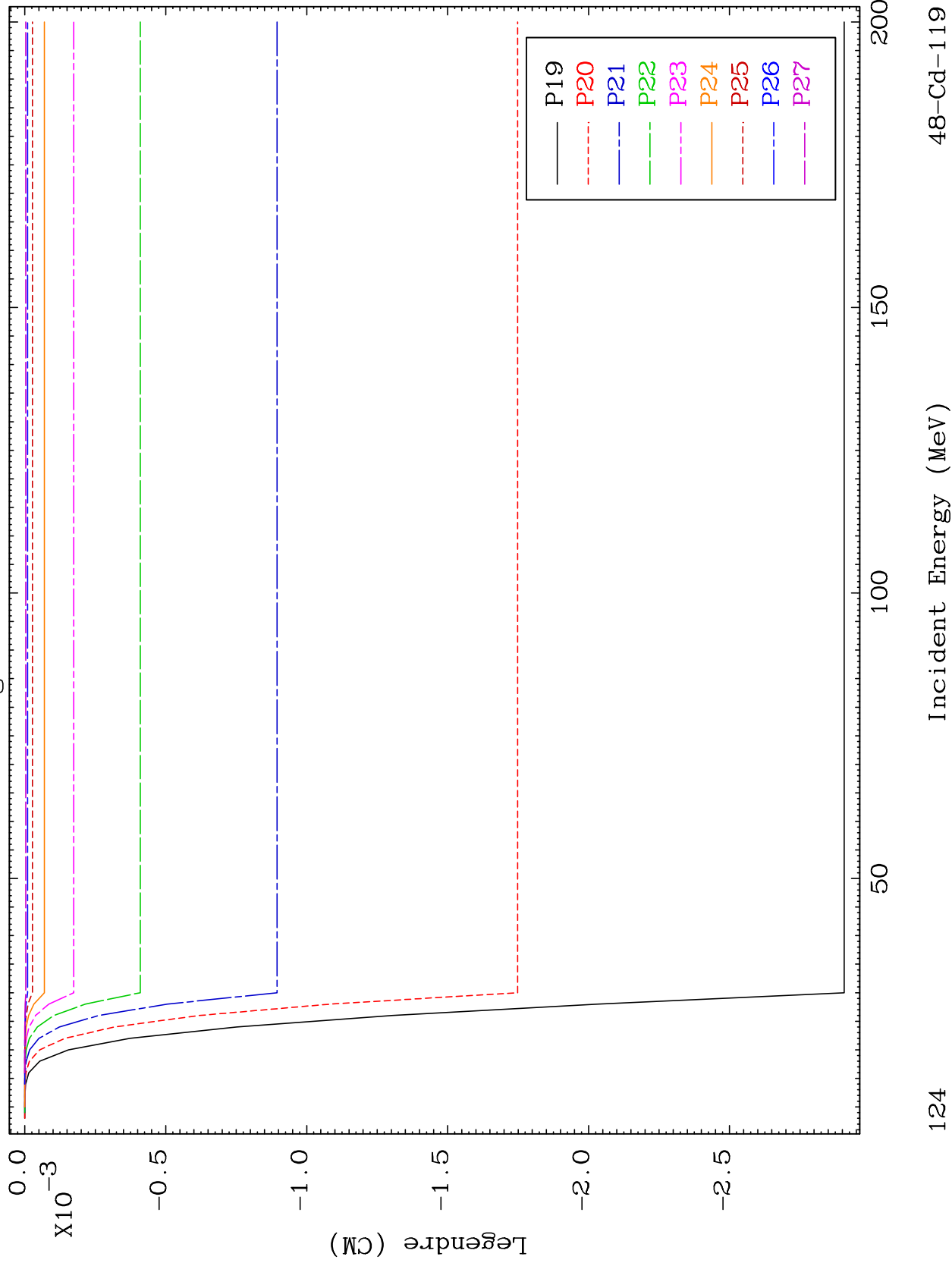
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

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



124

Incident Energy (MeV)

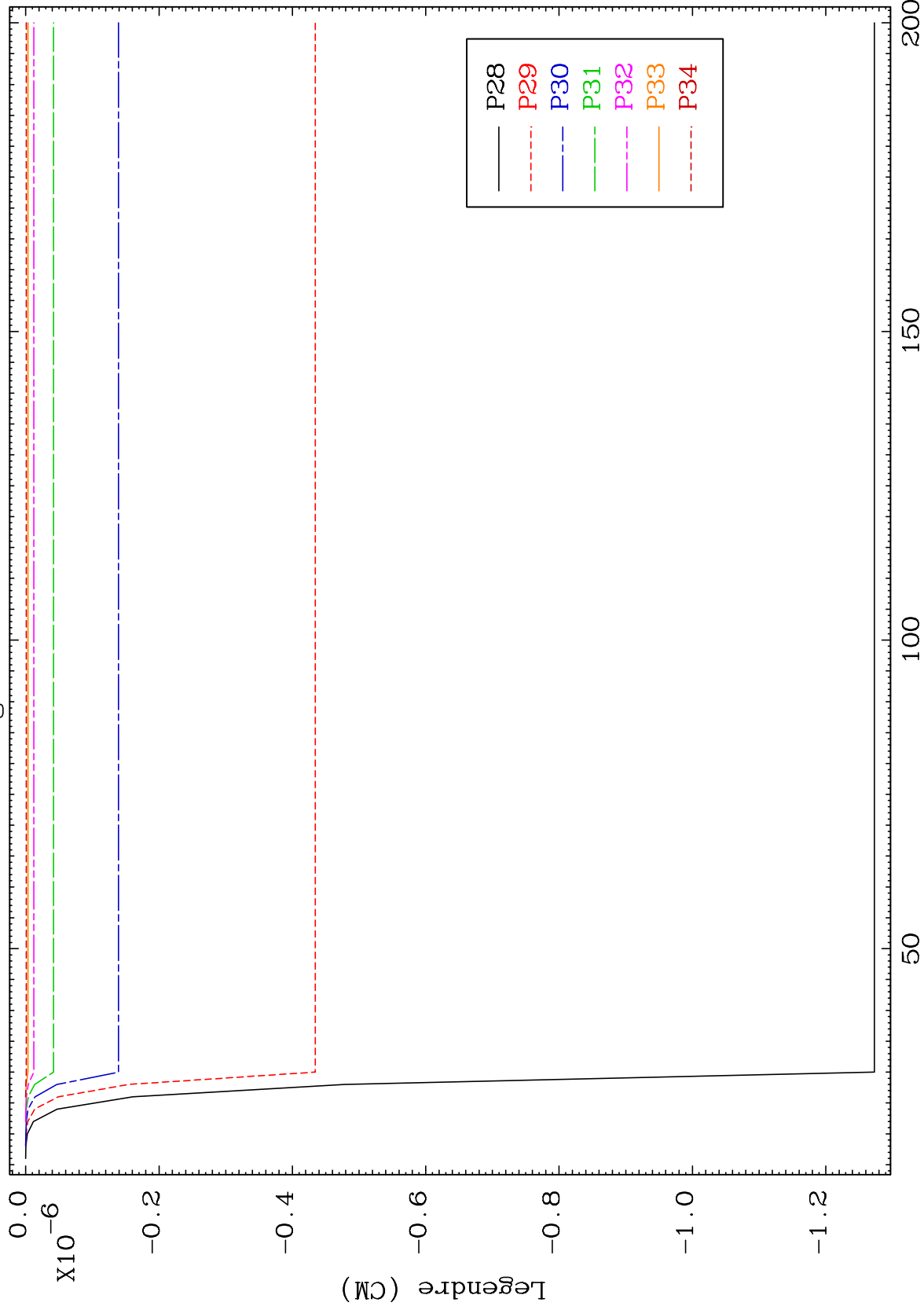
48-Cd-119

MAT 4864

MT= 77 (n,n') Level

48-Cd-119

Legendre Coefficients



125

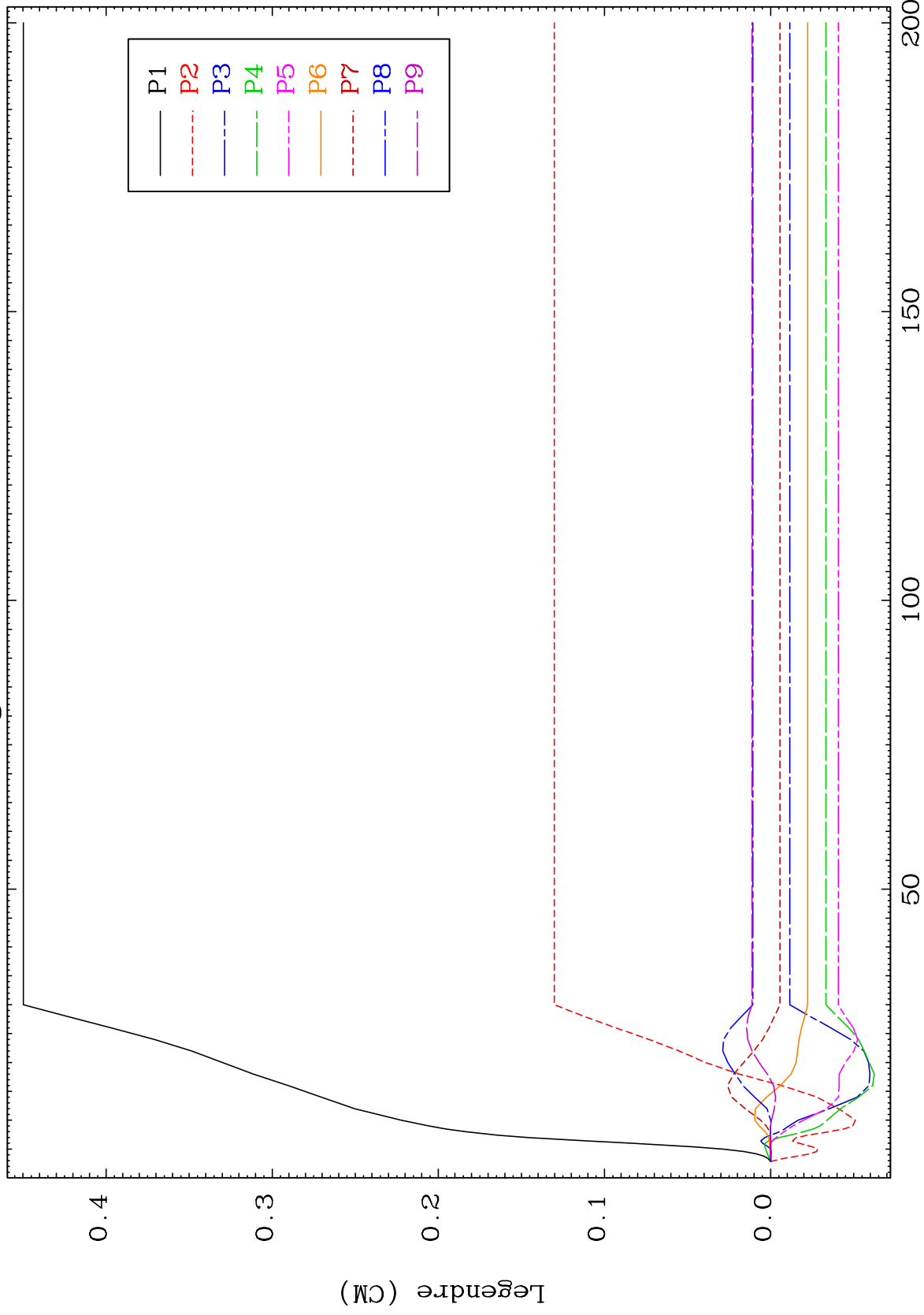
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



126

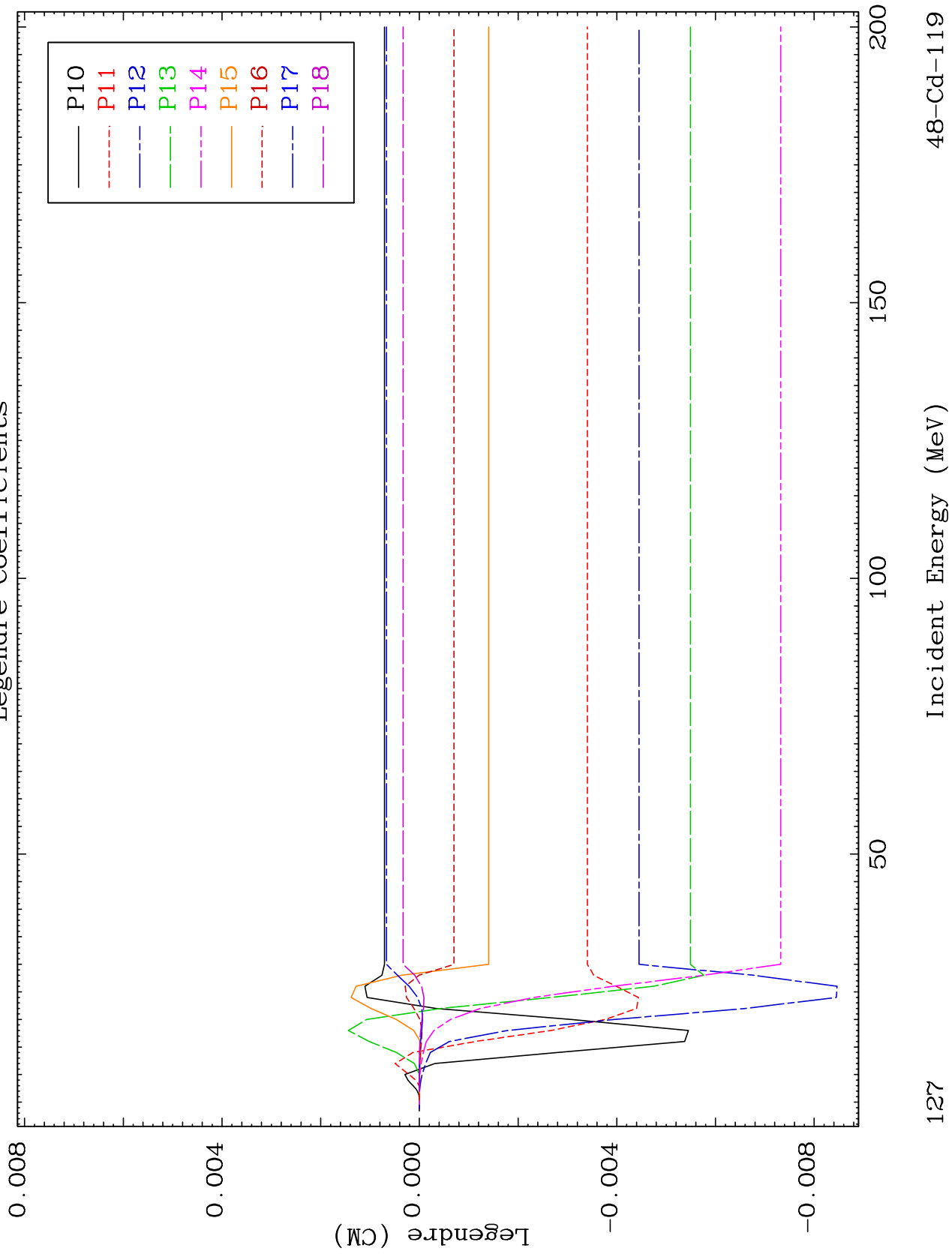
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



127

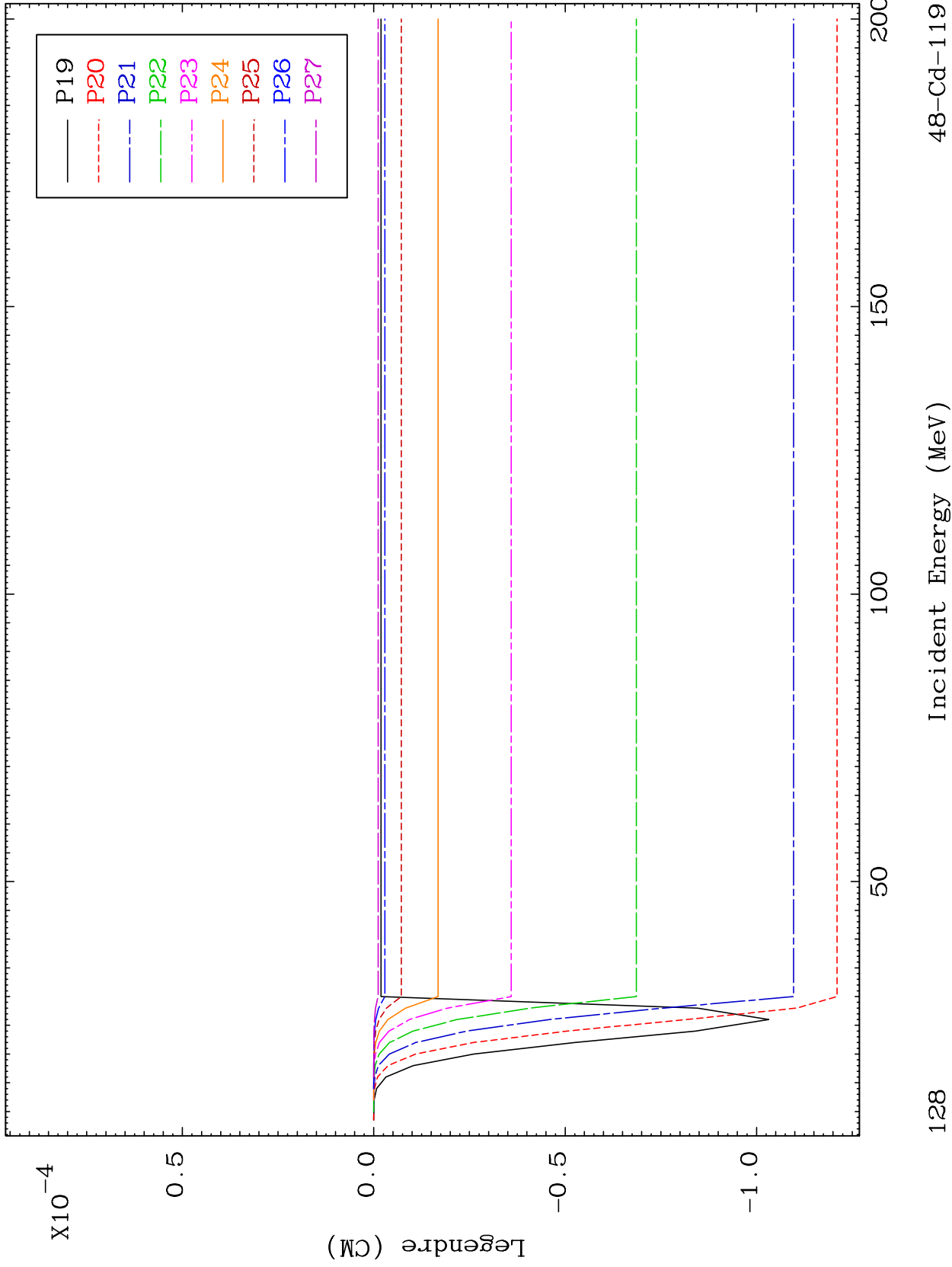
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



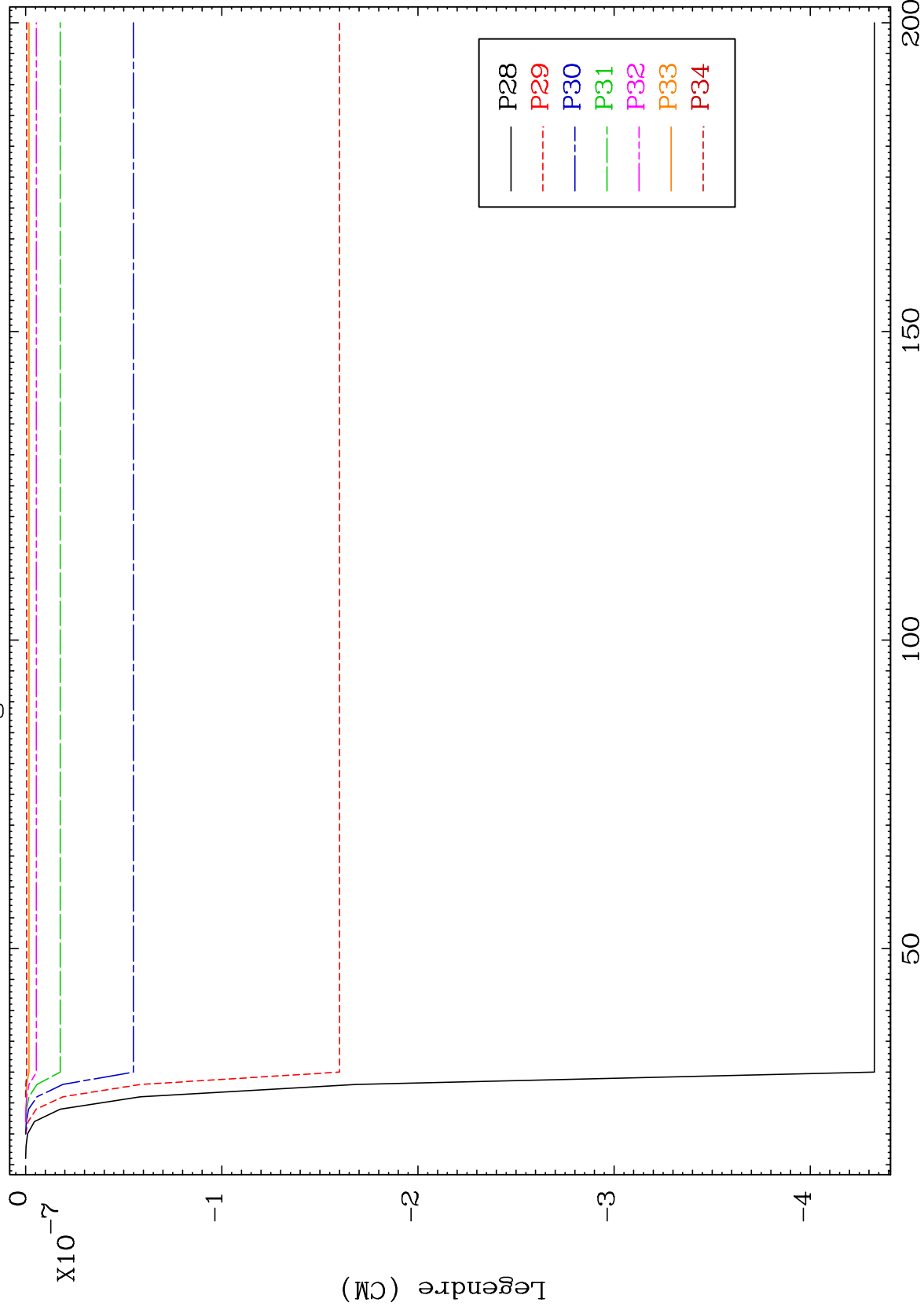
128

MAT 4864

MT= 78 (n,n') Level

48-Cd-119

Legendre Coefficients



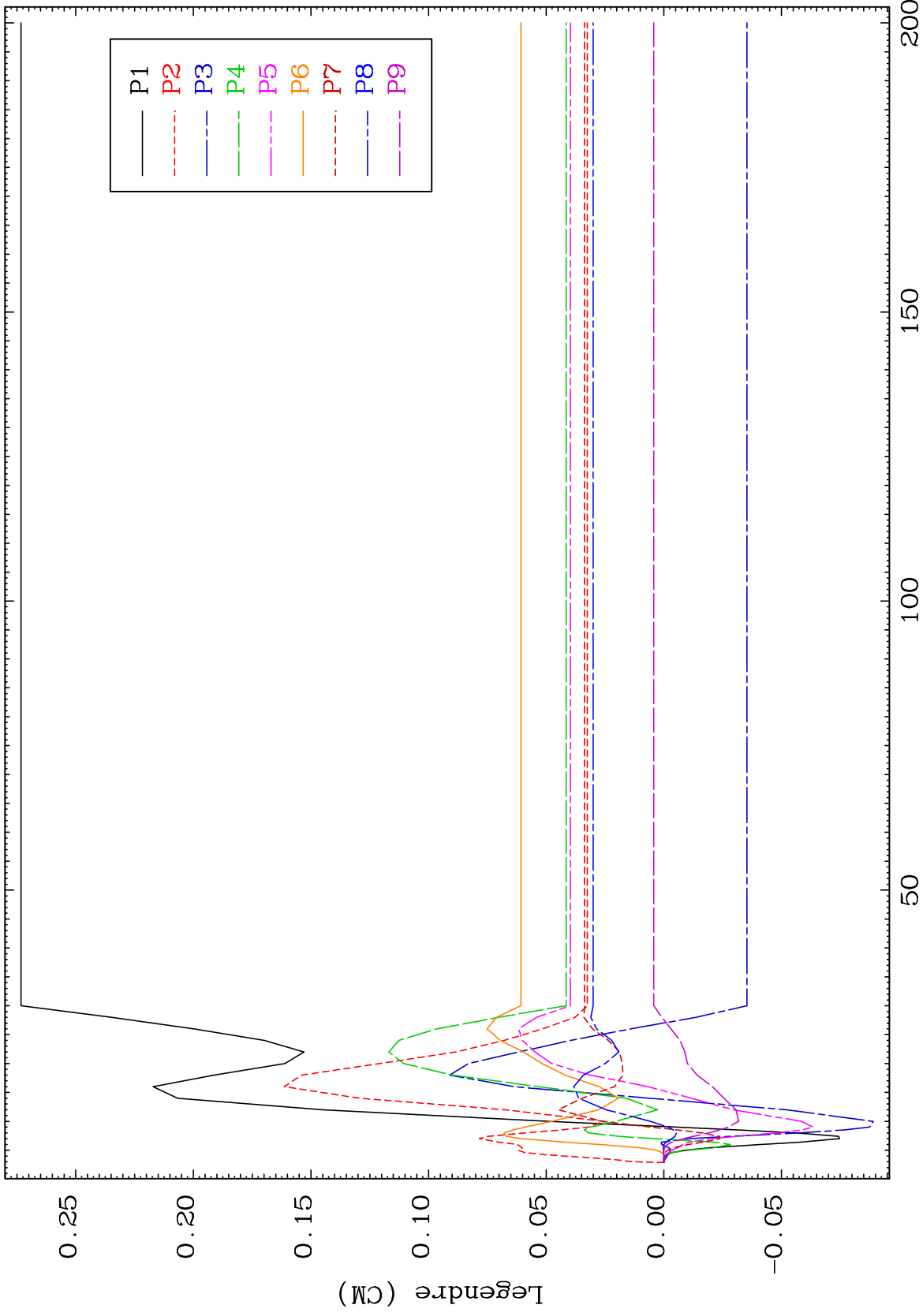
129

48-Cd-119

MAT 4864

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

48-Cd-119



130

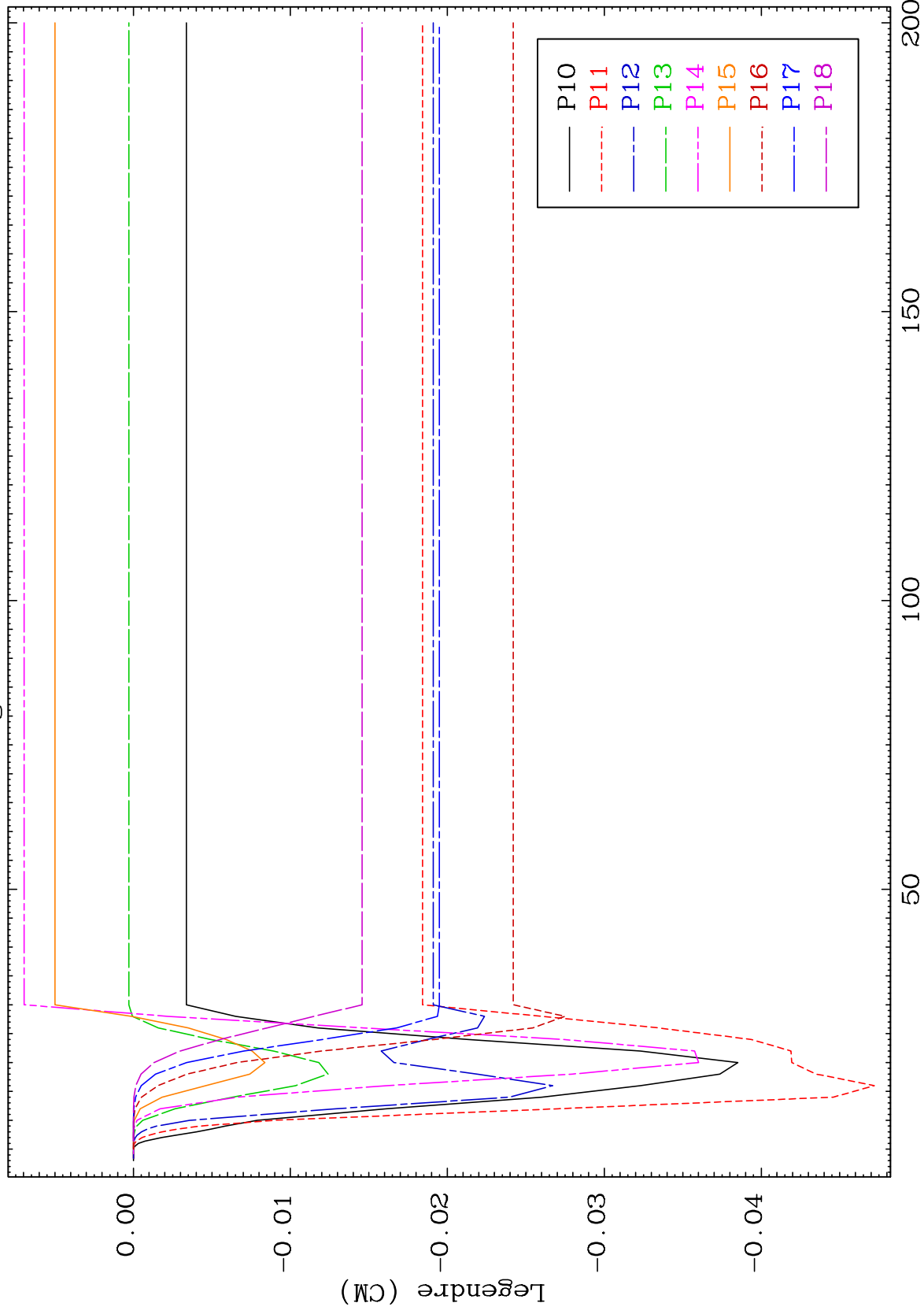
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

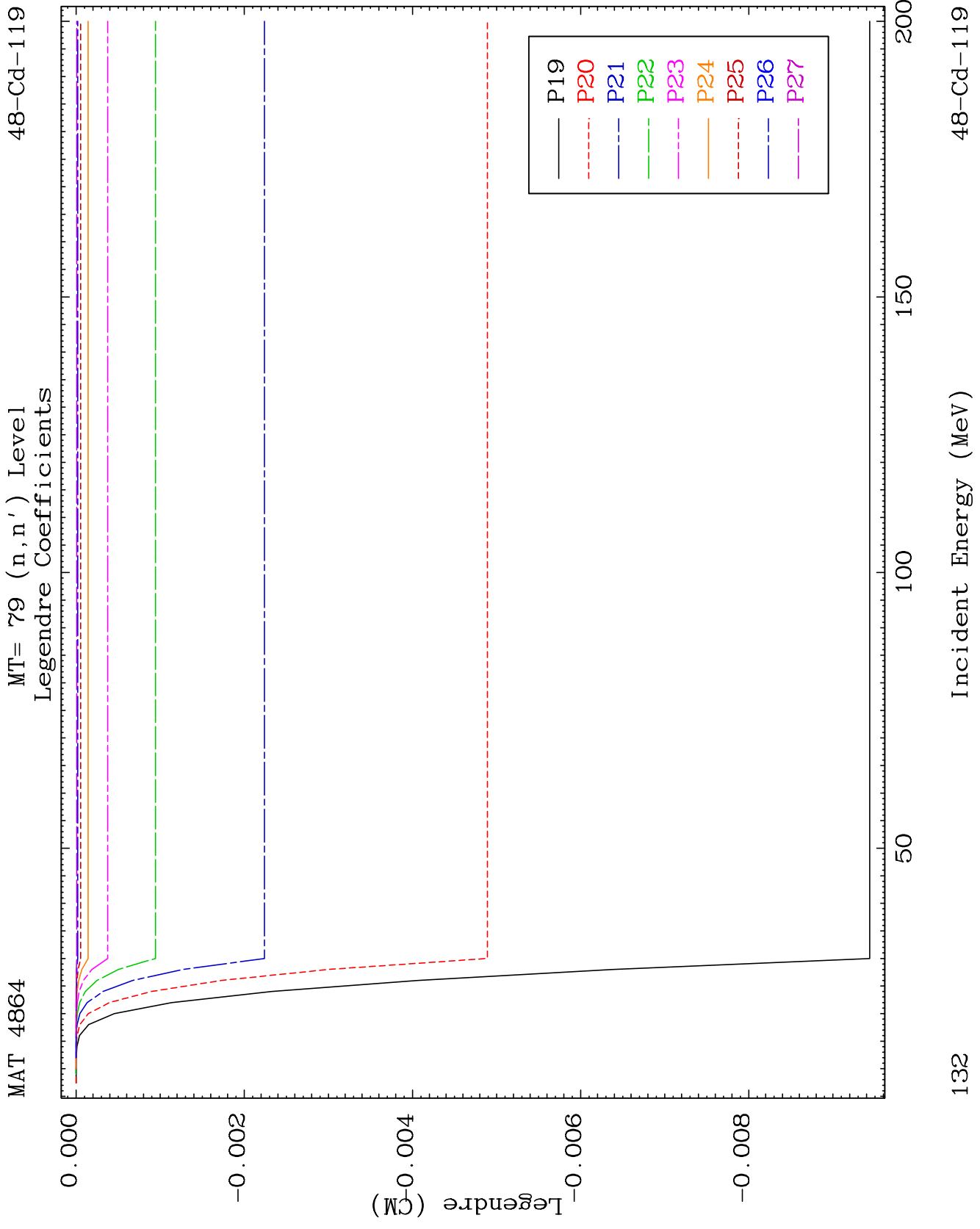
48-Cd-119

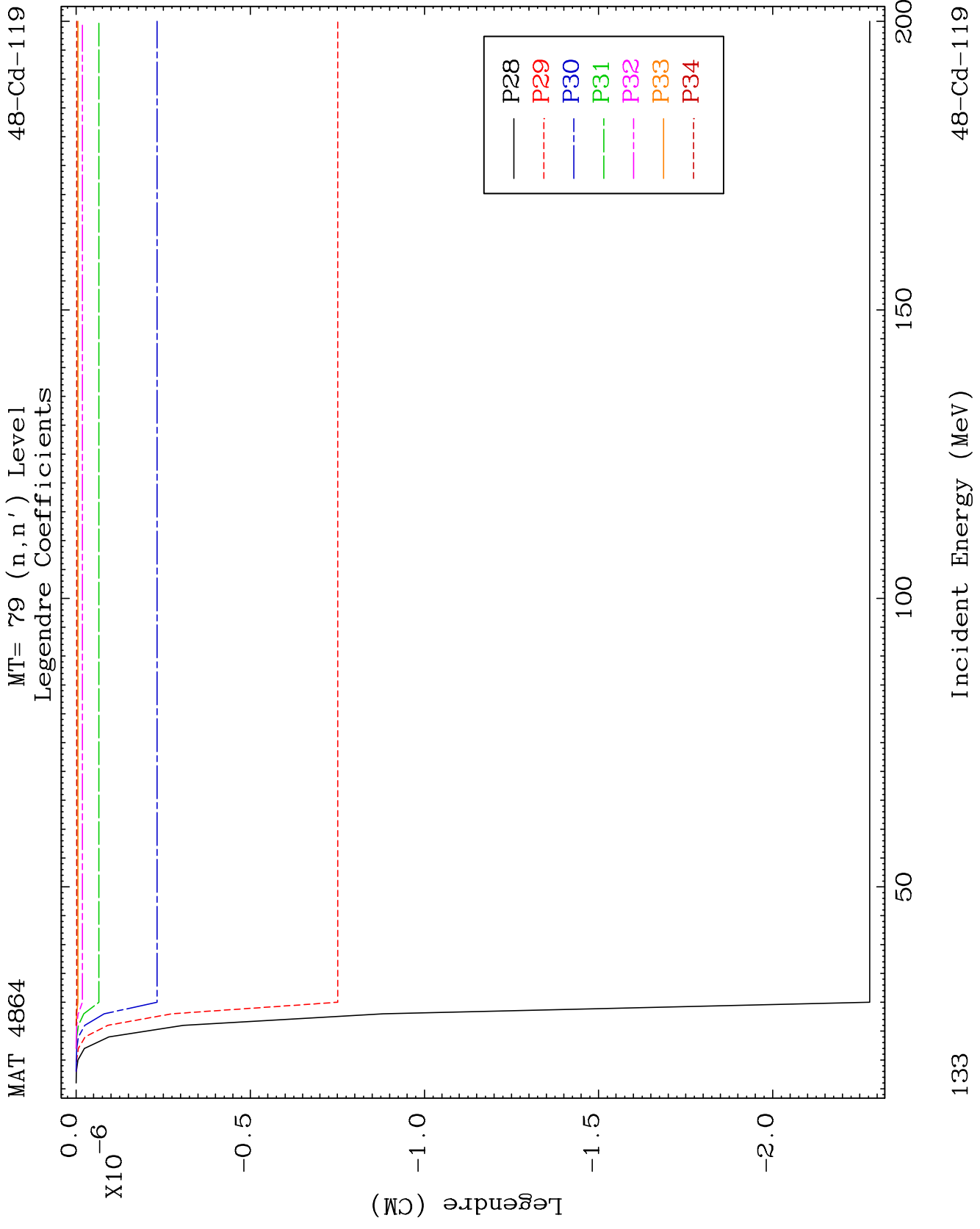


131

Incident Energy (MeV)

48-Cd-119

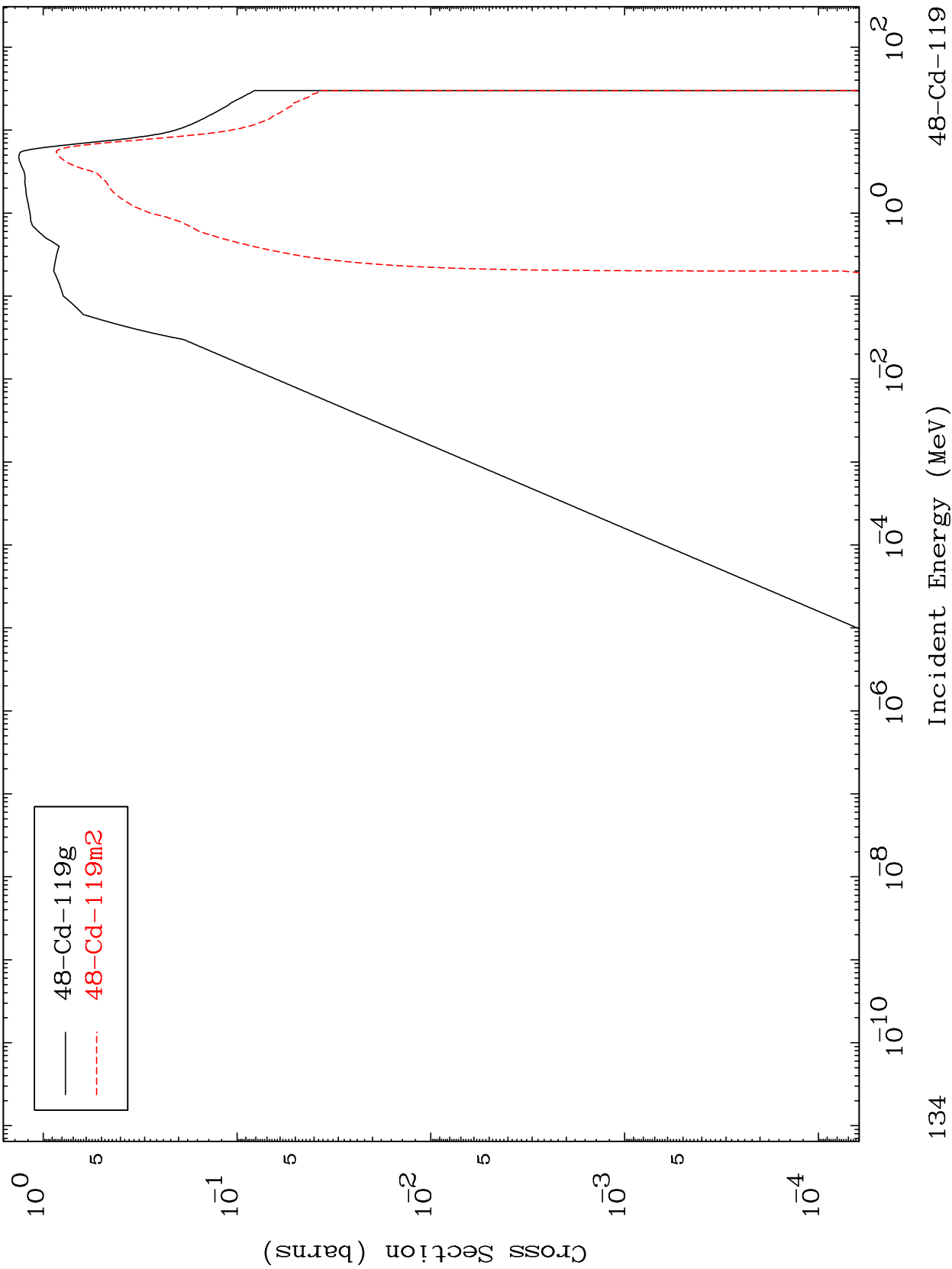




MAT 4864

48-Cd-119

Inelastic
Radionuclide Production Cross Section

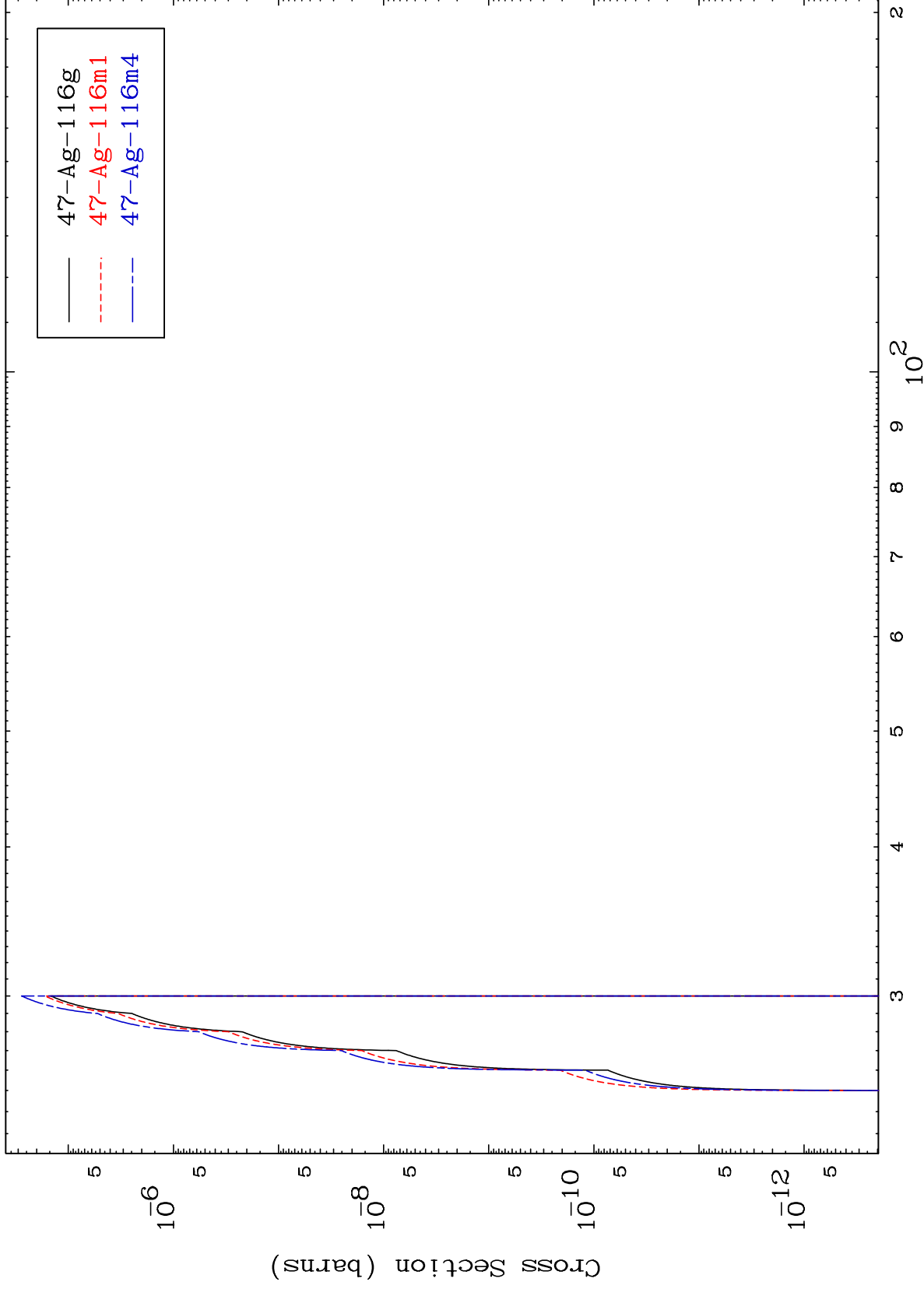


MAT 4864

(n,2n) d

48-Cd-119

Radionuclide Production Cross Section



135

Incident Energy (MeV)

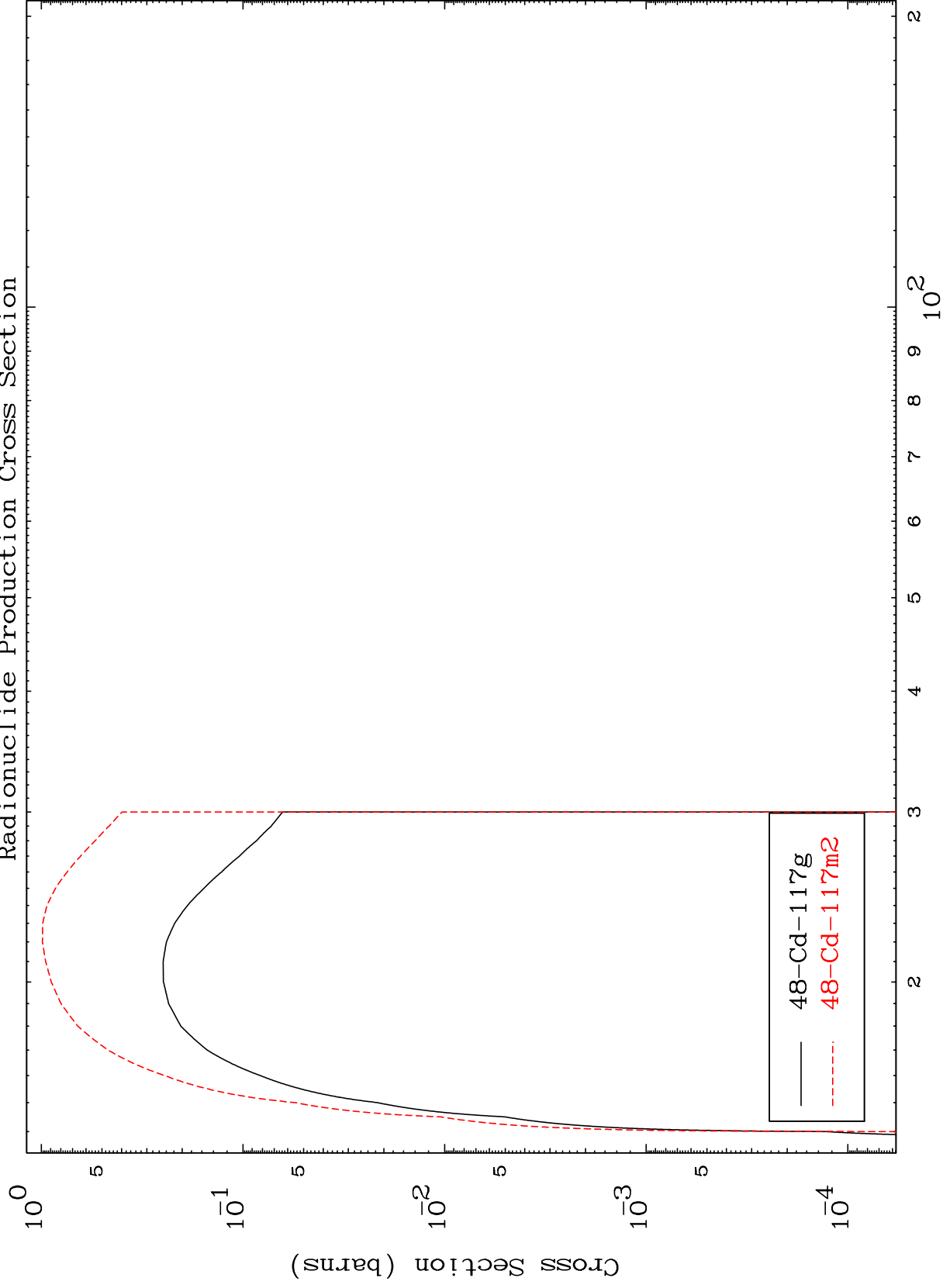
48-Cd-119

MAT 4864

(n,3n)

48-Cd-119

Radionuclide Production Cross Section



136

Incident Energy (MeV)

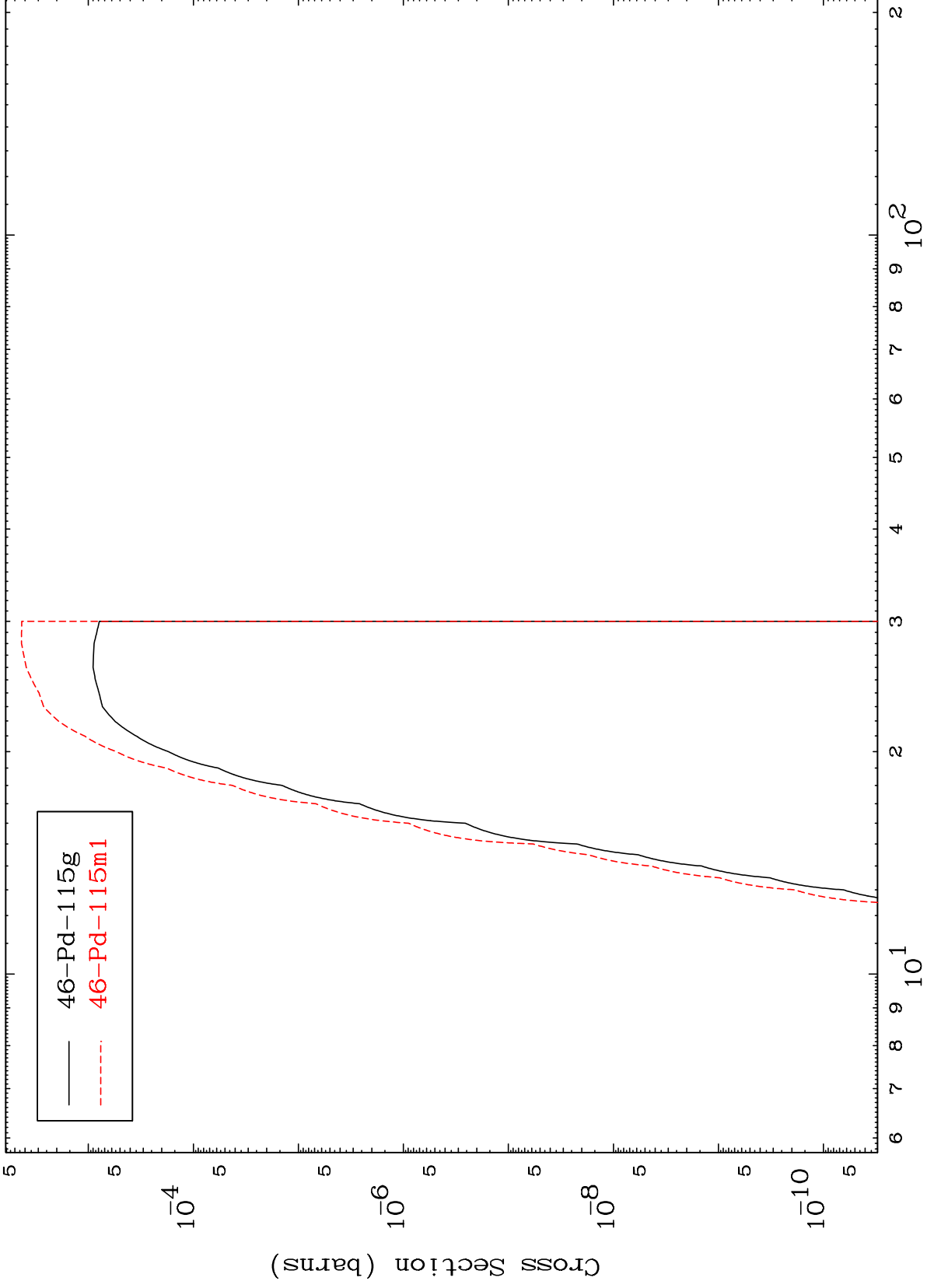
48-Cd-119

MAT 4864

(n,n') α

48-Cd-119

Radionuclide Production Cross Section



137

Incident Energy (MeV)

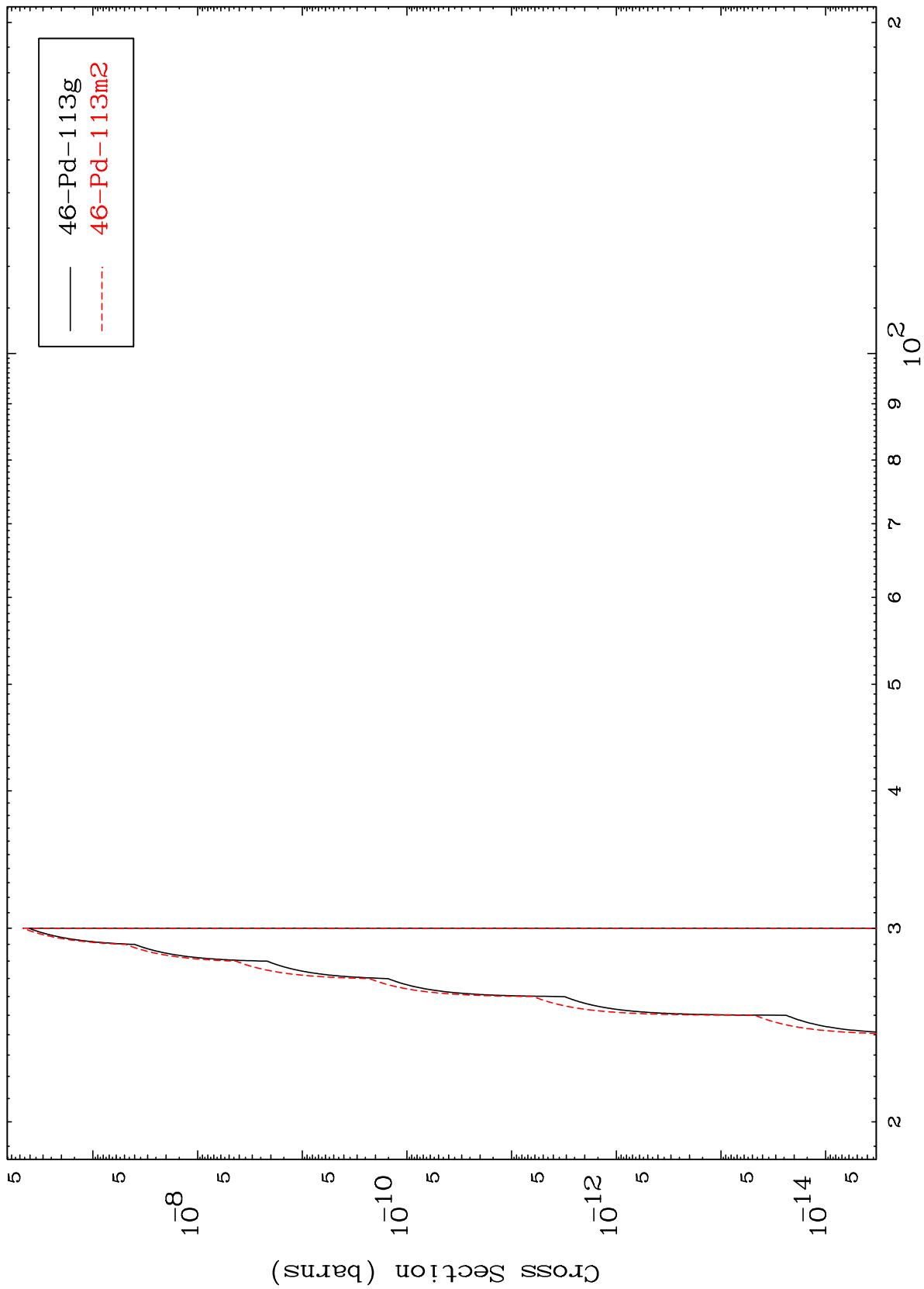
48-Cd-119

MAT 4864

(n,3n) α

48-Cd-119

Radionuclide Production Cross Section



138

Incident Energy (MeV)

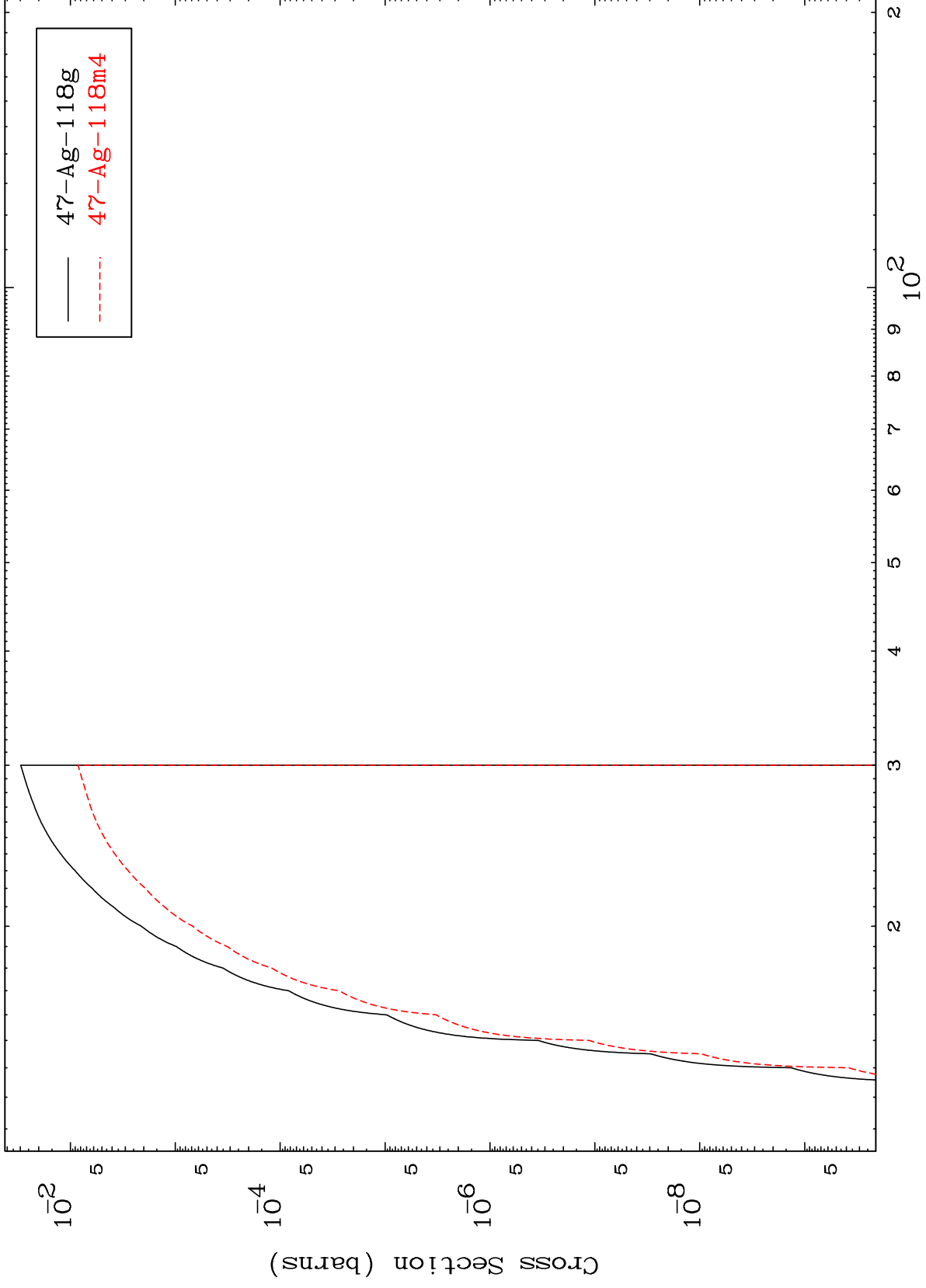
48-Cd-119

MAT 4864

(n,n') p

48-Cd-119

Radionuclide Production Cross Section



139

Incident Energy (MeV)

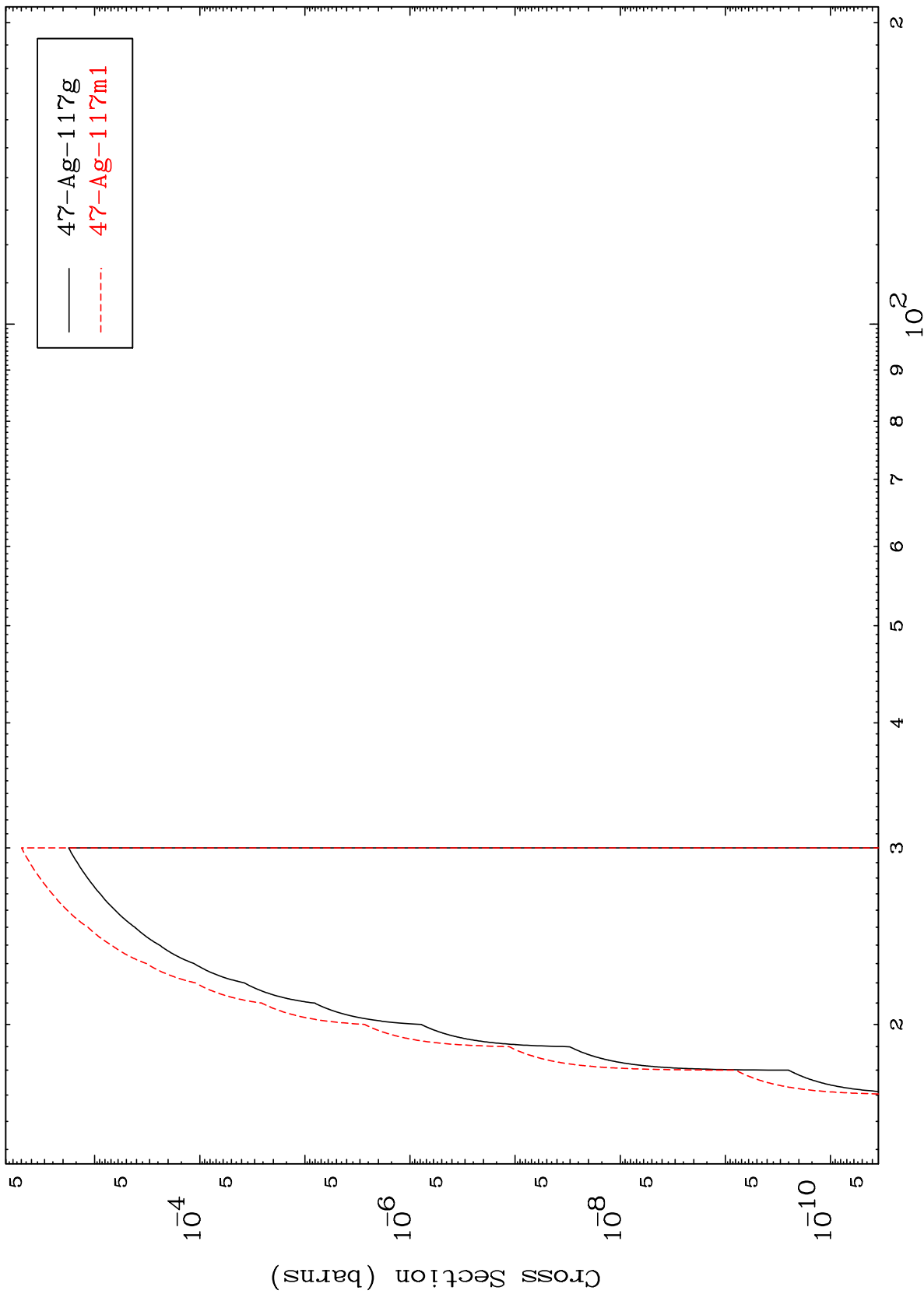
48-Cd-119

MAT 4864

(n,n') d

48-Cd-119

Radionuclide Production Cross Section



140

Incident Energy (MeV)

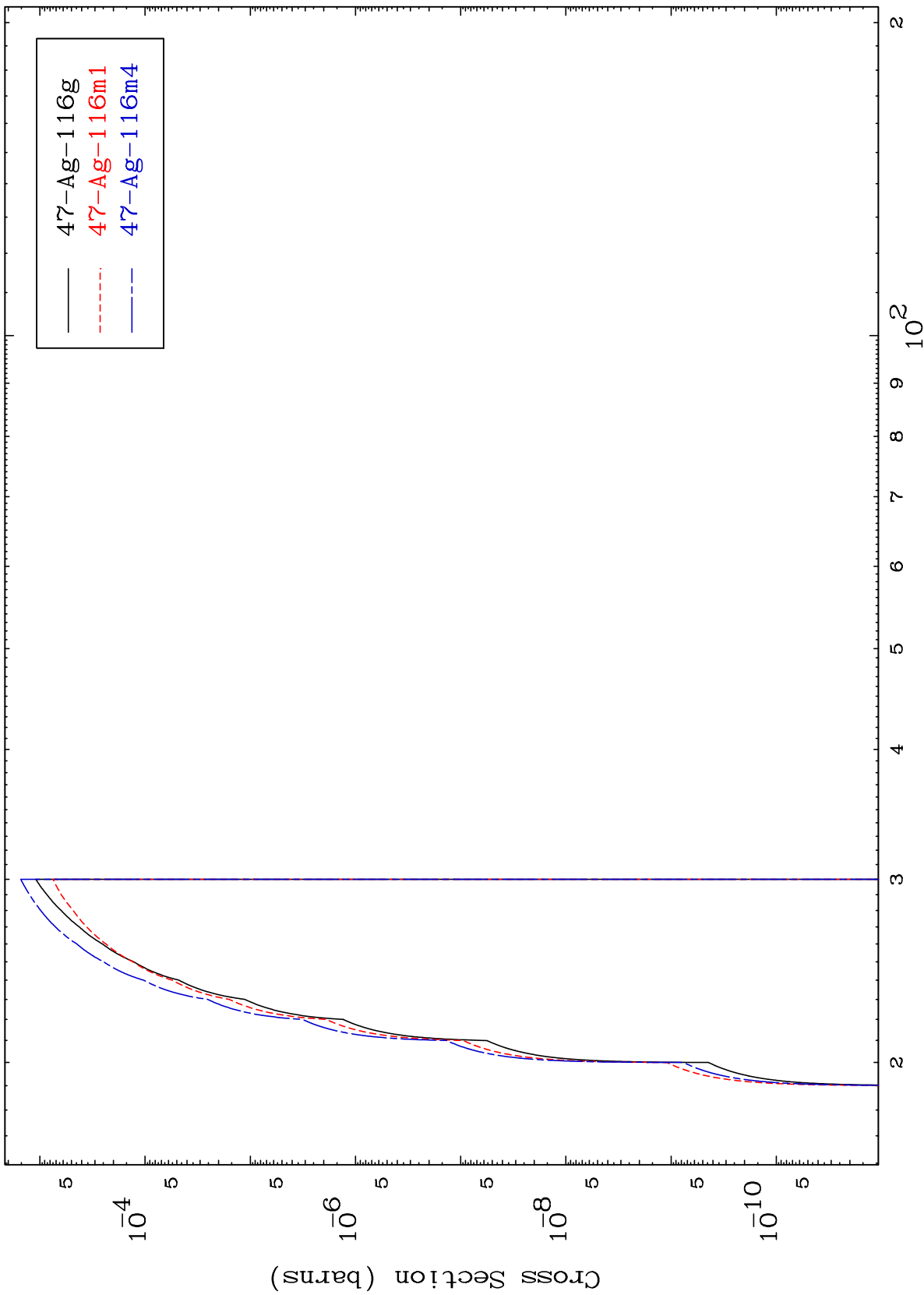
48-Cd-119

MAT 4864

(n,n') t

48-Cd-119

Radionuclide Production Cross Section



141

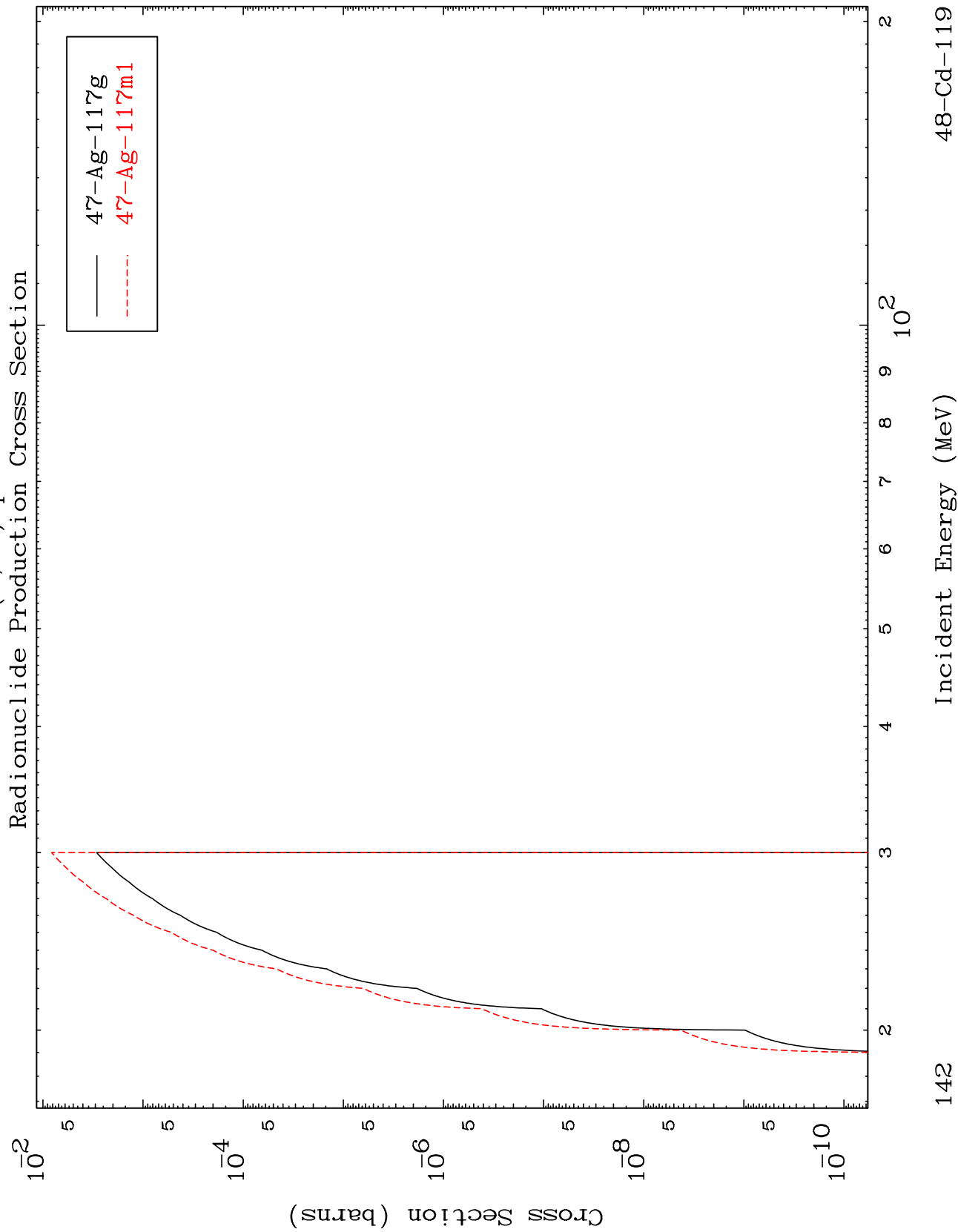
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,2n) p

48-Cd-119



142

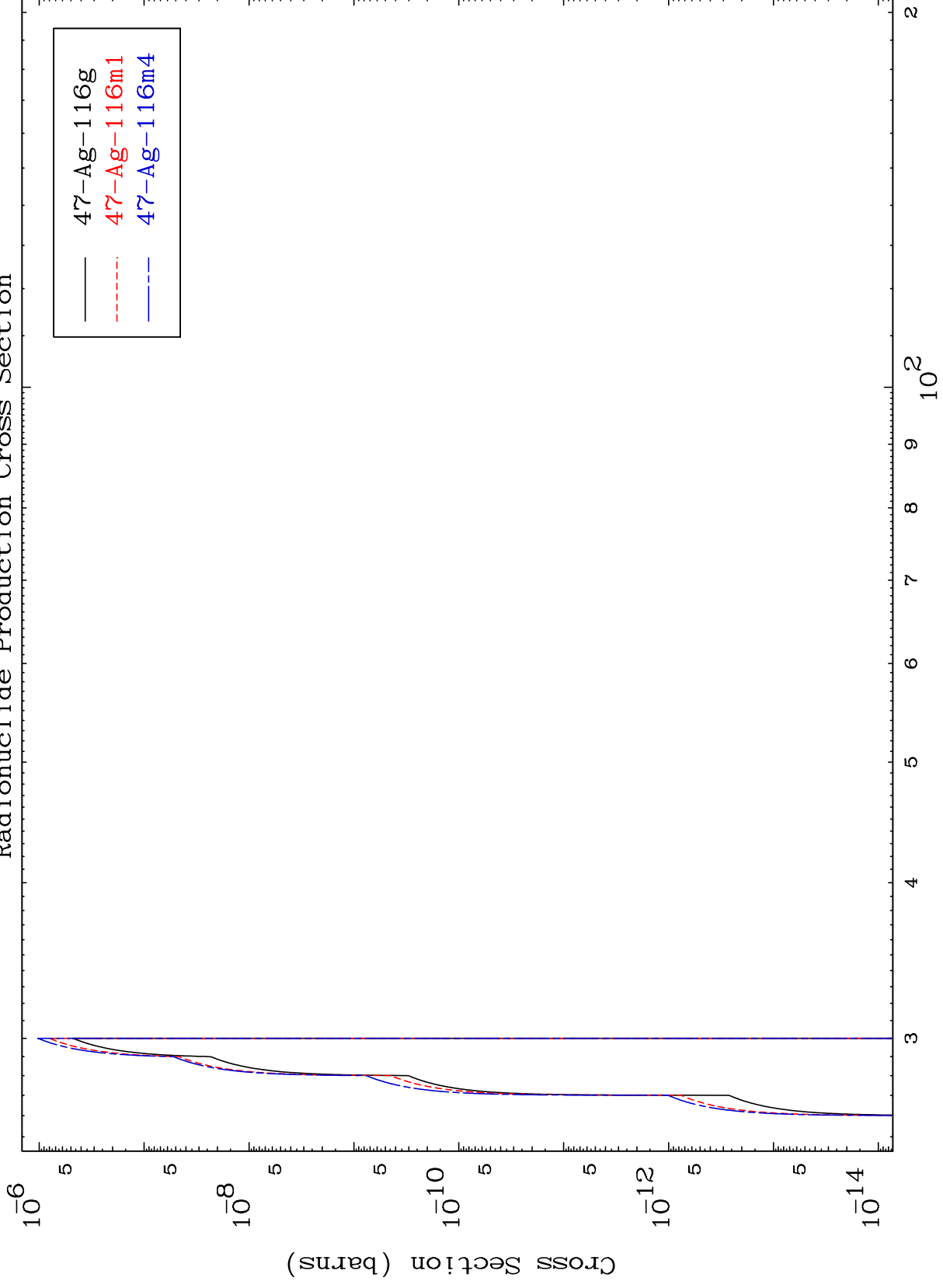
48-Cd-119

MAT 4864

(n,3n) p

48-Cd-119

Radionuclide Production Cross Section



143

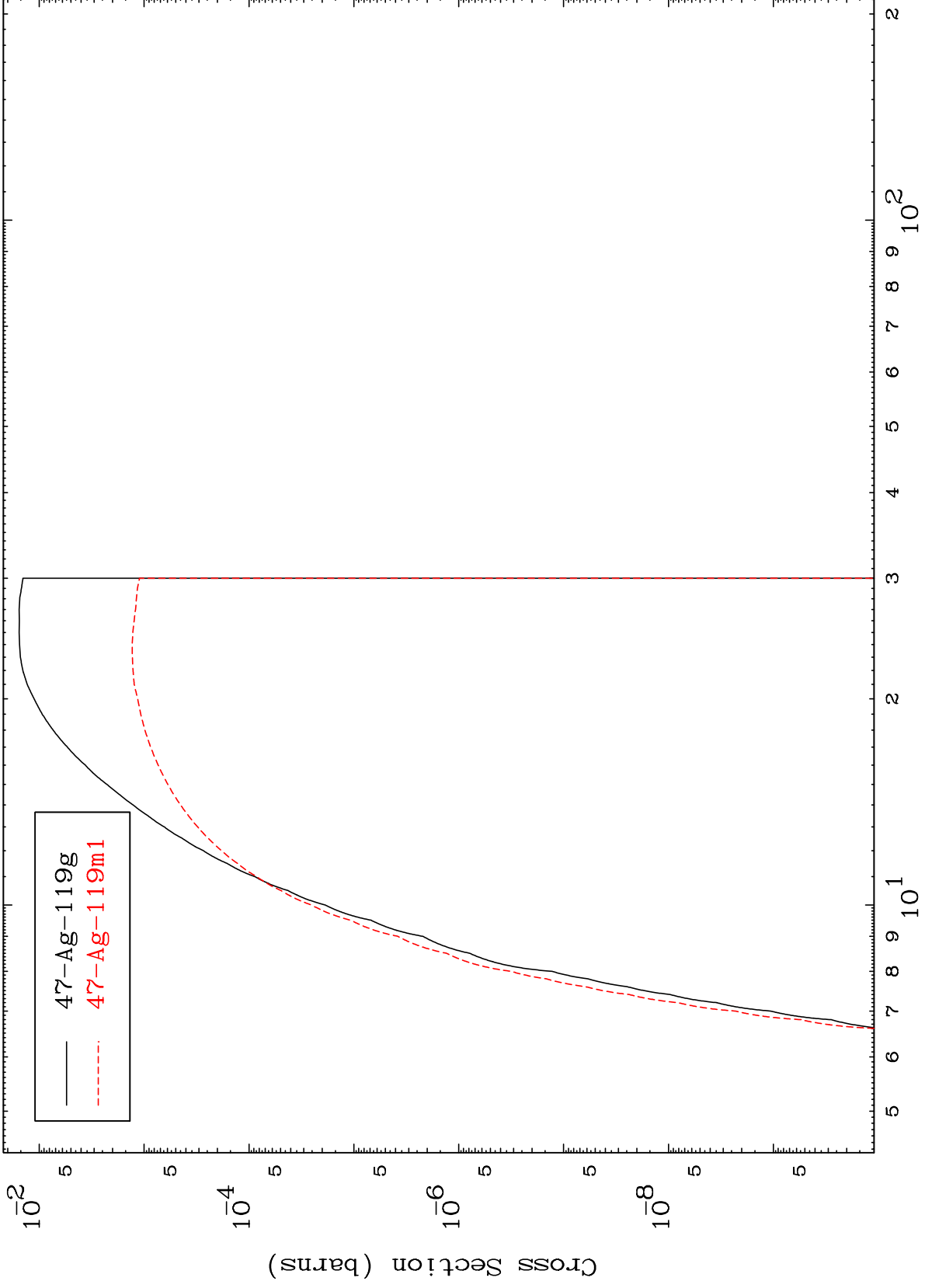
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

Radionuclide Production Cross Section (n,p)



144

Incident Energy (MeV)

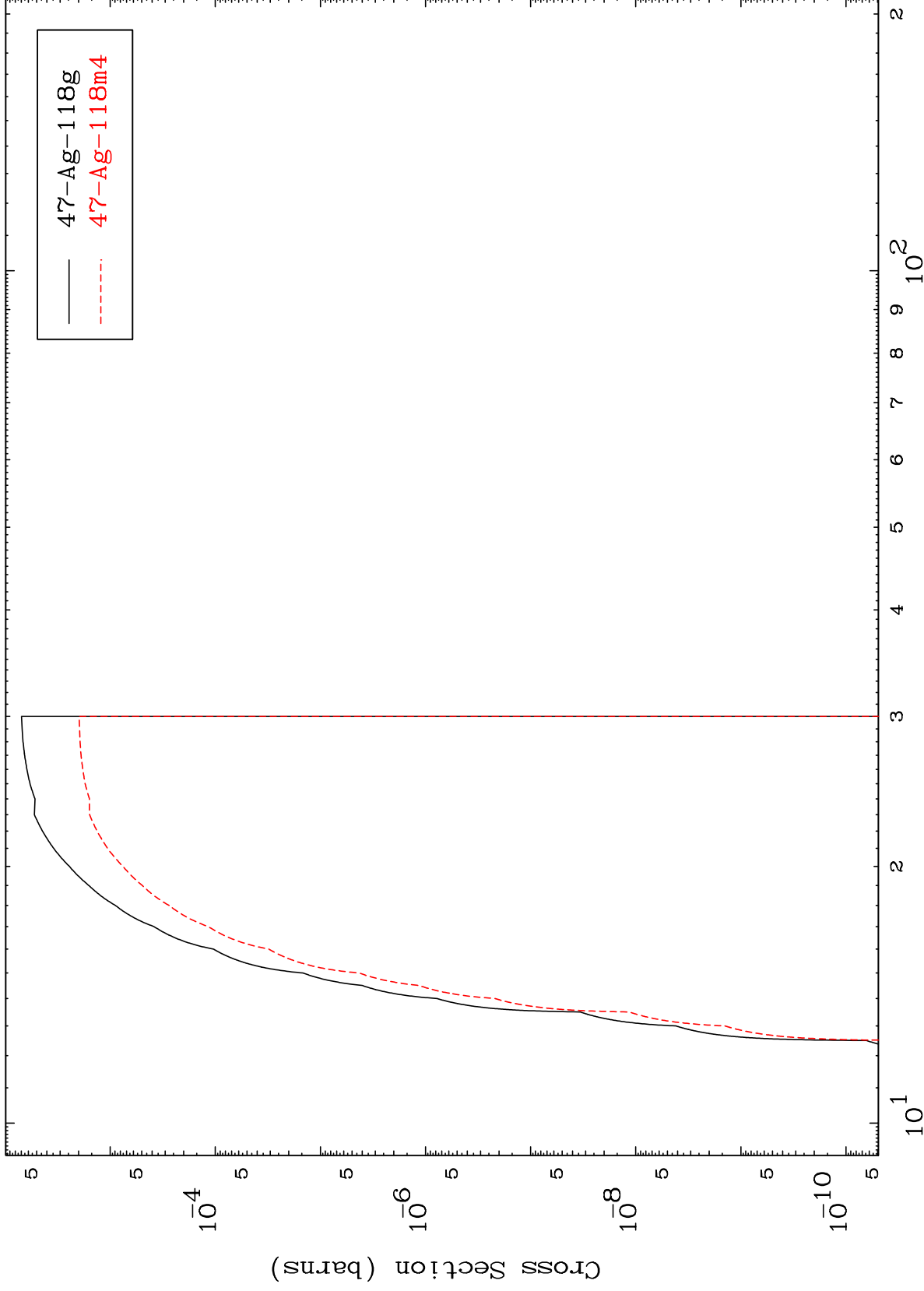
48-Cd-119

MAT 4864

(n,d)

48-Cd-119

Radionuclide Production Cross Section



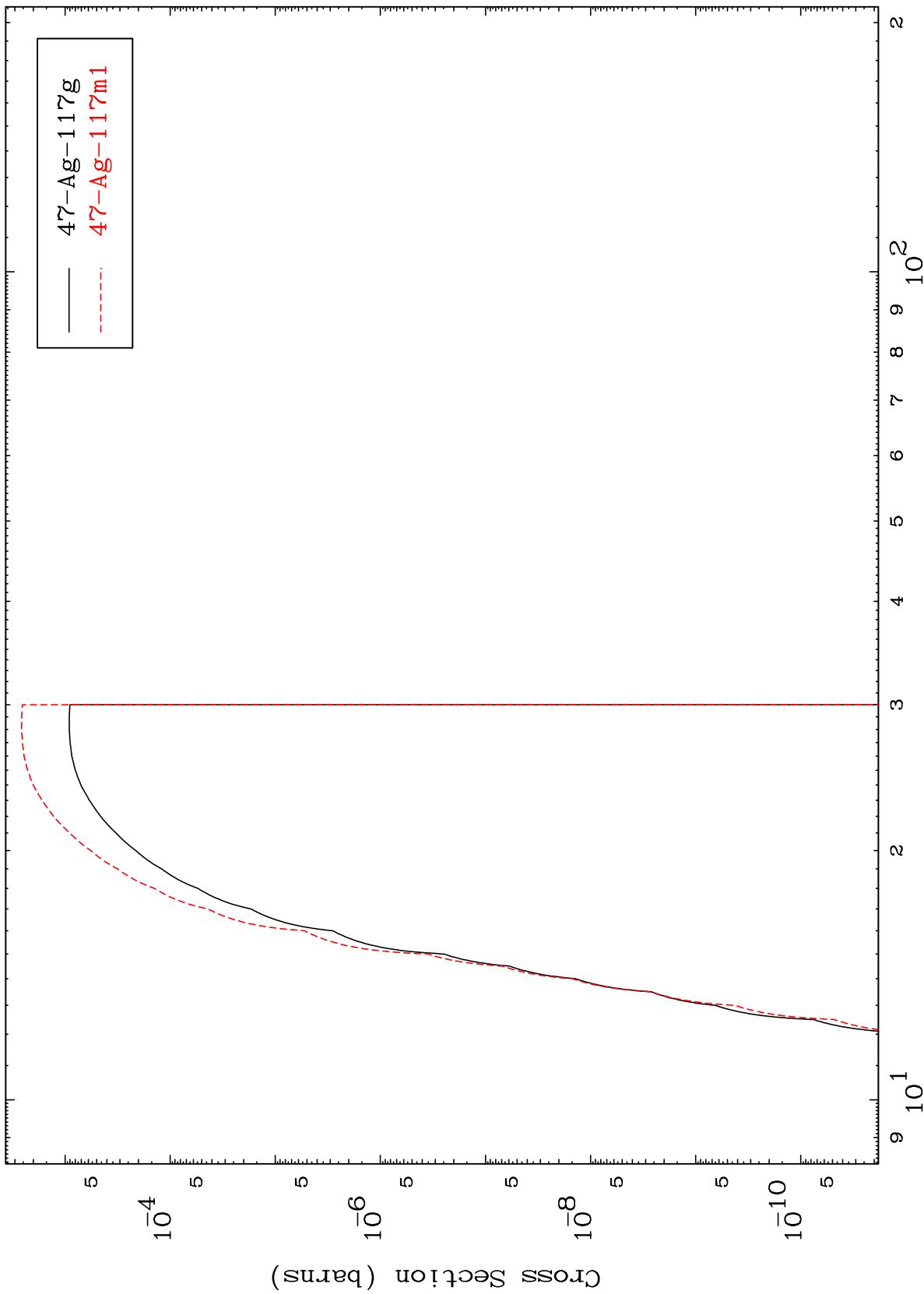
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n, t)
Radionuclide Production Cross Section



48-Cd-119

Incident Energy (MeV)

146