

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

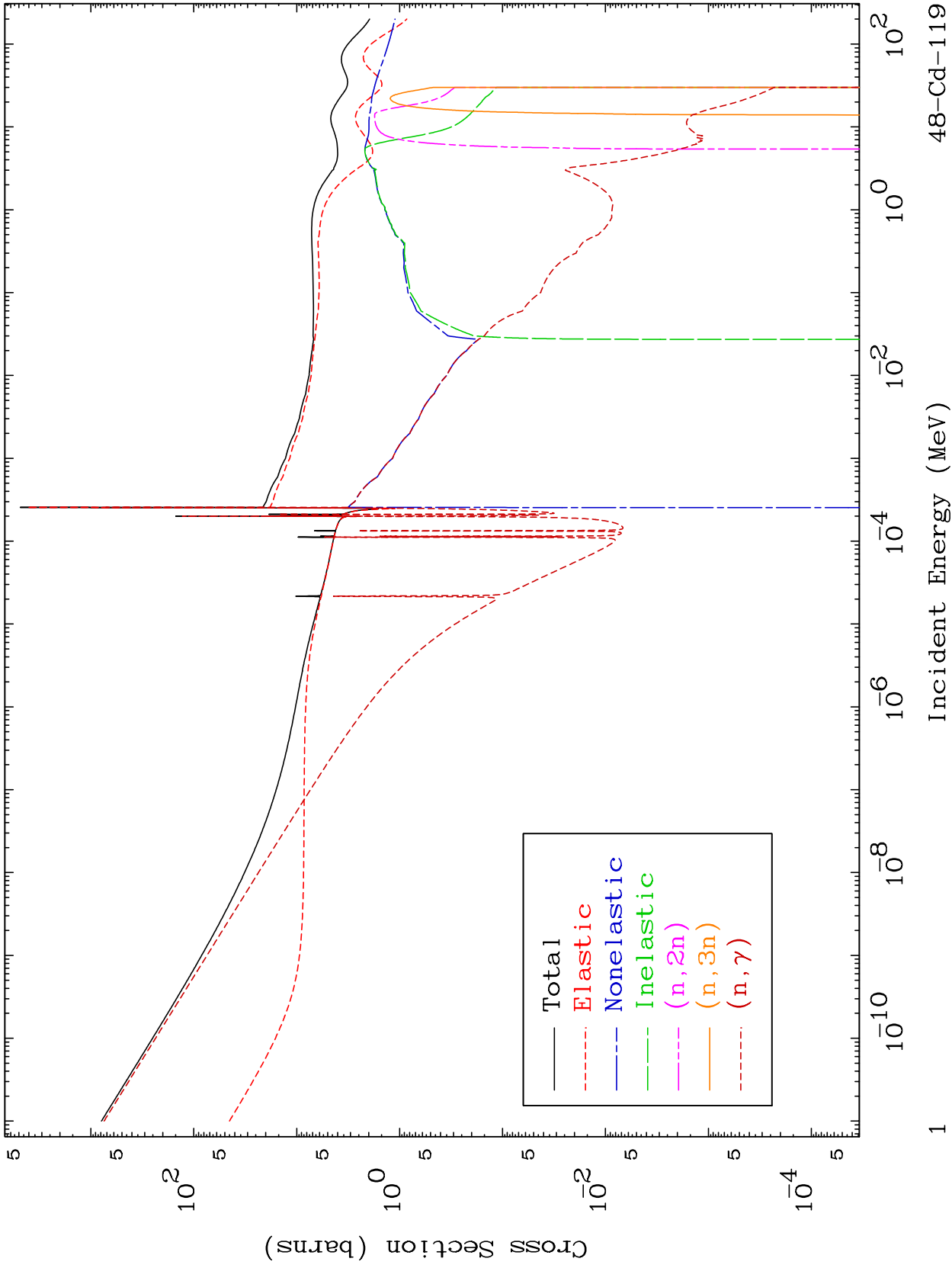
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4864

Neutron Major
293 Kelvin Cross Sections

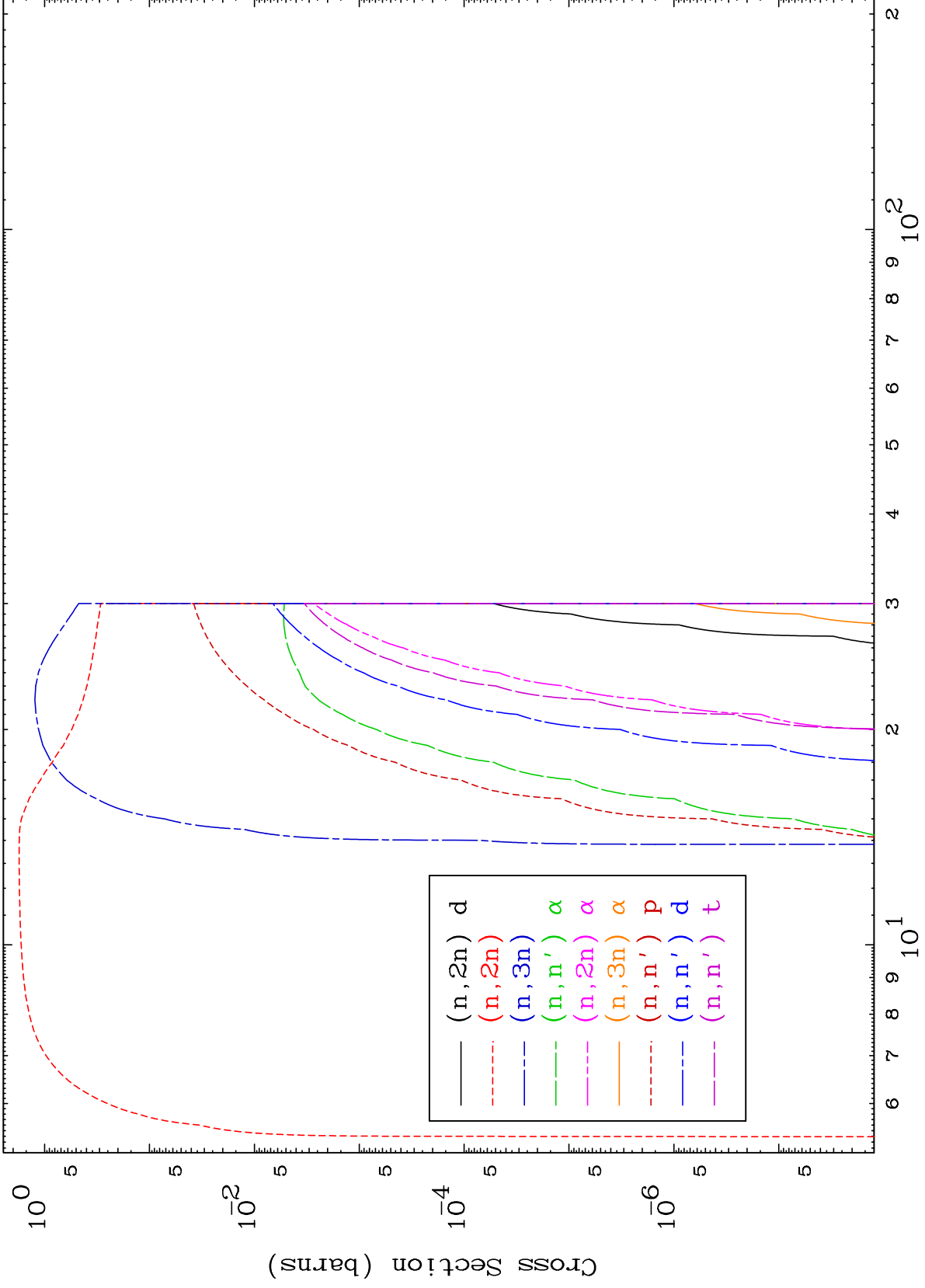
48-Cd-119



MAT 4864

Neutron Absorption
293 Kelvin Cross Sections

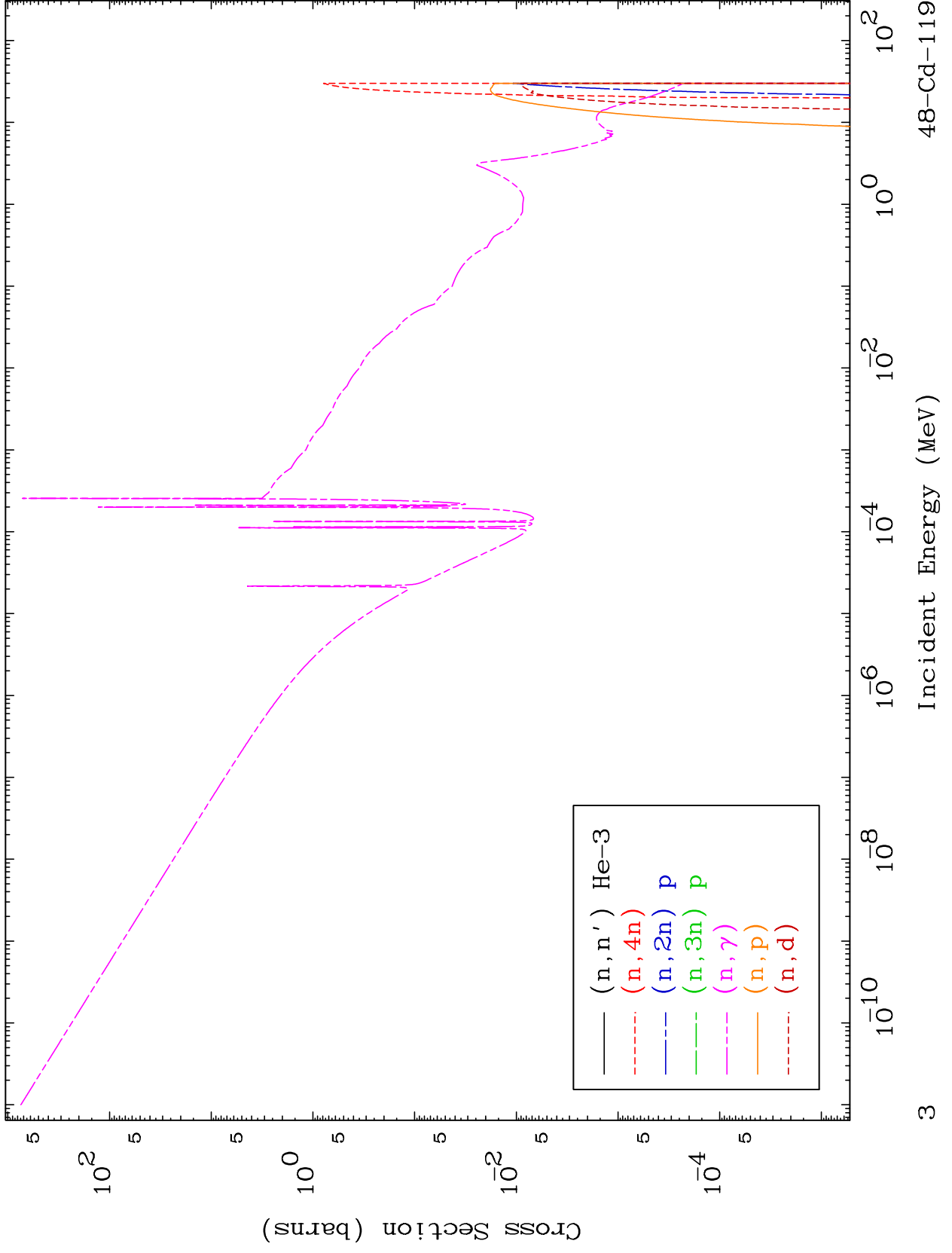
48-Cd-119



MAT 4864

Neutron Absorption
293 Kelvin Cross Sections

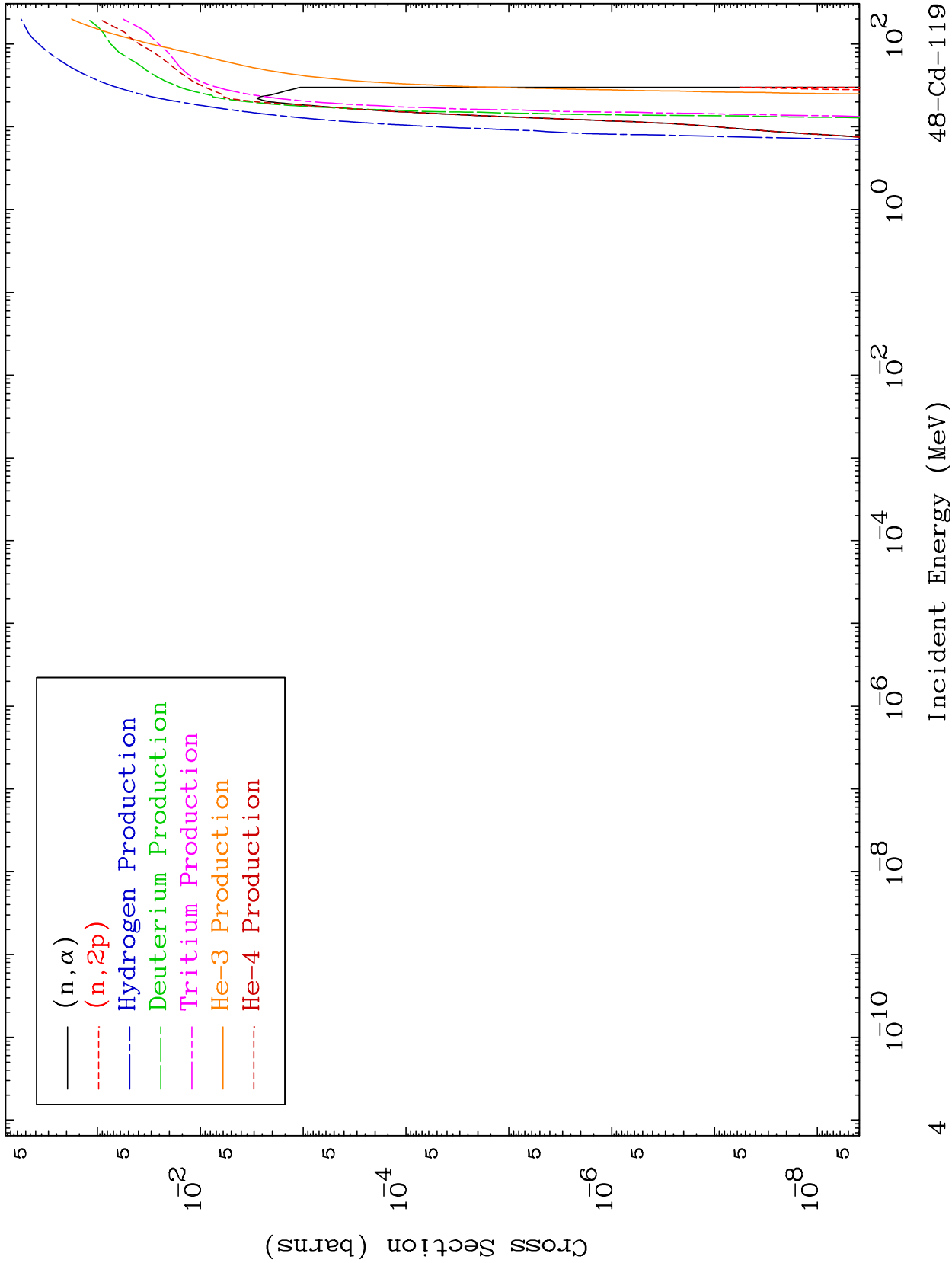
48-Cd-119

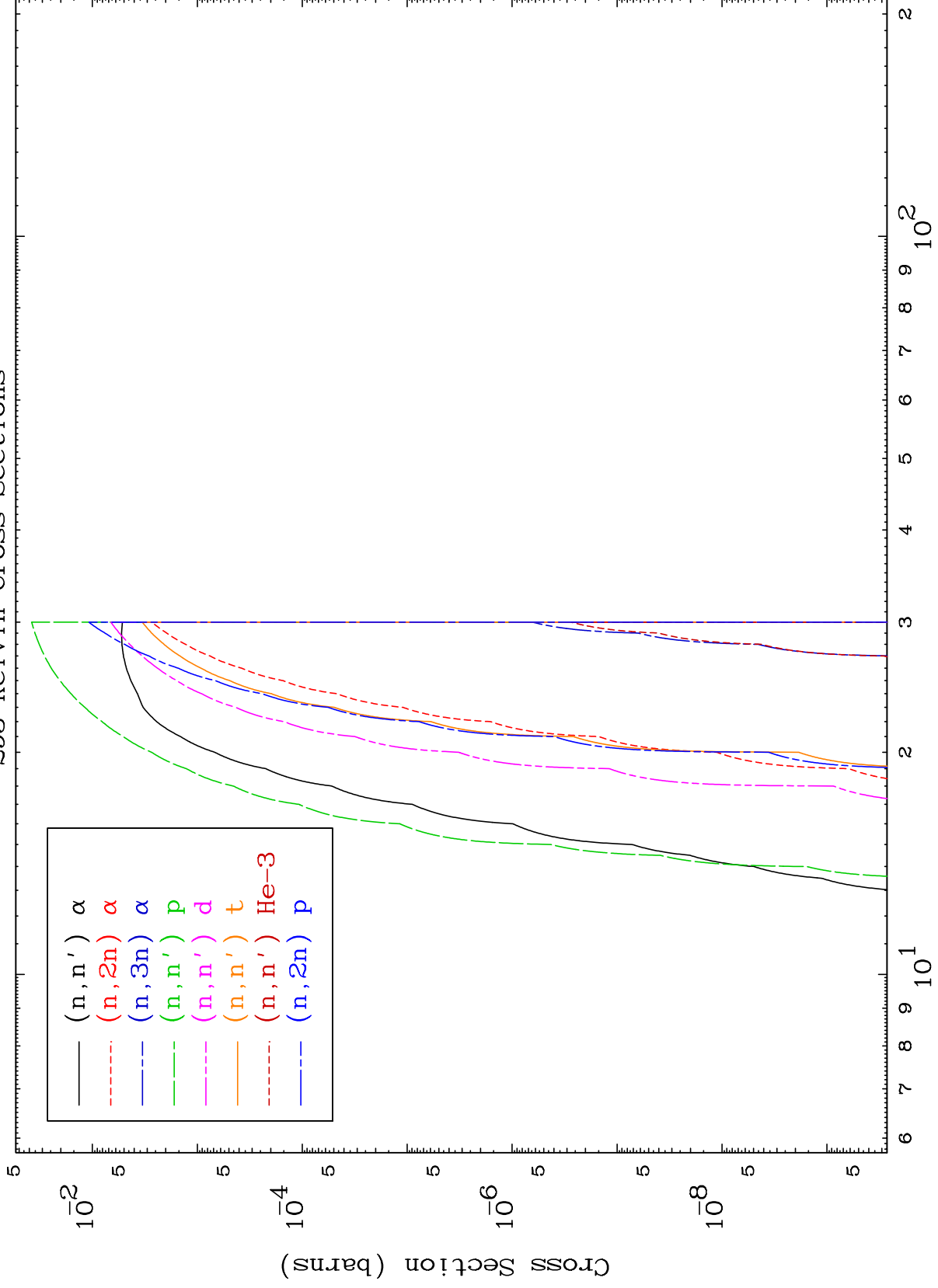


MAT 4864

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-119

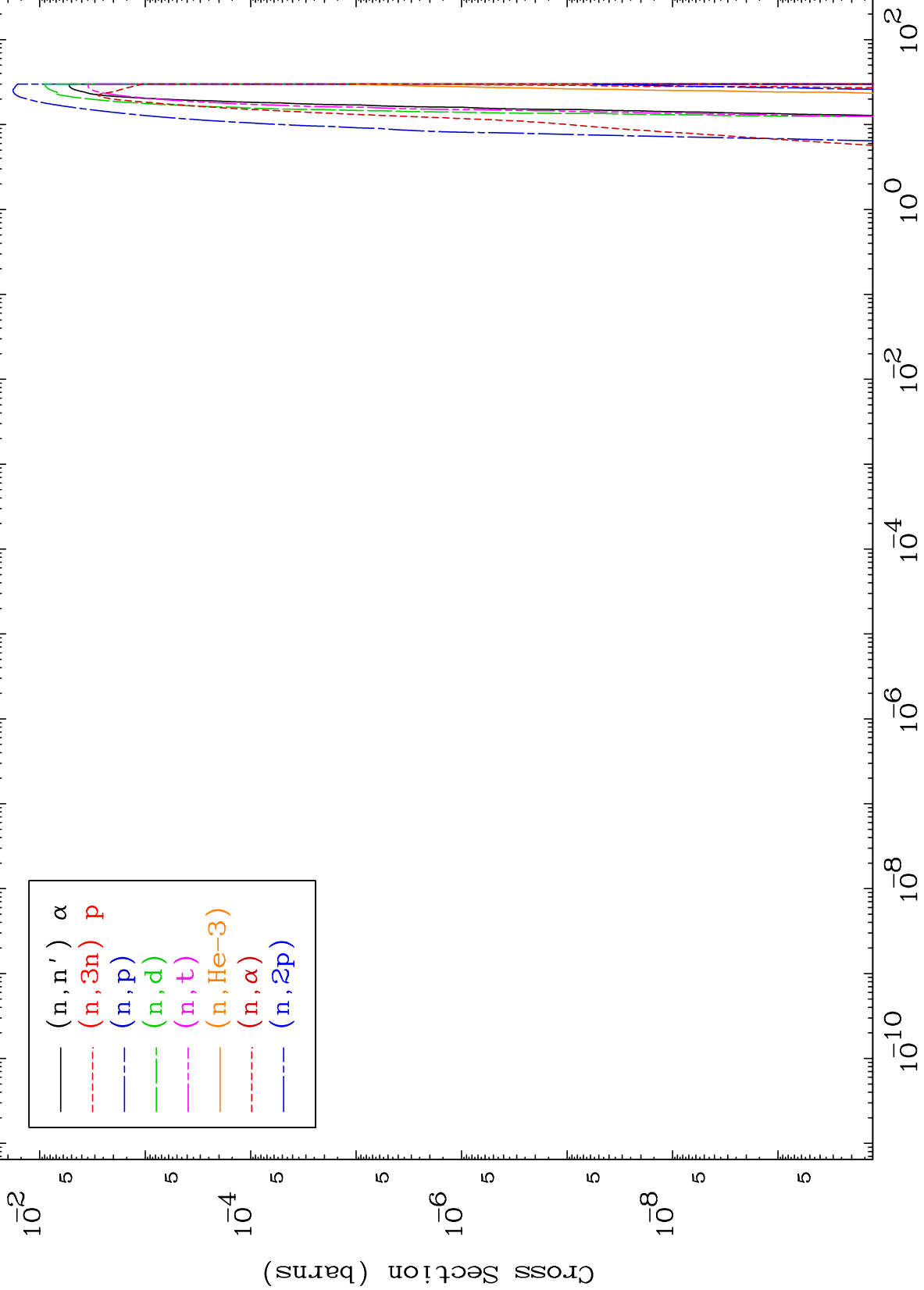




MAT 4864

Charged Particle
293 Kelvin Cross Sections

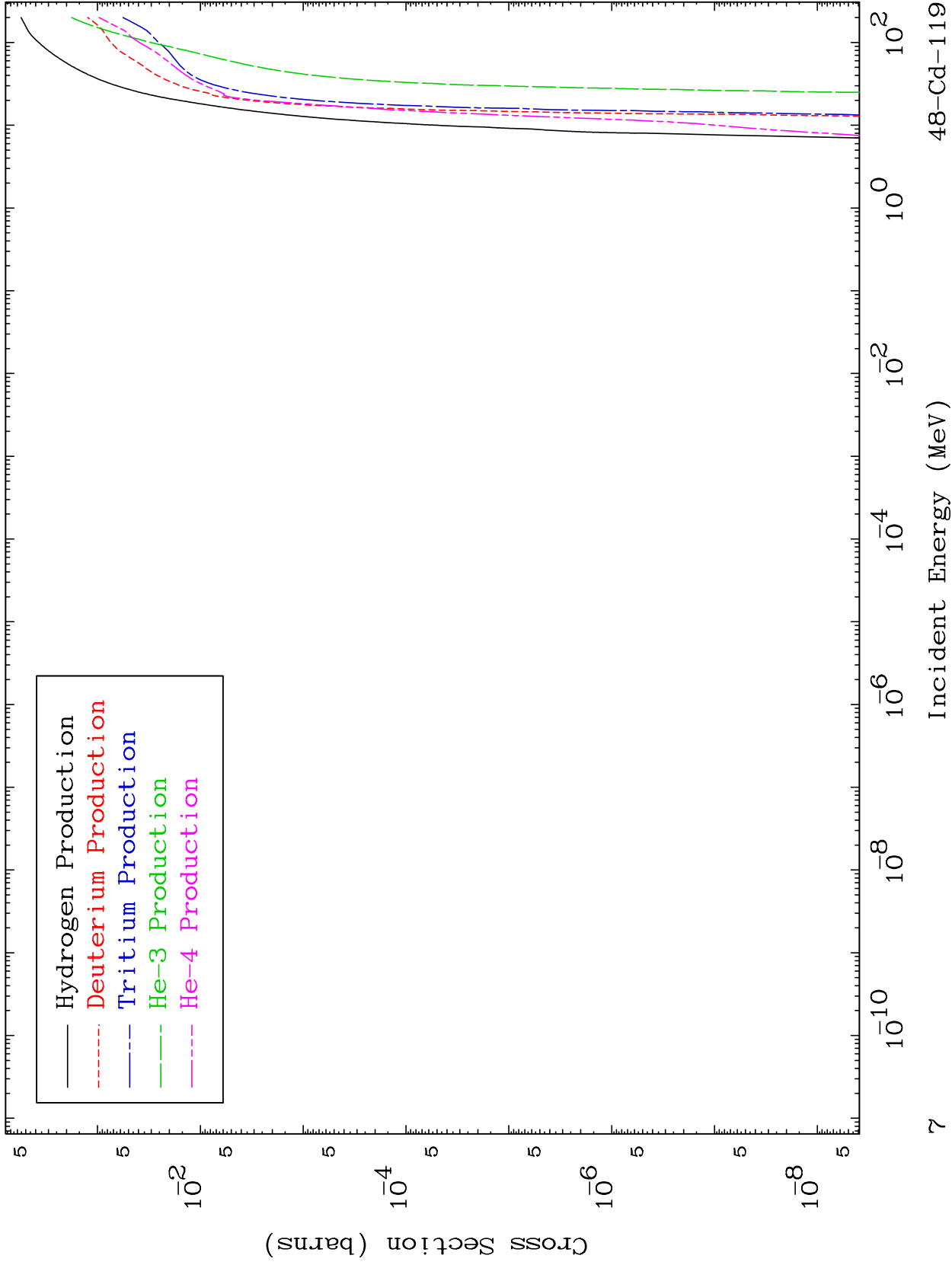
48-Cd-119

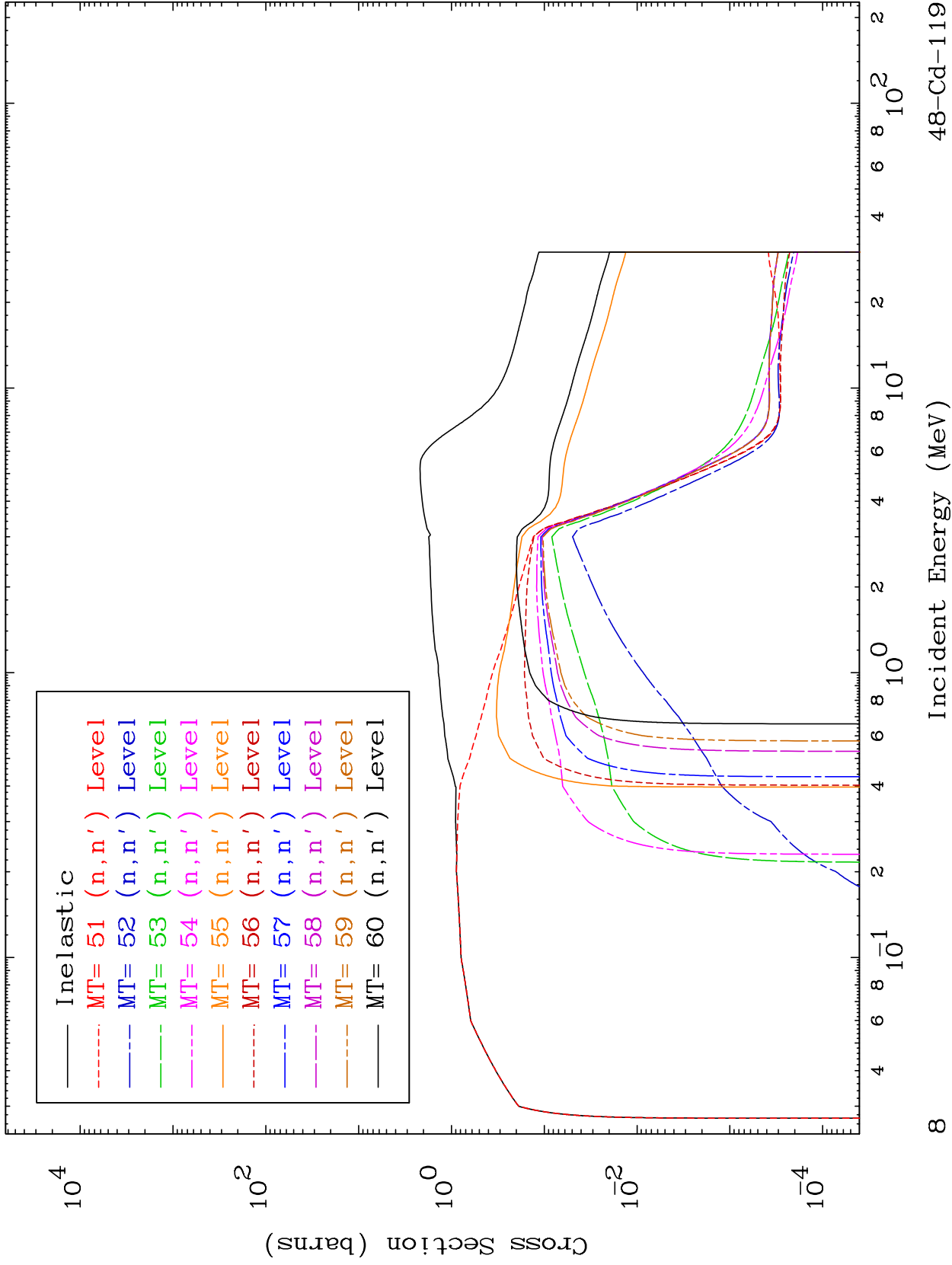


MAT 4864

Particle Production
293 Kelvin Cross Sections

48-Cd-119

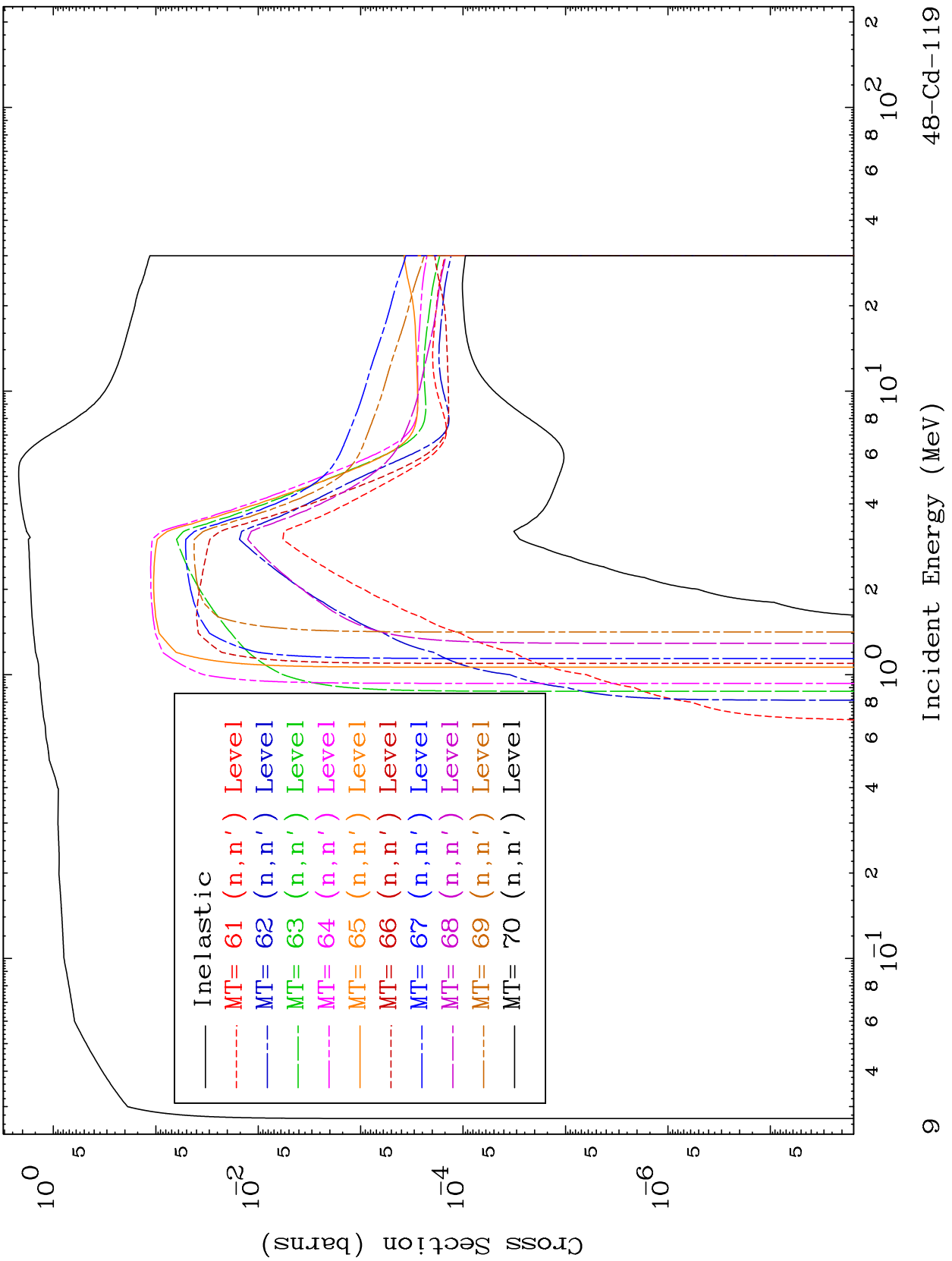




MAT 4864

48-Cd-119

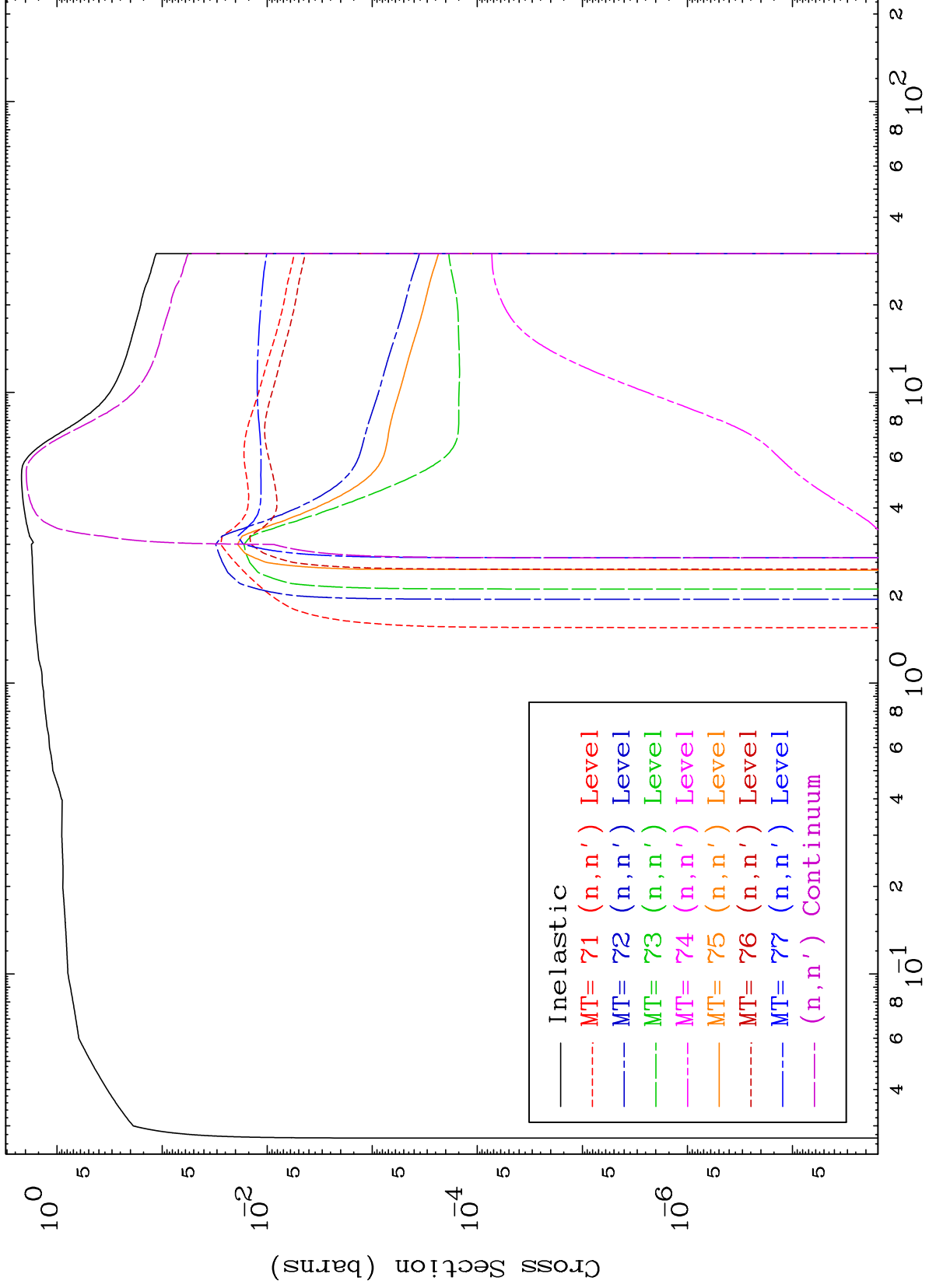
(n,n') Levels
293 Kelvin Cross Sections



MAT 4864

48-Cd-119

(n,n') Levels
293 Kelvin Cross Sections



10

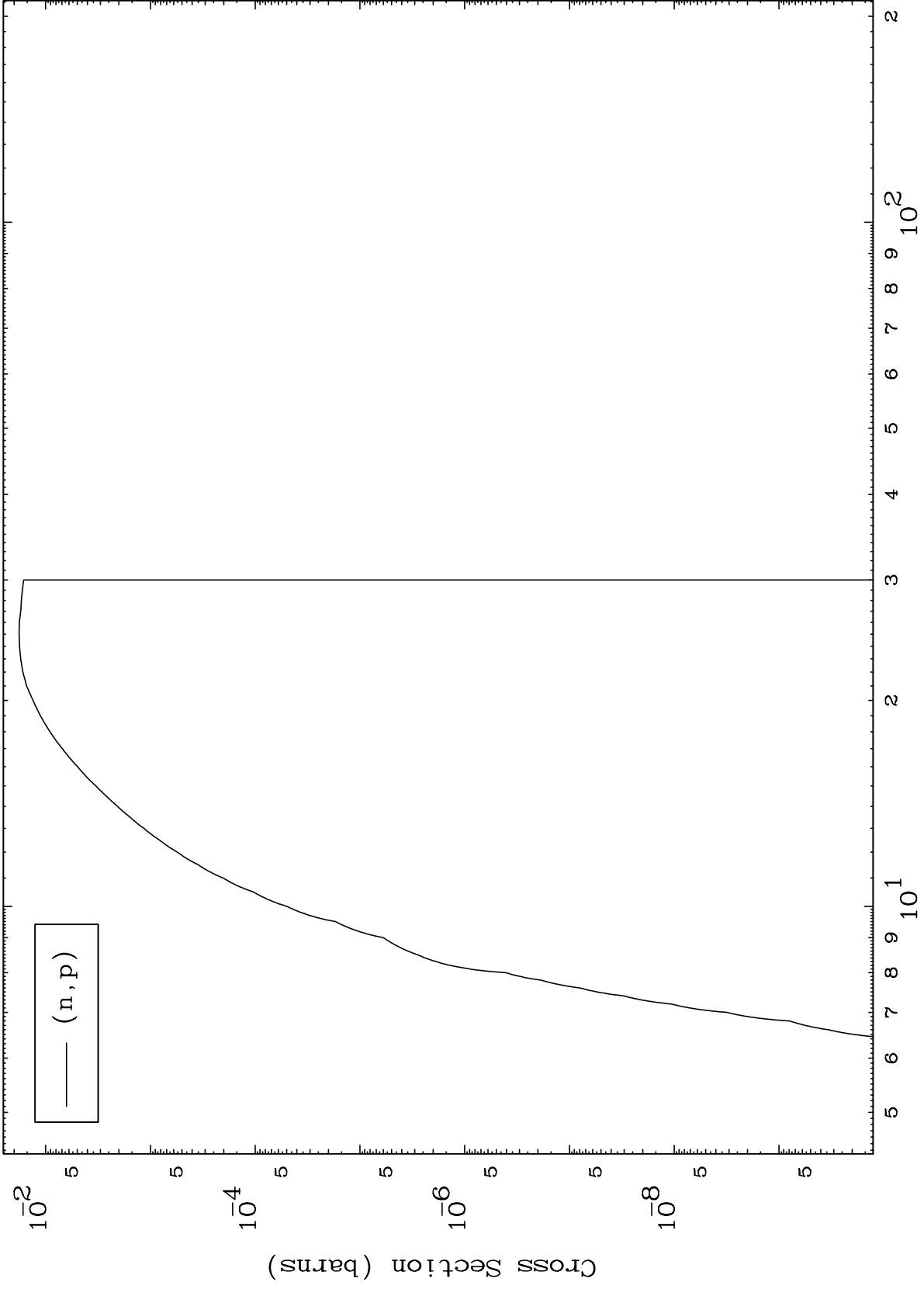
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-119



11

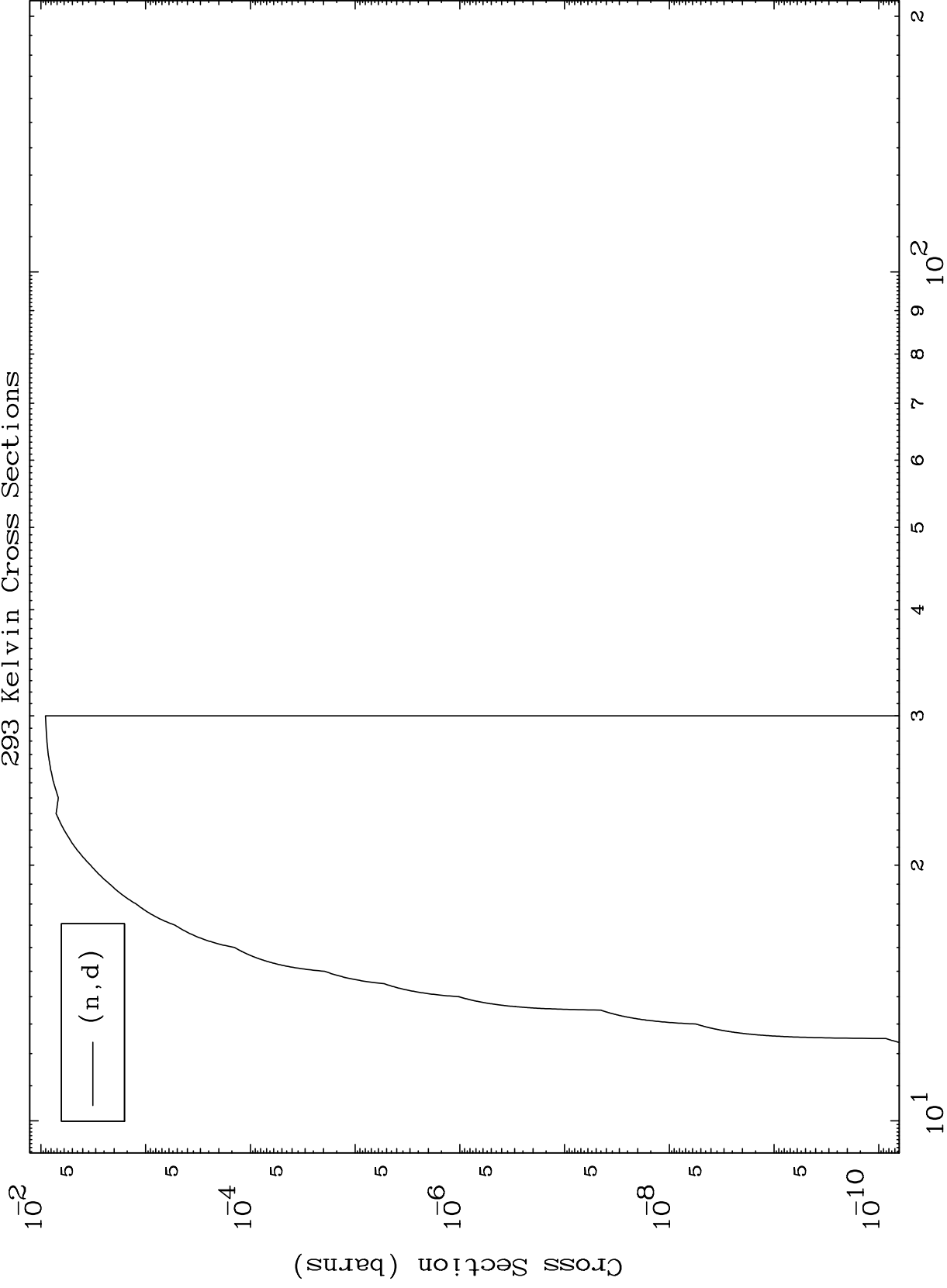
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-119



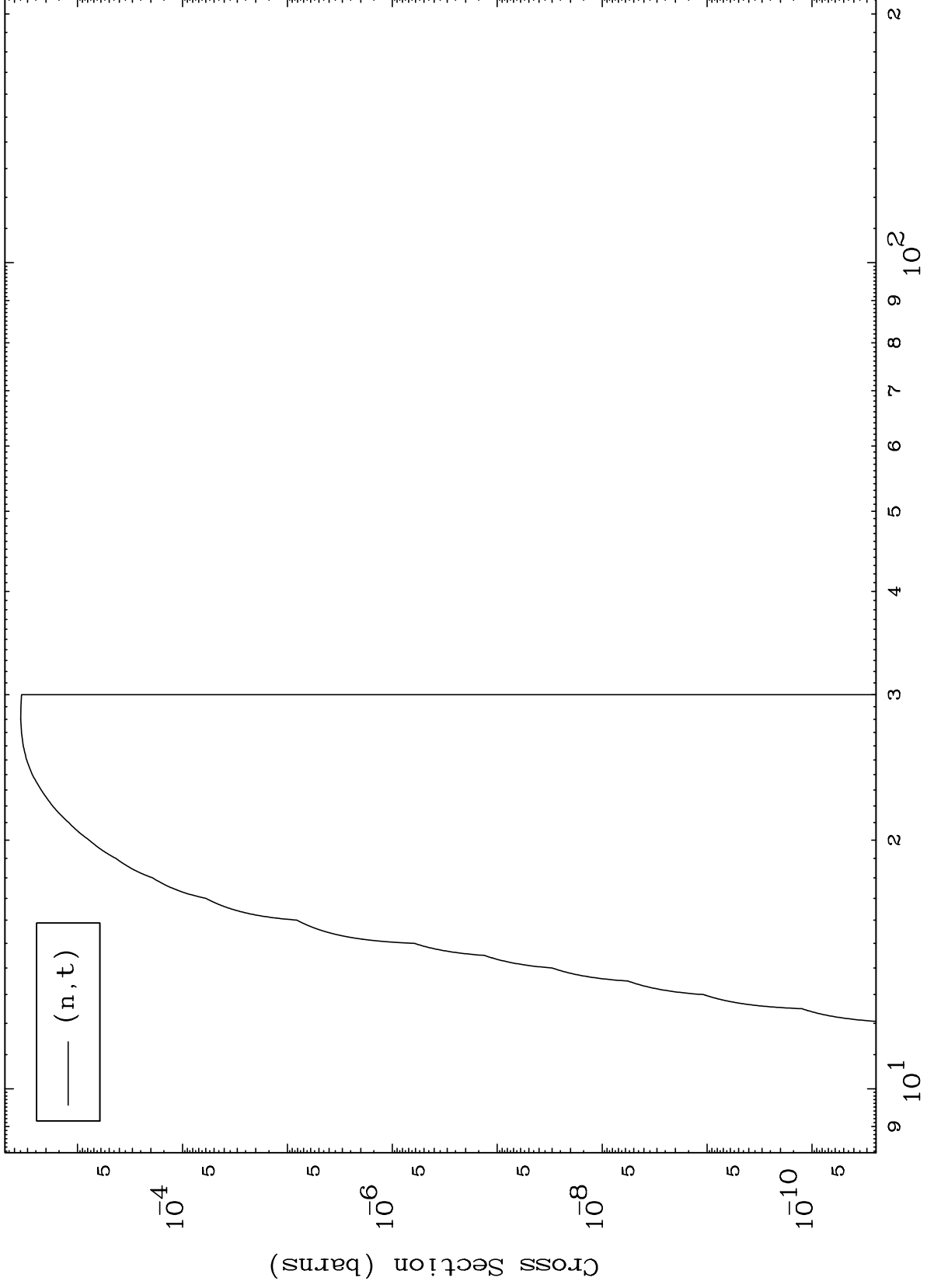
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-119



13

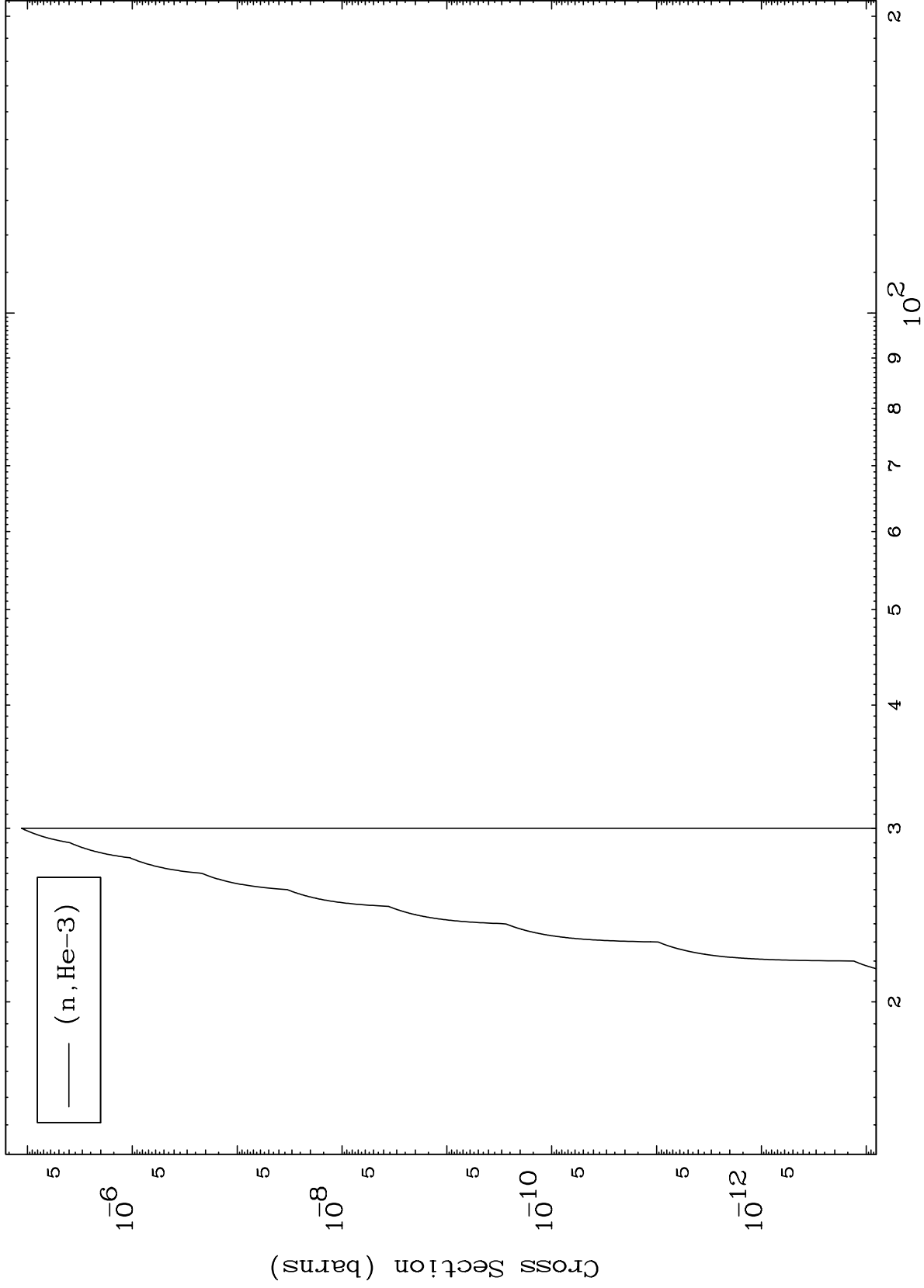
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-119



14

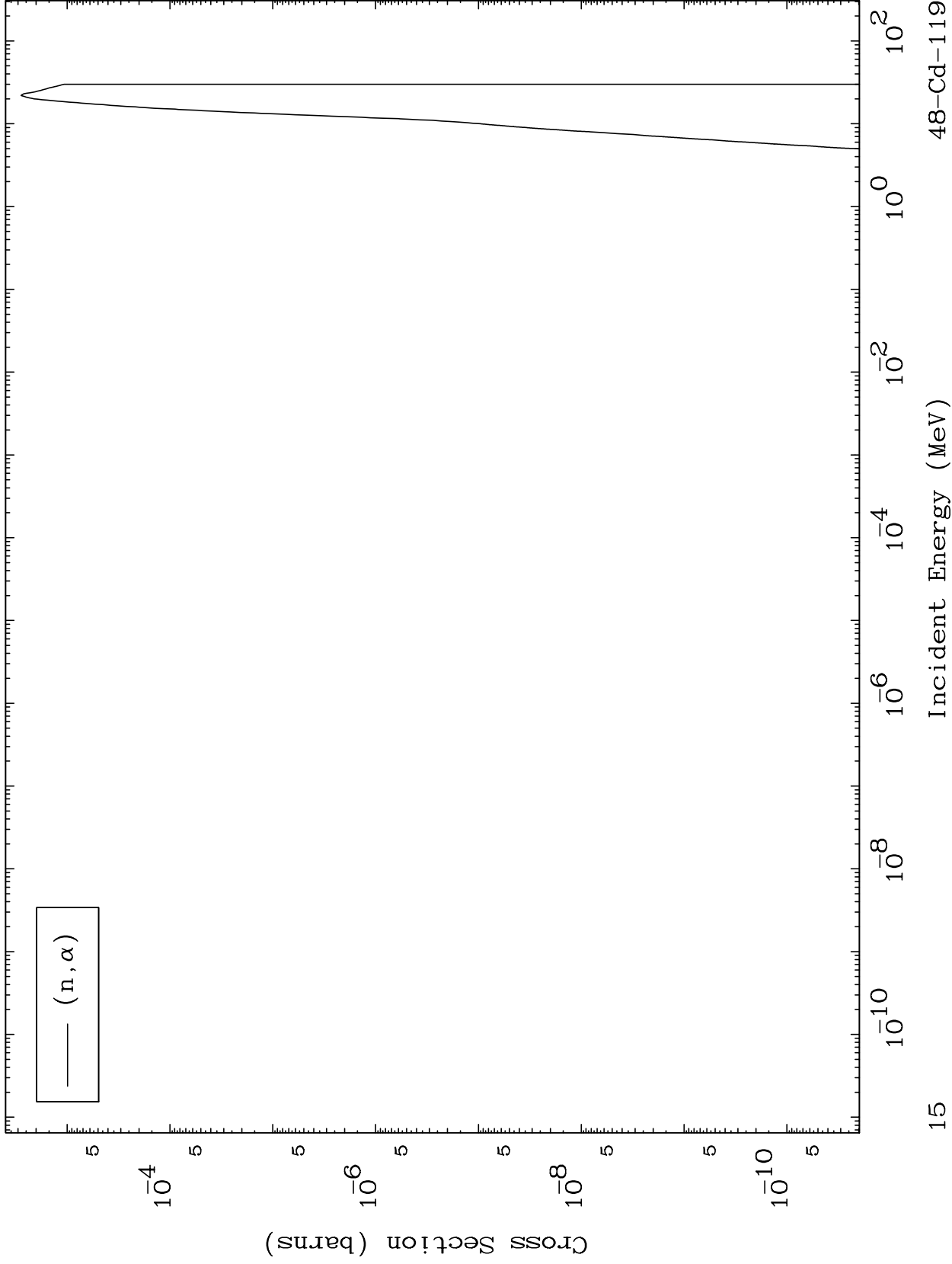
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n, α) Levels
293 Kelvin Cross Sections

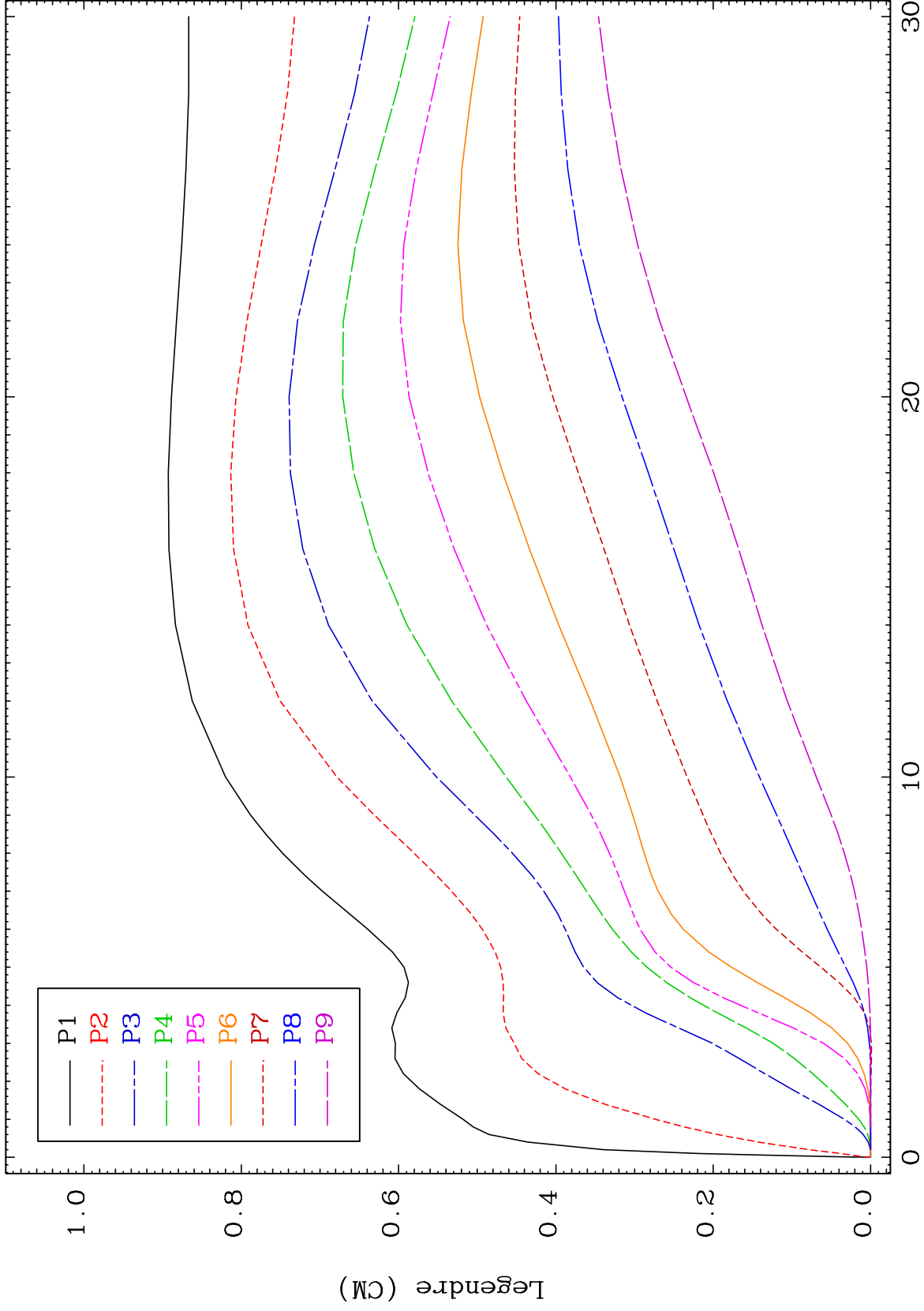
48-Cd-119



MAT 4864

Elastic Legendre Coefficients

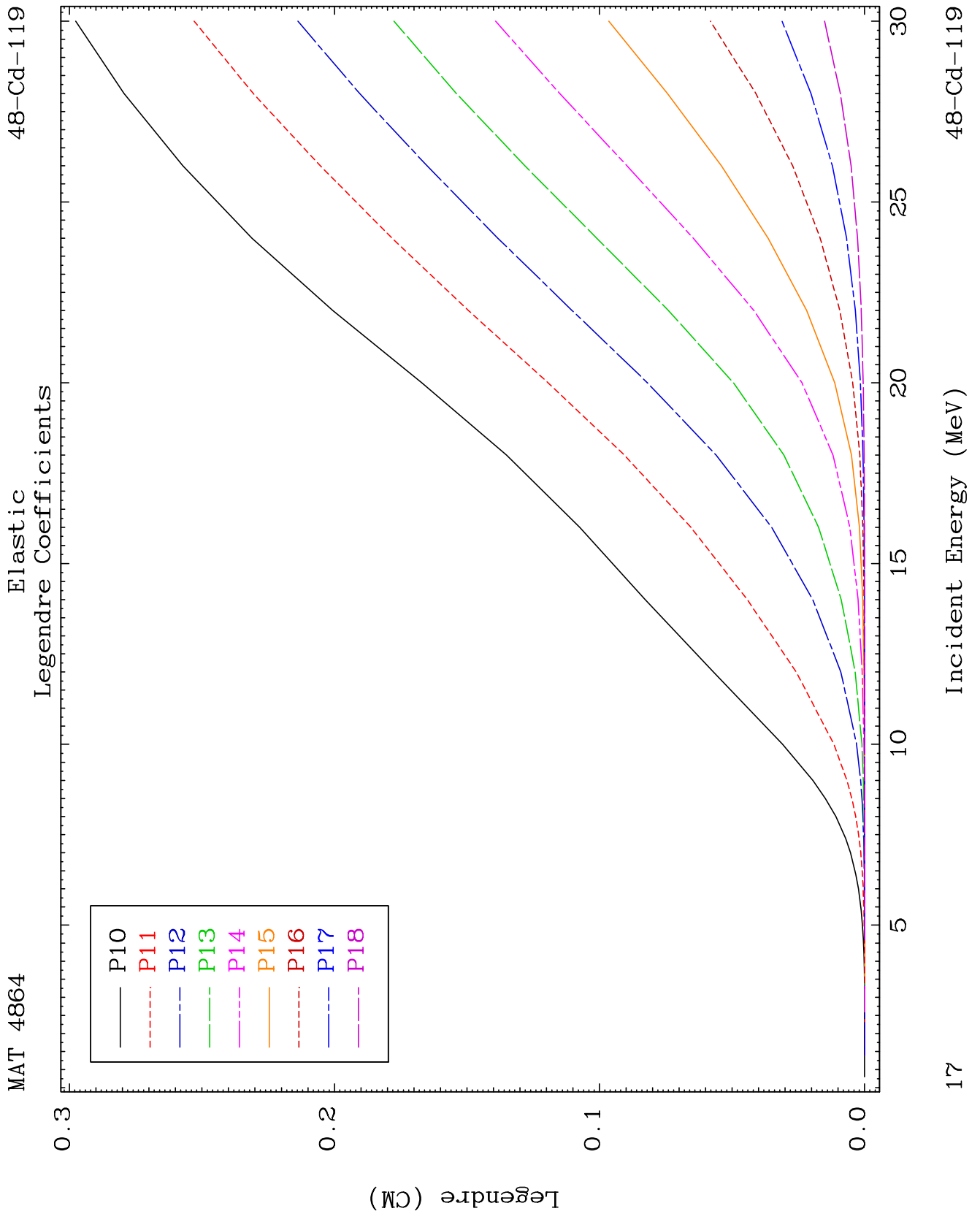
48-Cd-119



16

Incident Energy (MeV)

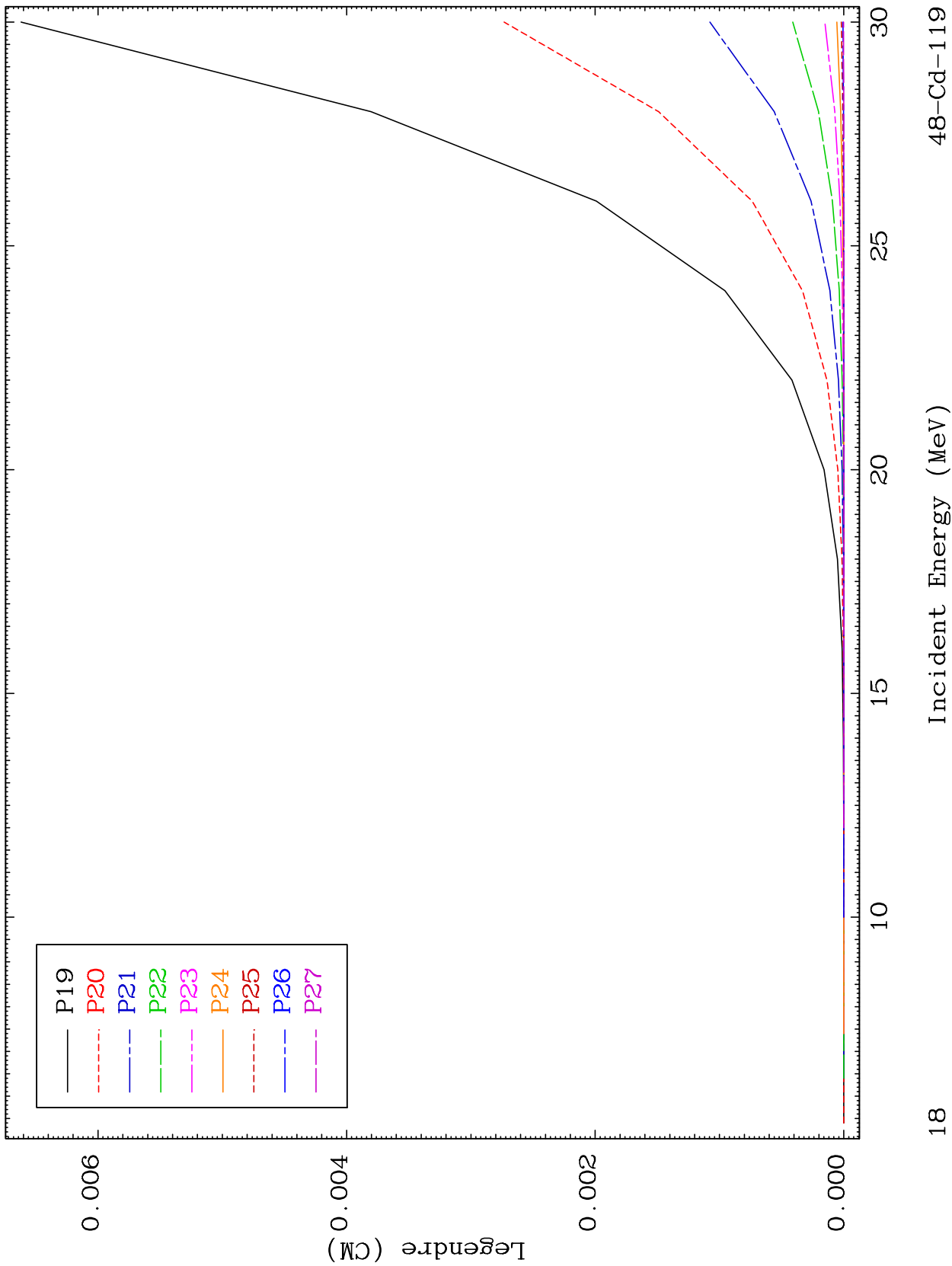
48-Cd-119



MAT 4864

Elastic Legendre Coefficients

48-Cd-119



18

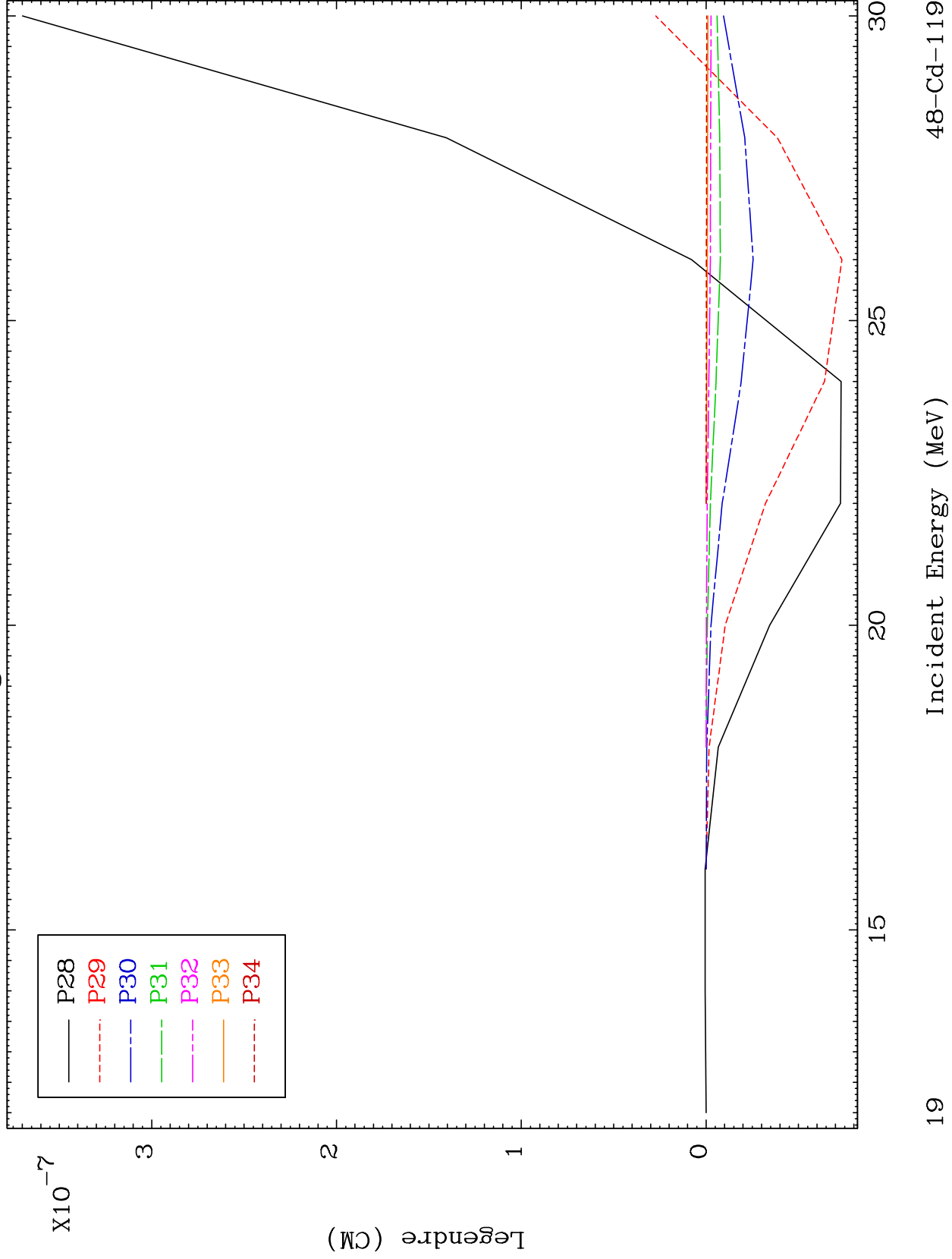
Incident Energy (MeV)

48-Cd-119

MAT 4864

Elastic
Legendre Coefficients

48-Cd-119



19

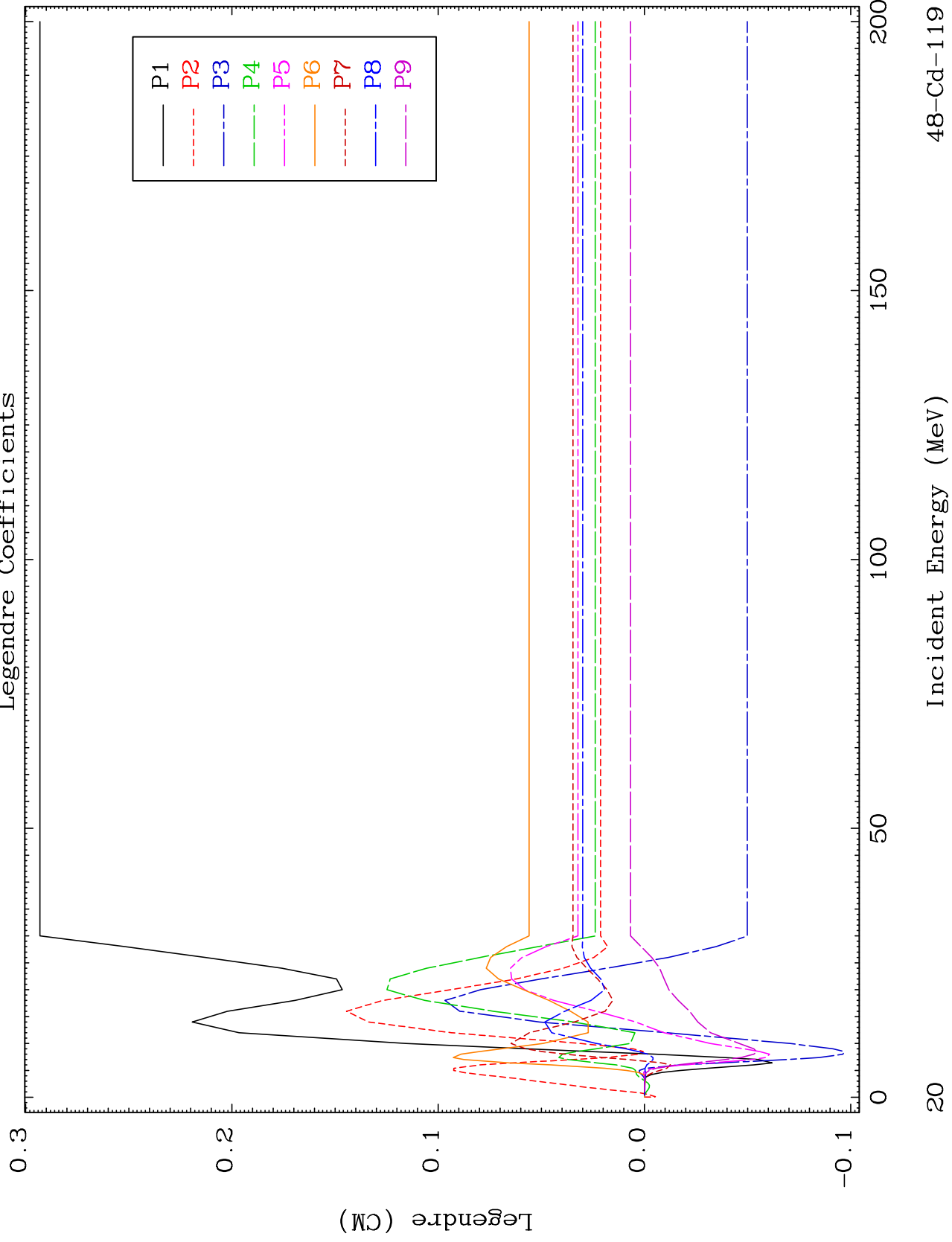
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

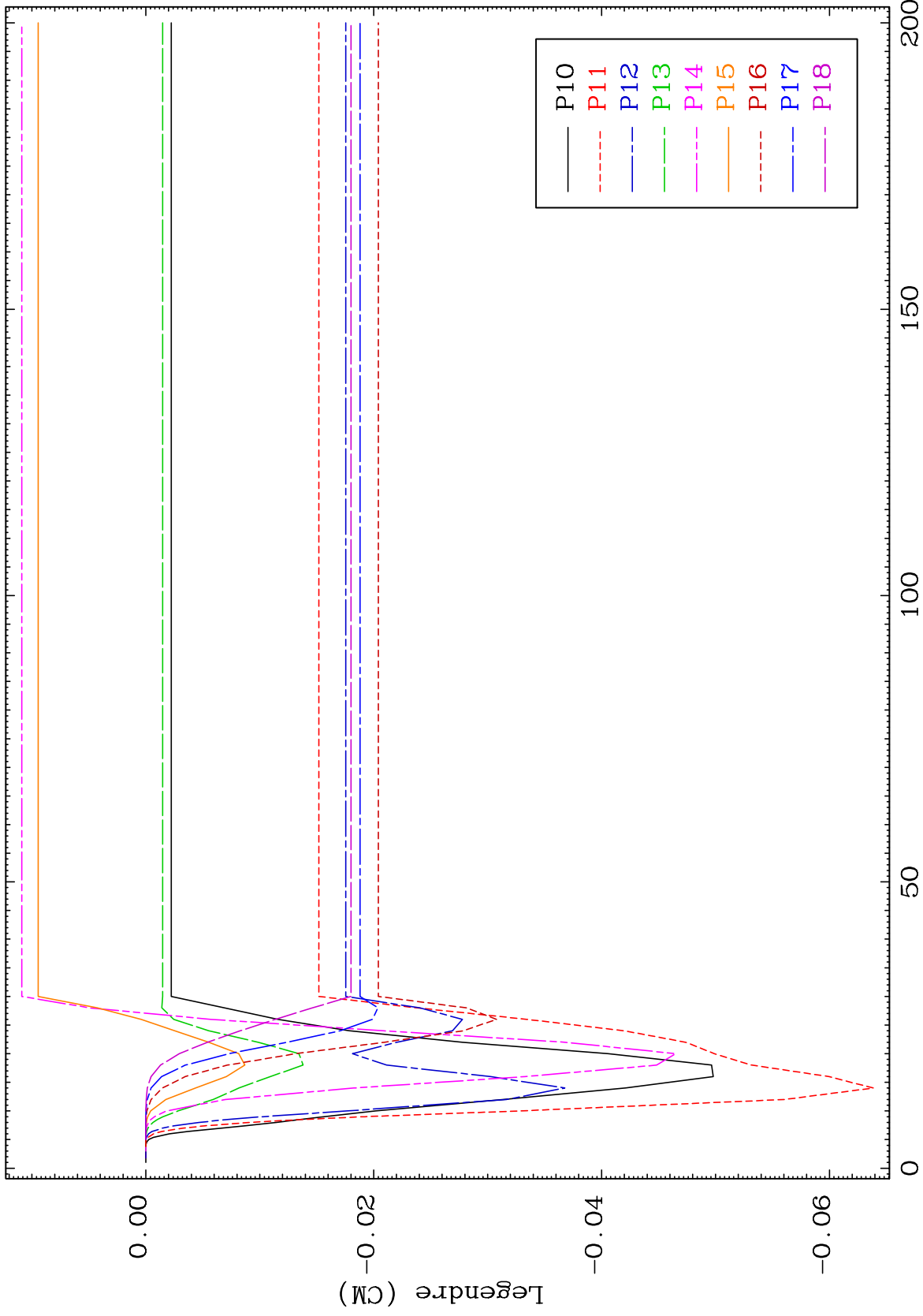
48-Cd-119



MAT 4864

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

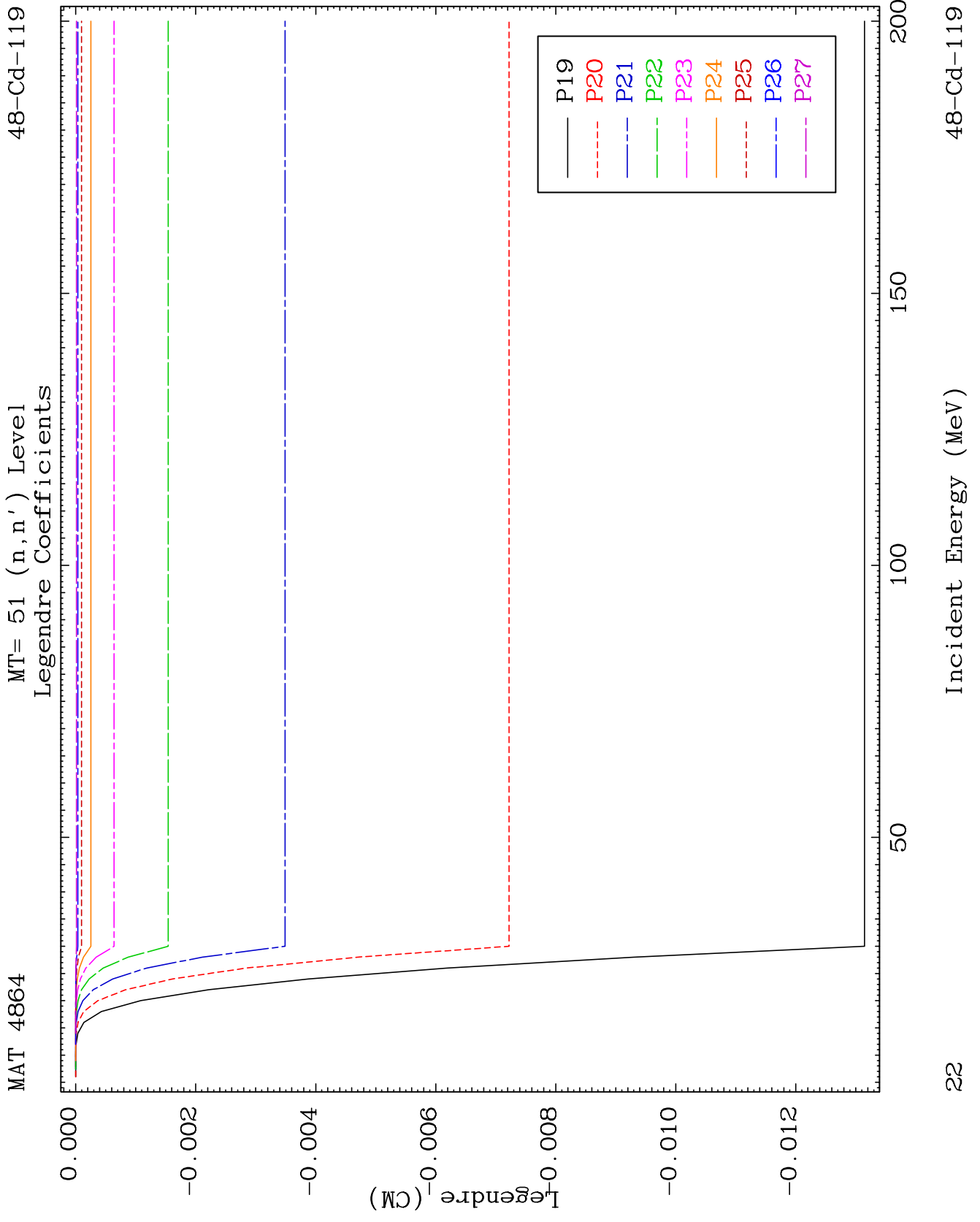
48-Cd-119

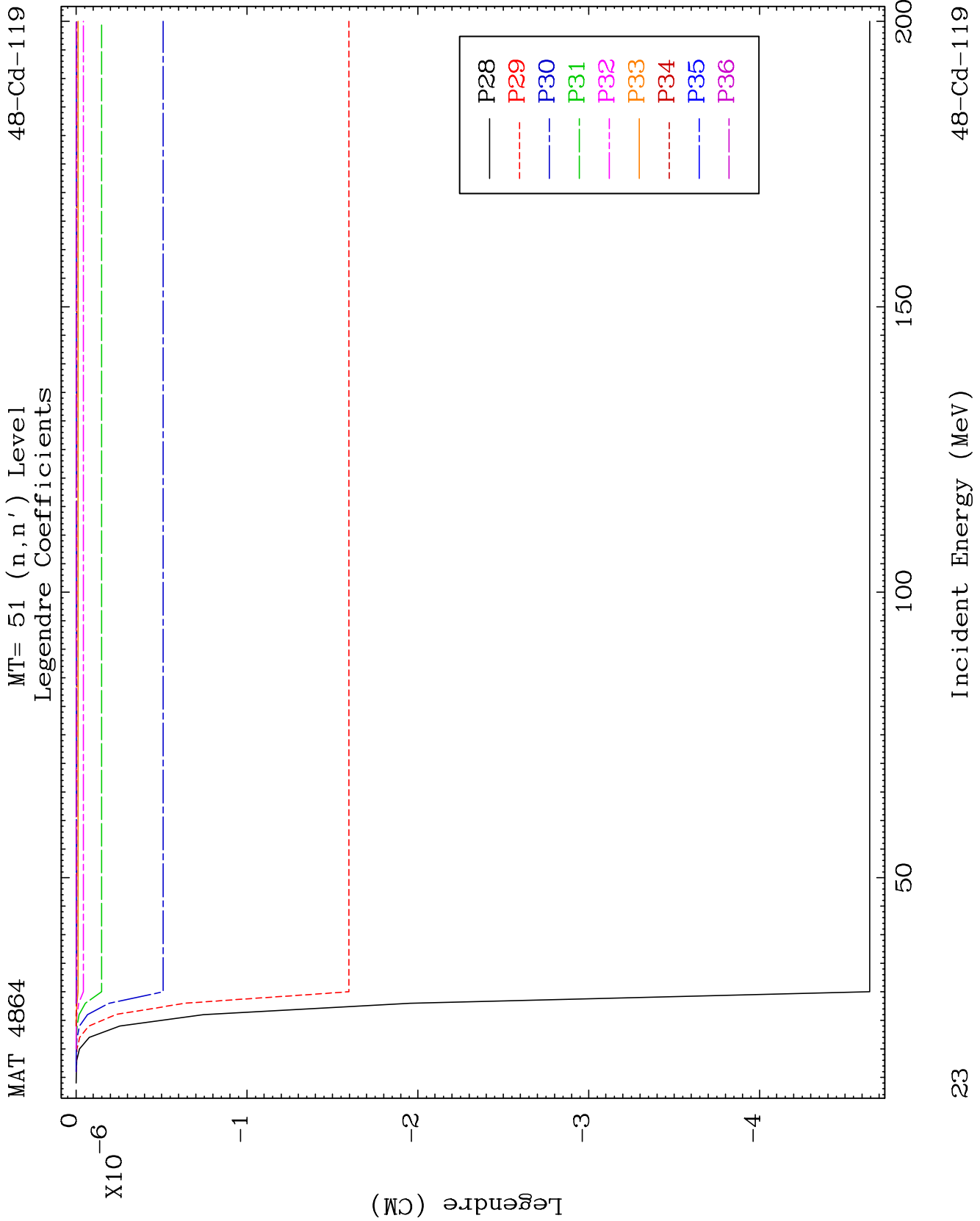


21

Incident Energy (MeV)

48-Cd-119

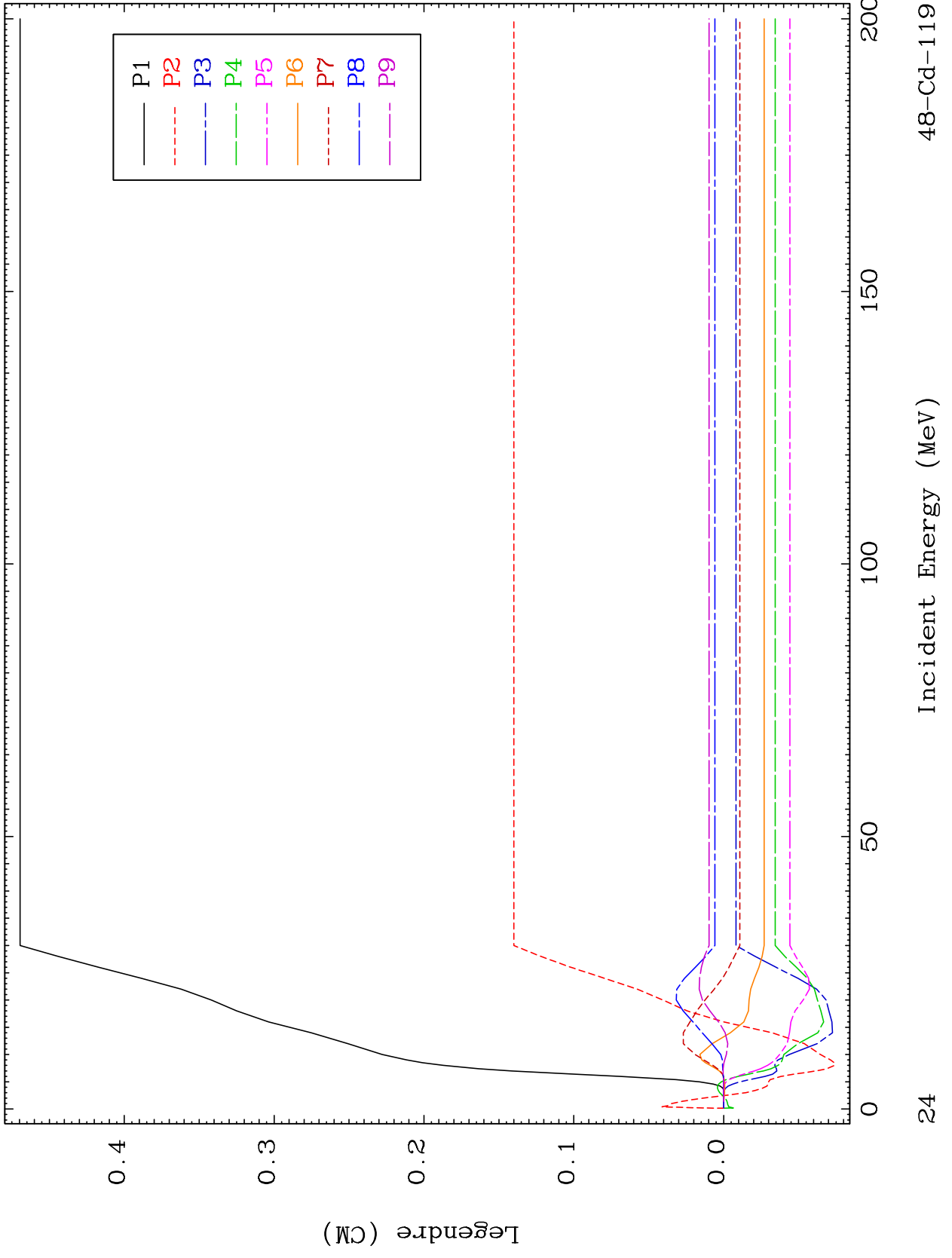




MAT 4864

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

48-Cd-119



24

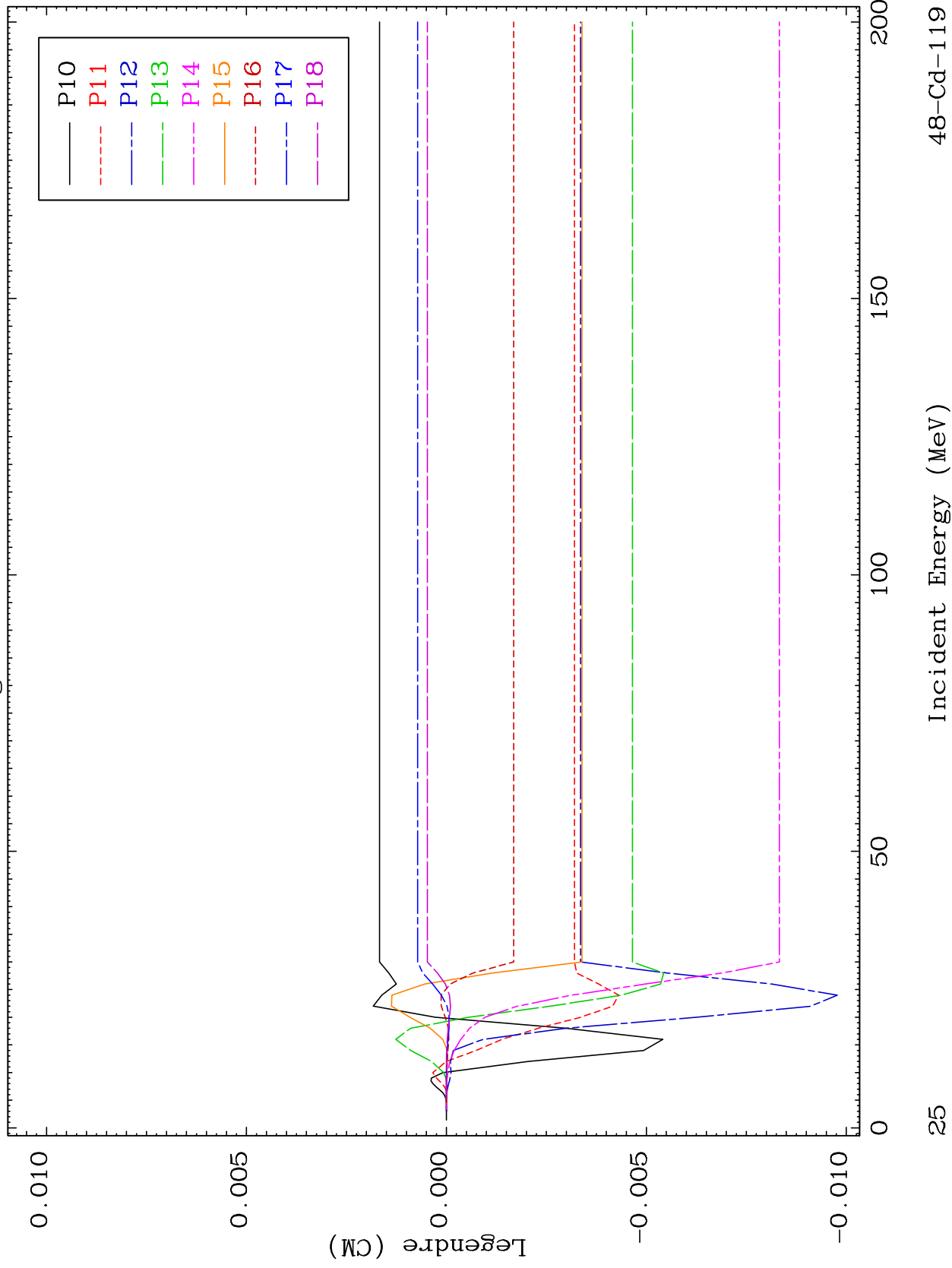
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

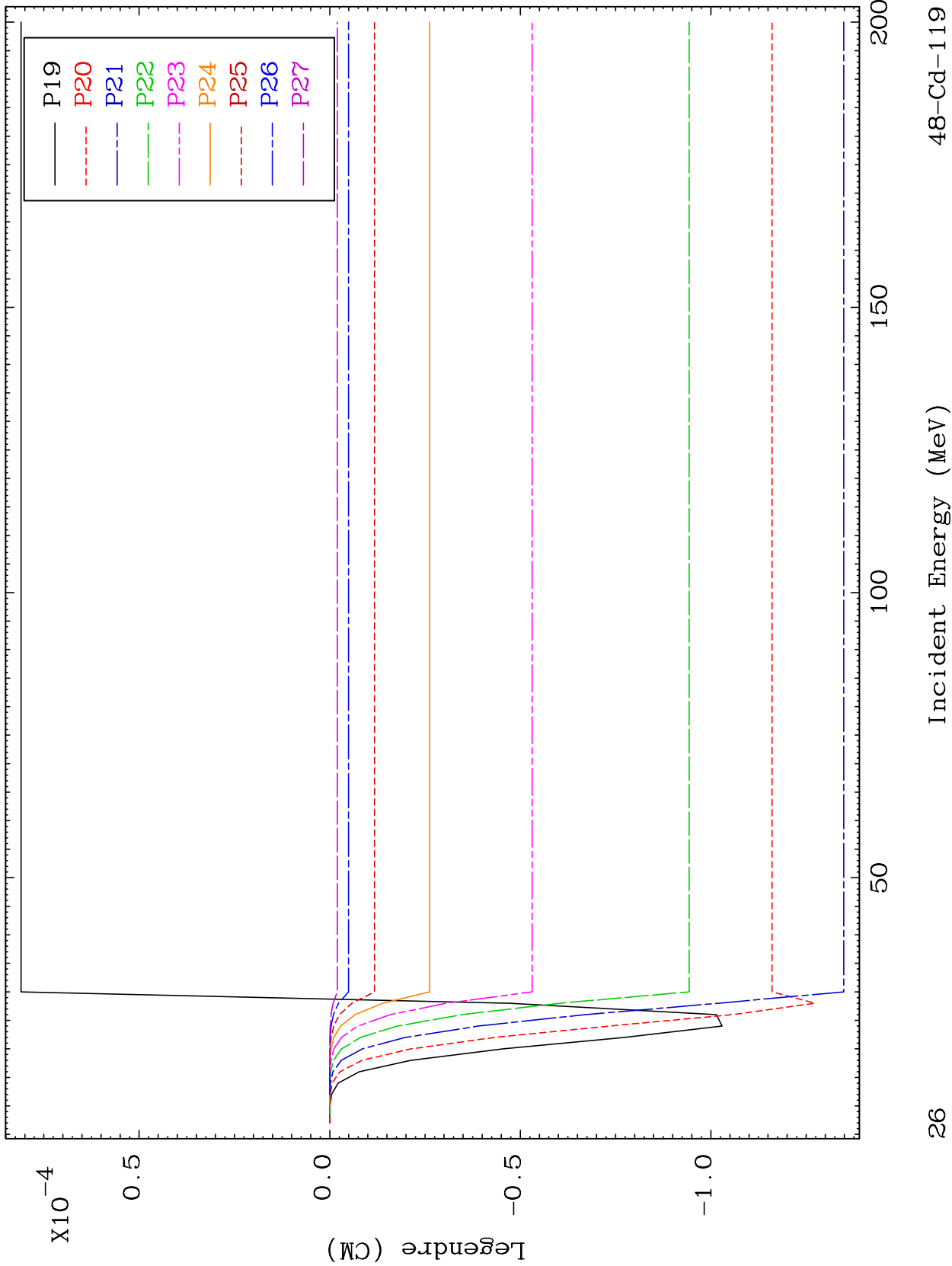
48-Cd-119



48-Cd-119

Incident Energy (MeV)

25

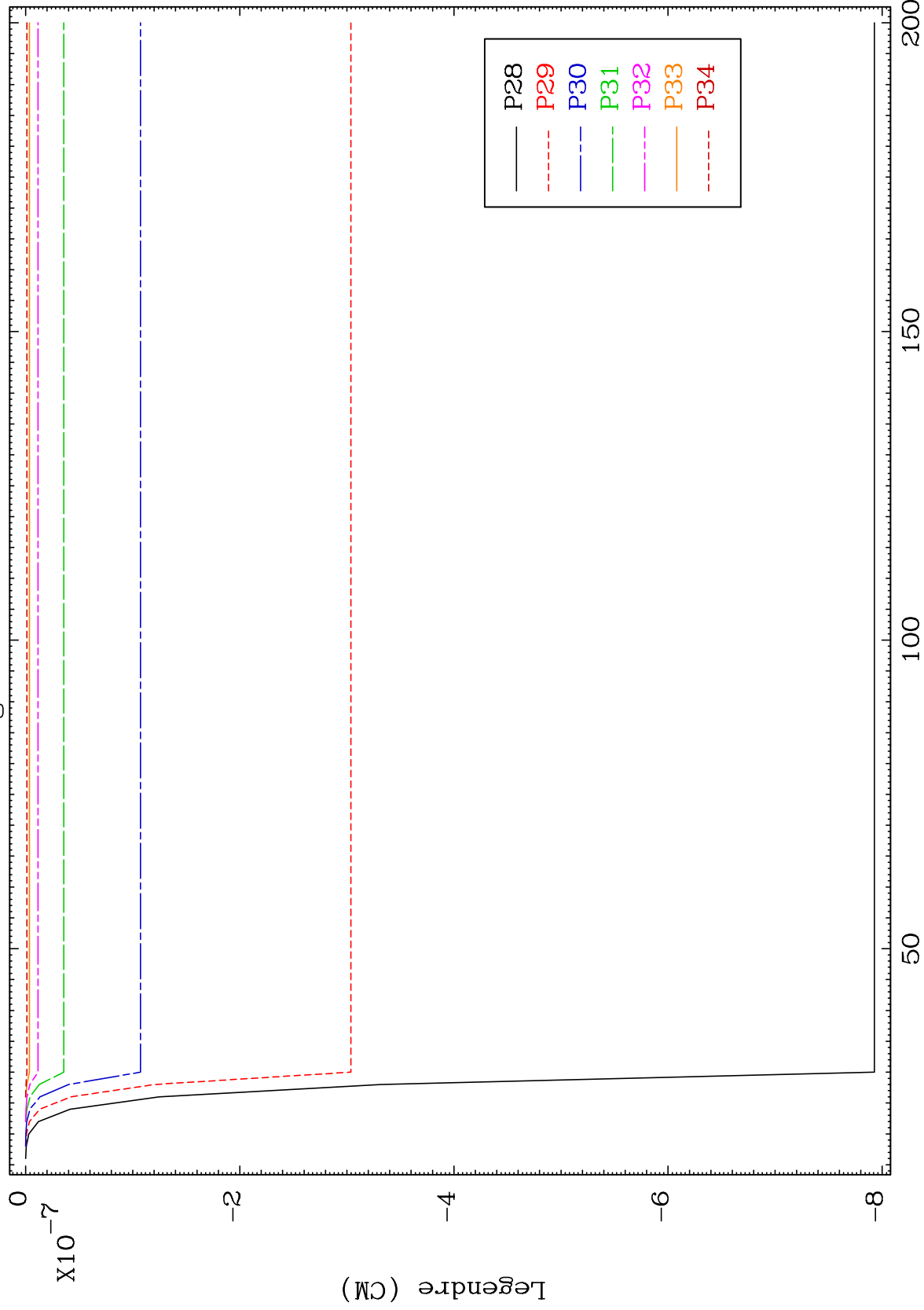


MAT 4864

MT= 52 (n,n') Level

48-Cd-119

Legendre Coefficients



27

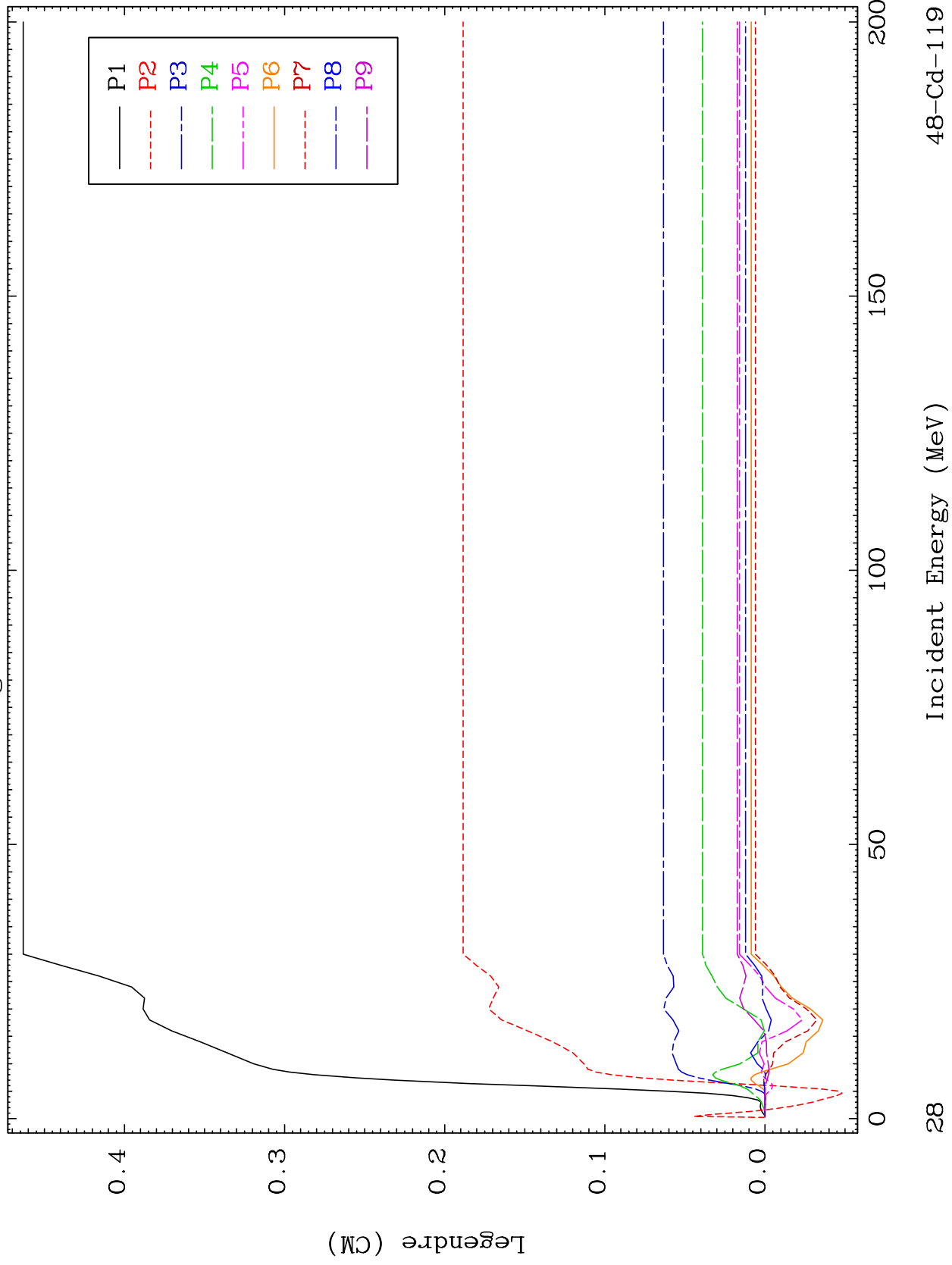
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

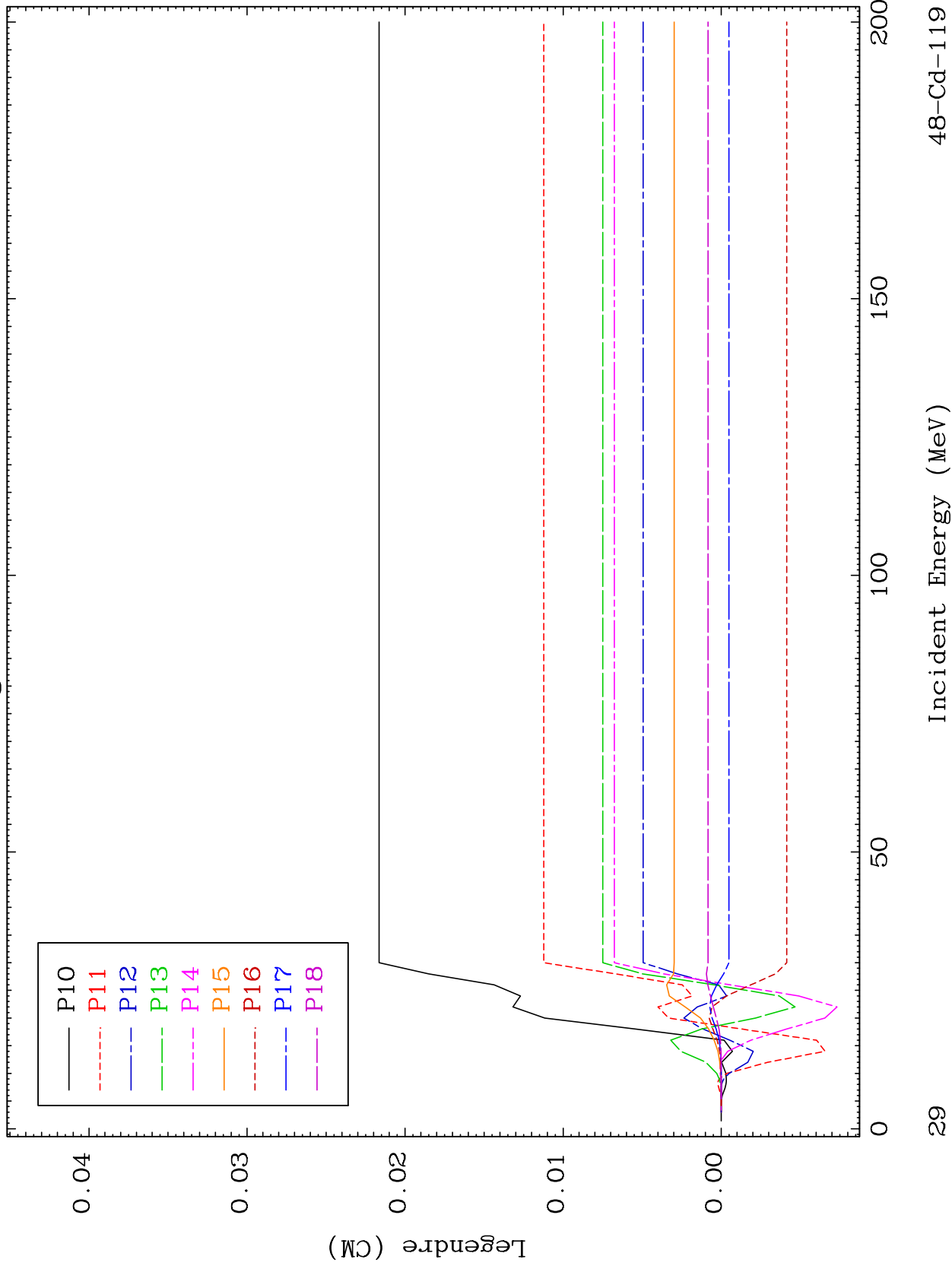
Incident Energy (MeV)

28

MAT 4864

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

48-Cd-119



29

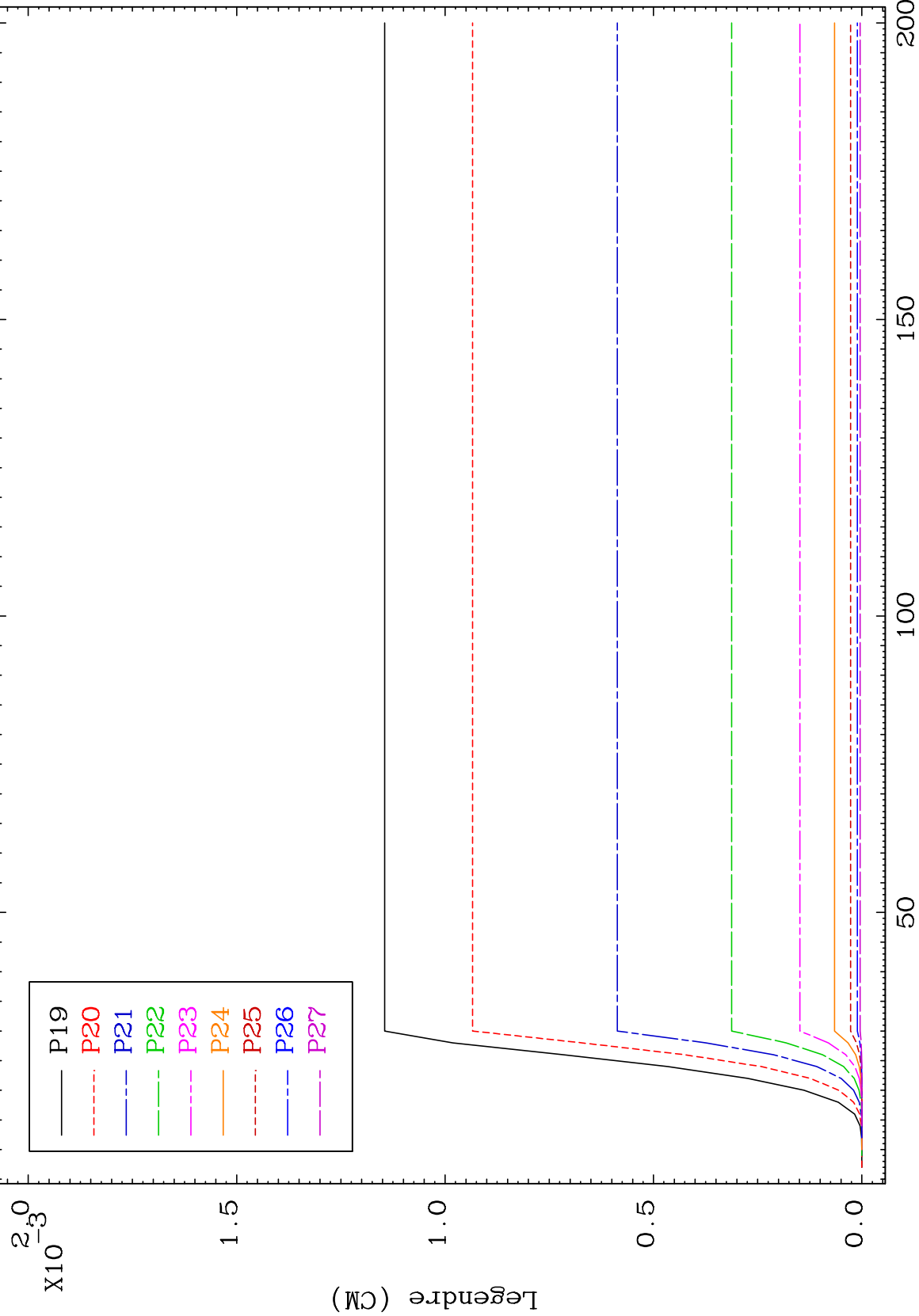
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



30

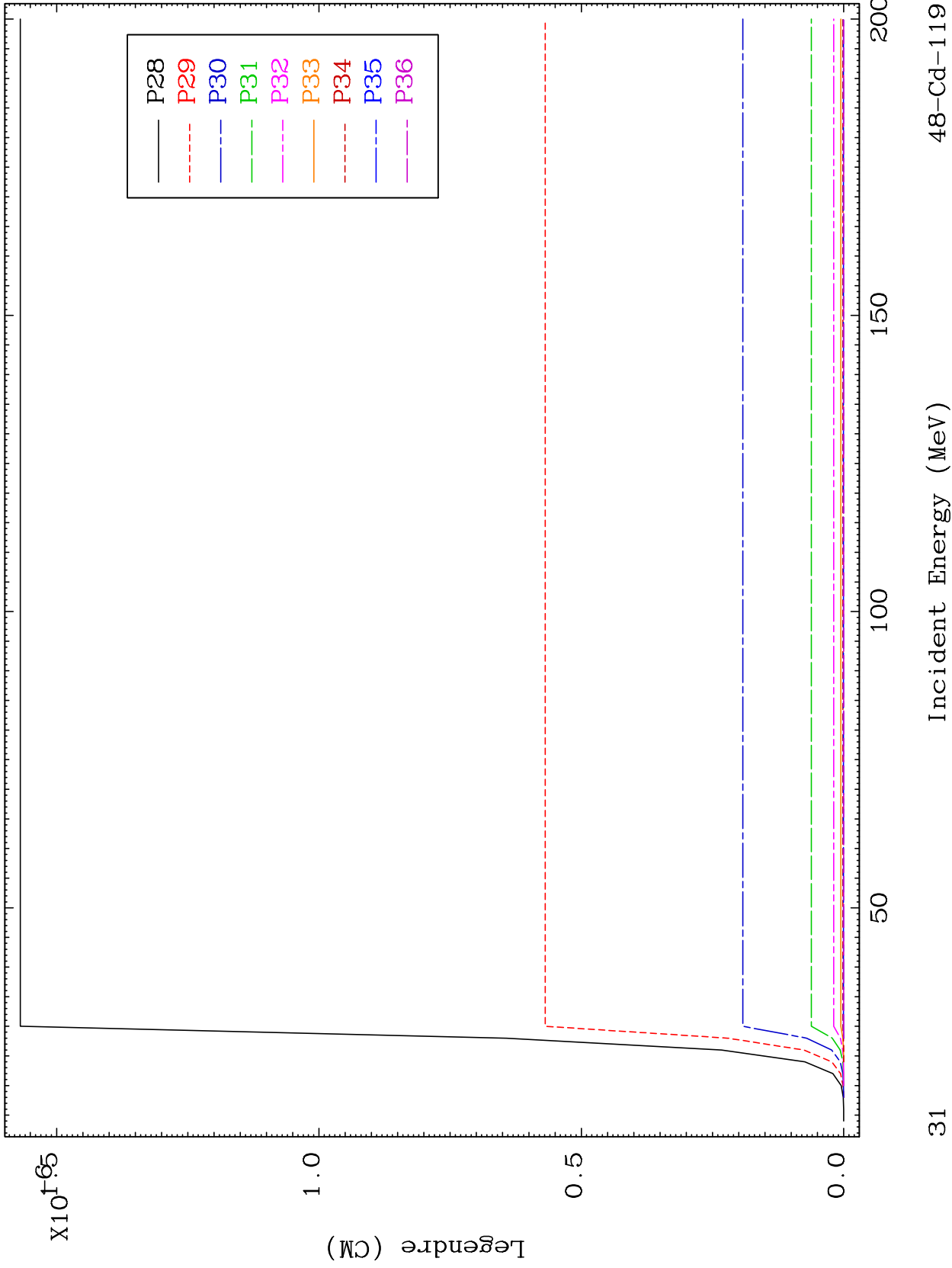
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



31

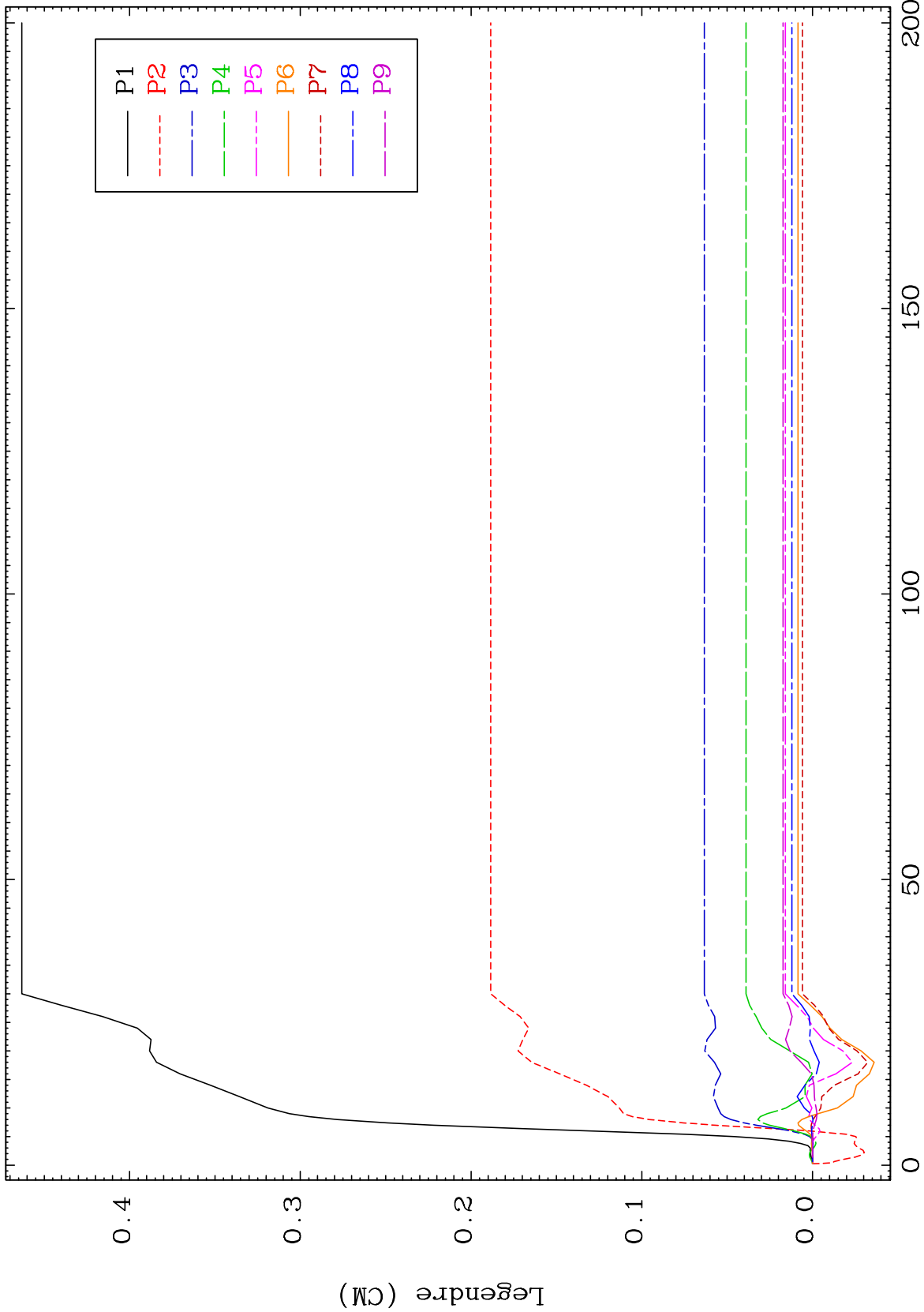
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



32

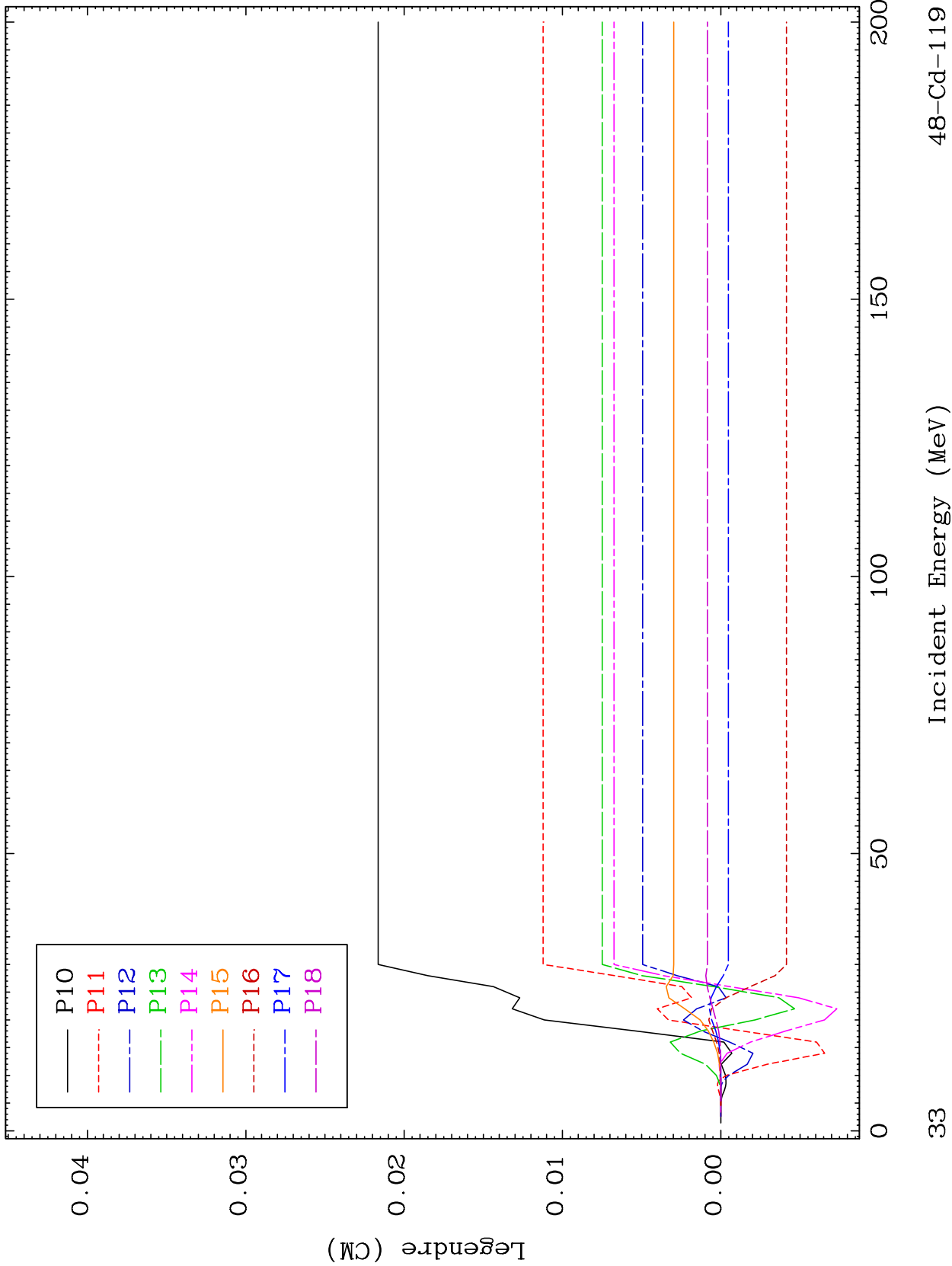
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



33

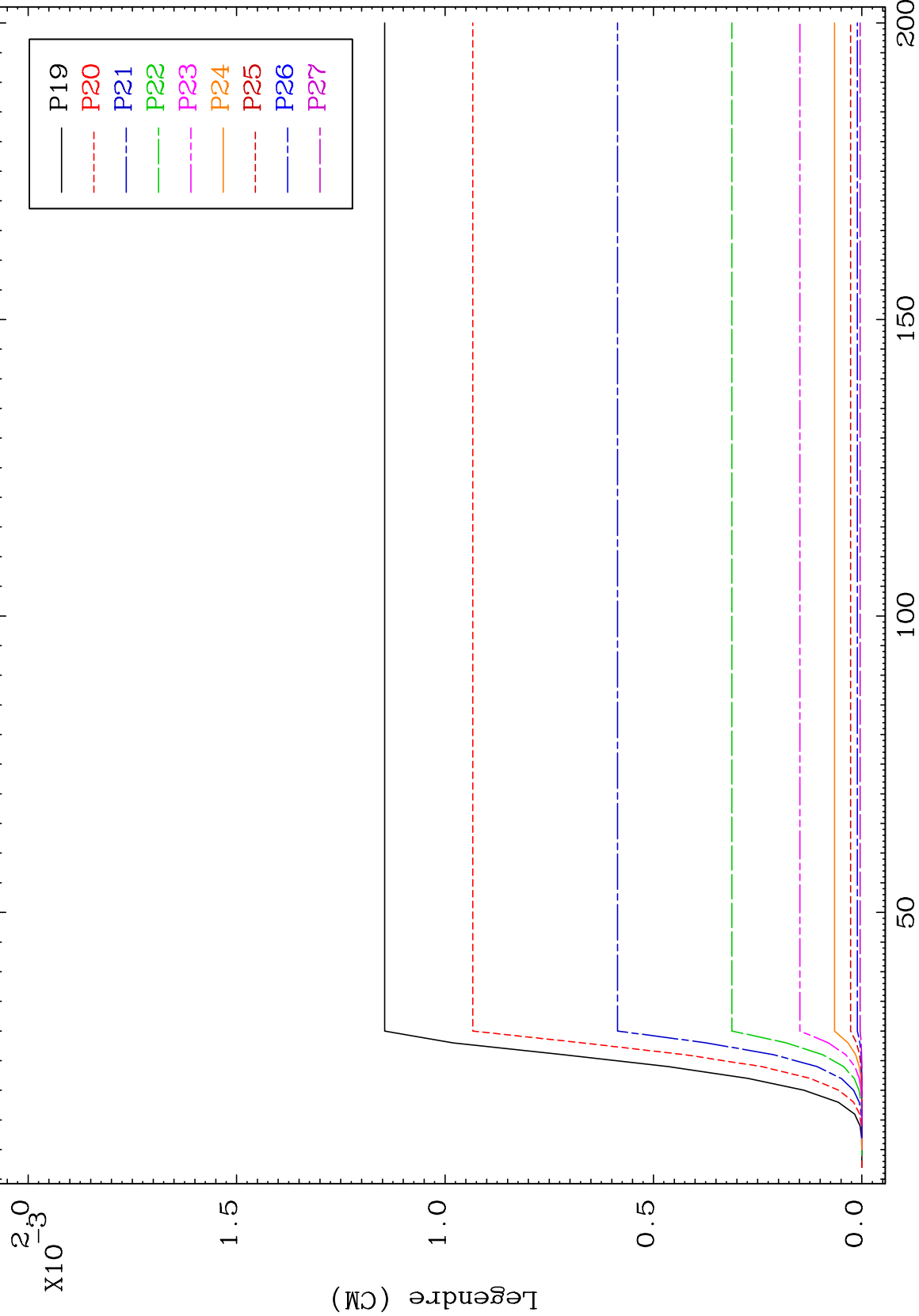
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



34

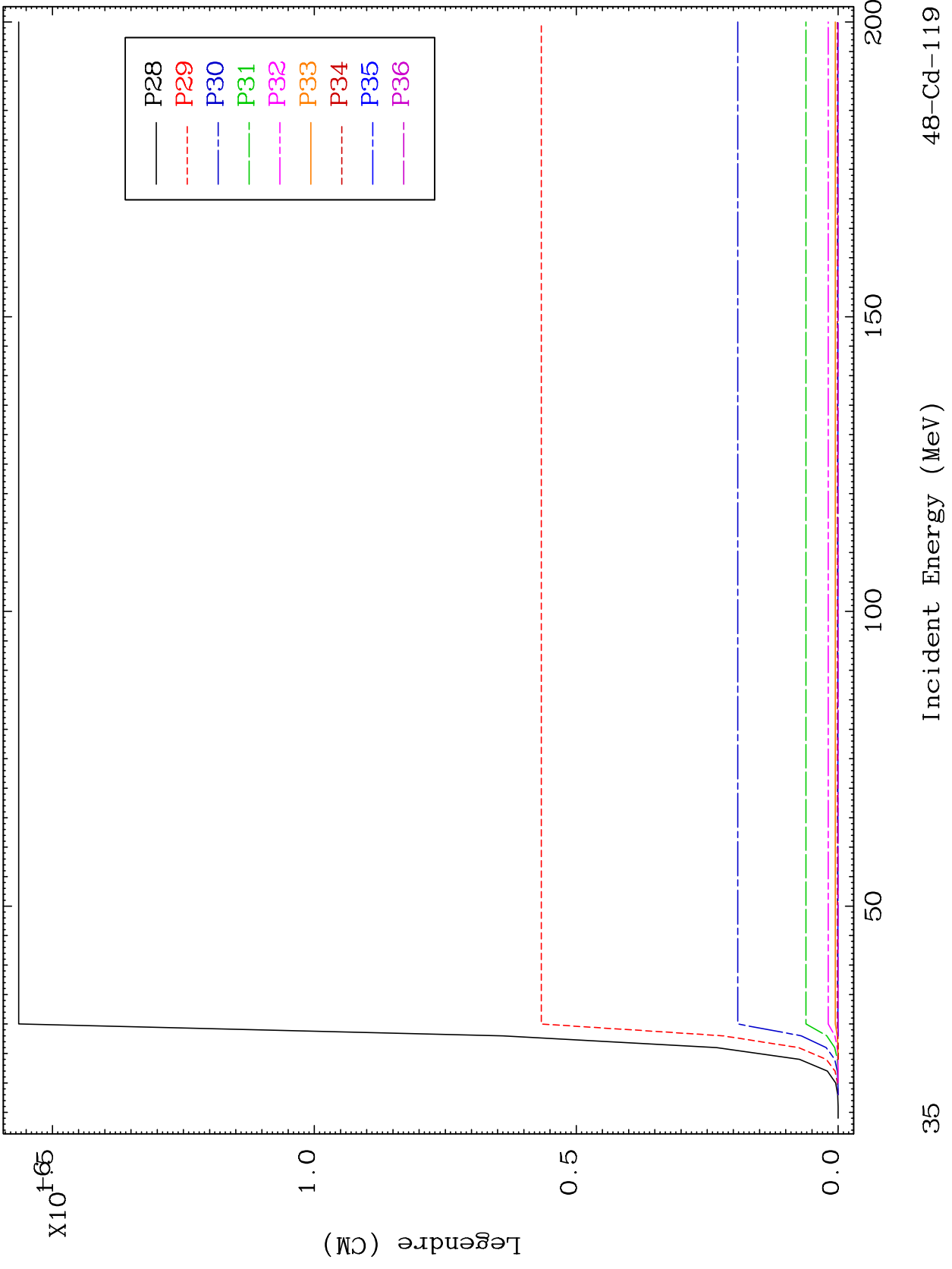
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



35

Incident Energy (MeV)

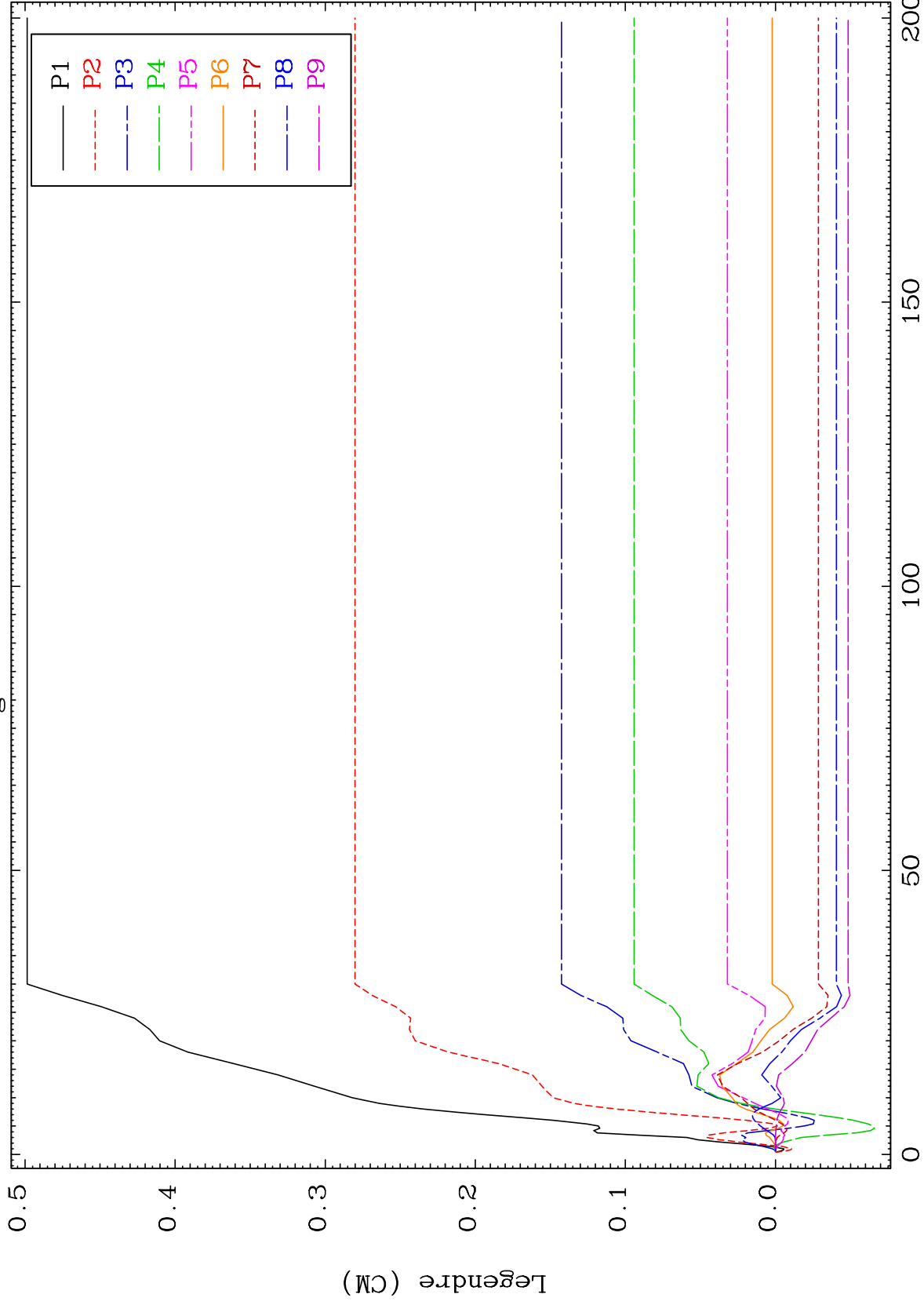
48-Cd-119

MAT 4864

MT= 55 (n,n') Level

48-Cd-119

Legendre Coefficients



36

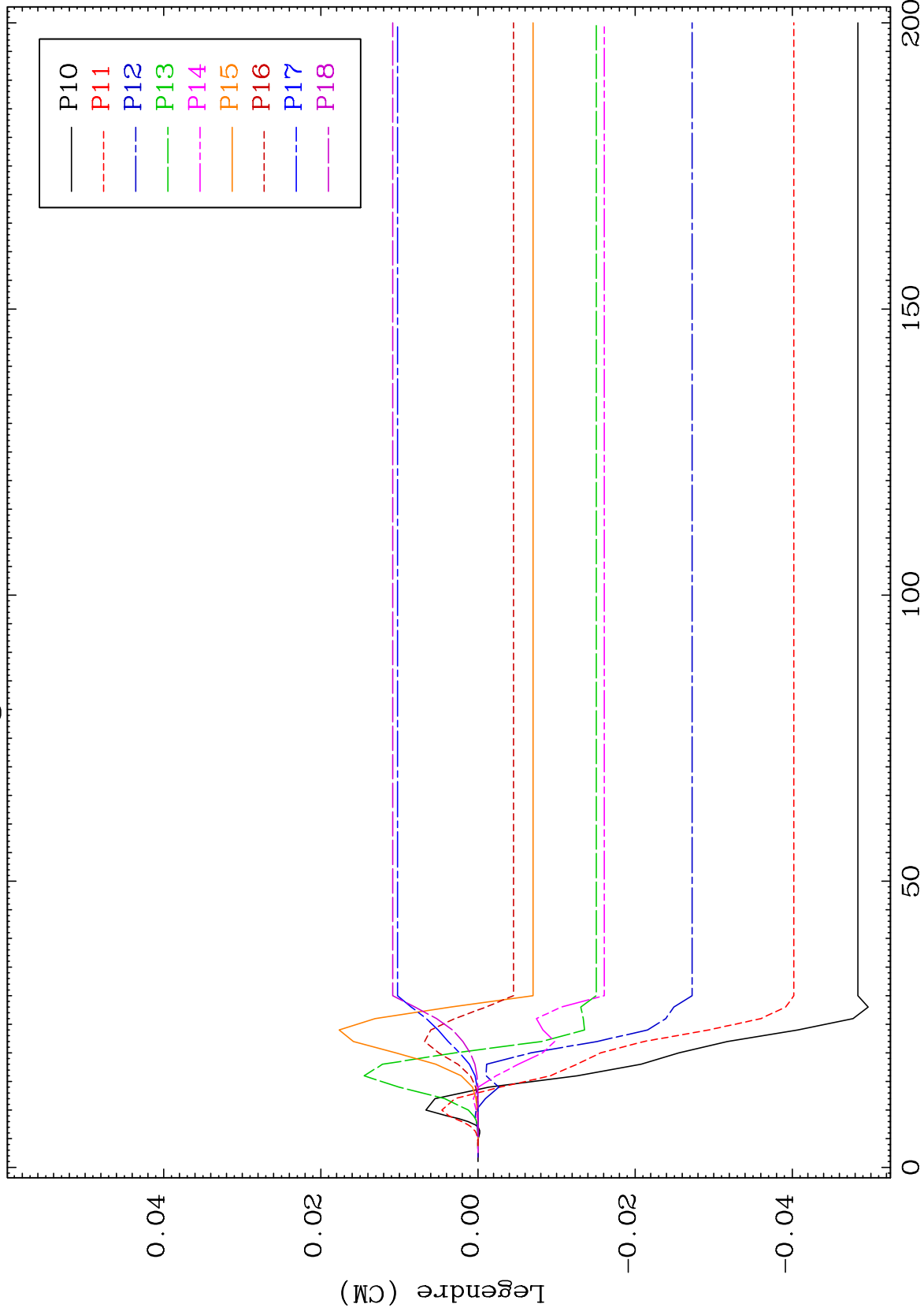
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



37

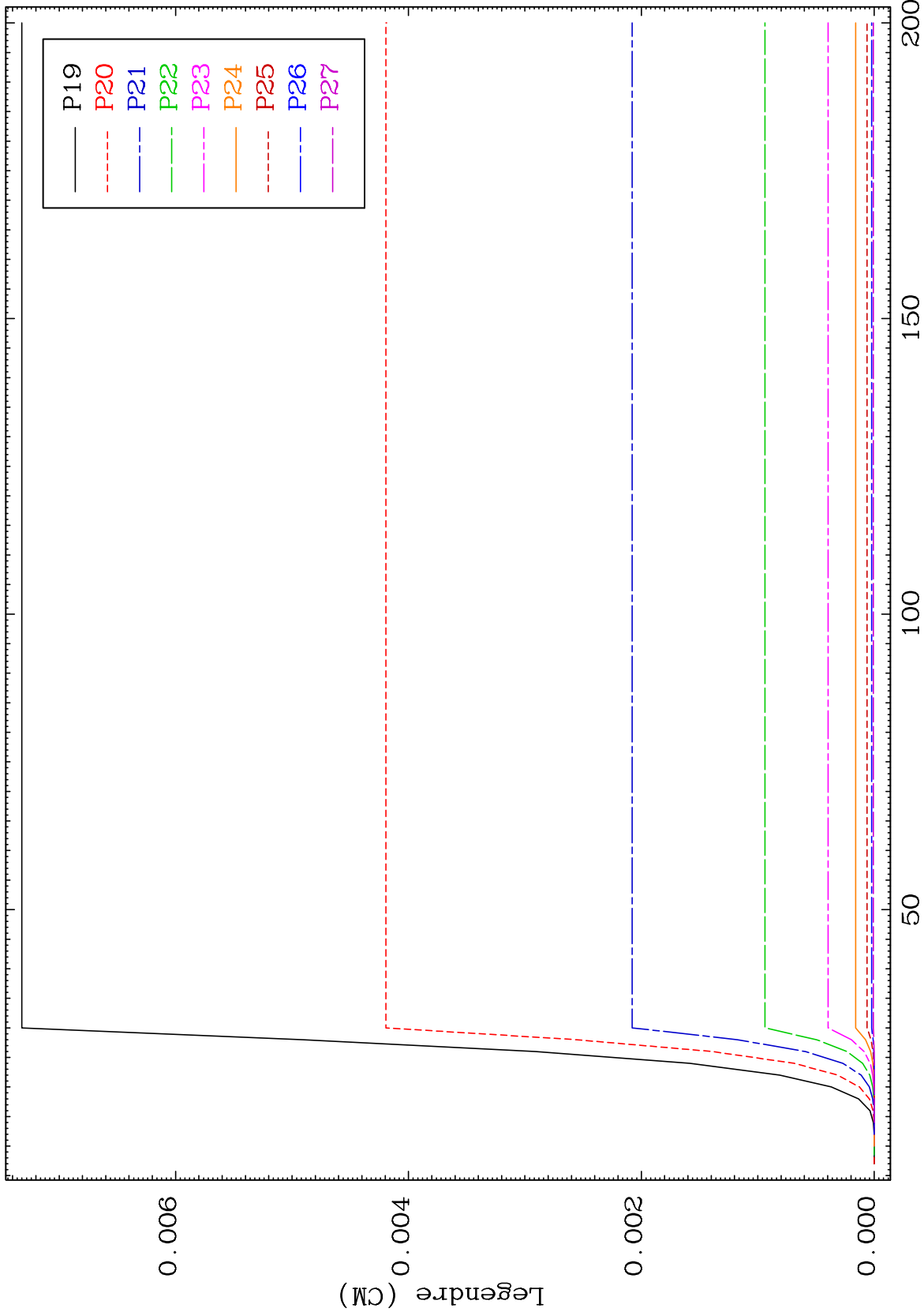
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



38

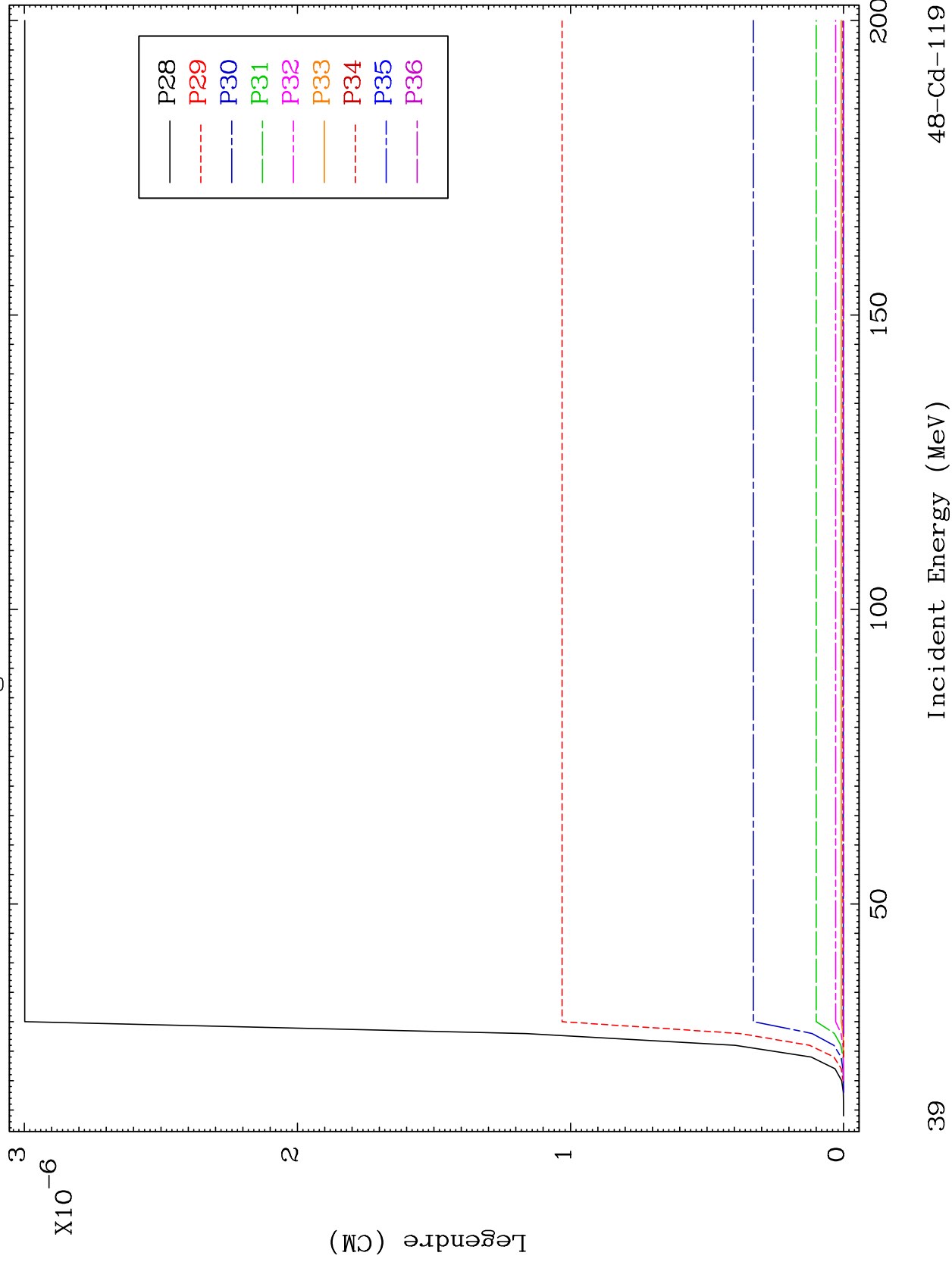
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

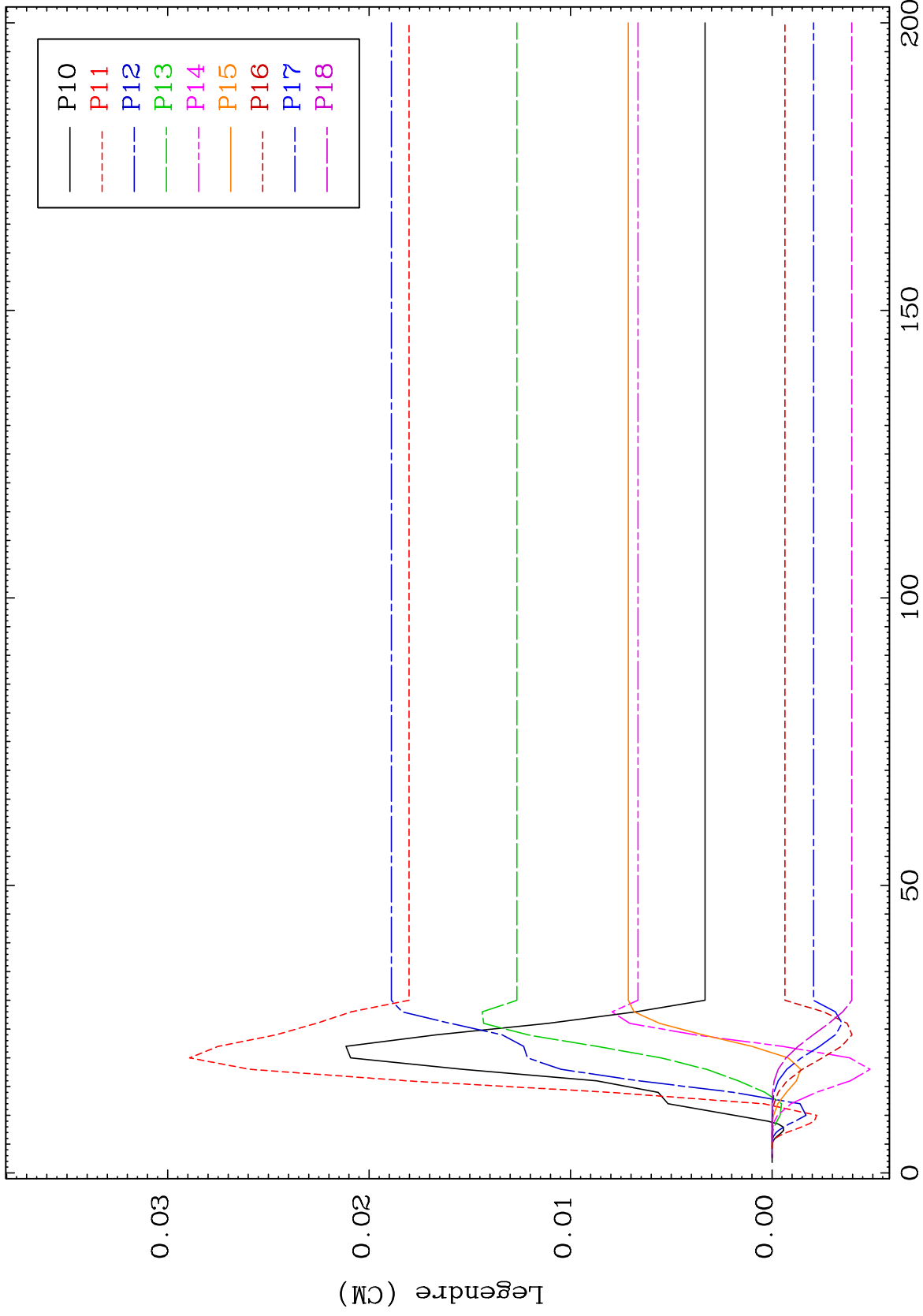
48-Cd-119



MAT 4864

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

48-Cd-119



41

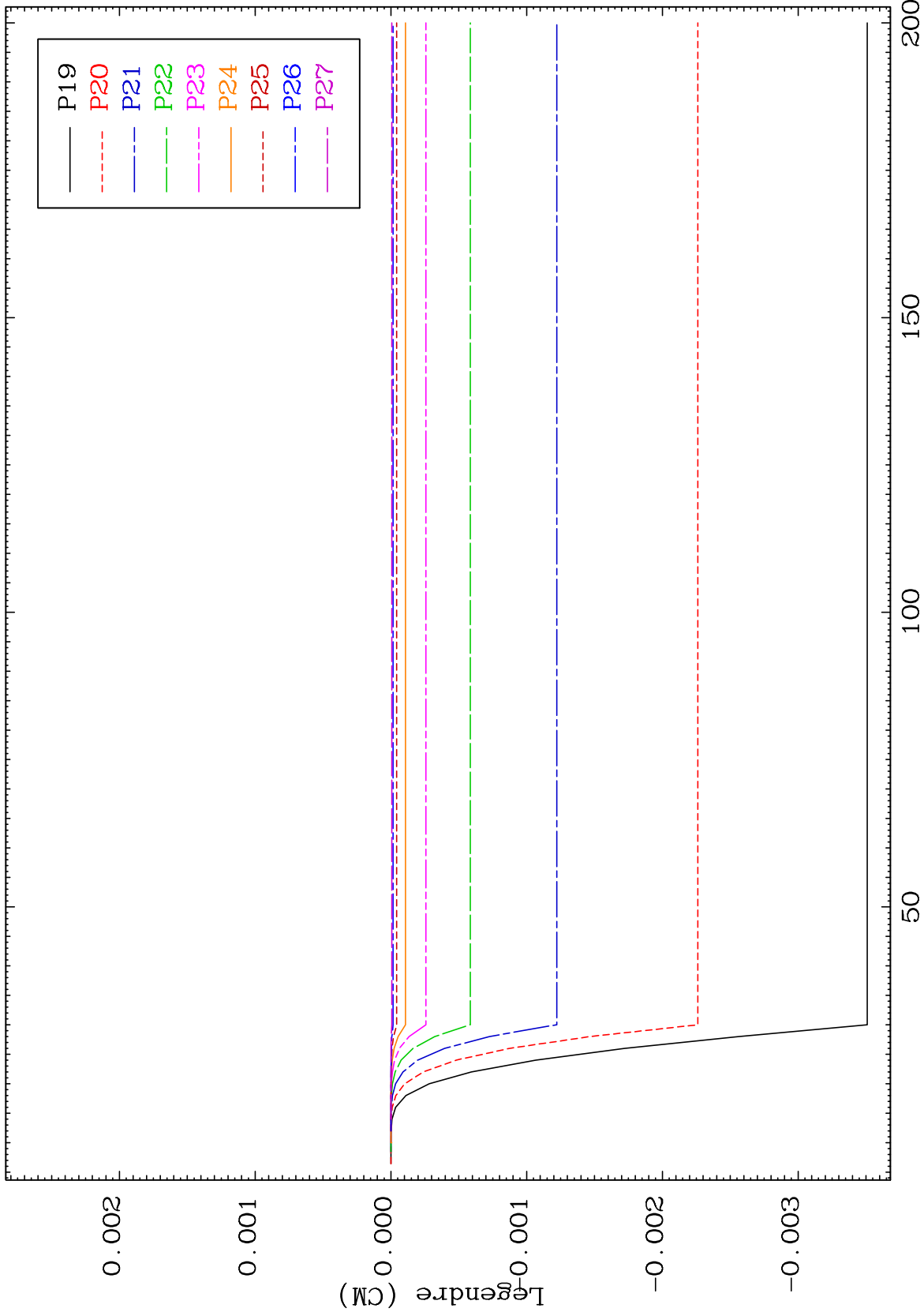
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



42

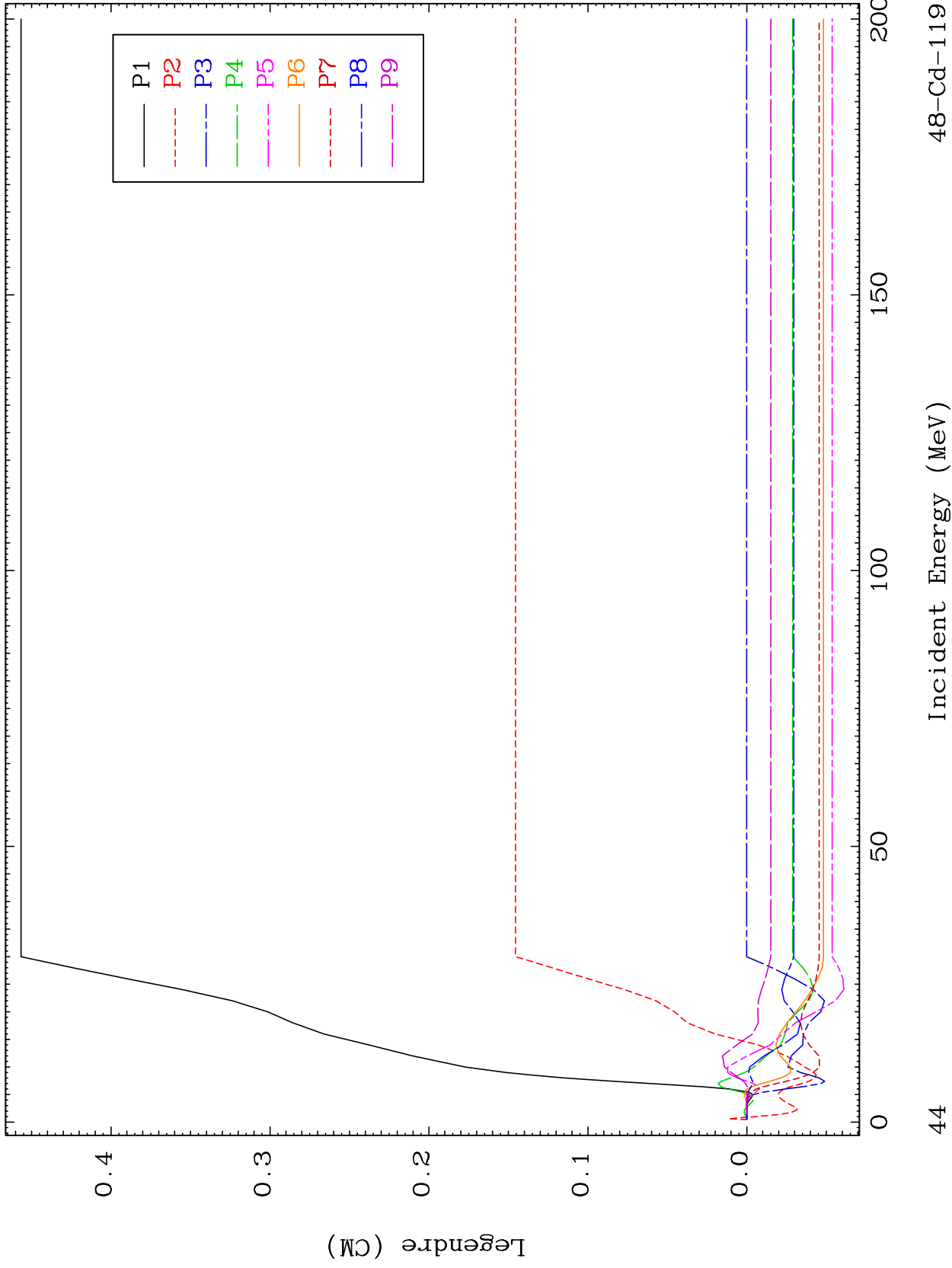
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



44

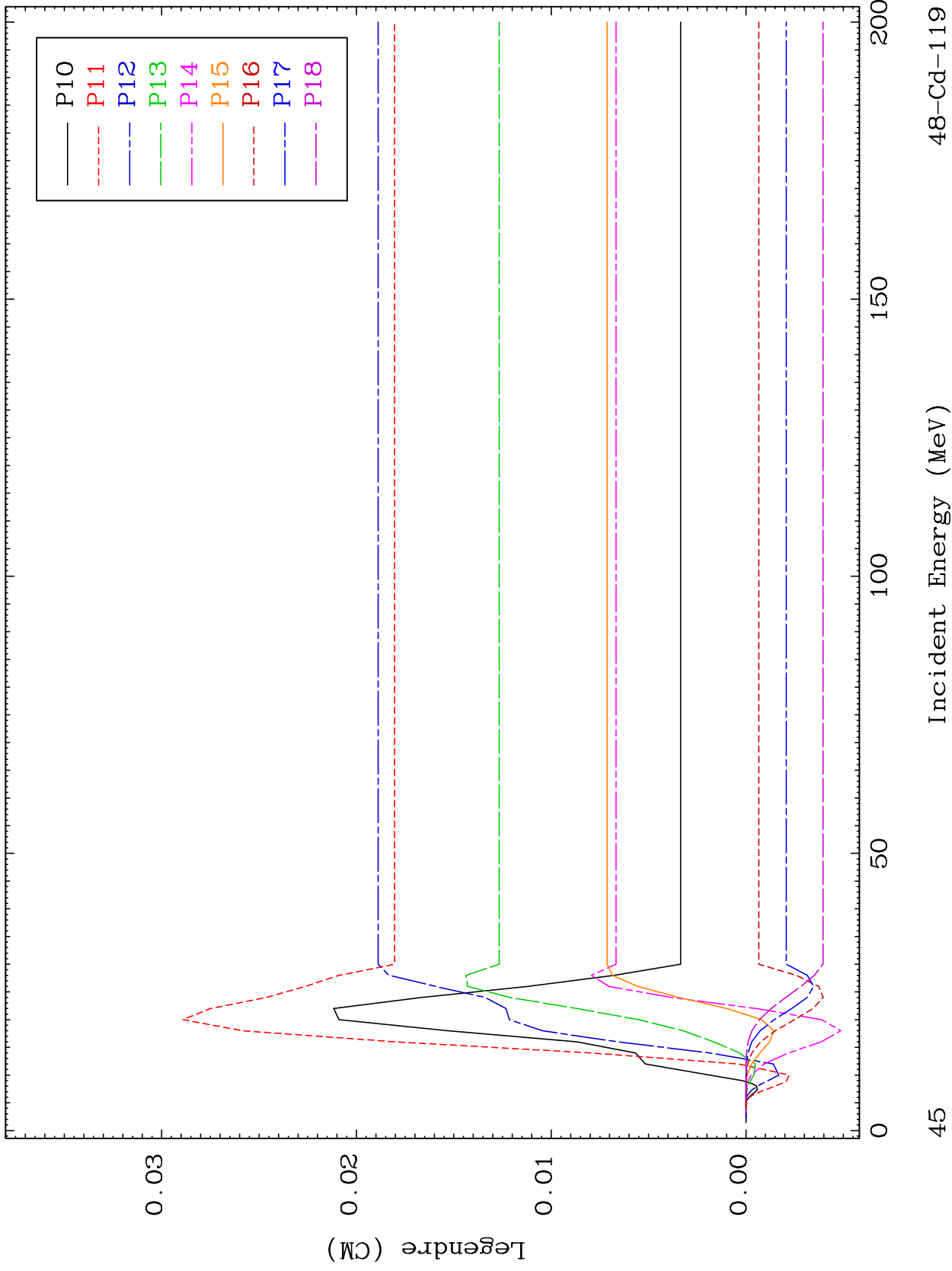
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

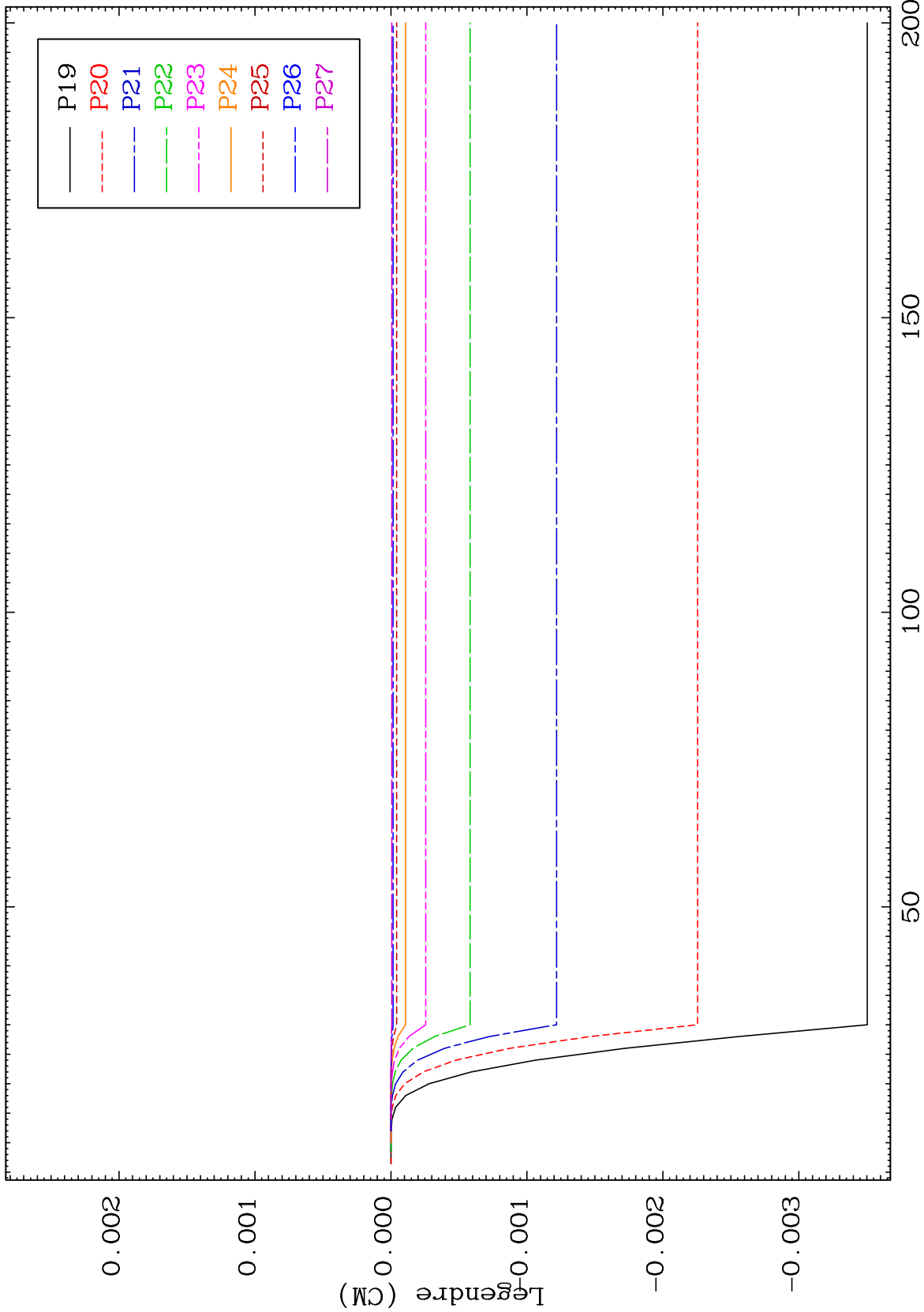
Incident Energy (MeV)

45

MAT 4864

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

48-Cd-119



46

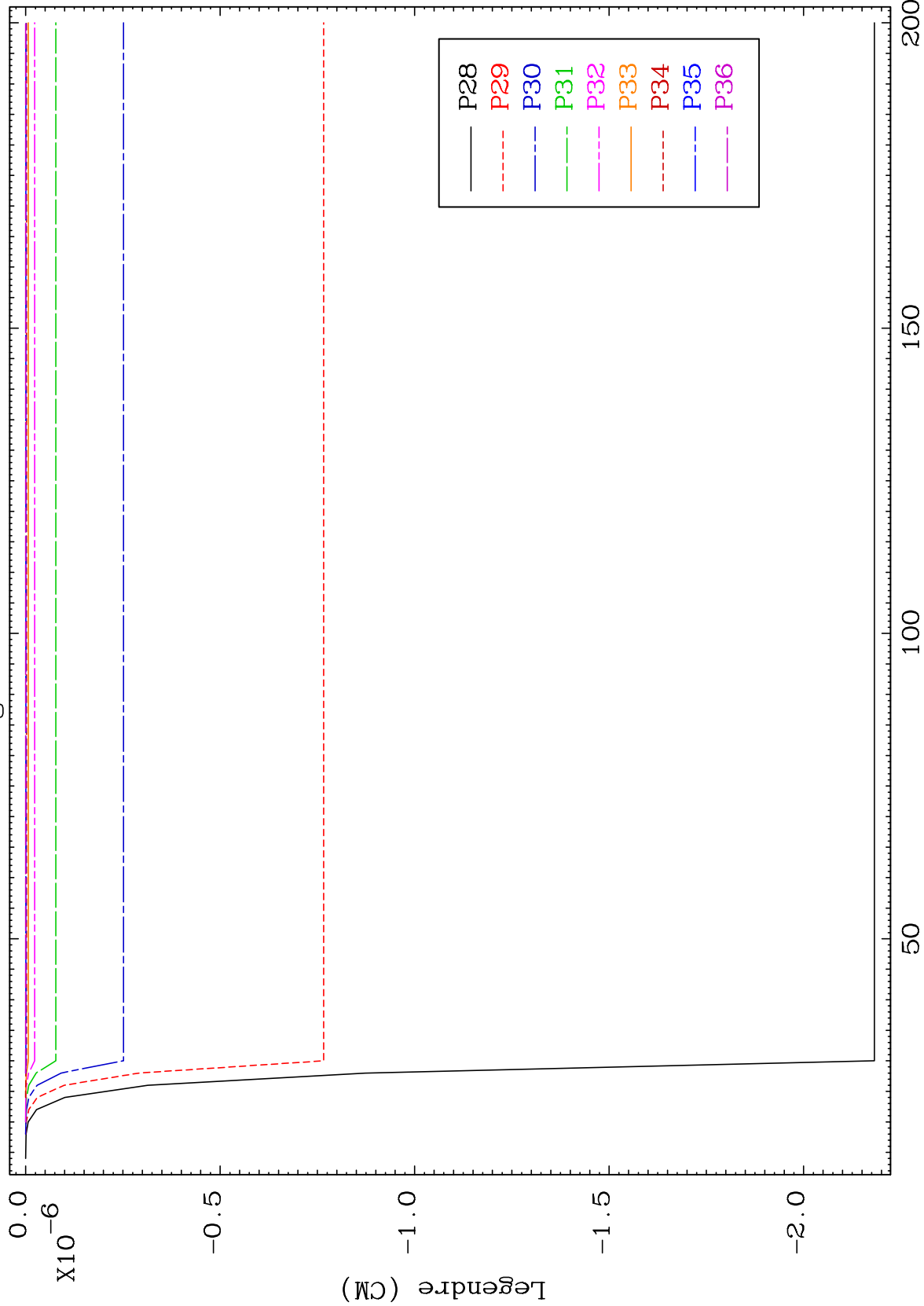
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



47

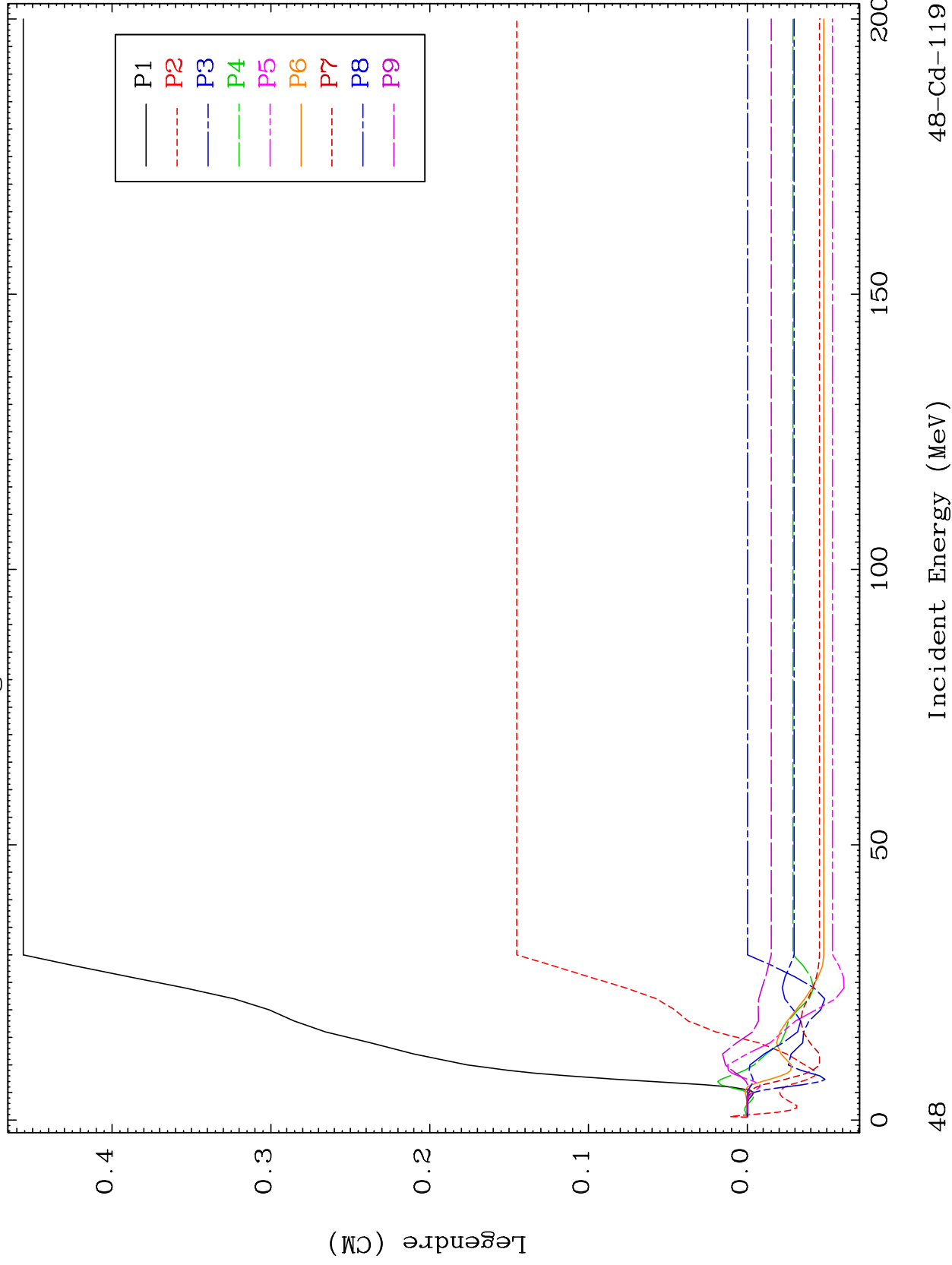
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

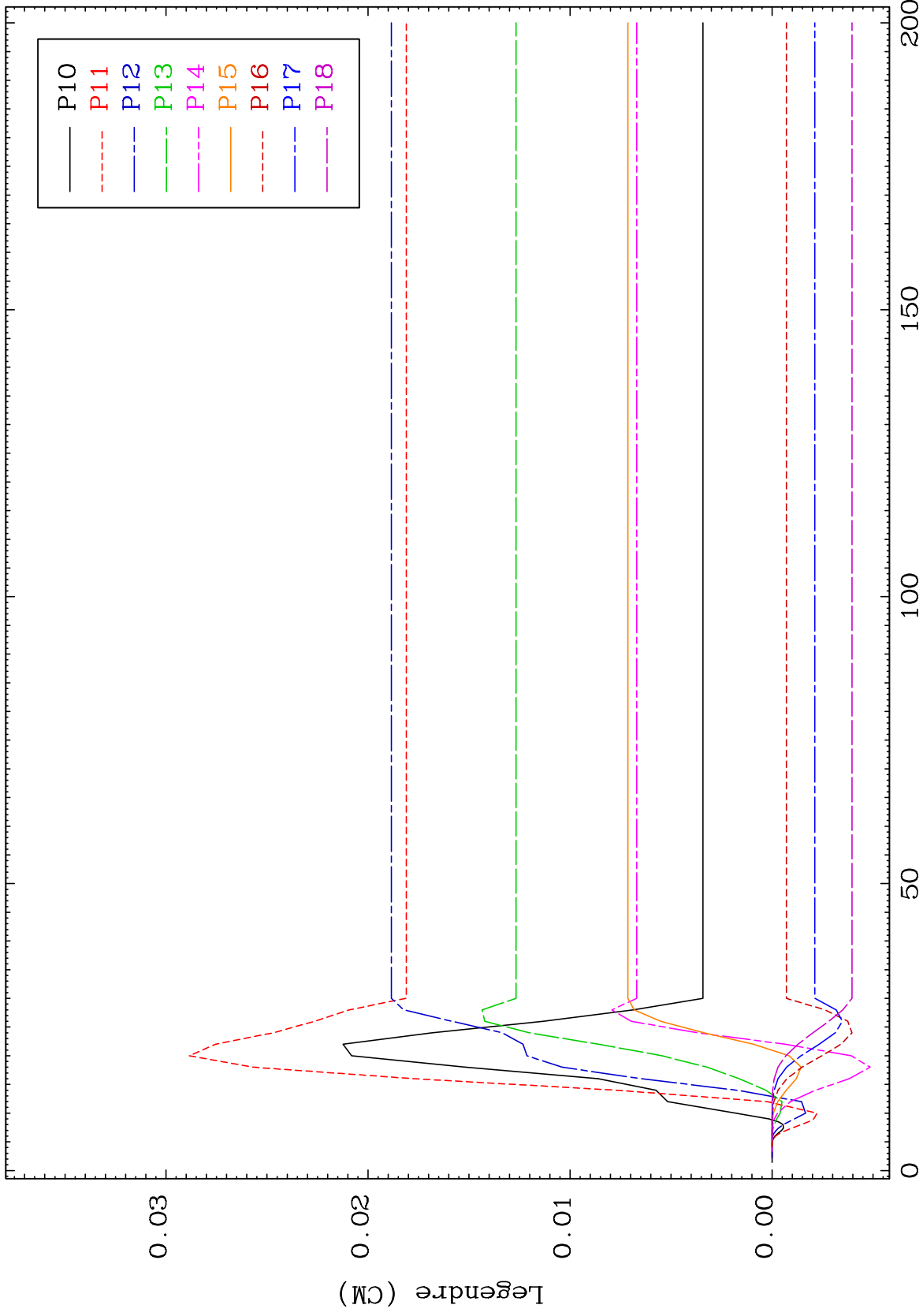
Incident Energy (MeV)

48

MAT 4864

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

48-Cd-119



49

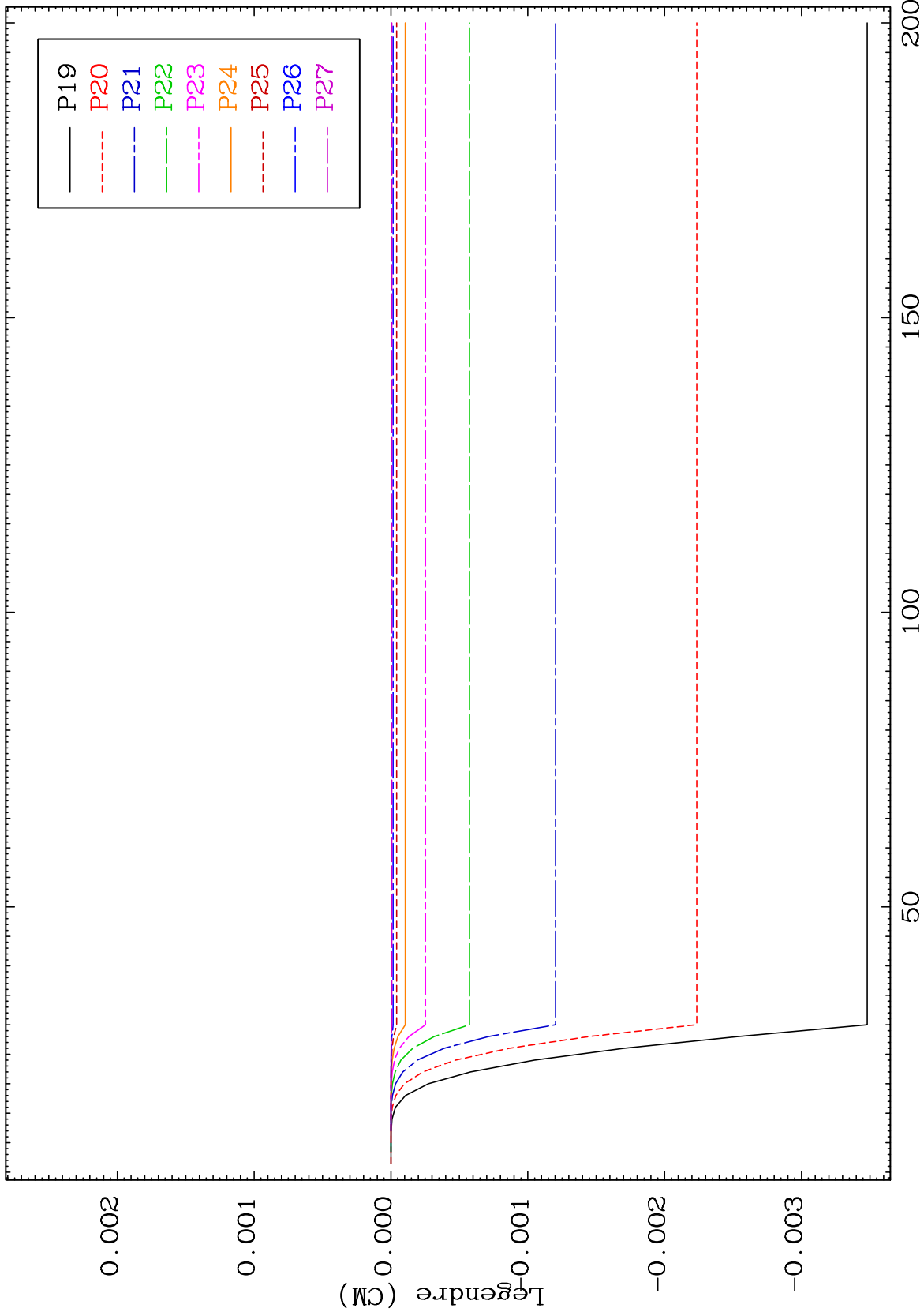
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



50

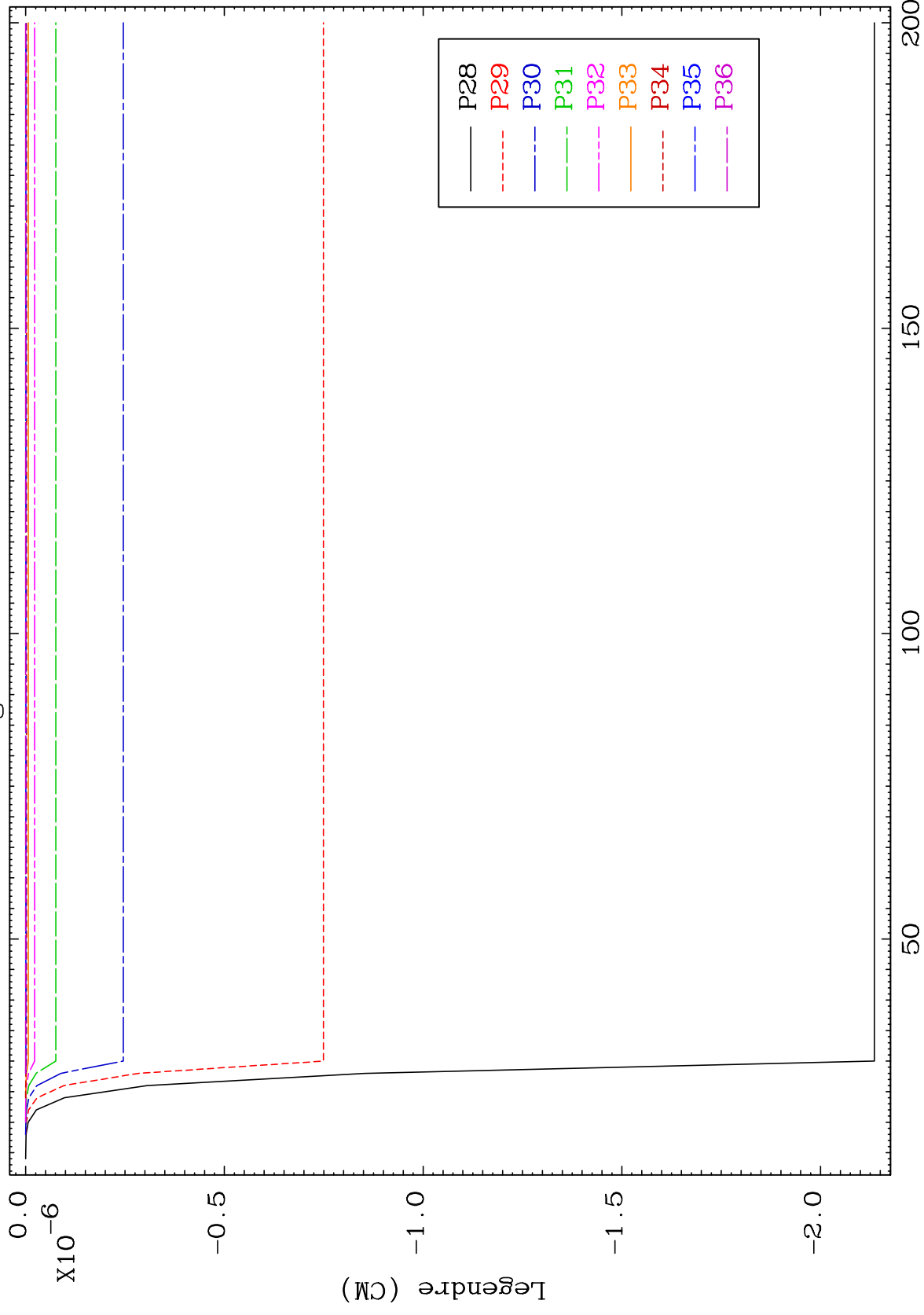
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

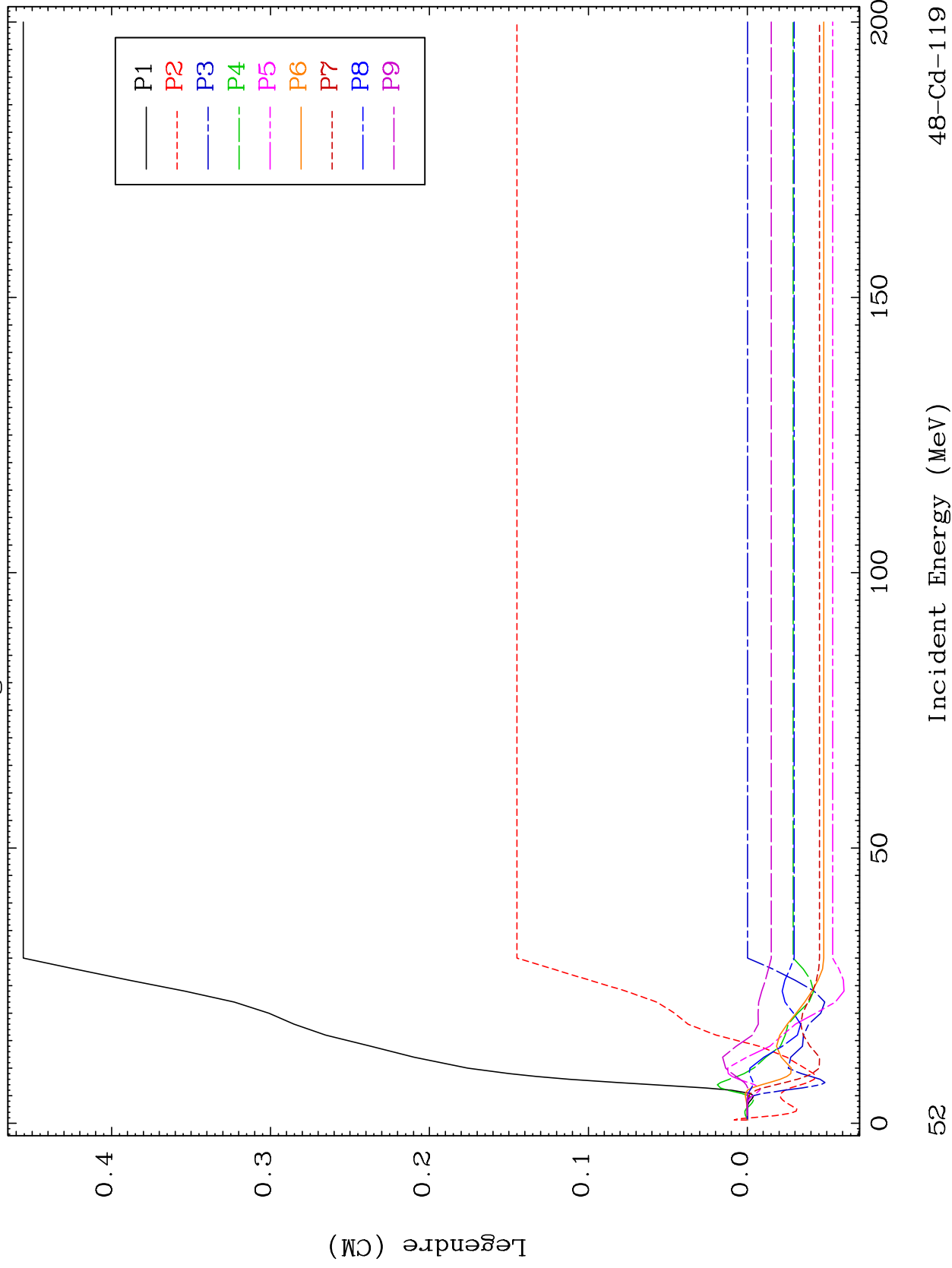
48-Cd-119



MAT 4864

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

48-Cd-119



48-Cd-119

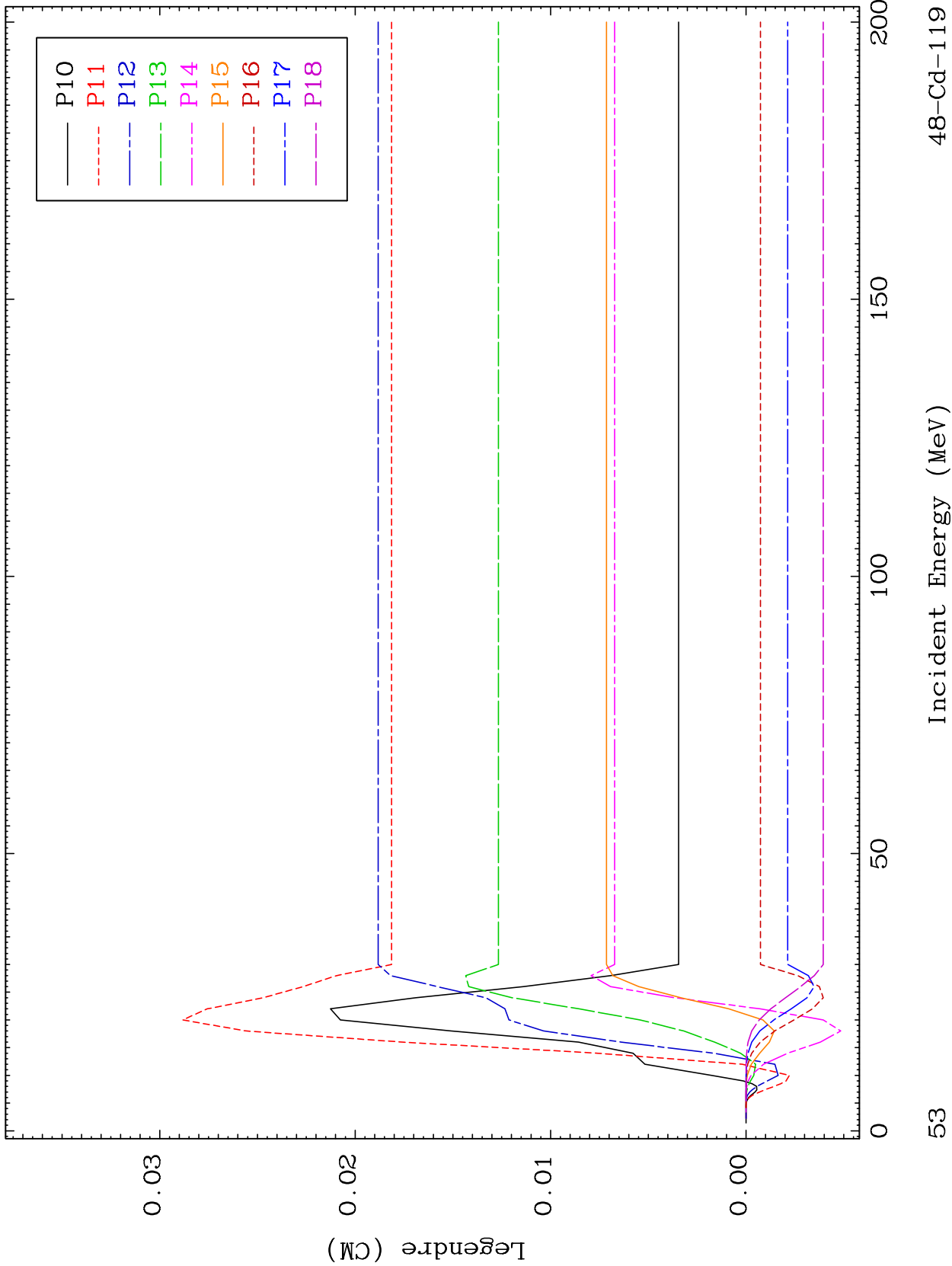
Incident Energy (MeV)

52

MAT 4864

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

48-Cd-119



48-Cd-119

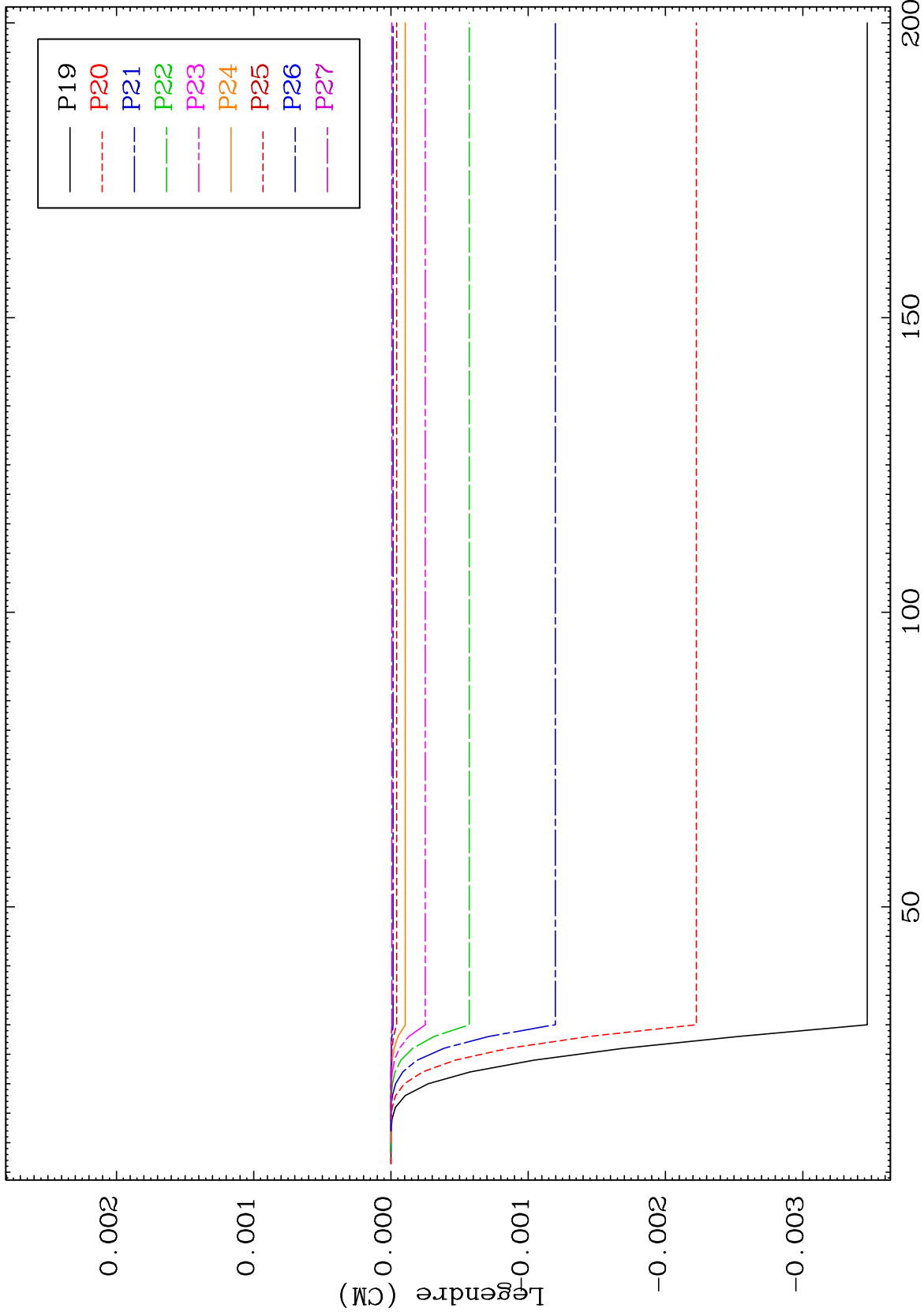
Incident Energy (MeV)

53

MAT 4864

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

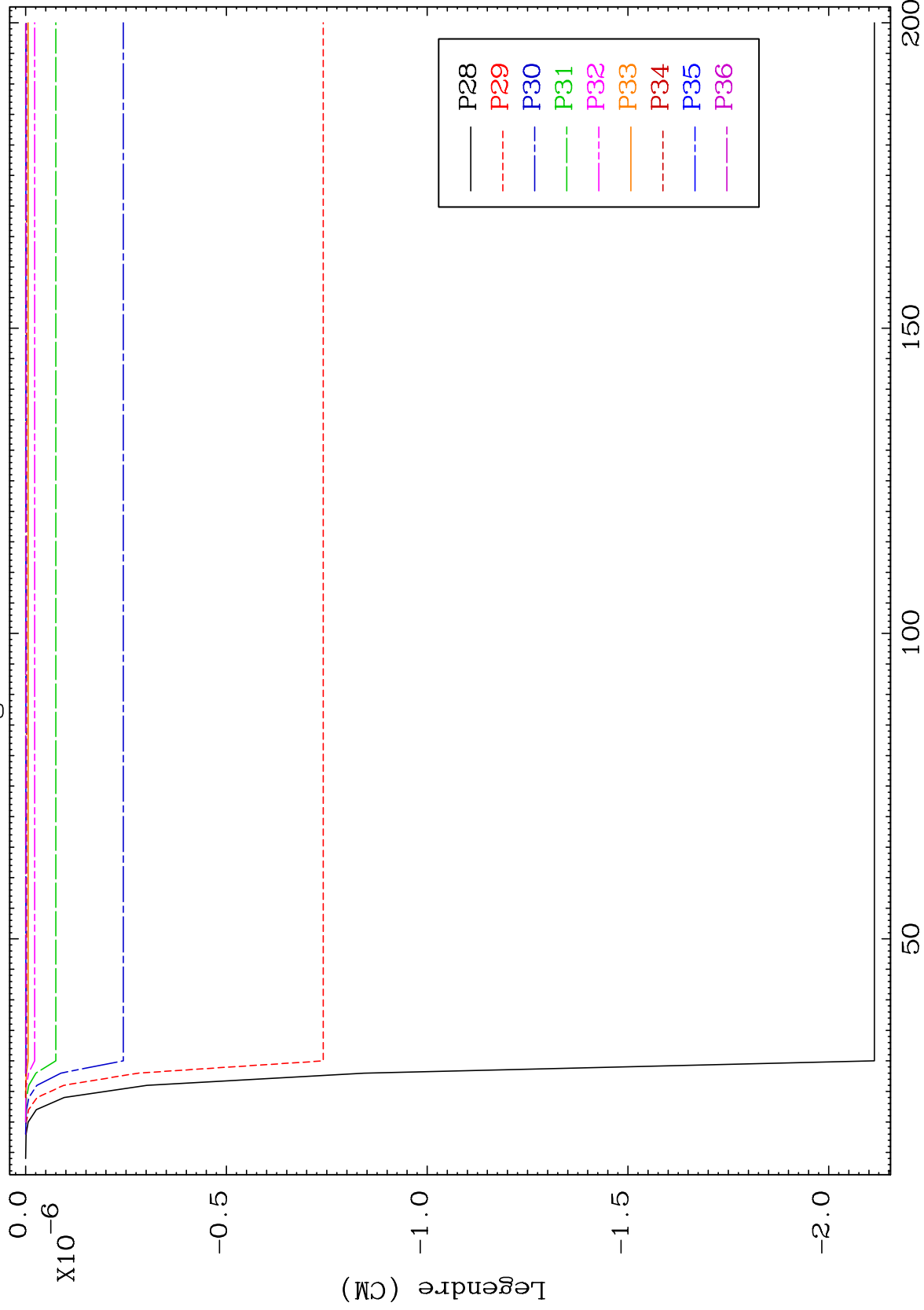
48-Cd-119



MAT 4864

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

48-Cd-119



55

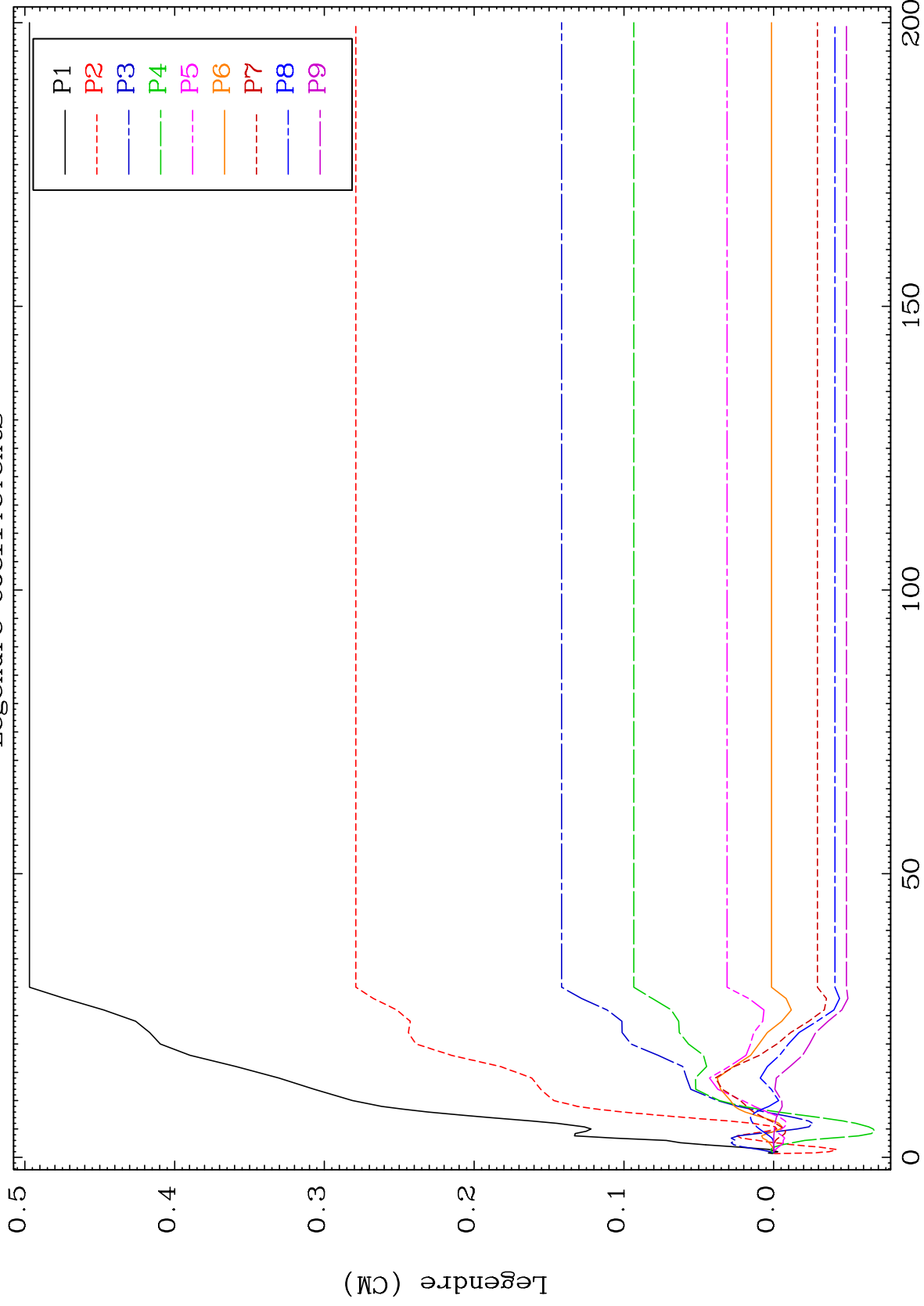
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



56

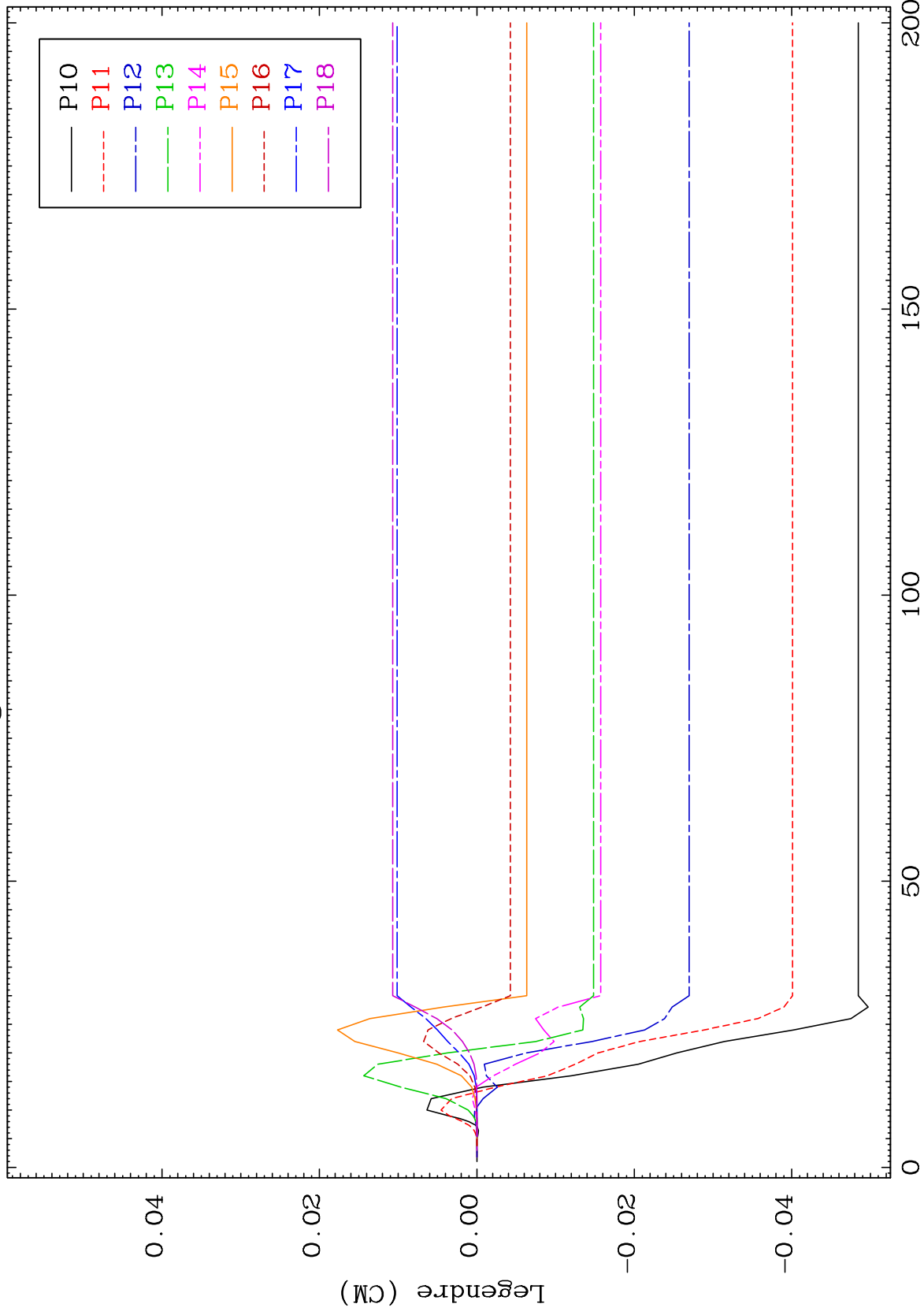
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



57

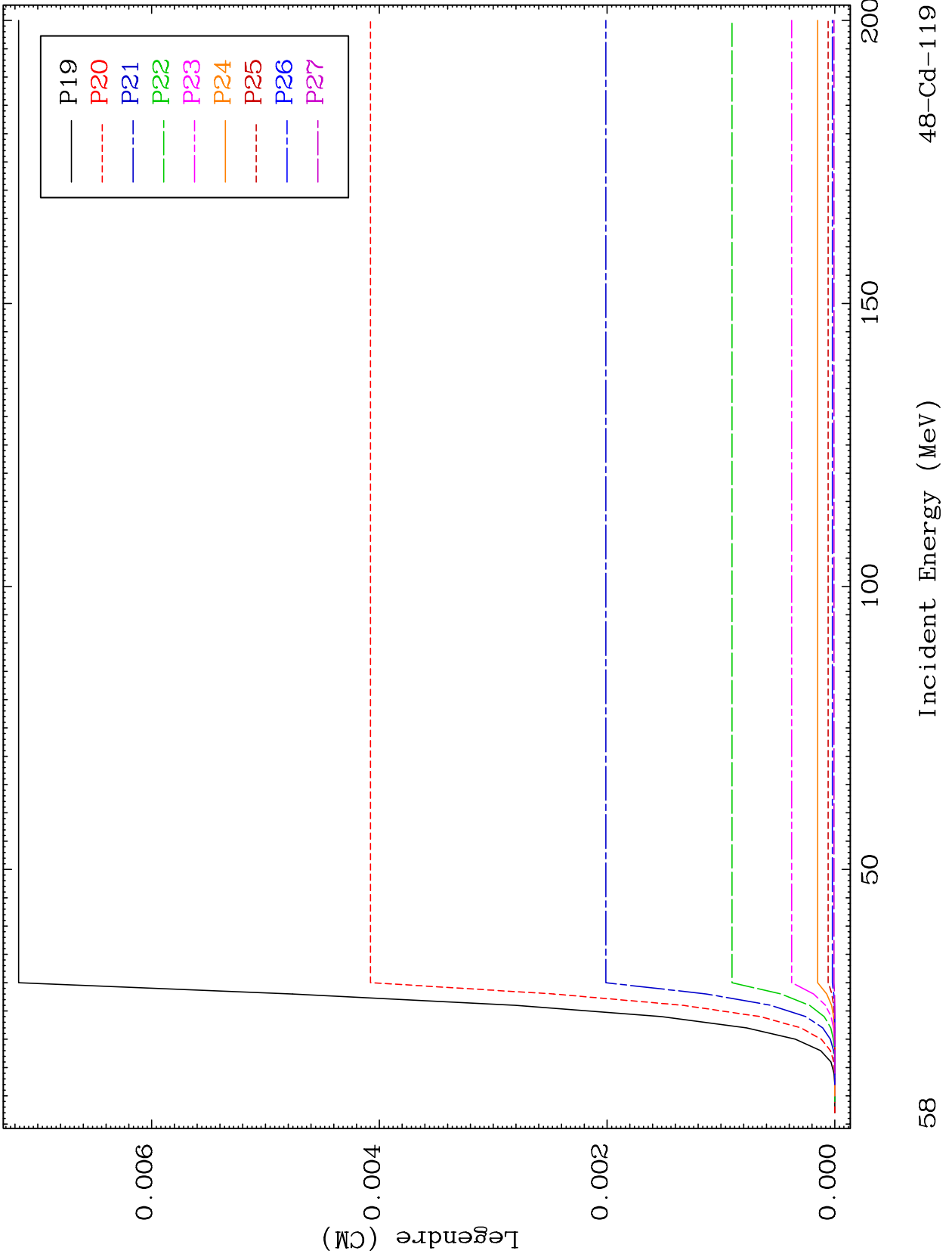
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



58

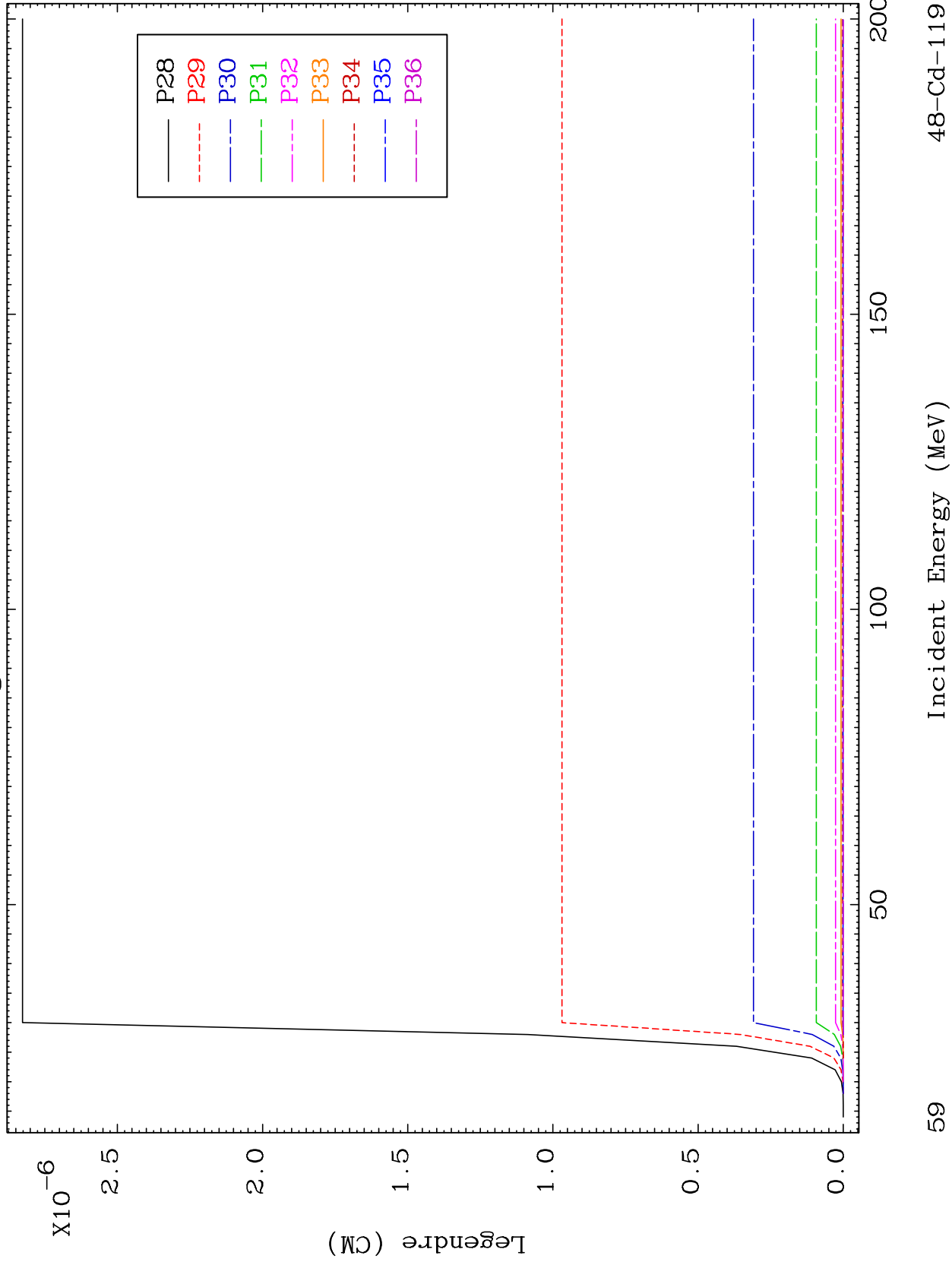
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

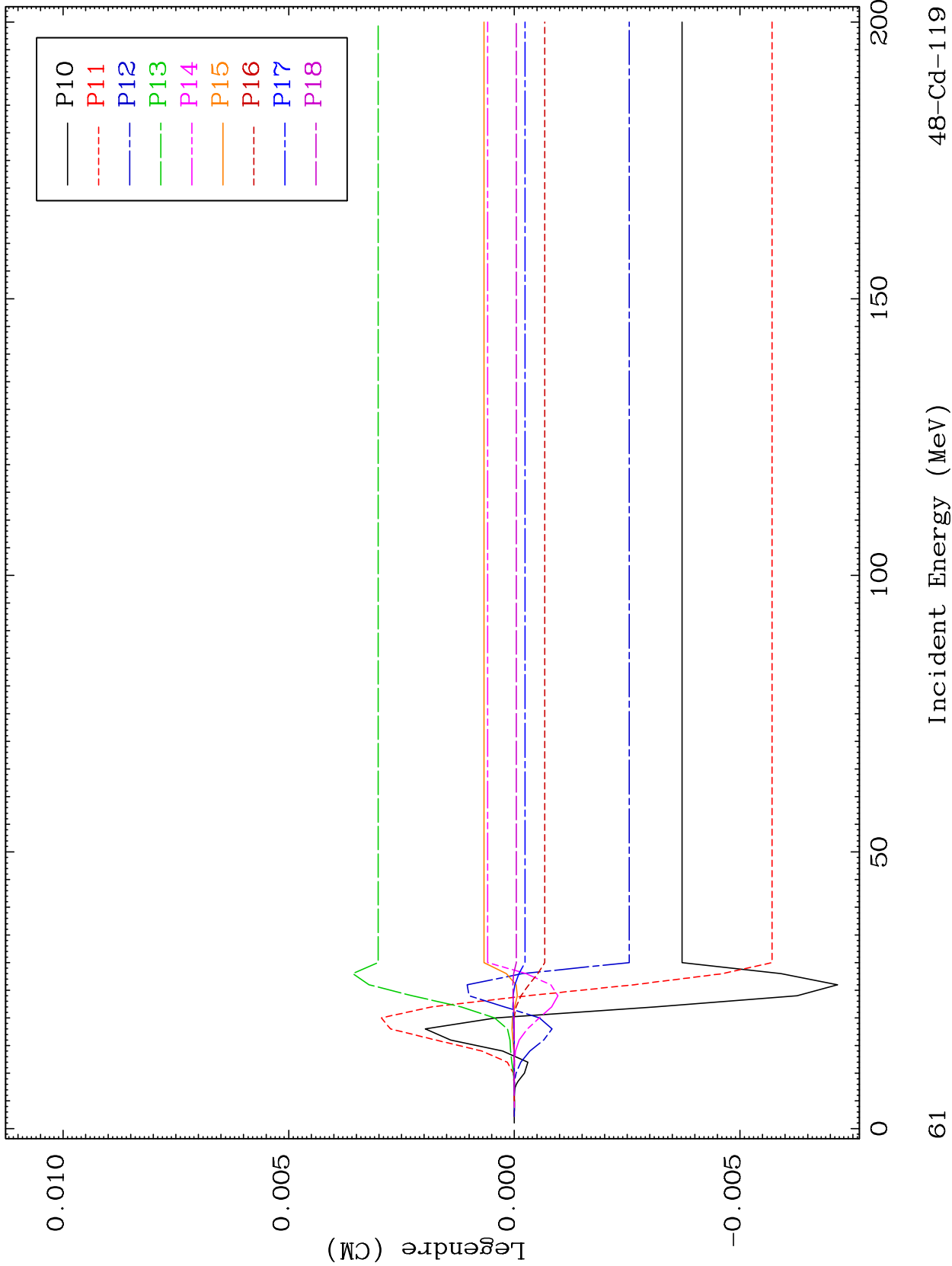
48-Cd-119



MAT 4864

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

48-Cd-119



48-Cd-119

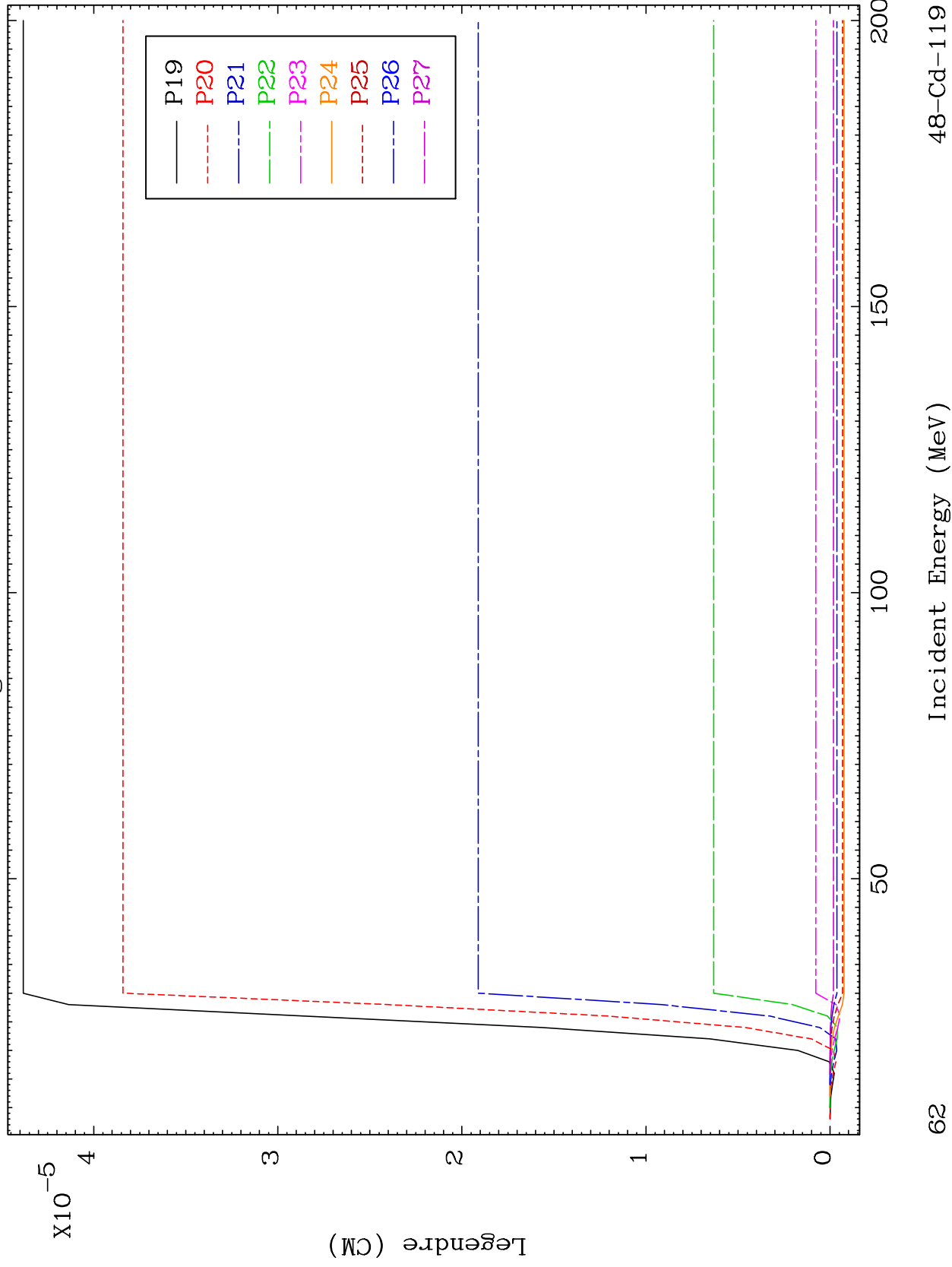
Incident Energy (MeV)

61

MAT 4864

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

48-Cd-119



48-Cd-119

Incident Energy (MeV)

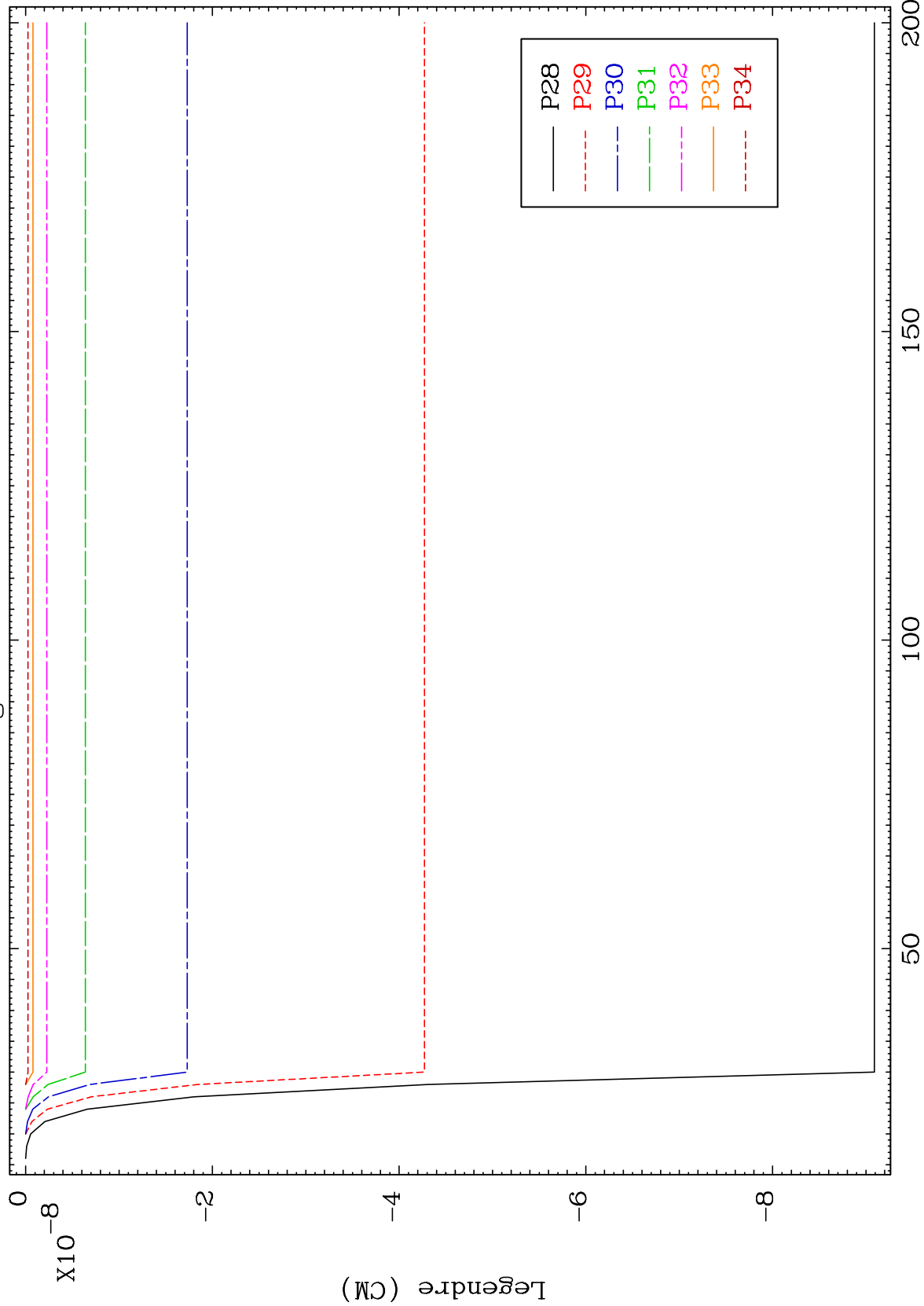
62

MAT 4864

MT= 61 (n,n') Level

48-Cd-119

Legendre Coefficients



63

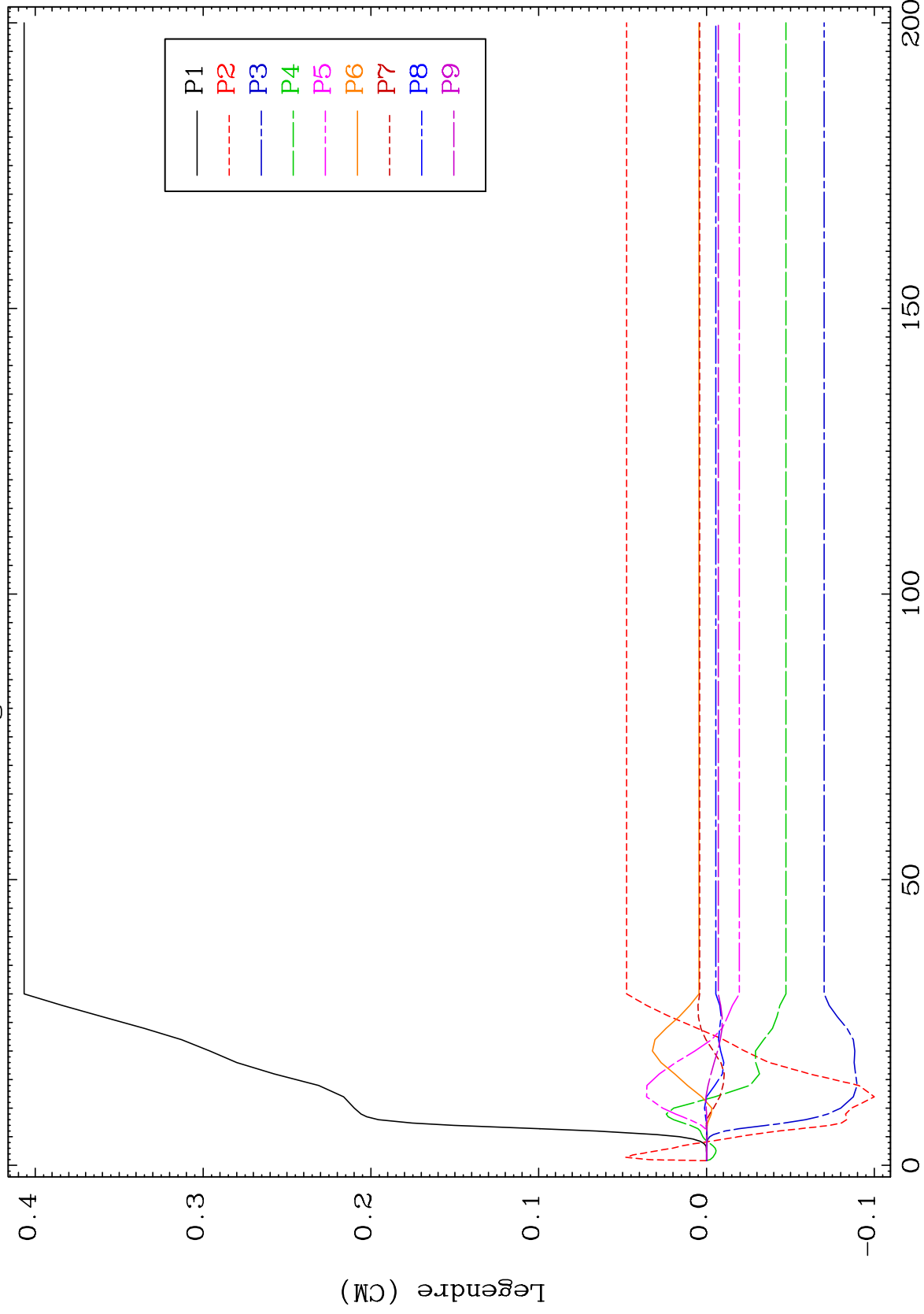
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



64

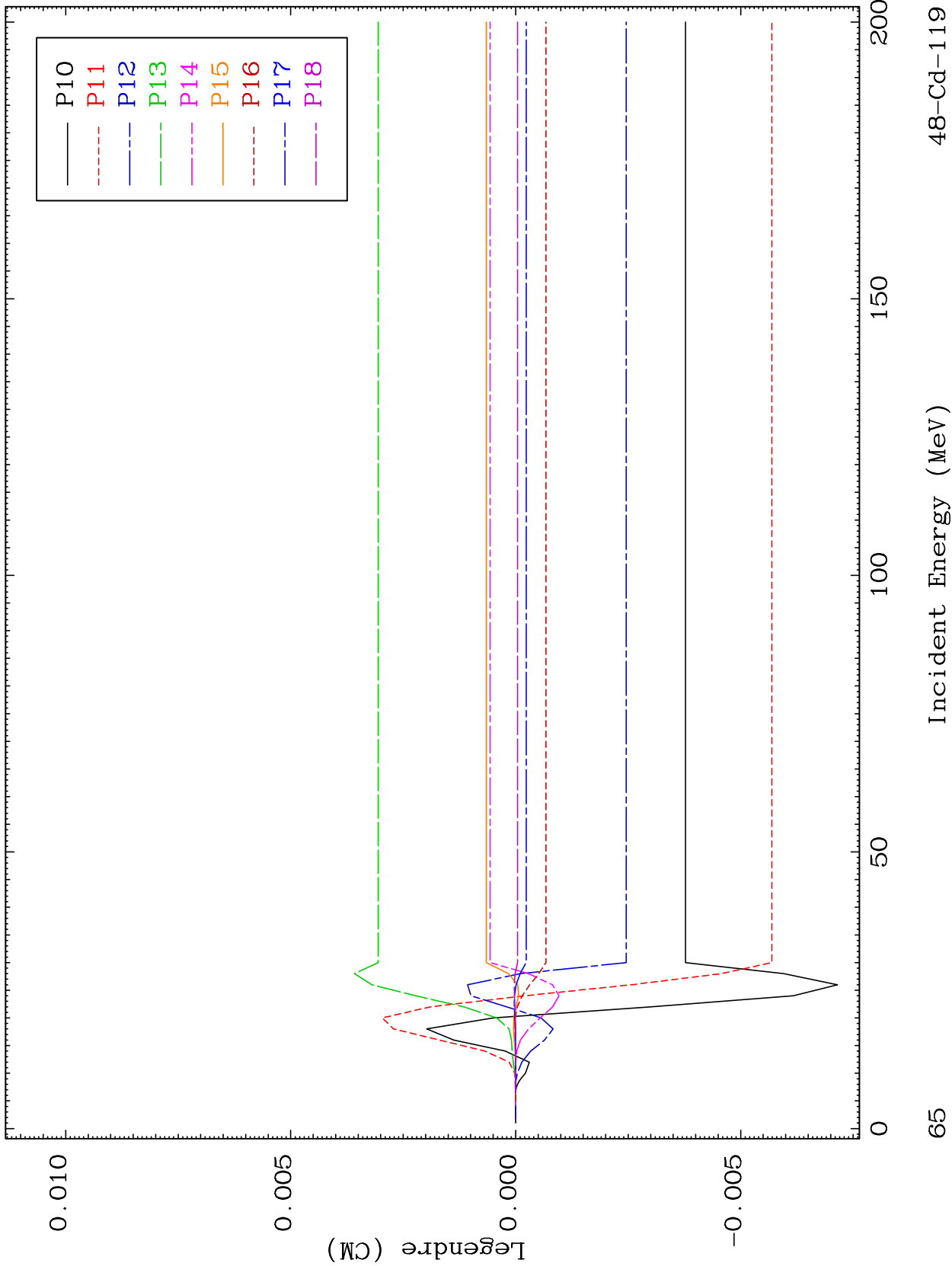
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

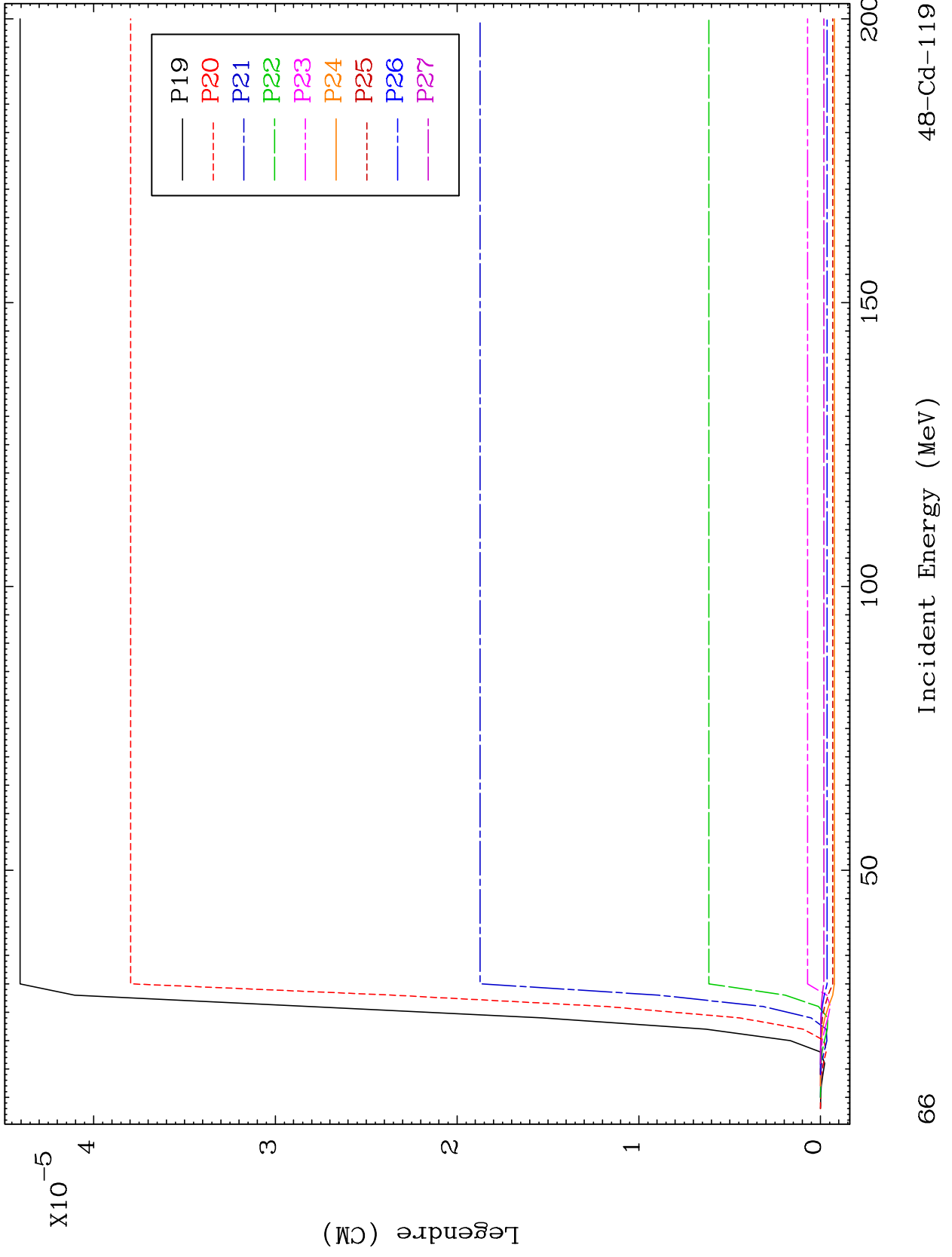
Incident Energy (MeV)

65

MAT 4864

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

48-Cd-119

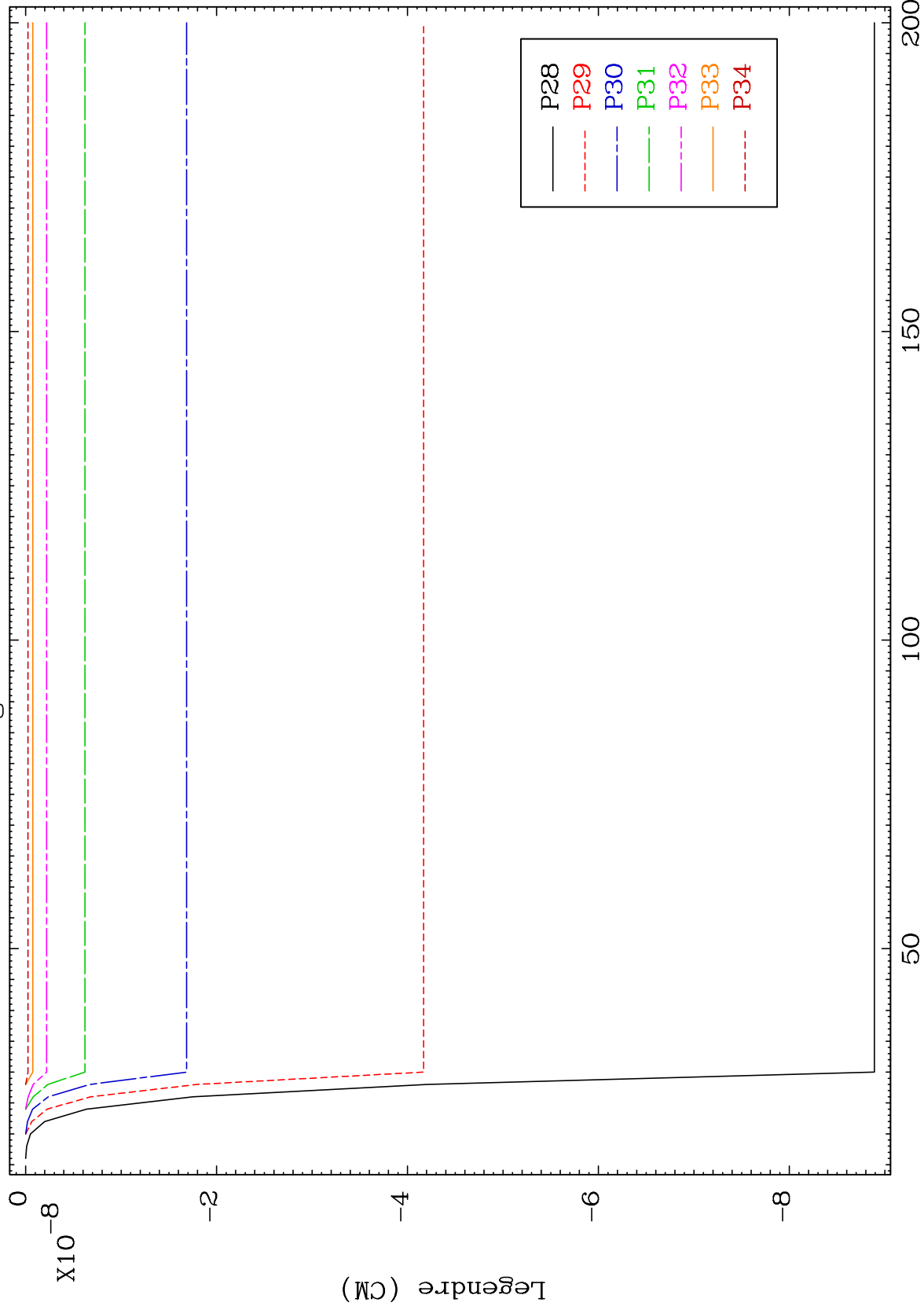


MAT 4864

MT= 62 (n,n') Level

48-Cd-119

Legendre Coefficients



67

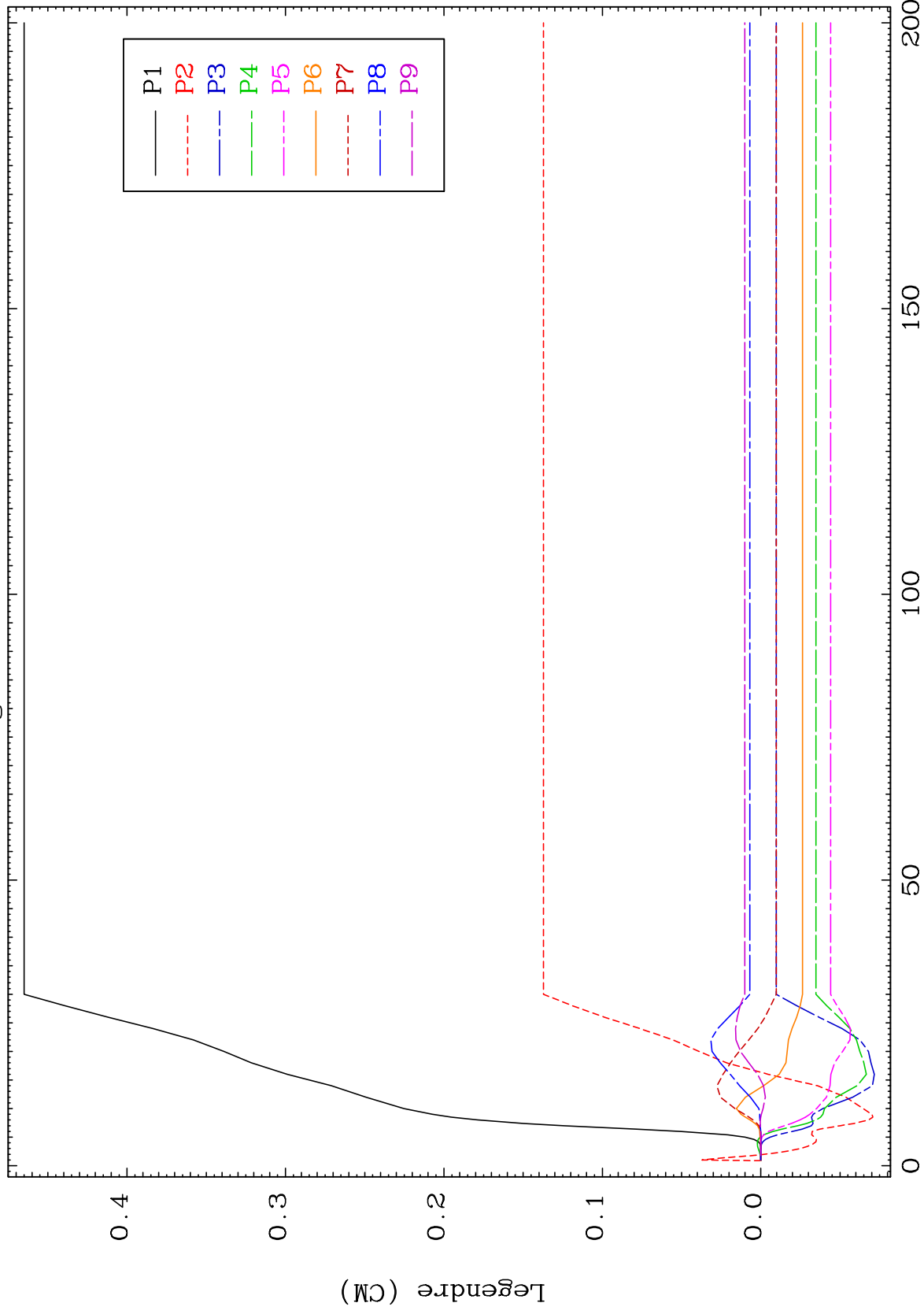
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



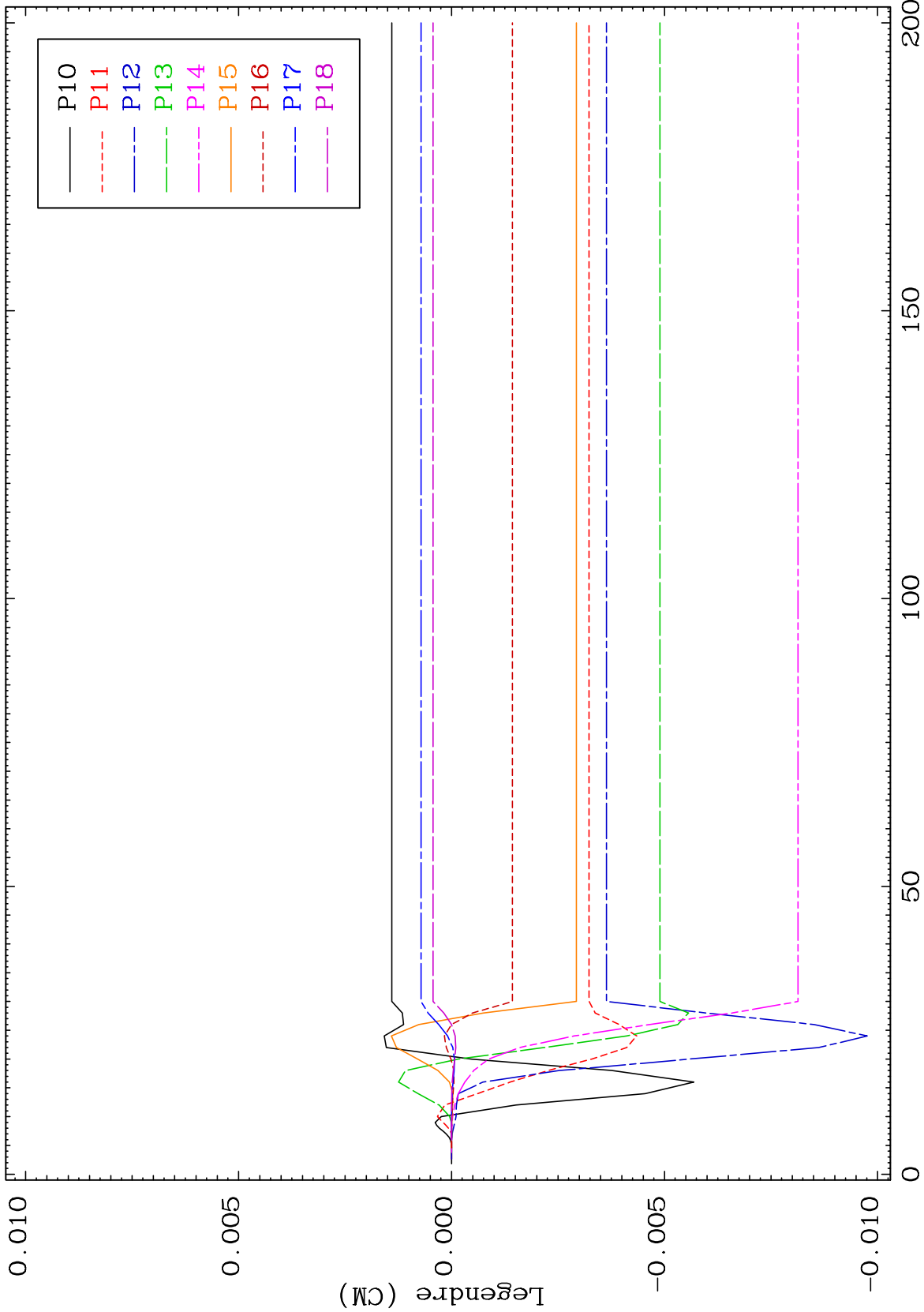
68

48-Cd-119

MAT 4864

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

48-Cd-119



69

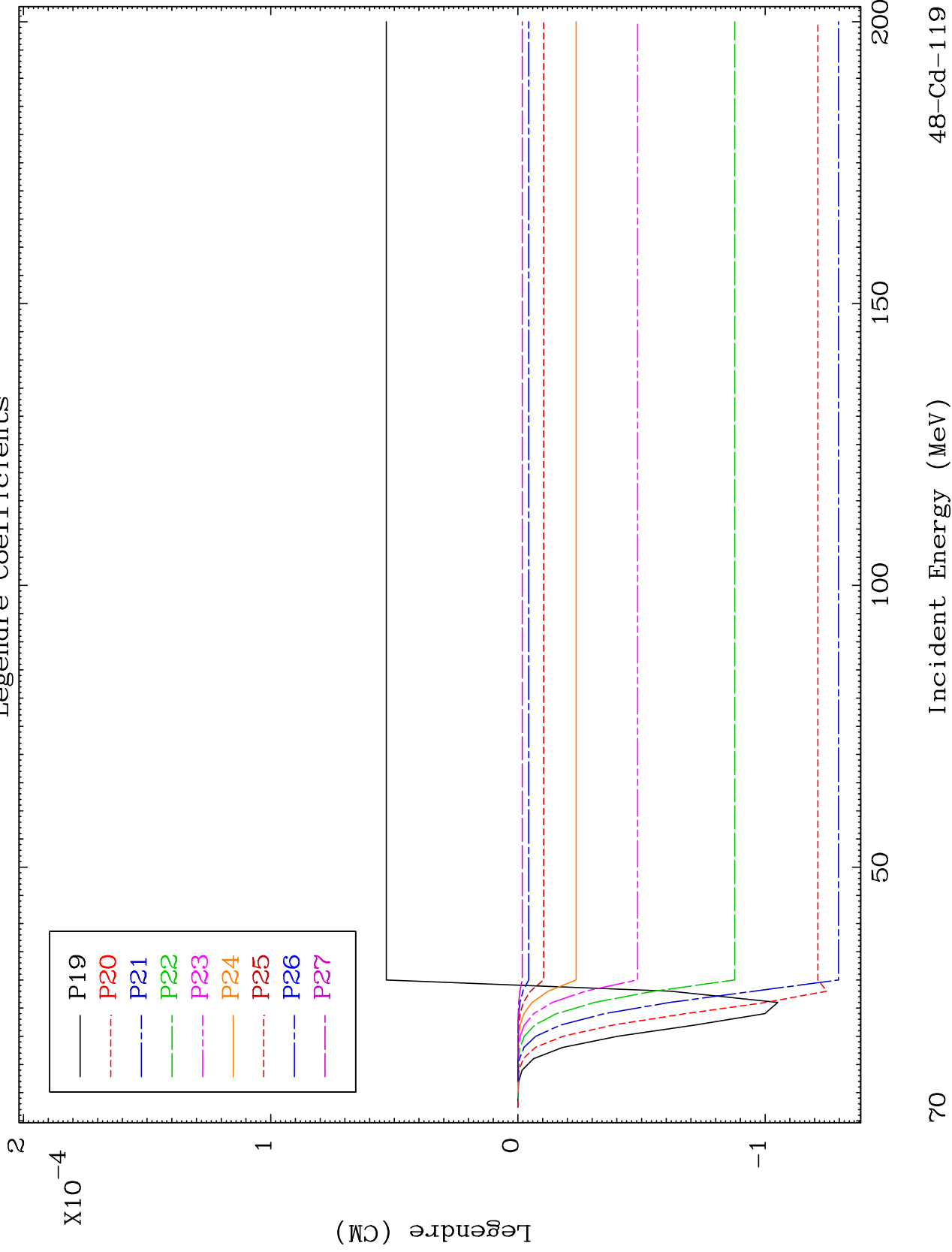
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



70

Incident Energy (MeV)

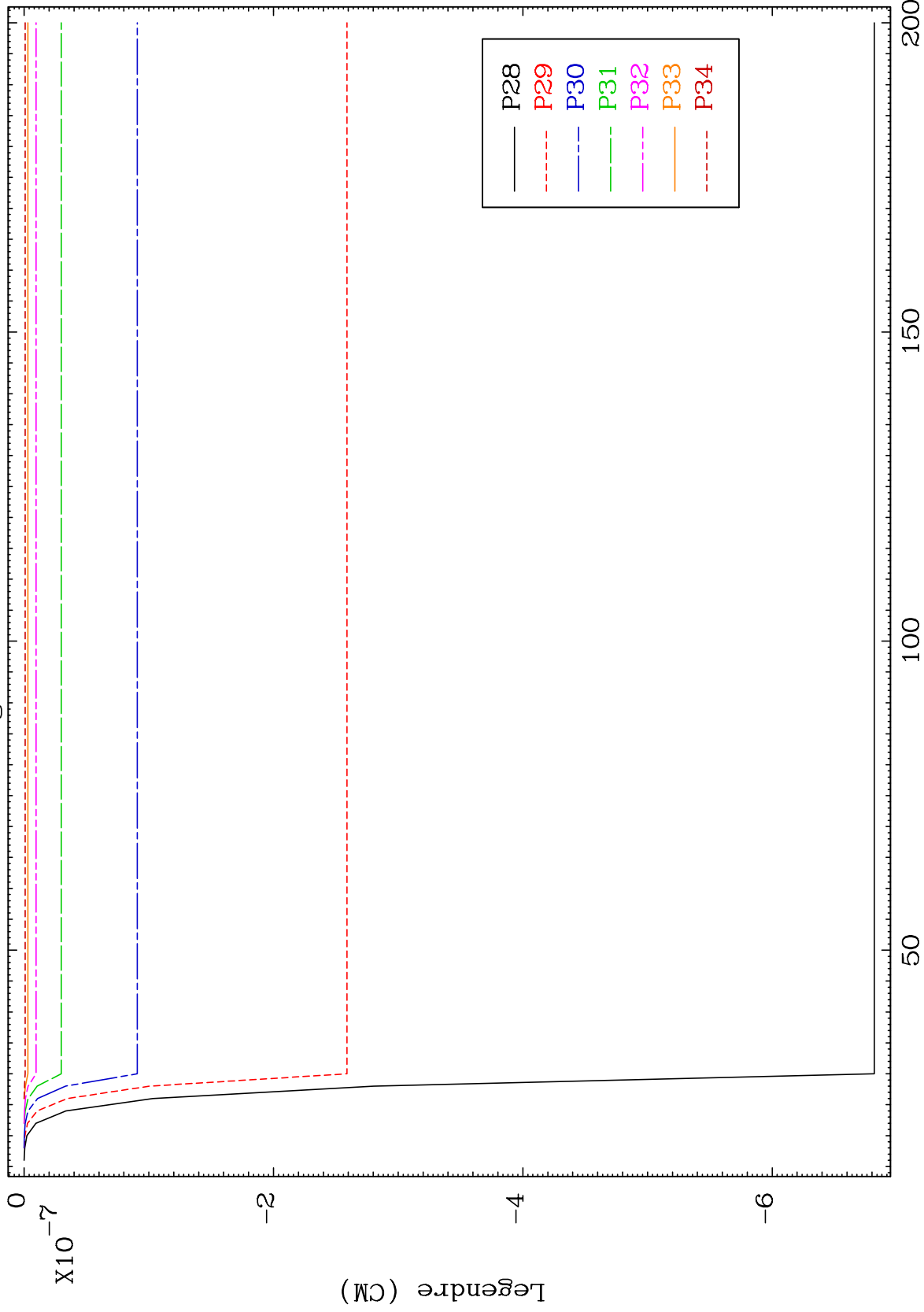
48-Cd-119

MAT 4864

MT= 63 (n,n') Level

48-Cd-119

Legendre Coefficients



71

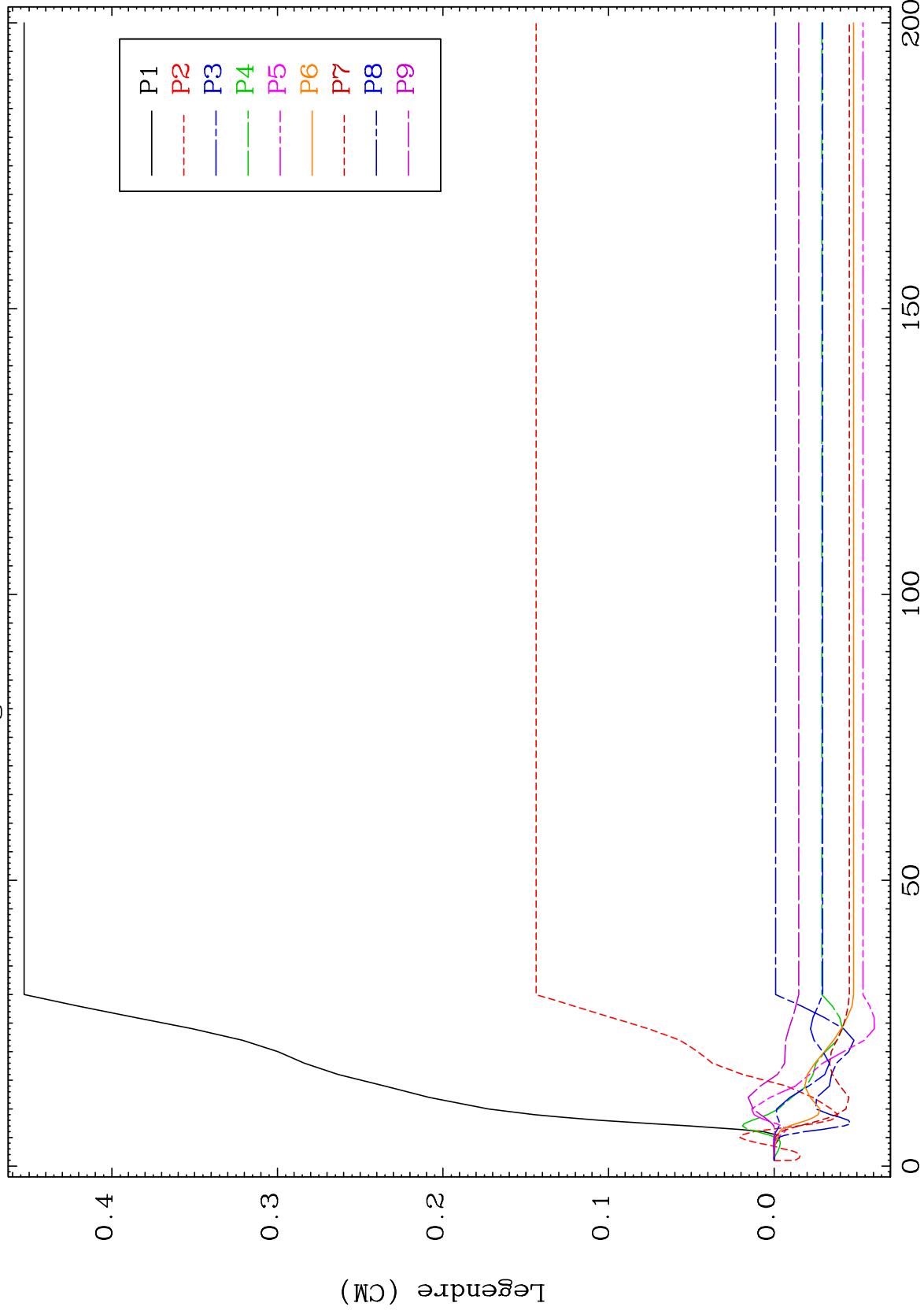
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



72

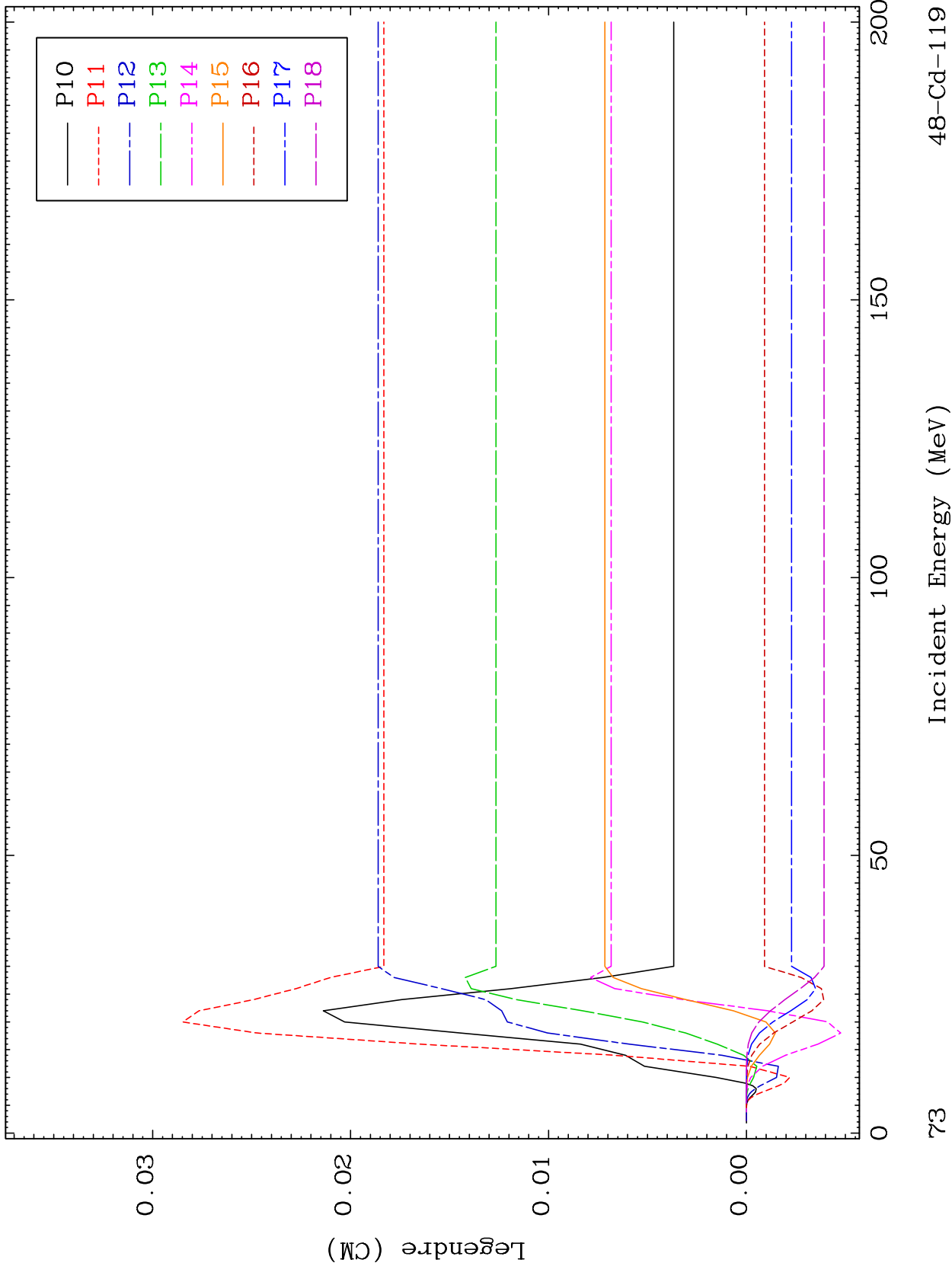
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

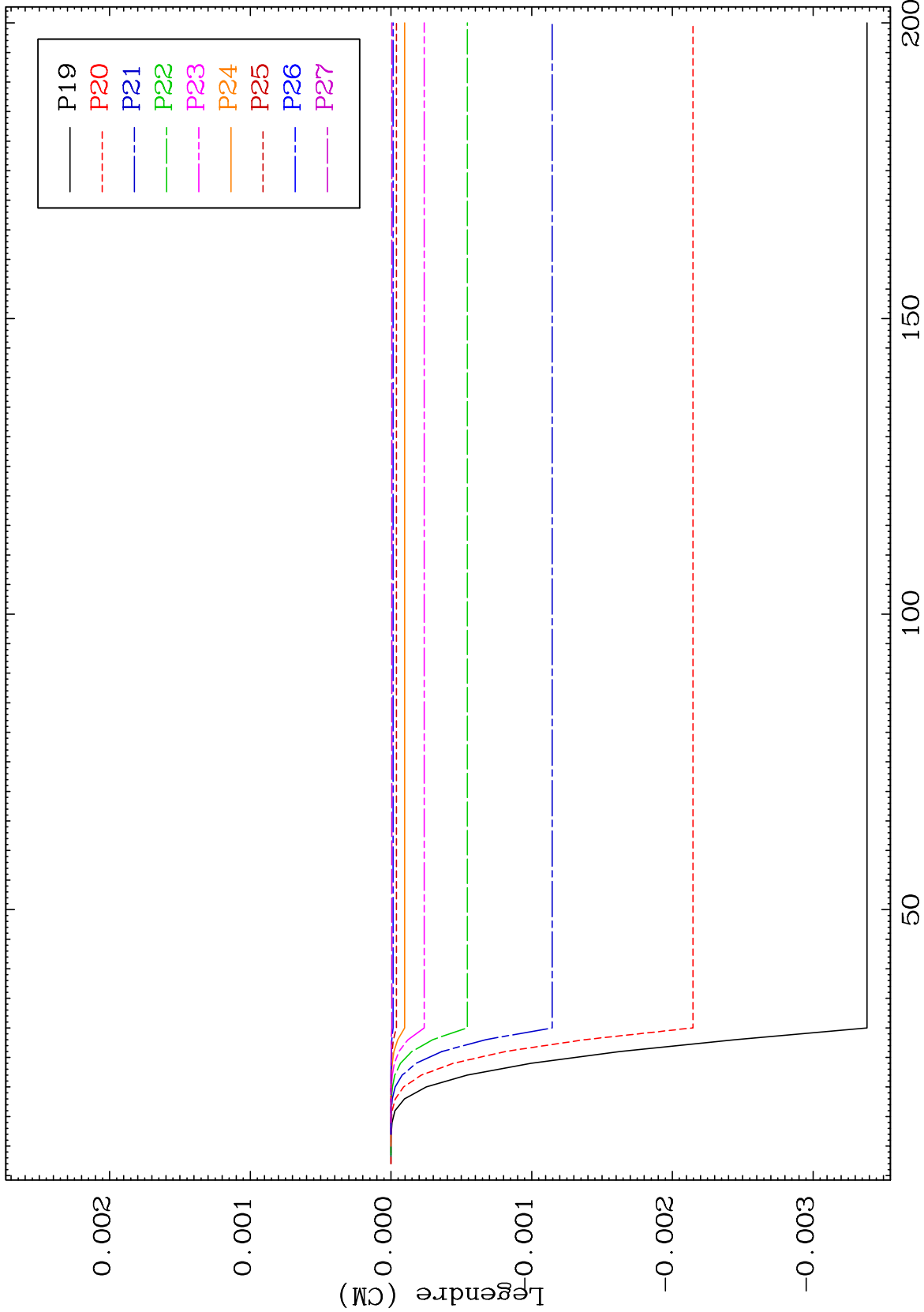
Incident Energy (MeV)

73

MAT 4864

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

48-Cd-119



74

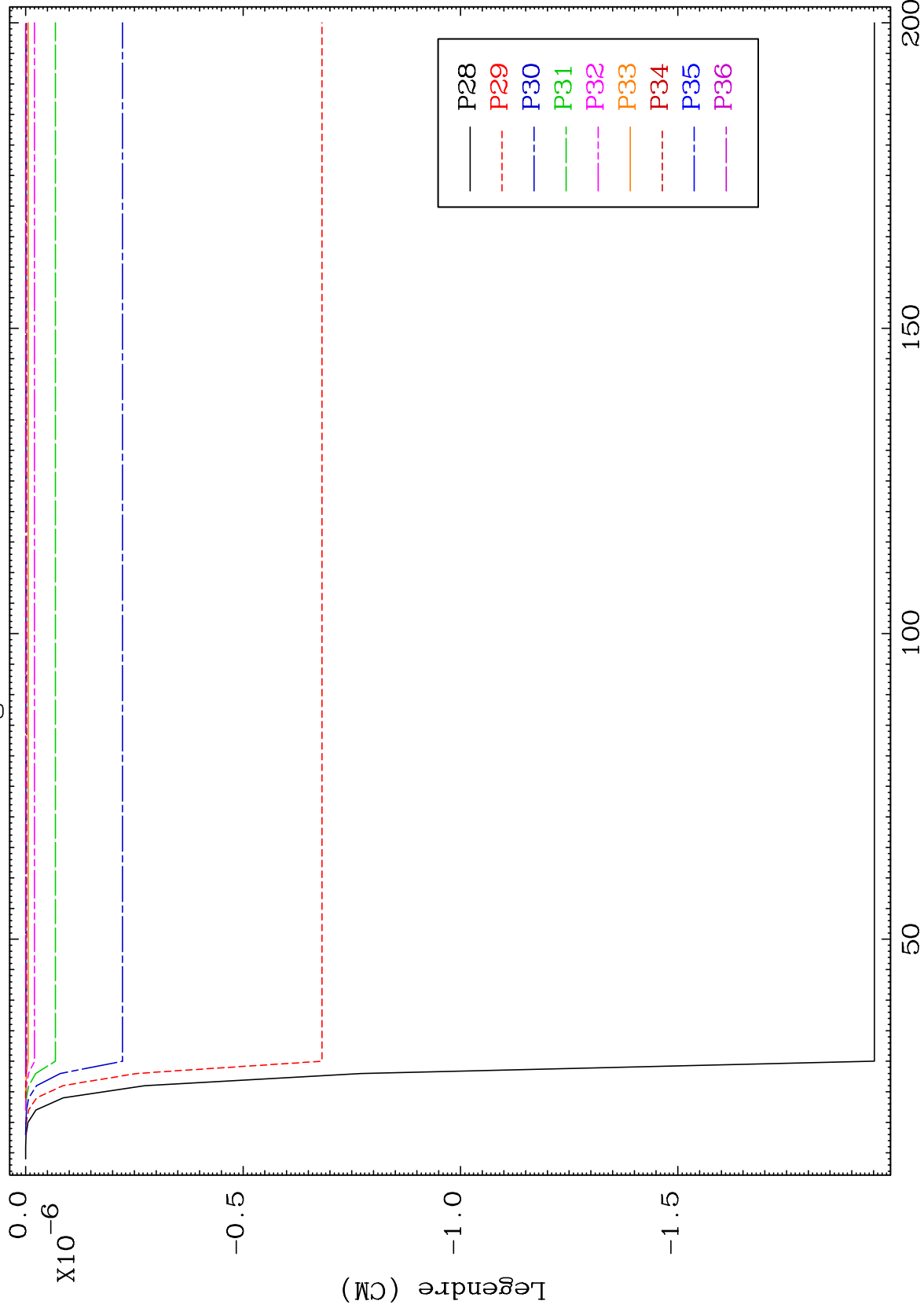
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



75

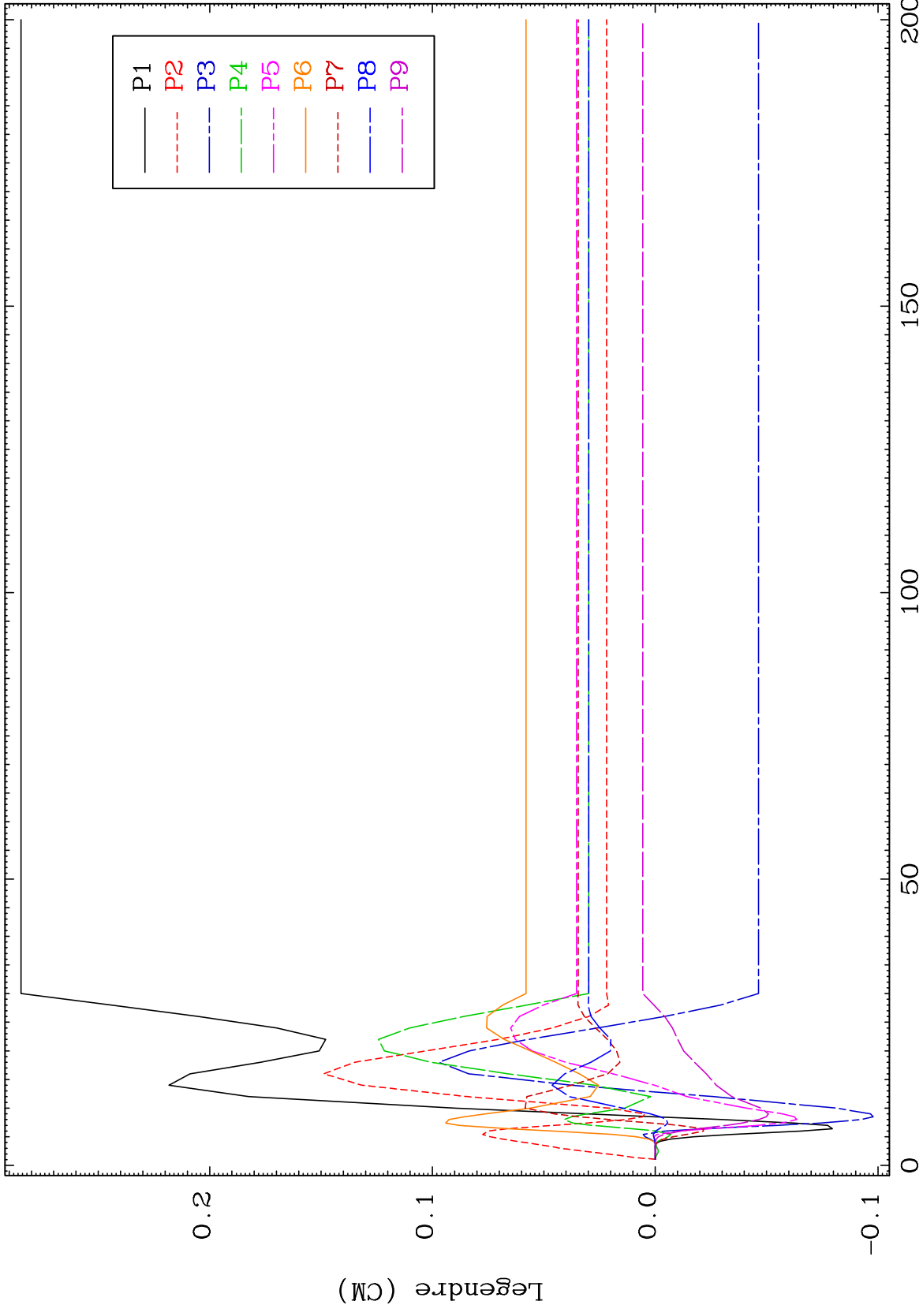
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



76

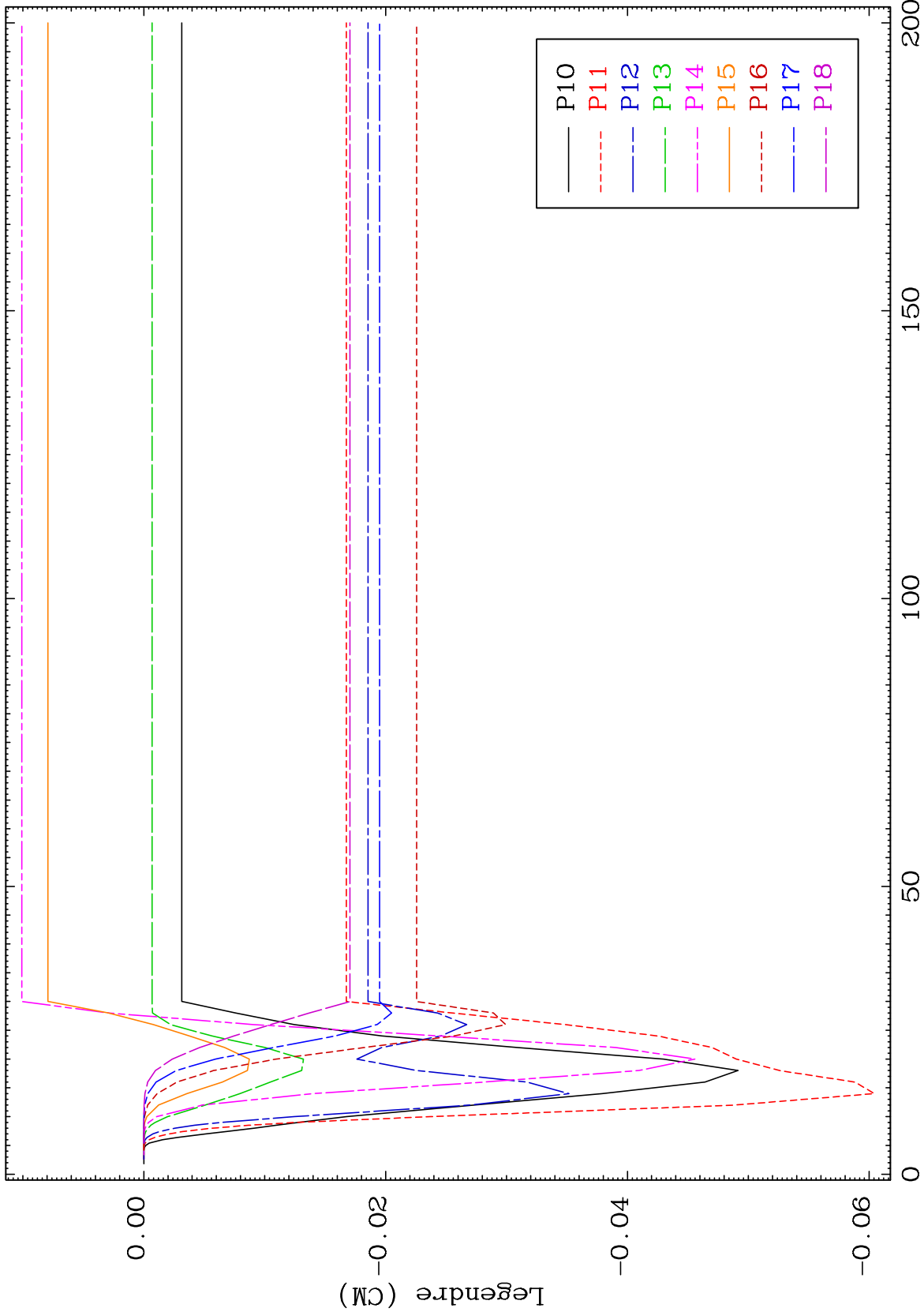
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



77

Incident Energy (MeV)

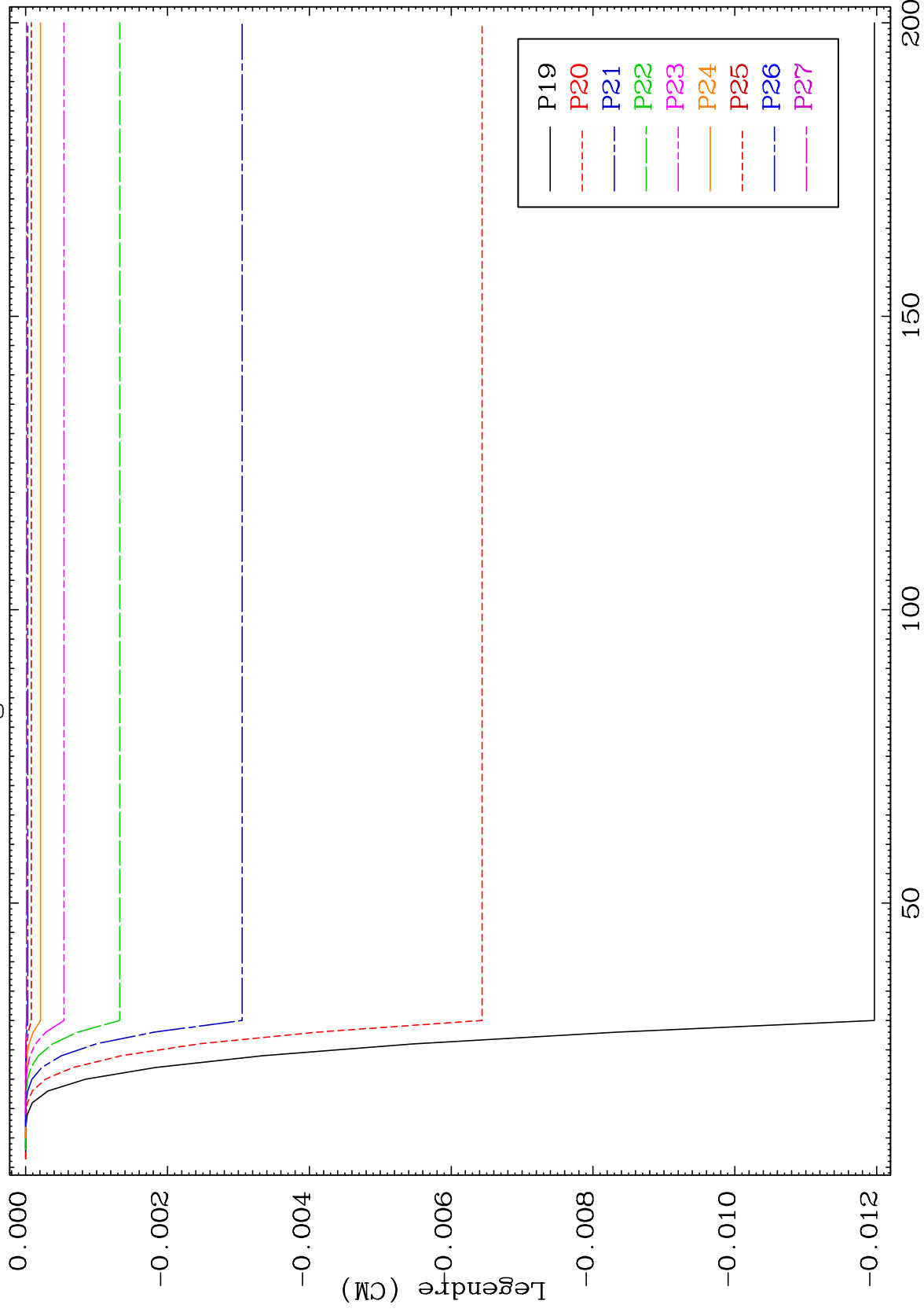
48-Cd-119

MAT 4864

MT= 65 (n,n') Level

48-Cd-119

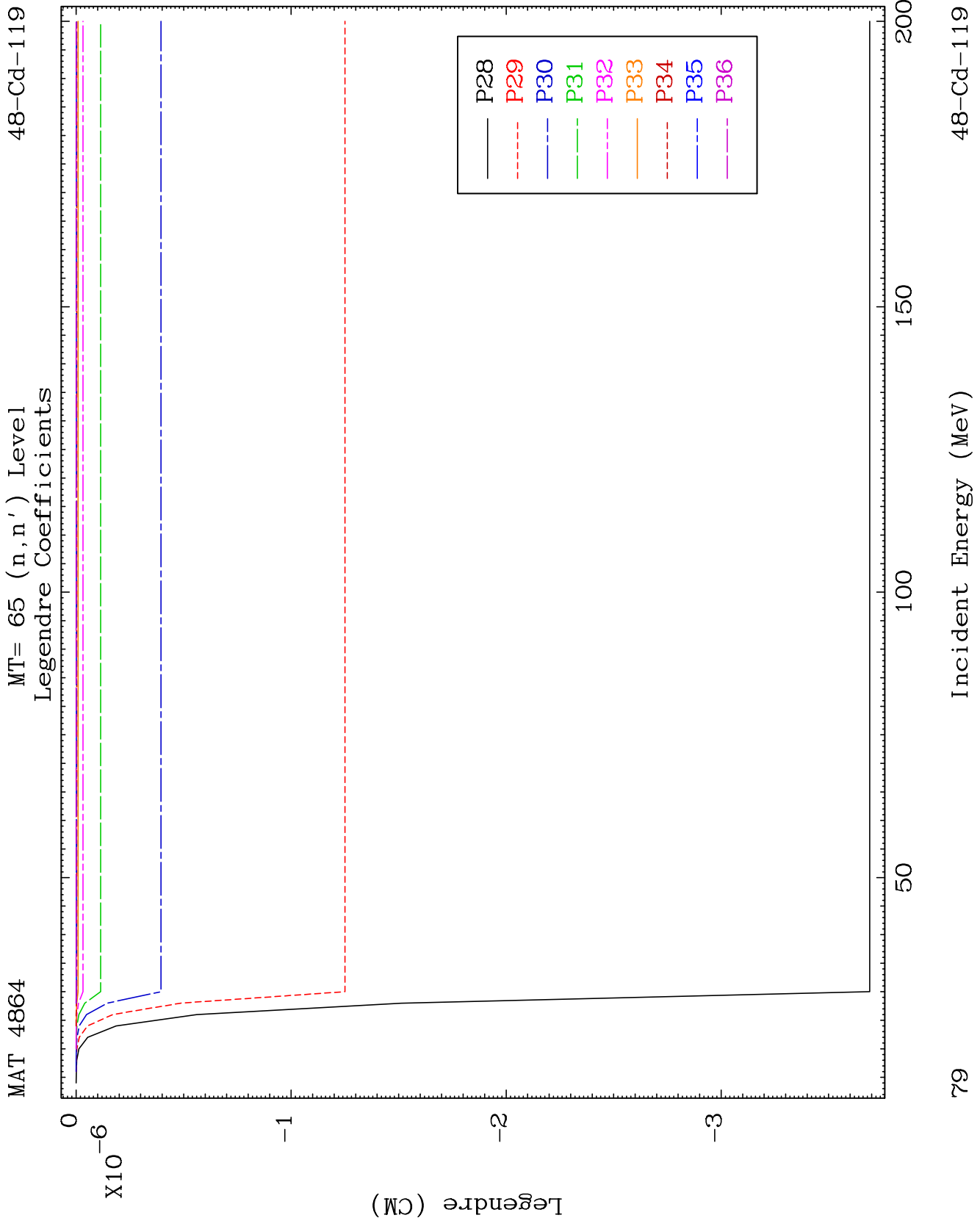
Legendre Coefficients



78

Incident Energy (MeV)

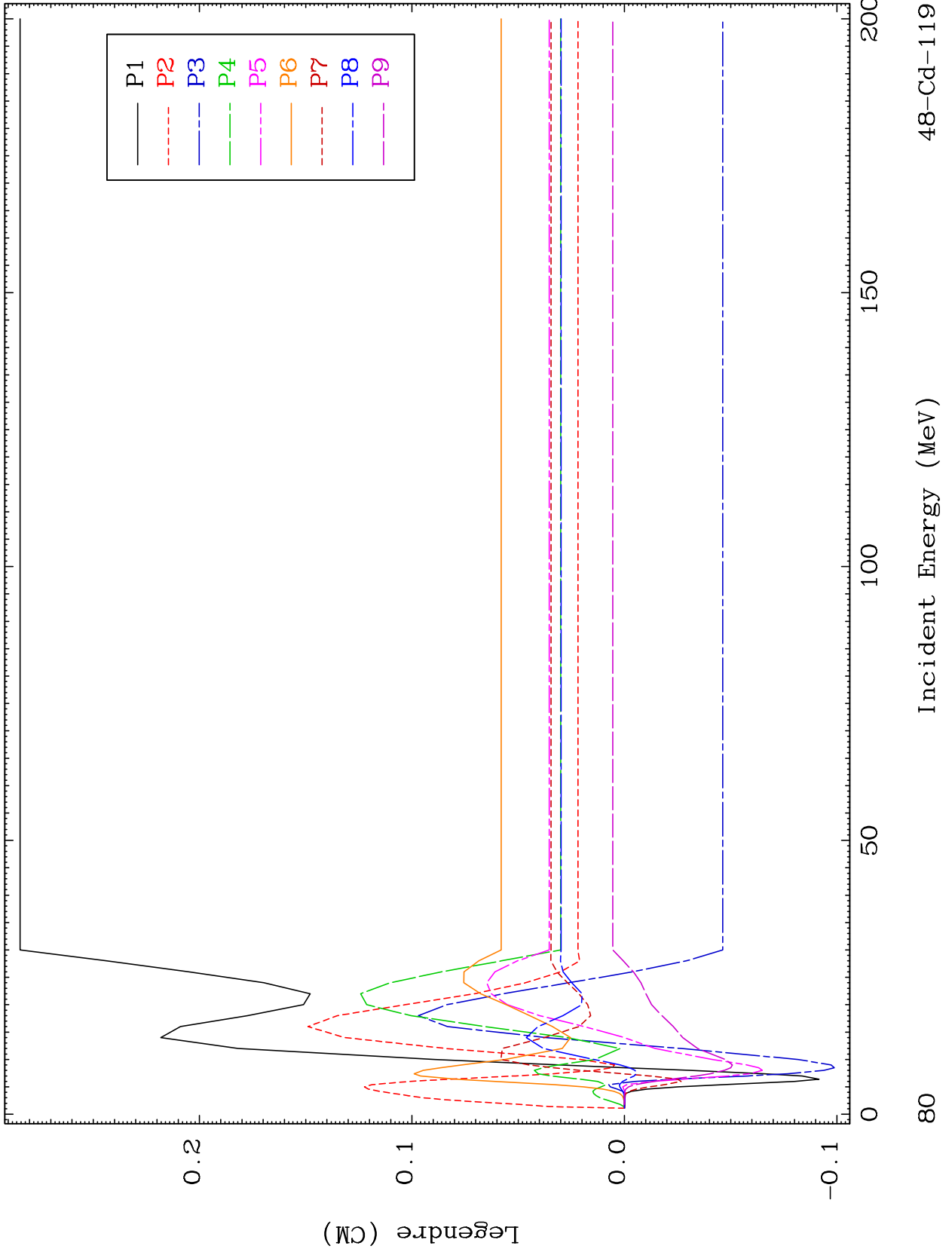
48-Cd-119



MAT 4864

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

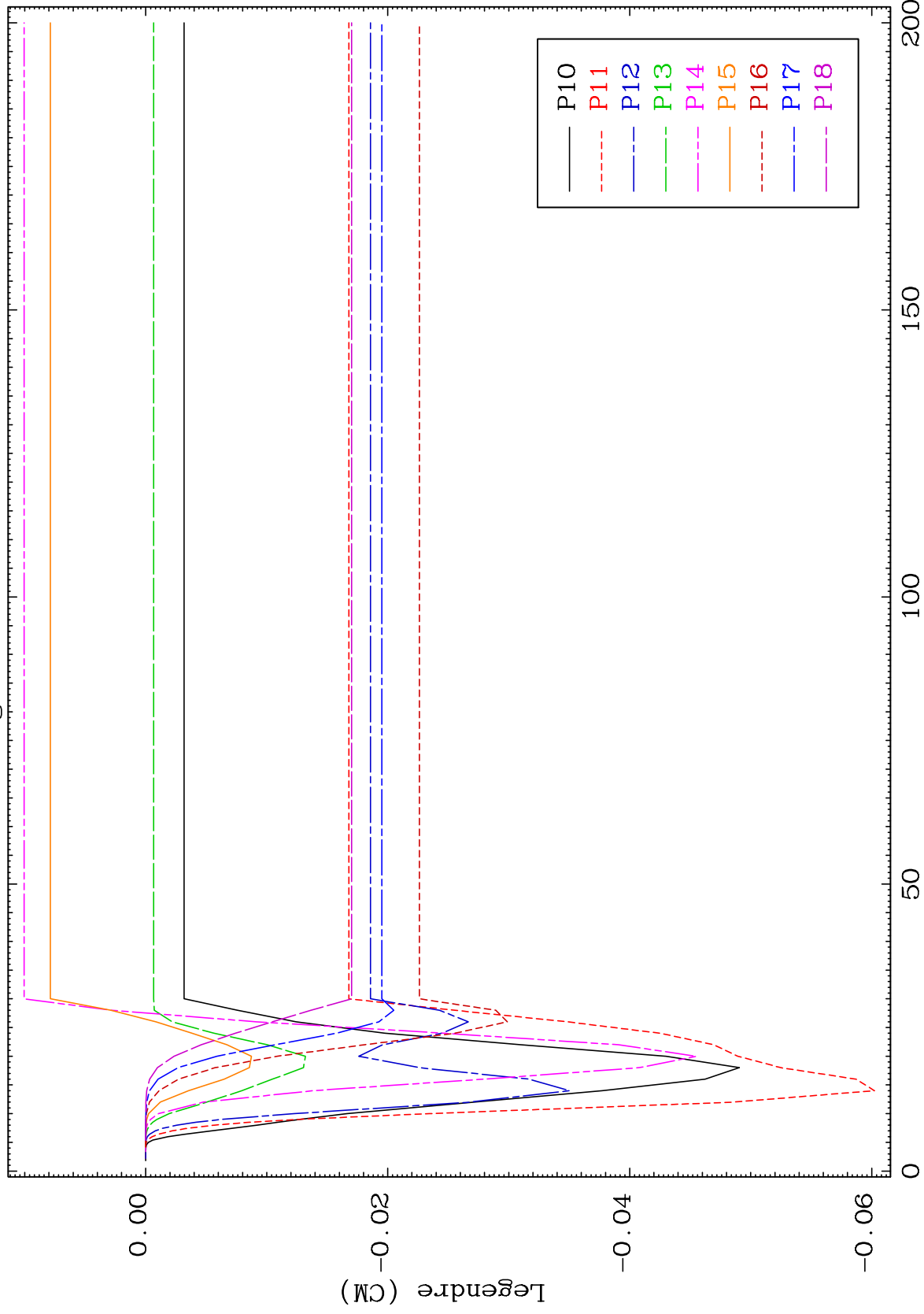
48-Cd-119



MAT 4864

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

48-Cd-119



81

Incident Energy (MeV)

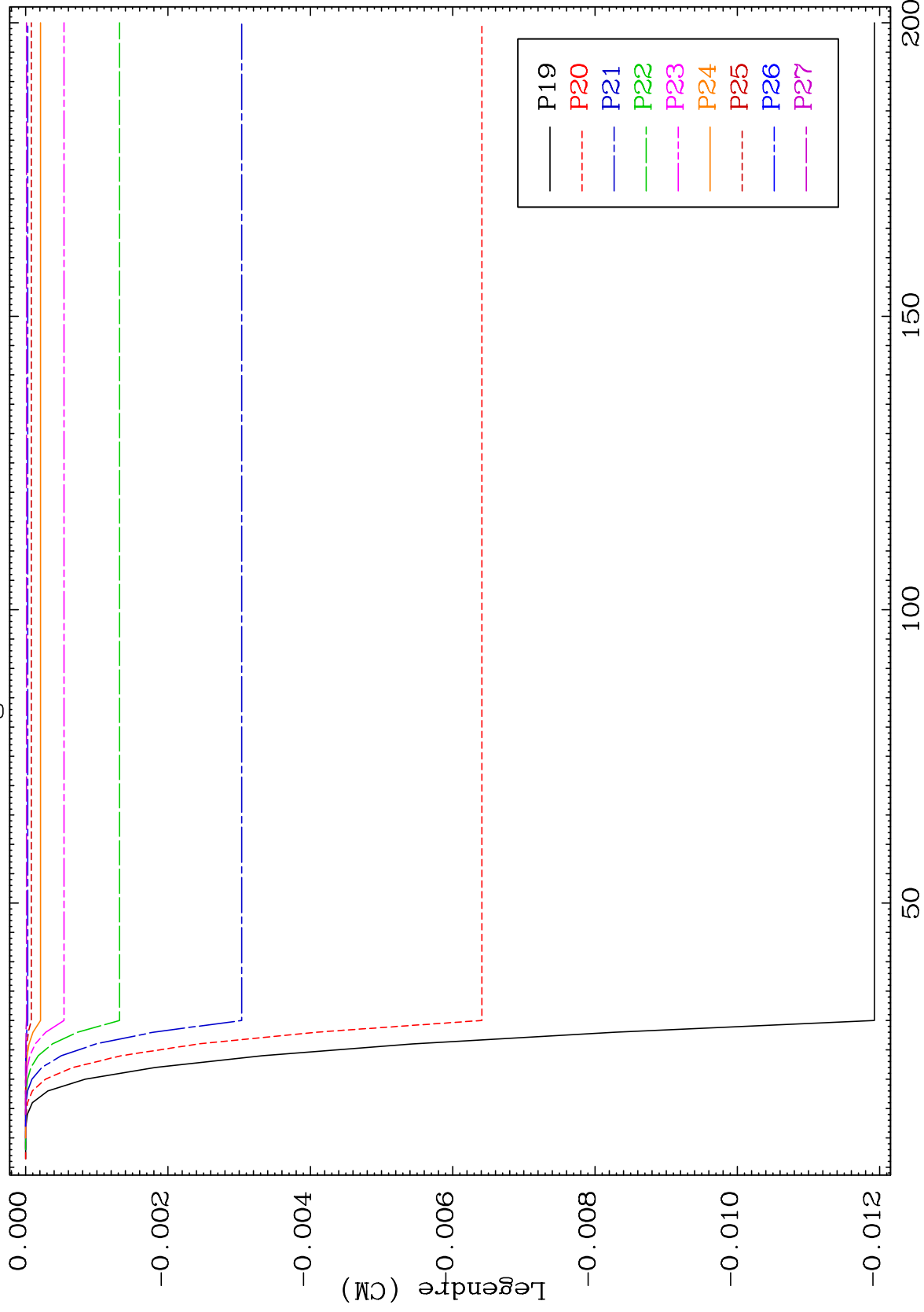
48-Cd-119

MAT 4864

MT= 66 (n,n') Level

48-Cd-119

Legendre Coefficients



82

Incident Energy (MeV)

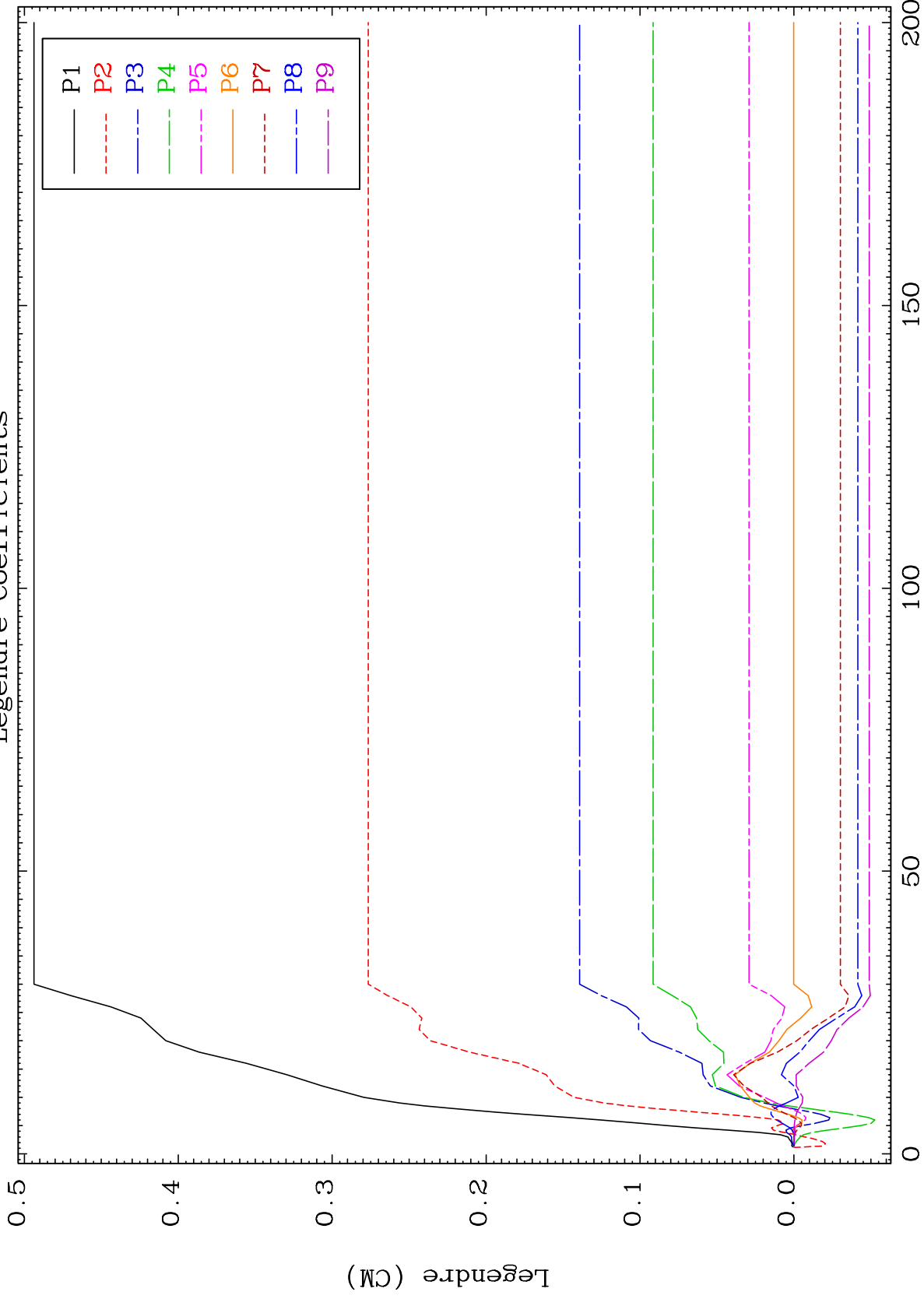
48-Cd-119

MAT 4864

MT= 67 (n,n') Level

48-Cd-119

Legendre Coefficients



84

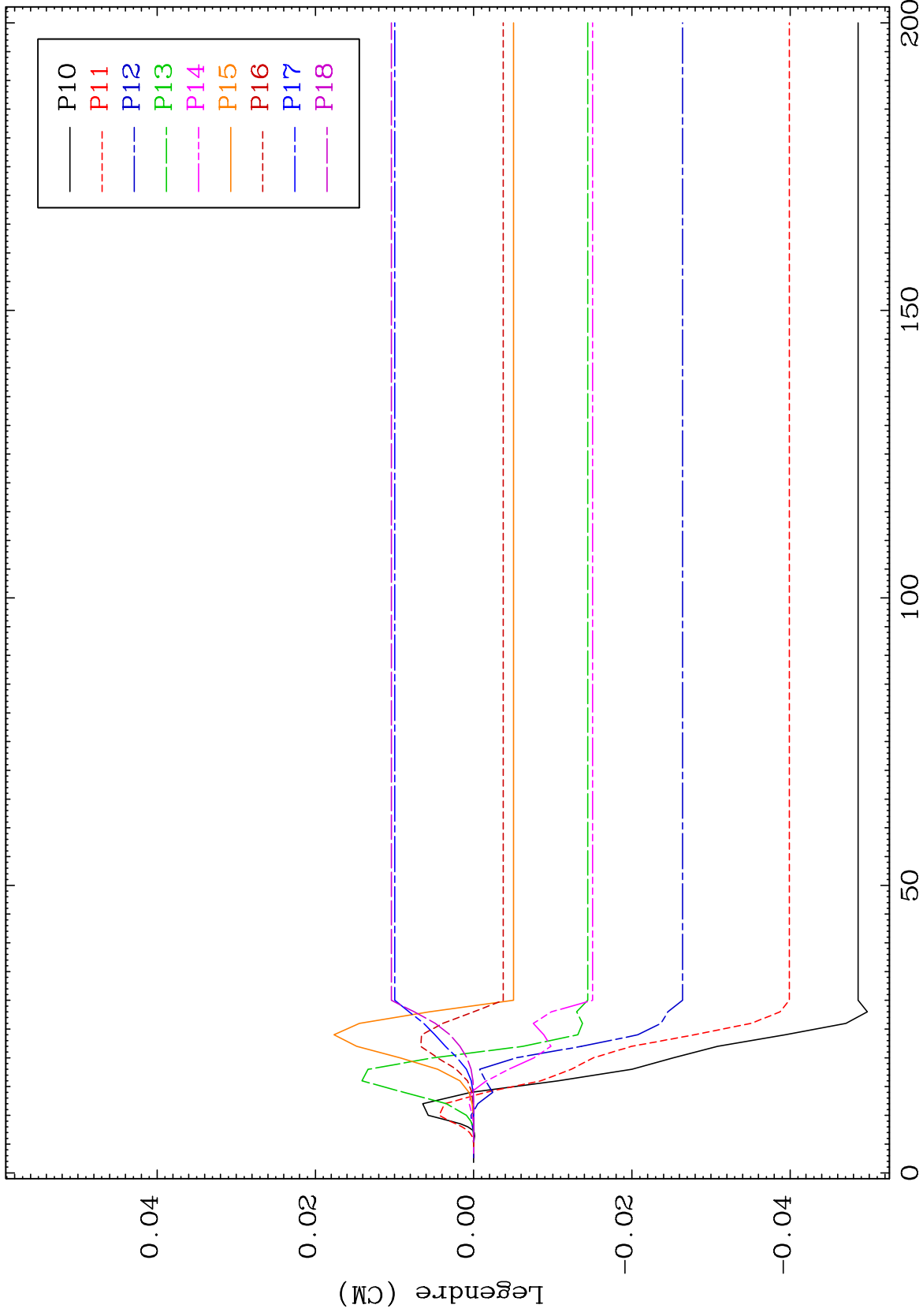
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



85

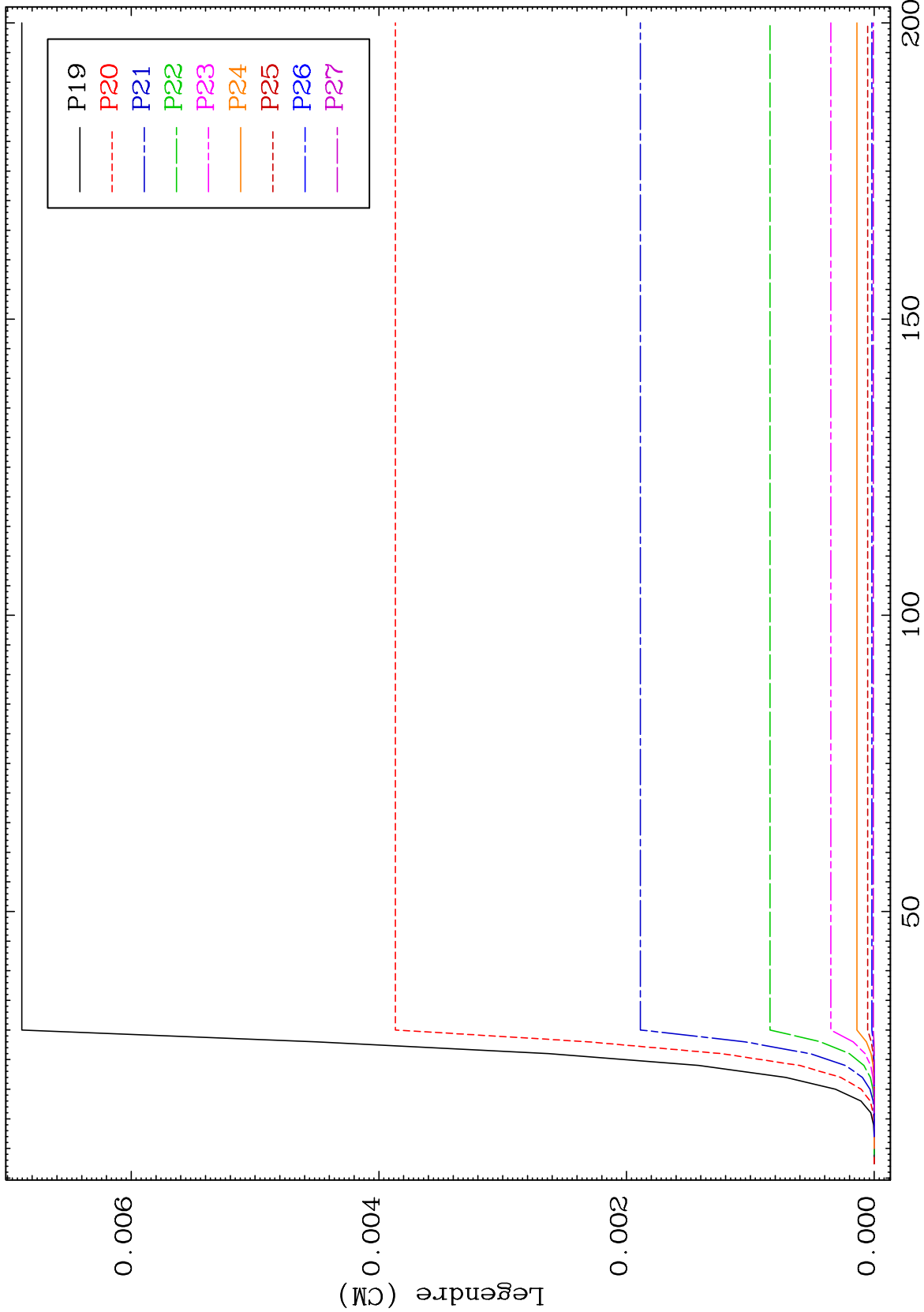
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



86

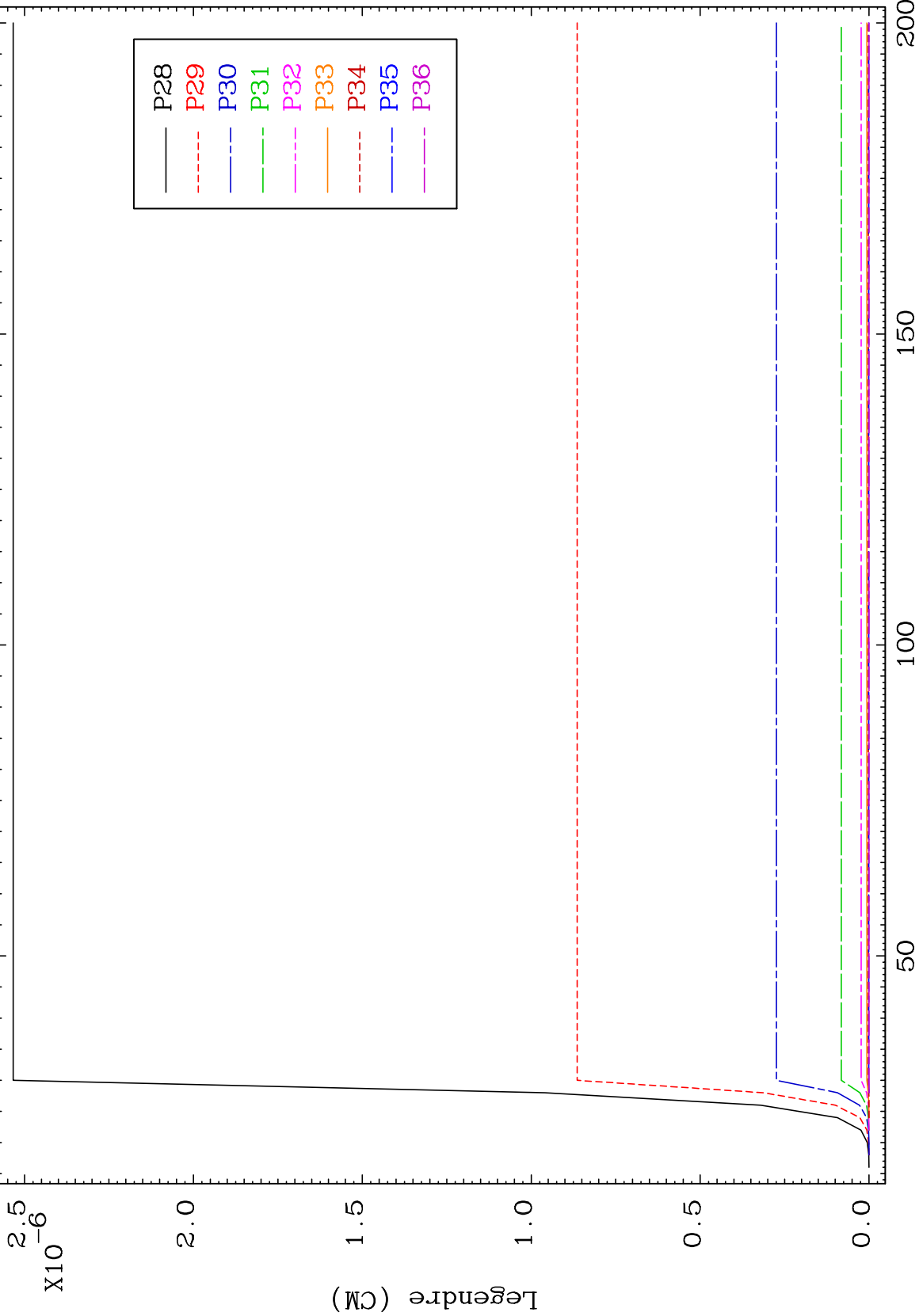
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



87

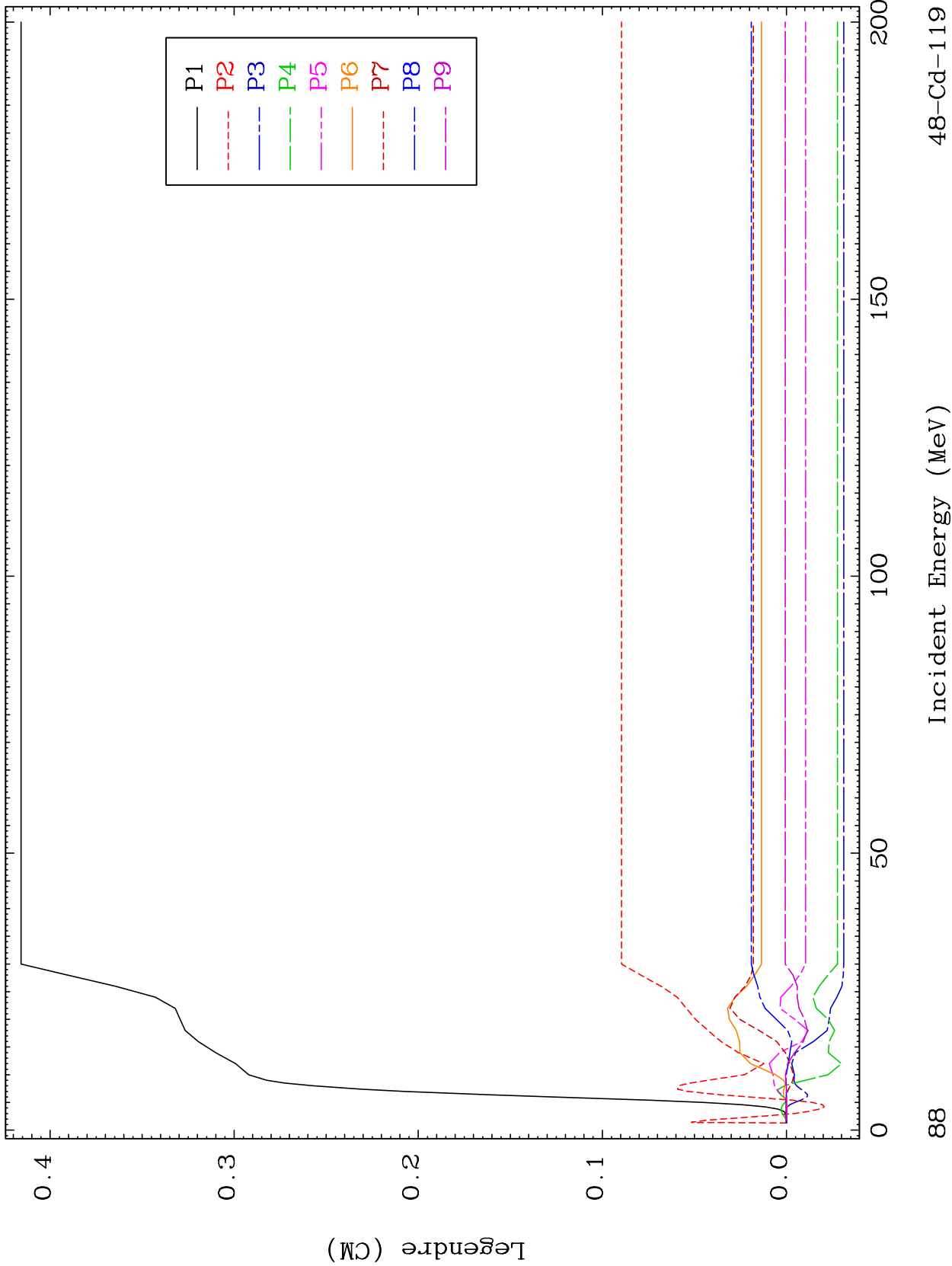
Incident Energy (MeV)

48-Cd-119

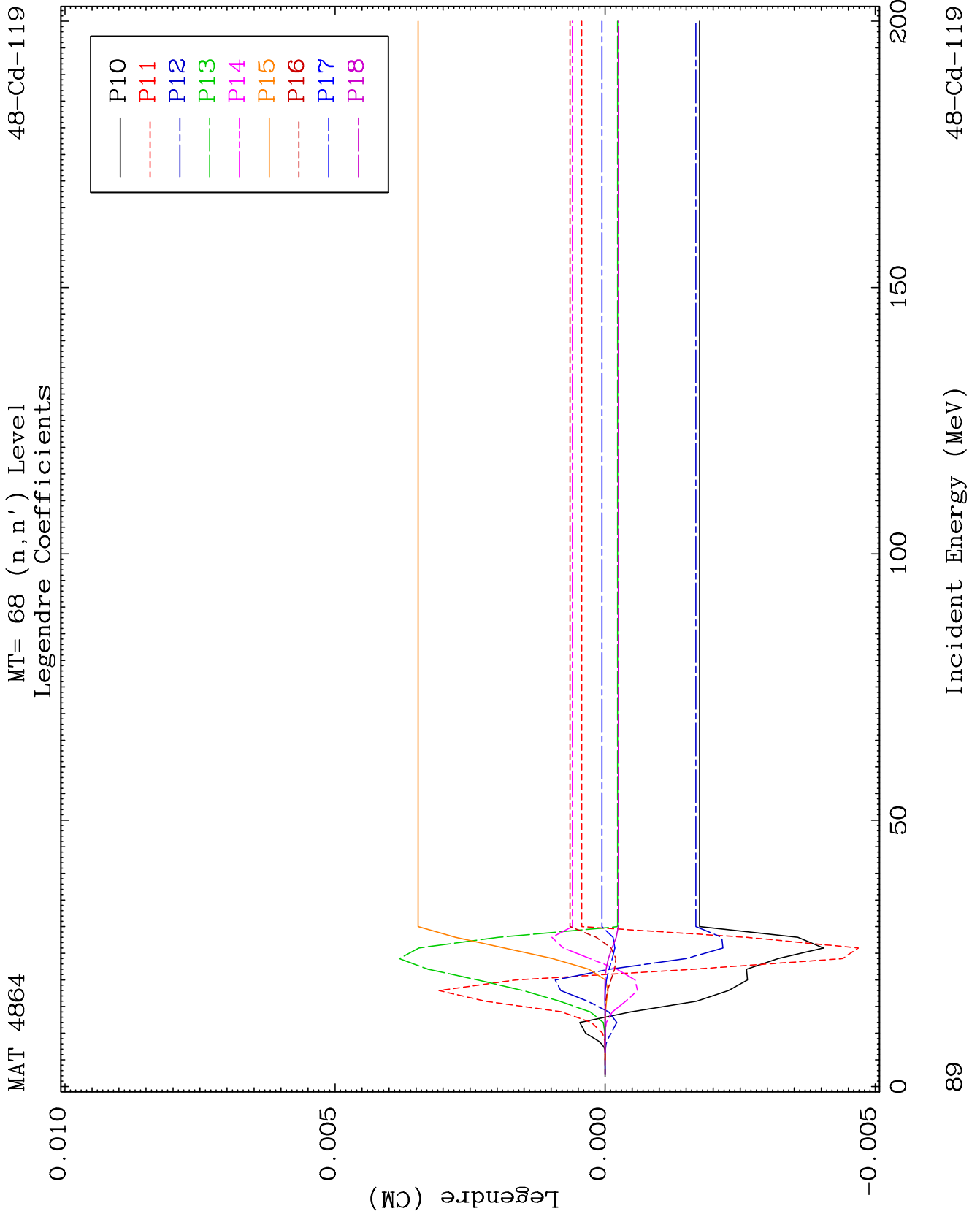
MAT 4864

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

48-Cd-119



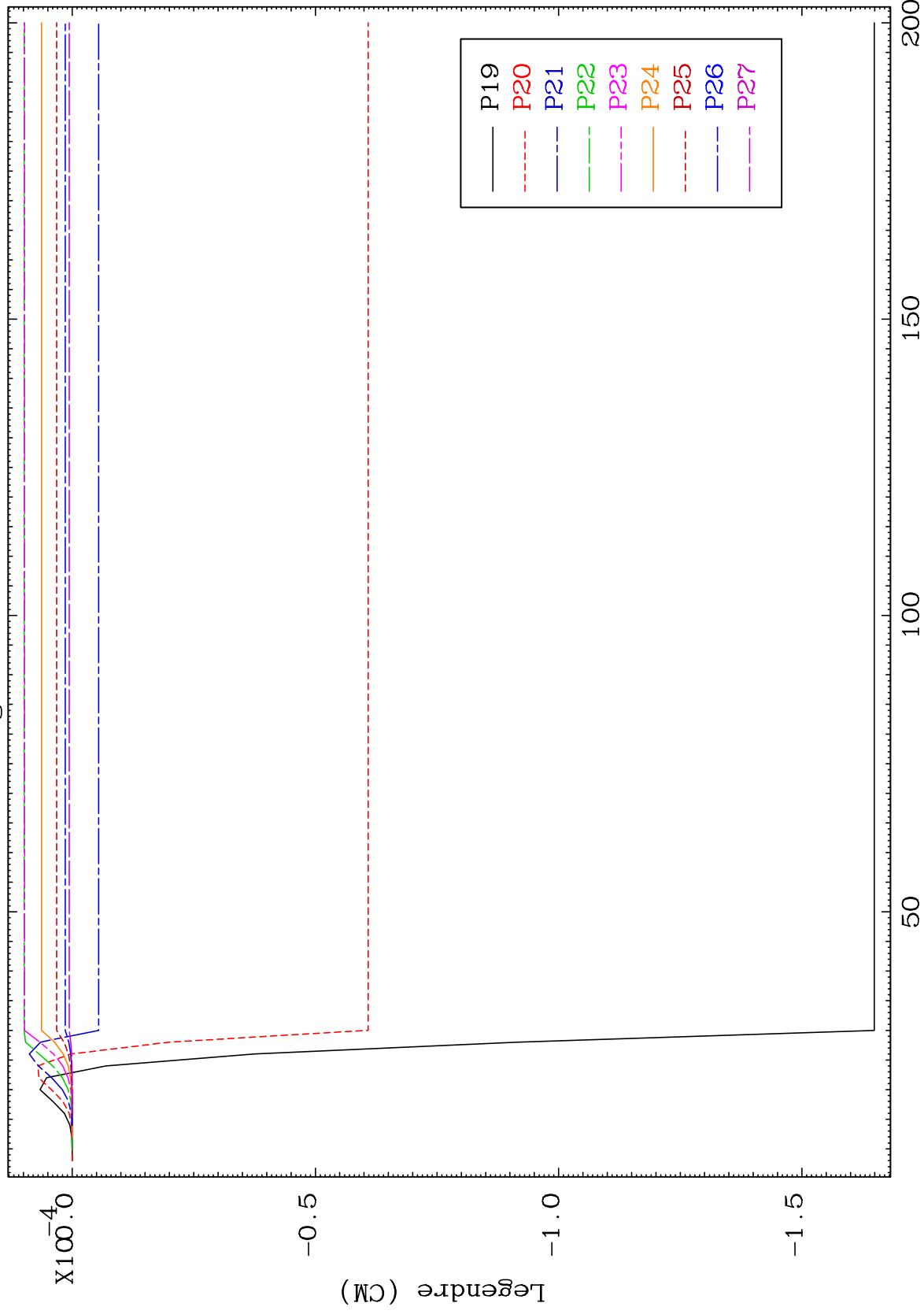
48-Cd-119



MAT 4864

48-Cd-119

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



90

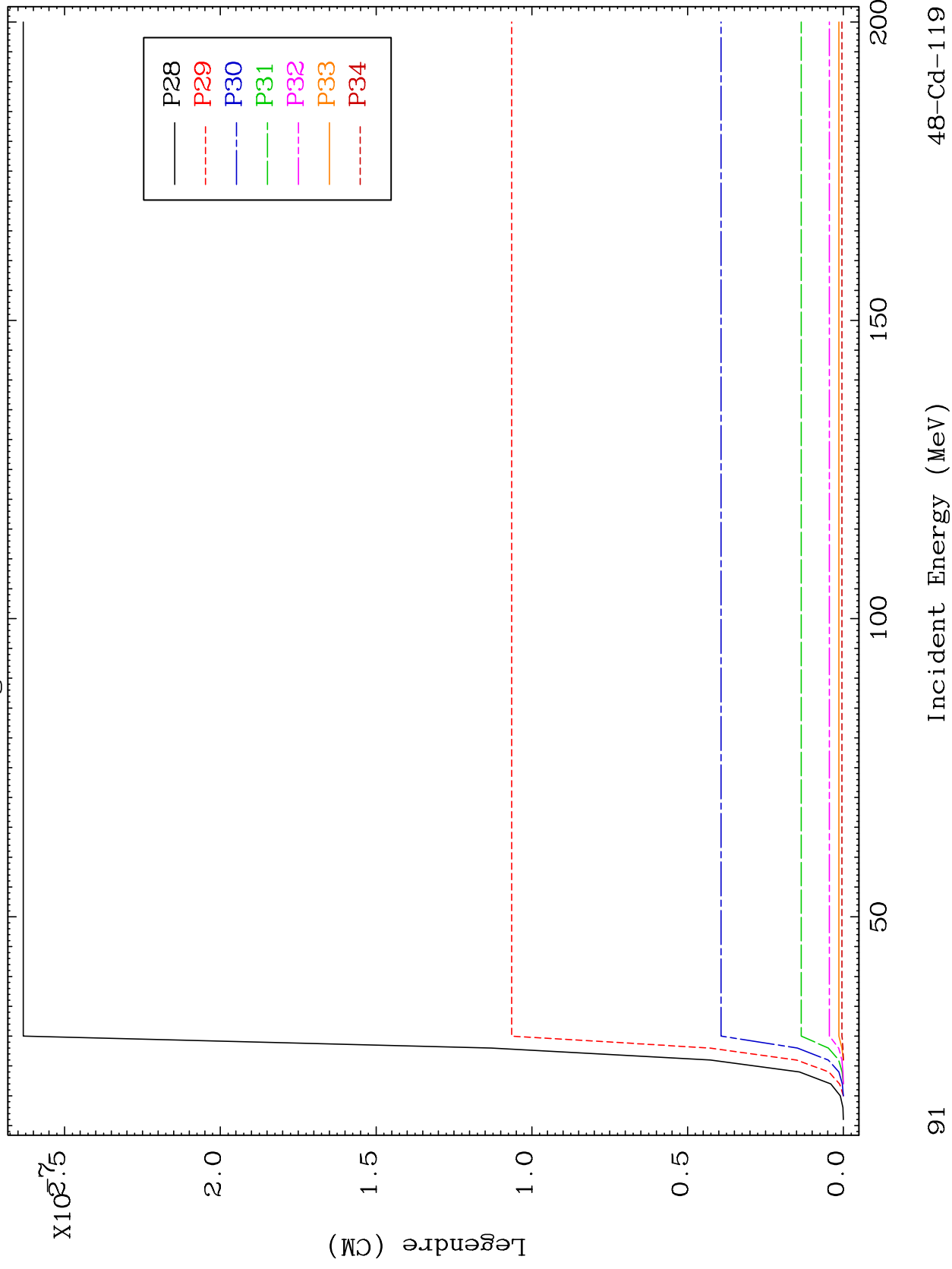
Incident Energy (MeV)

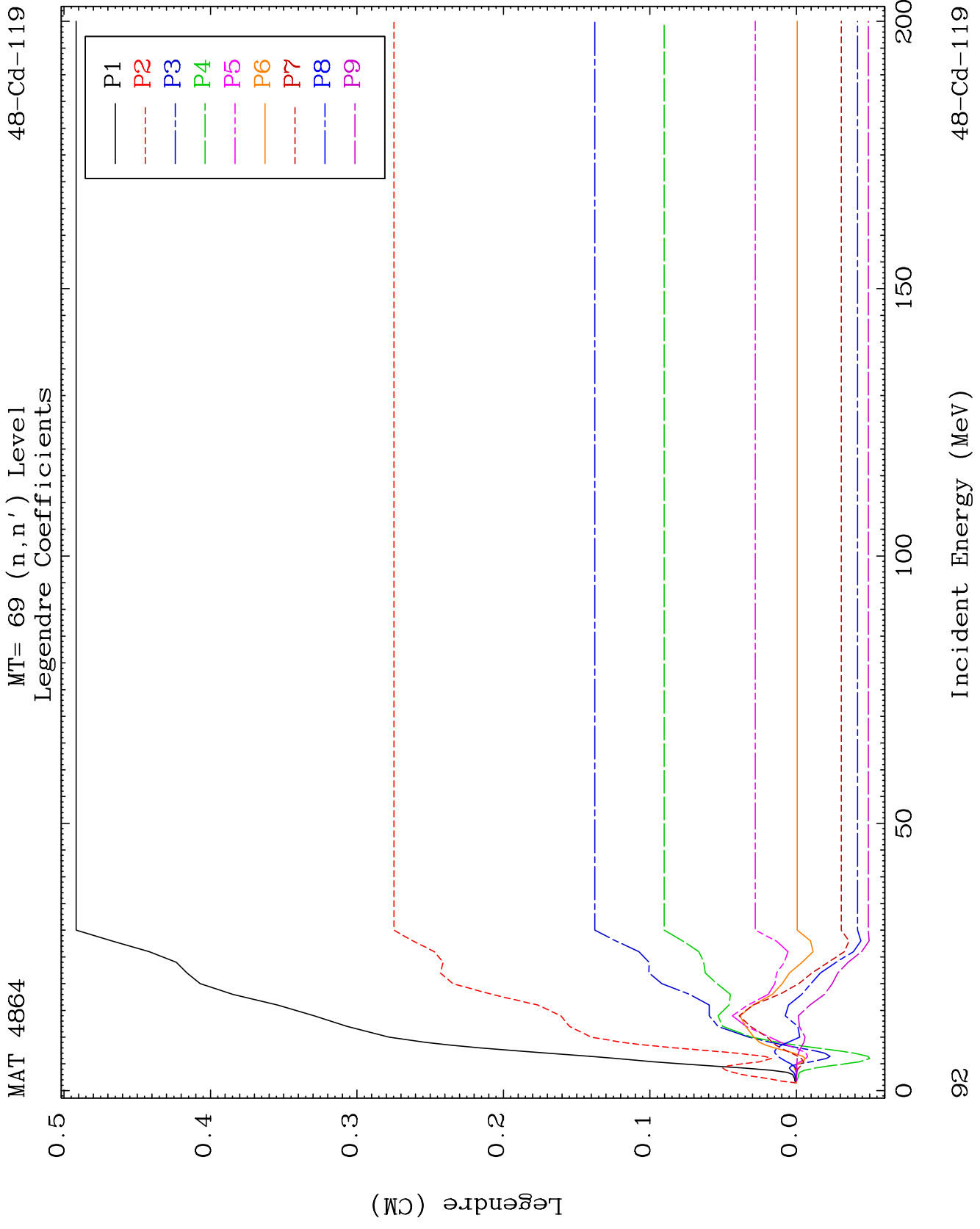
48-Cd-119

MAT 4864

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

48-Cd-119

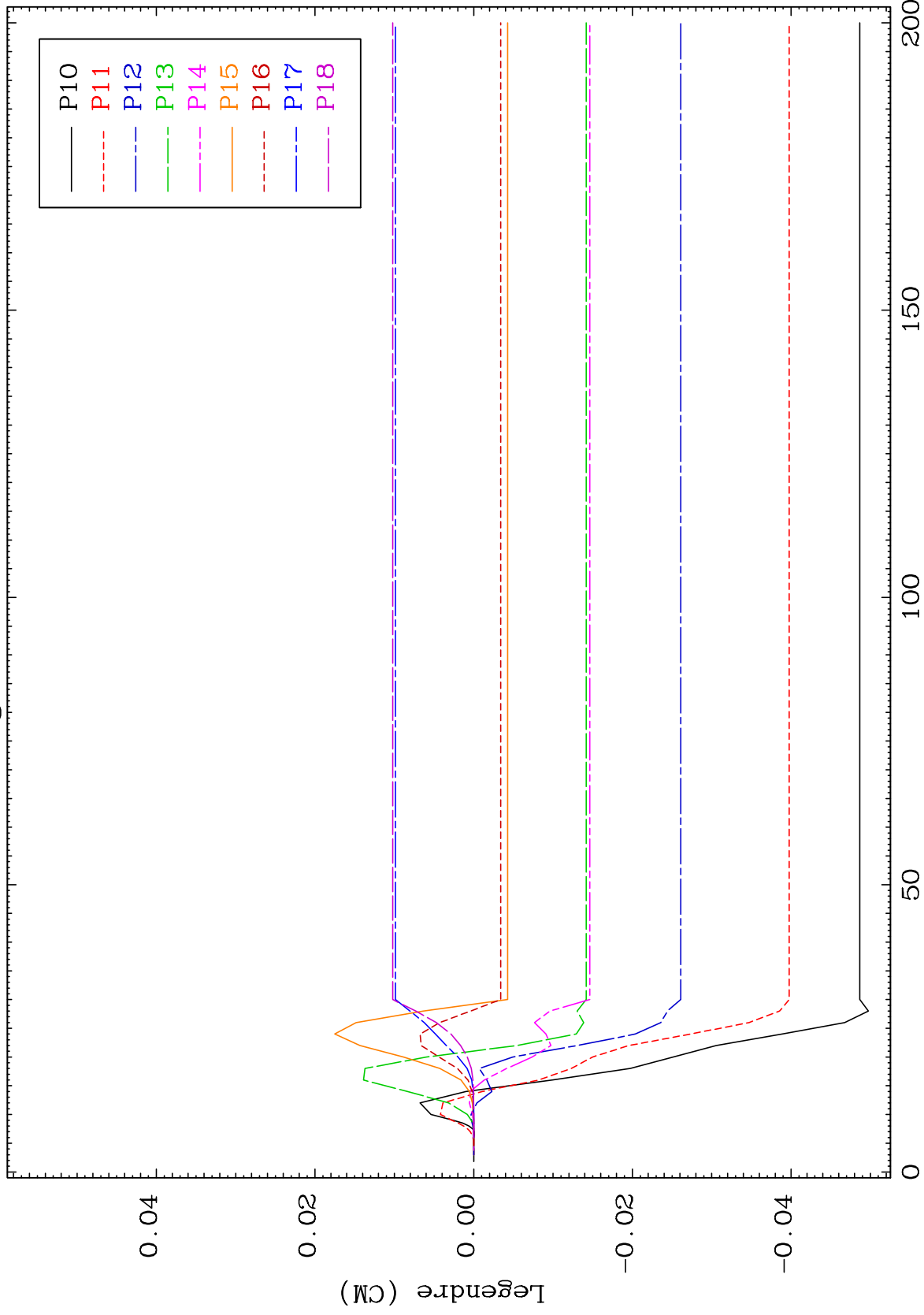




MAT 4864

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

48-Cd-119



93

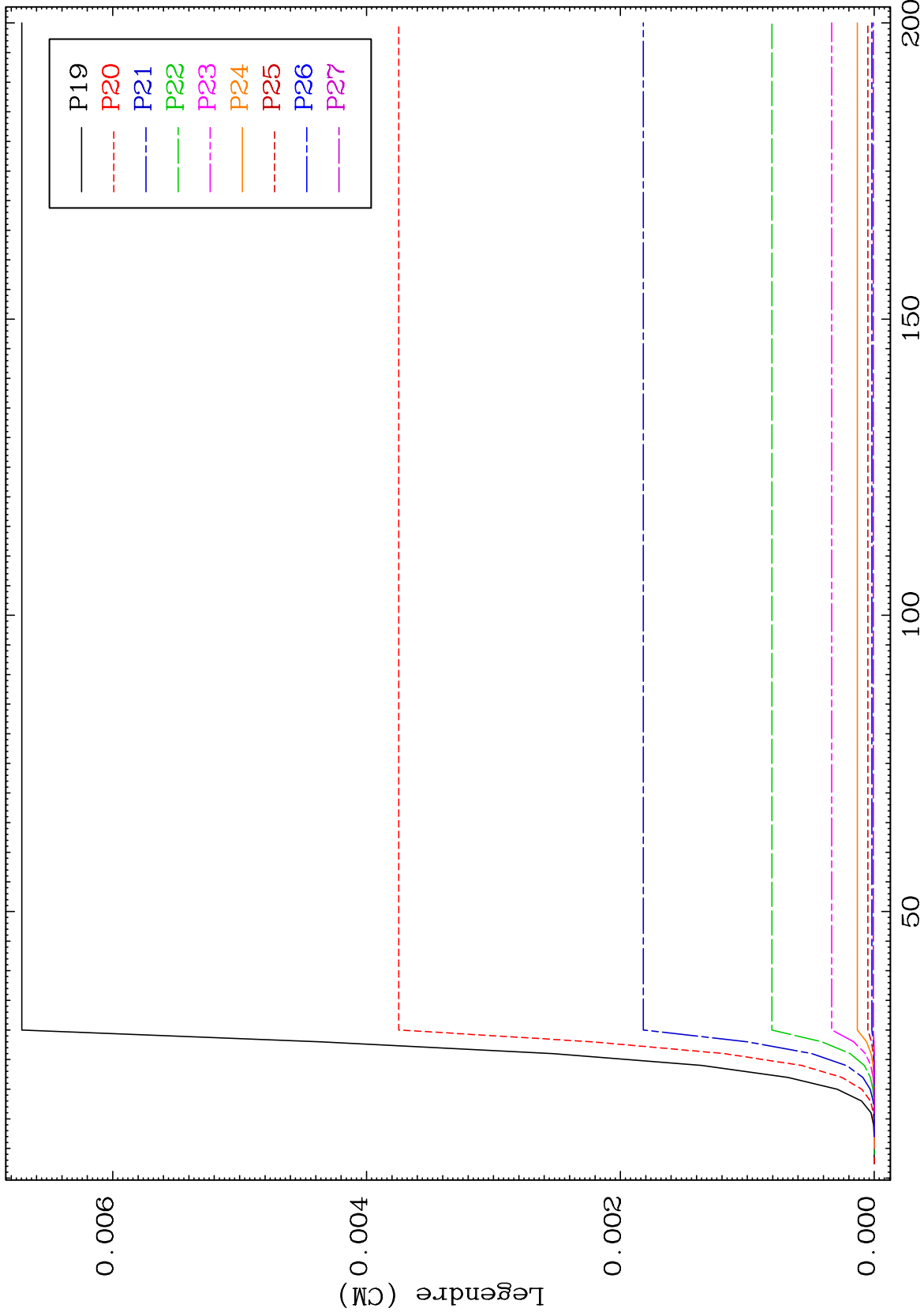
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



94

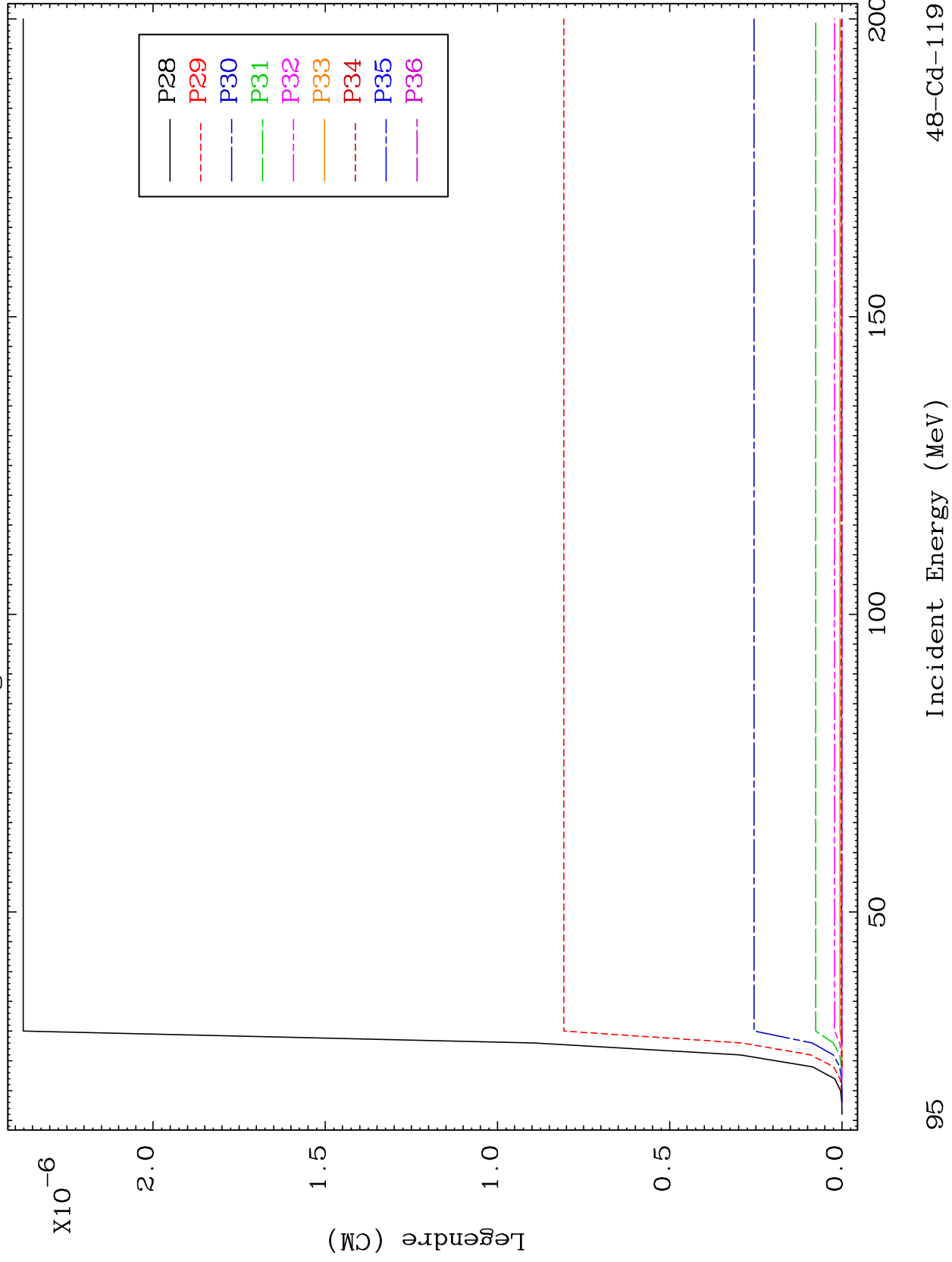
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

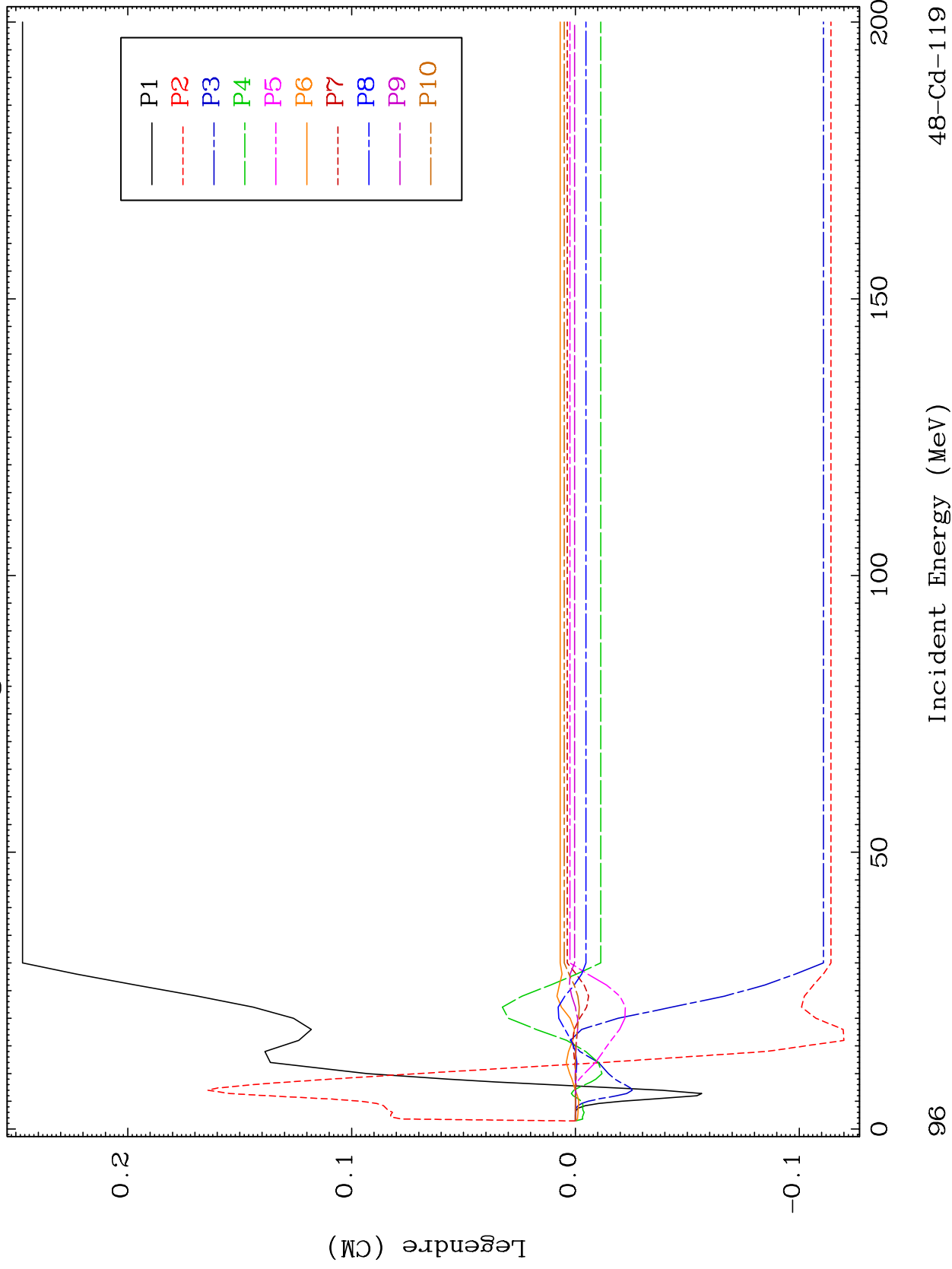
48-Cd-119



MAT 4864

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

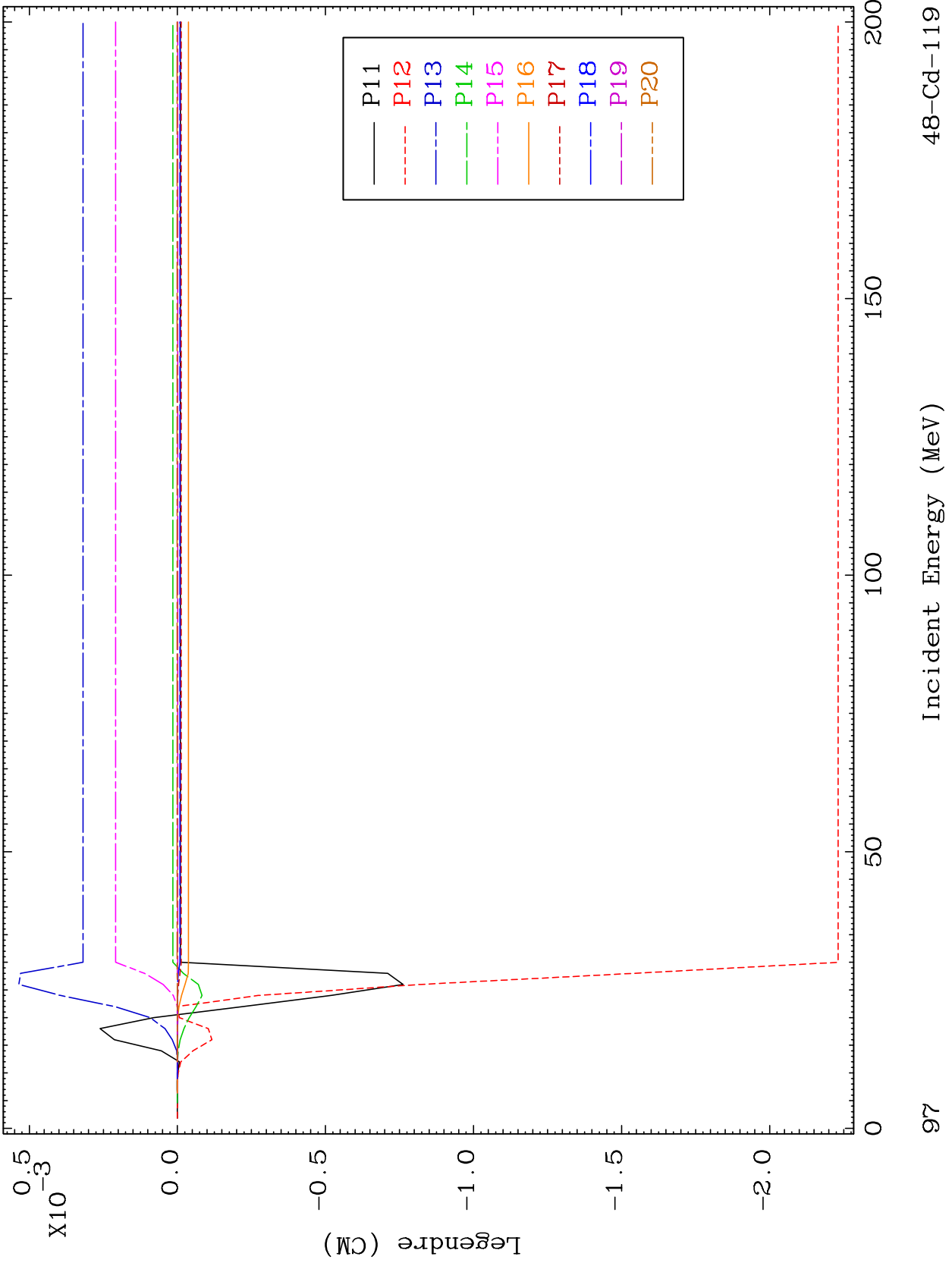
48-Cd-119



MAT 4864

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

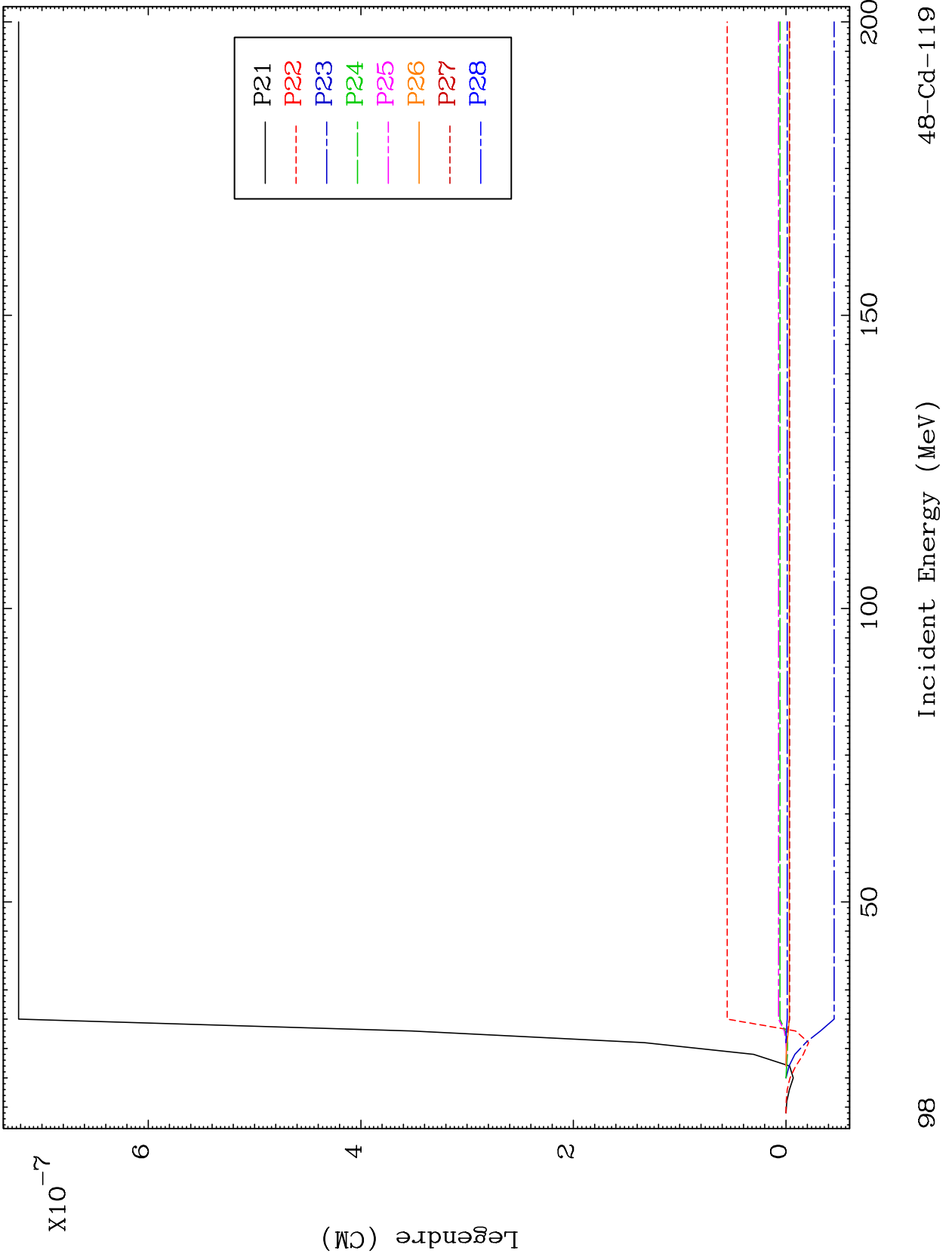
48-Cd-119



MAT 4864

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

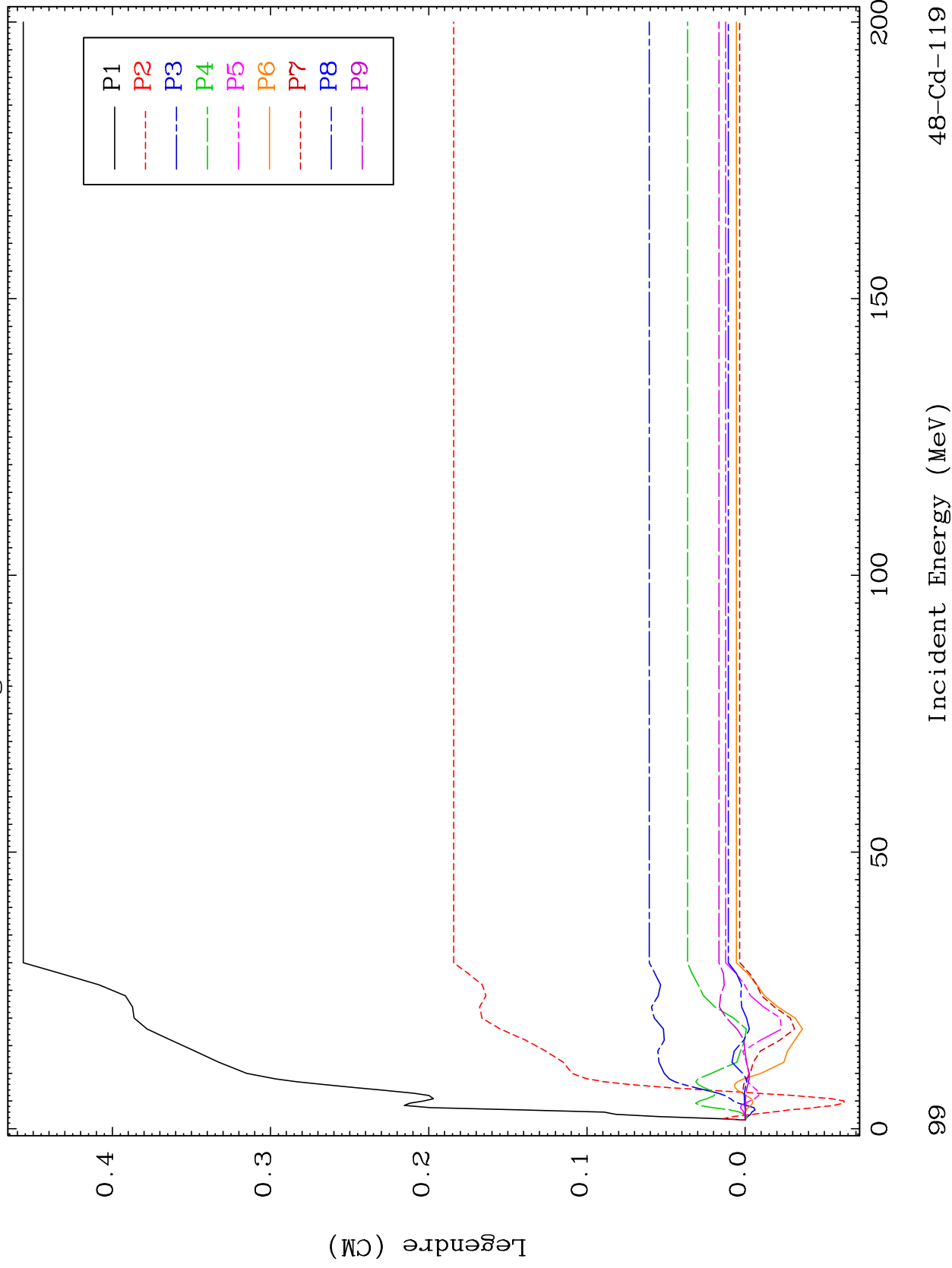
48-Cd-119



MAT 4864

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

48-Cd-119



48-Cd-119

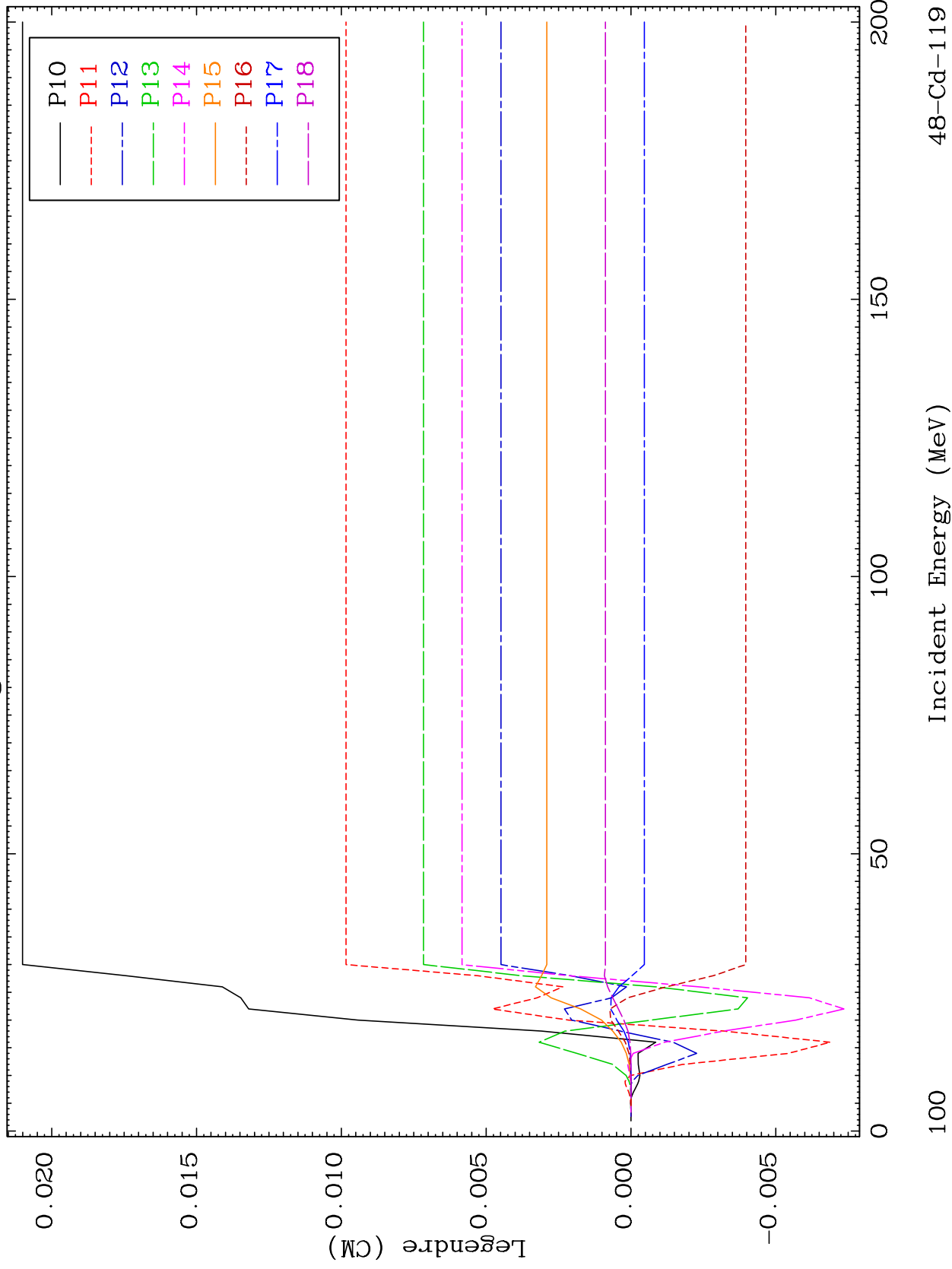
Incident Energy (MeV)

99

MAT 4864

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

48-Cd-119

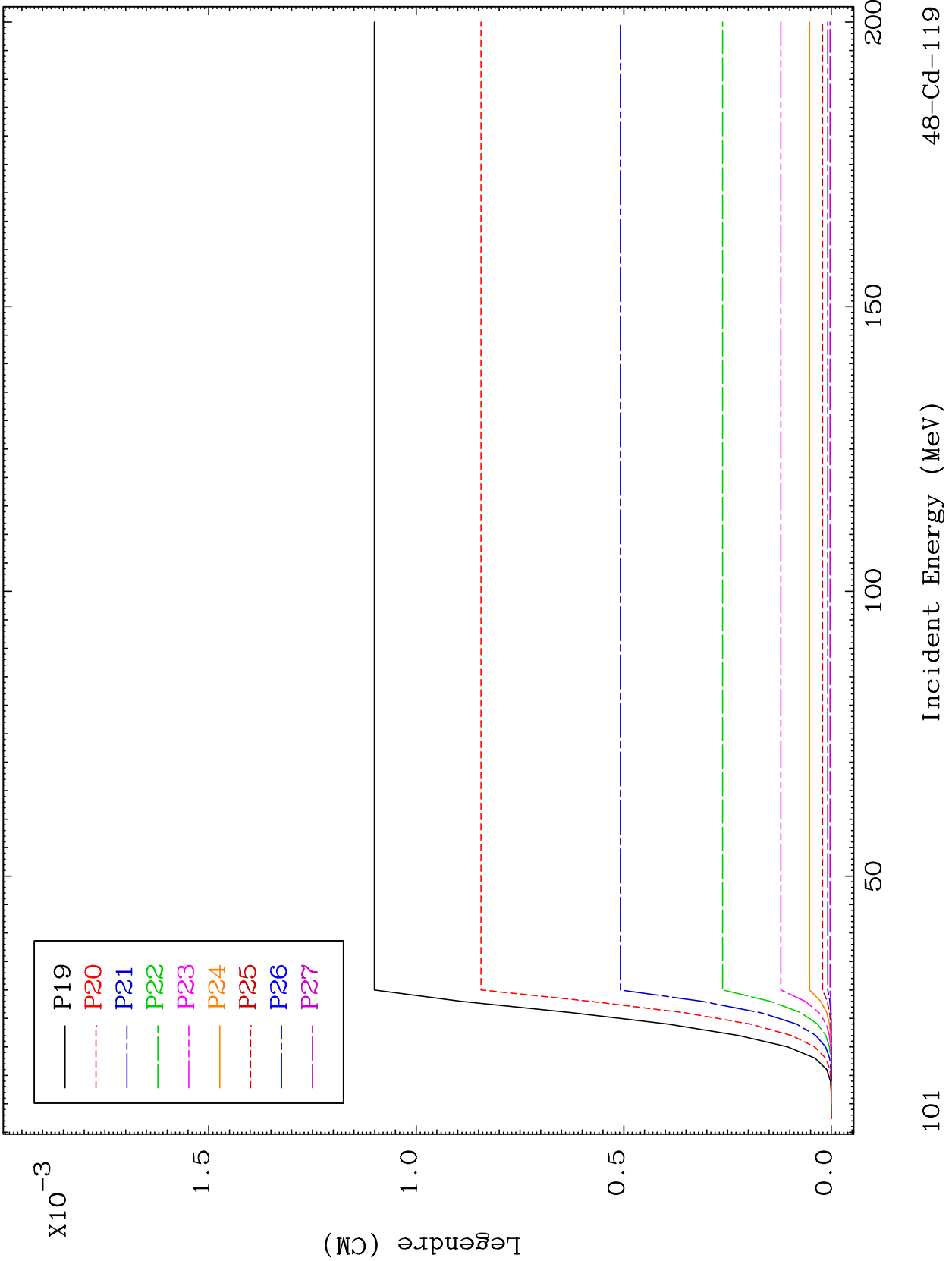


48-Cd-119

MAT 4864

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

48-Cd-119

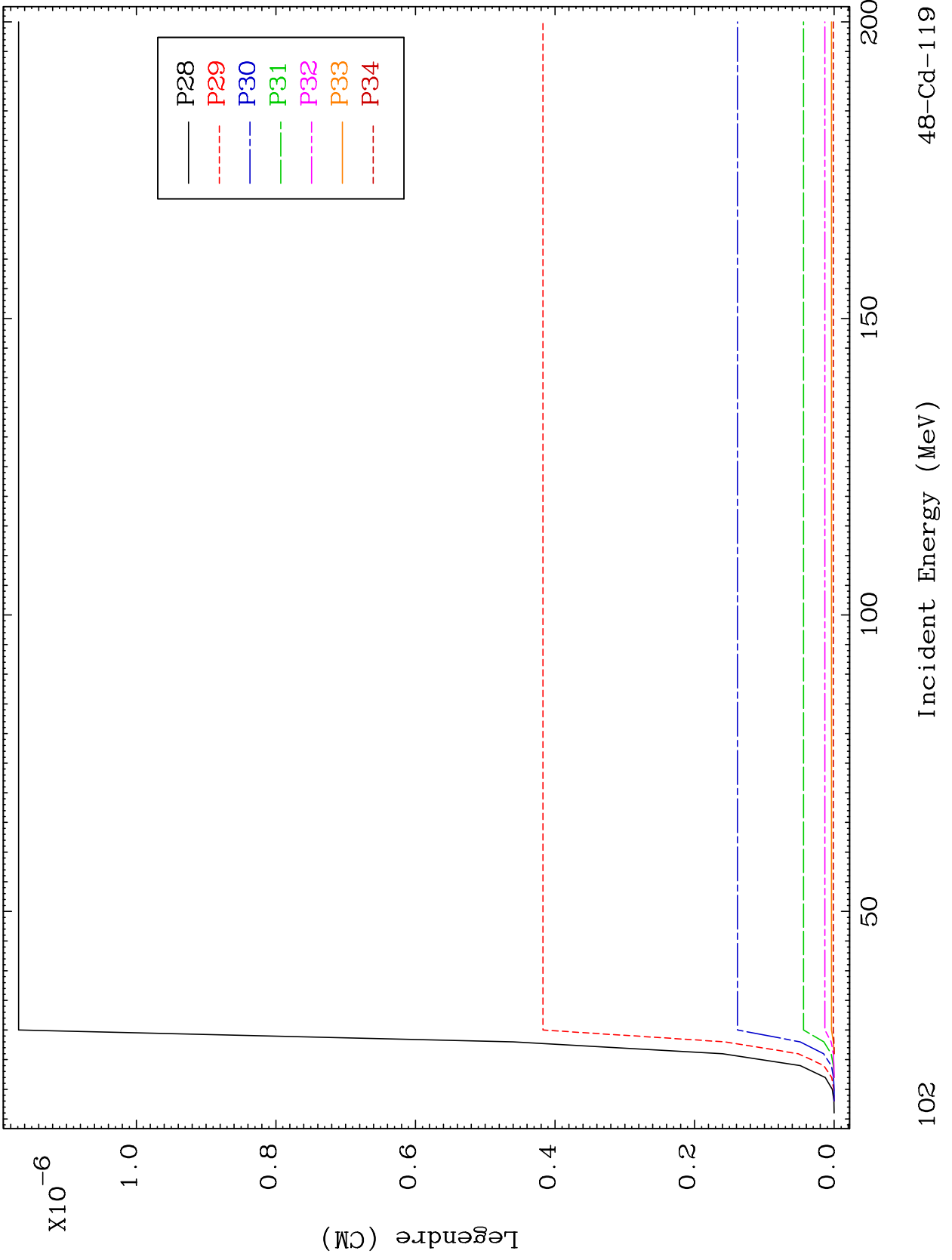


101

MAT 4864

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

48-Cd-119



102

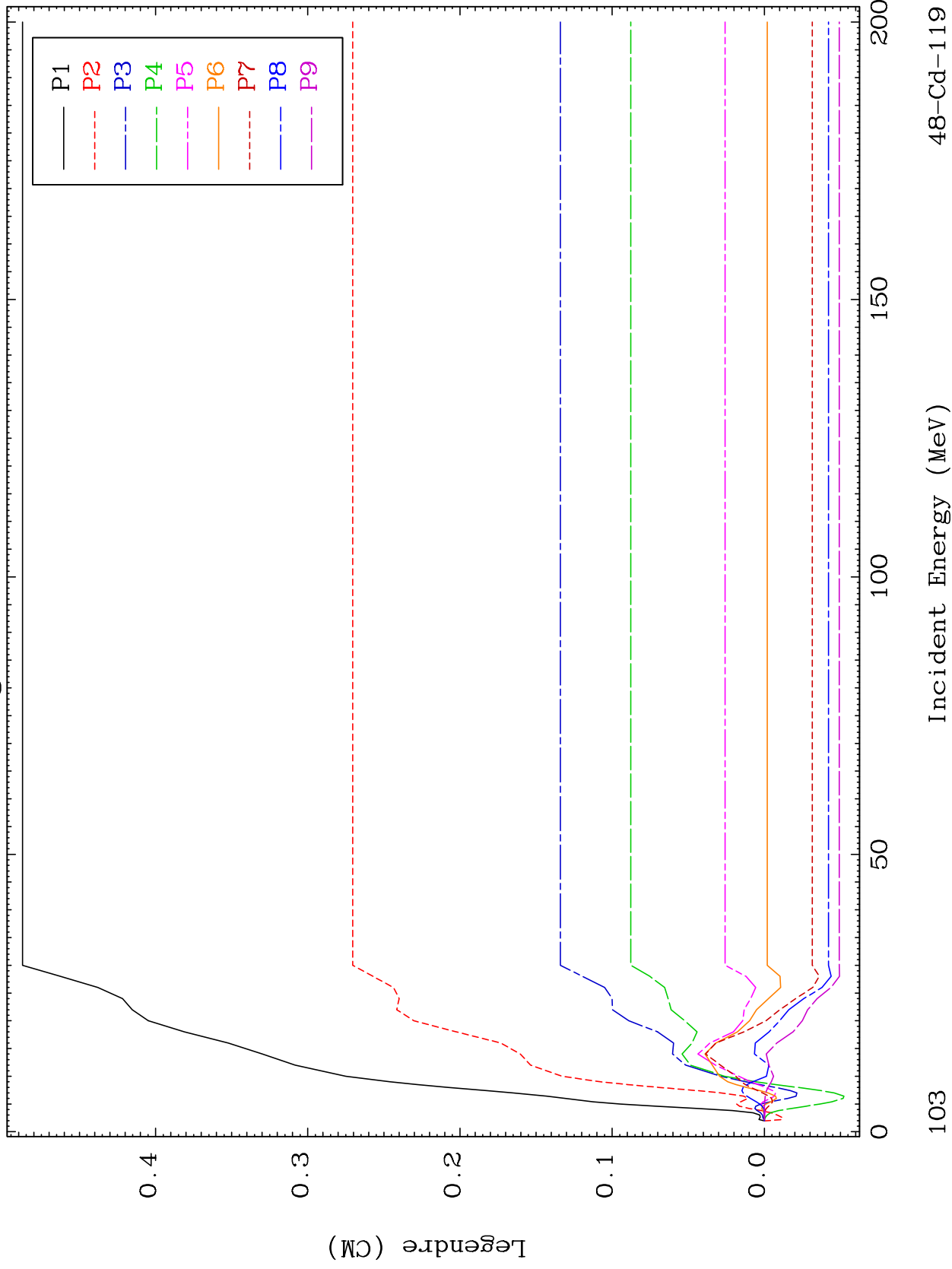
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

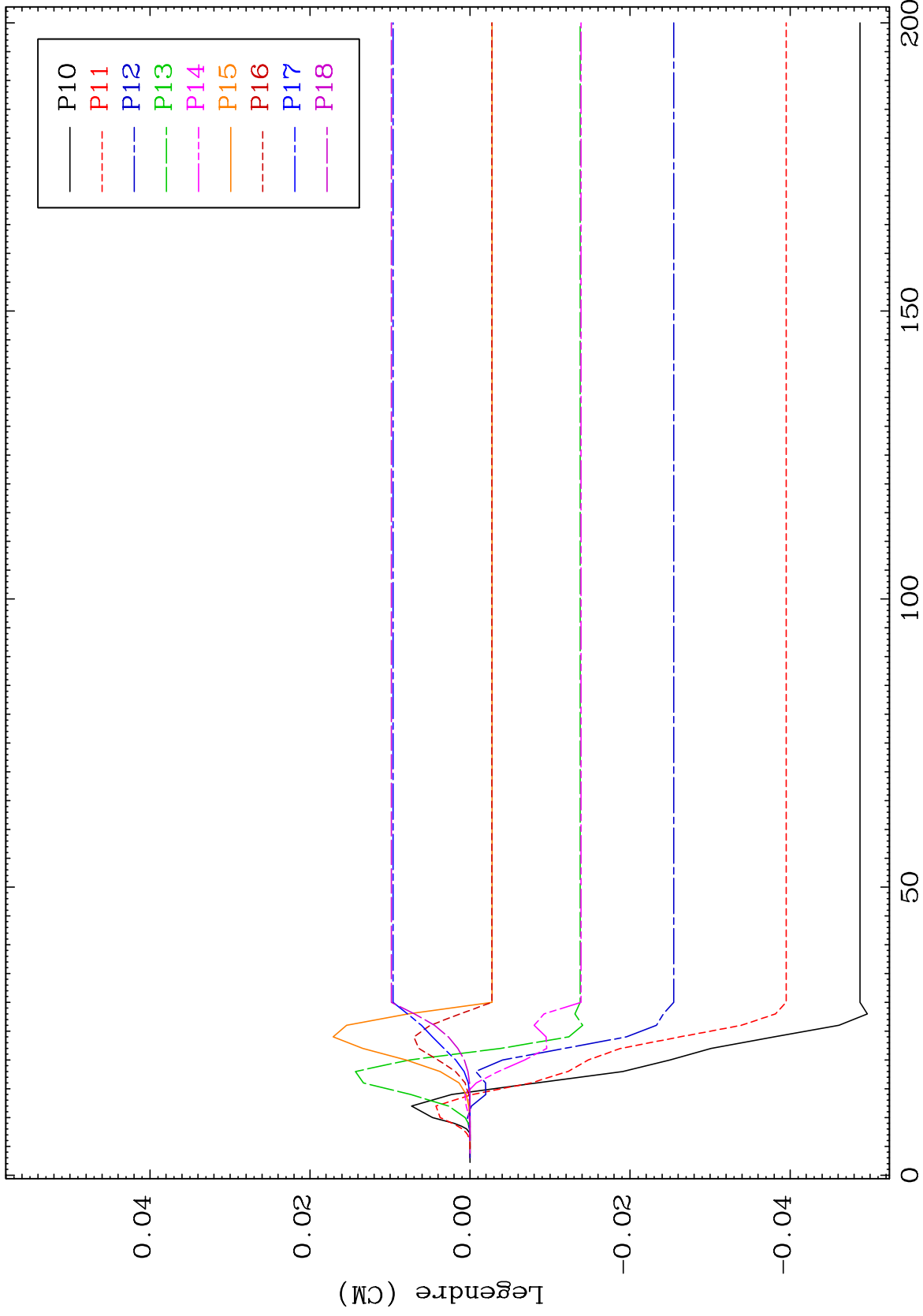
Incident Energy (MeV)

103

MAT 4864

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

48-Cd-119



104

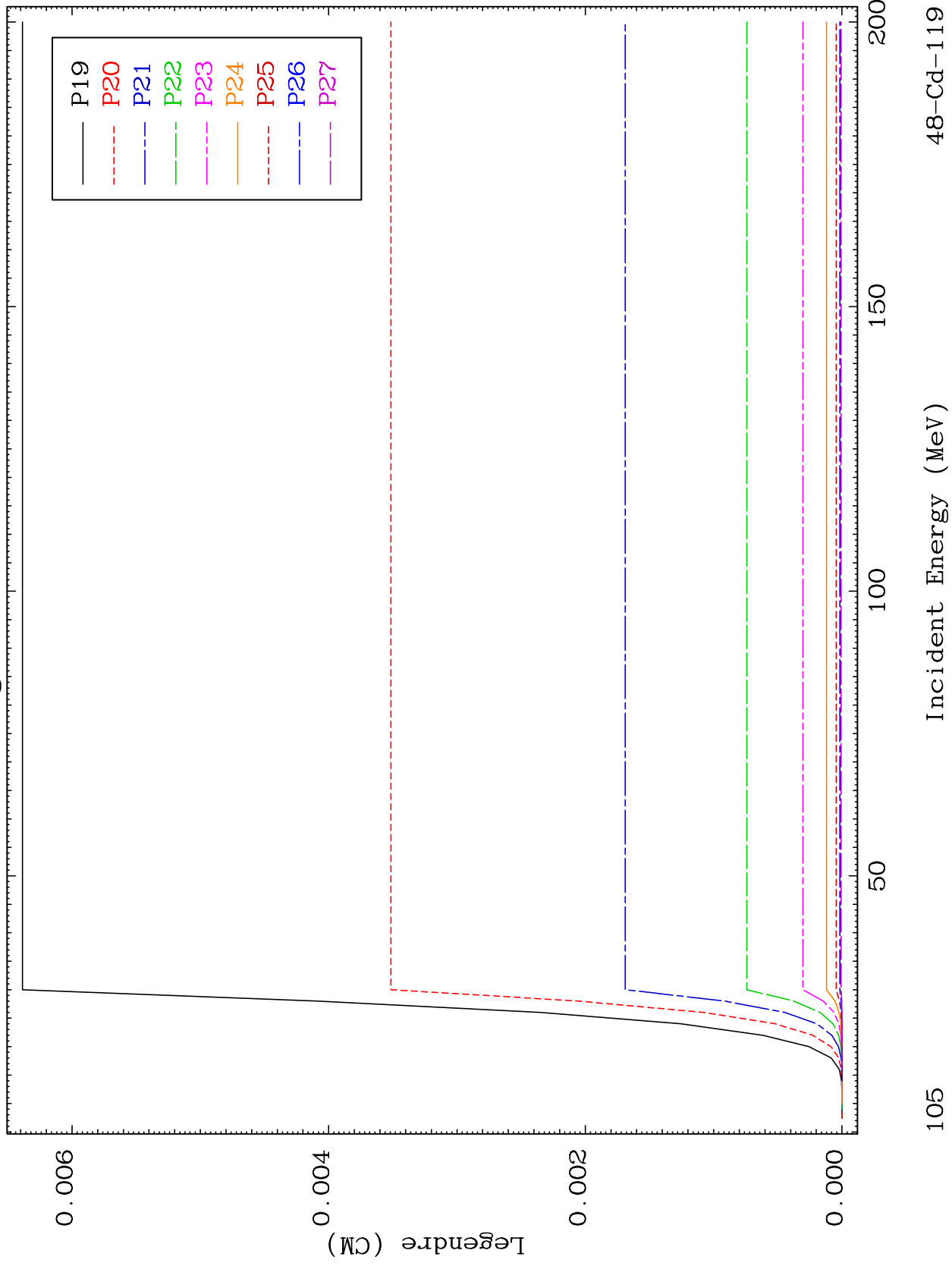
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



105

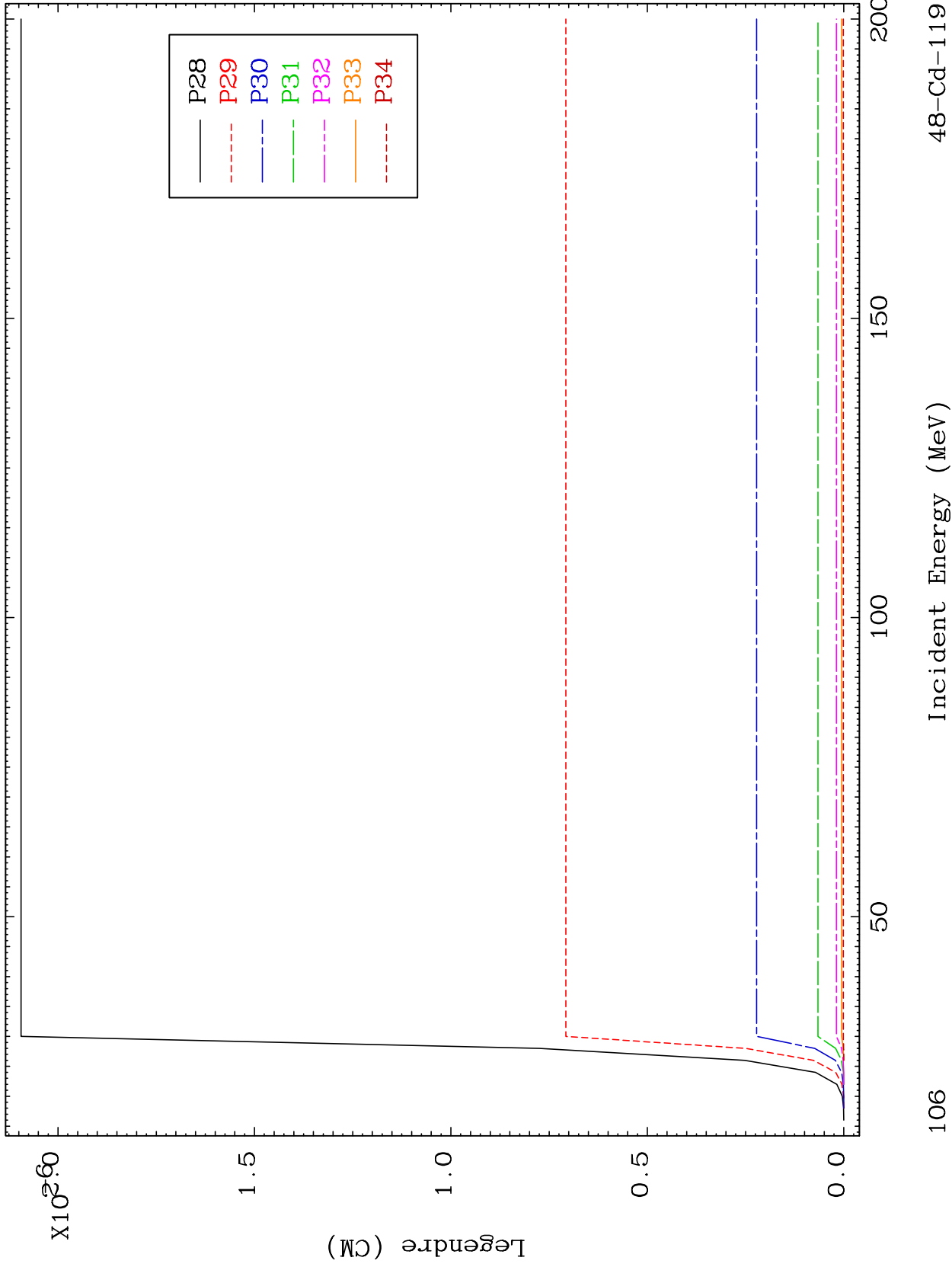
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



106

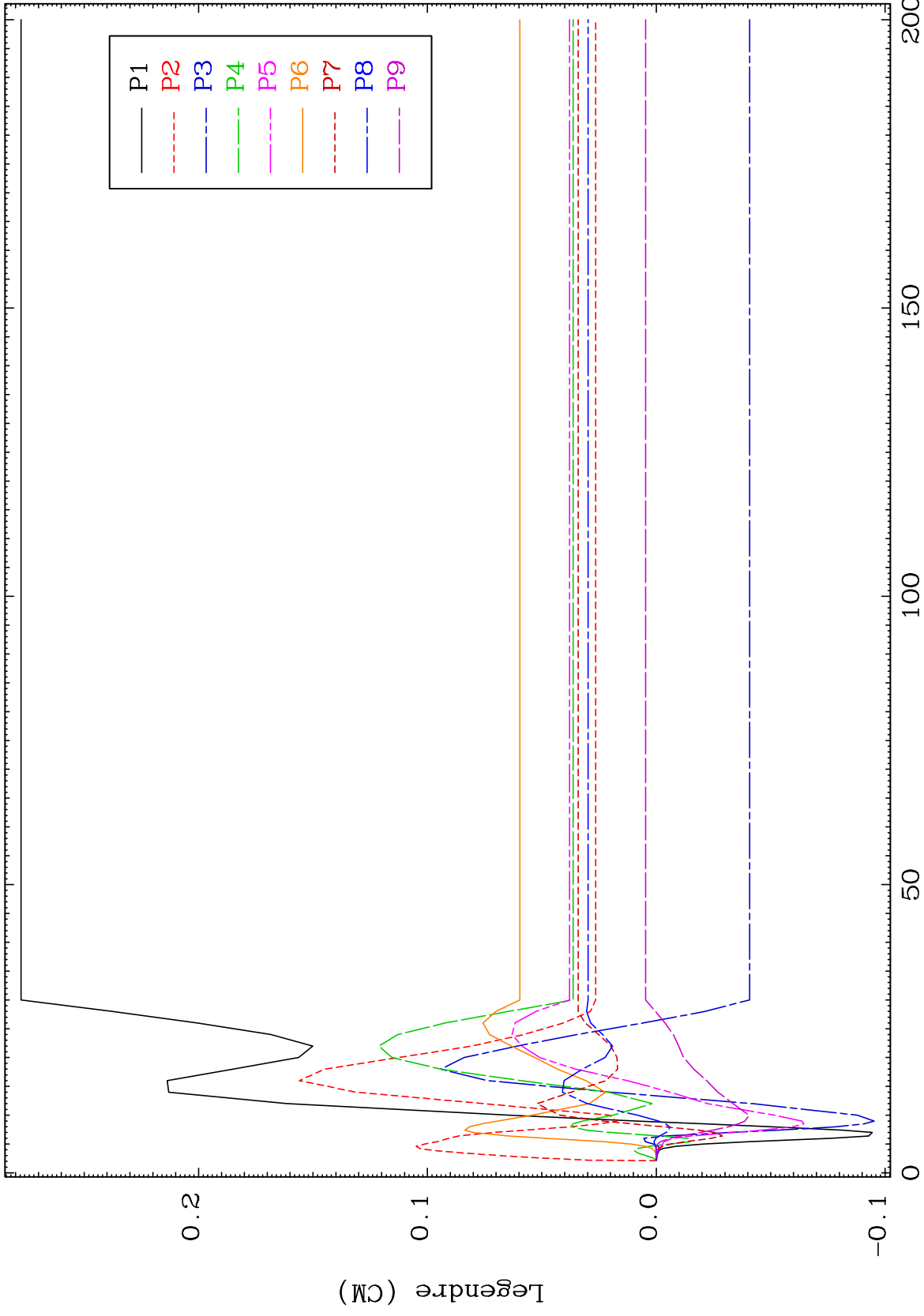
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



107

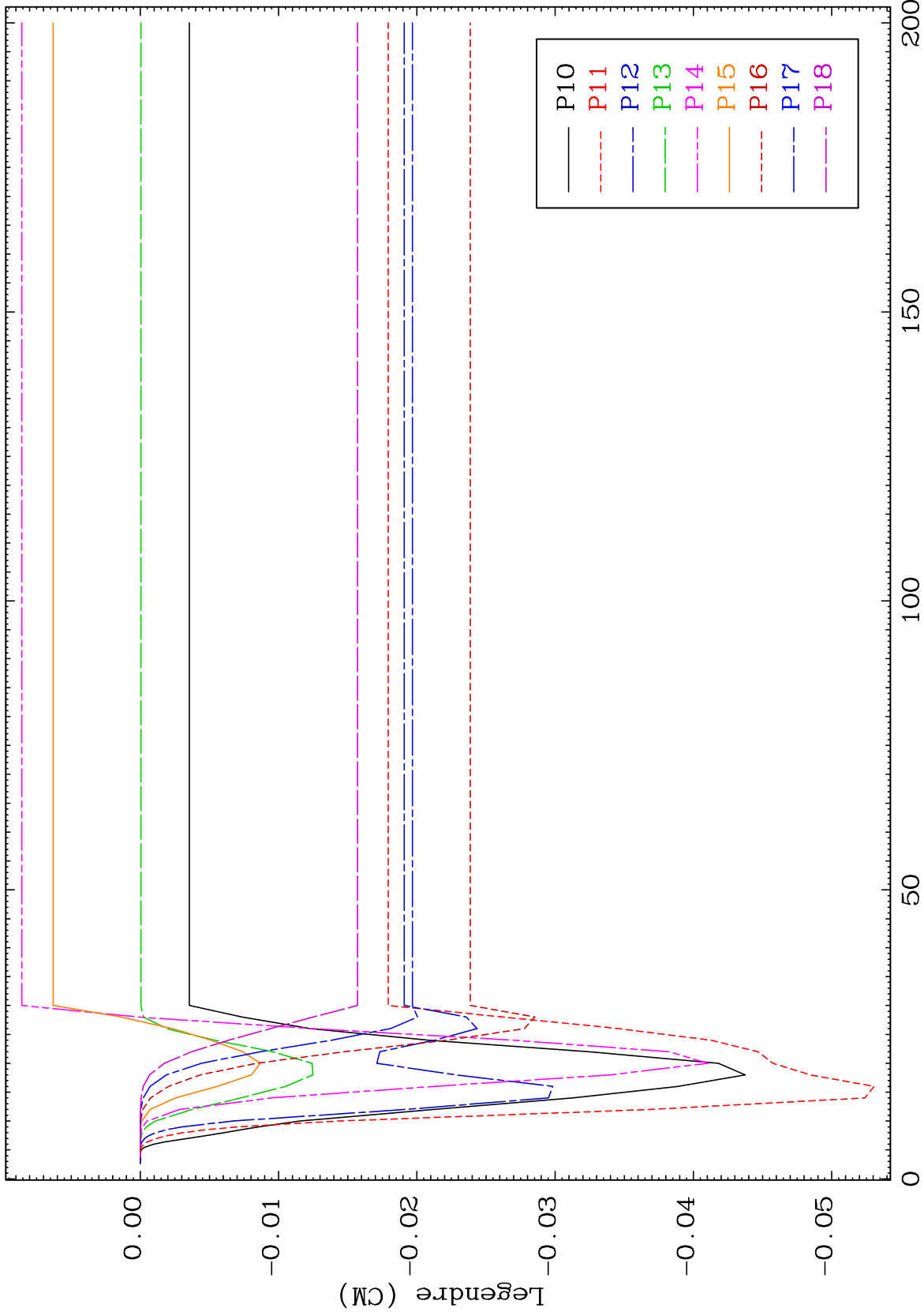
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

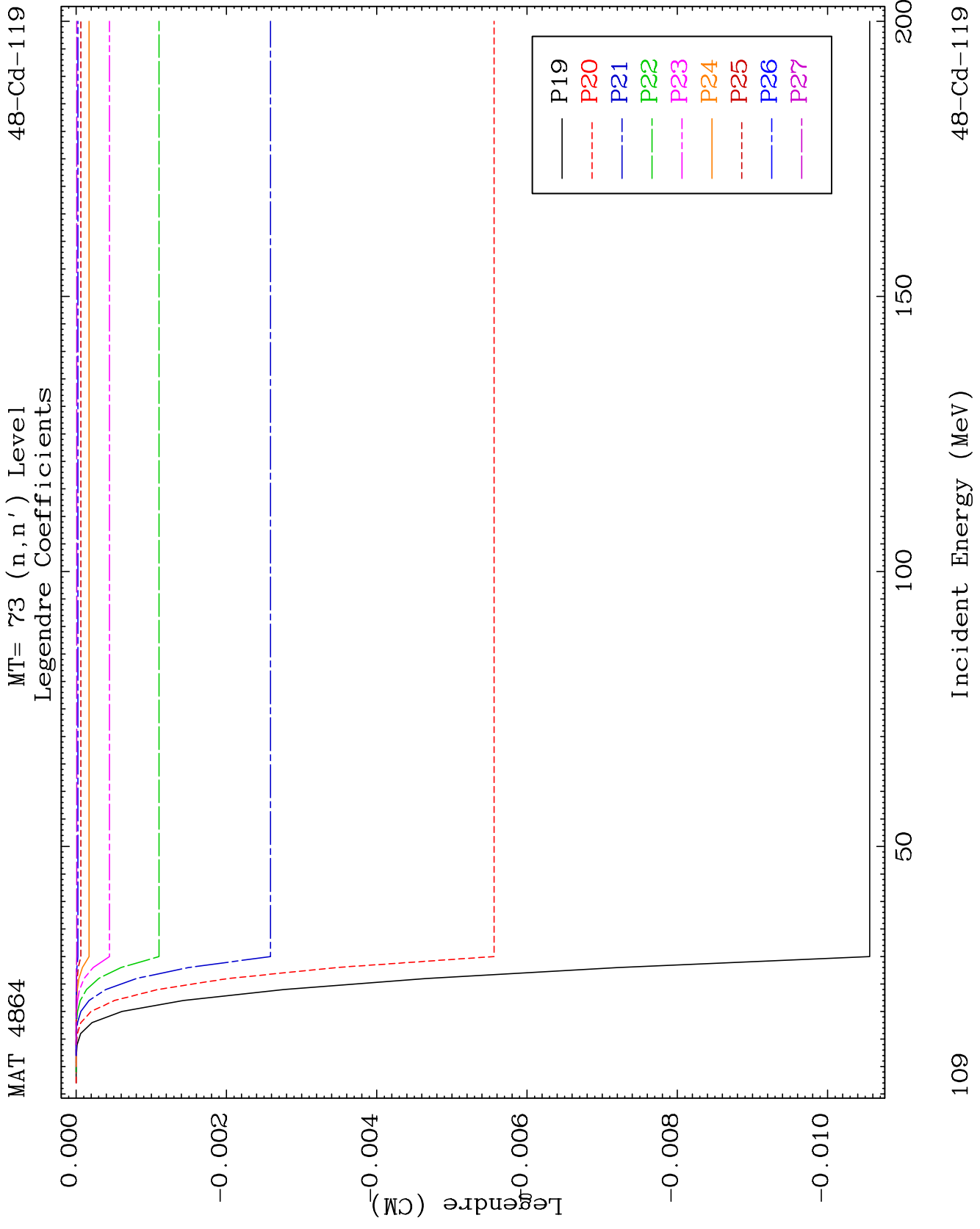
48-Cd-119

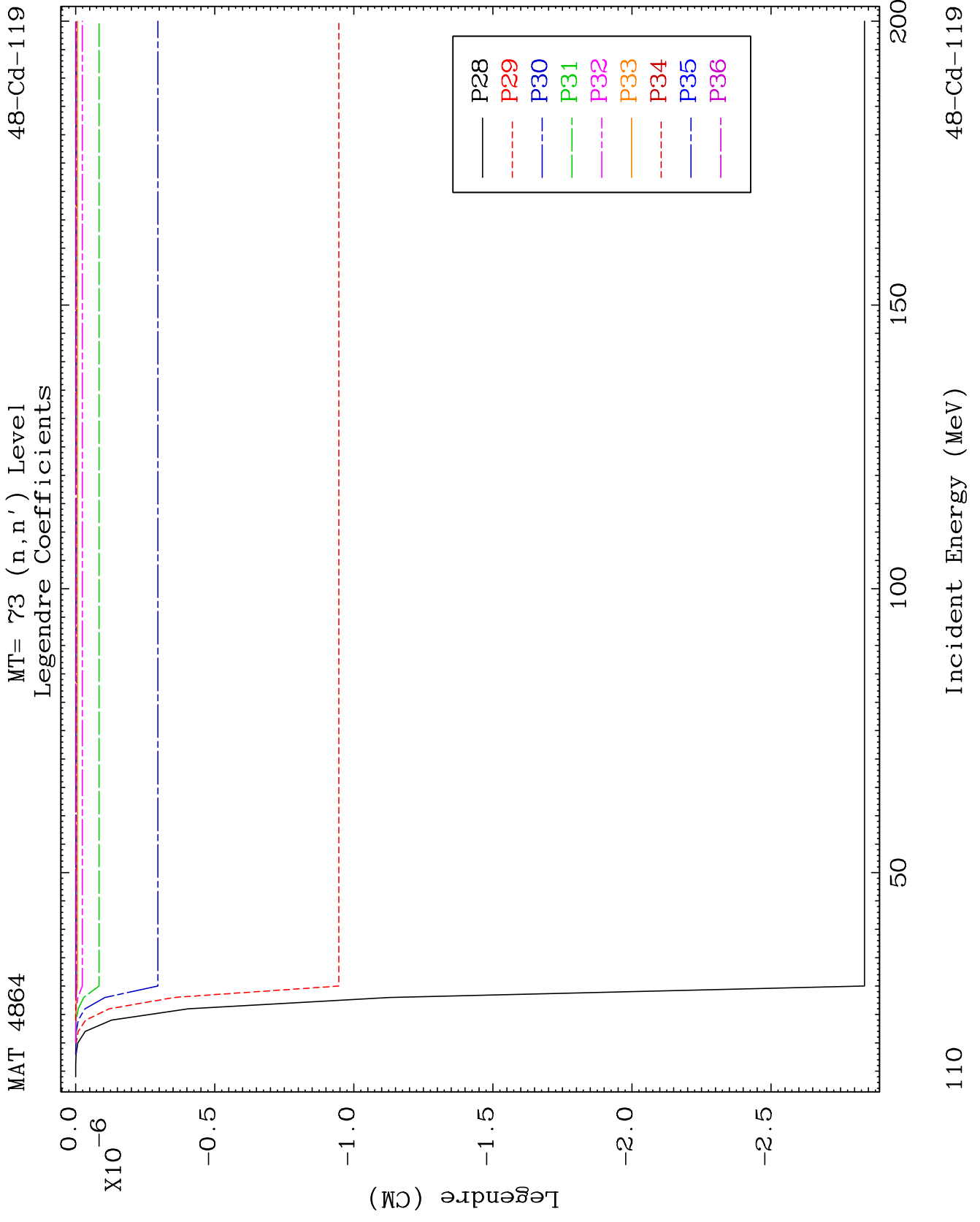


108

Incident Energy (MeV)

48-Cd-119

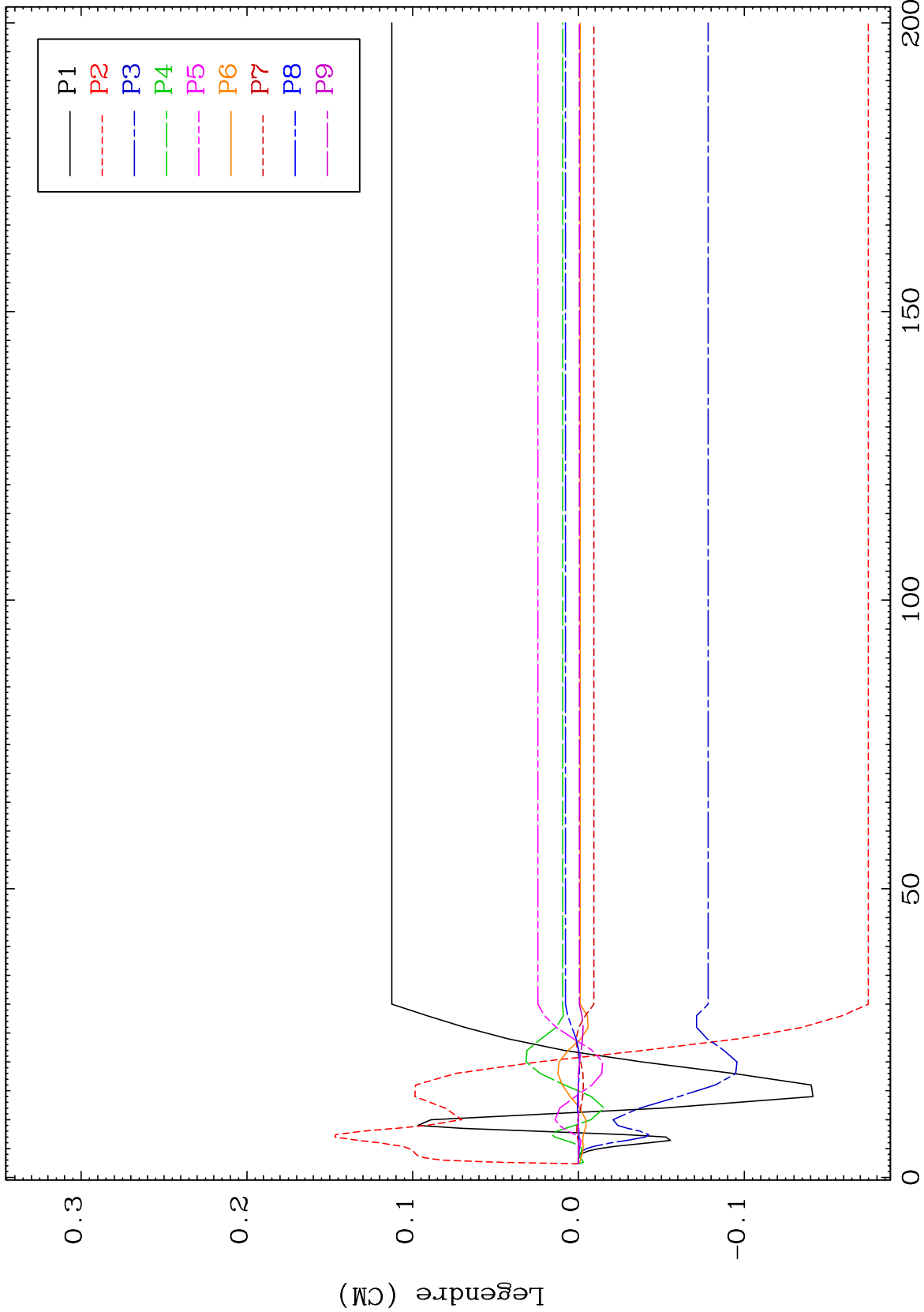




MAT 4864

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

48-Cd-119



111

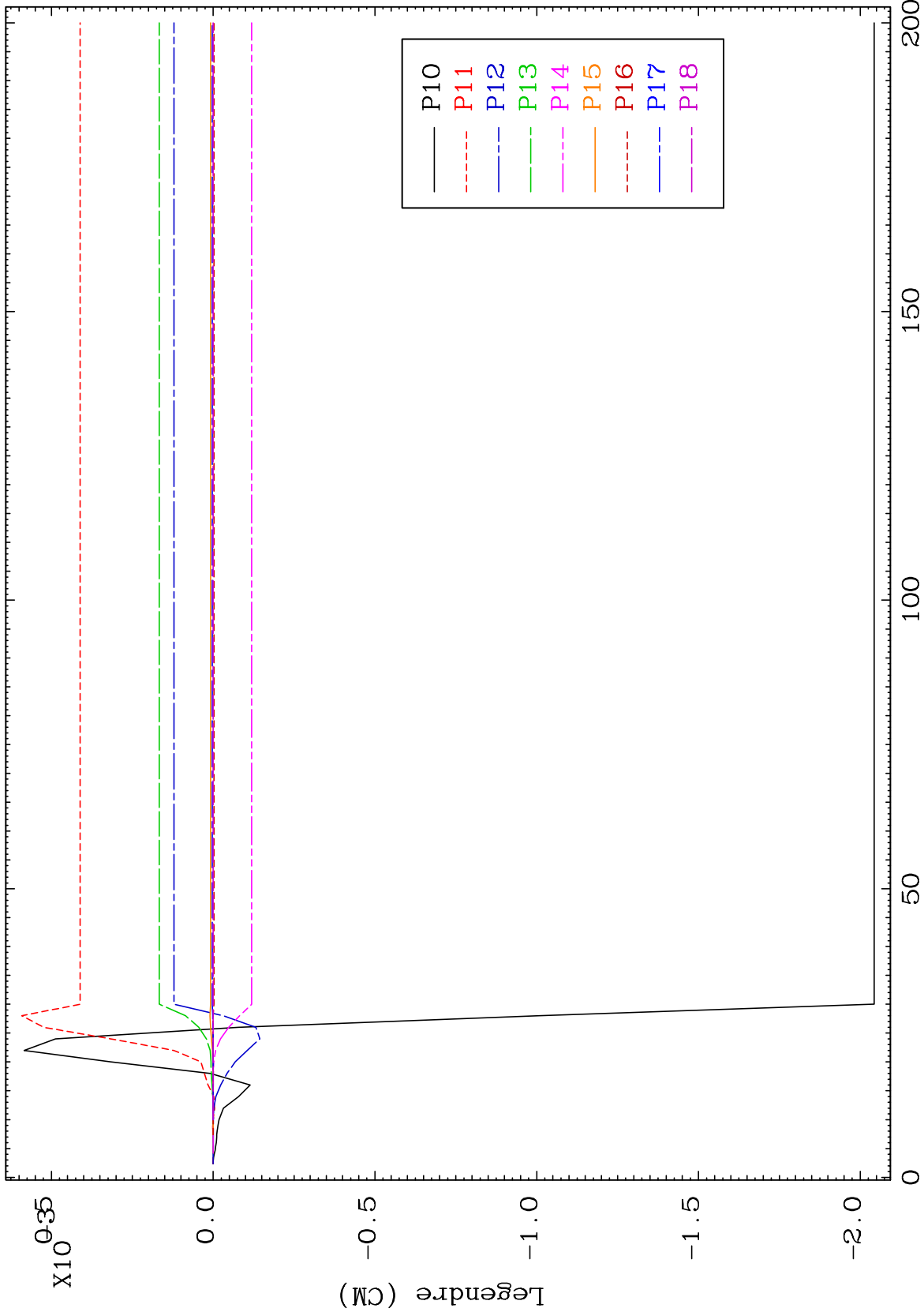
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



112

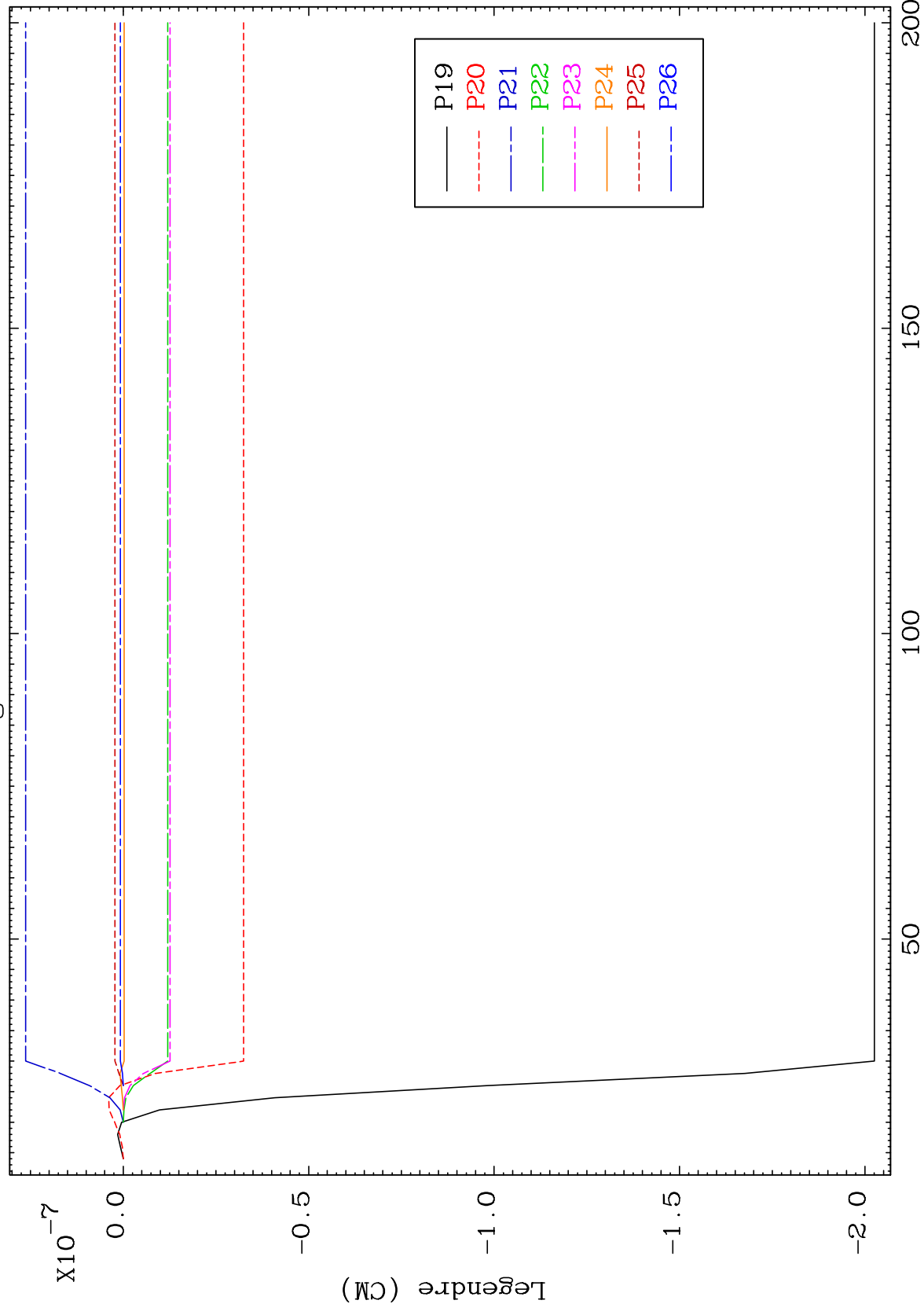
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



113

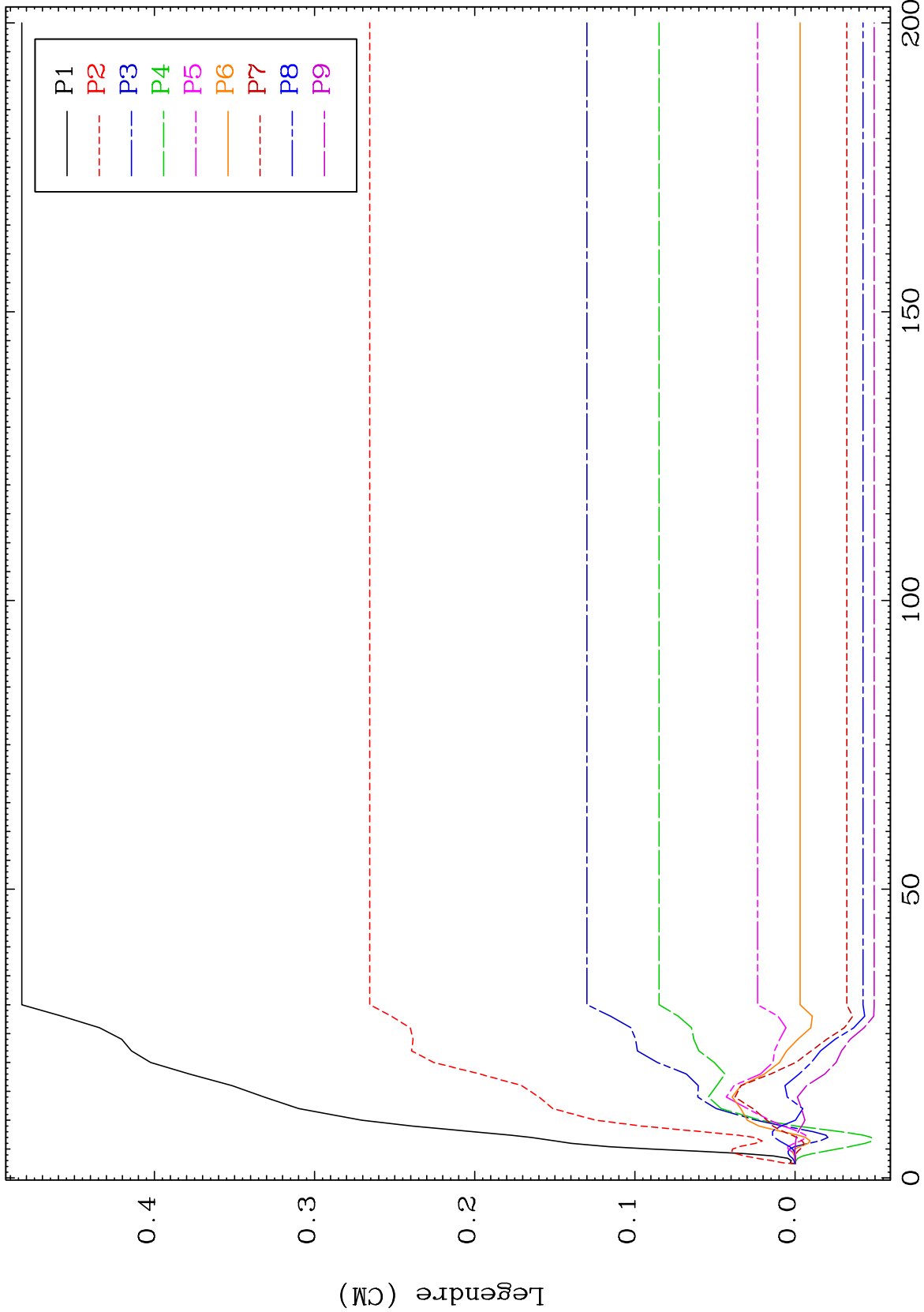
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



114

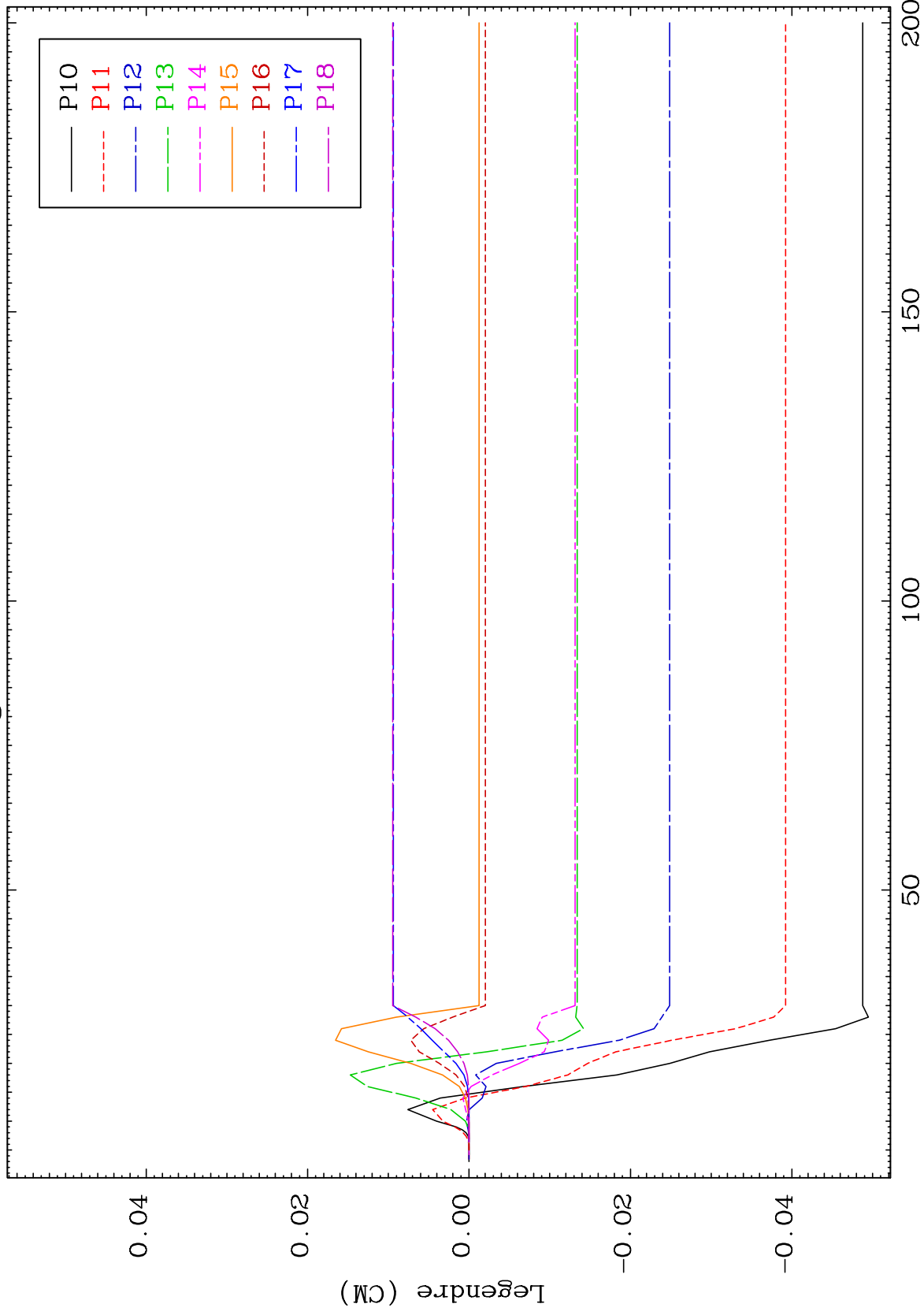
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



115

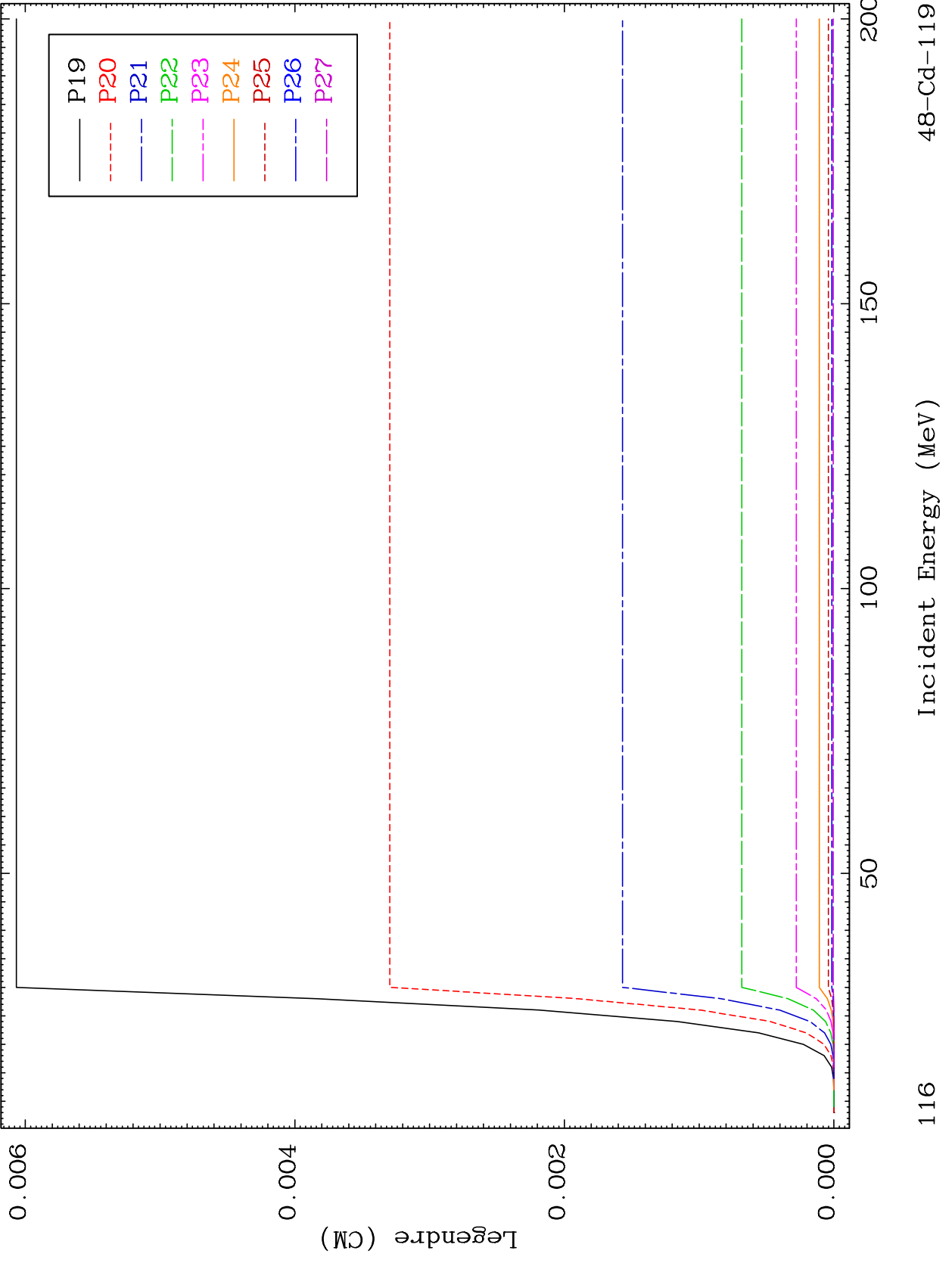
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



116

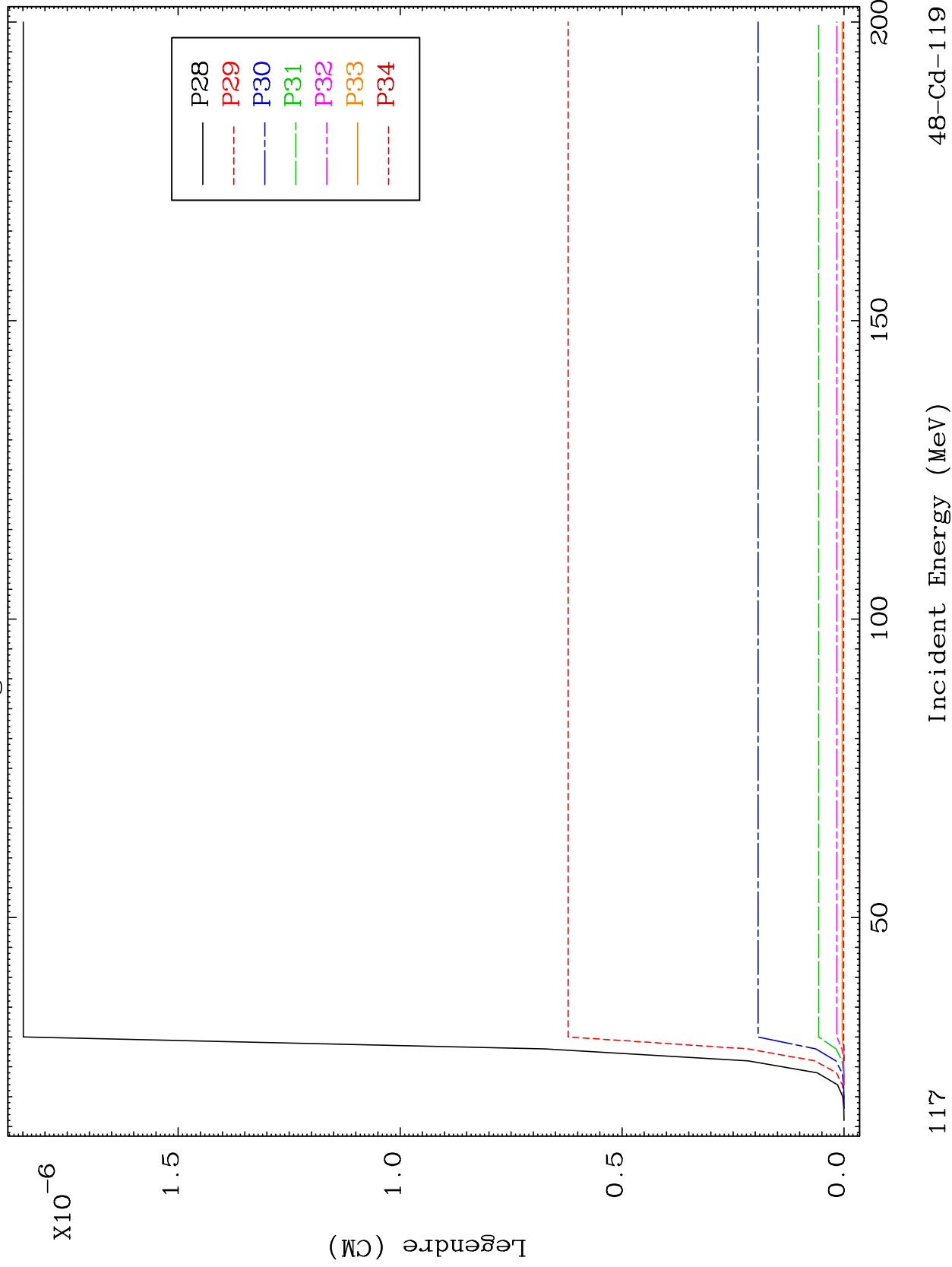
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



117

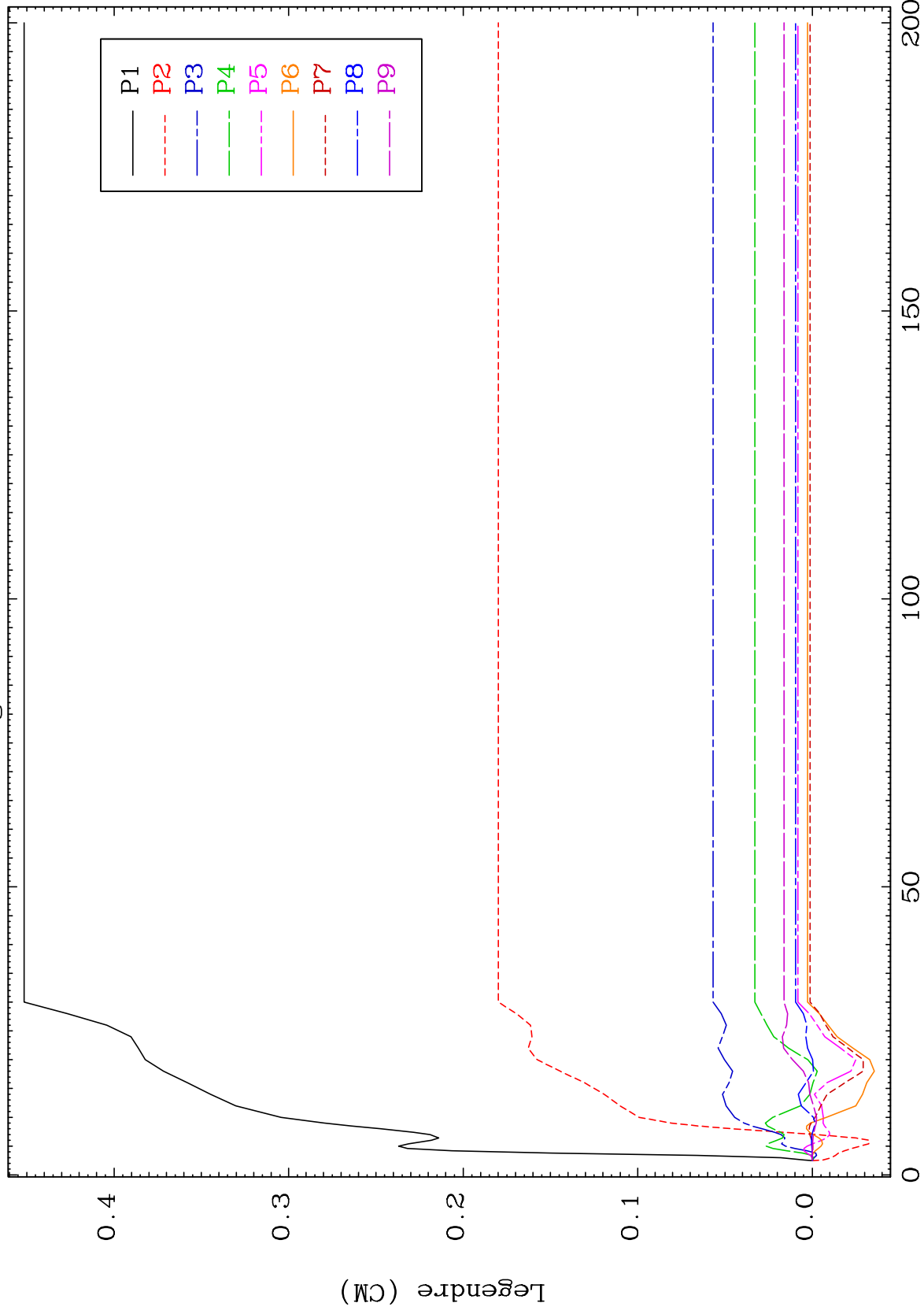
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

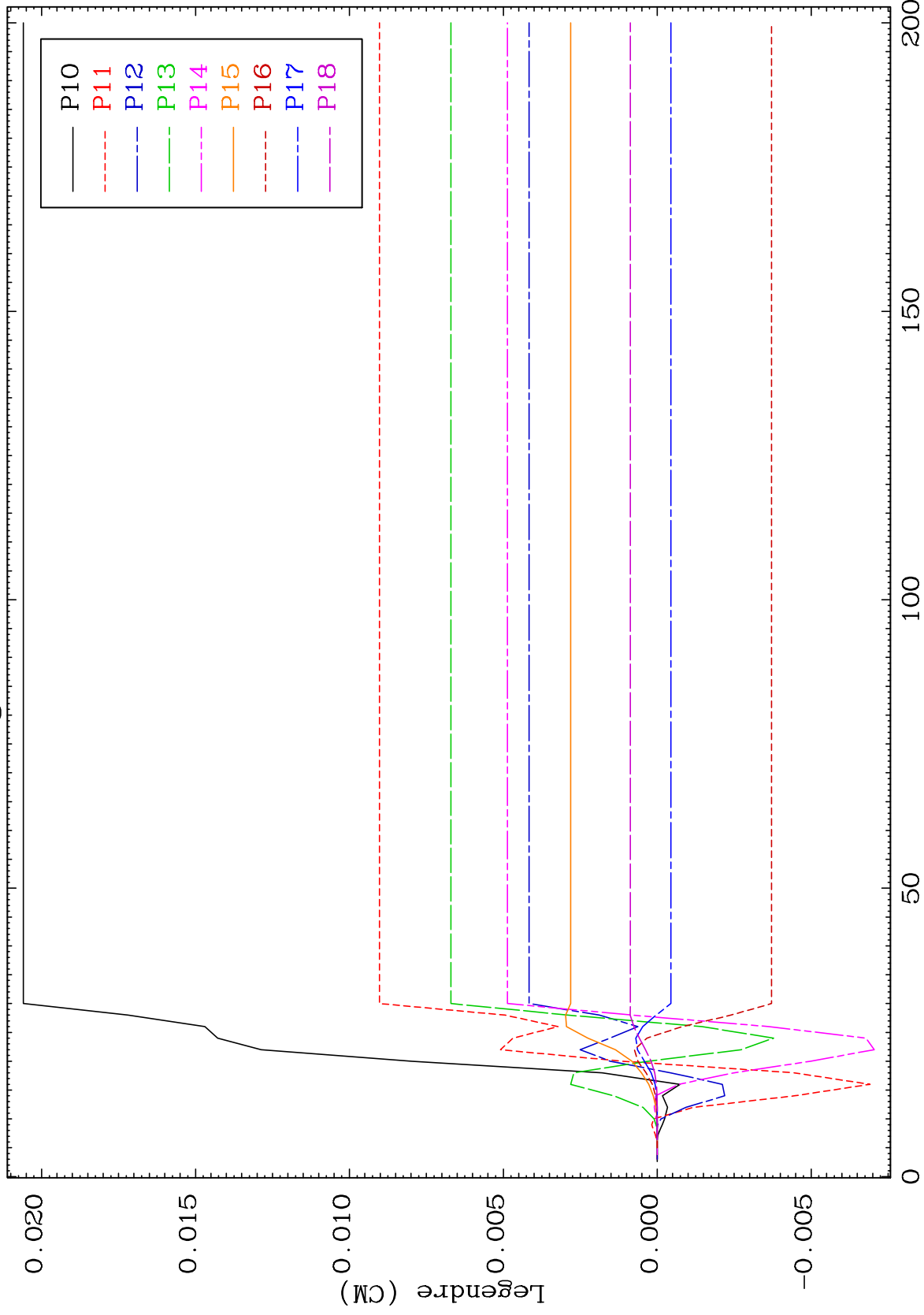
Incident Energy (MeV)

118

MAT 4864

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

48-Cd-119



119

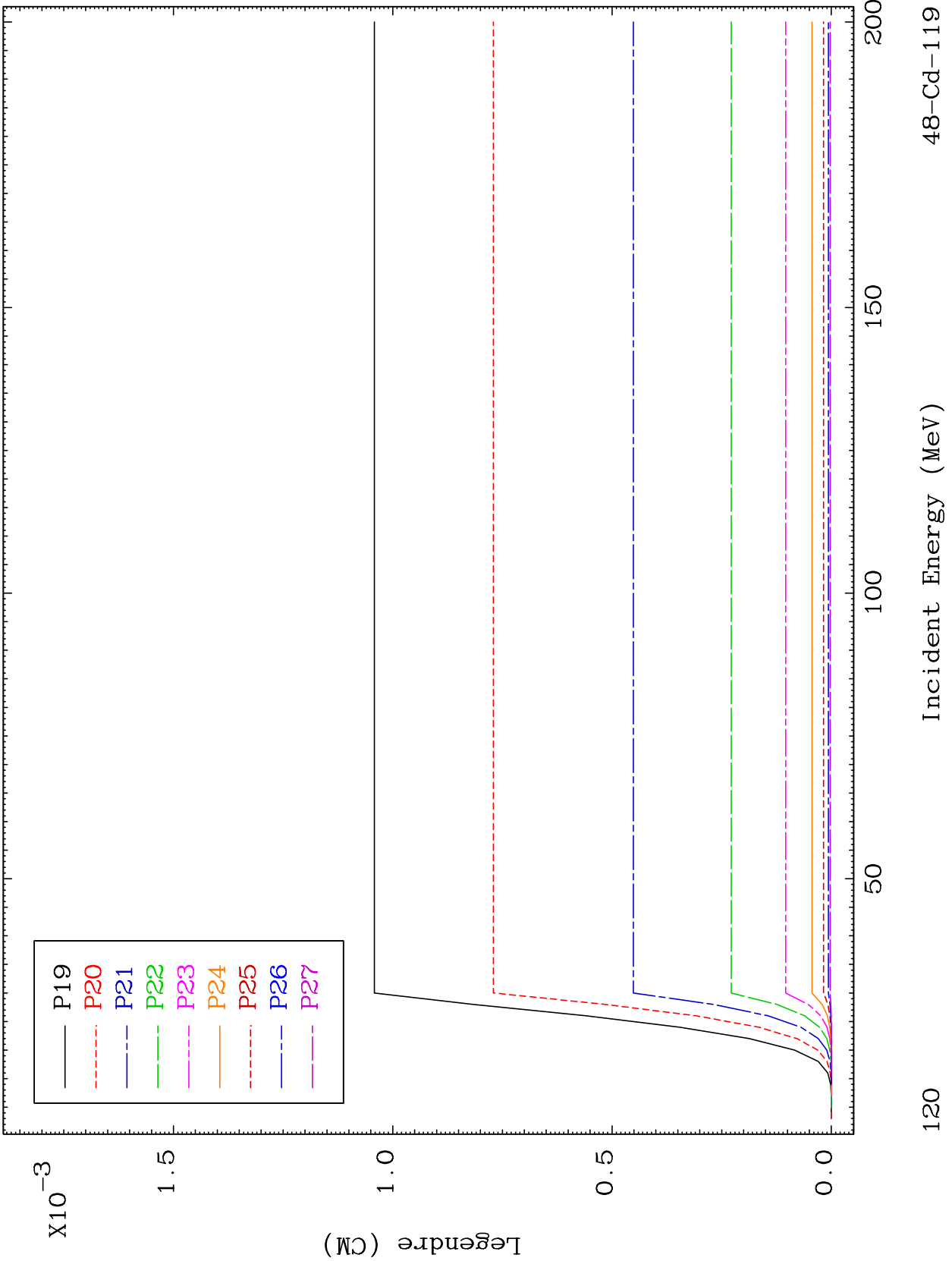
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

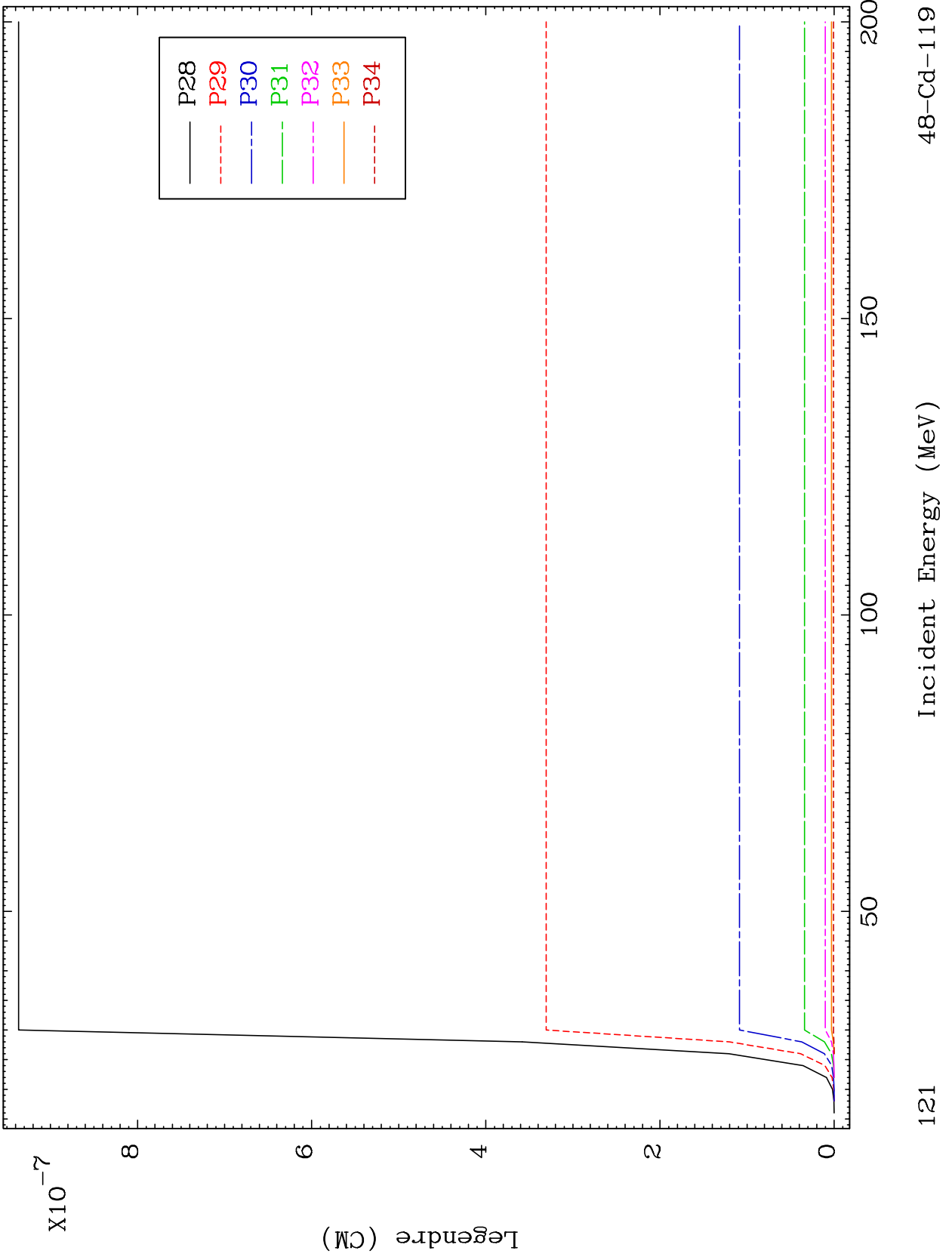
48-Cd-119



MAT 4864

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

48-Cd-119



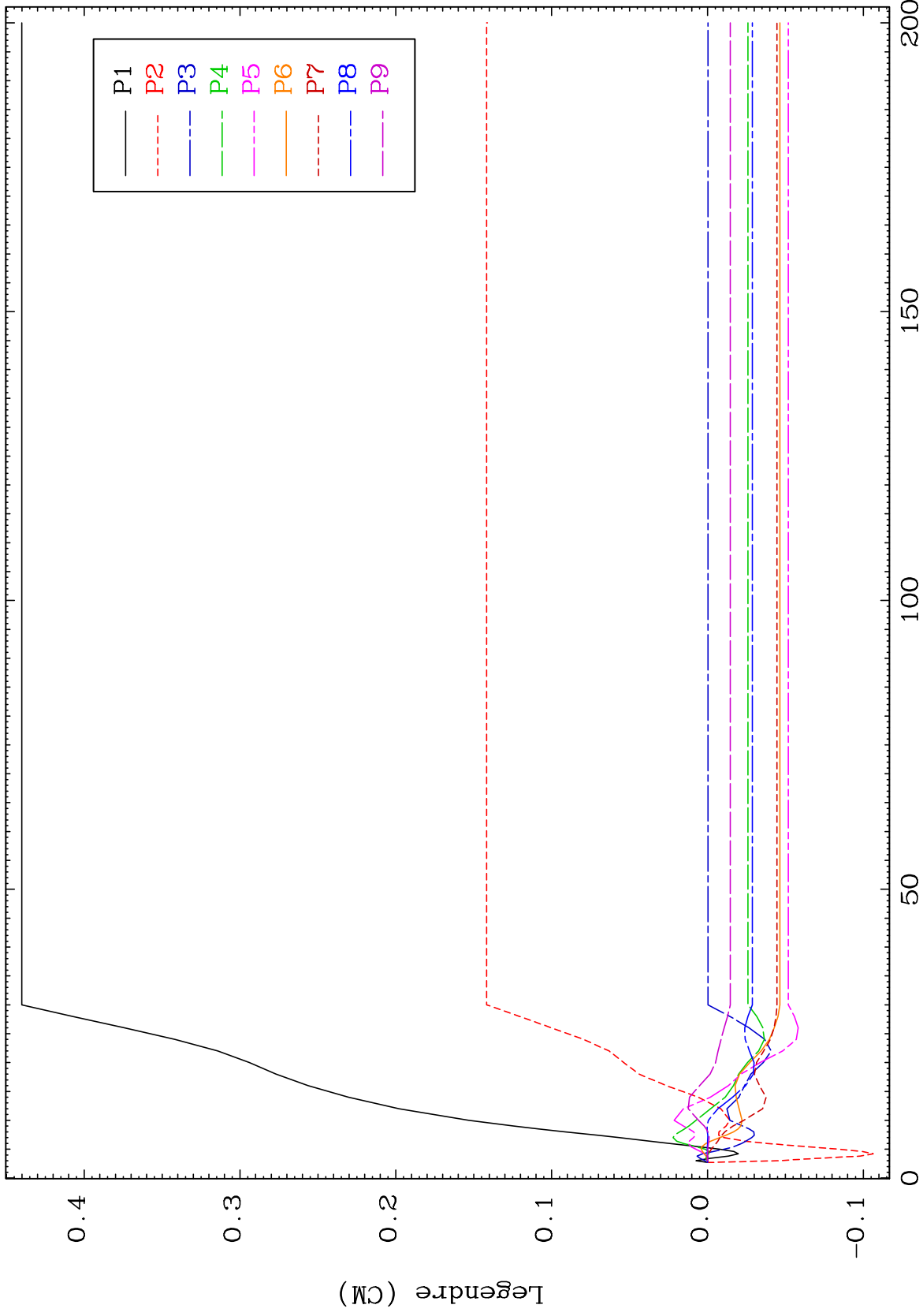
121

48-Cd-119

MAT 4864

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

48-Cd-119



48-Cd-119

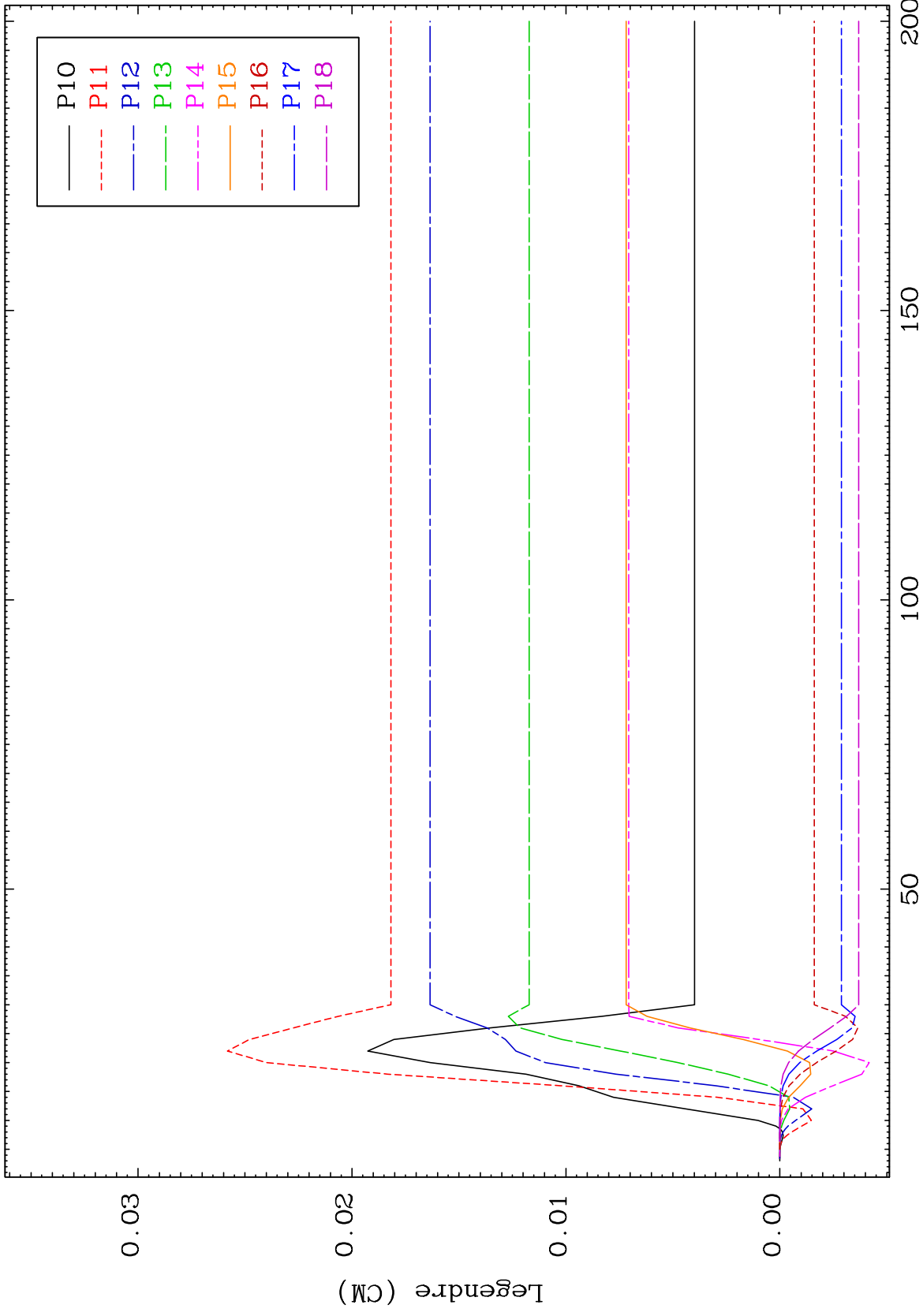
Incident Energy (MeV)

122

MAT 4864

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

48-Cd-119



123

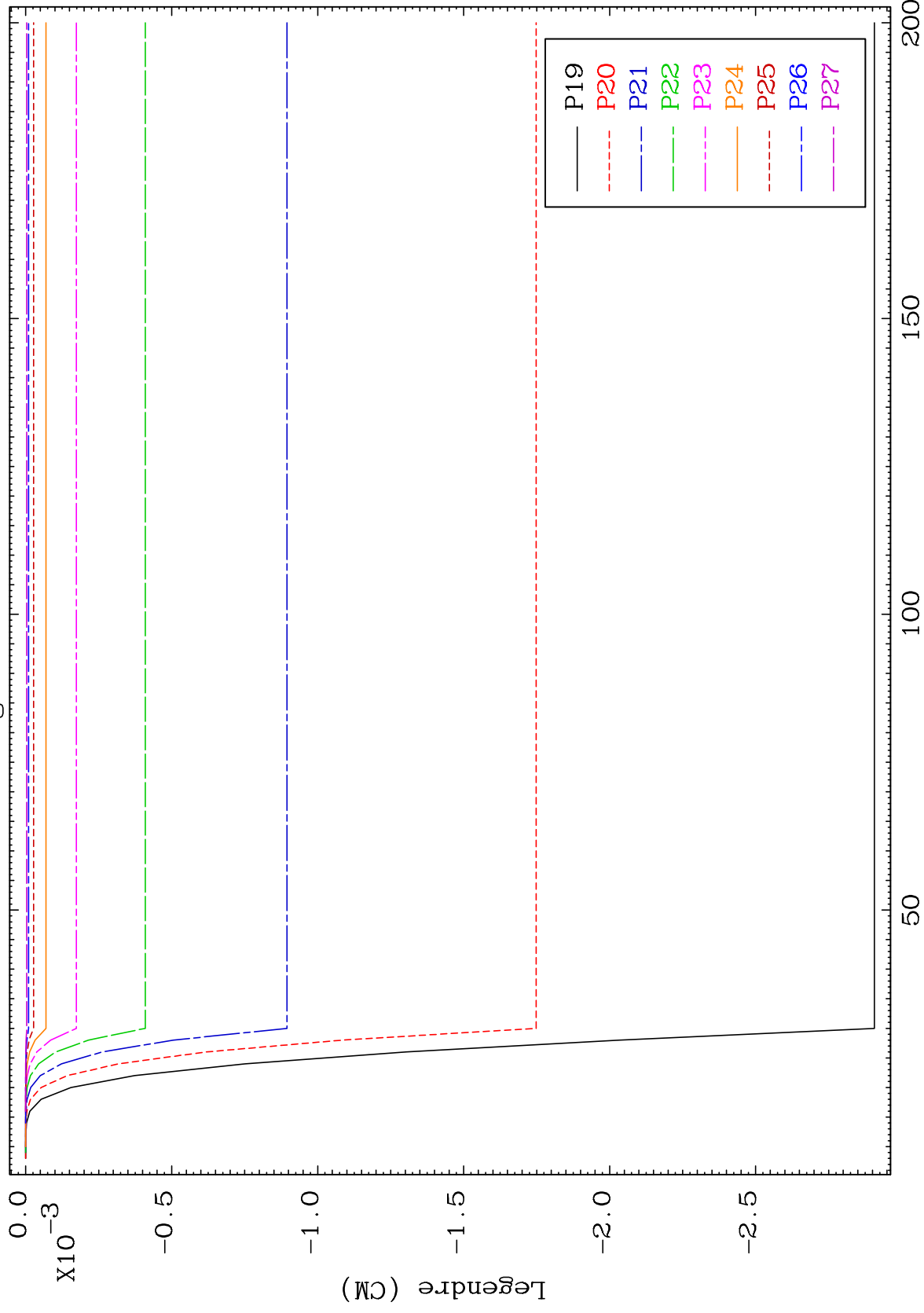
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



124

Incident Energy (MeV)

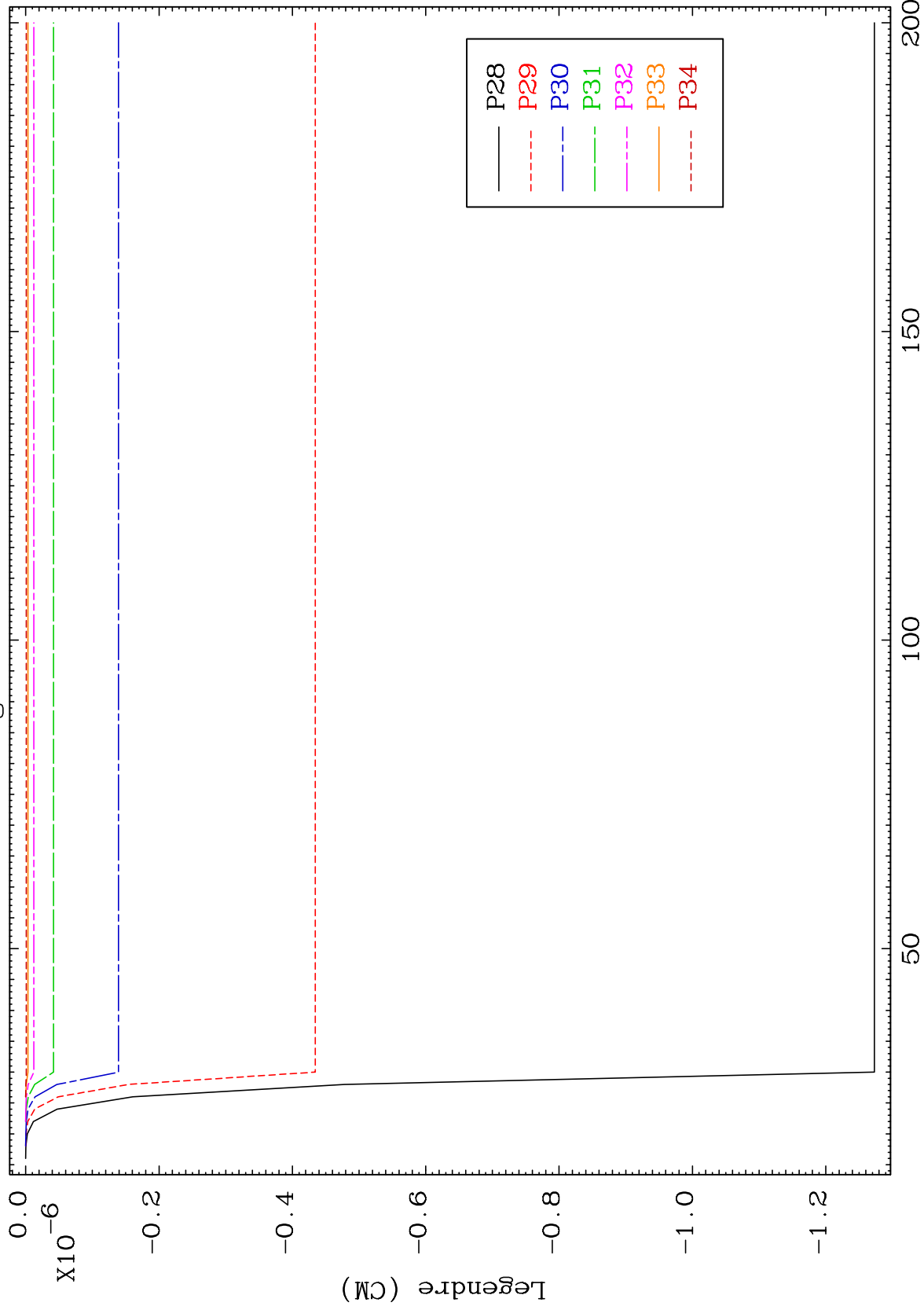
48-Cd-119

MAT 4864

MT= 77 (n,n') Level

48-Cd-119

Legendre Coefficients



125

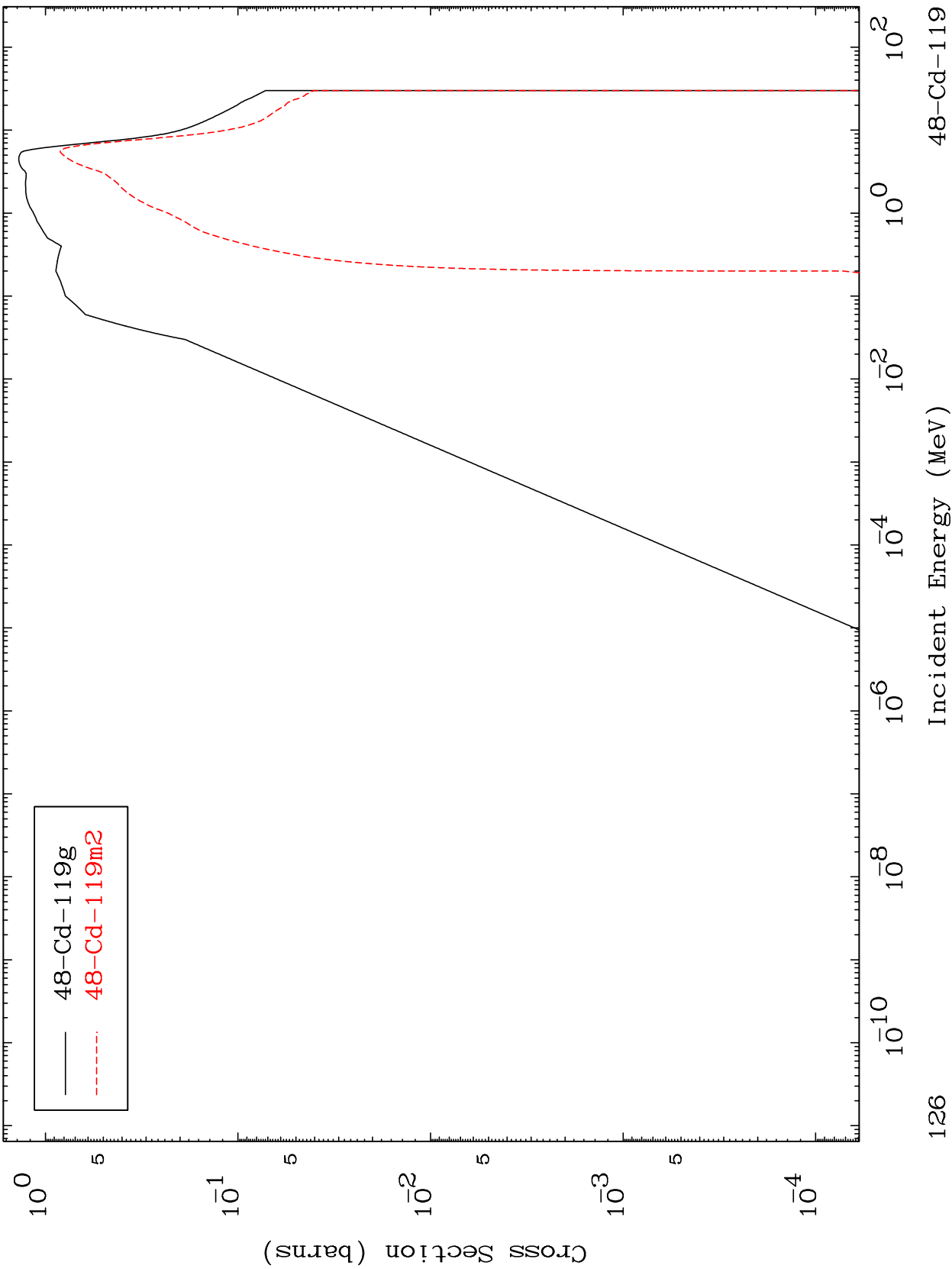
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

Inelastic
Radionuclide Production Cross Section

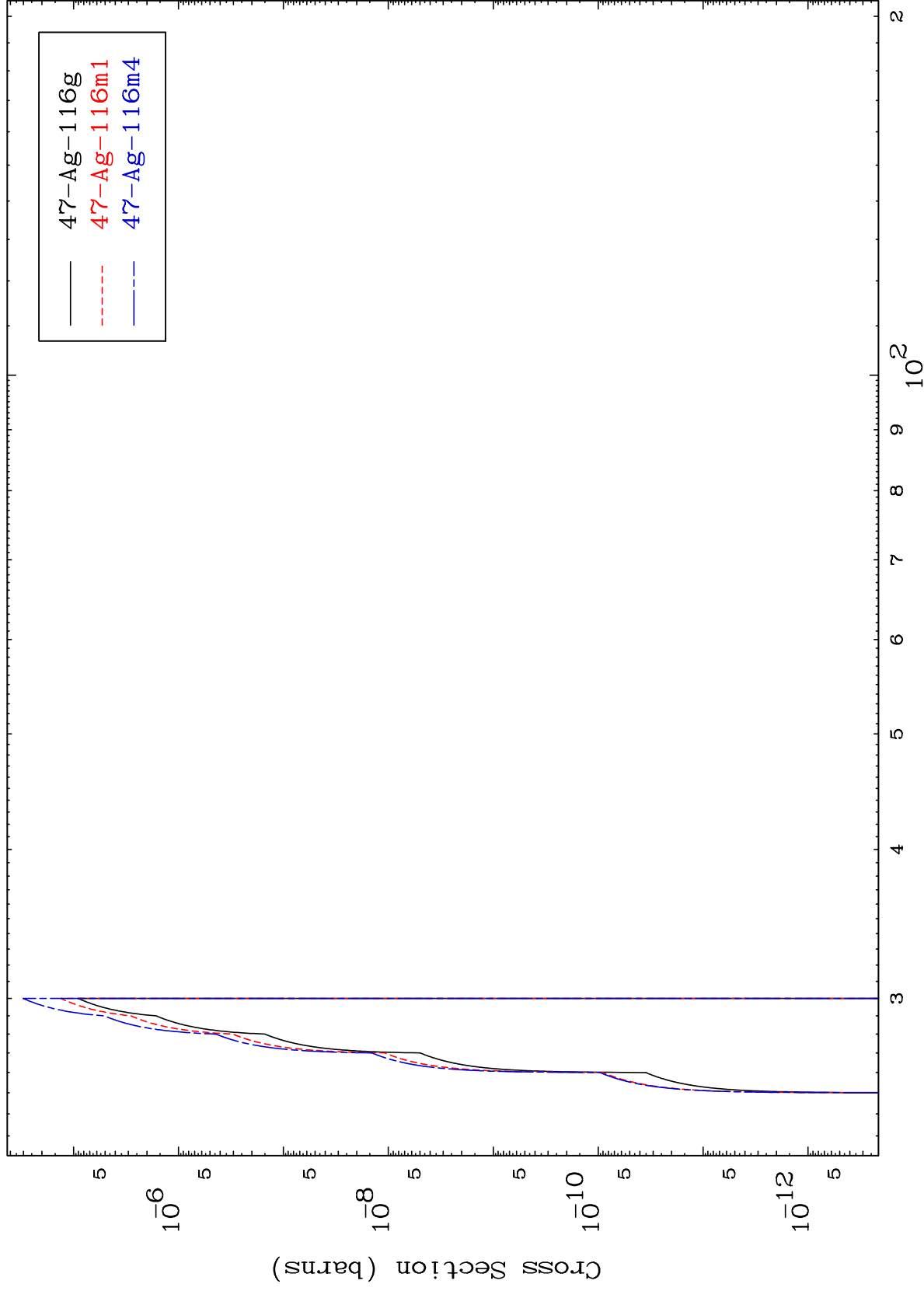


MAT 4864

(n,2n) d

48-Cd-119

Radionuclide Production Cross Section



127

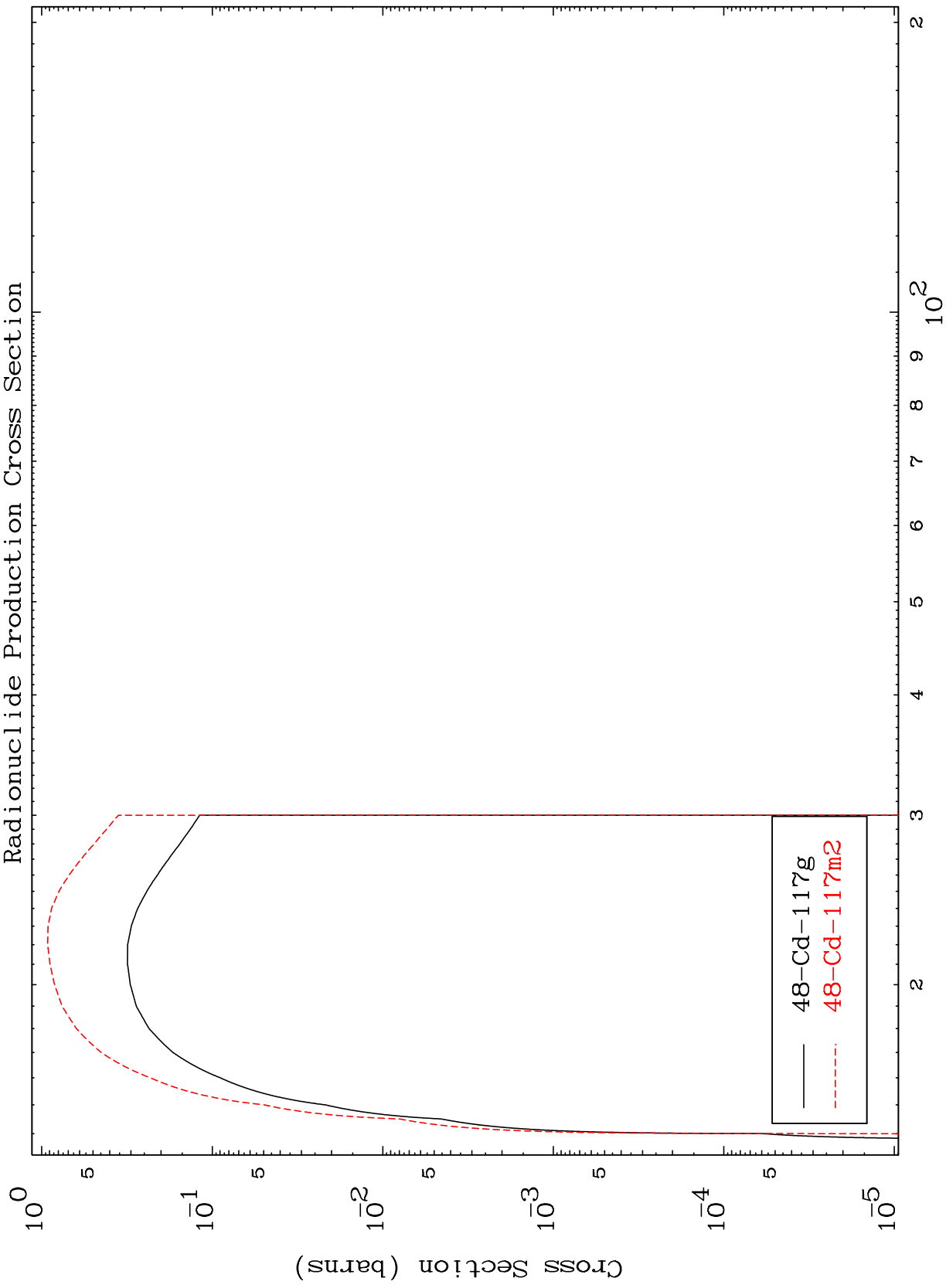
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,3n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

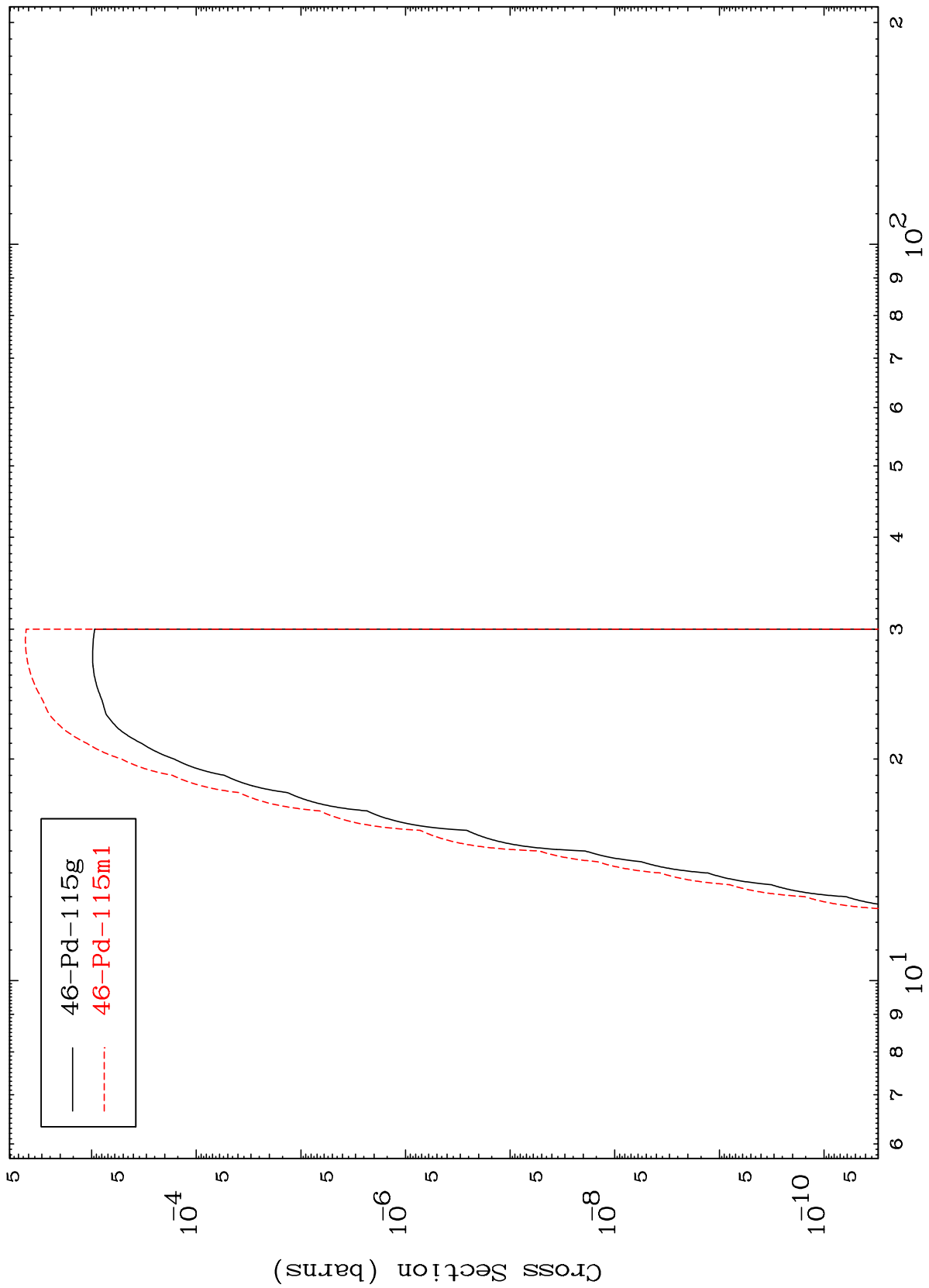
48-Cd-119

MAT 4864

(n,n') α

48-Cd-119

Radionuclide Production Cross Section



129

Incident Energy (MeV)

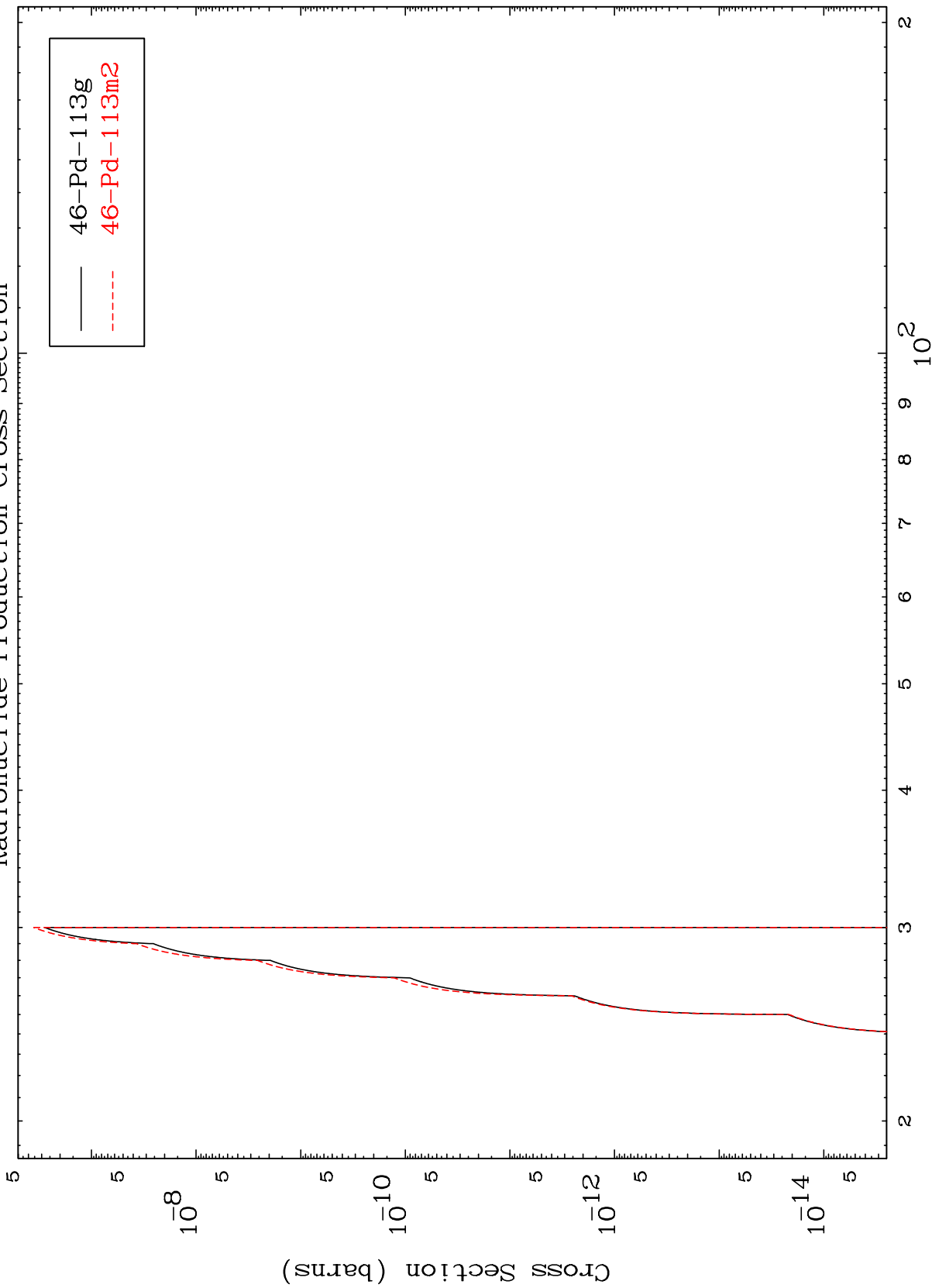
48-Cd-119

MAT 4864

(n,3n) α

48-Cd-119

Radionuclide Production Cross Section



130

Incident Energy (MeV)

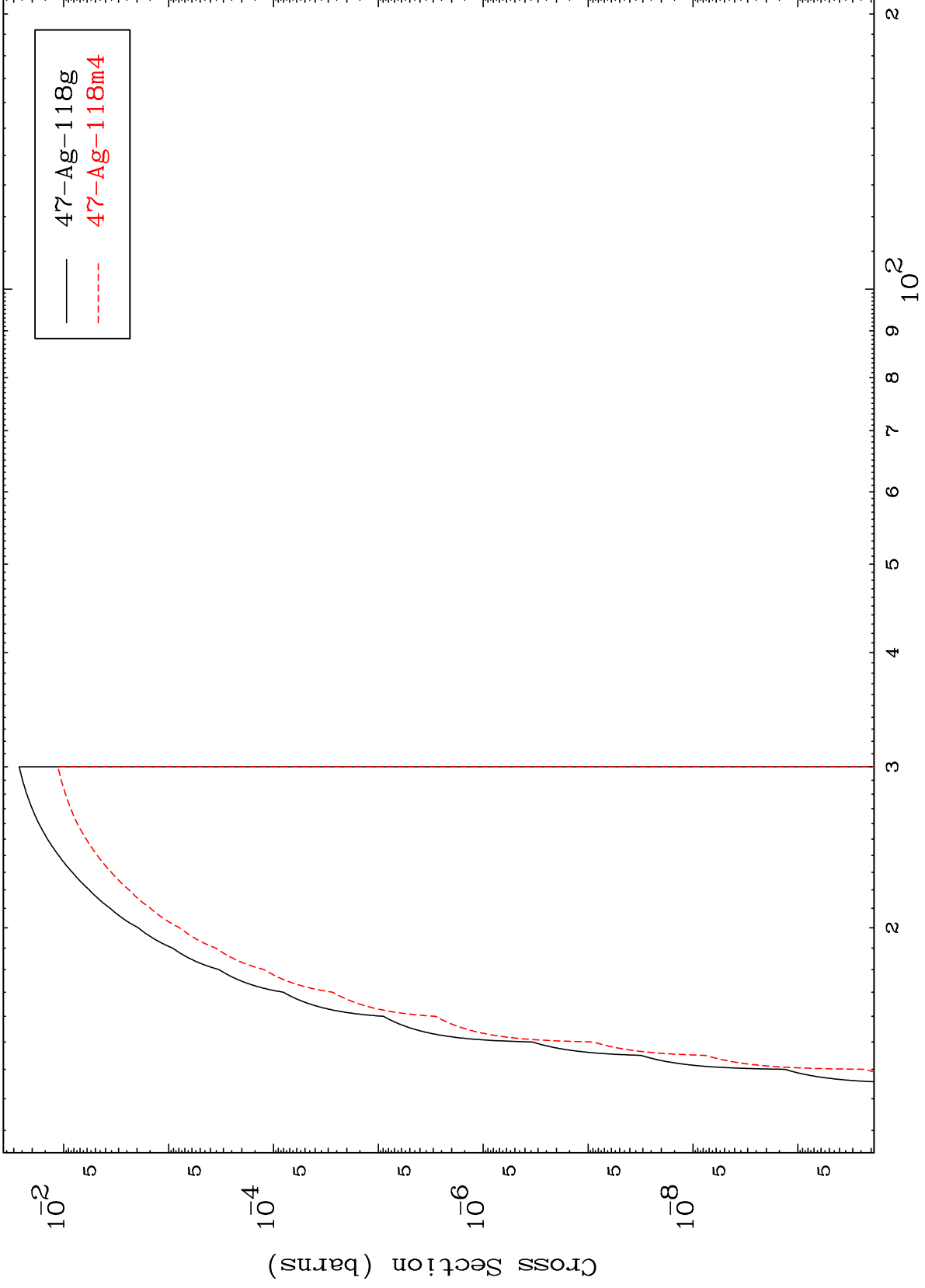
48-Cd-119

MAT 4864

(n,n') p

48-Cd-119

Radionuclide Production Cross Section



131

Incident Energy (MeV)

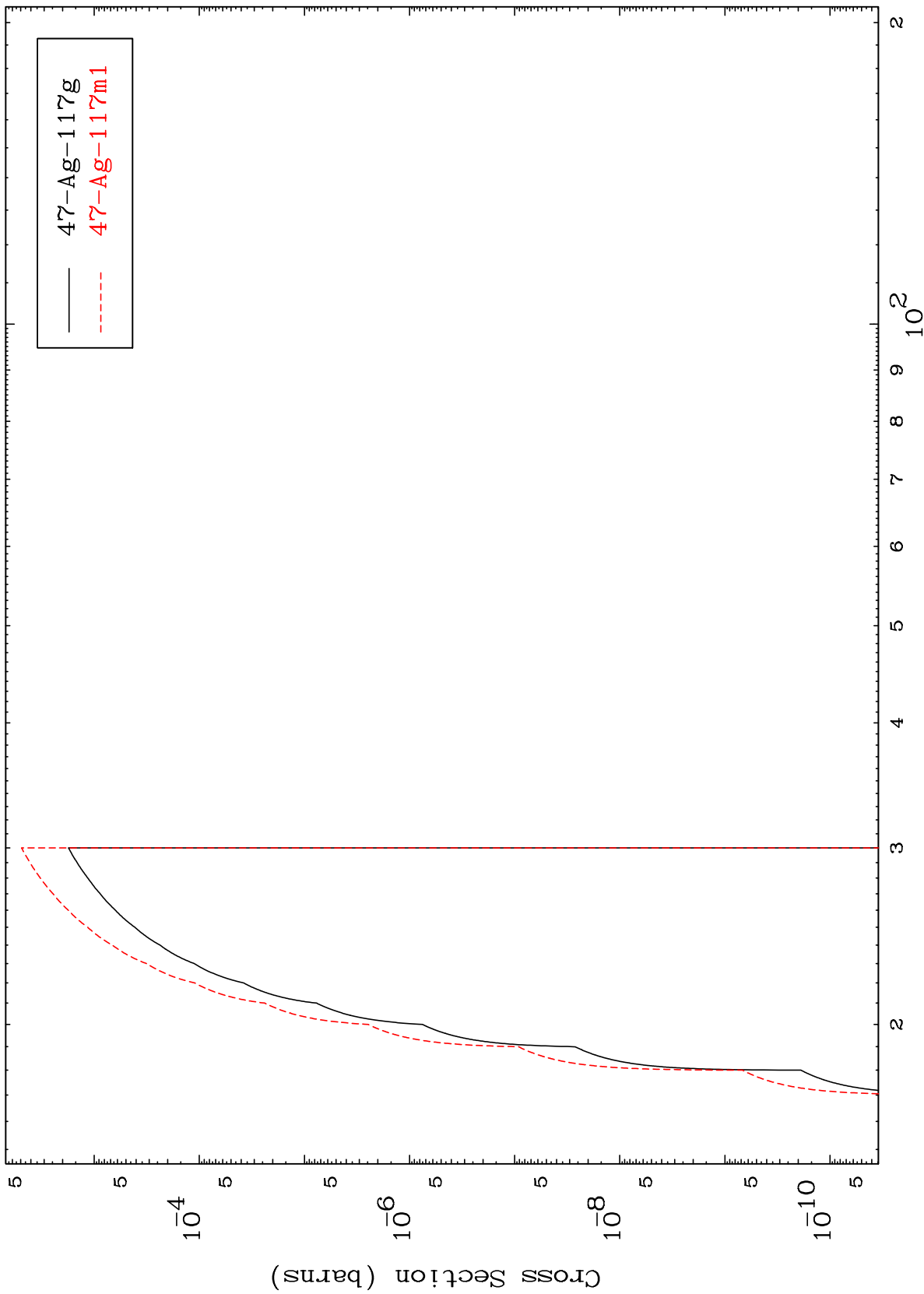
48-Cd-119

MAT 4864

(n,n') d

48-Cd-119

Radionuclide Production Cross Section

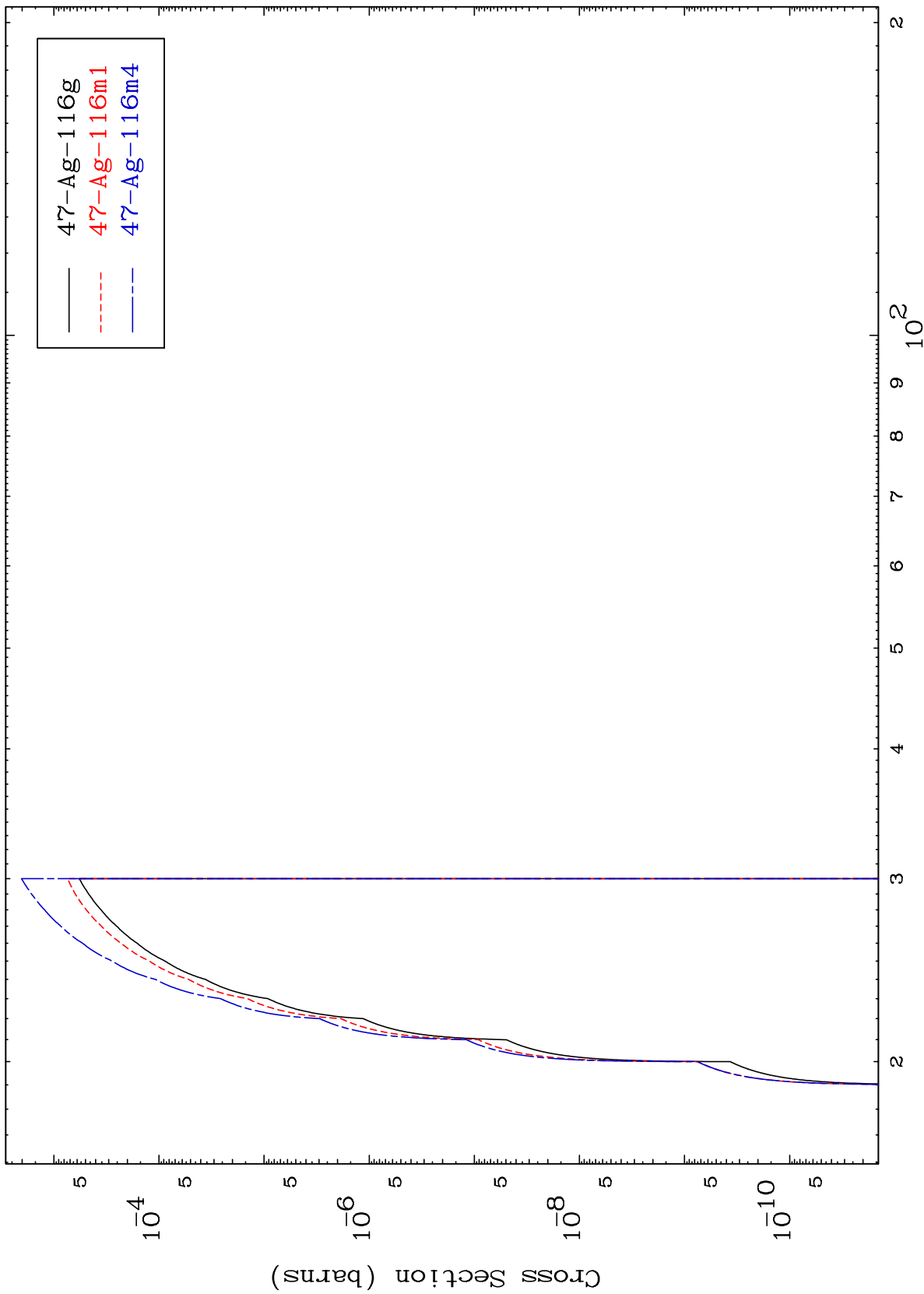


132

Incident Energy (MeV)

48-Cd-119

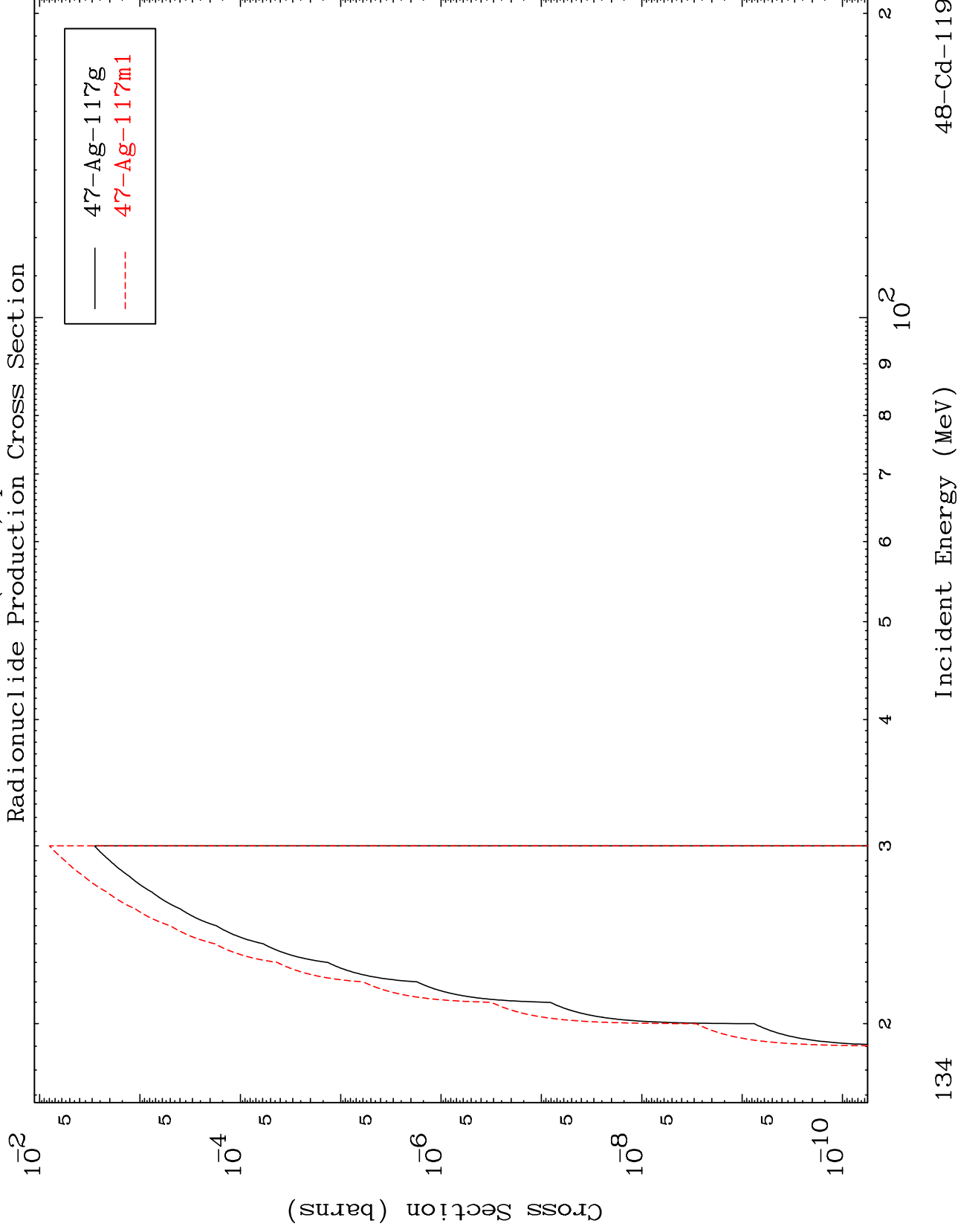
Radionuclide Production Cross Section



MAT 4864

(n,2n) p

48-Cd-119



134

Incident Energy (MeV)

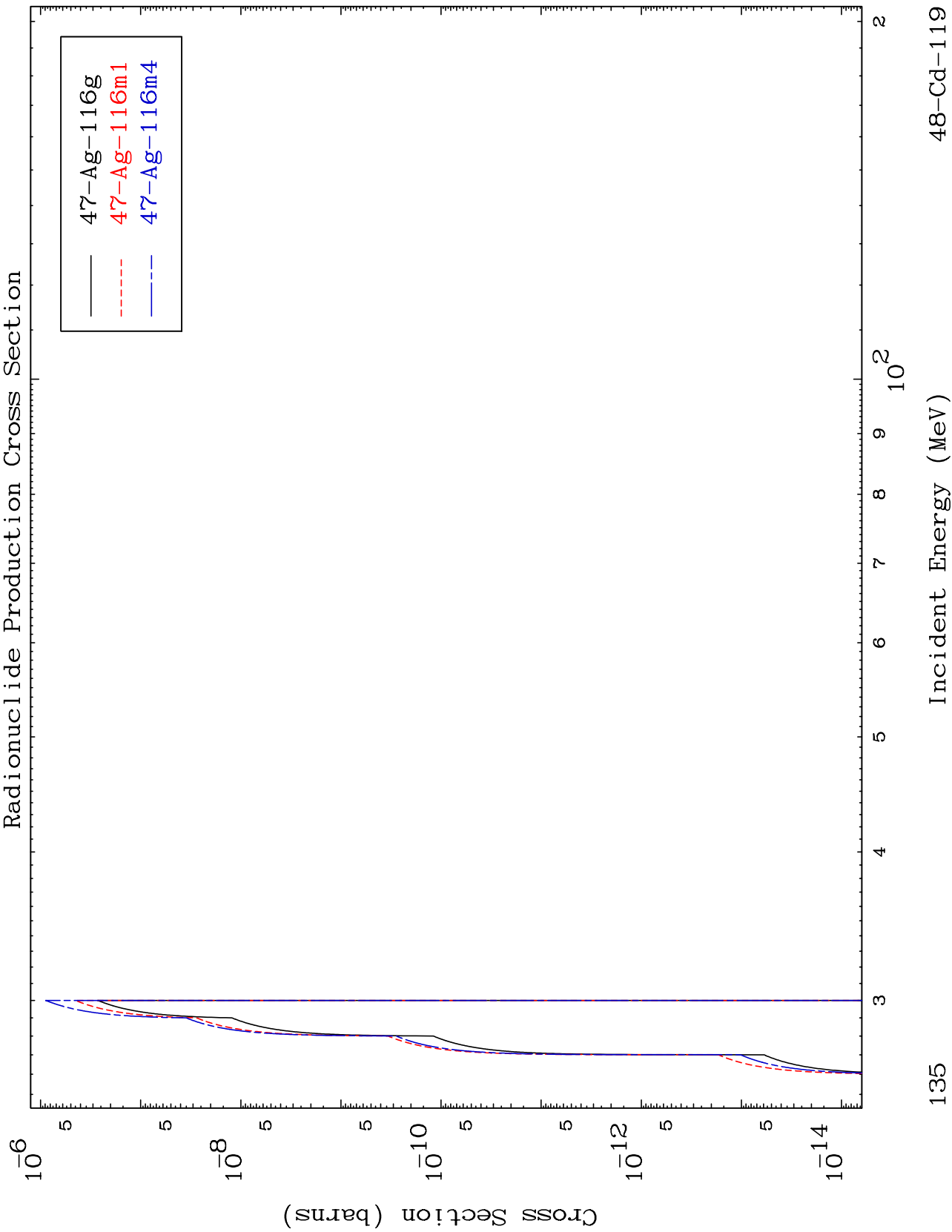
48-Cd-119

MAT 4864

48-Cd-119

(n,3n) p

Radionuclide Production Cross Section



135

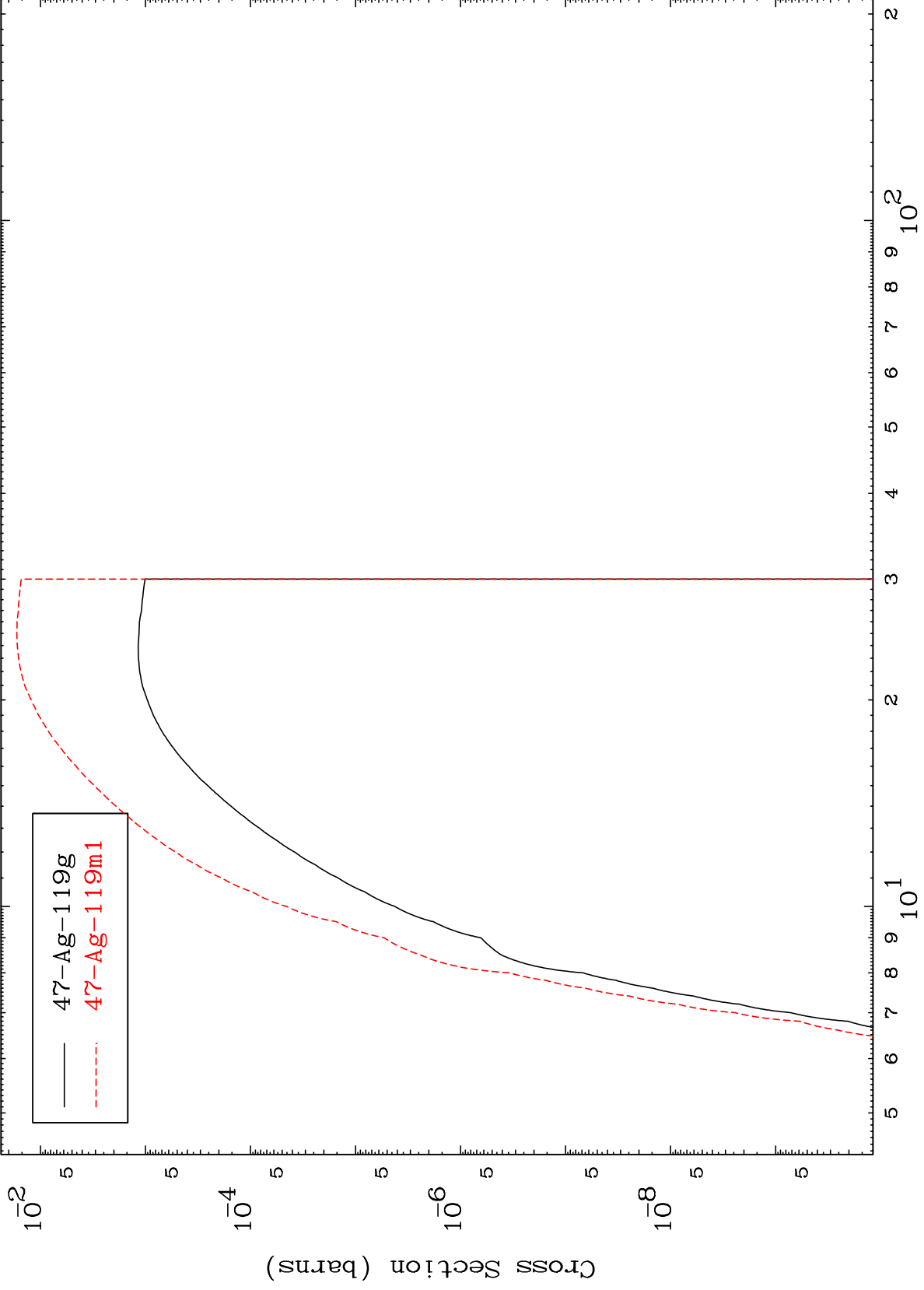
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,p)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

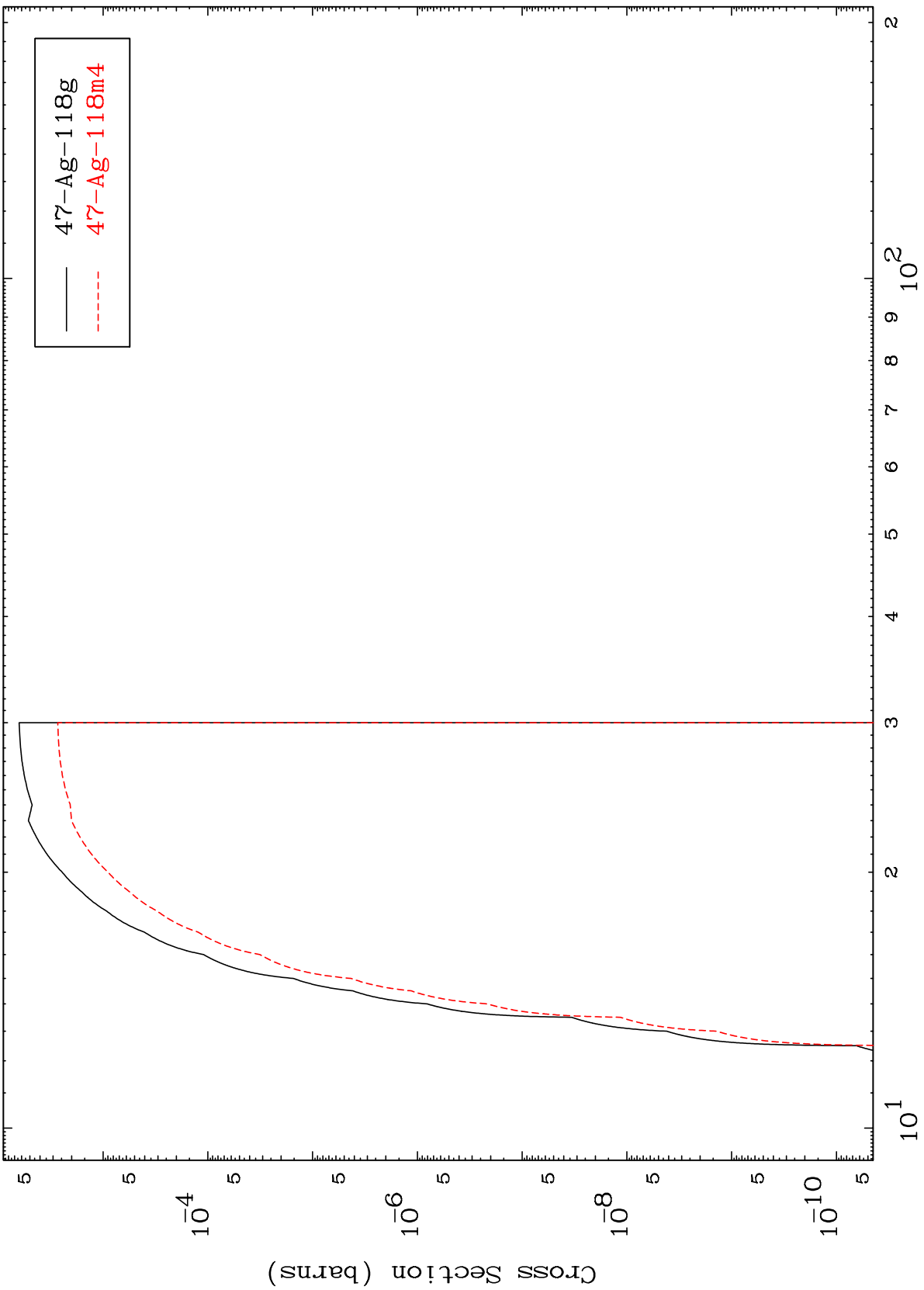
48-Cd-119

MAT 4864

(n,d)

48-Cd-119

Radionuclide Production Cross Section



137

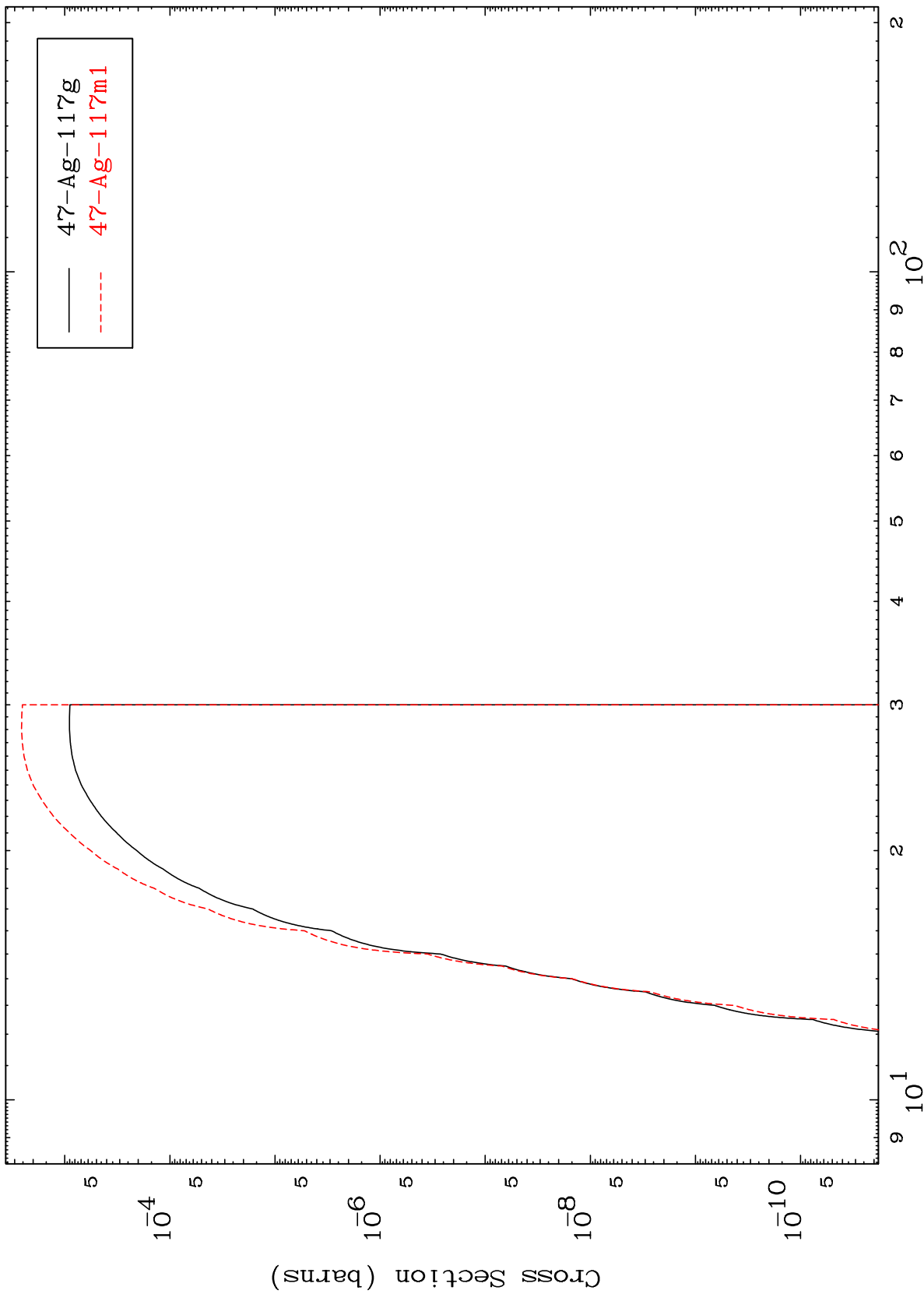
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,t)
Radionuclide Production Cross Section



48-Cd-119

Incident Energy (MeV)

138