

Program EVALPLOT
(Version 2018-1)

by

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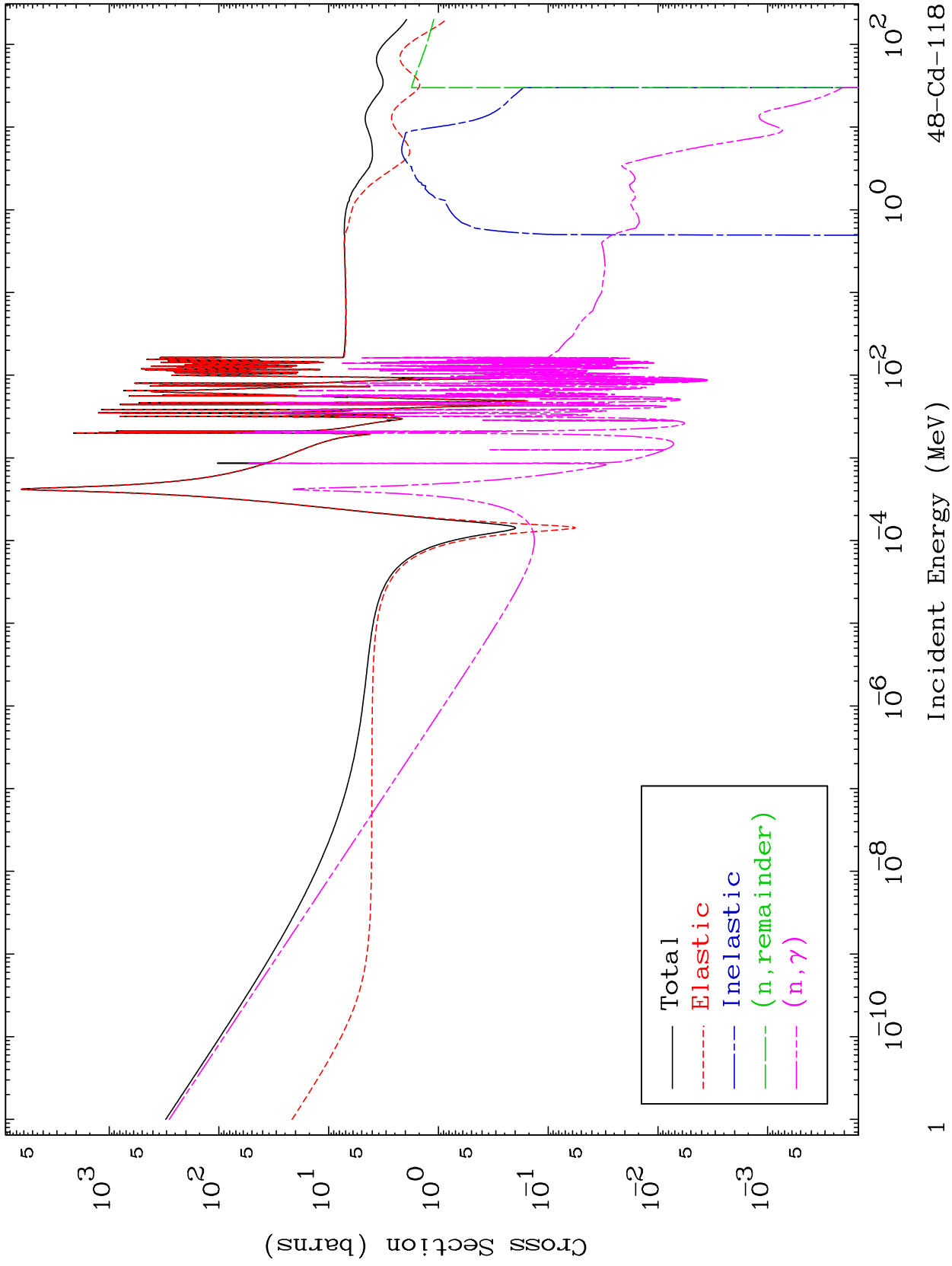
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4861

Major
293 Kelvin Cross Sections

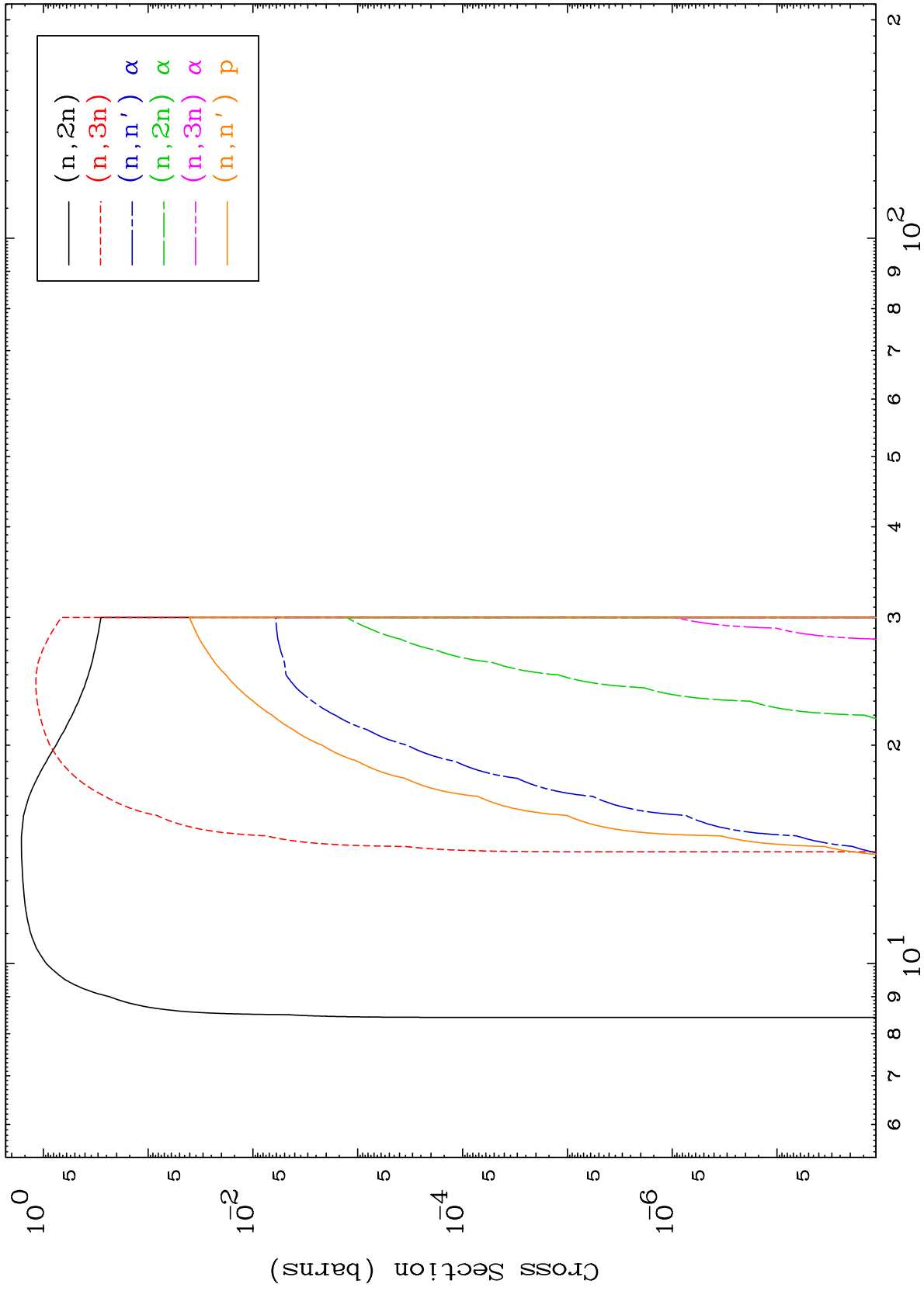
48-Cd-118



MAT 4861

Neutron Production
293 Kelvin Cross Sections

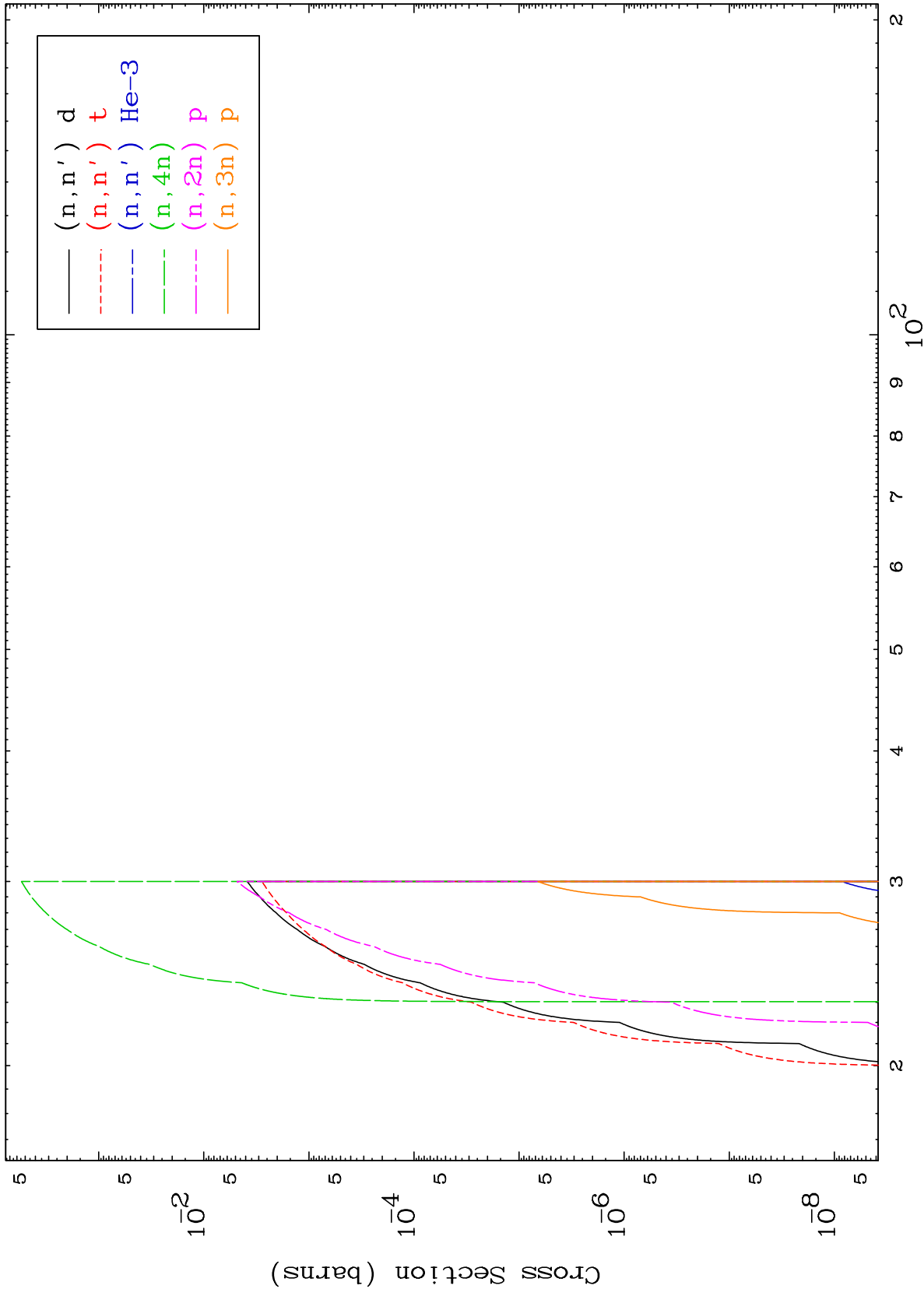
48-Cd-118



2

Incident Energy (MeV)

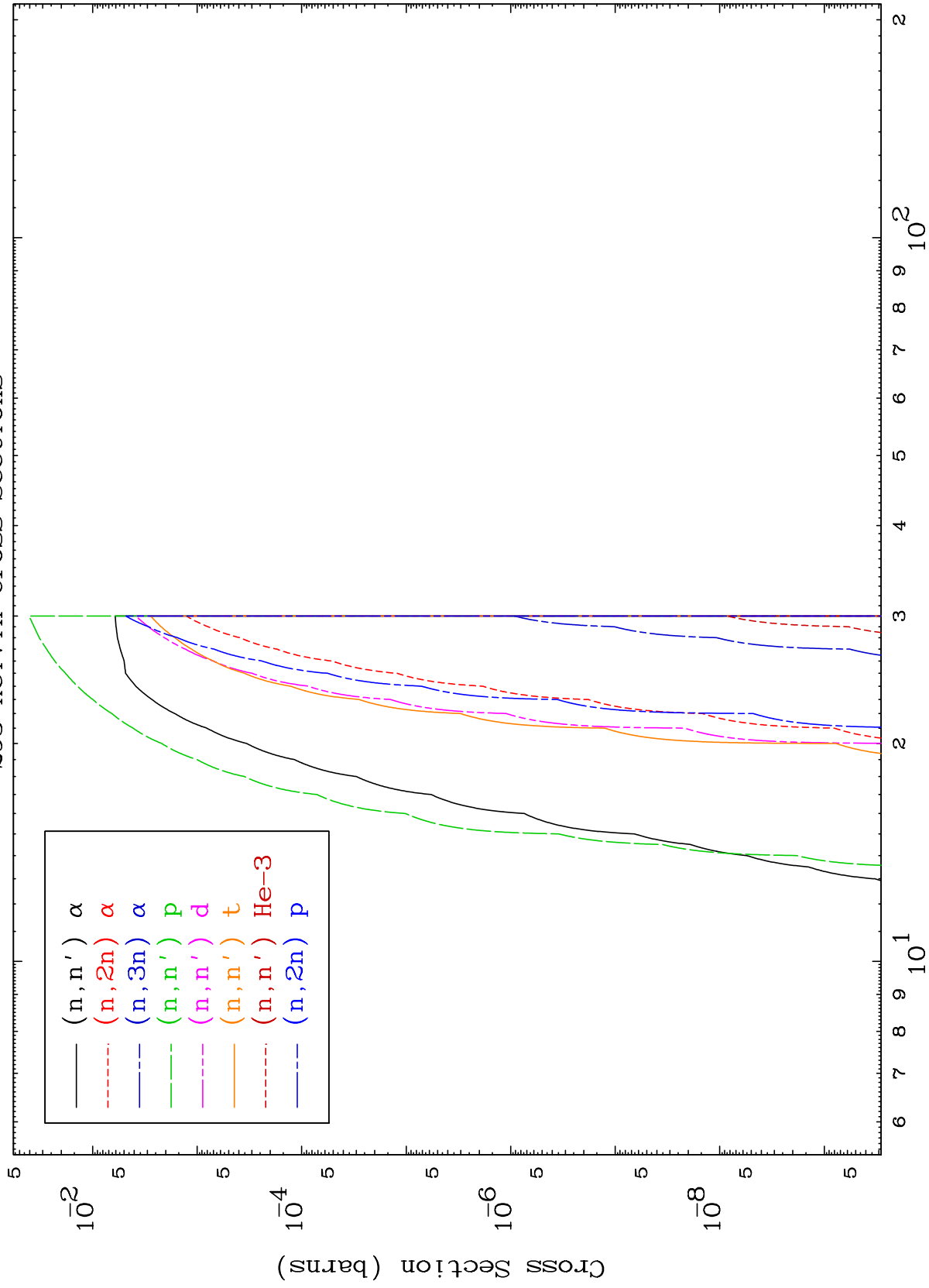
48-Cd-118



MAT 4861

Charged Particle
293 Kelvin Cross Sections

48-Cd-118



4

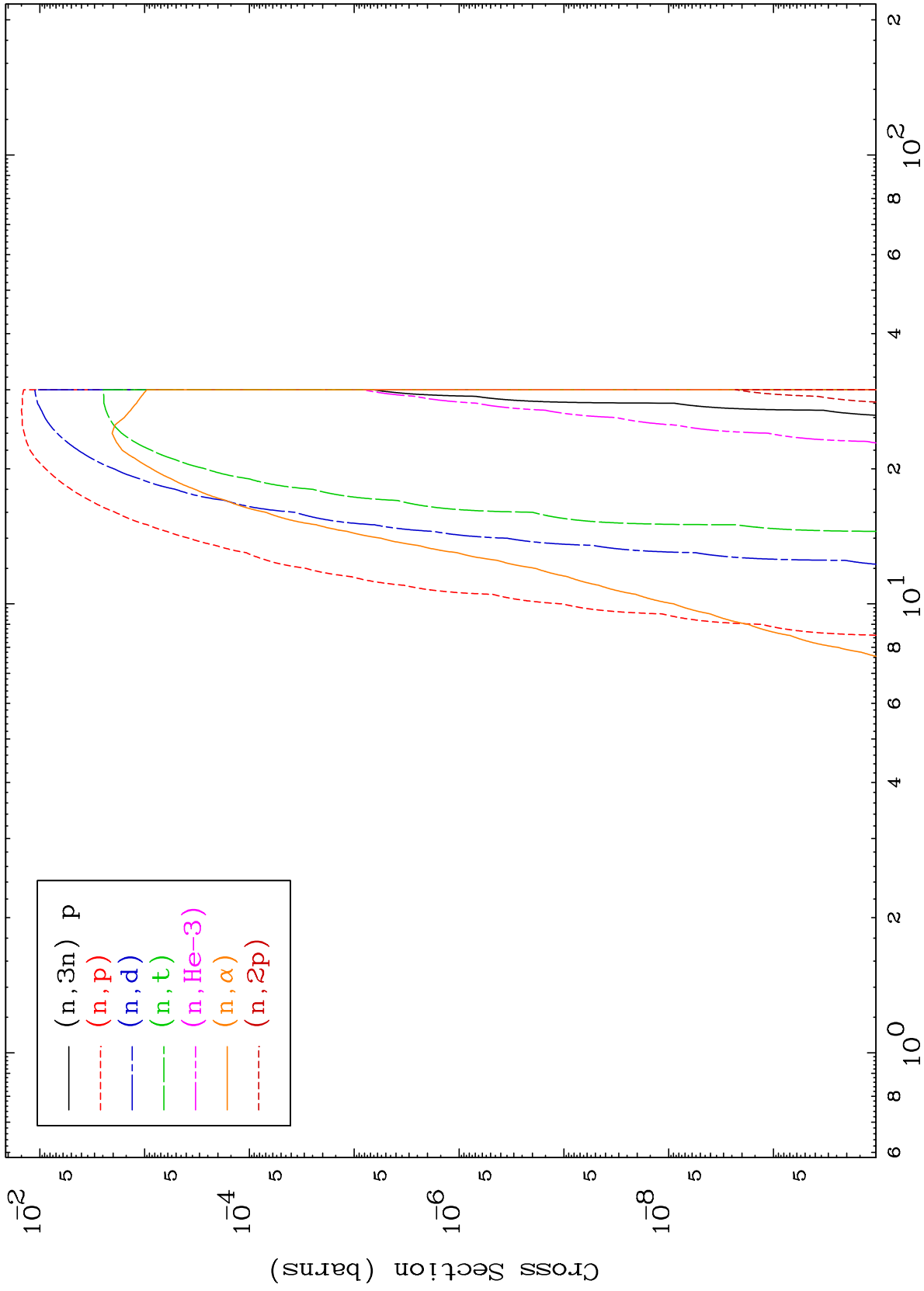
Incident Energy (MeV)

48-Cd-118

MAT 4861

293 Kelvin Cross Sections

48-Cd-118



5

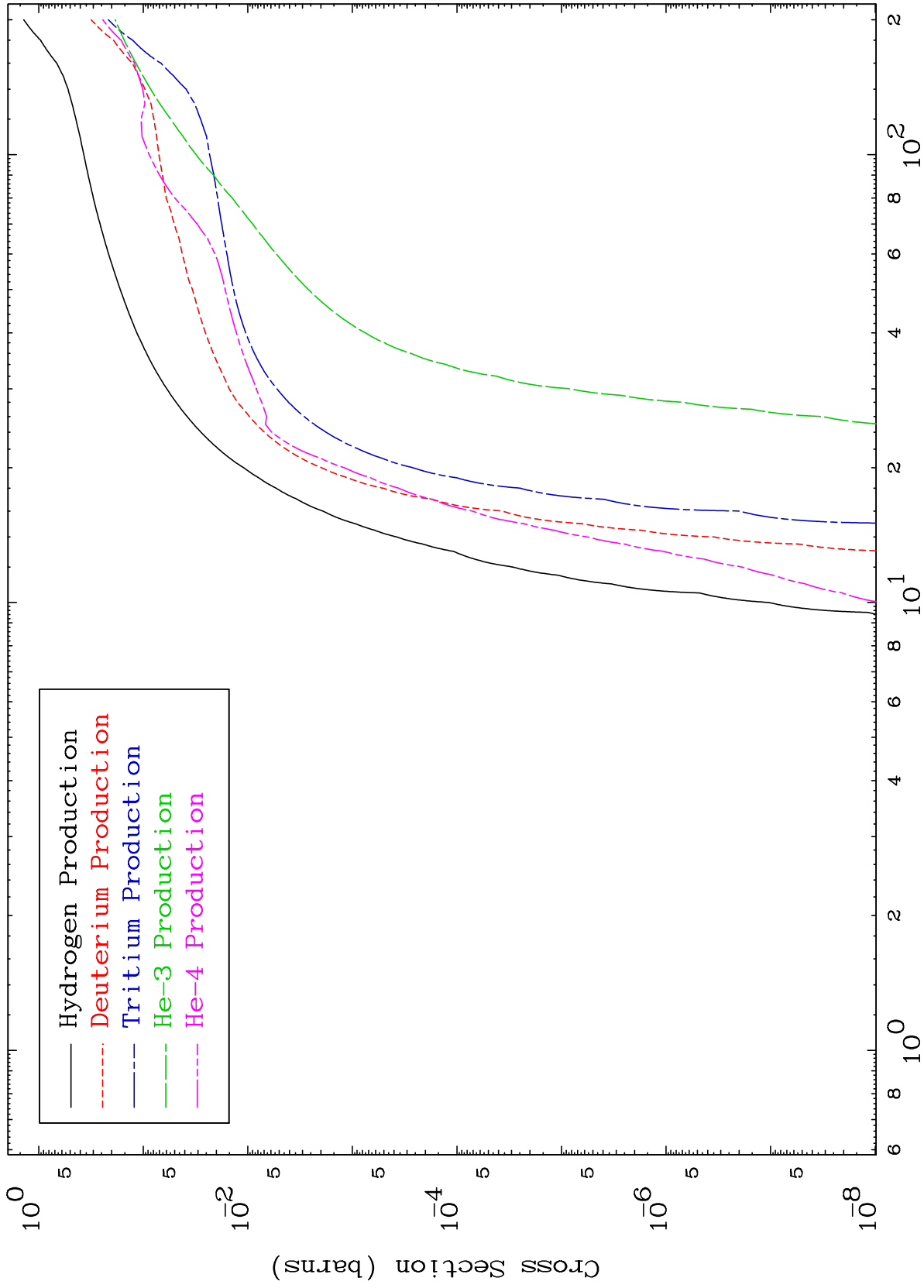
Incident Energy (MeV)

48-Cd-118

MAT 4861

Particle Production
293 Kelvin Cross Sections

48-Cd-118



6

Incident Energy (MeV)

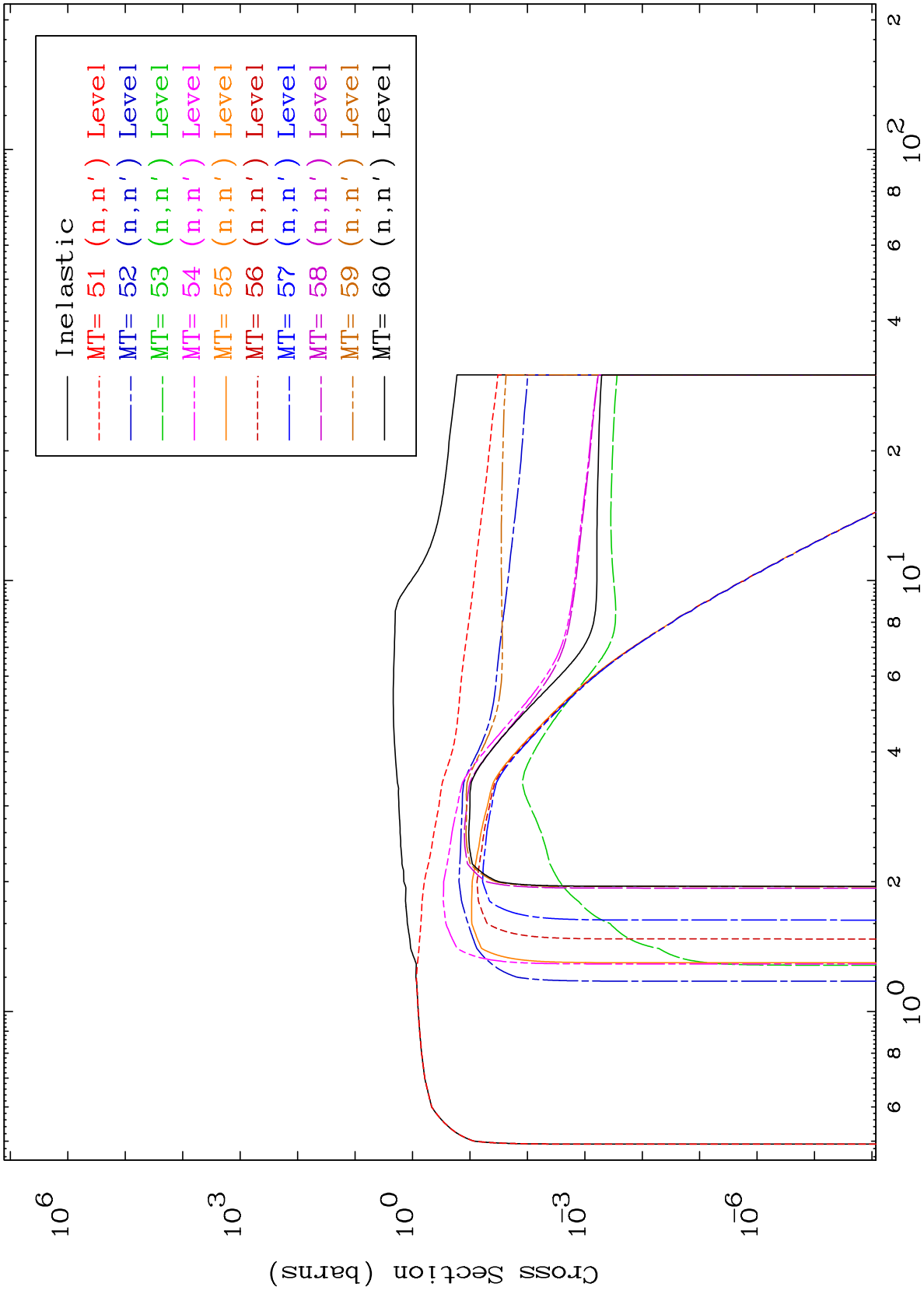
48-Cd-118

MAT 4861

(n,n') Level

48-Cd-118

293 Kelvin Cross Sections



7

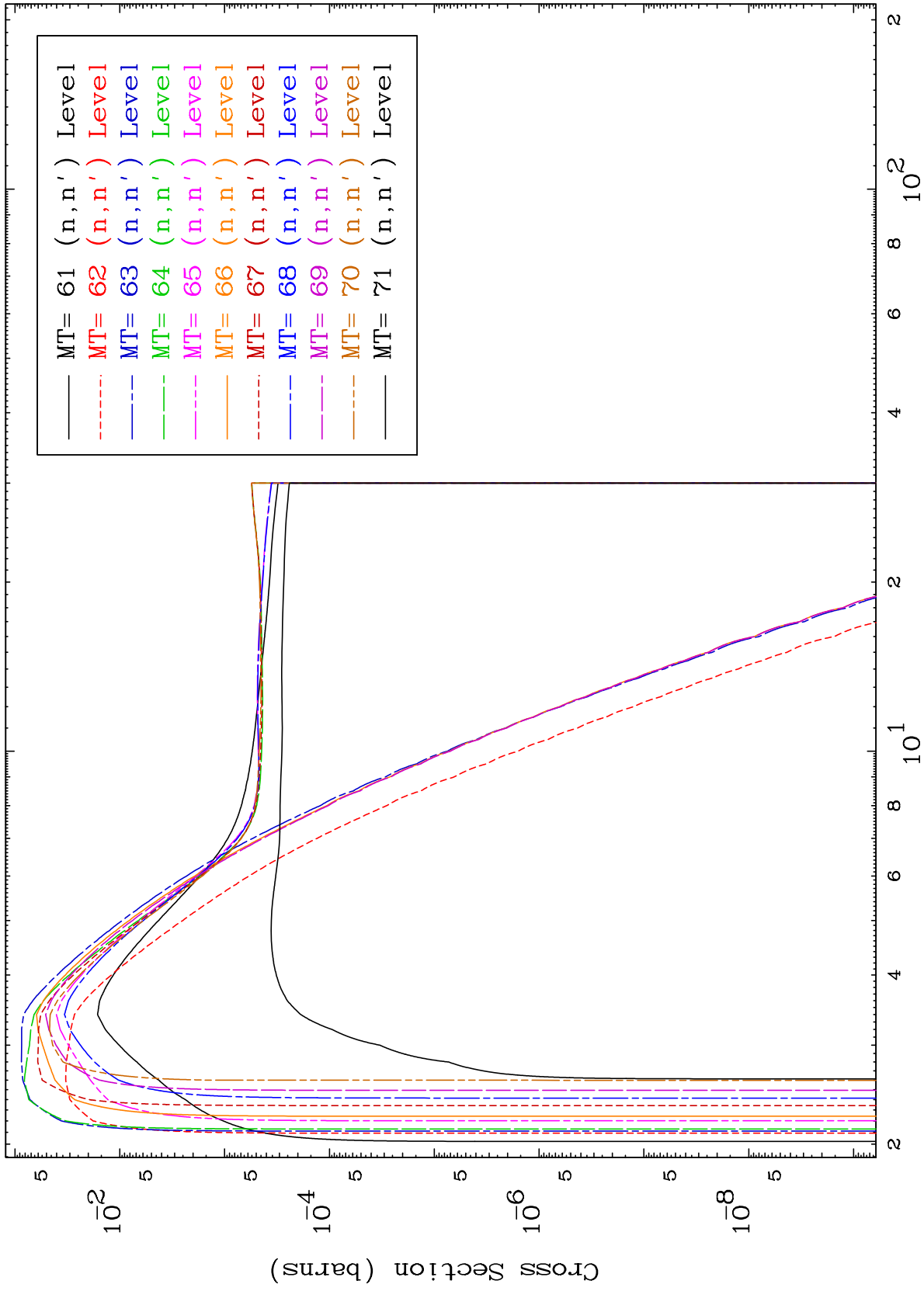
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,n') Level
293 Kelvin Cross Sections

48-Cd-118



8

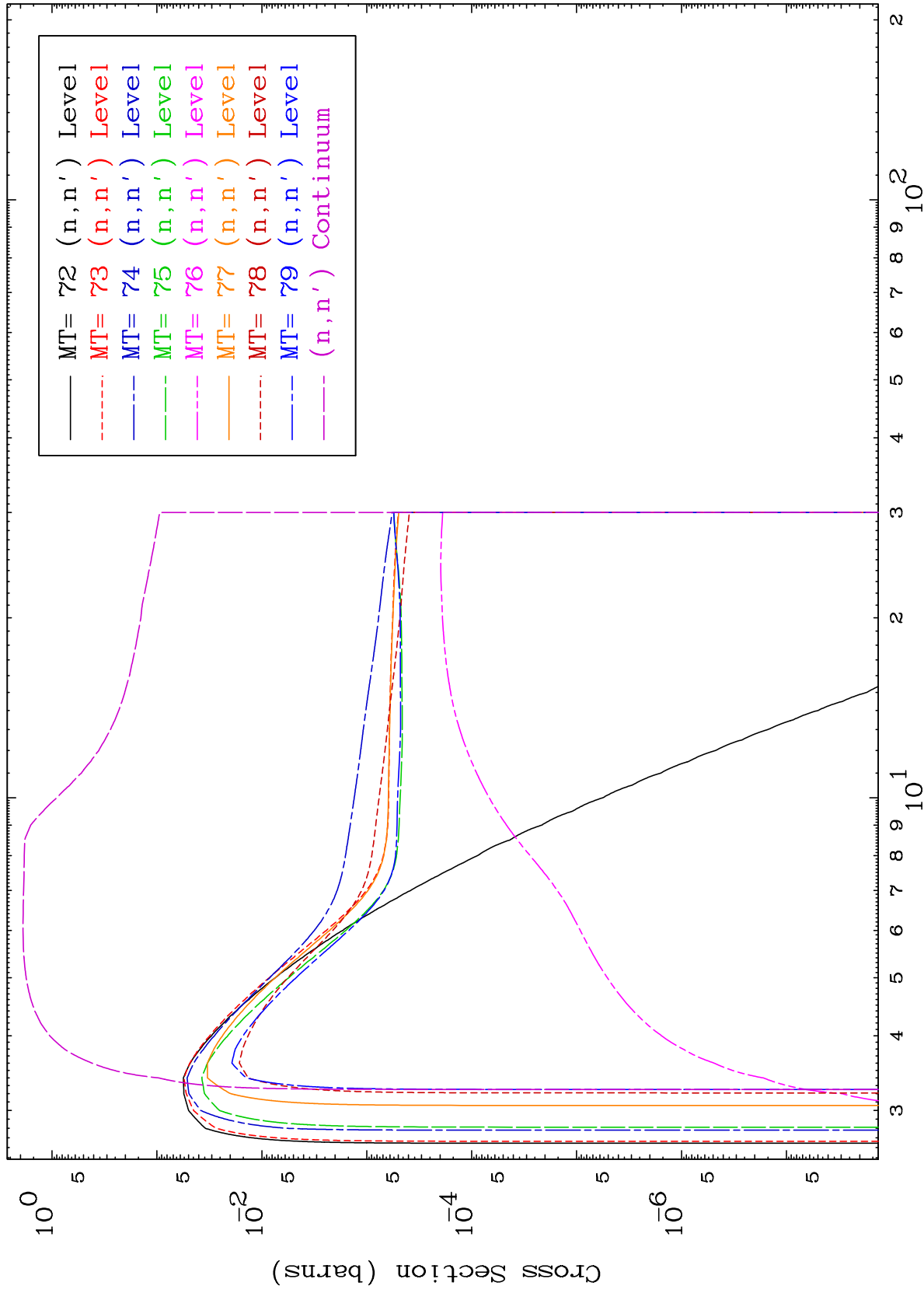
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,n') Level
293 Kelvin Cross Sections

48-Cd-118



9

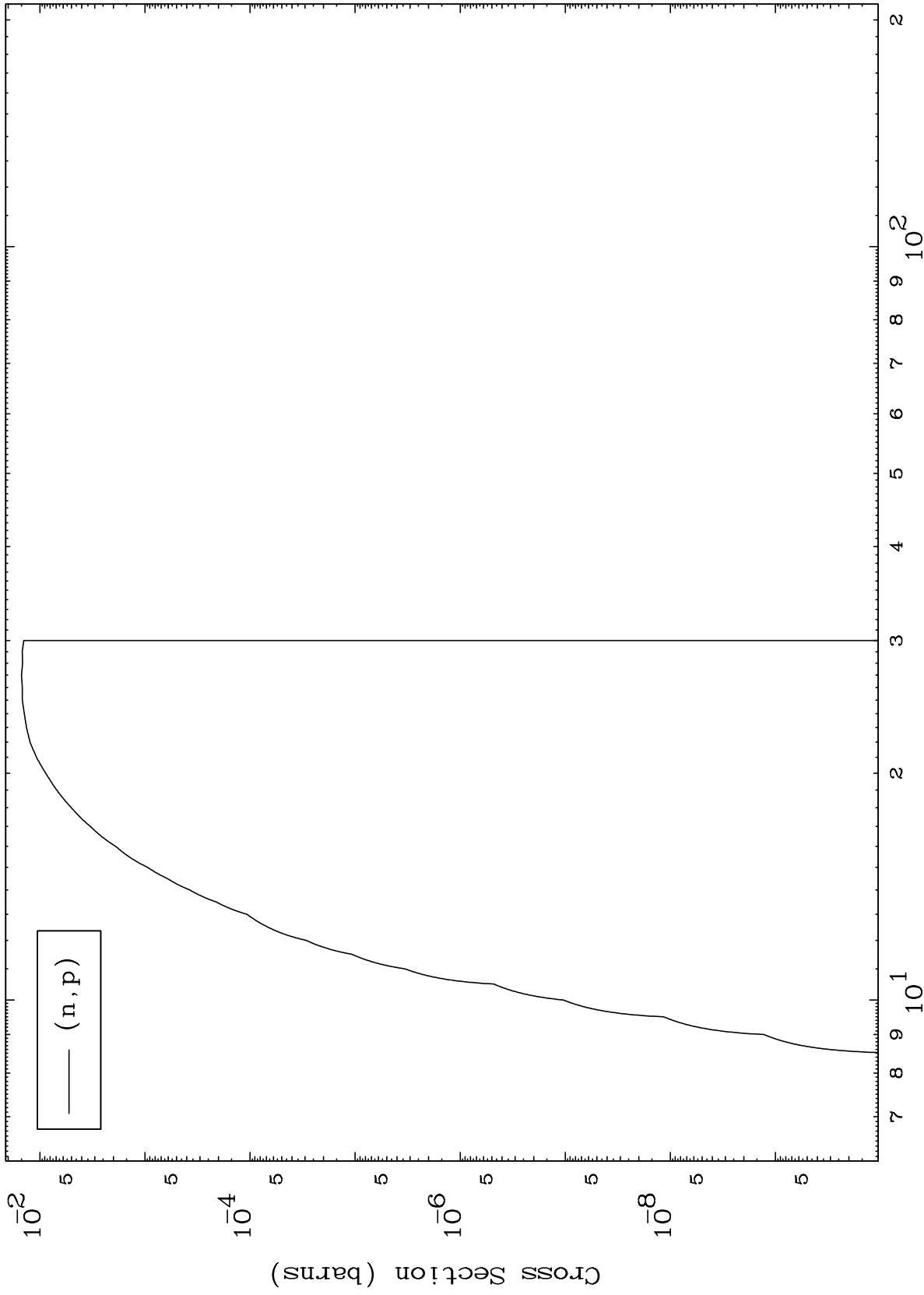
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-118



10

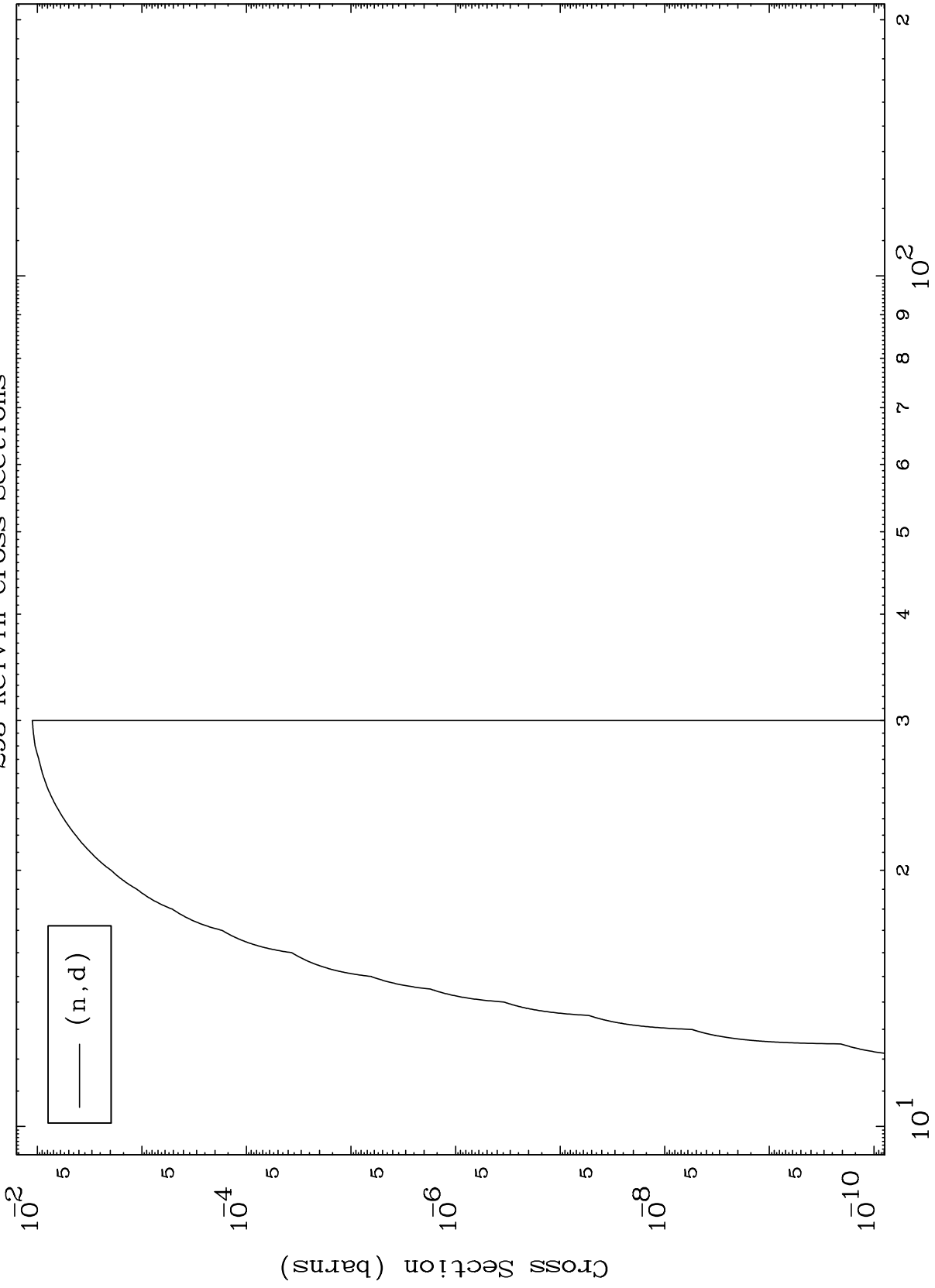
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-118



11

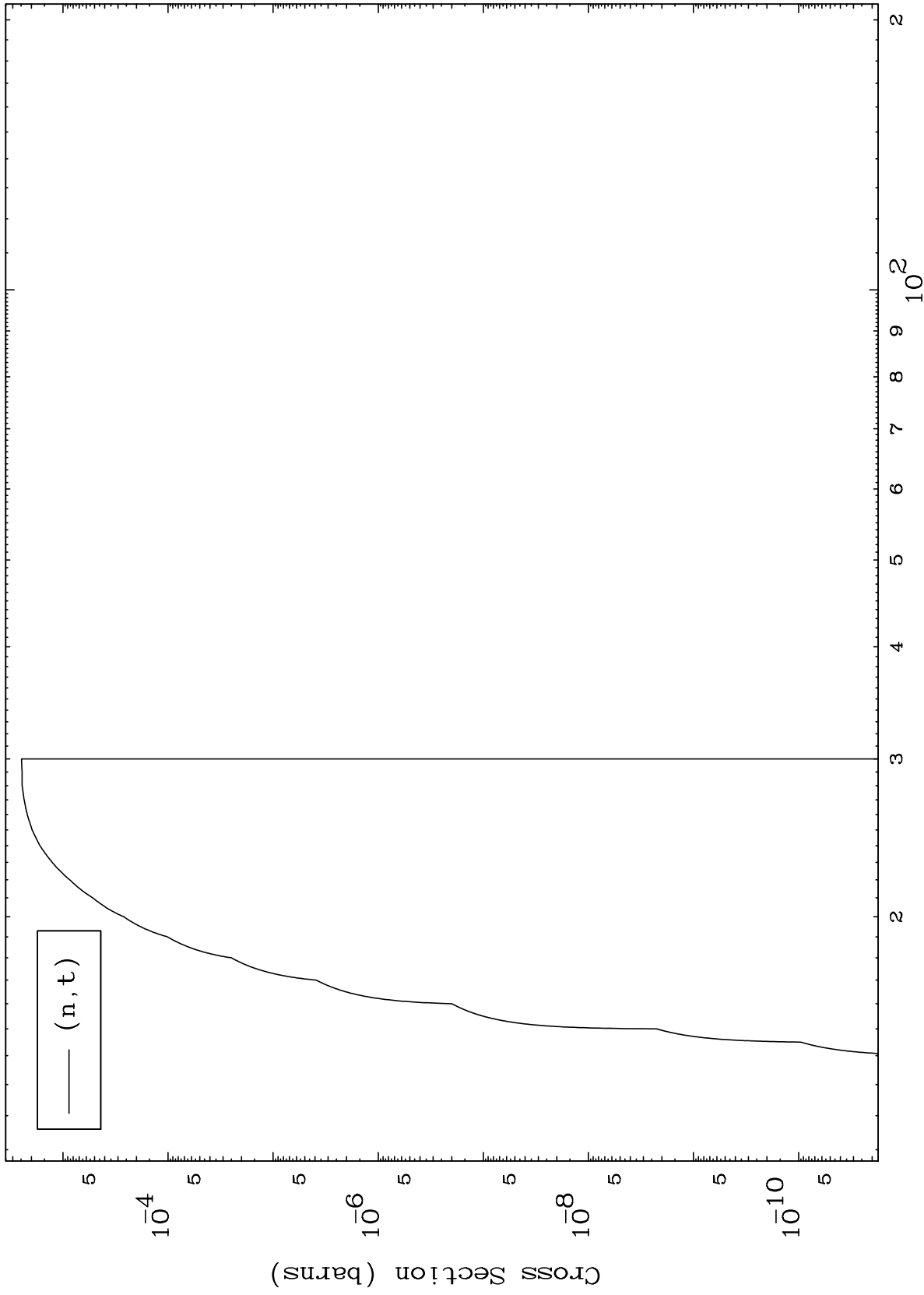
48-Cd-118

48-Cd-118

MAT 4861

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-118



12

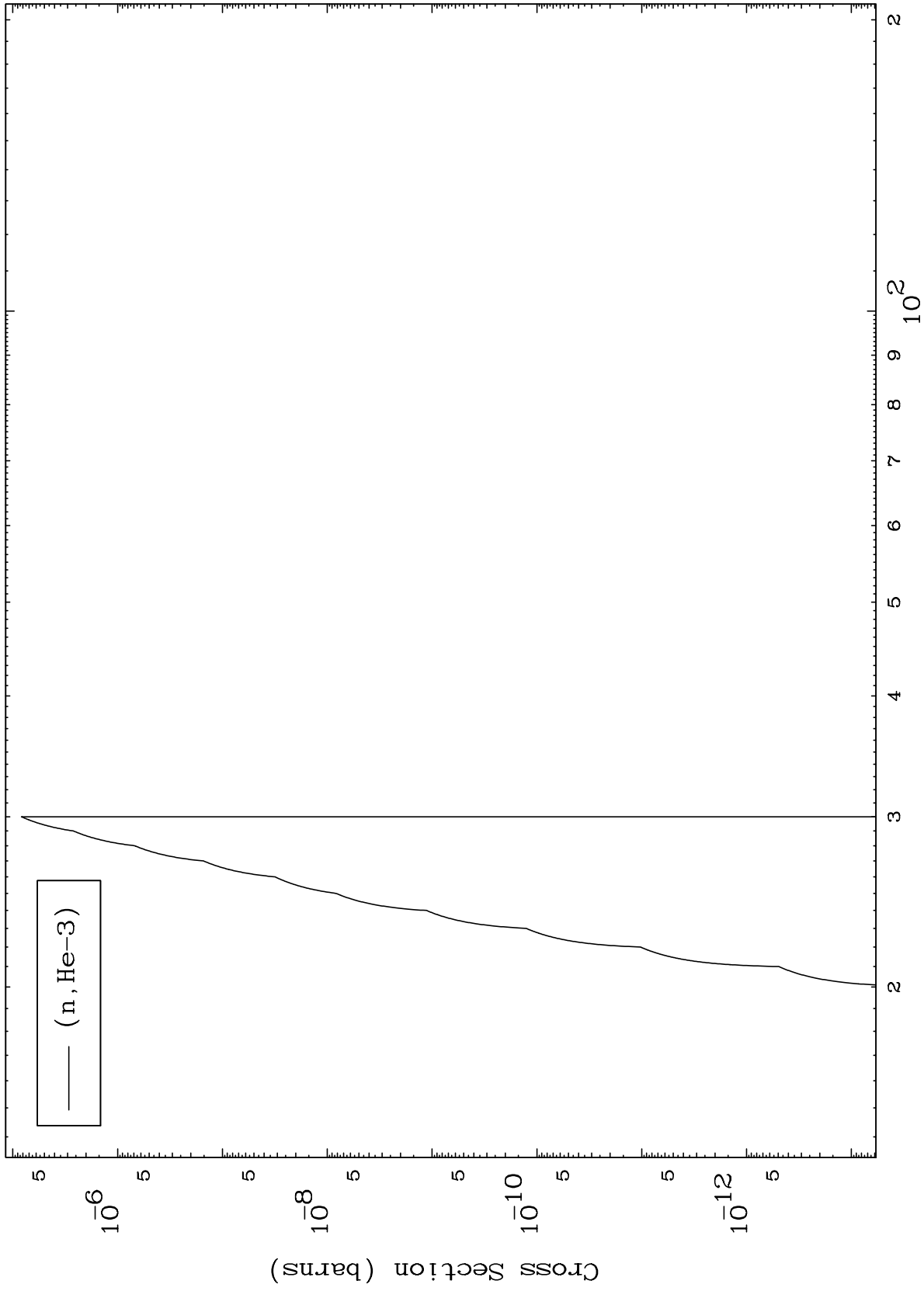
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-118



13

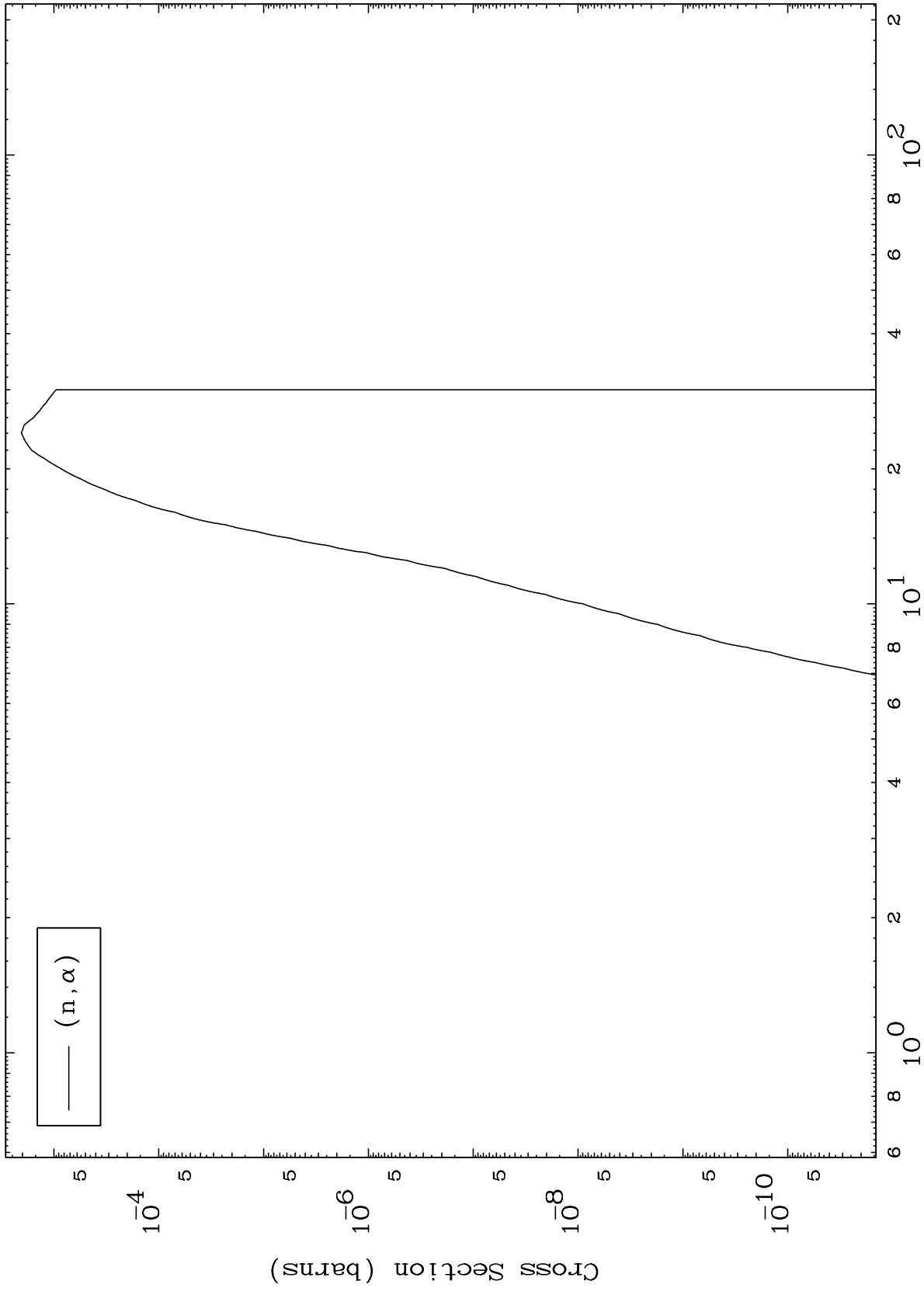
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,α) Levels
293 Kelvin Cross Sections

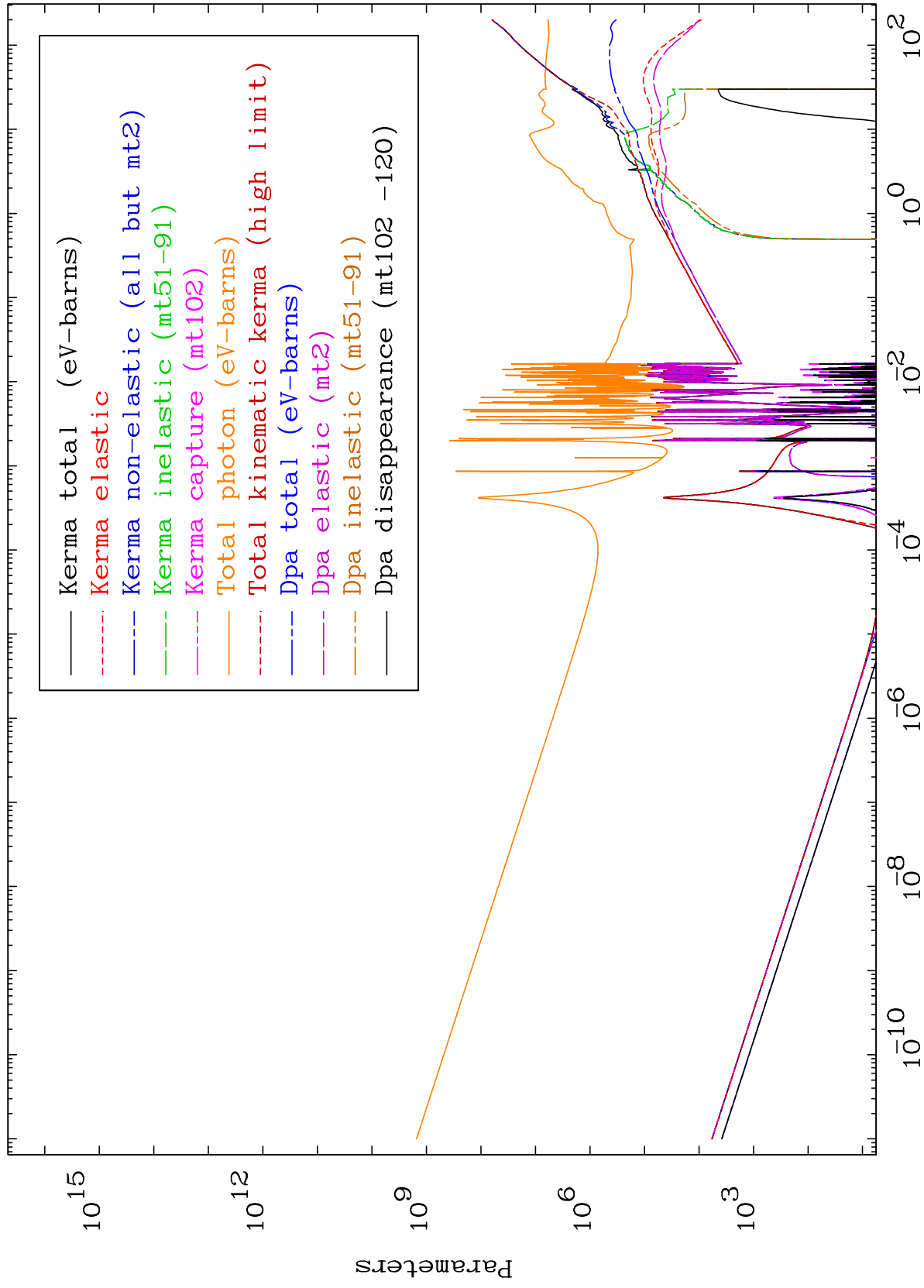
48-Cd-118



14

Incident Energy (MeV)

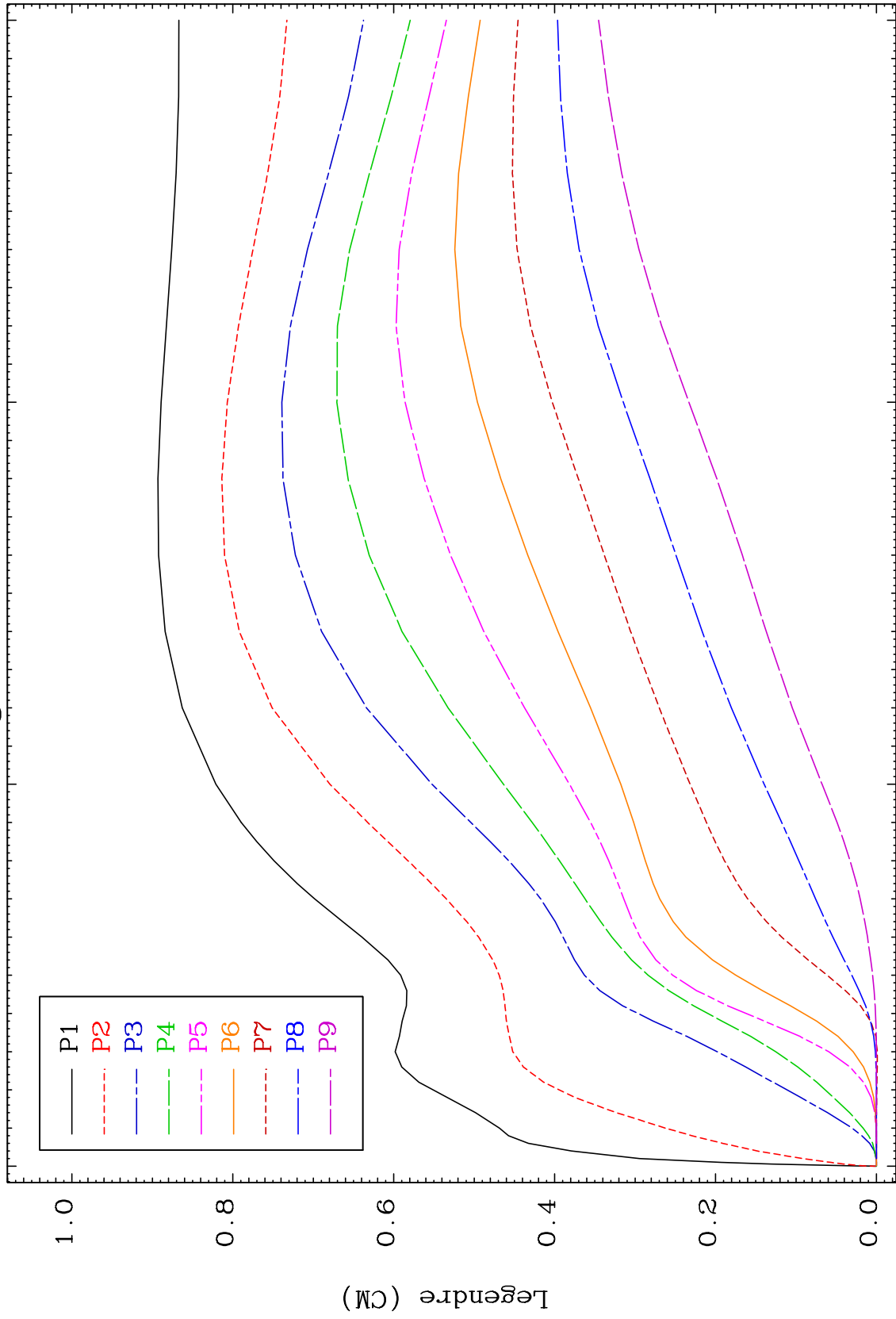
48-Cd-118



MAT 4861

Elastic Legendre Coefficients

48-Cd-118



0

16

10

20

30

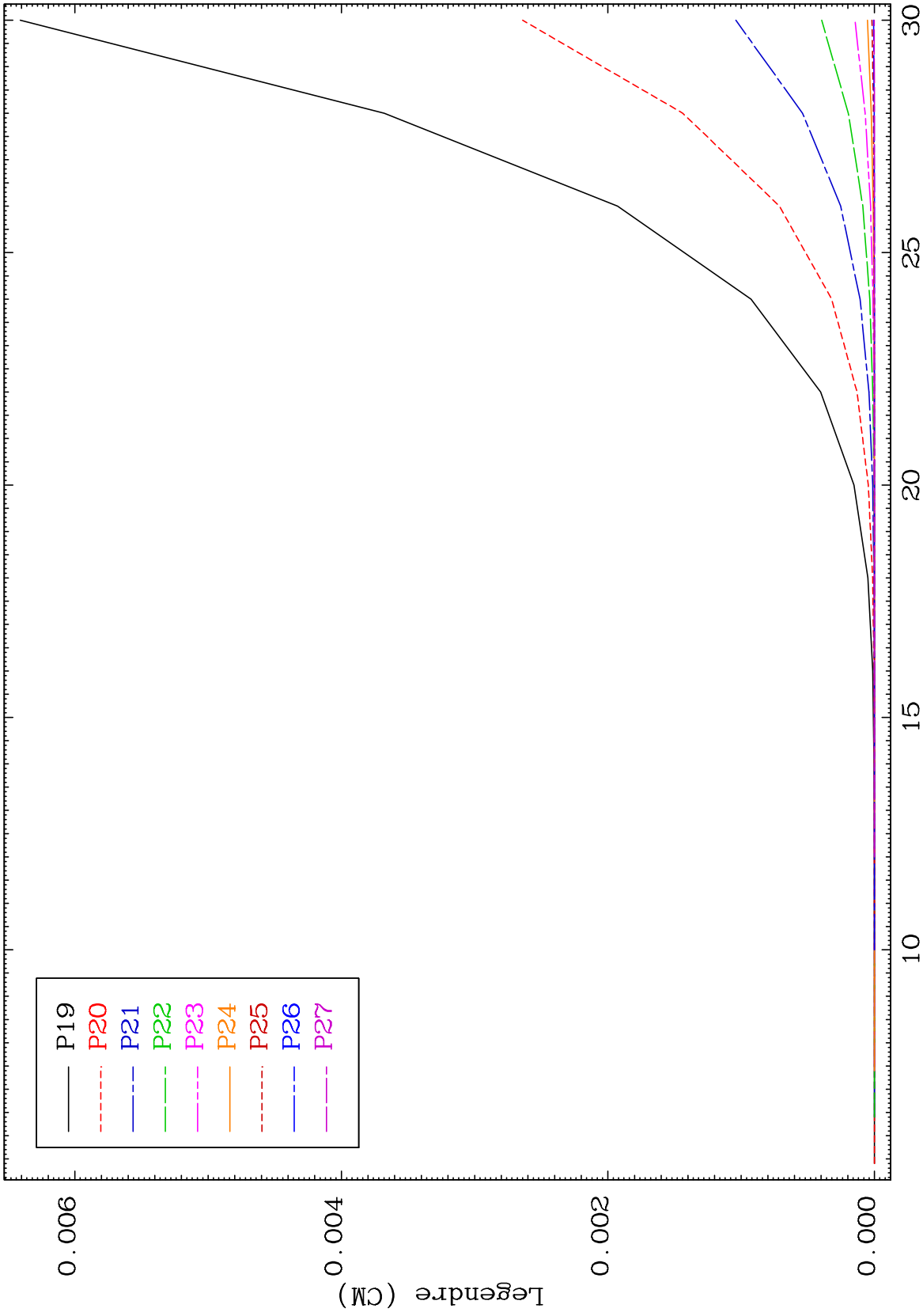
Incident Energy (MeV)

48-Cd-118

MAT 4861

Elastic Legendre Coefficients

48-Cd-118



18

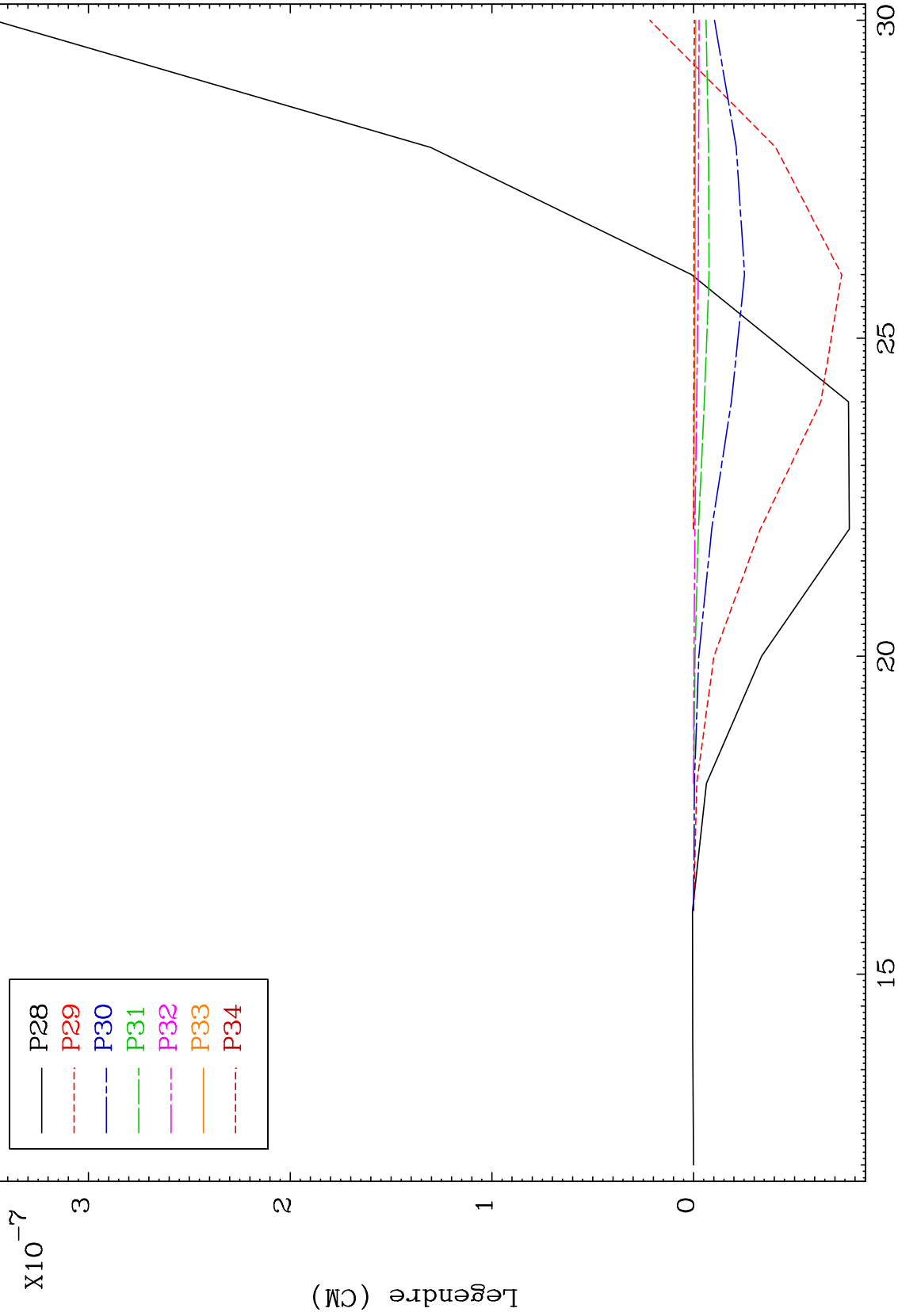
Incident Energy (MeV)

48-Cd-118

MAT 4861

Elastic Legendre Coefficients

48-Cd-118



19

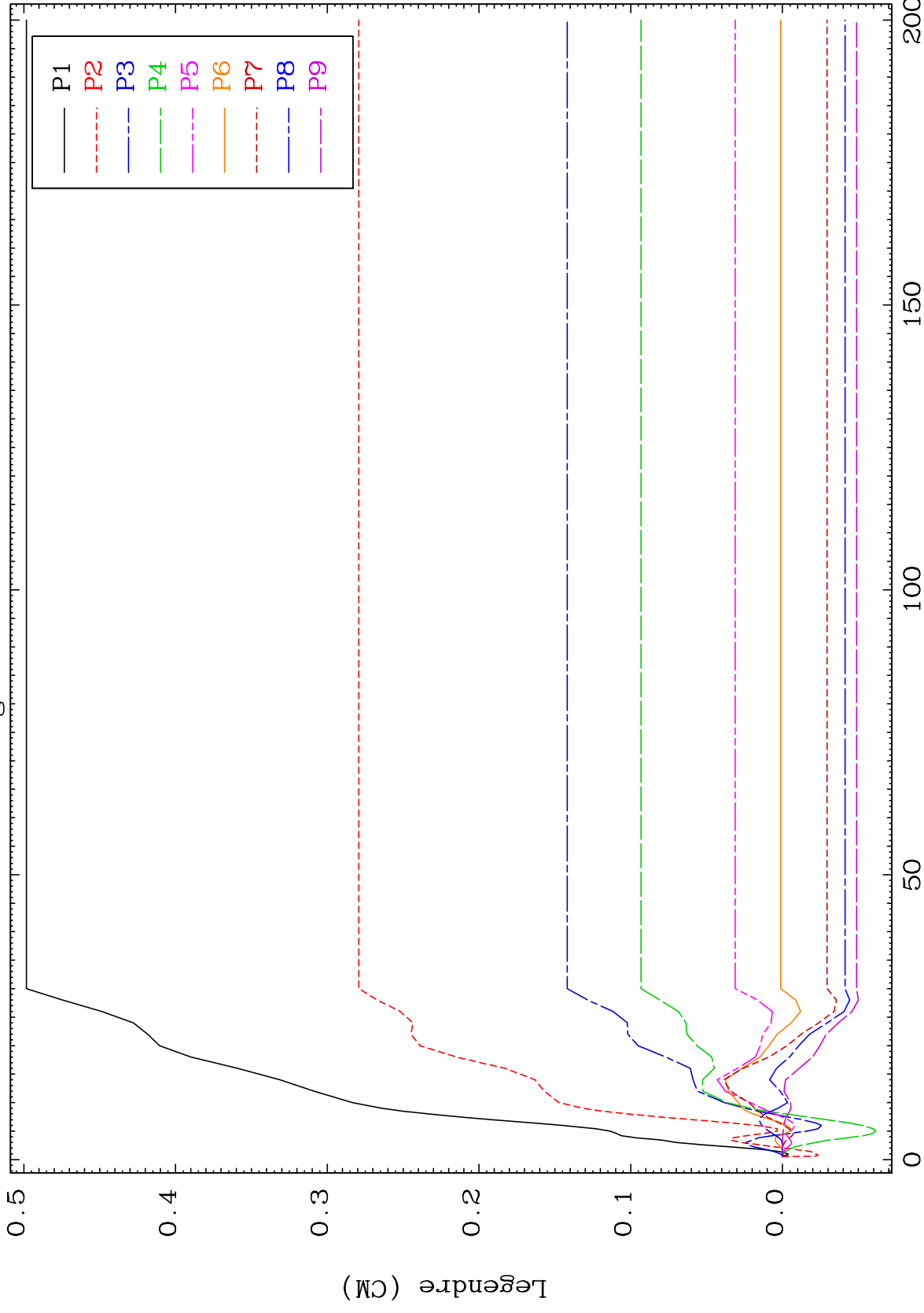
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

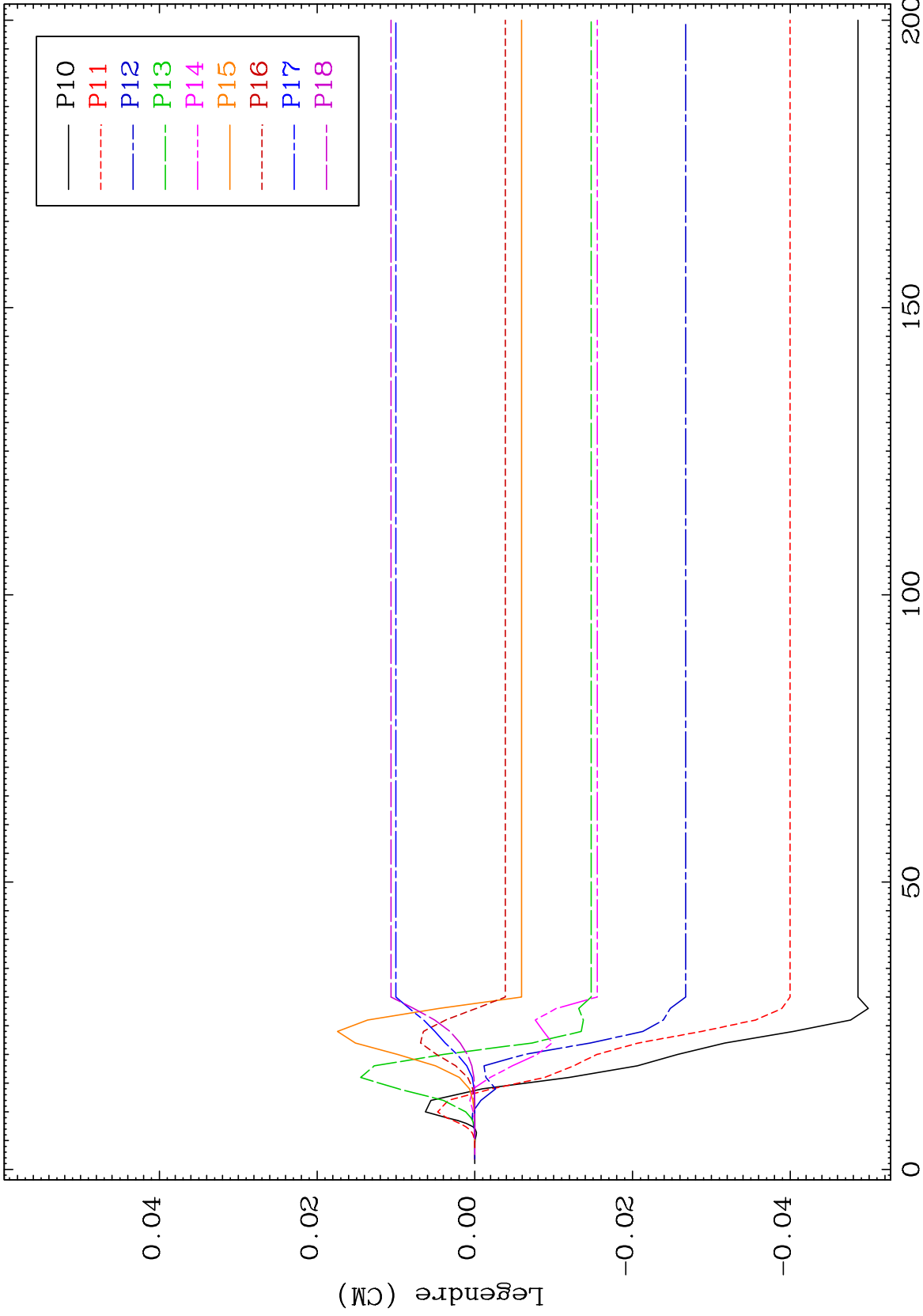
Incident Energy (MeV)

Legendre (CM)

MAT 4861

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

48-Cd-118



21

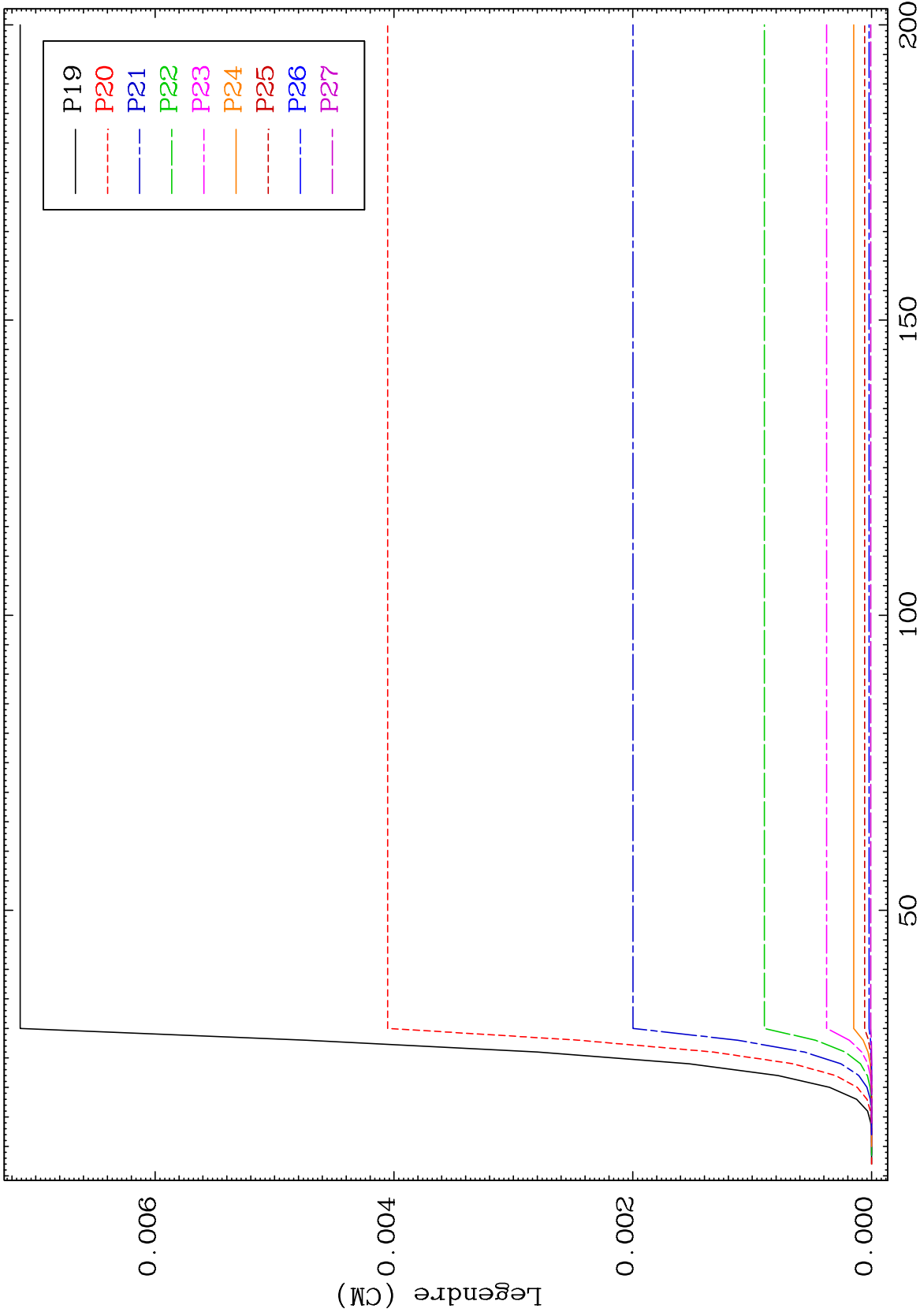
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



22

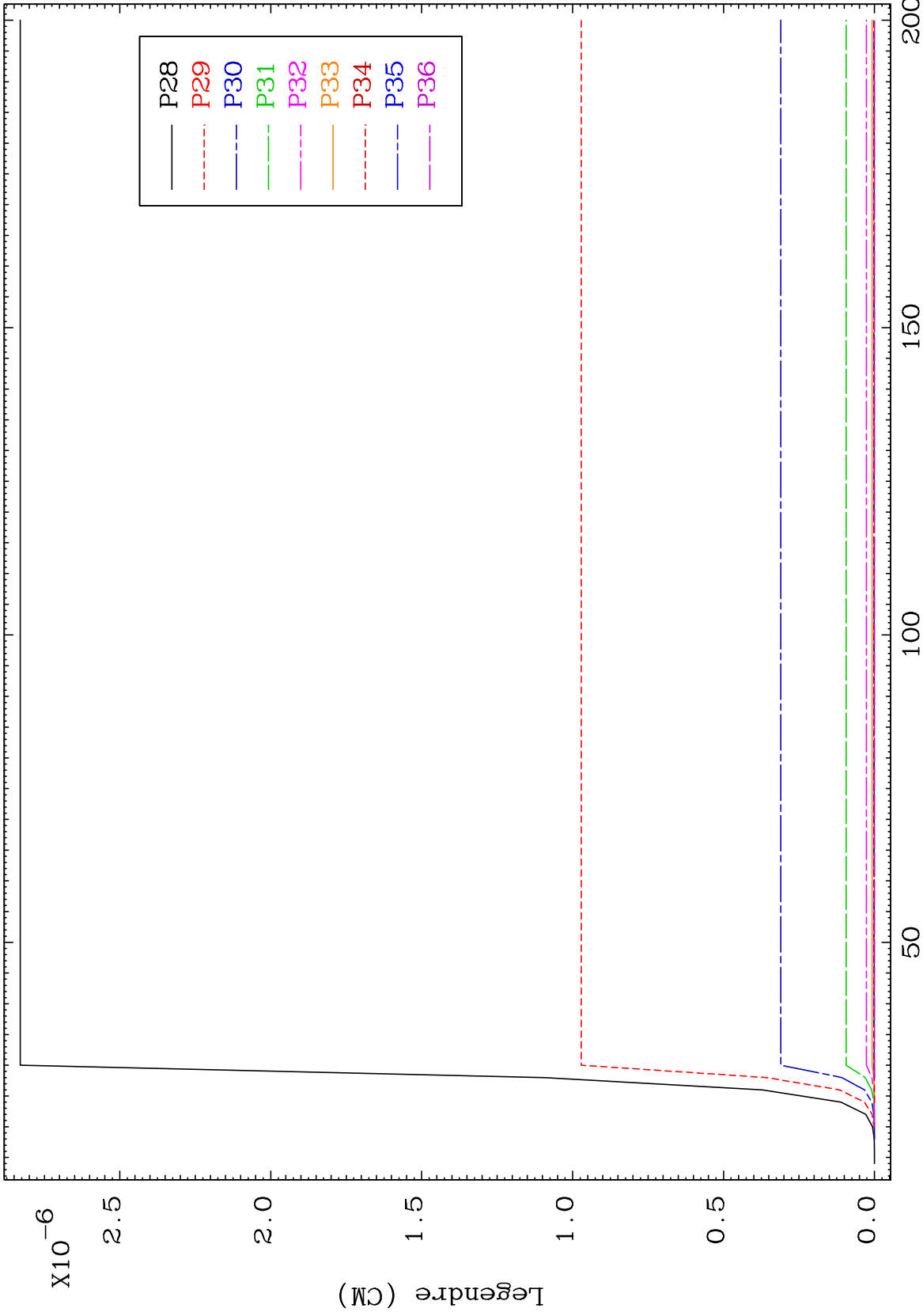
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



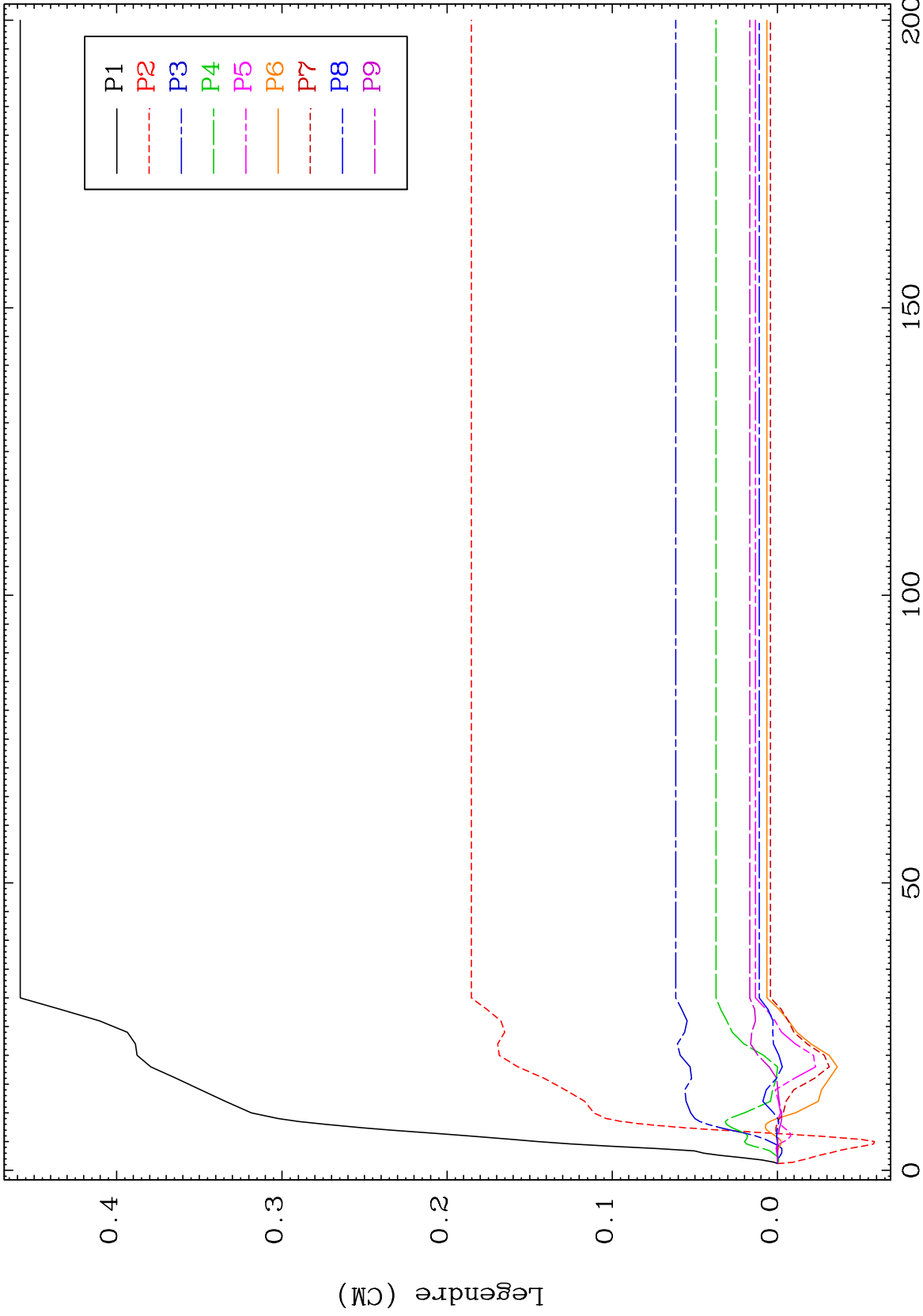
23

48-Cd-118

MAT 4861

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

48-Cd-118



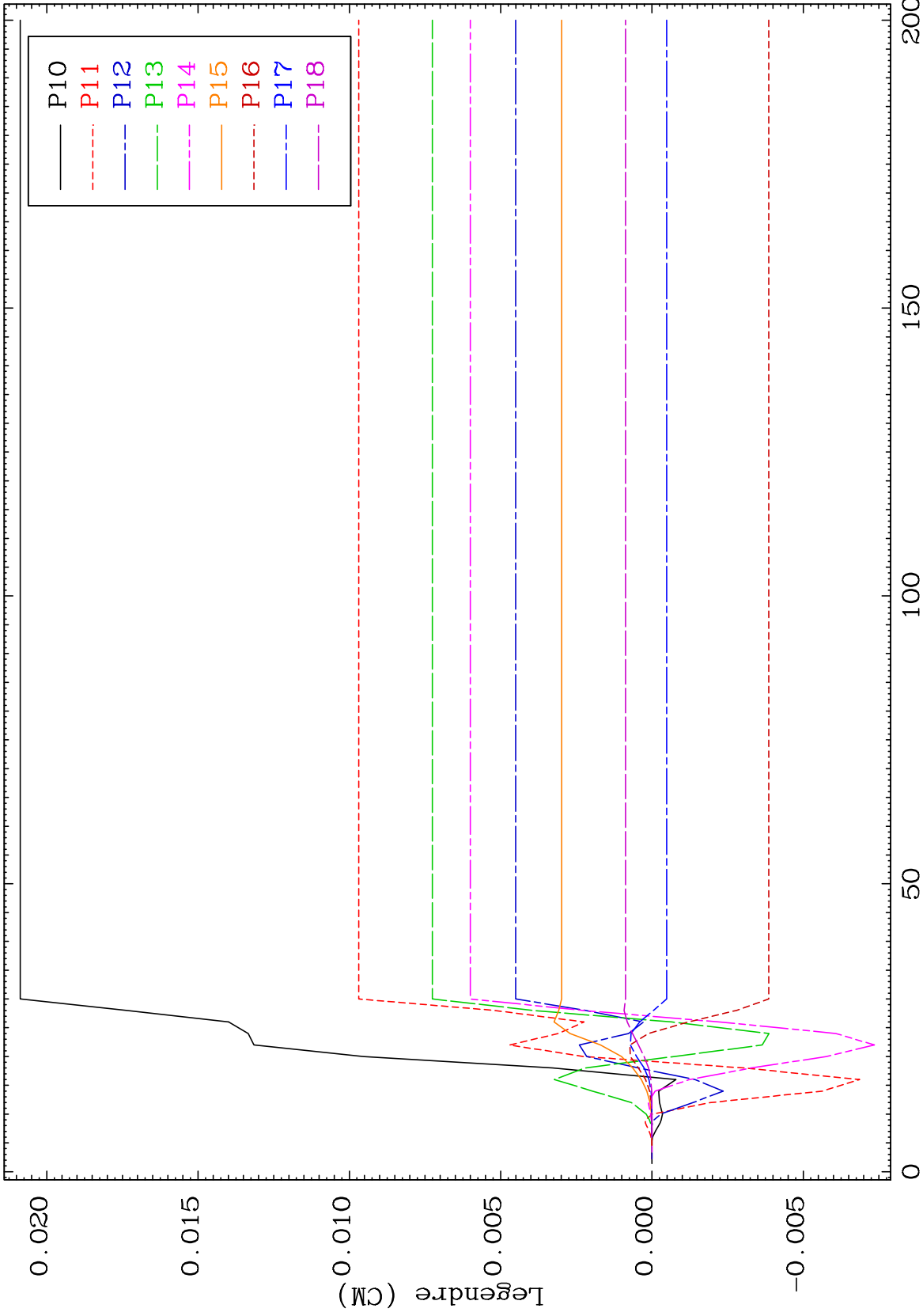
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48-Cd-118

MAT 4861

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

48-Cd-118



25

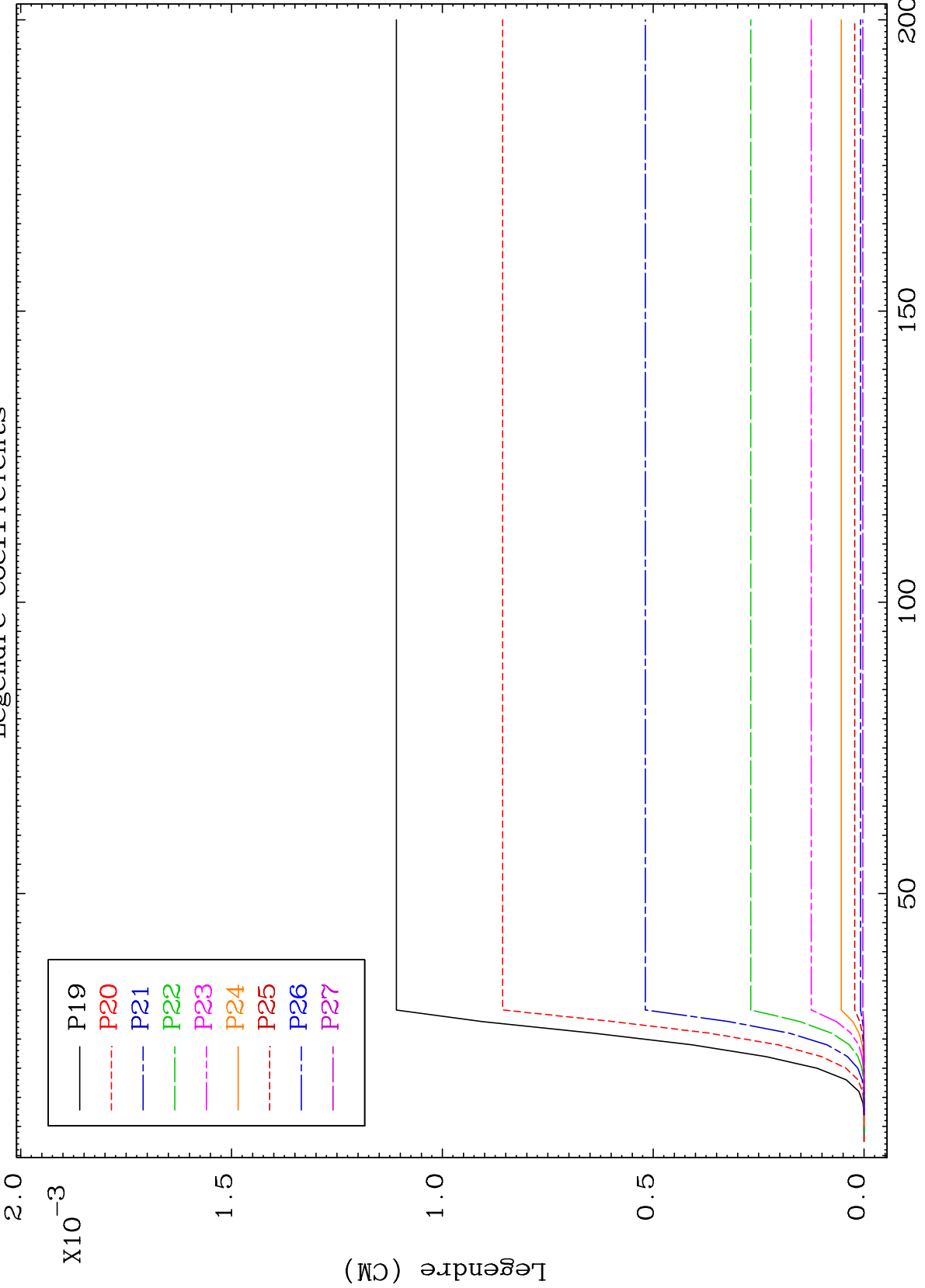
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



26

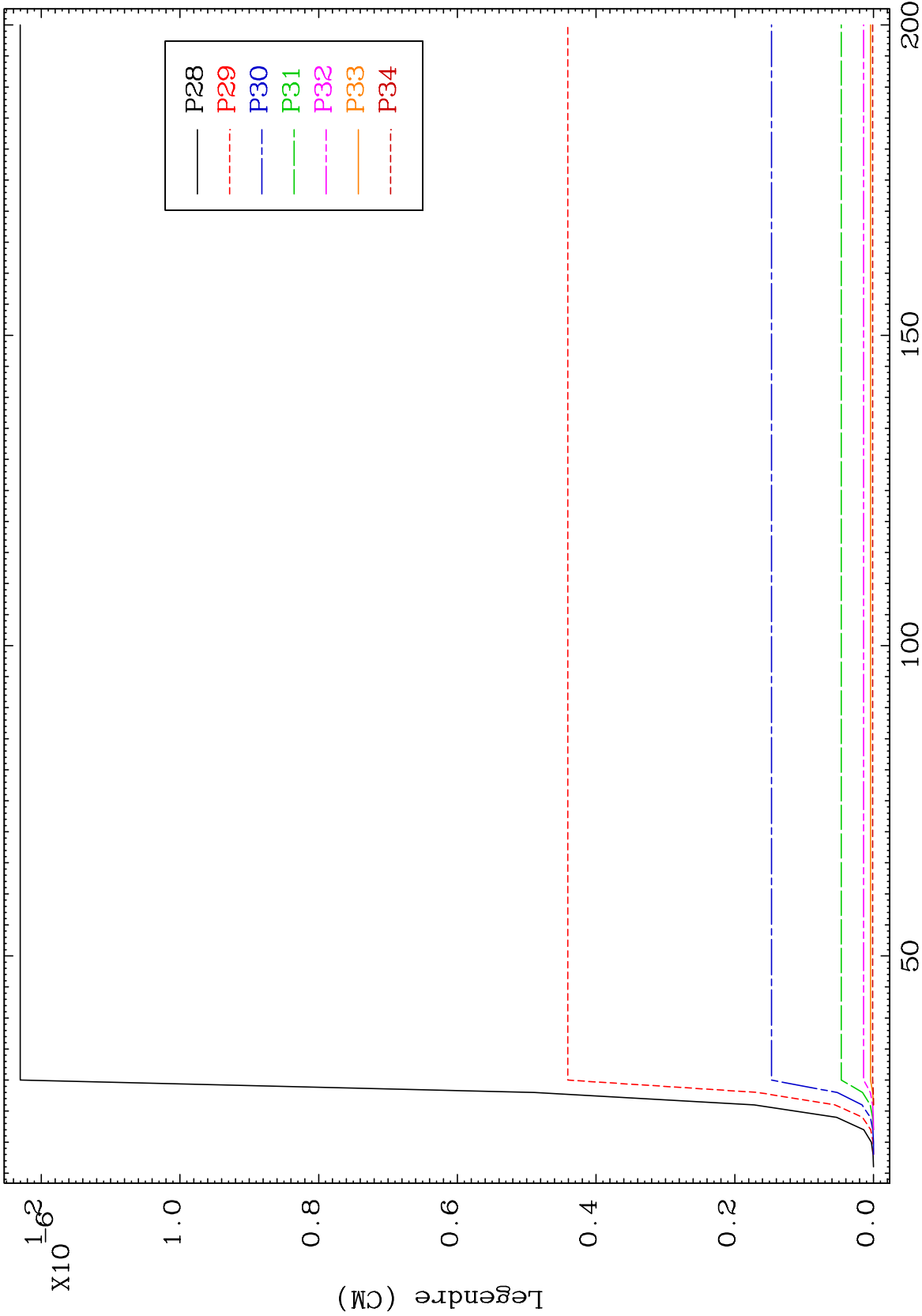
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



27

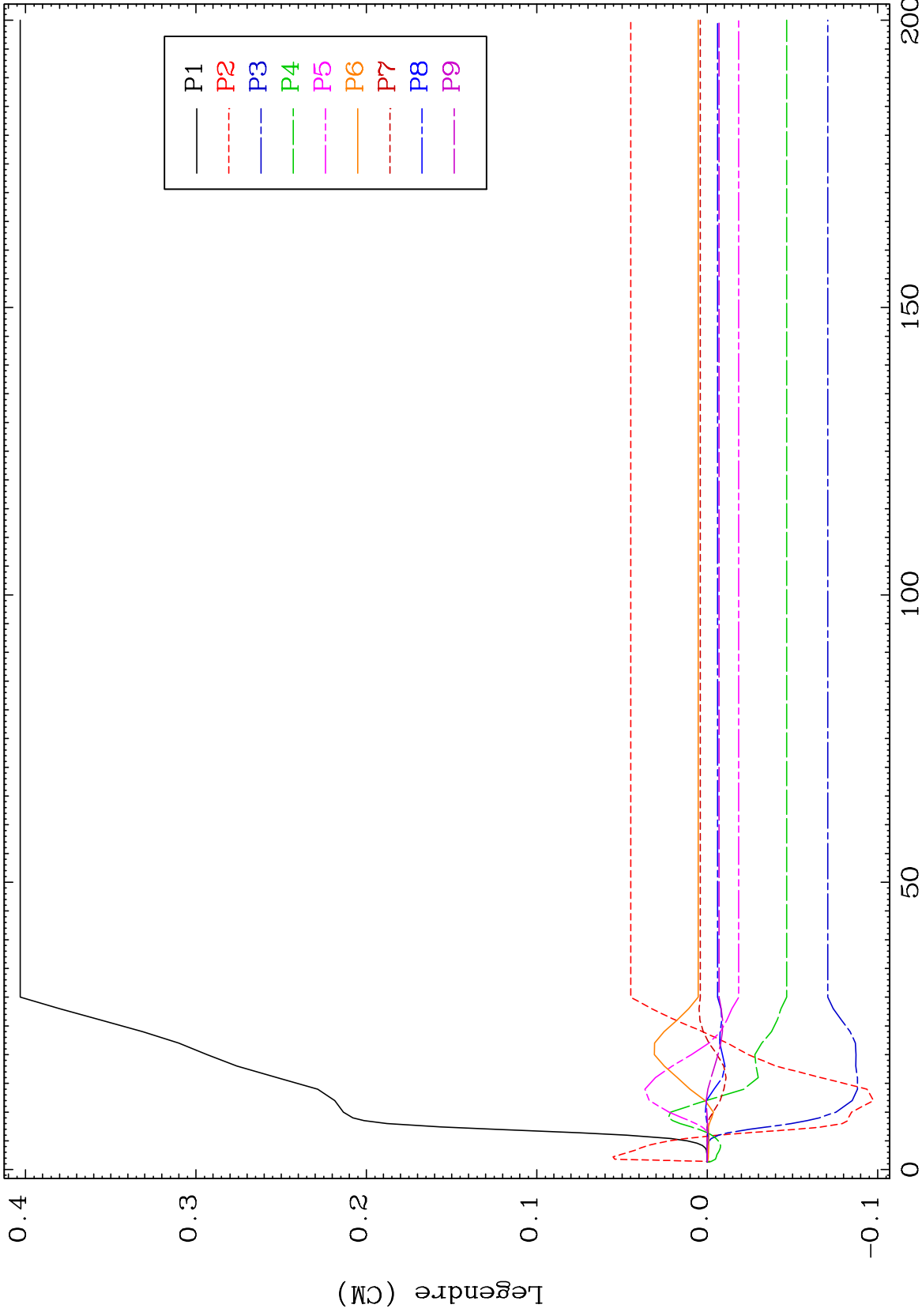
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



28

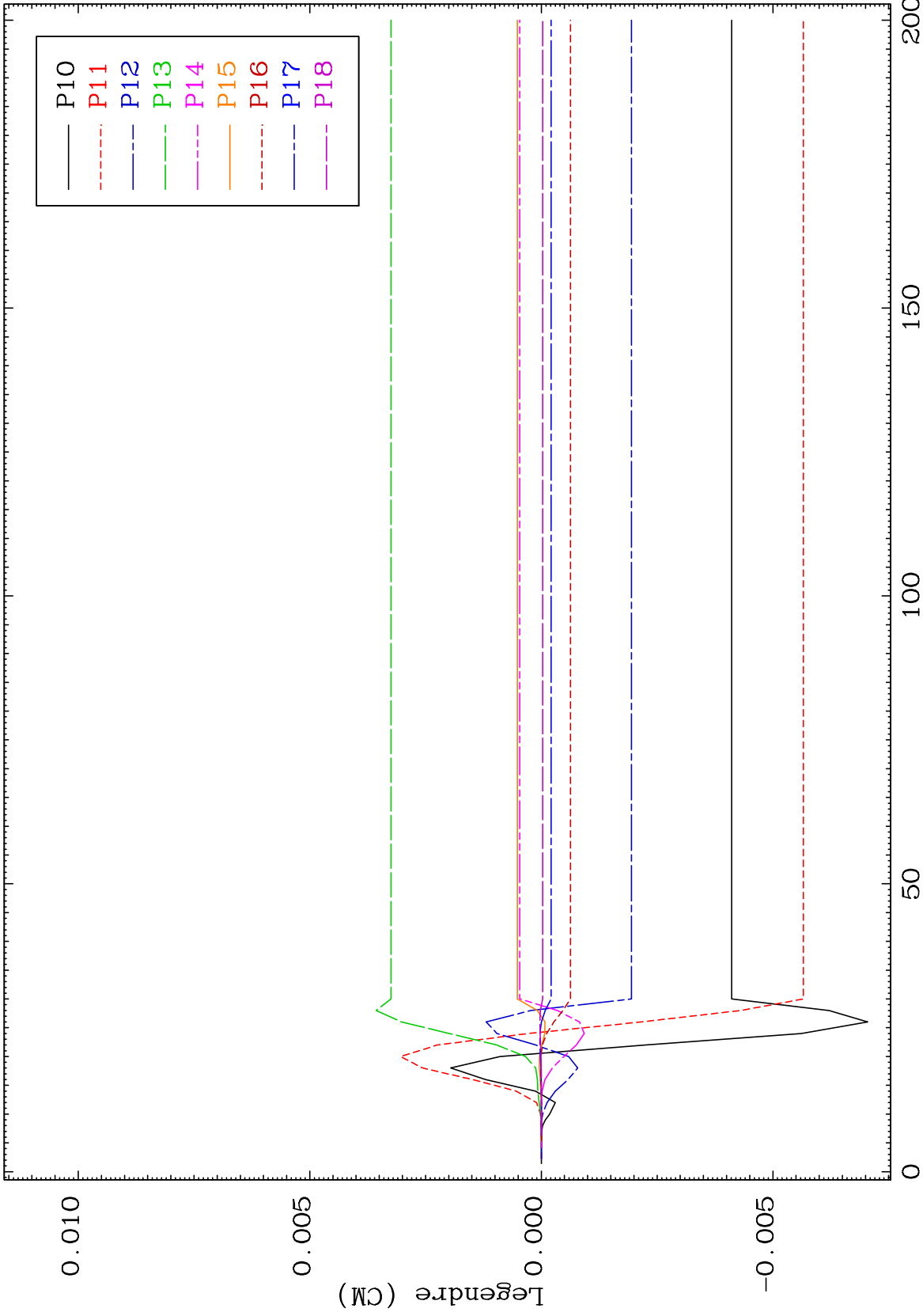
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



29

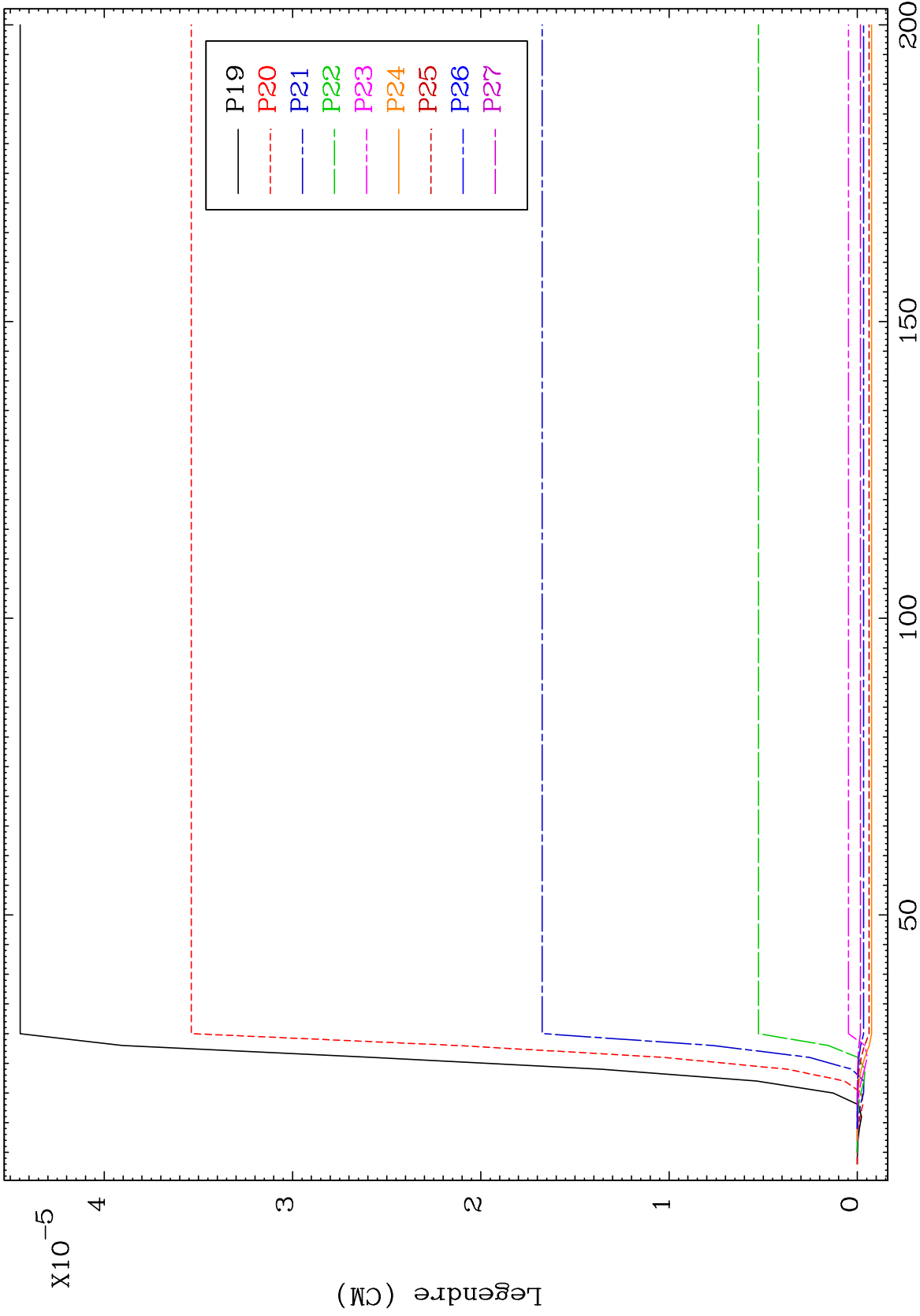
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



30

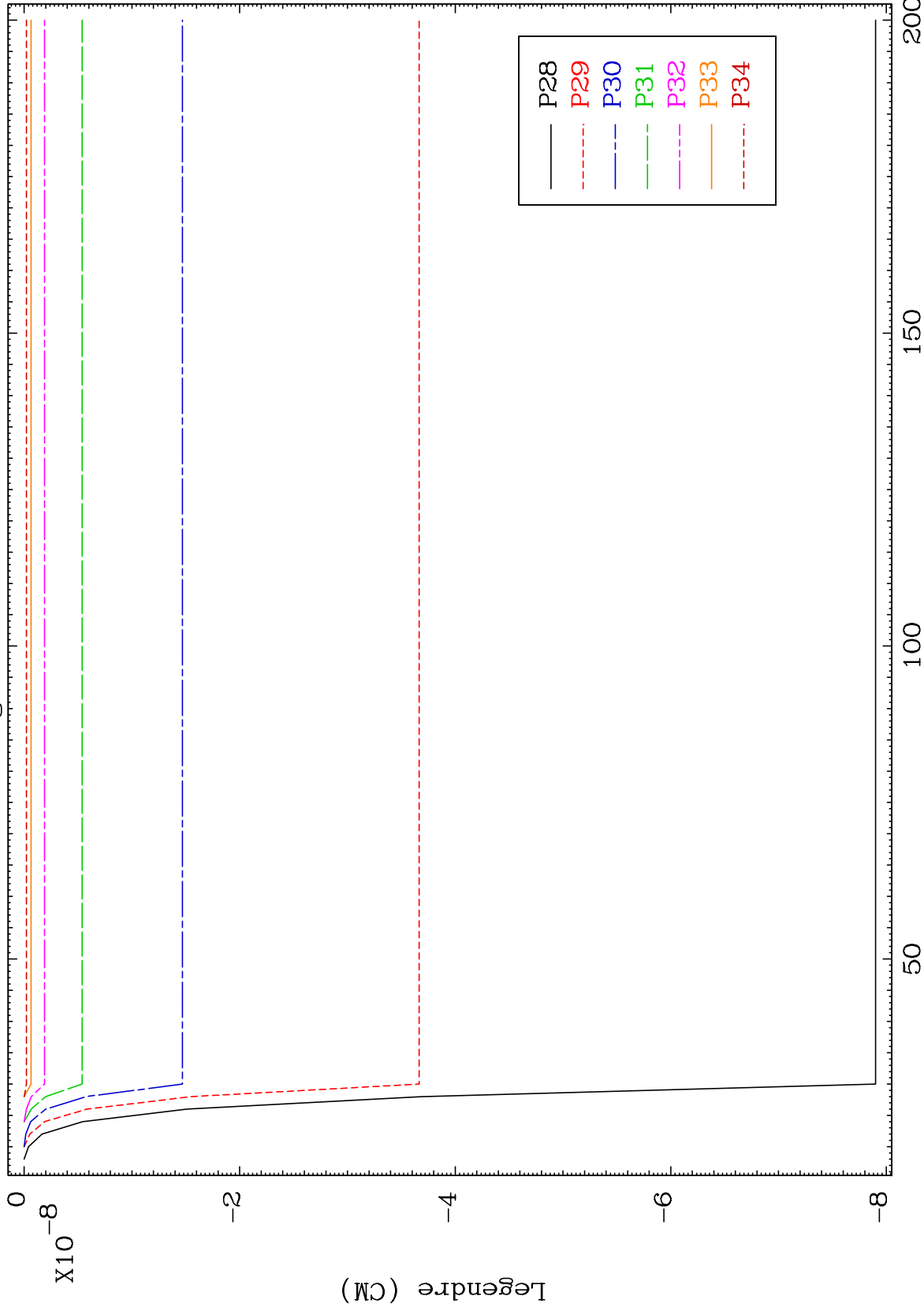
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118

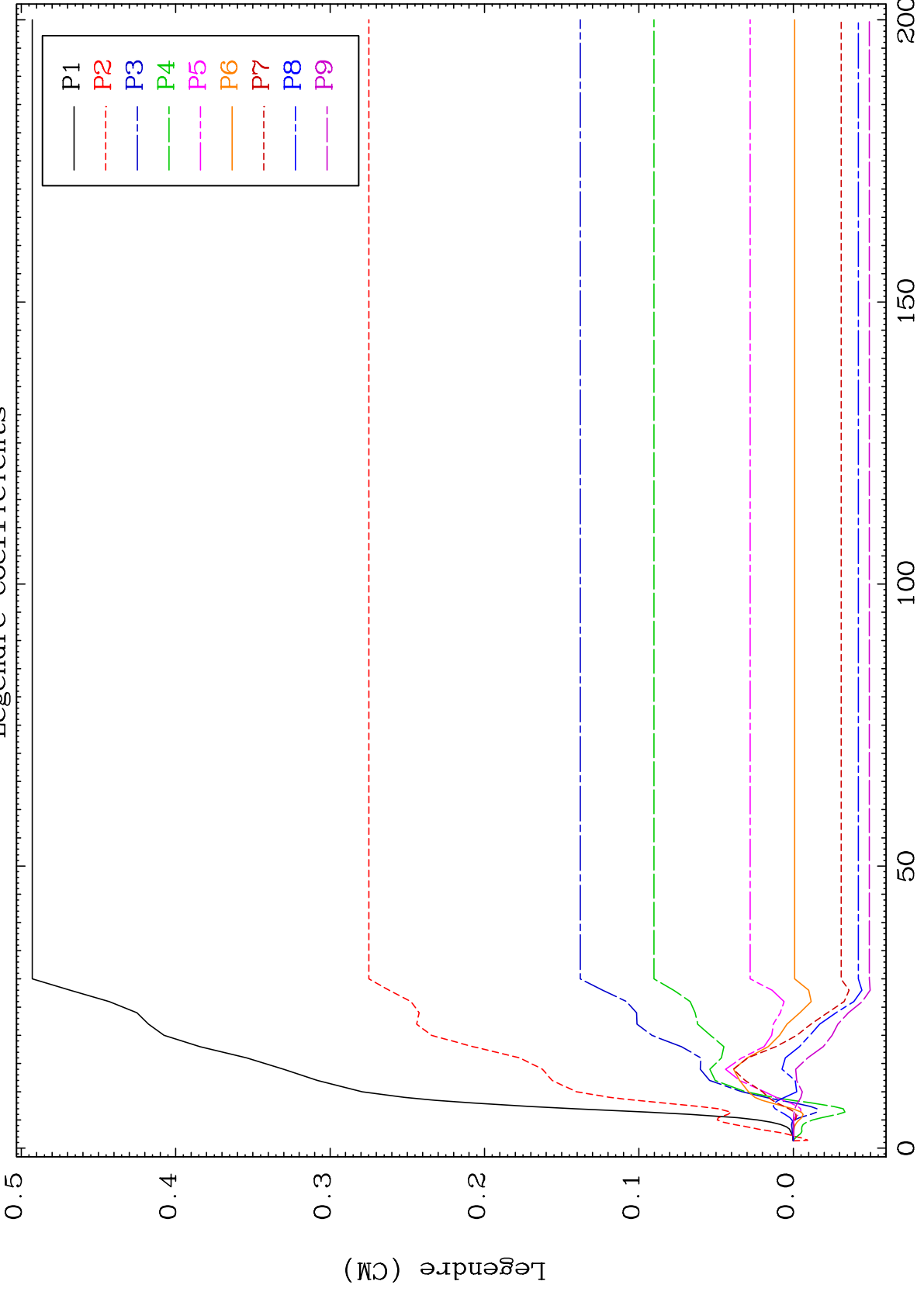


48-Cd-118

Incident Energy (MeV)

31

MAT 4861 MT= 54 (n,n') Level Legendre Coefficients 48-Cd-118

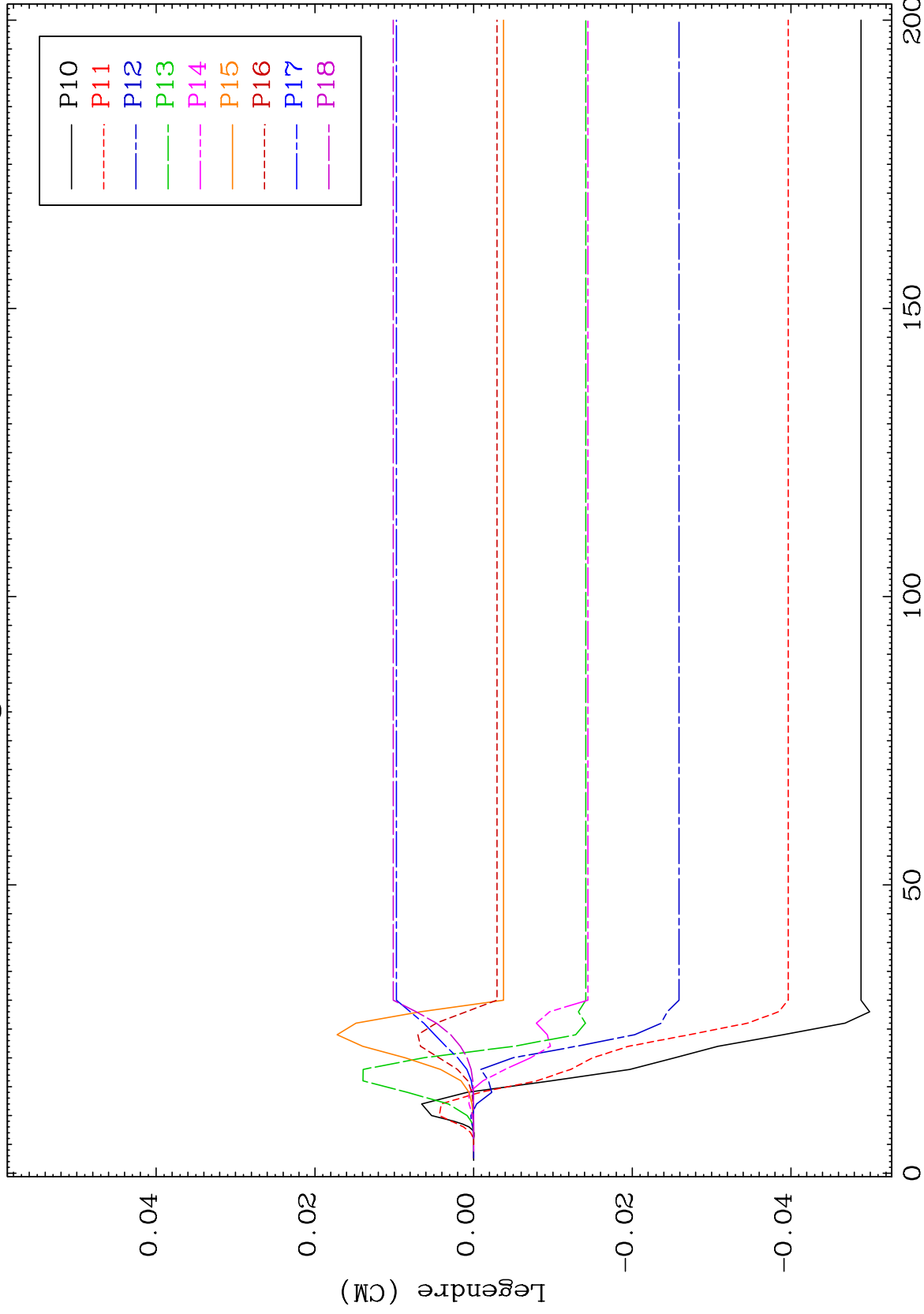


32 48-Cd-118

MAT 4861

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

48-Cd-118



33

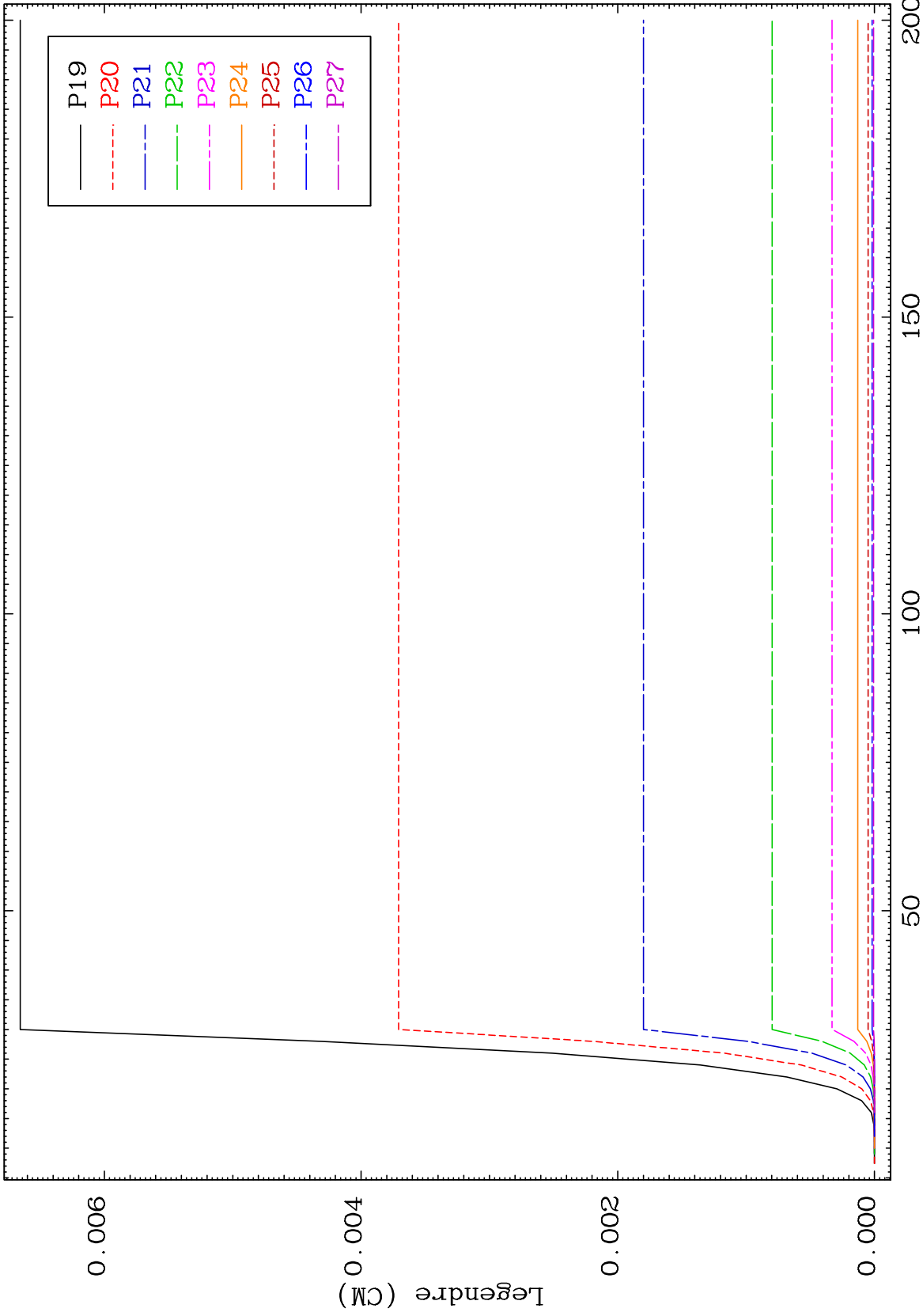
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



34

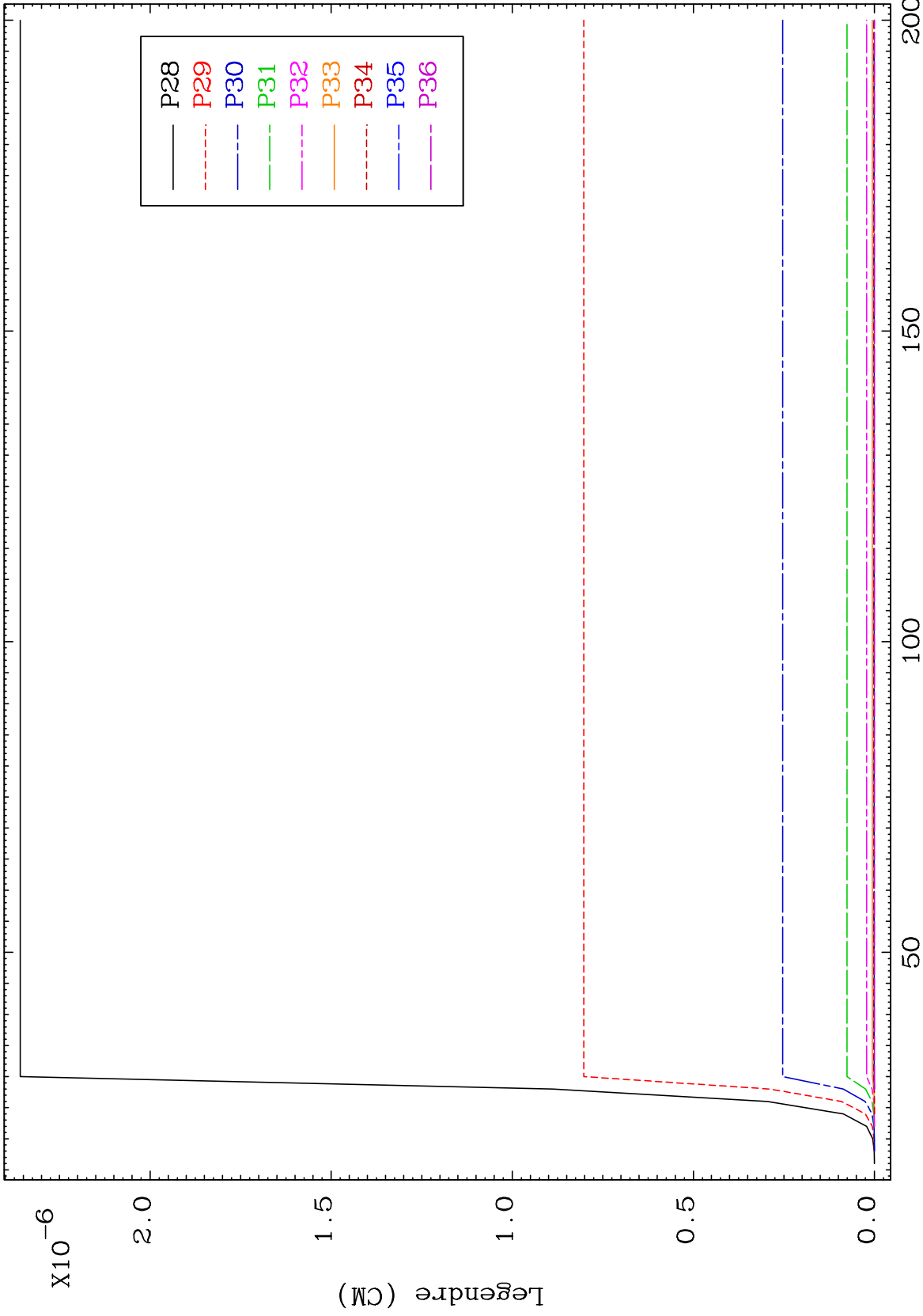
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



35

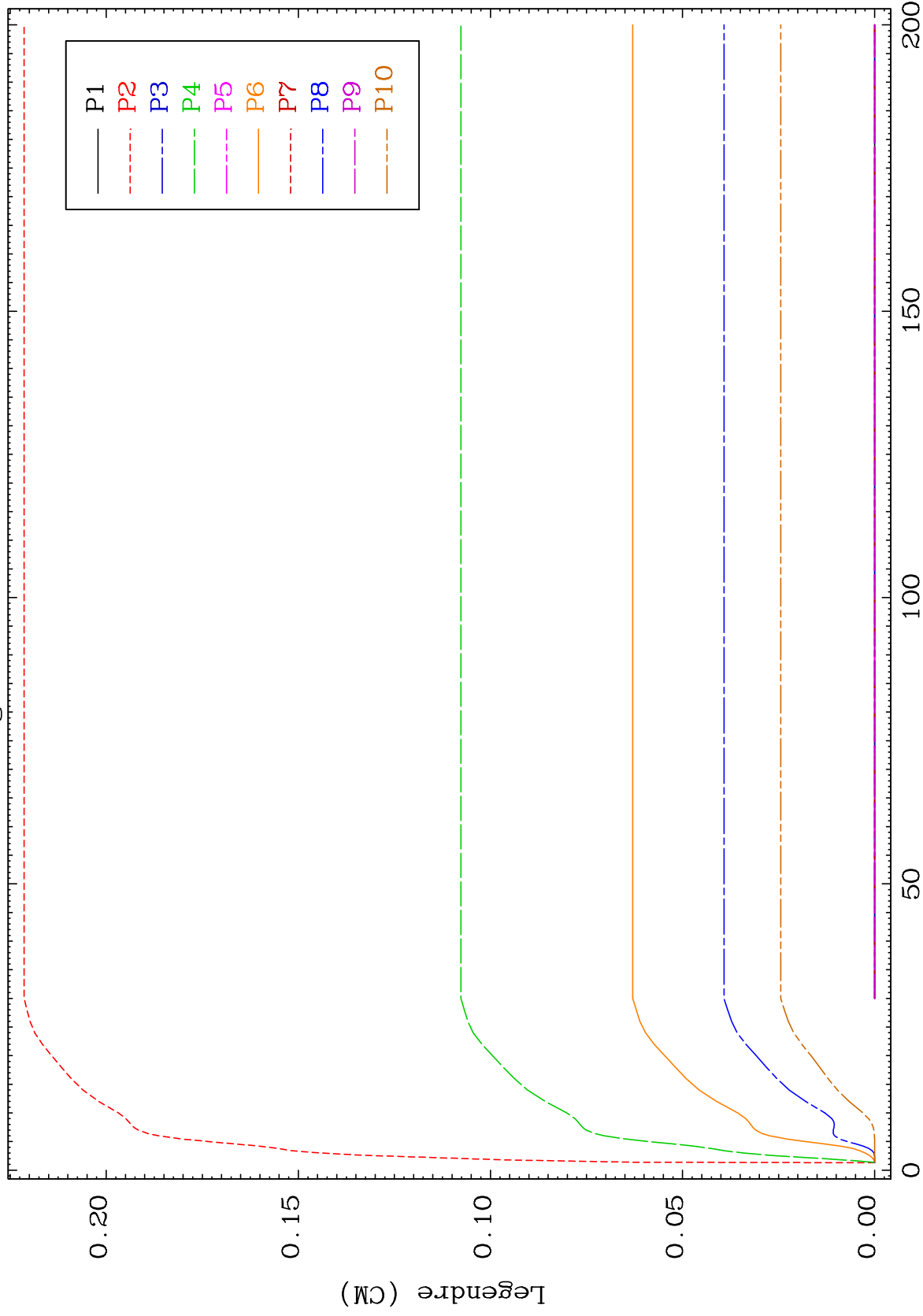
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



36

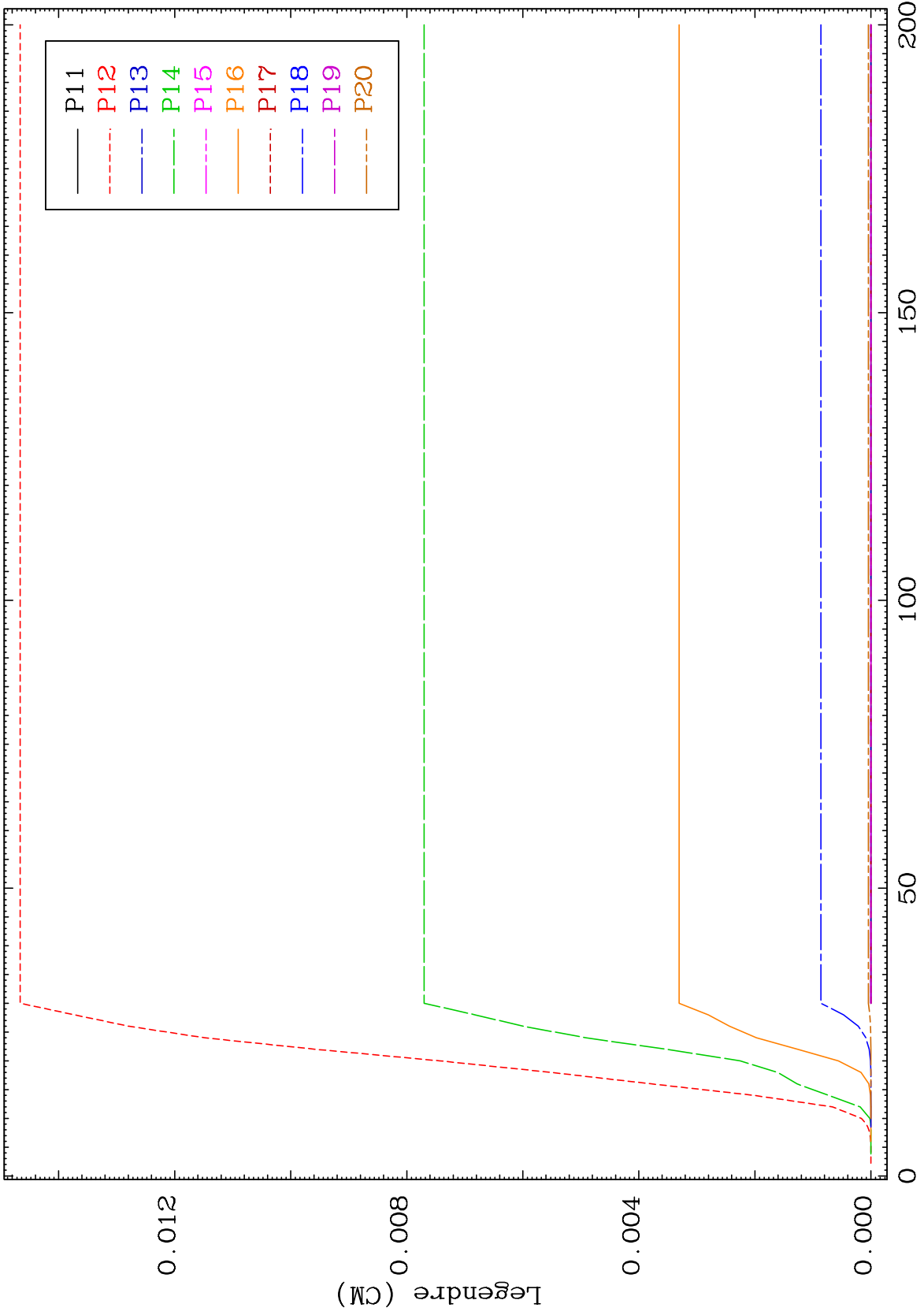
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118

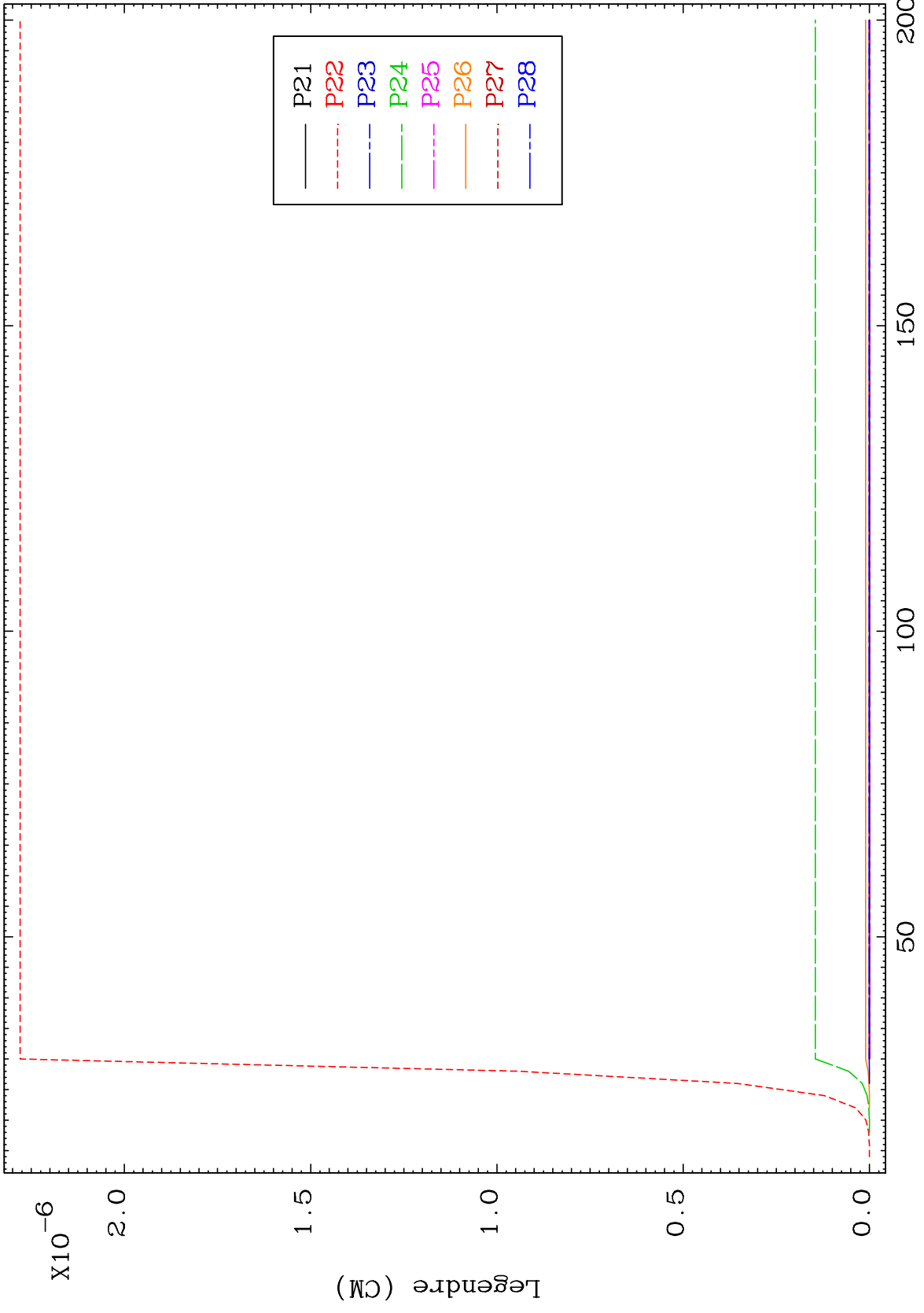


37

Incident Energy (MeV)

48-Cd-118

MAT 4861 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-118

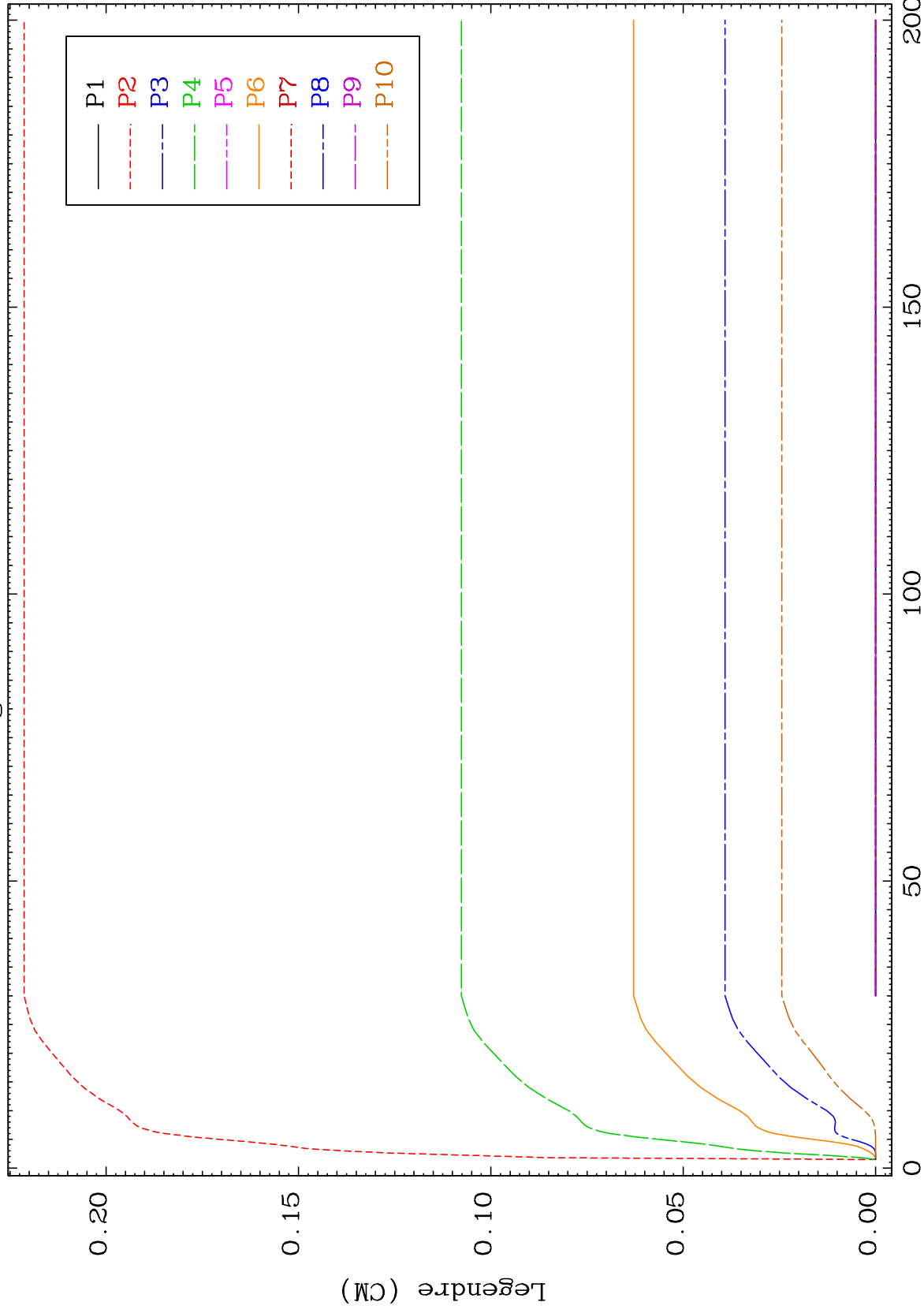


38 Incident Energy (MeV) 48-Cd-118

MAT 4861

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

48-Cd-118



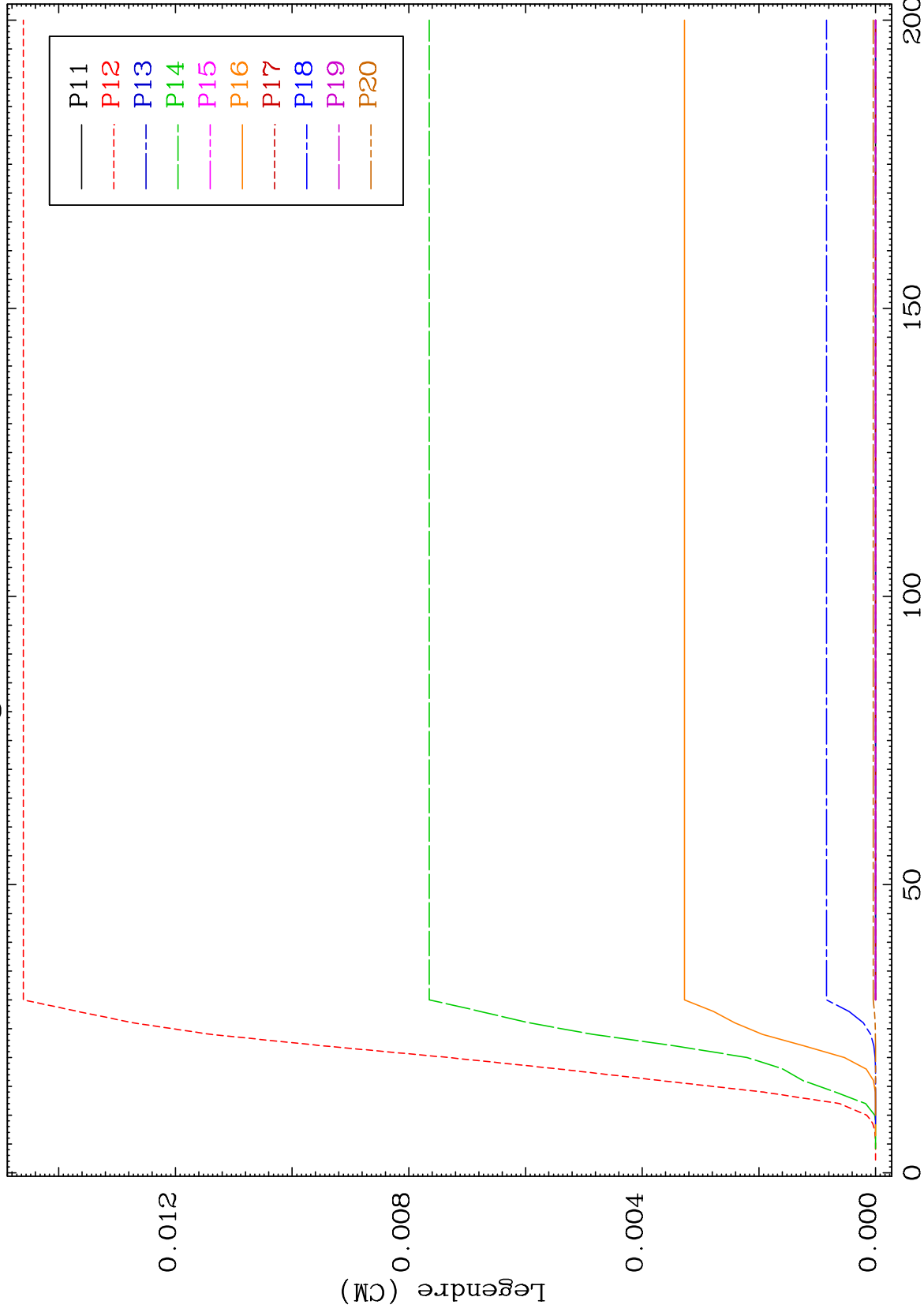
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48-Cd-118

MAT 4861

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

48-Cd-118



40

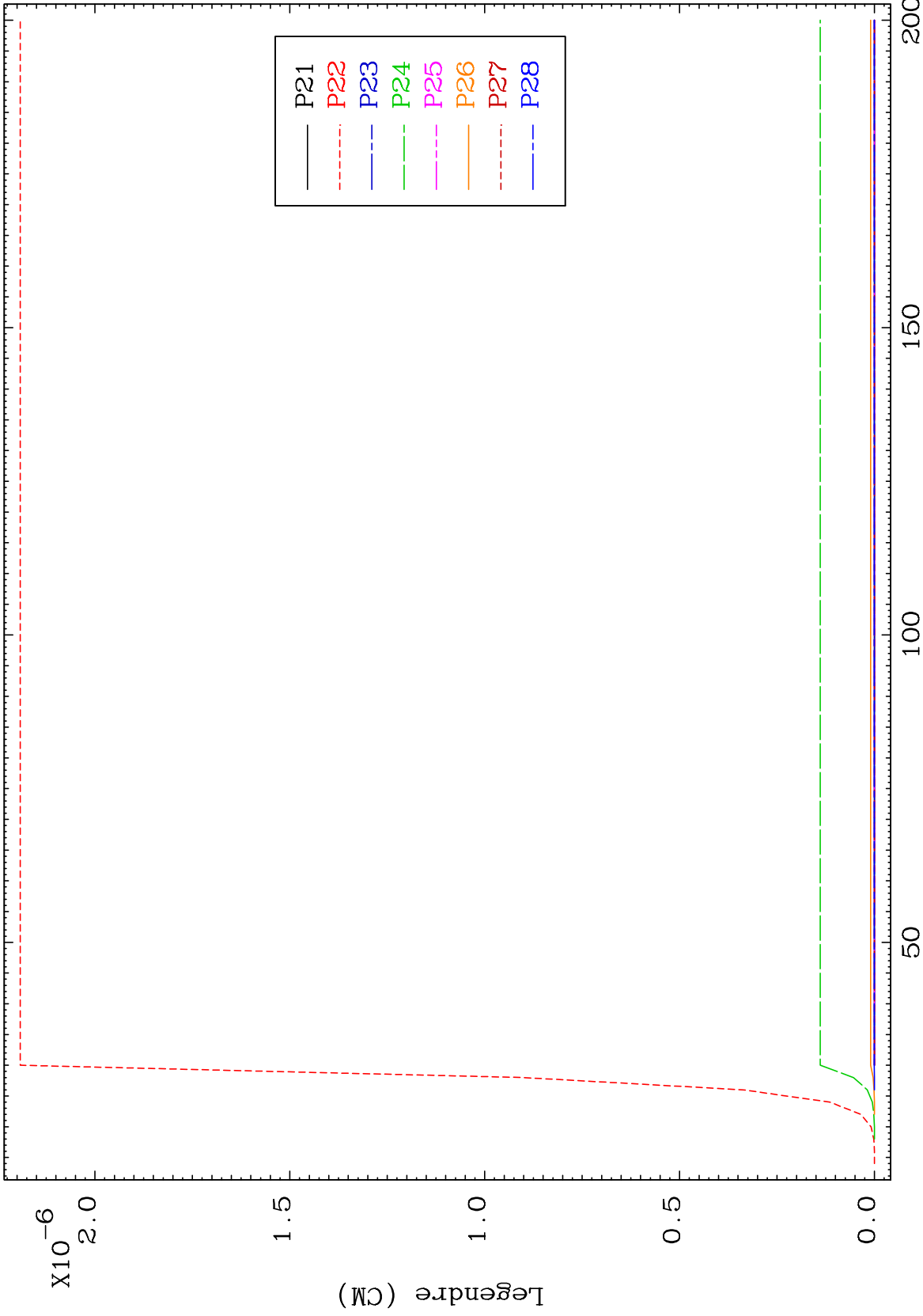
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



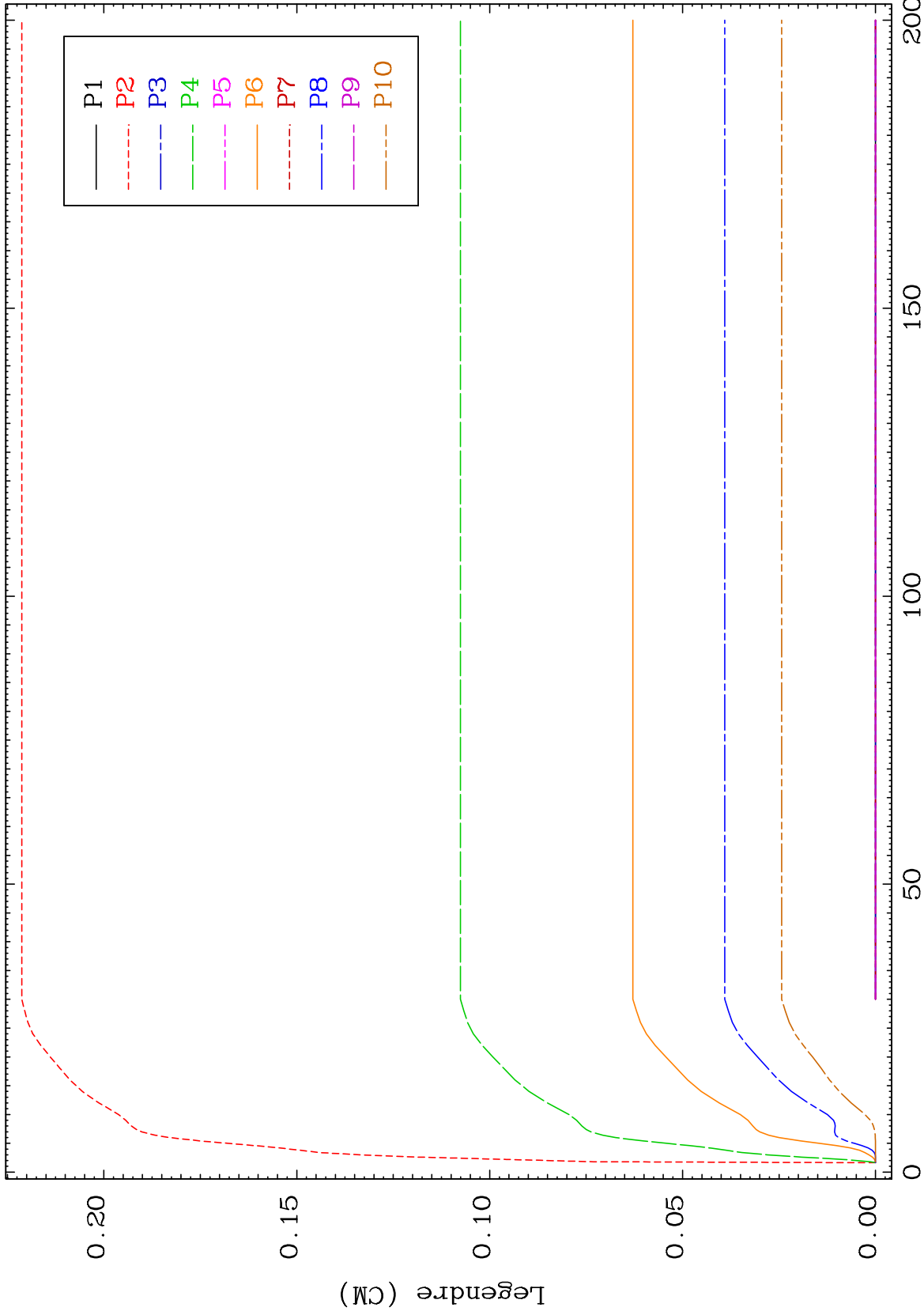
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48-Cd-118

MAT 4861

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

48-Cd-118



42

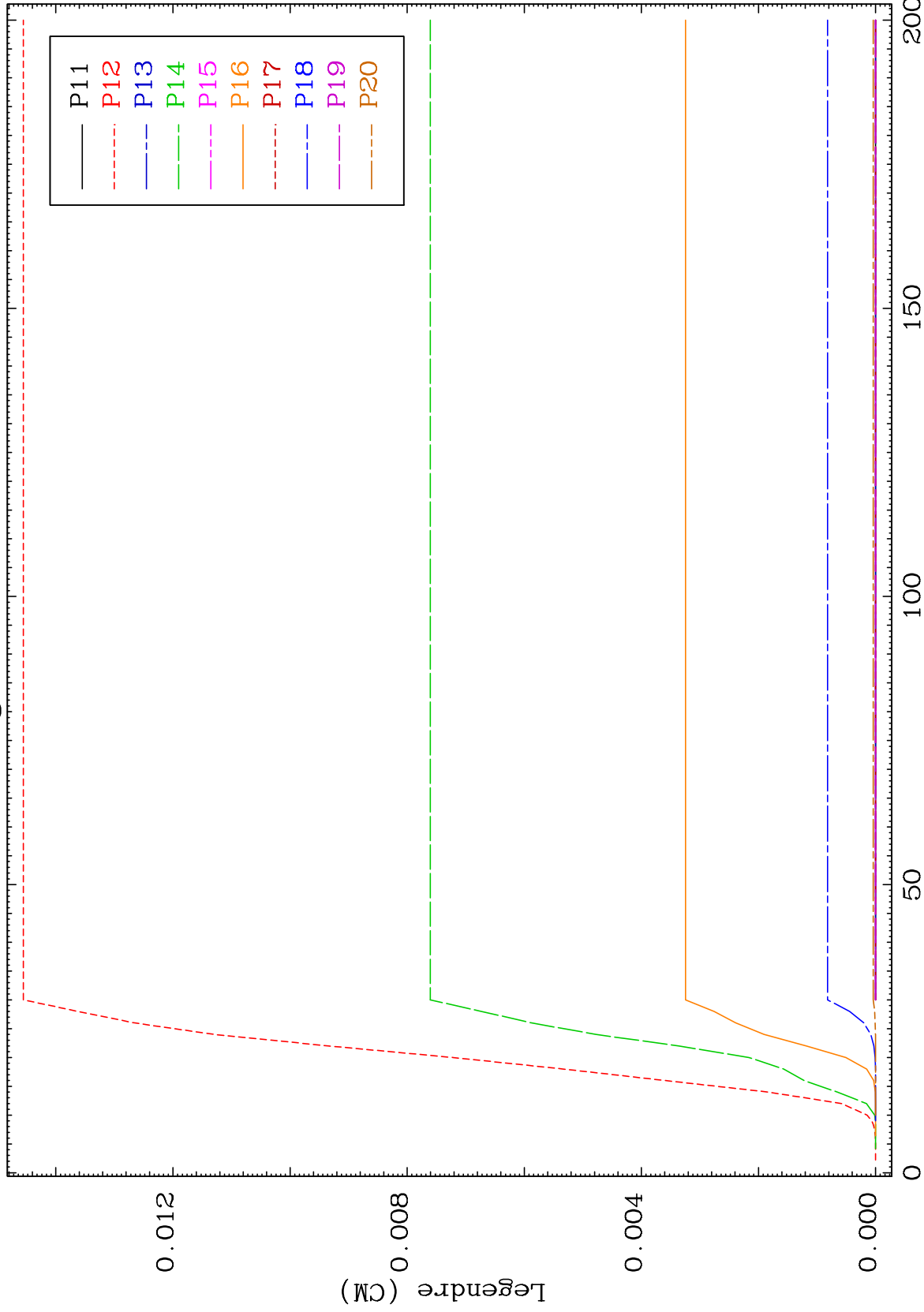
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



43

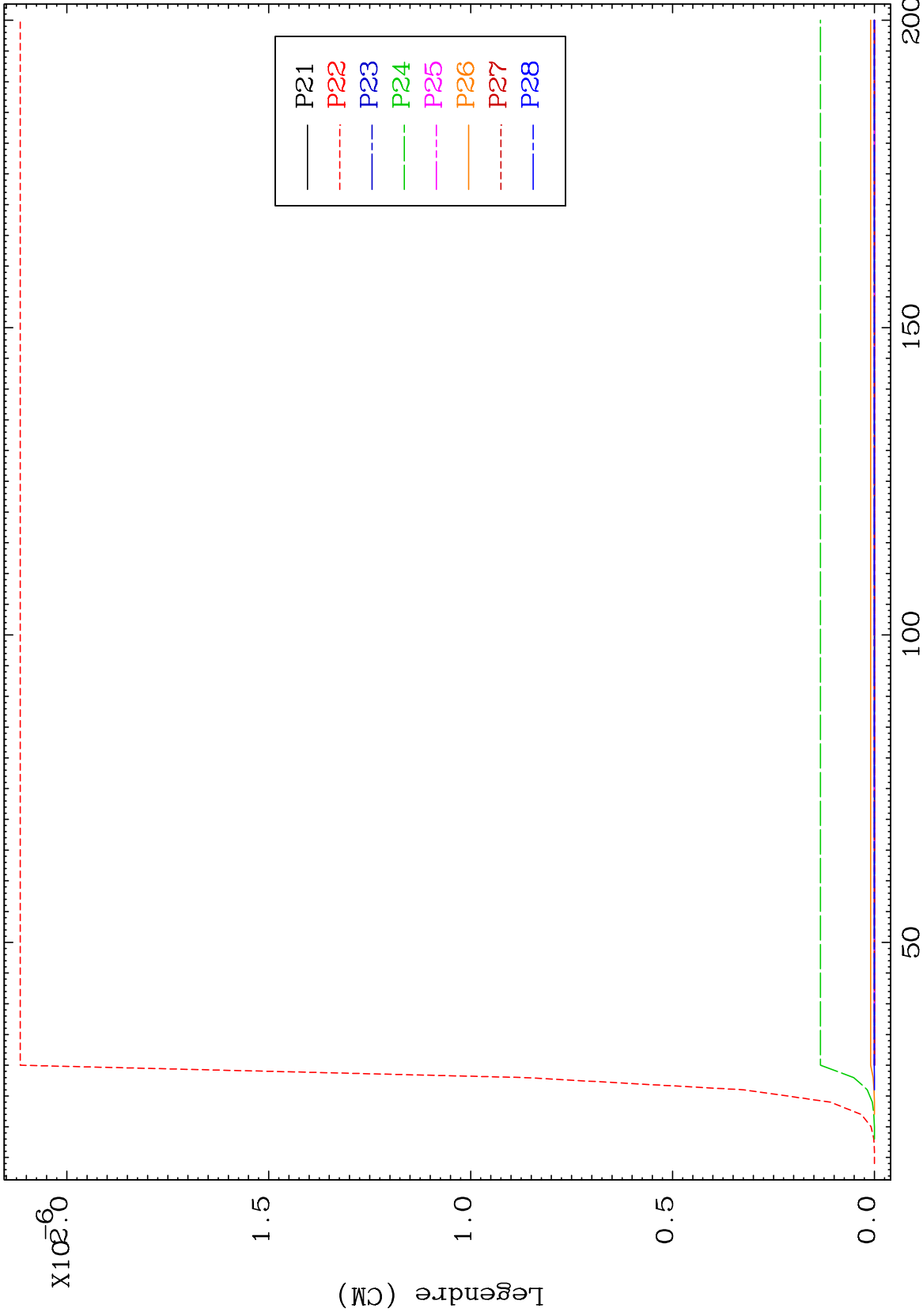
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



44

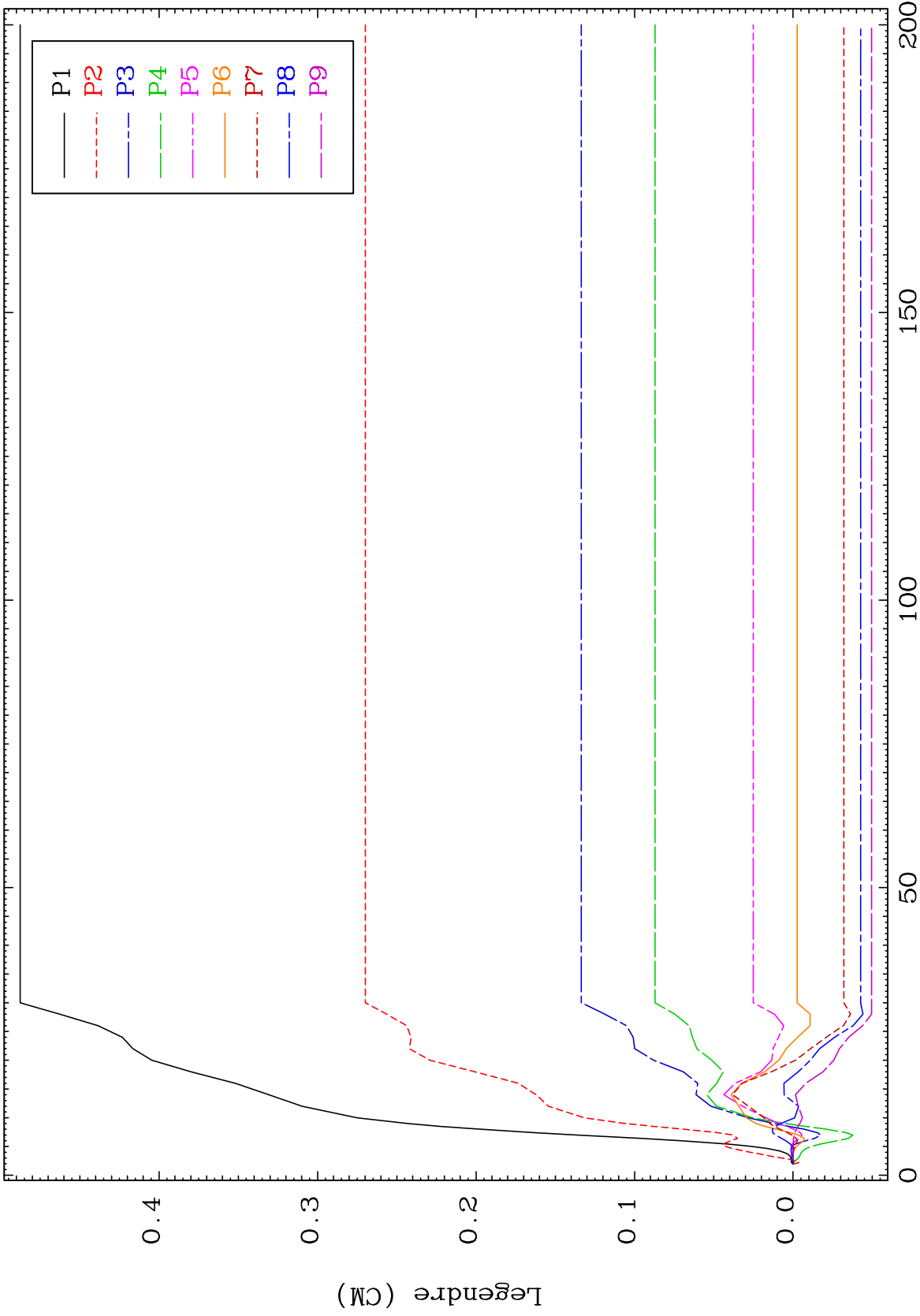
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



45

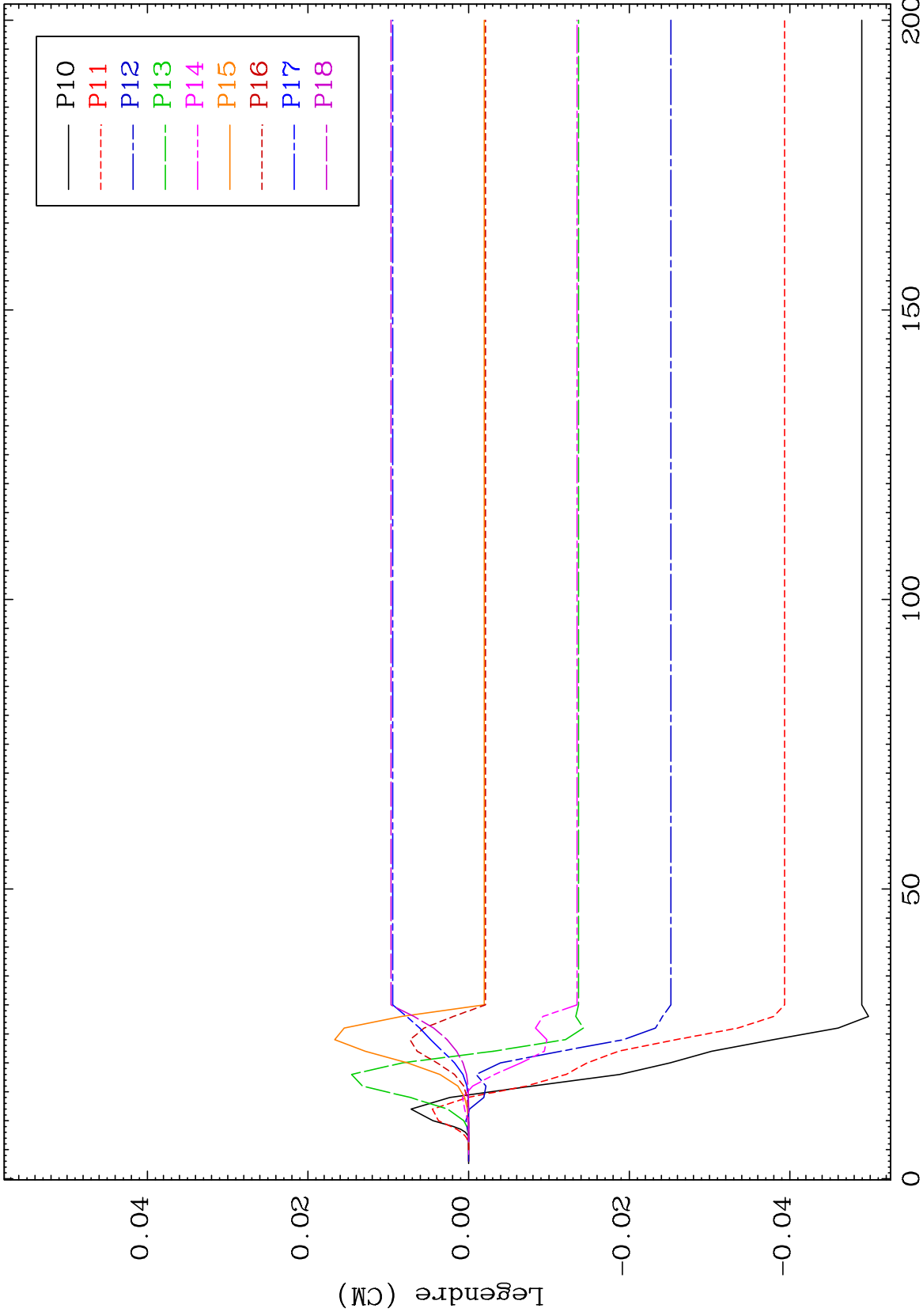
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



46

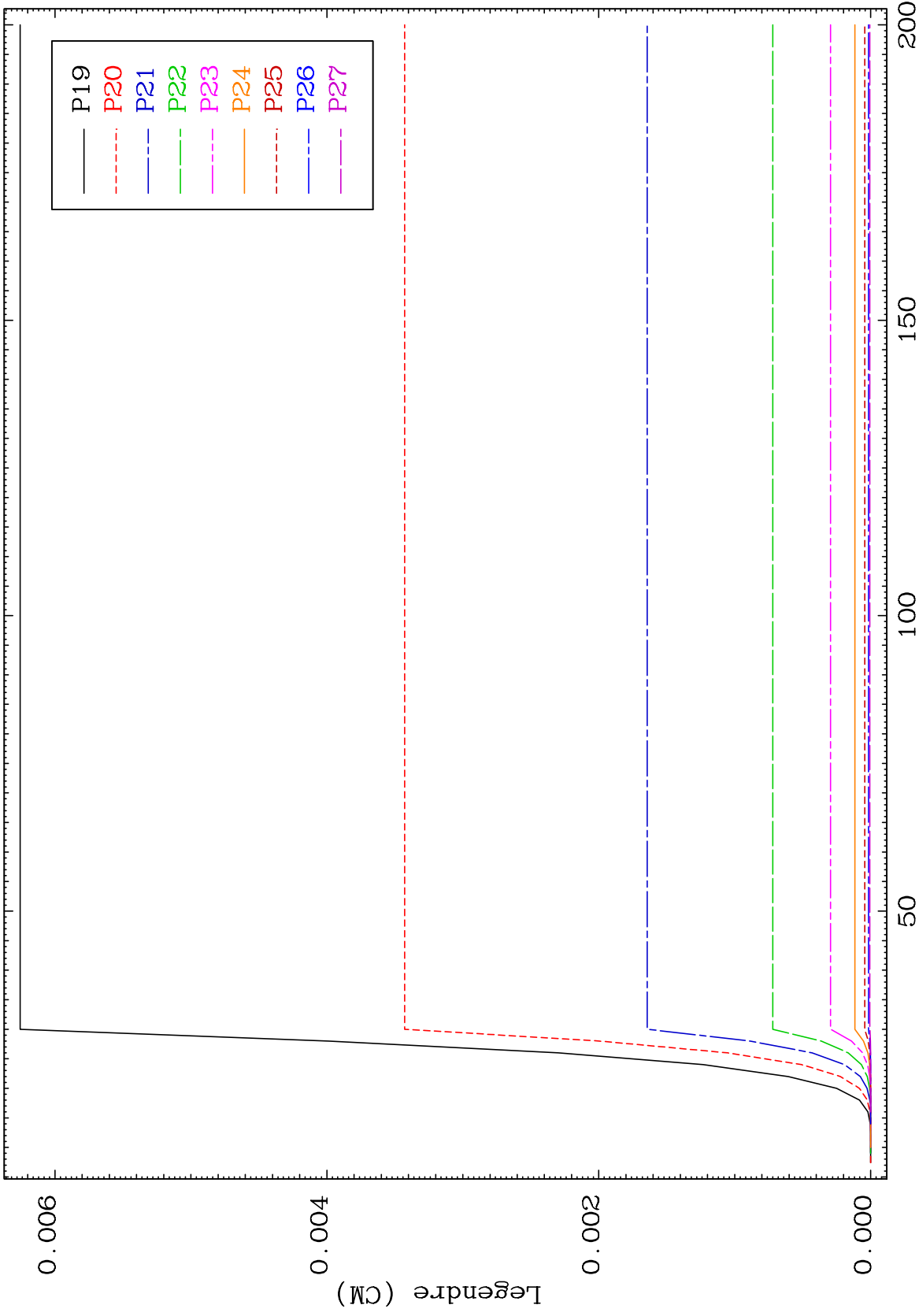
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



47

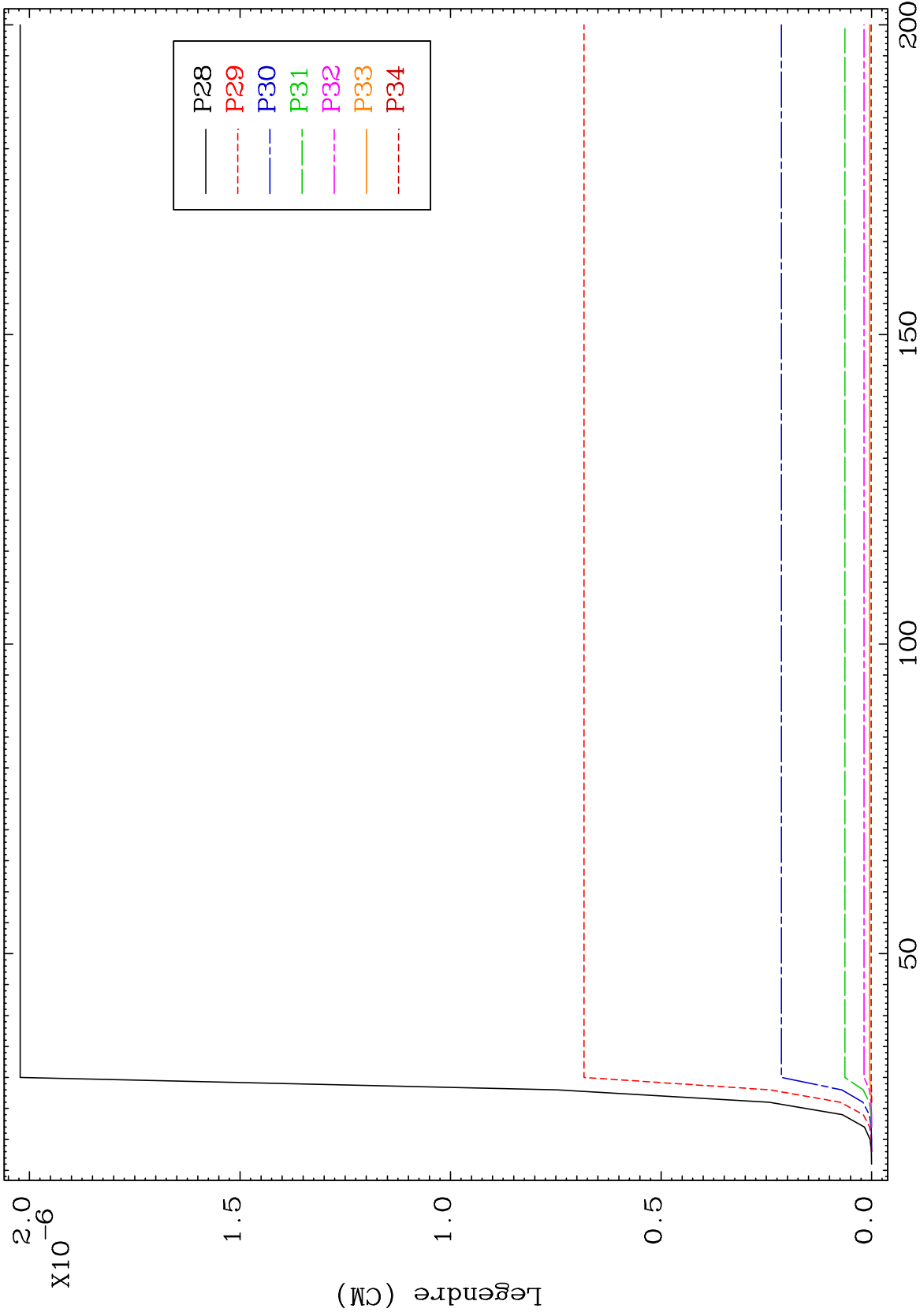
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48

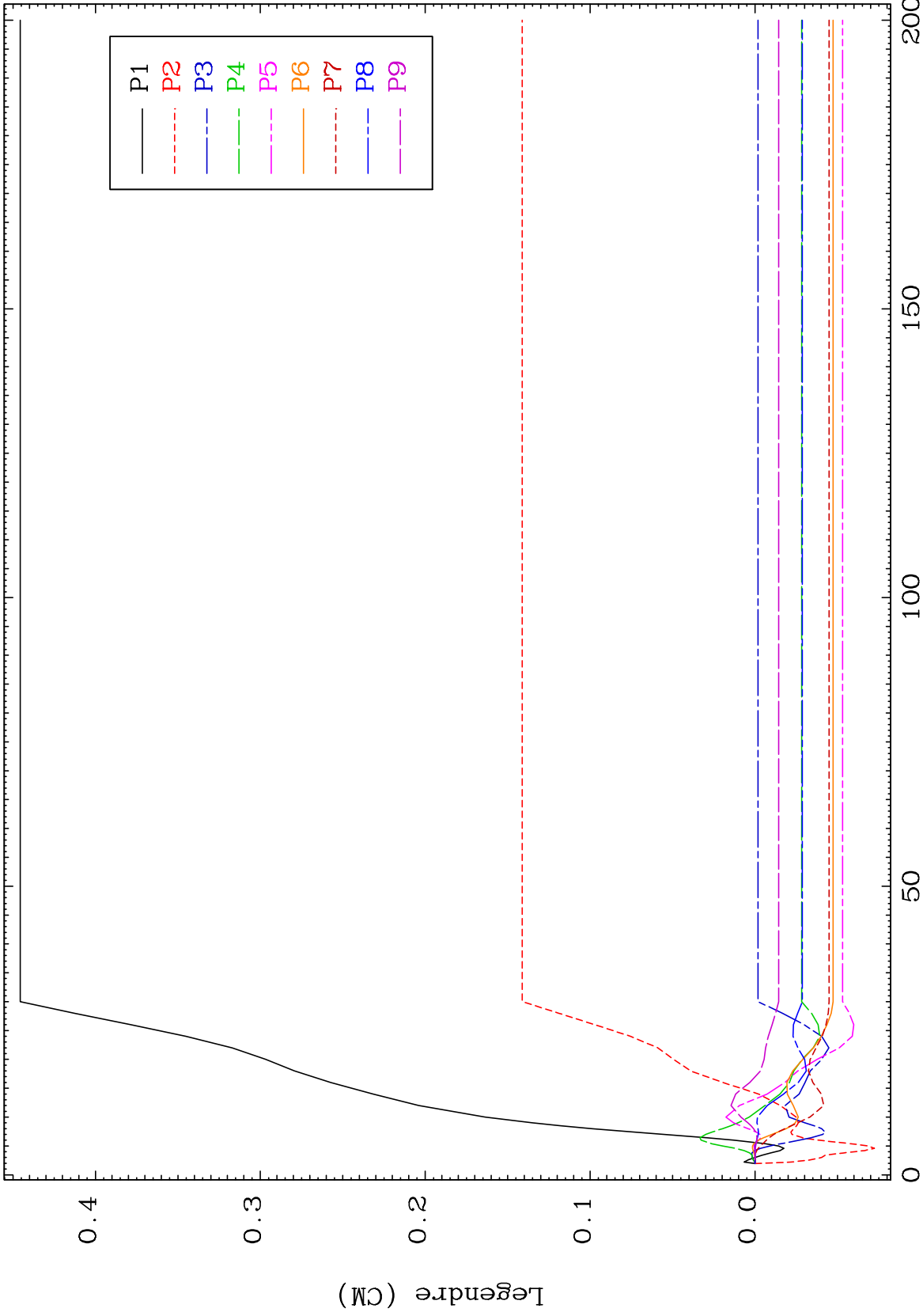
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



49

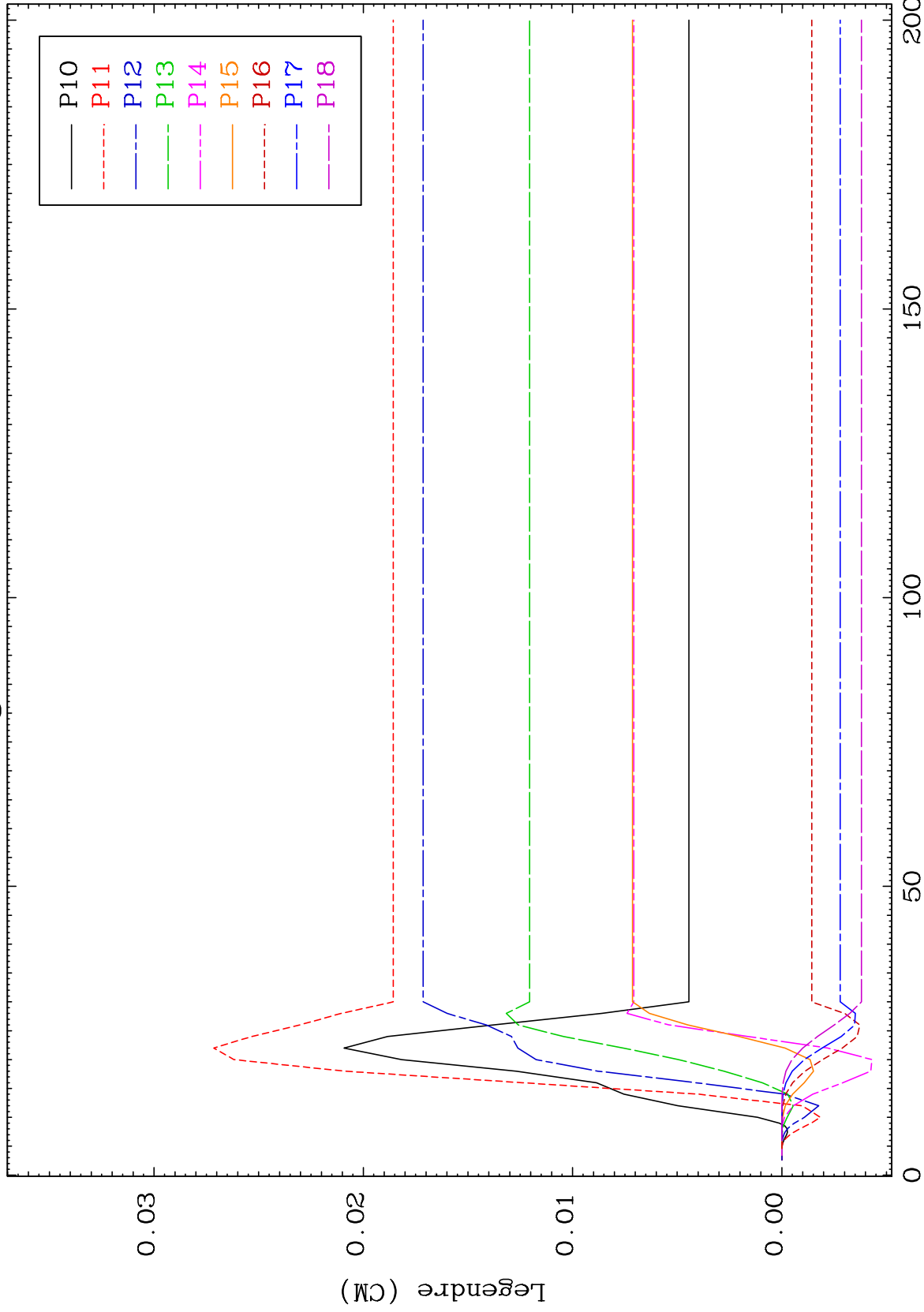
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

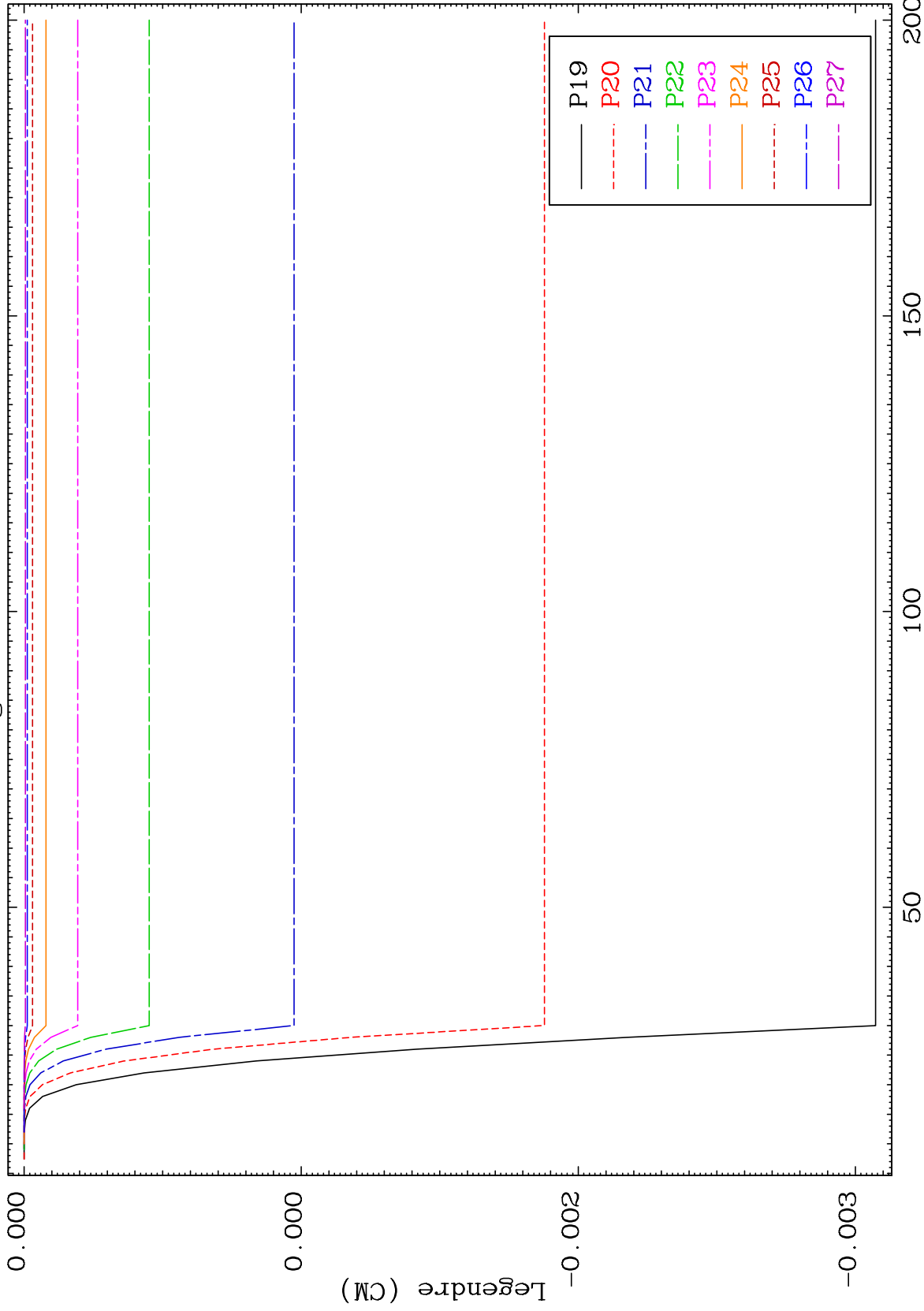
48-Cd-118



48-Cd-118

Incident Energy (MeV)

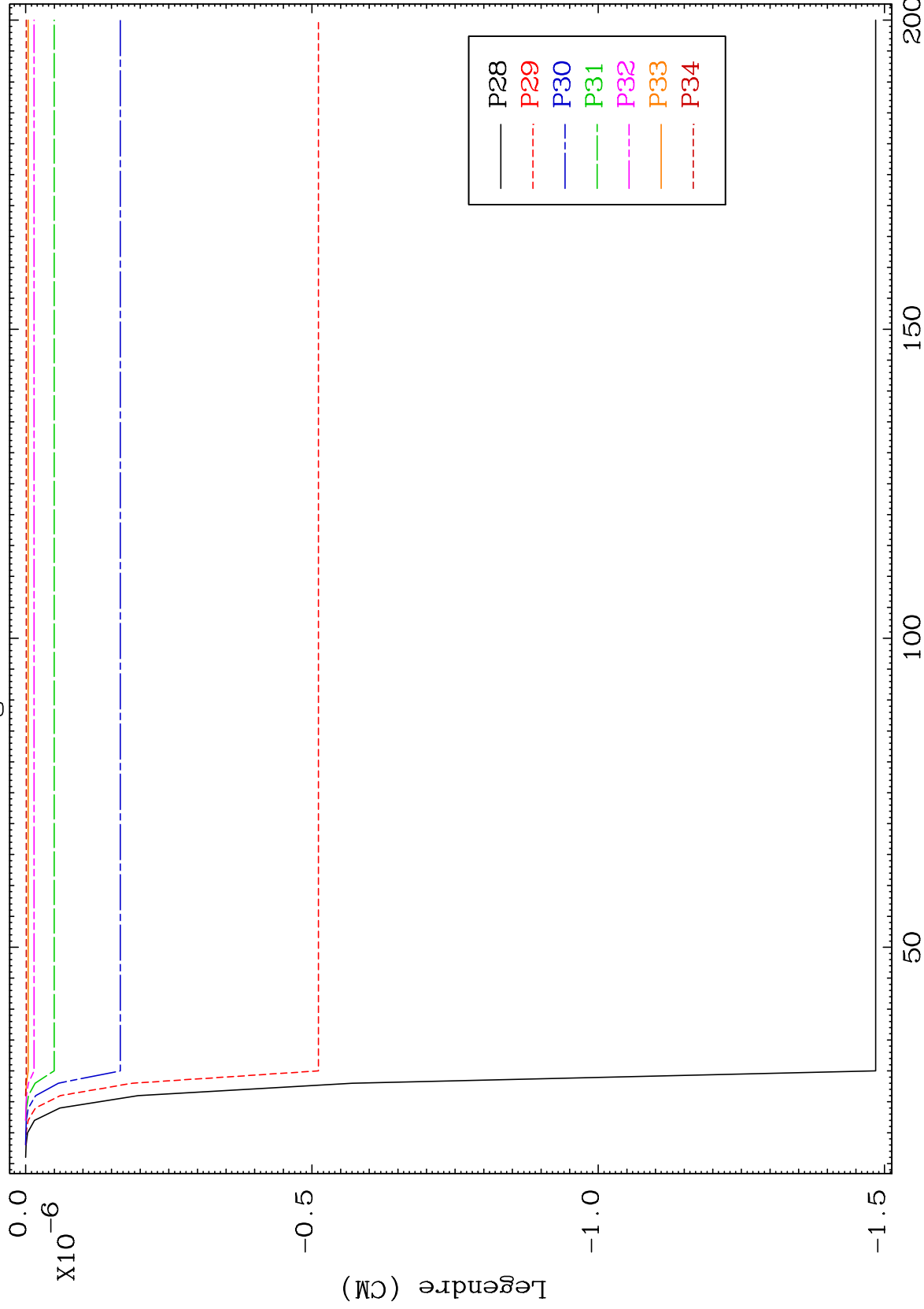
50



MAT 4861

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

48-Cd-118



52

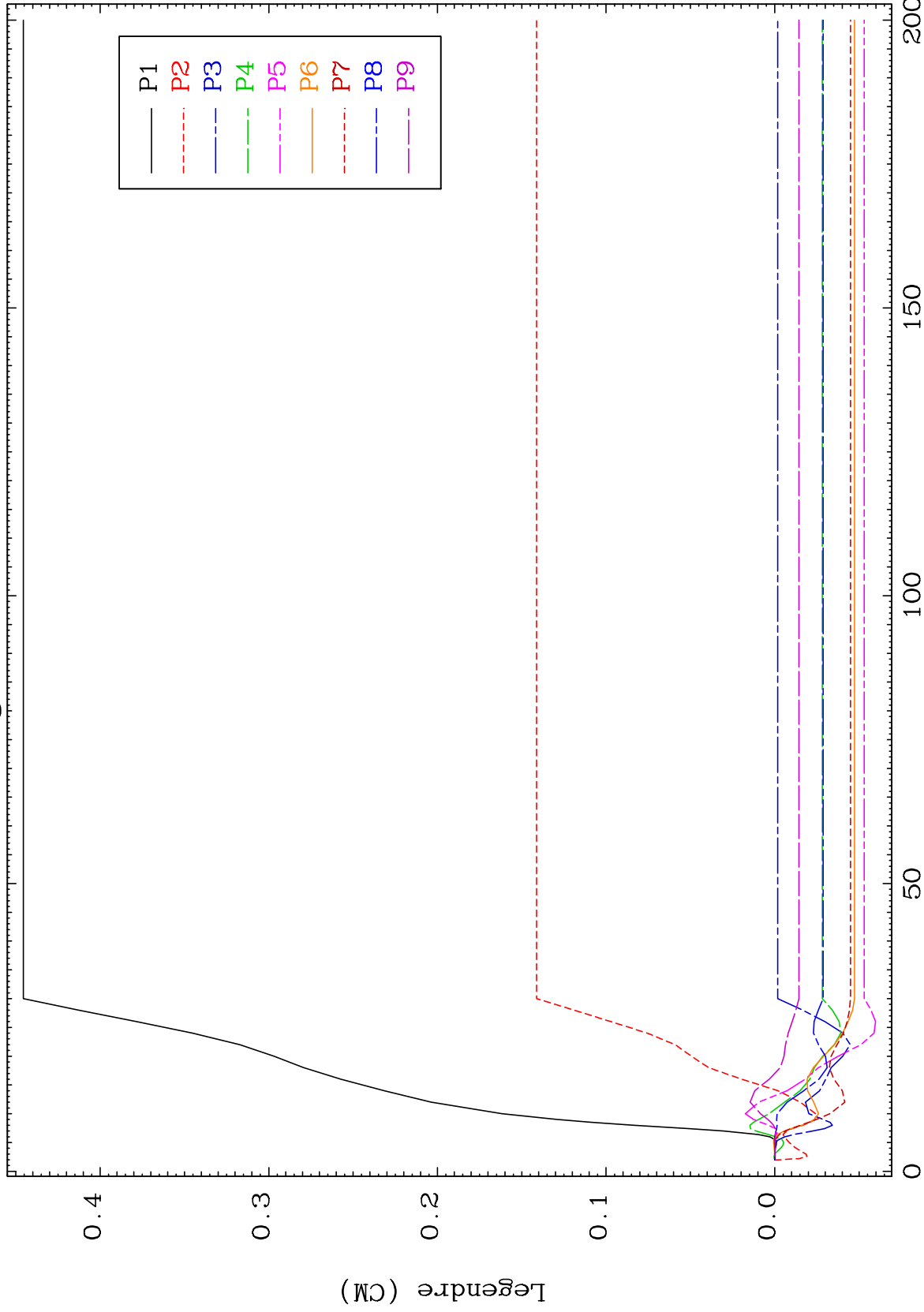
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



53

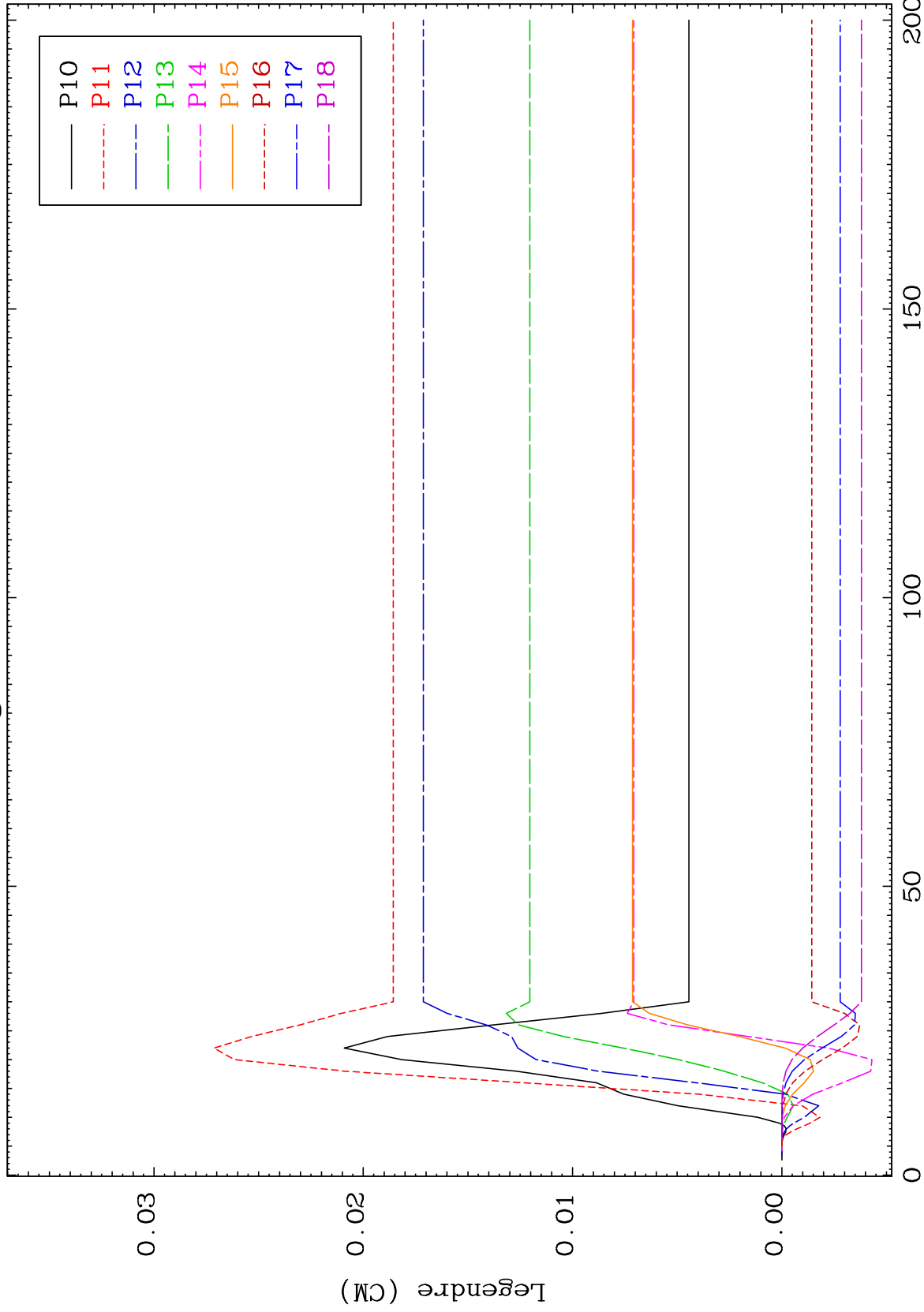
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



54

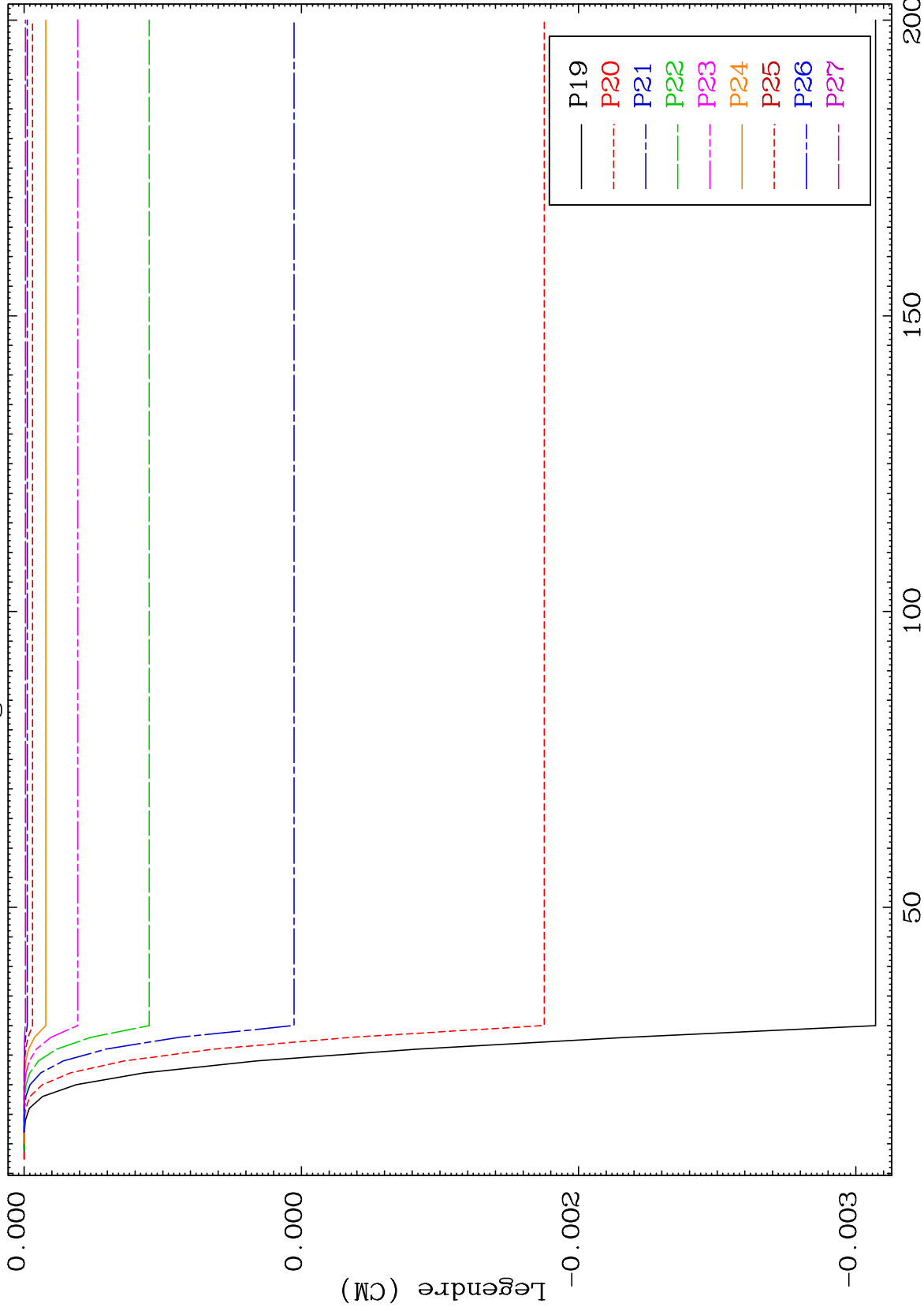
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

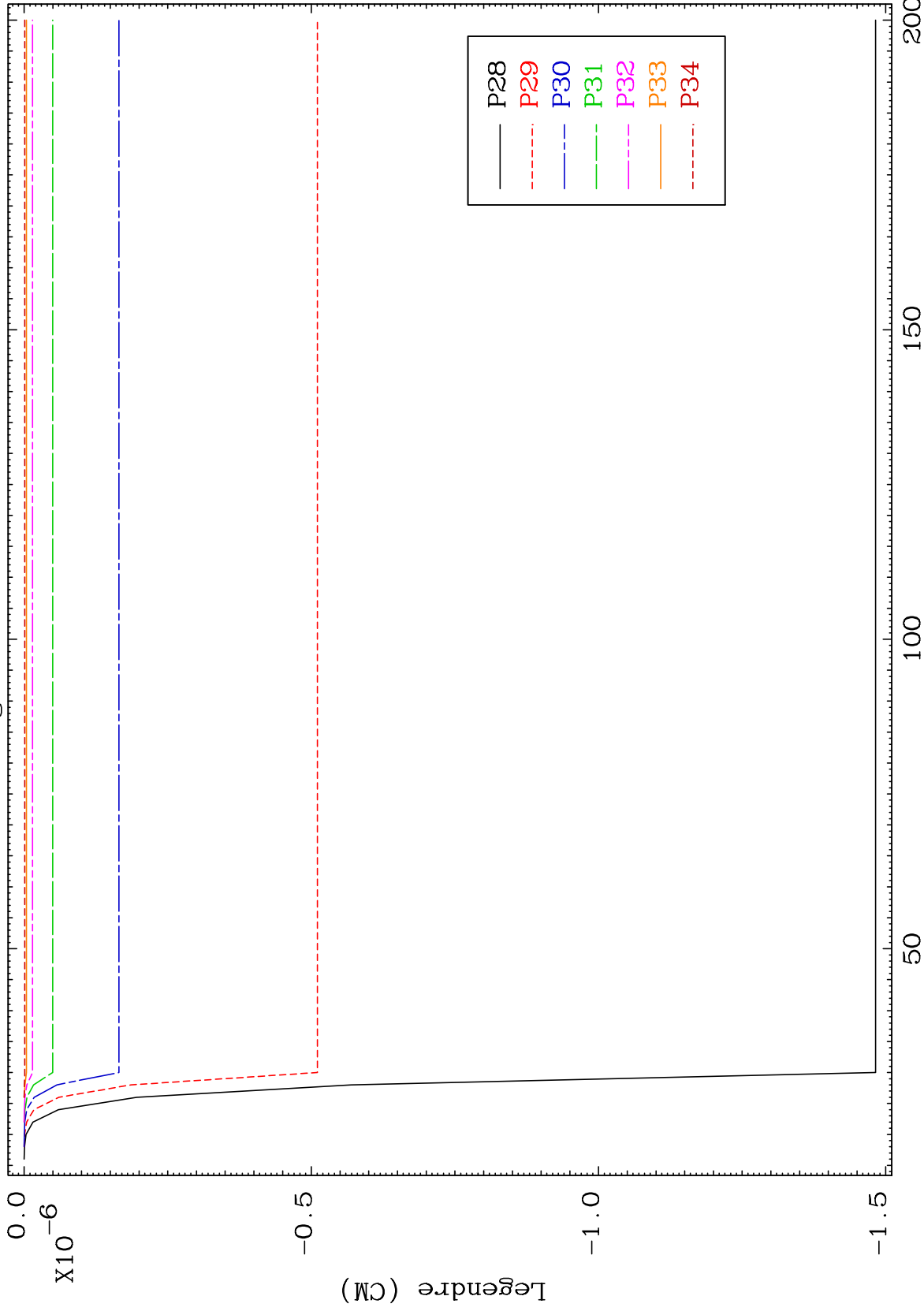
Incident Energy (MeV)

55

MAT 4861

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

48-Cd-118



48-Cd-118

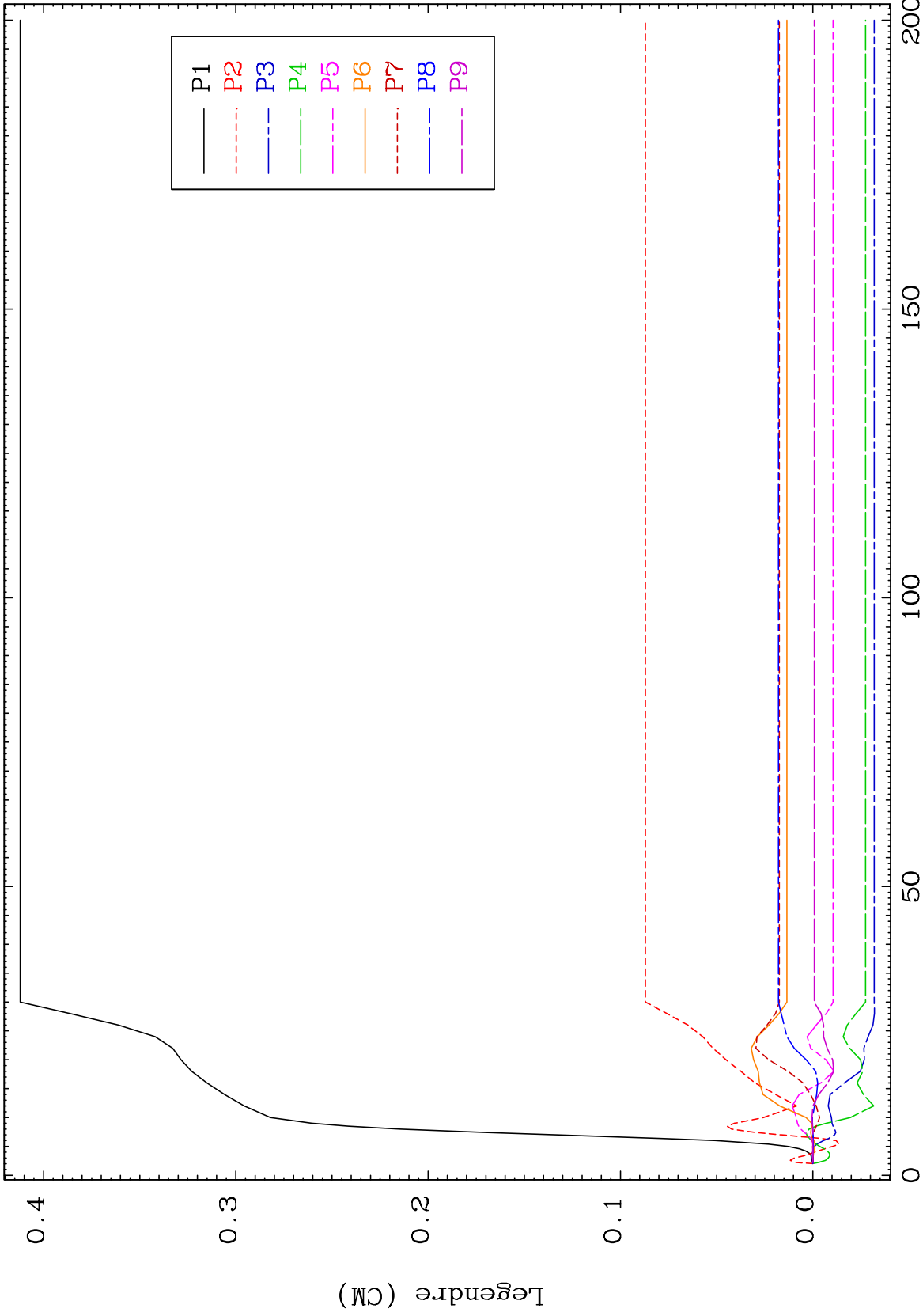
Incident Energy (MeV)

56

MAT 4861

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

48-Cd-118



57

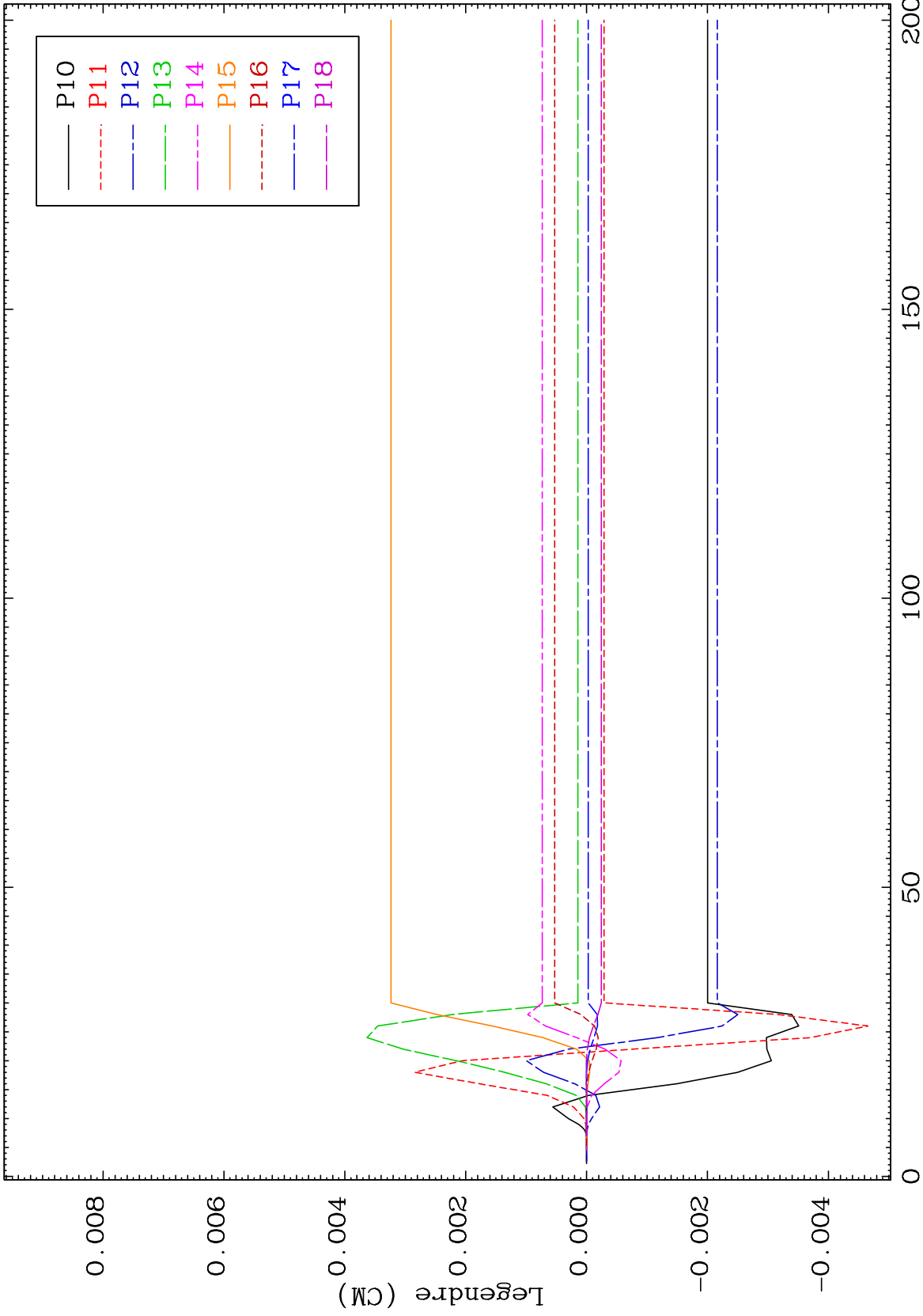
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



58

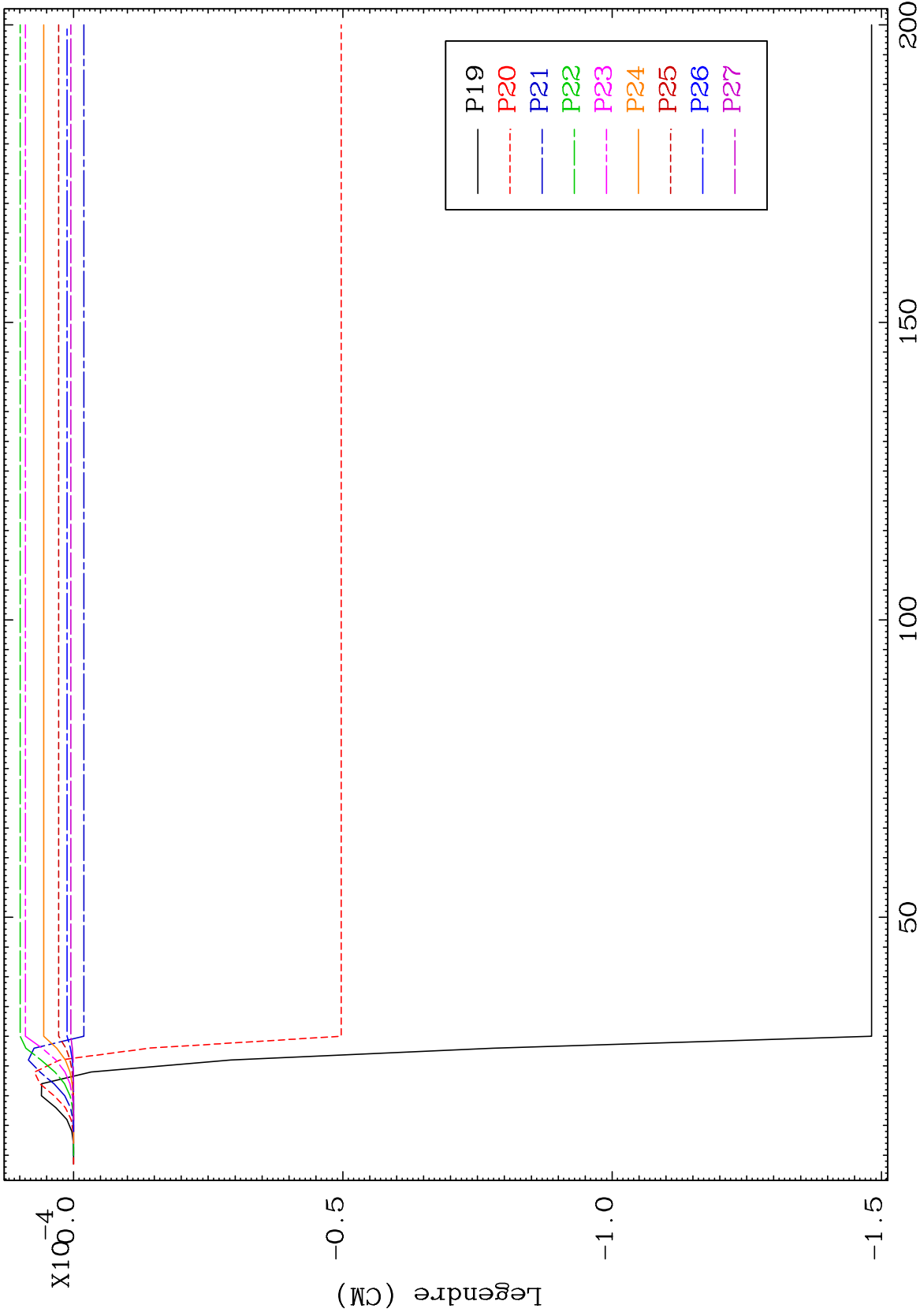
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



59

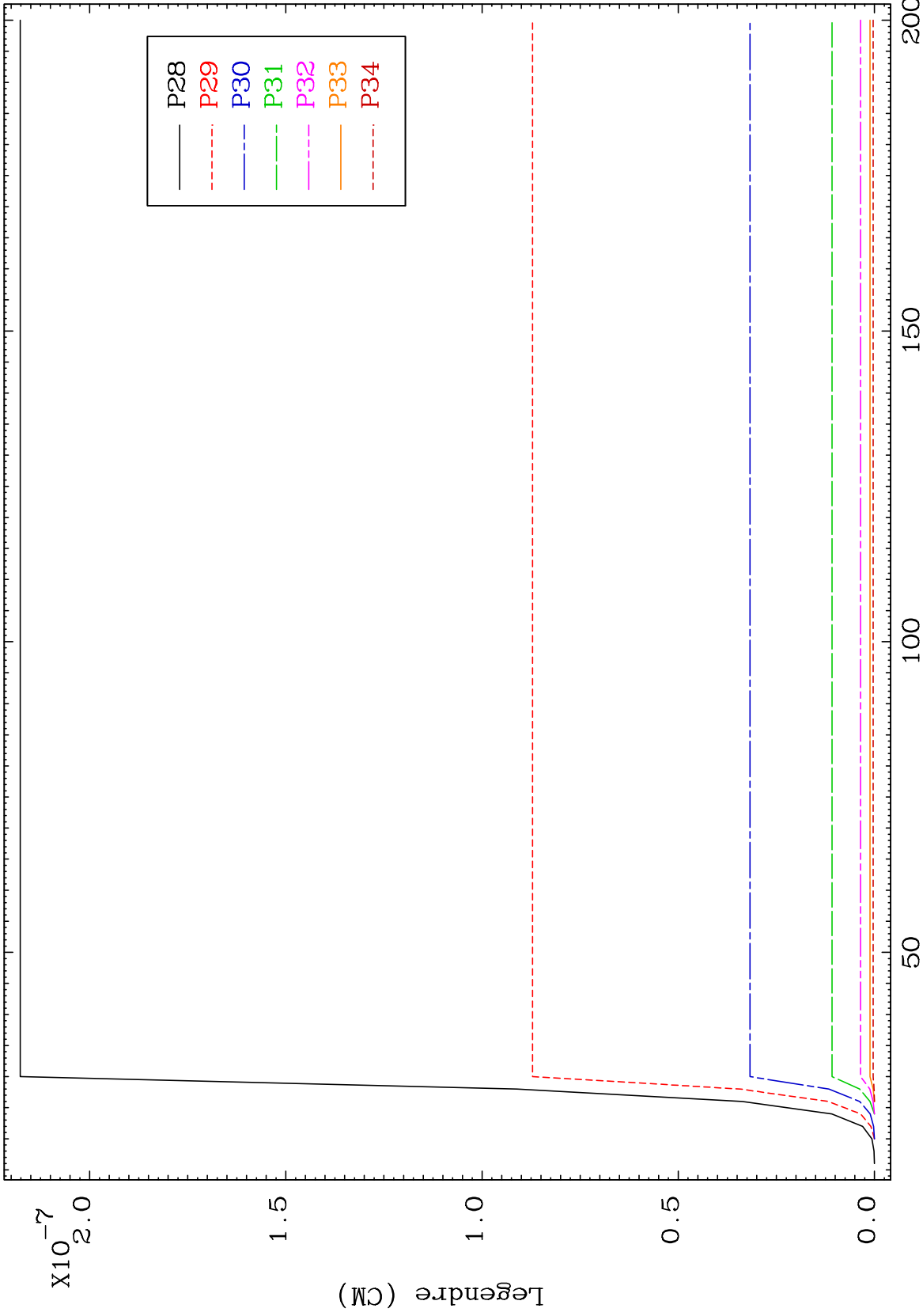
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



60

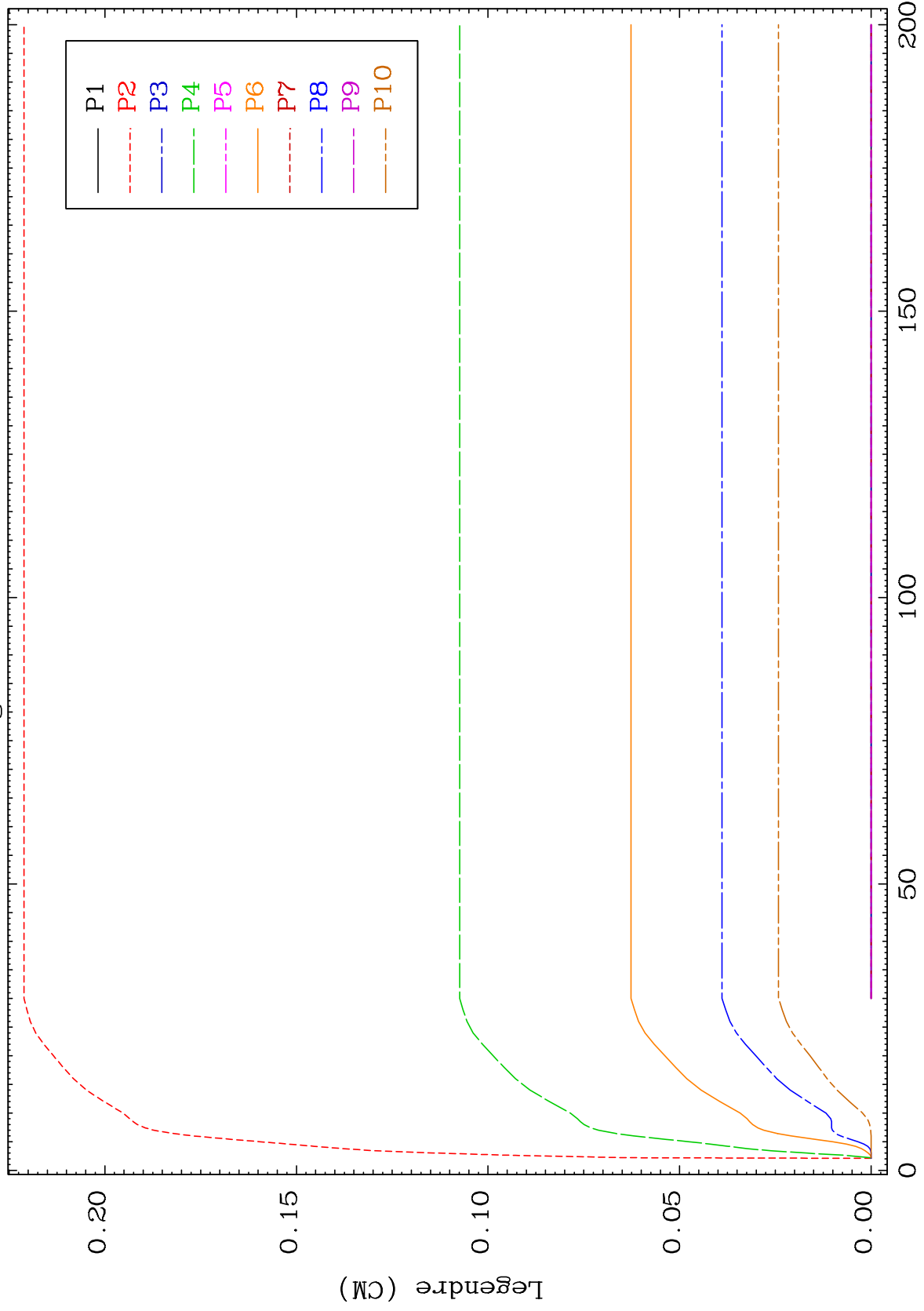
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

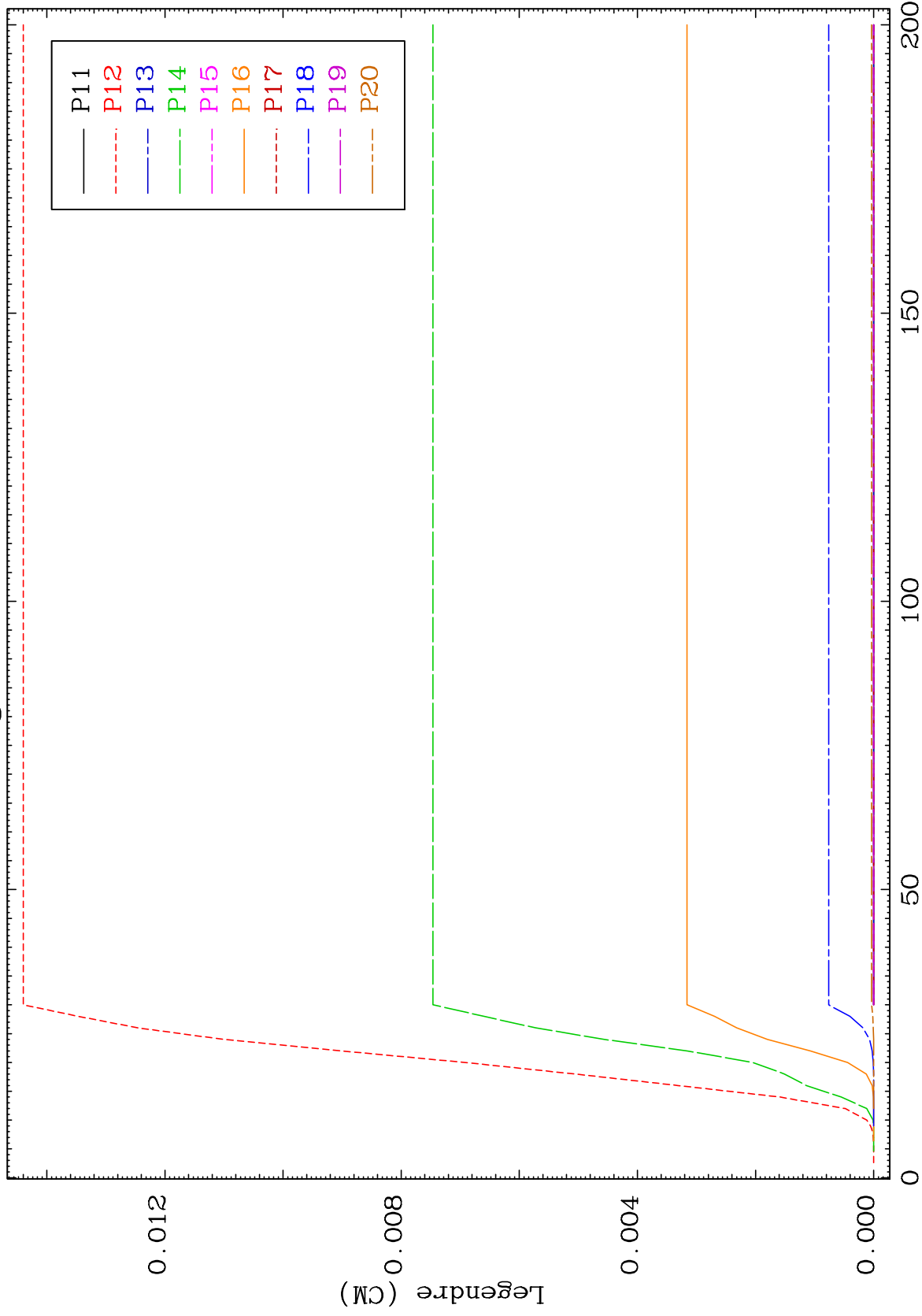
48-Cd-118



MAT 4861

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

48-Cd-118



62

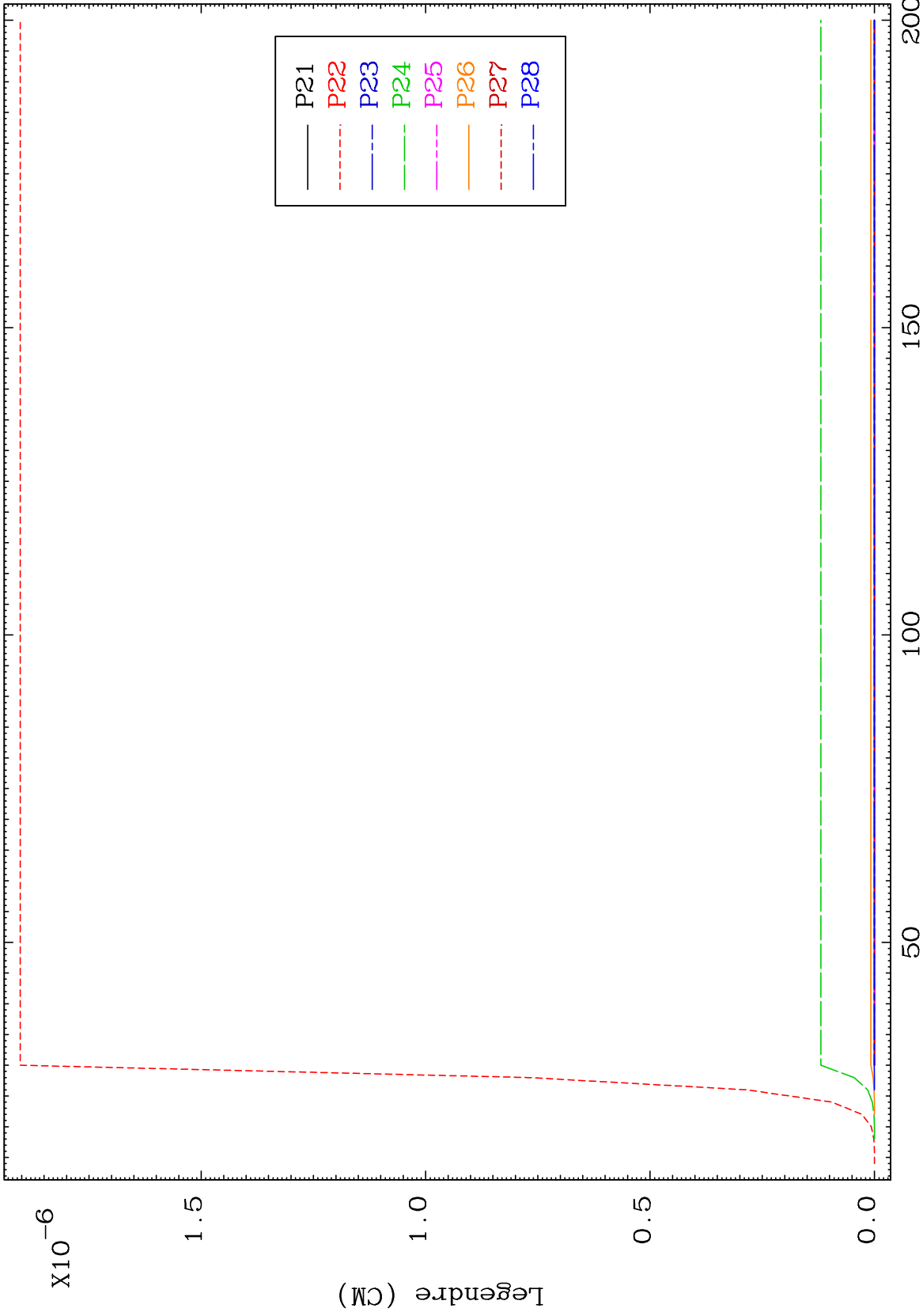
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118

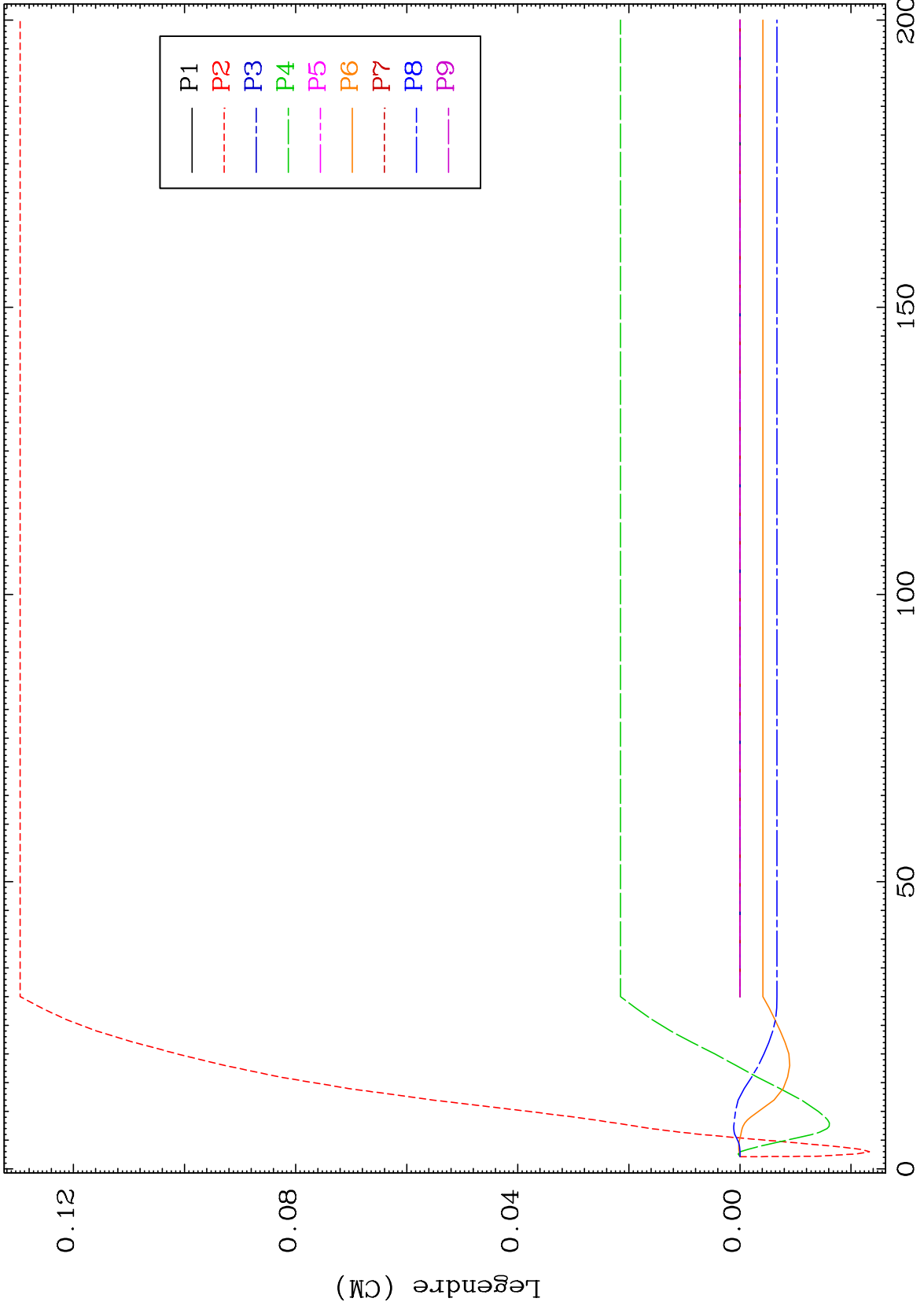


63

Incident Energy (MeV)

48-Cd-118

MAT 4861 MT= 63 (n,n') Level Legendre Coefficients 48-Cd-118

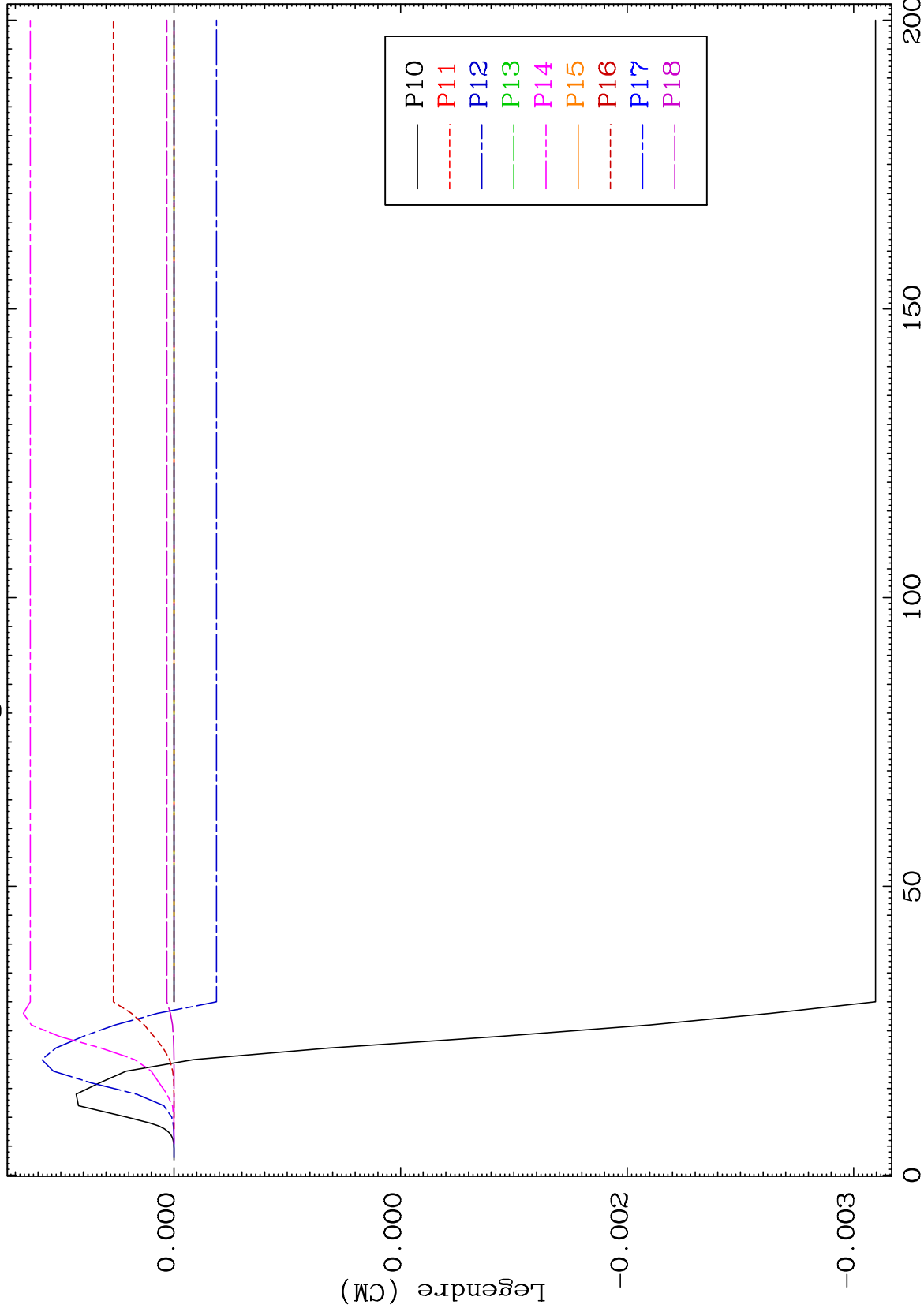


64 48-Cd-118

MAT 4861

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

48-Cd-118



65

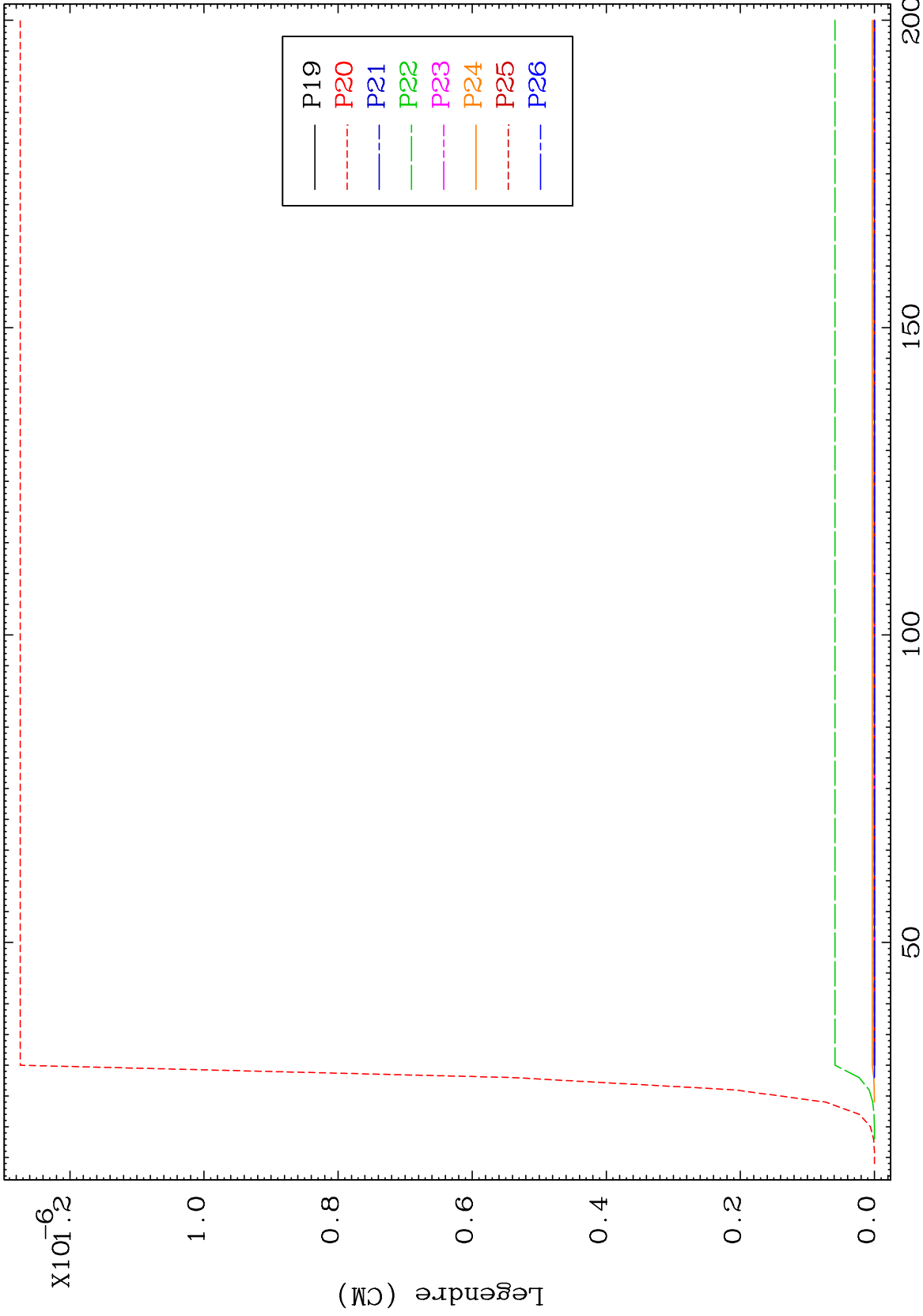
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



66

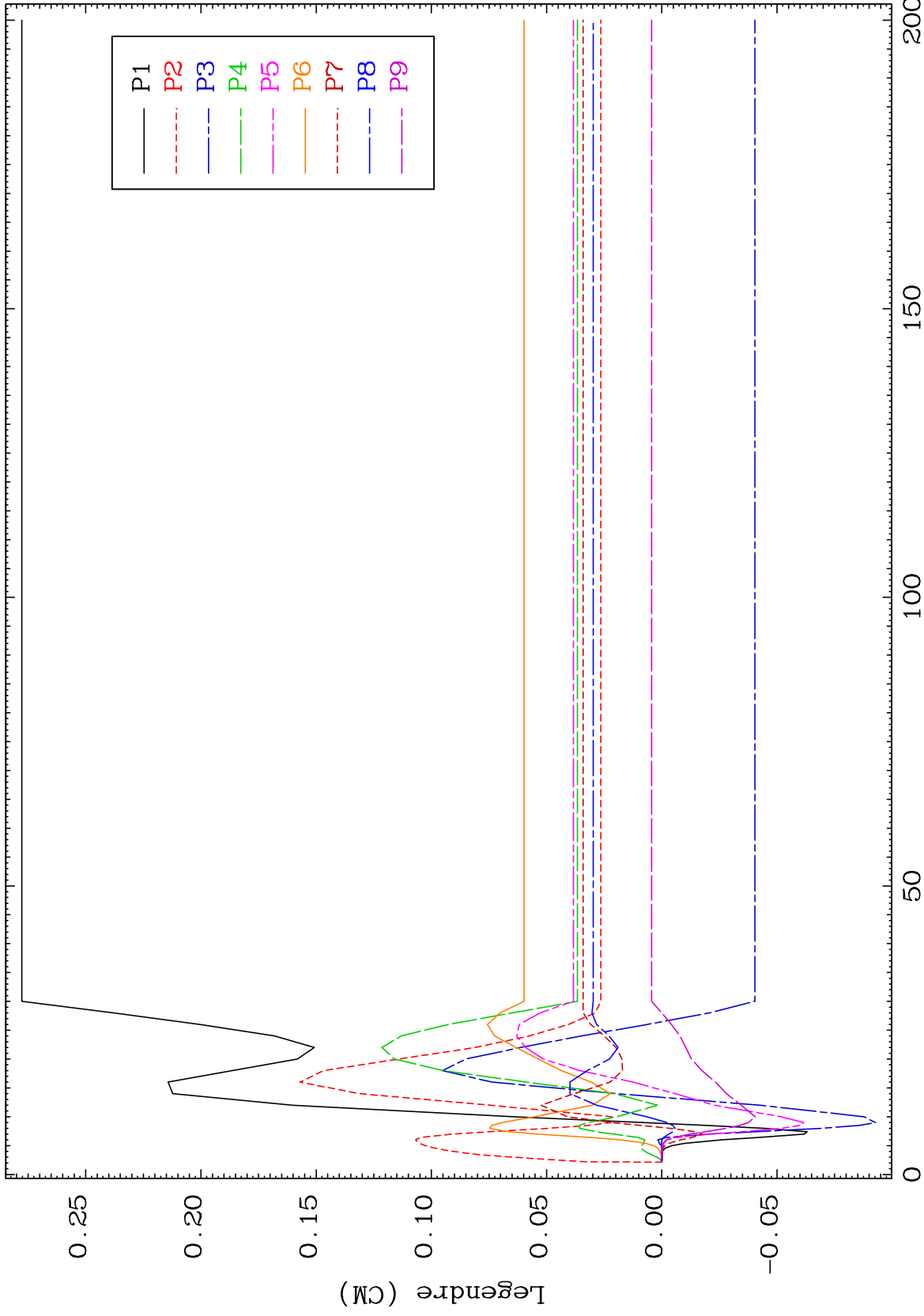
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



67

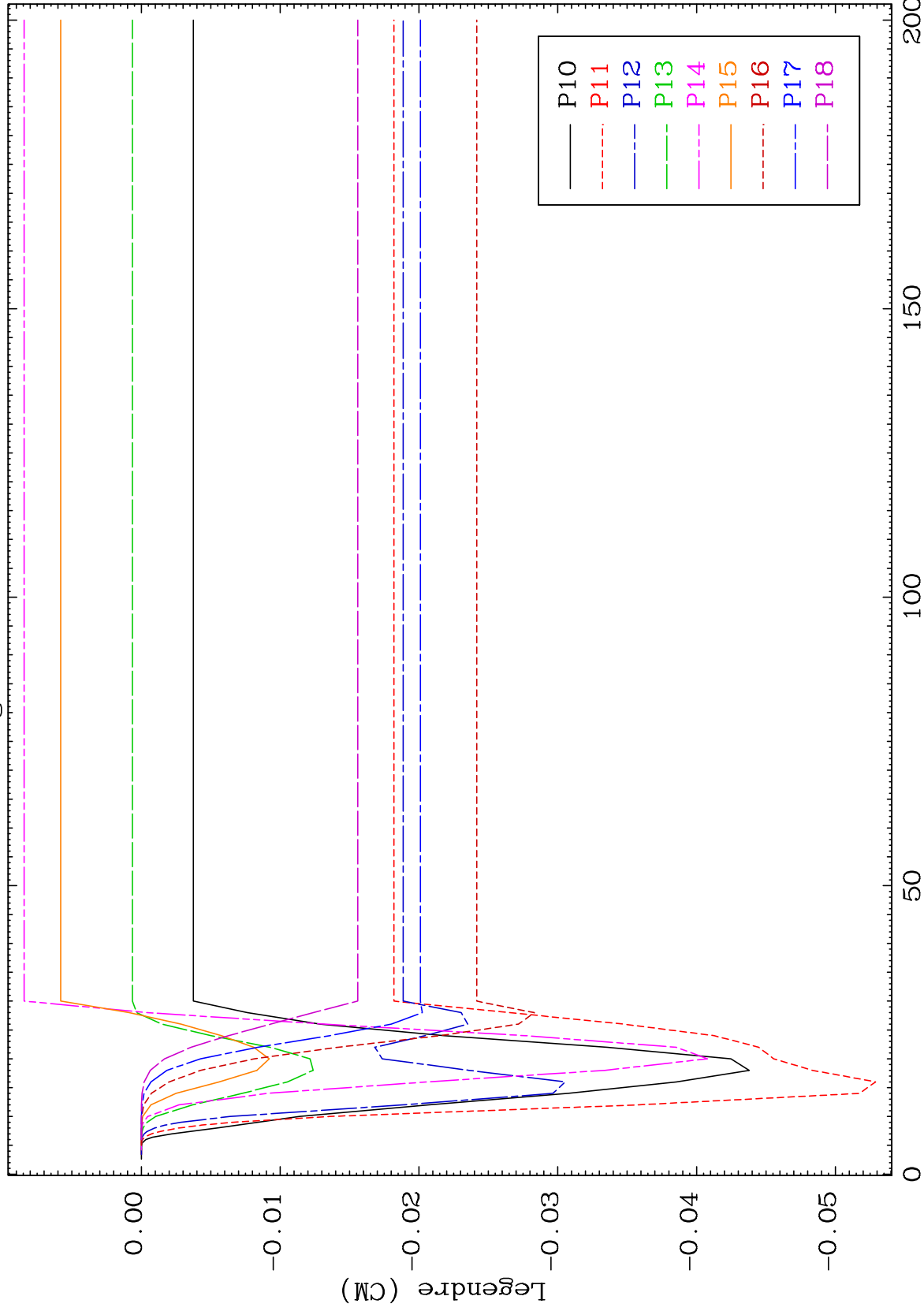
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



68

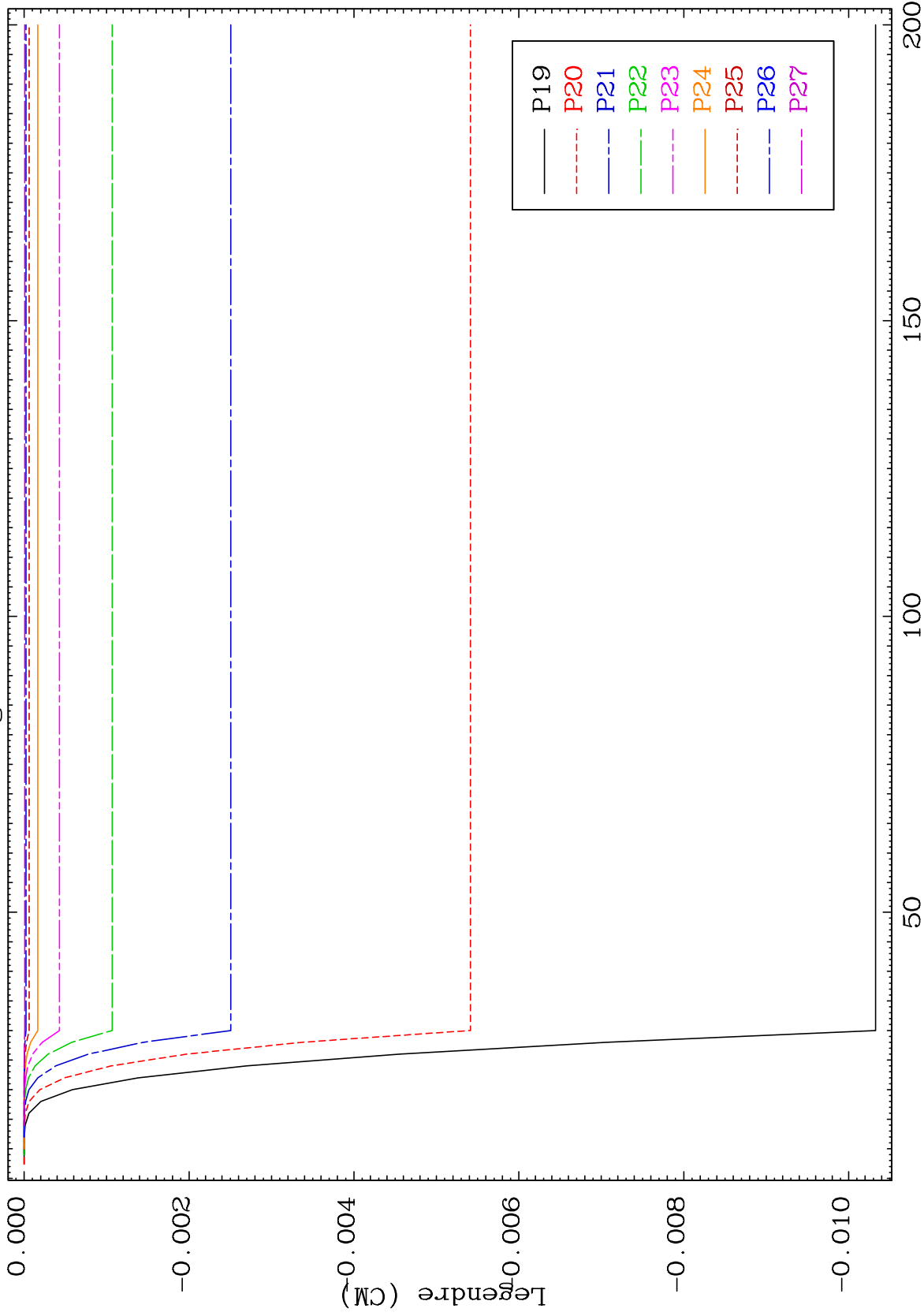
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



69

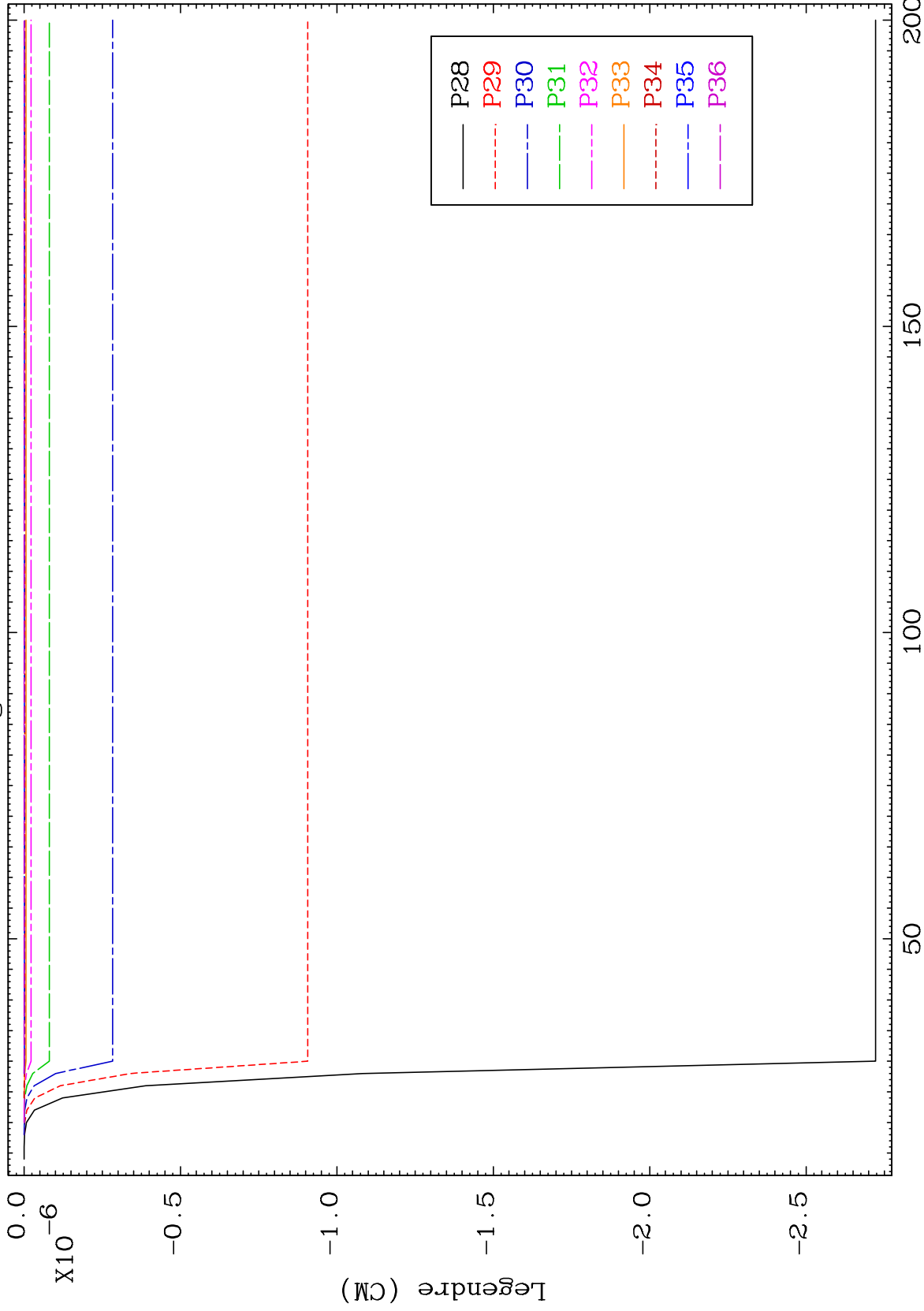
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



70

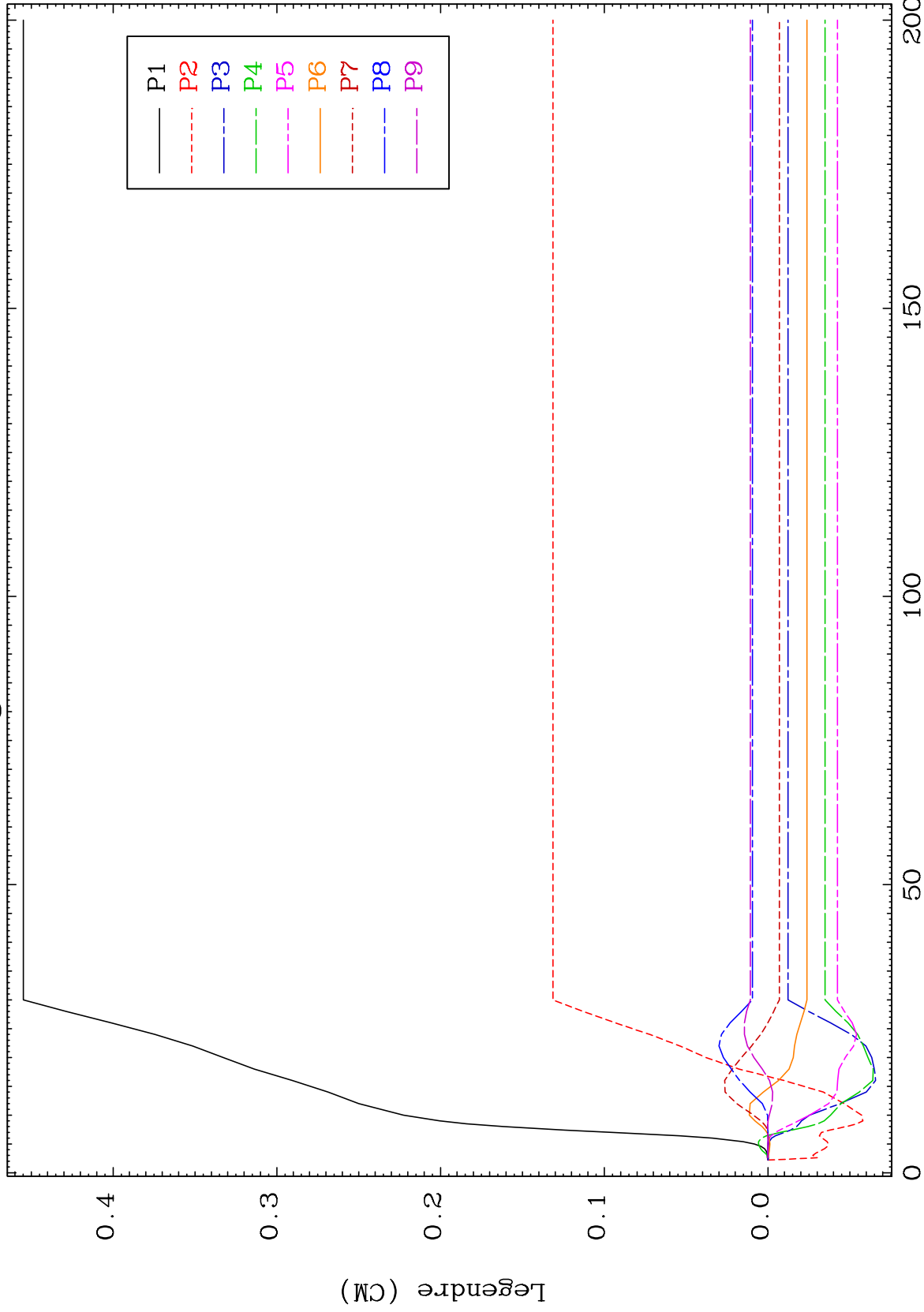
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



71

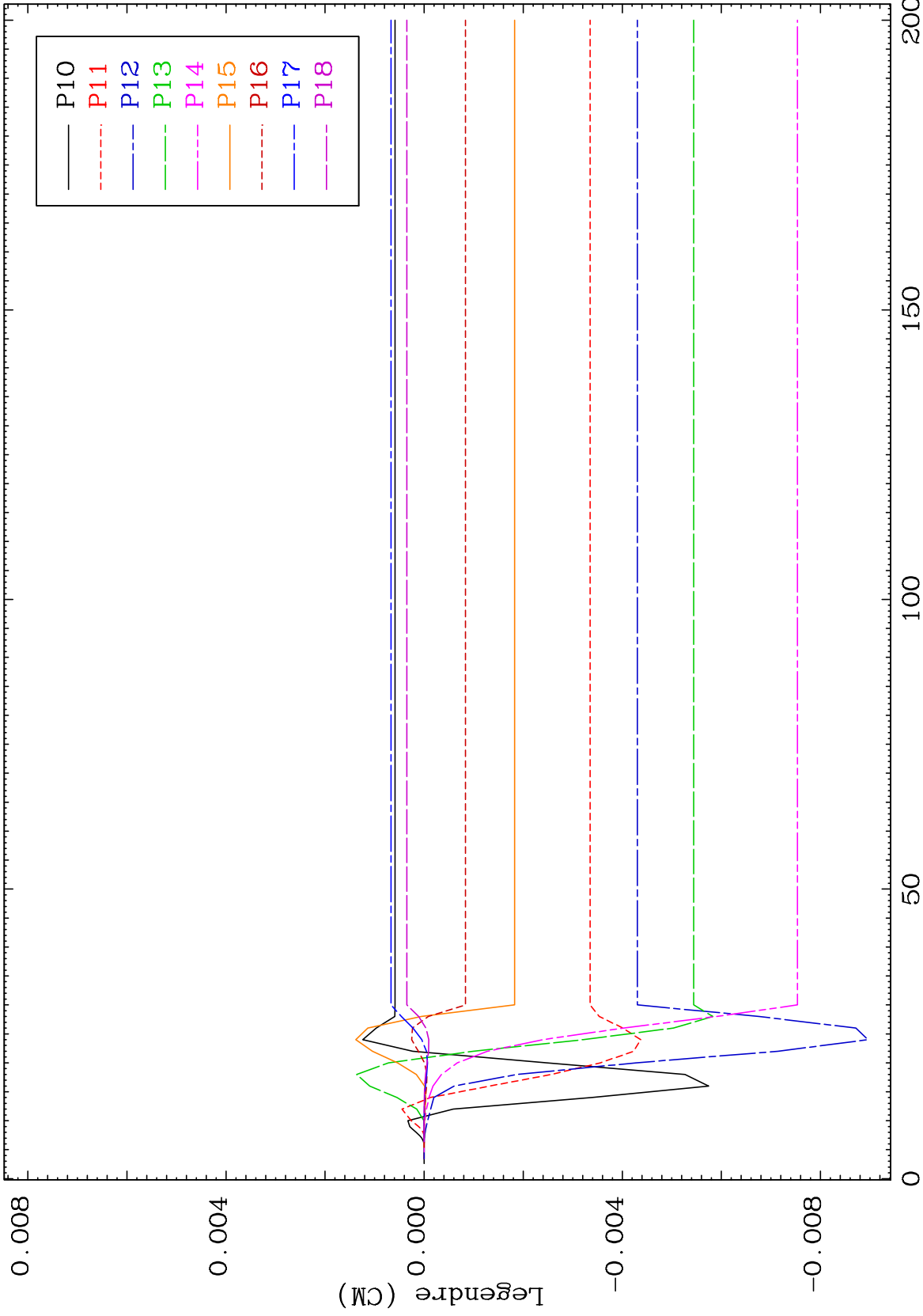
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



72

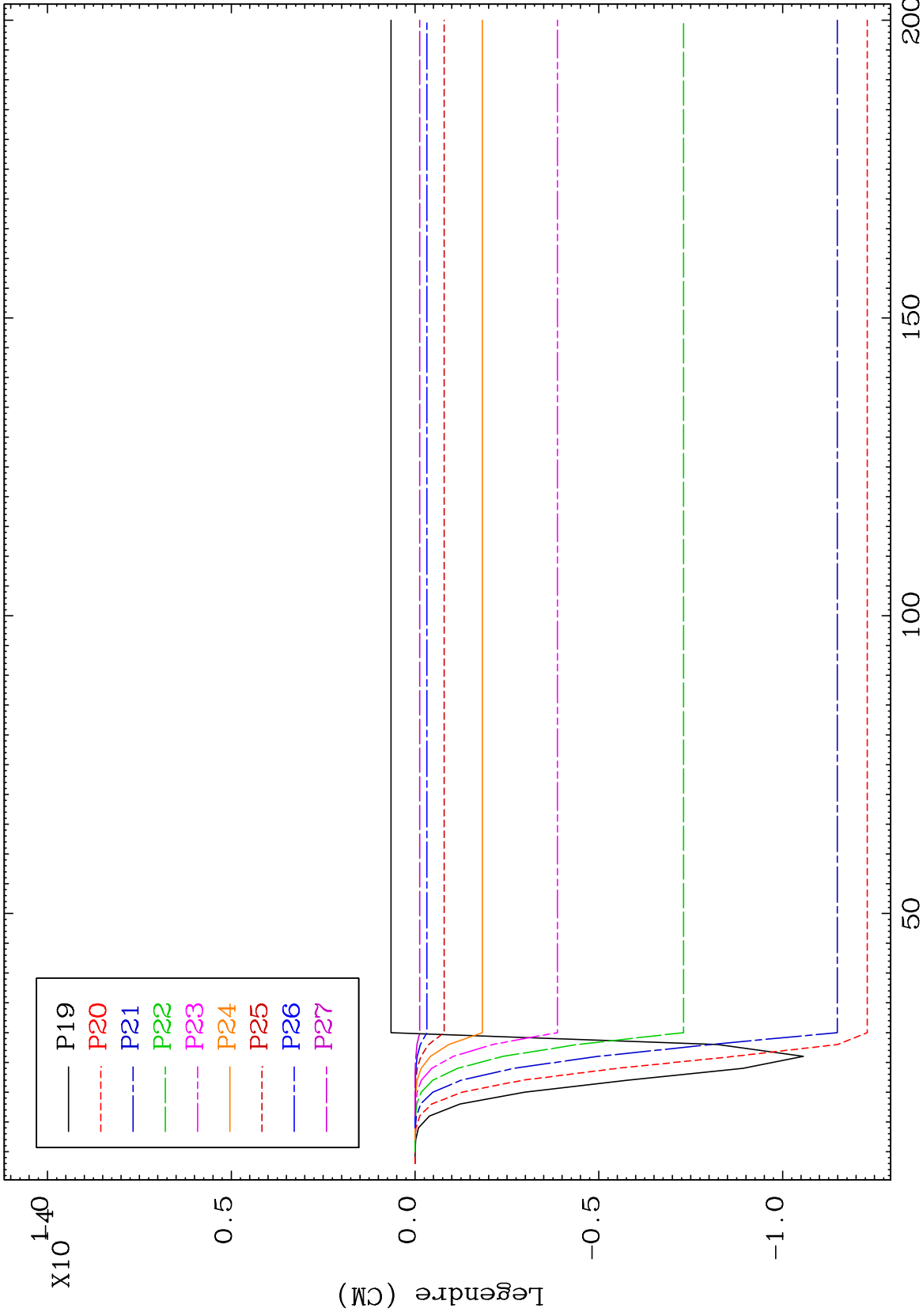
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



73

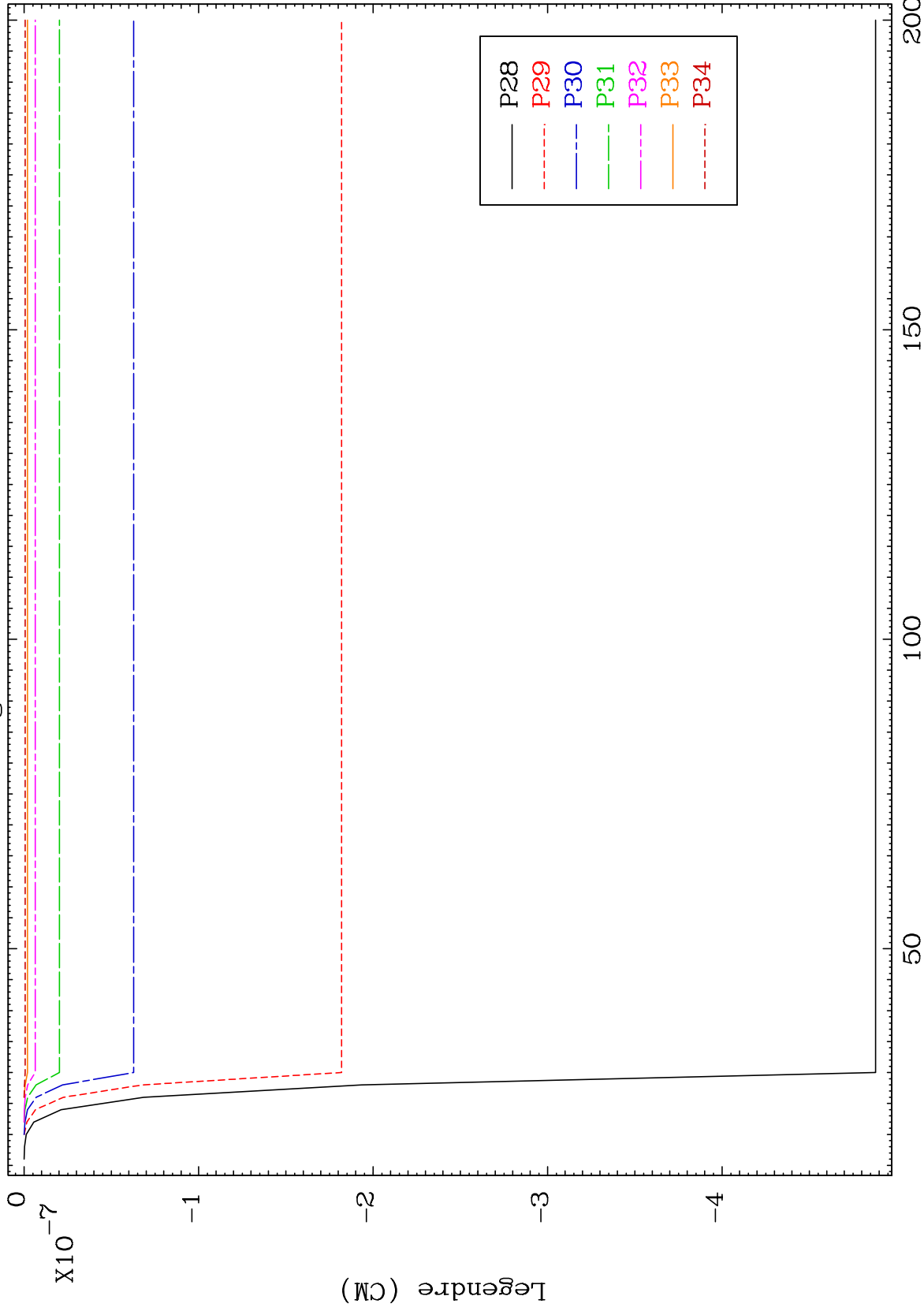
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

Incident Energy (MeV)

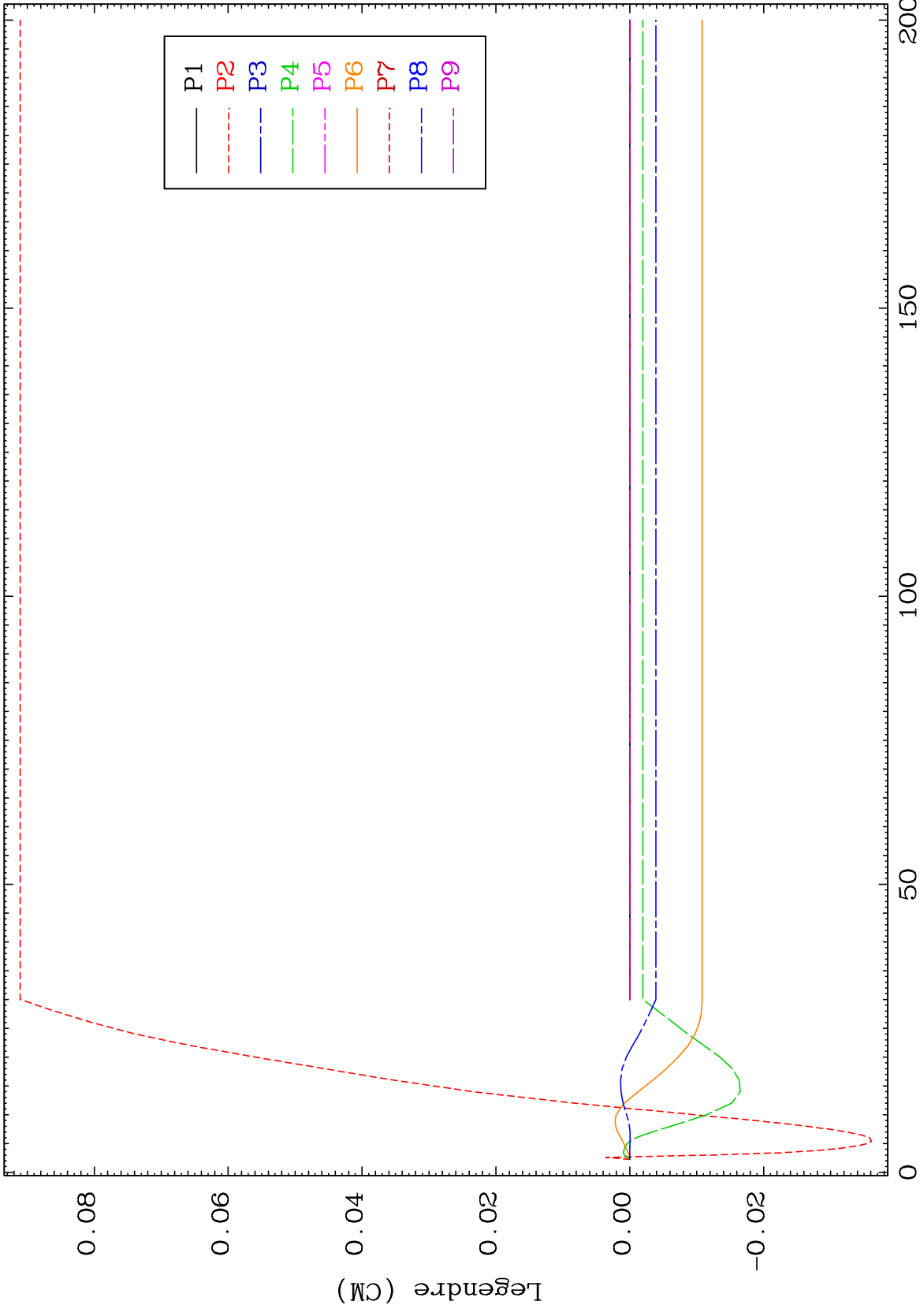
74

MAT 4861

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

48-Cd-118

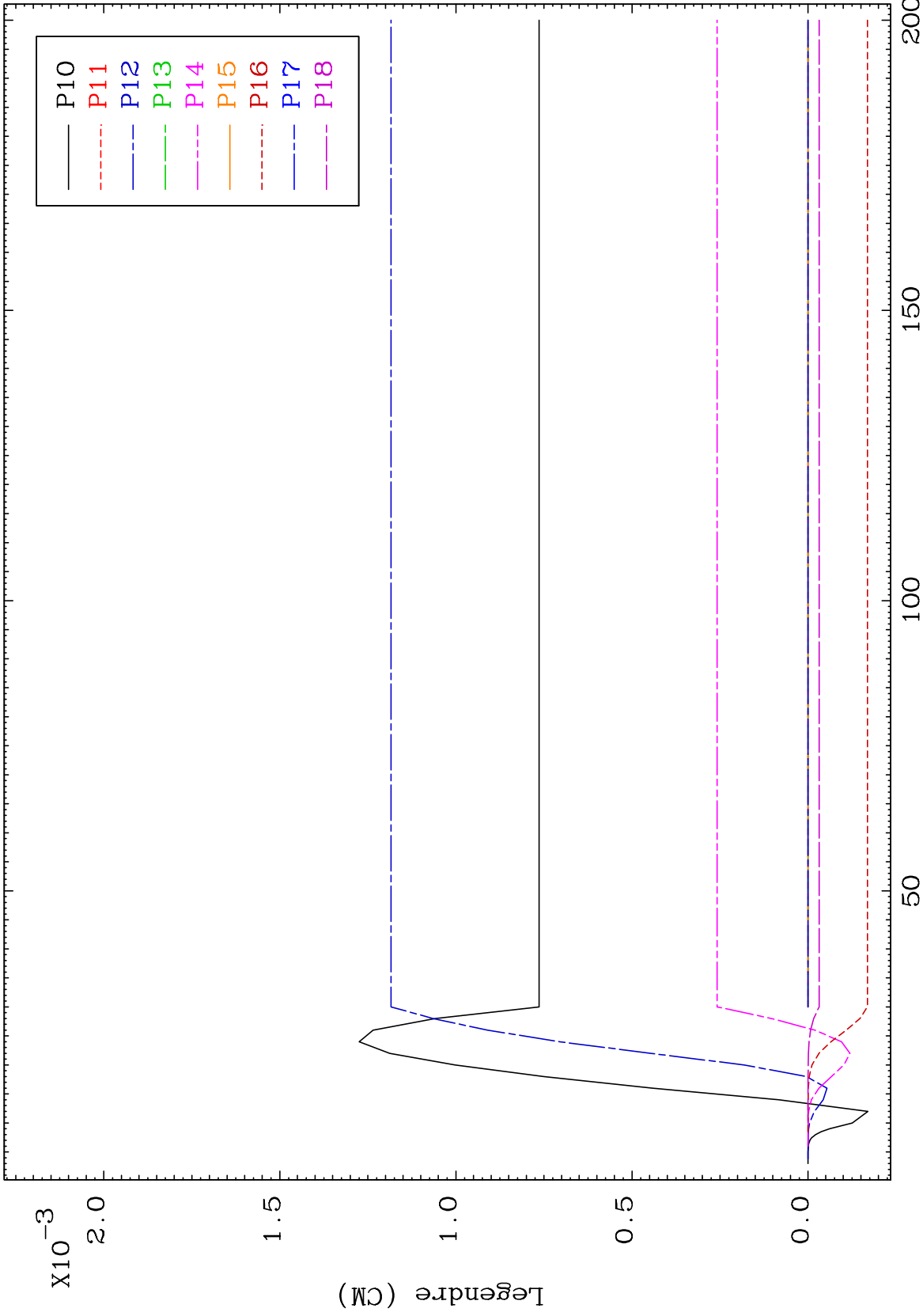
48-Cd-118



MAT 4861

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

48-Cd-118



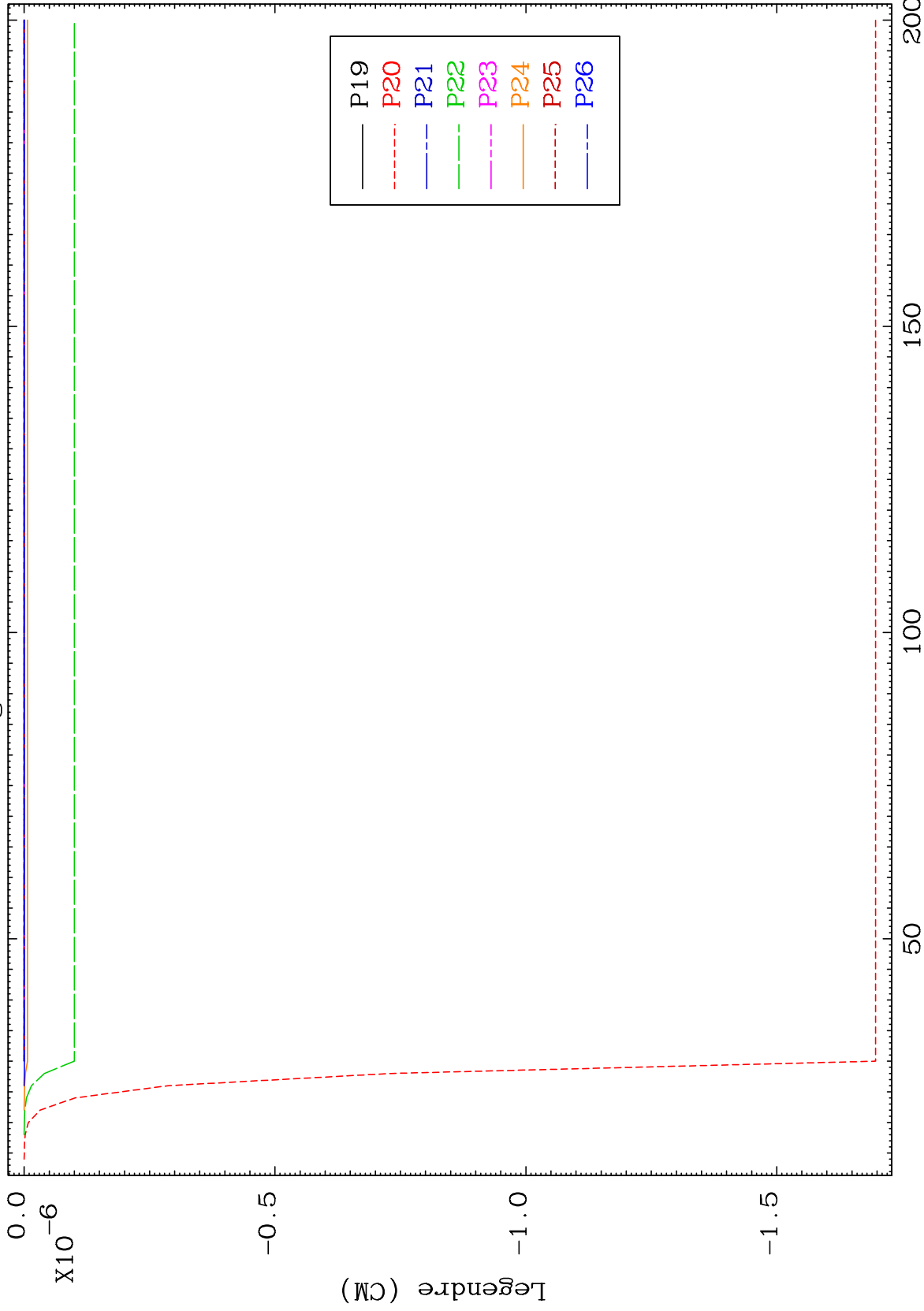
76

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

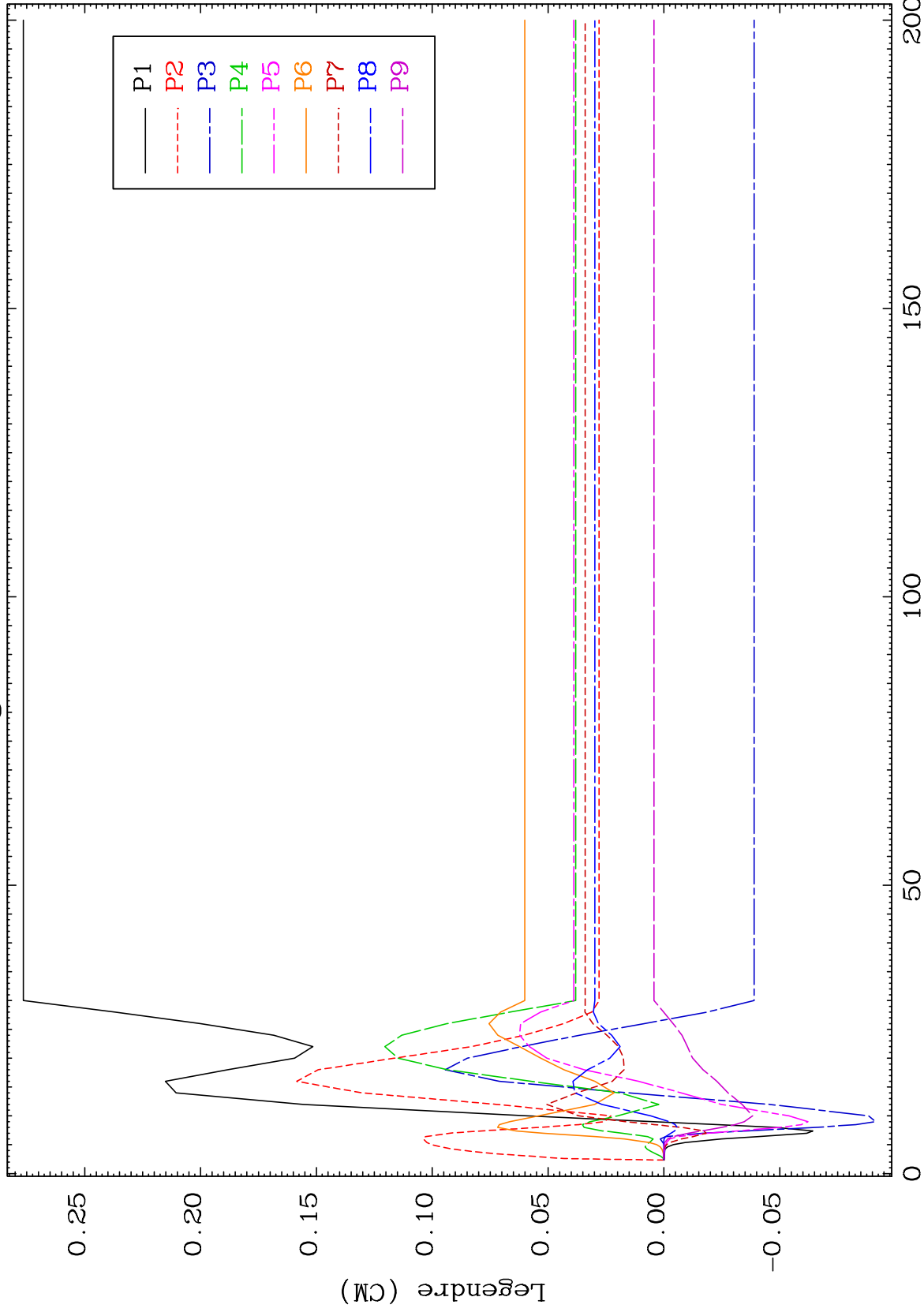
Incident Energy (MeV)

77

MAT 4861

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

48-Cd-118



78

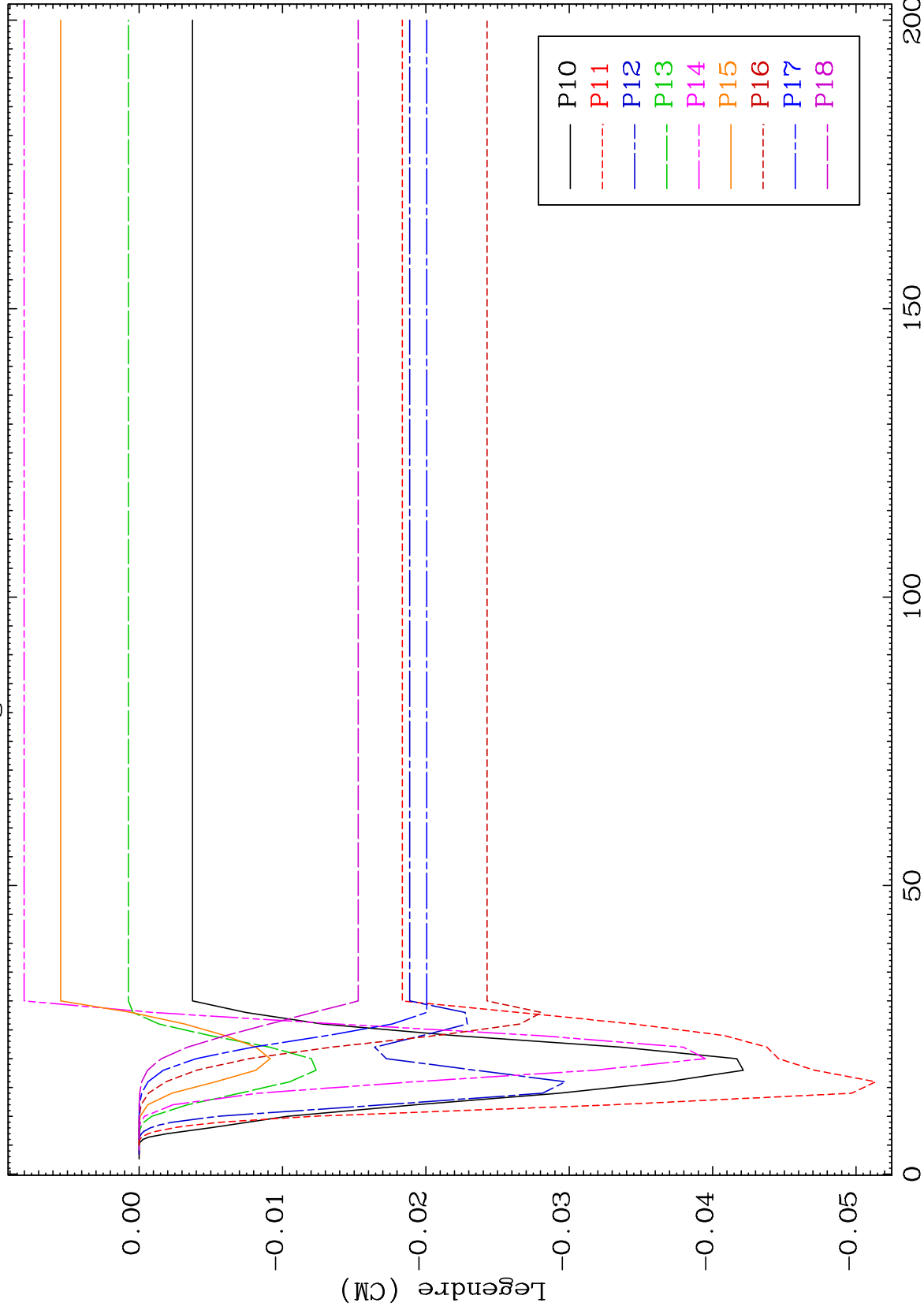
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



79

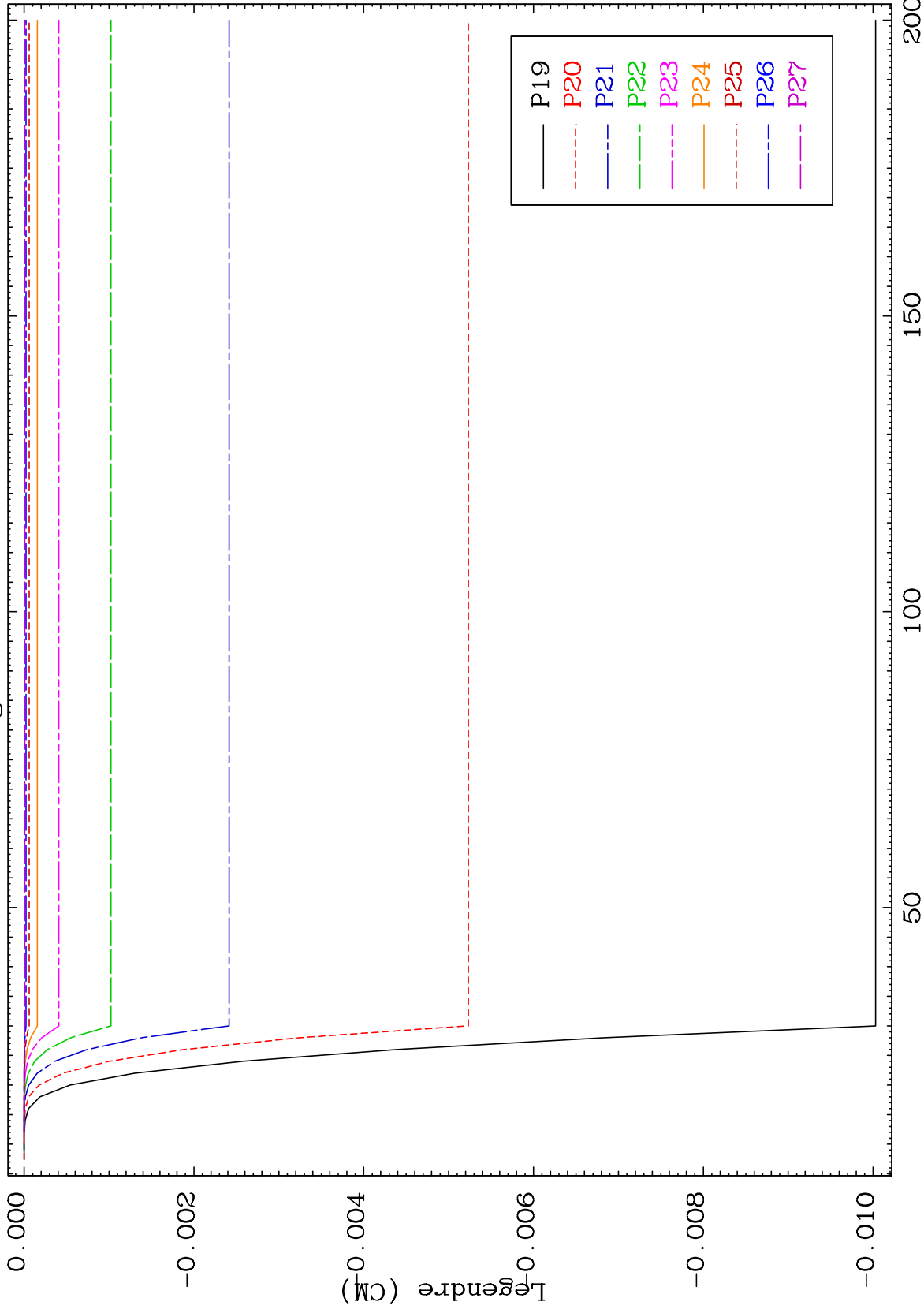
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

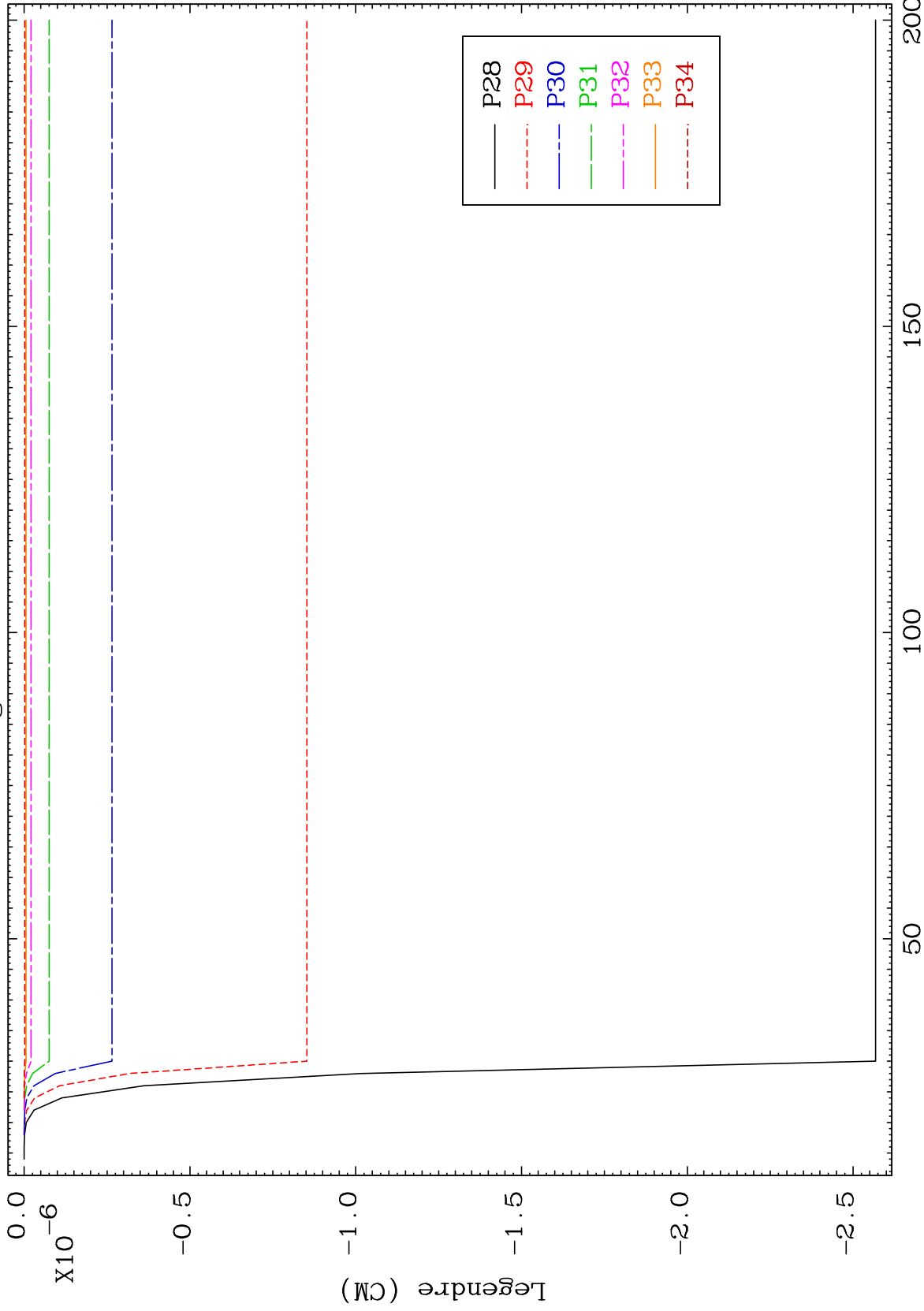
Incident Energy (MeV)

80

MAT 4861

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

48-Cd-118



81

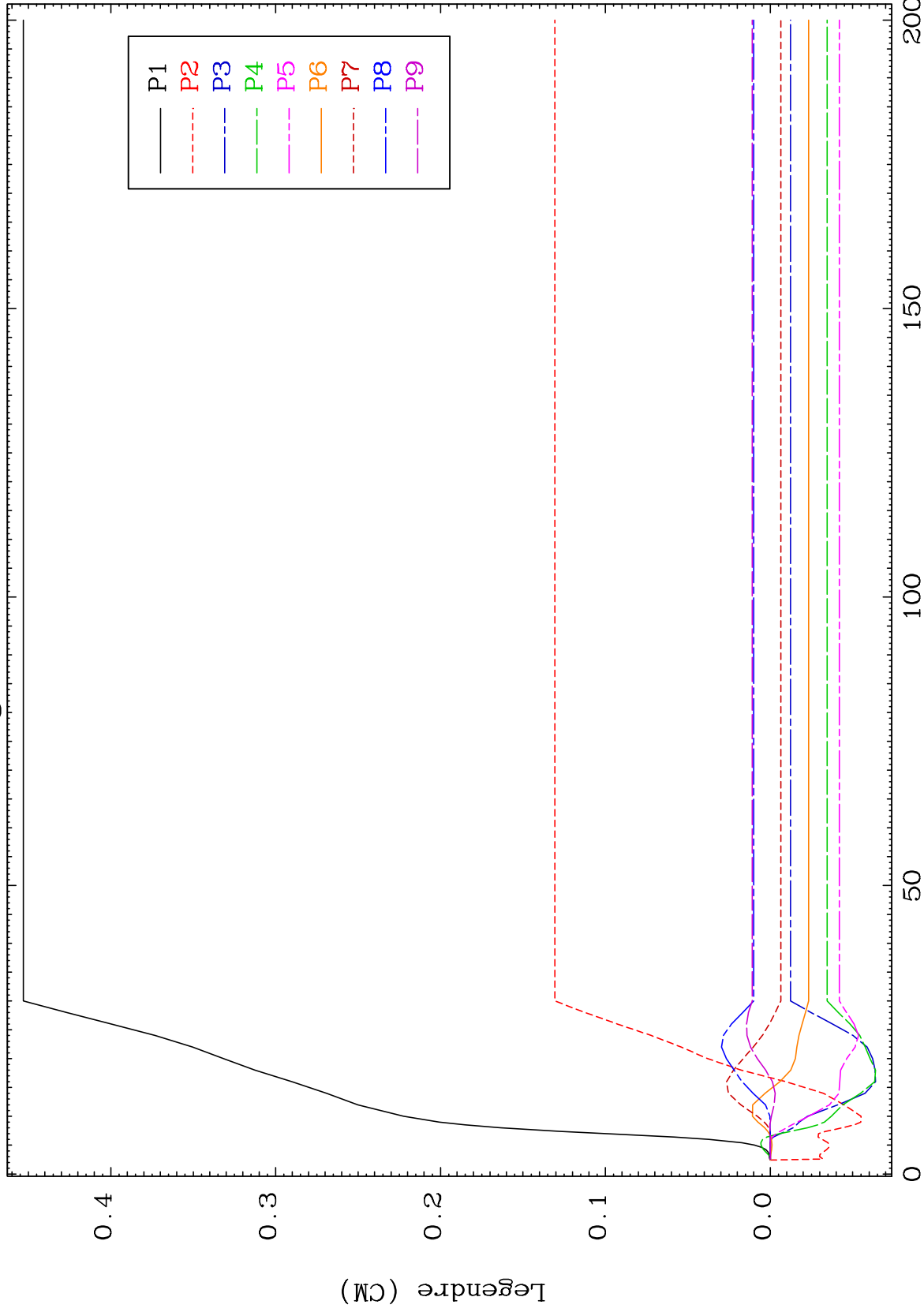
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



82

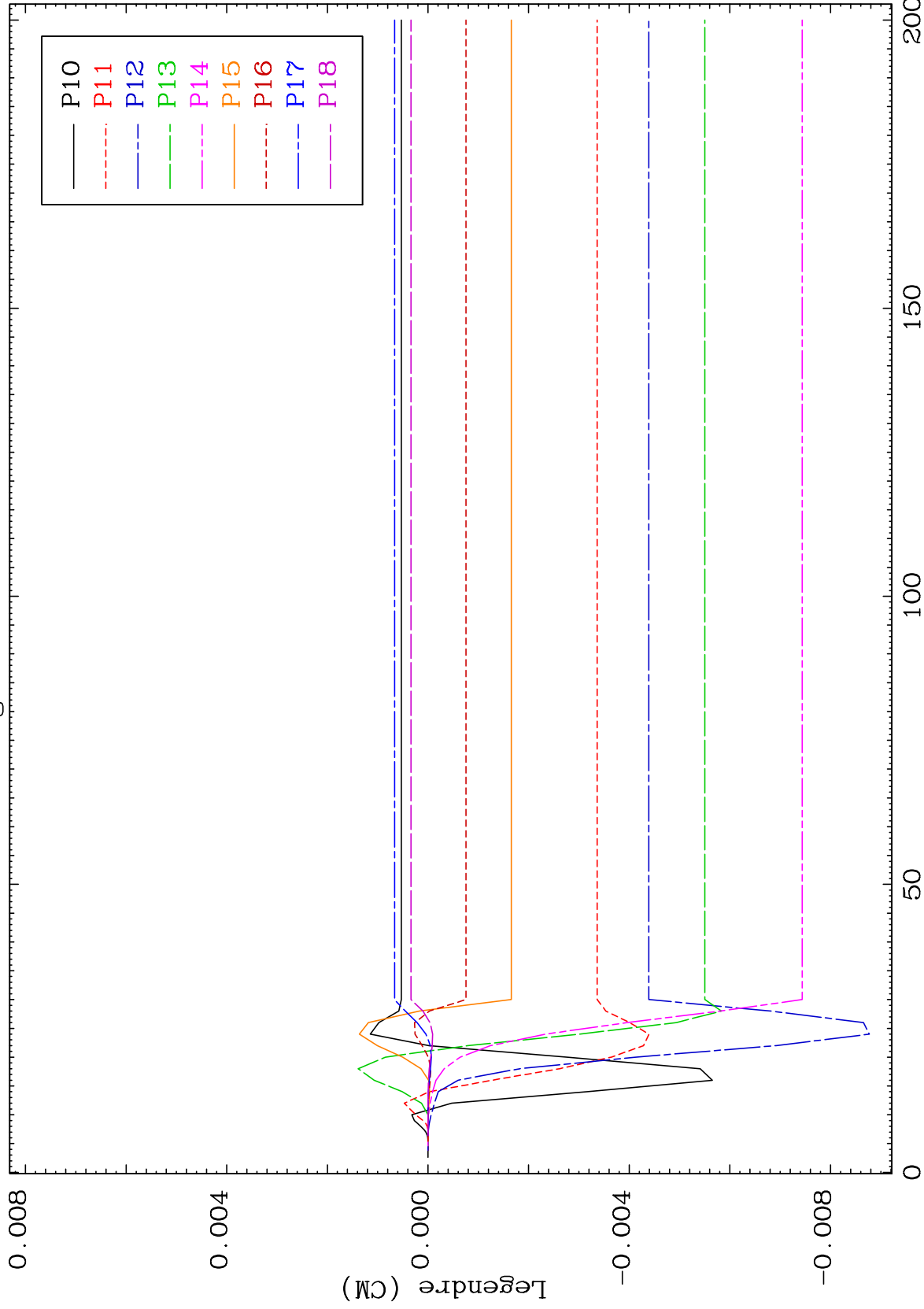
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



83

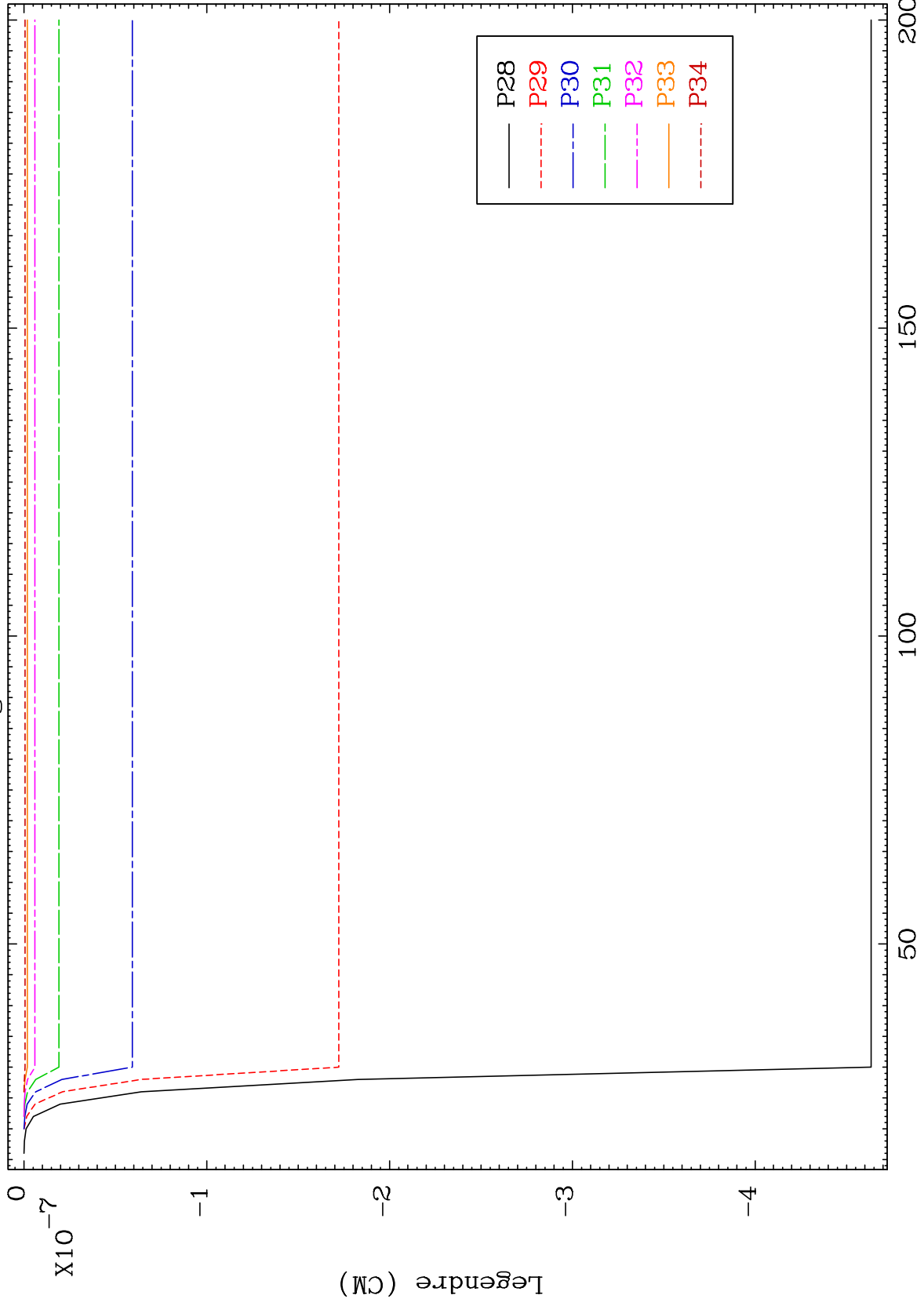
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



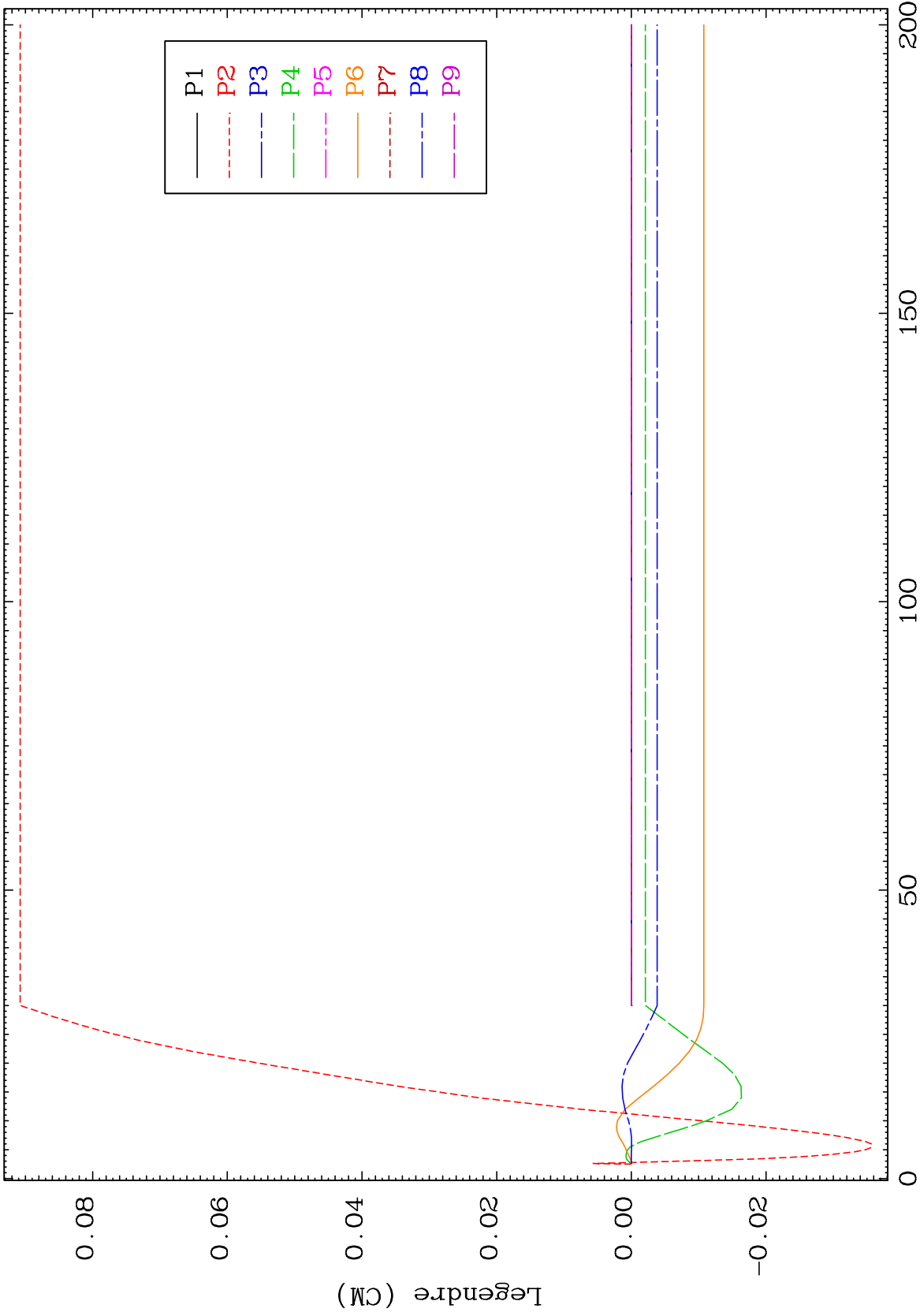
85

48-Cd-118

MAT 4861

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

48-Cd-118



86

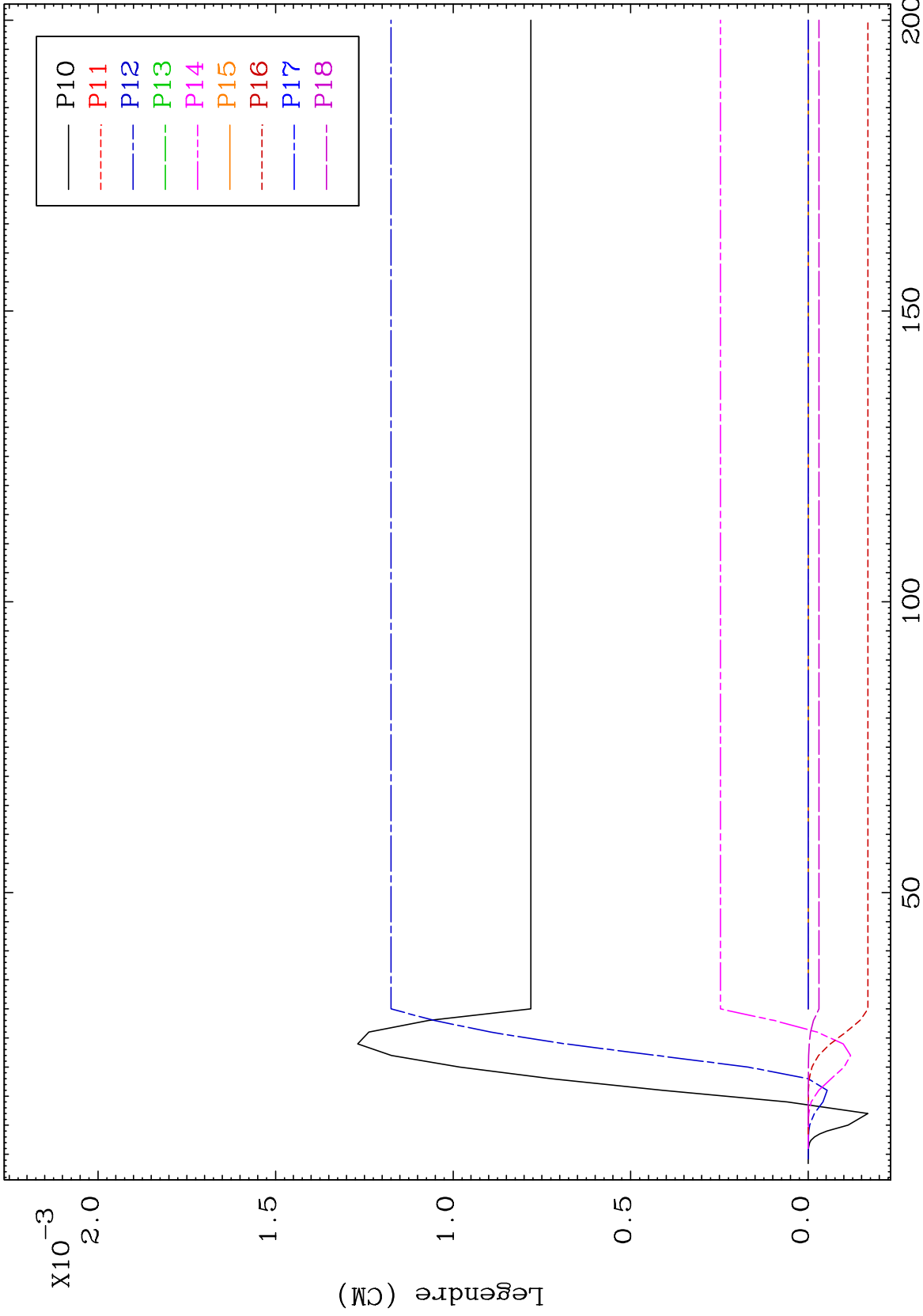
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



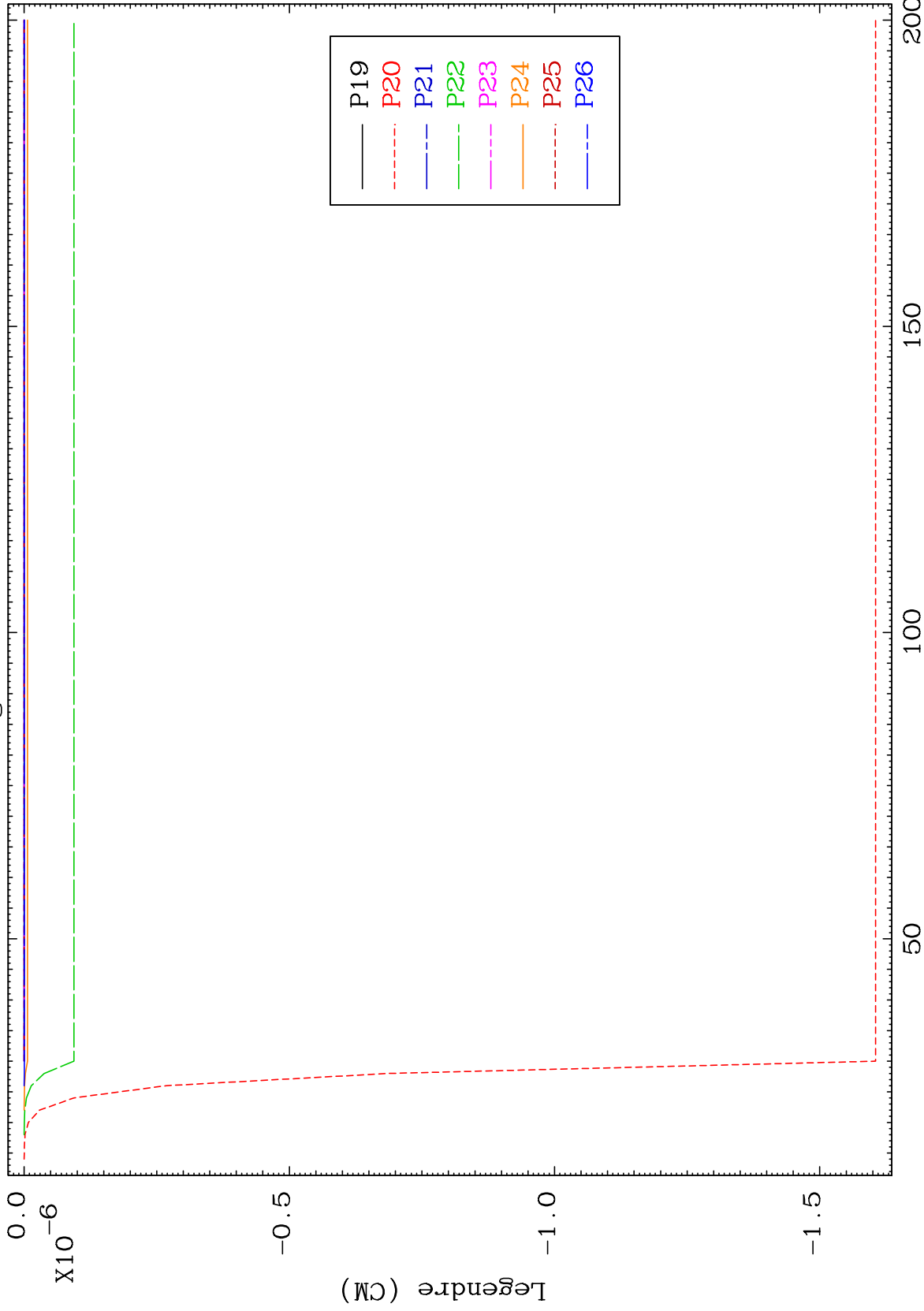
87

48-Cd-118

MAT 4861

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

48-Cd-118



88

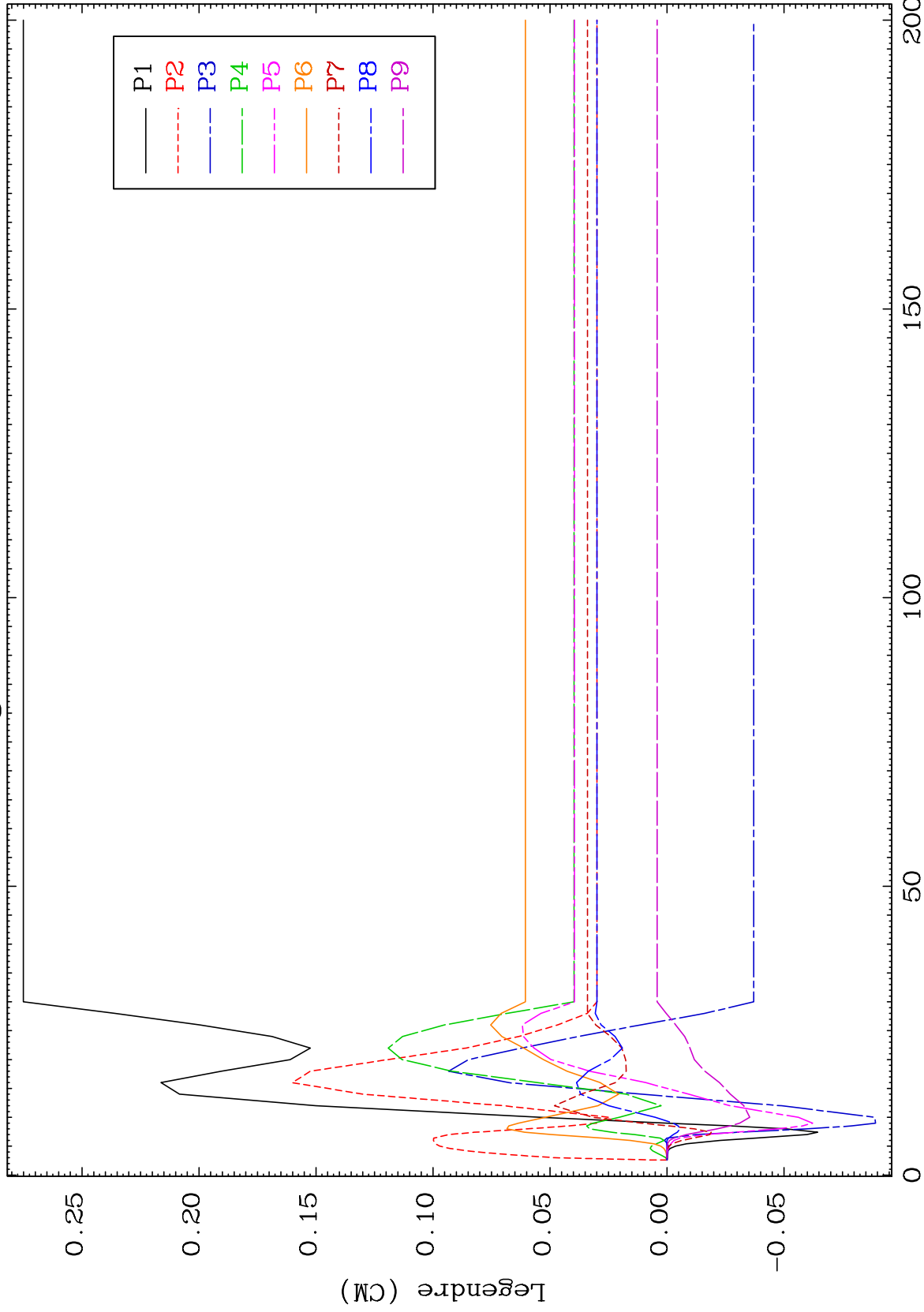
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



89

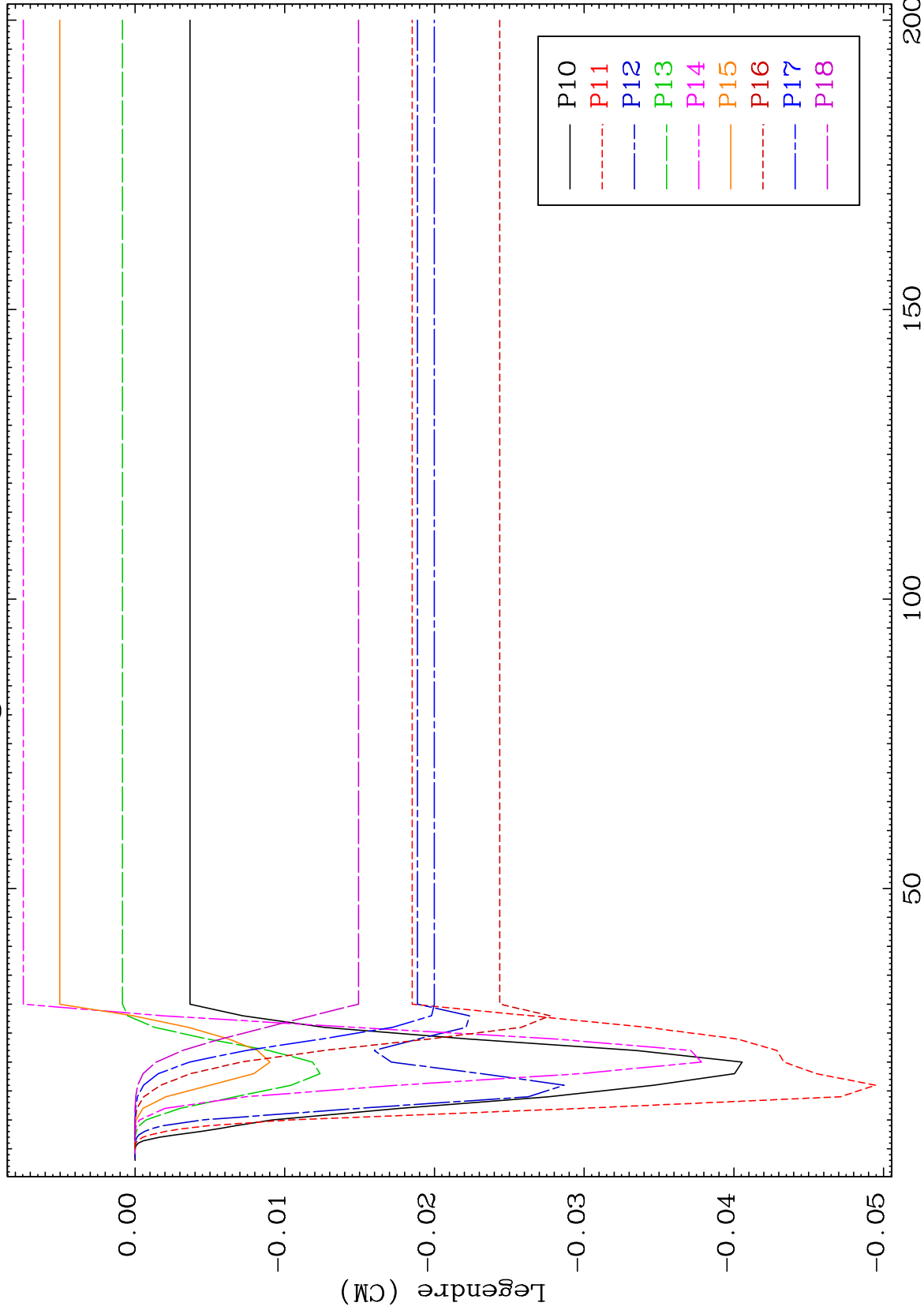
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



90

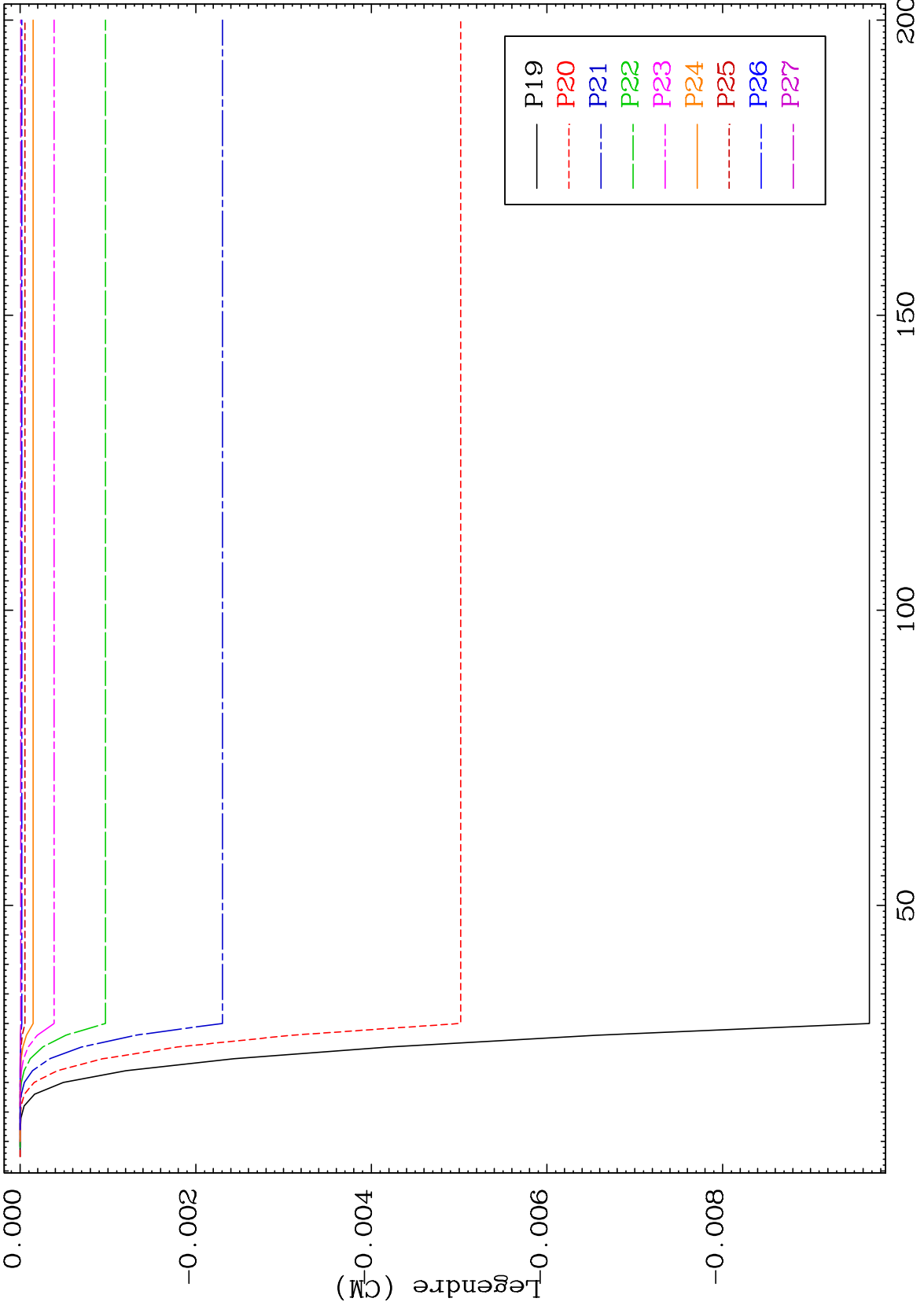
Incident Energy (MeV)

150

200

48-Cd-118

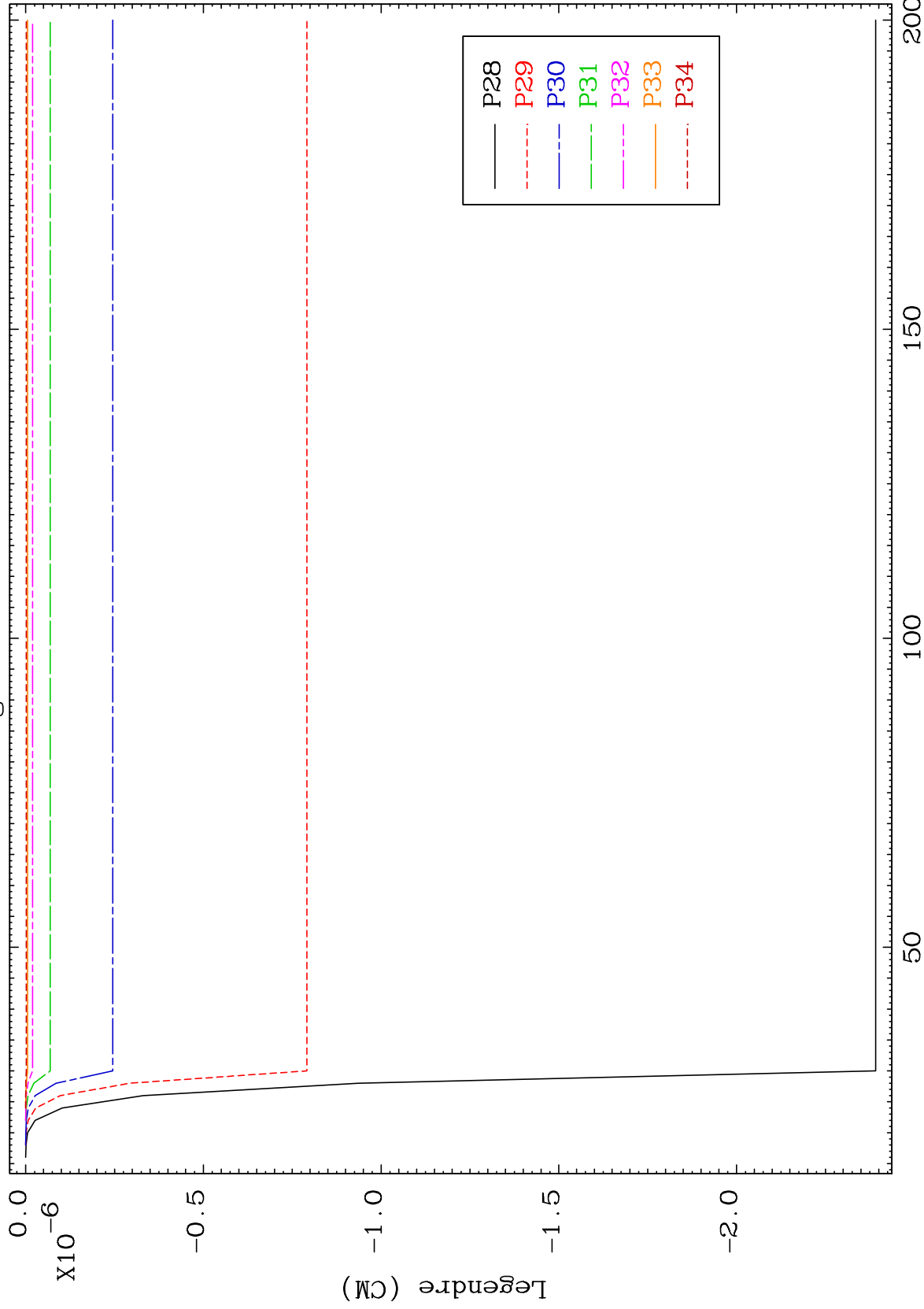
MAT 4861 MT= 70 (n,n') Level Legendre Coefficients 48-Cd-118



MAT 4861

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

48-Cd-118



92

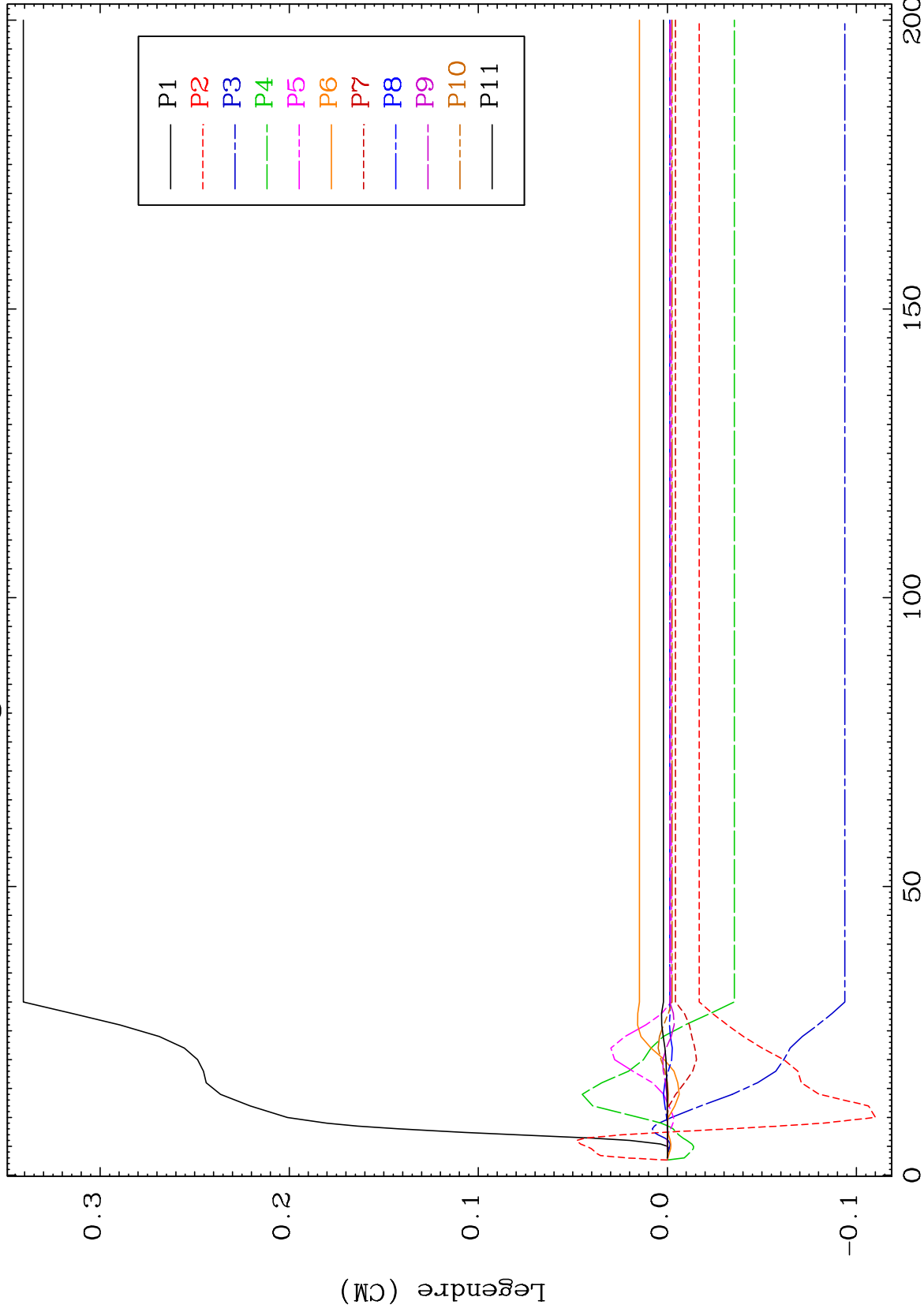
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



93

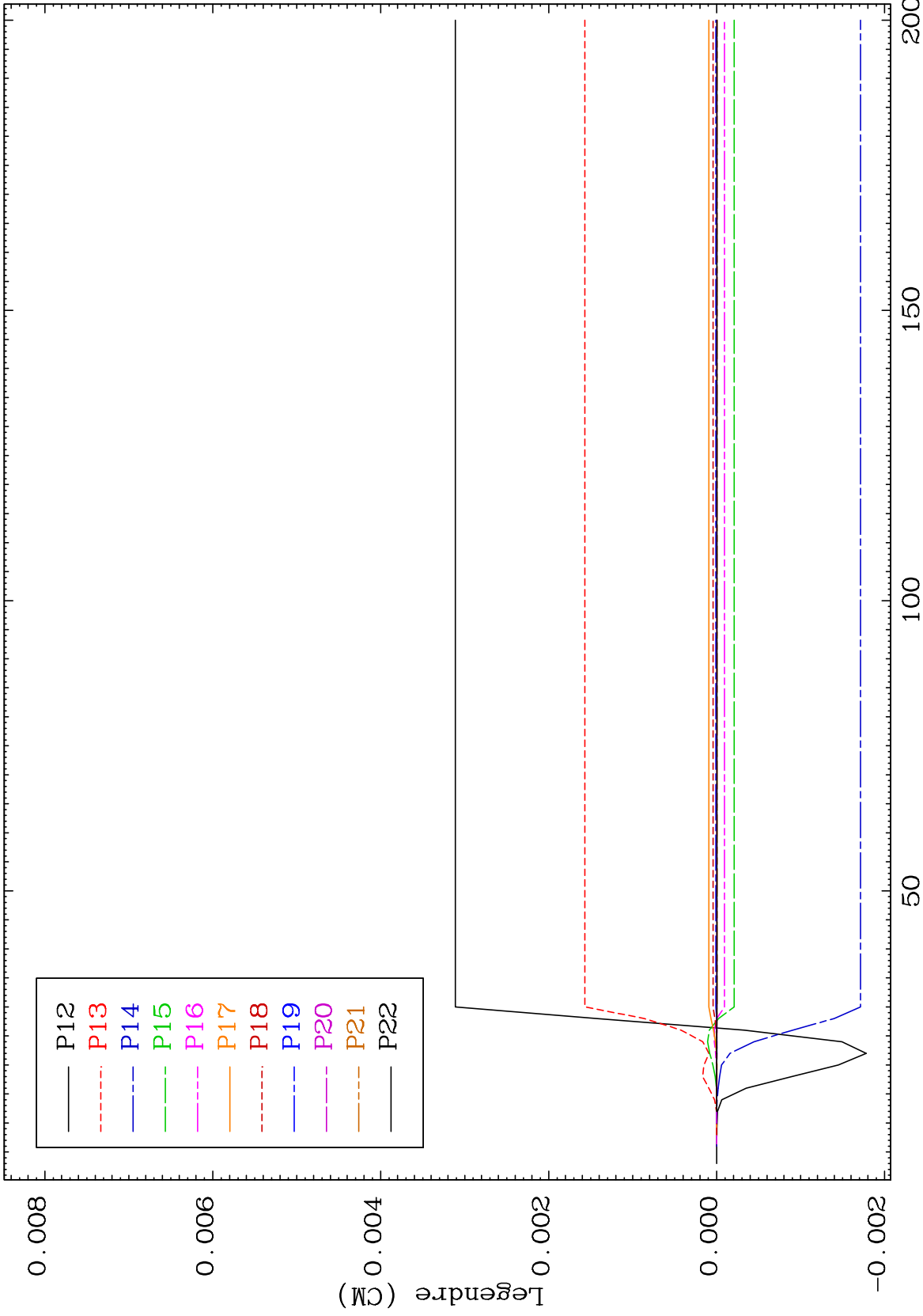
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



94

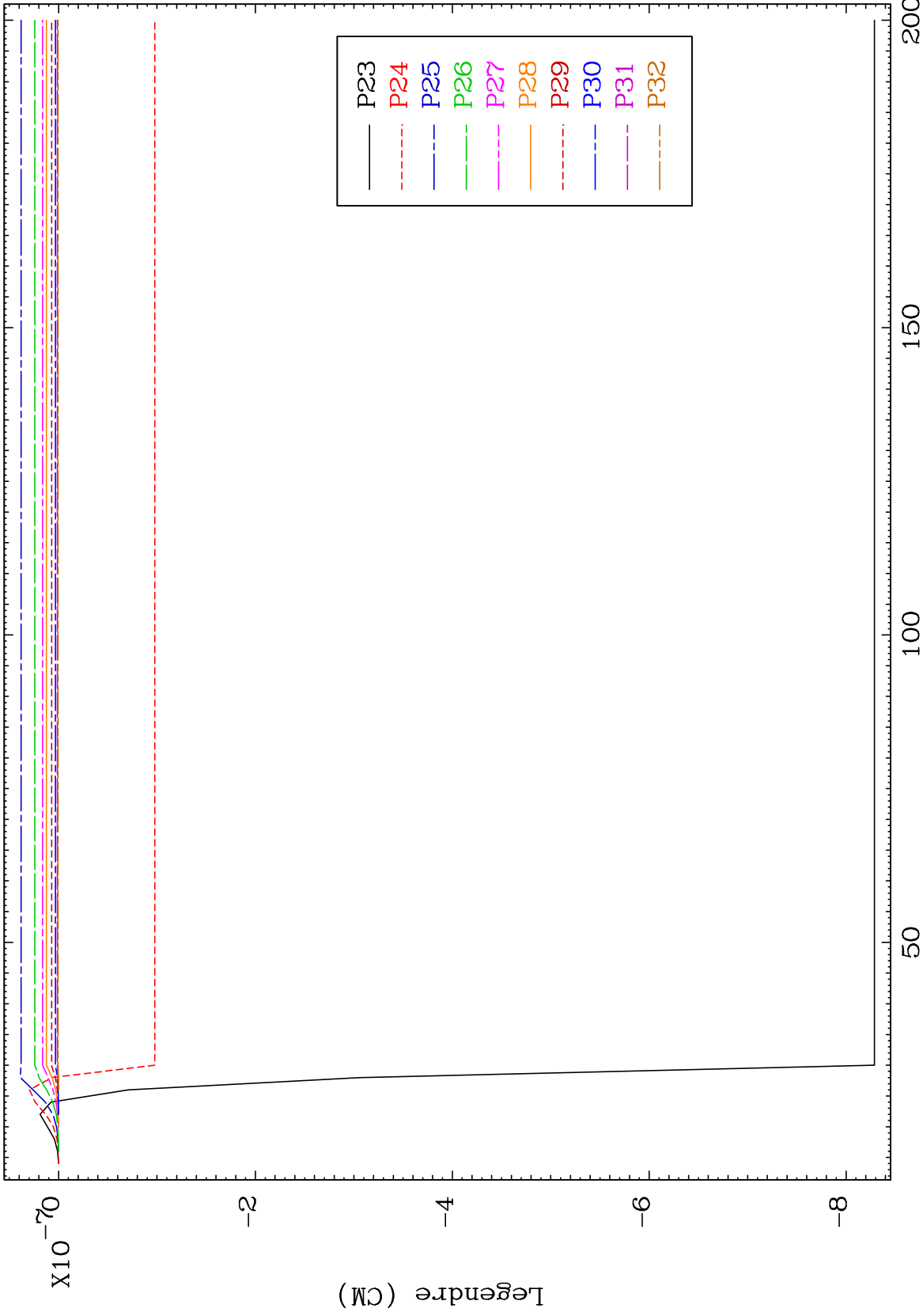
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



95

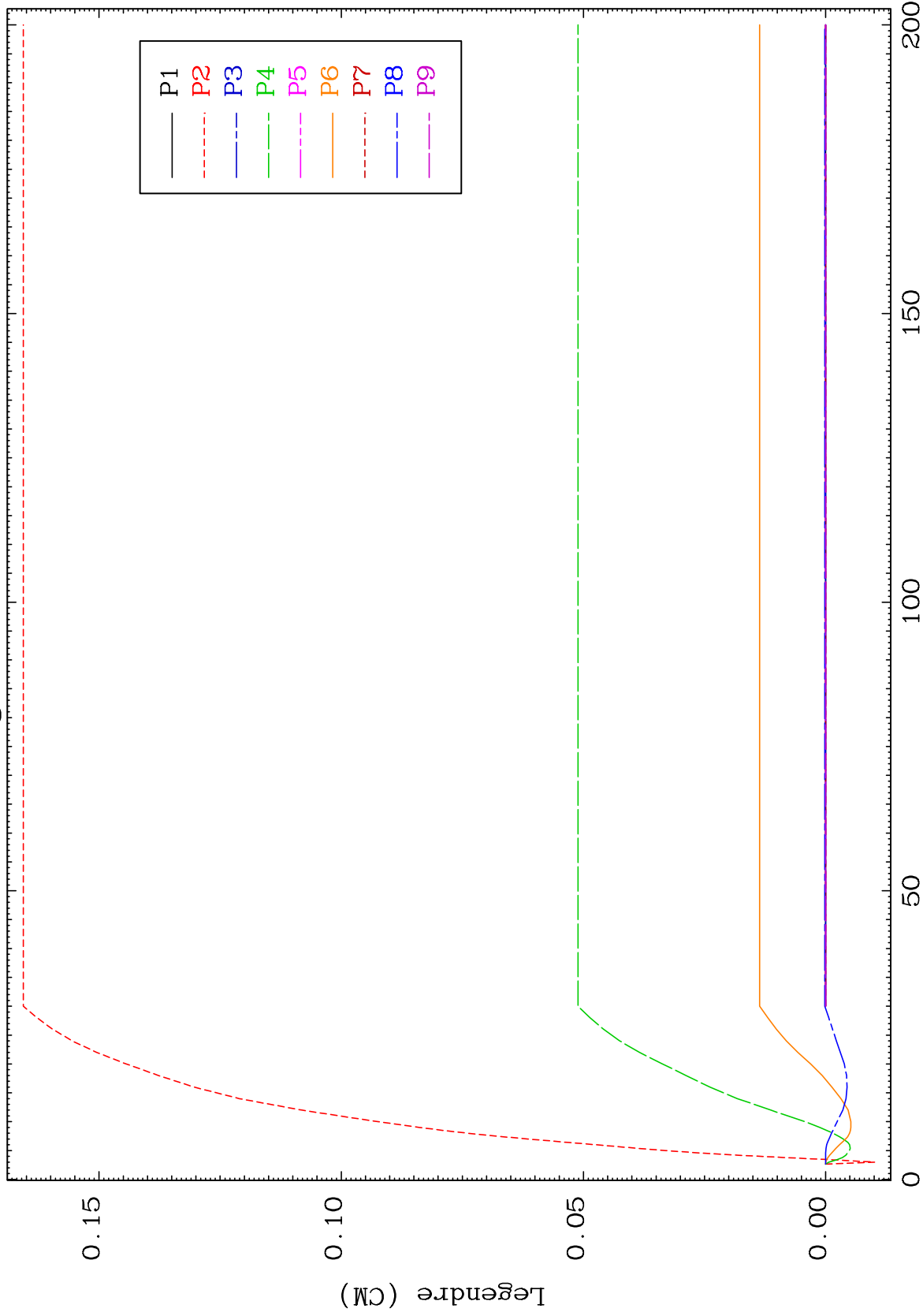
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



96

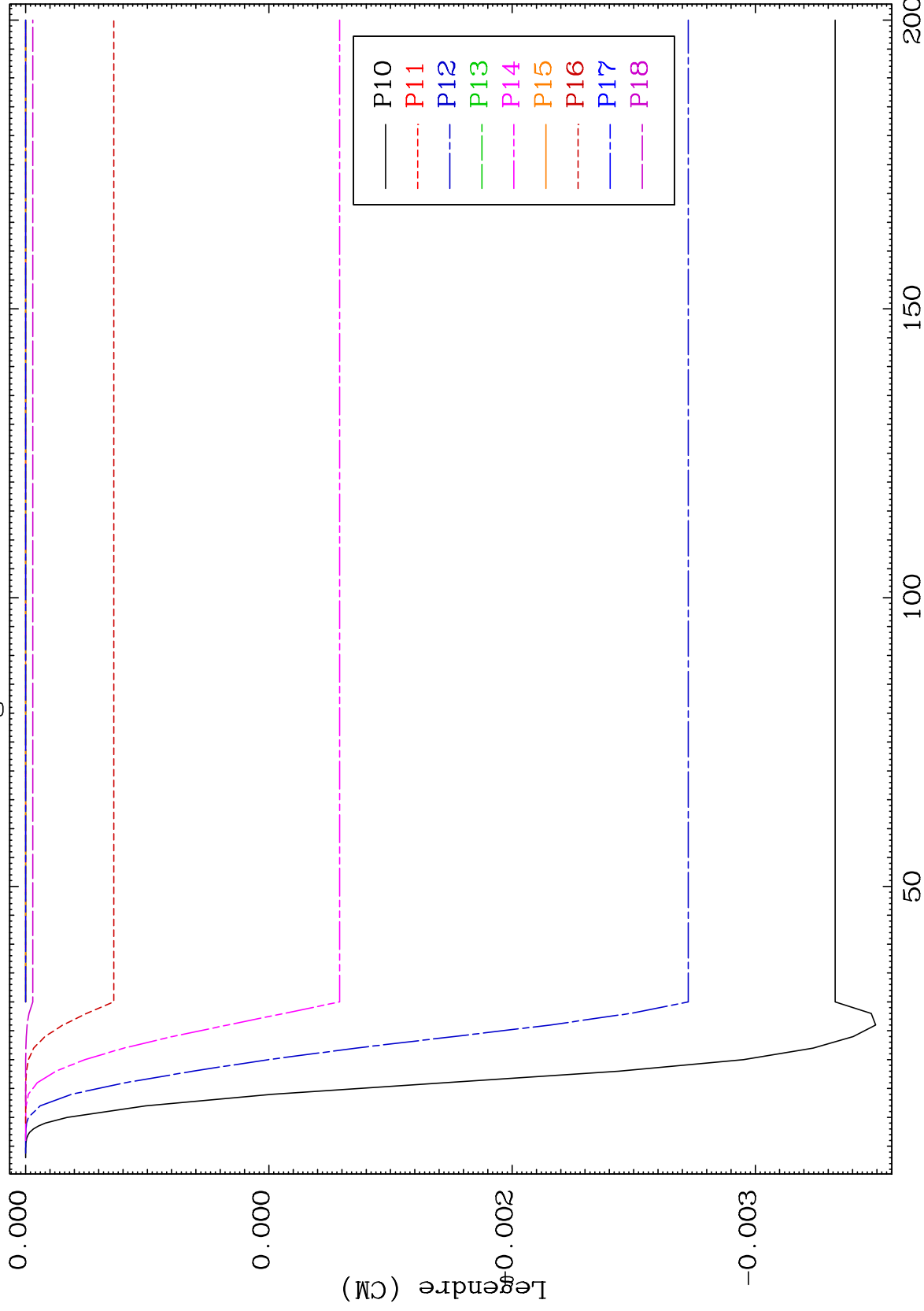
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



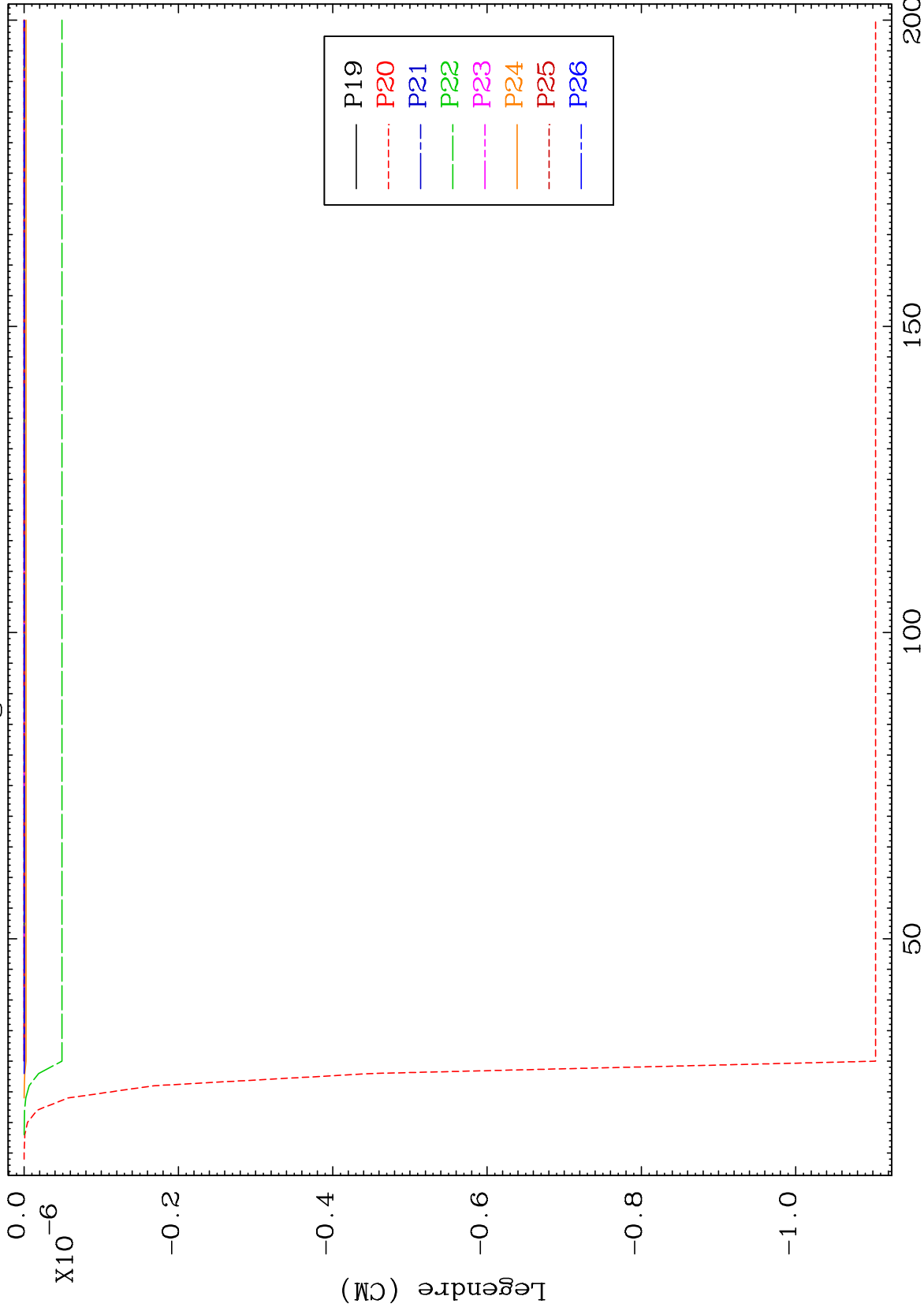
97

48-Cd-118

MAT 4861

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

48-Cd-118



98

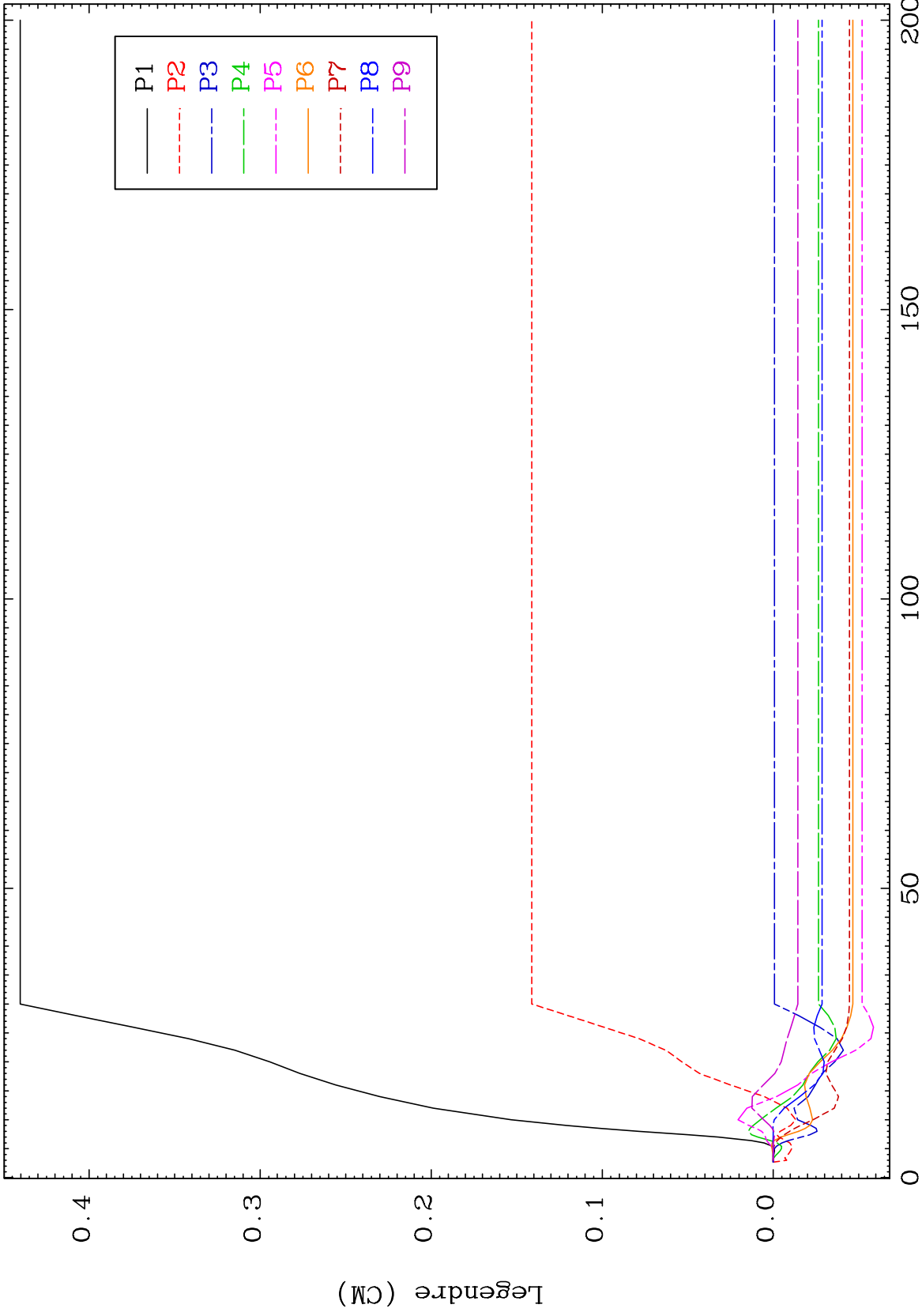
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



99

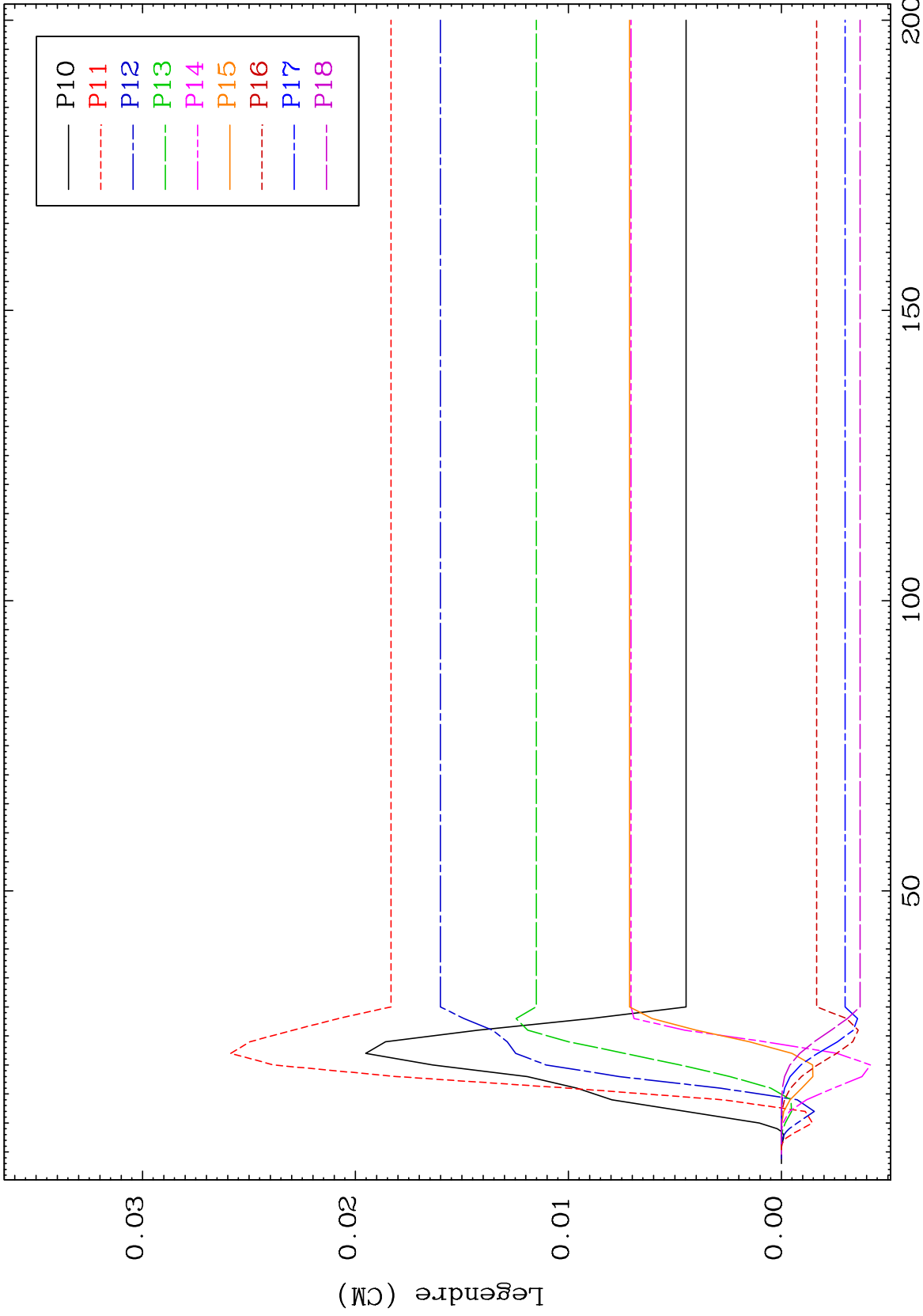
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

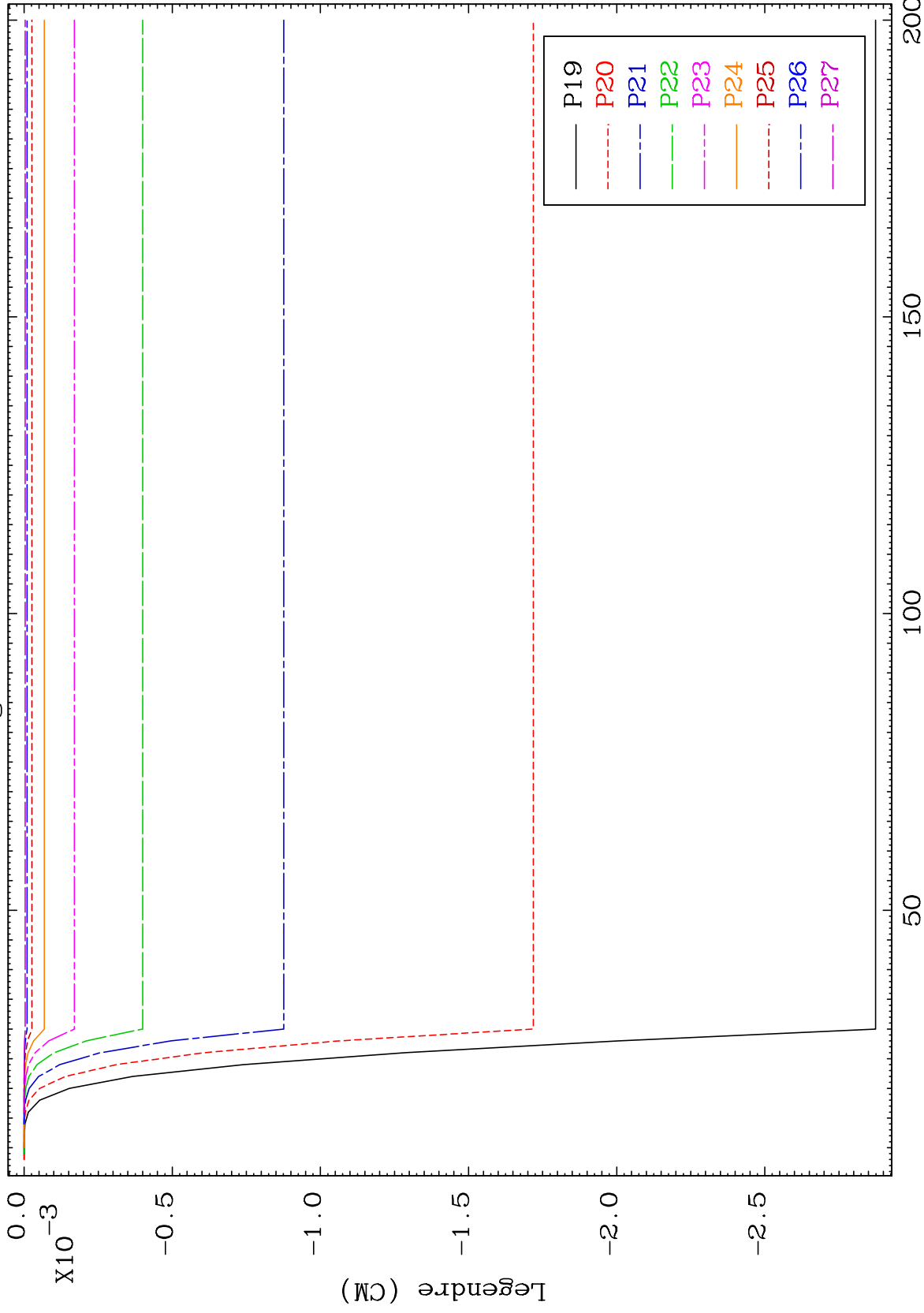
Incident Energy (MeV)

100

MAT 4861

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

48-Cd-118



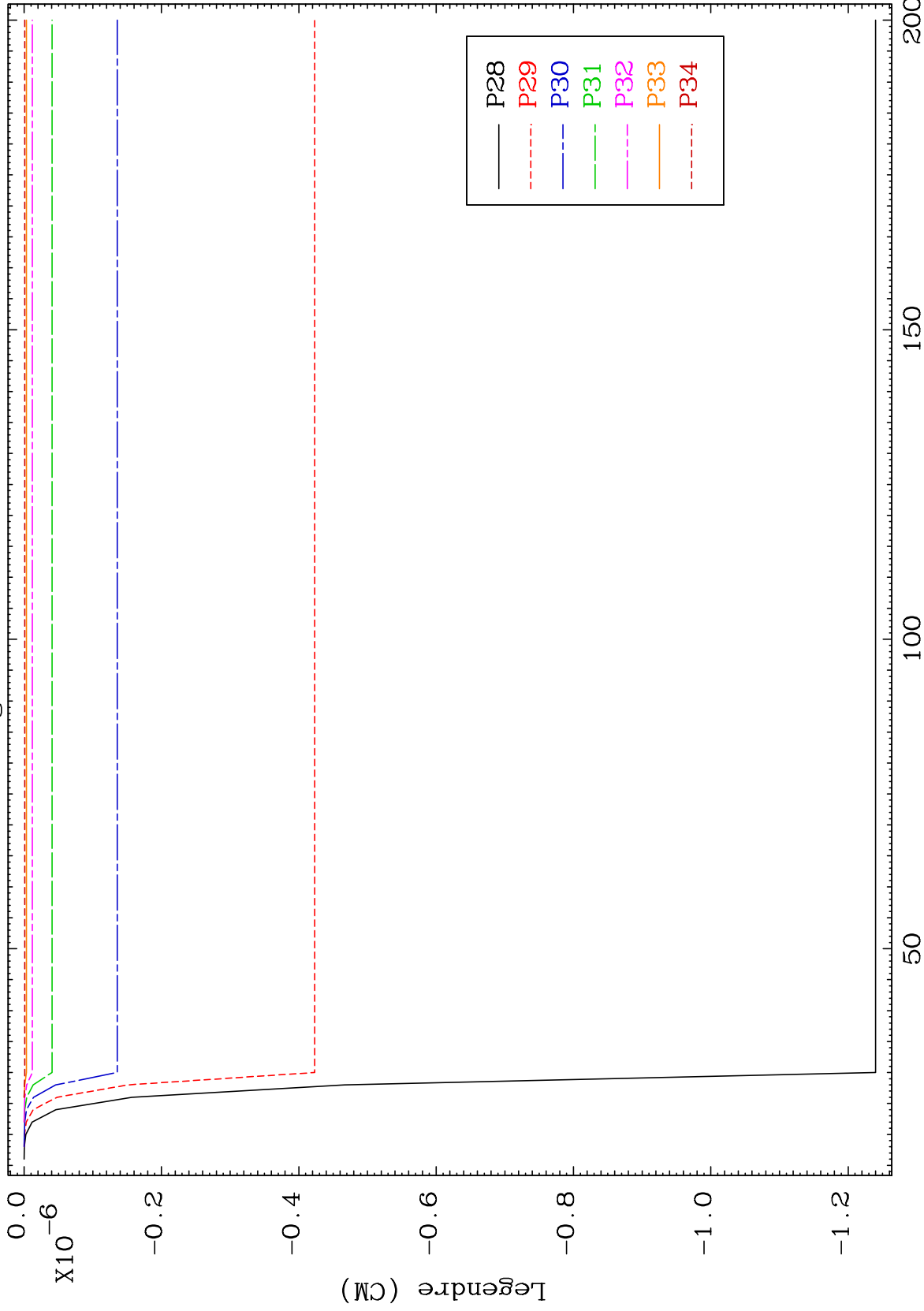
48-Cd-118

101

MAT 4861

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

48-Cd-118



102

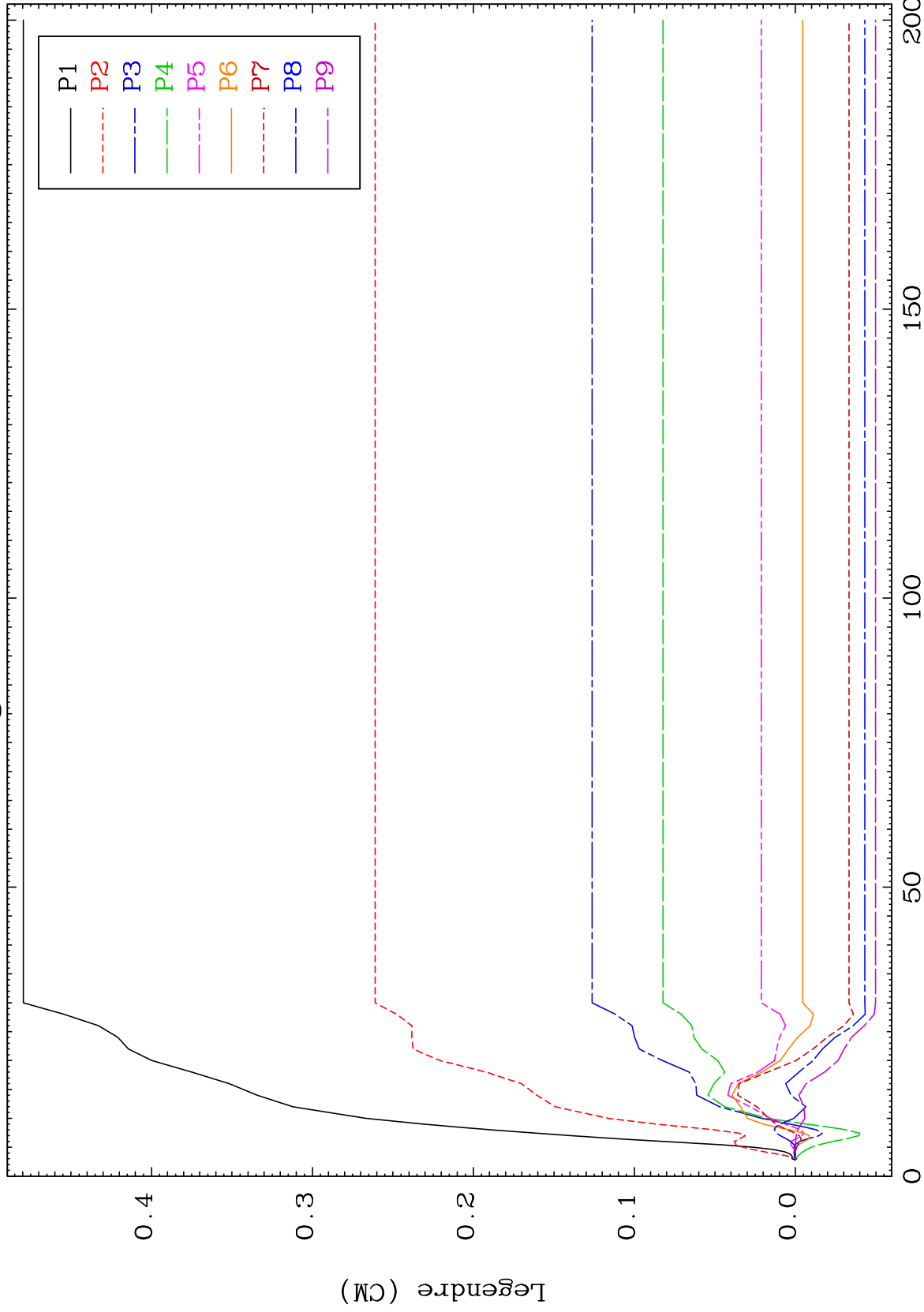
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



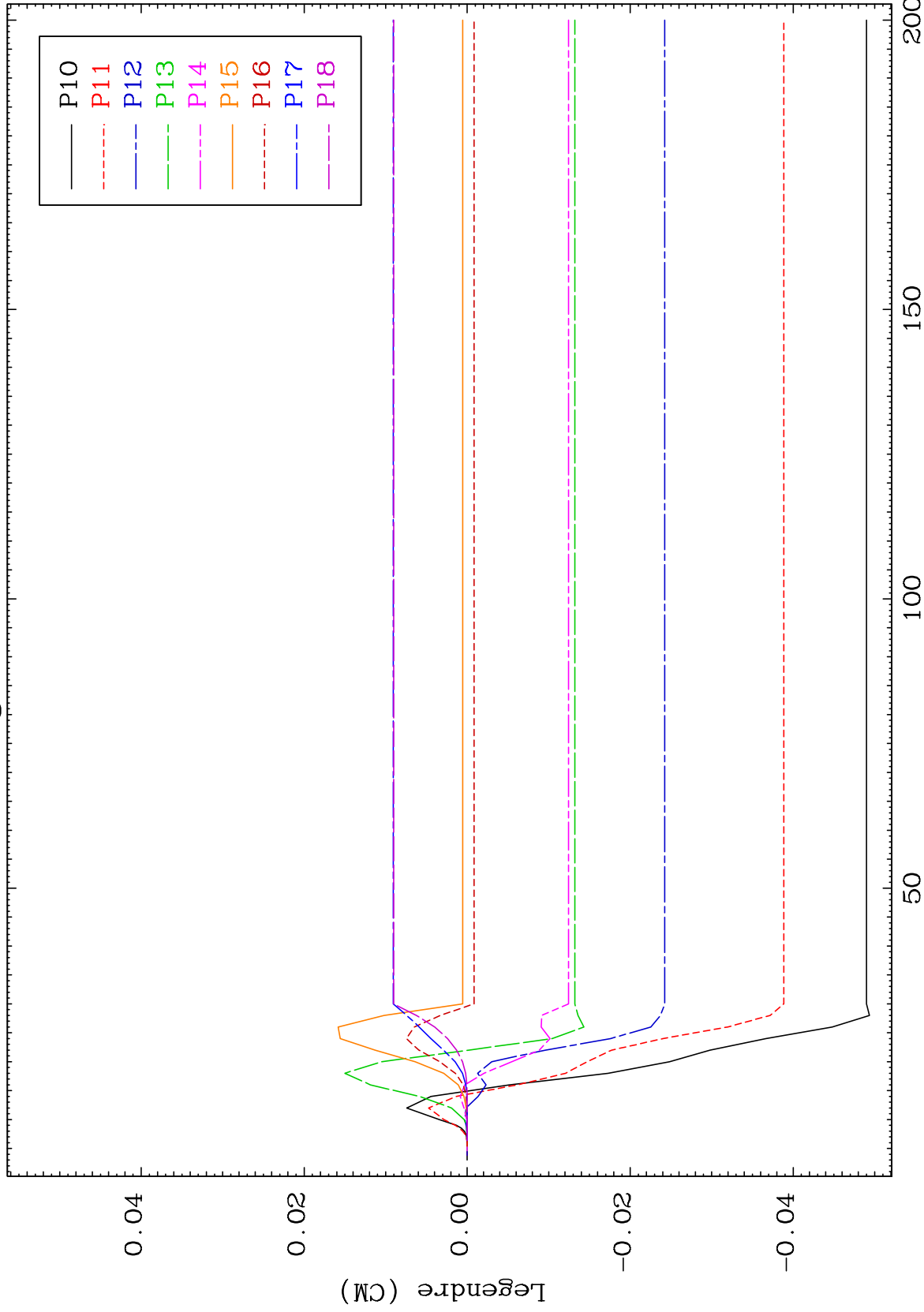
103

48-Cd-118

MAT 4861

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

48-Cd-118



104

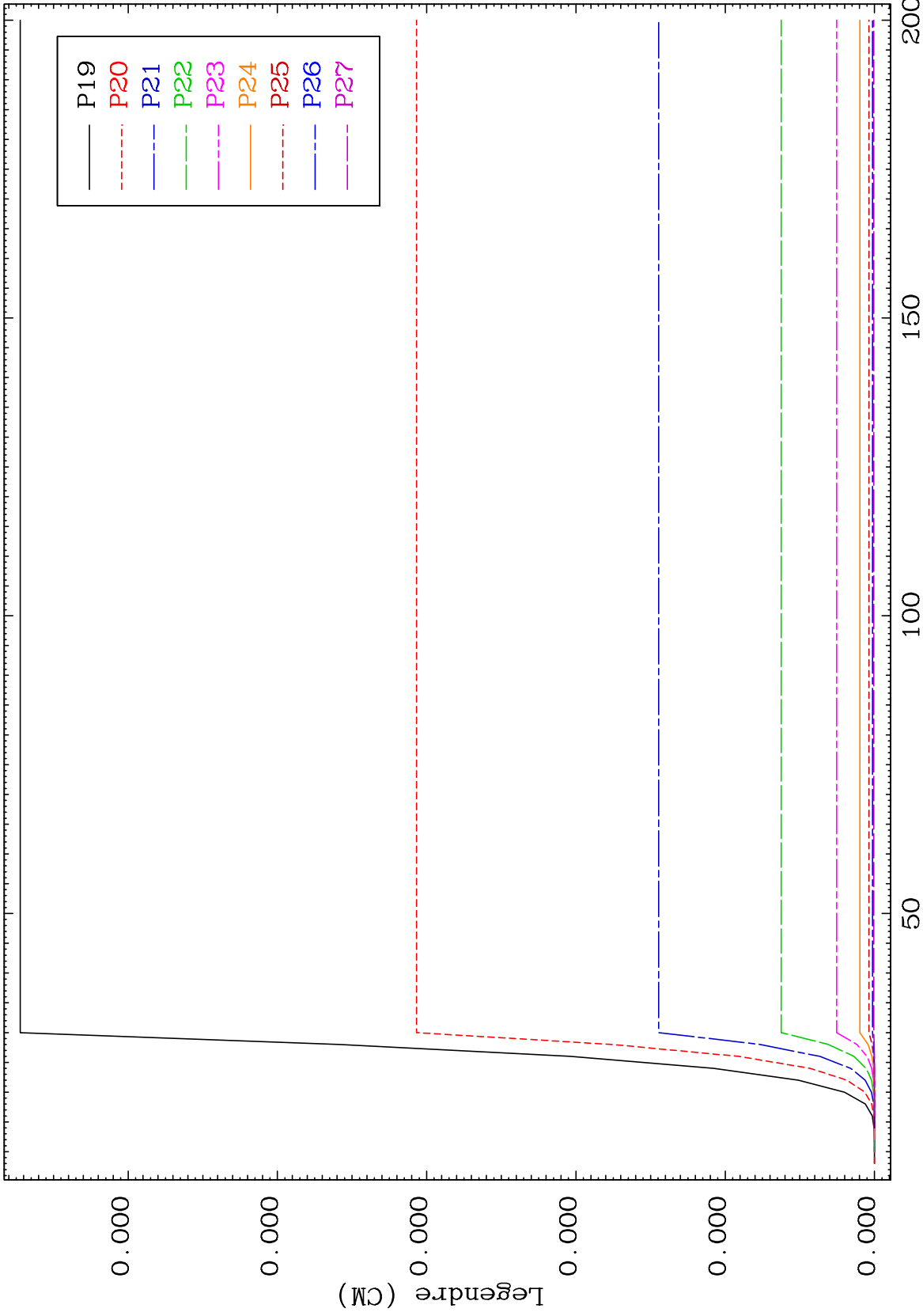
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



105

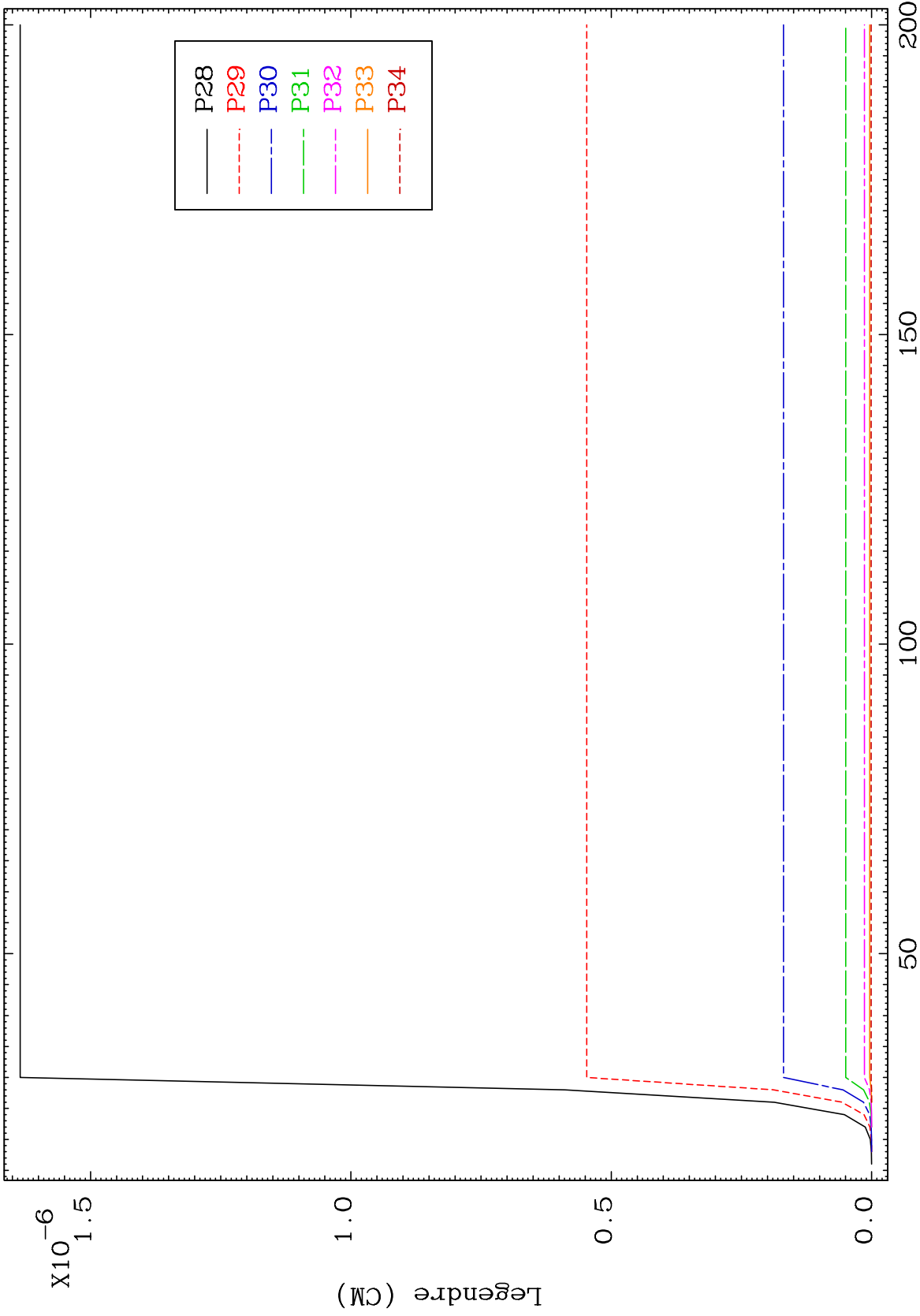
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



106

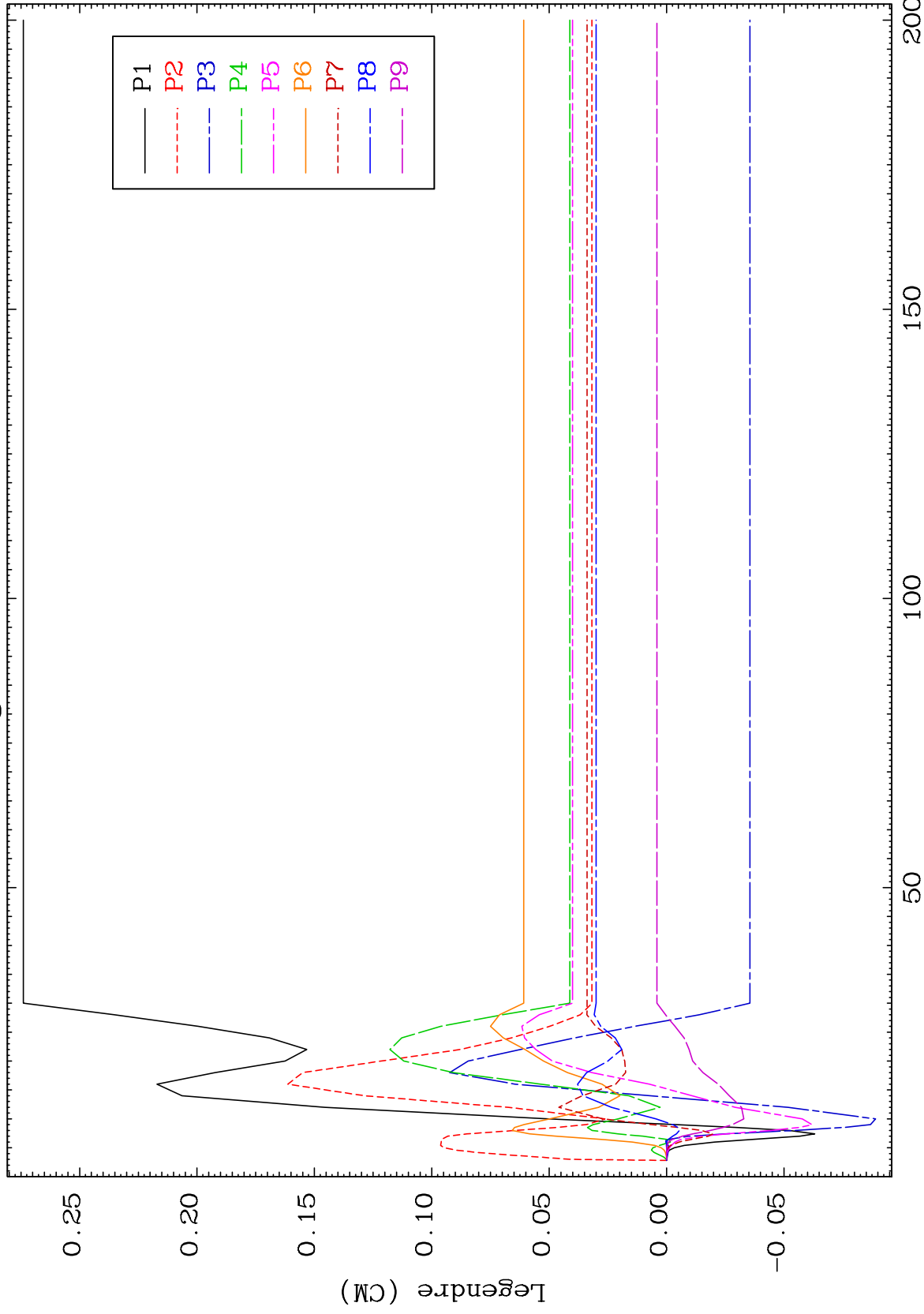
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



107

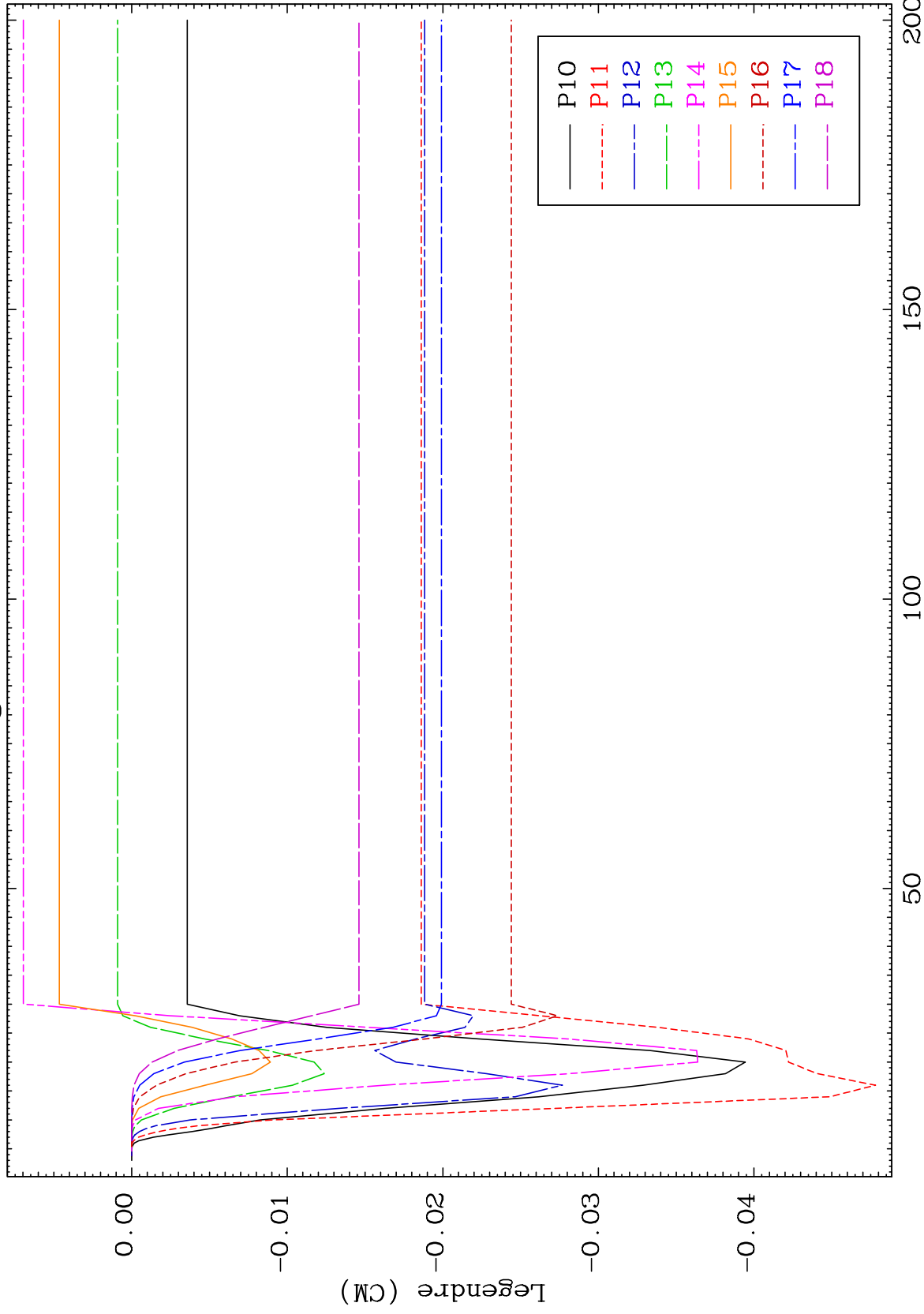
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118

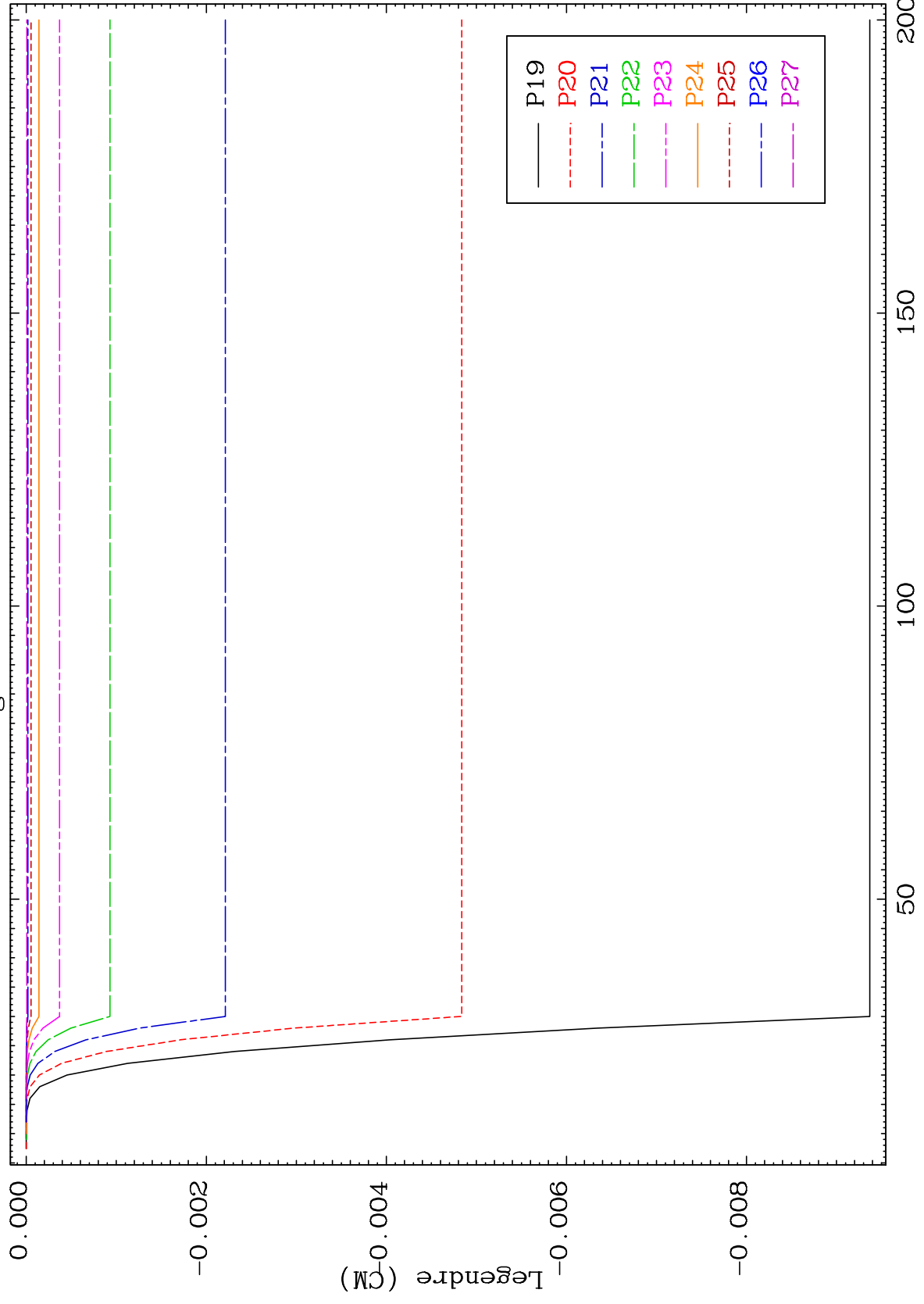


108

Incident Energy (MeV)

48-Cd-118

MAT 4861 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-118

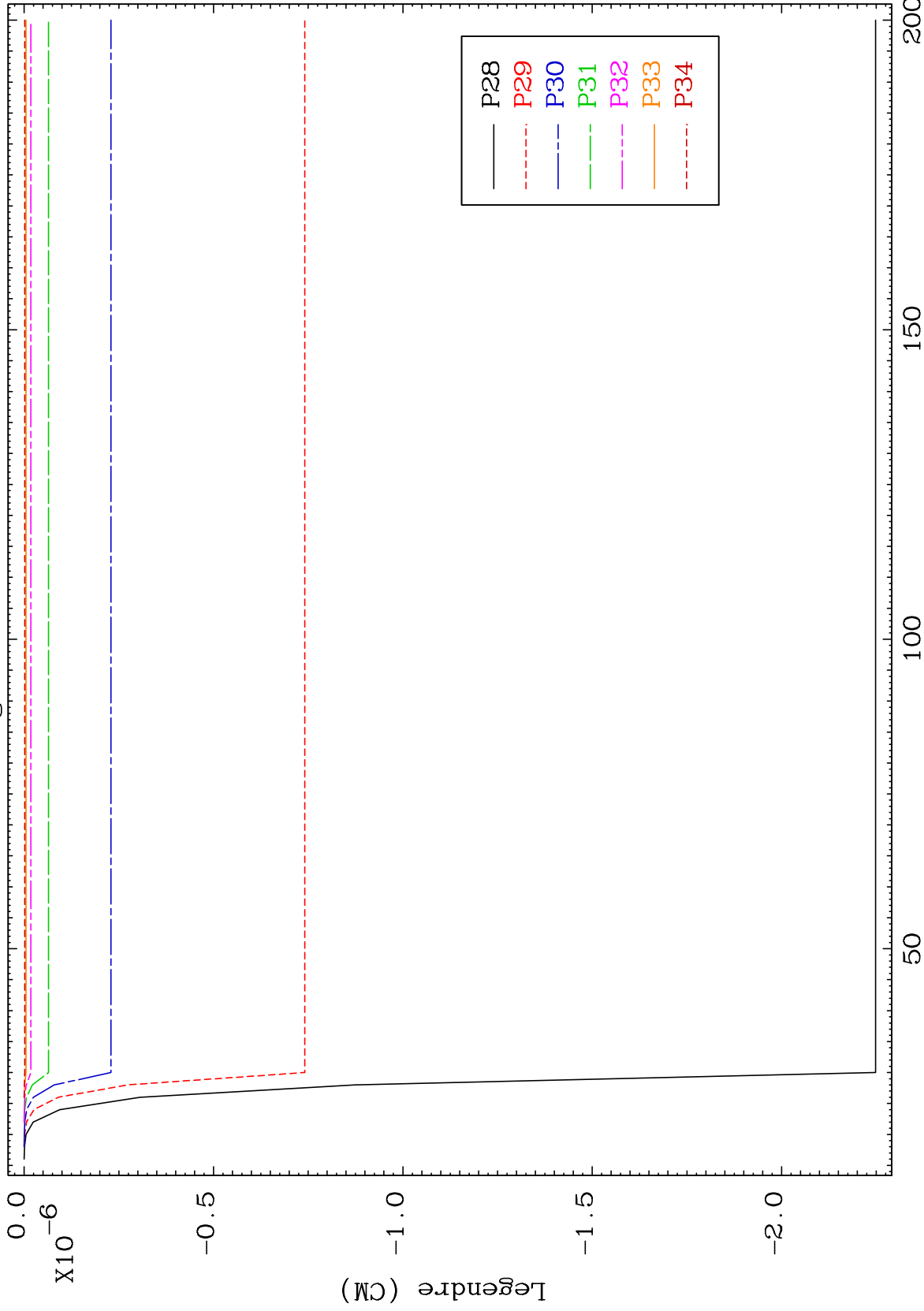


109 48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

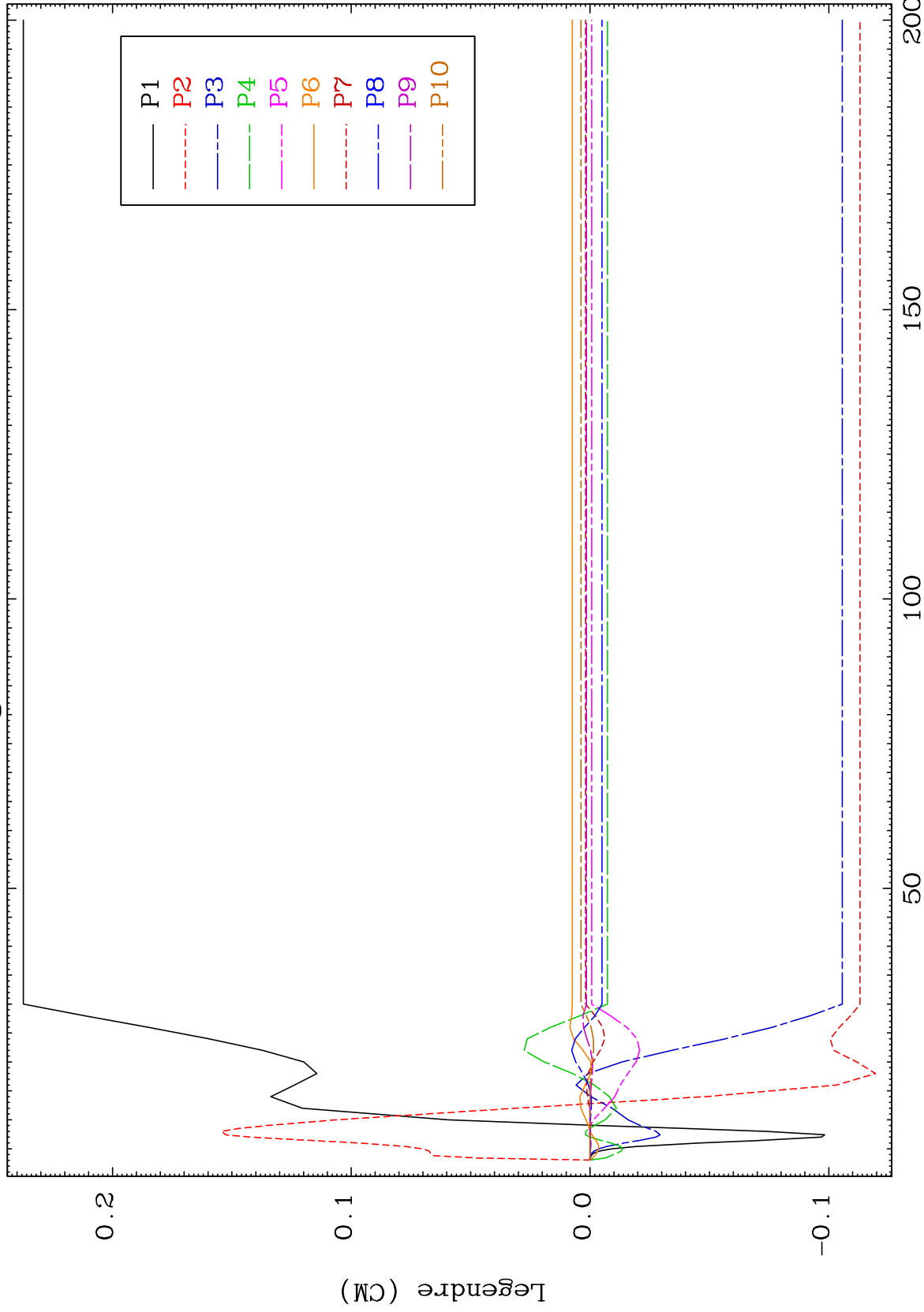
Incident Energy (MeV)

110

MAT 4861

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

48-Cd-118



111

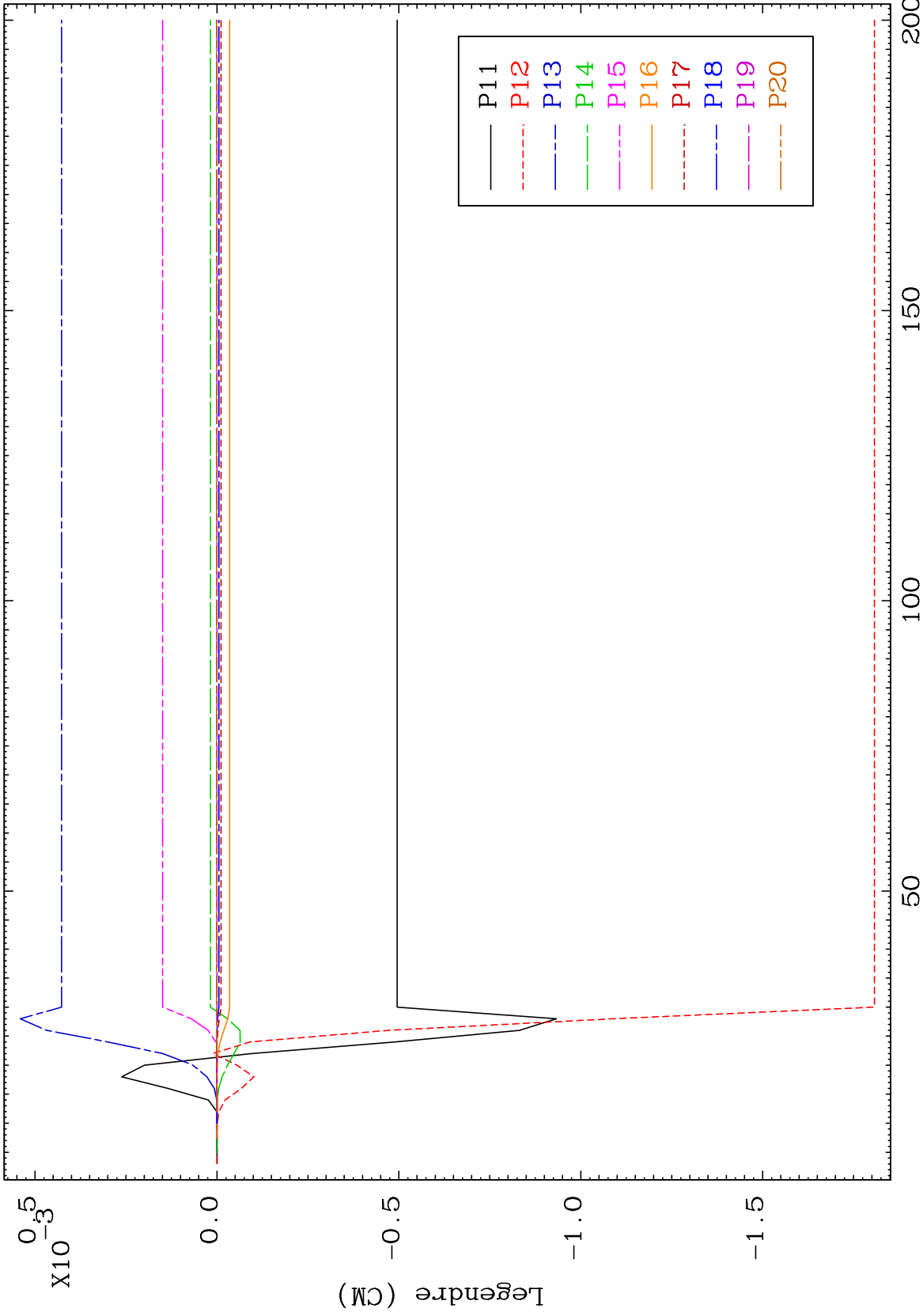
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



112

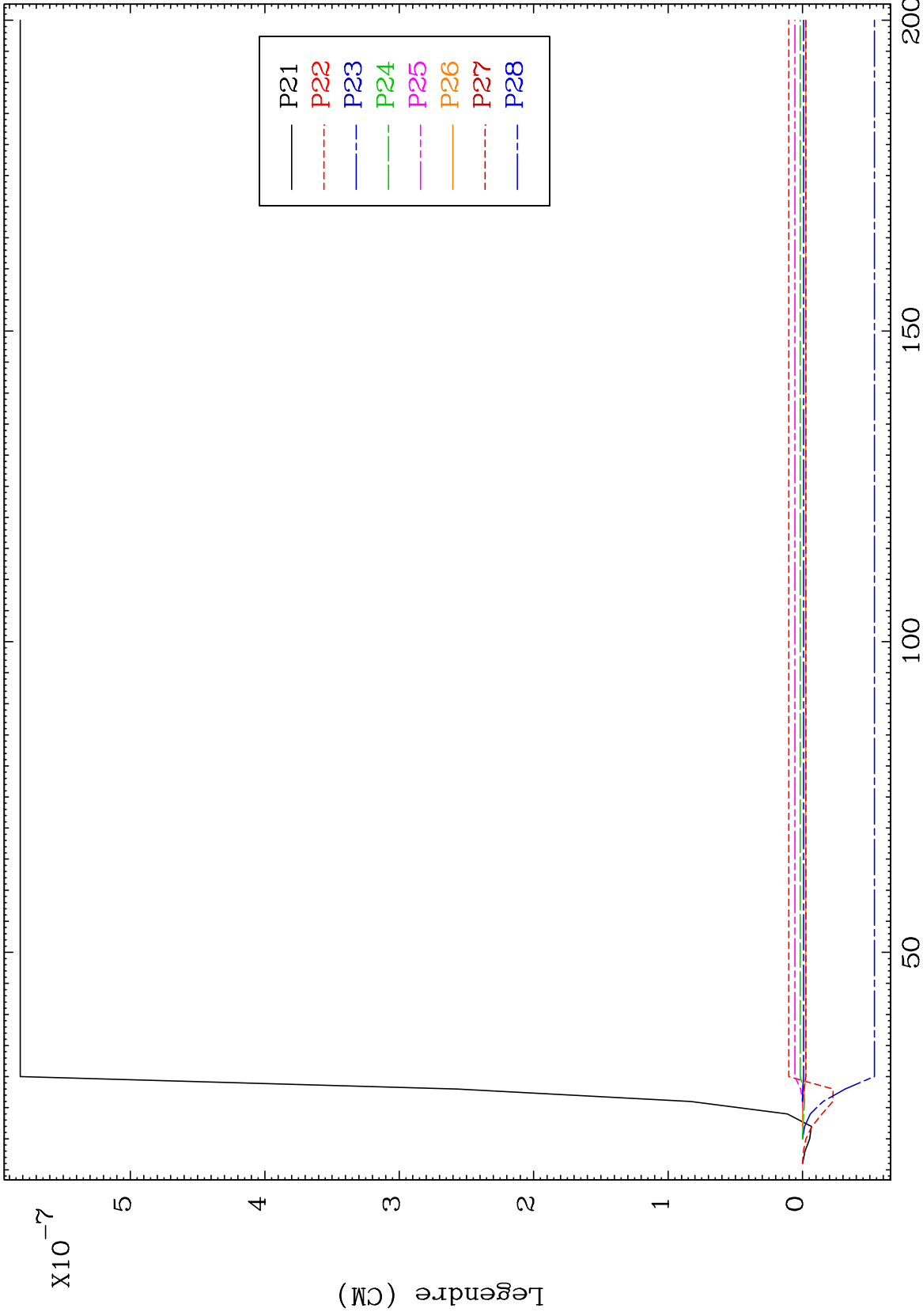
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



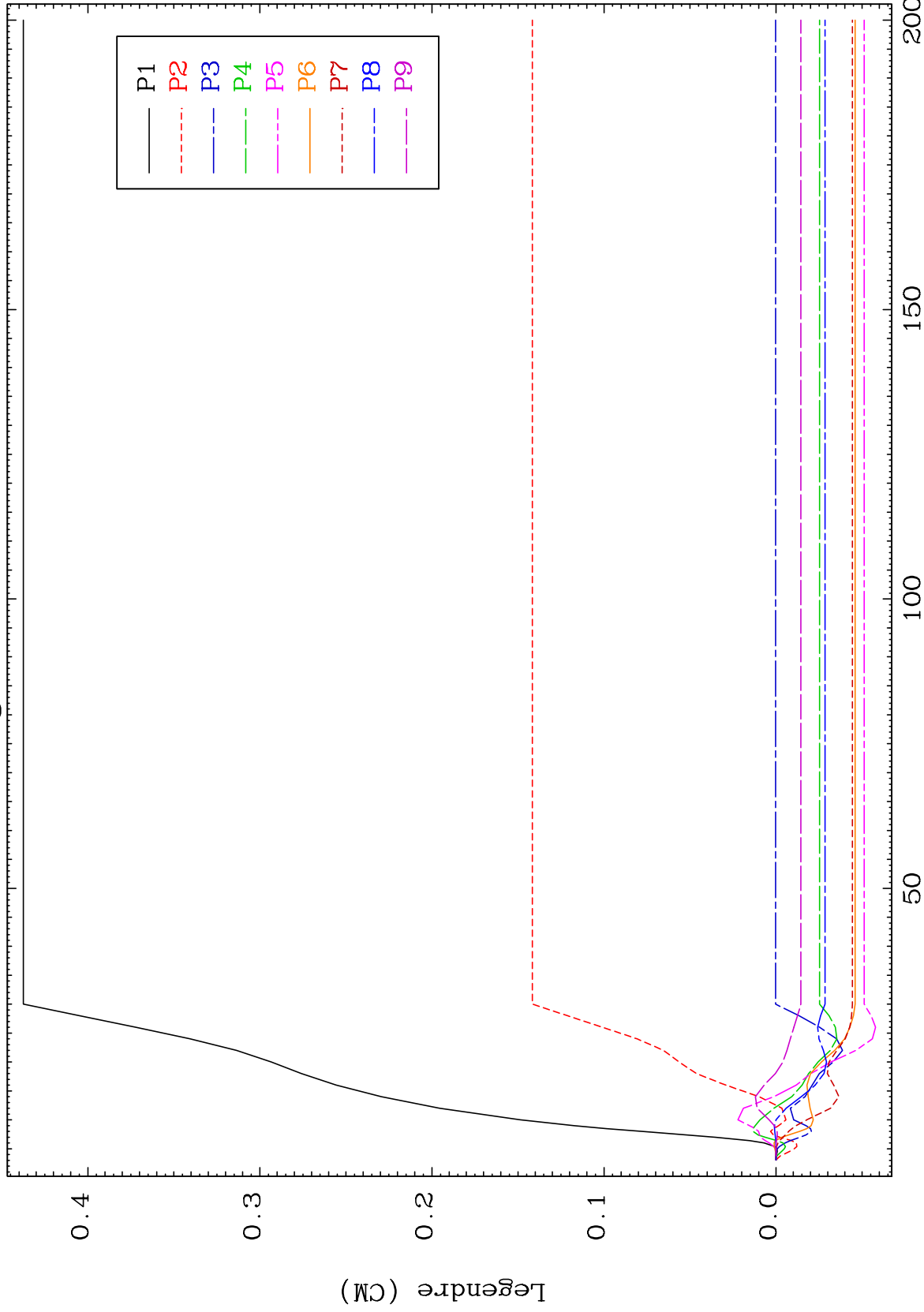
113

48-Cd-118

MAT 4861

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

48-Cd-118



114

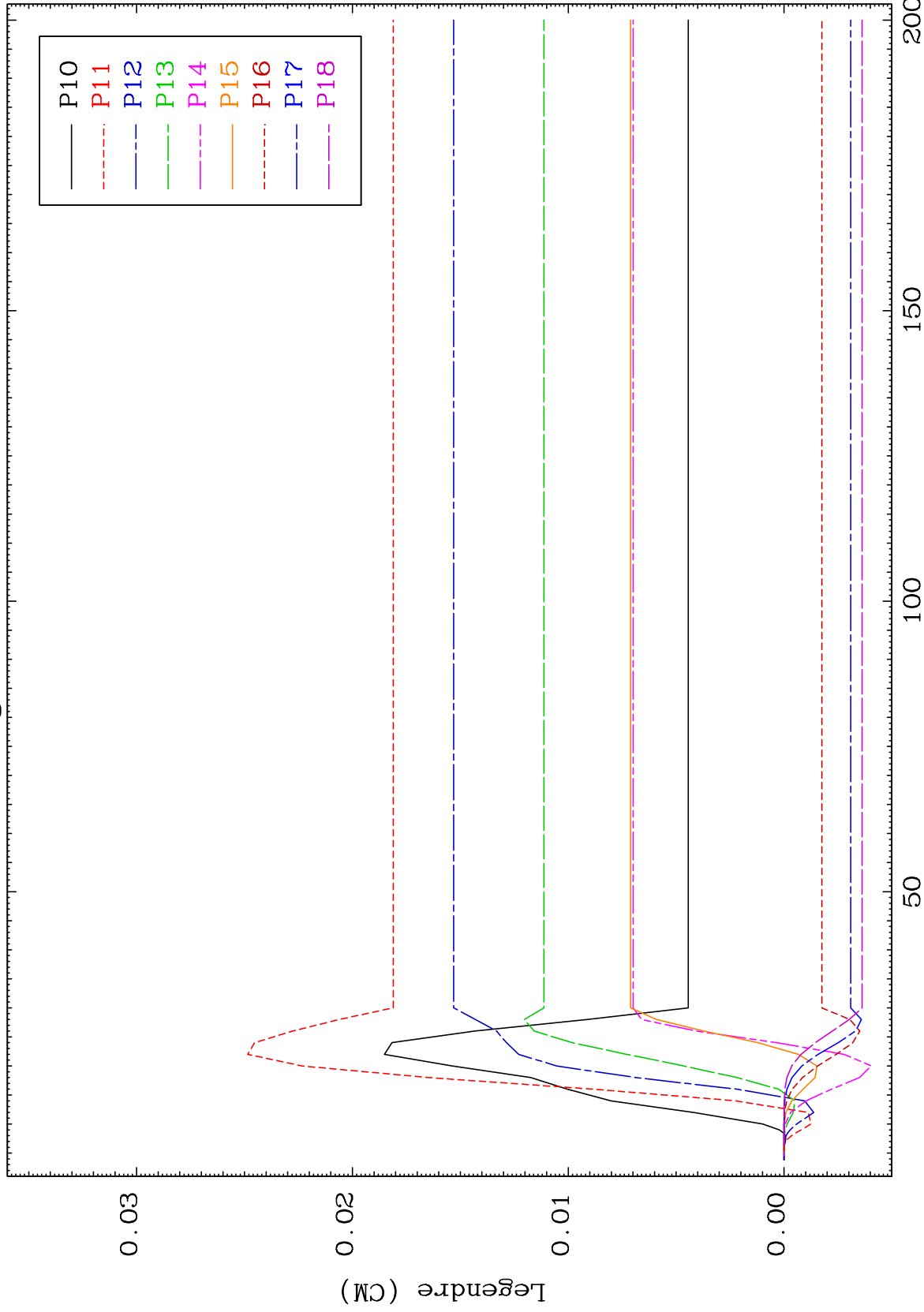
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

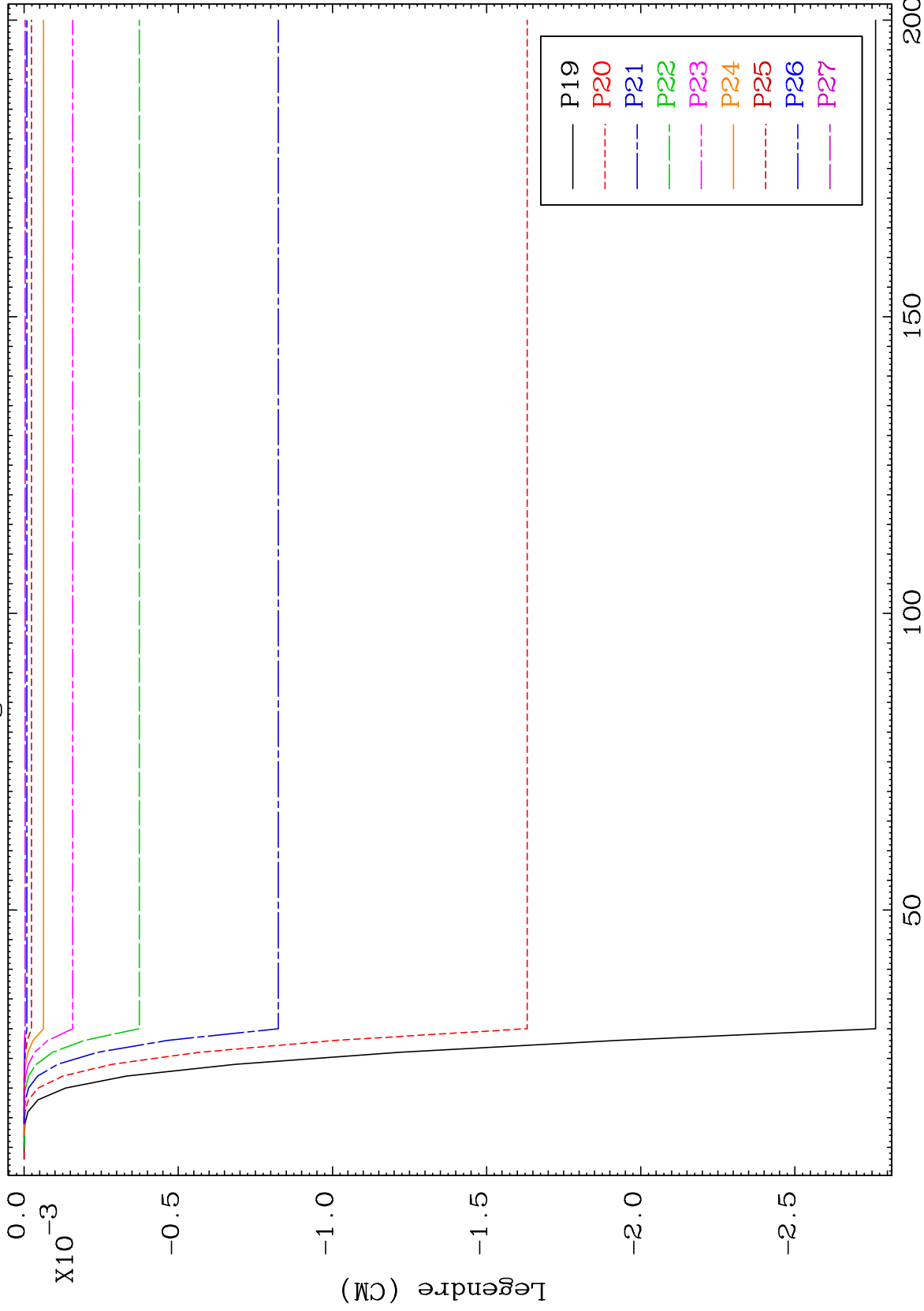
48-Cd-118



115

Incident Energy (MeV)

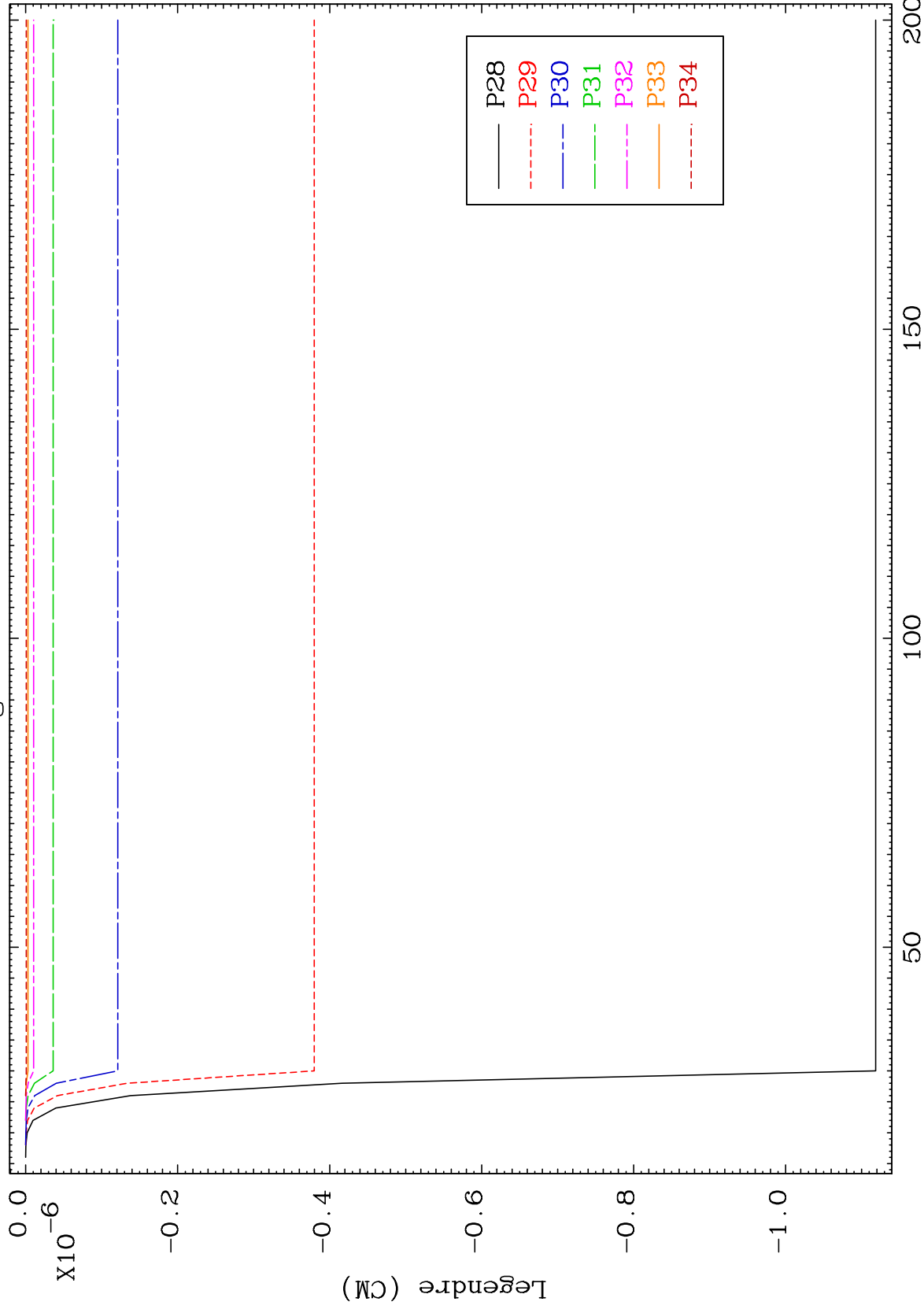
48-Cd-118



MAT 4861

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

48-Cd-118



117

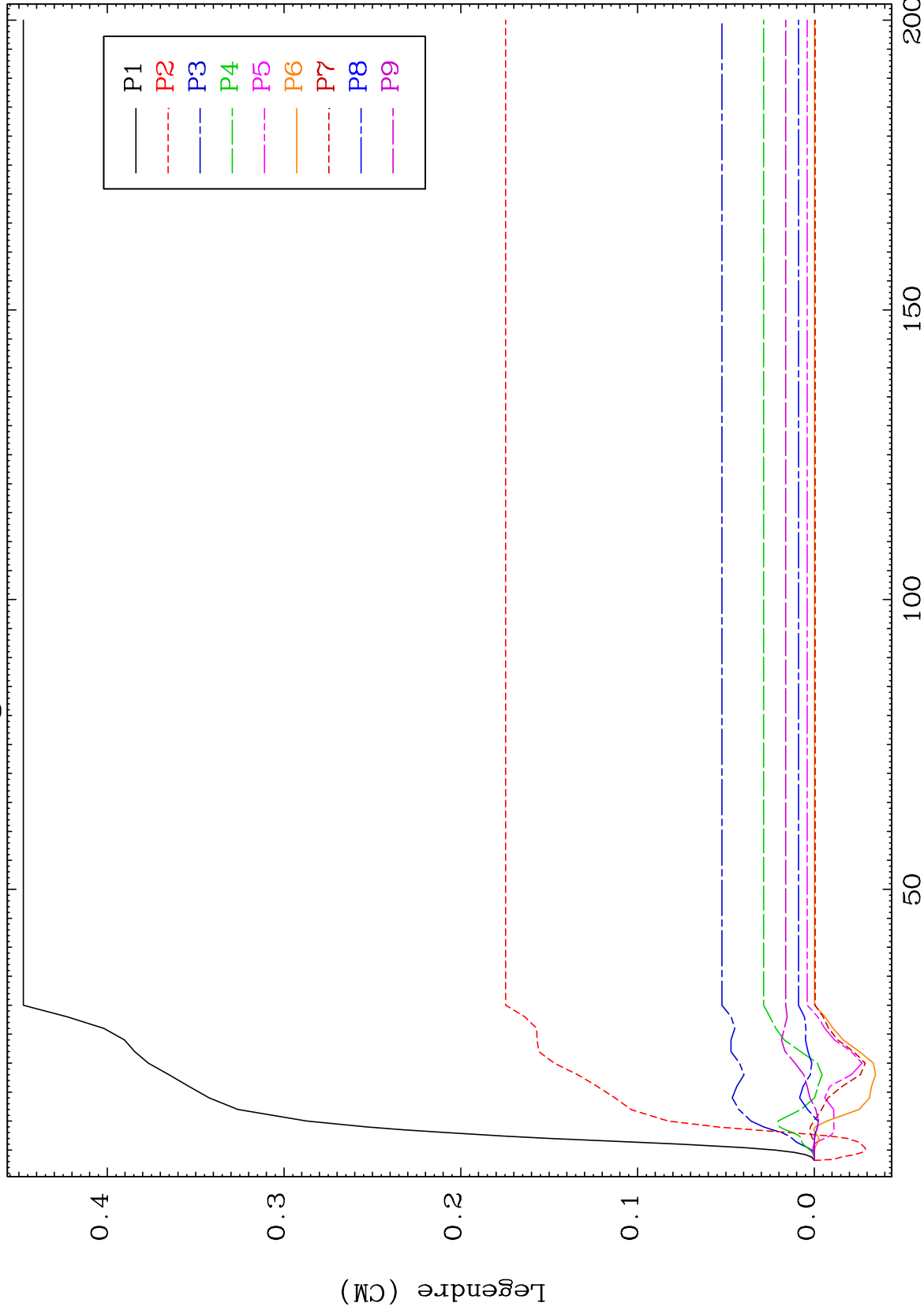
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



118

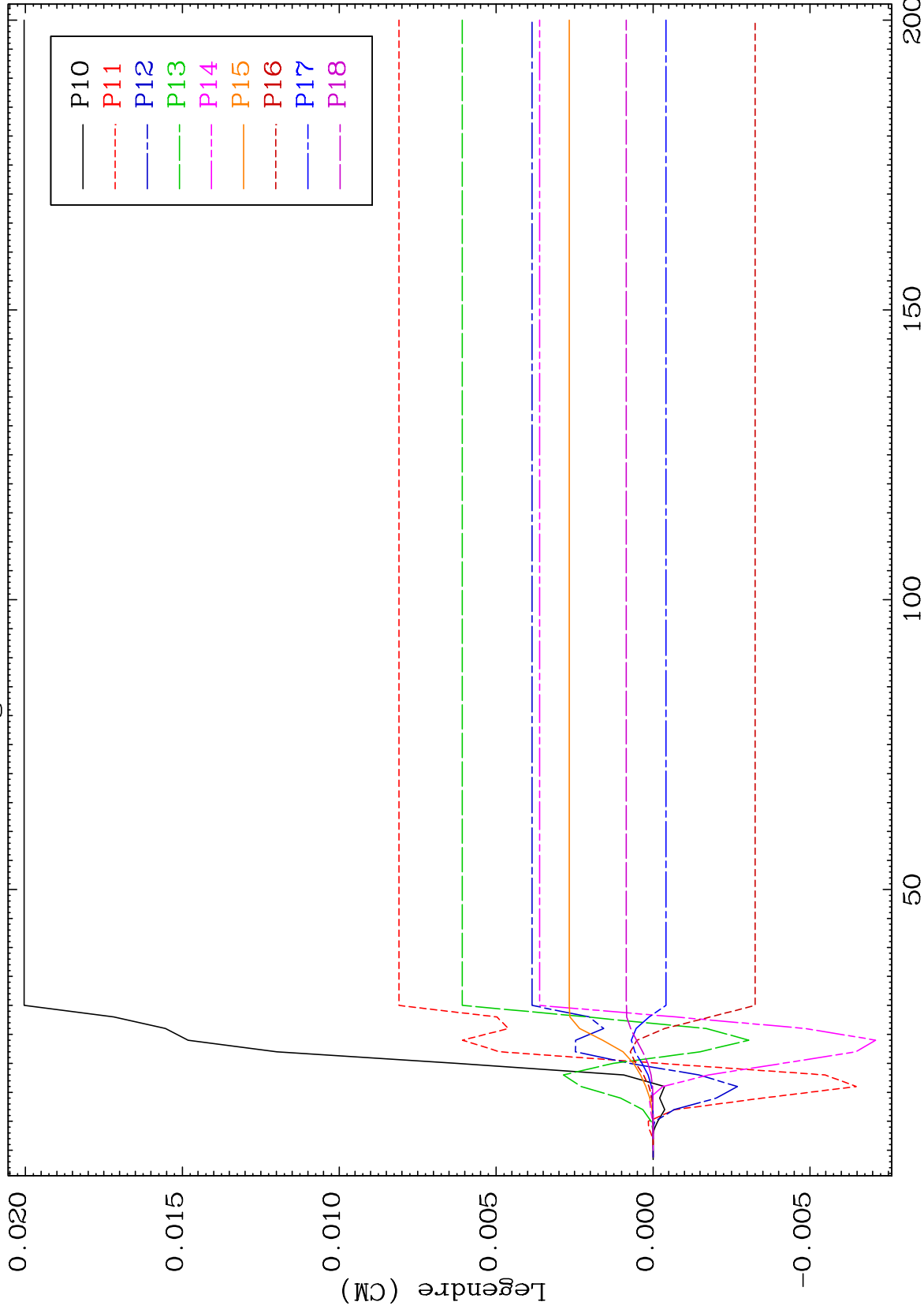
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



119

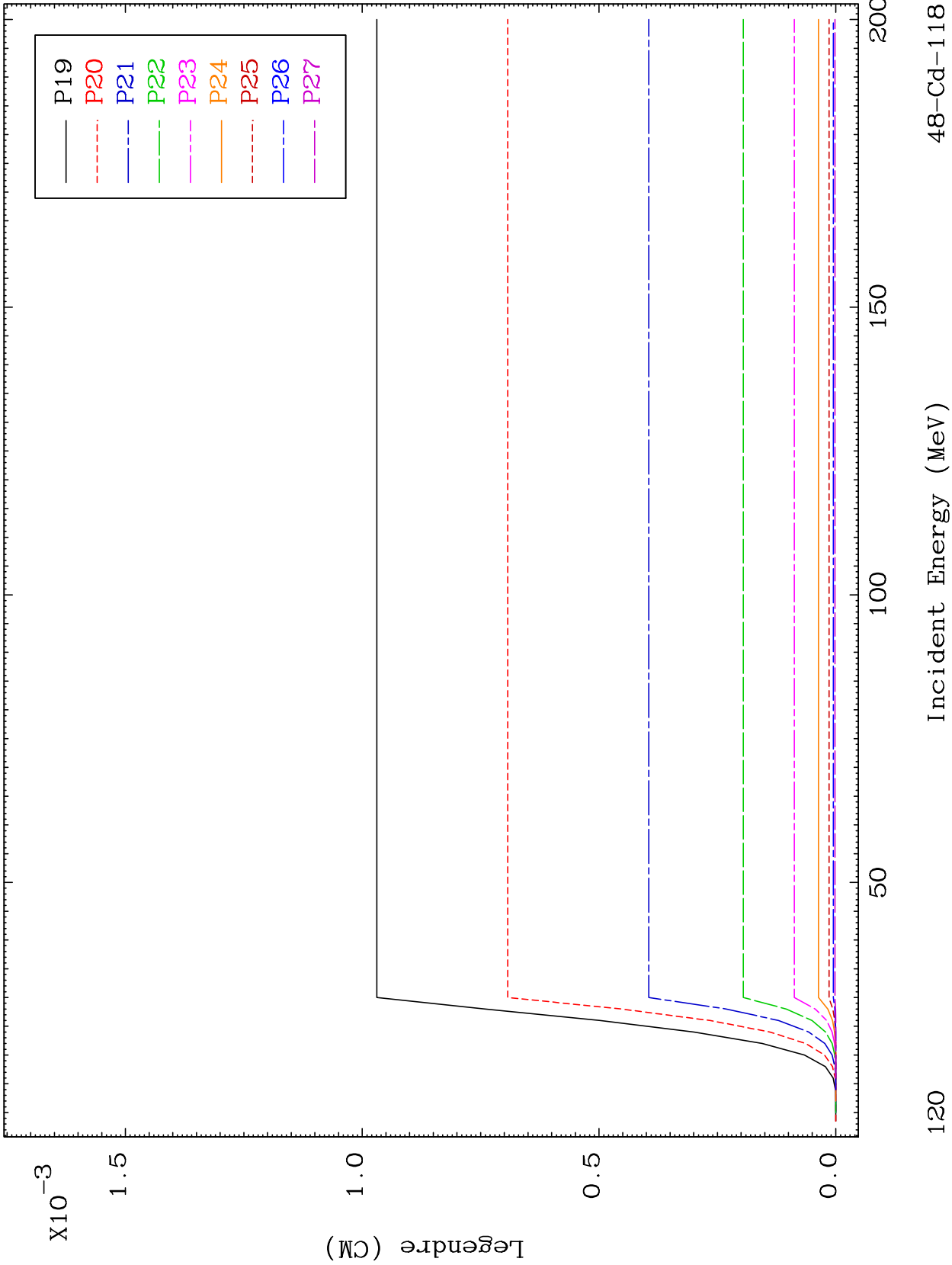
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

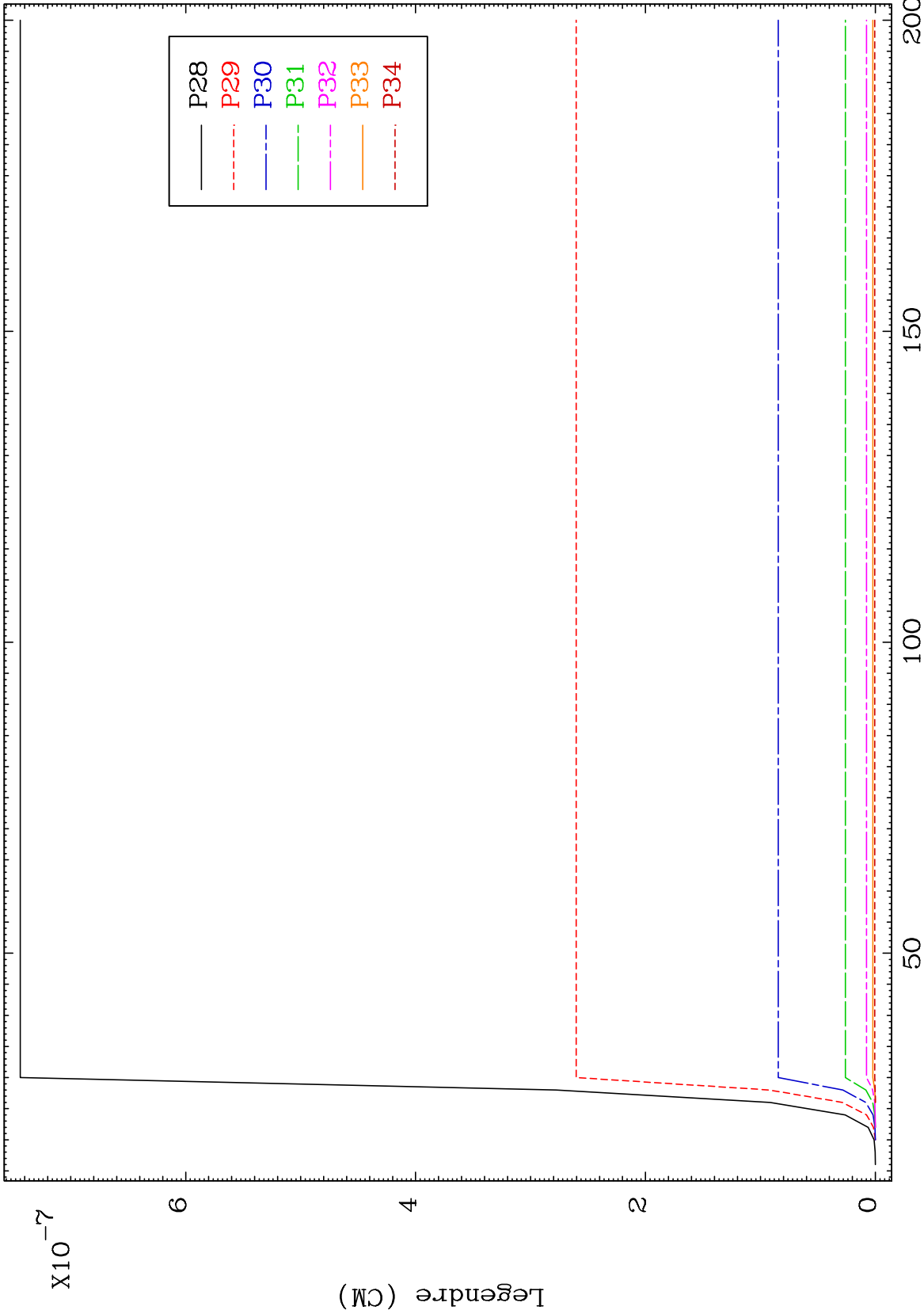
48-Cd-118



MAT 4861

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

48-Cd-118



121

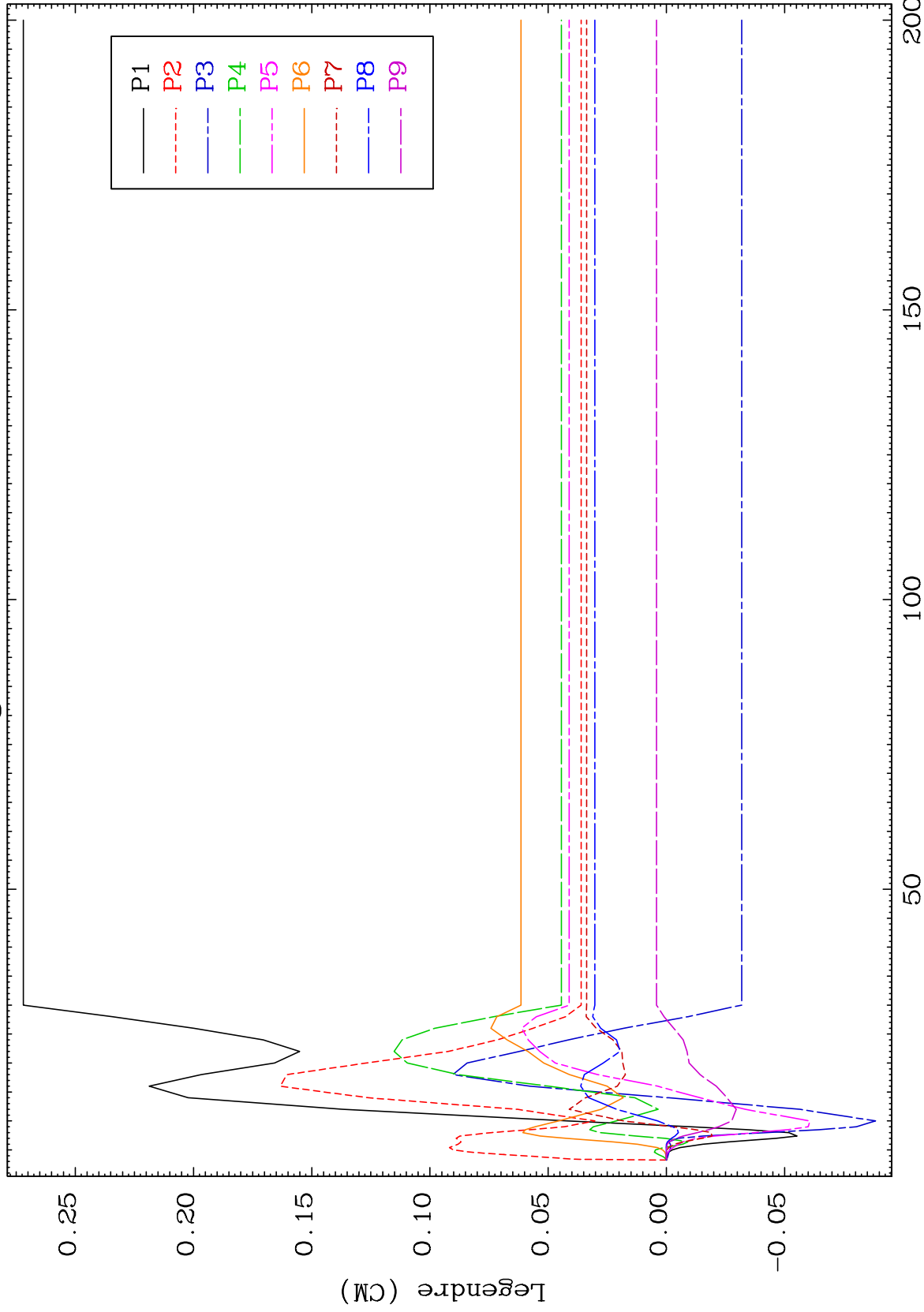
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



122

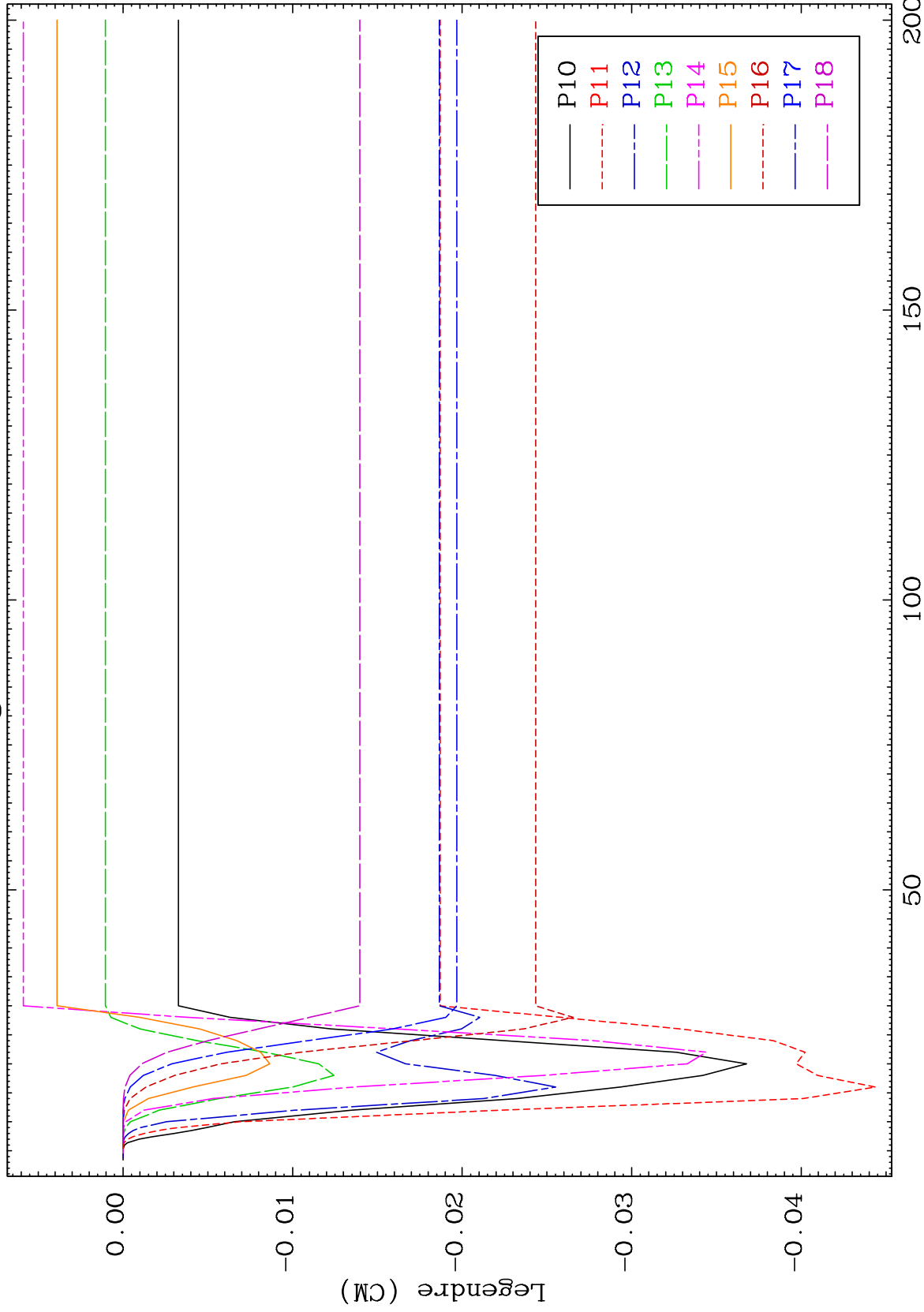
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



123

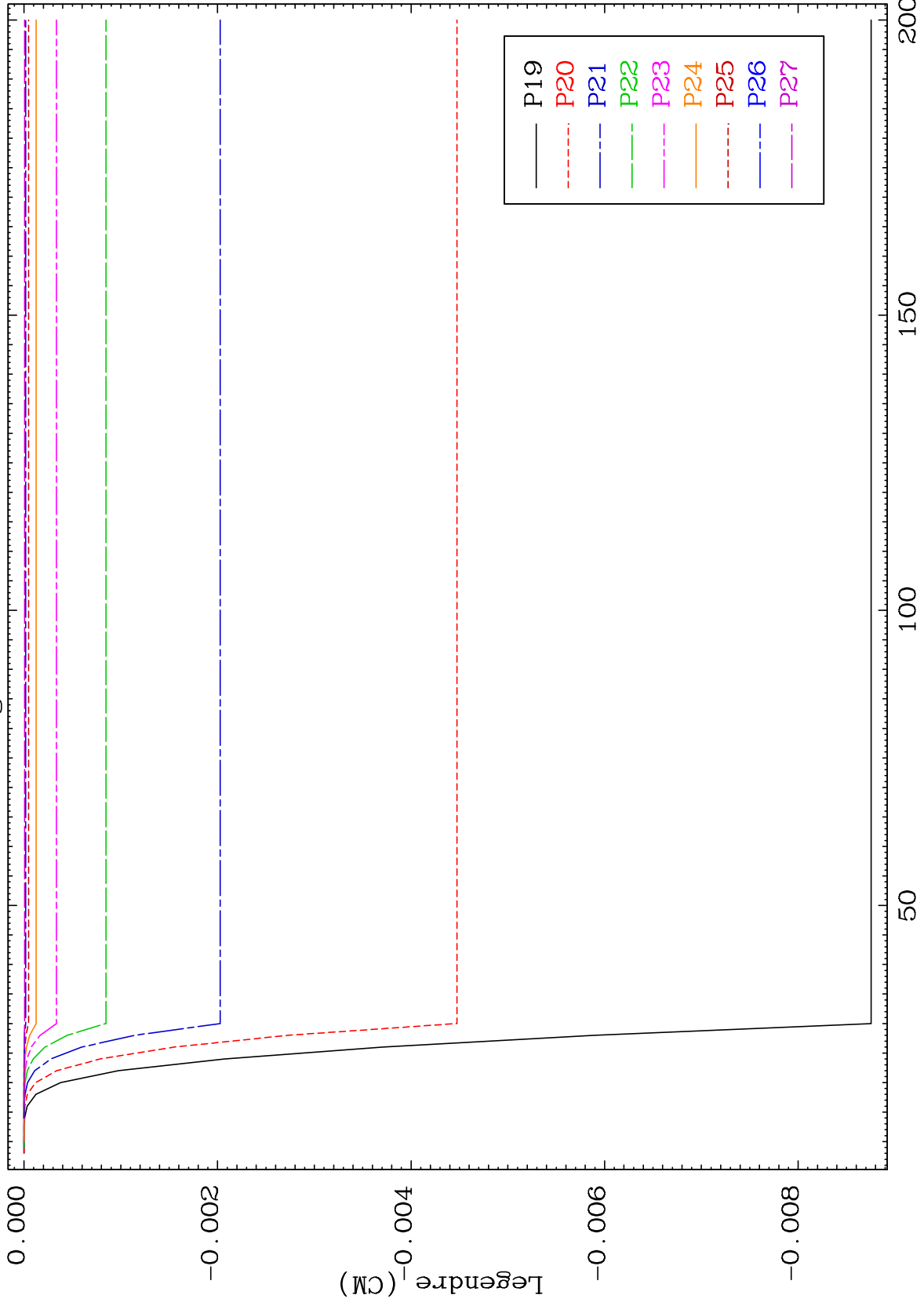
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



48-Cd-118

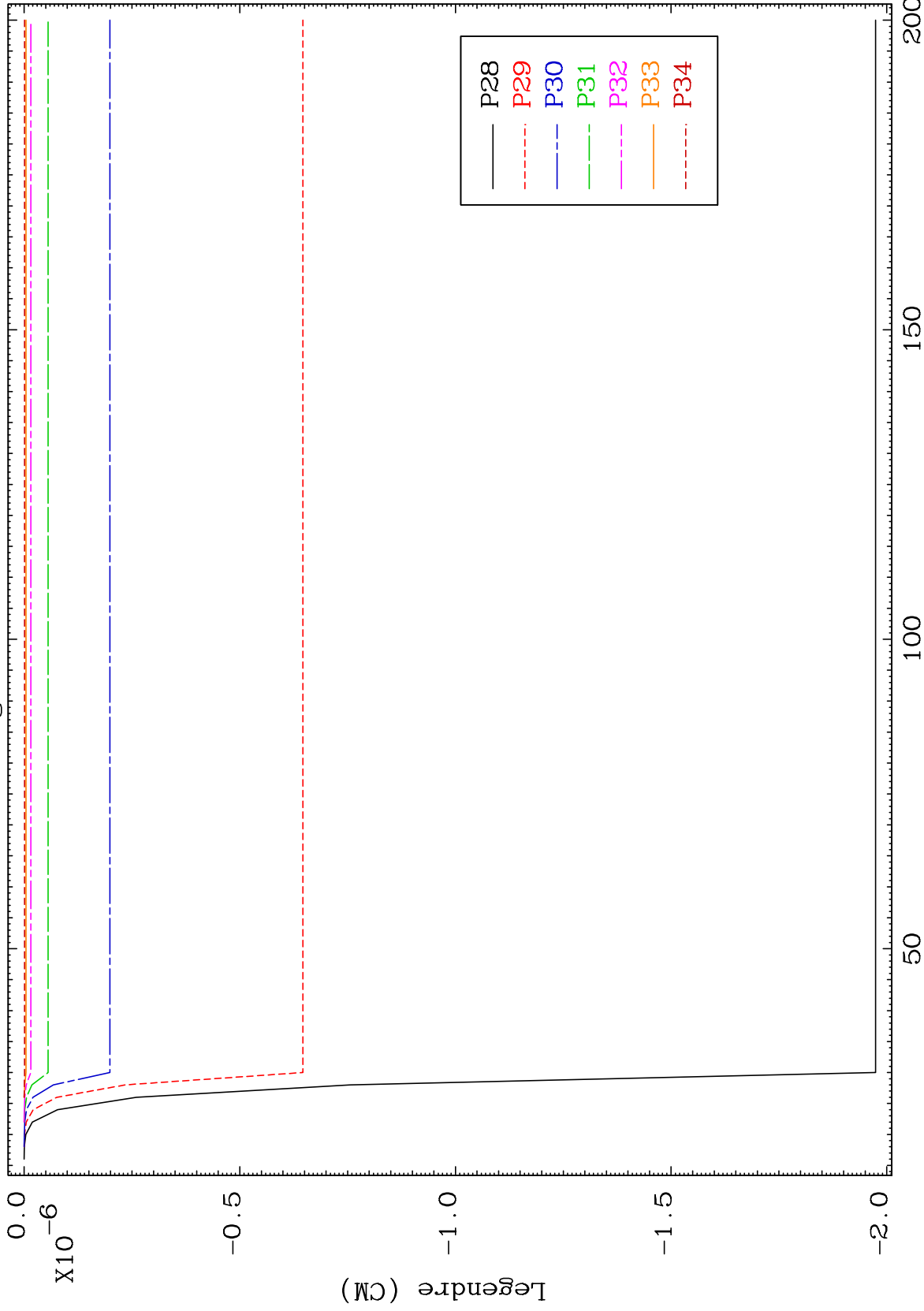
Incident Energy (MeV)

124

MAT 4861

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

48-Cd-118



125

Incident Energy (MeV)

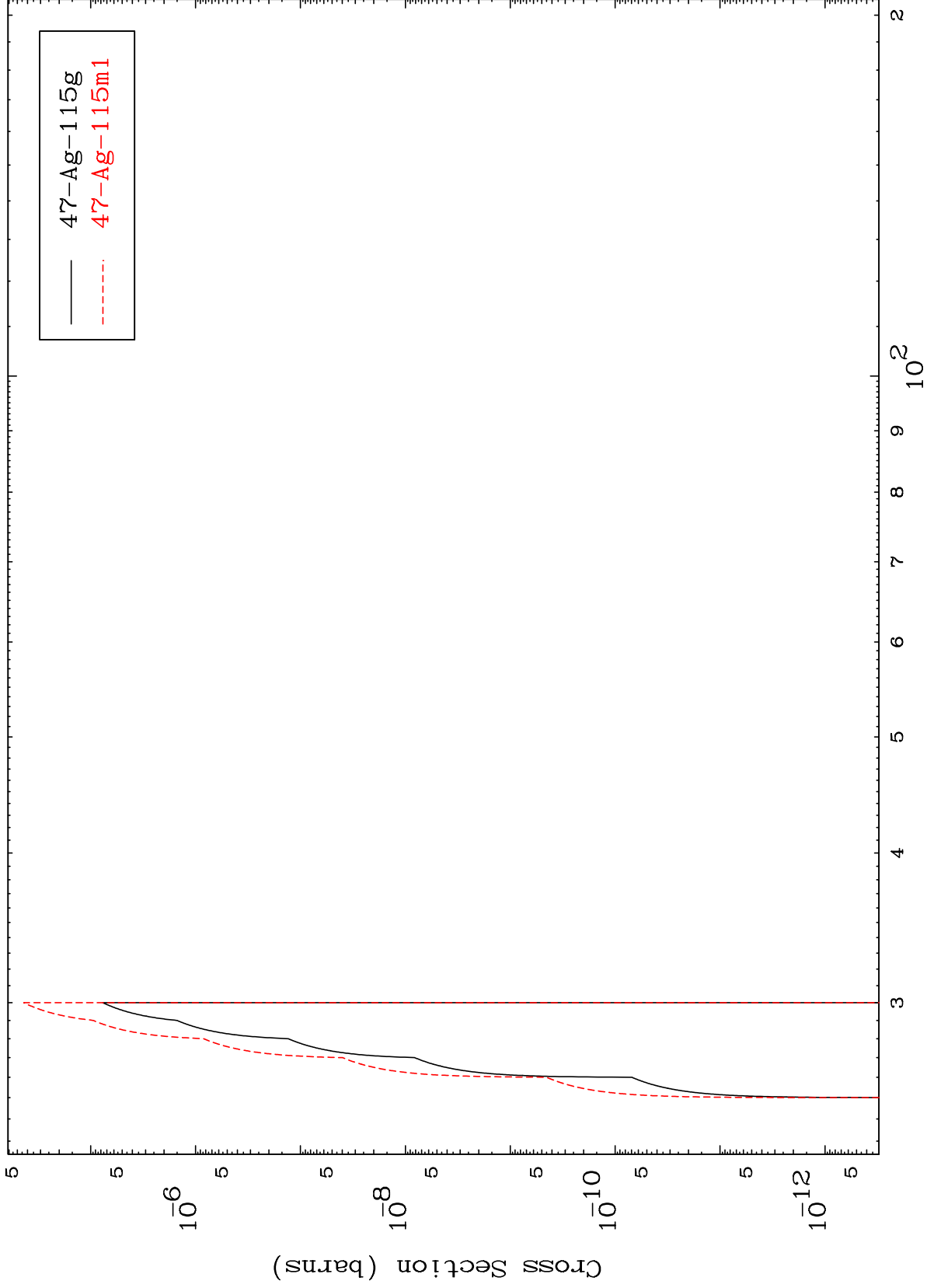
48-Cd-118

MAT 4861

(n,2n) d

48-Cd-118

Radionuclide Production Cross Section



126

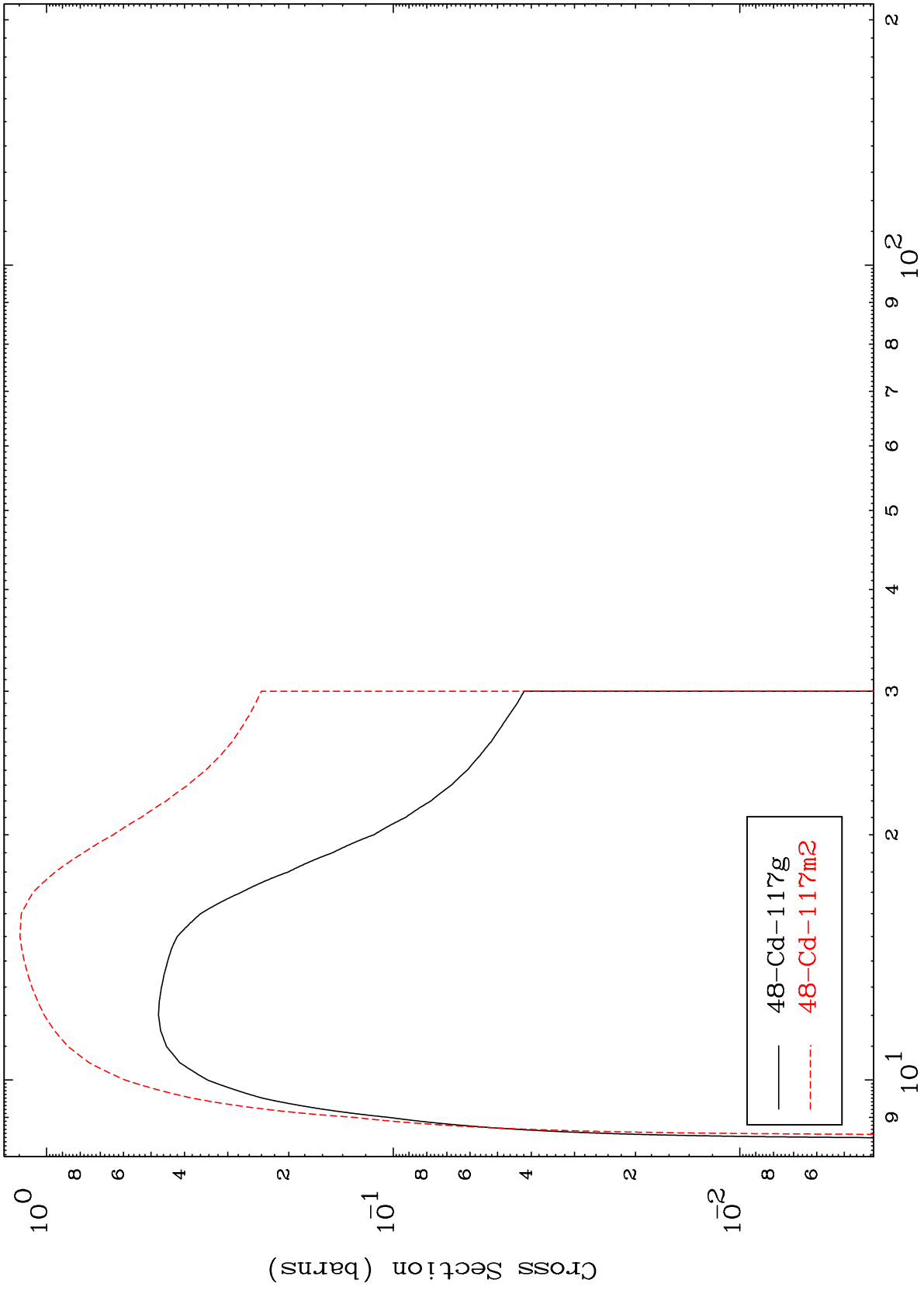
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(n,2n)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

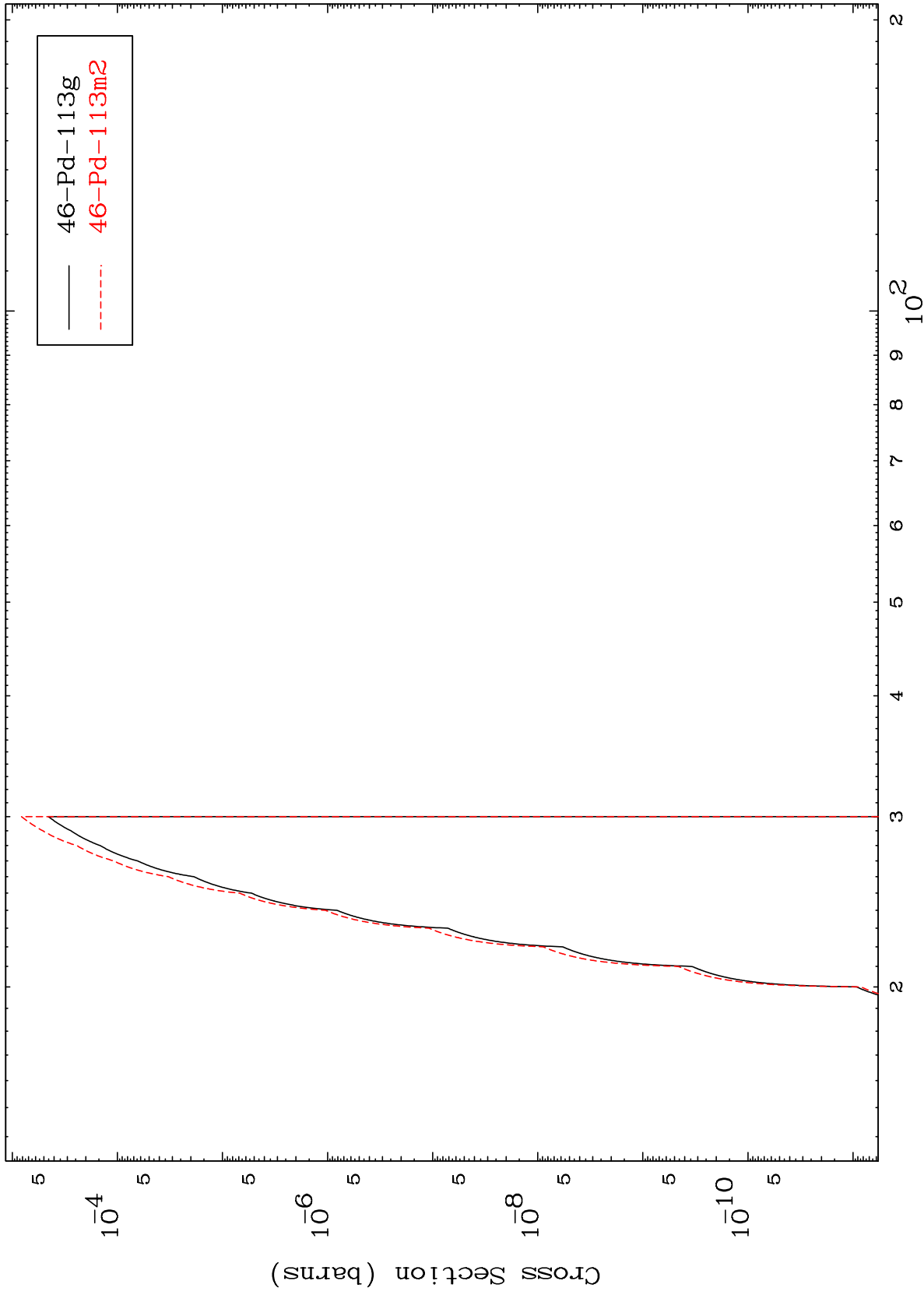
48-Cd-118

MAT 4861

(n,2n) α

48-Cd-118

Radionuclide Production Cross Section



128

Incident Energy (MeV)

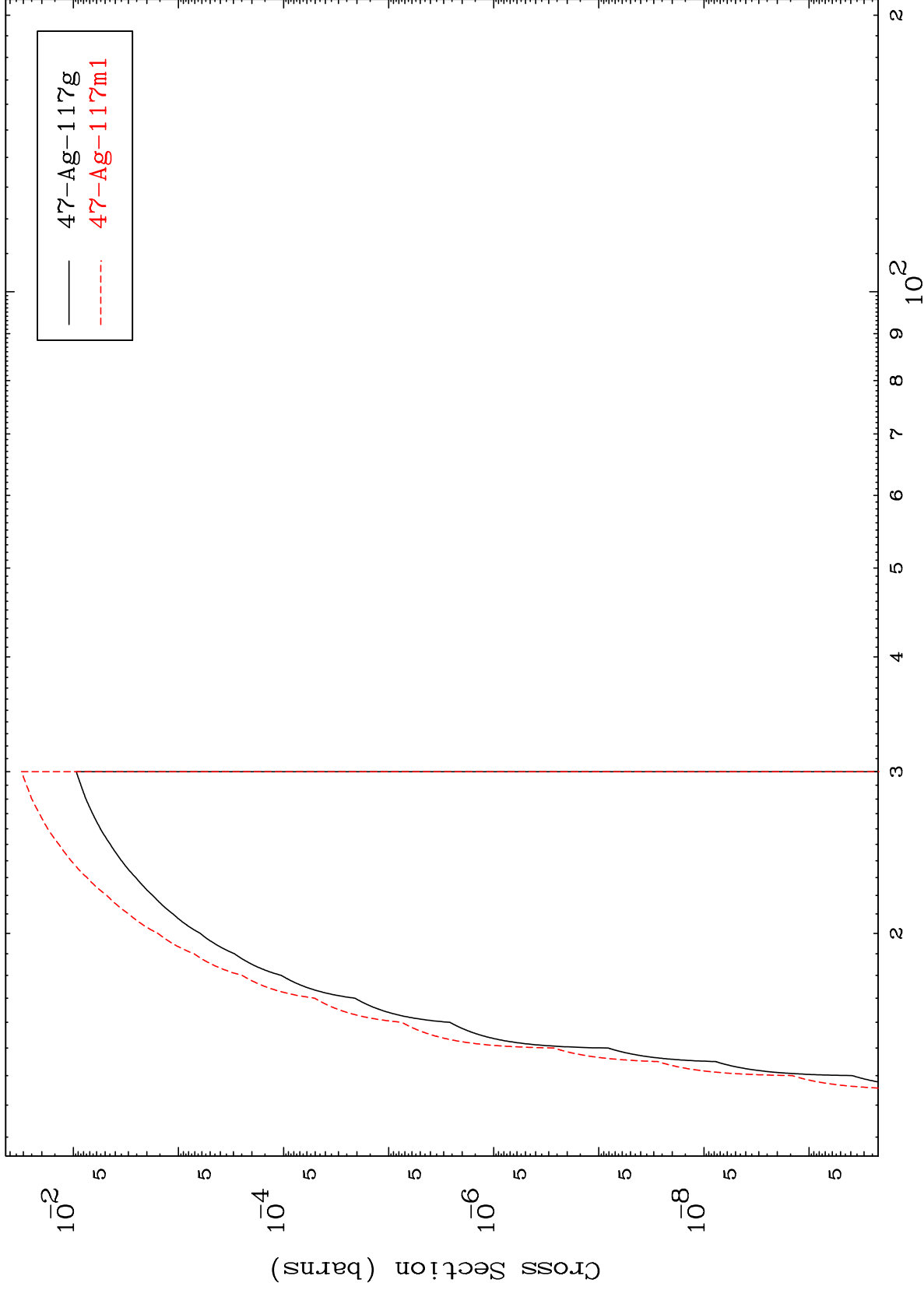
48-Cd-118

MAT 4861

(n,n') p

48-Cd-118

Radionuclide Production Cross Section



129

Incident Energy (MeV)

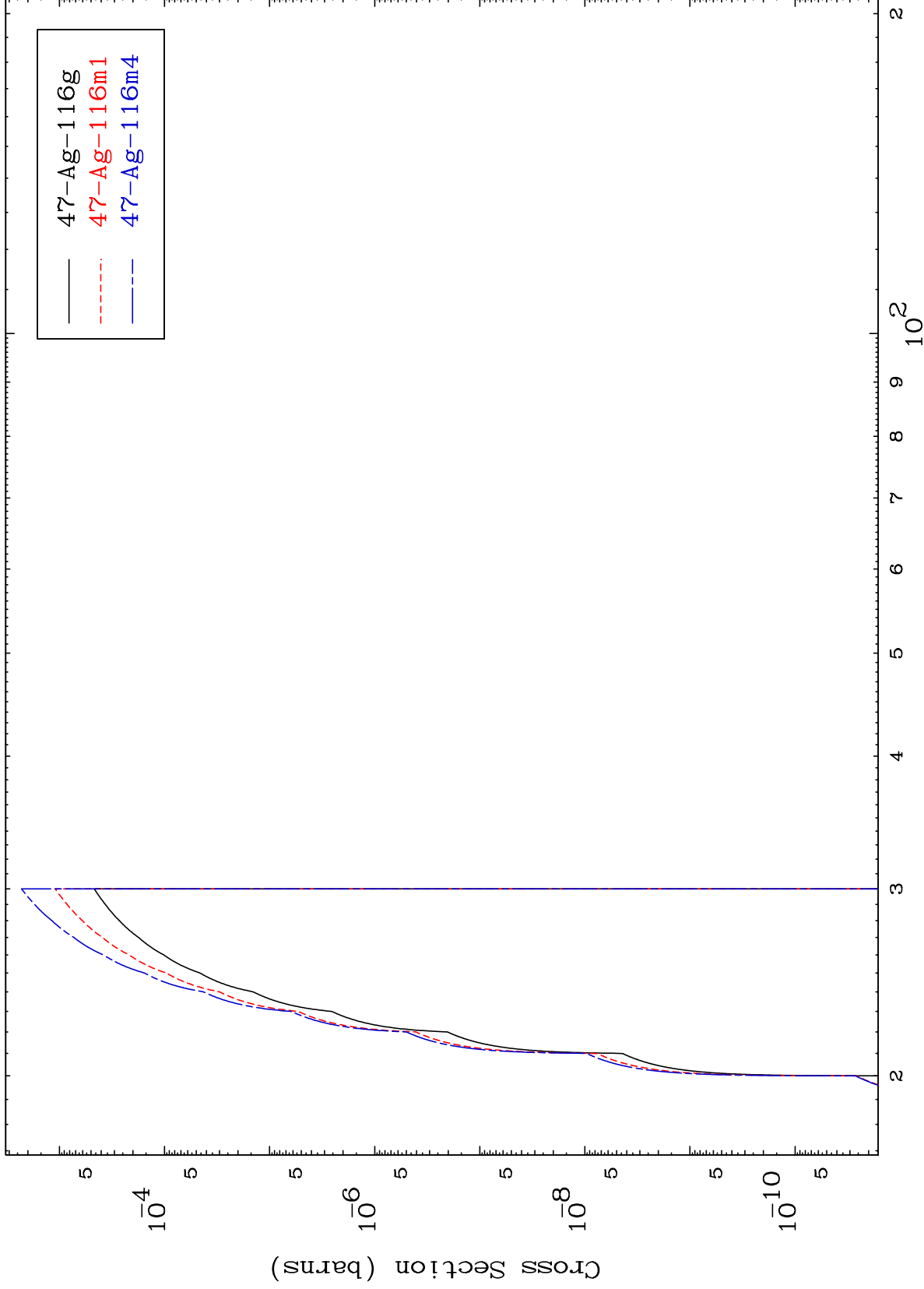
48-Cd-118

MAT 4861

(n,n') d

48-Cd-118

Radionuclide Production Cross Section



130

Incident Energy (MeV)

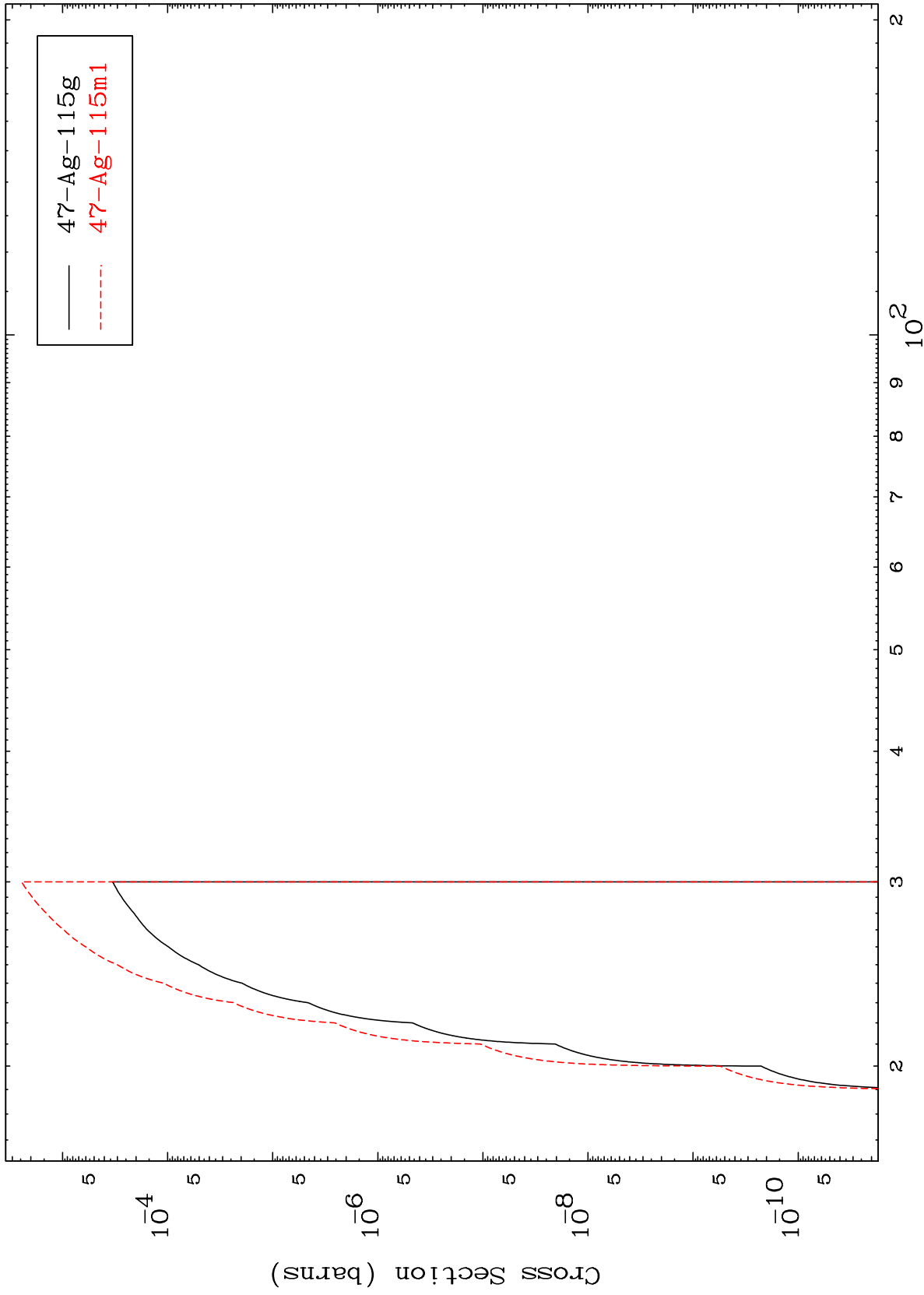
48-Cd-118

MAT 4861

(n,n') t

48-Cd-118

Radionuclide Production Cross Section



131

Incident Energy (MeV)

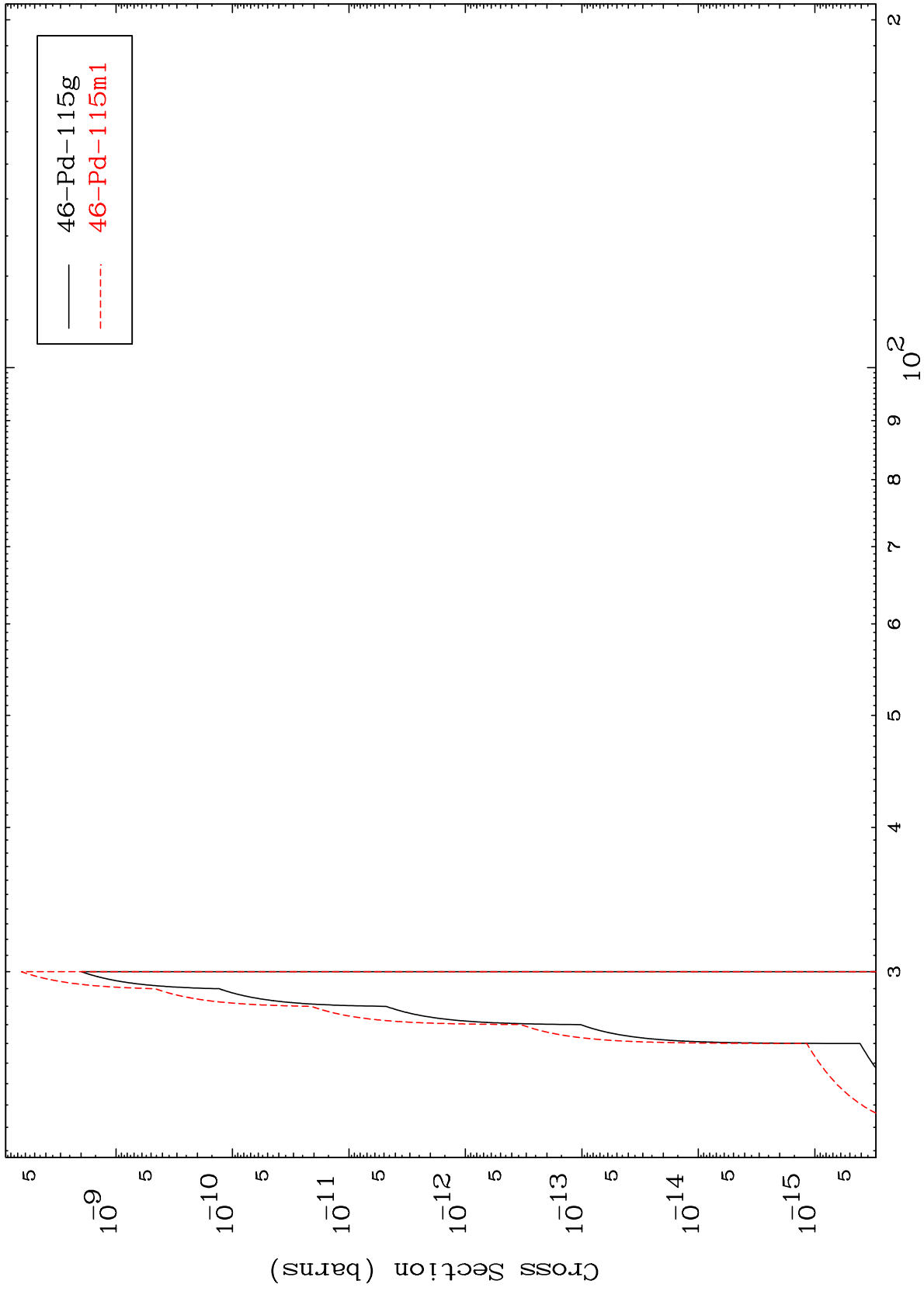
48-Cd-118

MAT 4861

(n, n') He-3

48-Cd-118

Radionuclide Production Cross Section



132

Incident Energy (MeV)

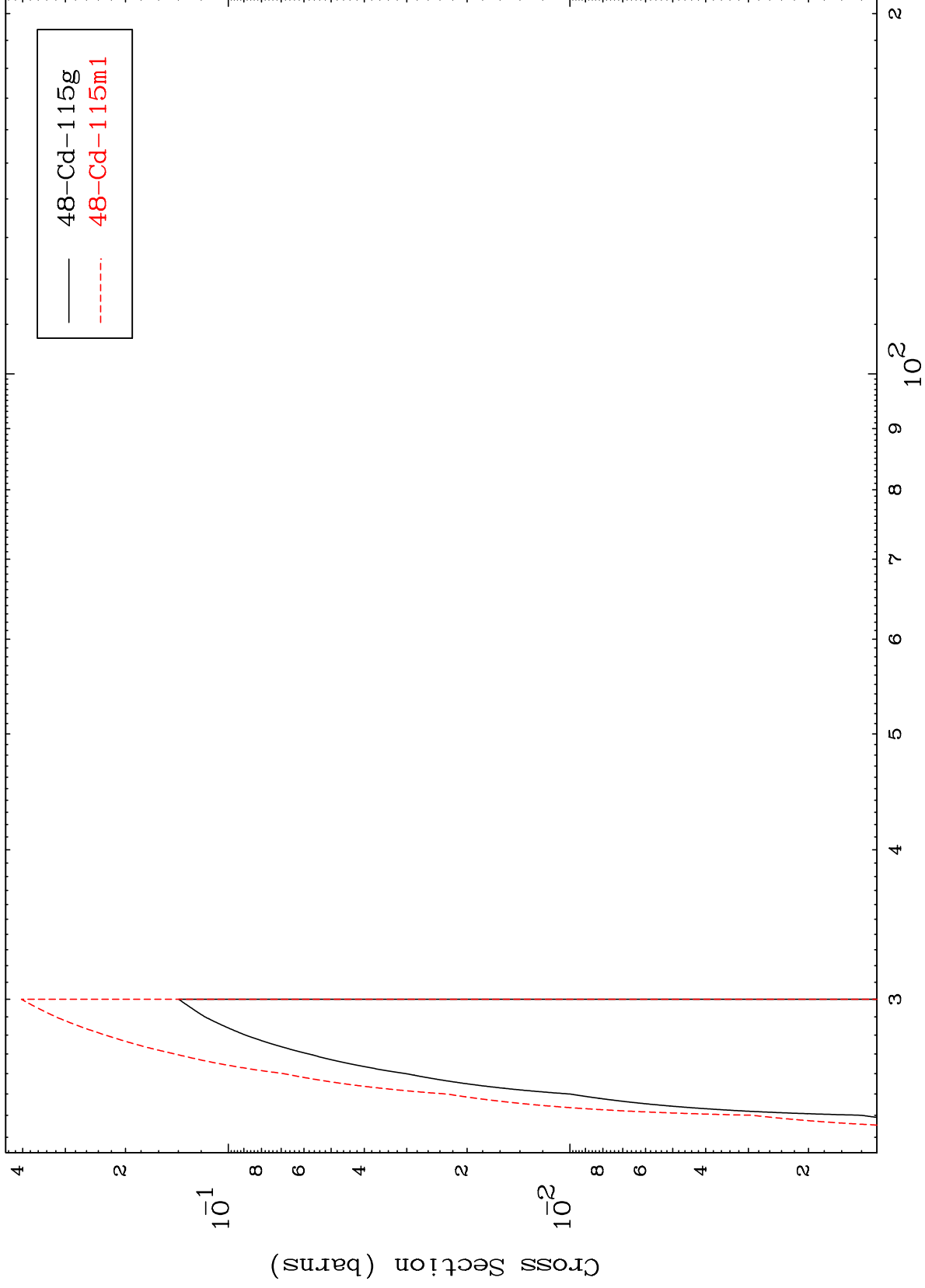
48-Cd-118

MAT 4861

(n,4n)

48-Cd-118

Radionuclide Production Cross Section



133

Incident Energy (MeV)

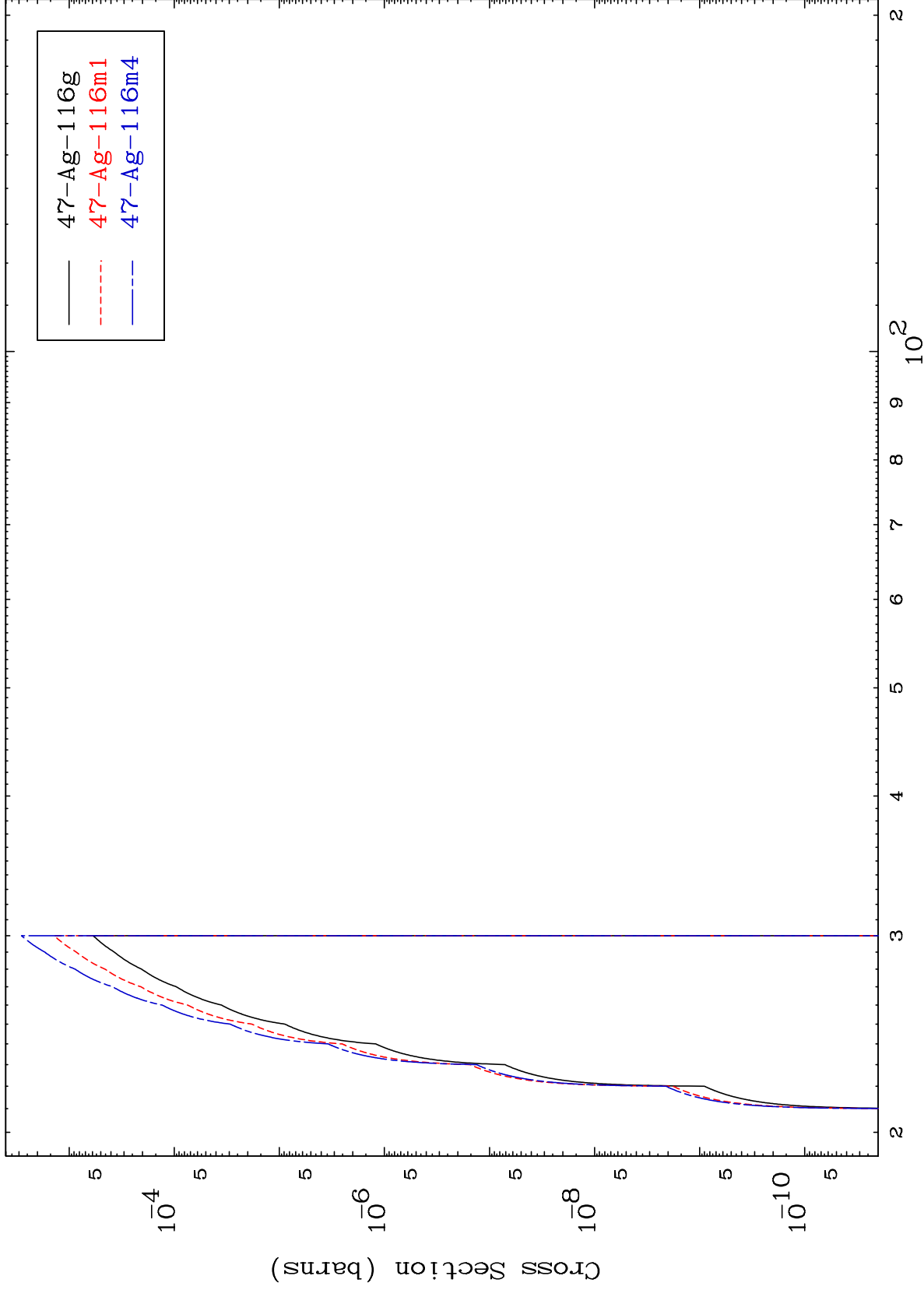
48-Cd-118

MAT 4861

(n,2n) p

48-Cd-118

Radionuclide Production Cross Section



134

Incident Energy (MeV)

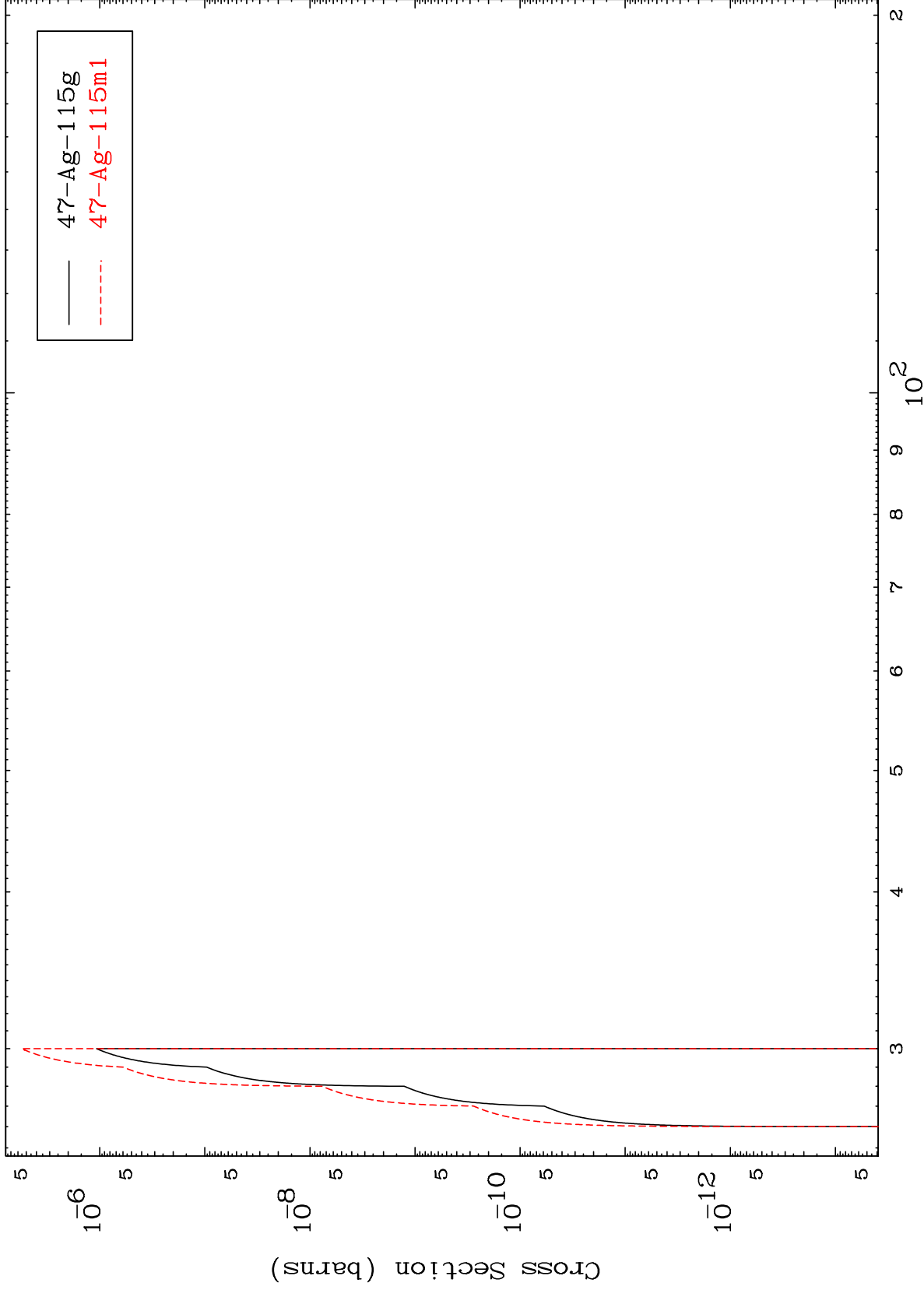
48-Cd-118

MAT 4861

(n,3n) p

48-Cd-118

Radionuclide Production Cross Section



135

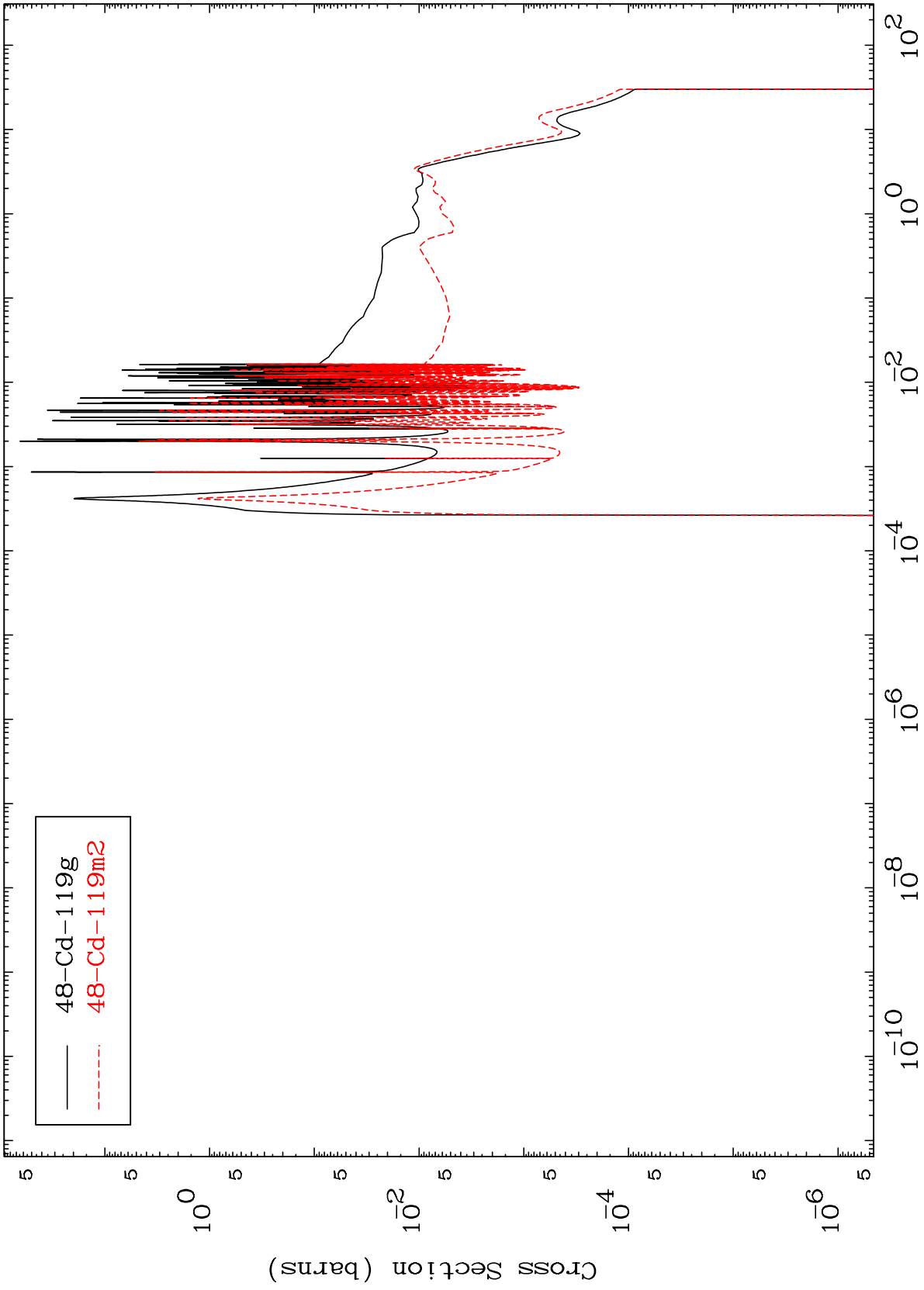
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

Radionuclide Production Cross Section
(n,γ)



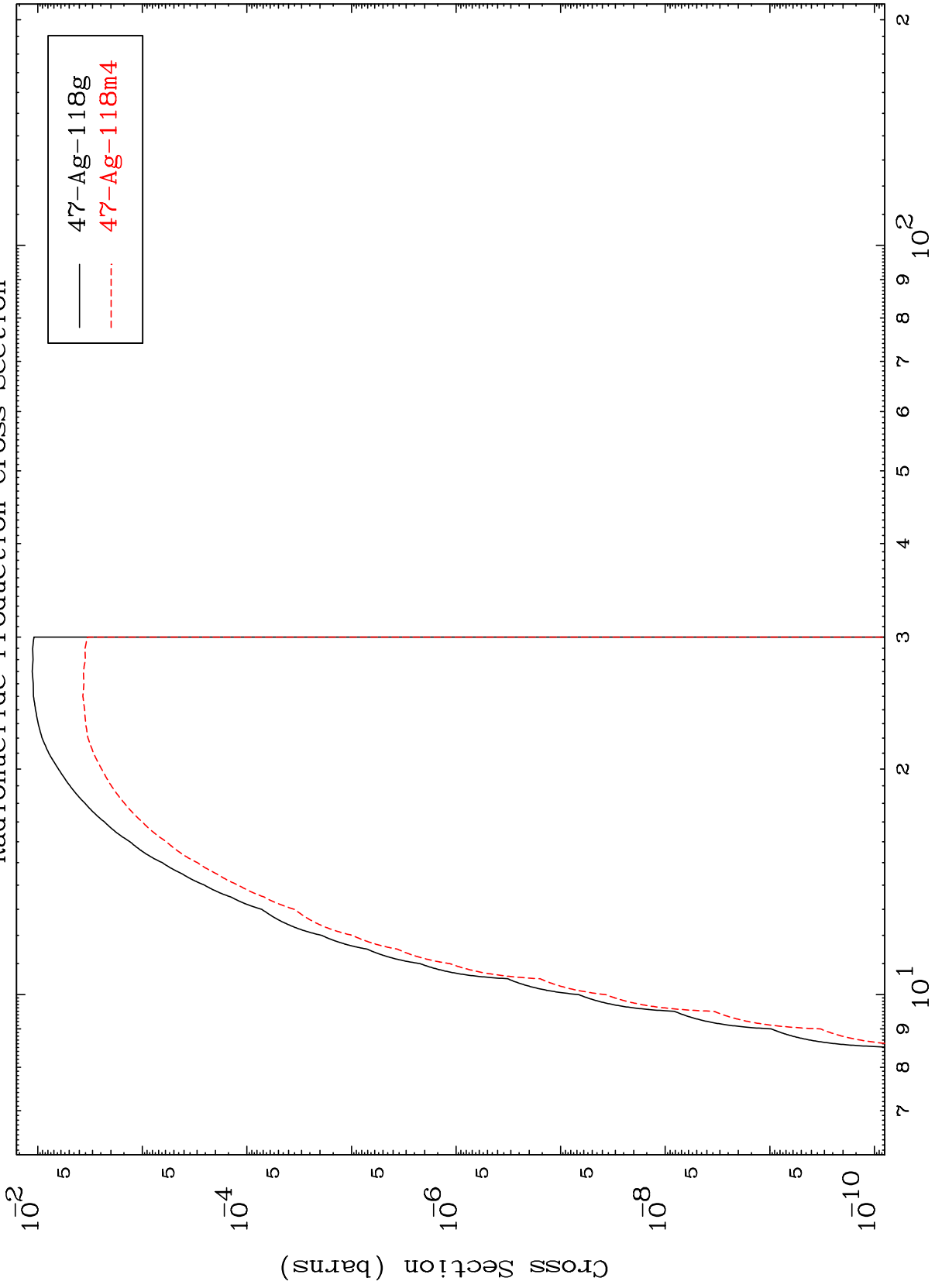
136

48-Cd-118

MAT 4861

48-Cd-118

(n,p)
Radionuclide Production Cross Section



137

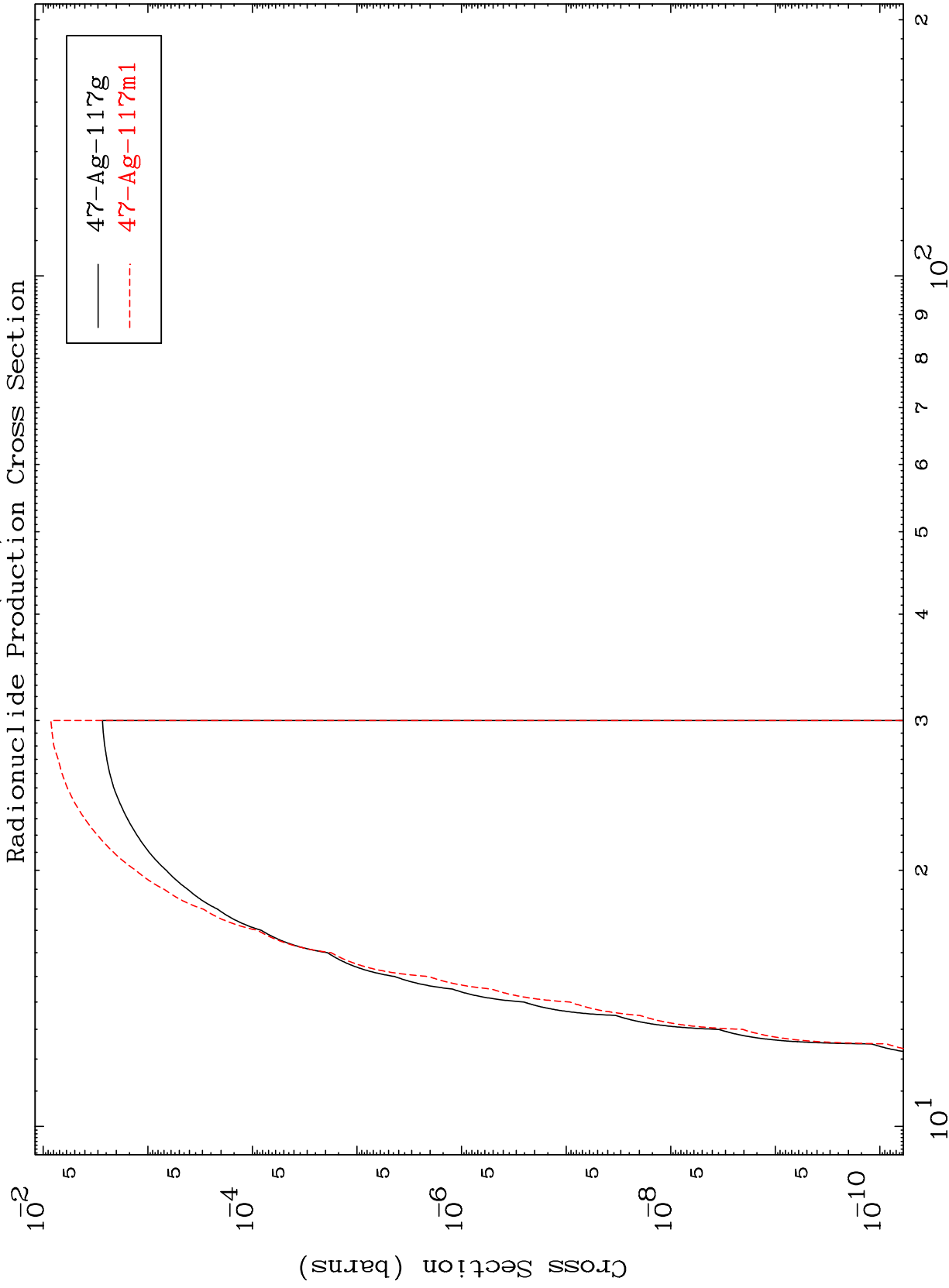
Incident Energy (MeV)

48-Cd-118

MAT 4861

(n,d)

48-Cd-118



138

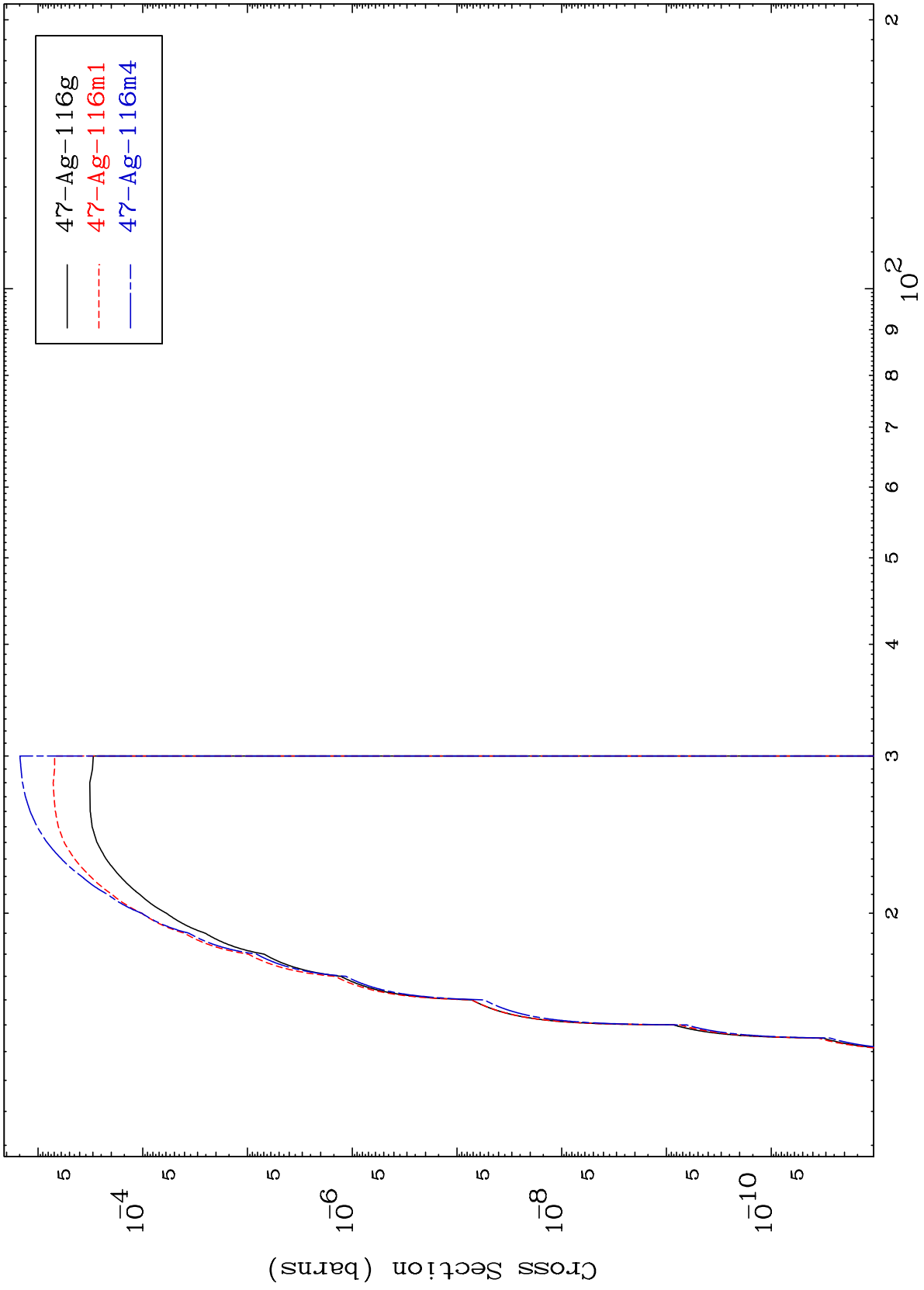
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(n, t)
Radionuclide Production Cross Section



139

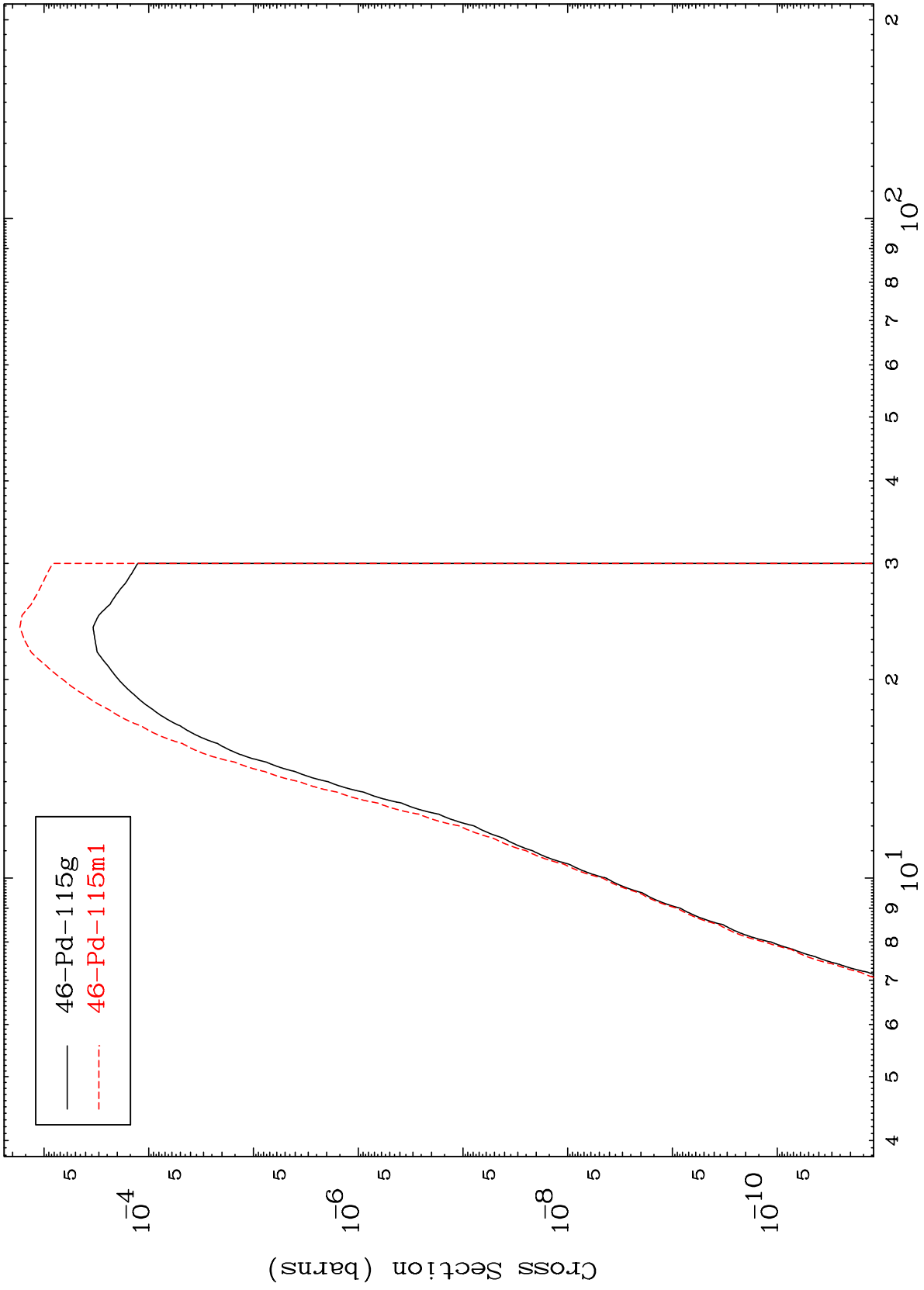
48-Cd-118

Incident Energy (MeV)

MAT 4861

48-Cd-118

(n, α)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

48-Cd-118