

Program EVALPLOT
(Version 2018-1)

by

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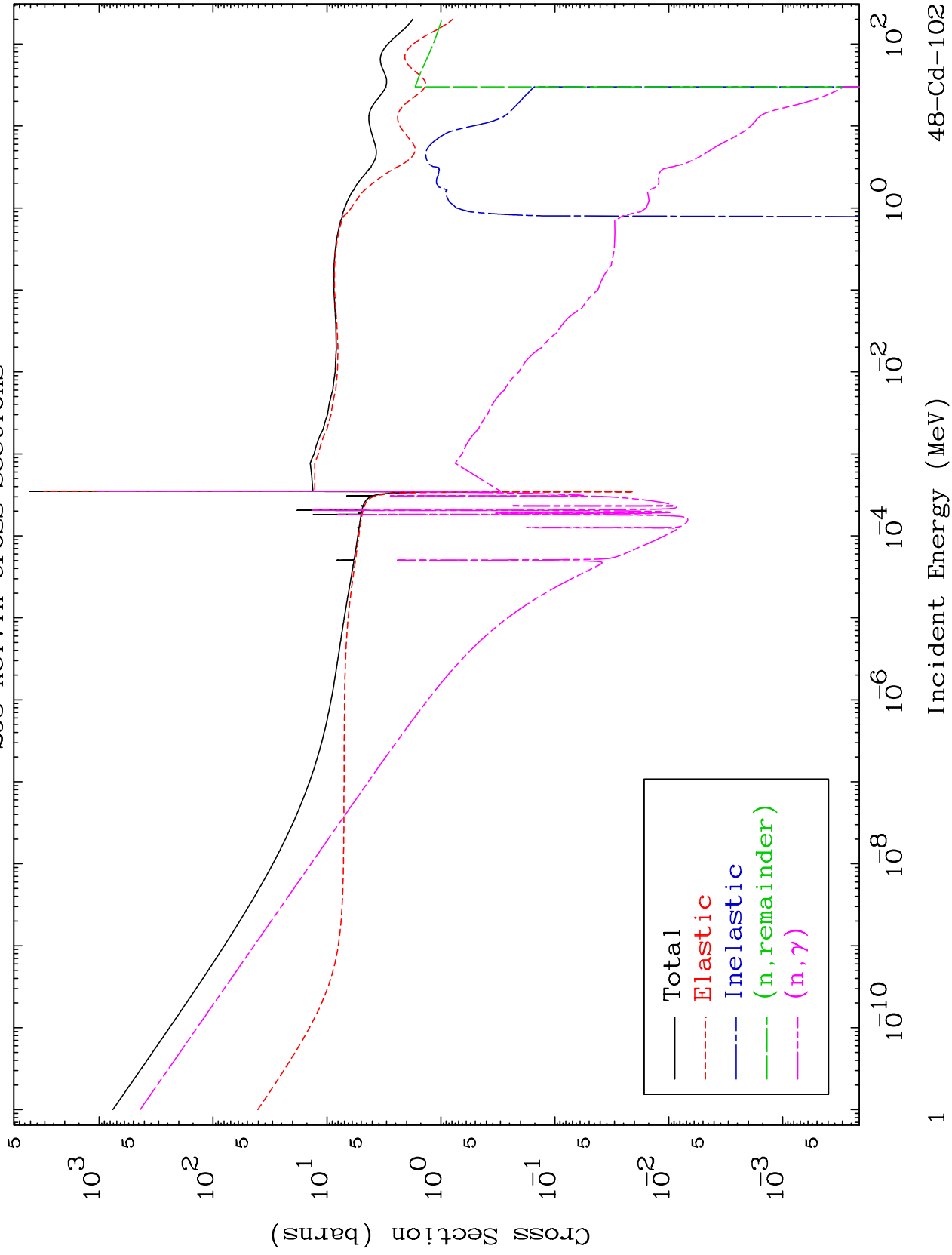
Press Mouse Button to Start

MAT 4813

Major

293 Kelvin Cross Sections

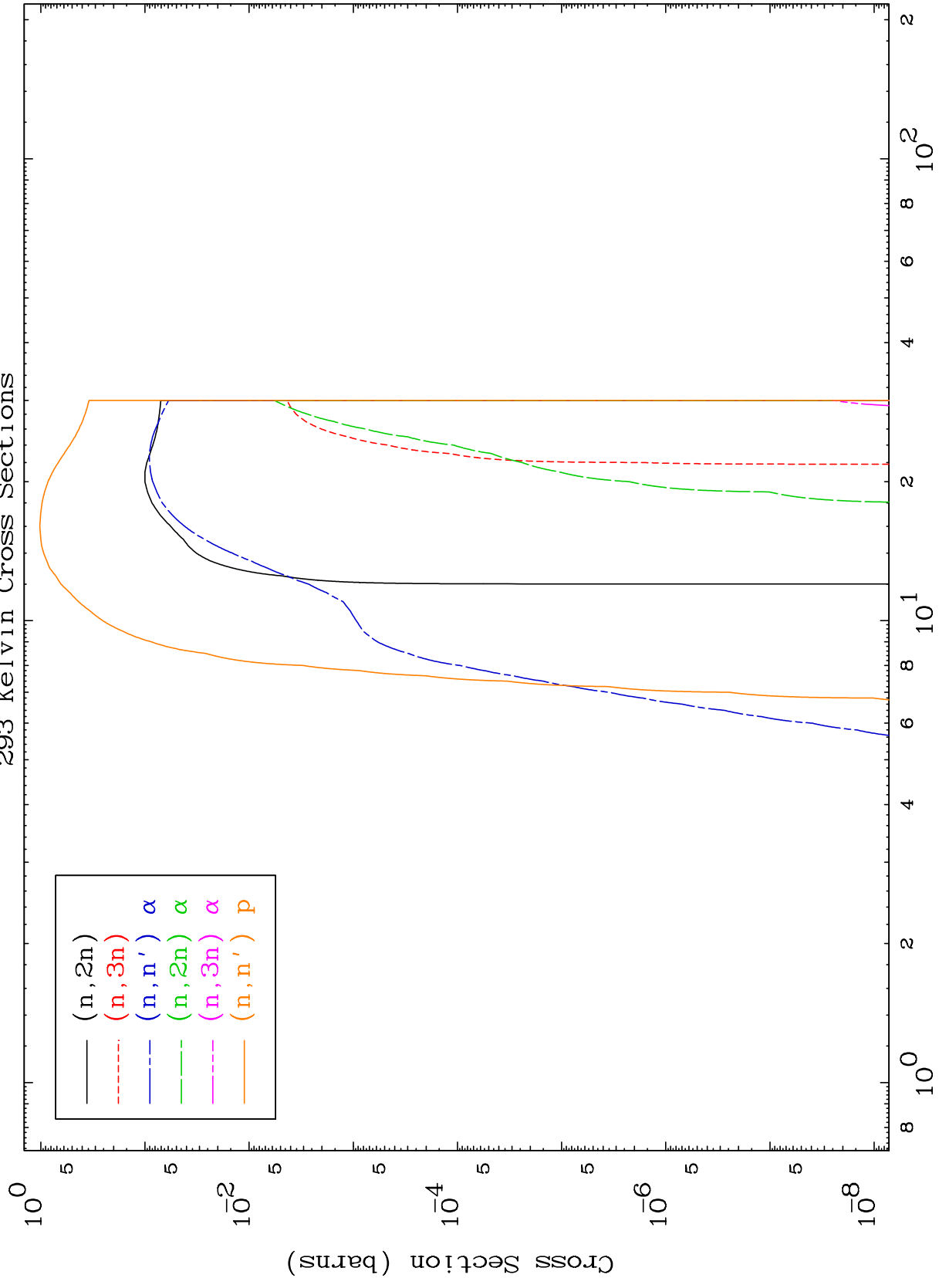
48-Cd-102



MAT 4813

Neutron Production
293 Kelvin Cross Sections

48-Cd-102



2

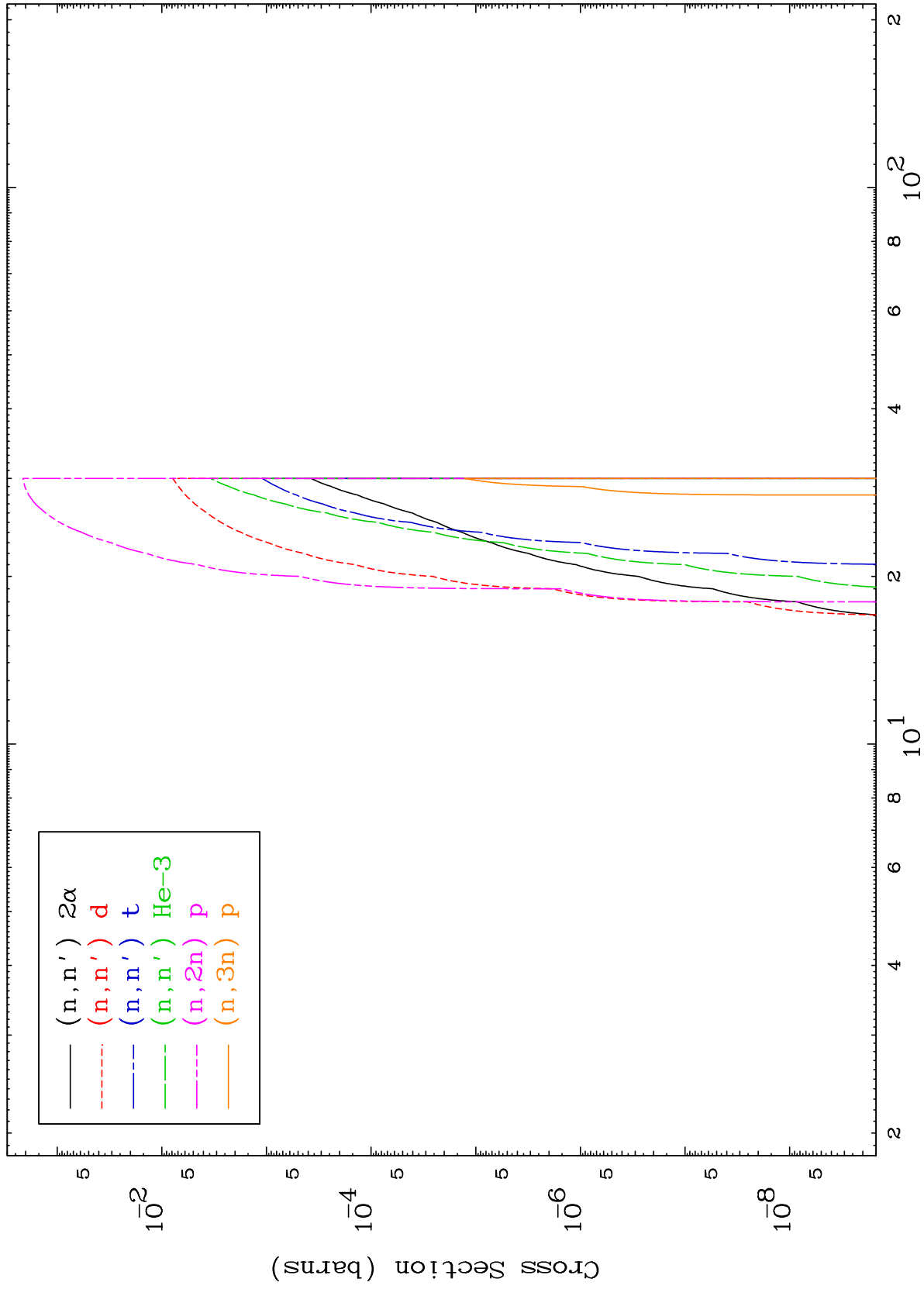
Incident Energy (MeV)

48-Cd-102

MAT 4813

Neutron Production
293 Kelvin Cross Sections

48-Cd-102



3

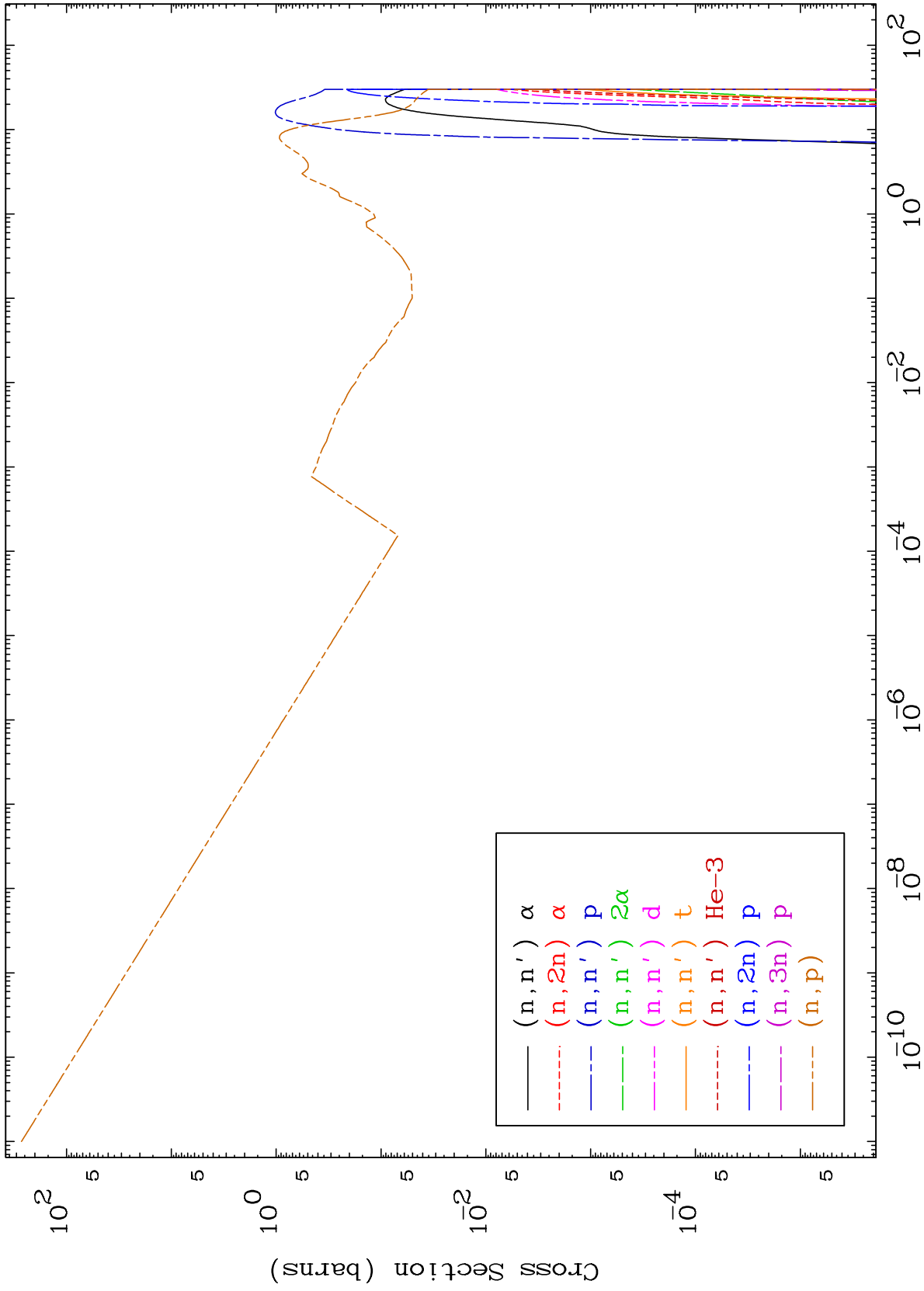
Incident Energy (MeV)

48-Cd-102

MAT 4813

Charged Particle
293 Kelvin Cross Sections

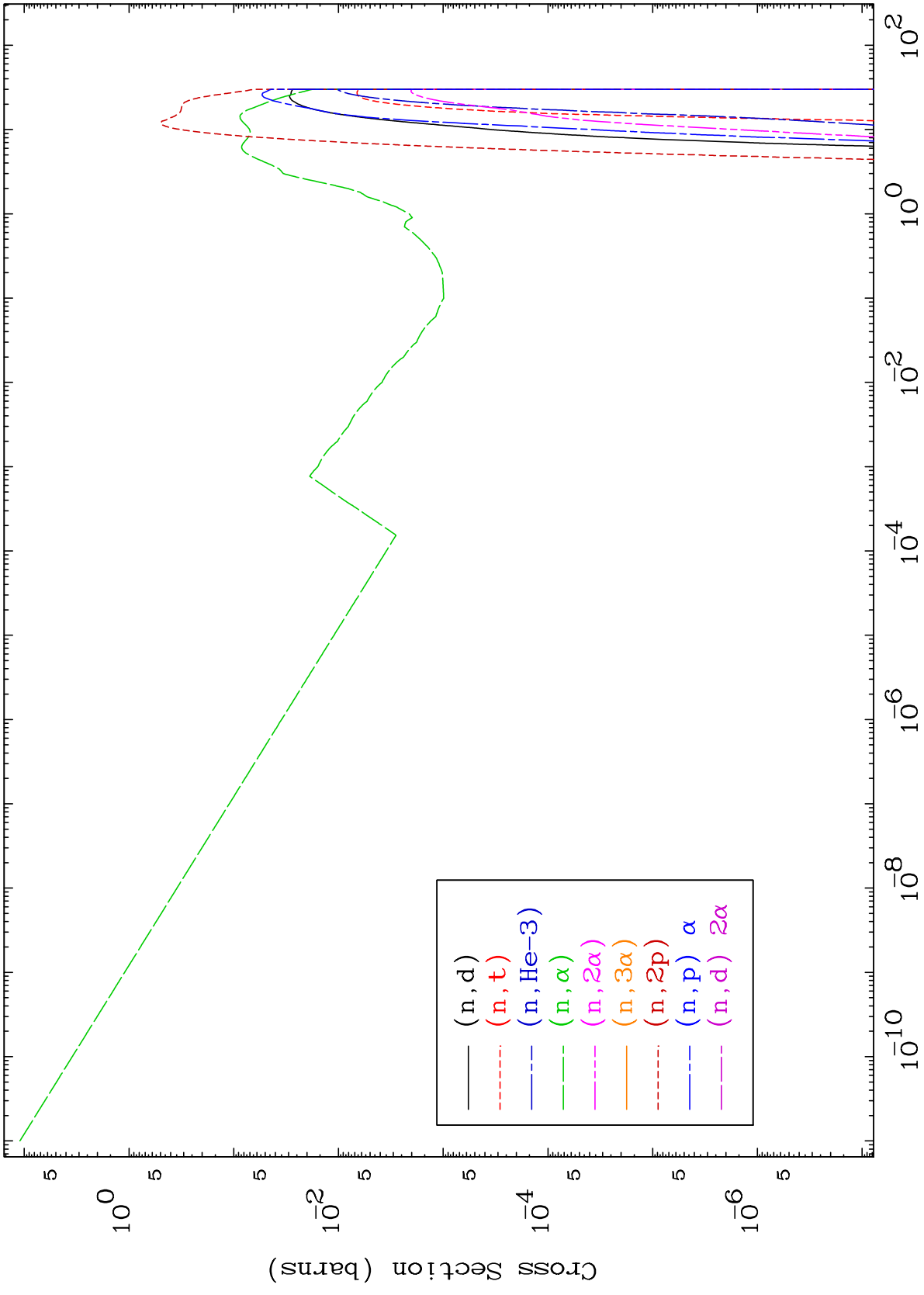
48-Cd-102



MAT 4813

Charged Particle
293 Kelvin Cross Sections

48-Cd-102

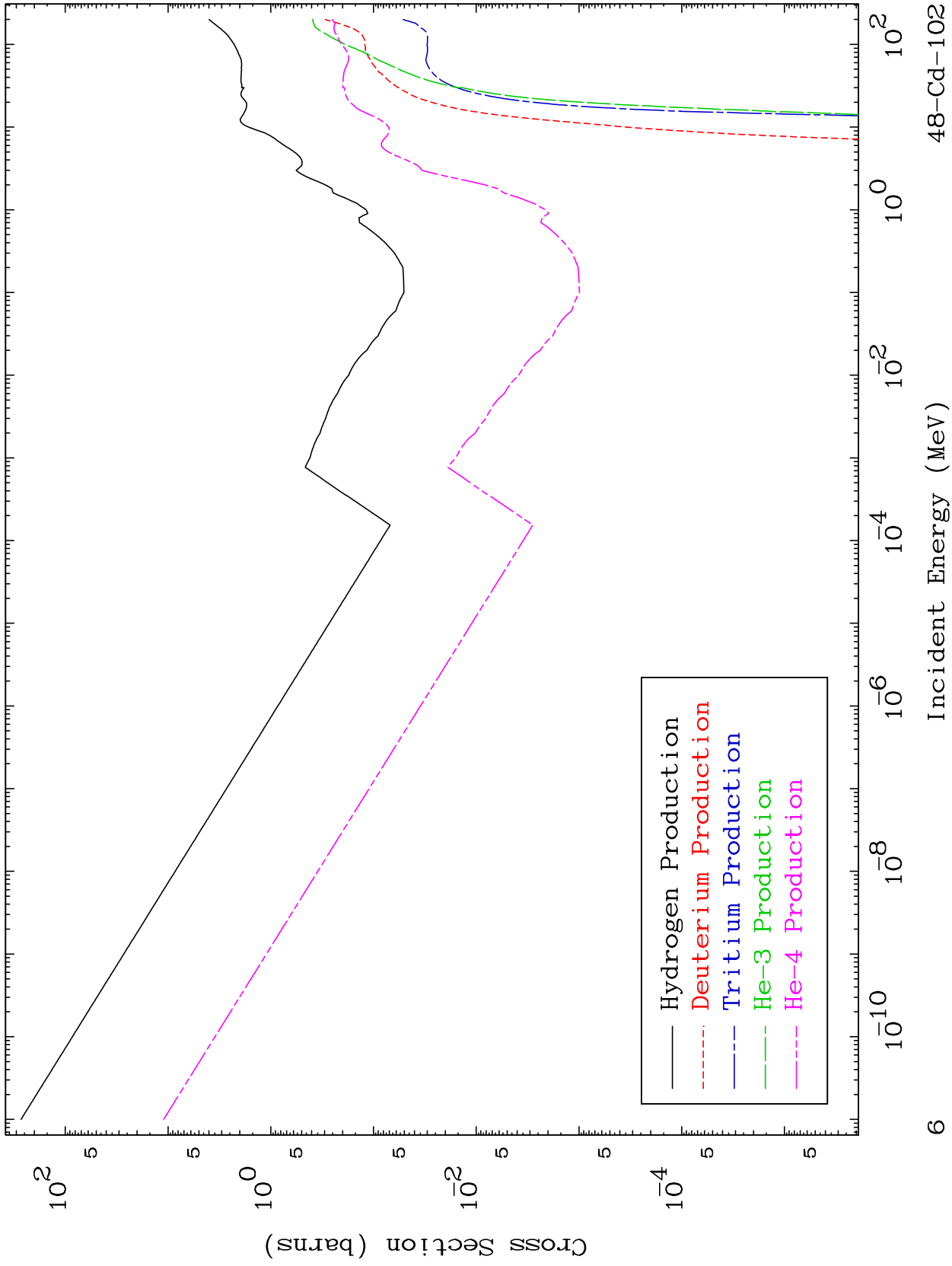


48-Cd-102

MAT 4813

Particle Production
293 Kelvin Cross Sections

48-Cd-102

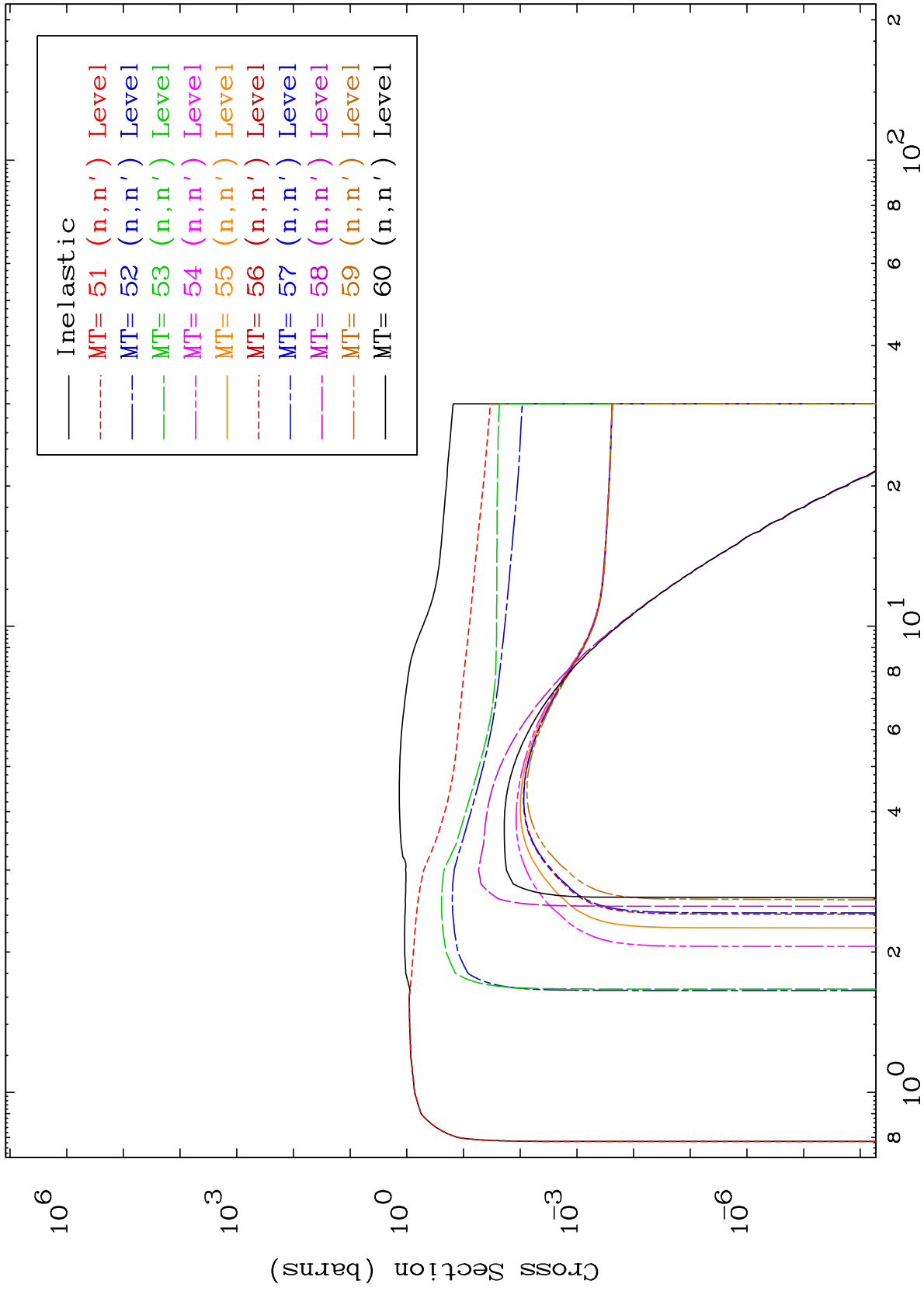


MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

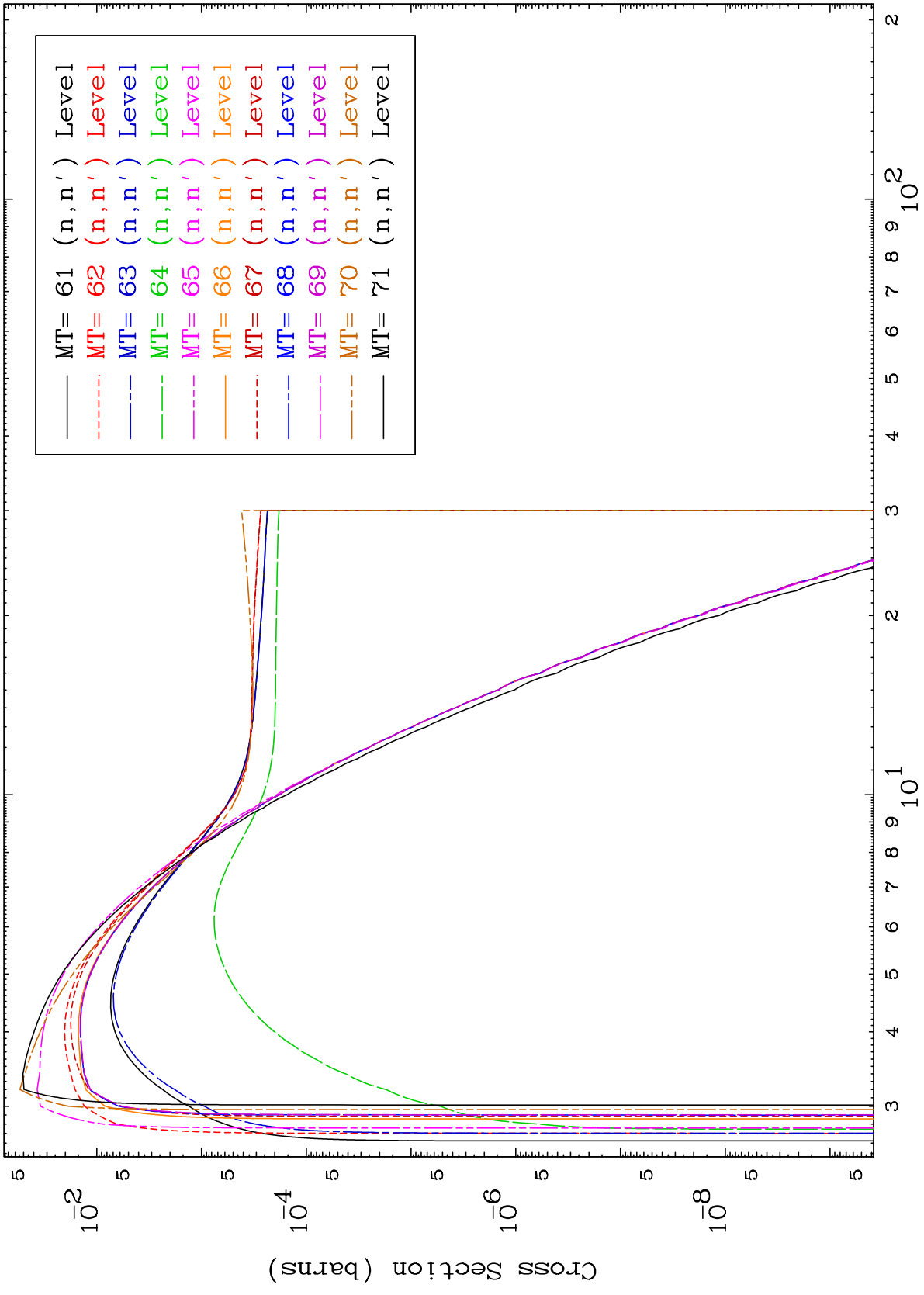
48-Cd-102

MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

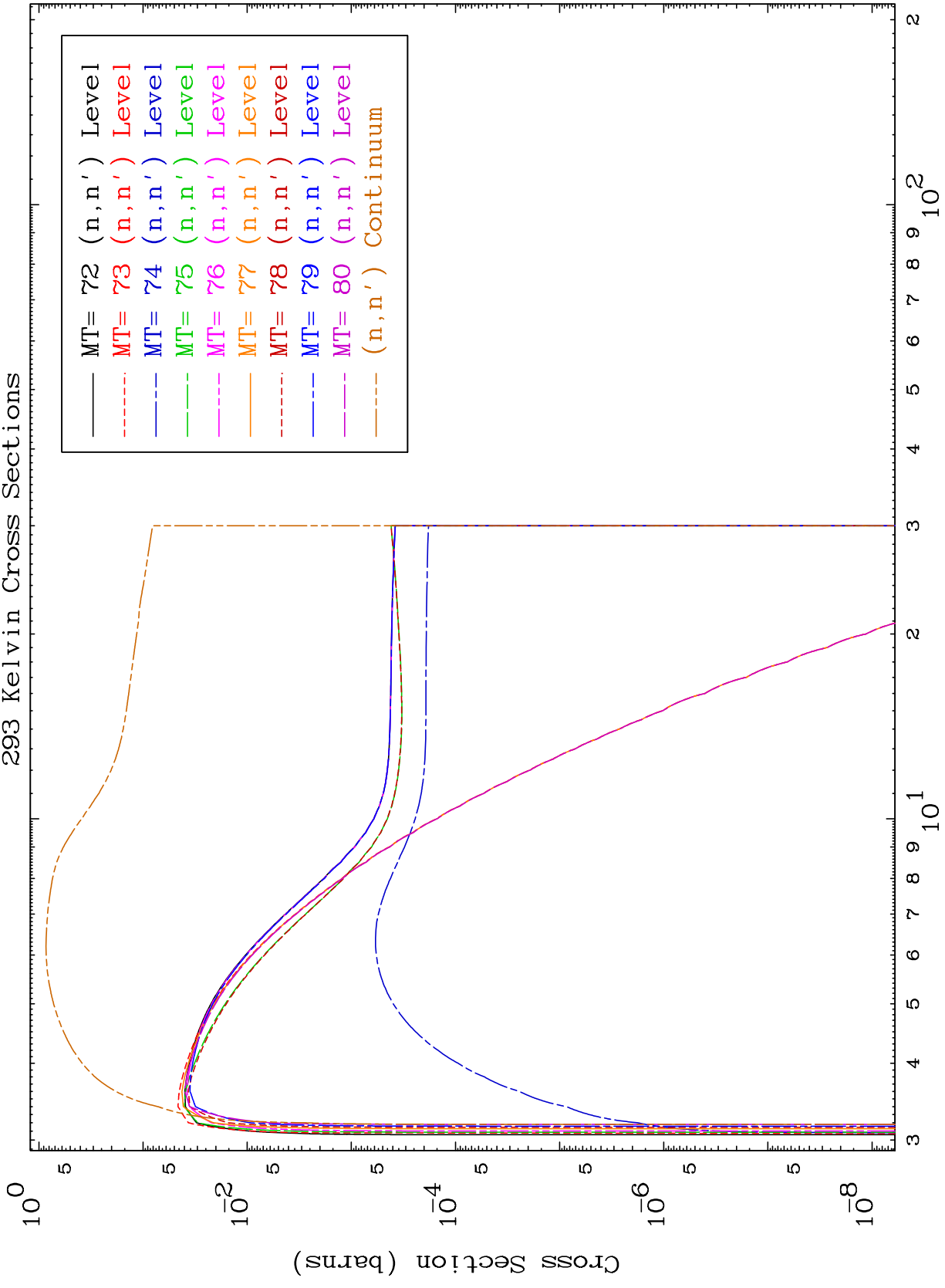
48-Cd-102

MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



9

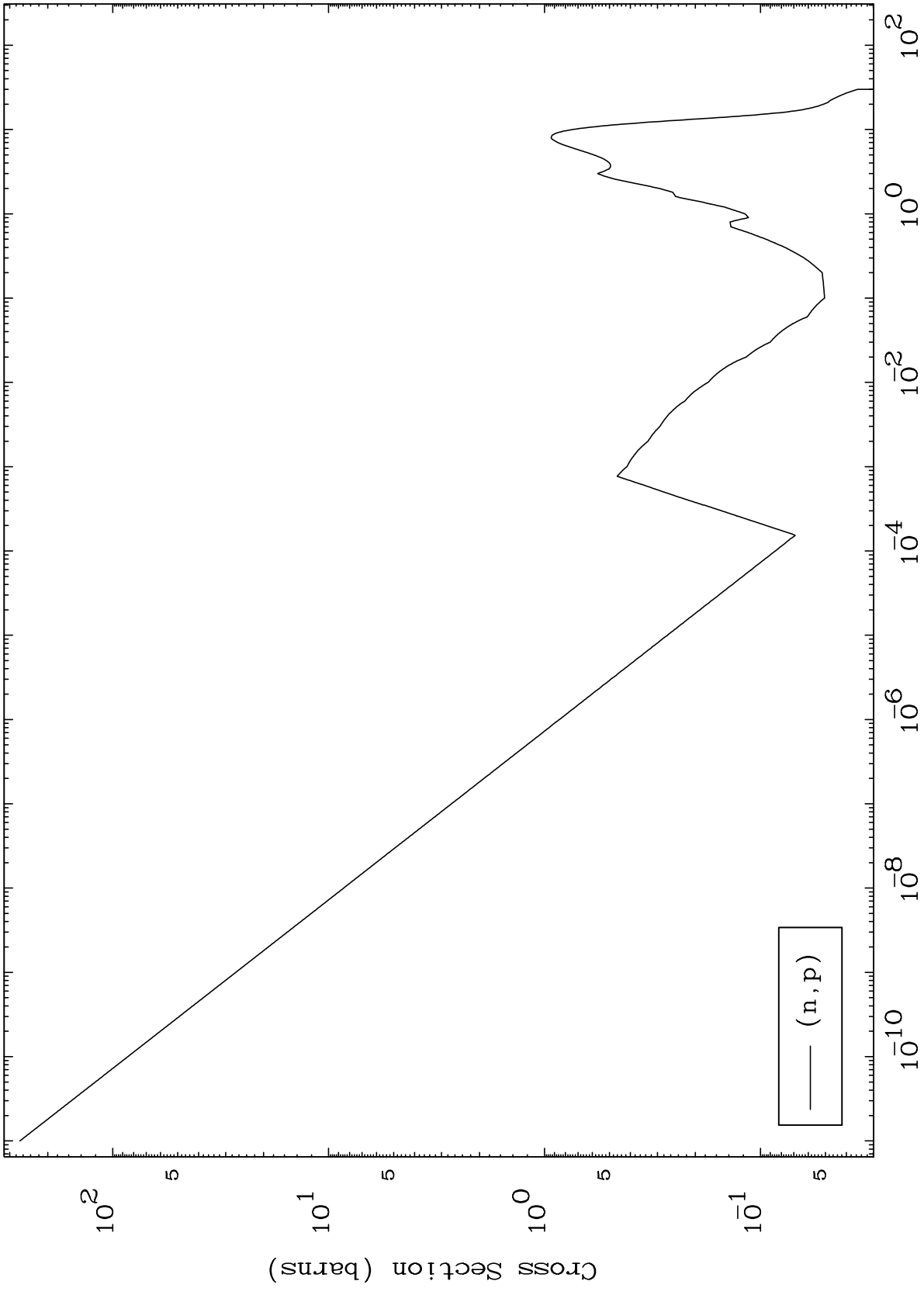
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-102



10

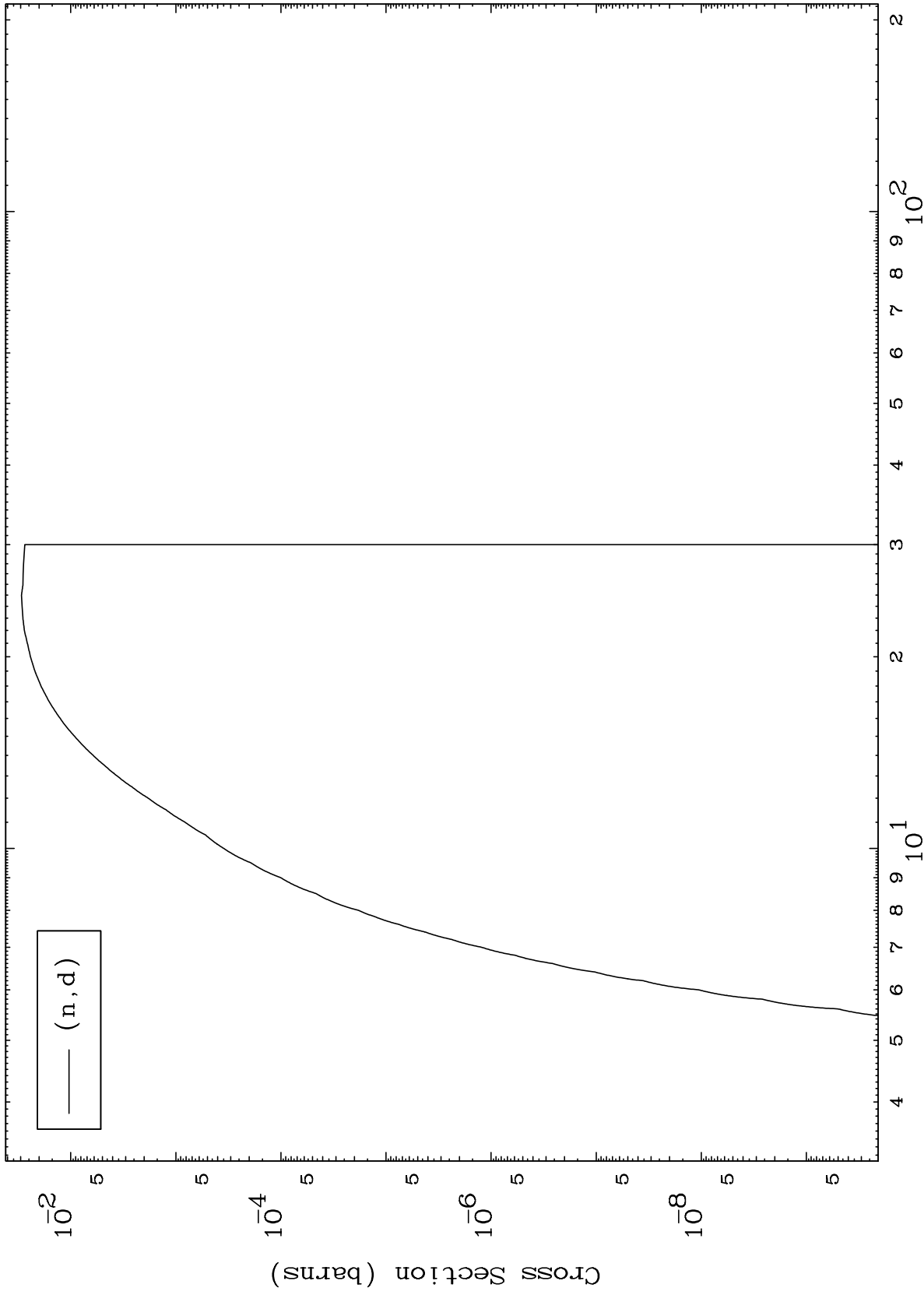
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-102



11

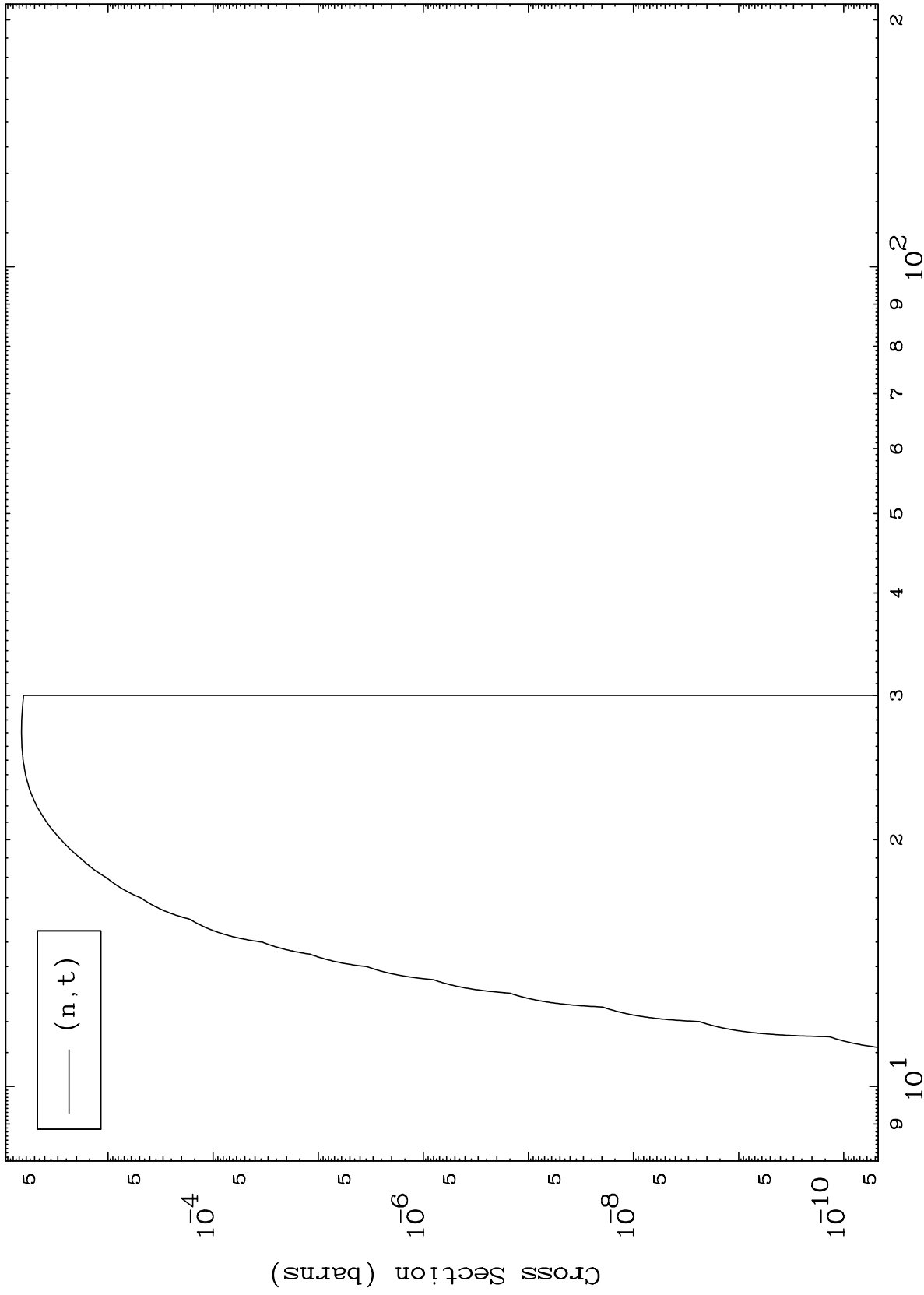
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-102



12

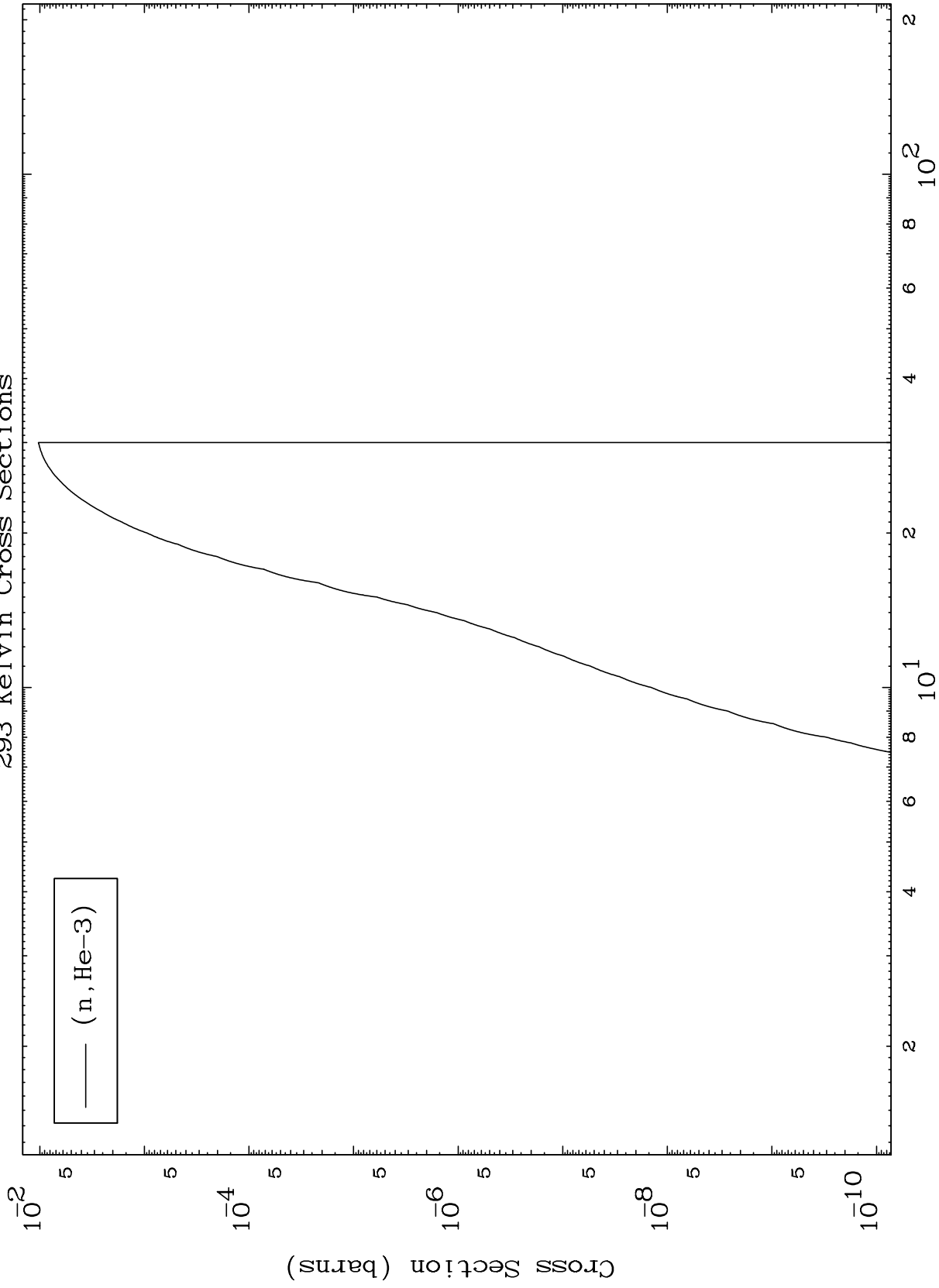
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,He3) Levels
293 Kelvin Cross Sections

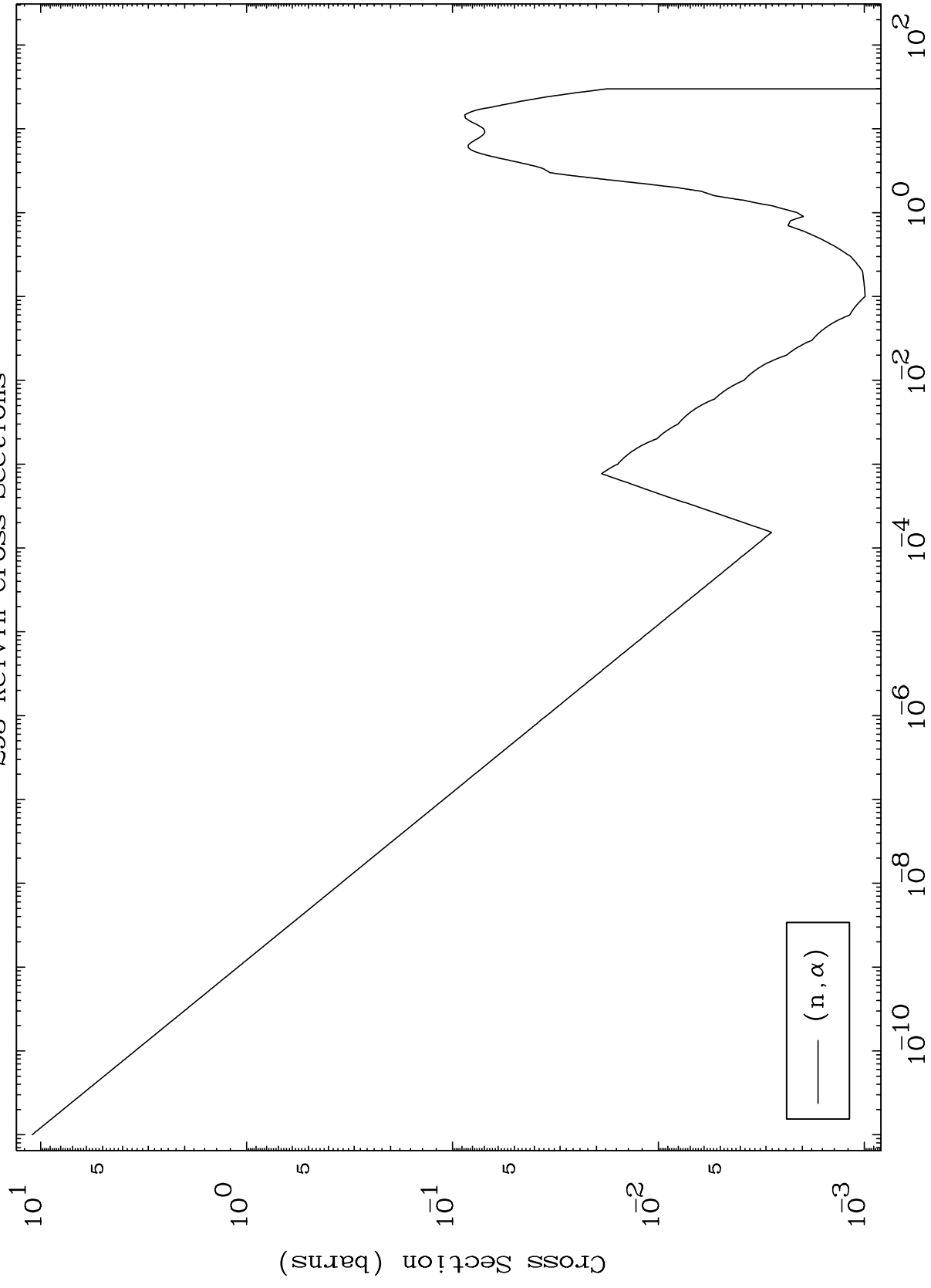
48-Cd-102



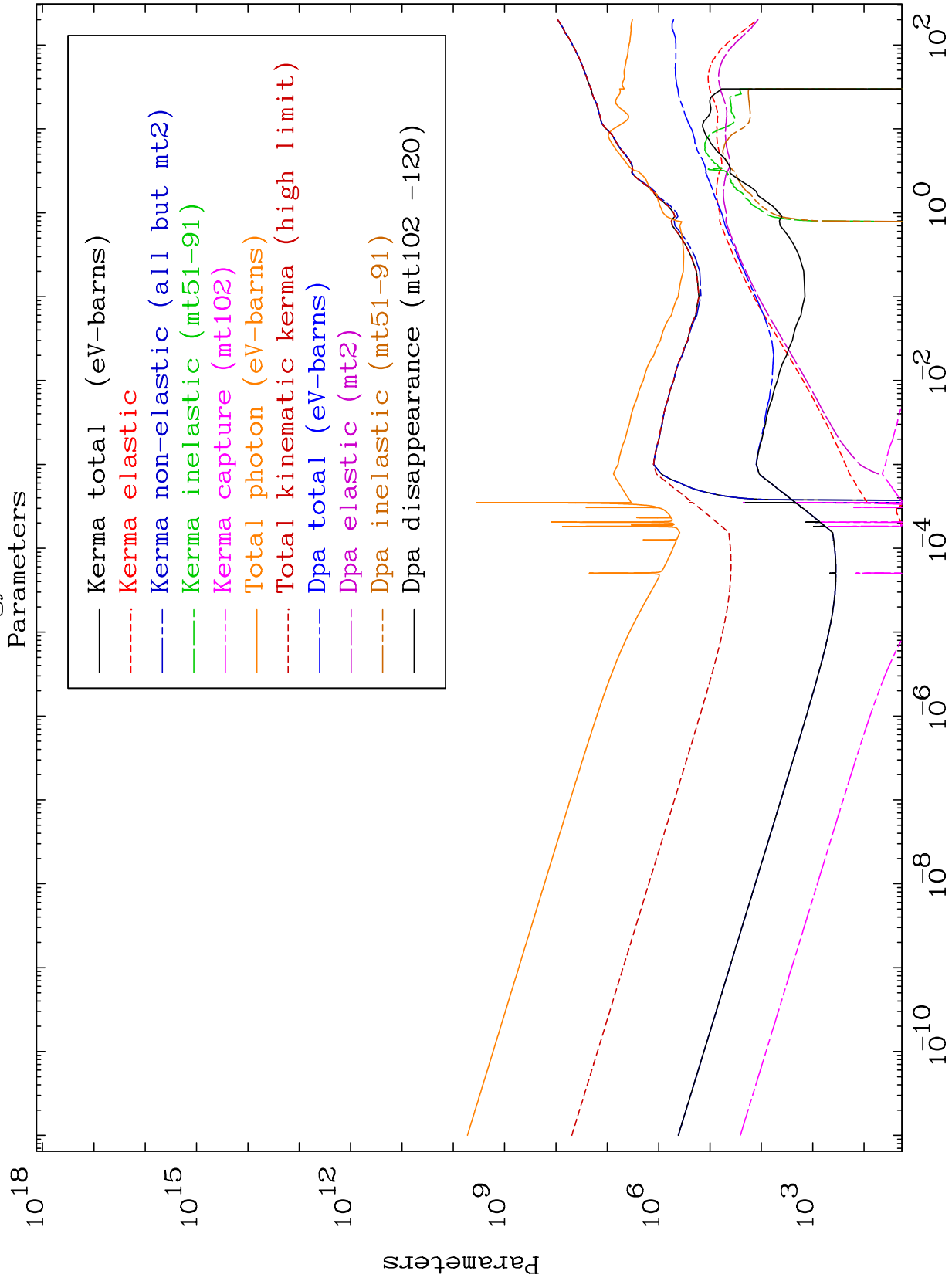
MAT 4813

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-102



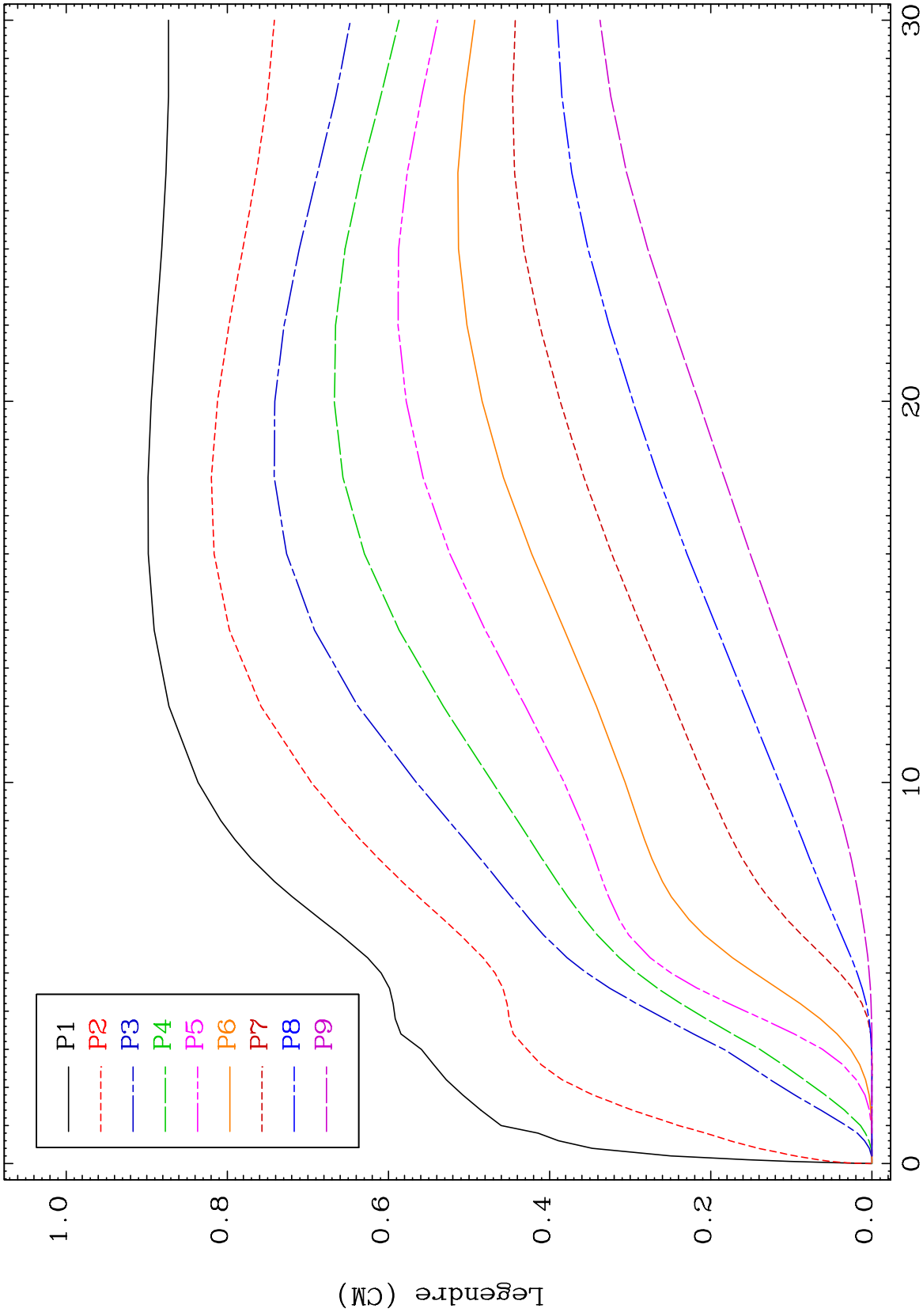
— (n,α)



MAT 4813

Elastic Legendre Coefficients

48-Cd-102



16

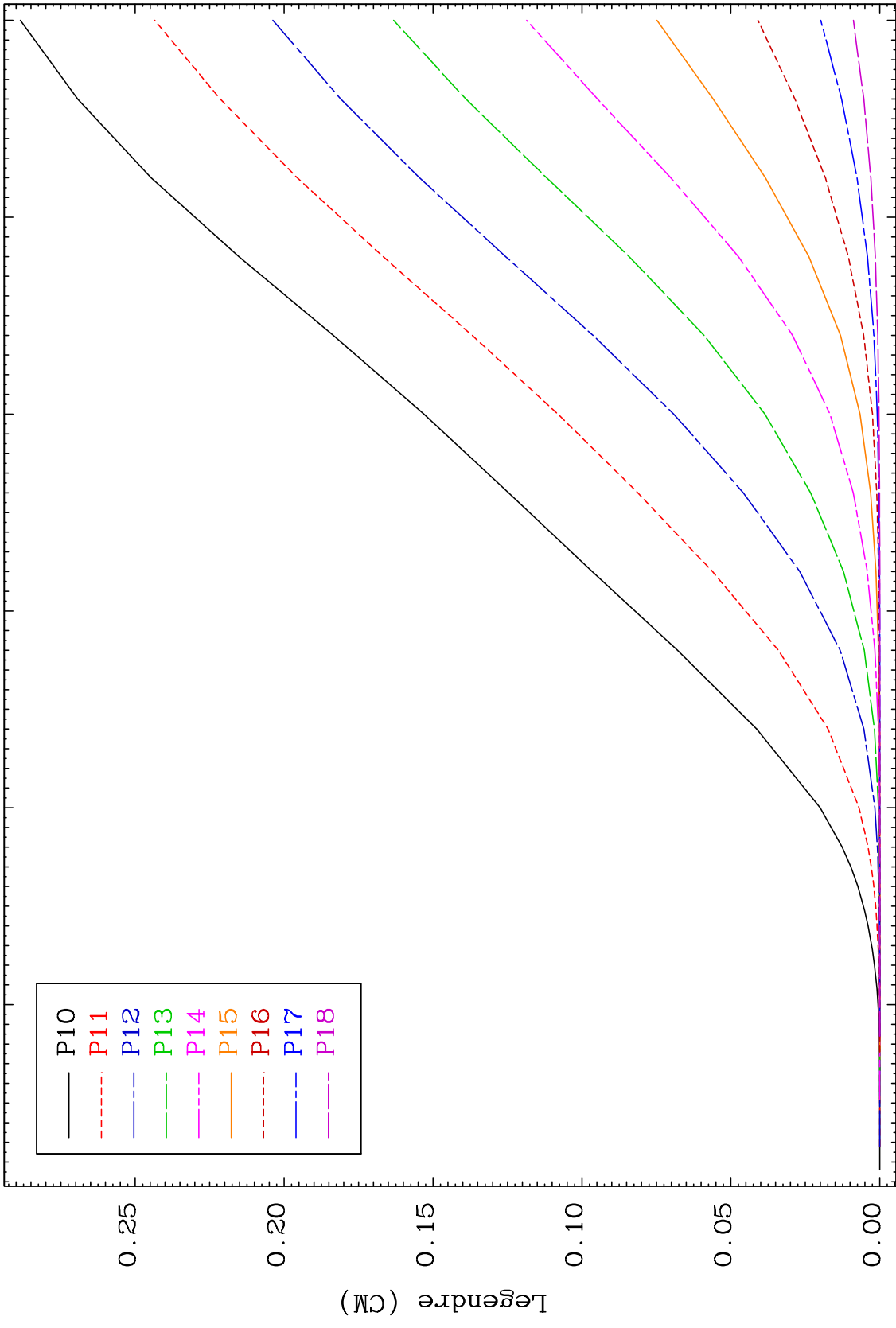
Incident Energy (MeV)

48-Cd-102

MAT 4813

Elastic Legendre Coefficients

48-Cd-102



17

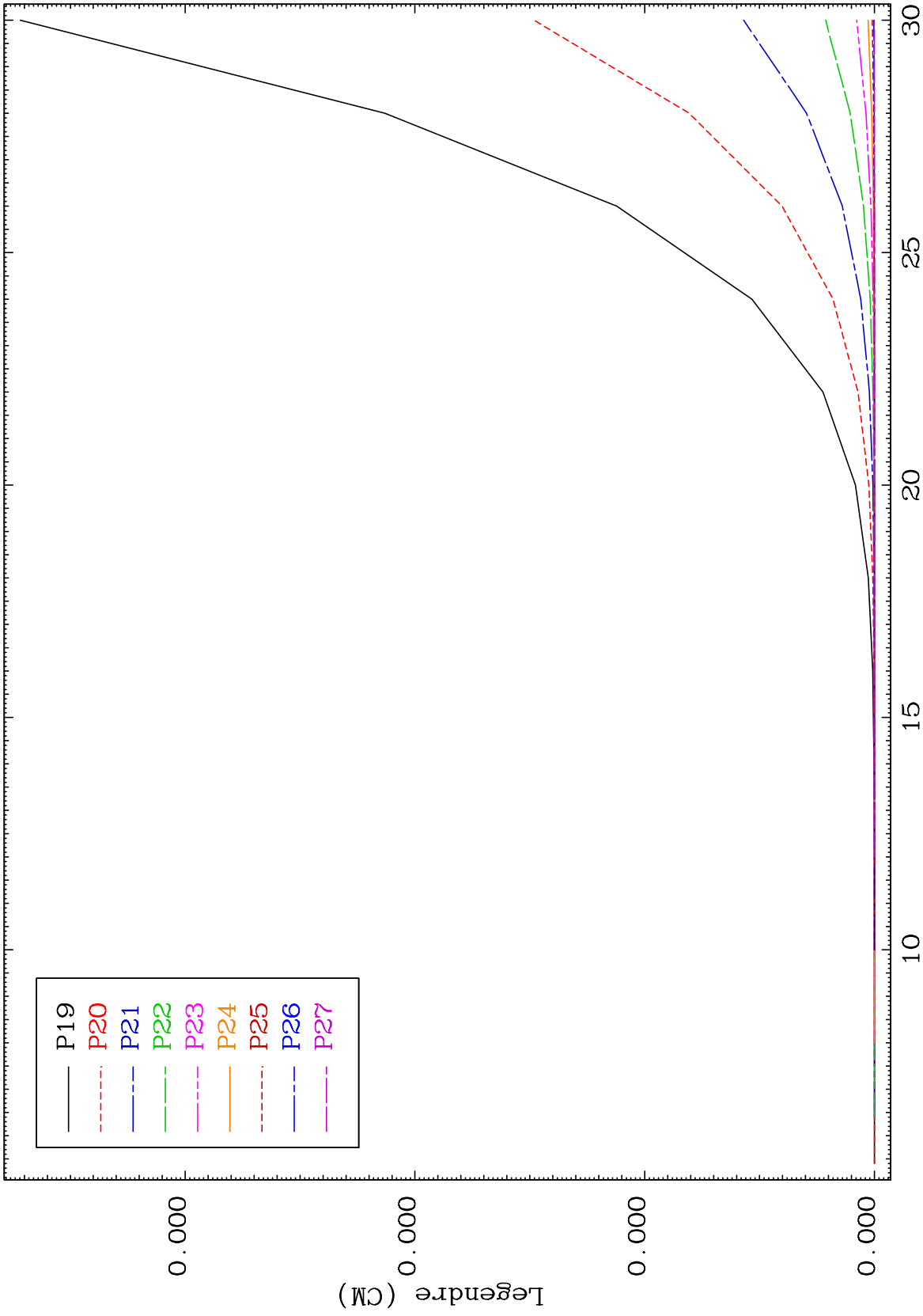
Incident Energy (MeV)

48-Cd-102

MAT 4813

Elastic Legendre Coefficients

48-Cd-102



18

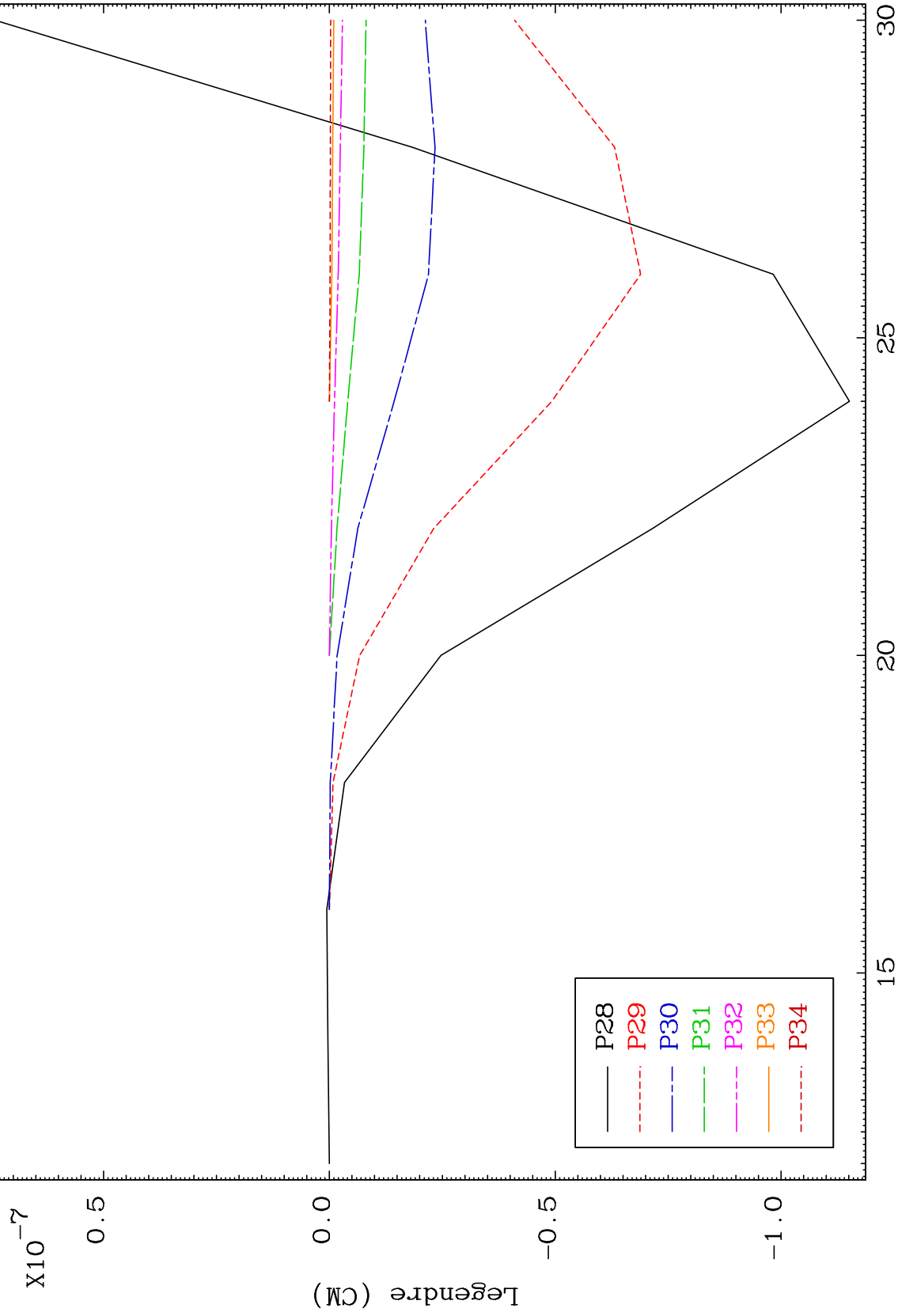
Incident Energy (MeV)

48-Cd-102

MAT 4813

Elastic Legendre Coefficients

48-Cd-102

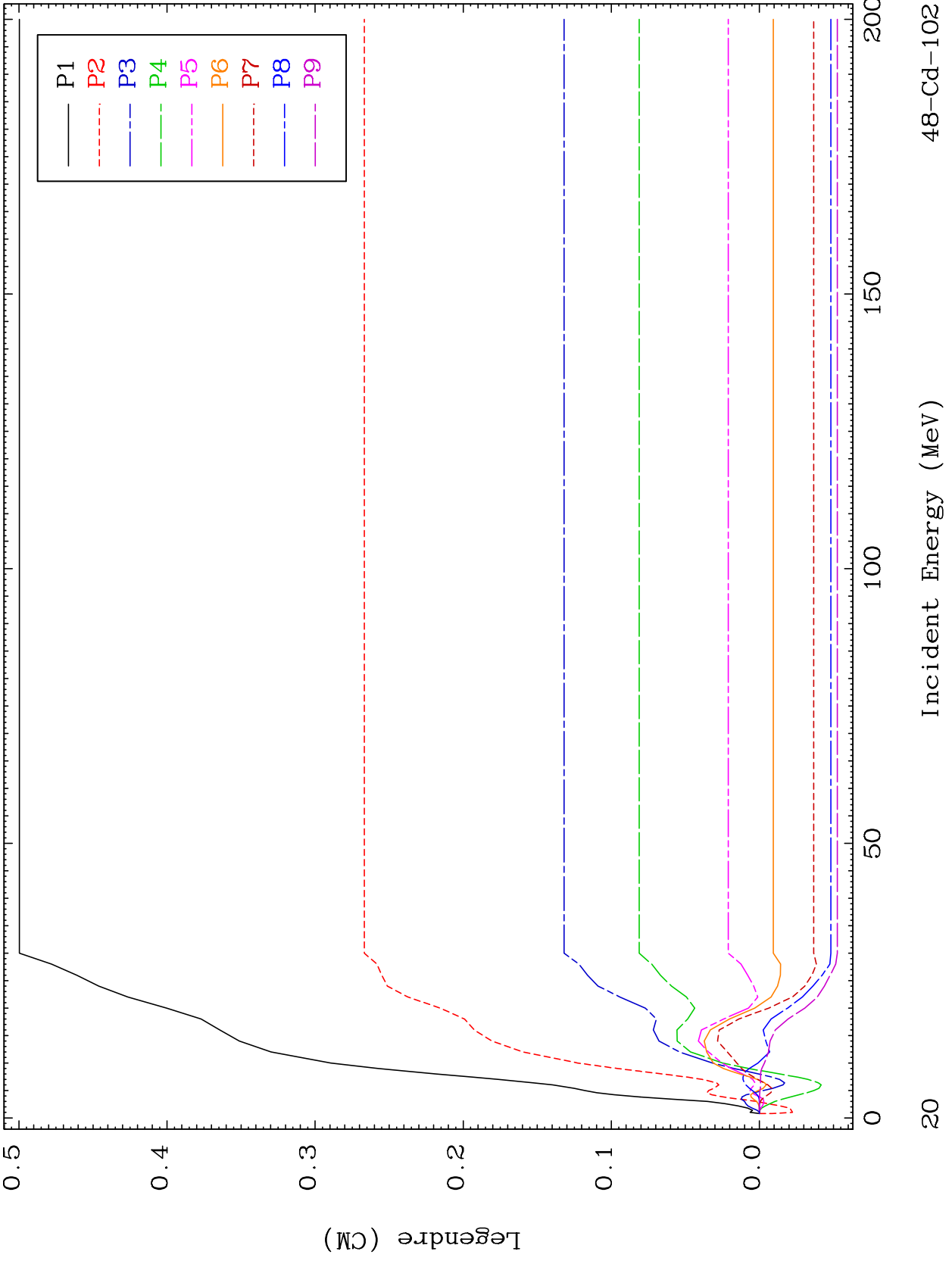


19

Incident Energy (MeV)

48-Cd-102

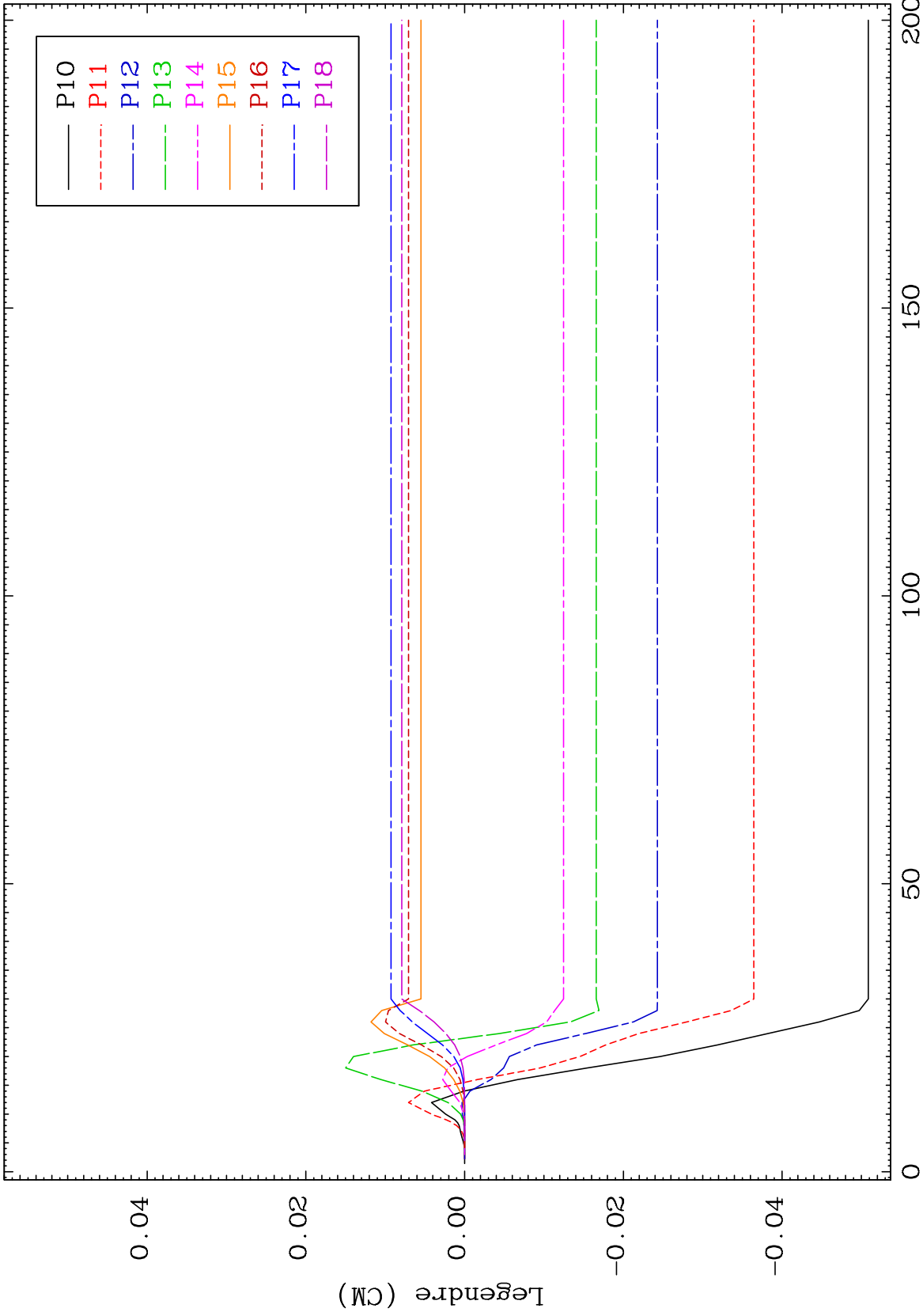
MAT 4813 MT= 51 (n,n') Level Legendre Coefficients 48-Cd-102



MAT 4813

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

48-Cd-102



21

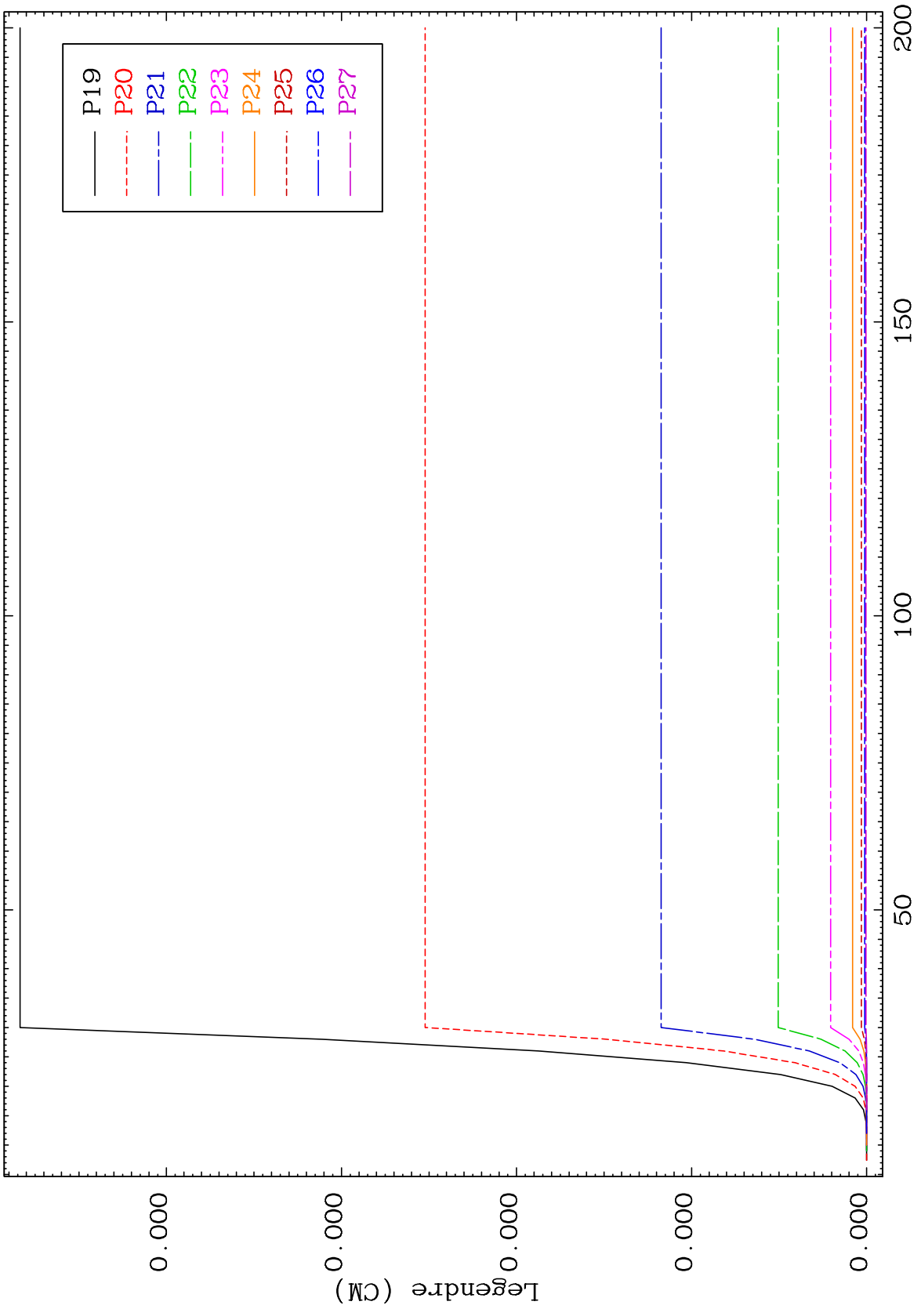
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



22

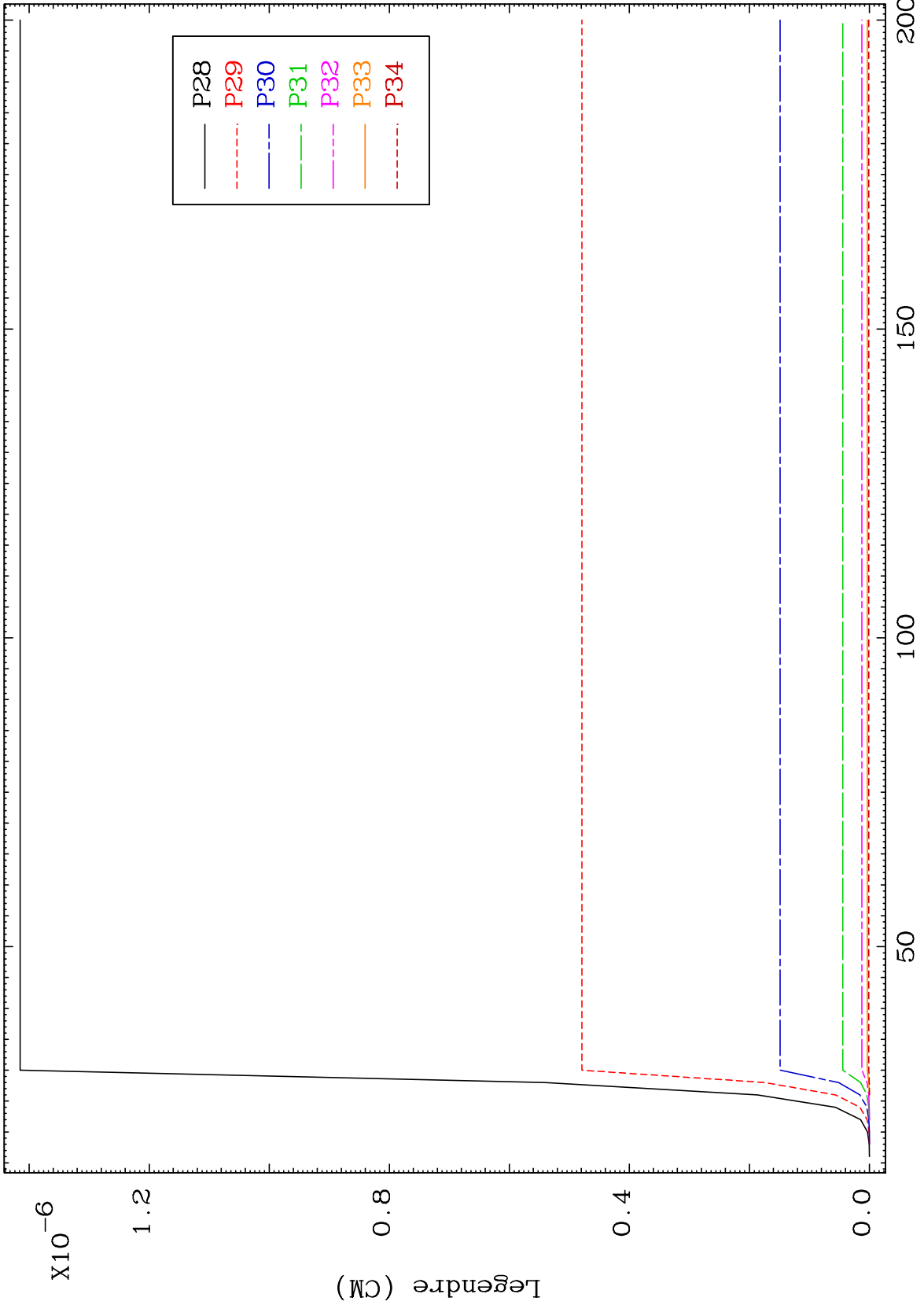
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



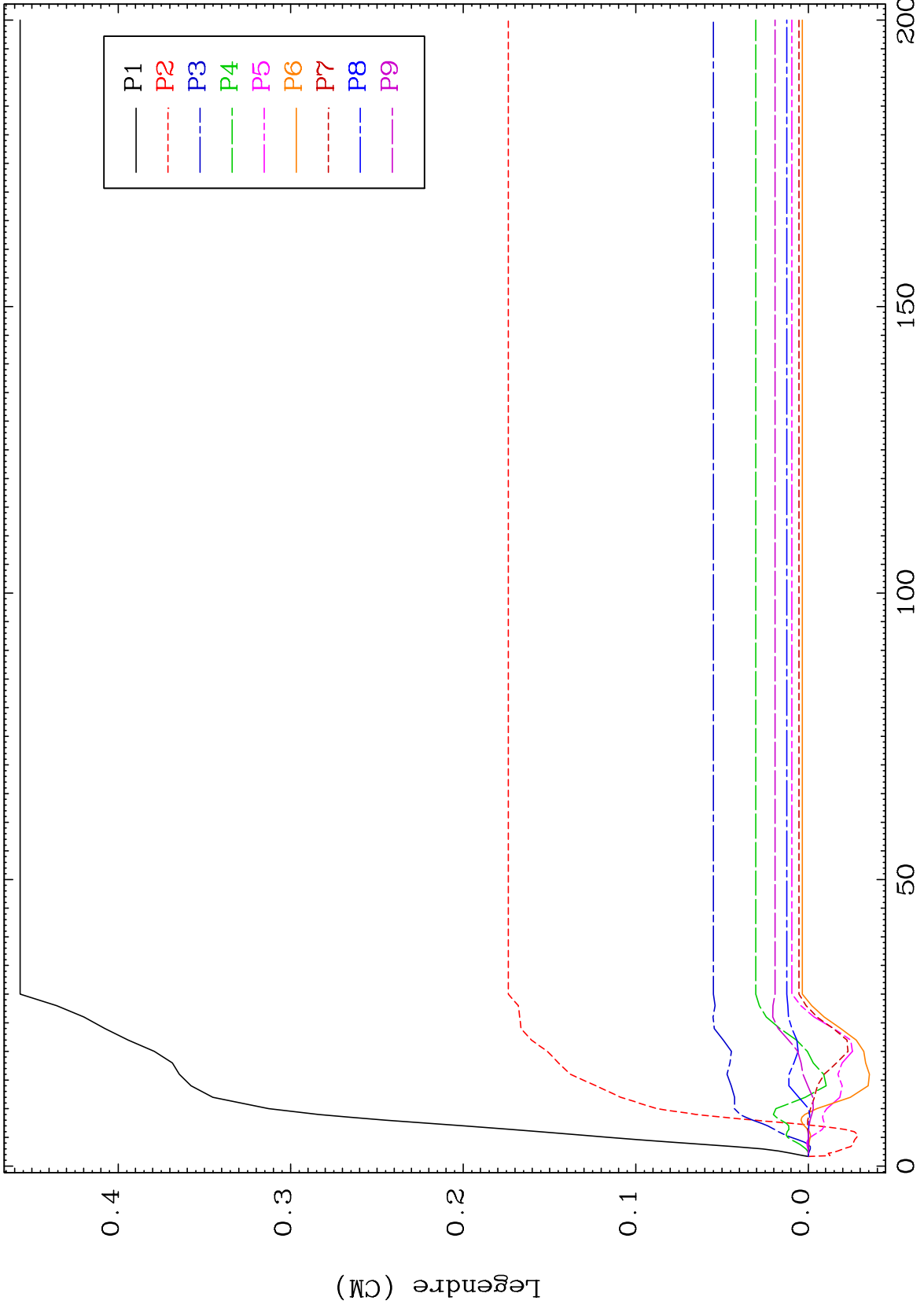
23

48-Cd-102

MAT 4813

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

48-Cd-102



24

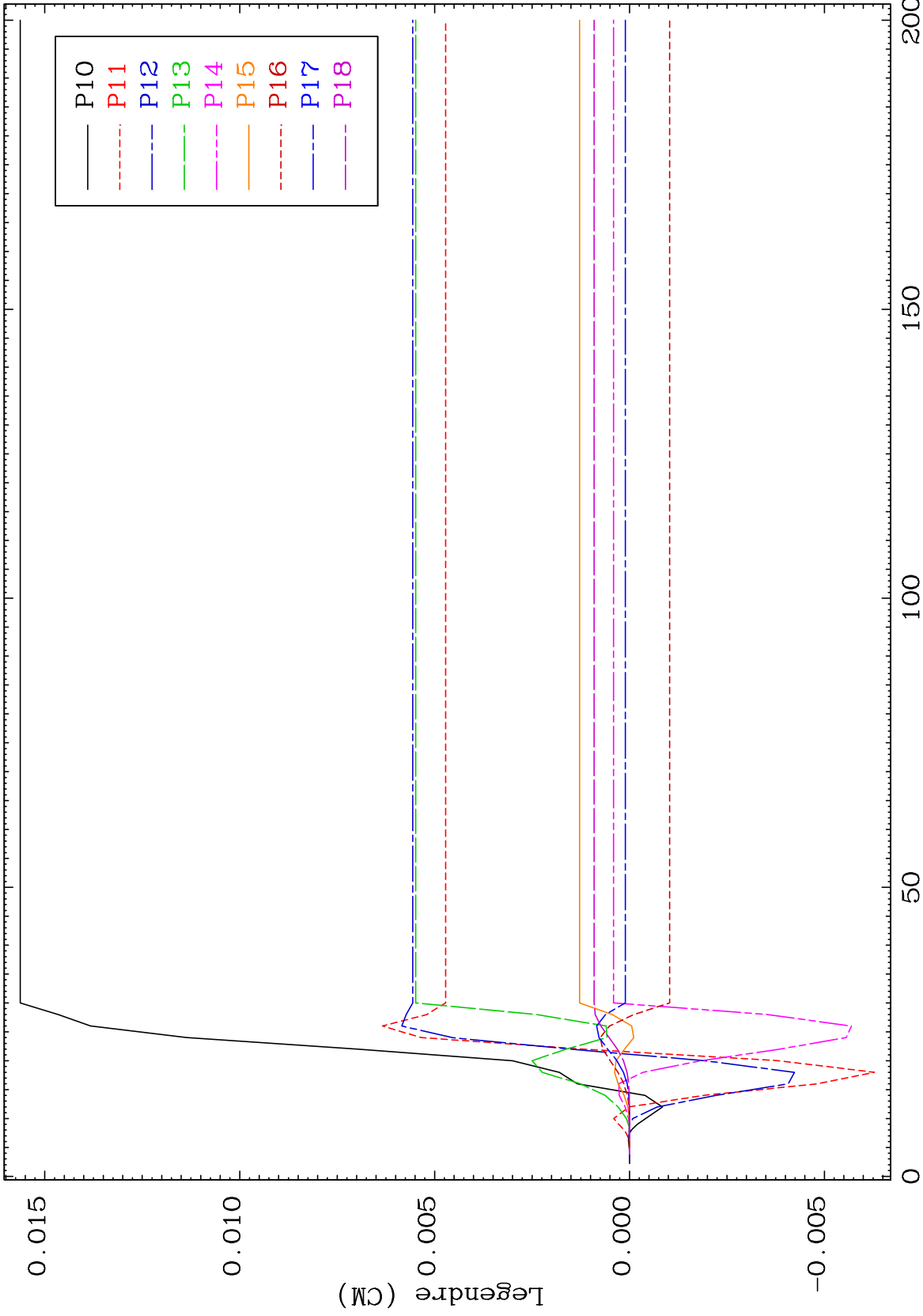
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



25

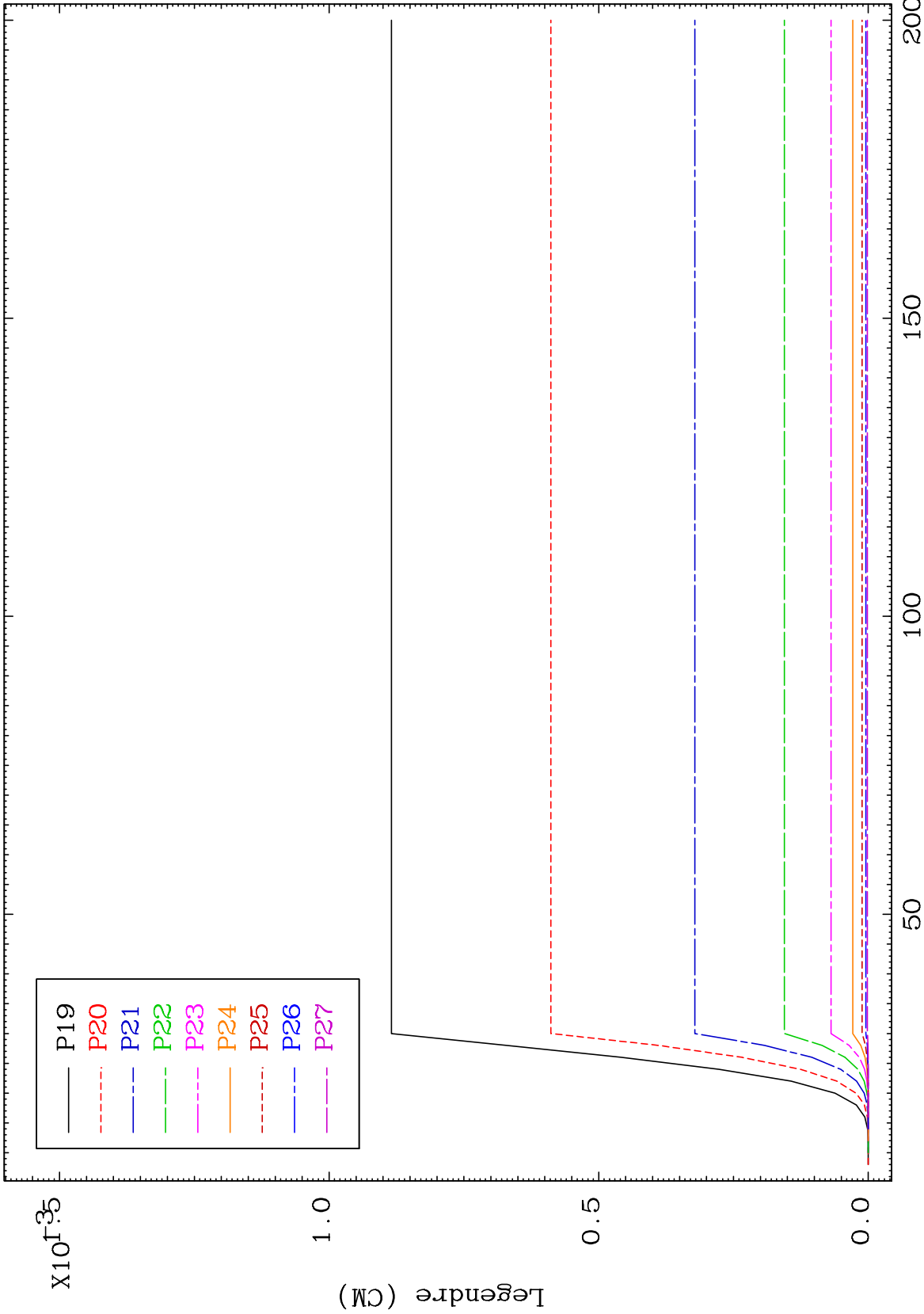
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



26

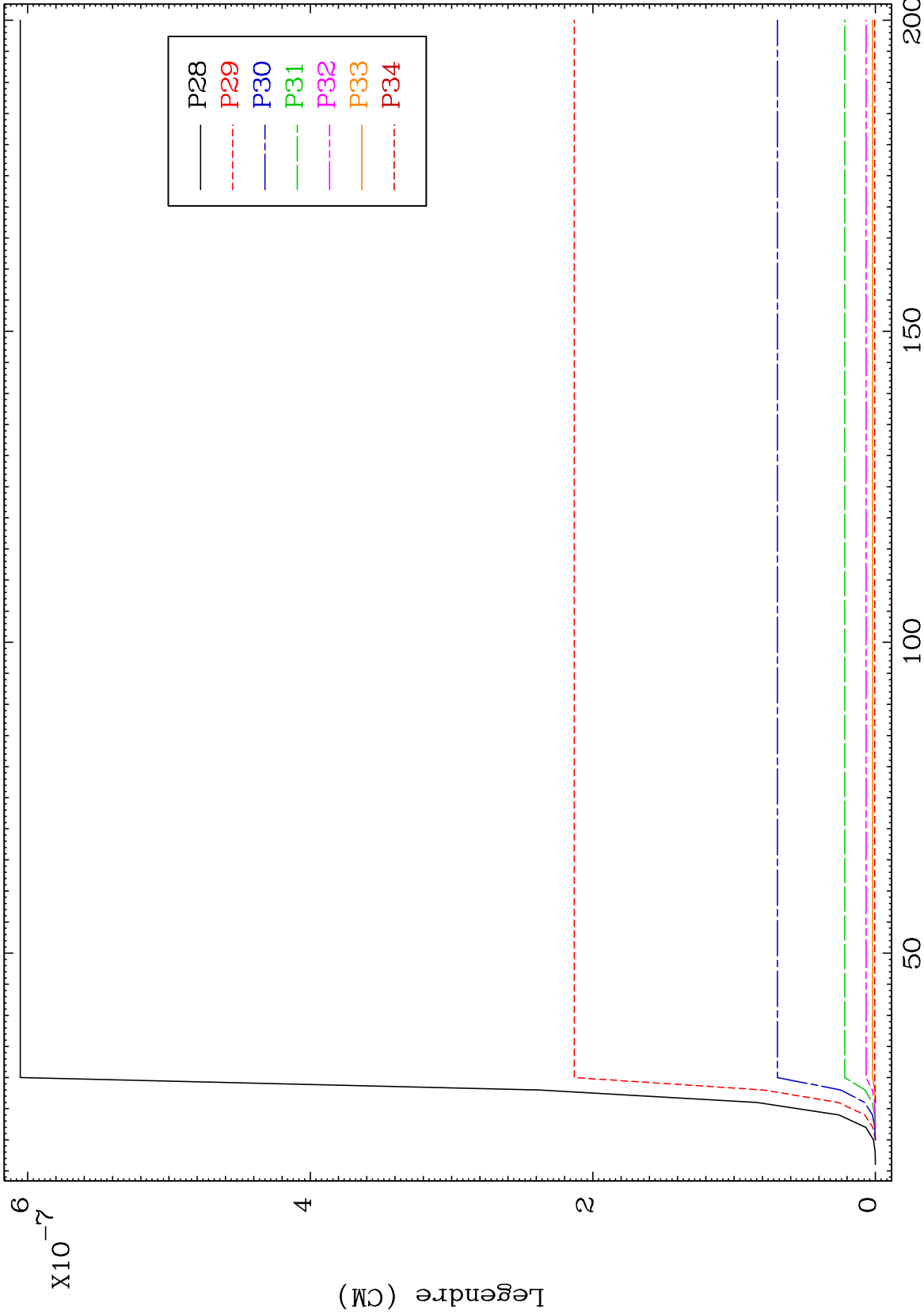
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



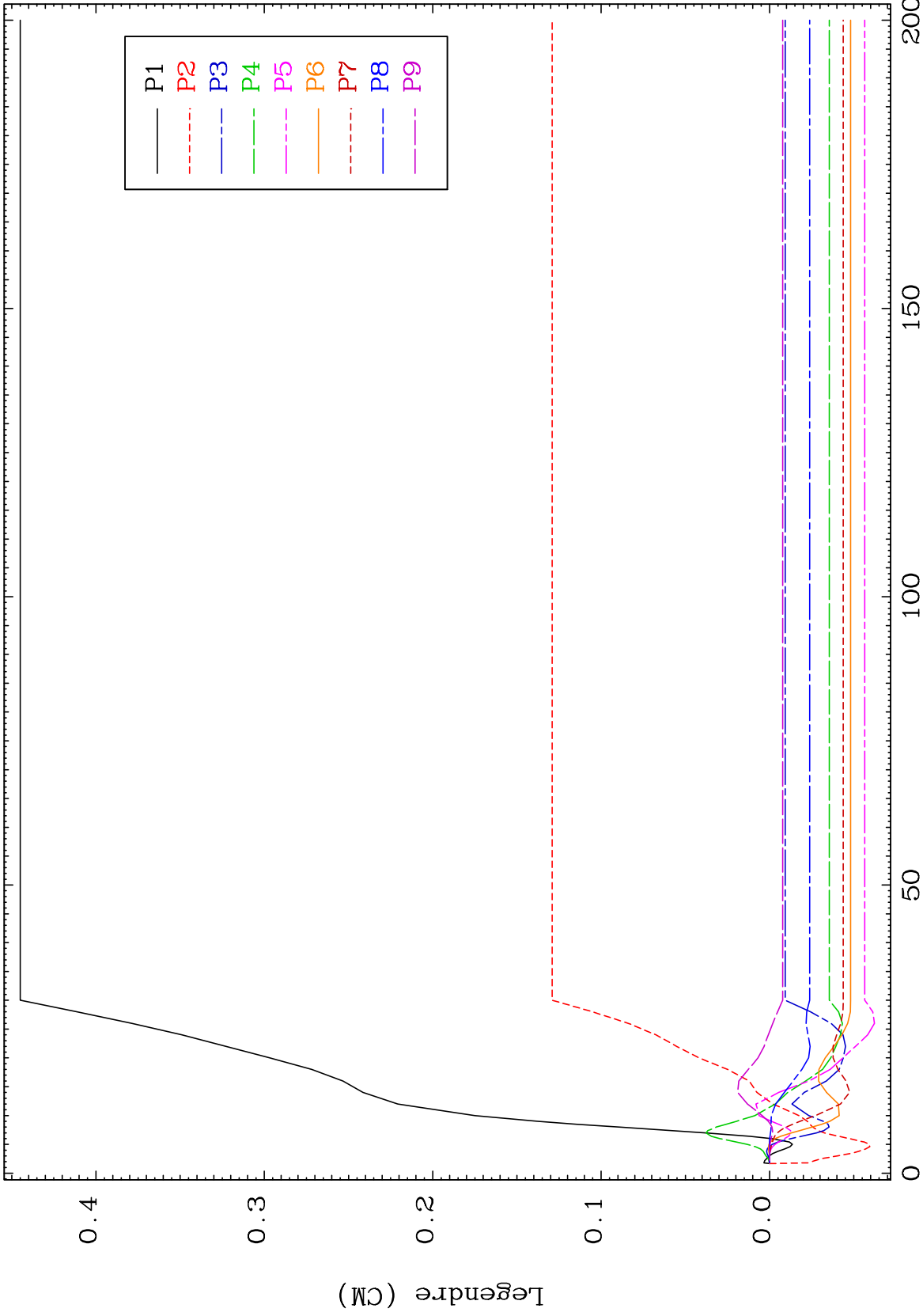
27

48-Cd-102

MAT 4813

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

48-Cd-102



28

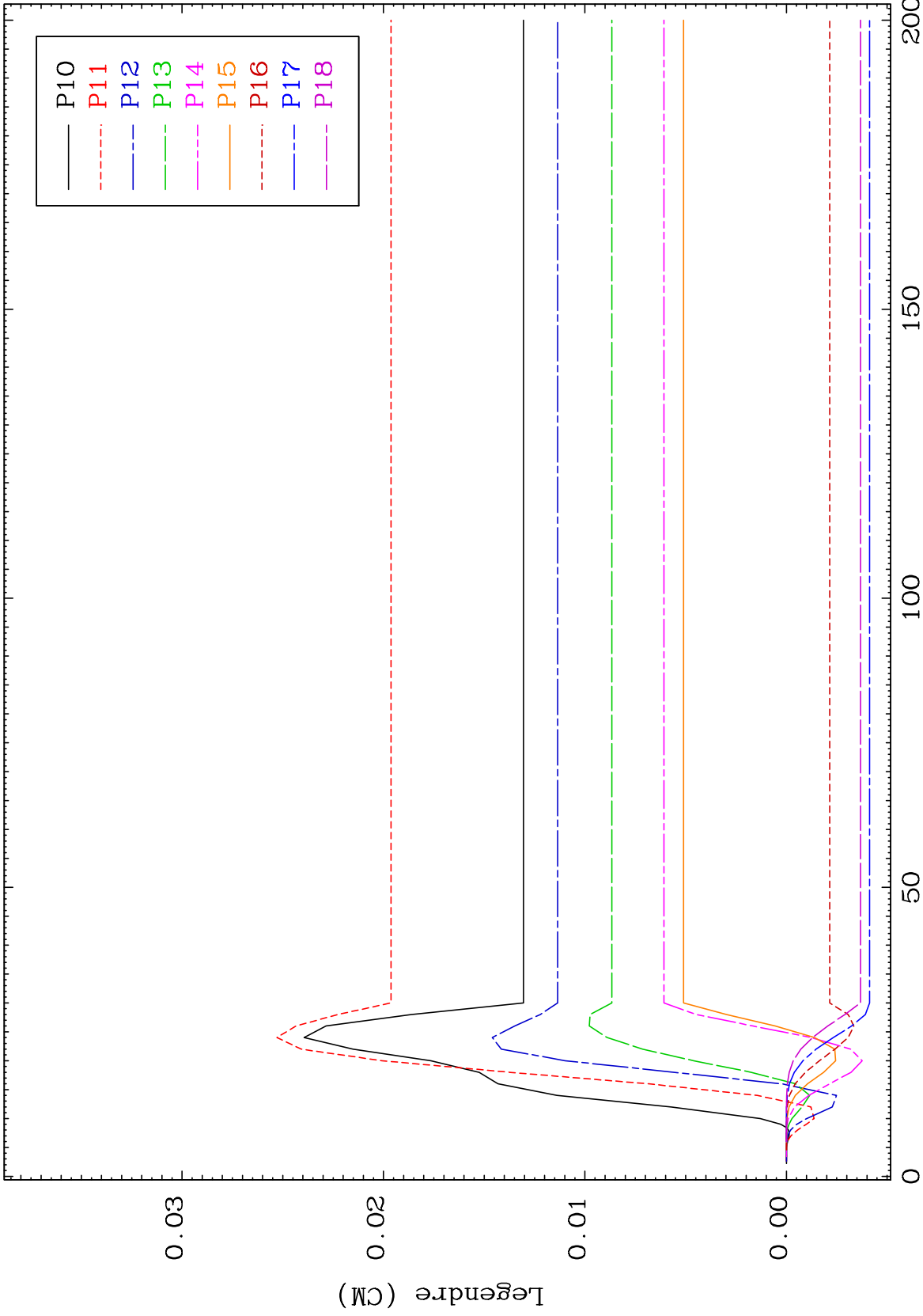
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



29

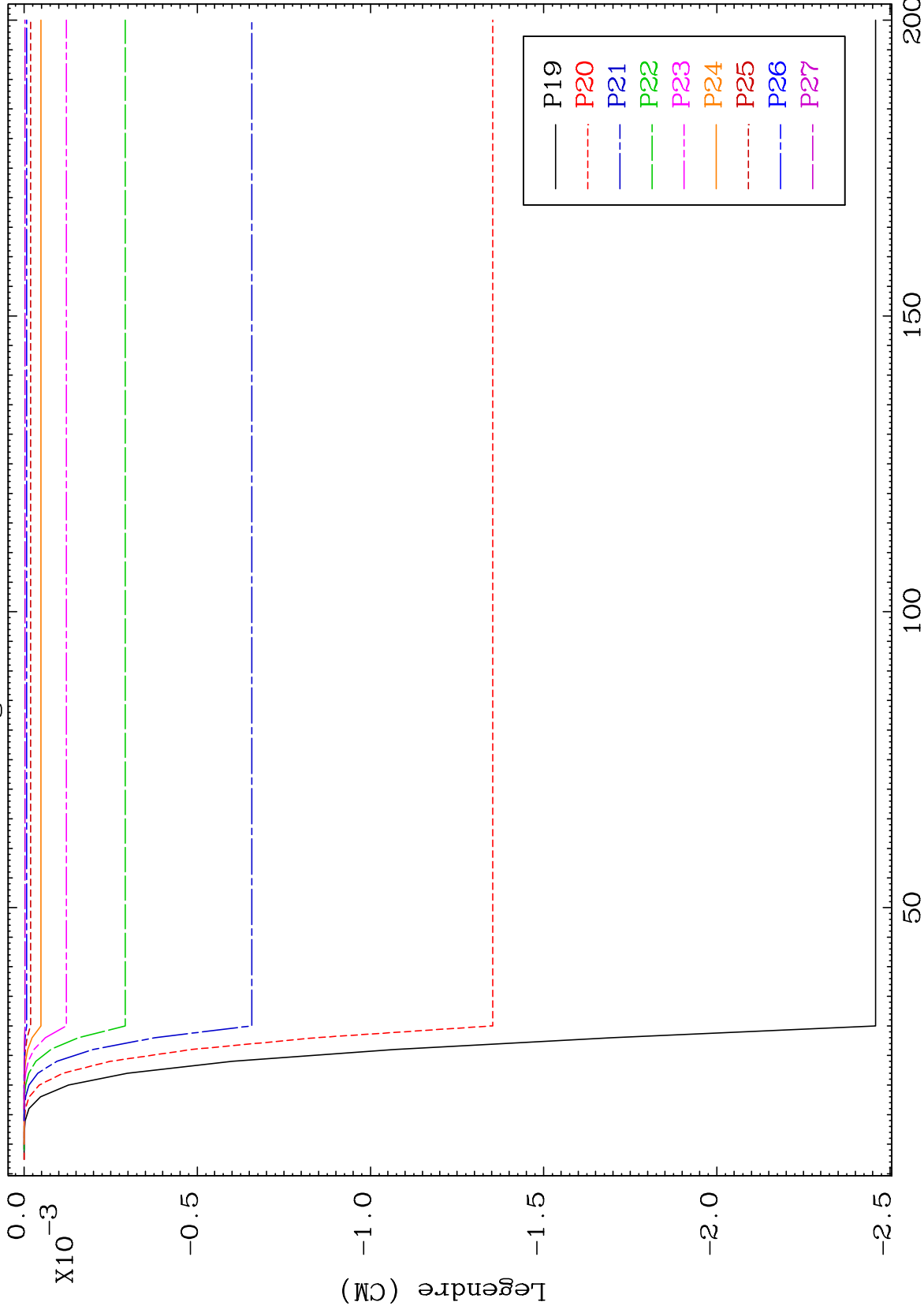
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

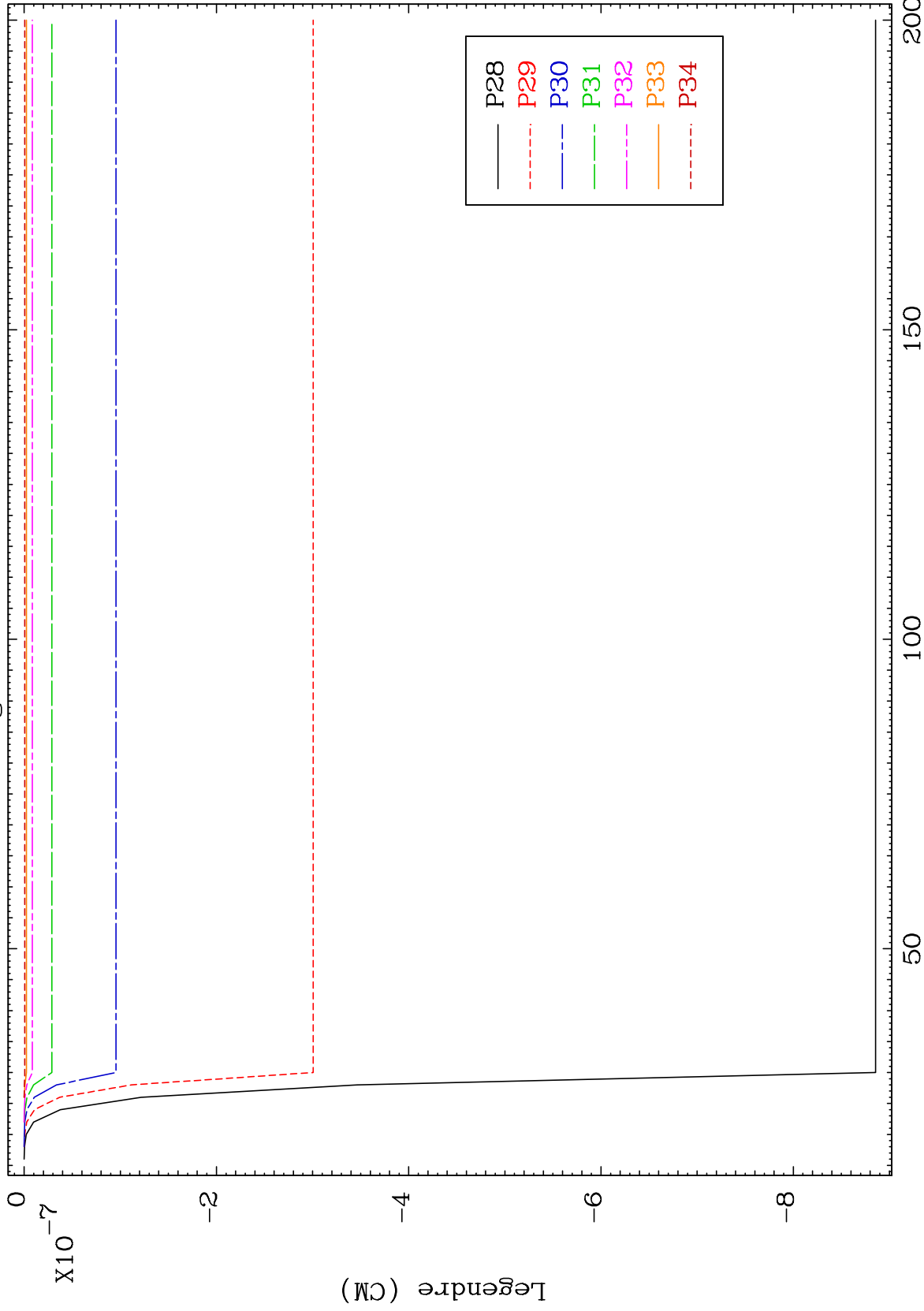
Incident Energy (MeV)

30

MAT 4813

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

48-Cd-102



48-Cd-102

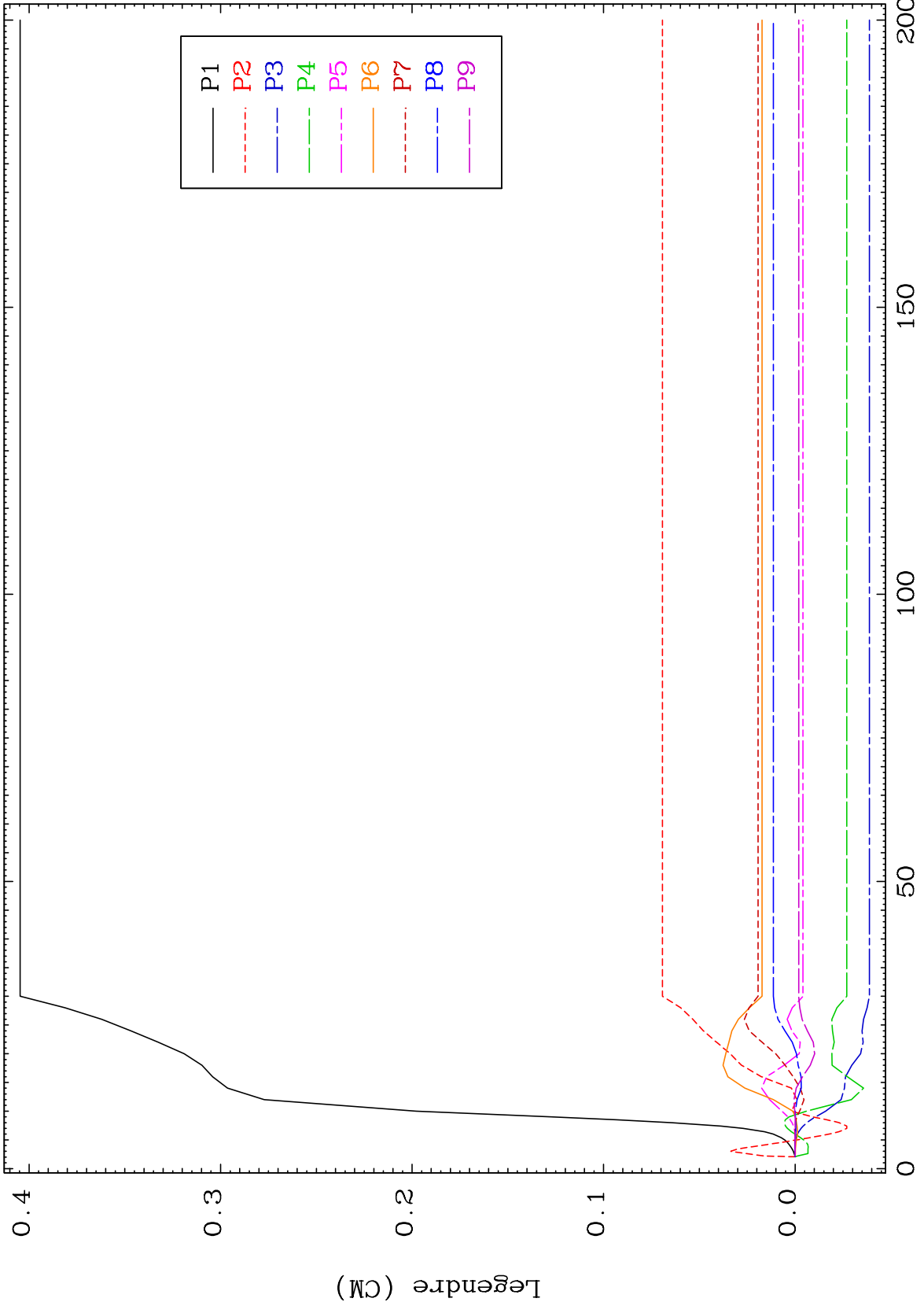
Incident Energy (MeV)

31

MAT 4813

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

48-Cd-102



32

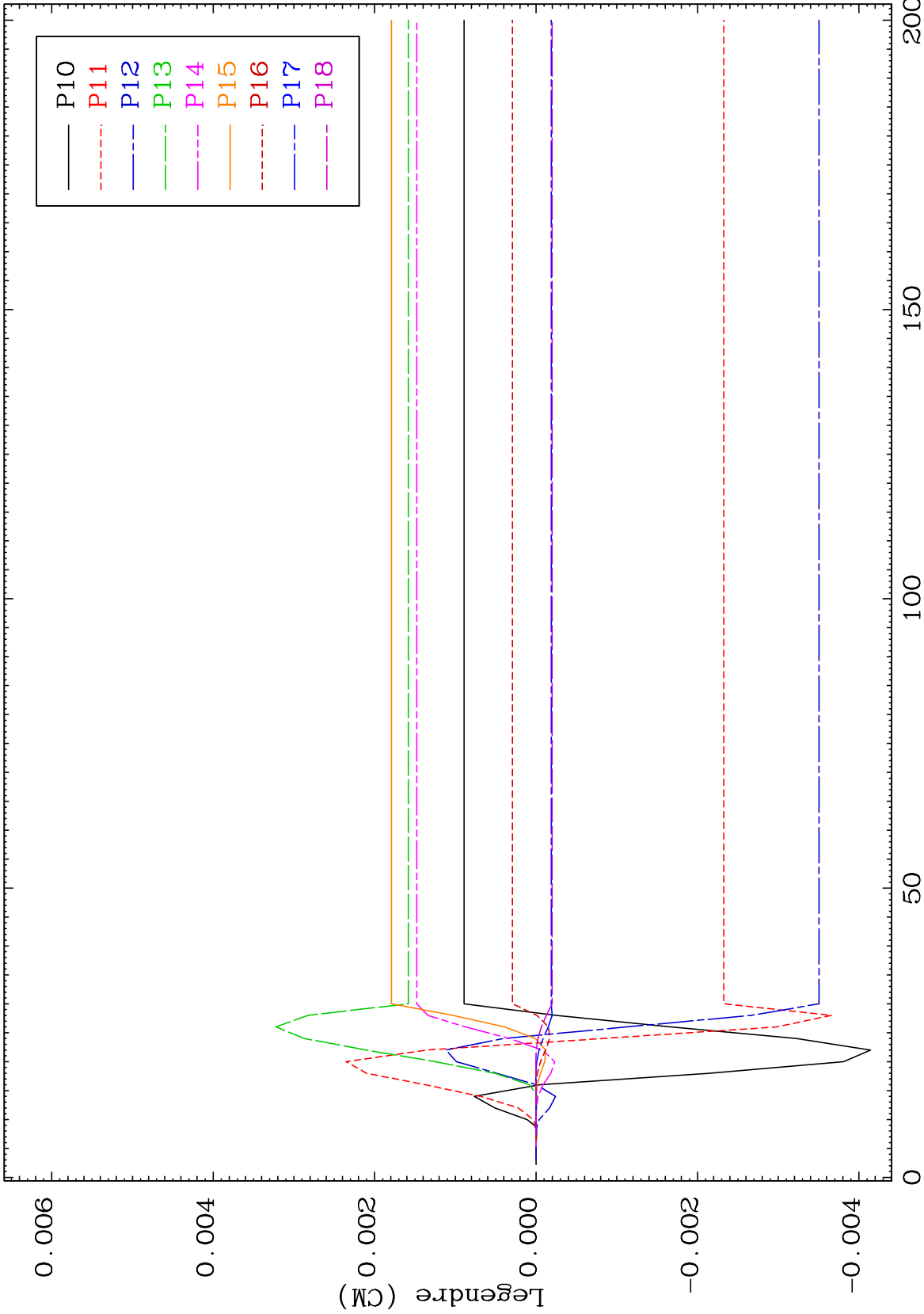
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



33

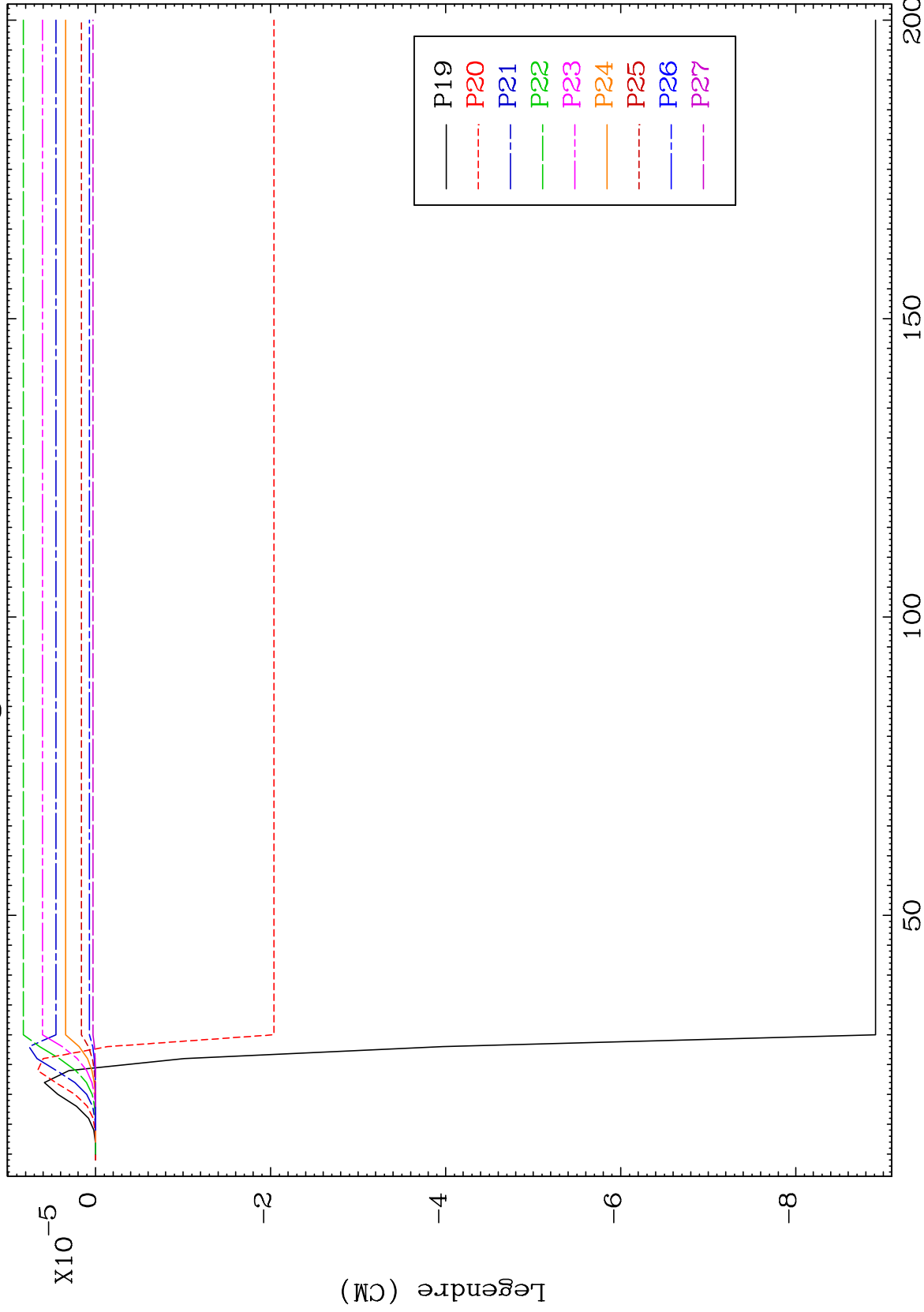
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



34

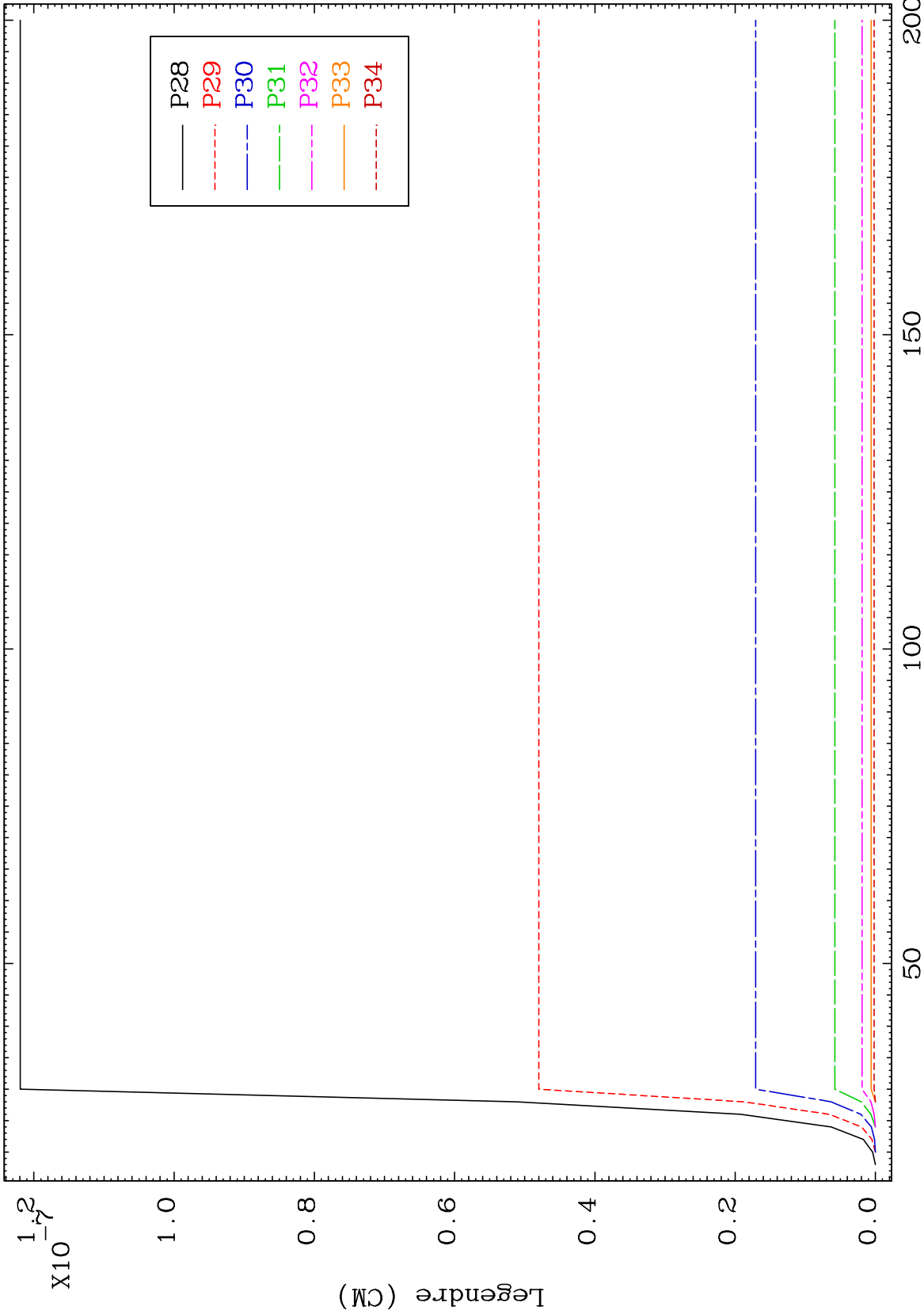
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



35

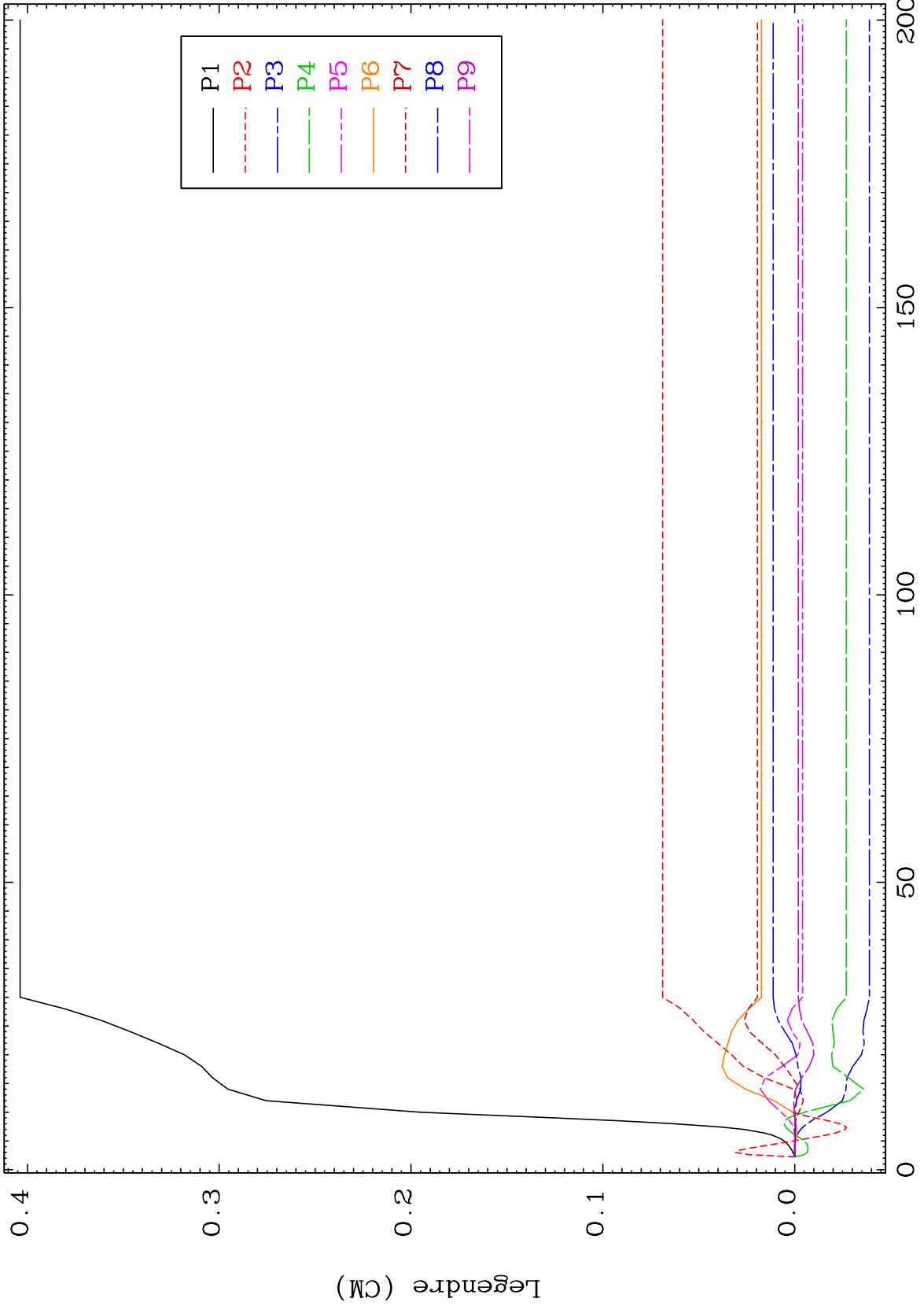
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



36

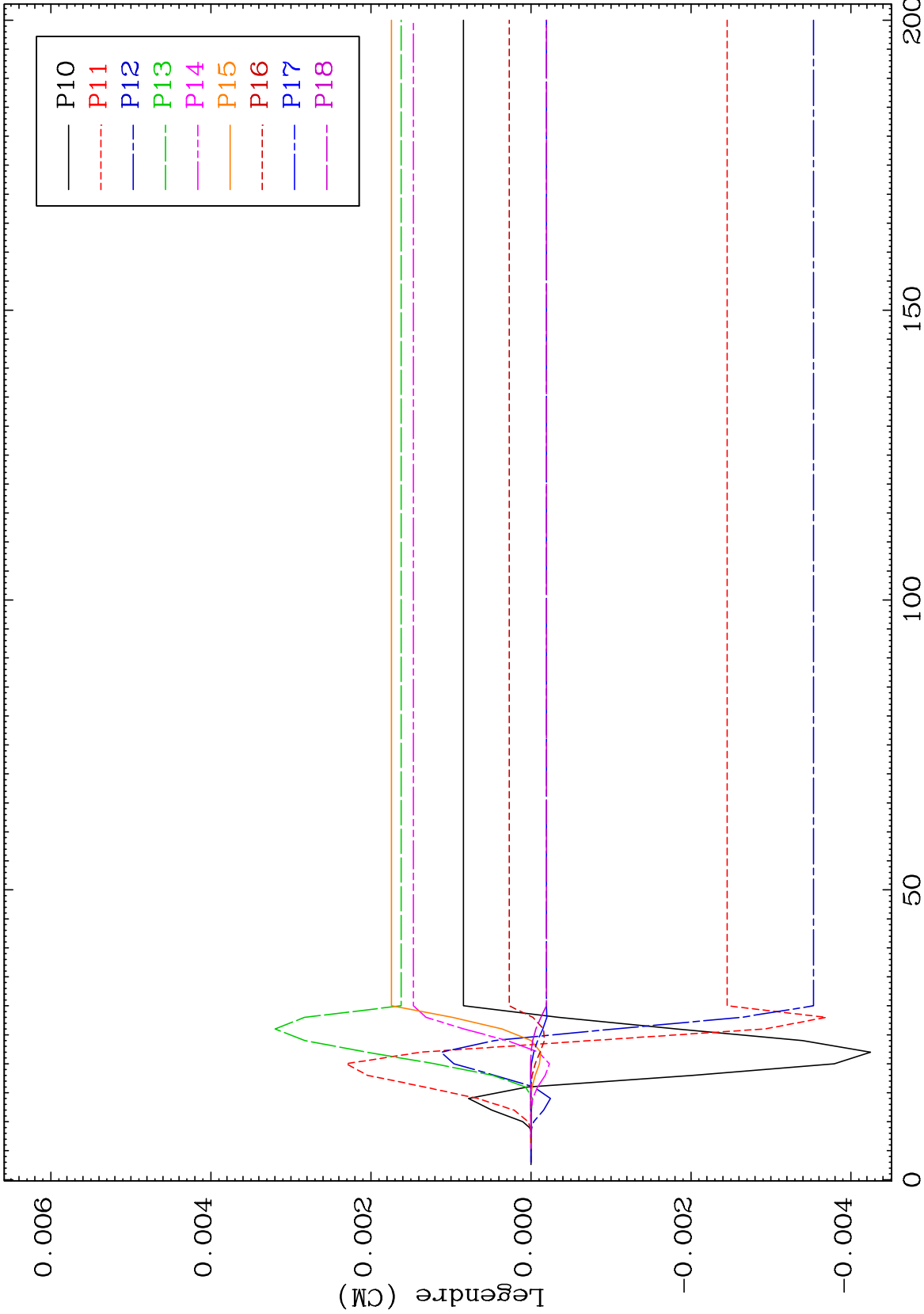
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



37

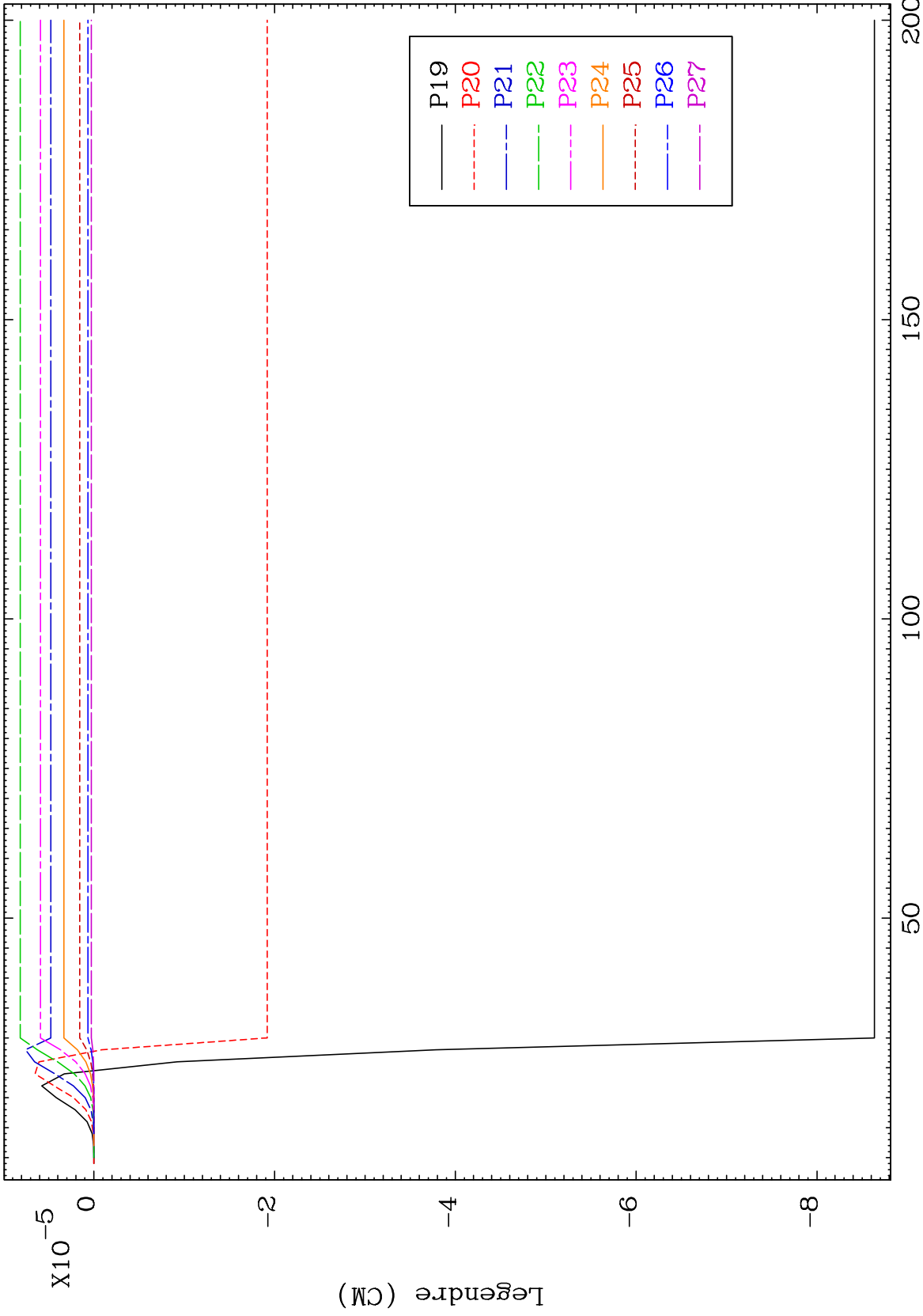
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



38

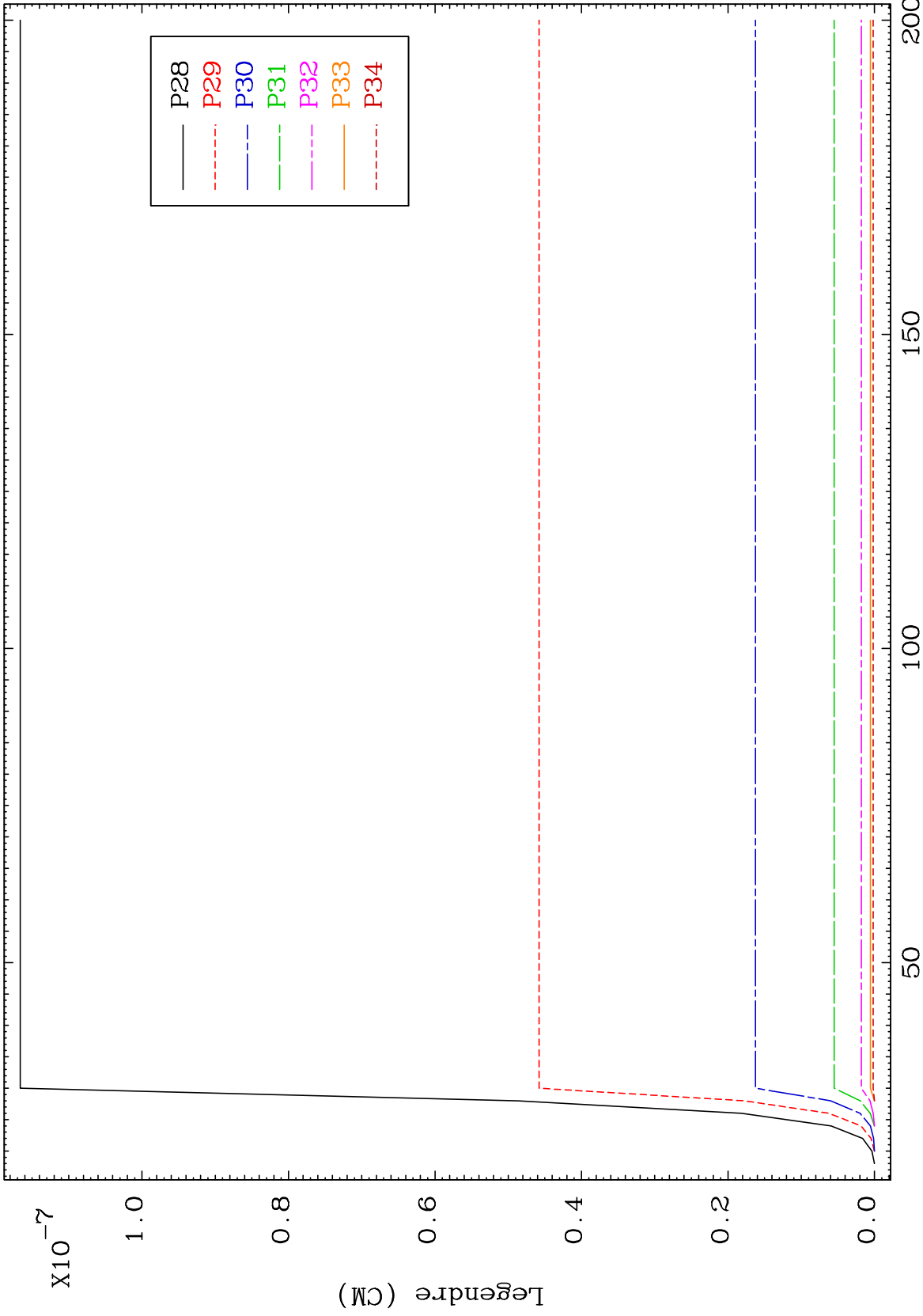
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



39

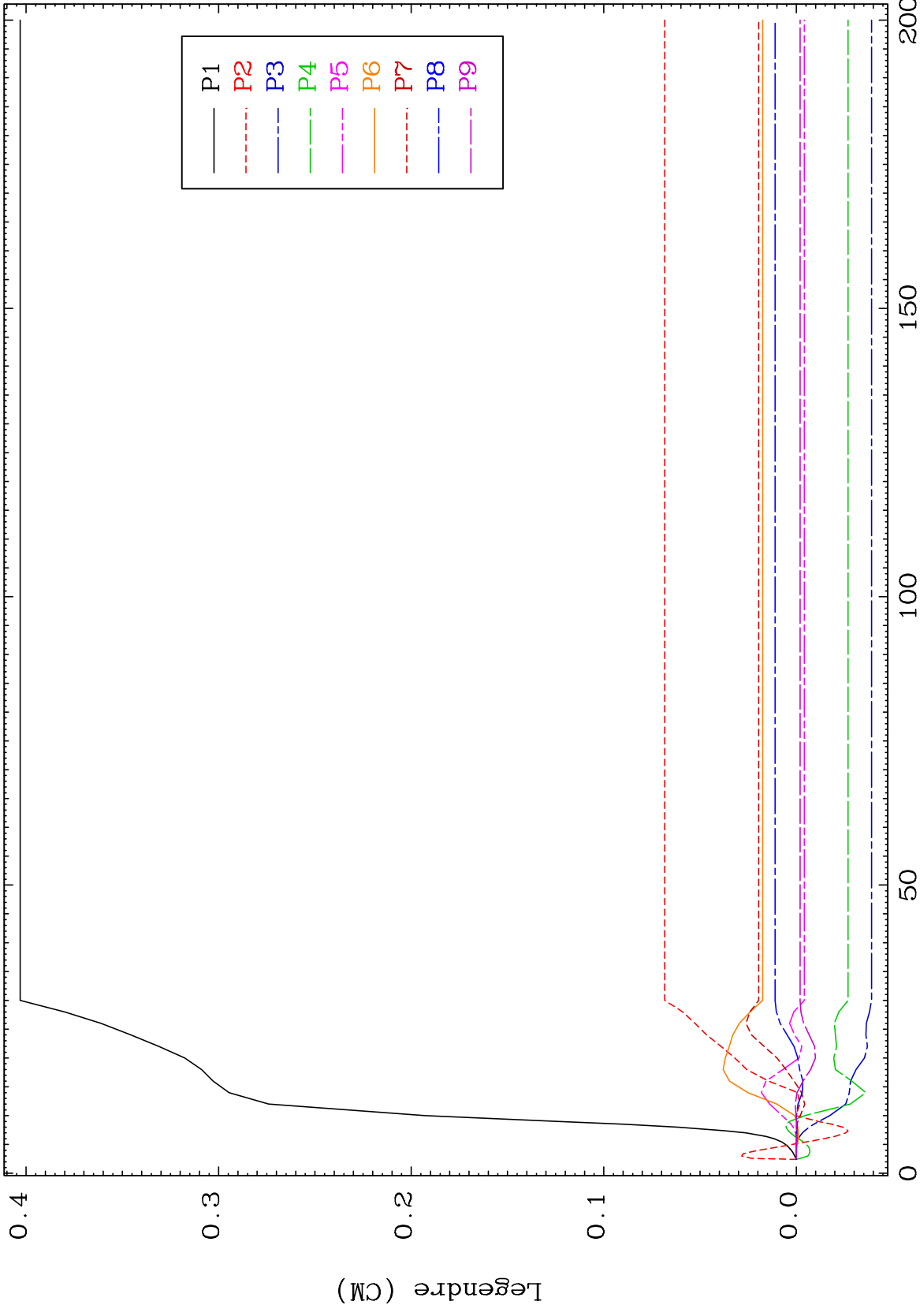
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



40

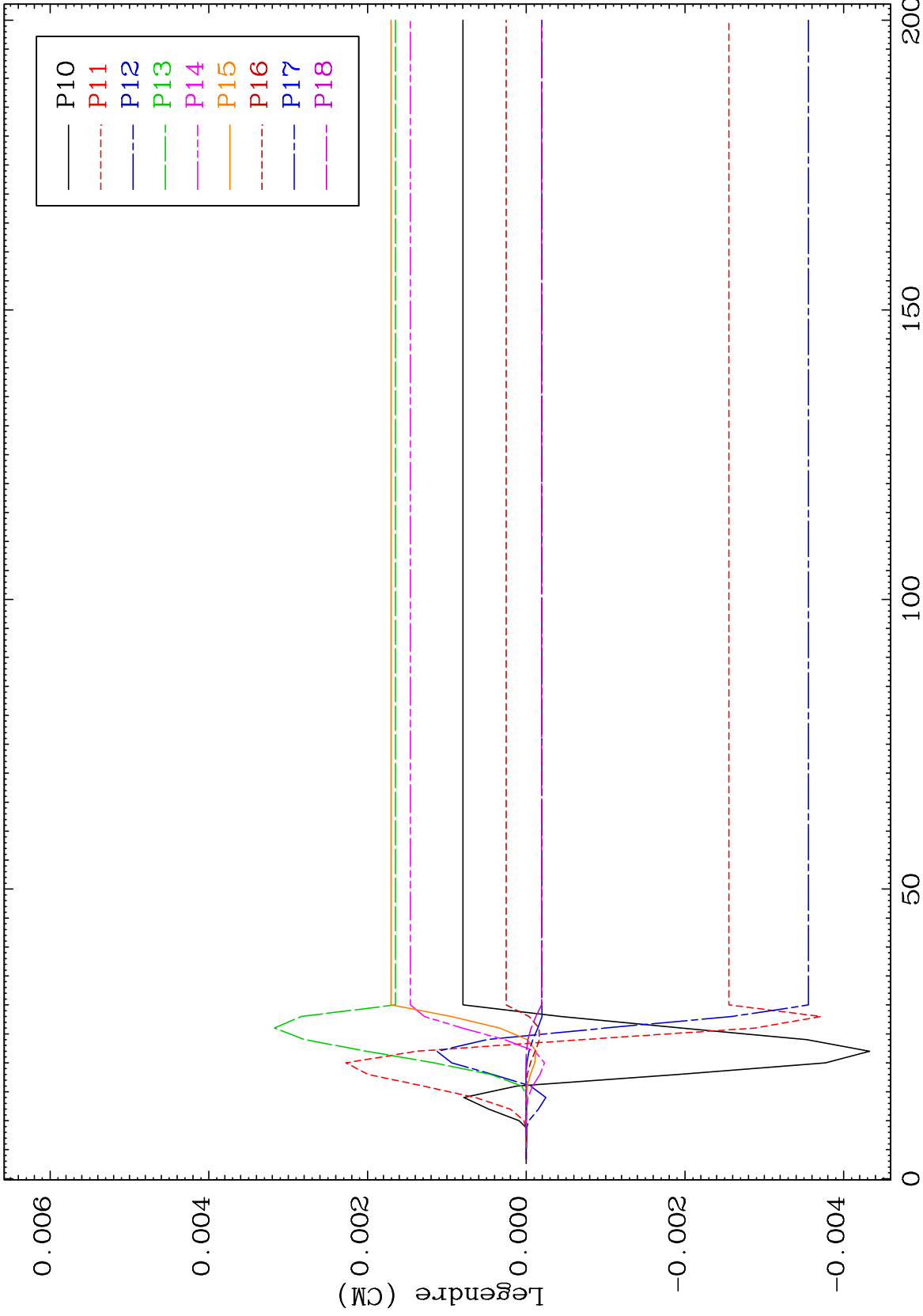
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



41

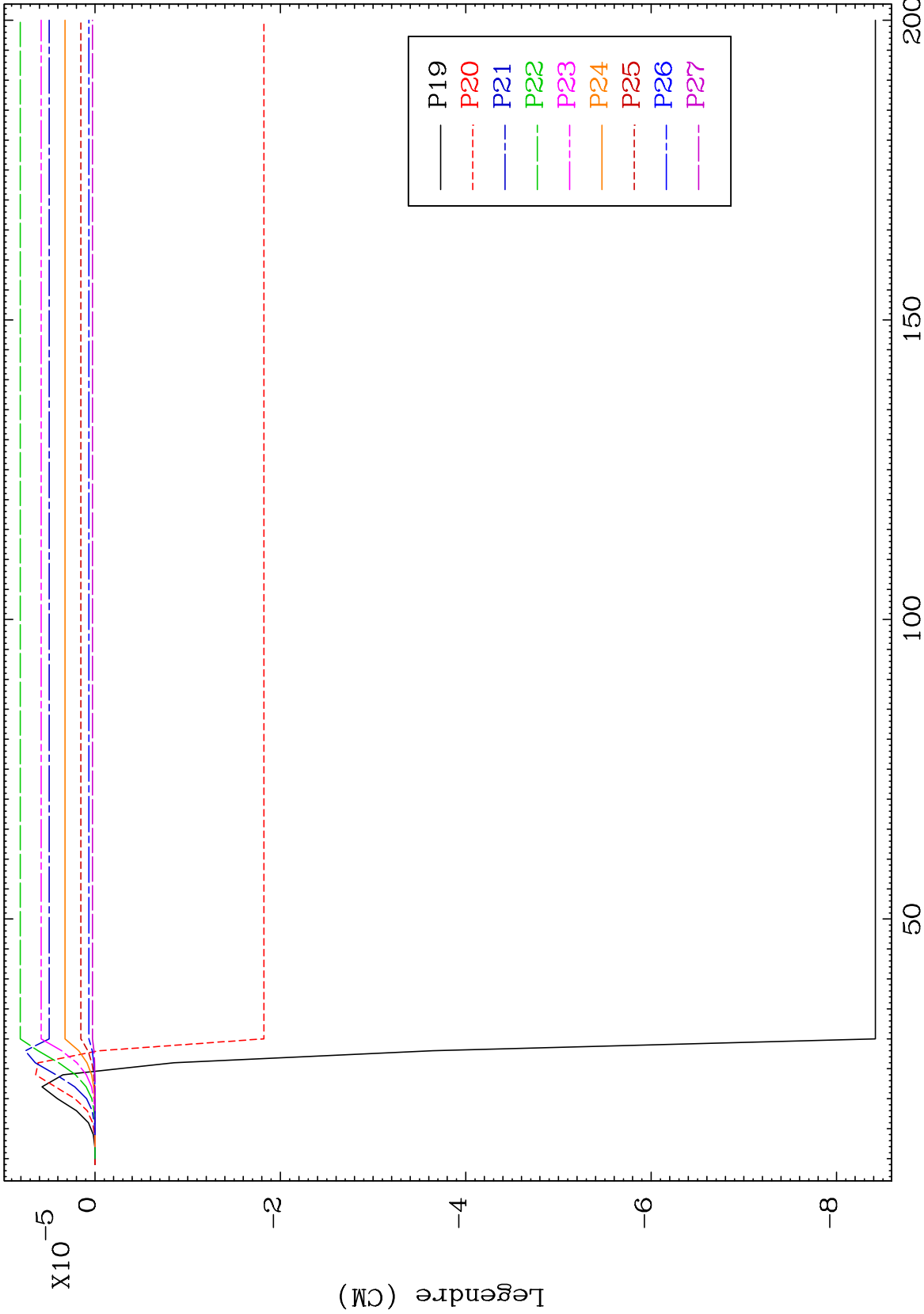
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

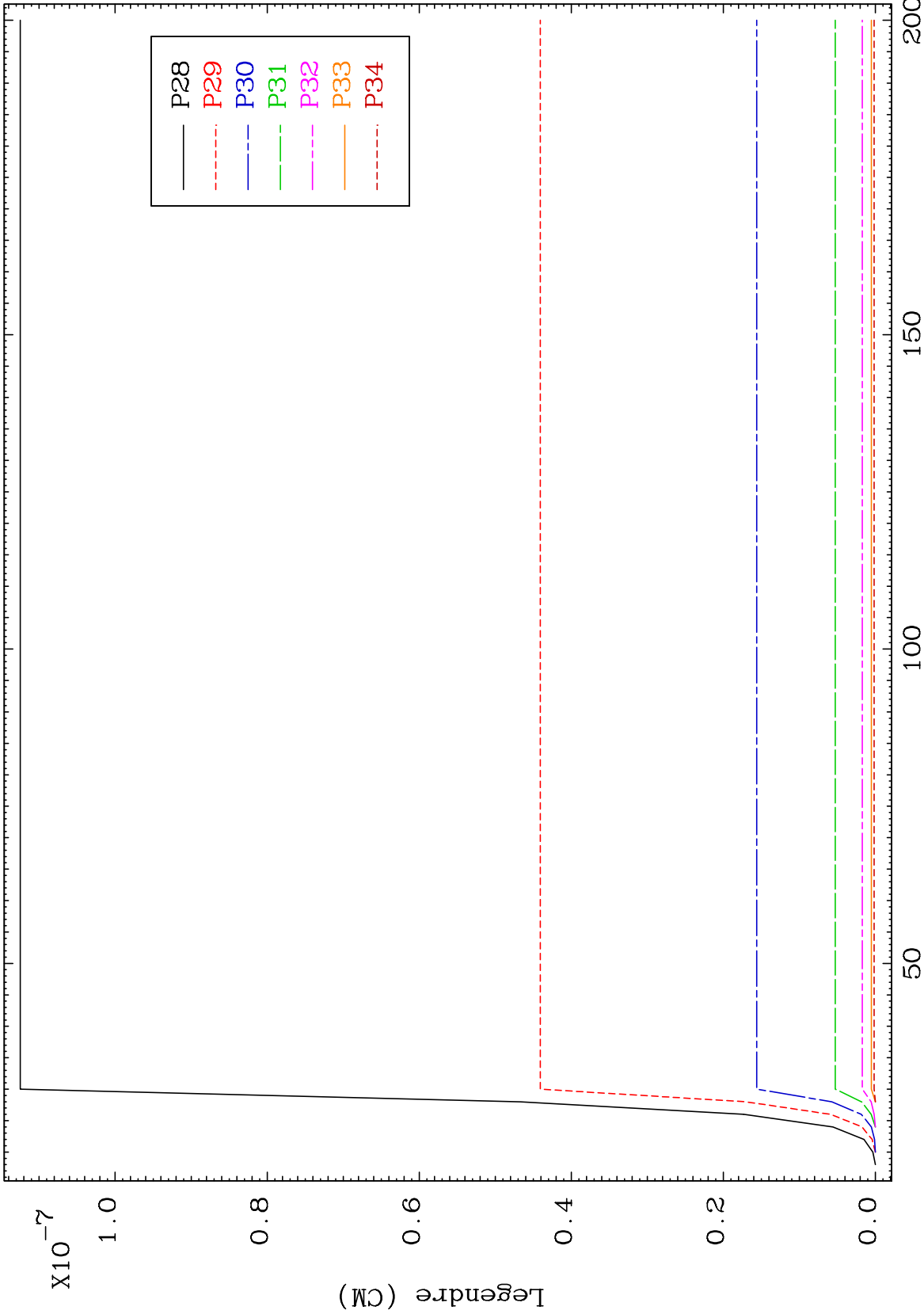
Incident Energy (MeV)

42

MAT 4813

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

48-Cd-102



43

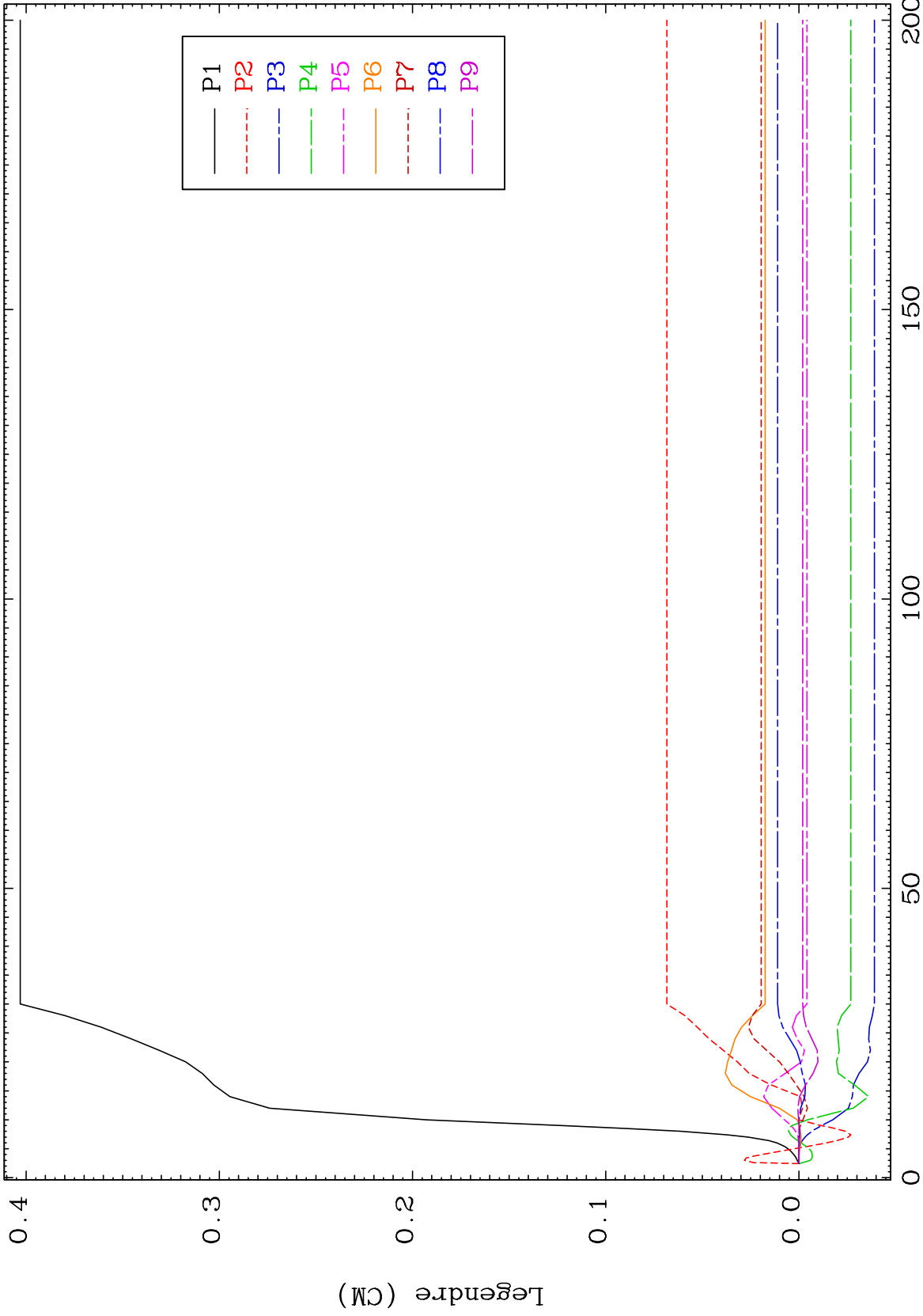
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



44

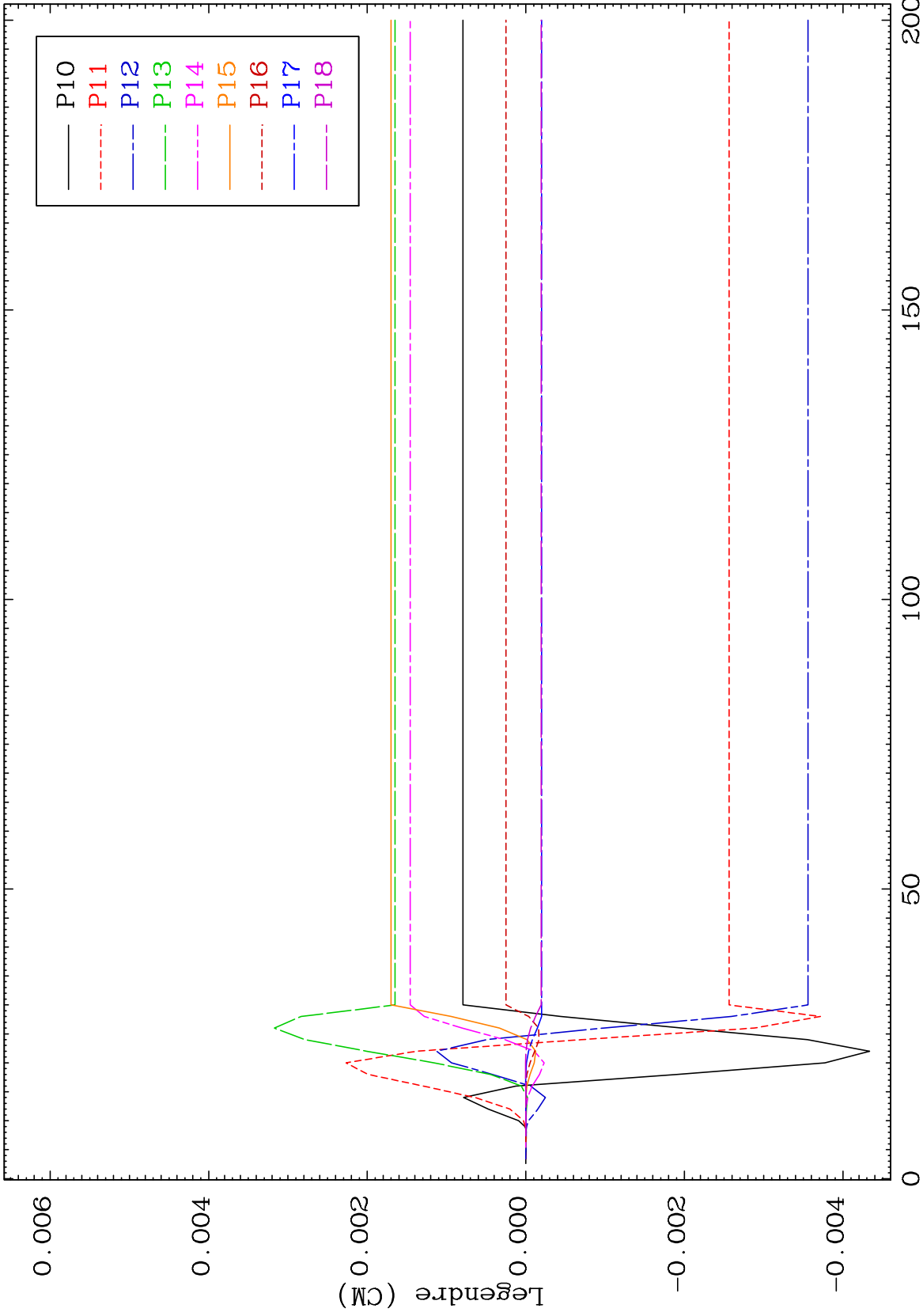
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



45

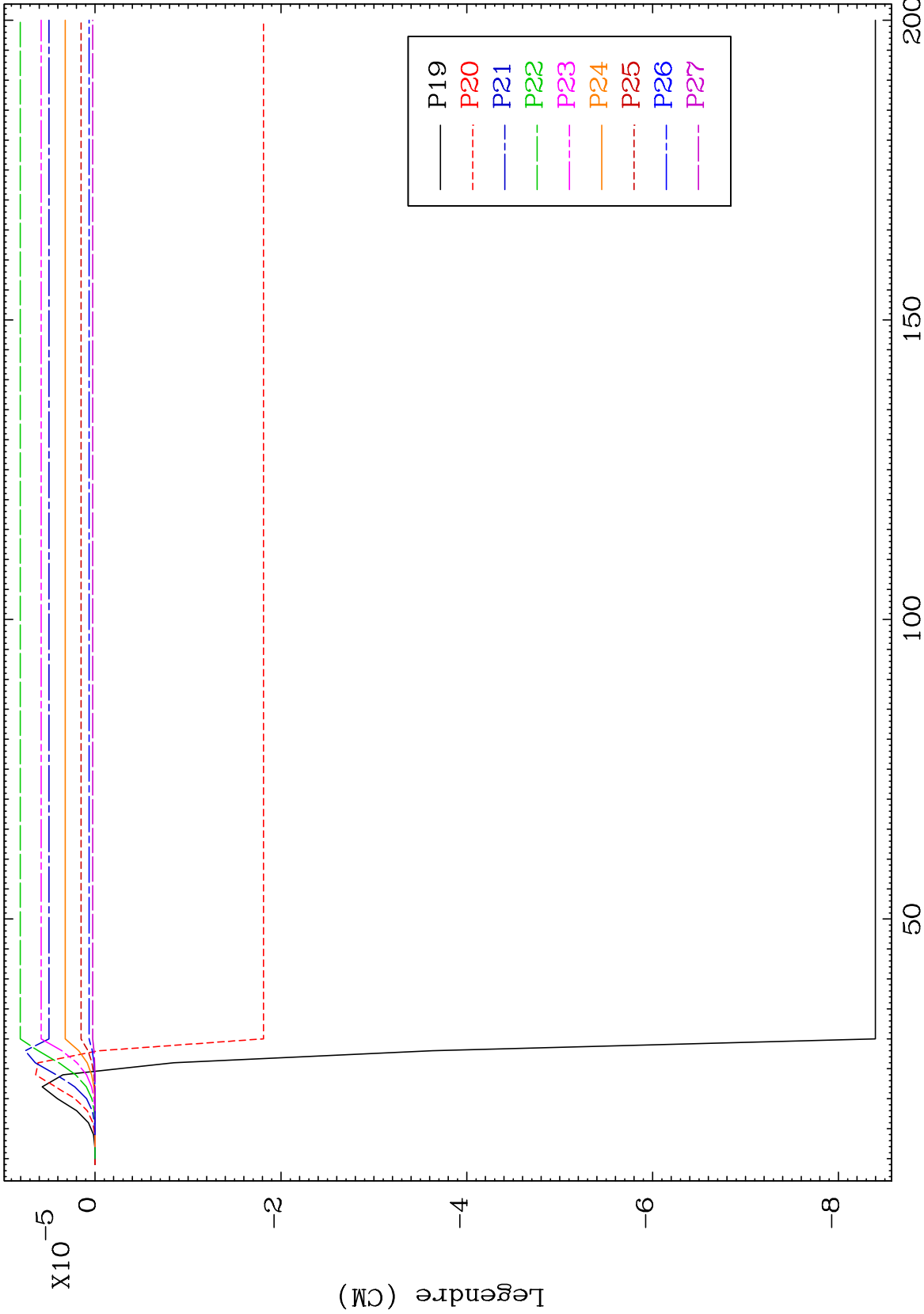
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



46

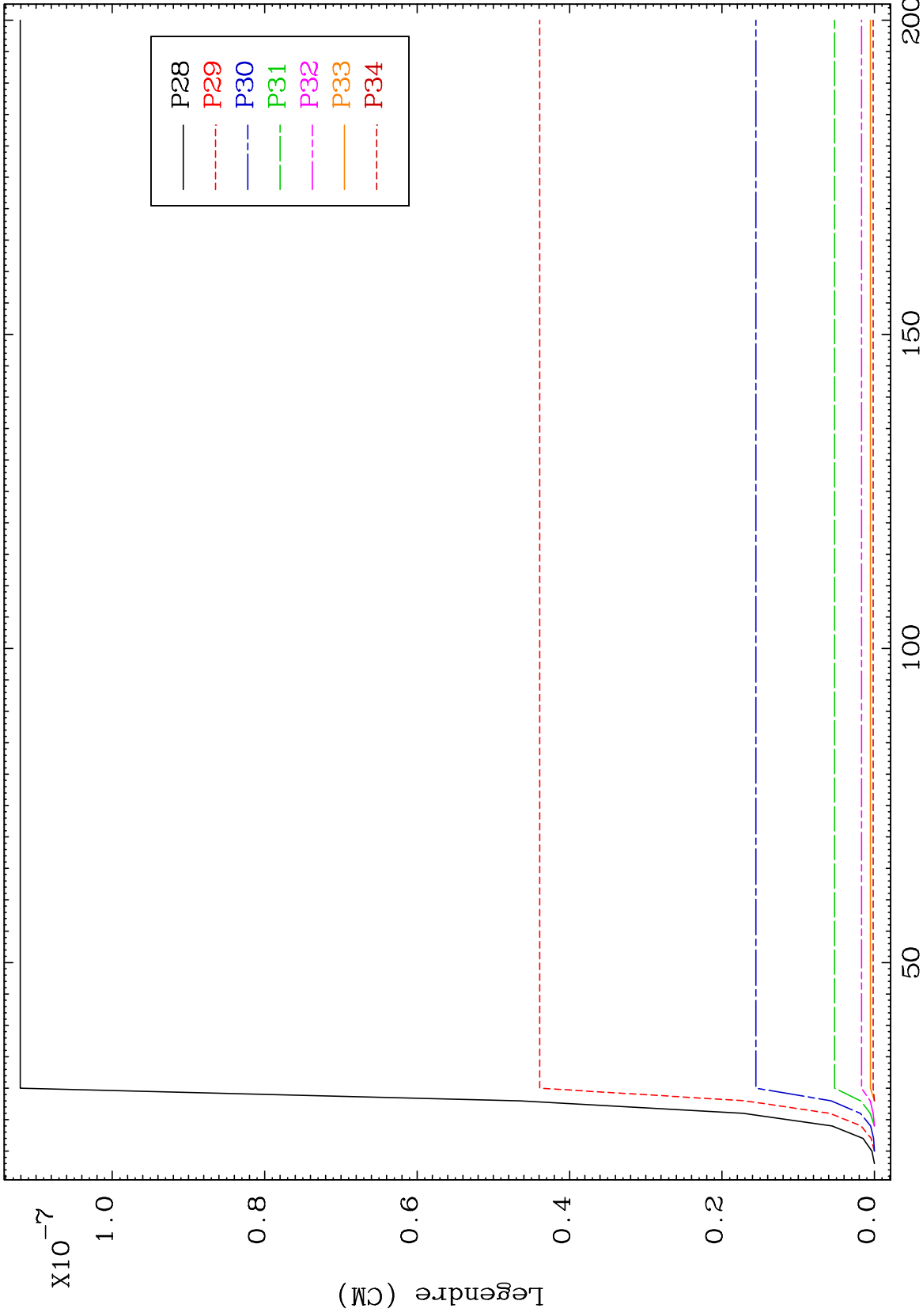
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



47

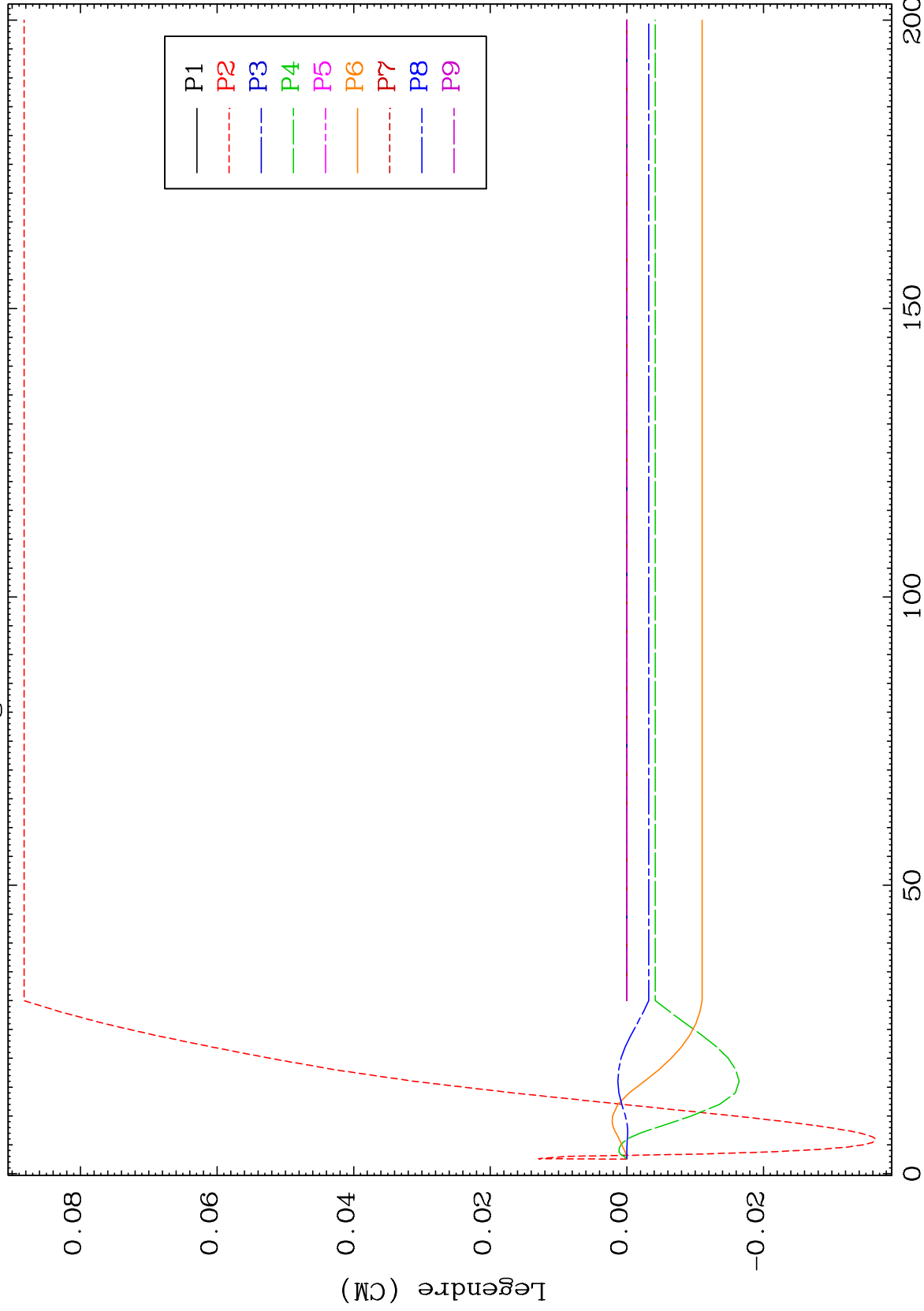
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48

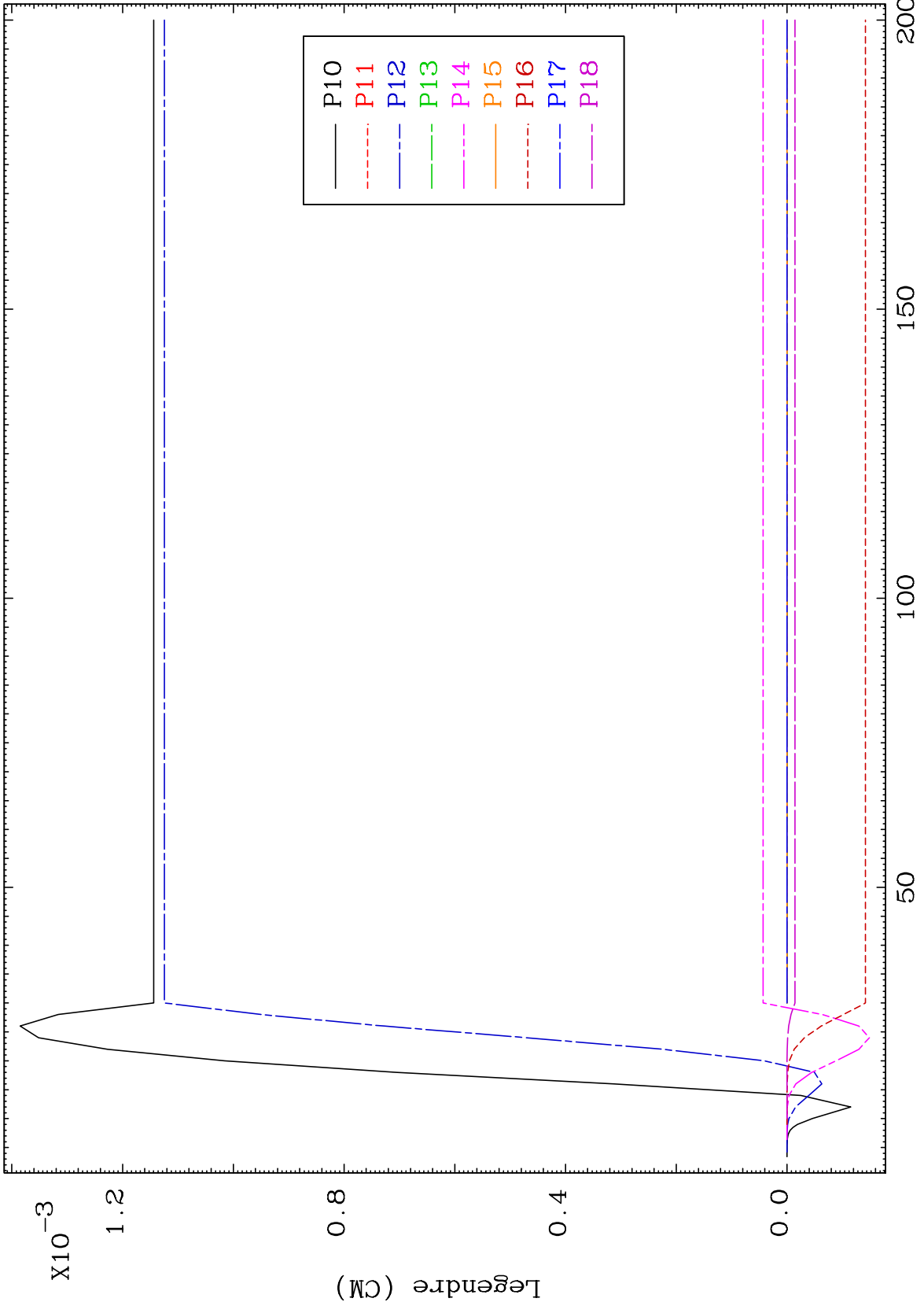
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

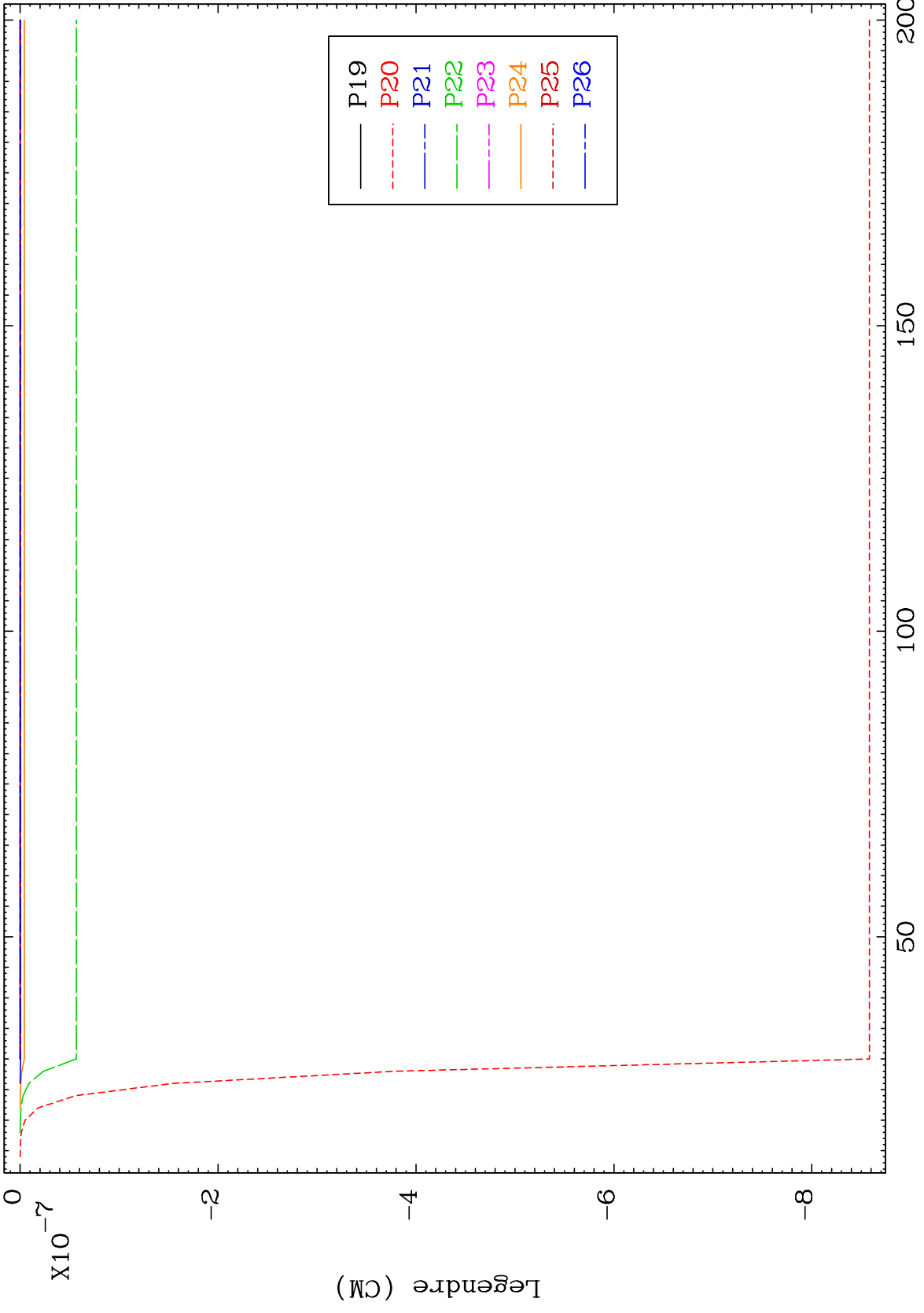
48-Cd-102



49

48-Cd-102

MAT 4813 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-102

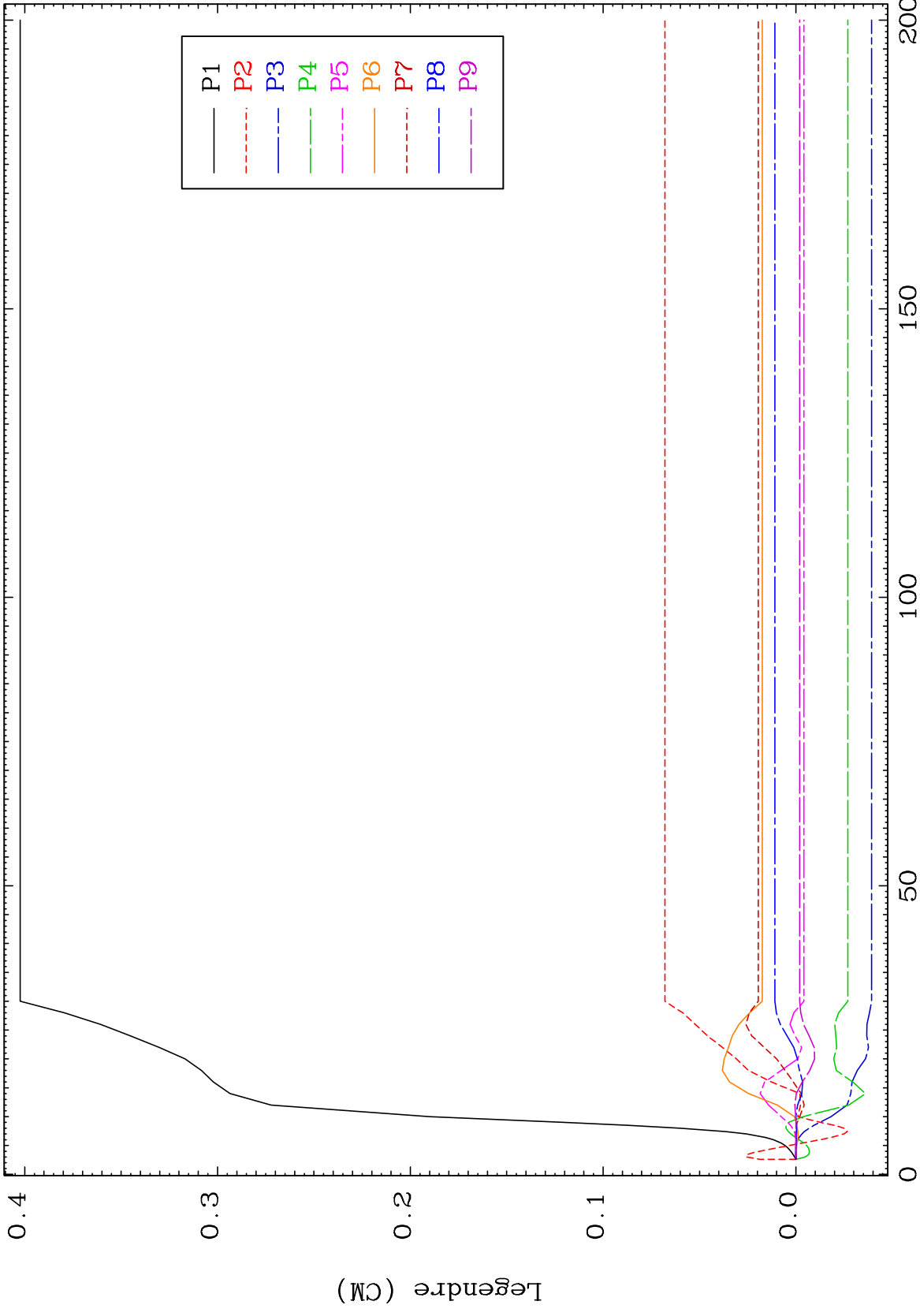


50 100 150 200 Incident Energy (MeV) 48-Cd-102

MAT 4813

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

48-Cd-102



51

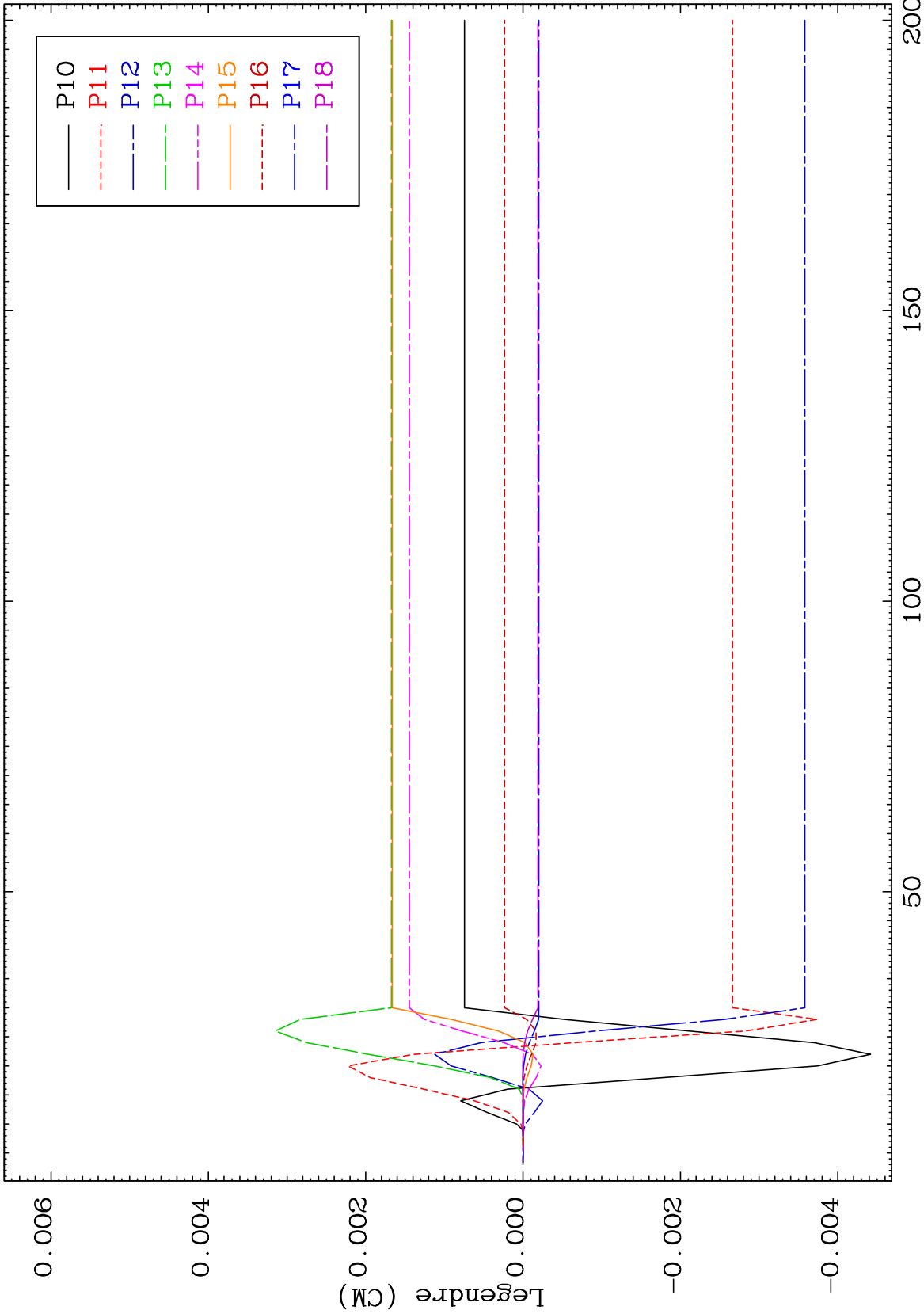
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



52

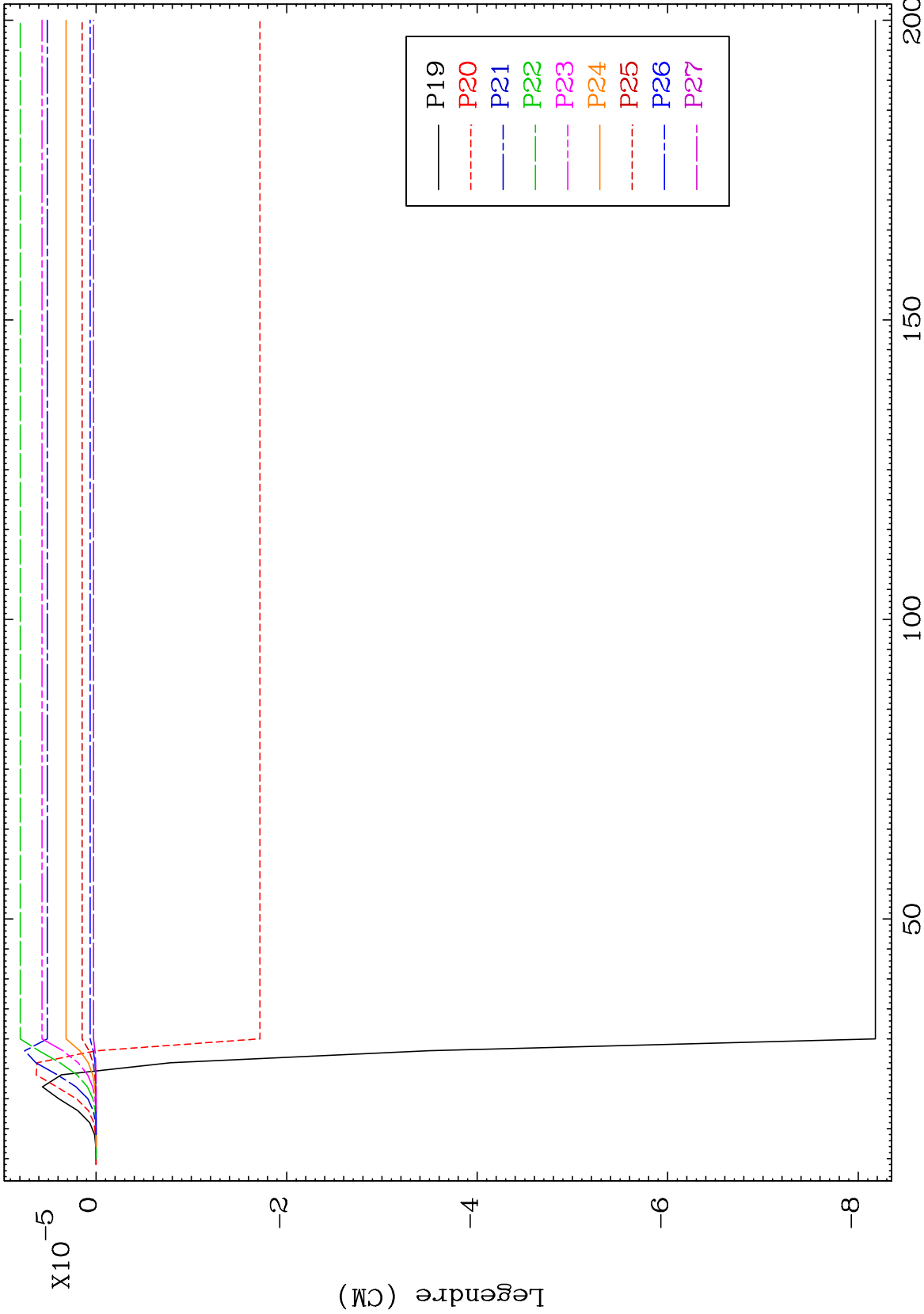
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



53

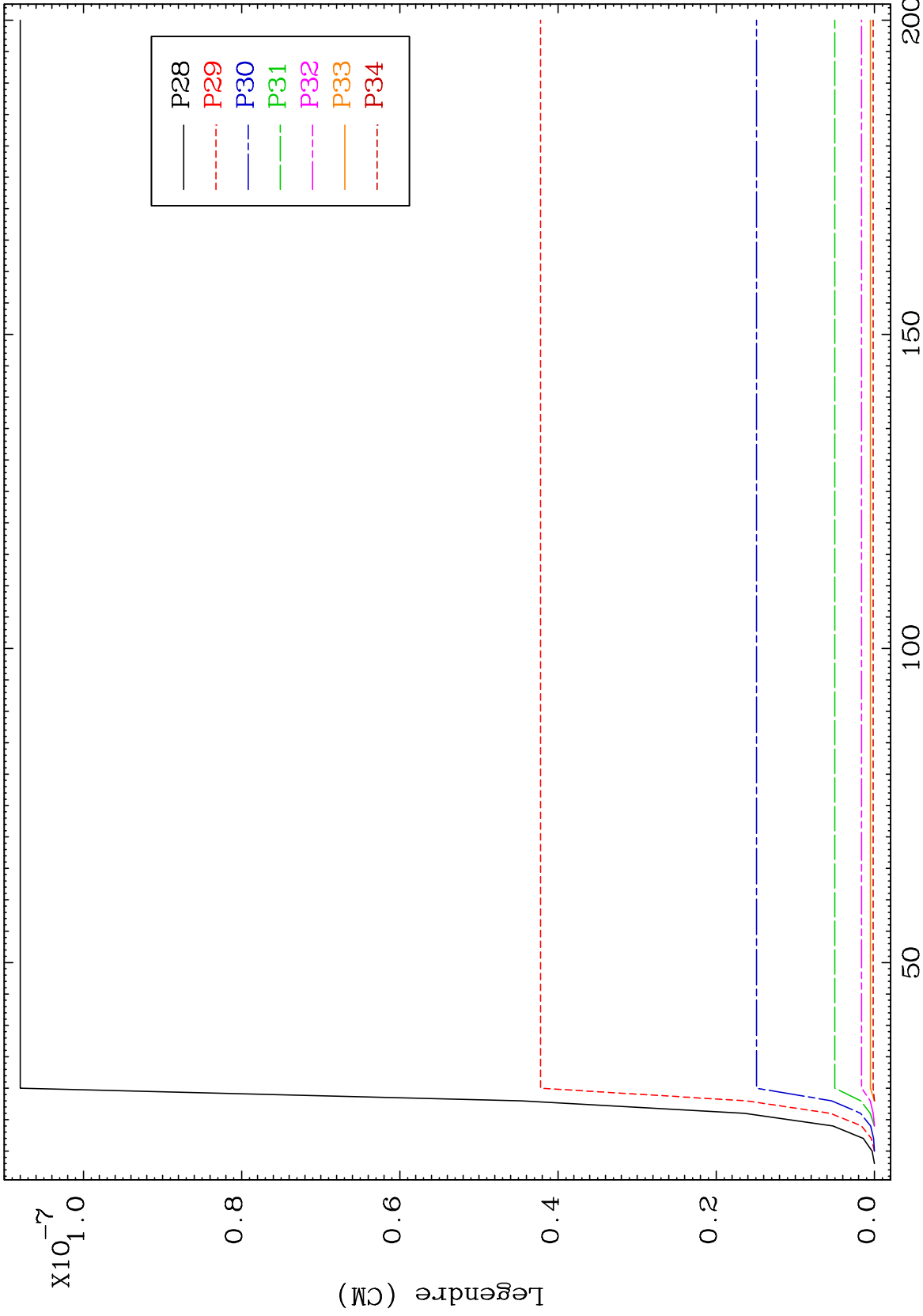
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

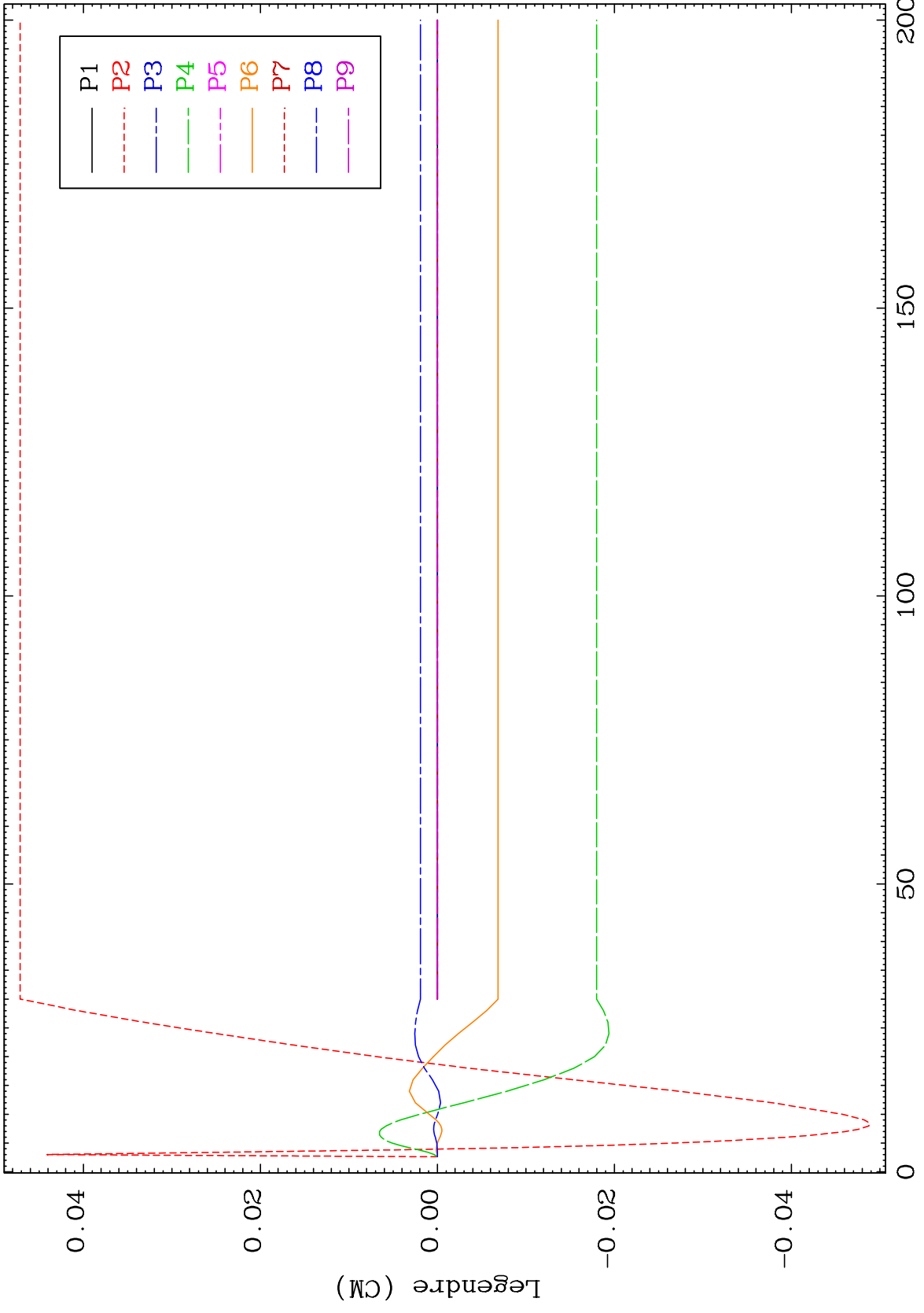


54

Incident Energy (MeV)

48-Cd-102

MAT 4813 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-102

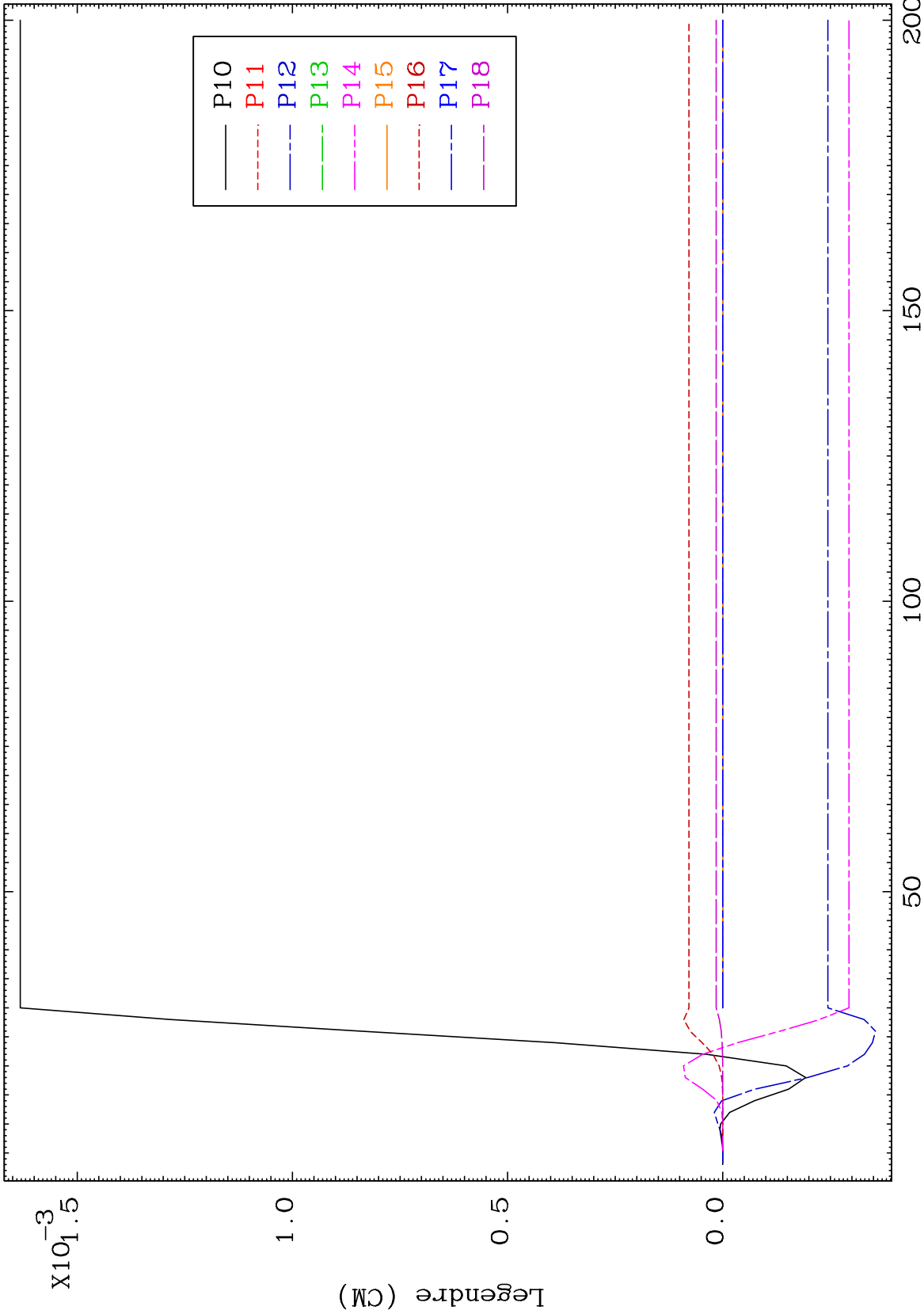


55 Incident Energy (MeV) 48-Cd-102

MAT 4813

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

48-Cd-102

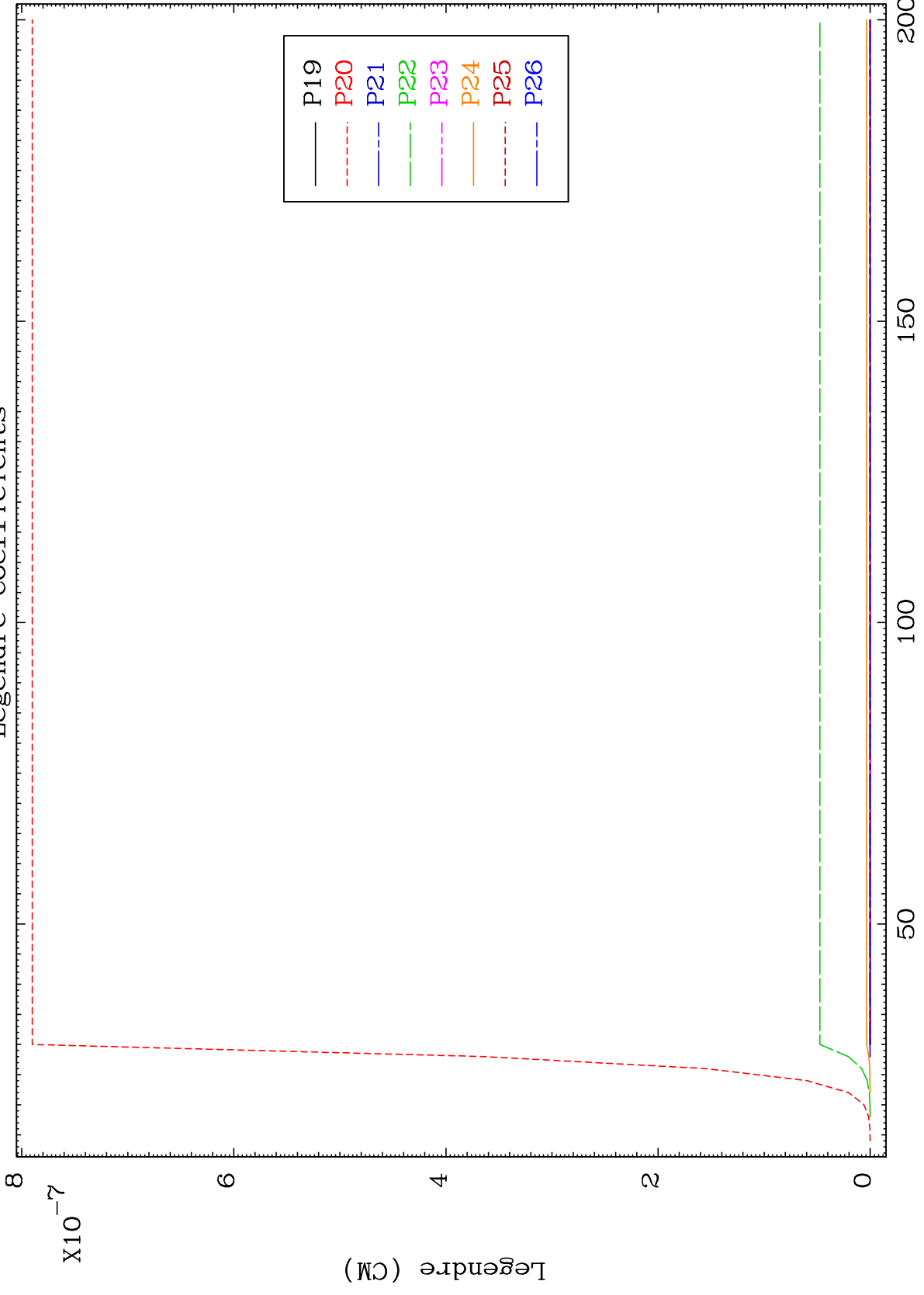


56

Incident Energy (MeV)

48-Cd-102

MAT 4813 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-102

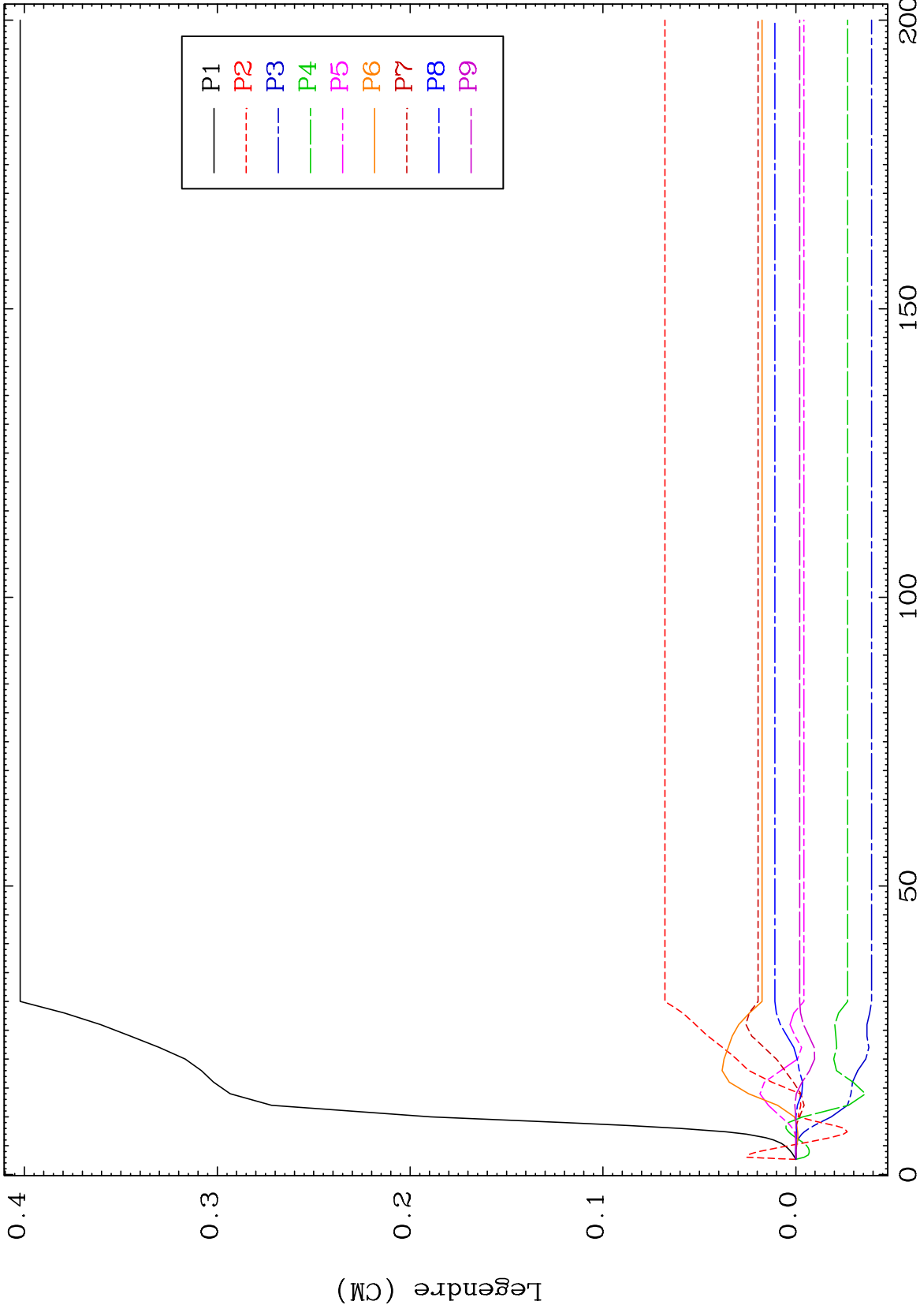


57 48-Cd-102

MAT 4813

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

48-Cd-102



58

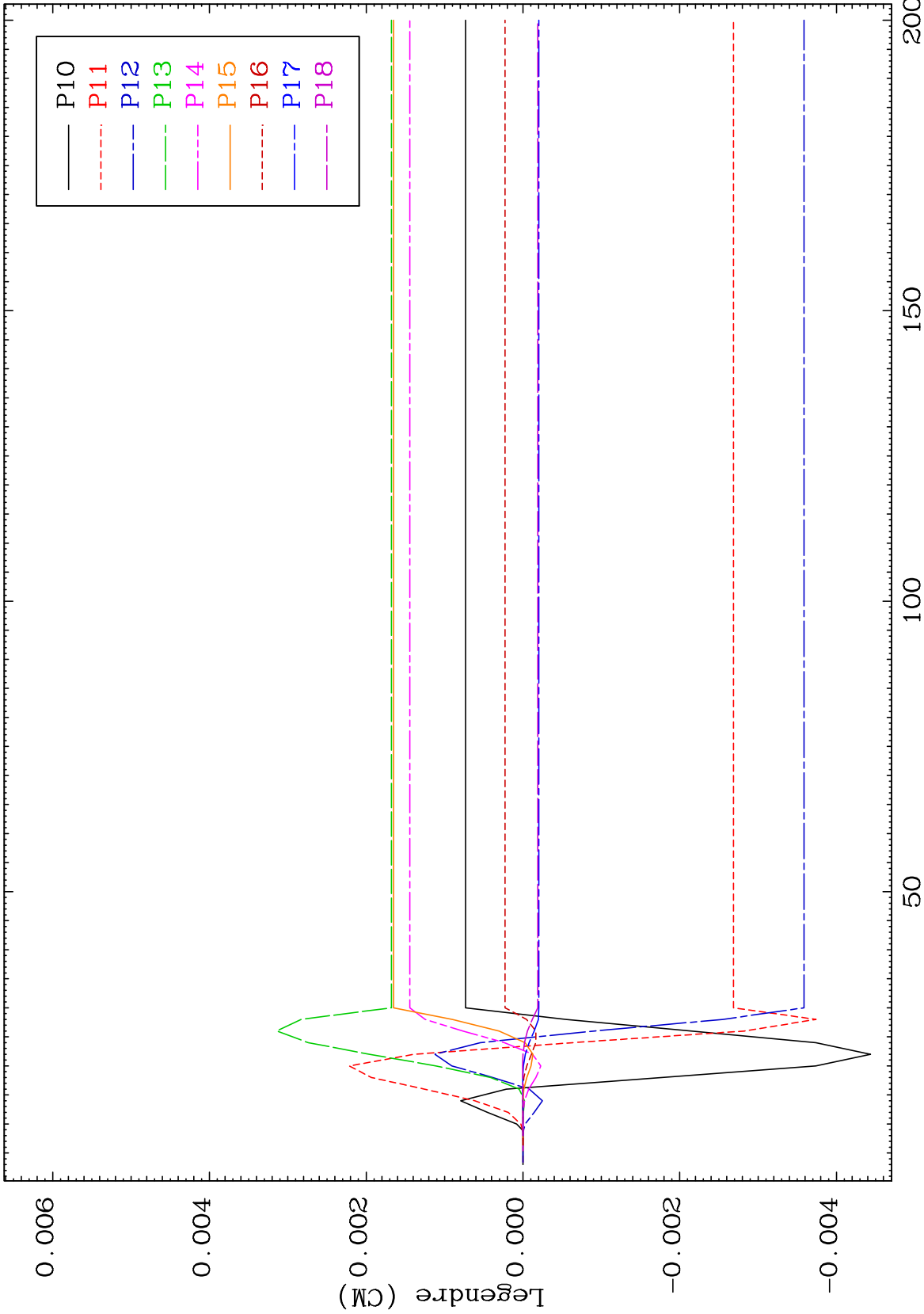
48-Cd-102

48-Cd-102

MAT 4813

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

48-Cd-102



59

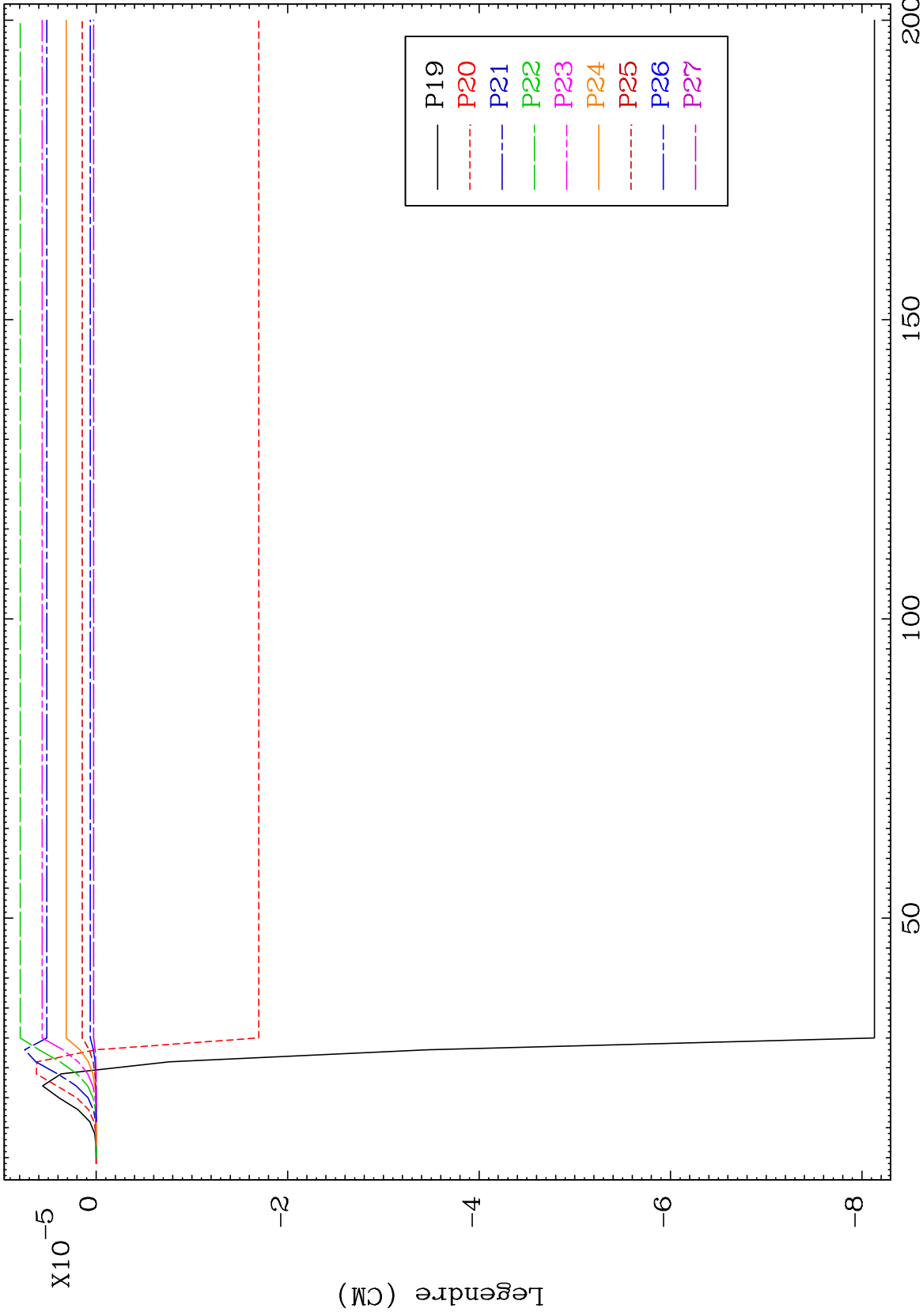
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

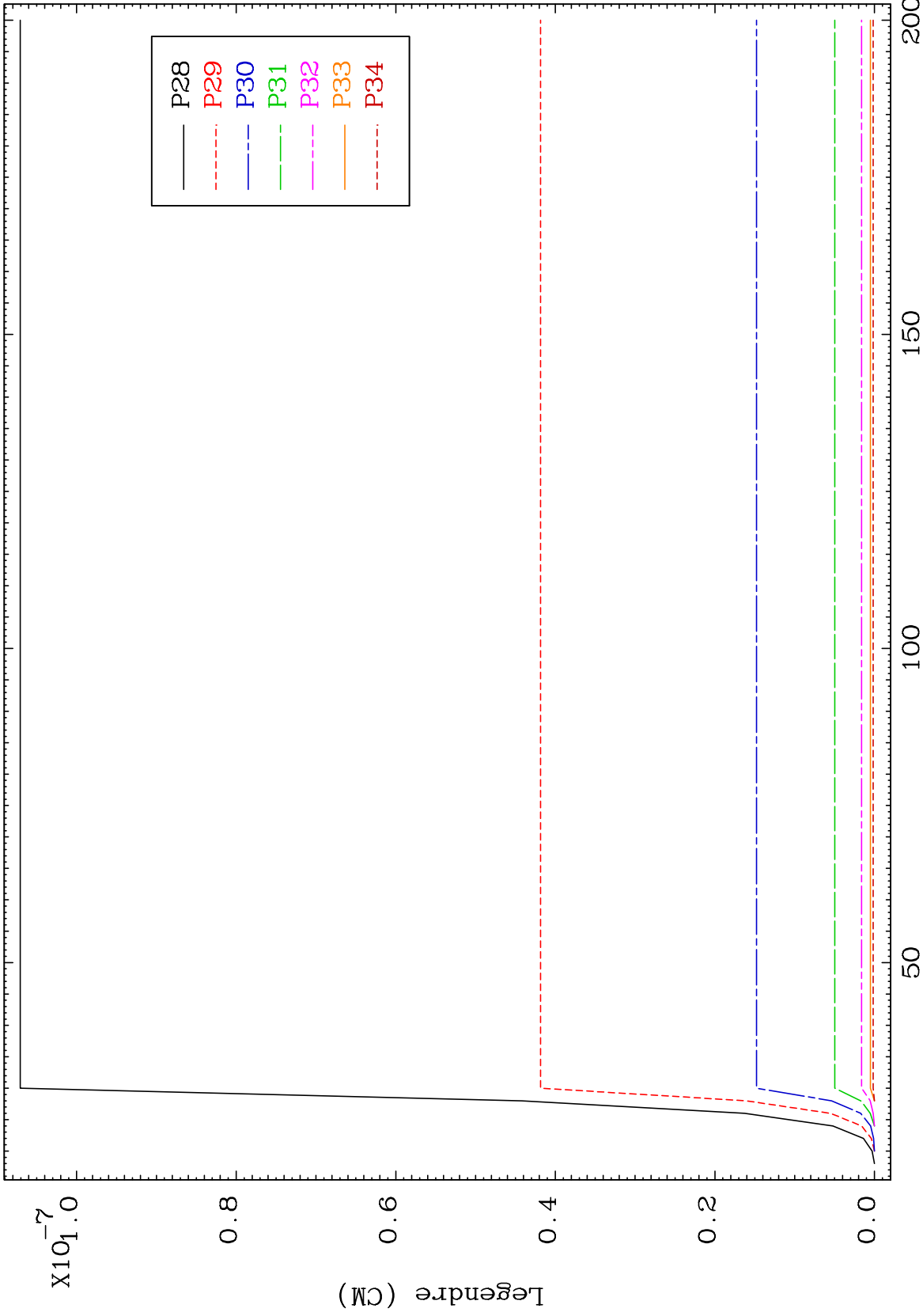
Incident Energy (MeV)

60

MAT 4813

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

48-Cd-102



61

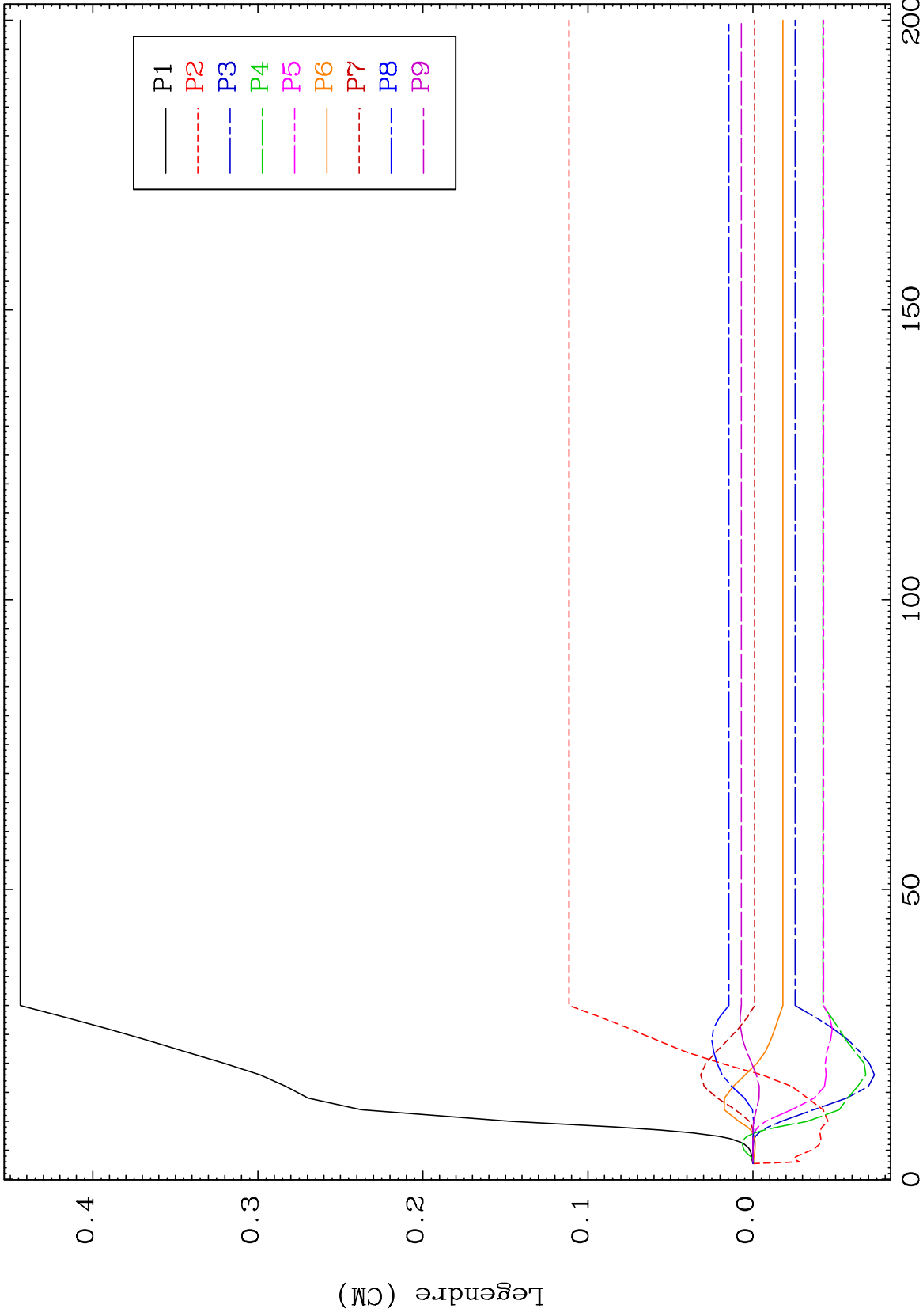
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



62

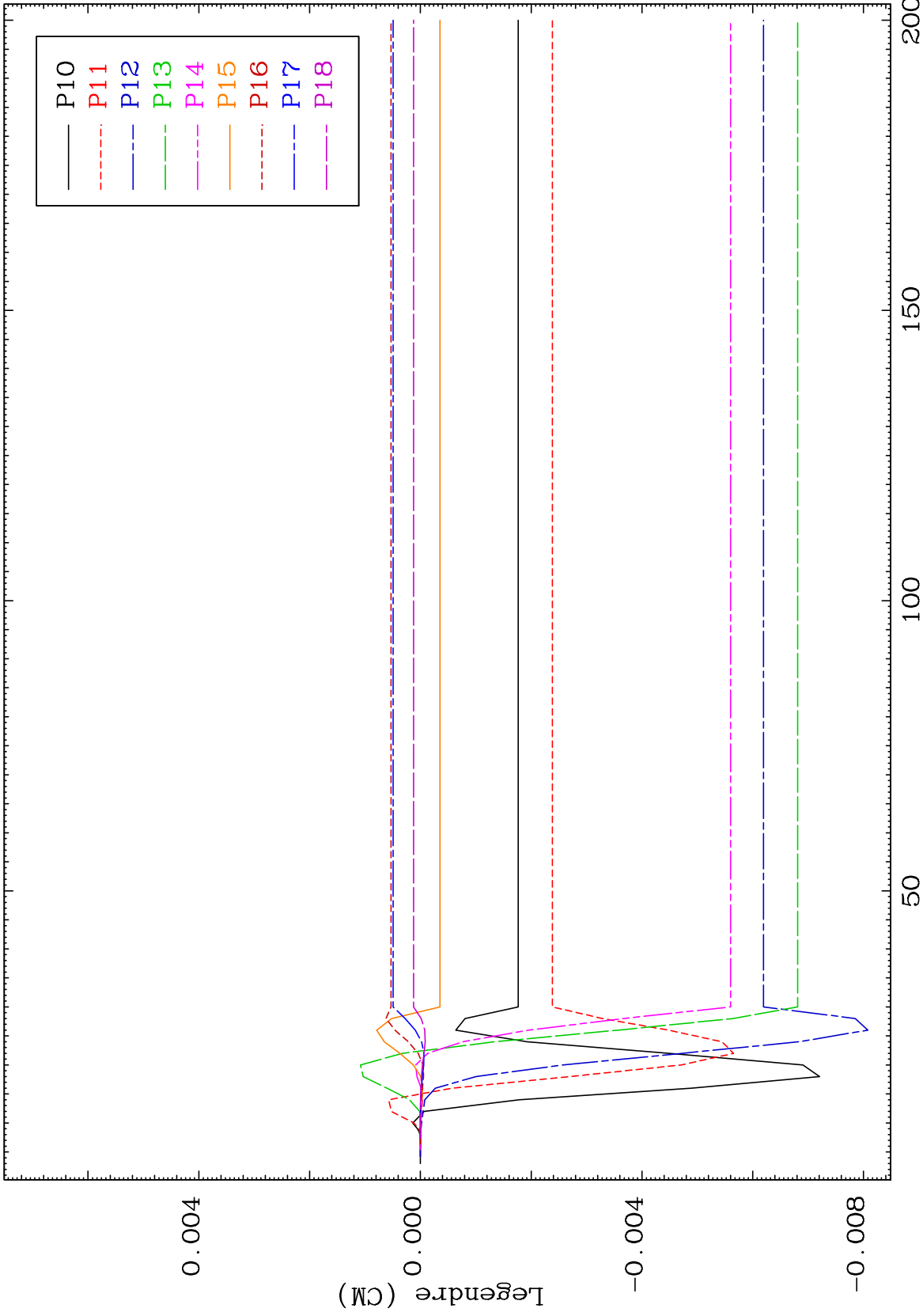
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



63

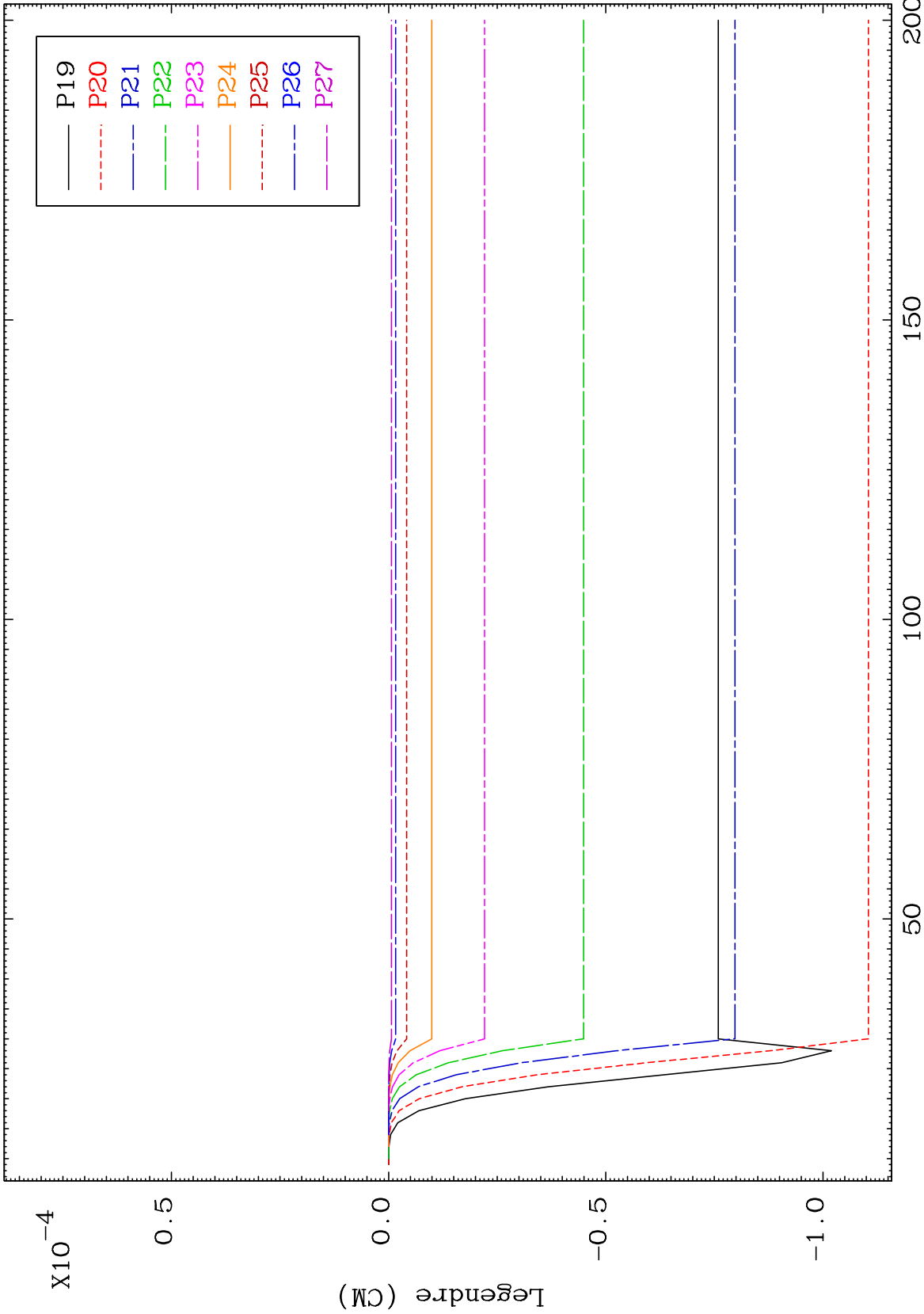
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



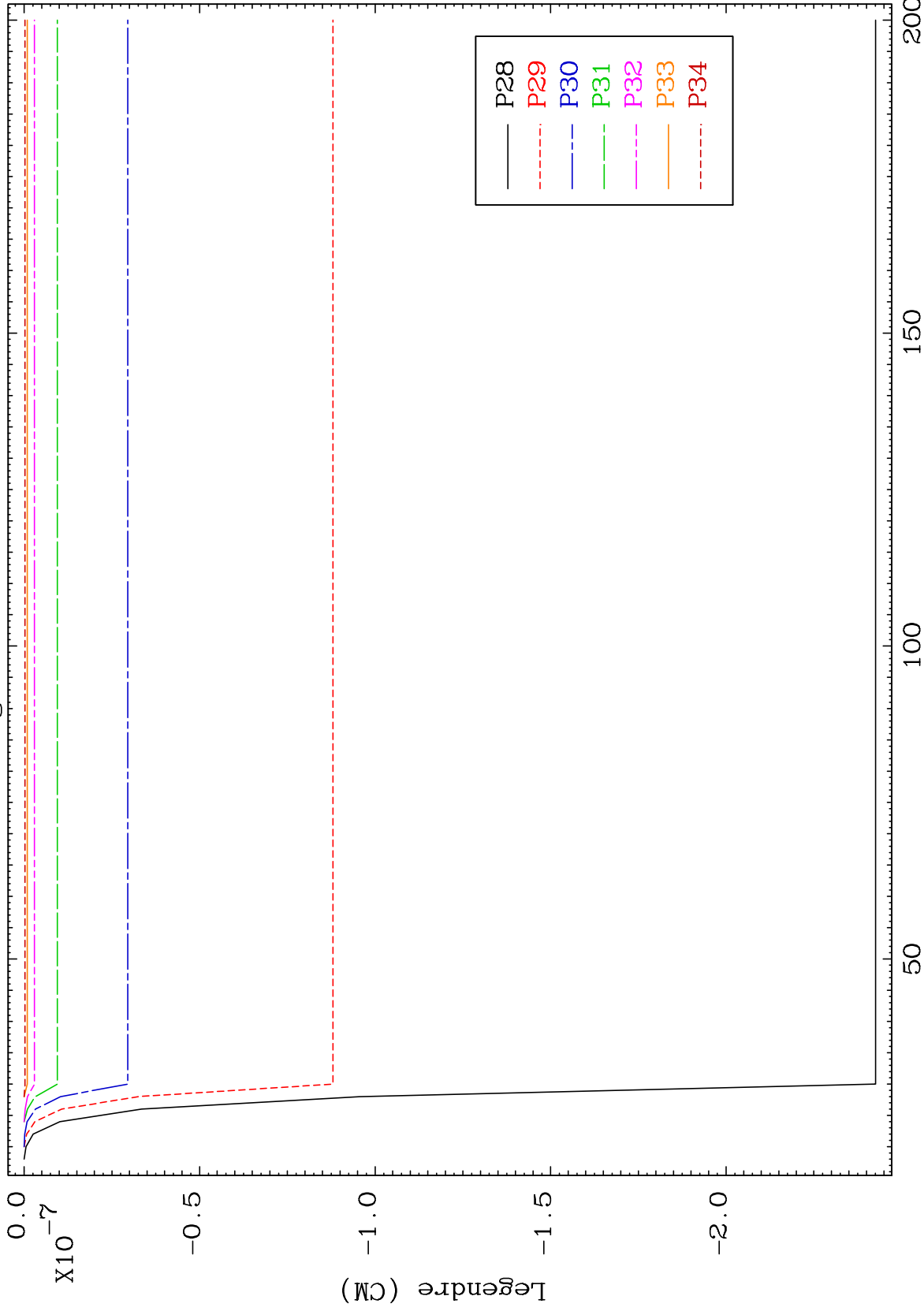
64

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

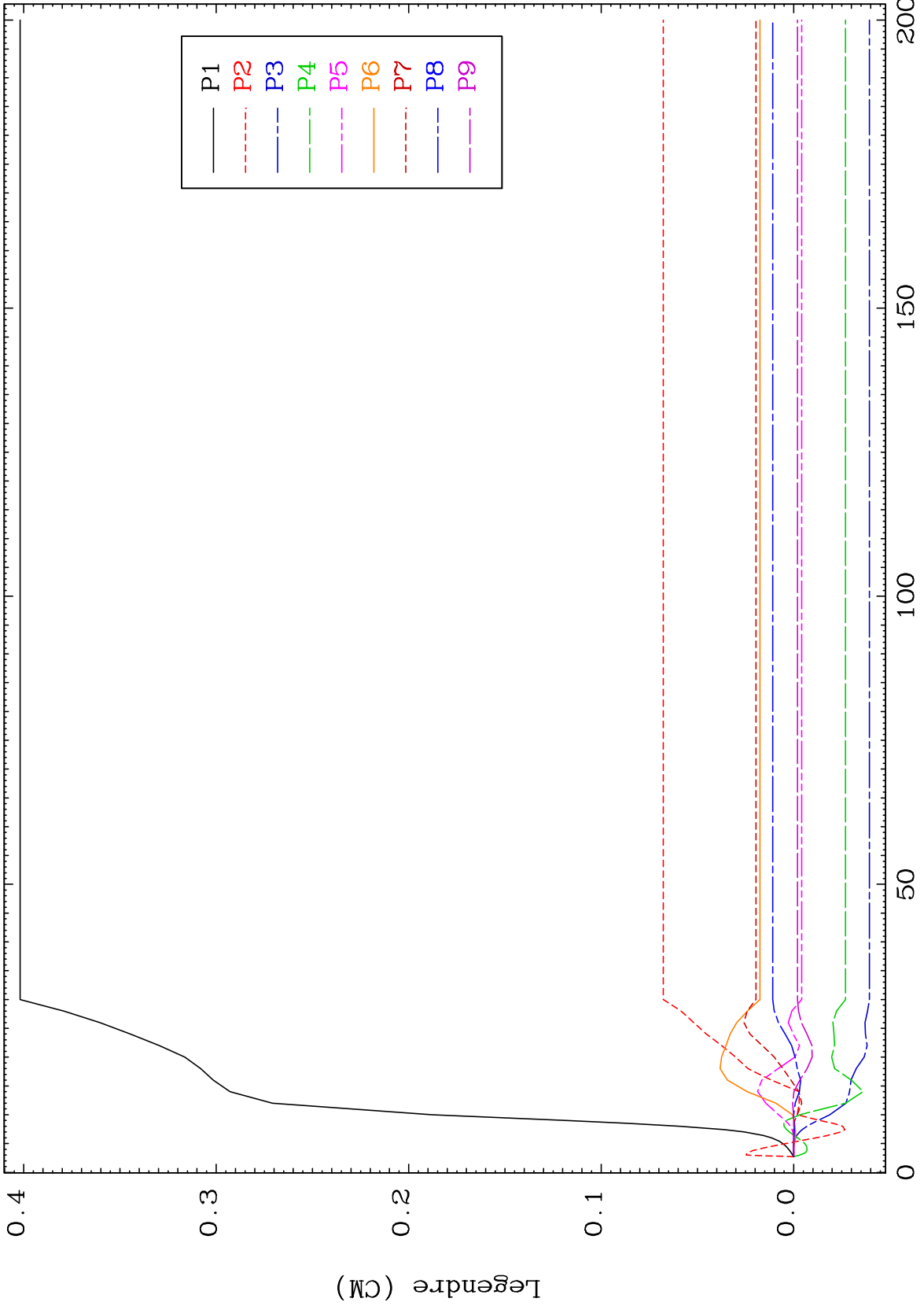
Incident Energy (MeV)

65

MAT 4813

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

48-Cd-102



66

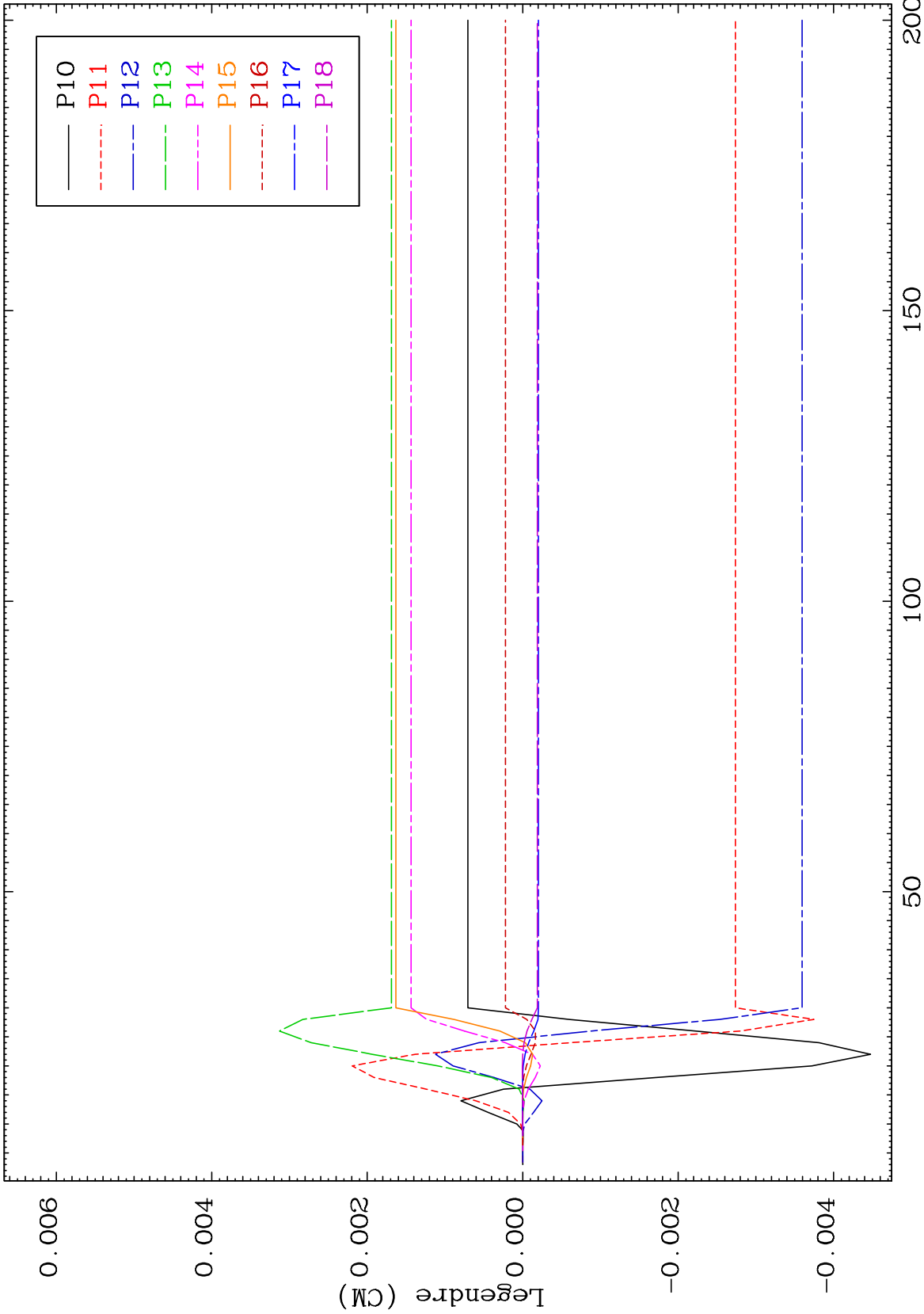
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



67

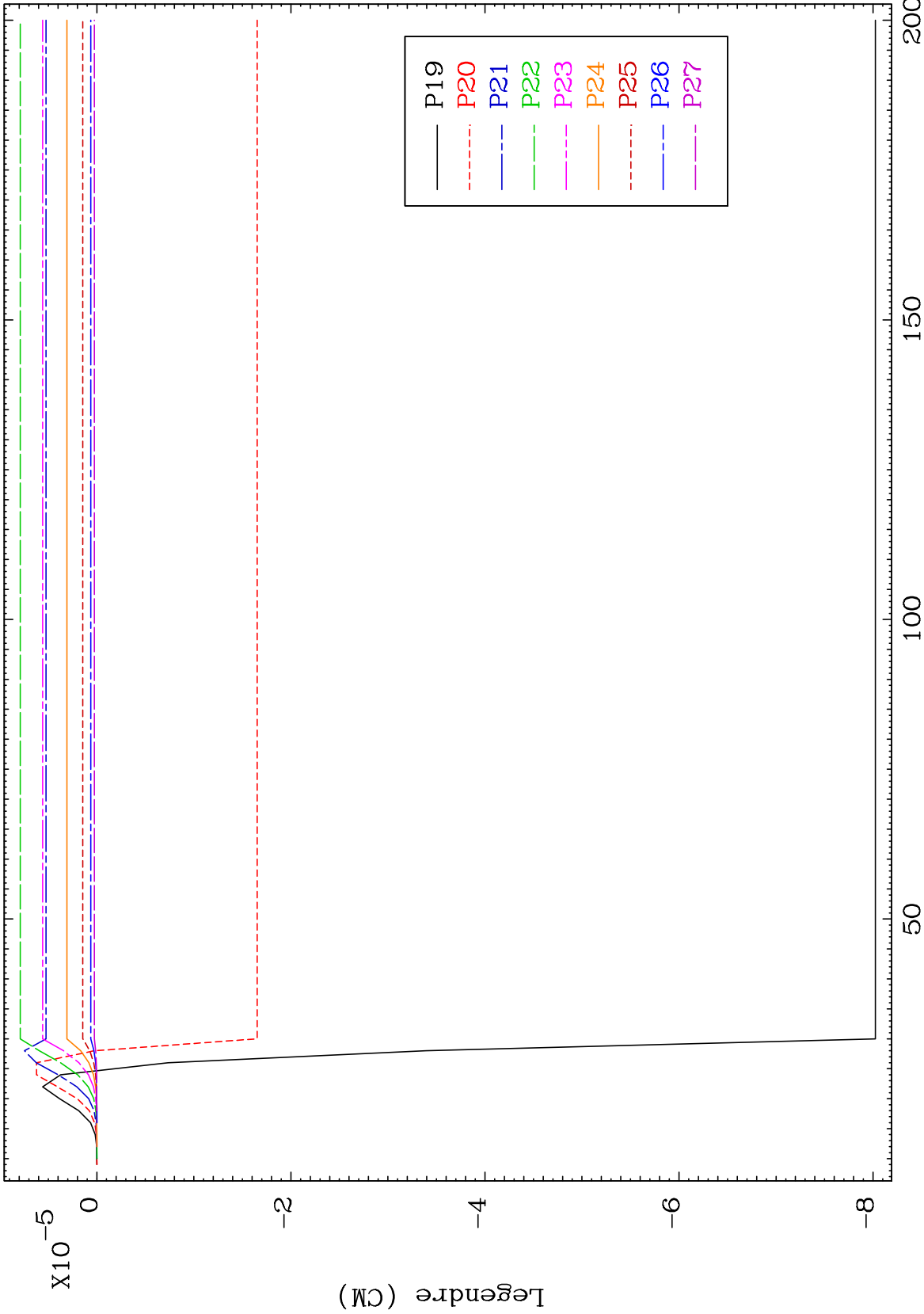
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



68

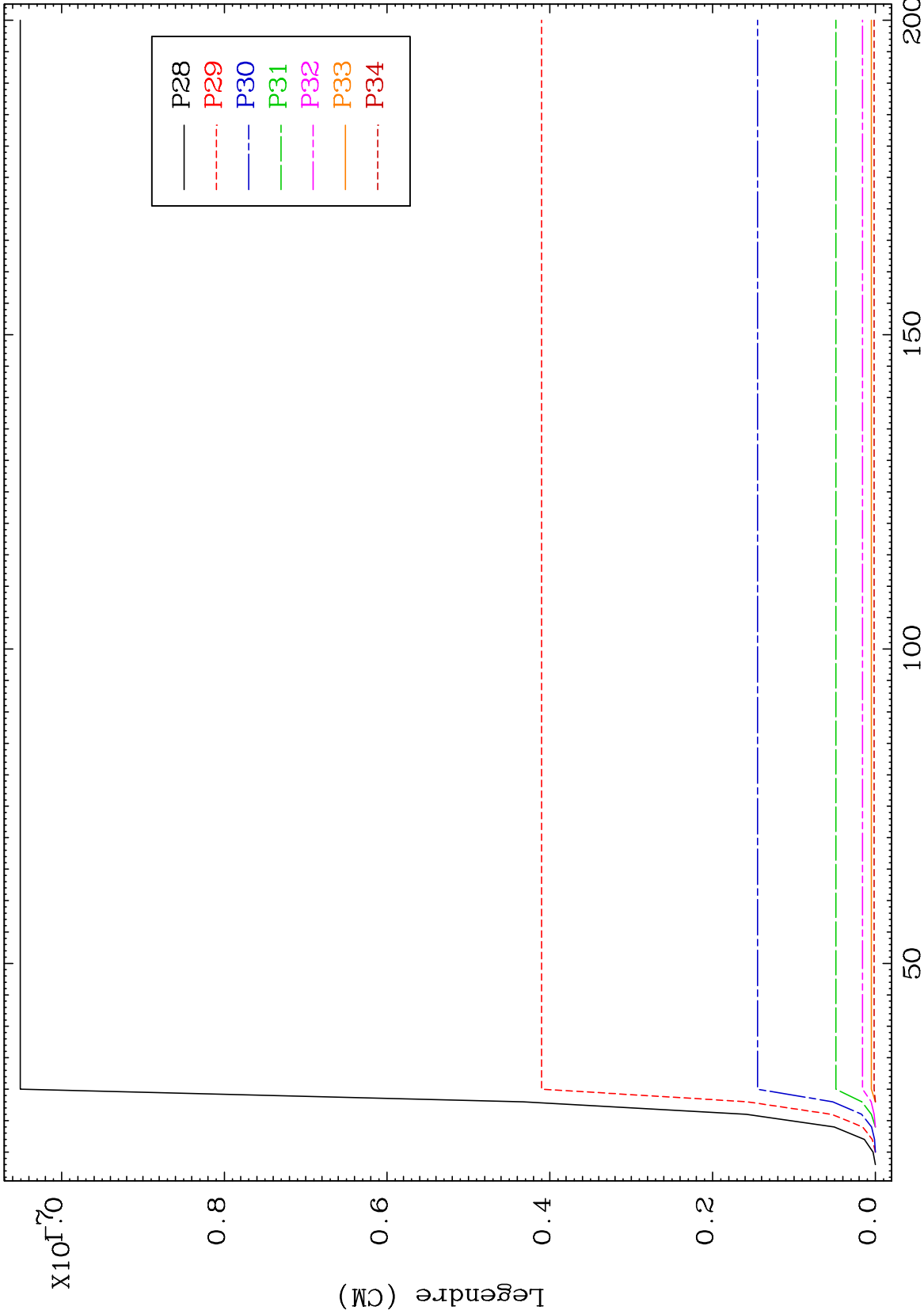
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



69

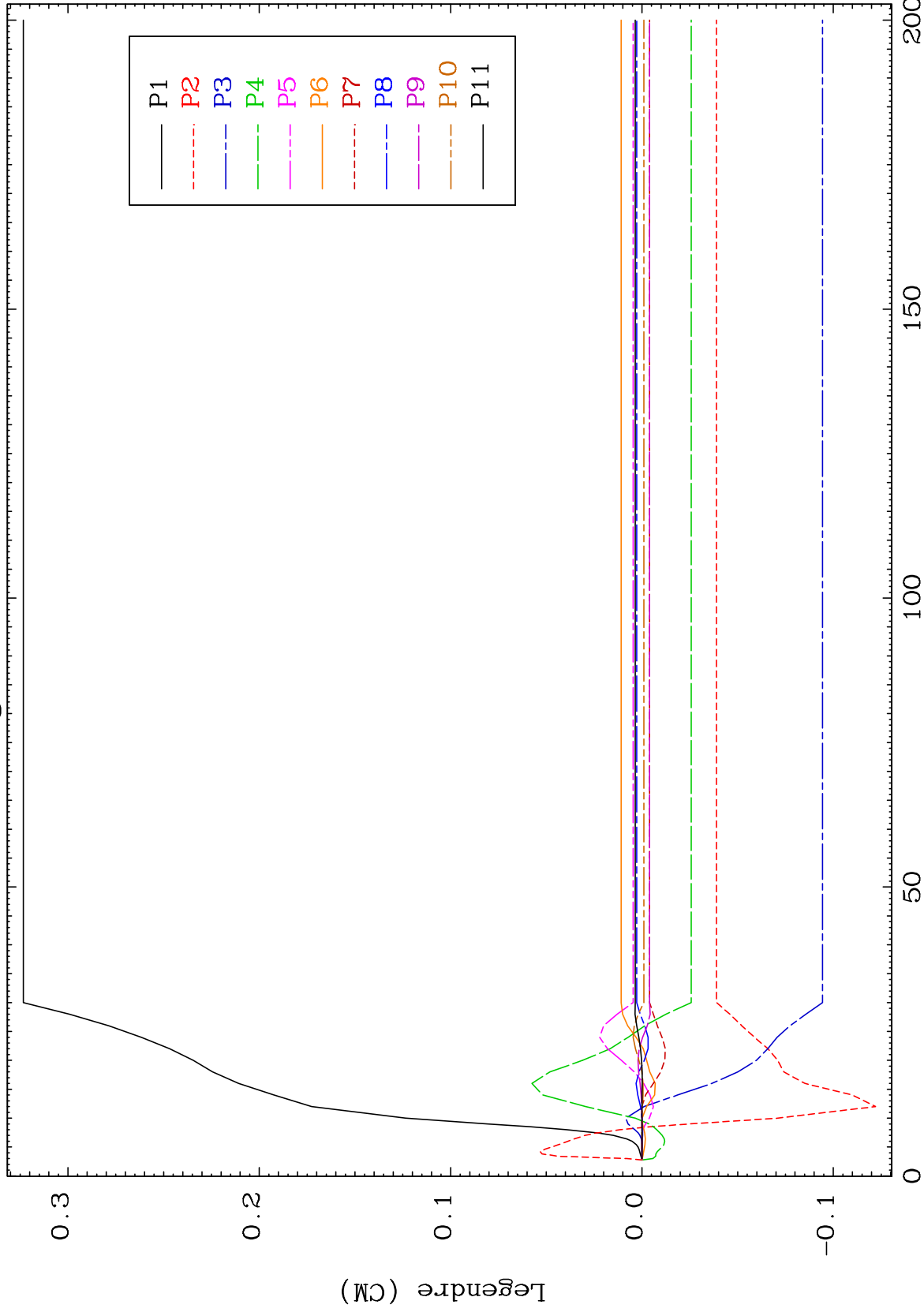
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



70

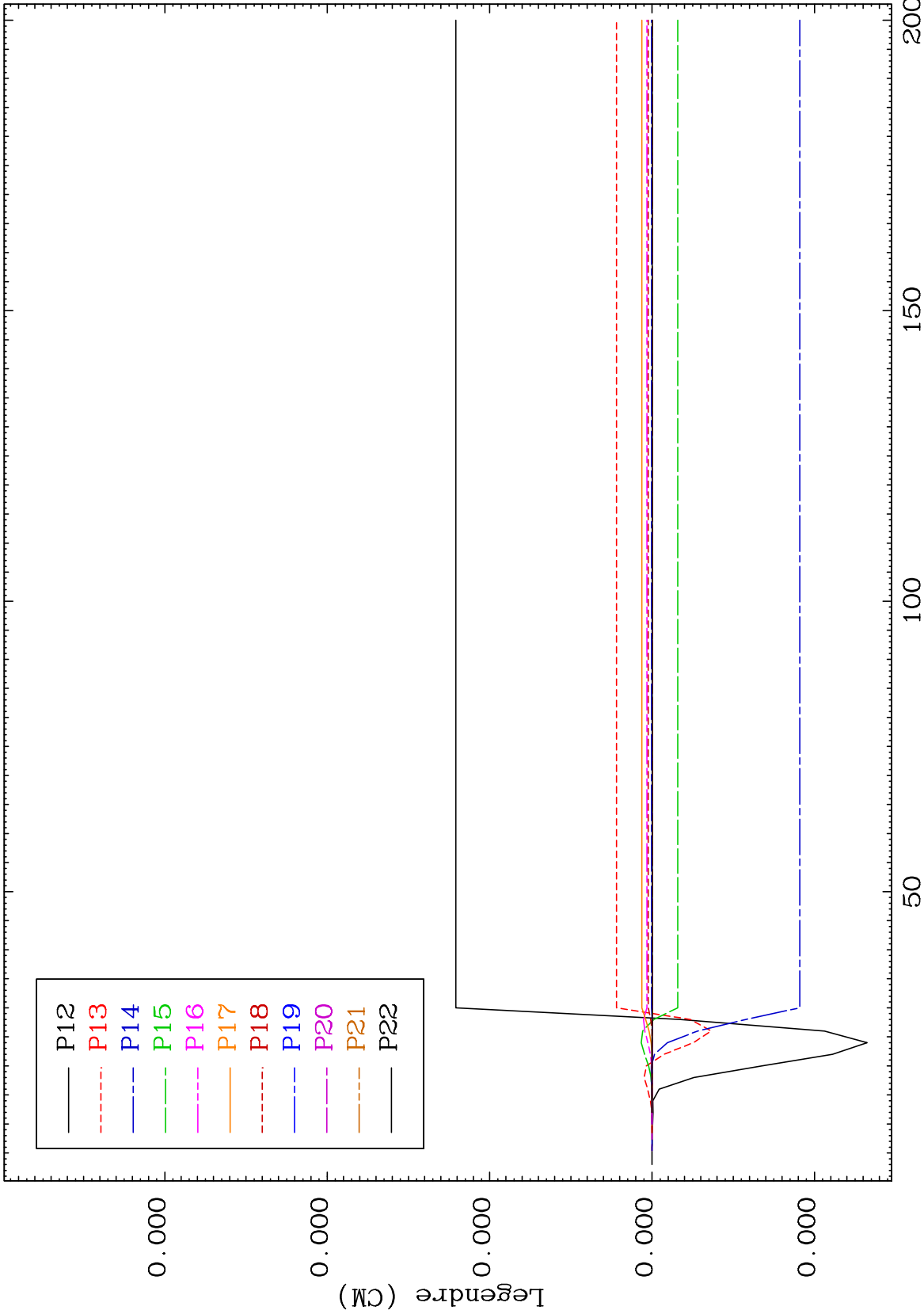
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



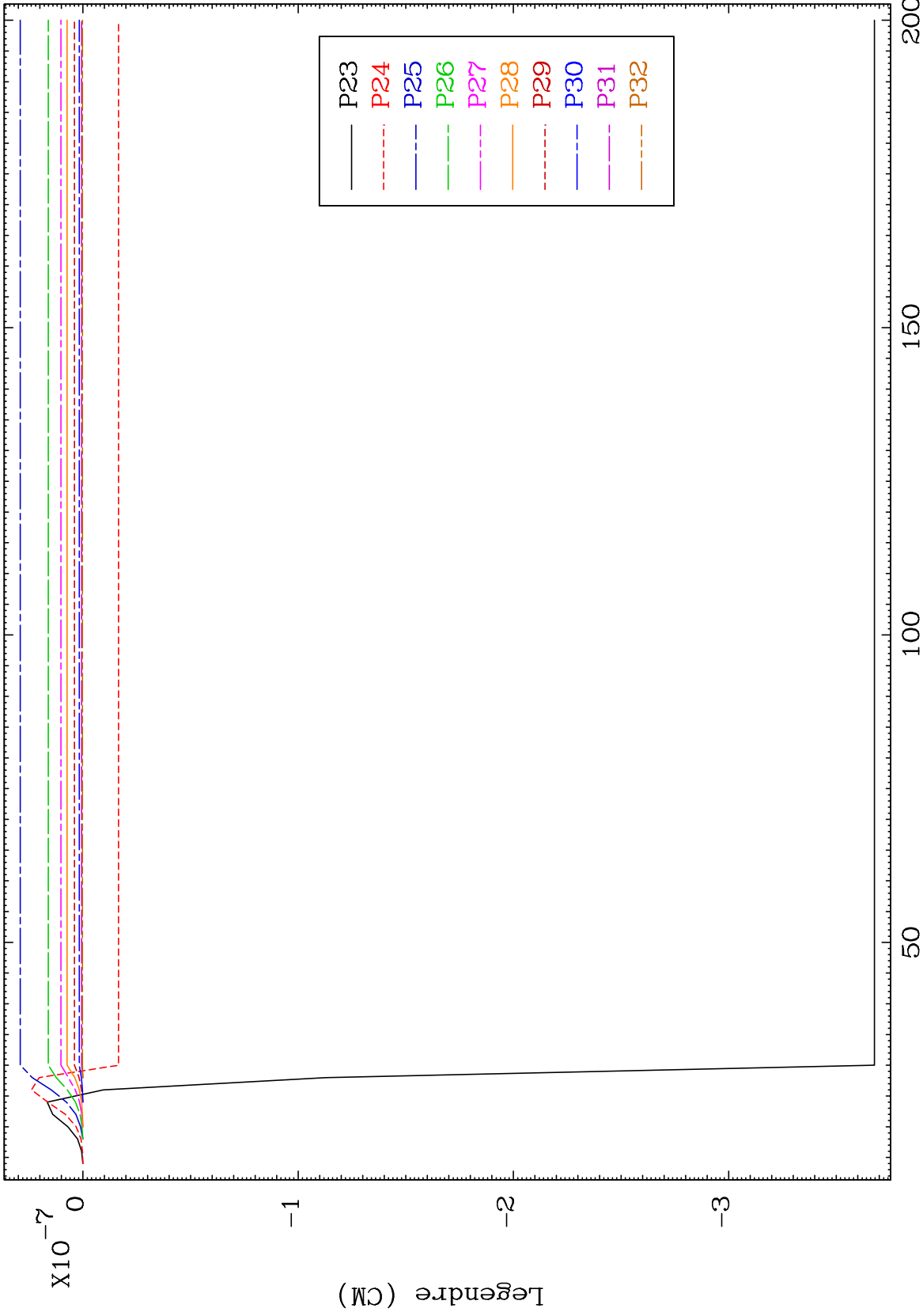
71

48-Cd-102

MAT 4813

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

48-Cd-102



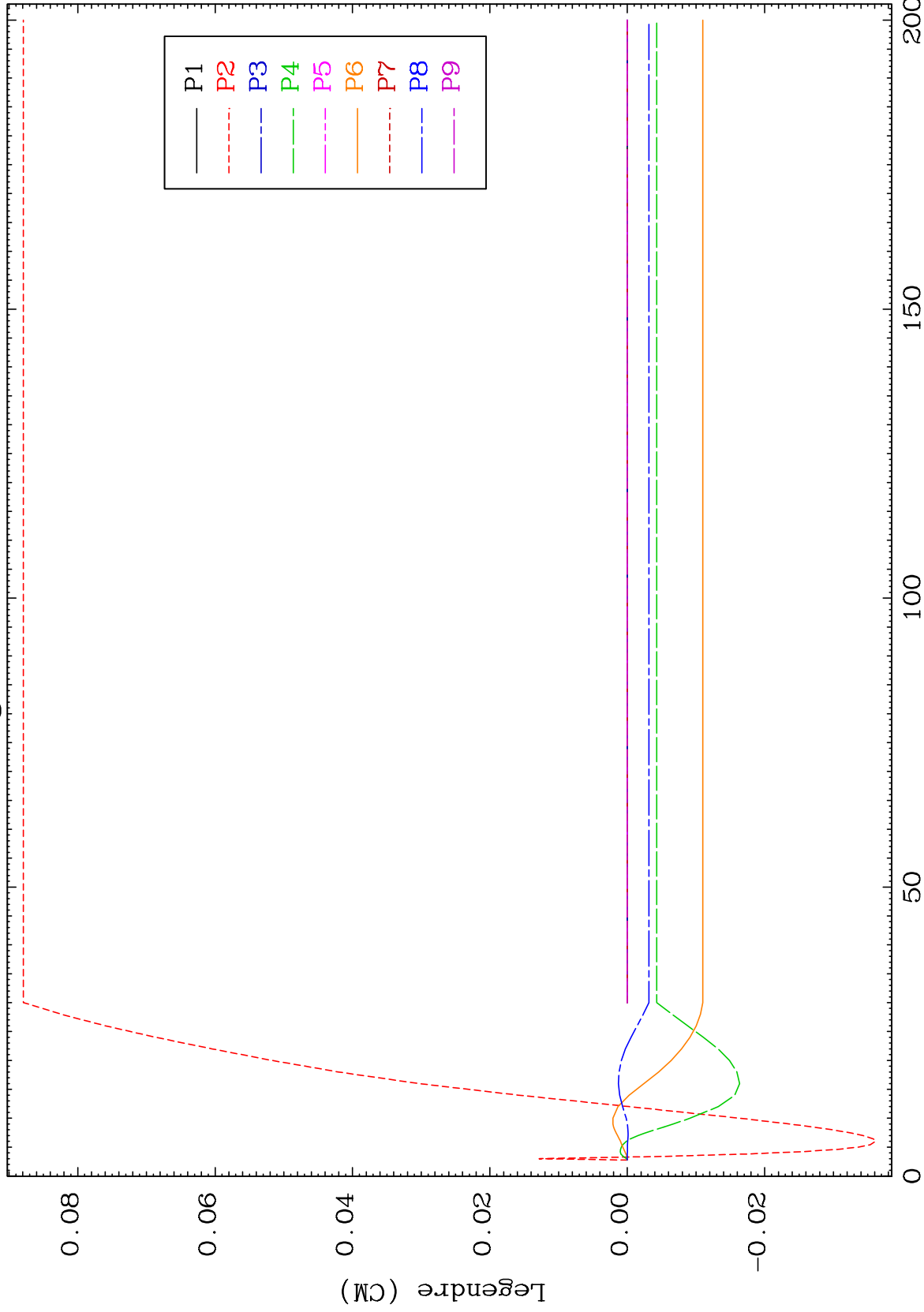
72

48-Cd-102

MAT 4813

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

48-Cd-102



73

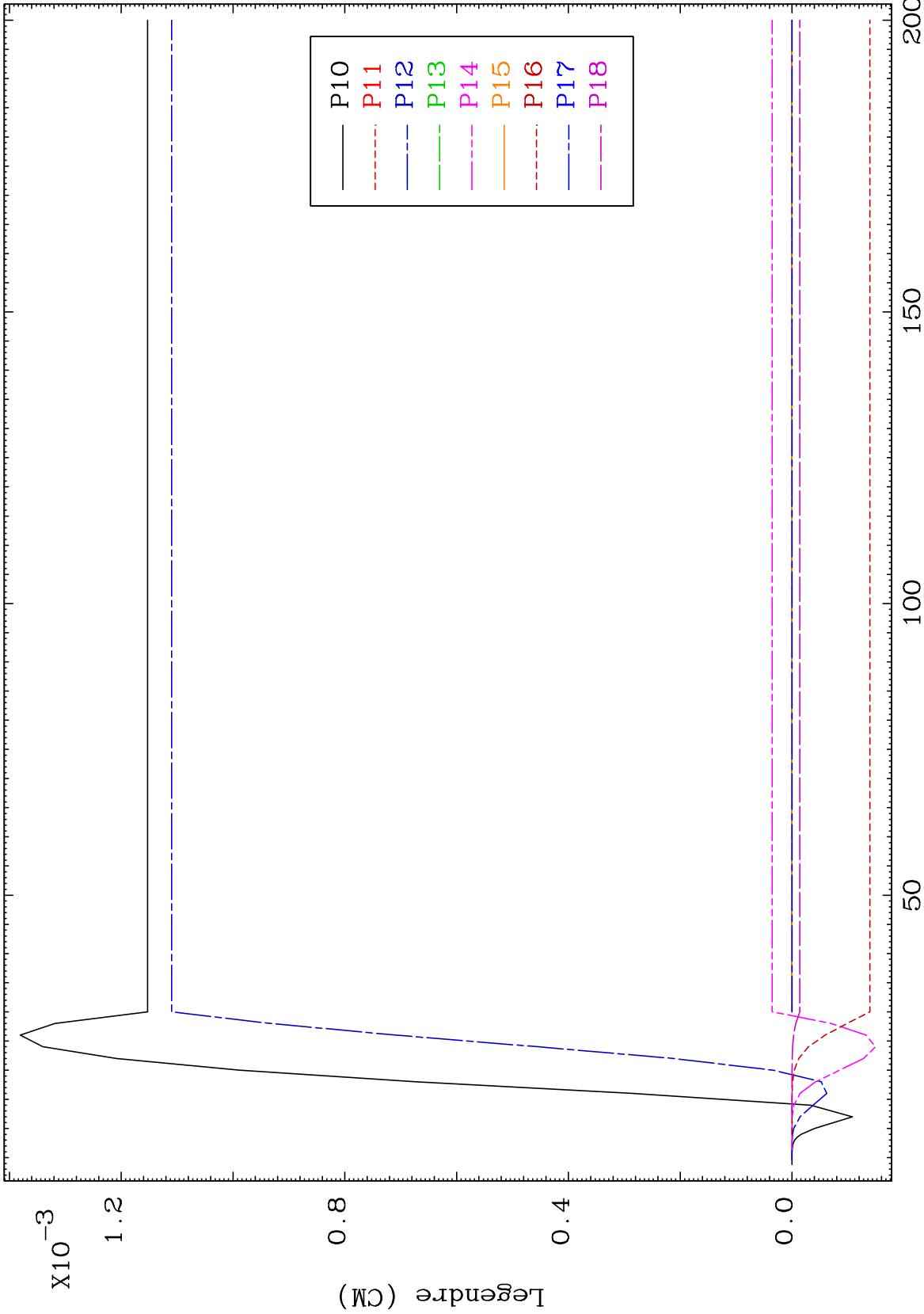
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



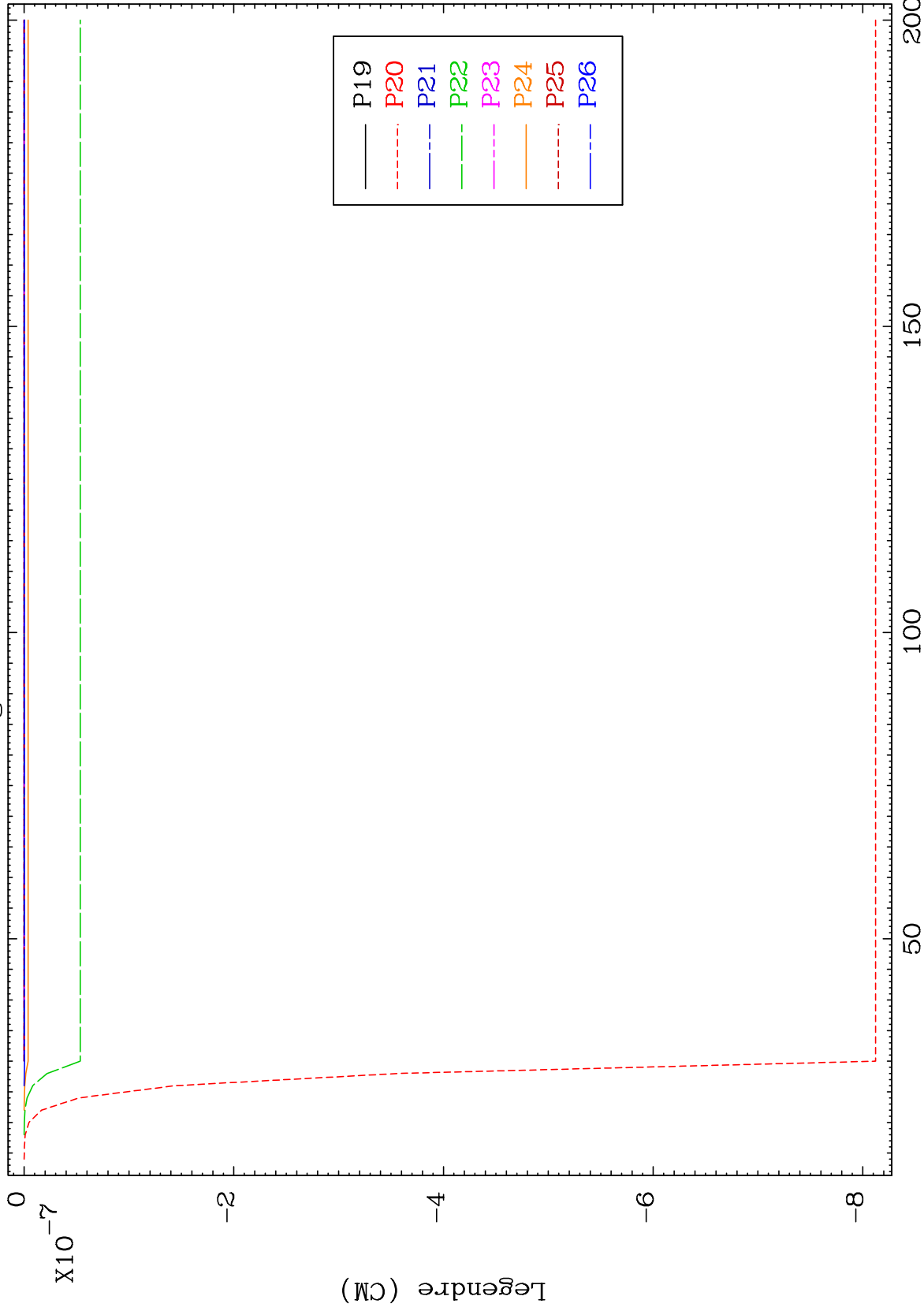
74

48-Cd-102

MAT 4813

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

48-Cd-102



75

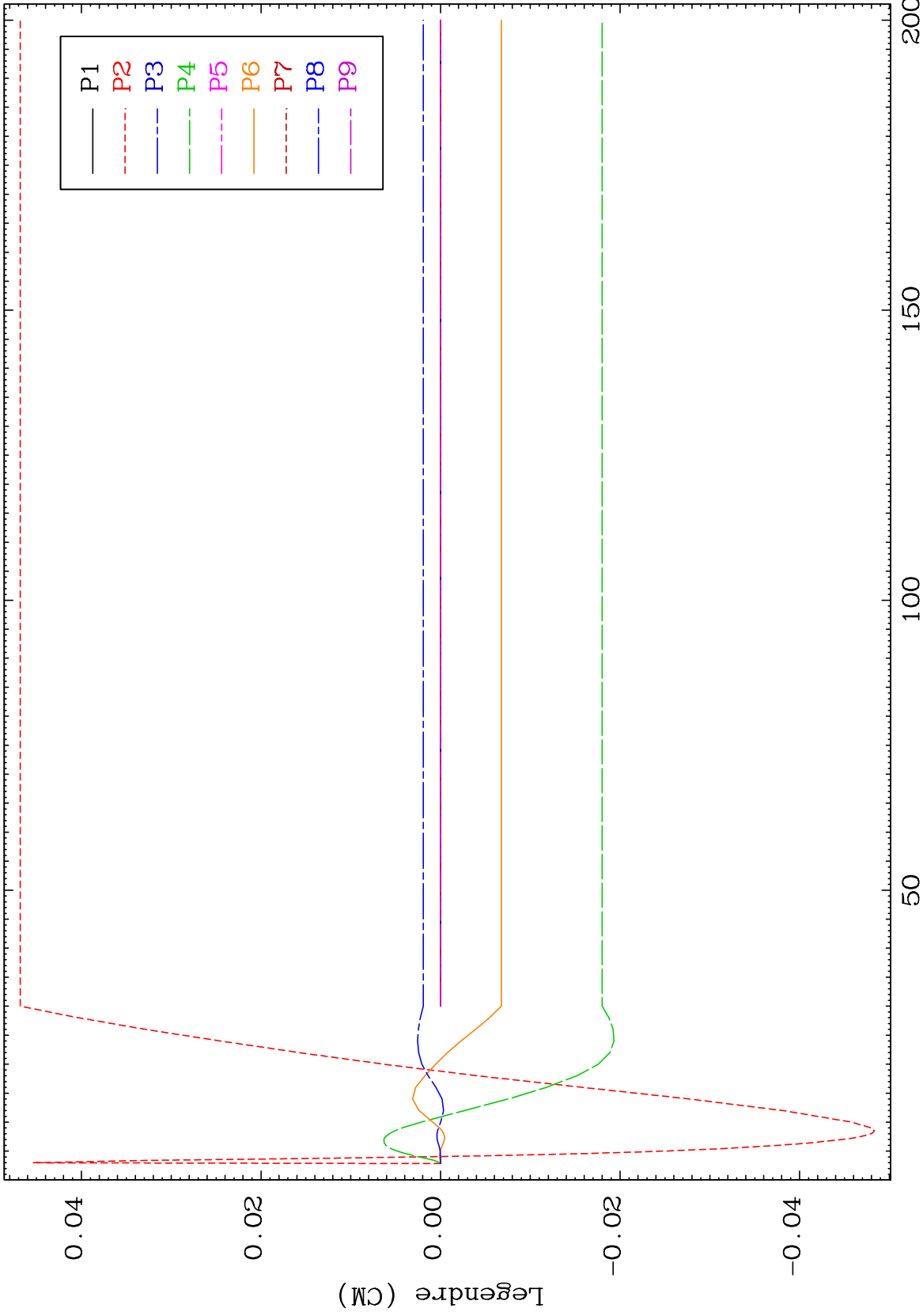
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



76

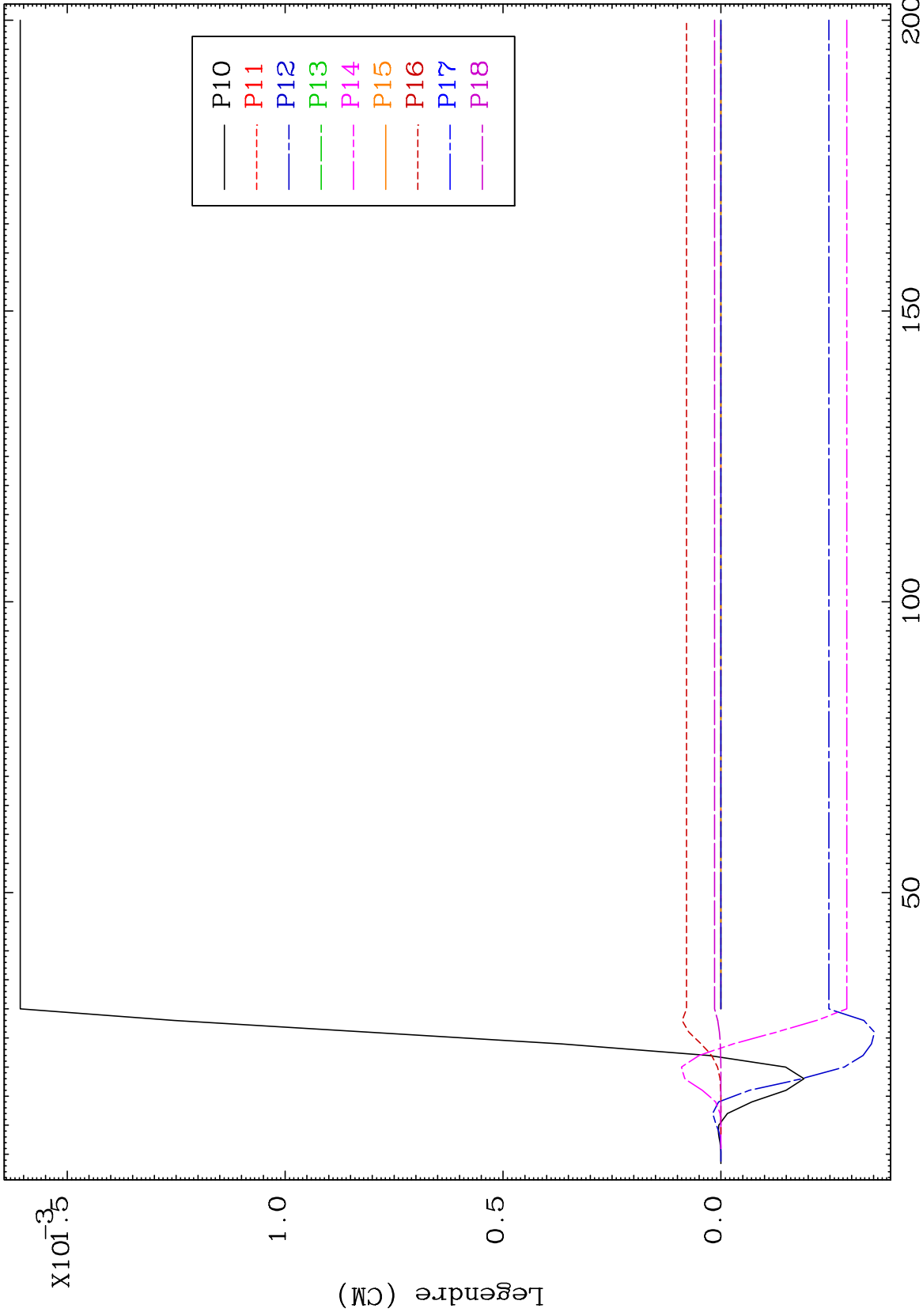
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



77

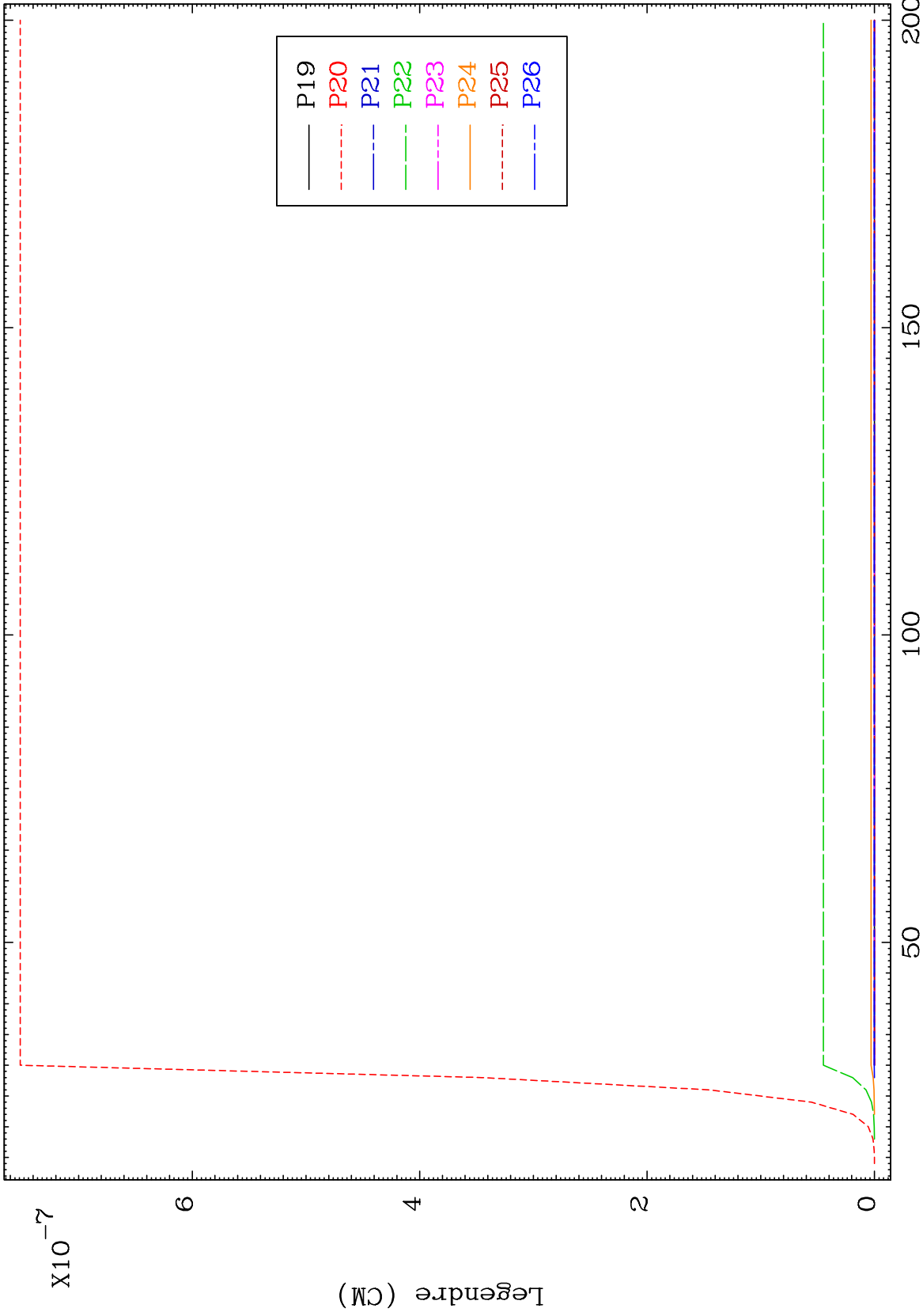
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



78

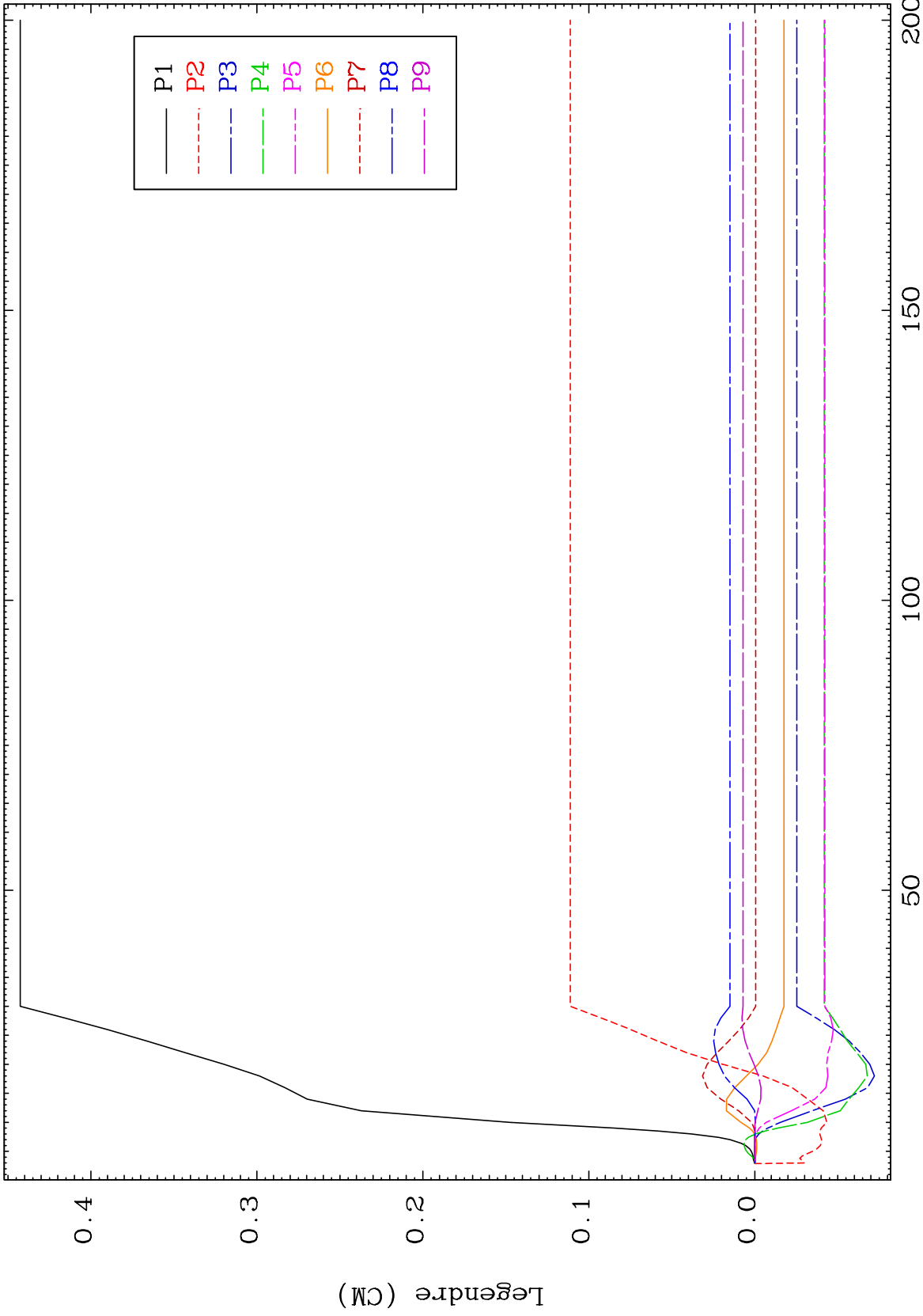
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



79

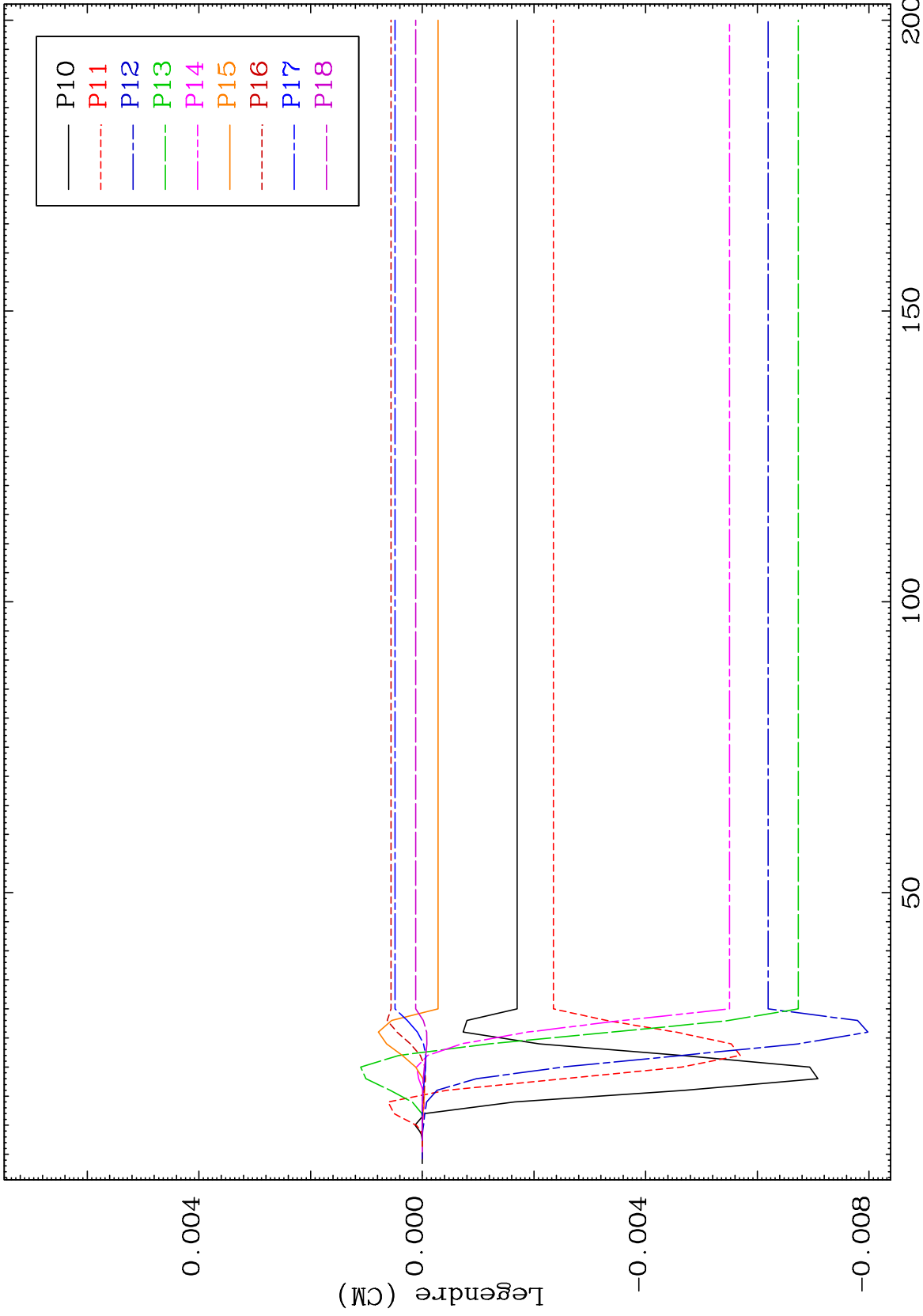
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



80

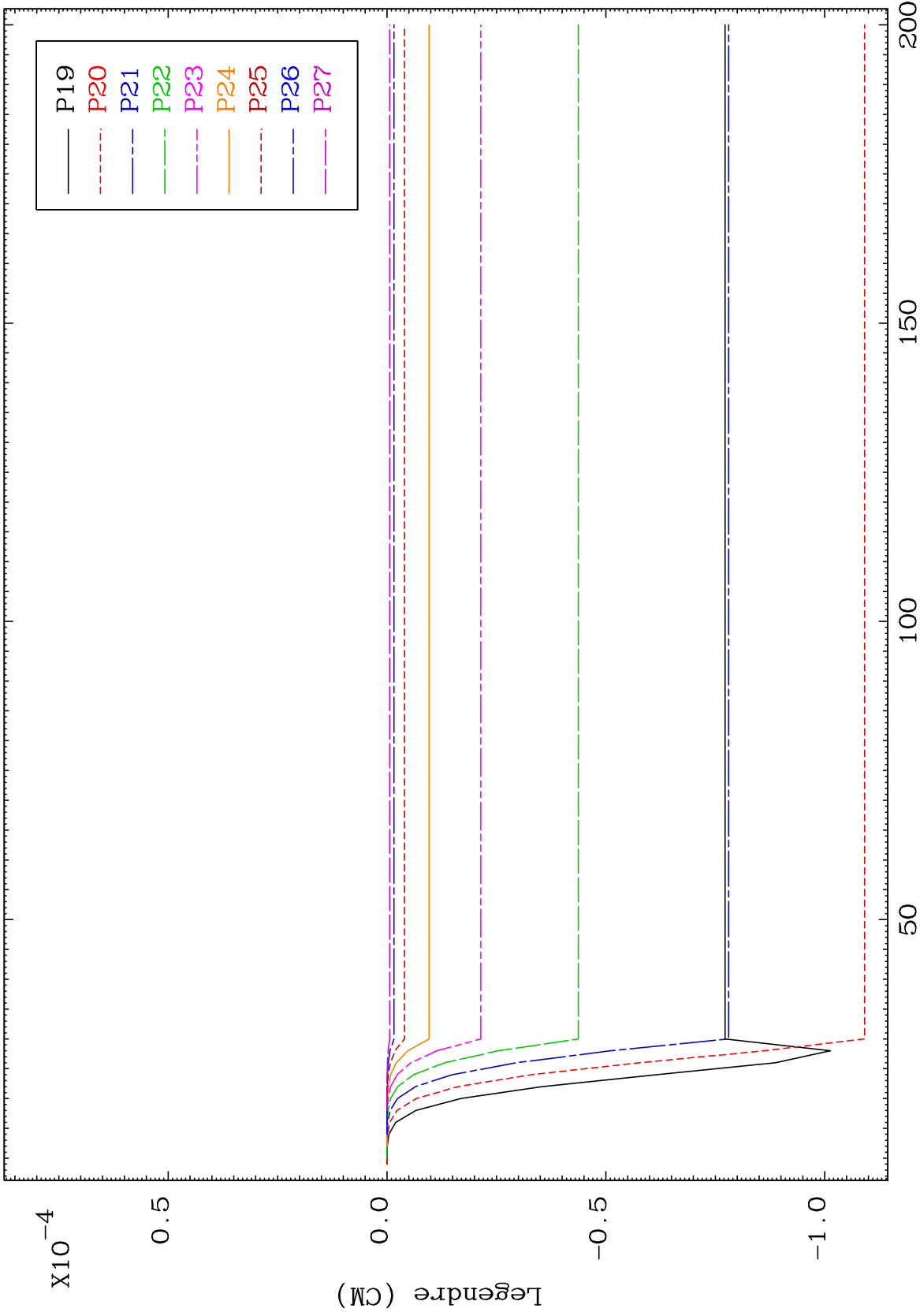
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



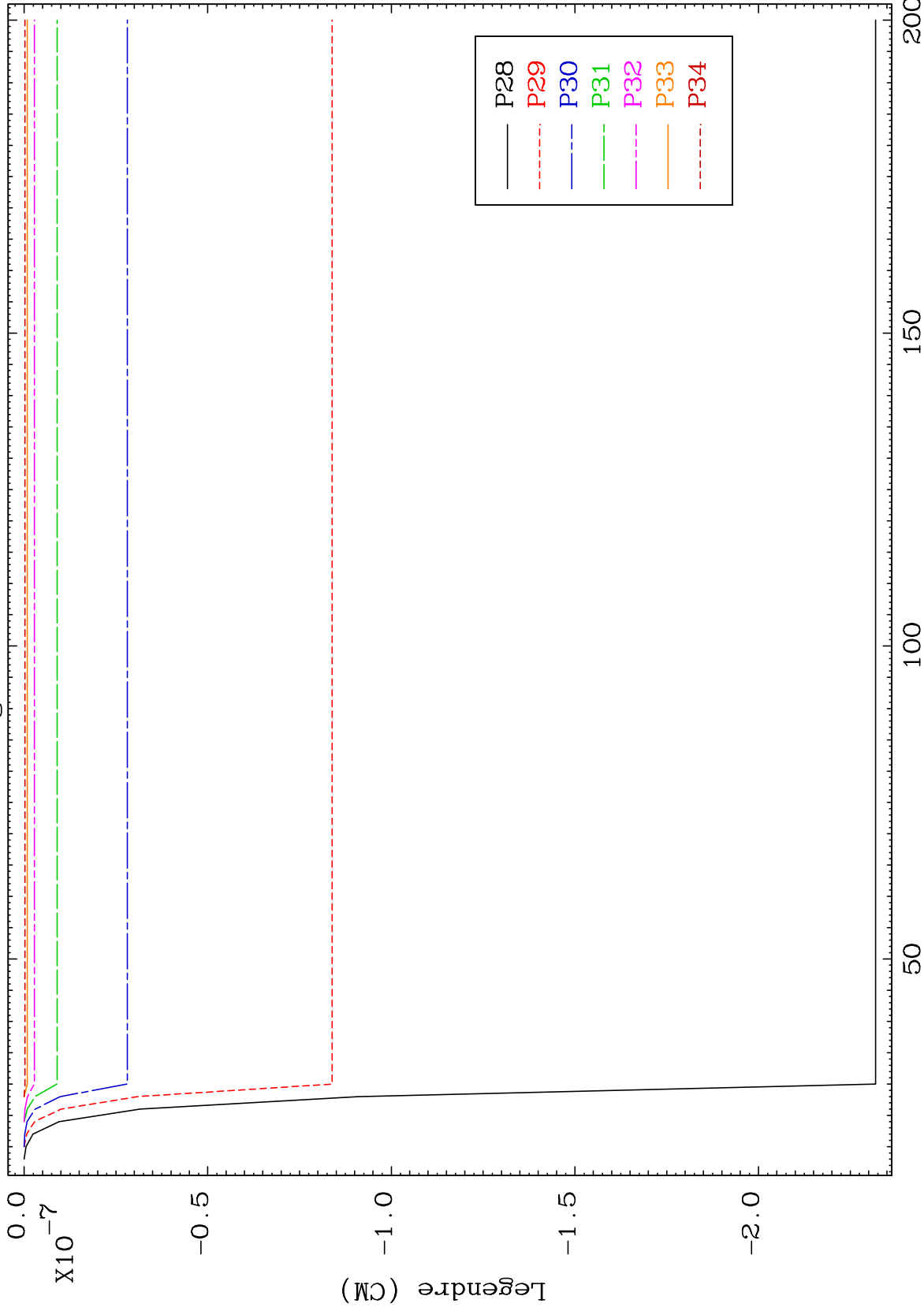
81

48-Cd-102

MAT 4813

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

48-Cd-102

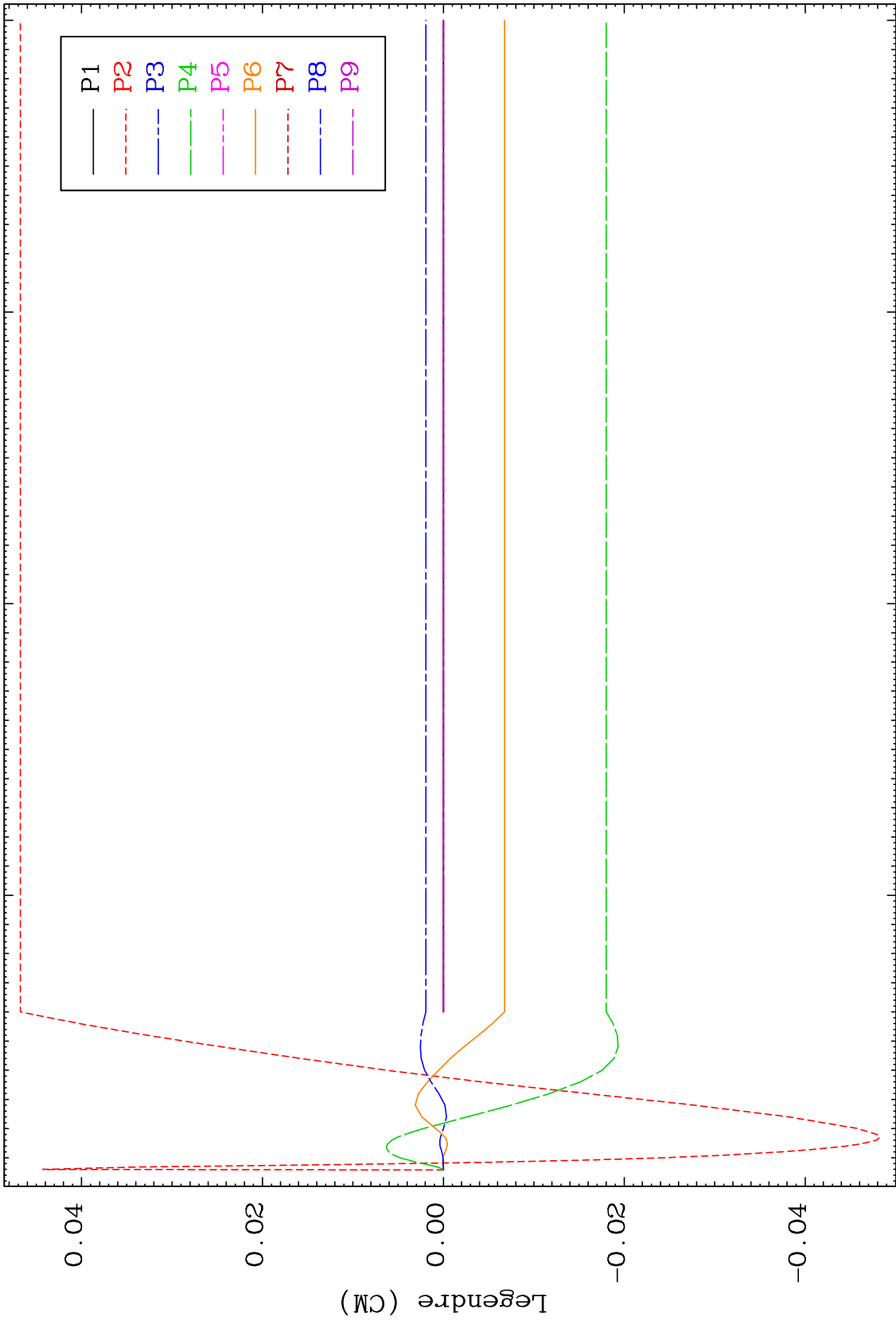


48-Cd-102

Incident Energy (MeV)

82

MAT 4813 MT= 68 (n,n') Level Legendre Coefficients 48-Cd-102

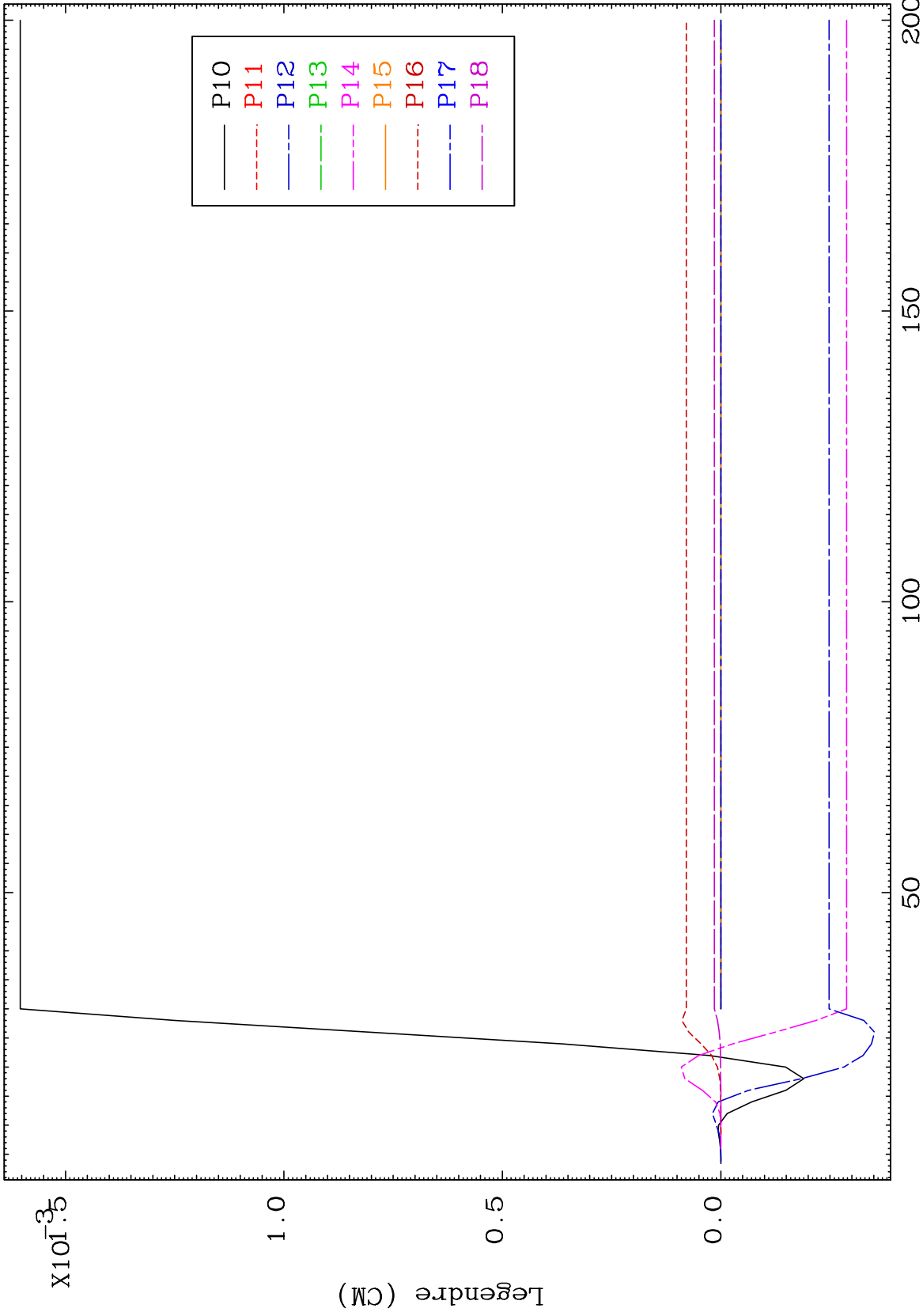


83 48-Cd-102

MAT 4813

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

48-Cd-102



84

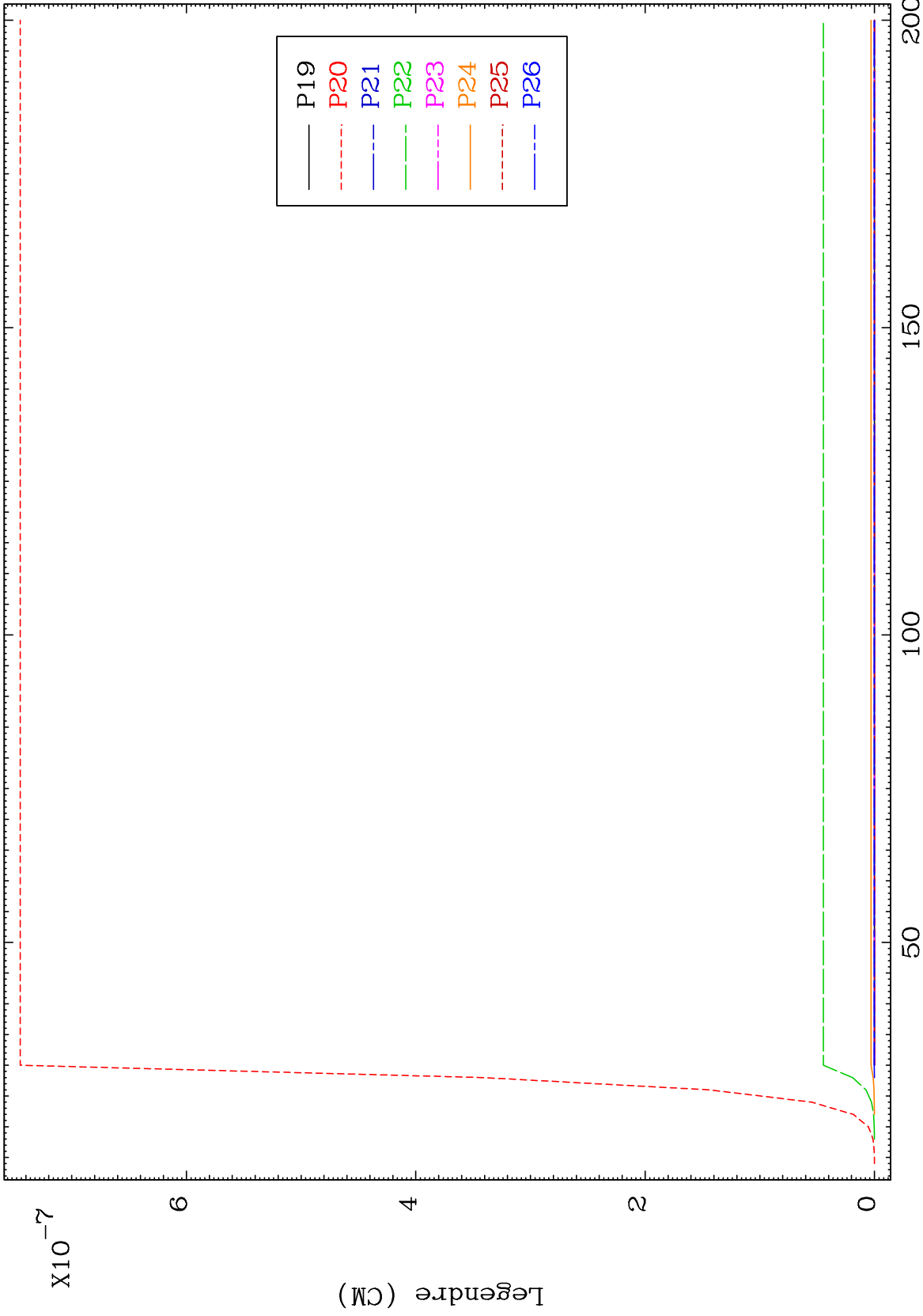
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



85

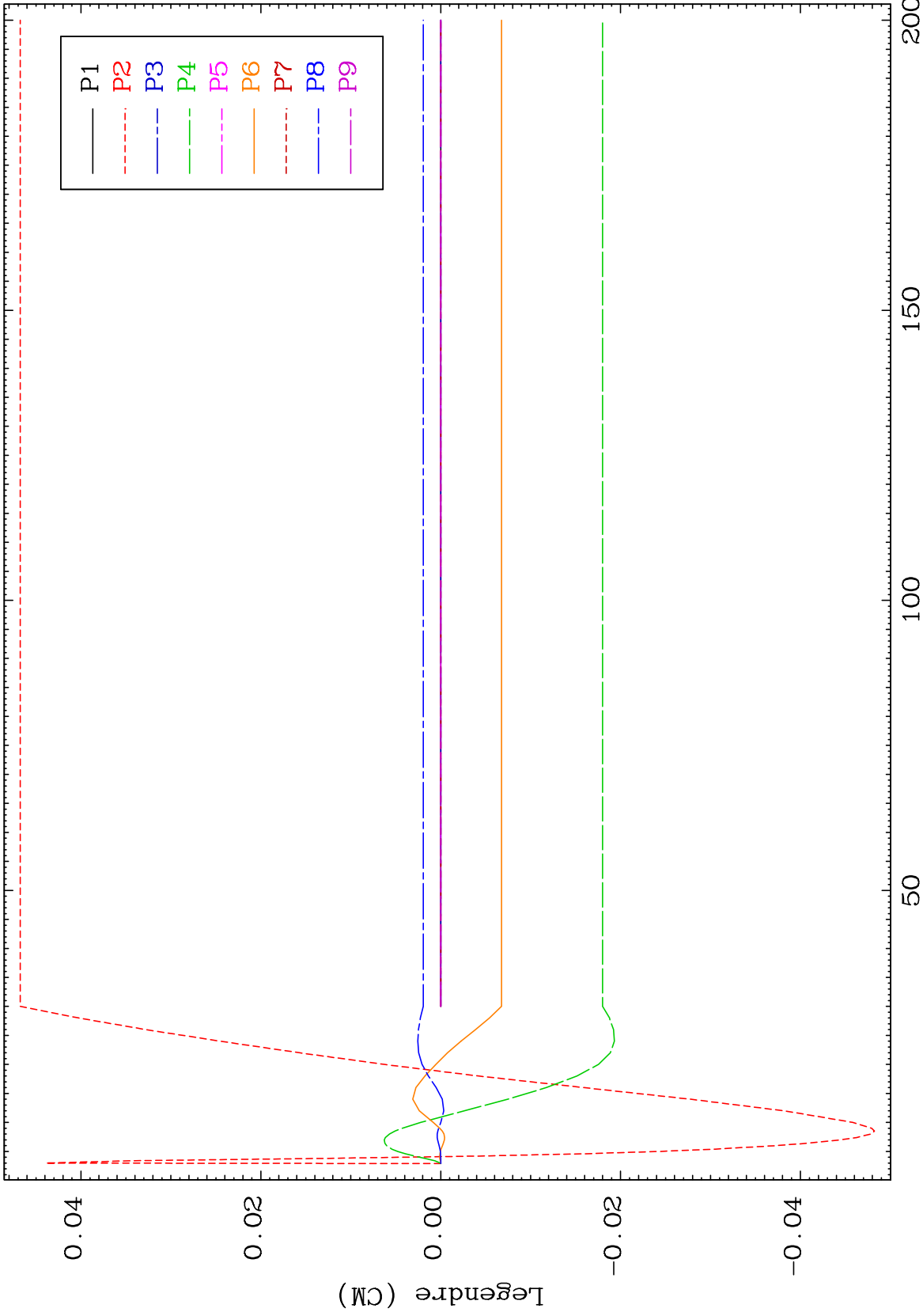
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



86

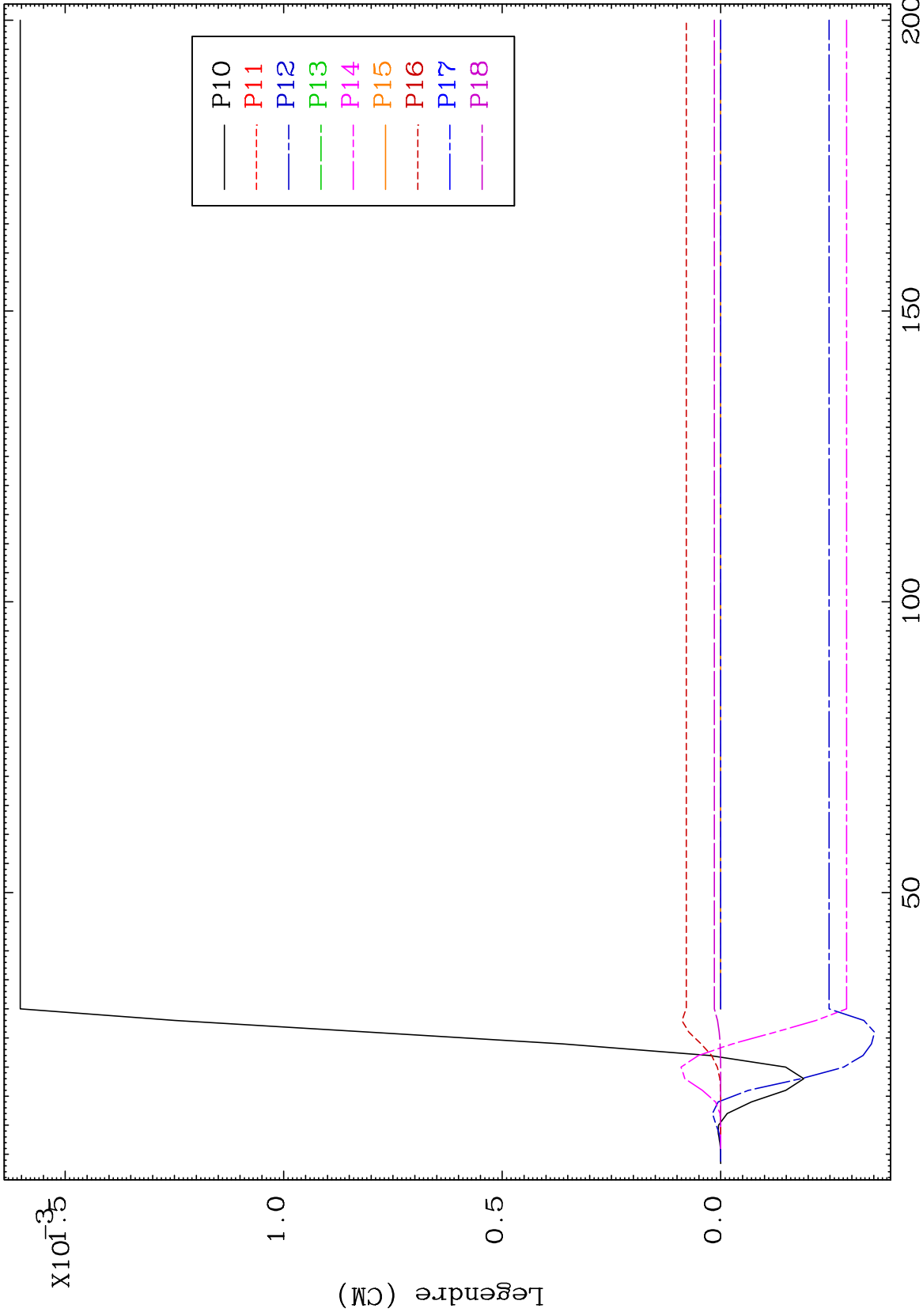
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



87

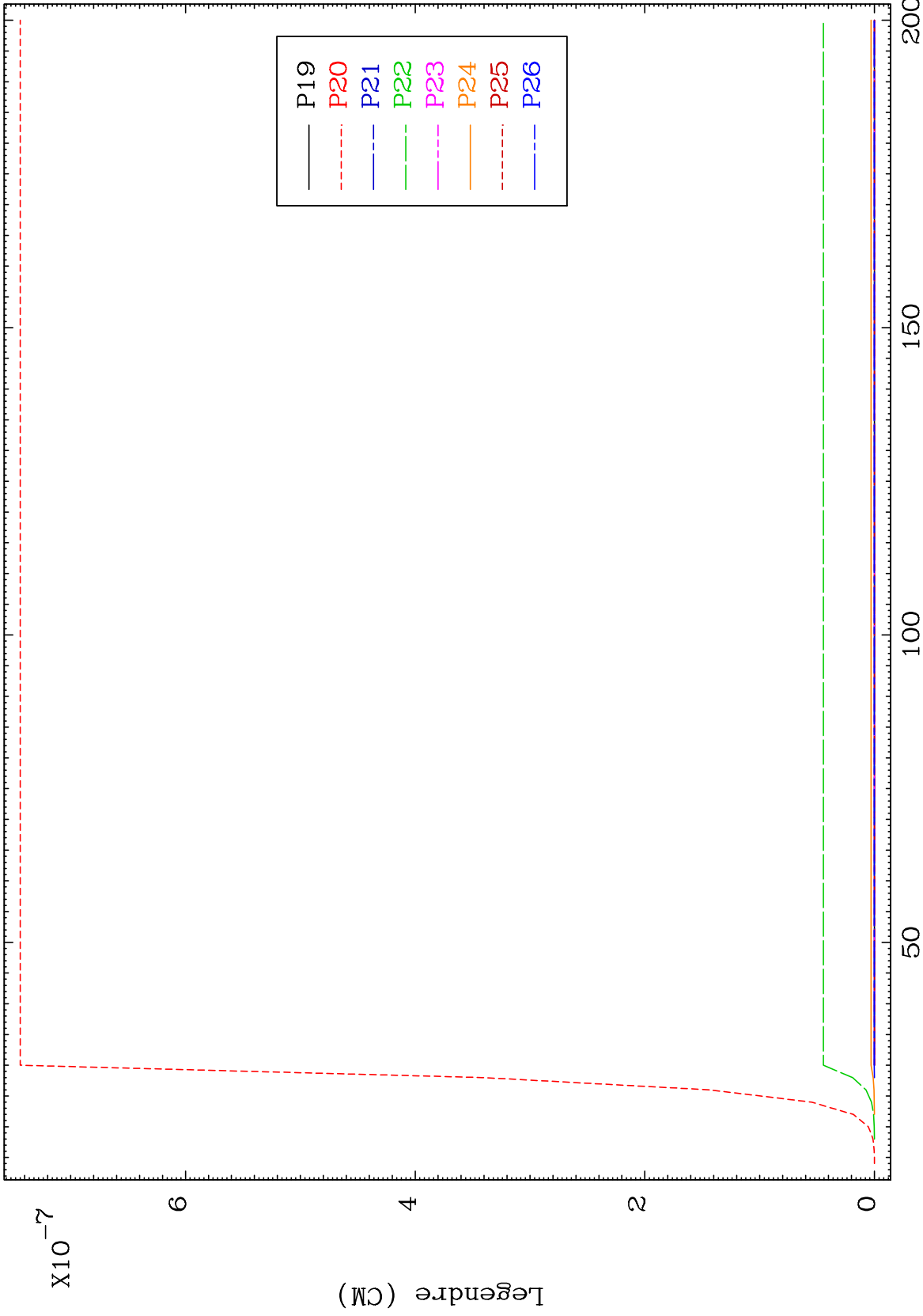
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



88

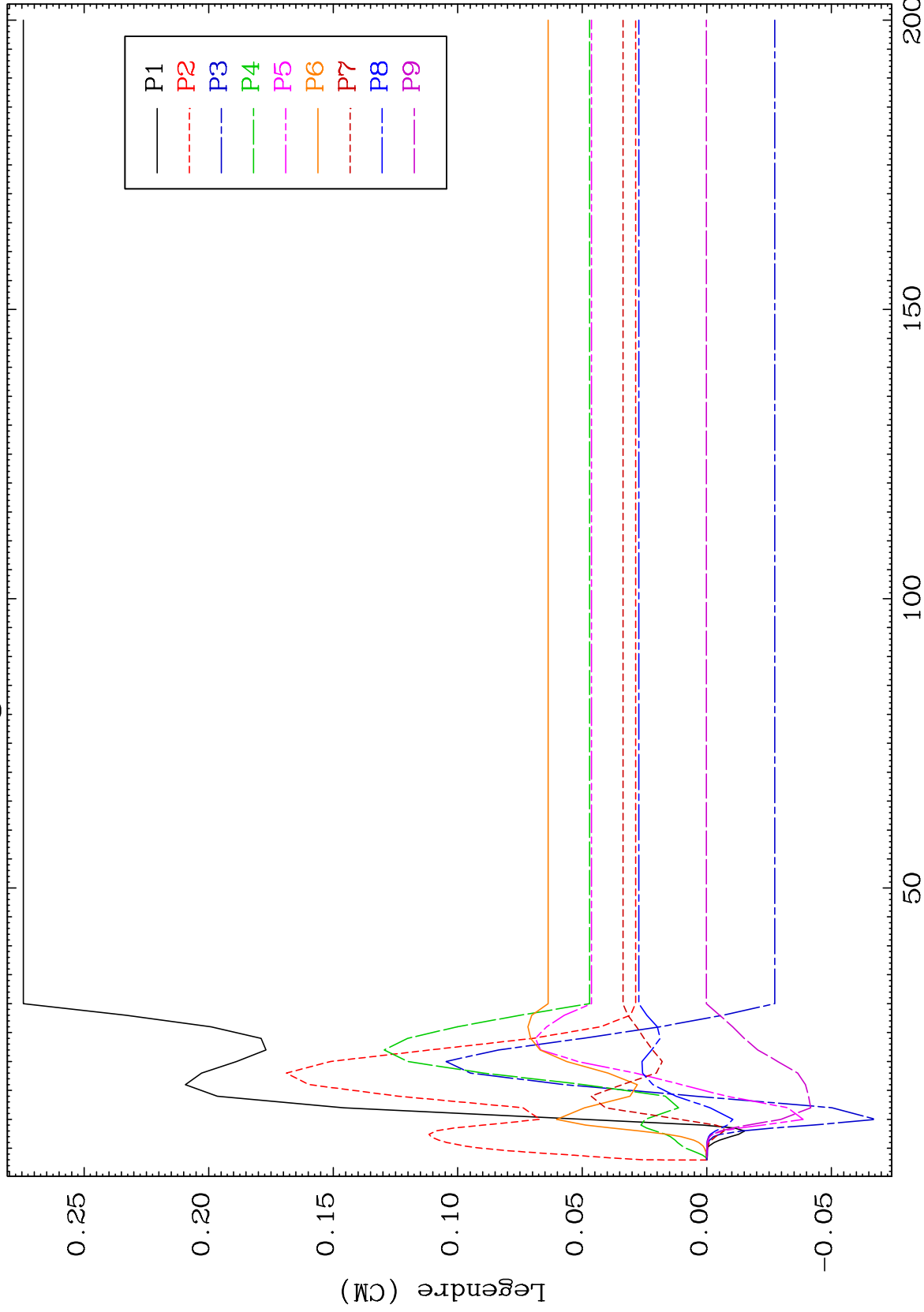
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



89

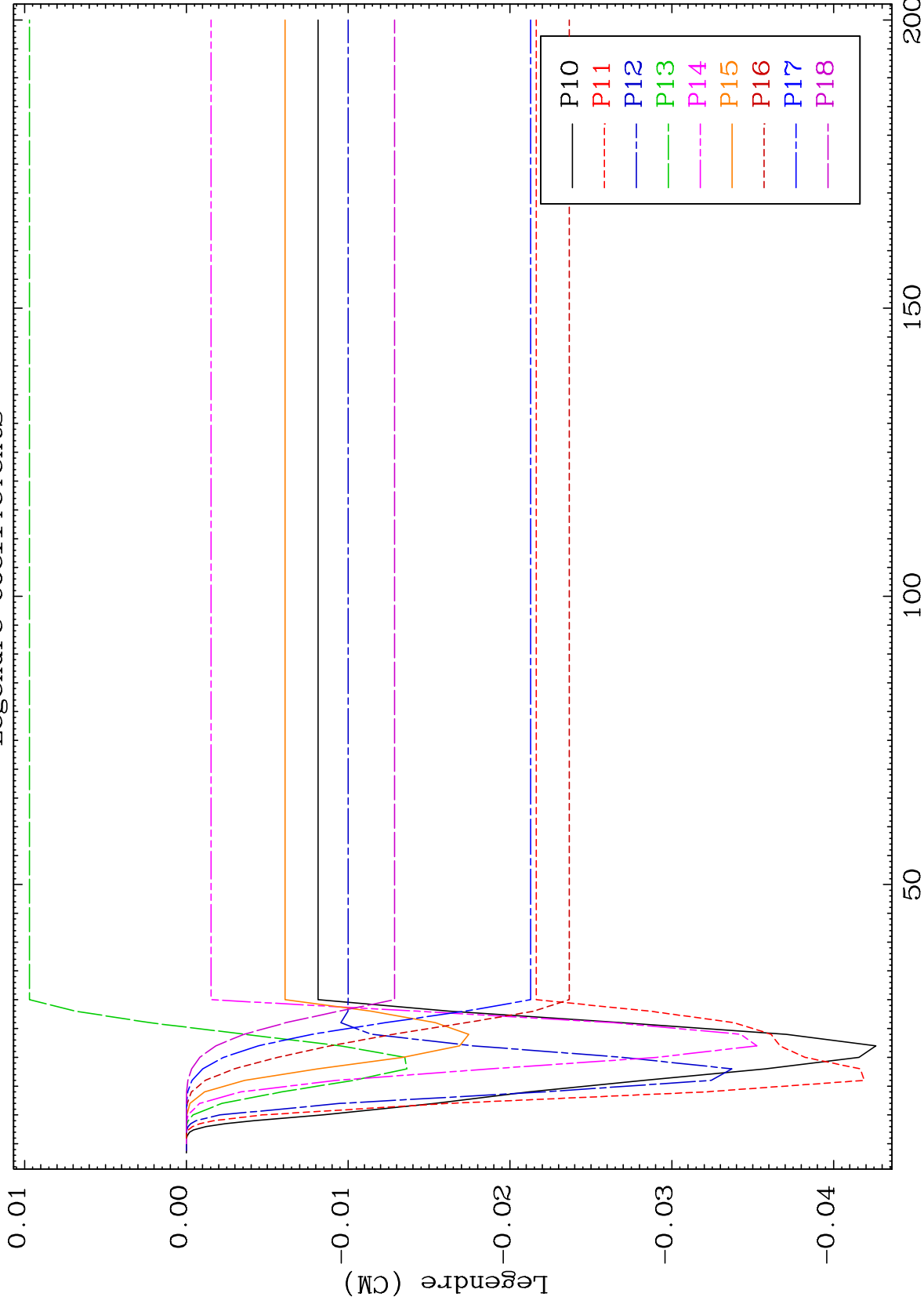
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



90

Incident Energy (MeV)

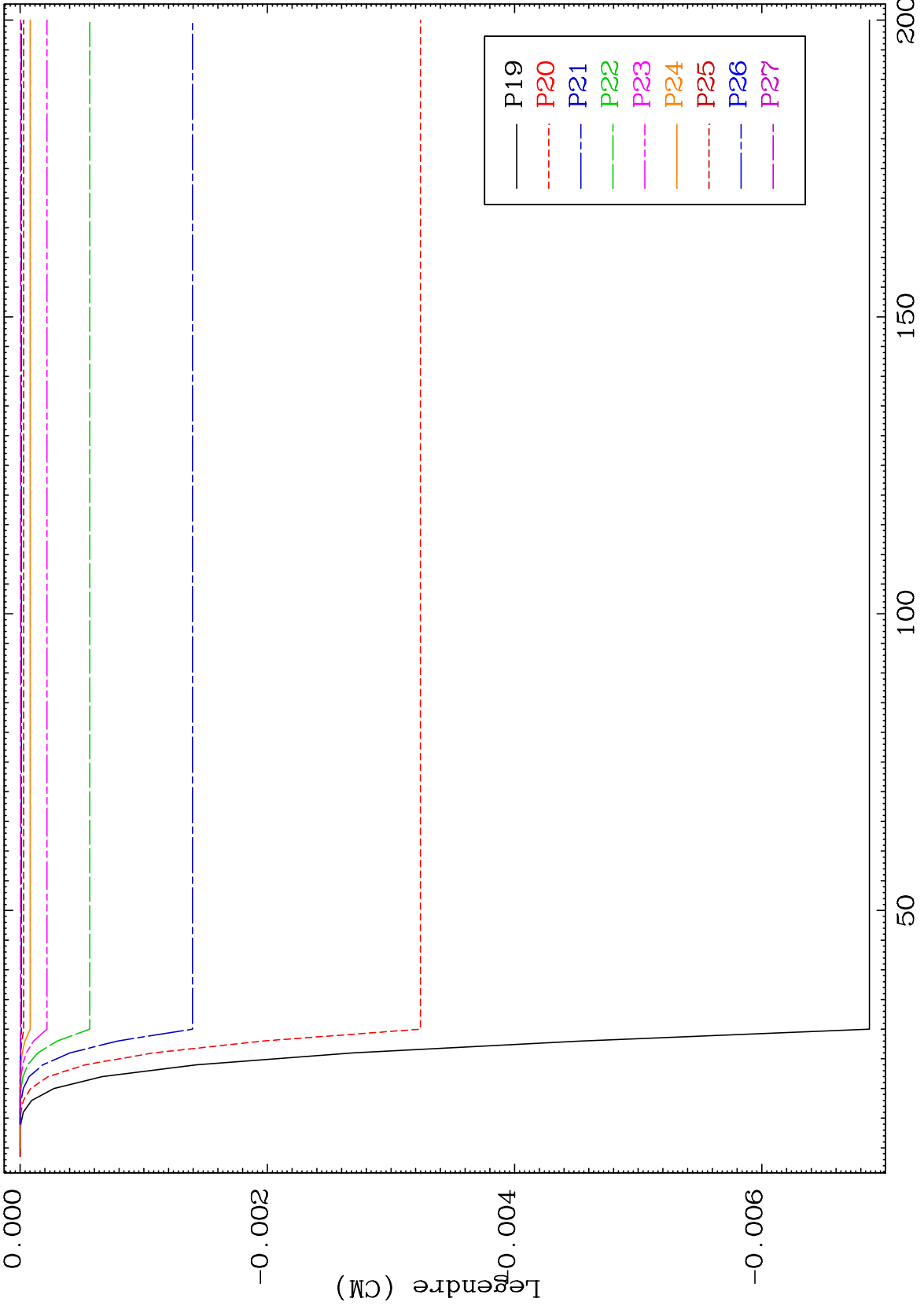
50

150

200

48-Cd-102

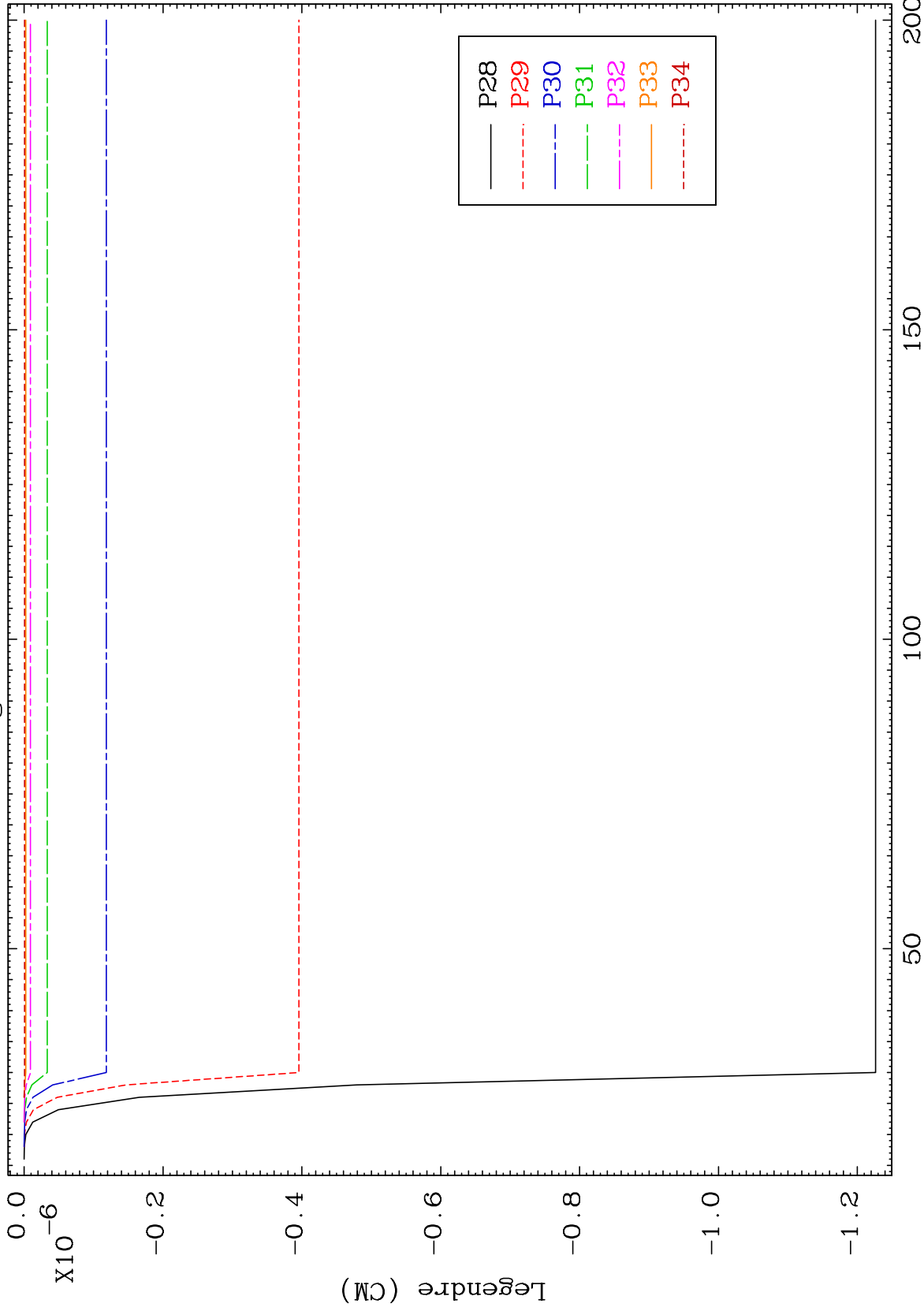
MAT 4813 MT= 70 (n,n') Level Legendre Coefficients 48-Cd-102



MAT 4813

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

48-Cd-102



48-Cd-102

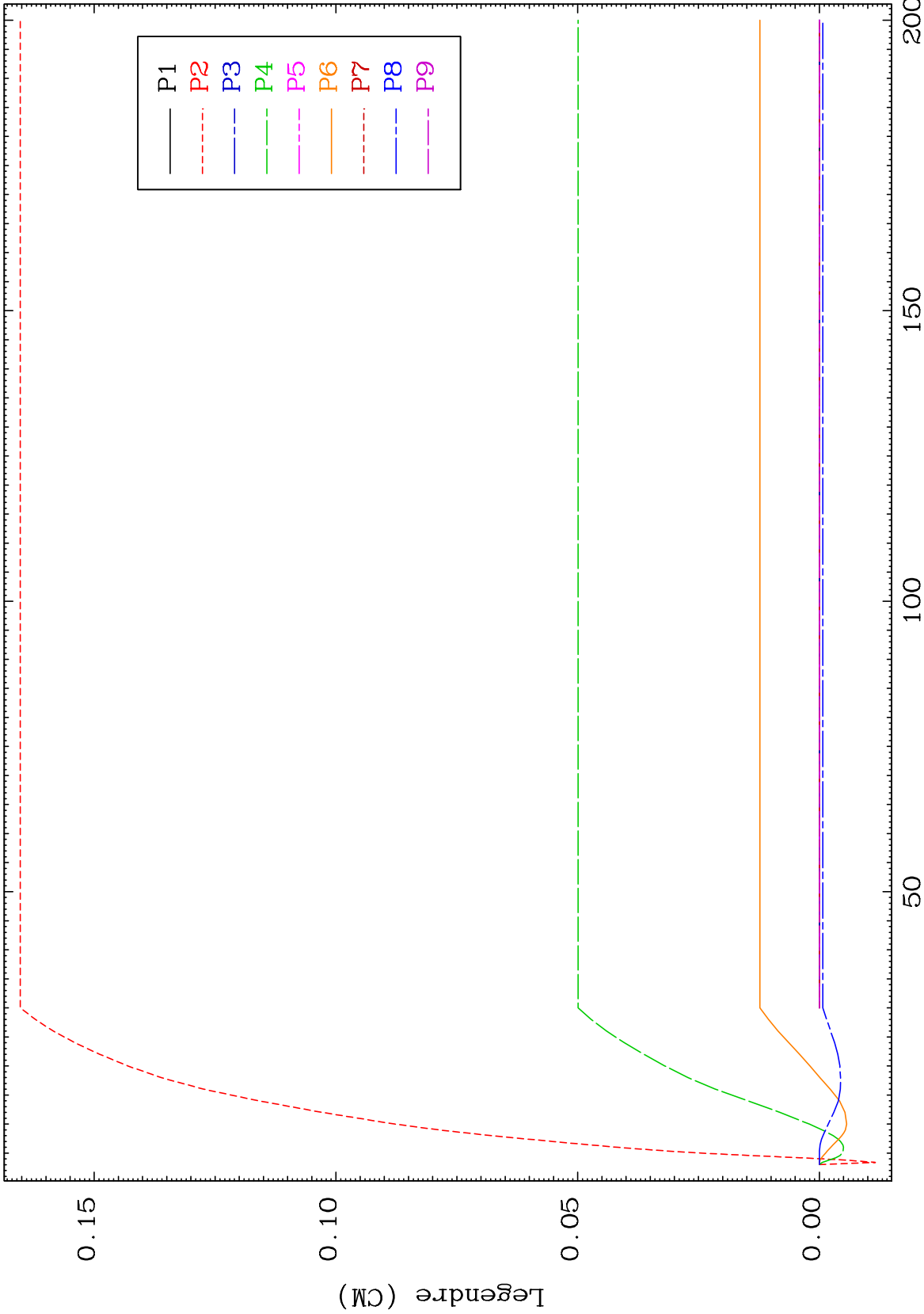
Incident Energy (MeV)

92

MAT 4813

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

48-Cd-102



93

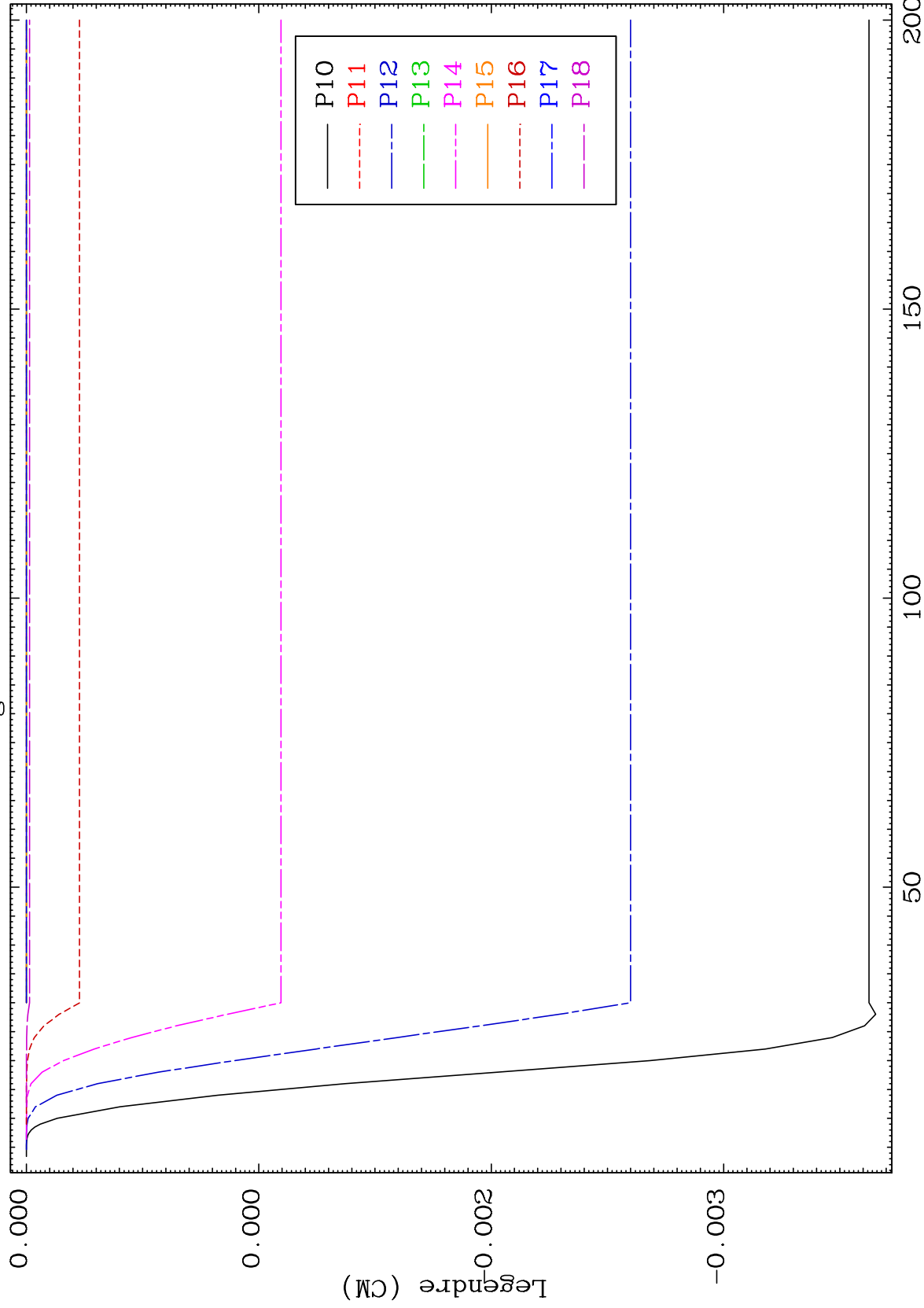
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



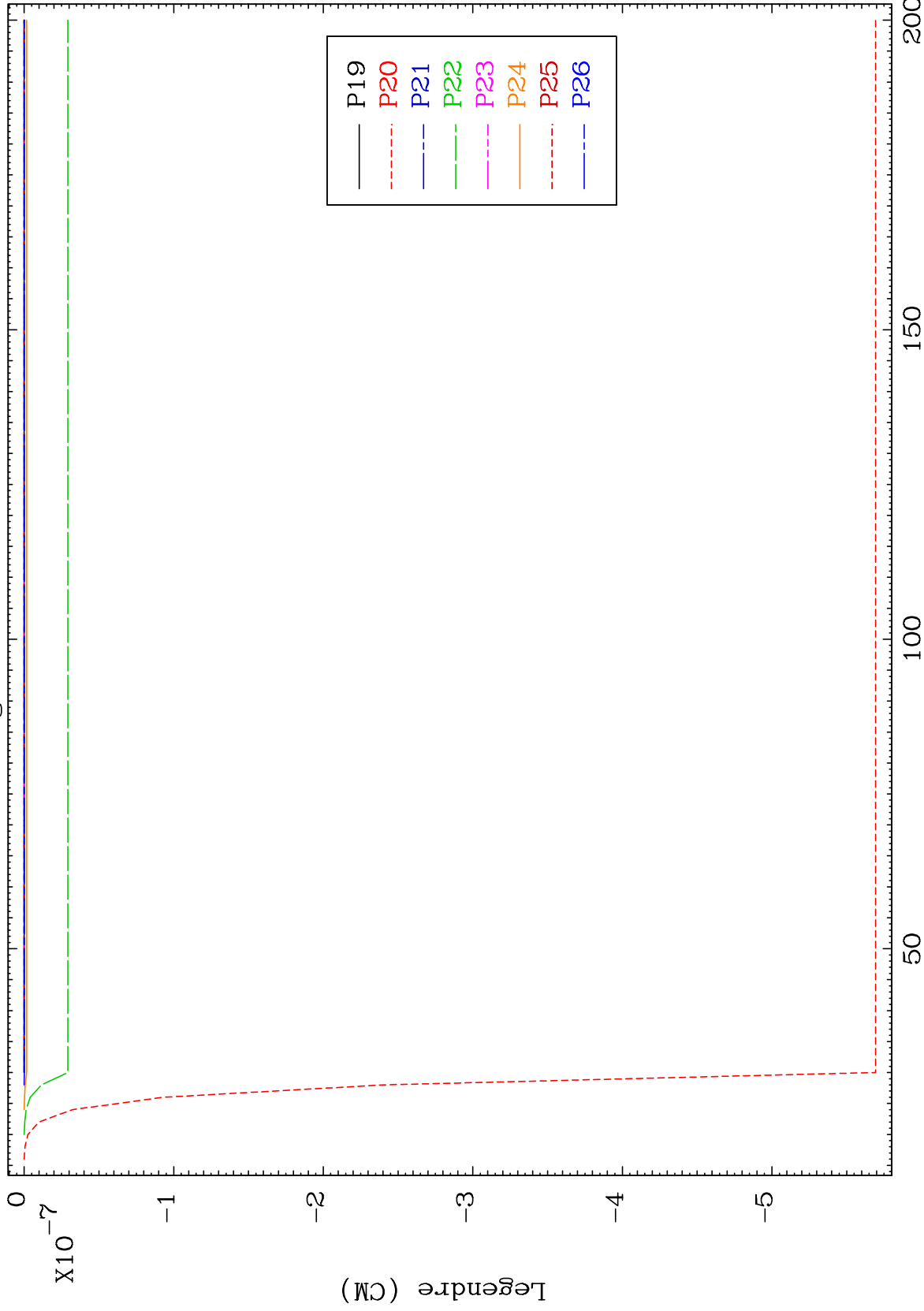
94

48-Cd-102

MAT 4813

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

48-Cd-102



95

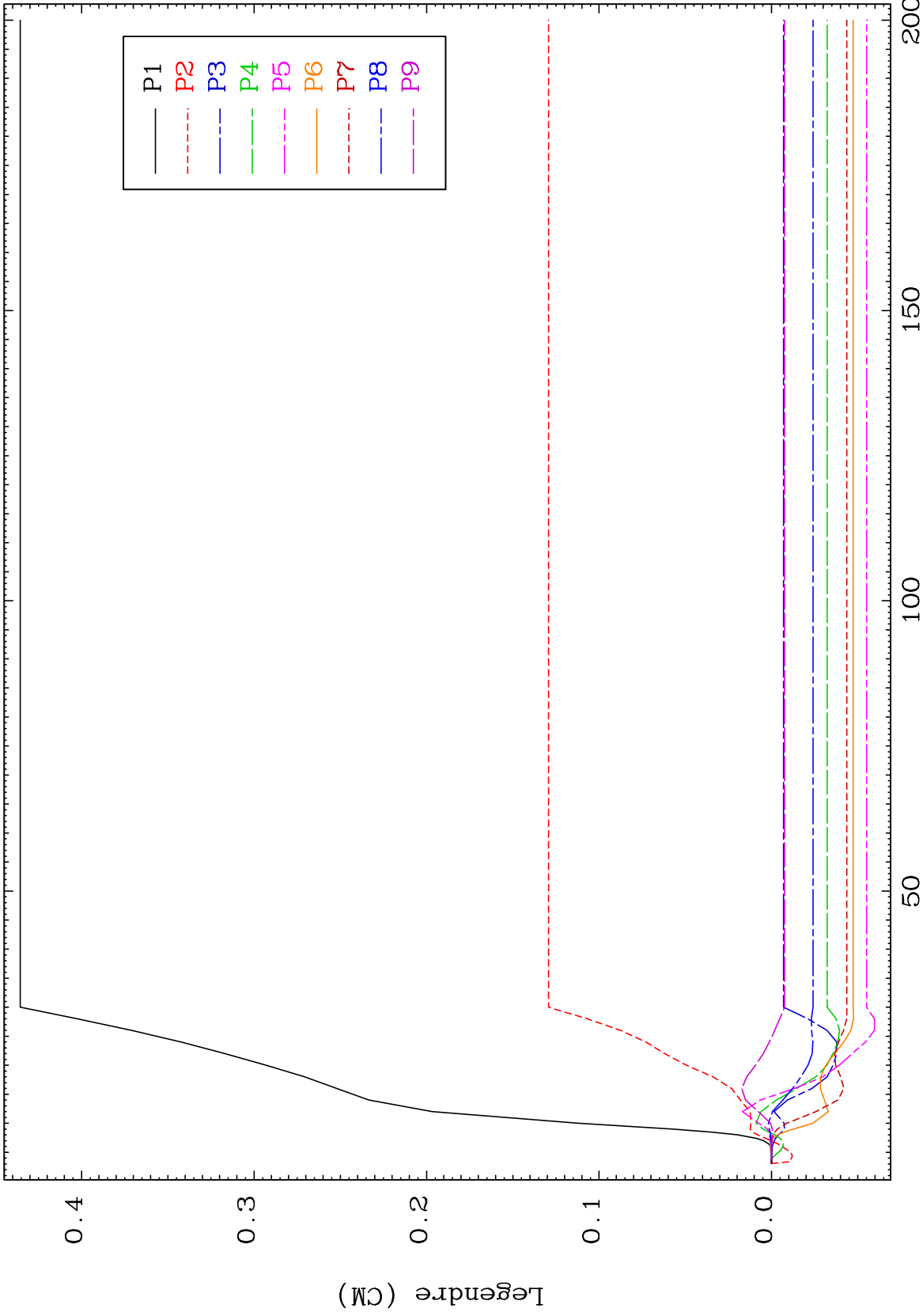
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



96

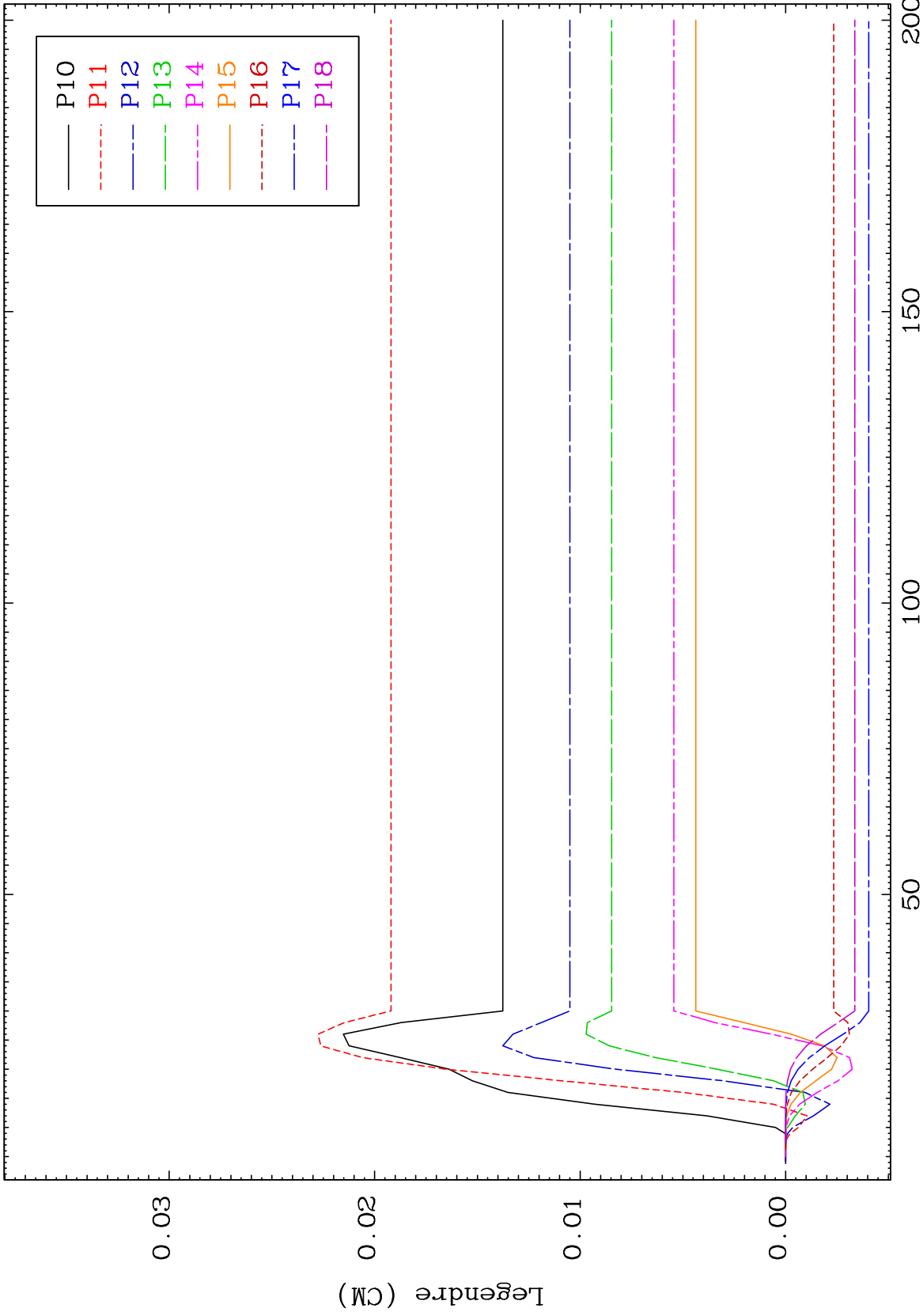
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



97

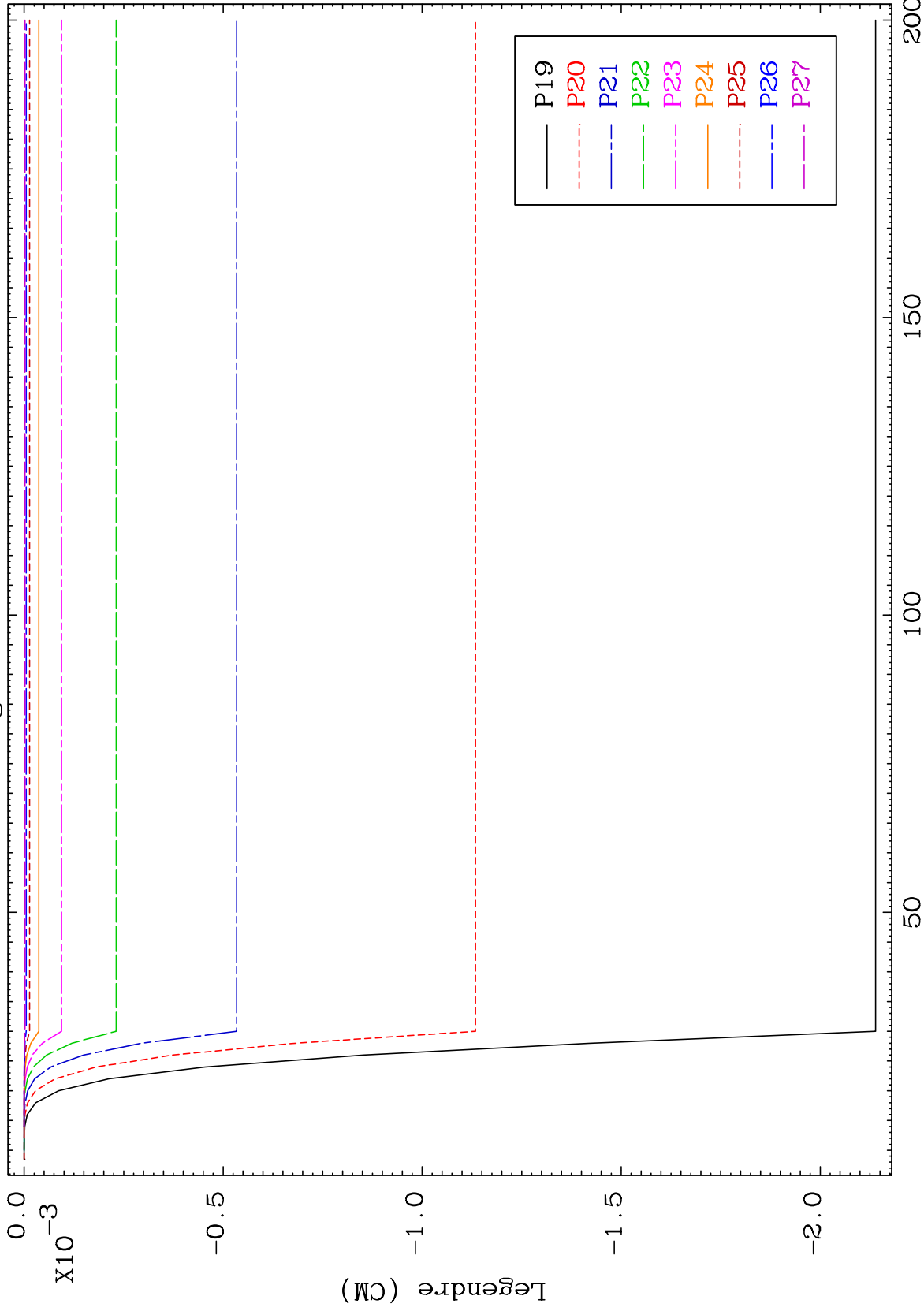
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

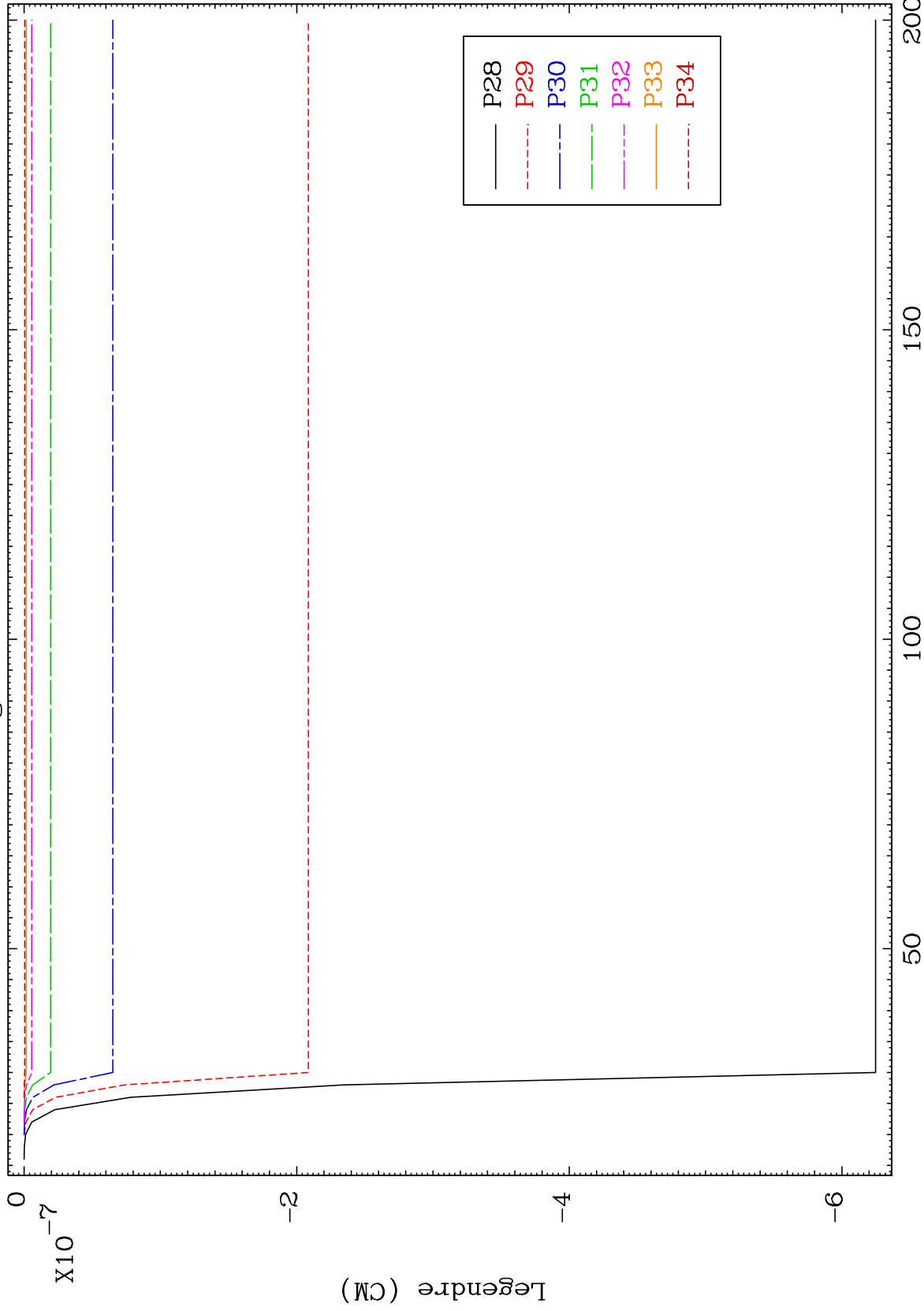
Incident Energy (MeV)

98

MAT 4813

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

48-Cd-102



48-Cd-102

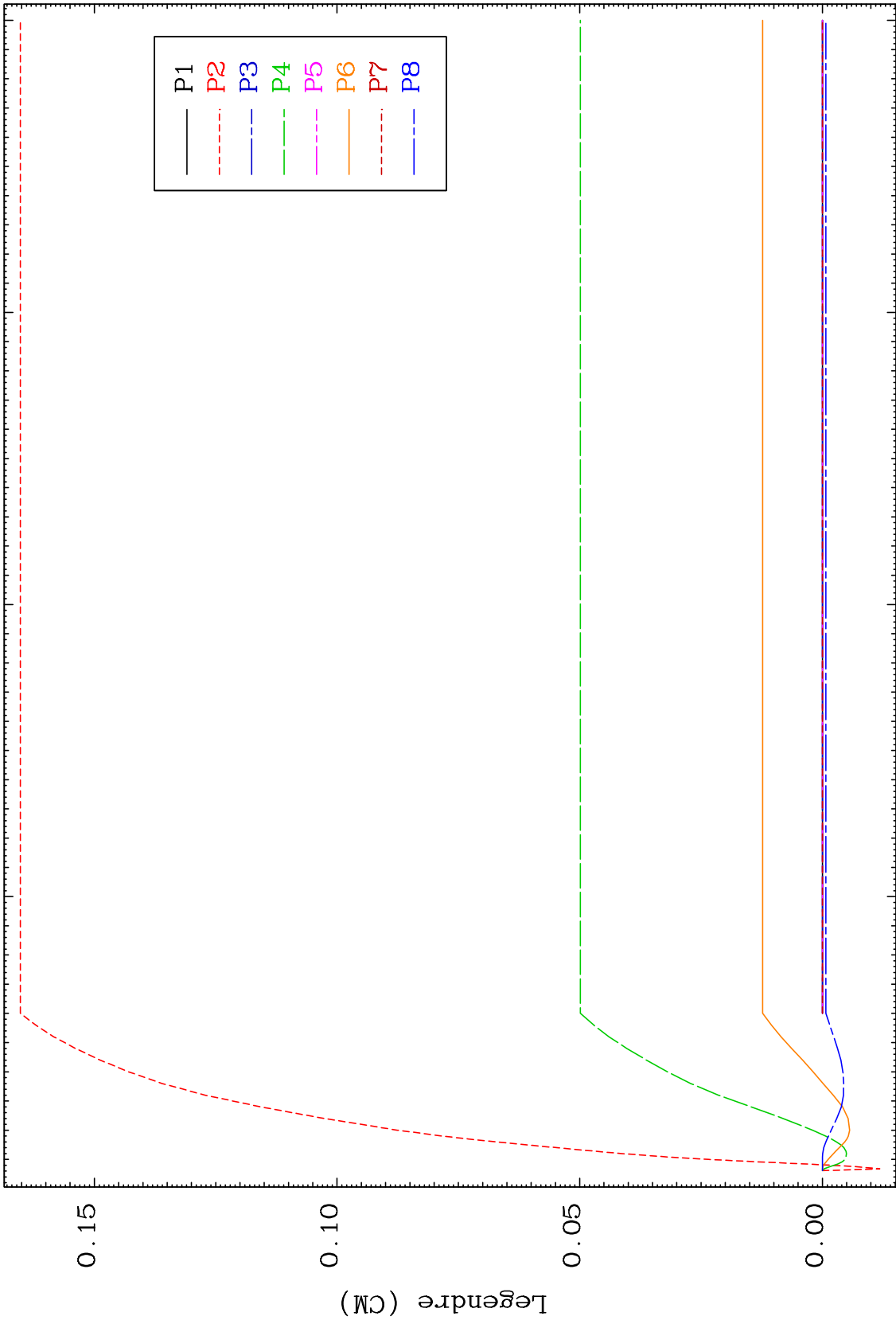
Incident Energy (MeV)

99

MAT 4813

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

48-Cd-102



48-Cd-102

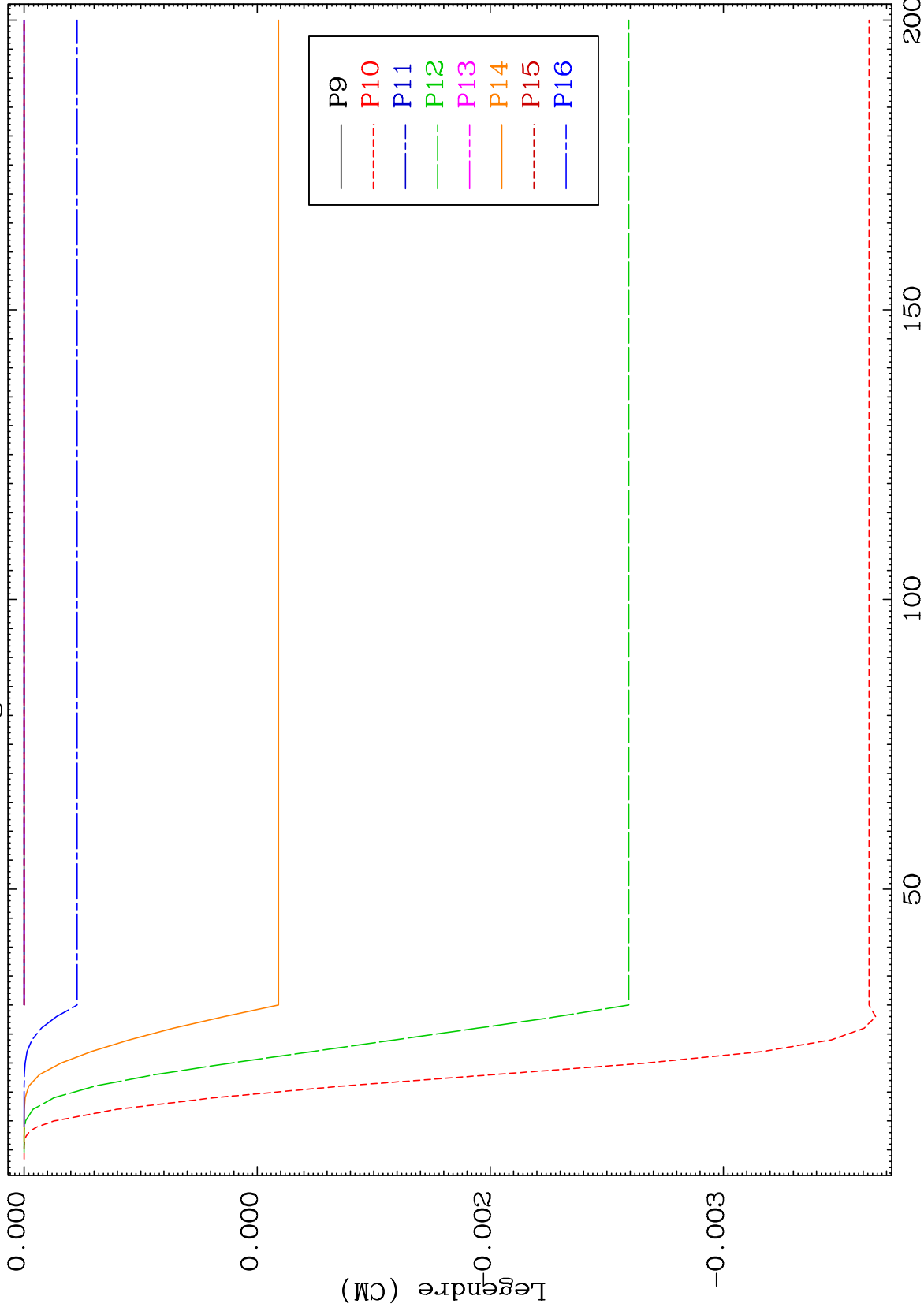
Incident Energy (MeV)

Legendre (CM)

MAT 4813

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

48-Cd-102



101

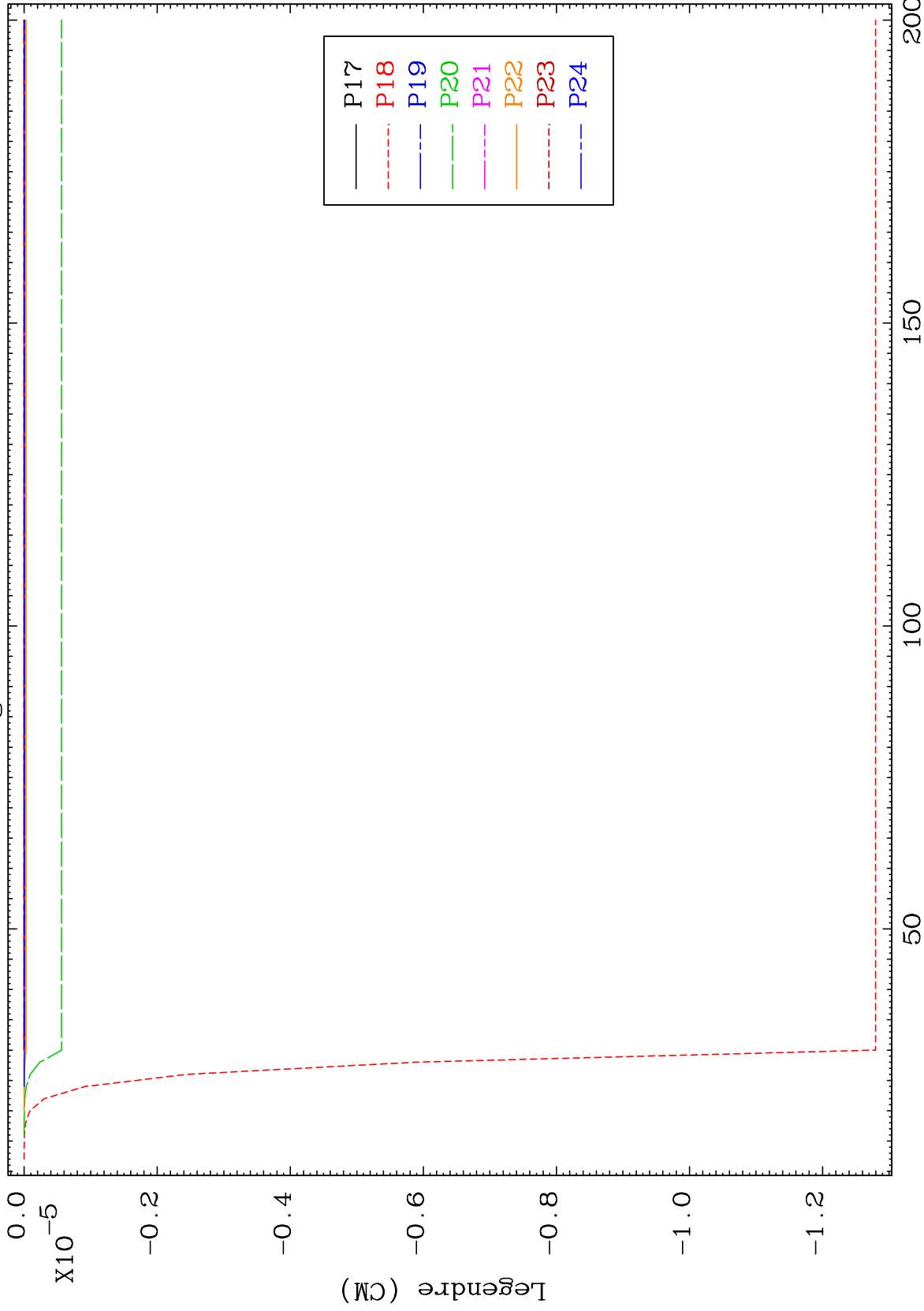
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

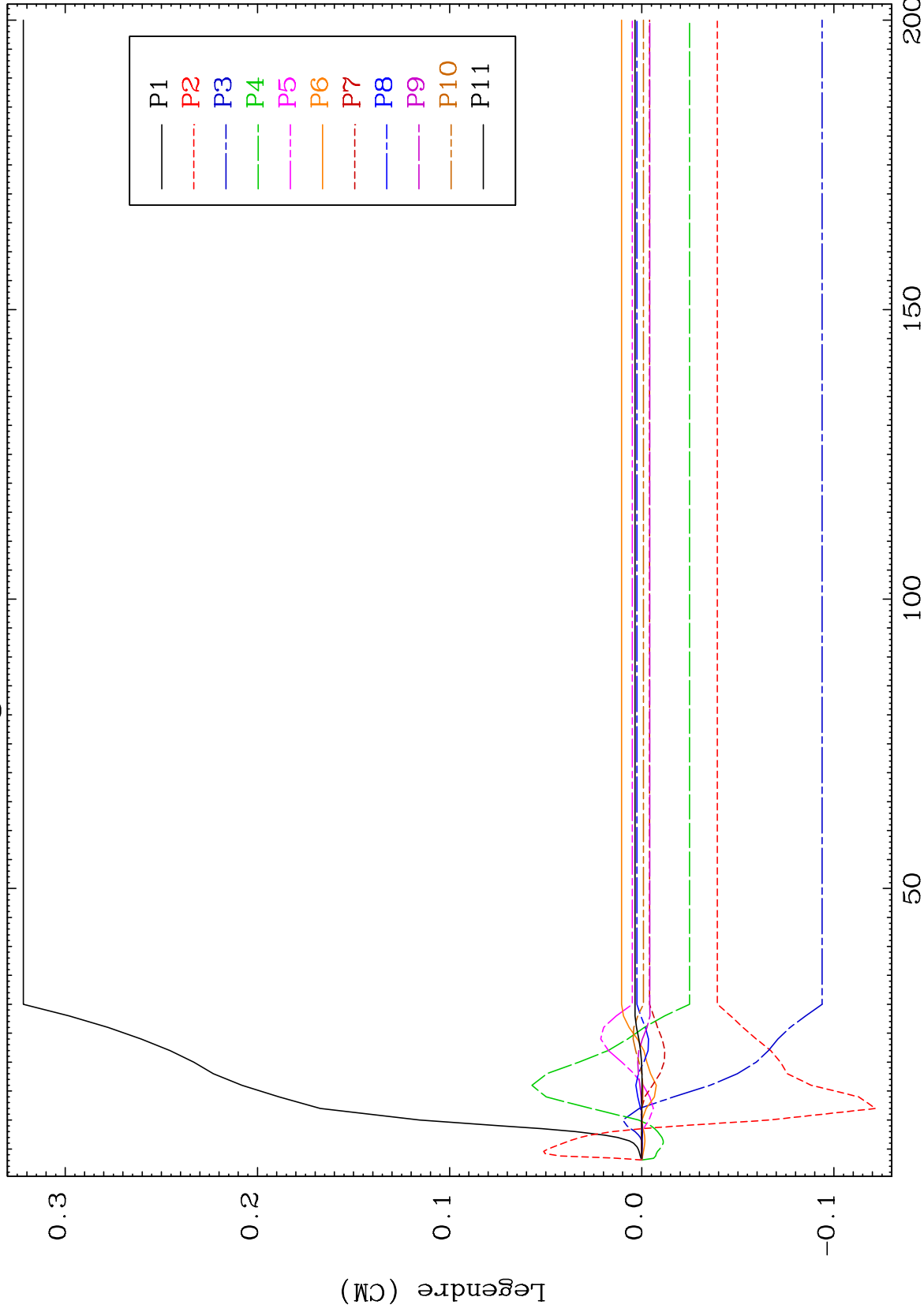
Incident Energy (MeV)

102

MAT 4813

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

48-Cd-102



103

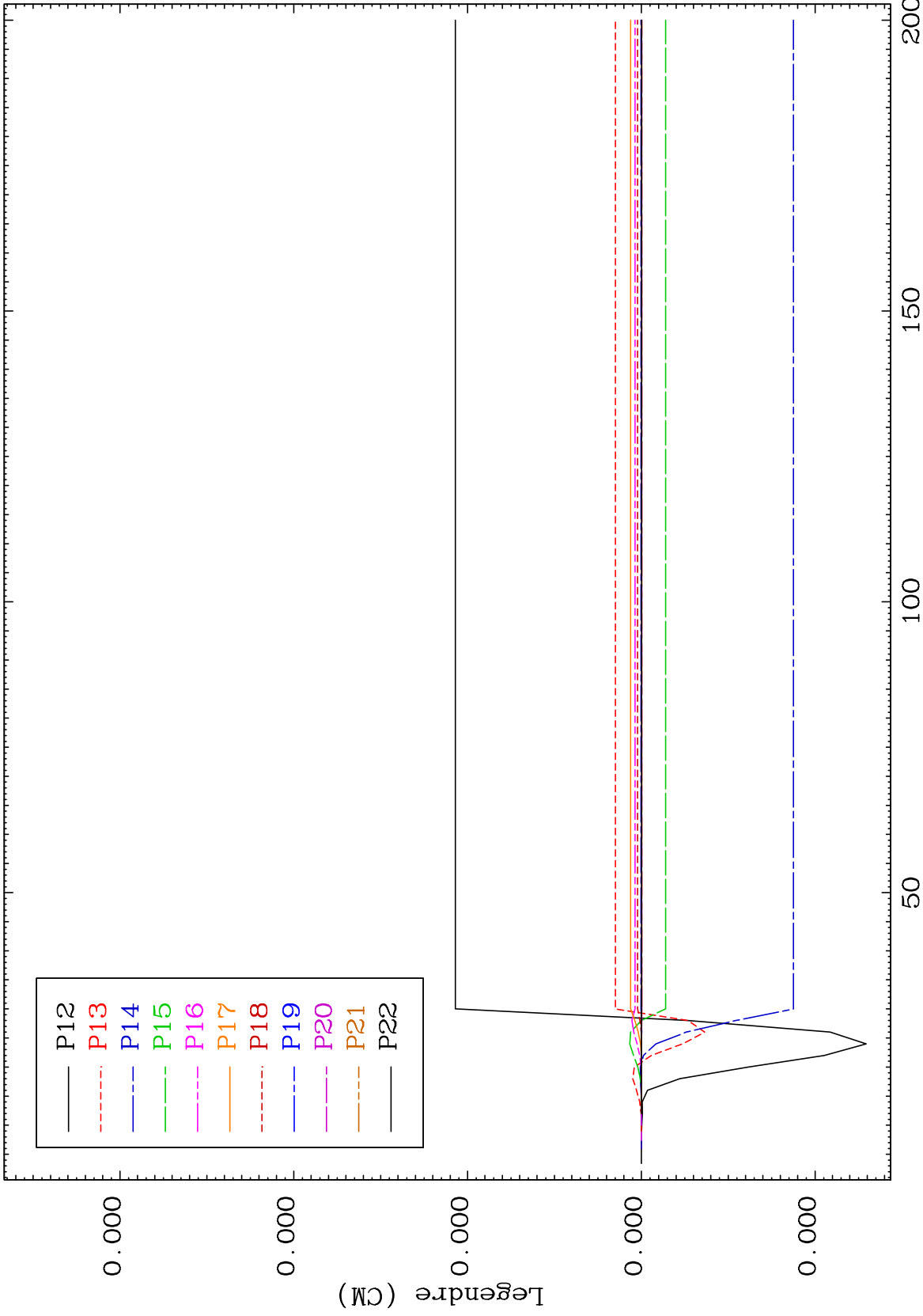
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



104

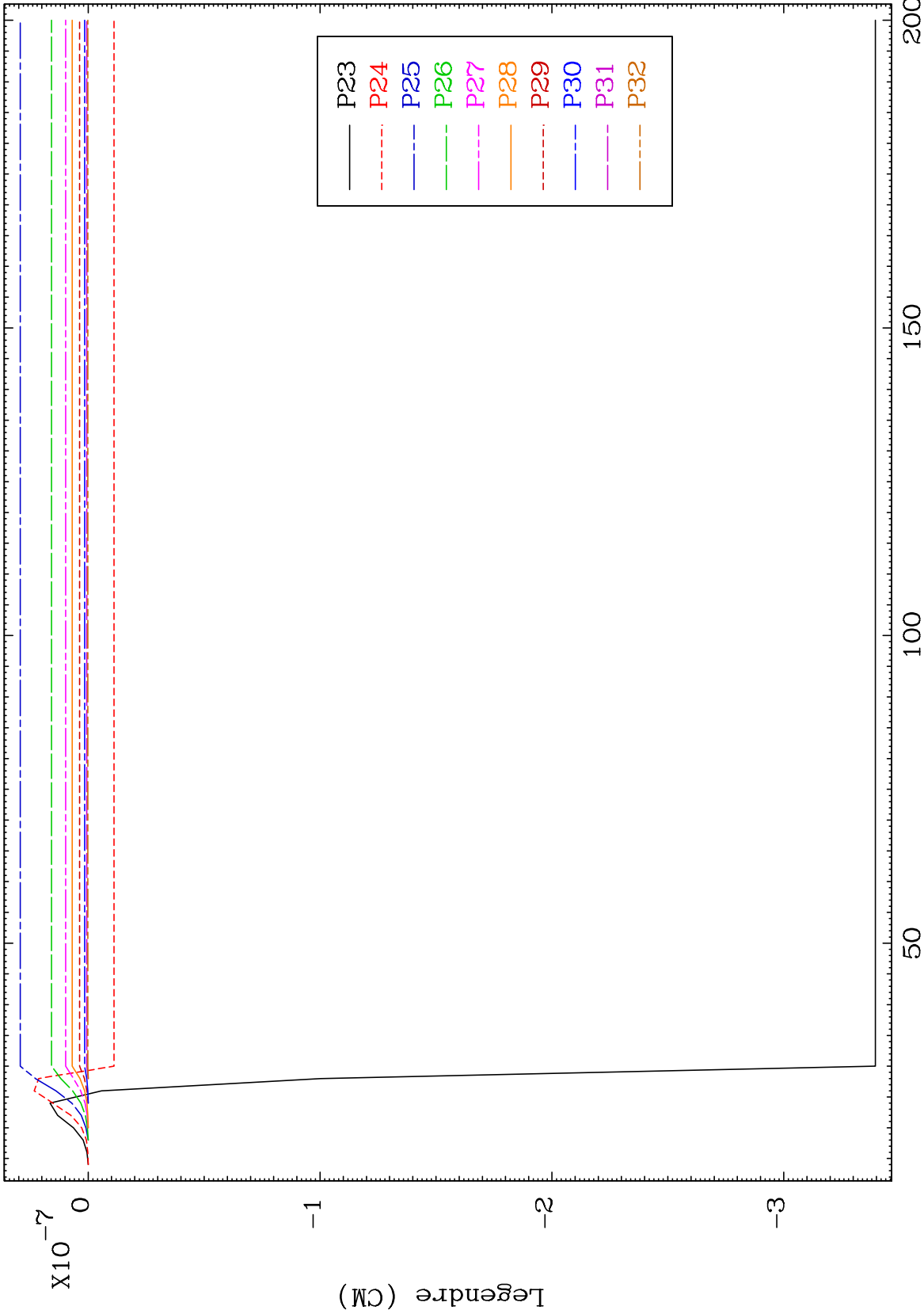
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



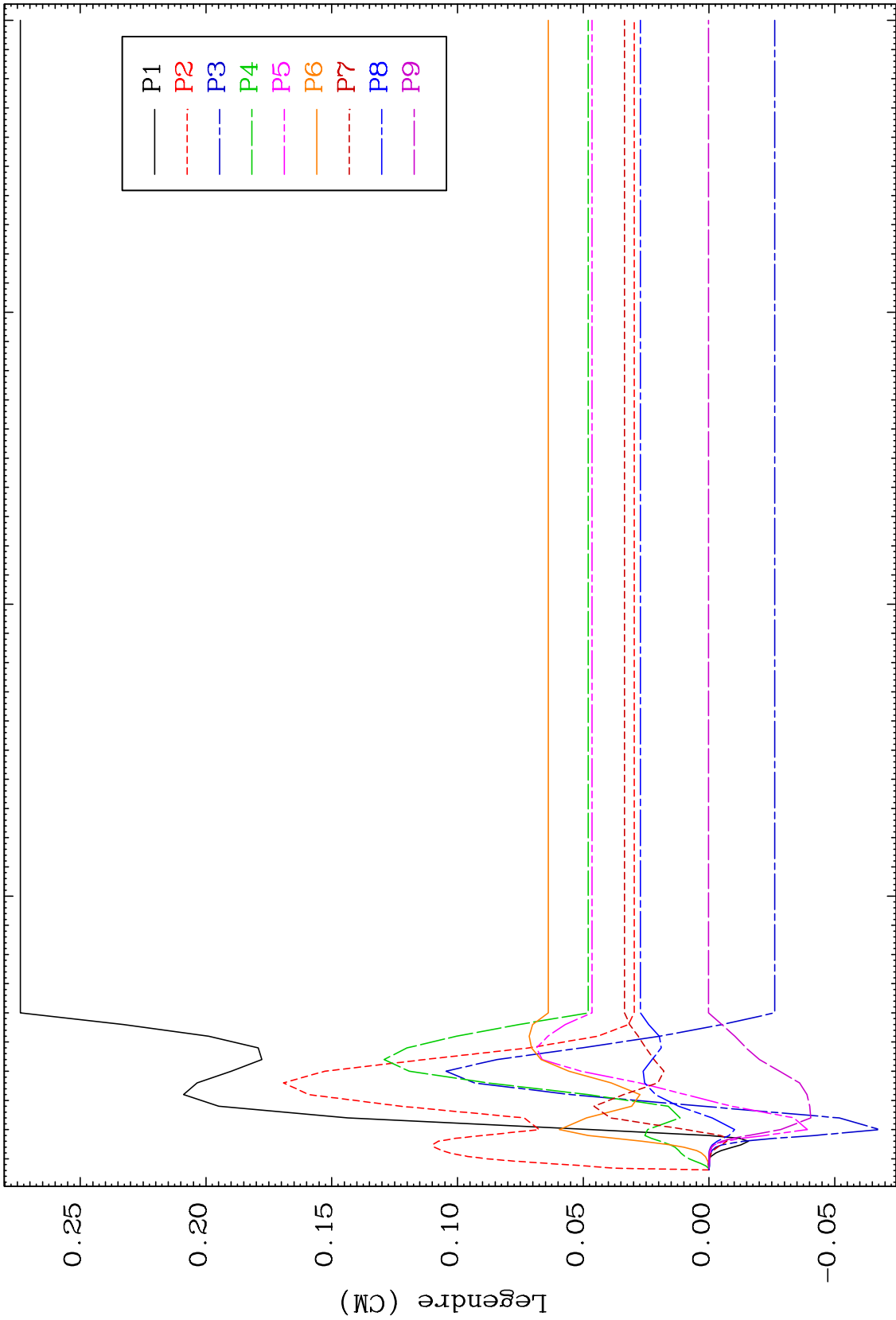
105

48-Cd-102

MAT 4813

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

48-Cd-102



106

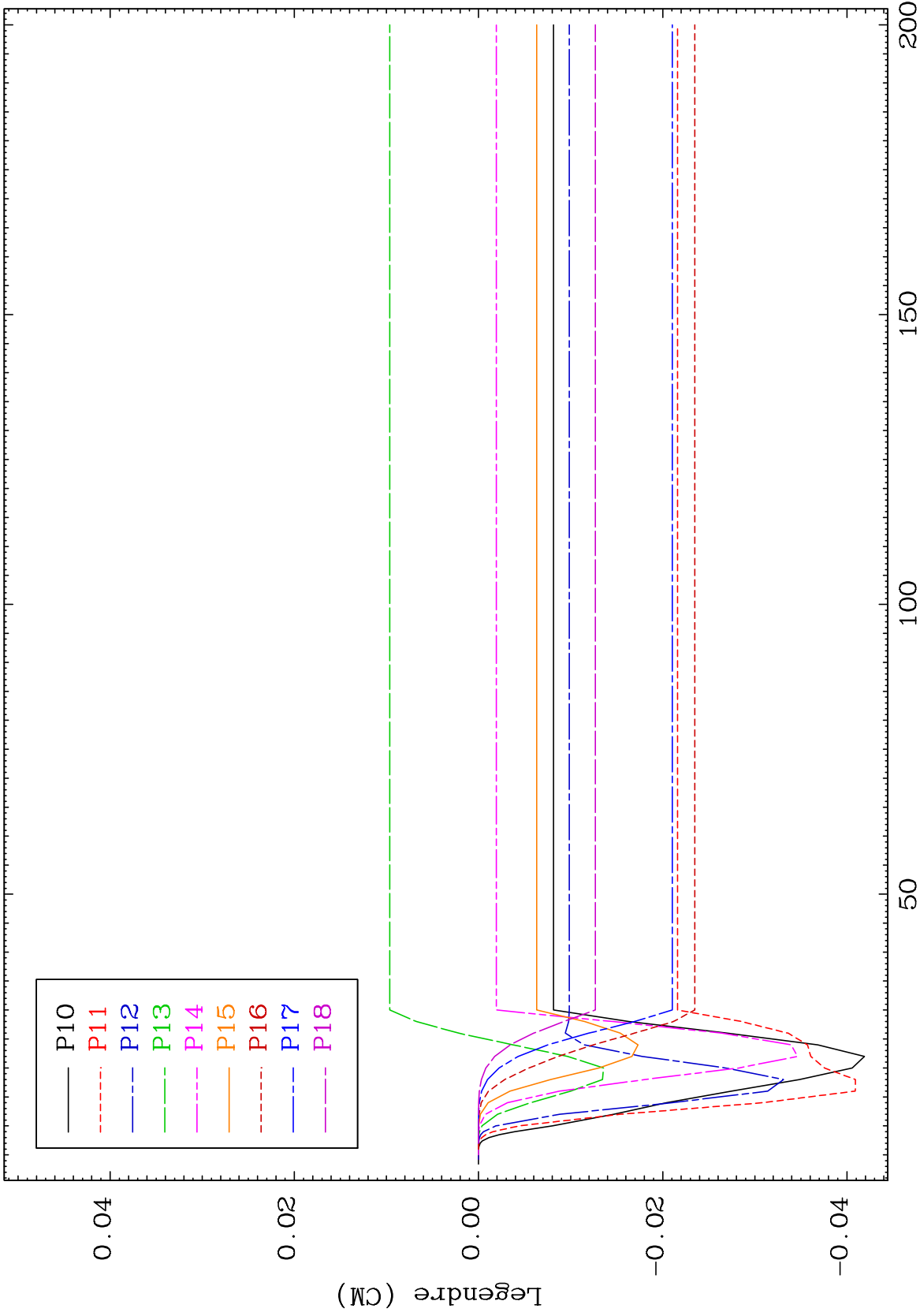
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

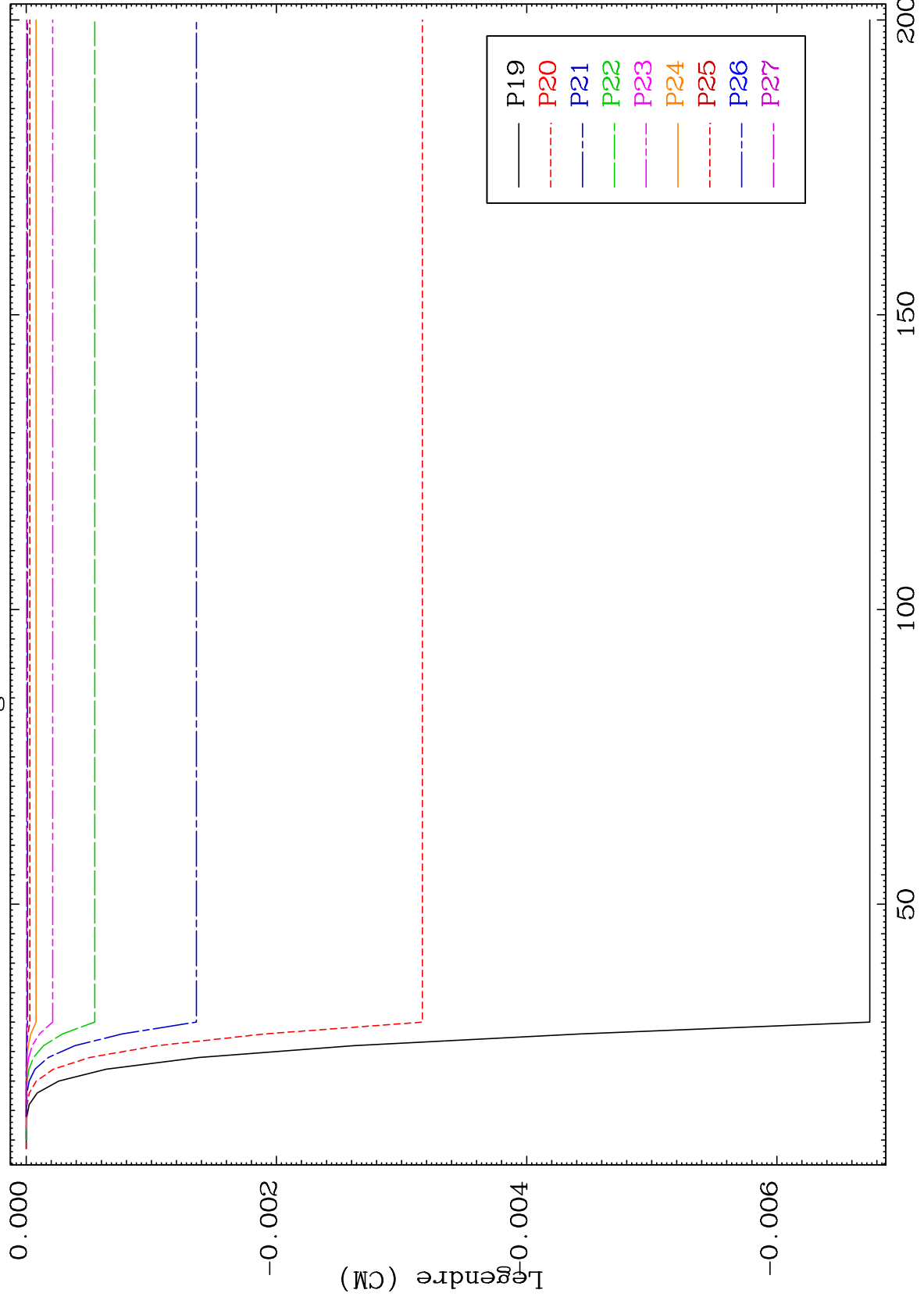


107

Incident Energy (MeV)

48-Cd-102

MAT 4813 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-102

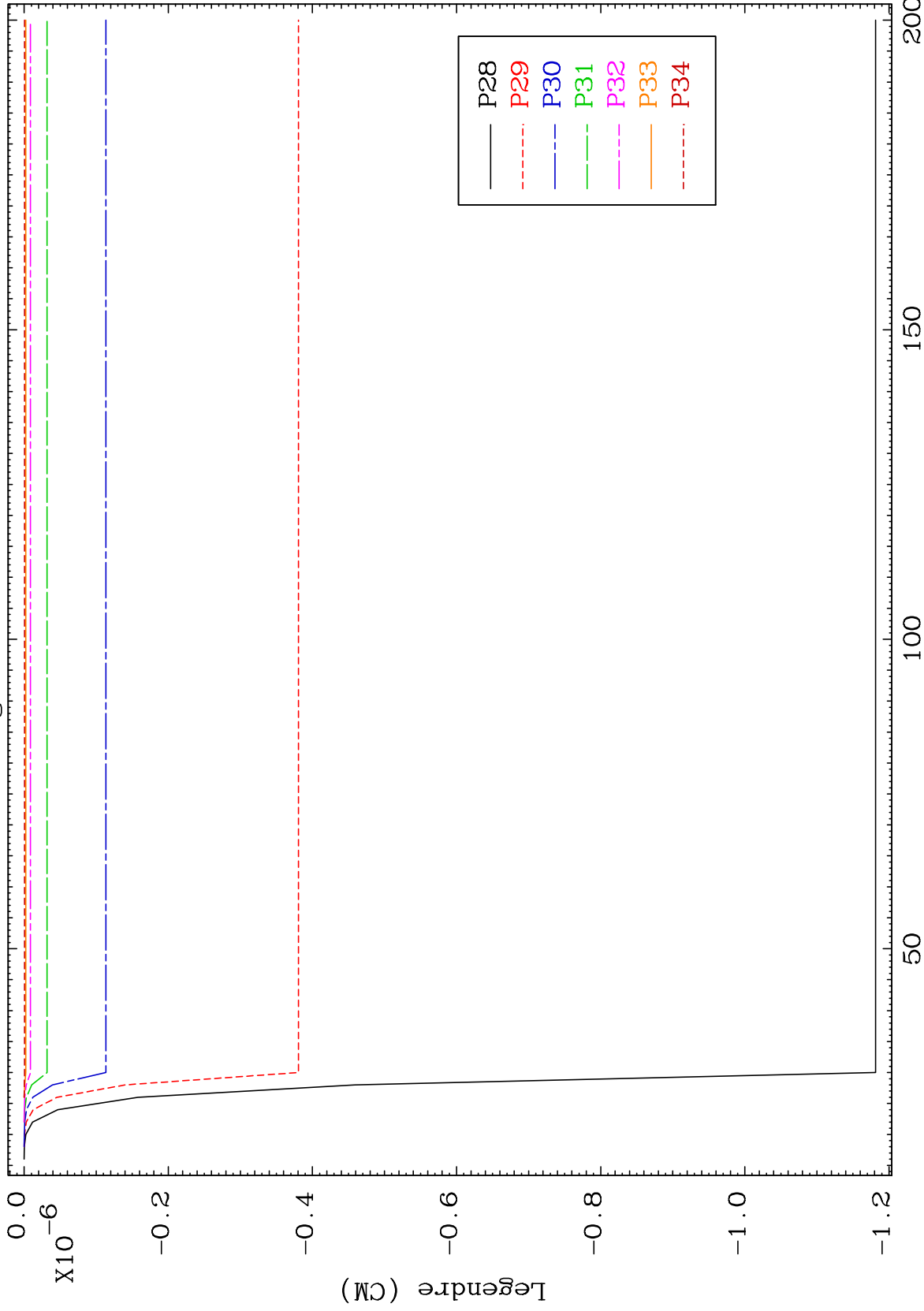


108 48-Cd-102

MAT 4813

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

48-Cd-102



109

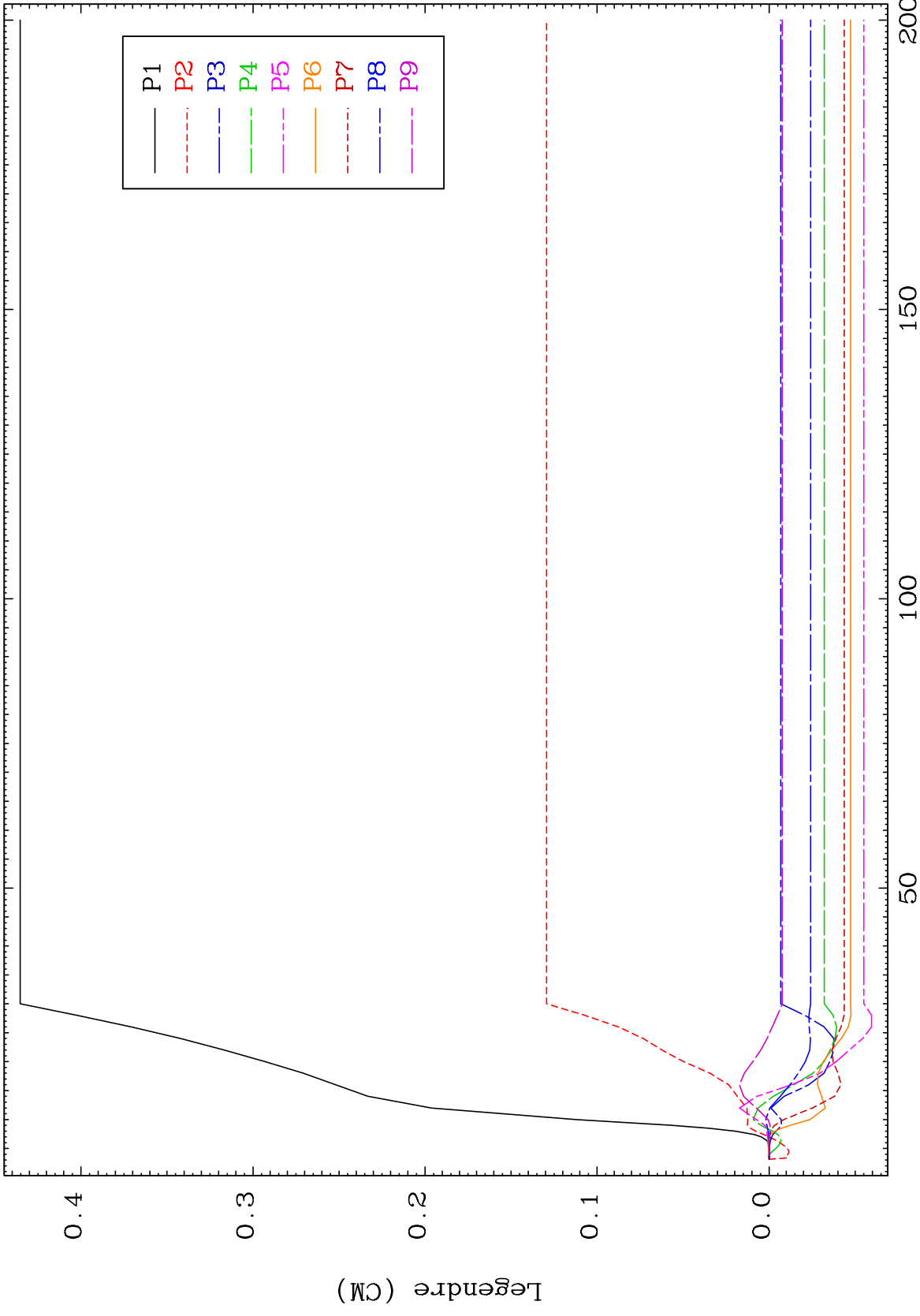
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



110

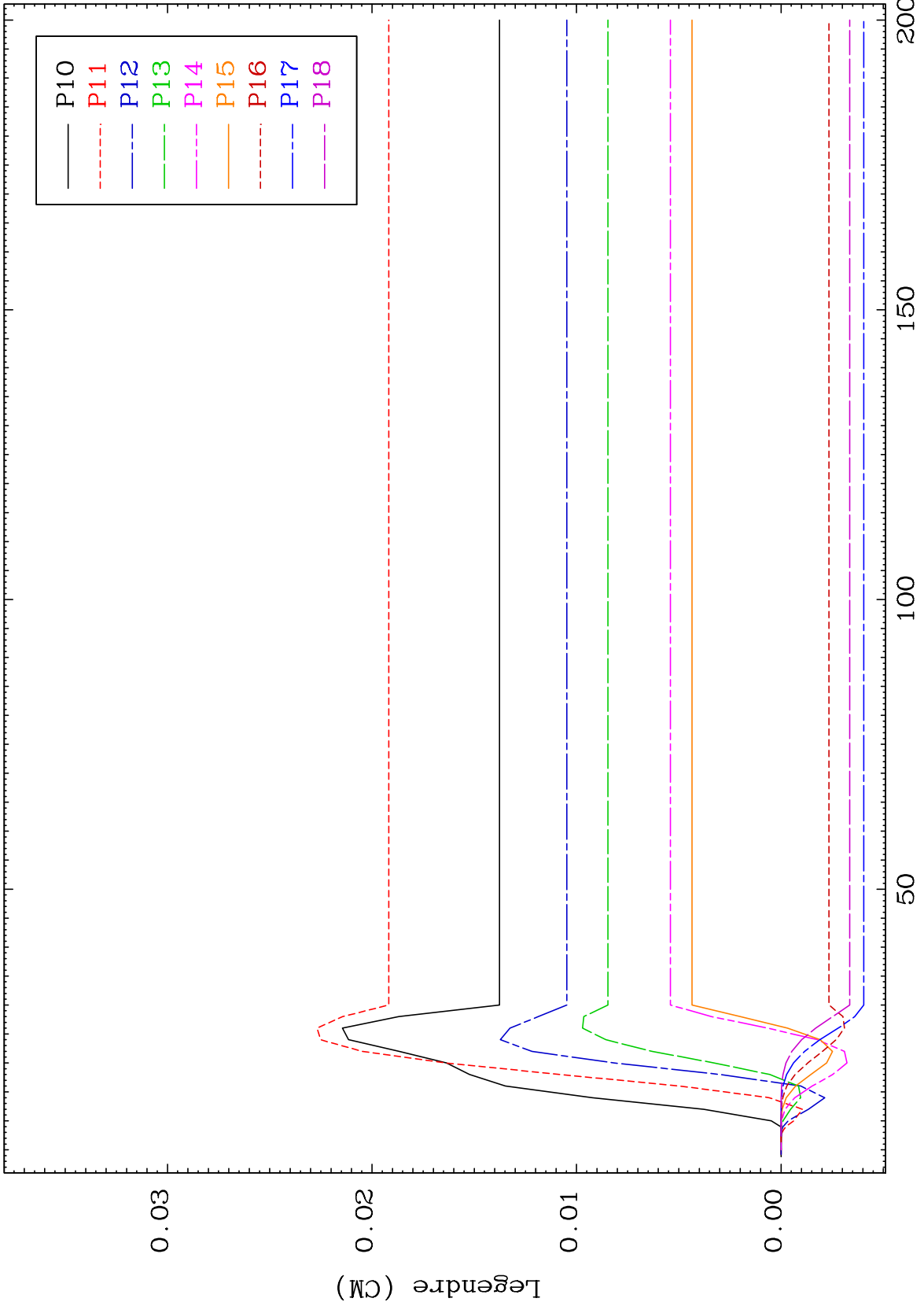
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



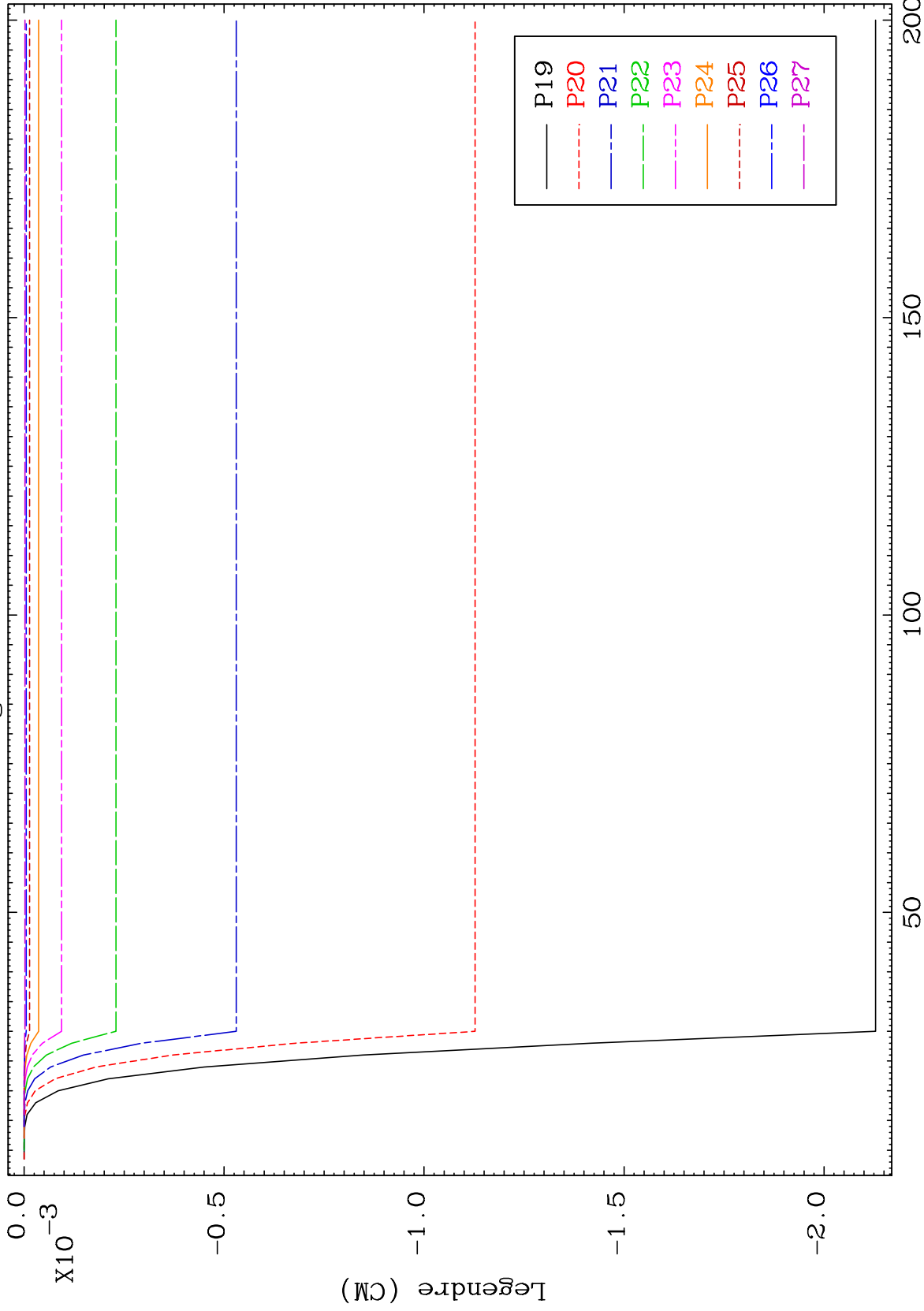
111

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

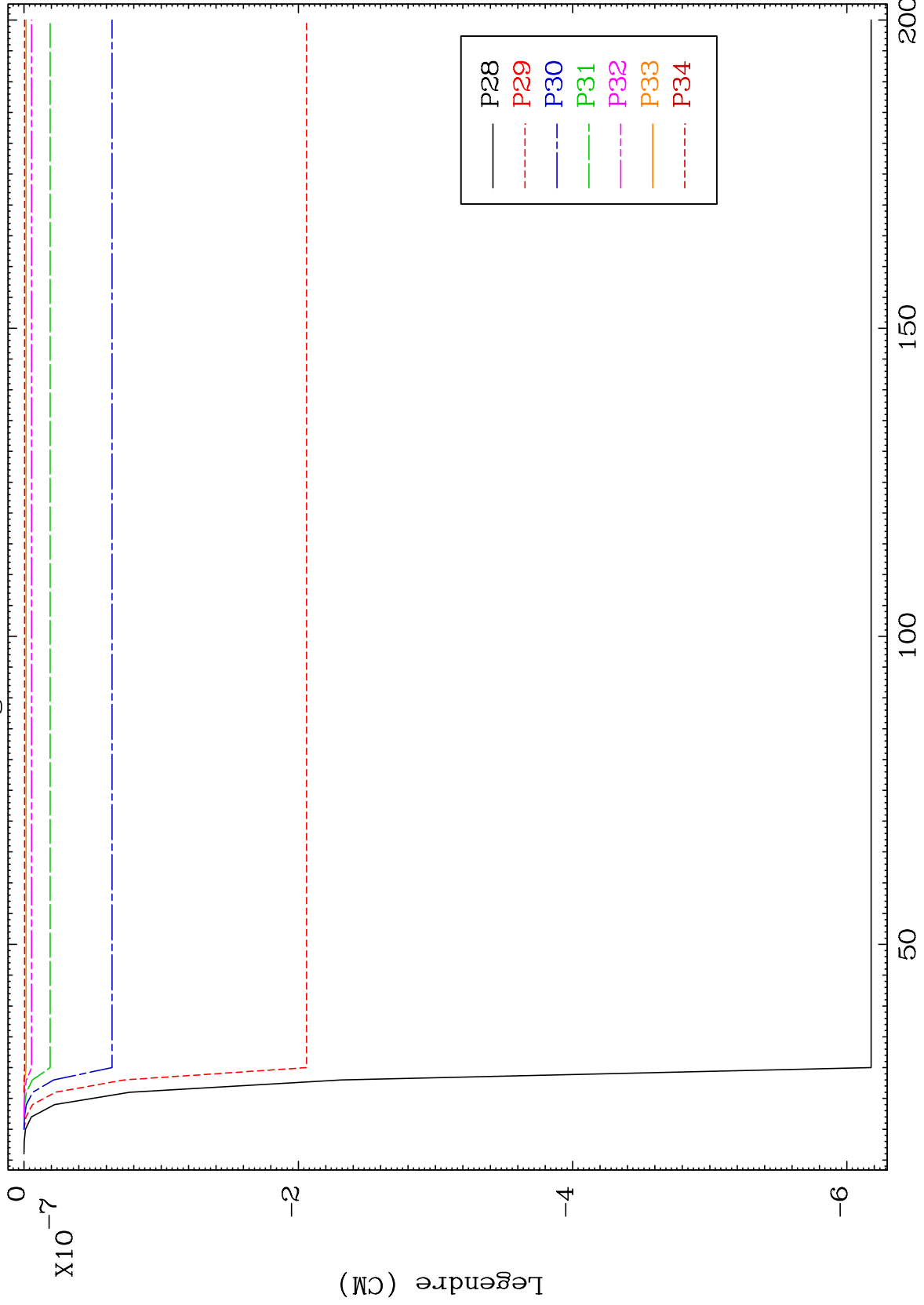
Incident Energy (MeV)

112

MAT 4813

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

48-Cd-102



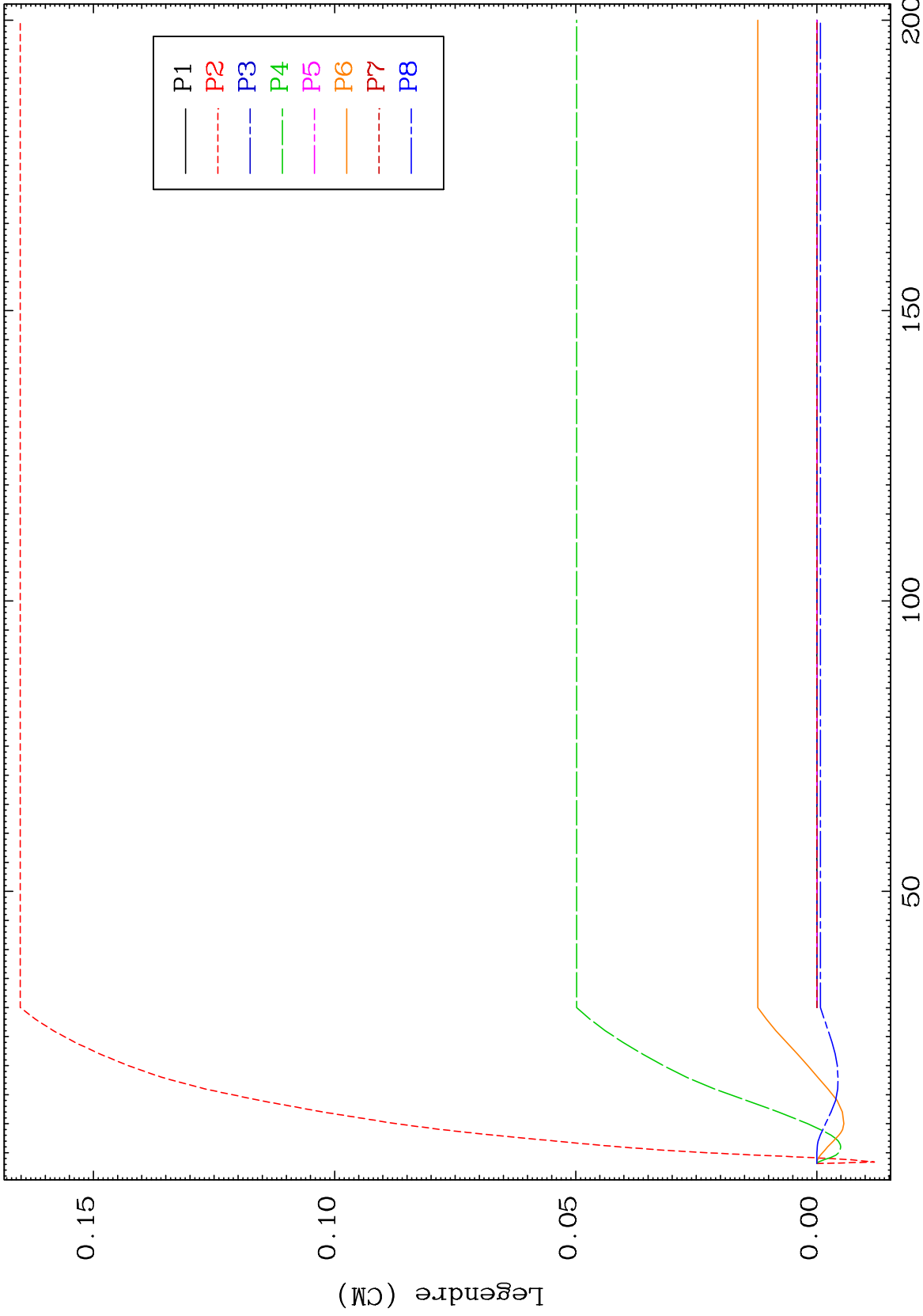
113

48-Cd-102

MAT 4813

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

48-Cd-102



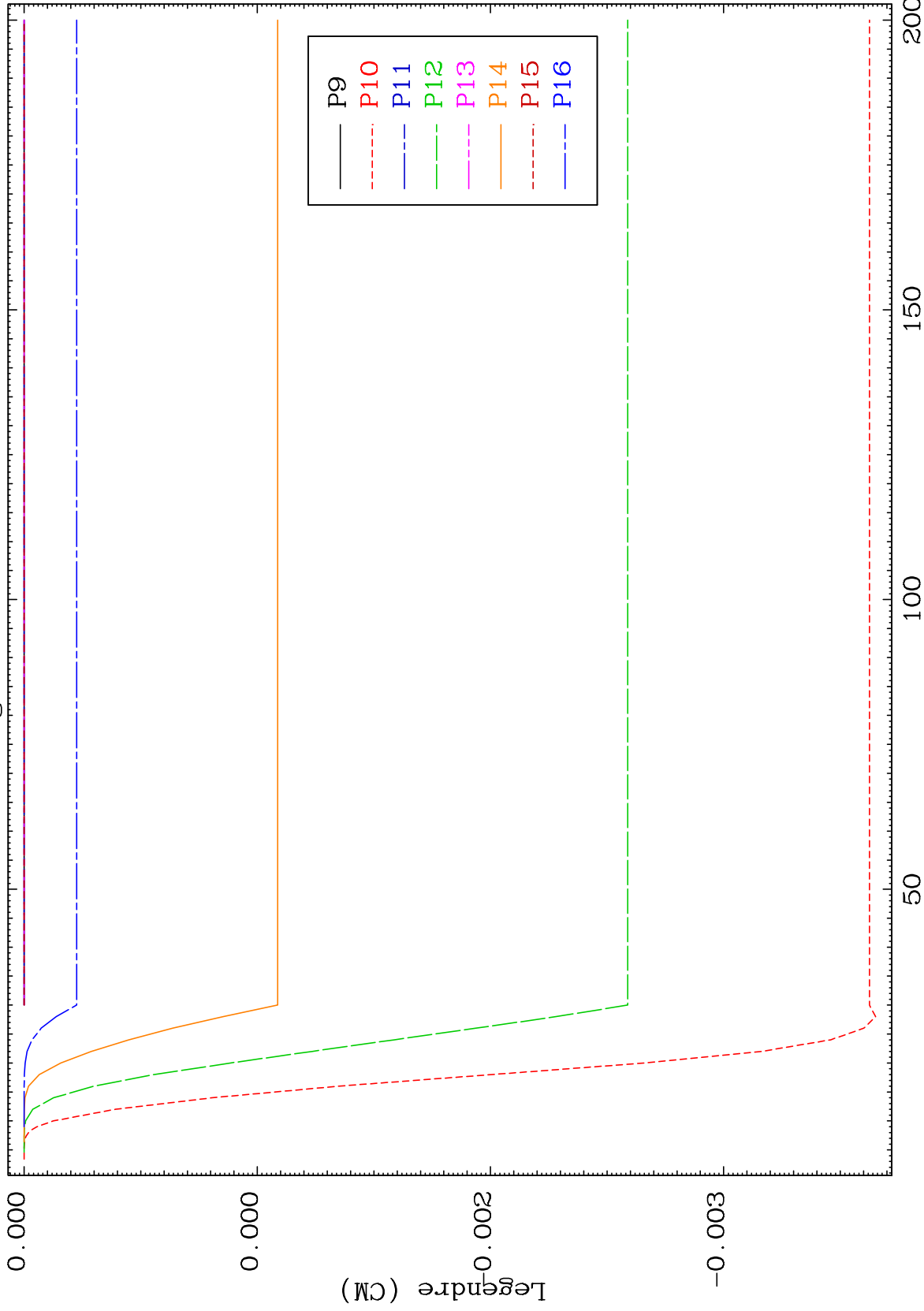
114

48-Cd-102

MAT 4813

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

48-Cd-102



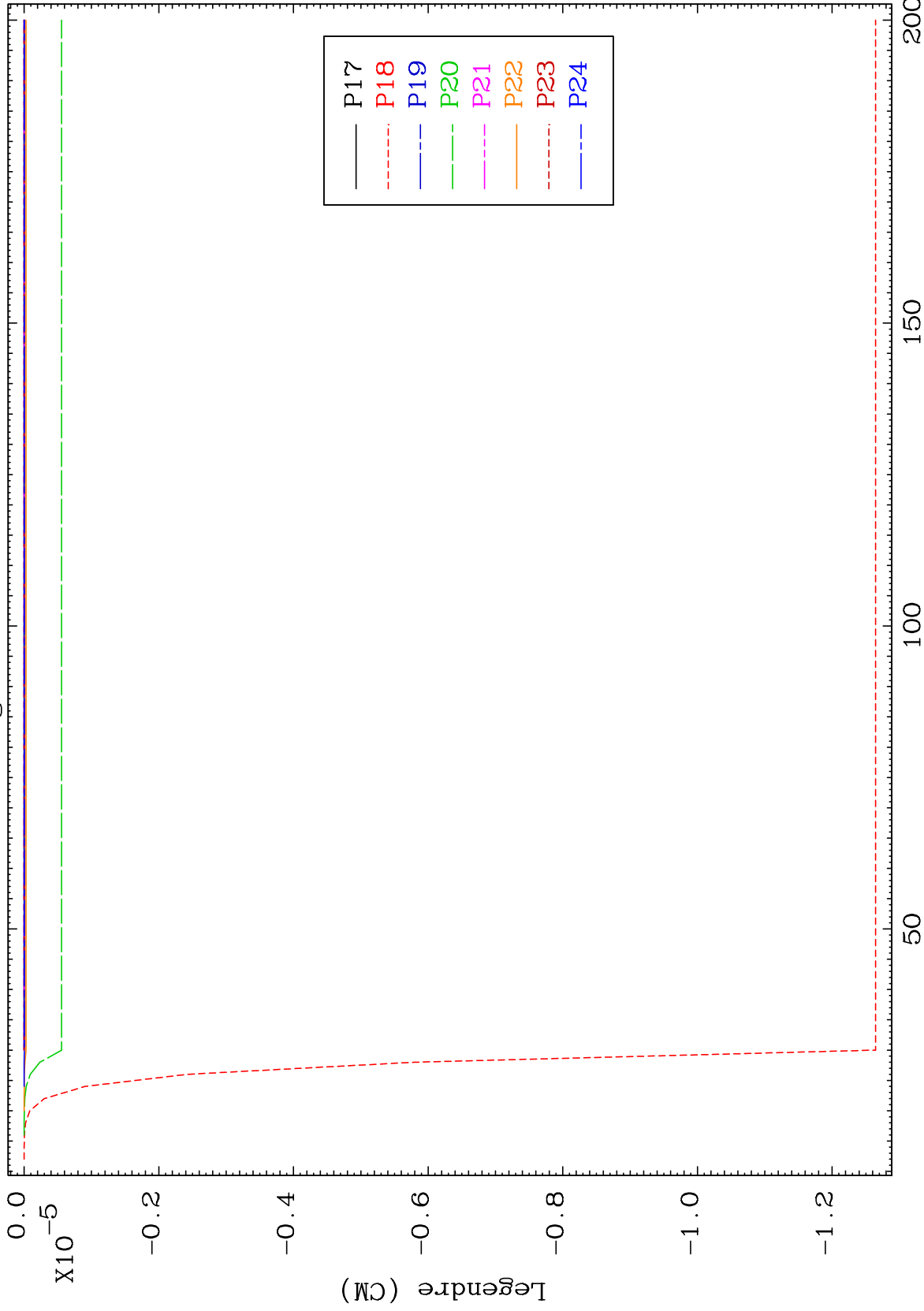
115

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

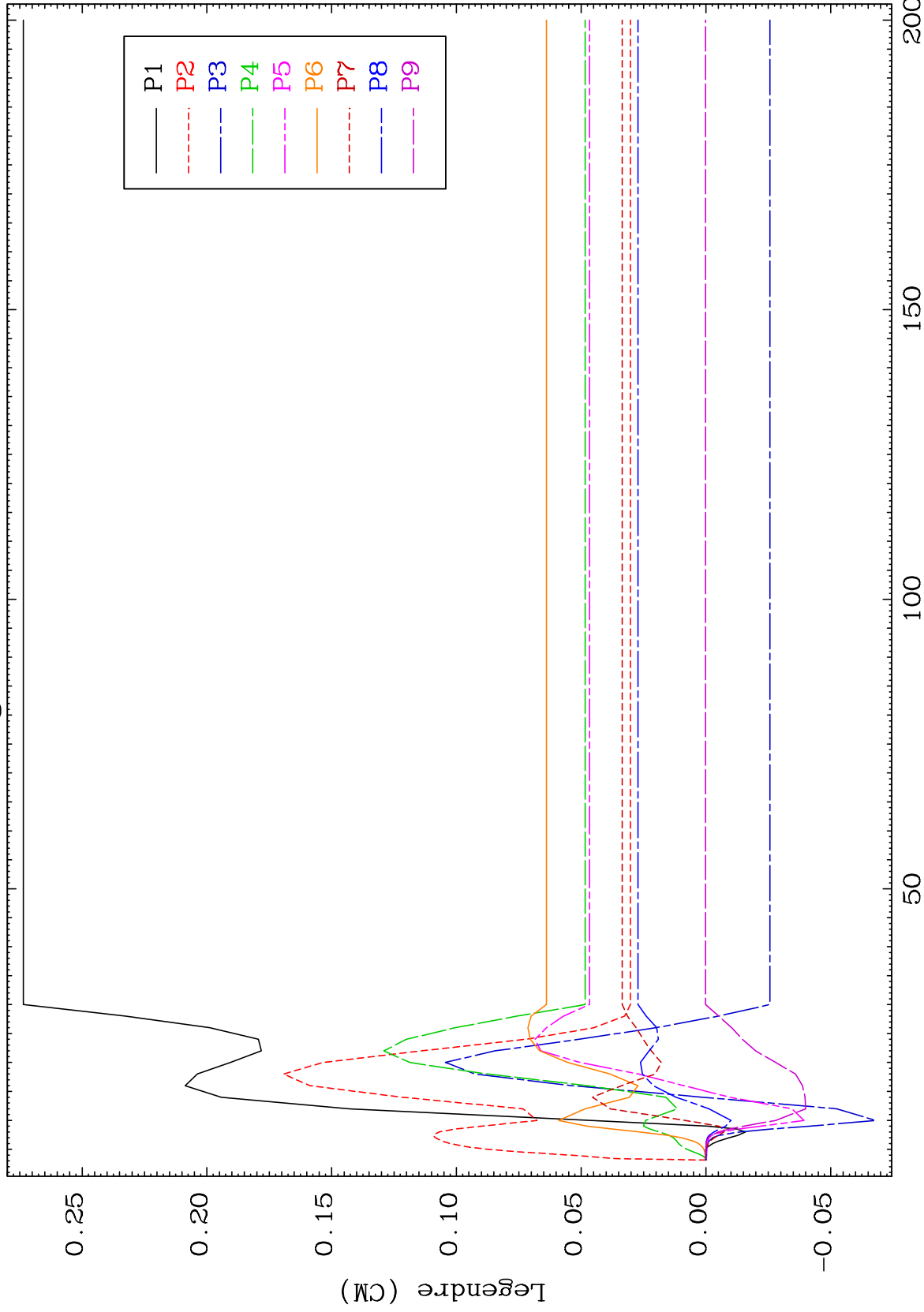
Incident Energy (MeV)

116

MAT 4813

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

48-Cd-102



117

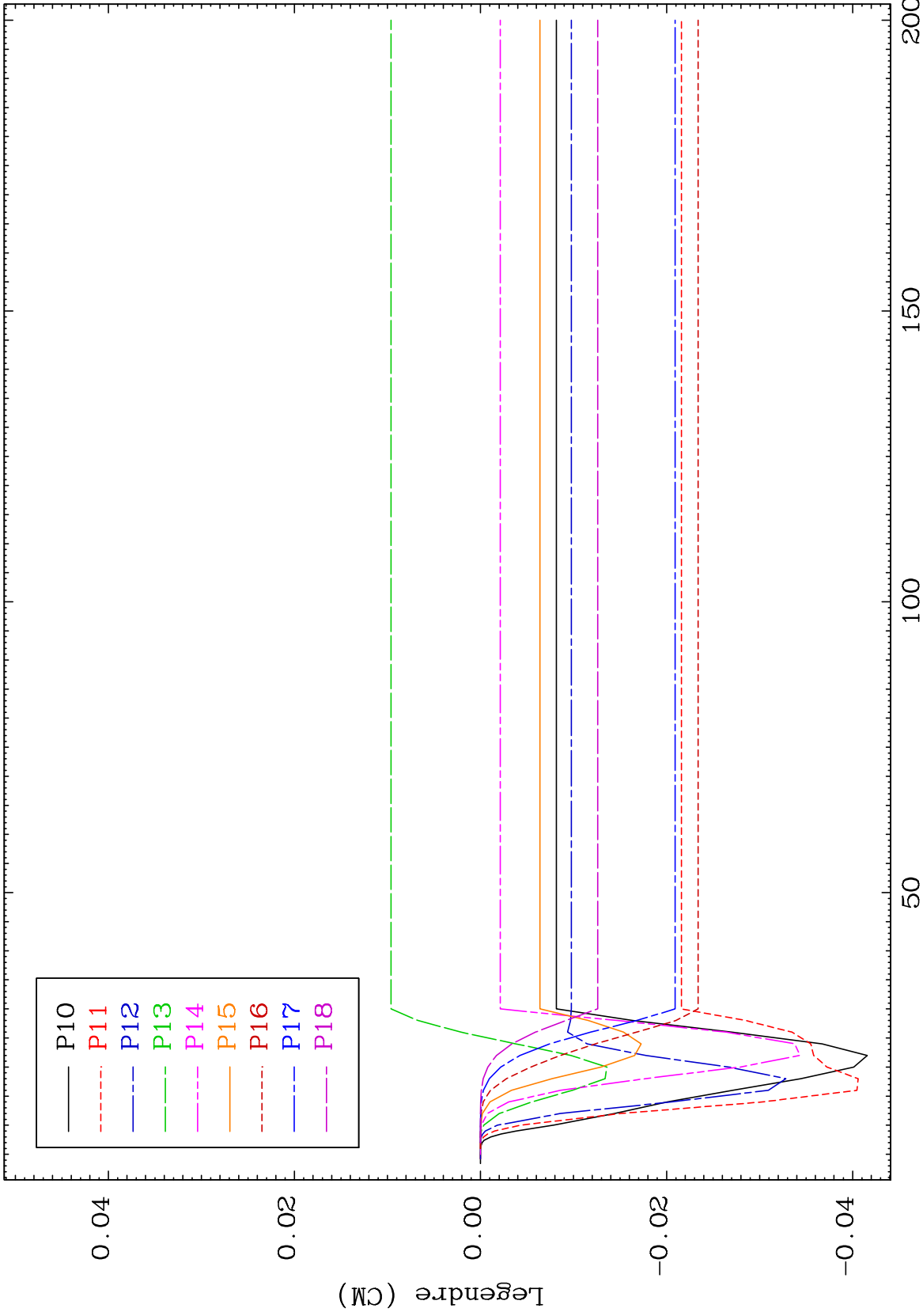
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

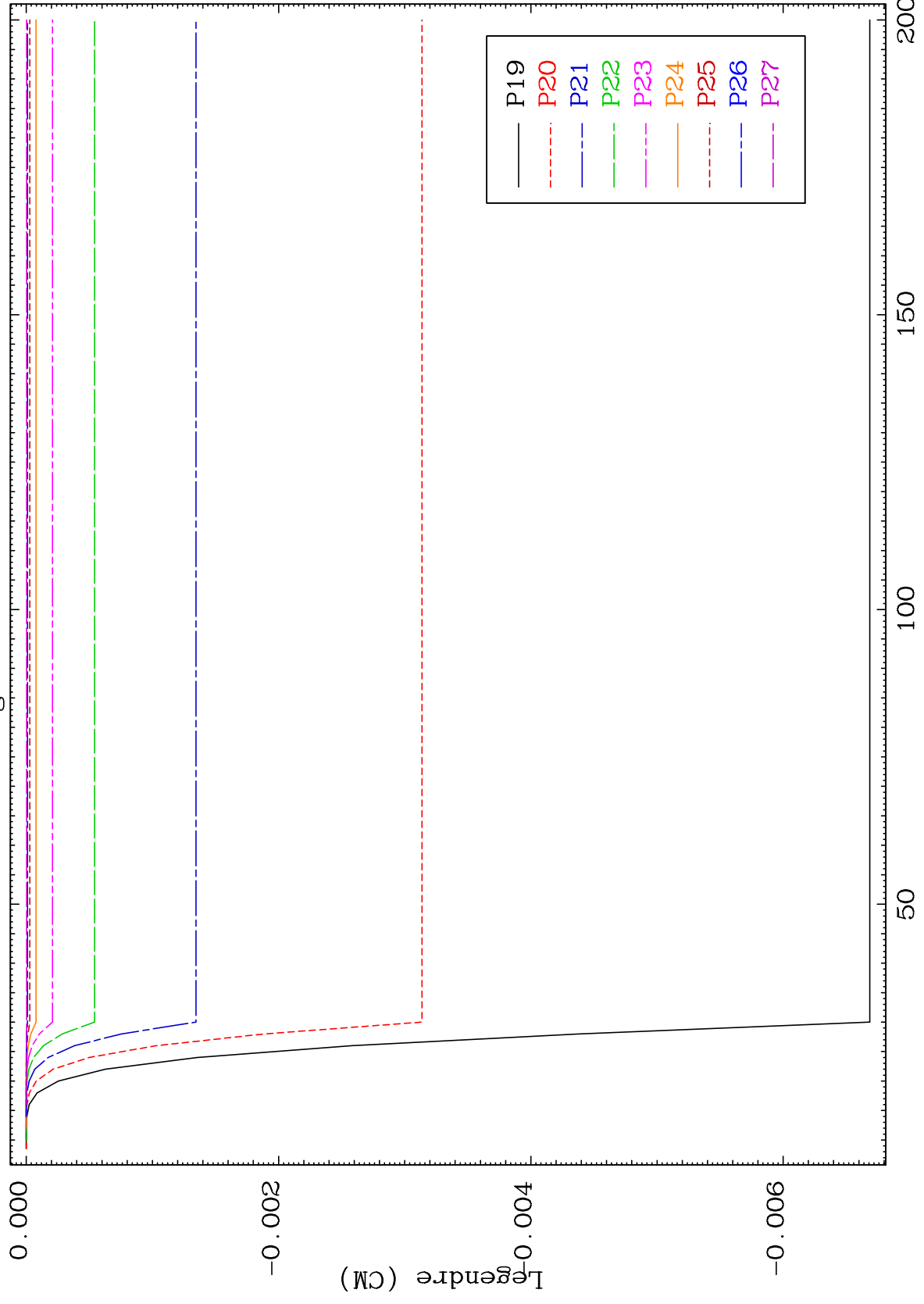


118

Incident Energy (MeV)

48-Cd-102

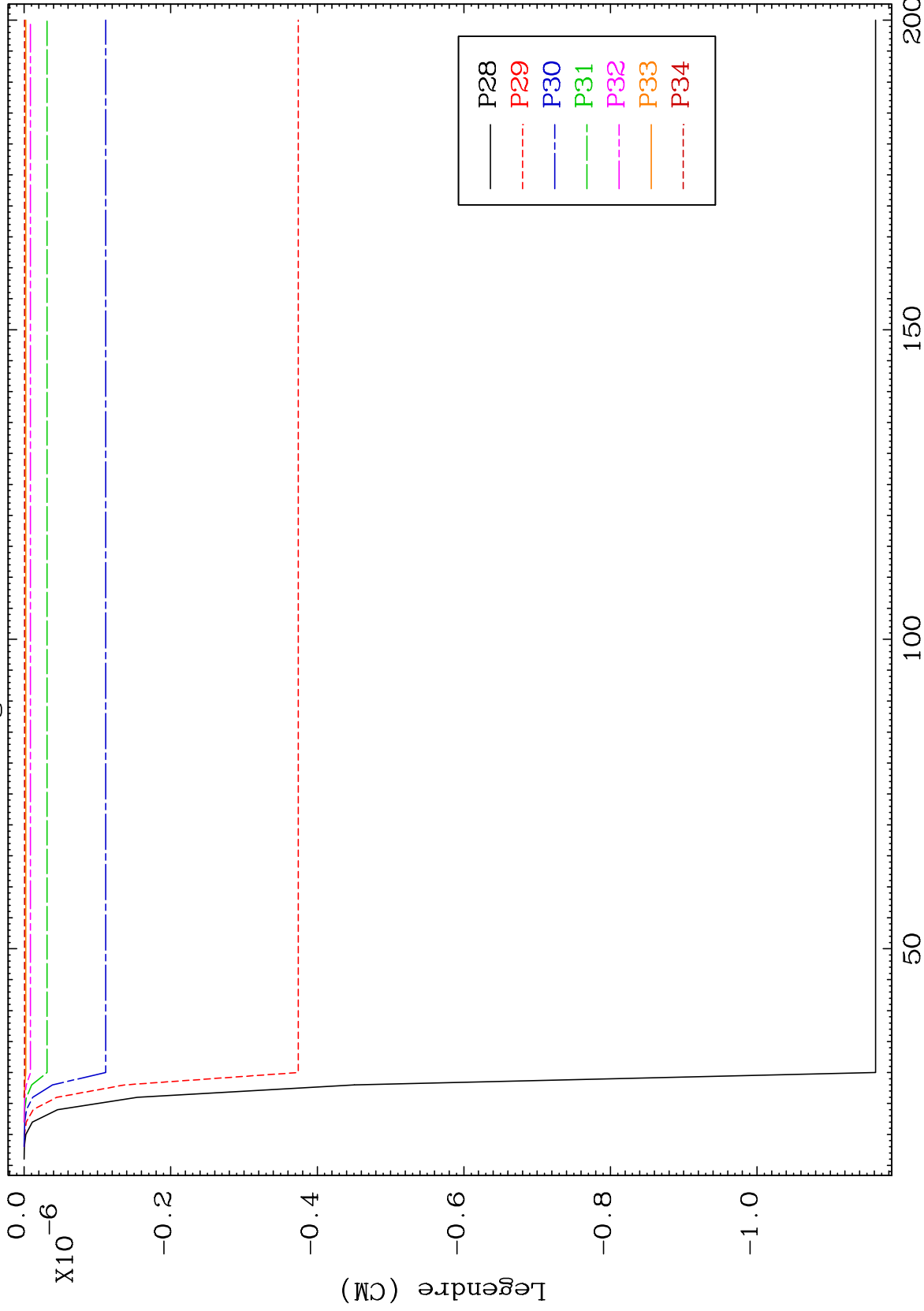
MAT 4813 MT= 78 (n,n') Level Legendre Coefficients 48-Cd-102



MAT 4813

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

48-Cd-102



48-Cd-102

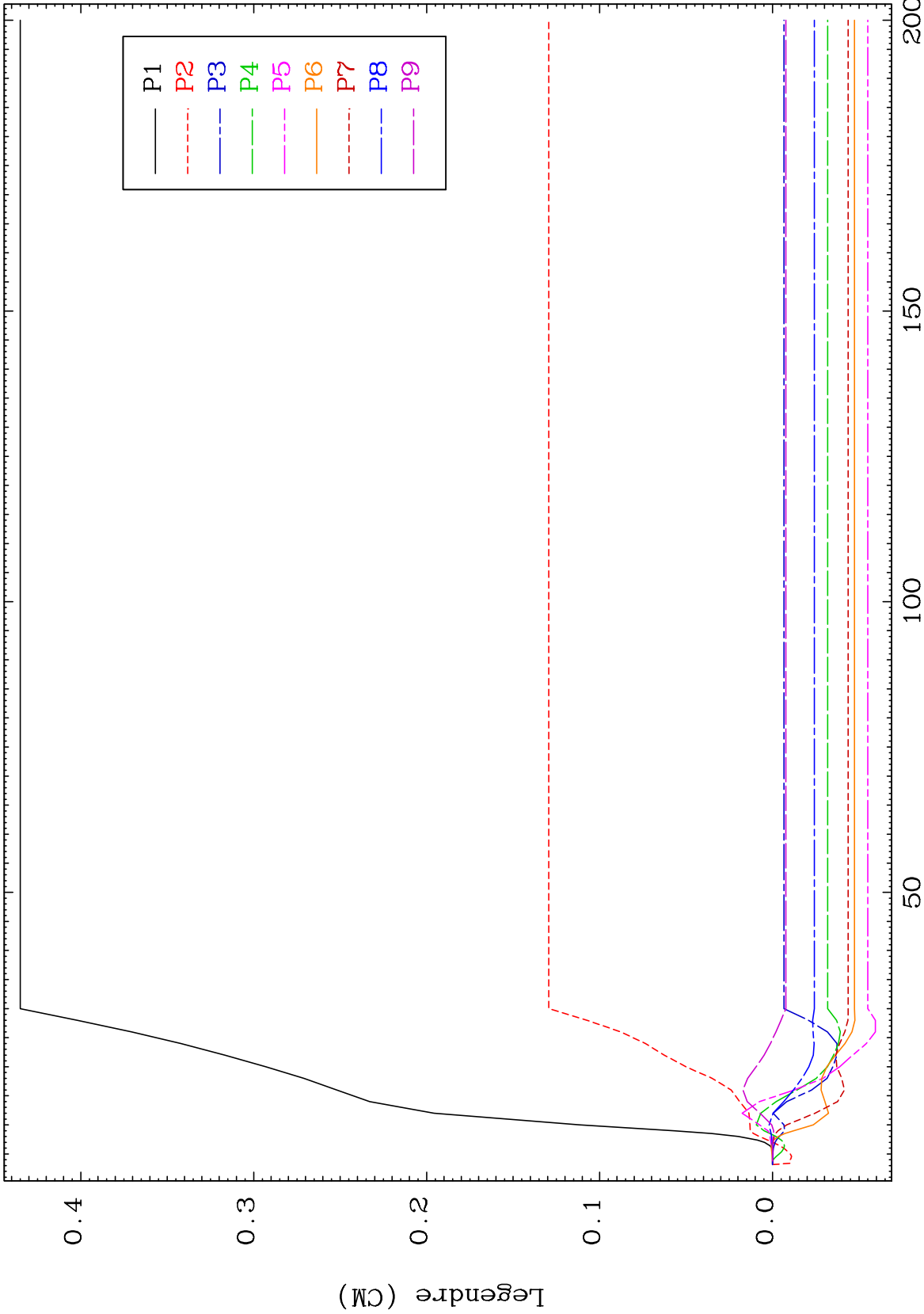
Incident Energy (MeV)

120

MAT 4813

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

48-Cd-102



121

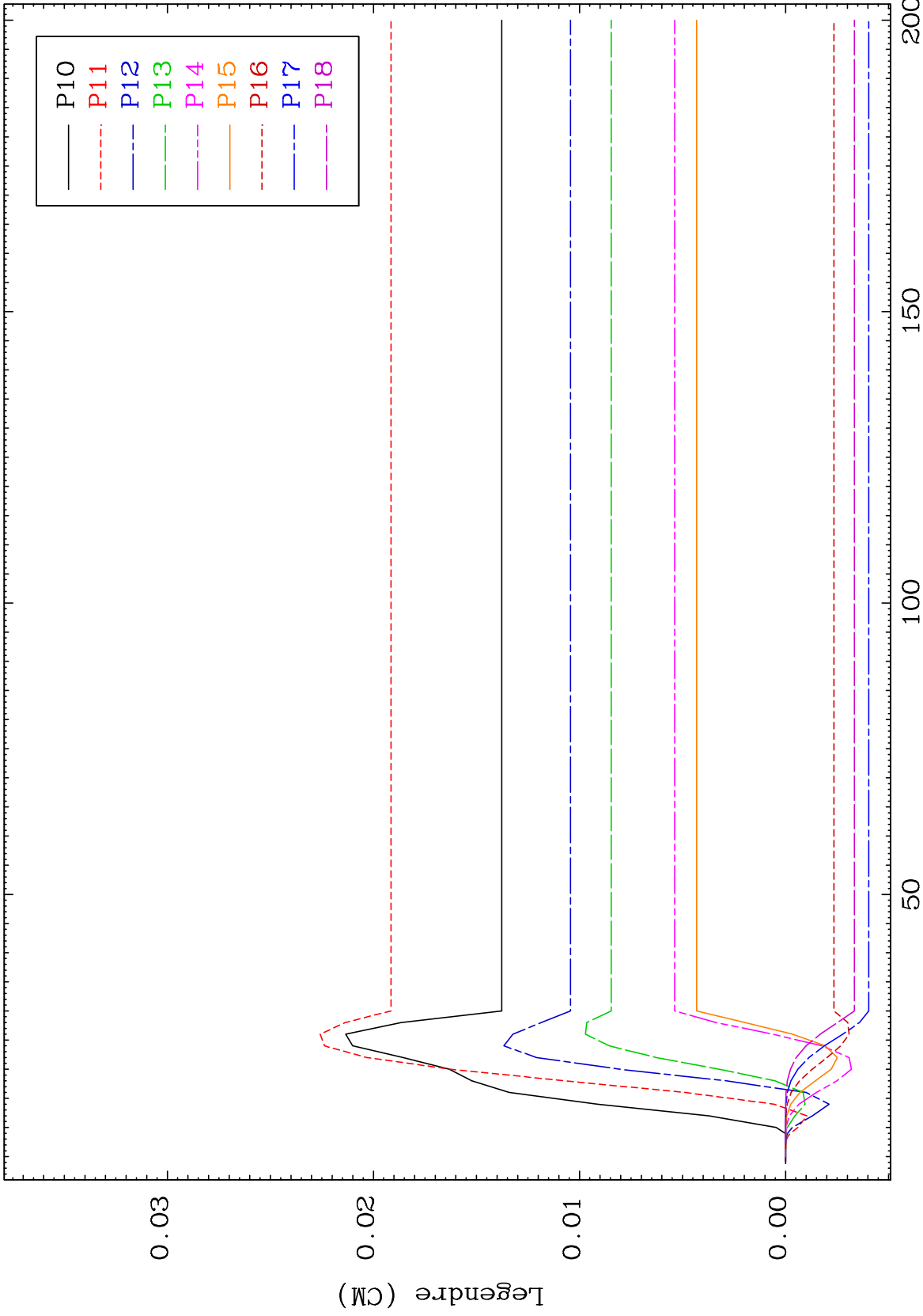
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



122

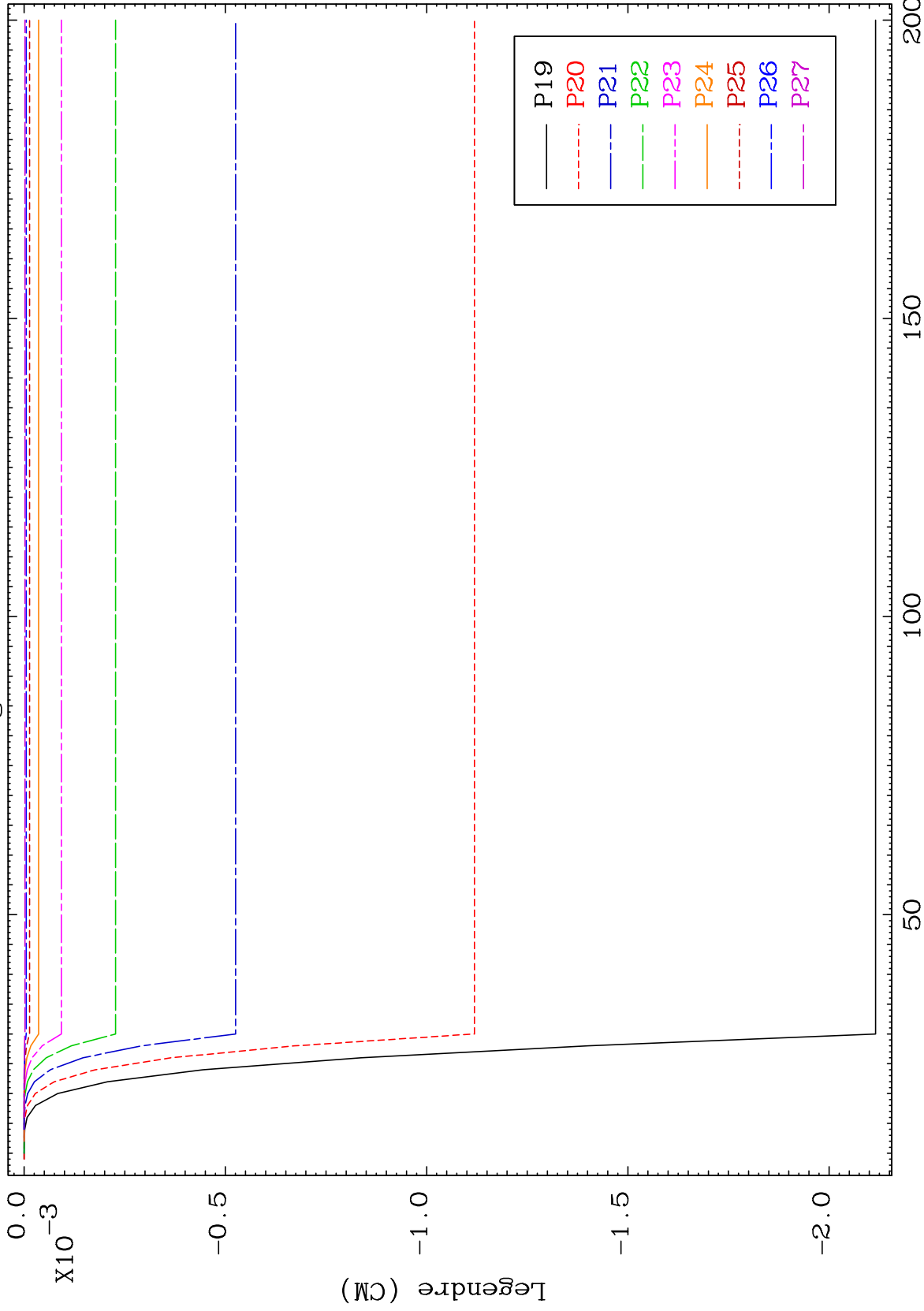
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

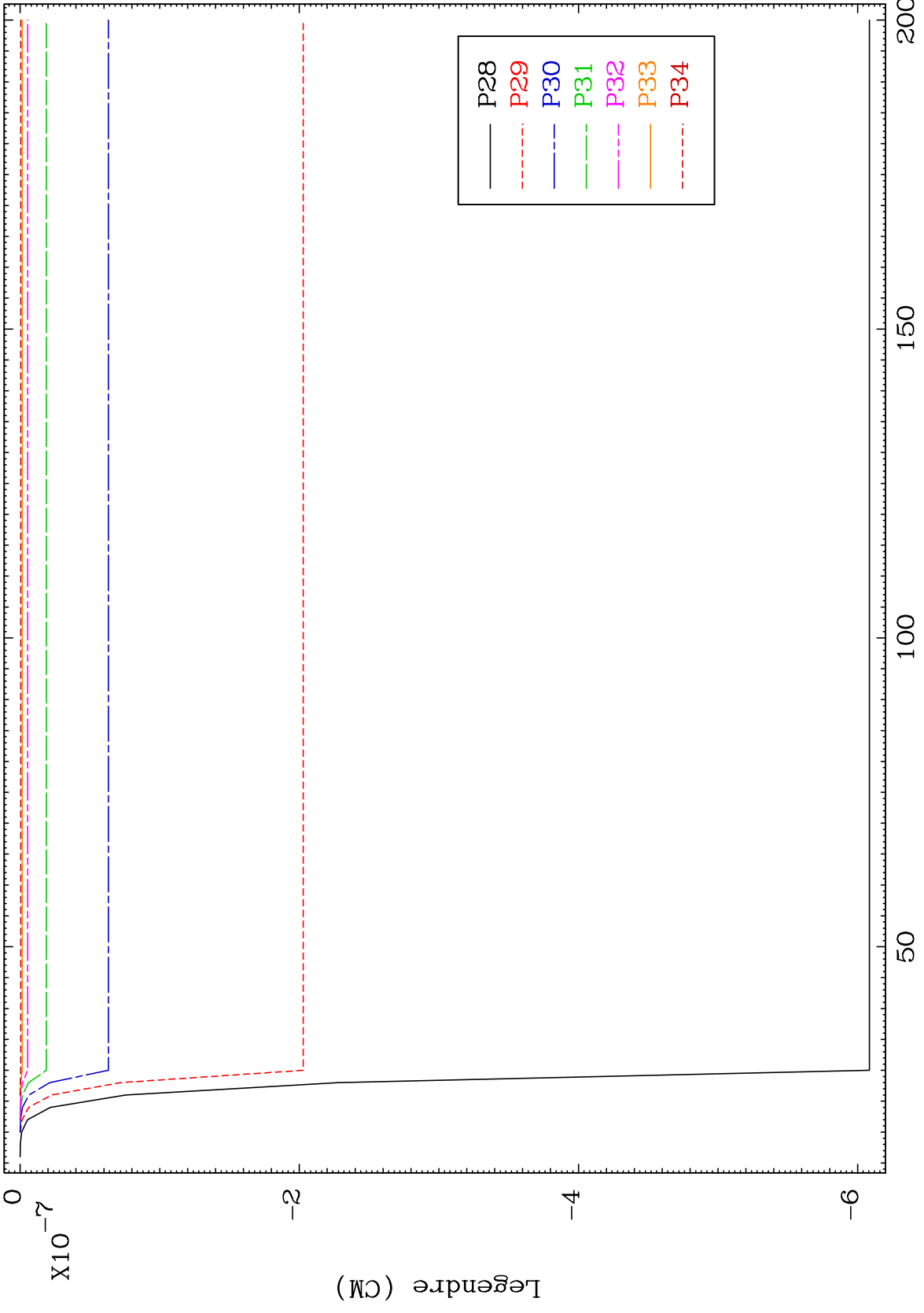


48-Cd-102

Incident Energy (MeV)

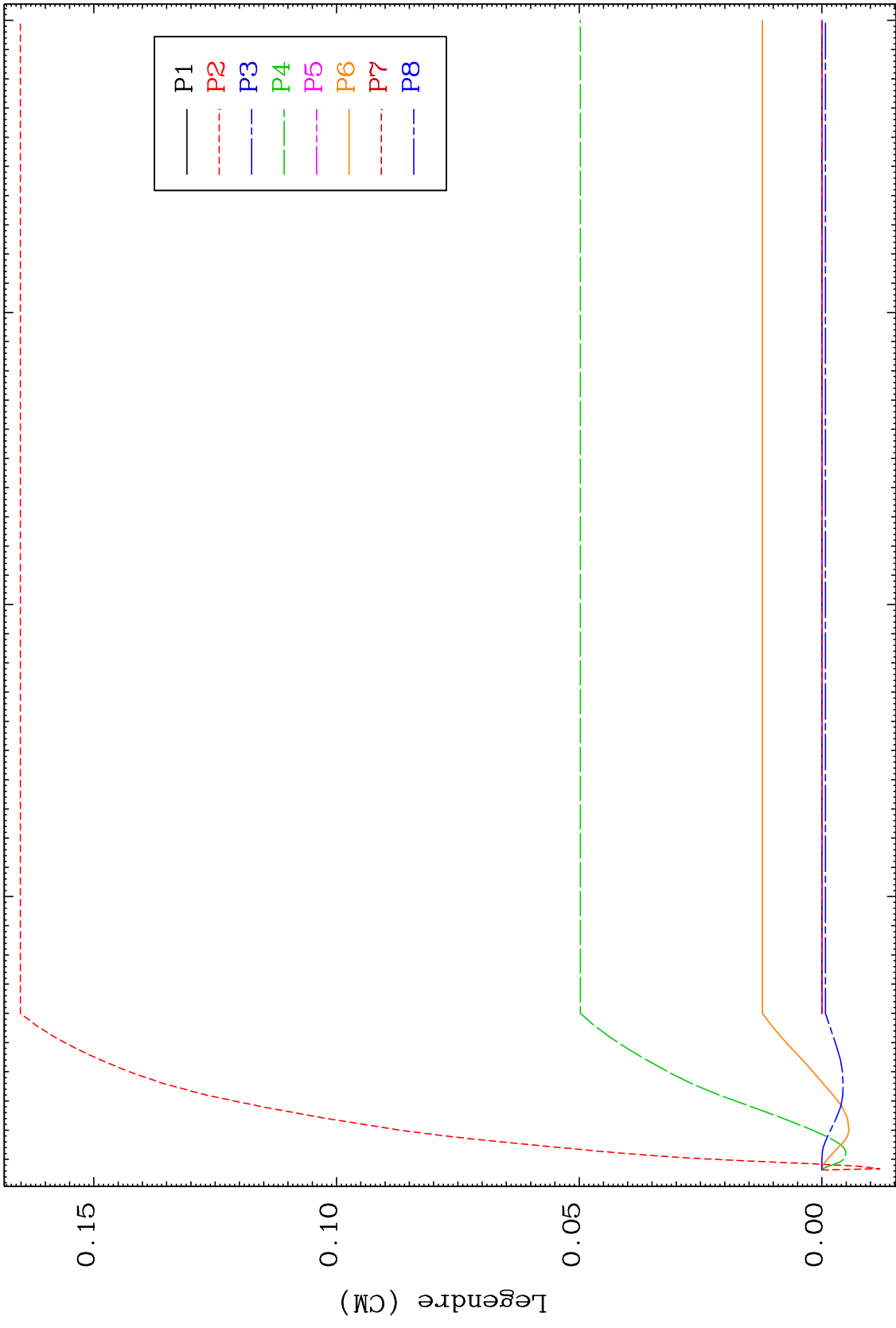
123

MAT 4813 MT= 79 (n,n') Level Legendre Coefficients 48-Cd-102



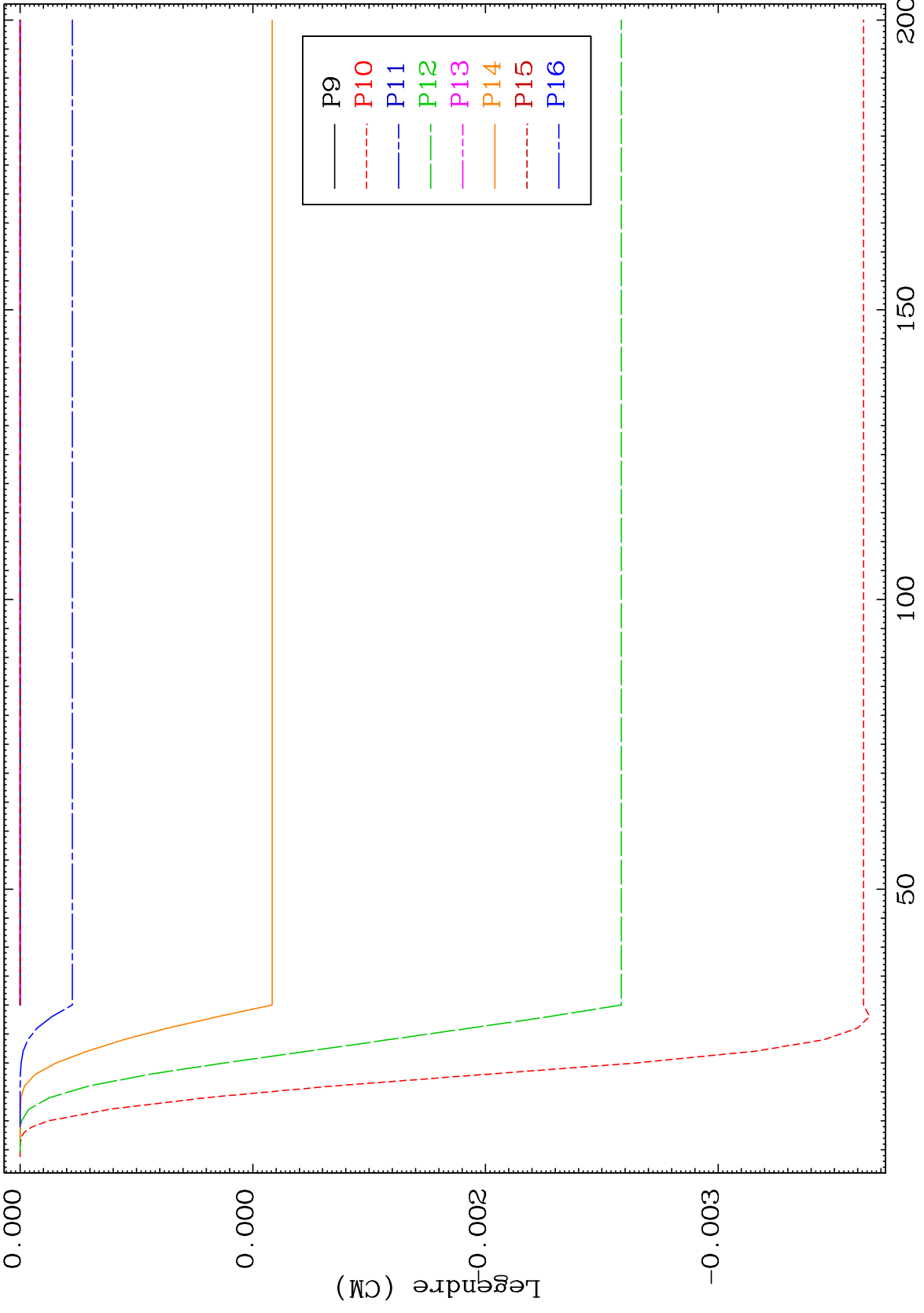
124 48-Cd-102

MAT 4813 MT= 80 (n,n') Level Legendre Coefficients 48-Cd-102



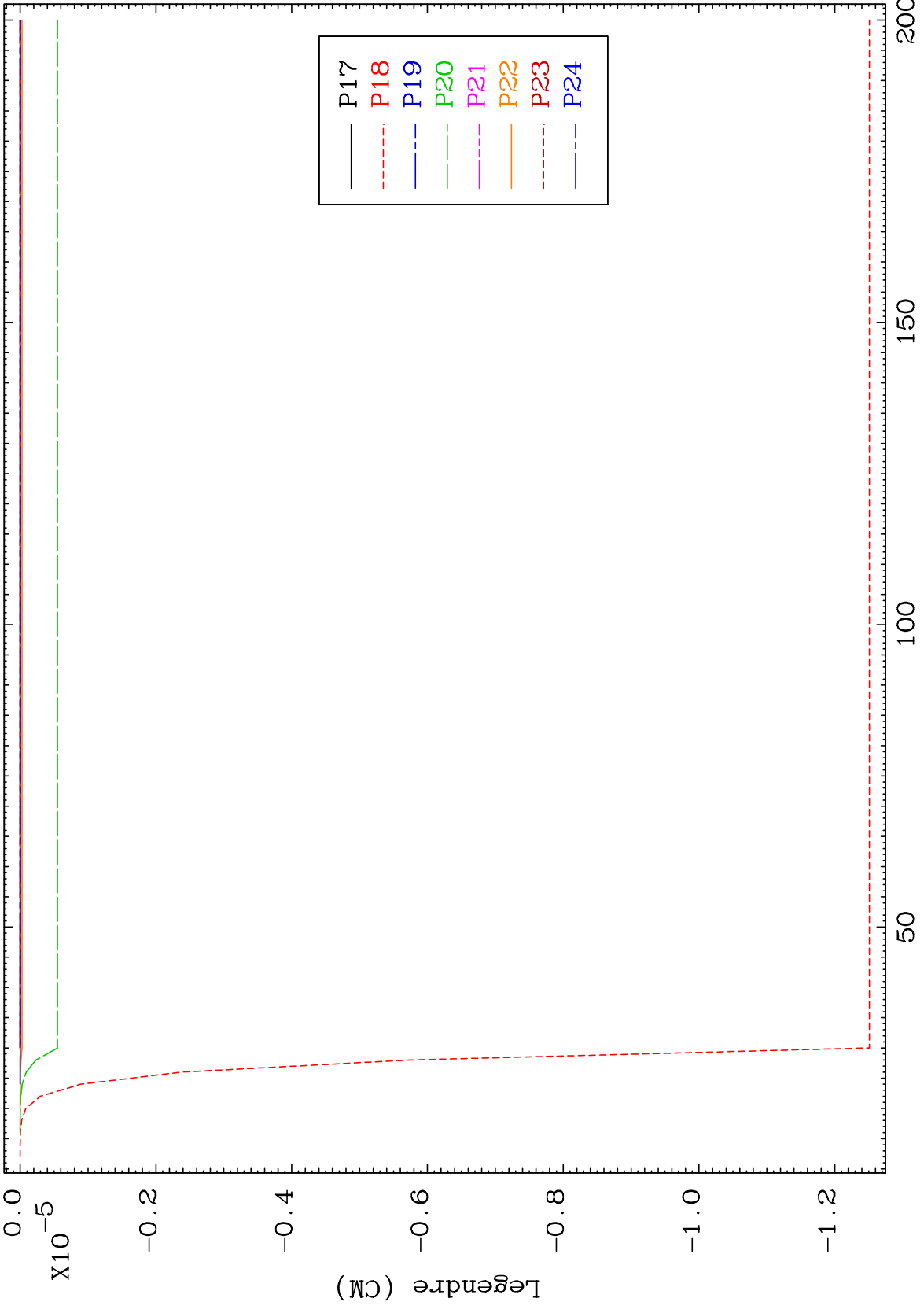
48-Cd-102

MAT 4813 MT= 80 (n,n') Level Legendre Coefficients 48-Cd-102



126 48-Cd-102

MAT 4813 MT= 80 (n,n') Level Legendre Coefficients 48-Cd-102



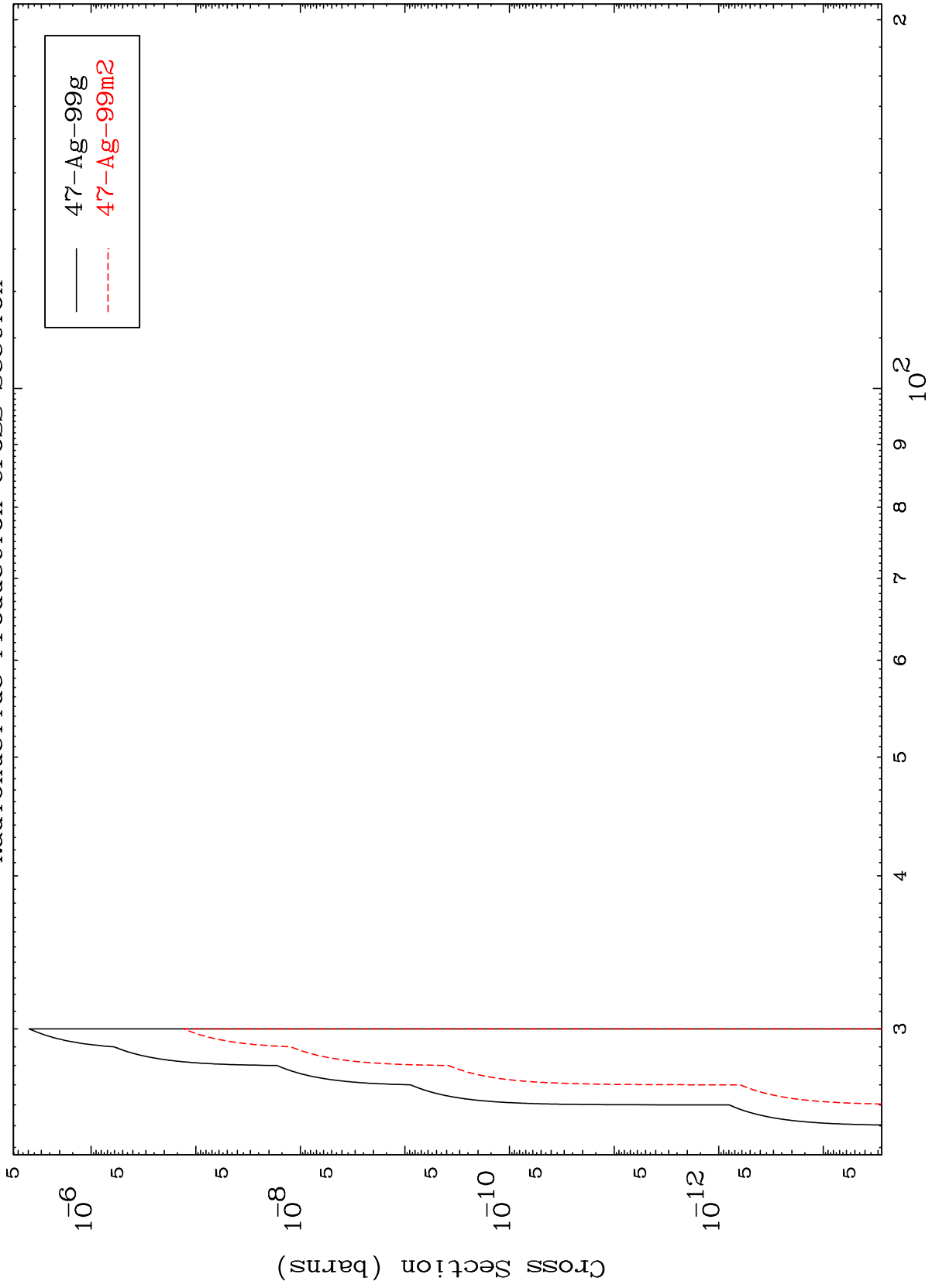
127 48-Cd-102

MAT 4813

(n,2n) d

48-Cd-102

Radionuclide Production Cross Section



128

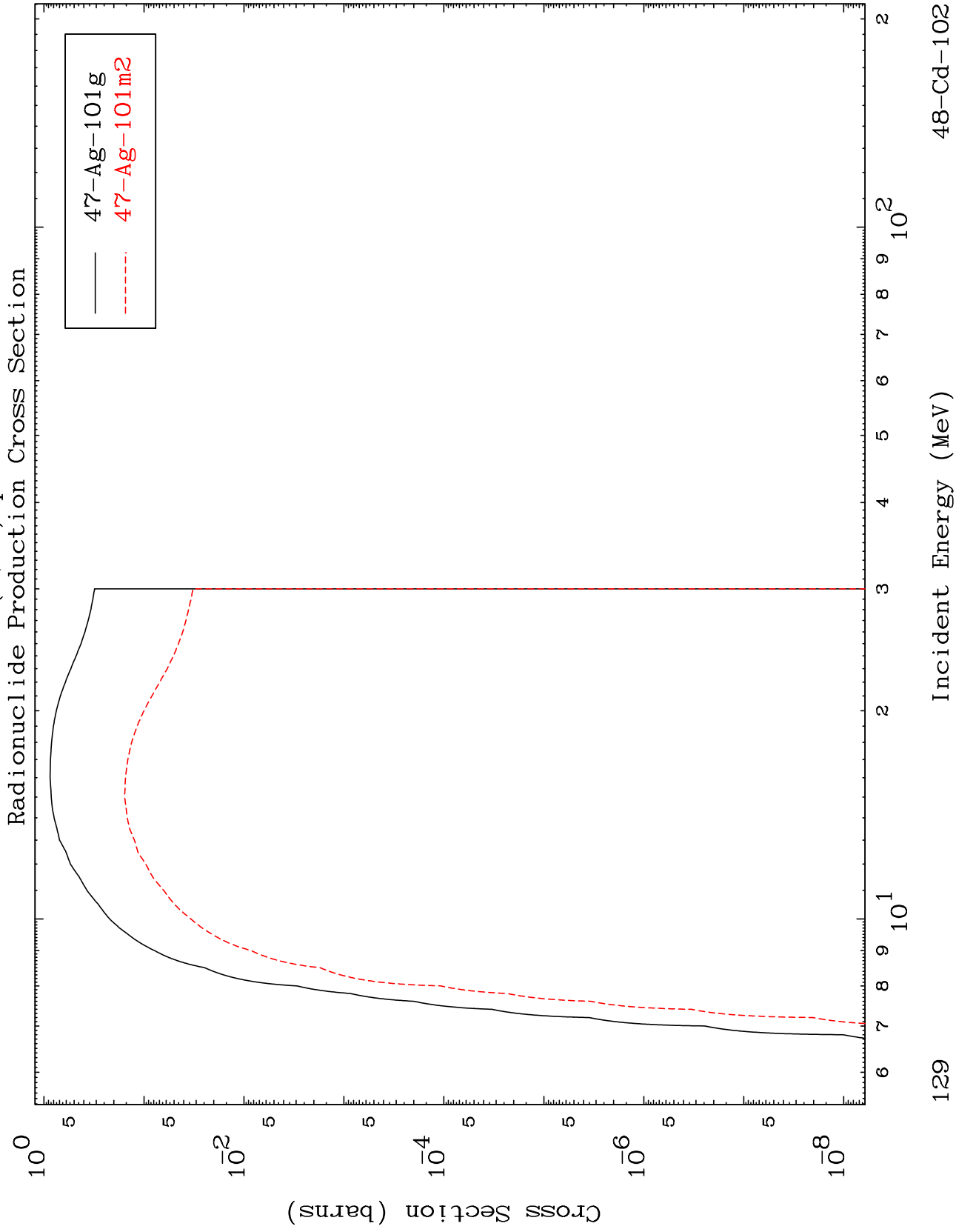
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') p

48-Cd-102



129

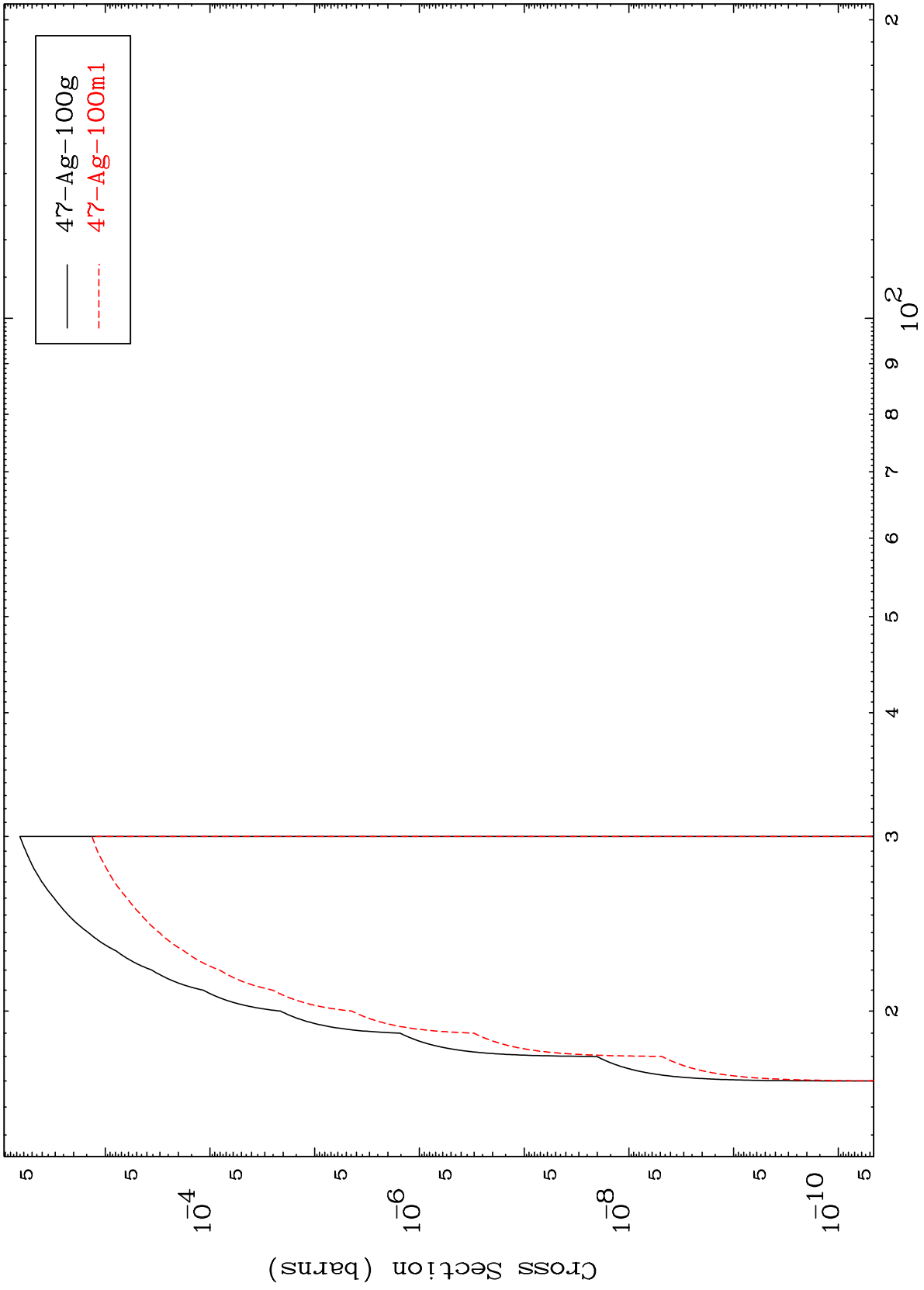
48-Cd-102

MAT 4813

(n,n') d

48-Cd-102

Radionuclide Production Cross Section



130

Incident Energy (MeV)

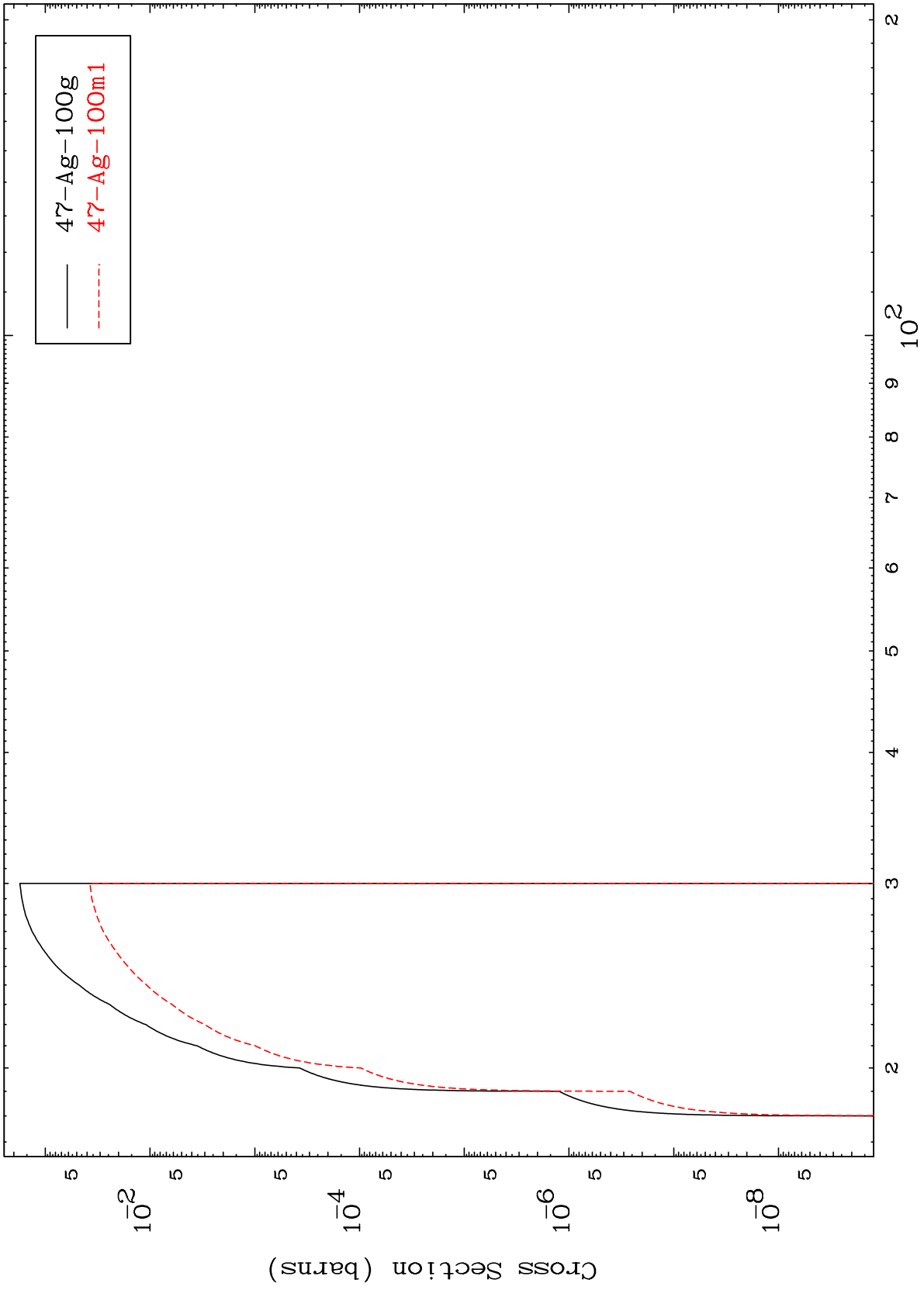
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



132

Incident Energy (MeV)

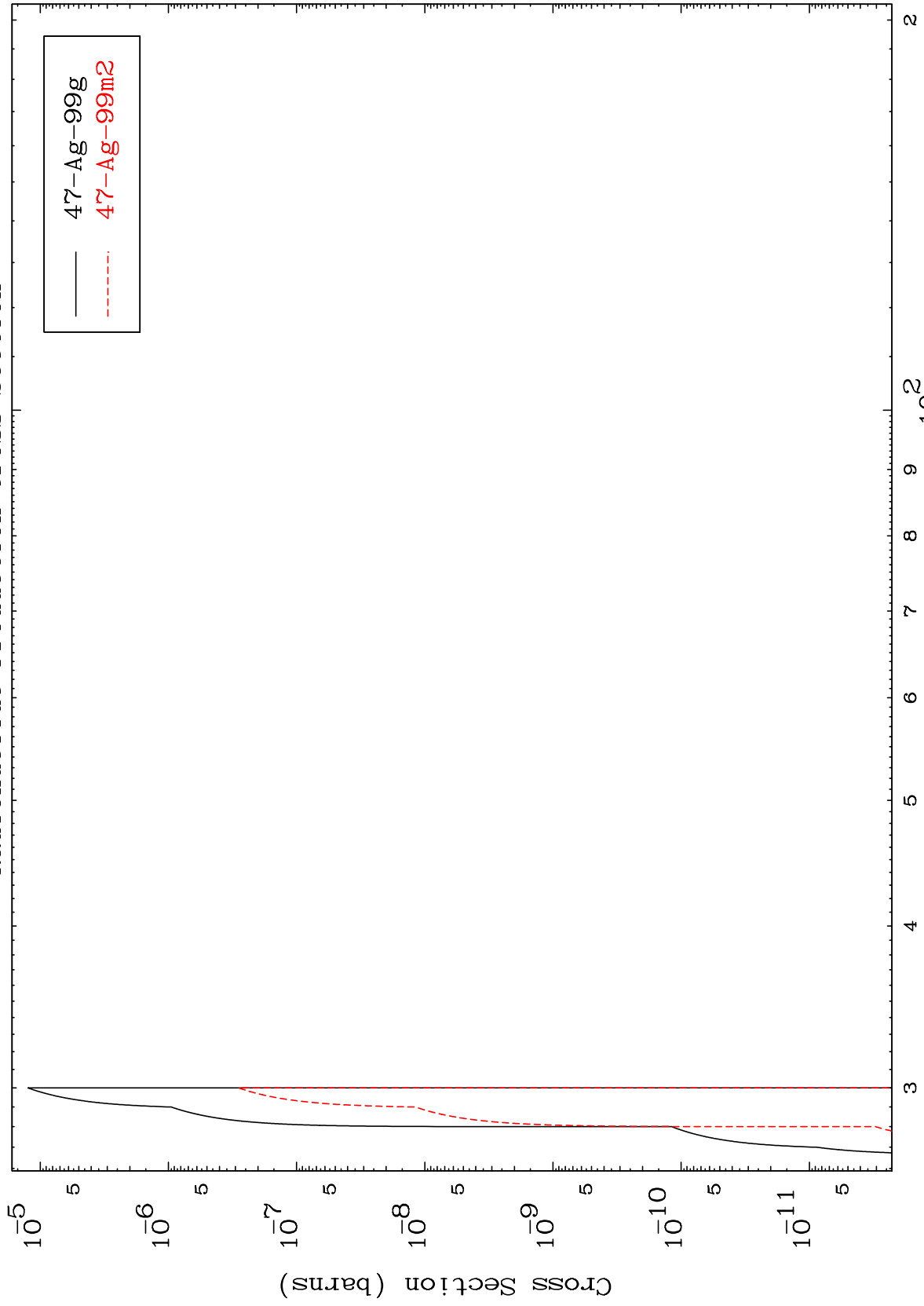
48-Cd-102

MAT 4813

(n,3n) p

48-Cd-102

Radionuclide Production Cross Section



133

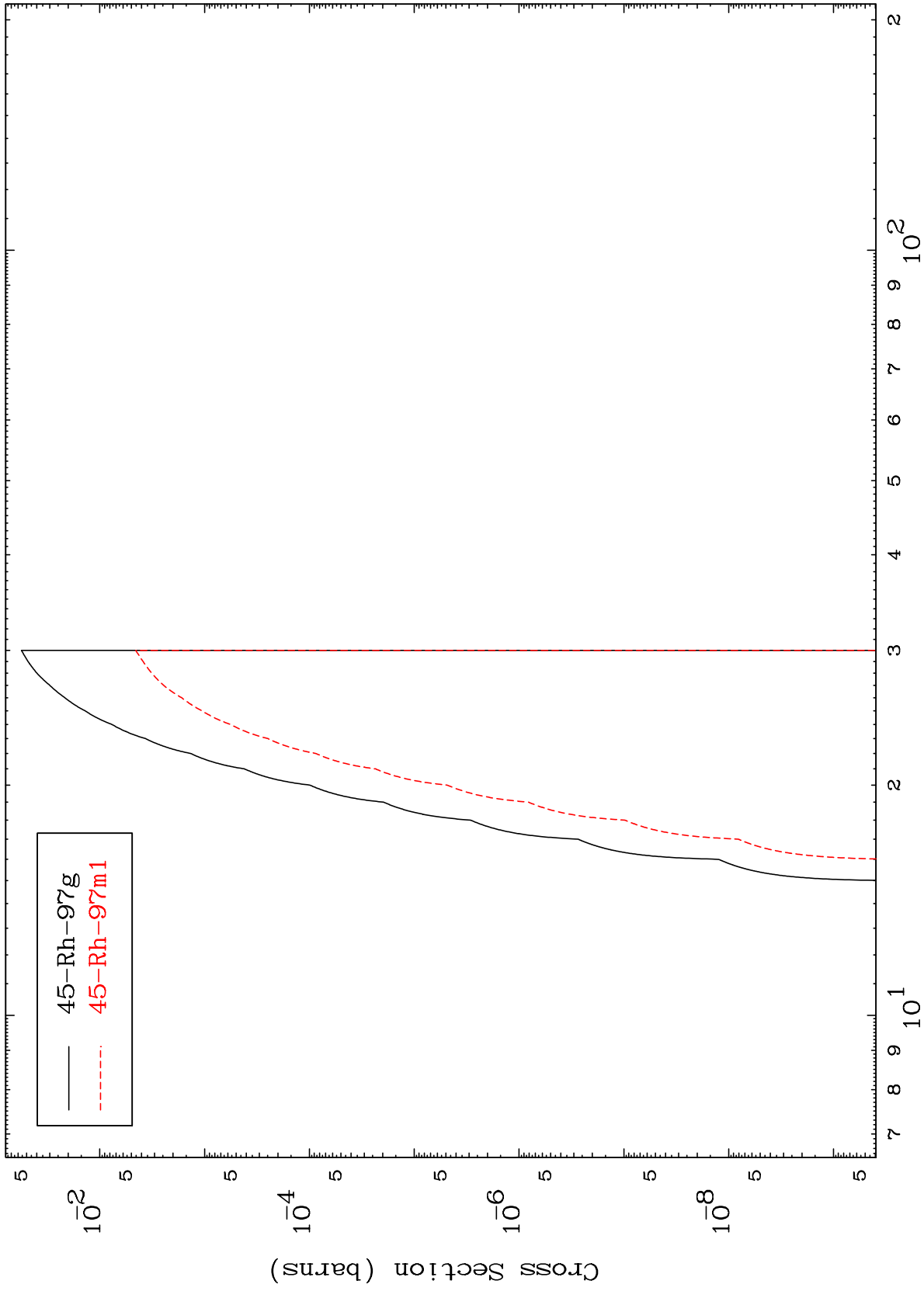
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,n') p α
Radionuclide Production Cross Section



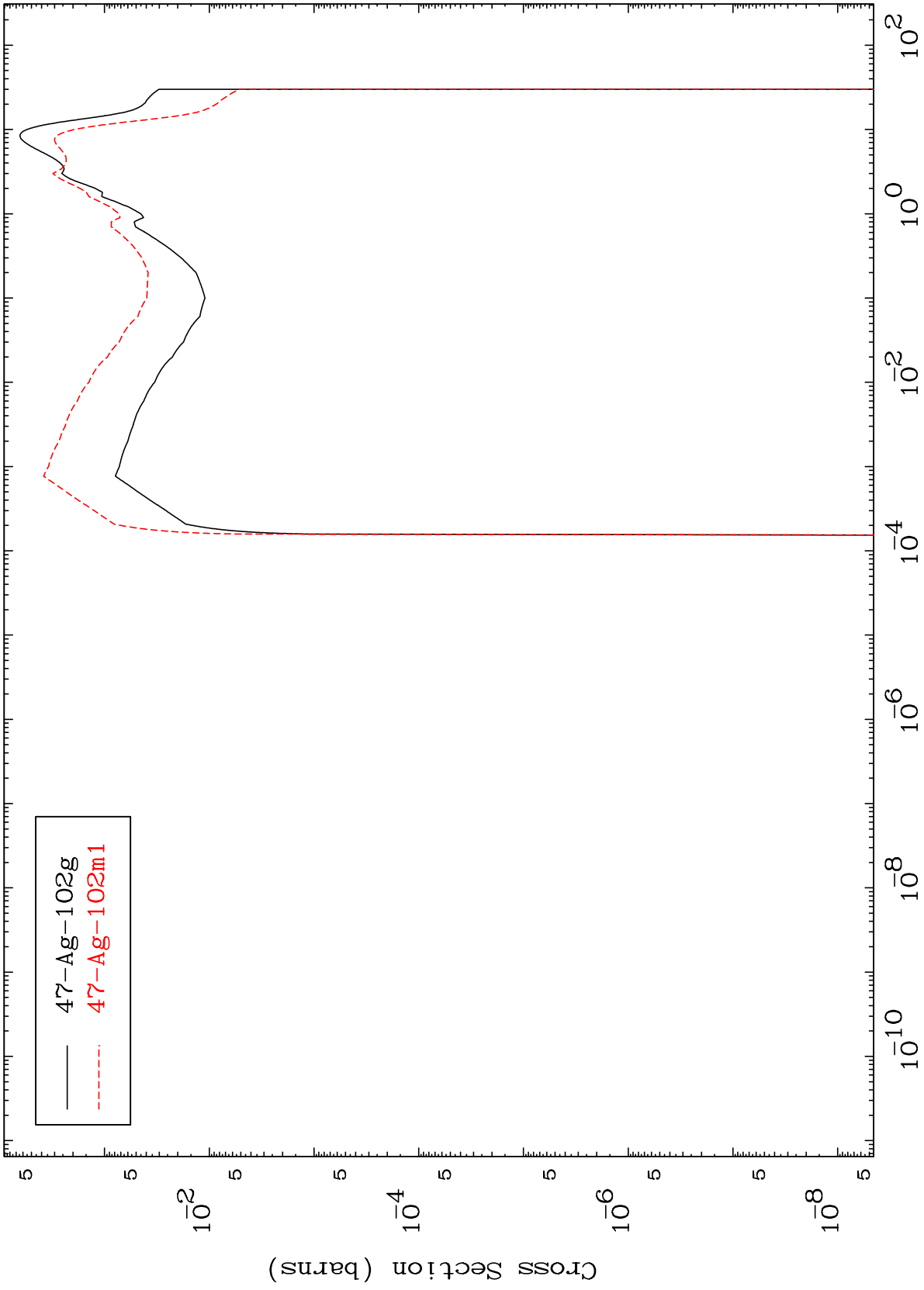
134

48-Cd-102

MAT 4813

(n,p)
Radionuclide Production Cross Section

48-Cd-102



47-Ag-102g
47-Ag-102m1

135

Incident Energy (MeV)

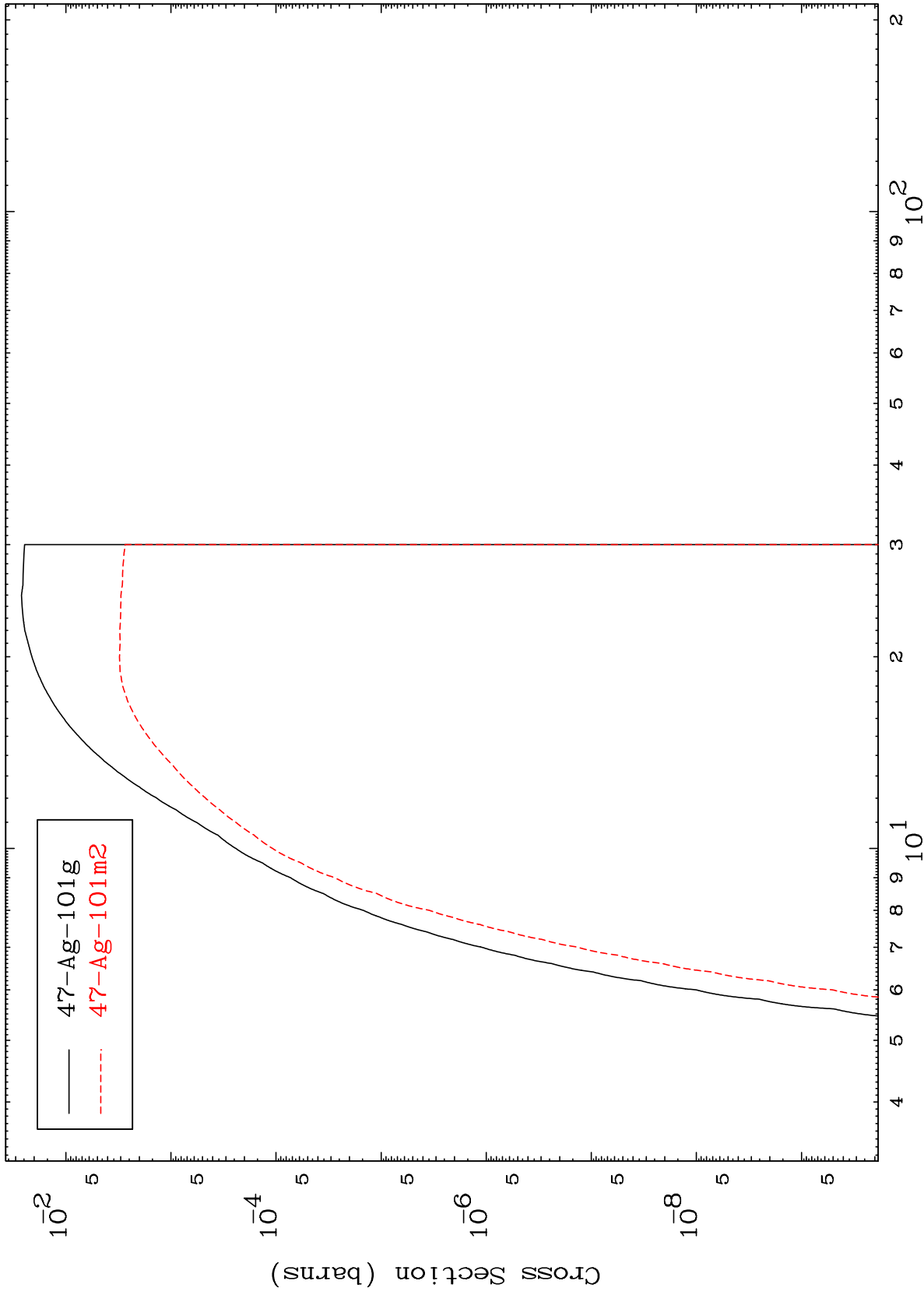
48-Cd-102

MAT 4813

(n,d)

48-Cd-102

Radionuclide Production Cross Section



136

48-Cd-102

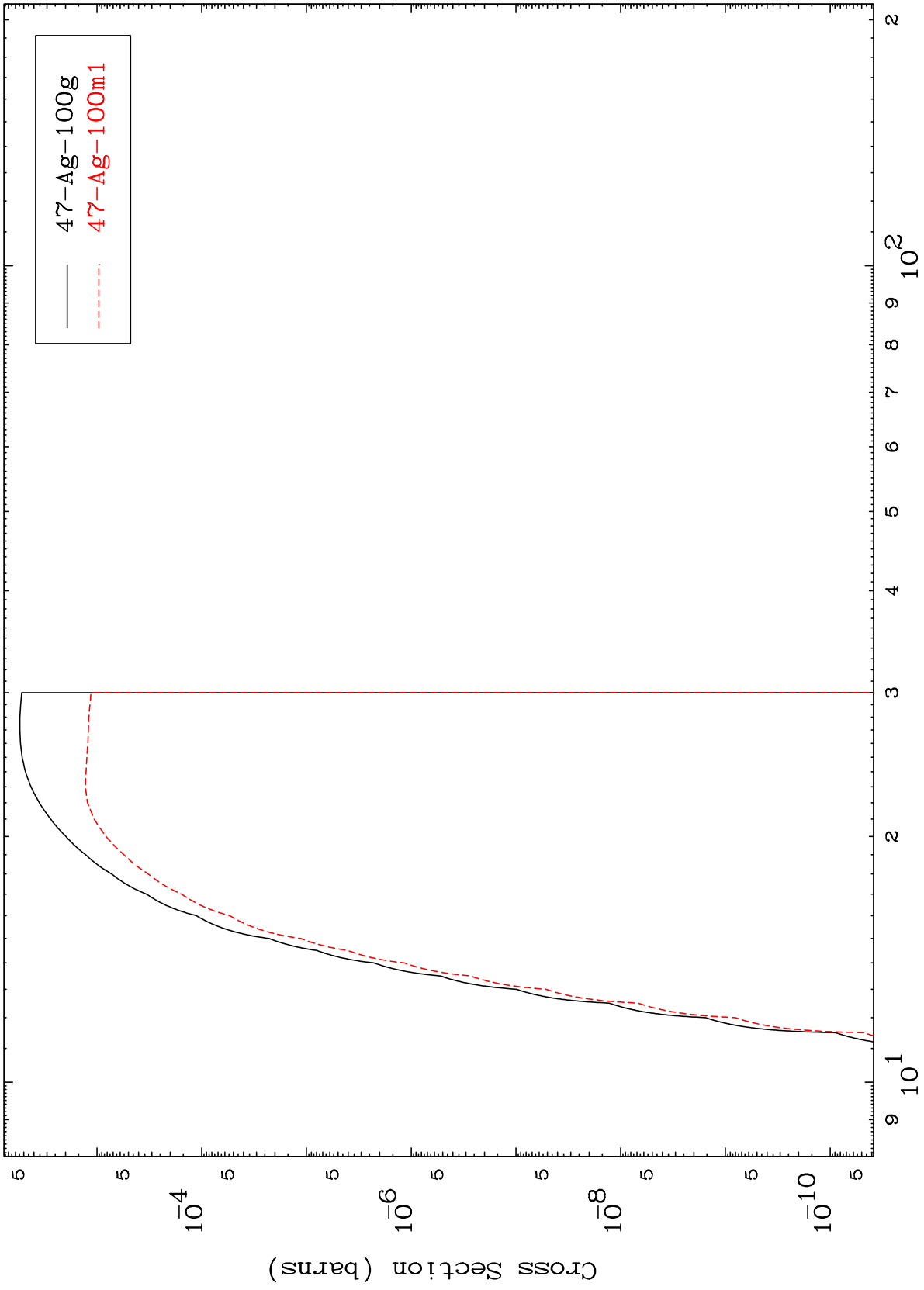
48-Cd-102

MAT 4813

(n, t)

48-Cd-102

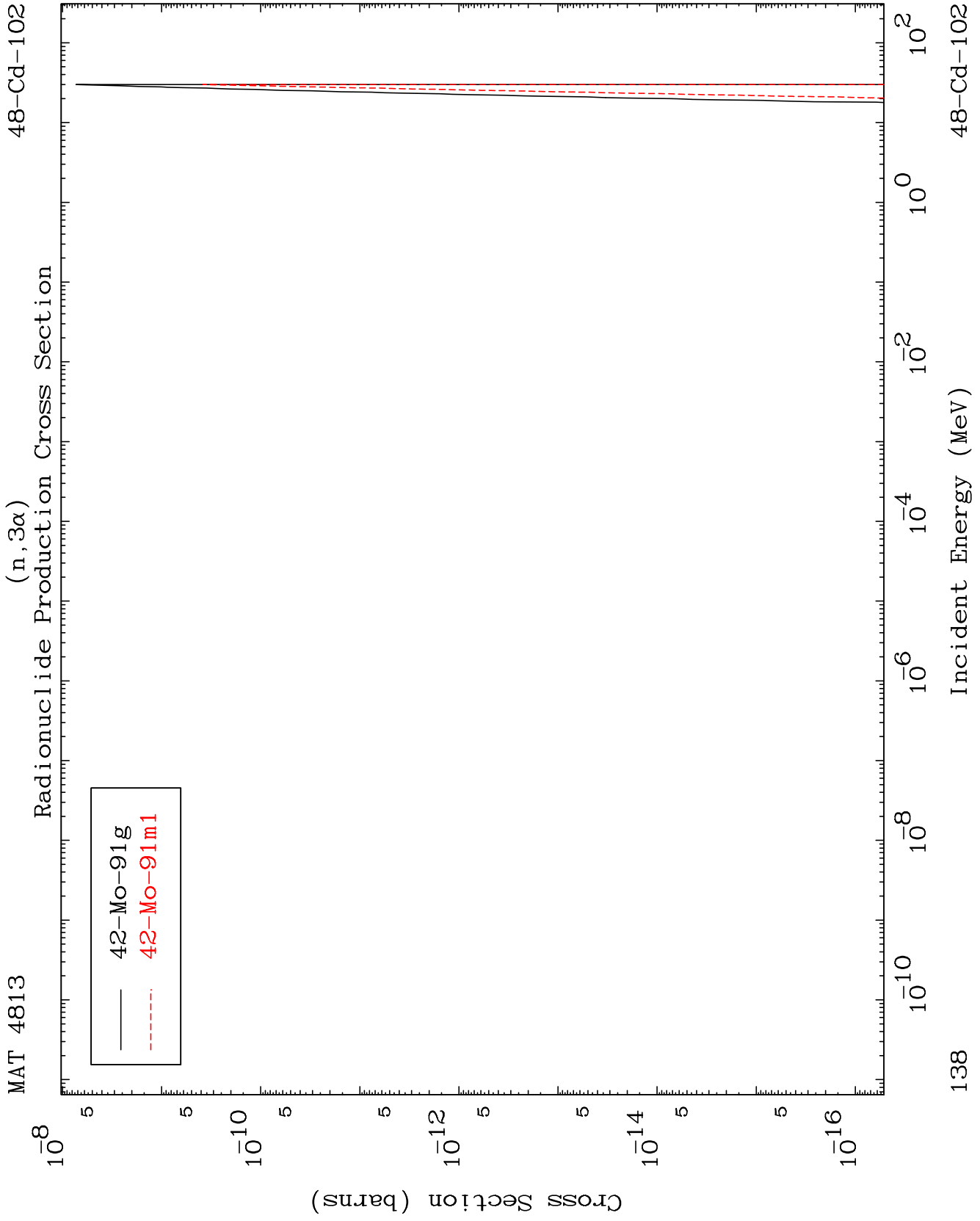
Radionuclide Production Cross Section



137

Incident Energy (MeV)

48-Cd-102

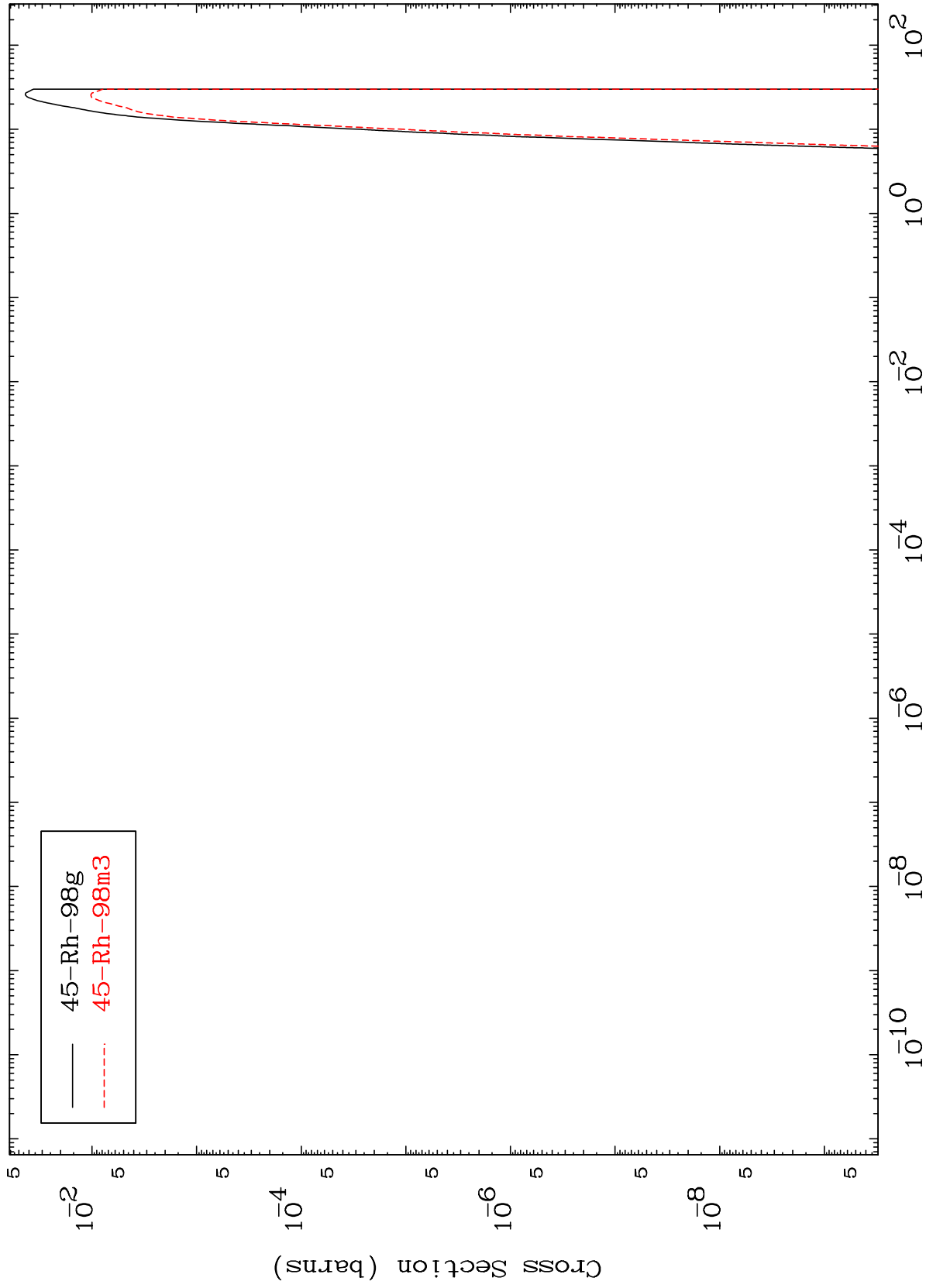


MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section



139

Incident Energy (MeV)

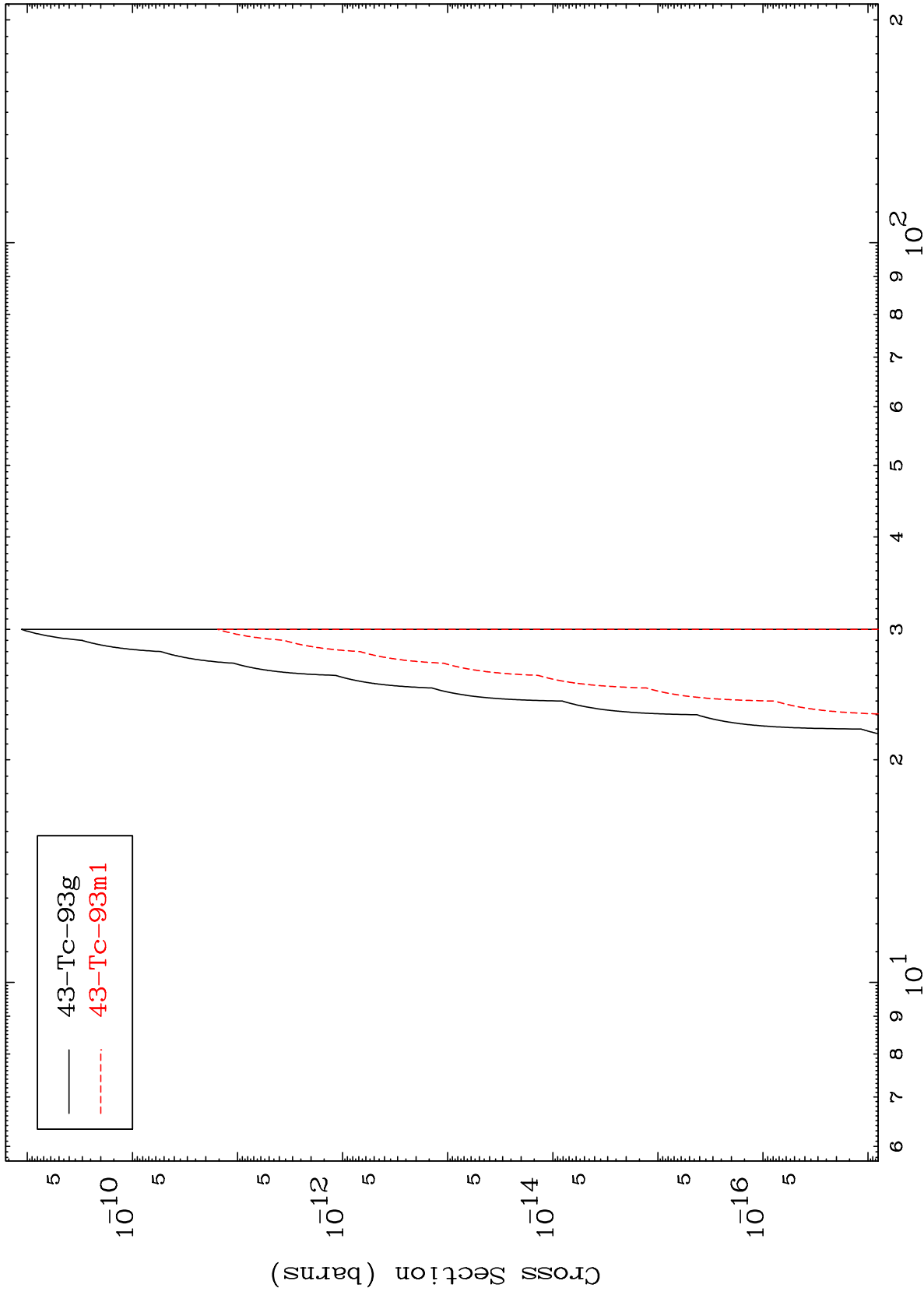
48-Cd-102

MAT 4813

(n,d) 2α

48-Cd-102

Radionuclide Production Cross Section



140

Incident Energy (MeV)

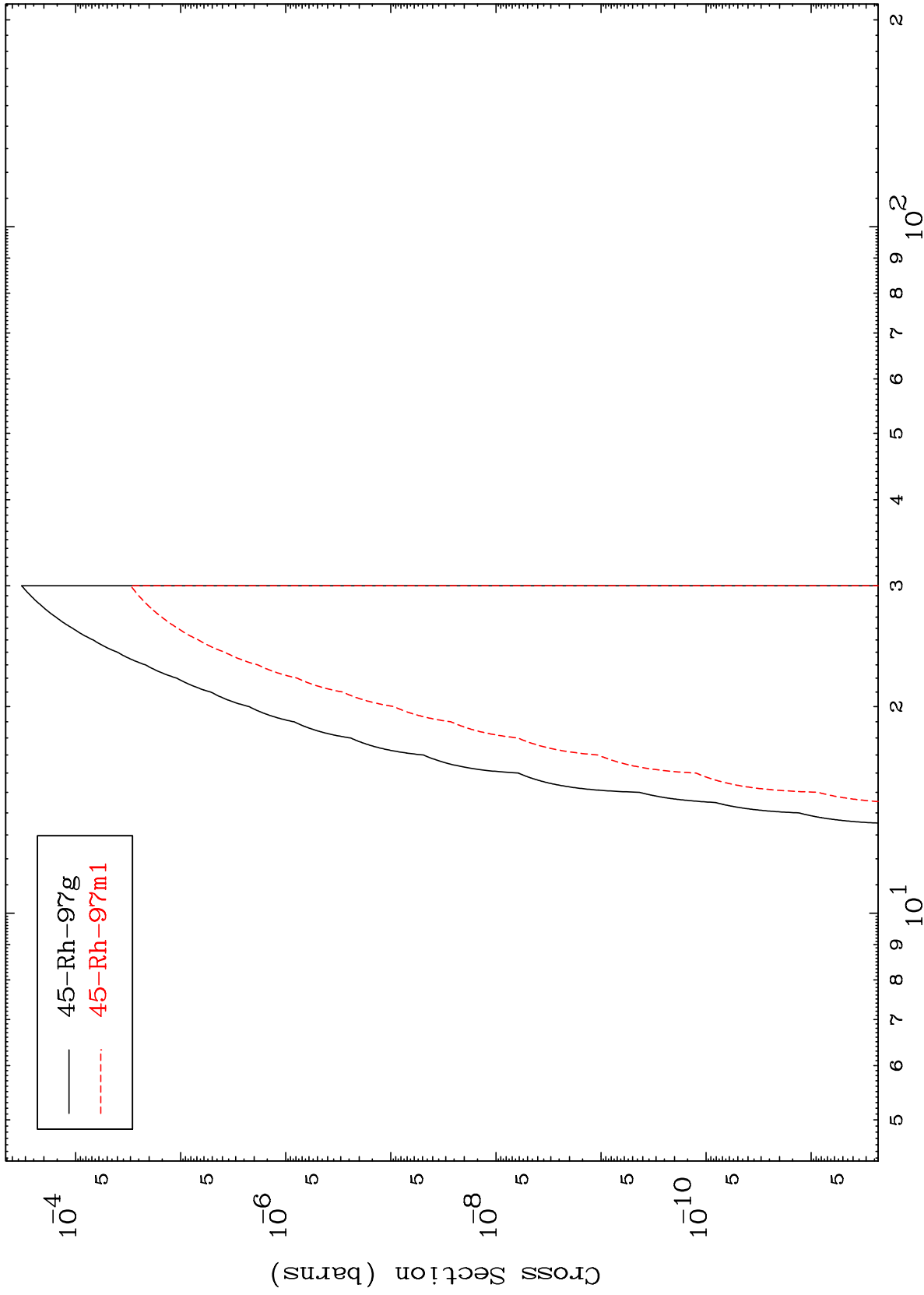
48-Cd-102

MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



141

Incident Energy (MeV)

48-Cd-102