

Program EVALPLOT
(Version 2017-1)

by

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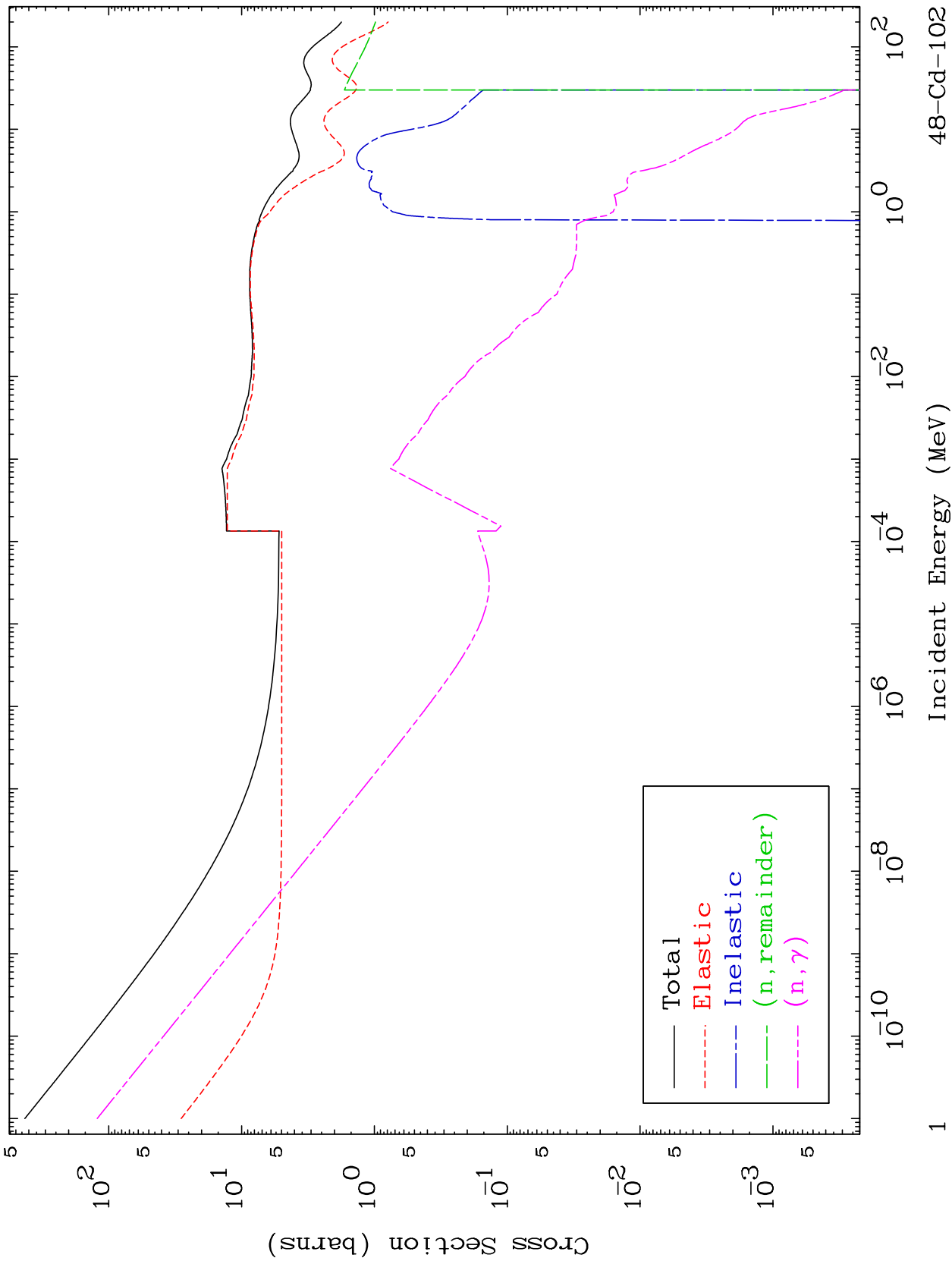
Press Mouse Button to Start

MAT 4813

Major

293 Kelvin Cross Sections

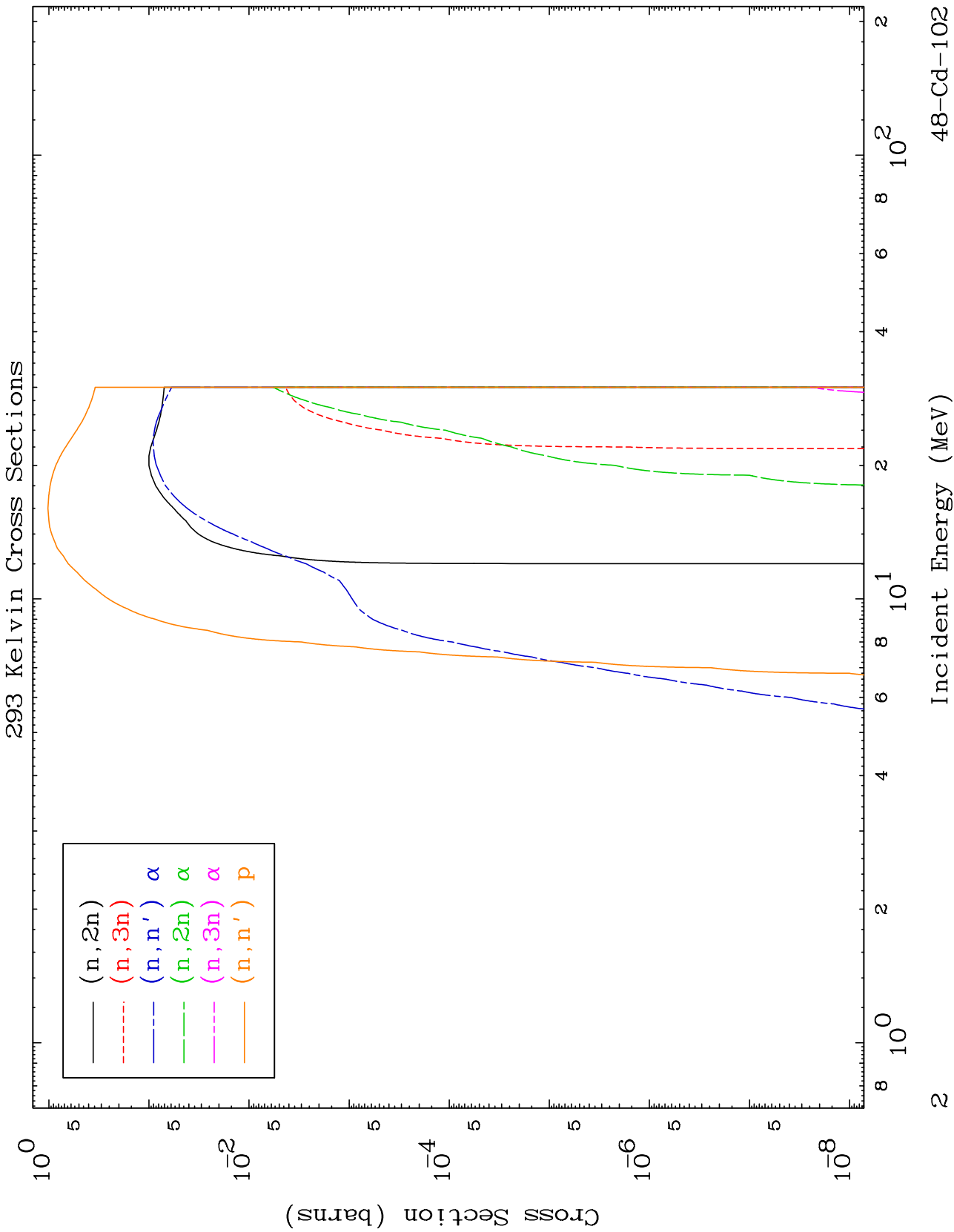
48-Cd-102



MAT 4813

Neutron Production

48-Cd-102



2

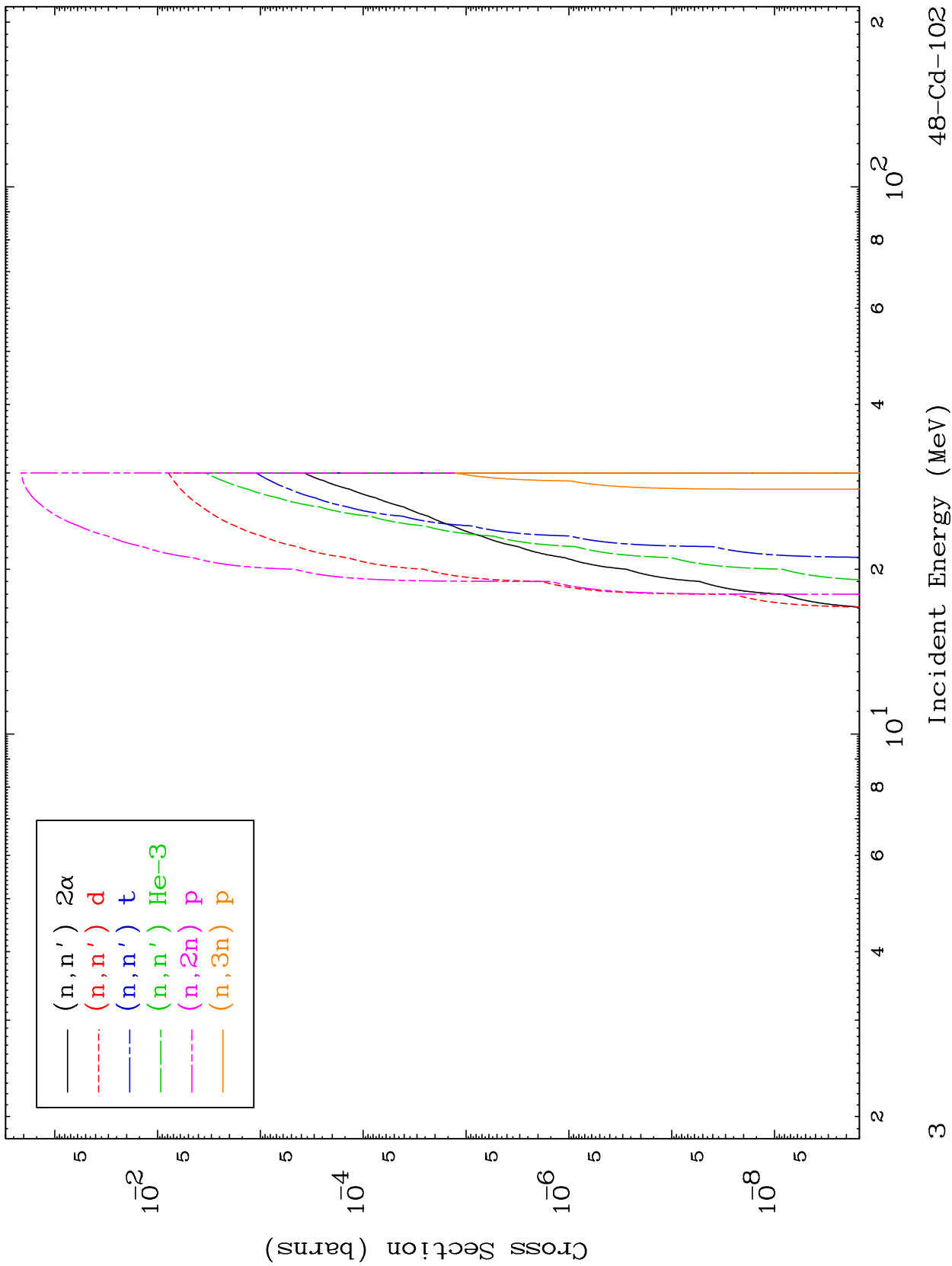
Incident Energy (MeV)

48-Cd-102

MAT 4813

Neutron Production
293 Kelvin Cross Sections

48-Cd-102



3

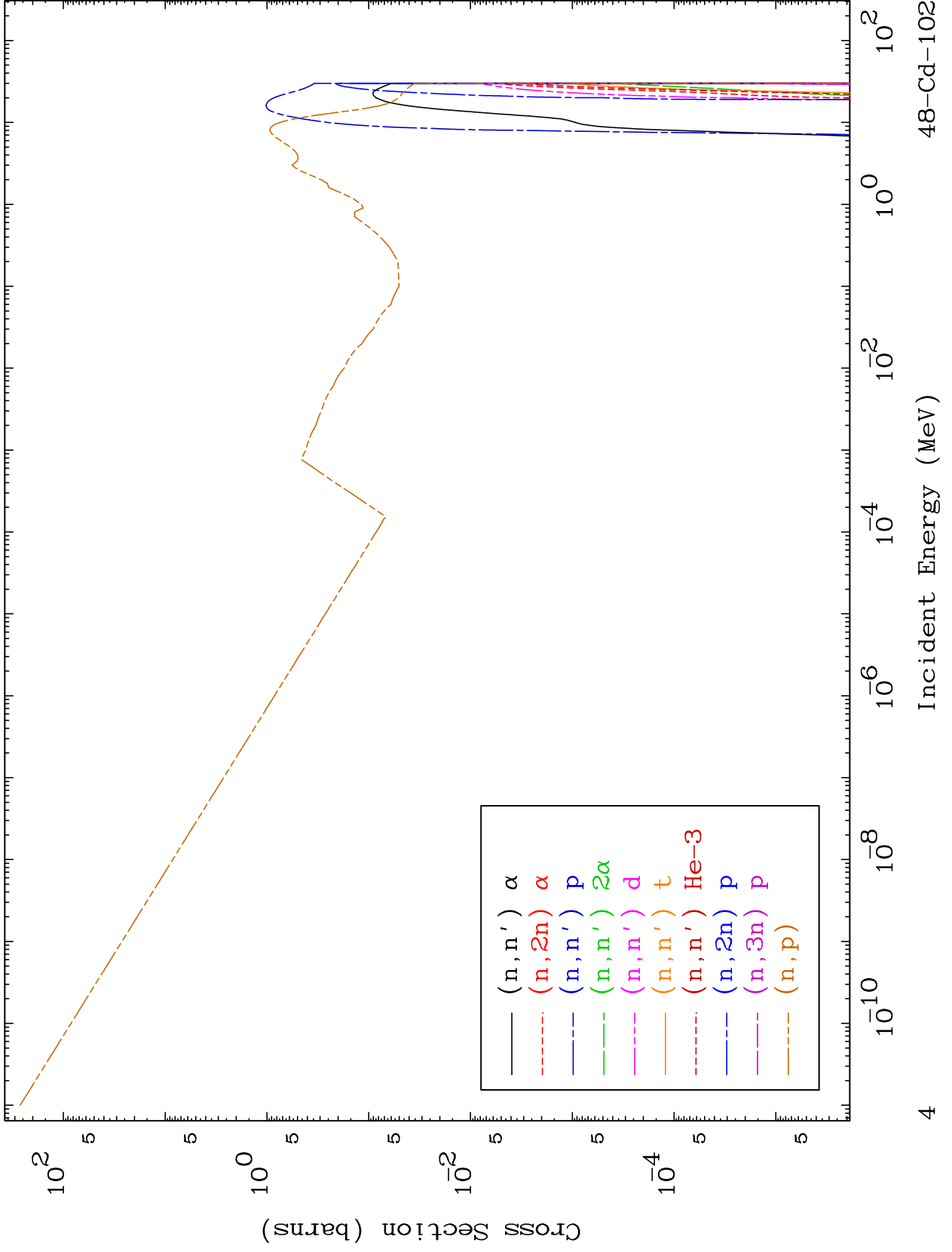
Incident Energy (MeV)

48-Cd-102

MAT 4813

Charged Particle
293 Kelvin Cross Sections

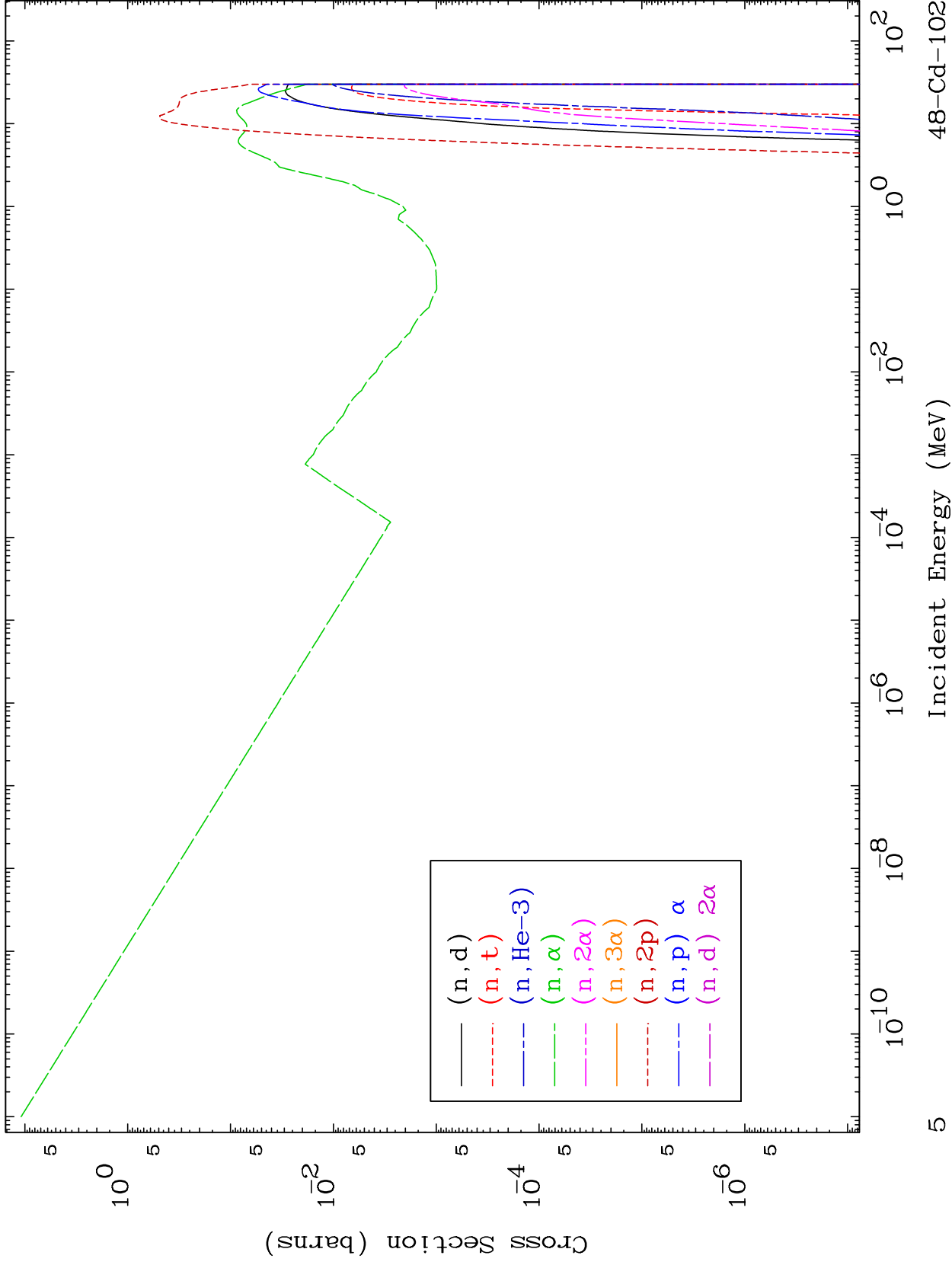
48-Cd-102



MAT 4813

Charged Particle
293 Kelvin Cross Sections

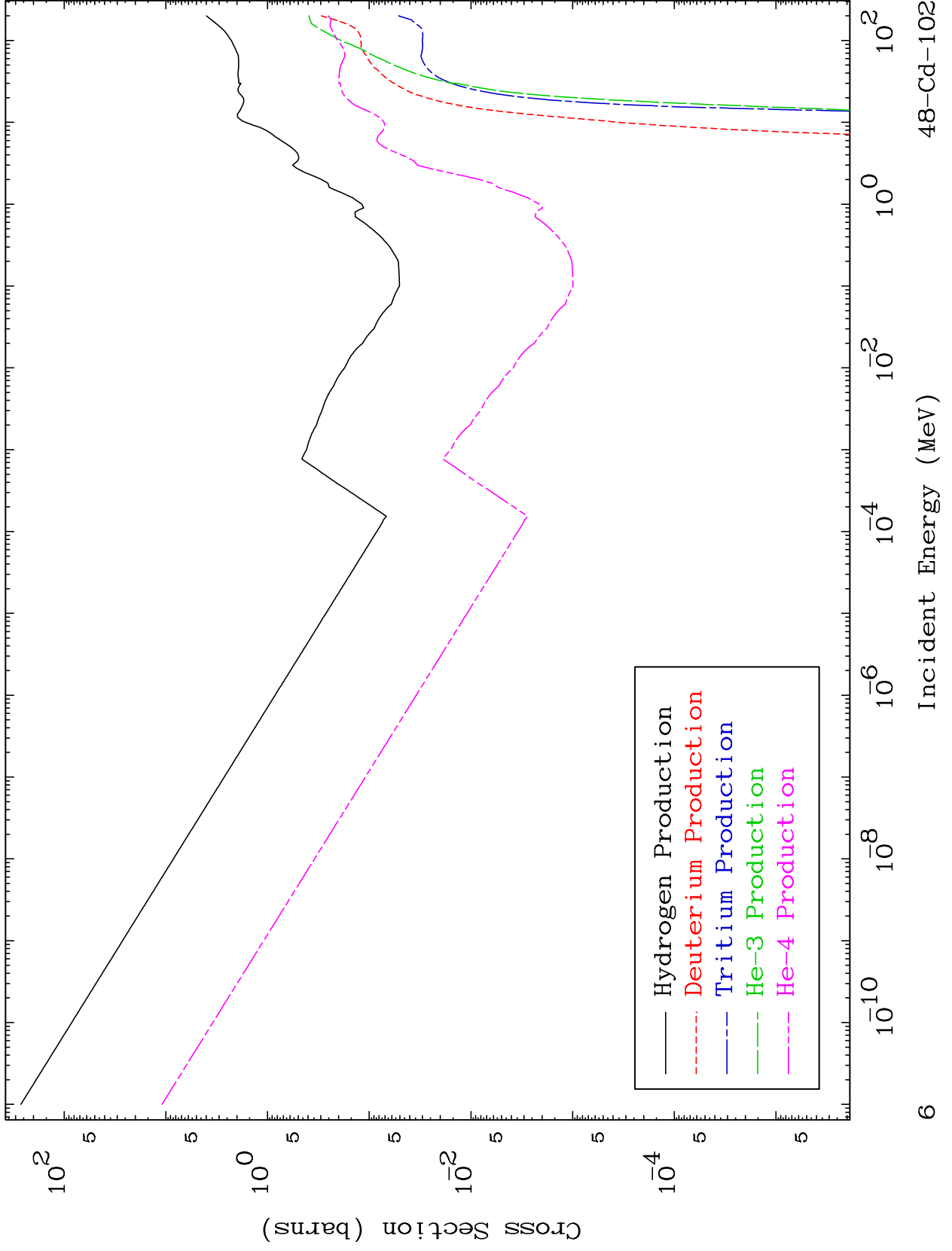
48-Cd-102



MAT 4813

Particle Production
293 Kelvin Cross Sections

48-Cd-102

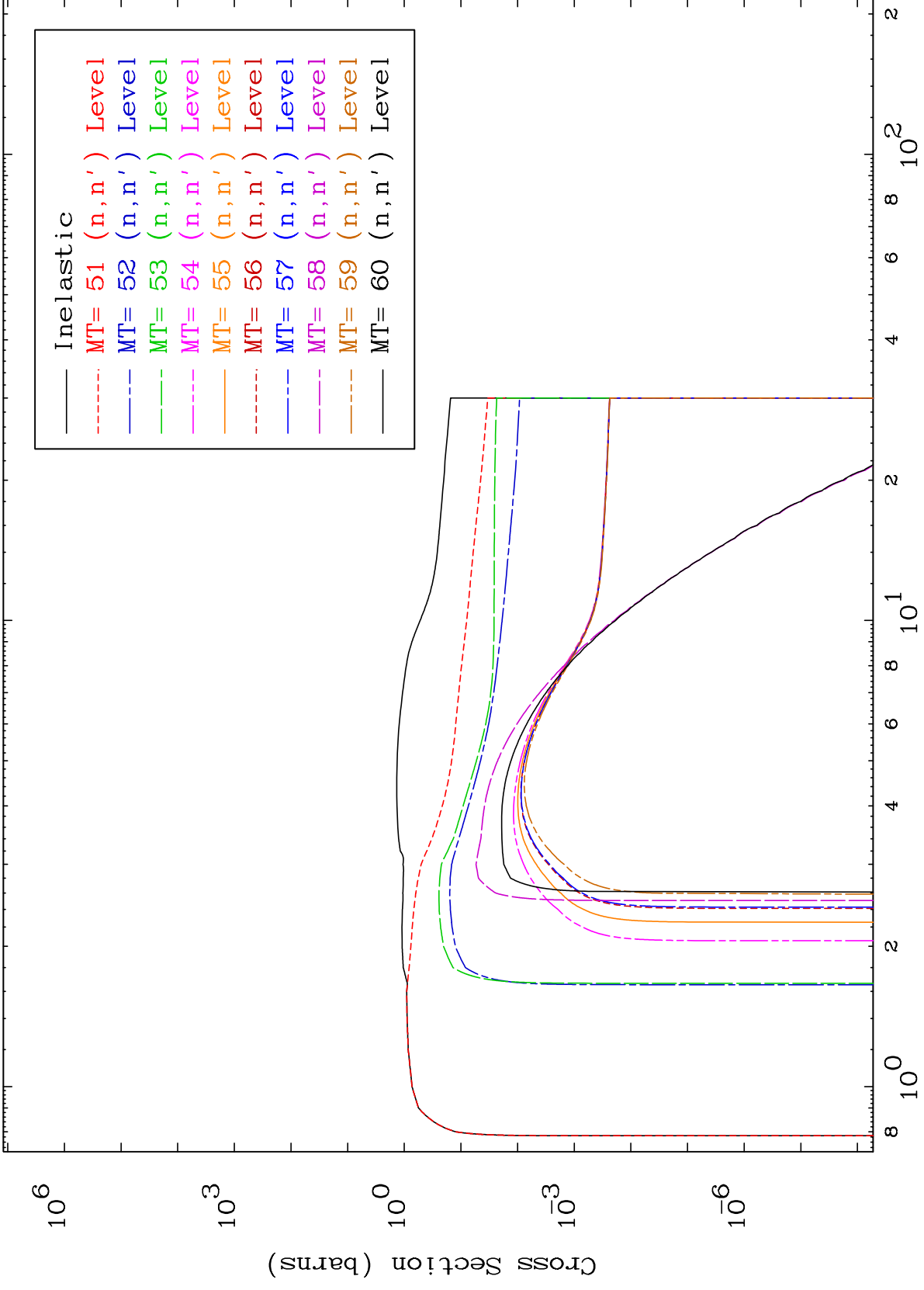


MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-102

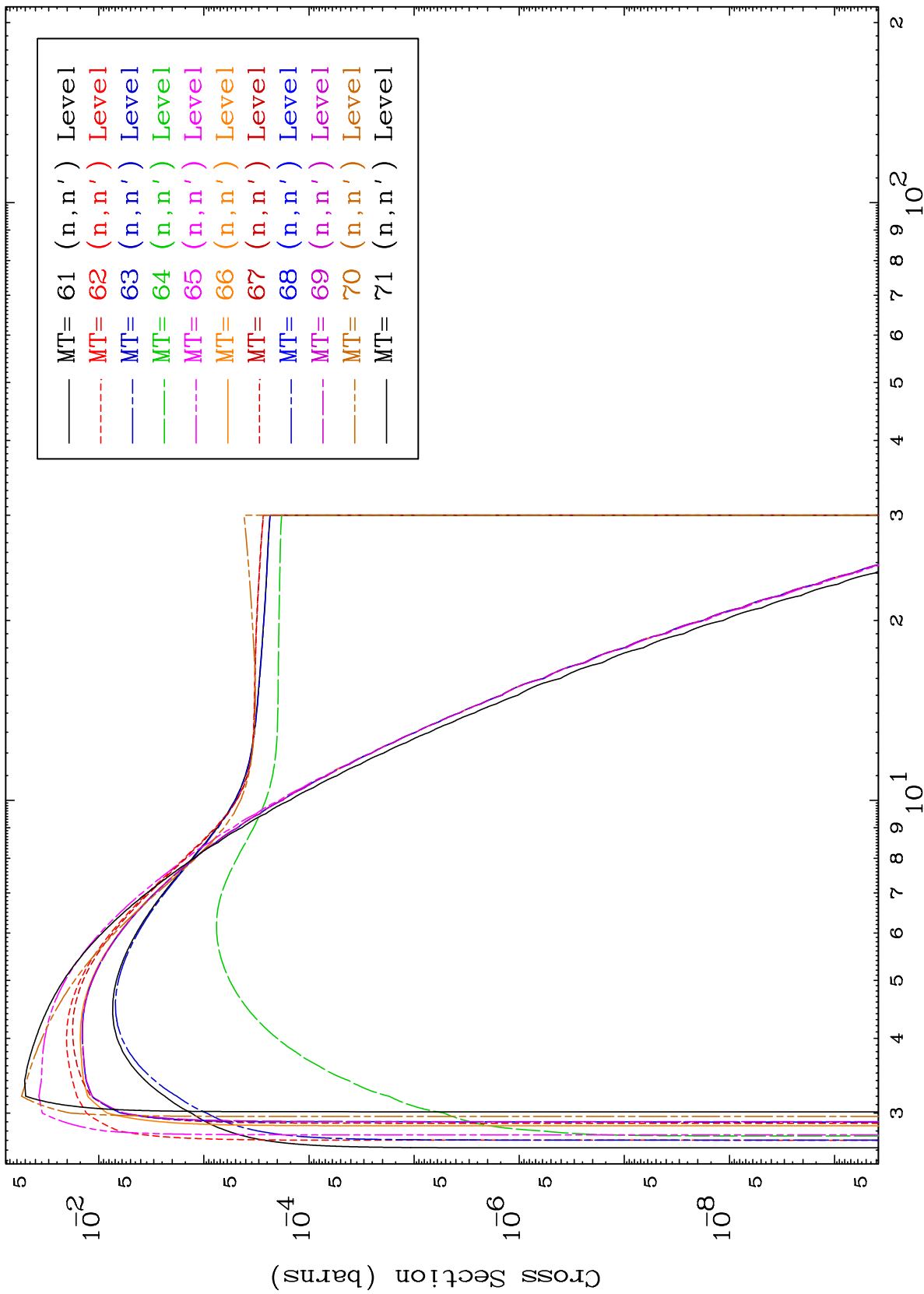
7

MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



8

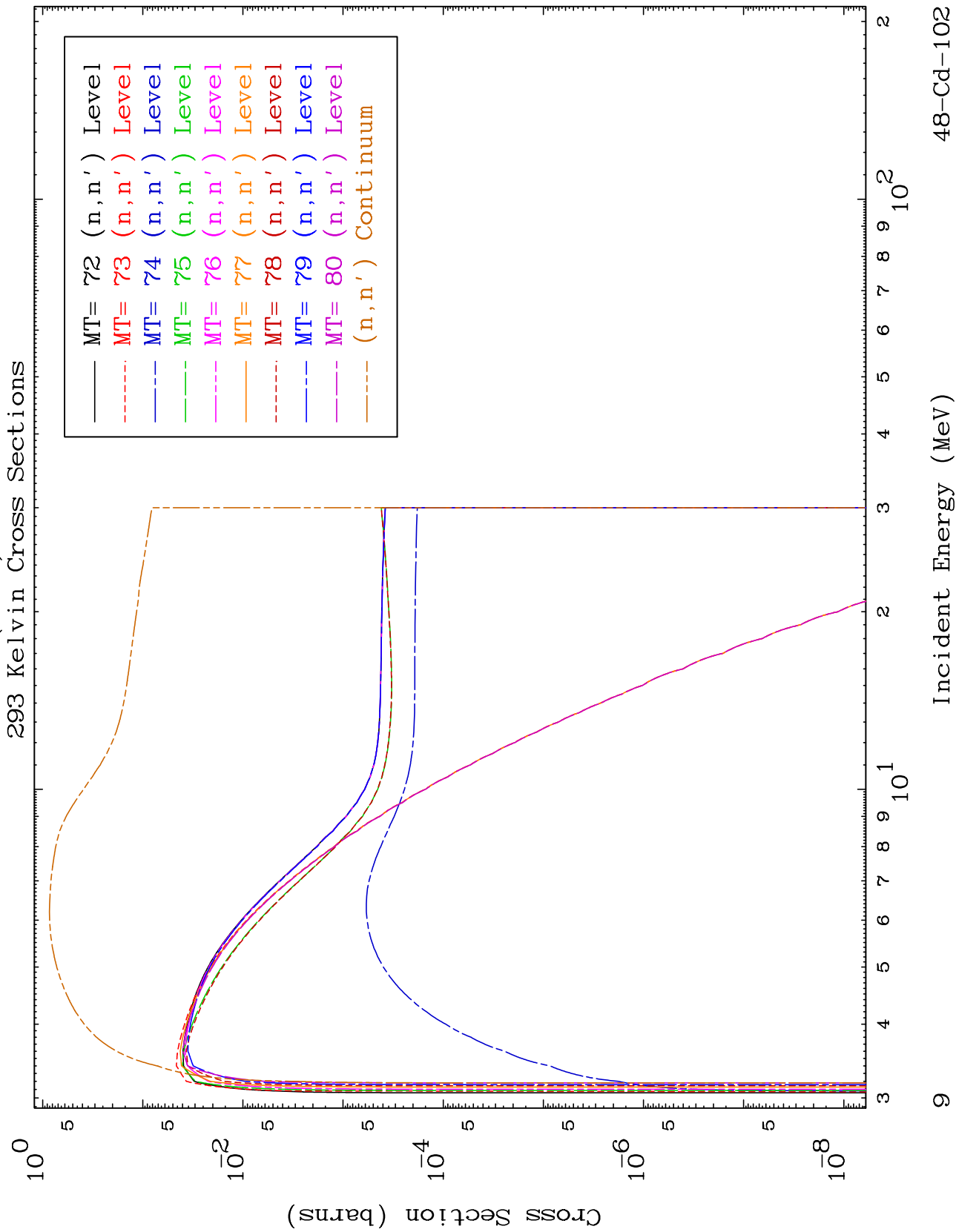
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') Level

48-Cd-102



48-Cd-102

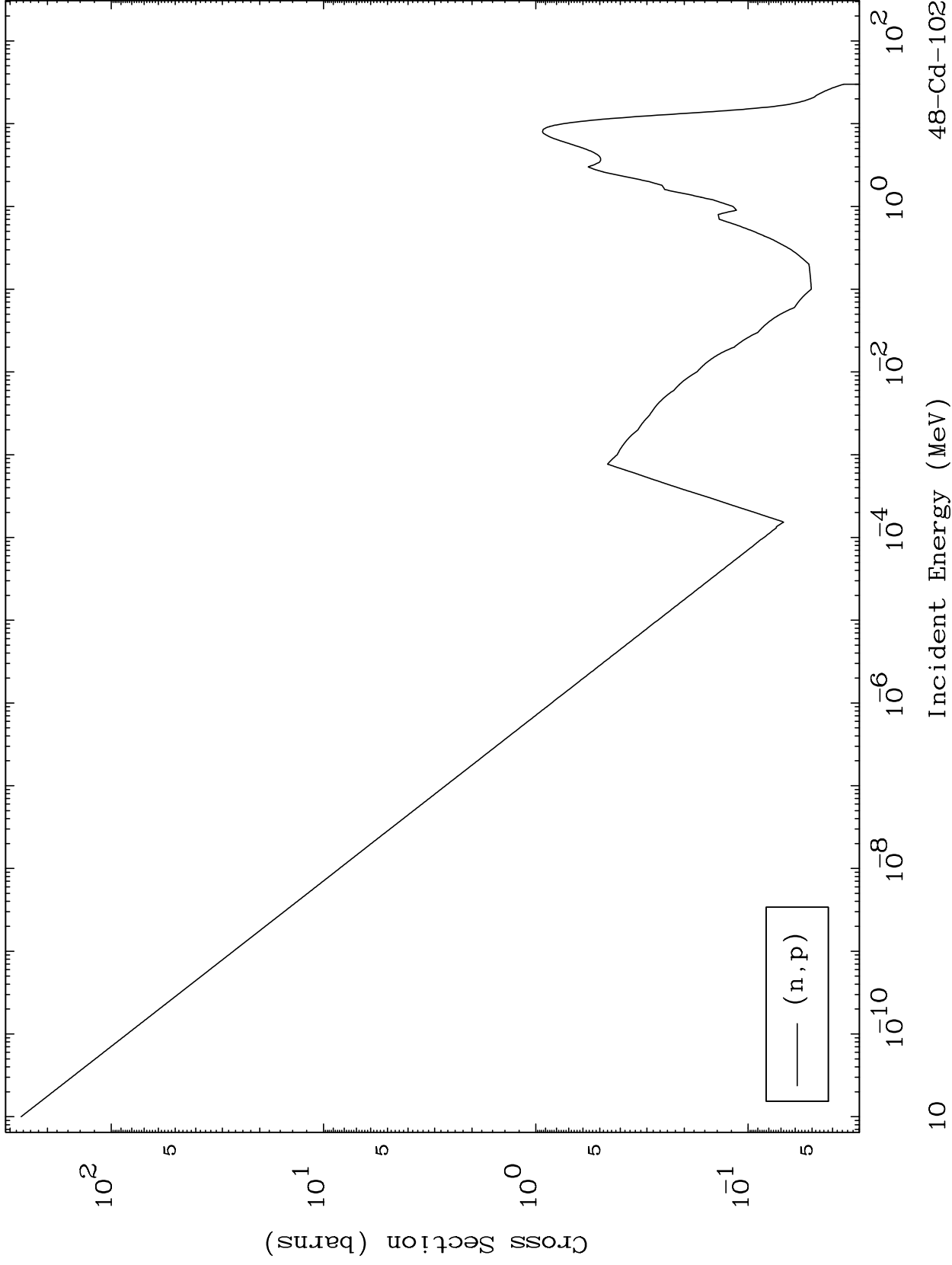
Incident Energy (MeV)

9

MAT 4813

(n,p) Levels
293 Kelvin Cross Sections

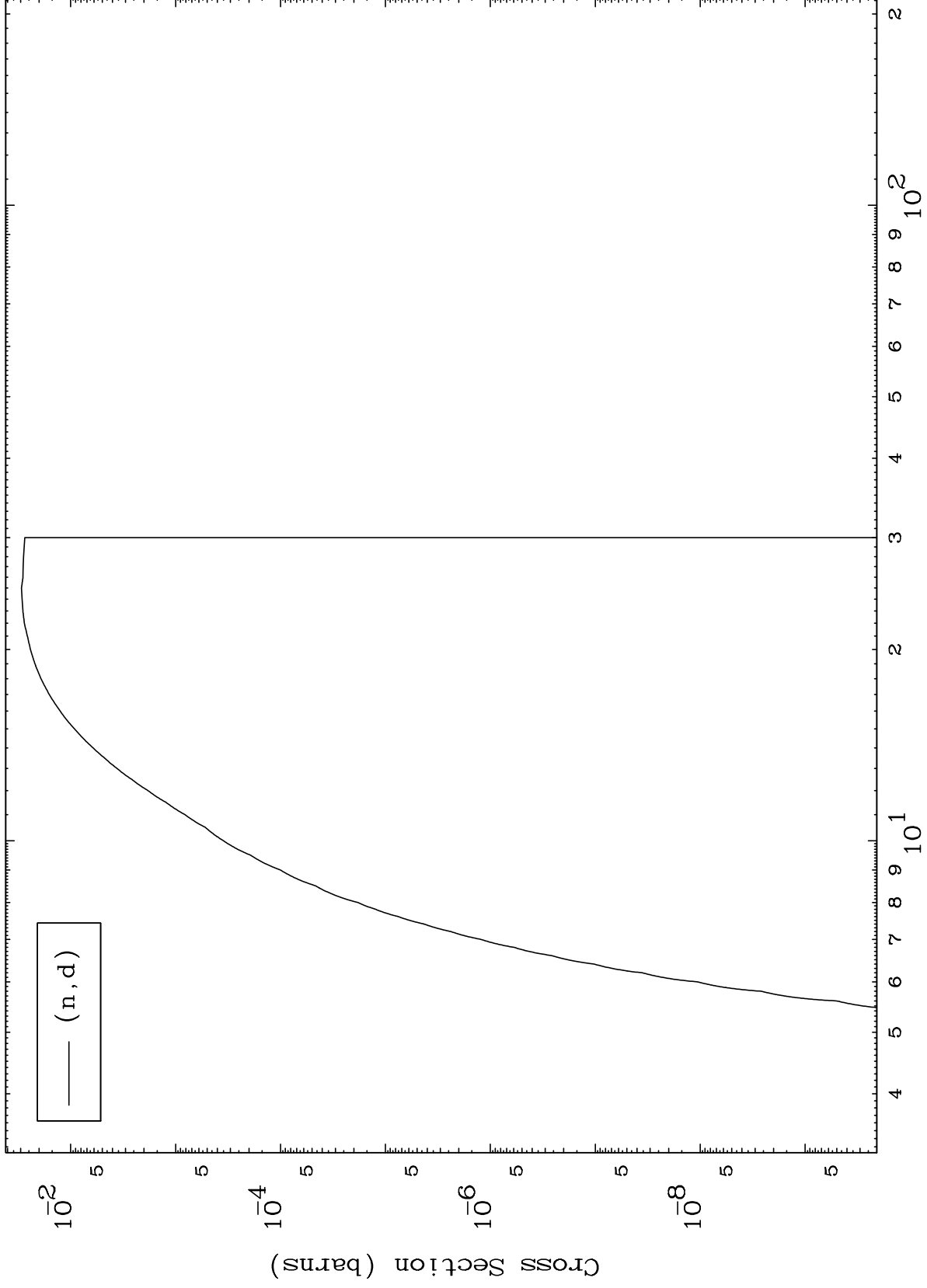
48-Cd-102



MAT 4813

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-102



11

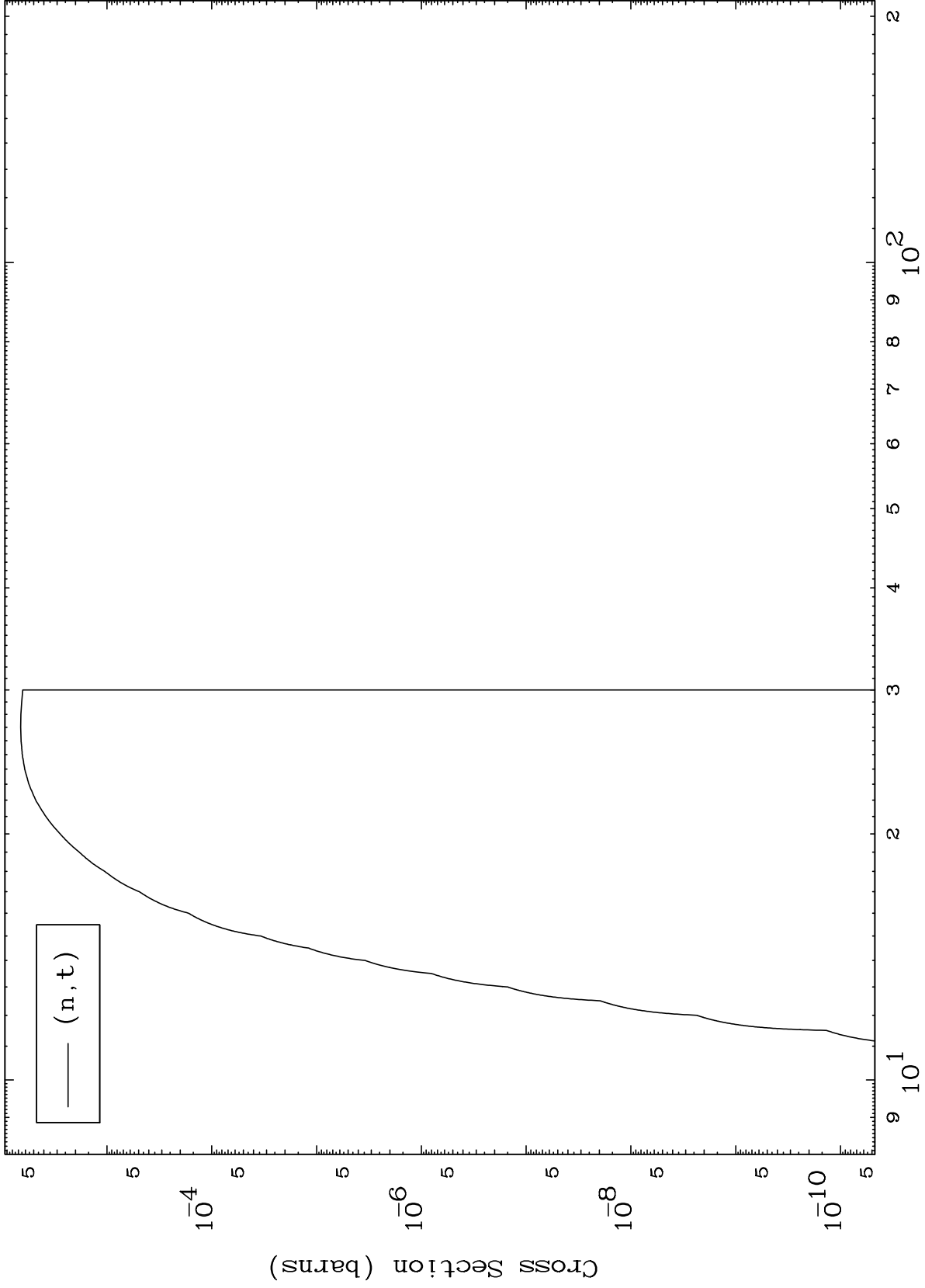
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-102



12

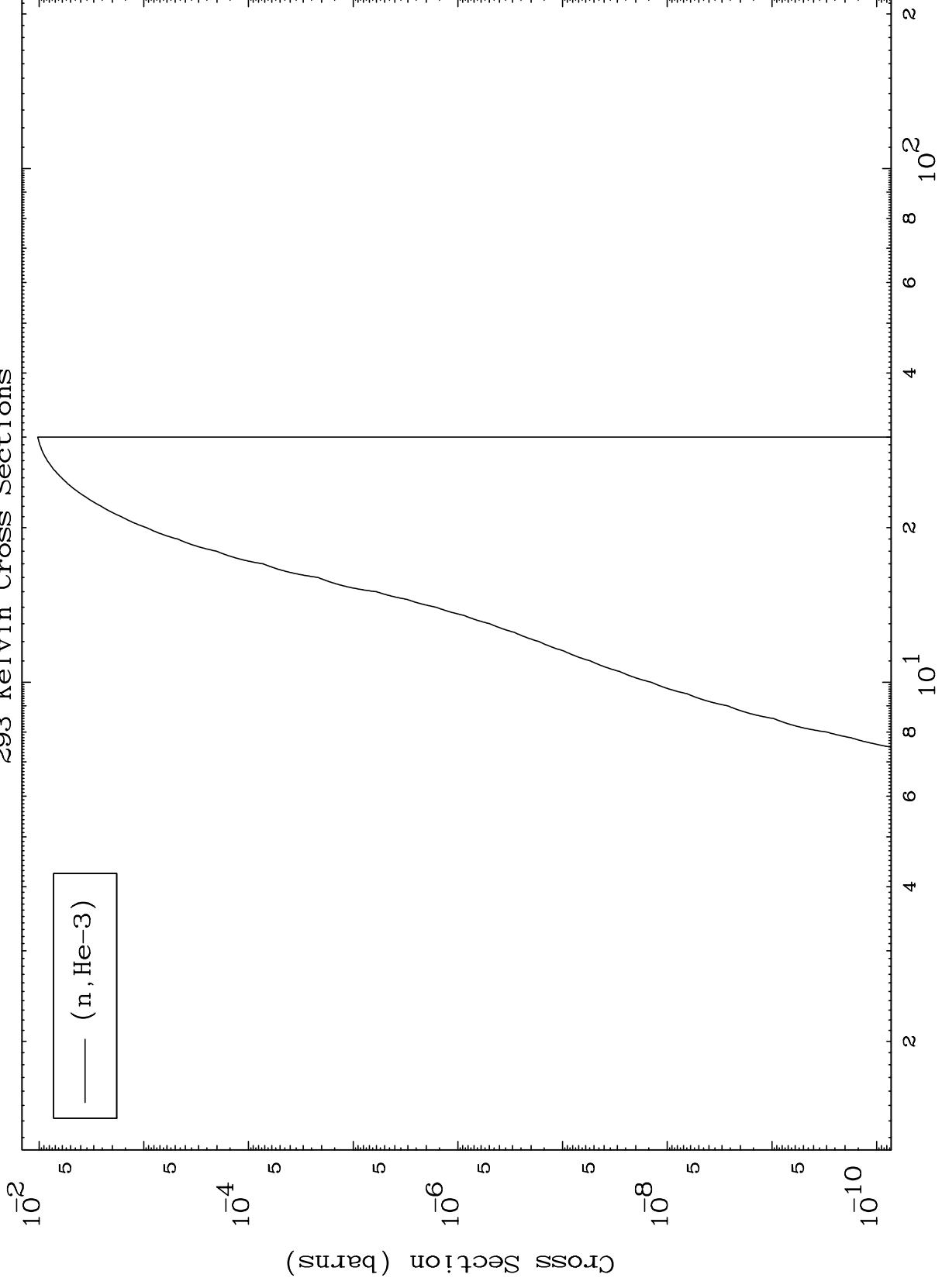
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,He3) Levels
293 Kelvin Cross Sections

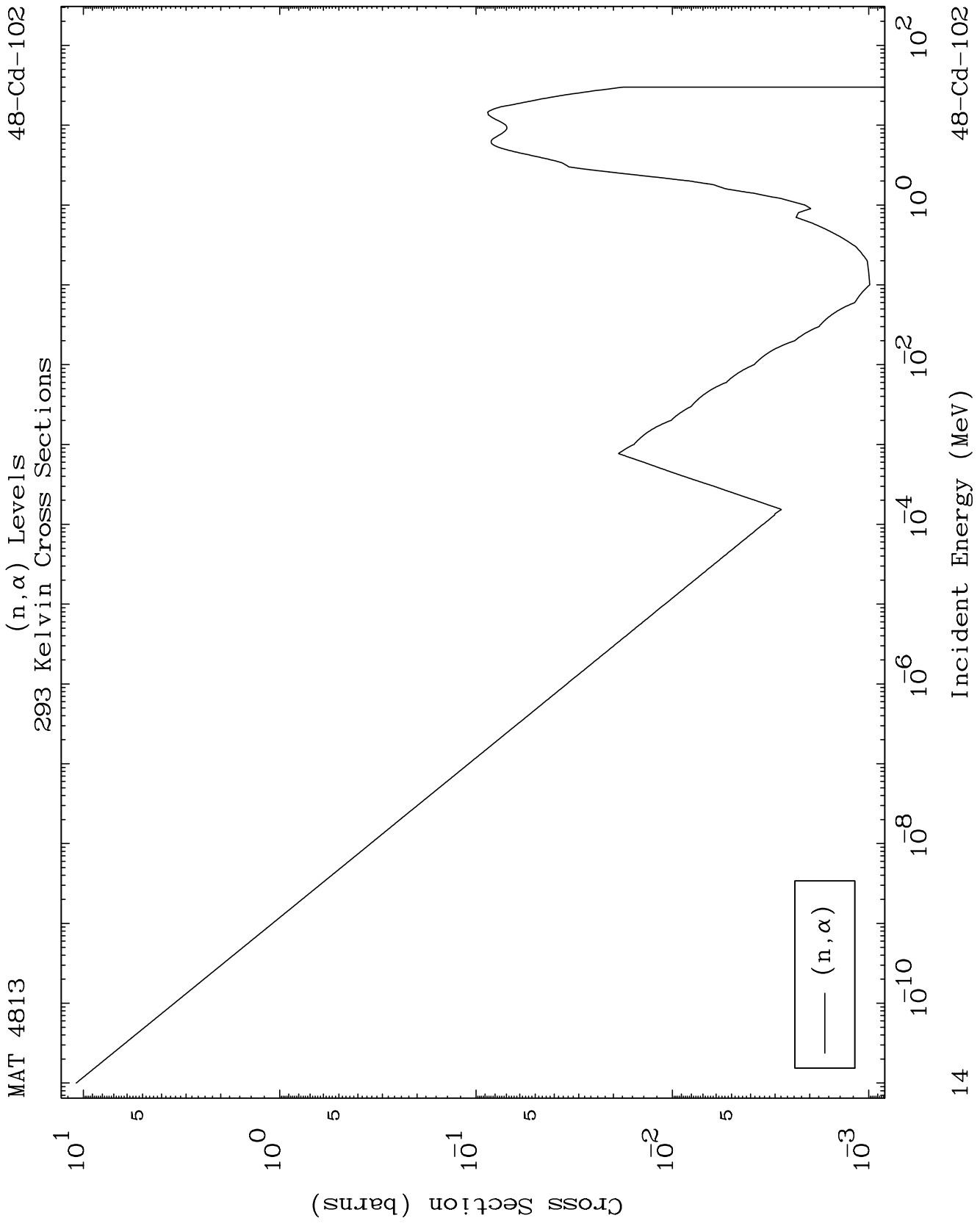
48-Cd-102

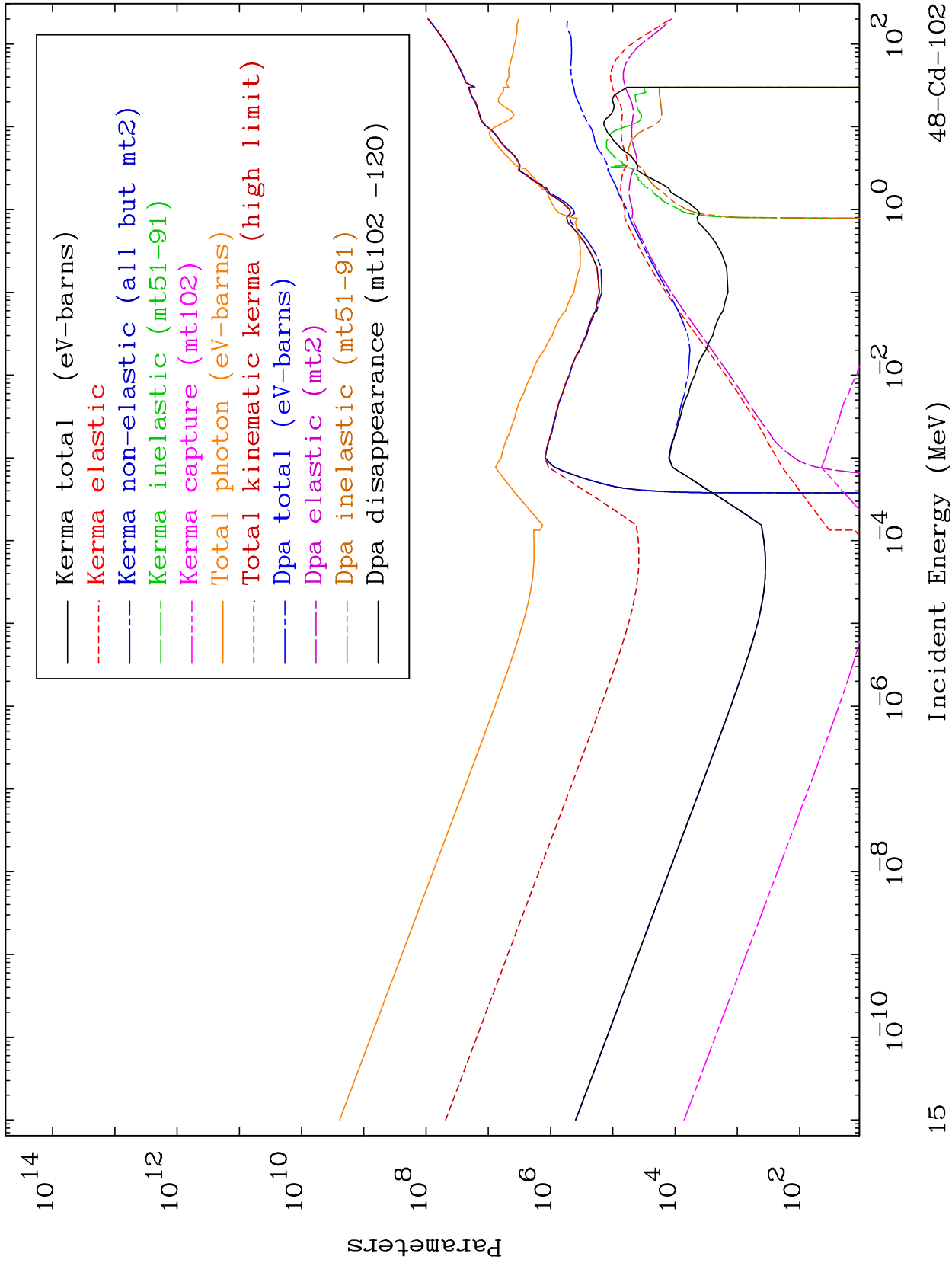


13

Incident Energy (MeV)

48-Cd-102

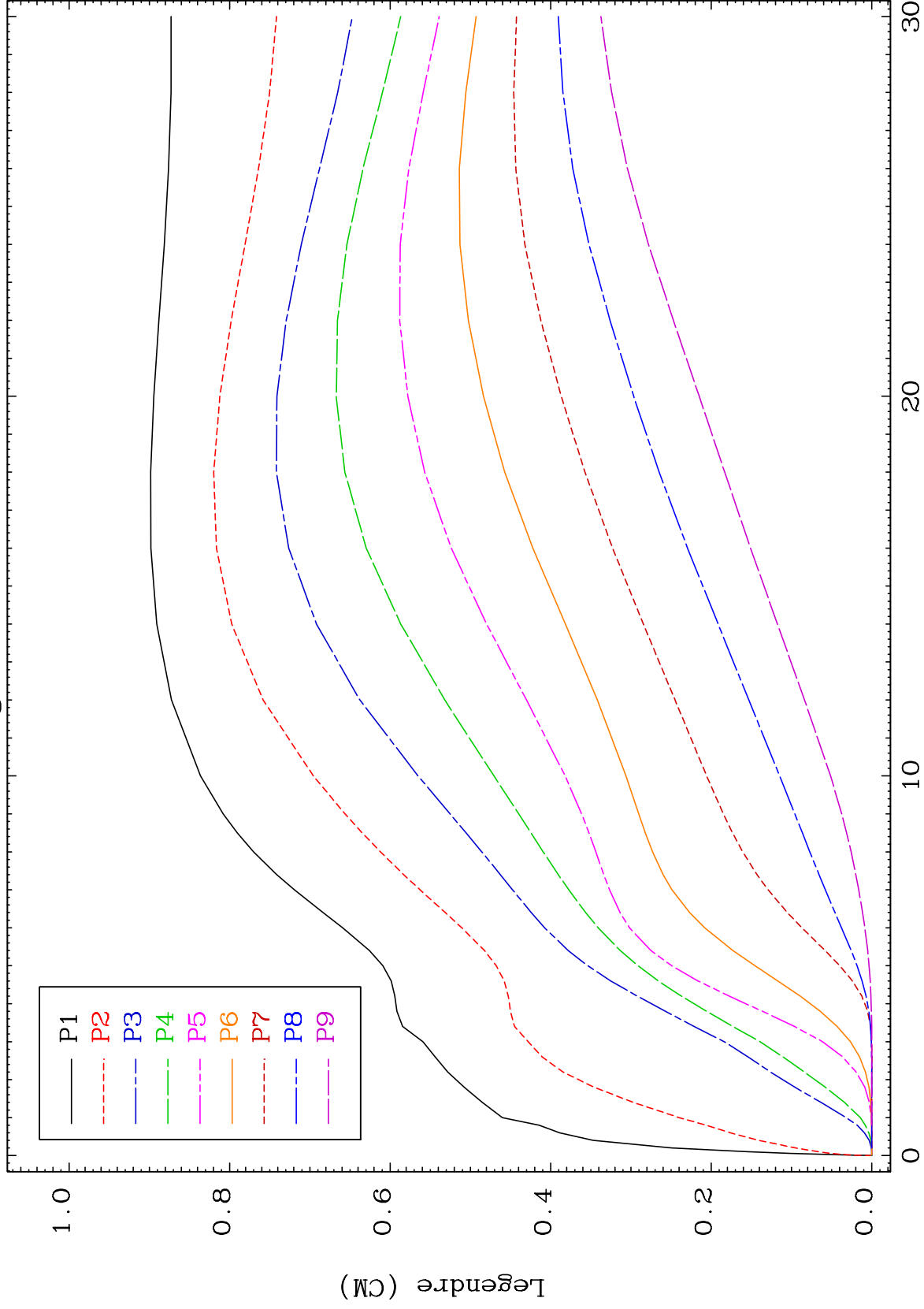




MAT 4813

Elastic Legendre Coefficients

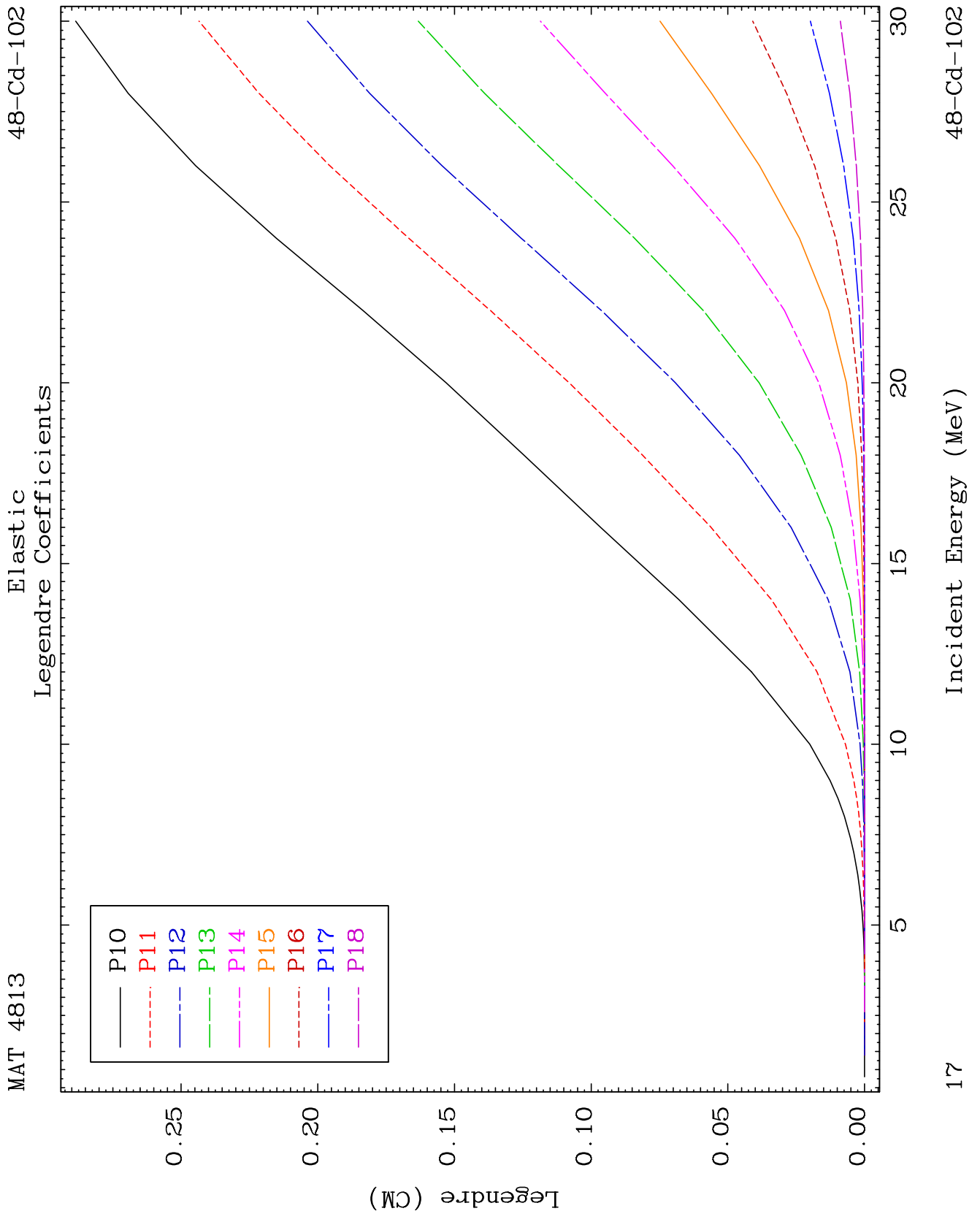
48-Cd-102



16

Incident Energy (MeV)

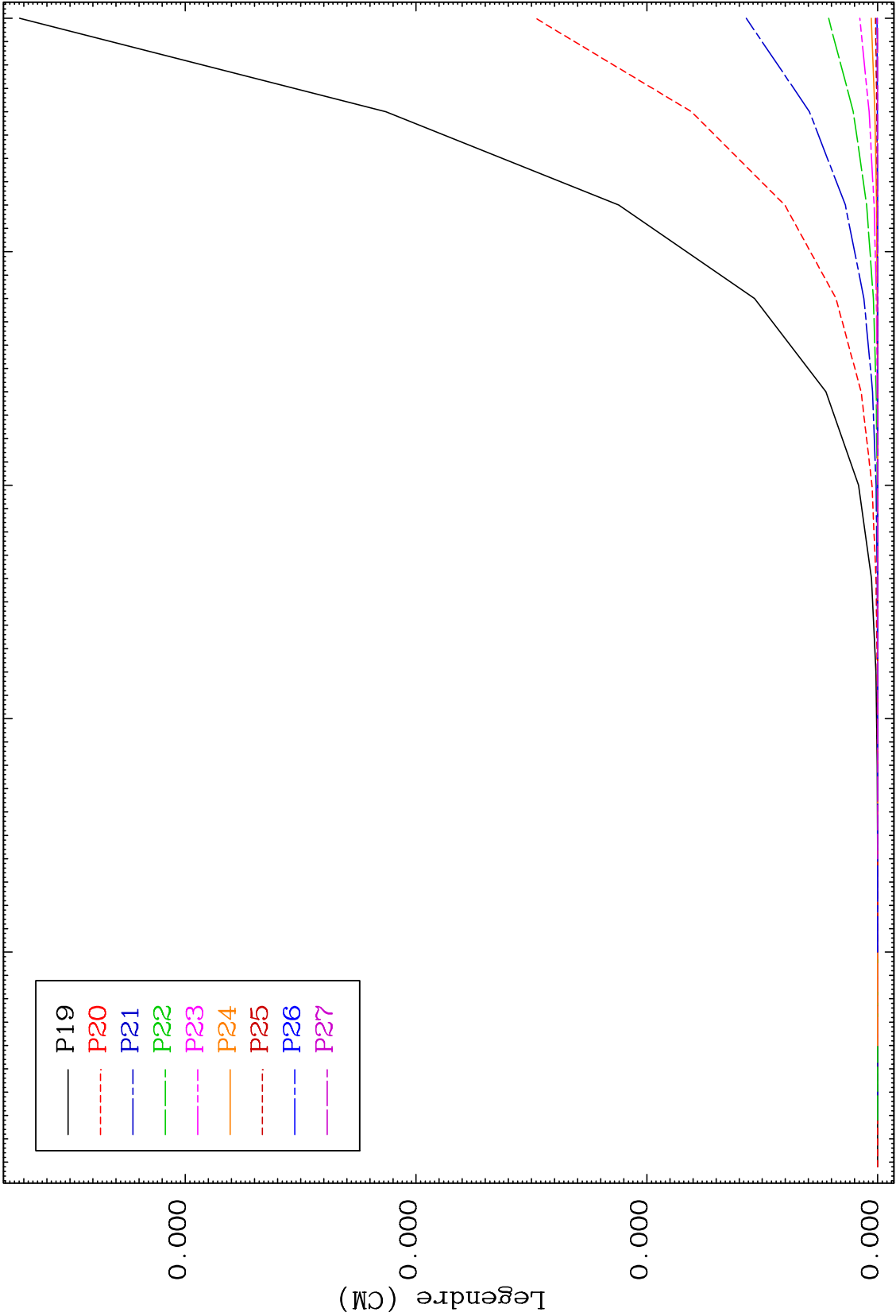
48-Cd-102



MAT 4813

Elastic Legendre Coefficients

48-Cd-102



18

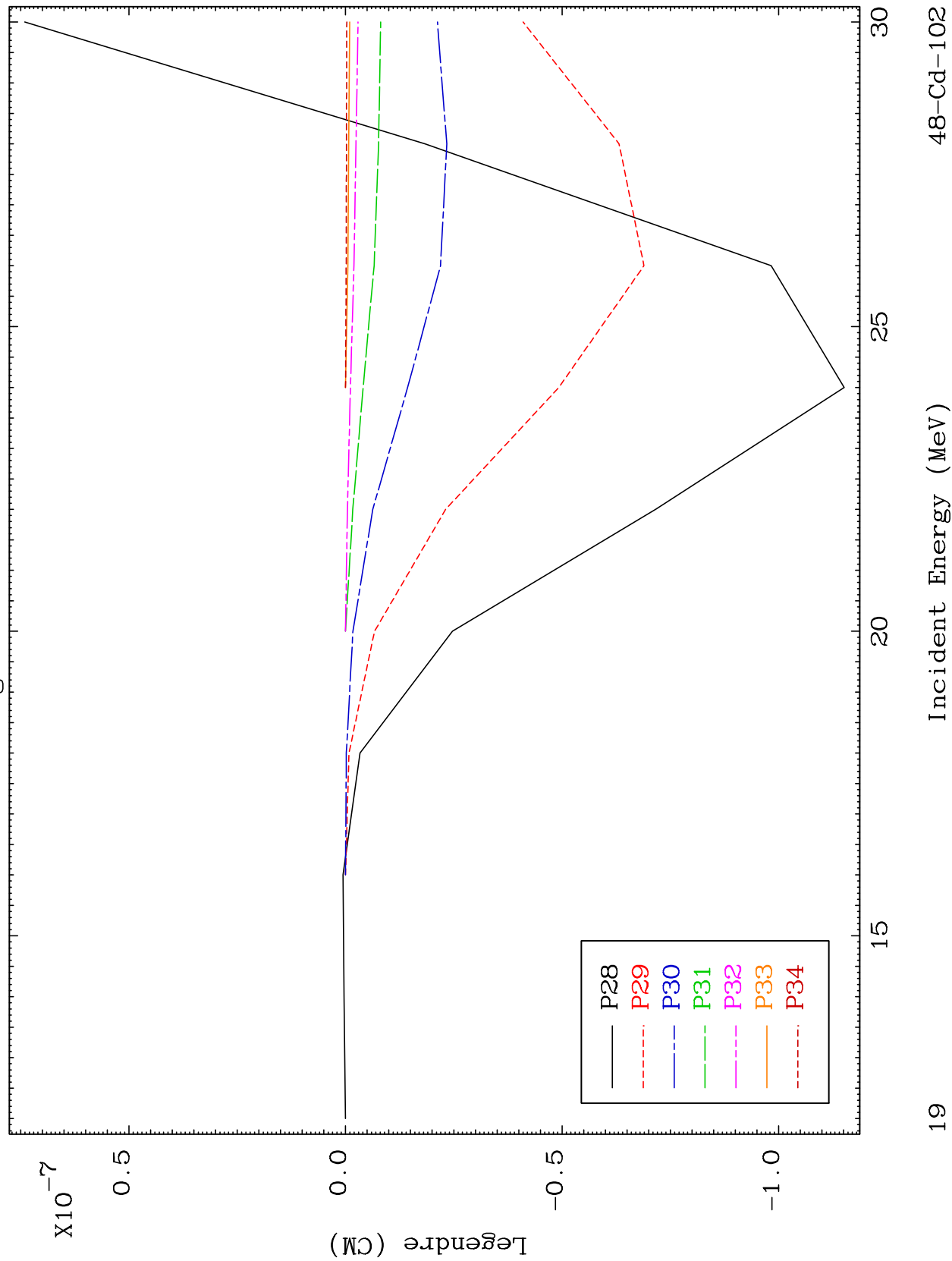
Incident Energy (MeV)

48-Cd-102

MAT 4813

Elastic Legendre Coefficients

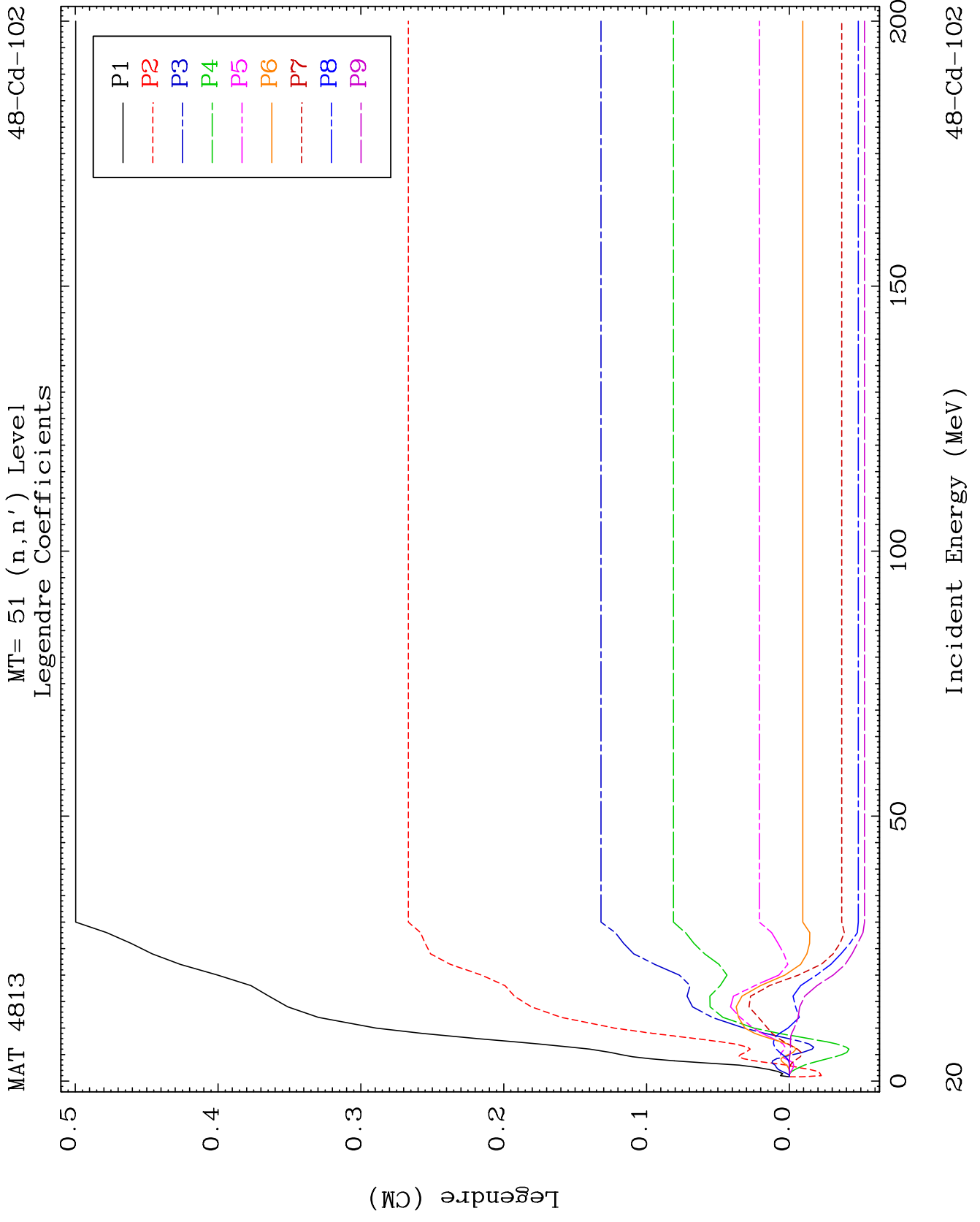
48-Cd-102



19

Incident Energy (MeV)

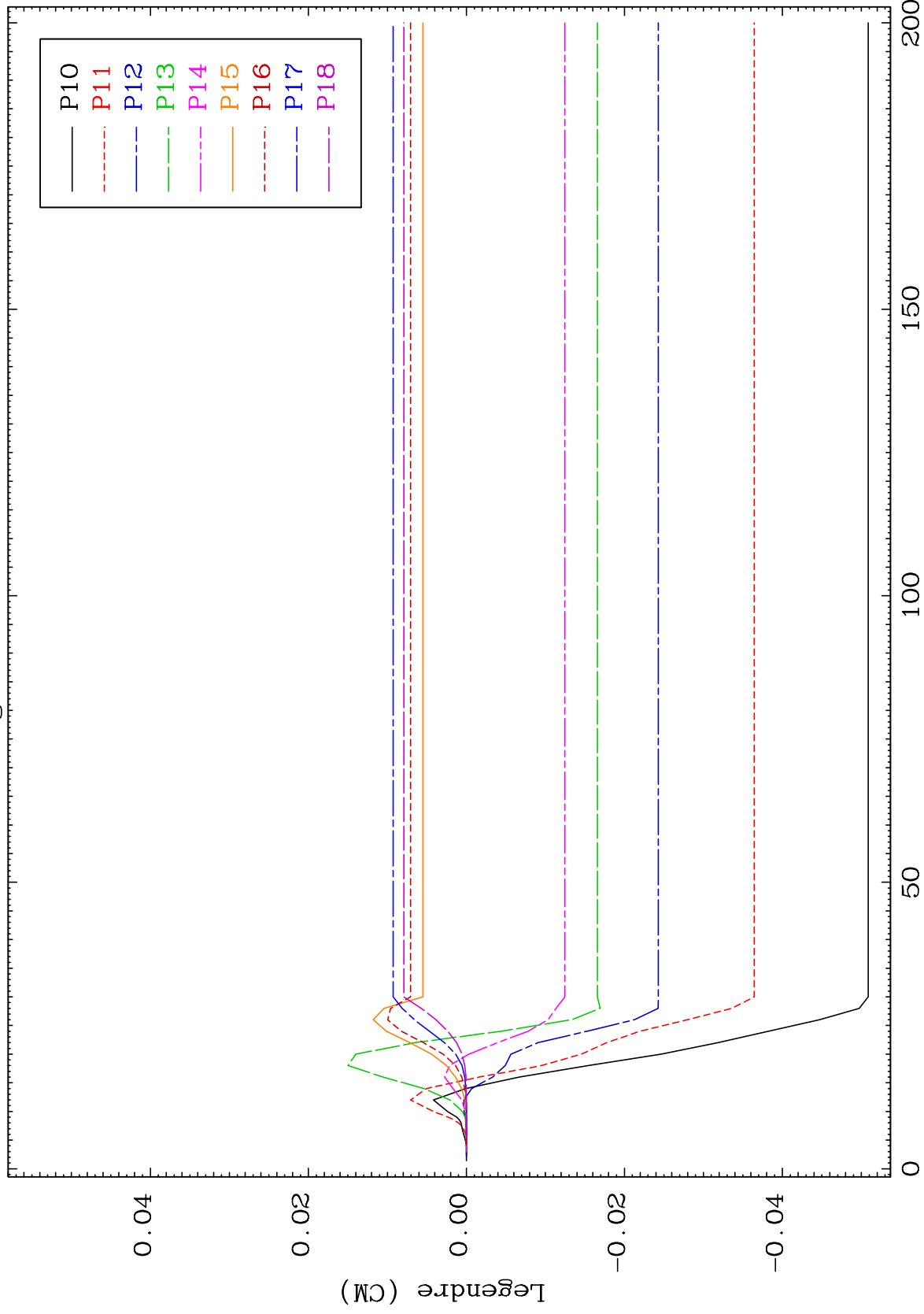
48-Cd-102



MAT 4813

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

48-Cd-102



21

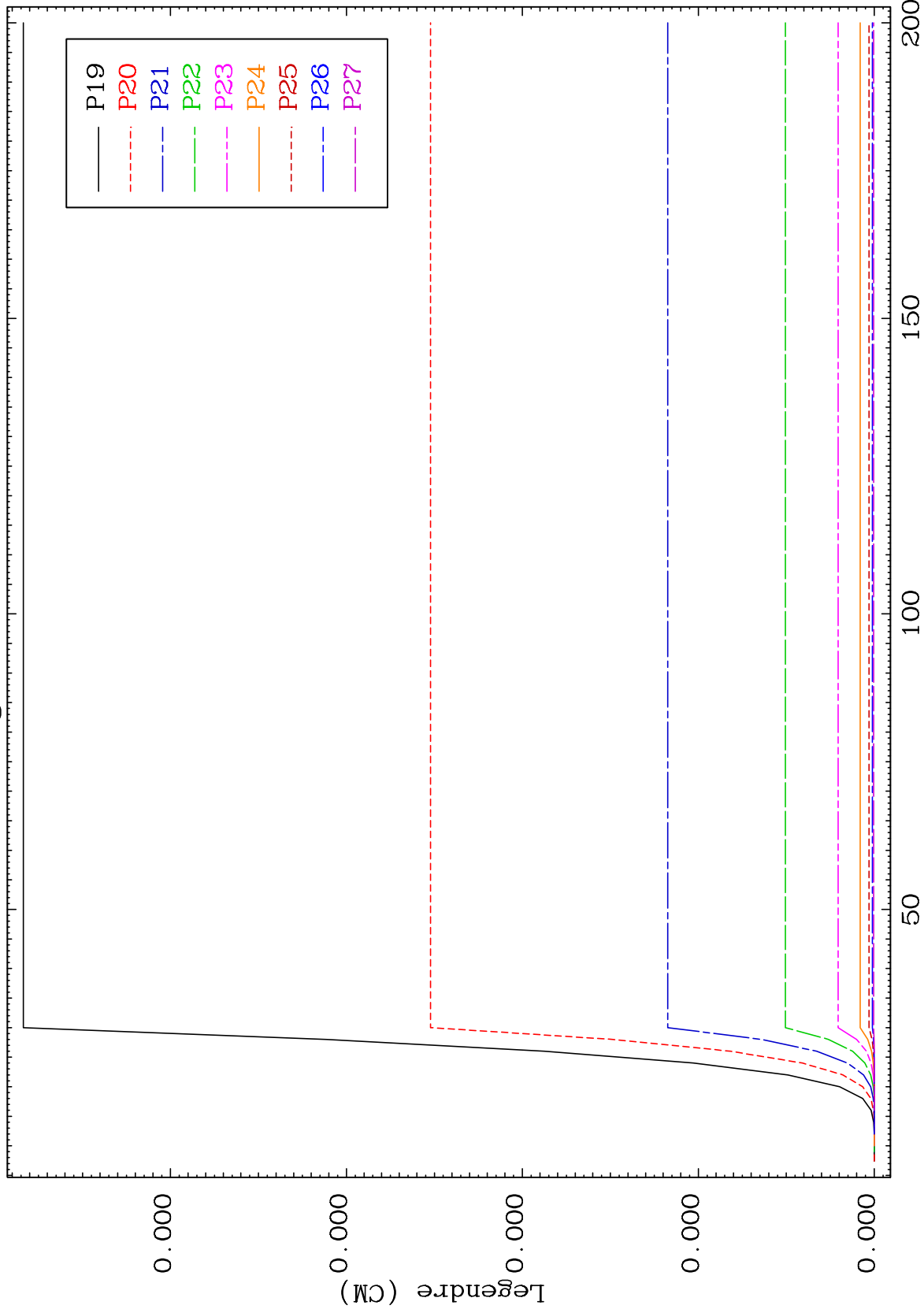
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



22

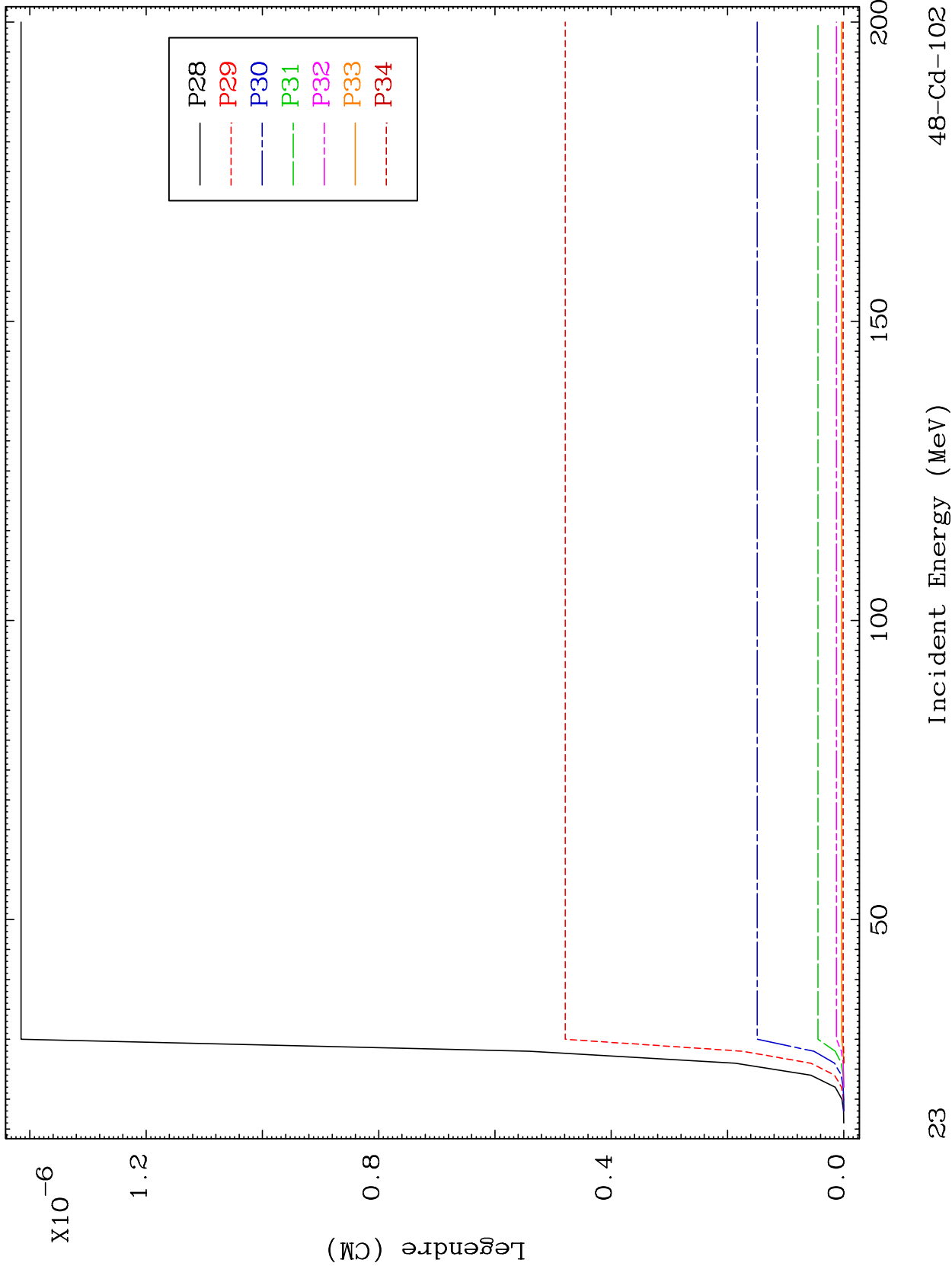
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



23

Incident Energy (MeV)

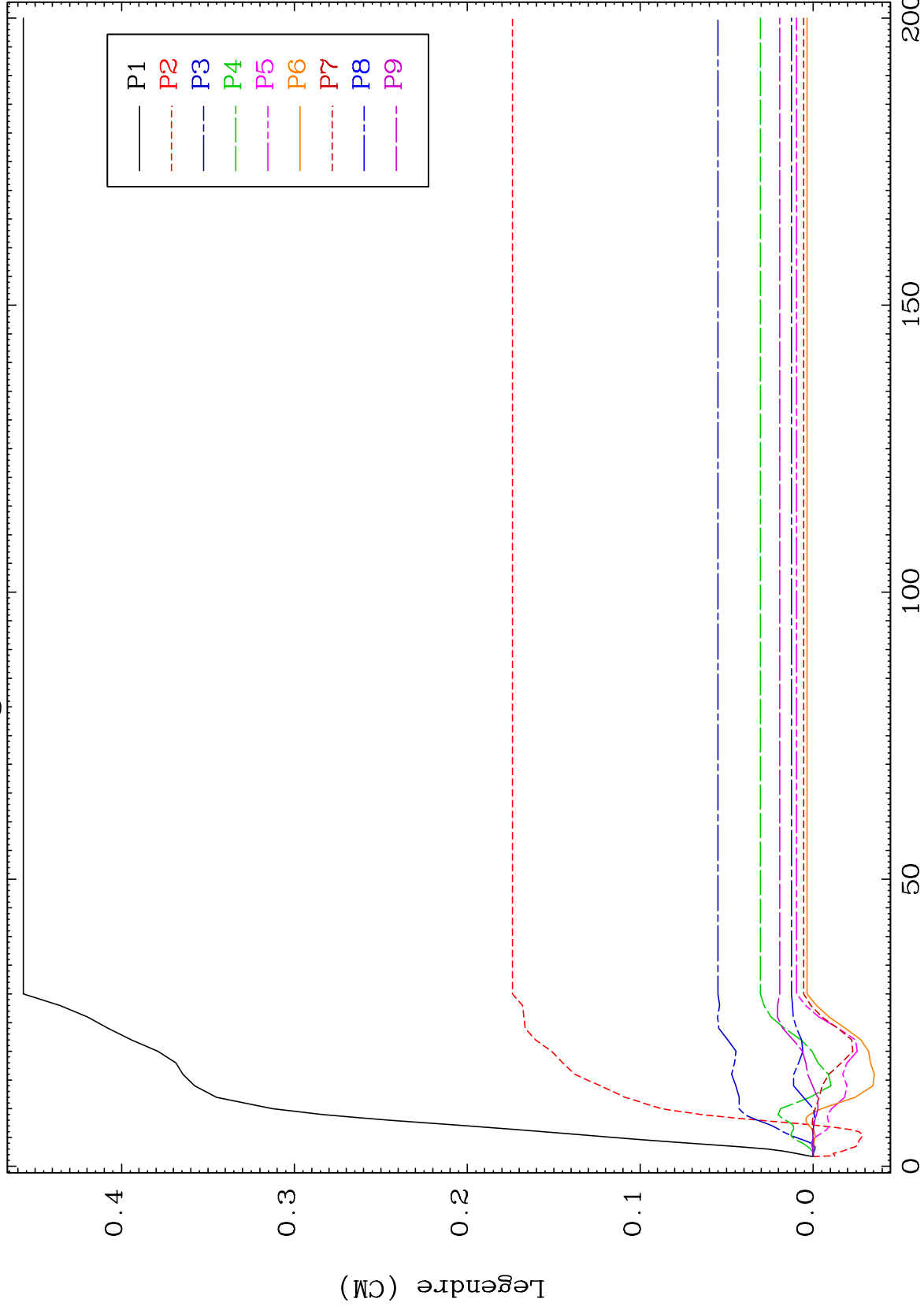
48-Cd-102

MAT 4813

MT= 52 (n,n') Level

48-Cd-102

Legendre Coefficients



24

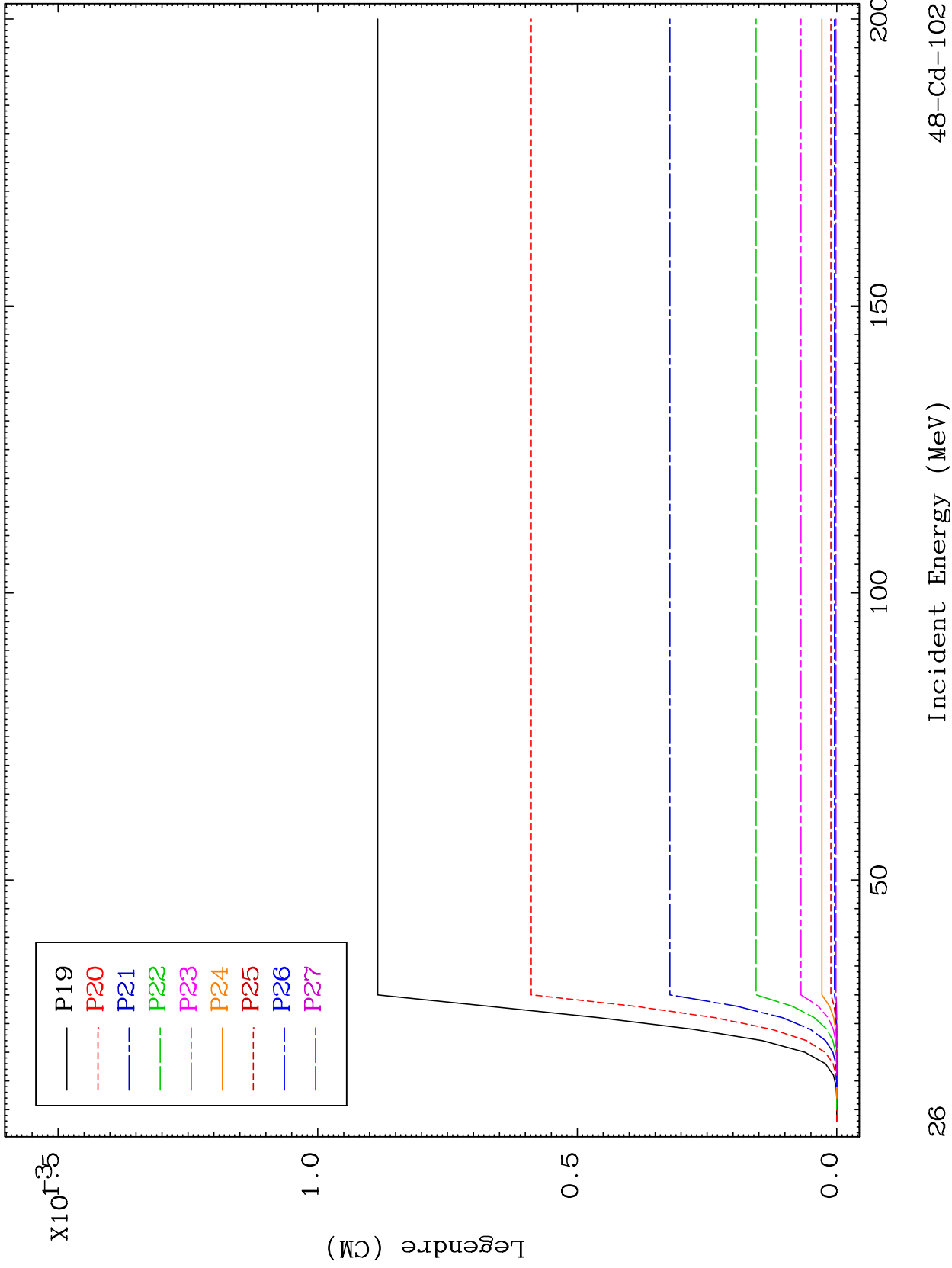
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



26

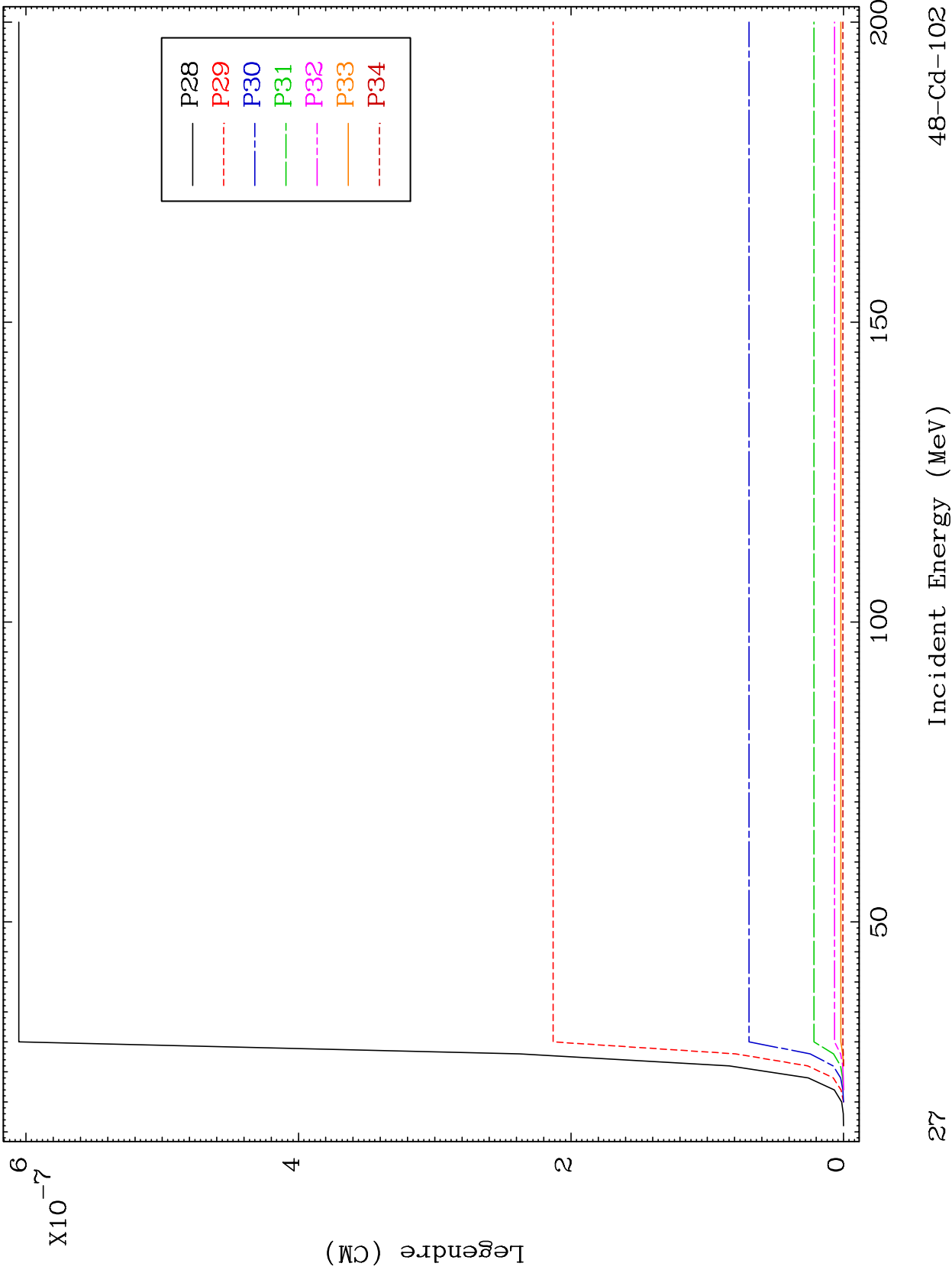
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

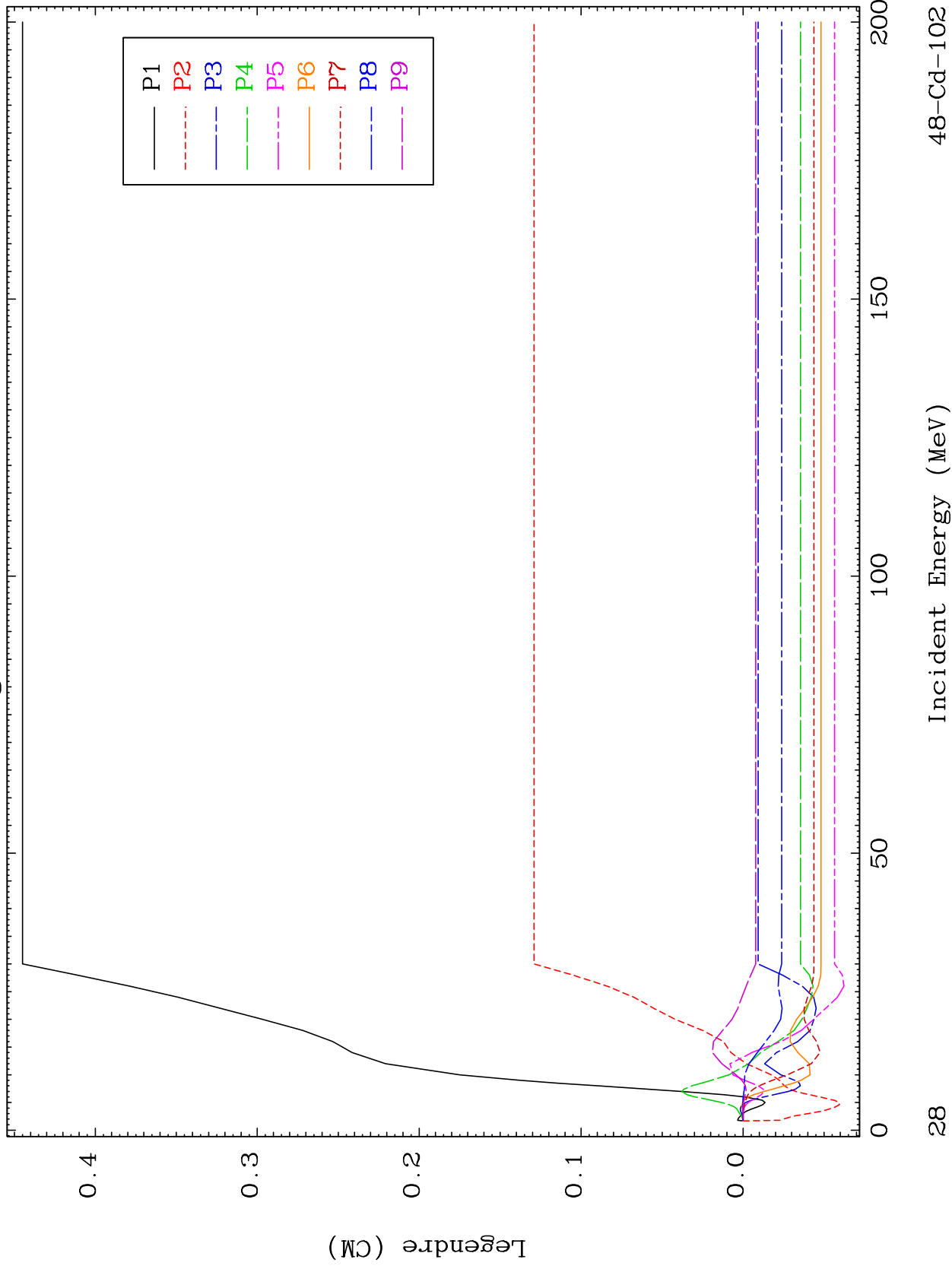
48-Cd-102



MAT 4813

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

48-Cd-102



48-Cd-102

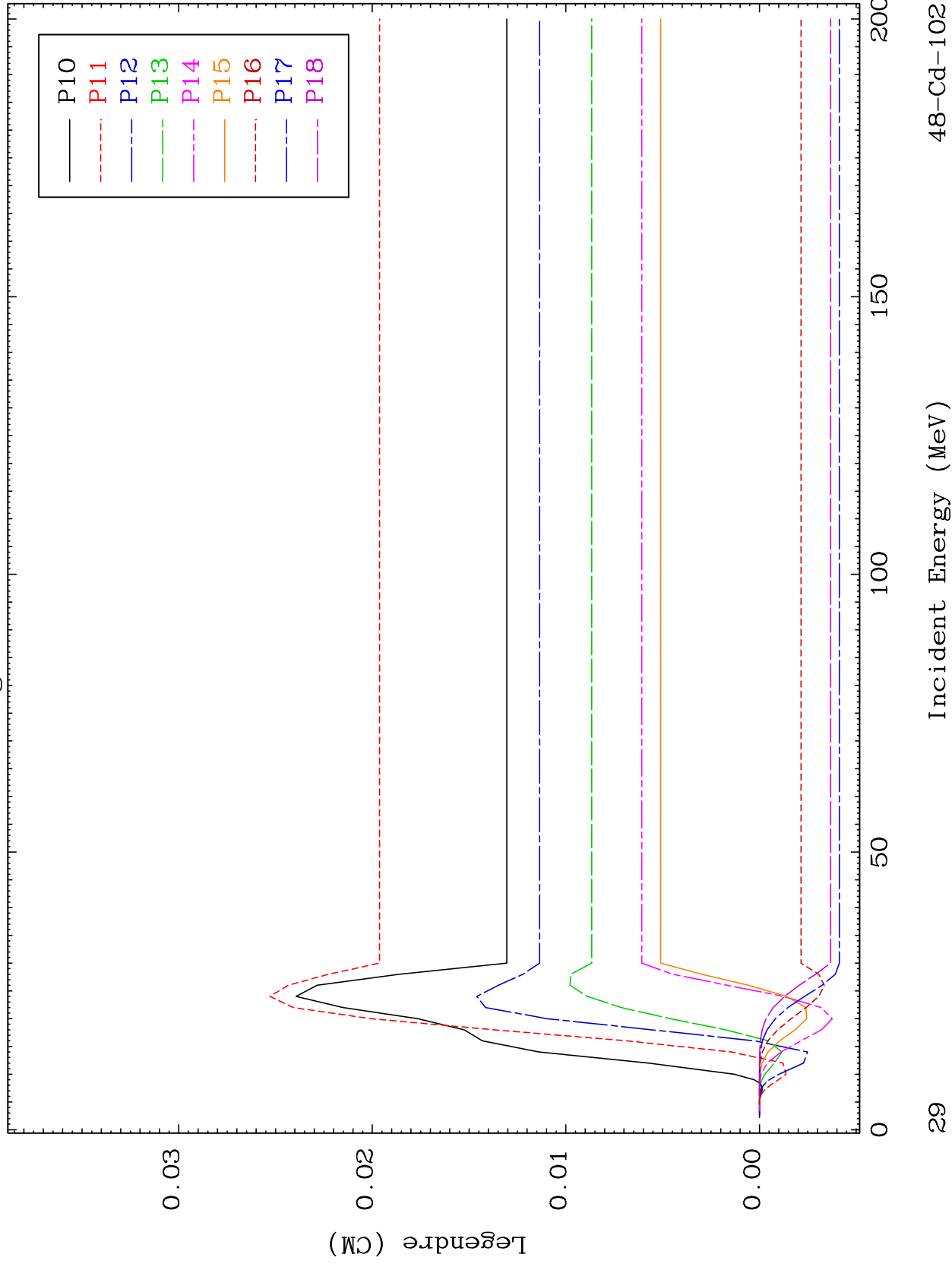
Incident Energy (MeV)

28

MAT 4813

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

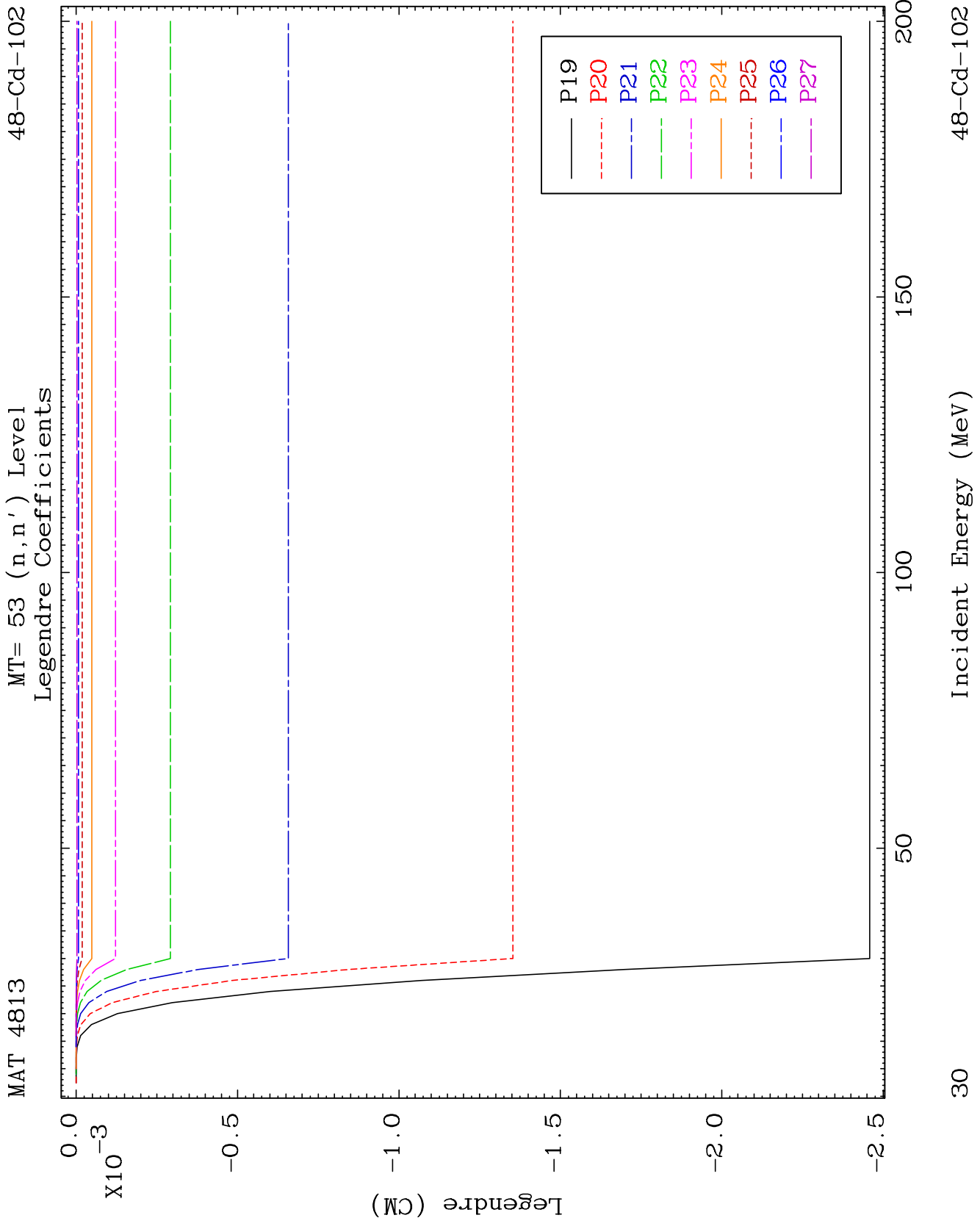
48-Cd-102

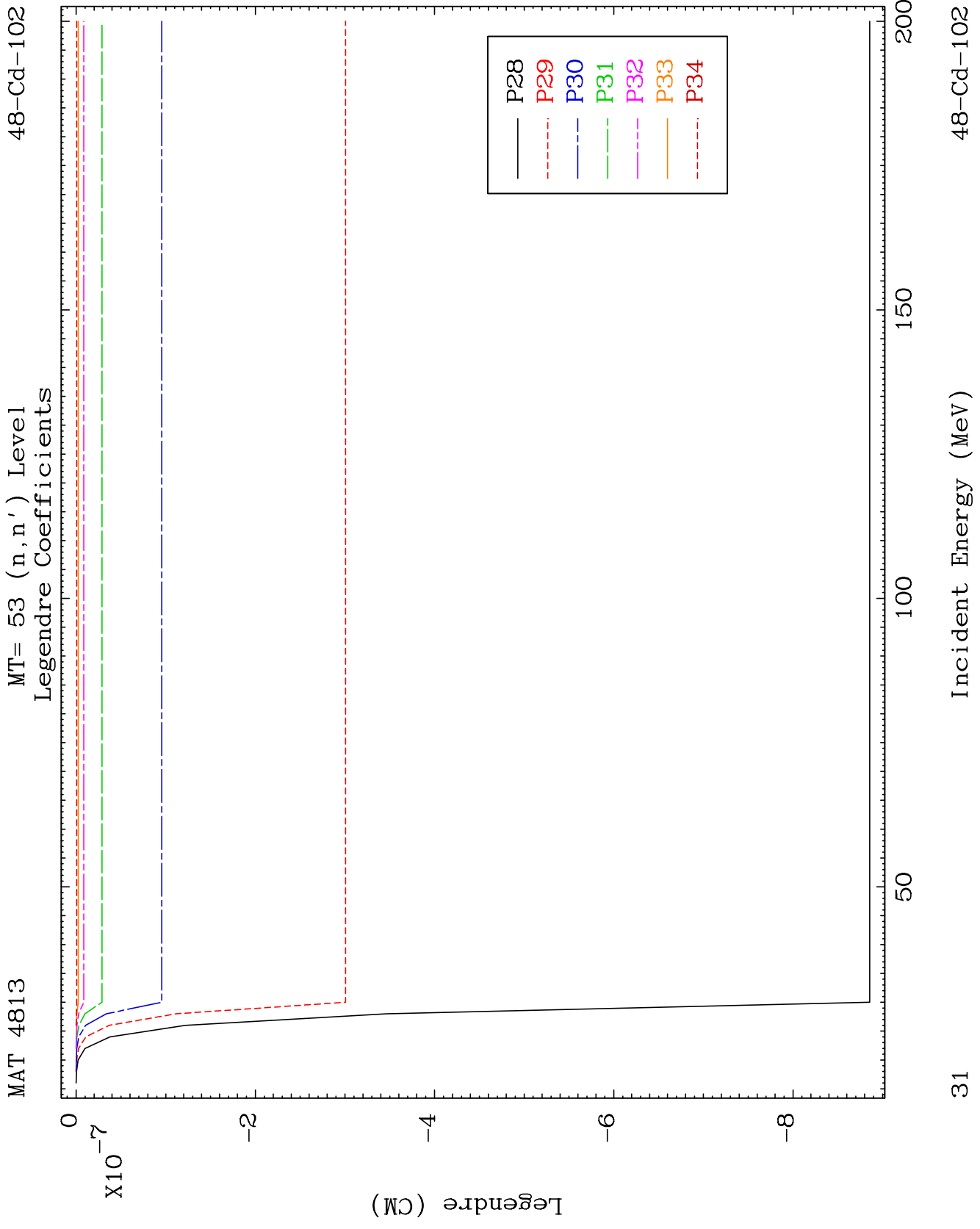


29

Incident Energy (MeV)

48-Cd-102

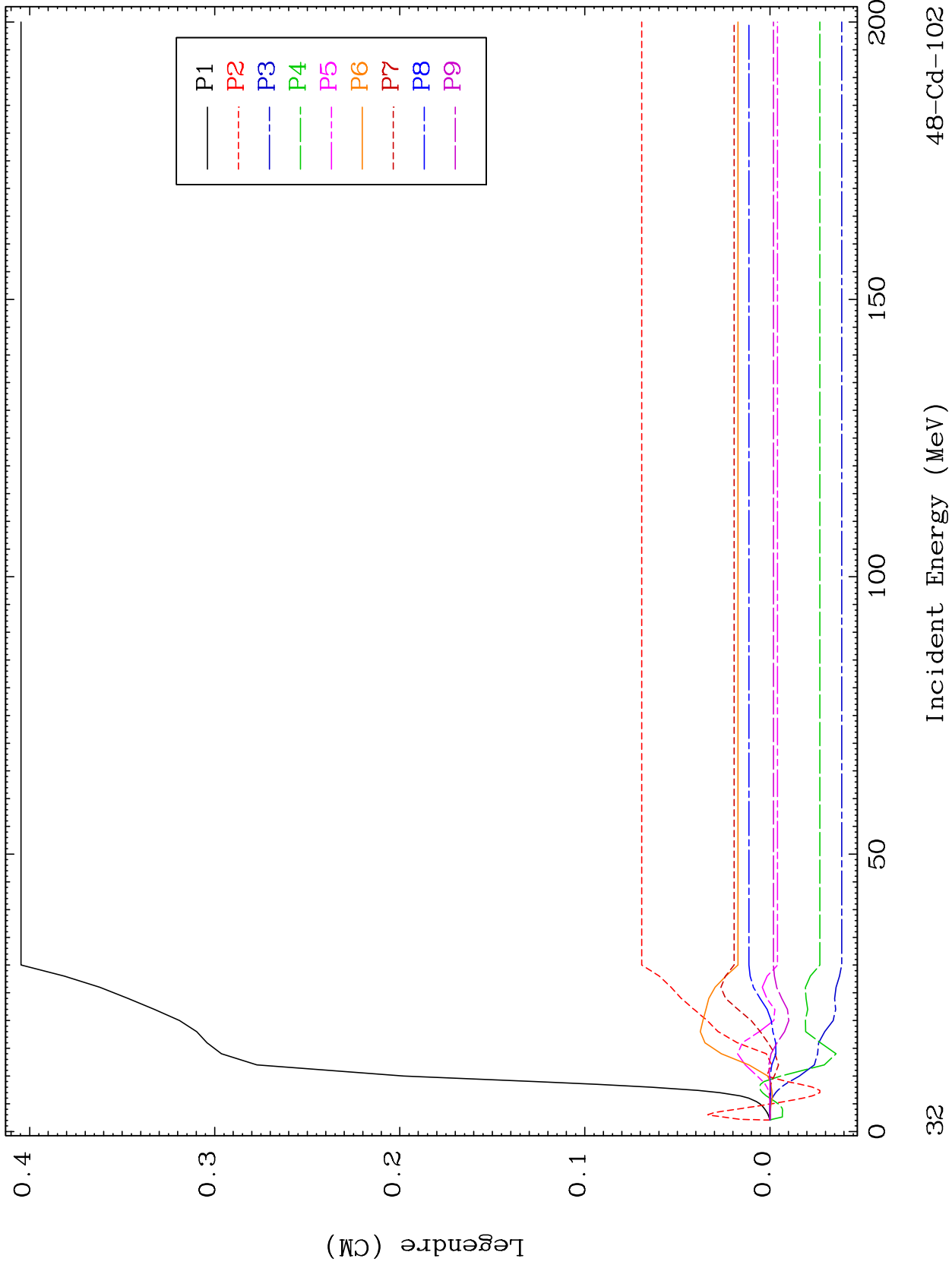




MAT 4813

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

48-Cd-102



48-Cd-102

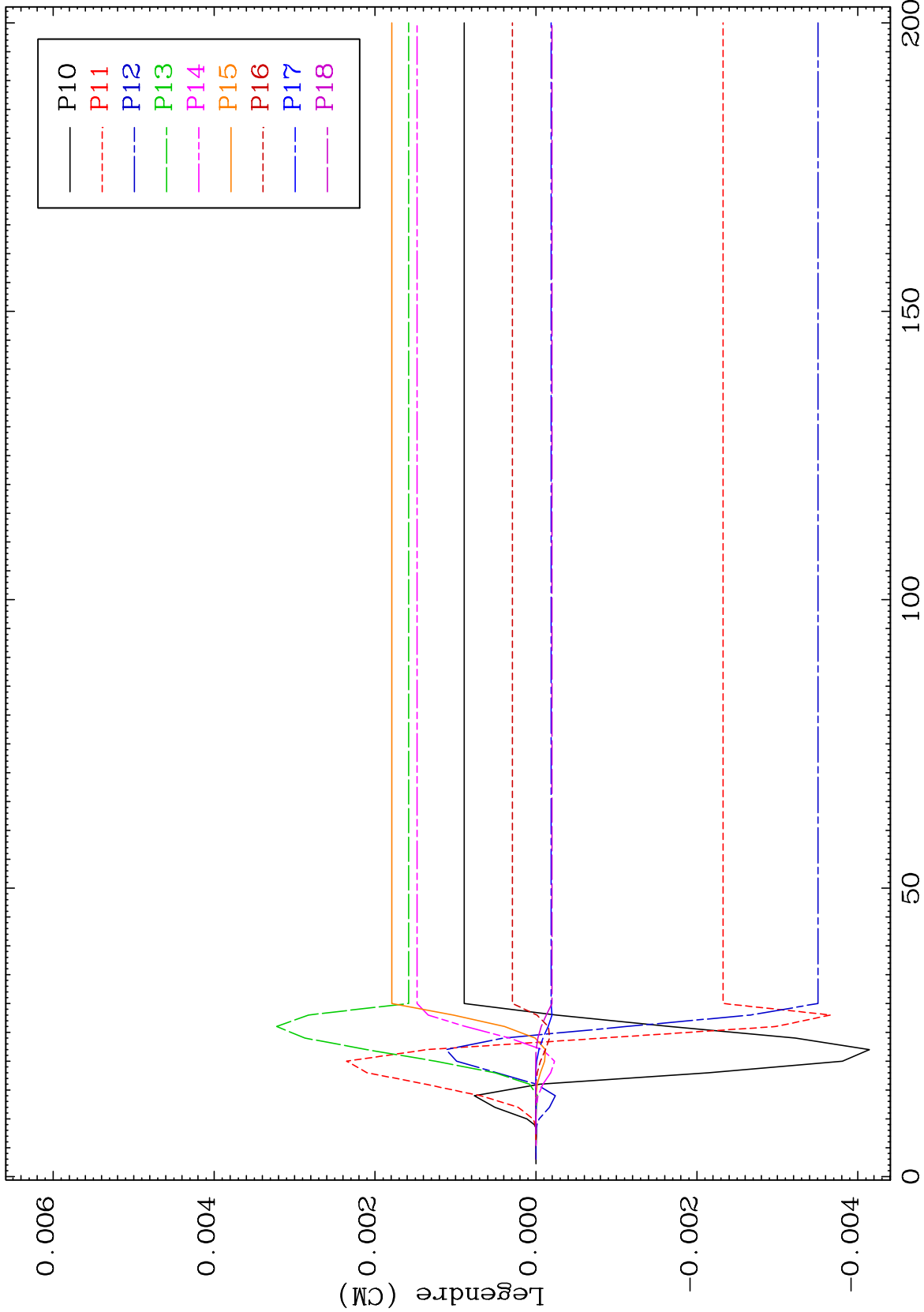
Incident Energy (MeV)

32

MAT 4813

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

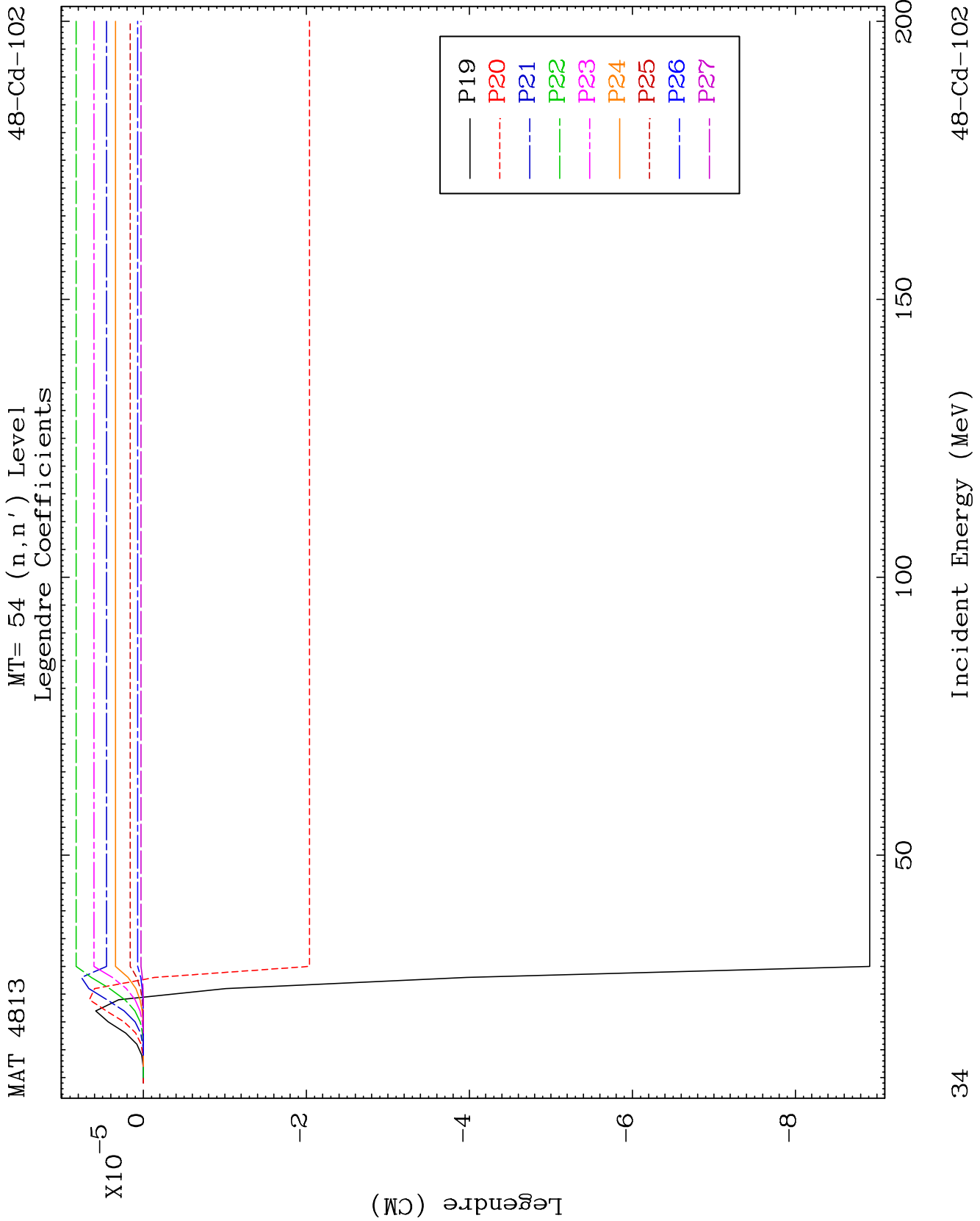
48-Cd-102



33

Incident Energy (MeV)

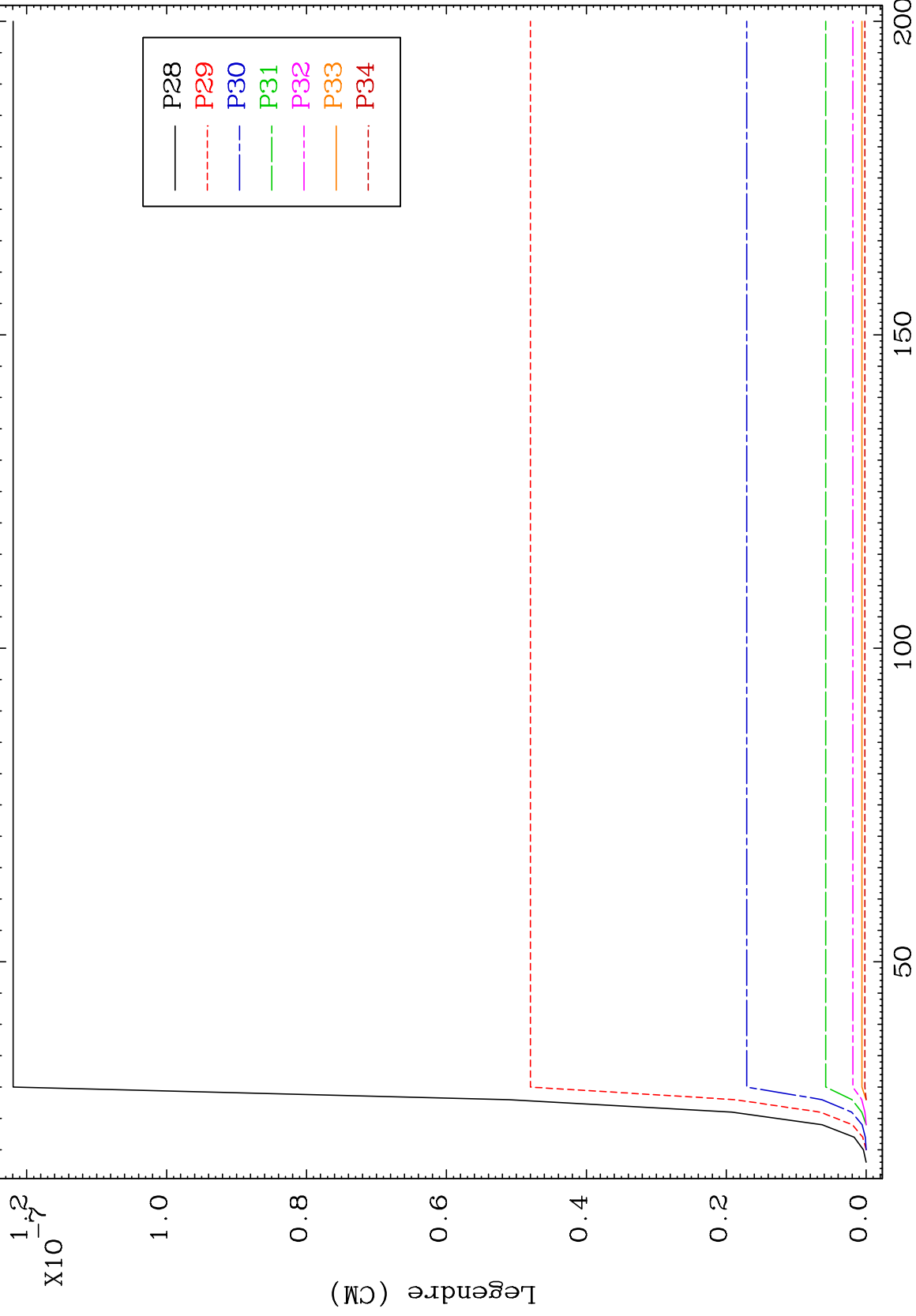
48-Cd-102



MAT 4813

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

48-Cd-102



35

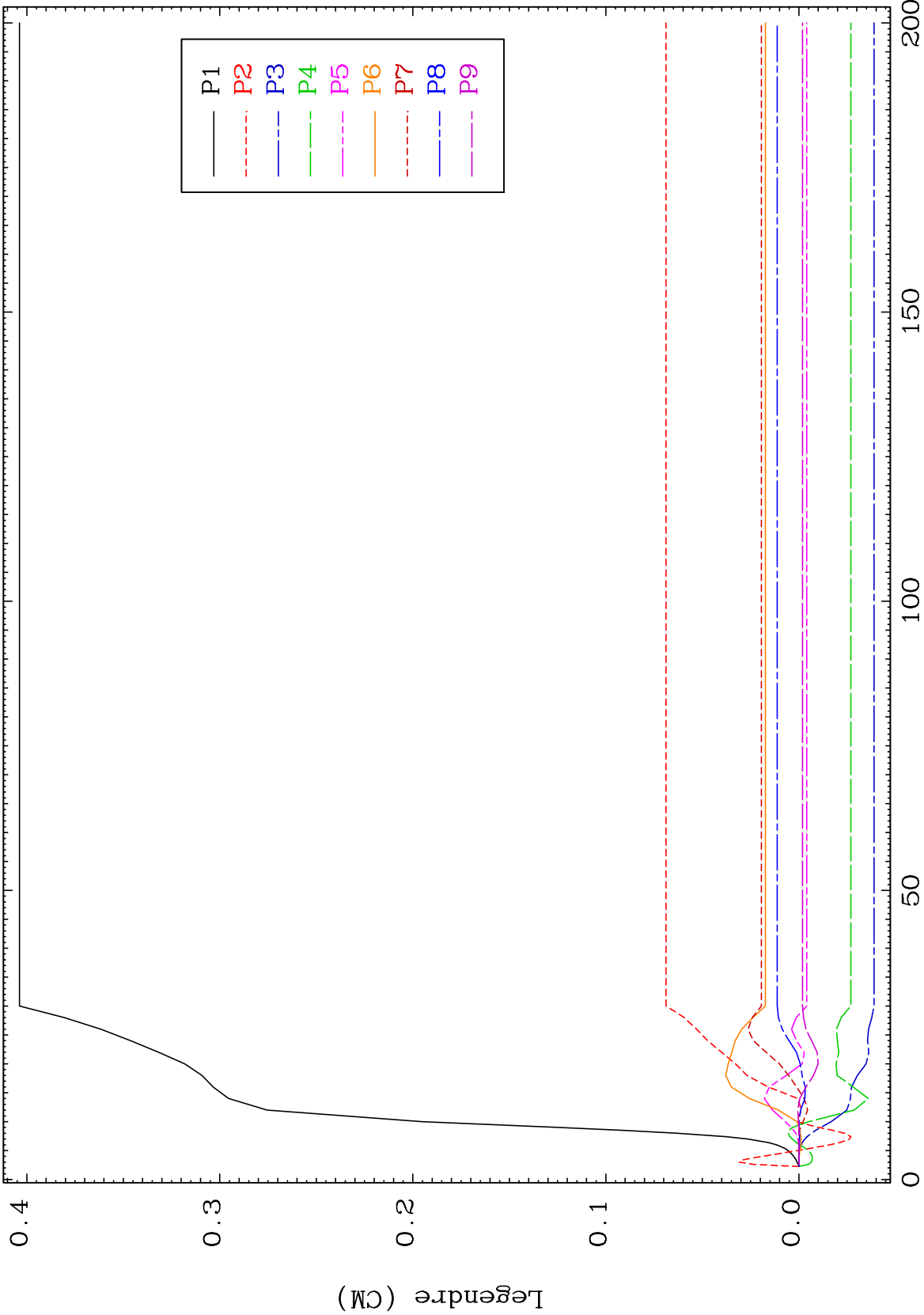
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



36

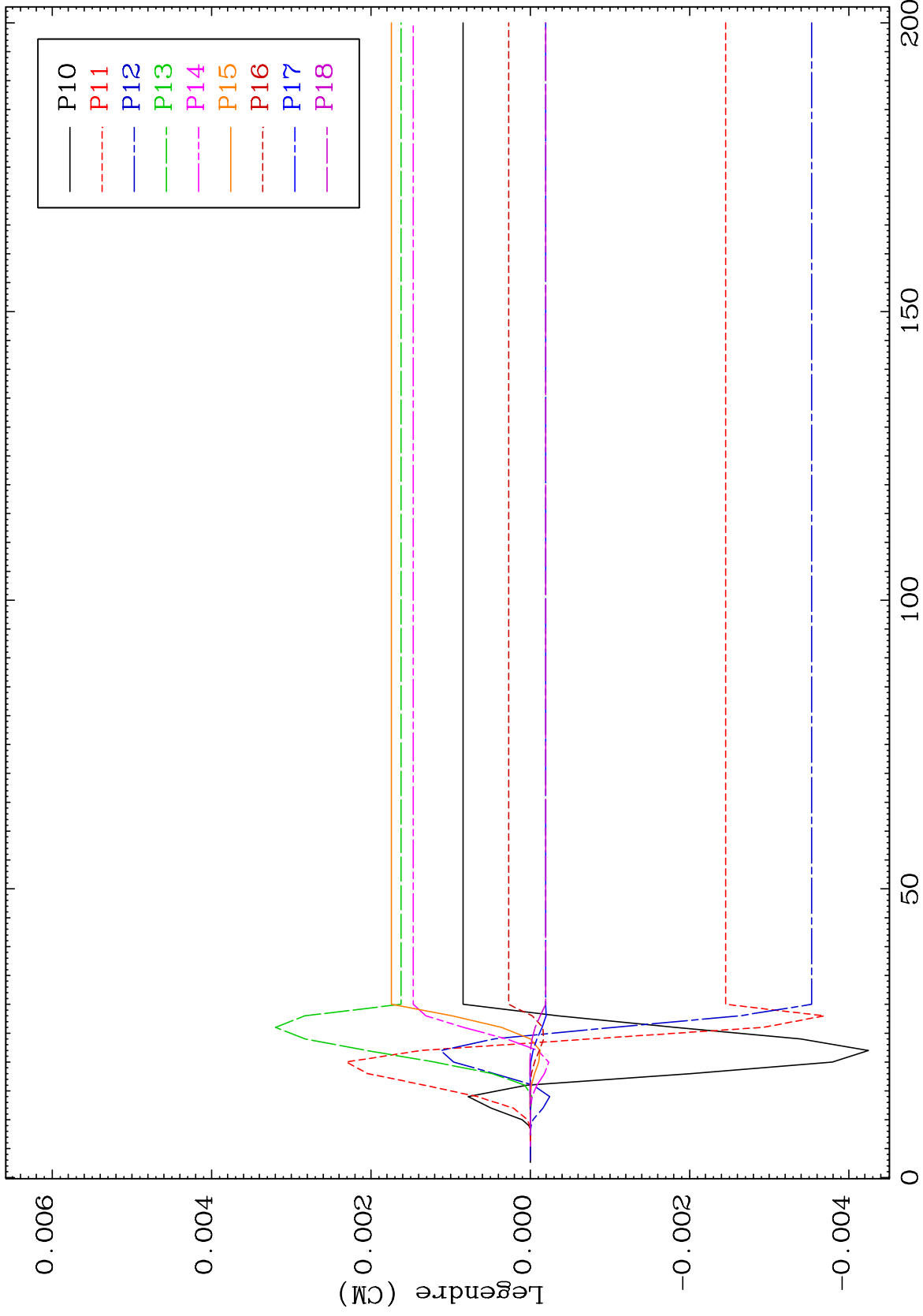
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



37

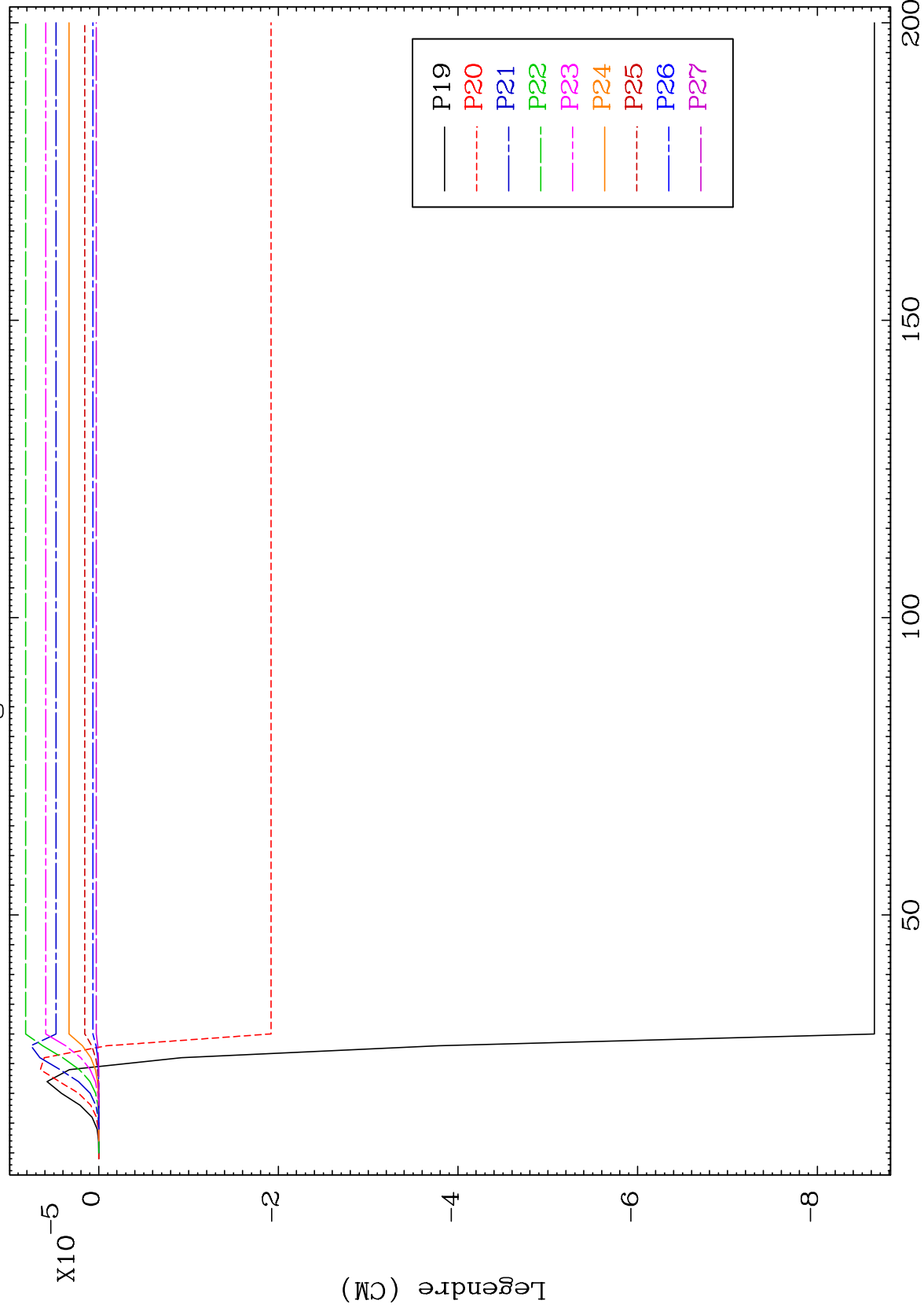
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



38

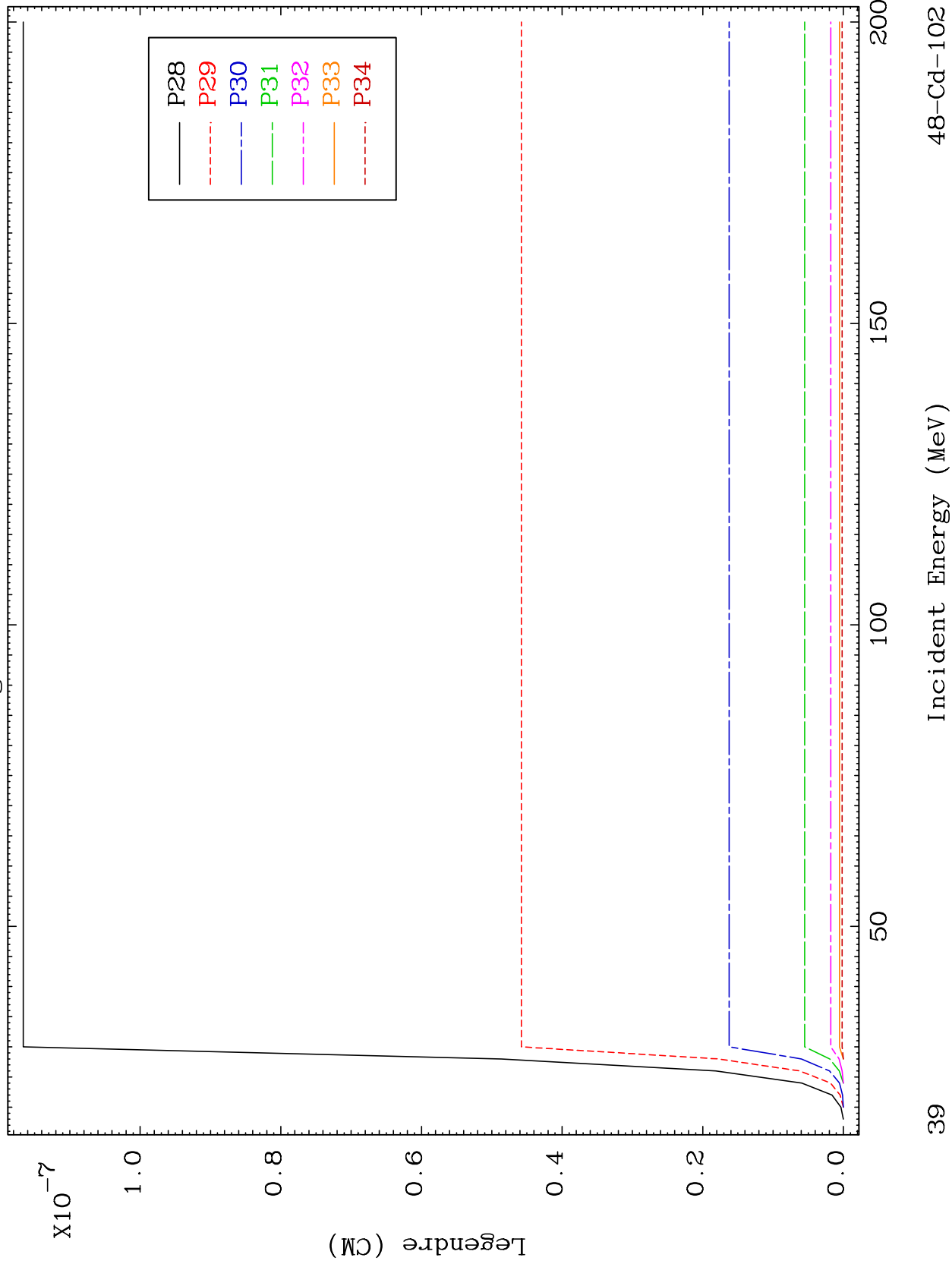
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



39

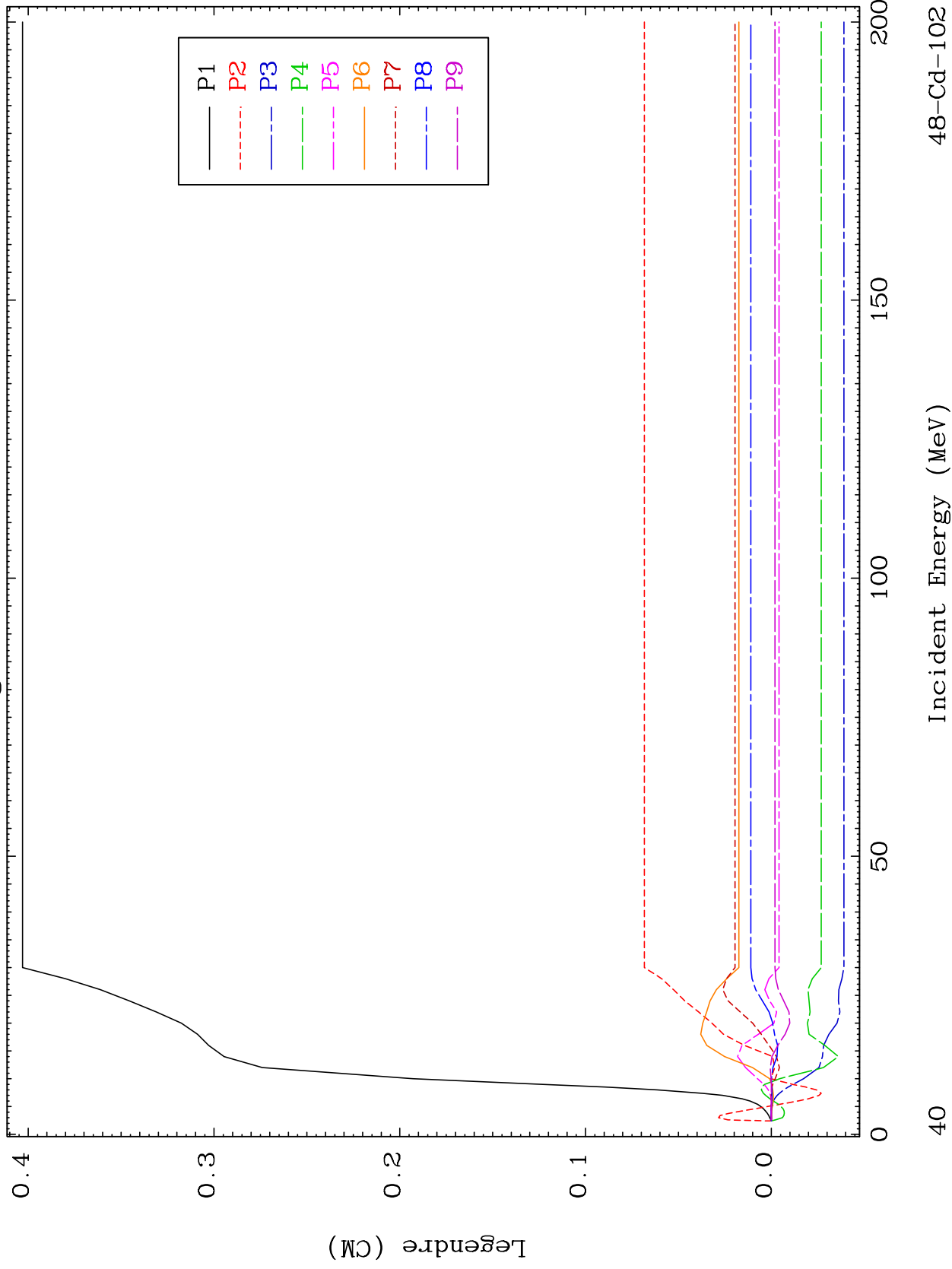
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

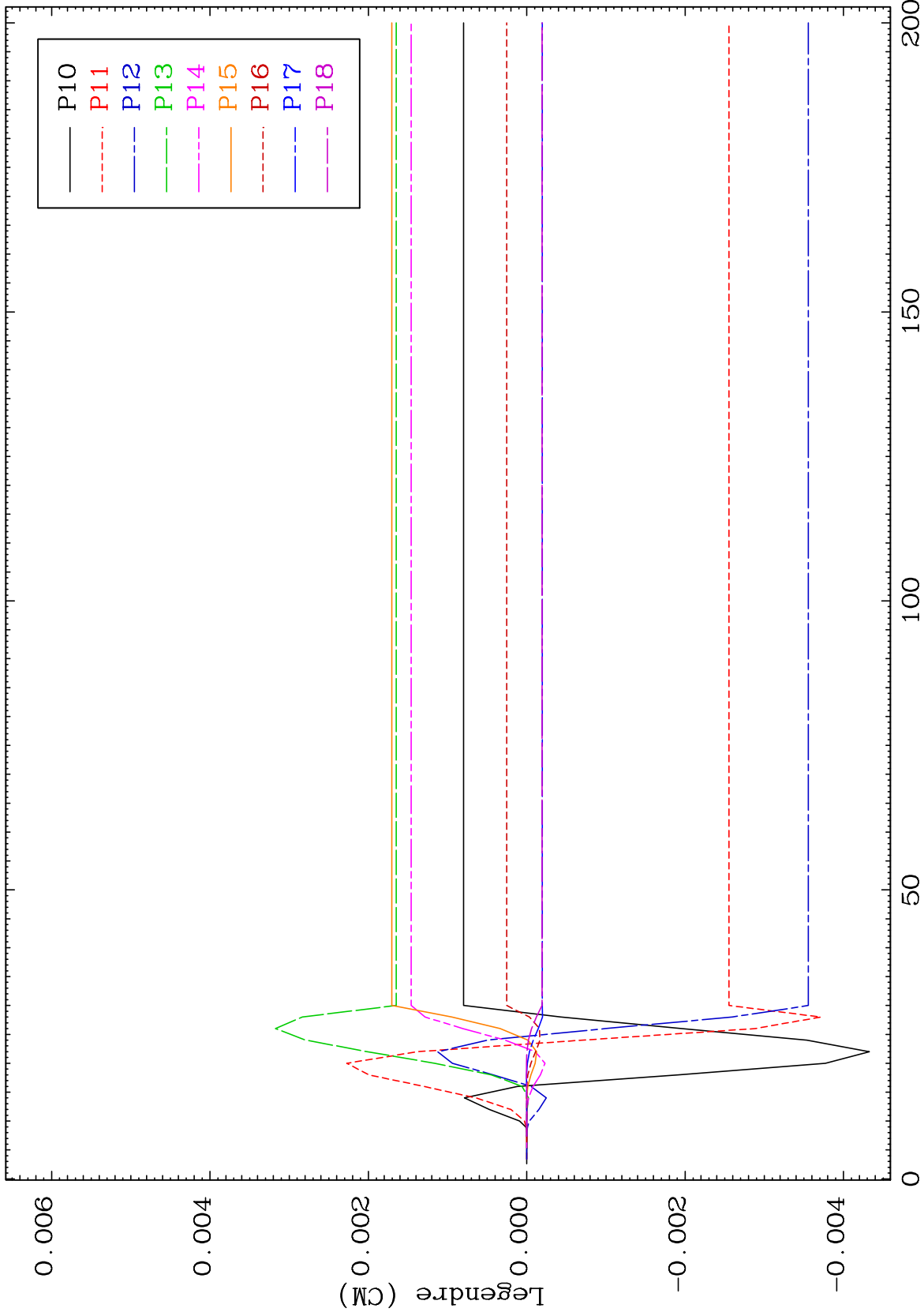
Incident Energy (MeV)

40

MAT 4813

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

48-Cd-102



41

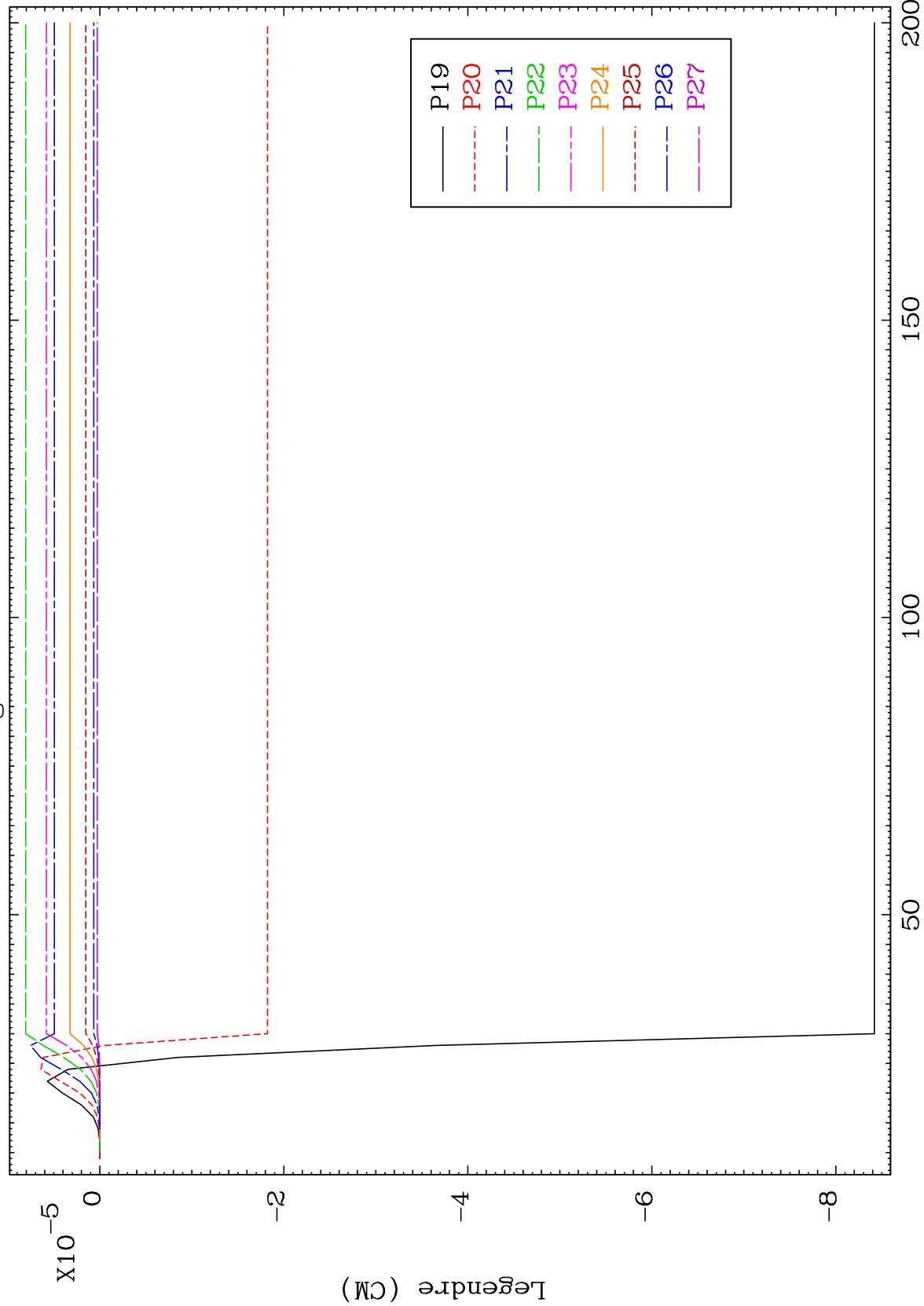
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



42

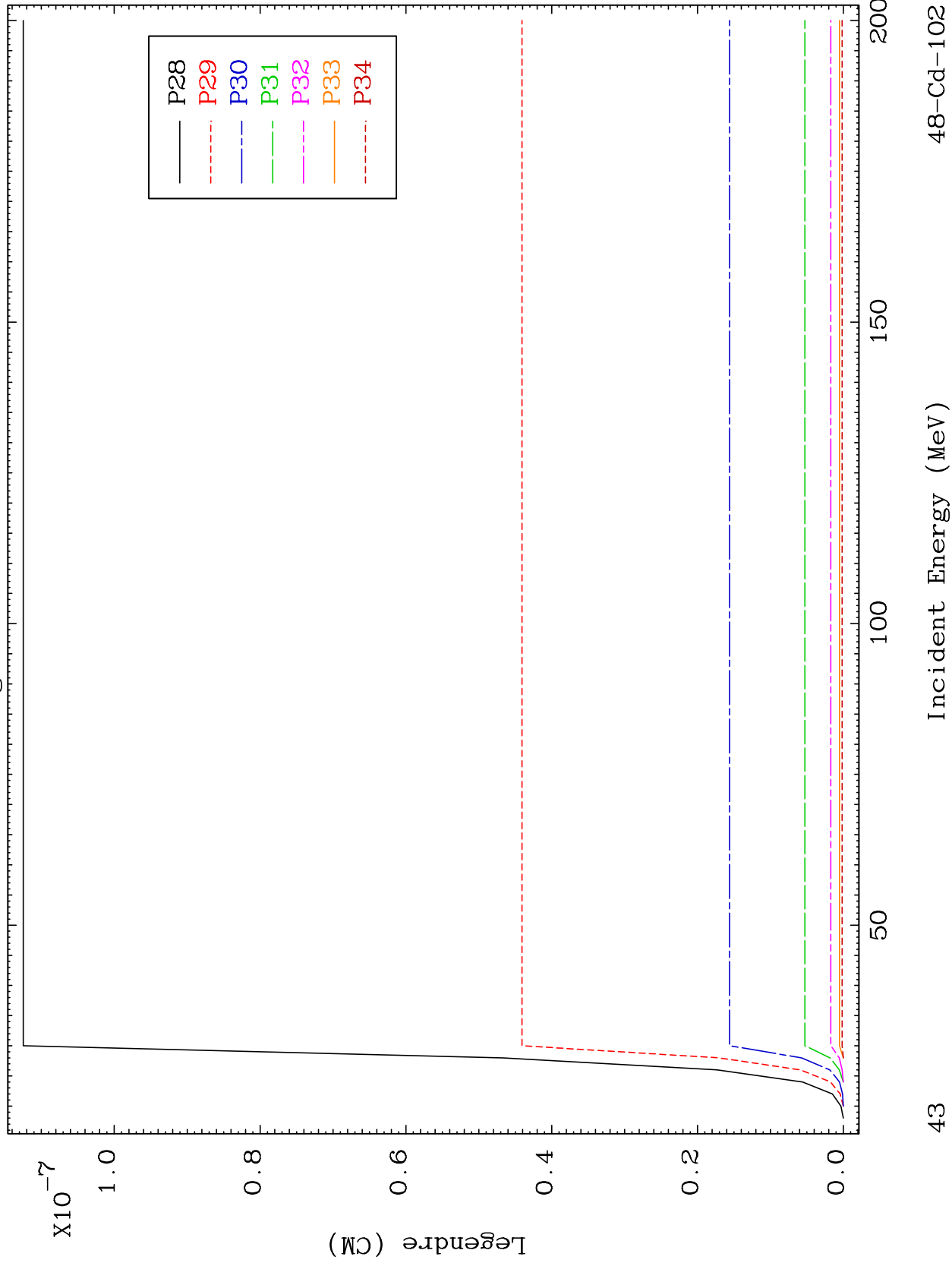
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

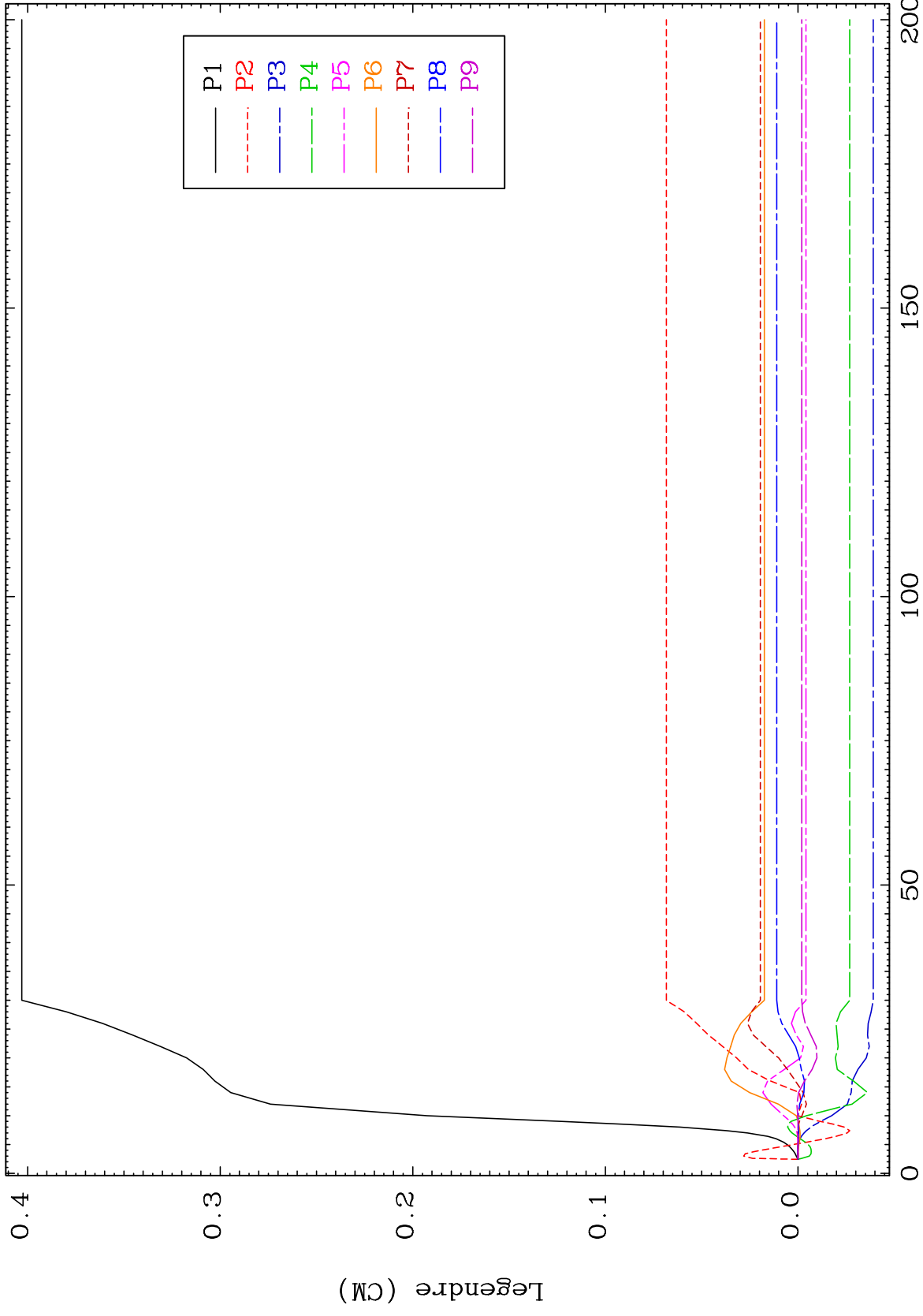
48-Cd-102



MAT 4813

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

48-Cd-102



44

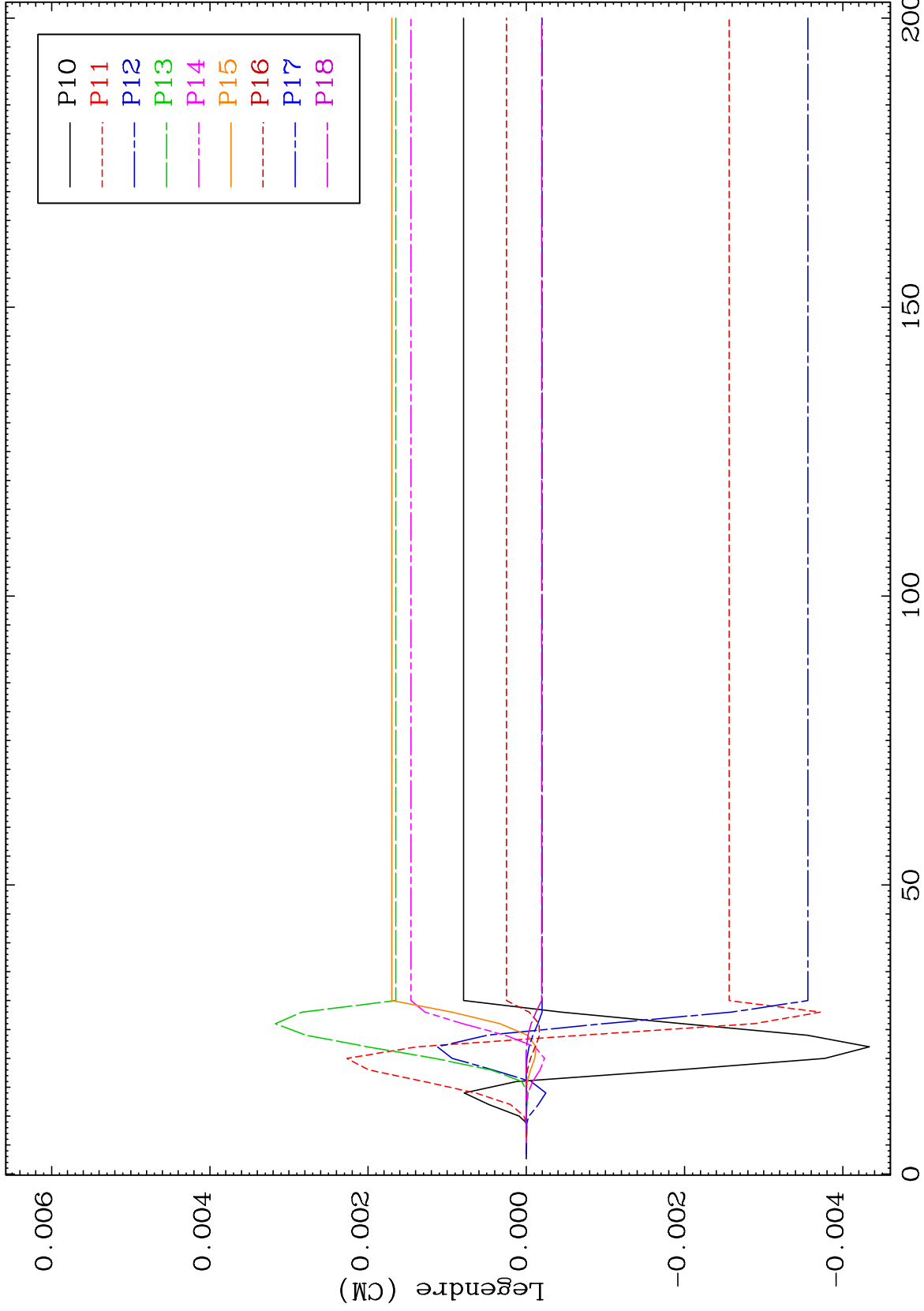
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



45

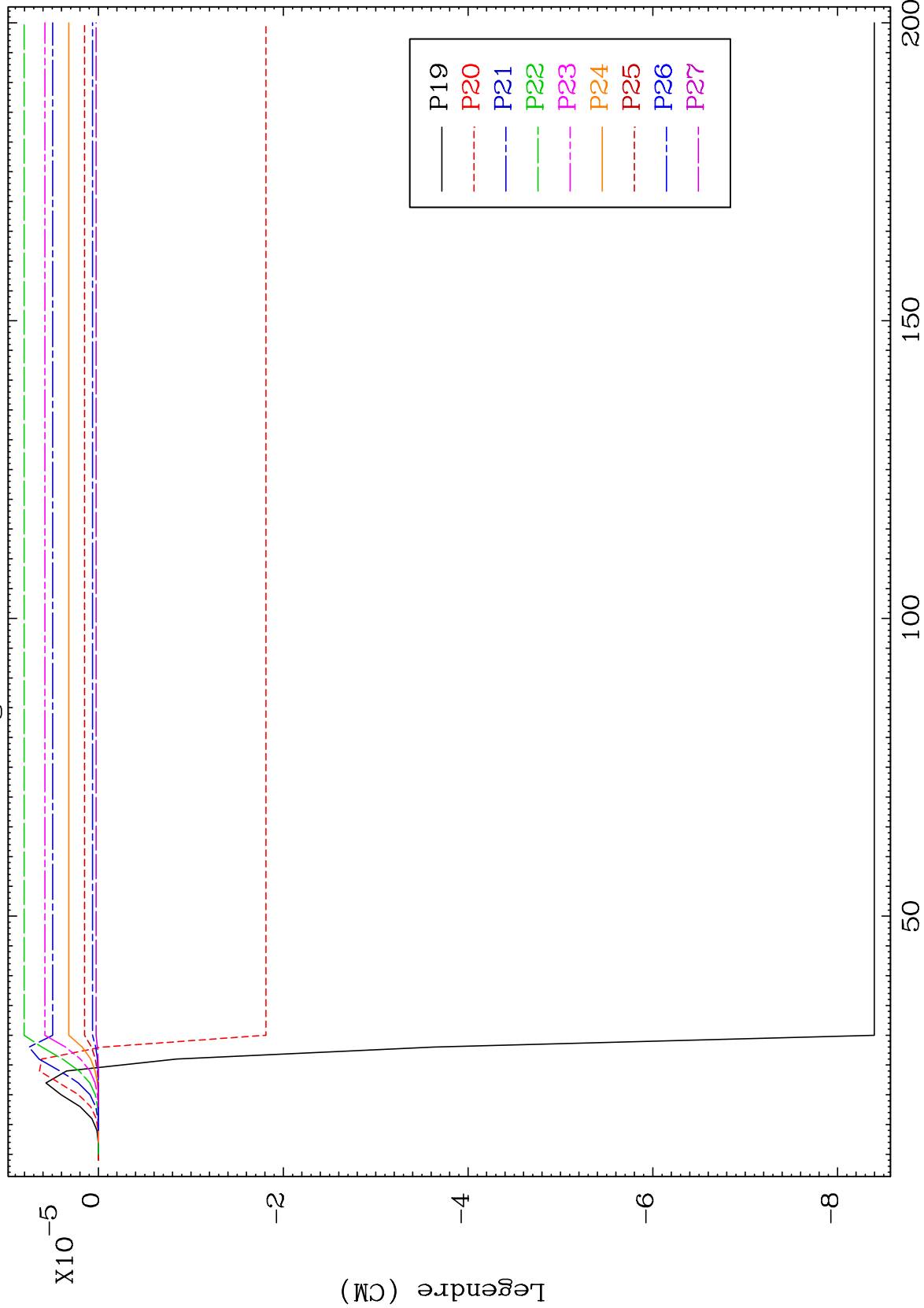
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

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



46

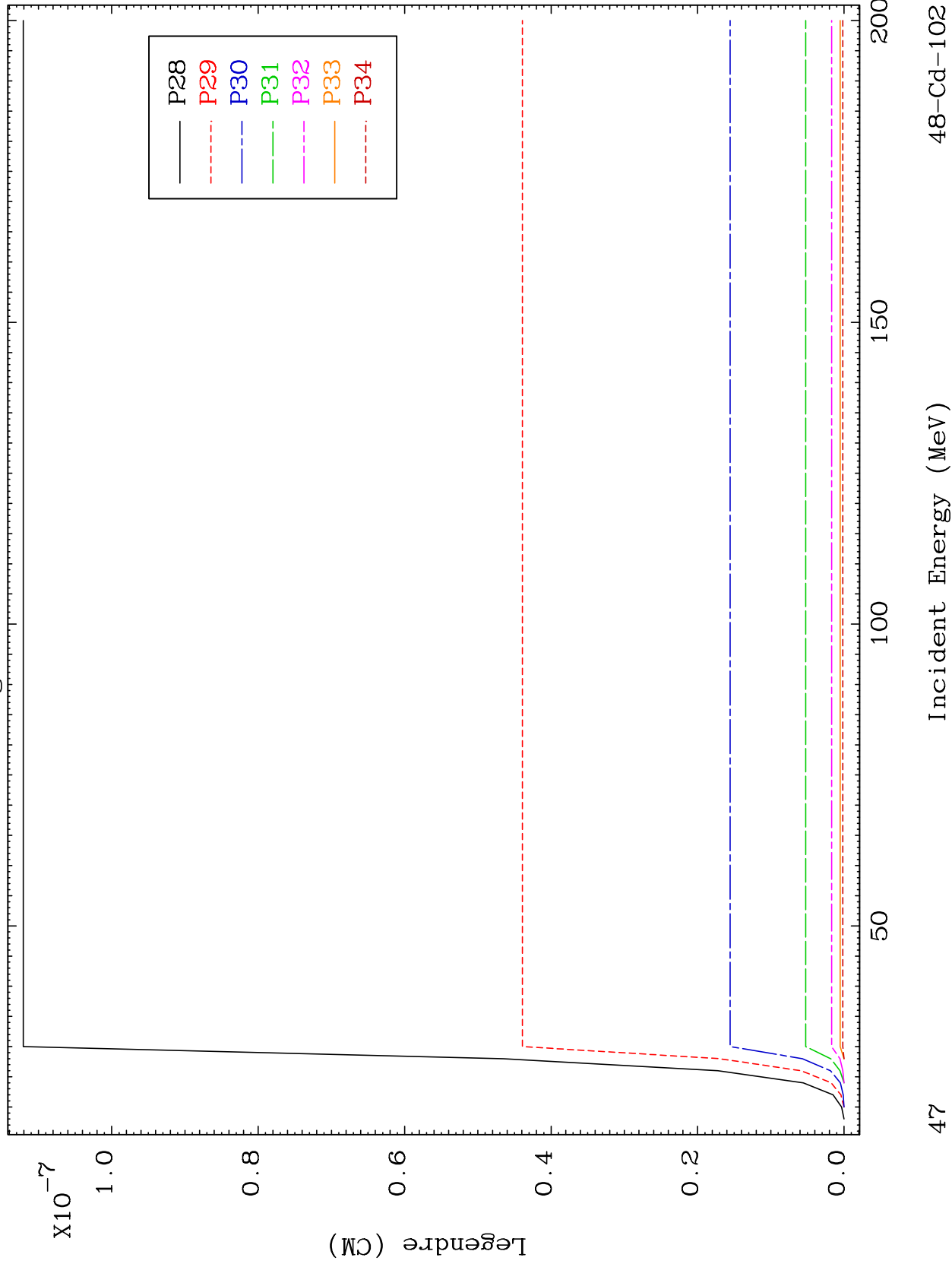
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



47

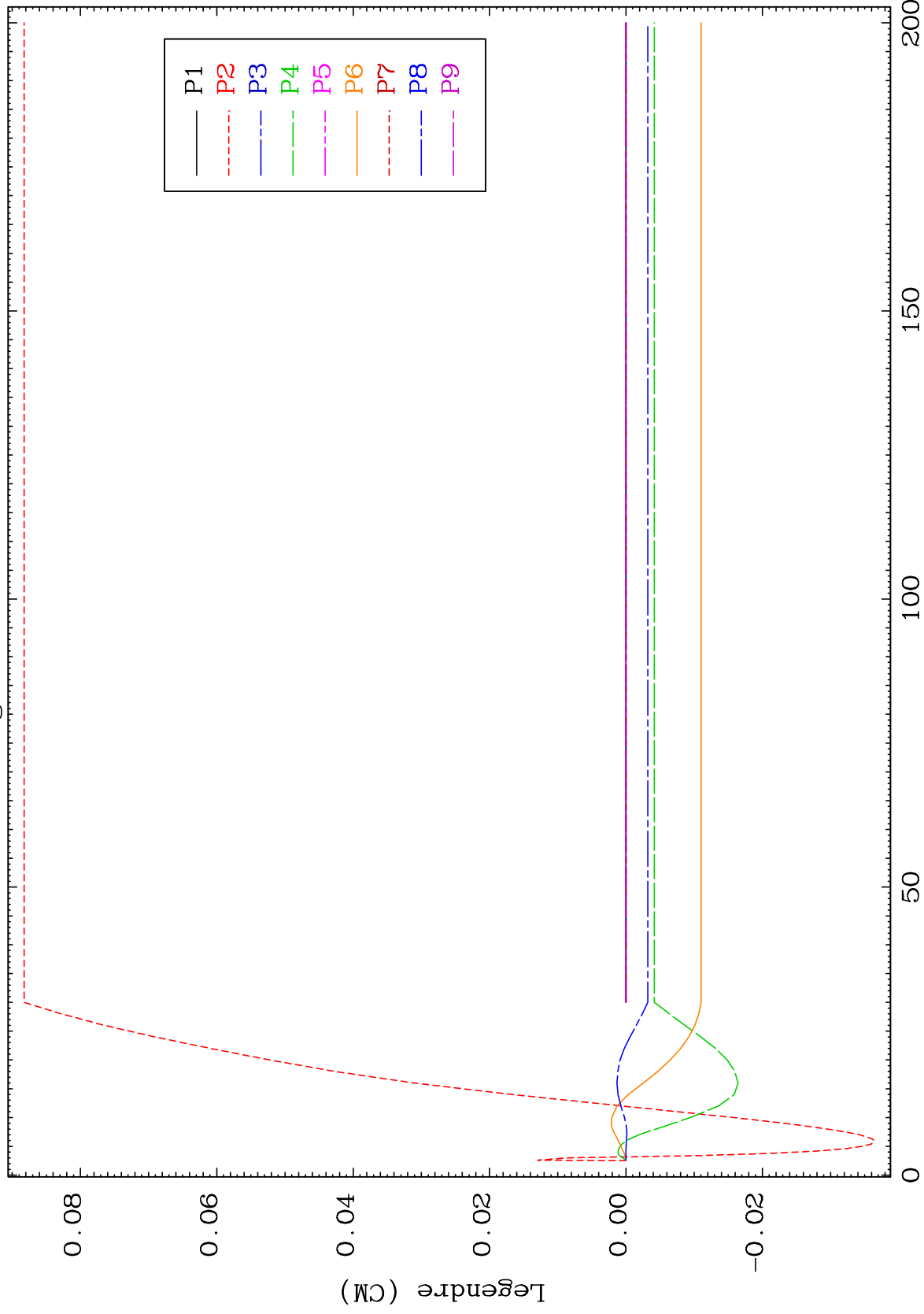
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48

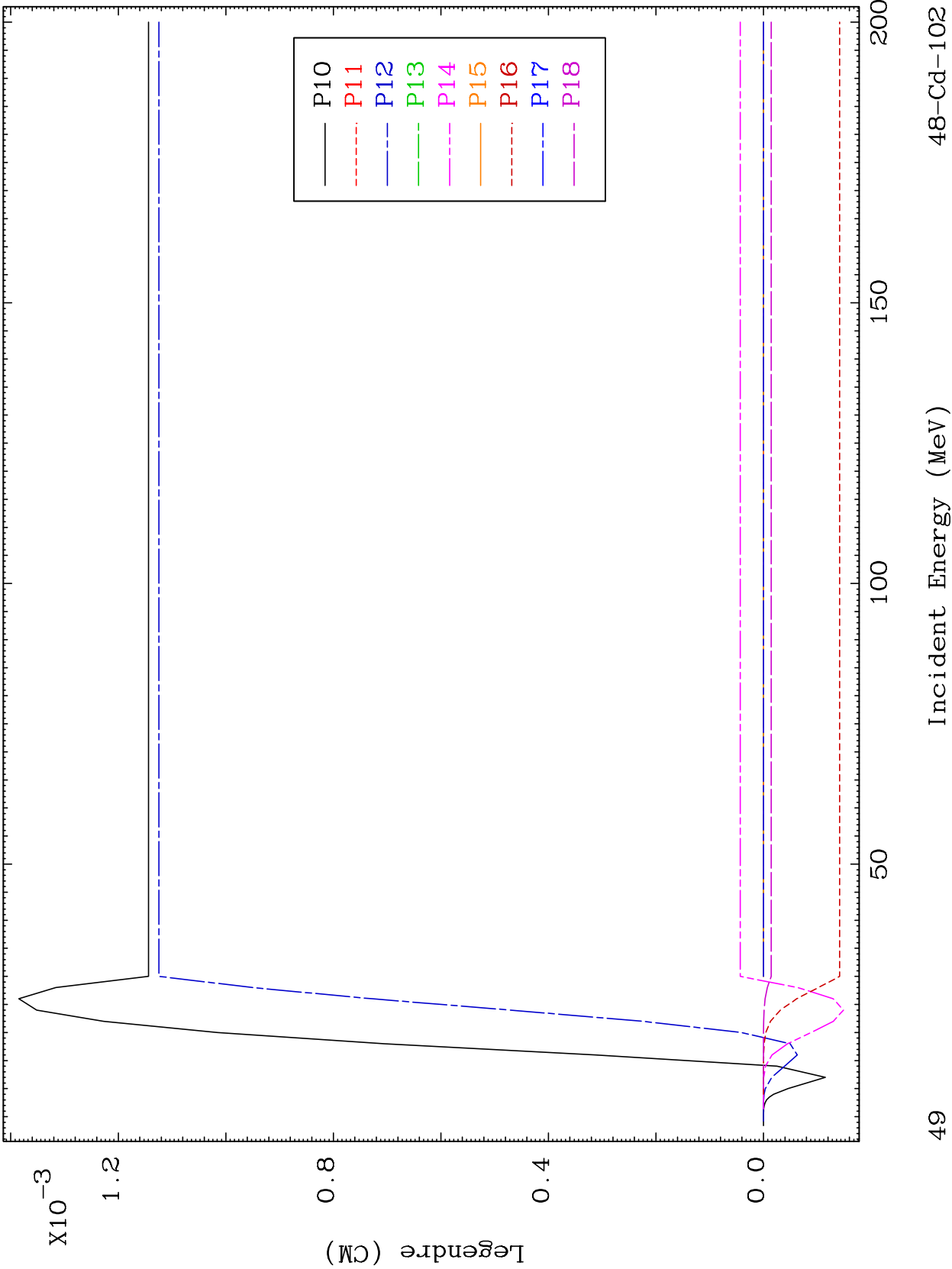
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

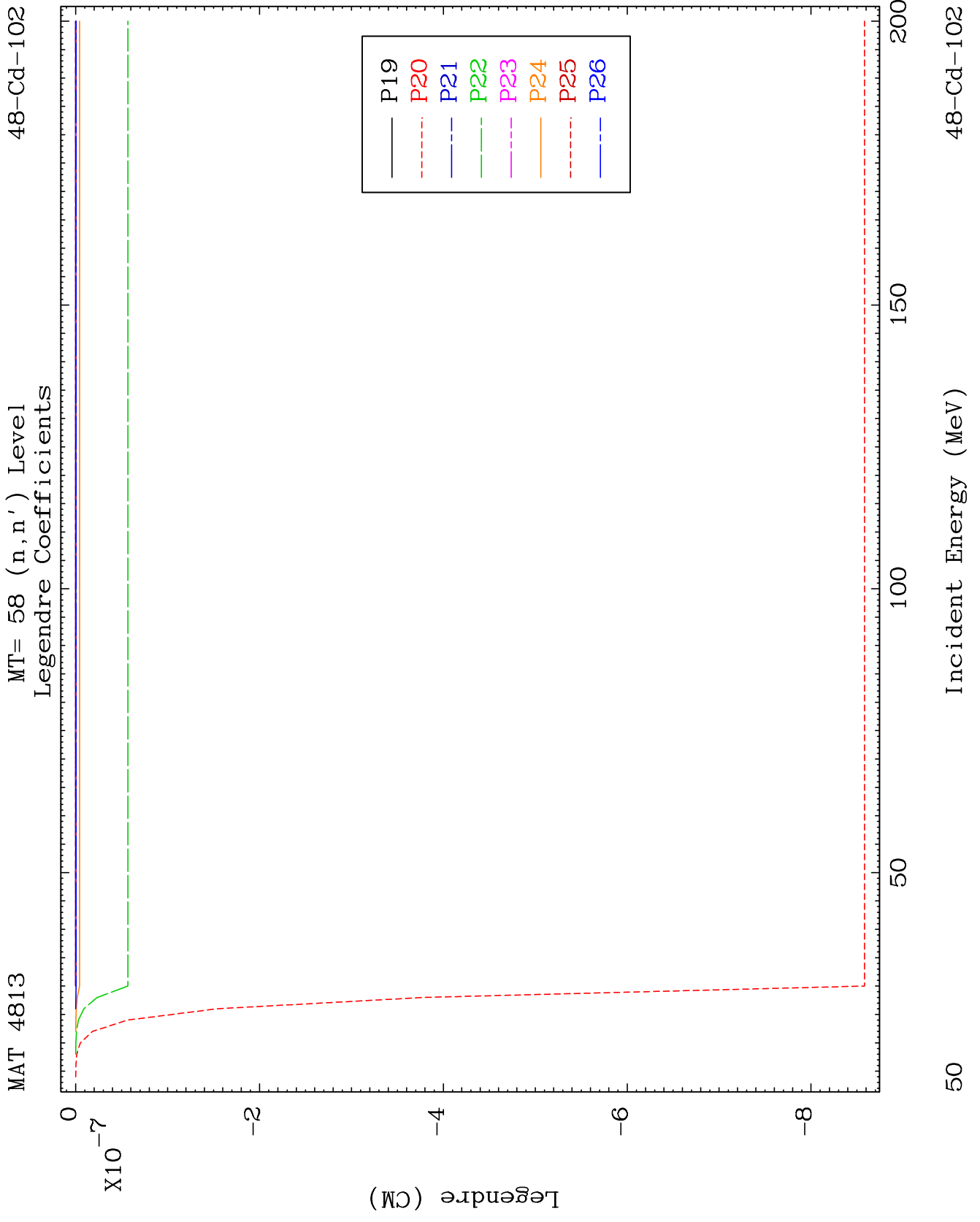
48-Cd-102



49

Incident Energy (MeV)

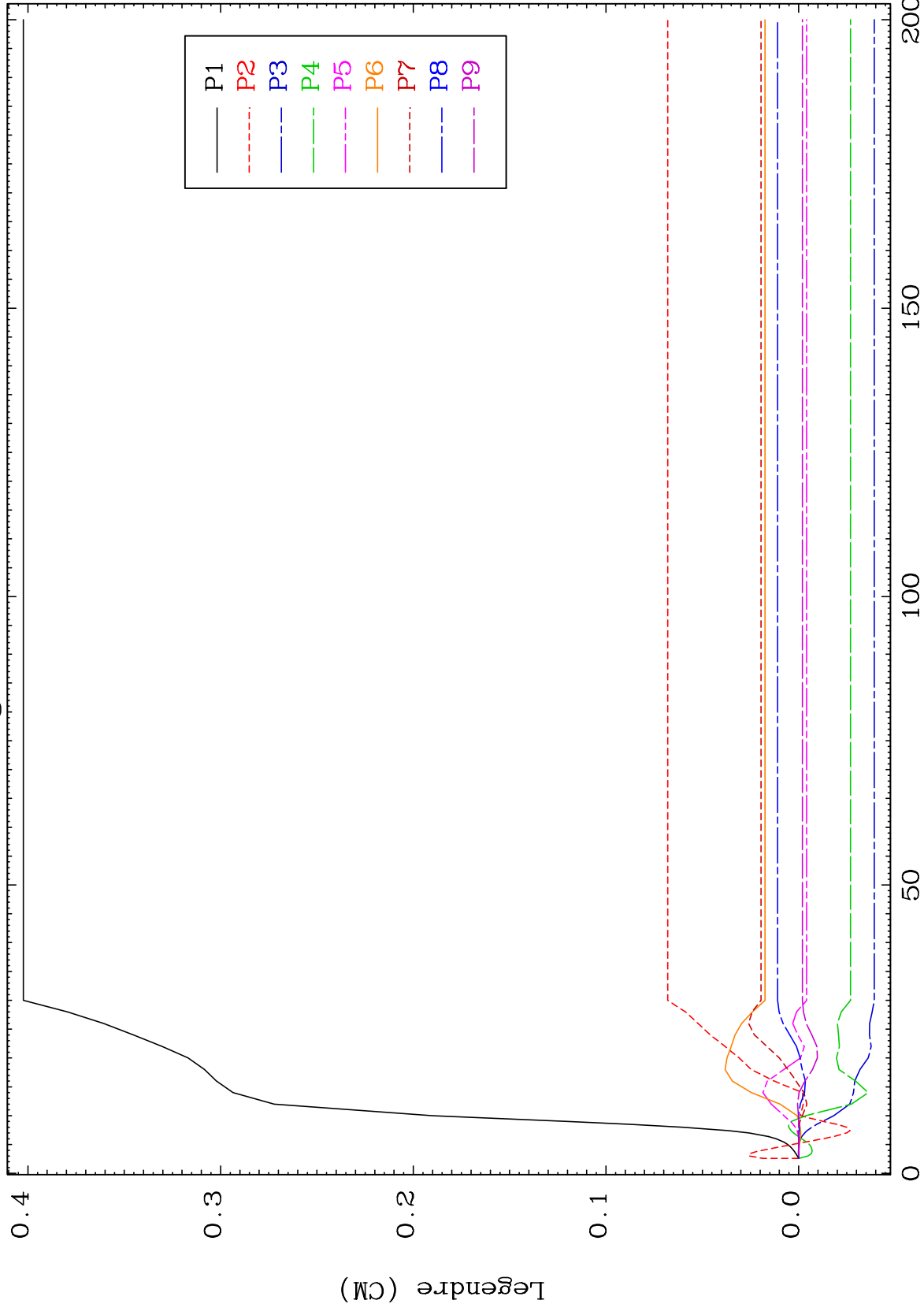
48-Cd-102



MAT 4813

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

48-Cd-102



51

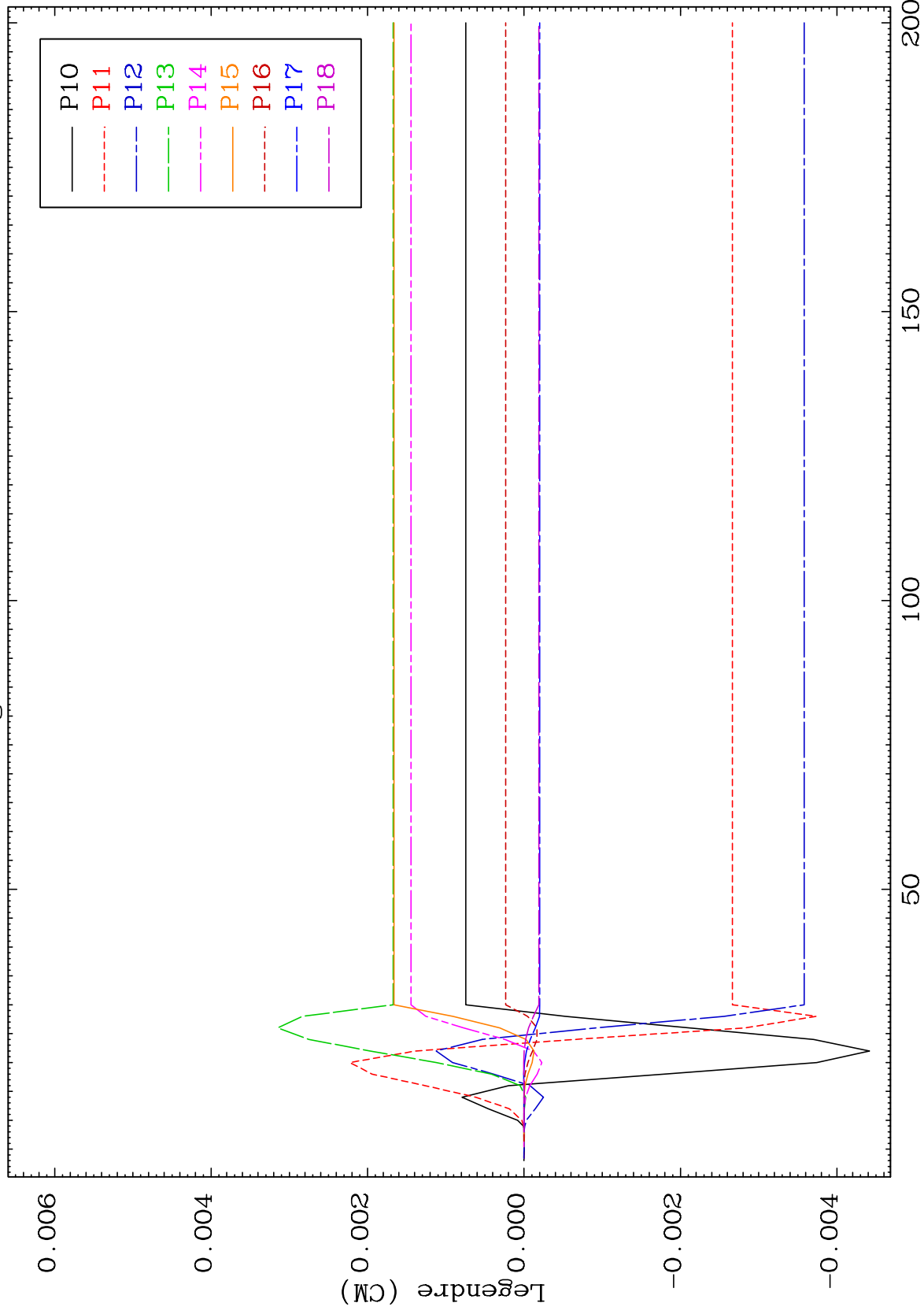
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

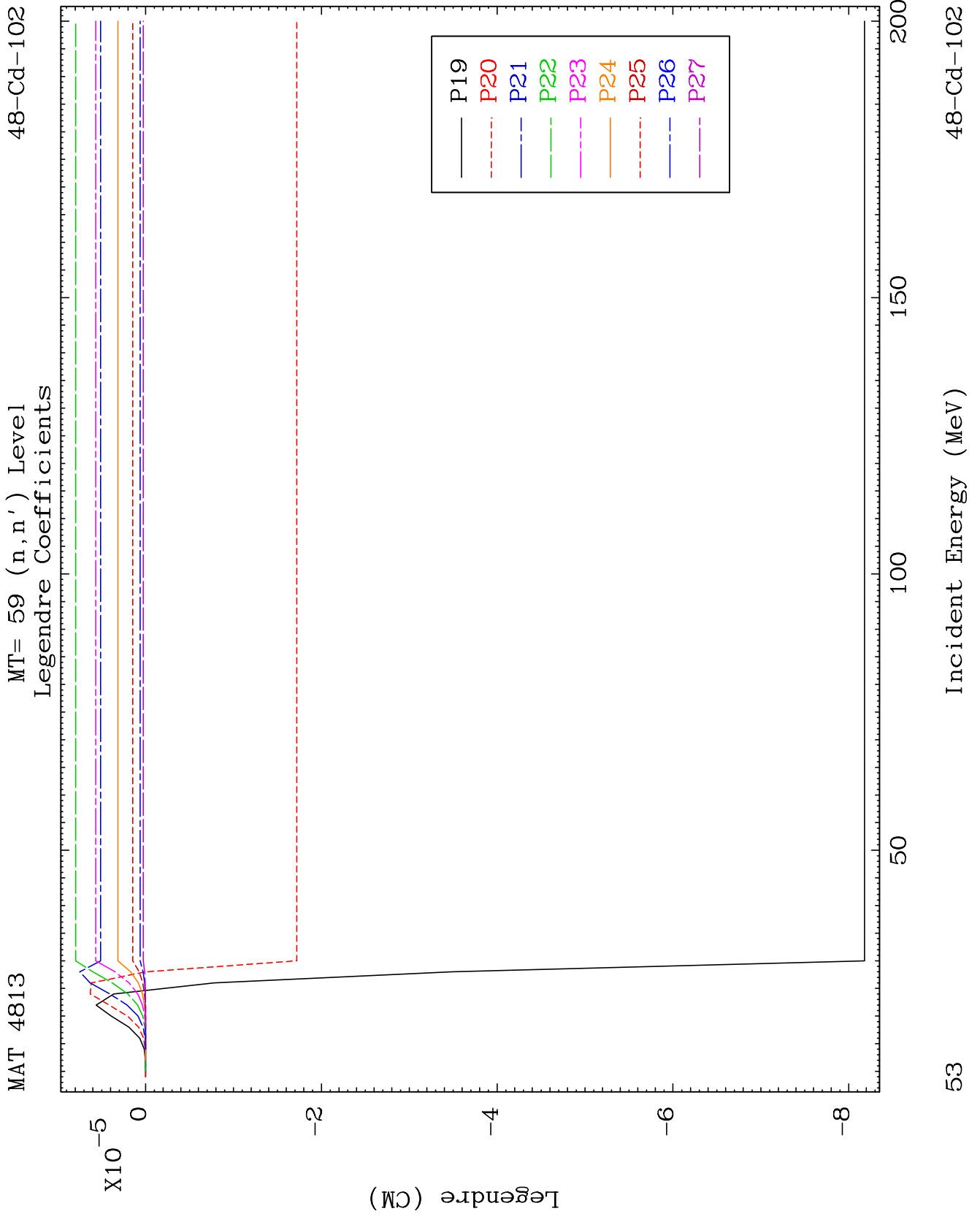
48-Cd-102



52

Incident Energy (MeV)

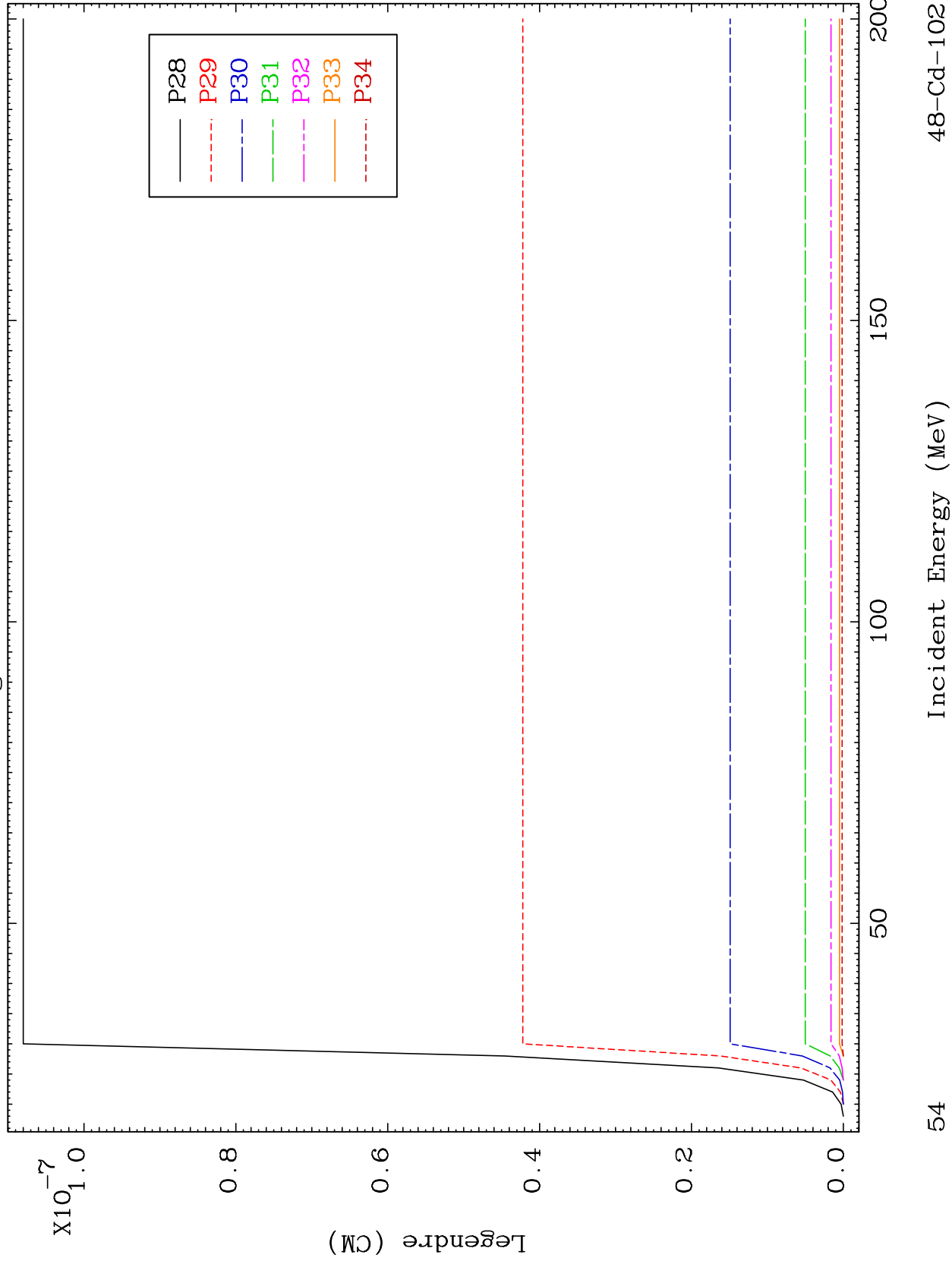
48-Cd-102



MAT 4813

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

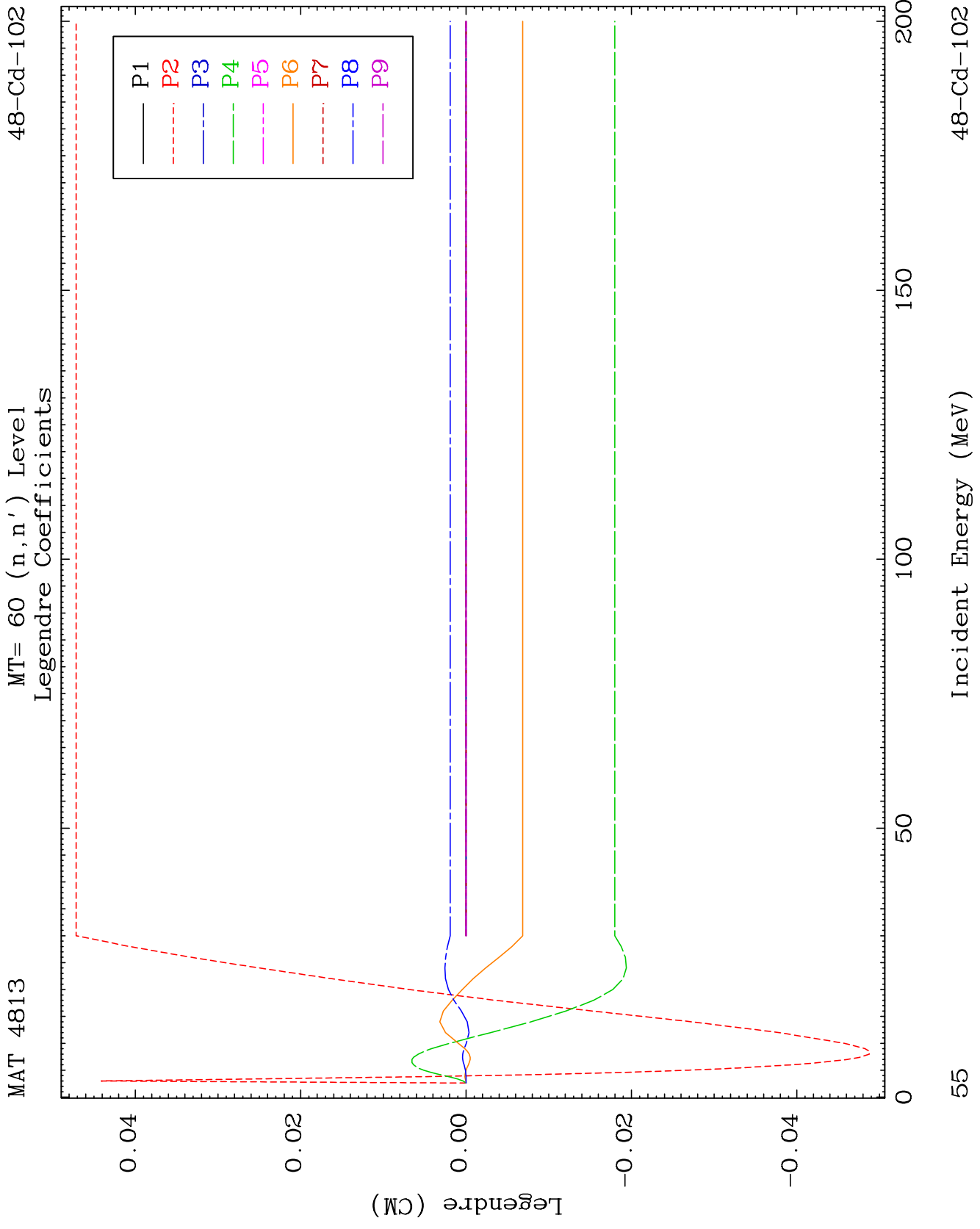
48-Cd-102



54

Incident Energy (MeV)

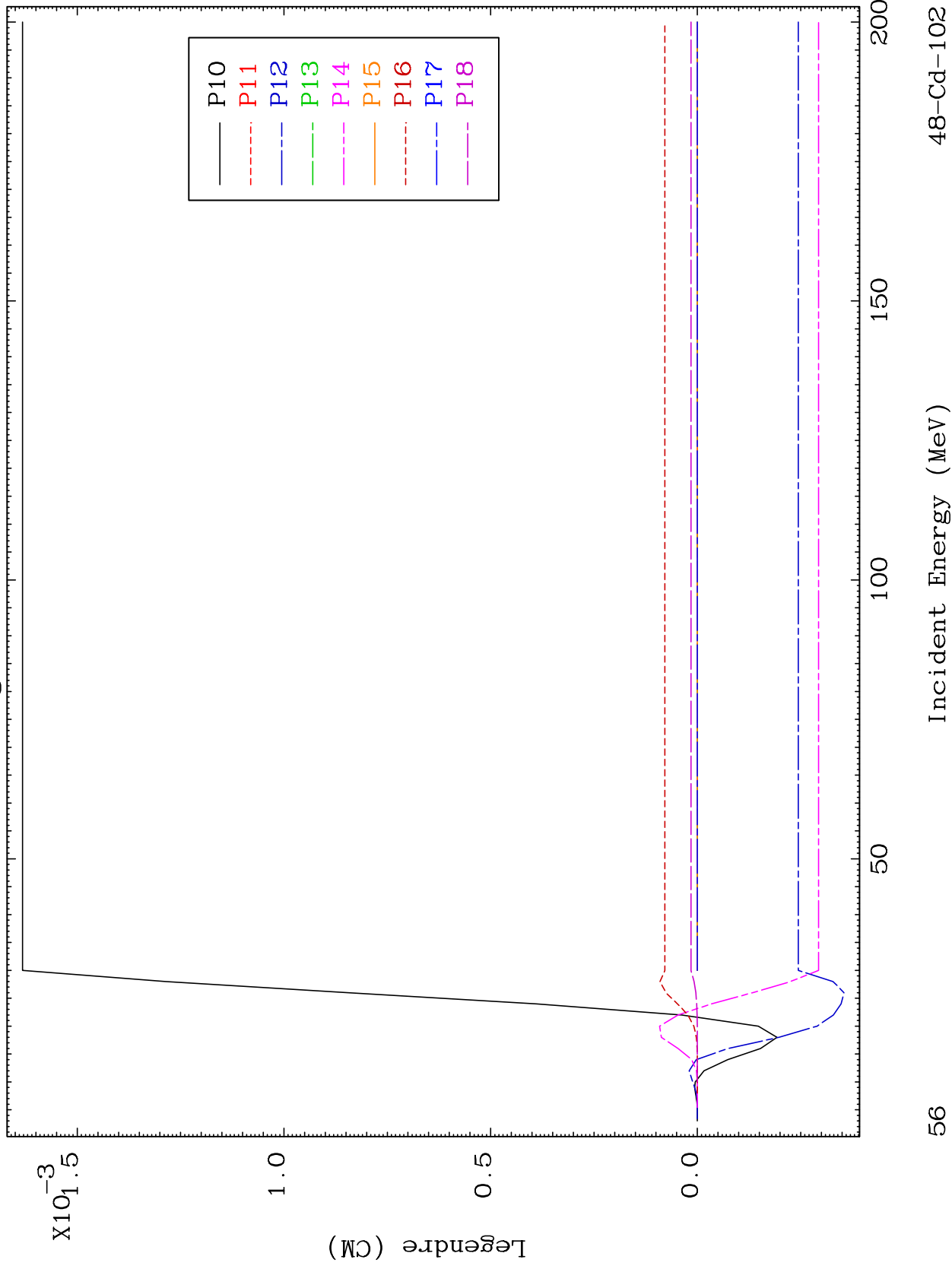
48-Cd-102

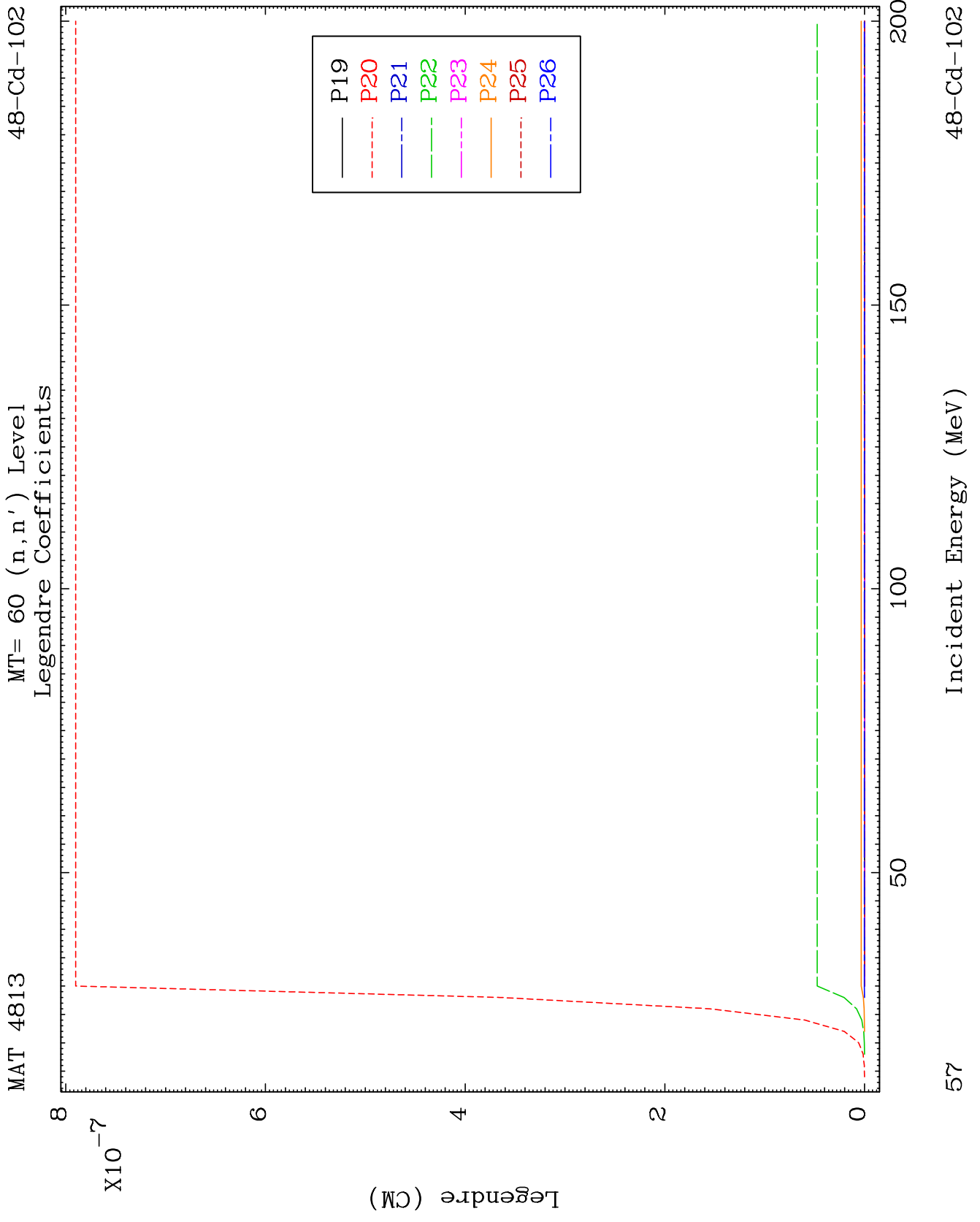


MAT 4813

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

48-Cd-102

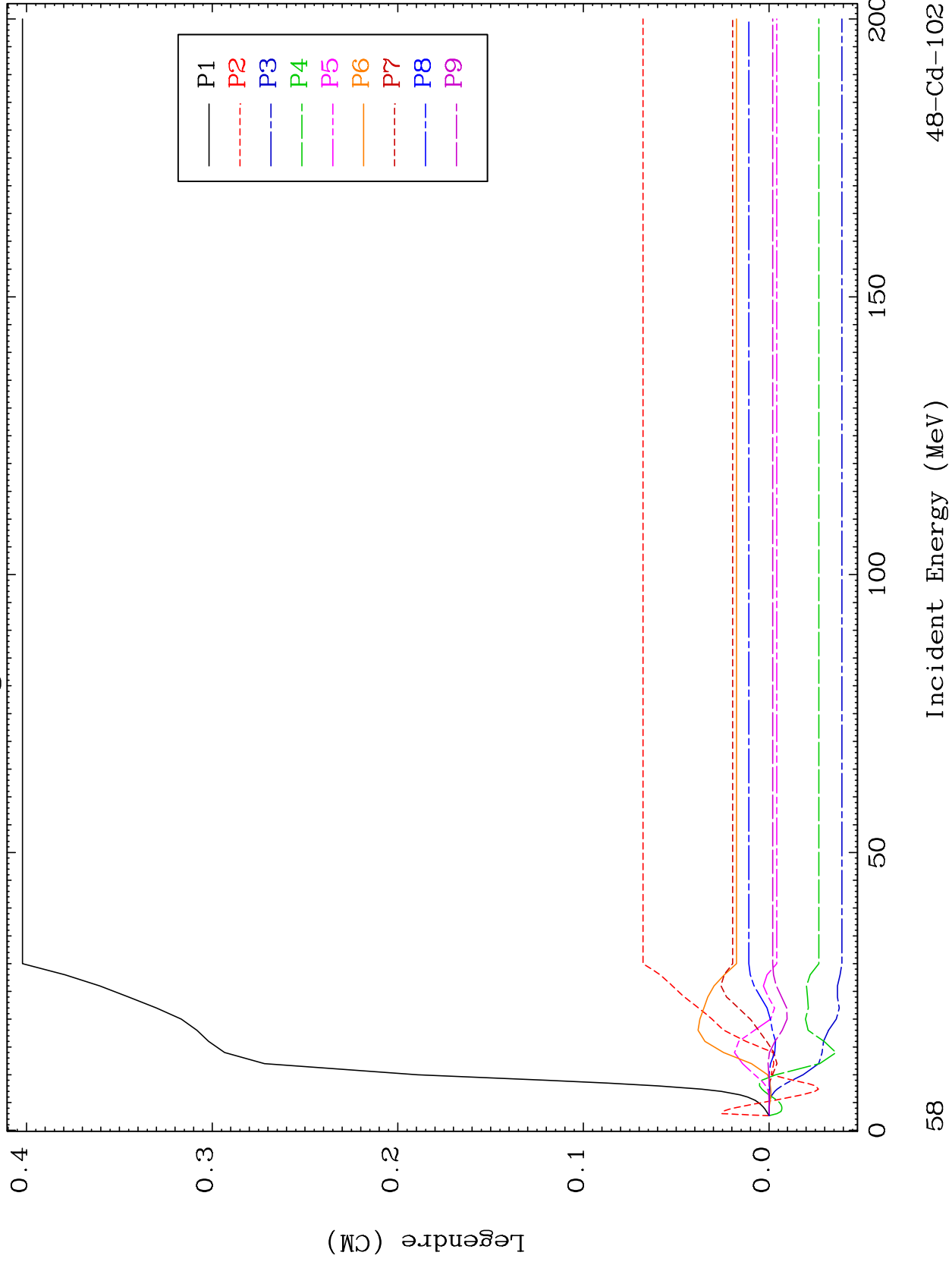




MAT 4813

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

48-Cd-102



48-Cd-102

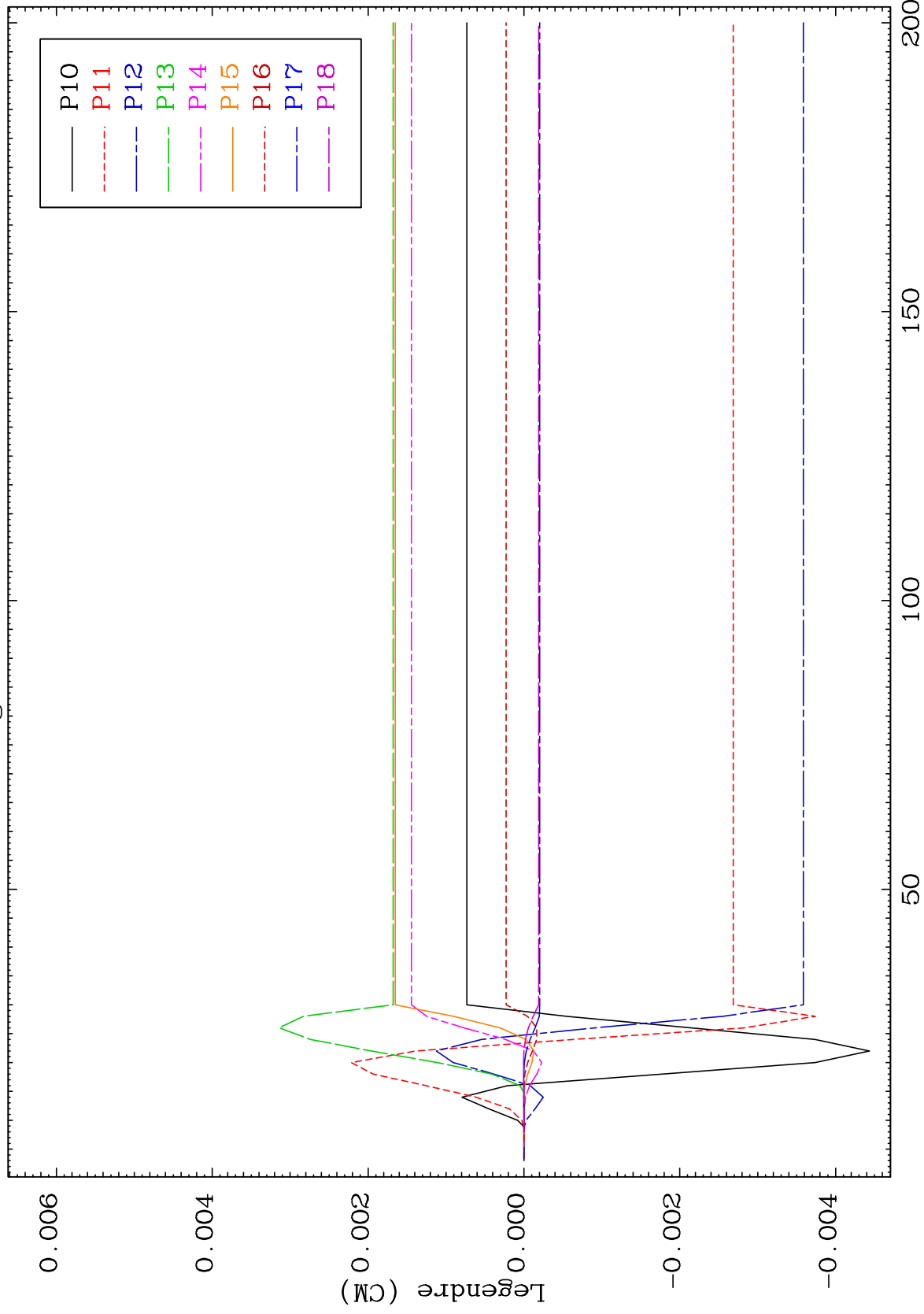
Incident Energy (MeV)

58

MAT 4813

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

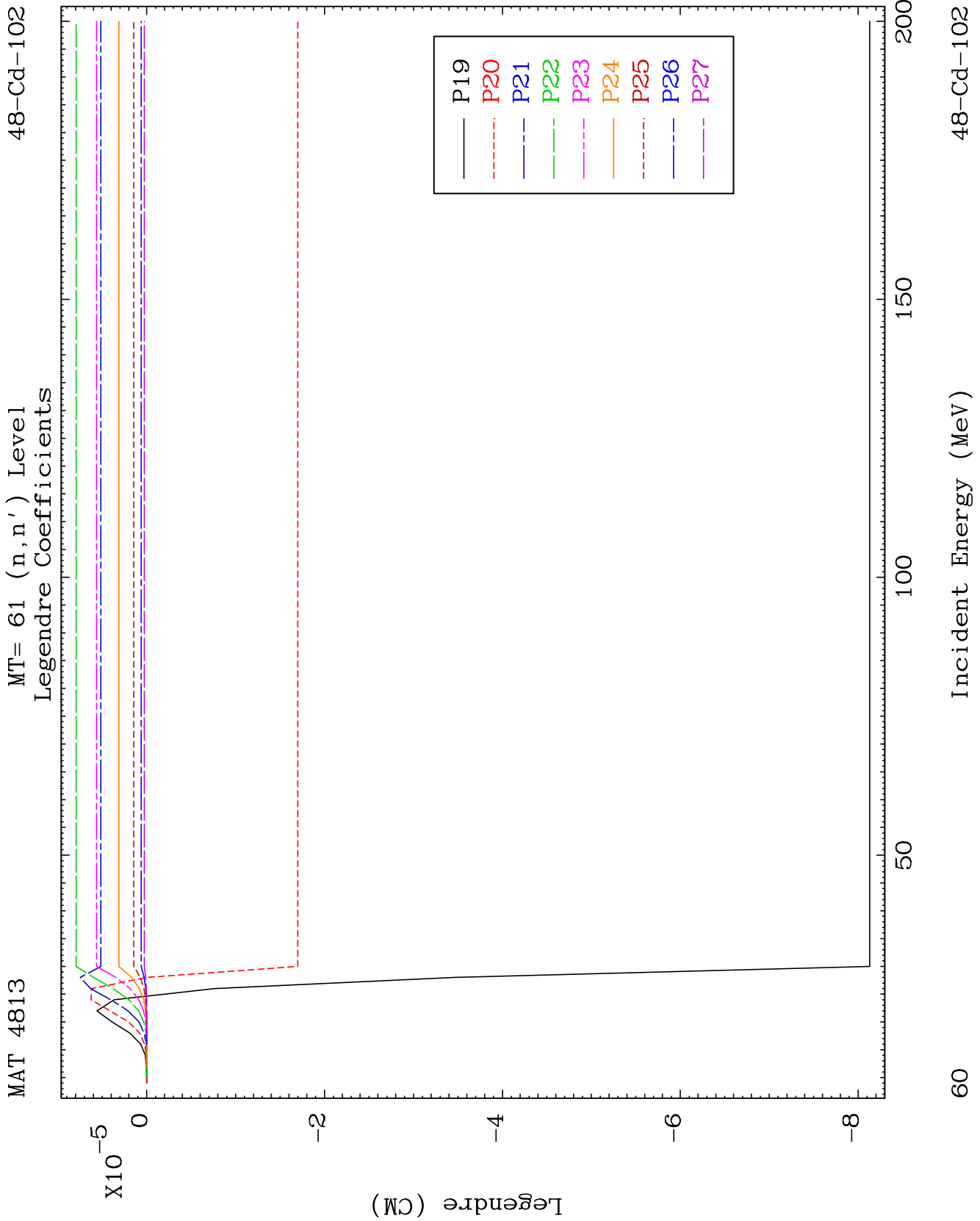
48-Cd-102



59

Incident Energy (MeV)

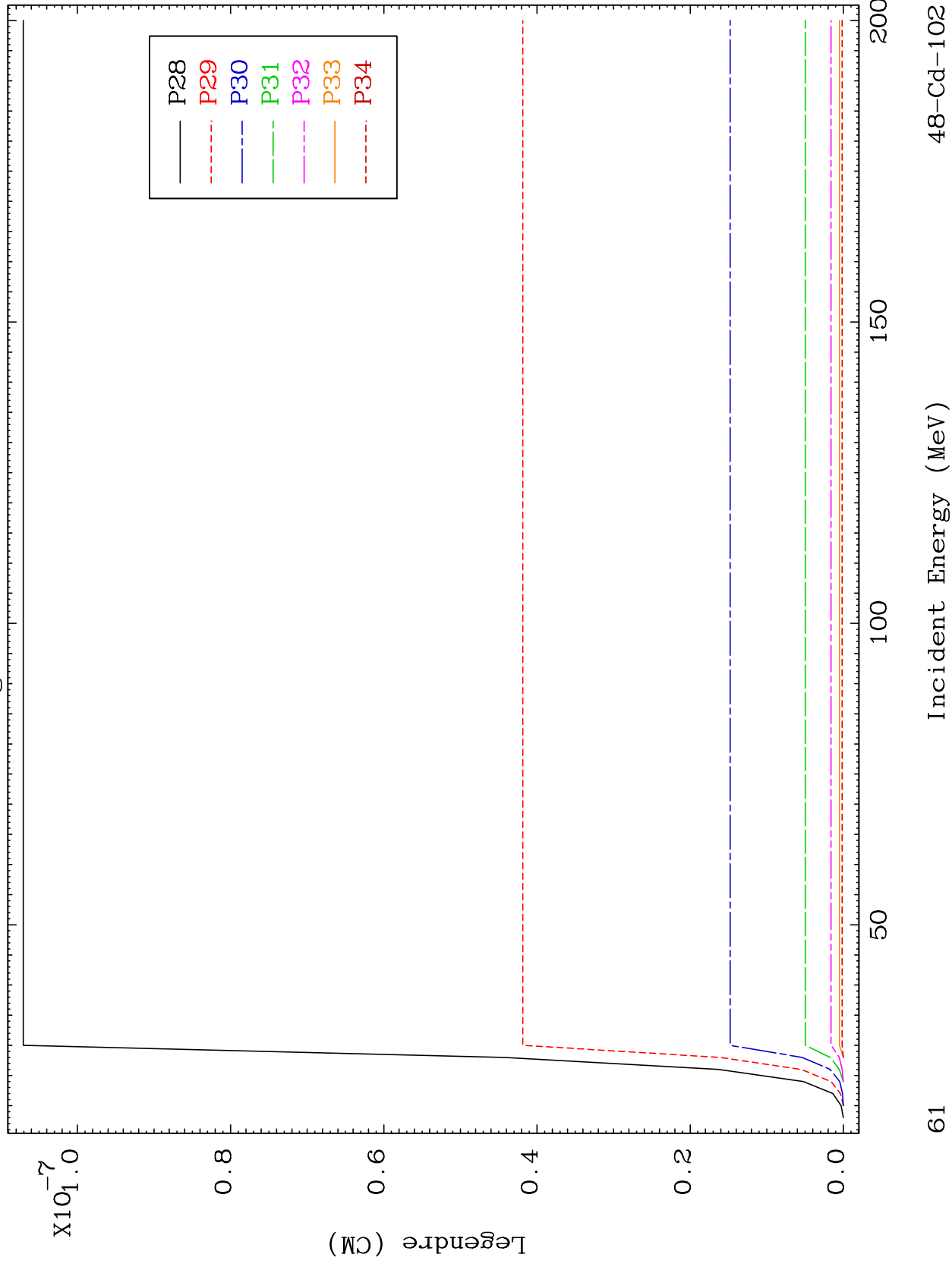
48-Cd-102



MAT 4813

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

48-Cd-102



61

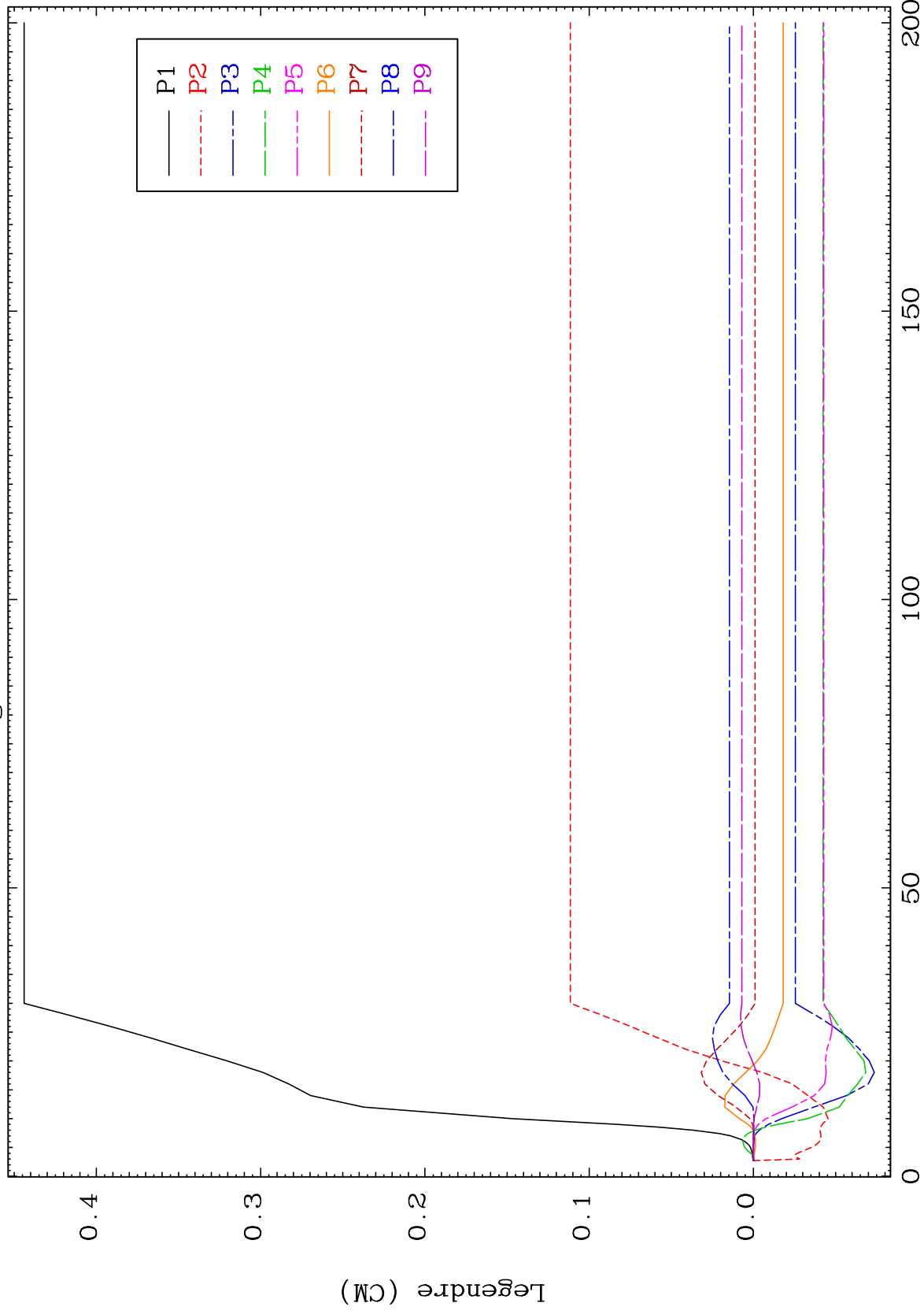
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



62

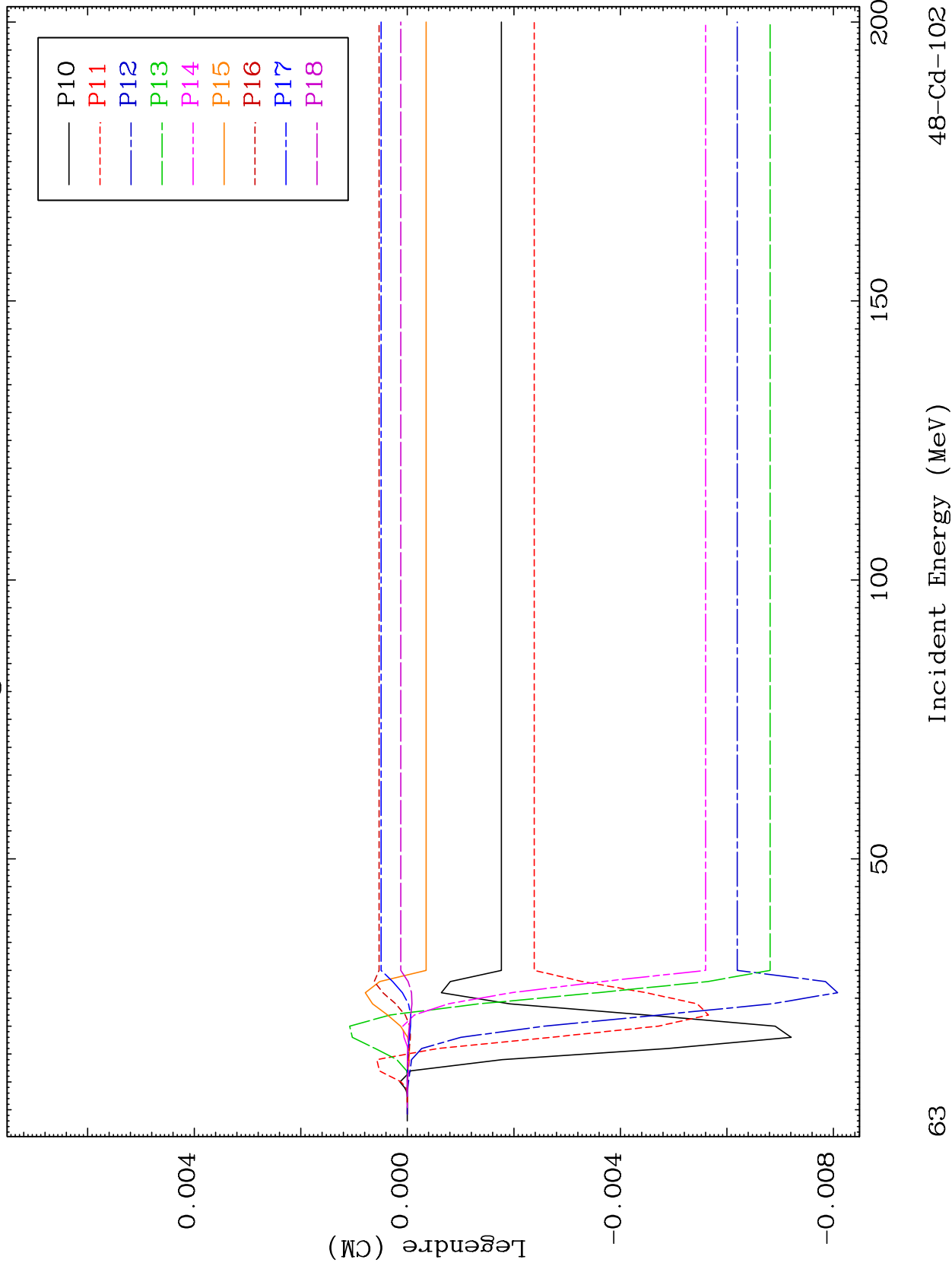
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



63

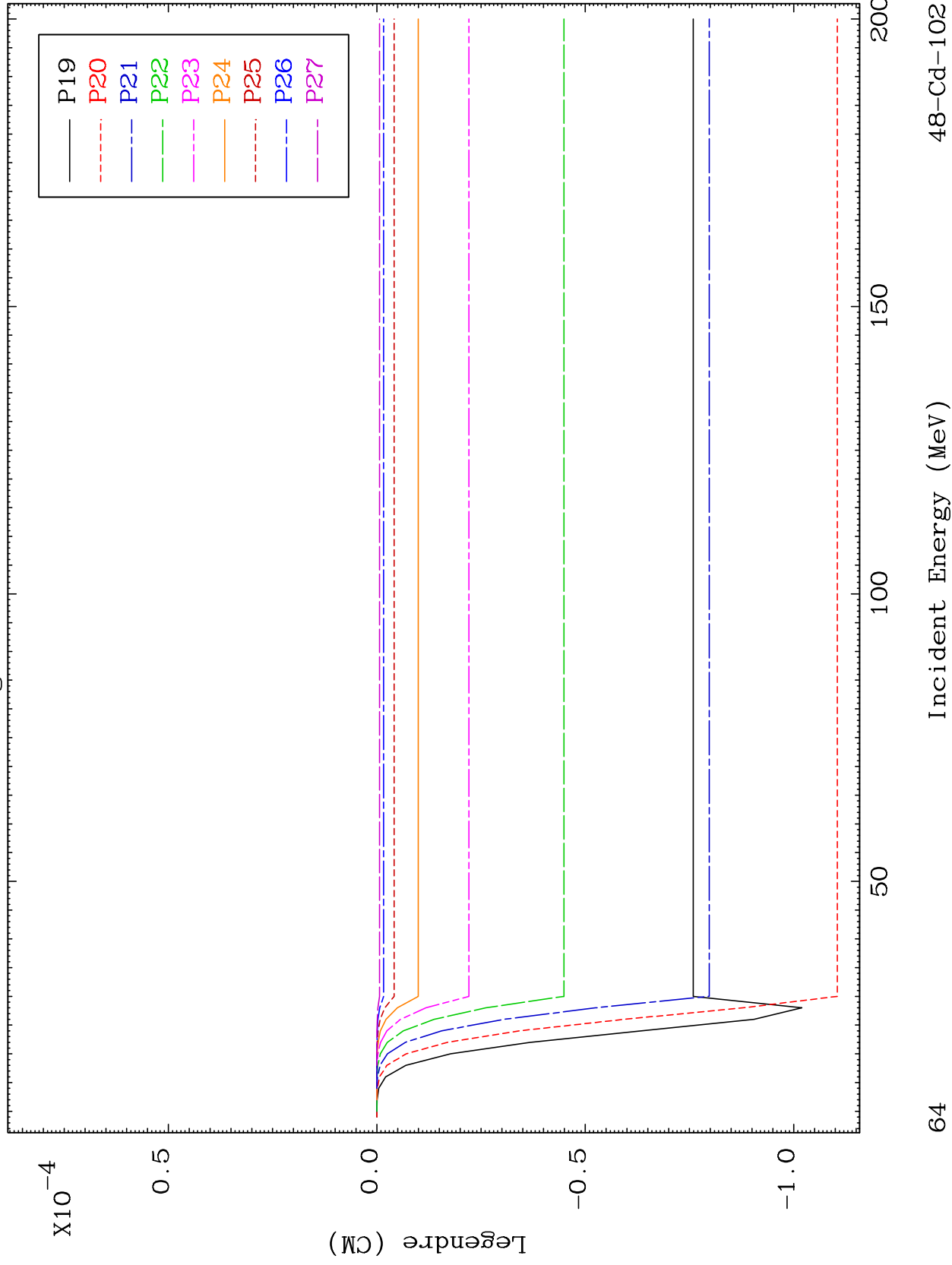
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

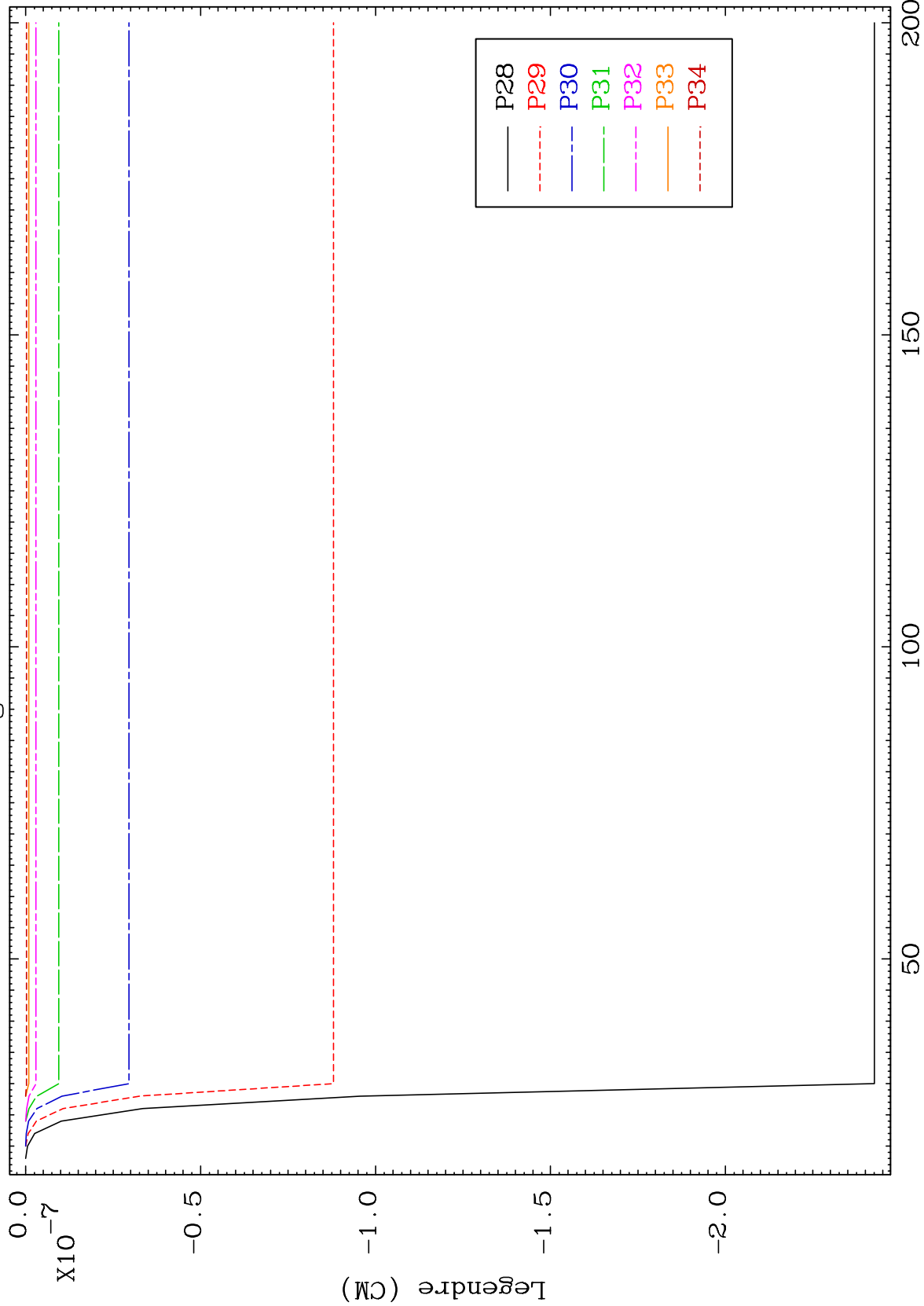


MAT 4813

MT= 62 (n,n') Level

48-Cd-102

Legendre Coefficients



65

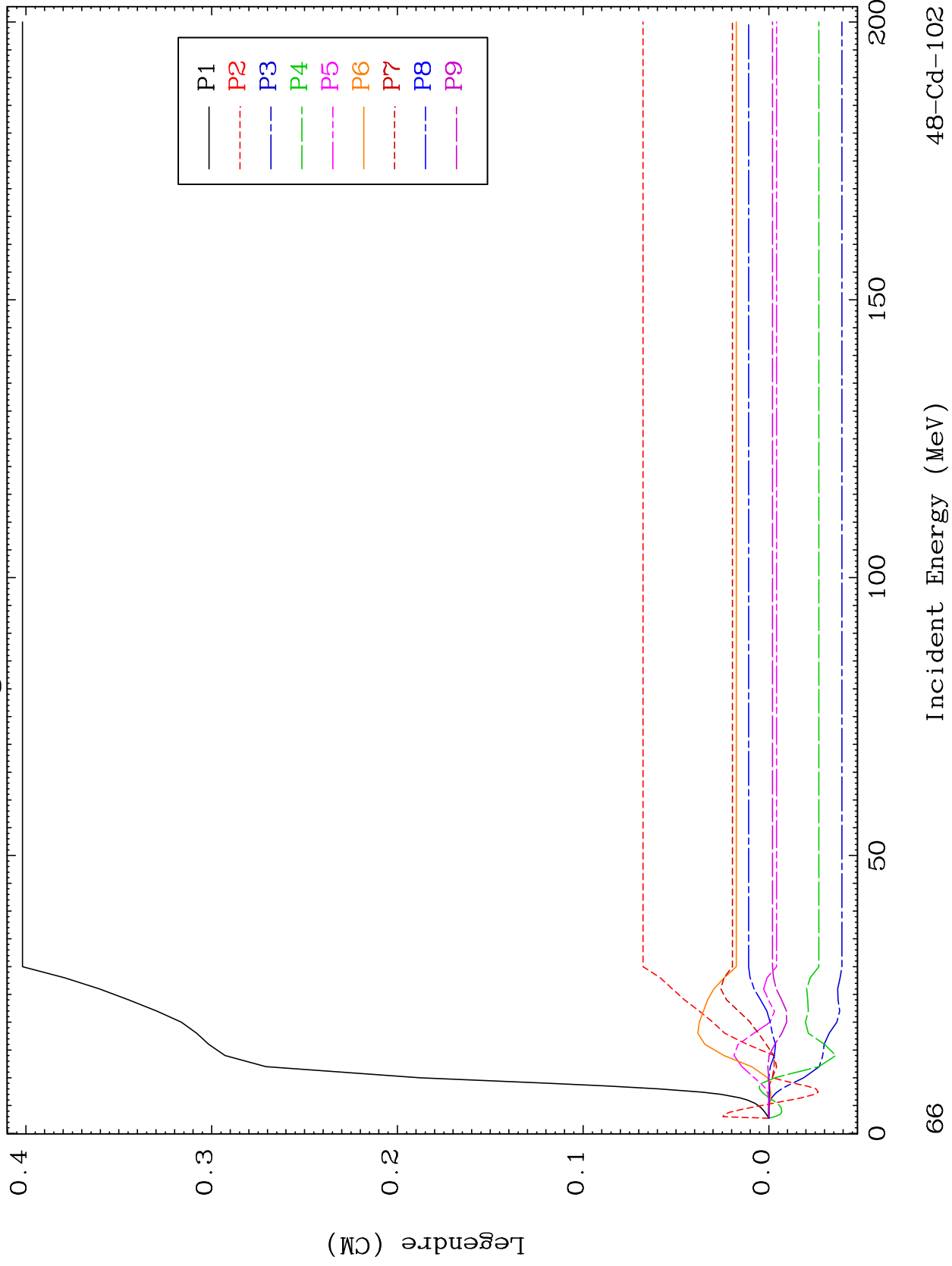
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

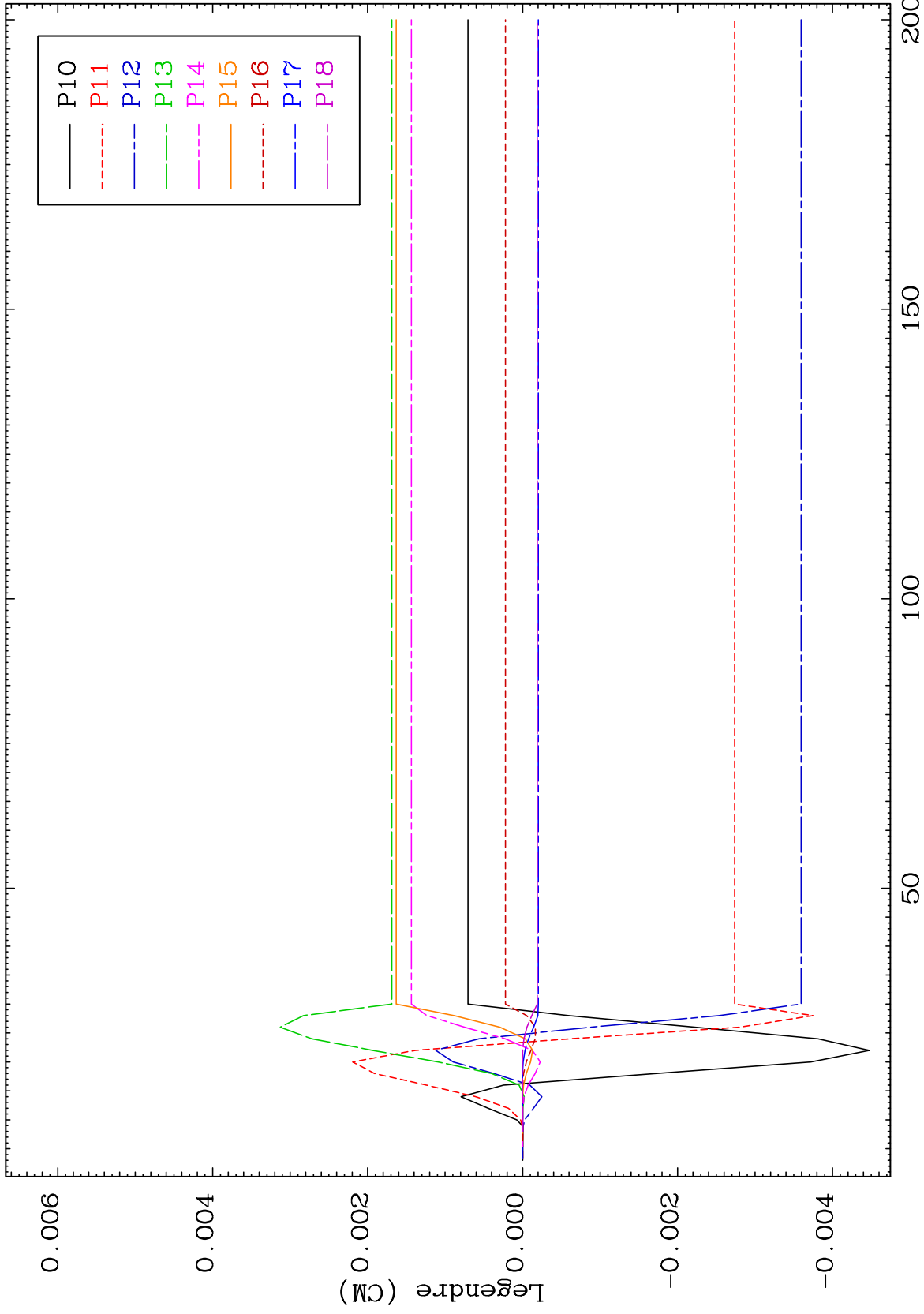
48-Cd-102



MAT 4813

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

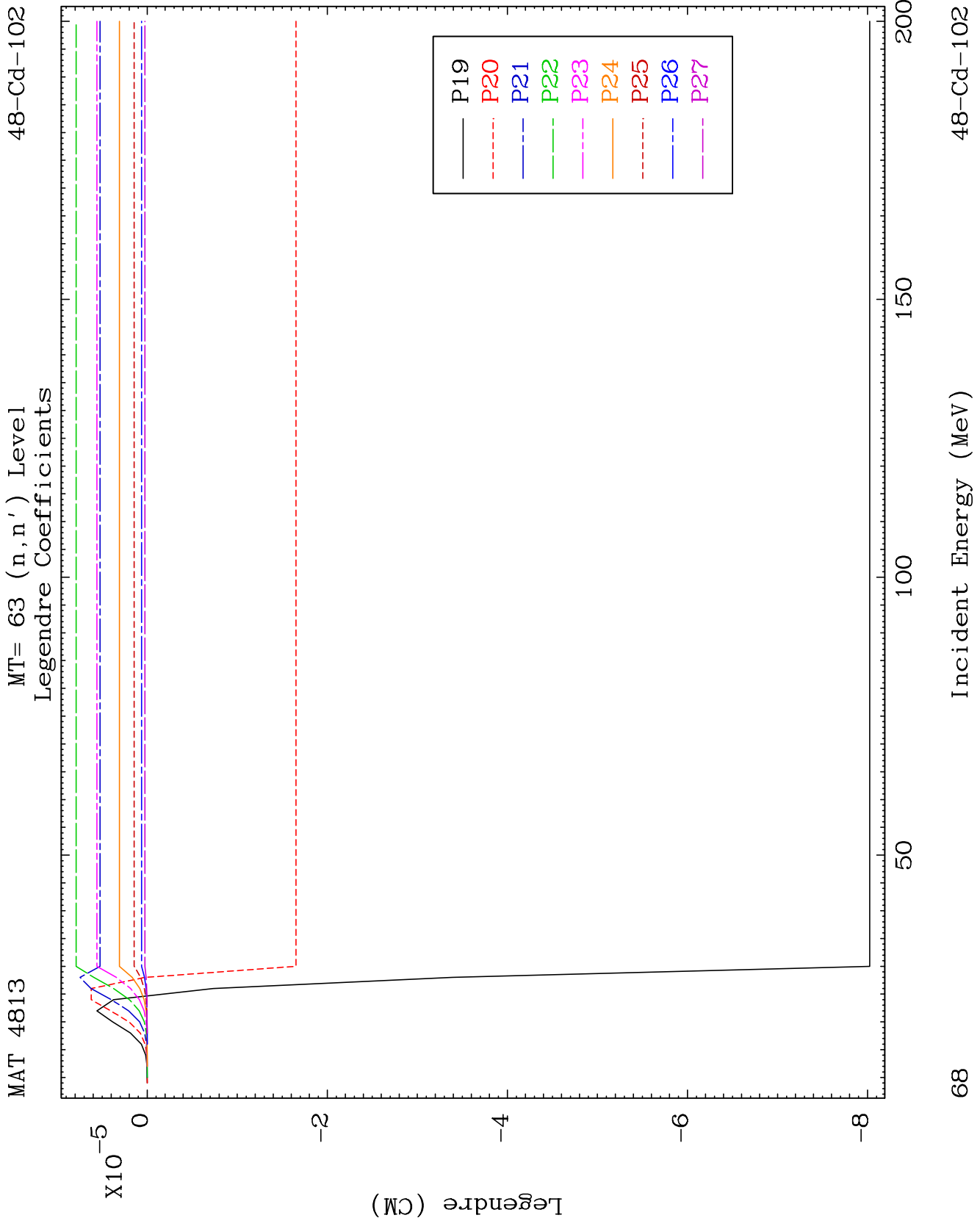
48-Cd-102



67

Incident Energy (MeV)

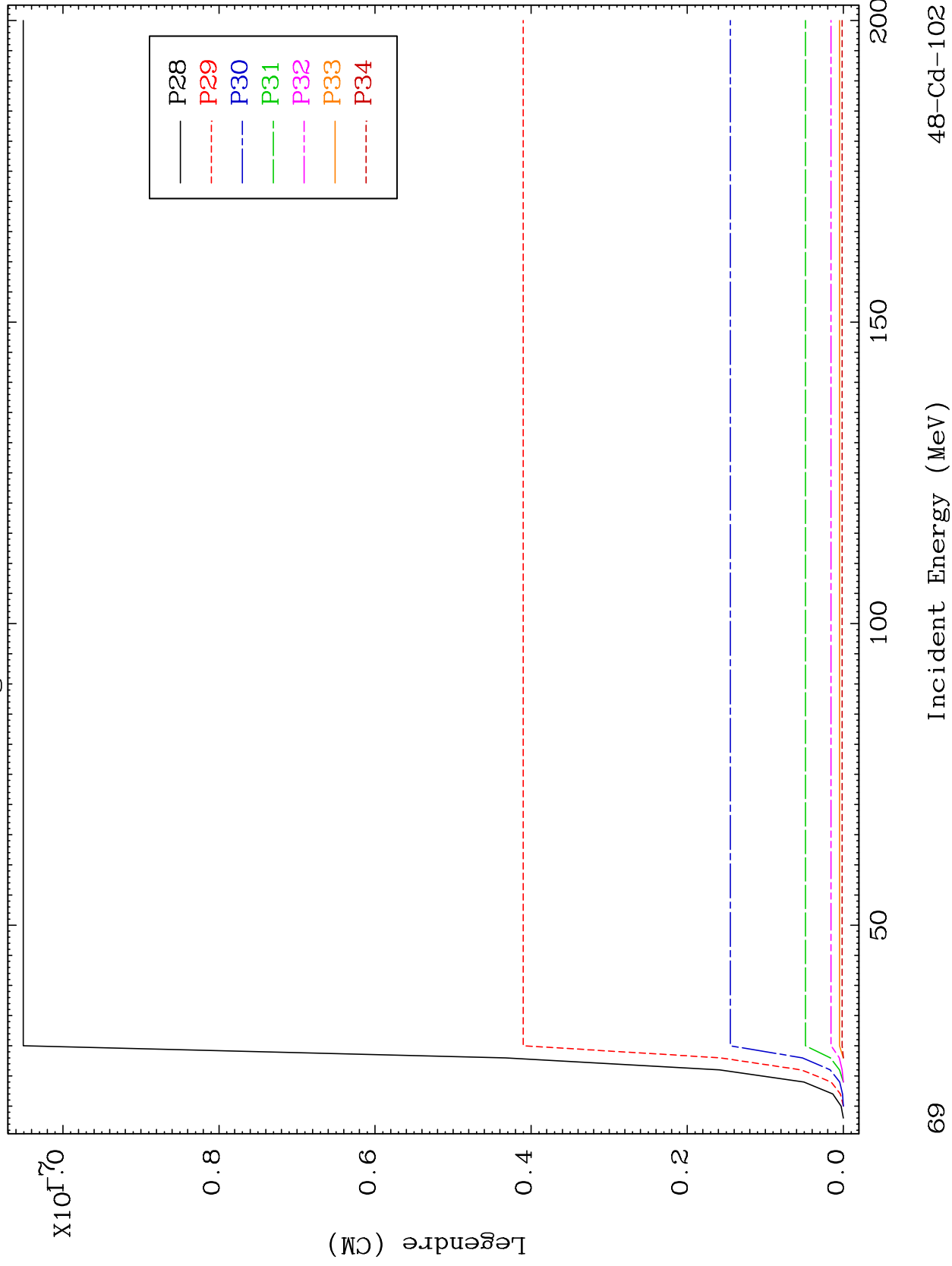
48-Cd-102



MAT 4813

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

48-Cd-102

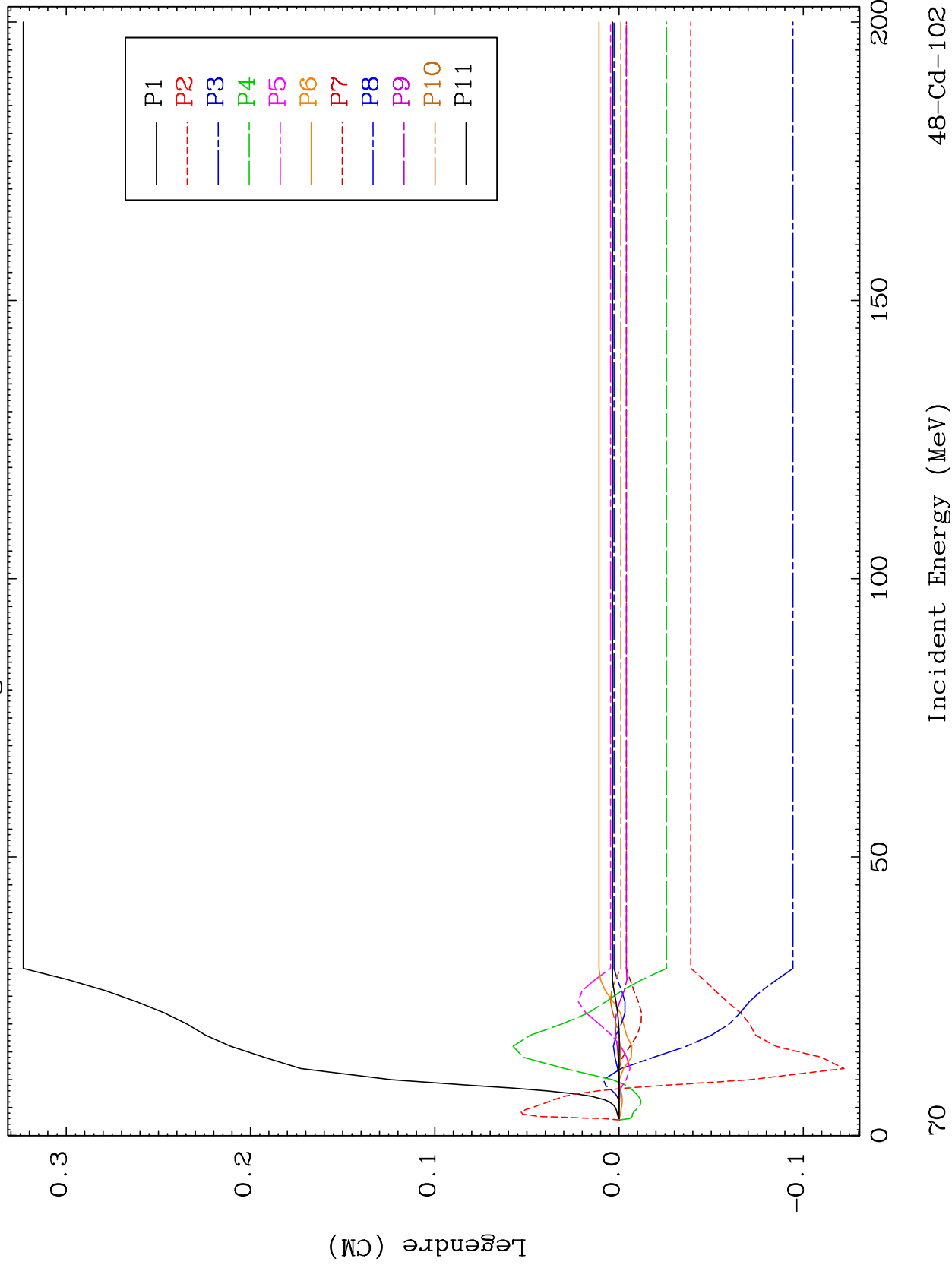


69

MAT 4813

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

48-Cd-102



48-Cd-102

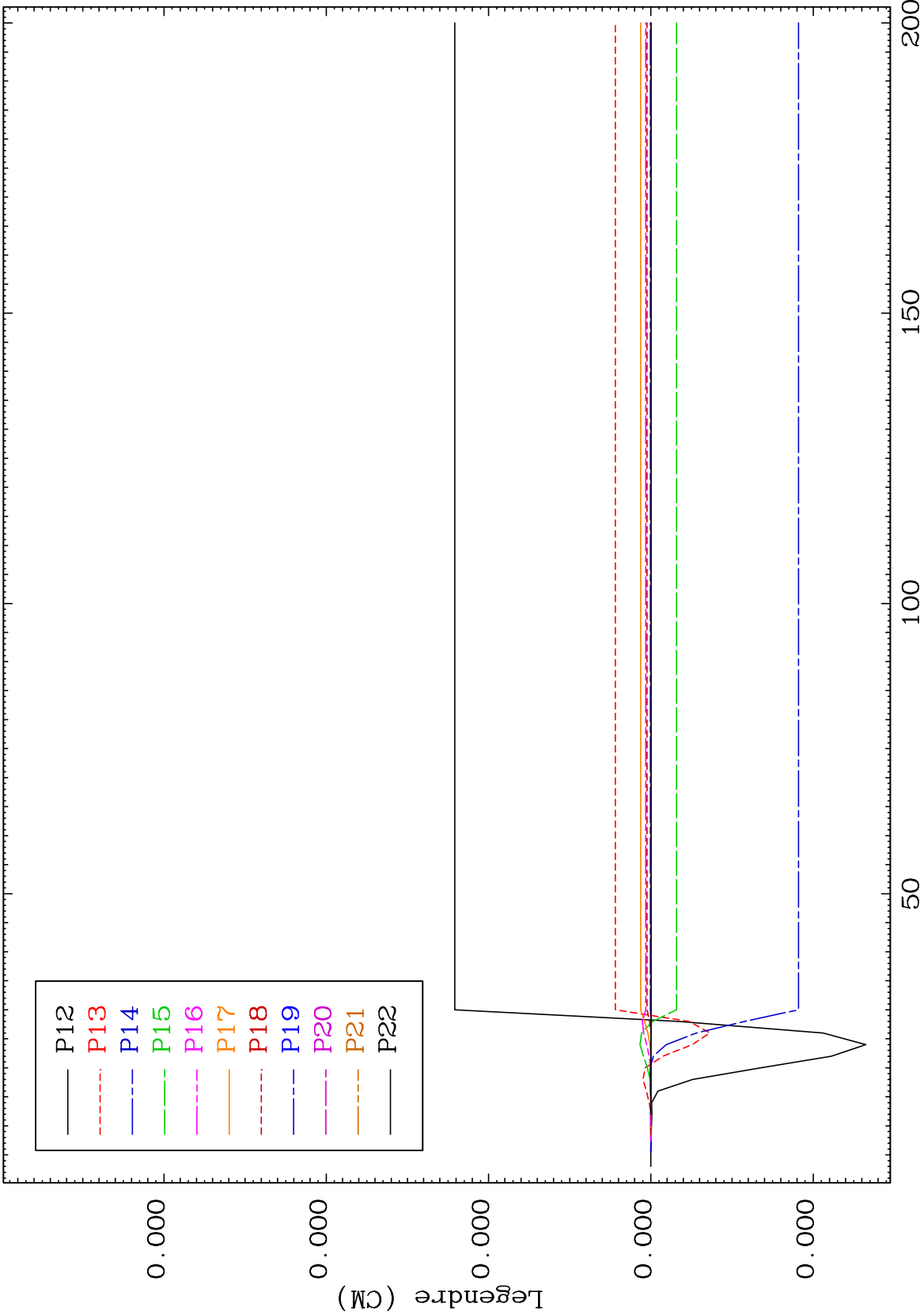
Incident Energy (MeV)

70

MAT 4813

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

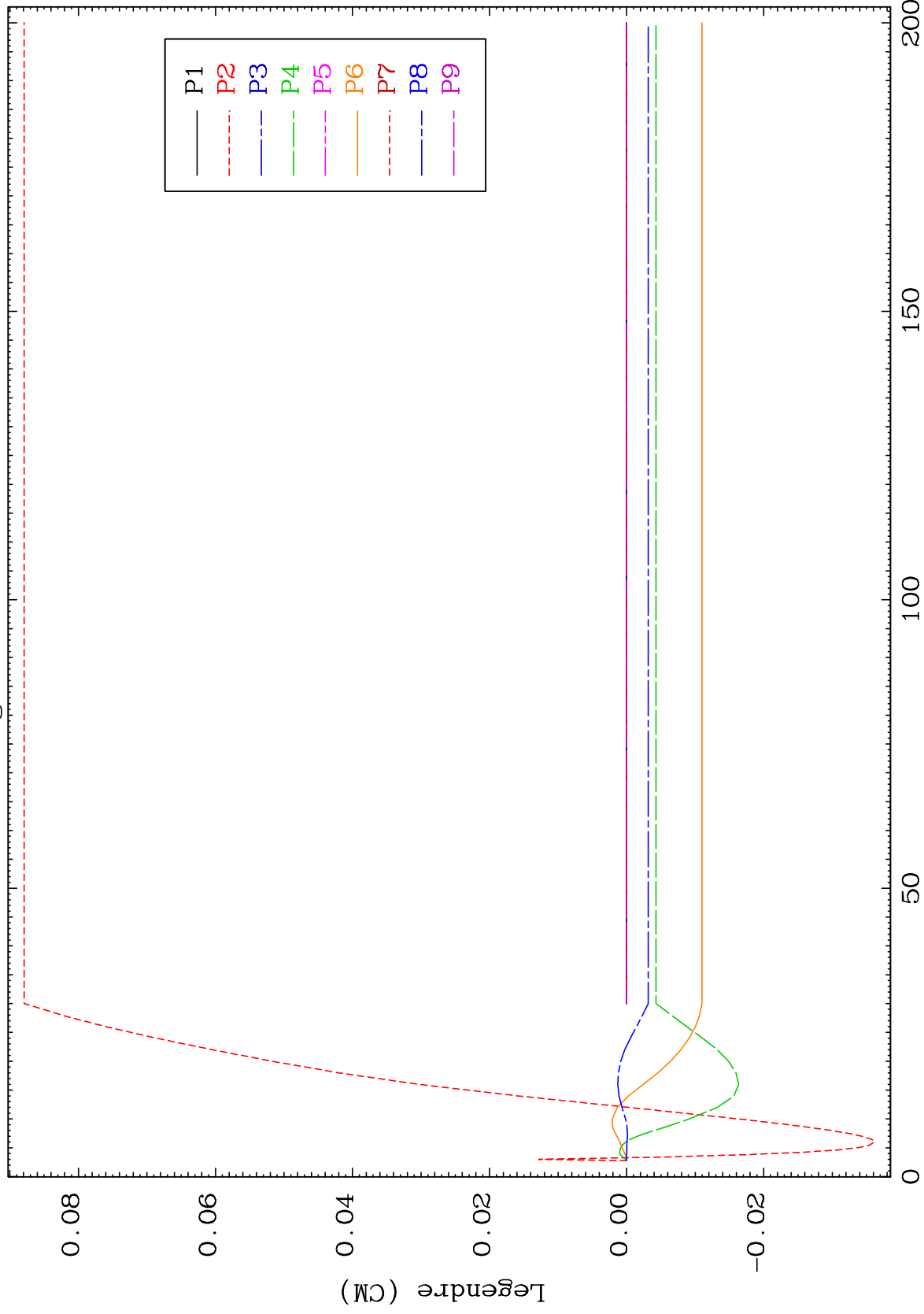
48-Cd-102



MAT 4813

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

48-Cd-102



73

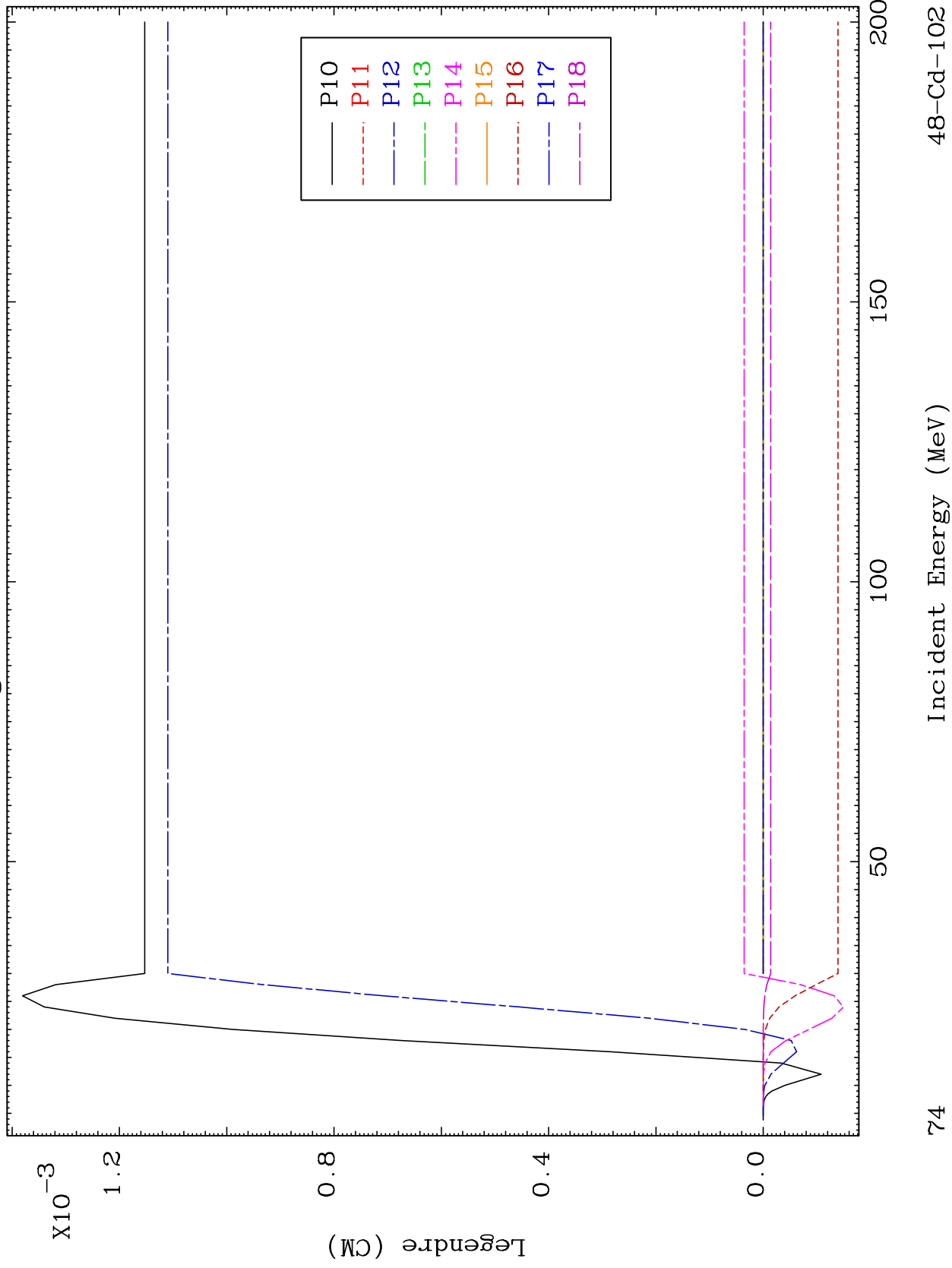
Incident Energy (MeV)

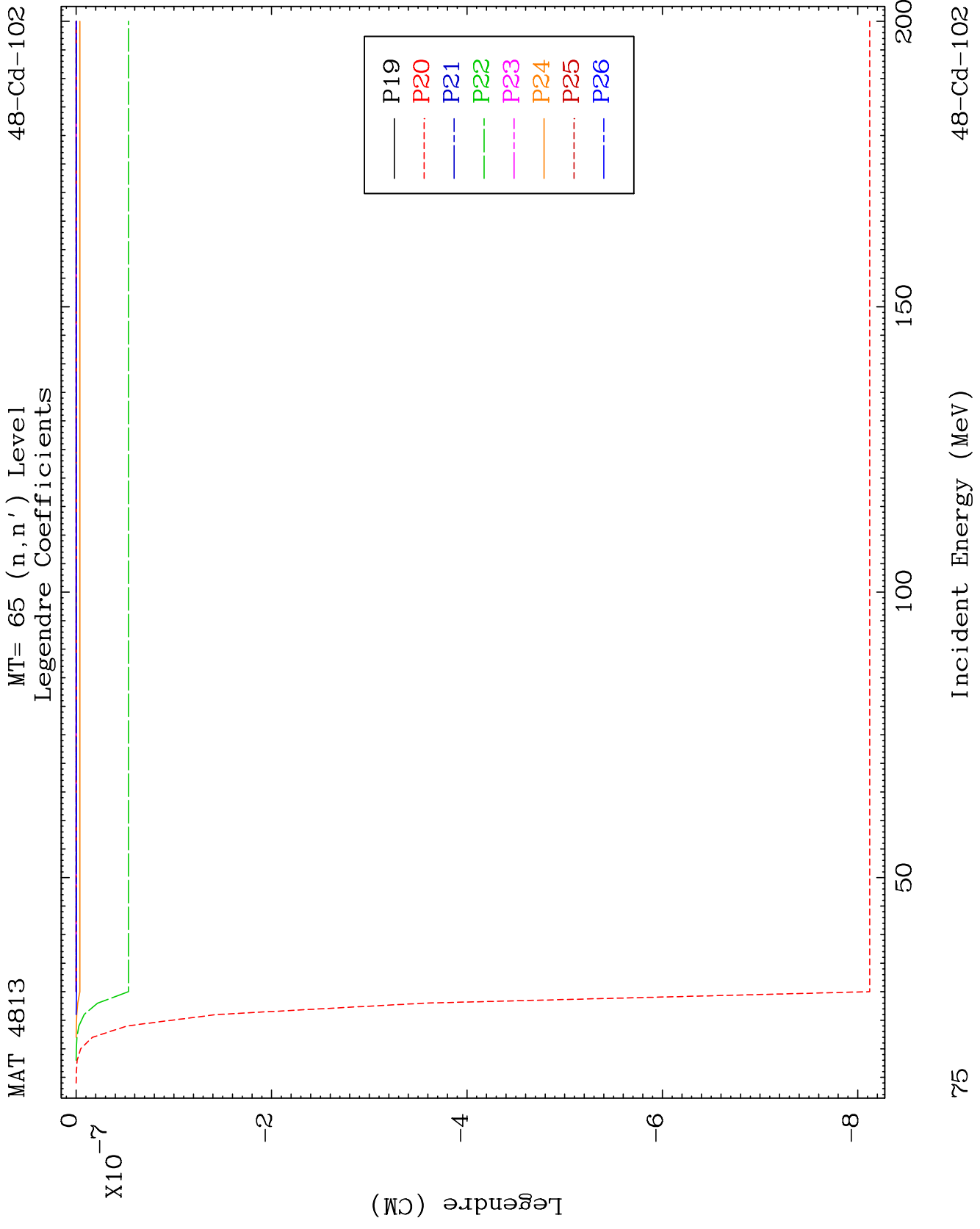
48-Cd-102

MAT 4813

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

48-Cd-102

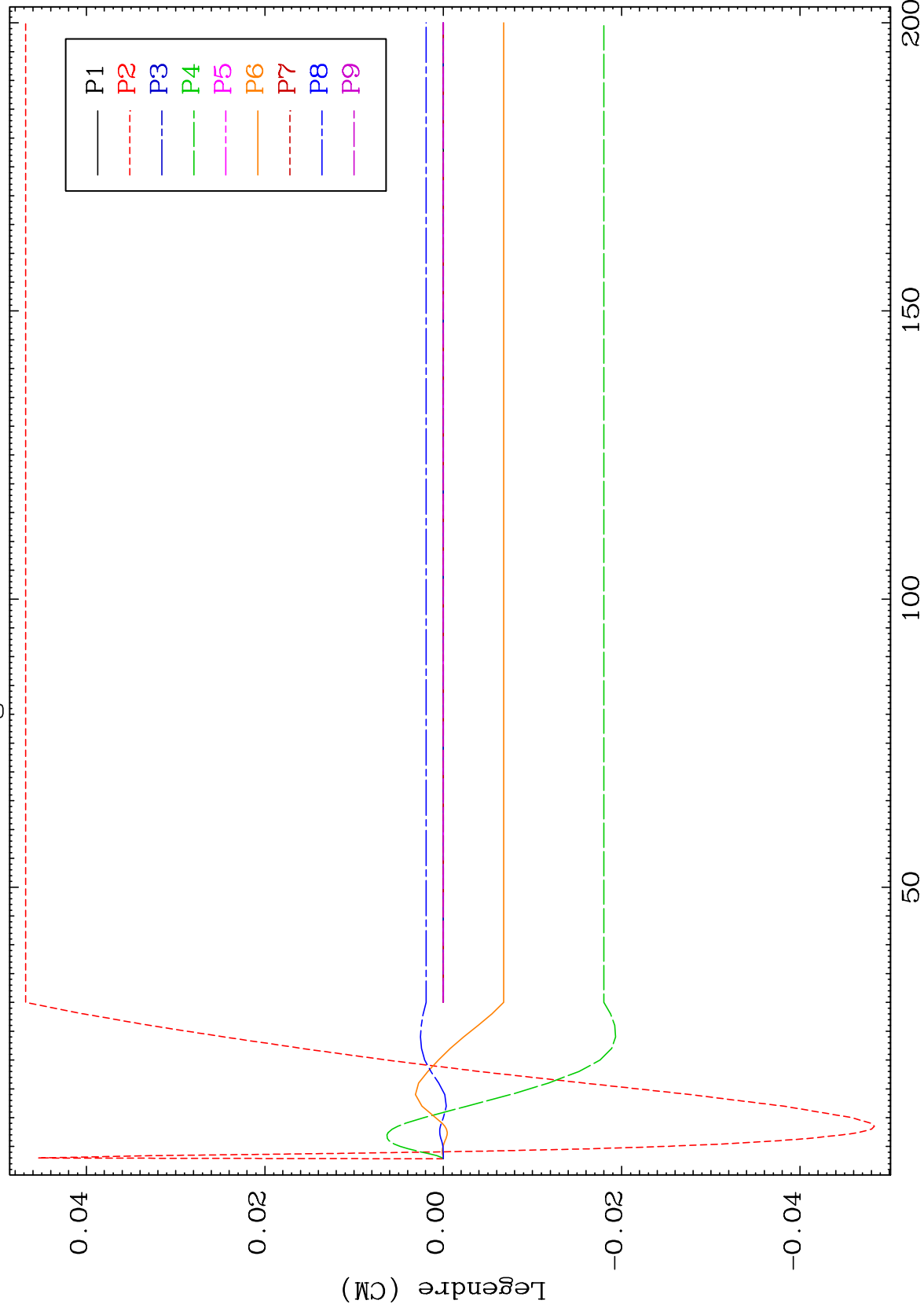




MAT 4813

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

48-Cd-102



76

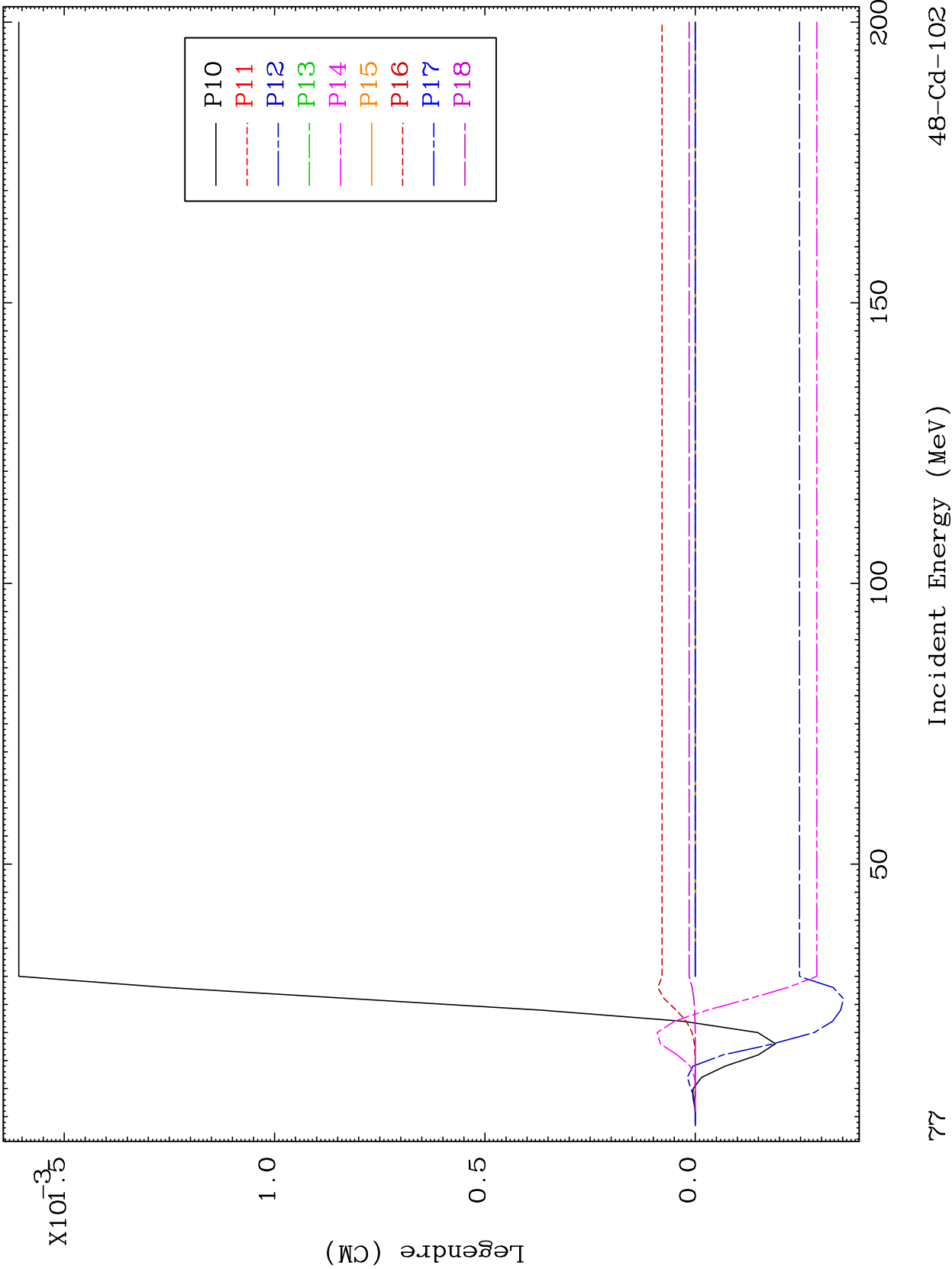
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

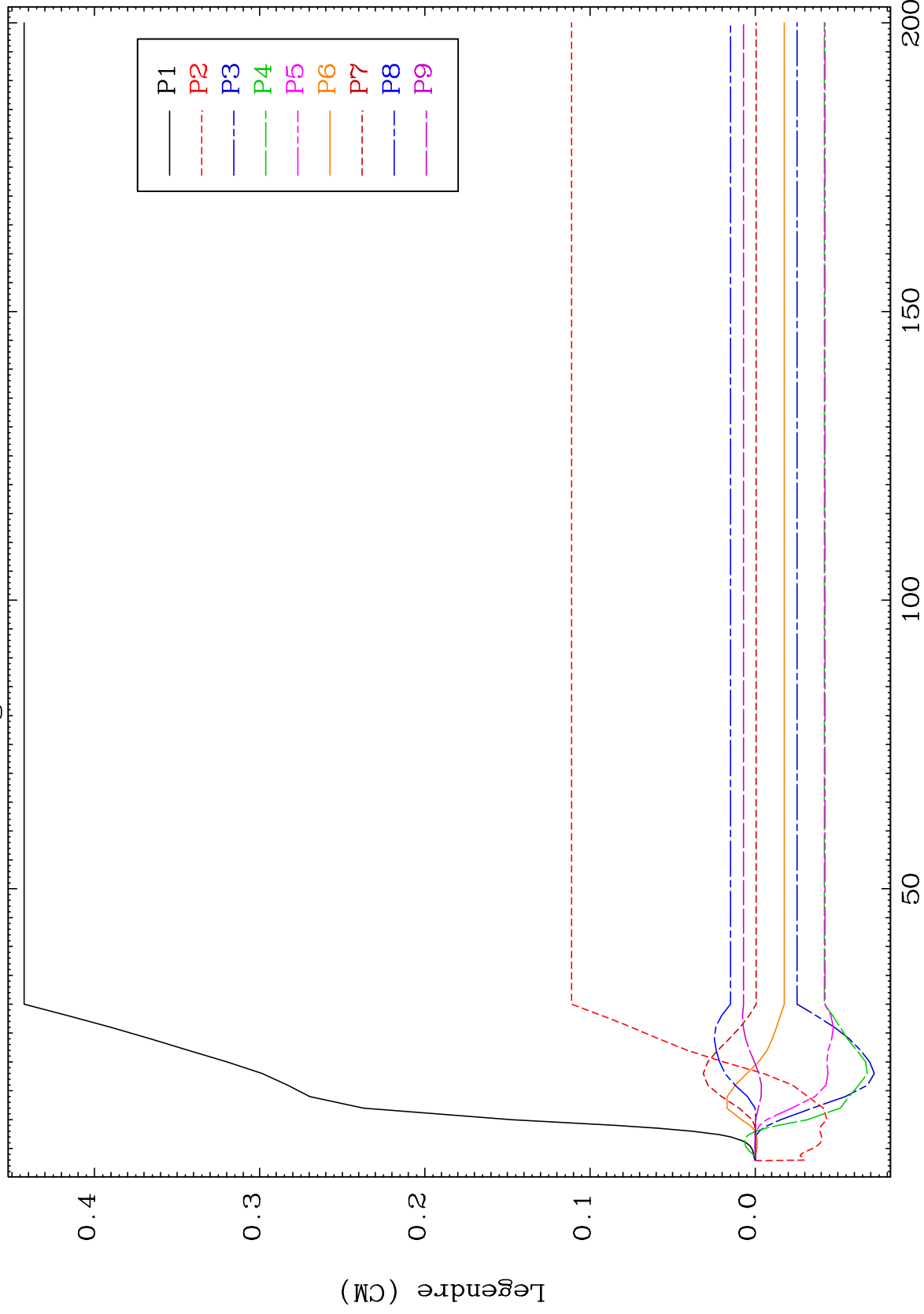
48-Cd-102



MAT 4813

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

48-Cd-102



79

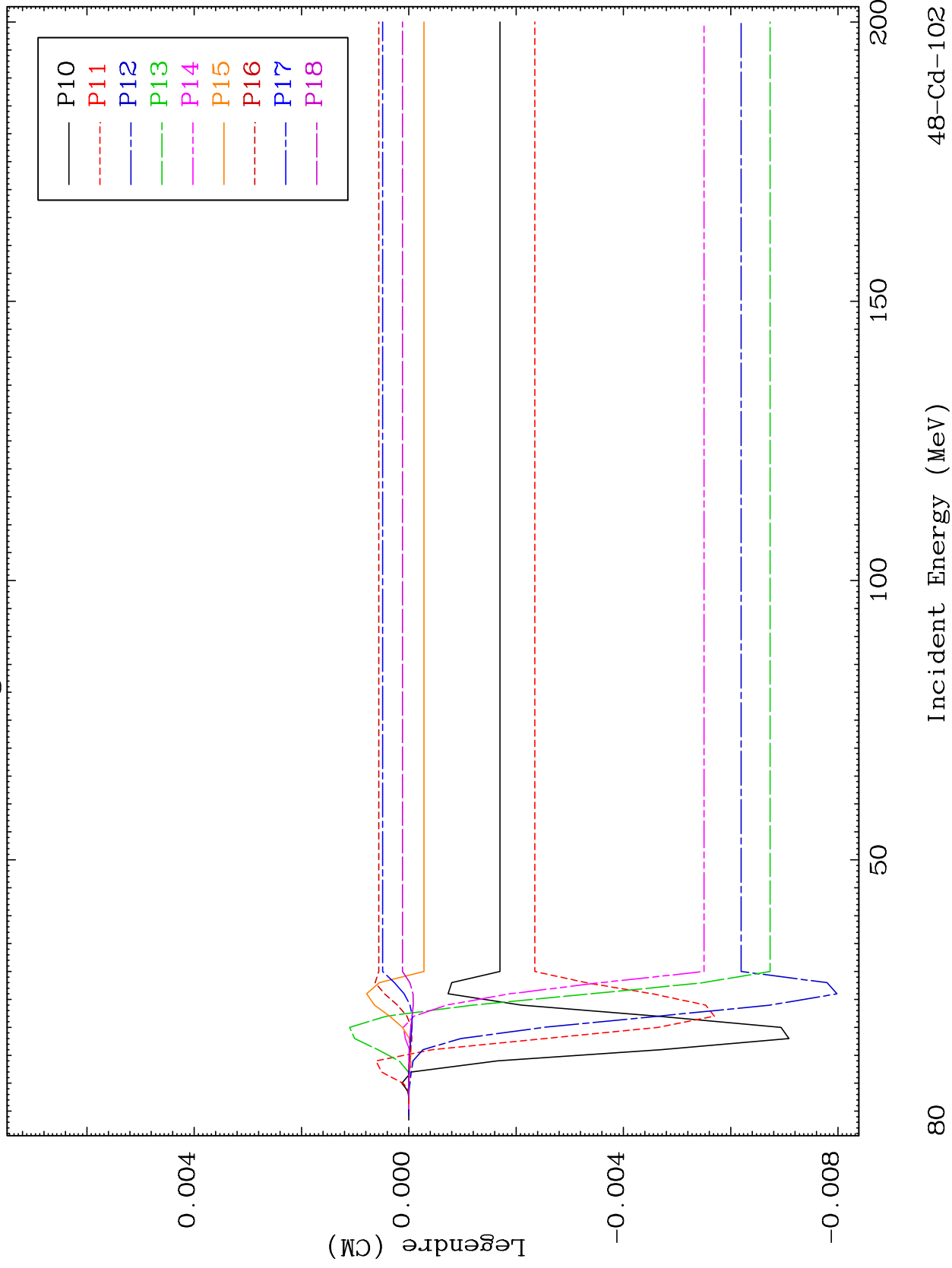
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

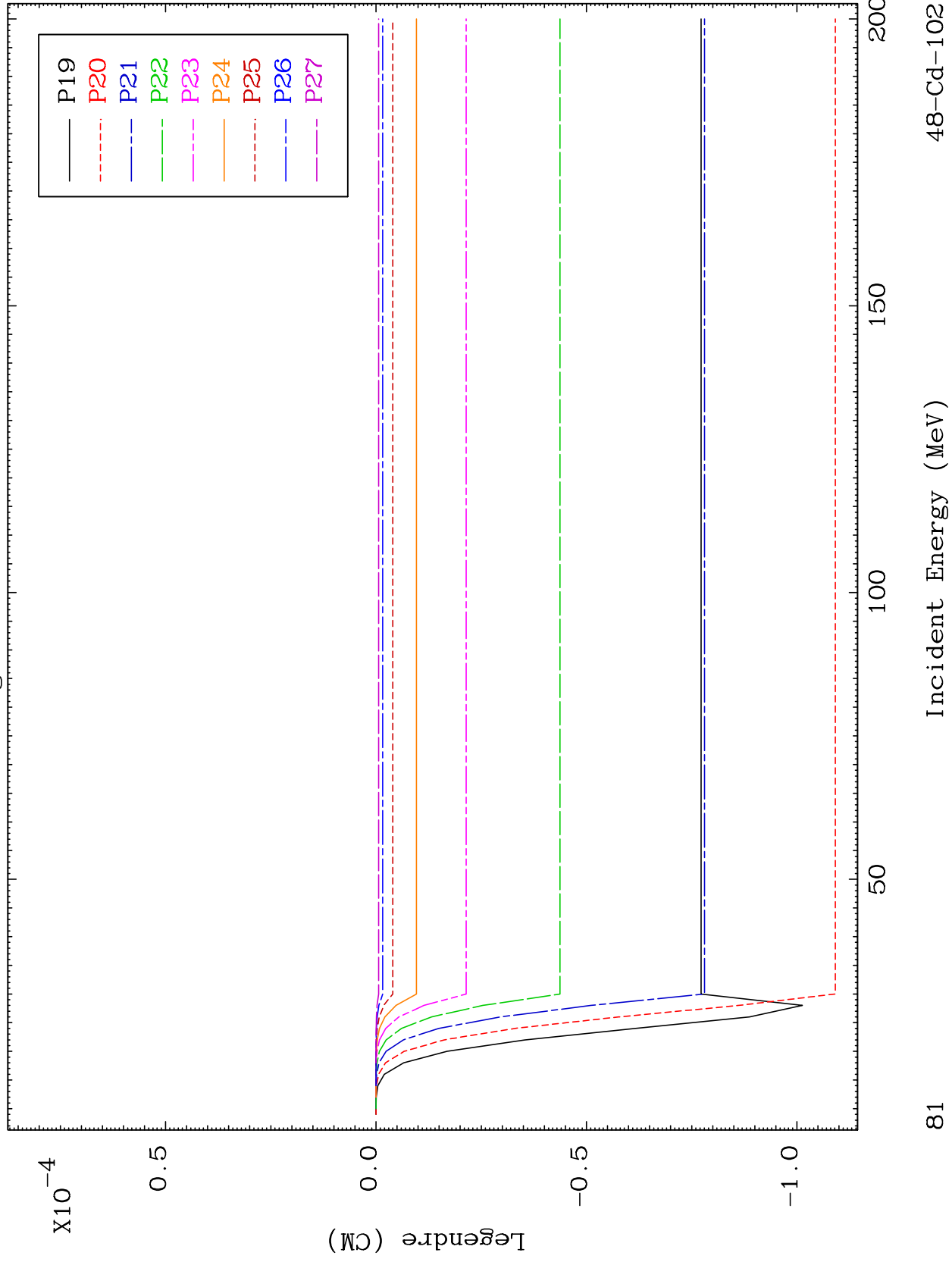
Incident Energy (MeV)

80

MAT 4813

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

48-Cd-102

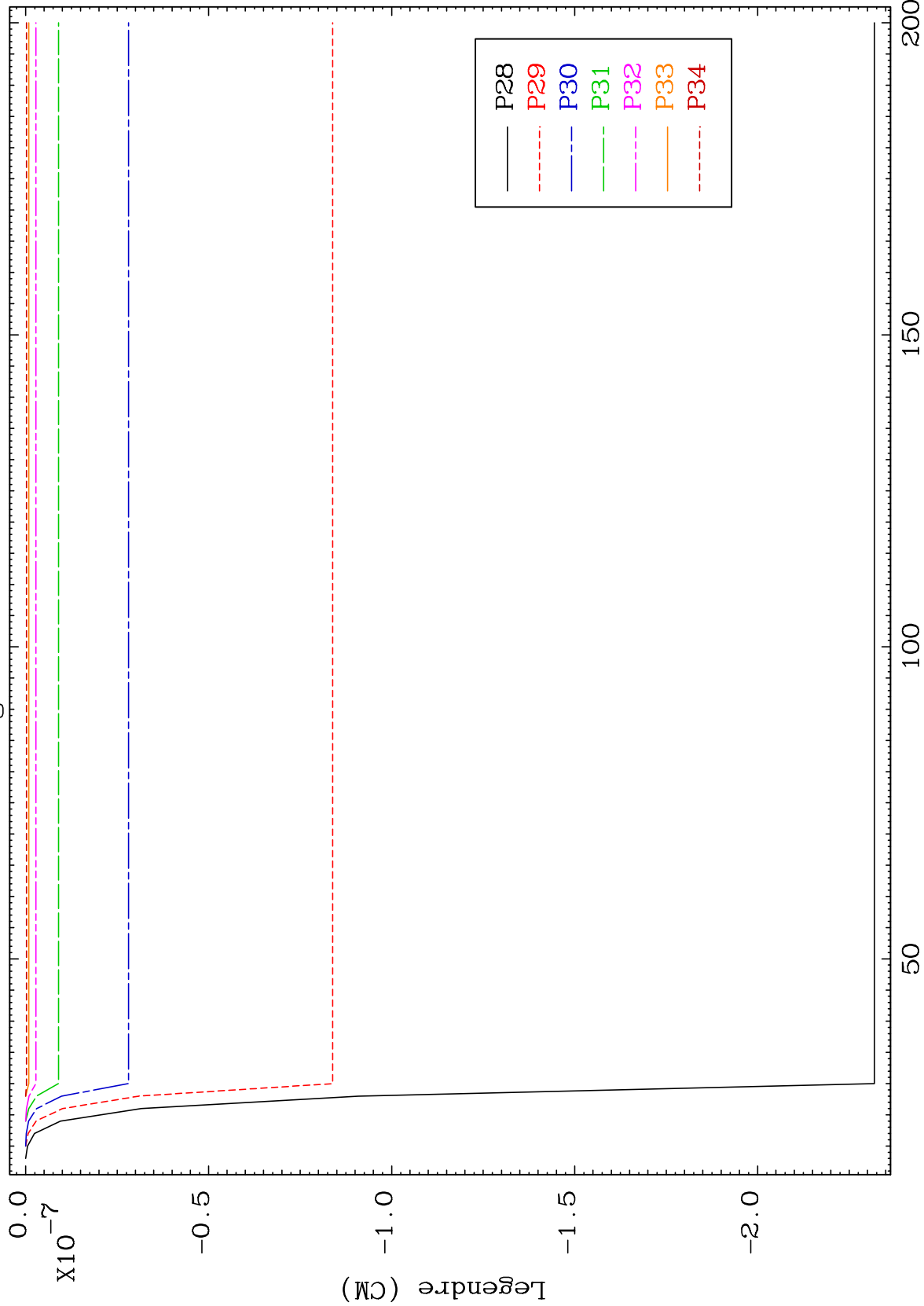


MAT 4813

MT= 67 (n,n') Level

48-Cd-102

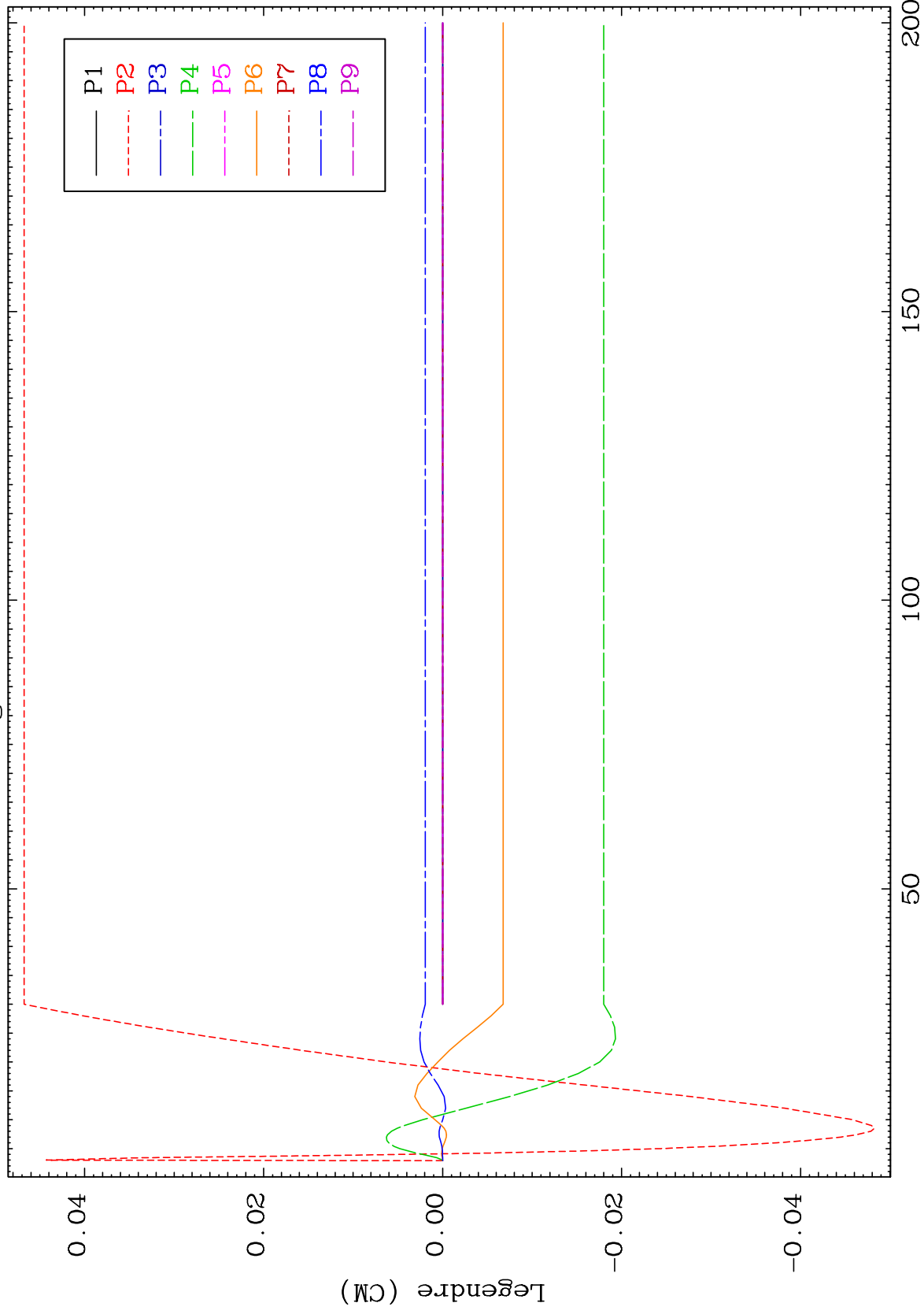
Legendre Coefficients



MAT 4813

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

48-Cd-102



83

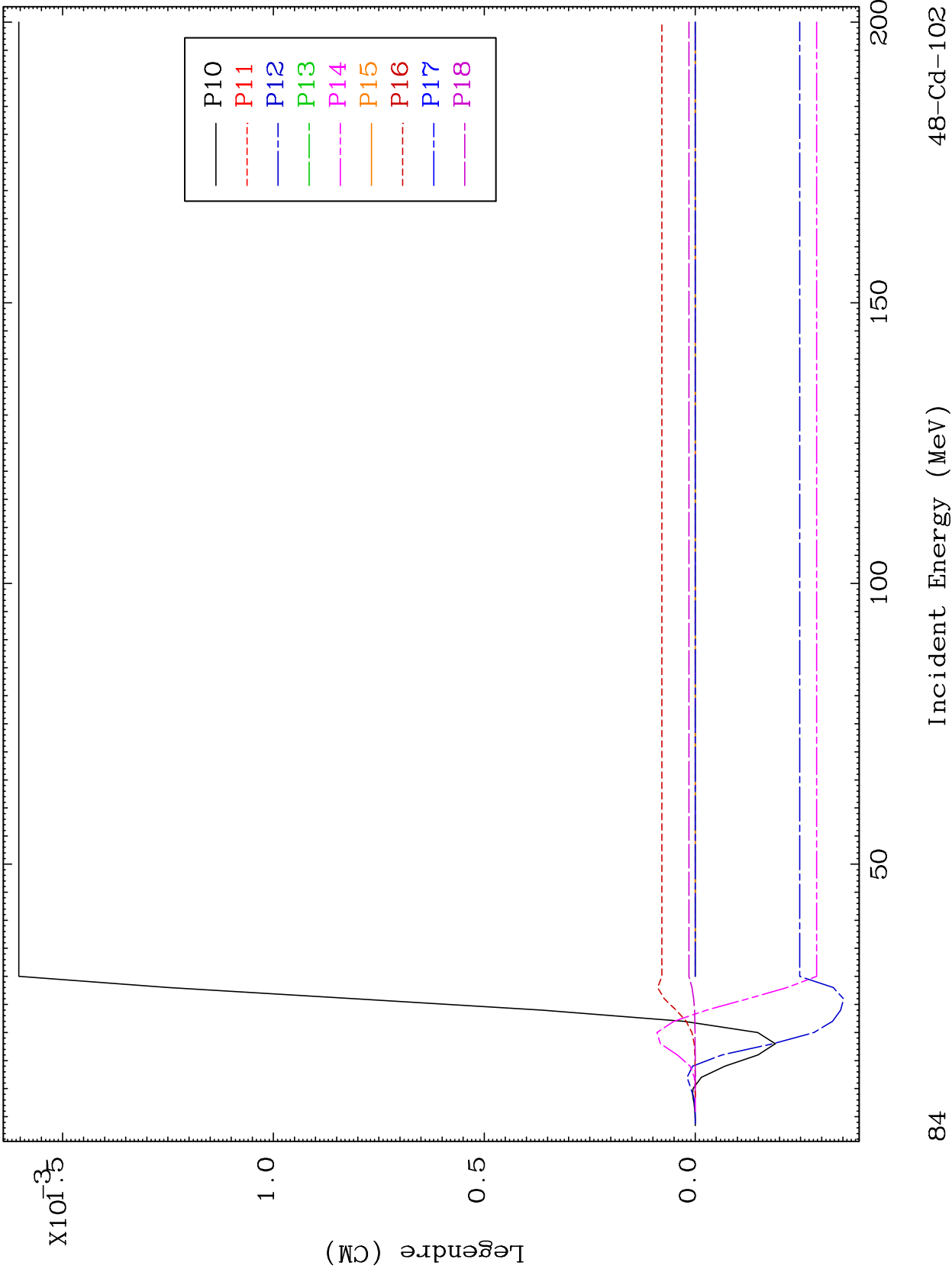
Incident Energy (MeV)

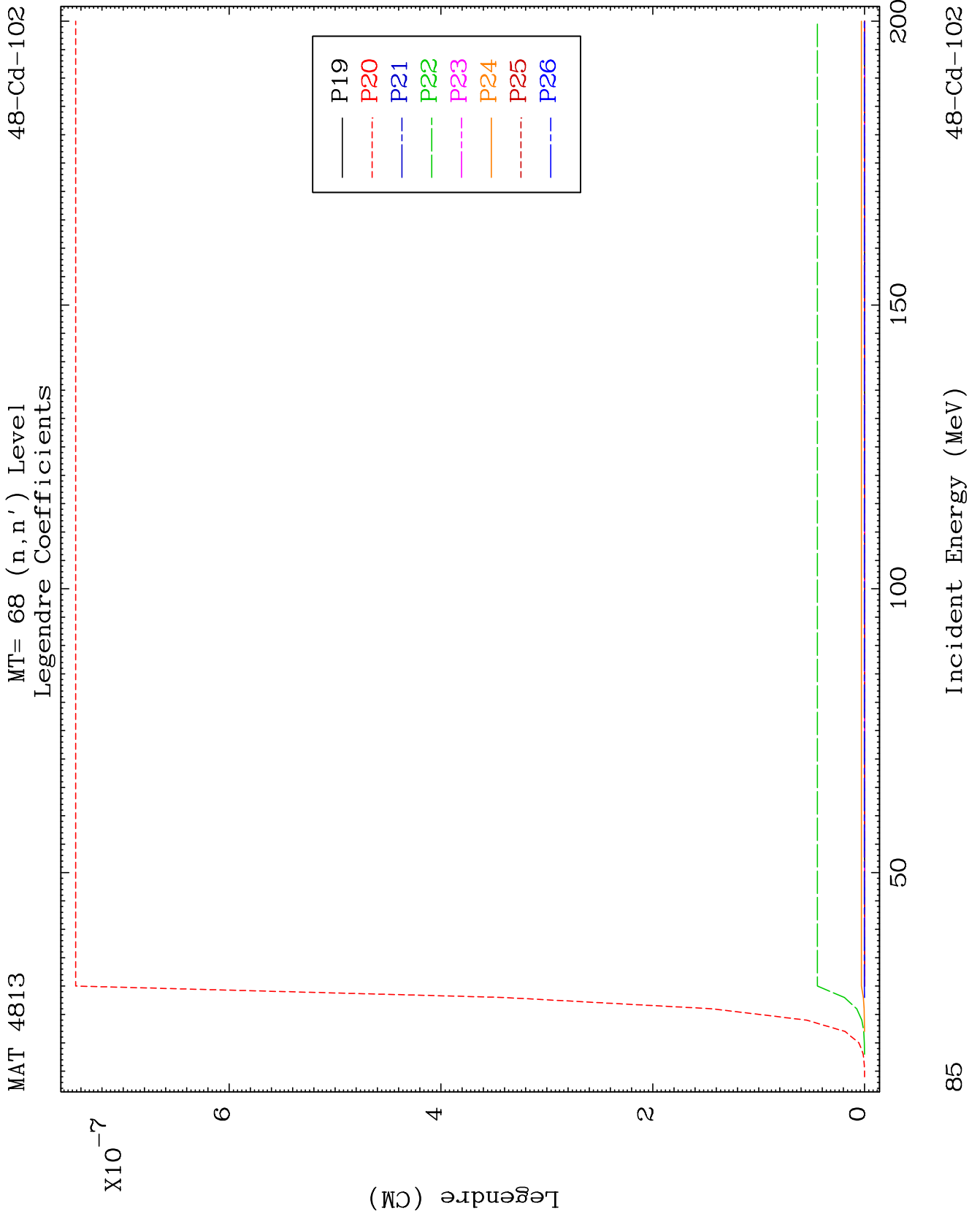
48-Cd-102

MAT 4813

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

48-Cd-102

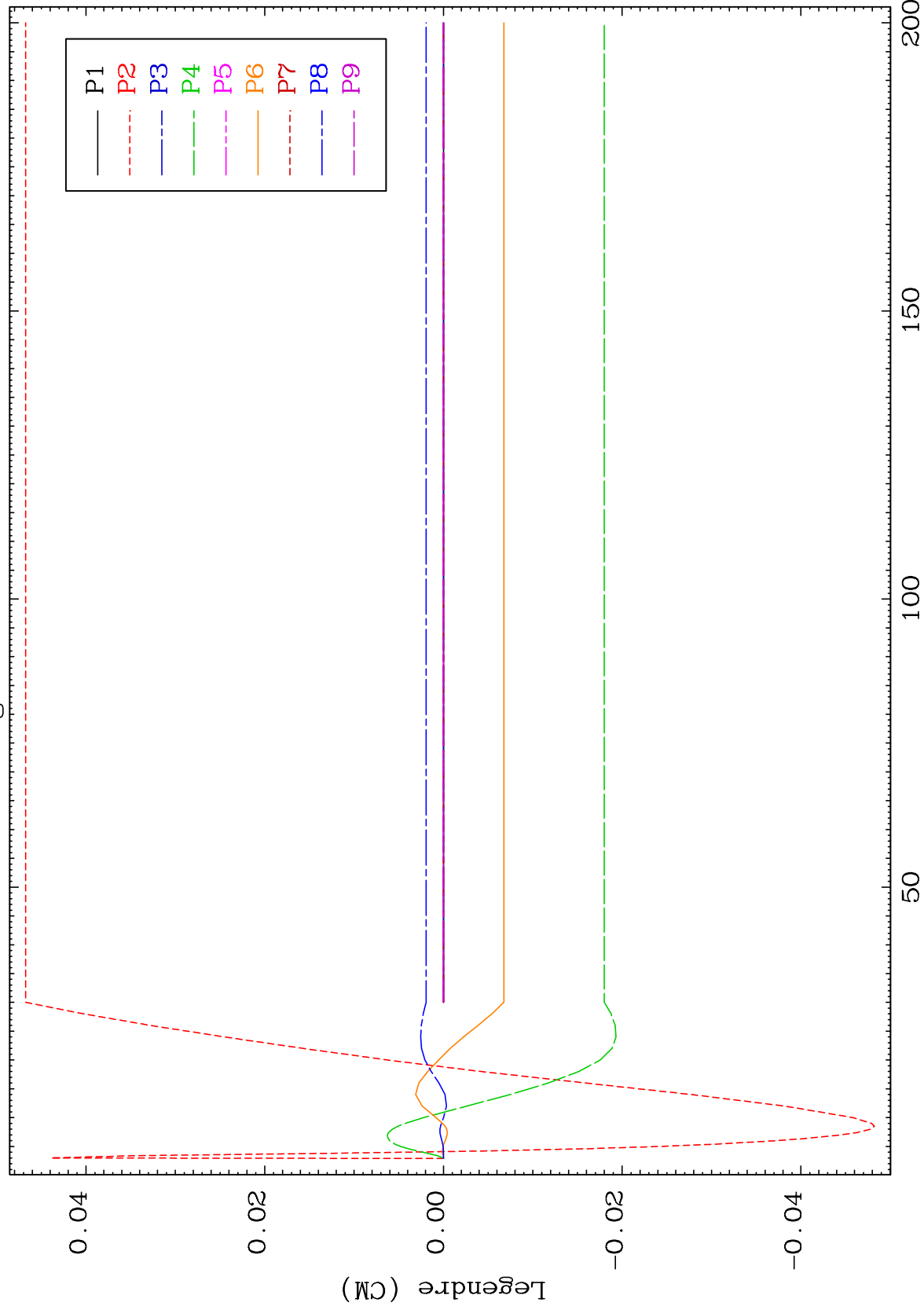




MAT 4813

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

48-Cd-102



86

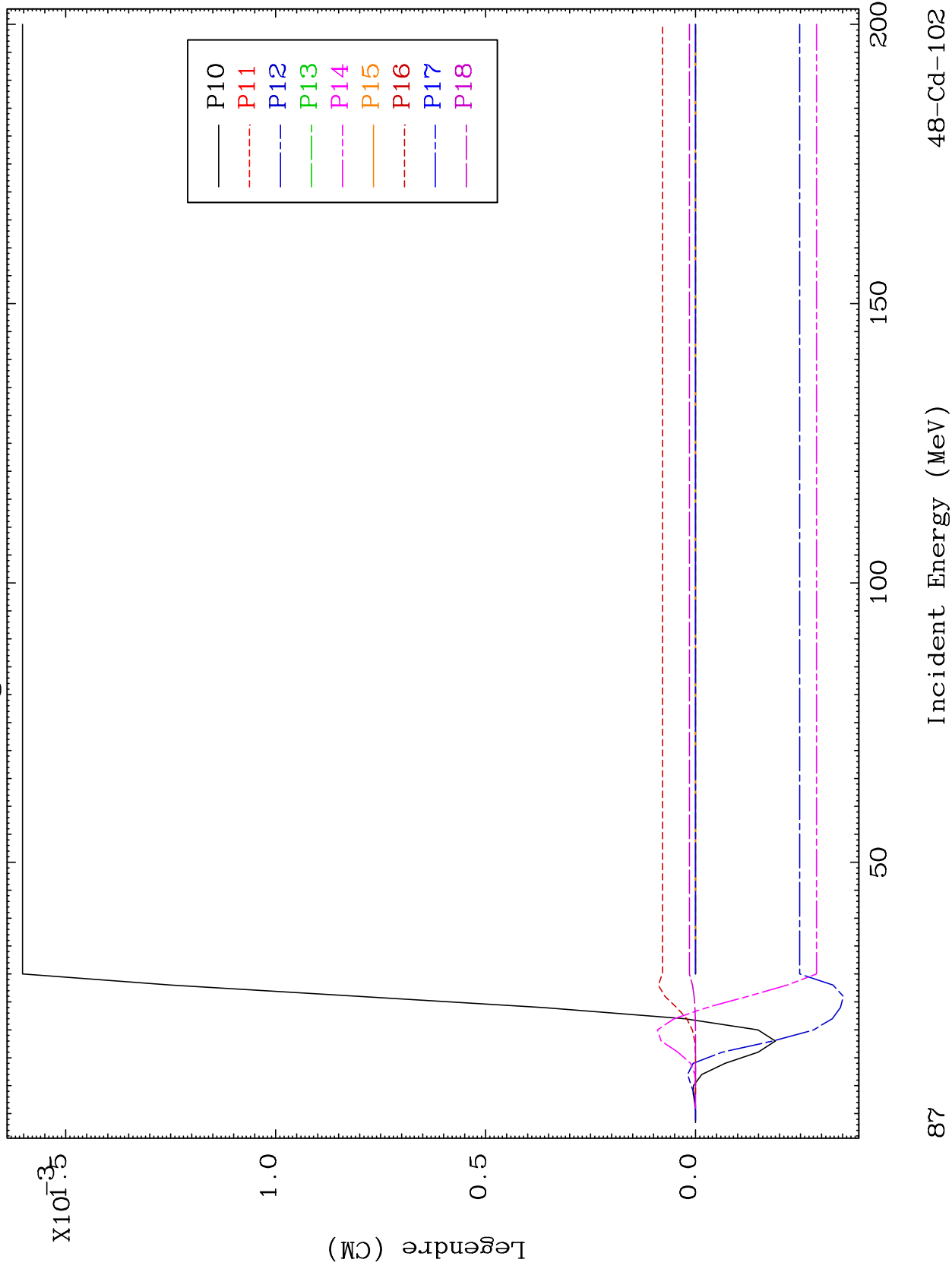
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



87

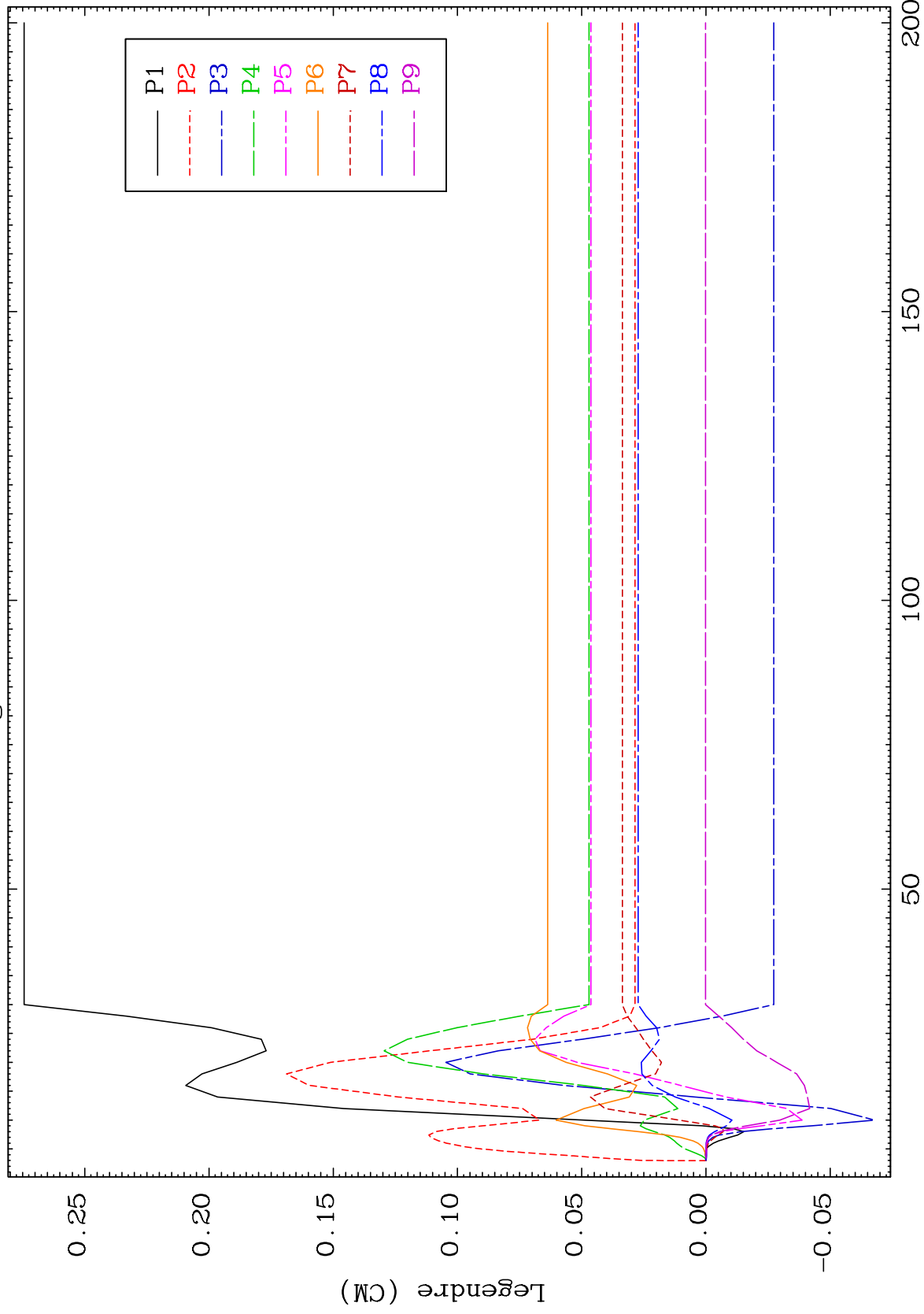
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



89

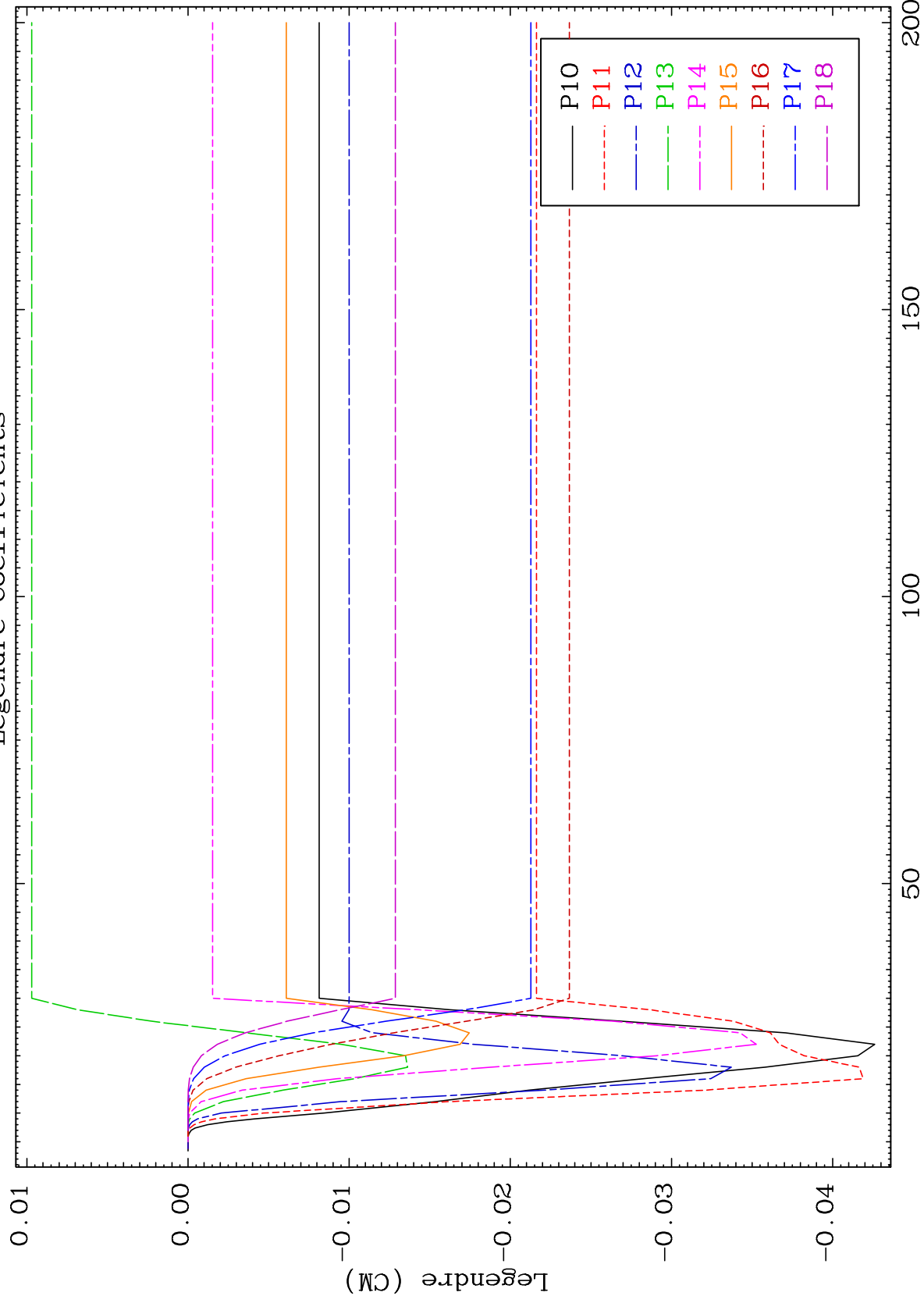
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

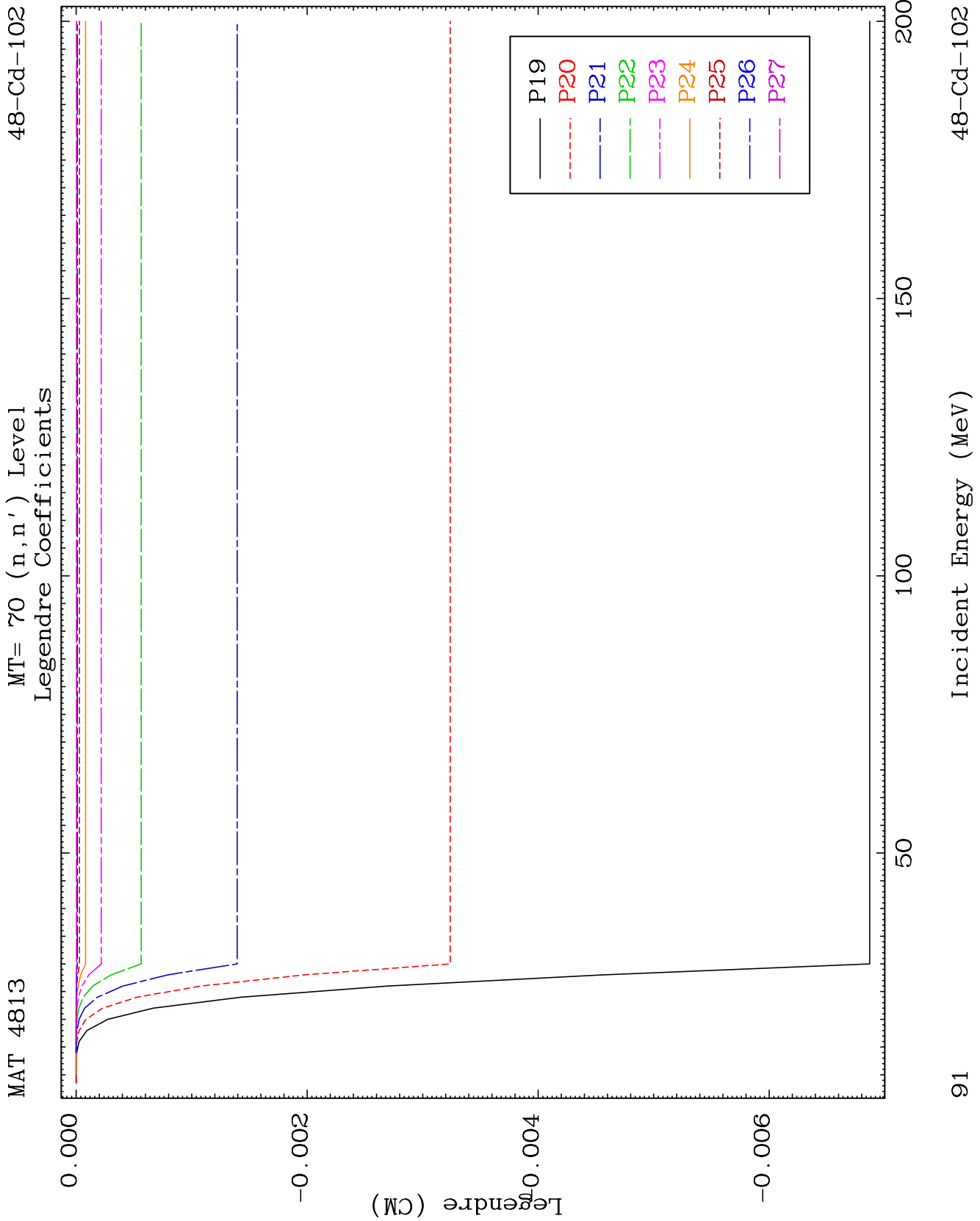
48-Cd-102

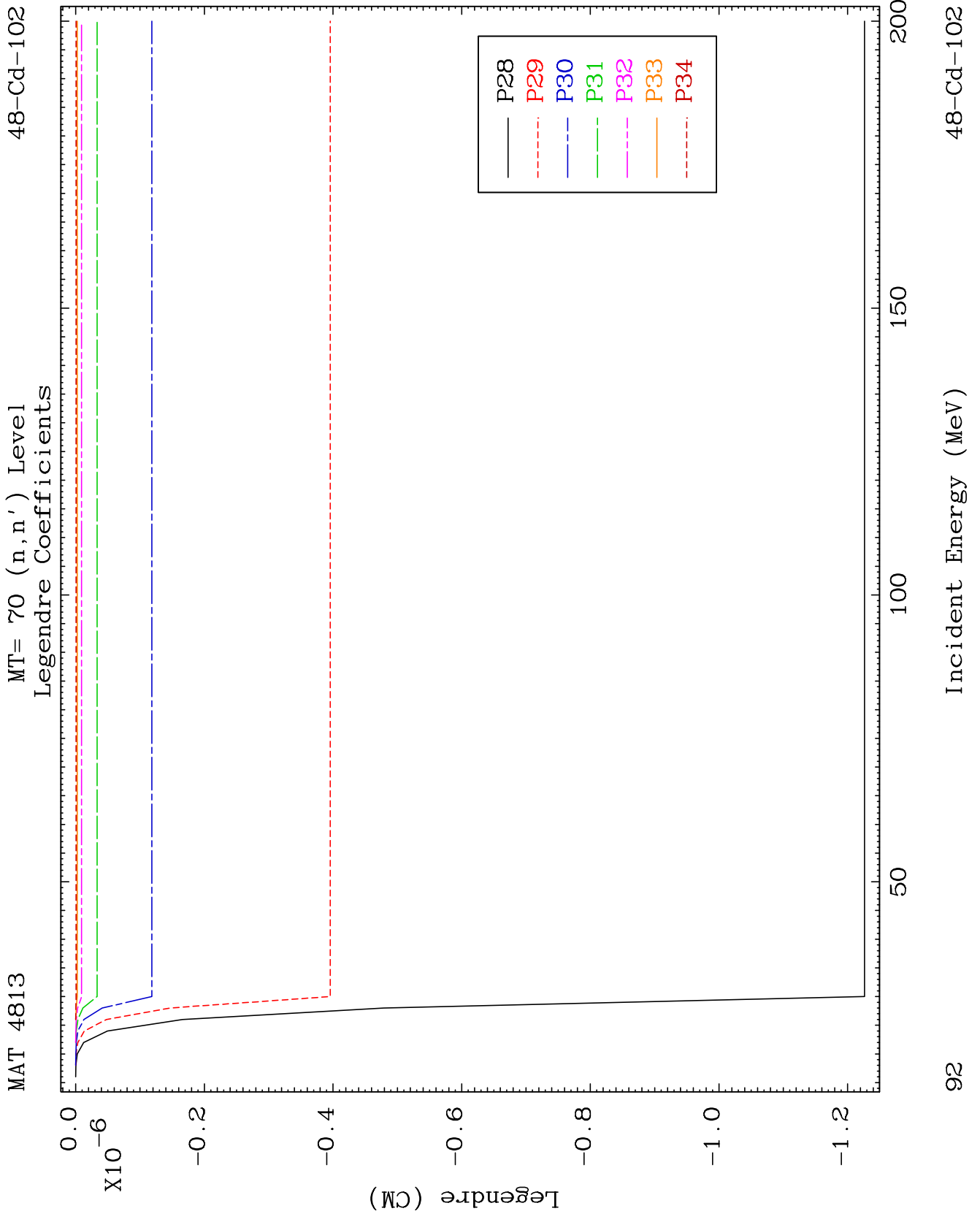


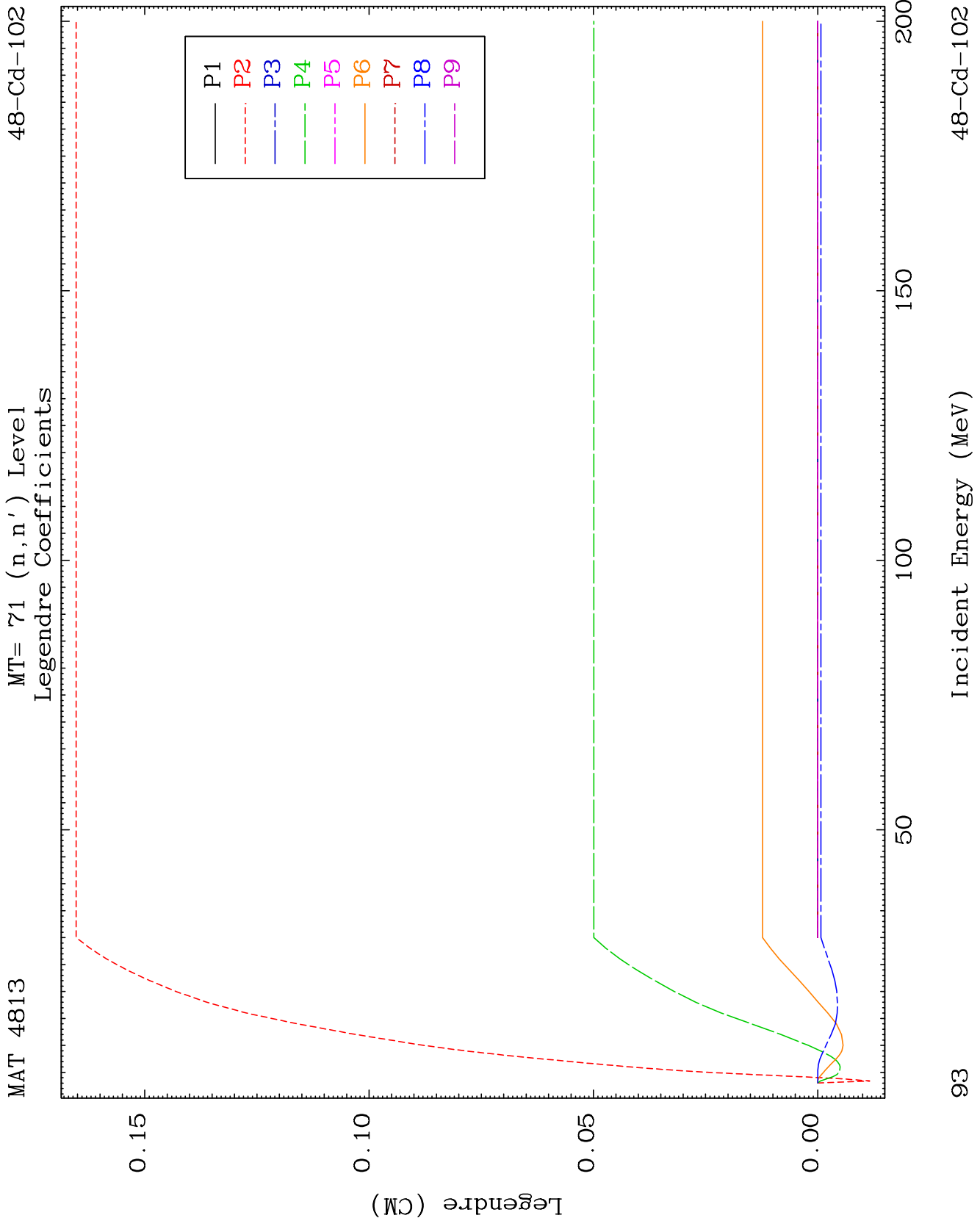
90

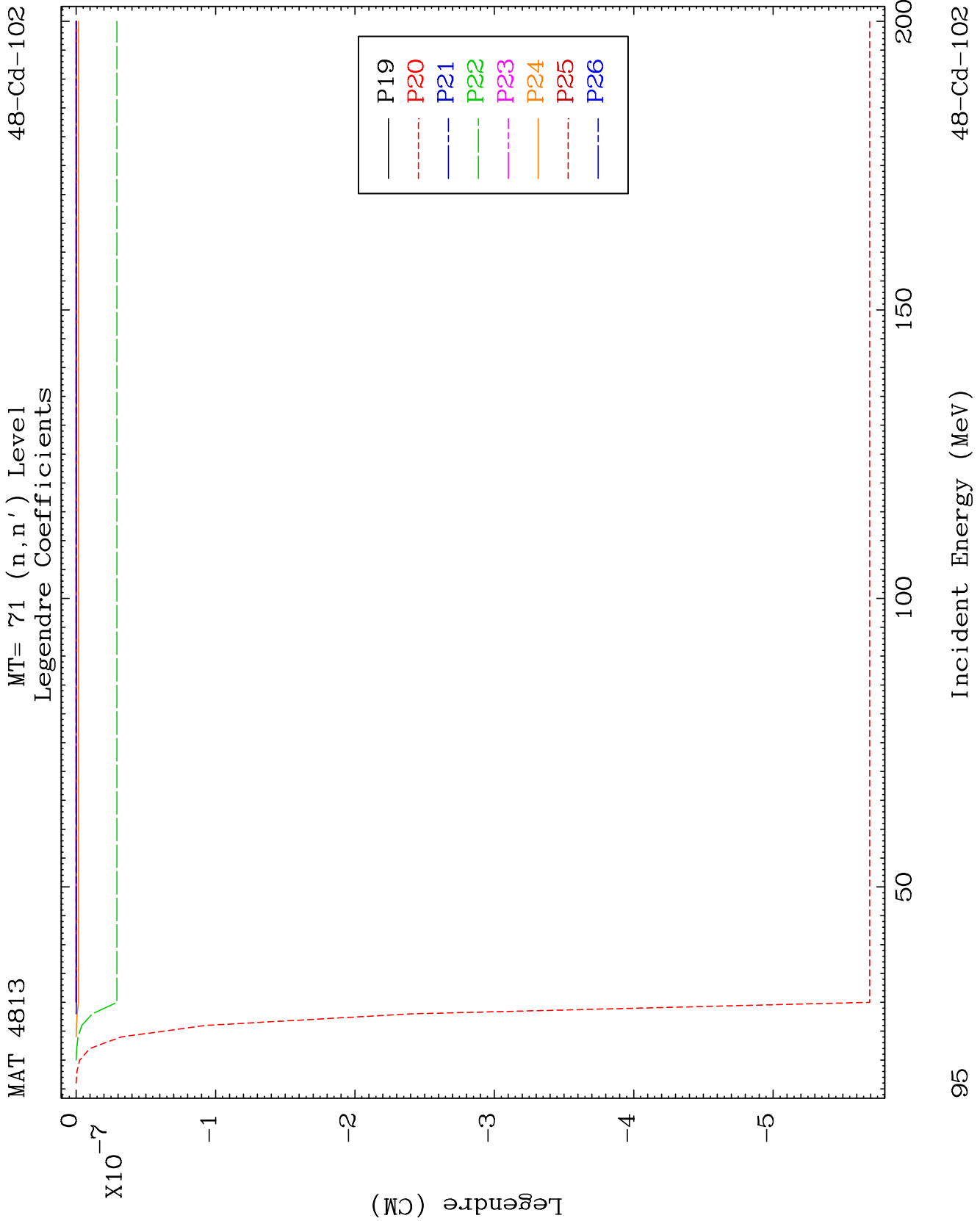
Incident Energy (MeV)

48-Cd-102





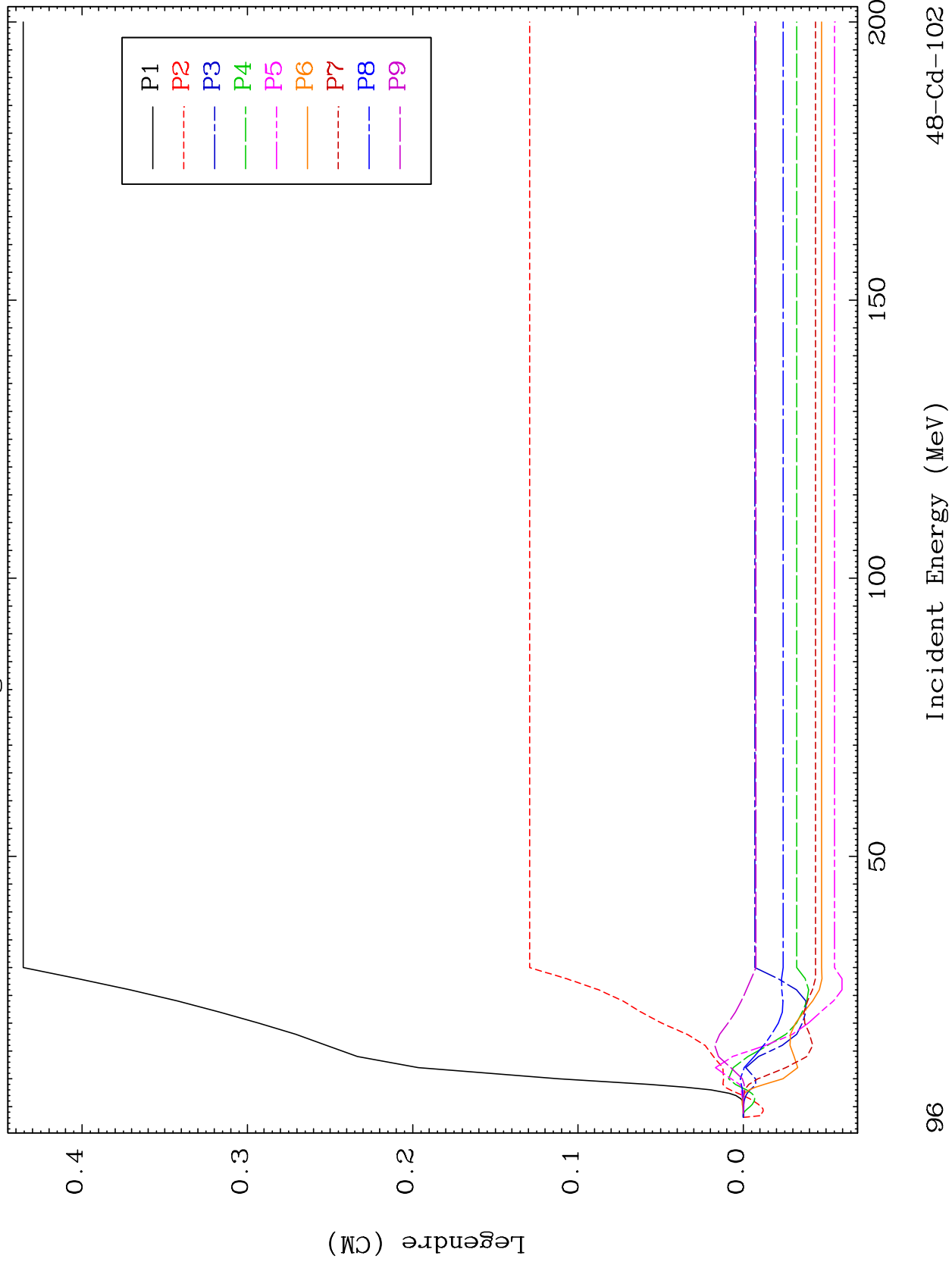




MAT 4813

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

48-Cd-102



96

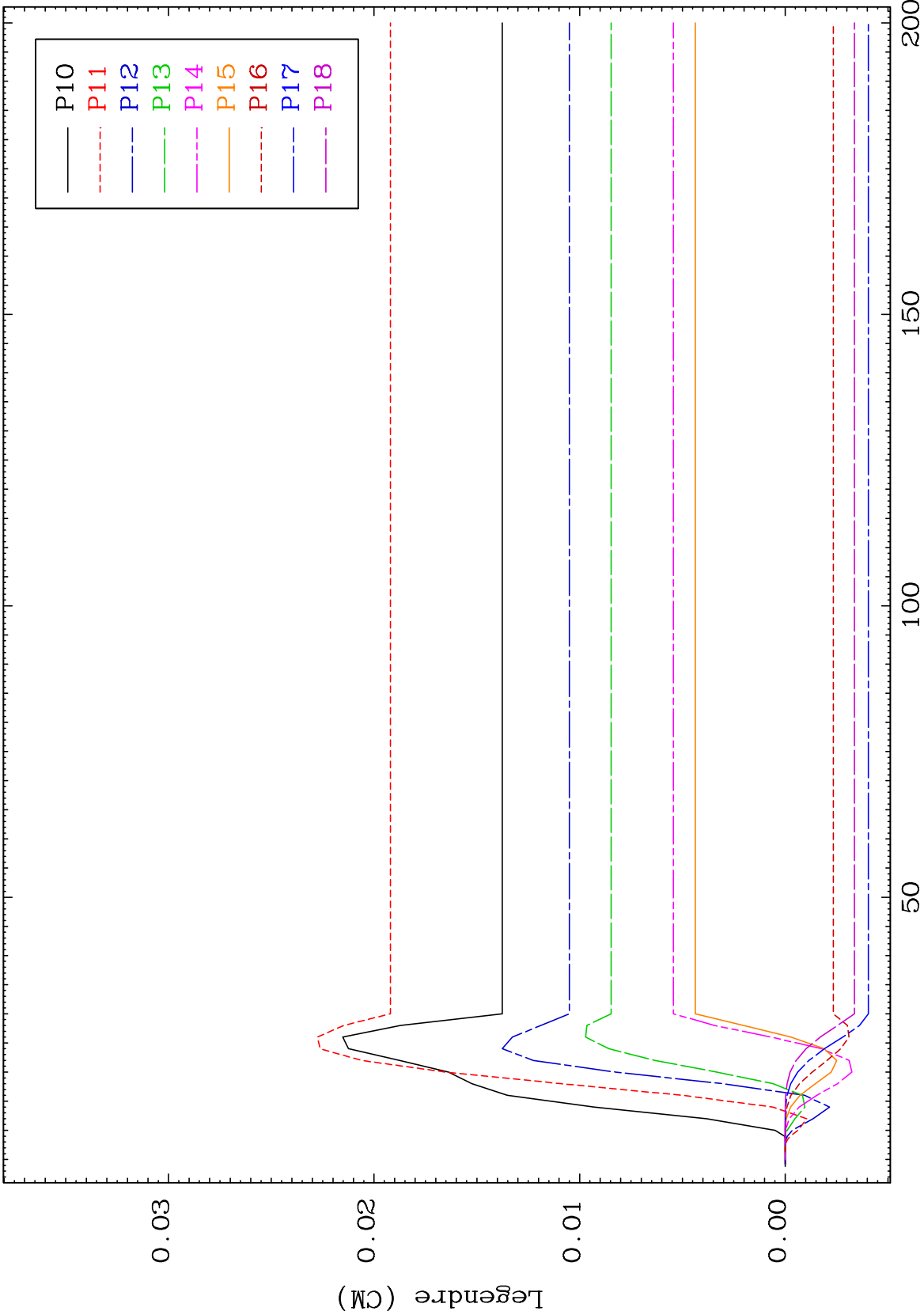
Incident Energy (MeV)

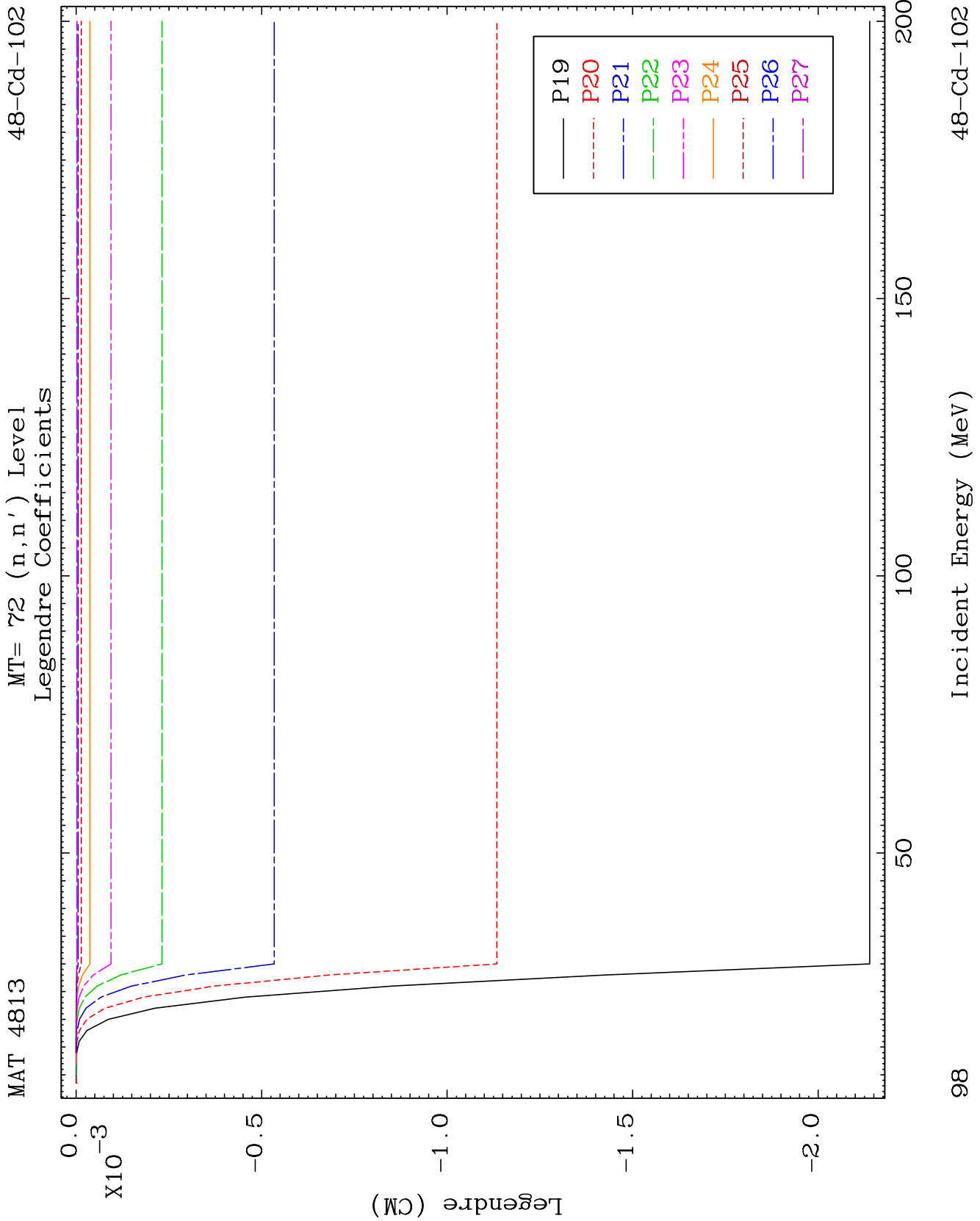
48-Cd-102

MAT 4813

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

48-Cd-102



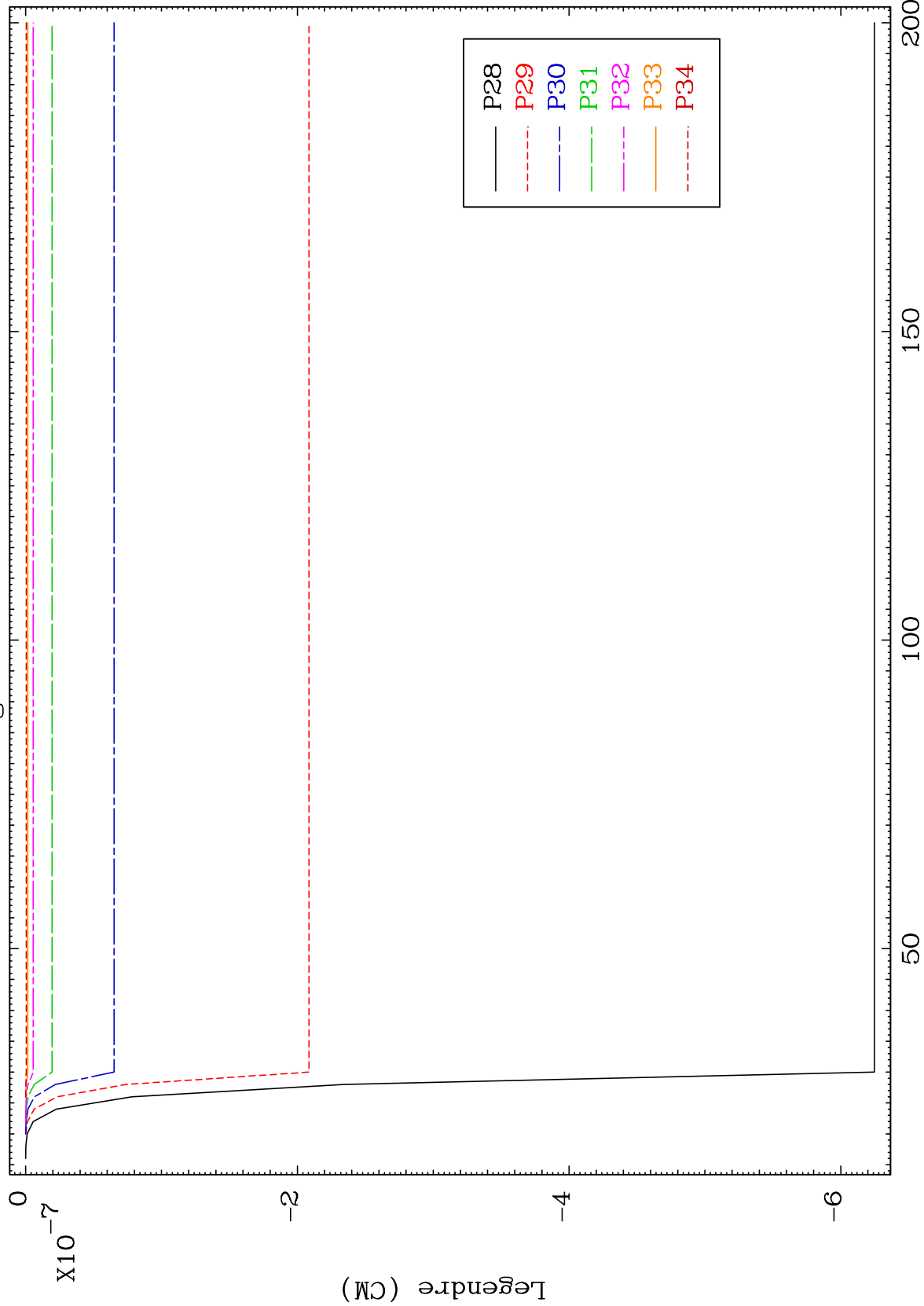


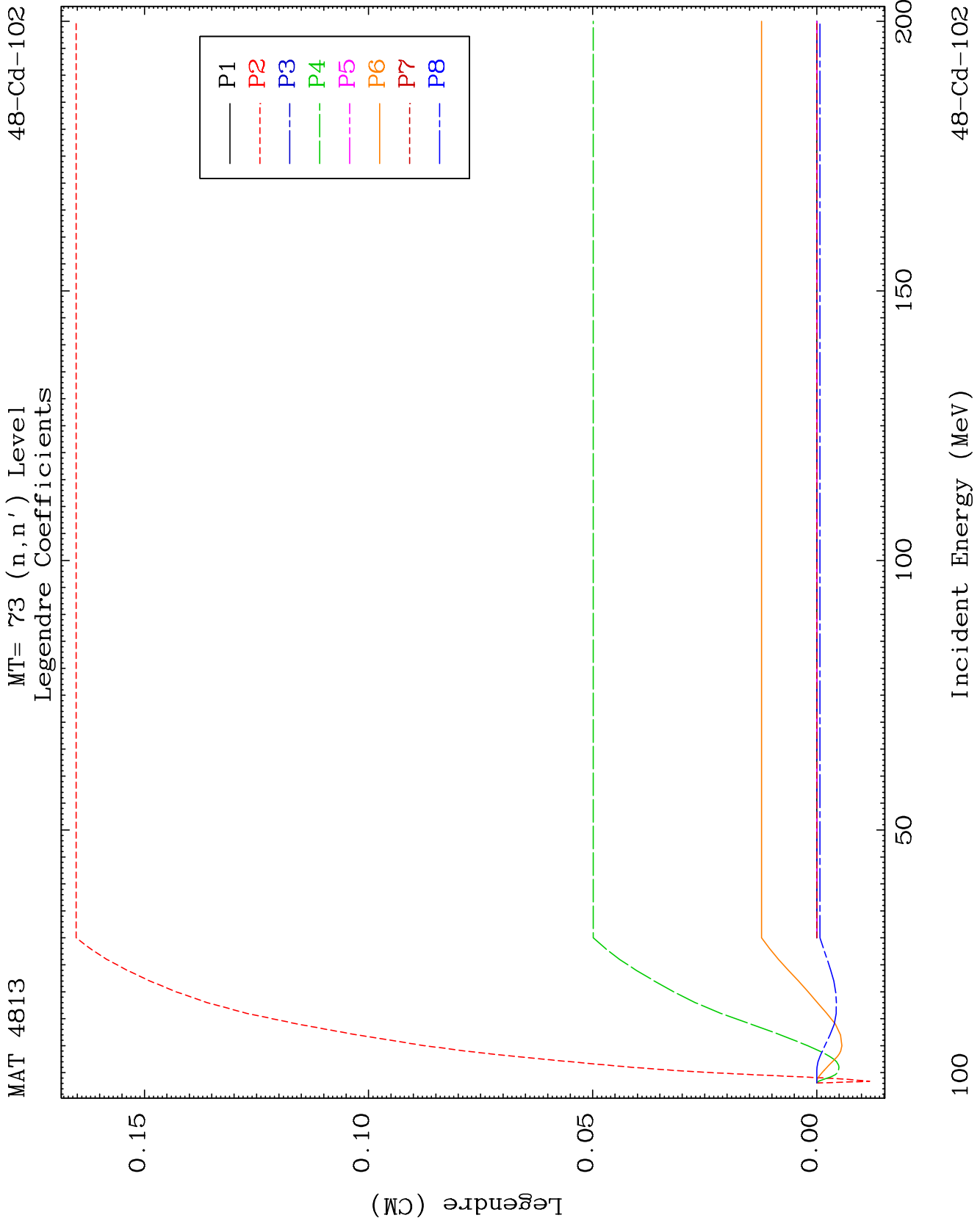
MAT 4813

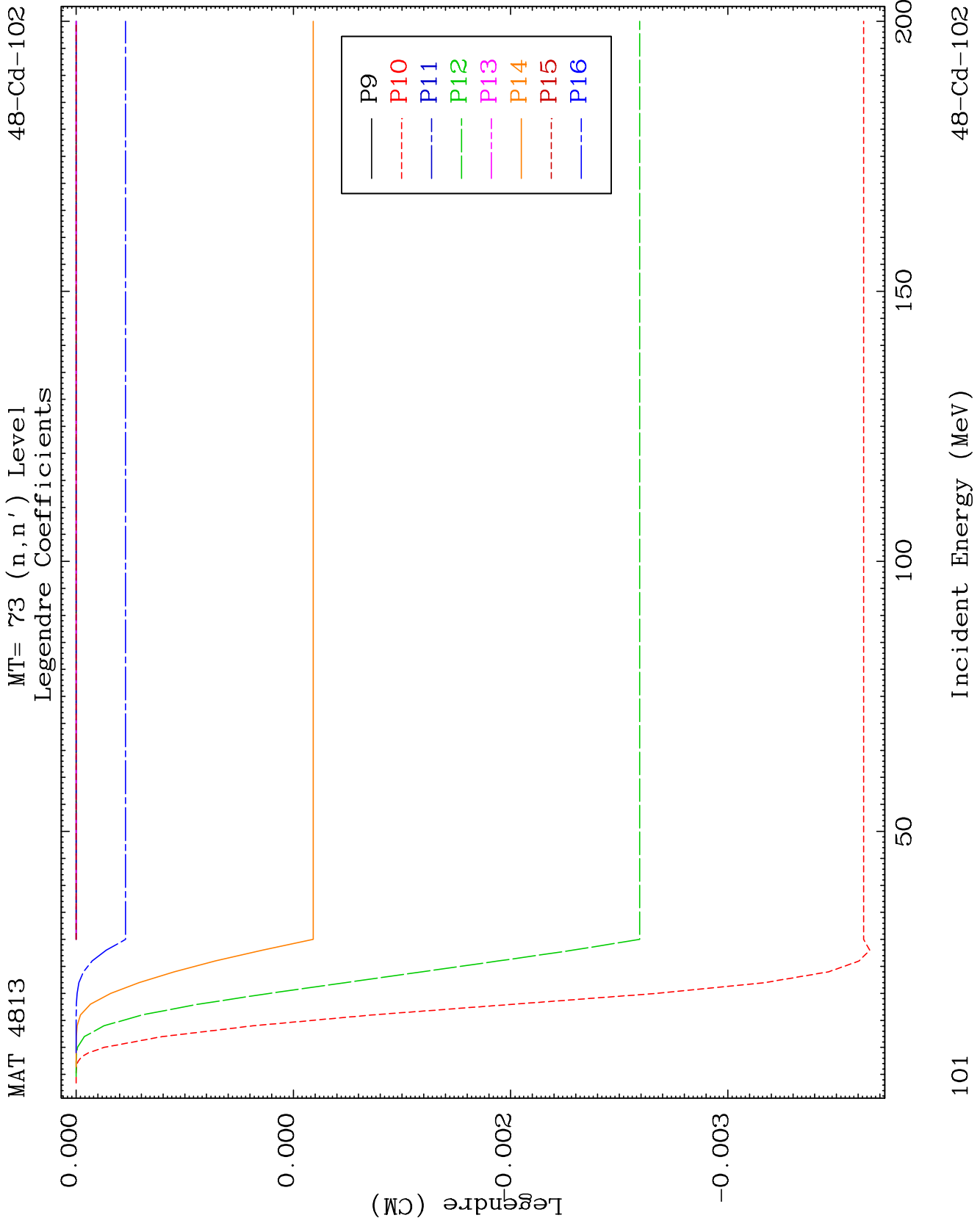
MT= 72 (n,n') Level

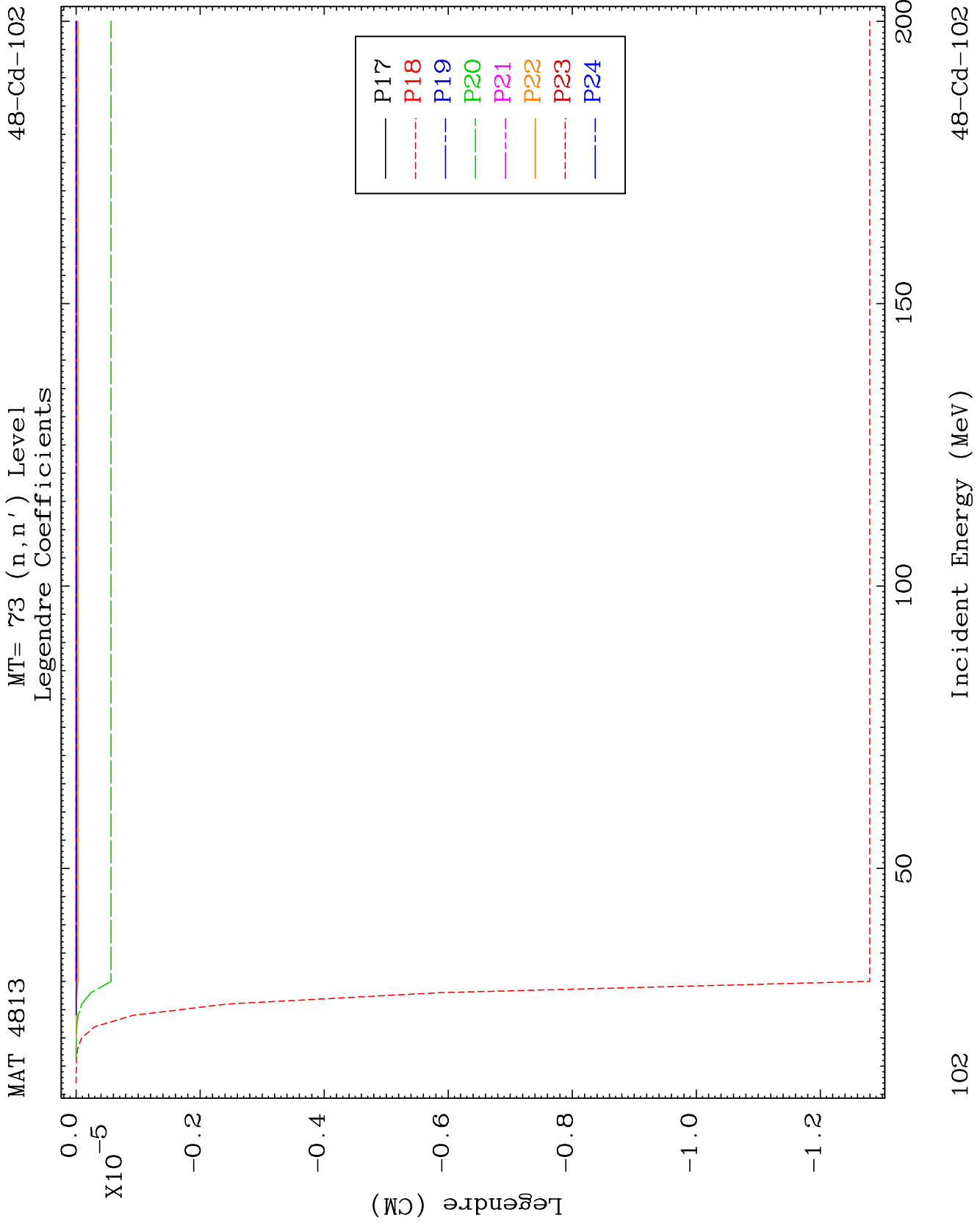
48-Cd-102

Legendre Coefficients





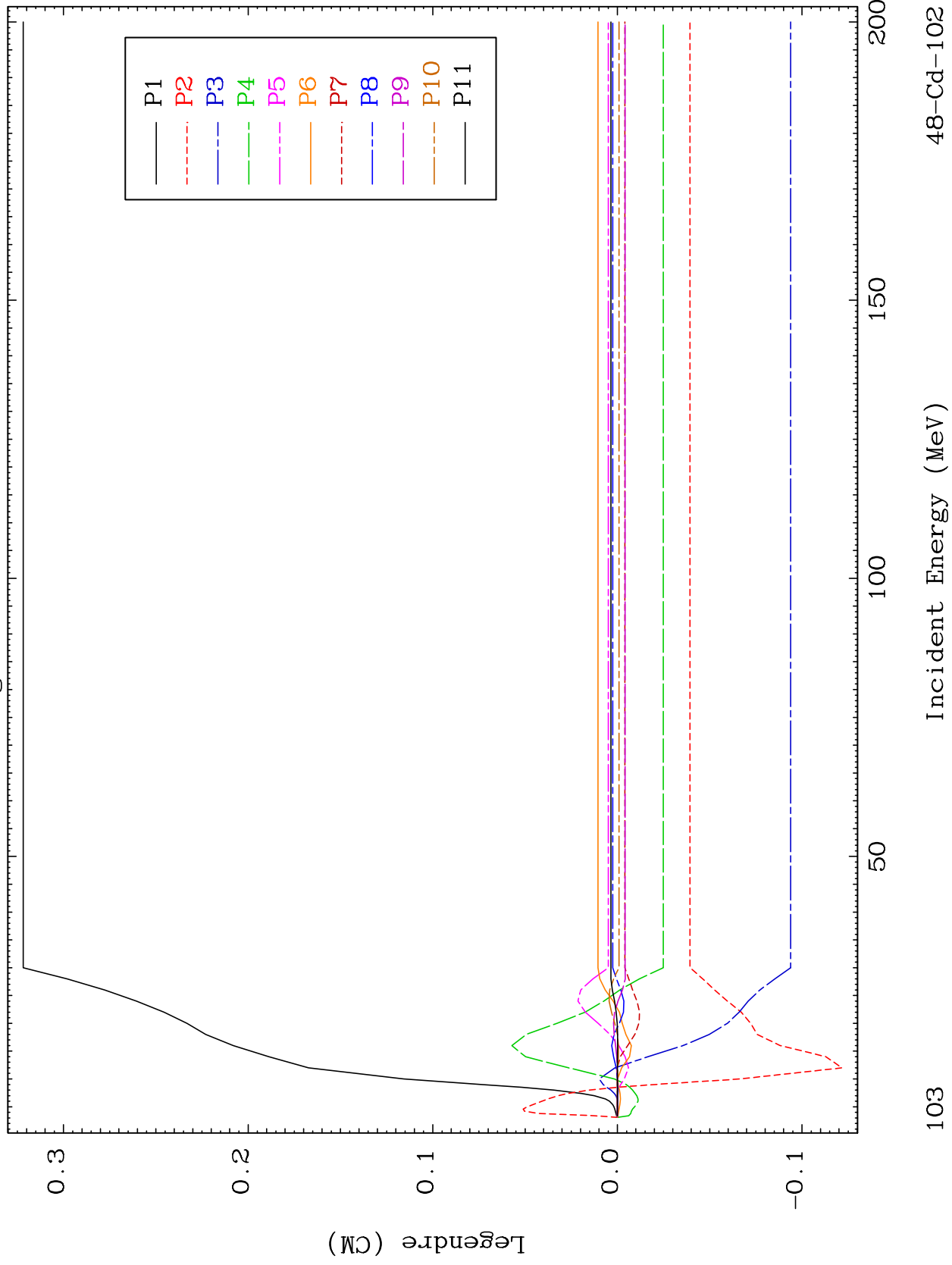




MAT 4813

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

48-Cd-102



103

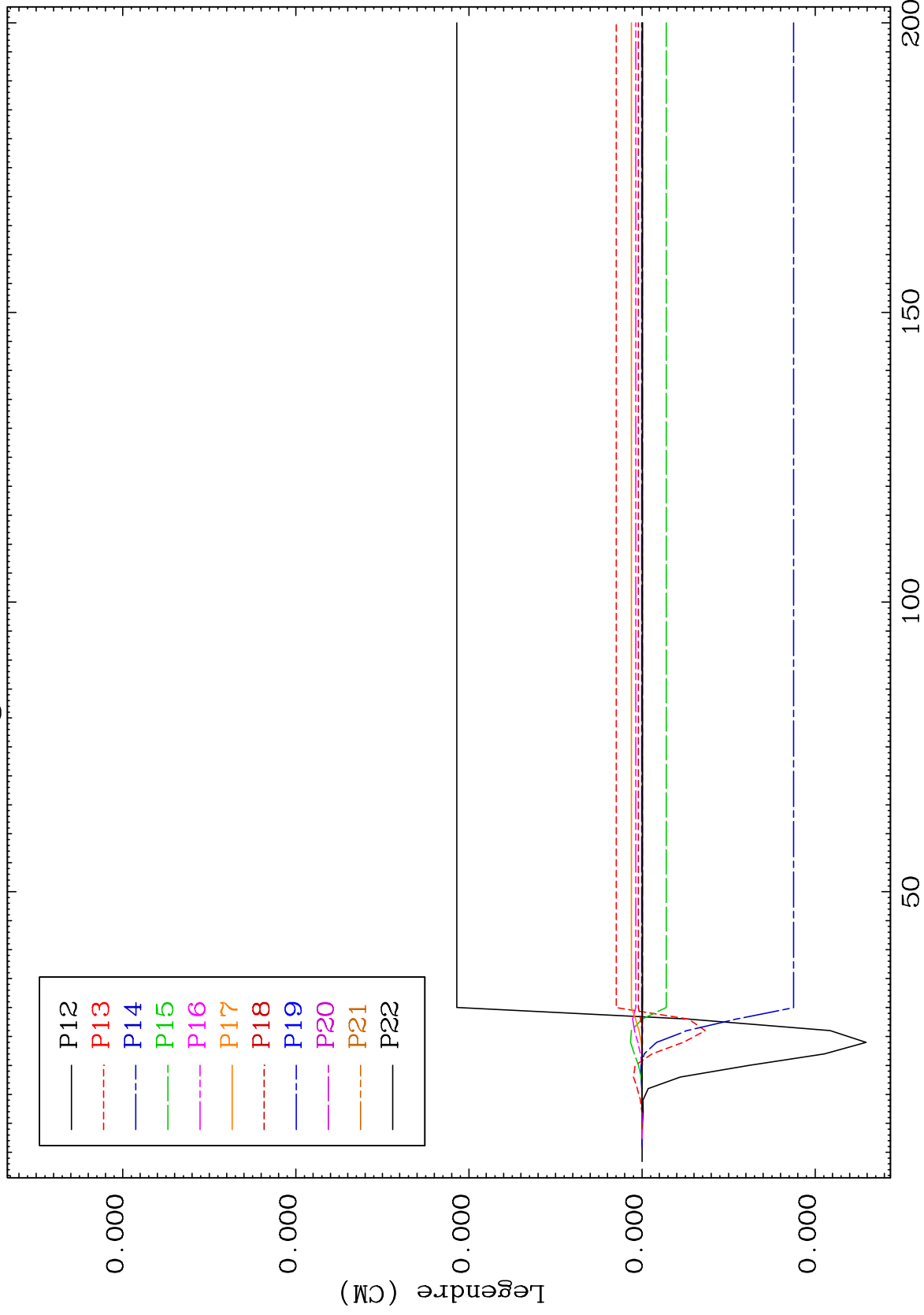
Incident Energy (MeV)

48-Cd-102

MAT 4813

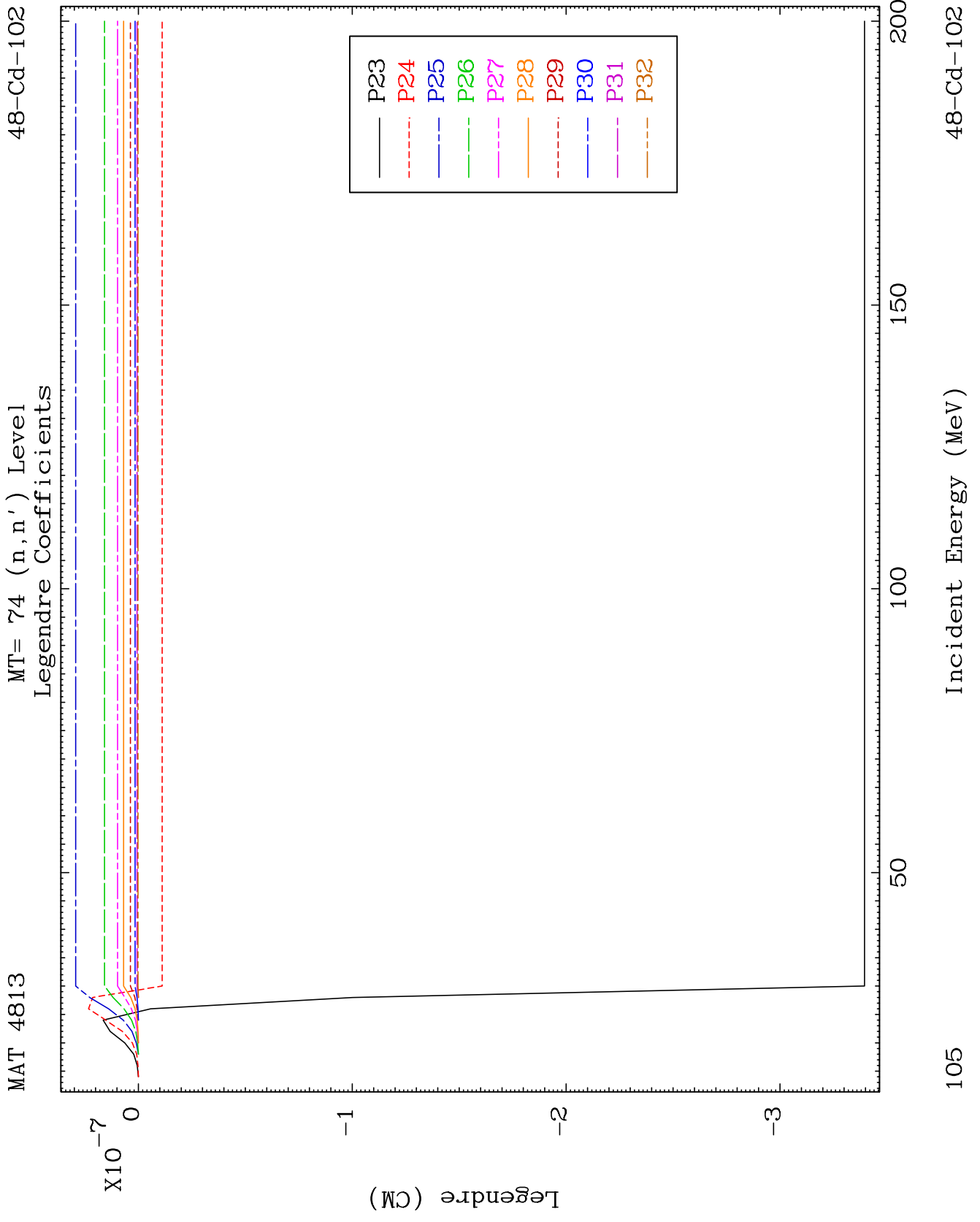
MT= 74 (n,n') Level
Legendre Coefficients

48-Cd-102



104

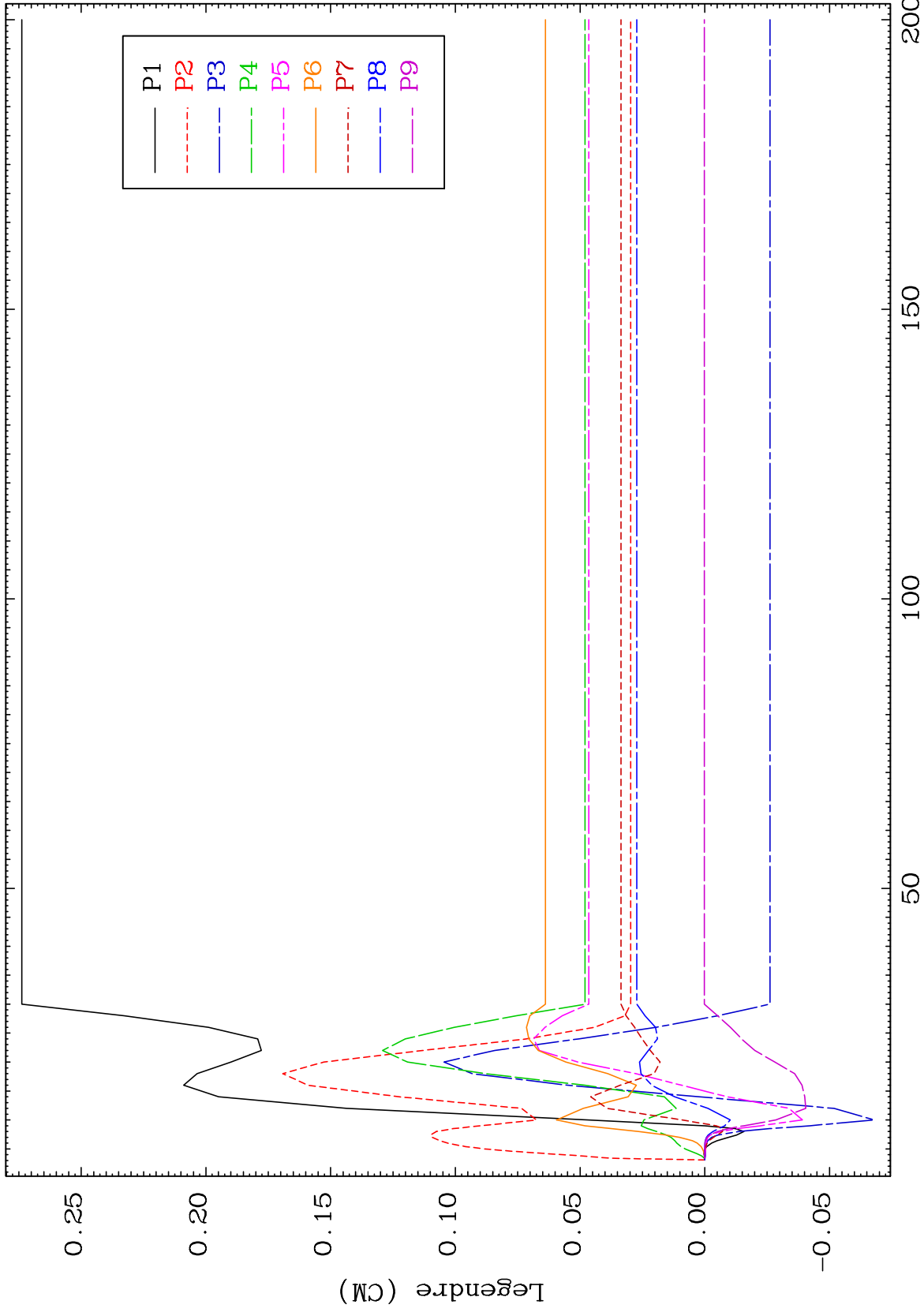
48-Cd-102



MAT 4813

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

48-Cd-102



106

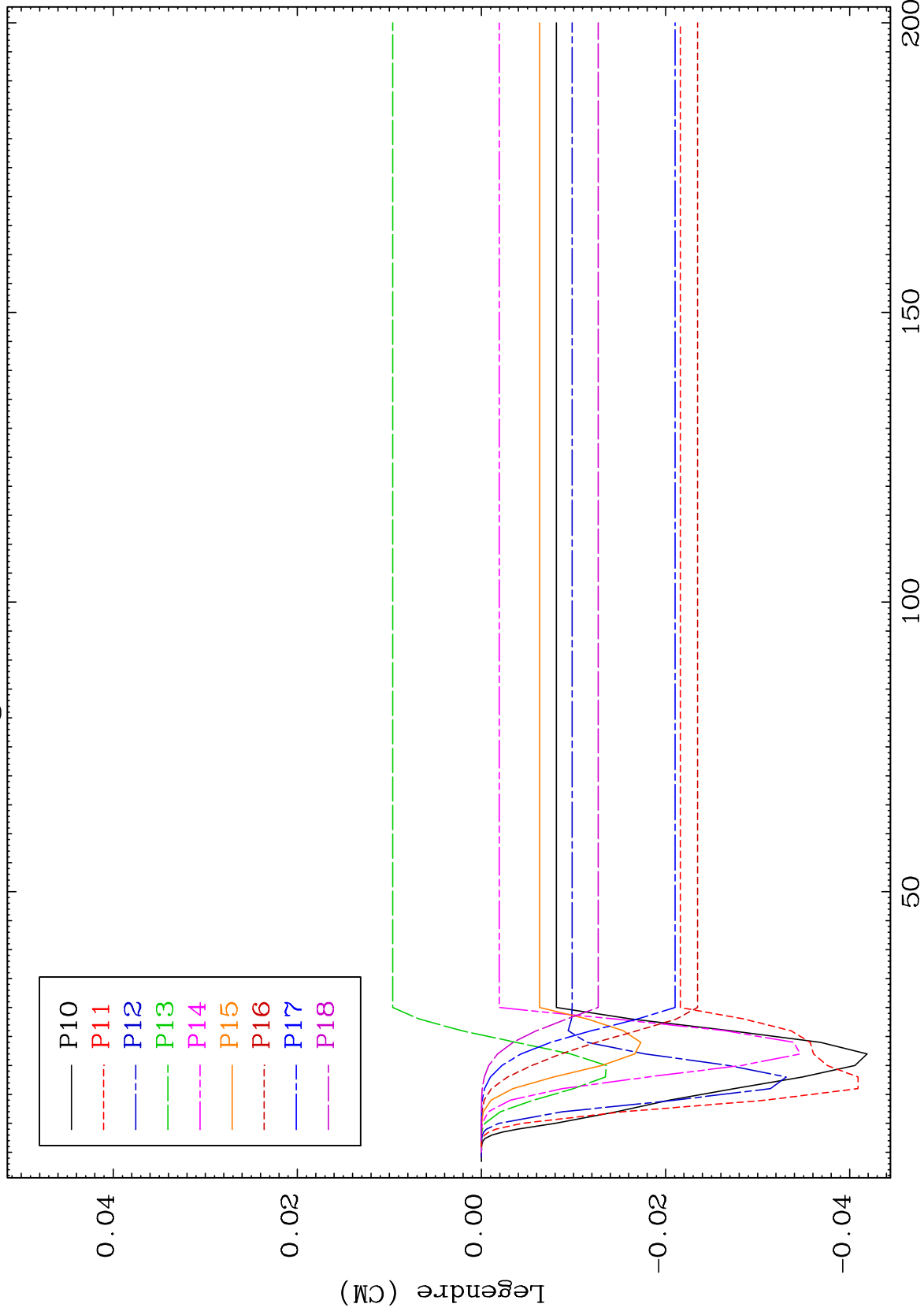
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

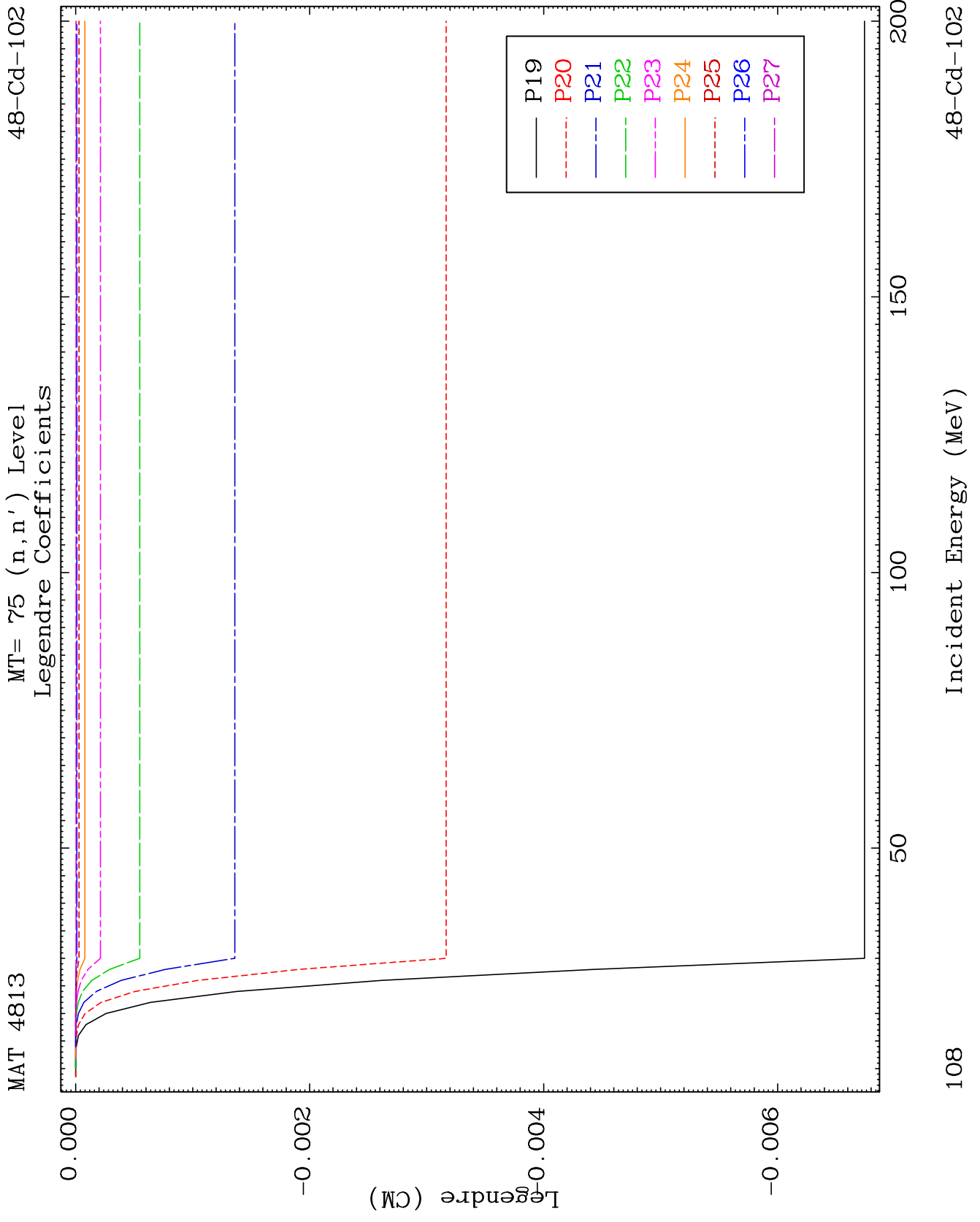
48-Cd-102

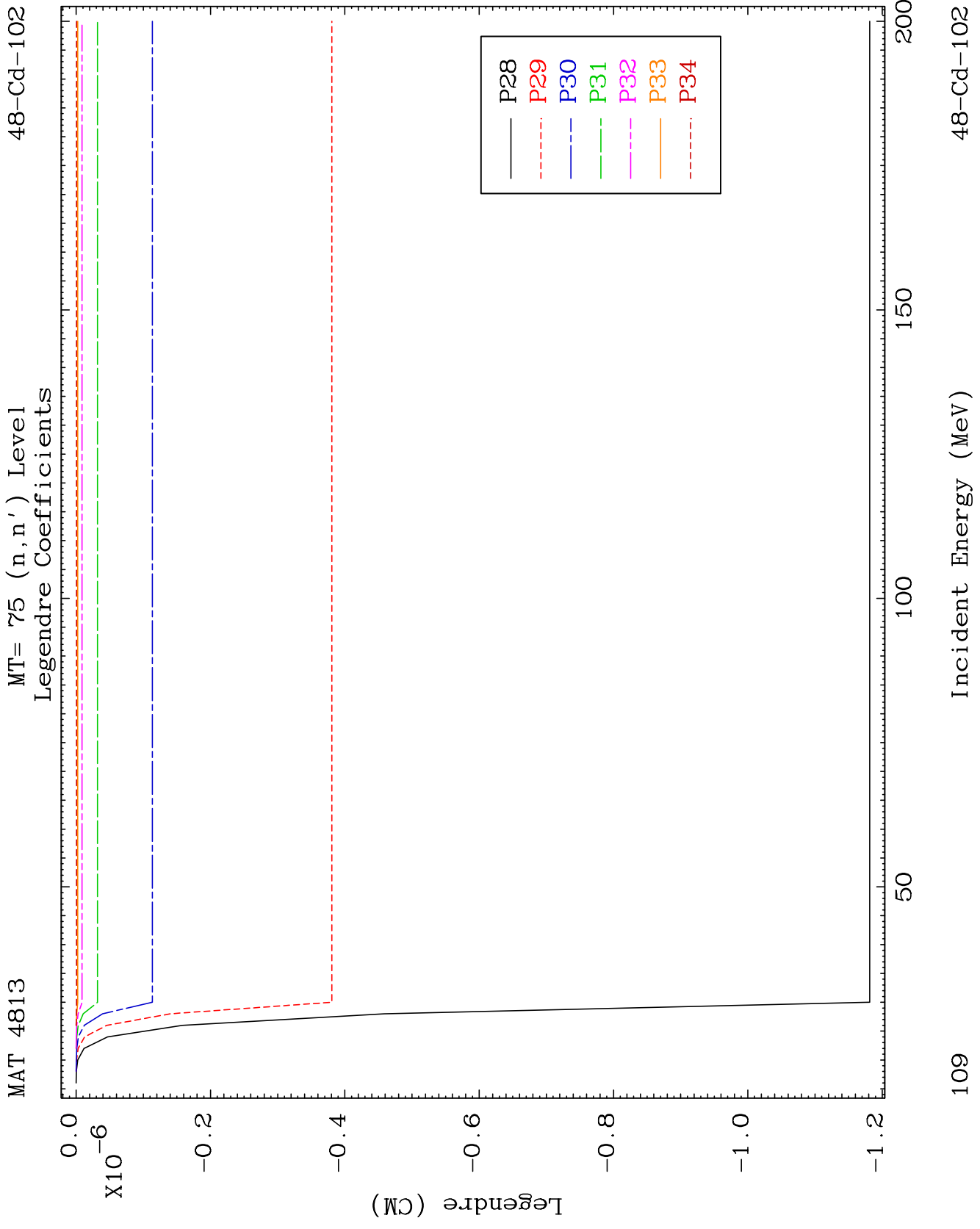


107

Incident Energy (MeV)

48-Cd-102



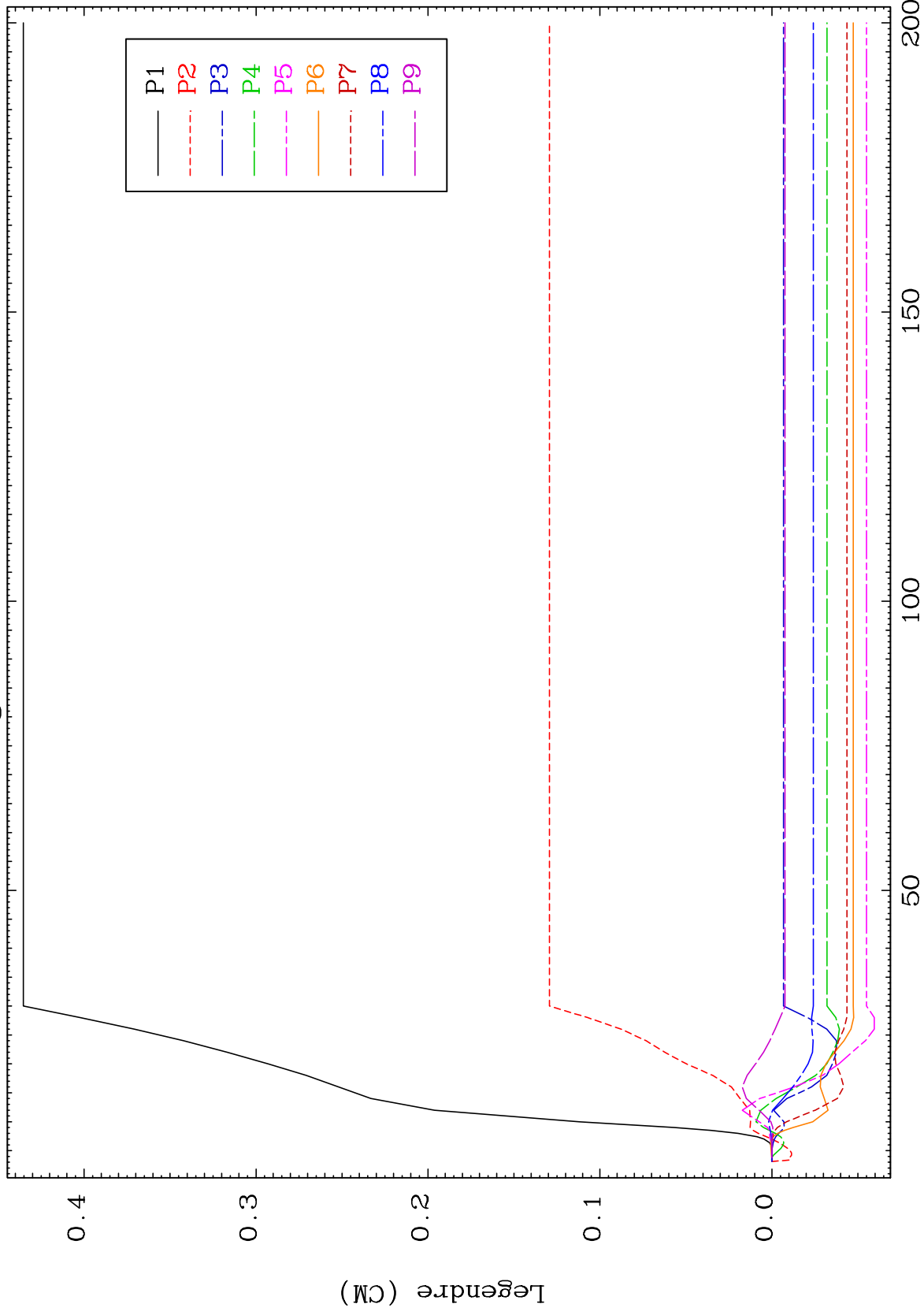


MAT 4813

MT= 76 (n,n') Level

48-Cd-102

Legendre Coefficients



110

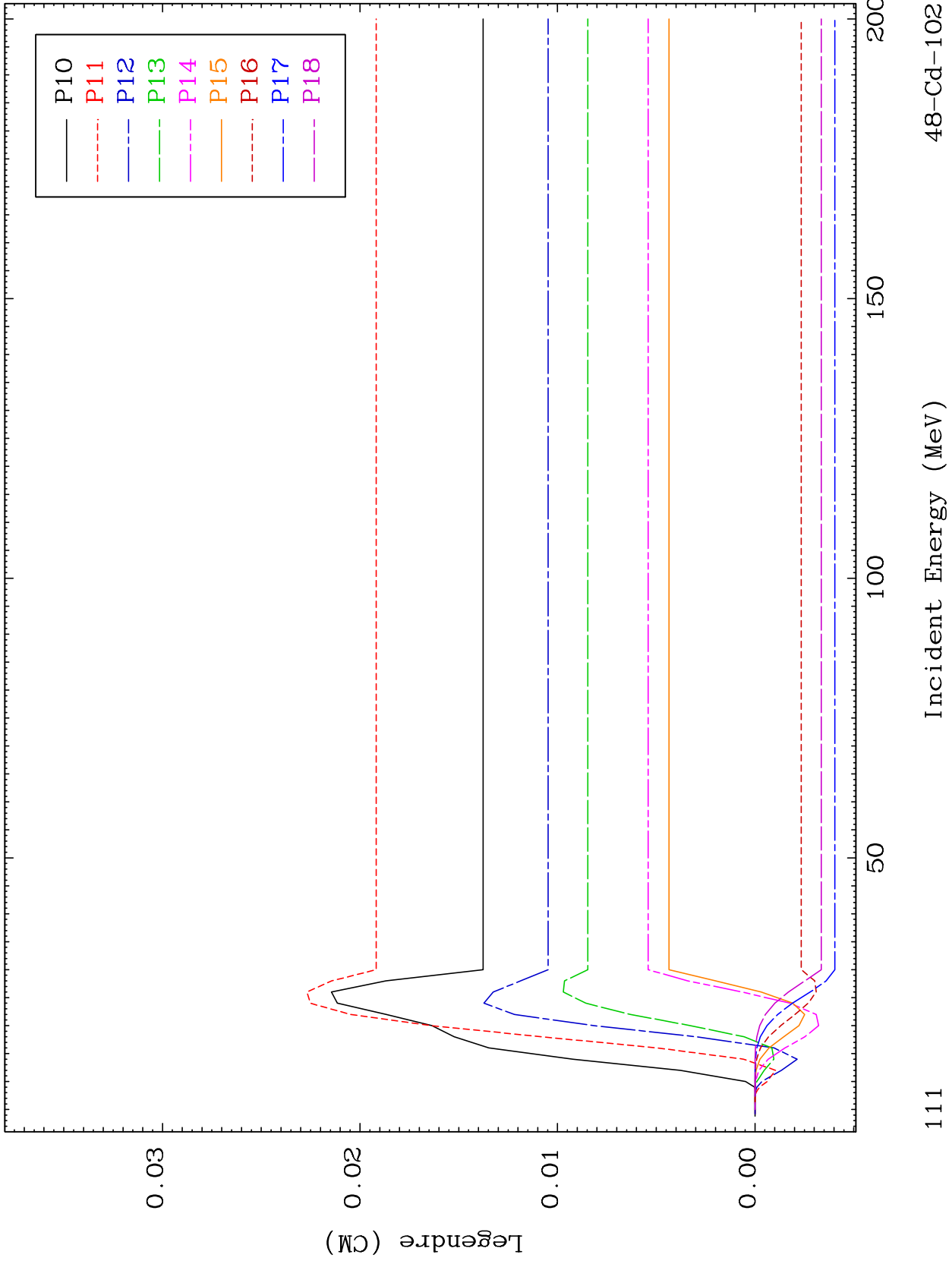
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

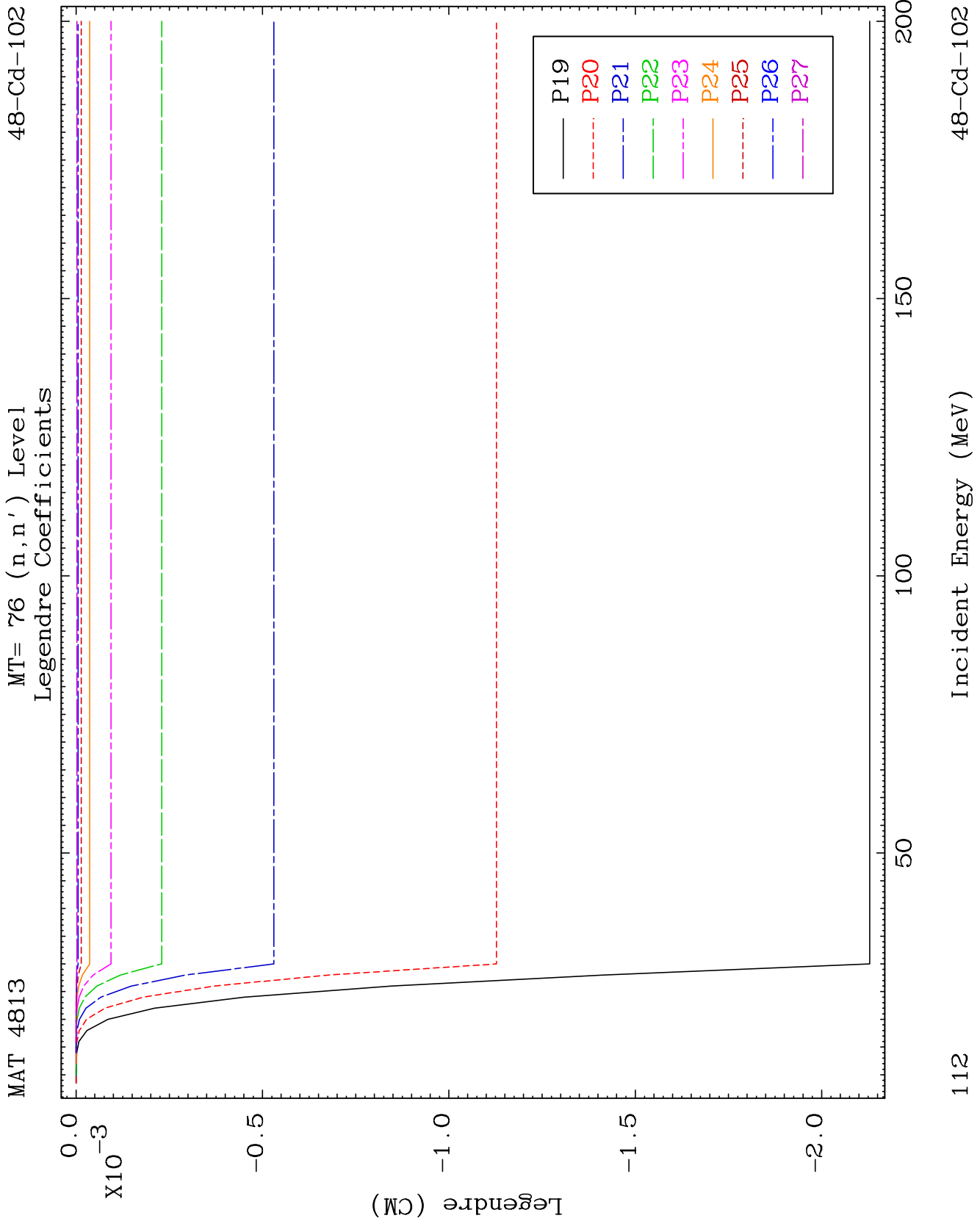
48-Cd-102



111

Incident Energy (MeV)

48-Cd-102

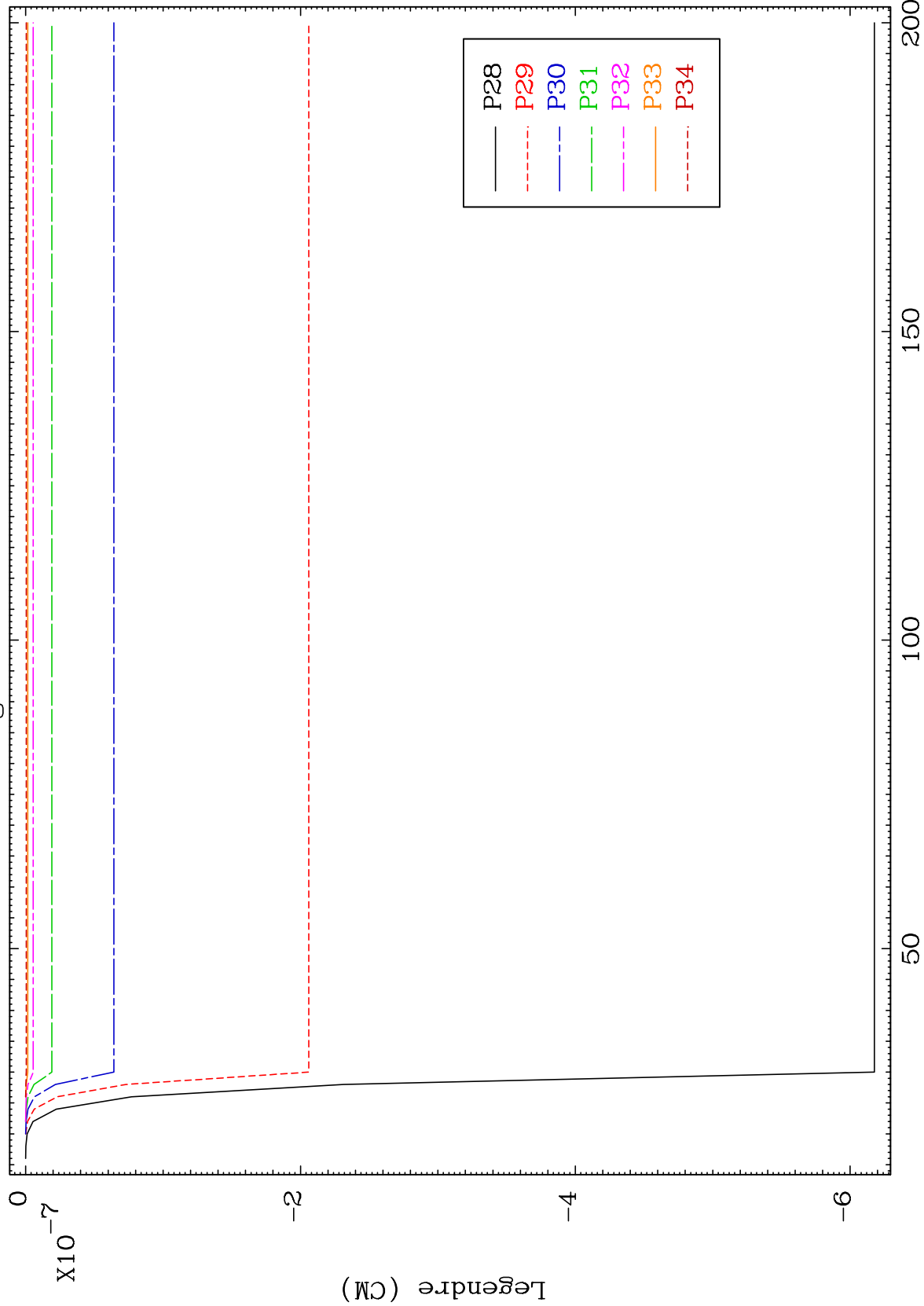


MAT 4813

MT= 76 (n,n') Level

48-Cd-102

Legendre Coefficients



113

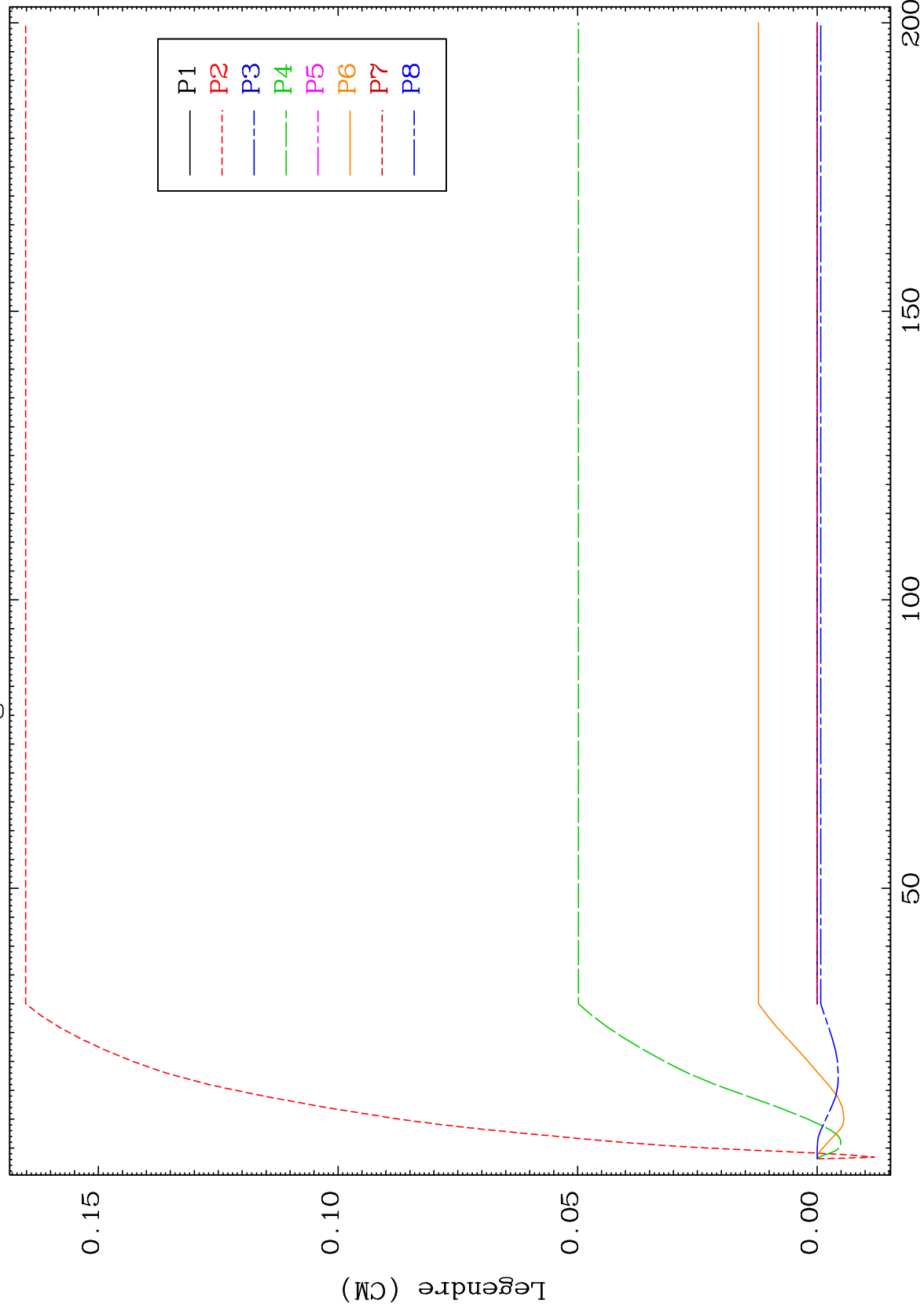
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

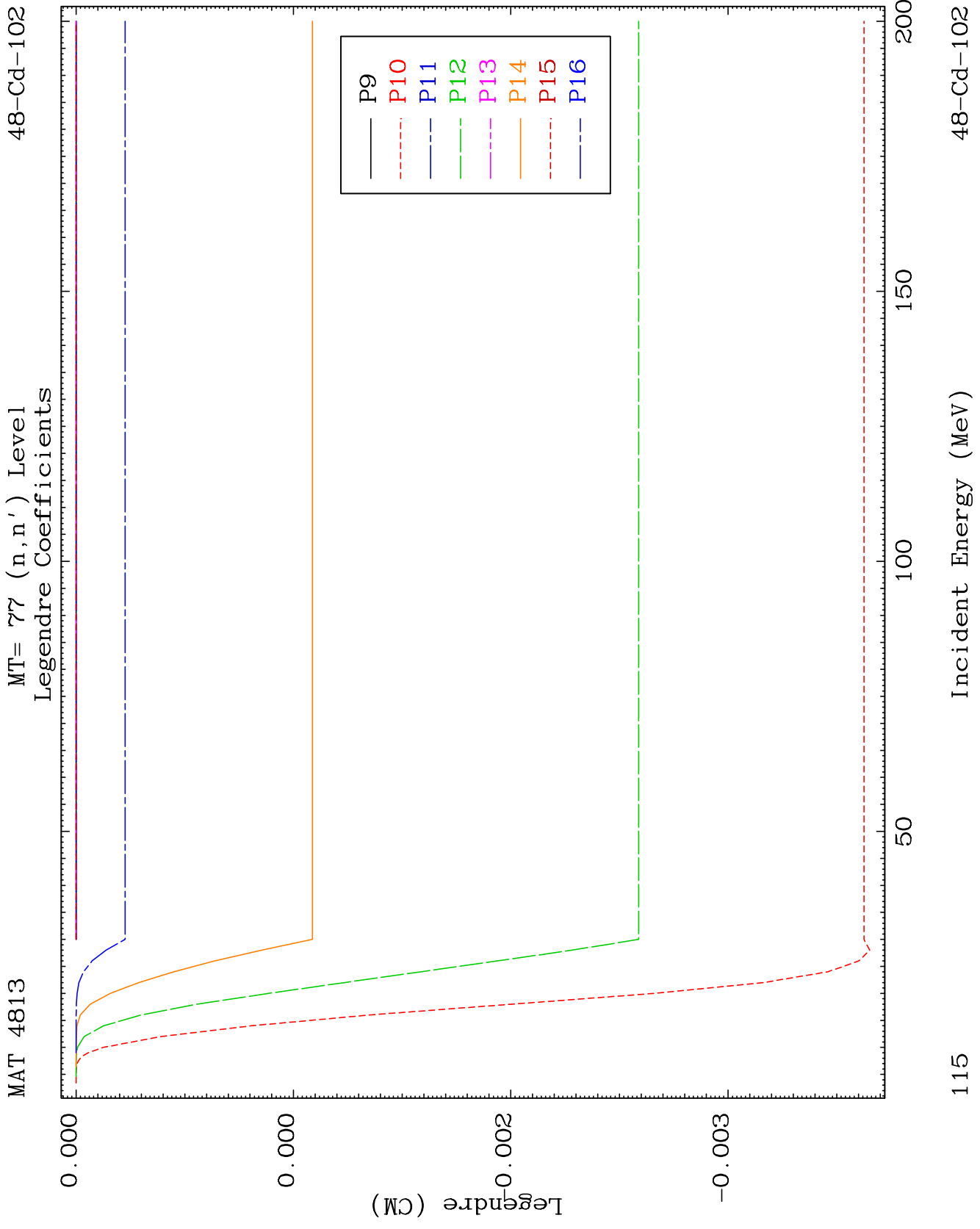
48-Cd-102

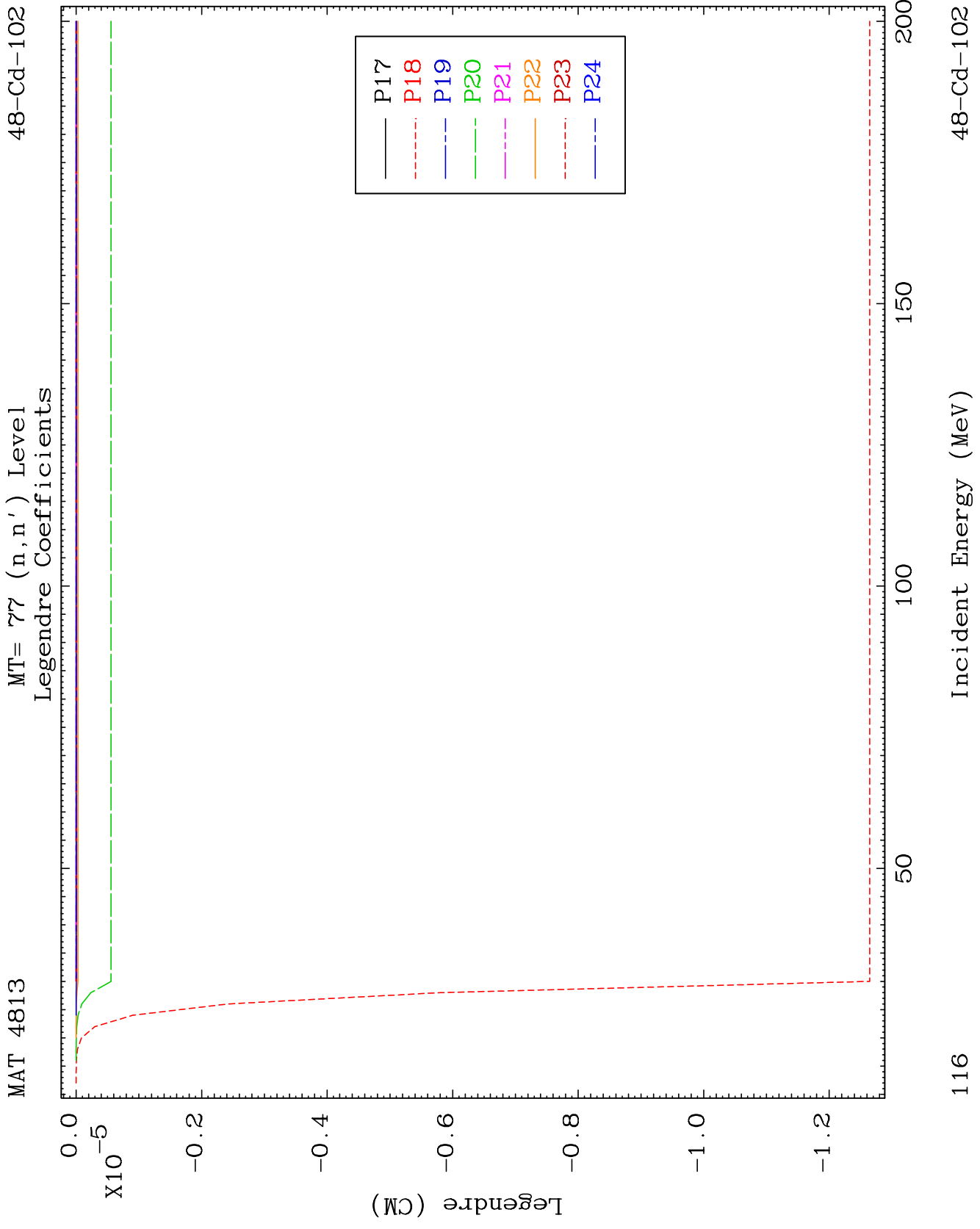


114

Incident Energy (MeV)

48-Cd-102

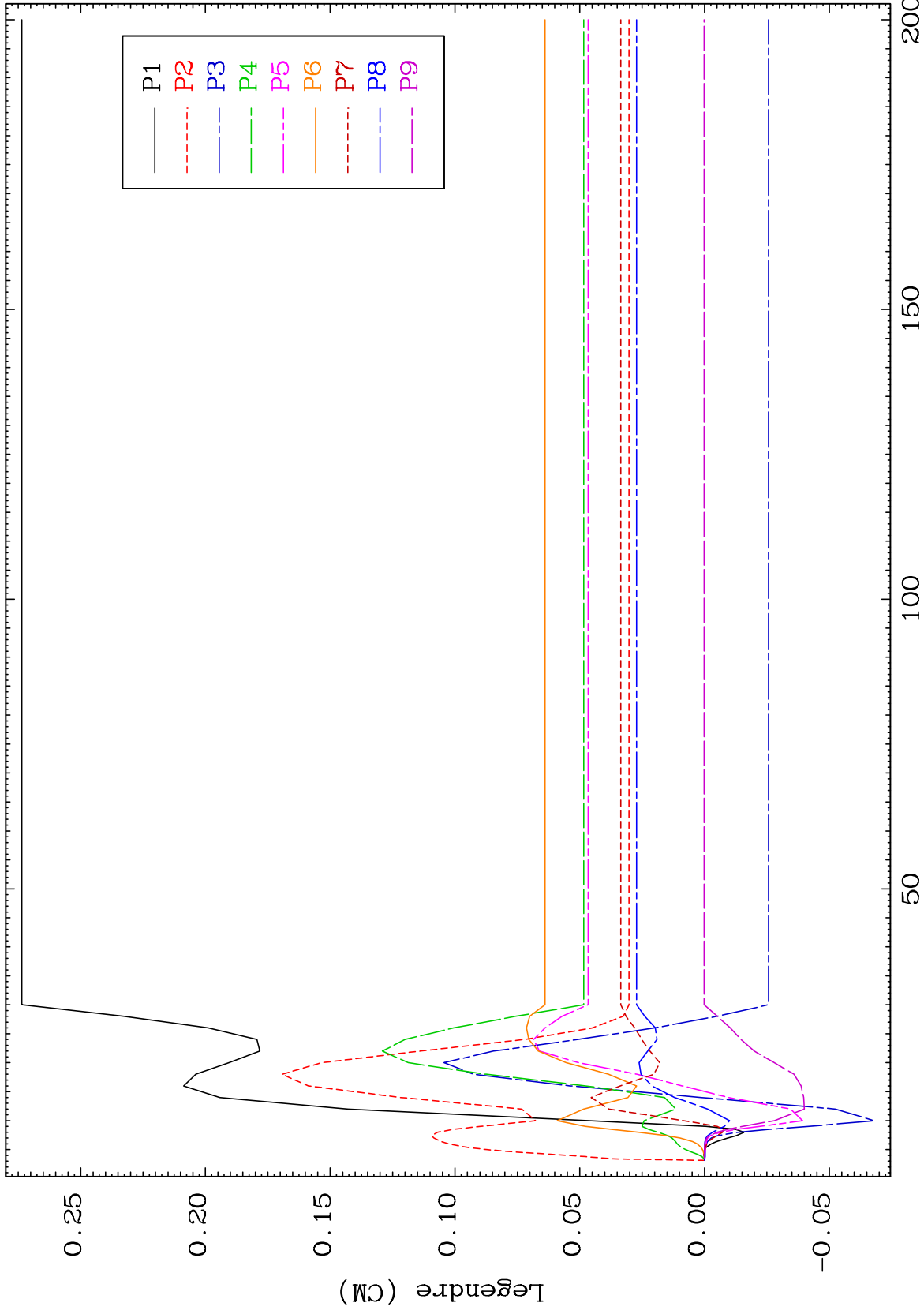




MAT 4813

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

48-Cd-102



117

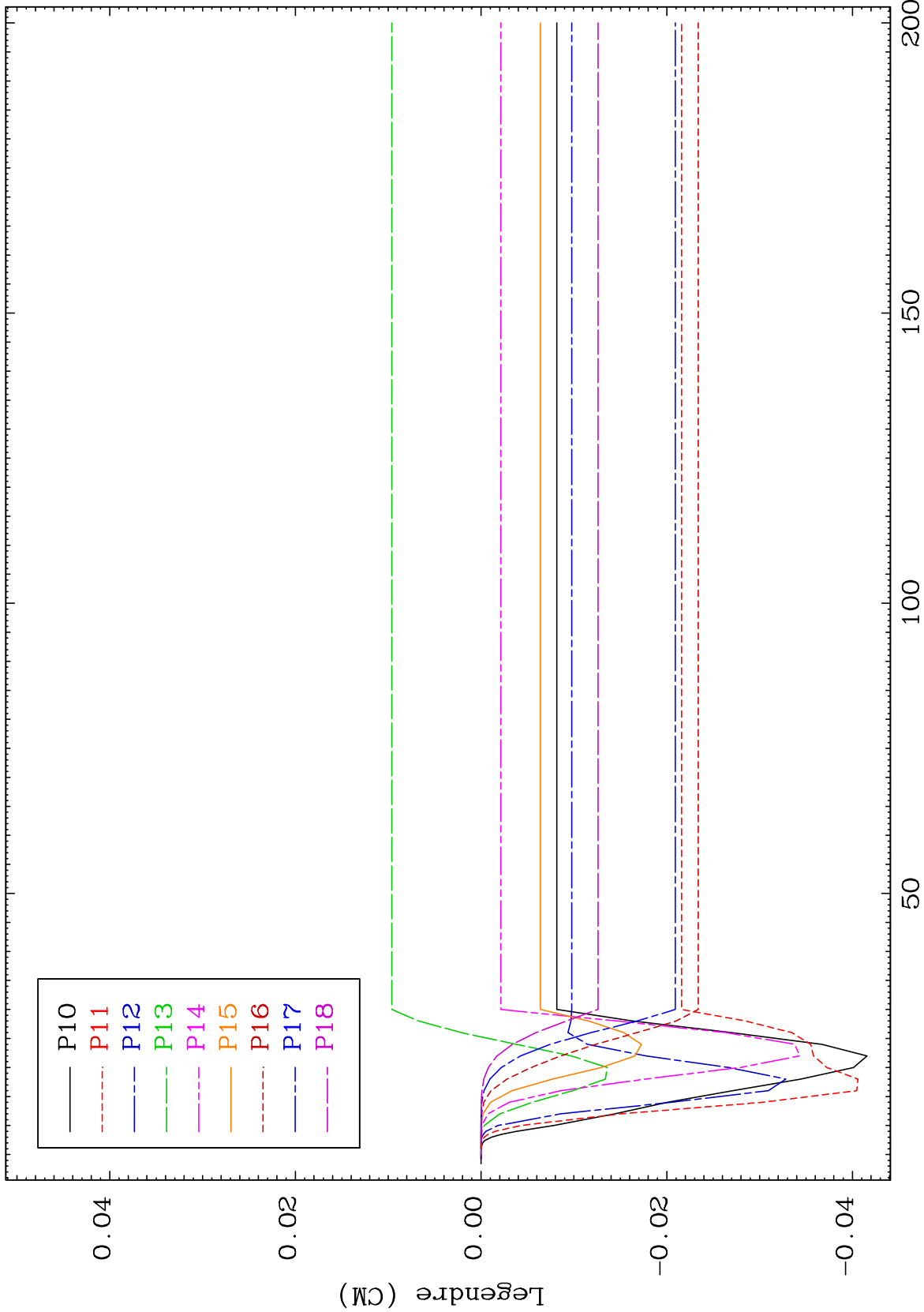
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

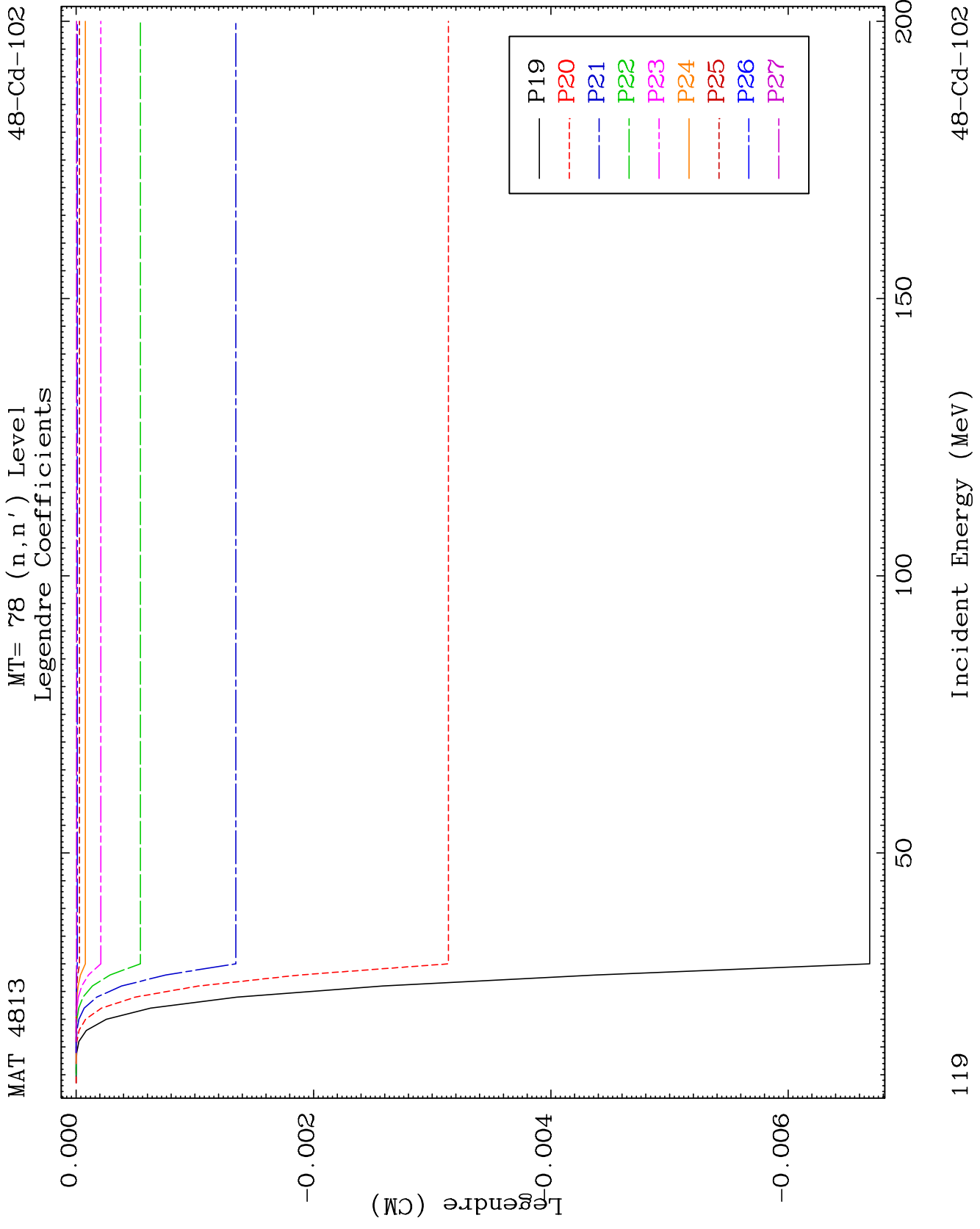
48-Cd-102

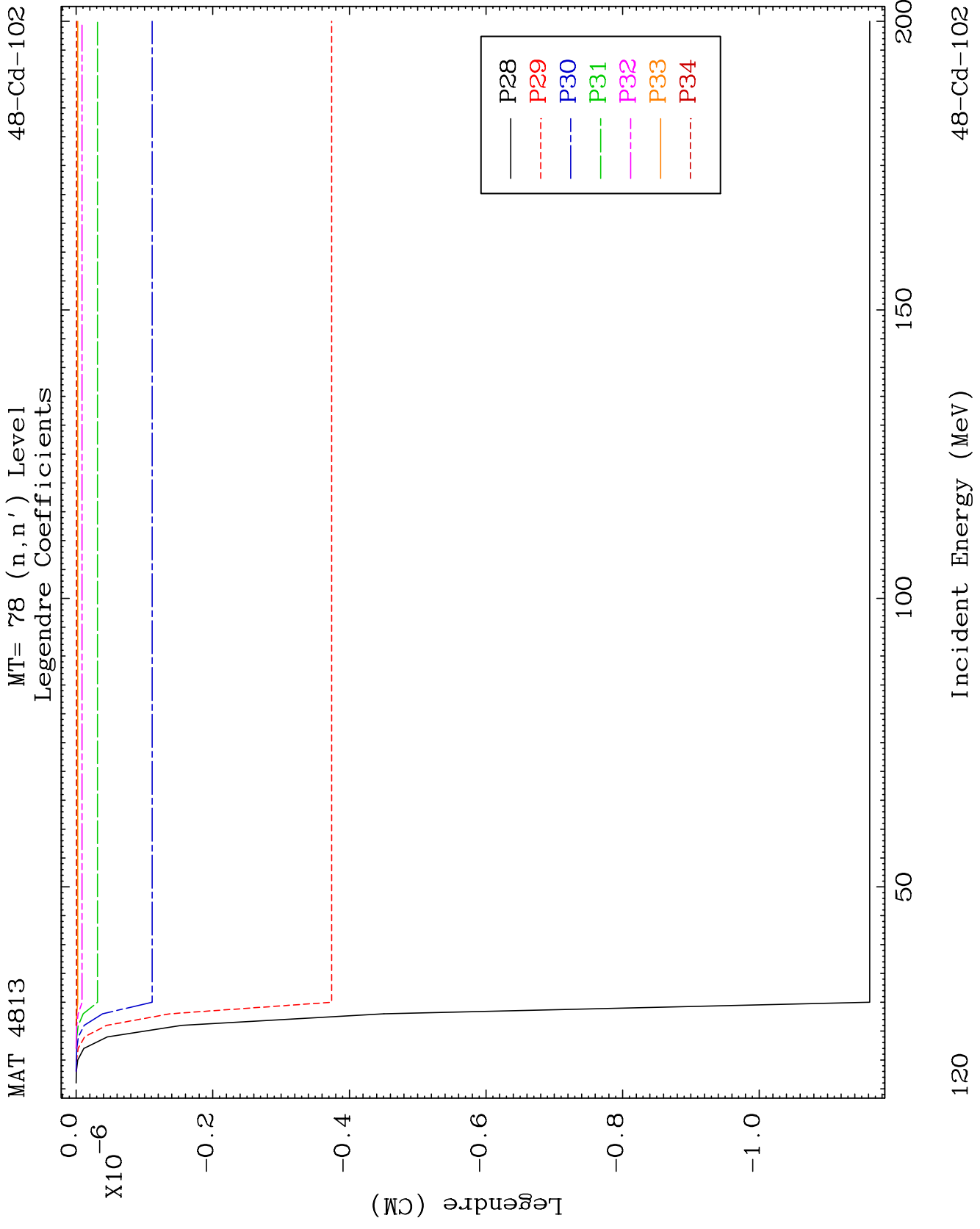


118

Incident Energy (MeV)

48-Cd-102

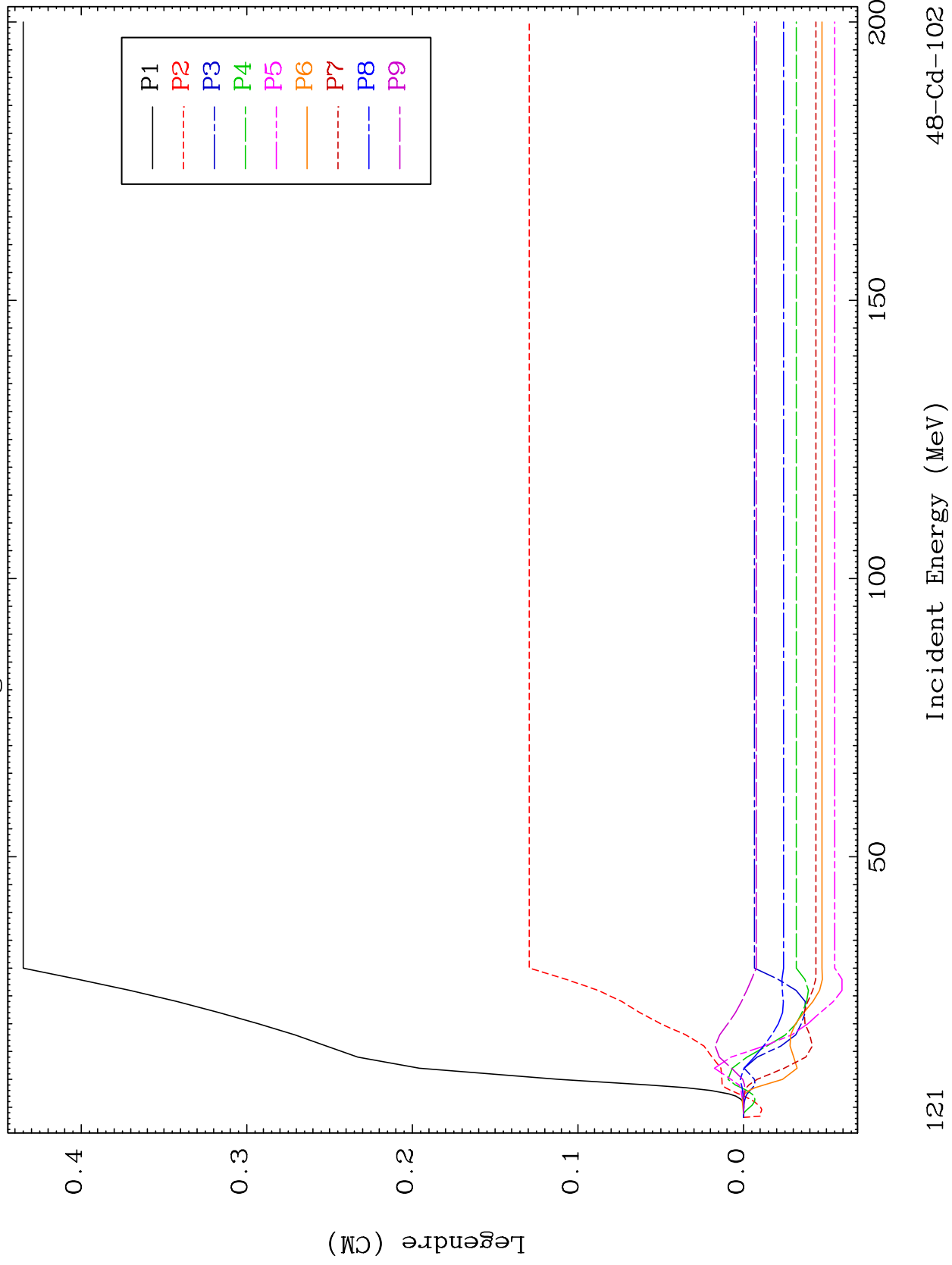




MAT 4813

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

48-Cd-102



121

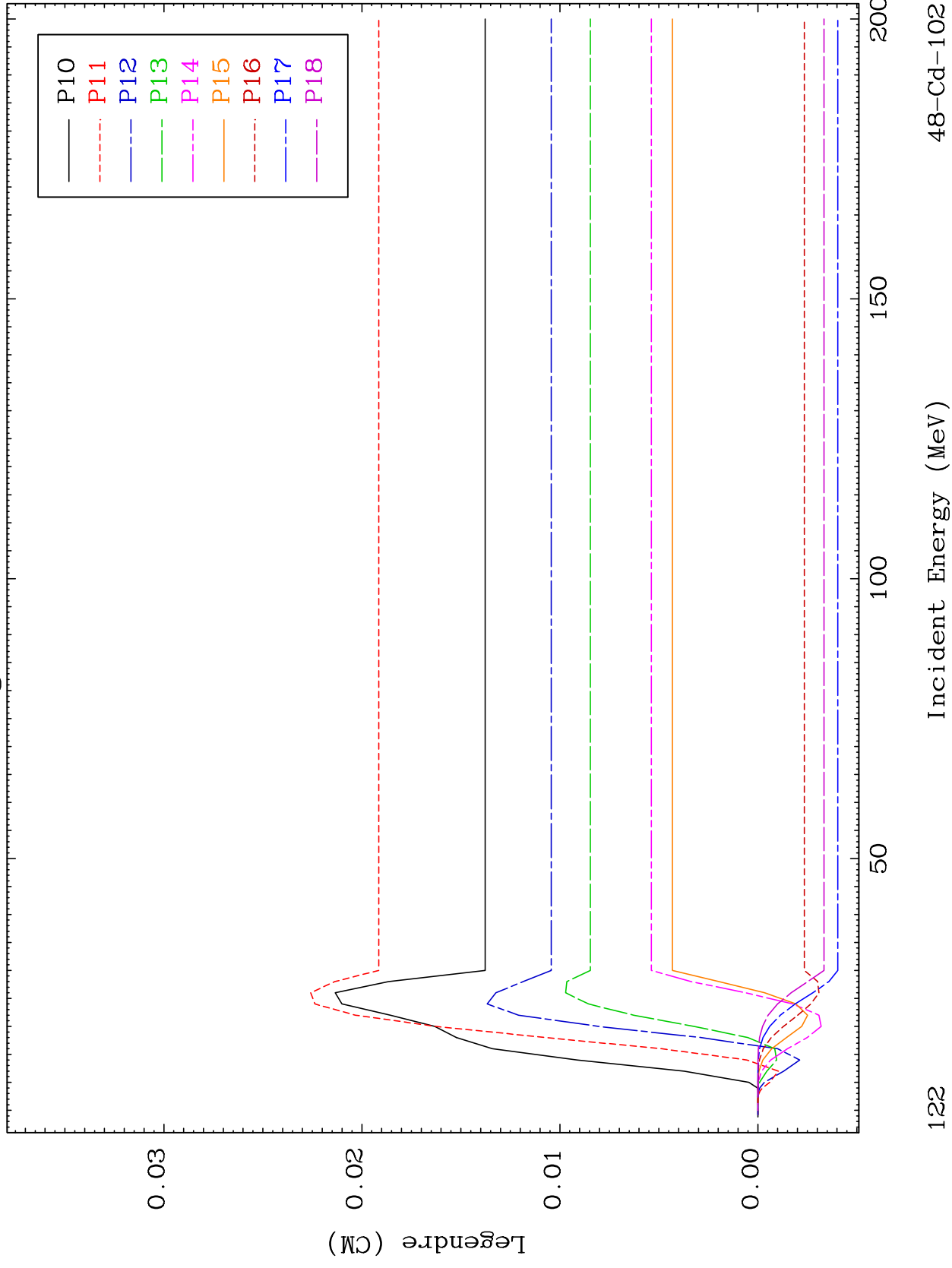
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

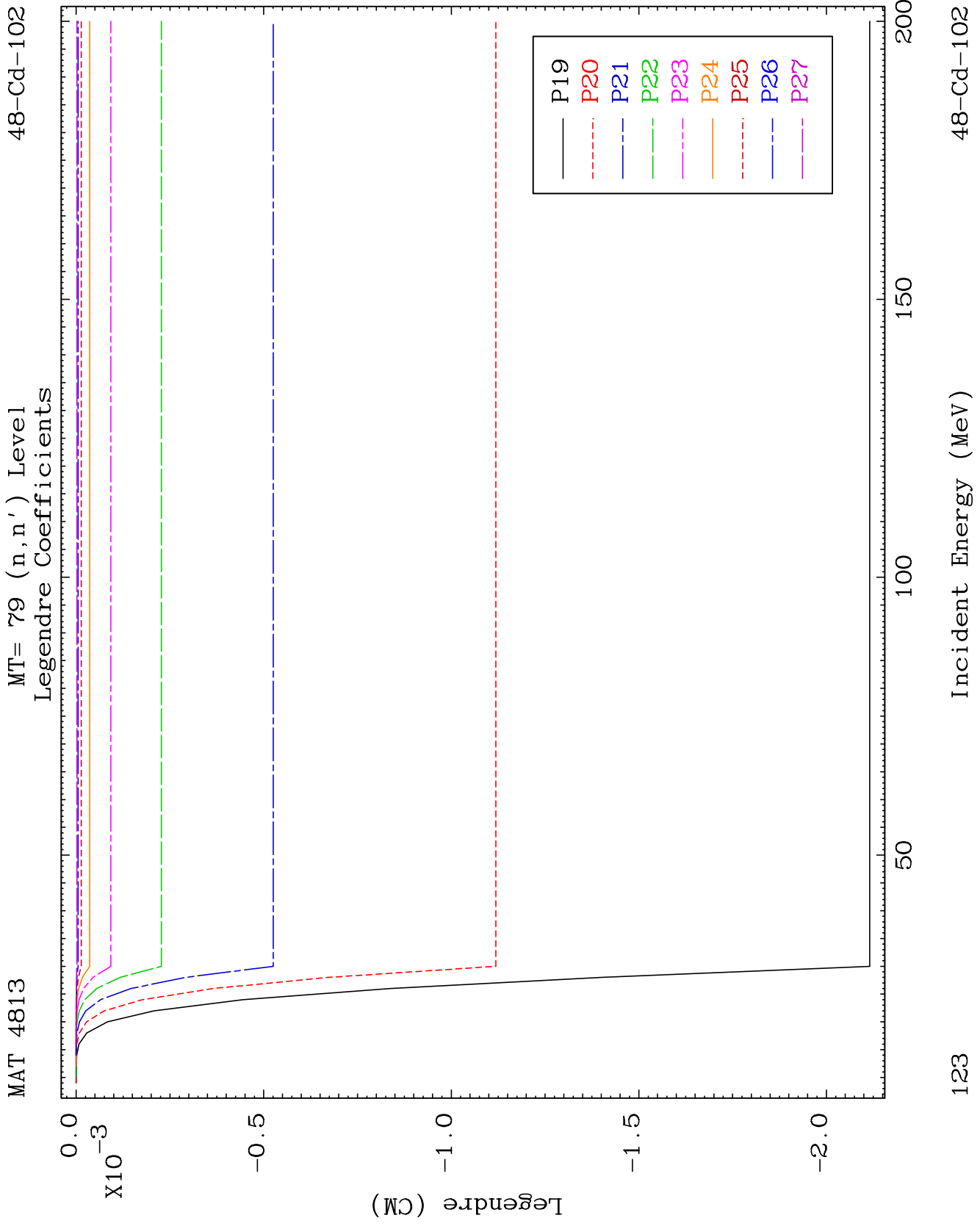
48-Cd-102

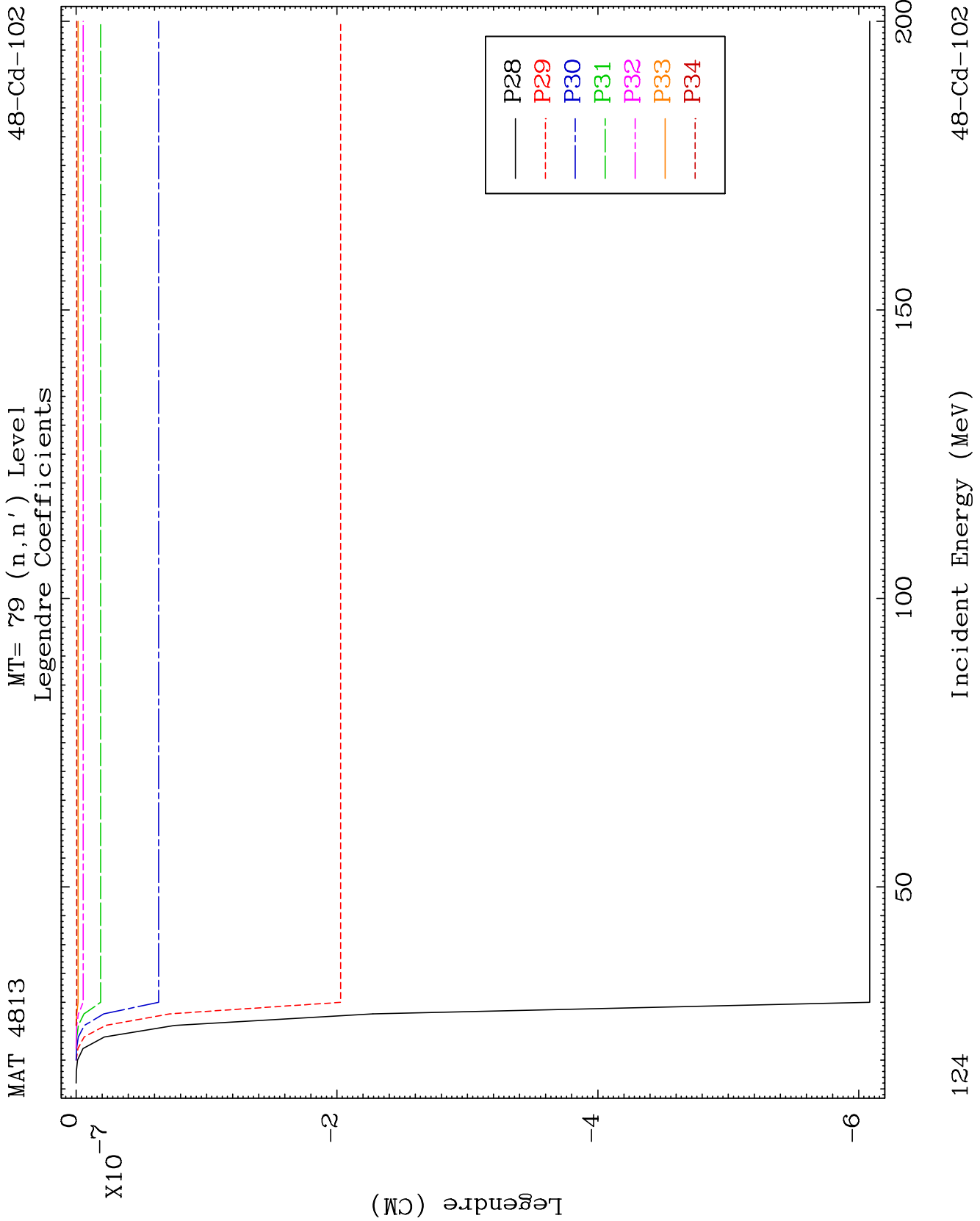


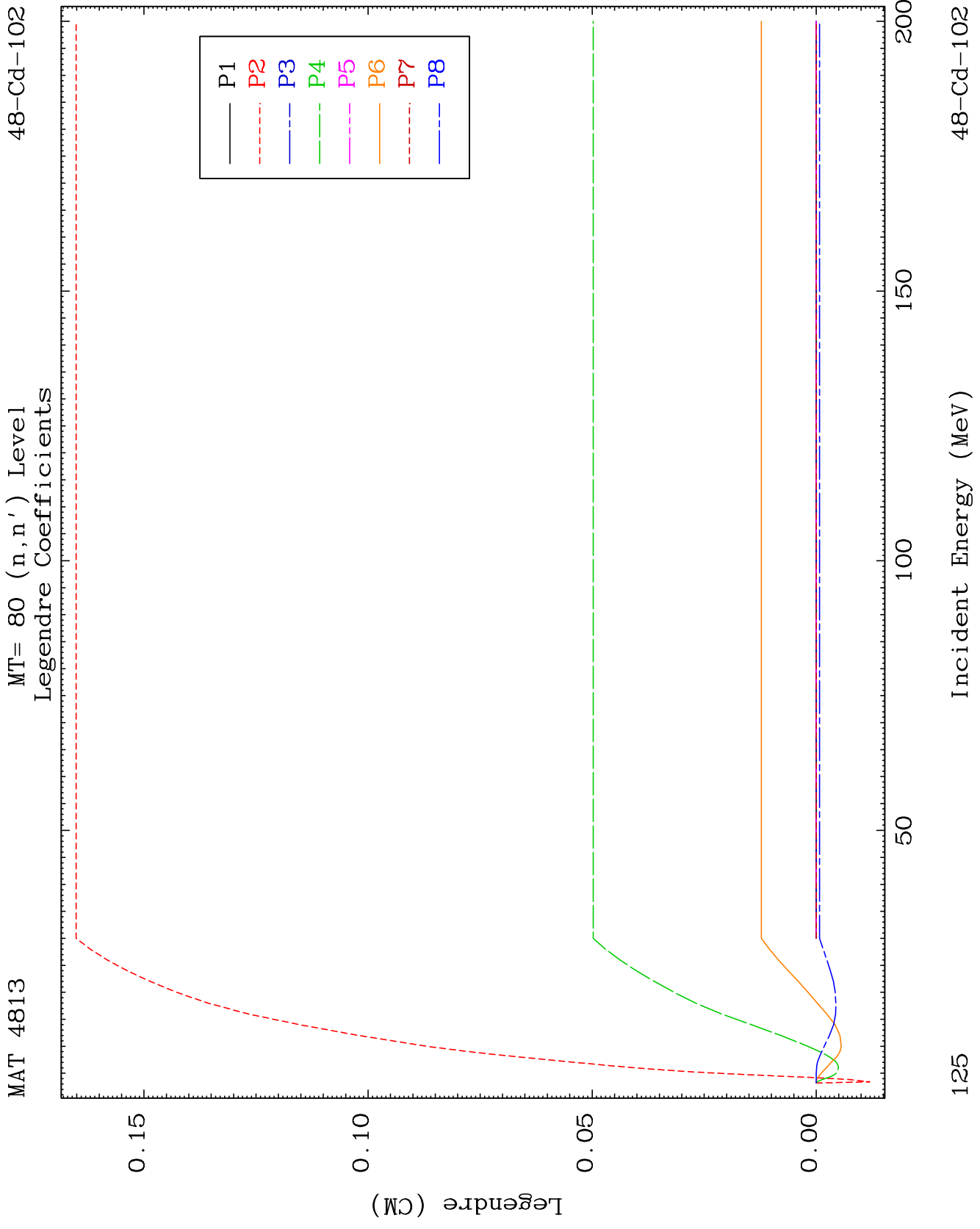
122

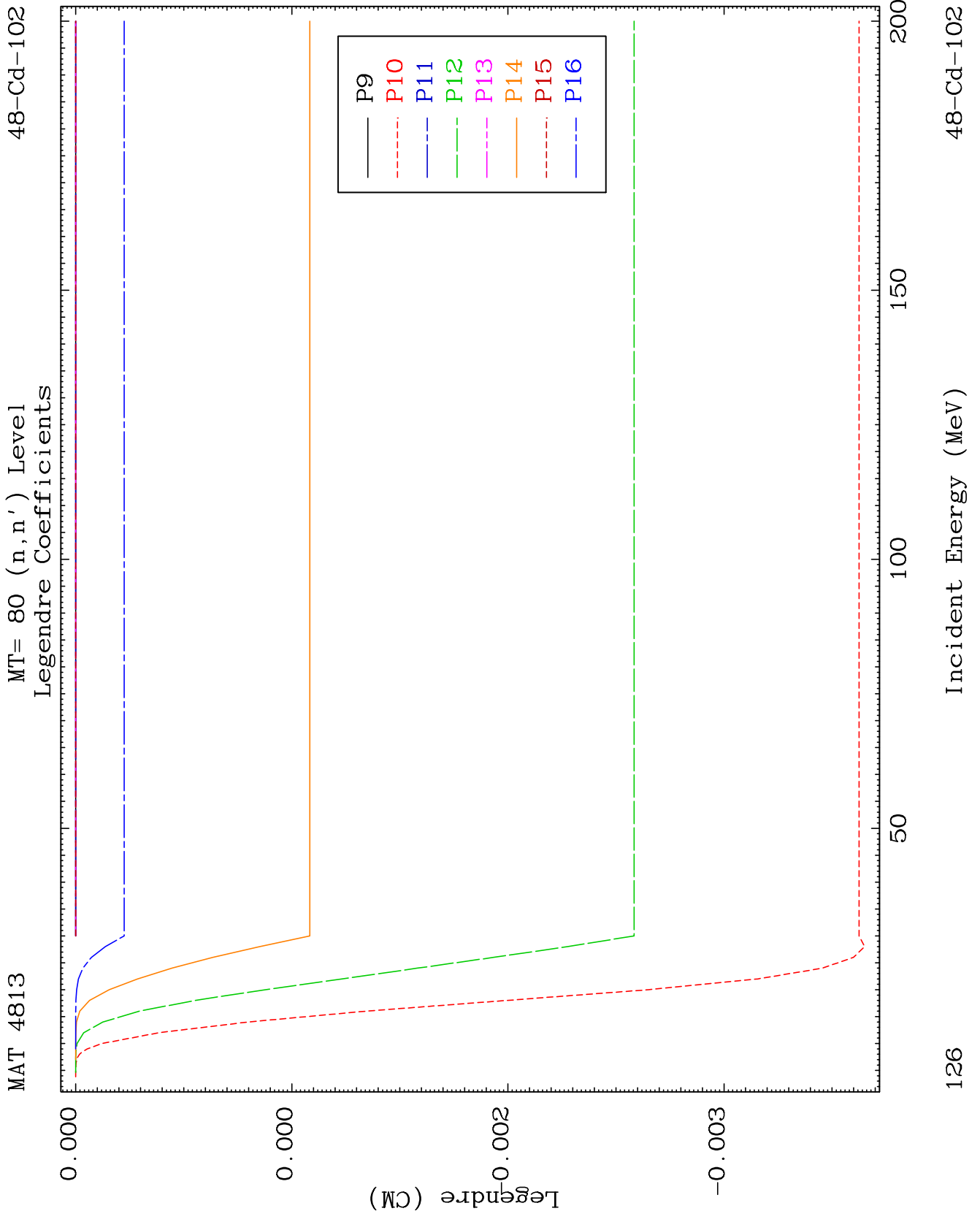
Incident Energy (MeV)

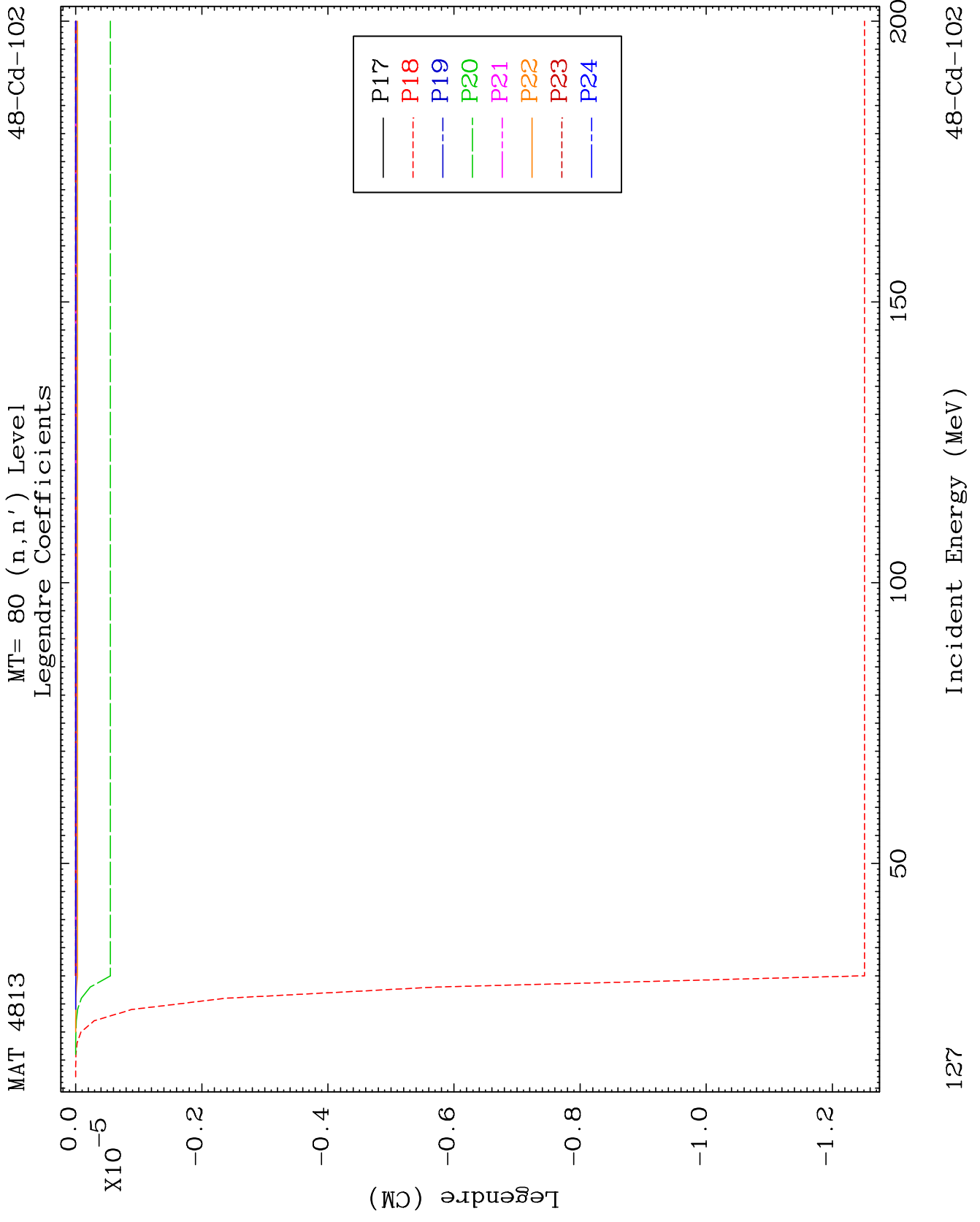
48-Cd-102









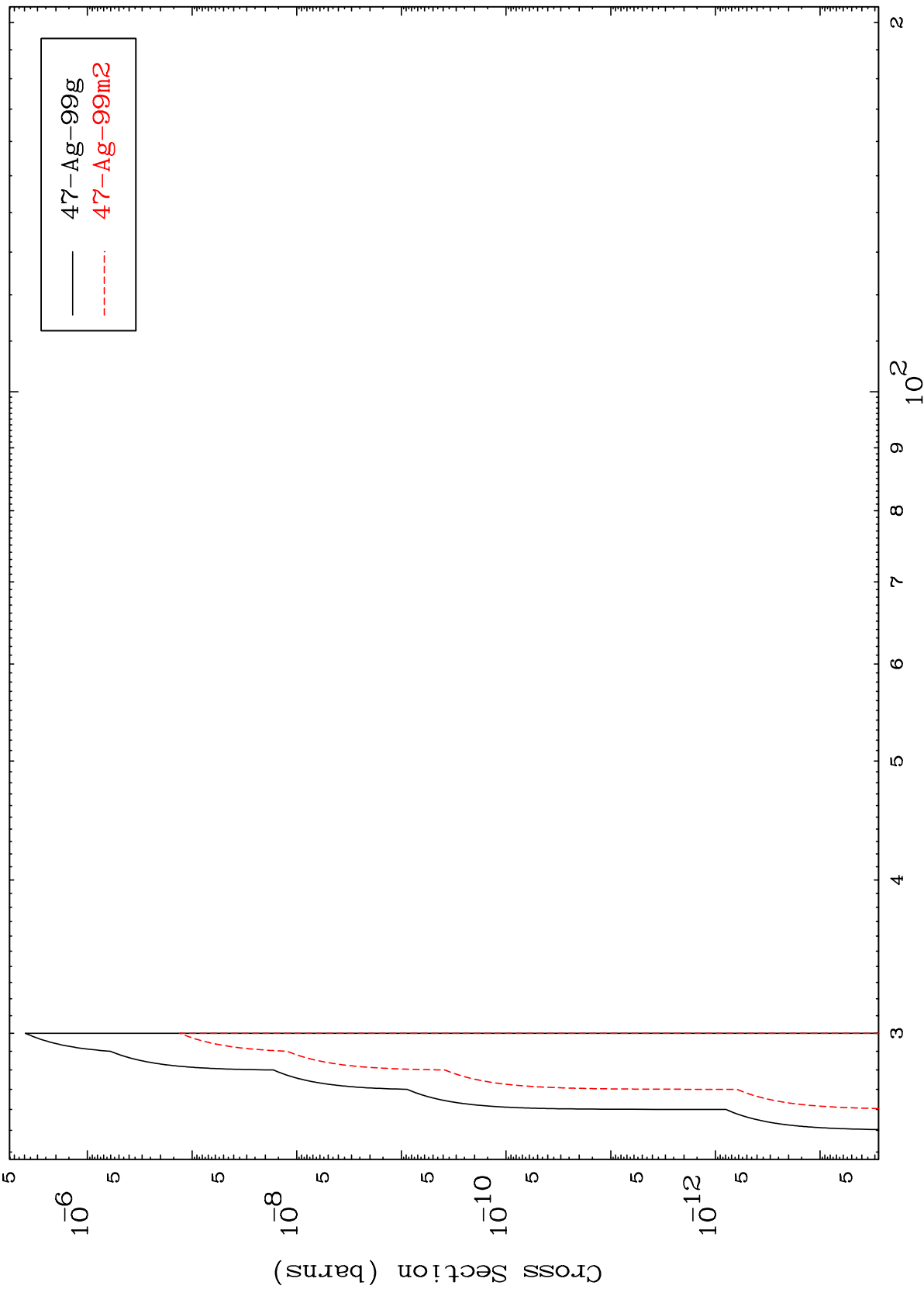


MAT 4813

(n,2n) d

48-Cd-102

Radionuclide Production Cross Section



47-Ag-99g
47-Ag-99m2

128

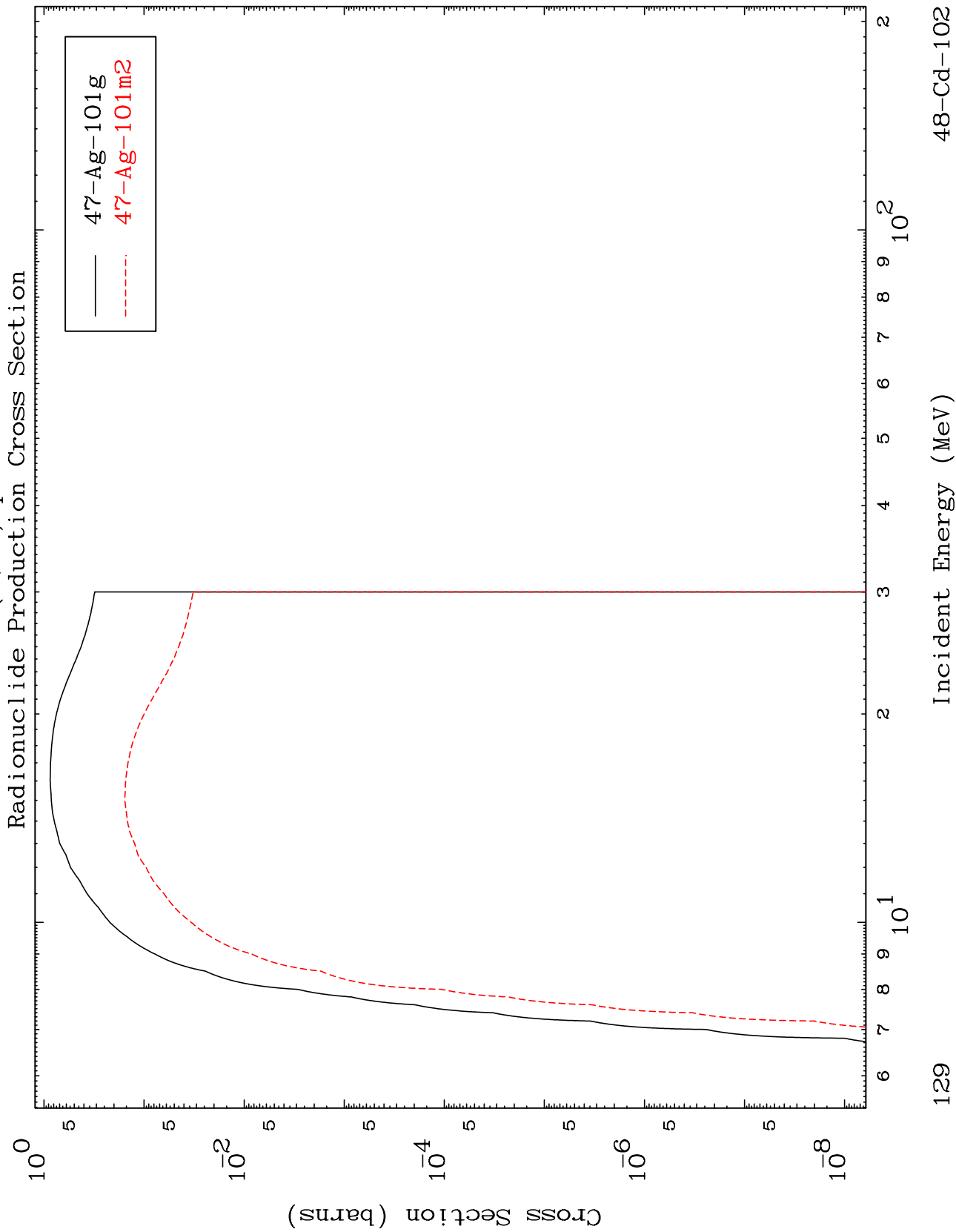
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') p

48-Cd-102



129

Incident Energy (MeV)

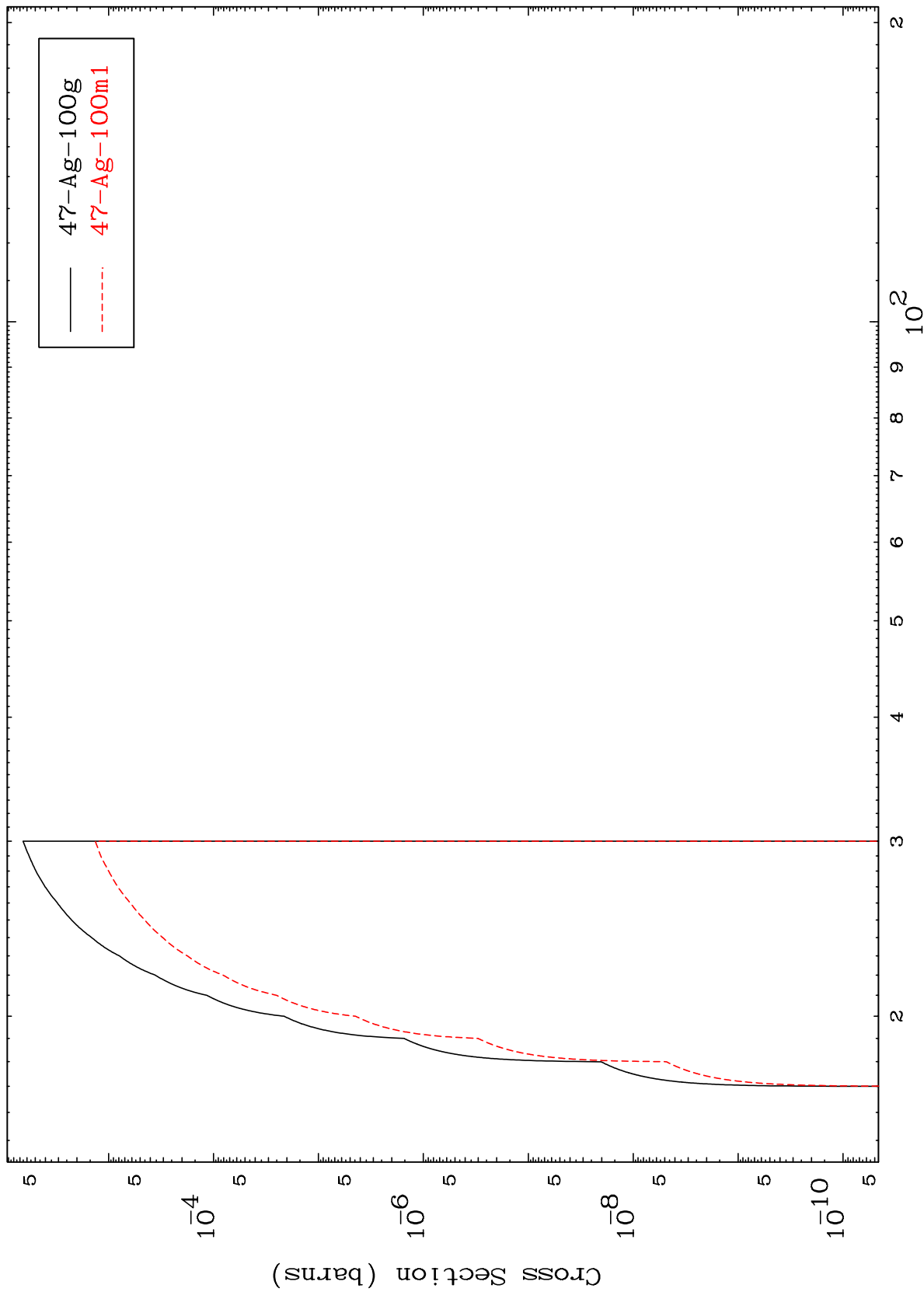
48-Cd-102

MAT 4813

(n,n') d

48-Cd-102

Radionuclide Production Cross Section



130

Incident Energy (MeV)

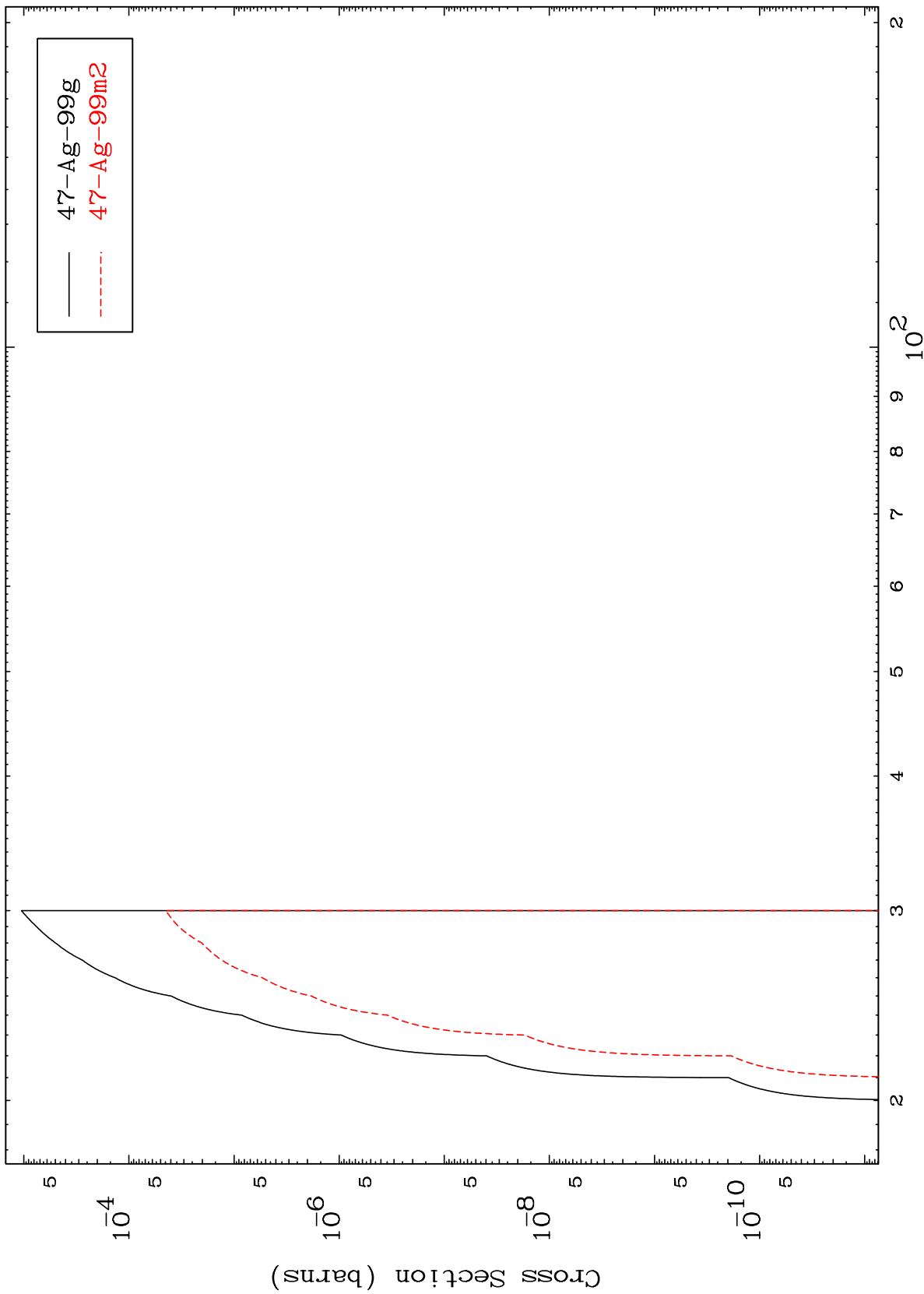
48-Cd-102

MAT 4813

(n,n') t

48-Cd-102

Radionuclide Production Cross Section



131

Incident Energy (MeV)

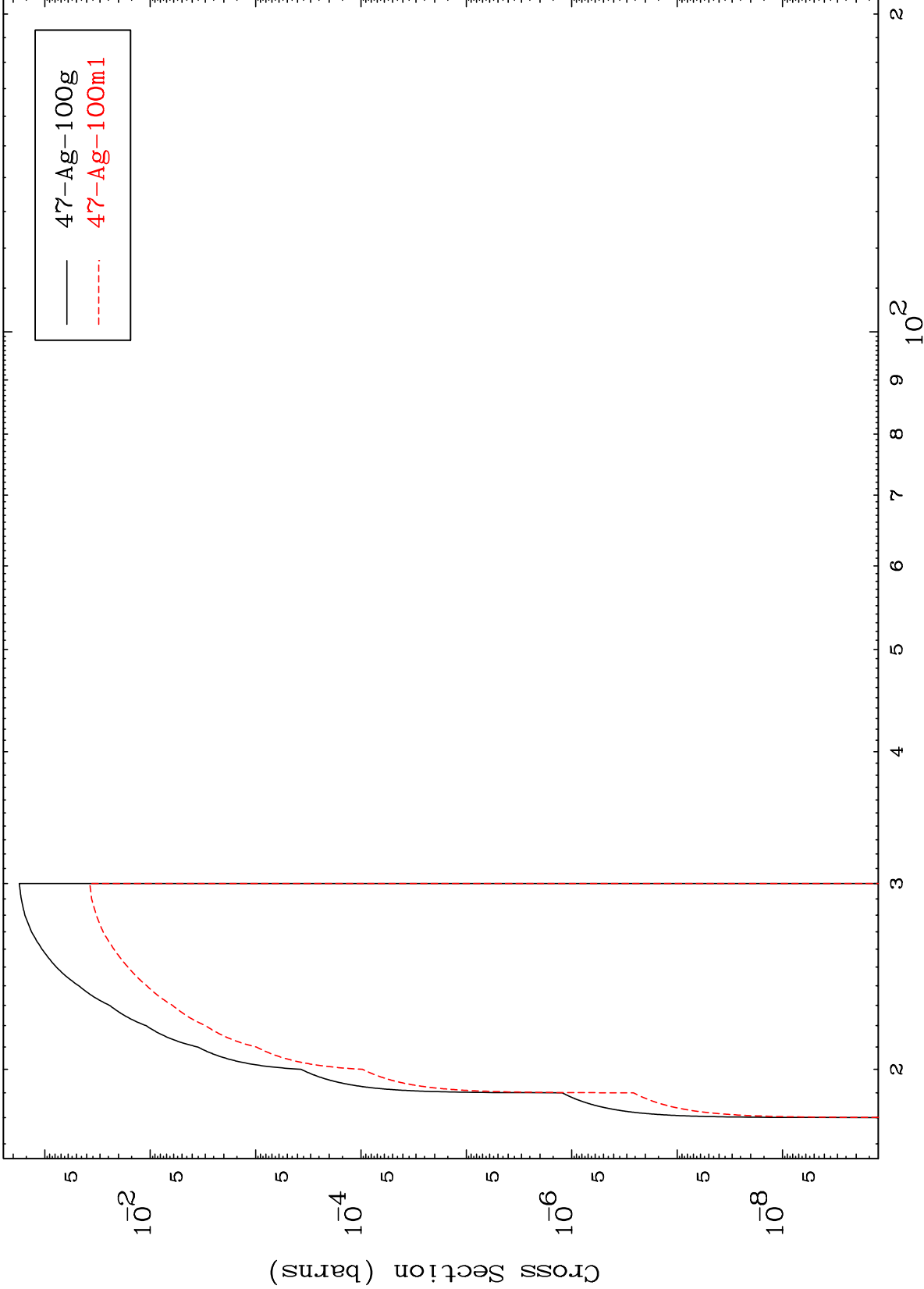
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



132

Incident Energy (MeV)

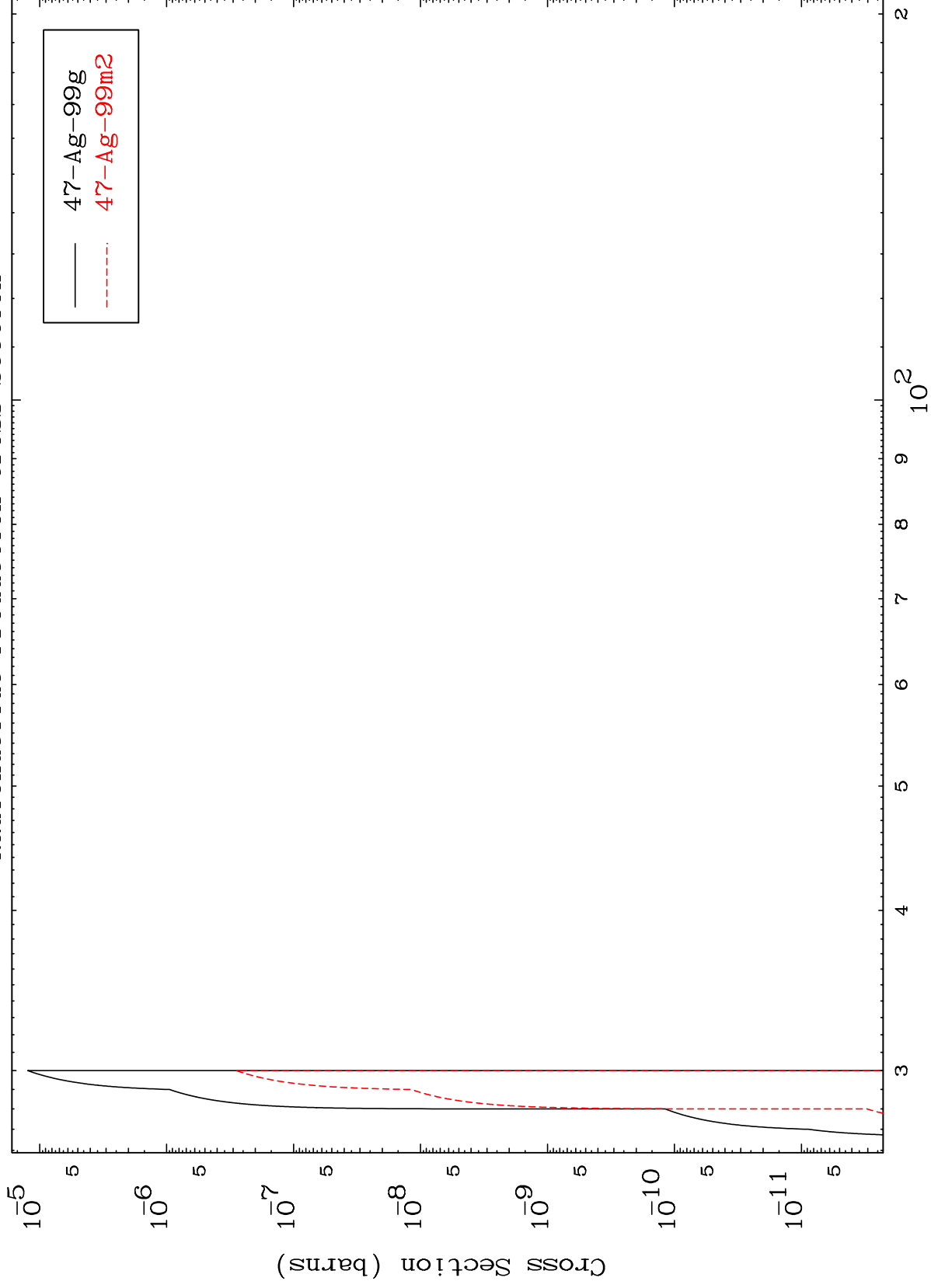
48-Cd-102

MAT 4813

(n,3n) p

48-Cd-102

Radionuclide Production Cross Section



133

Incident Energy (MeV)

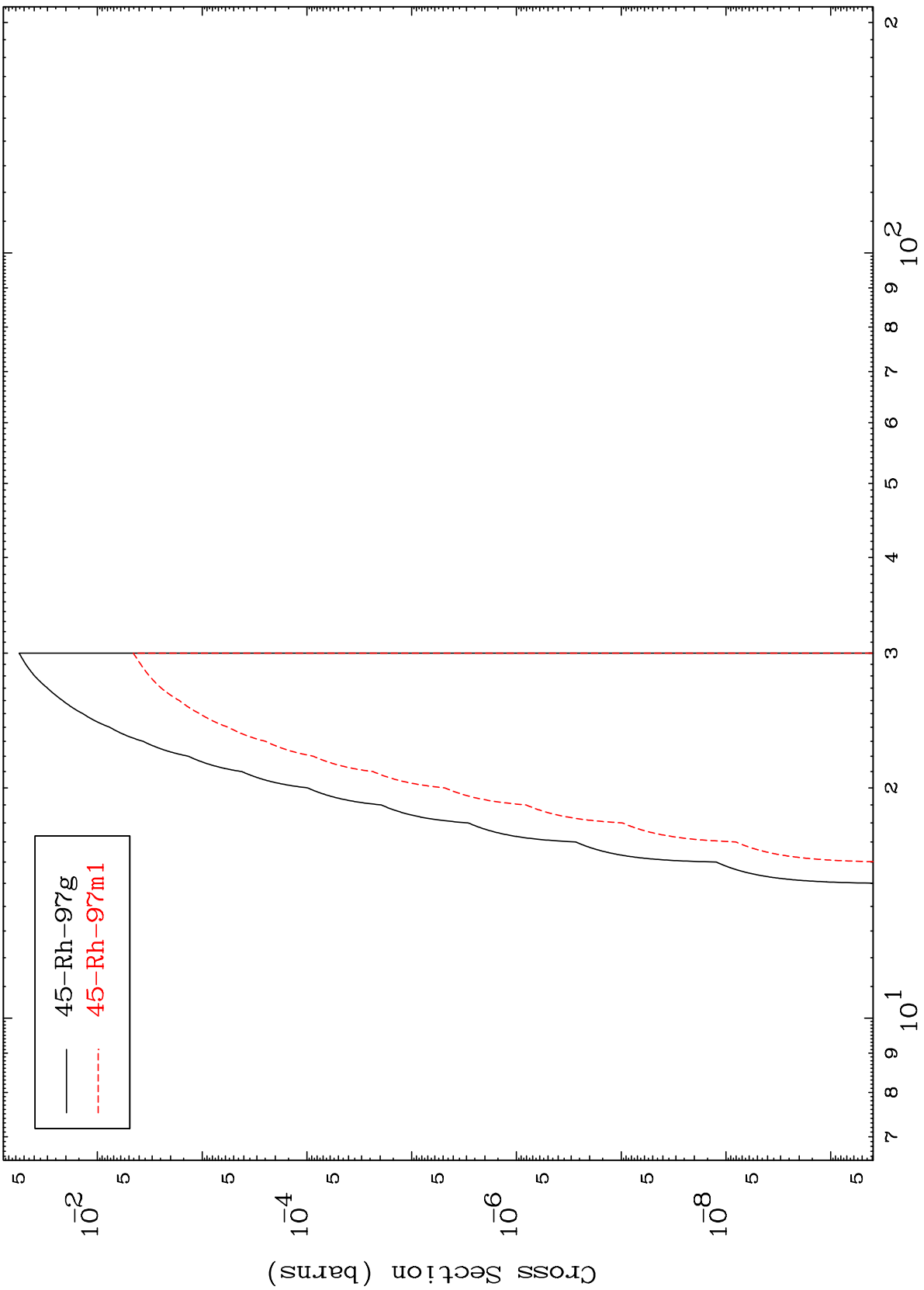
48-Cd-102

MAT 4813

(n,n') p α

48-Cd-102

Radionuclide Production Cross Section



134

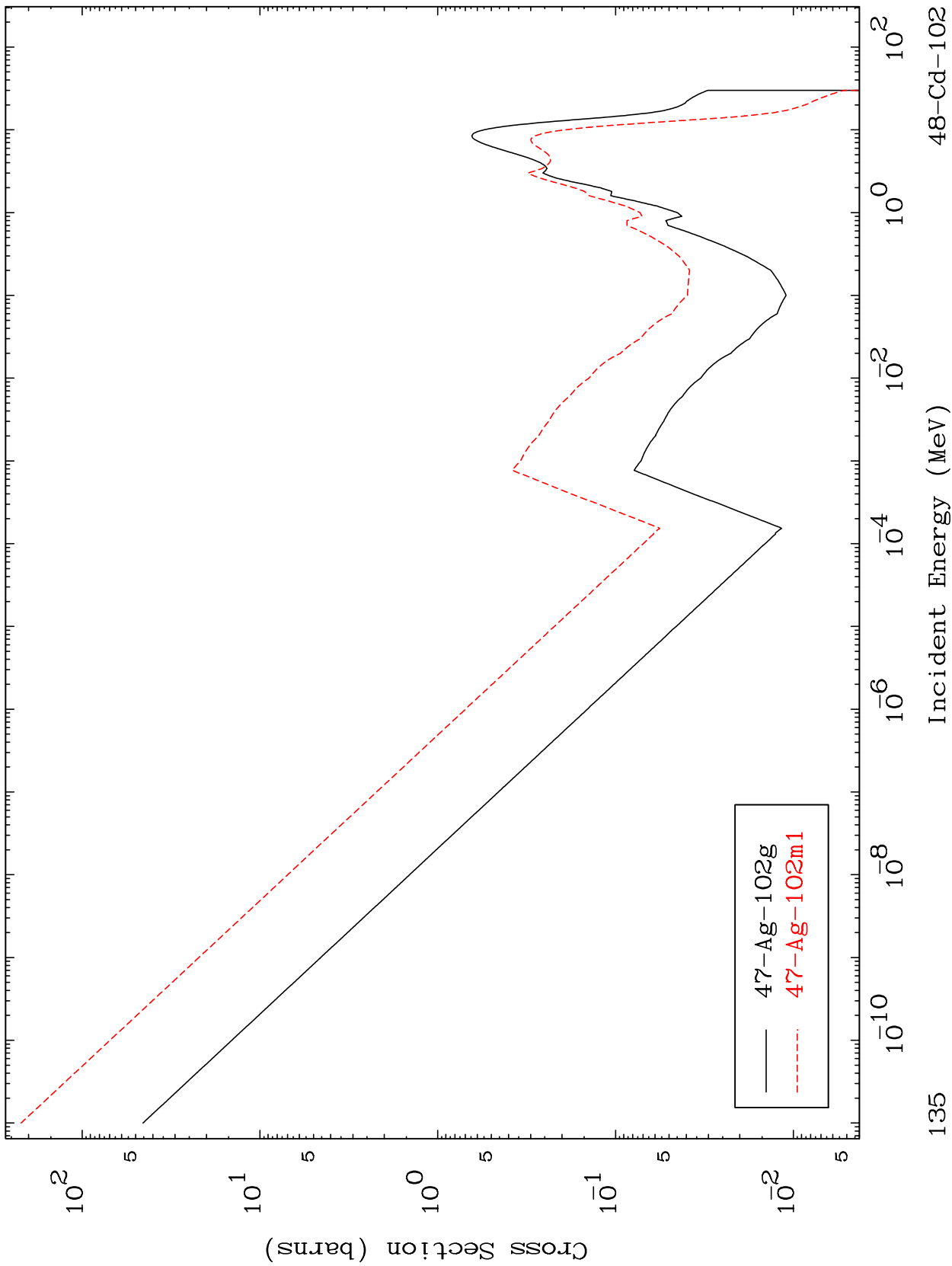
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,p)
Radionuclide Production Cross Section



135

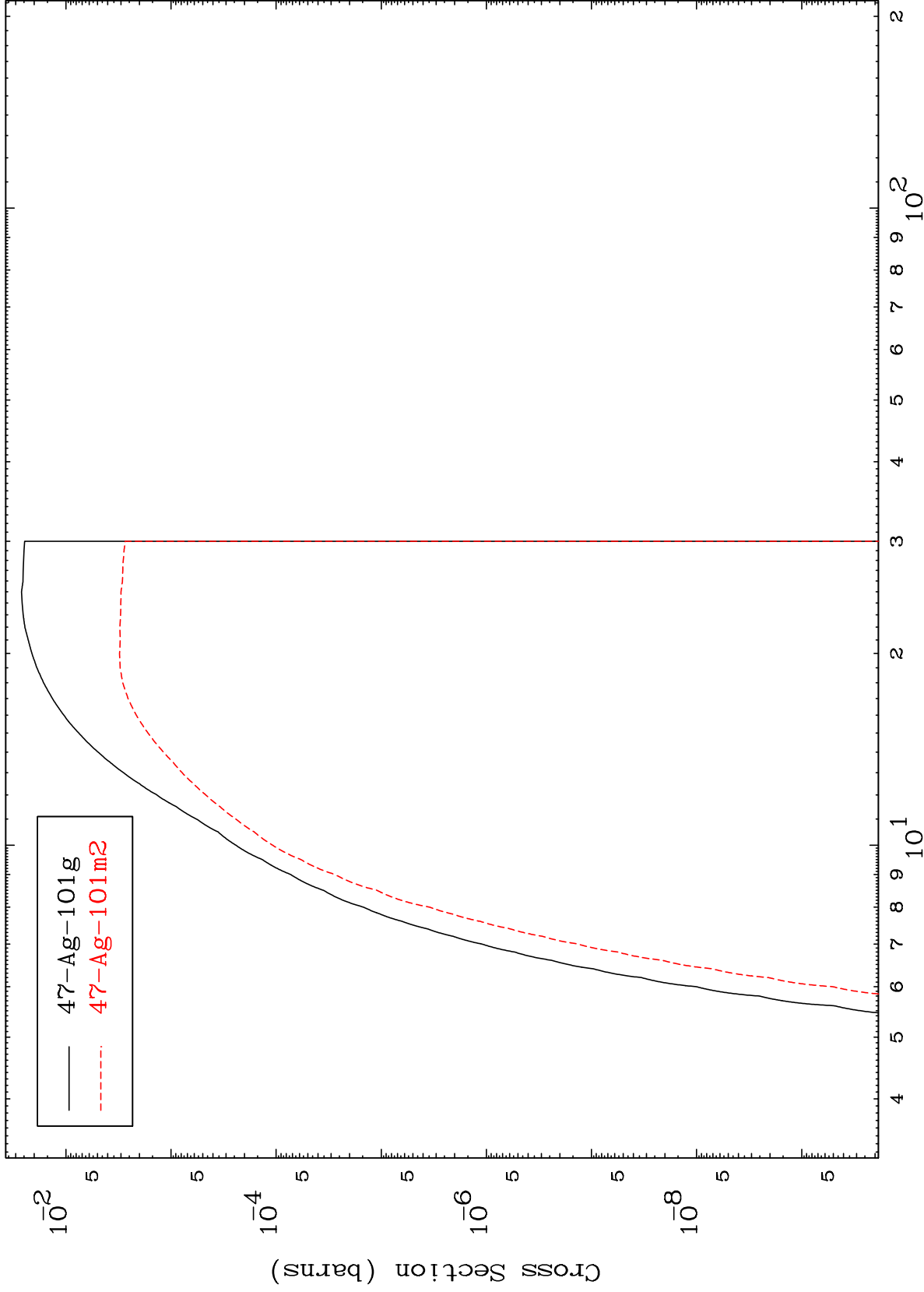
48-Cd-102

Incident Energy (MeV)

MAT 4813

48-Cd-102

(n,d)
Radionuclide Production Cross Section



136

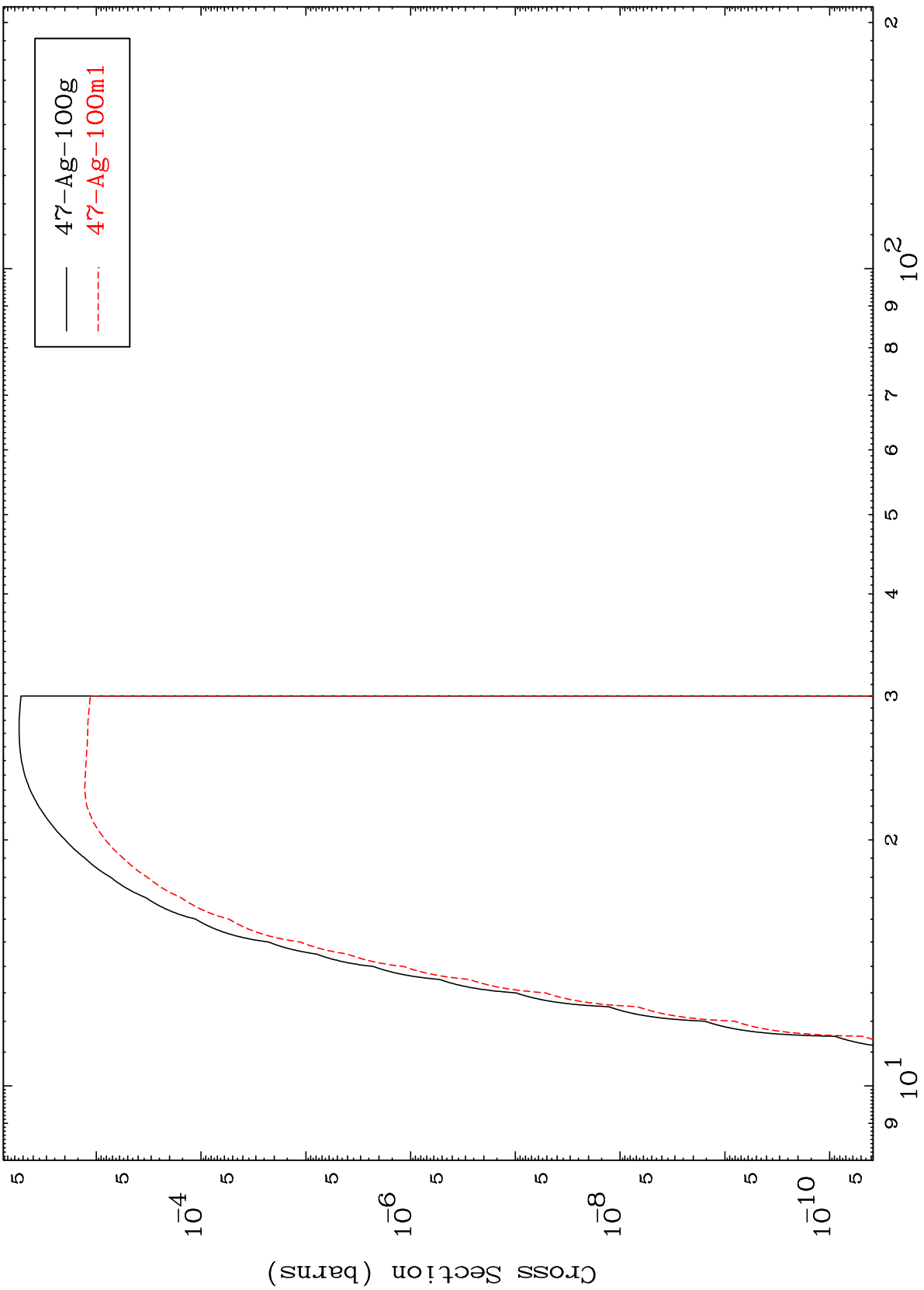
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

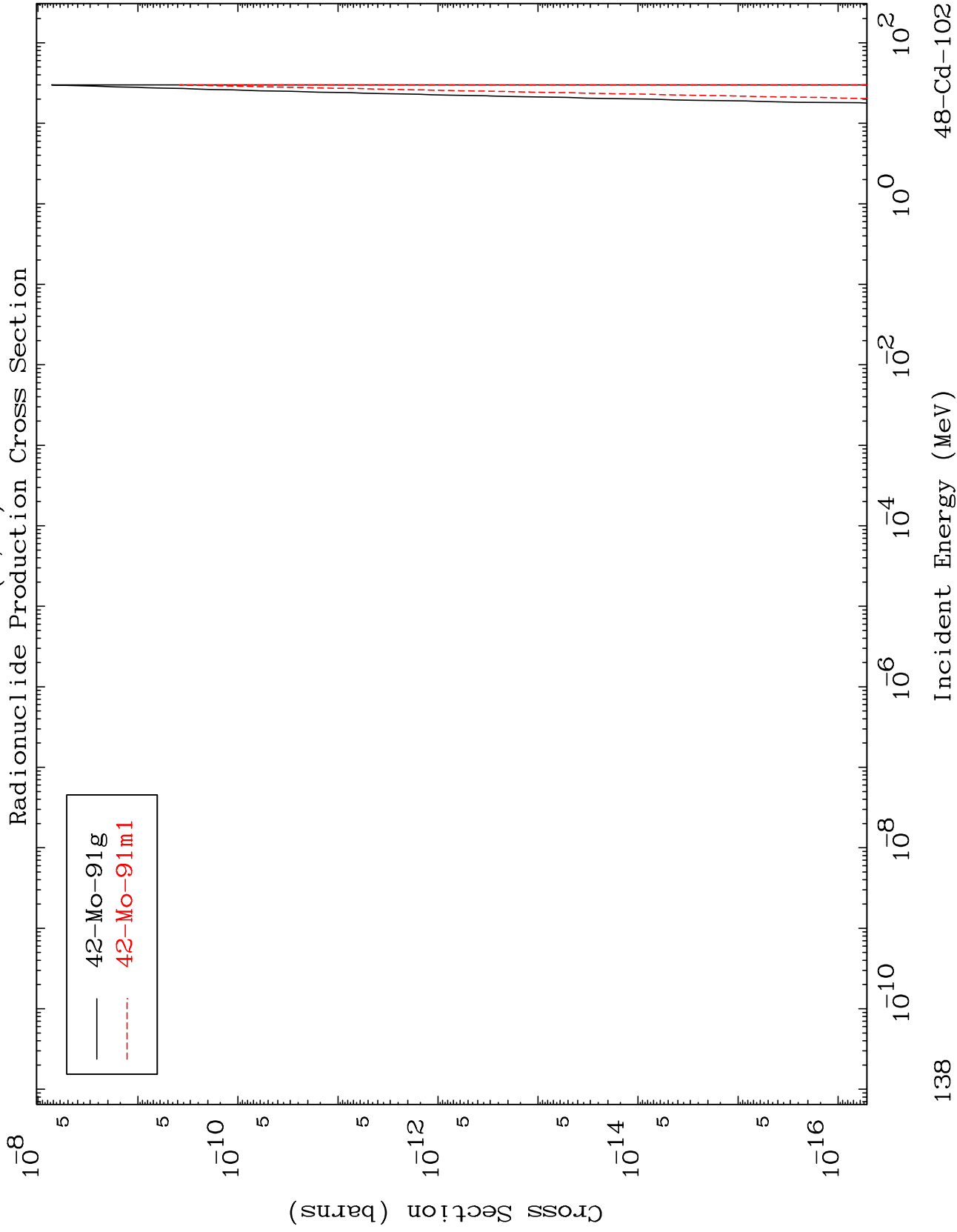
48-Cd-102

MAT 4813

(n,3 α)

48-Cd-102

Radionuclide Production Cross Section



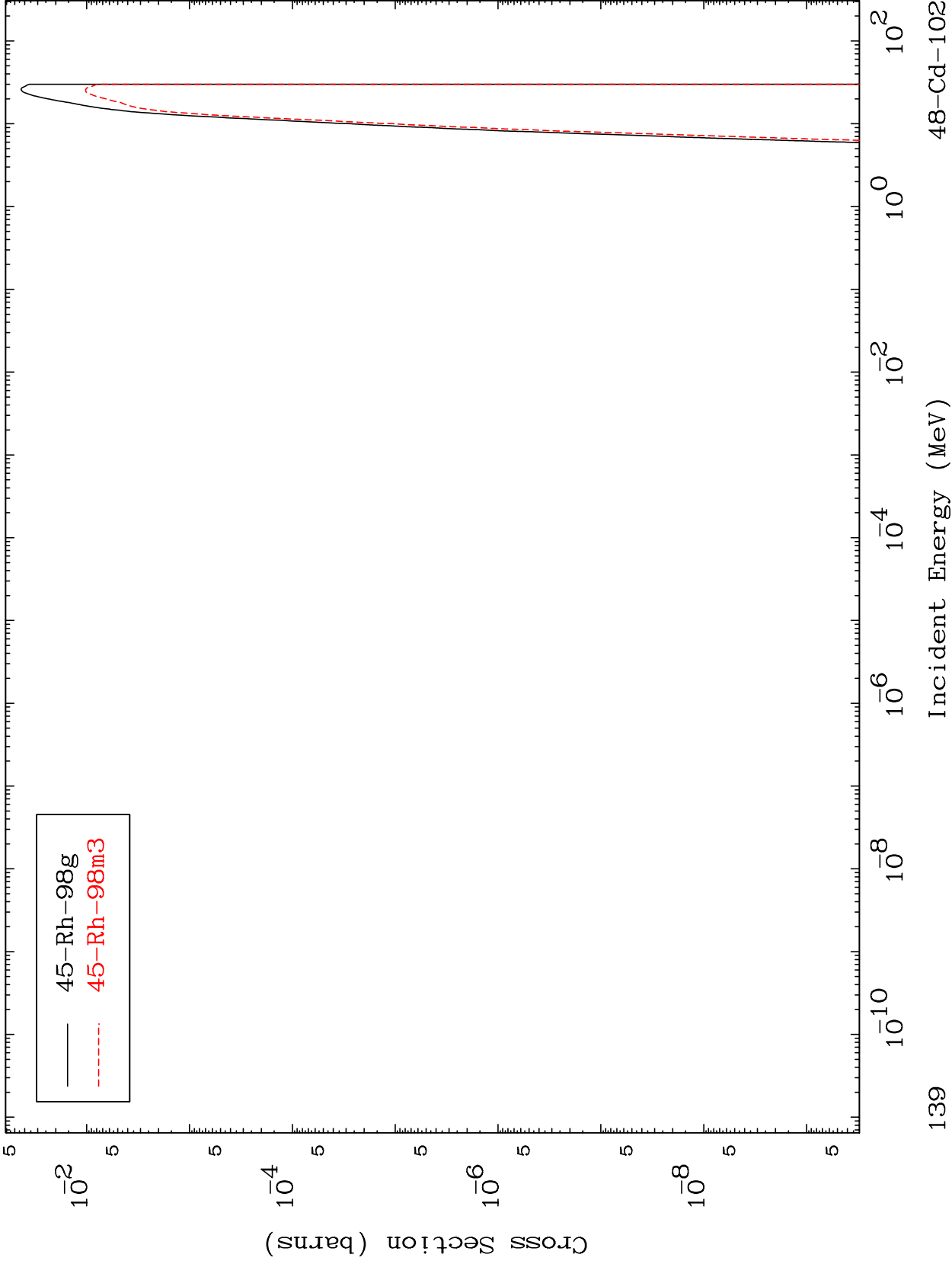
138

MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section

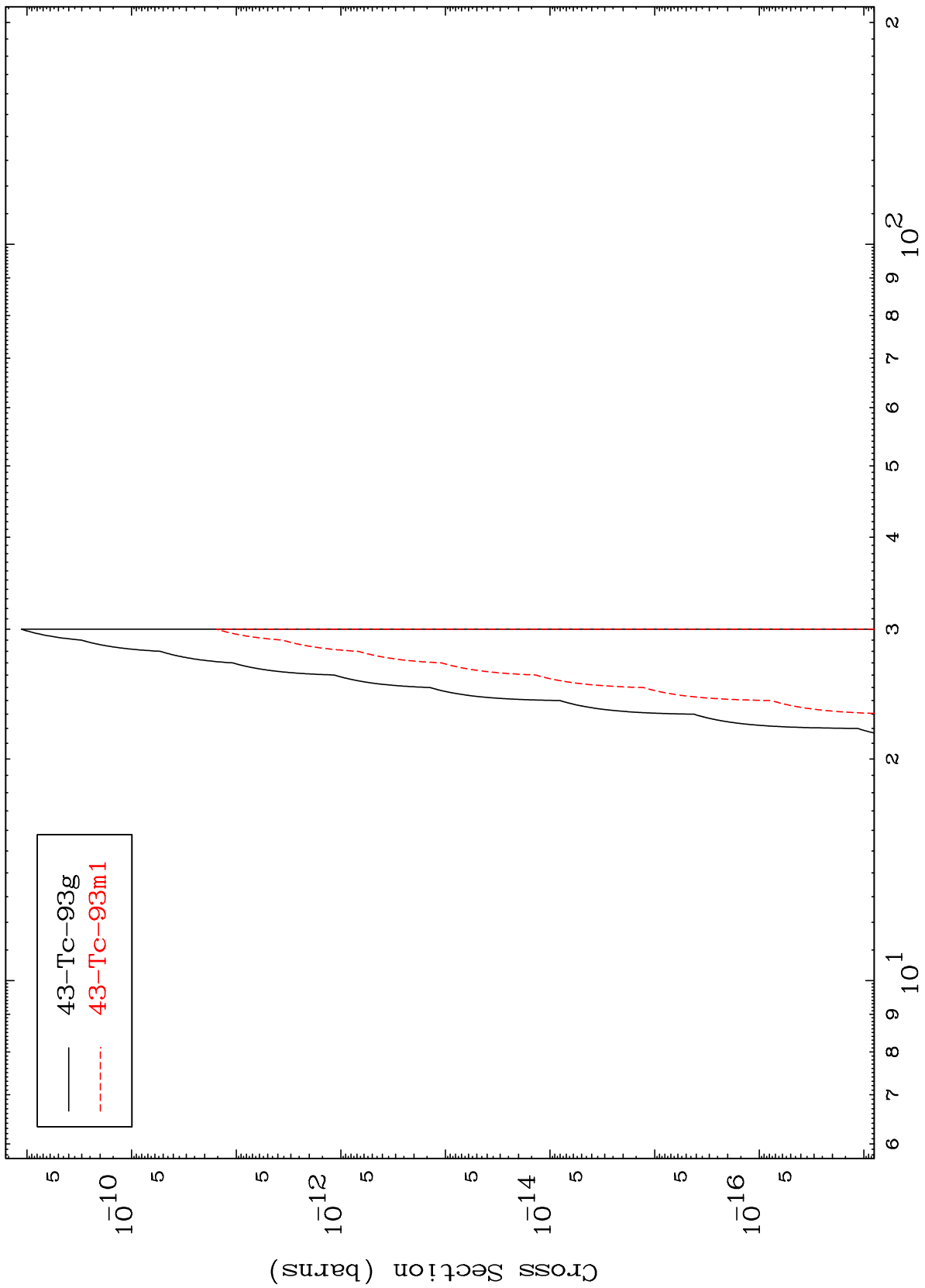


MAT 4813

(n,d) 2 α

48-Cd-102

Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

140

Incident Energy (MeV)

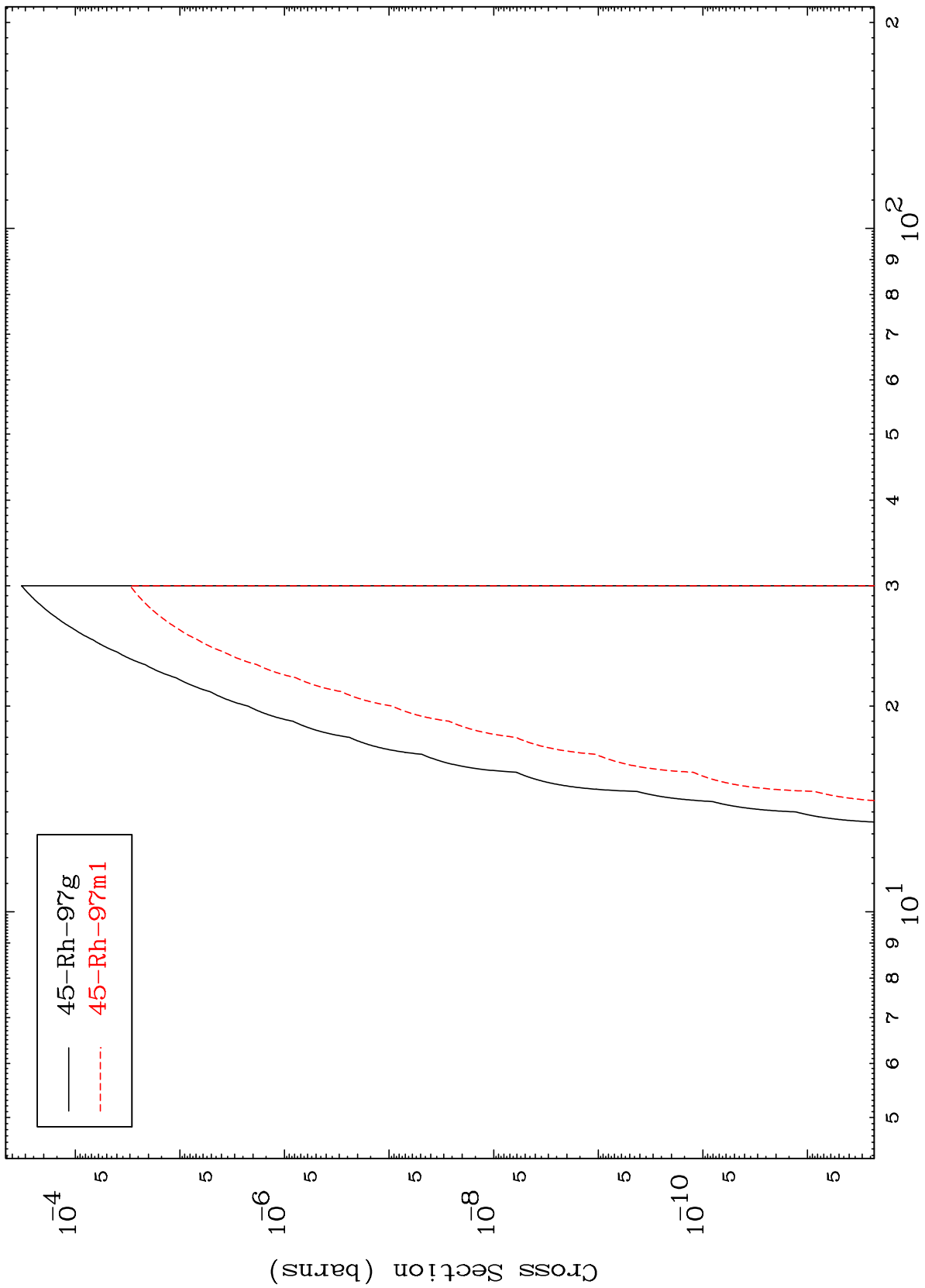
48-Cd-102

MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



141

Incident Energy (MeV)

48-Cd-102