

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

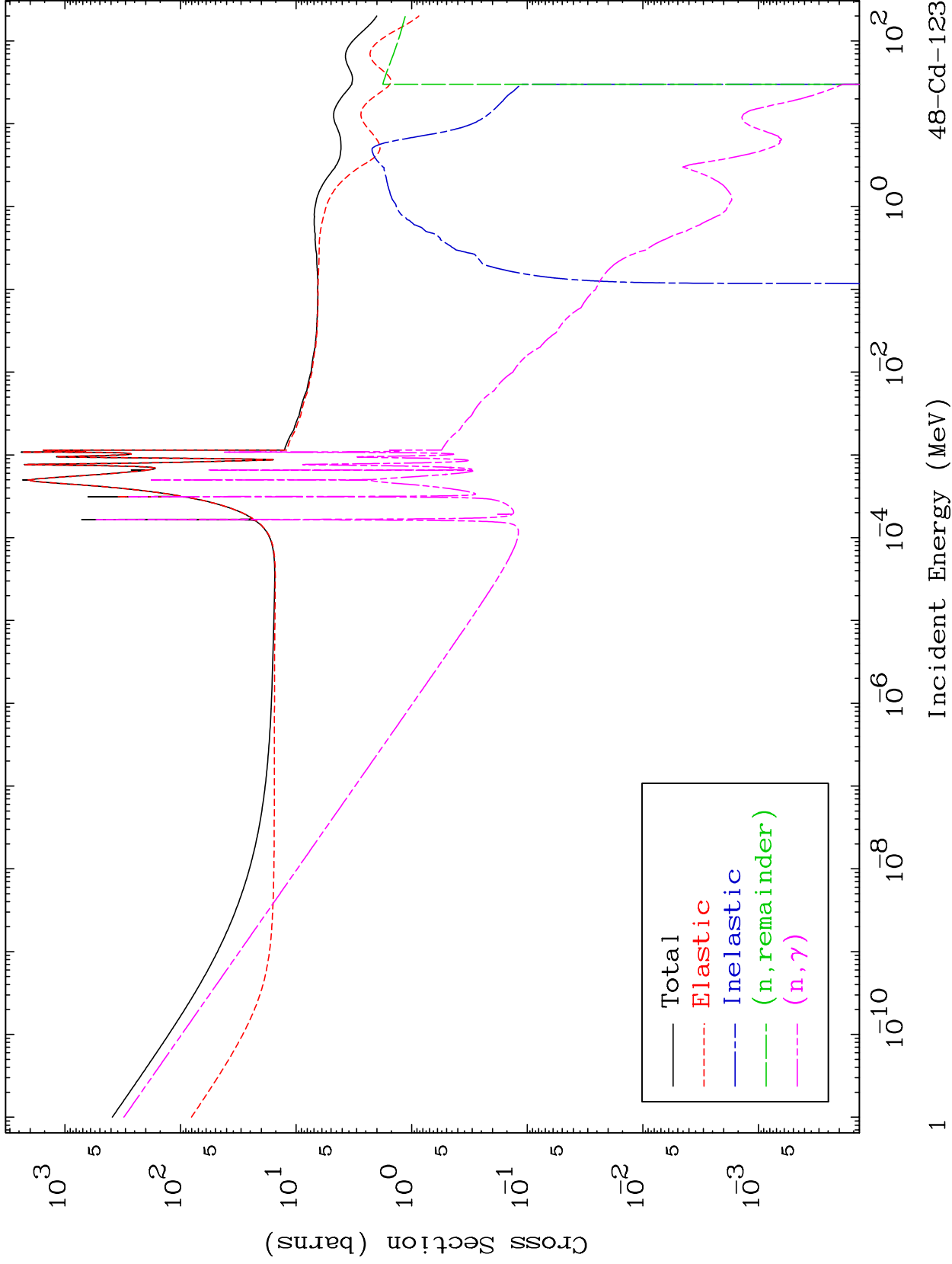
Press Mouse Button to Start

MAT 4876

Major

293 Kelvin Cross Sections

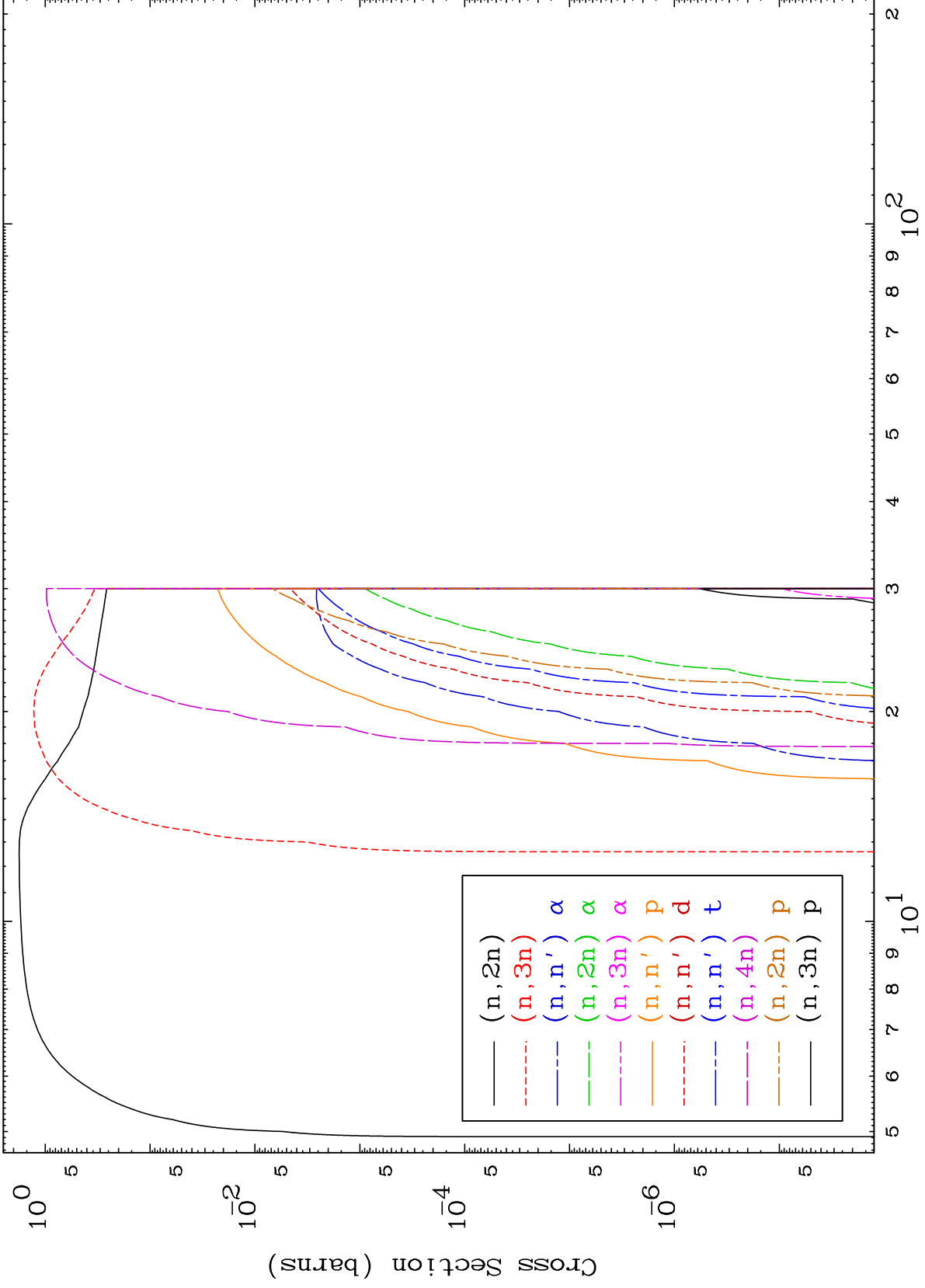
48-Cd-123

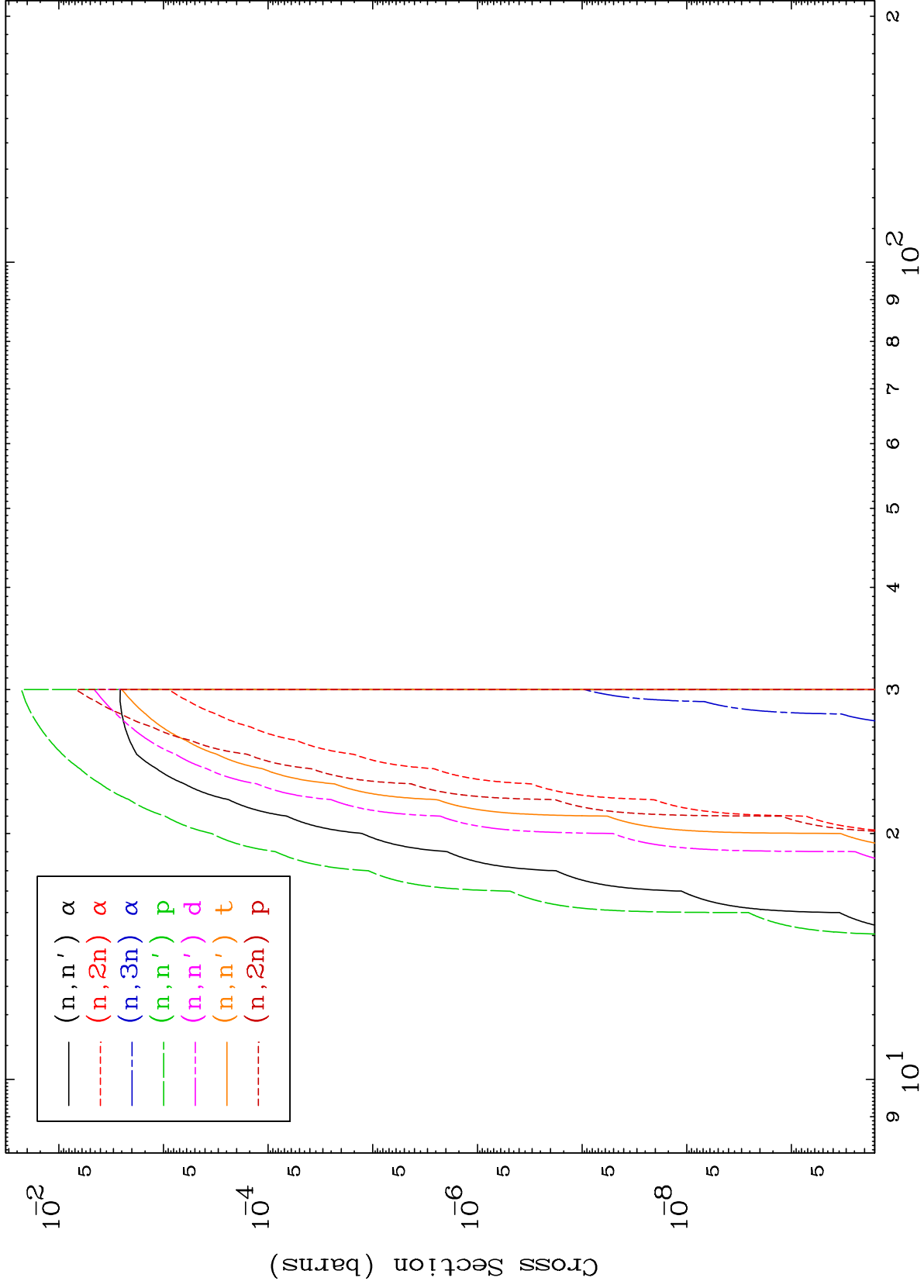


MAT 4876

Neutron Production
293 Kelvin Cross Sections

48-Cd-123

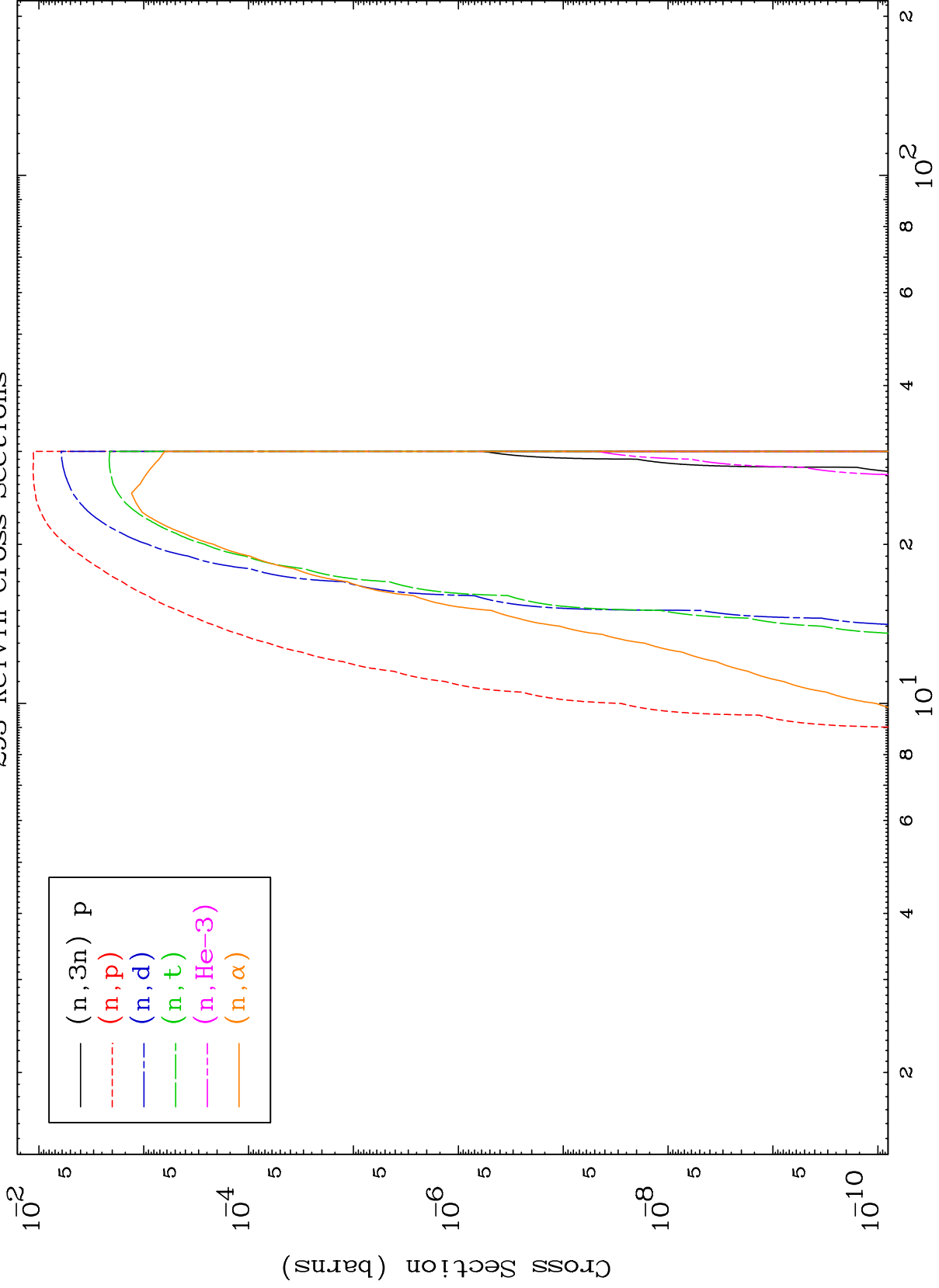




MAT 4876

Charged Particle
293 Kelvin Cross Sections

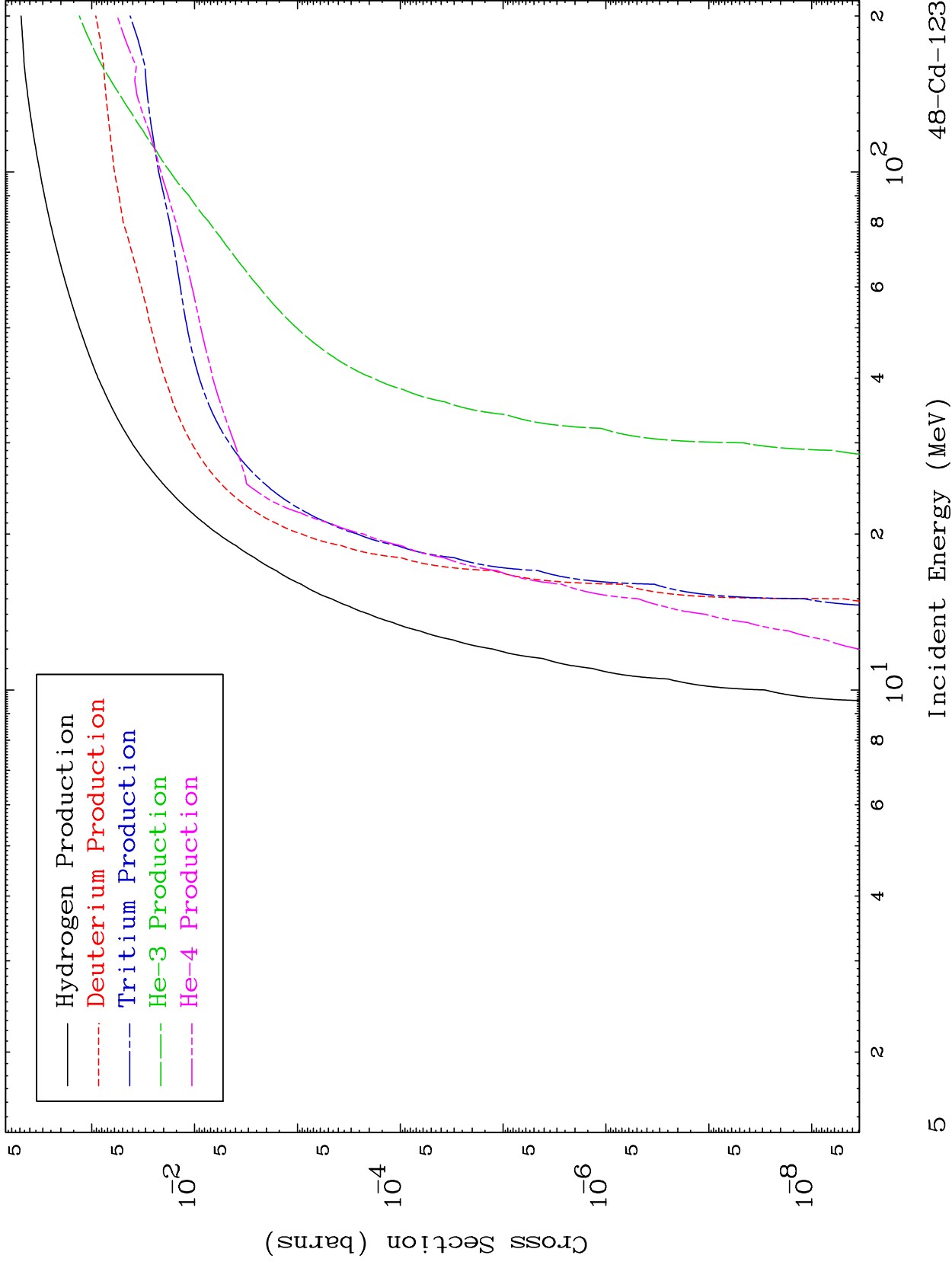
48-Cd-123



MAT 4876

Particle Production
293 Kelvin Cross Sections

48-Cd-123



5

Incident Energy (MeV)

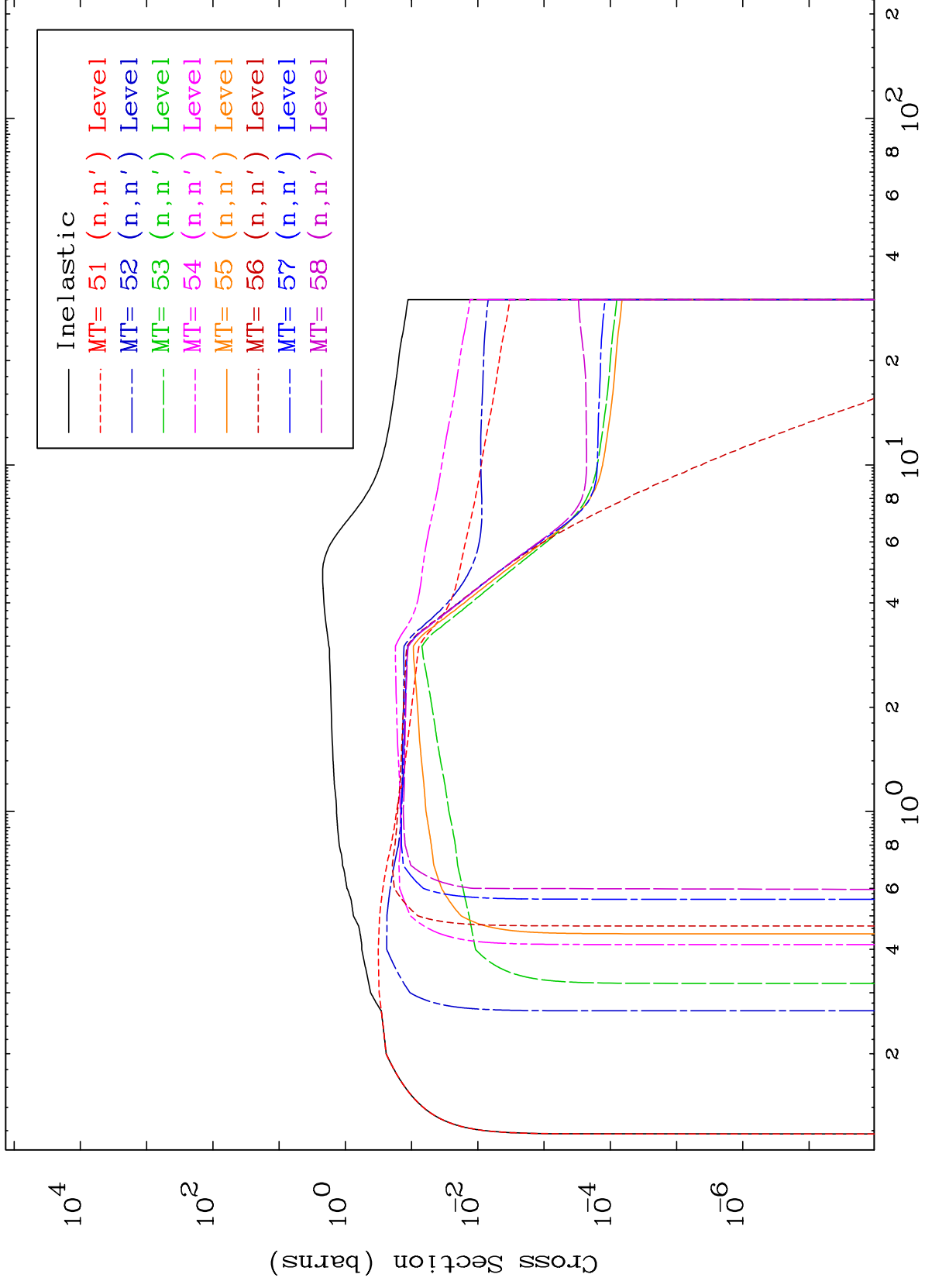
48-Cd-123

MAT 4876

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



6

Incident Energy (MeV)

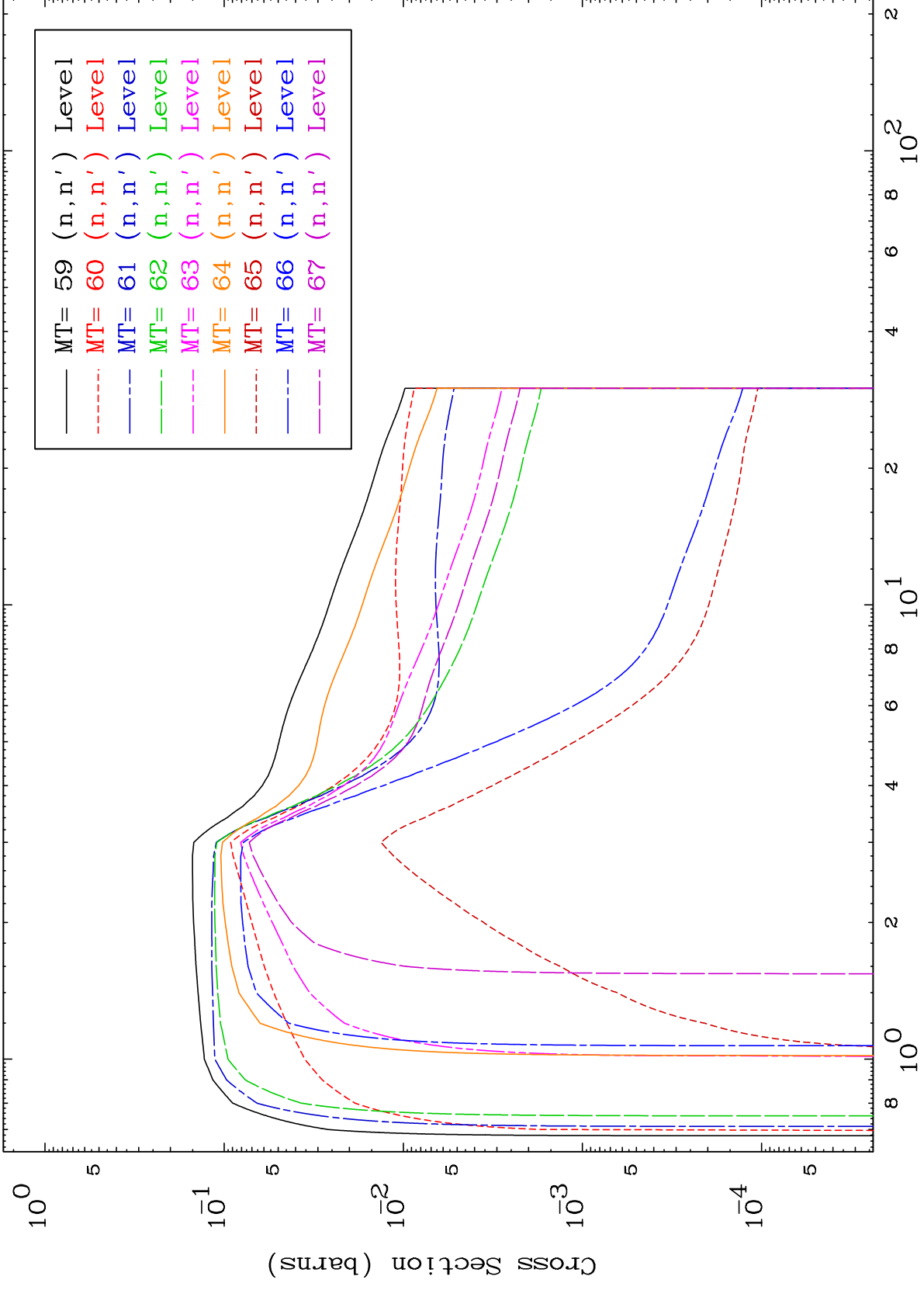
48-Cd-123

MAT 4876

(n,n') Level

48-Cd-123

293 Kelvins Cross Sections



7

Incident Energy (MeV)

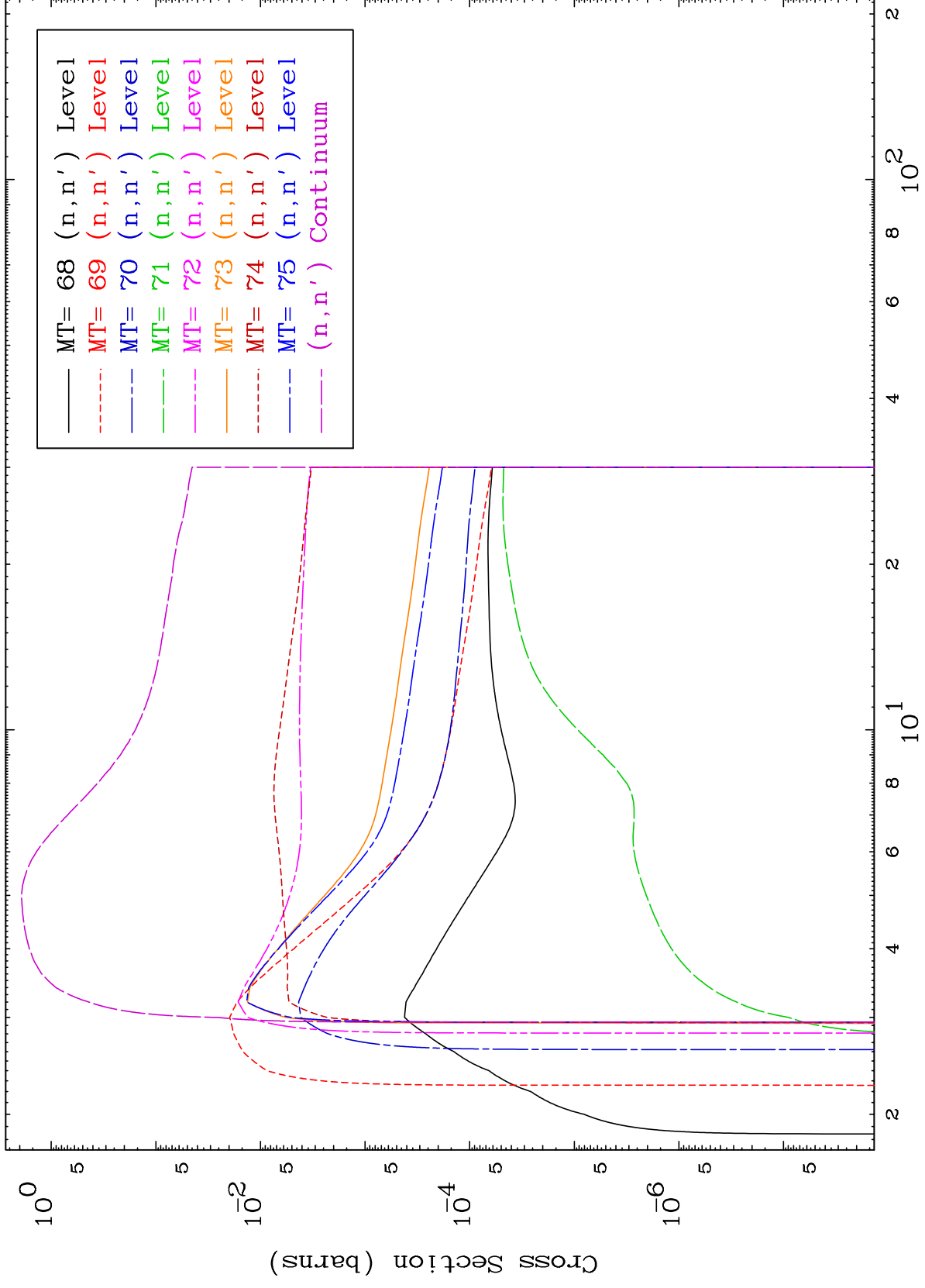
48-Cd-123

MAT 4876

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



8

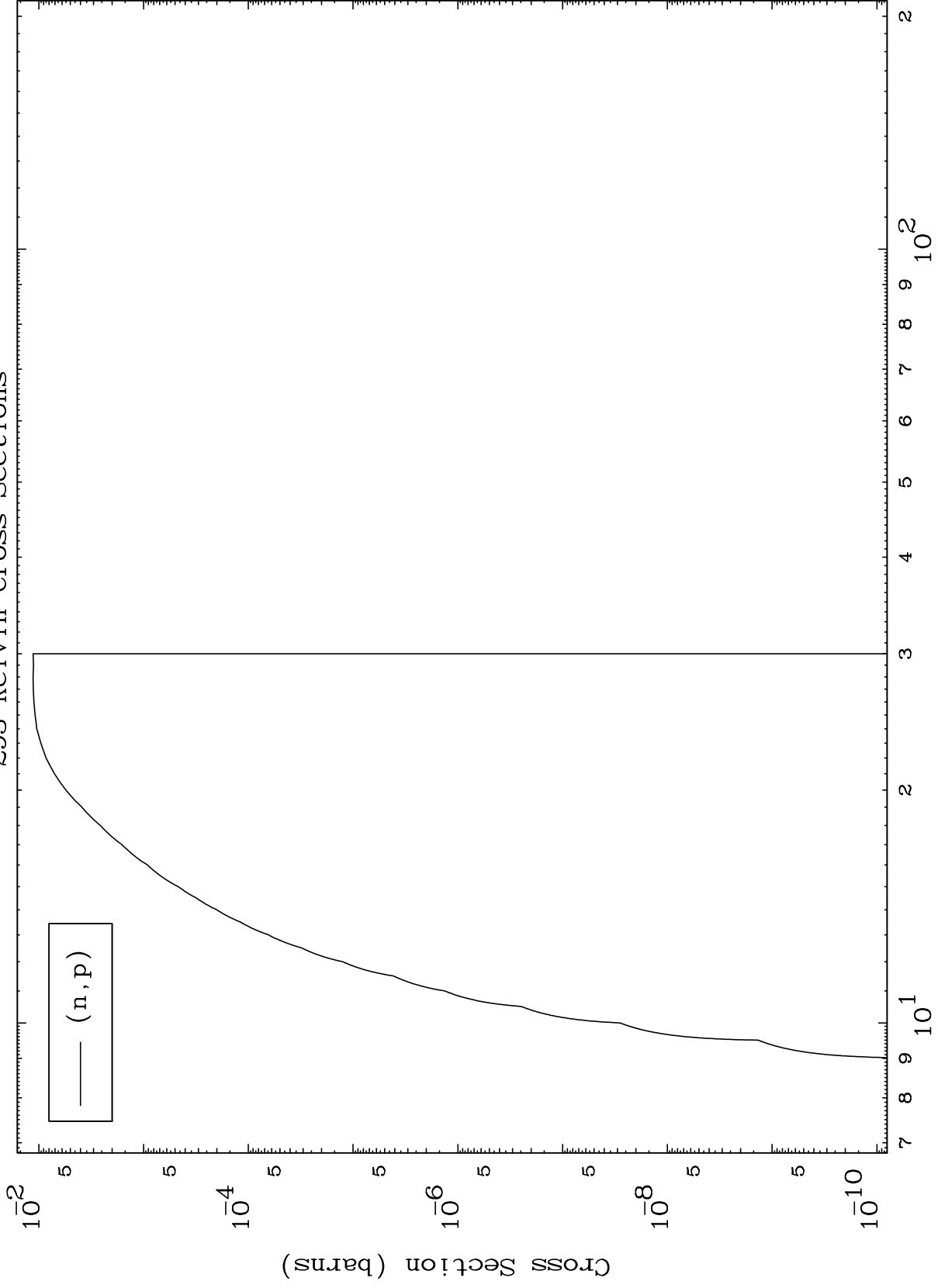
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-123



9

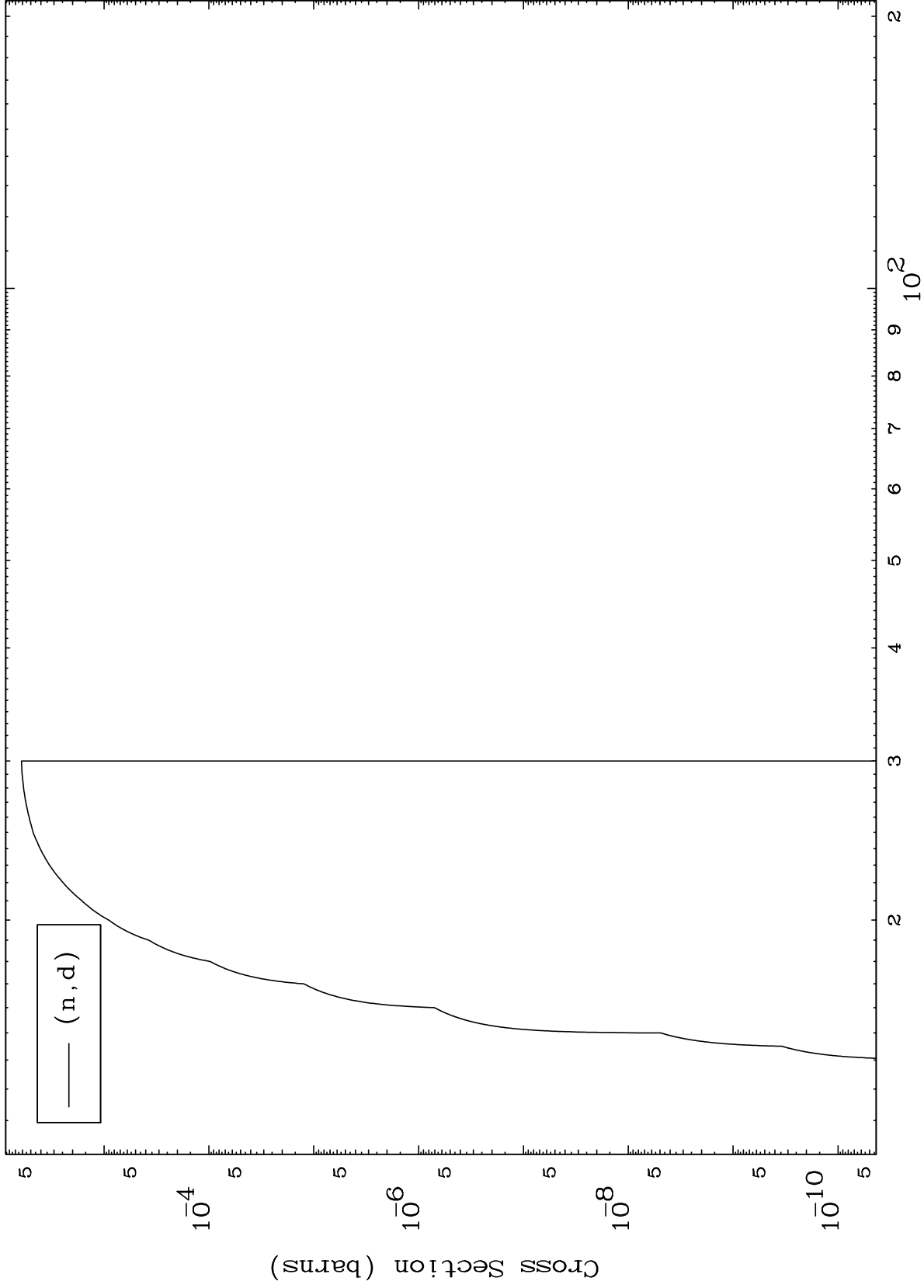
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-123



10

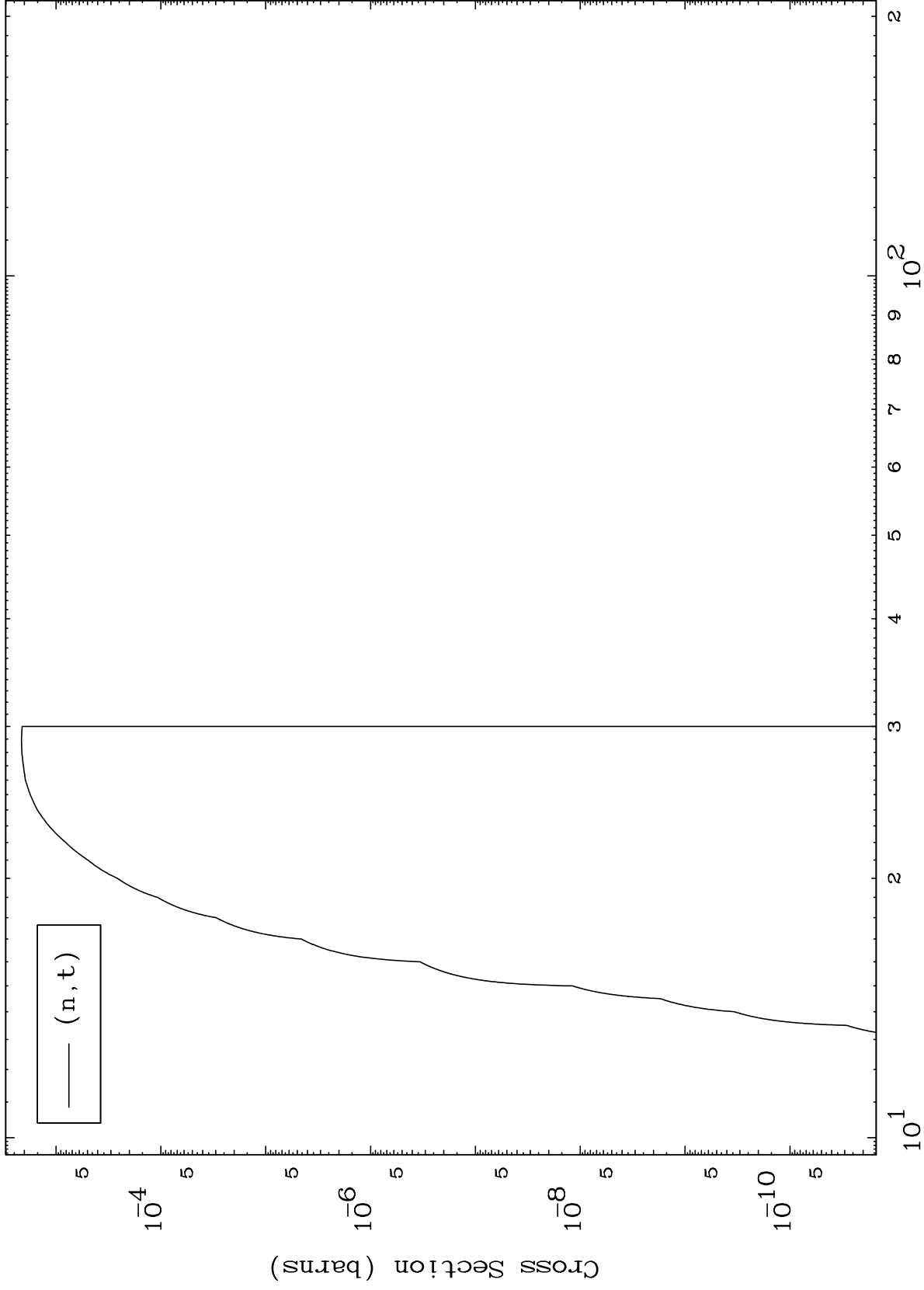
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-123



Incident Energy (MeV)

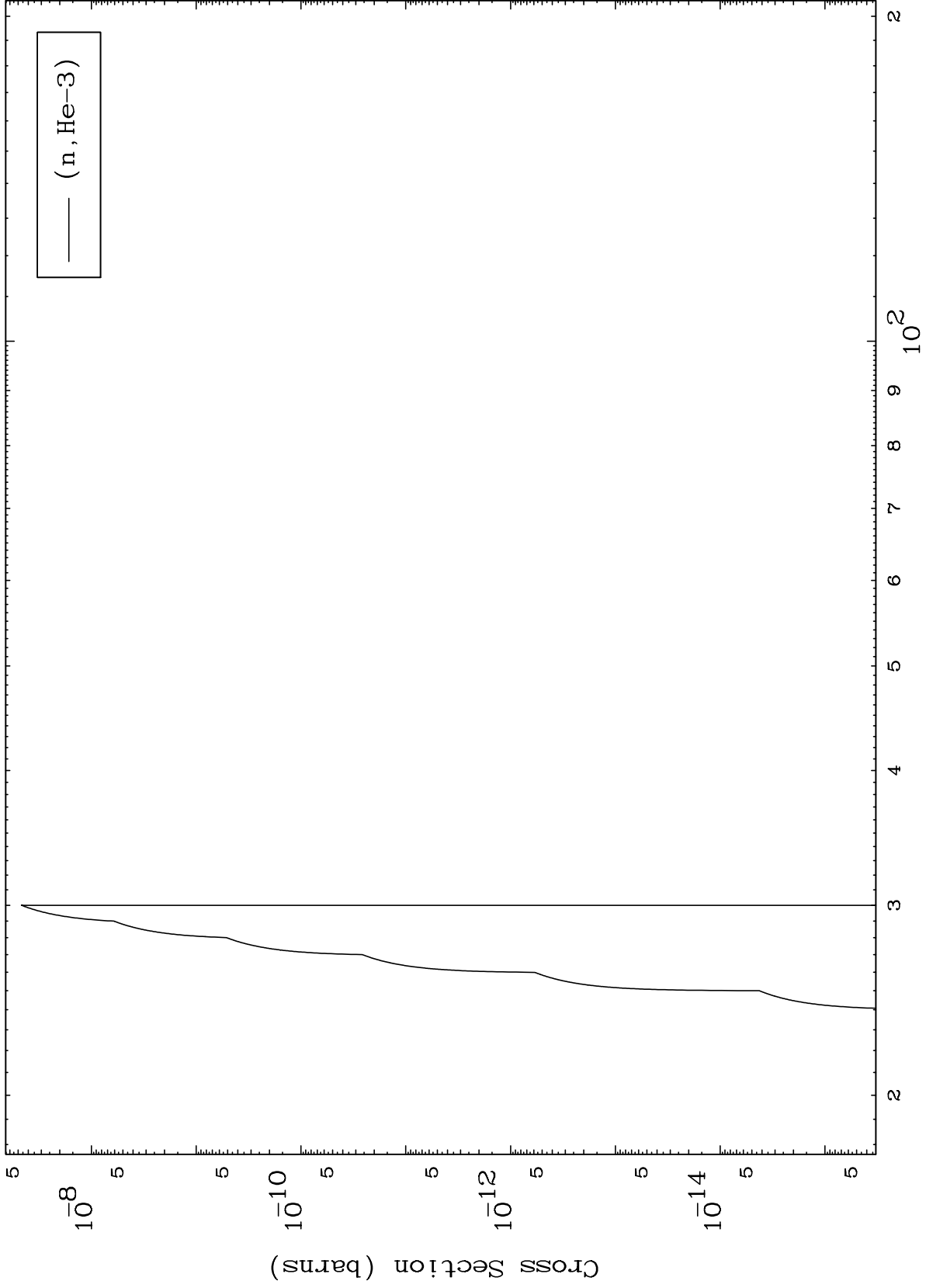
48-Cd-123

11

MAT 4876

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-123



12

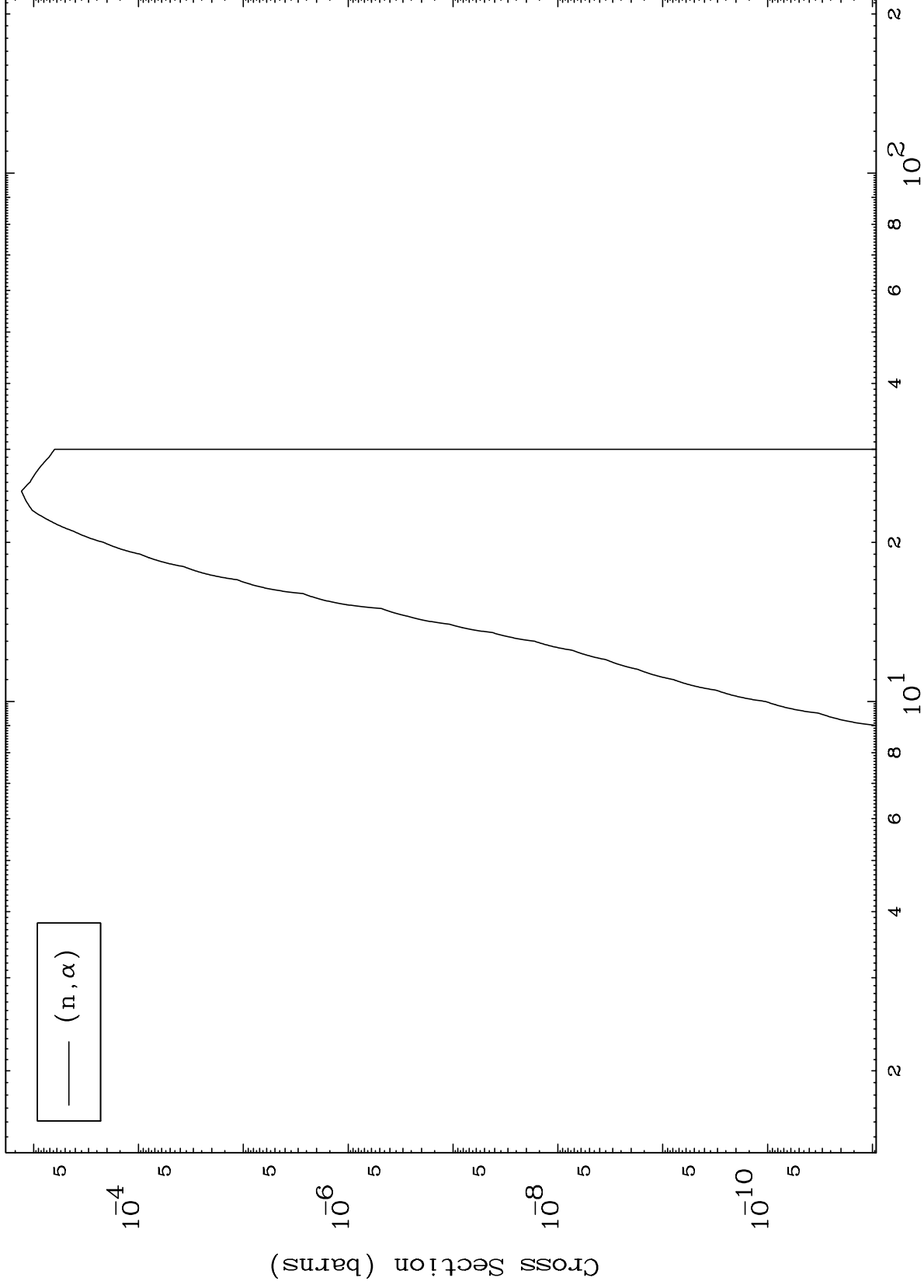
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n, α) Levels
293 Kelvin Cross Sections

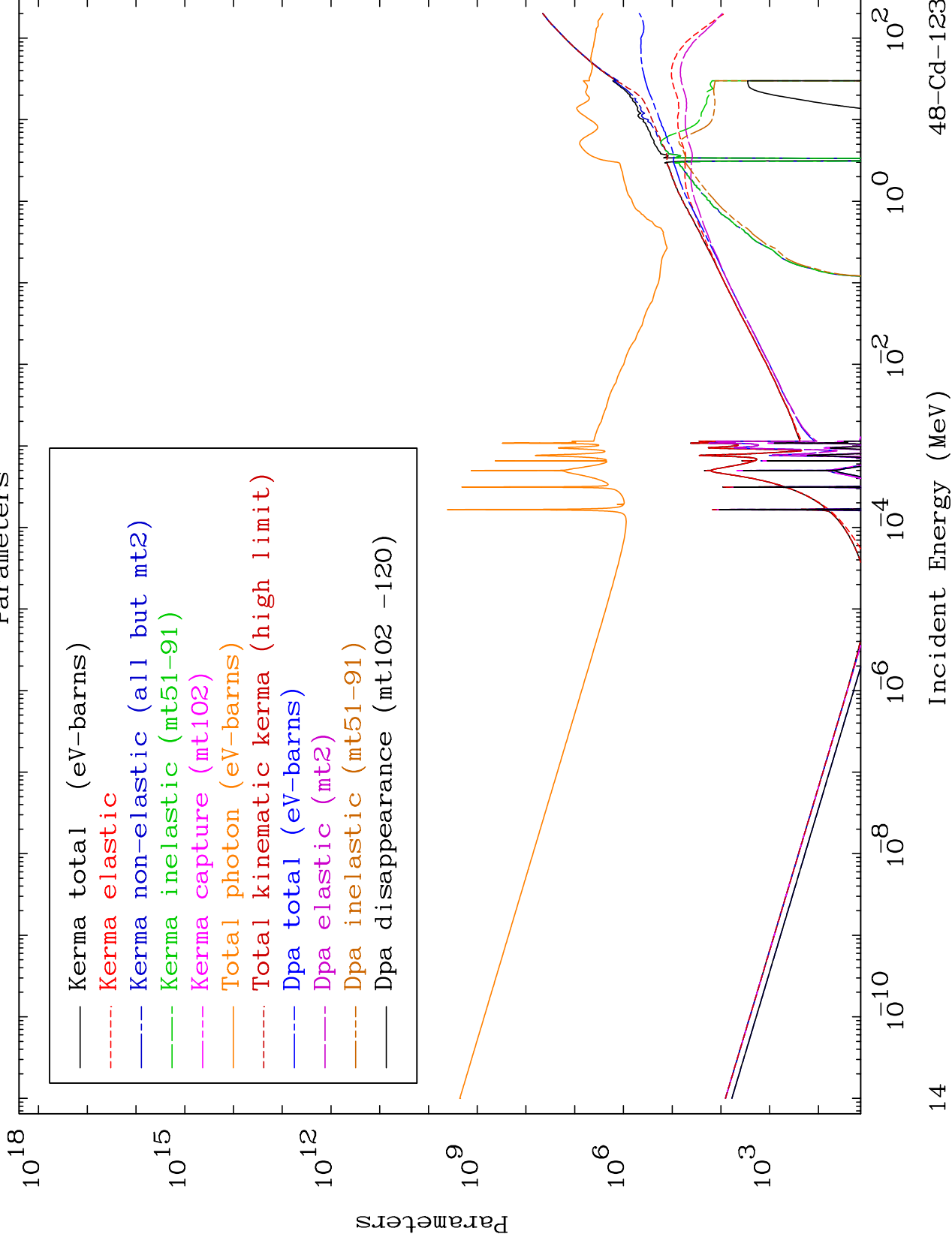
48-Cd-123



13

Incident Energy (MeV)

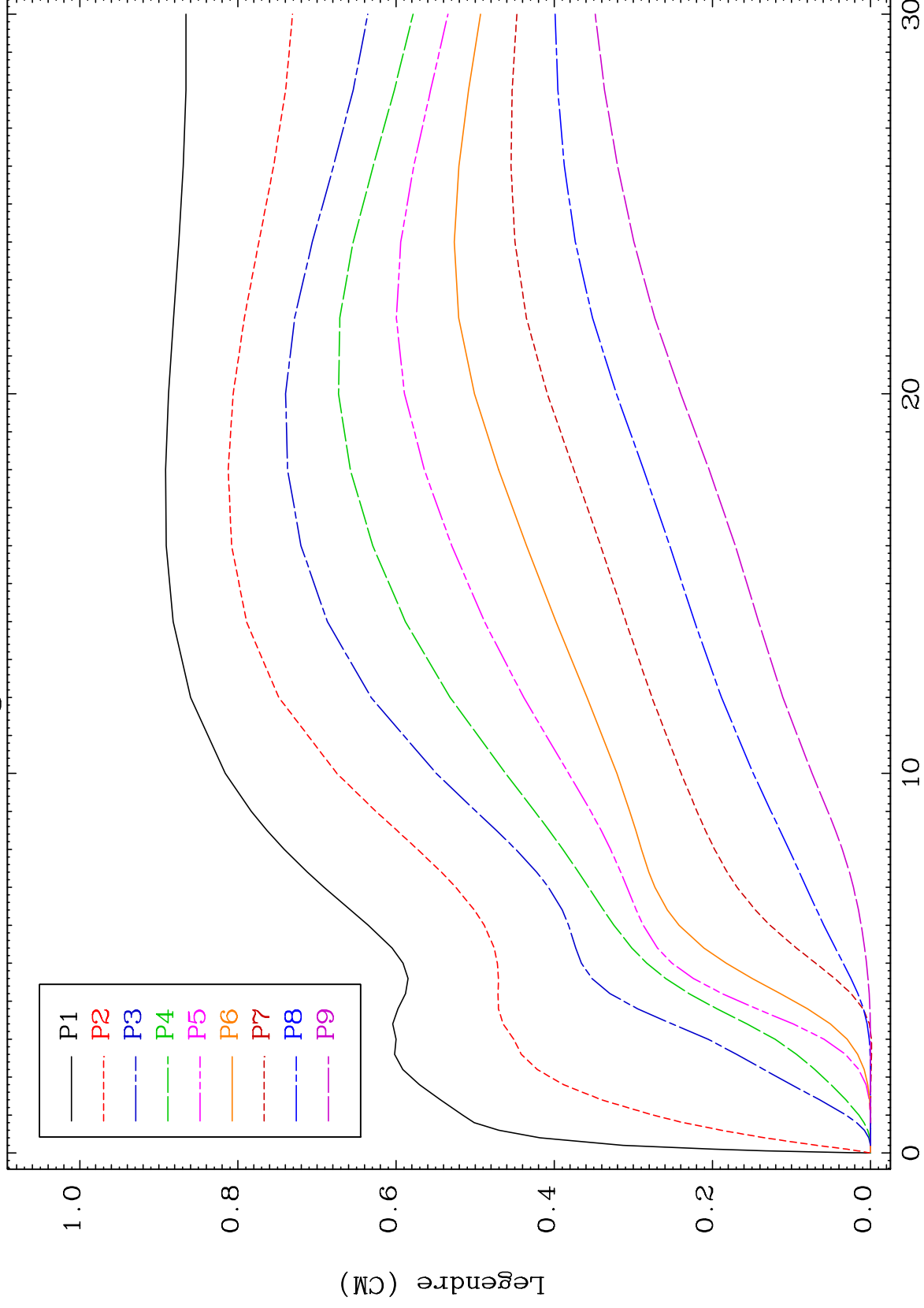
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

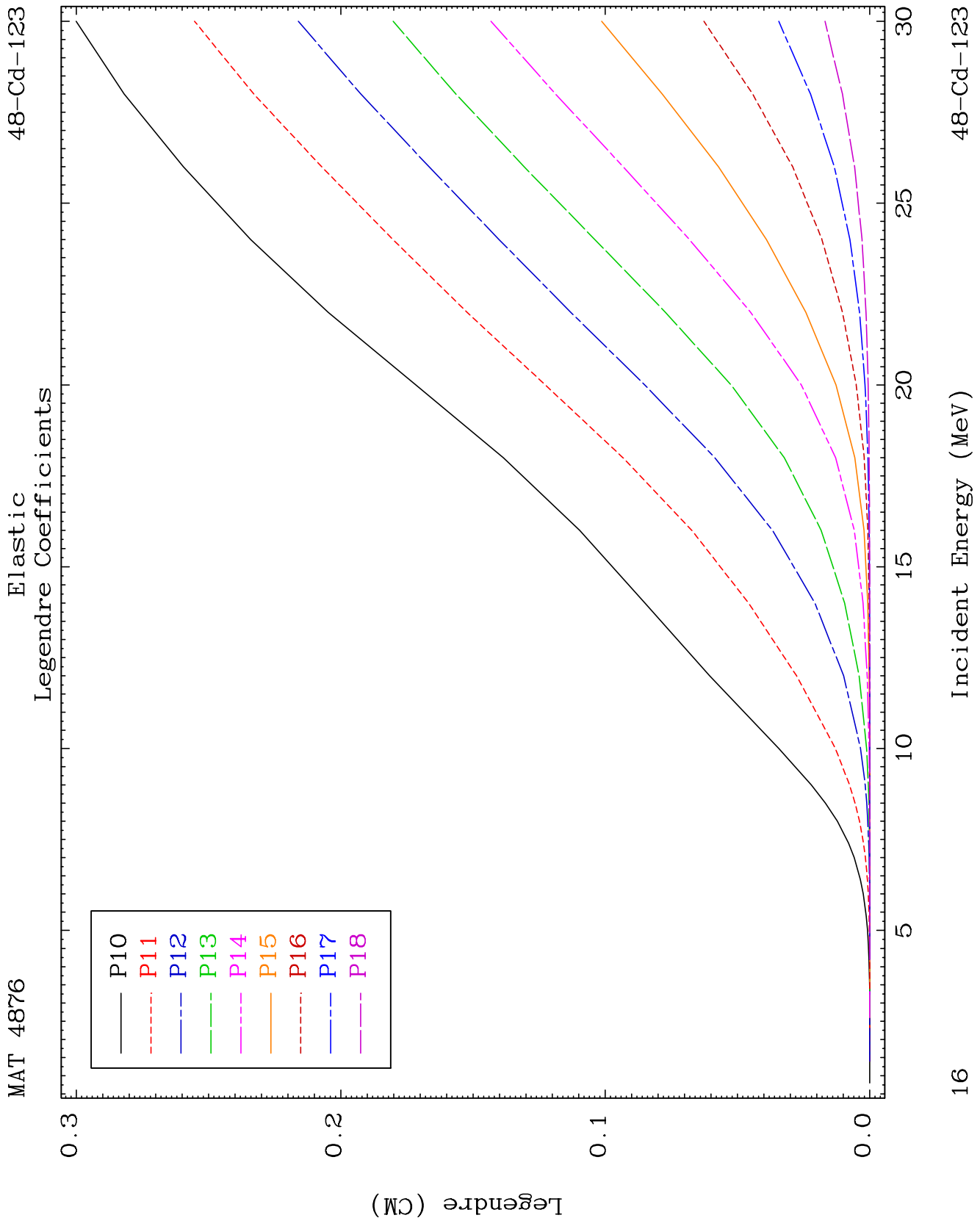
48-Cd-123



15

Incident Energy (MeV)

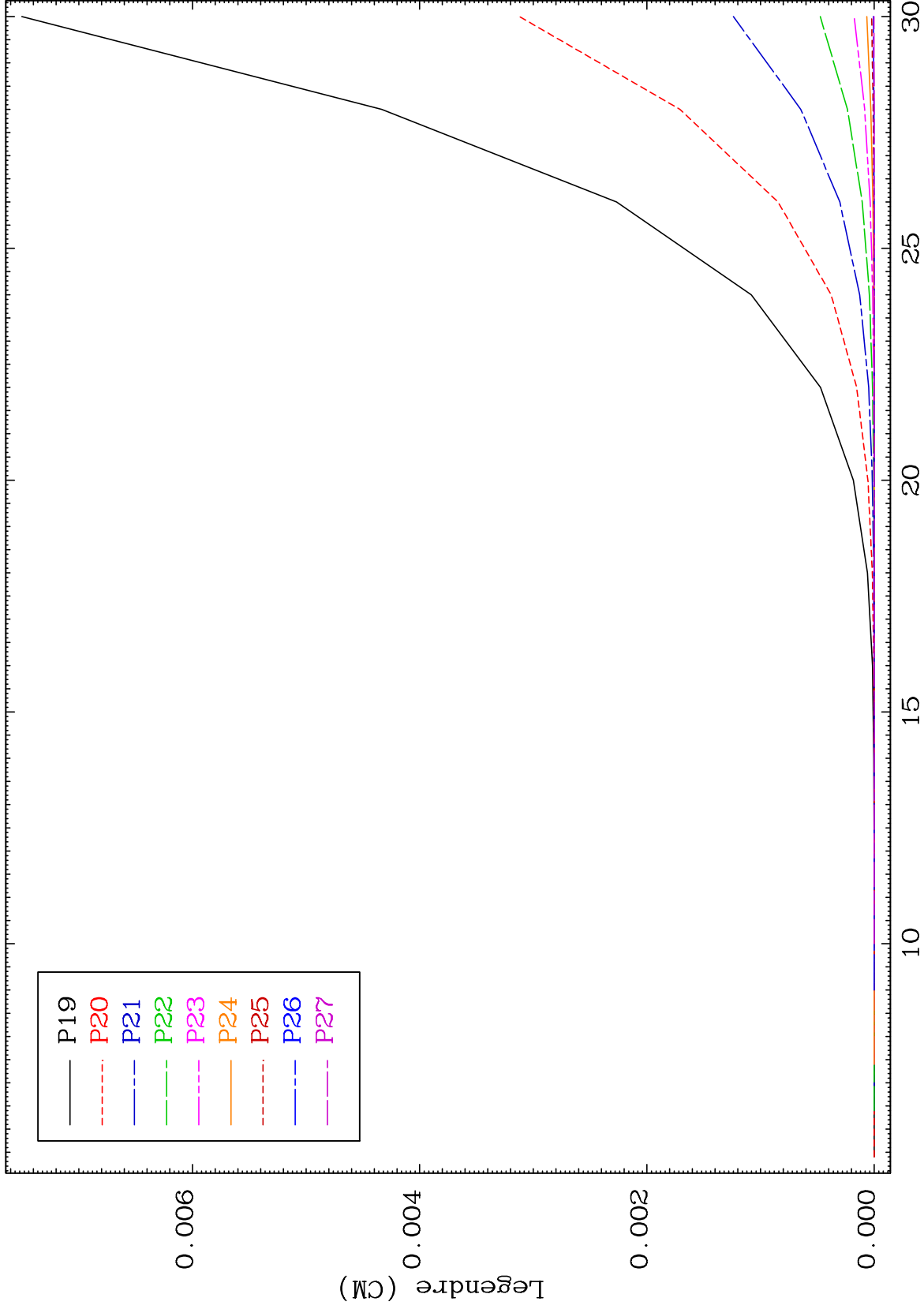
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

48-Cd-123



17

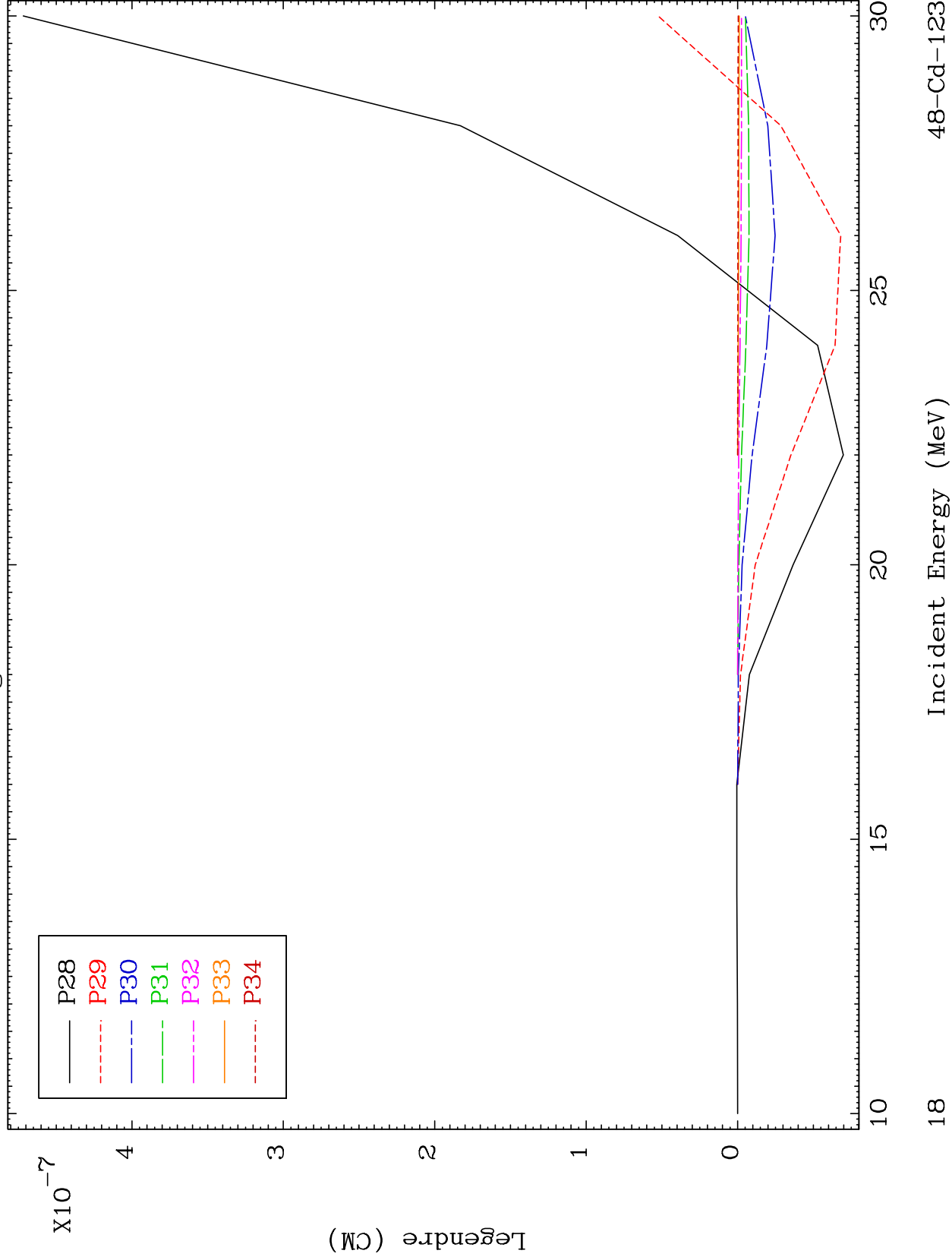
Incident Energy (MeV)

48-Cd-123

MAT 4876

Elastic Legendre Coefficients

48-Cd-123

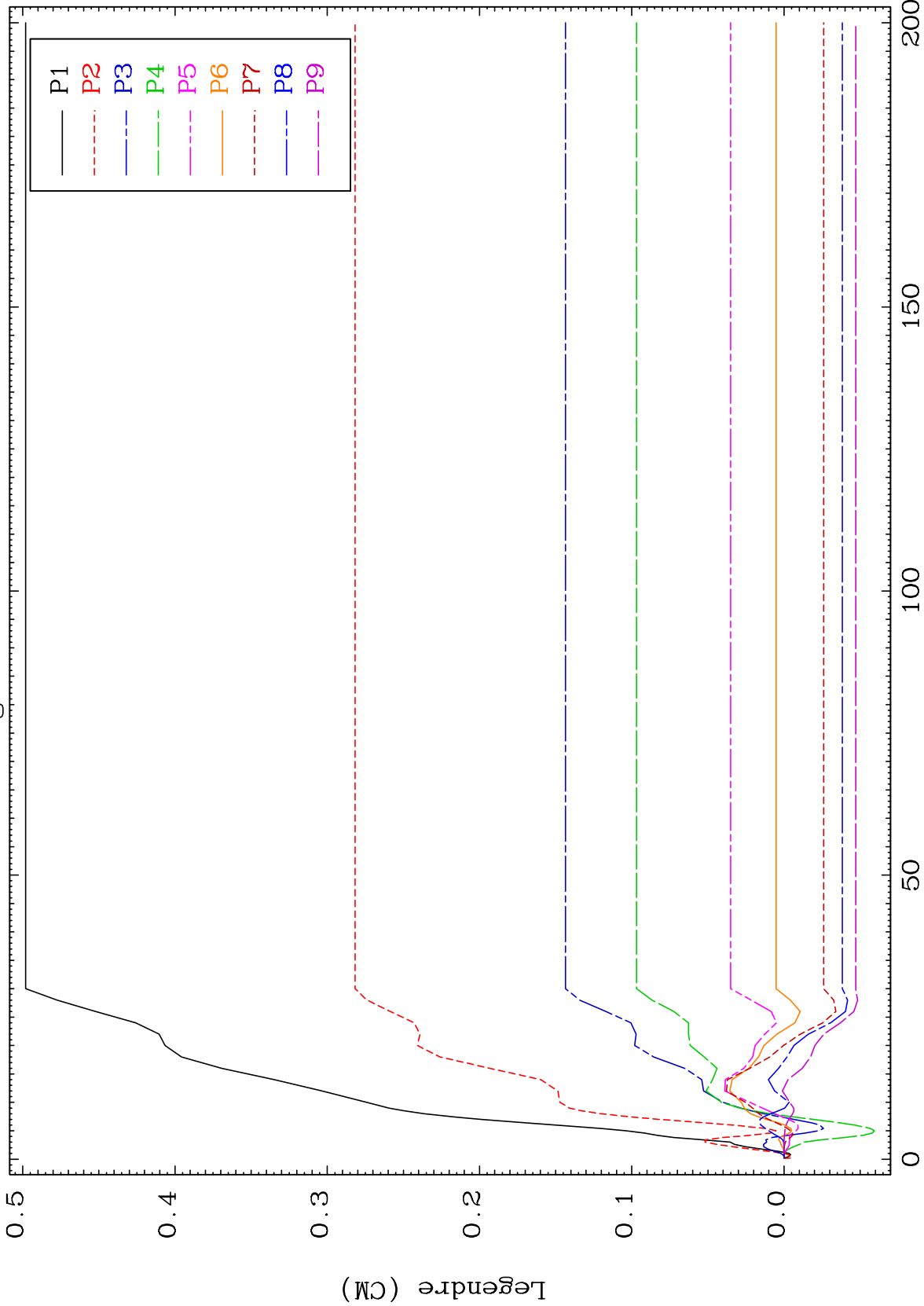


MAT 4876

MT= 51 (n,n') Level

48-Cd-123

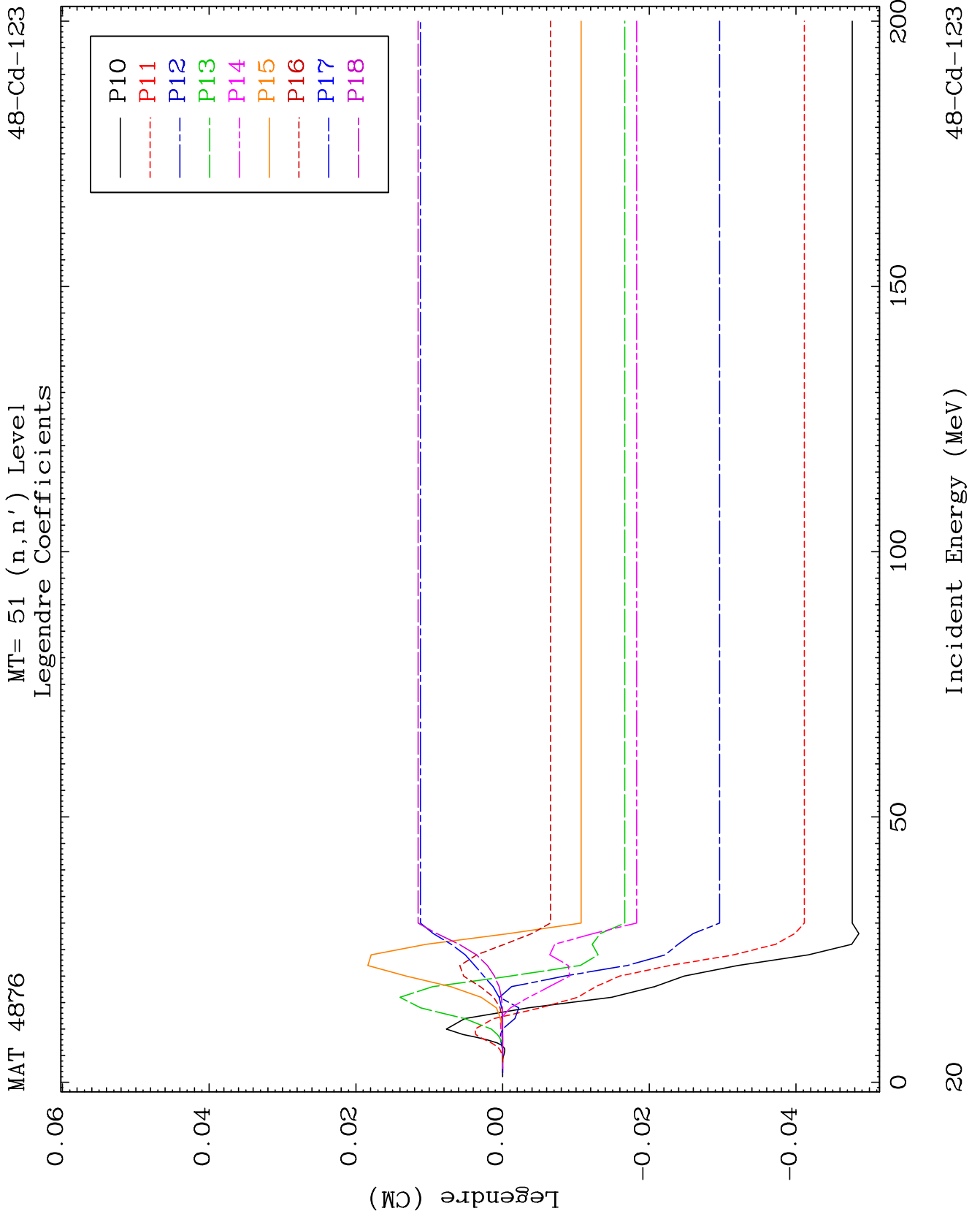
Legendre Coefficients



19

Incident Energy (MeV)

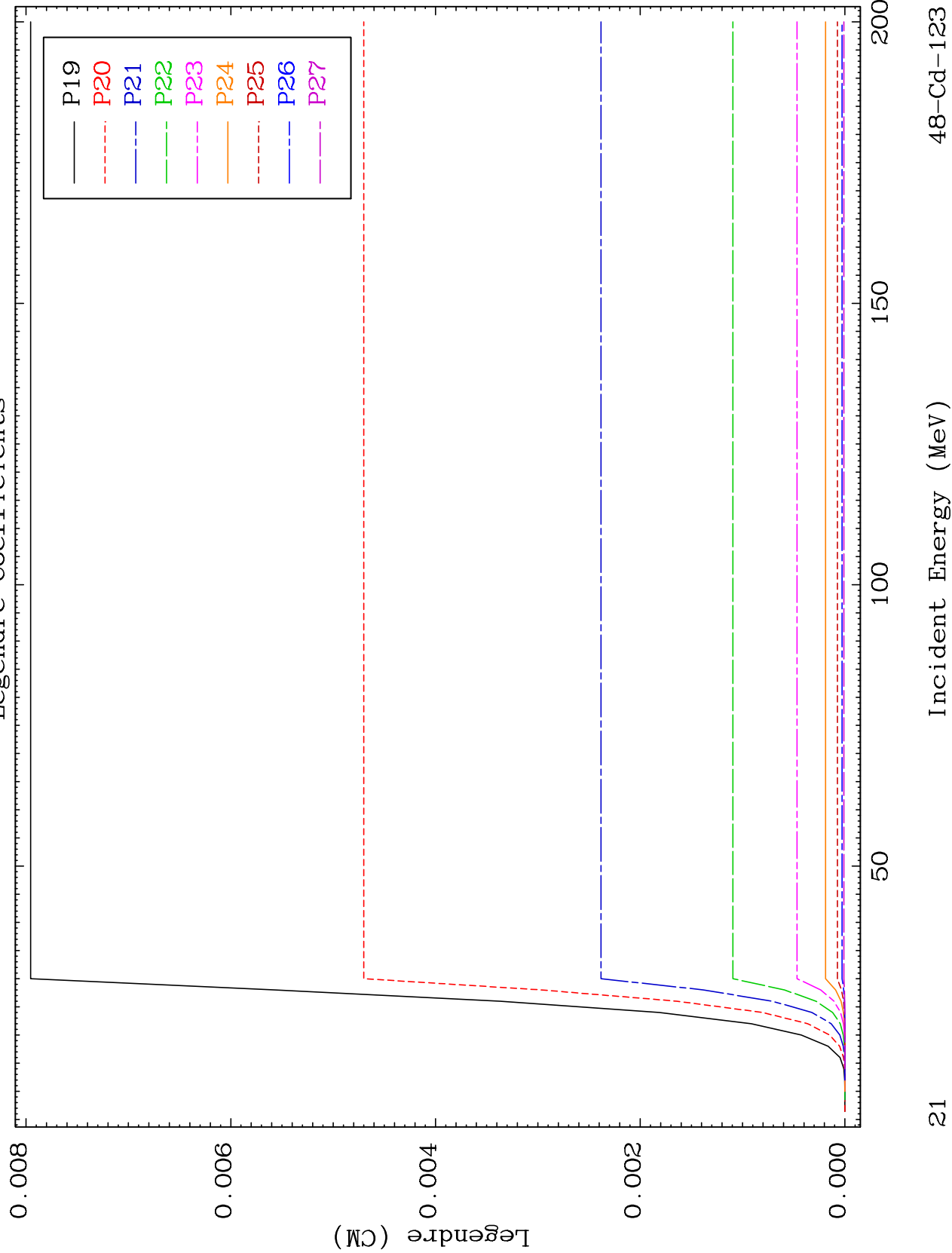
48-Cd-123



MAT 4876

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

48-Cd-123



21

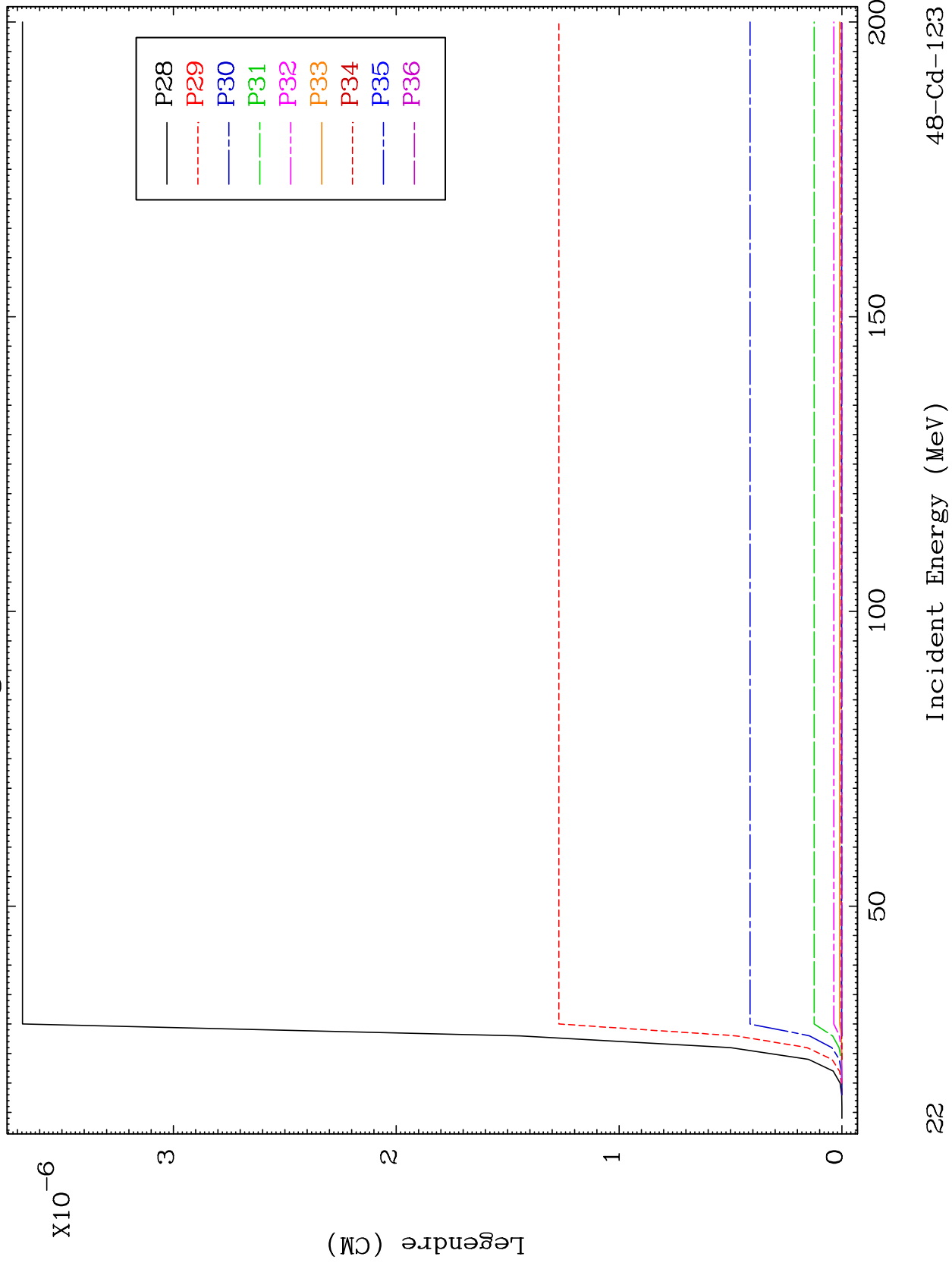
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

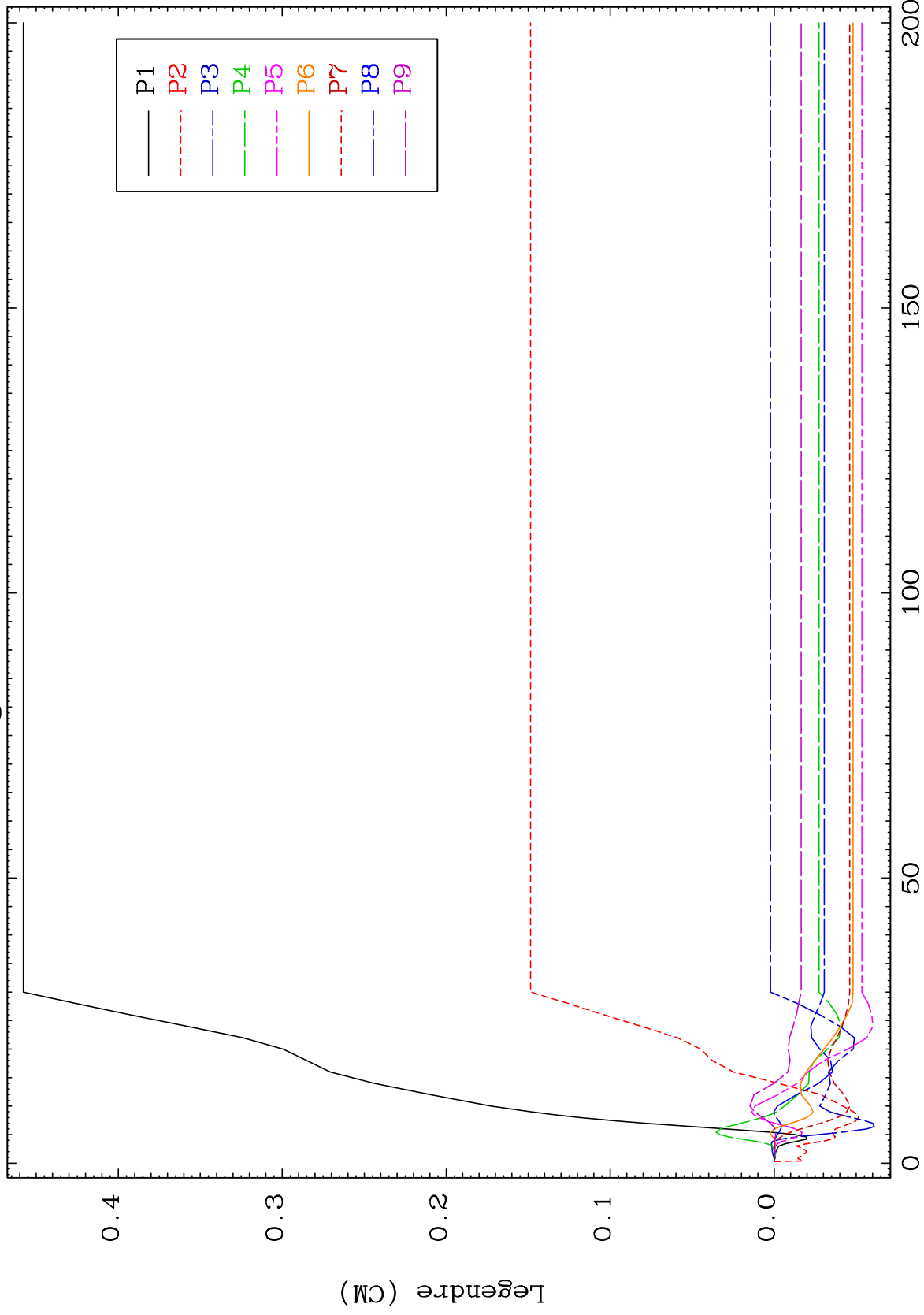


22

MAT 4876

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

48-Cd-123



23

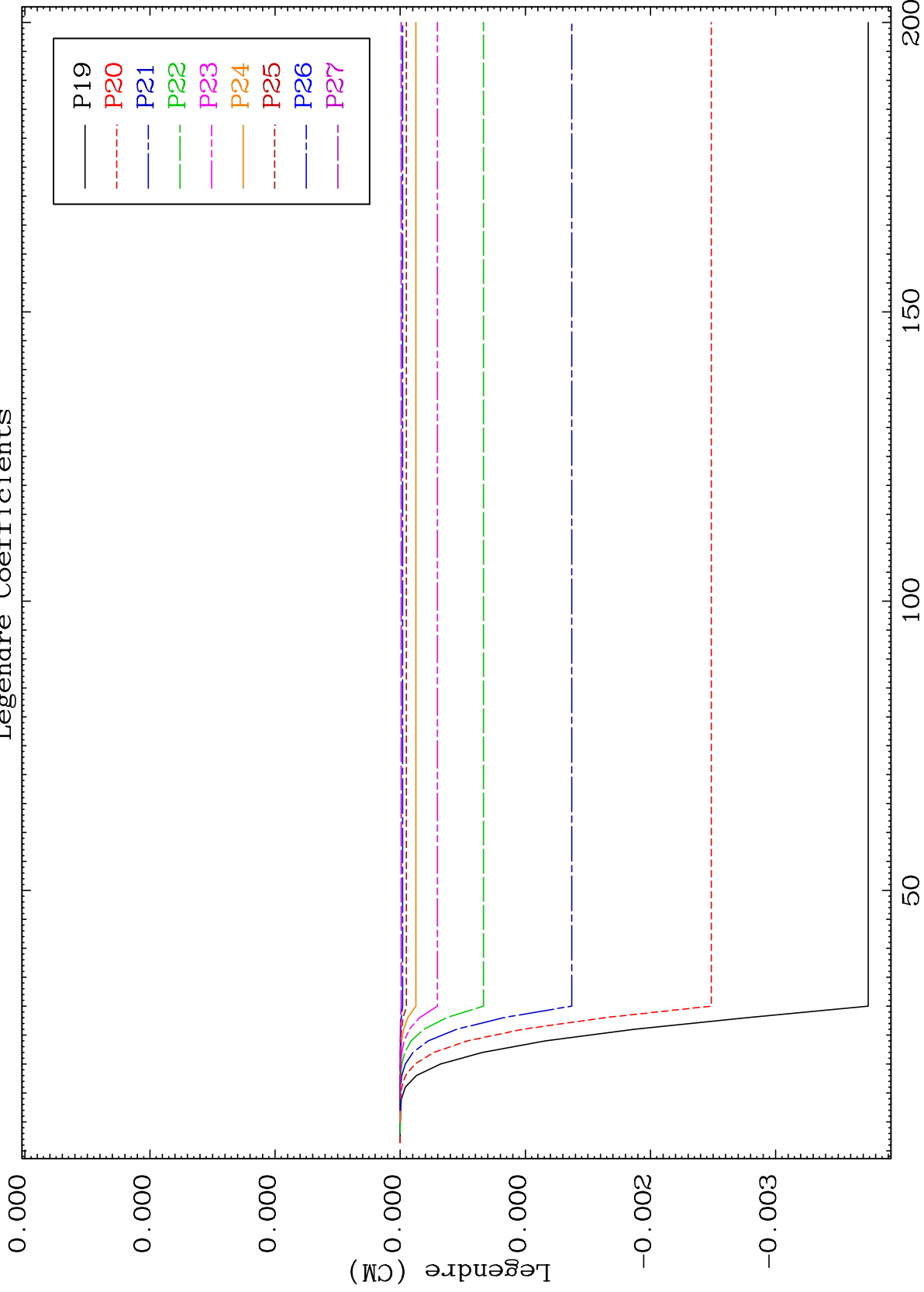
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



25

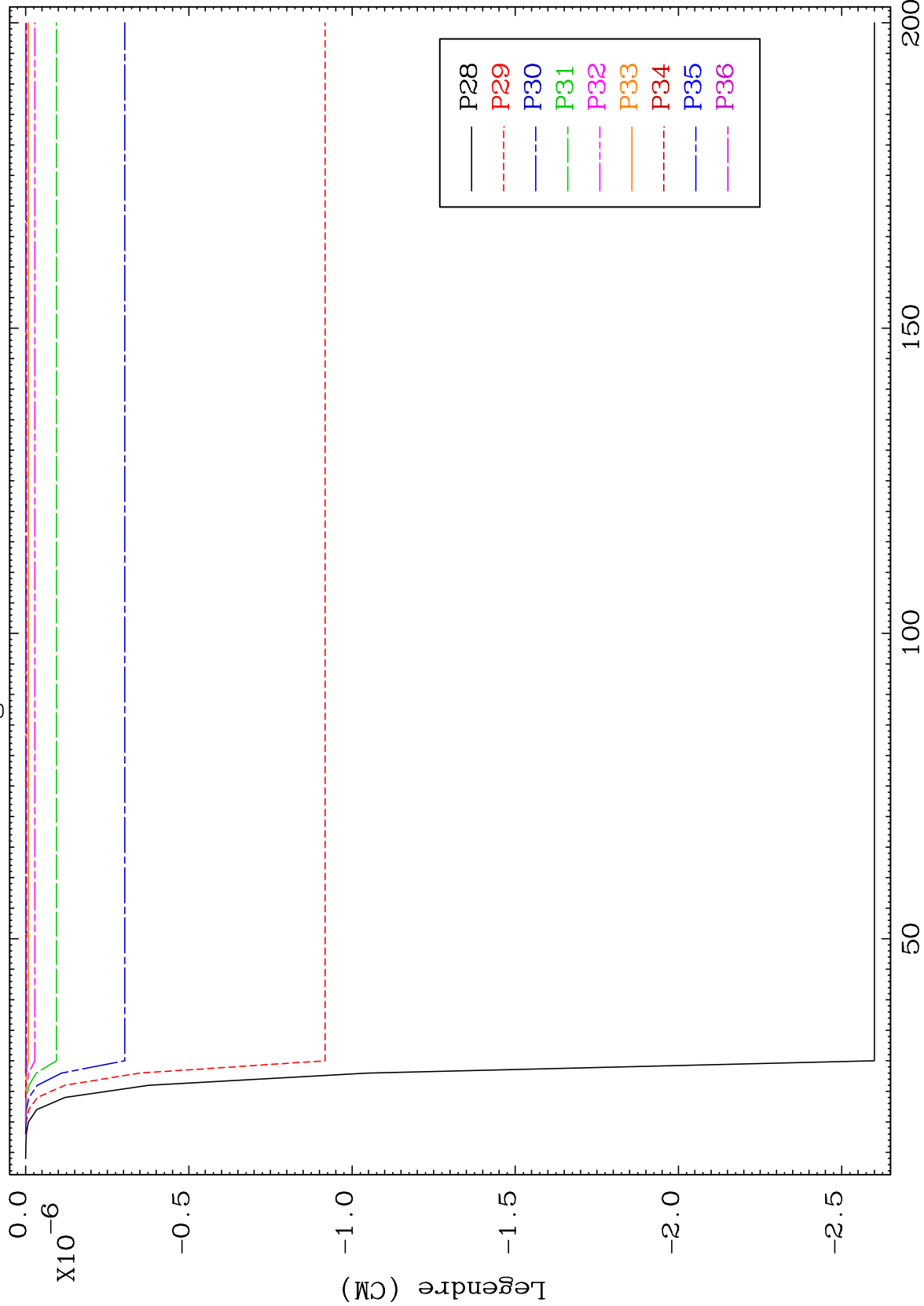
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



26

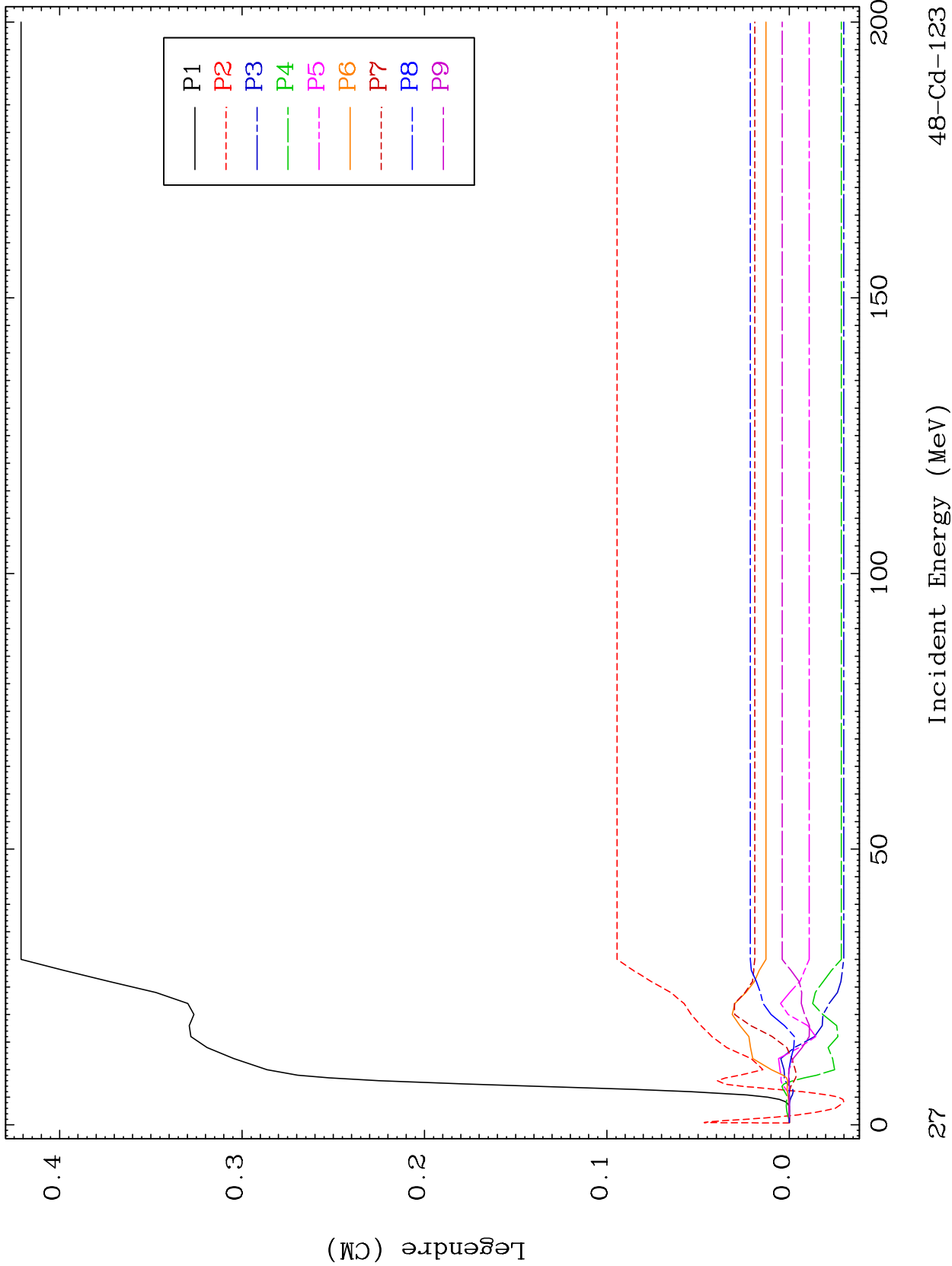
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

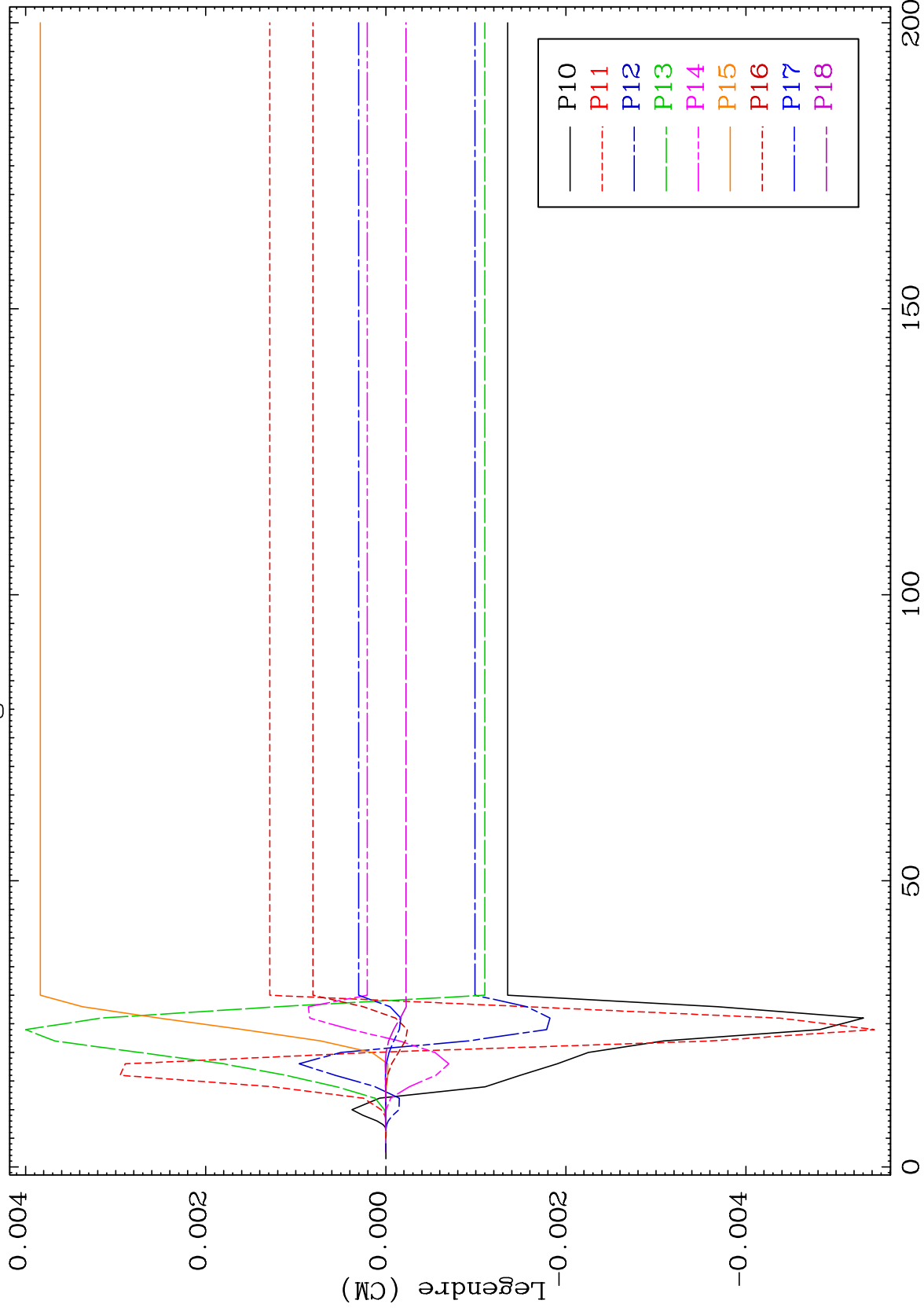
Incident Energy (MeV)

27

MAT 4876

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

48-Cd-123



28

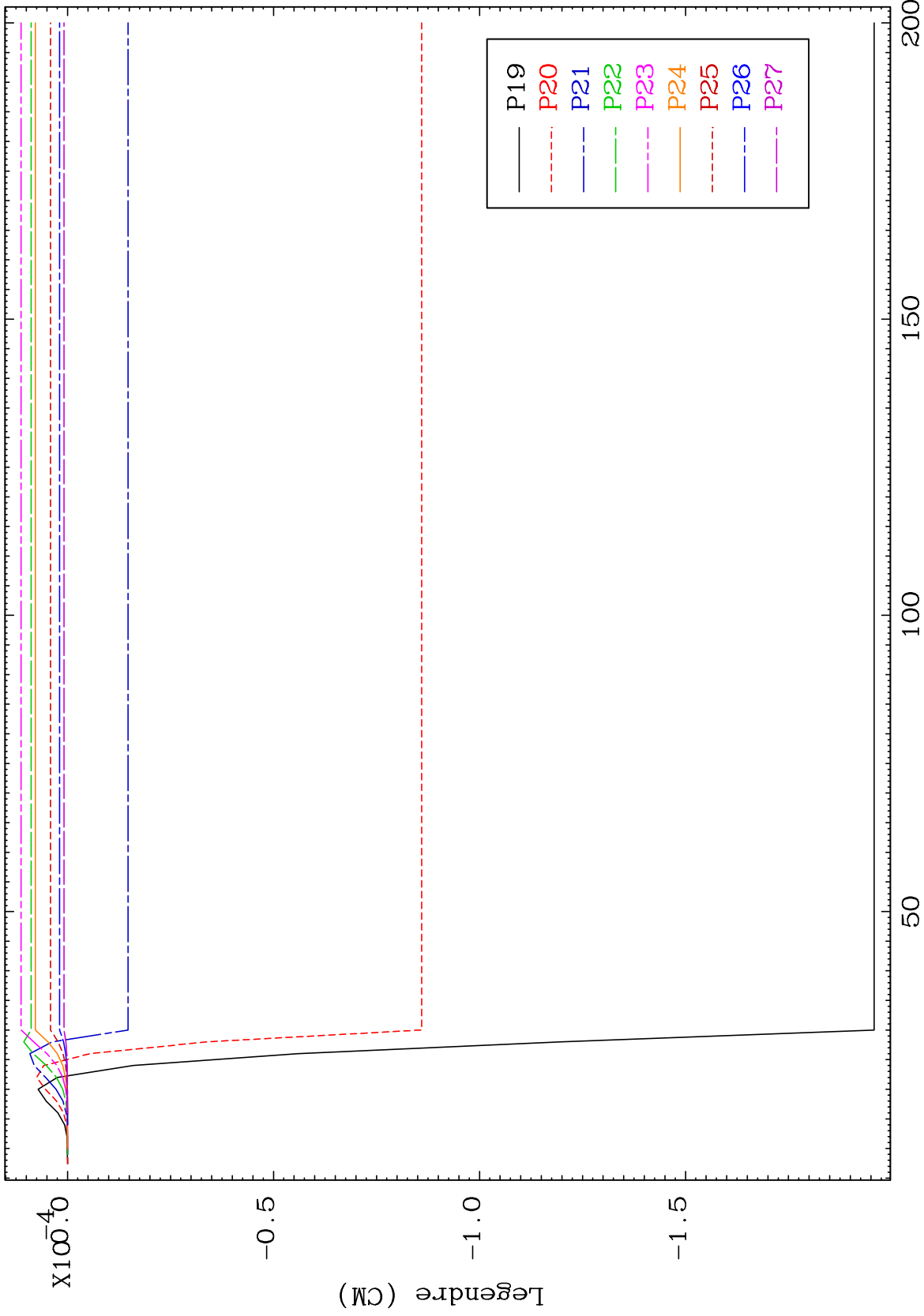
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



29

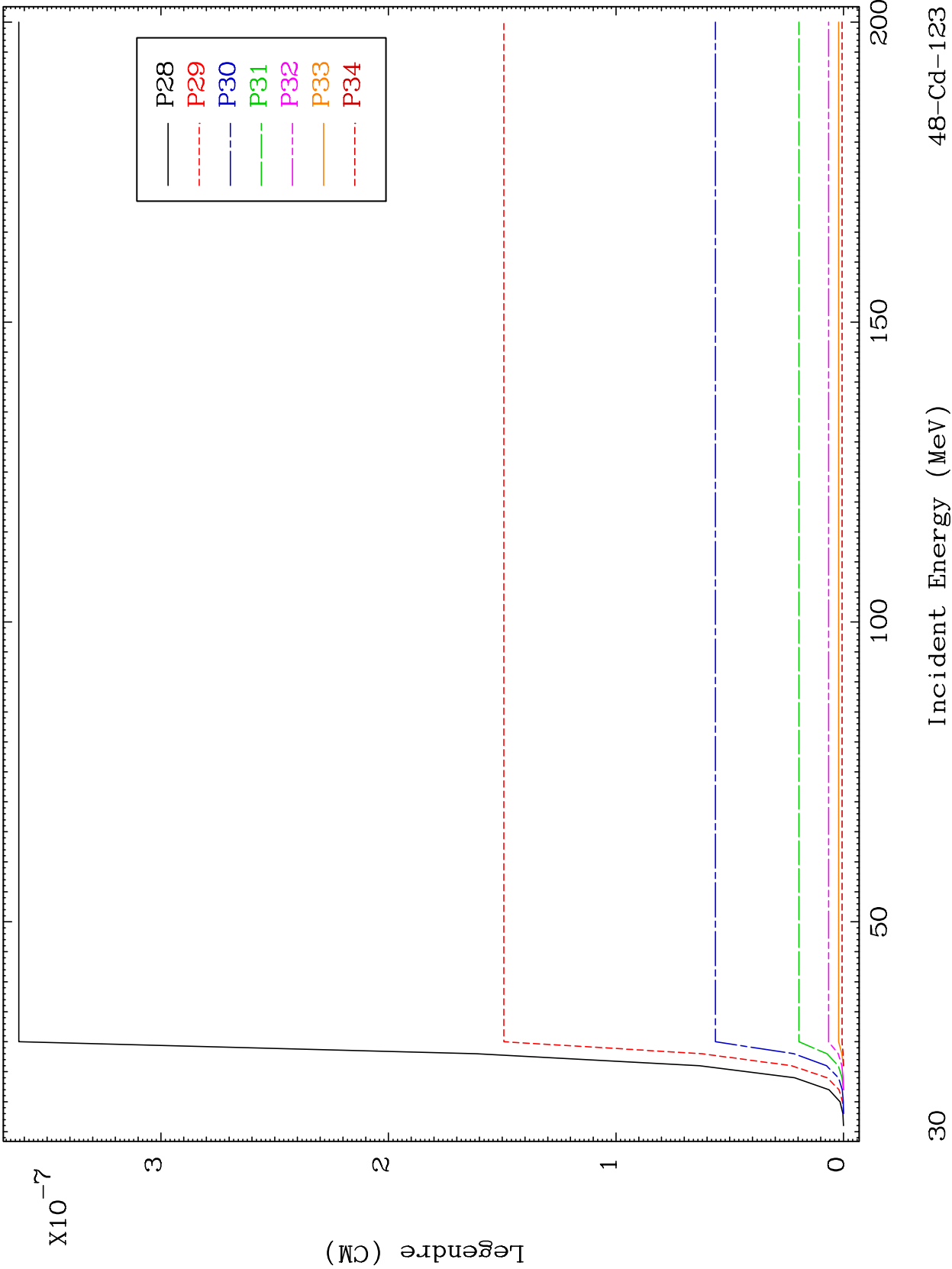
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

Incident Energy (MeV)

30

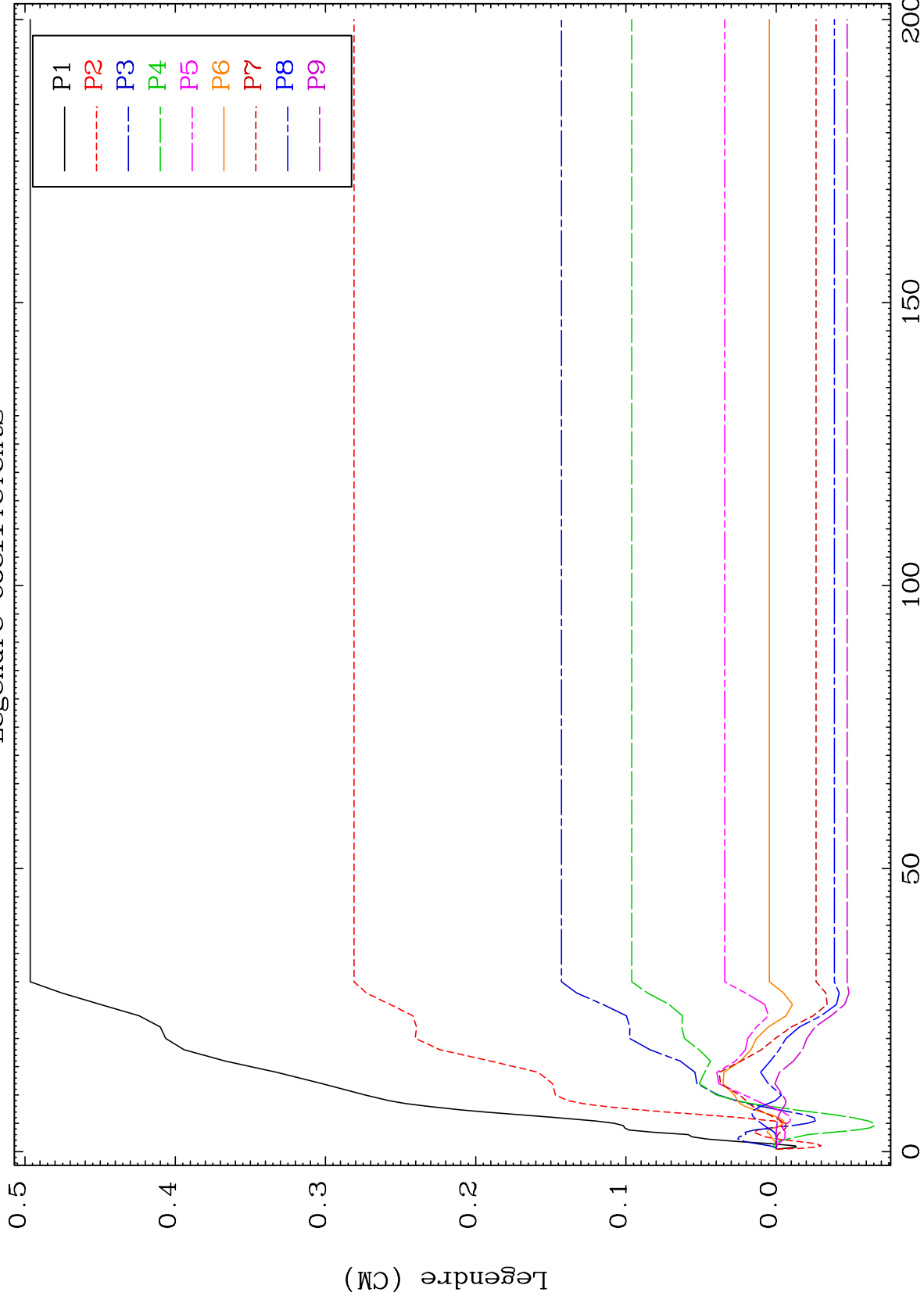
200

MAT 4876

MT= 54 (n,n') Level

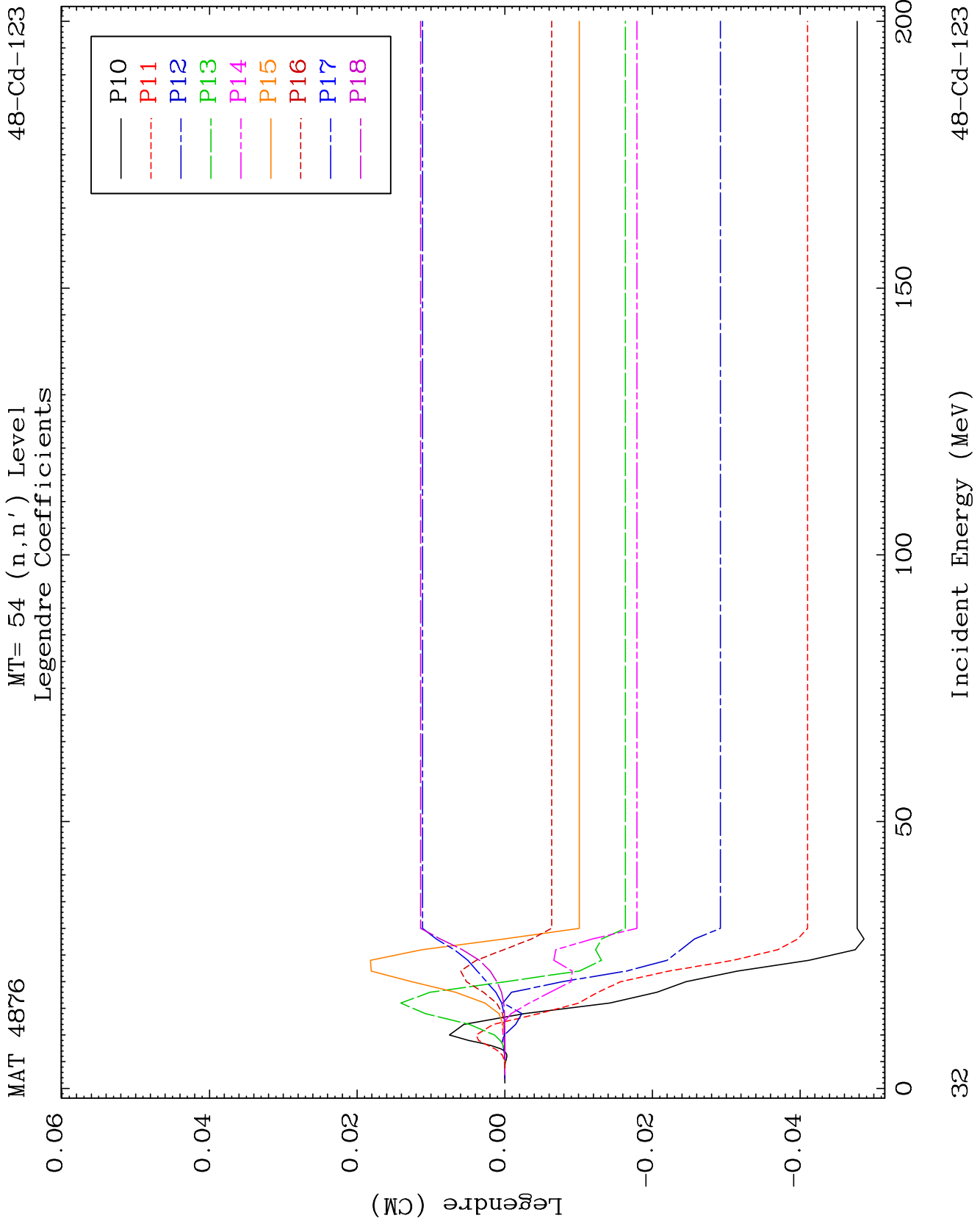
48-Cd-123

Legendre Coefficients



31

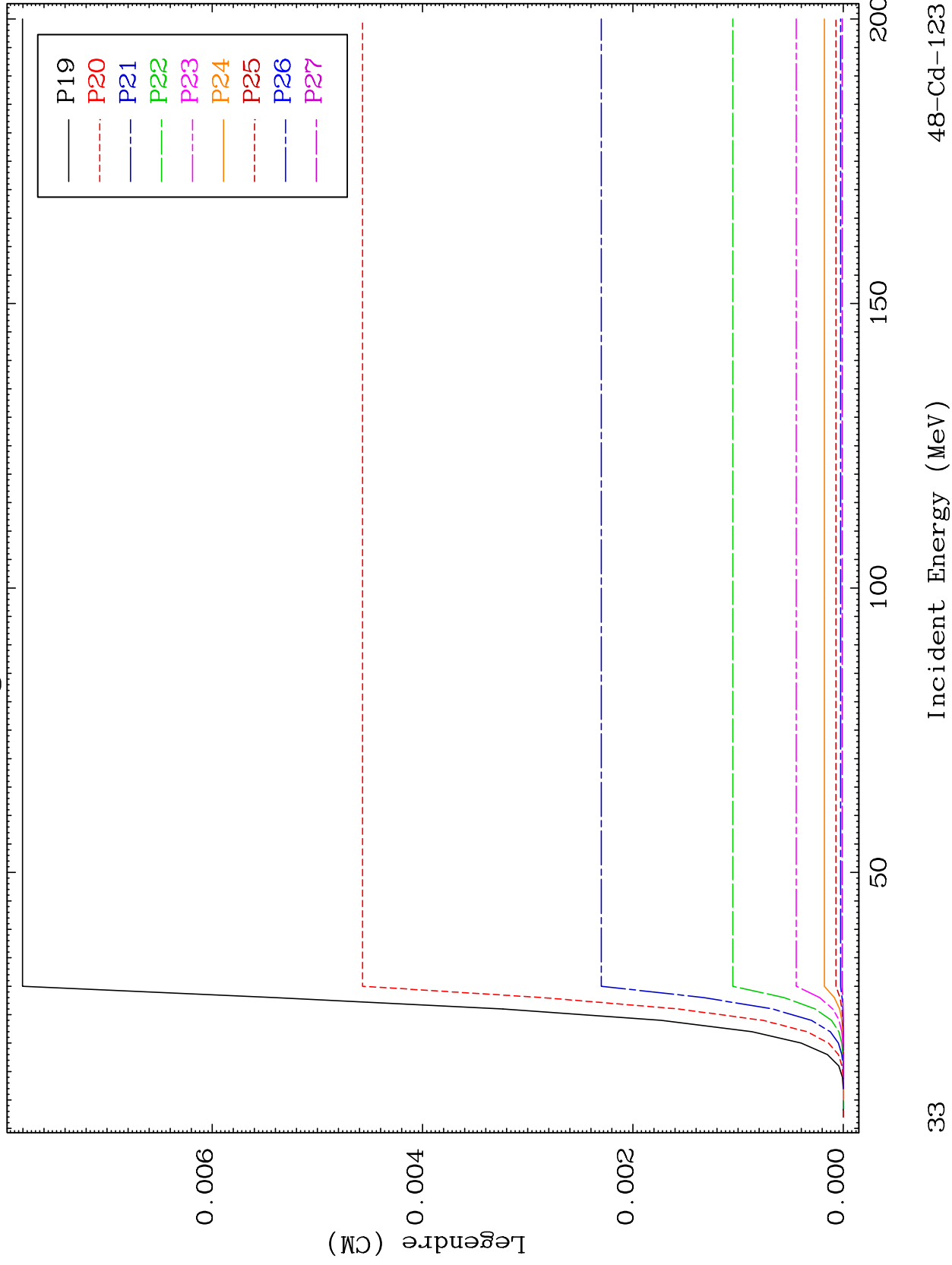
48-Cd-123



MAT 4876

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

48-Cd-123



33

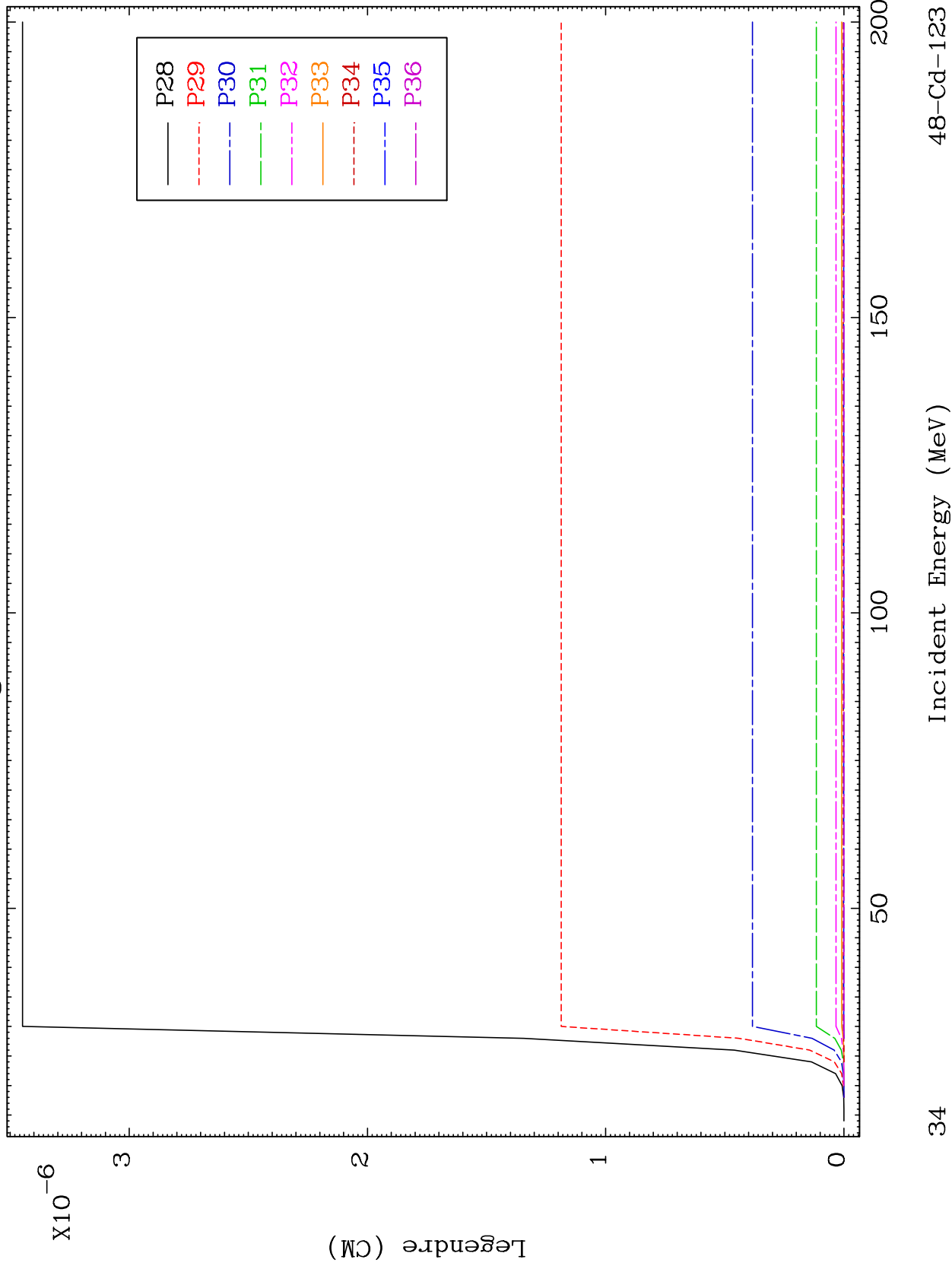
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

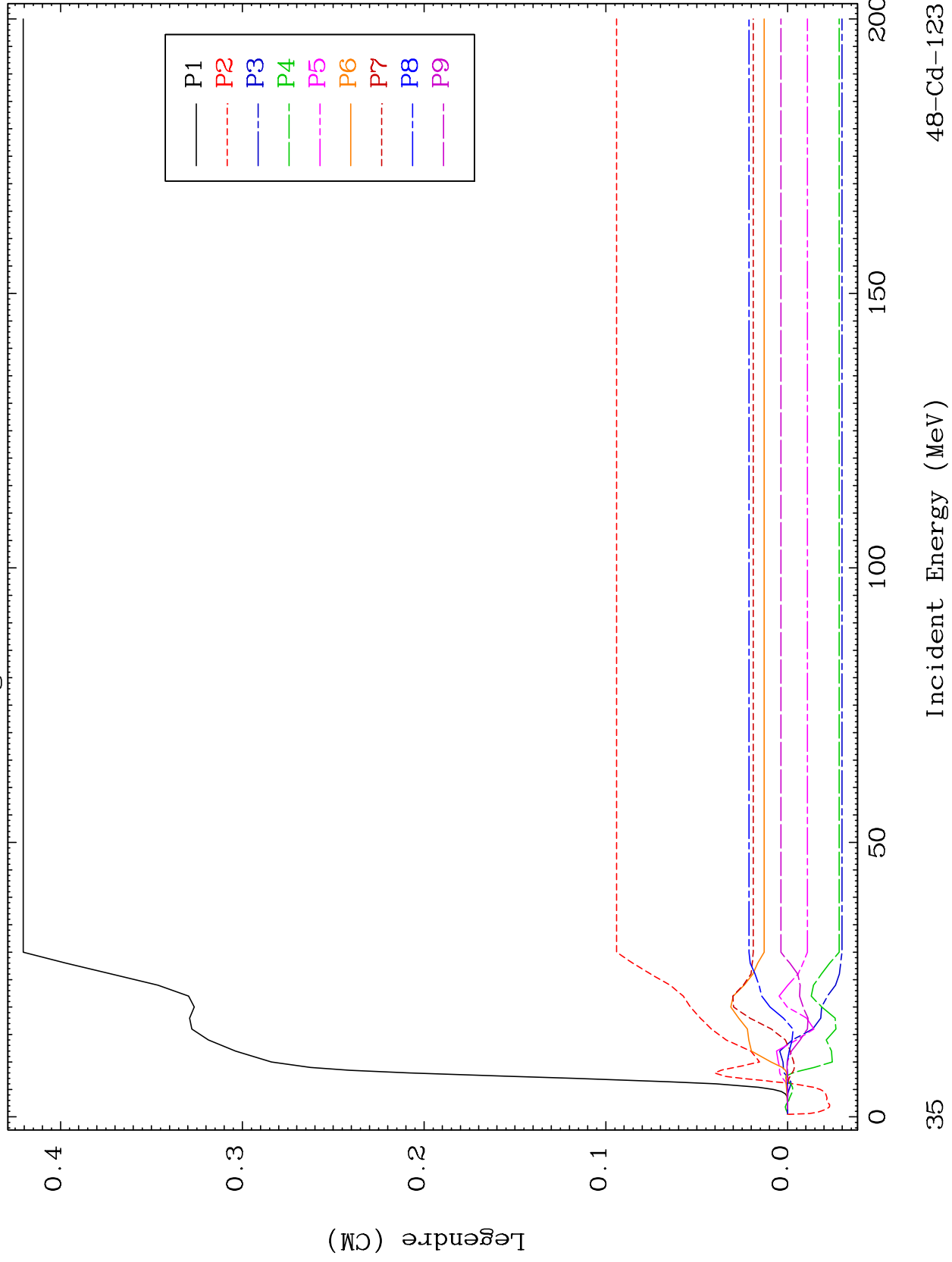
48-Cd-123



MAT 4876

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

48-Cd-123



48-Cd-123

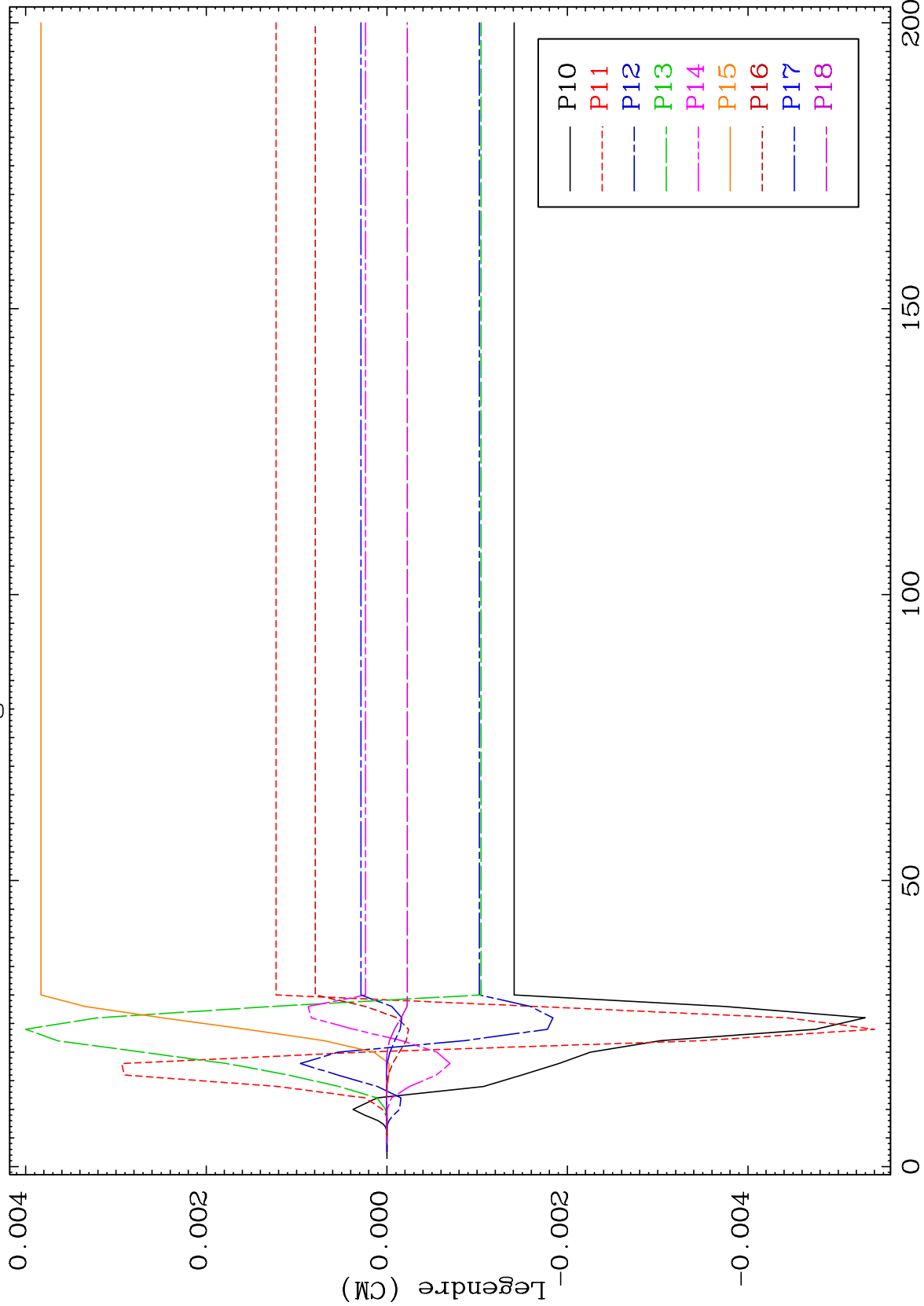
Incident Energy (MeV)

35

MAT 4876

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

48-Cd-123



36

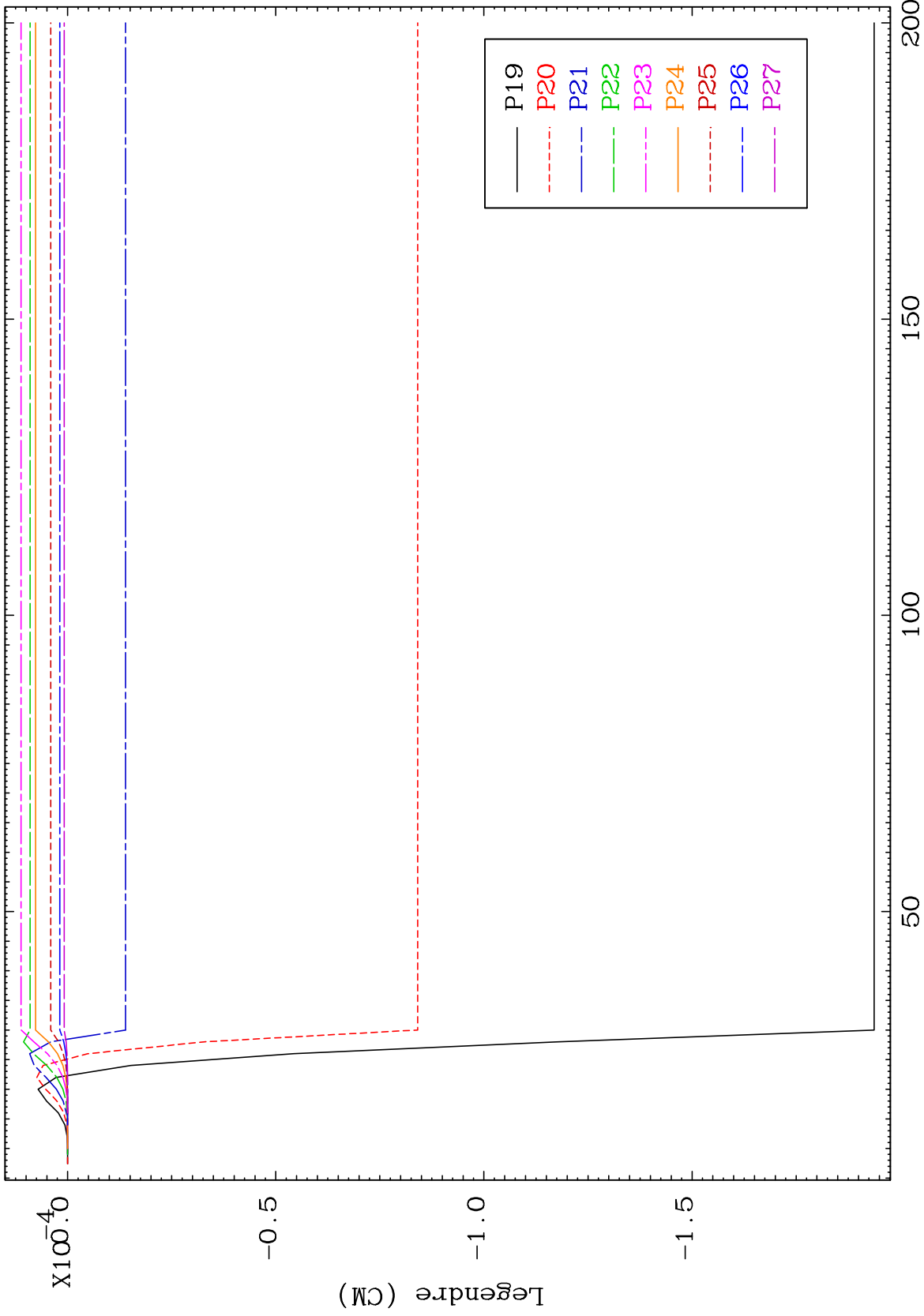
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



37

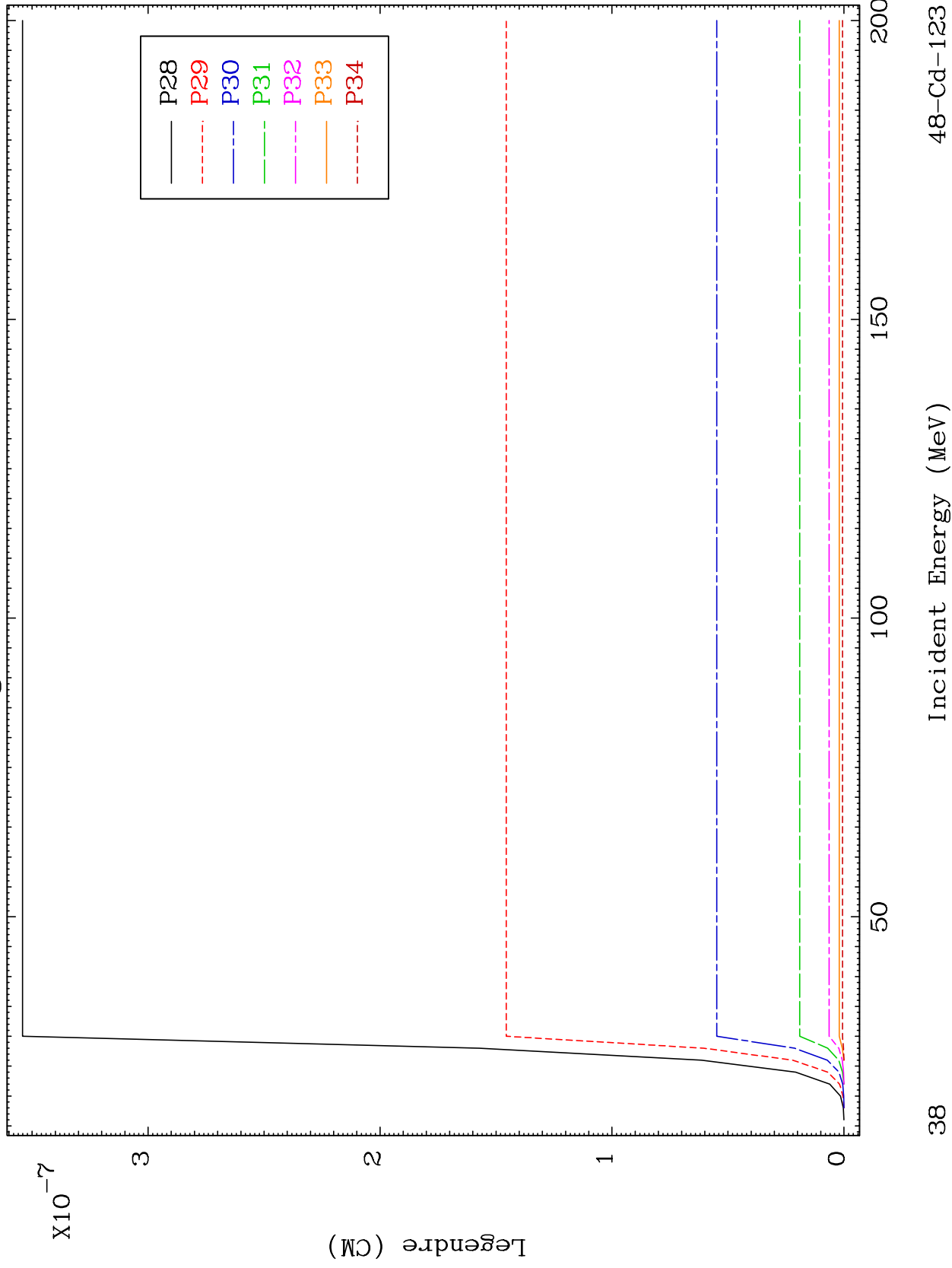
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

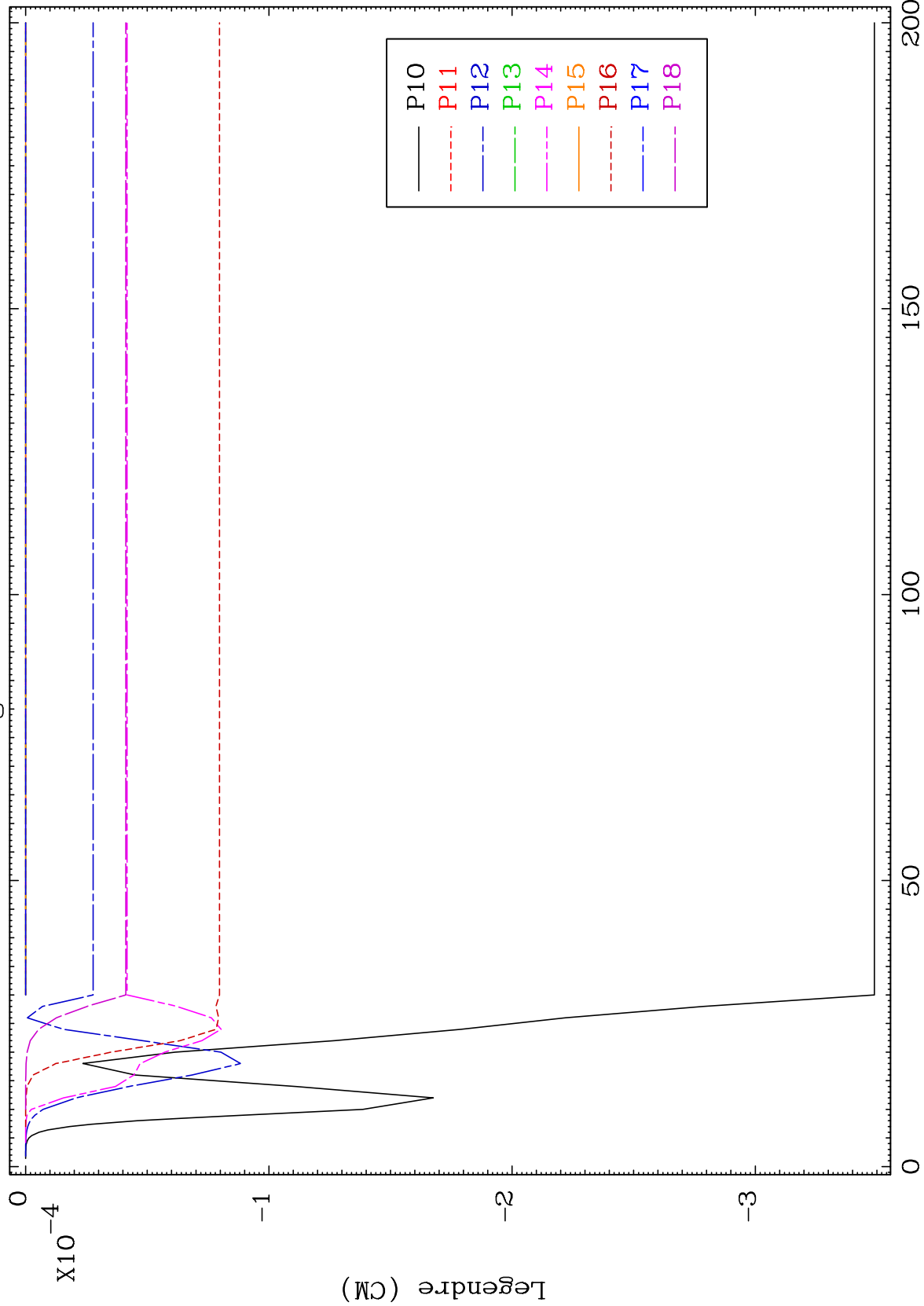


MAT 4876

MT= 56 (n,n') Level

48-Cd-123

Legendre Coefficients



0

10^{-4}

-1

-2

-3

0

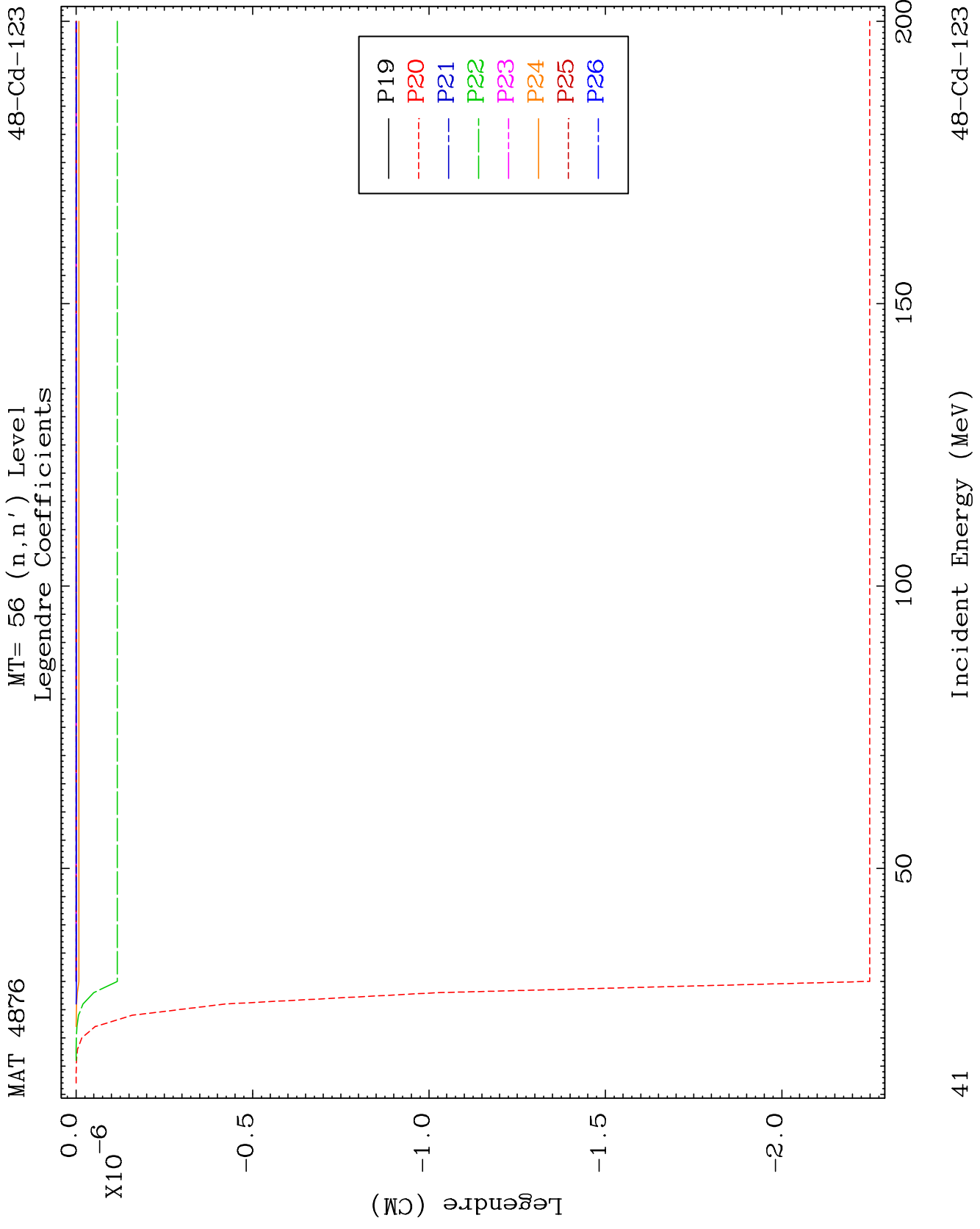
50

100

150

200

48-Cd-123

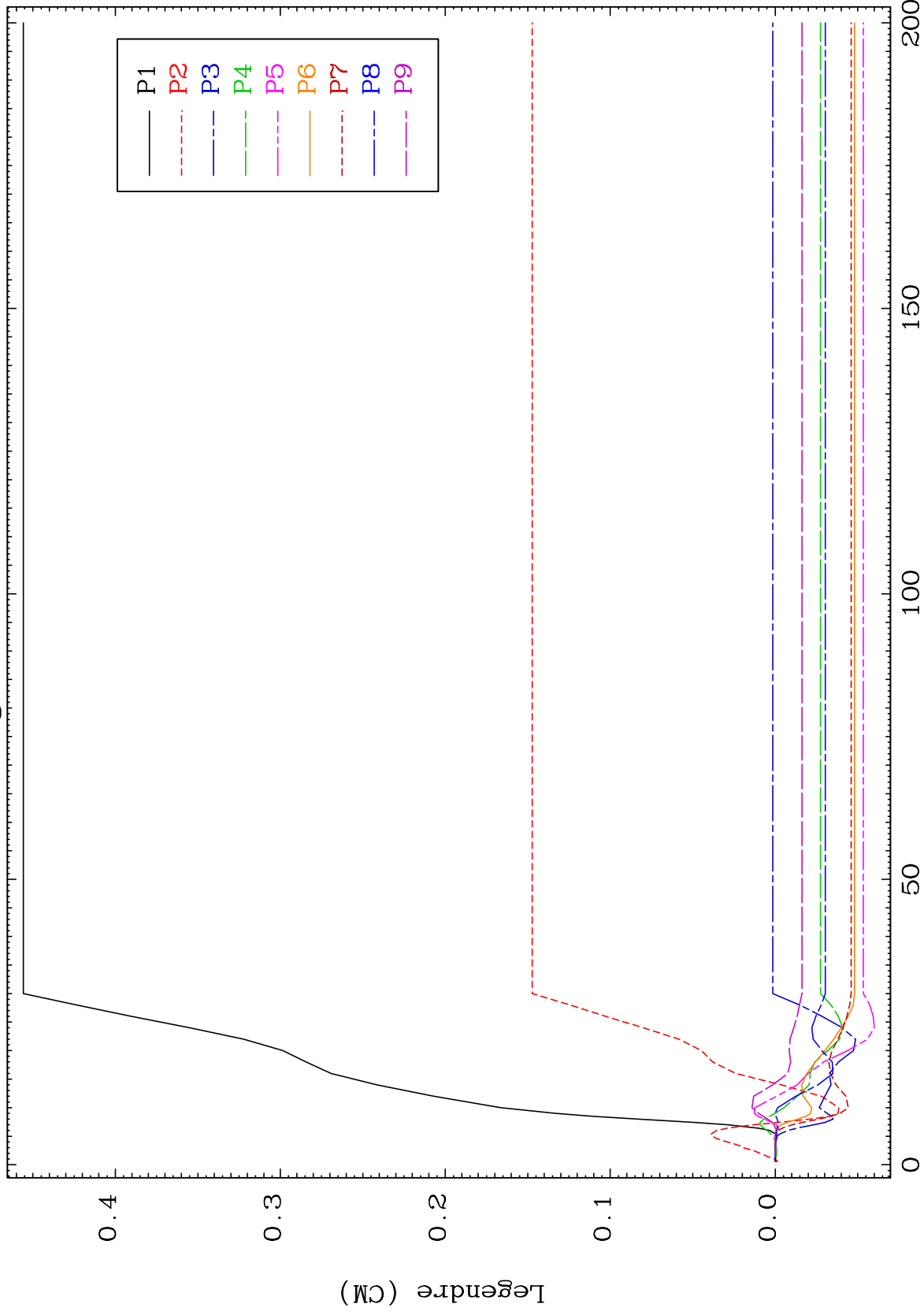


MAT 4876

MT= 57 (n,n') Level

48-Cd-123

Legendre Coefficients



42

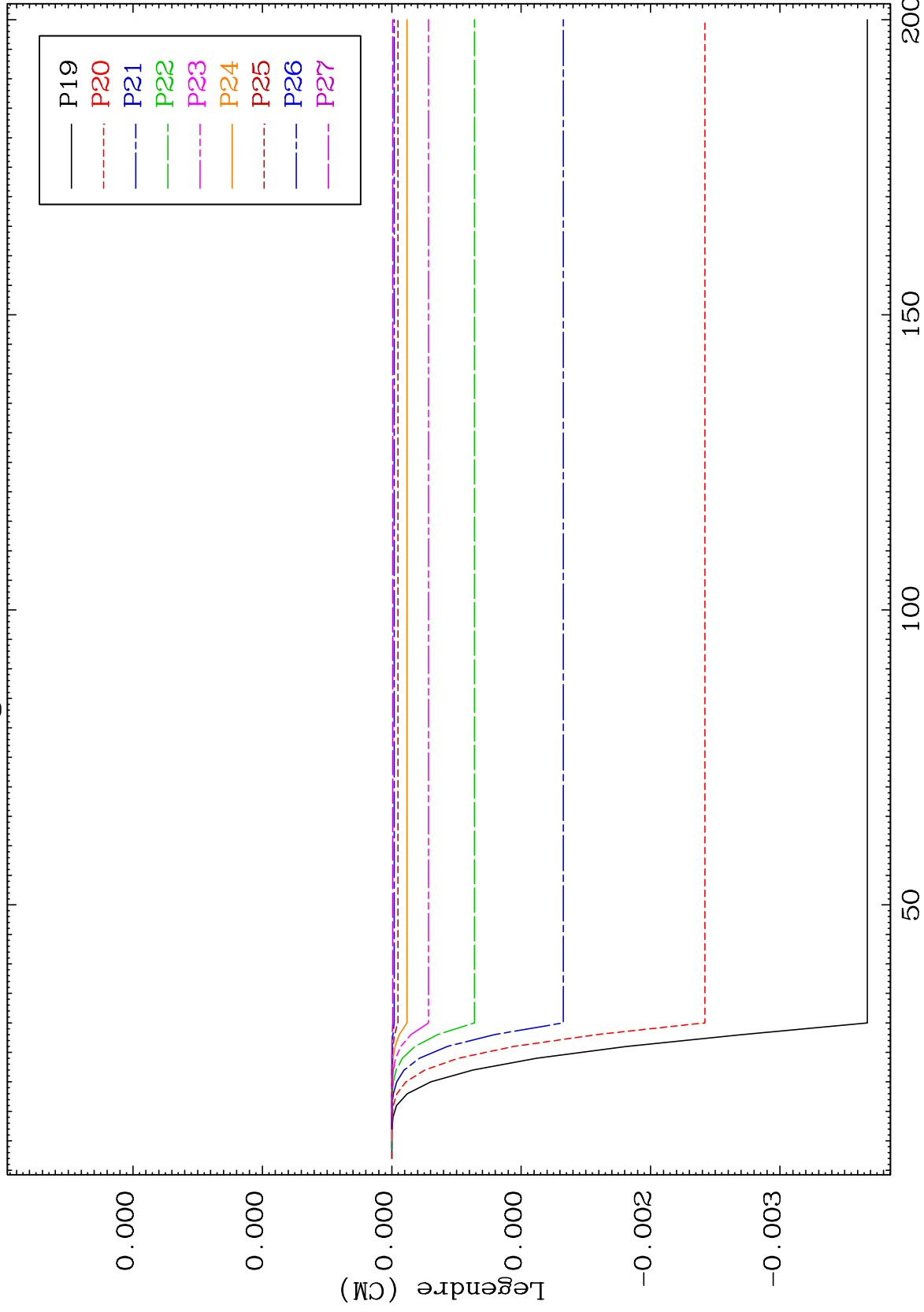
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



44

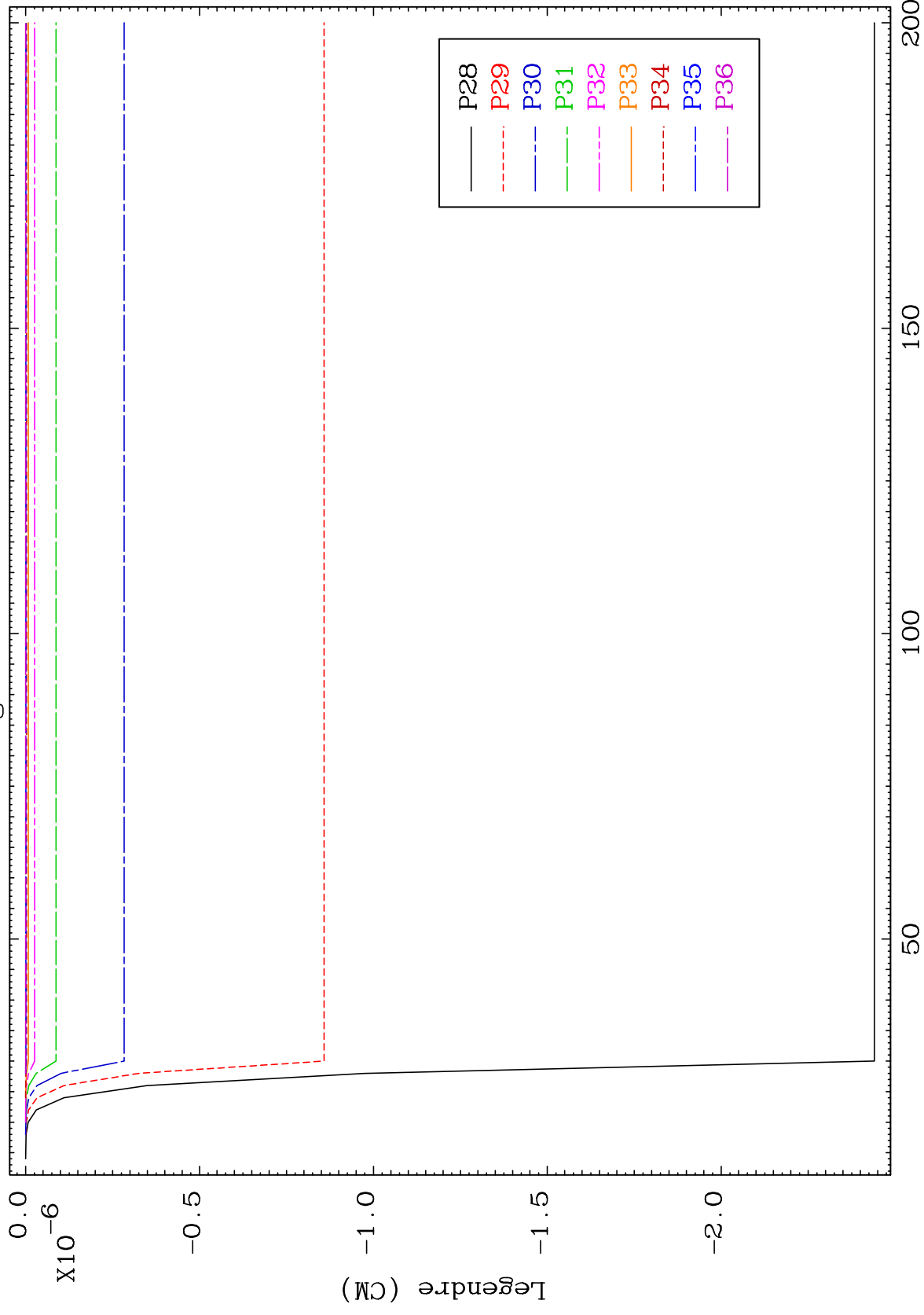
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



45

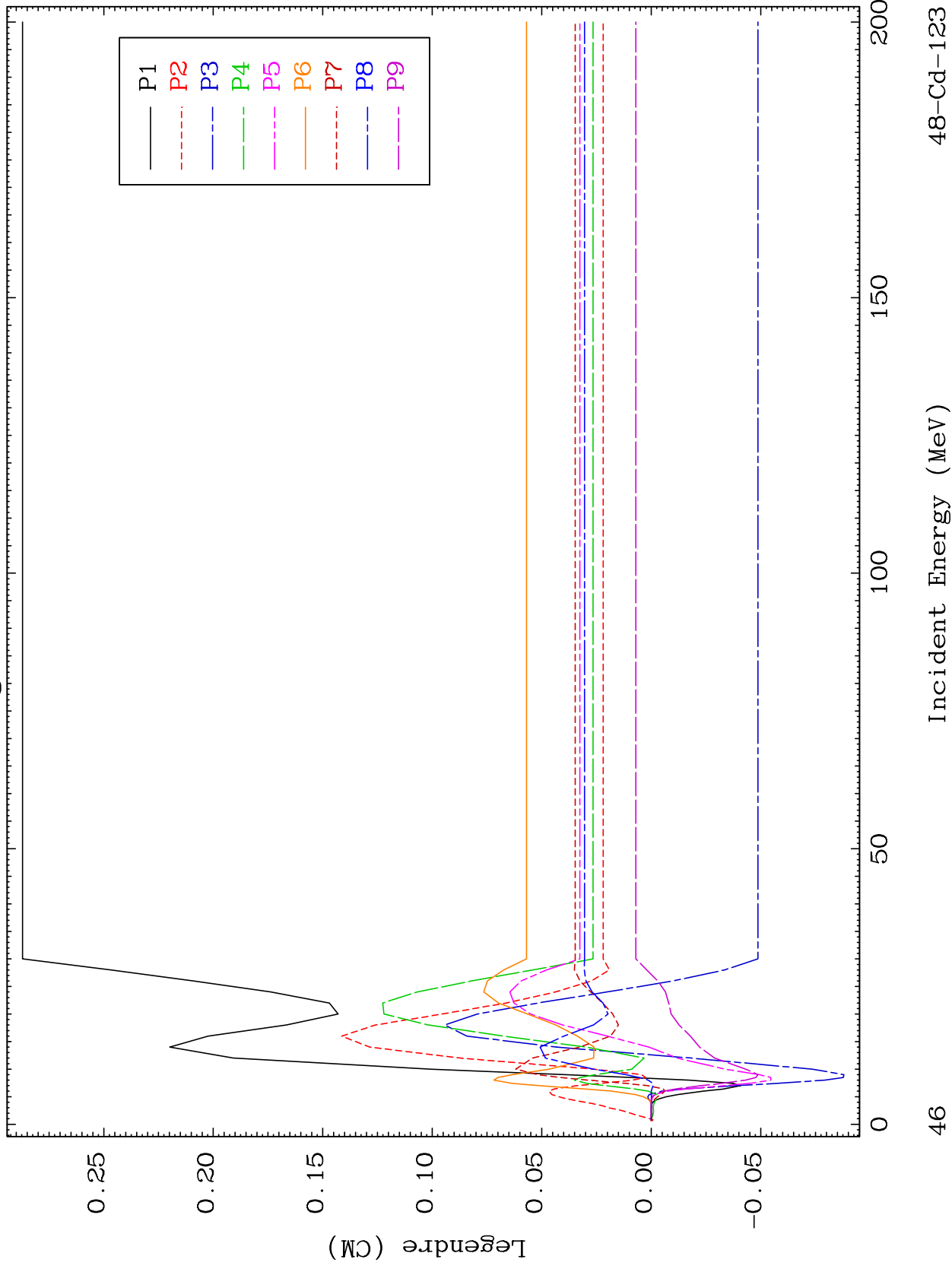
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

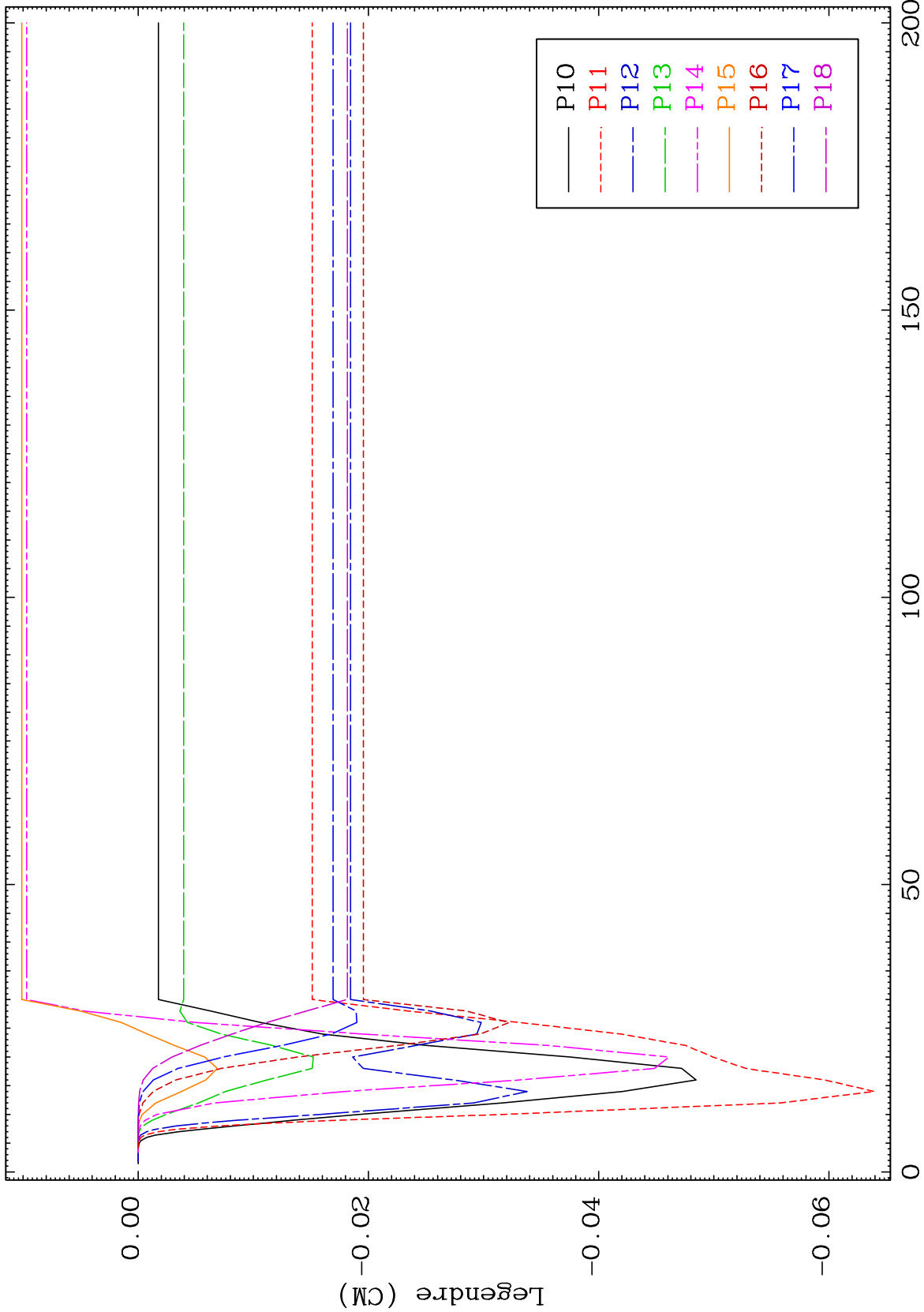
Incident Energy (MeV)

46

MAT 4876

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

48-Cd-123



47

Incident Energy (MeV)

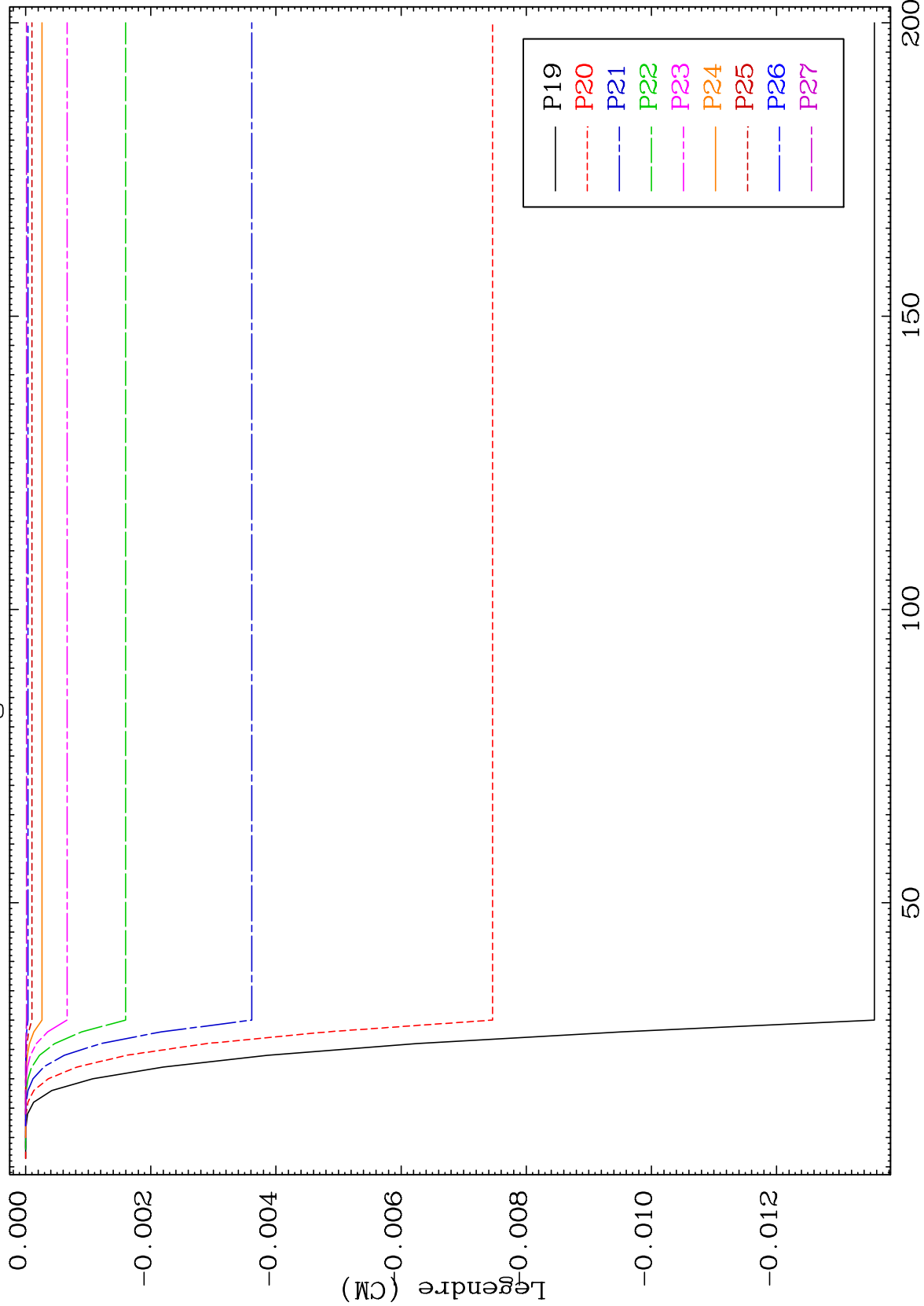
48-Cd-123

MAT 4876

MT= 58 (n,n') Level

48-Cd-123

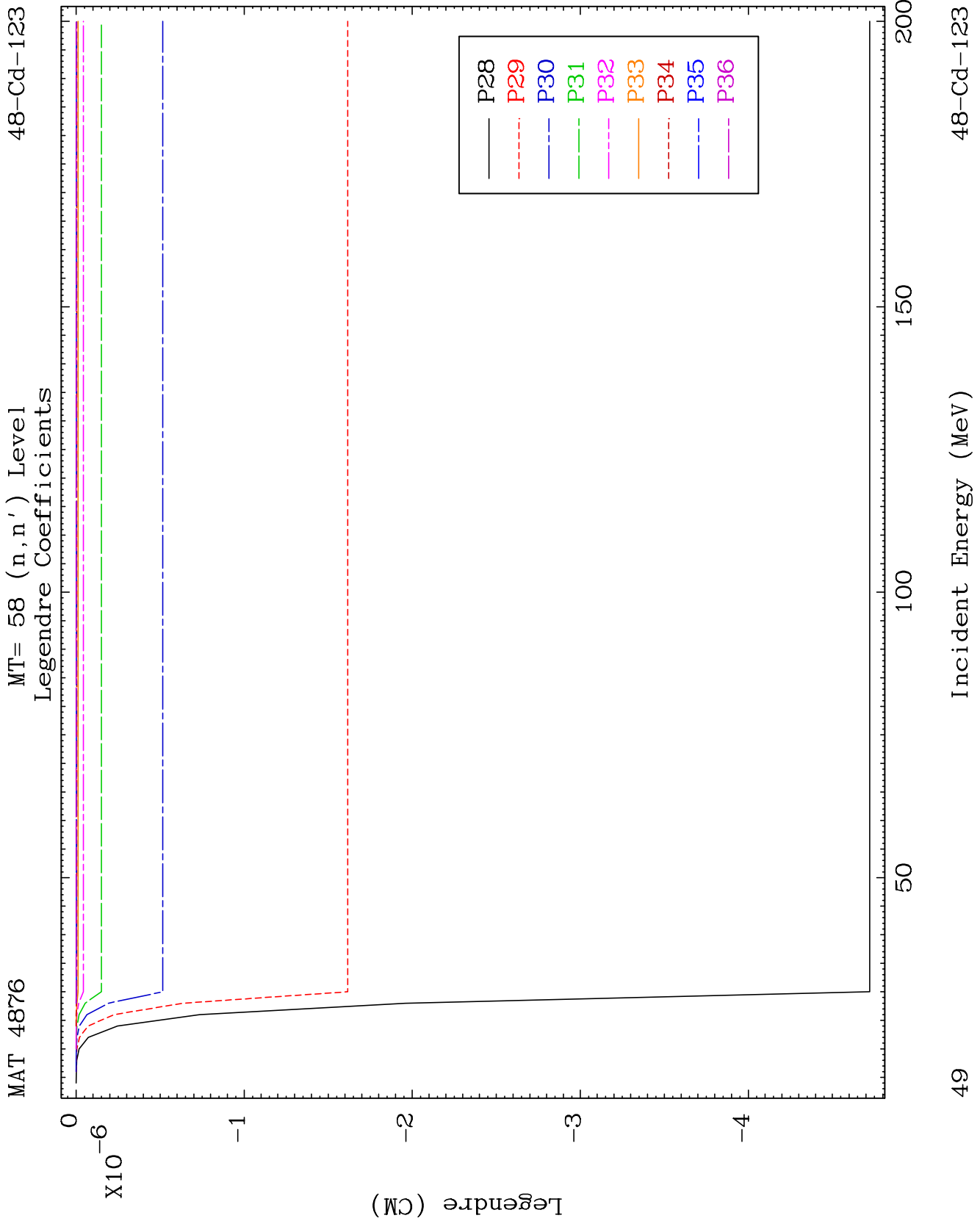
Legendre Coefficients



48-Cd-123

Incident Energy (MeV)

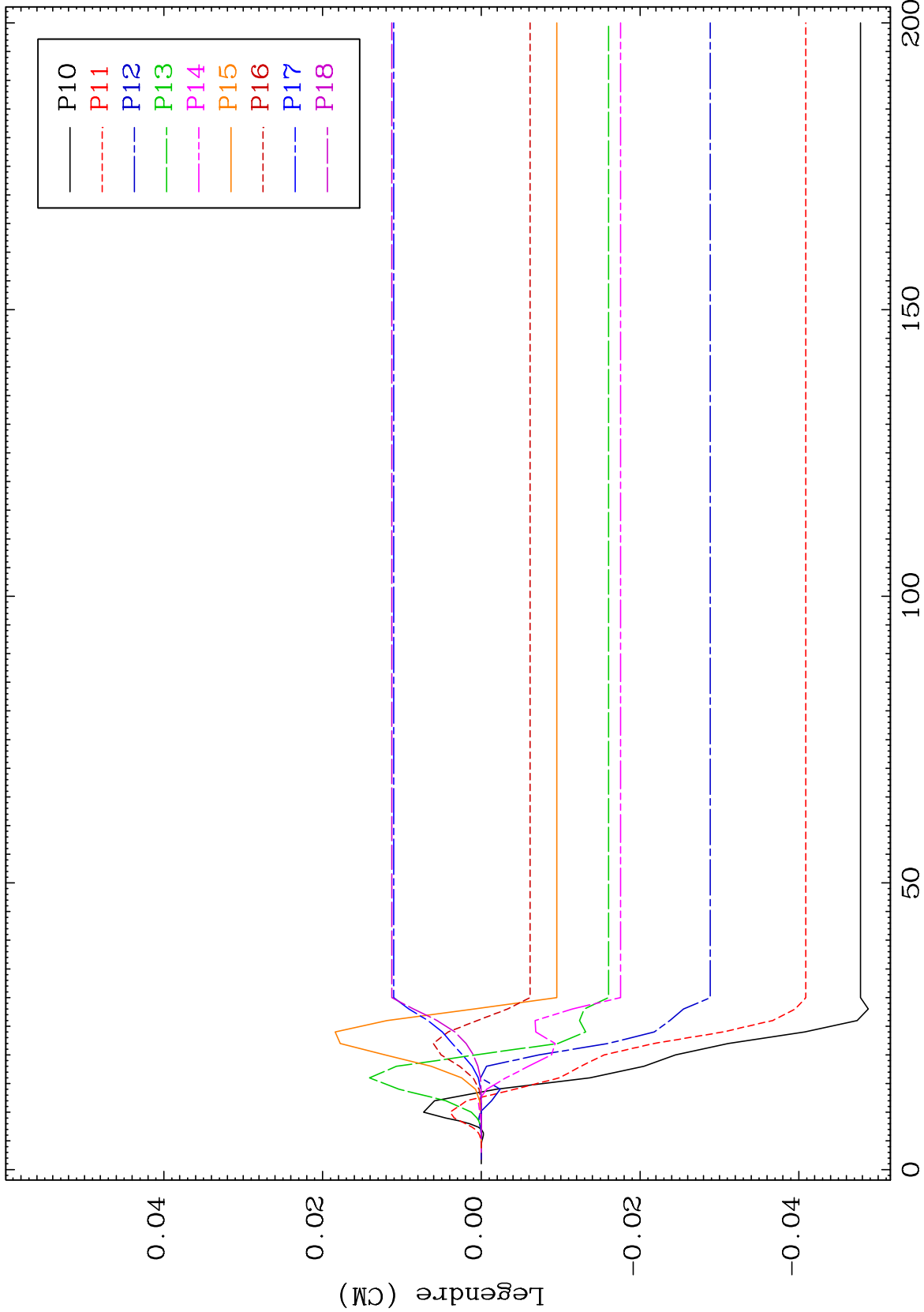
48



MAT 4876

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

48-Cd-123



51

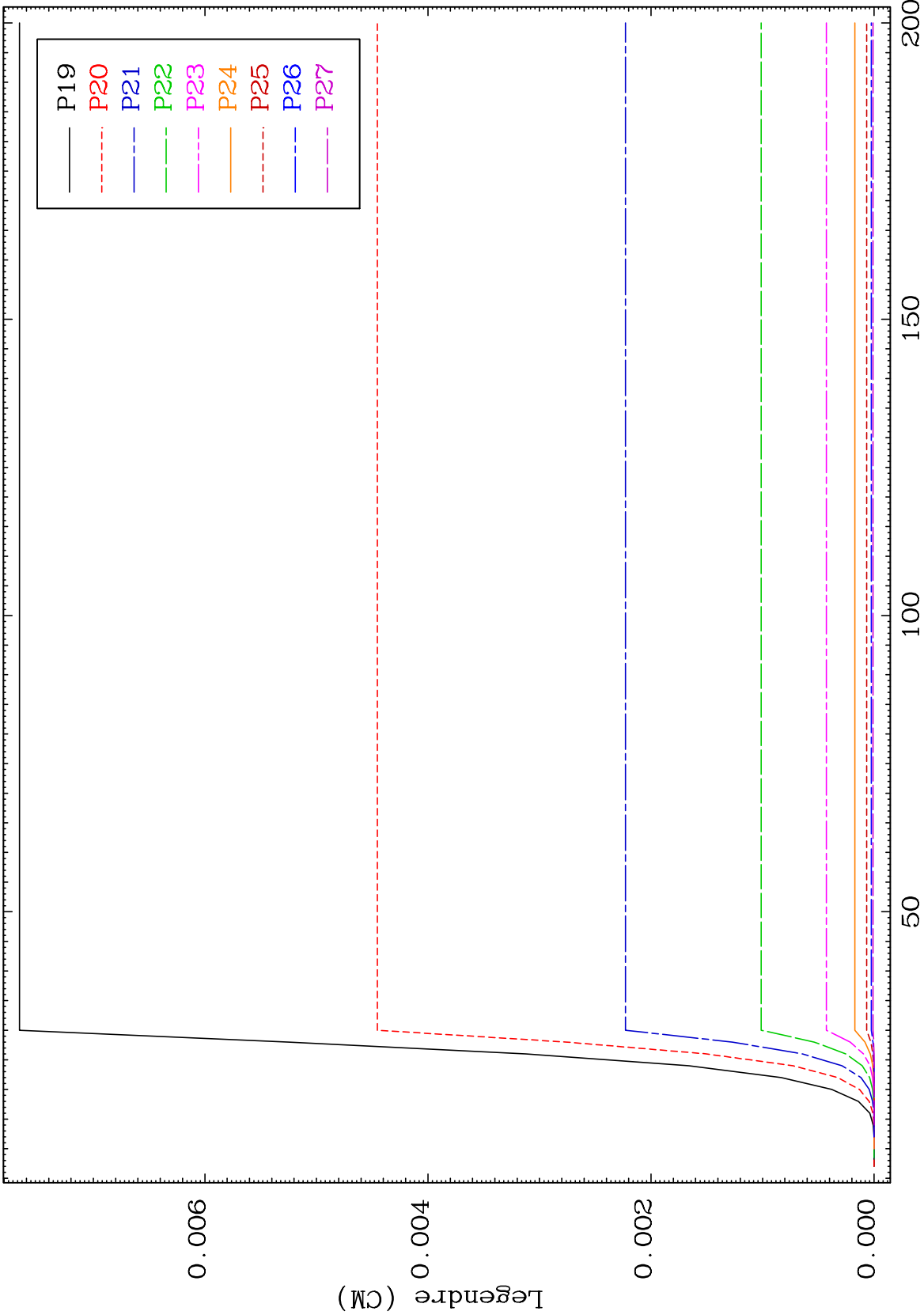
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



52

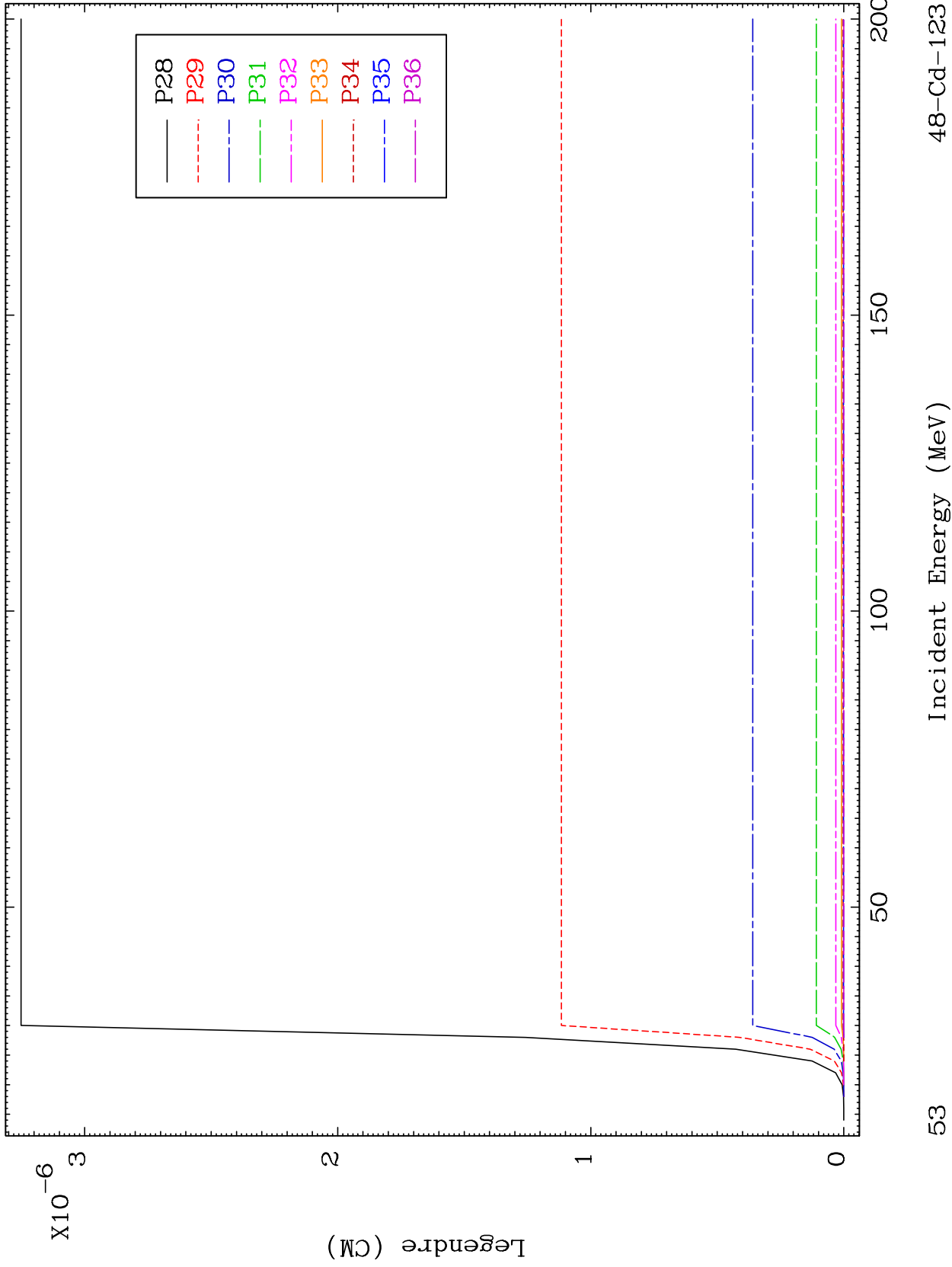
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



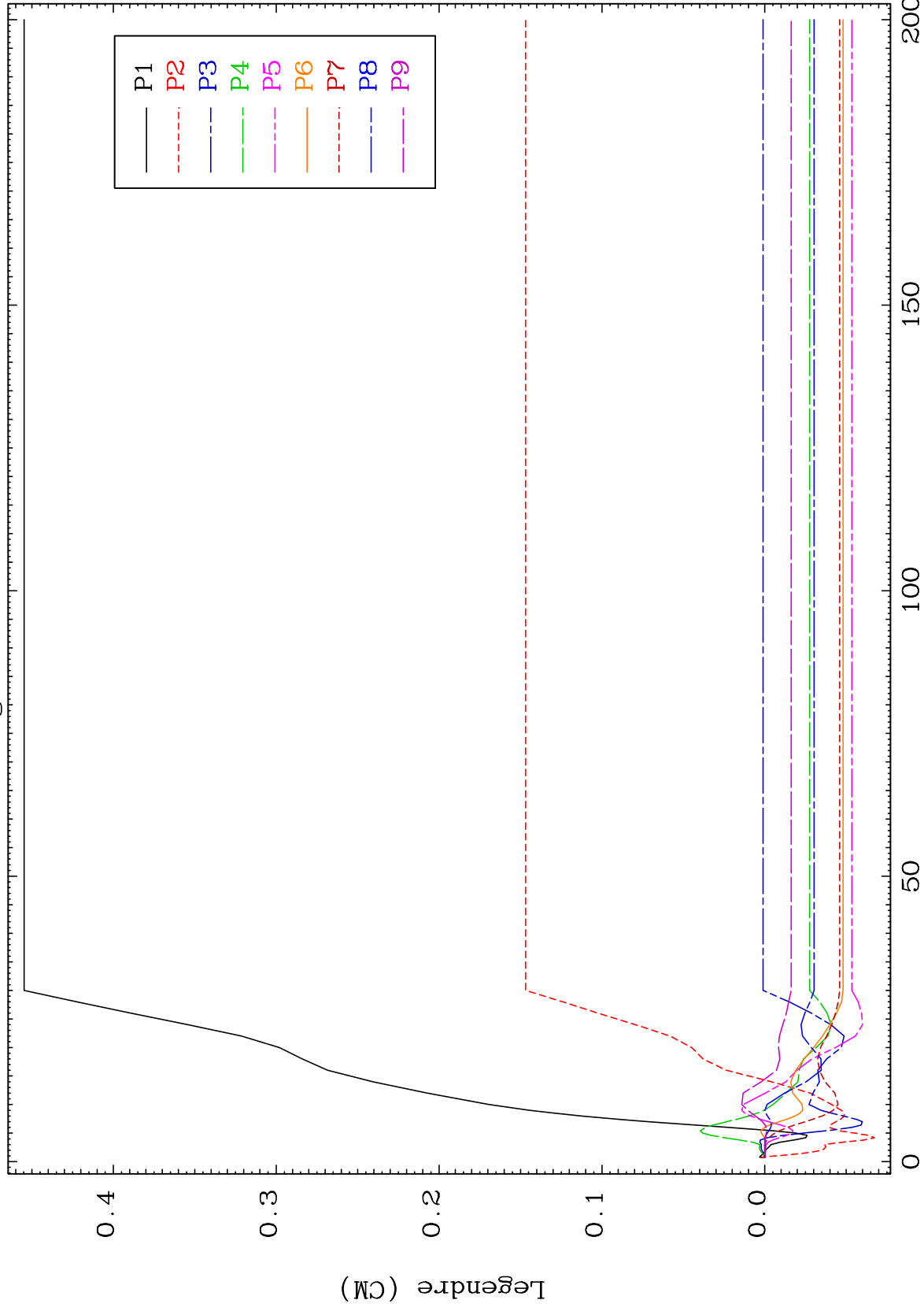
53

48-Cd-123

MAT 4876

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

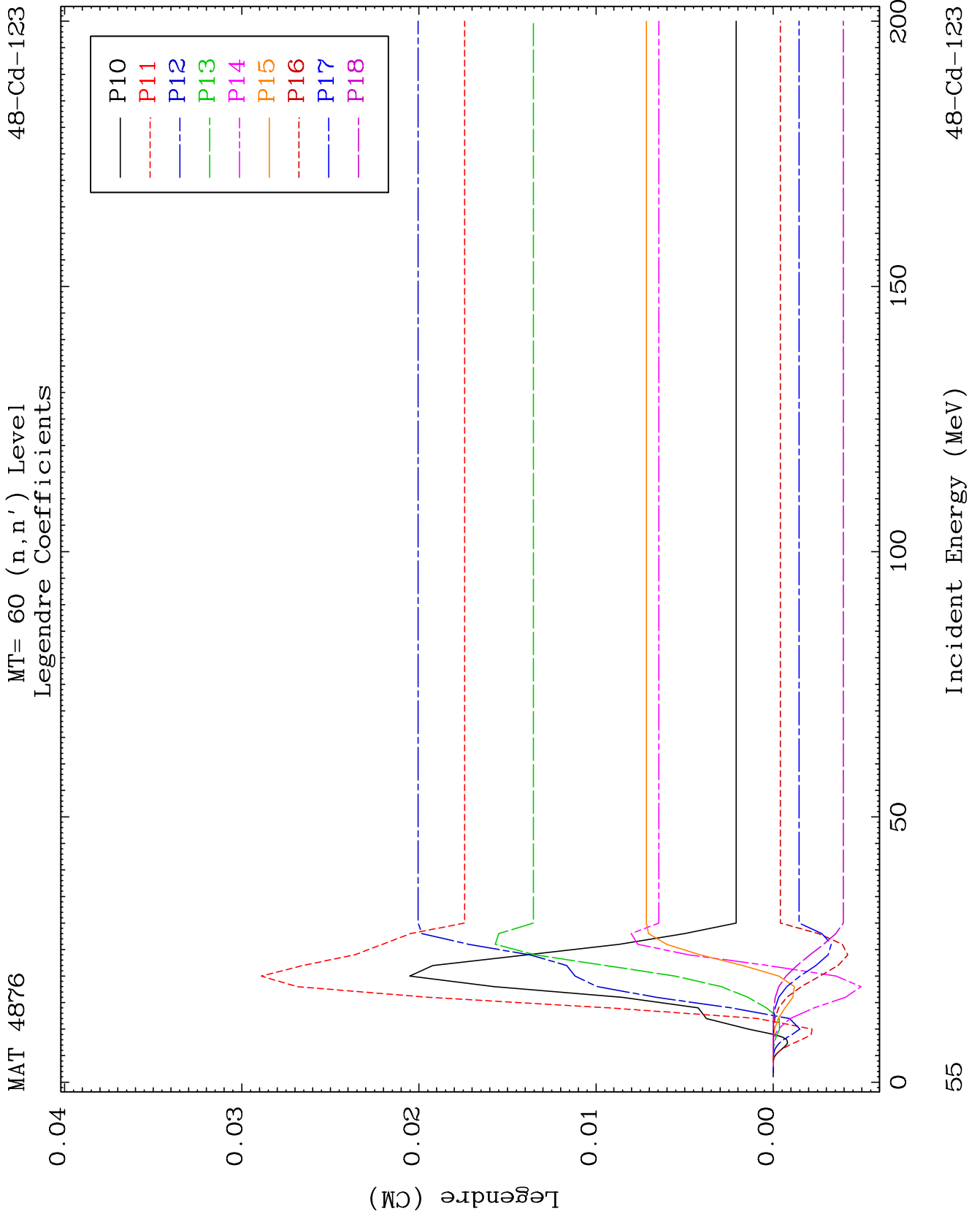
48-Cd-123



54

Incident Energy (MeV)

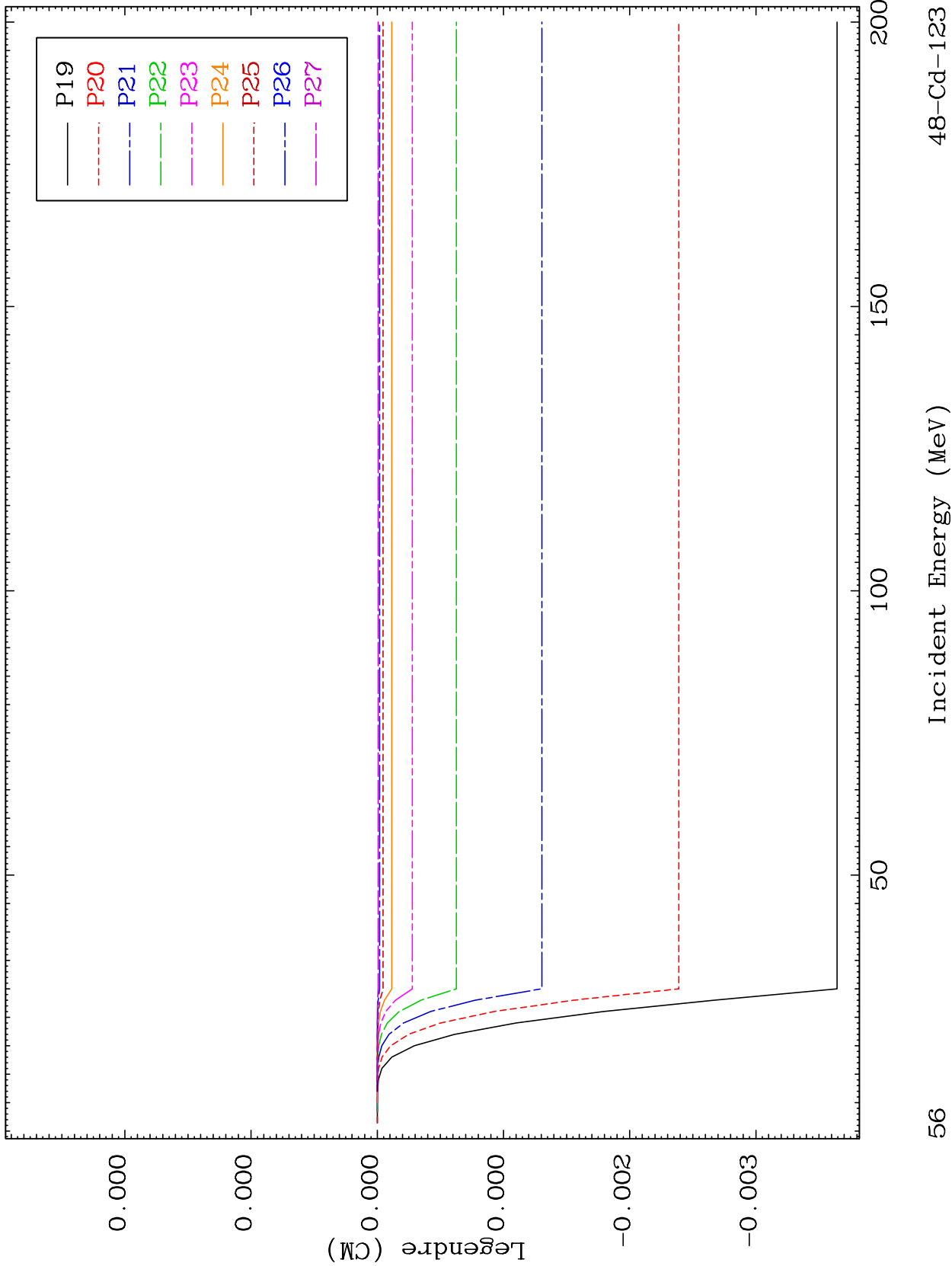
48-Cd-123



MAT 4876

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

48-Cd-123



56

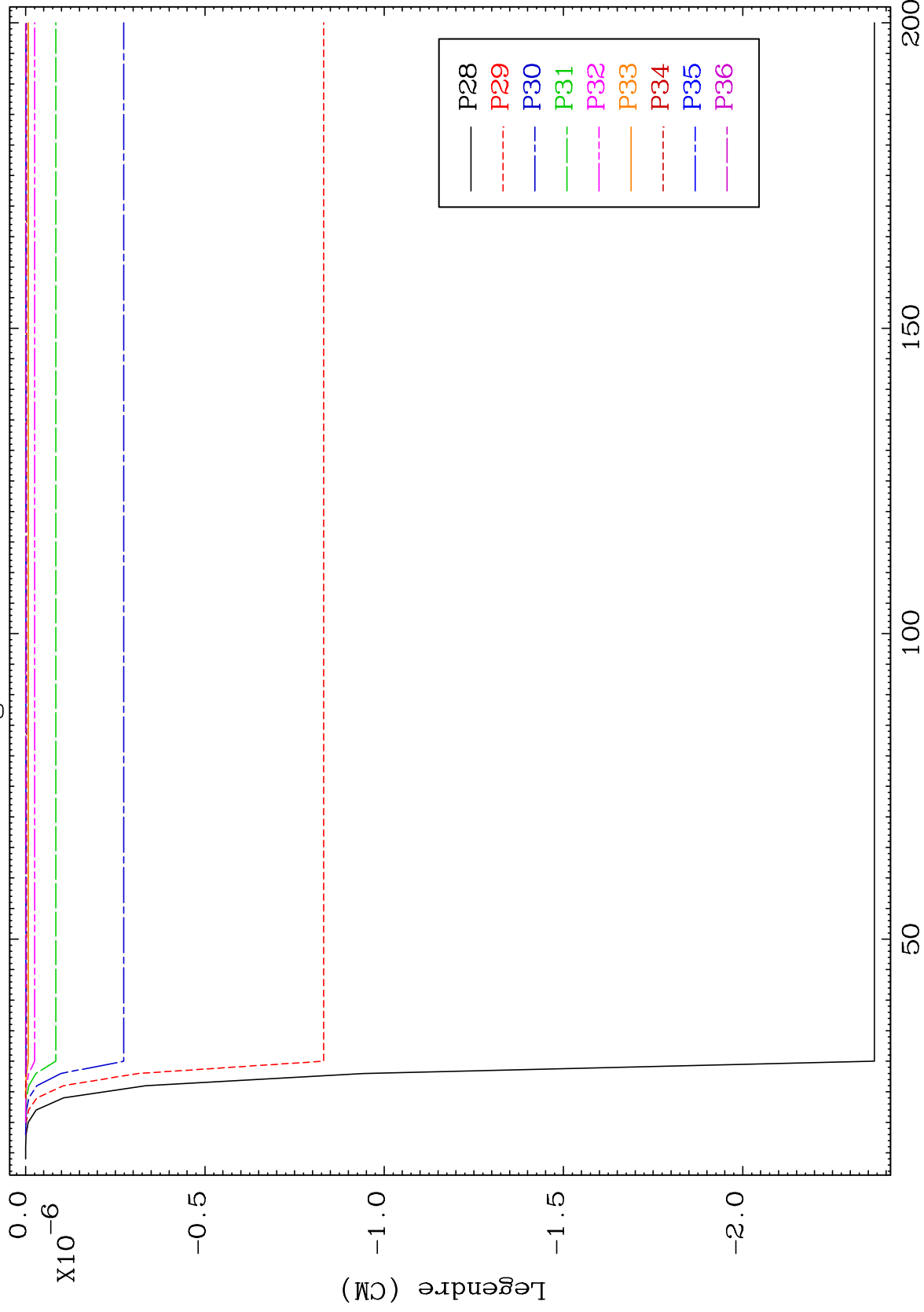
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



57

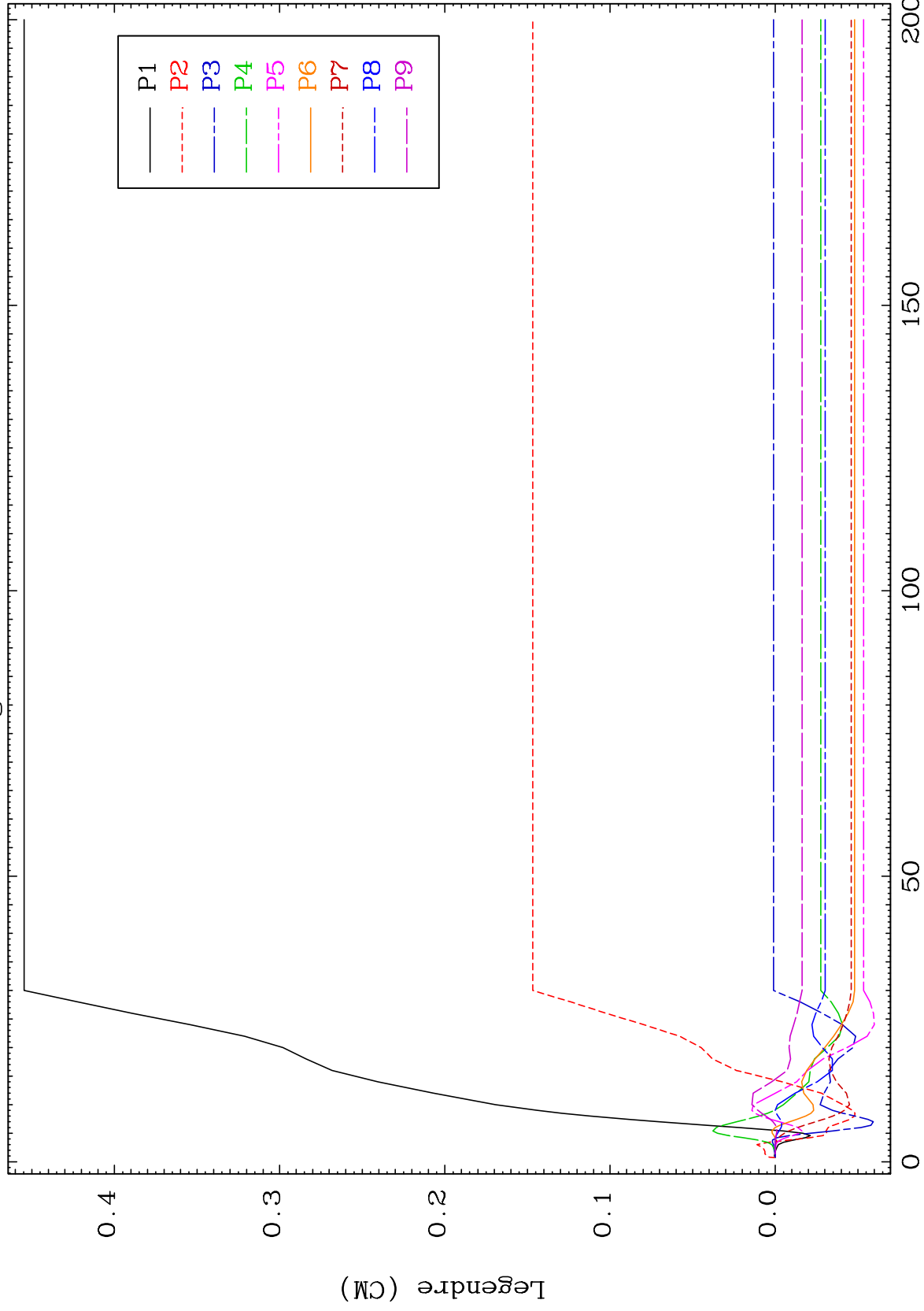
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

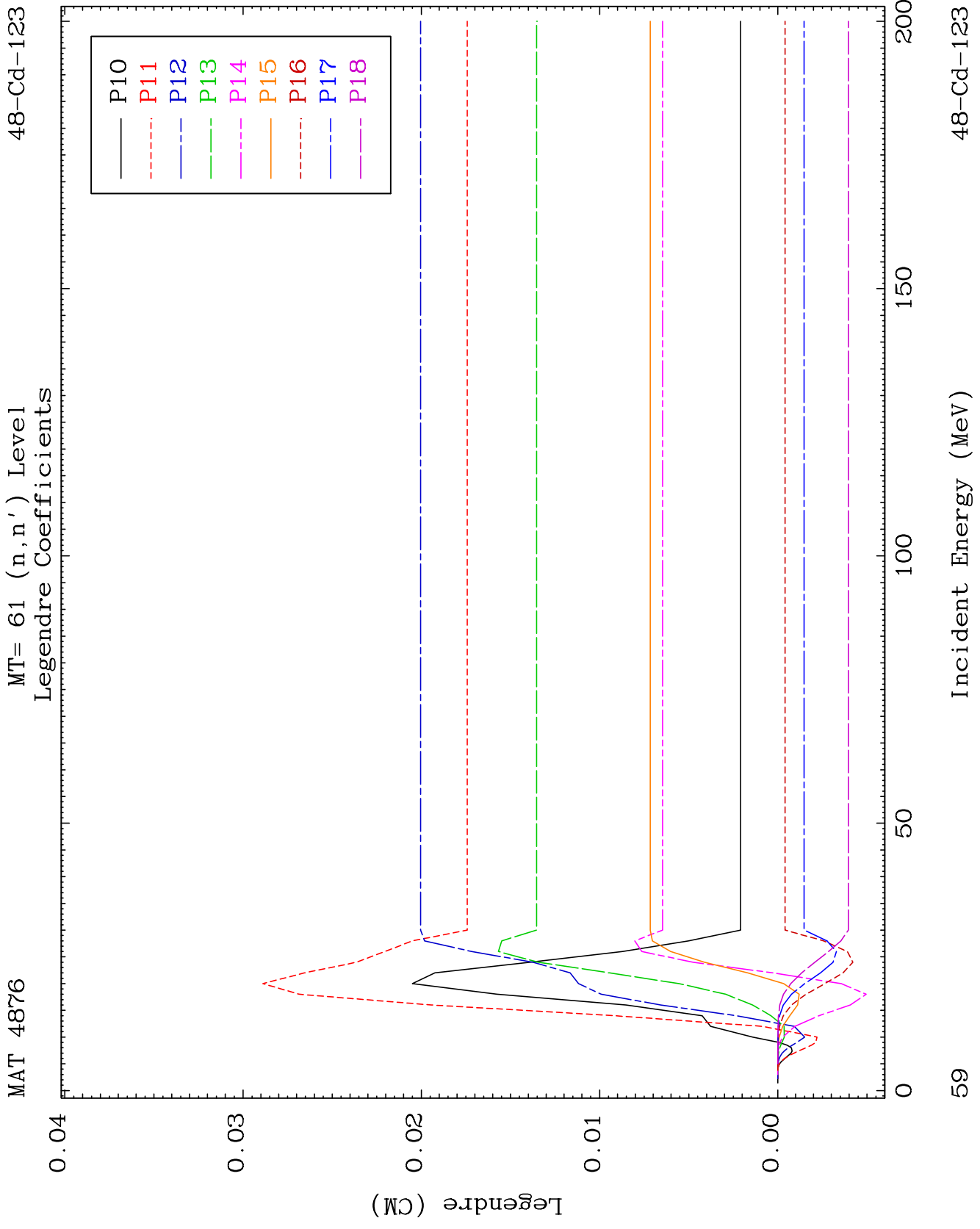
48-Cd-123



48-Cd-123

Incident Energy (MeV)

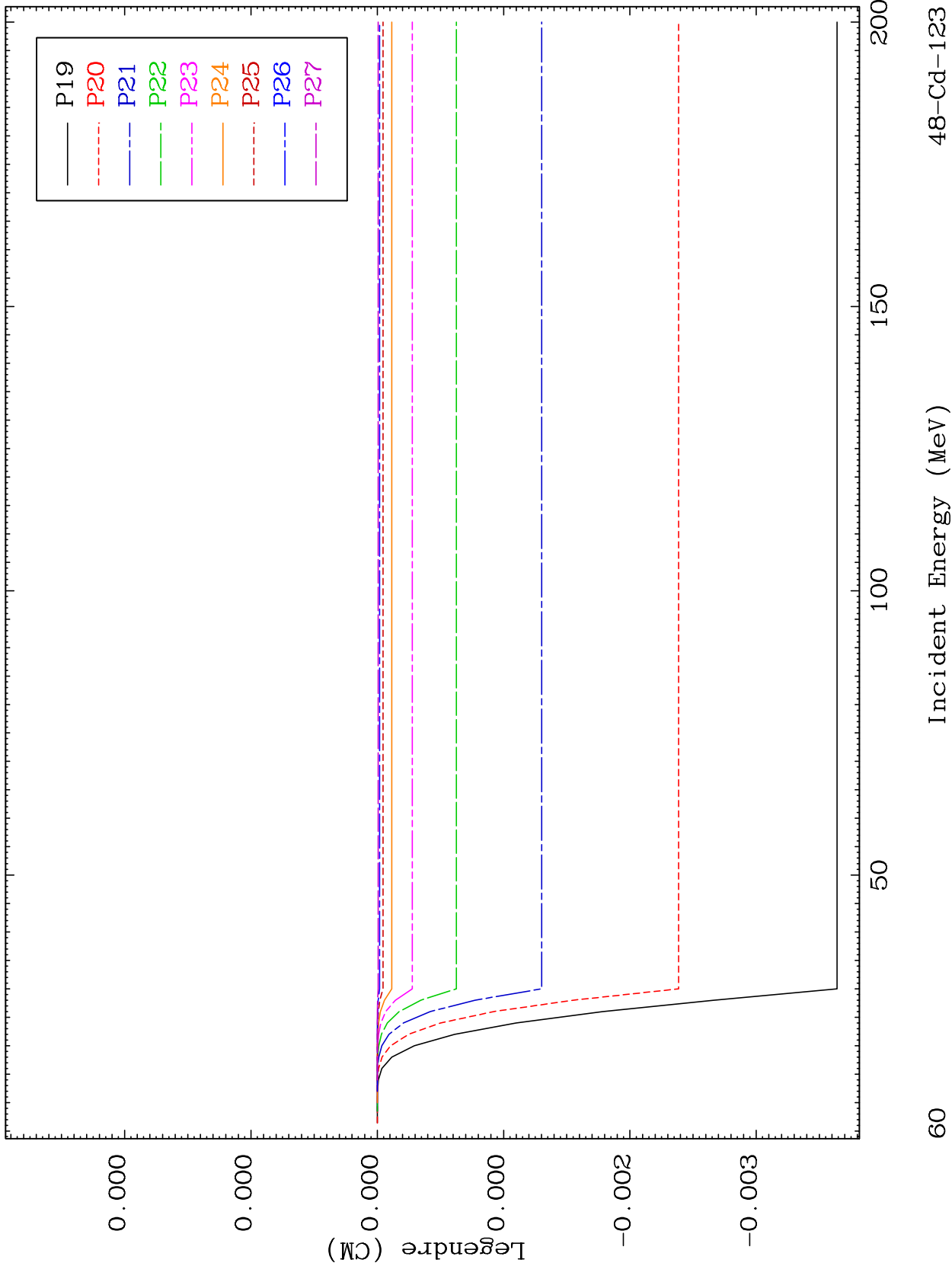
58



MAT 4876

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

48-Cd-123



60

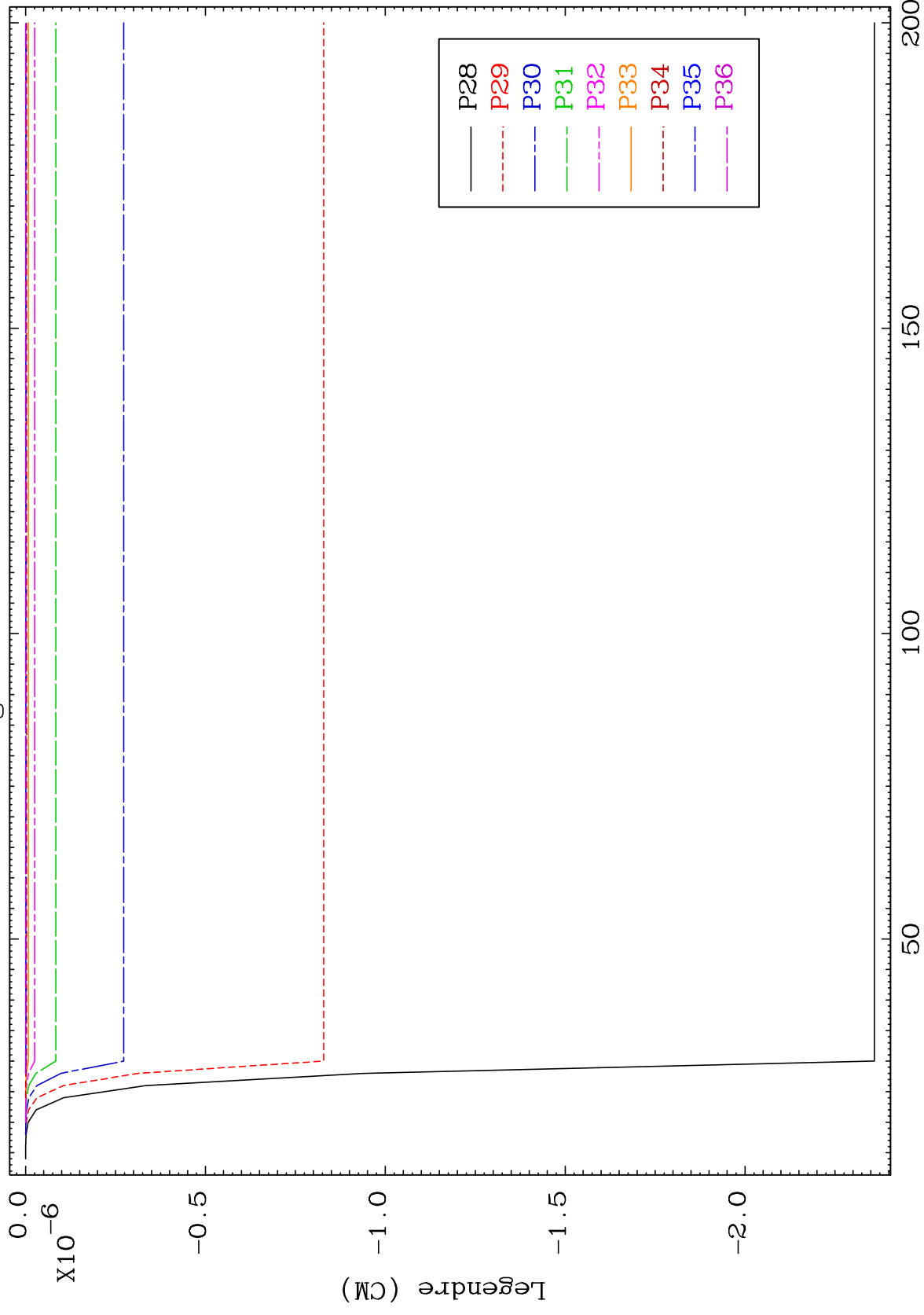
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



61

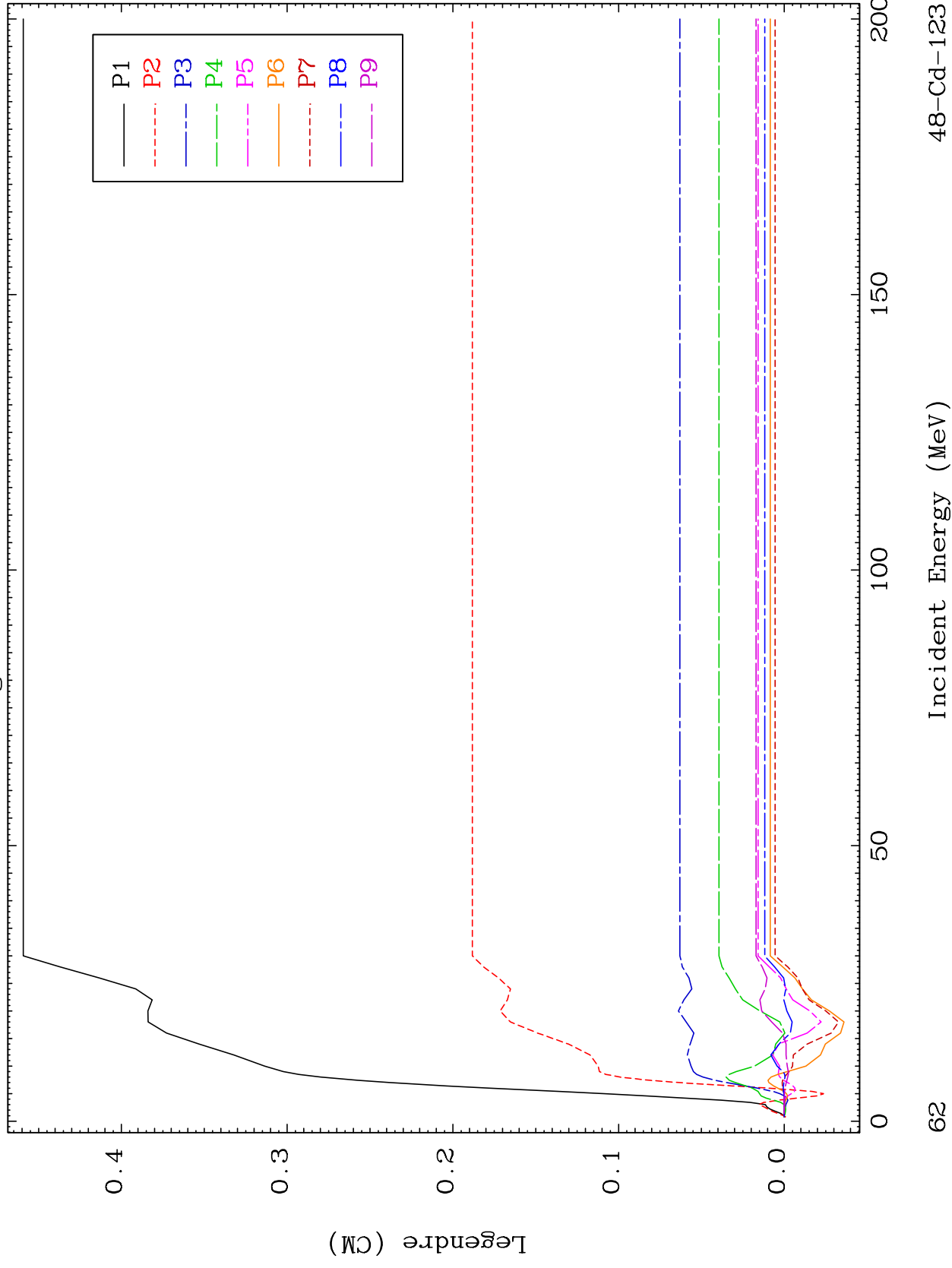
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

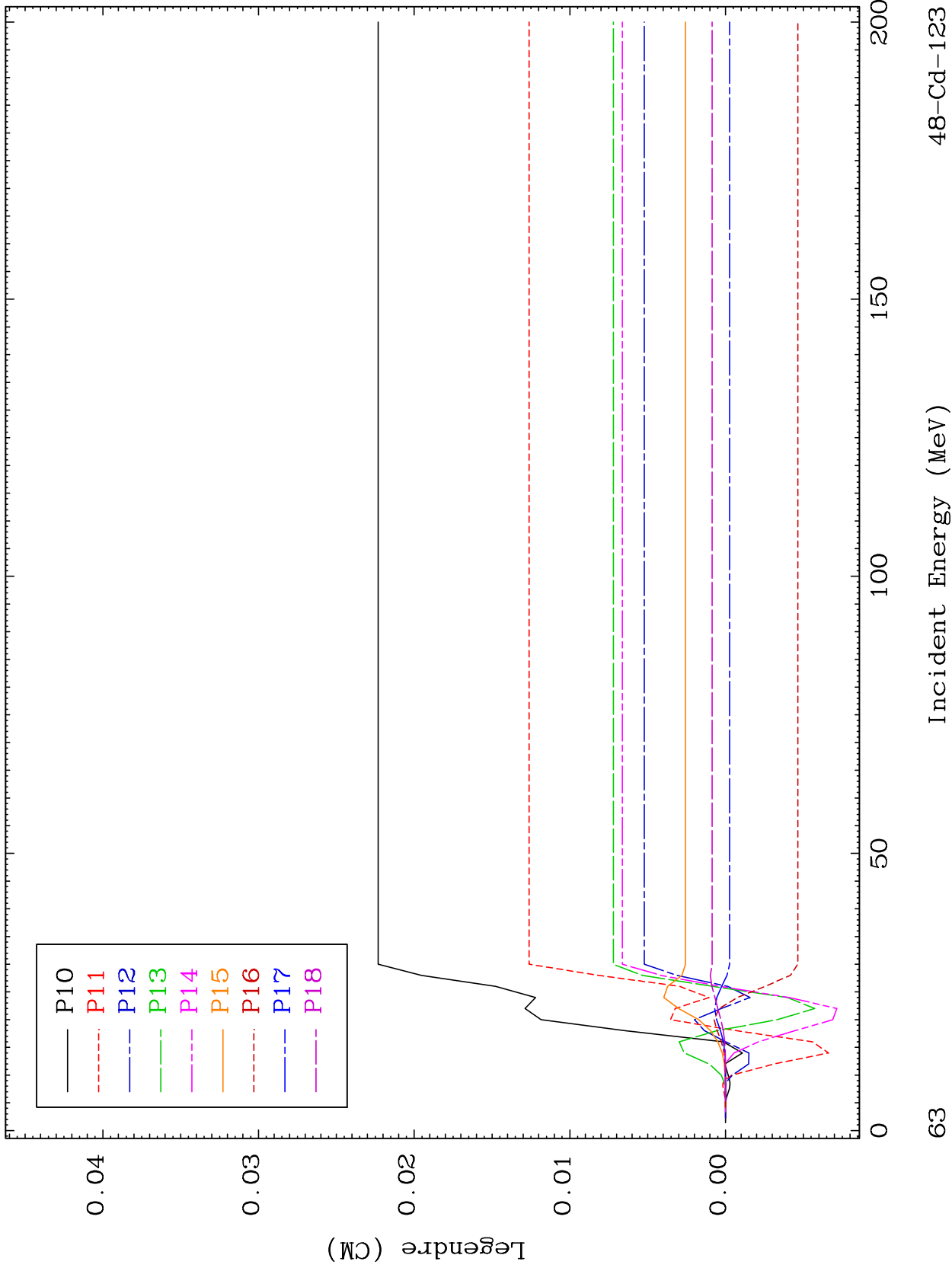
Incident Energy (MeV)

62

MAT 4876

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

48-Cd-123



48-Cd-123

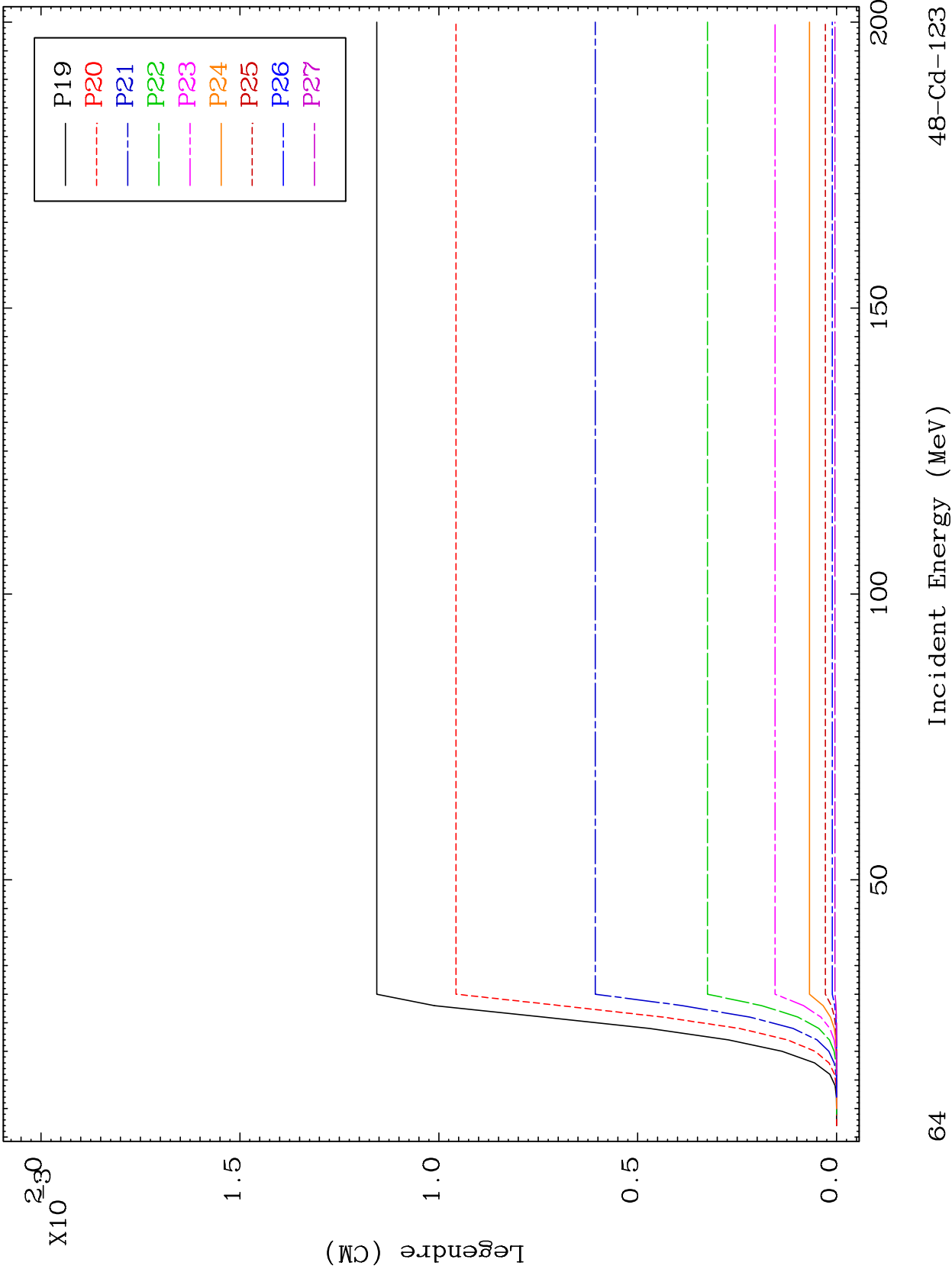
Incident Energy (MeV)

63

MAT 4876

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

48-Cd-123



64

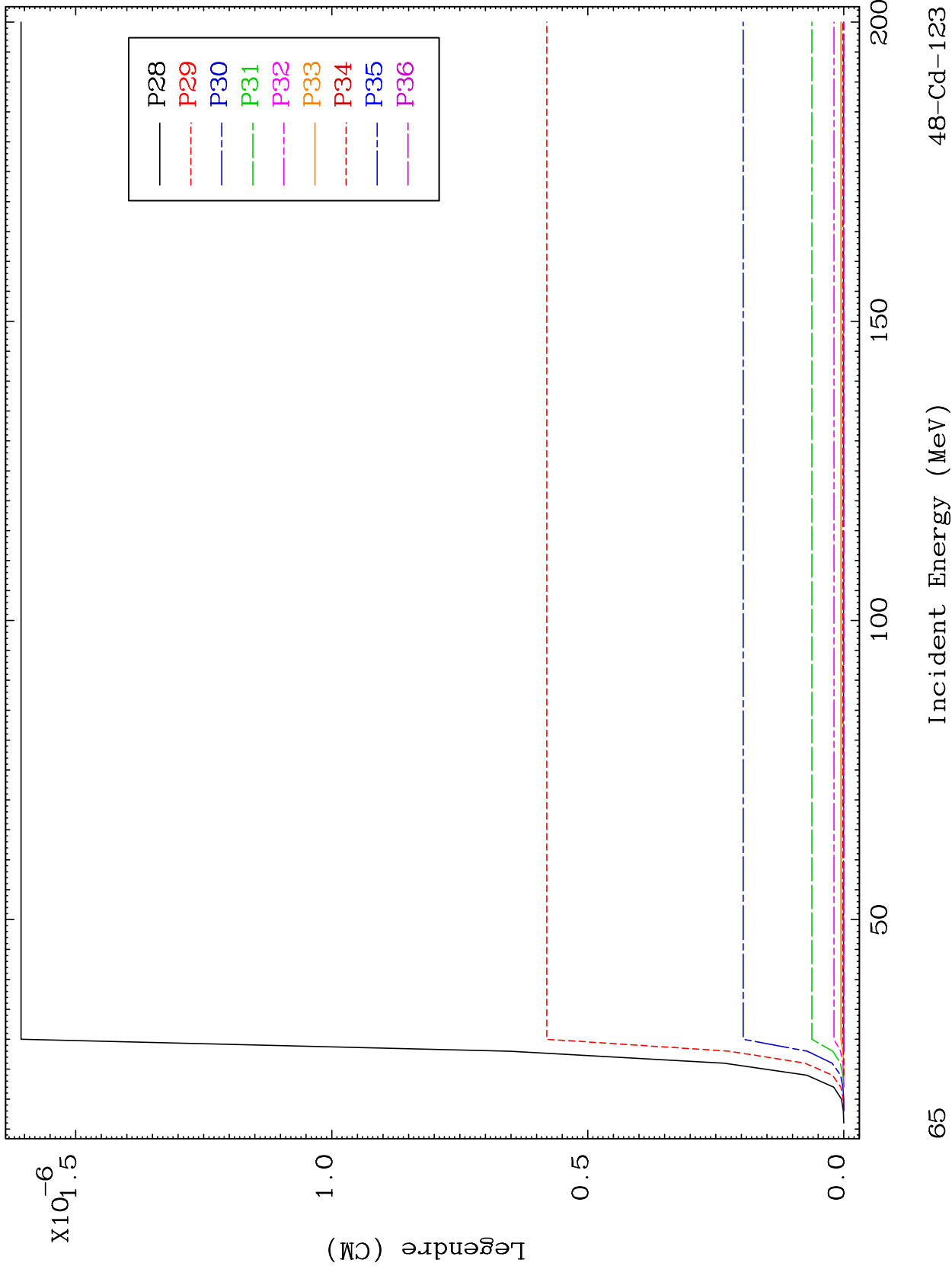
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

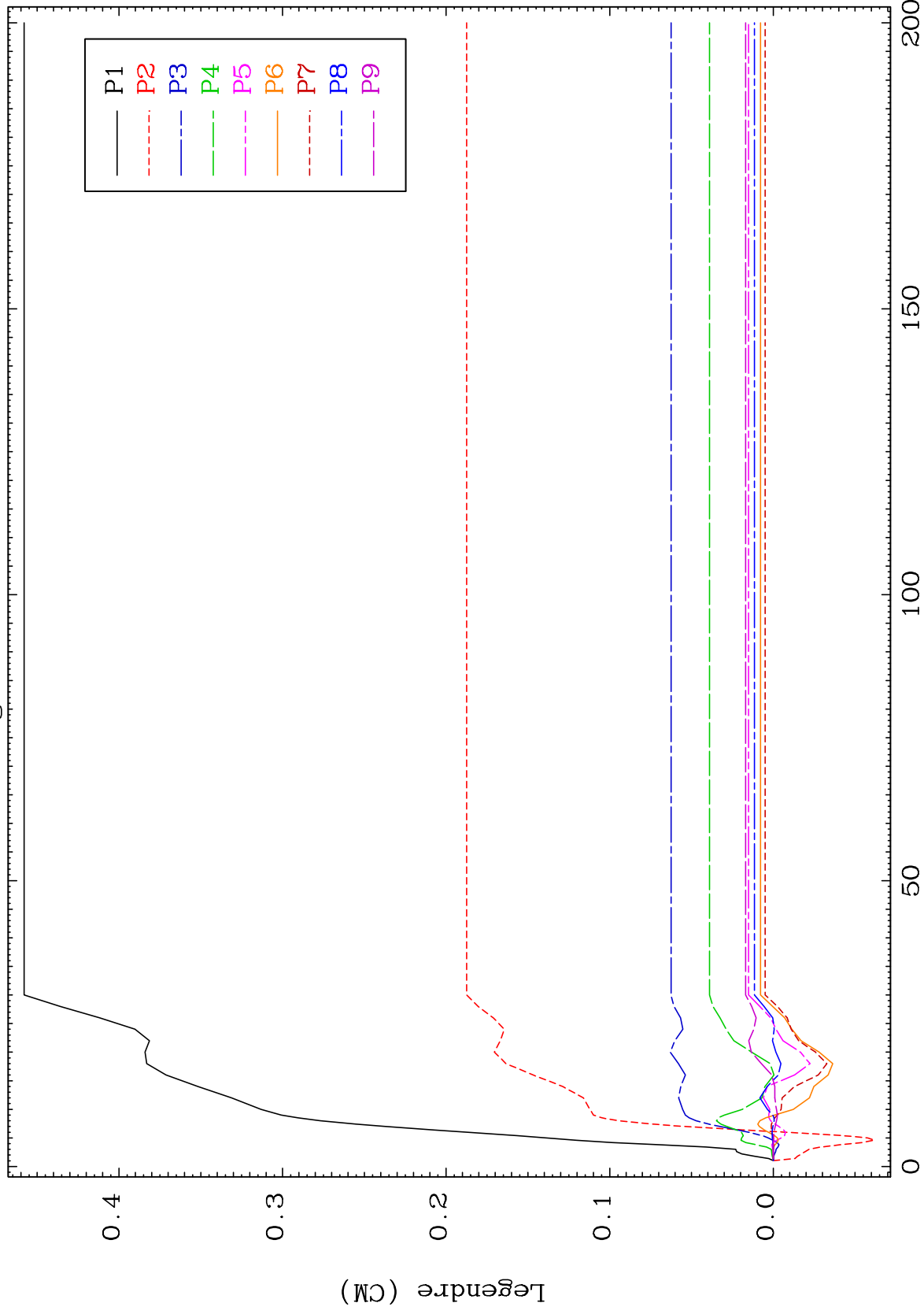
48-Cd-123



MAT 4876

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

48-Cd-123



66

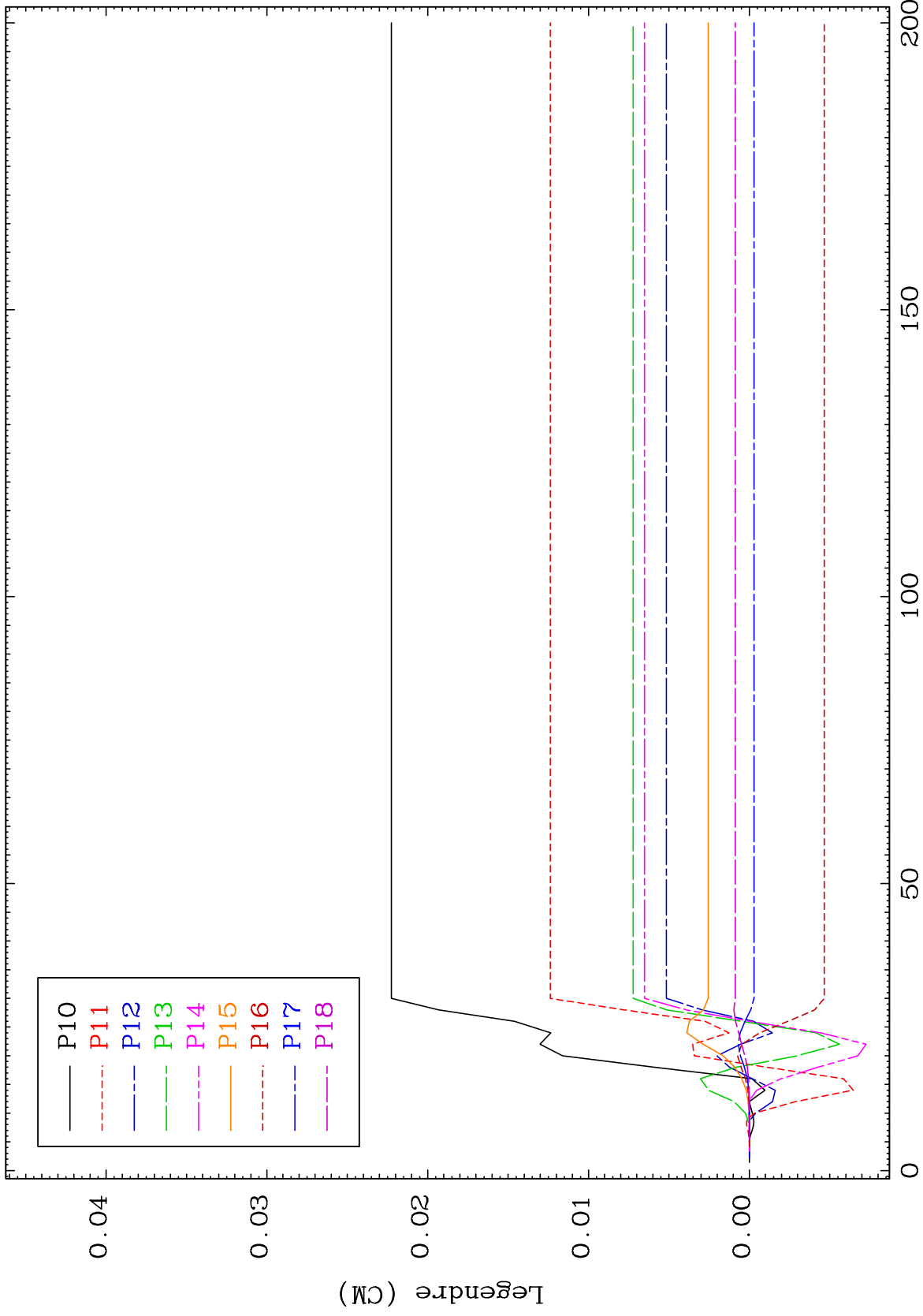
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



Incident Energy (MeV)

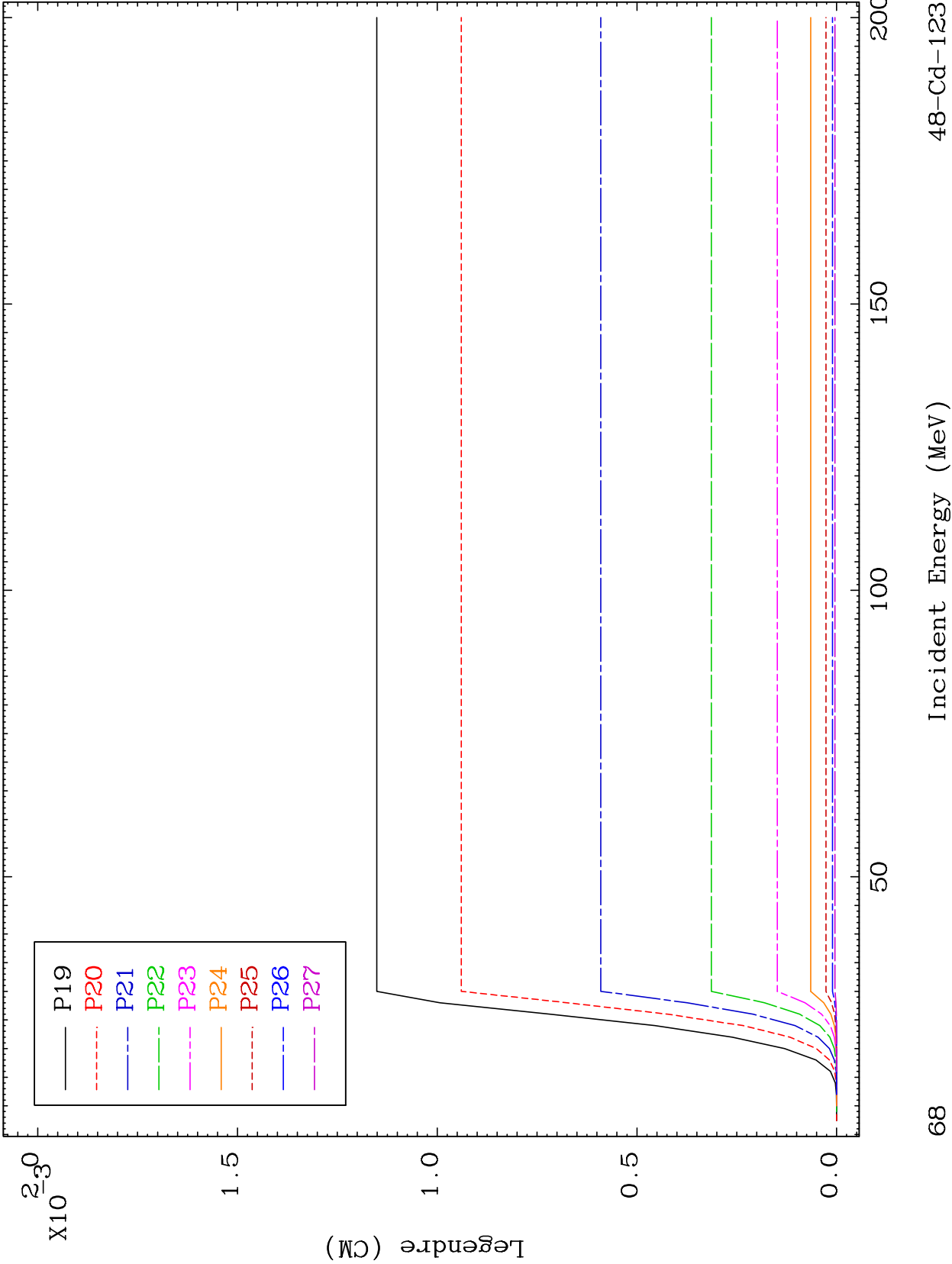
48-Cd-123

67

MAT 4876

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

48-Cd-123



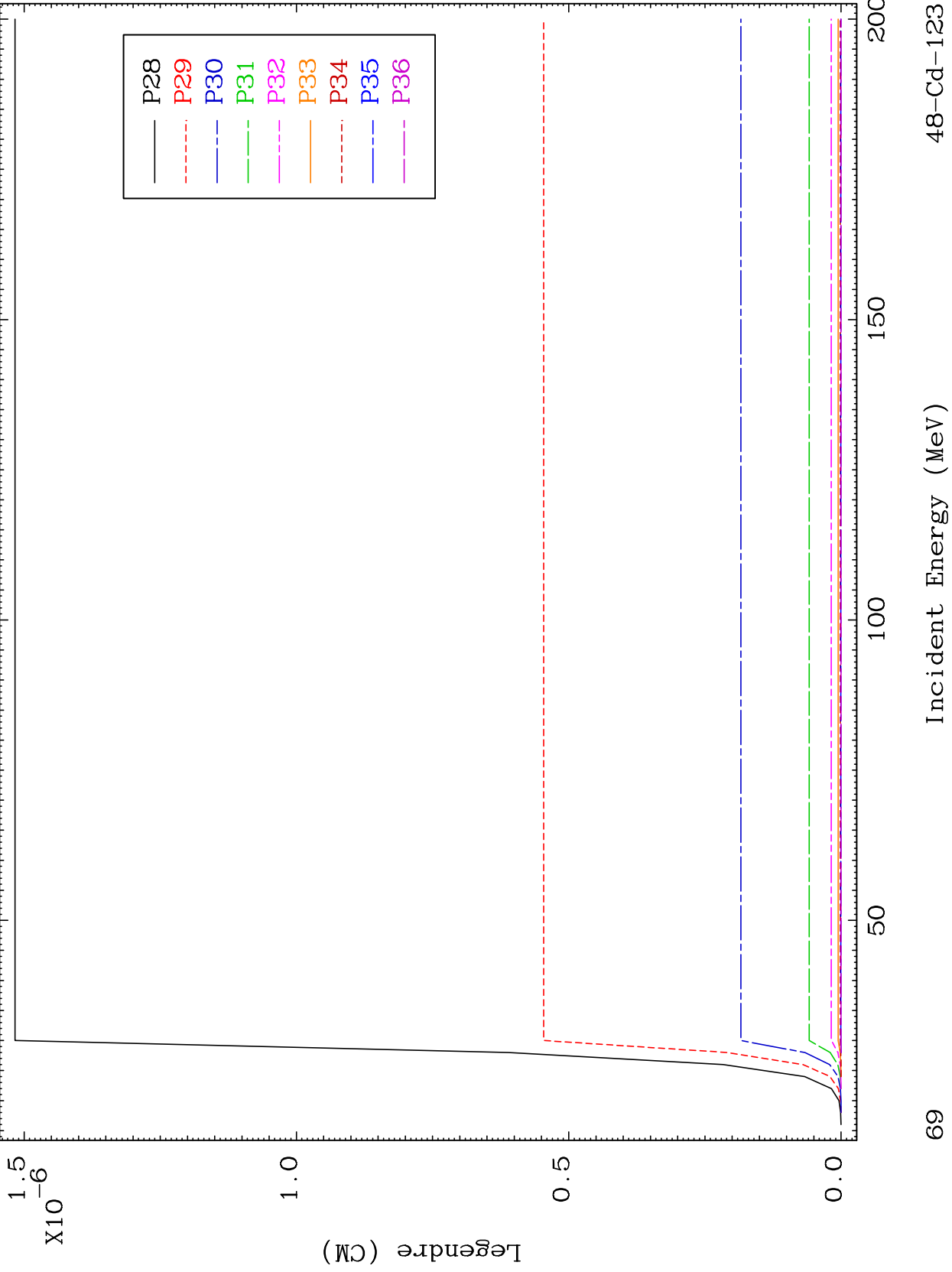
68

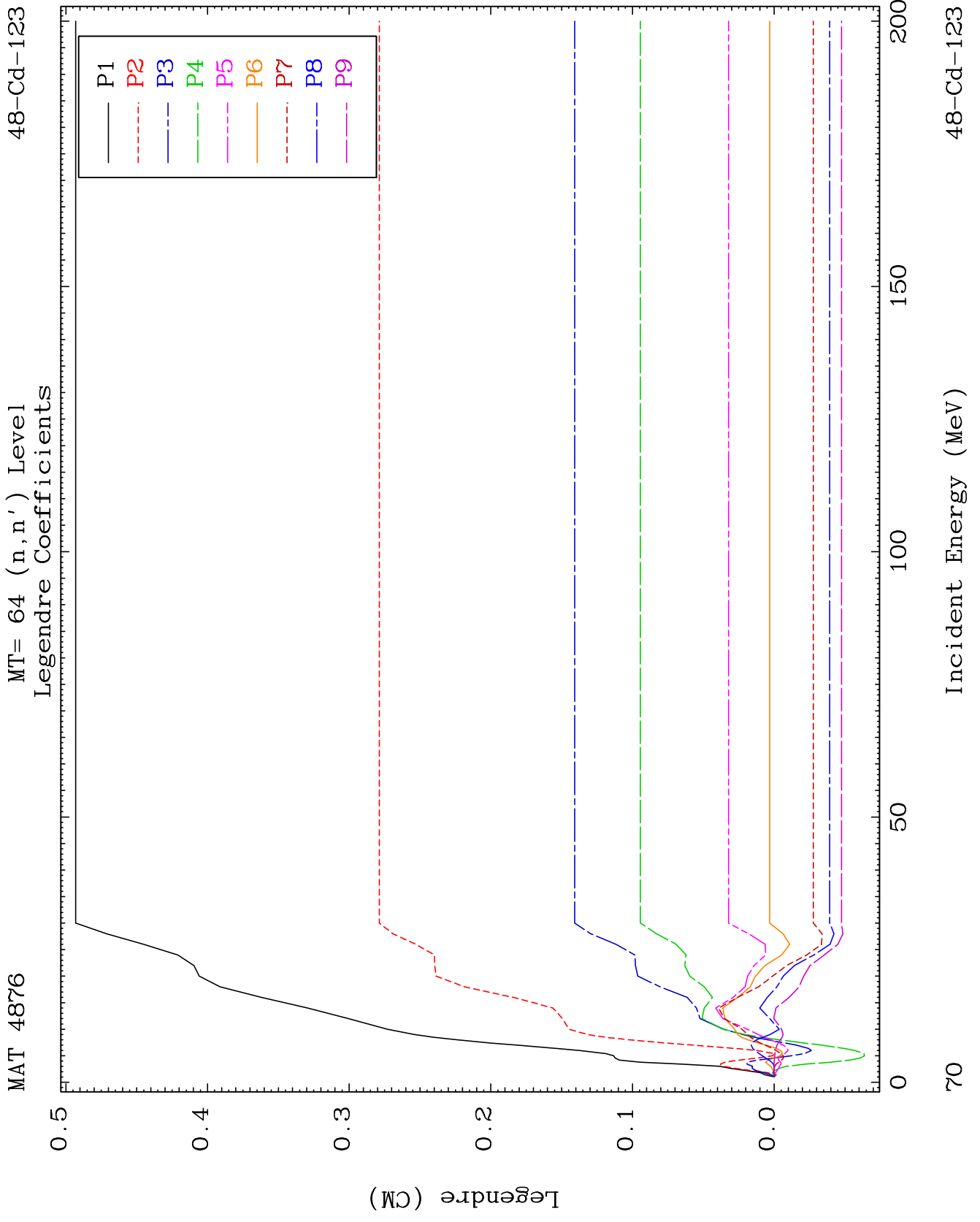
48-Cd-123

MAT 4876

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

48-Cd-123

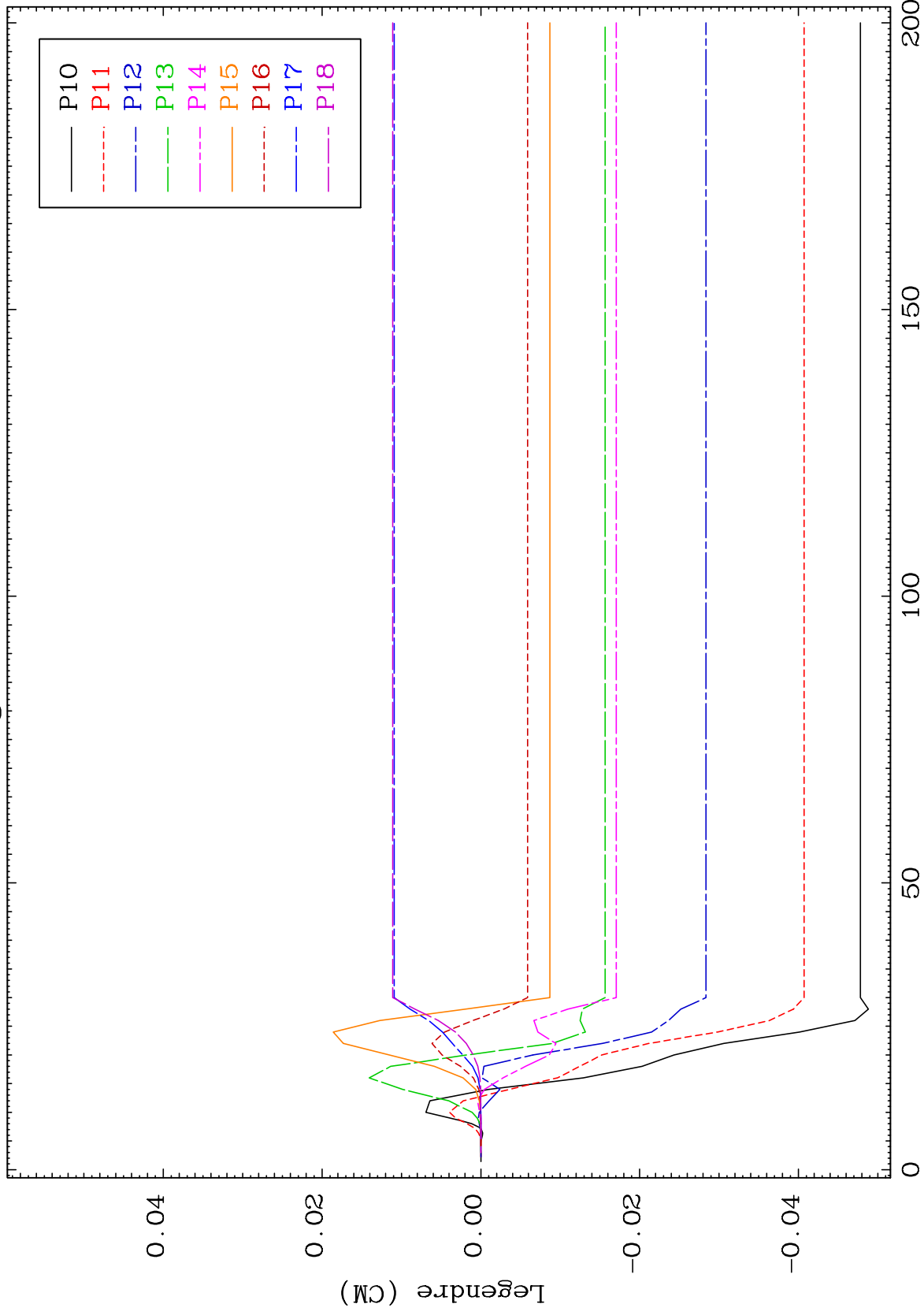




MAT 4876

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

48-Cd-123



71

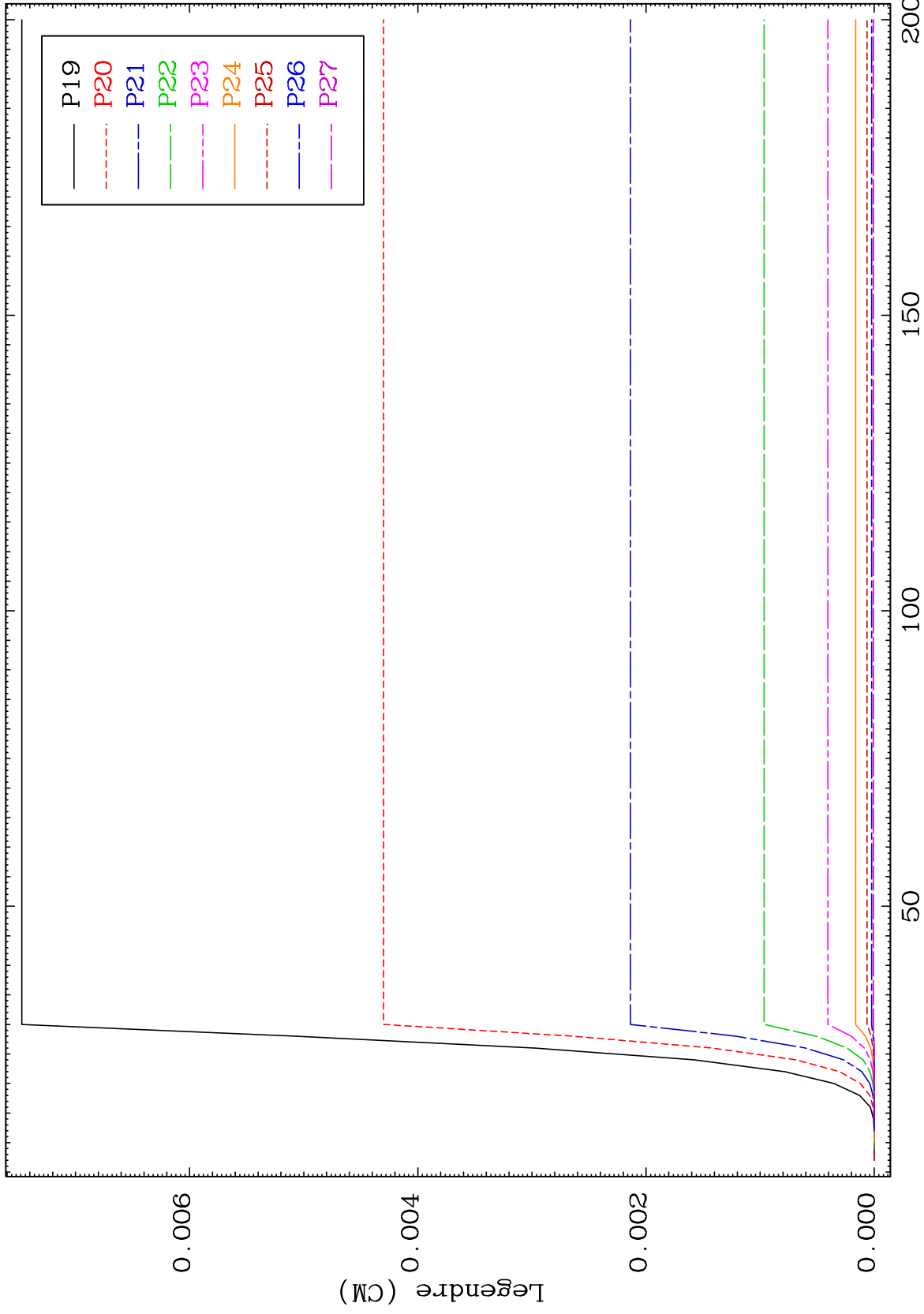
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



72

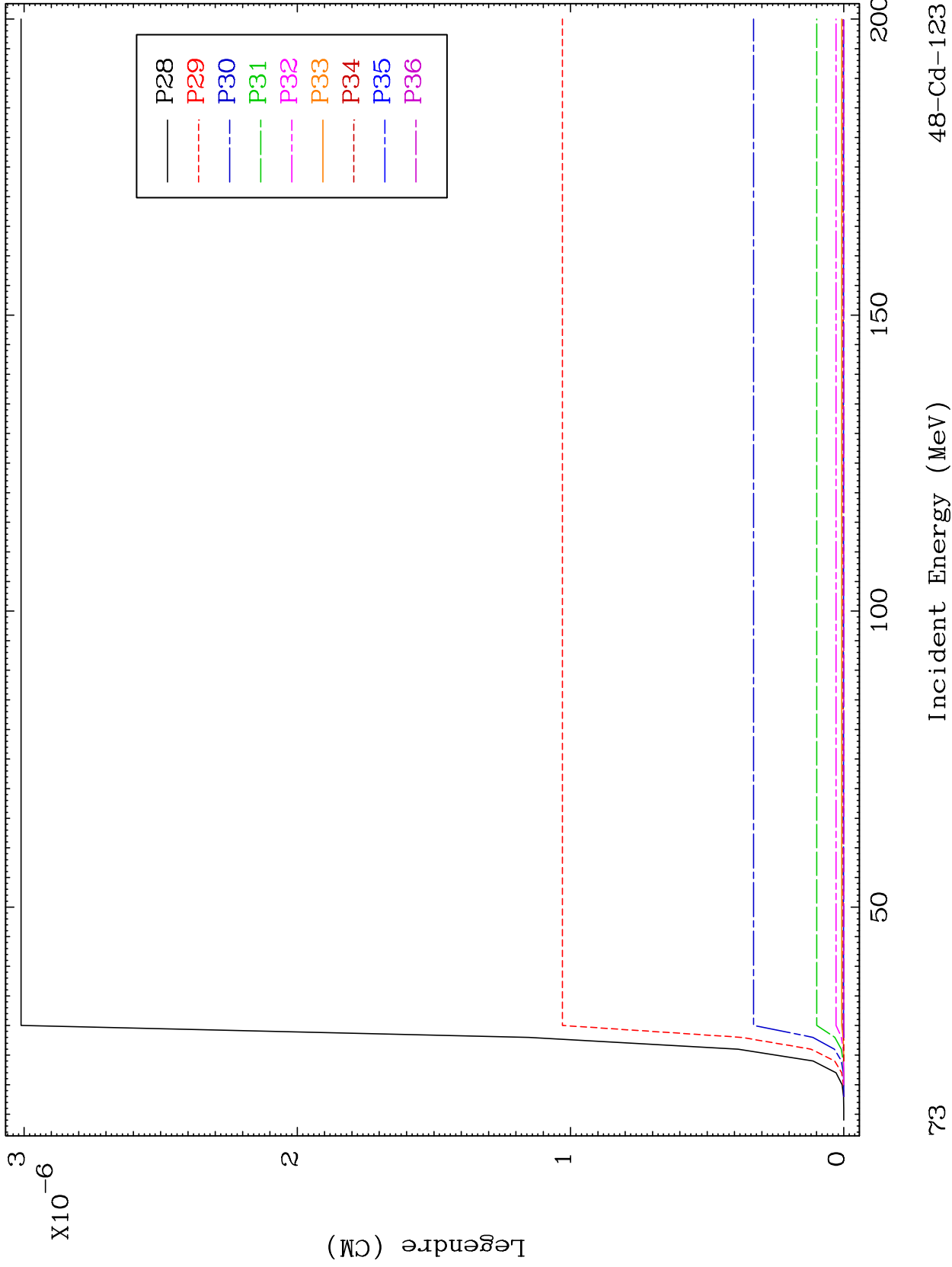
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

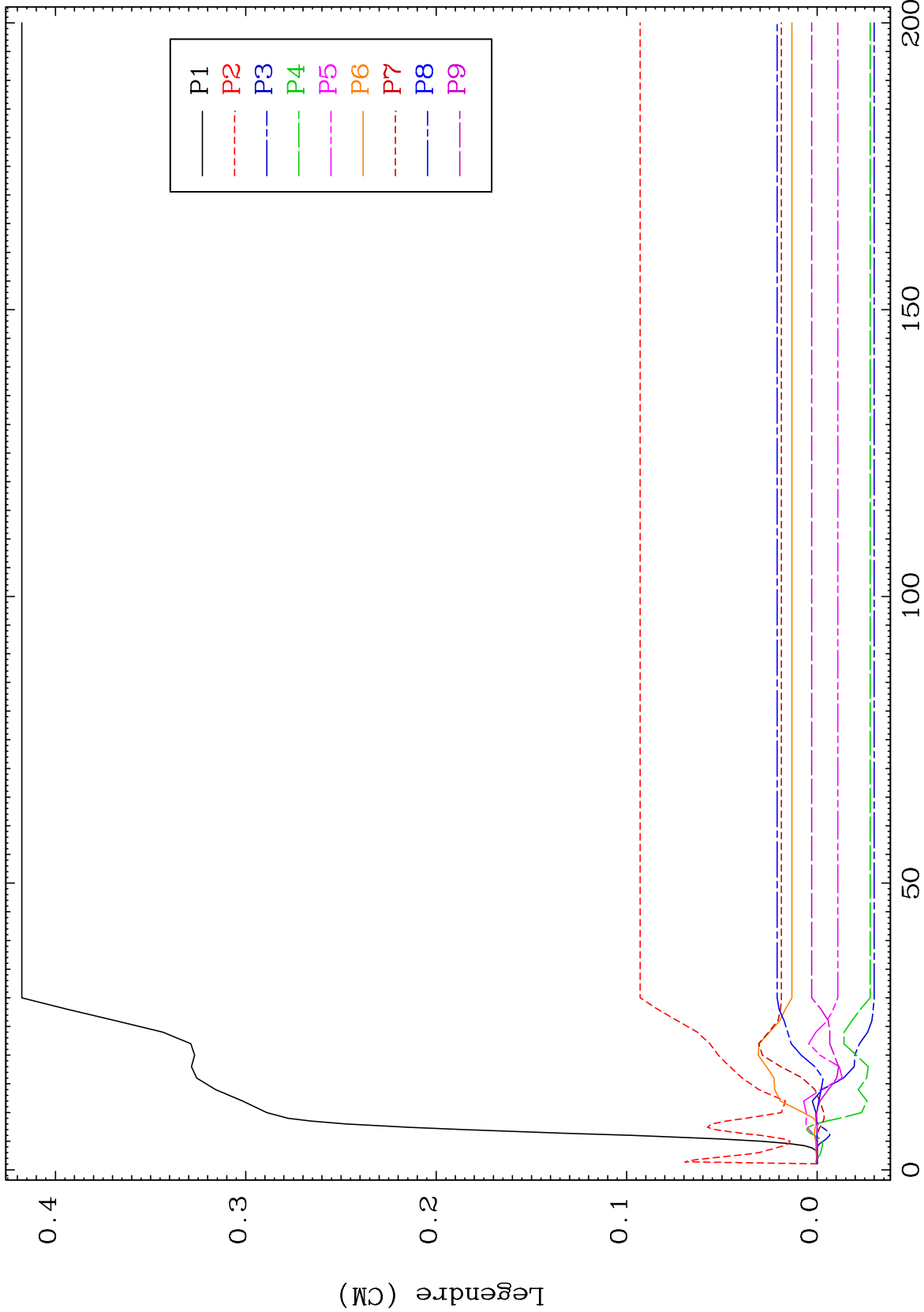
48-Cd-123



MAT 4876

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

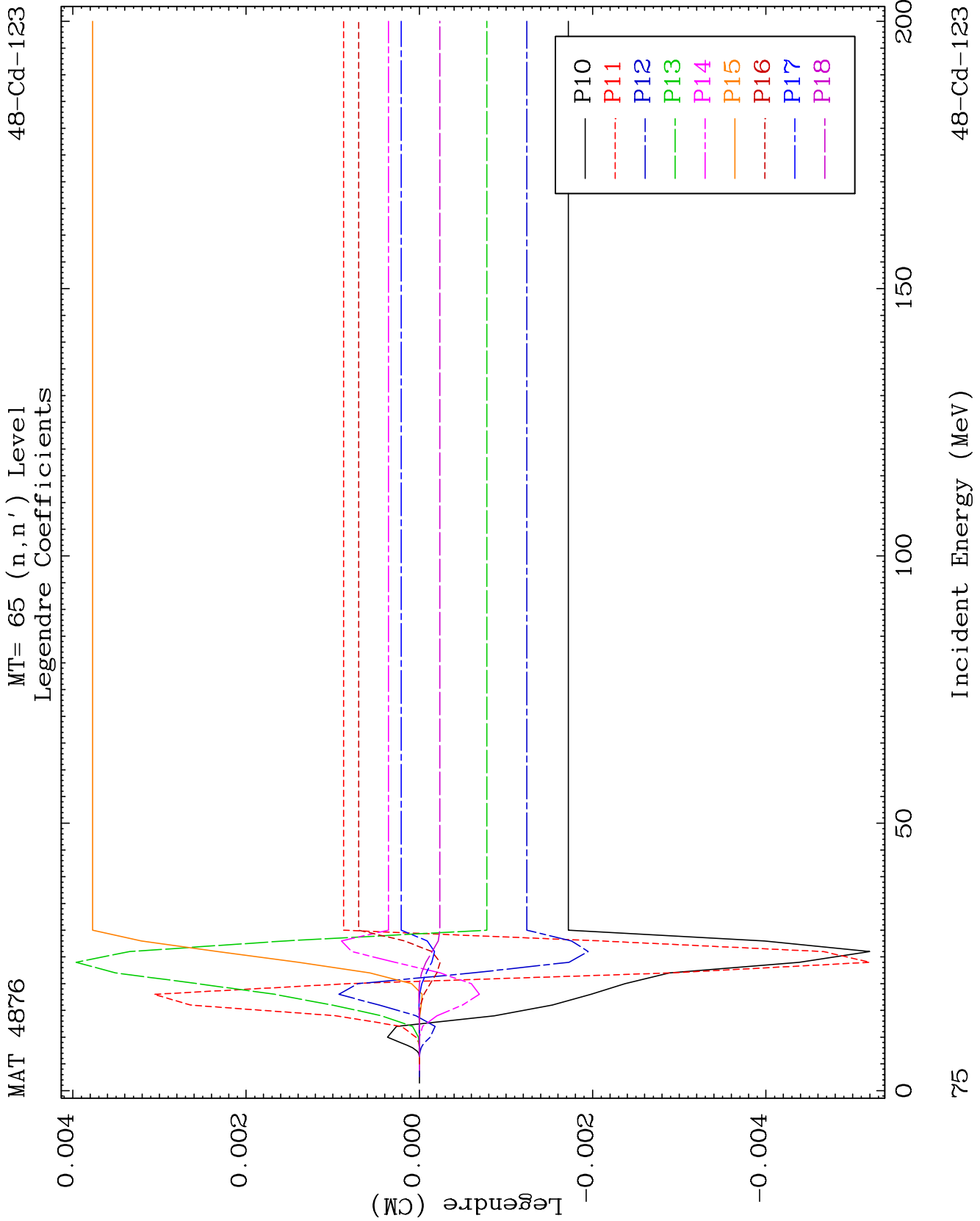
48-Cd-123



74

Incident Energy (MeV)

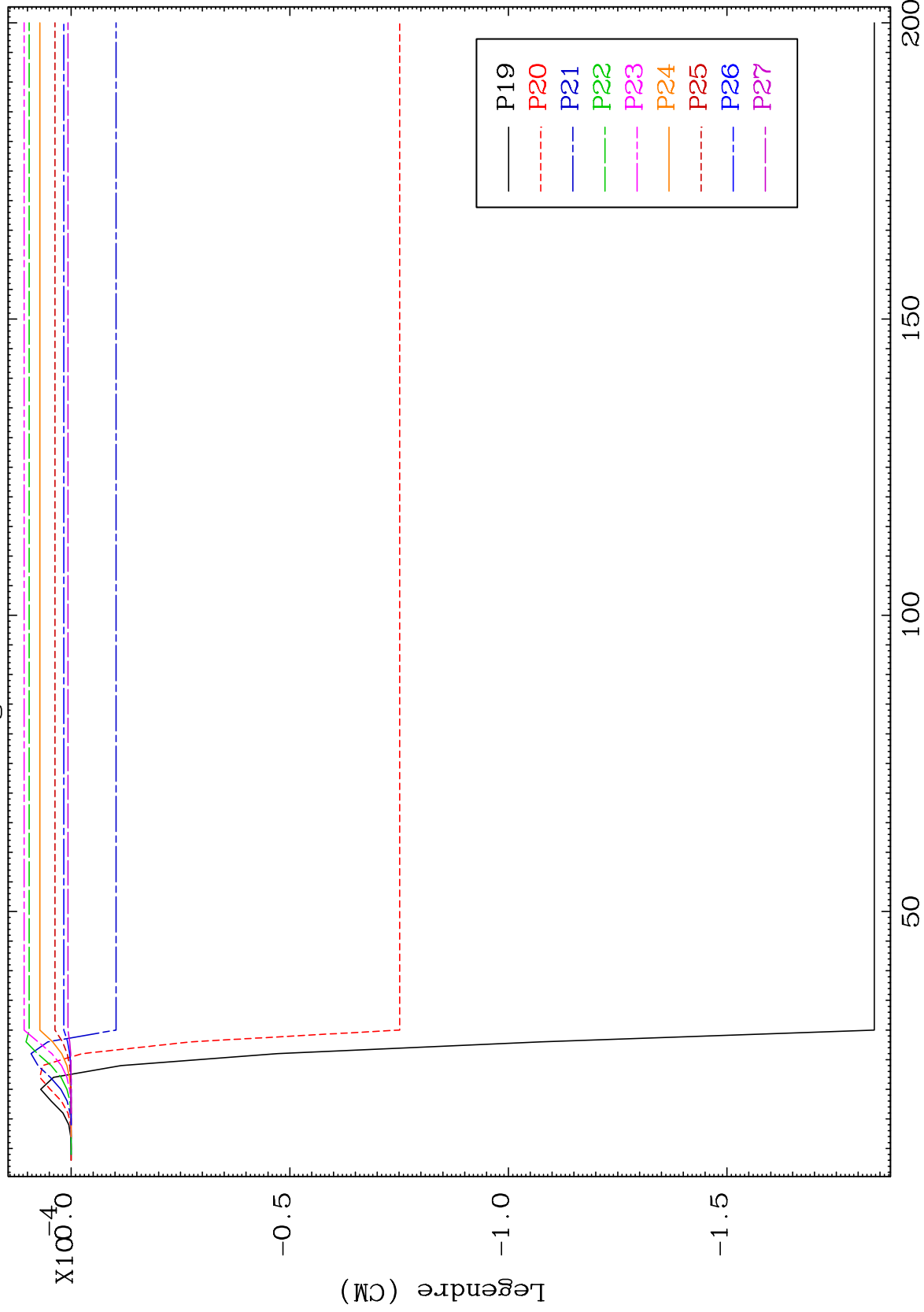
48-Cd-123



MAT 4876

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

48-Cd-123



76

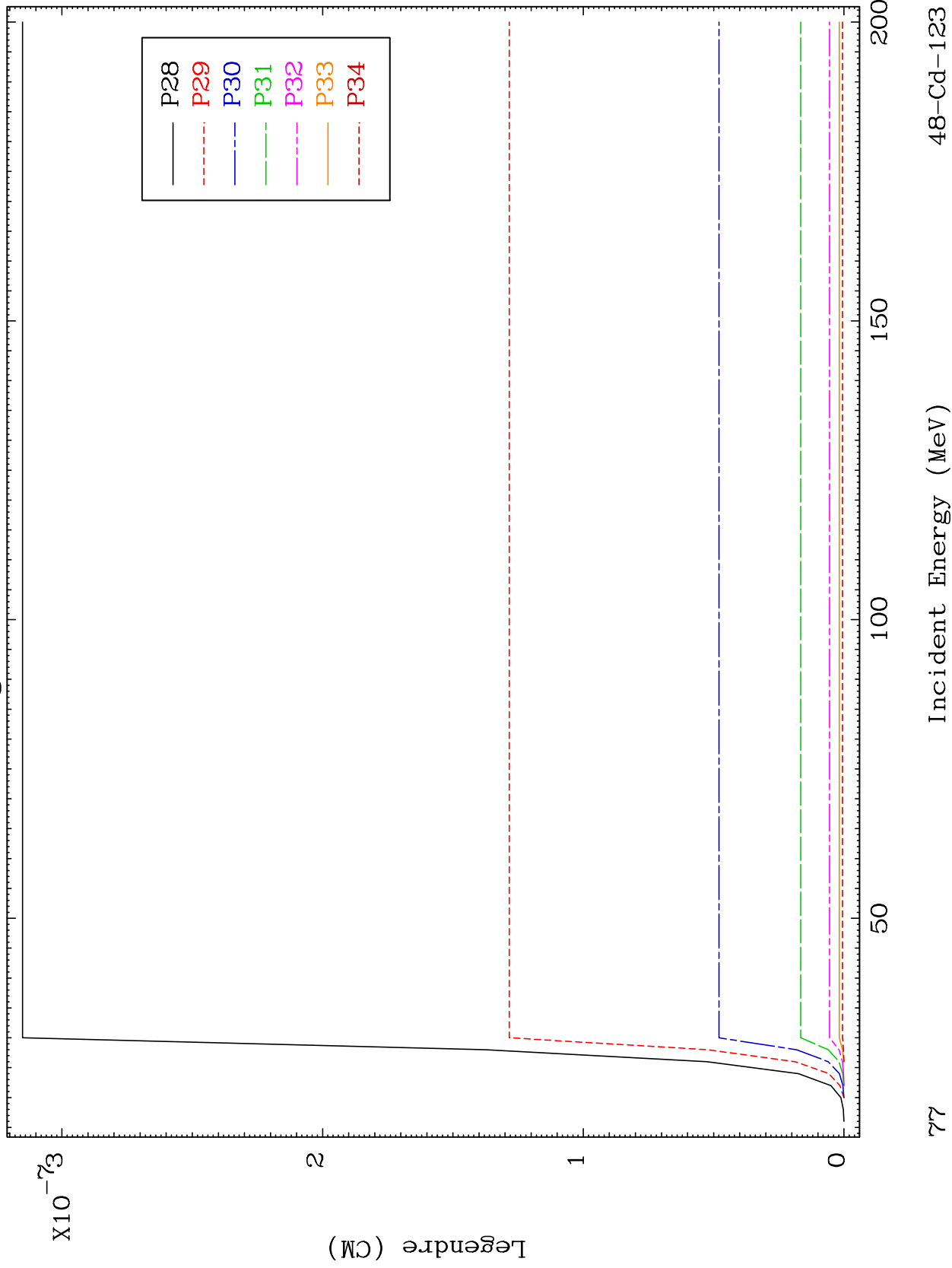
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



77

Incident Energy (MeV)

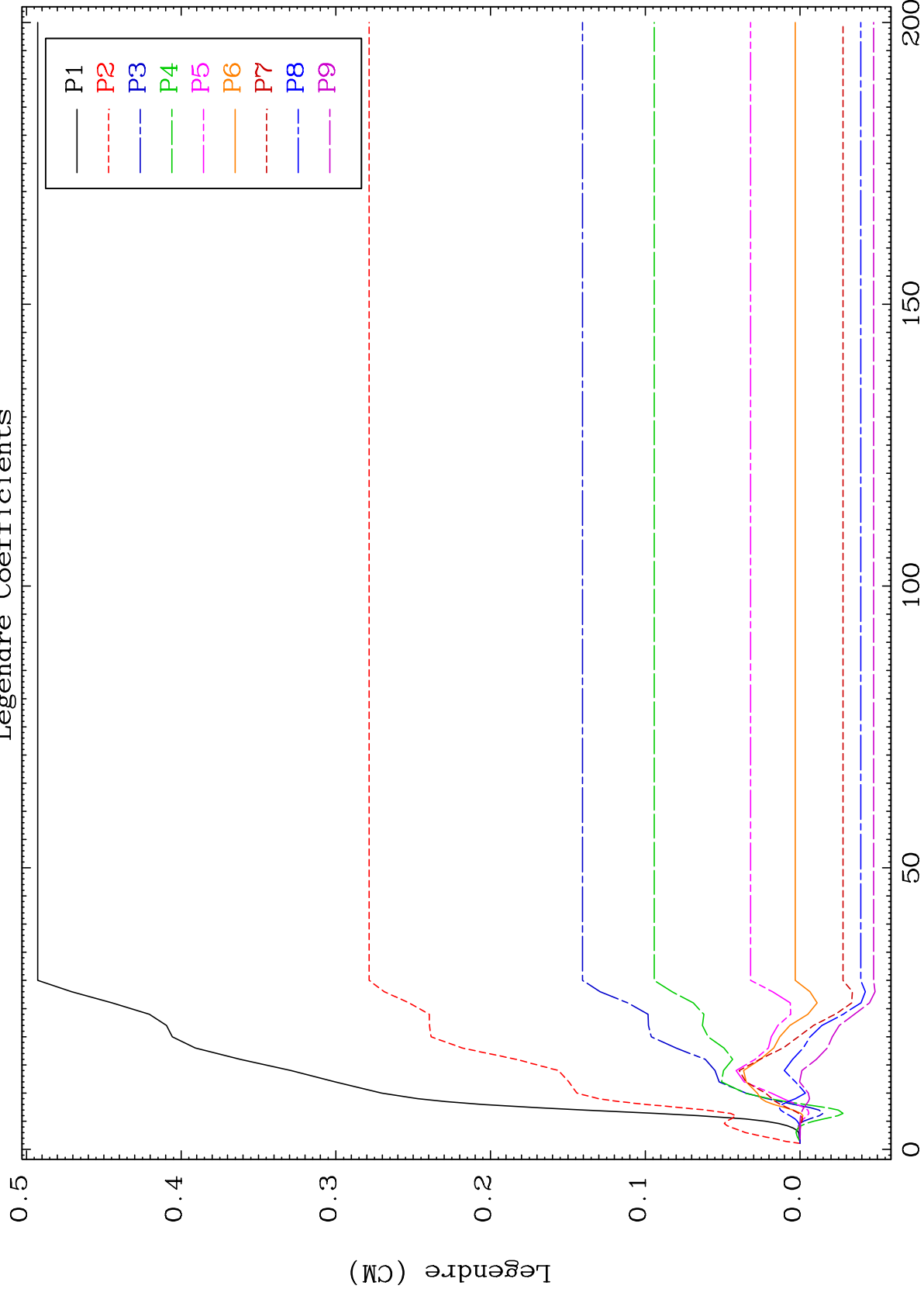
48-Cd-123

MAT 4876

MT= 66 (n,n') Level

48-Cd-123

Legendre Coefficients



78

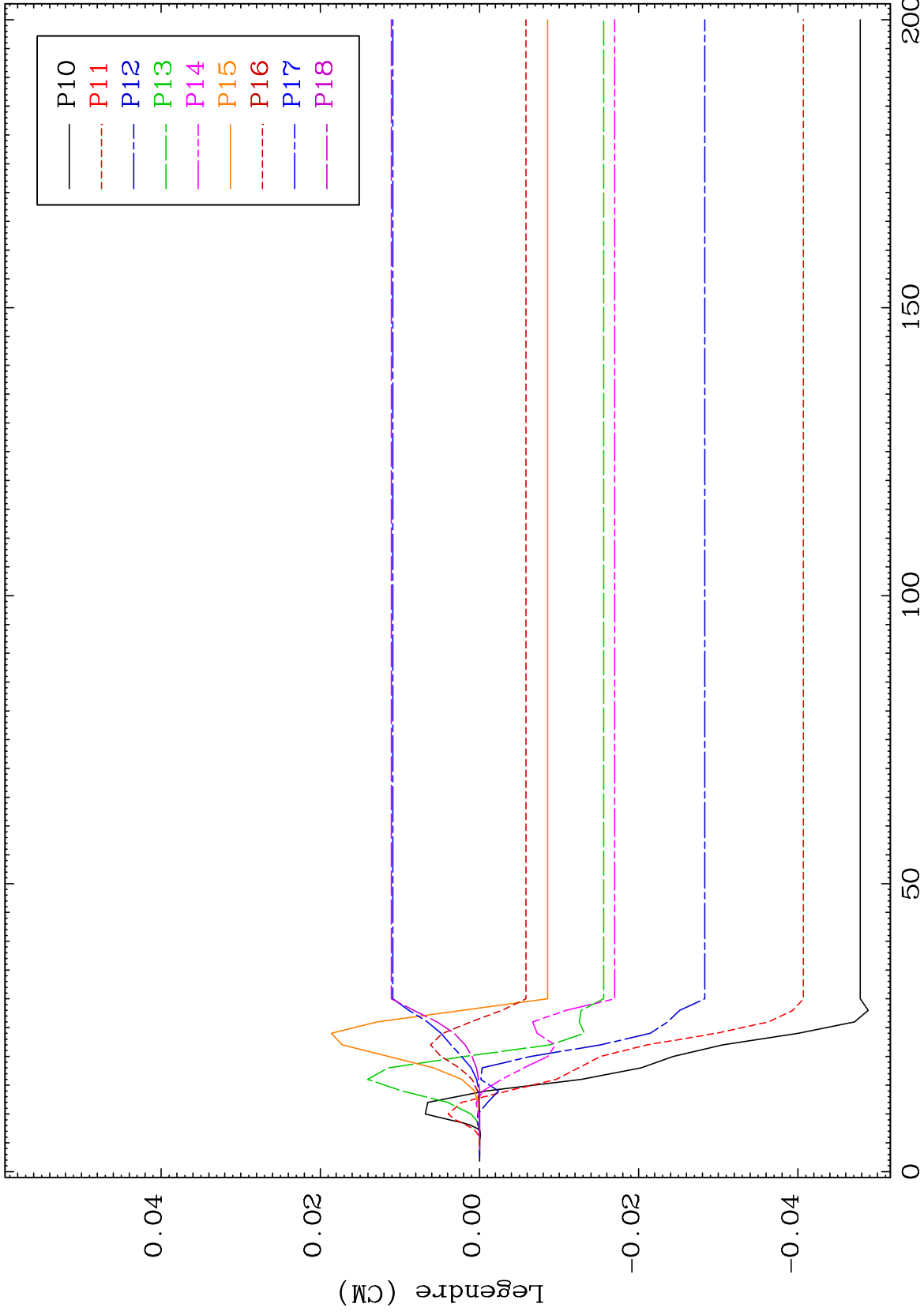
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



79

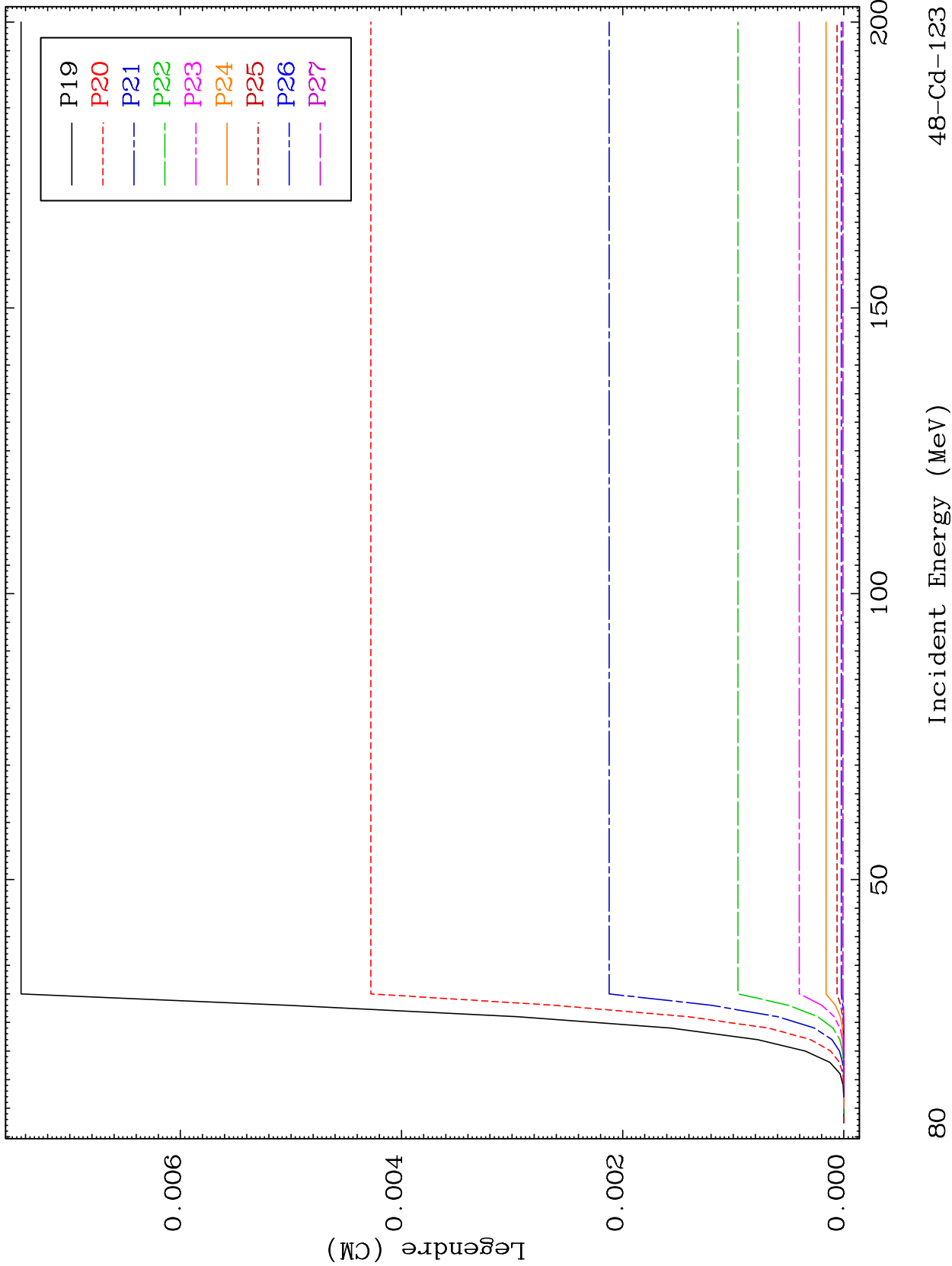
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



80

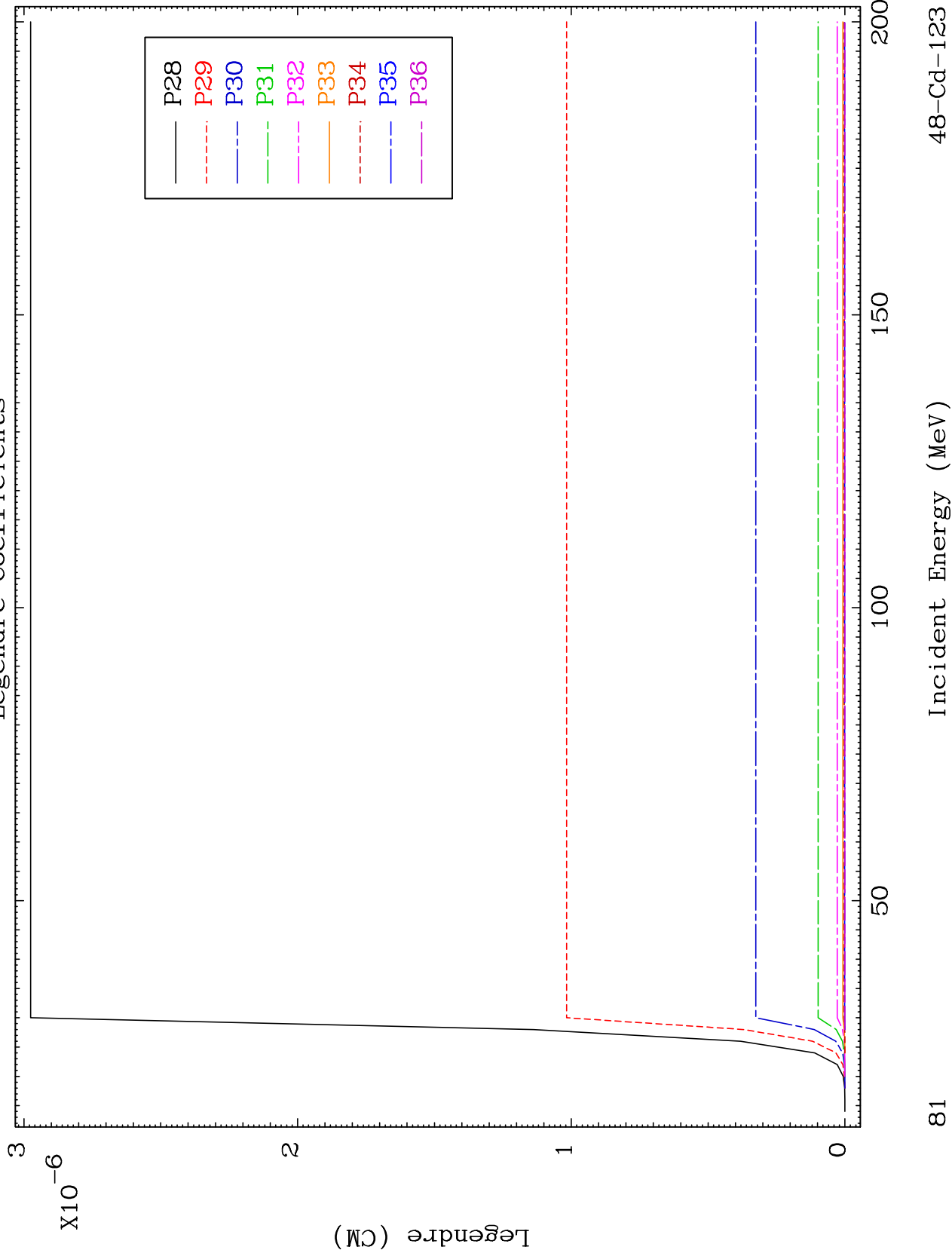
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

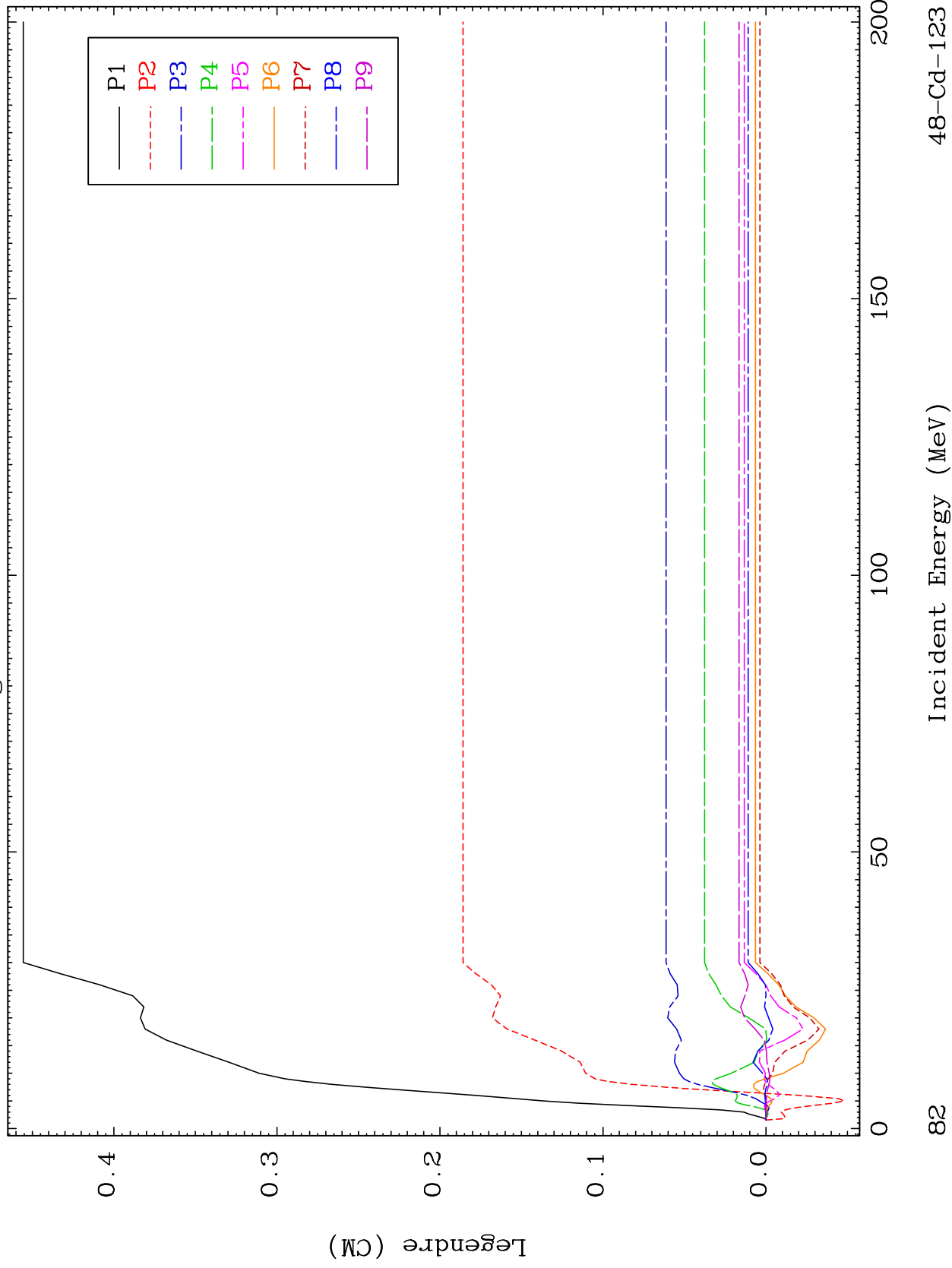
48-Cd-123



MAT 4876

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

48-Cd-123



48-Cd-123

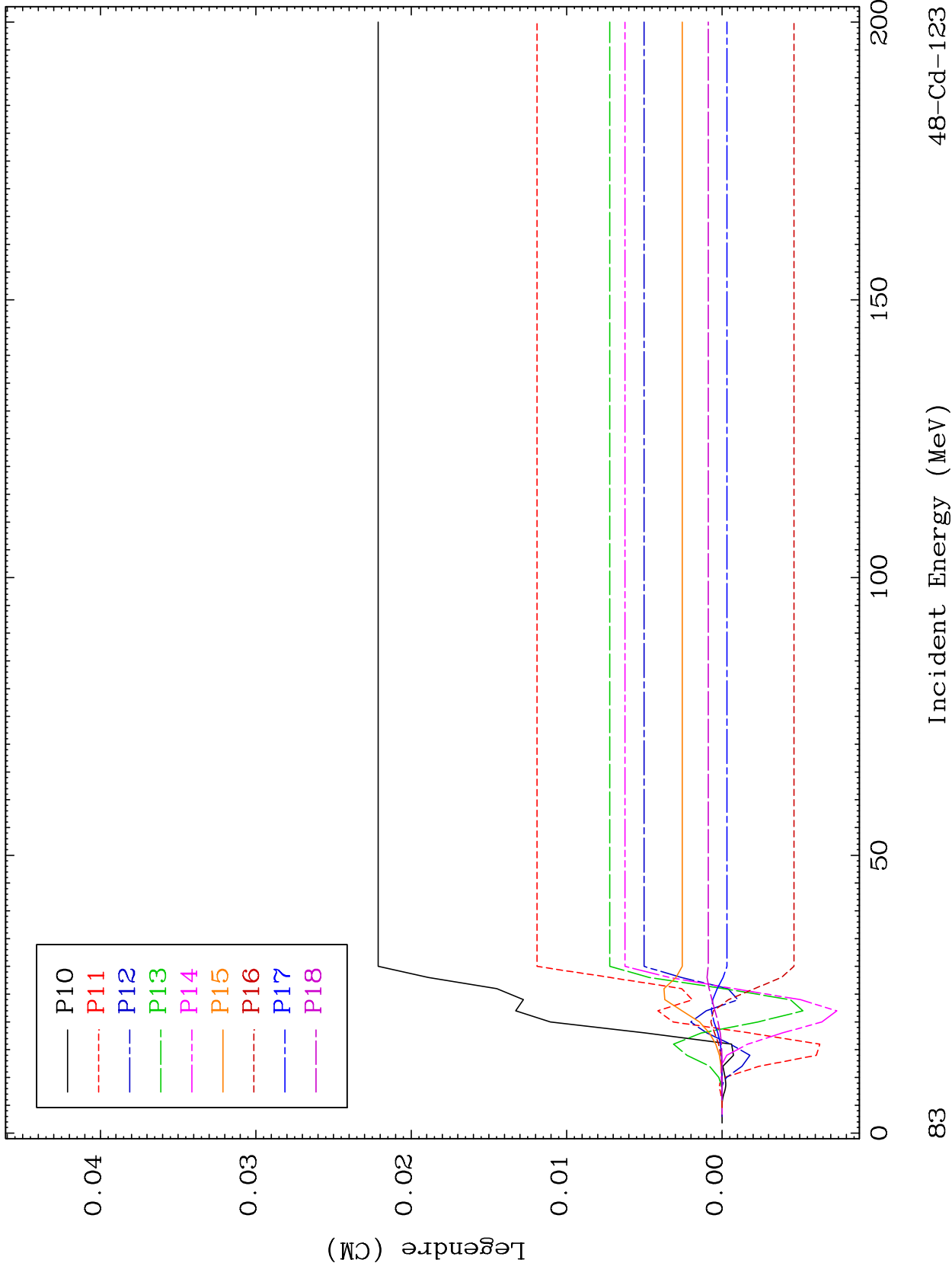
Incident Energy (MeV)

82

MAT 4876

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

48-Cd-123



83

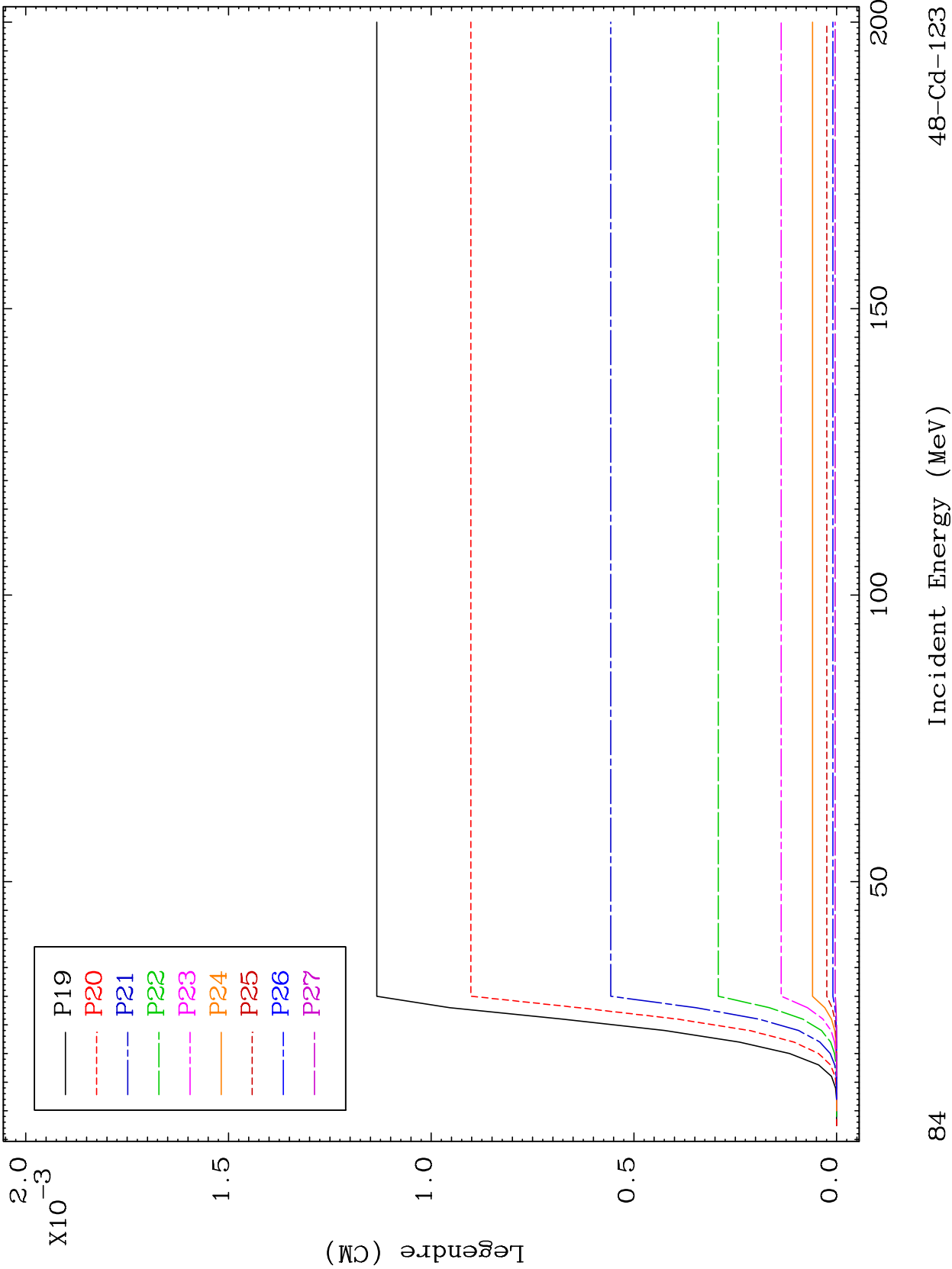
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



84

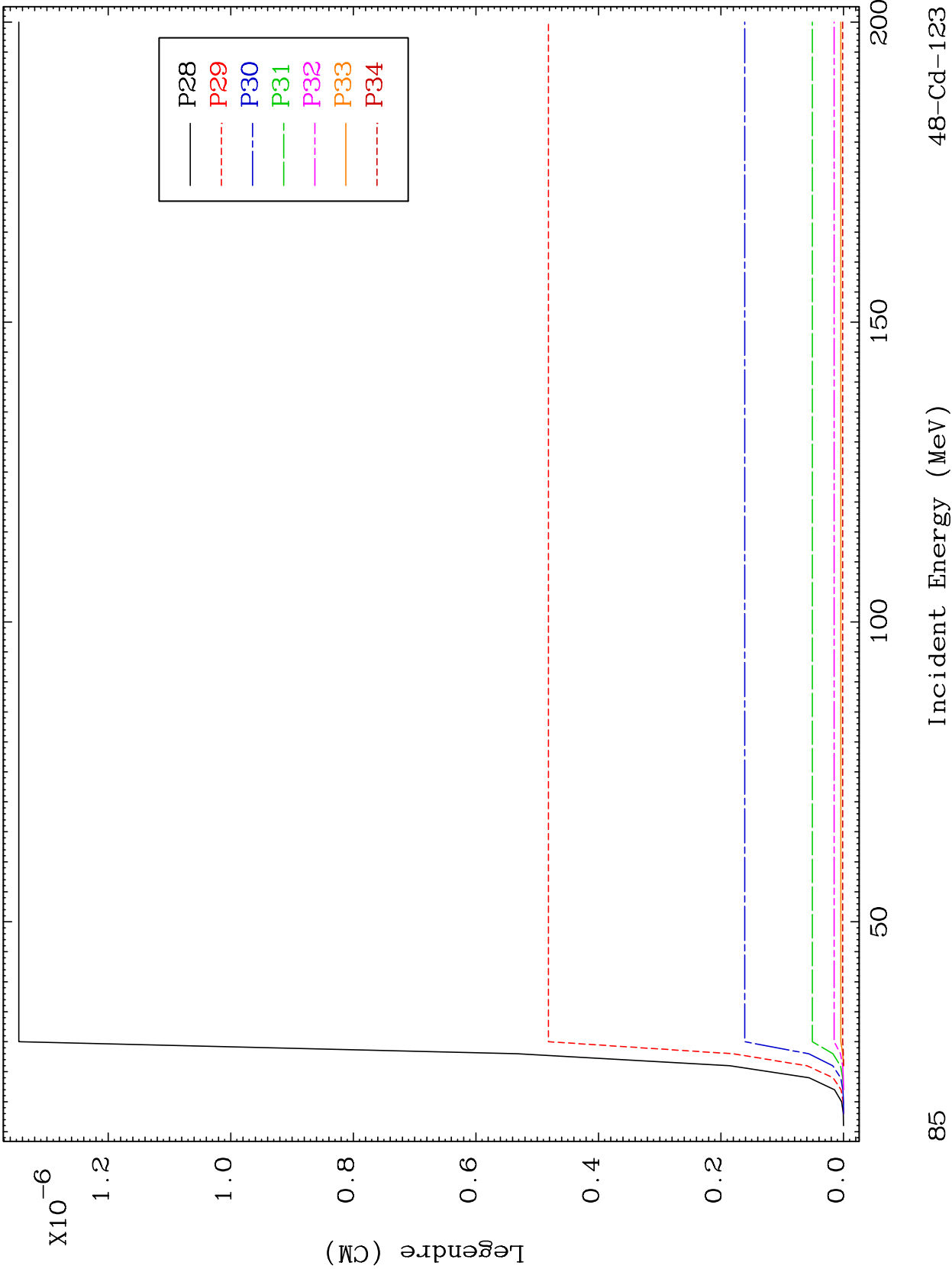
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



85

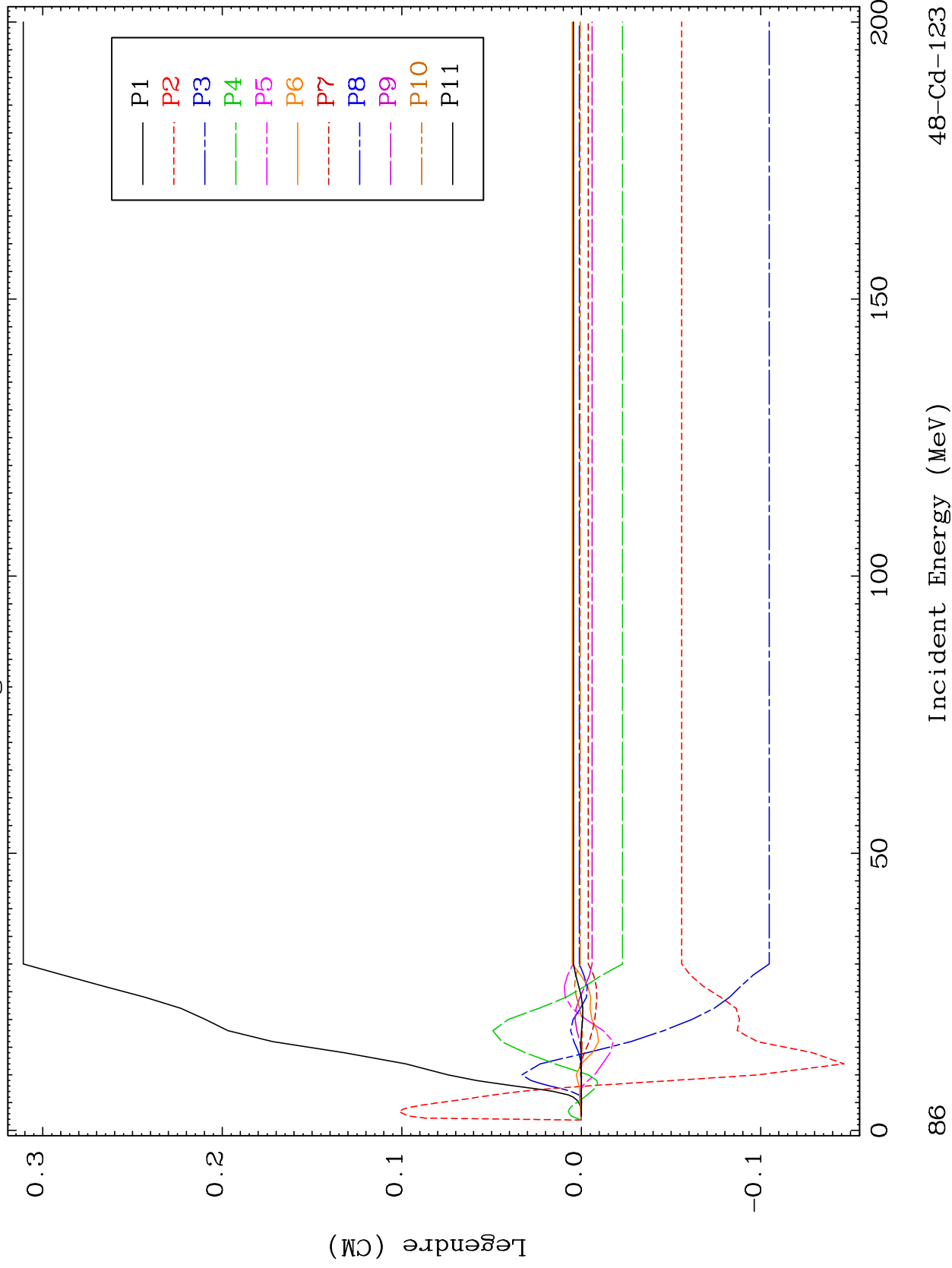
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

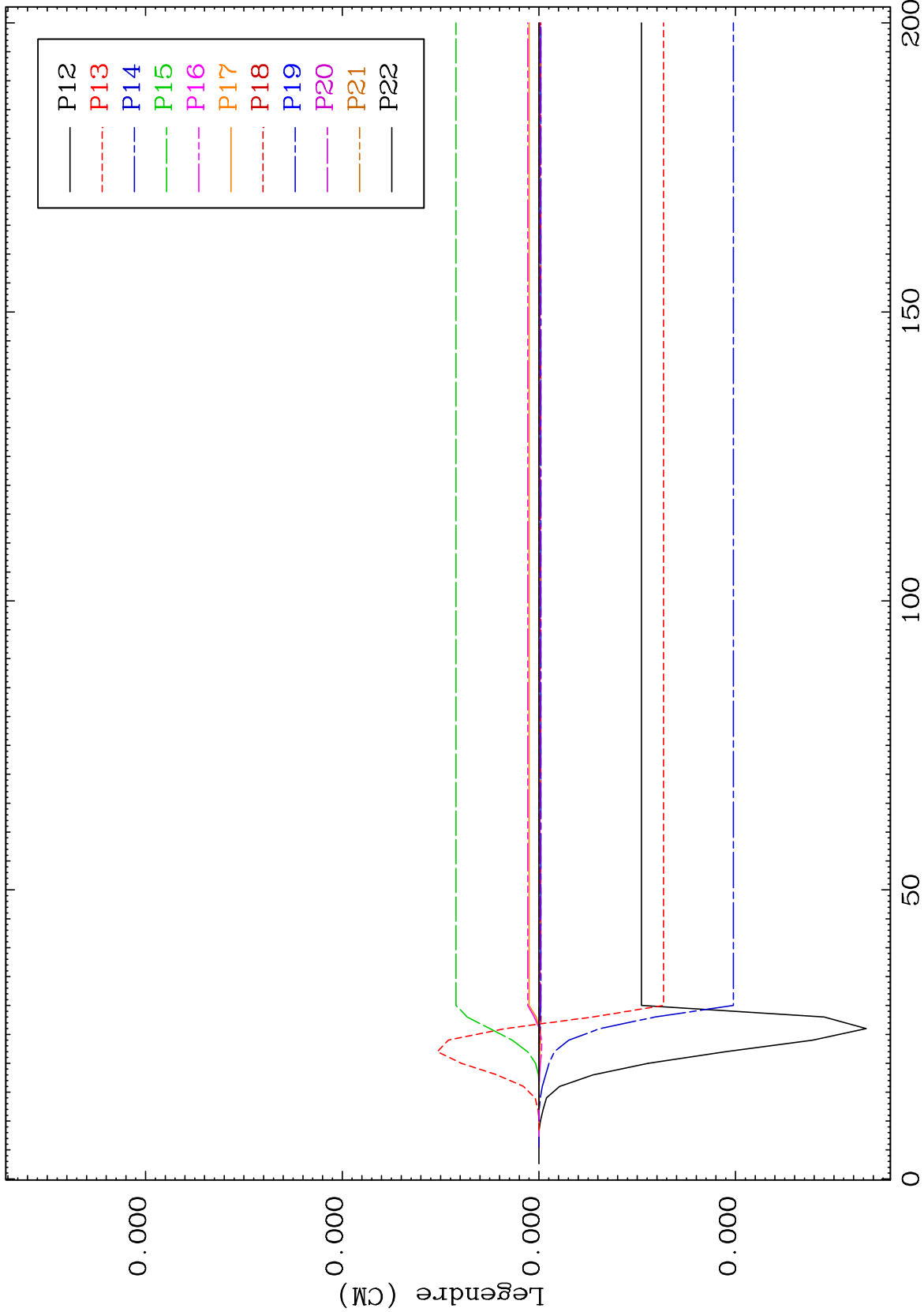


48-Cd-123

MAT 4876

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

48-Cd-123



87

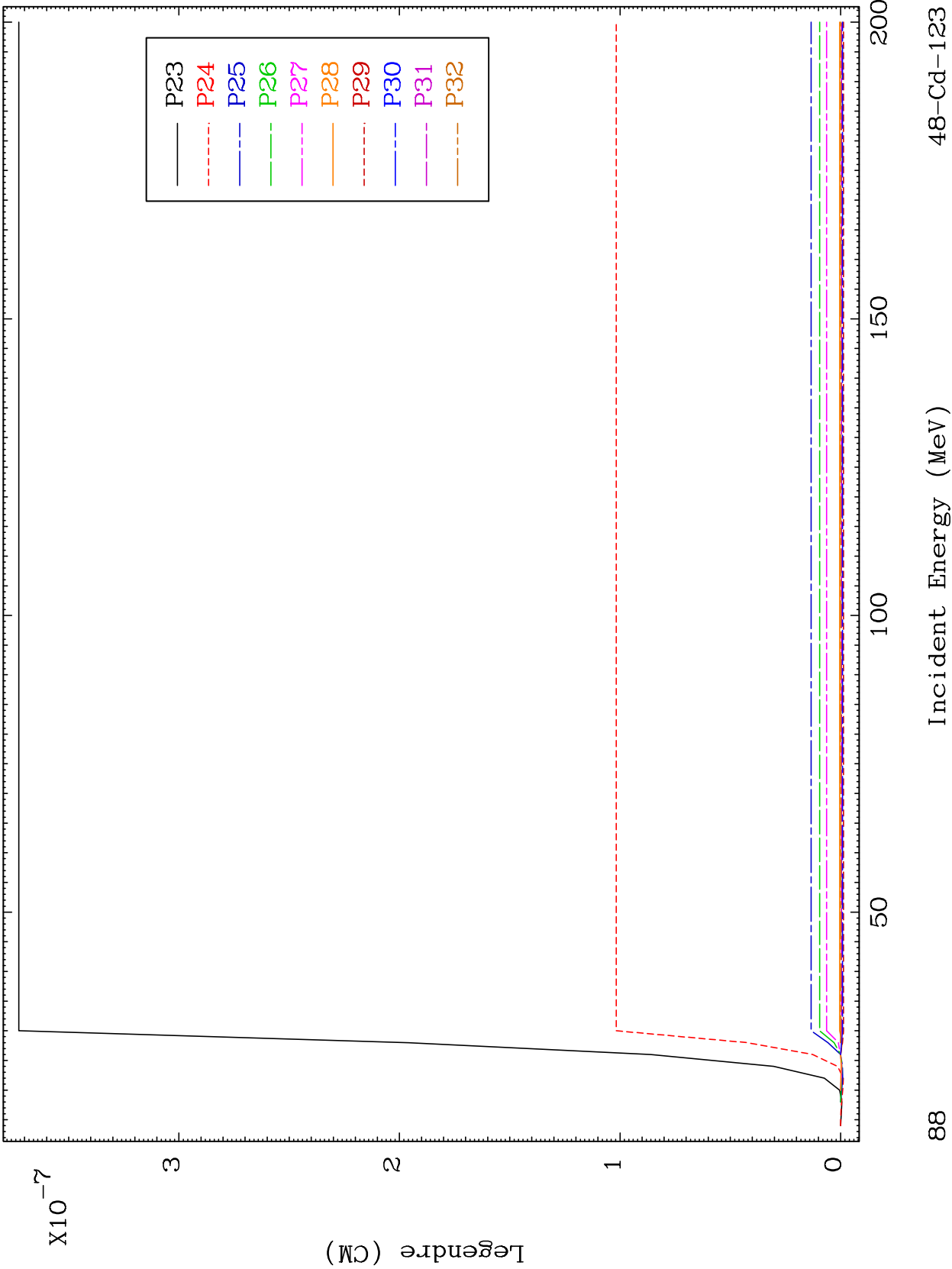
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

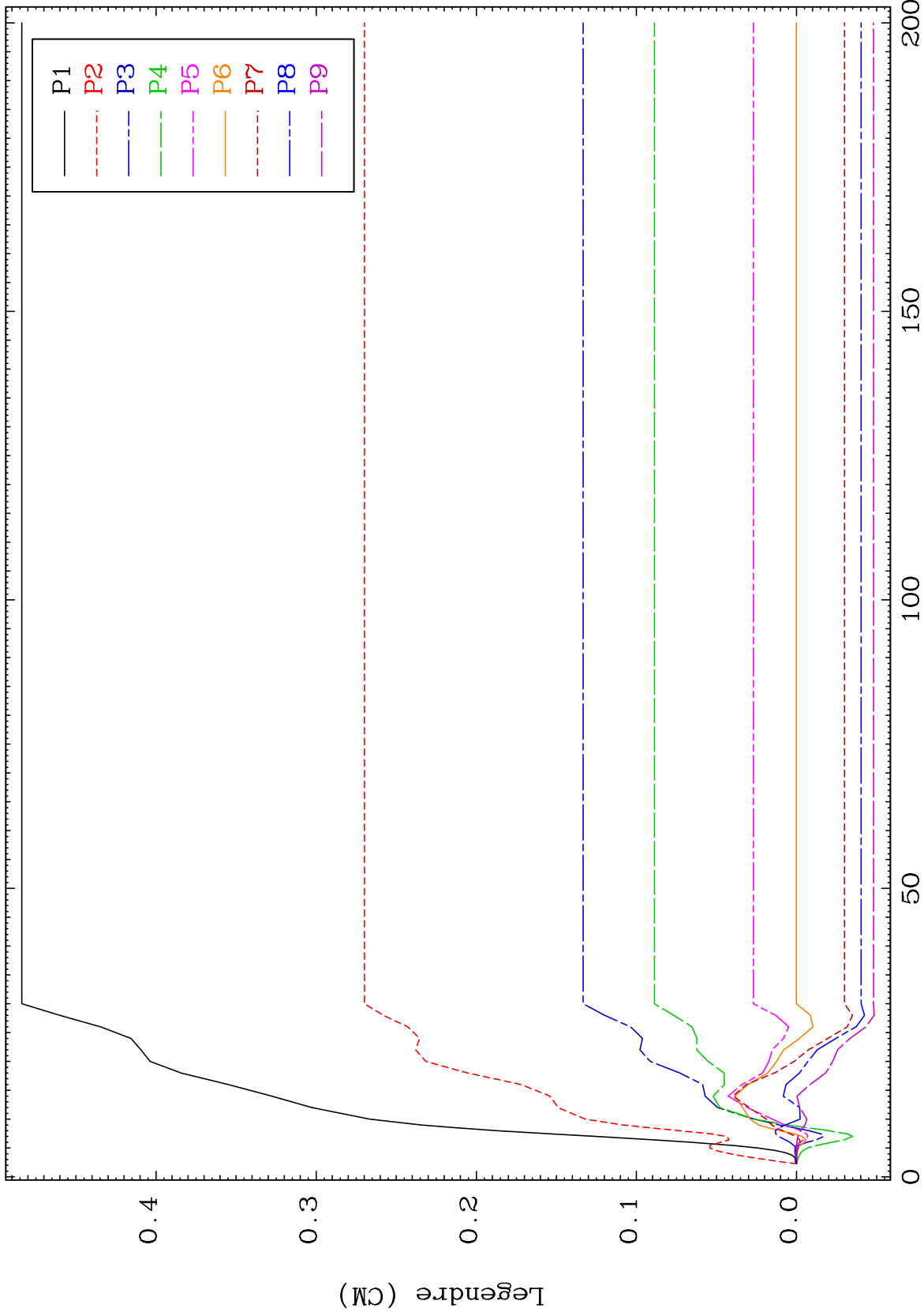
48-Cd-123



MAT 4876

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

48-Cd-123



89

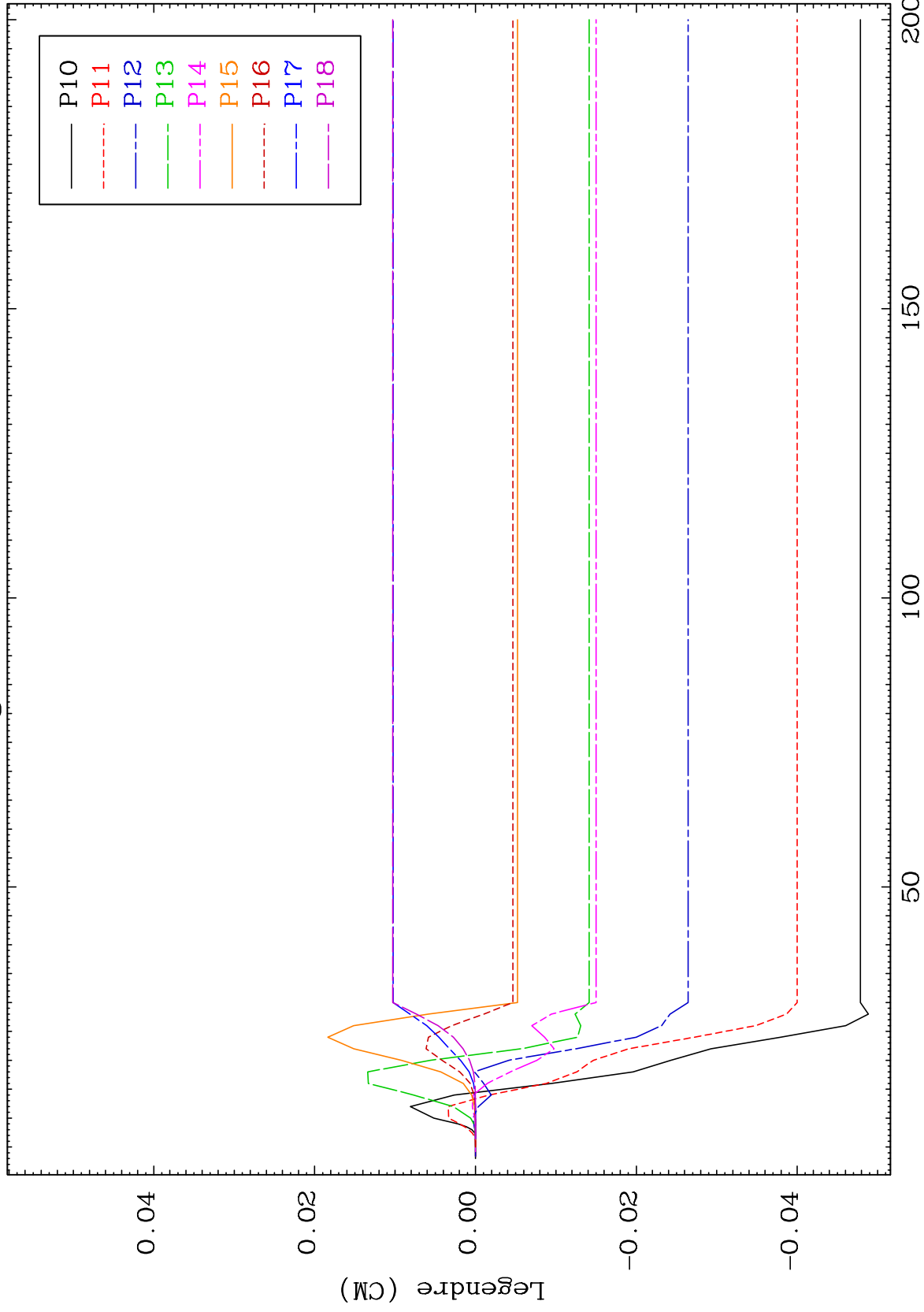
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



90

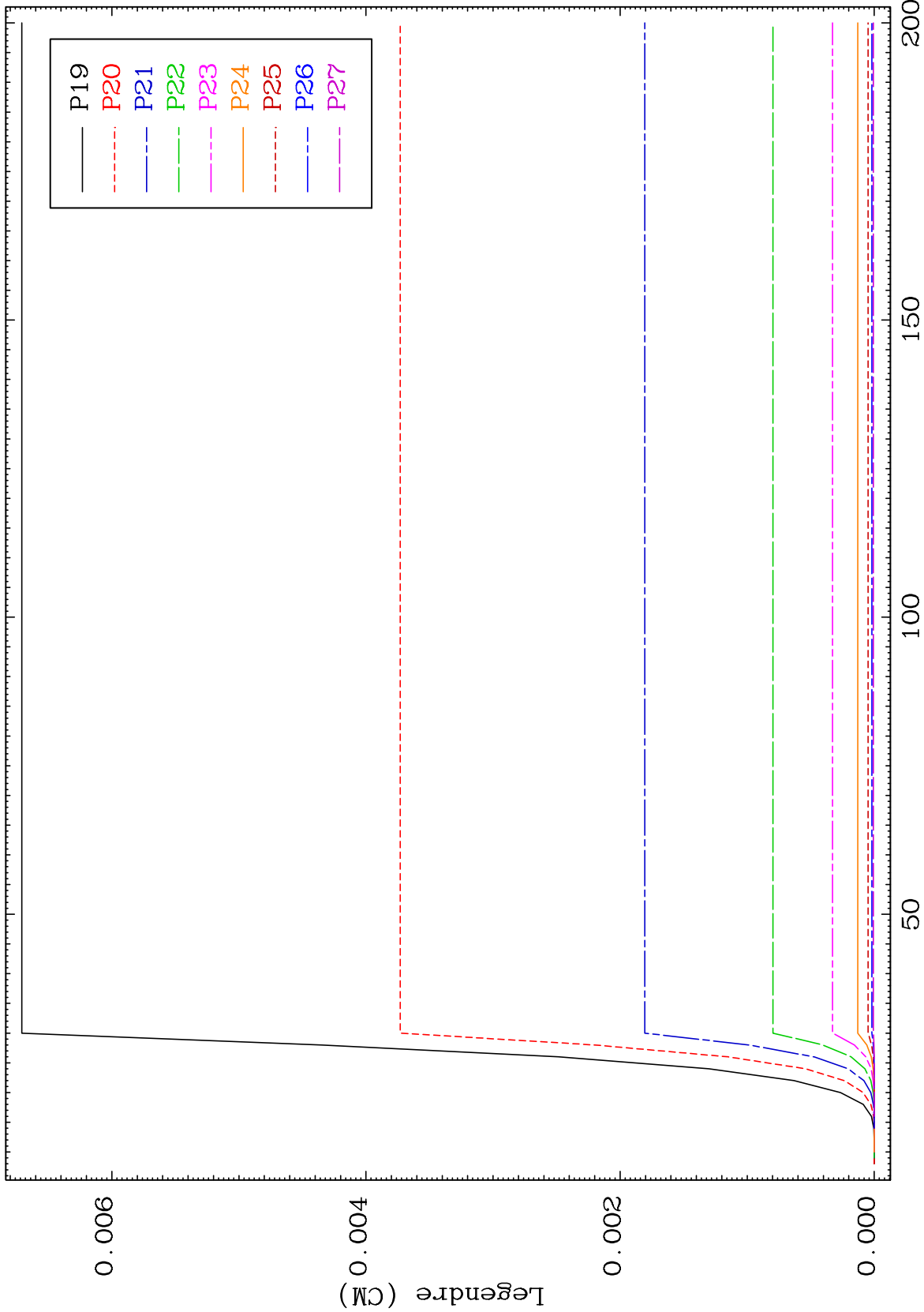
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



91

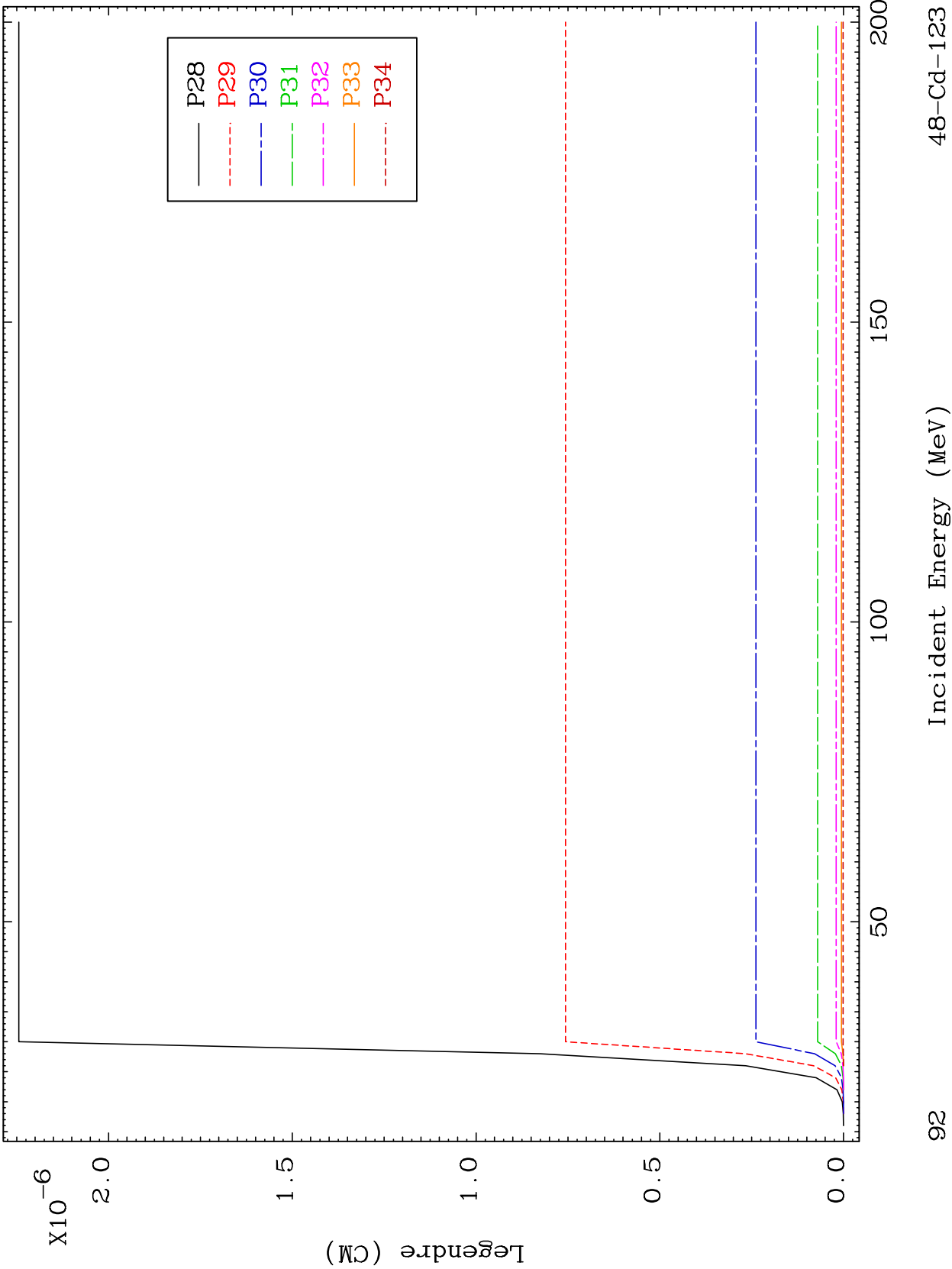
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



92

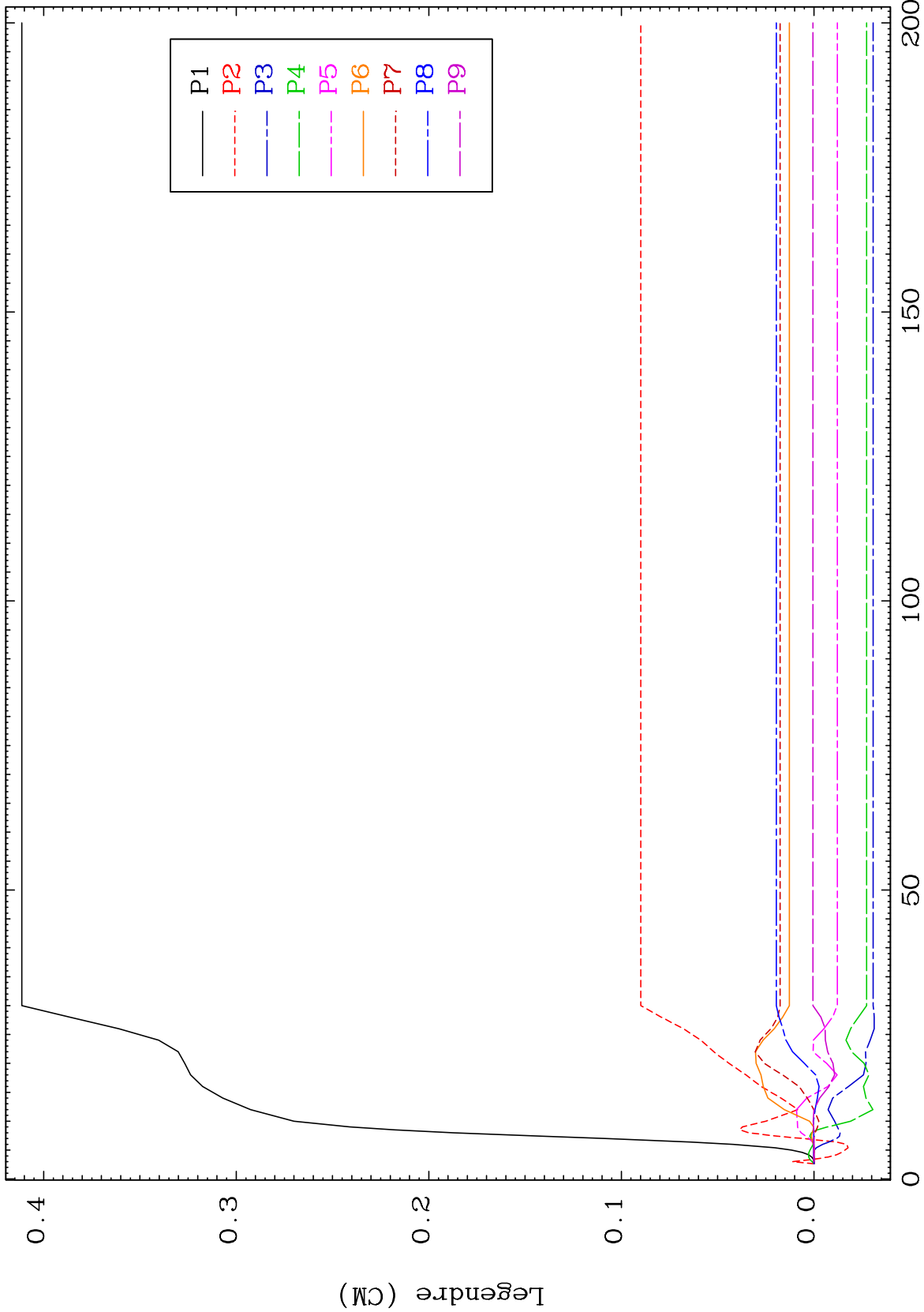
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



93

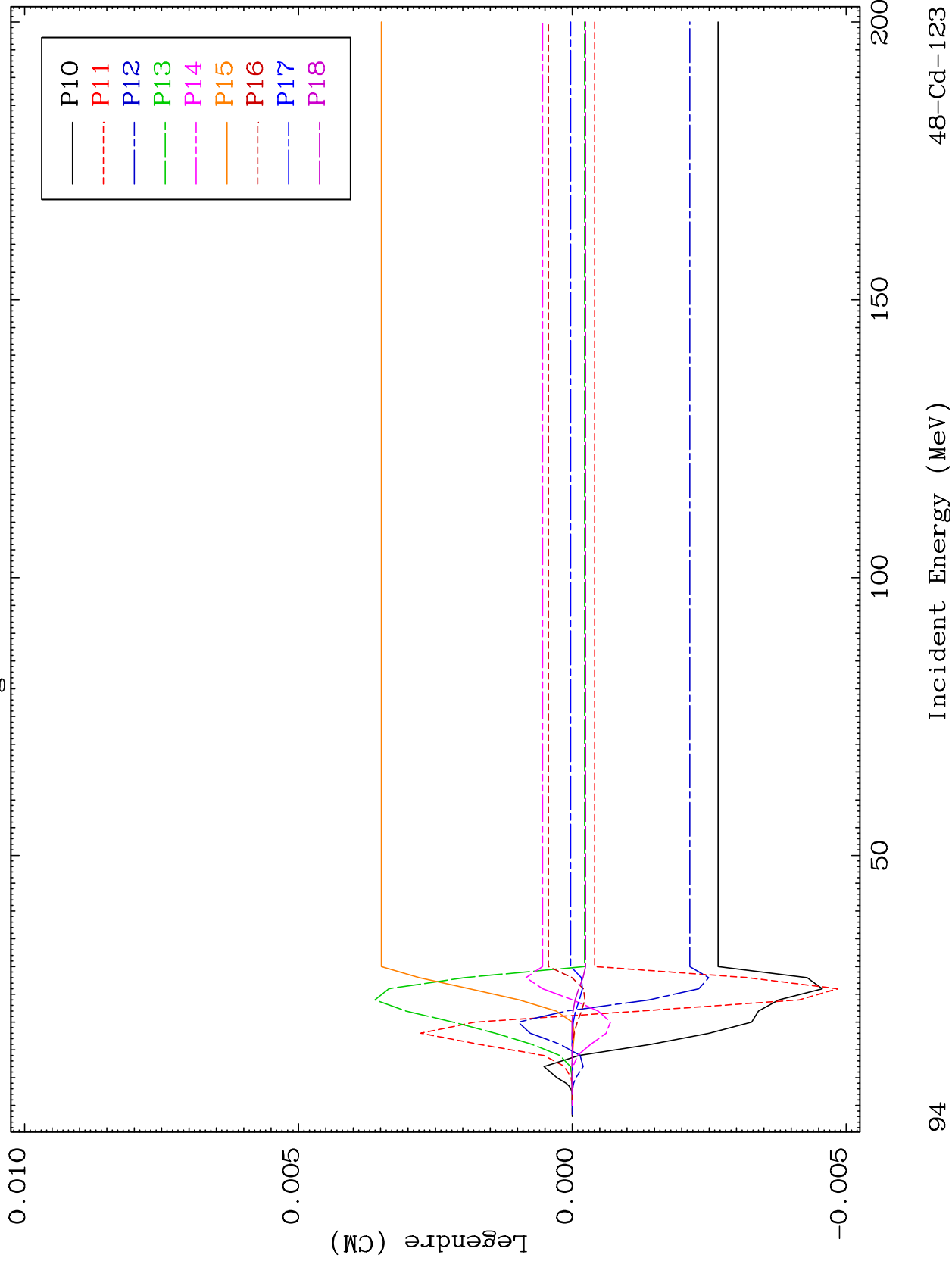
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



94

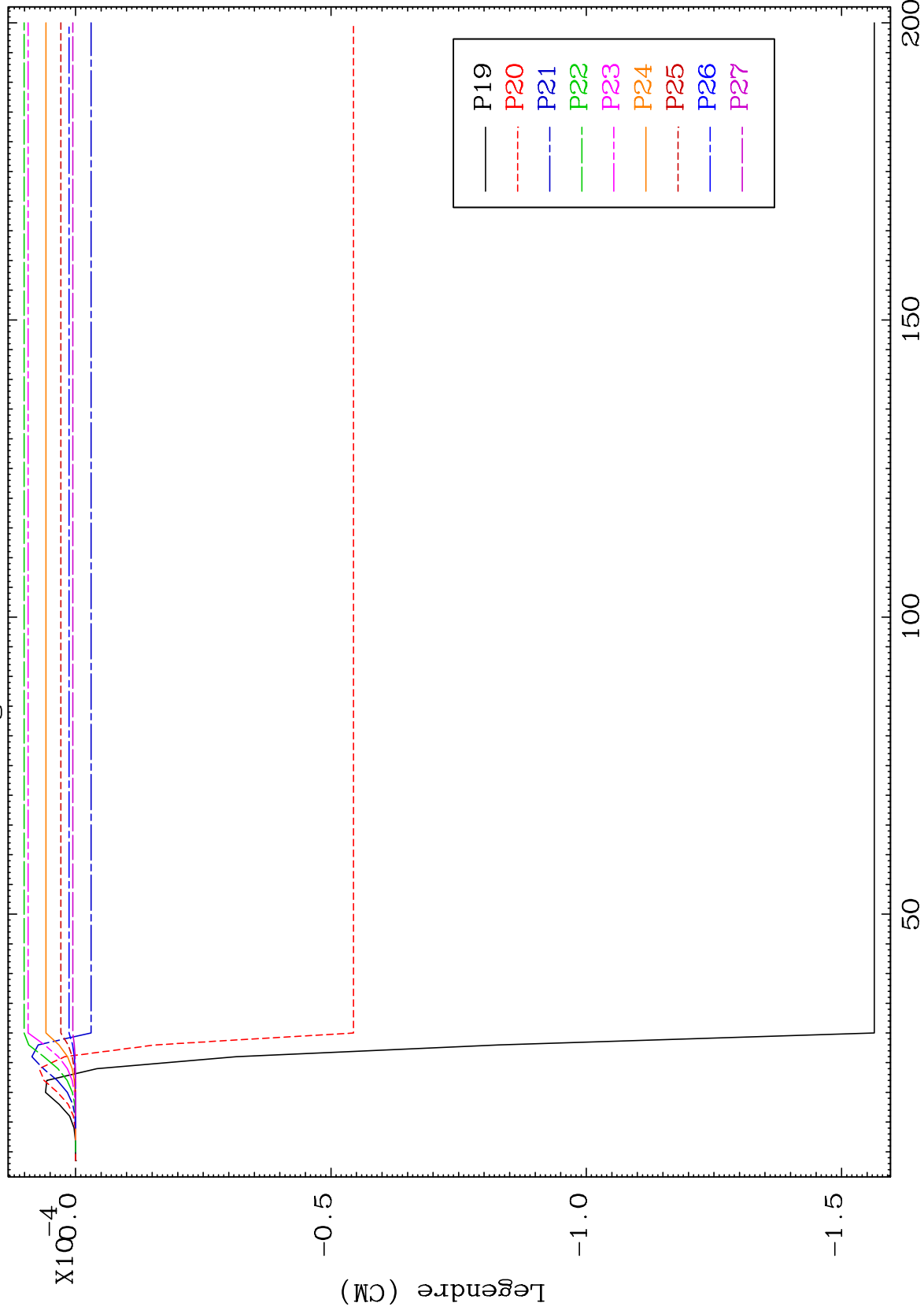
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

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



95

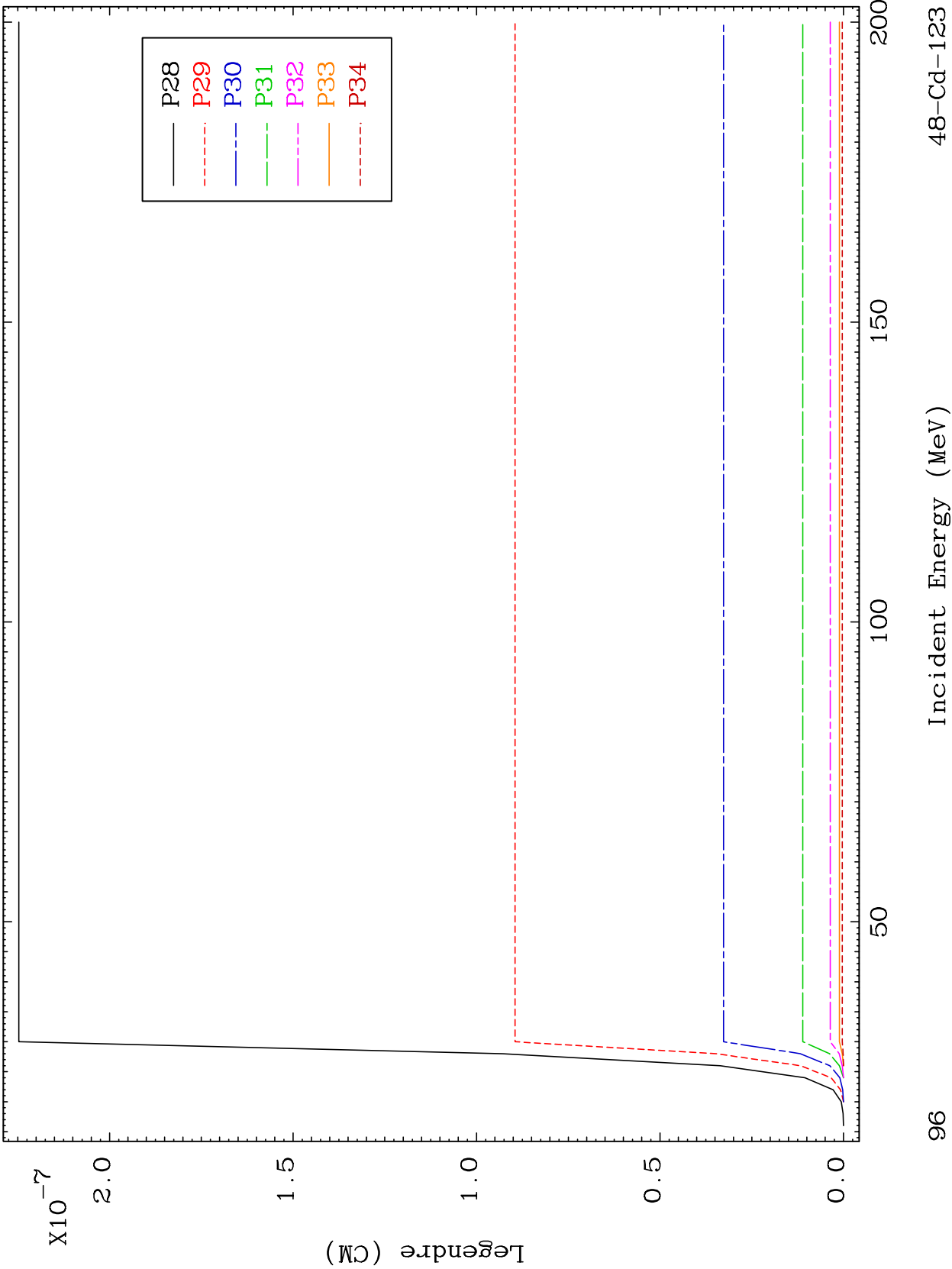
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



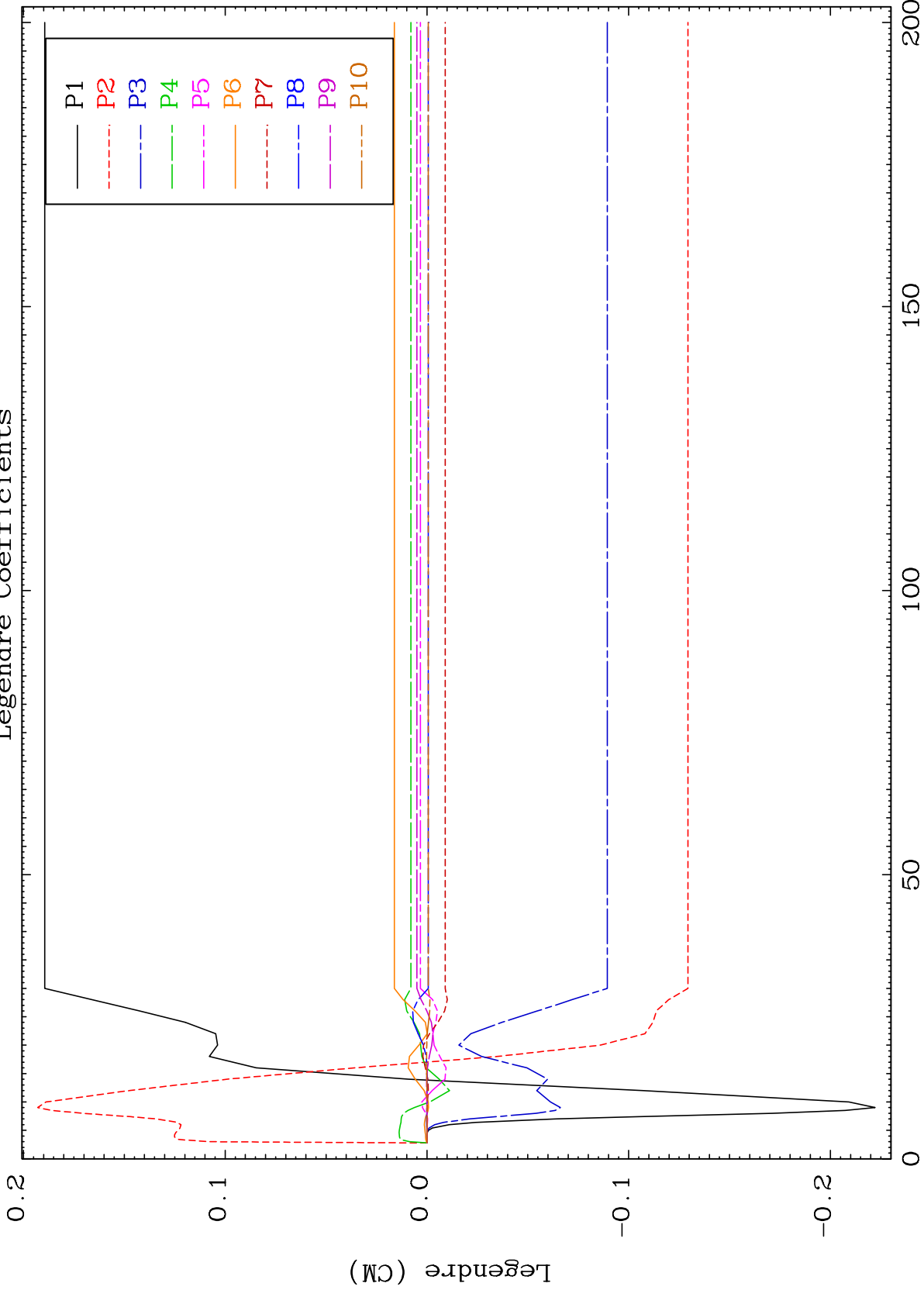
96

48-Cd-123

MAT 4876

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

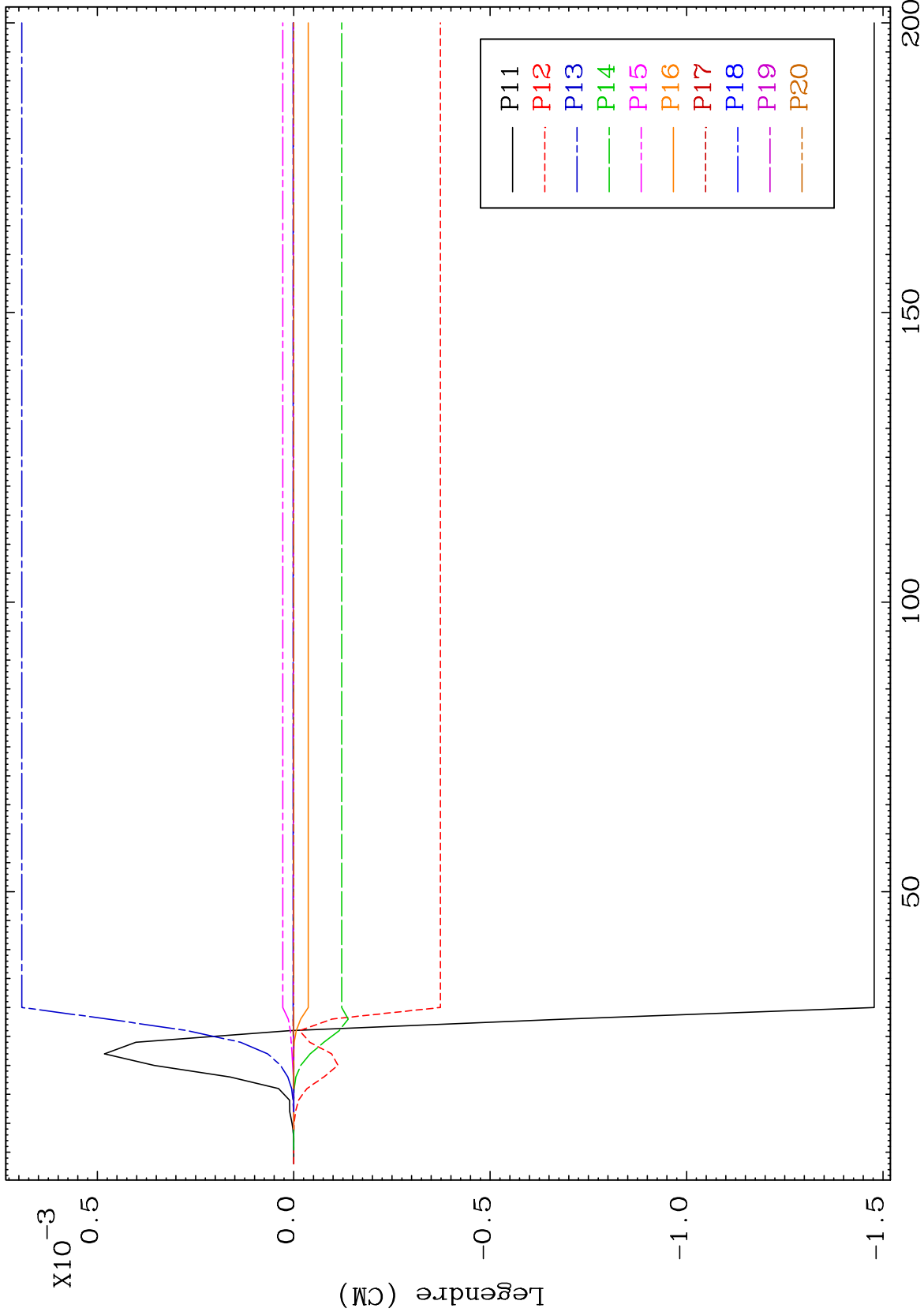
48-Cd-123



97

Incident Energy (MeV)

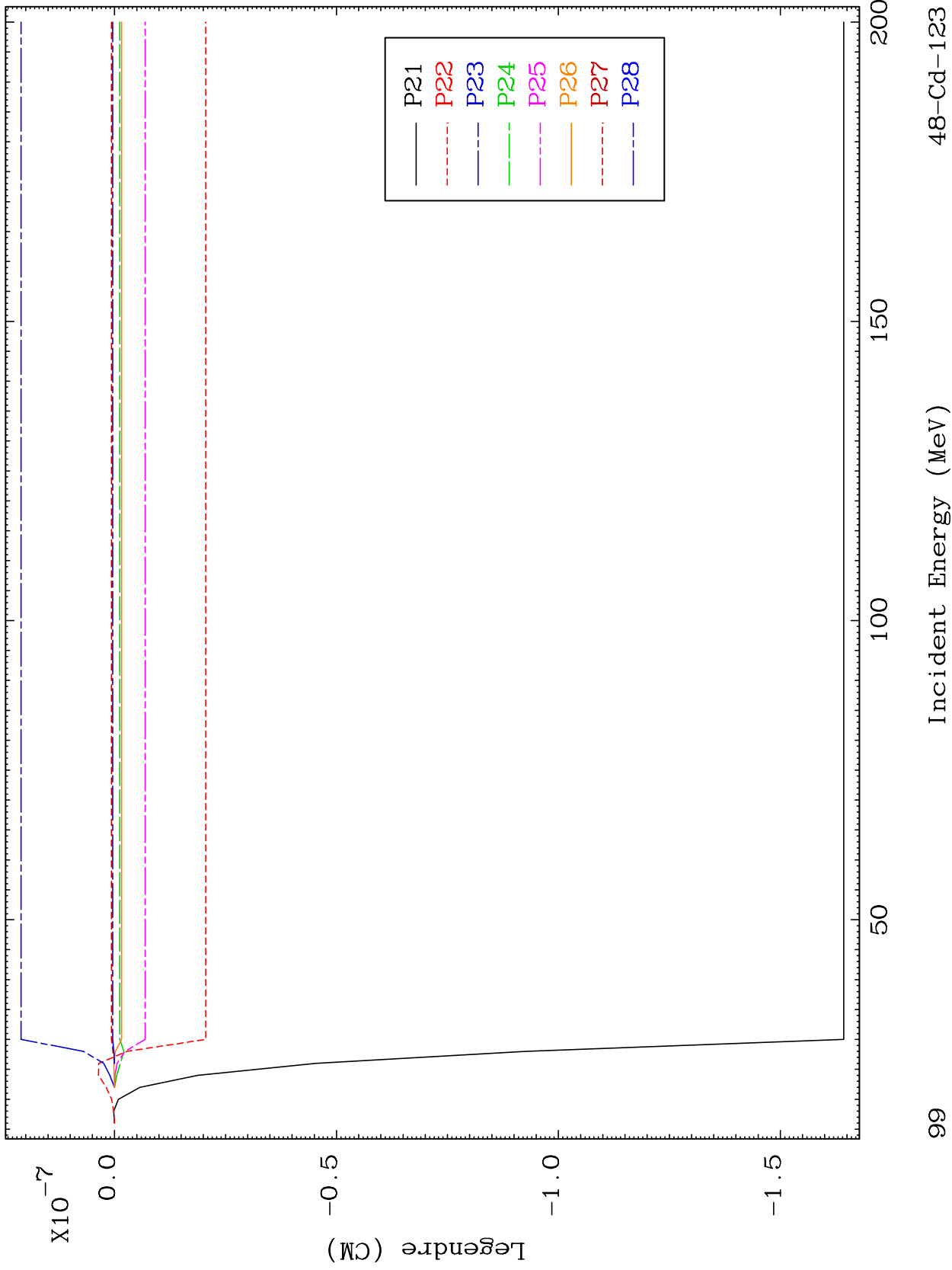
48-Cd-123



MAT 4876

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

48-Cd-123



99

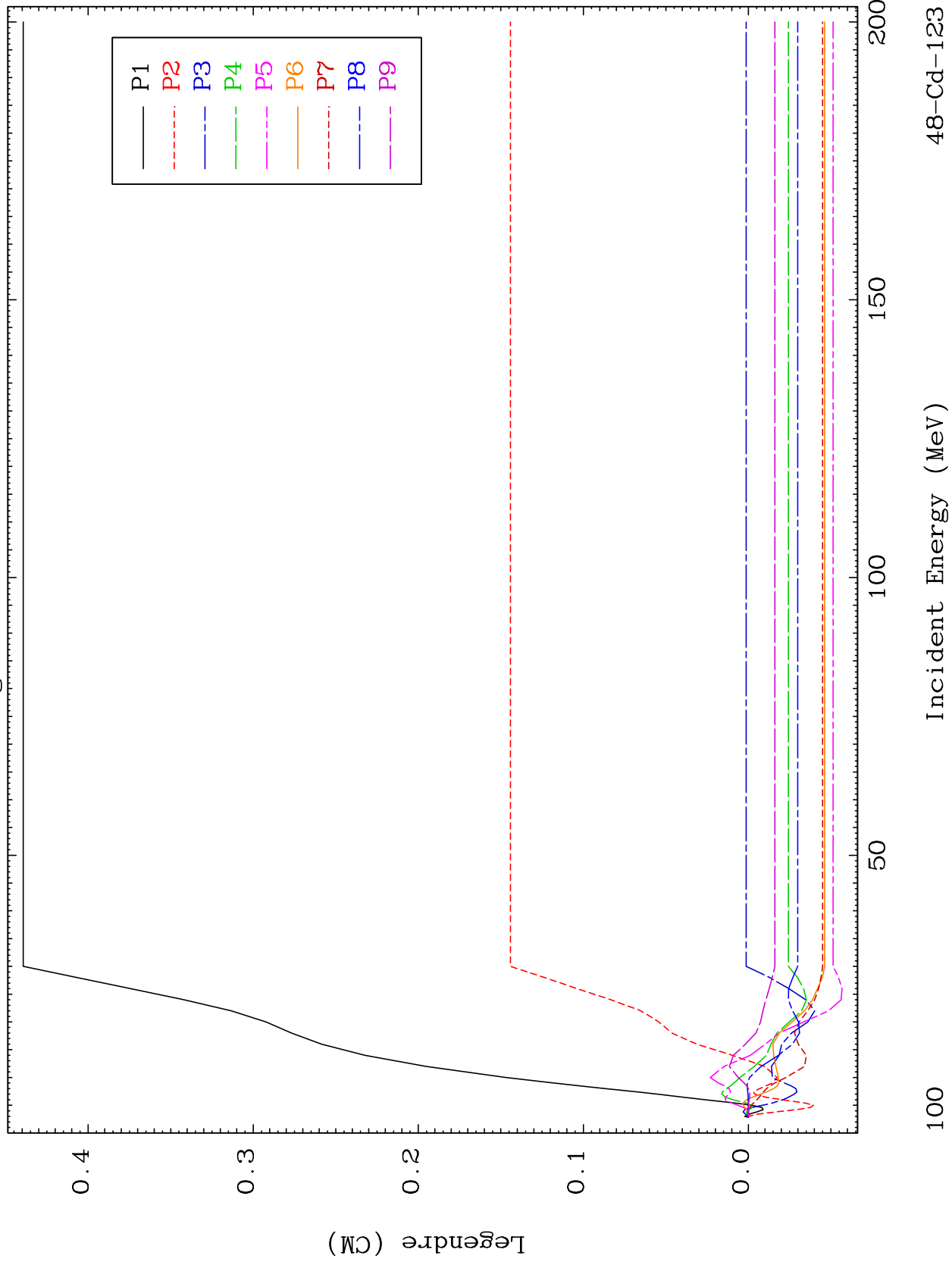
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

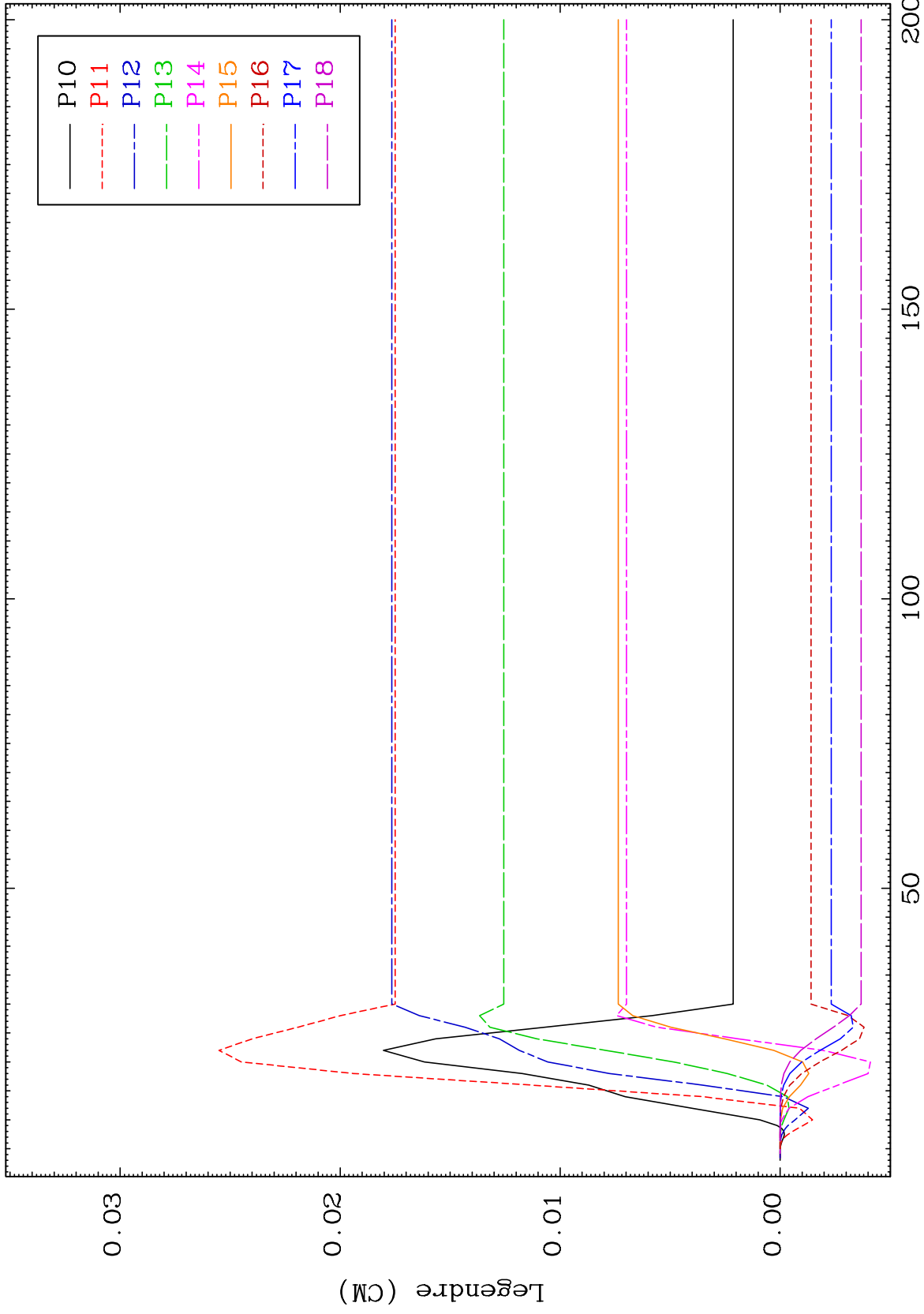
48-Cd-123



MAT 4876

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

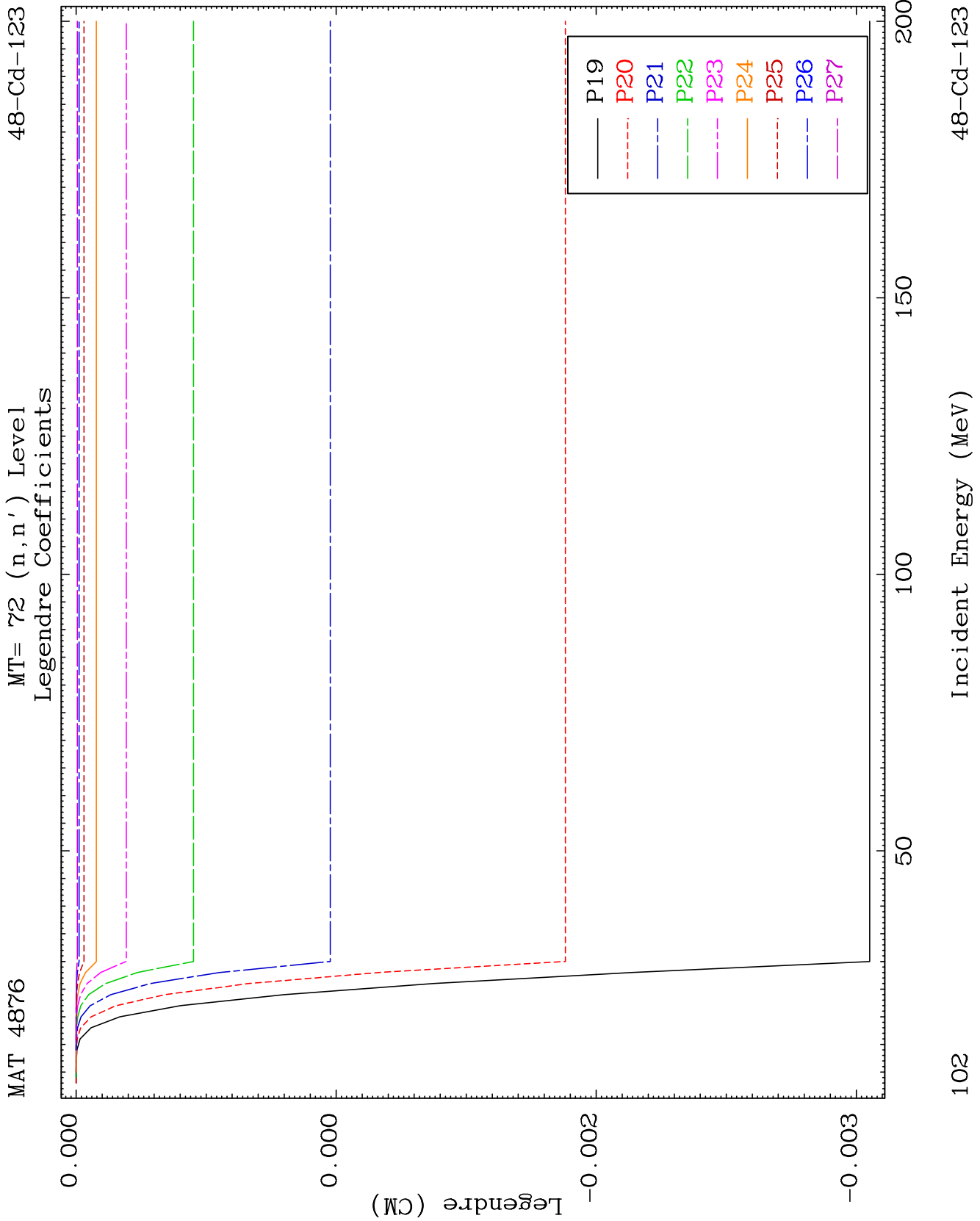
48-Cd-123

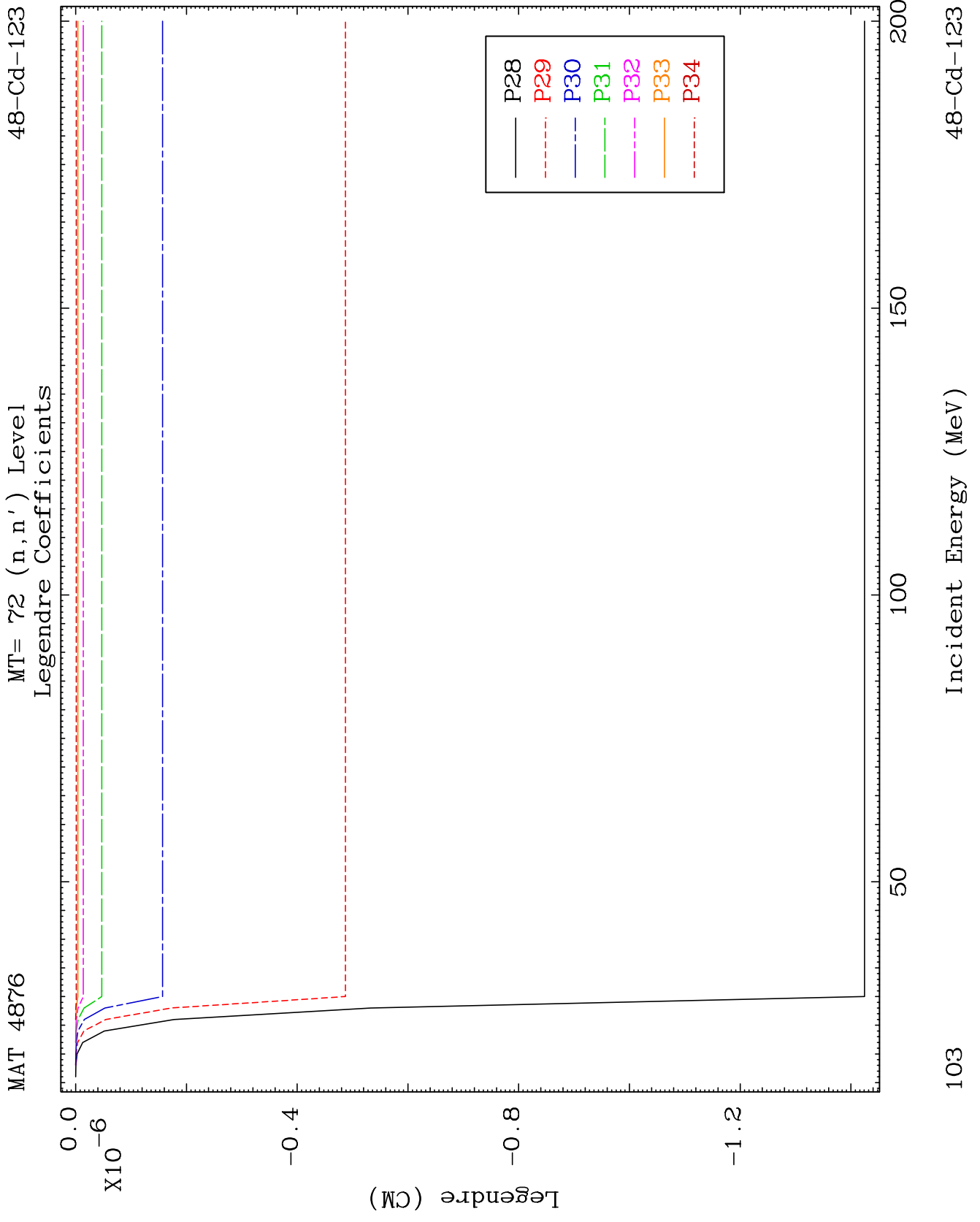


101

Incident Energy (MeV)

48-Cd-123

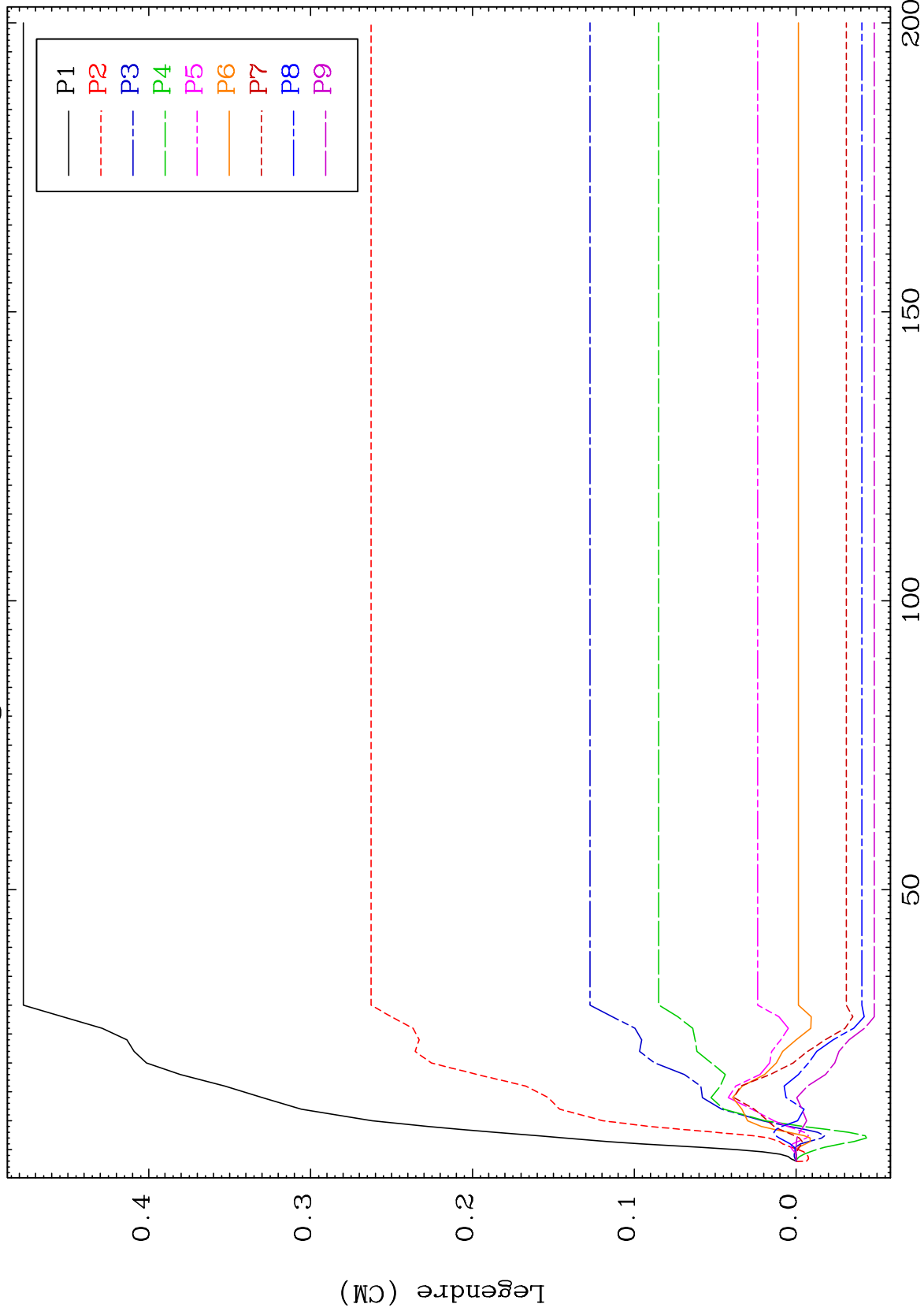




MAT 4876

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

48-Cd-123



104

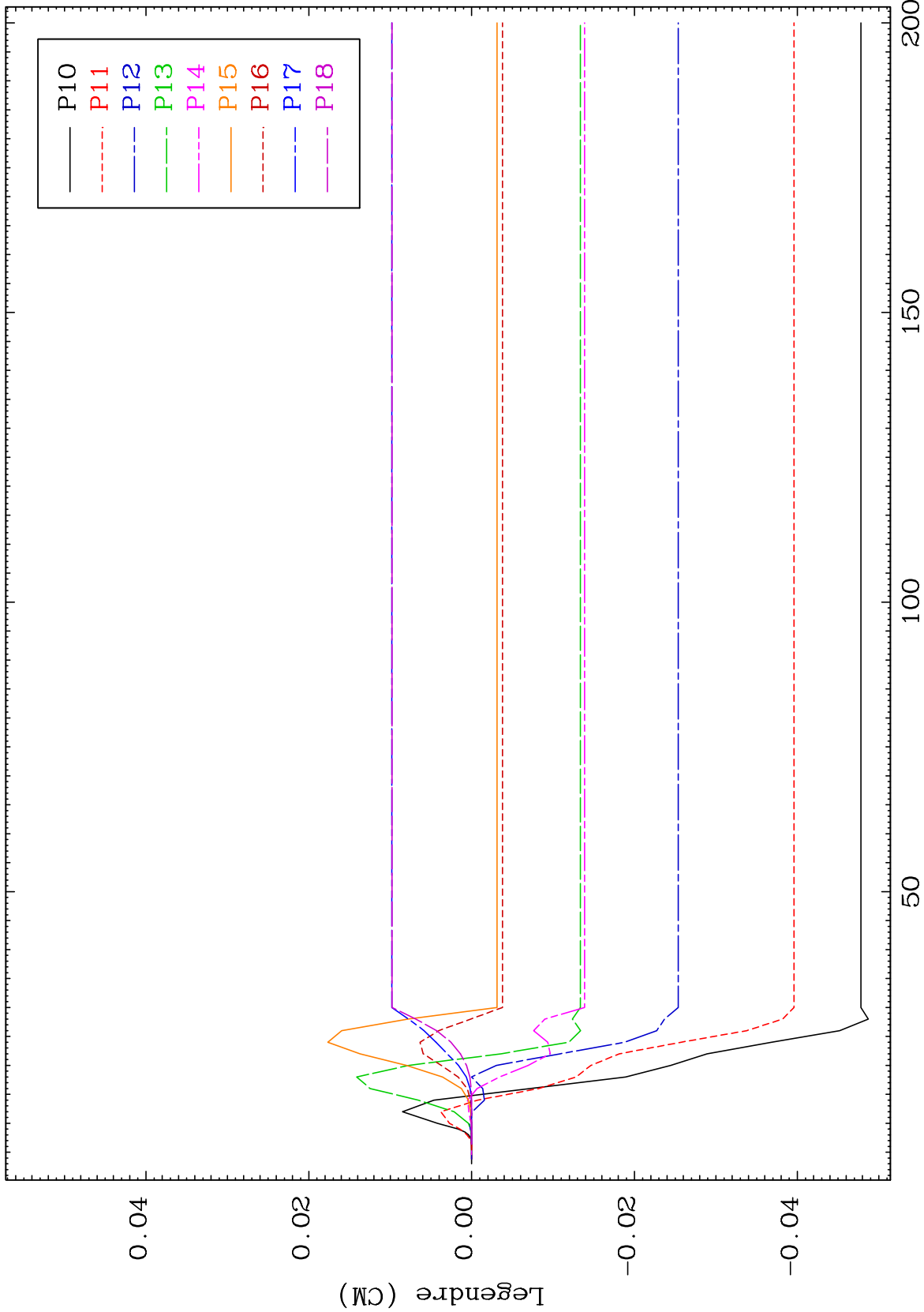
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



105

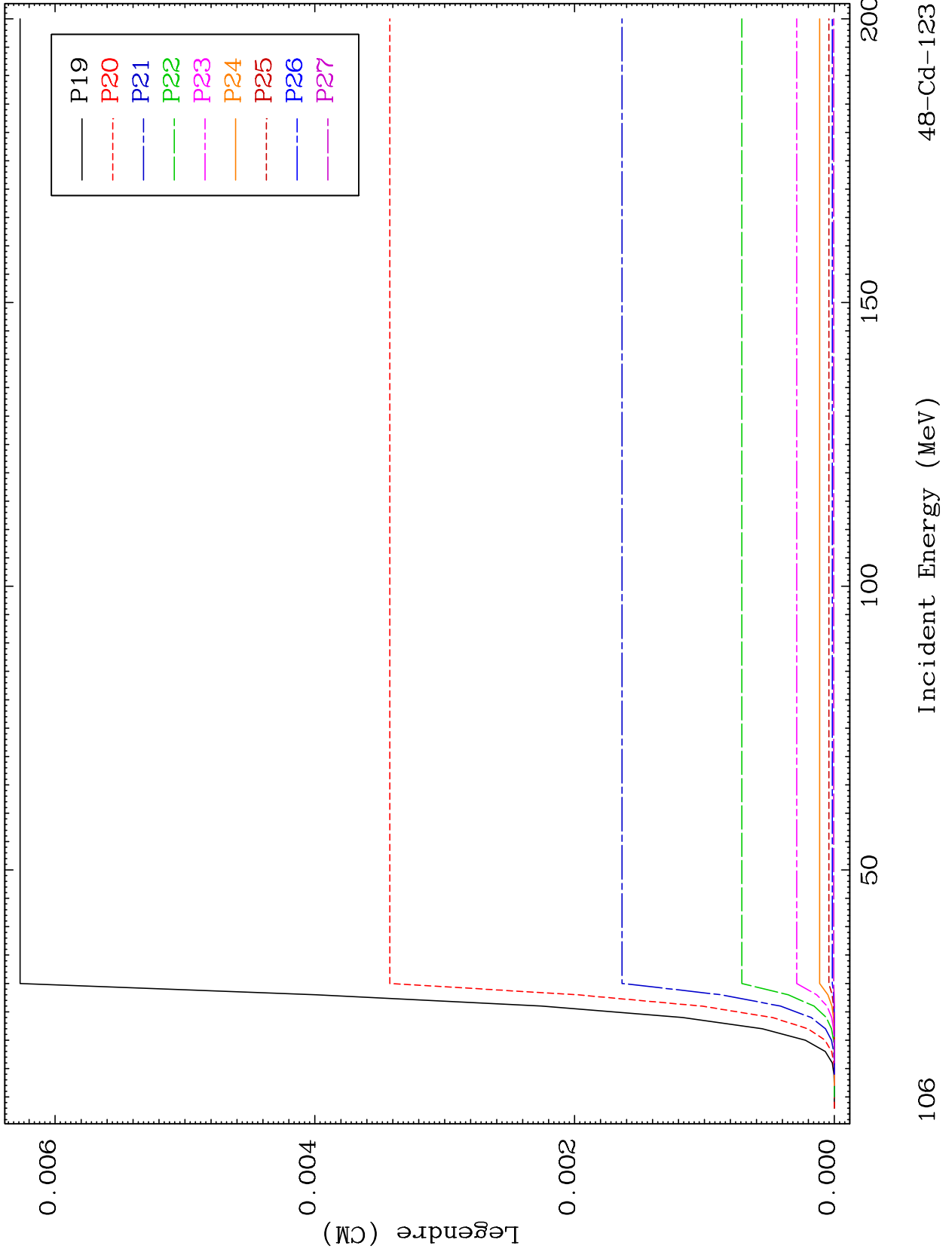
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



106

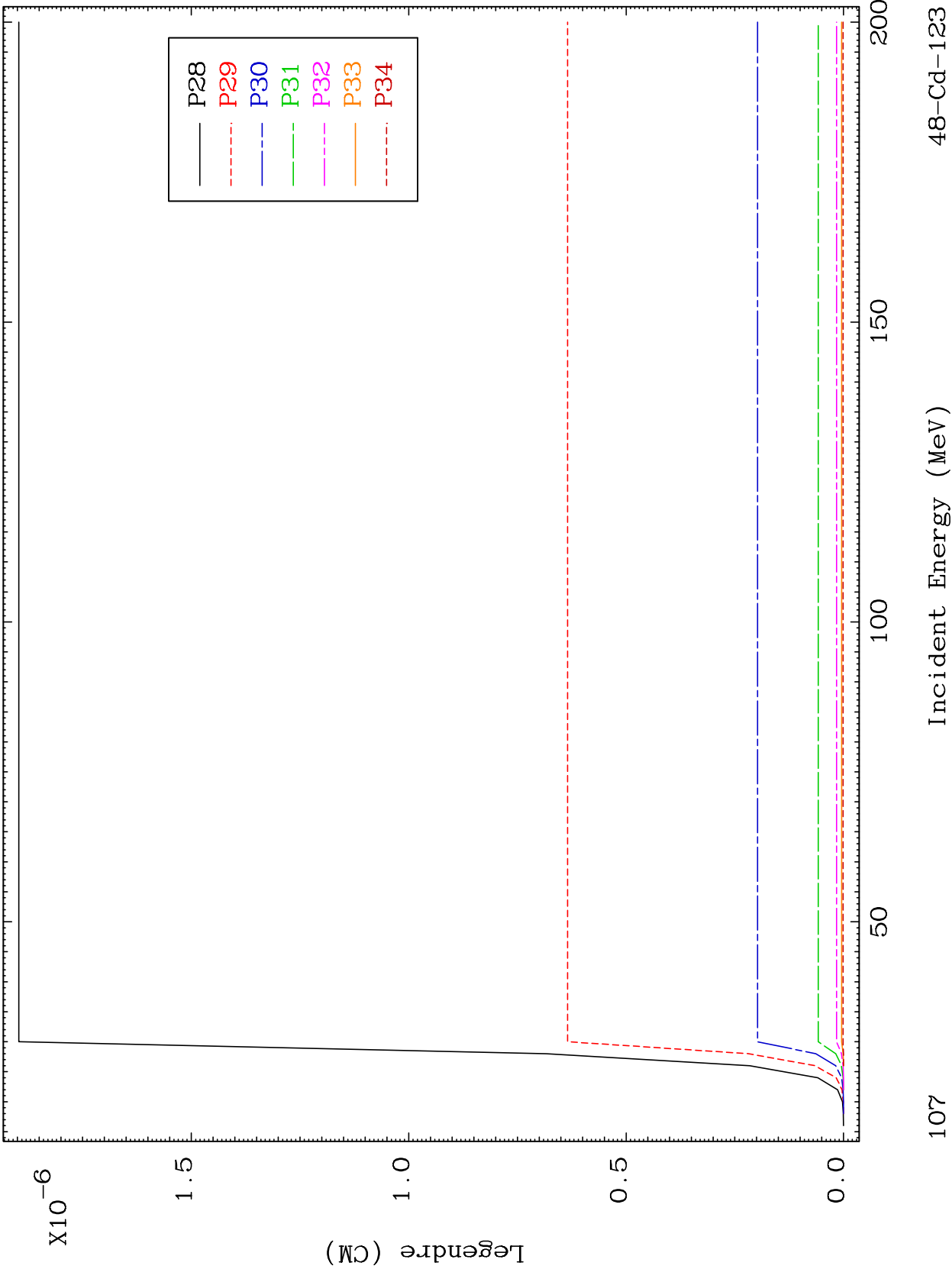
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



107

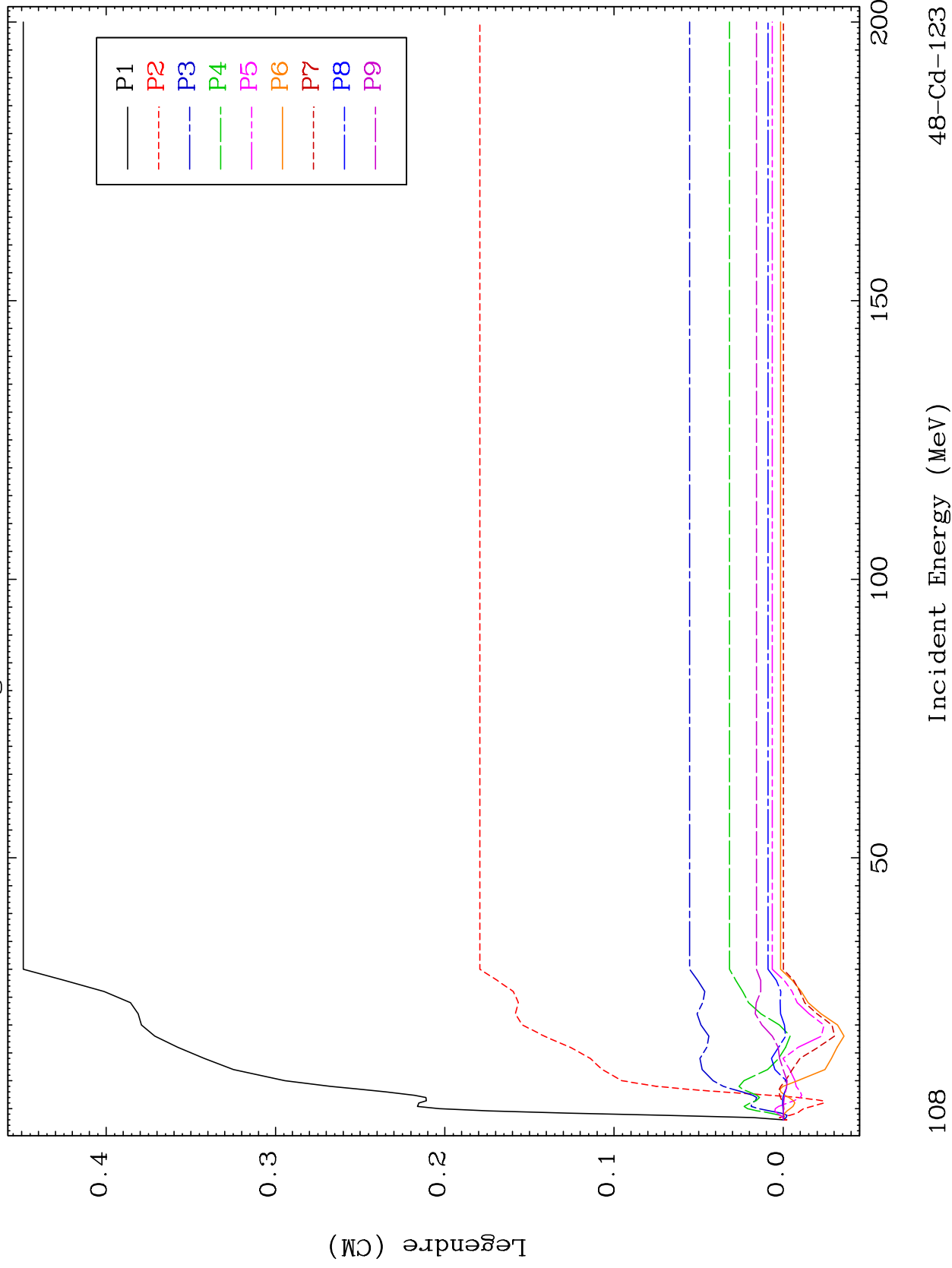
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

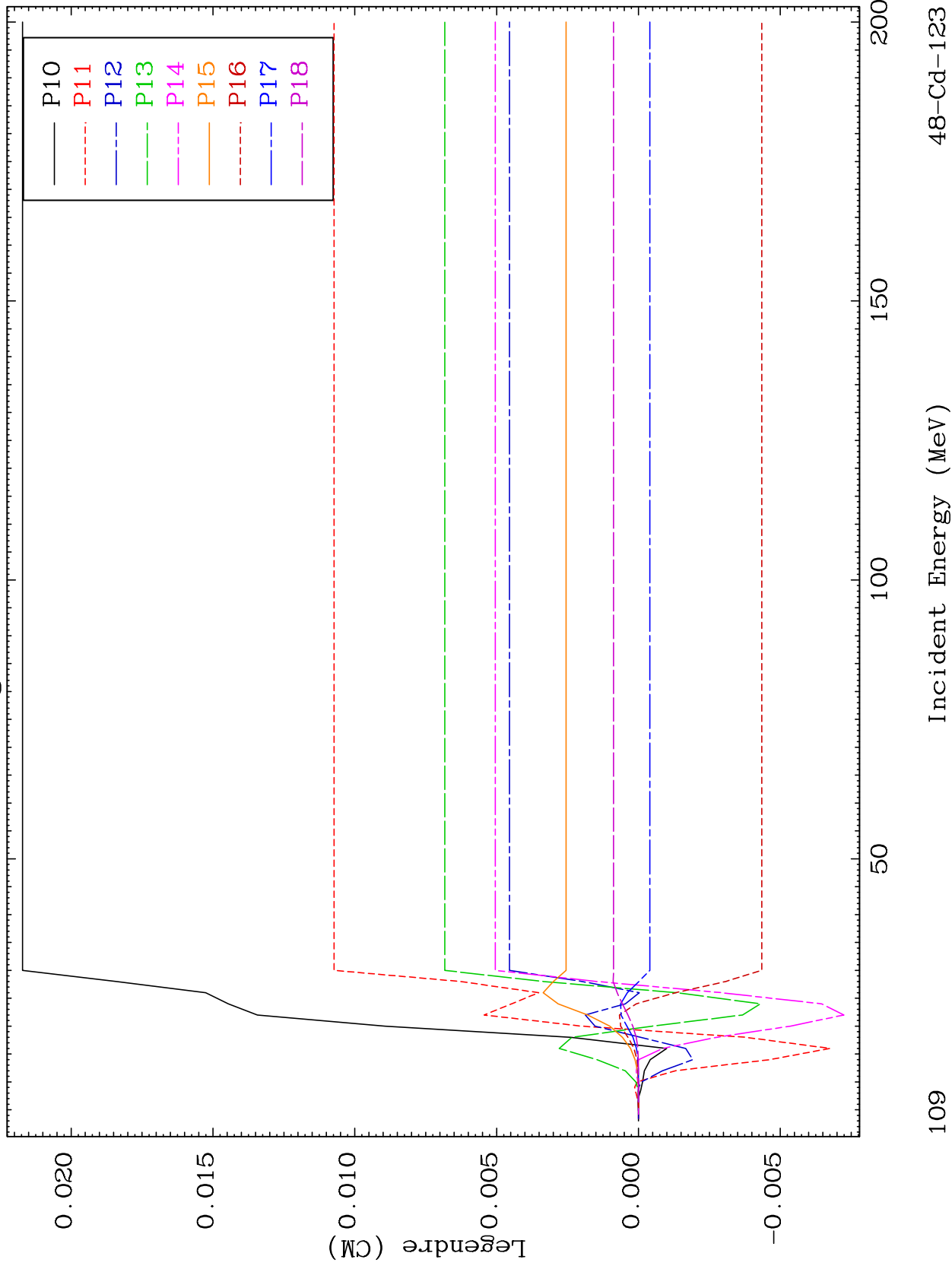
Incident Energy (MeV)

108

MAT 4876

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

48-Cd-123



48-Cd-123

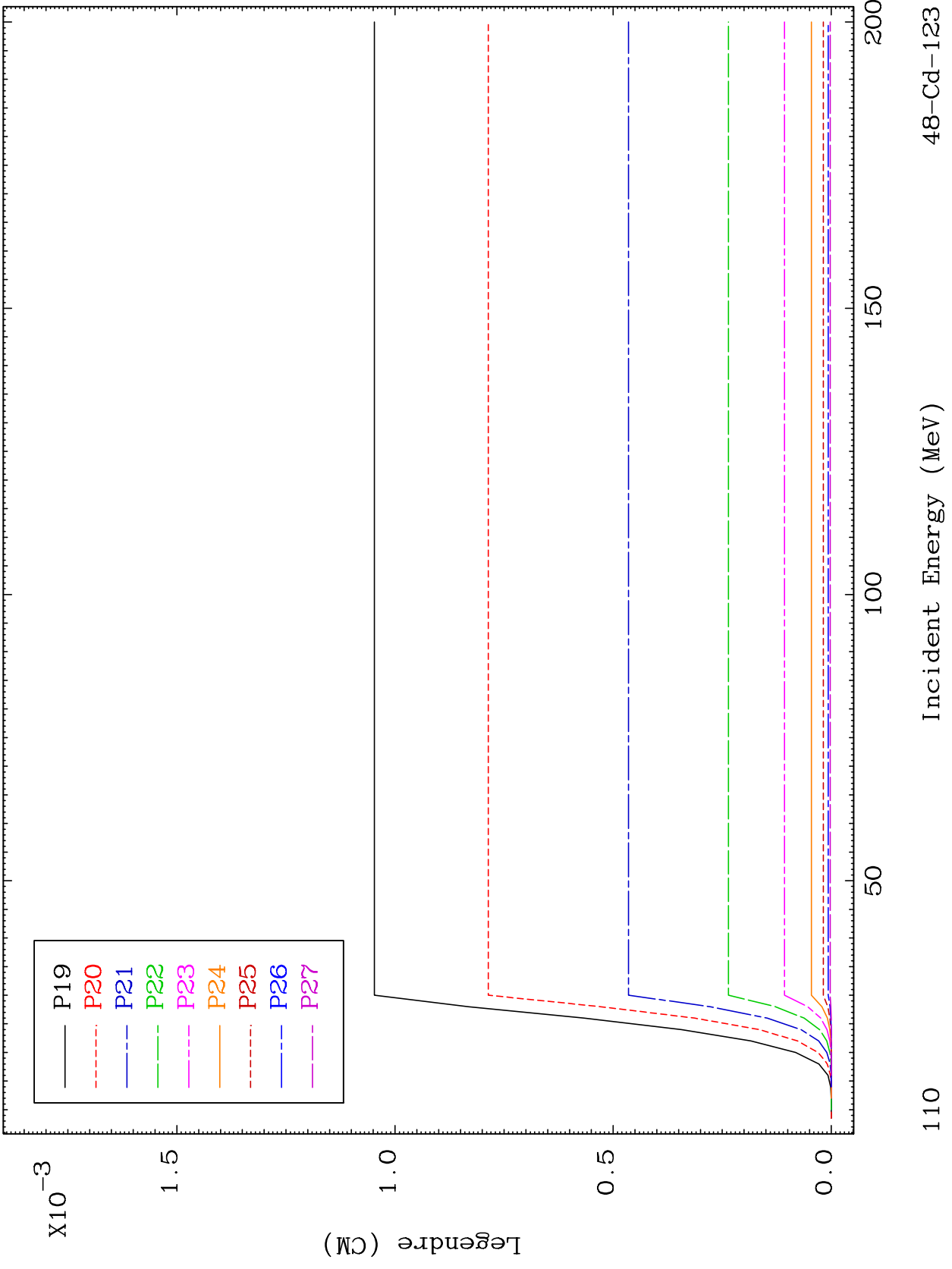
Incident Energy (MeV)

109

MAT 4876

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

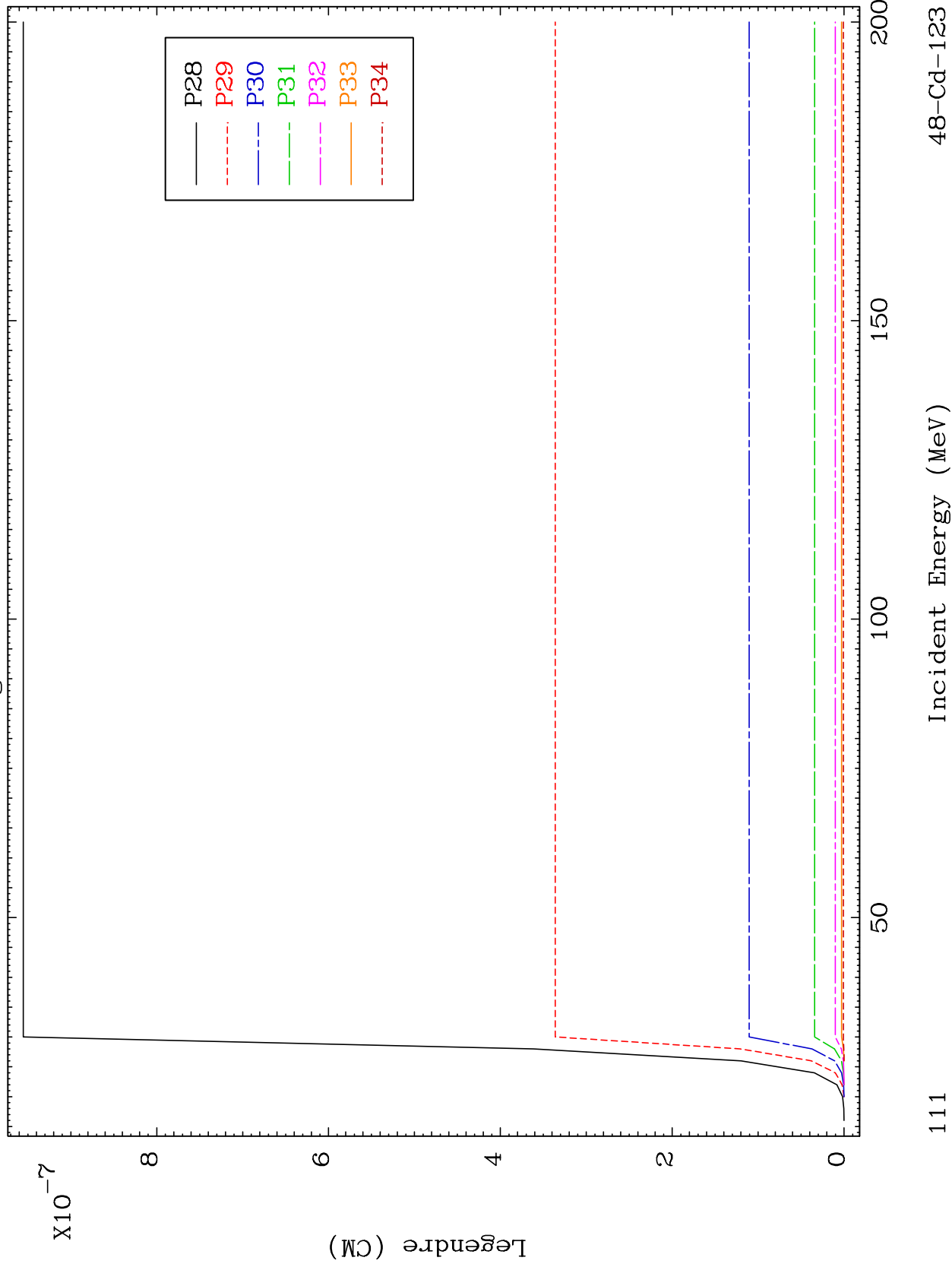
48-Cd-123



MAT 4876

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

48-Cd-123



111

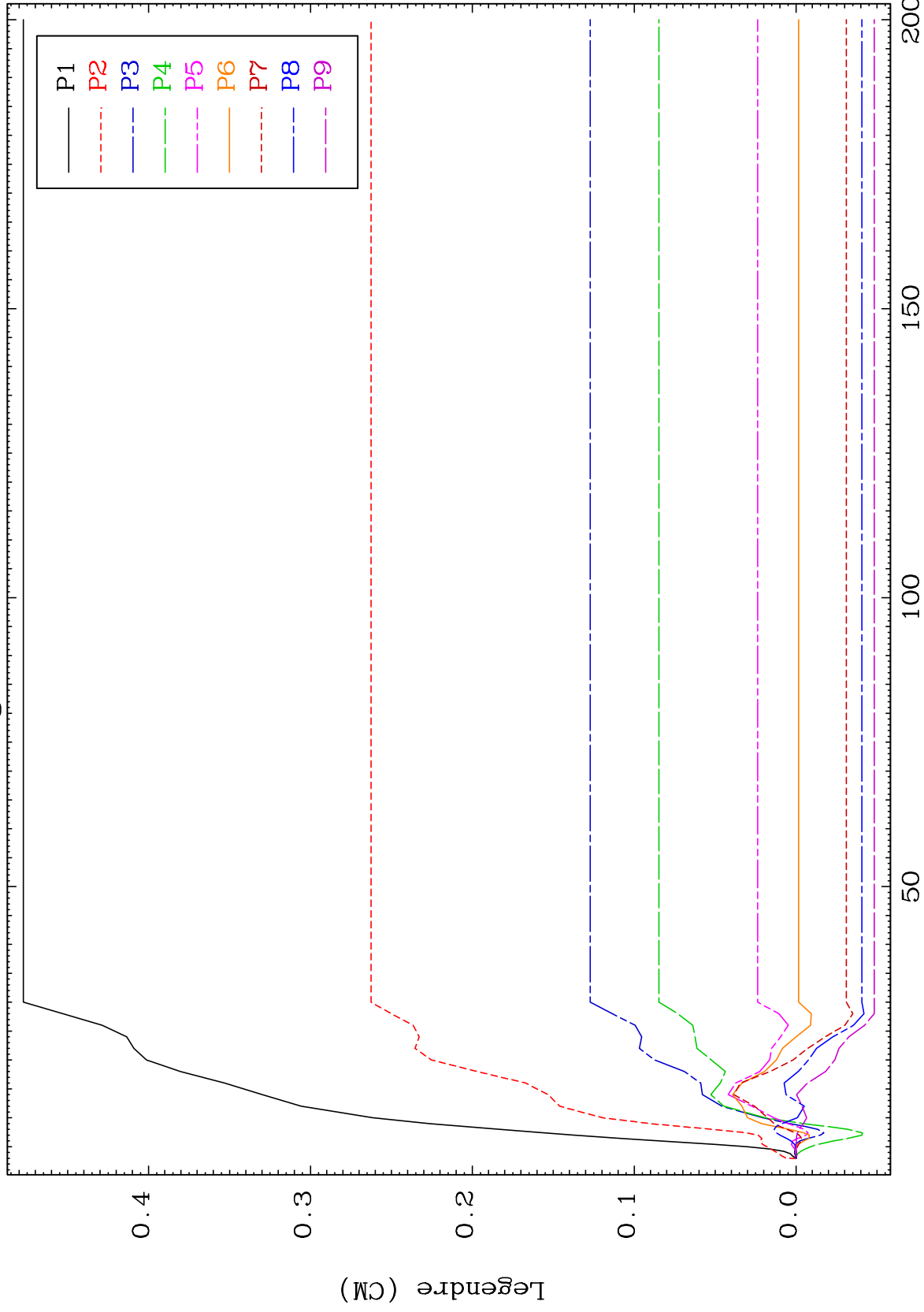
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



112

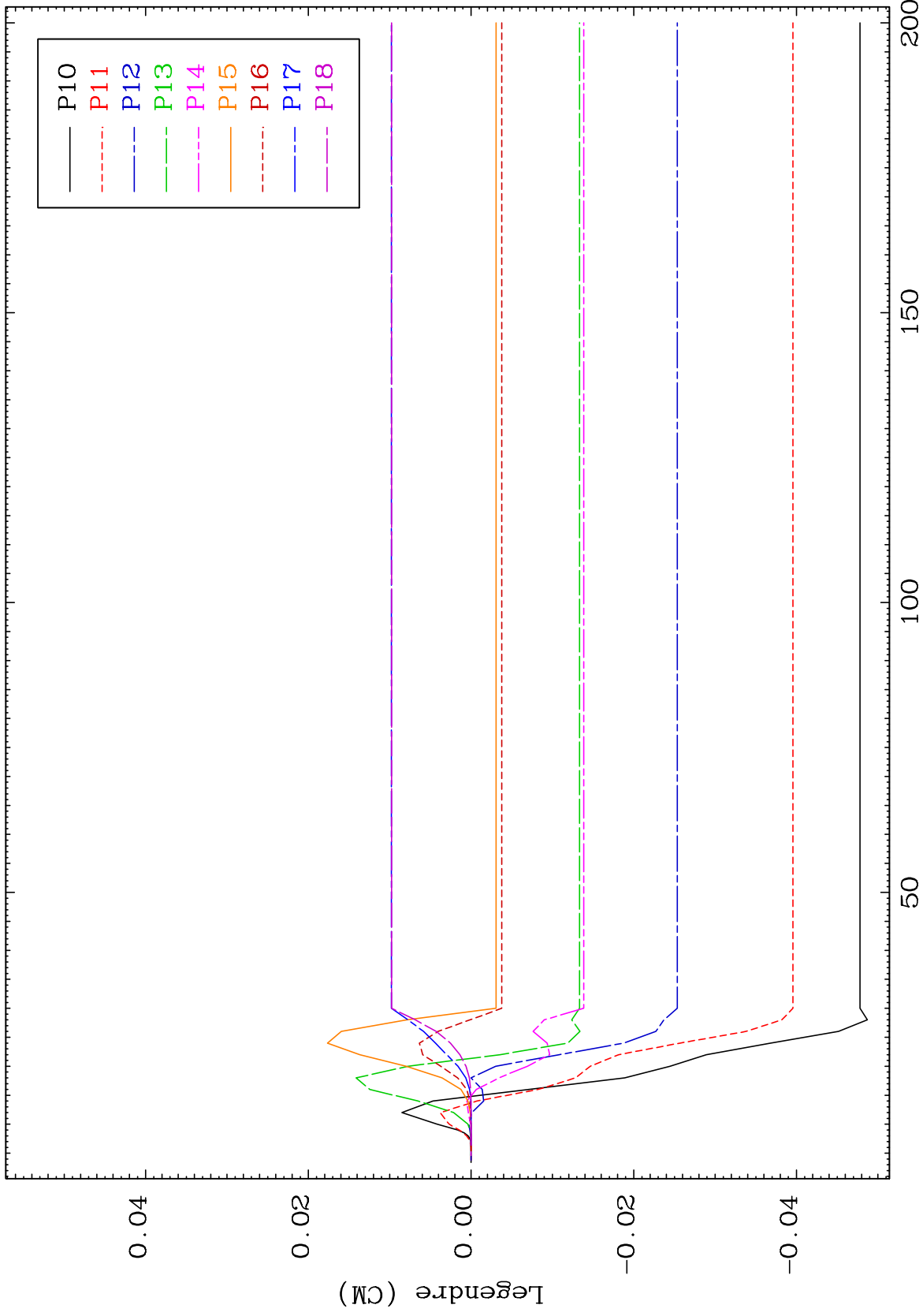
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



113

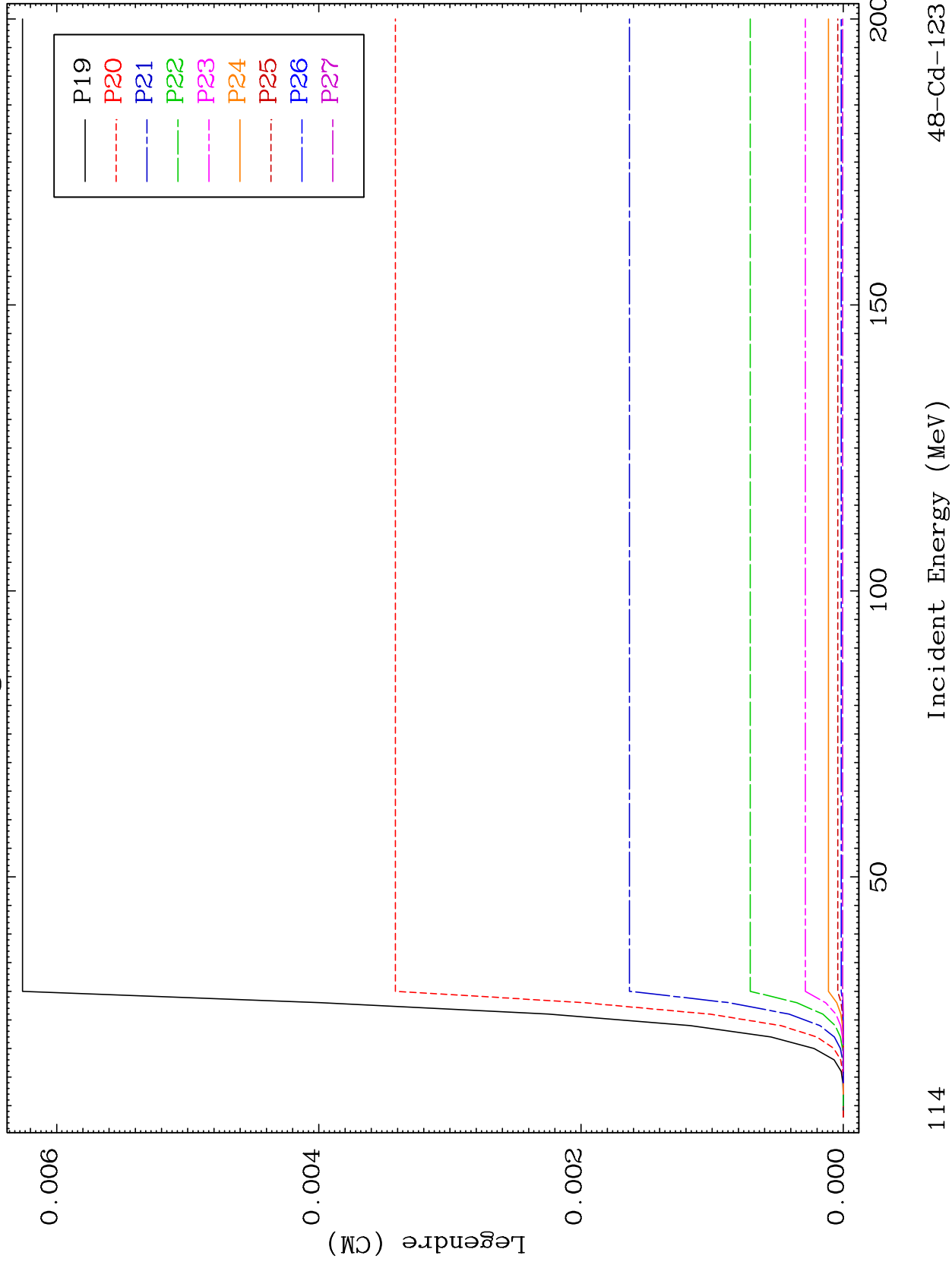
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



114

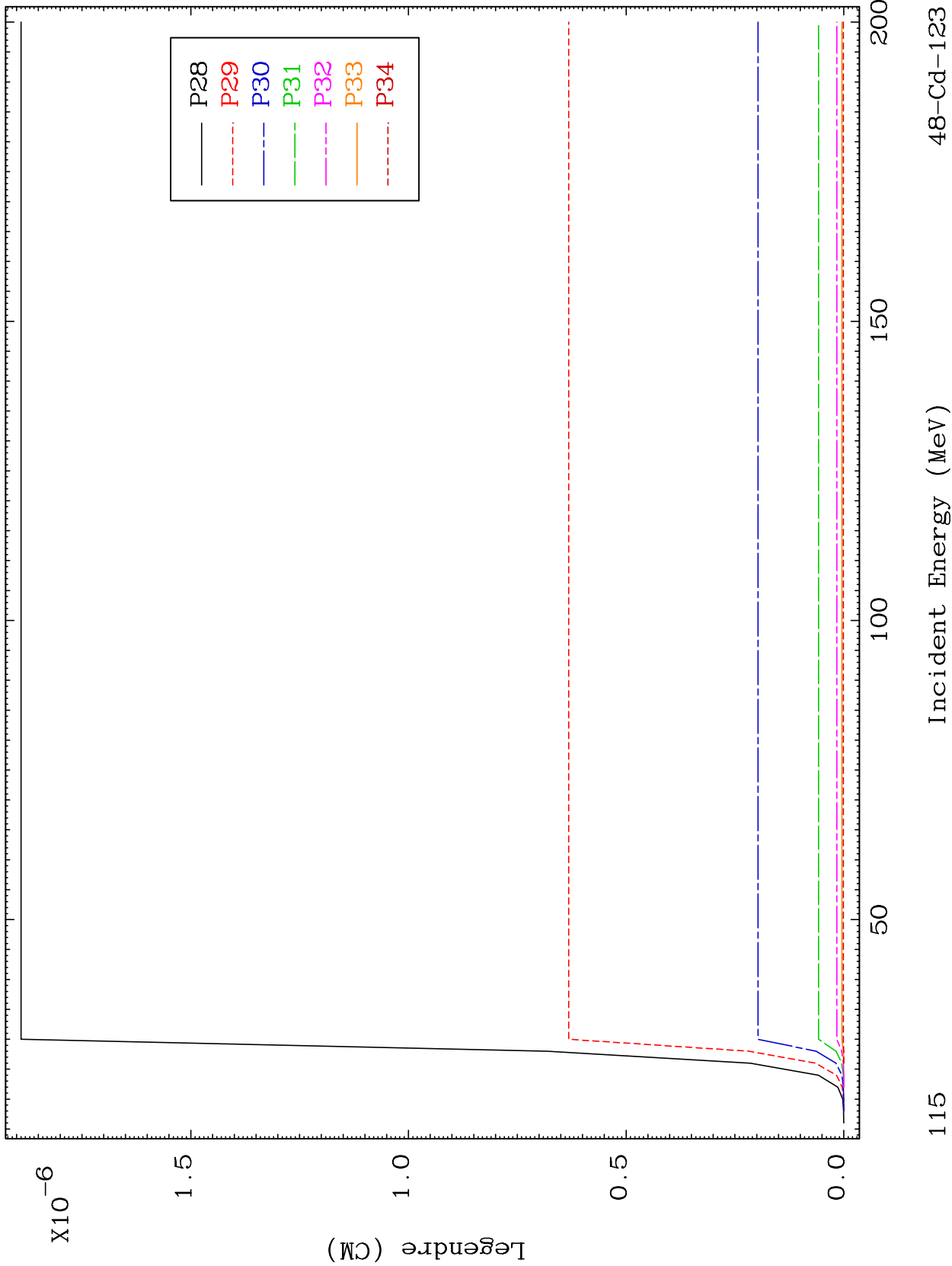
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



115

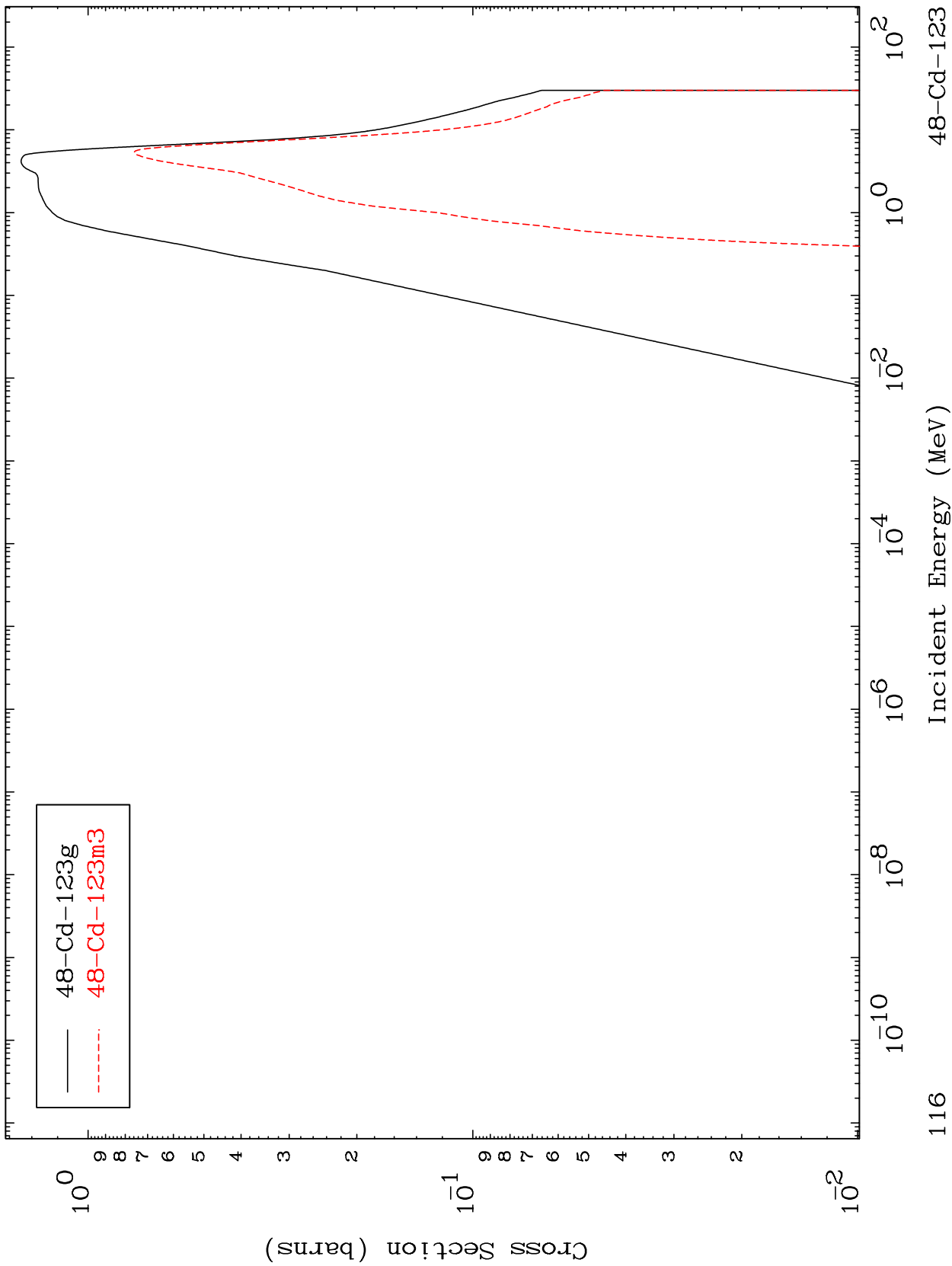
Incident Energy (MeV)

48-Cd-123

MAT 4876

Inelastic
Radionuclide Production Cross Section

48-Cd-123



116

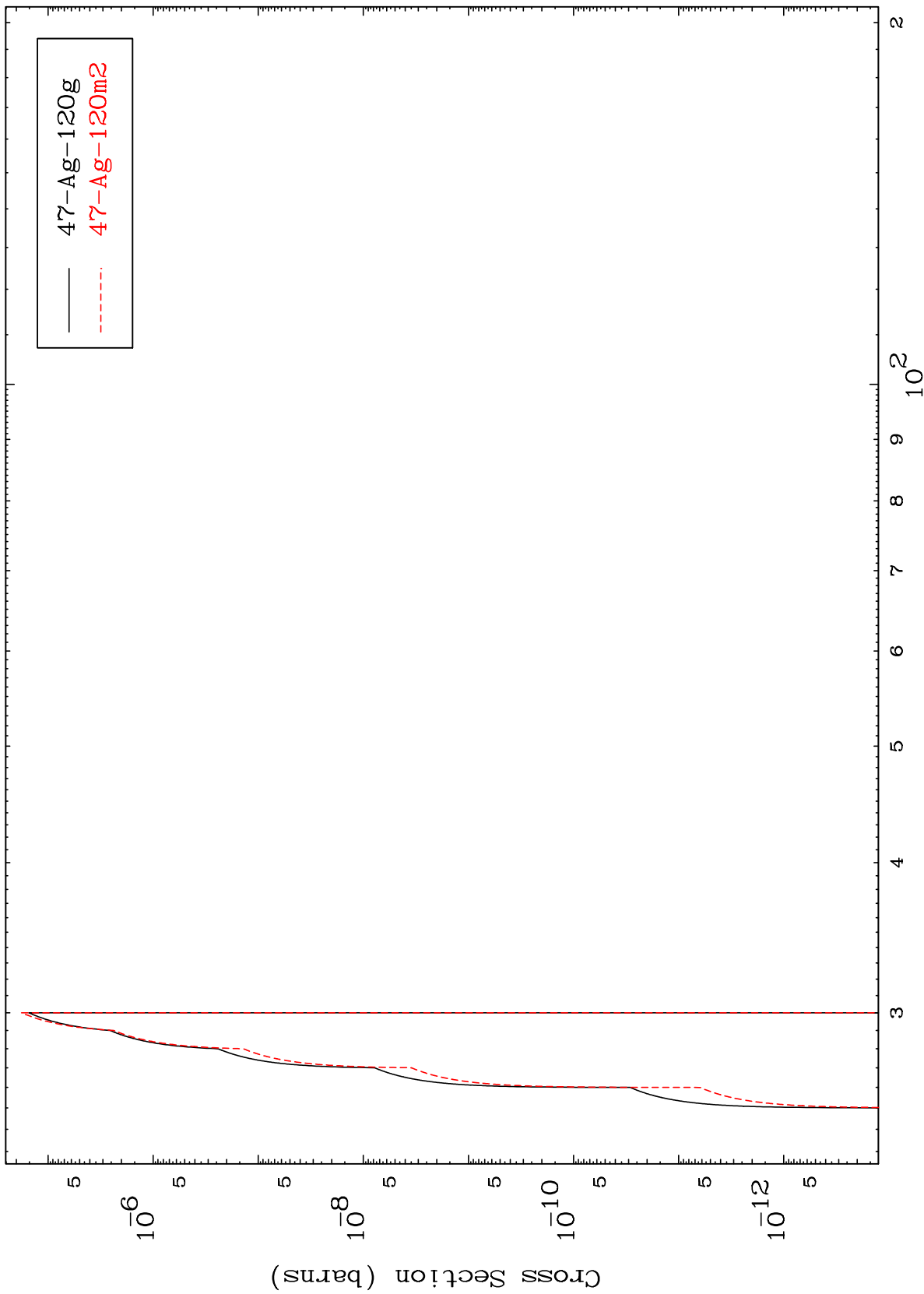
48-Cd-123

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



117

Incident Energy (MeV)

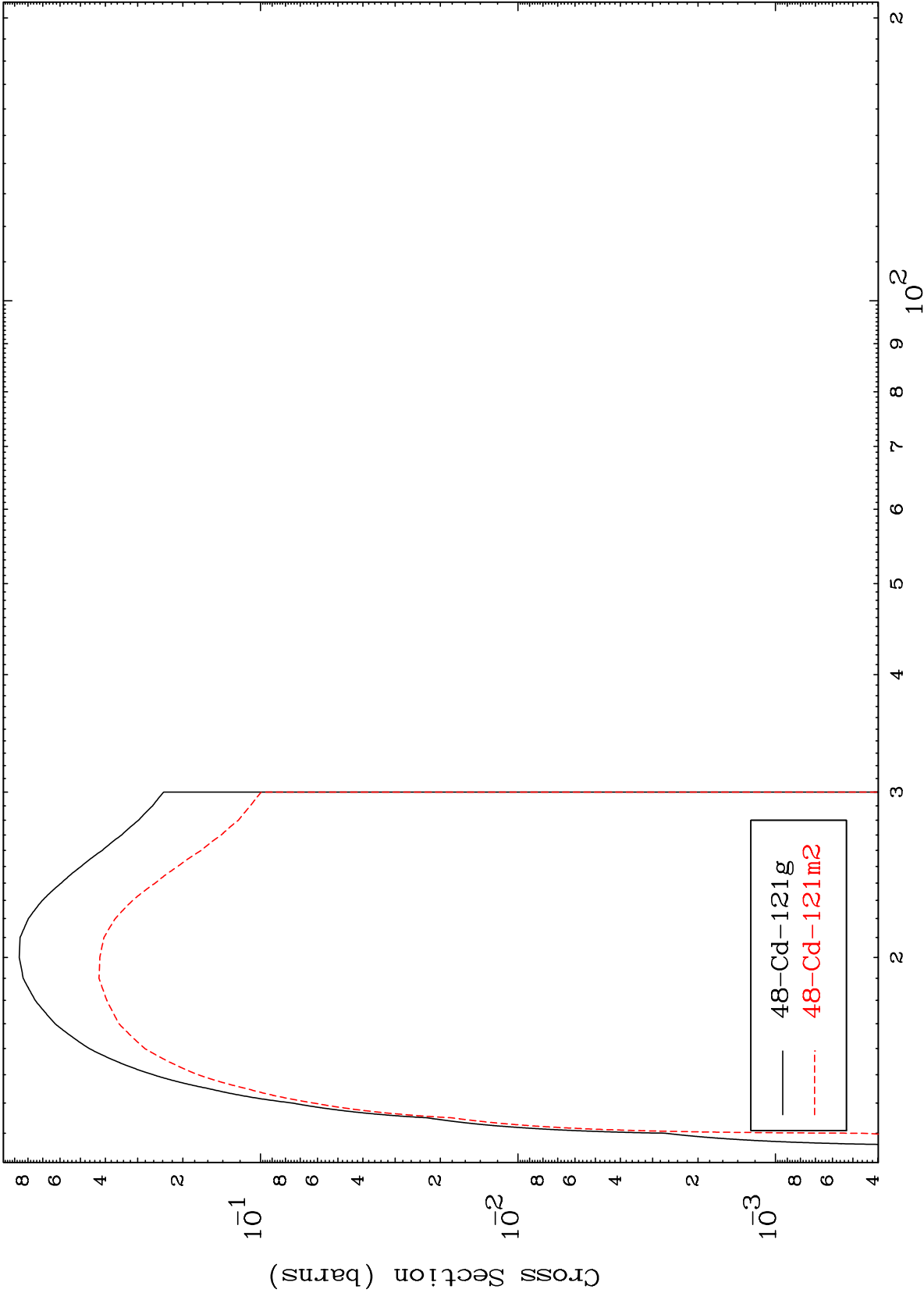
48-Cd-123

MAT 4876

(n,3n)

48-Cd-123

Radionuclide Production Cross Section

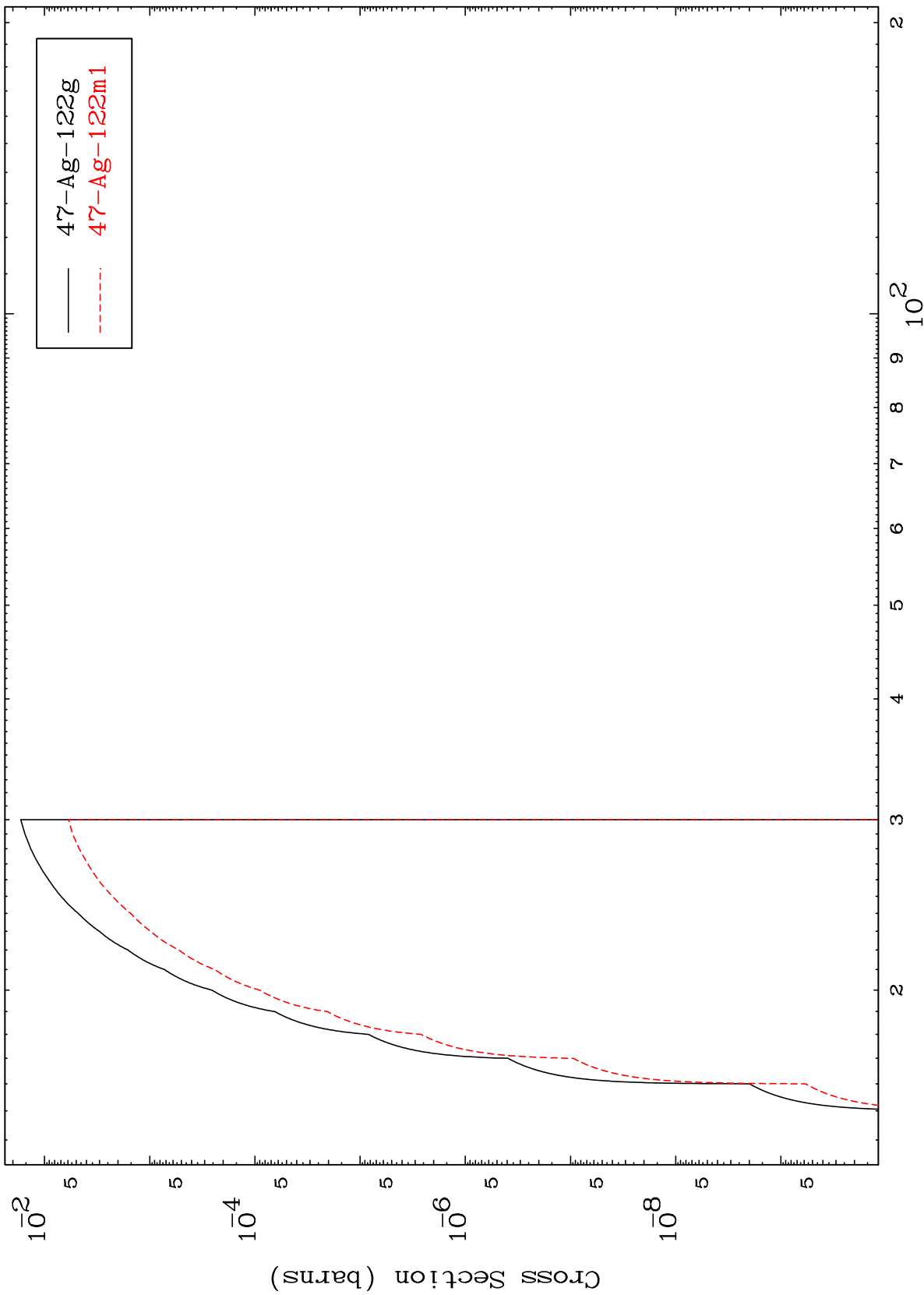


118

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

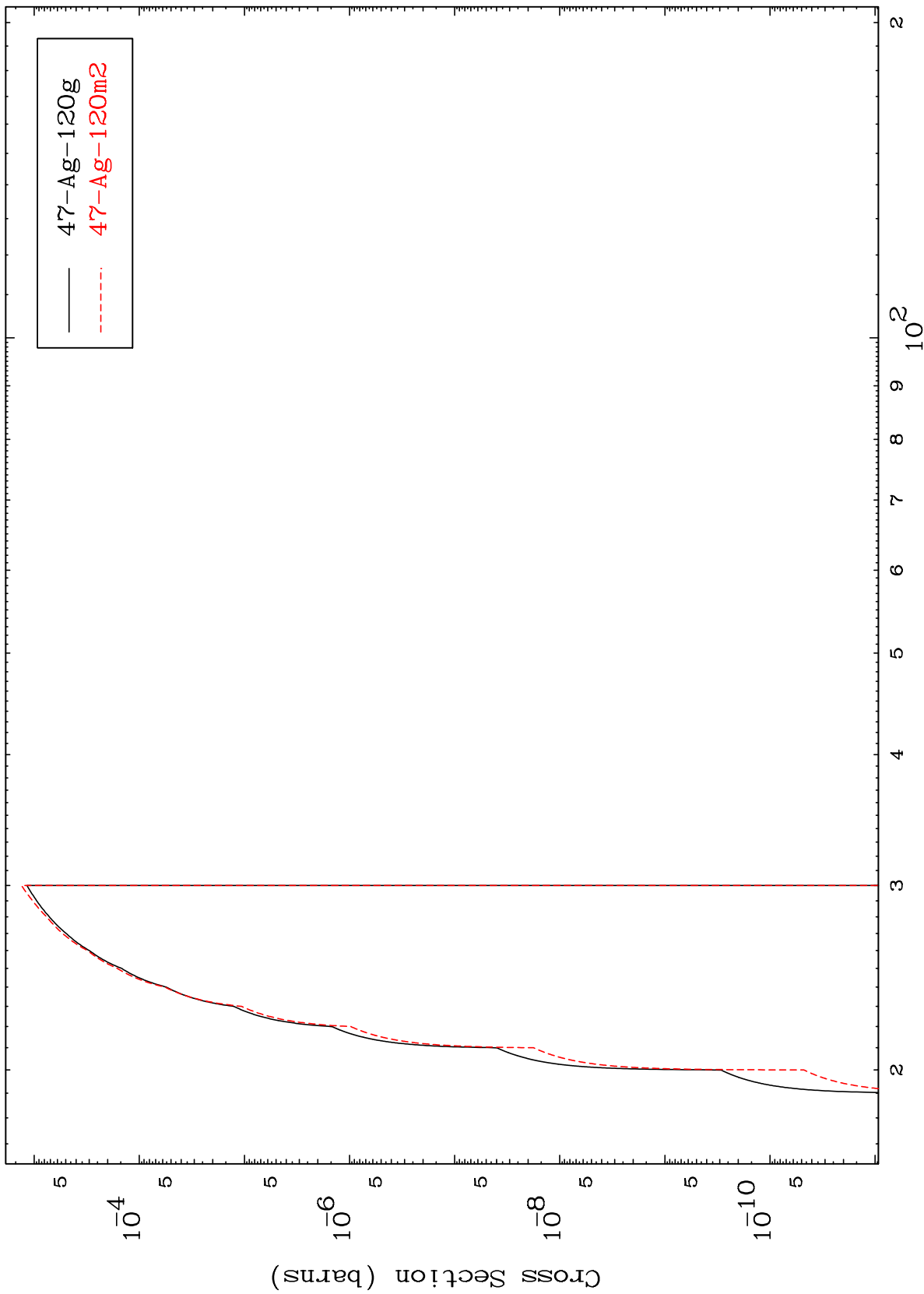


MAT 4876

(n,n') t

48-Cd-123

Radionuclide Production Cross Section



120

Incident Energy (MeV)

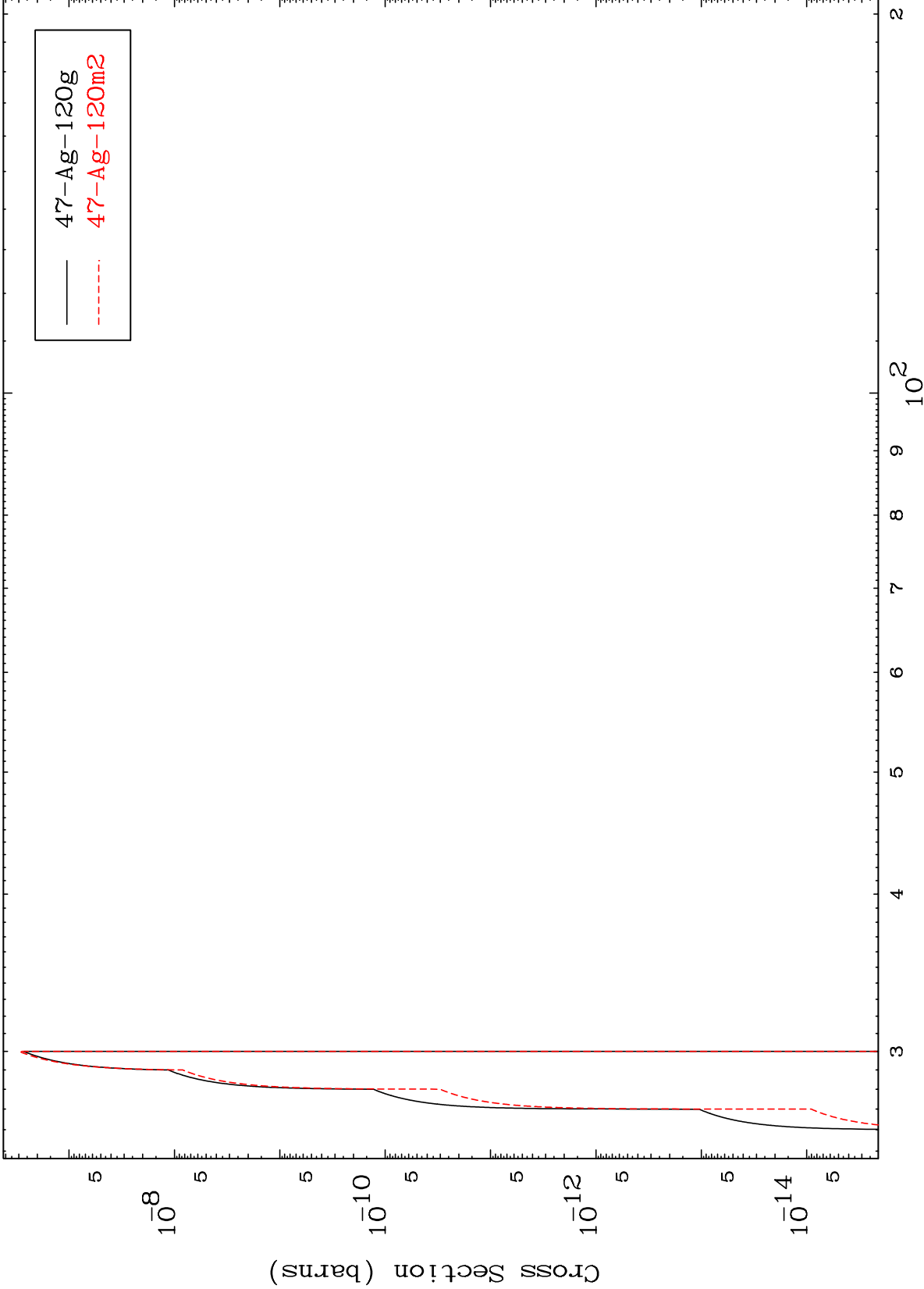
48-Cd-123

MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



47-Ag-120g
47-Ag-120m2

121

Incident Energy (MeV)

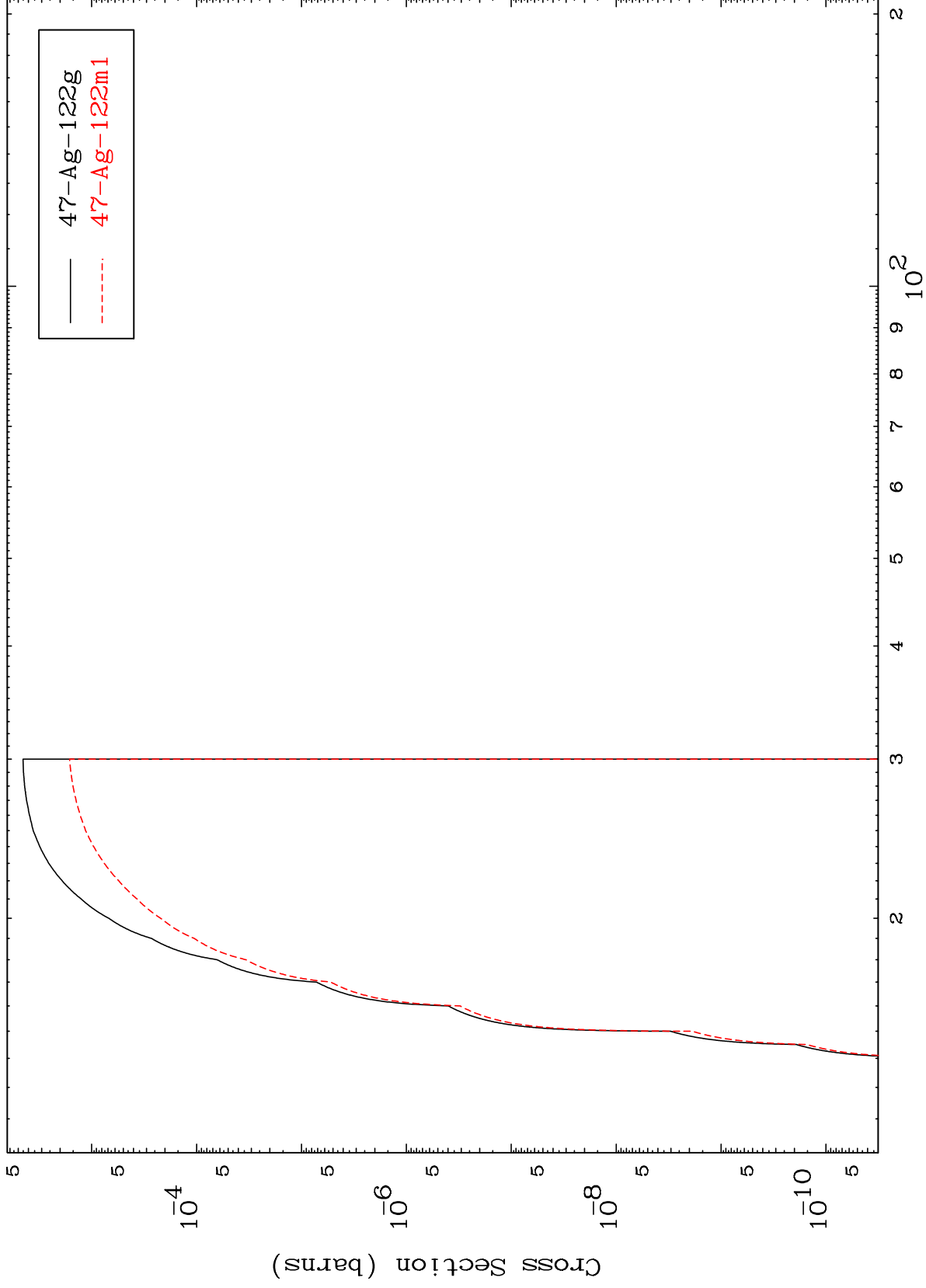
48-Cd-123

MAT 4876

(n,d)

48-Cd-123

Radionuclide Production Cross Section



122

Incident Energy (MeV)

48-Cd-123