

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

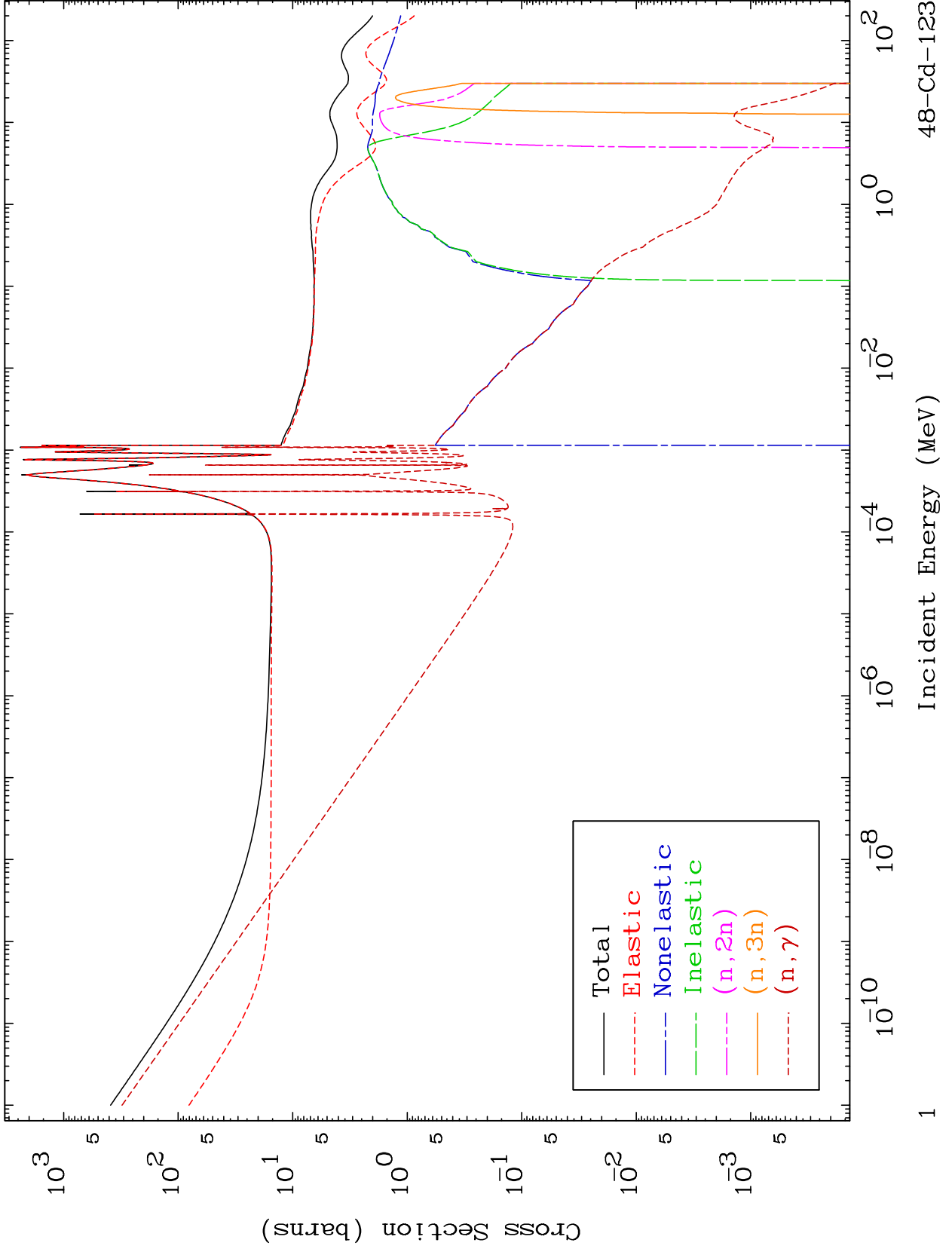
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4876

Neutron Major
293 Kelvin Cross Sections

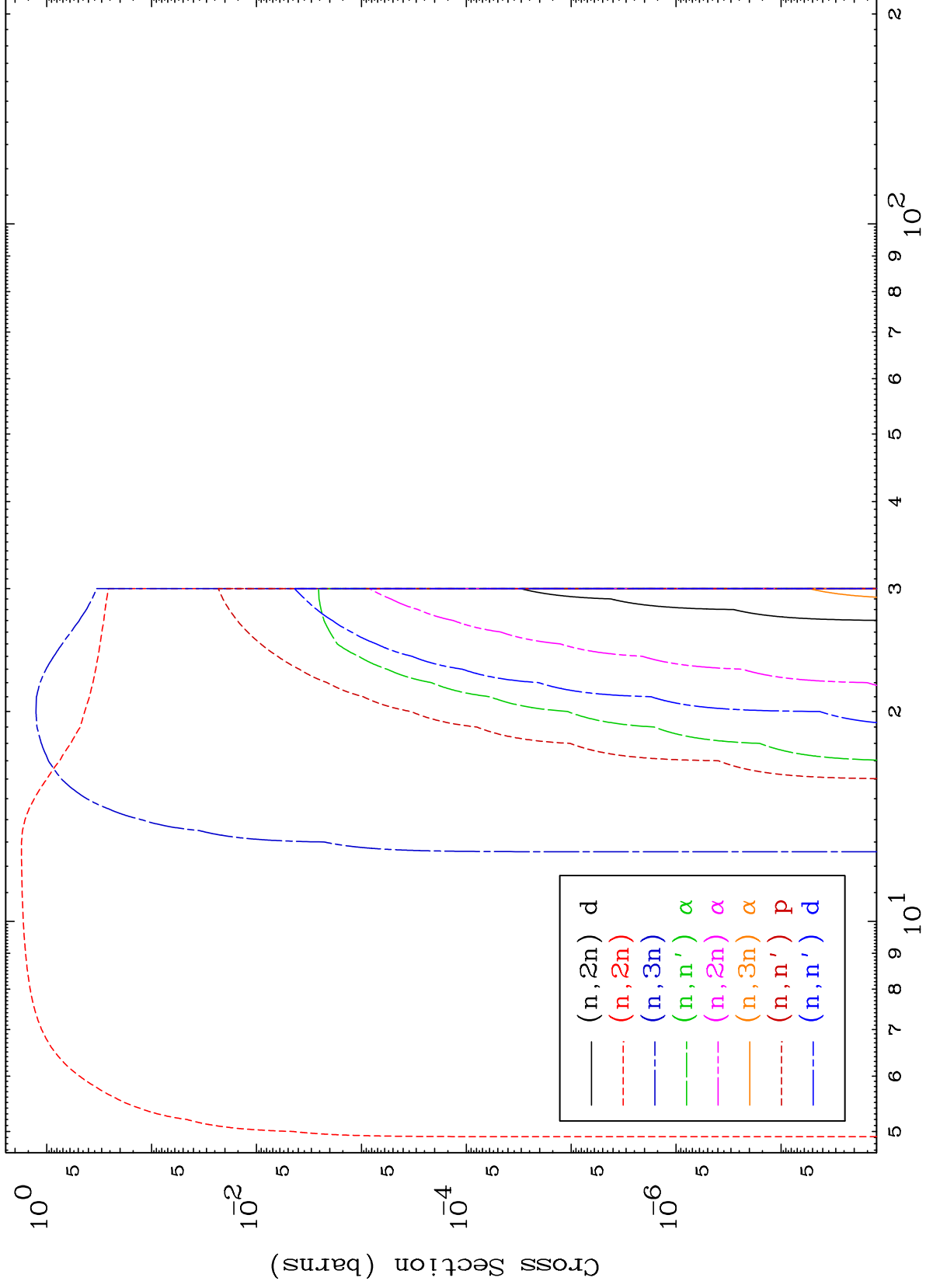
48-Cd-123



MAT 4876

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-123



Incident Energy (MeV)

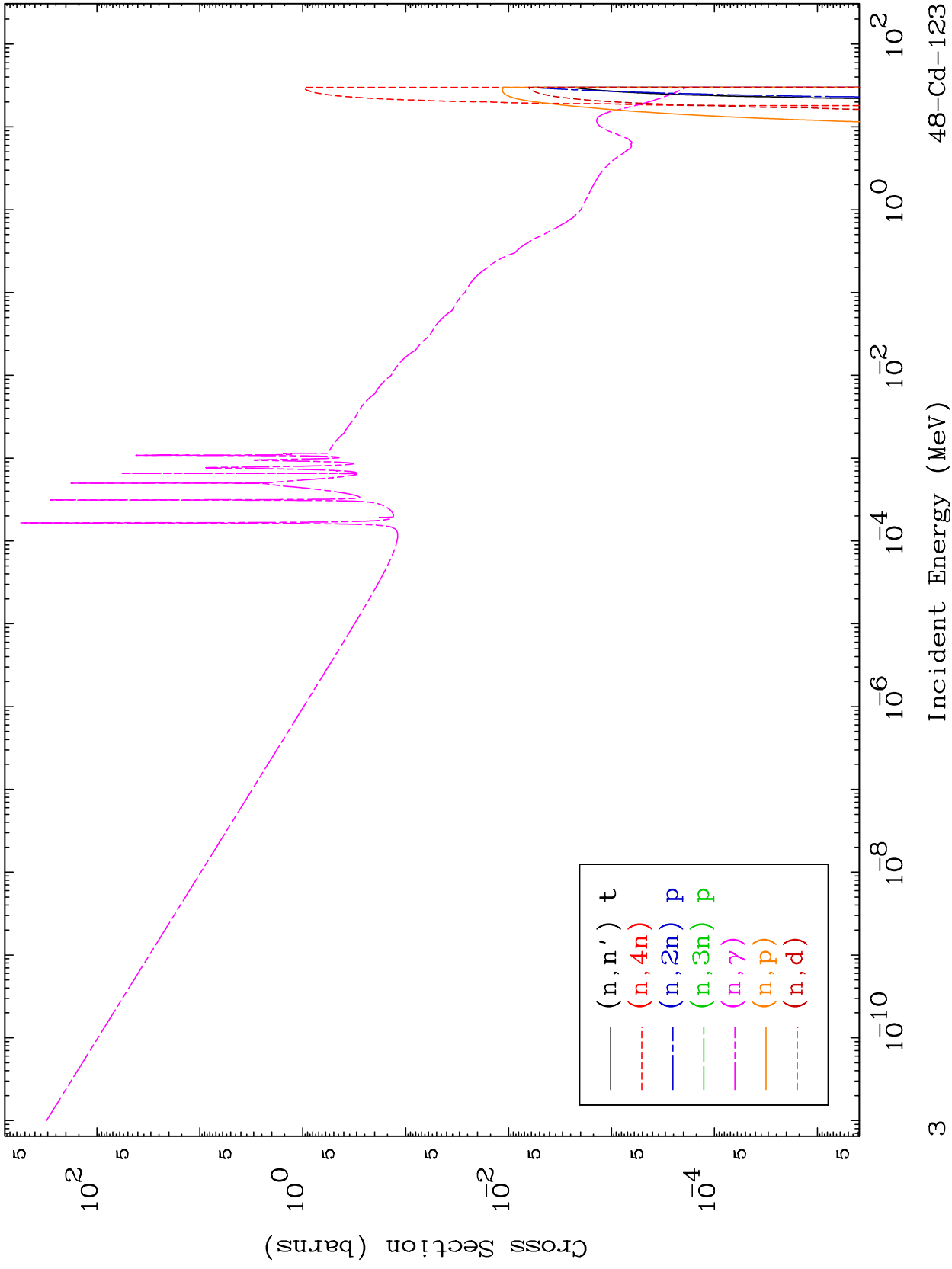
48-Cd-123

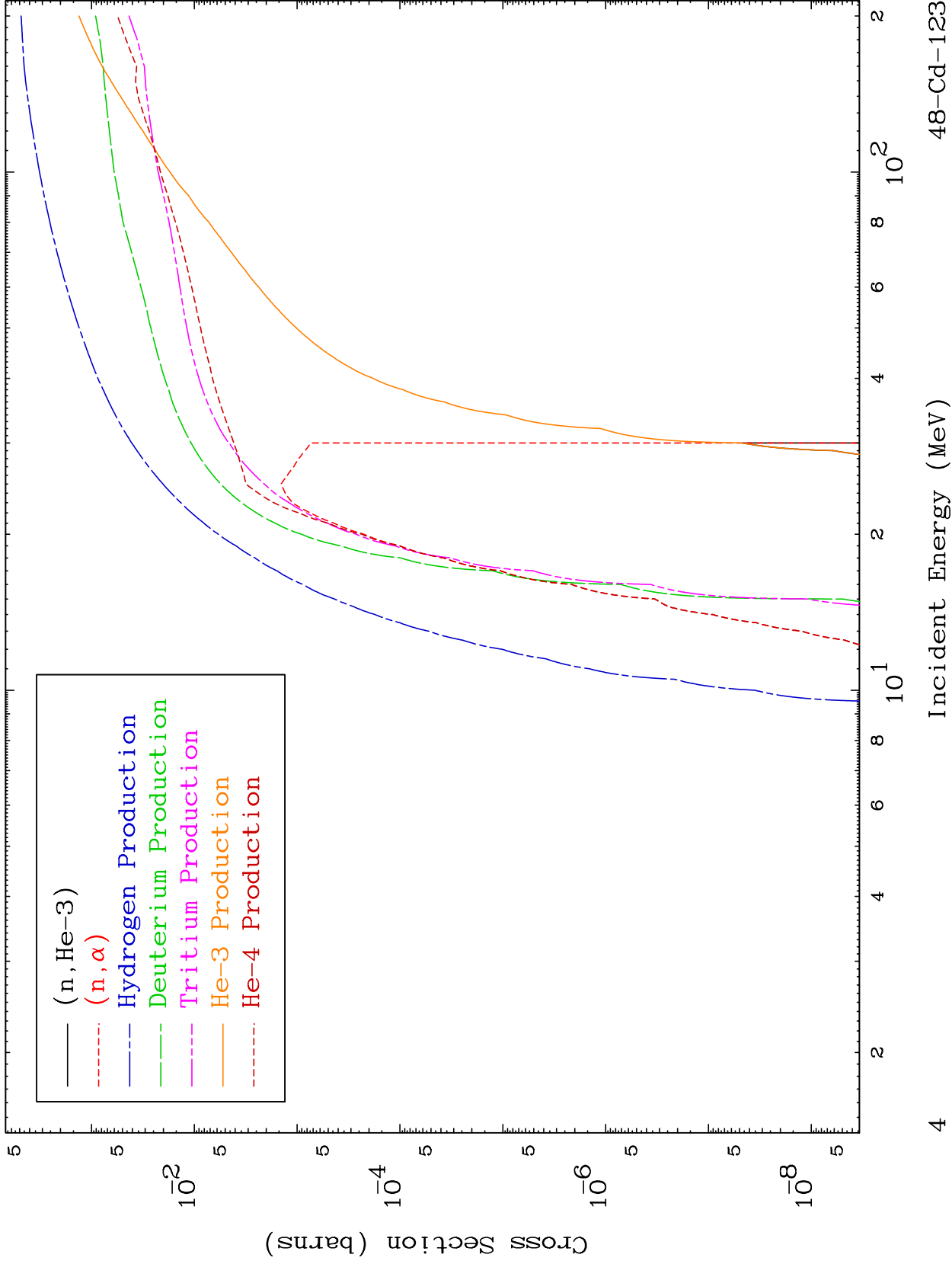
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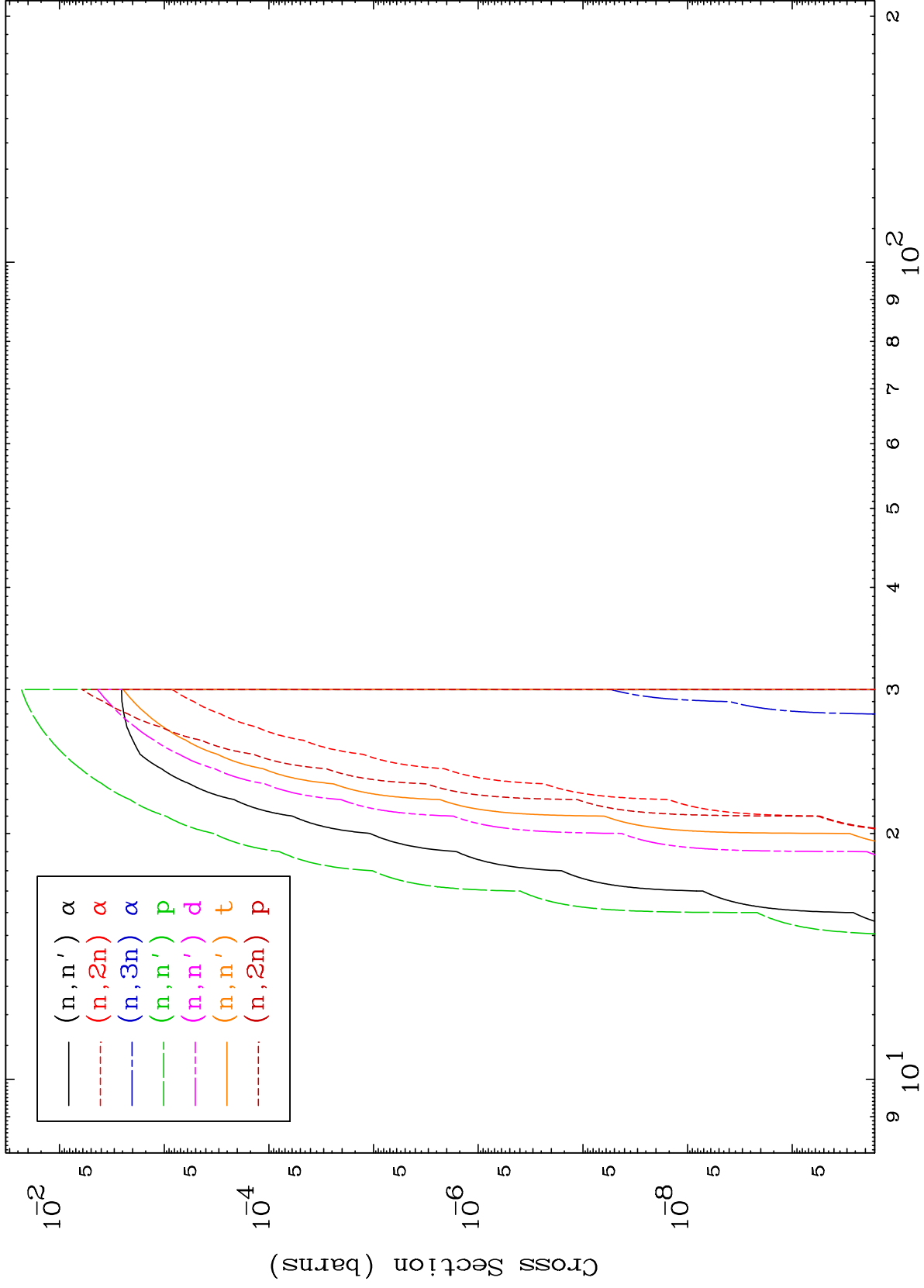
MAT 4876

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-123



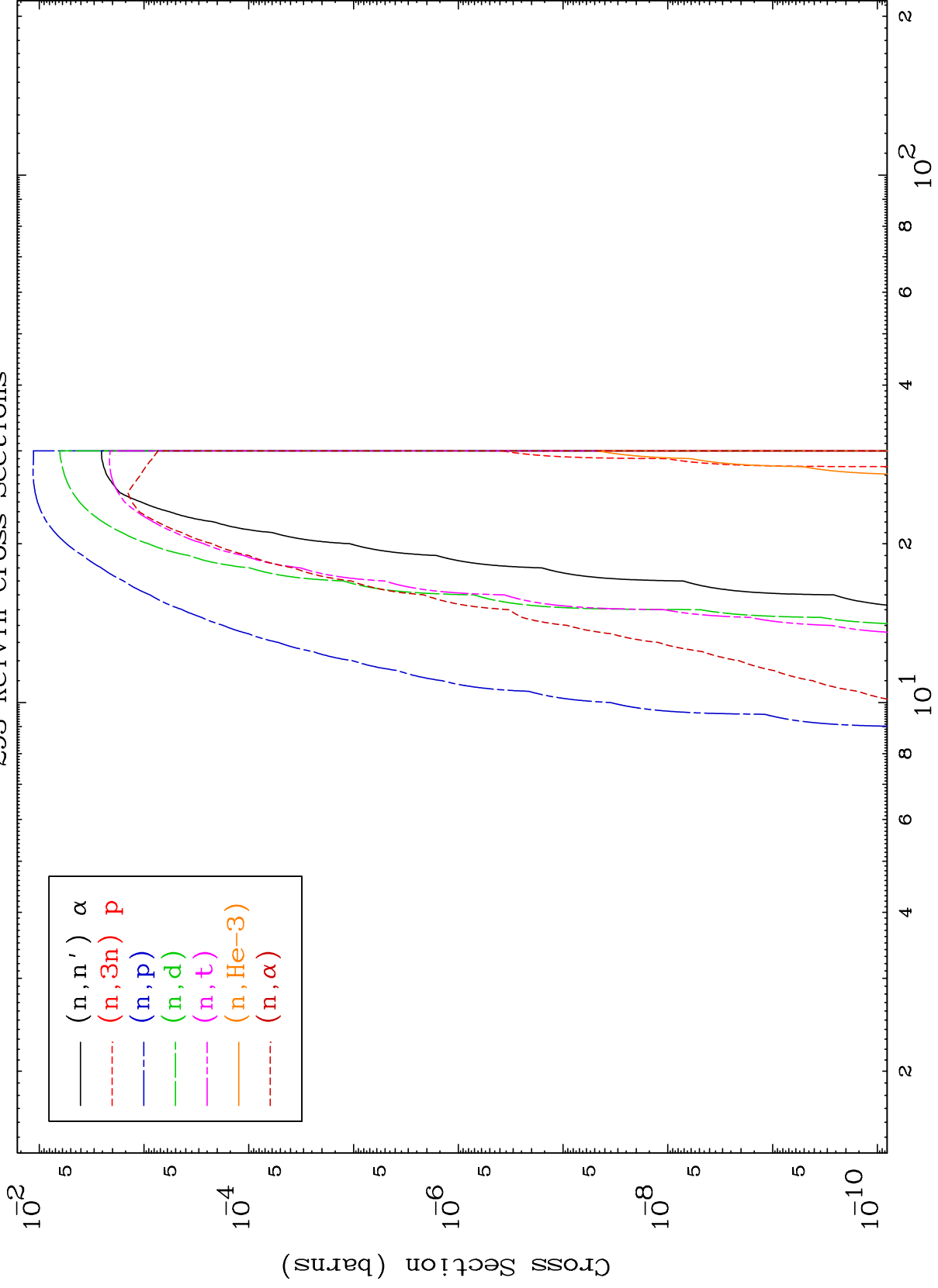




MAT 4876

Charged Particle
293 Kelvin Cross Sections

48-Cd-123



6

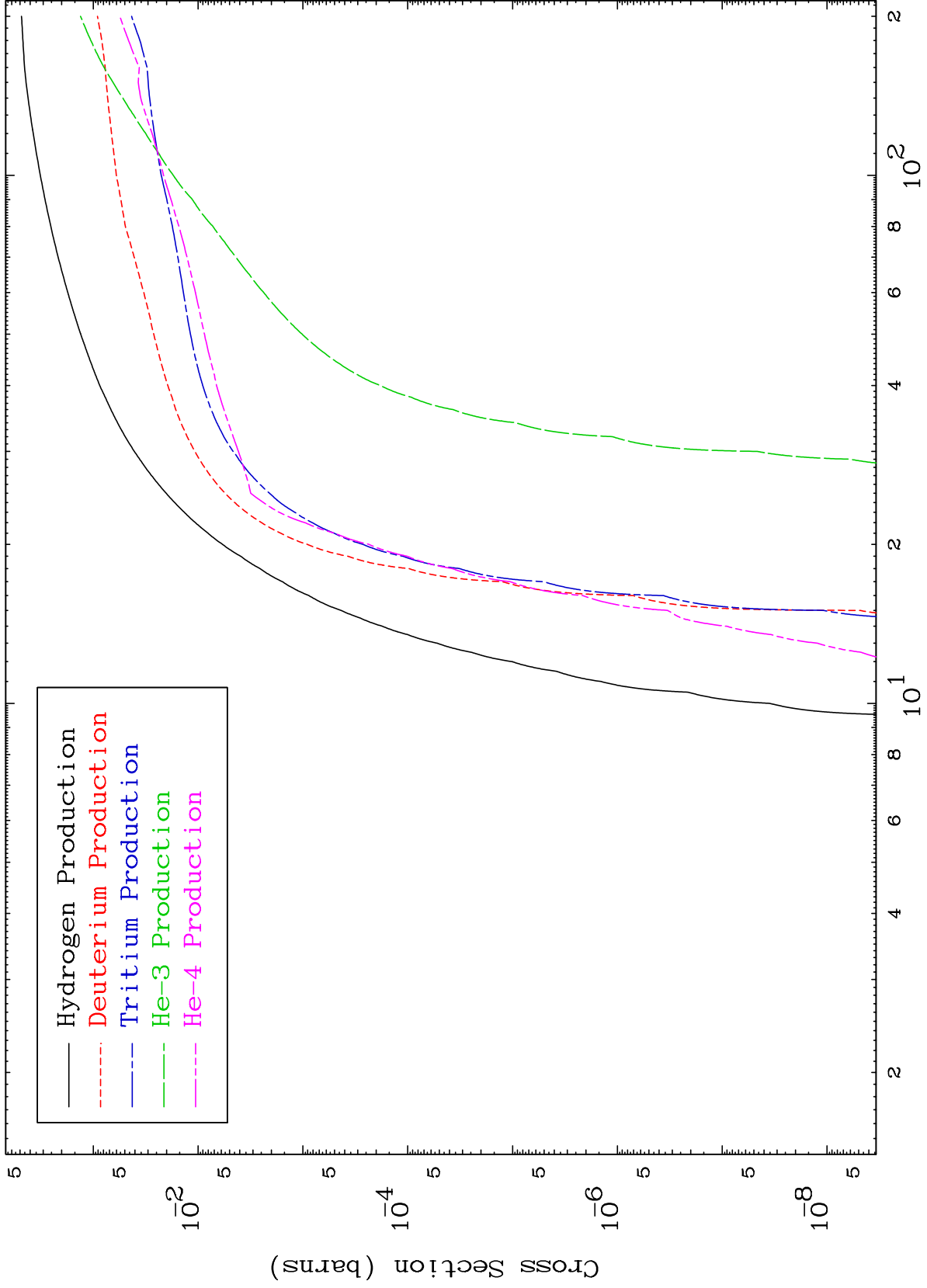
Incident Energy (MeV)

48-Cd-123

MAT 4876

Particle Production
293 Kelvin Cross Sections

48-Cd-123

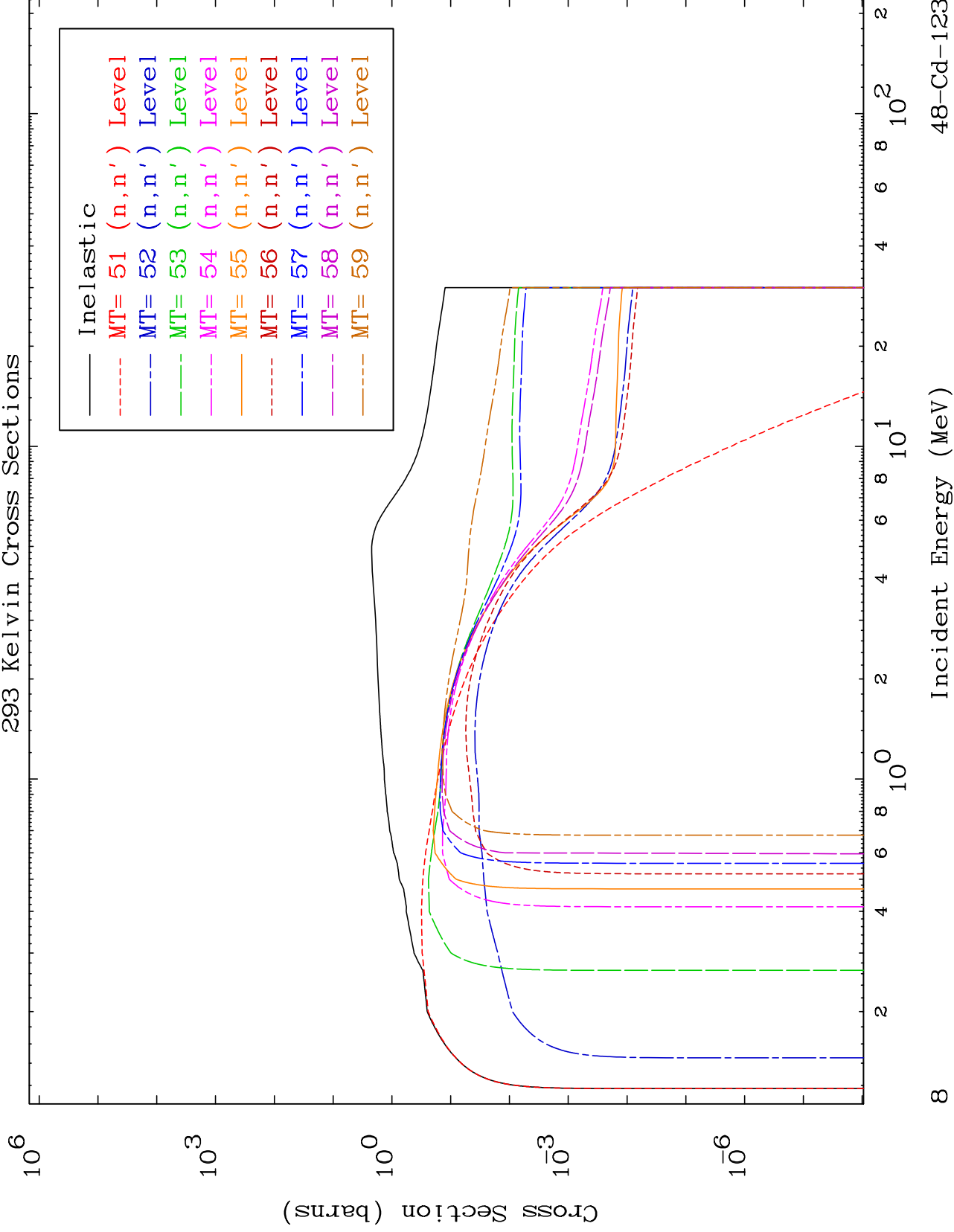


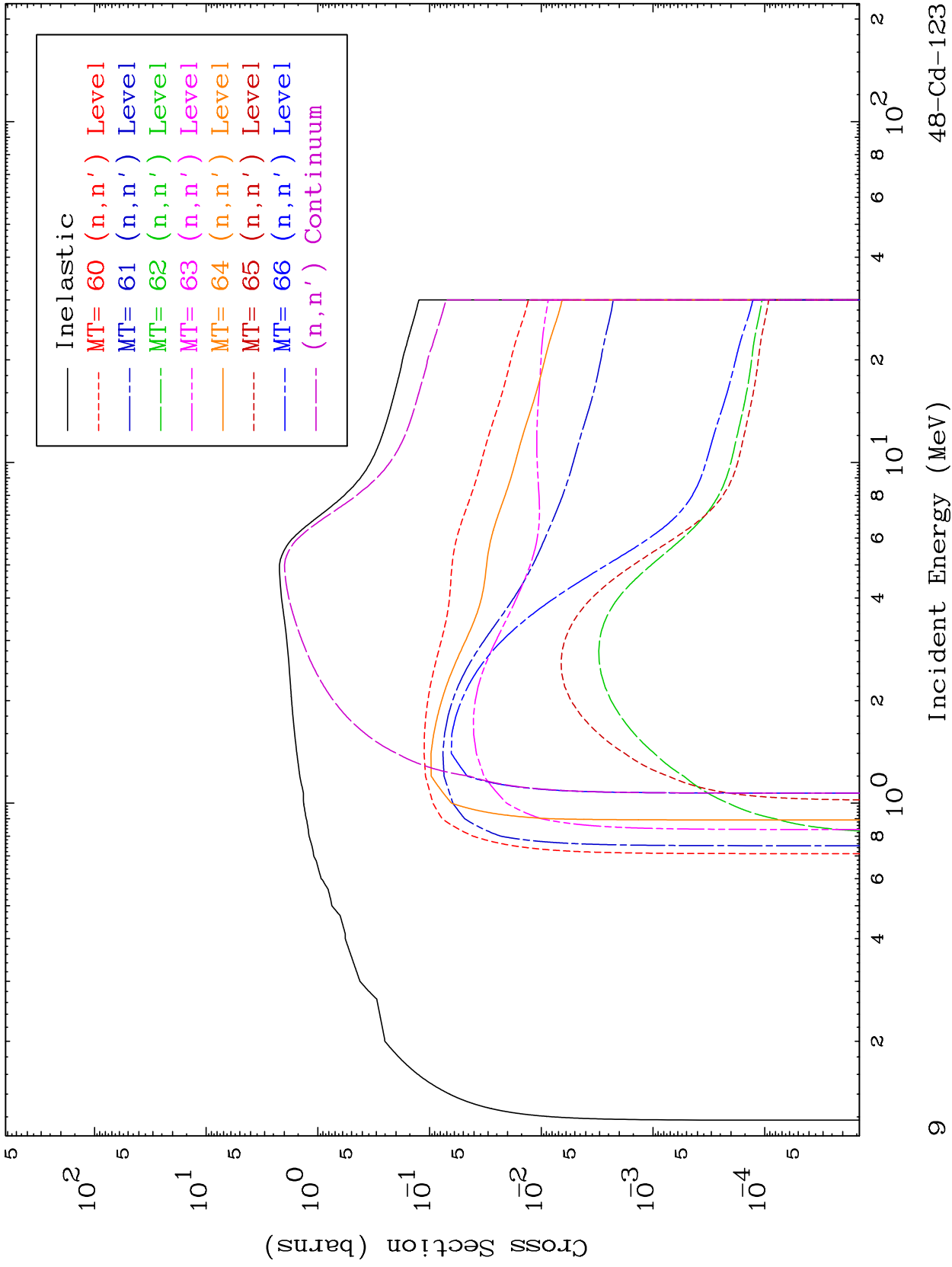
MAT 4876

(n,n') Levels

48-Cd-123

293 Kelvin Cross Sections

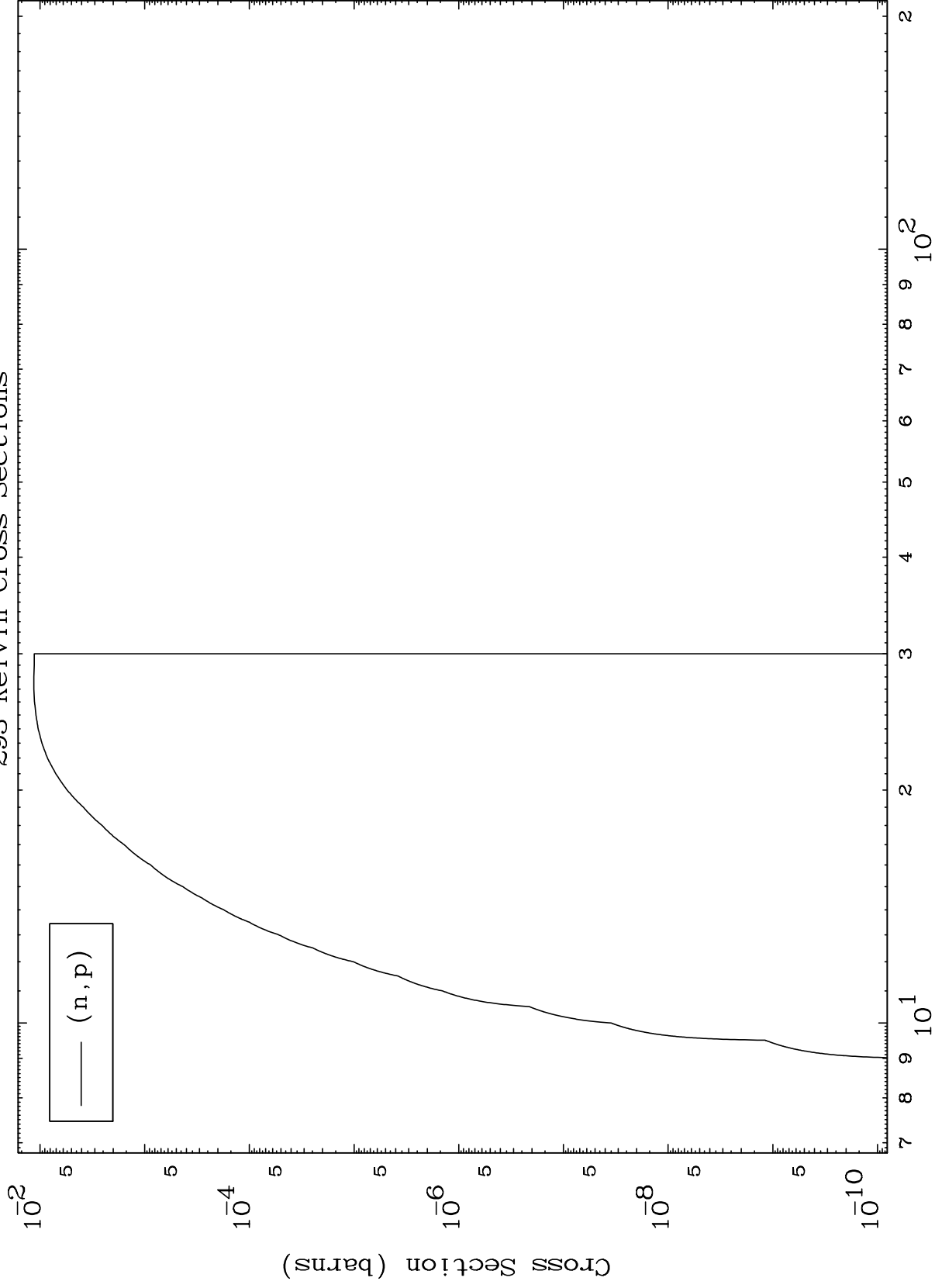




MAT 4876

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-123



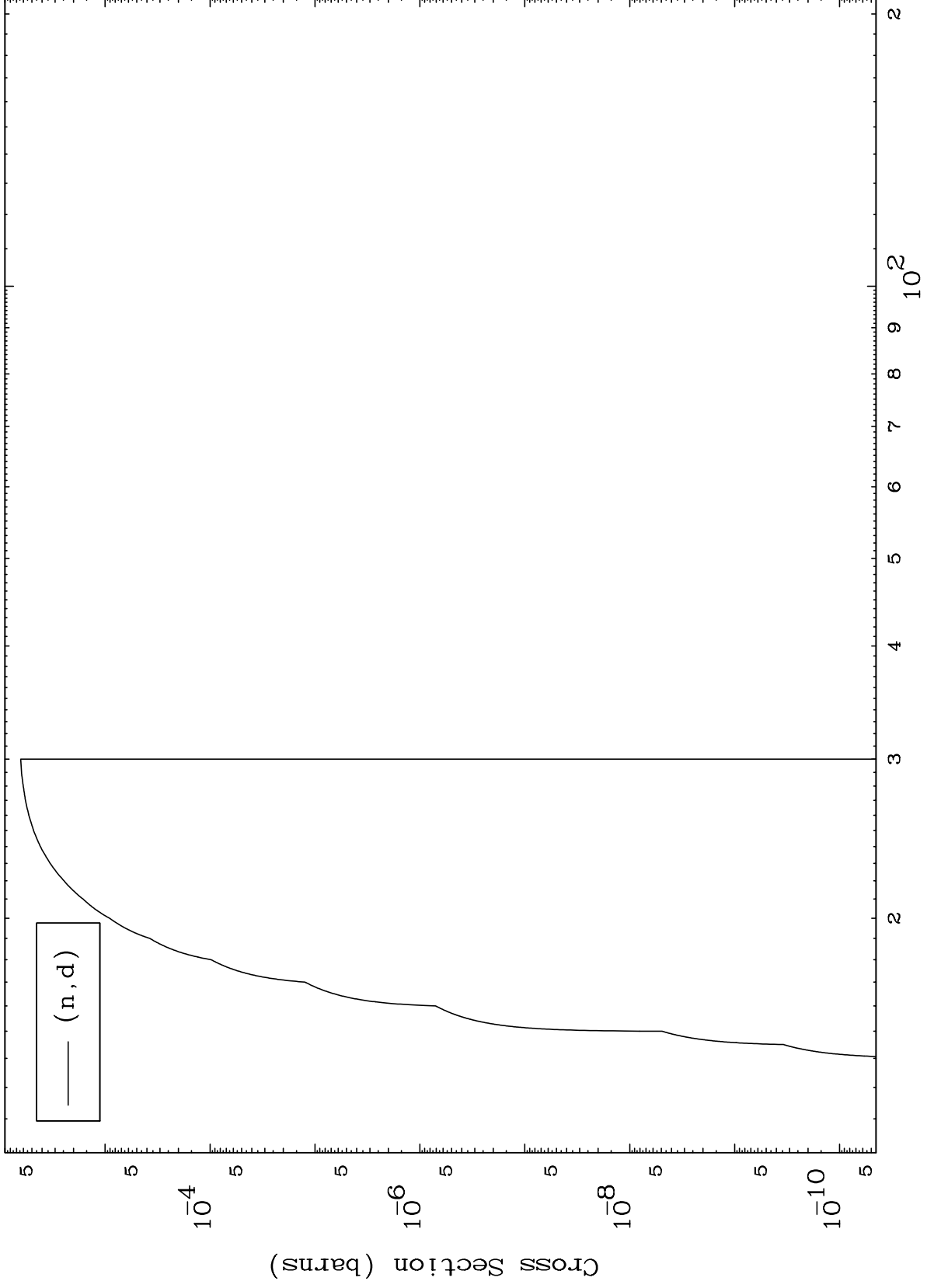
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,d) Levels
293 Kelvin Cross Sections

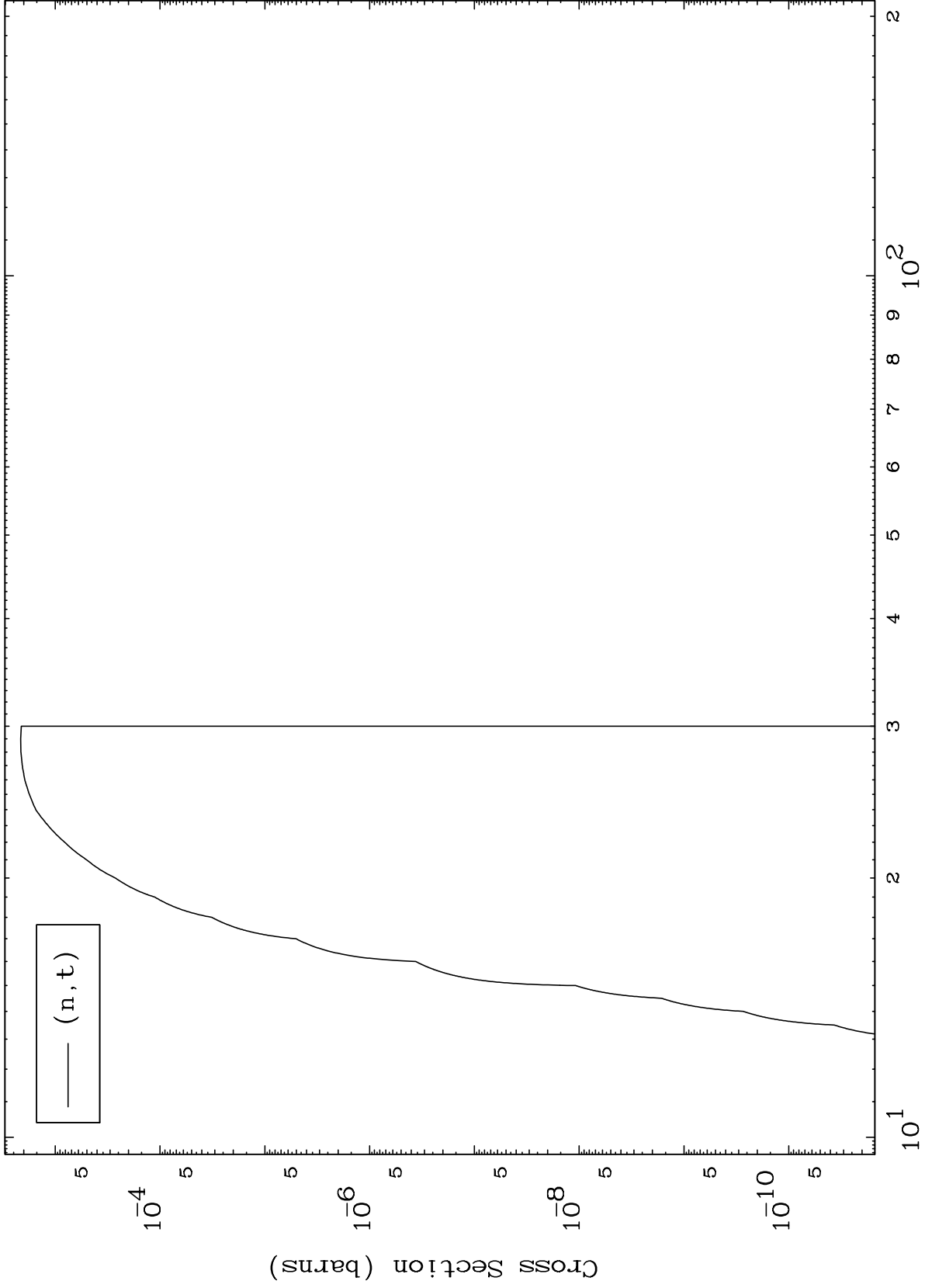
48-Cd-123



MAT 4876

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-123



12

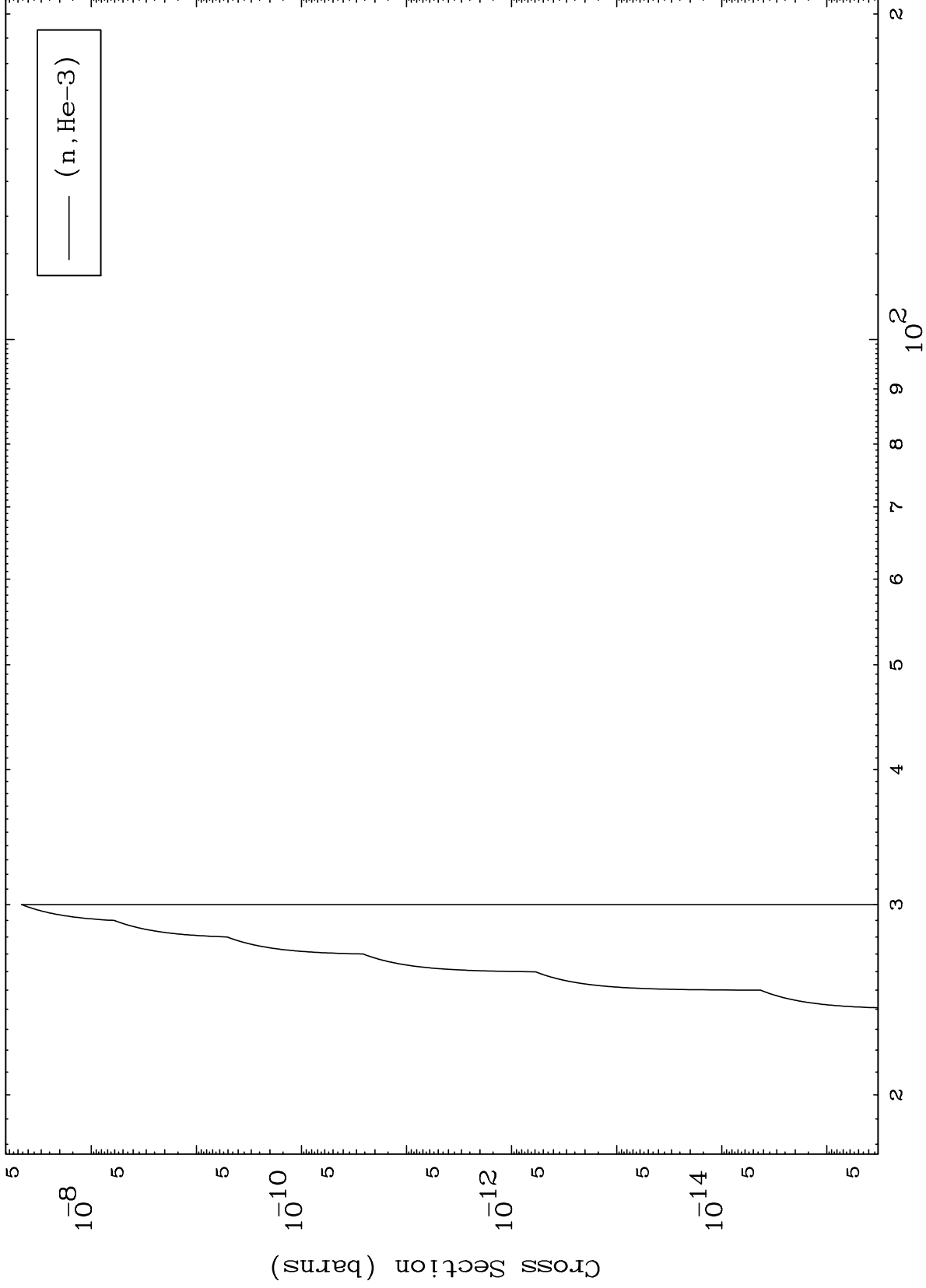
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-123



13

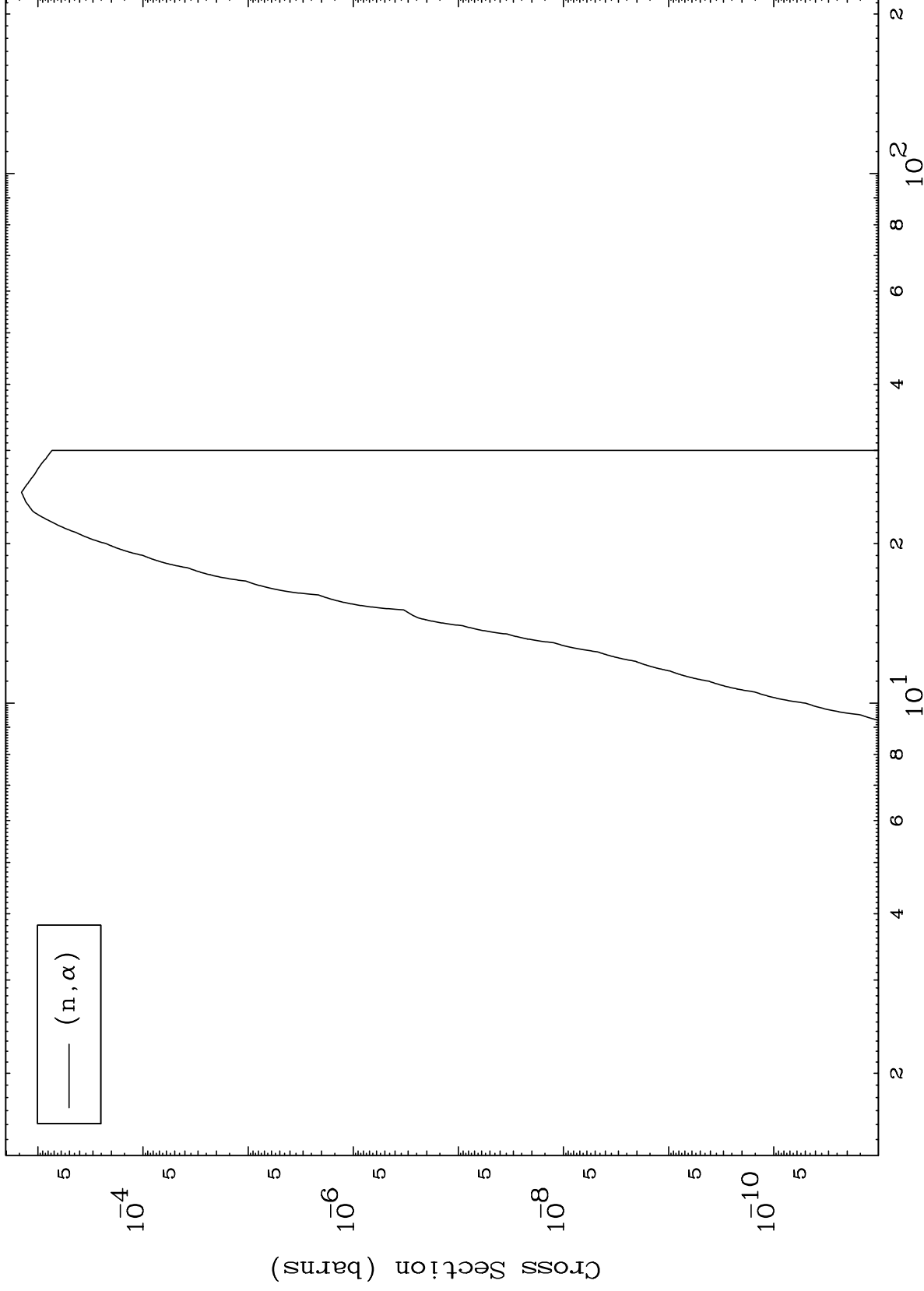
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-123



14

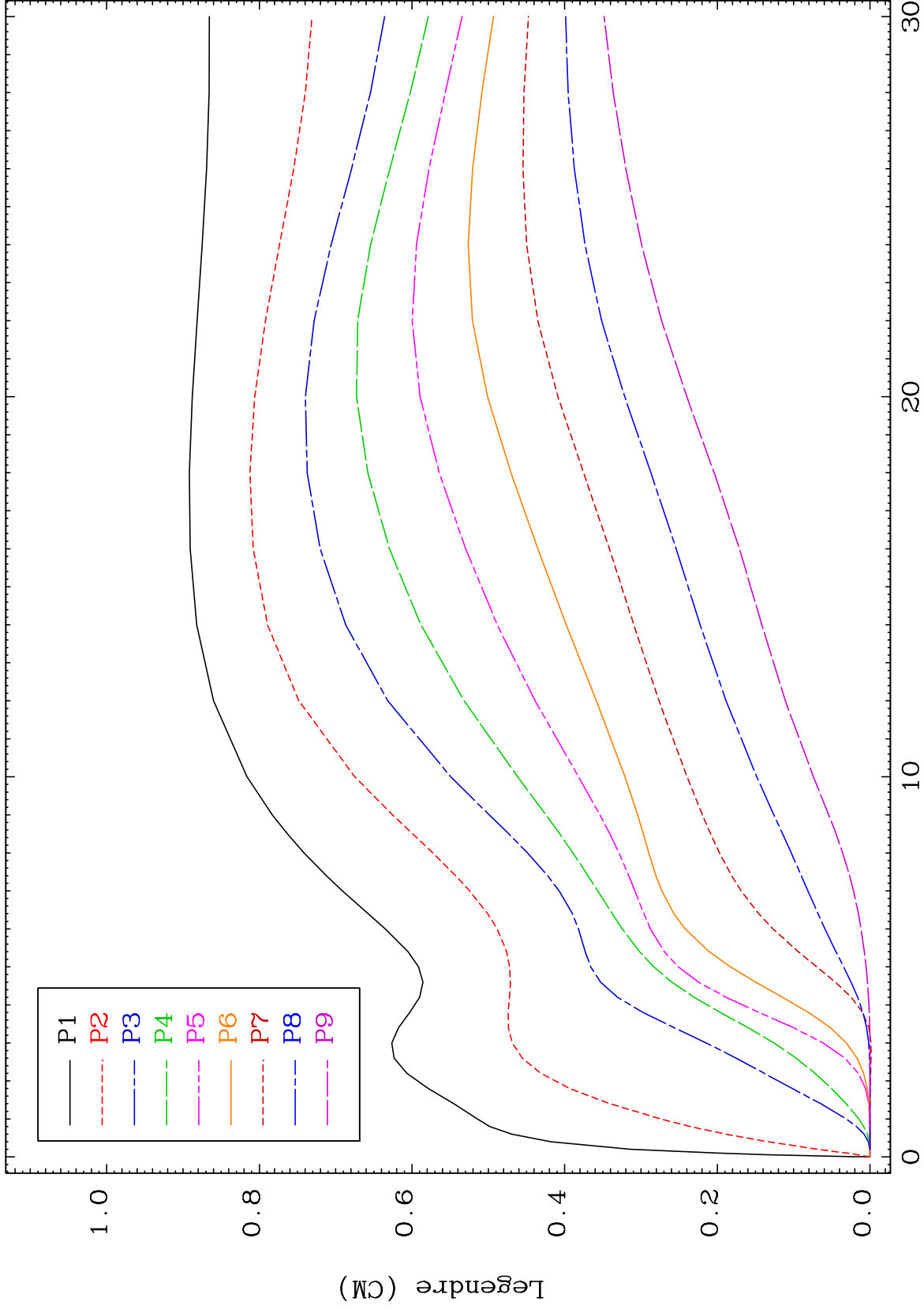
Incident Energy (MeV)

48-Cd-123

MAT 4876

Elastic Legendre Coefficients

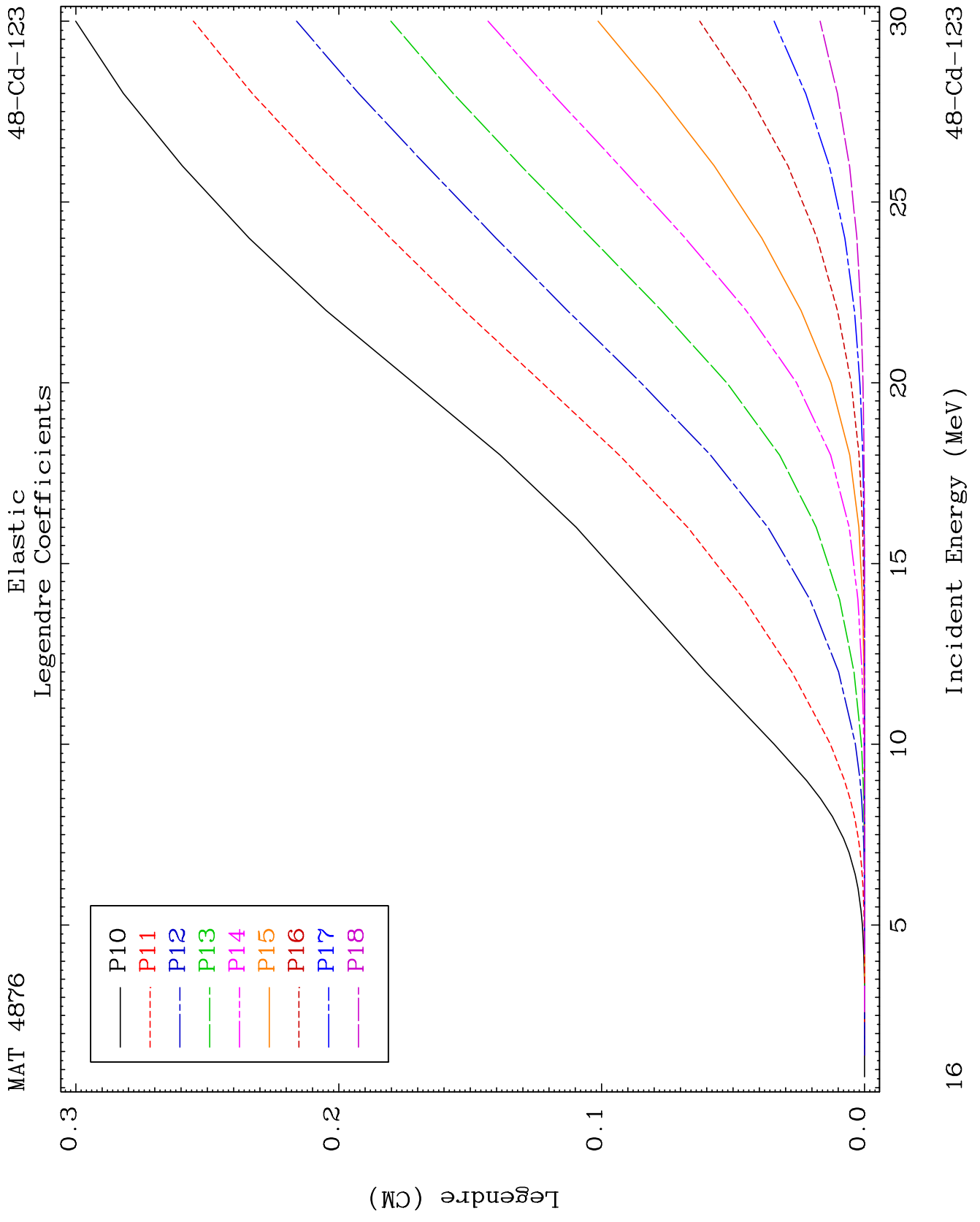
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15

Incident Energy (MeV)

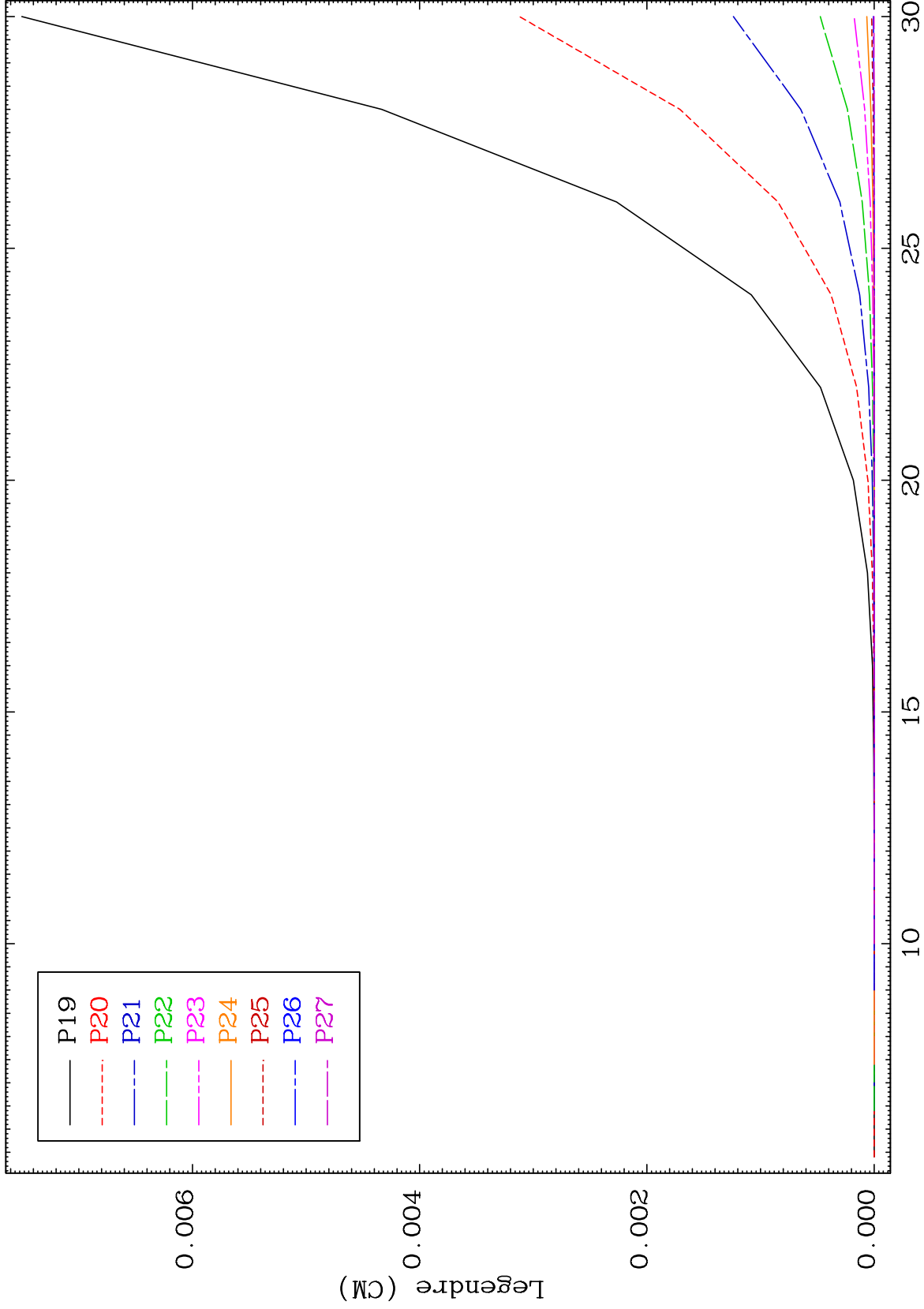
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

48-Cd-123



17

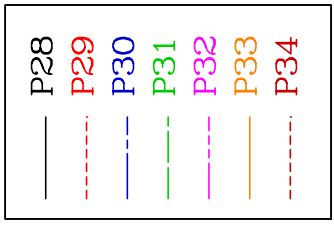
Incident Energy (MeV)

48-Cd-123

MAT 4876

Elastic Legendre Coefficients

48-Cd-123



$\times 10^{-7}$

Legendre (CM)

10

15

20

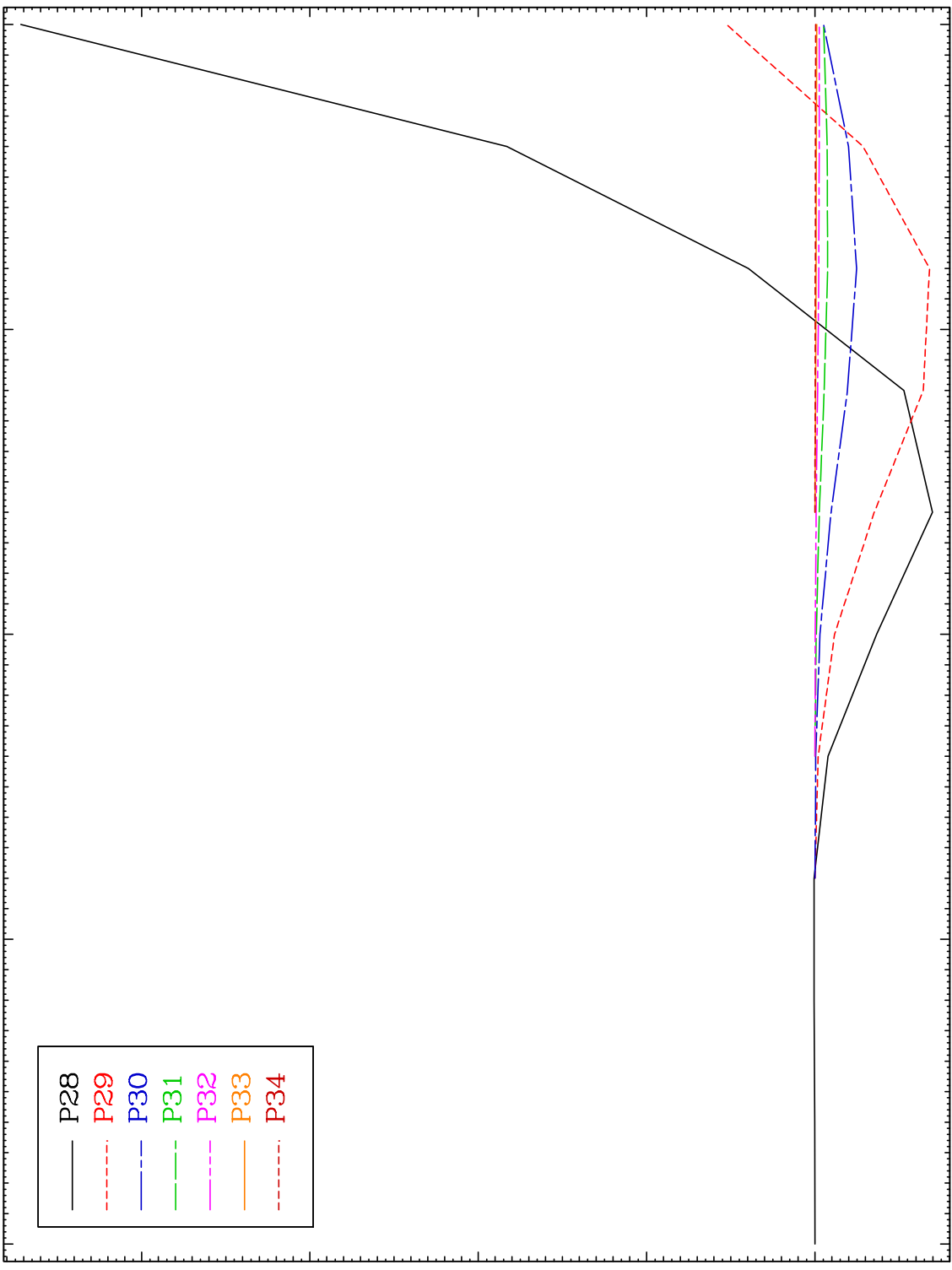
25

30

18

Incident Energy (MeV)

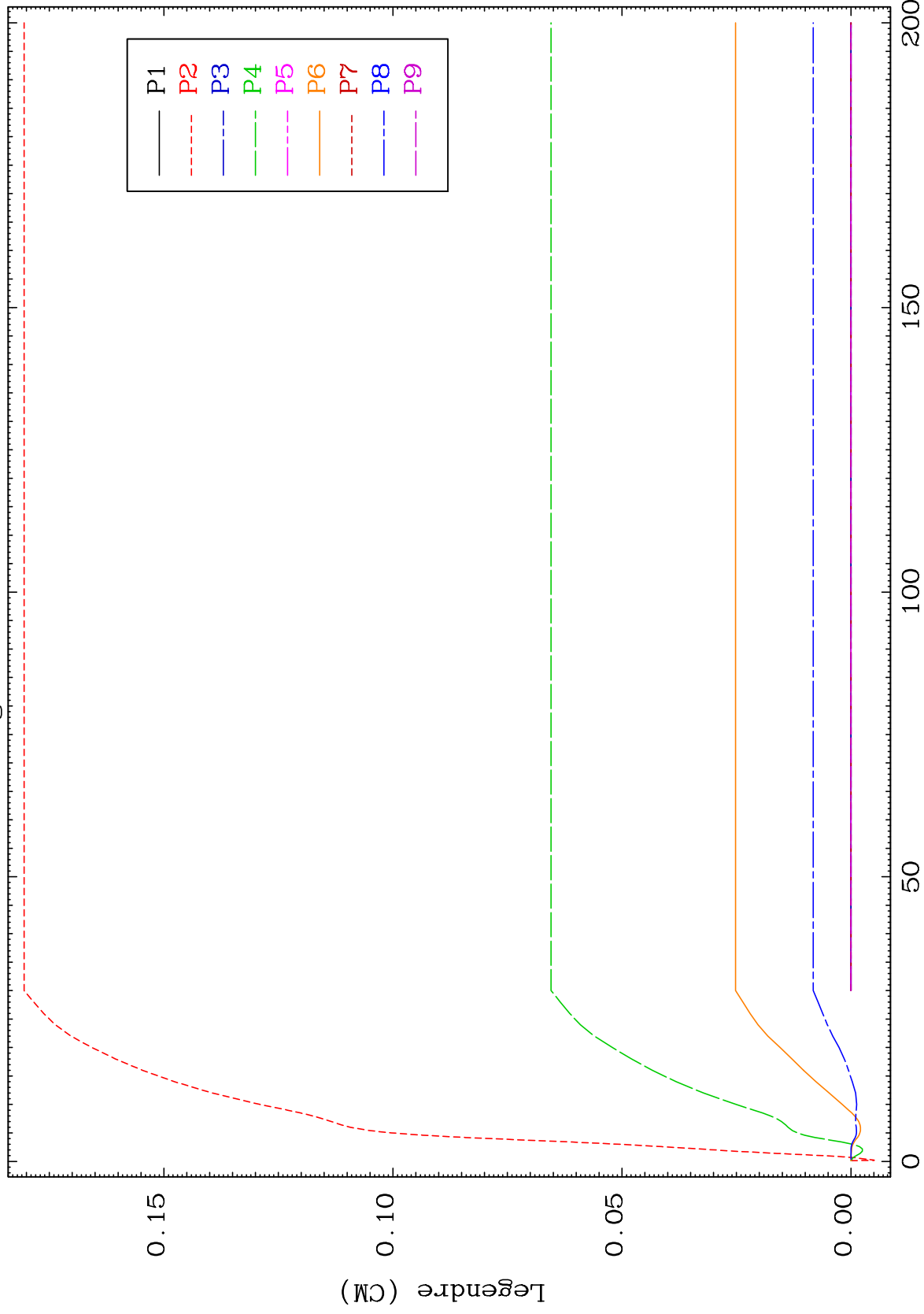
48-Cd-123



MAT 4876

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

48-Cd-123



19

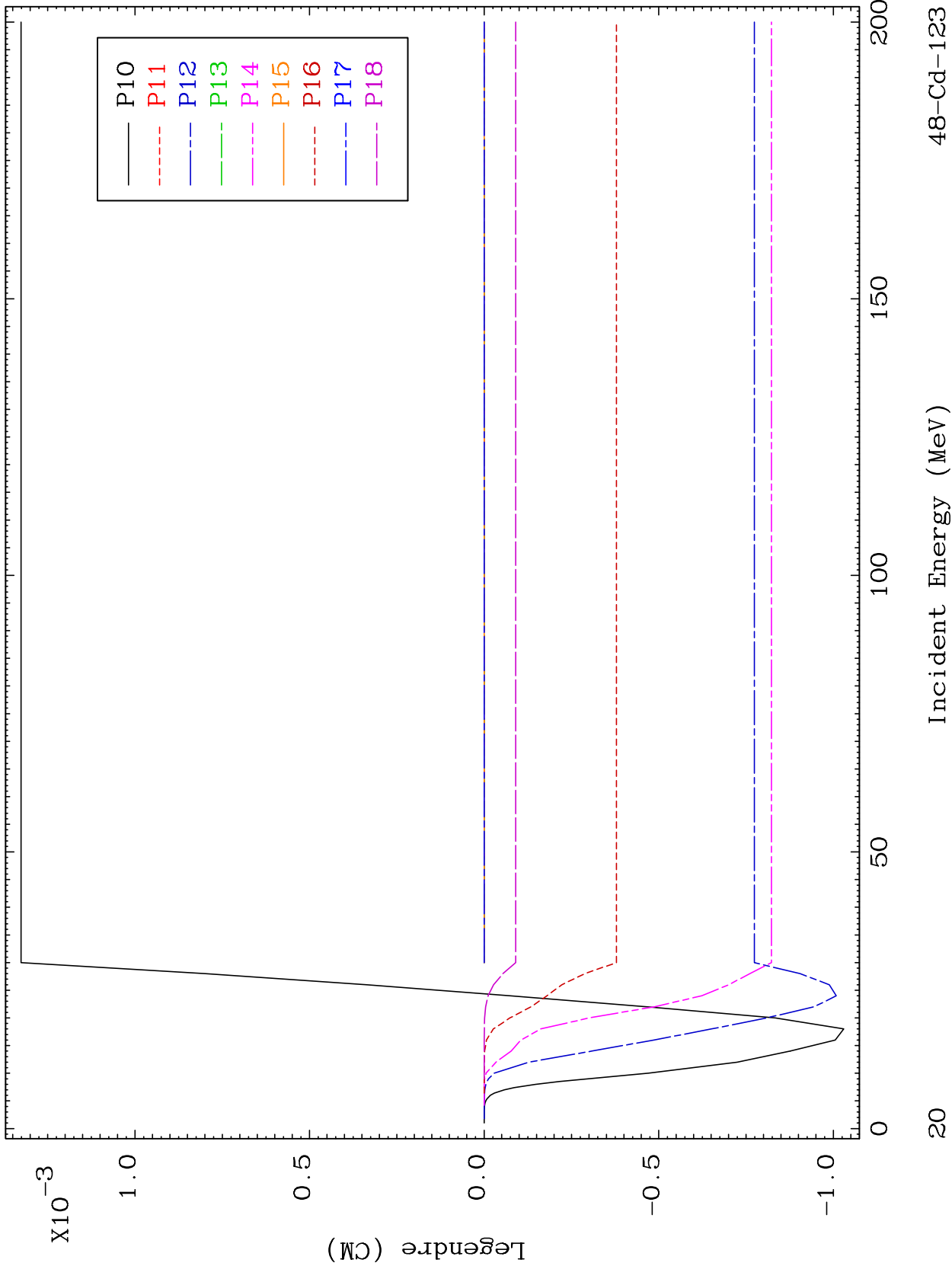
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

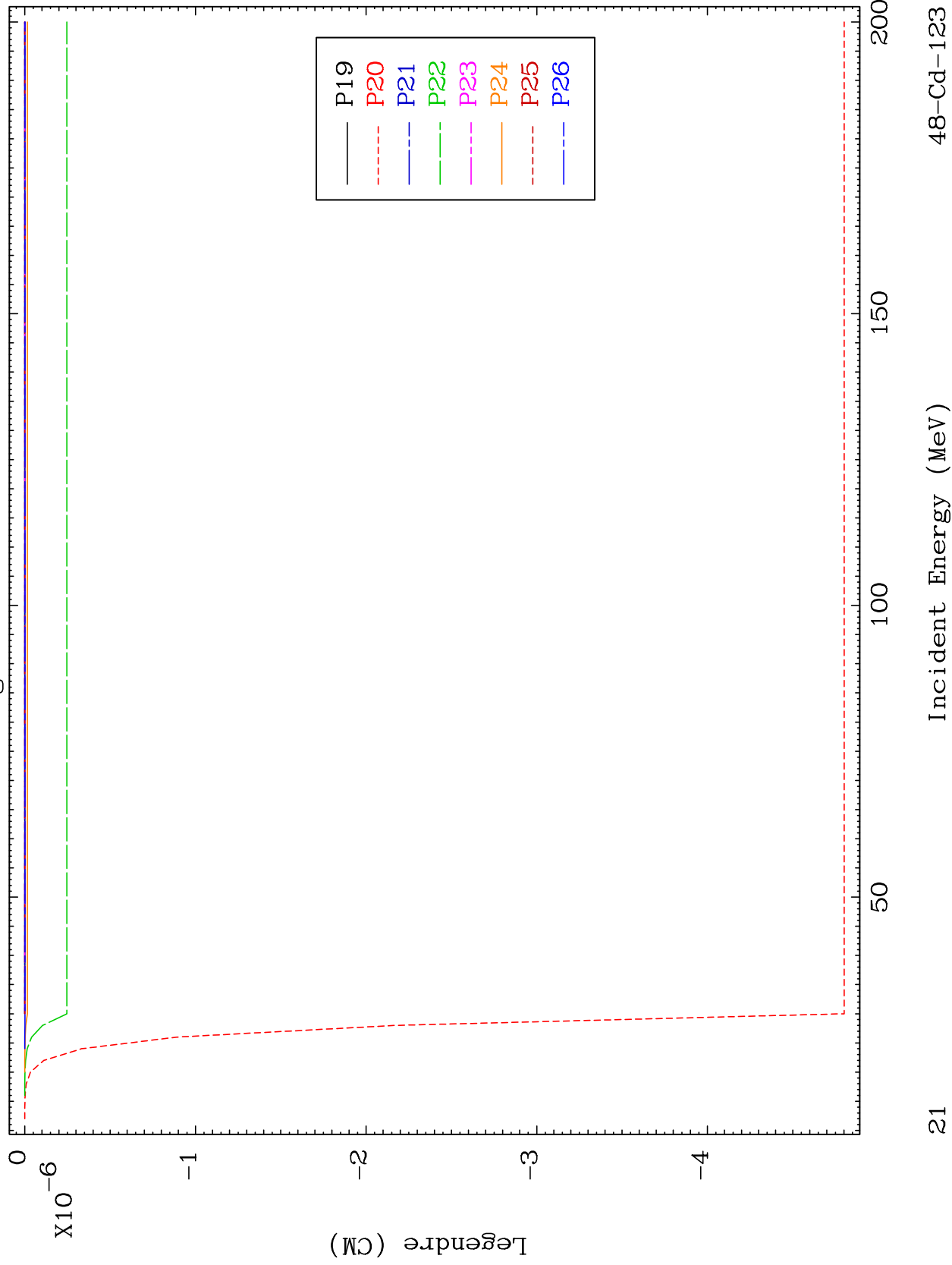


48-Cd-123

MAT 4876

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

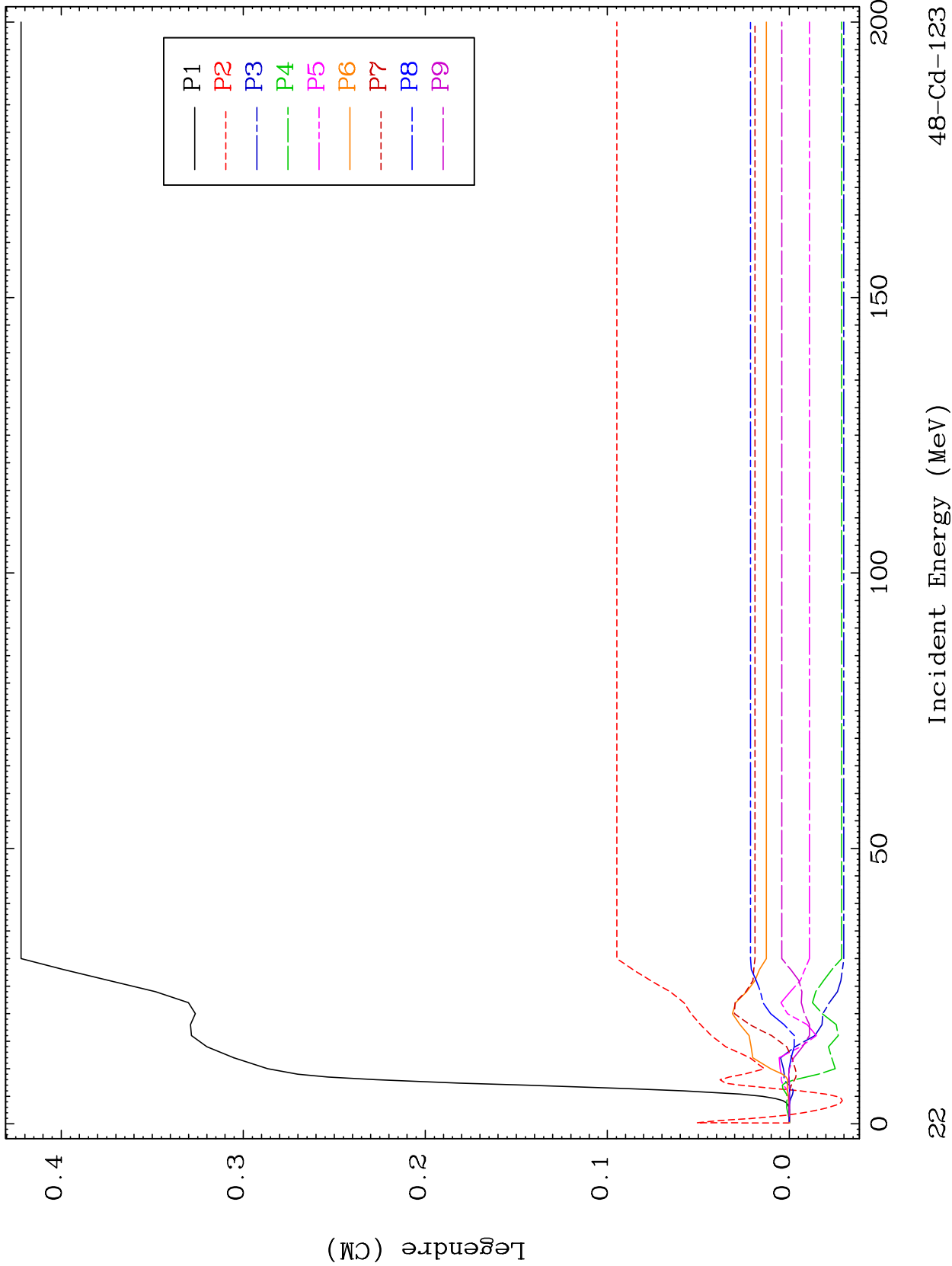
48-Cd-123



MAT 4876

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

48-Cd-123



48-Cd-123

Incident Energy (MeV)

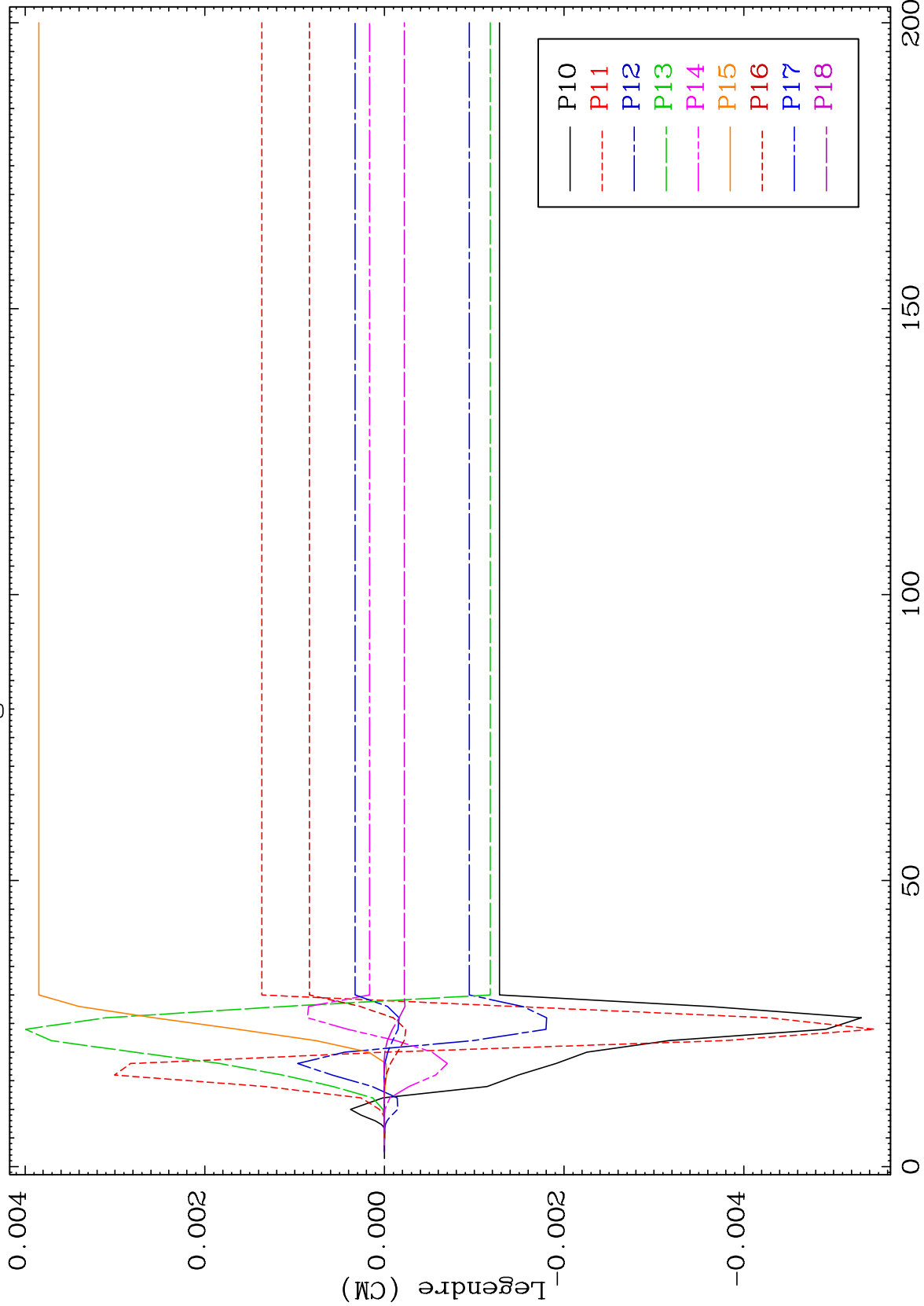
22

MAT 4876

MT= 52 (n,n') Level

48-Cd-123

Legendre Coefficients



23

Incident Energy (MeV)

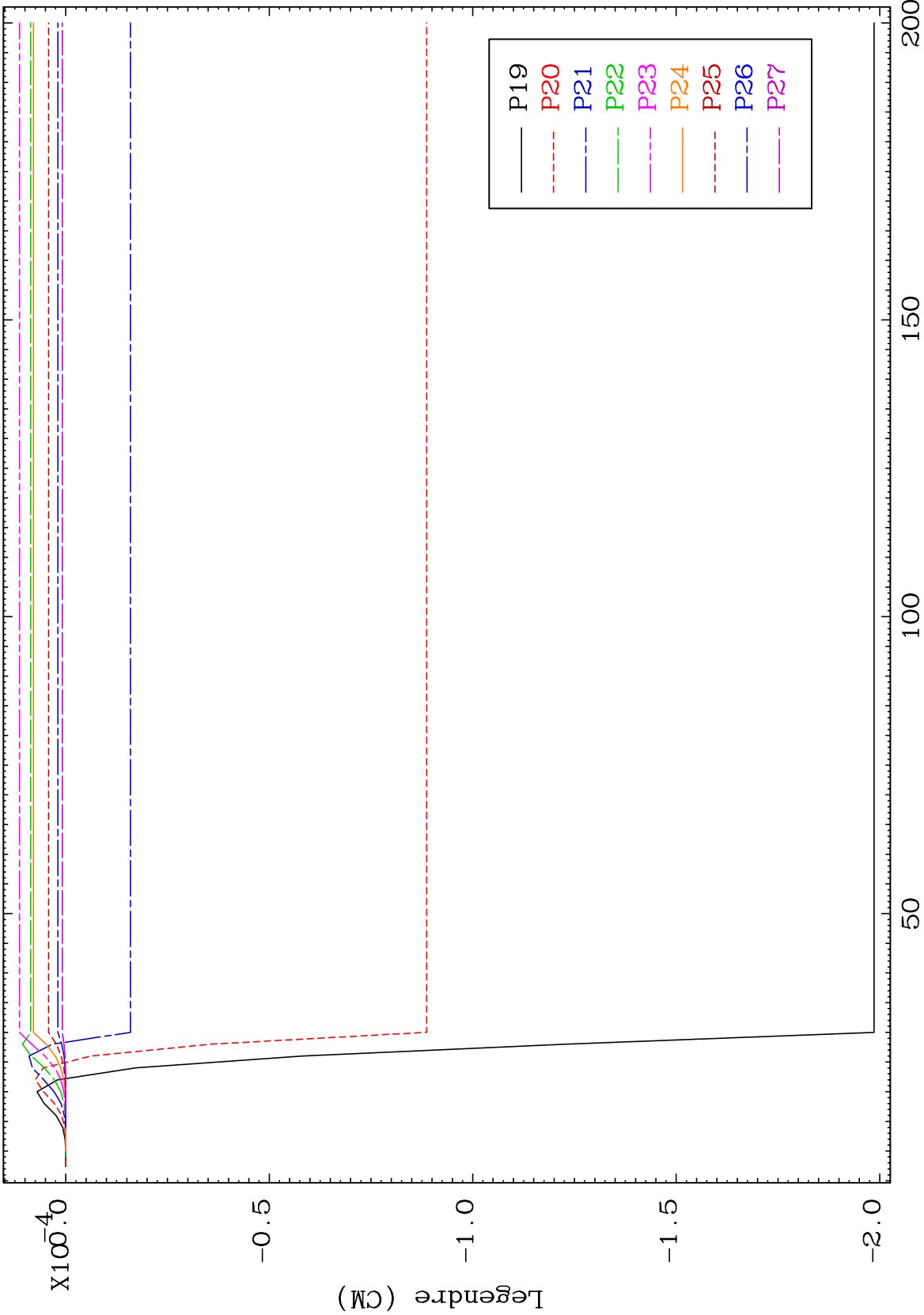
48-Cd-123

MAT 4876

MT= 52 (n,n') Level

48-Cd-123

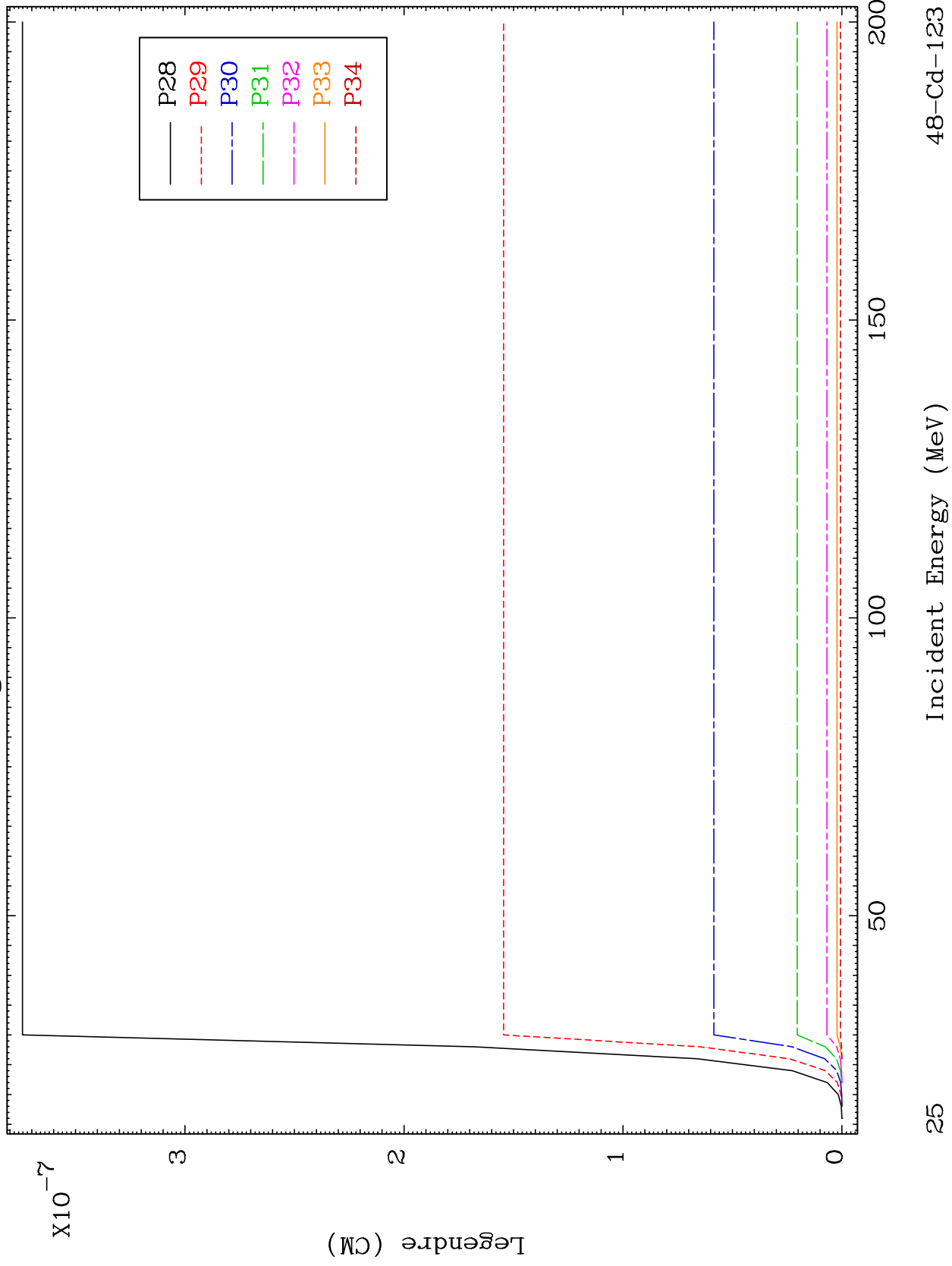
Legendre Coefficients



MAT 4876

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

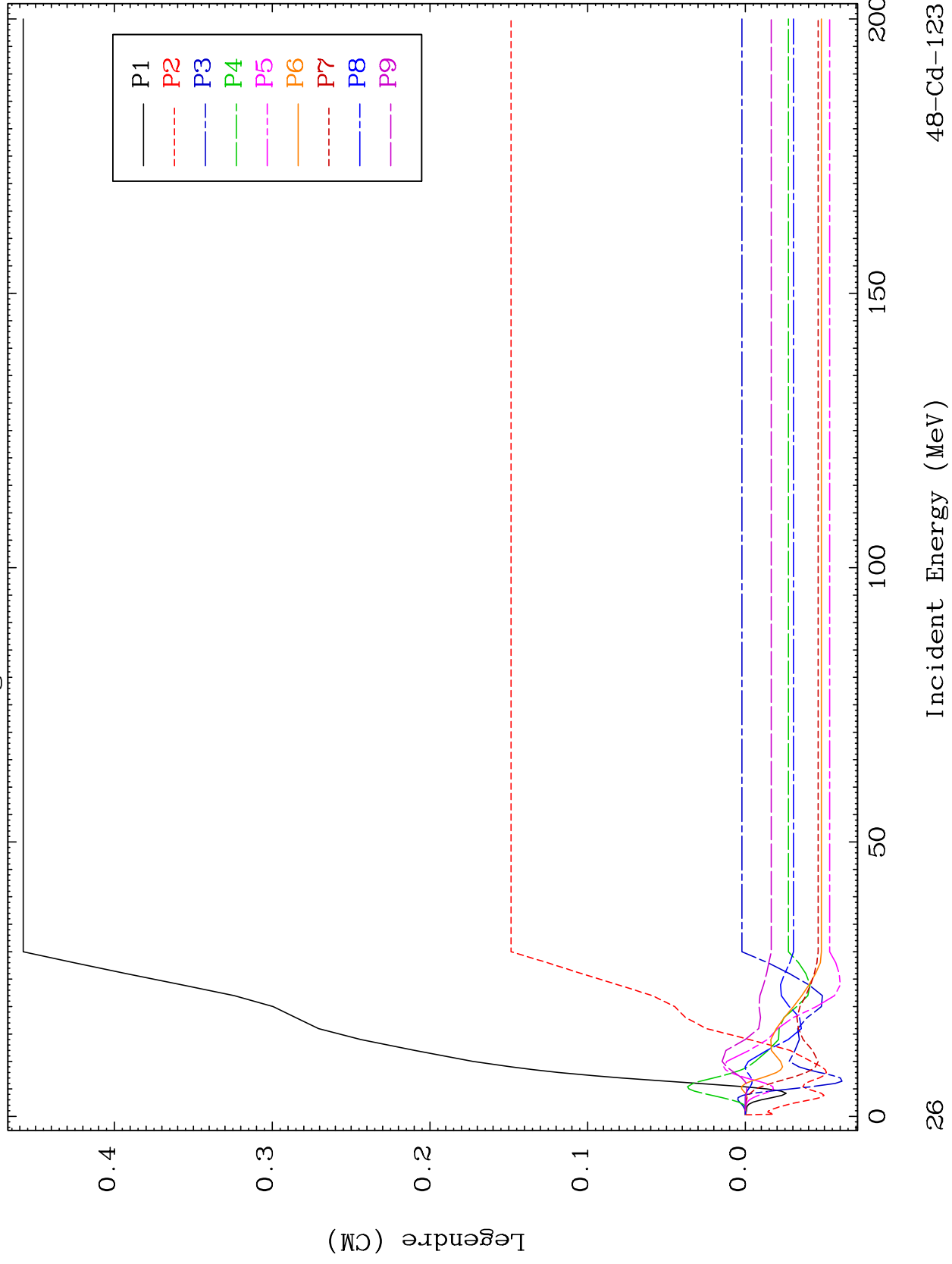
48-Cd-123



MAT 4876

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

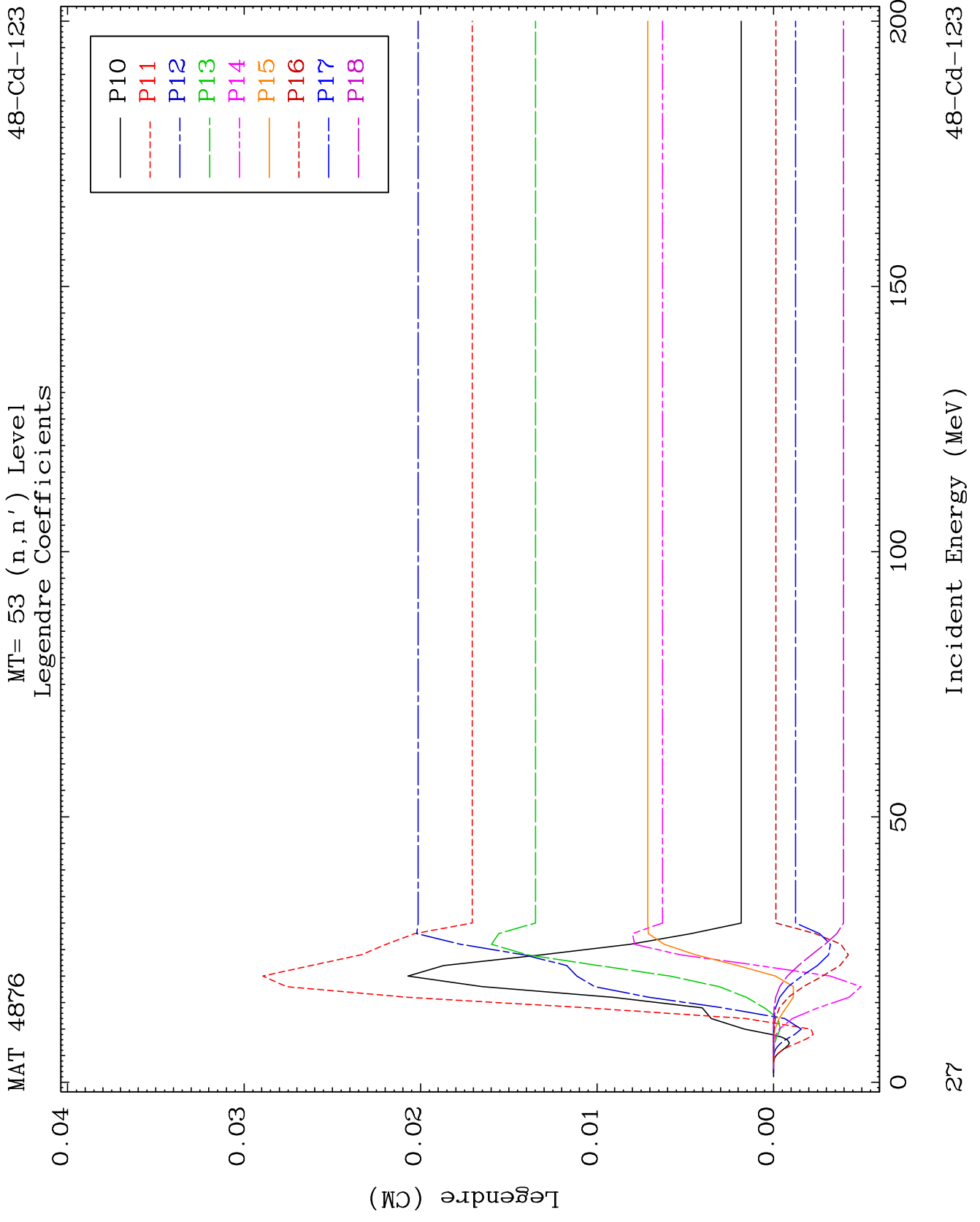
48-Cd-123



26

Incident Energy (MeV)

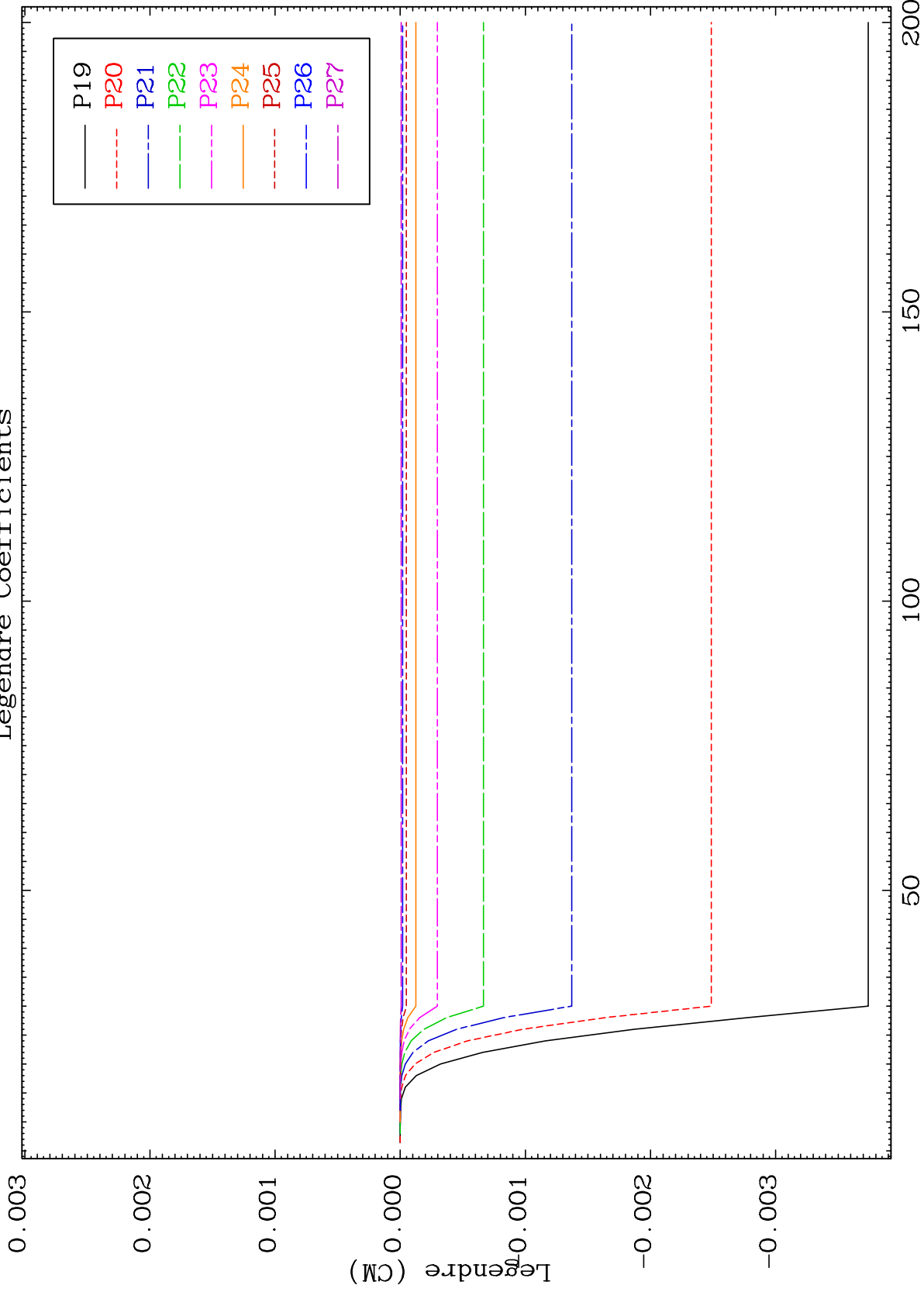
48-Cd-123



MAT 4876

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

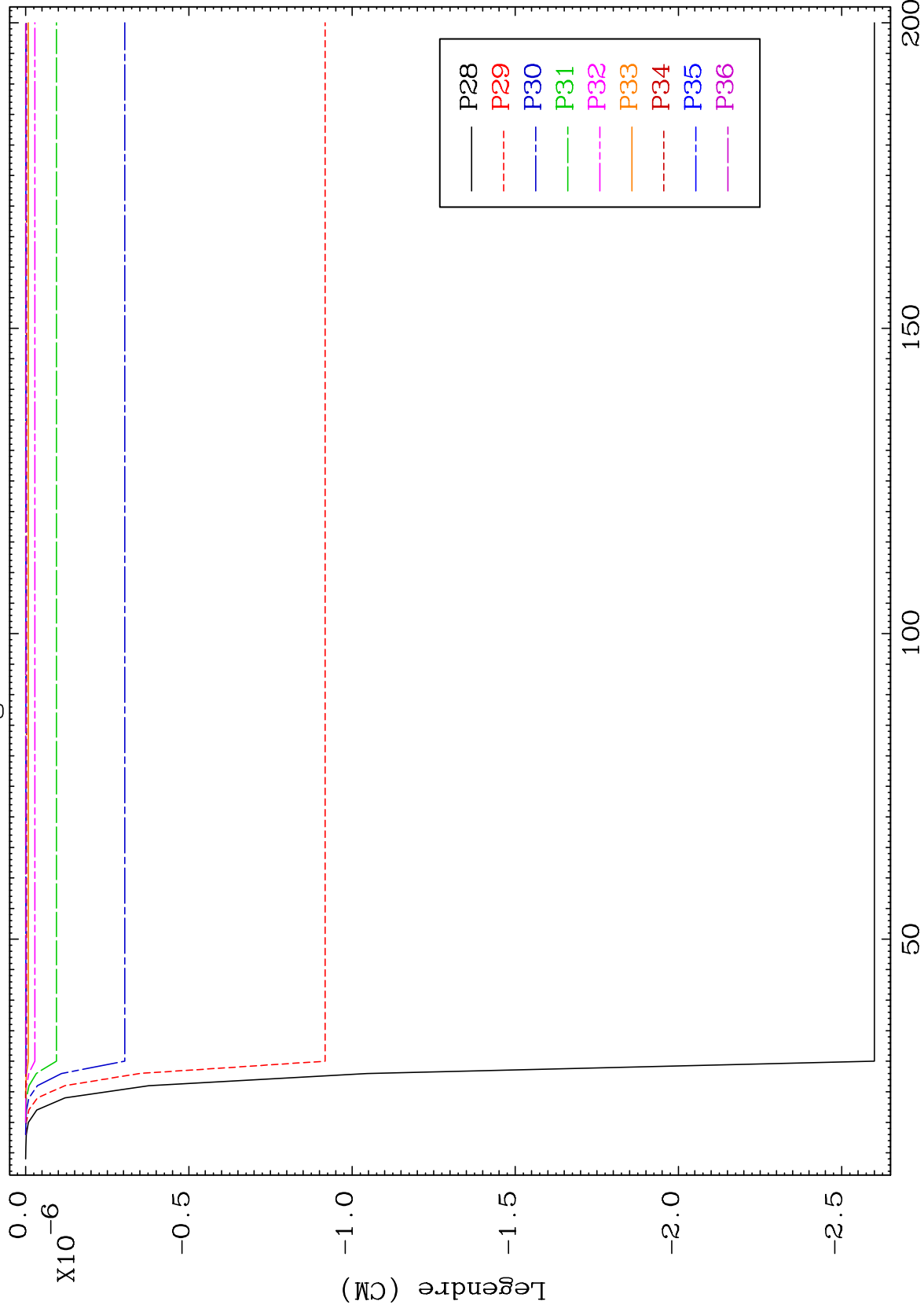
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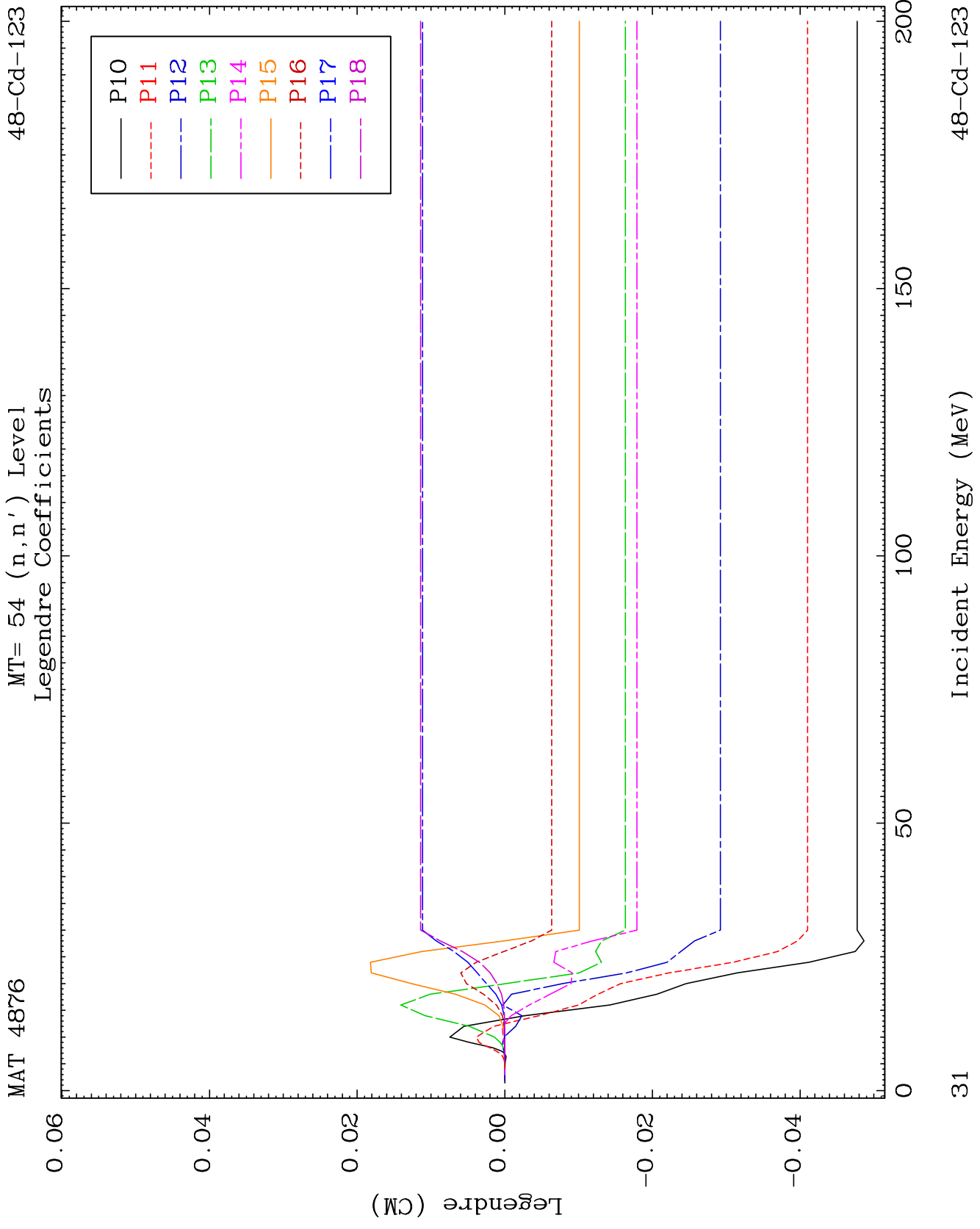


28

Incident Energy (MeV)

48-Cd-123

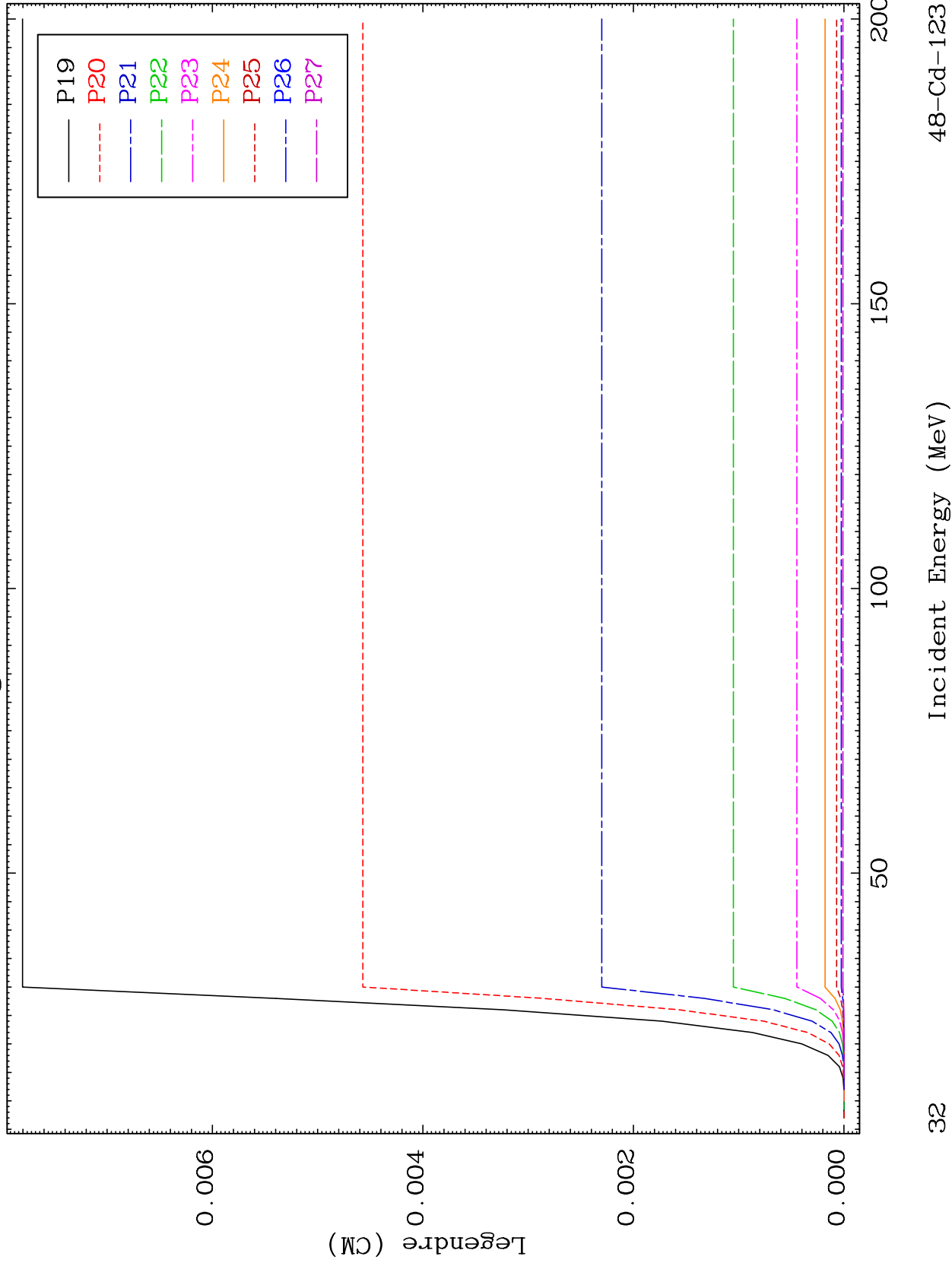




MAT 4876

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

48-Cd-123



32

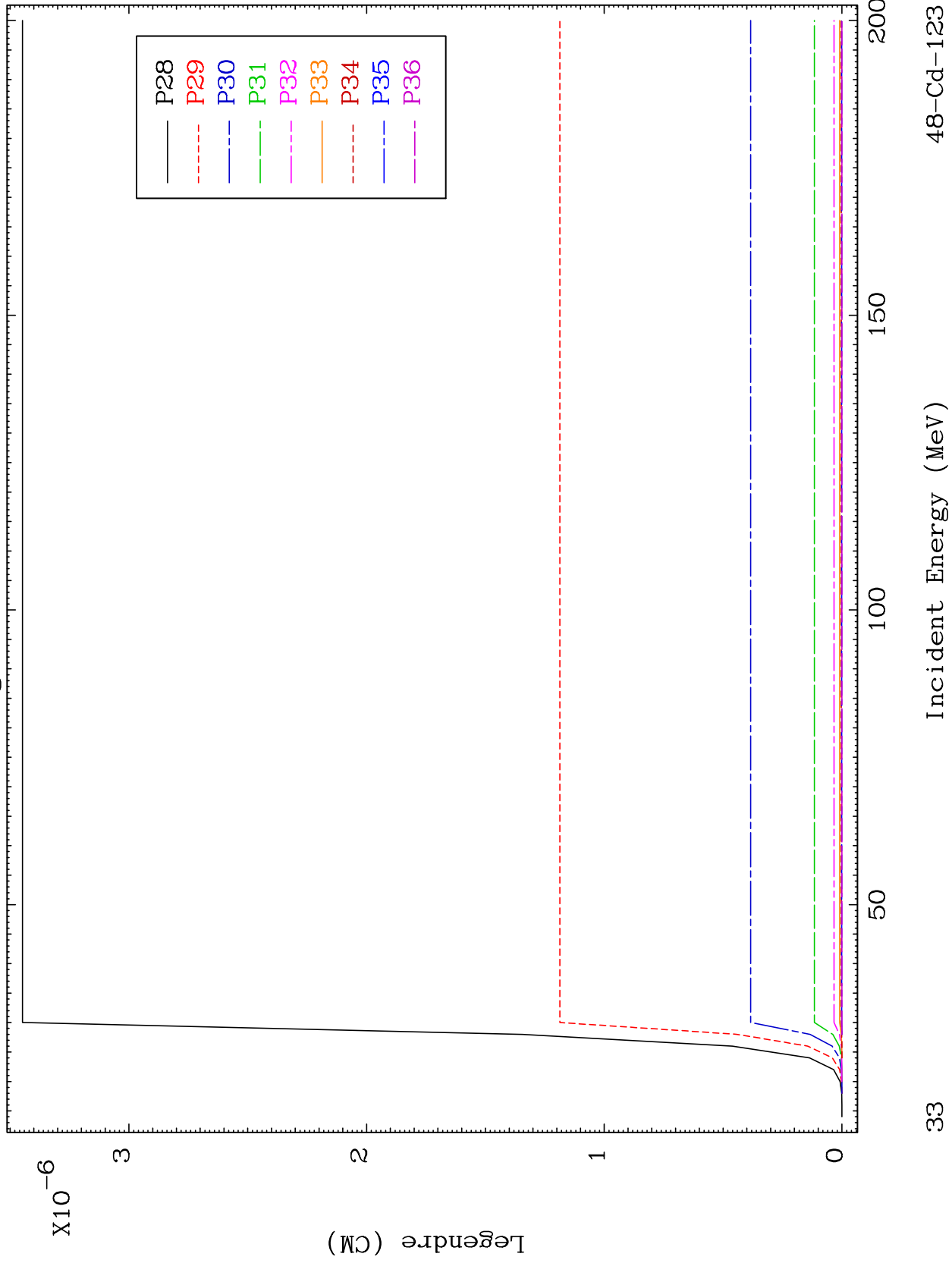
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

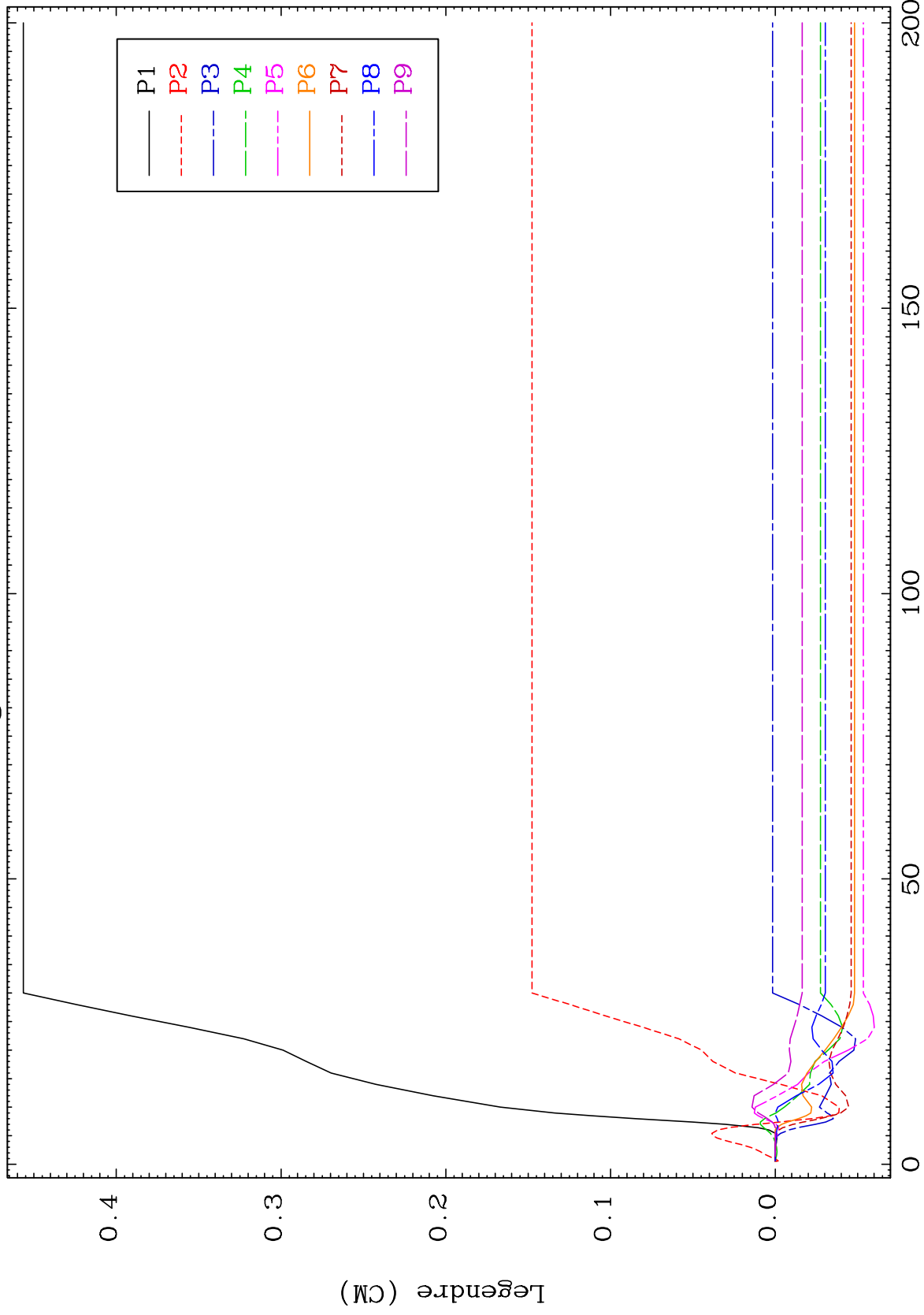
48-Cd-123



MAT 4876

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

48-Cd-123



34

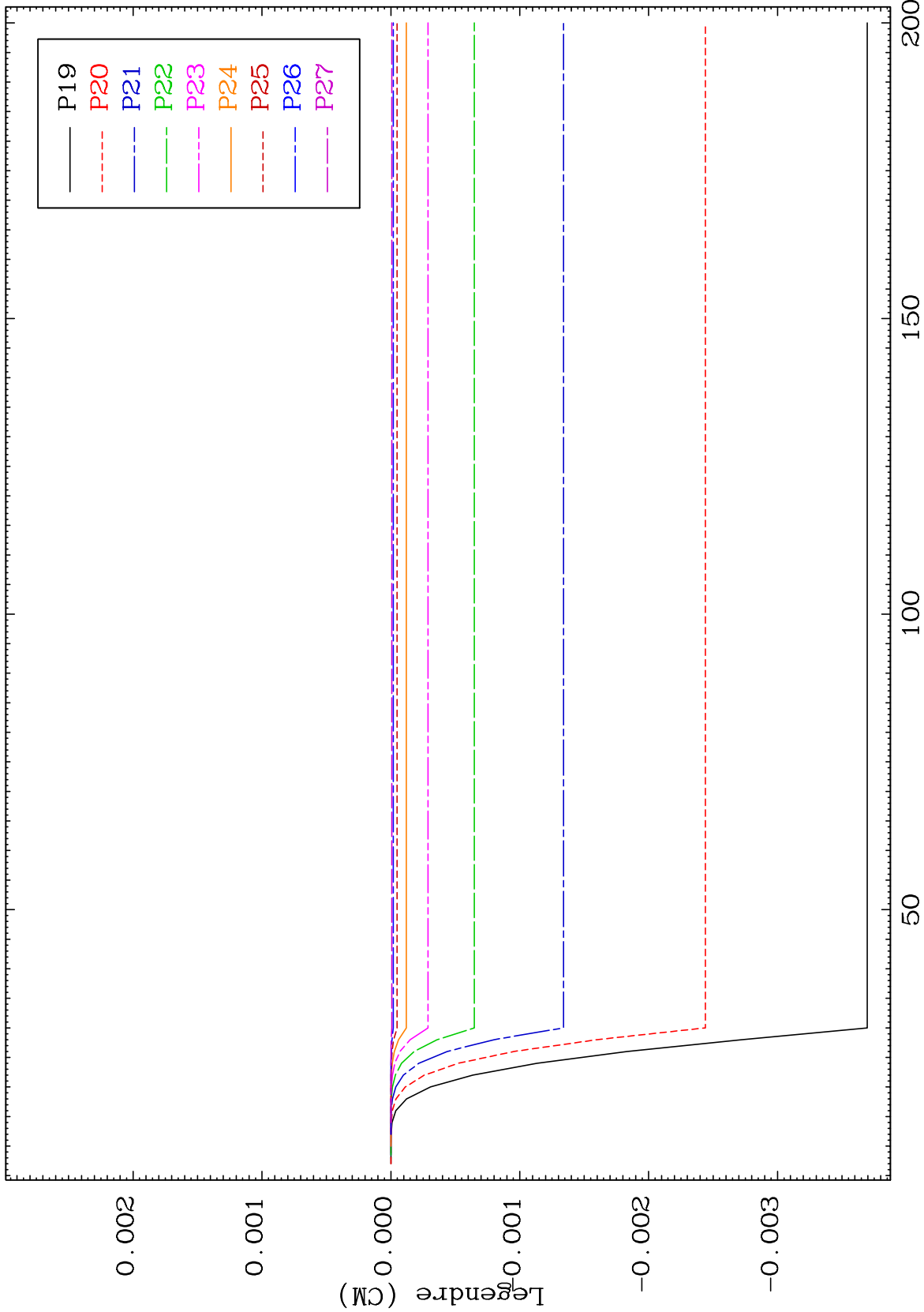
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

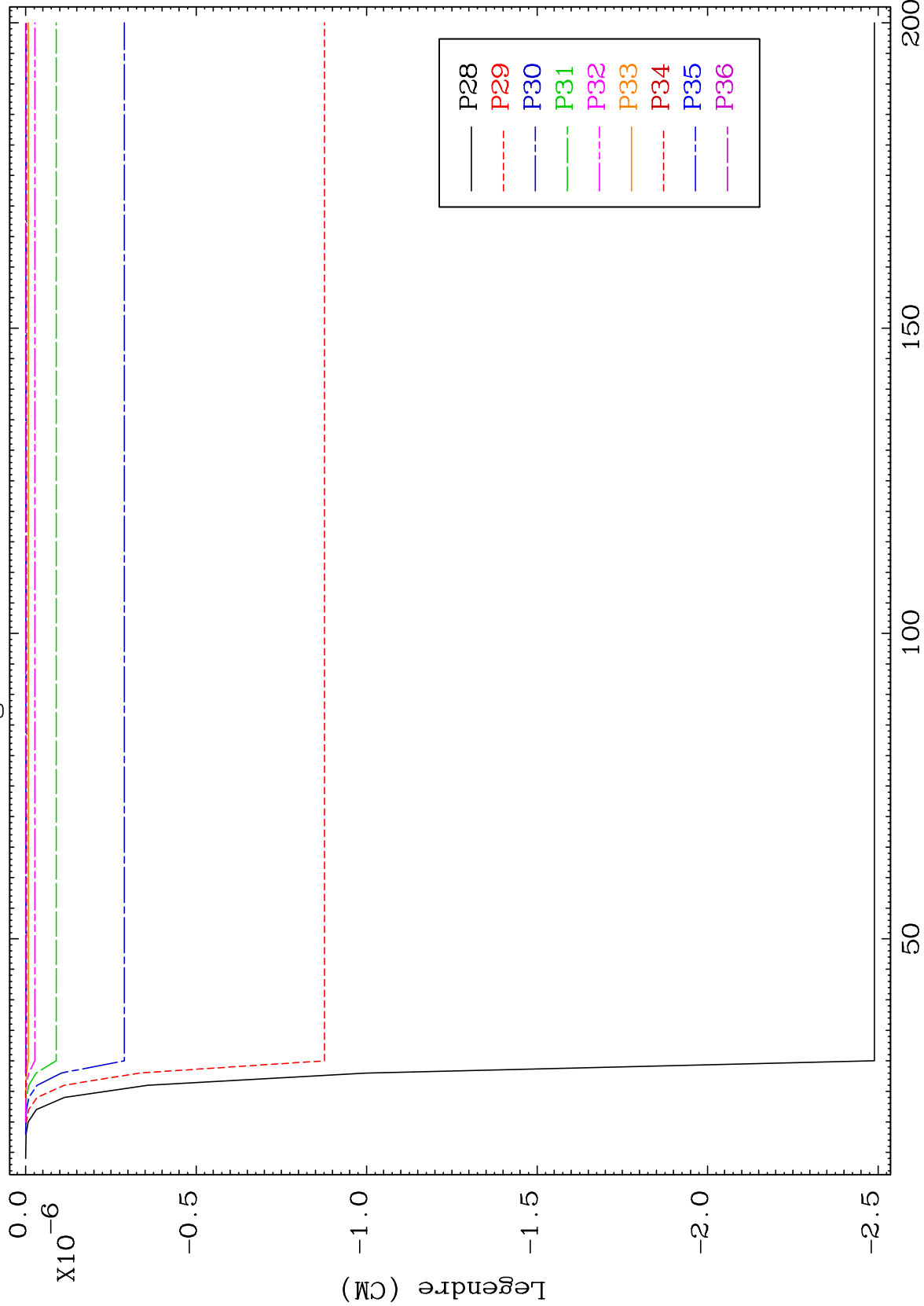
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MAT 4876

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

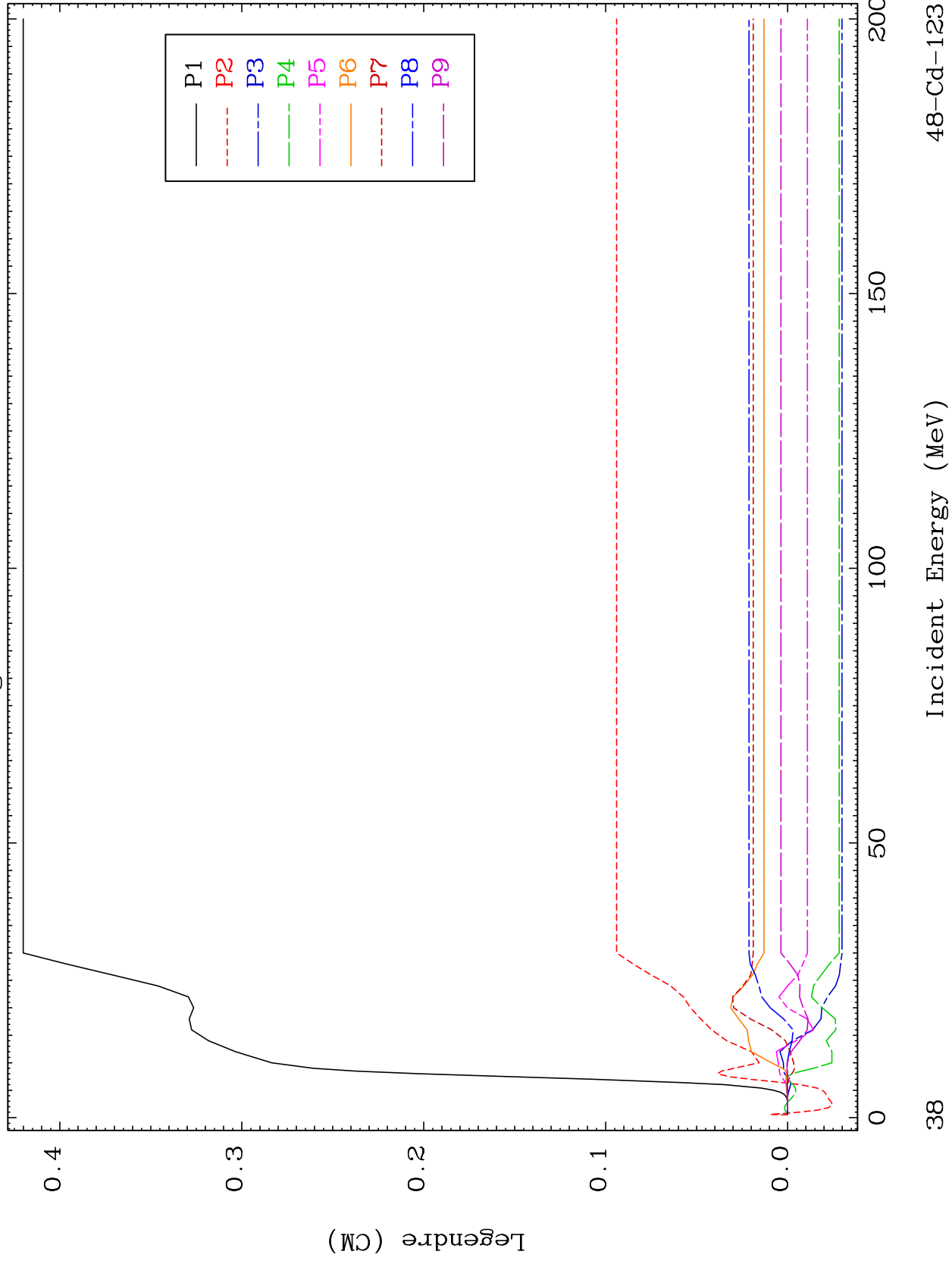
48-Cd-123



MAT 4876

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

48-Cd-123



48-Cd-123

Incident Energy (MeV)

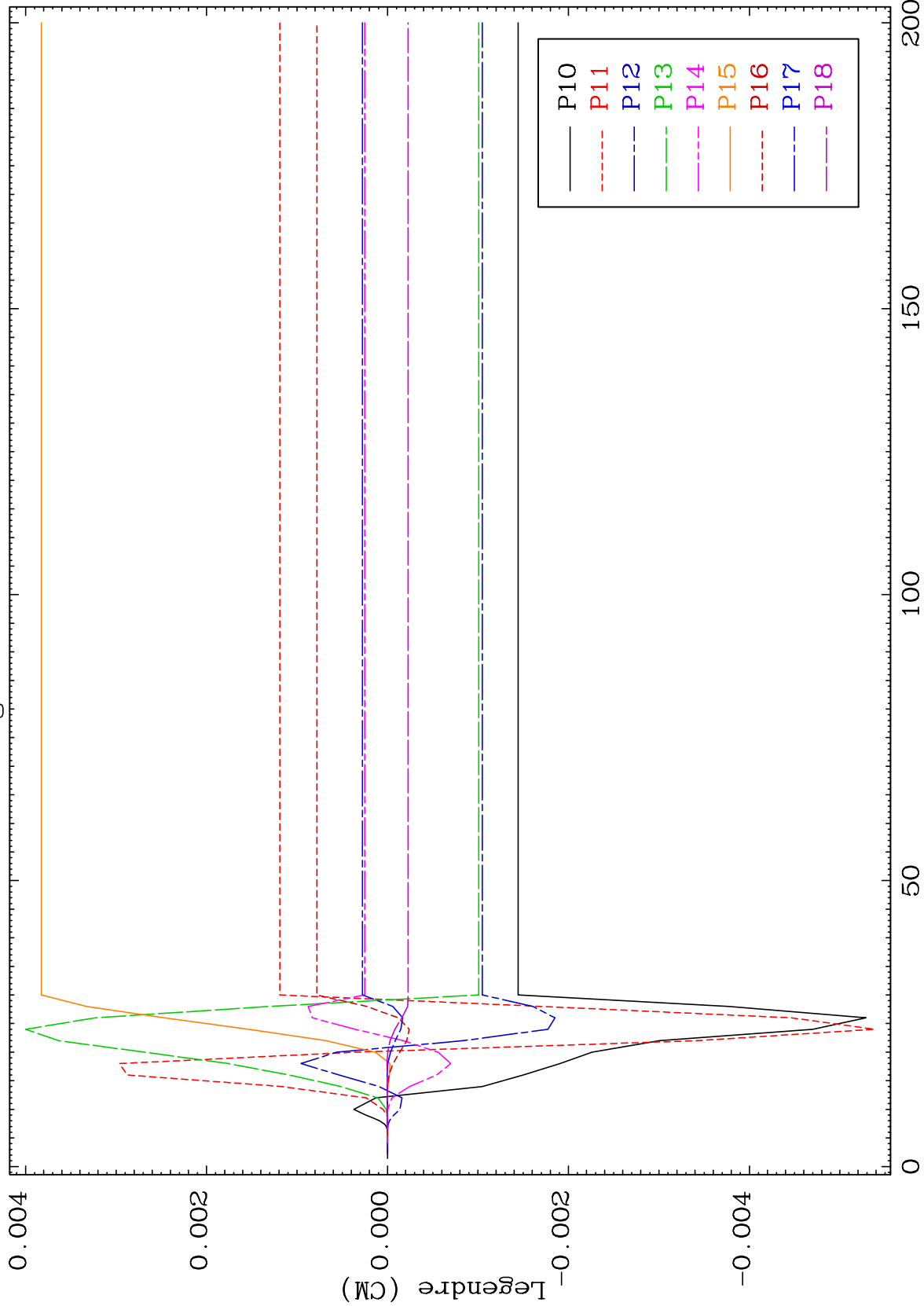
38

MAT 4876

MT= 56 (n,n') Level

48-Cd-123

Legendre Coefficients



39

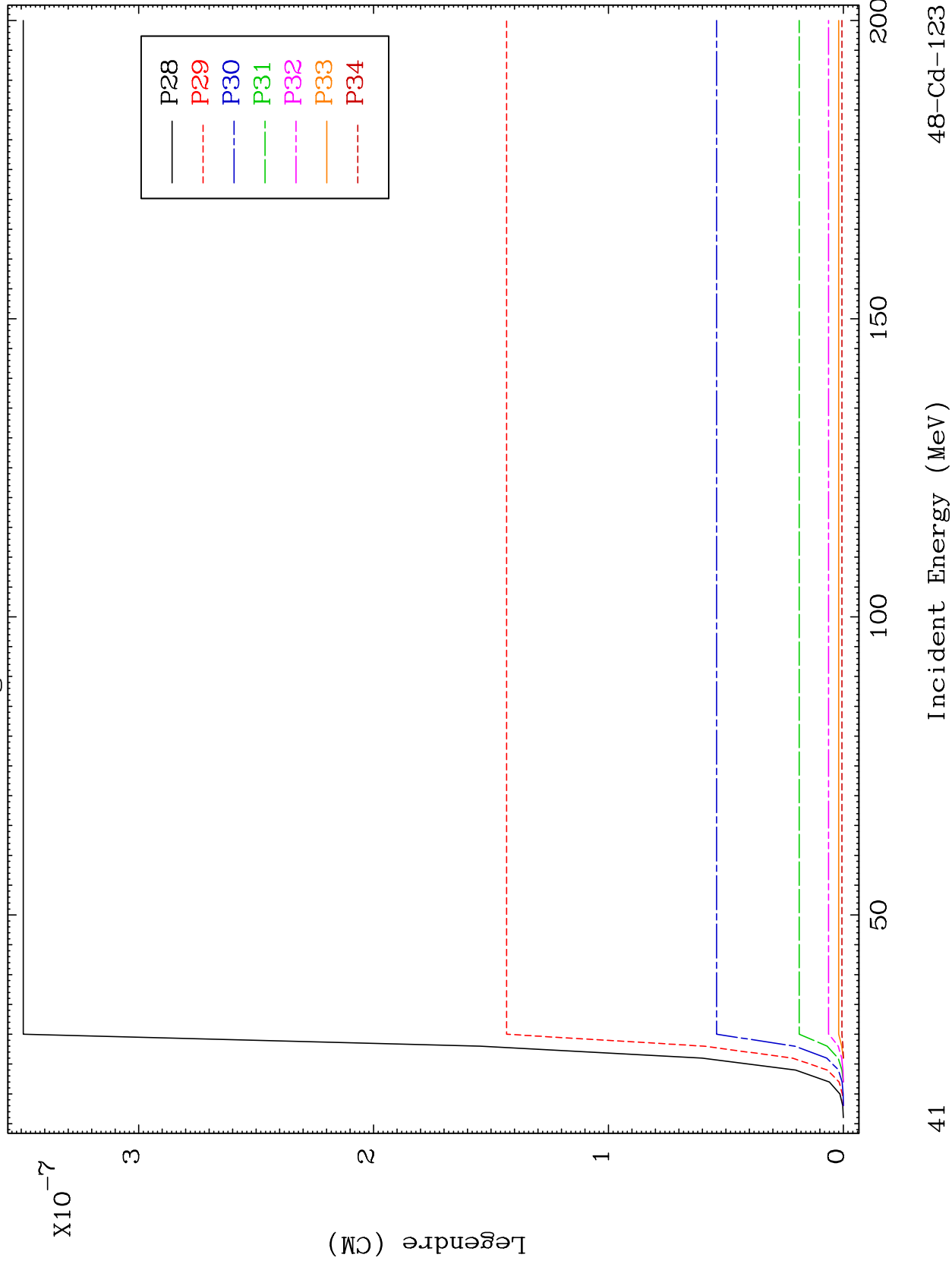
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



41

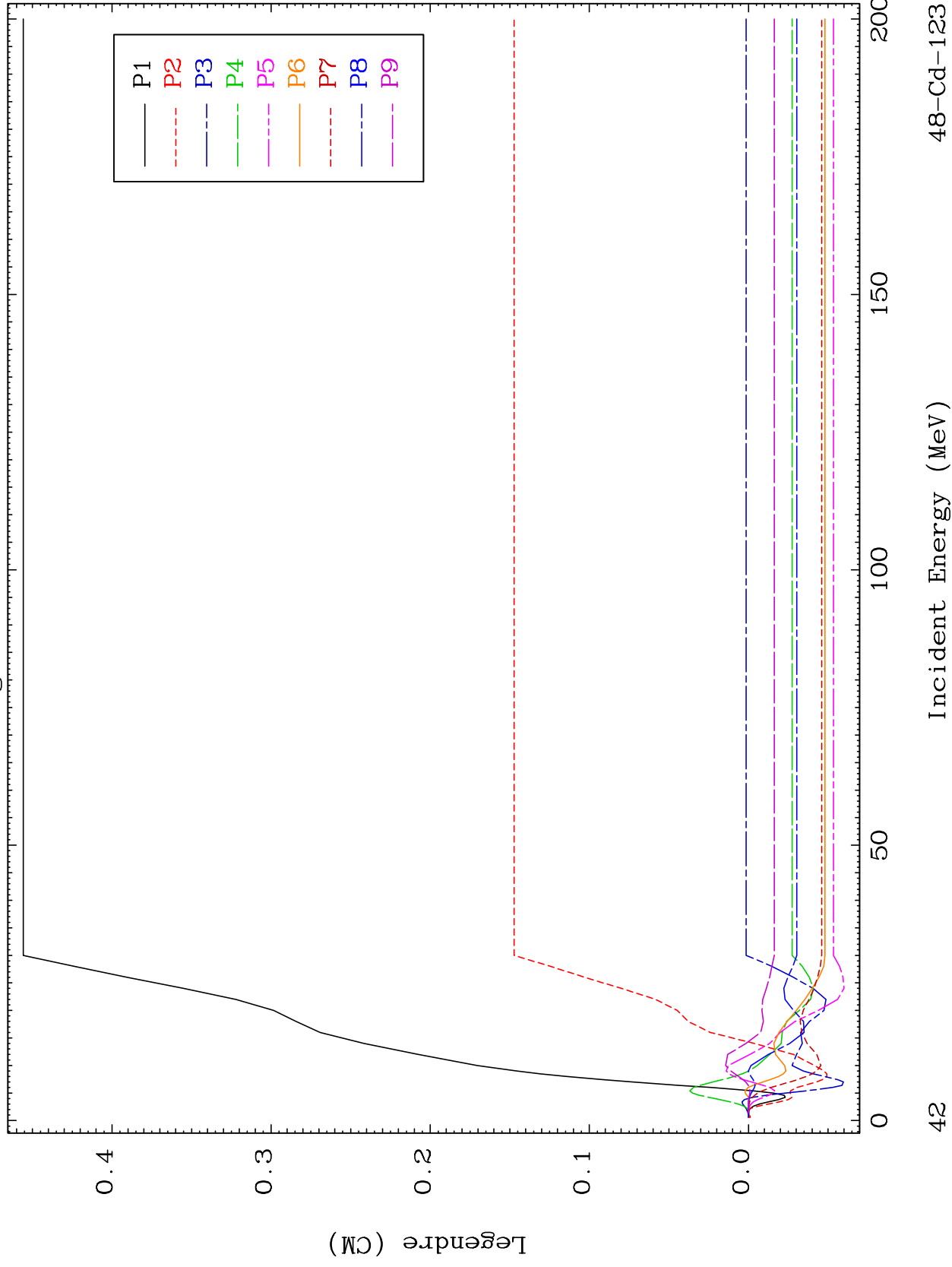
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

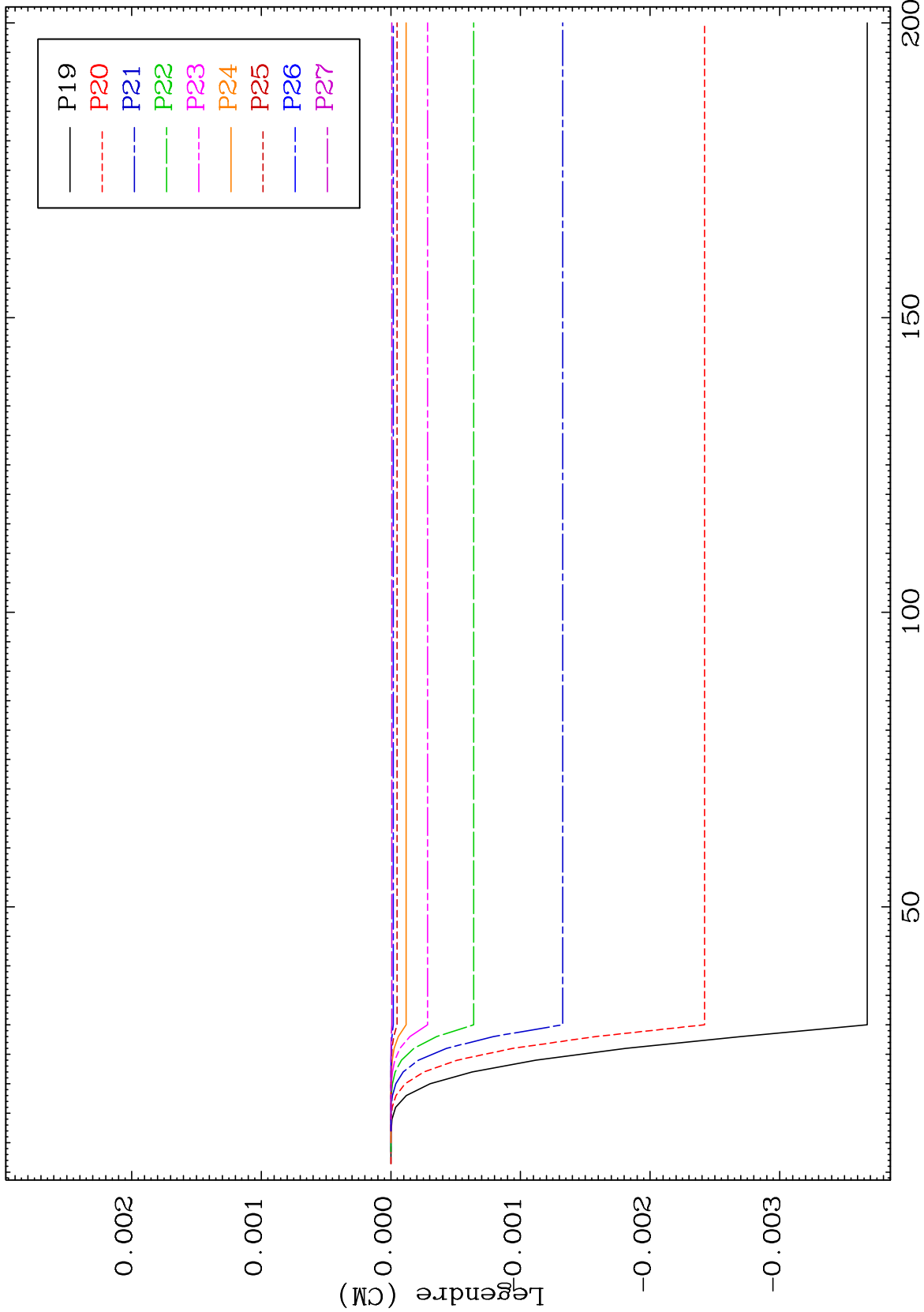
Incident Energy (MeV)

42

MAT 4876

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

48-Cd-123



44

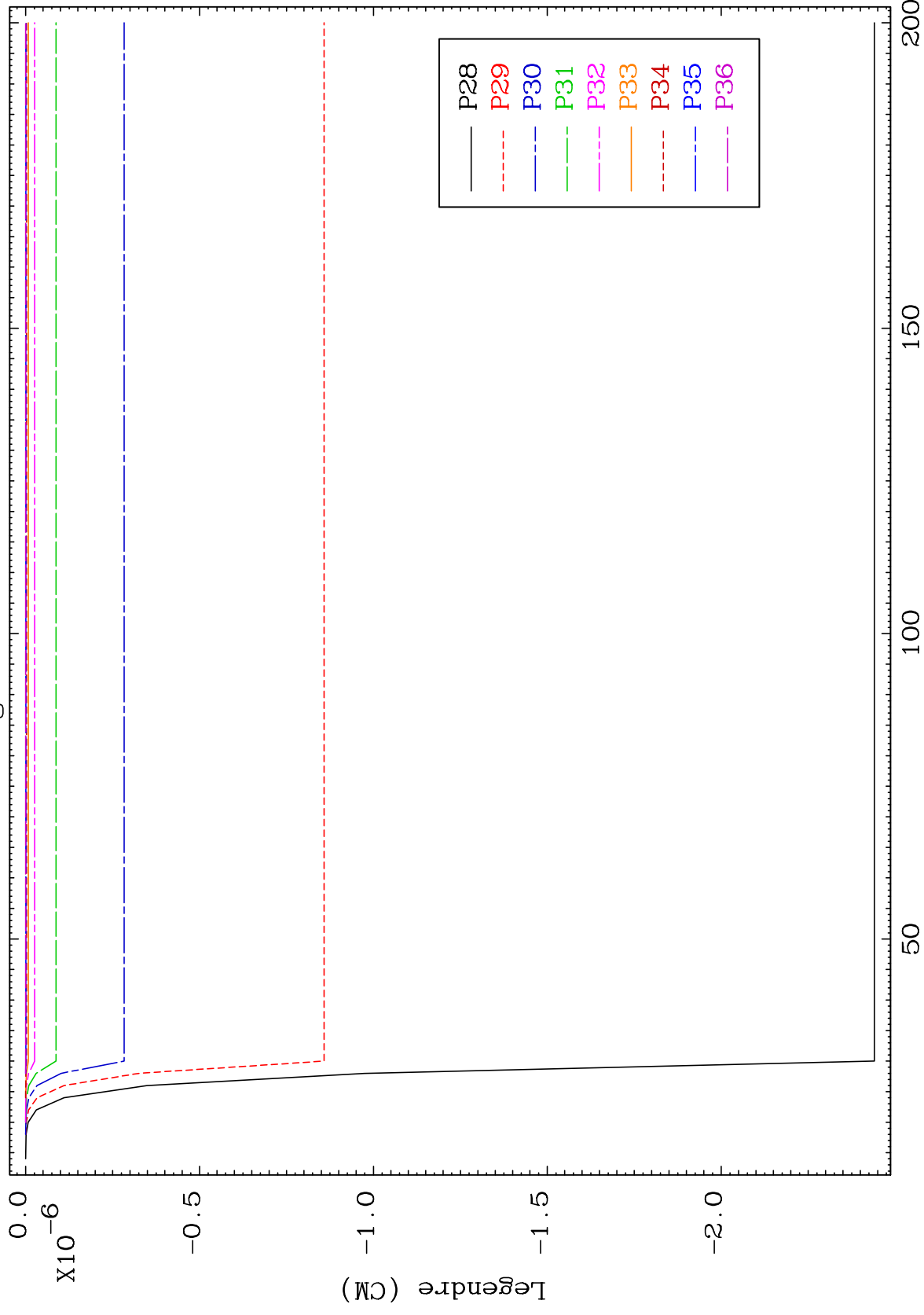
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

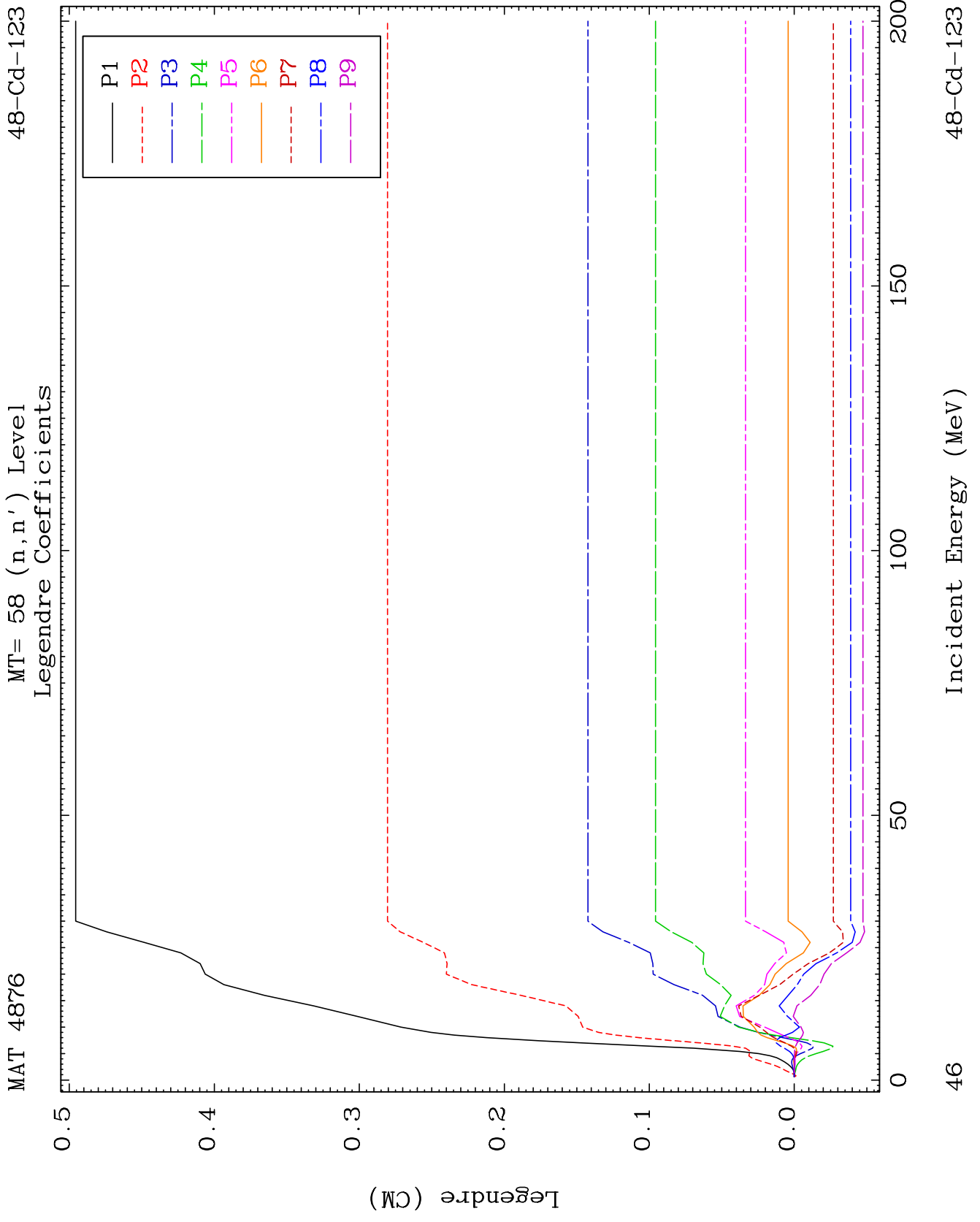
48-Cd-123



45

Incident Energy (MeV)

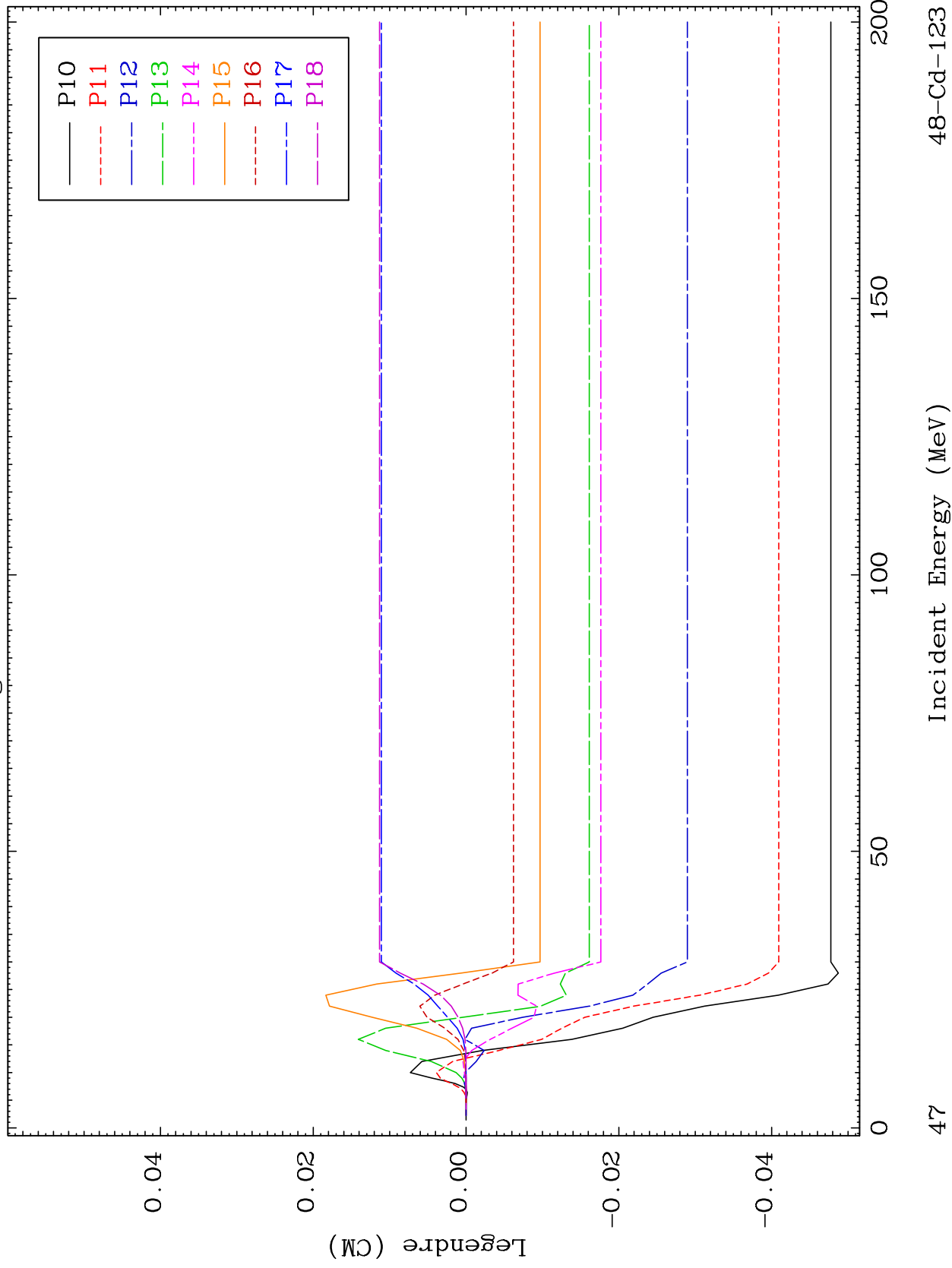
48-Cd-123



MAT 4876

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

48-Cd-123



47

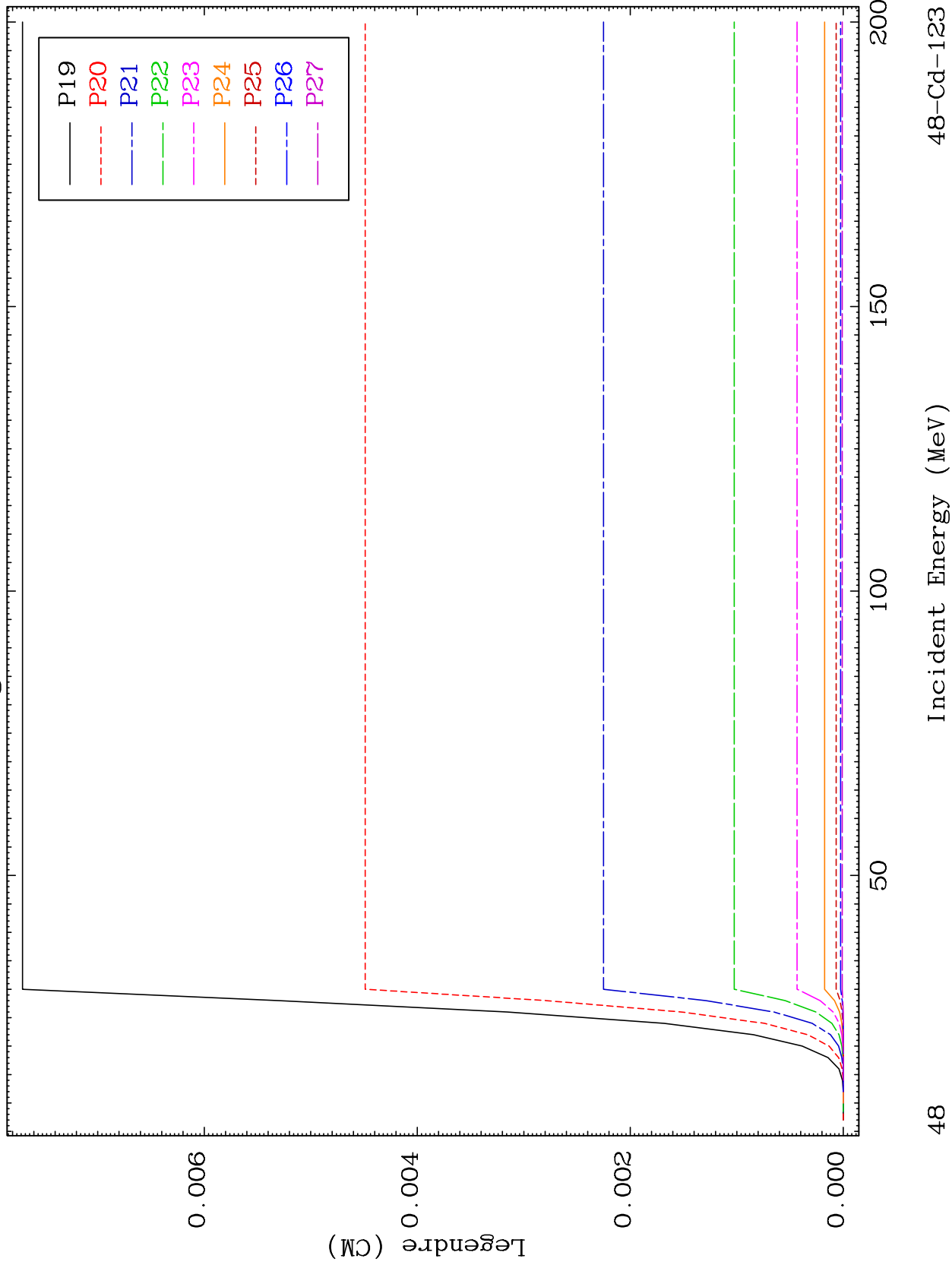
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48

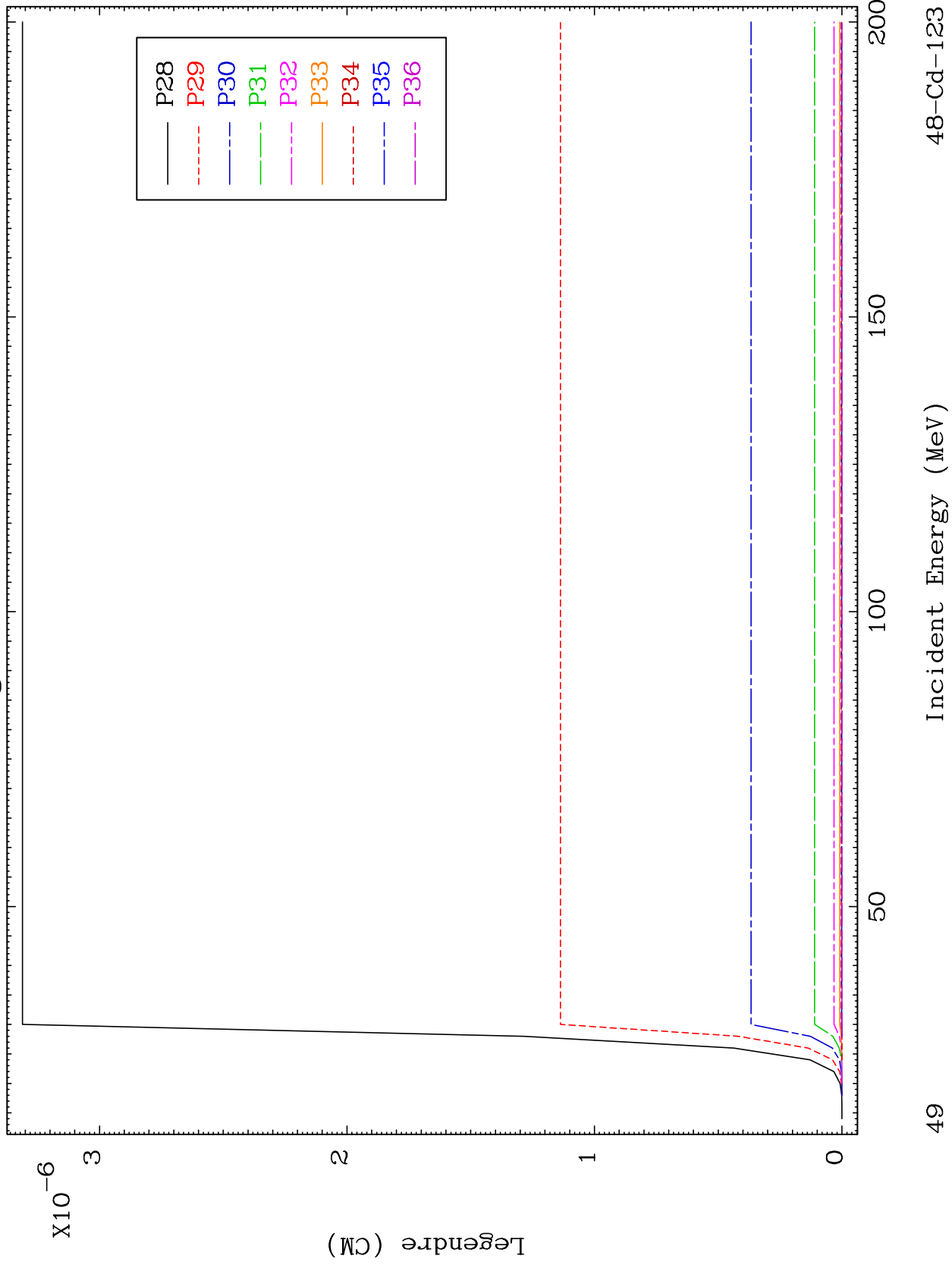
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

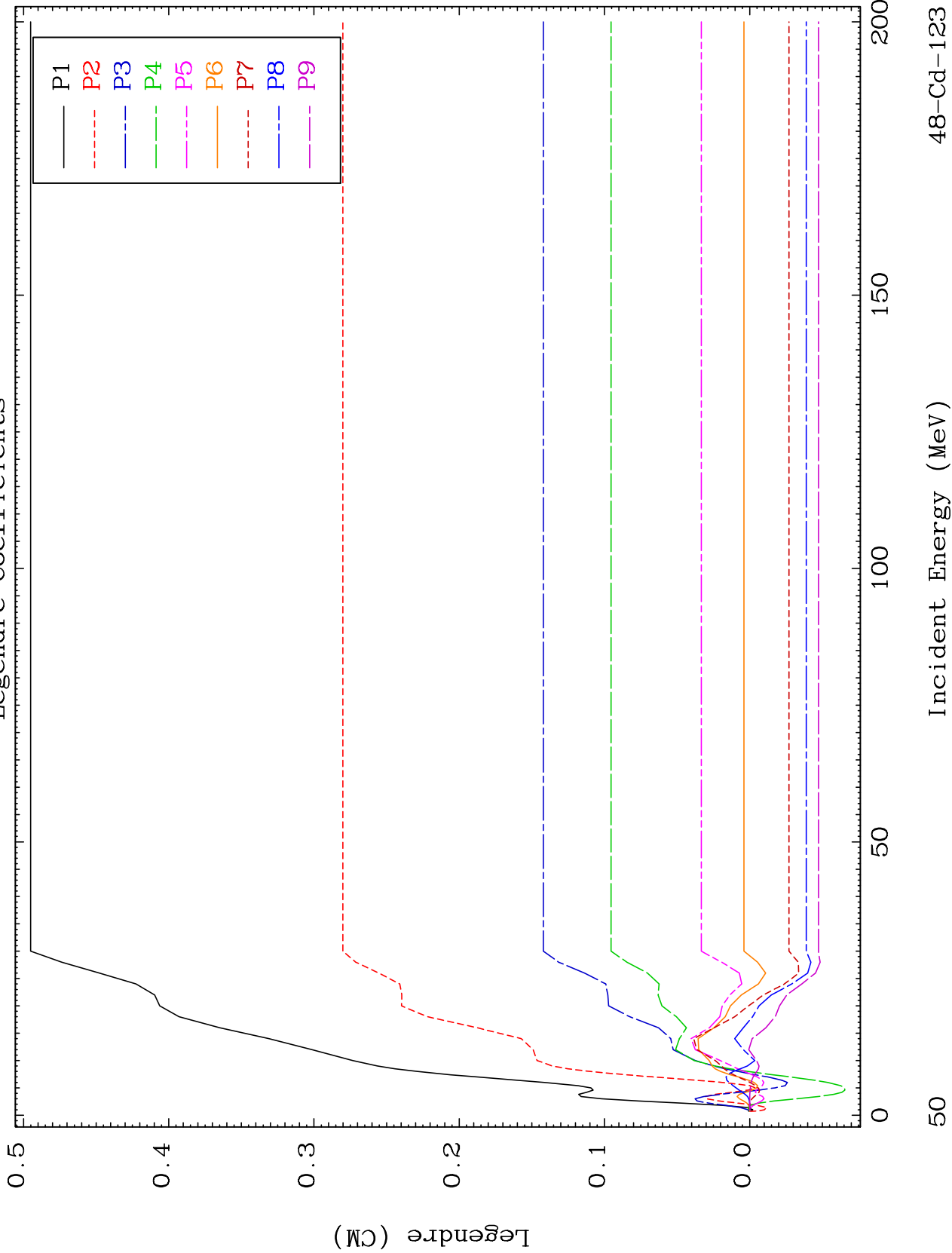


MAT 4876

MT= 59 (n,n') Level

48-Cd-123

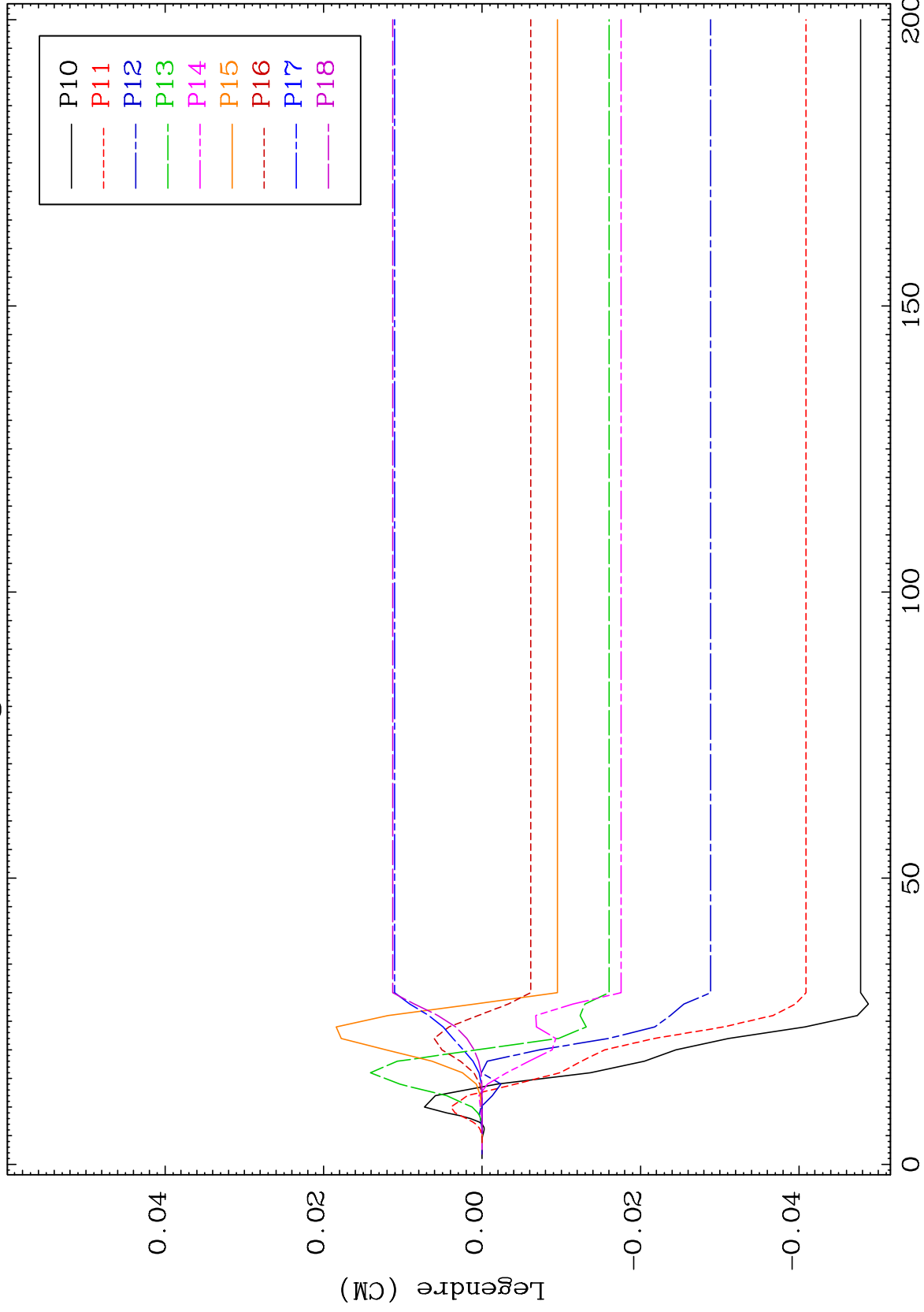
Legendre Coefficients



MAT 4876

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

48-Cd-123



51

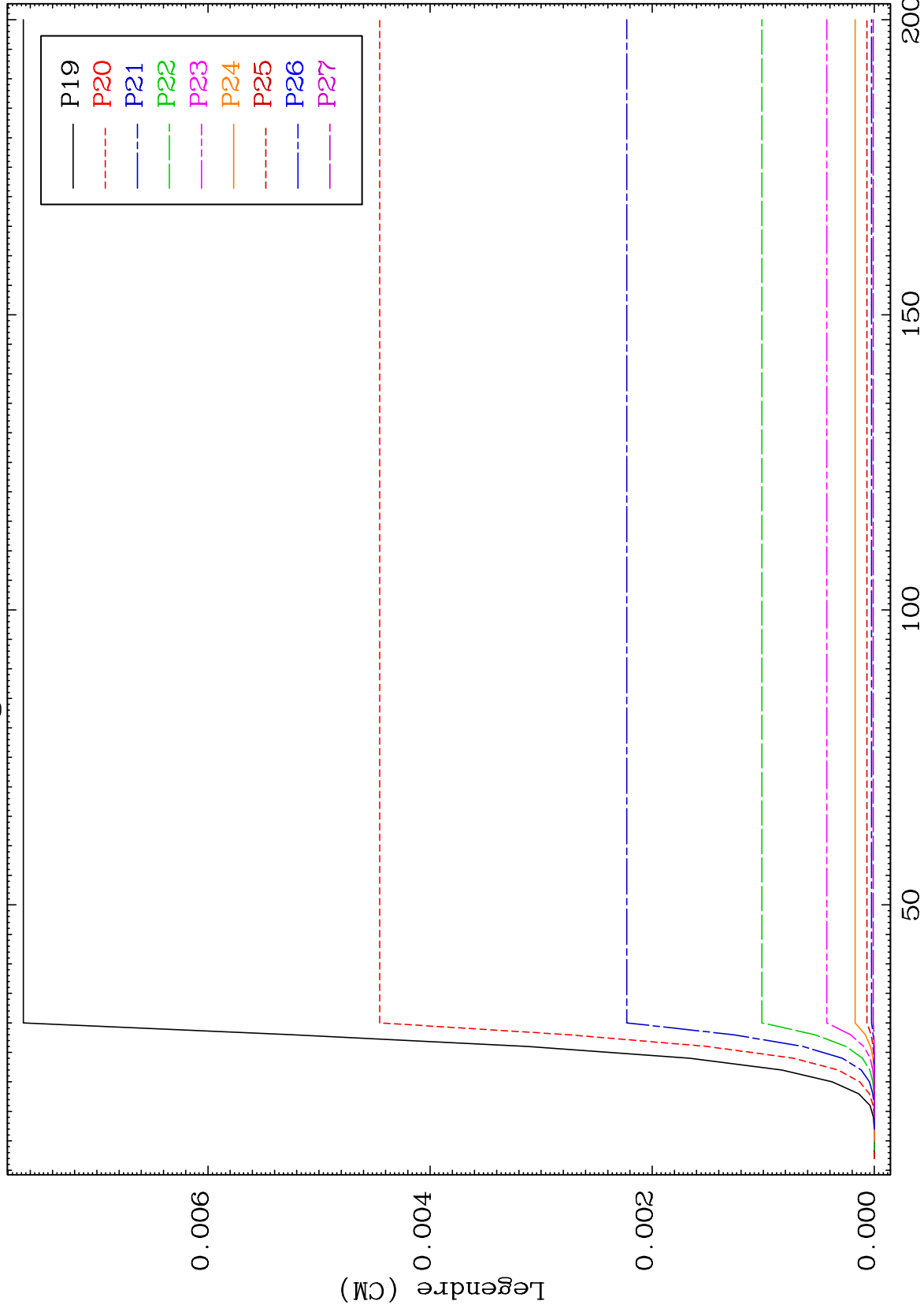
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



52

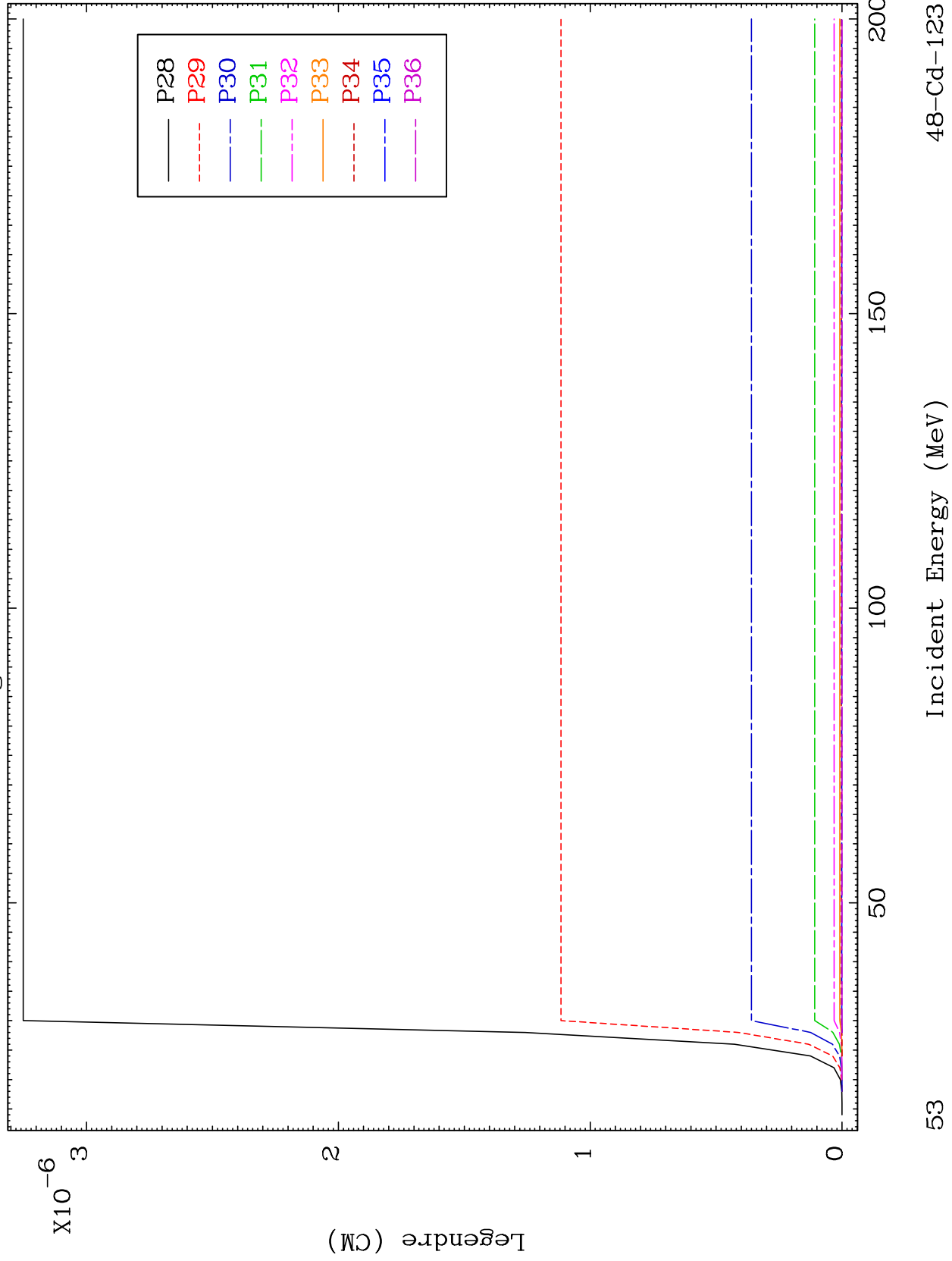
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

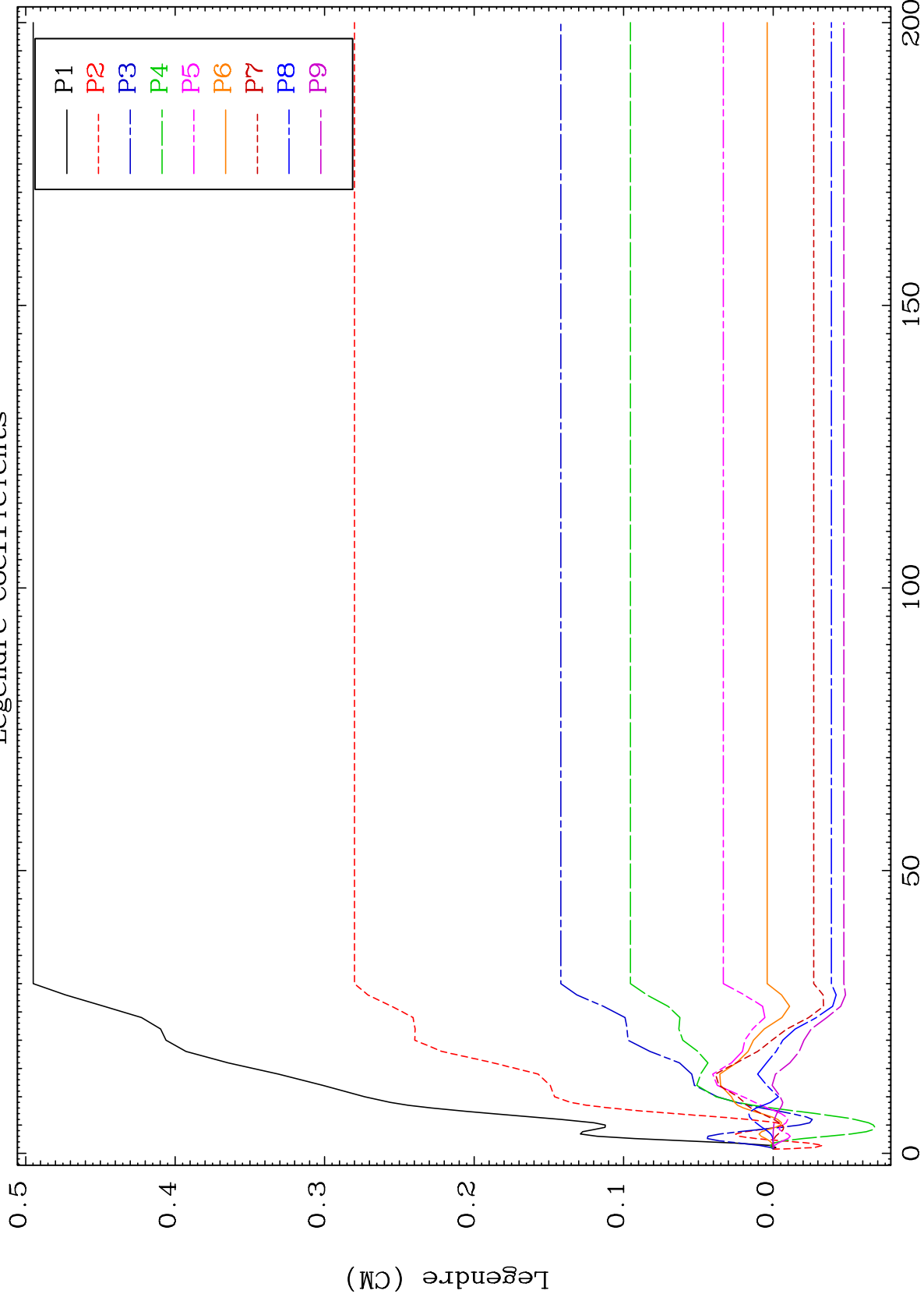
48-Cd-123



MAT 4876

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

48-Cd-123



54

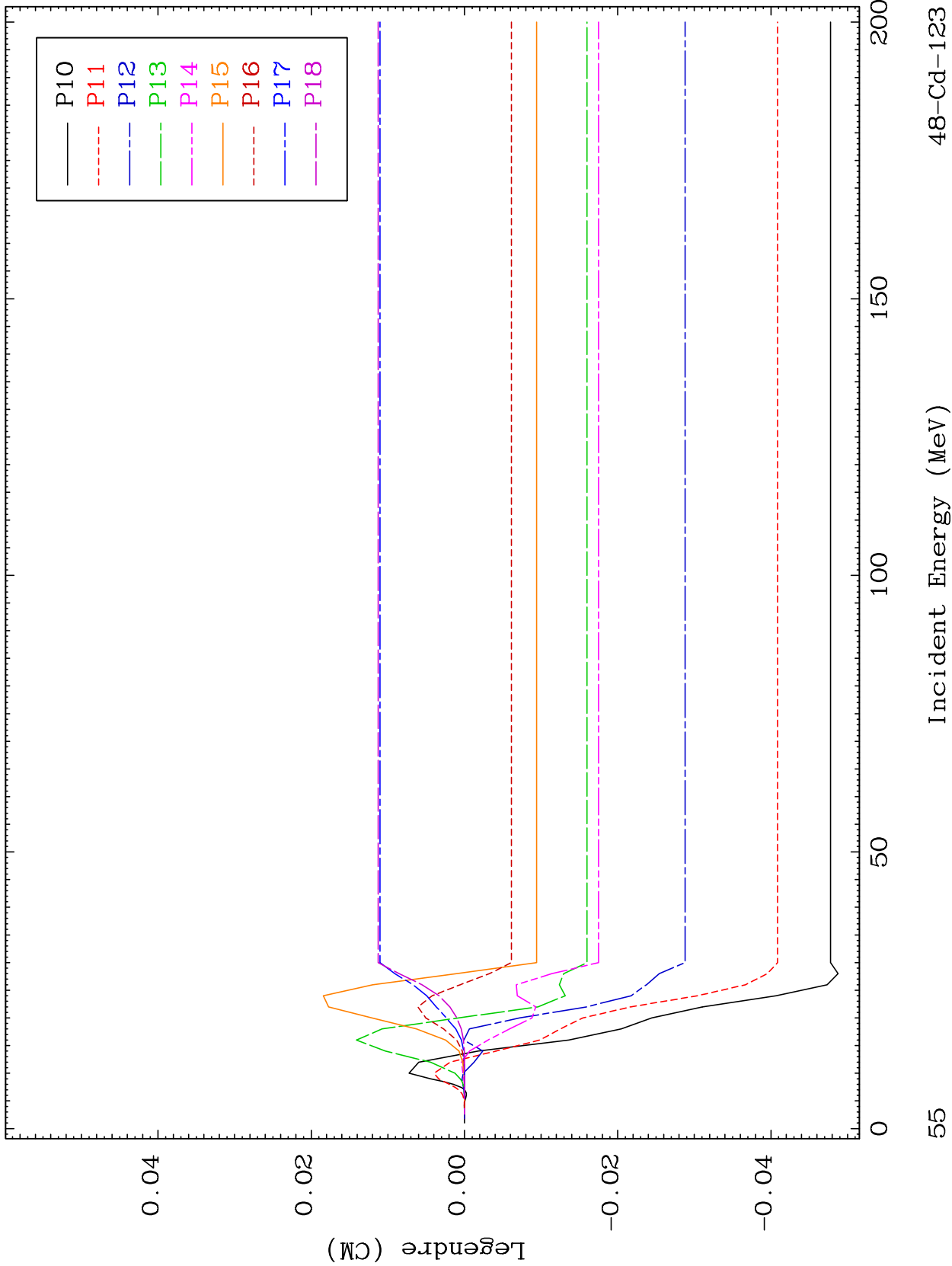
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

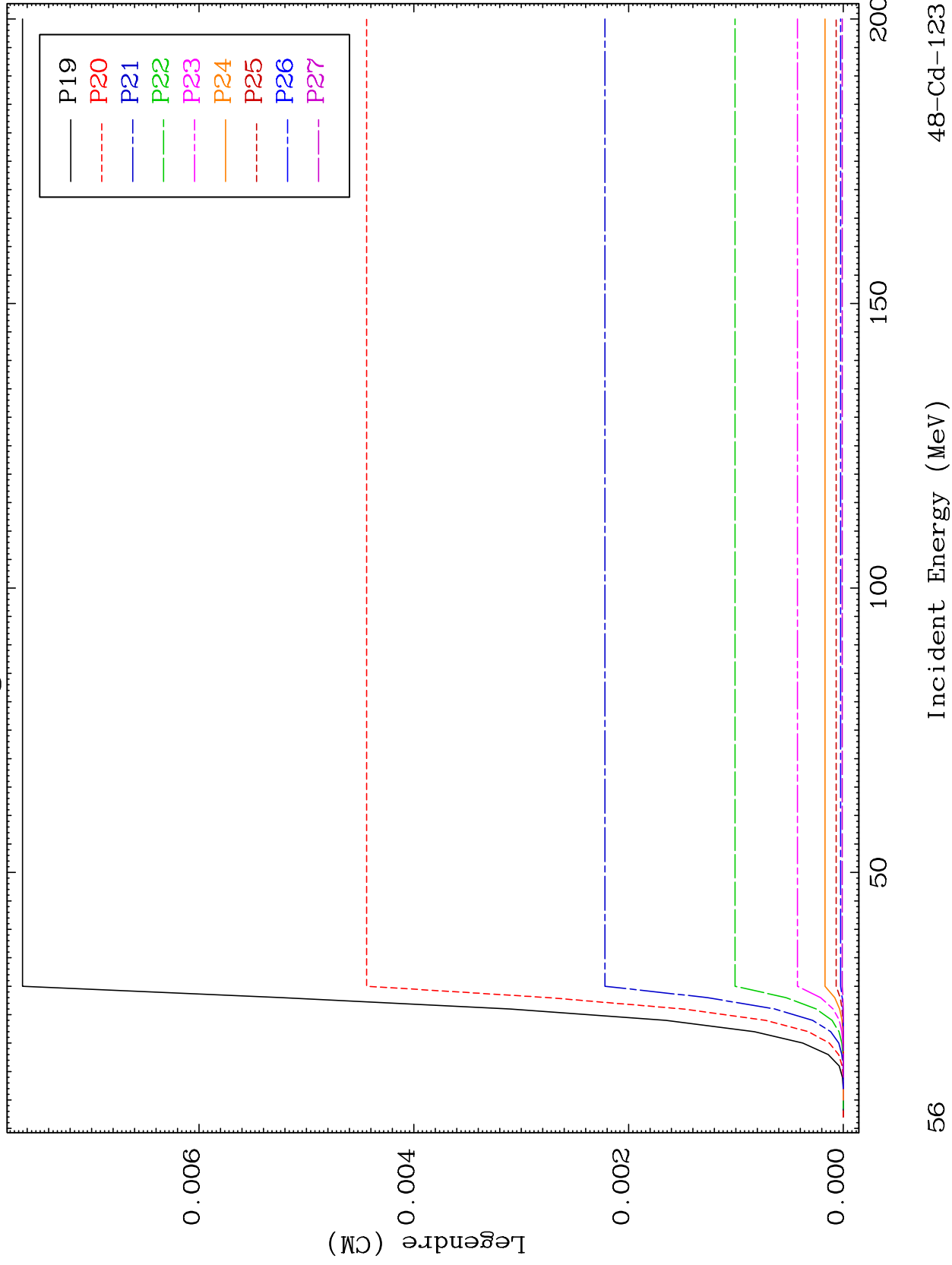
Incident Energy (MeV)

55

MAT 4876

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

48-Cd-123



56

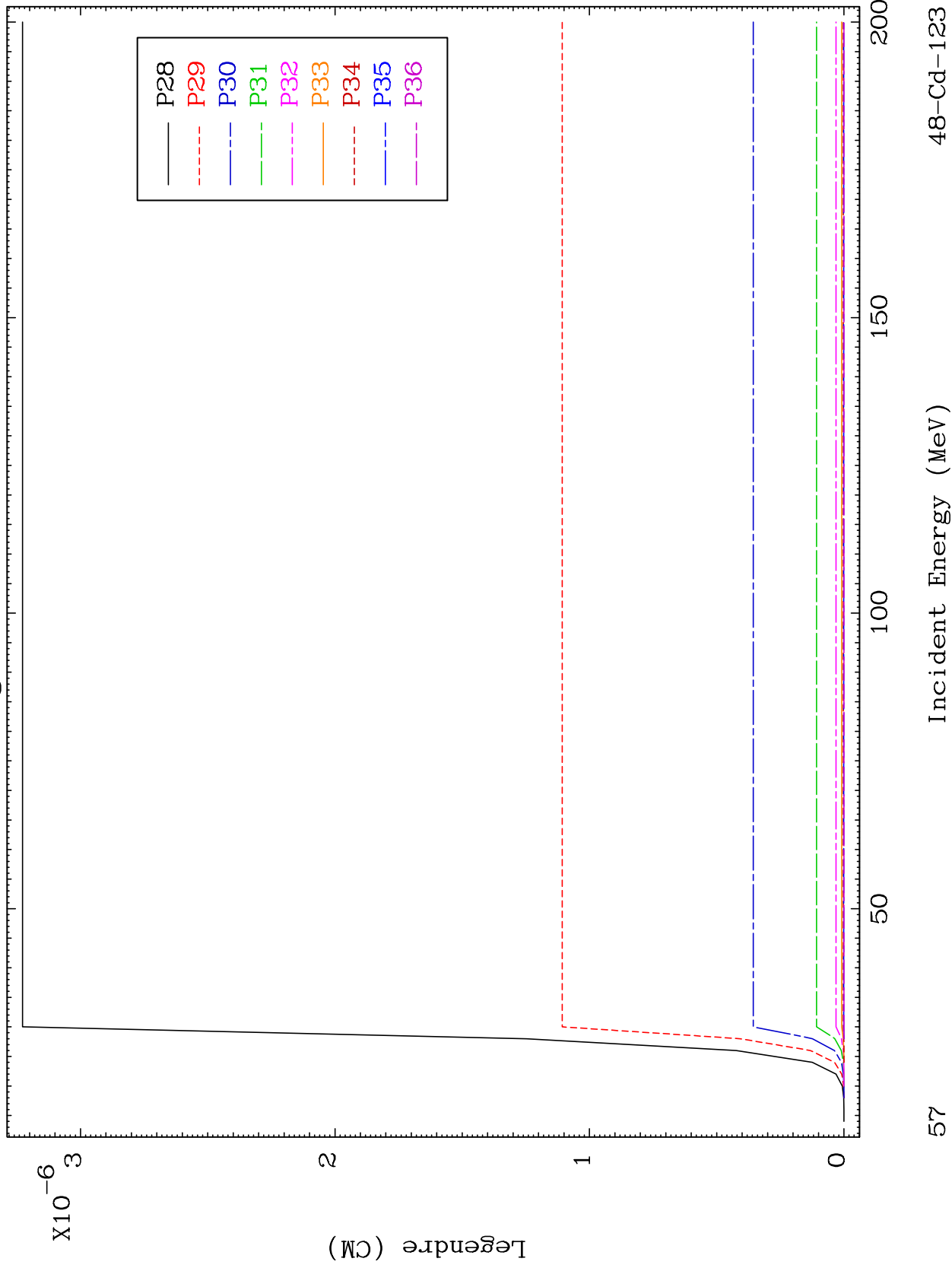
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

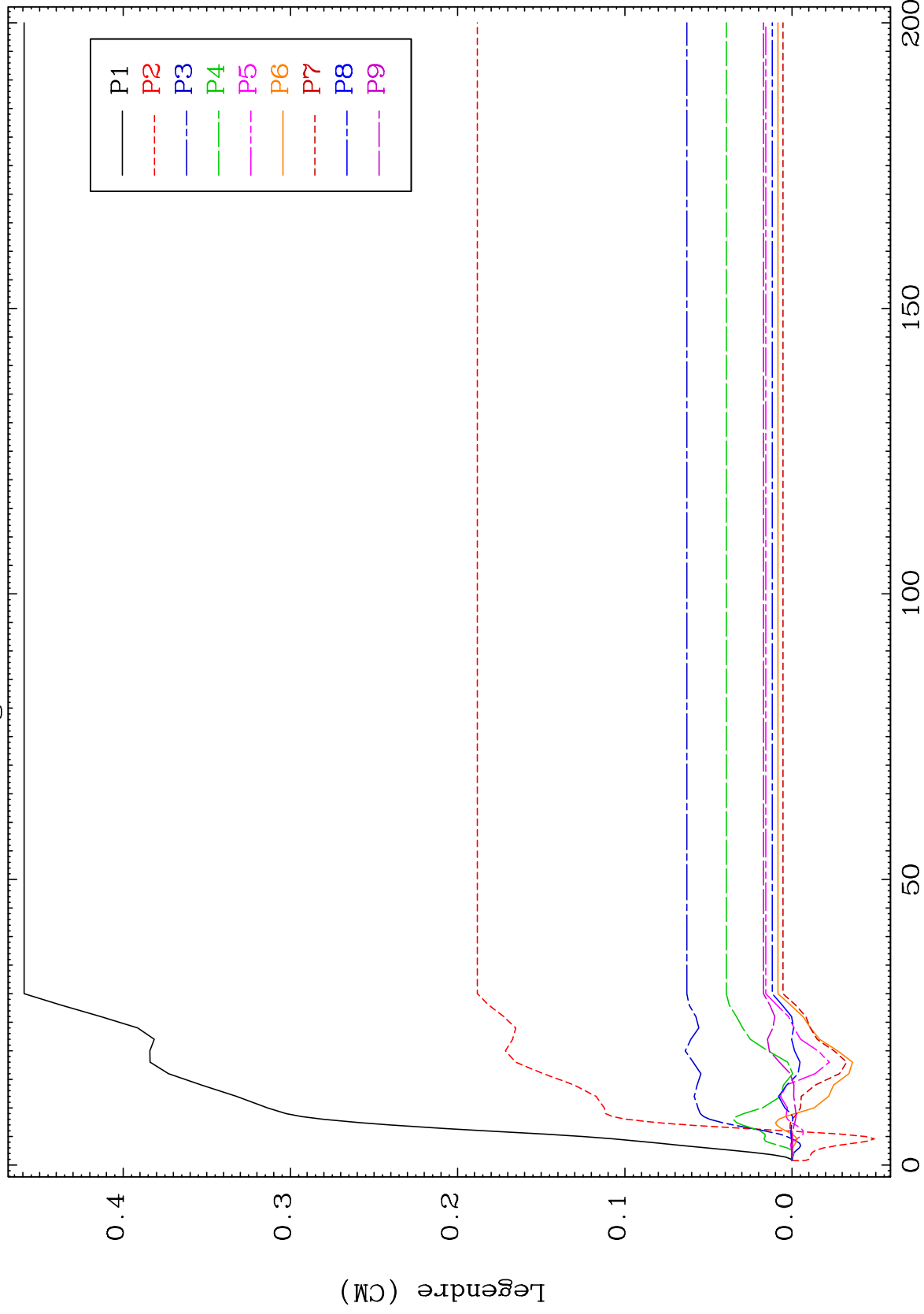
48-Cd-123



MAT 4876

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

48-Cd-123



58

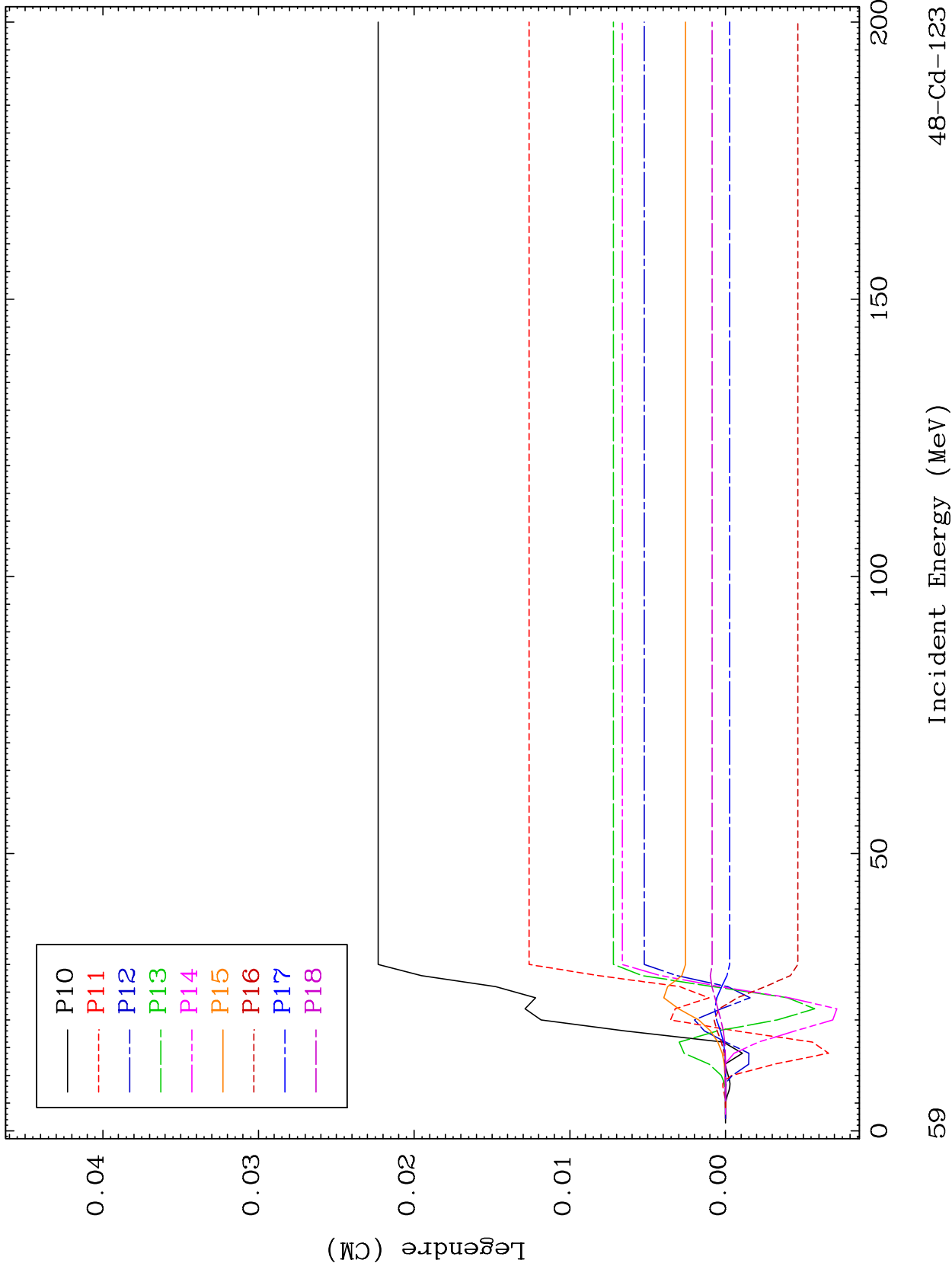
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

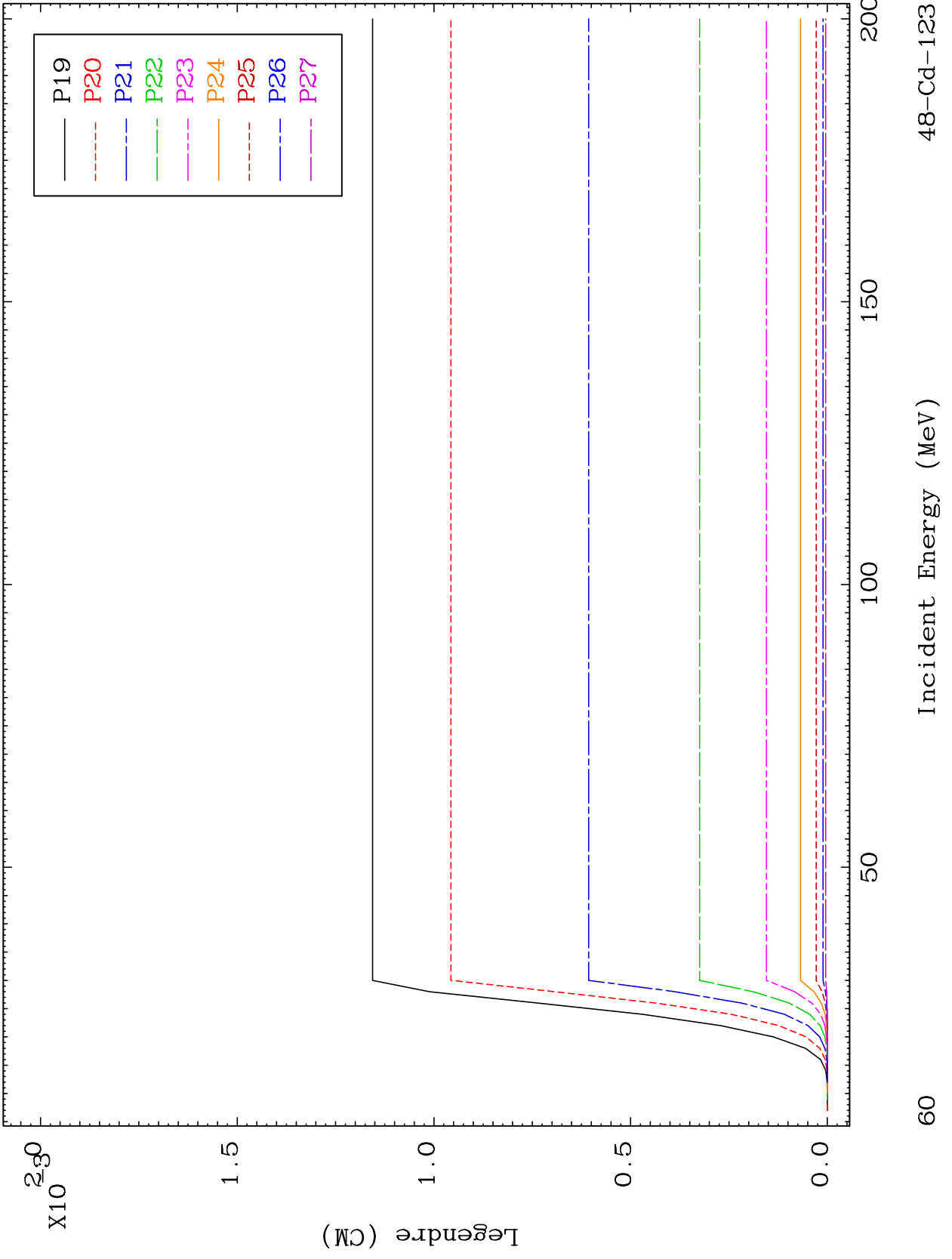
Incident Energy (MeV)

59

MAT 4876

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

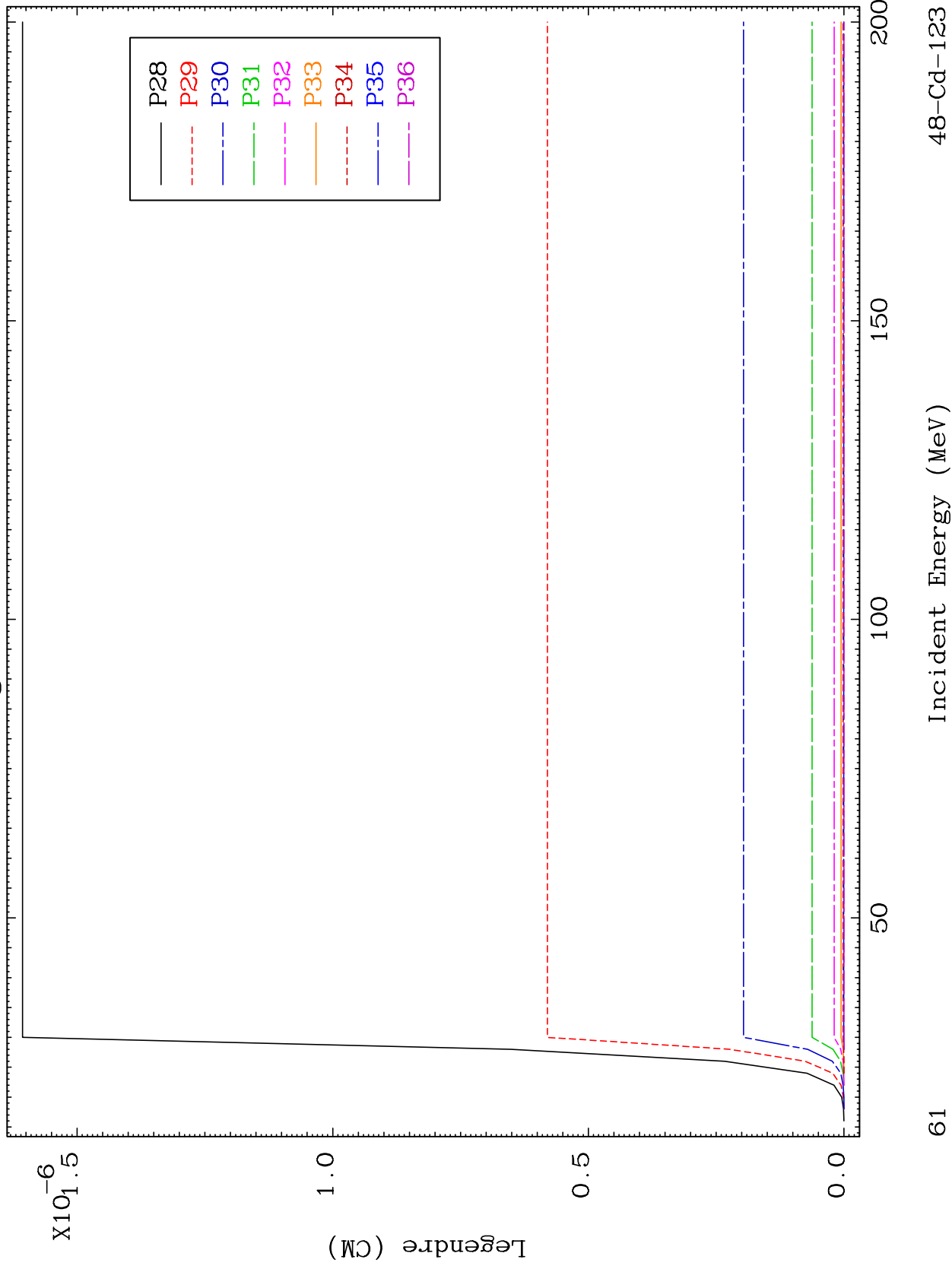
48-Cd-123



MAT 4876

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

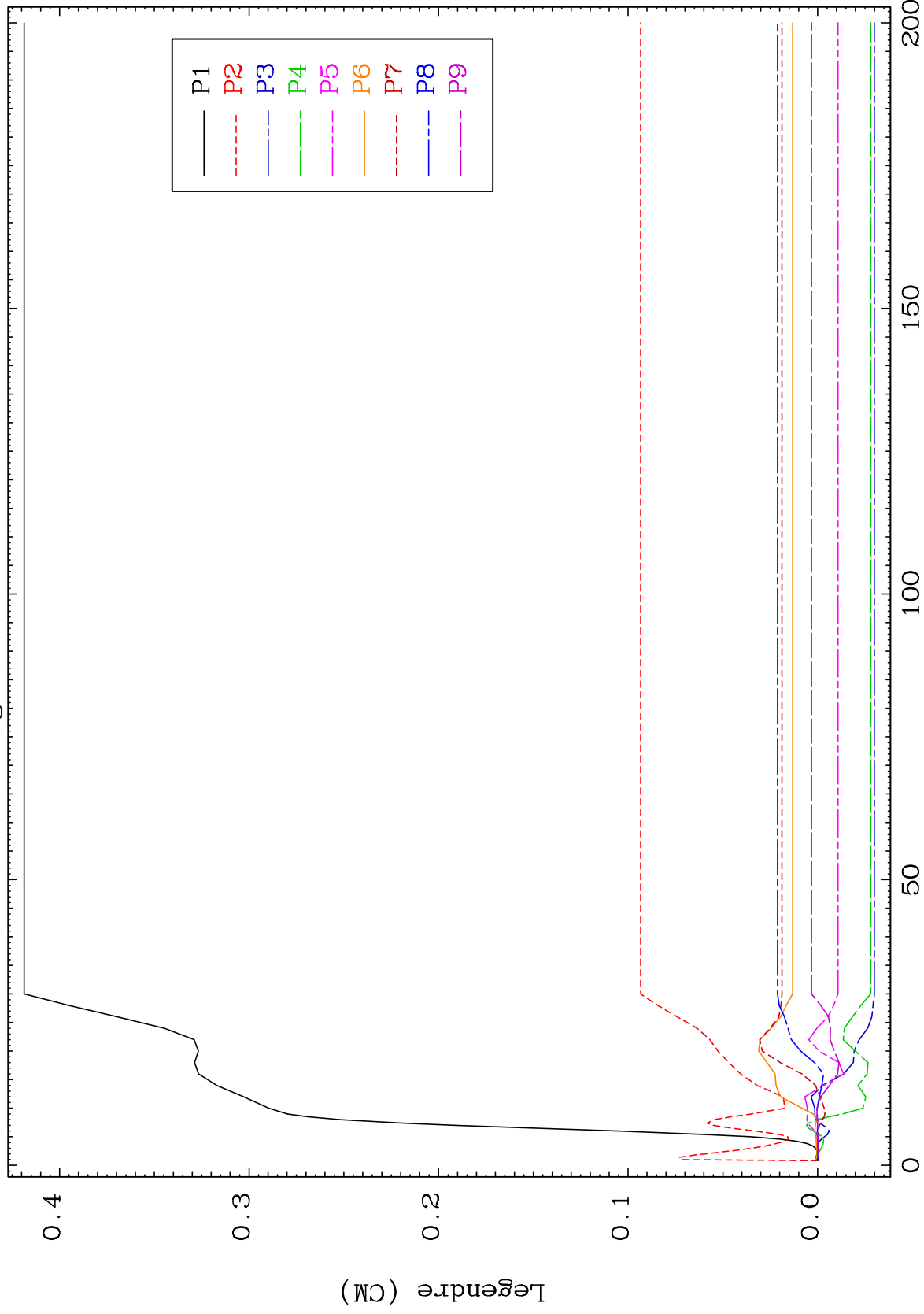
48-Cd-123



MAT 4876

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

48-Cd-123



48-Cd-123

Incident Energy (MeV)

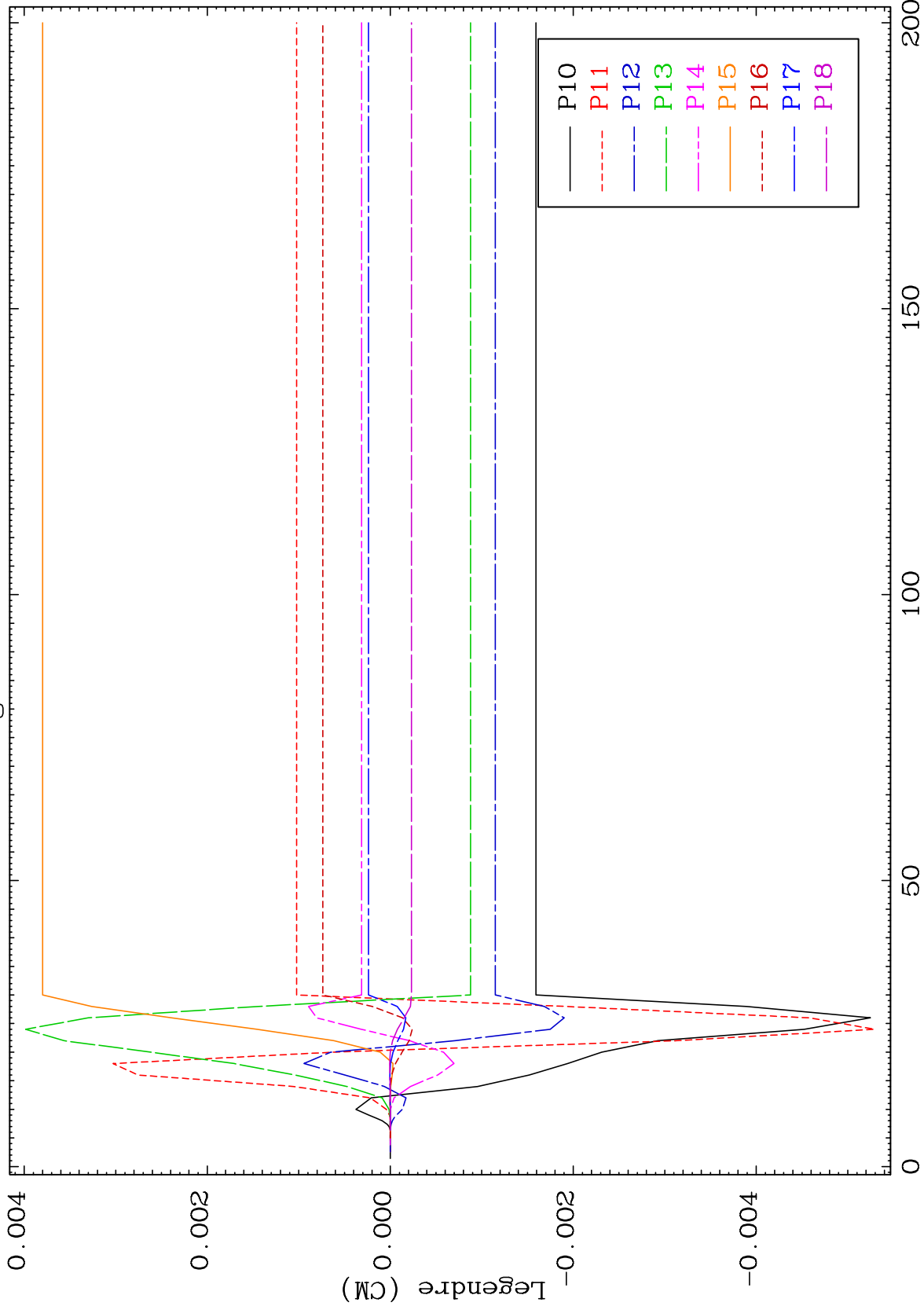
62

MAT 4876

MT= 62 (n,n') Level

48-Cd-123

Legendre Coefficients



Incident Energy (MeV)

48-Cd-123

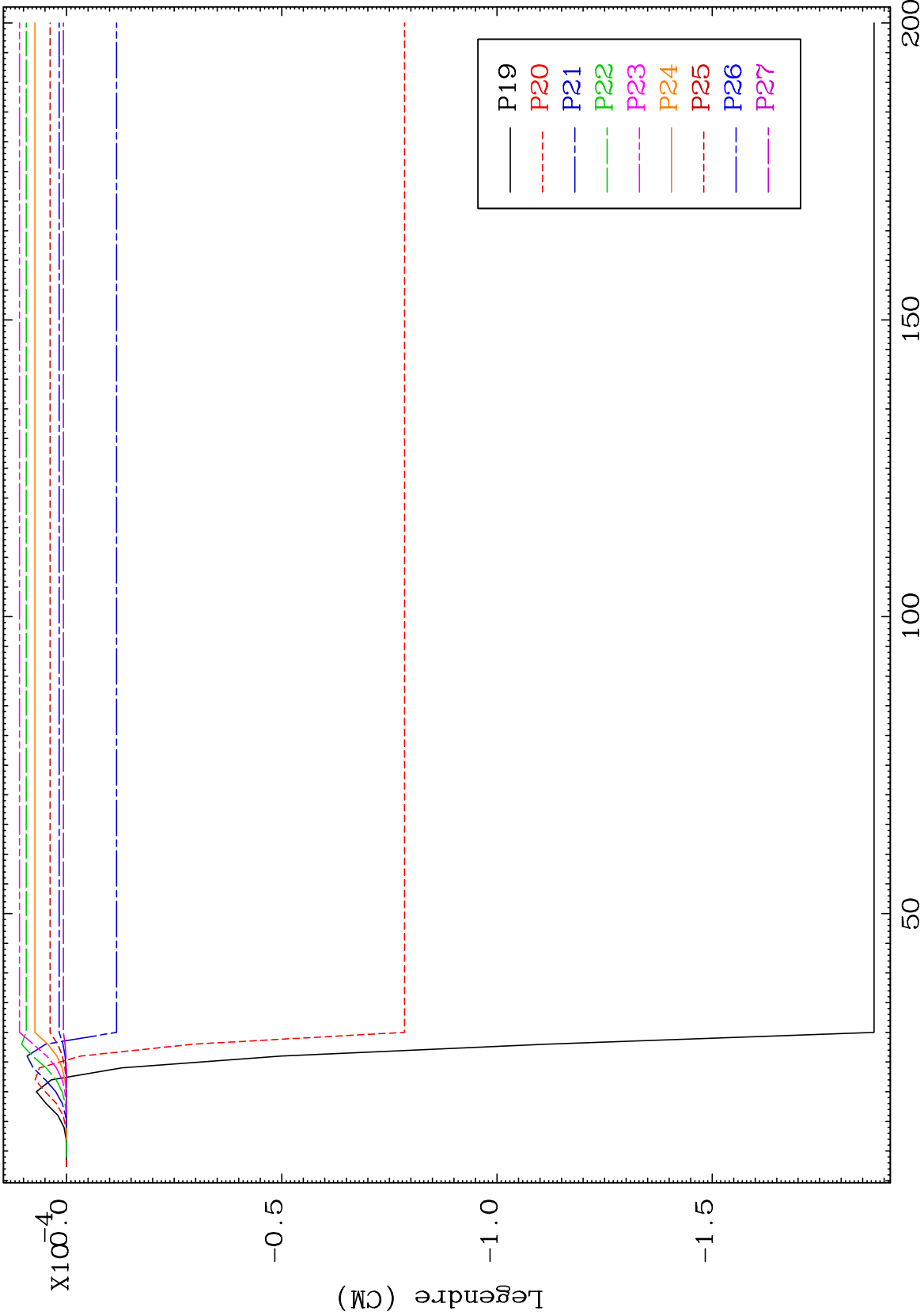
63

MAT 4876

MT= 62 (n,n') Level

48-Cd-123

Legendre Coefficients



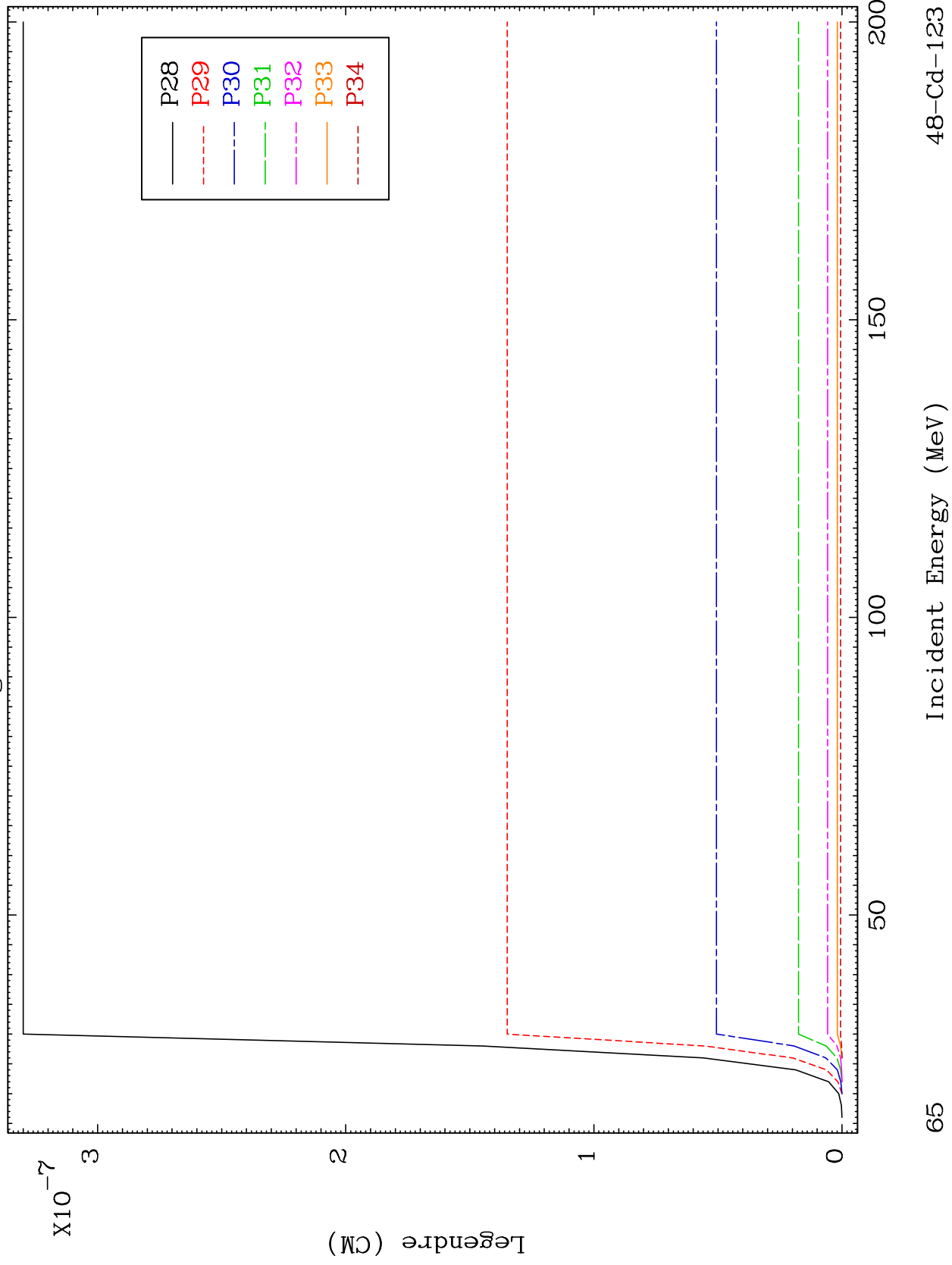
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48-Cd-123

MAT 4876

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

48-Cd-123



65

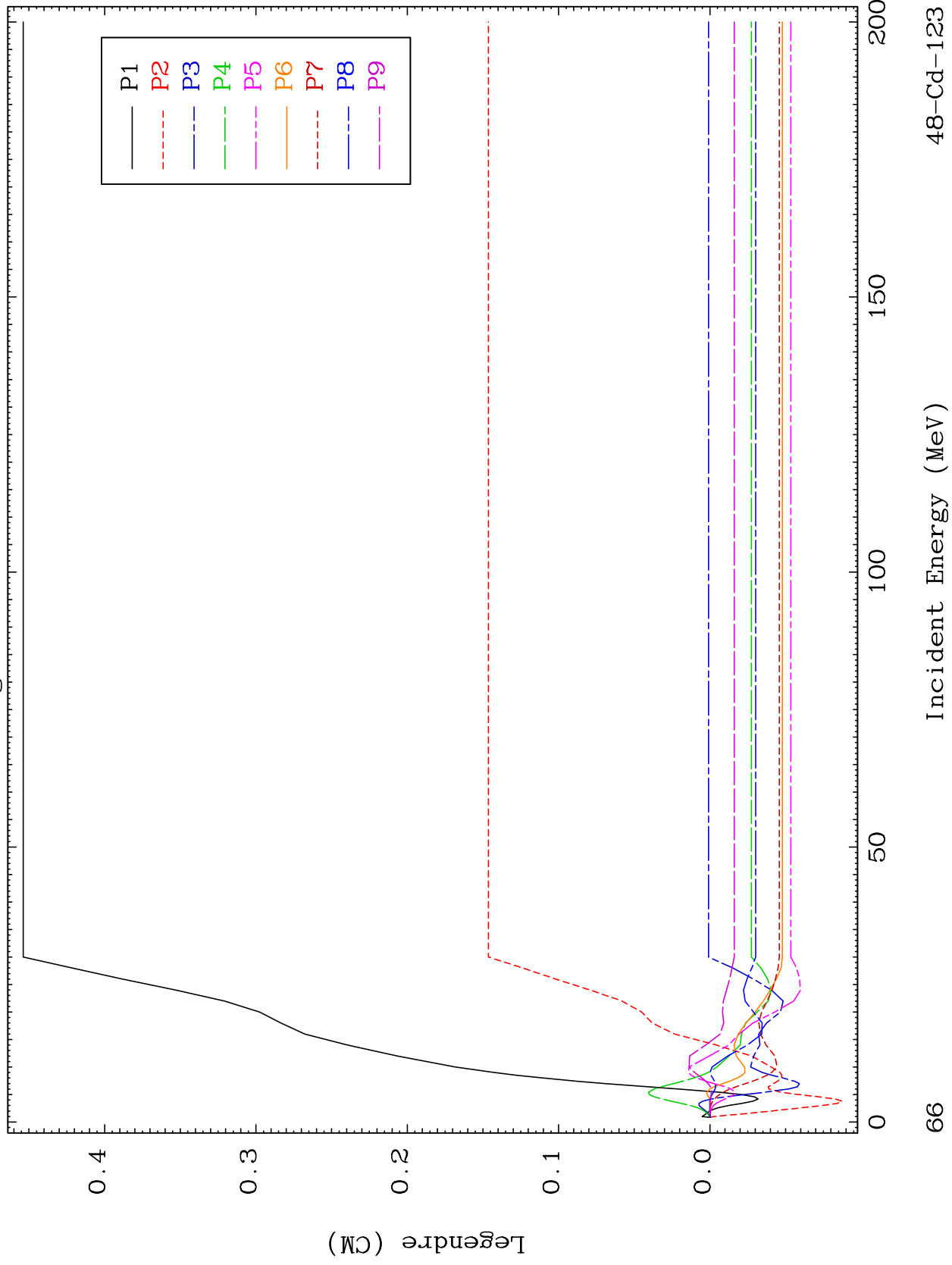
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

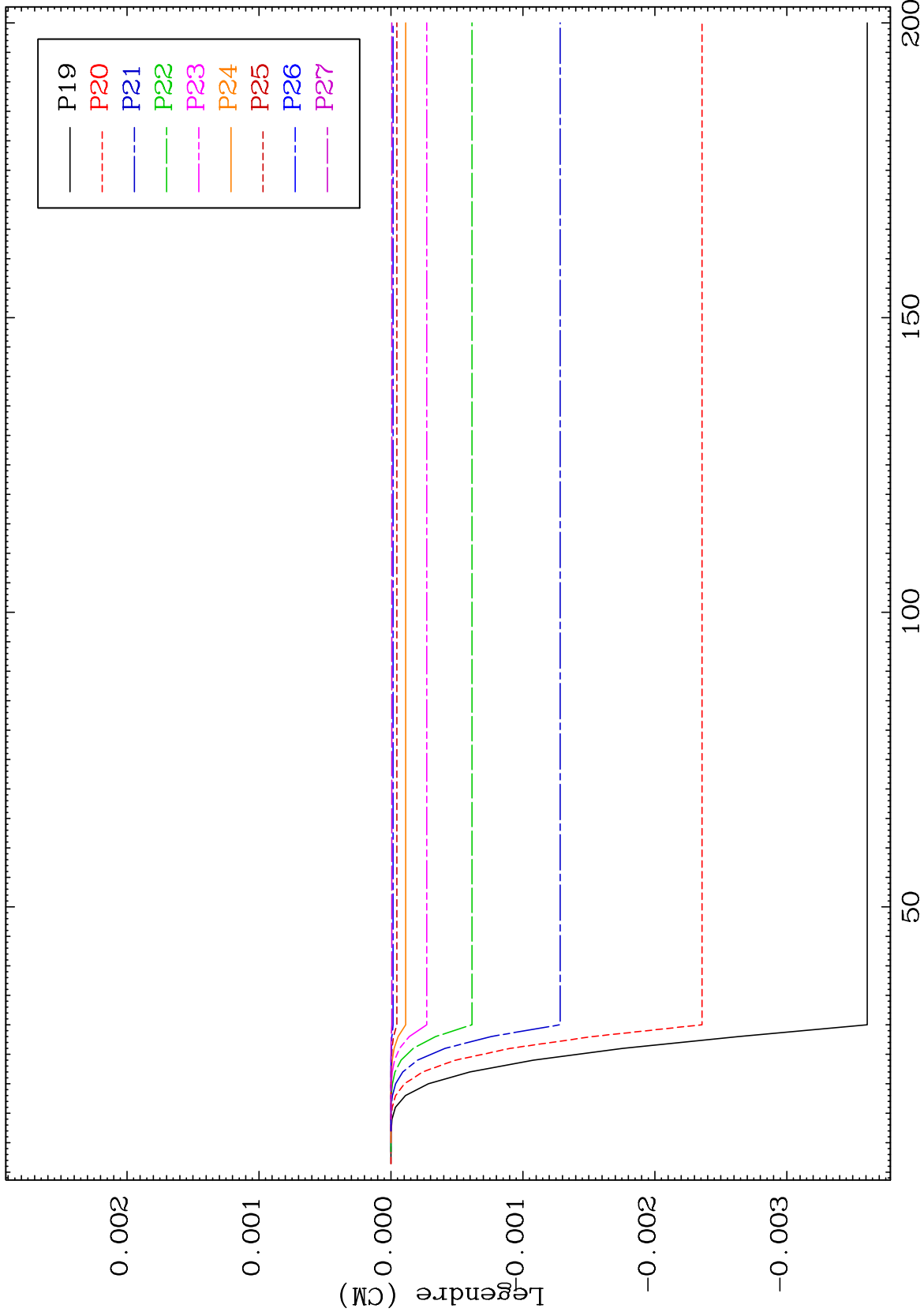
Incident Energy (MeV)

66

MAT 4876

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

48-Cd-123



68

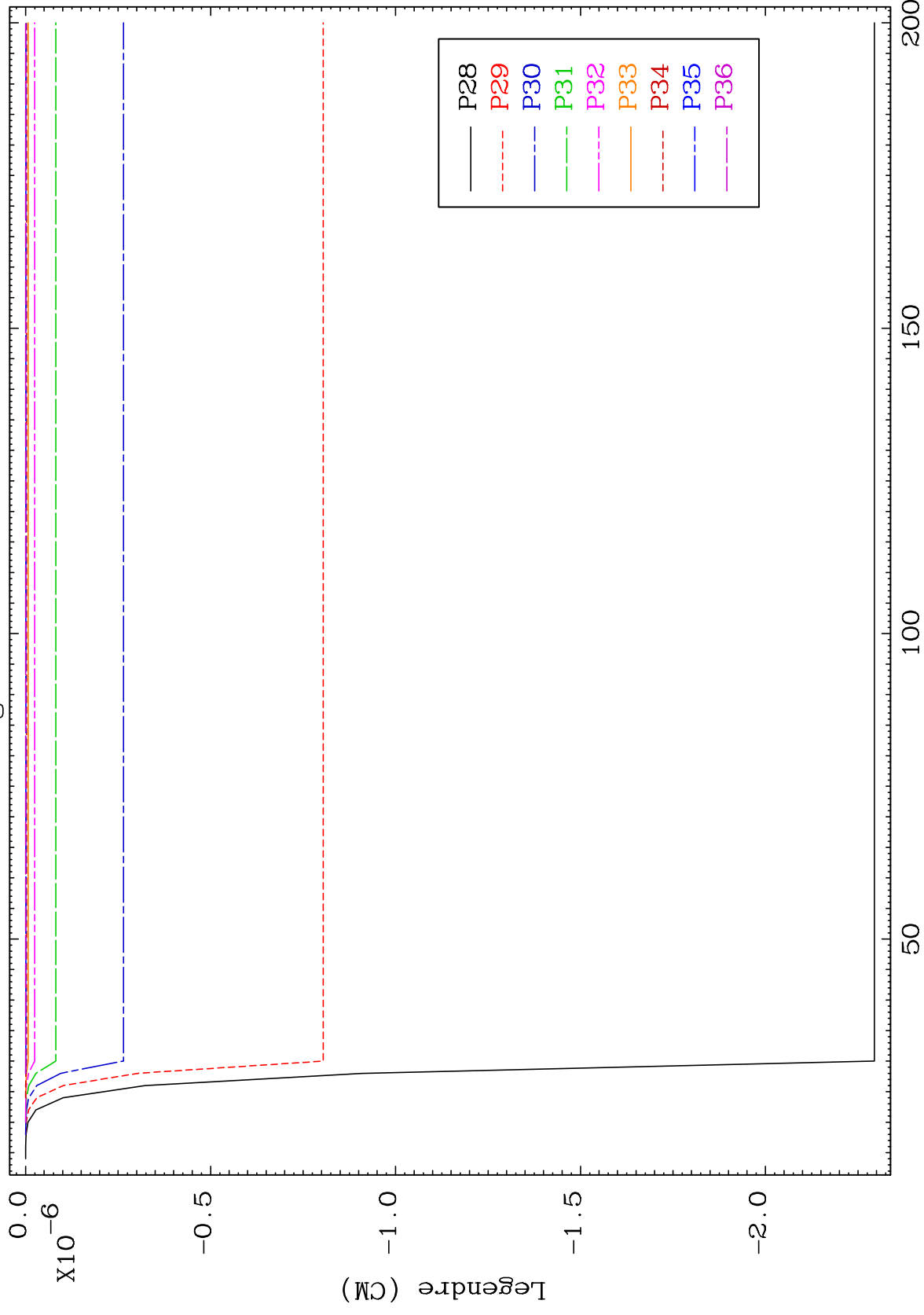
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



69

Incident Energy (MeV)

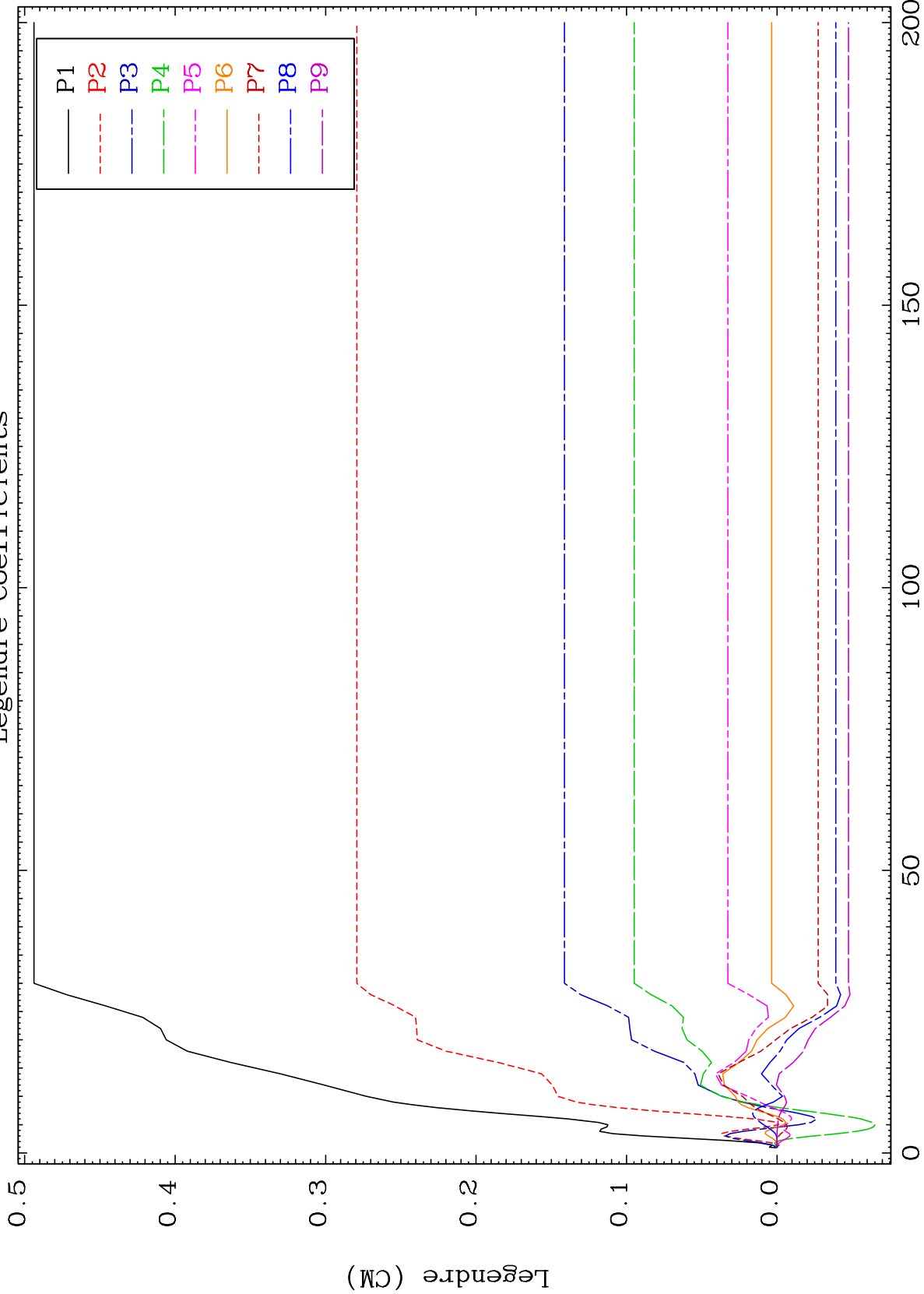
48-Cd-123

MAT 4876

MT= 64 (n,n') Level

48-Cd-123

Legendre Coefficients



48-Cd-123

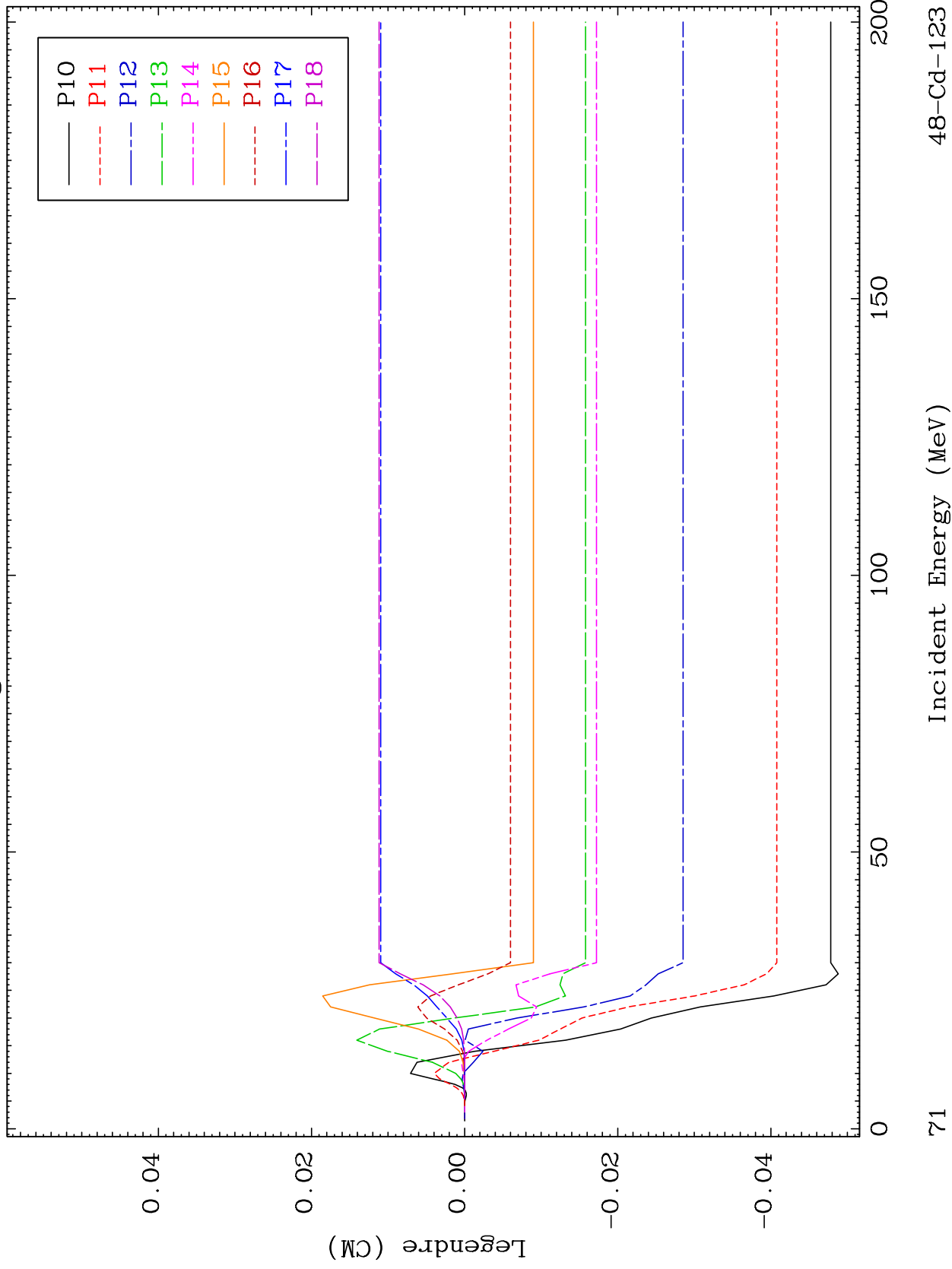
Incident Energy (MeV)

70

MAT 4876

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

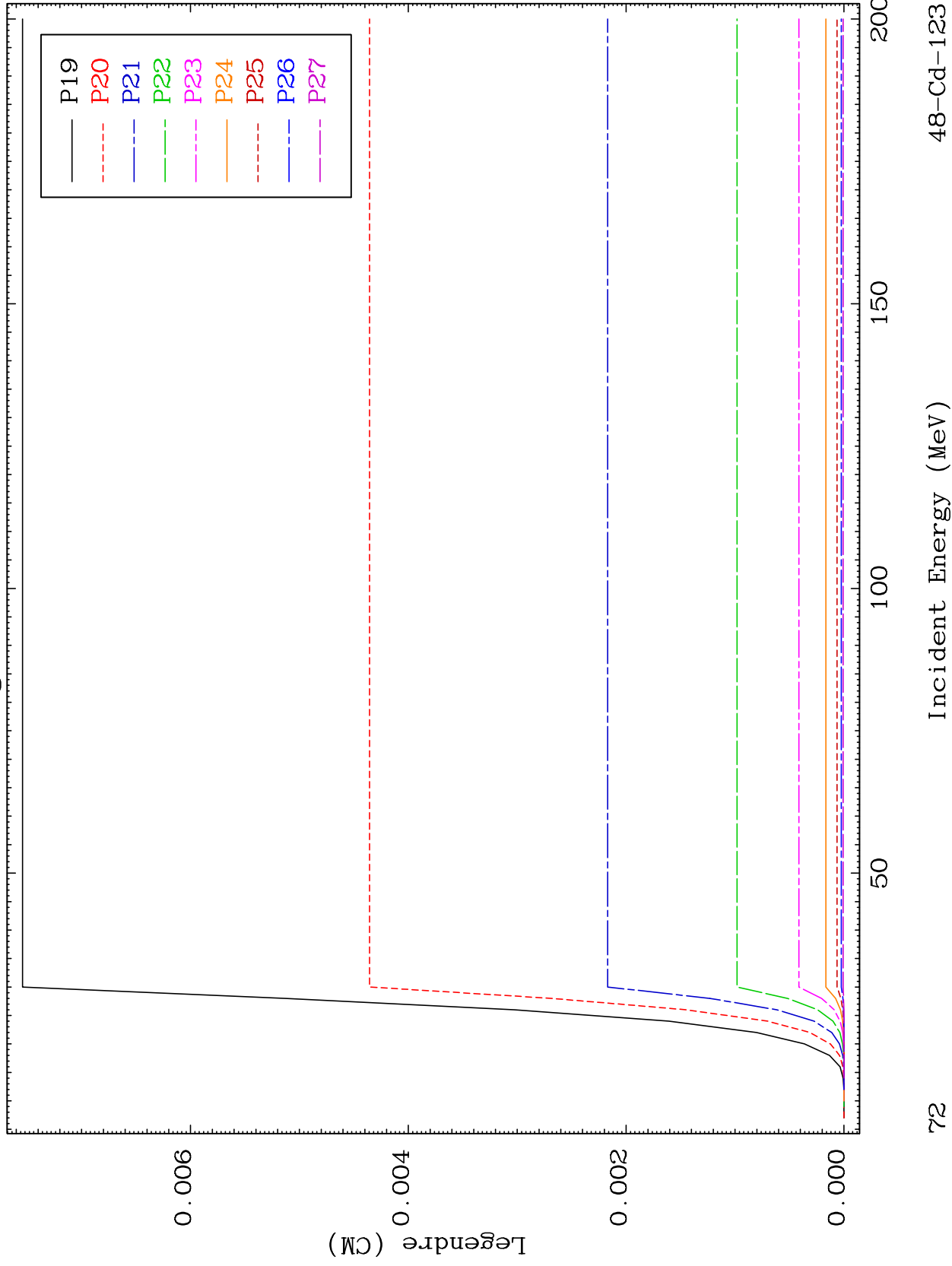
48-Cd-123



MAT 4876

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

48-Cd-123



72

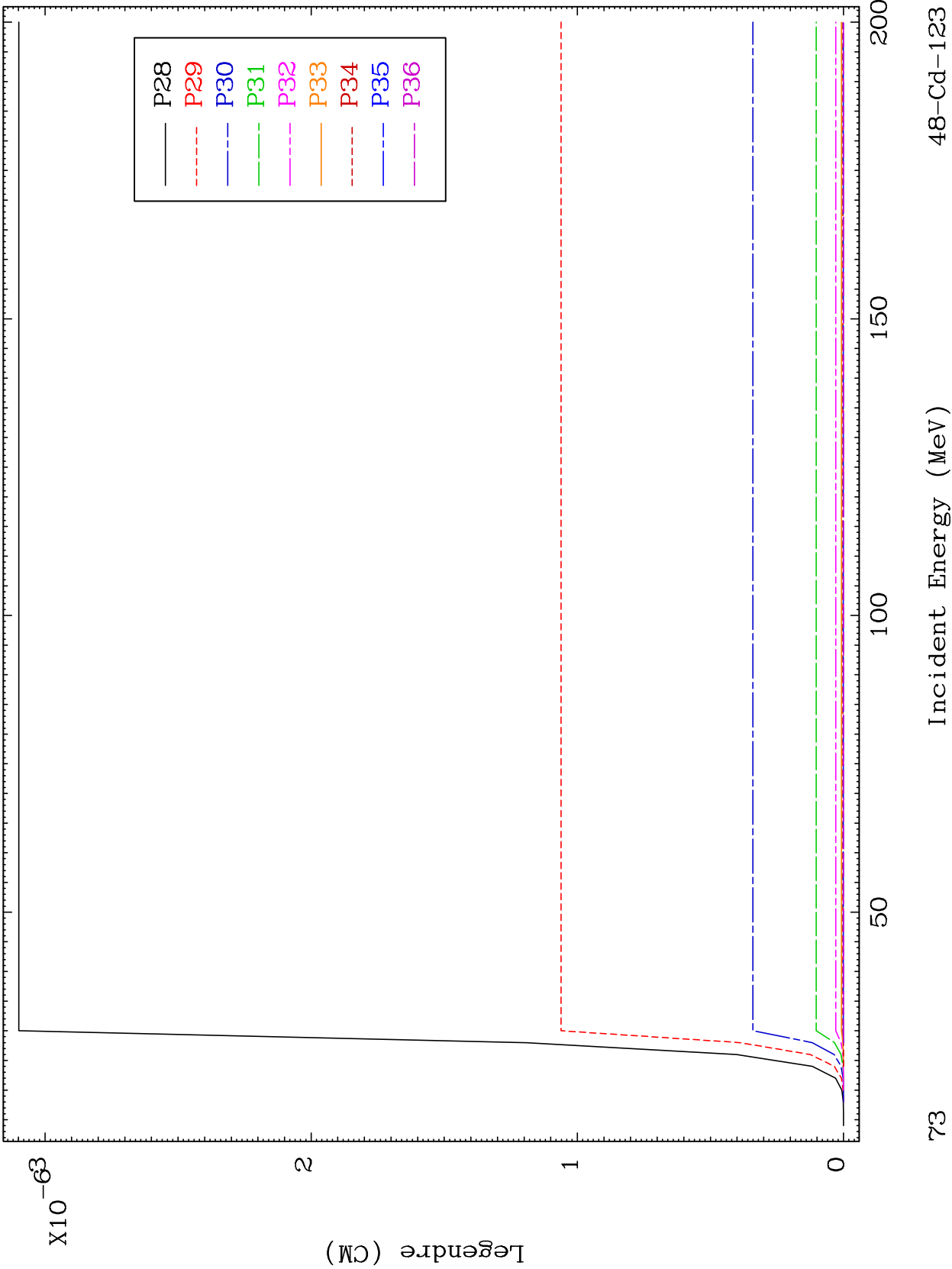
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



73

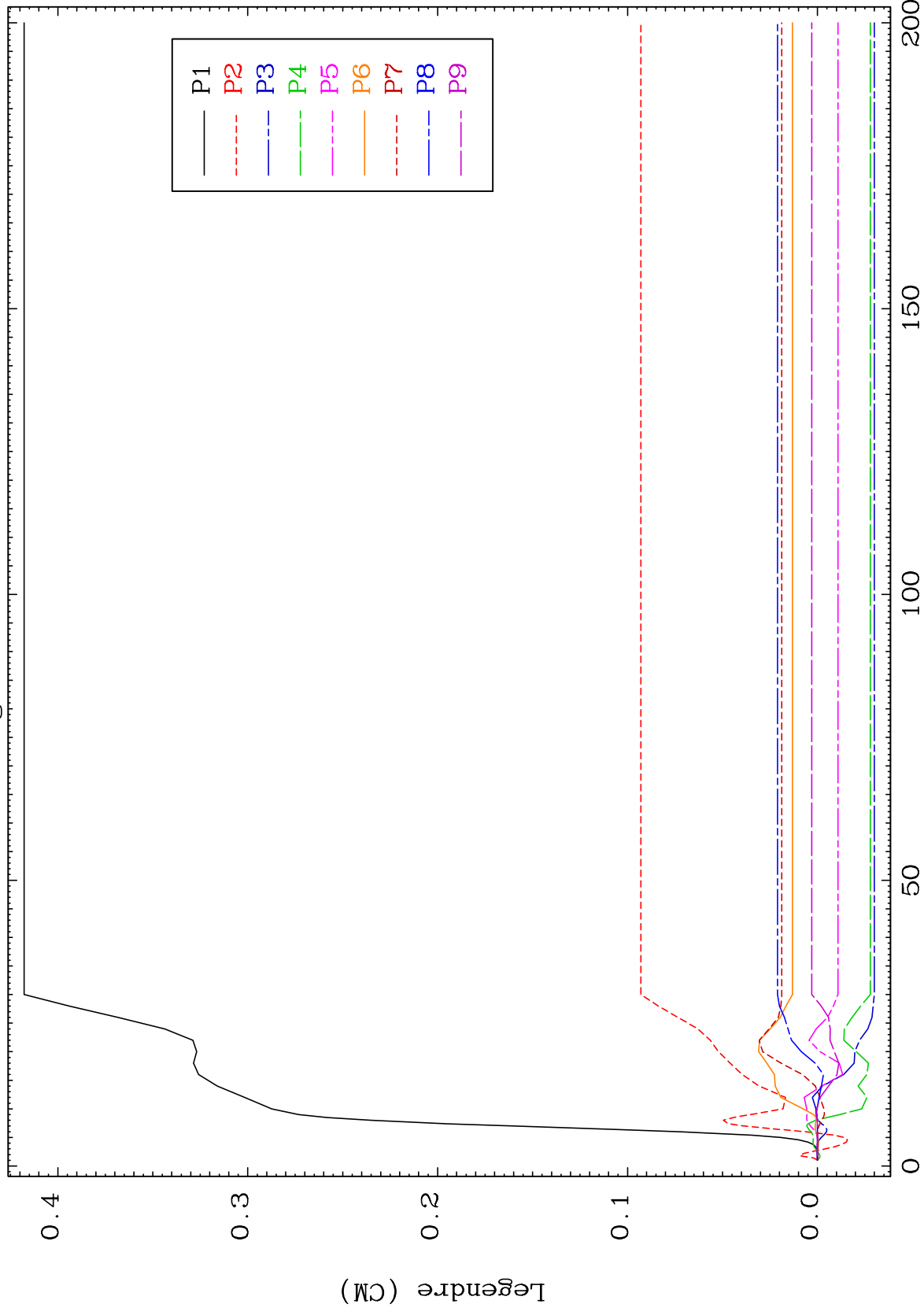
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

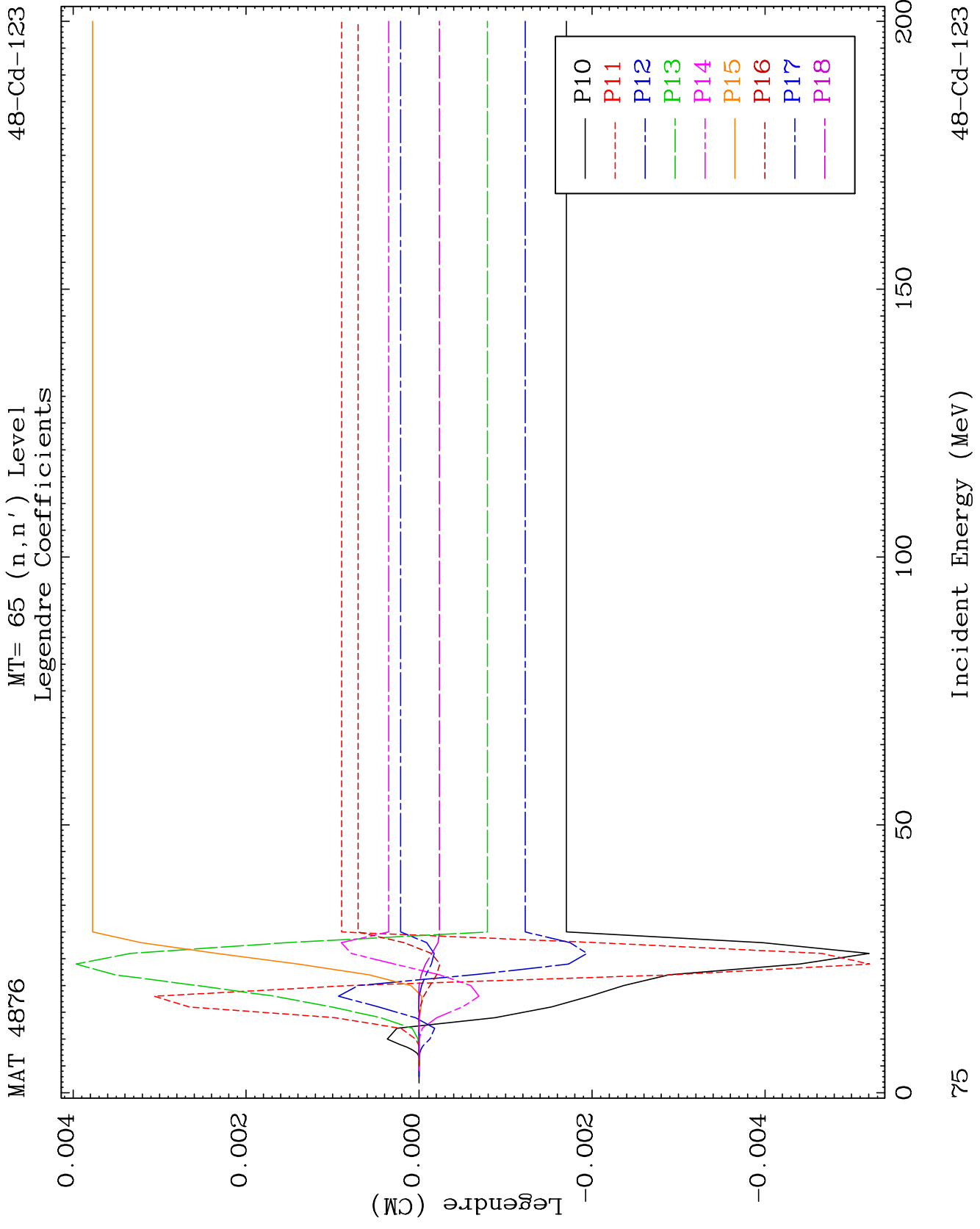
48-Cd-123



74

Incident Energy (MeV)

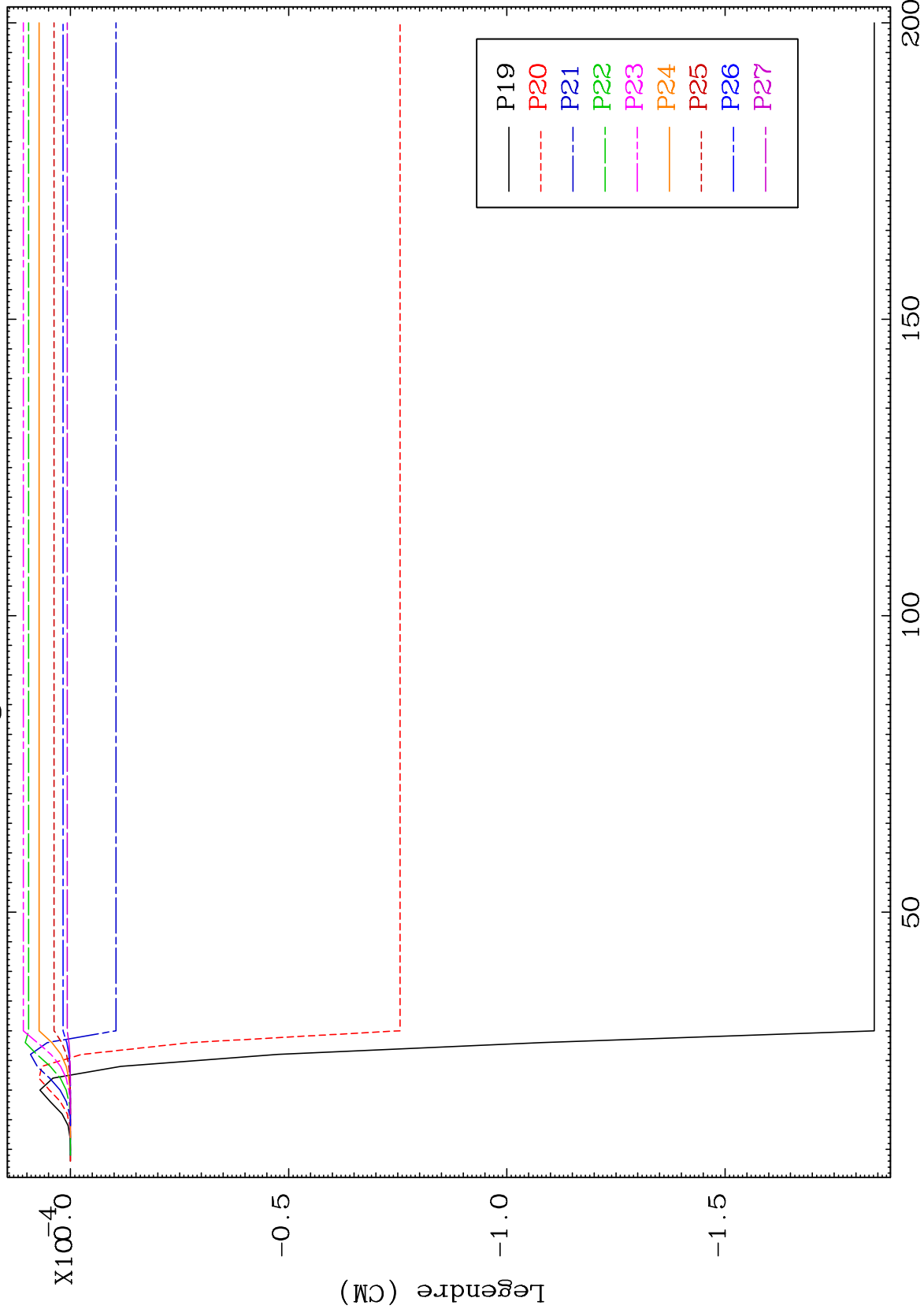
48-Cd-123



MAT 4876

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

48-Cd-123



76

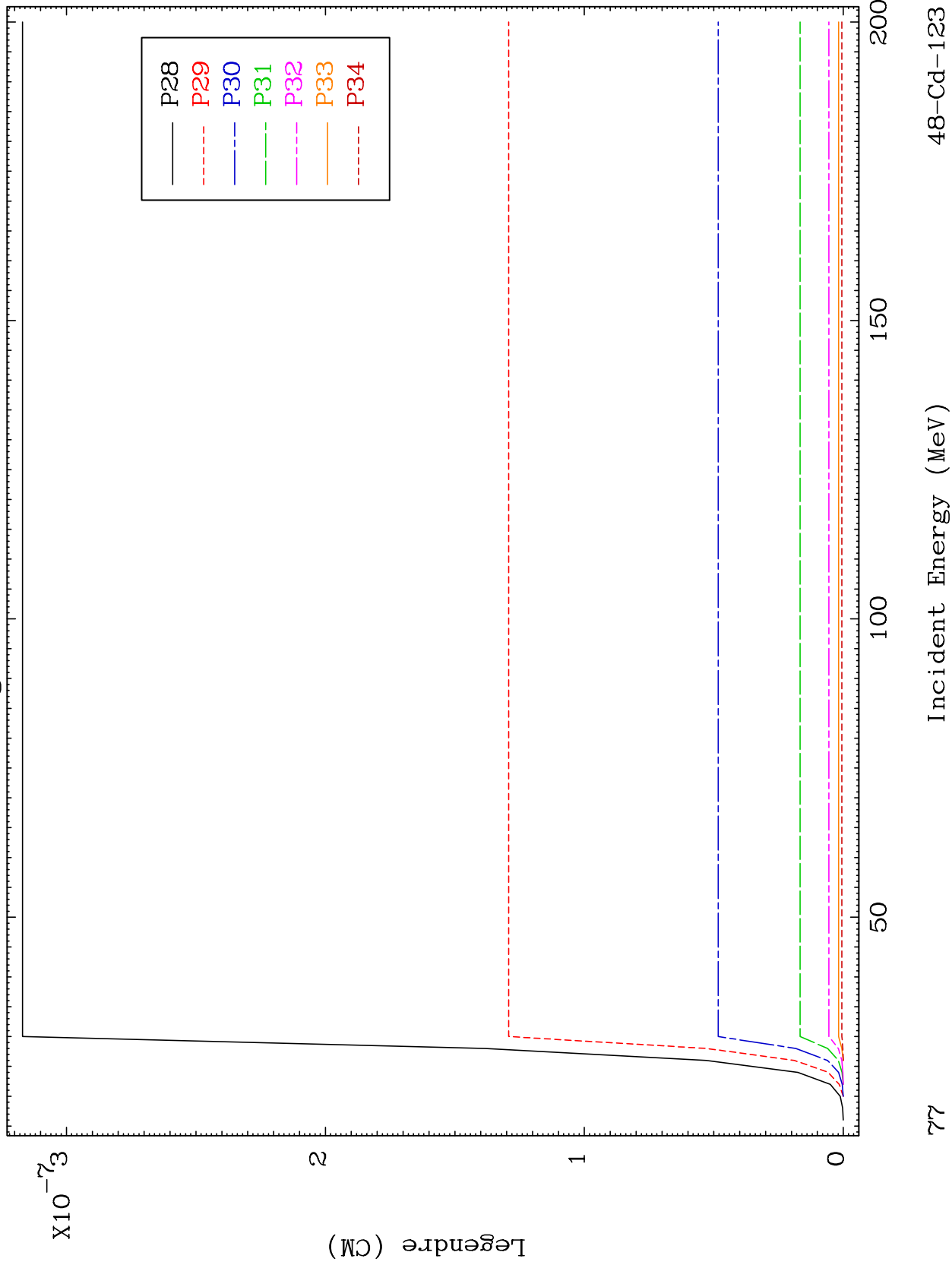
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



77

Incident Energy (MeV)

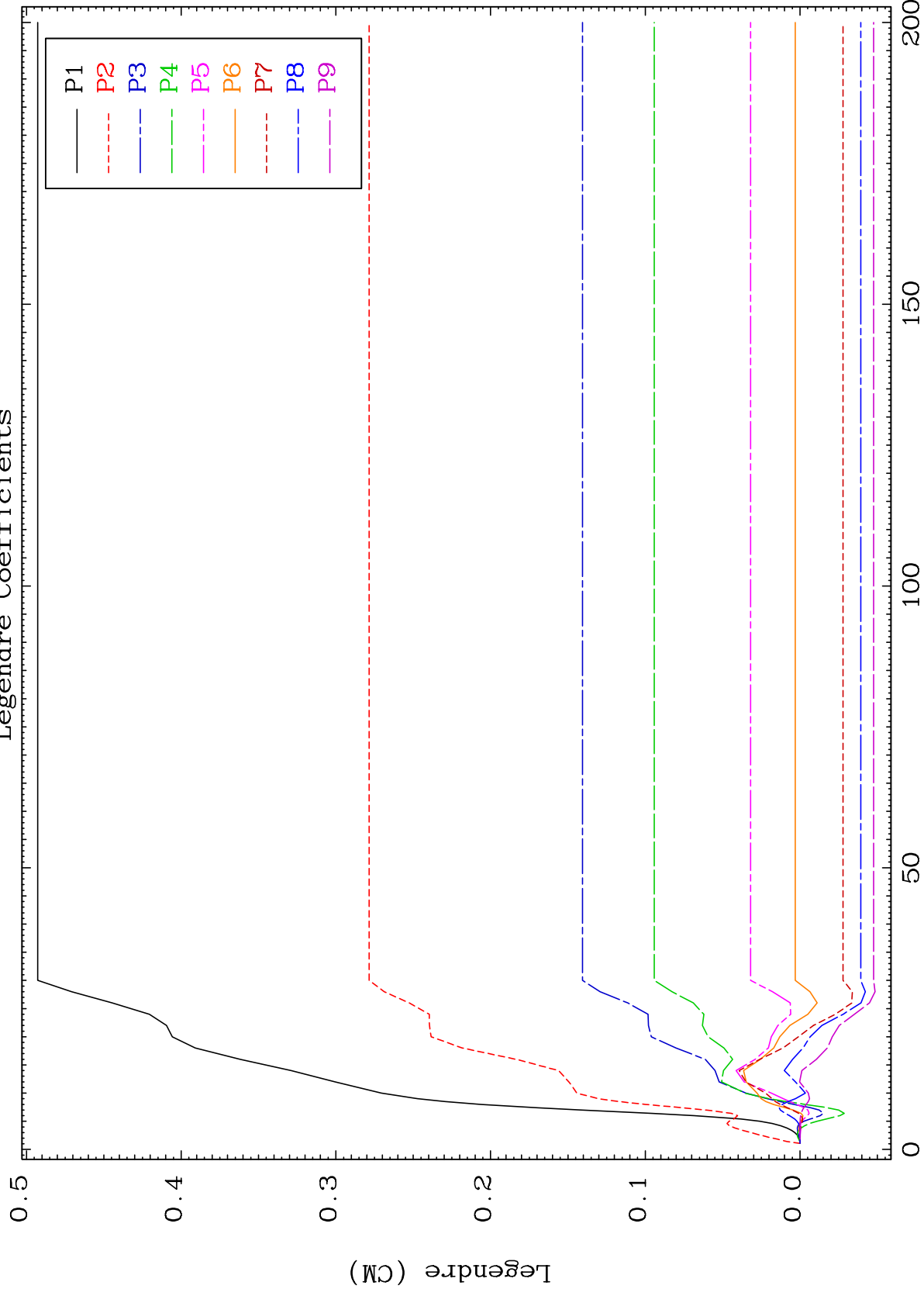
48-Cd-123

MAT 4876

MT= 66 (n,n') Level

48-Cd-123

Legendre Coefficients



78

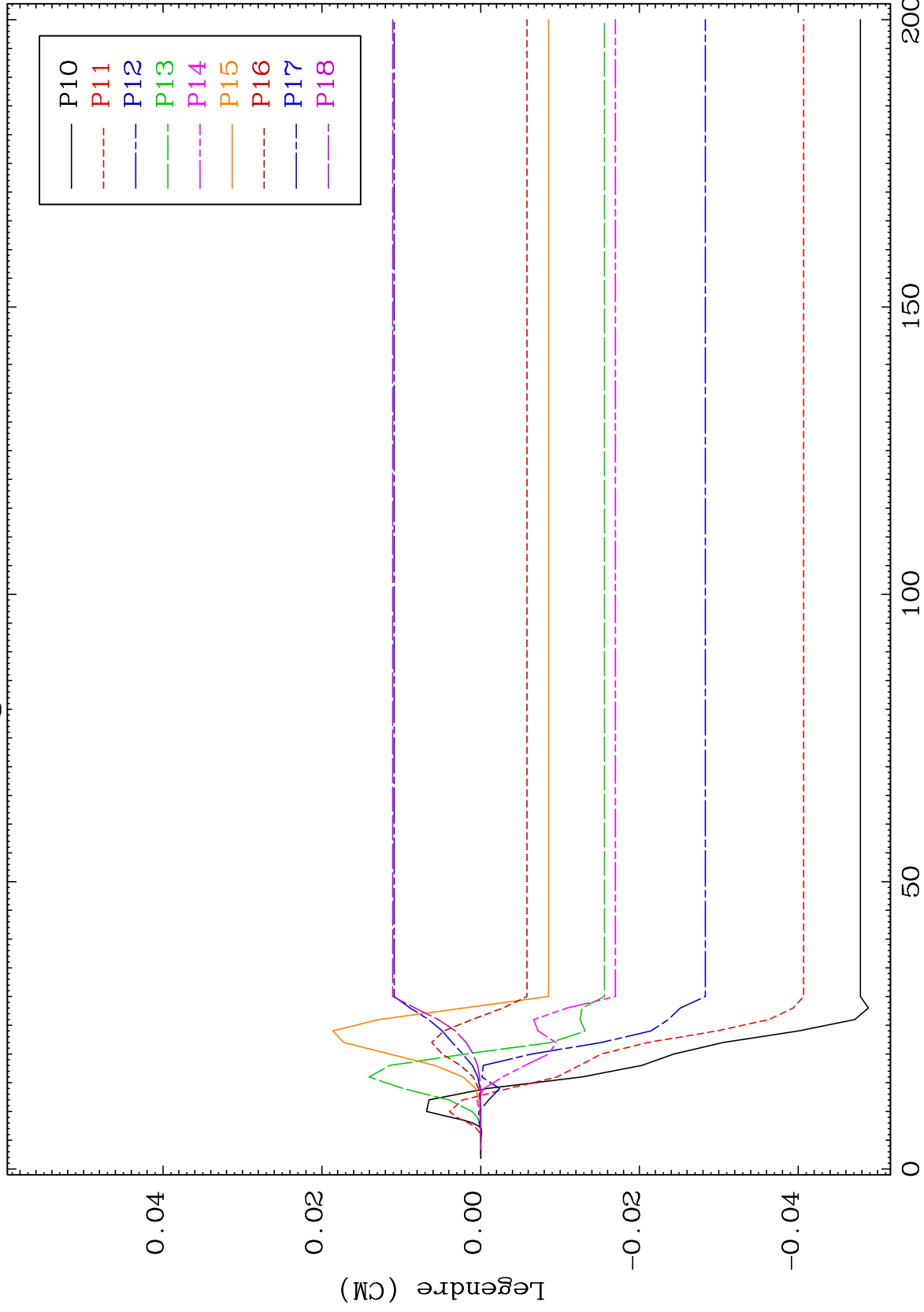
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



79

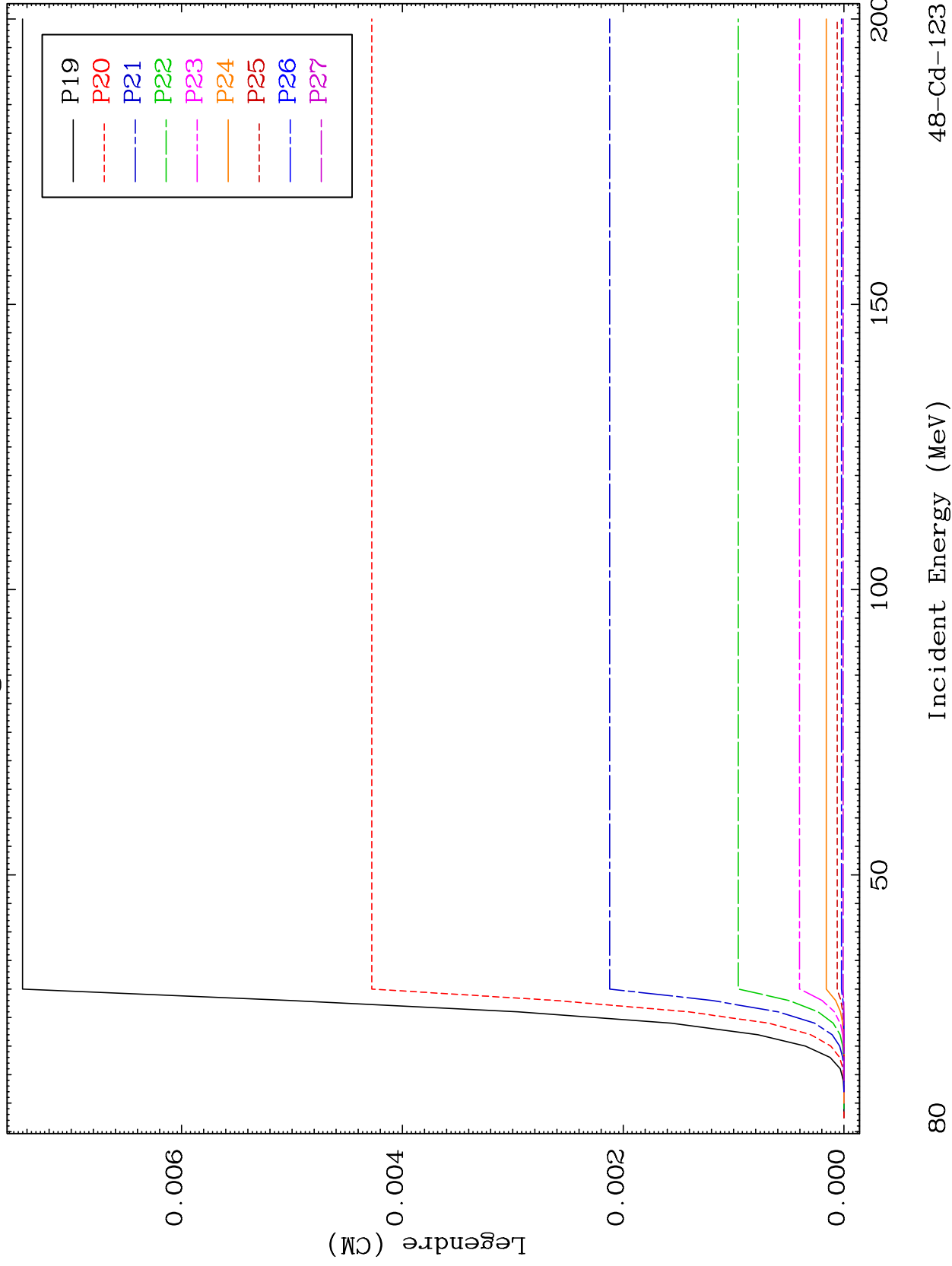
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



48-Cd-123

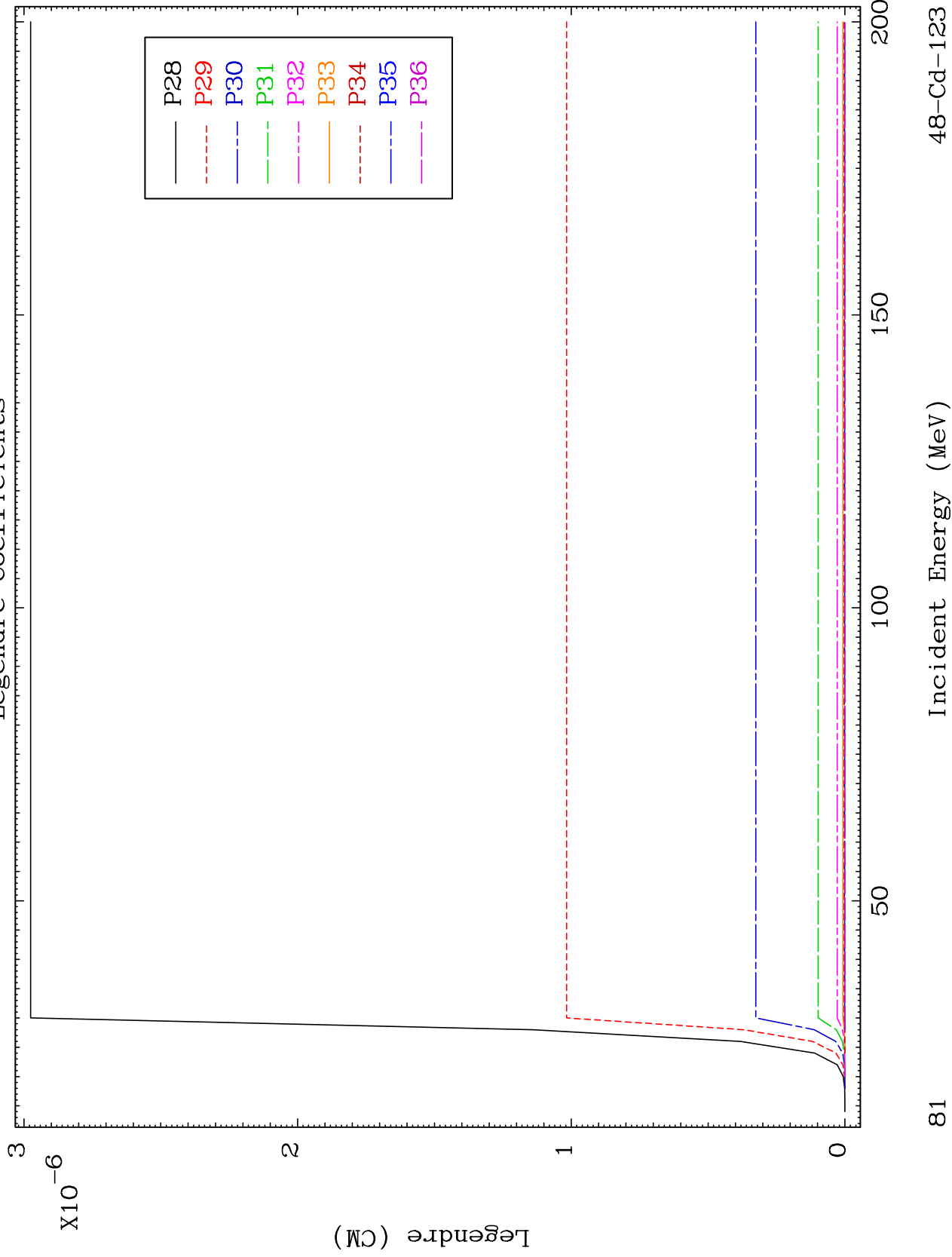
Incident Energy (MeV)

80

MAT 4876

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

48-Cd-123



81

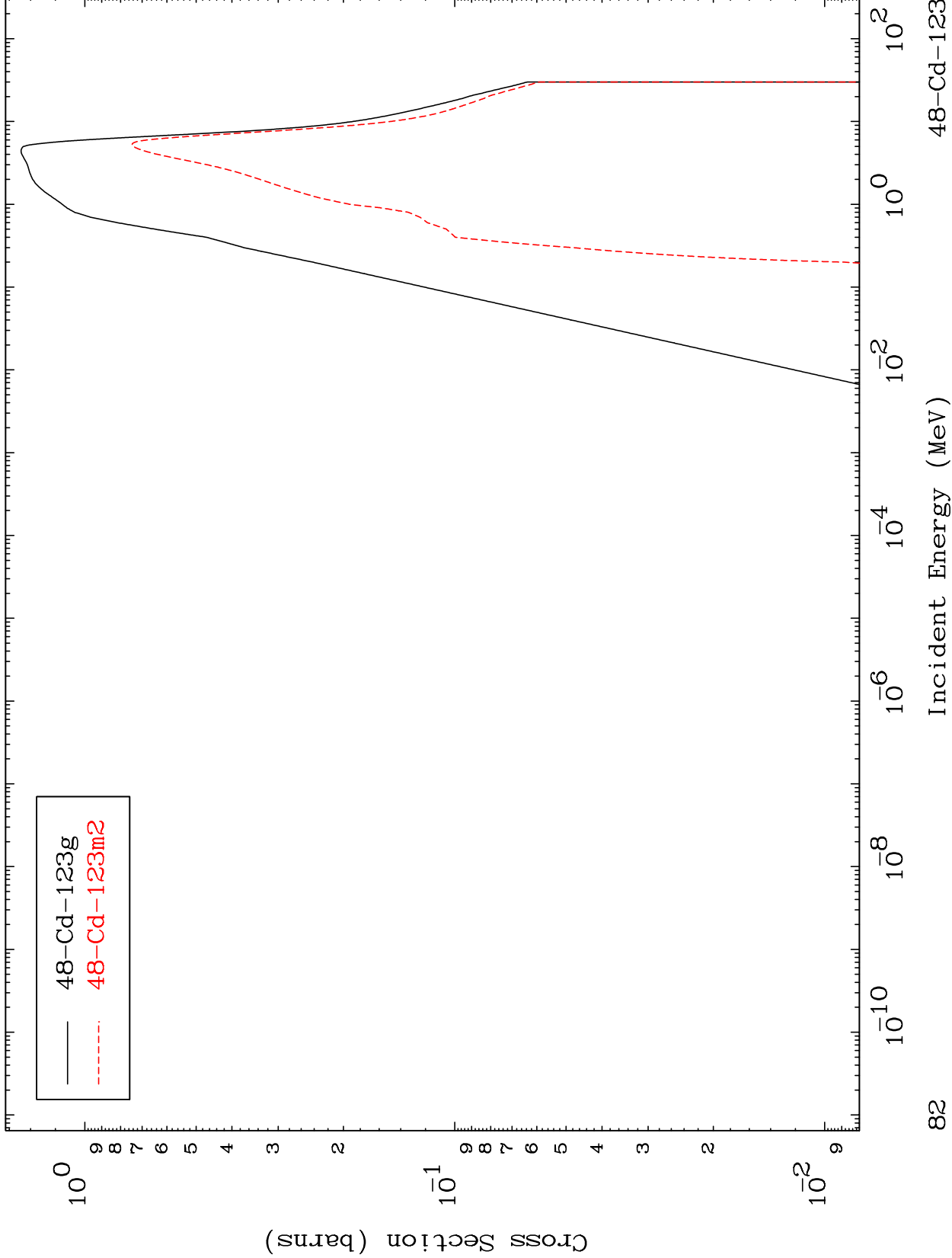
Incident Energy (MeV)

48-Cd-123

MAT 4876

Inelastic
Radionuclide Production Cross Section

48-Cd-123



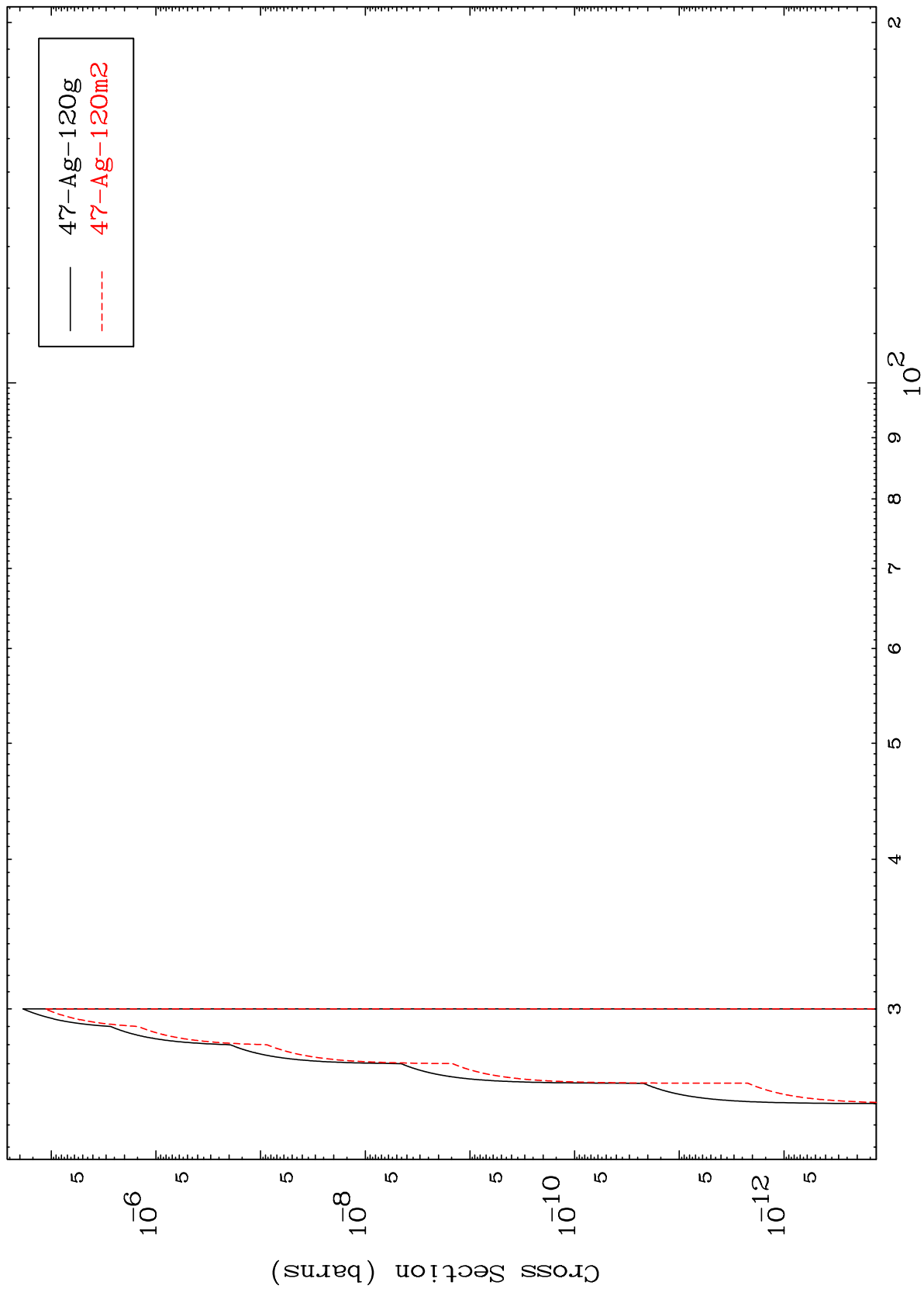
— 48-Cd-123g
- - - 48-Cd-123m2

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



83

Incident Energy (MeV)

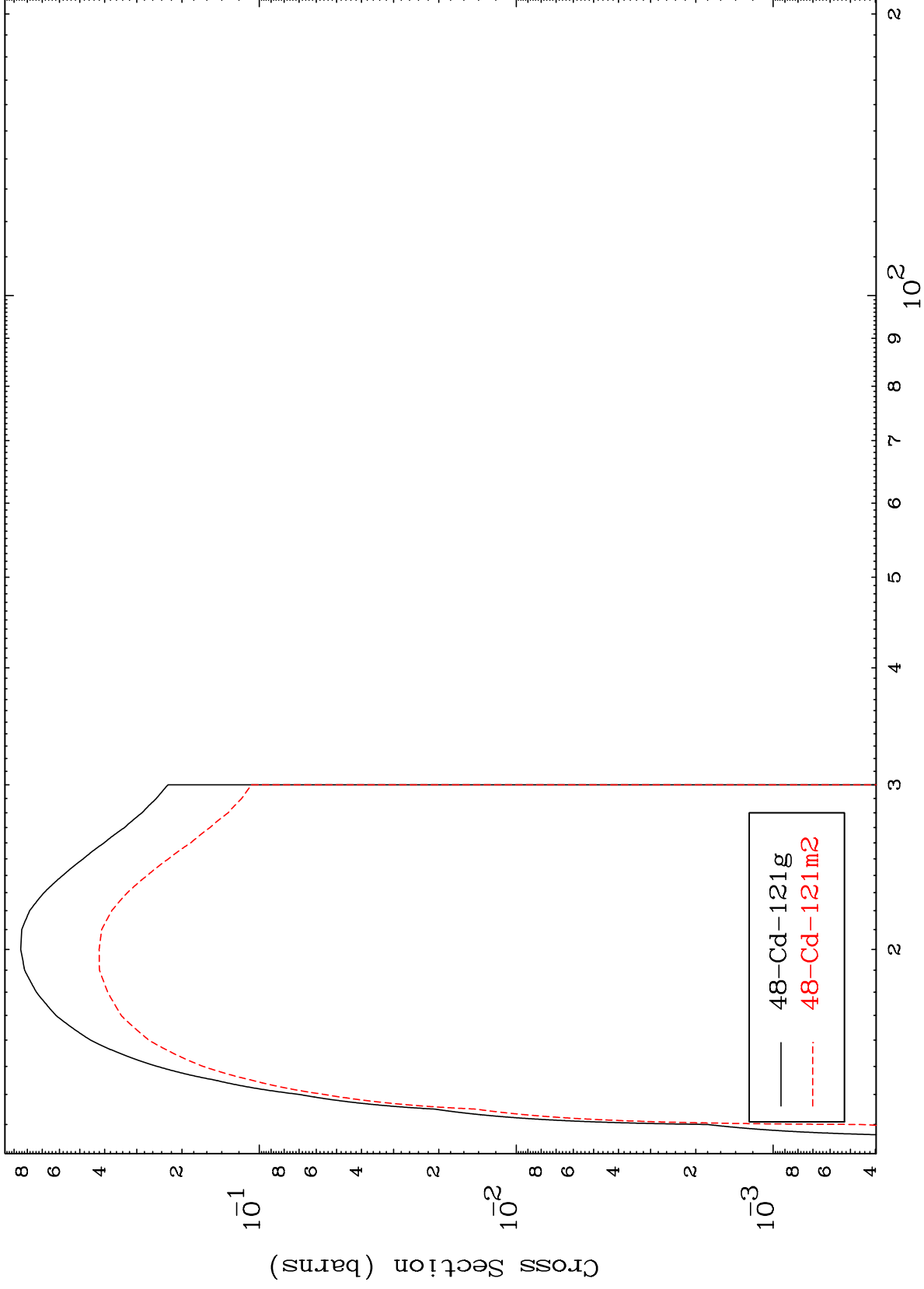
48-Cd-123

MAT 4876

(n,3n)

48-Cd-123

Radionuclide Production Cross Section



84

Incident Energy (MeV)

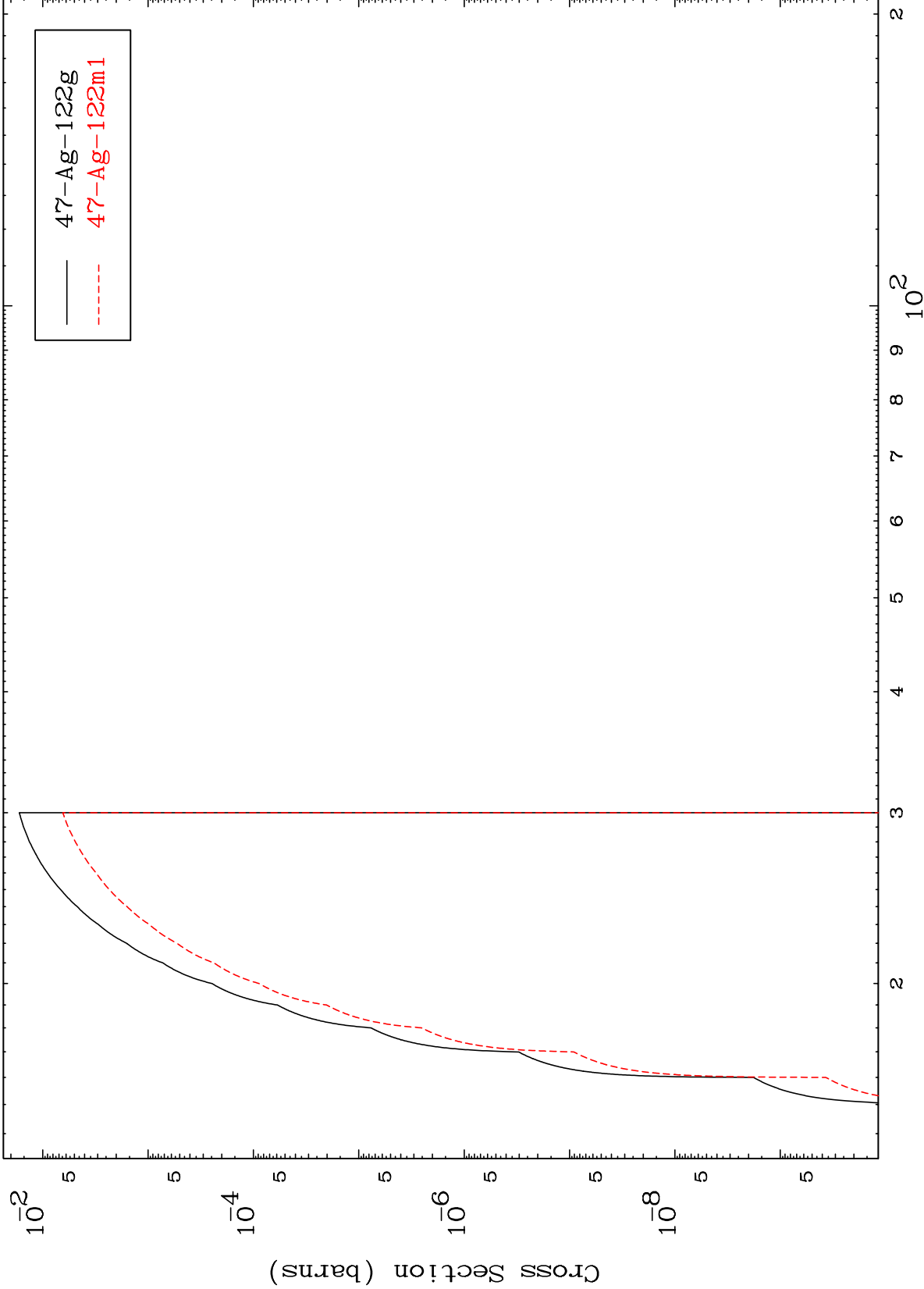
48-Cd-123

MAT 4876

(n,n') p

48-Cd-123

Radionuclide Production Cross Section

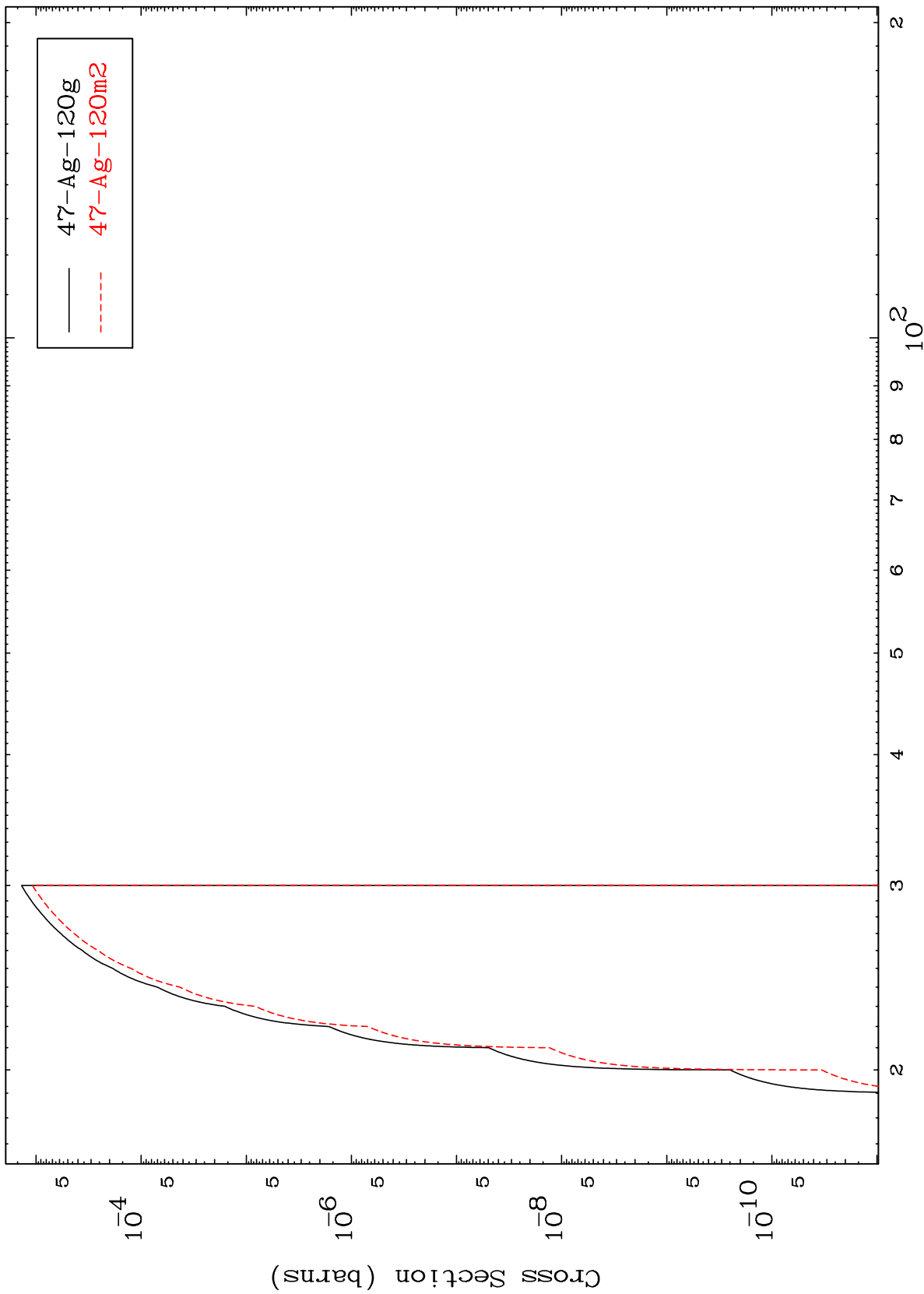


85

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

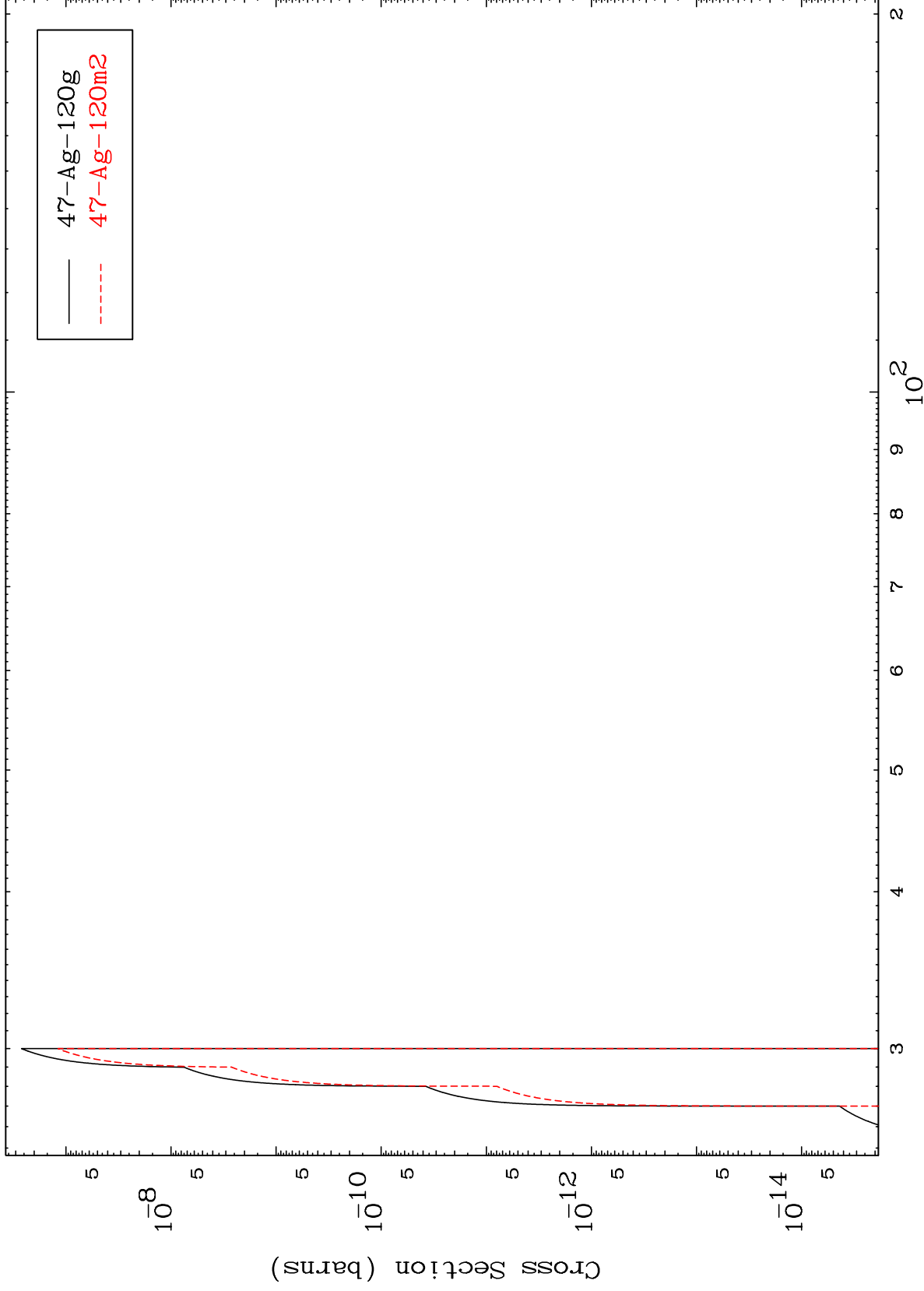


MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



87

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

