

Program EVALPLOT
(Version 2015-2)

by

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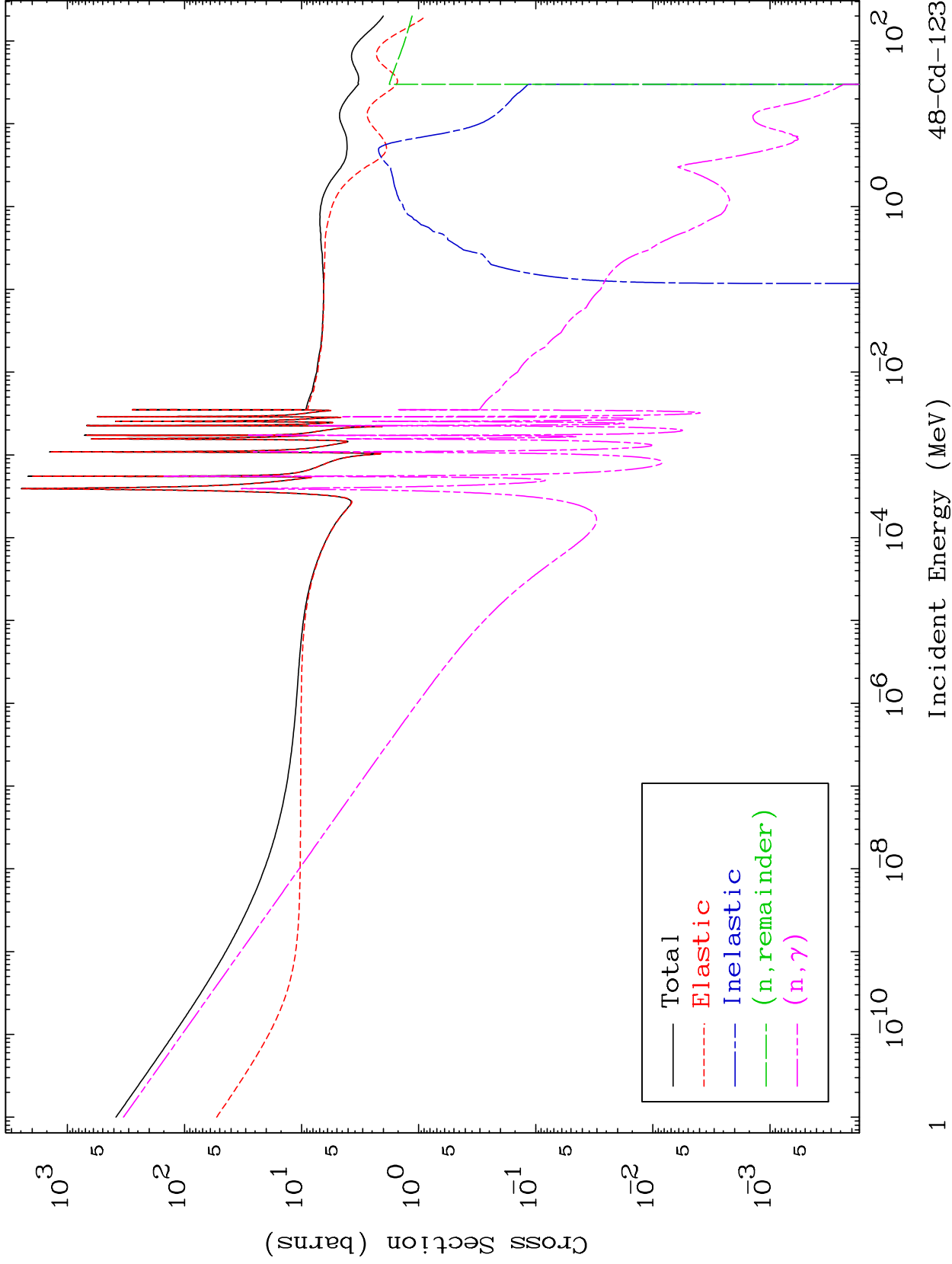
Press Mouse Button to Start

MAT 4876

Major

293 Kelvin Cross Sections

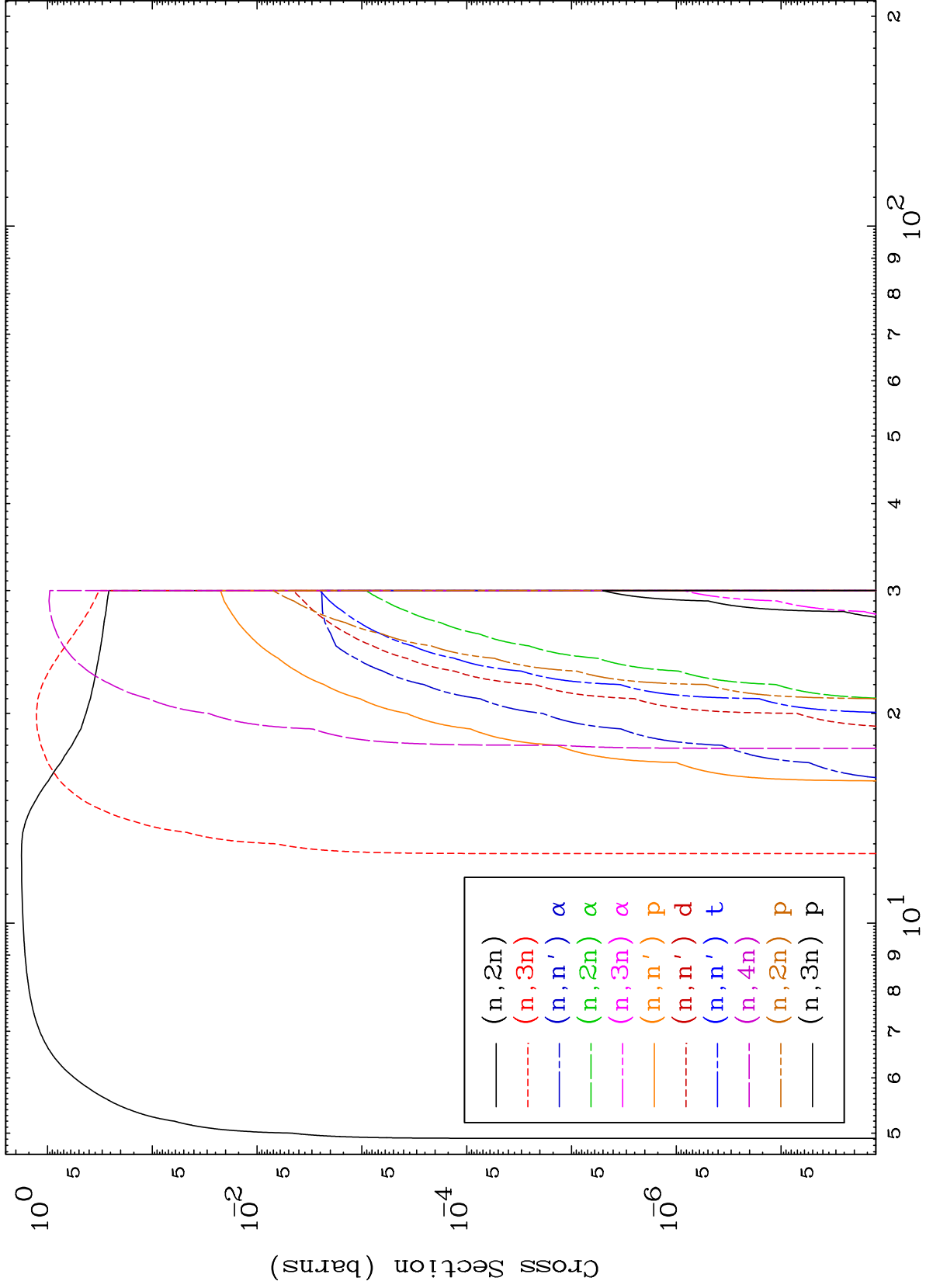
48-Cd-123



MAT 4876

Neutron Production
293 Kelvin Cross Sections

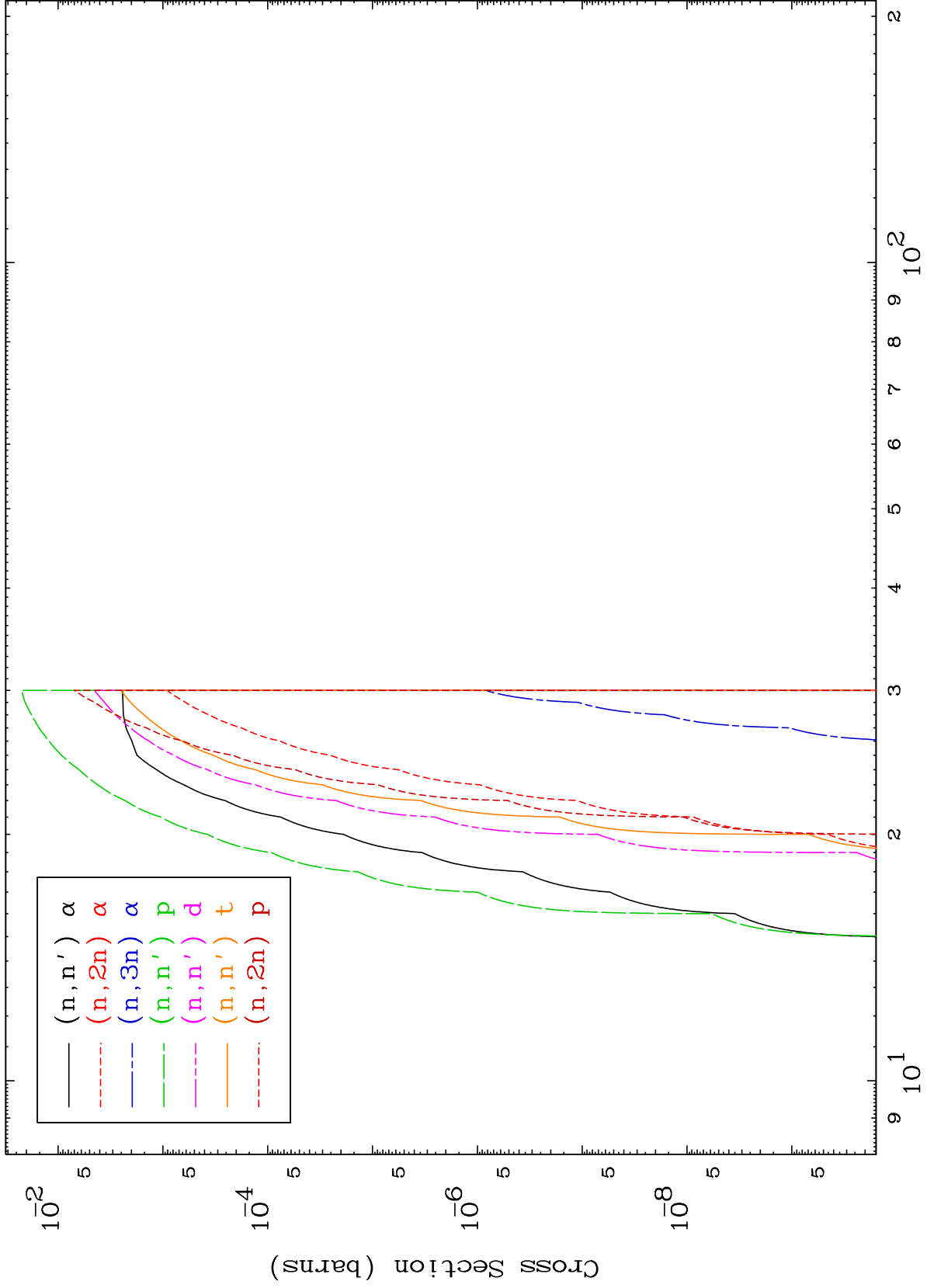
48-Cd-123

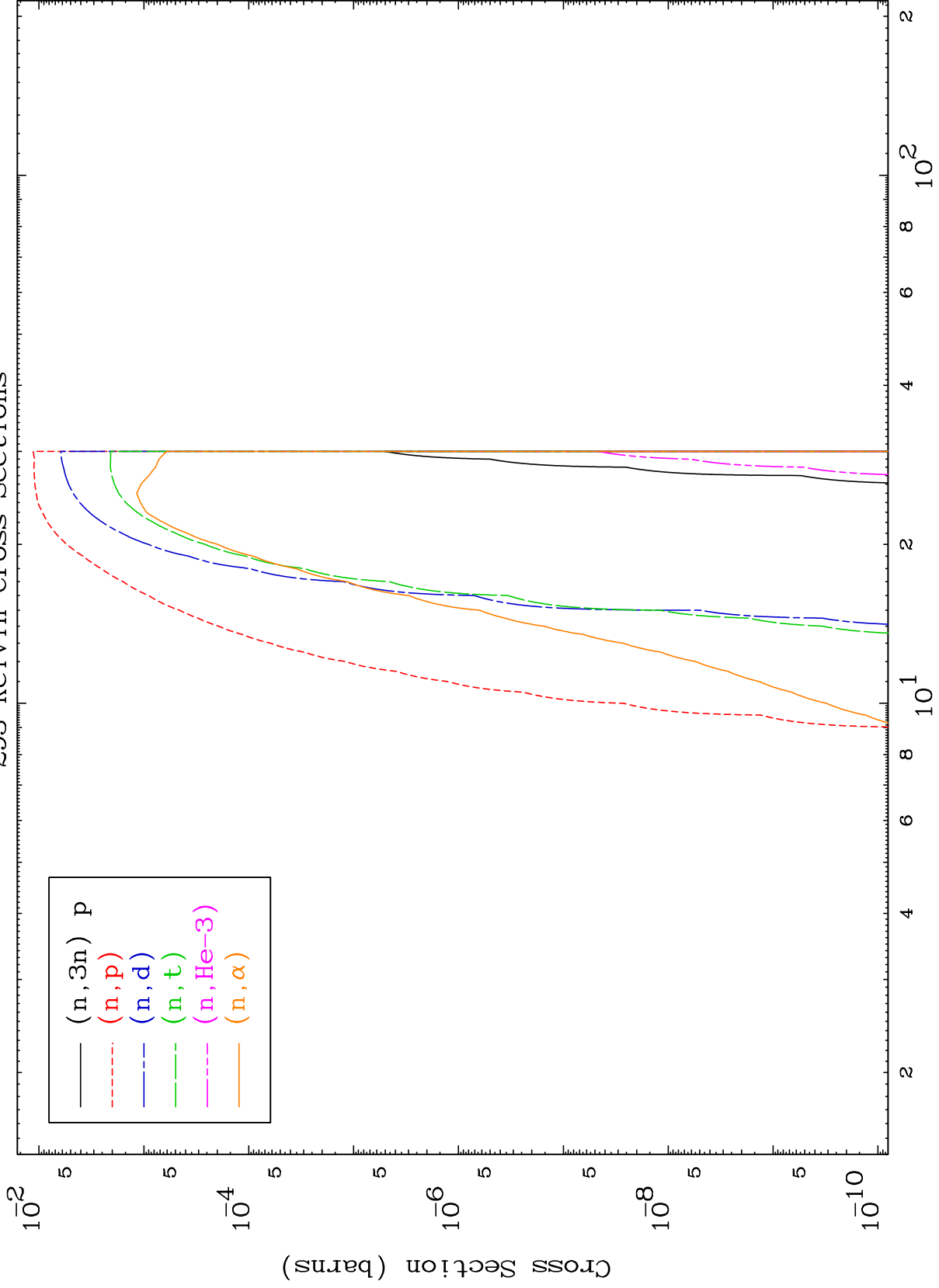


2

Incident Energy (MeV)

48-Cd-123

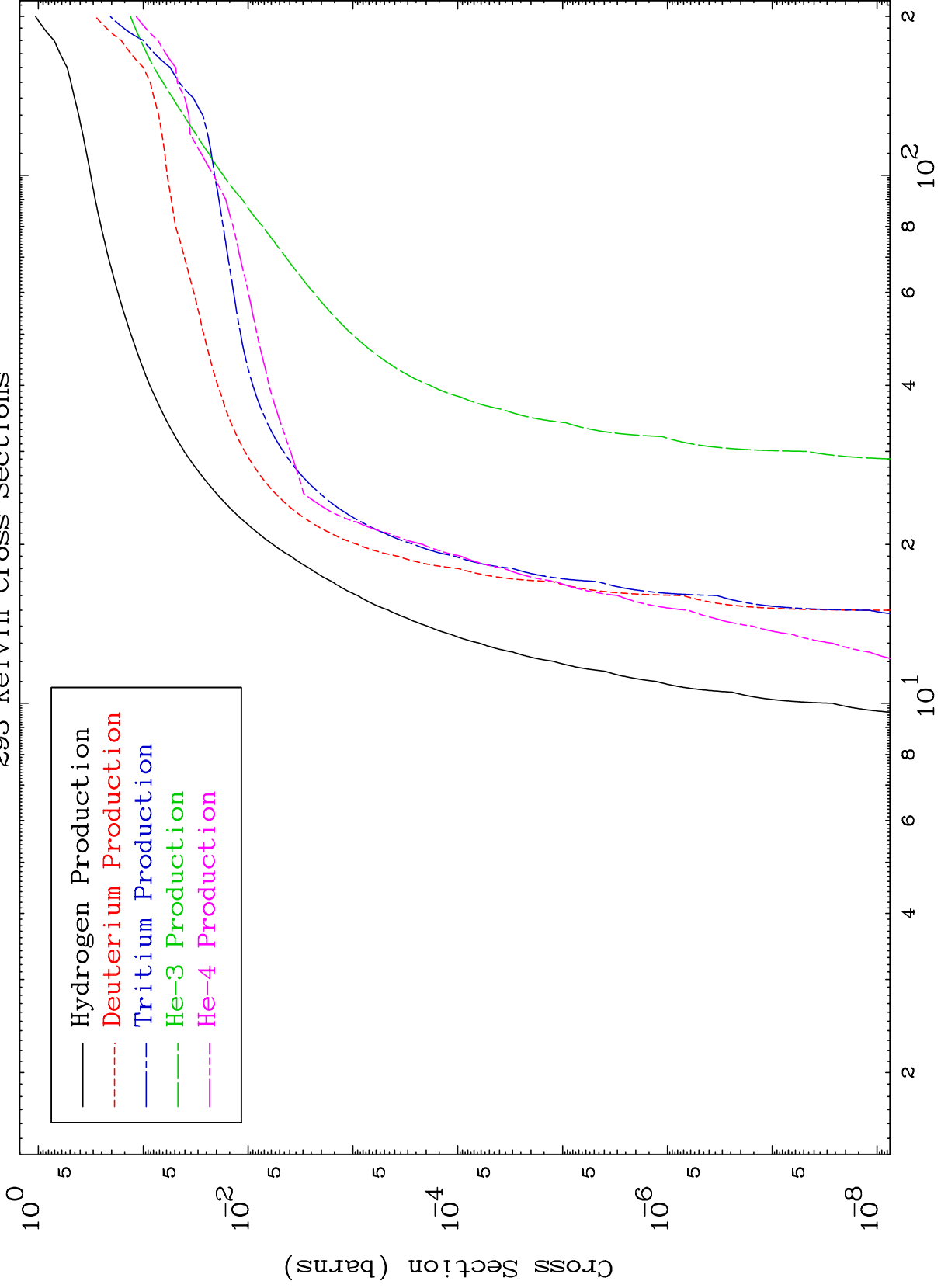




MAT 4876

Particle Production
293 Kelvin Cross Sections

48-Cd-123



5

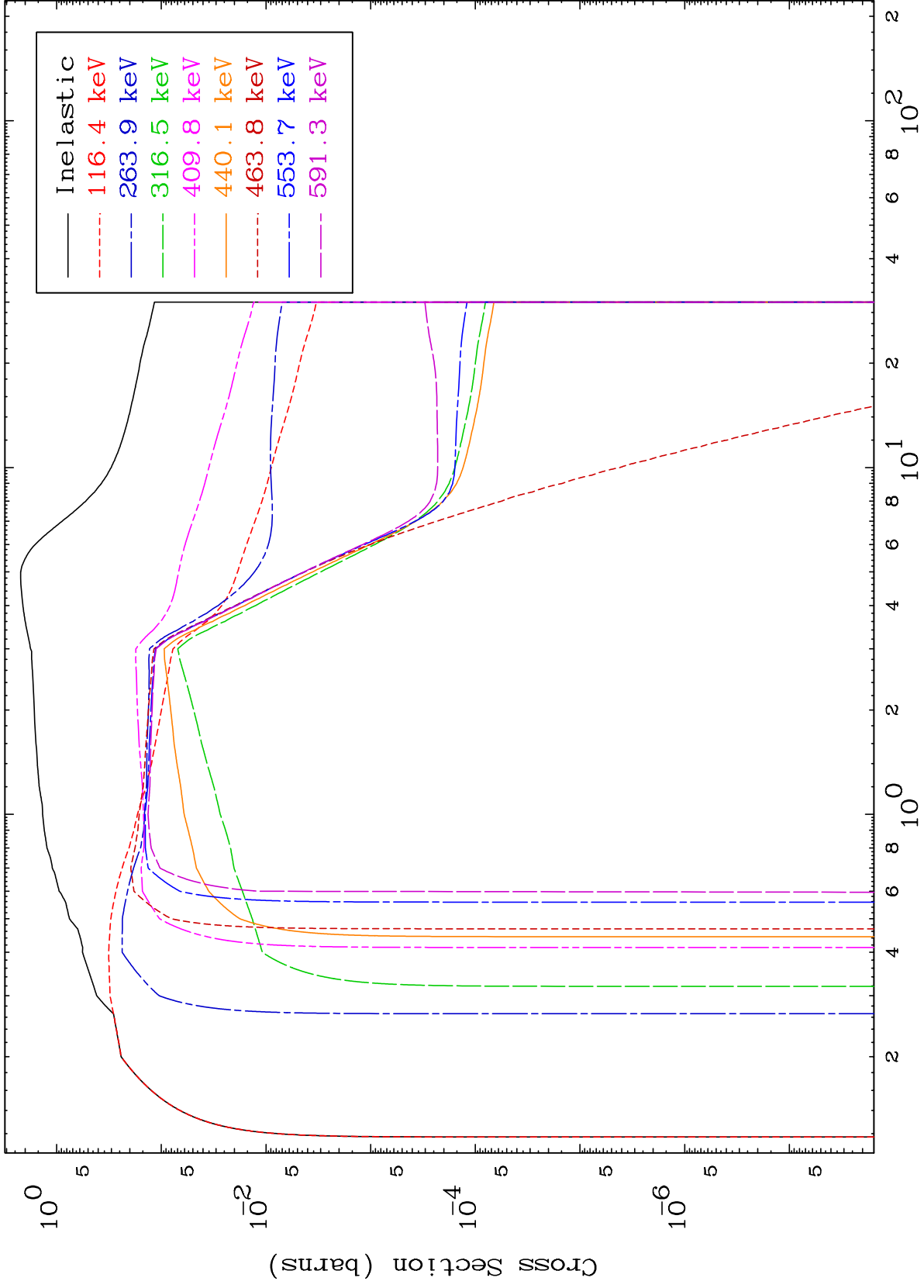
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,n') Level
293 Kelvin Cross Sections

48-Cd-123



6

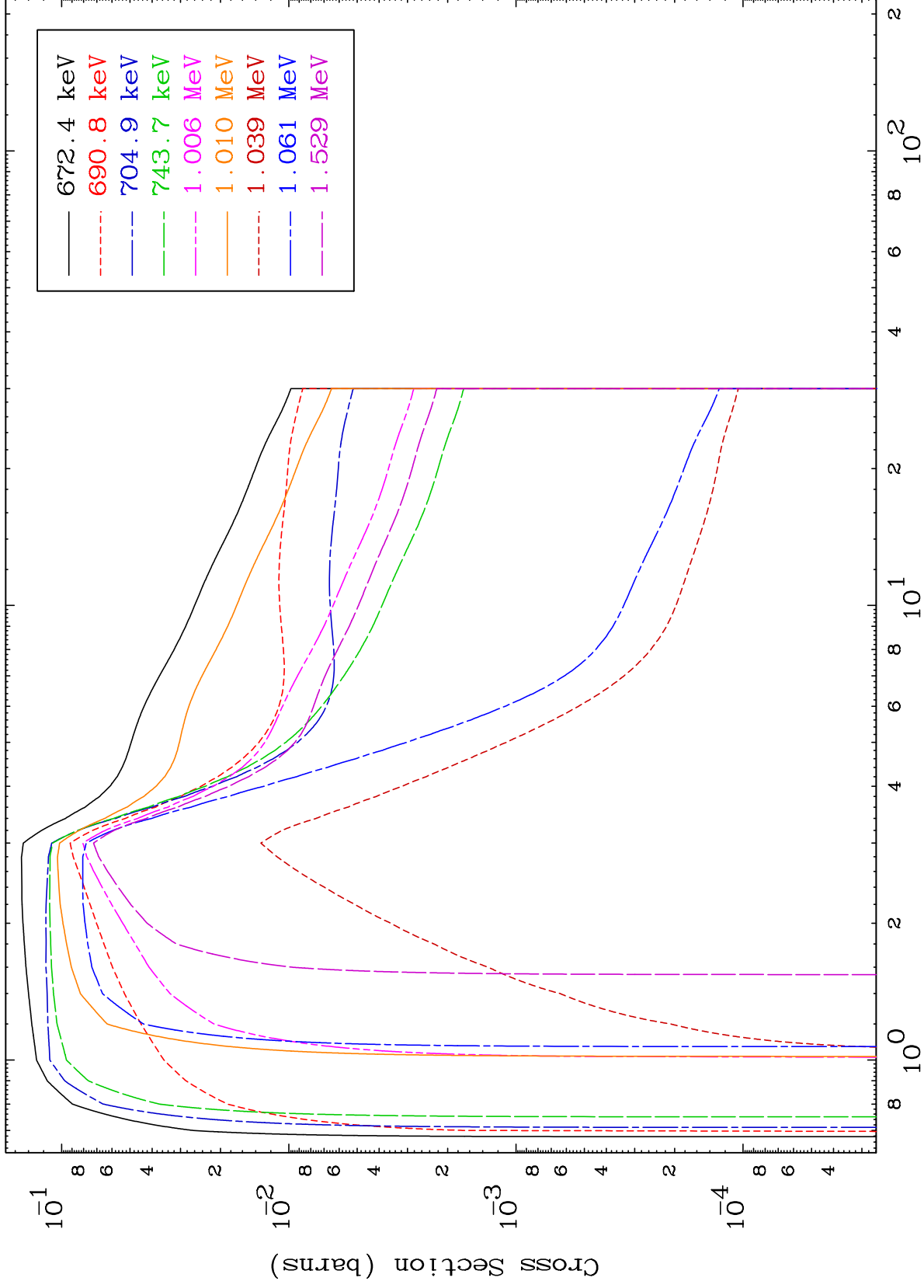
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,n') Level
293 Kelvin Cross Sections

48-Cd-123



7

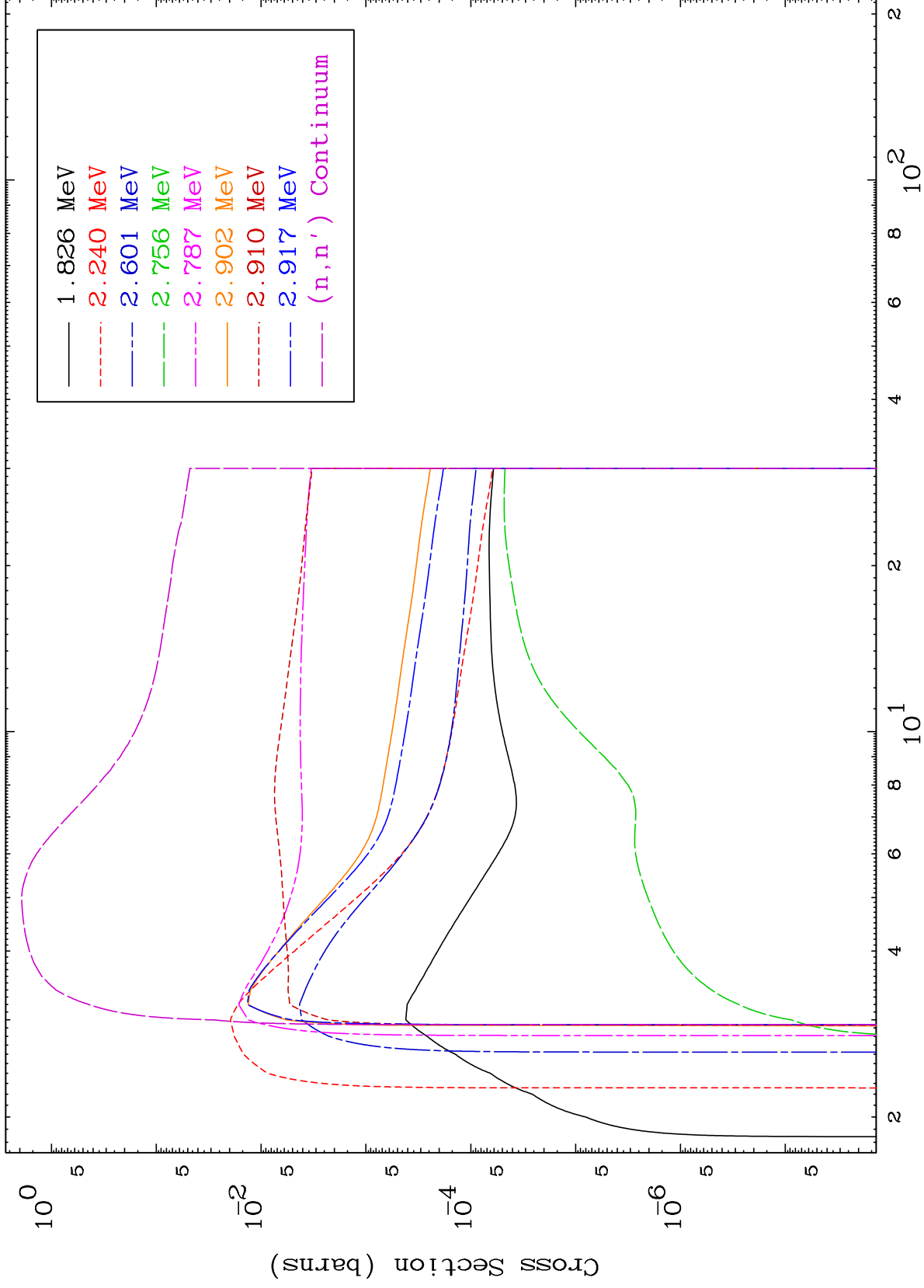
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,n') Level
293 Kelvin Cross Sections

48-Cd-123



8

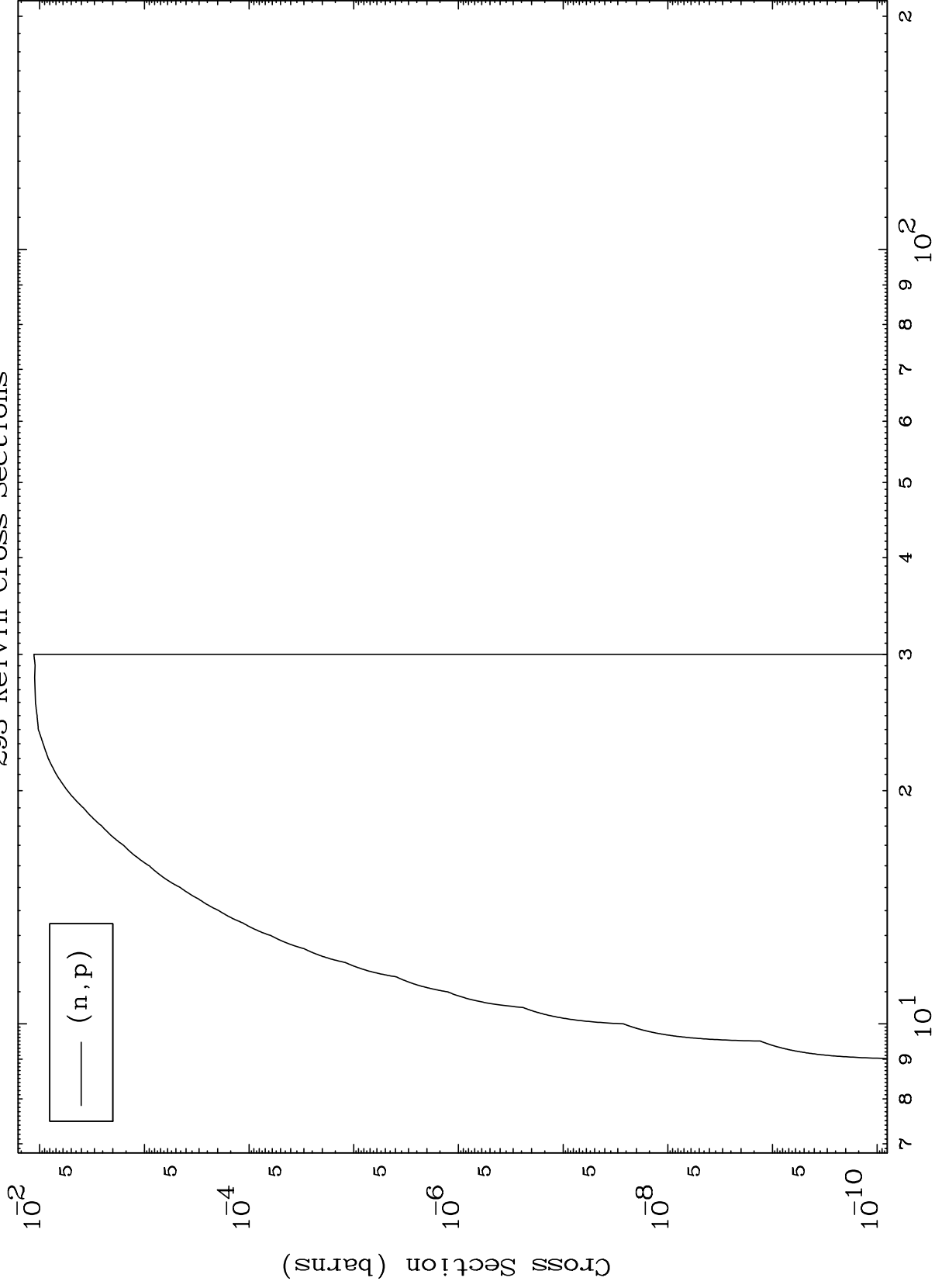
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-123



9

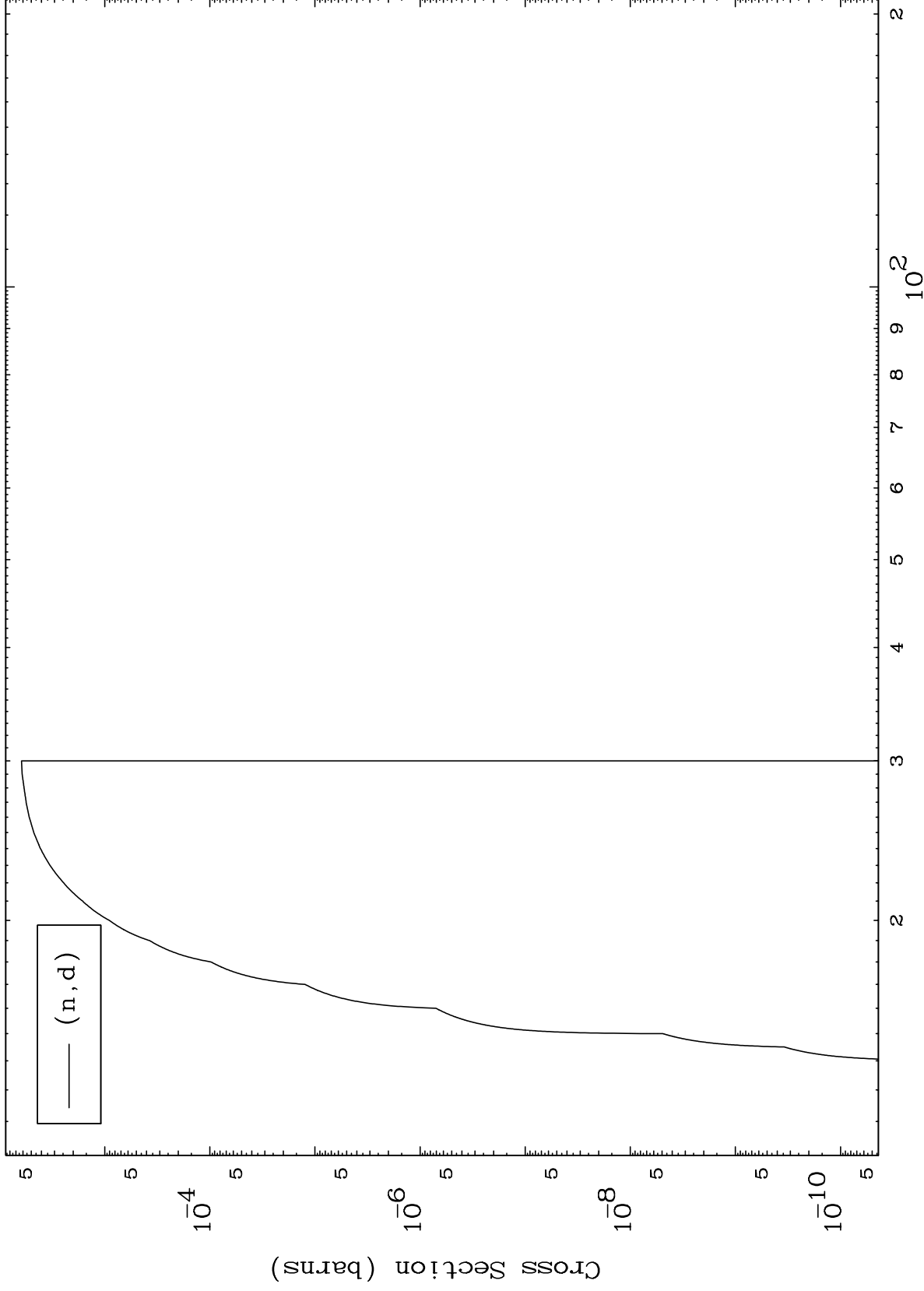
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-123



10

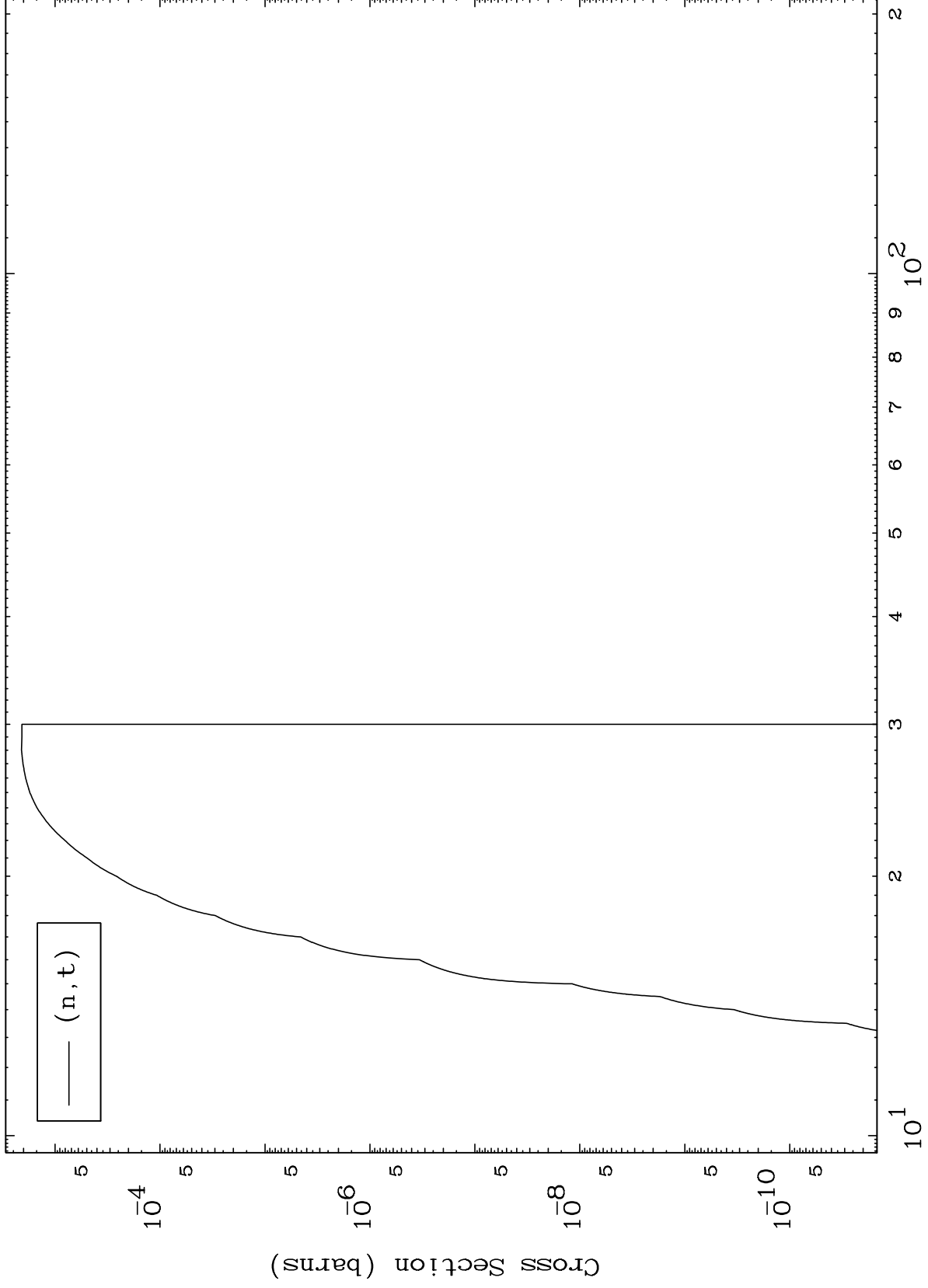
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-123



11

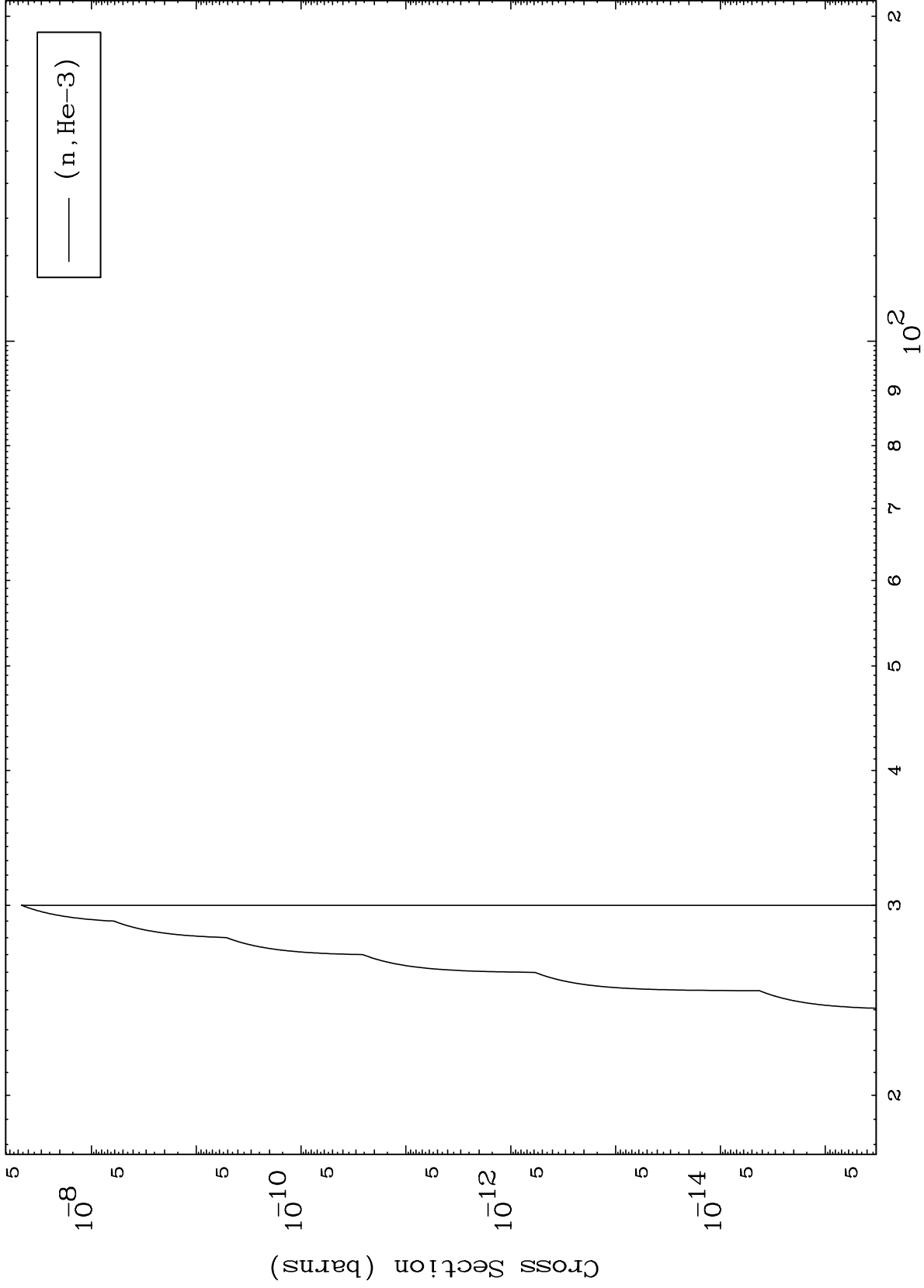
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-123



12

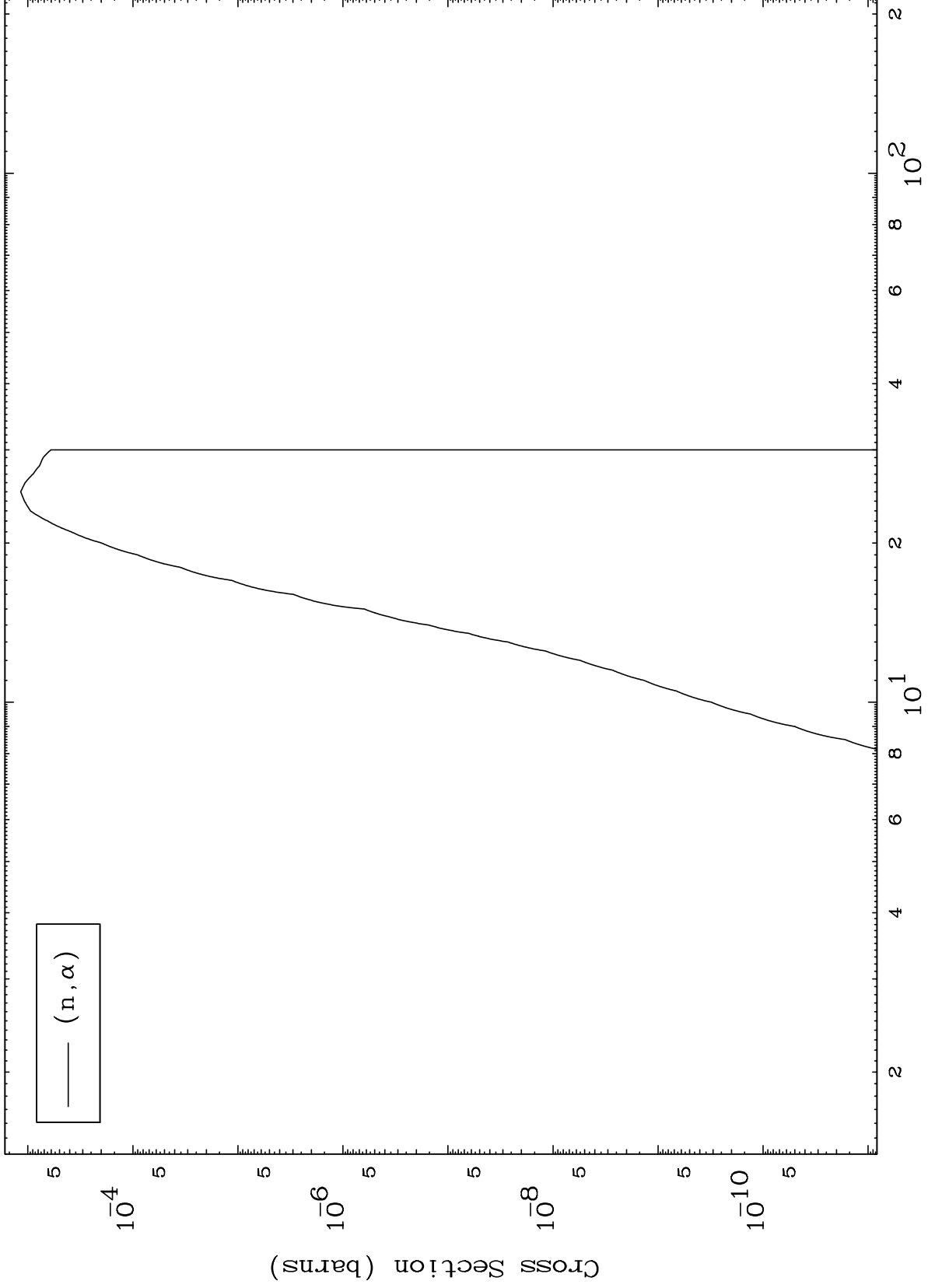
Incident Energy (MeV)

48-Cd-123

MAT 4876

(n, α) Levels
293 Kelvin Cross Sections

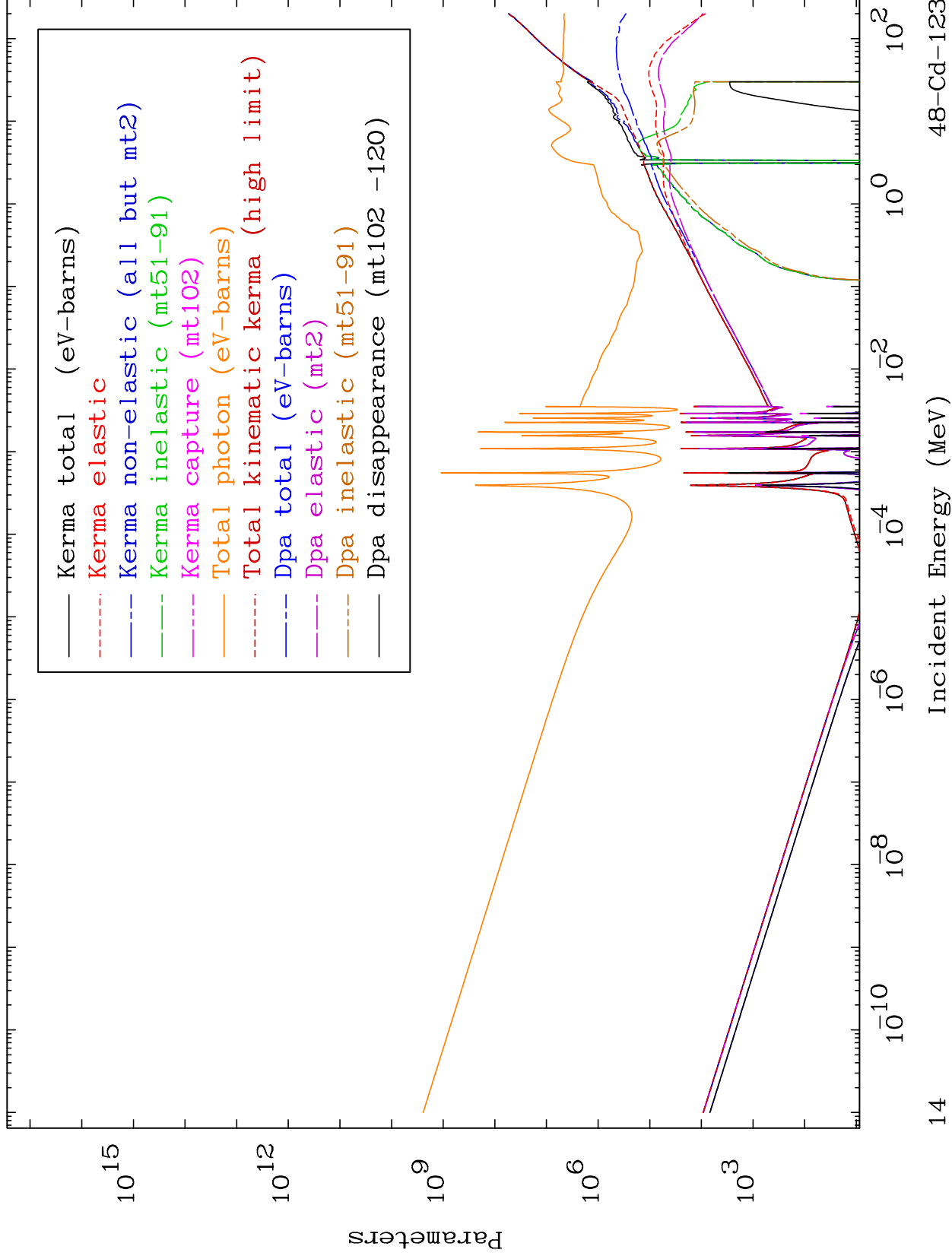
48-Cd-123



13

Incident Energy (MeV)

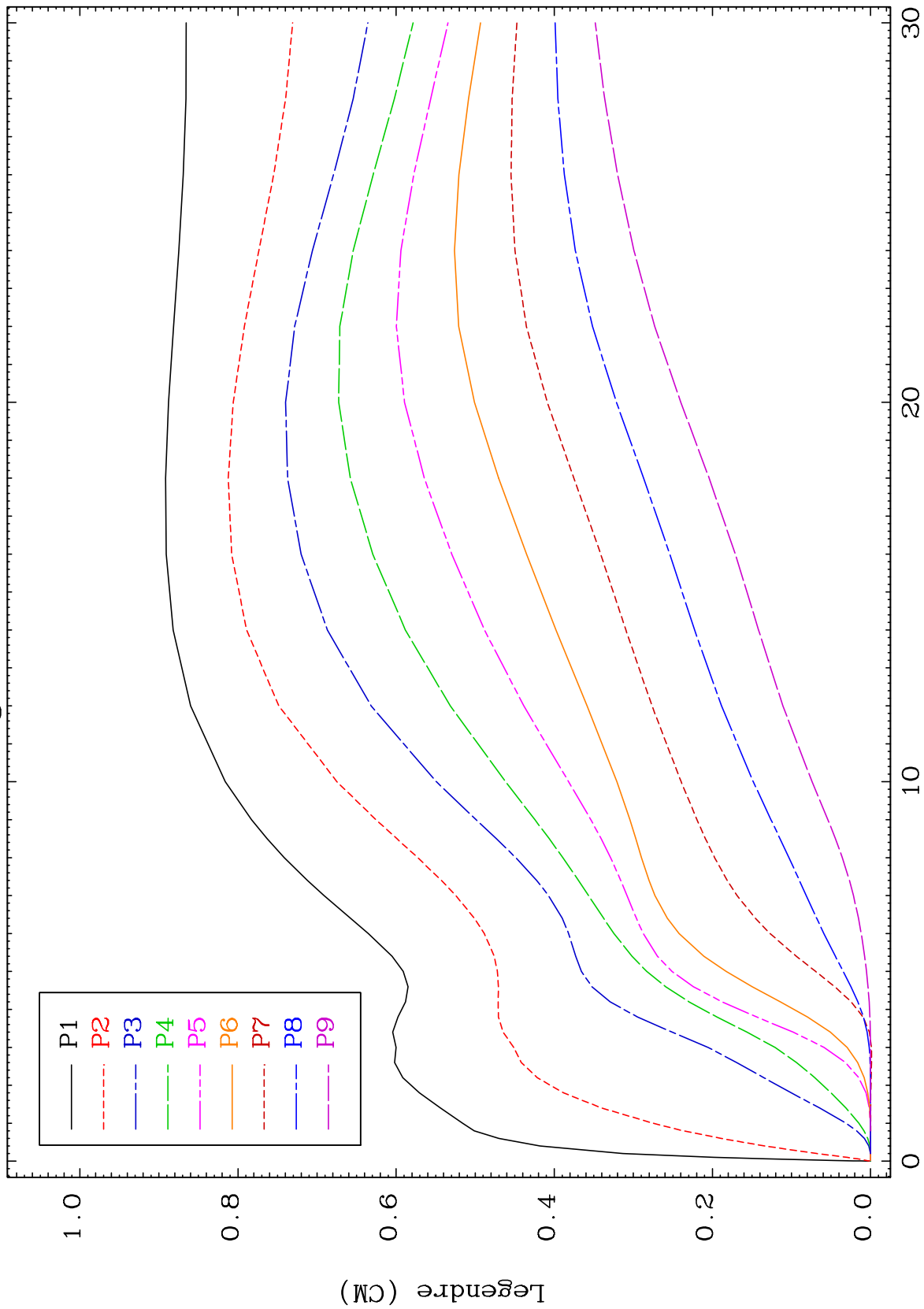
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

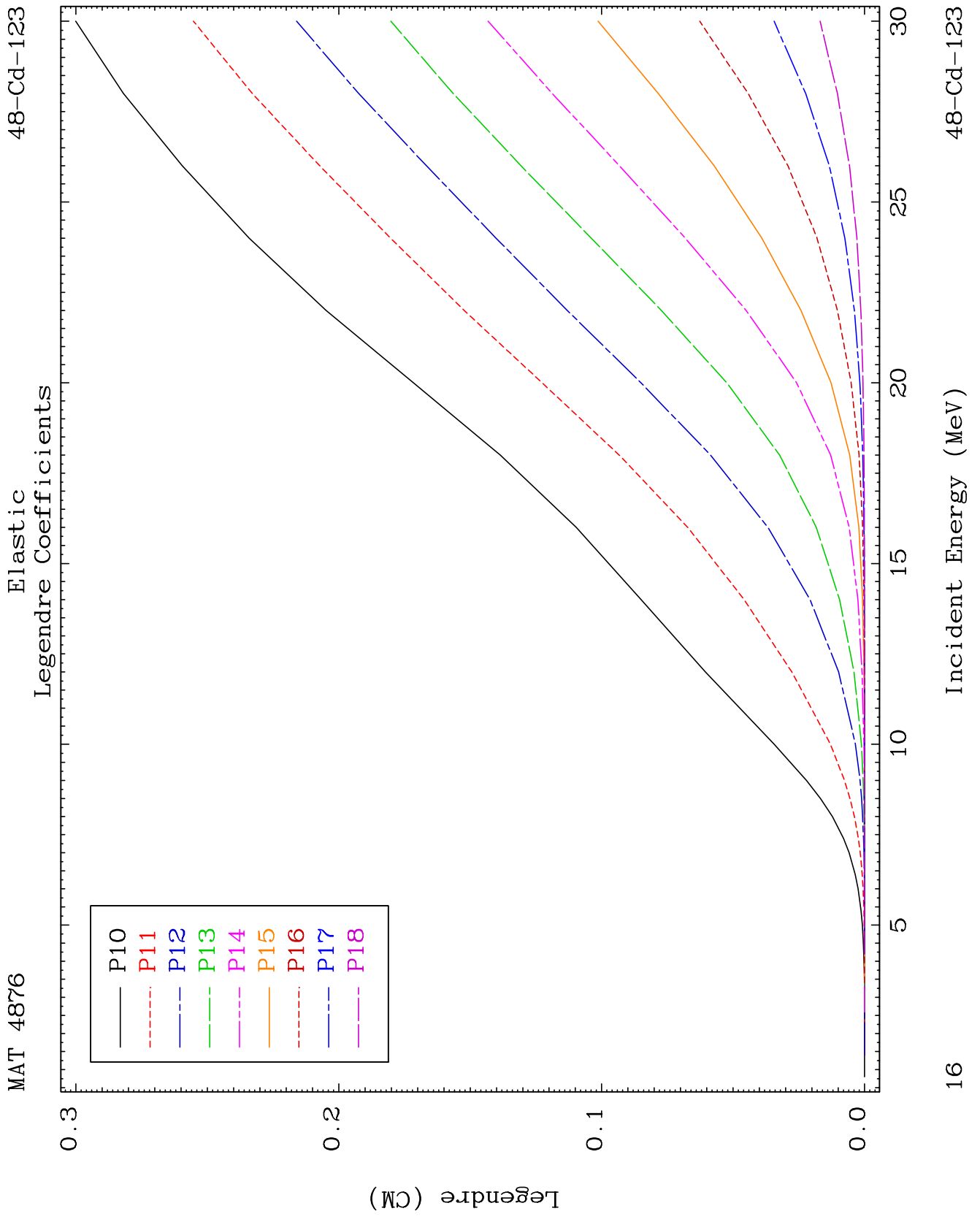
48-Cd-123



15

Incident Energy (MeV)

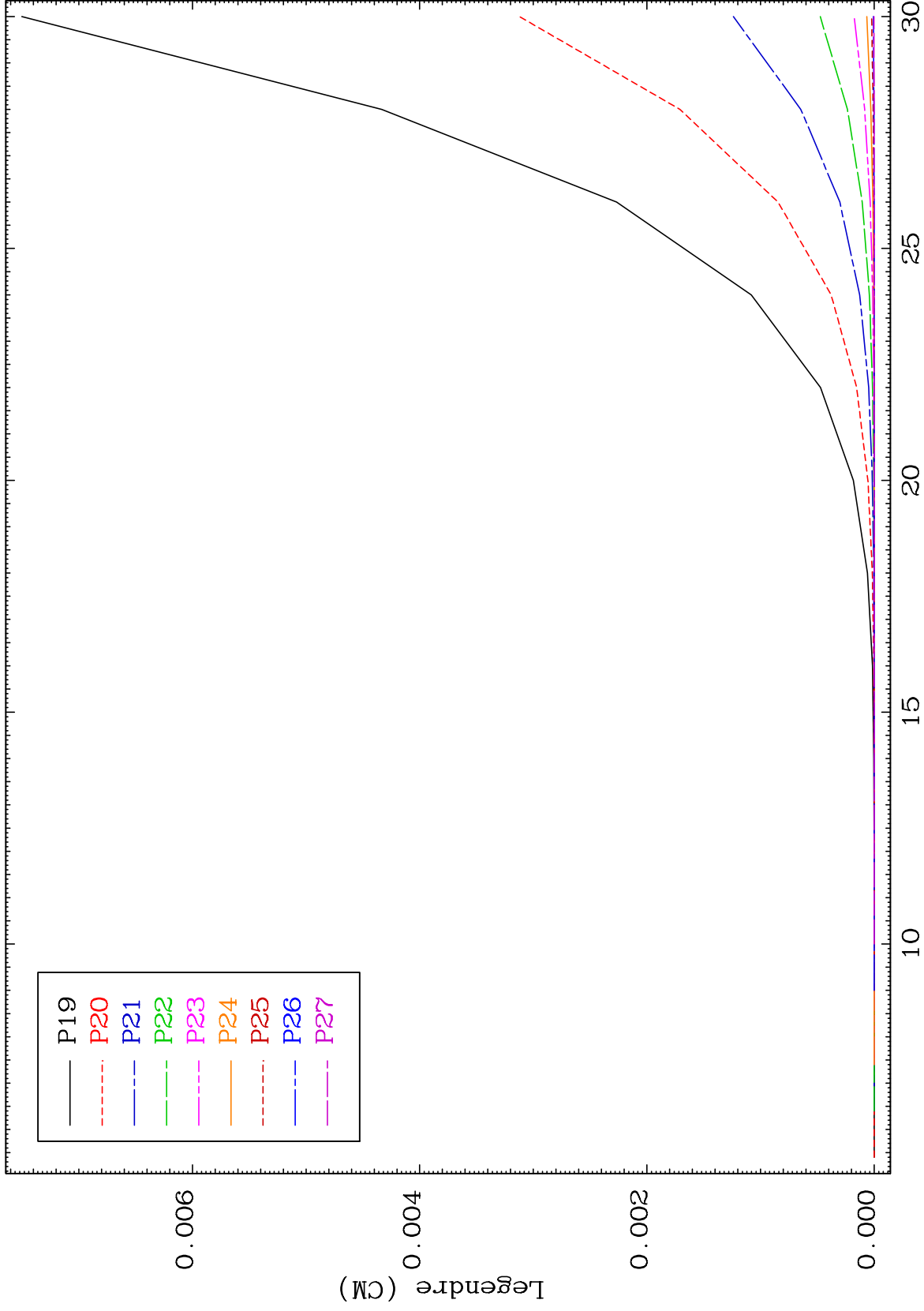
48-Cd-123



MAT 4876

Elastic Legendre Coefficients

48-Cd-123



17

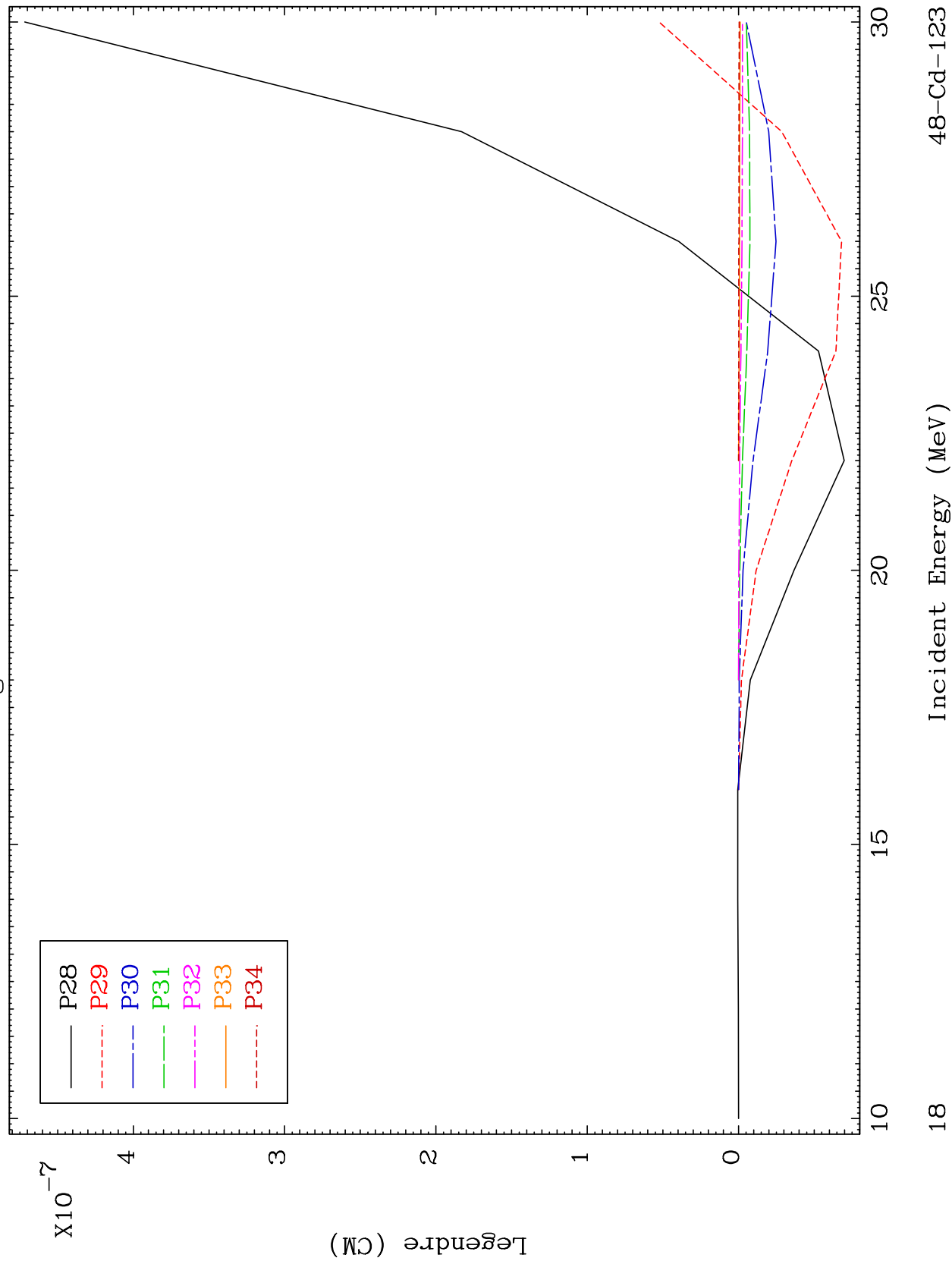
Incident Energy (MeV)

48-Cd-123

MAT 4876

Elastic
Legendre Coefficients

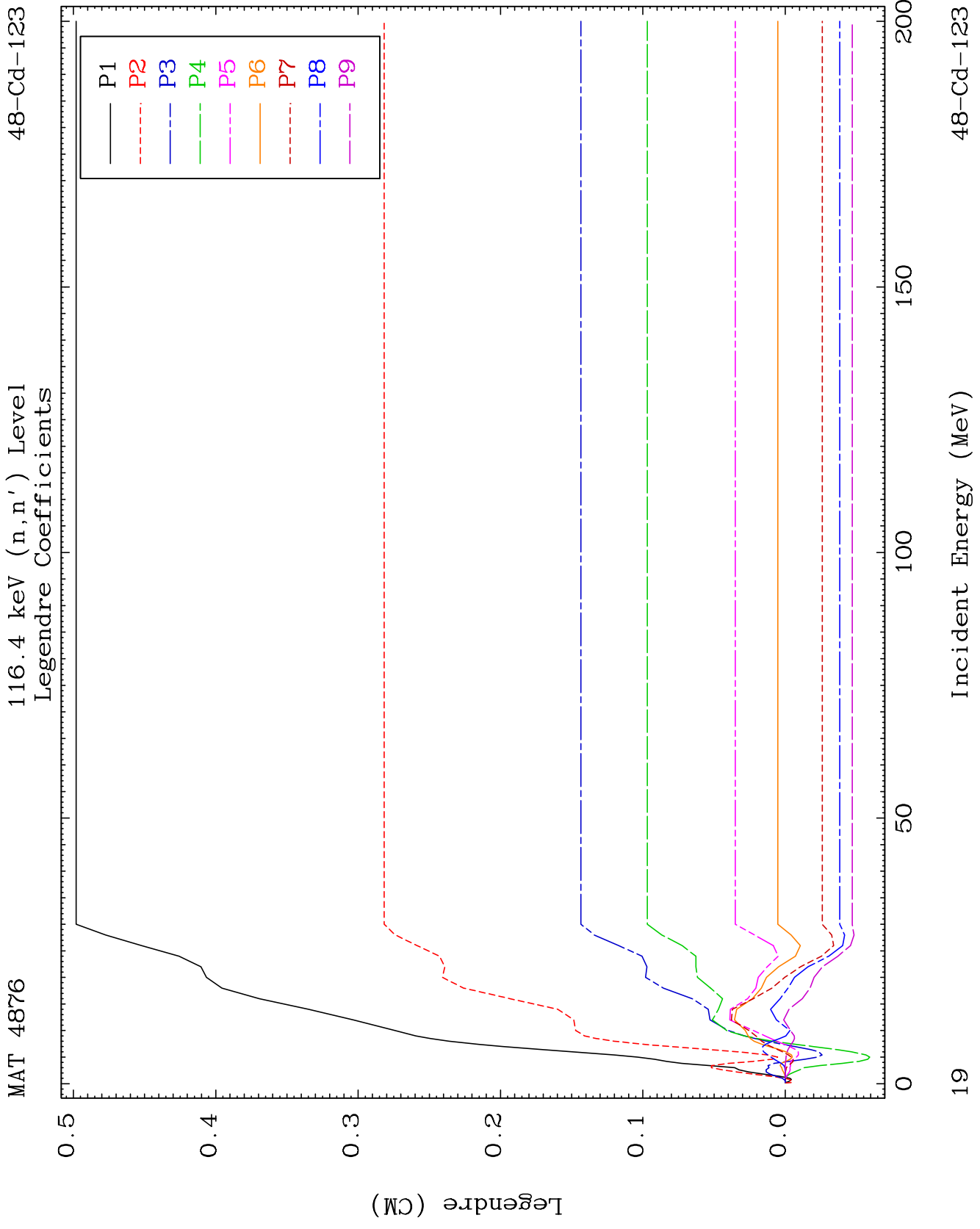
48-Cd-123

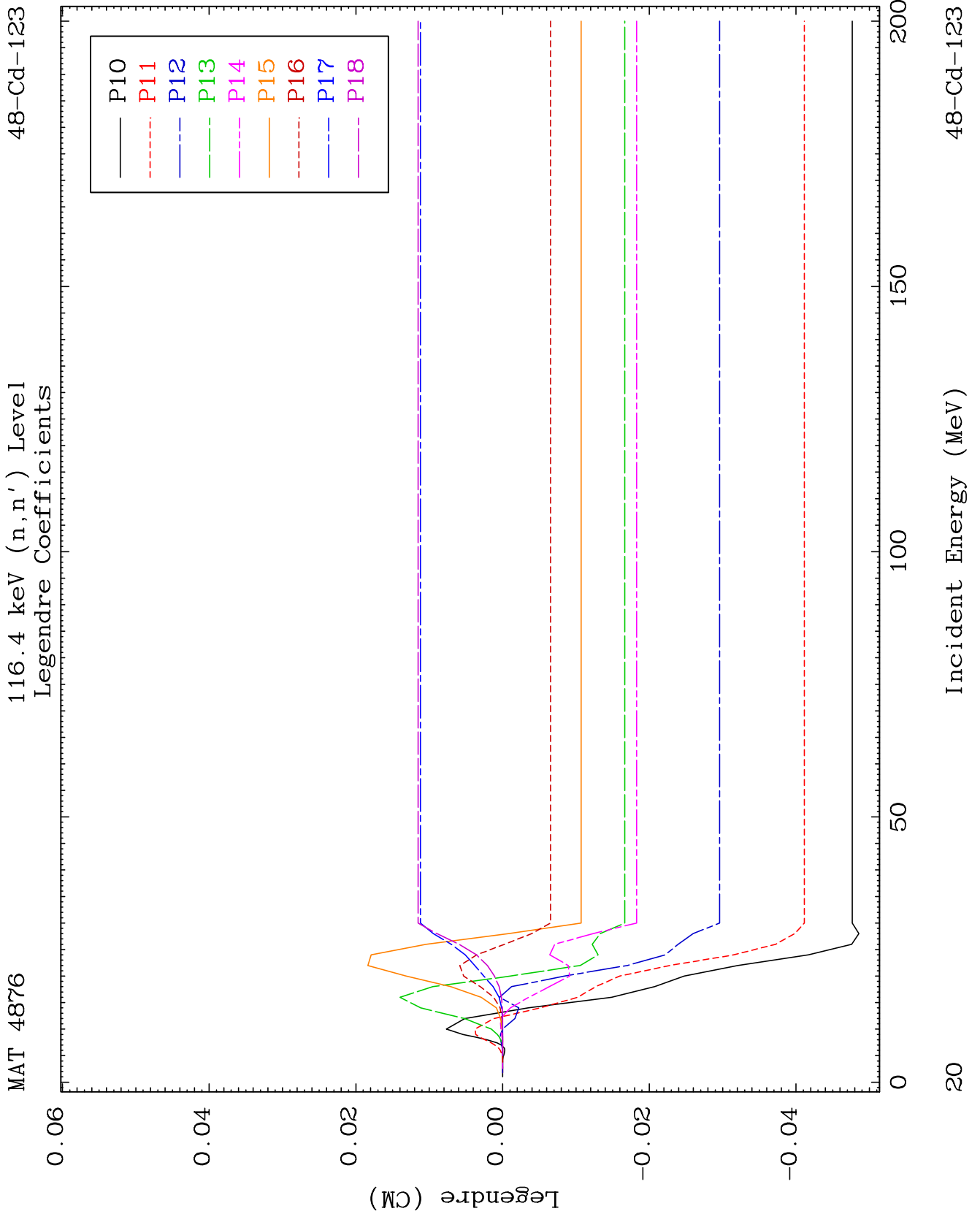


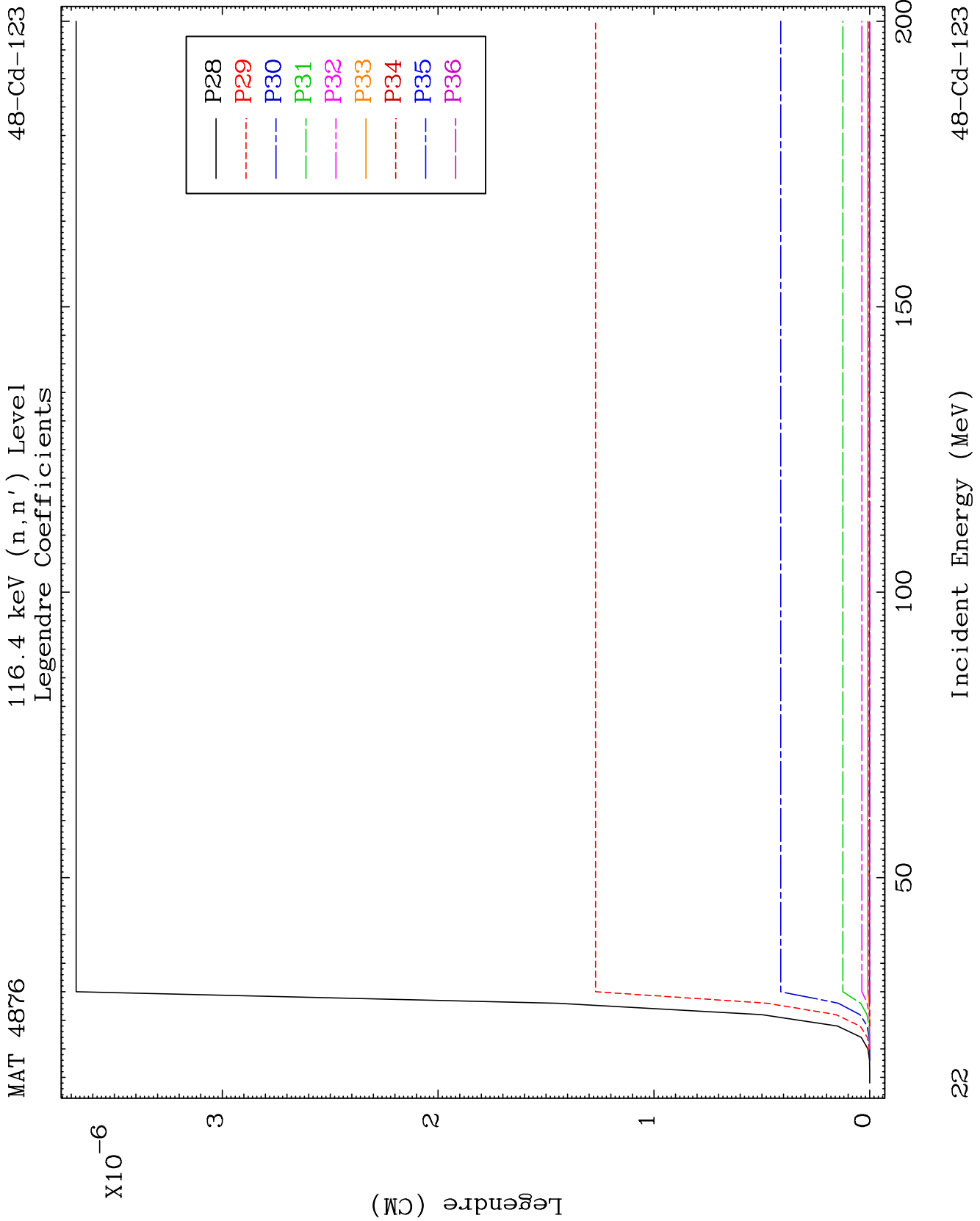
18

Incident Energy (MeV)

48-Cd-123



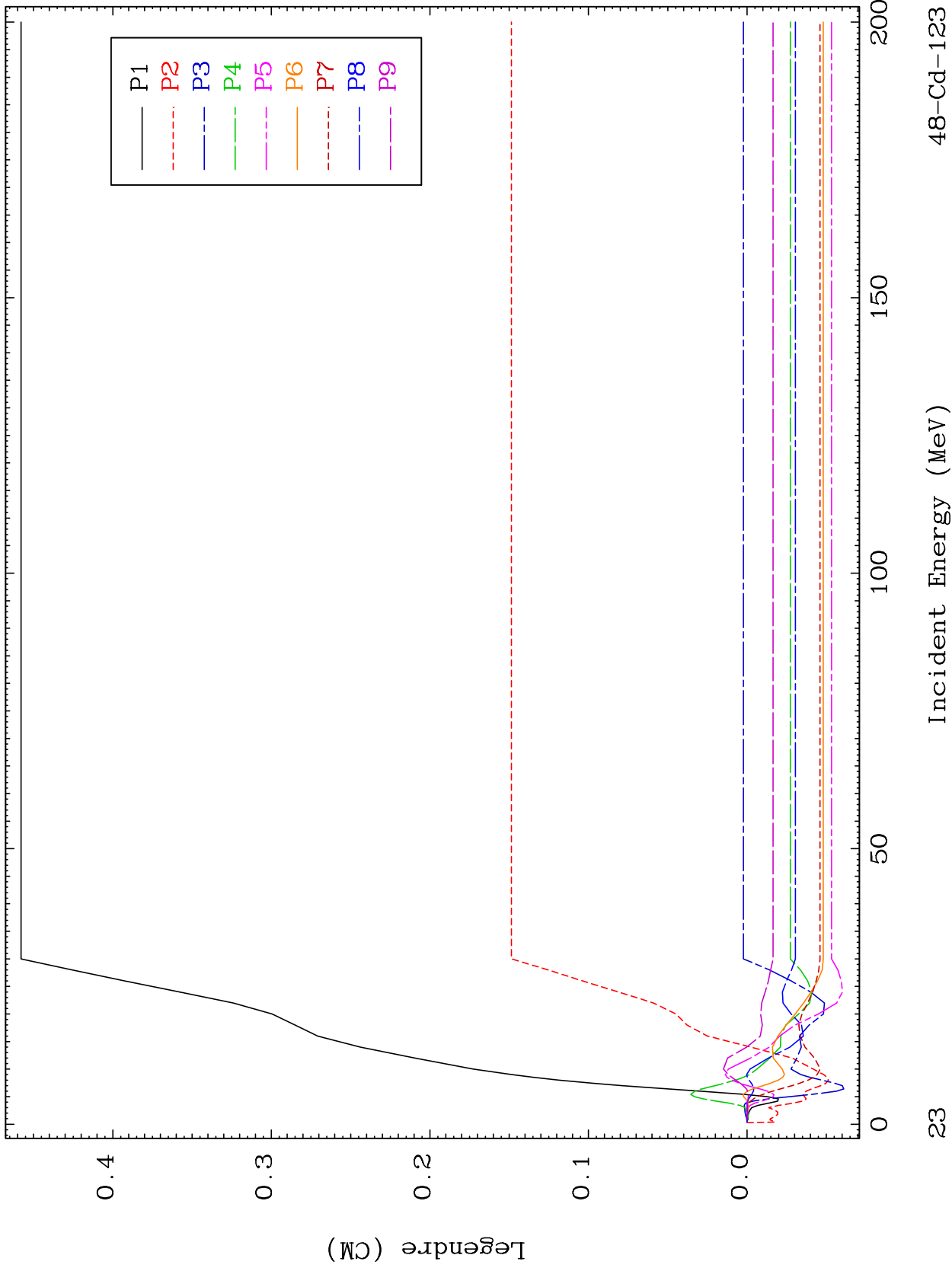




MAT 4876

263.9 keV (n,n') Level
Legendre Coefficients

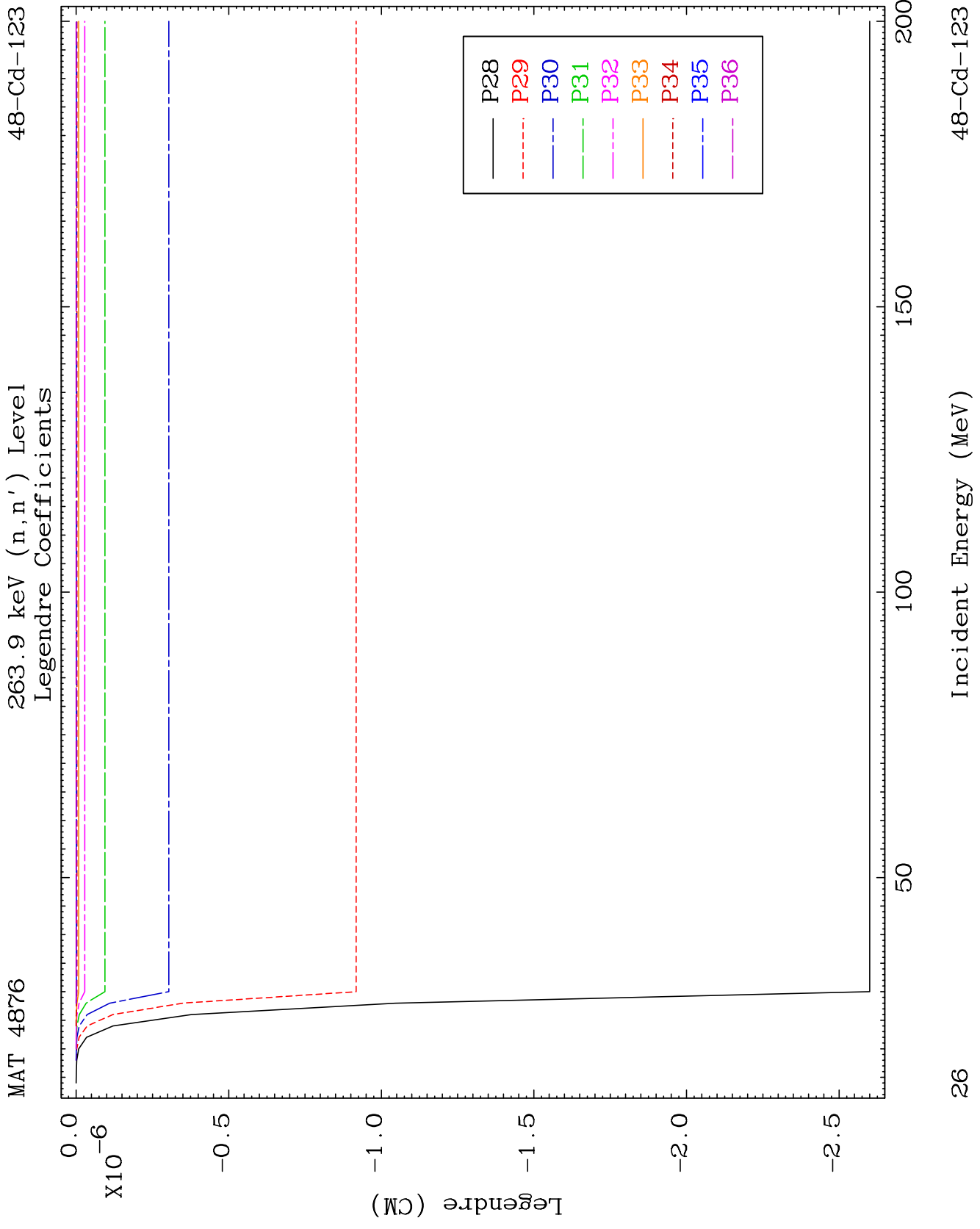
48-Cd-123

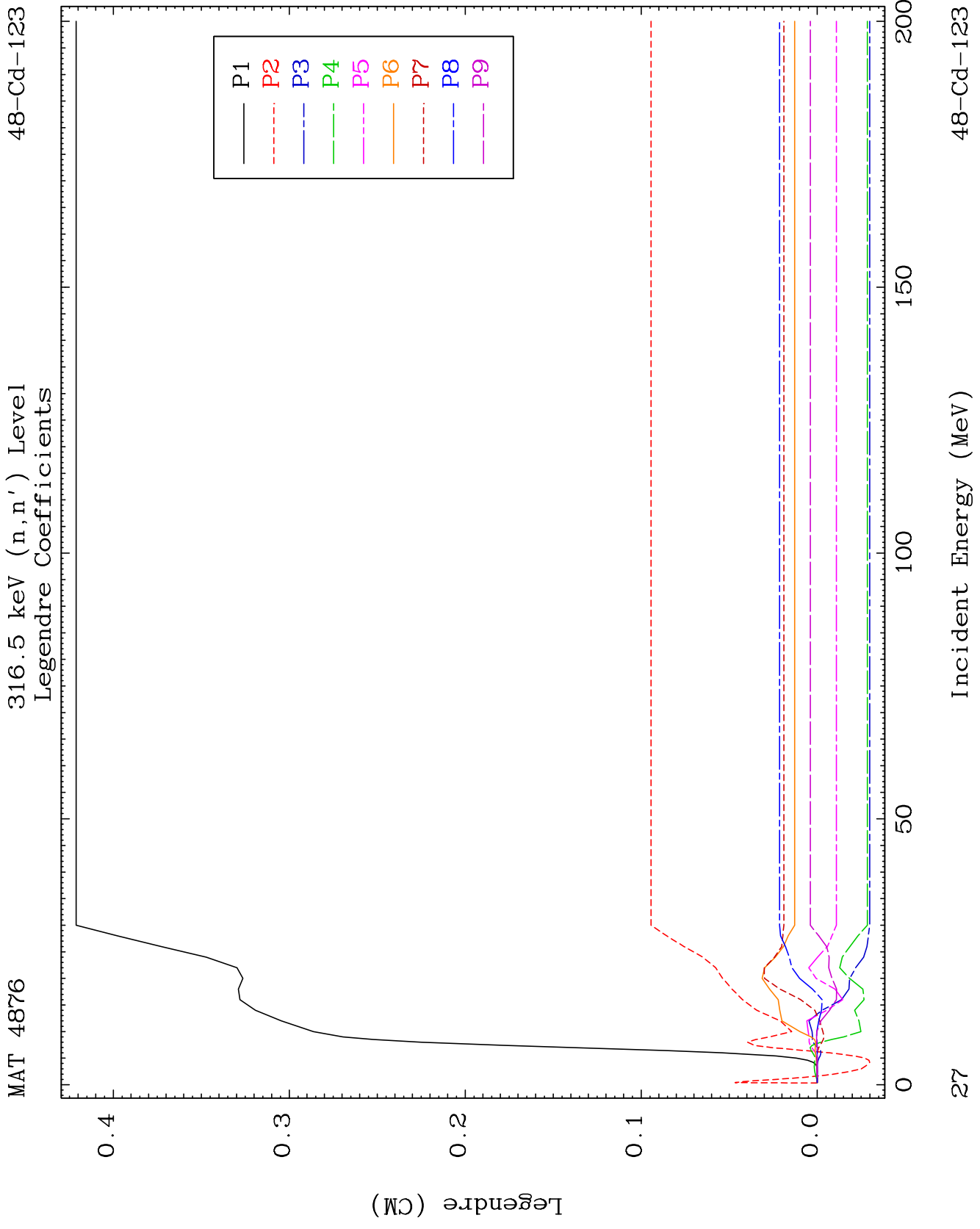


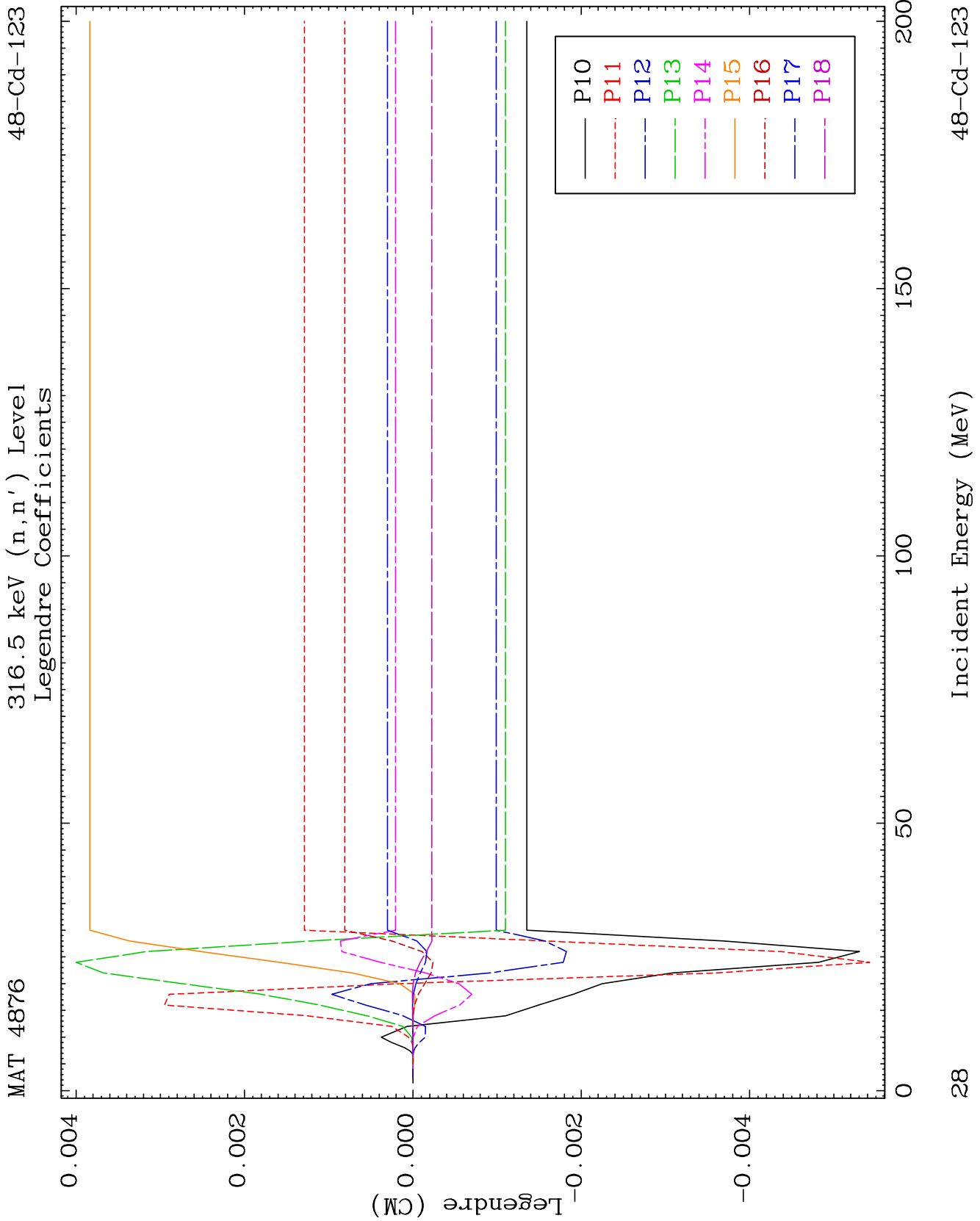
23

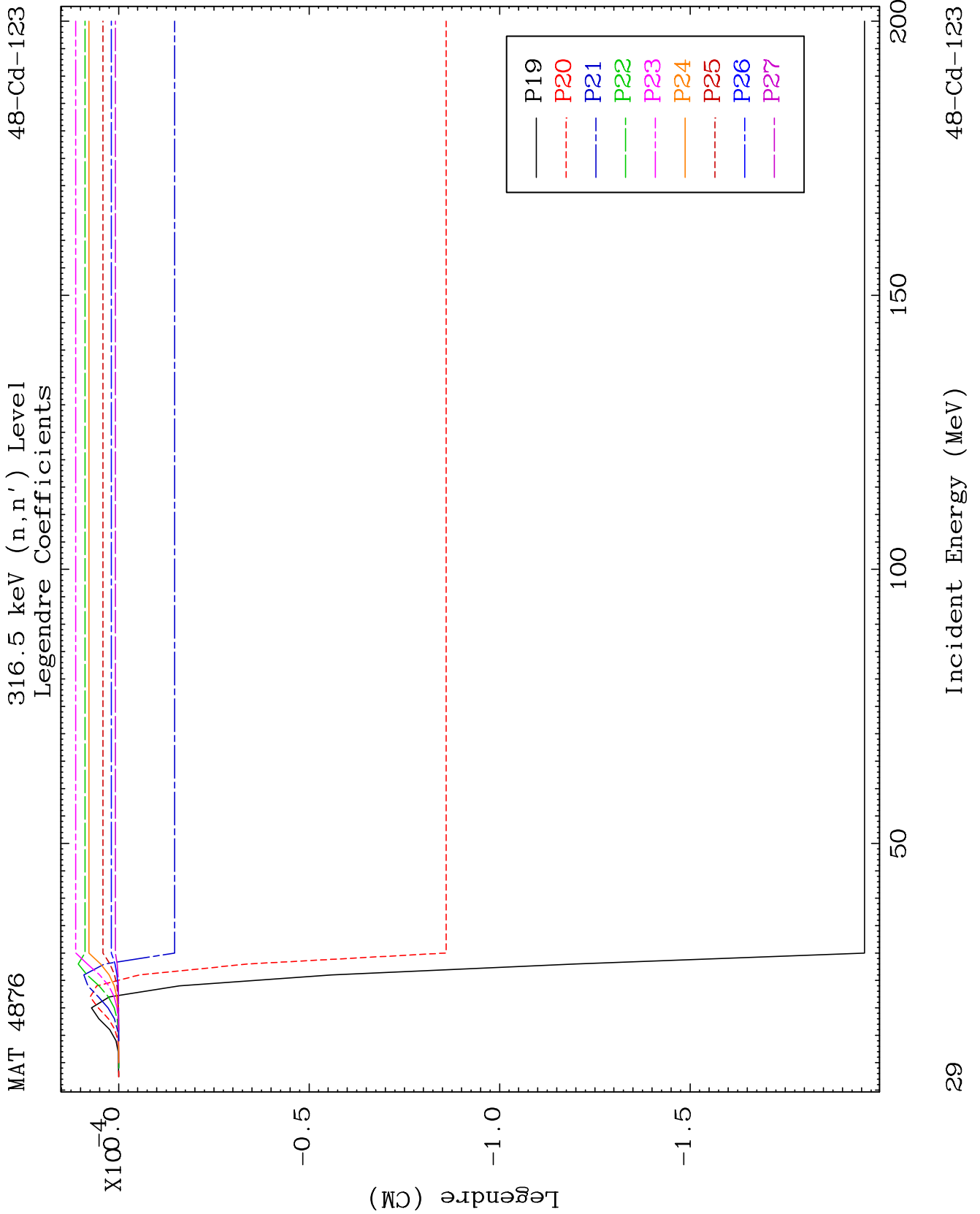
Incident Energy (MeV)

48-Cd-123





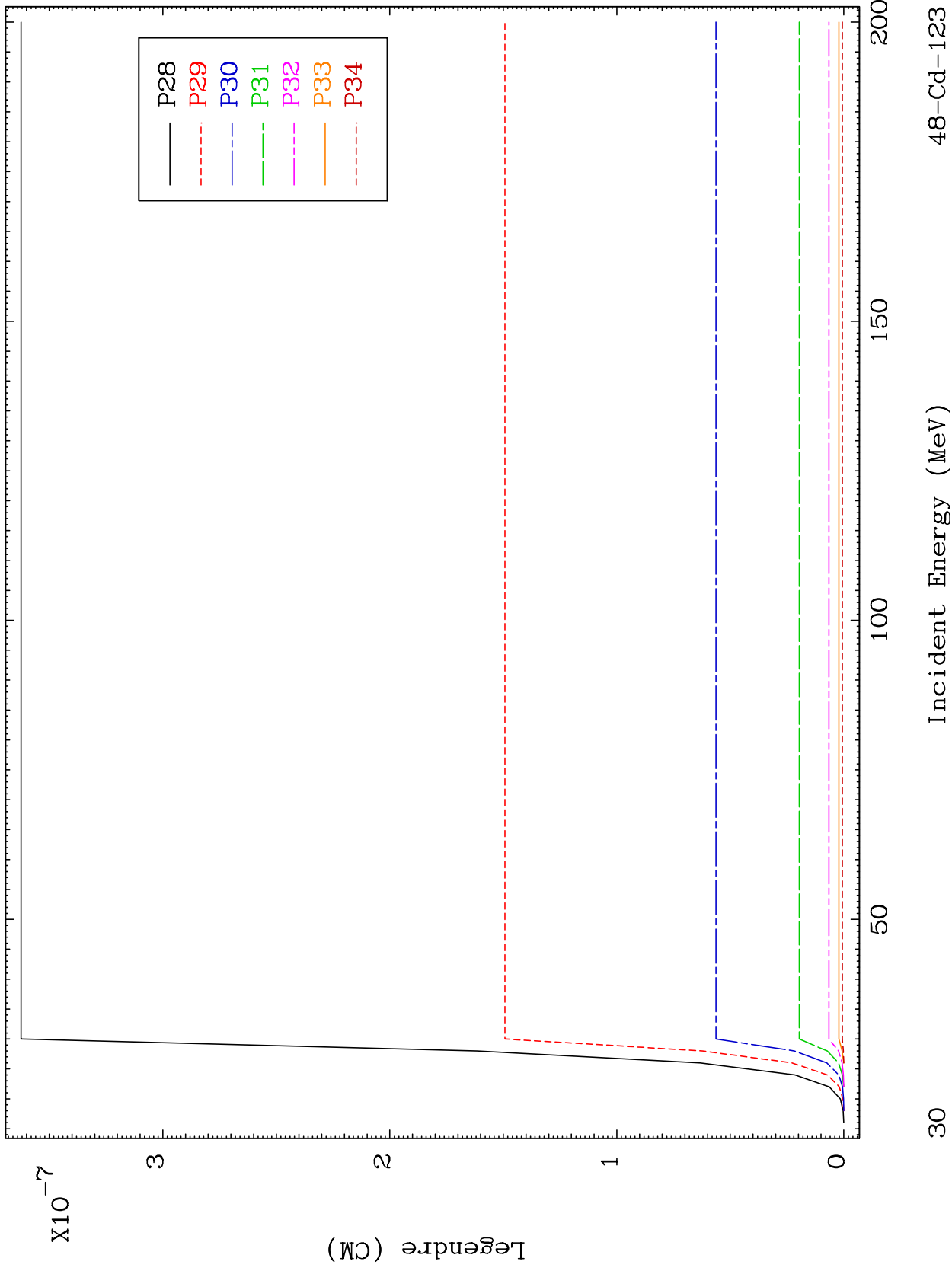




MAT 4876

316.5 keV (n,n') Level
Legendre Coefficients

48-Cd-123



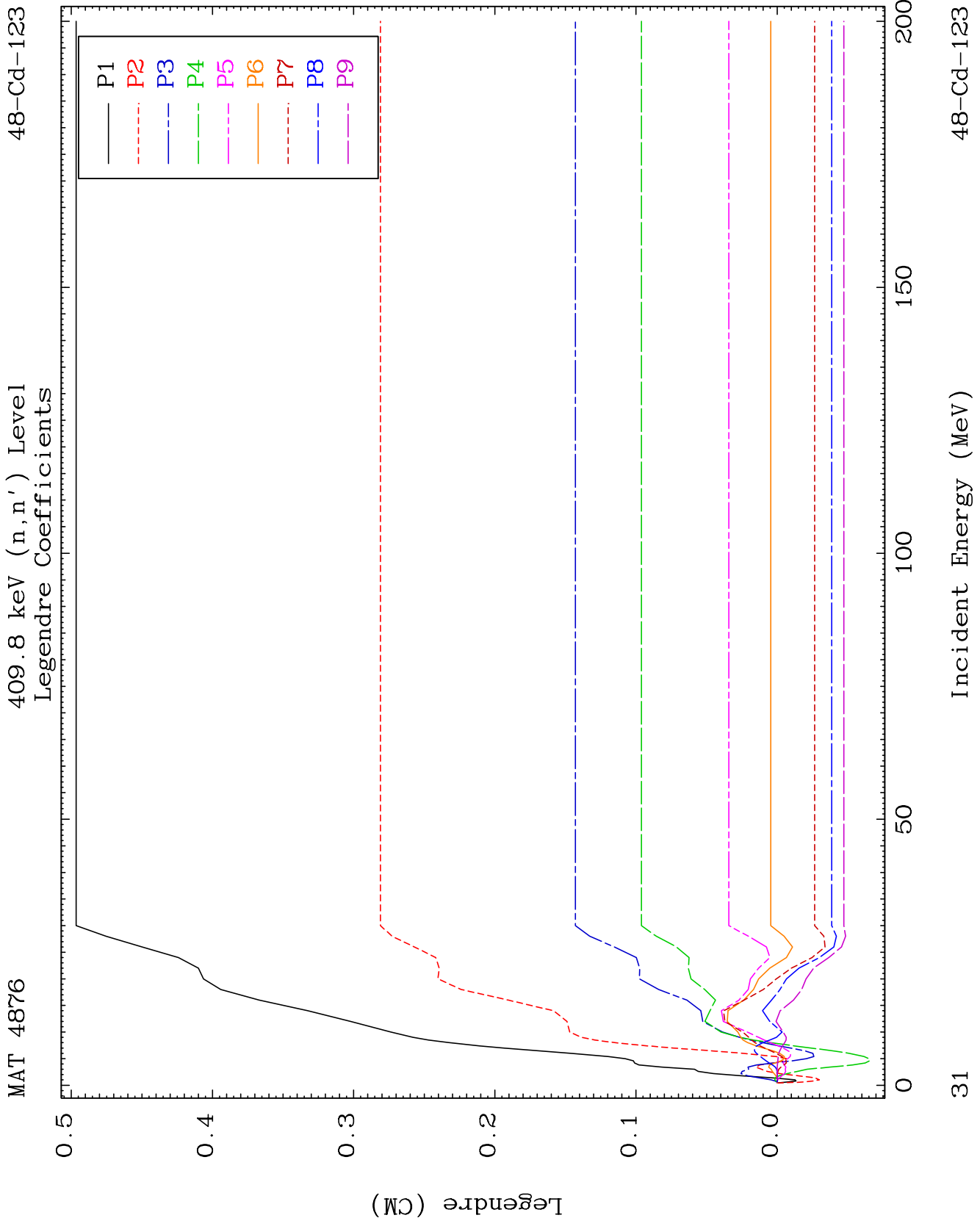
48-Cd-123

Incident Energy (MeV)

30

10^{-7}

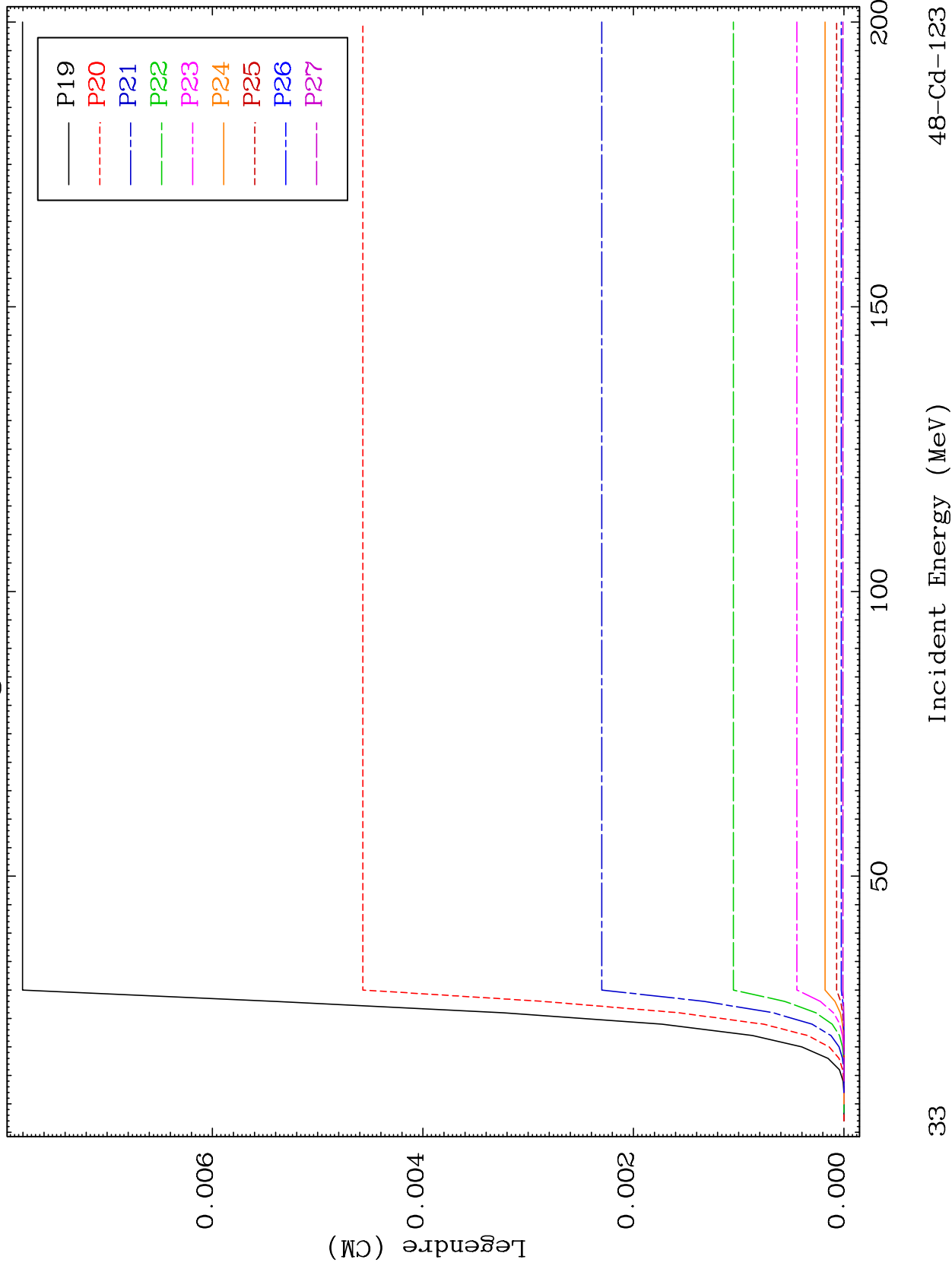
Legendre (CM)

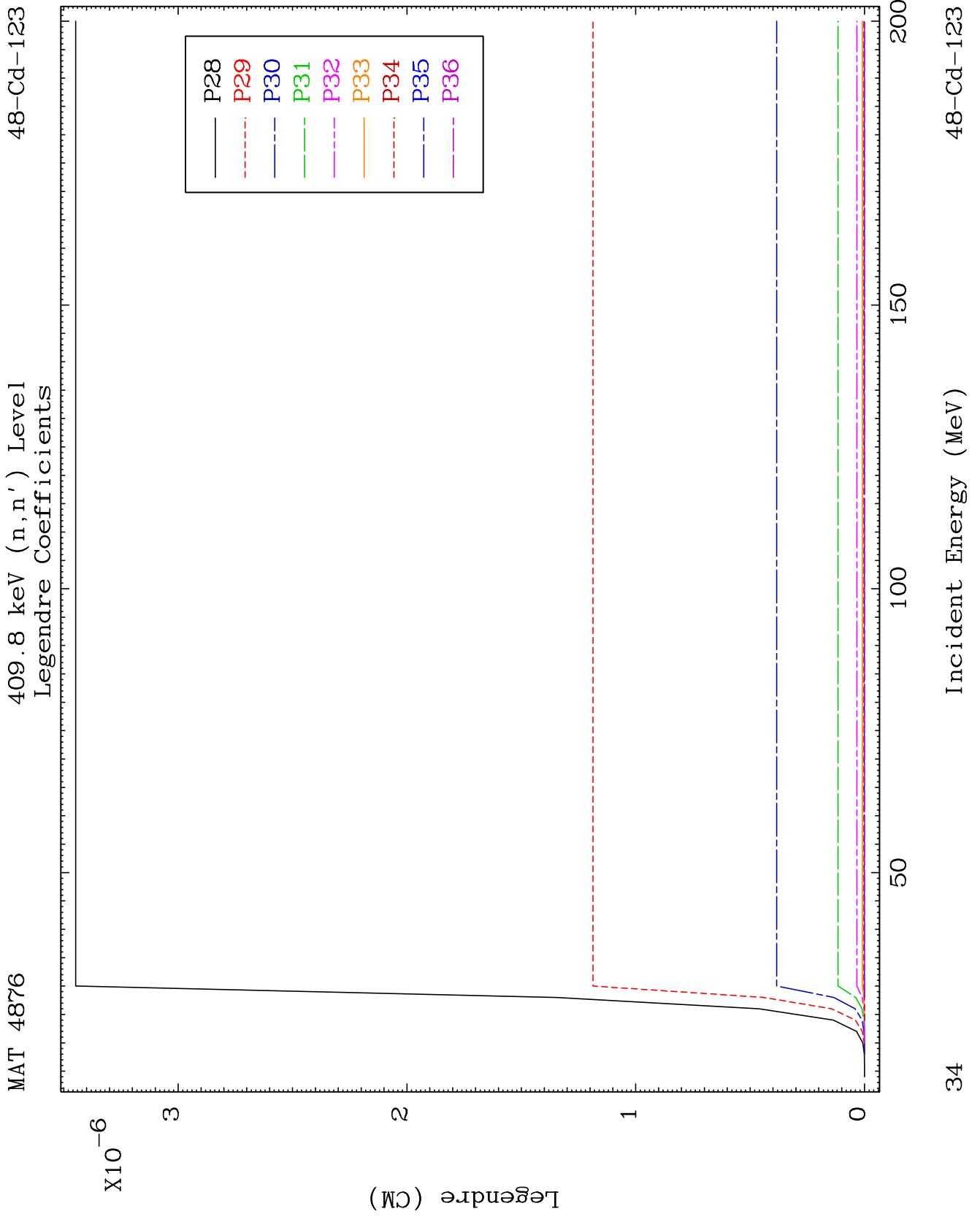


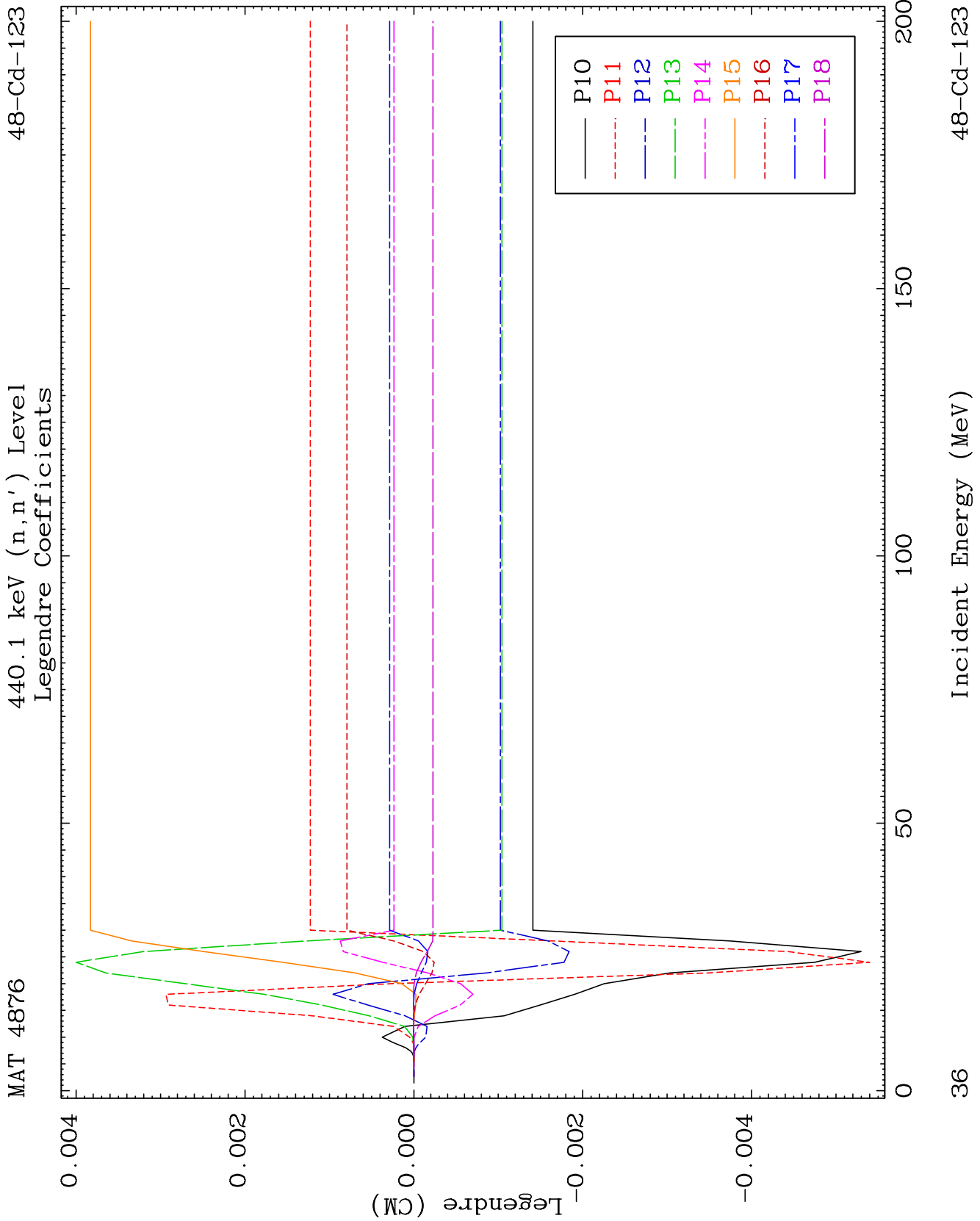
MAT 4876

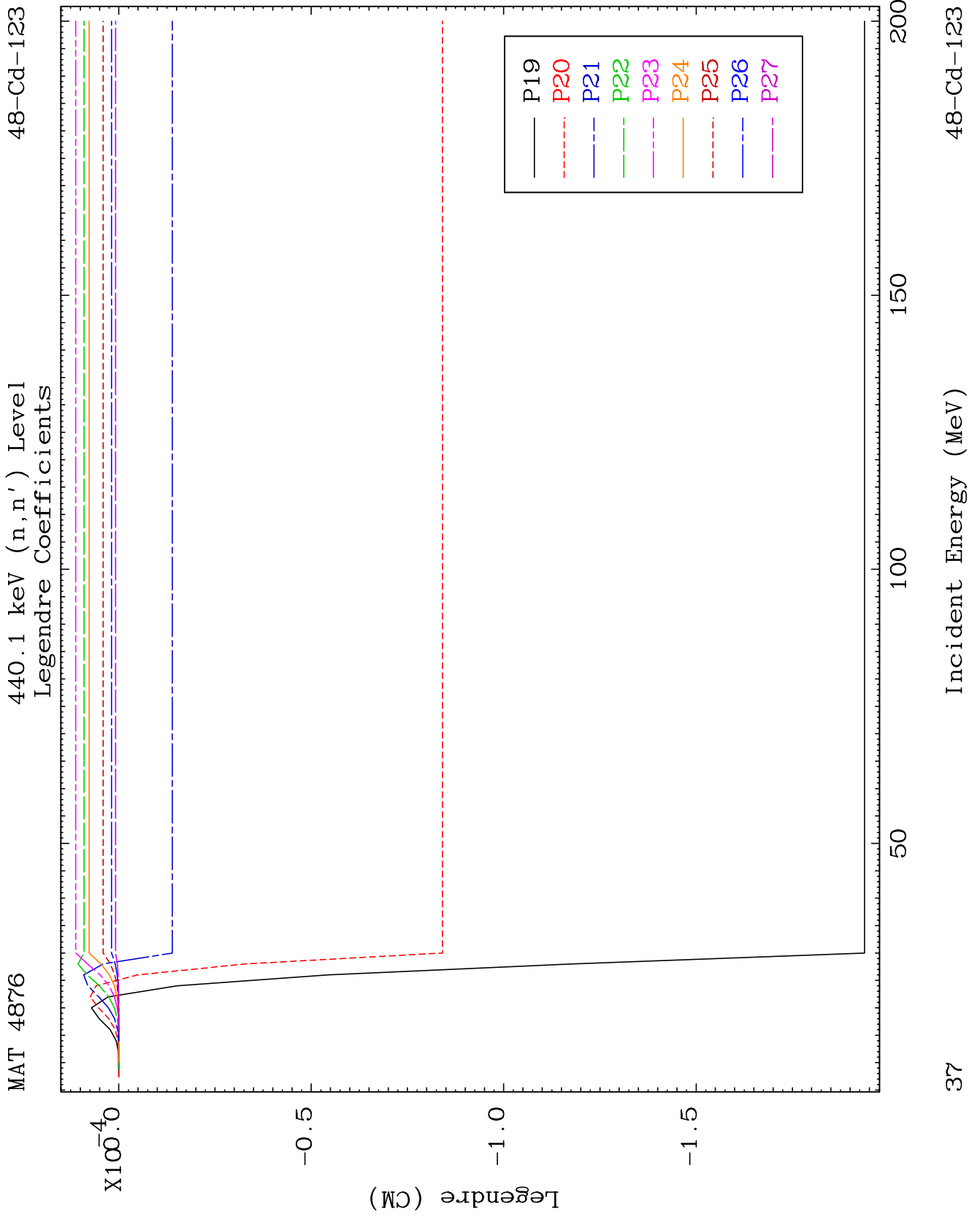
409.8 keV (n, n') Level
Legendre Coefficients

48-Cd-123





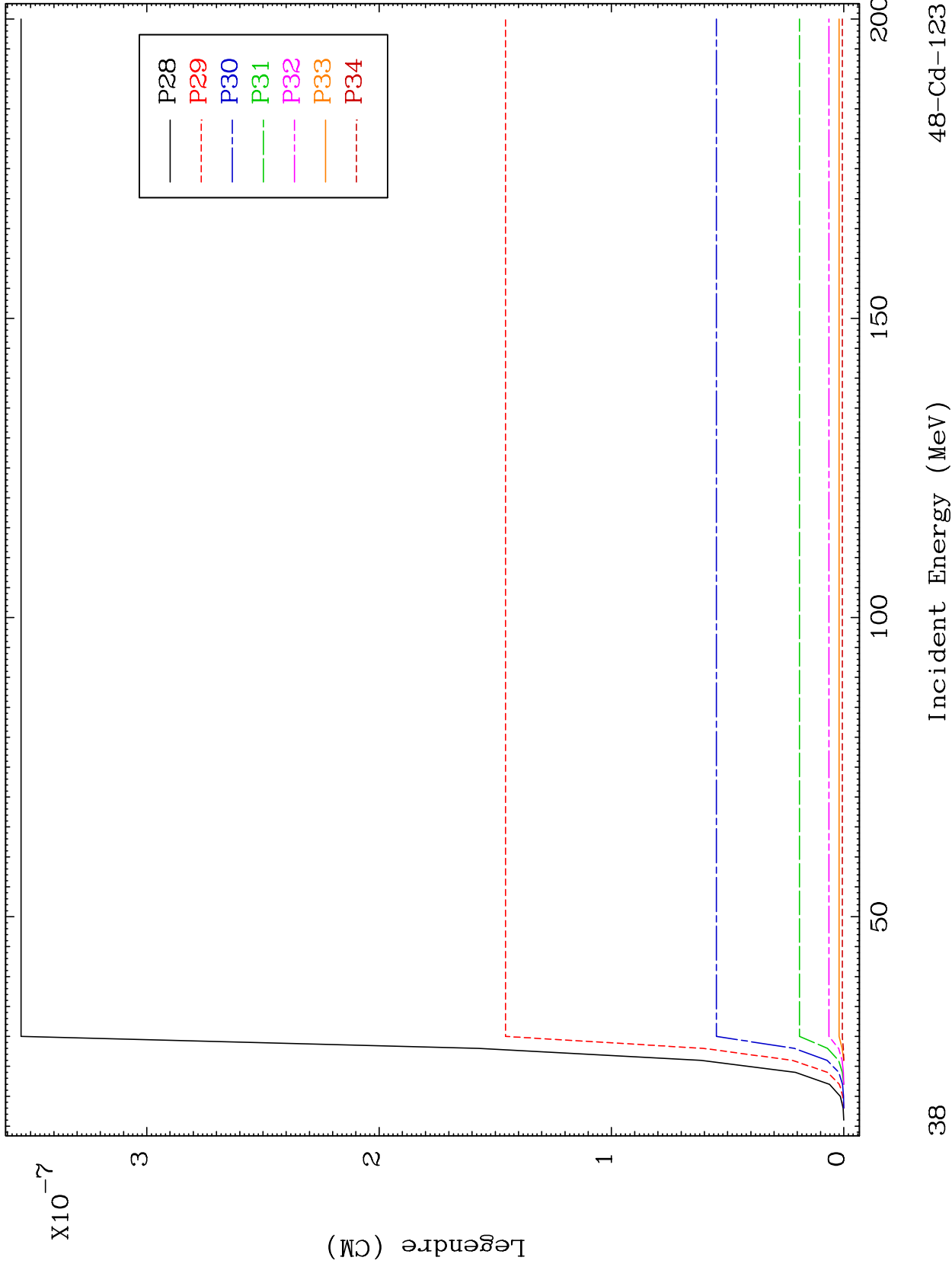




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440.1 keV (n,n') Level
Legendre Coefficients

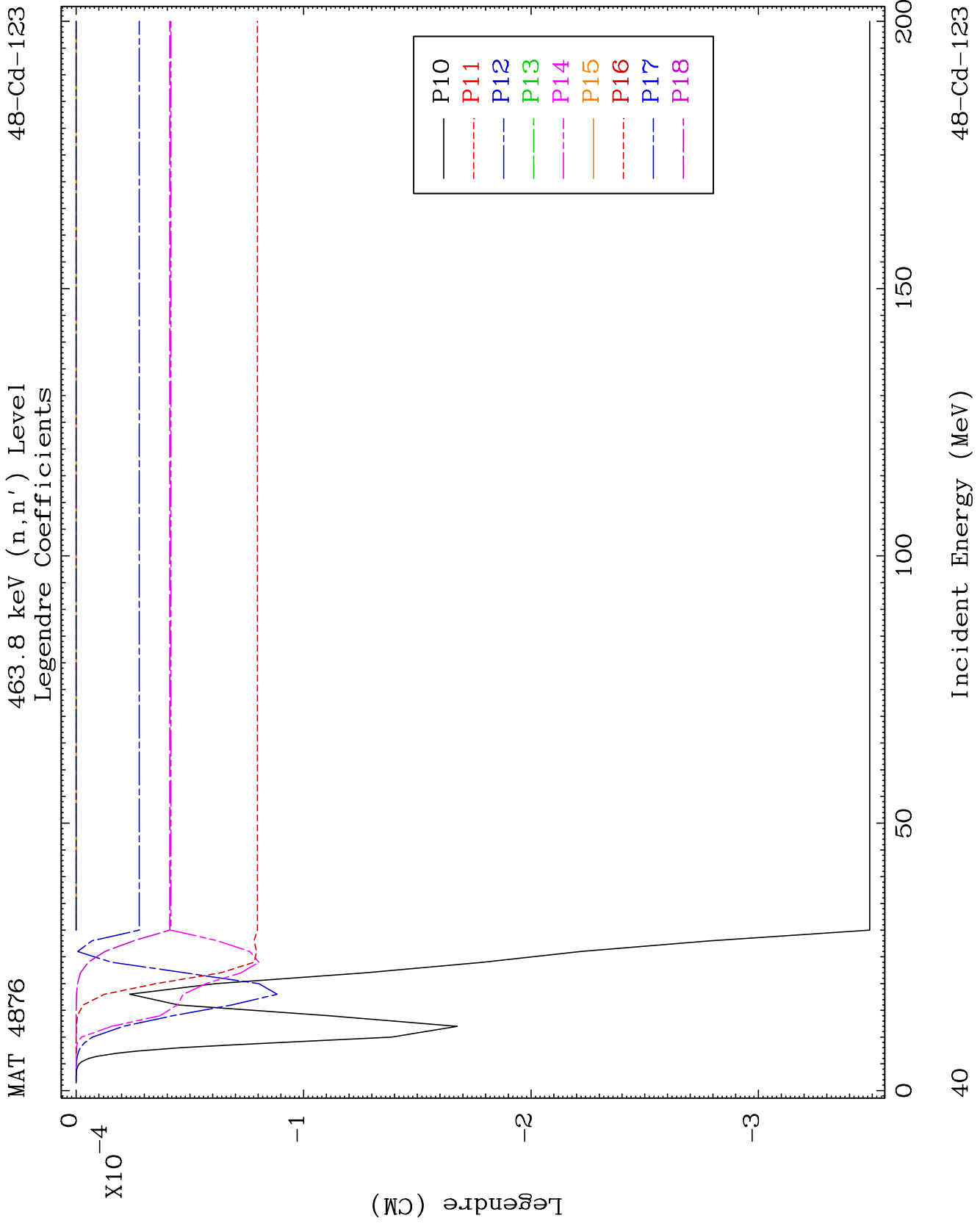
48-Cd-123

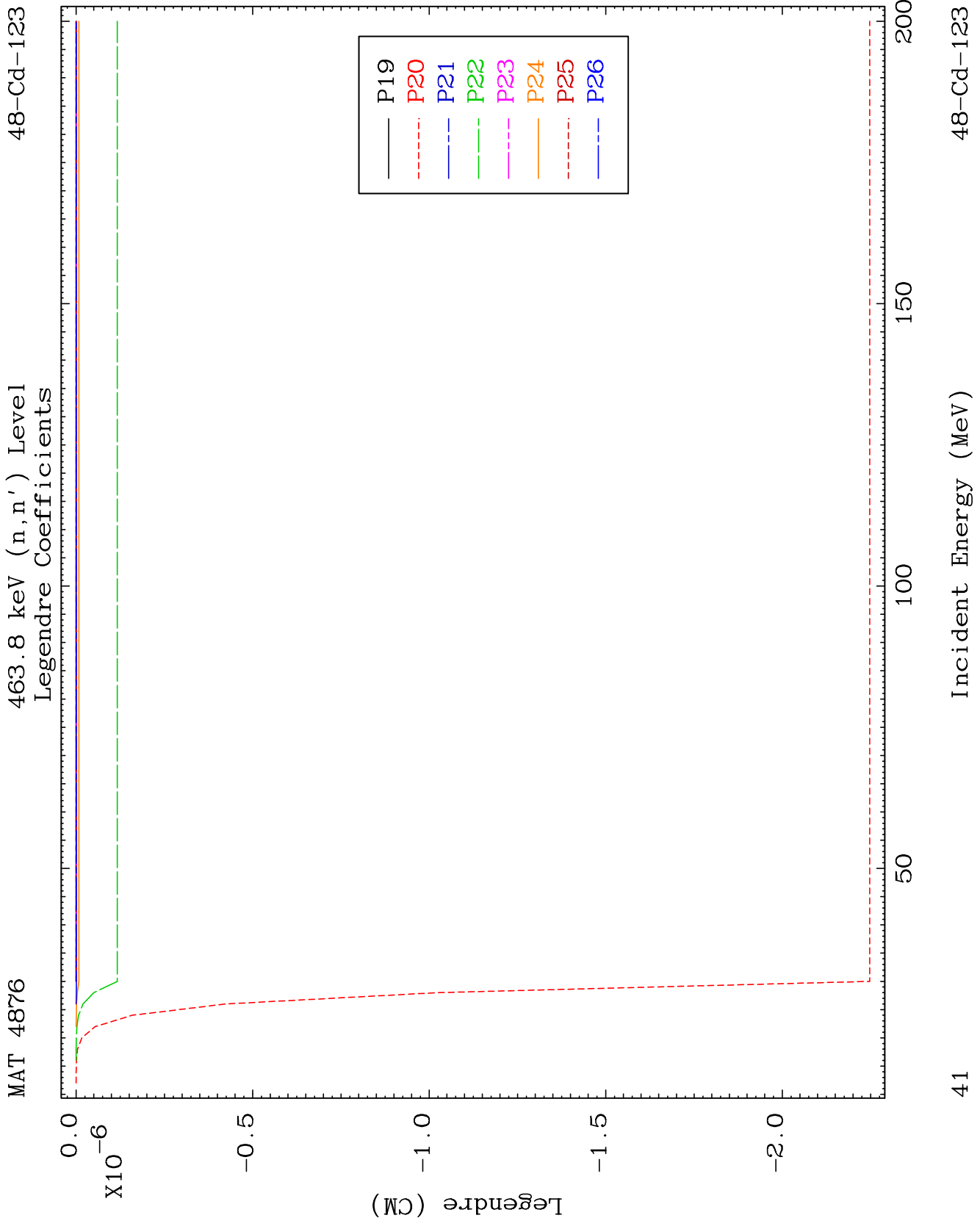


38

Incident Energy (MeV)

48-Cd-123

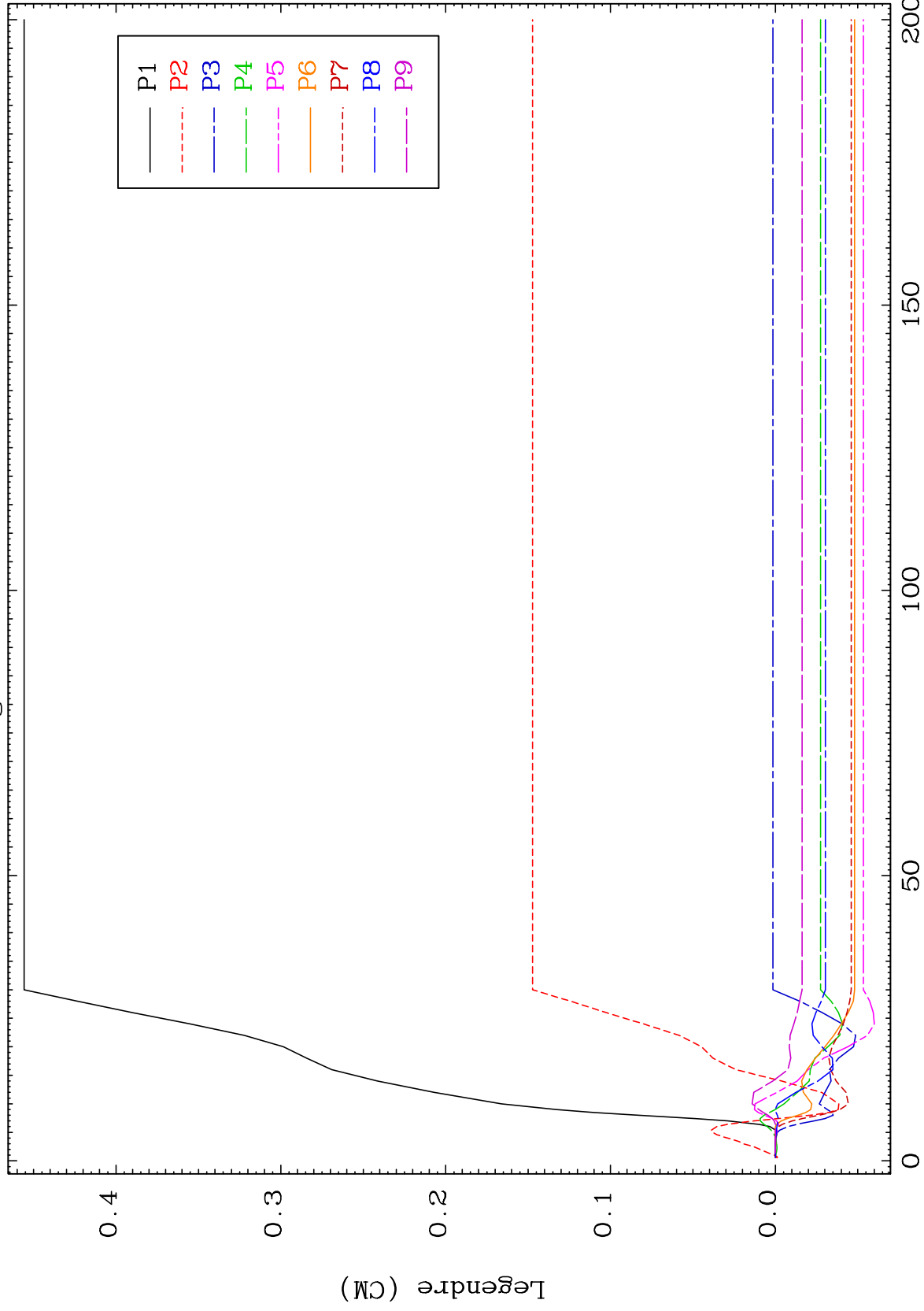




MAT 4876

553.7 keV (n,n') Level
Legendre Coefficients

48-Cd-123



42

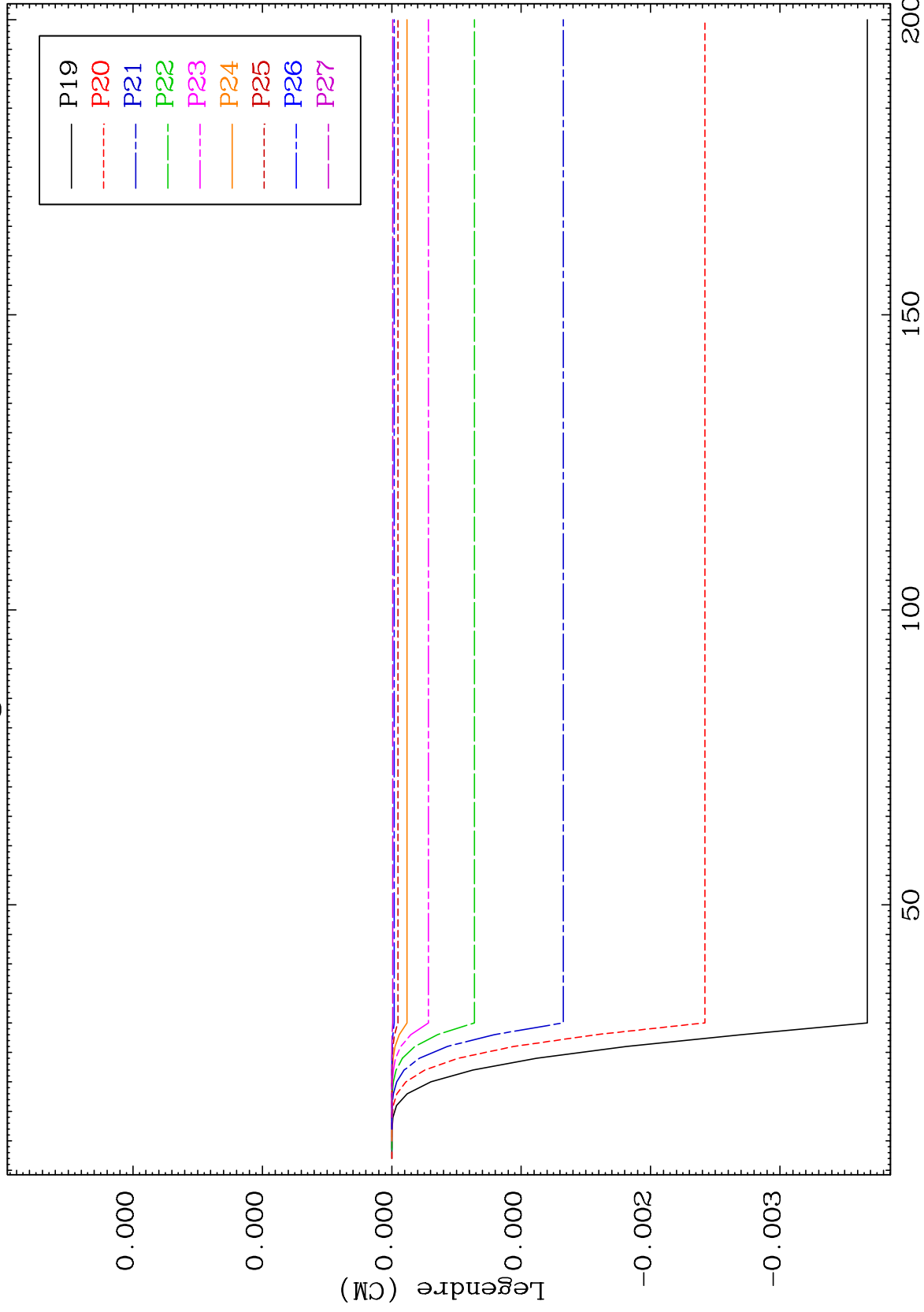
Incident Energy (MeV)

48-Cd-123

MAT 4876

553.7 keV (n,n') Level
Legendre Coefficients

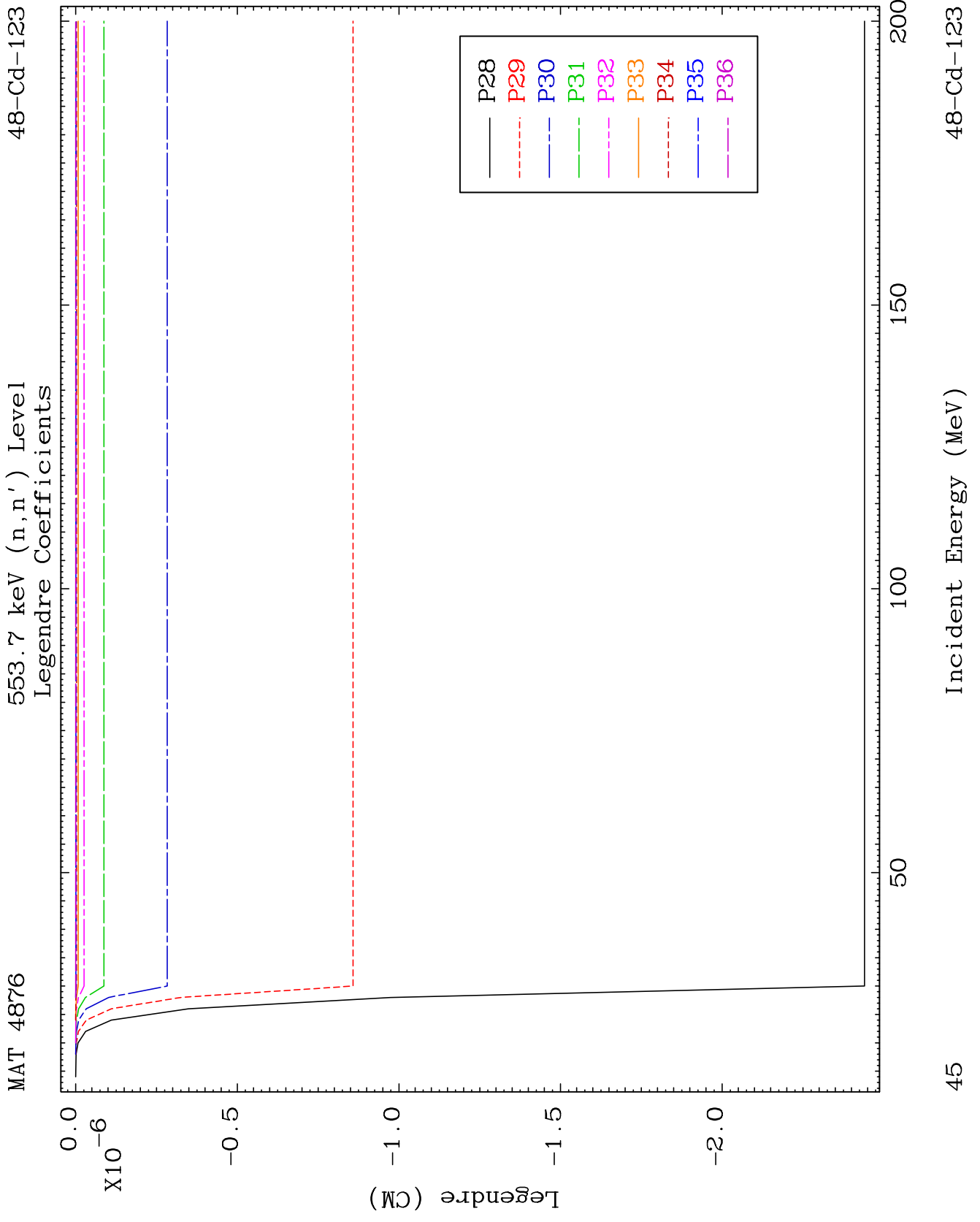
48-Cd-123



44

Incident Energy (MeV)

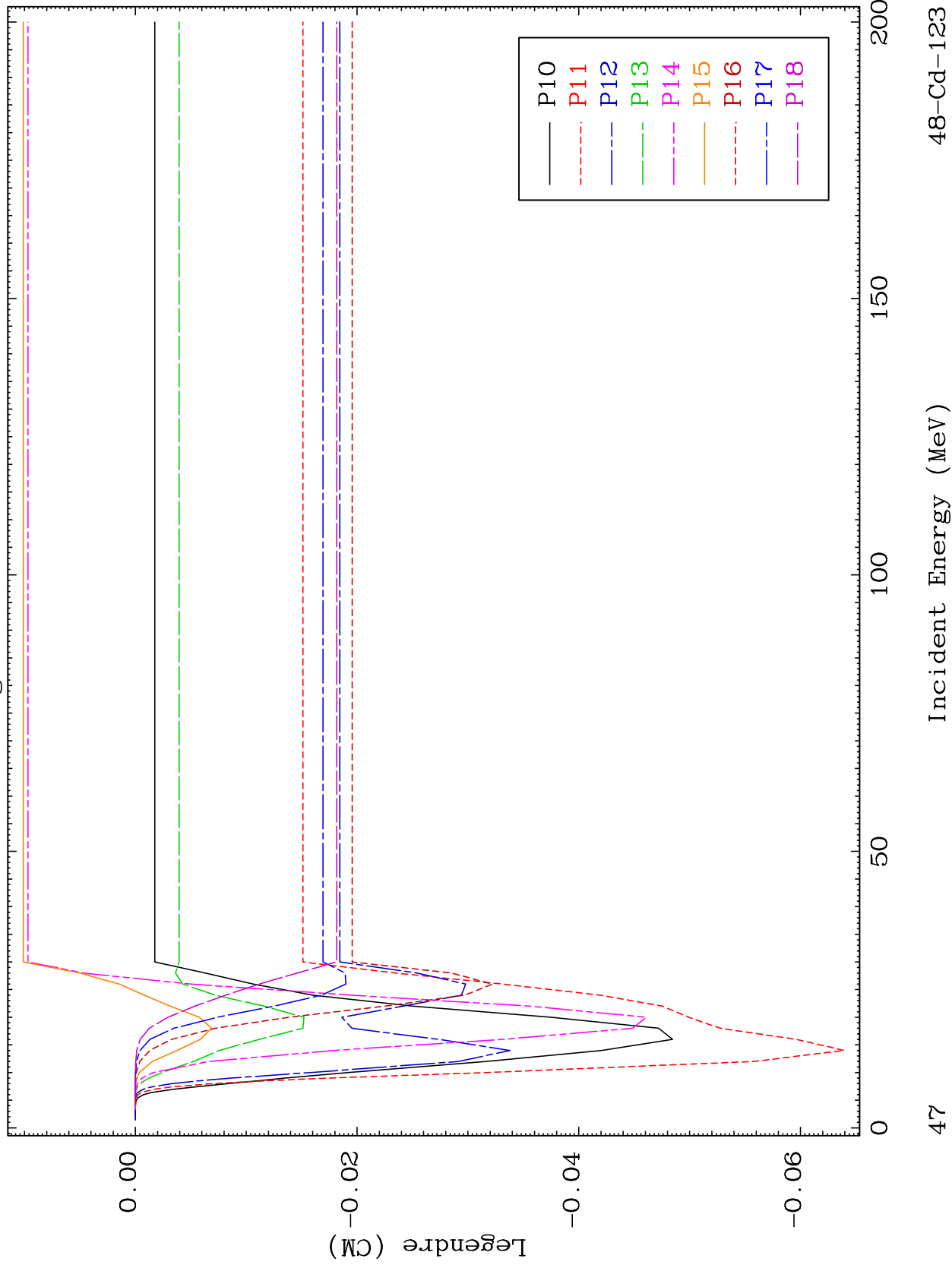
48-Cd-123



MAT 4876

591.3 keV (n,n') Level
Legendre Coefficients

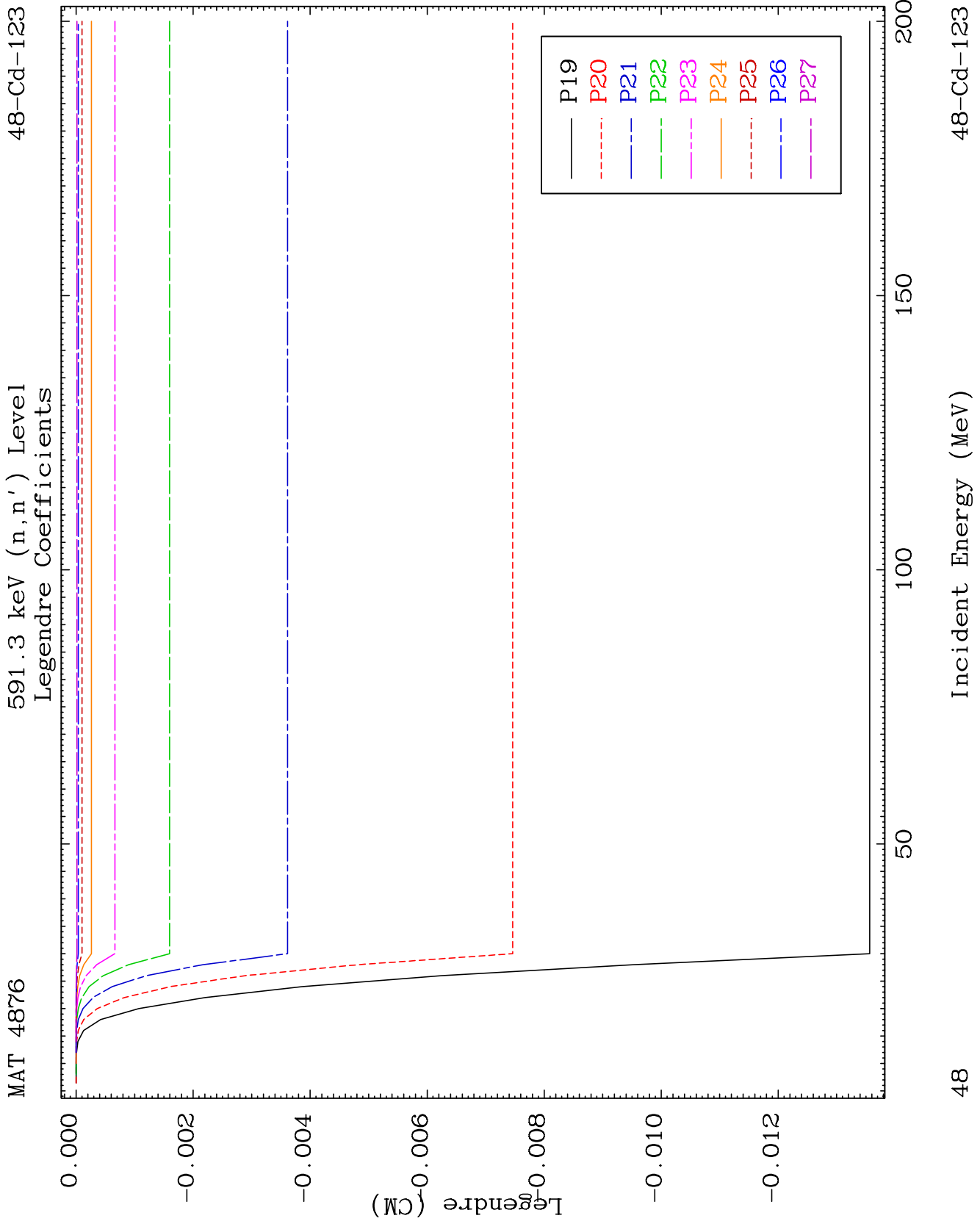
48-Cd-123

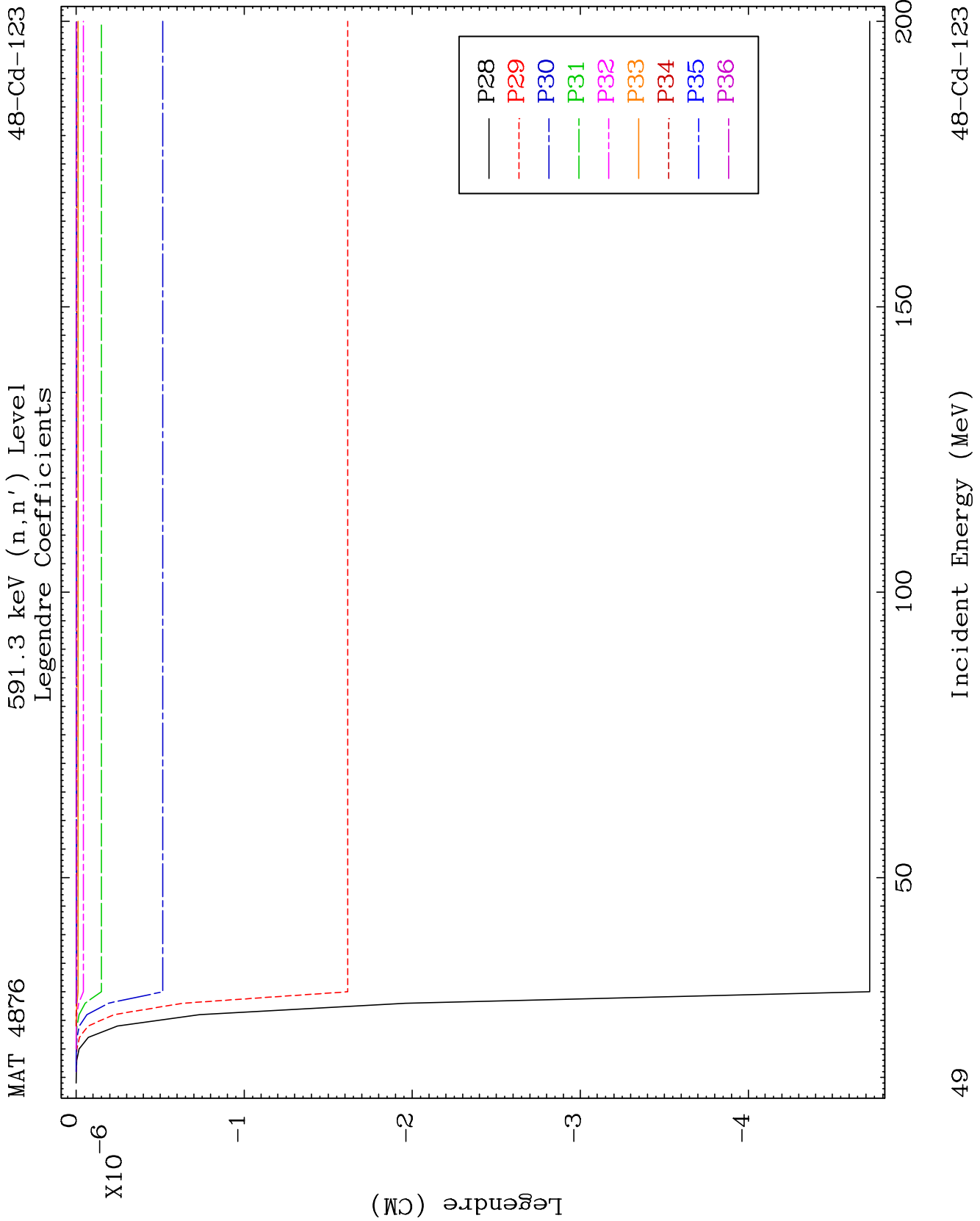


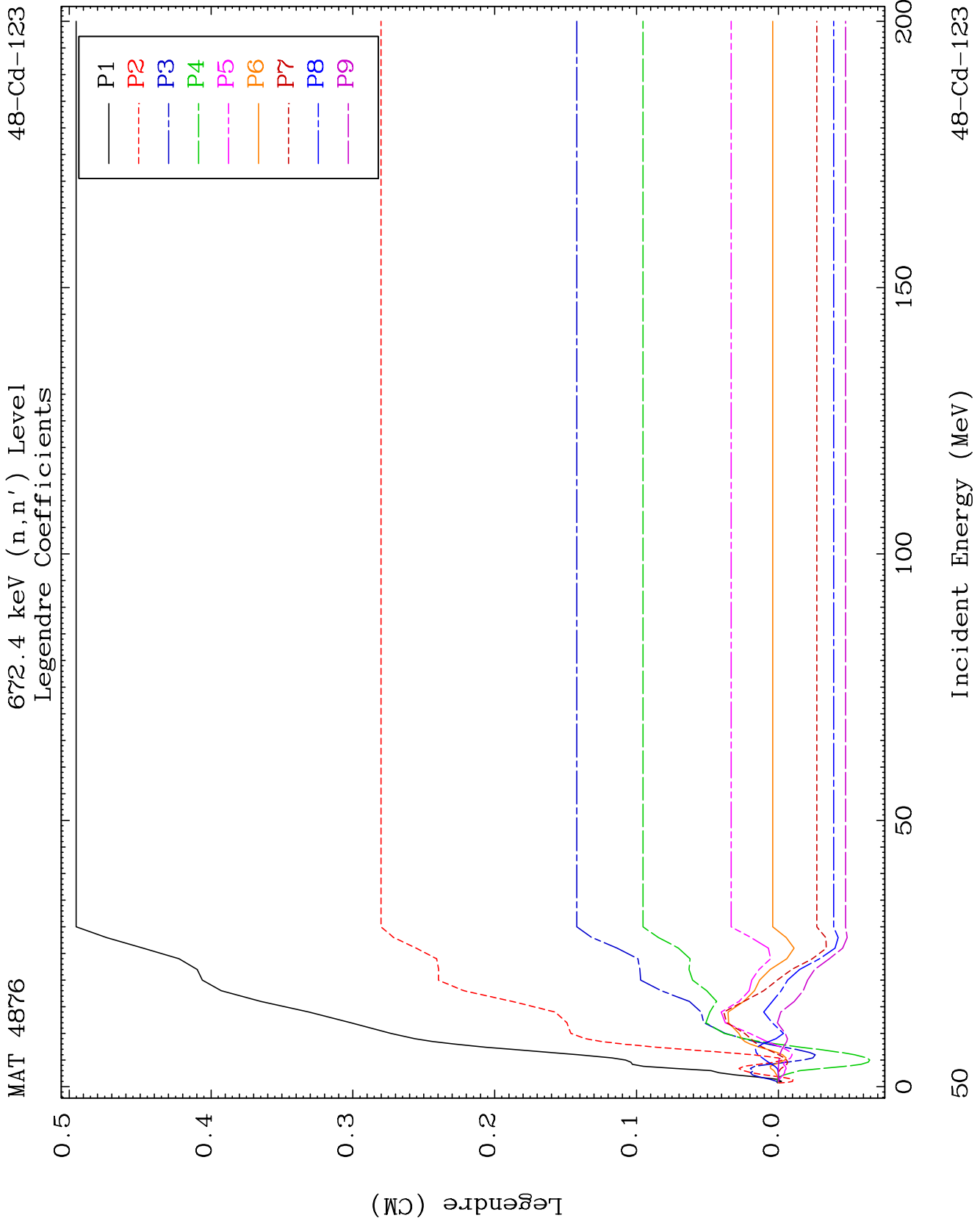
47

Incident Energy (MeV)

48-Cd-123



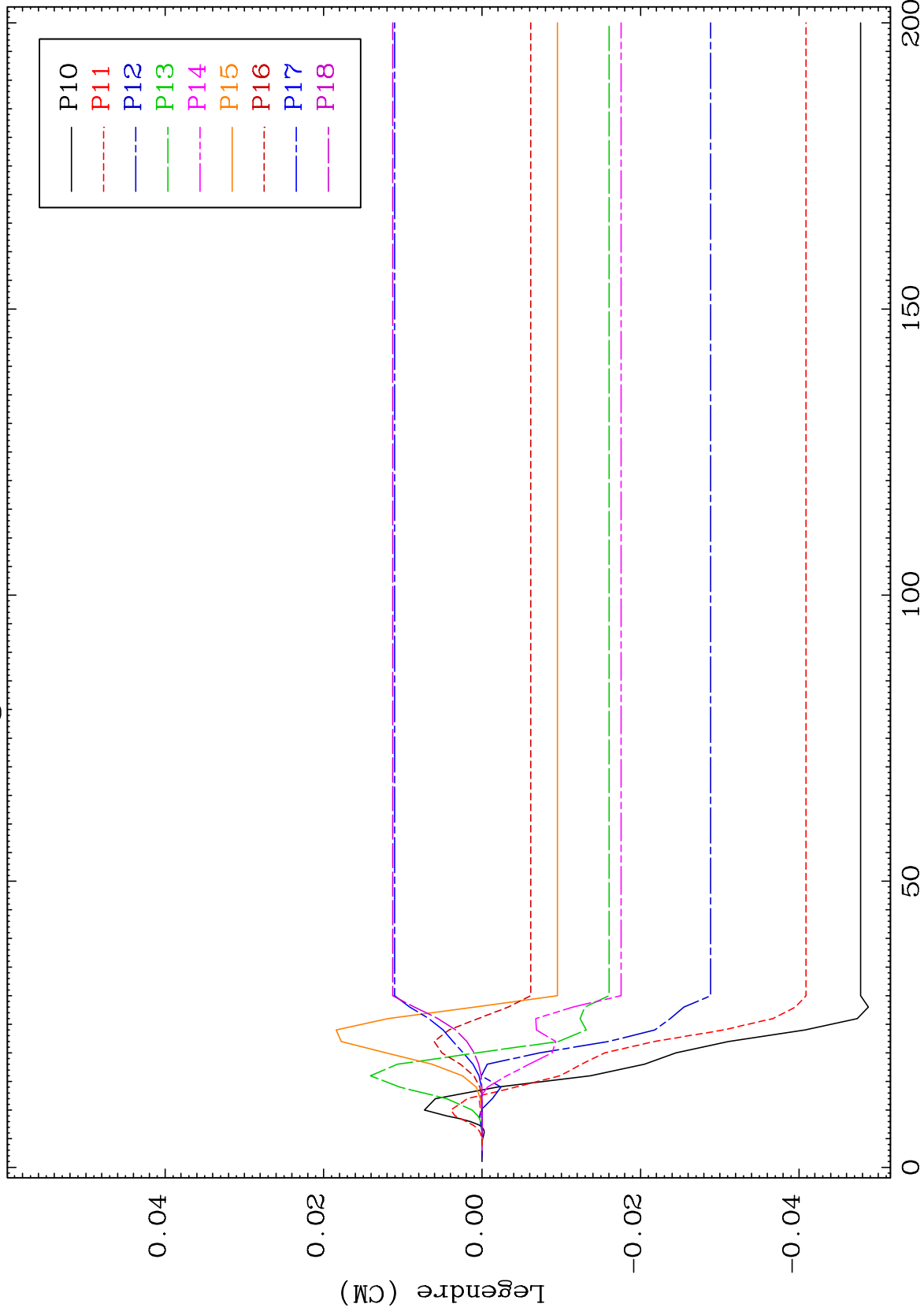




MAT 4876

672.4 keV (n,n') Level
Legendre Coefficients

48-Cd-123



51

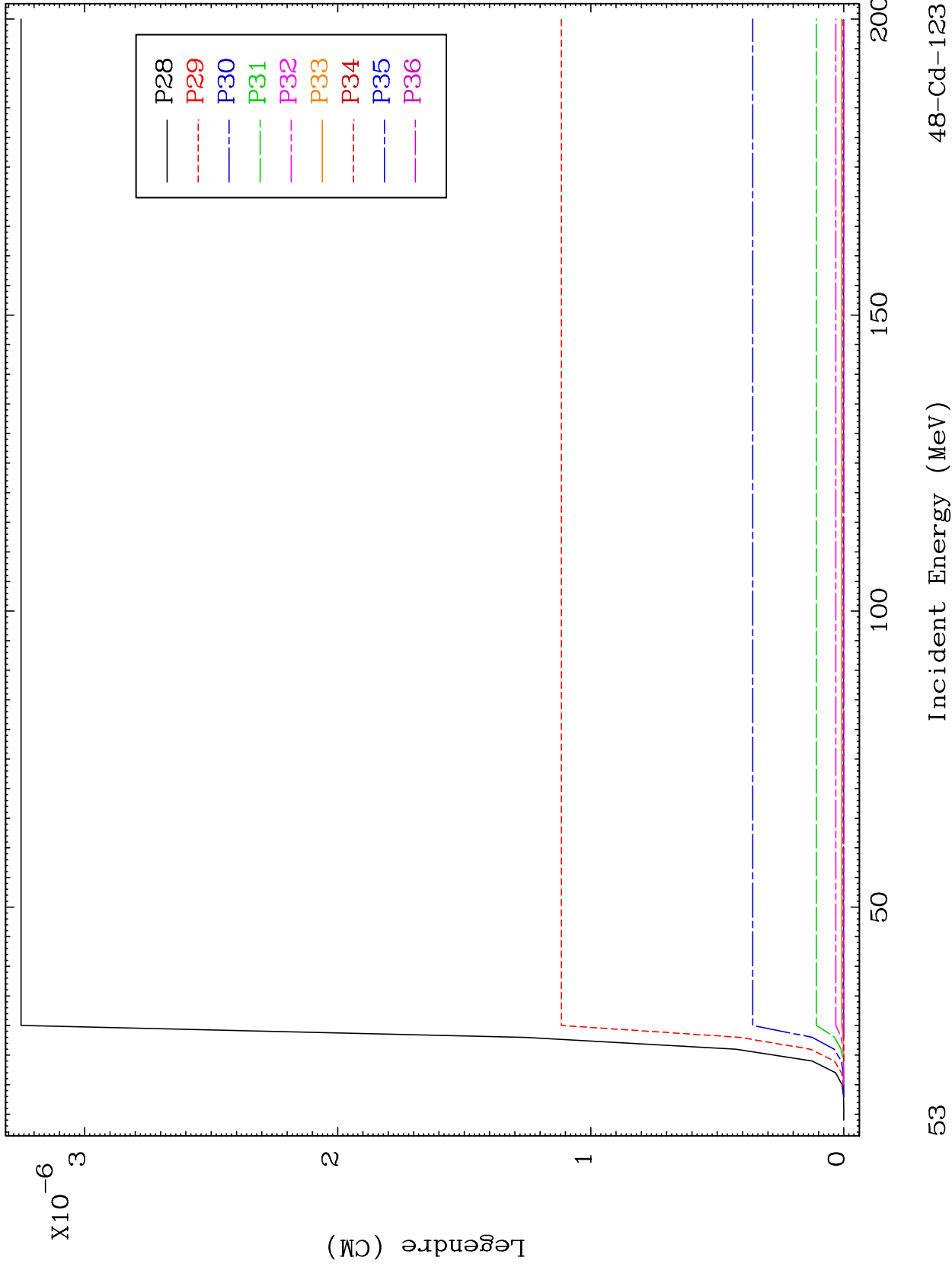
Incident Energy (MeV)

48-Cd-123

MAT 4876

672.4 keV (n, n') Level
Legendre Coefficients

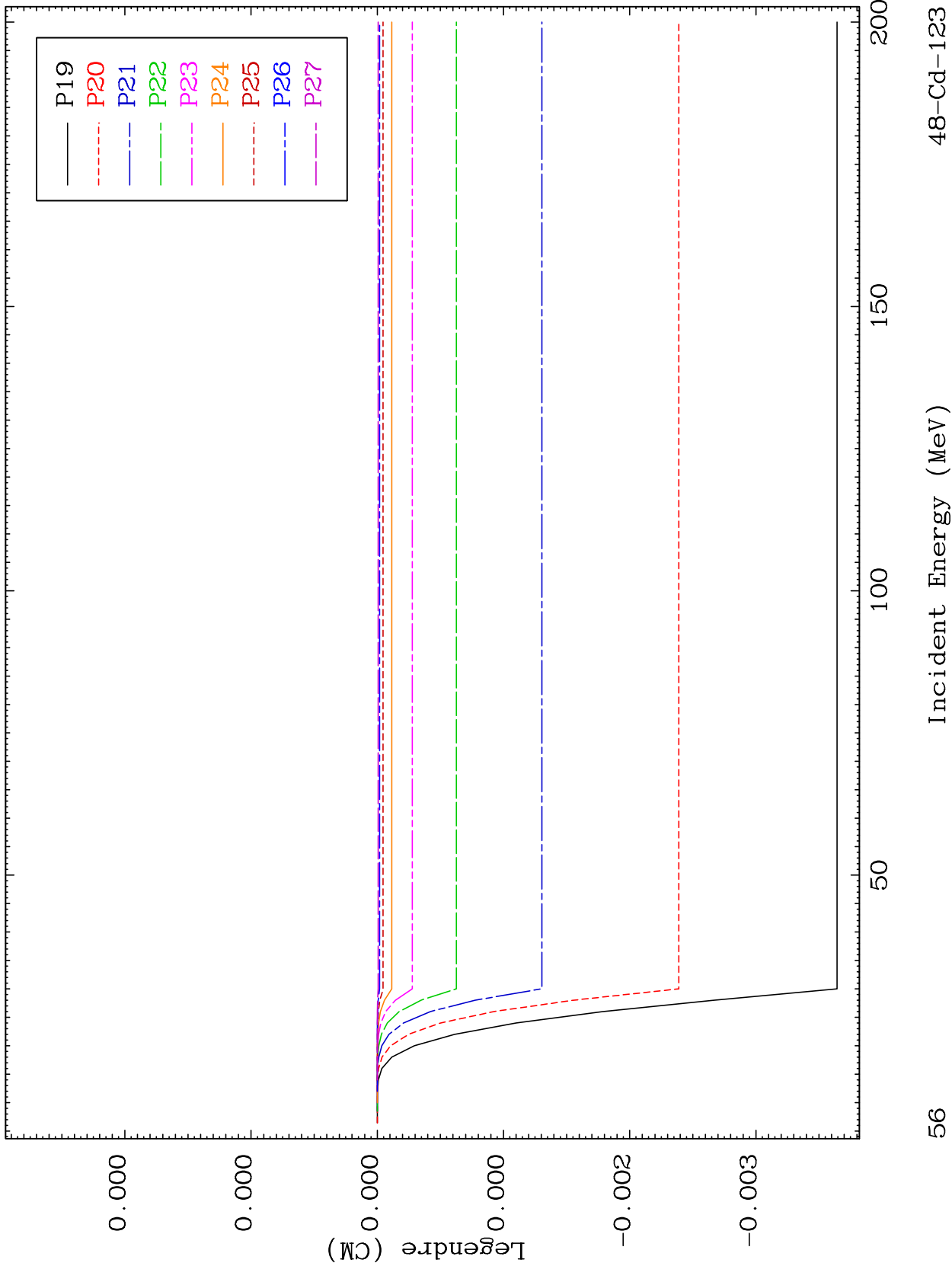
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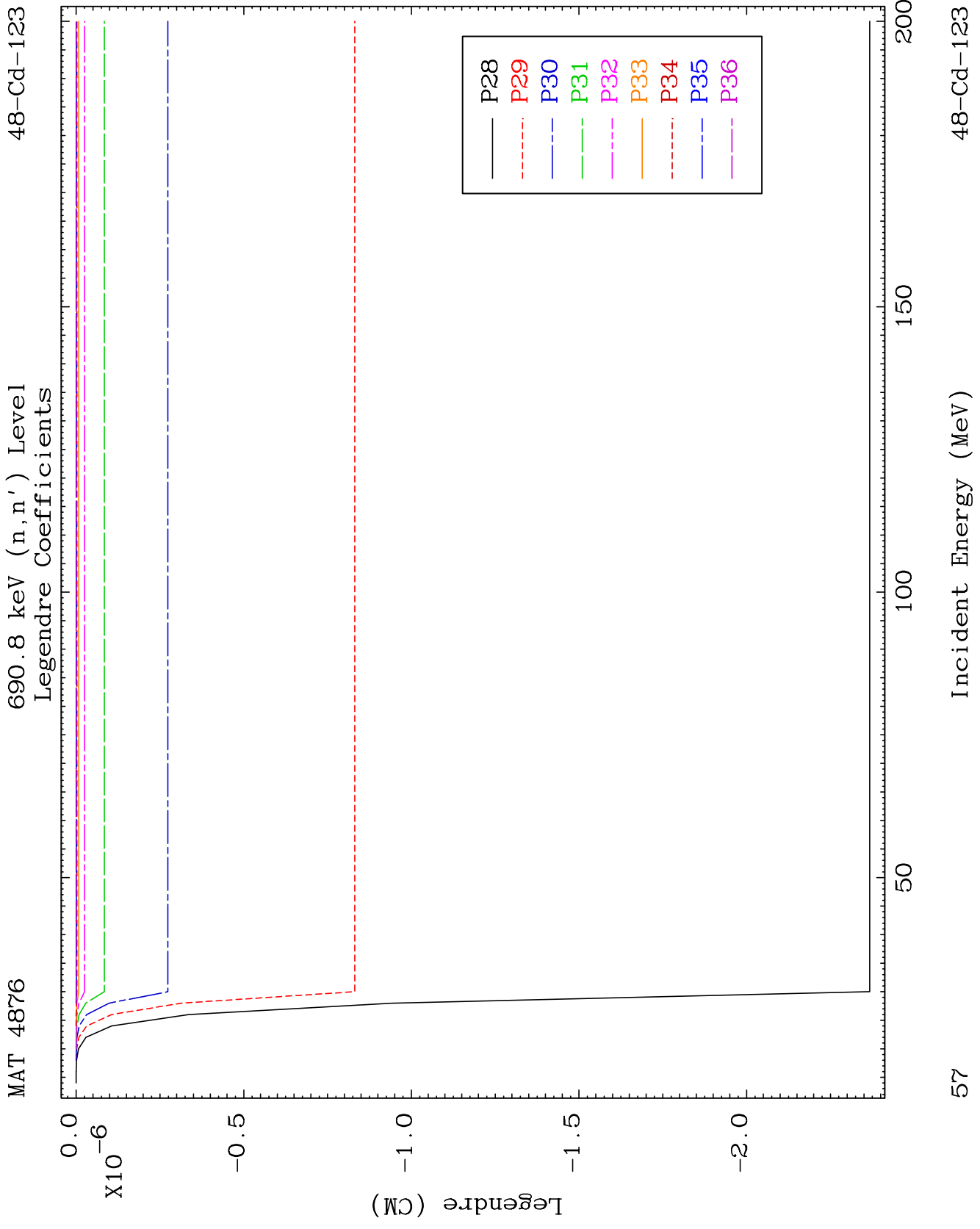


53

Incident Energy (MeV)

48-Cd-123

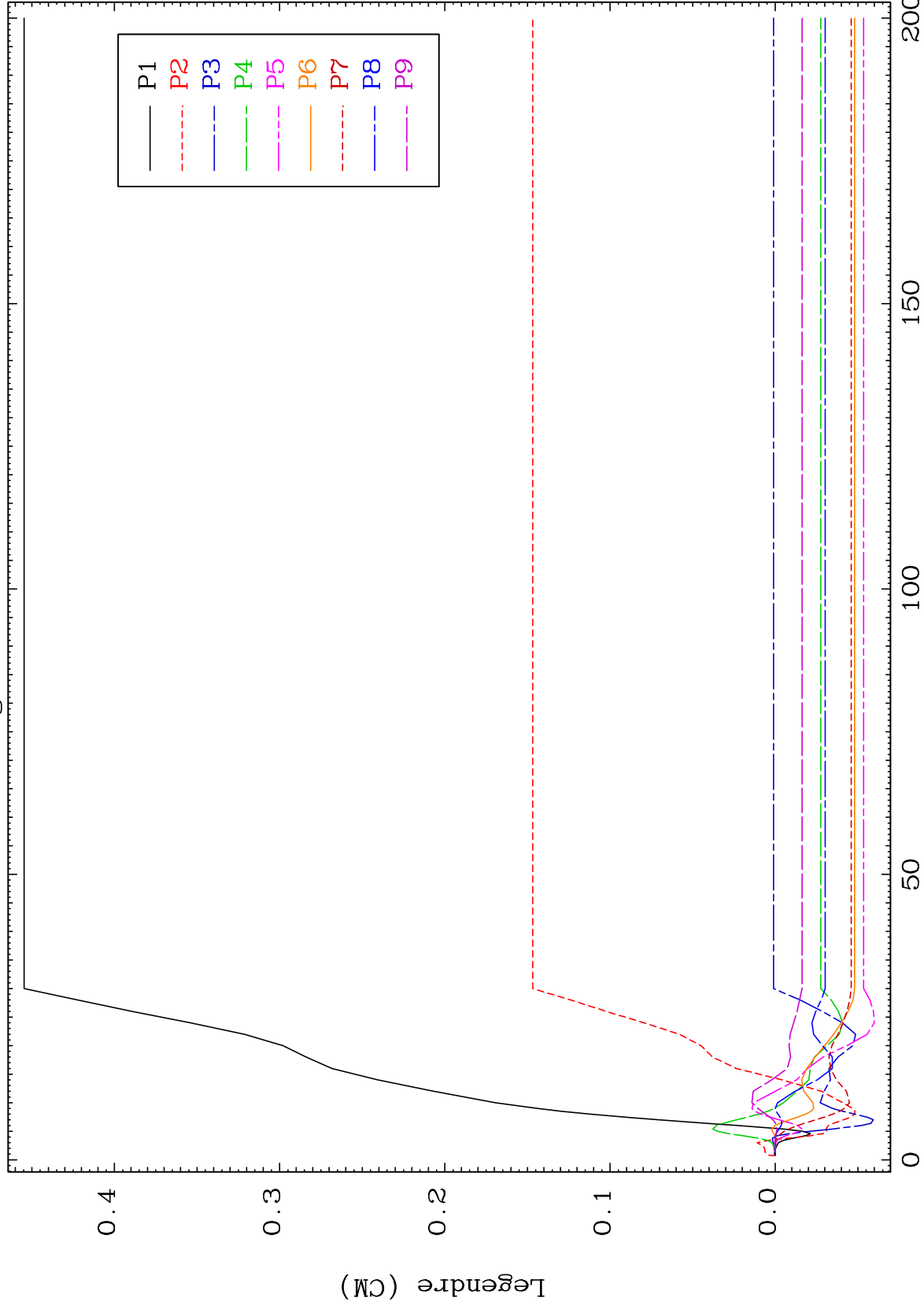




MAT 4876

704.9 keV (n, n') Level
Legendre Coefficients

48-Cd-123



58

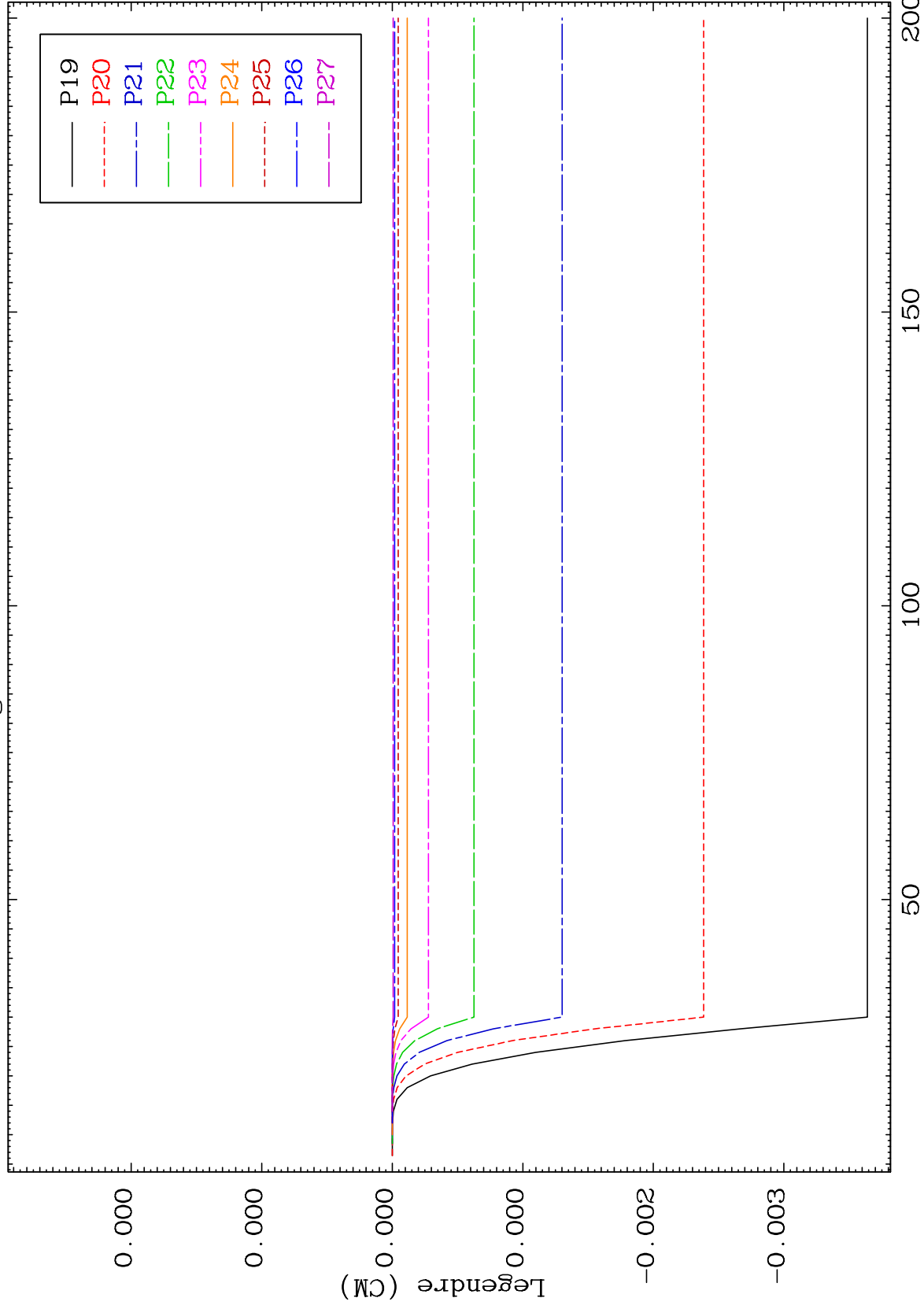
Incident Energy (MeV)

48-Cd-123

MAT 4876

704.9 keV (n, n') Level
Legendre Coefficients

48-Cd-123



60

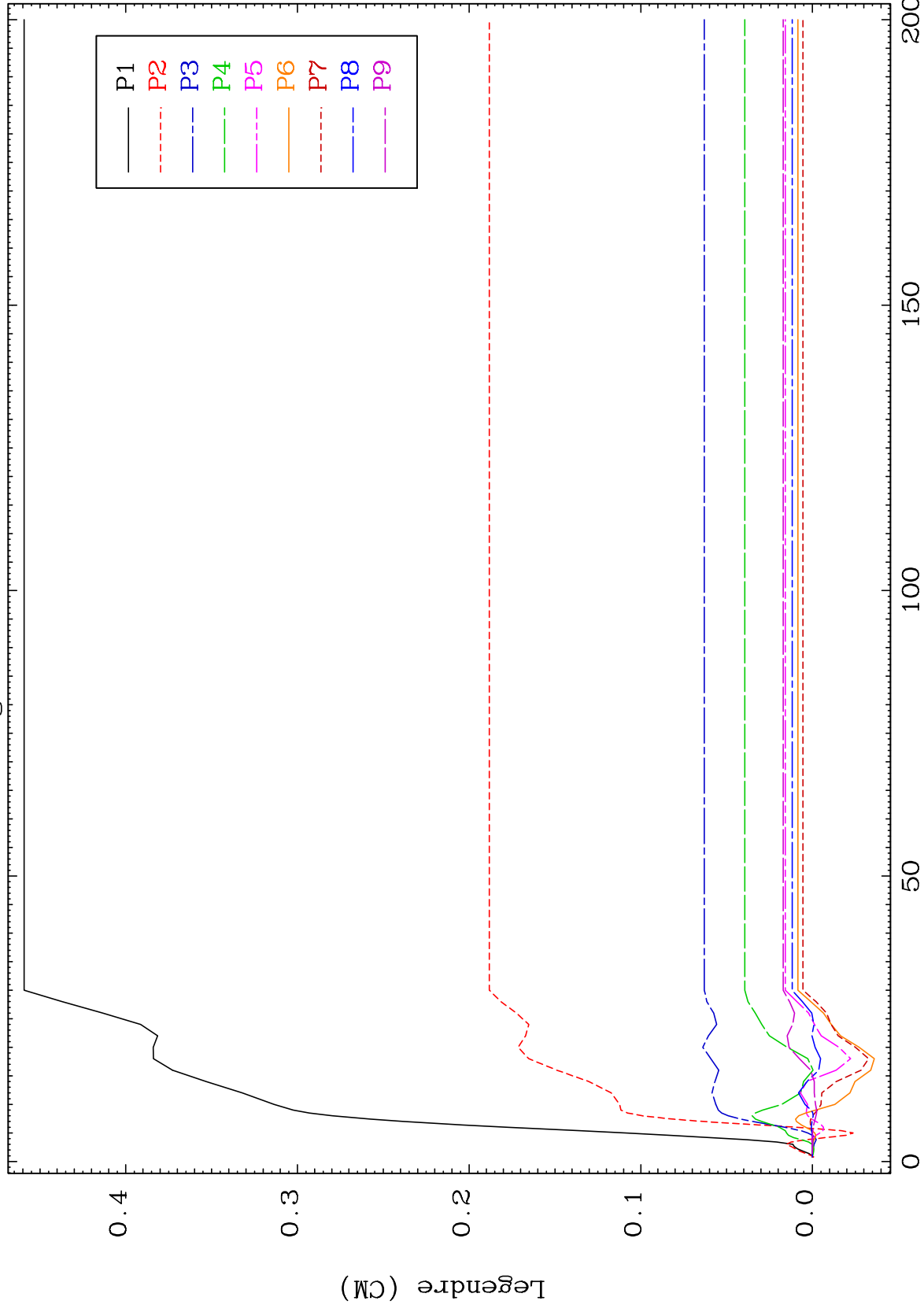
Incident Energy (MeV)

48-Cd-123

MAT 4876

743.7 keV (n,n') Level
Legendre Coefficients

48-Cd-123



62

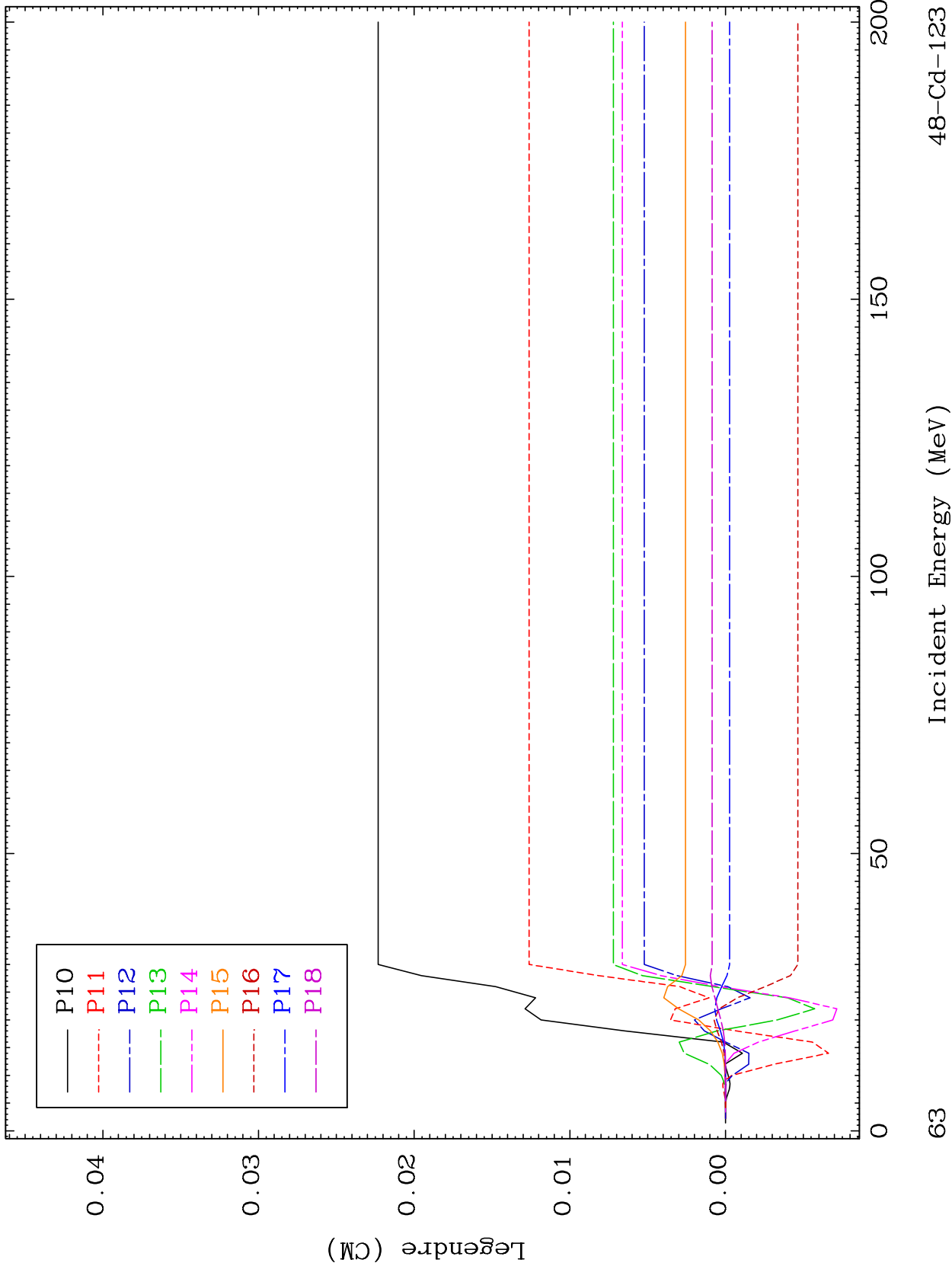
Incident Energy (MeV)

48-Cd-123

MAT 4876

743.7 keV (n,n') Level
Legendre Coefficients

48-Cd-123



48-Cd-123

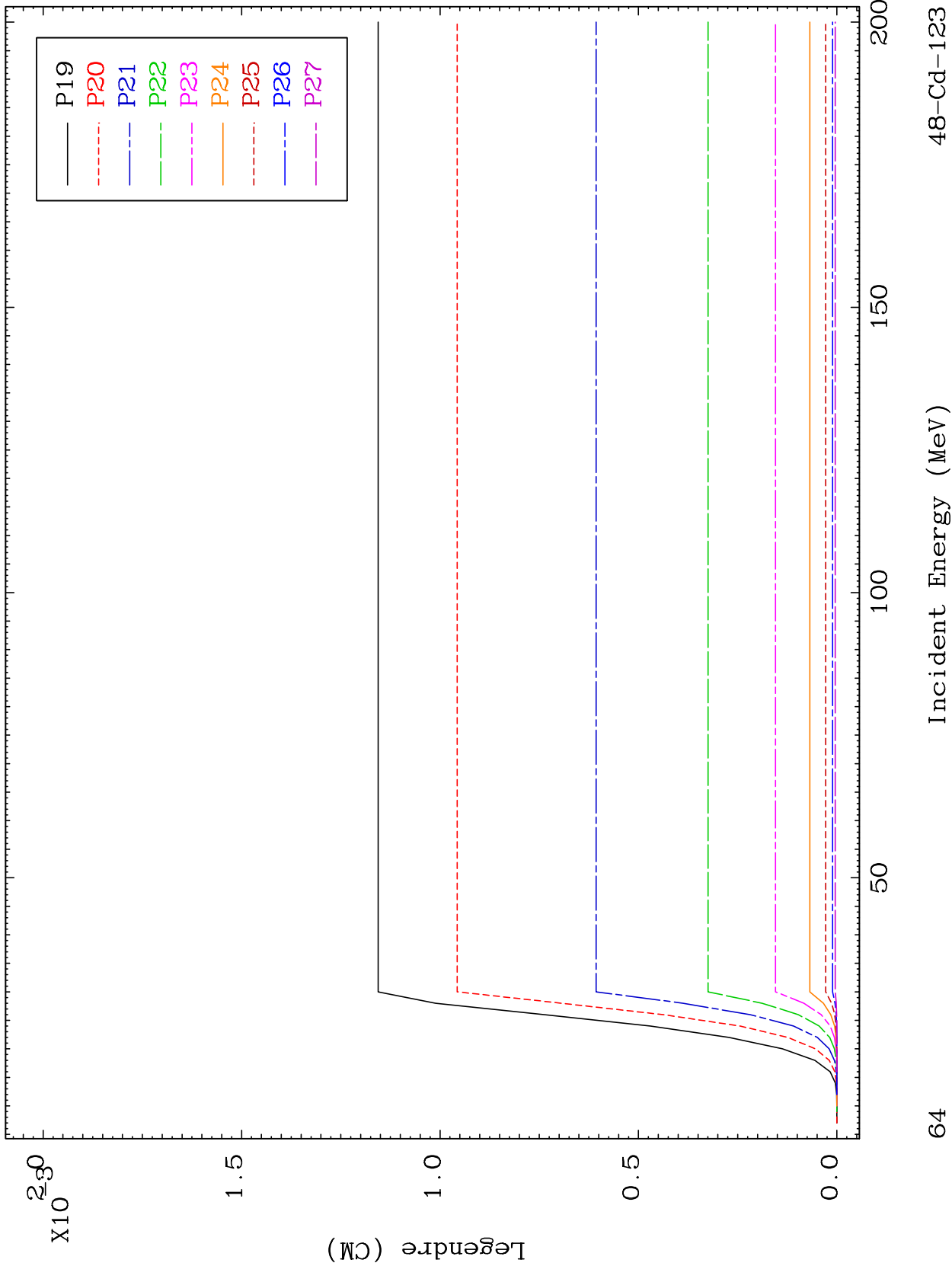
Incident Energy (MeV)

63

MAT 4876

743.7 keV (n,n') Level
Legendre Coefficients

48-Cd-123



64

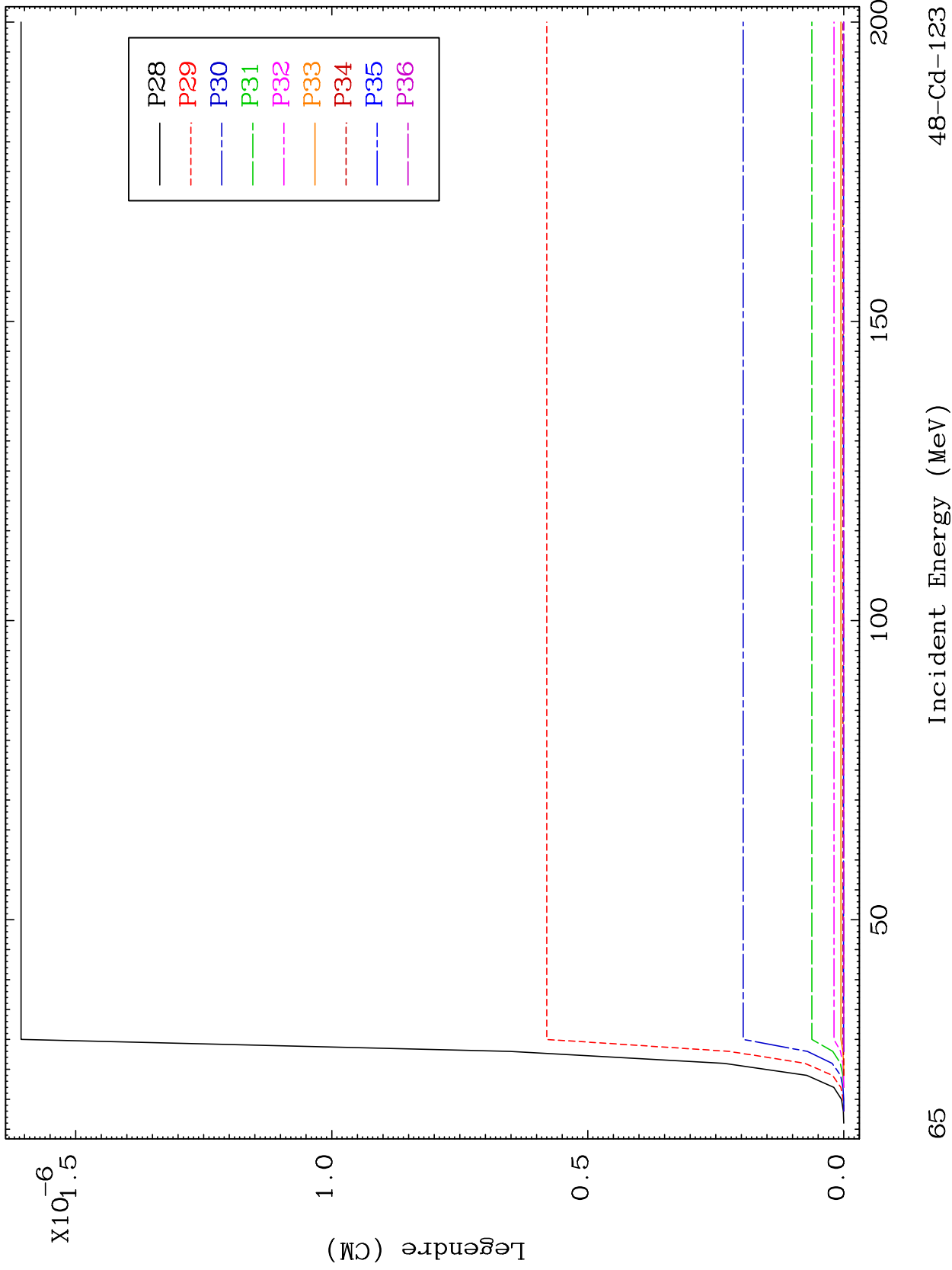
Incident Energy (MeV)

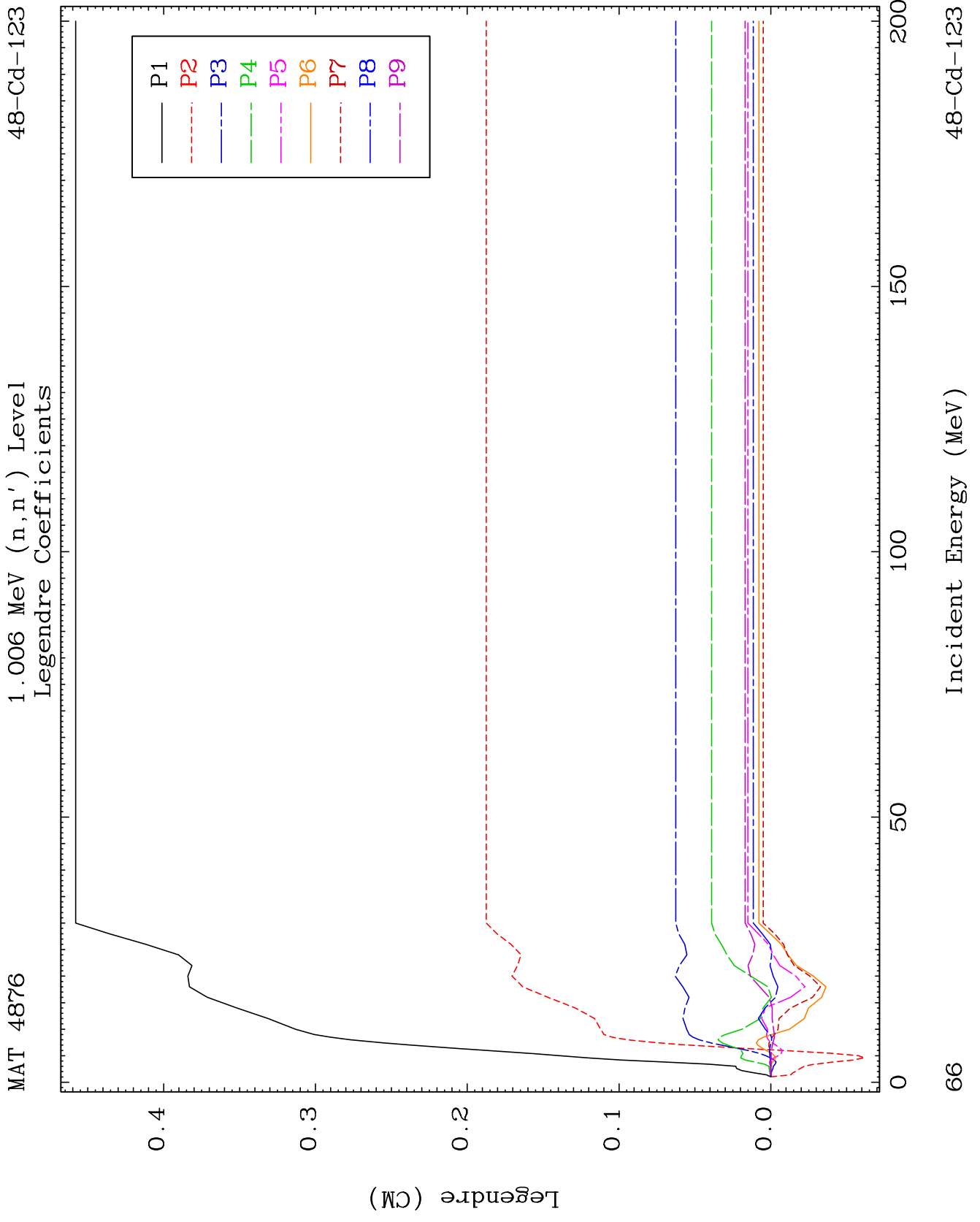
48-Cd-123

MAT 4876

743.7 keV (n,n') Level
Legendre Coefficients

48-Cd-123

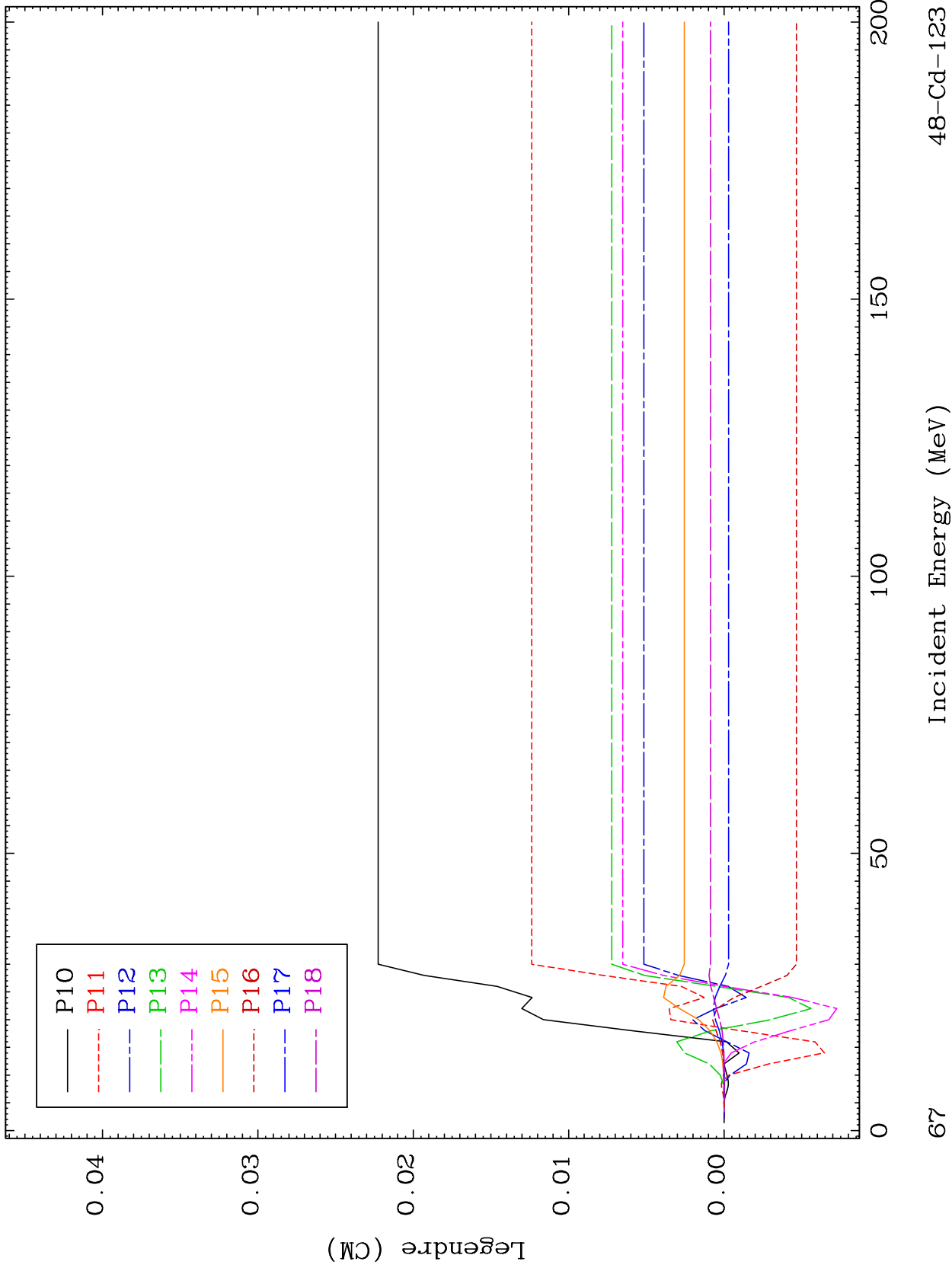




MAT 4876

1.006 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



48-Cd-123

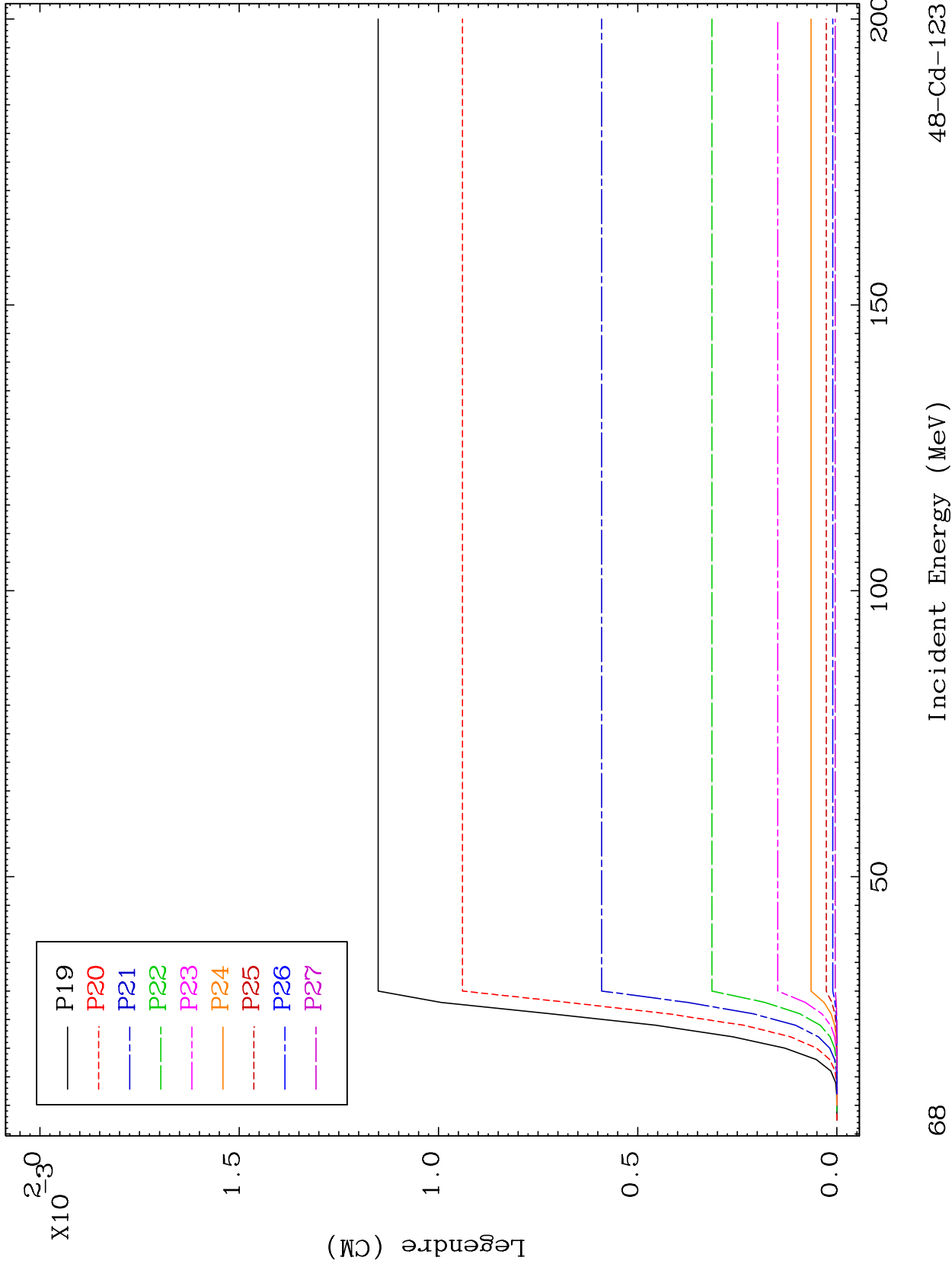
Incident Energy (MeV)

67

MAT 4876

1.006 MeV (n,n') Level
Legendre Coefficients

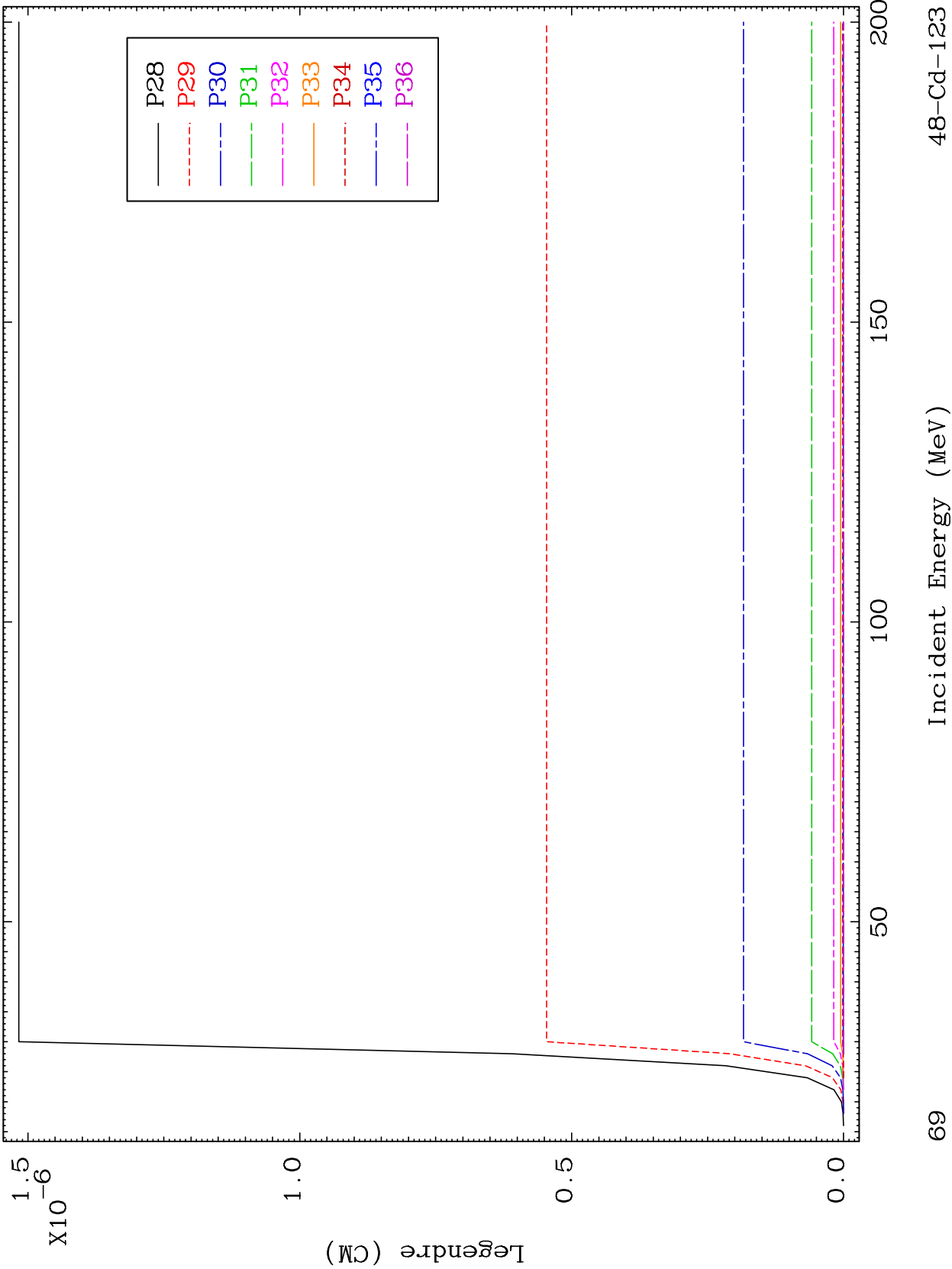
48-Cd-123



MAT 4876

1.006 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



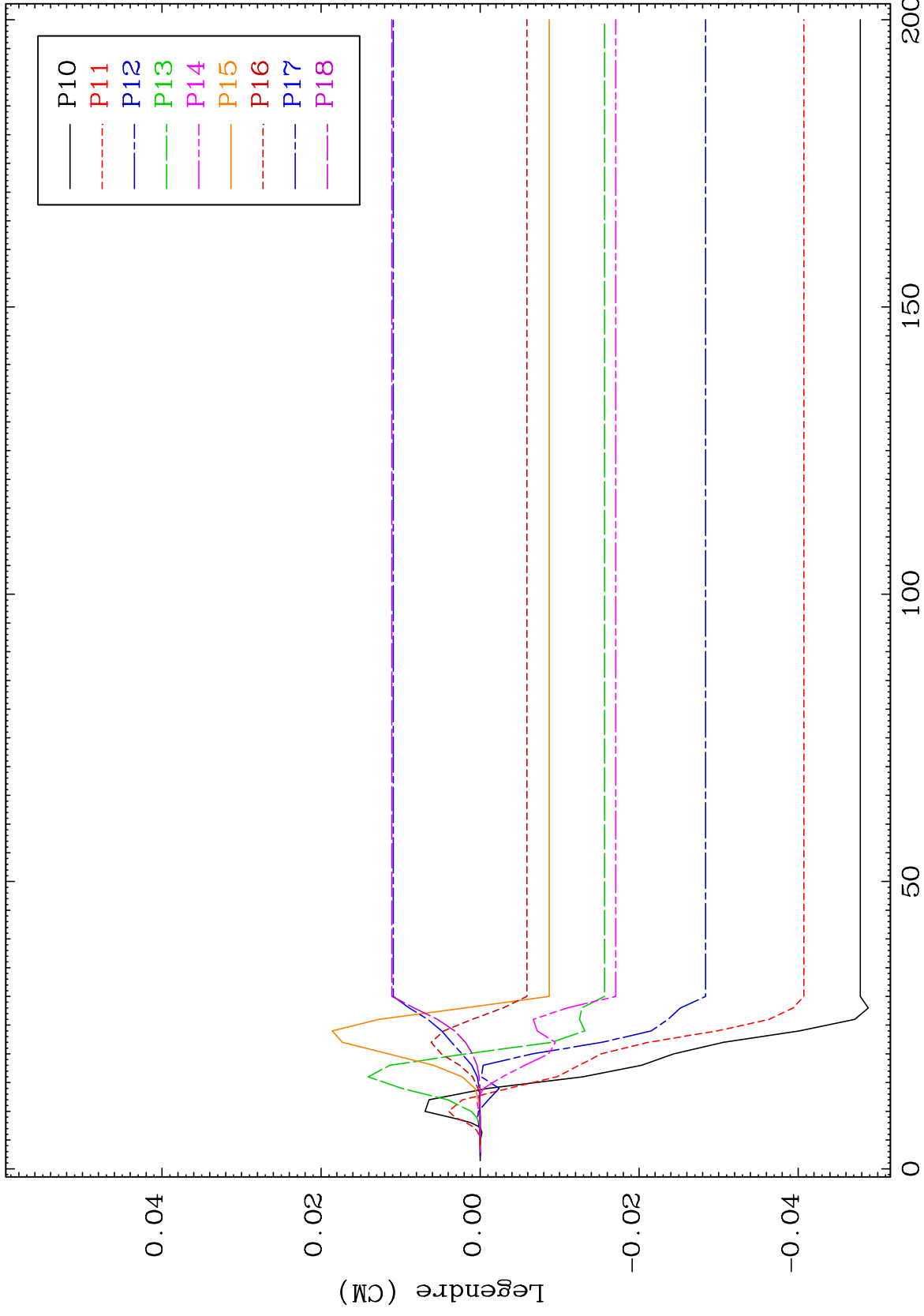
69

48-Cd-123

MAT 4876

1.010 MeV (n,n') Level
Legendre Coefficients

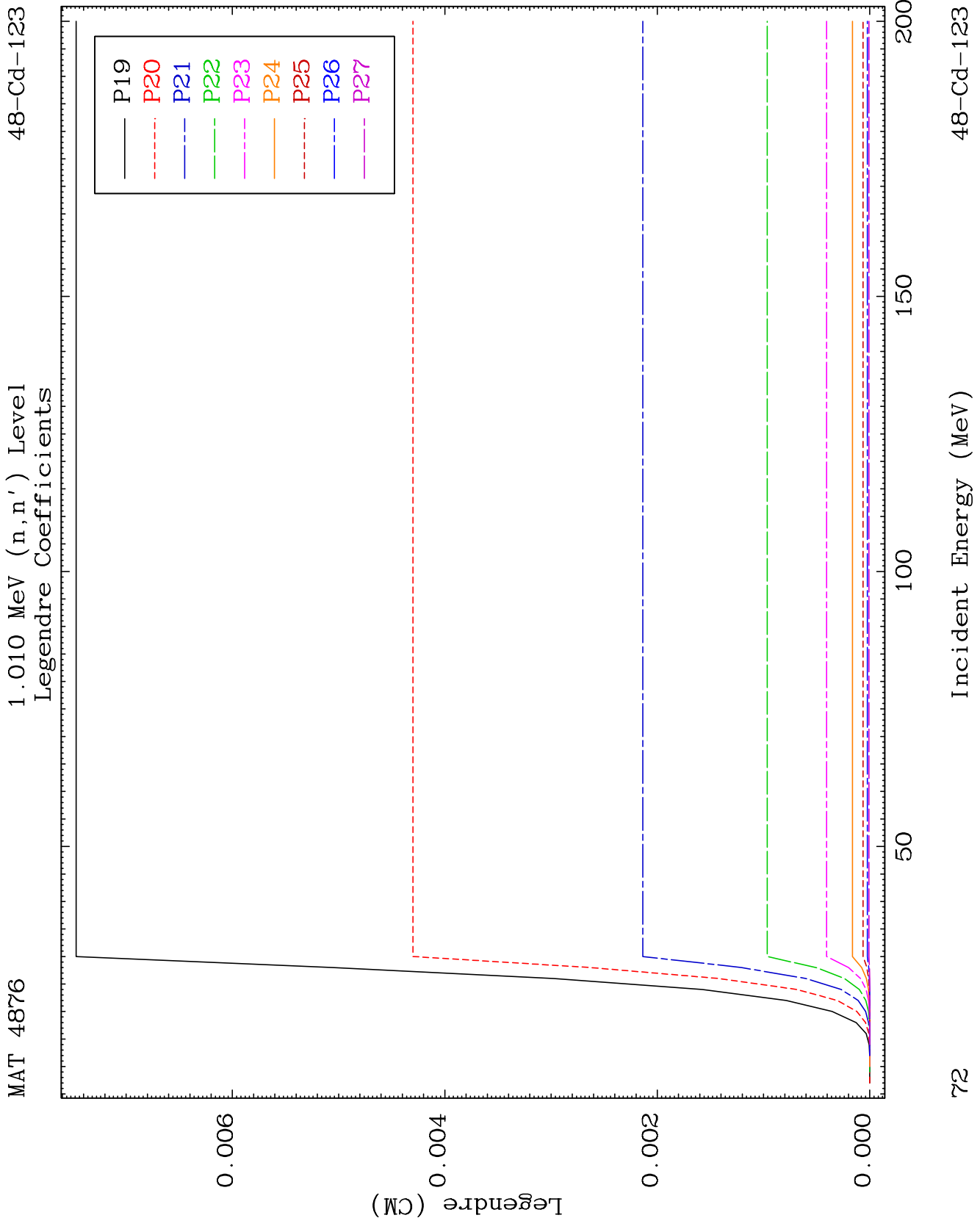
48-Cd-123

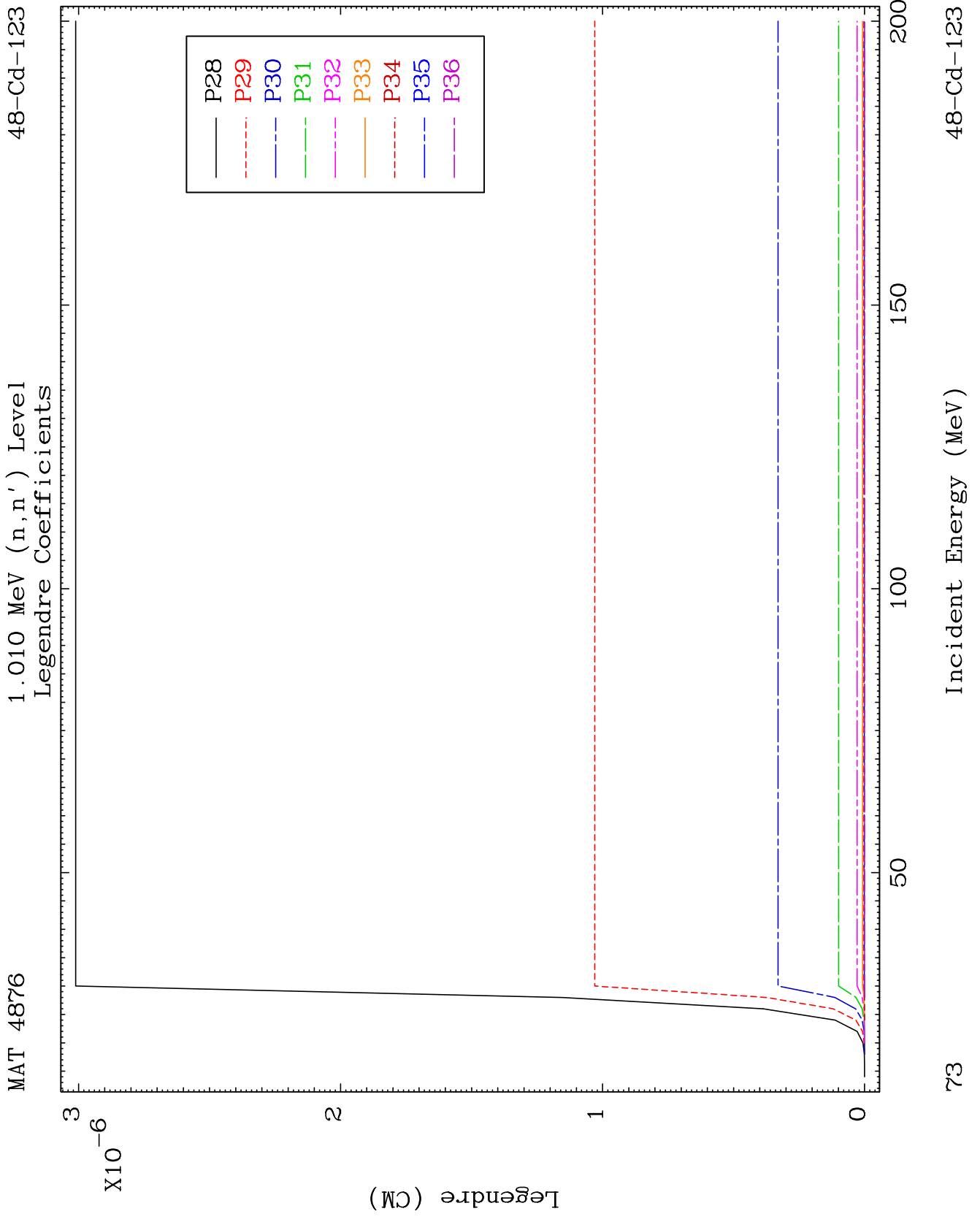


71

Incident Energy (MeV)

48-Cd-123

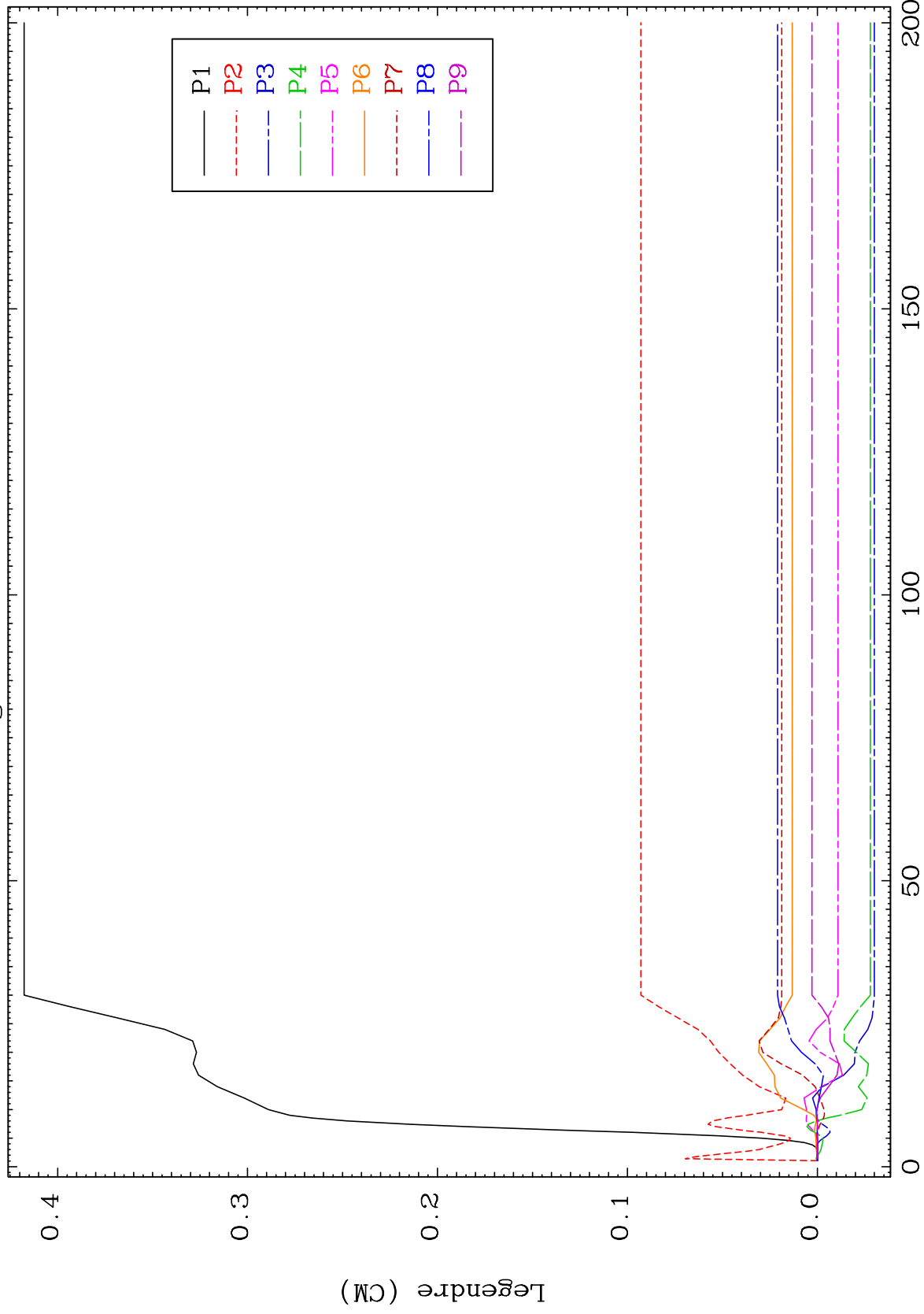




MAT 4876

1.039 MeV (n,n') Level
Legendre Coefficients

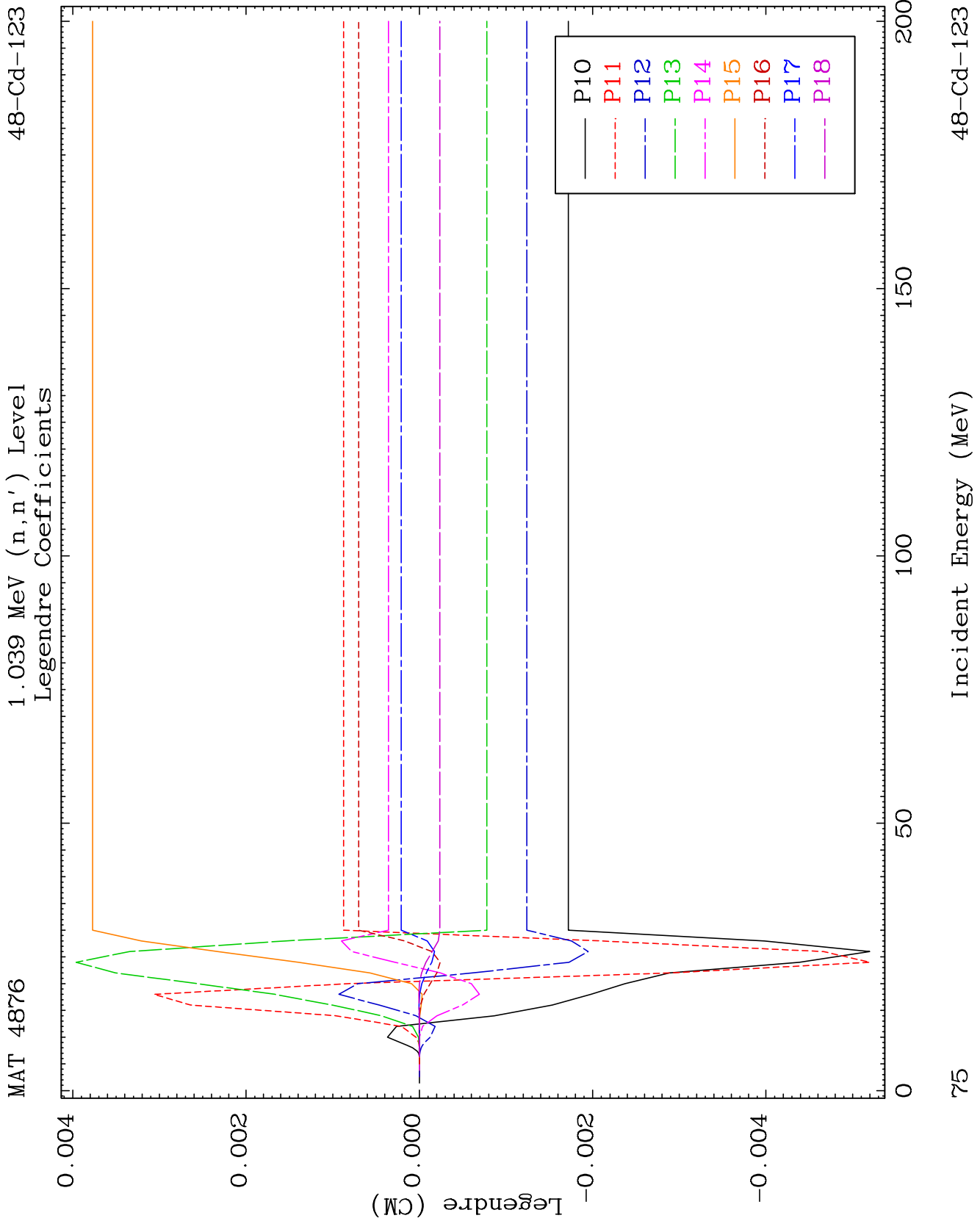
48-Cd-123

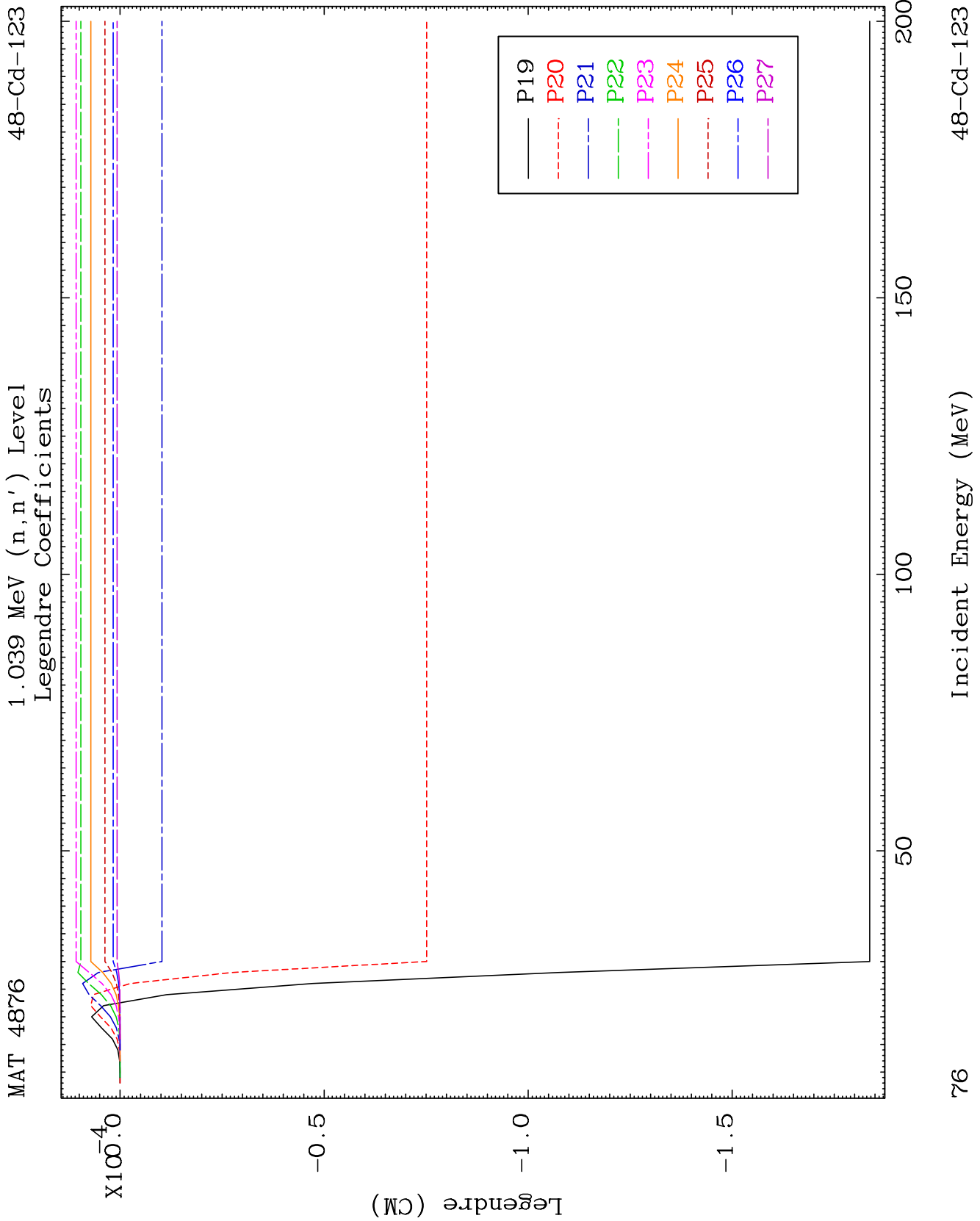


74

Incident Energy (MeV)

48-Cd-123

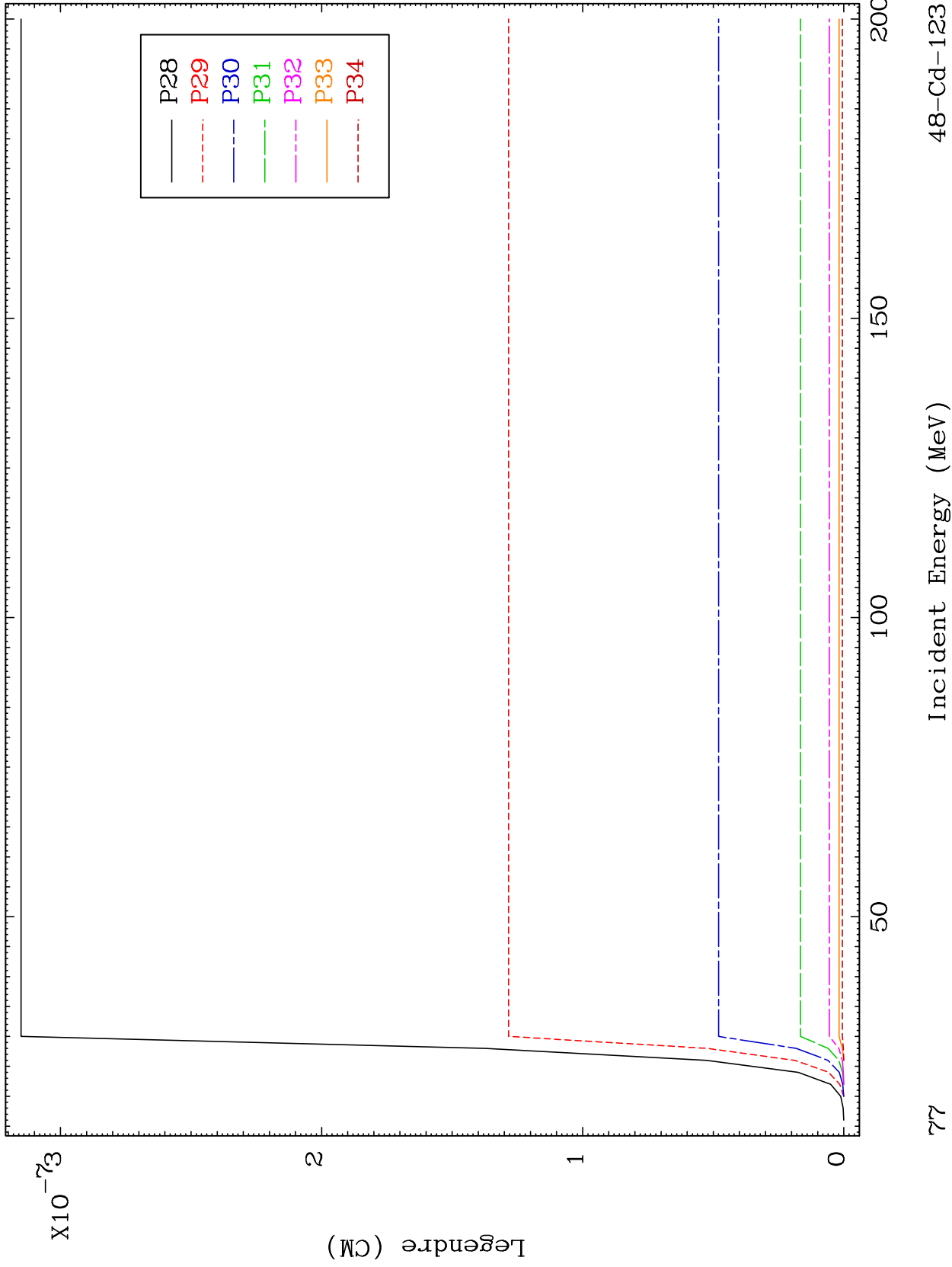




MAT 4876

1.039 MeV (n,n') Level
Legendre Coefficients

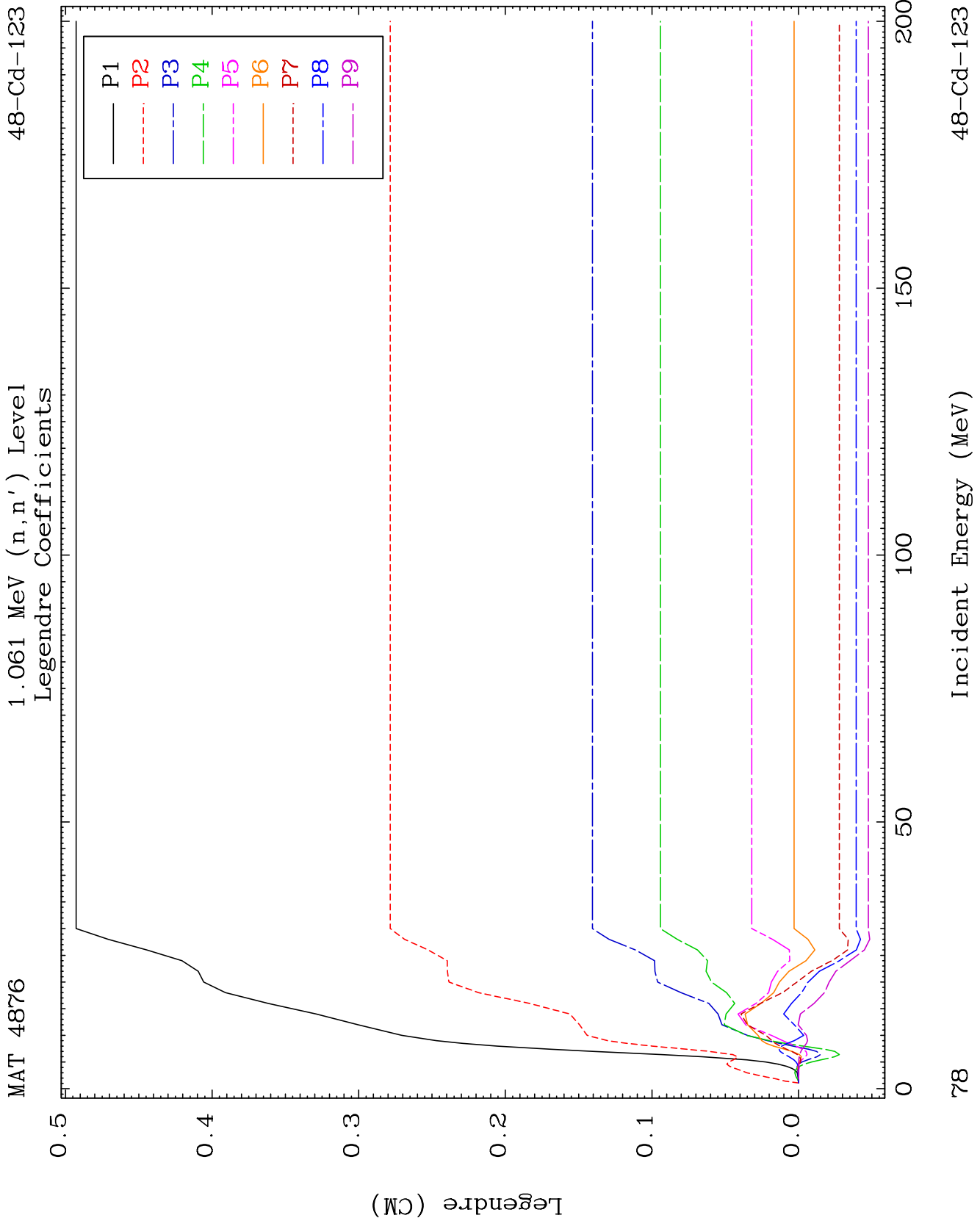
48-Cd-123



77

Incident Energy (MeV)

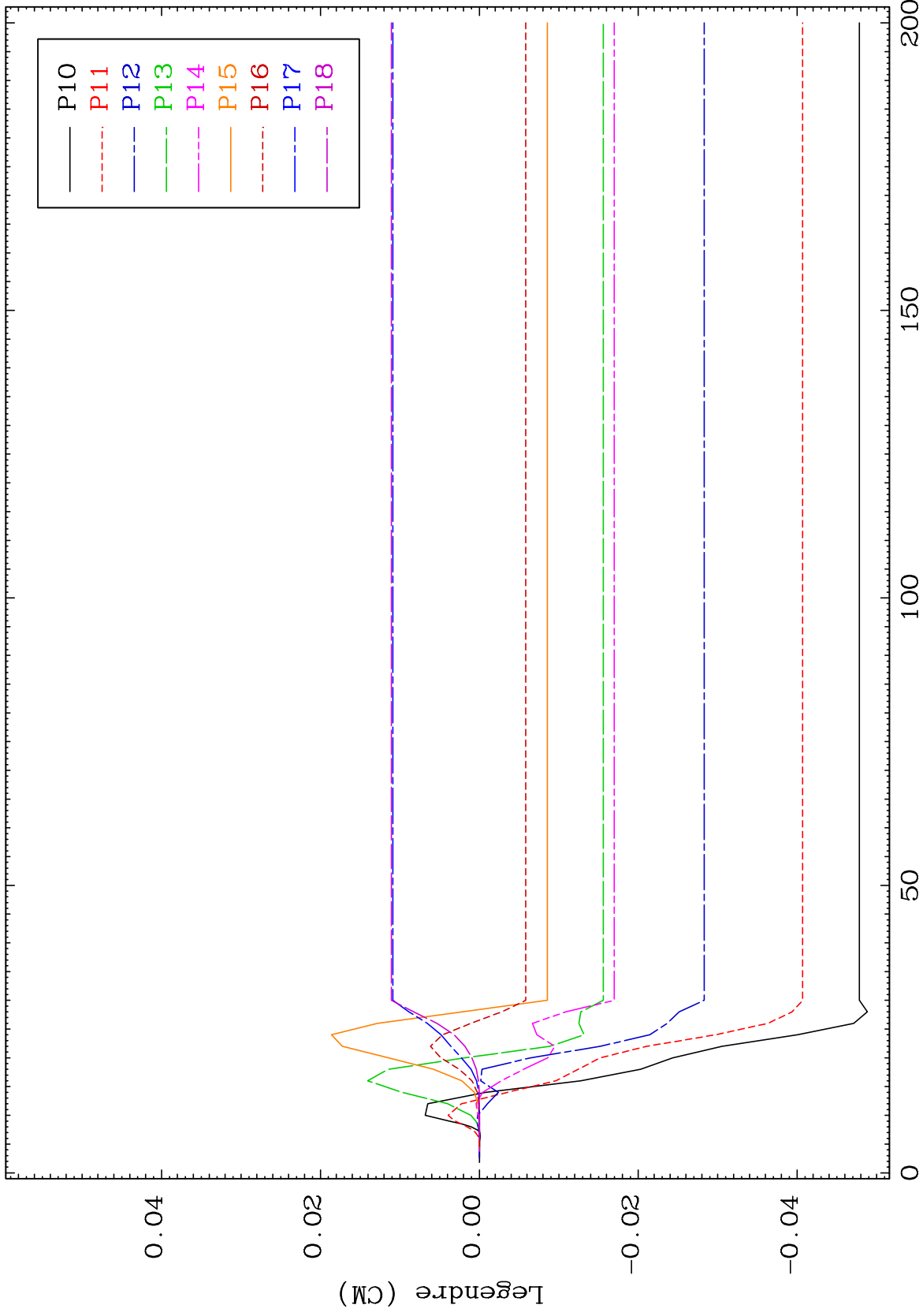
48-Cd-123



MAT 4876

1.061 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



79

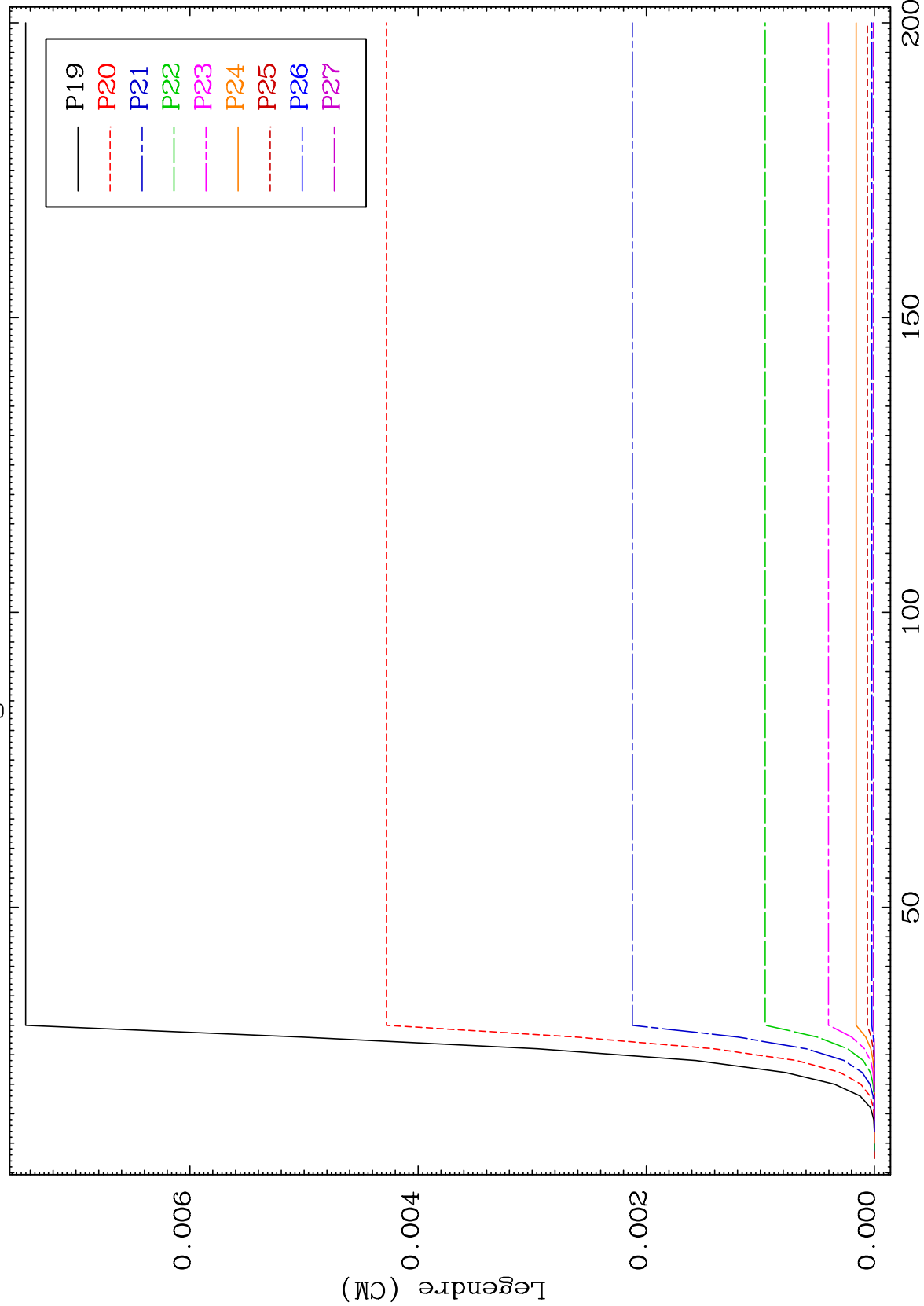
Incident Energy (MeV)

48-Cd-123

MAT 4876

1.061 MeV (n,n') Level Legendre Coefficients

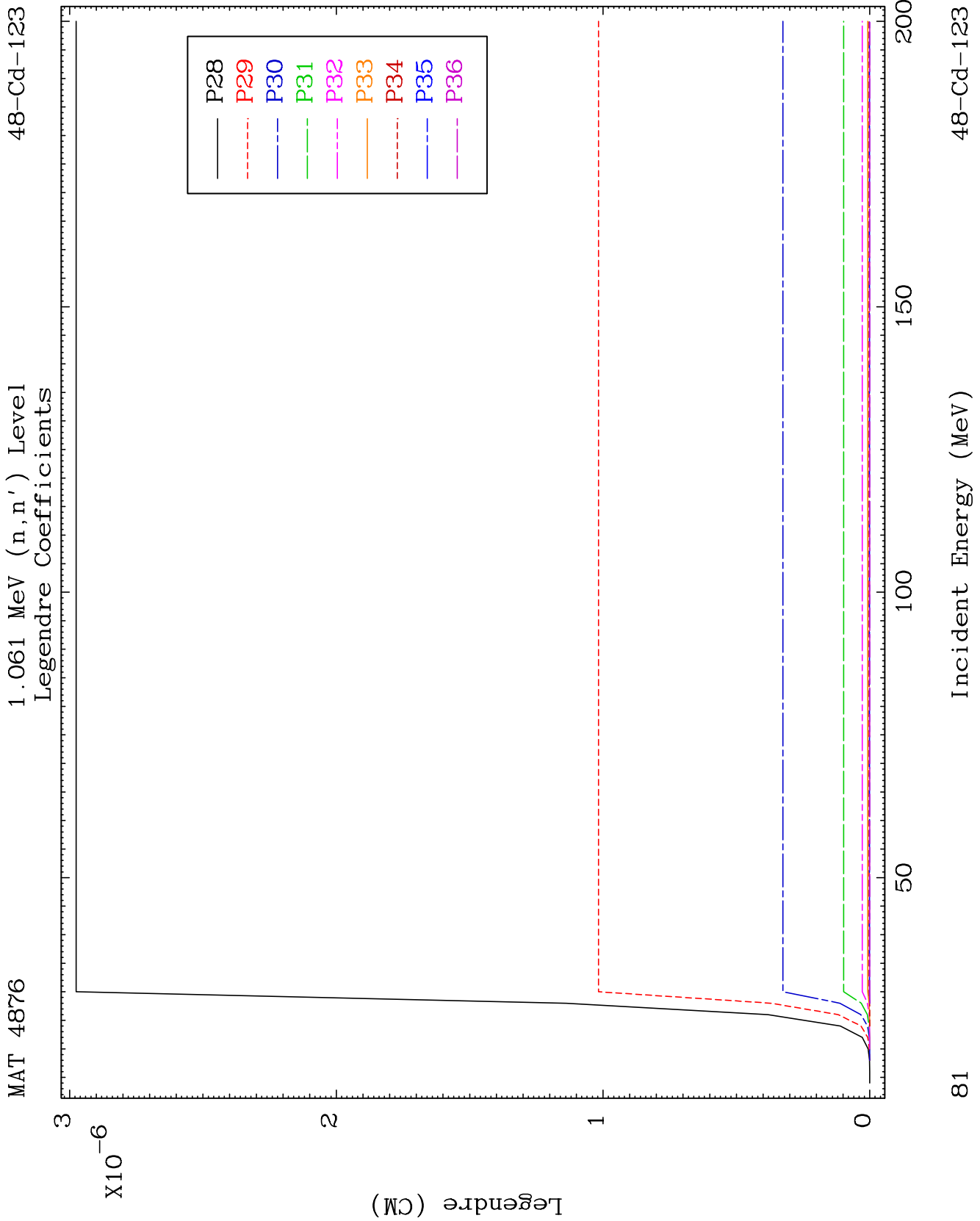
48-Cd-123

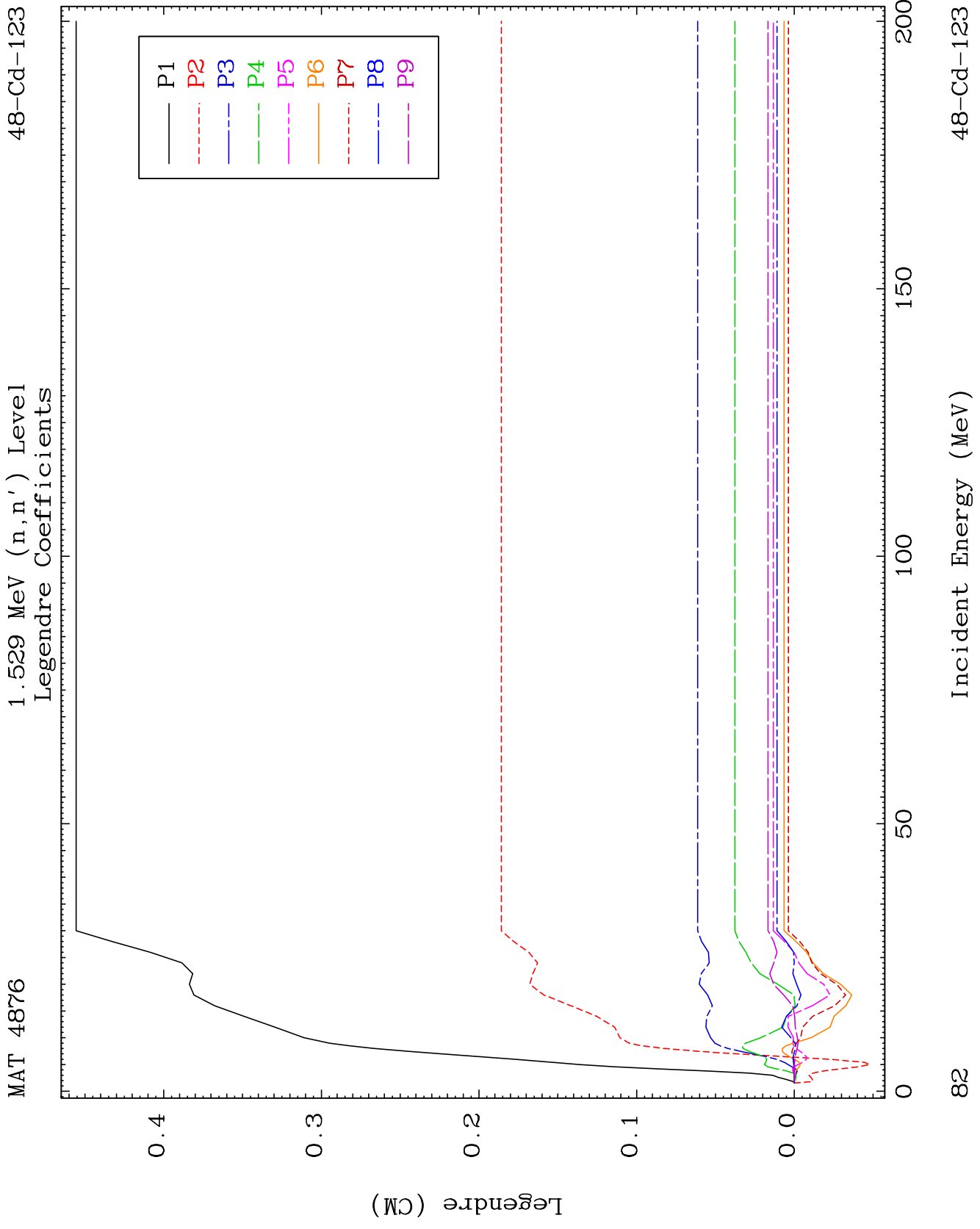


48-Cd-123

Incident Energy (MeV)

80

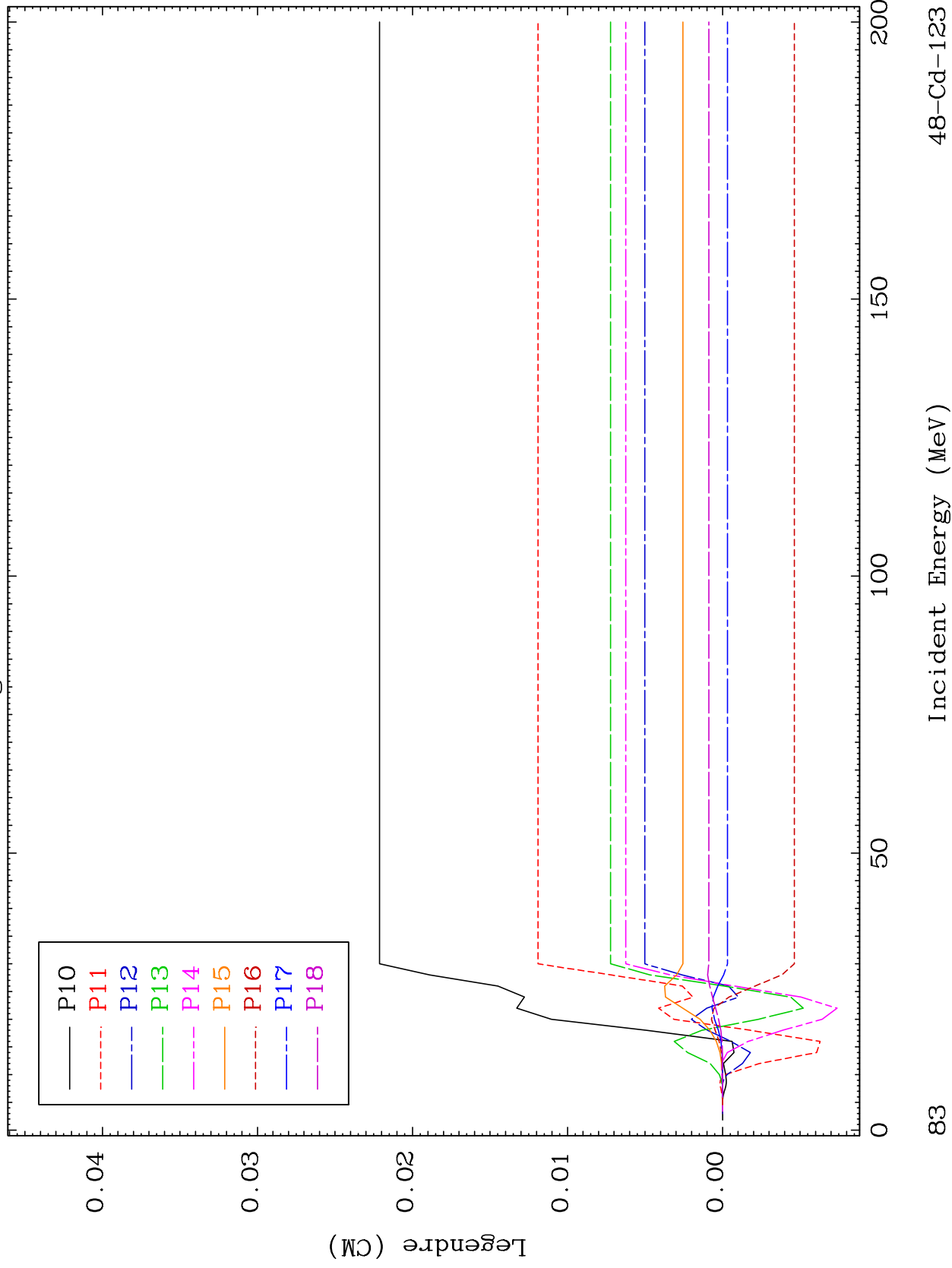




MAT 4876

1.529 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



83

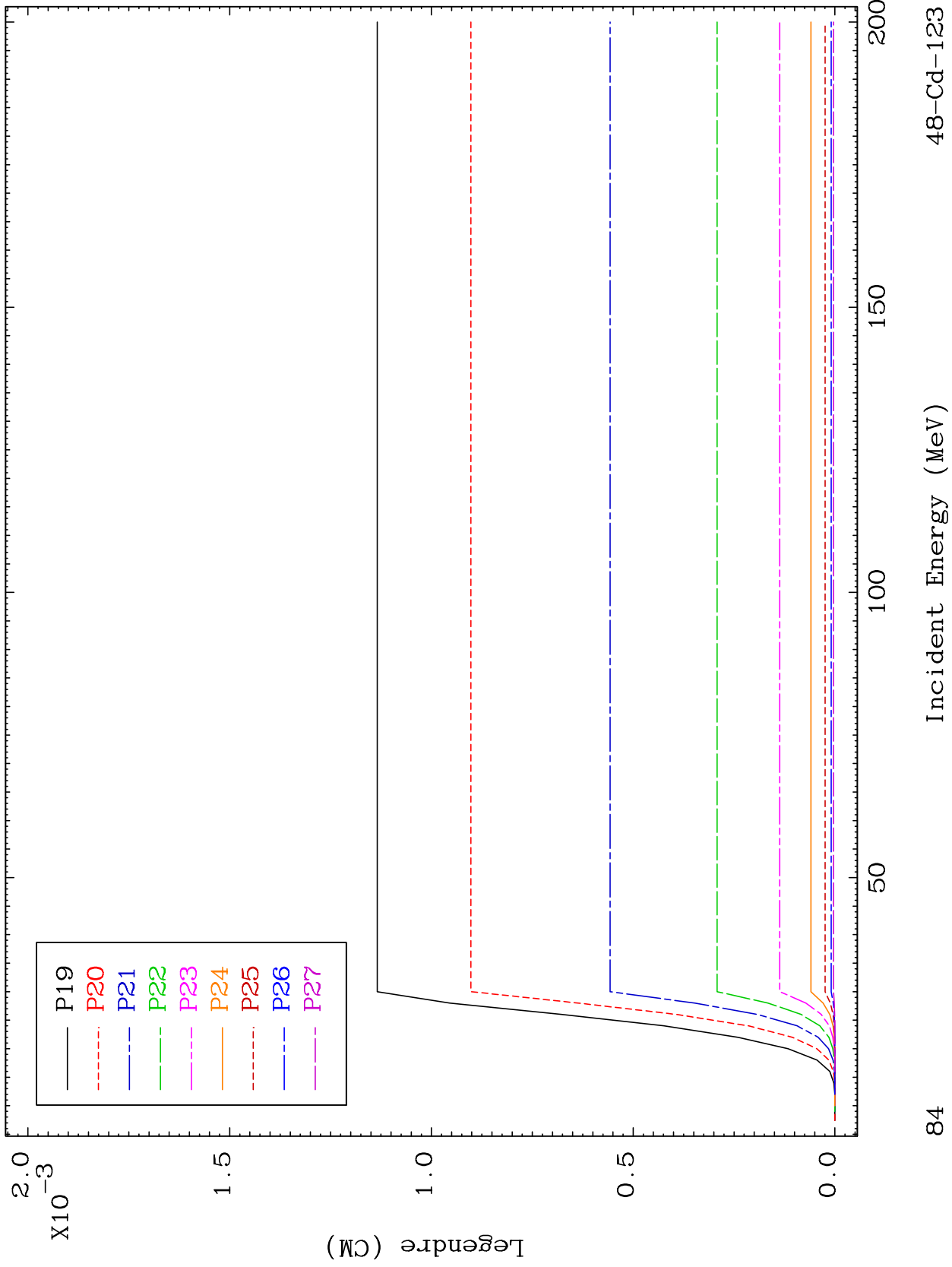
Incident Energy (MeV)

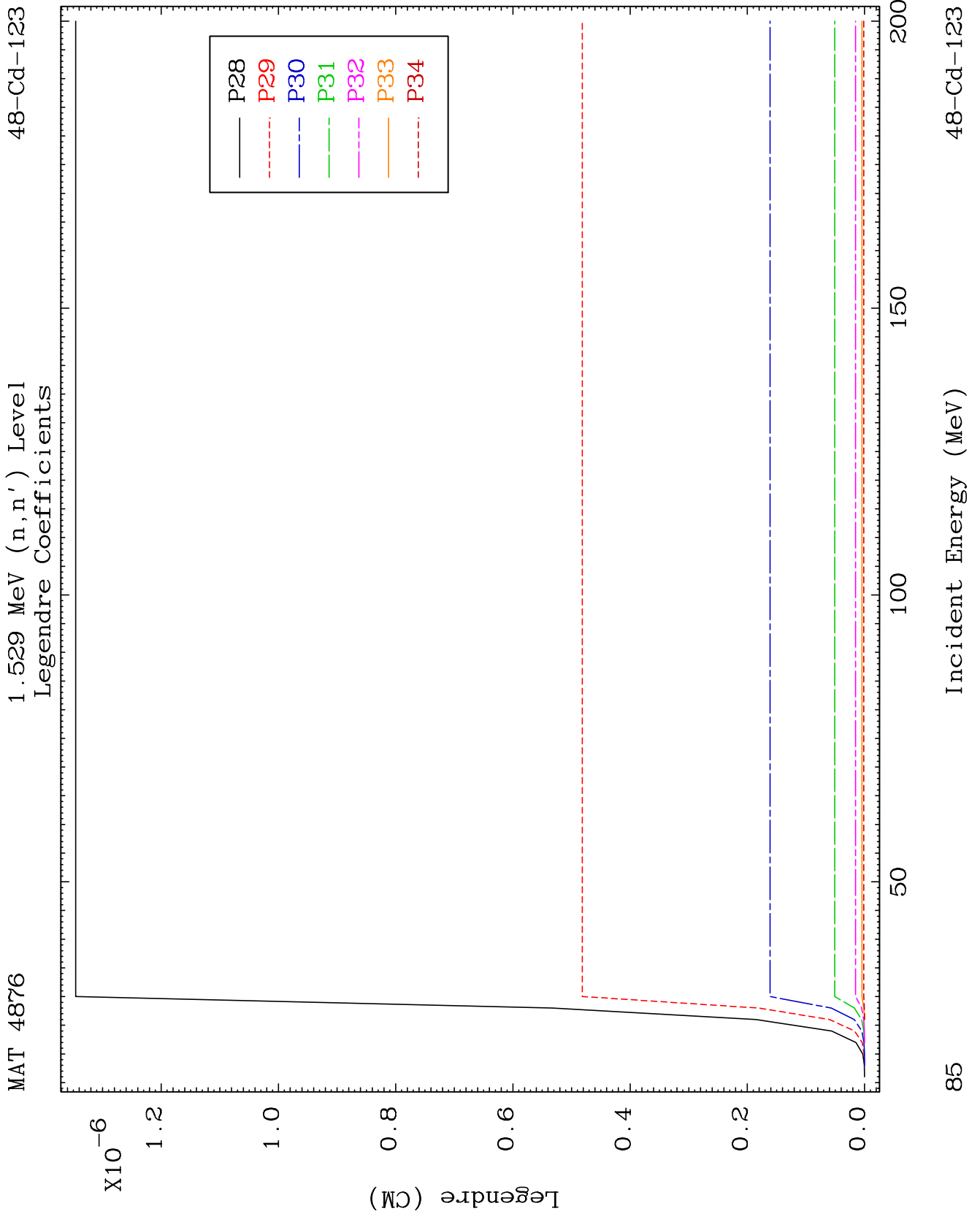
48-Cd-123

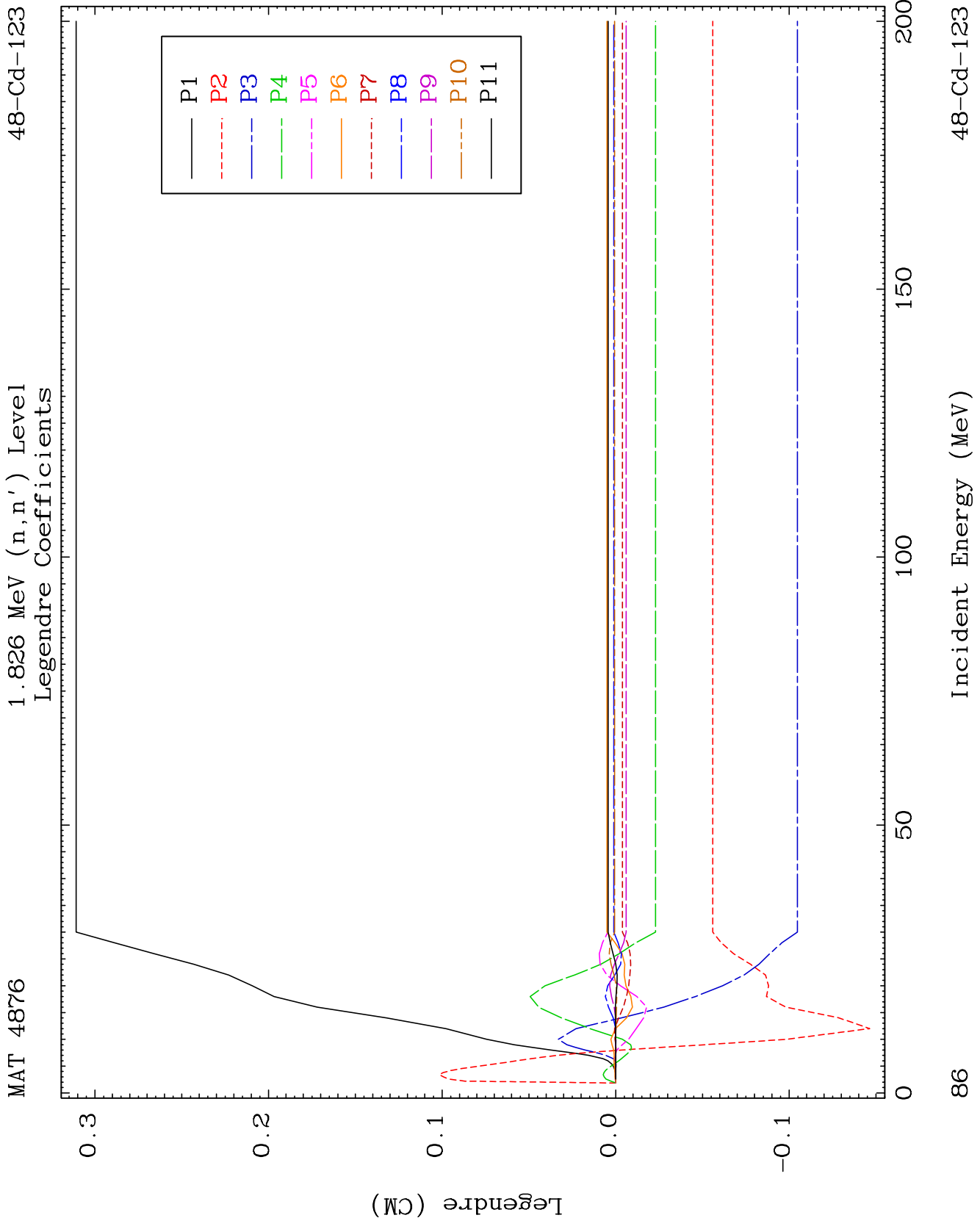
MAT 4876

1.529 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



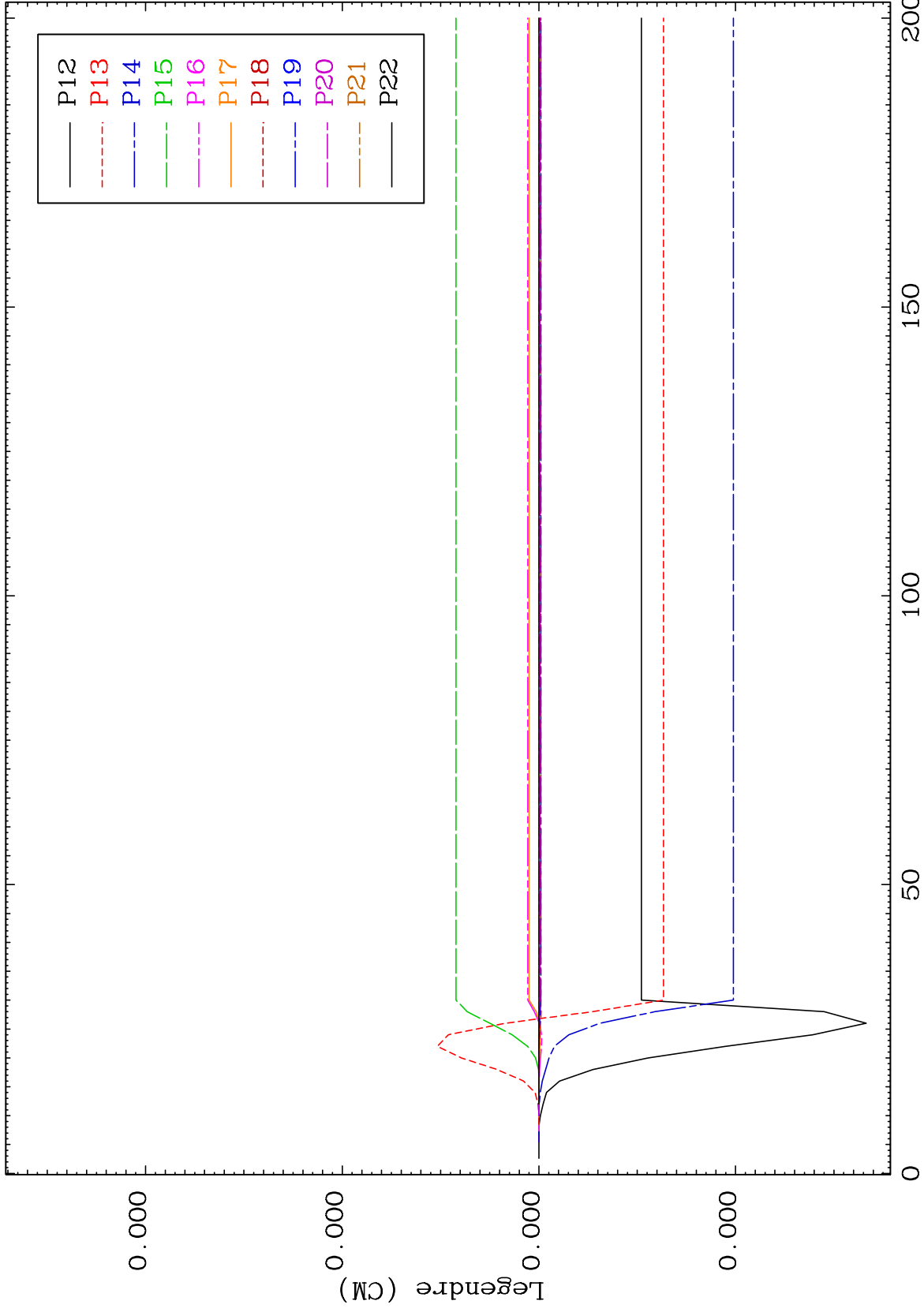




MAT 4876

1.826 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



87

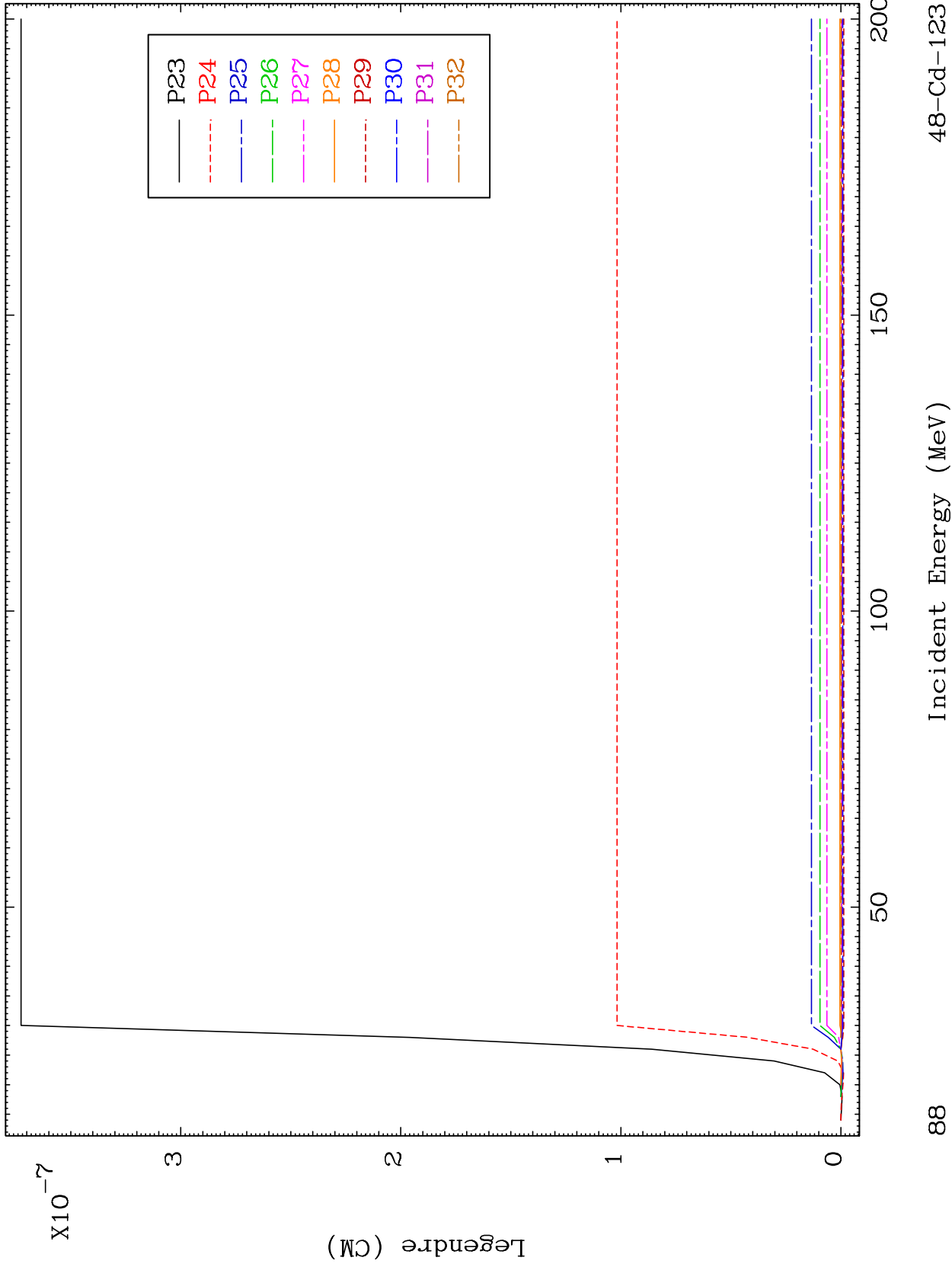
Incident Energy (MeV)

48-Cd-123

MAT 4876

1.826 MeV (n,n') Level
Legendre Coefficients

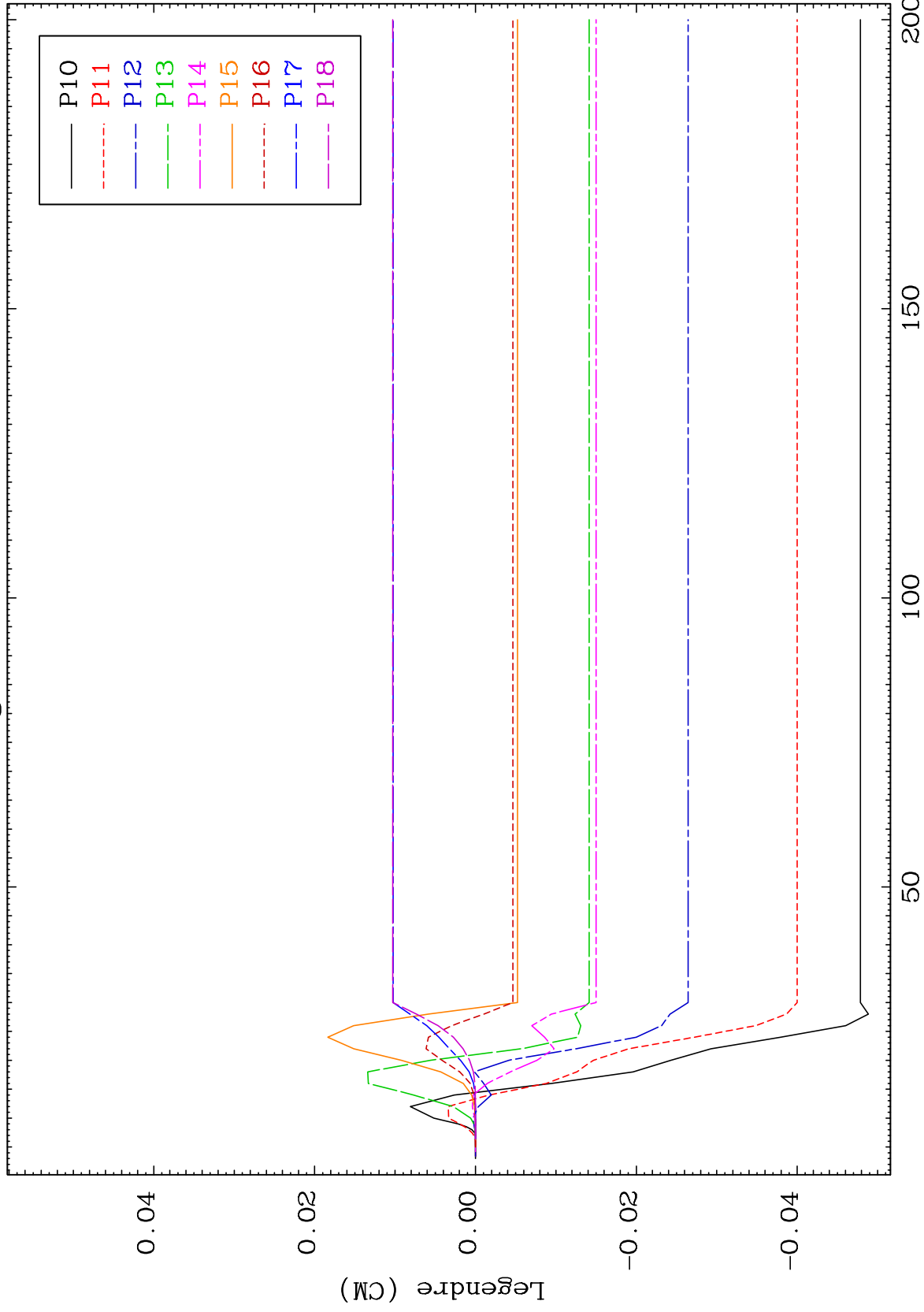
48-Cd-123



MAT 4876

2.240 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



90

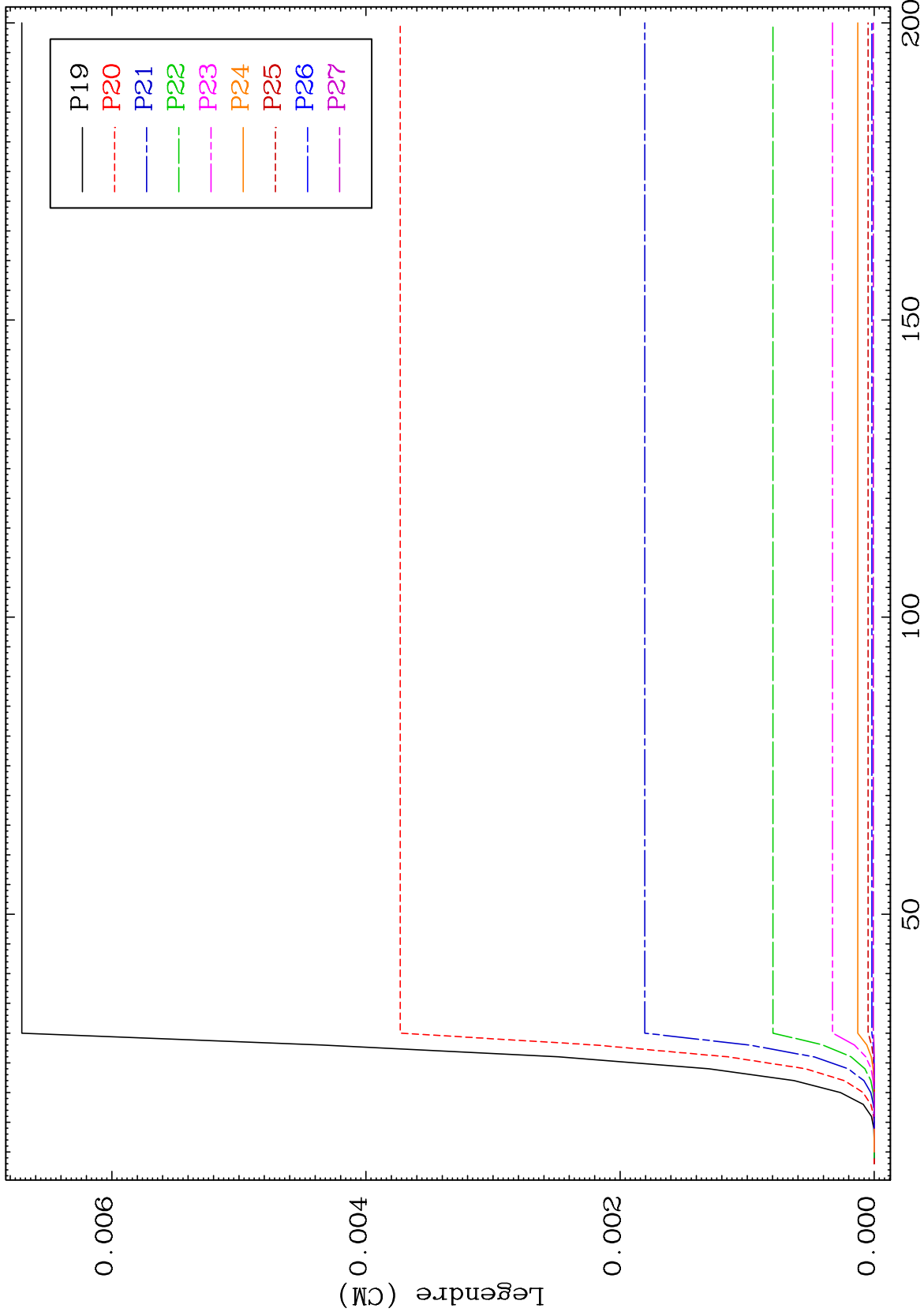
Incident Energy (MeV)

48-Cd-123

MAT 4876

2.240 MeV (n, n') Level
Legendre Coefficients

48-Cd-123



91

Incident Energy (MeV)

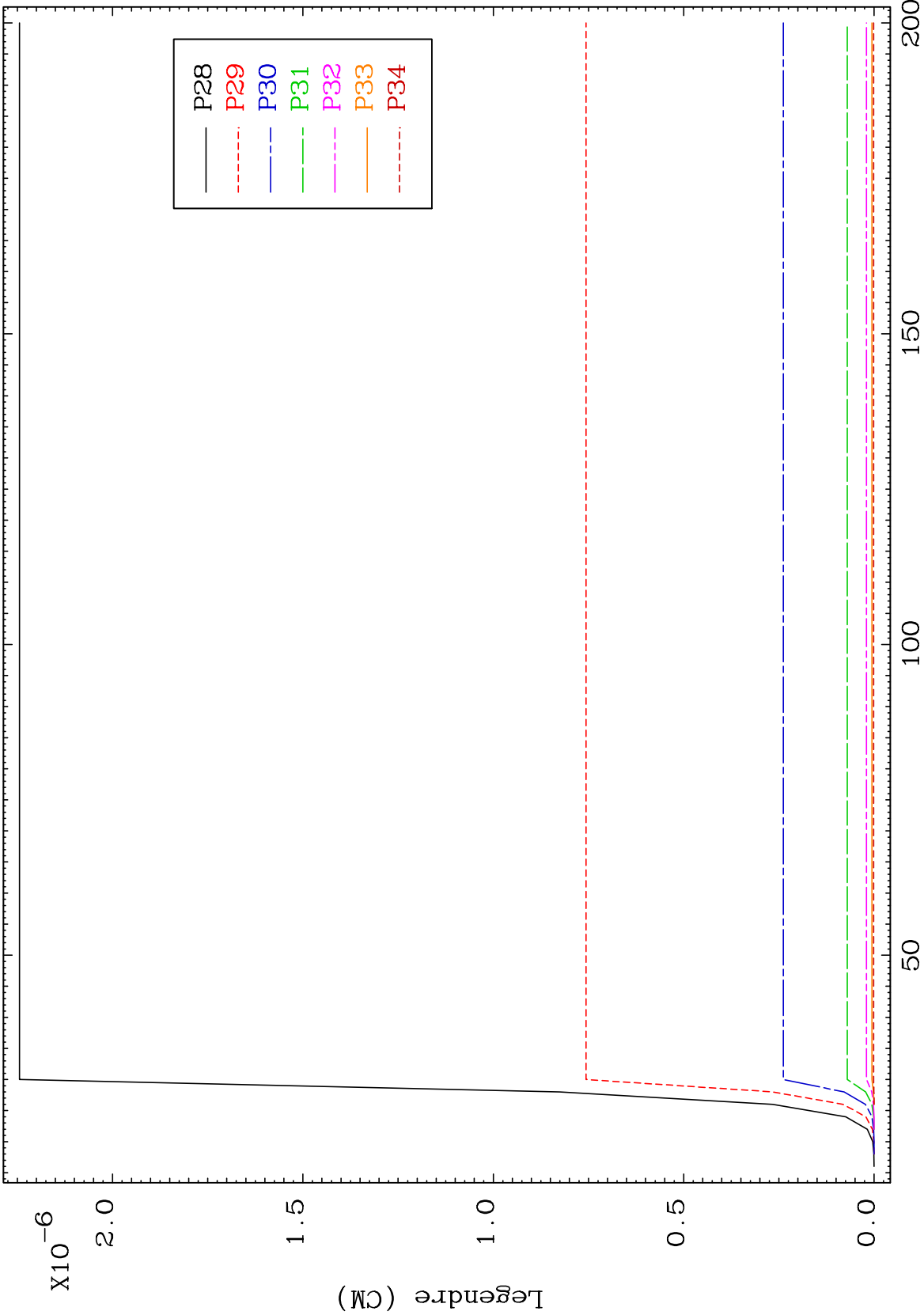
48-Cd-123

MAT 4876

2.240 MeV (n,n') Level

48-Cd-123

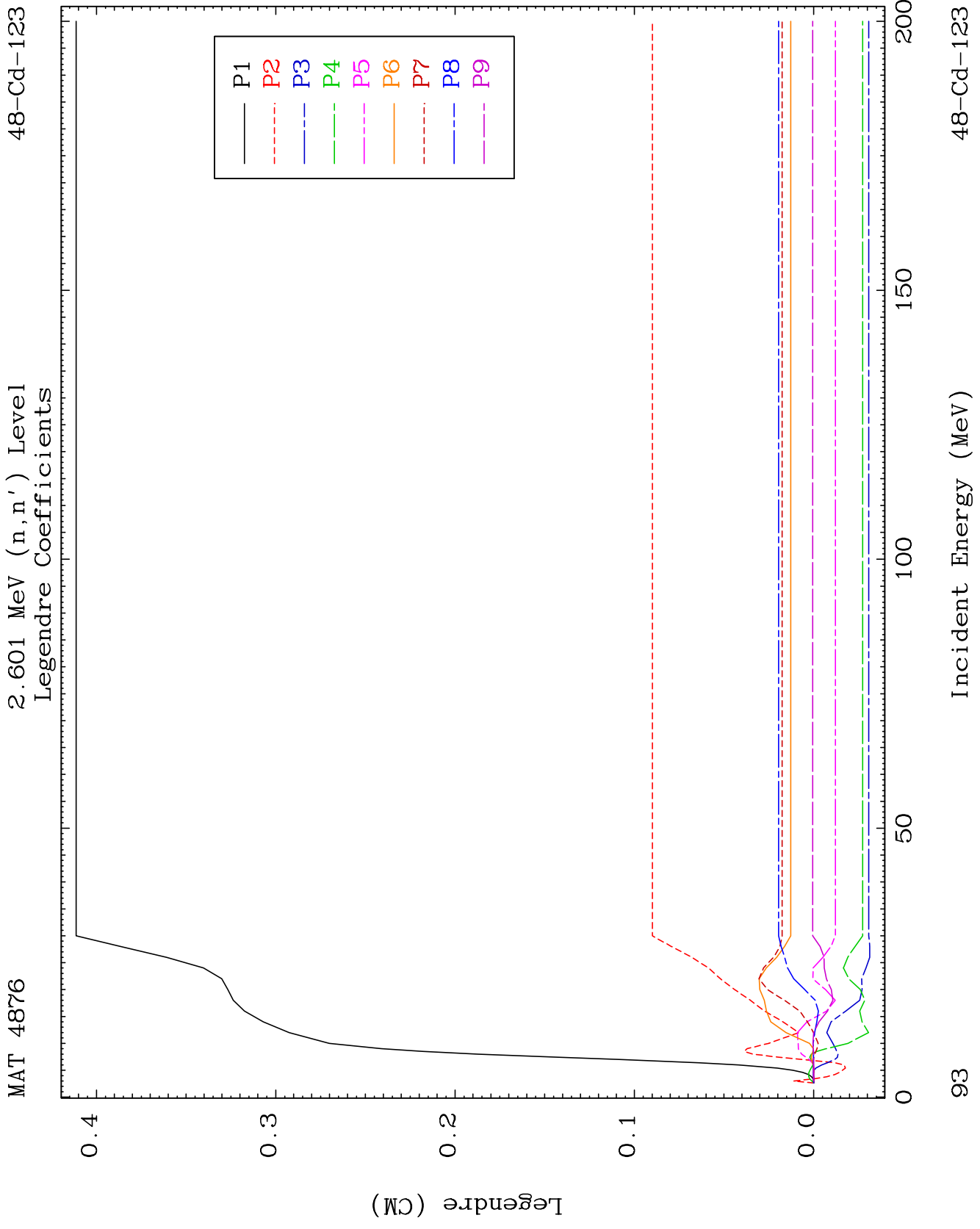
Legendre Coefficients

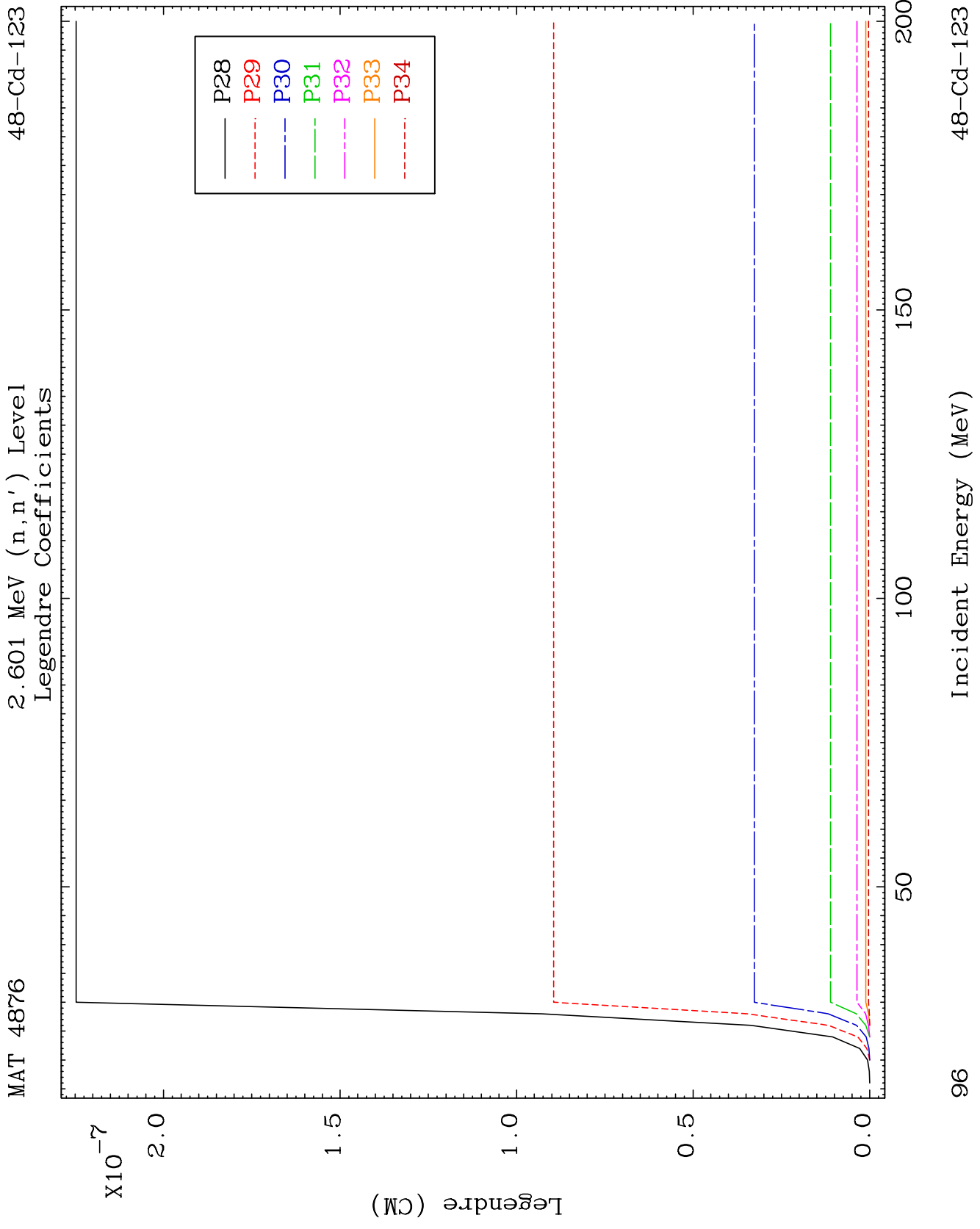


48-Cd-123

Incident Energy (MeV)

92

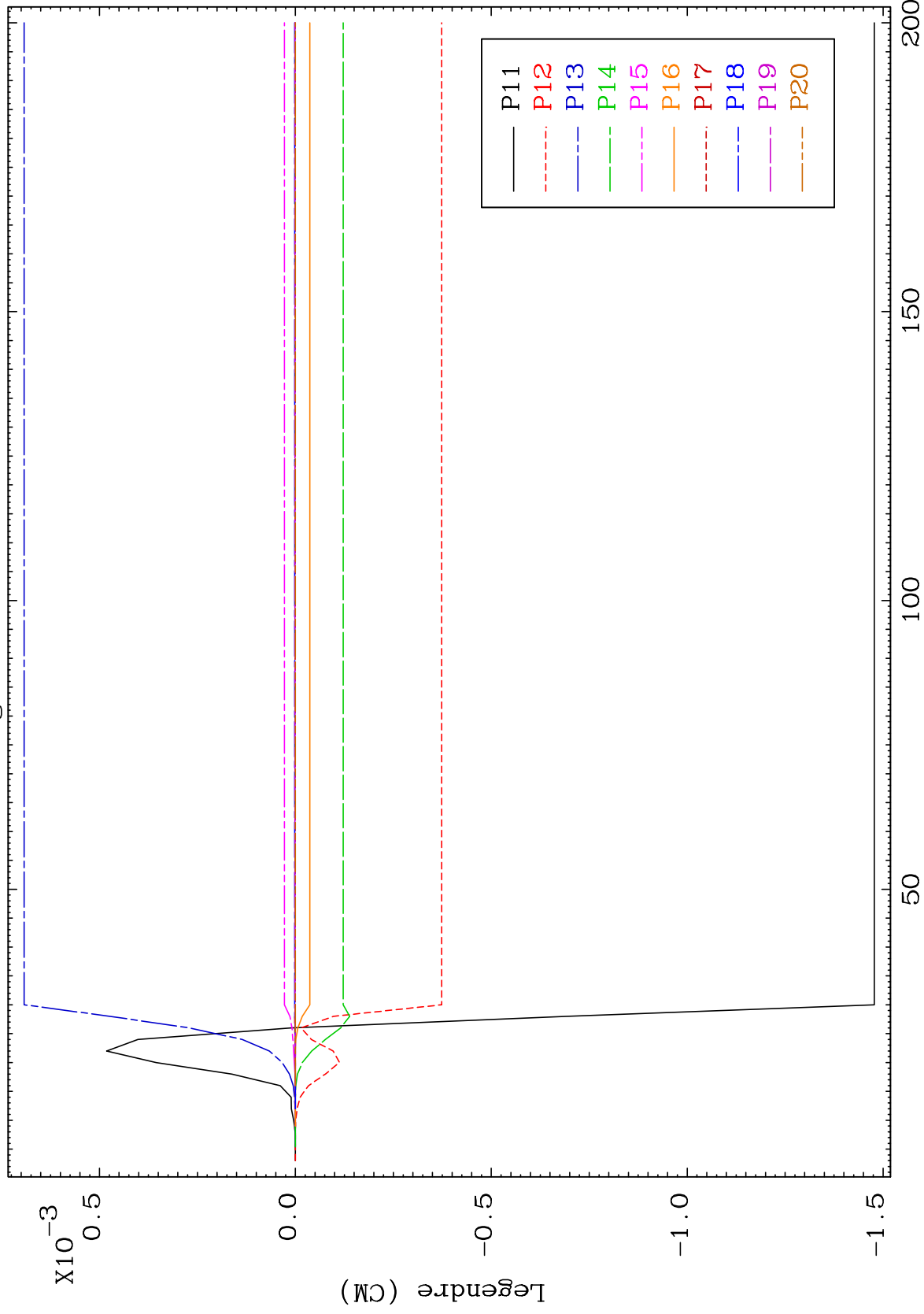




MAT 4876

2.756 MeV (n,n') Level
Legendre Coefficients

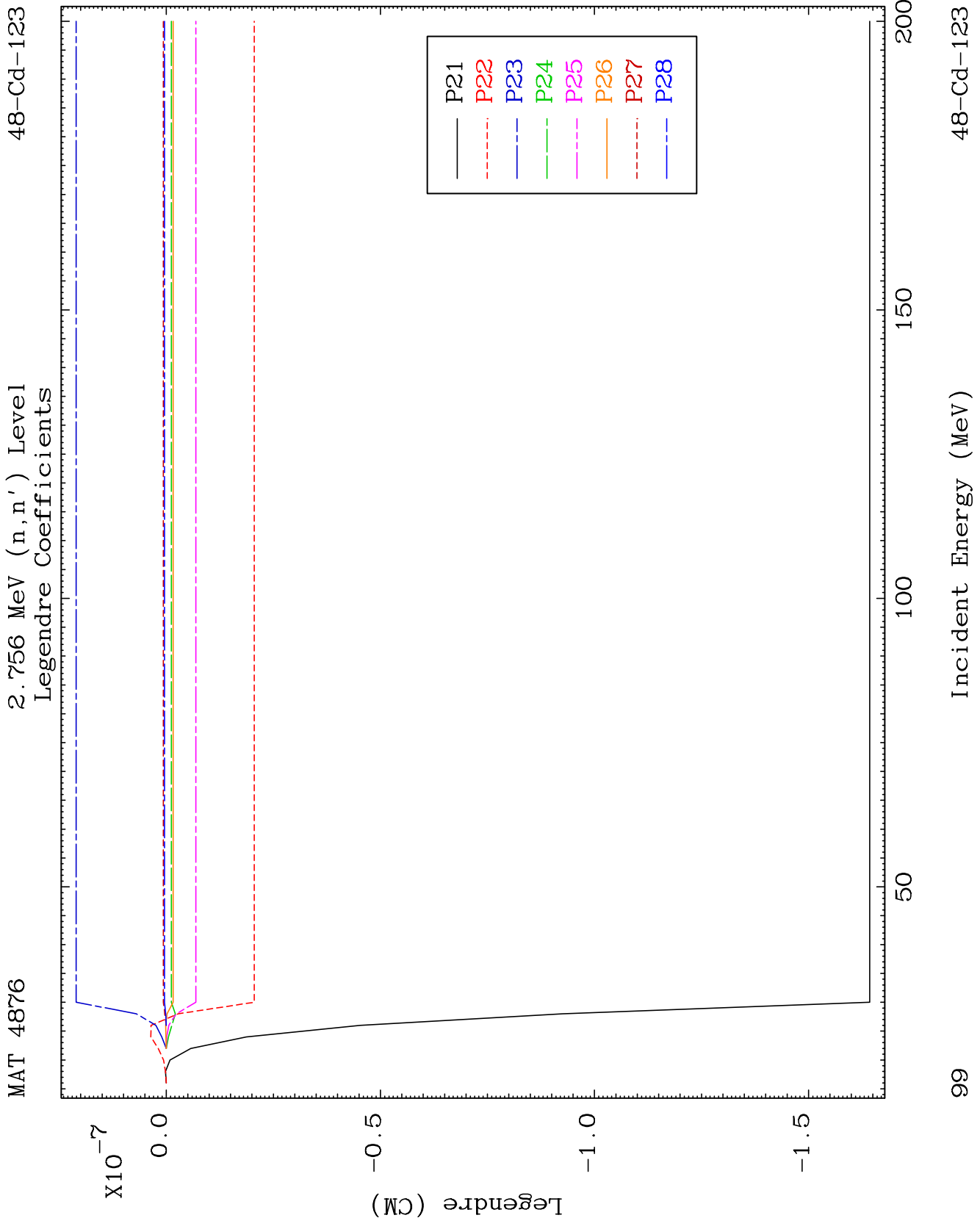
48-Cd-123



98

Incident Energy (MeV)

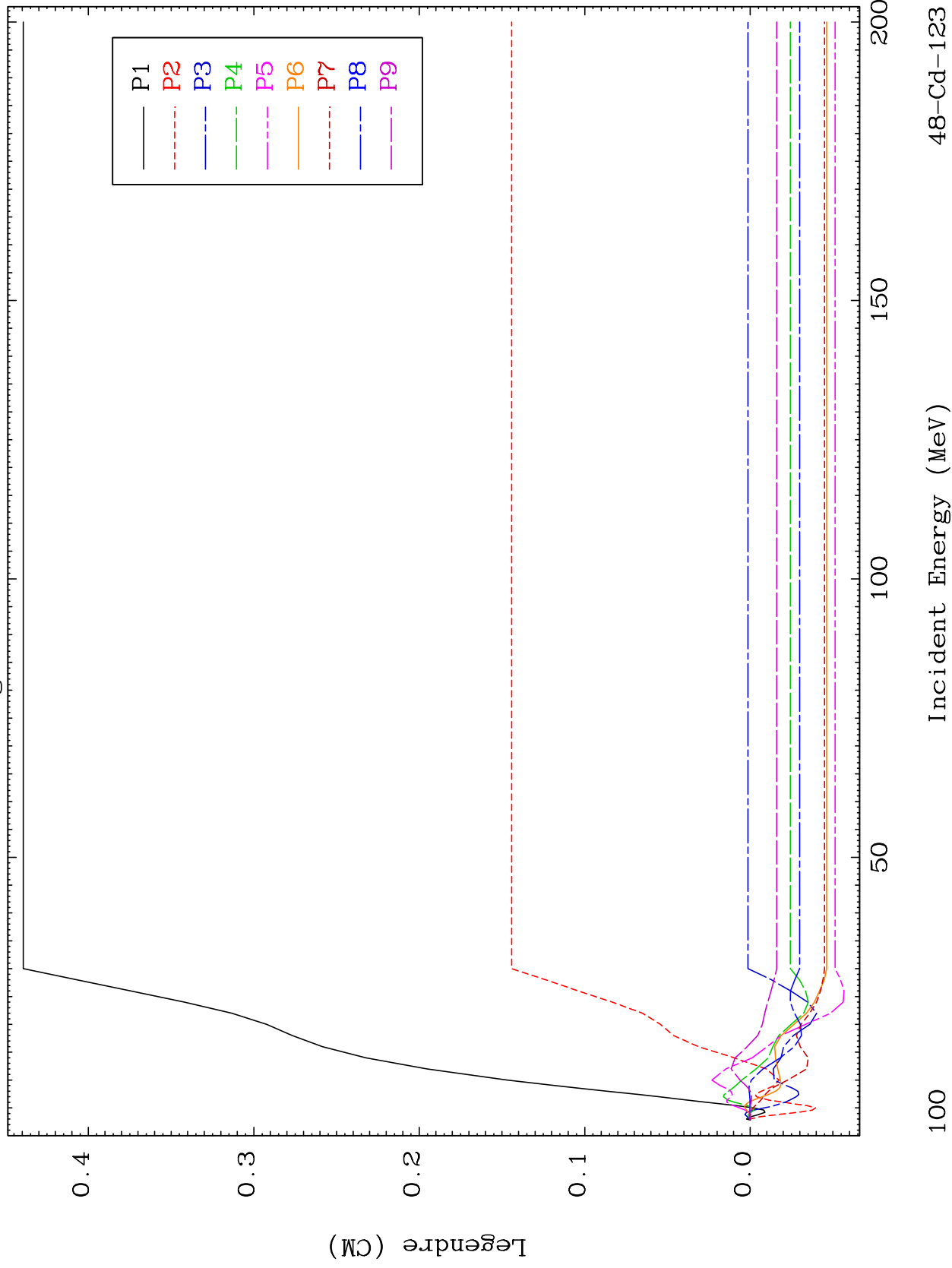
48-Cd-123



MAT 4876

2.787 MeV (n, n') Level
Legendre Coefficients

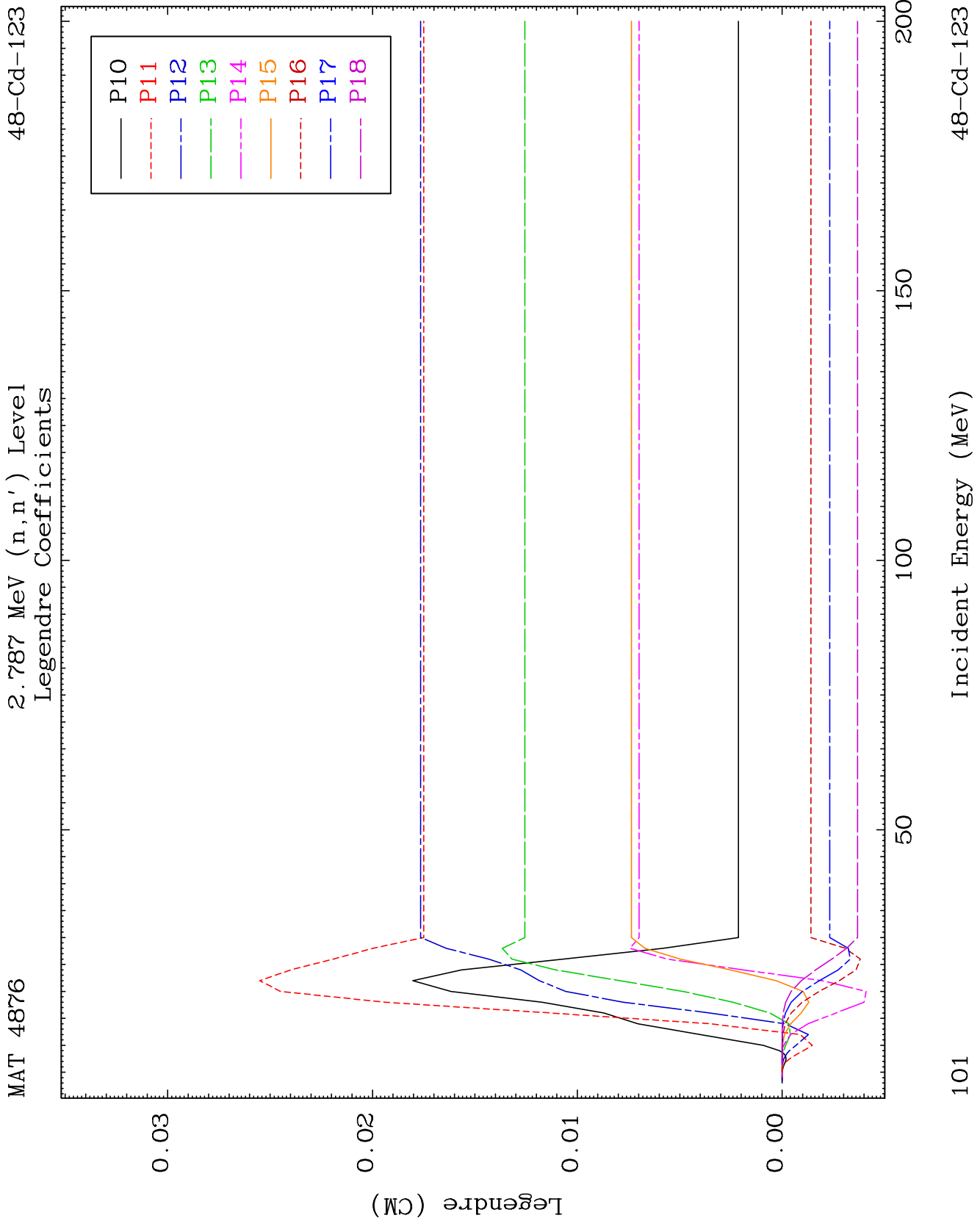
48-Cd-123

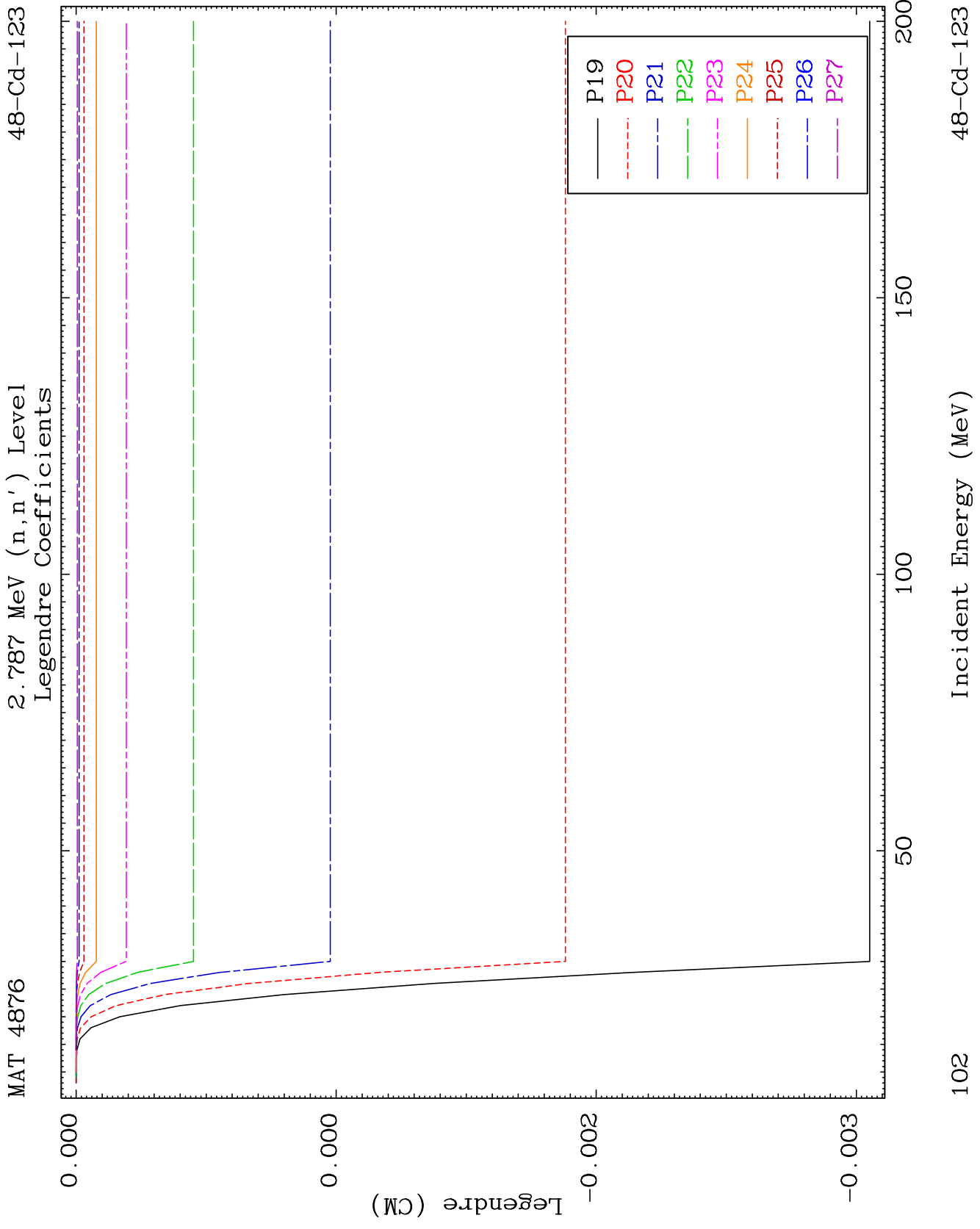


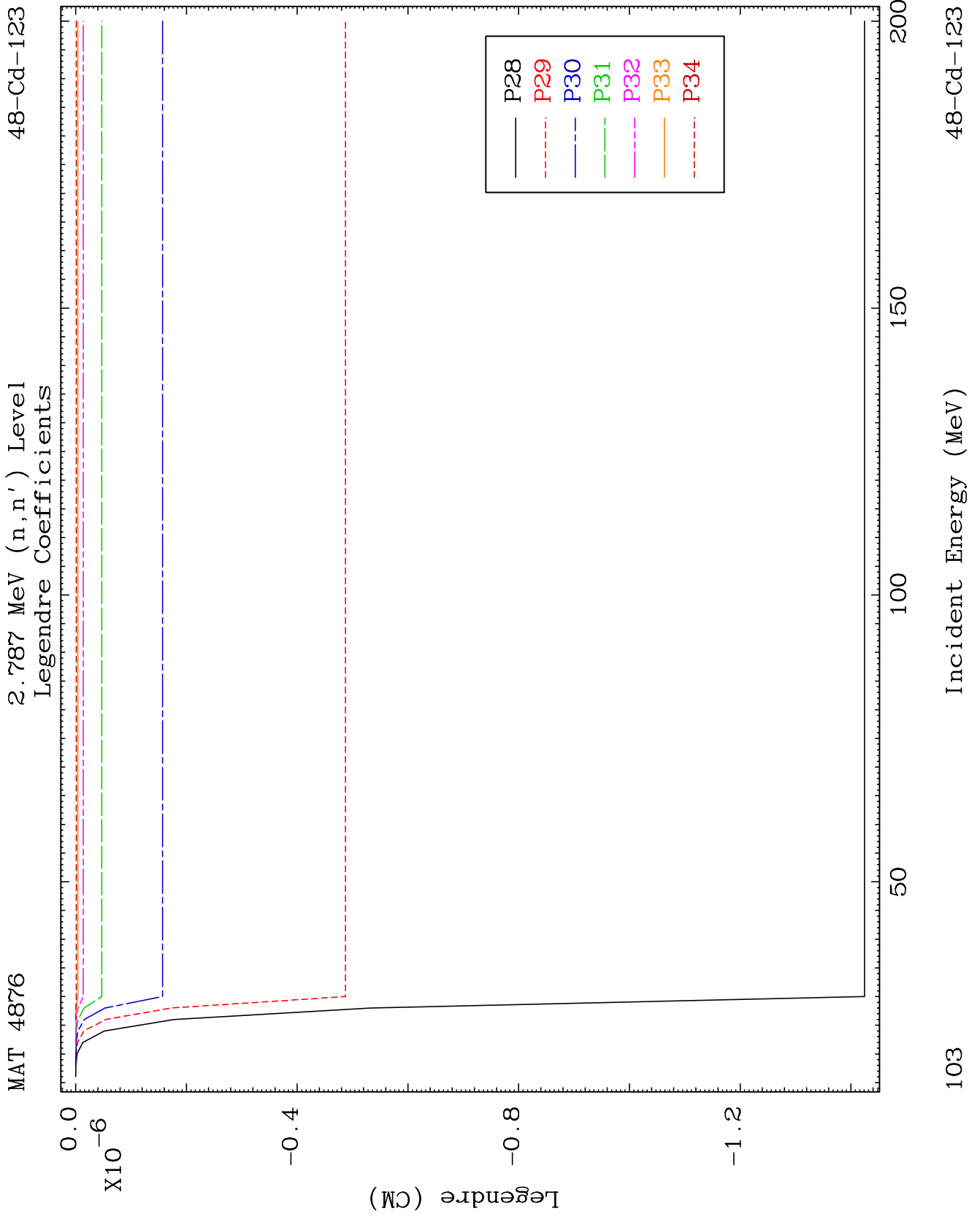
100

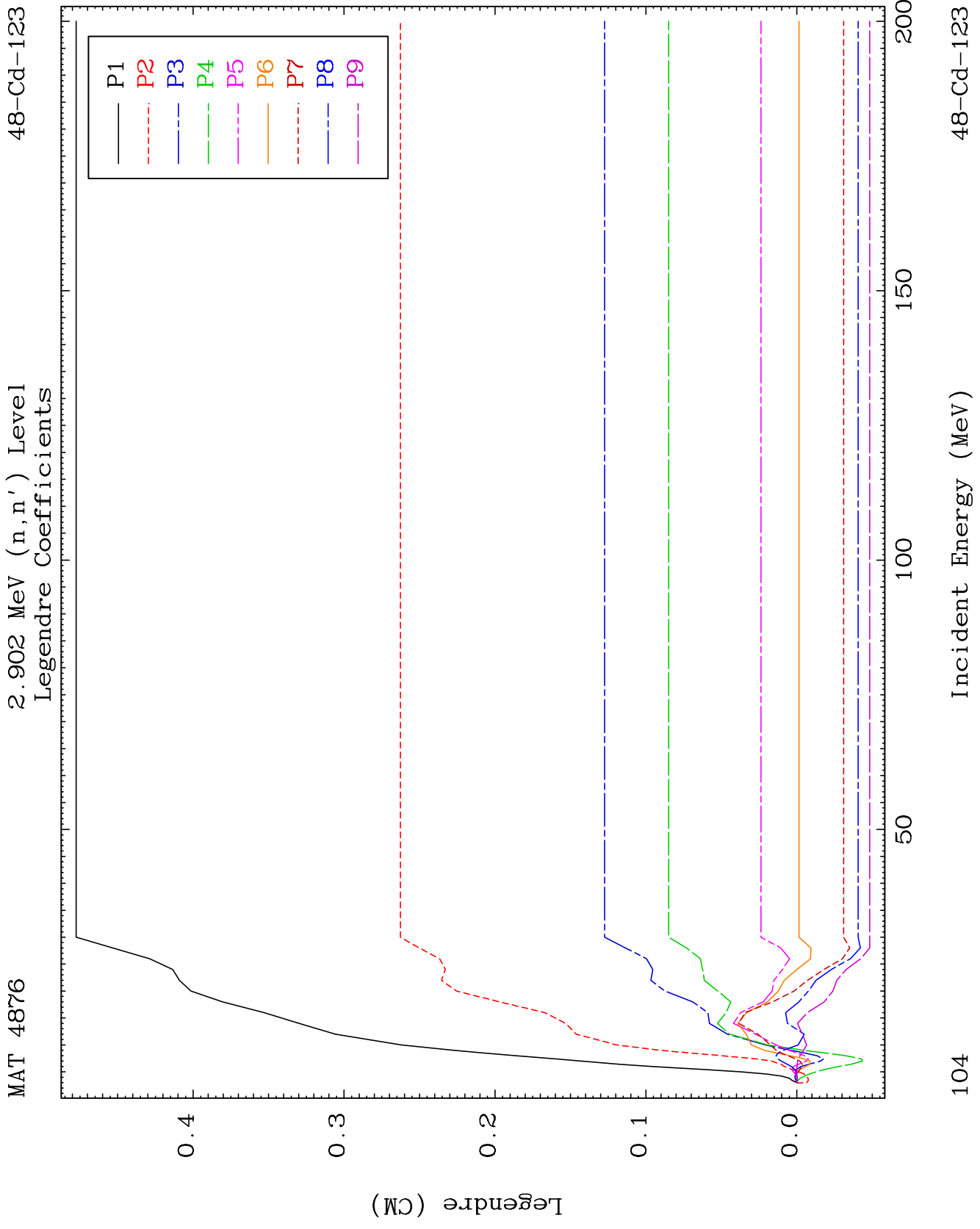
Incident Energy (MeV)

48-Cd-123





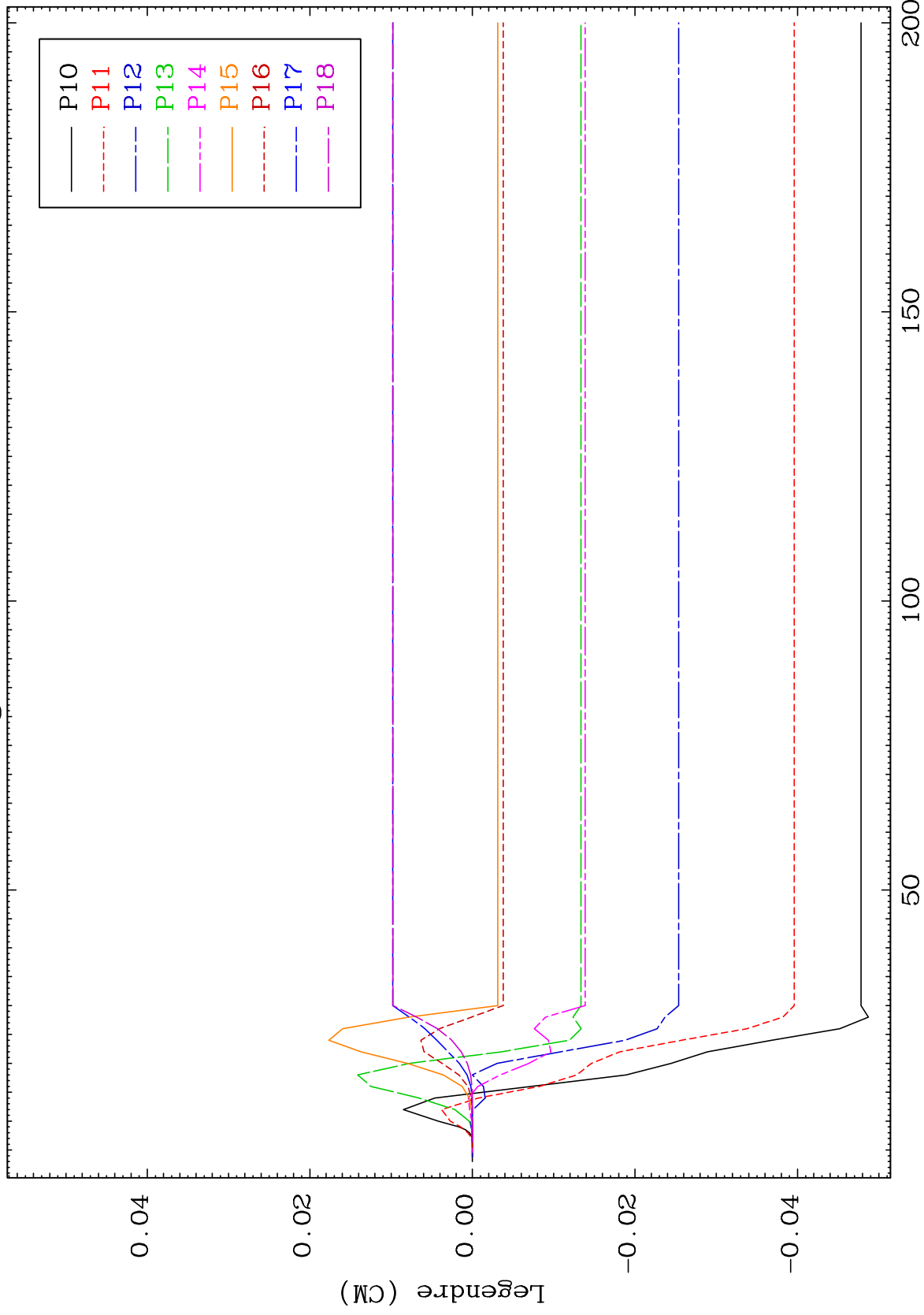




MAT 4876

2.902 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



105

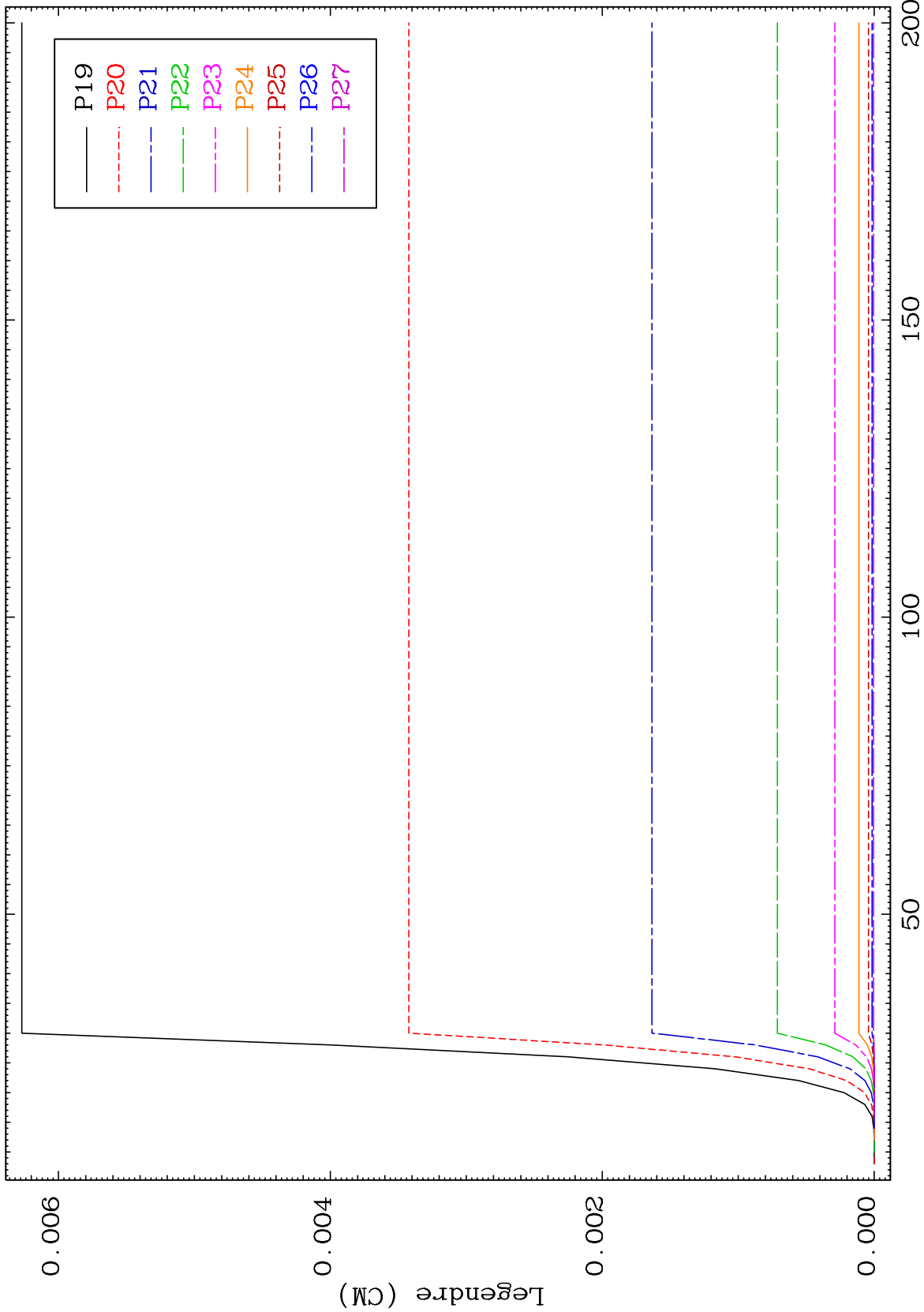
Incident Energy (MeV)

48-Cd-123

MAT 4876

2.902 MeV (n, n') Level
Legendre Coefficients

48-Cd-123



106

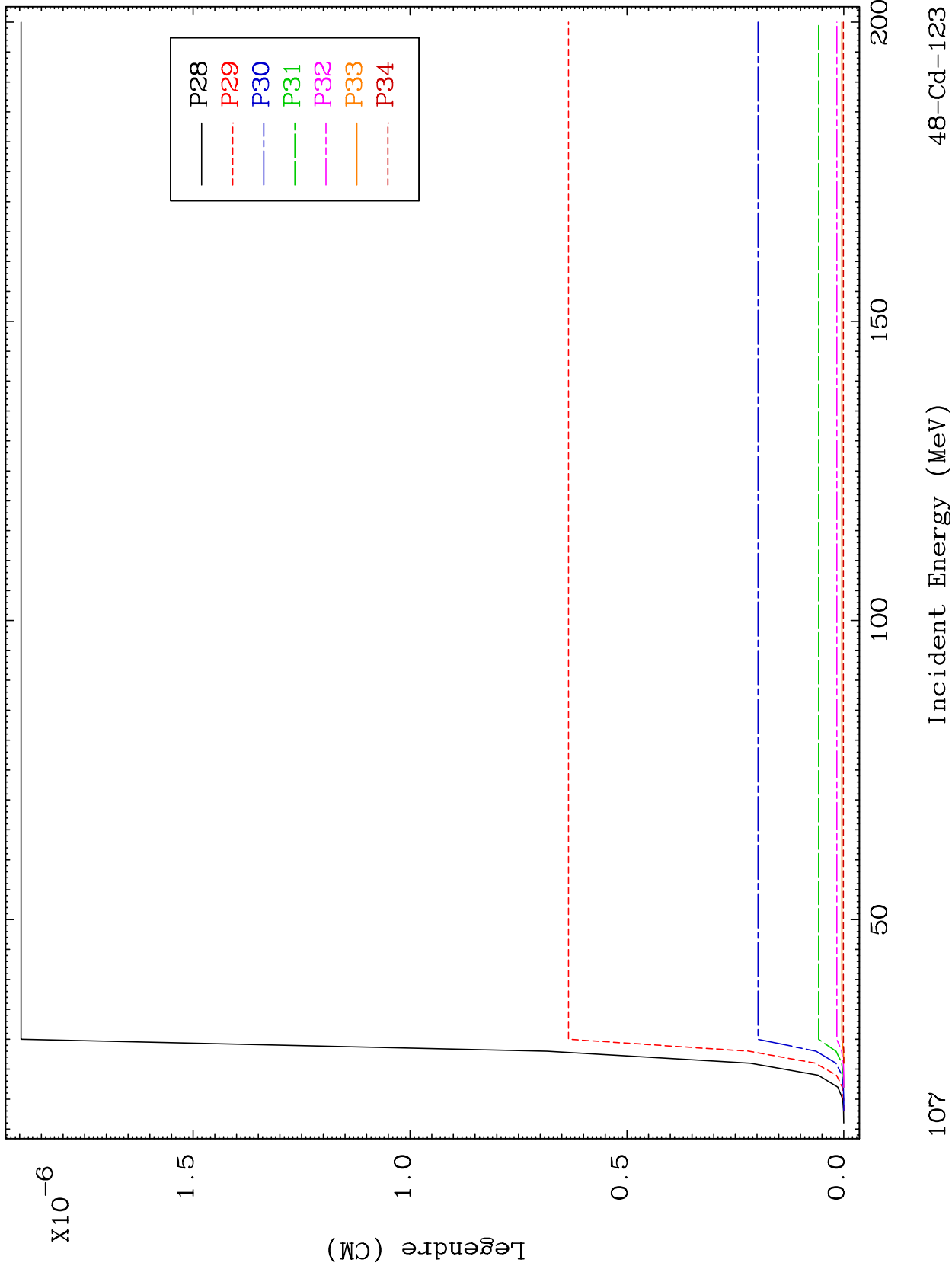
Incident Energy (MeV)

48-Cd-123

MAT 4876

2.902 MeV (n,n') Level
Legendre Coefficients

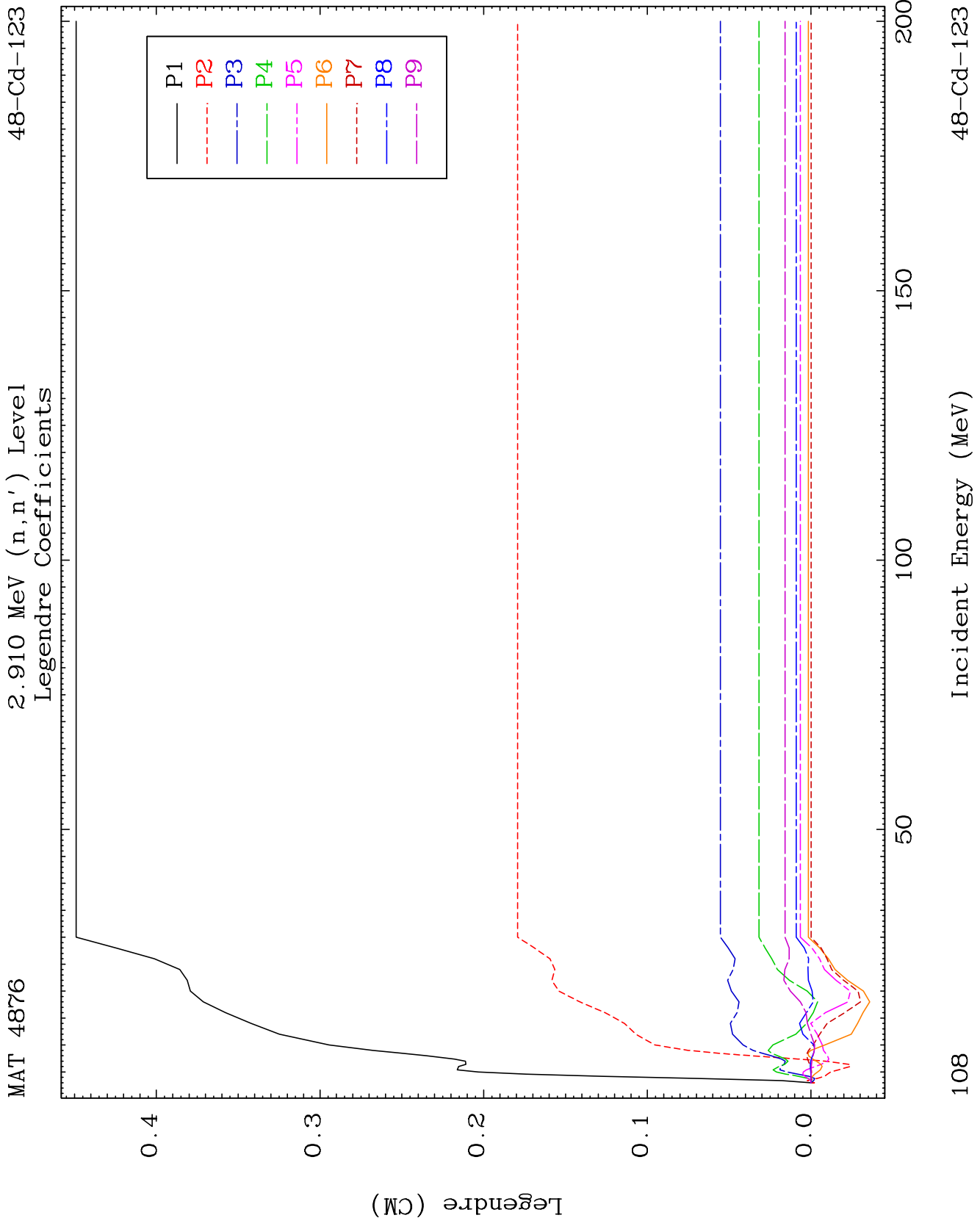
48-Cd-123

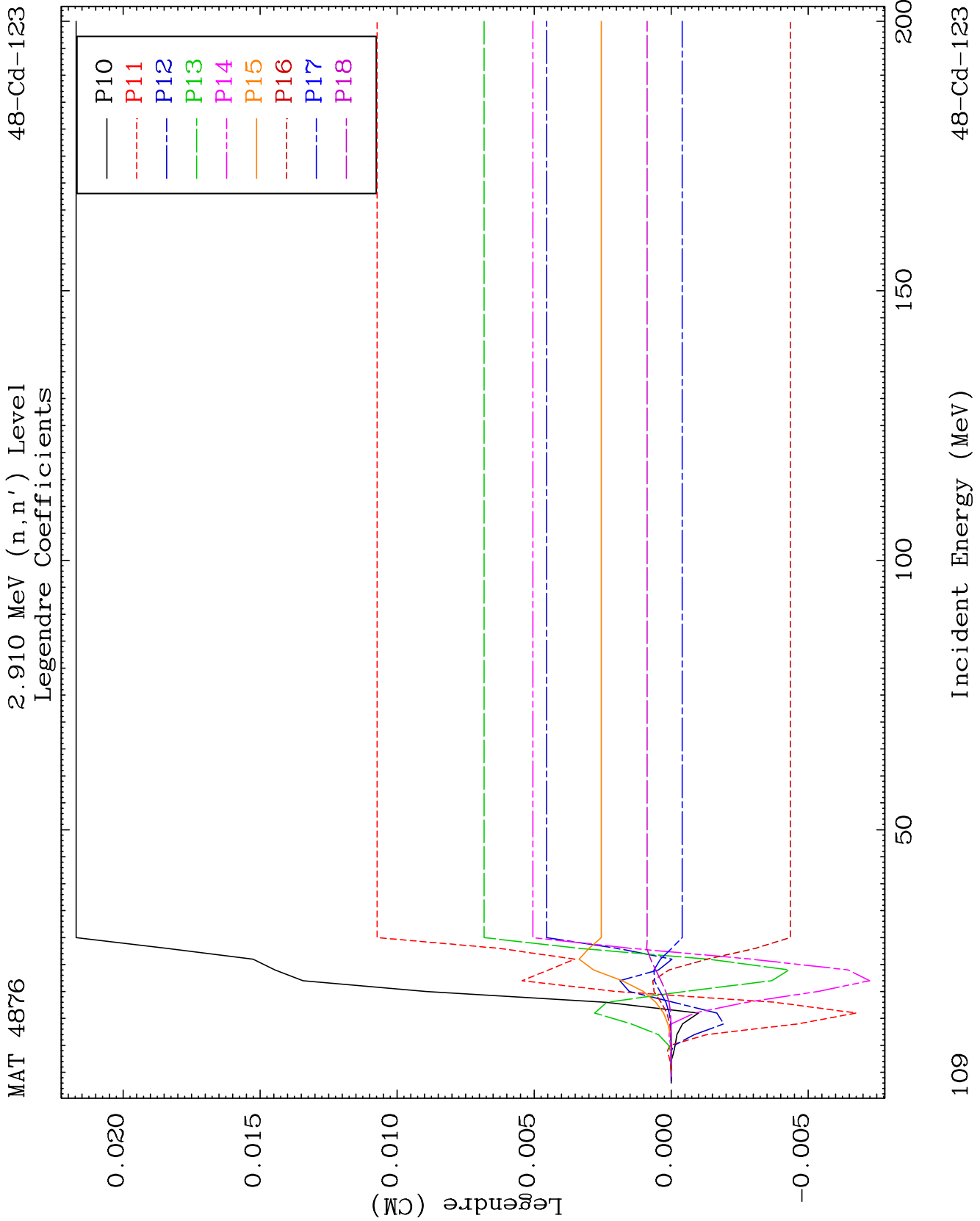


107

Incident Energy (MeV)

48-Cd-123

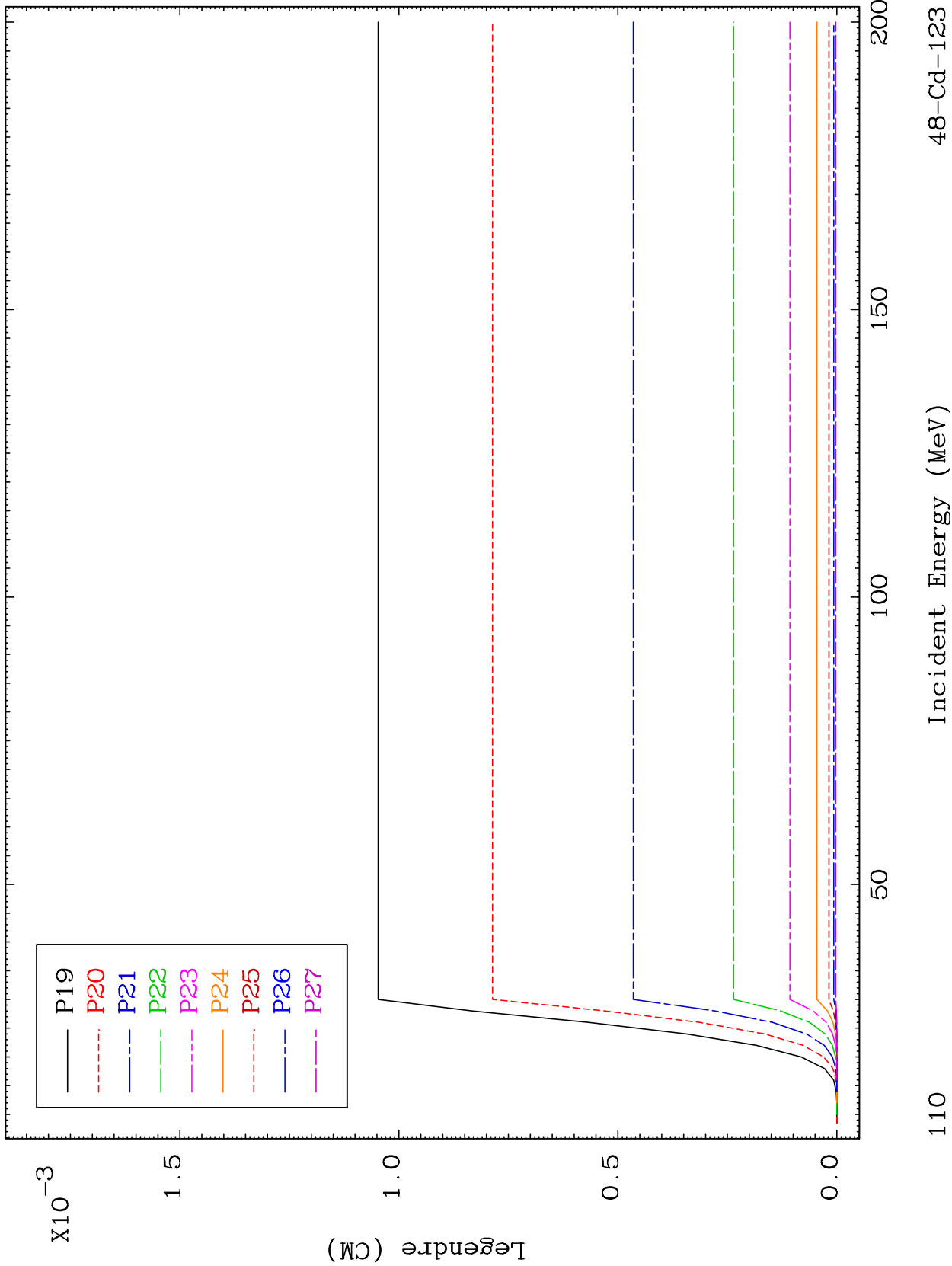




MAT 4876

2.910 MeV (n, n') Level
Legendre Coefficients

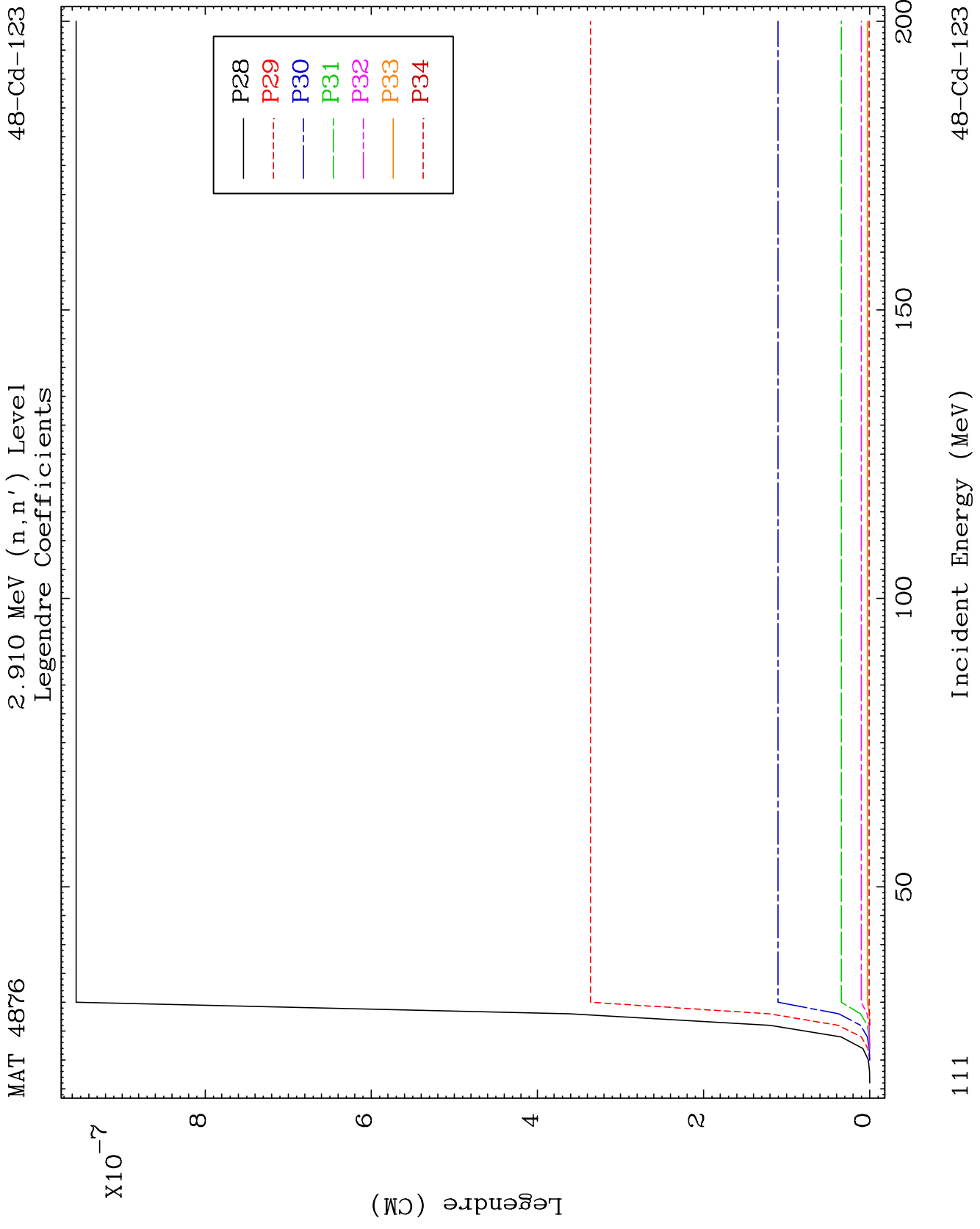
48-Cd-123

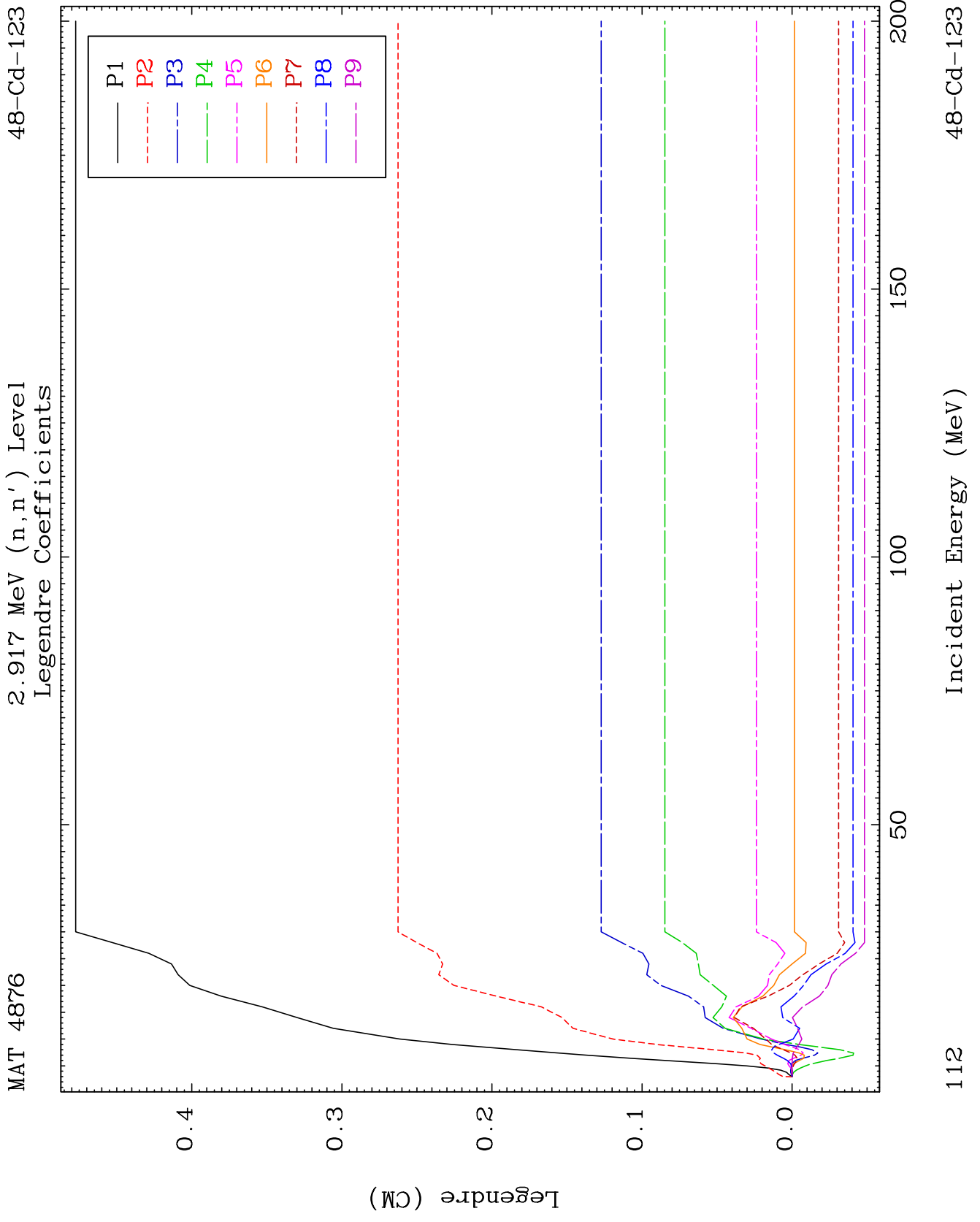


110

Incident Energy (MeV)

48-Cd-123

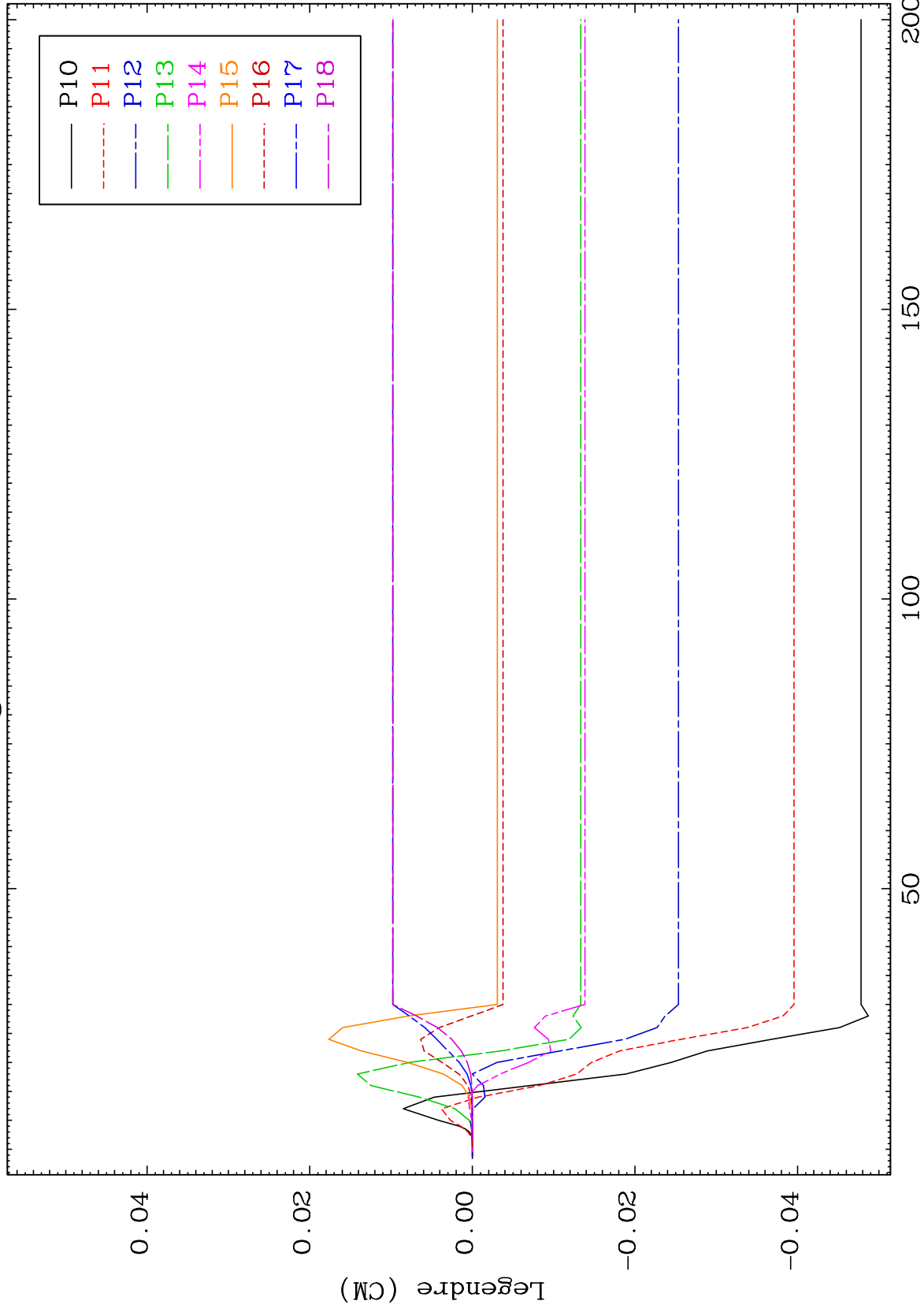




MAT 4876

2.917 MeV (n,n') Level
Legendre Coefficients

48-Cd-123



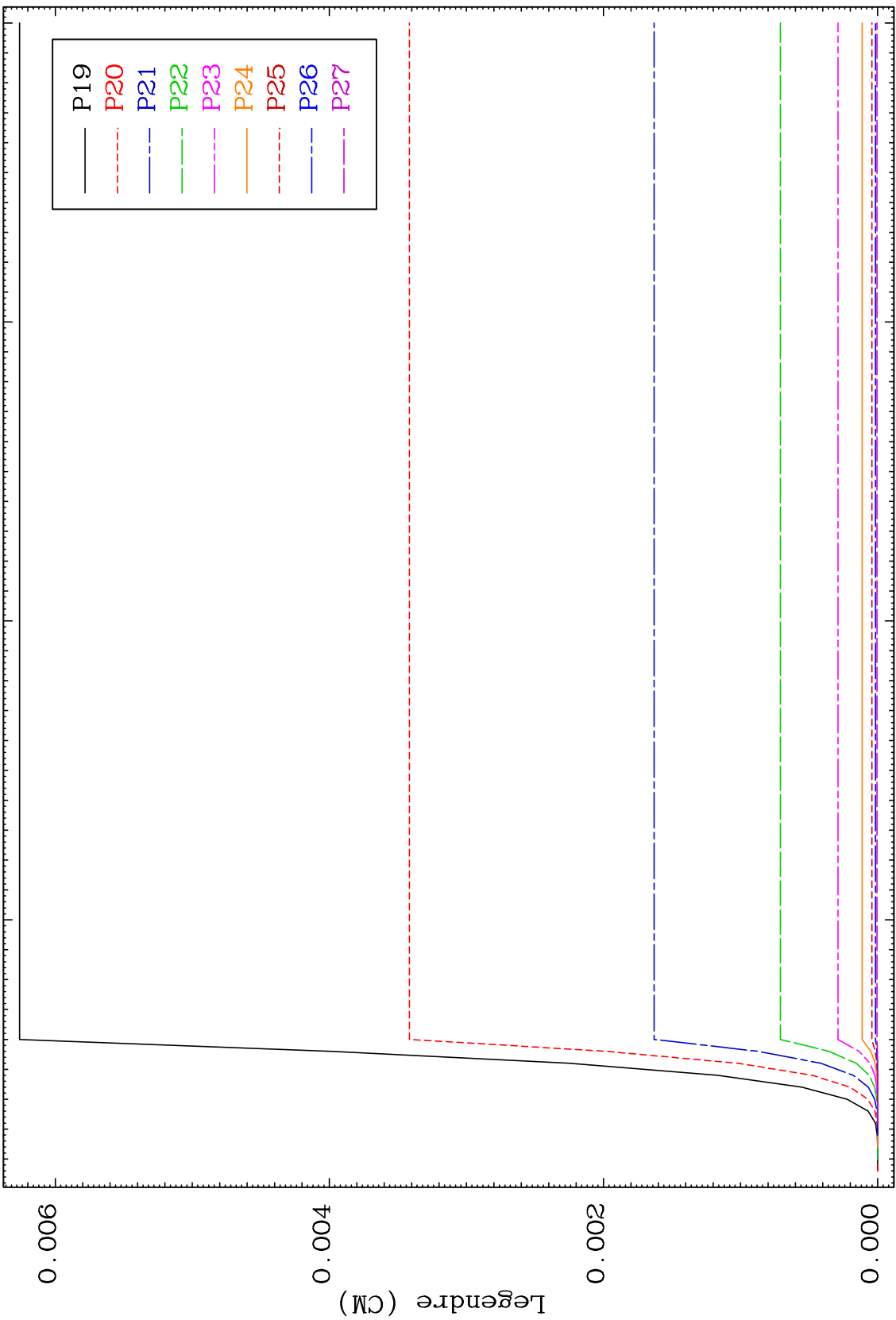
113

Incident Energy (MeV)

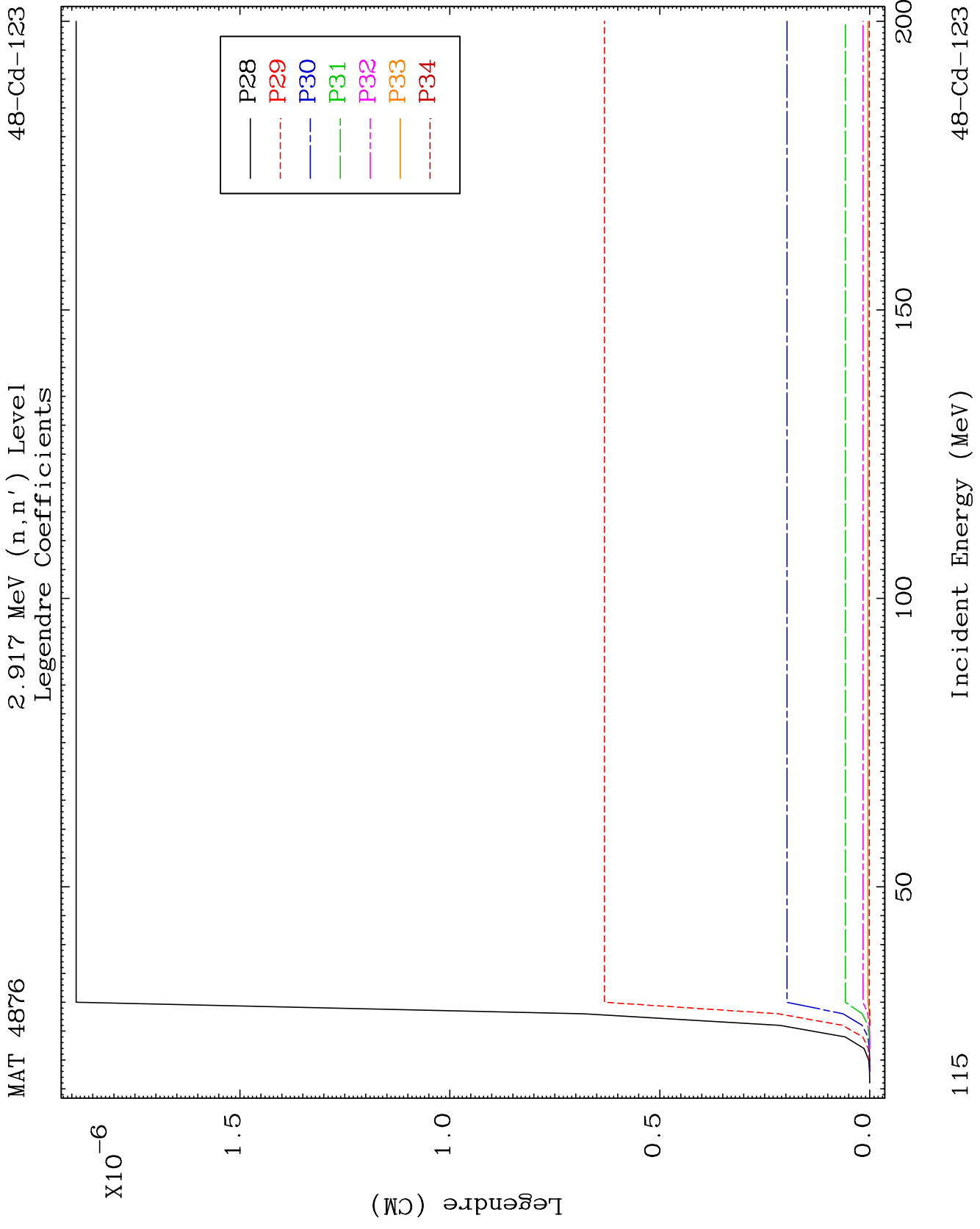
48-Cd-123

MAT 4876 2.917 MeV (n, n') Level 48-Cd-123

Legendre Coefficients



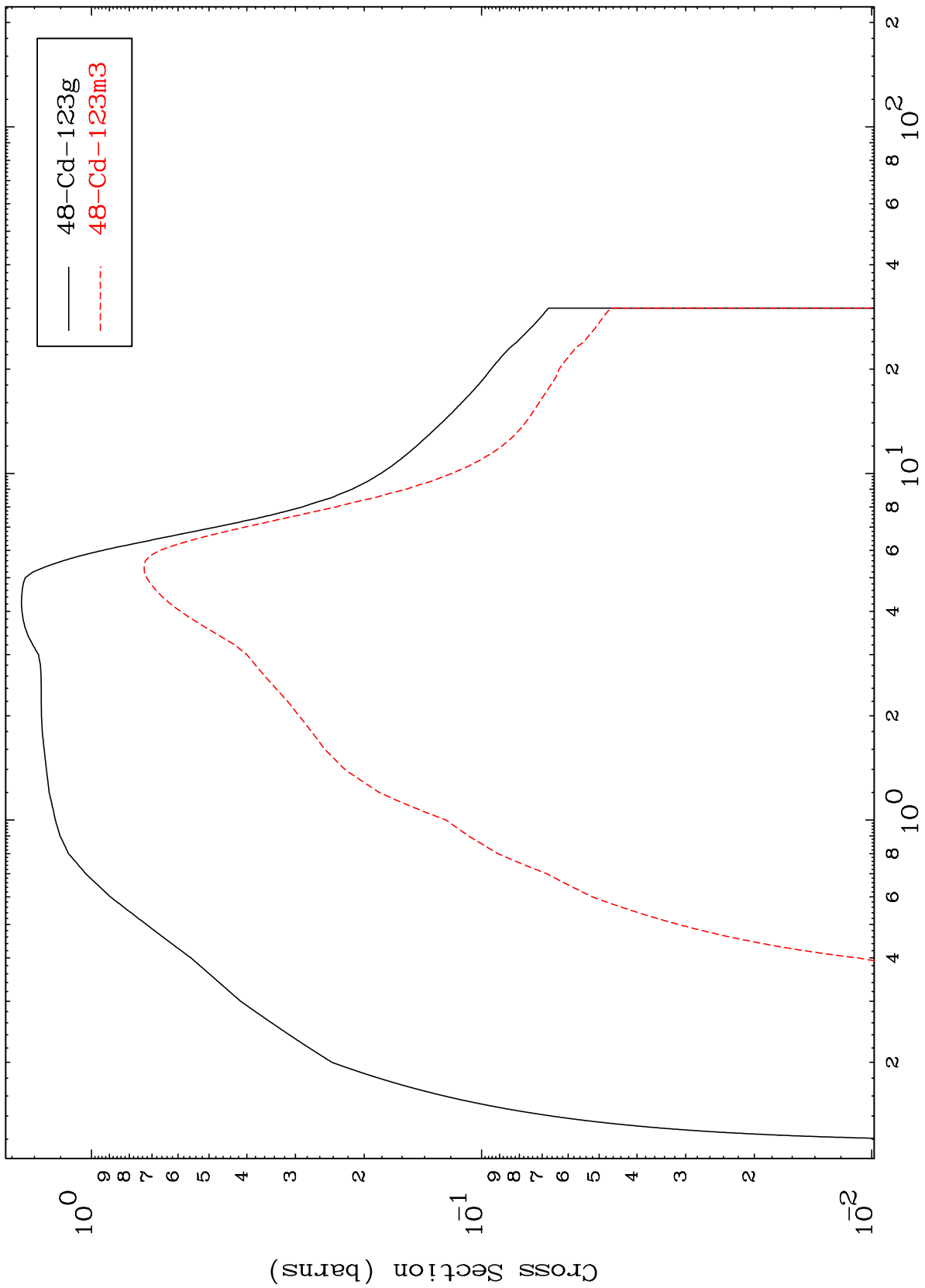
114 Incident Energy (MeV) 48-Cd-123



MAT 4876

48-Cd-123

Inelastic
Radionuclide Production Cross Section



— 48-Cd-123g
- - - 48-Cd-123m3

116

Incident Energy (MeV)

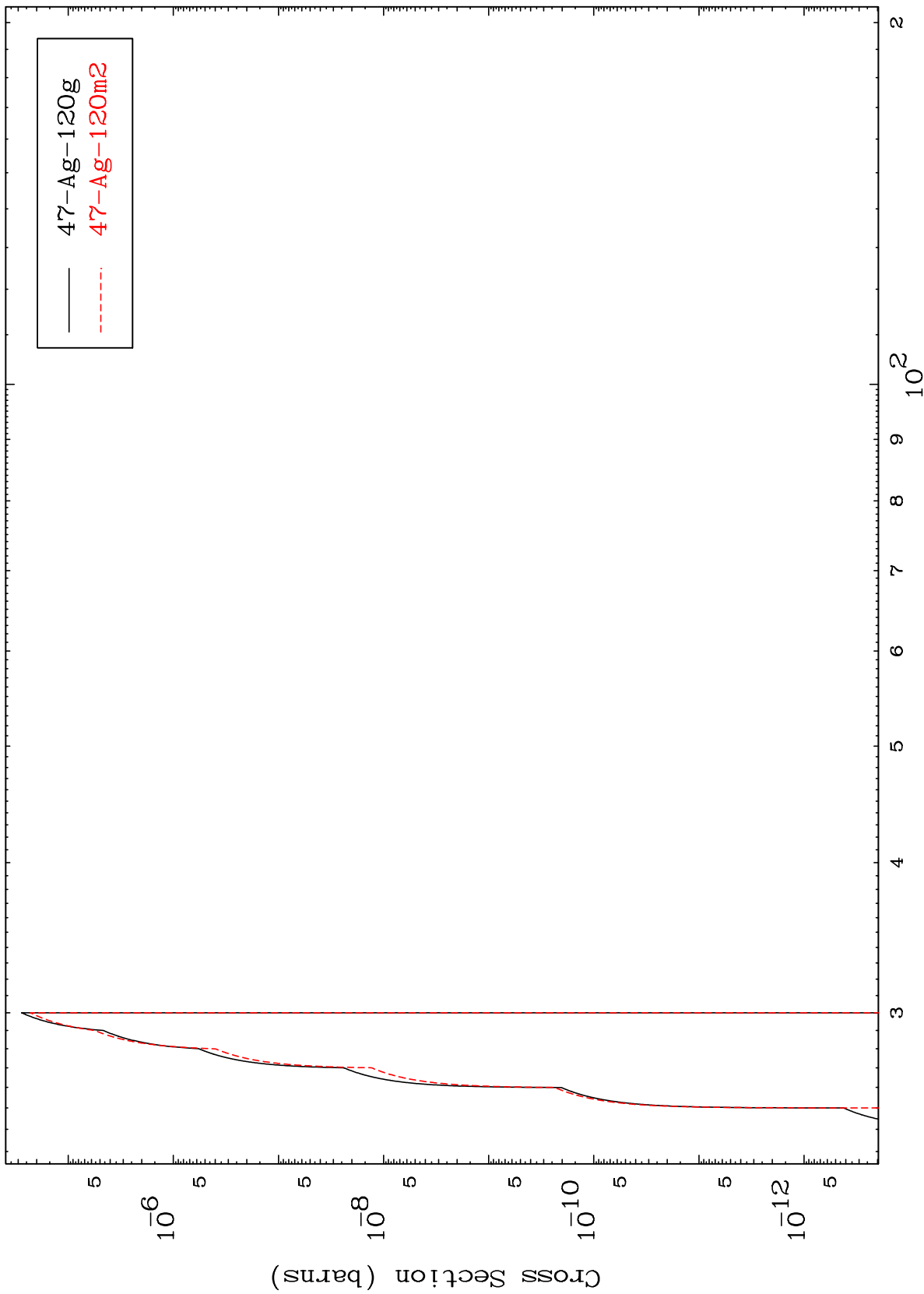
48-Cd-123

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



117

Incident Energy (MeV)

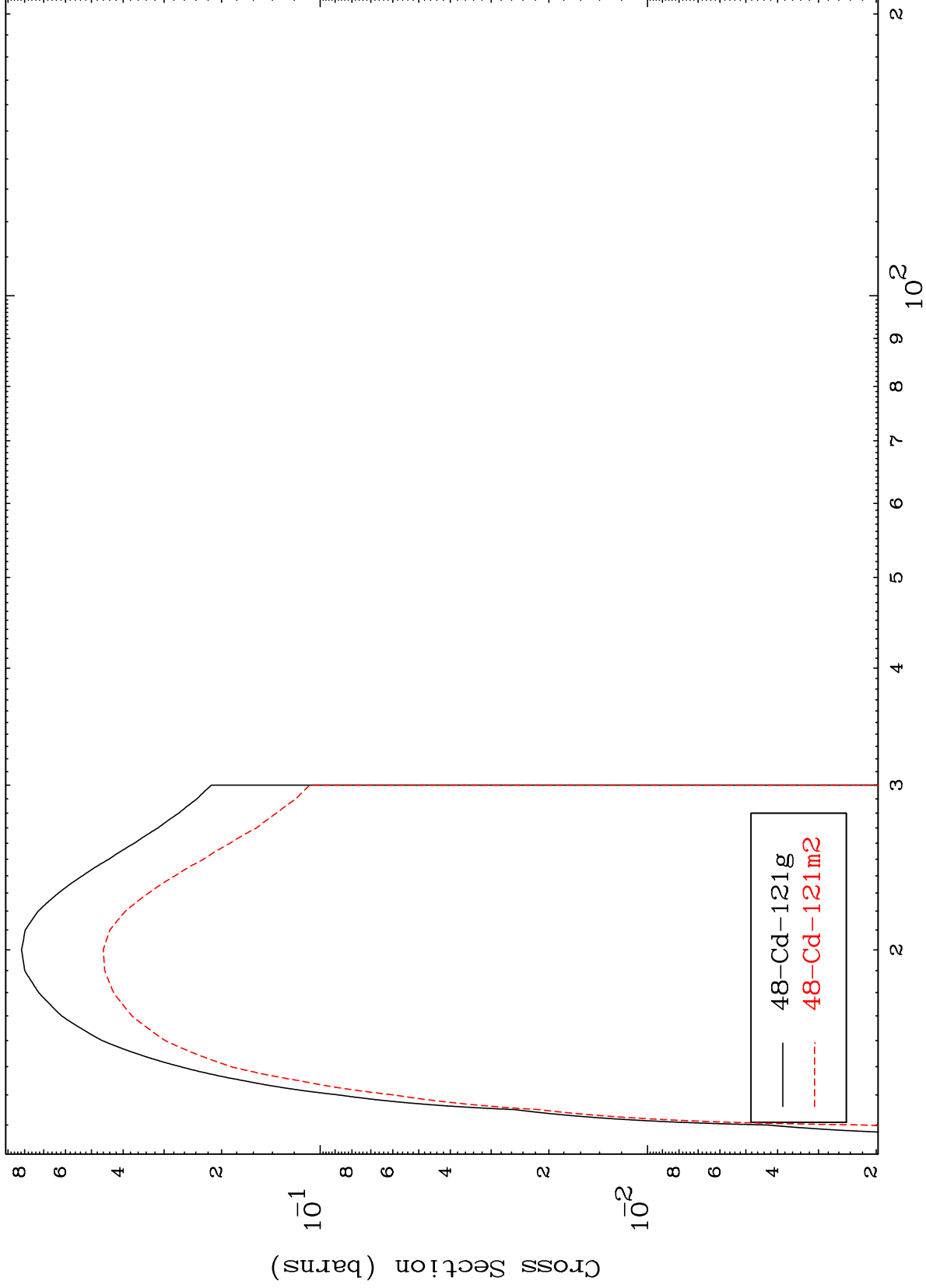
48-Cd-123

MAT 4876

(n,3n)

48-Cd-123

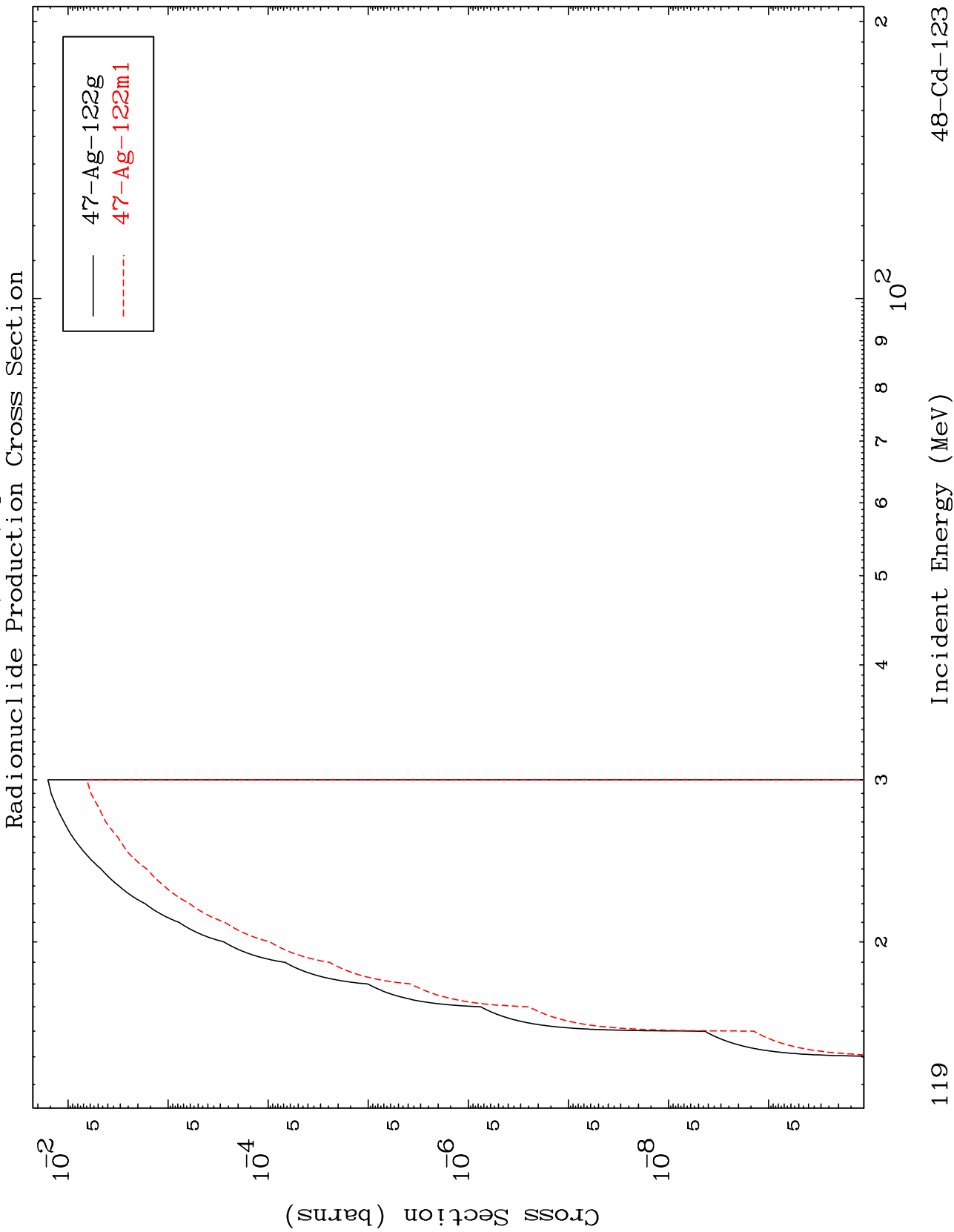
Radionuclide Production Cross Section



118

Incident Energy (MeV)

48-Cd-123

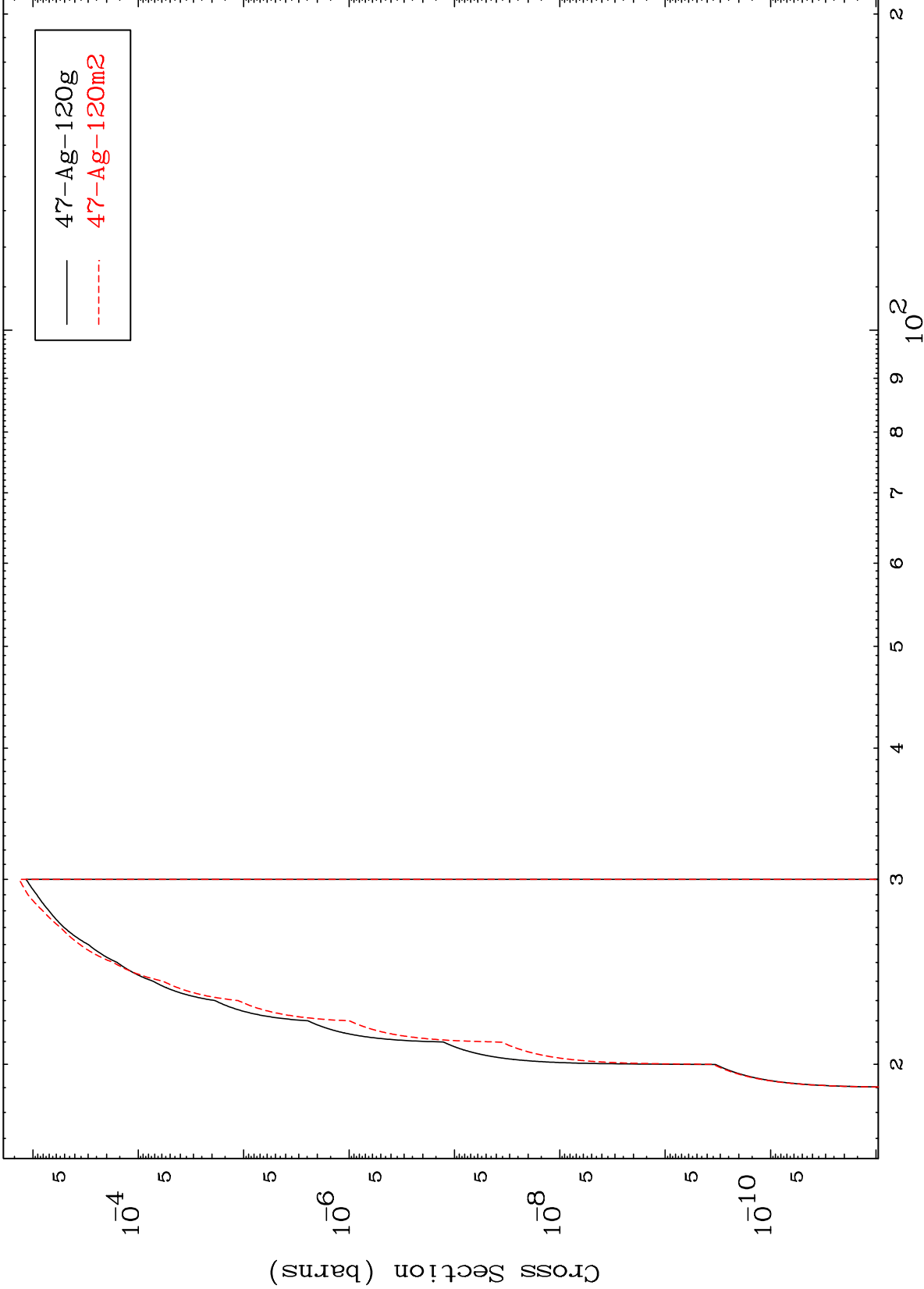


MAT 4876

(n,n') t

48-Cd-123

Radionuclide Production Cross Section



120

Incident Energy (MeV)

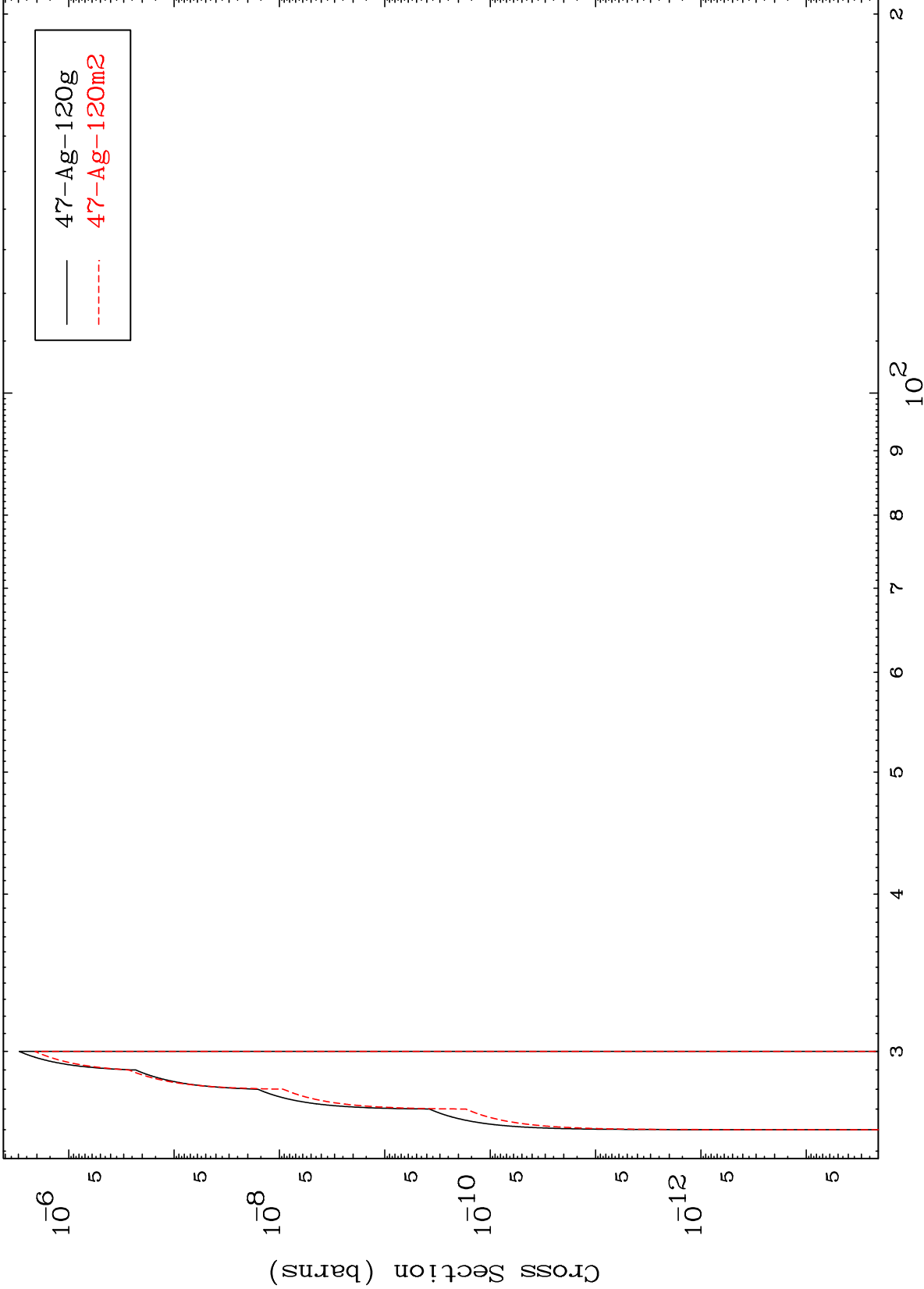
48-Cd-123

MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



121

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

