

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

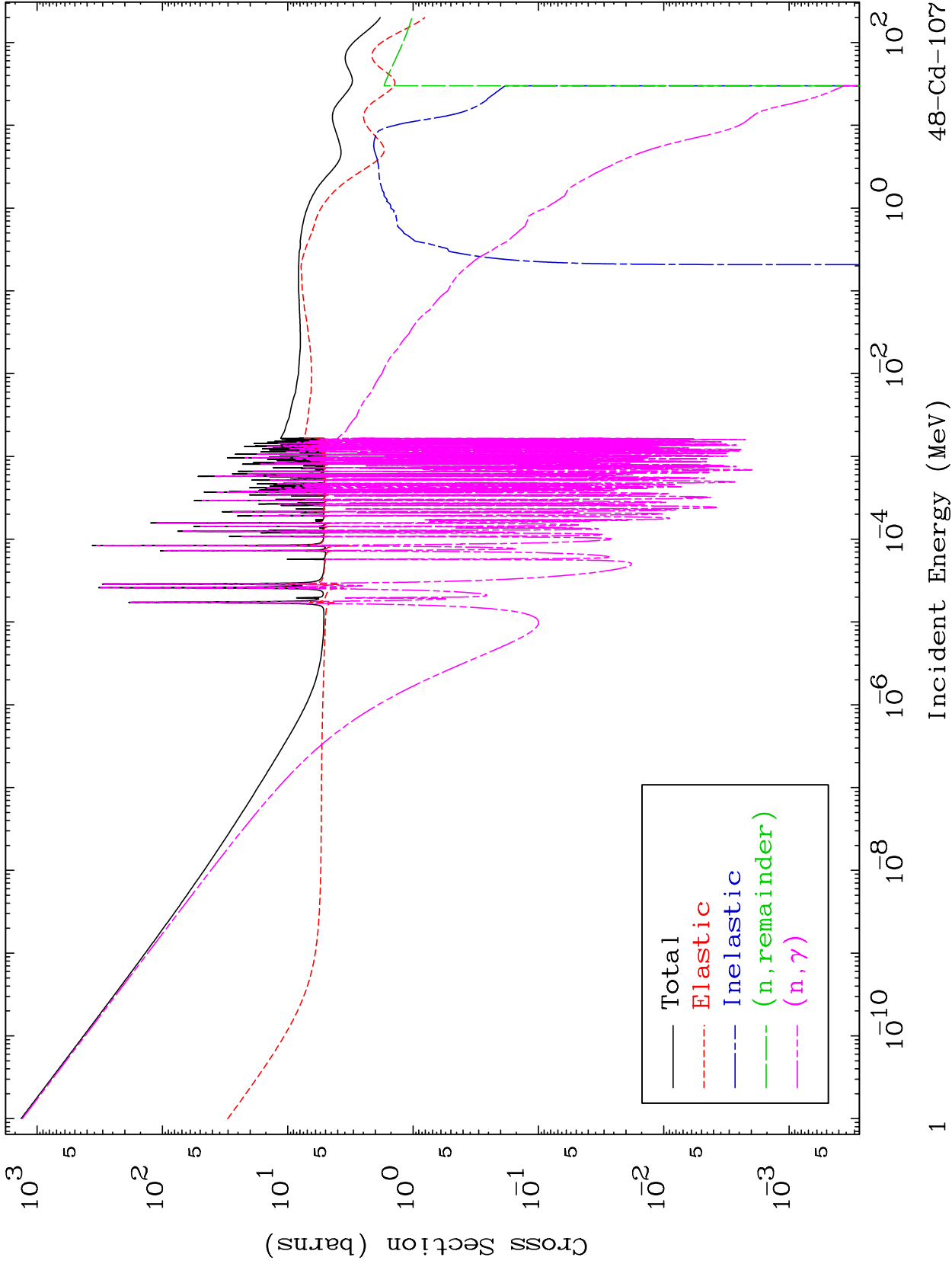
Press Mouse Button to Start

MAT 4828

Major

293 Kelvin Cross Sections

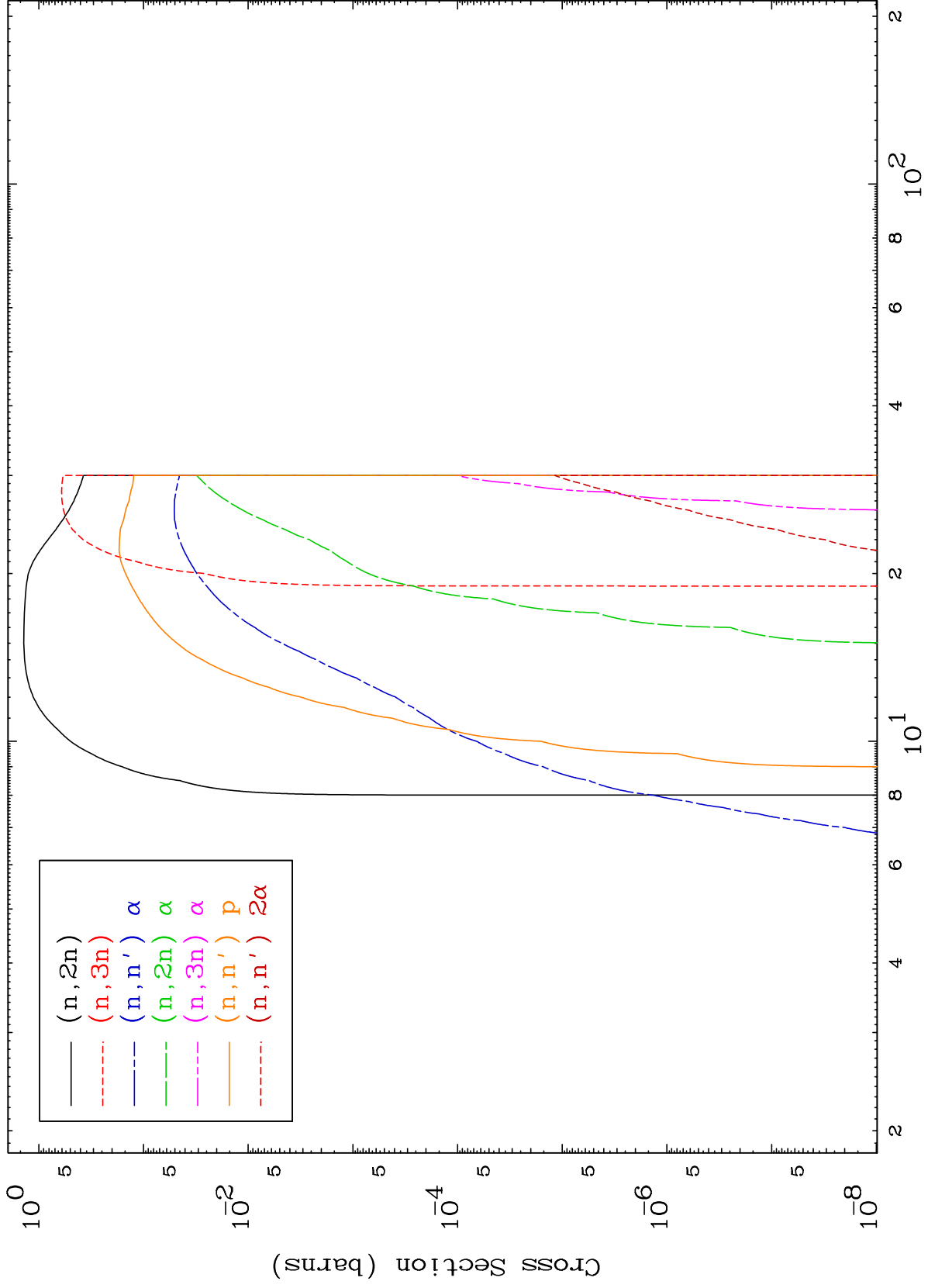
48-Cd-107



MAT 4828

Neutron Production
293 Kelvin Cross Sections

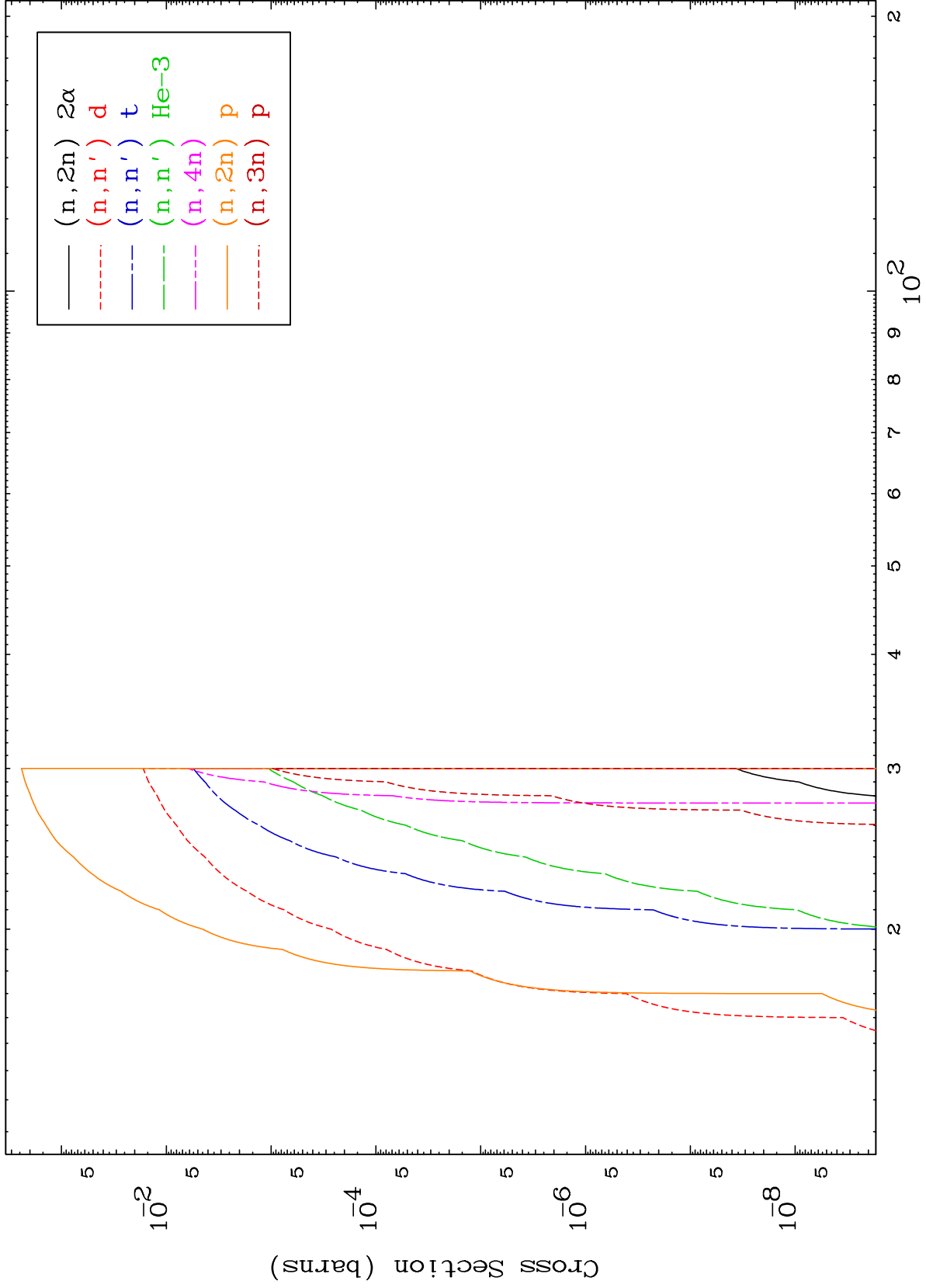
48-Cd-107



48-Cd-107

Incident Energy (MeV)

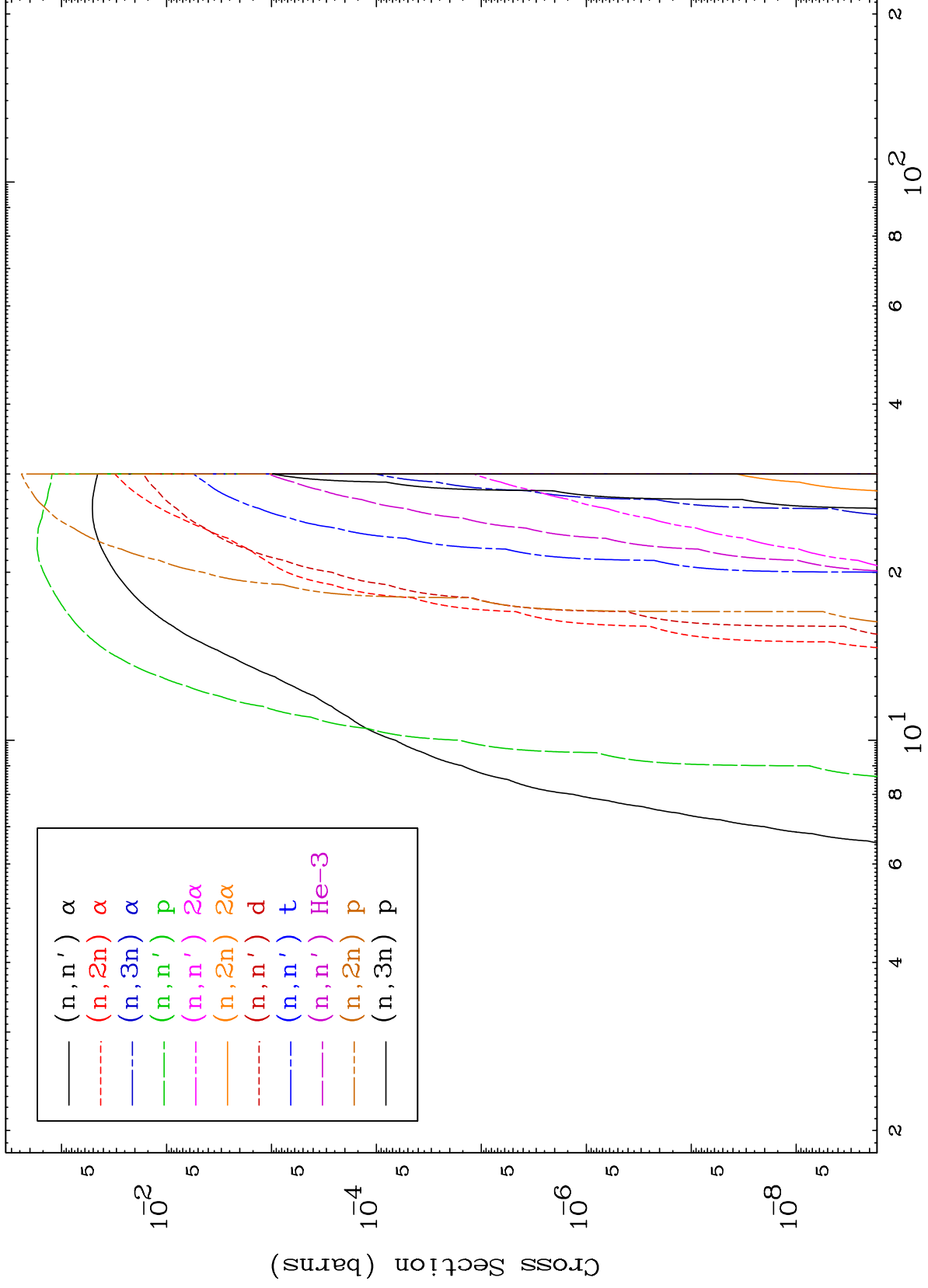
2



MAT 4828

Charged Particle
293 Kelvin Cross Sections

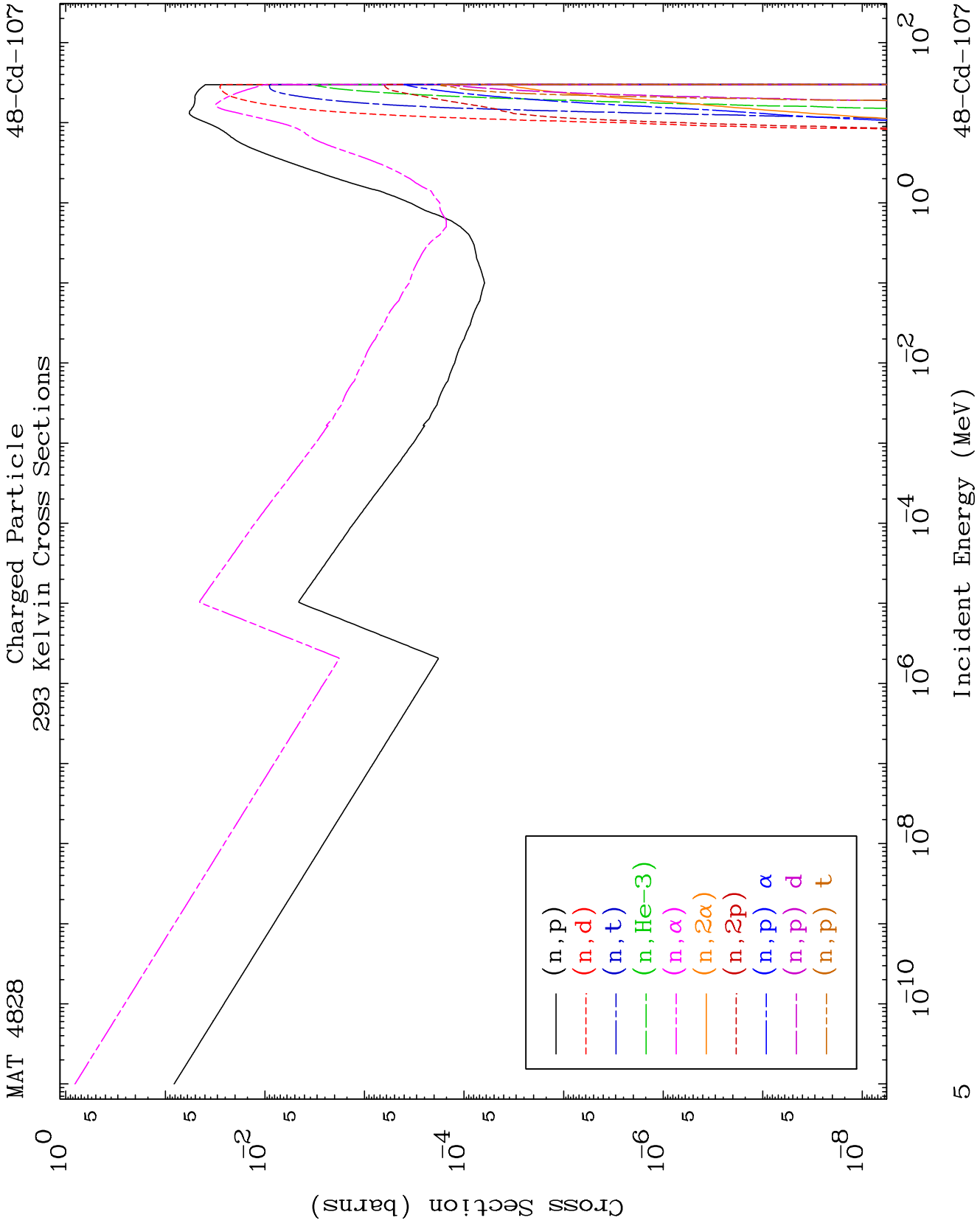
48-Cd-107



4

Incident Energy (MeV)

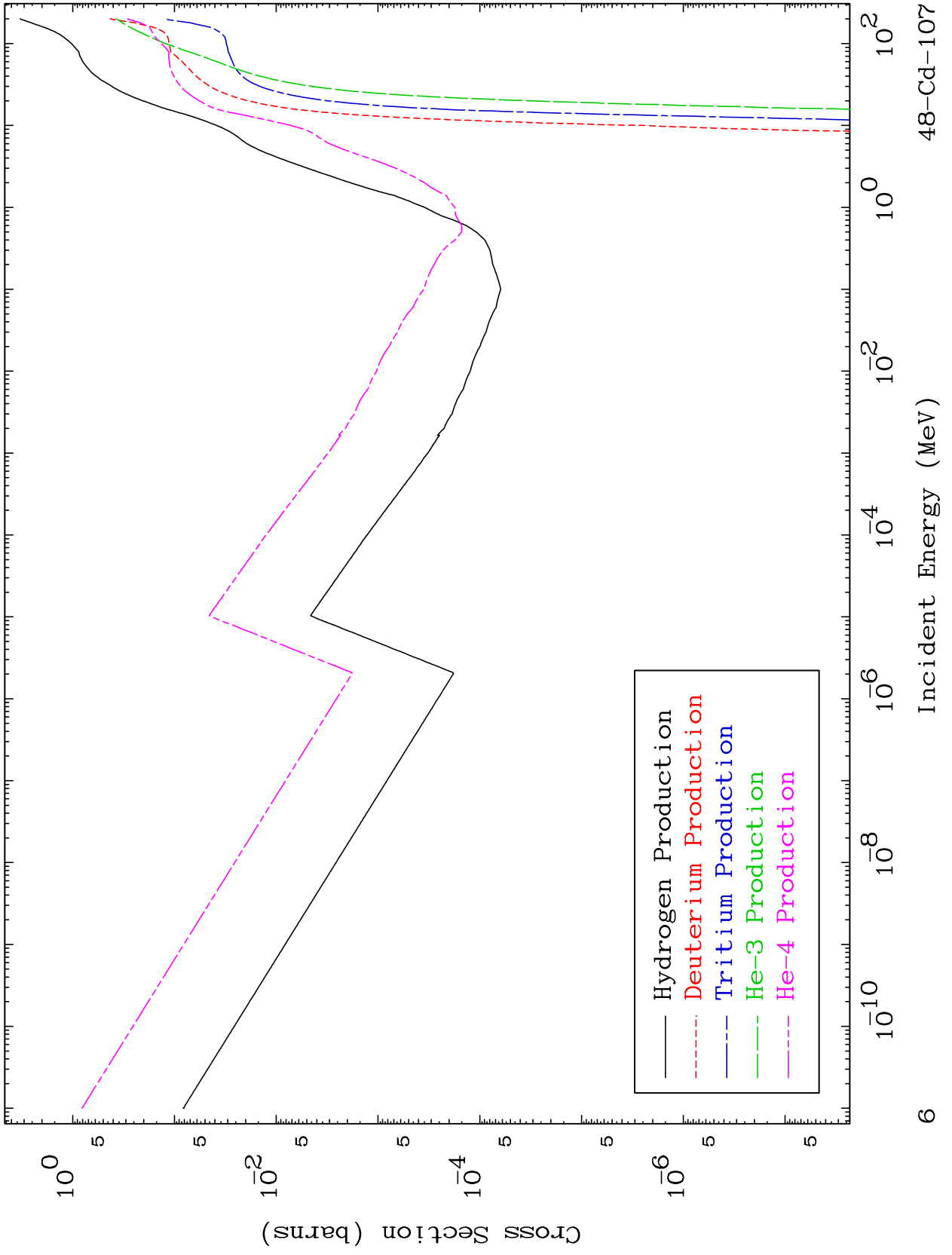
48-Cd-107

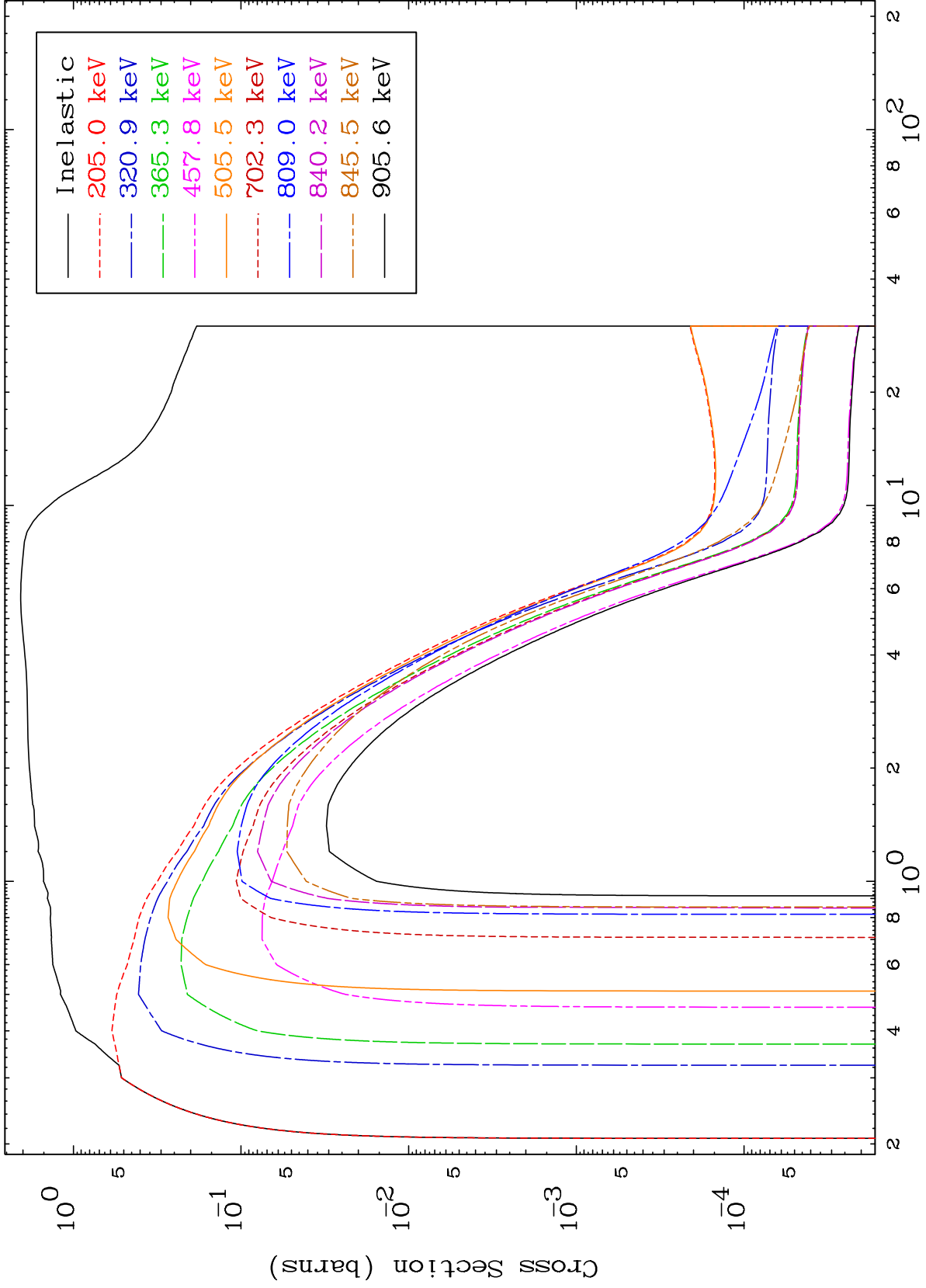


MAT 4828

Particle Production
293 Kelvin Cross Sections

48-Cd-107

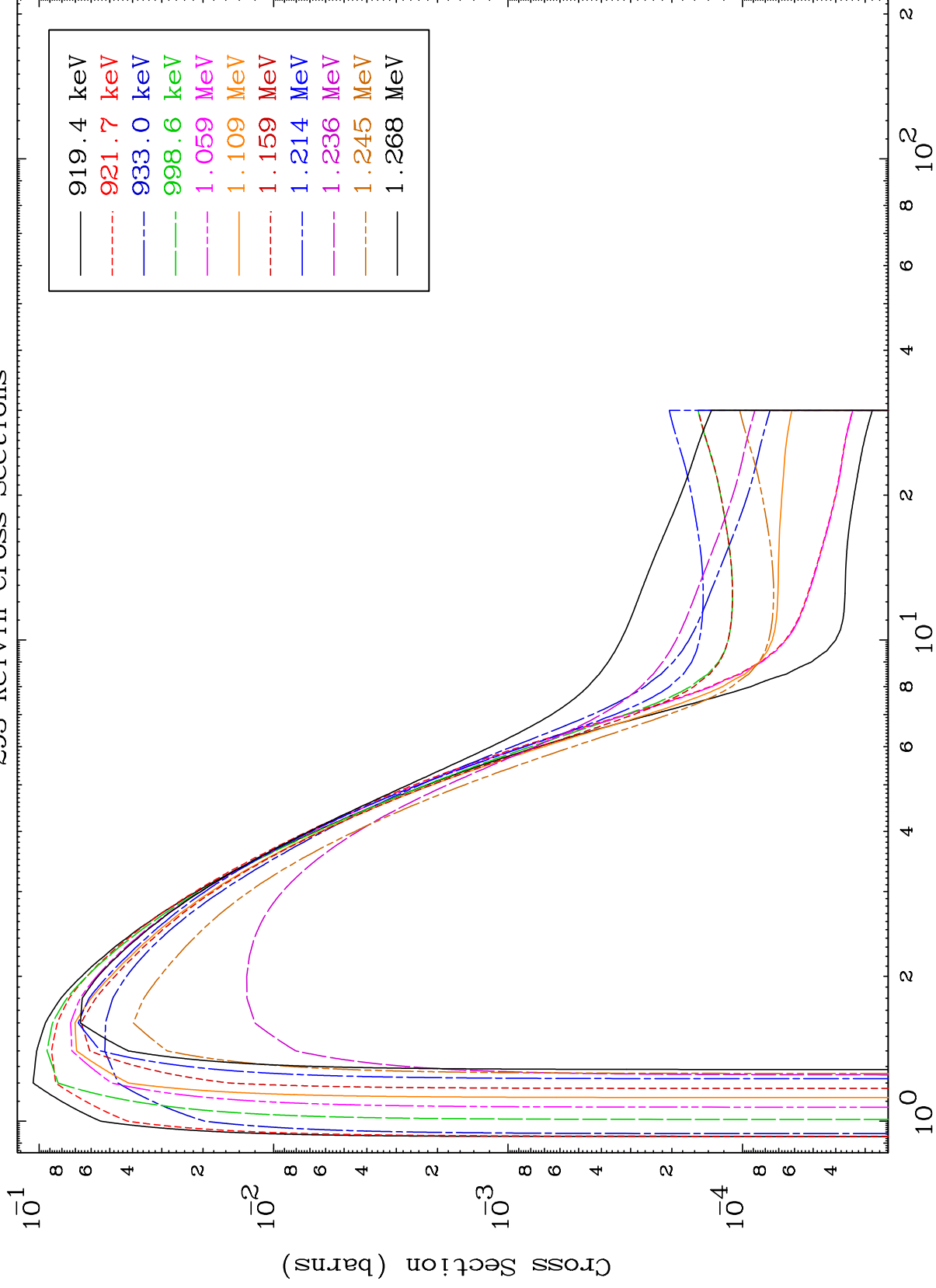




MAT 4828

(n,n') Level
293 Kelvin Cross Sections

48-Cd-107



Incident Energy (MeV)

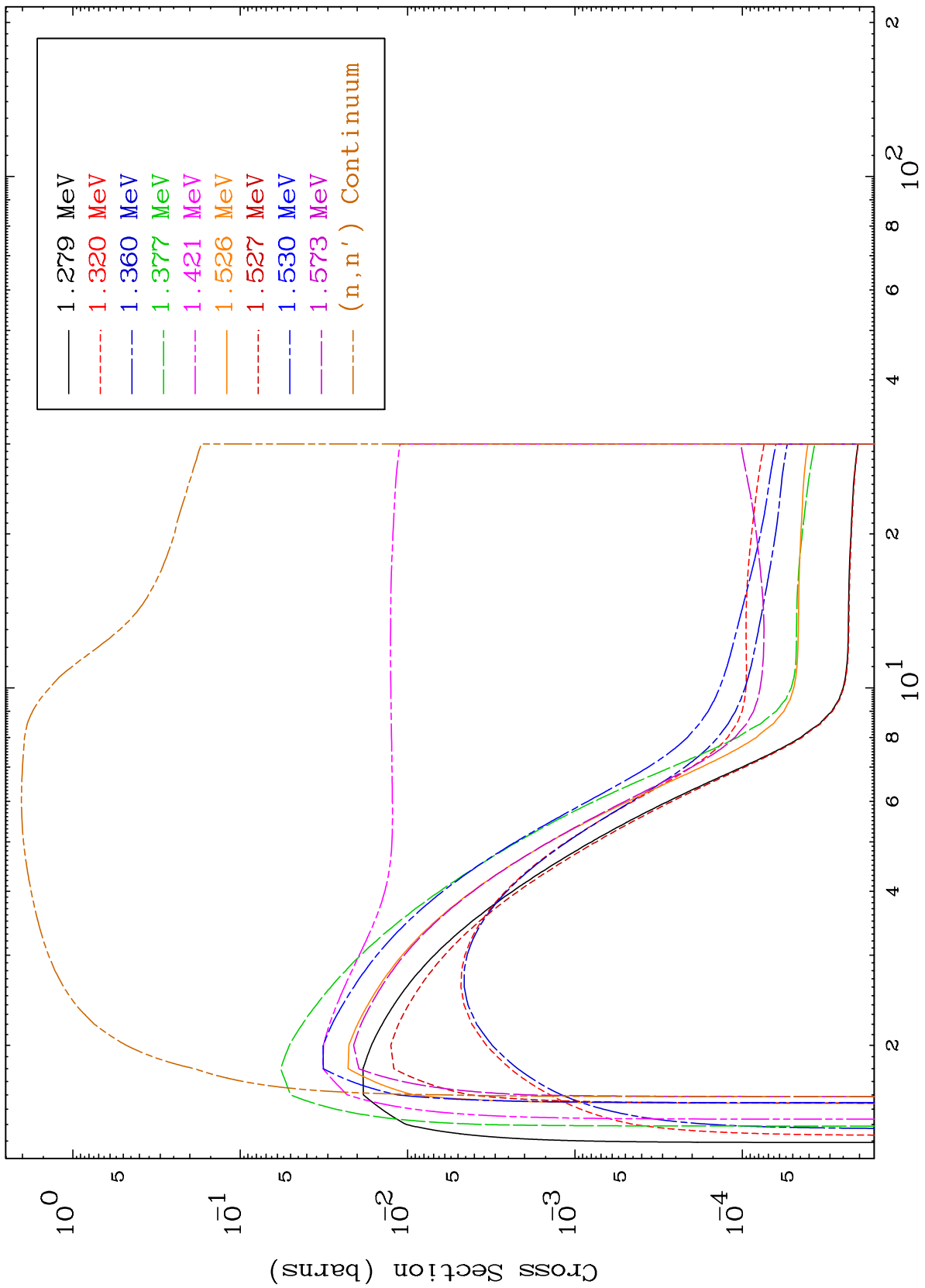
48-Cd-107

MAT 4828

(n,n') Level

48-Cd-107

293 Kelvin Cross Sections



9

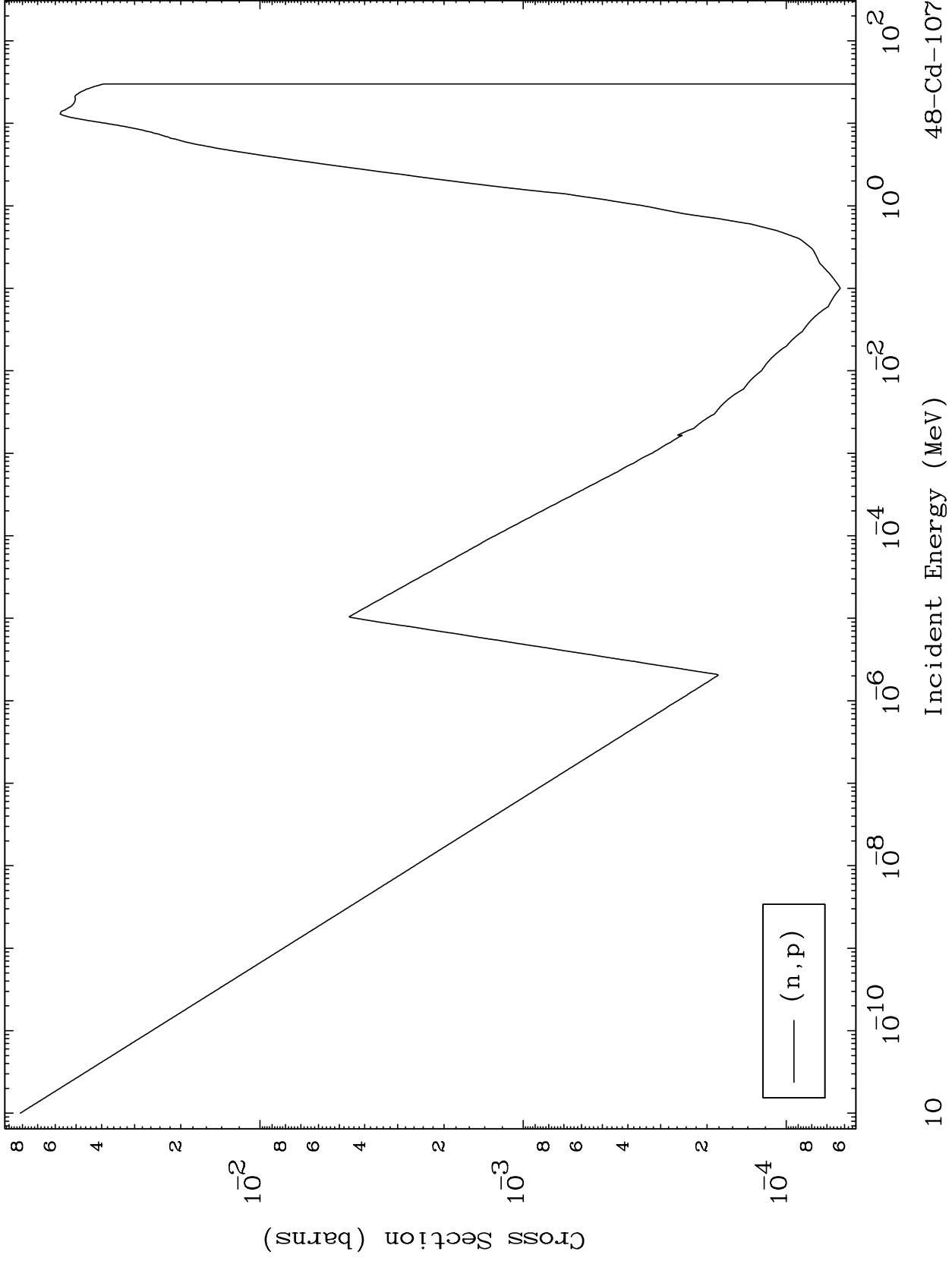
Incident Energy (MeV)

48-Cd-107

MAT 4828

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-107



10

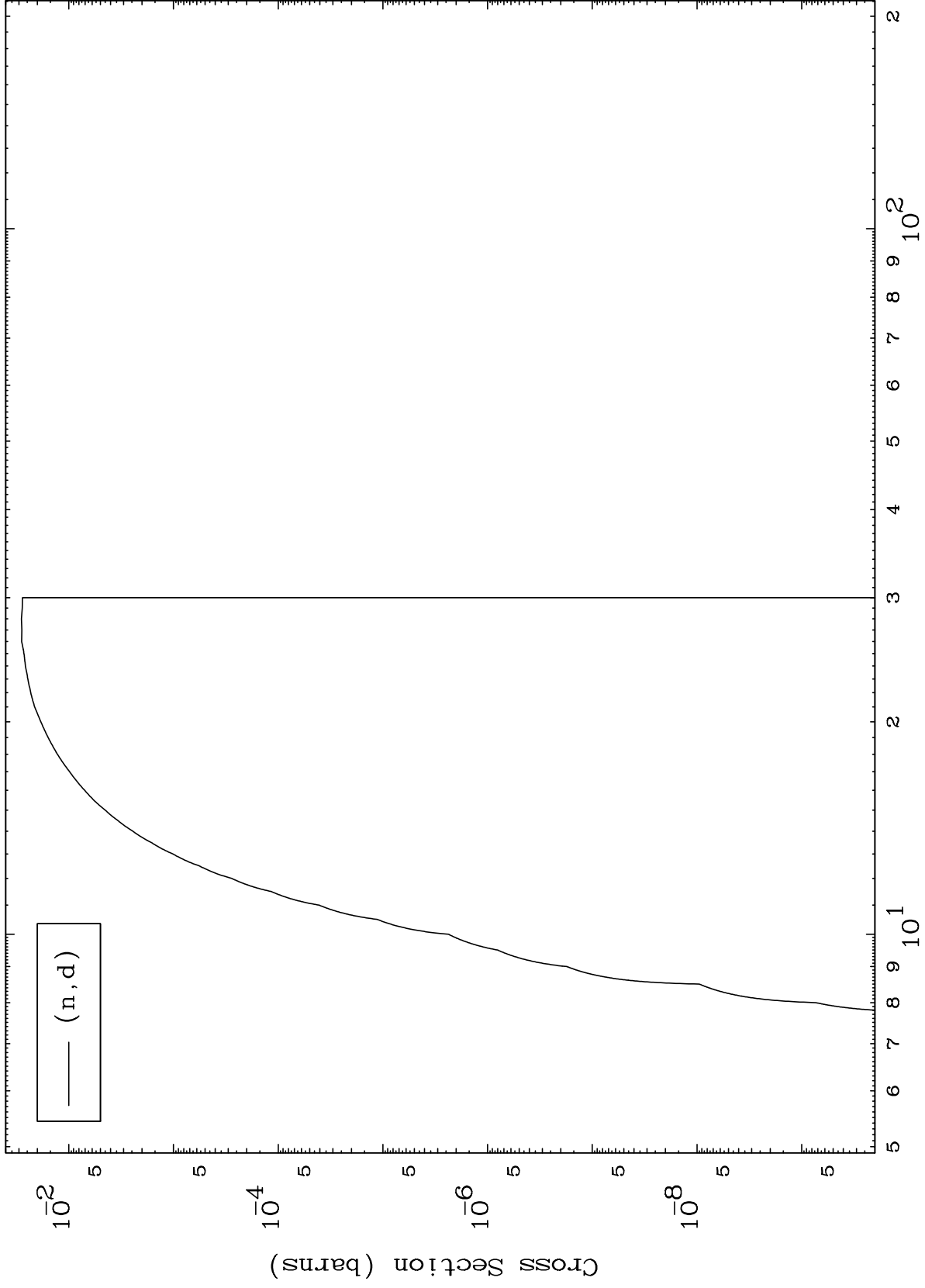
Incident Energy (MeV)

48-Cd-107

MAT 4828

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-107



11

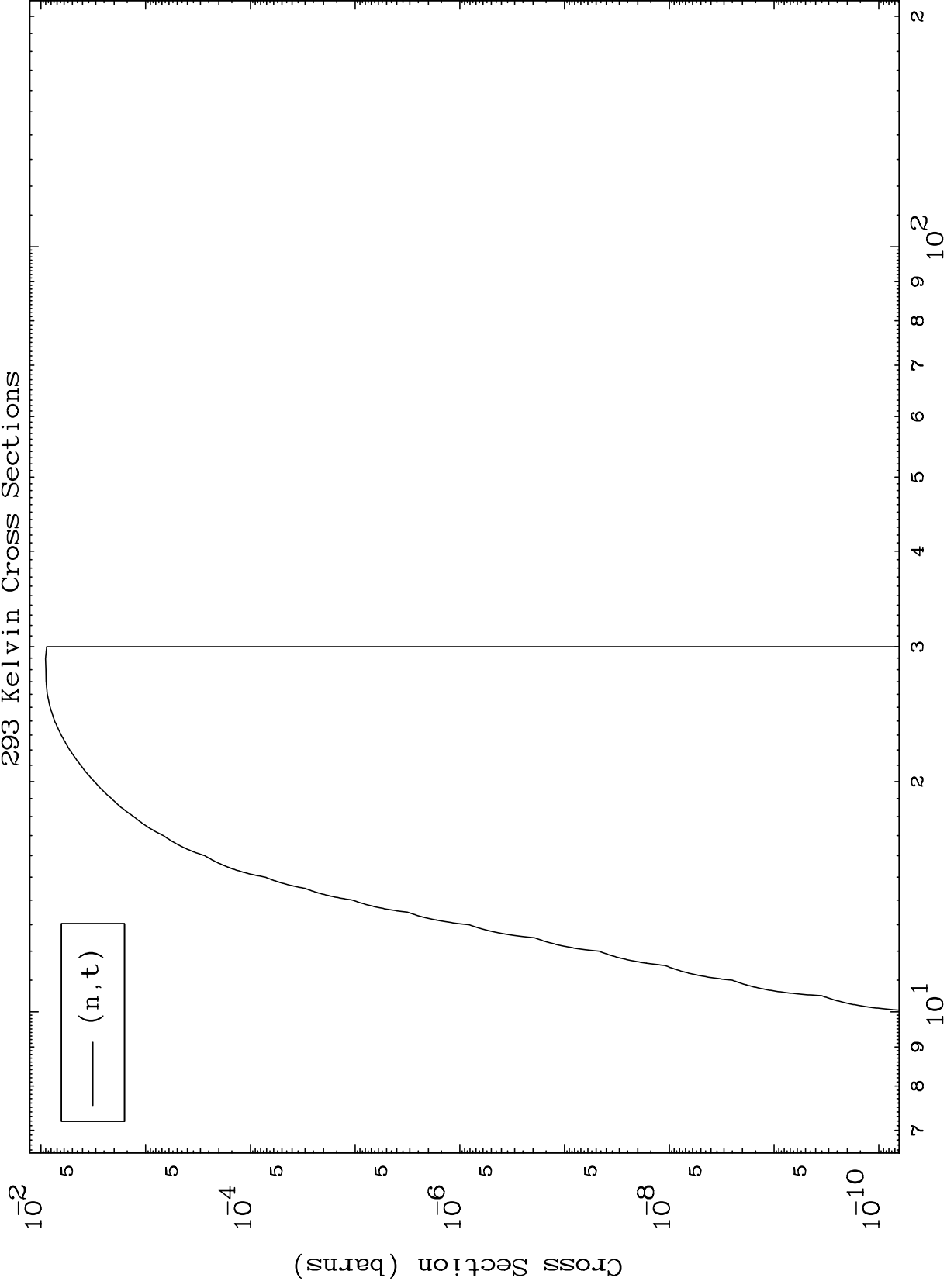
Incident Energy (MeV)

48-Cd-107

MAT 4828

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-107



12

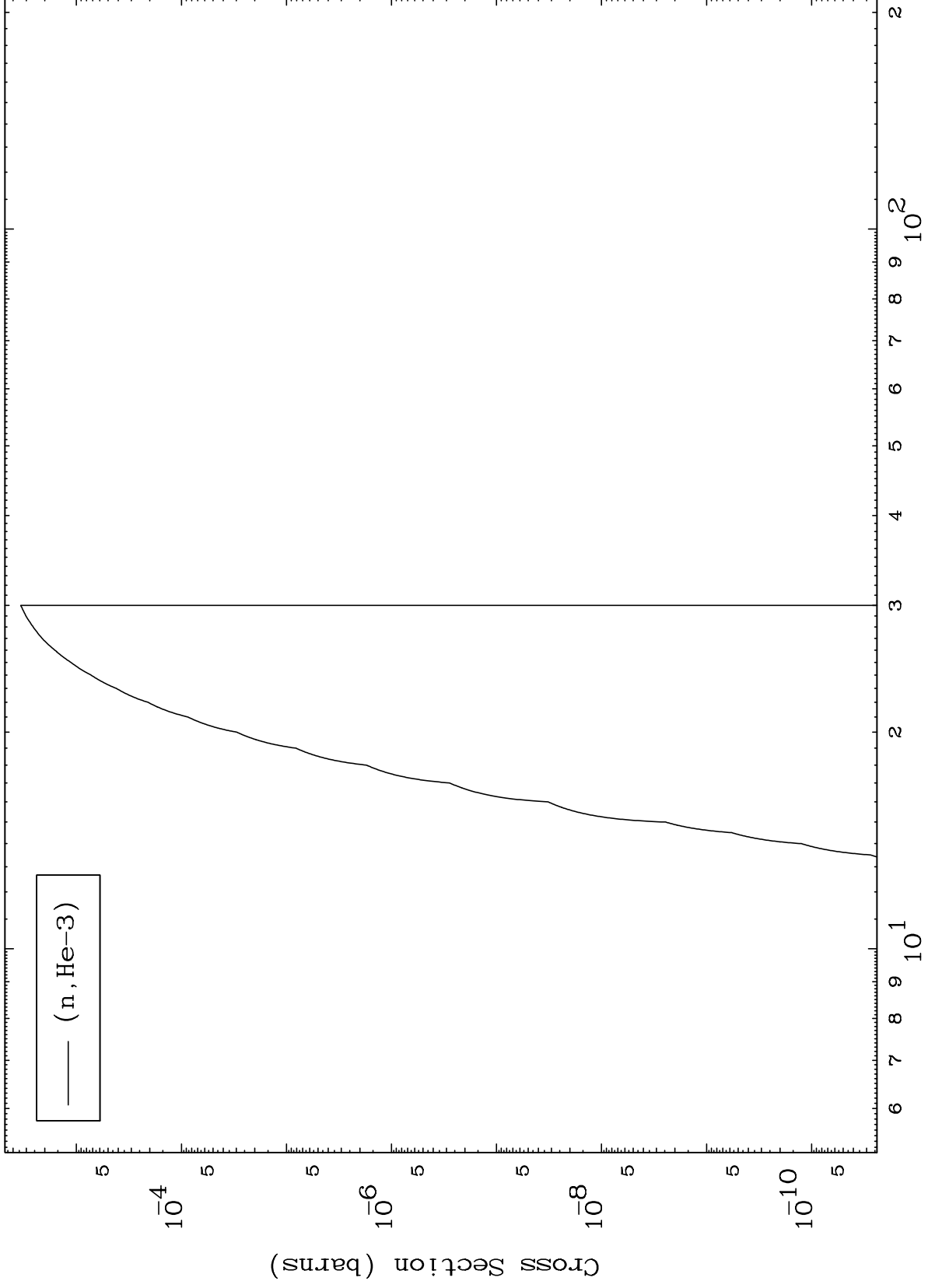
Incident Energy (MeV)

48-Cd-107

MAT 4828

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-107



13

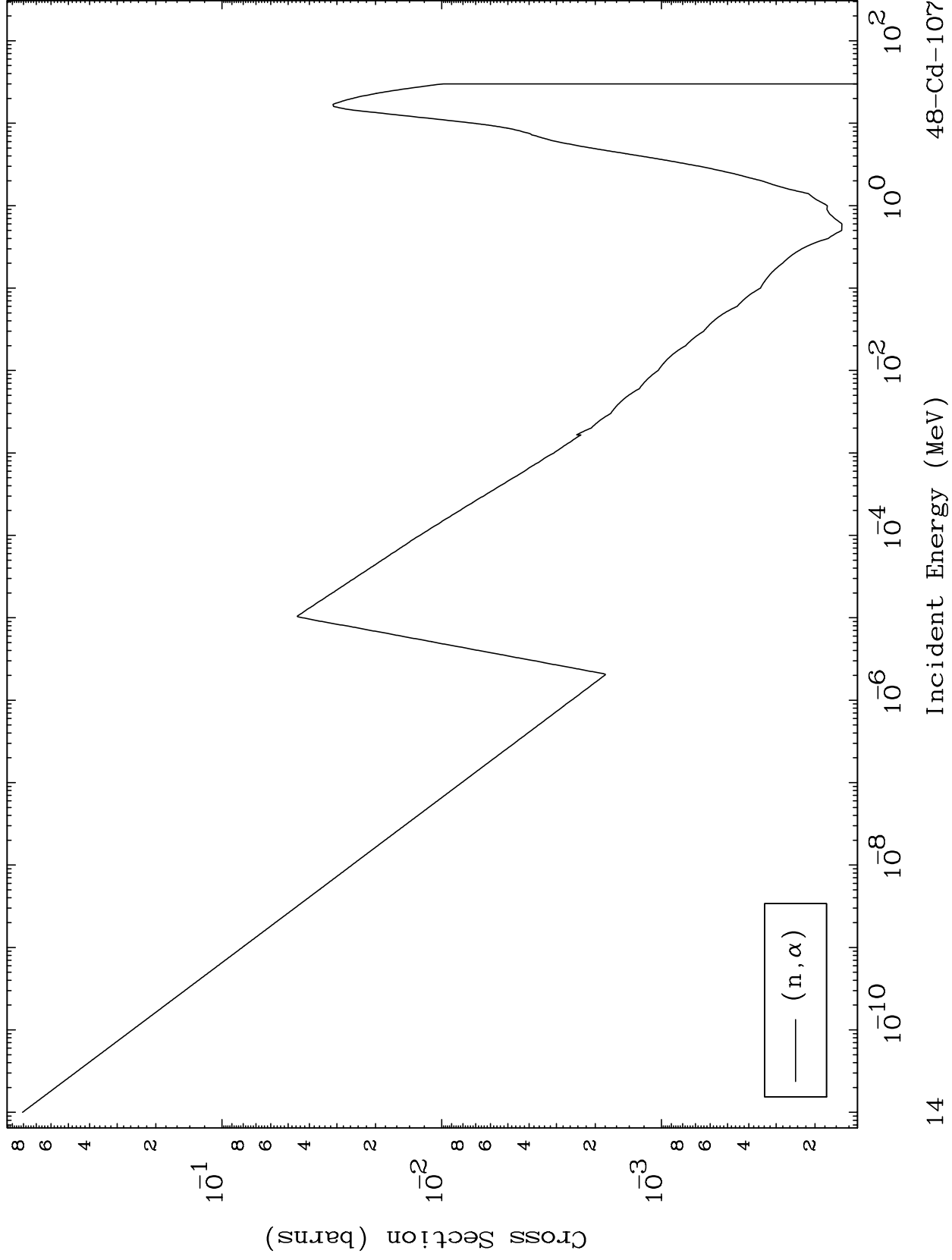
Incident Energy (MeV)

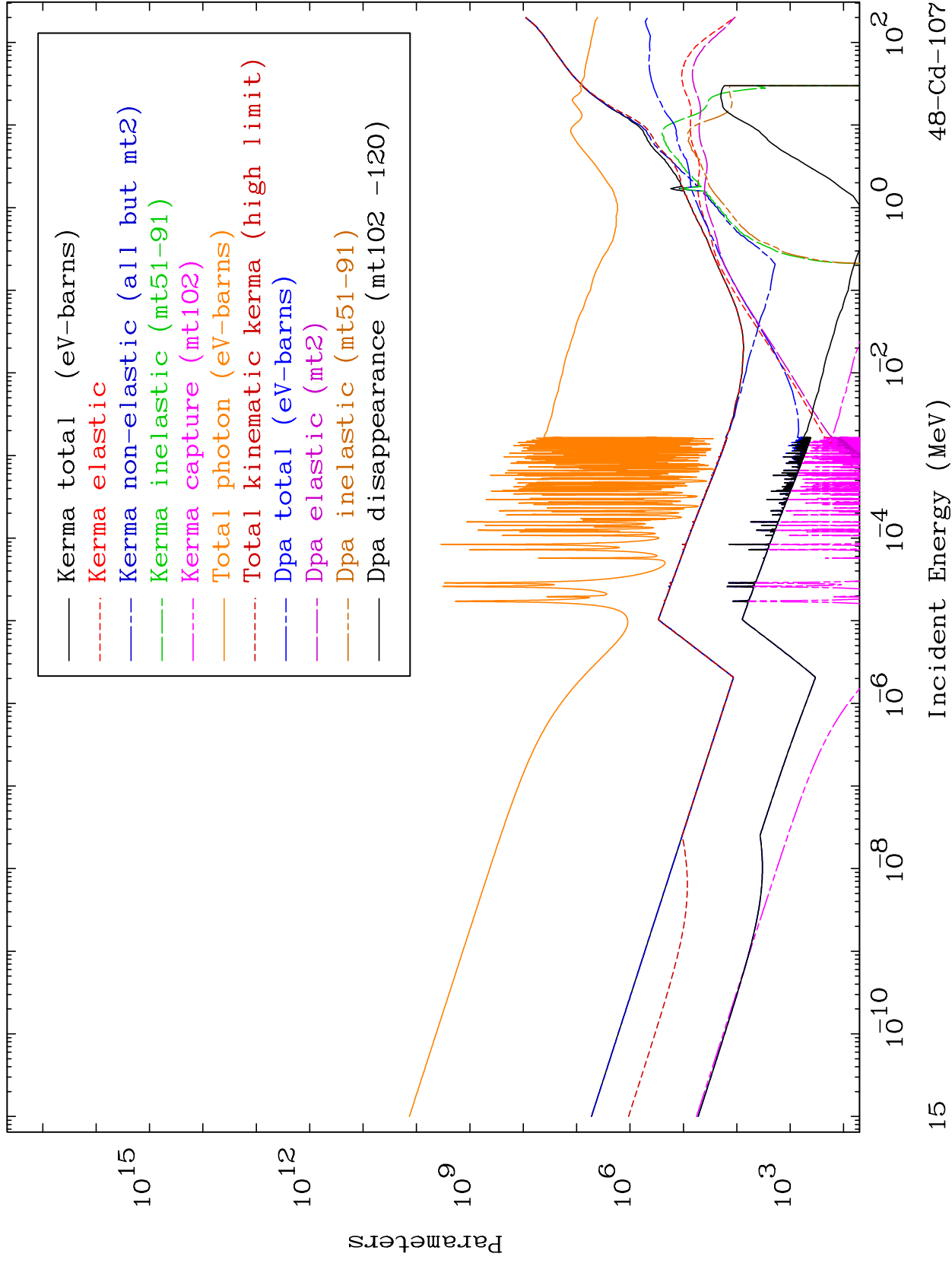
48-Cd-107

MAT 4828

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-107

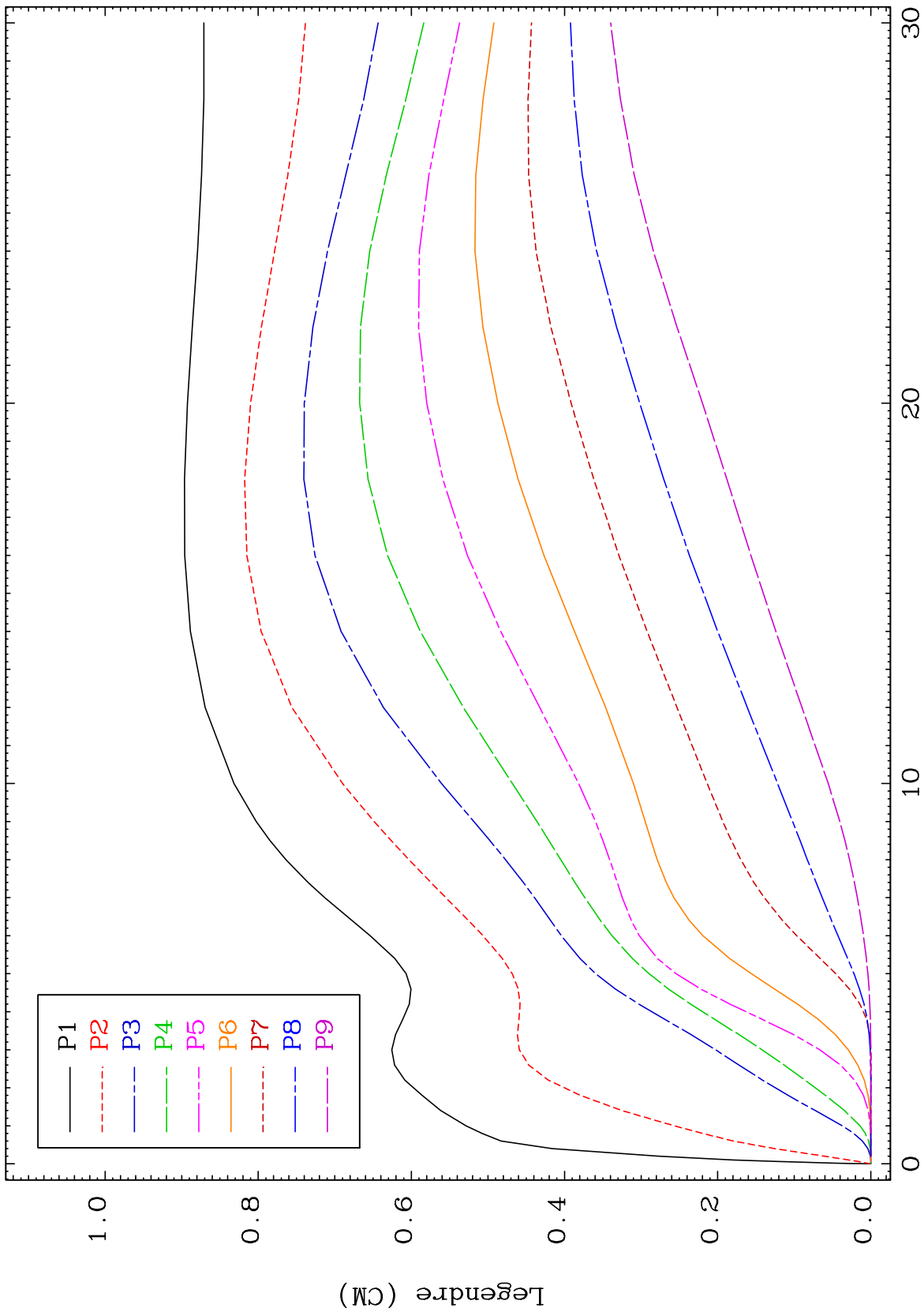




MAT 4828

Elastic Legendre Coefficients

48-Cd-107



16

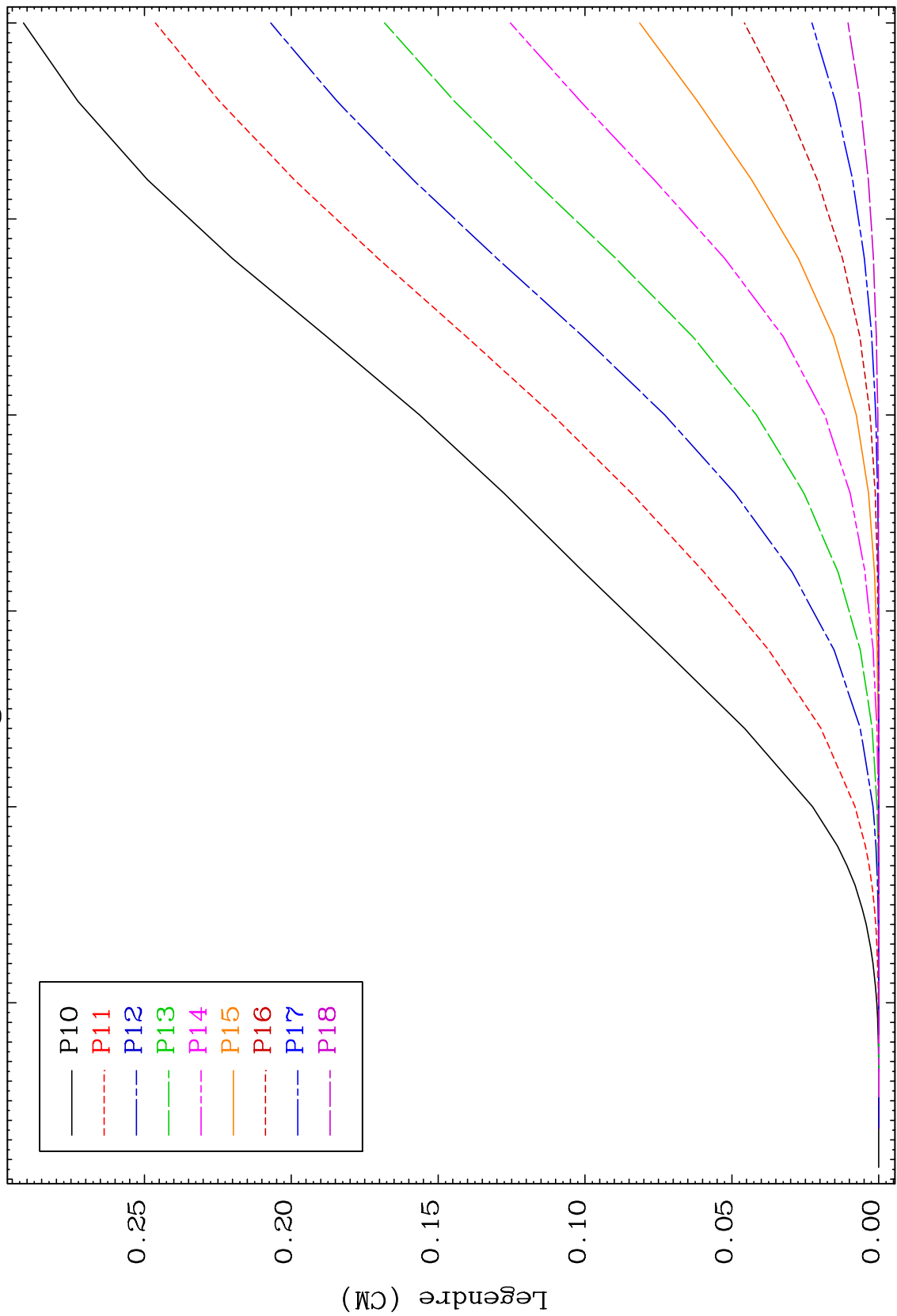
Incident Energy (MeV)

48-Cd-107

MAT 4828

Elastic Legendre Coefficients

48-Cd-107



17

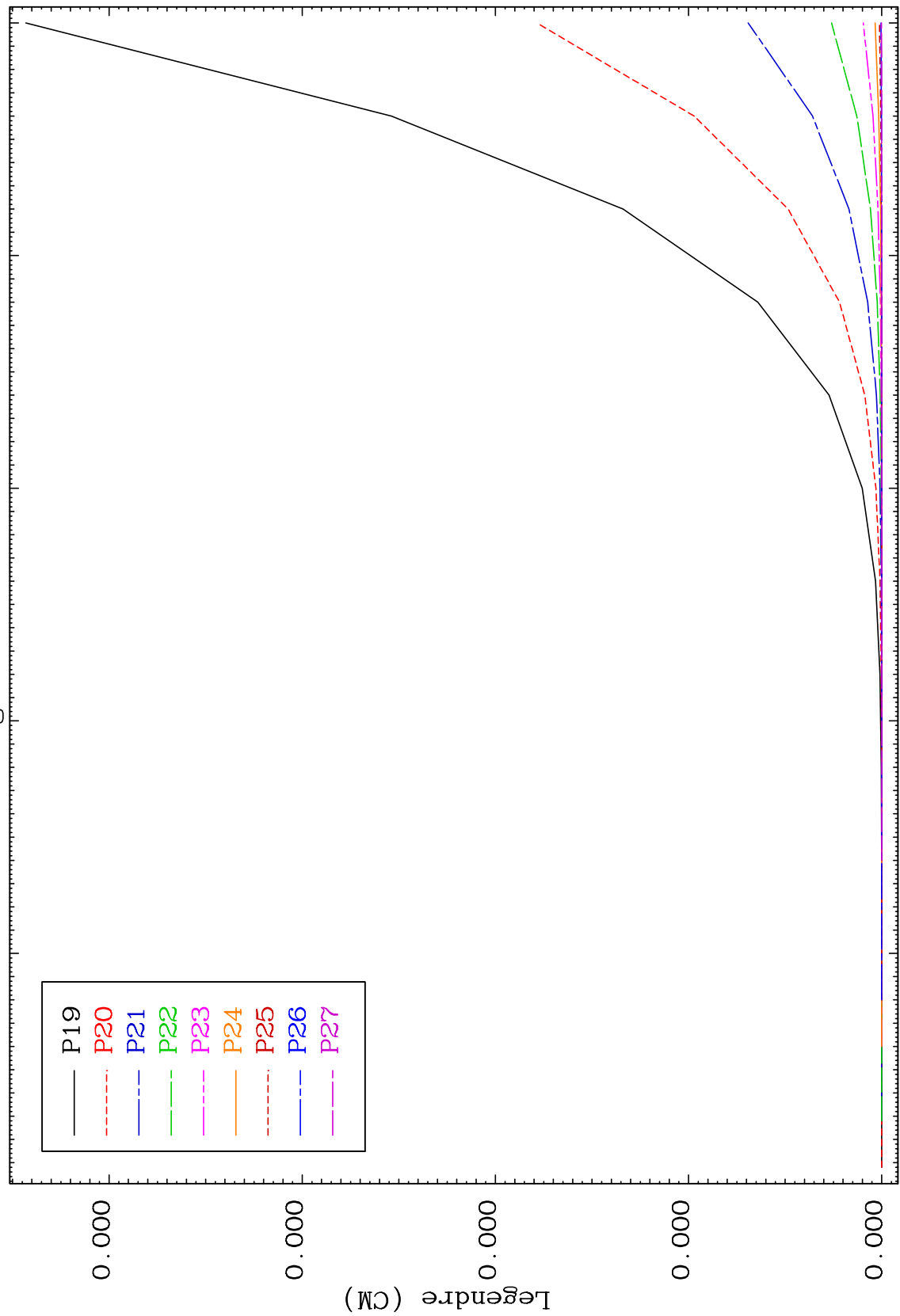
Incident Energy (MeV)

48-Cd-107

MAT 4828

Elastic Legendre Coefficients

48-Cd-107



18

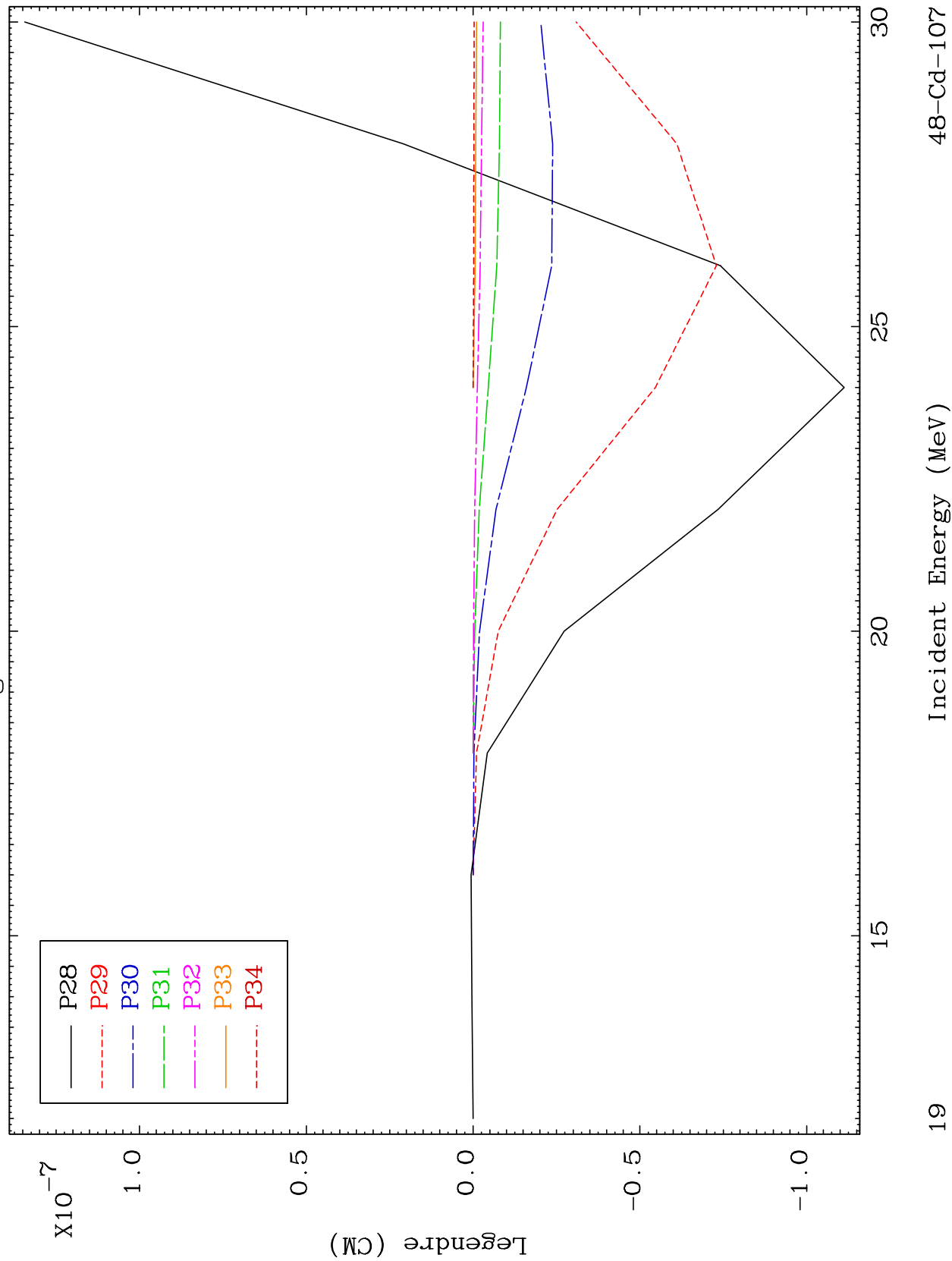
Incident Energy (MeV)

48-Cd-107

MAT 4828

Elastic Legendre Coefficients

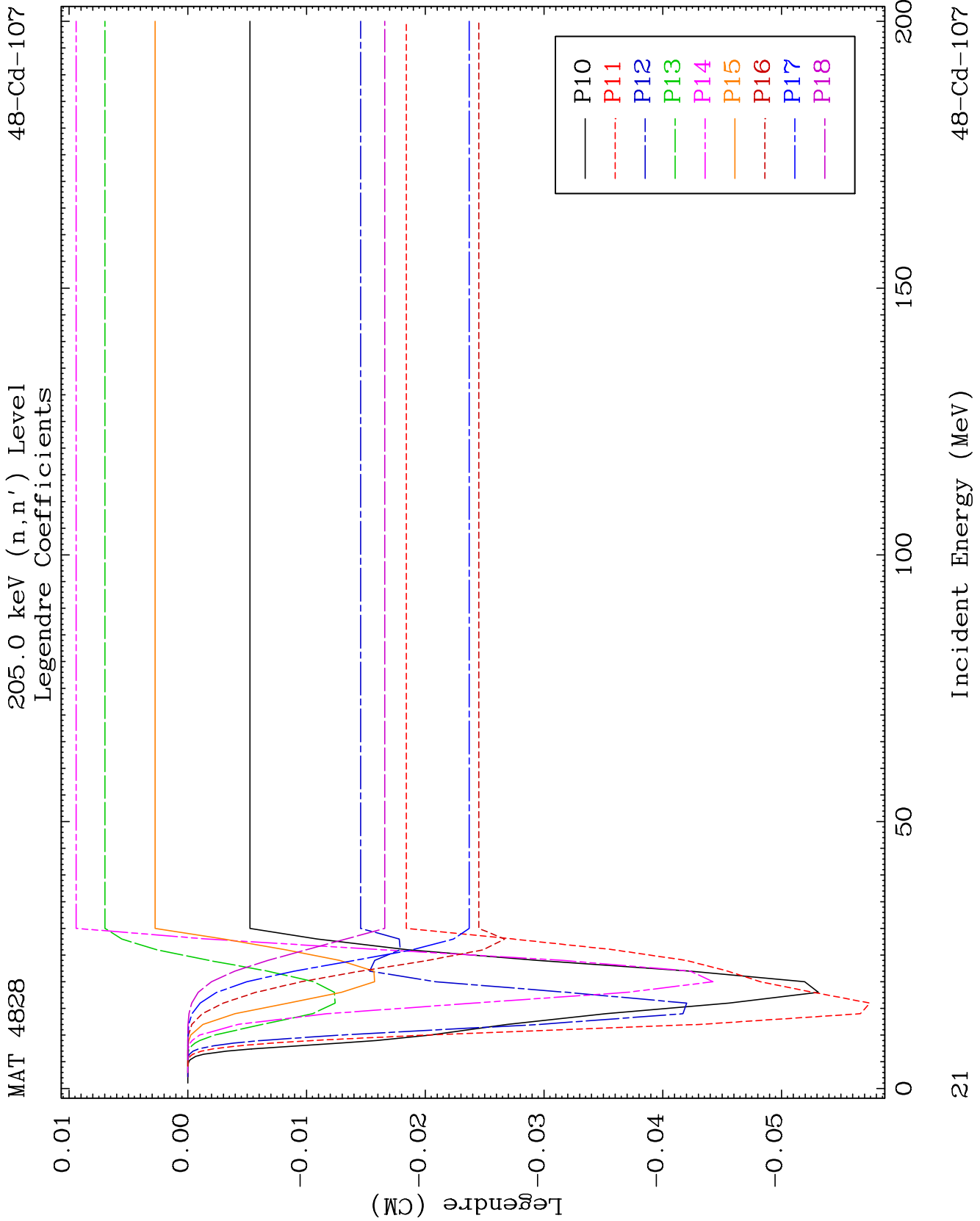
48-Cd-107

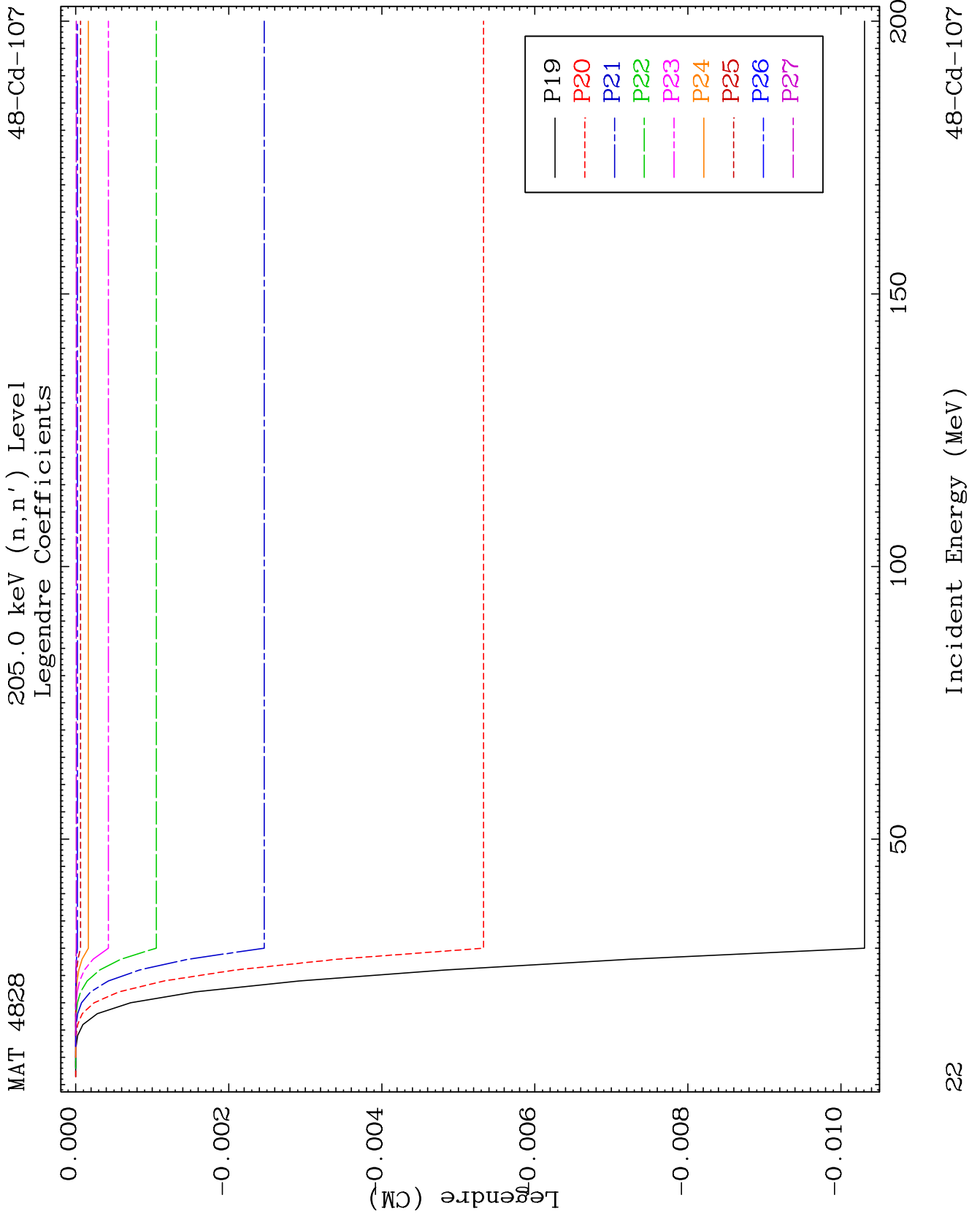


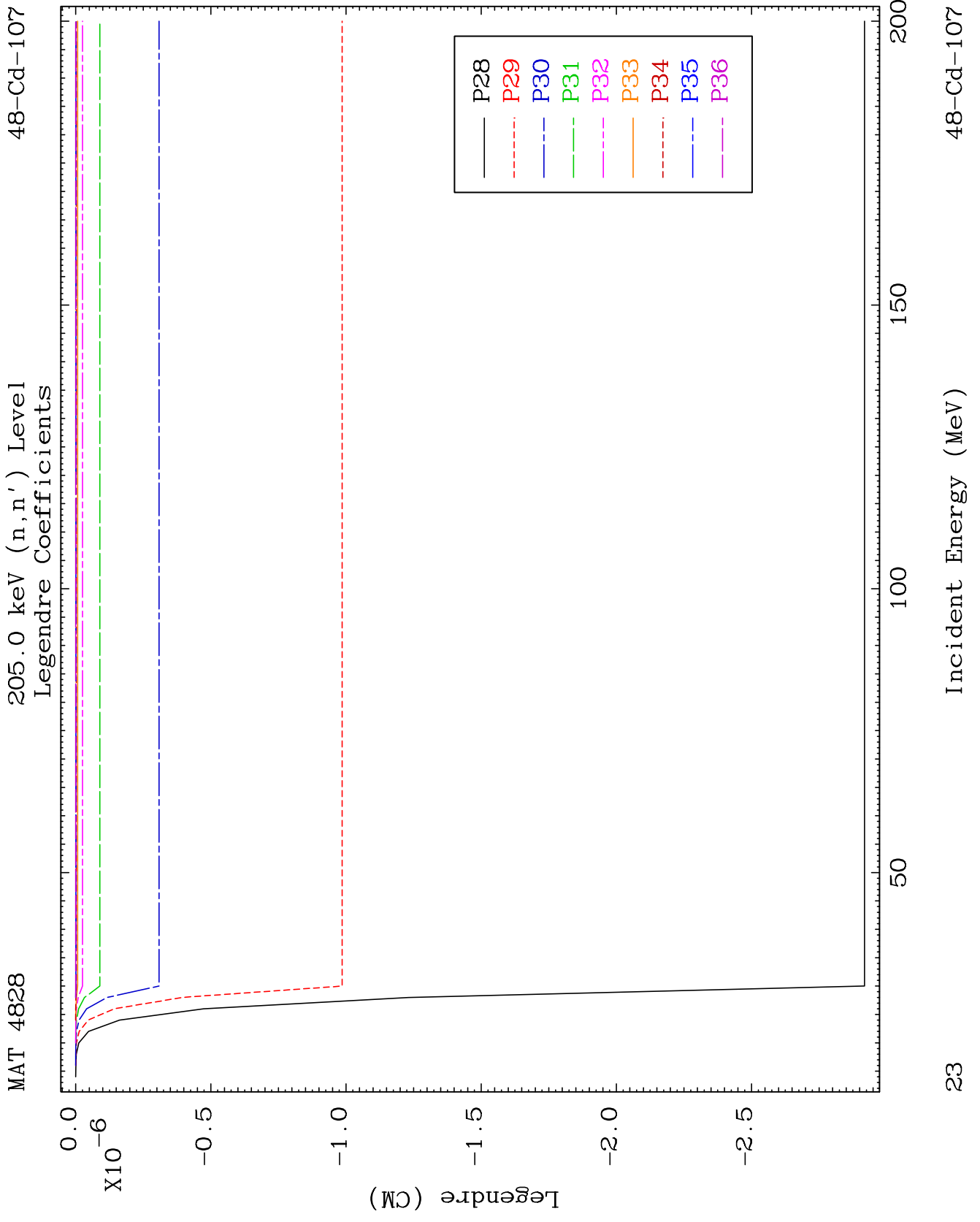
19

Incident Energy (MeV)

48-Cd-107



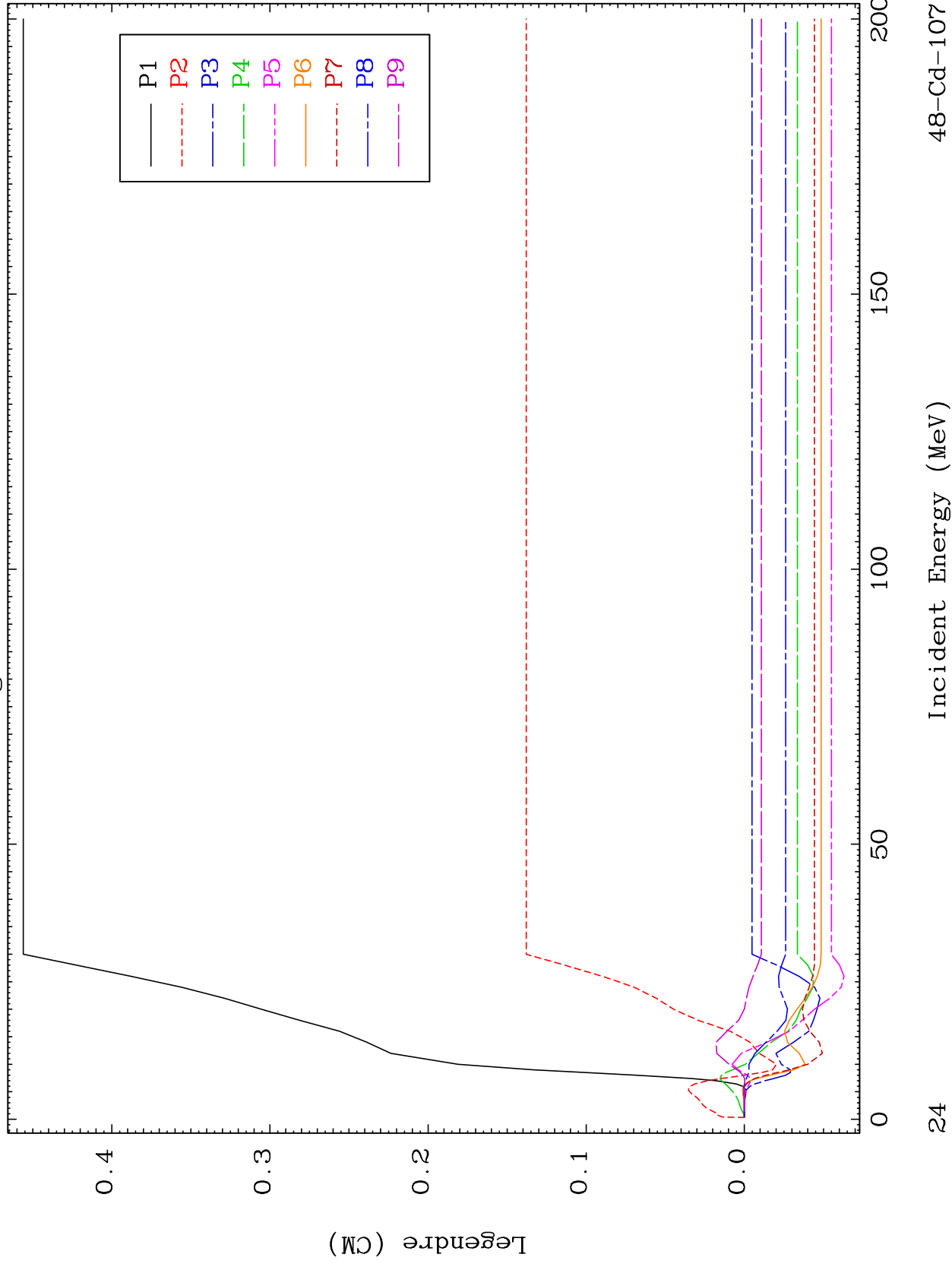




MAT 4828

320.9 keV (n,n') Level
Legendre Coefficients

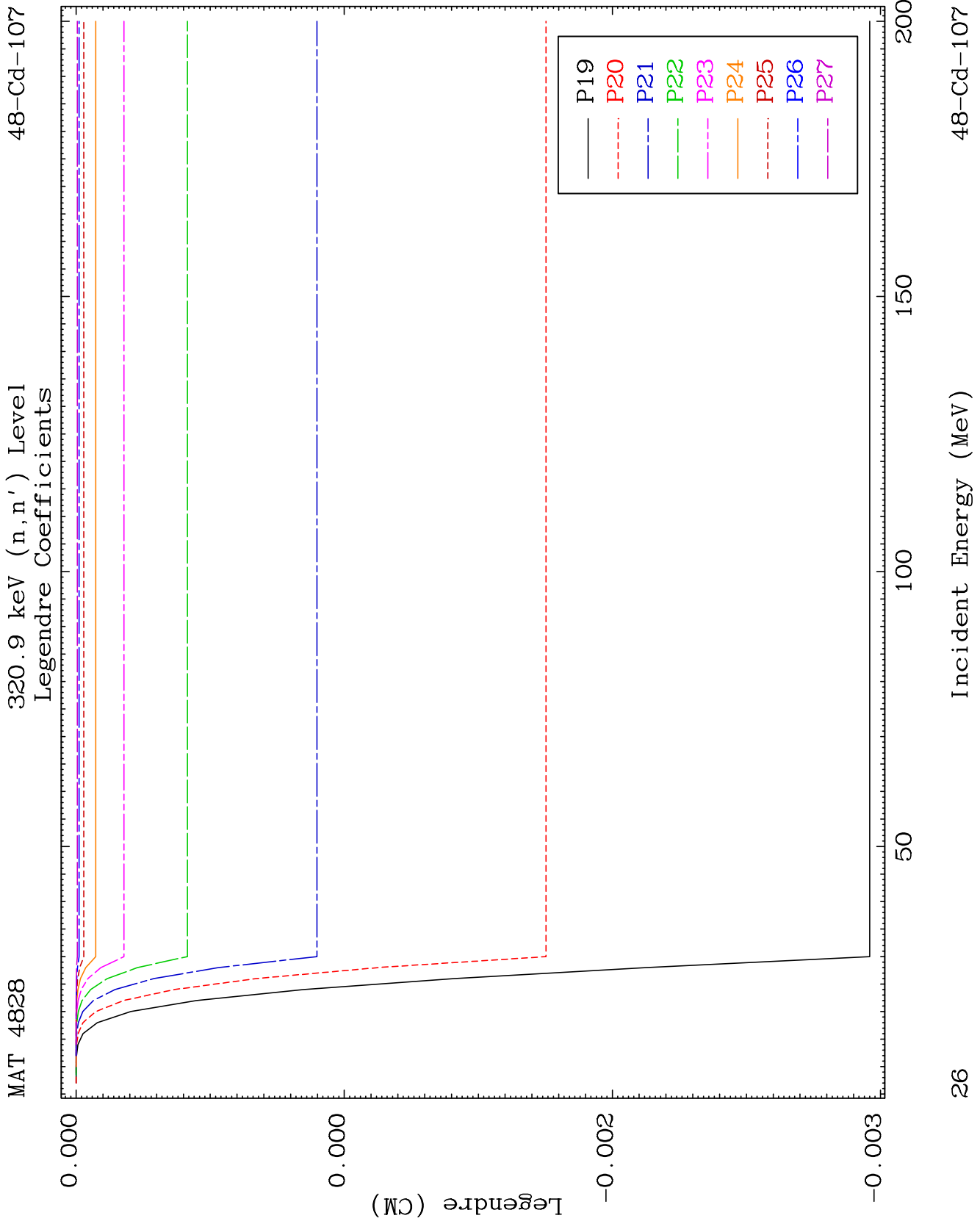
48-Cd-107



48-Cd-107

Incident Energy (MeV)

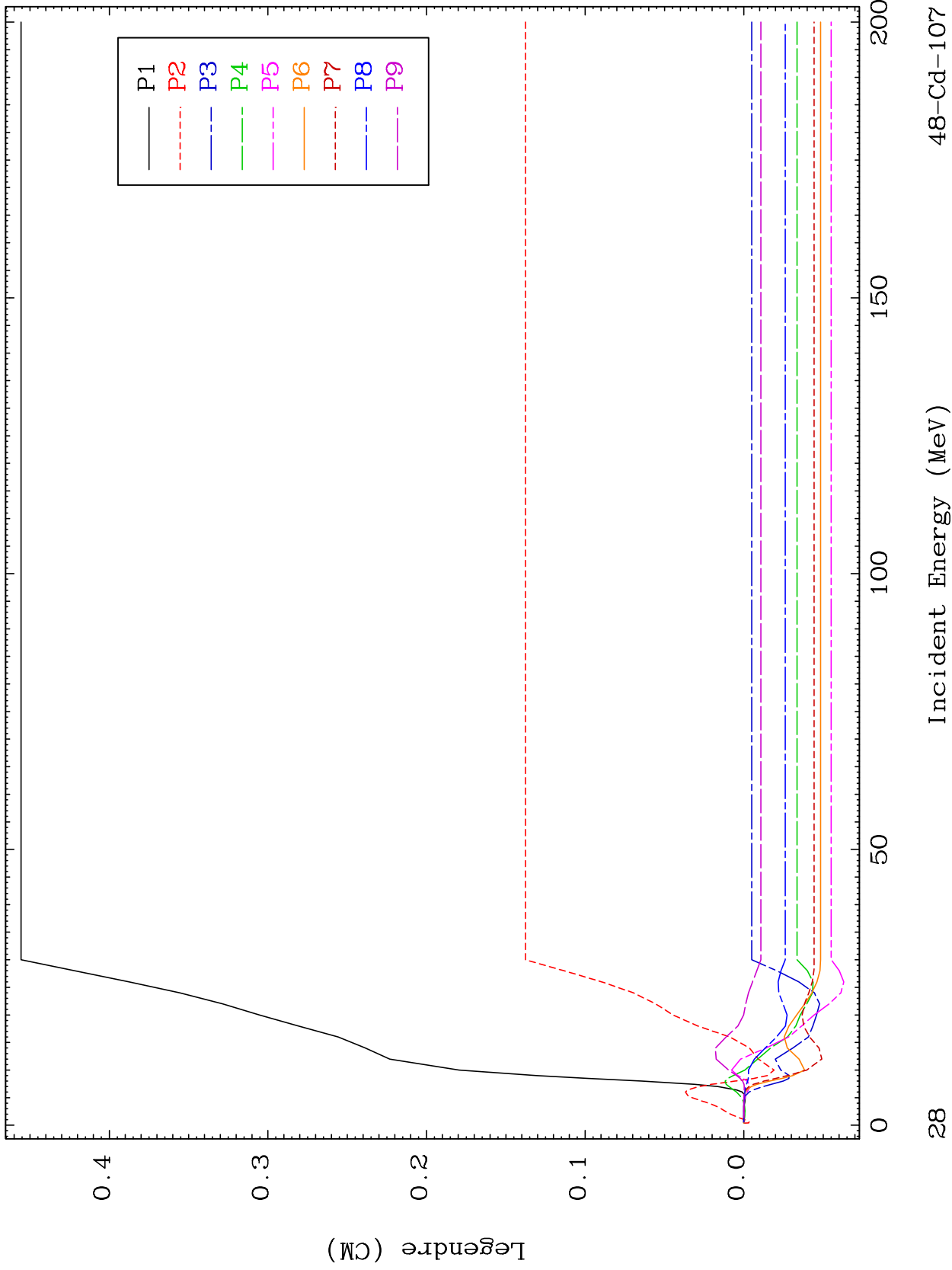
24



MAT 4828

365.3 keV (n,n') Level
Legendre Coefficients

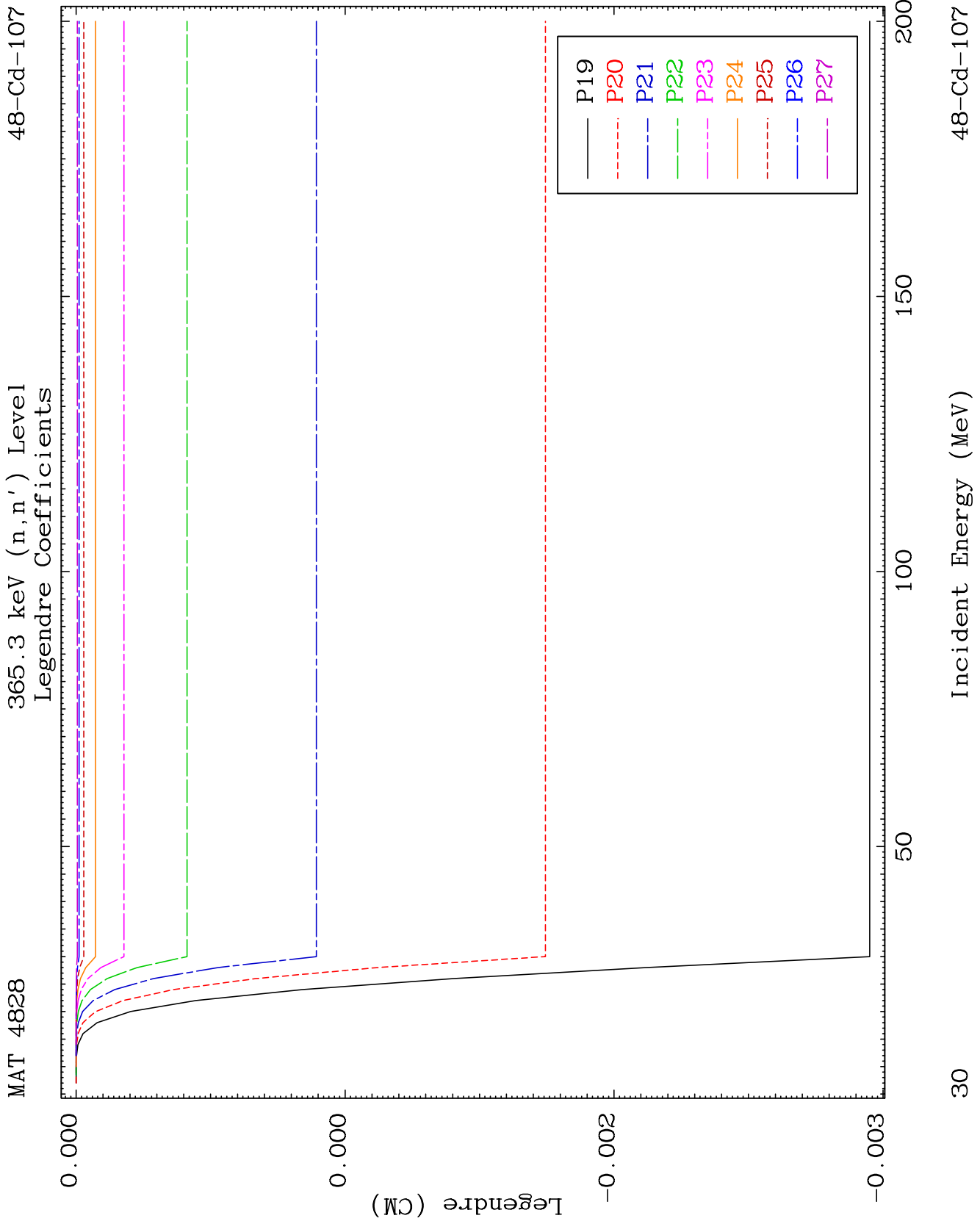
48-Cd-107

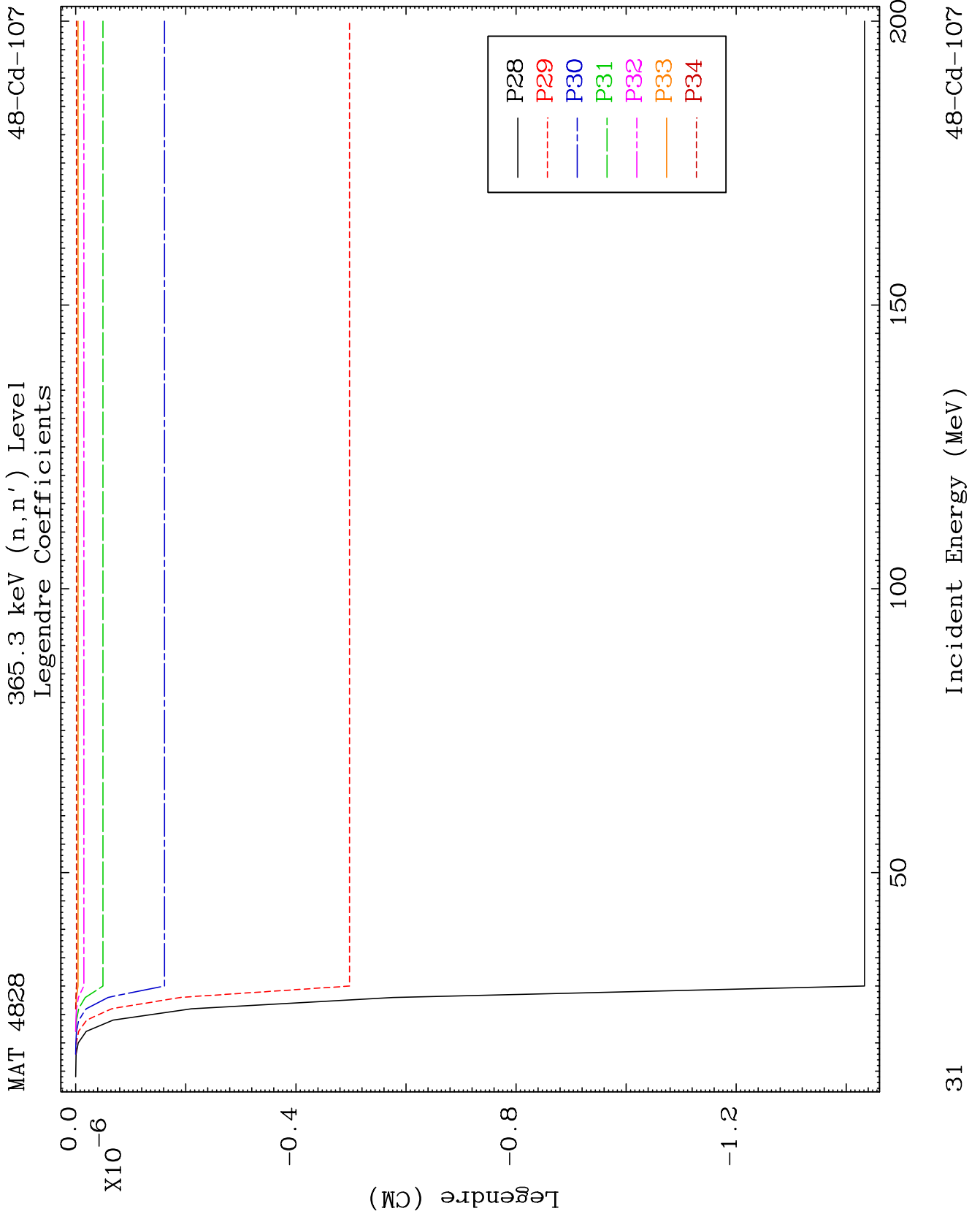


28

Incident Energy (MeV)

48-Cd-107

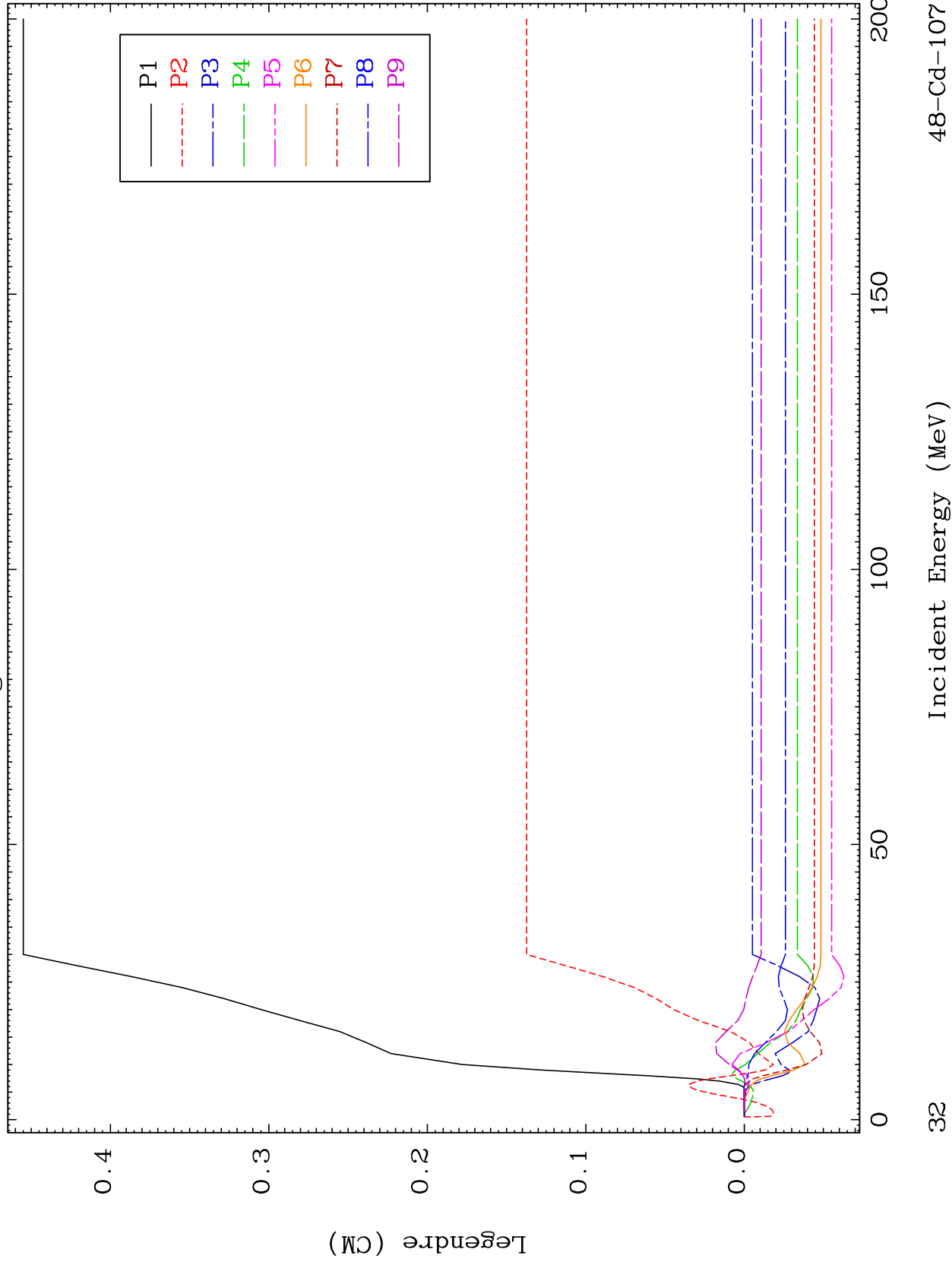




MAT 4828

457.8 keV (n,n') Level
Legendre Coefficients

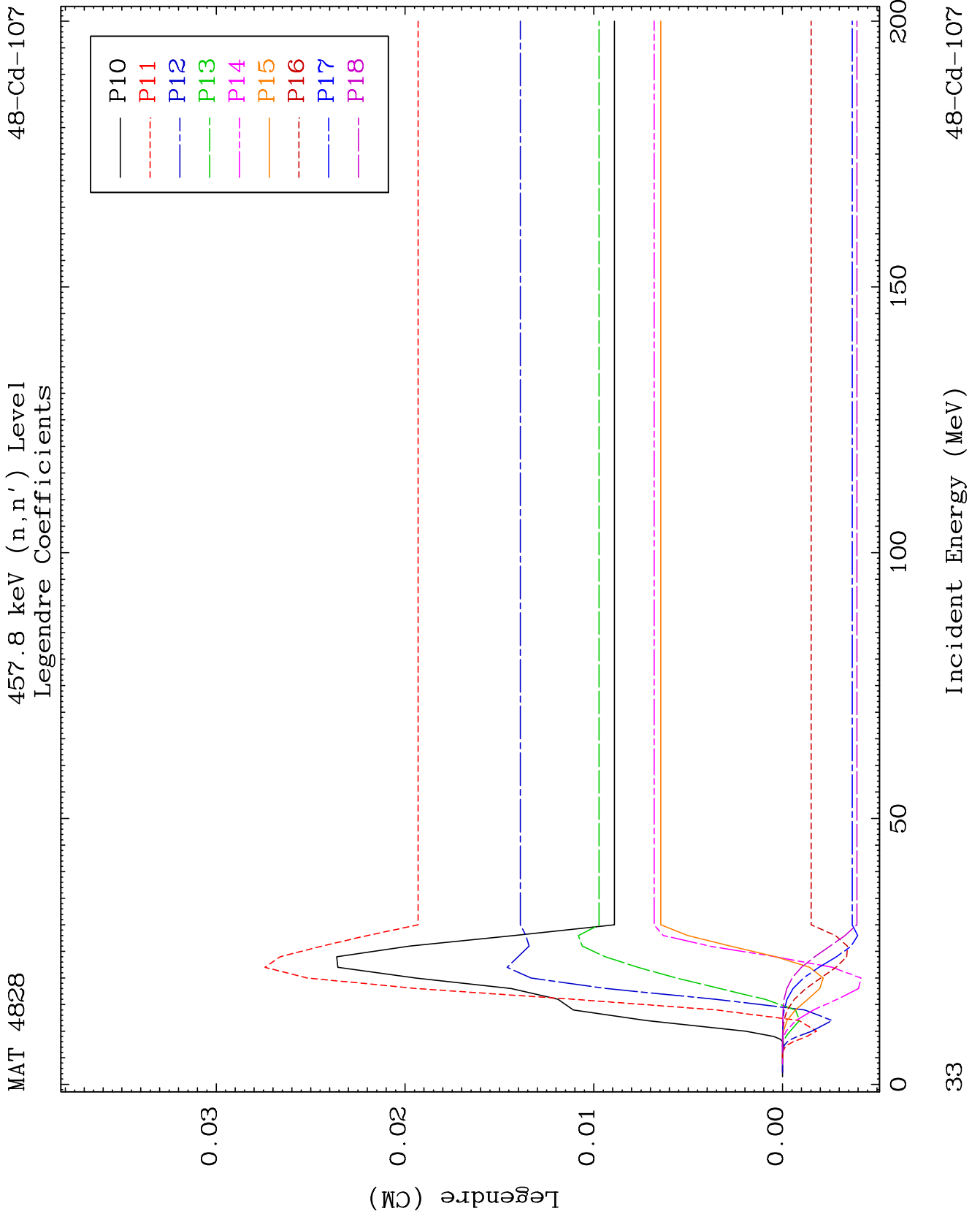
48-Cd-107

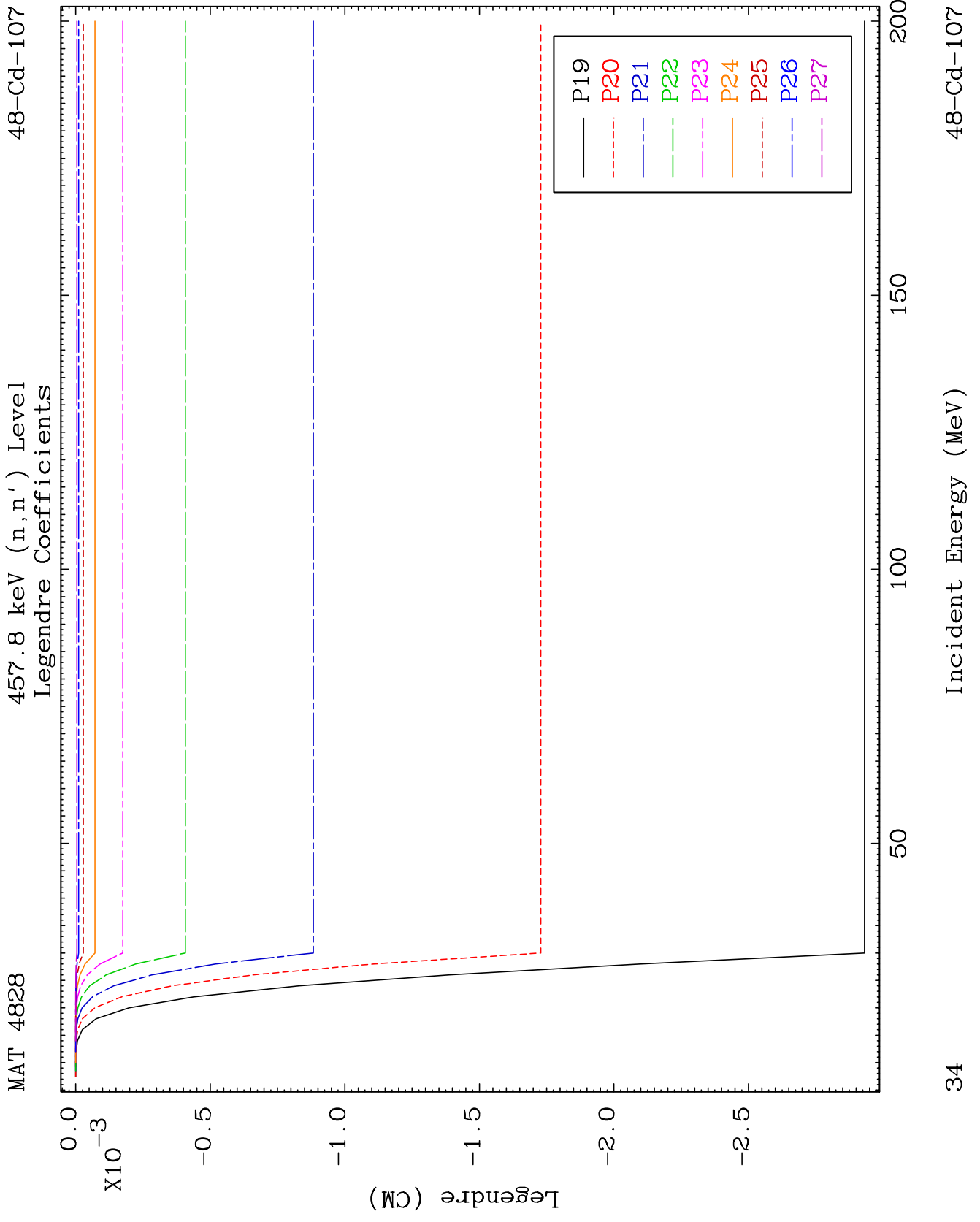


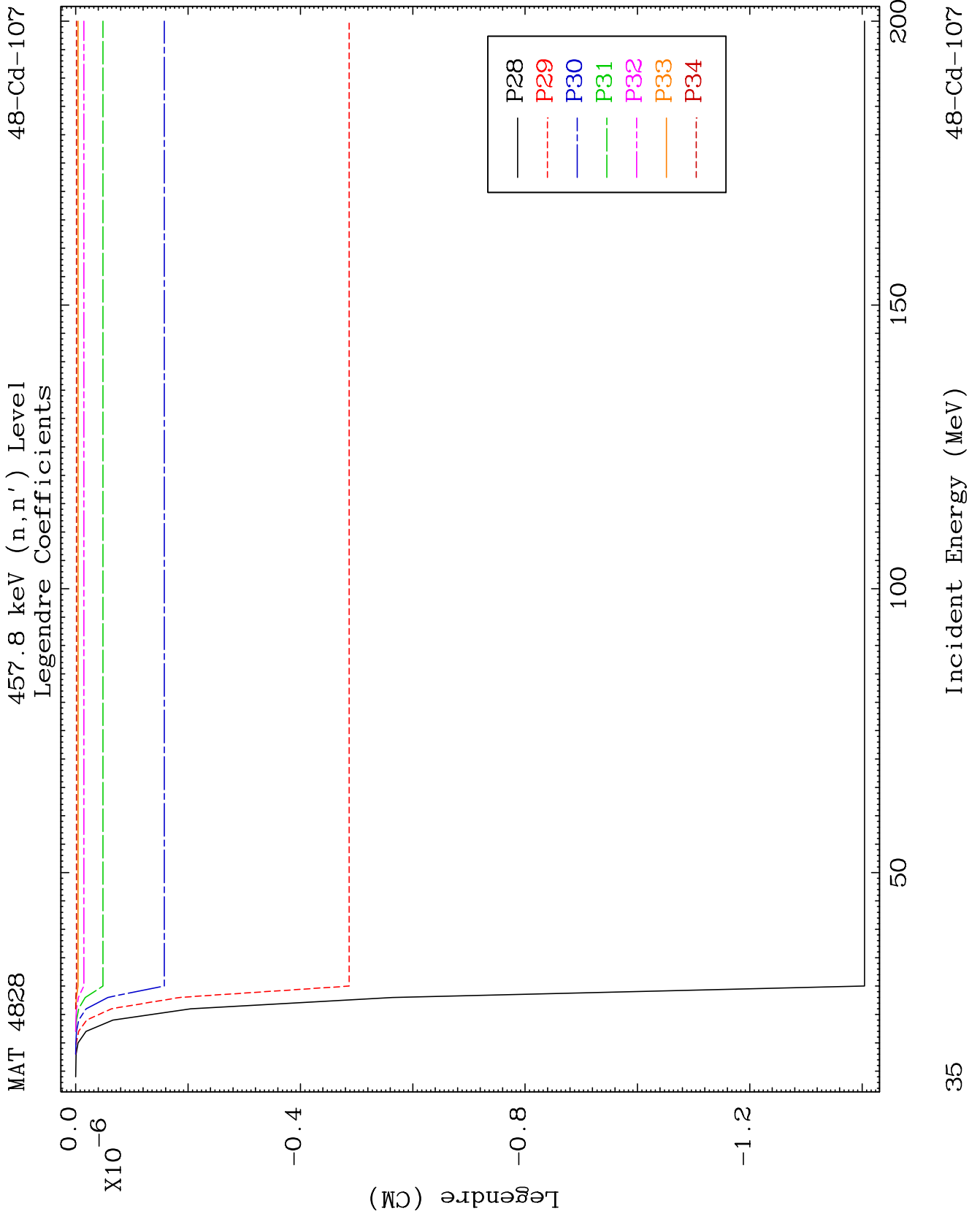
48-Cd-107

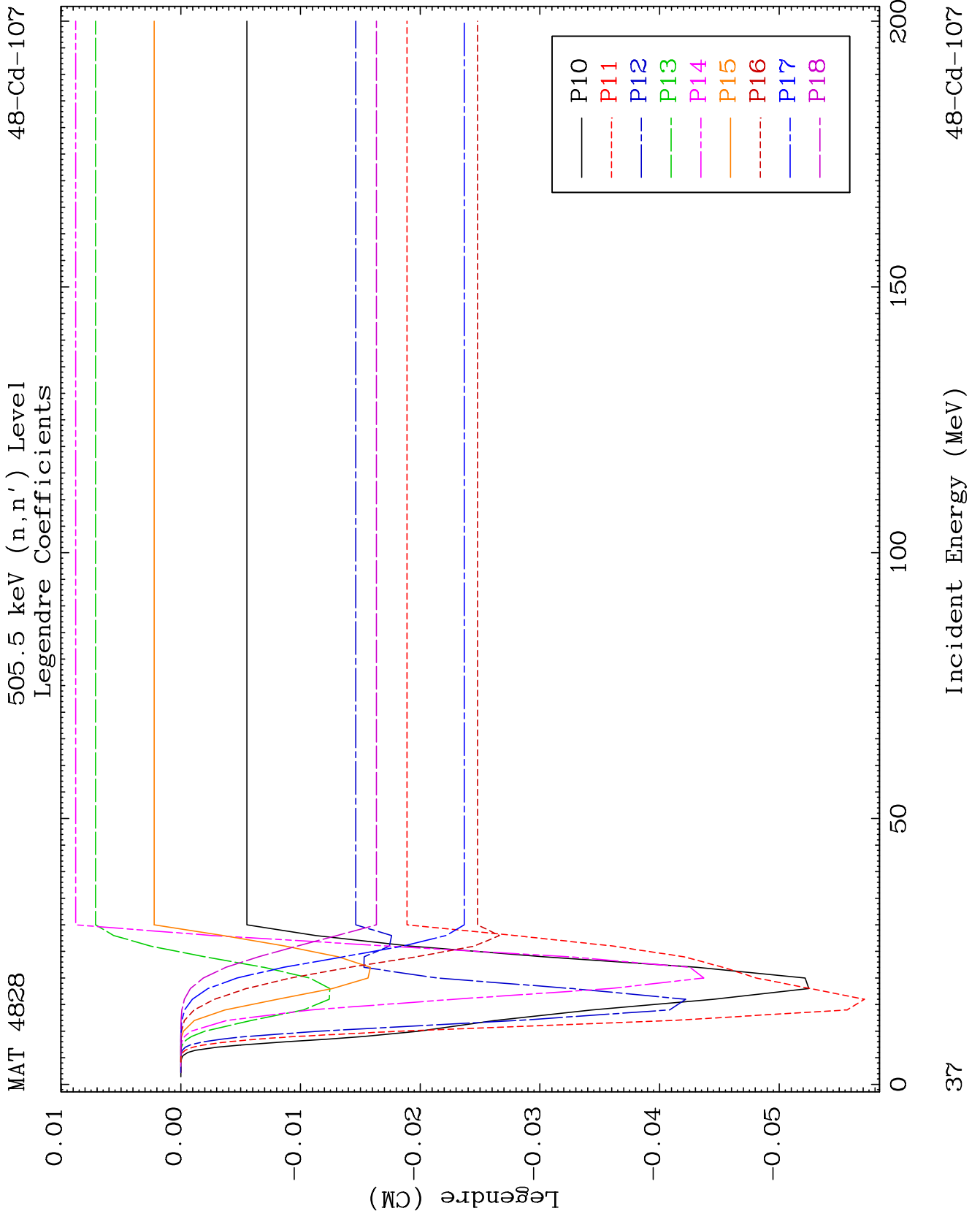
Incident Energy (MeV)

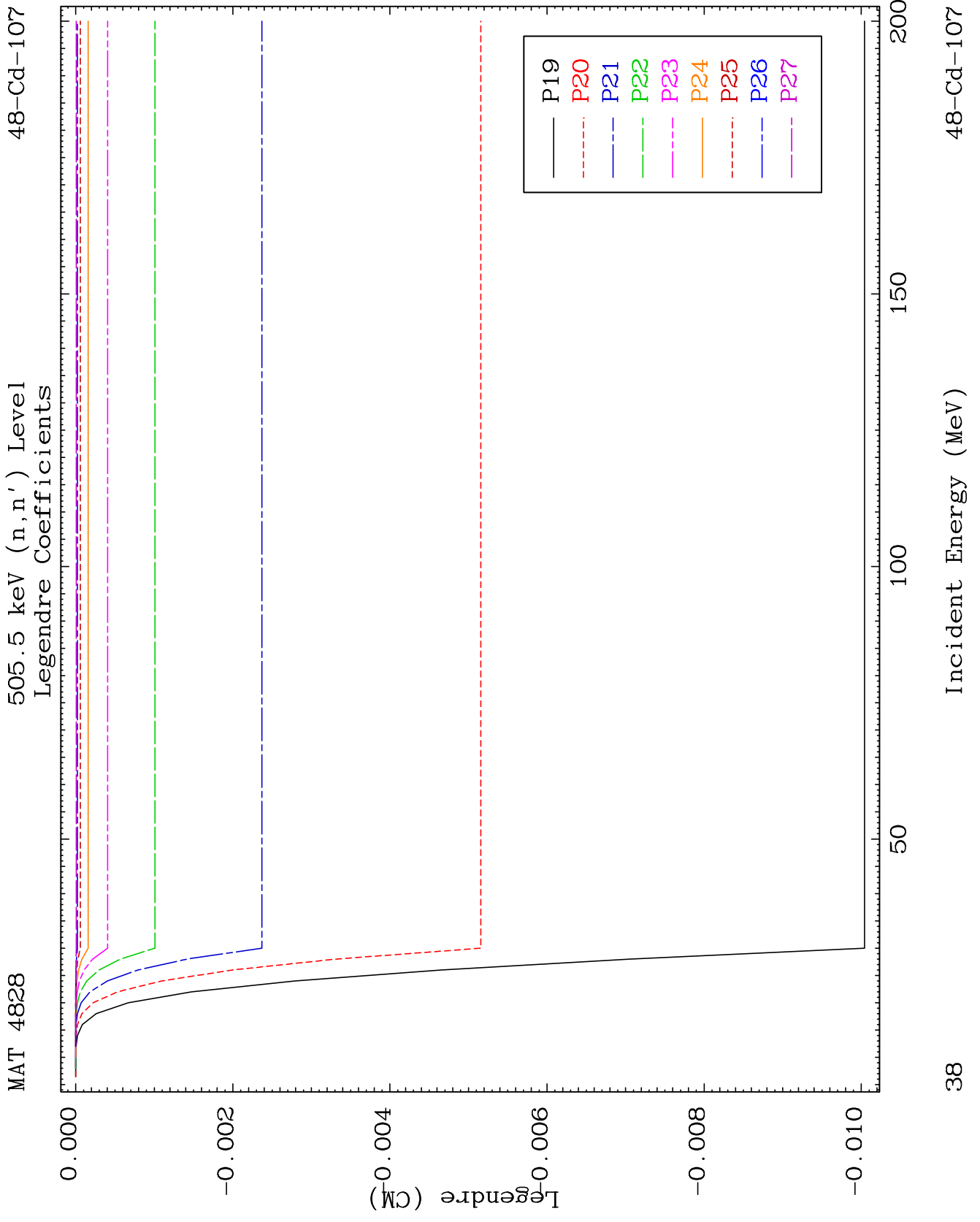
32







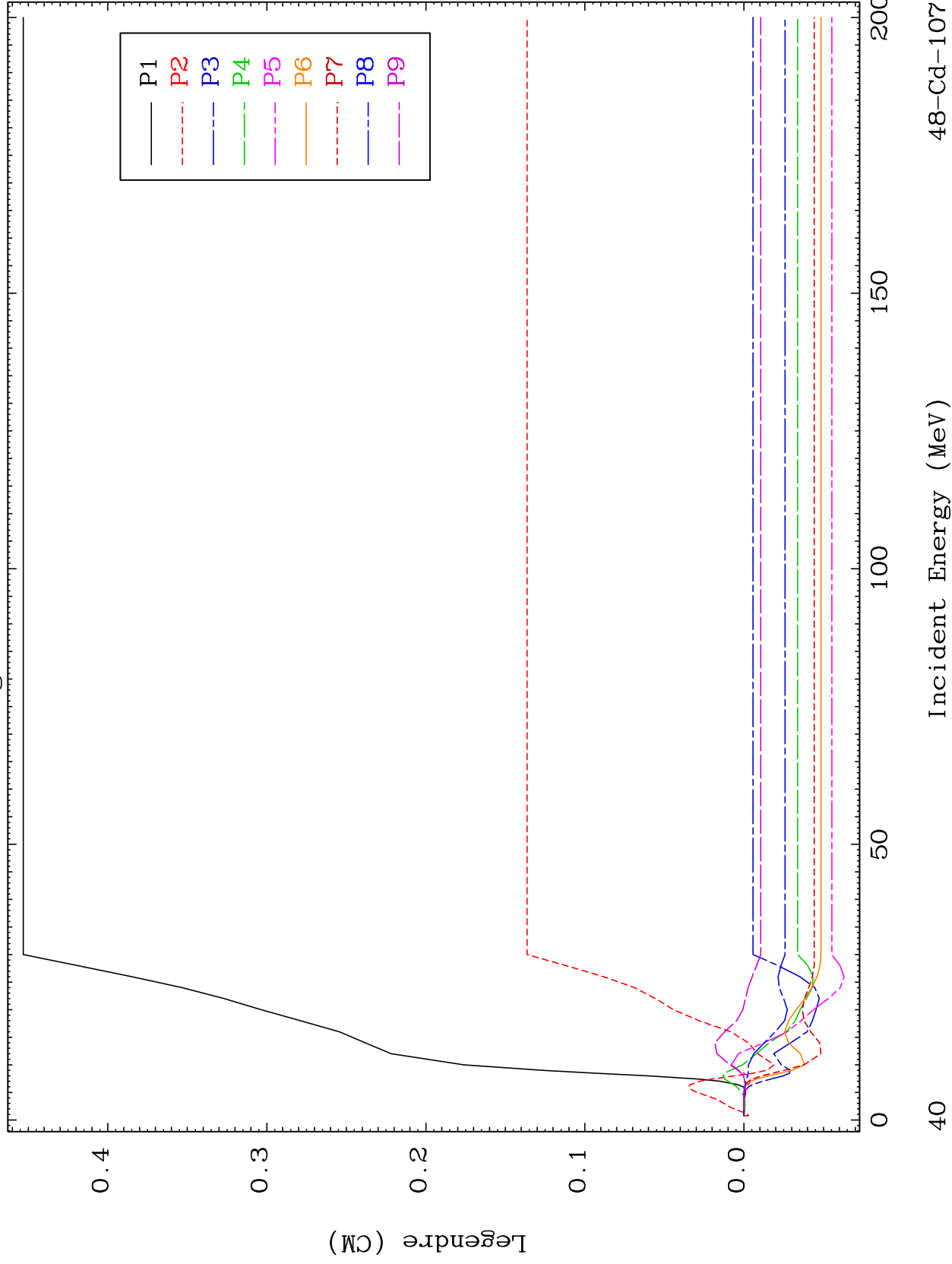




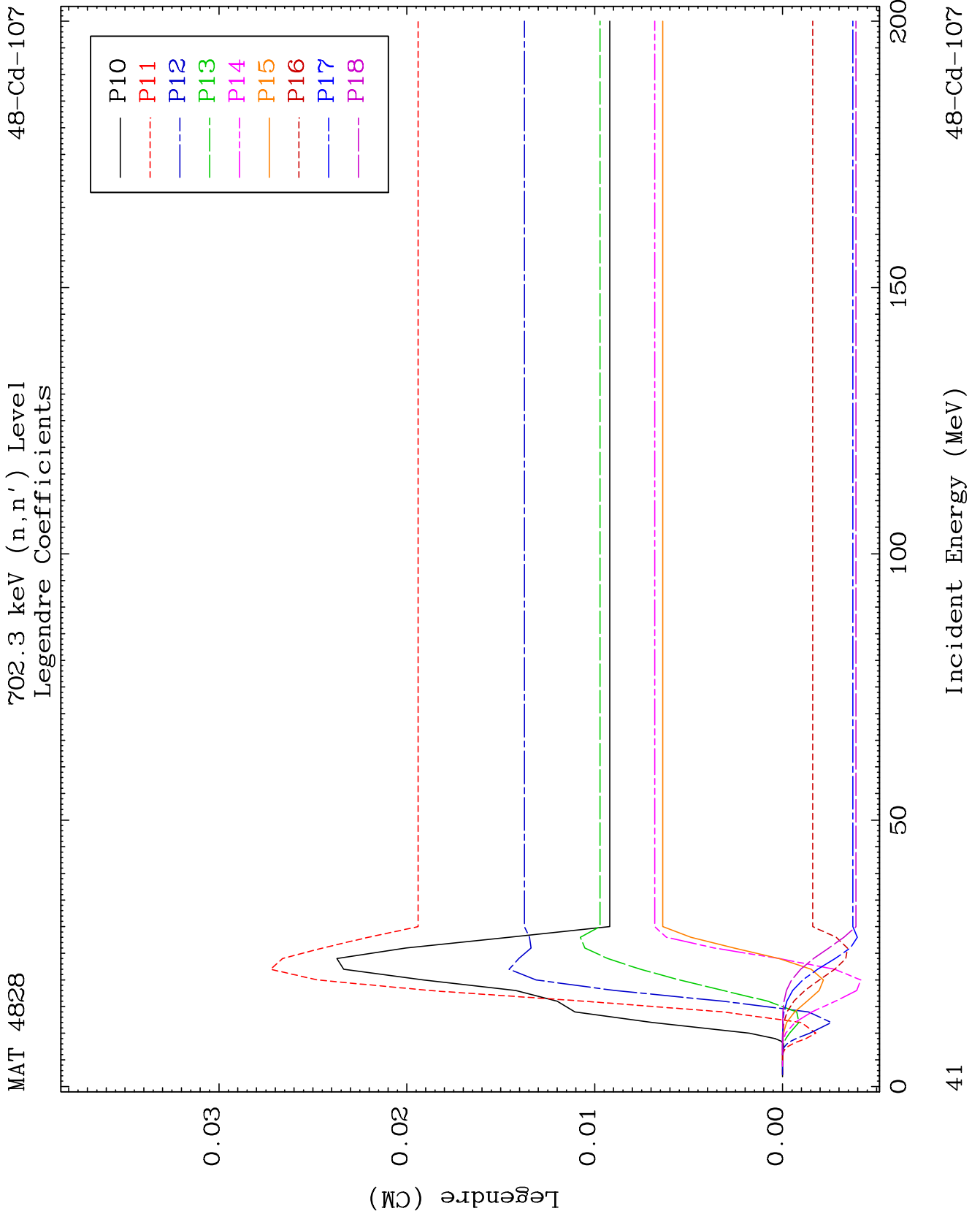
MAT 4828

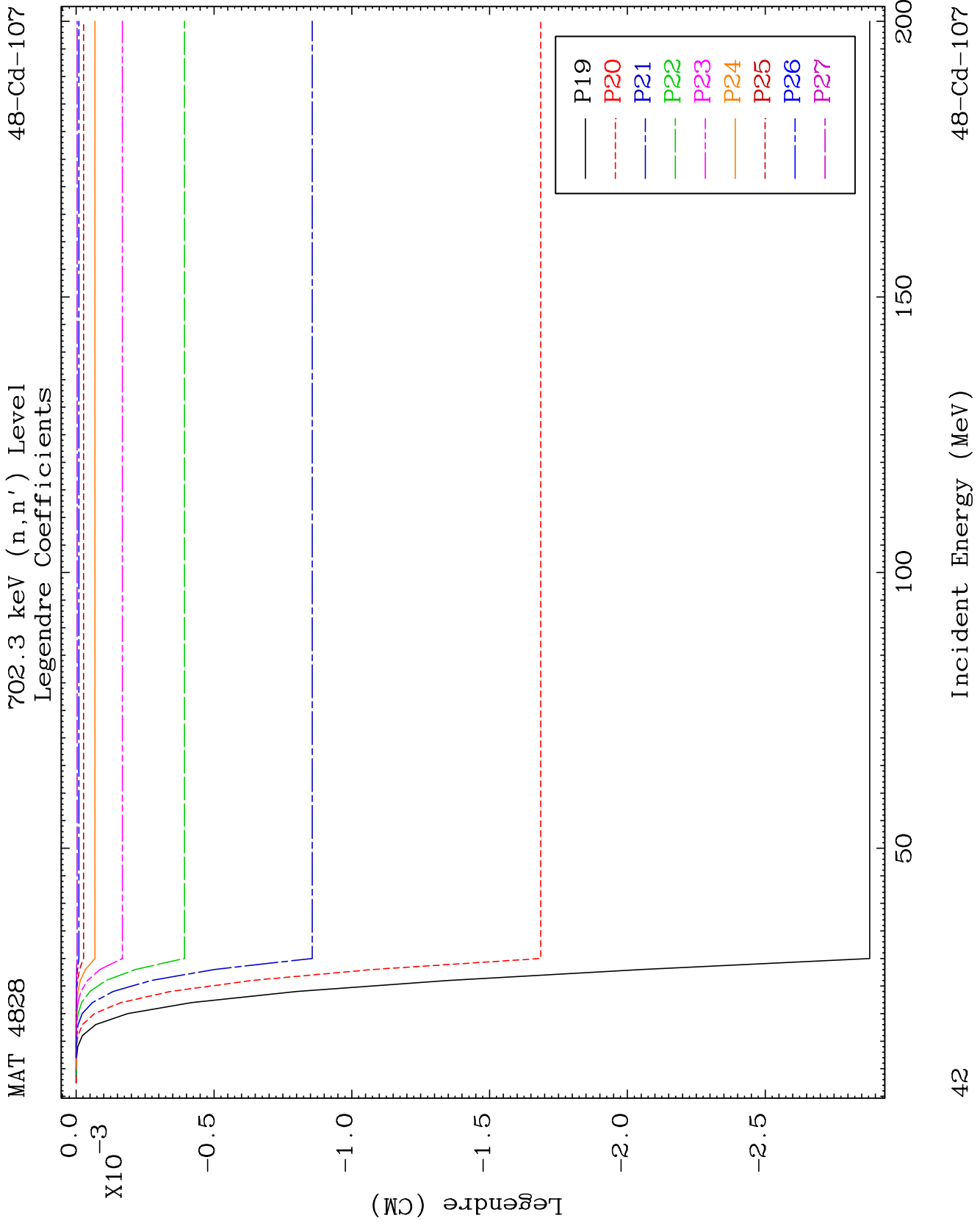
702.3 keV (n,n') Level
Legendre Coefficients

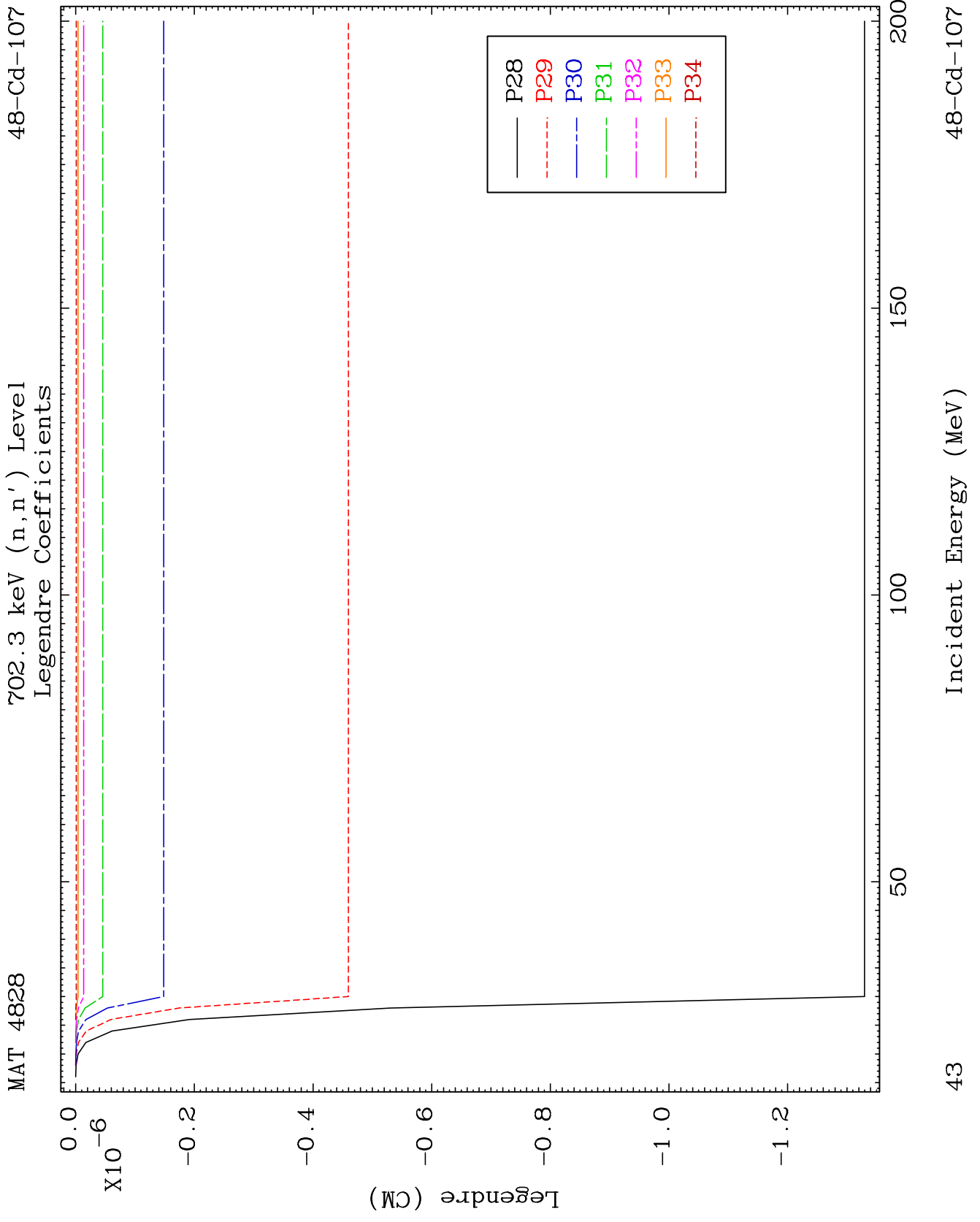
48-Cd-107

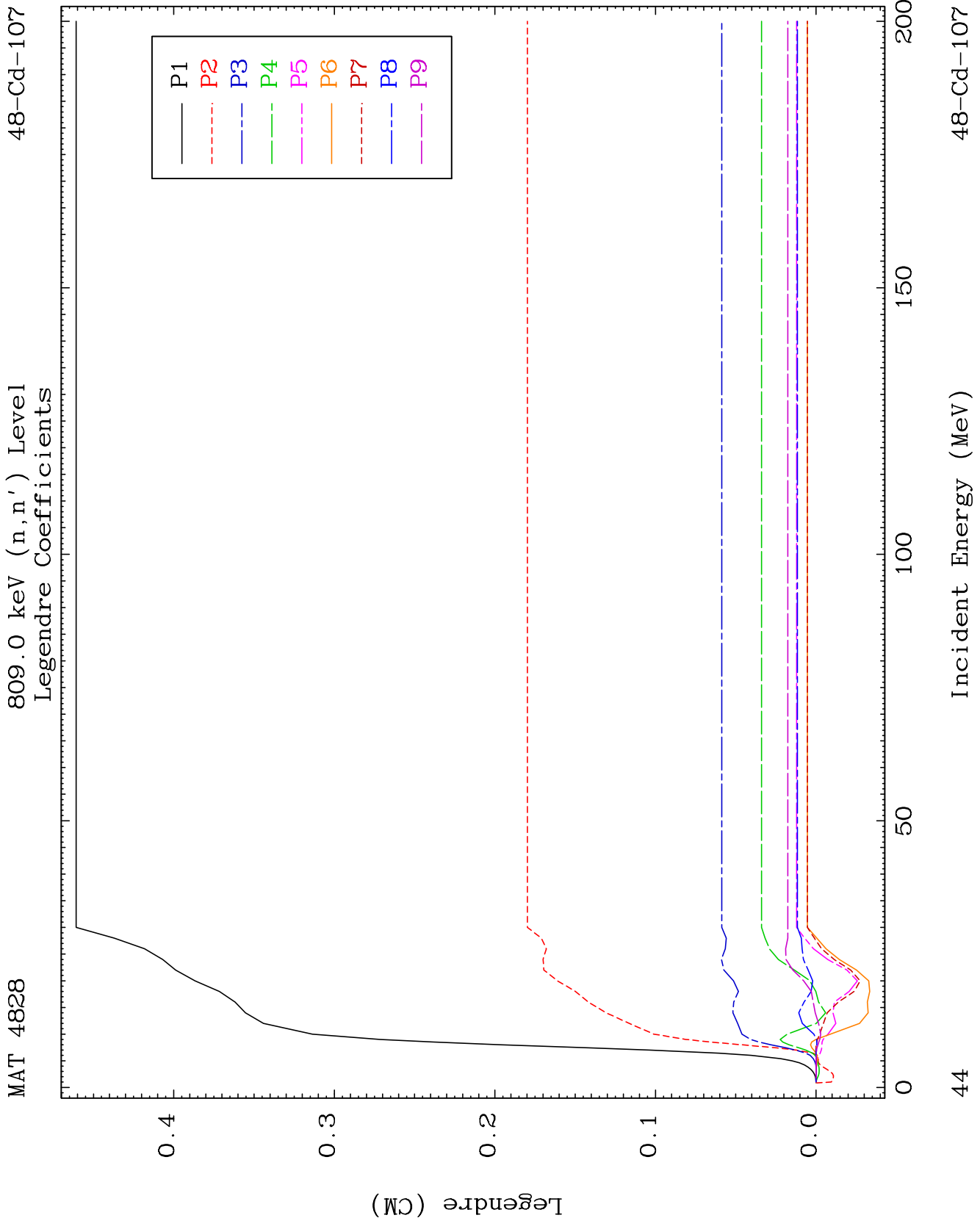


48-Cd-107





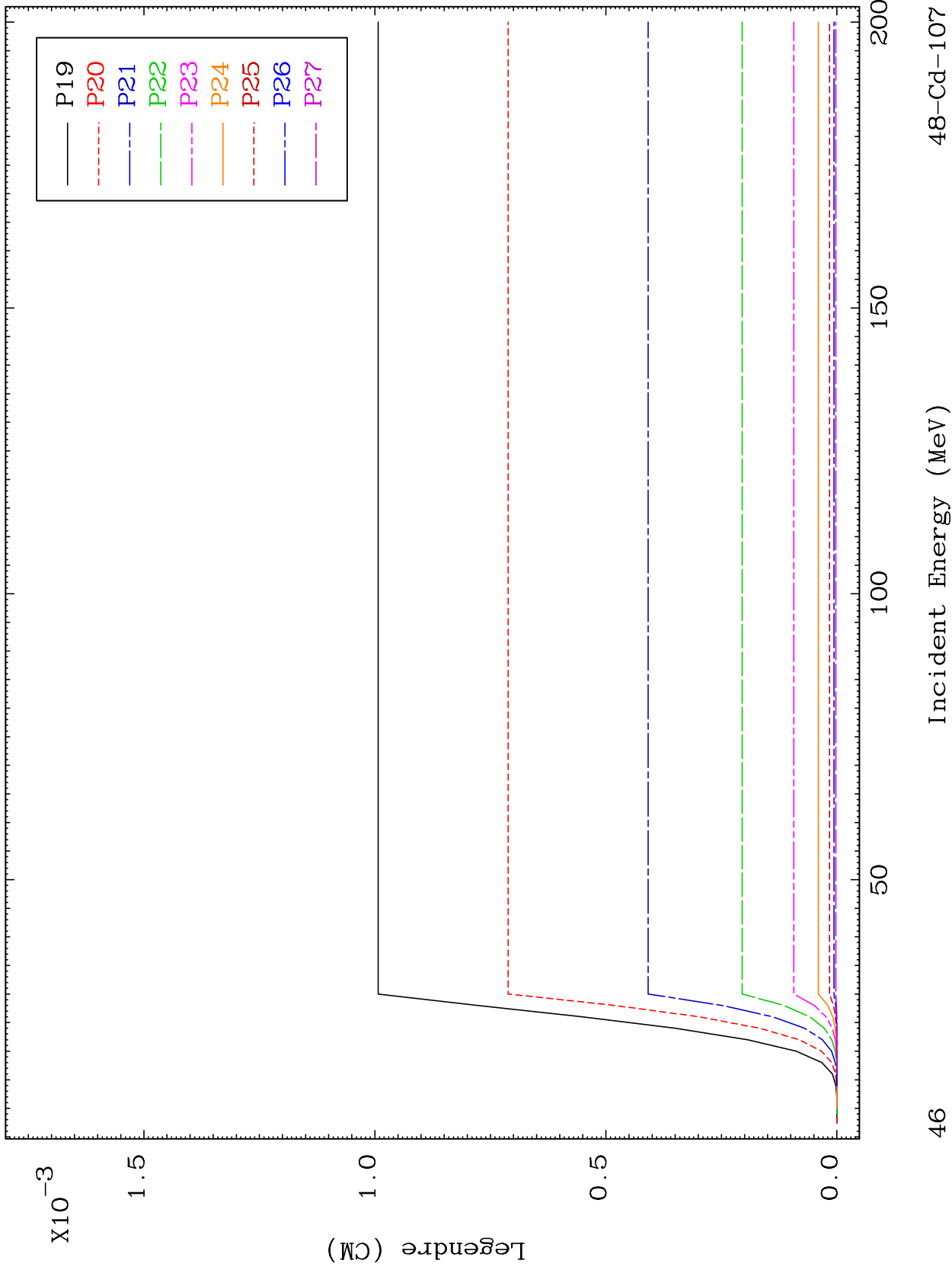




MAT 4828

809.0 keV (n,n') Level
Legendre Coefficients

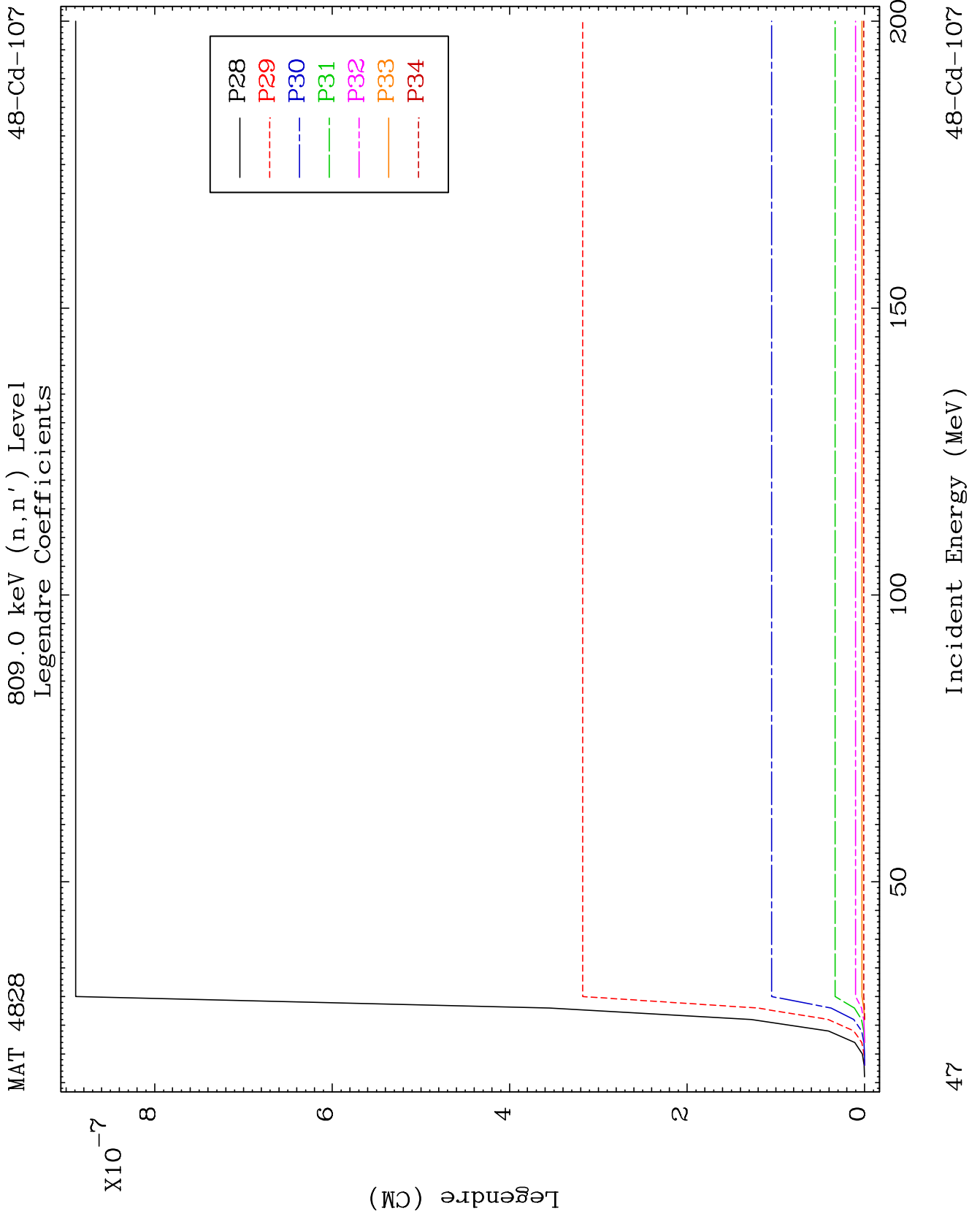
48-Cd-107



46

Incident Energy (MeV)

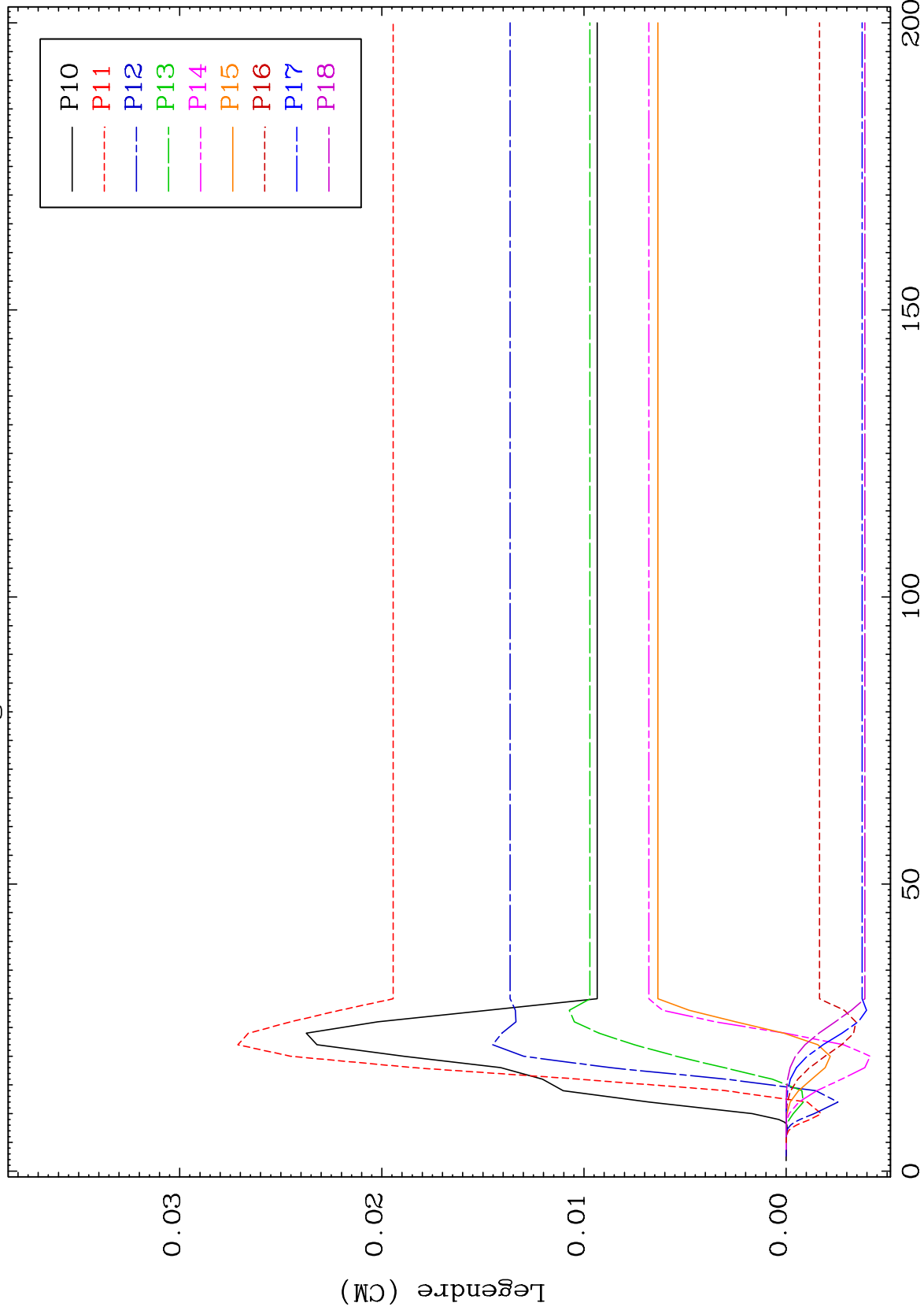
48-Cd-107



MAT 4828

840.2 keV (n,n') Level
Legendre Coefficients

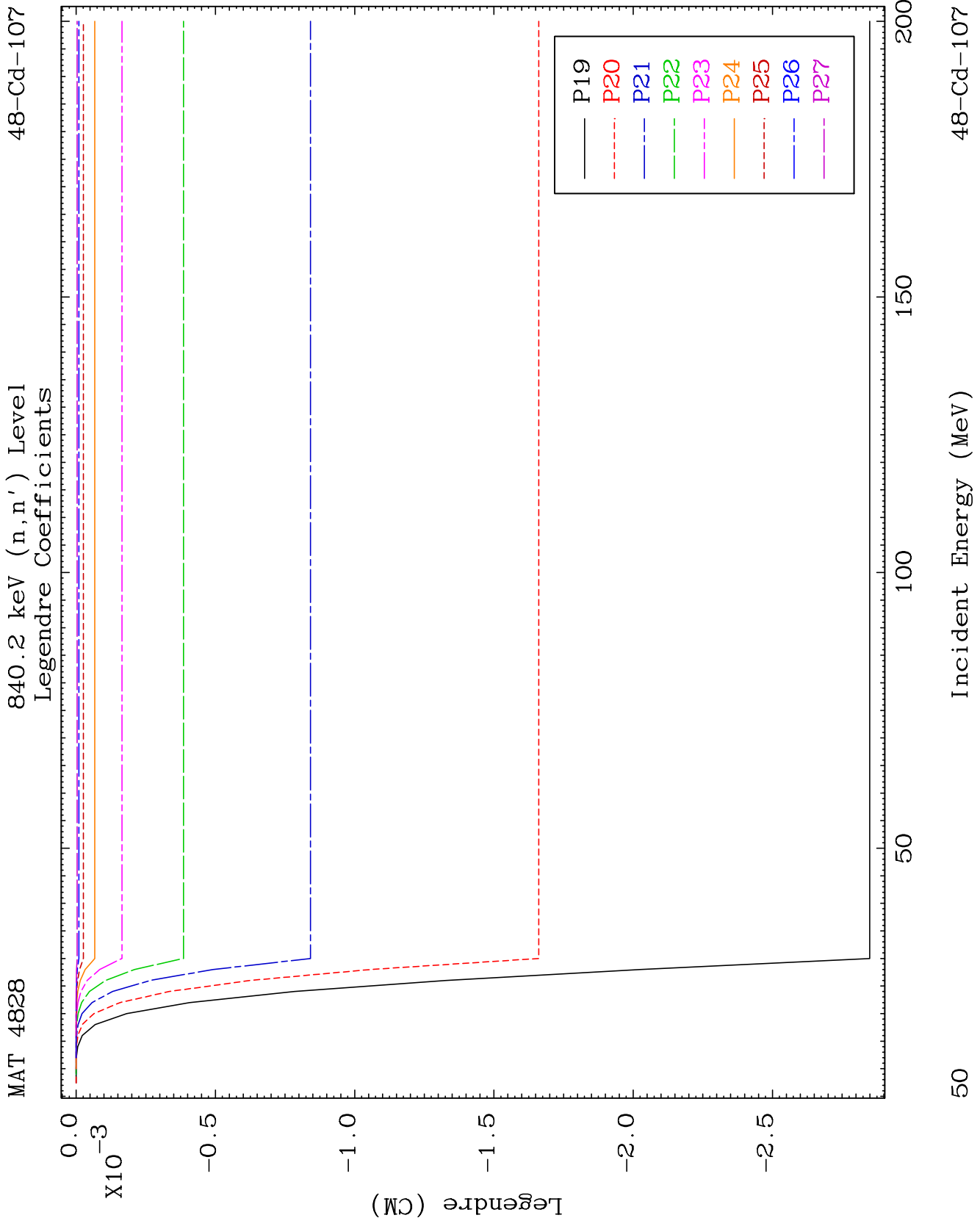
48-Cd-107

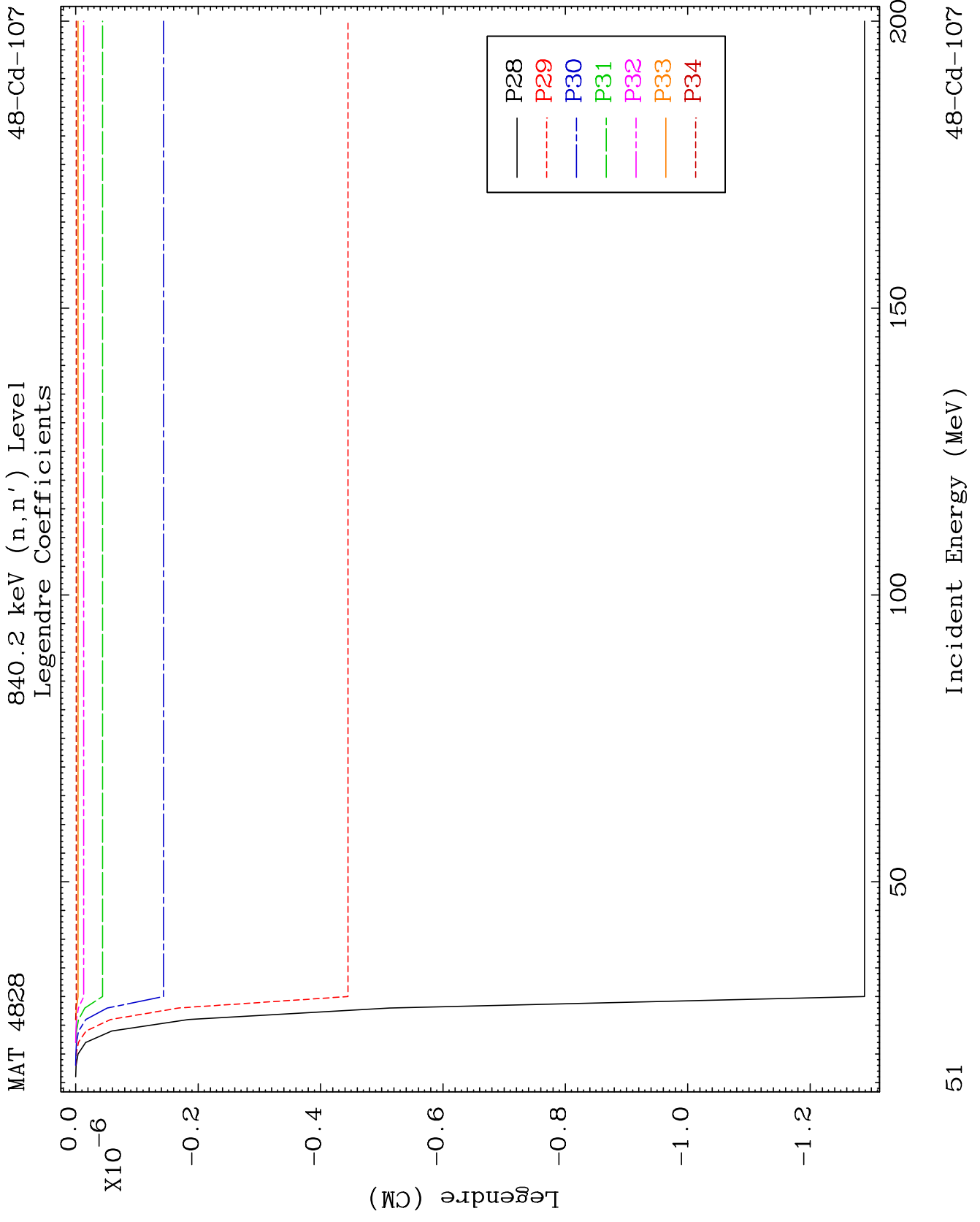


49

Incident Energy (MeV)

48-Cd-107

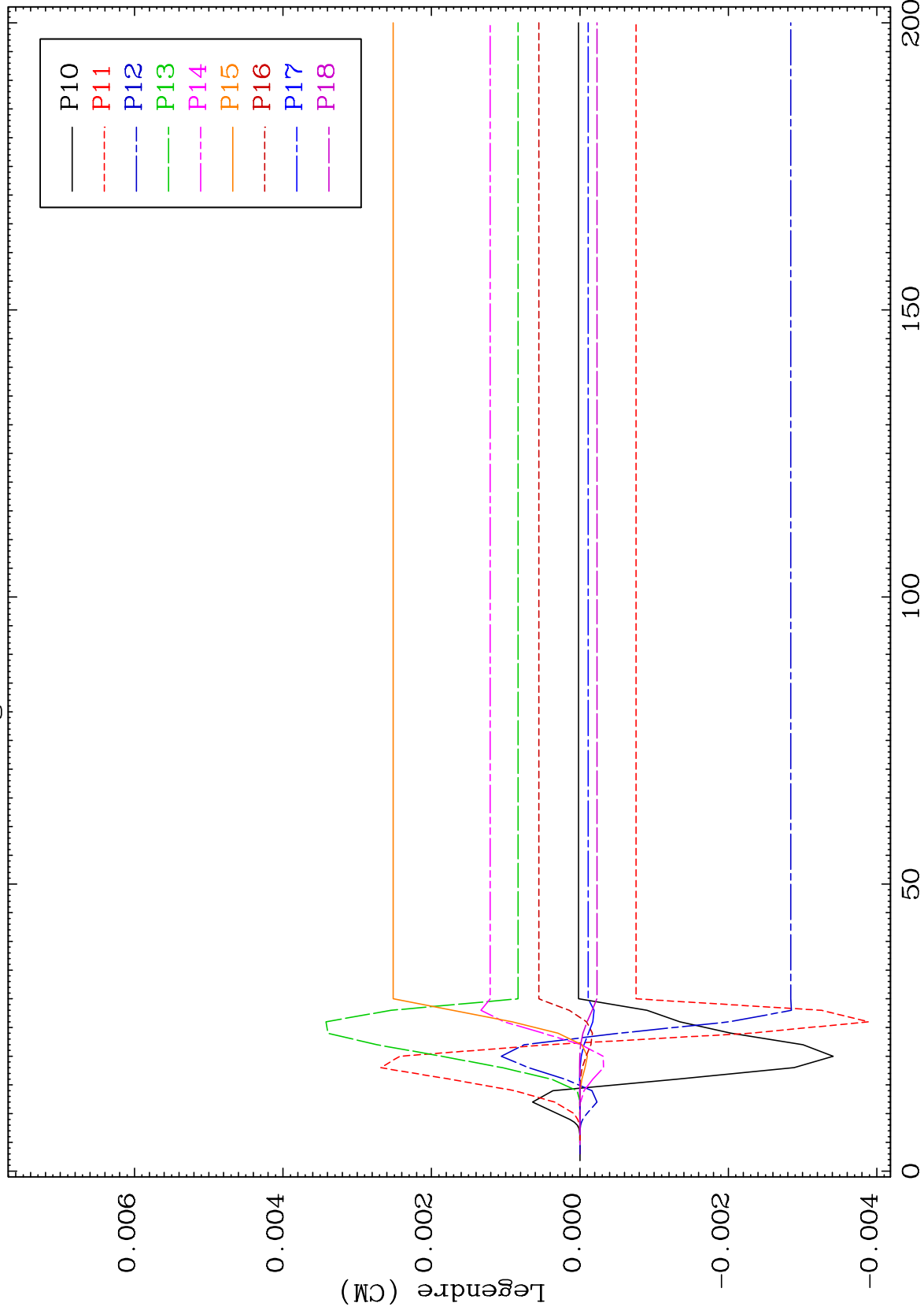




MAT 4828

845.5 keV (n,n') Level
Legendre Coefficients

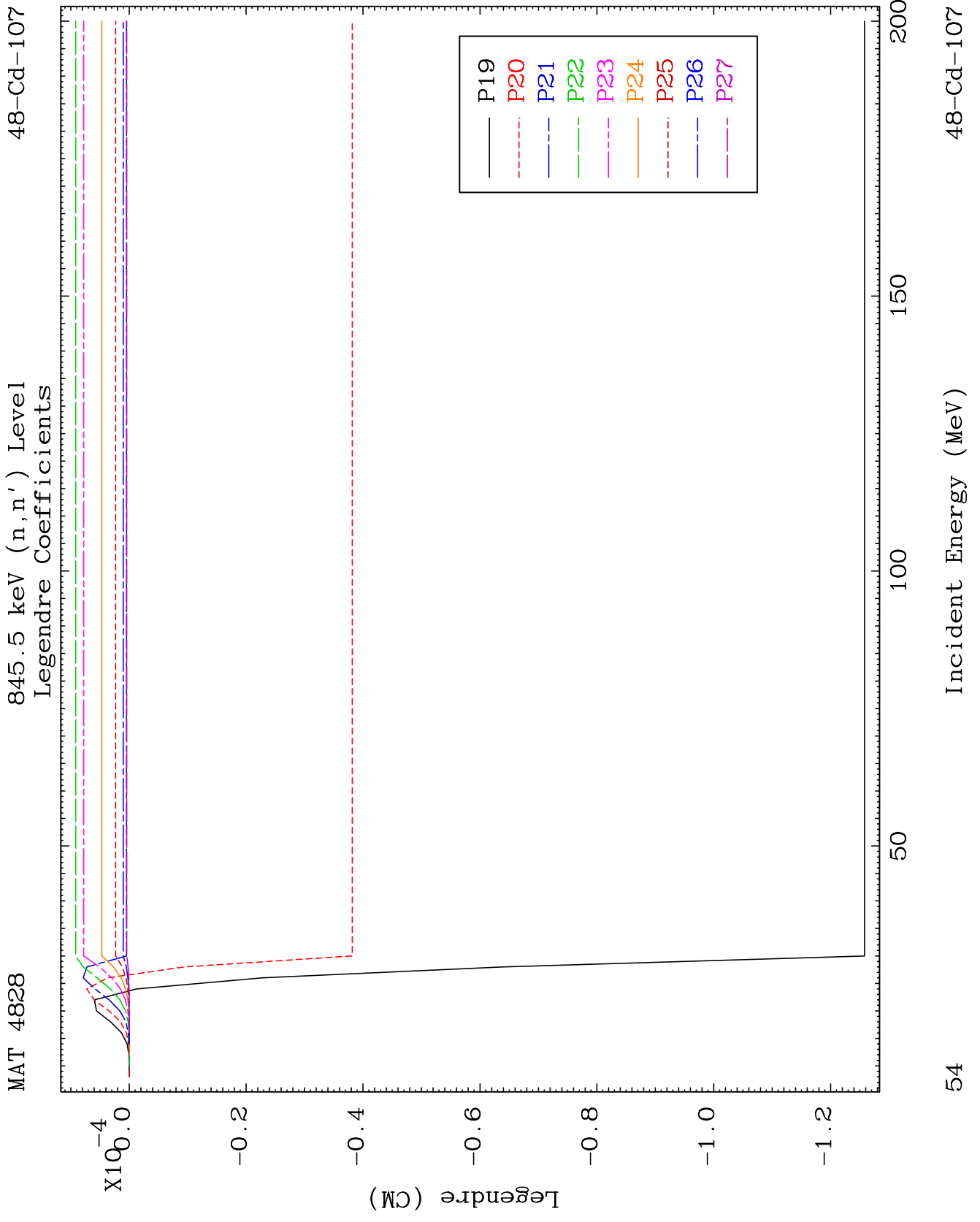
48-Cd-107

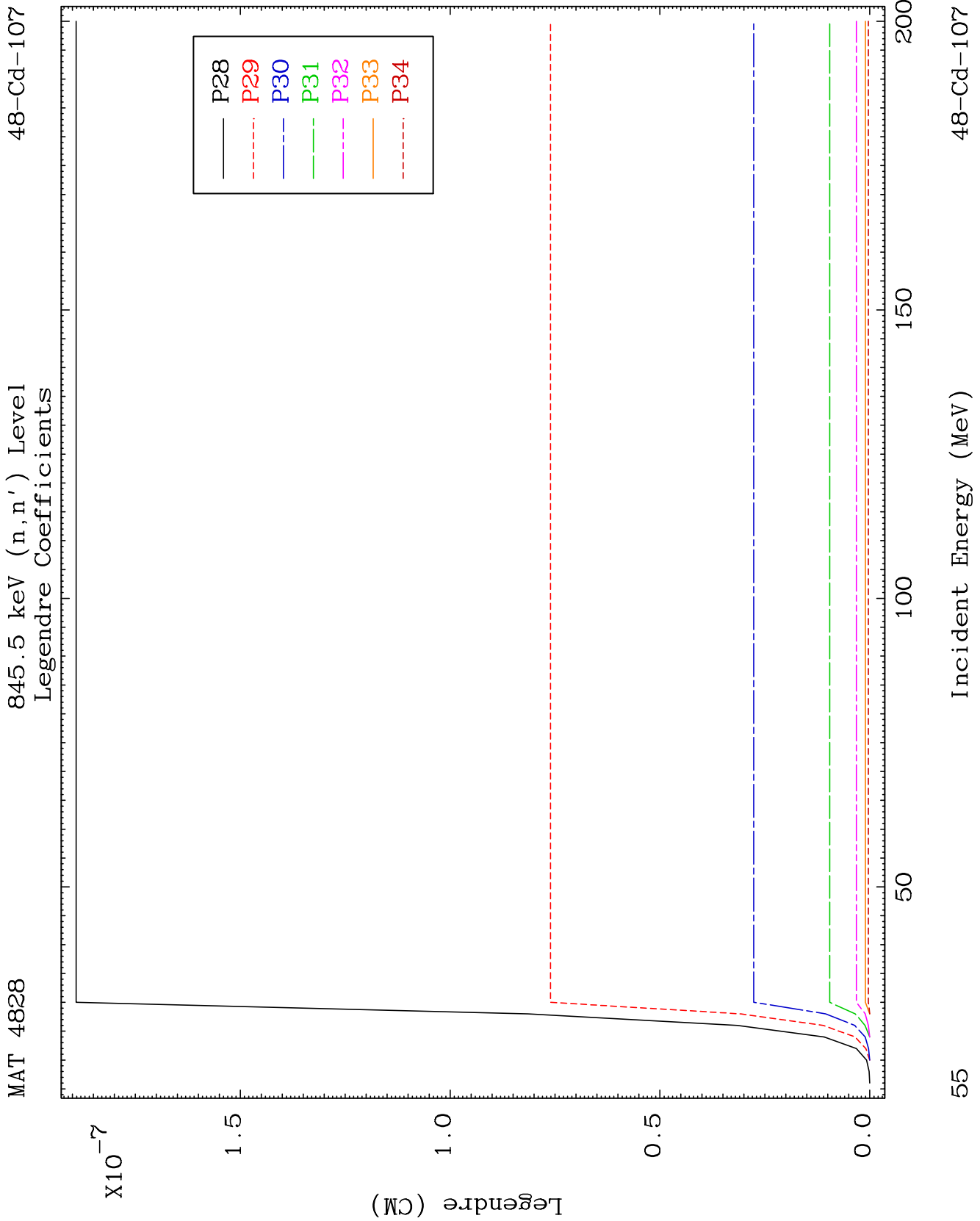


53

Incident Energy (MeV)

48-Cd-107

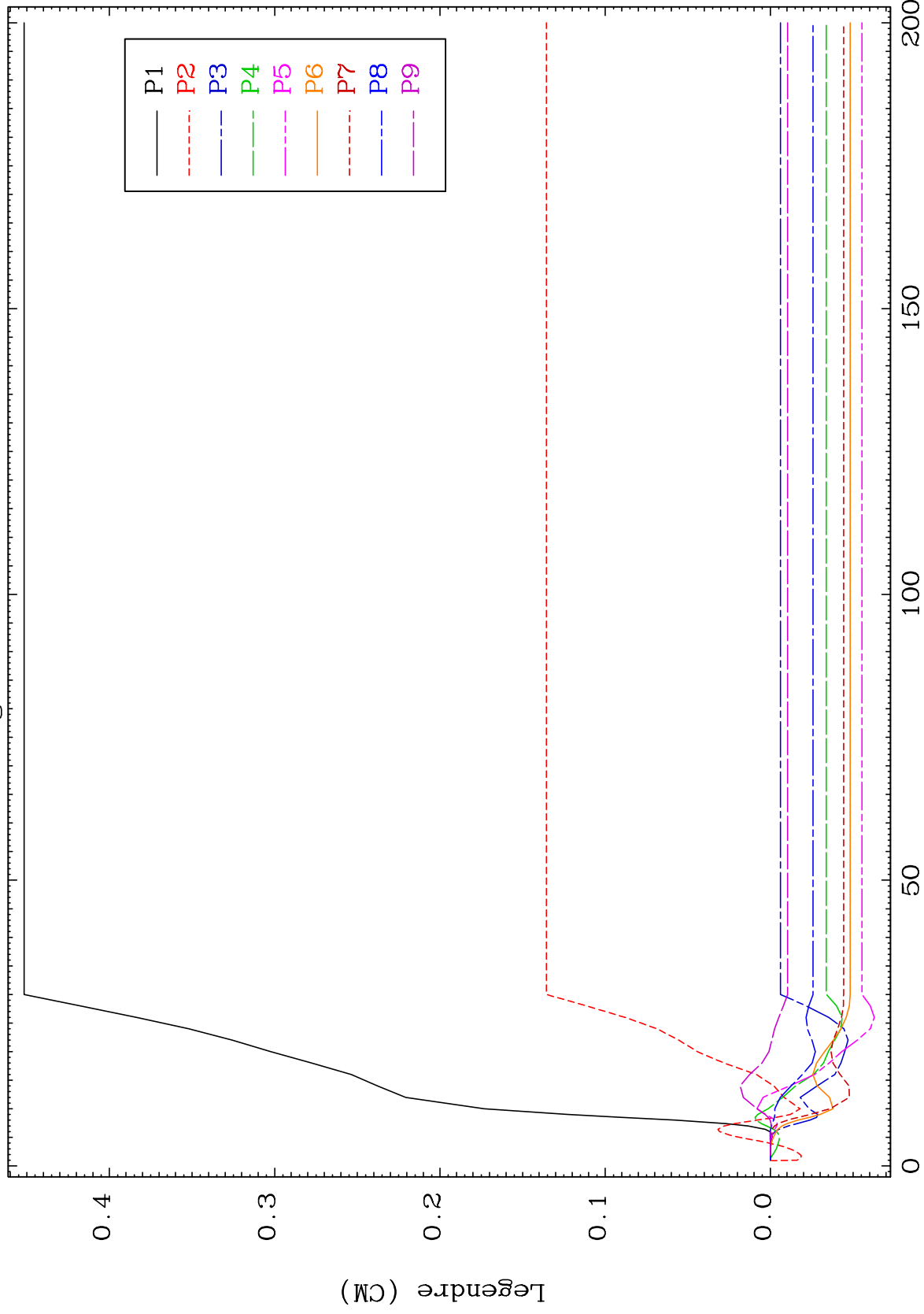




MAT 4828

905.6 keV (n,n') Level
Legendre Coefficients

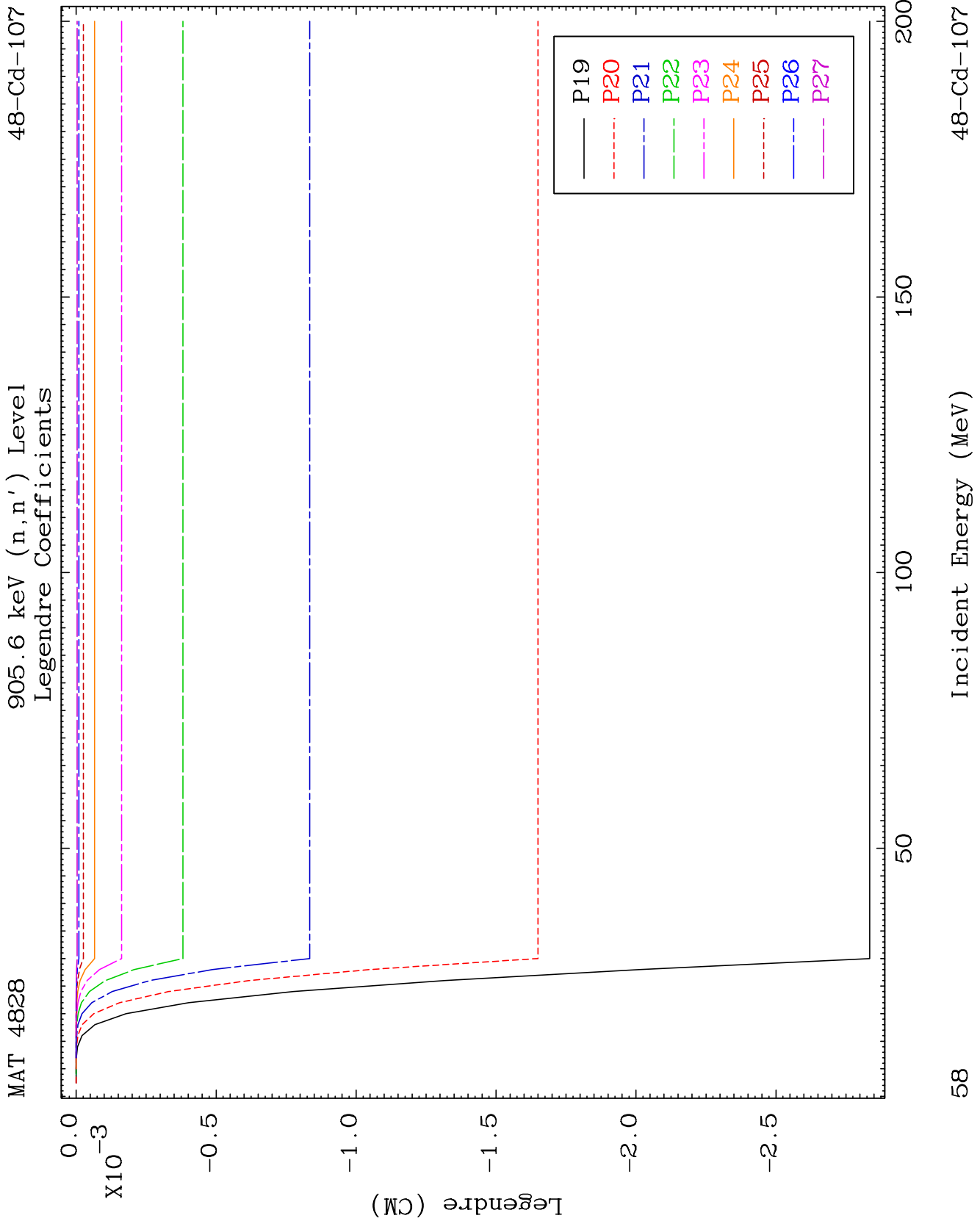
48-Cd-107

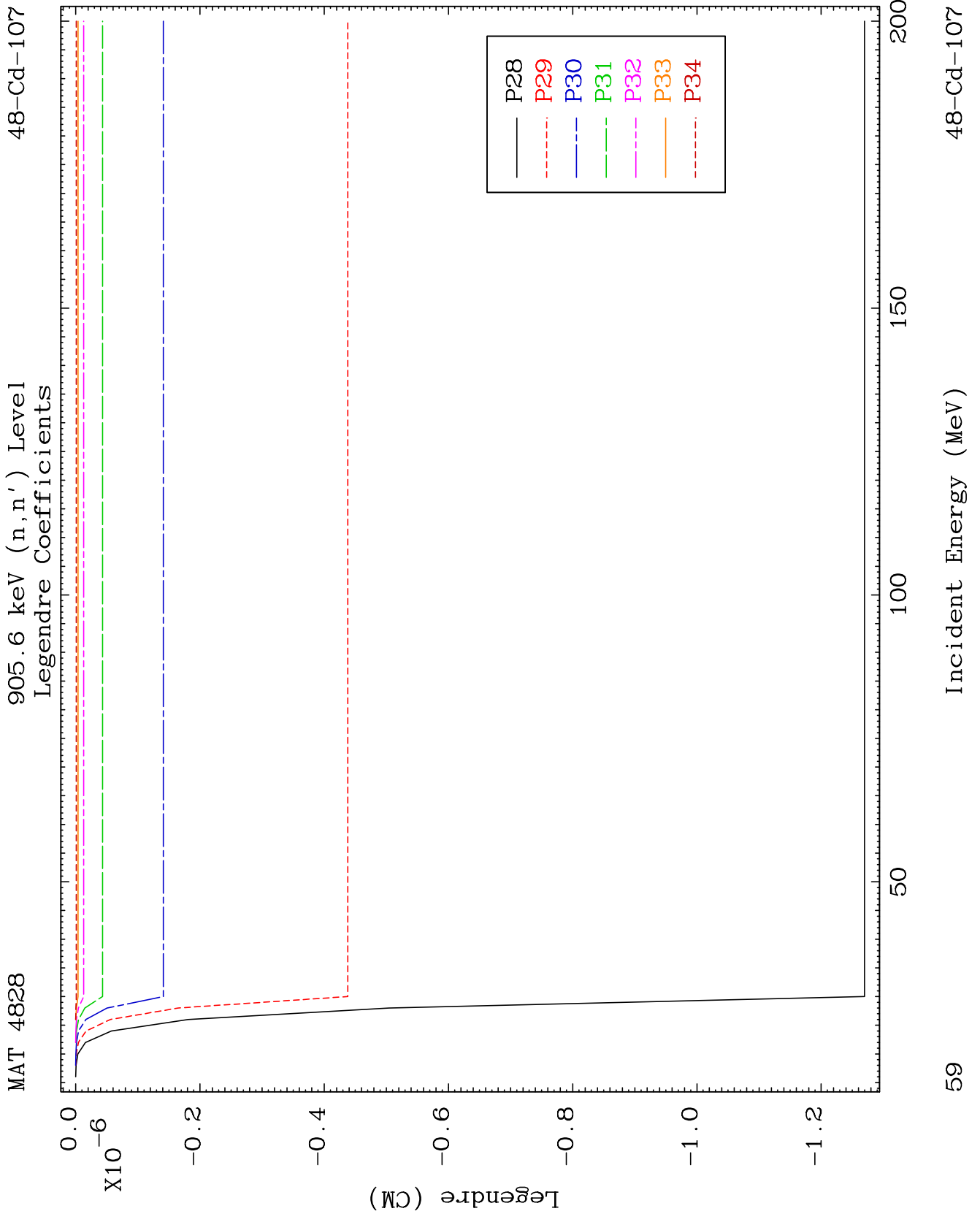


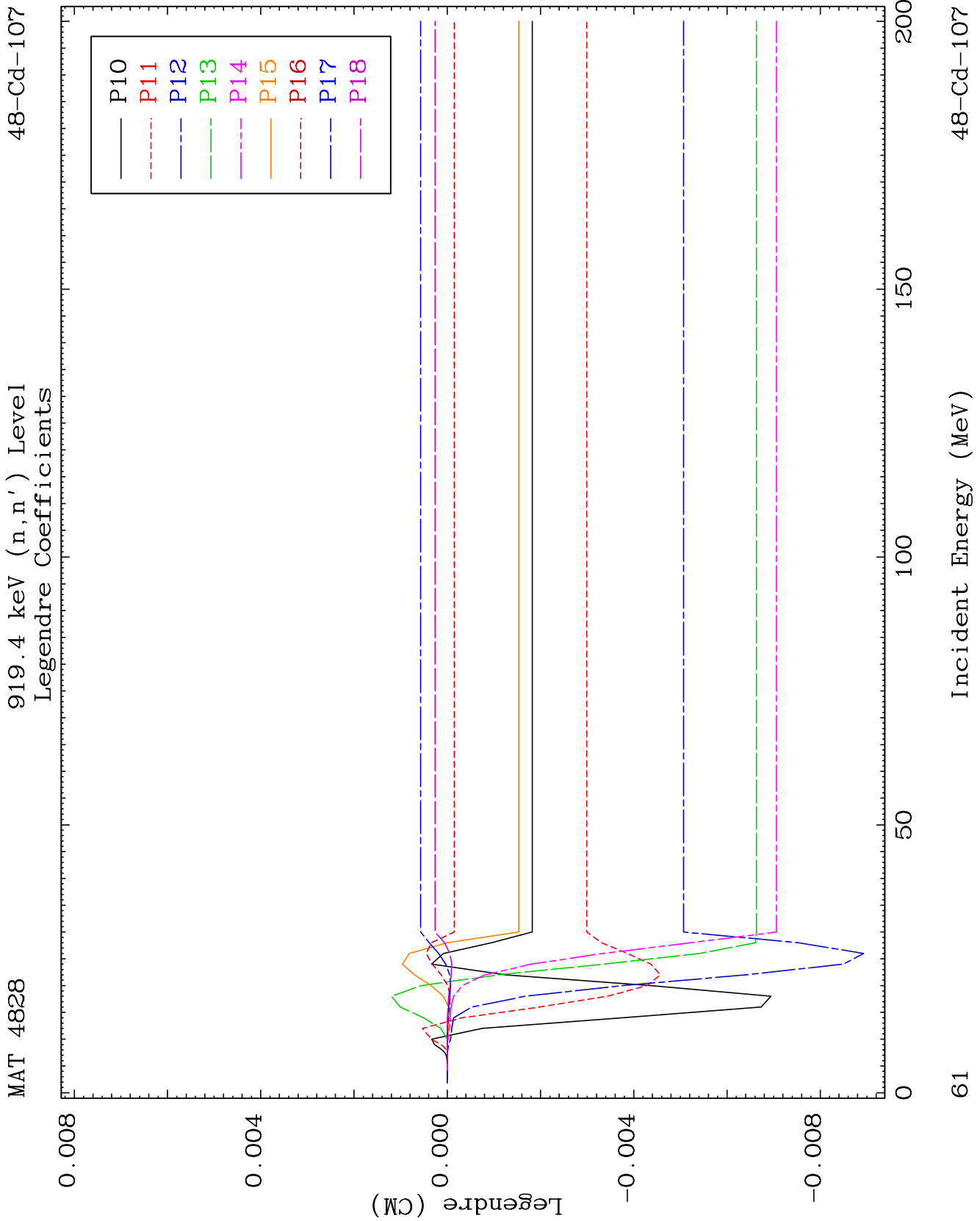
56

Incident Energy (MeV)

48-Cd-107



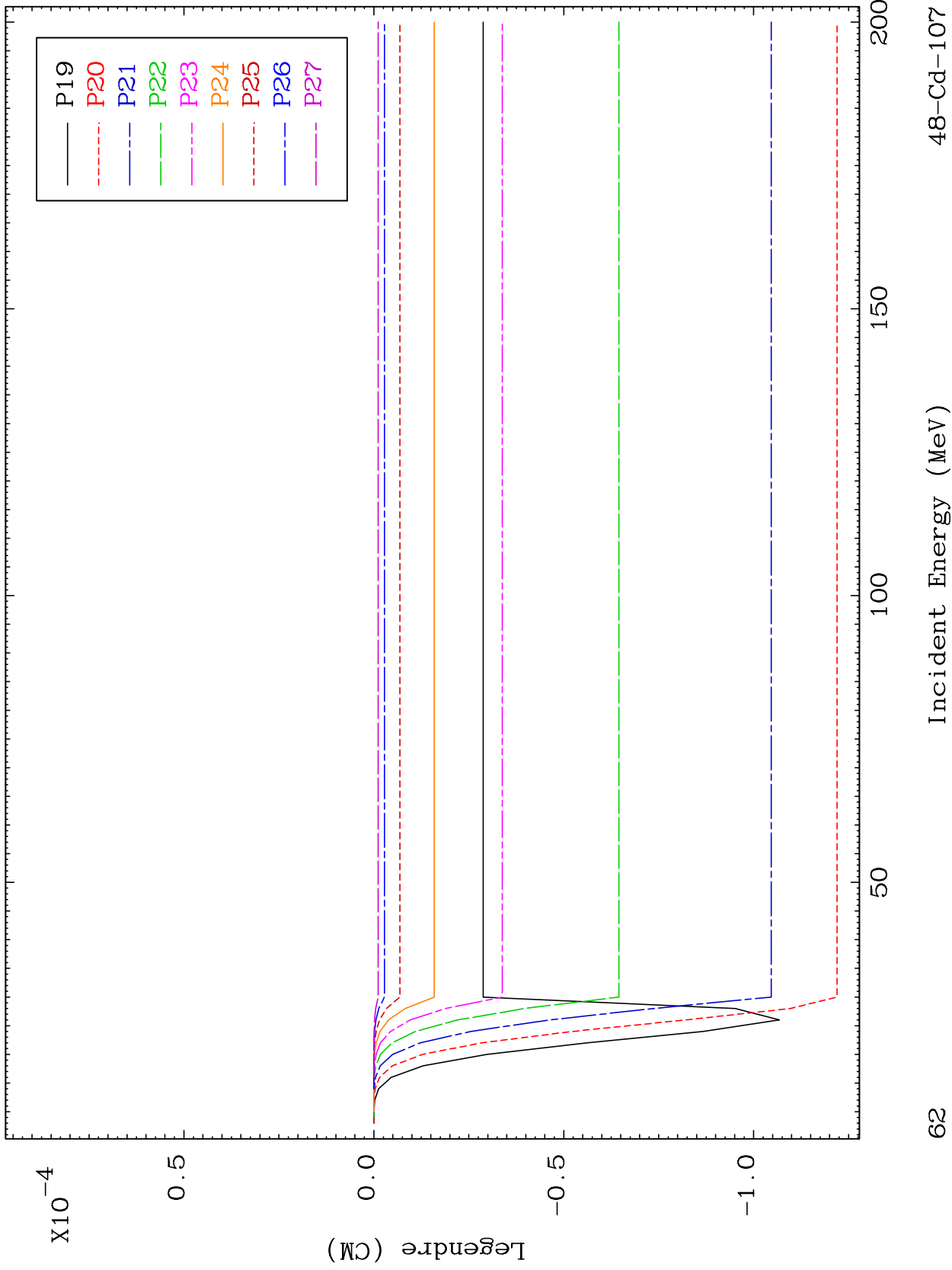




MAT 4828

919.4 keV (n,n') Level
Legendre Coefficients

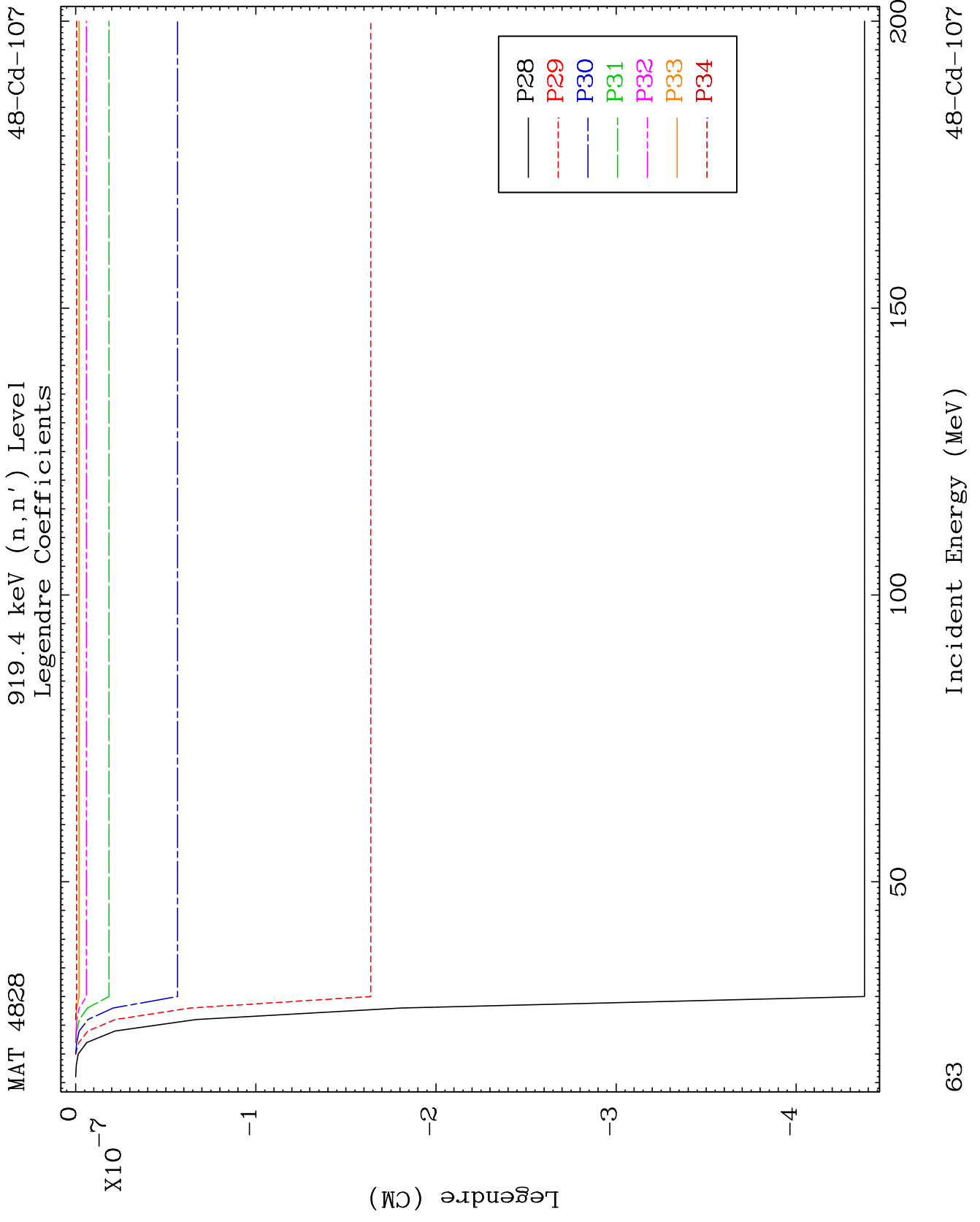
48-Cd-107

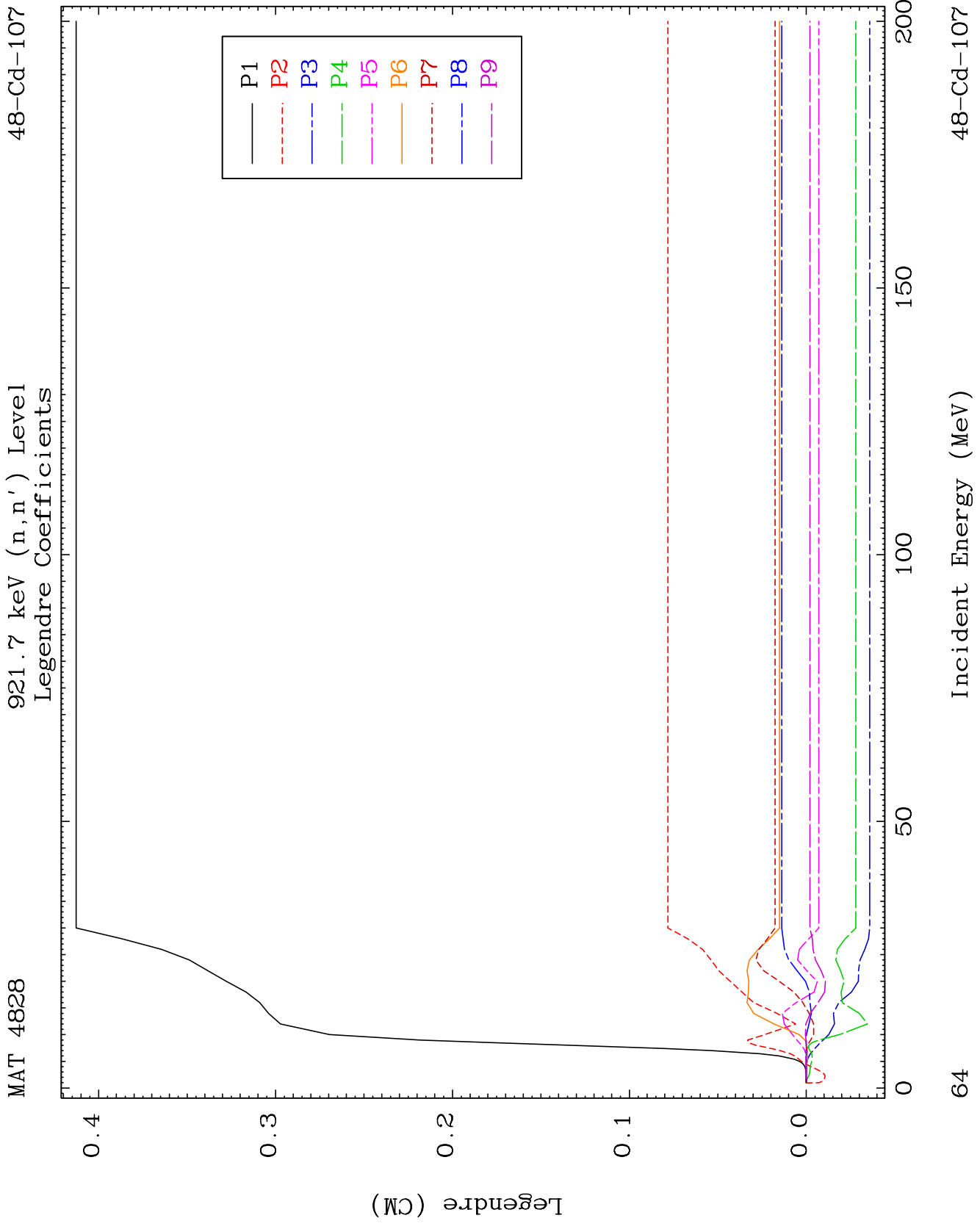


62

Incident Energy (MeV)

48-Cd-107

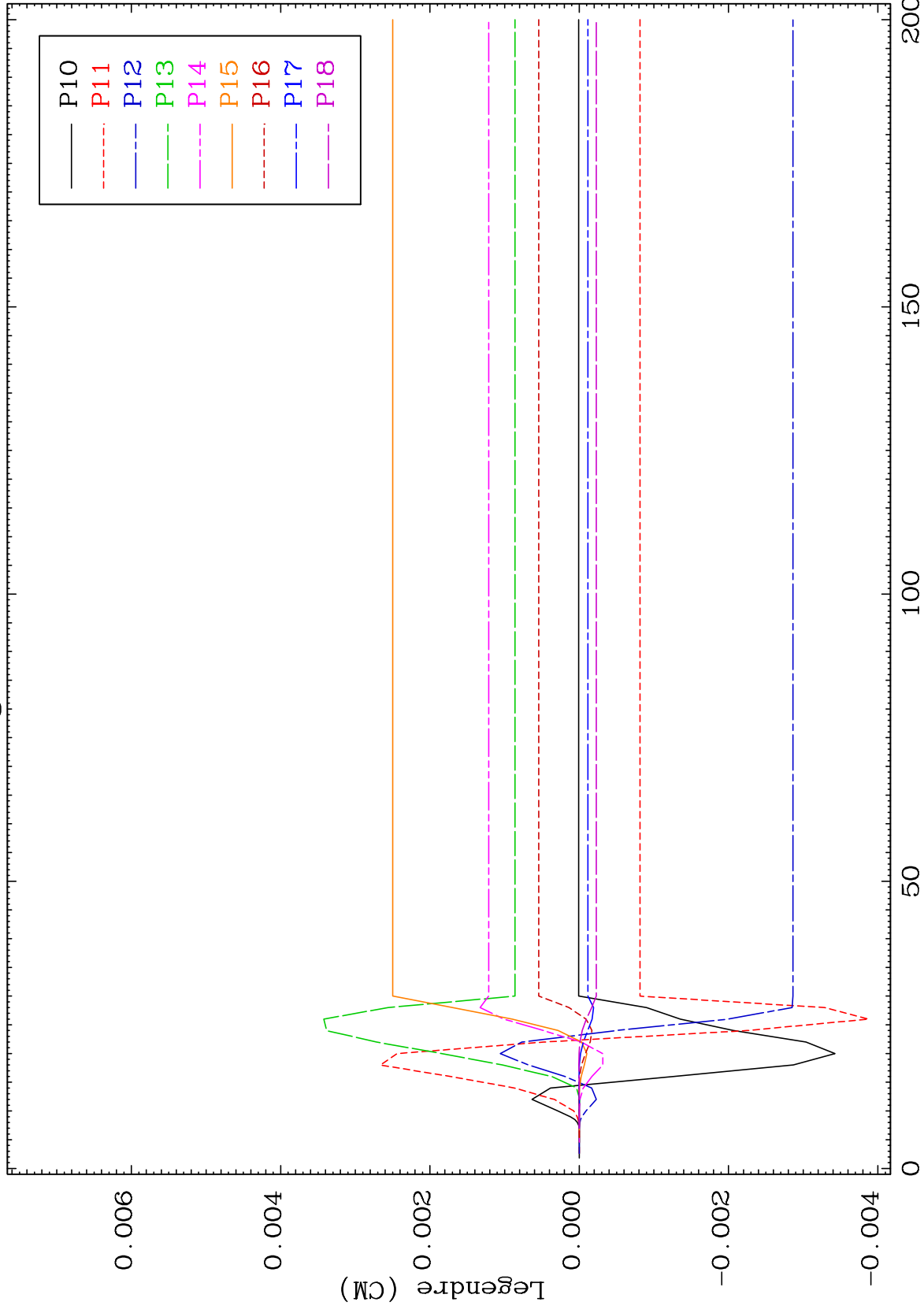




MAT 4828

921.7 keV (n,n') Level
Legendre Coefficients

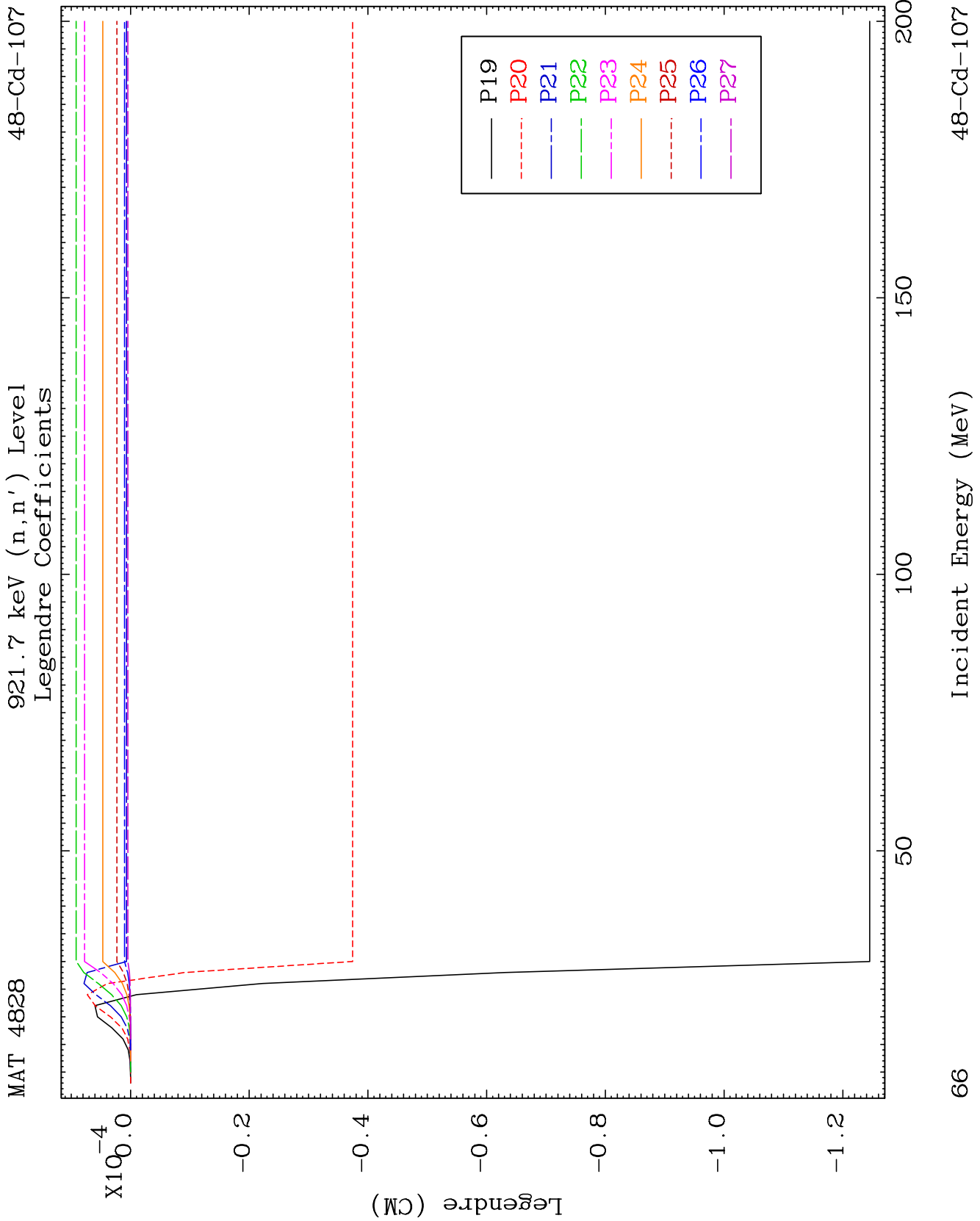
48-Cd-107

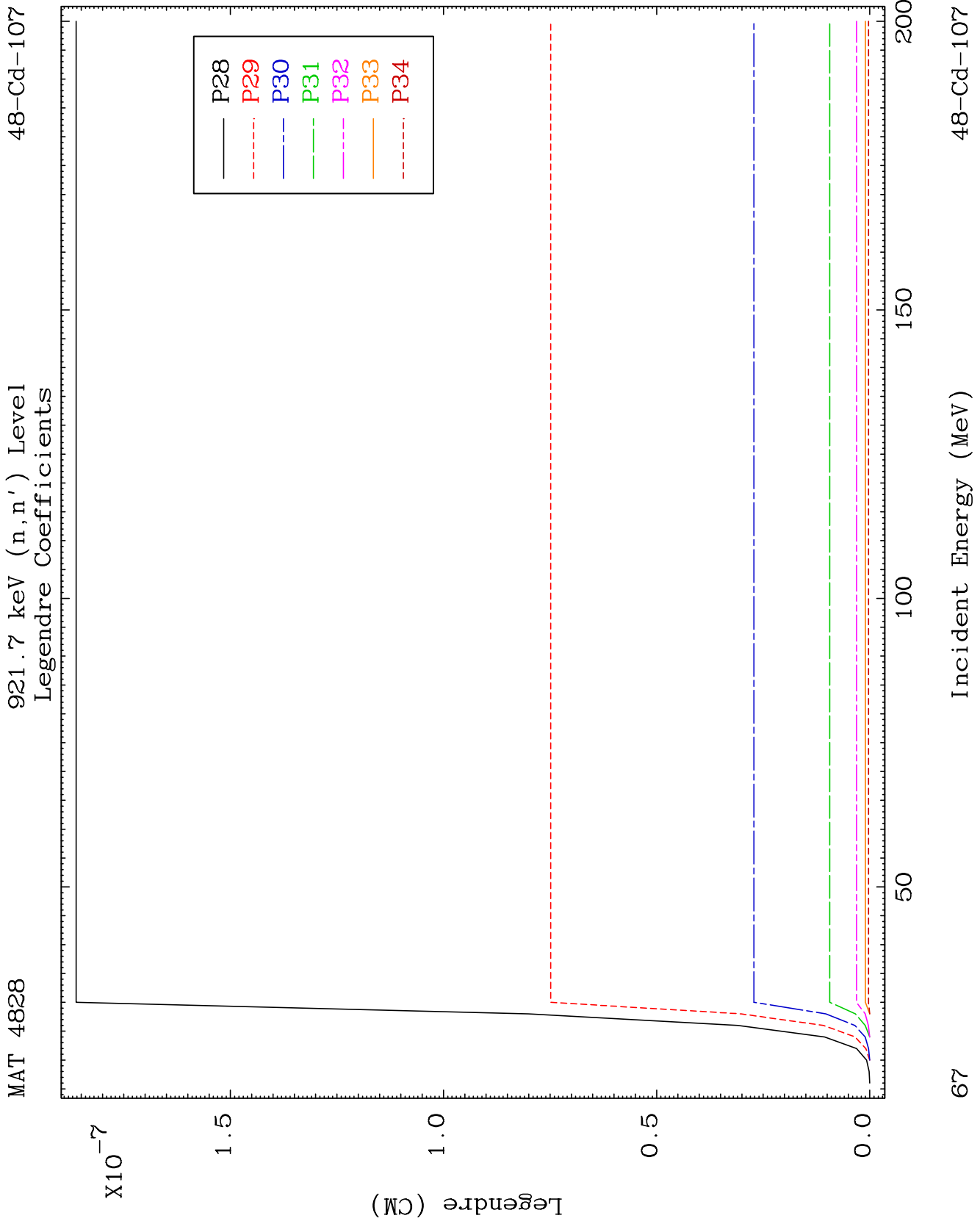


65

Incident Energy (MeV)

48-Cd-107

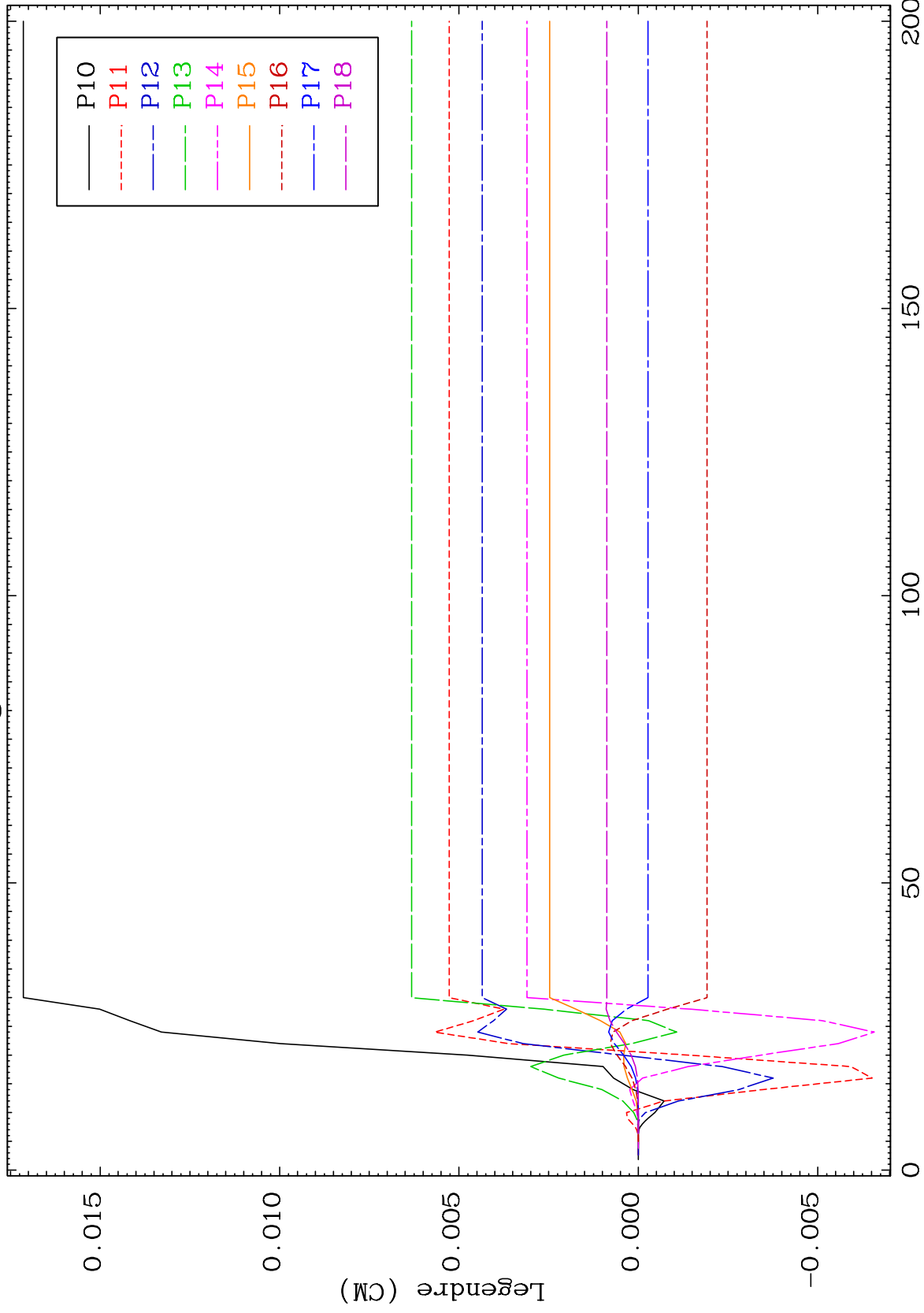




MAT 4828

933.0 keV (n,n') Level
Legendre Coefficients

48-Cd-107



69

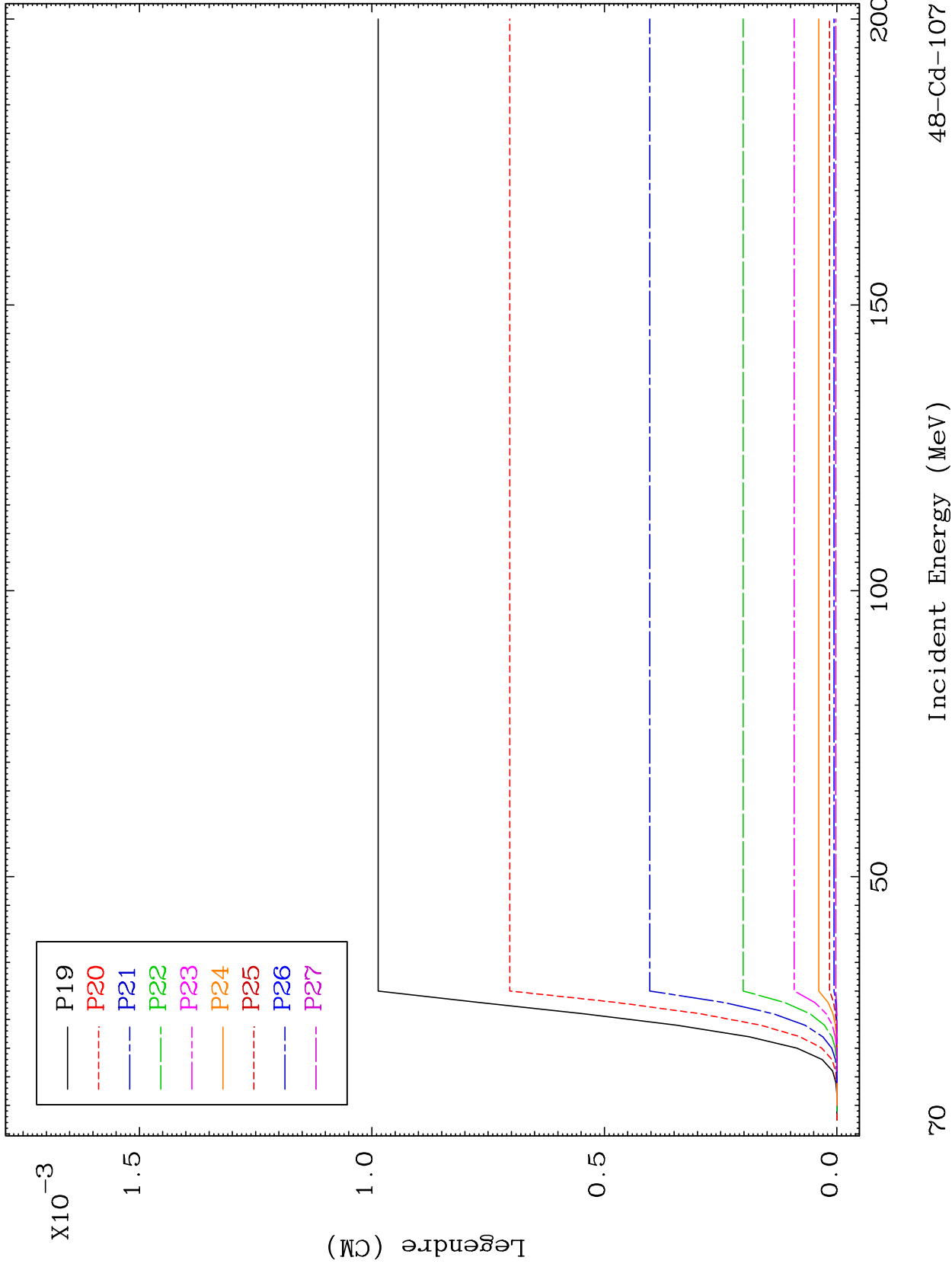
Incident Energy (MeV)

48-Cd-107

MAT 4828

933.0 keV (n,n') Level
Legendre Coefficients

48-Cd-107



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Incident Energy (MeV)

48-Cd-107

$\times 10^{-3}$

1.5

1.0

0.5

0.0

50

100

150

200

P19

P20

P21

P22

P23

P24

P25

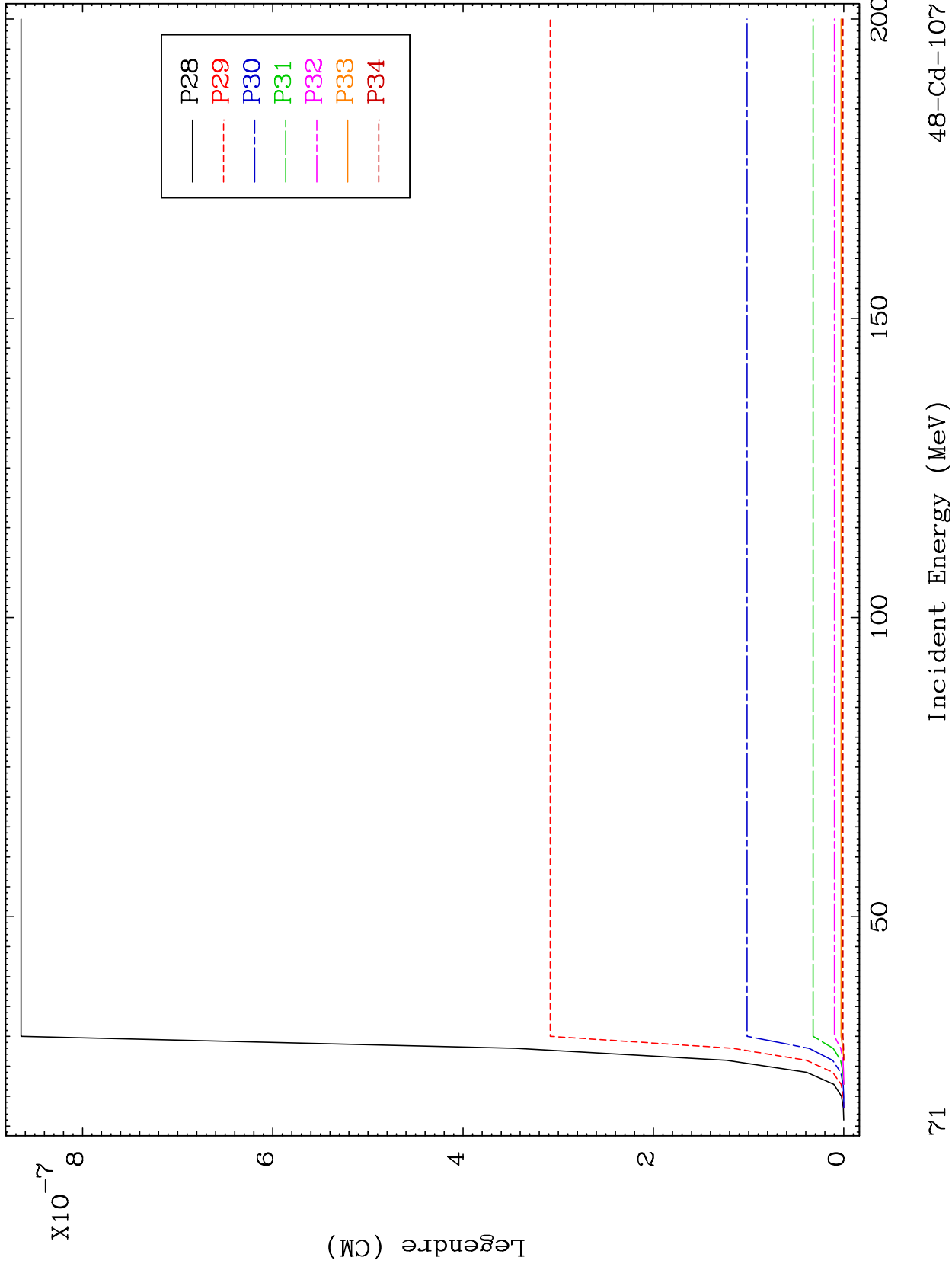
P26

P27

MAT 4828

933.0 keV (n,n') Level
Legendre Coefficients

48-Cd-107



71

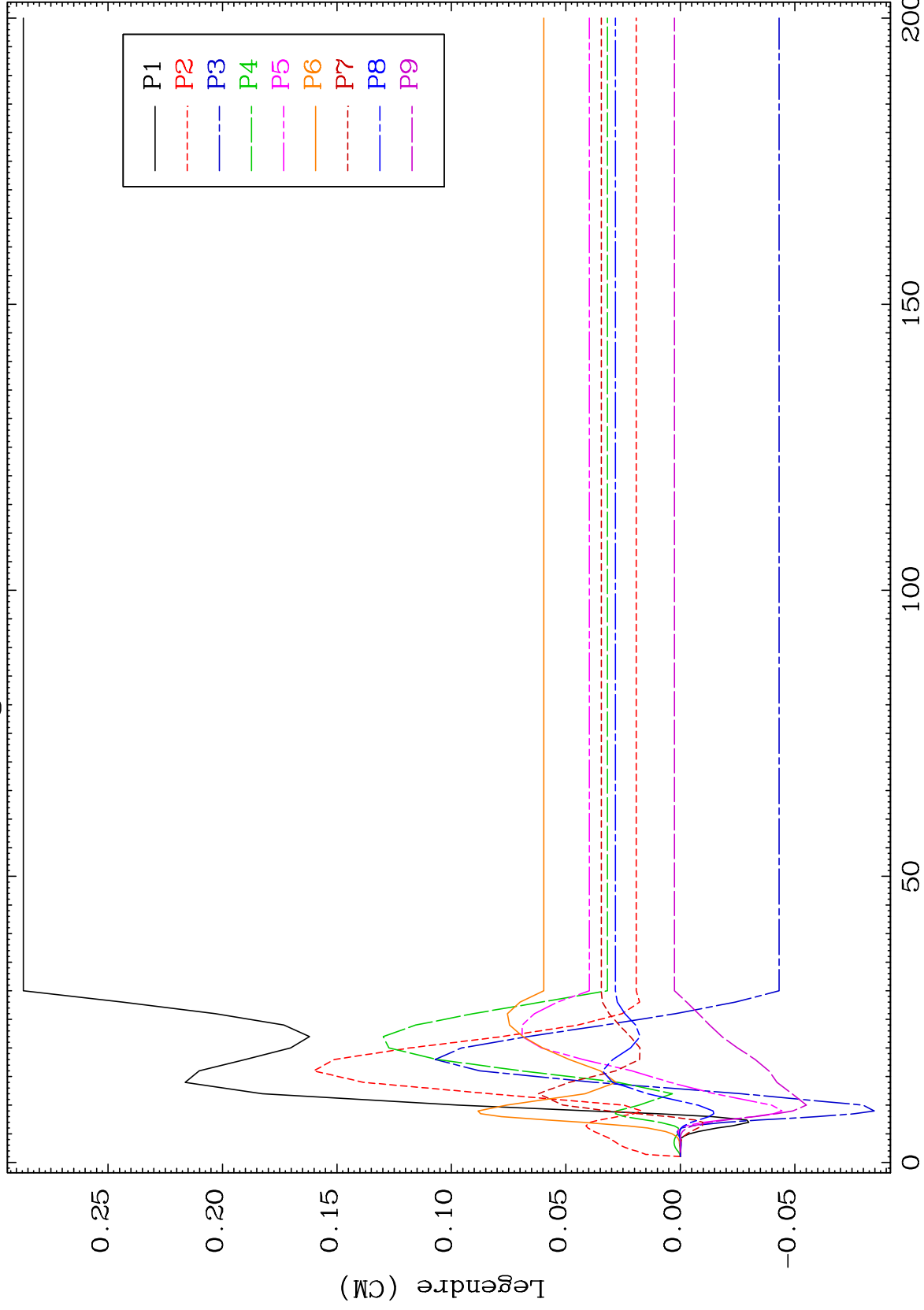
Incident Energy (MeV)

48-Cd-107

MAT 4828

998.6 keV (n,n') Level
Legendre Coefficients

48-Cd-107



72

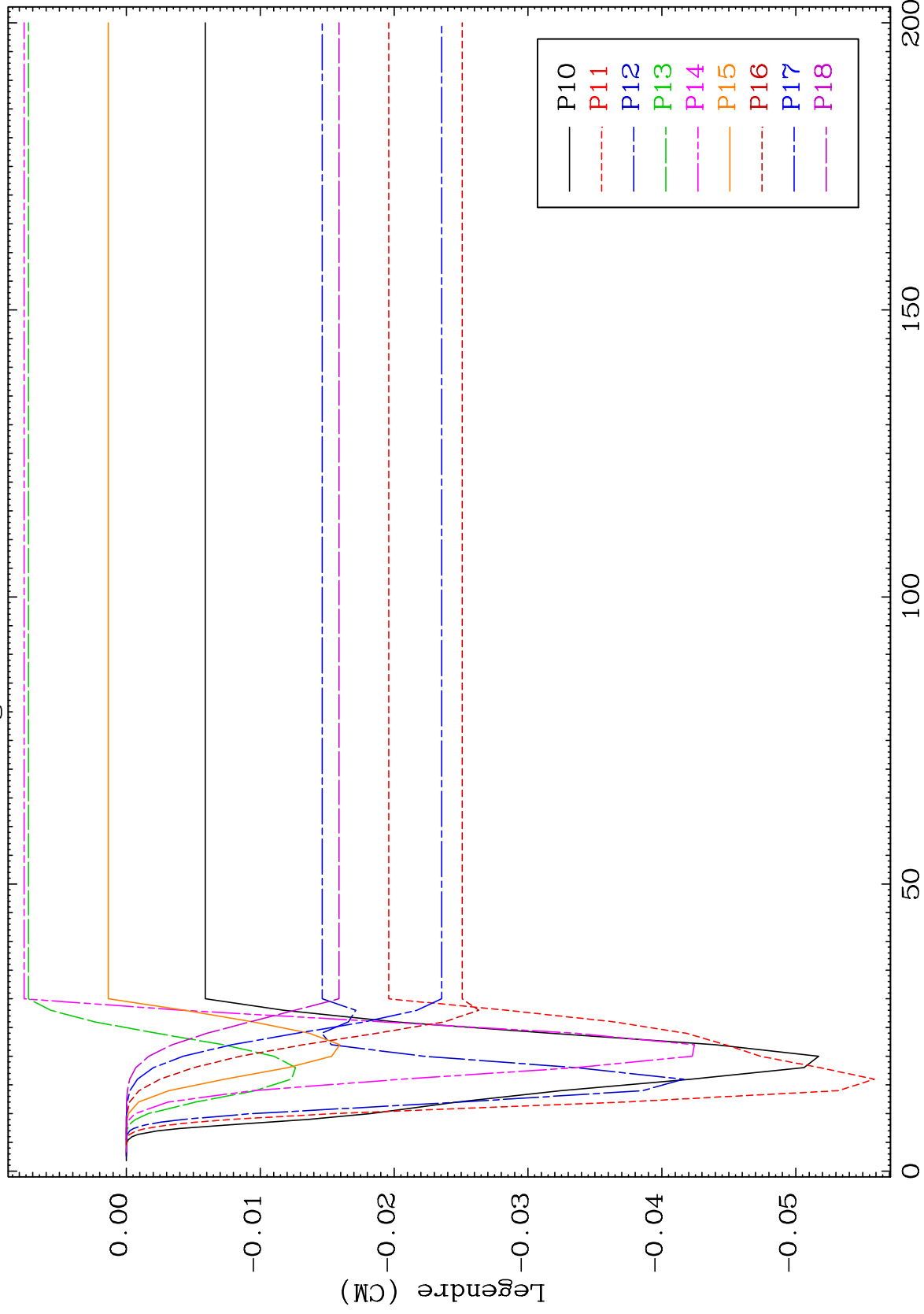
Incident Energy (MeV)

48-Cd-107

MAT 4828

998.6 keV (n,n') Level
Legendre Coefficients

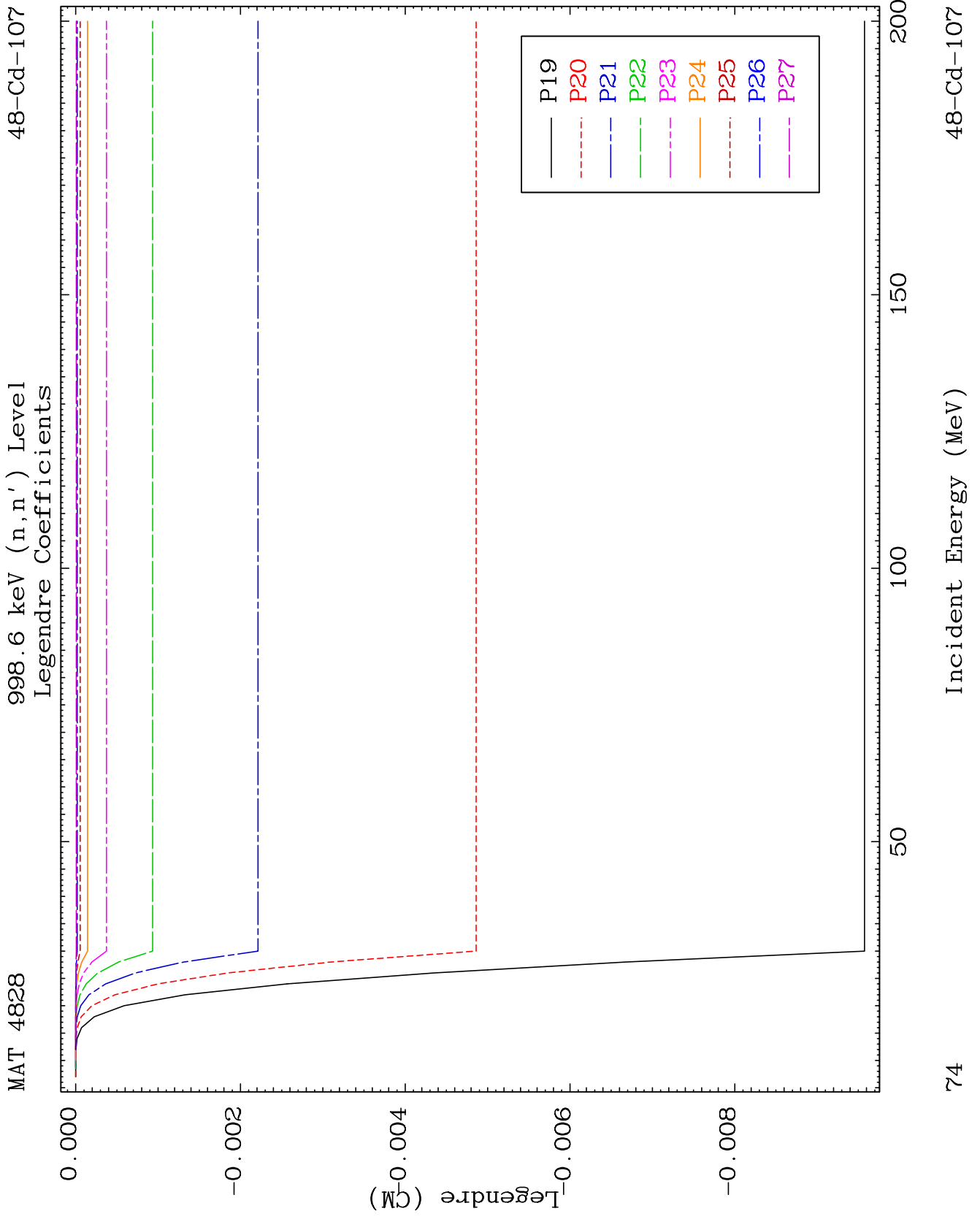
48-Cd-107

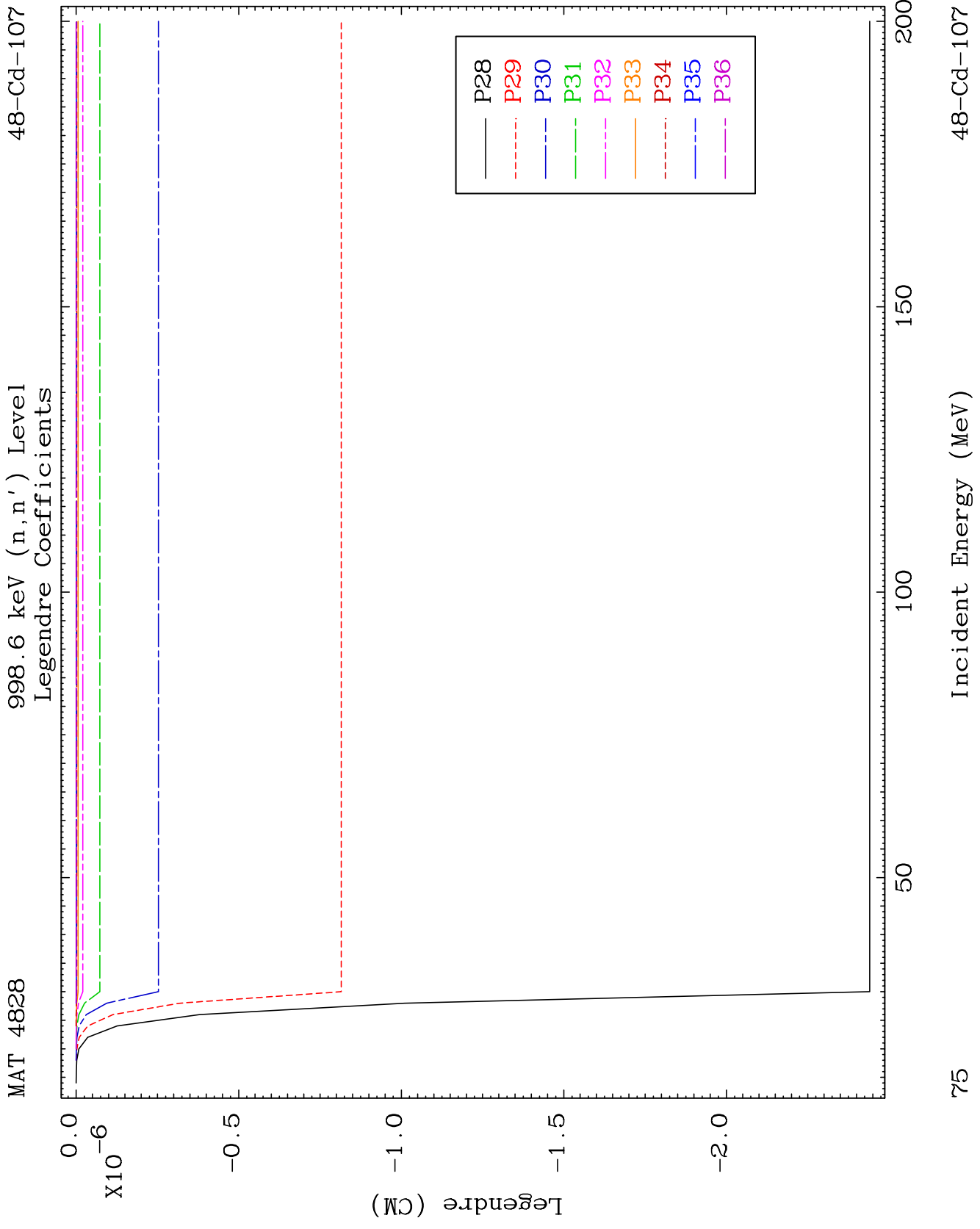


73

Incident Energy (MeV)

48-Cd-107

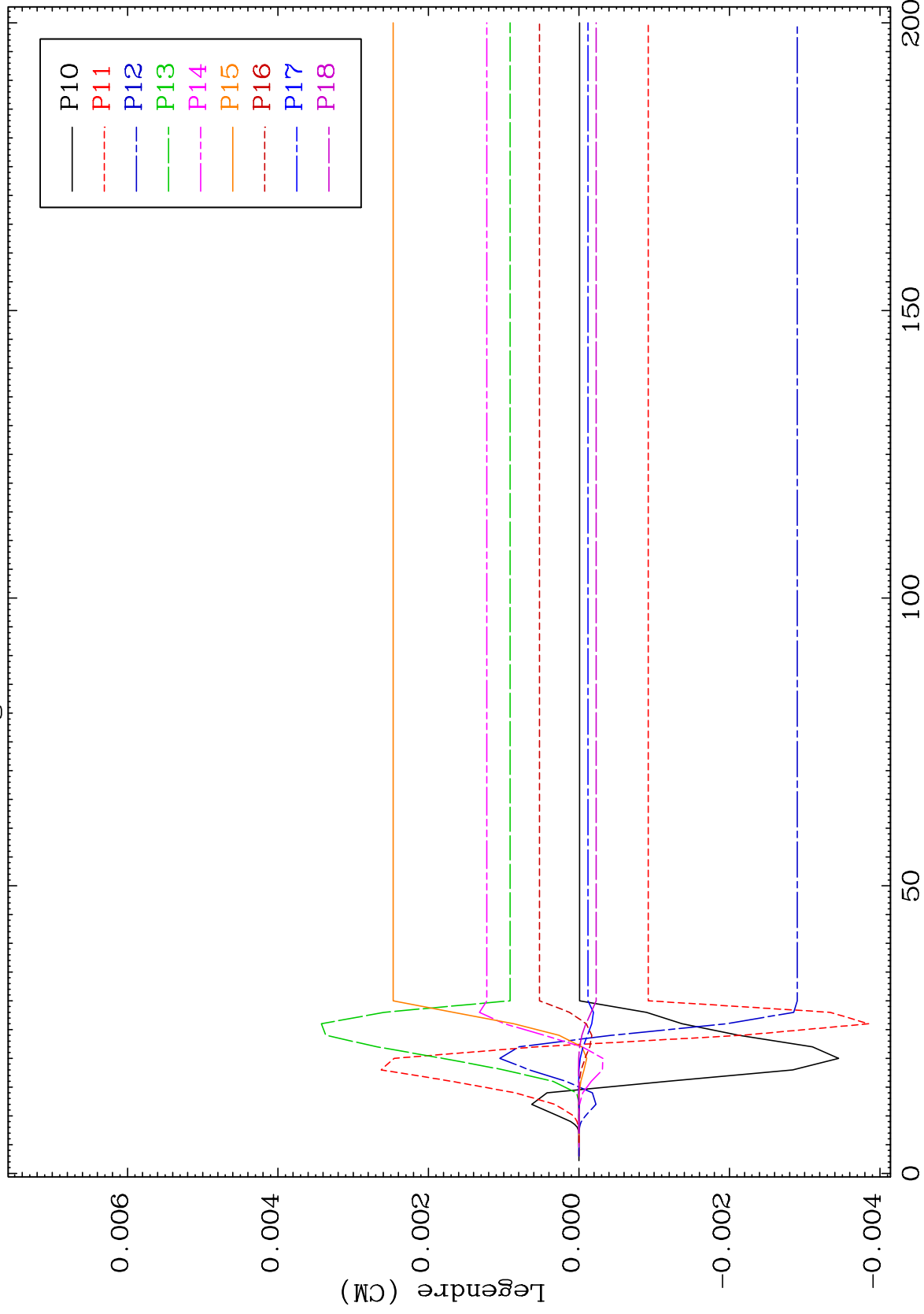




MAT 4828

1.059 MeV (n,n') Level
Legendre Coefficients

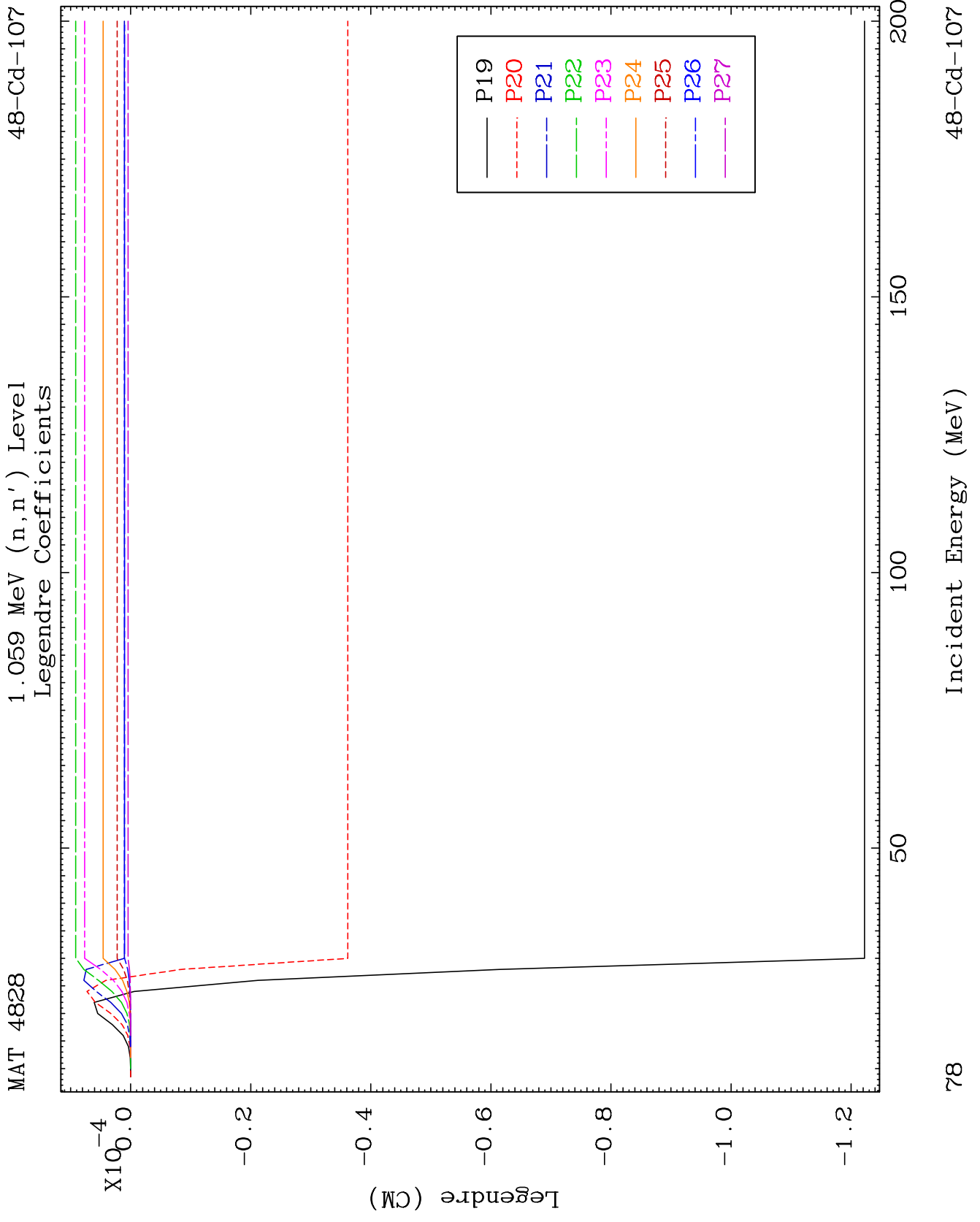
48-Cd-107

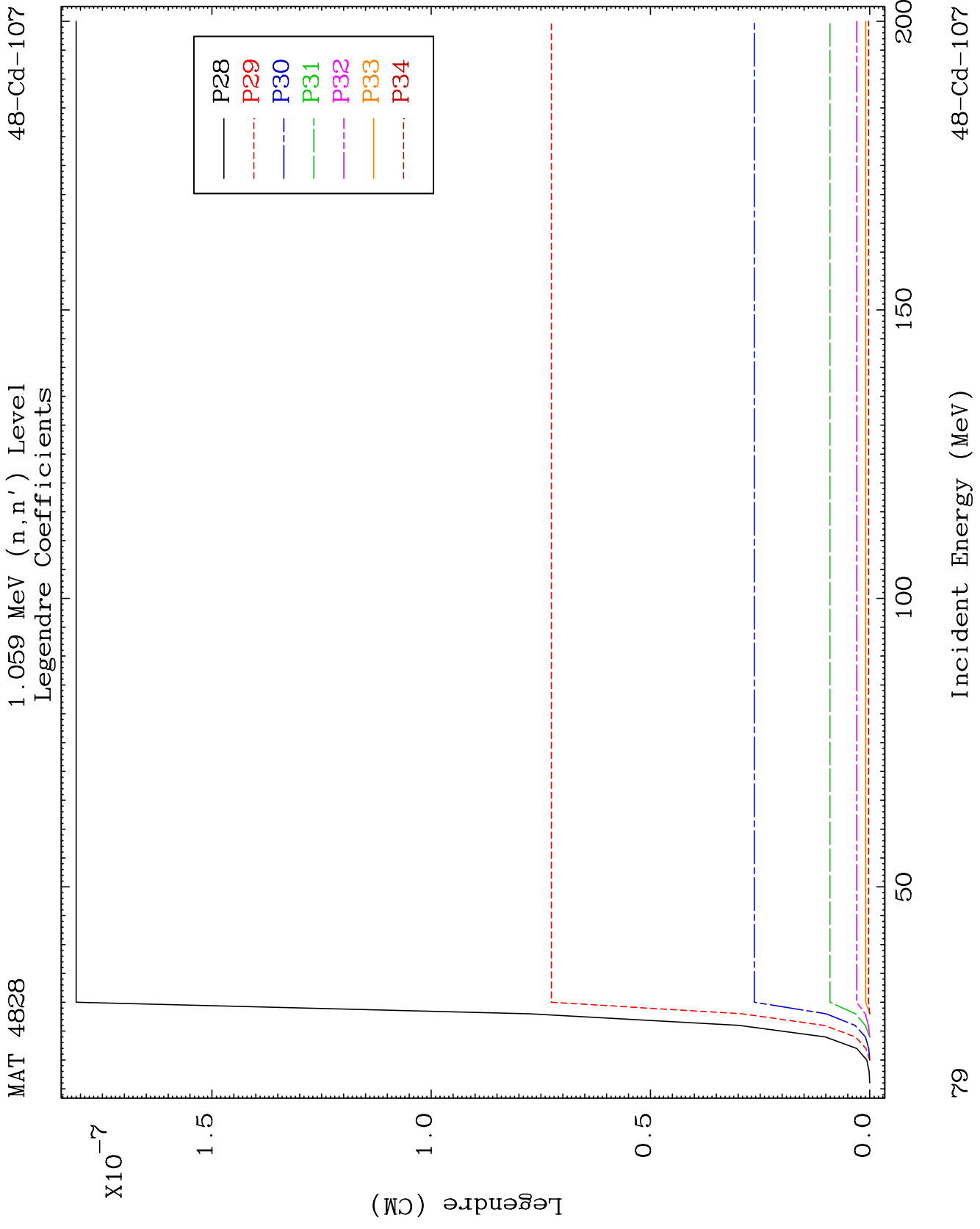


77

Incident Energy (MeV)

48-Cd-107

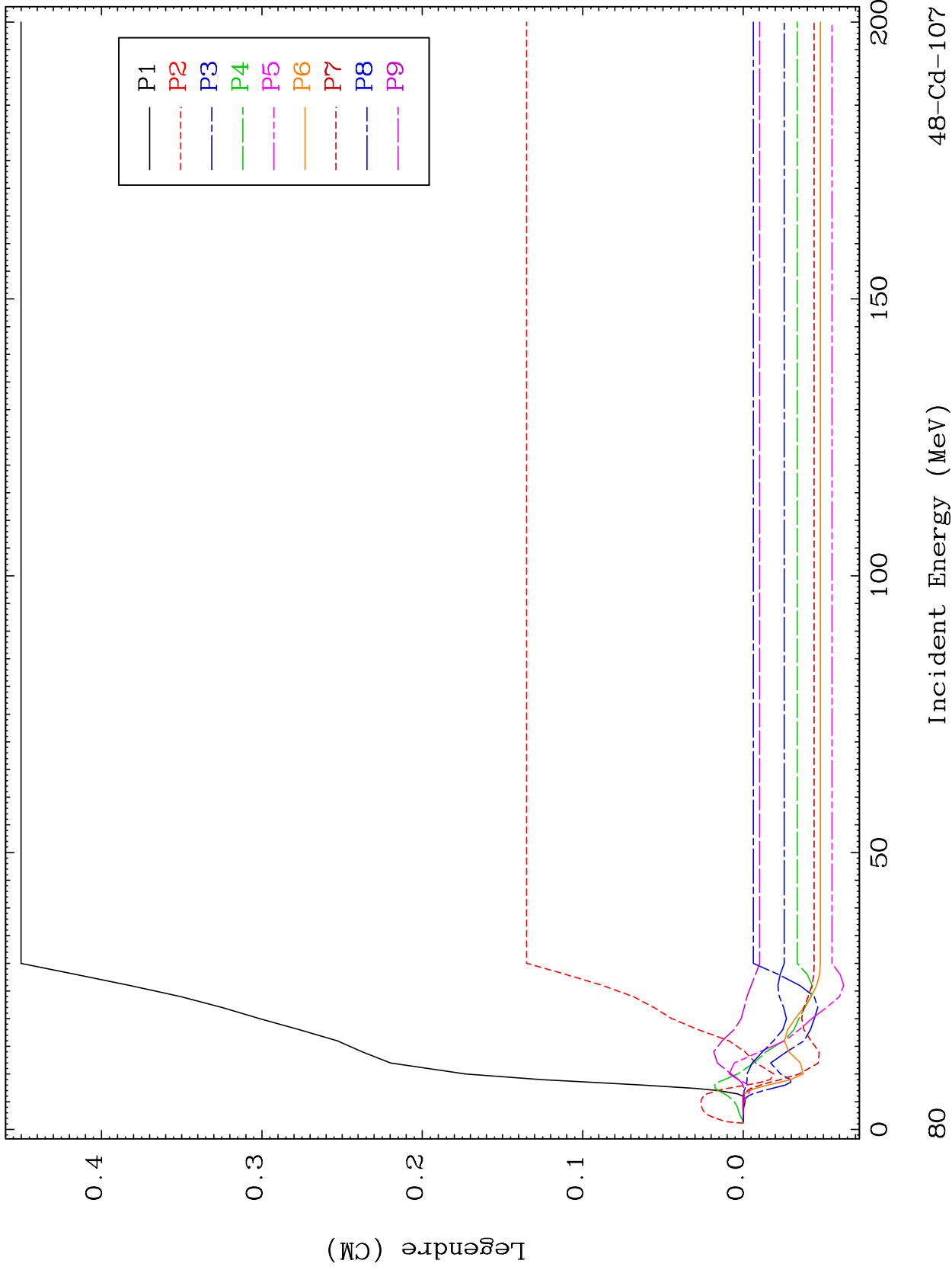




MAT 4828

1.109 MeV (n,n') Level
Legendre Coefficients

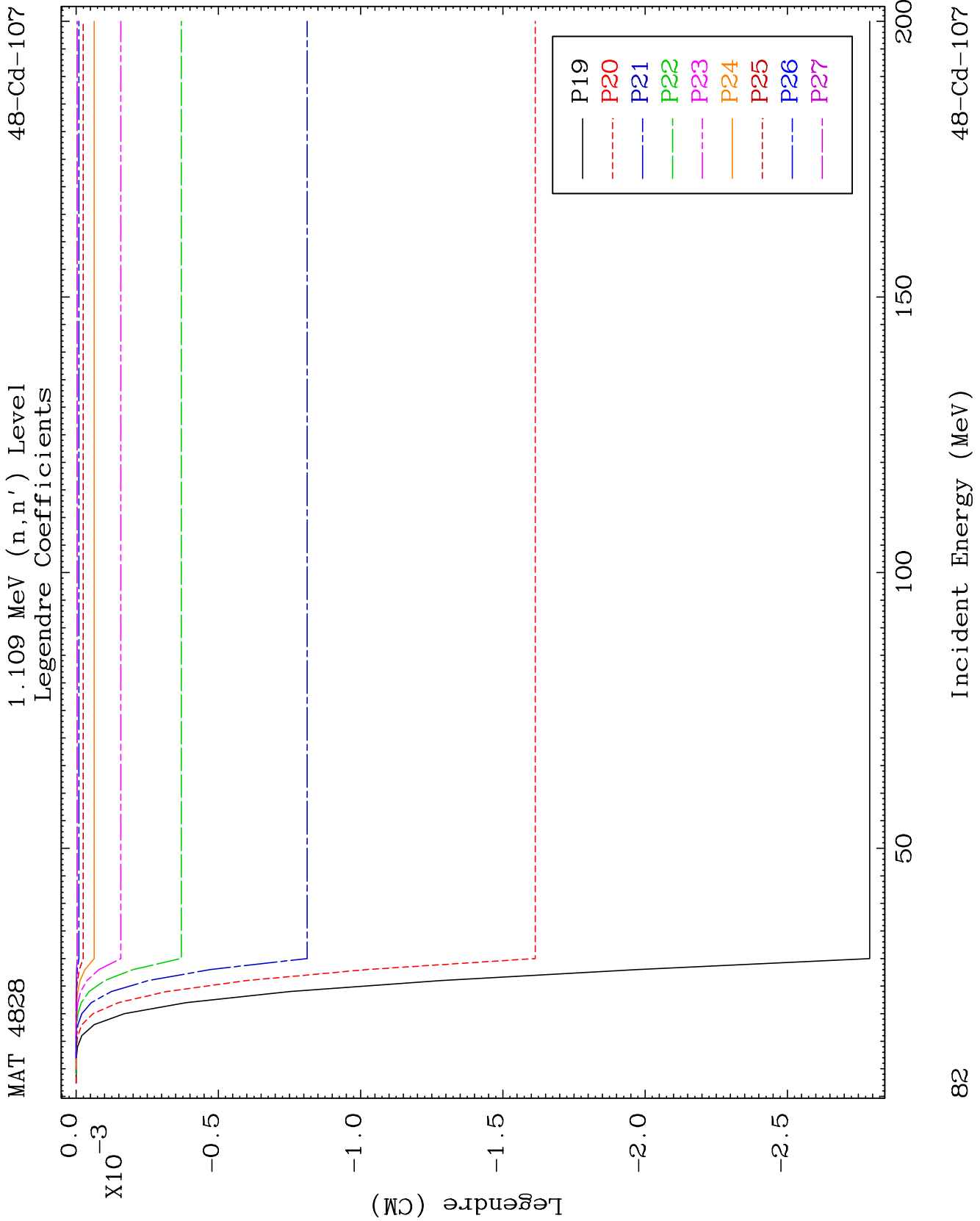
48-Cd-107

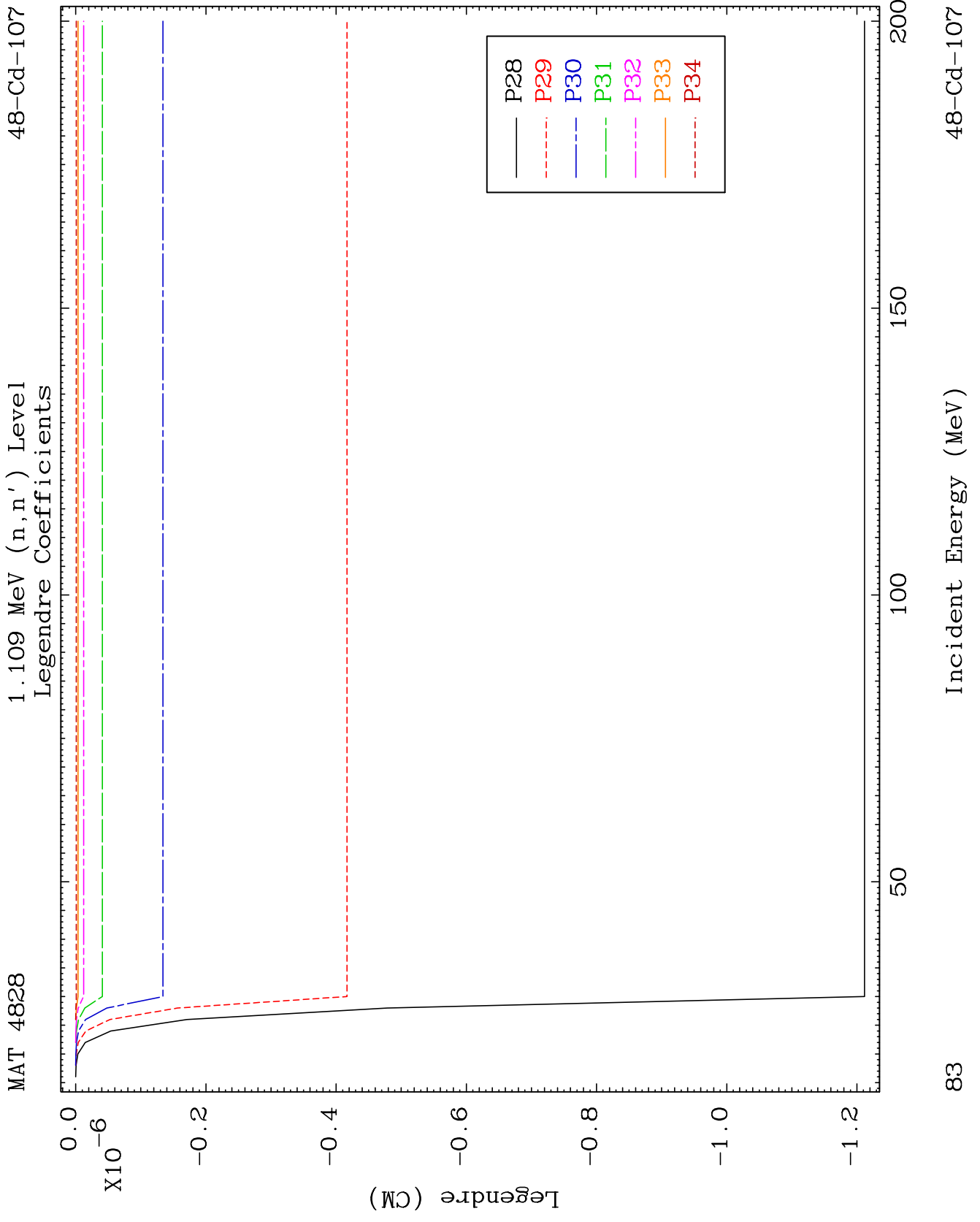


48-Cd-107

Incident Energy (MeV)

80

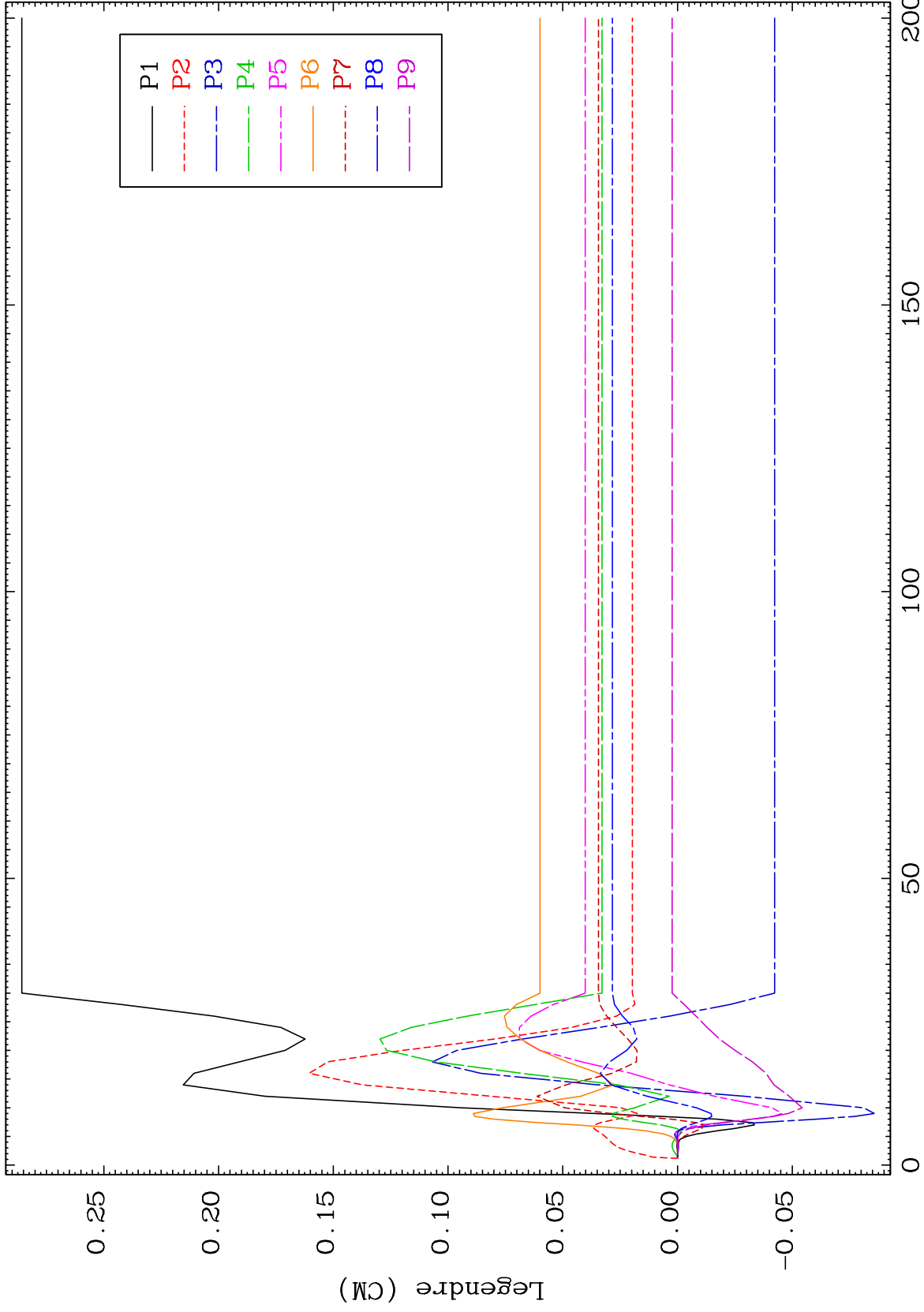




MAT 4828

1.159 MeV (n,n') Level
Legendre Coefficients

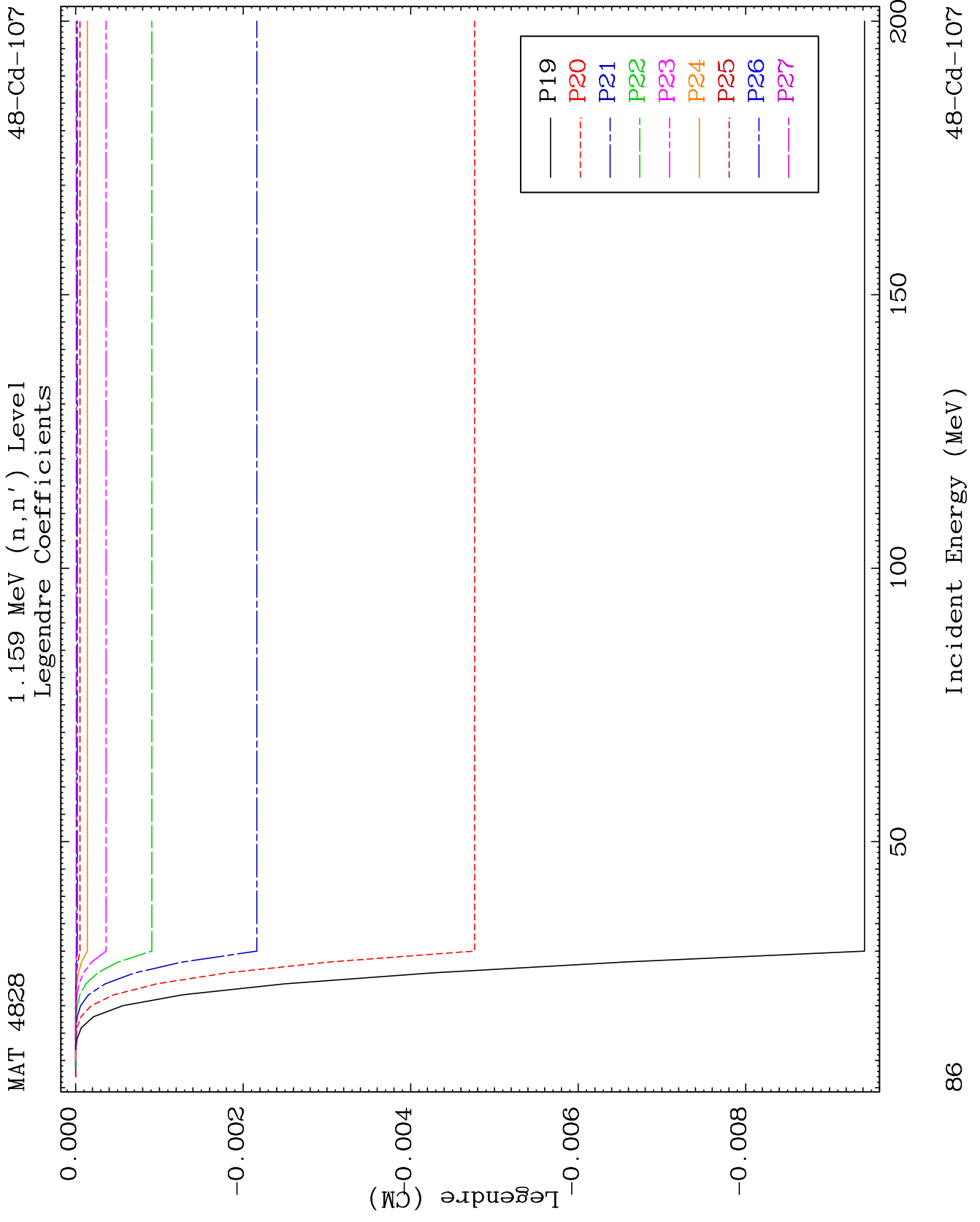
48-Cd-107

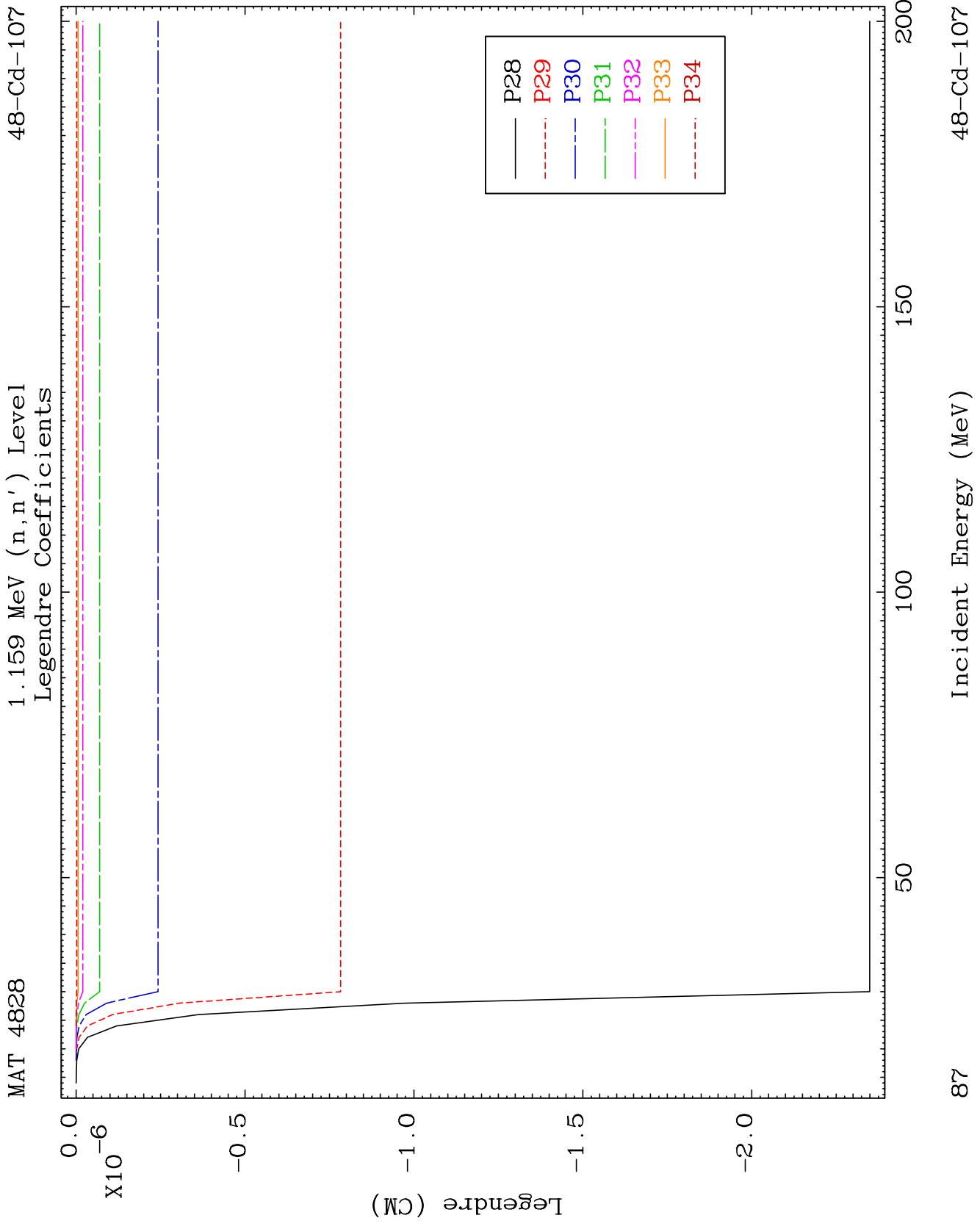


84

Incident Energy (MeV)

48-Cd-107

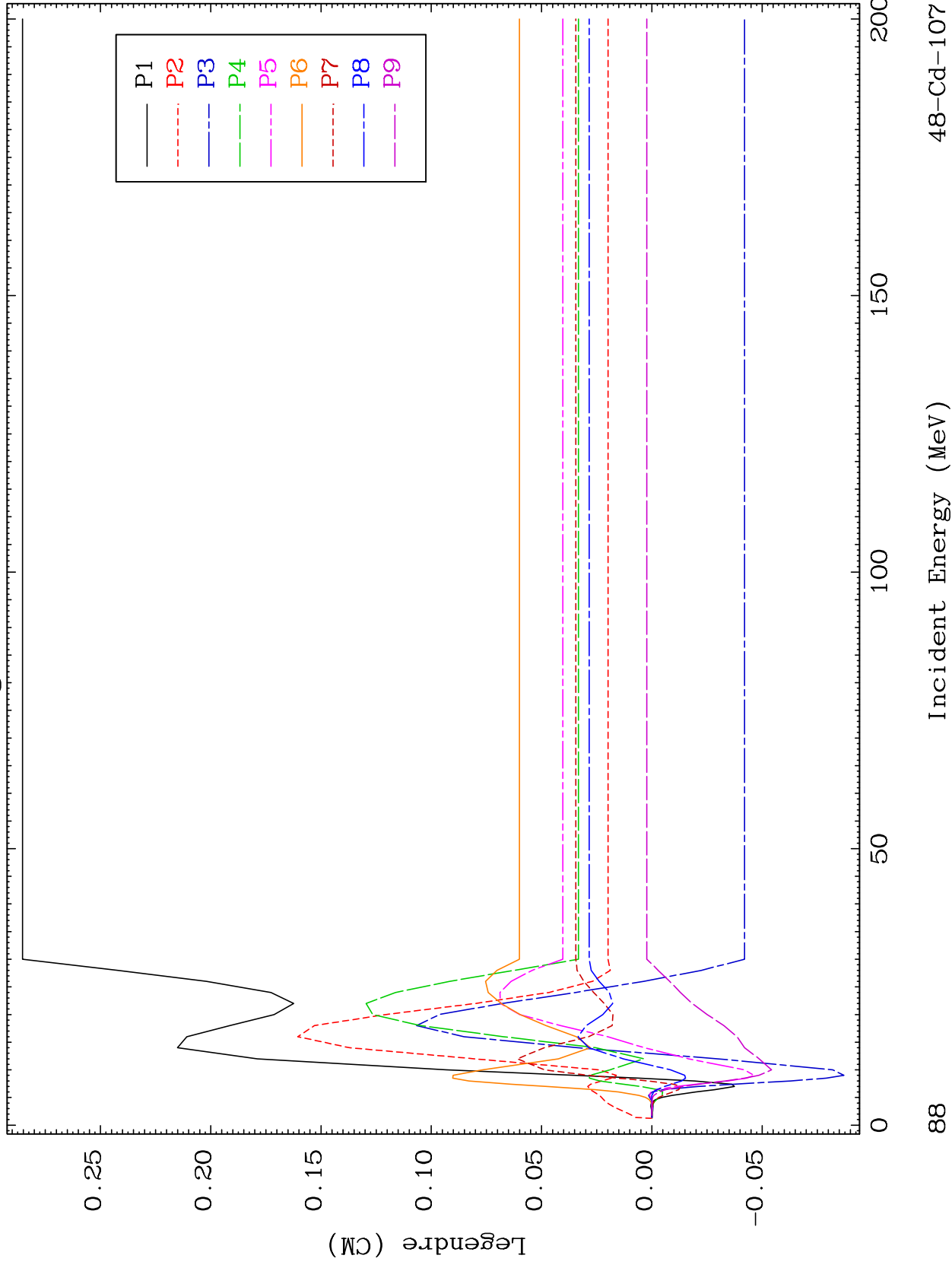




MAT 4828

1.214 MeV (n,n') Level
Legendre Coefficients

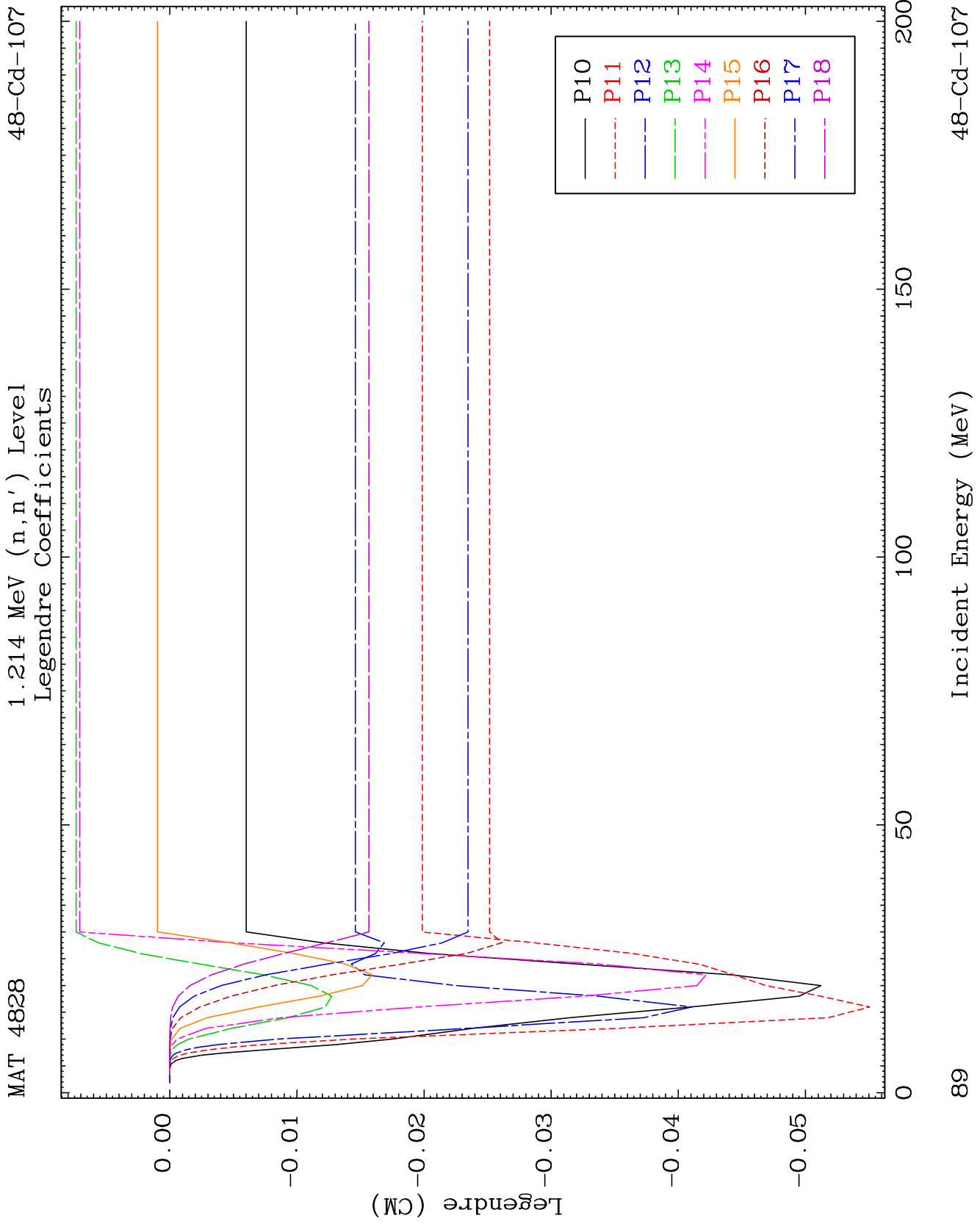
48-Cd-107

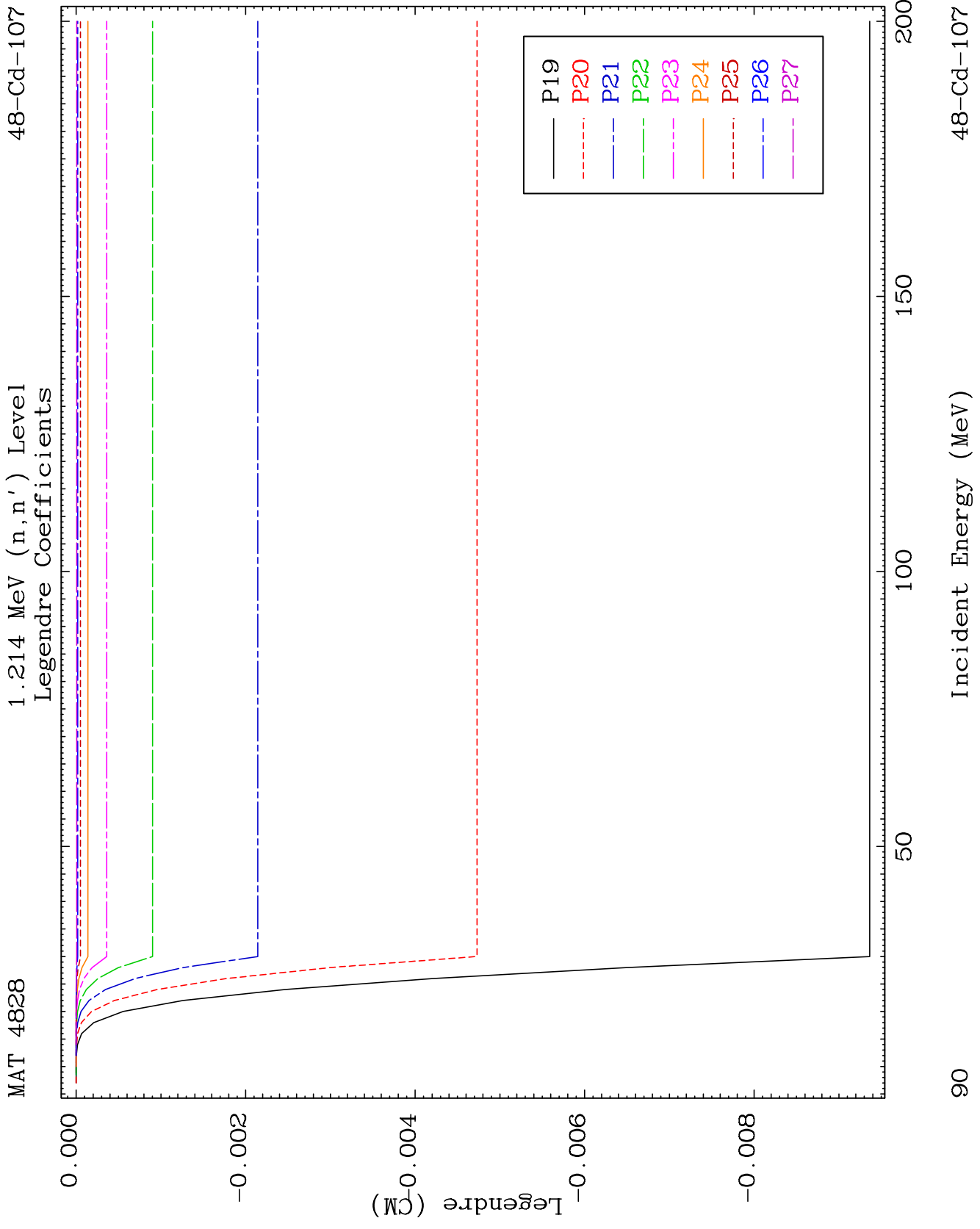


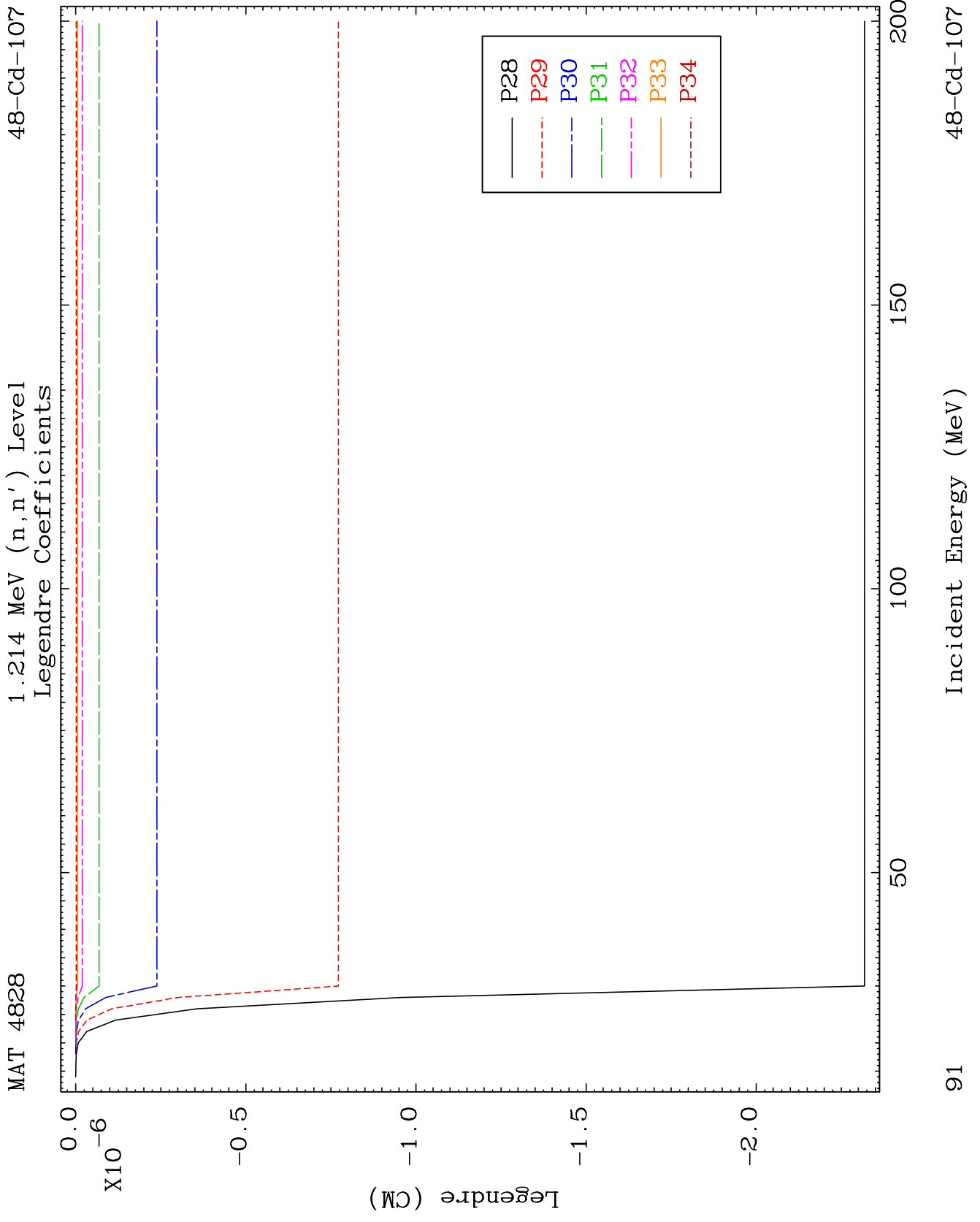
88

Incident Energy (MeV)

48-Cd-107



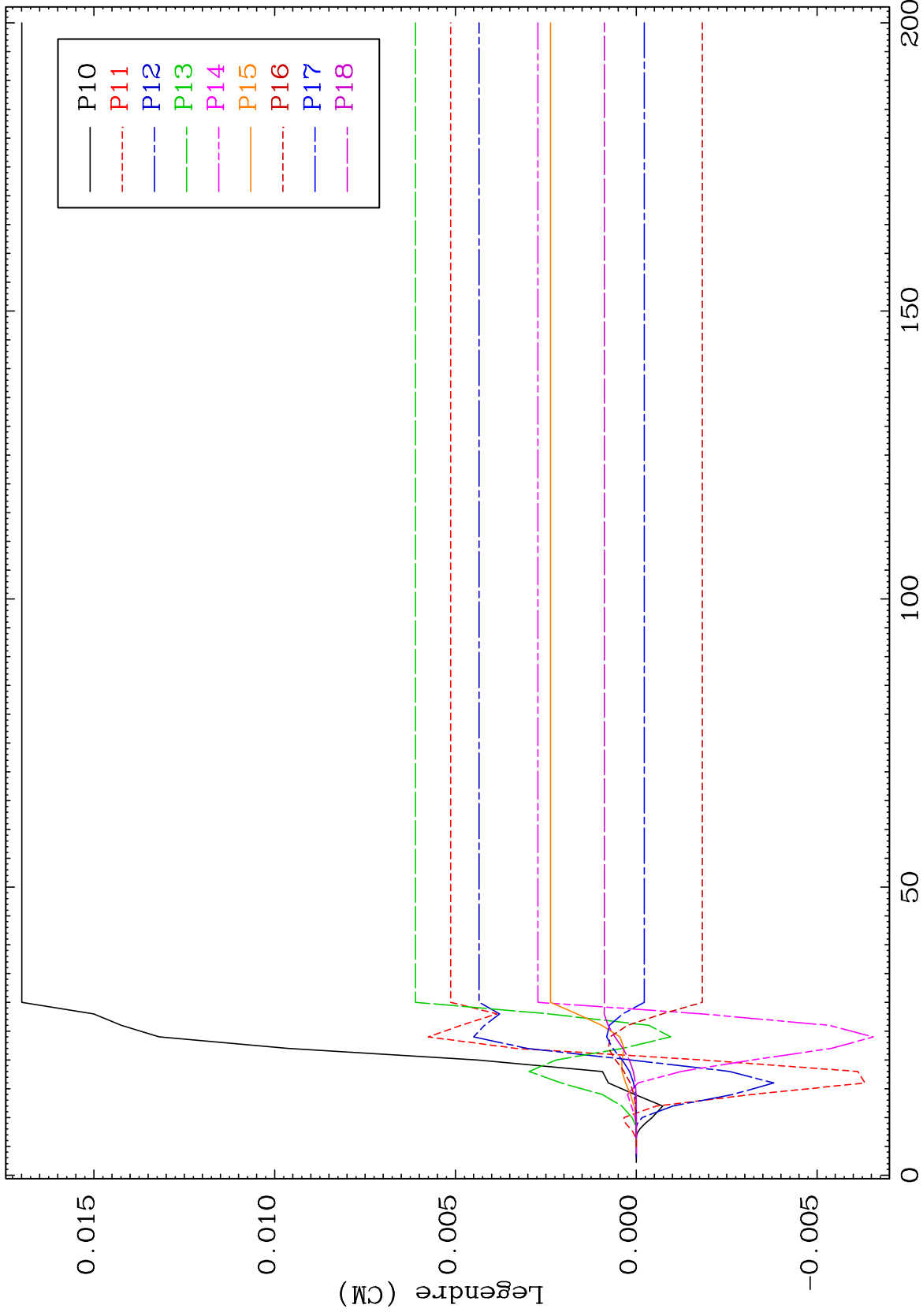




MAT 4828

1.236 MeV (n,n') Level
Legendre Coefficients

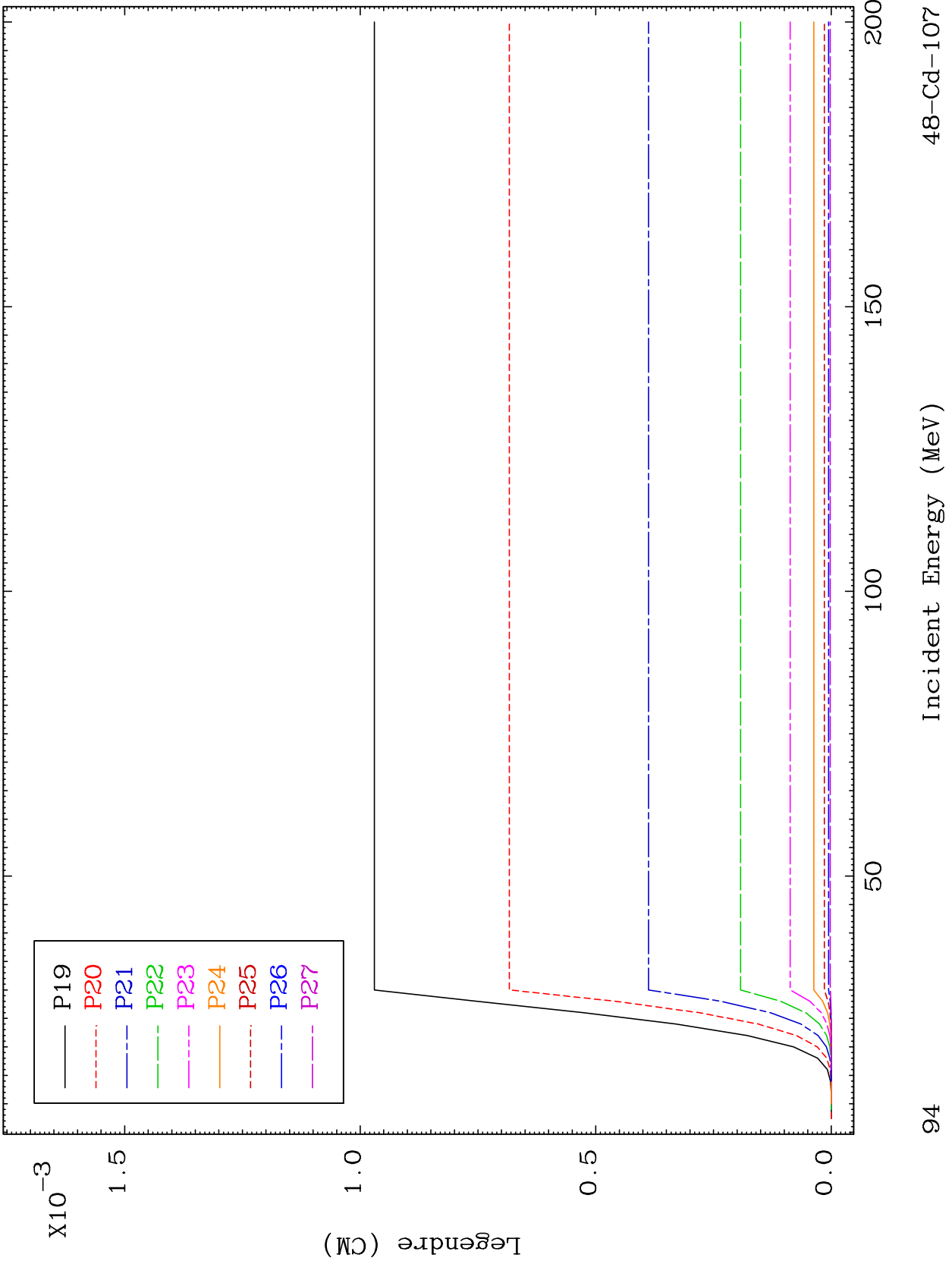
48-Cd-107



93

Incident Energy (MeV)

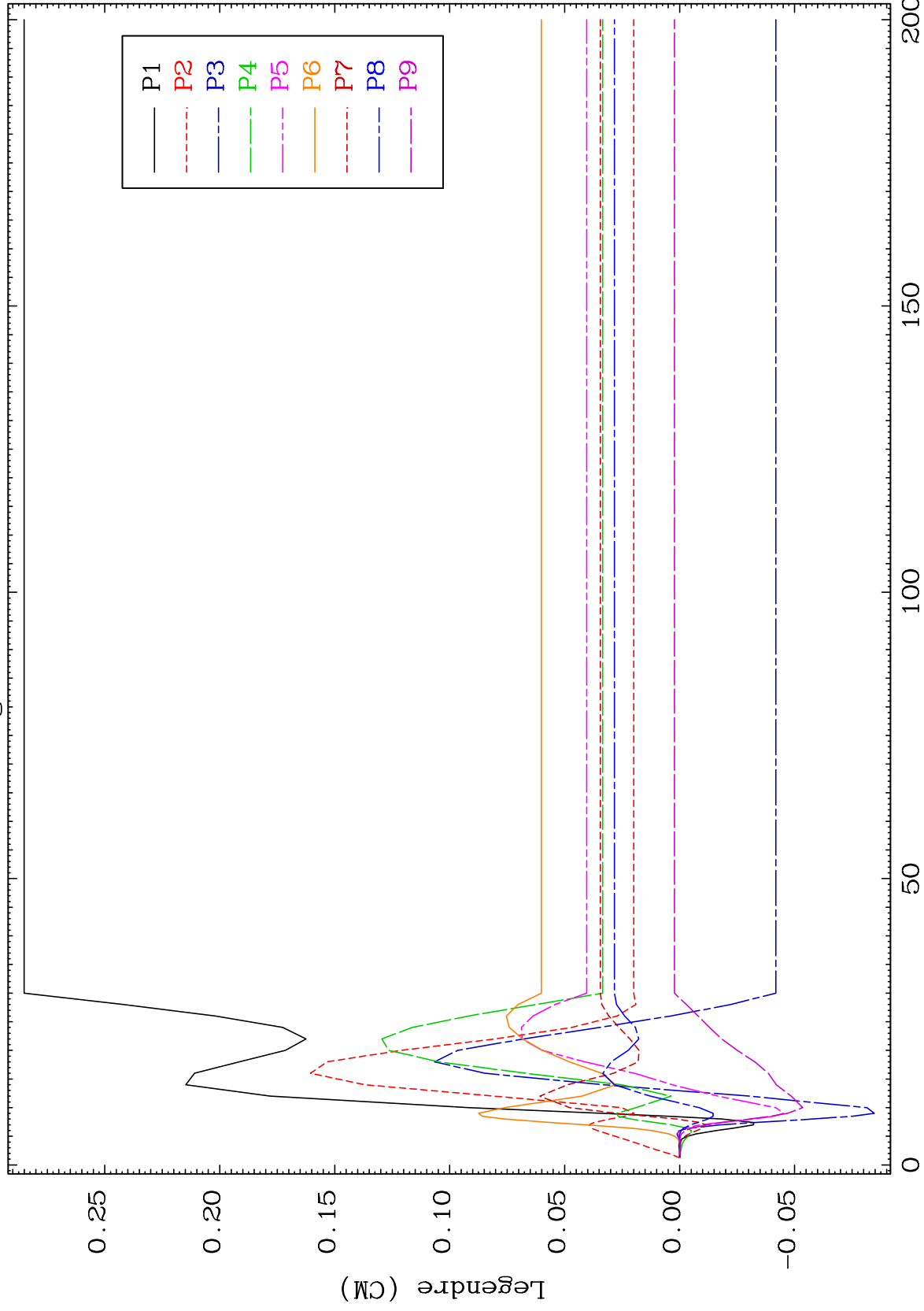
48-Cd-107



MAT 4828

1.245 MeV (n,n') Level
Legendre Coefficients

48-Cd-107



96

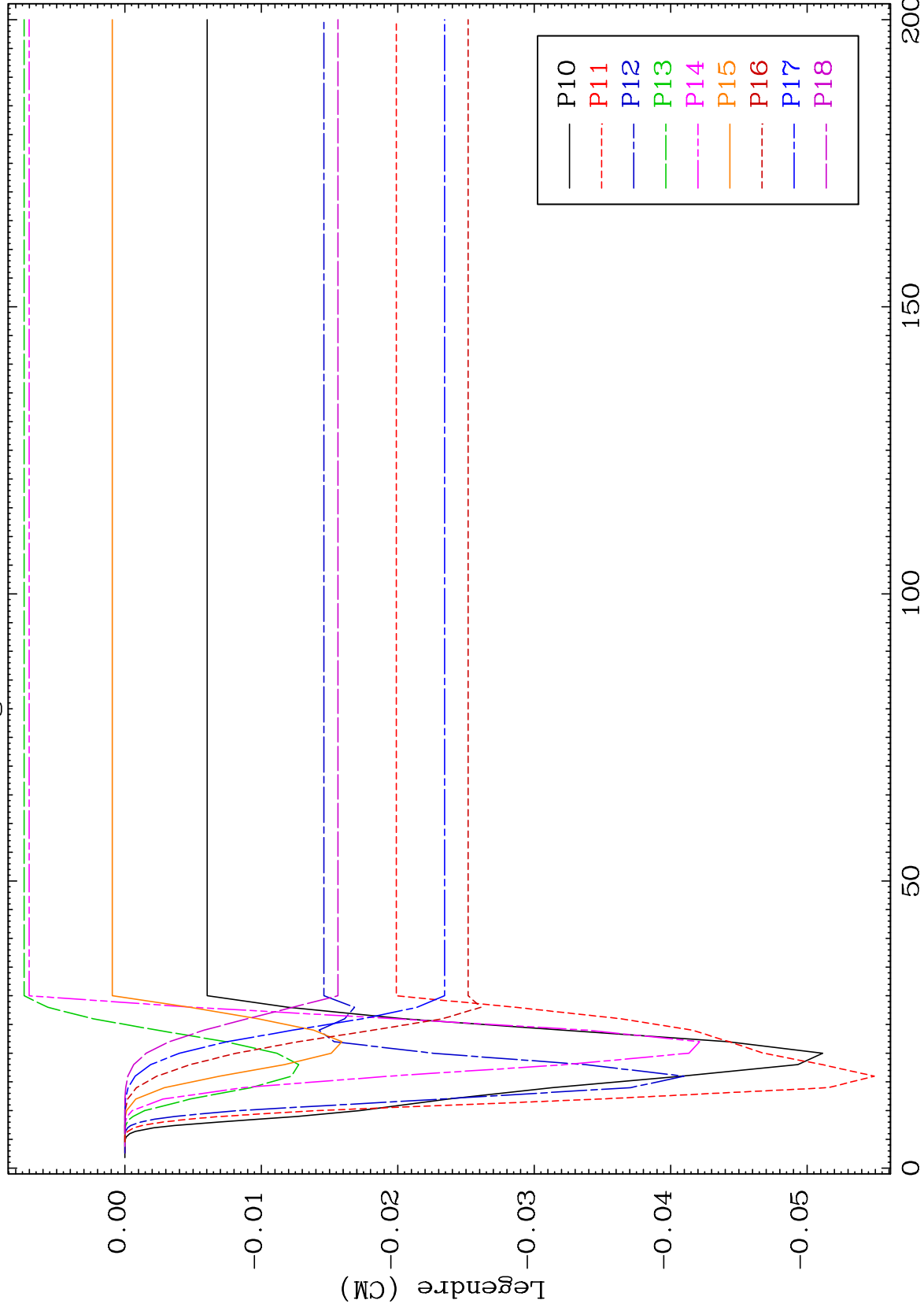
Incident Energy (MeV)

48-Cd-107

MAT 4828

1.245 MeV (n,n') Level
Legendre Coefficients

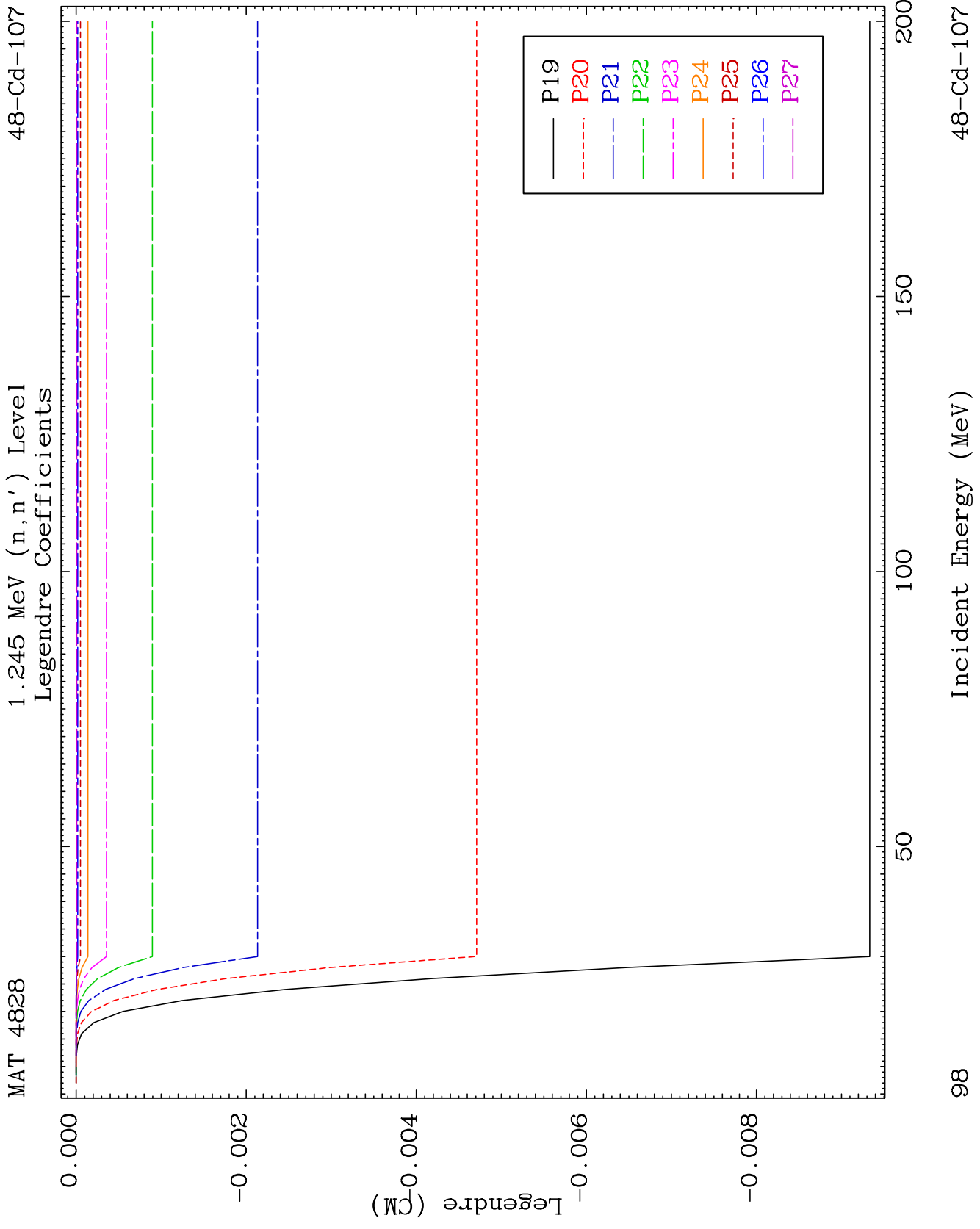
48-Cd-107

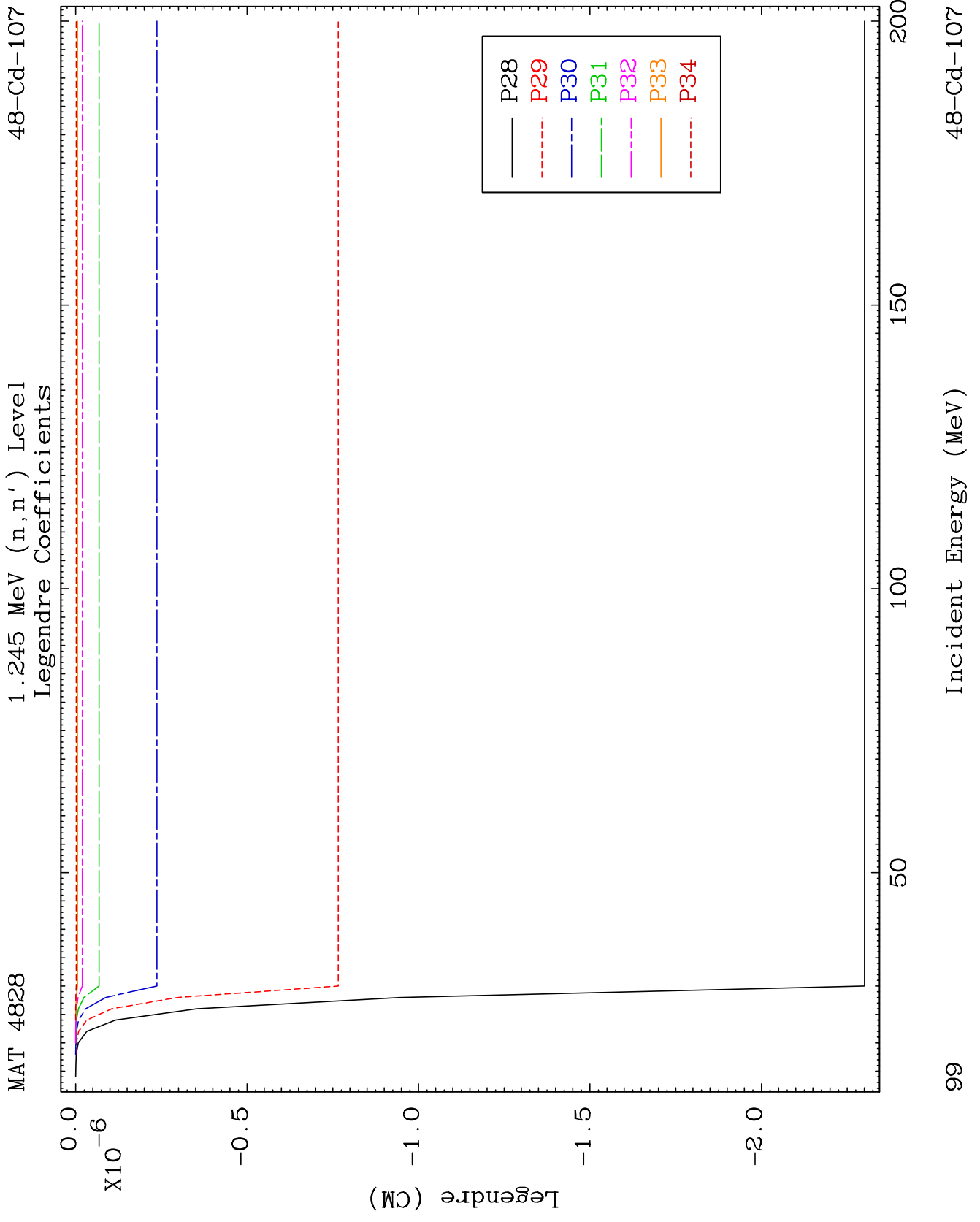


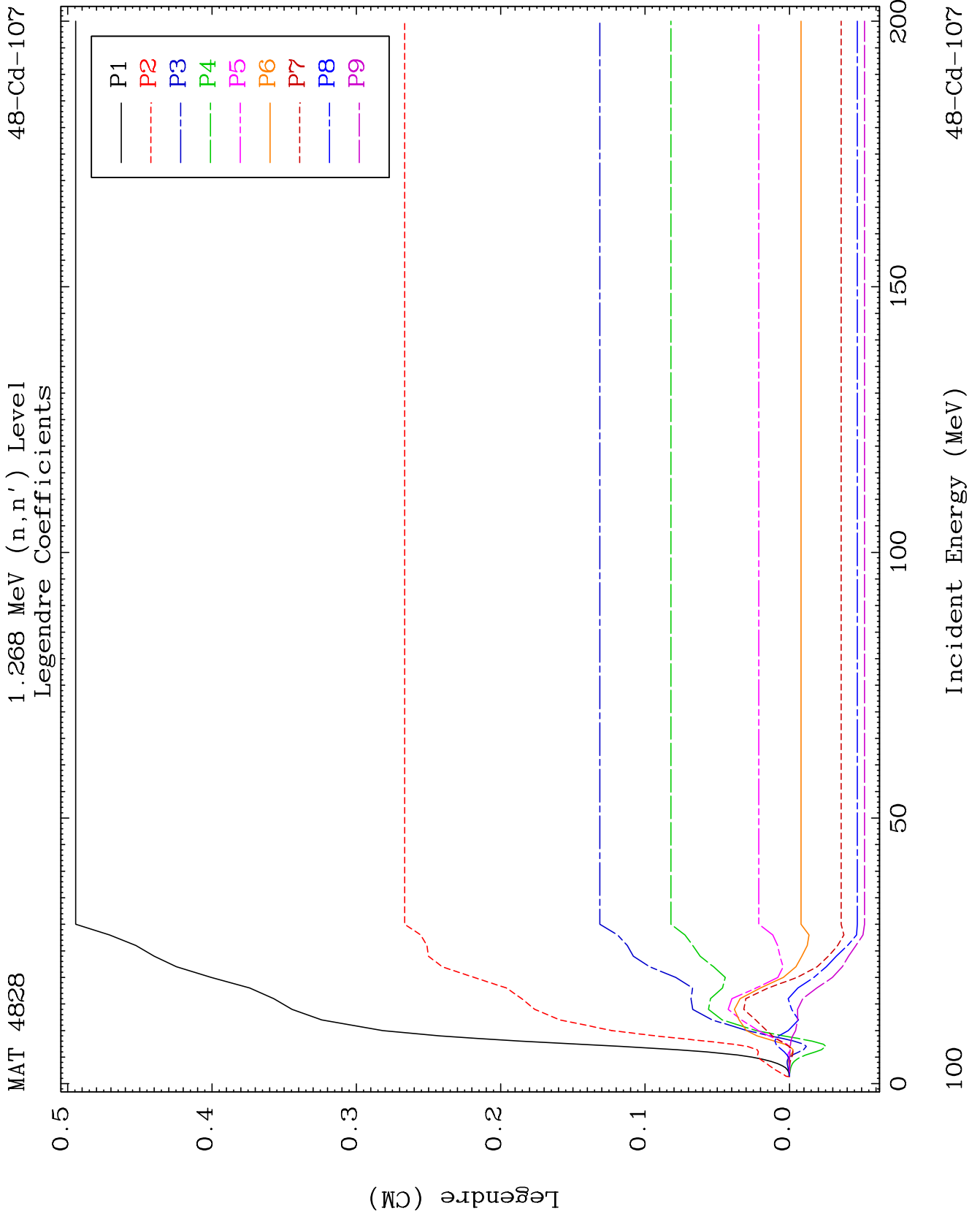
97

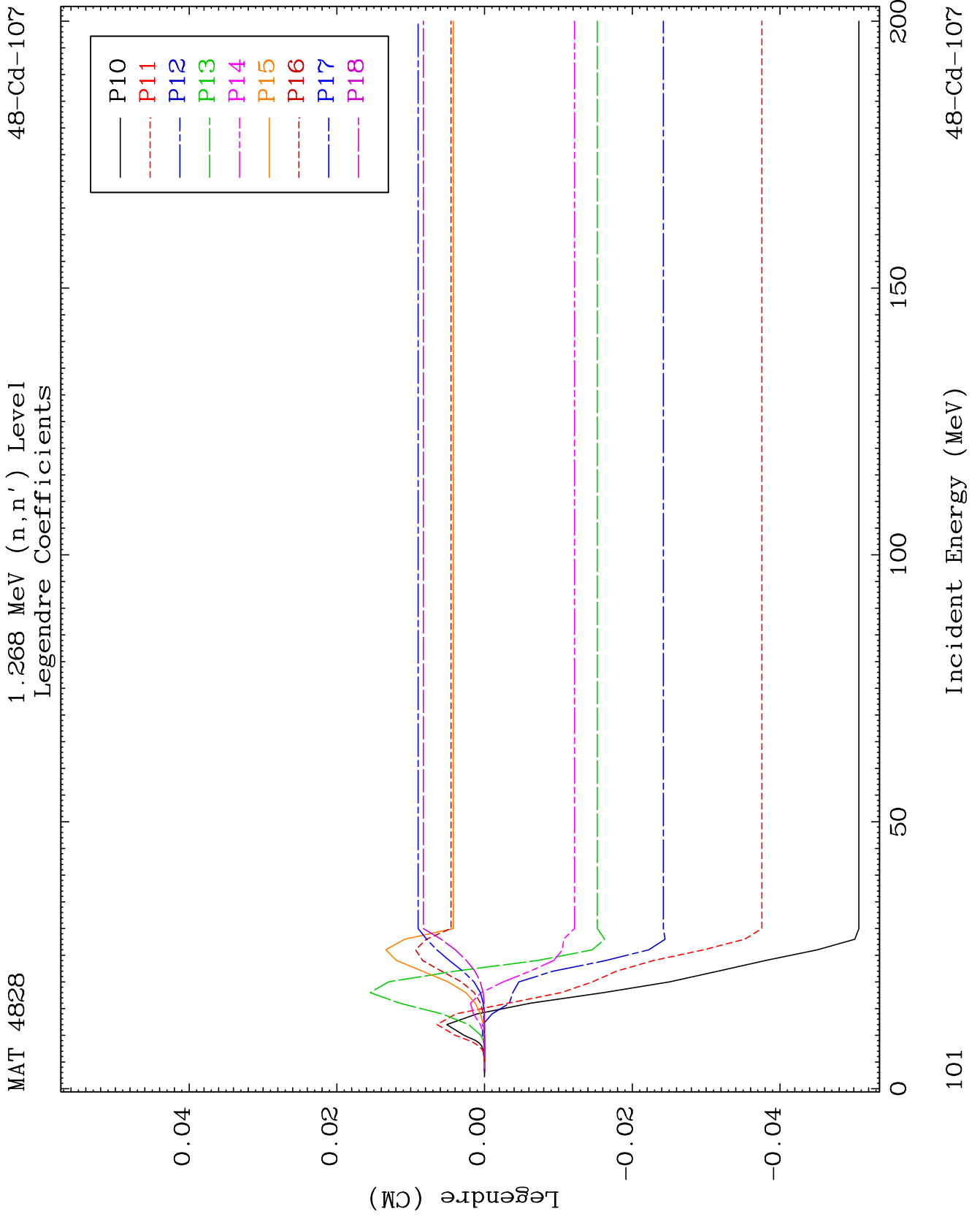
Incident Energy (MeV)

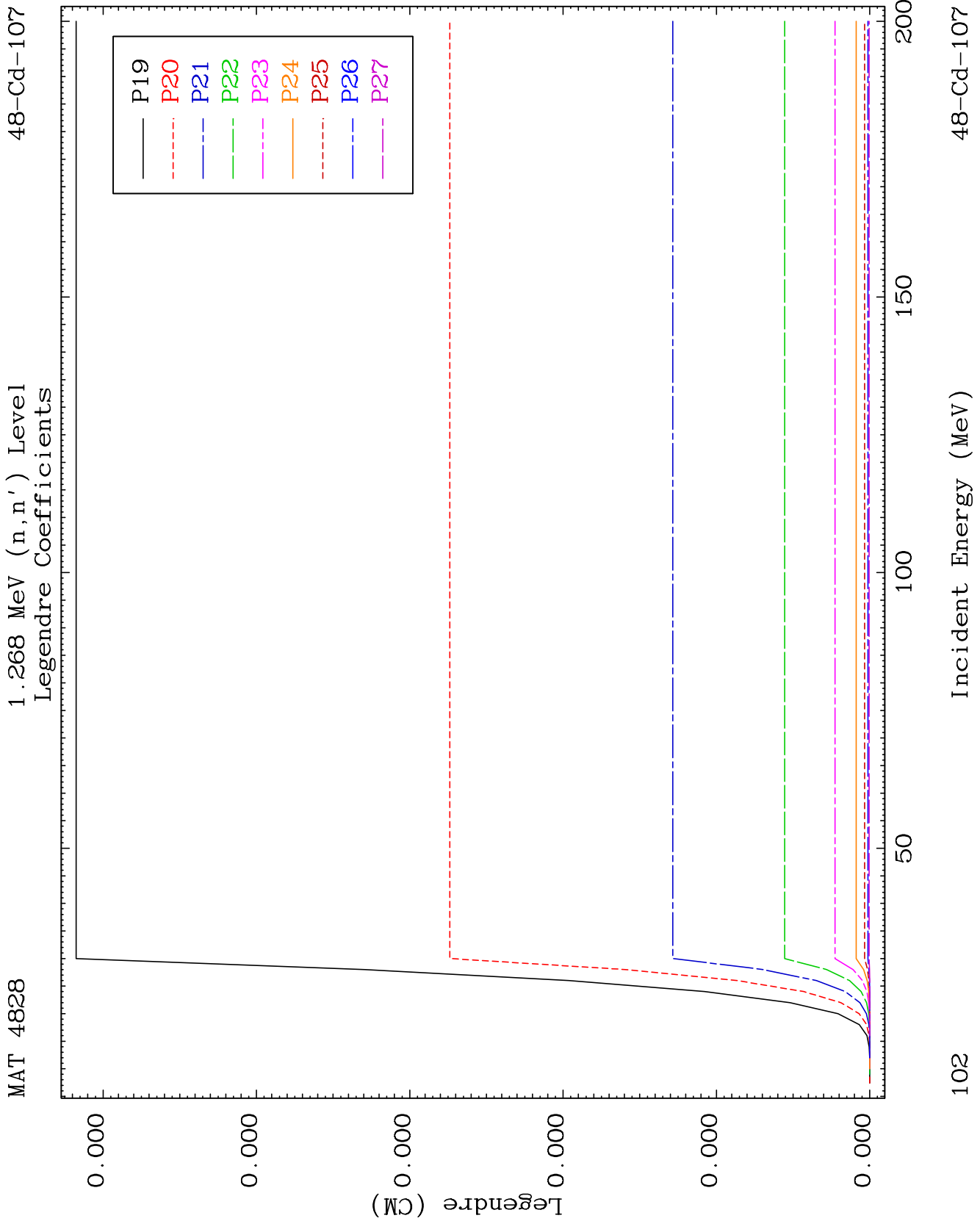
48-Cd-107

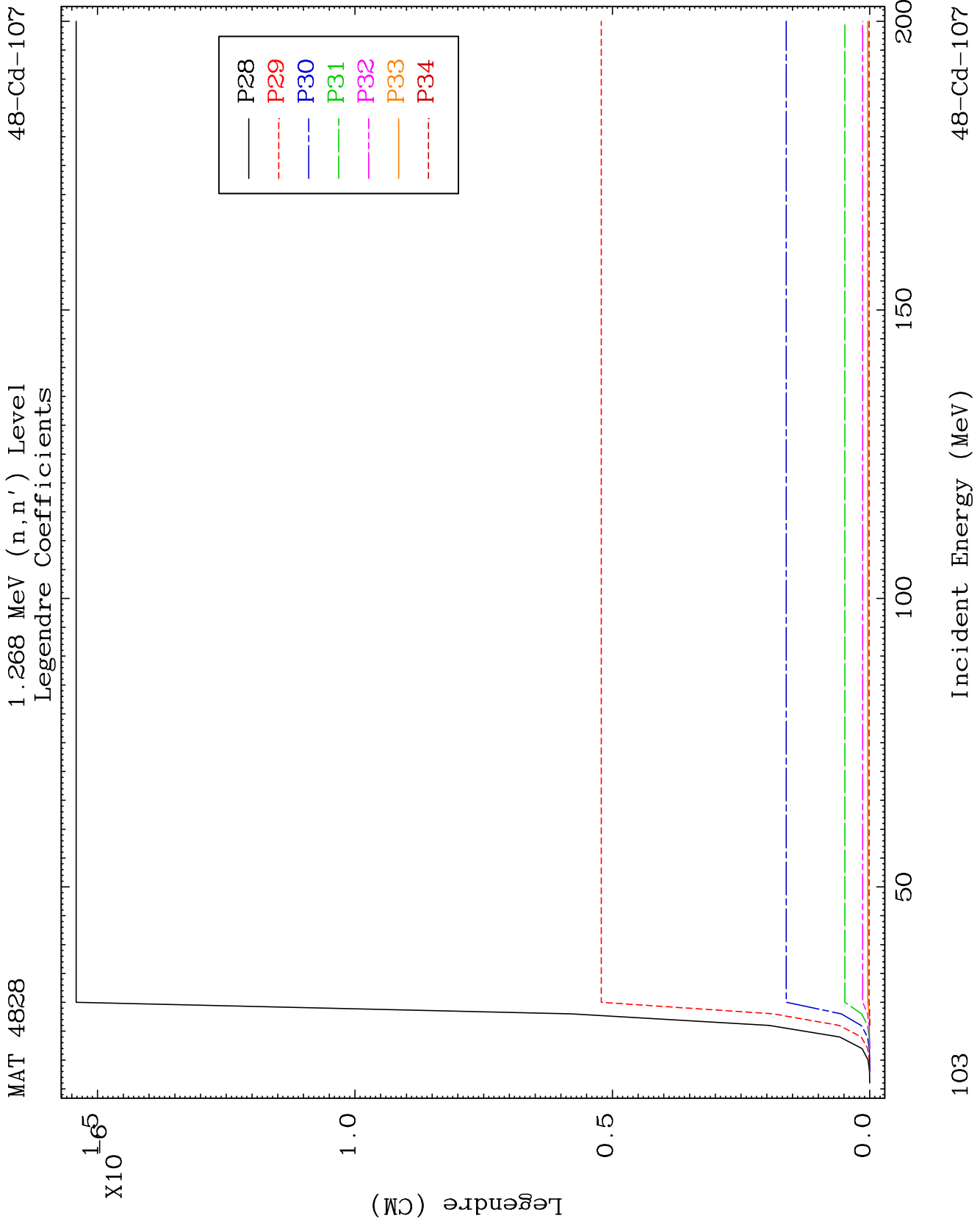


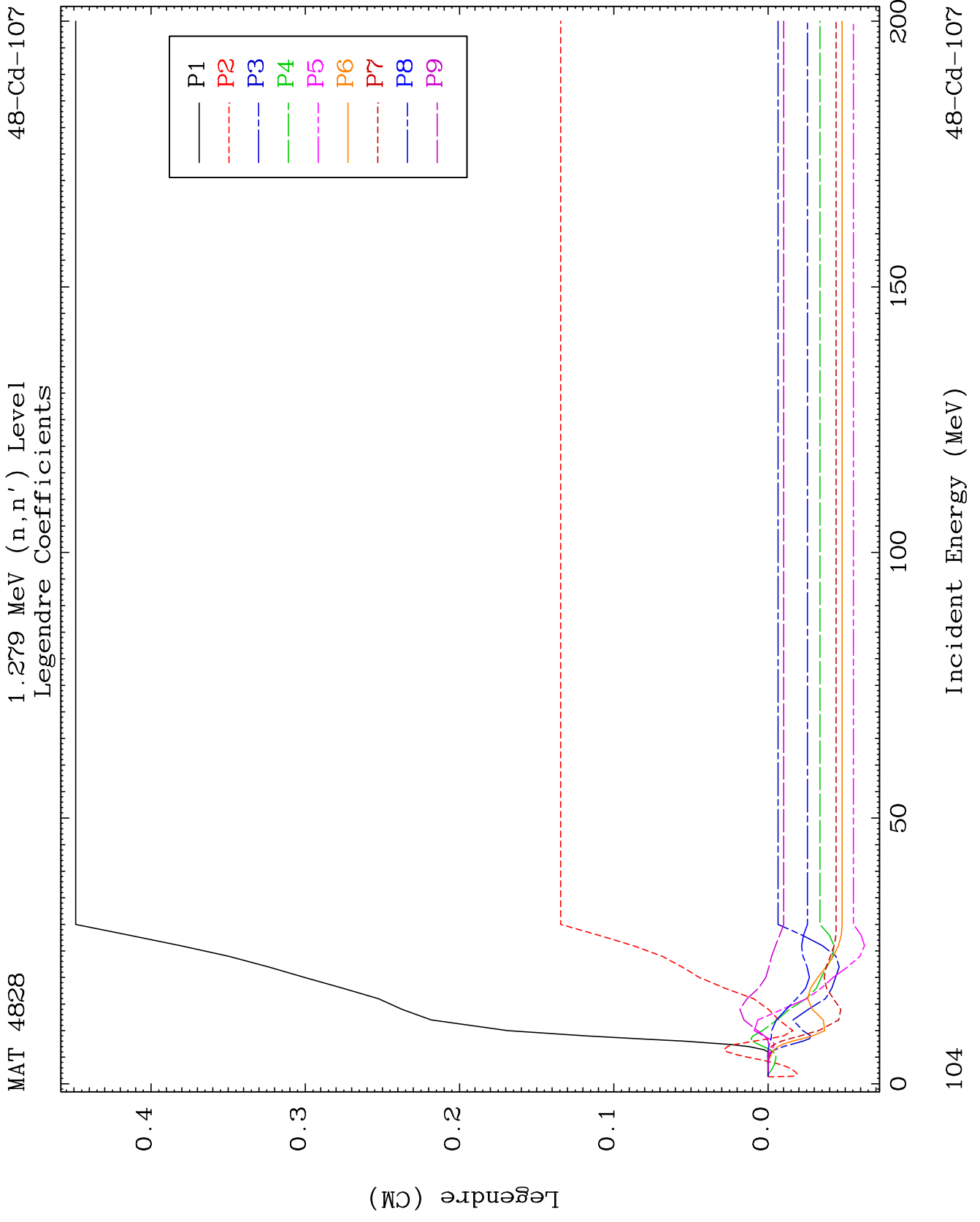


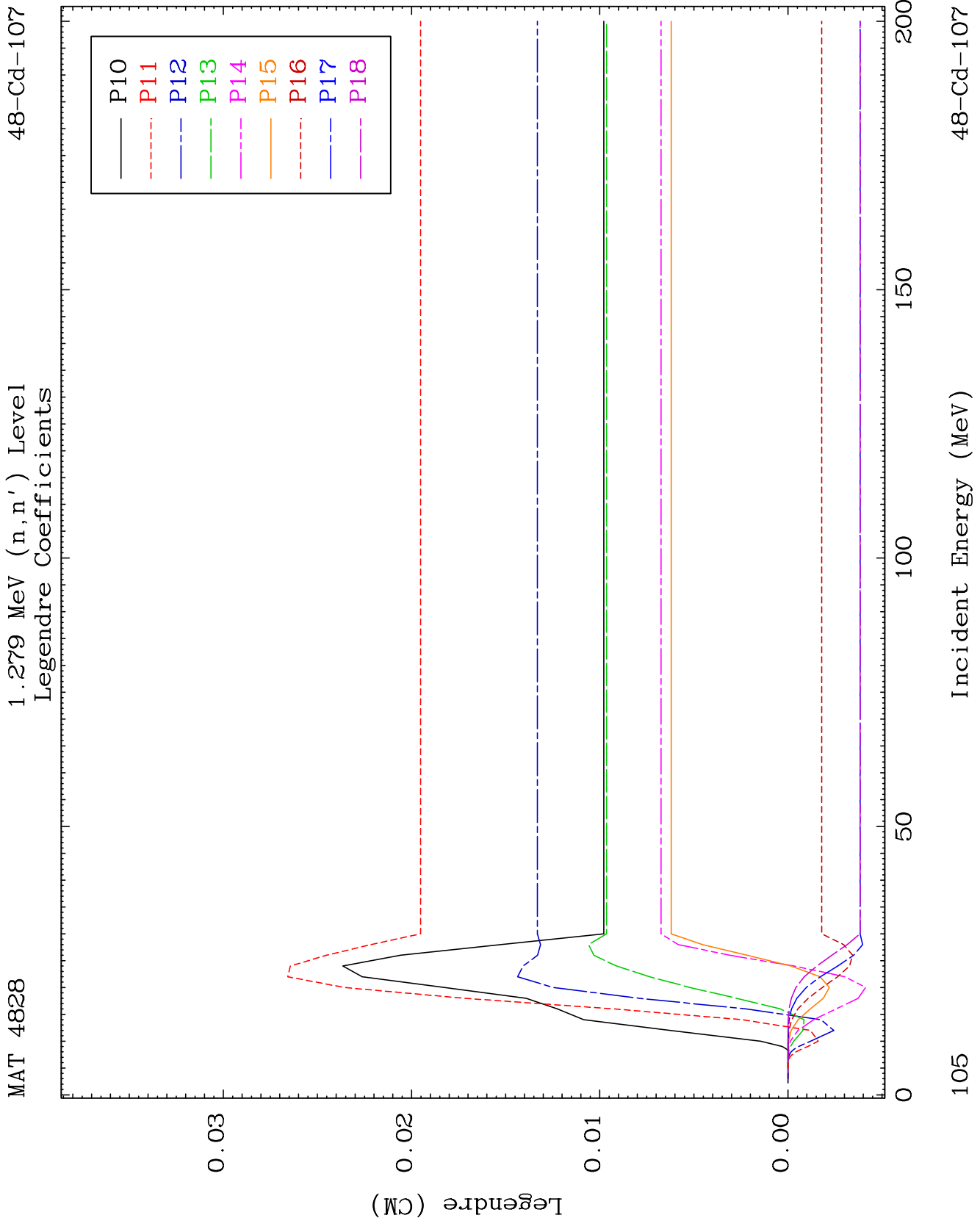


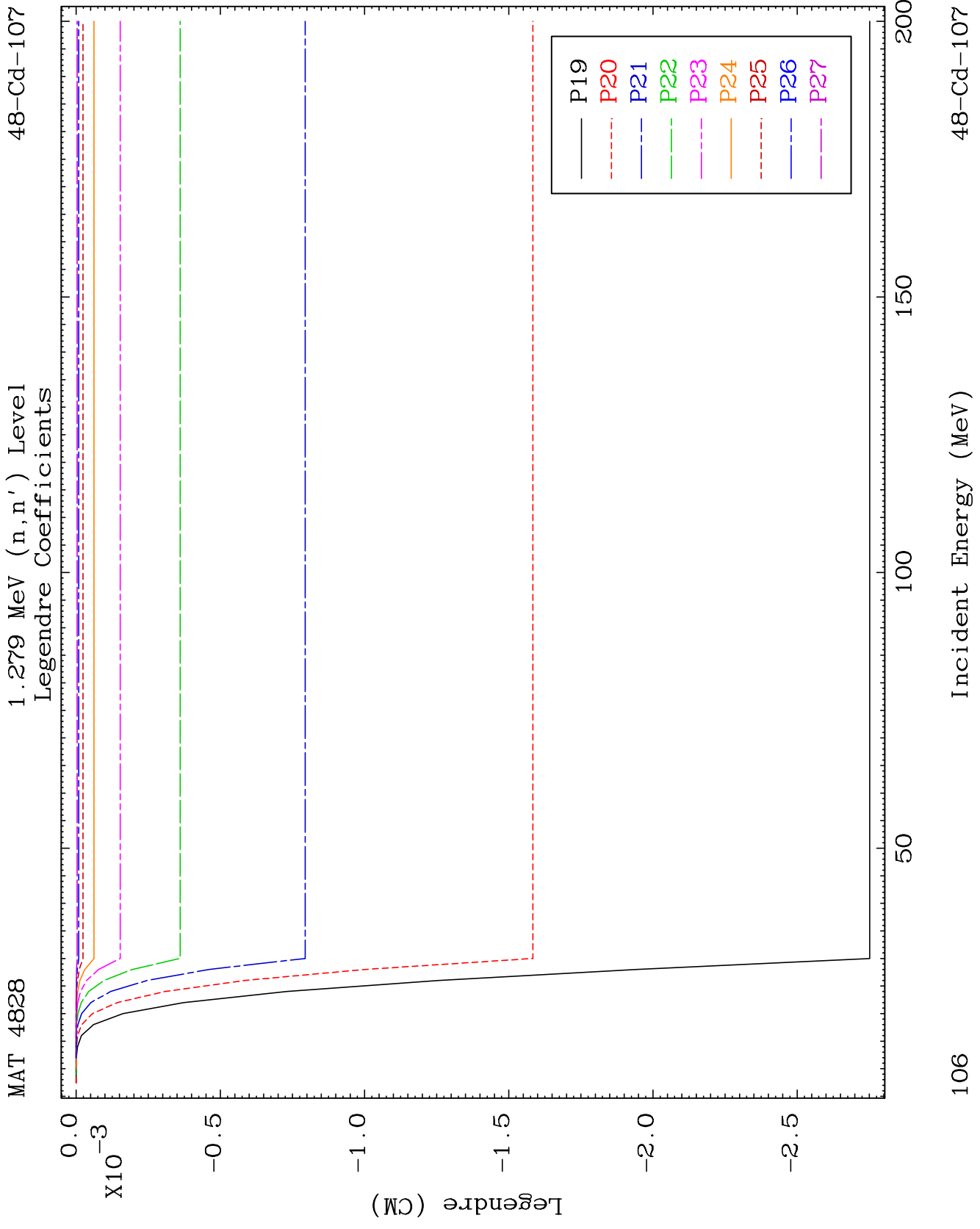


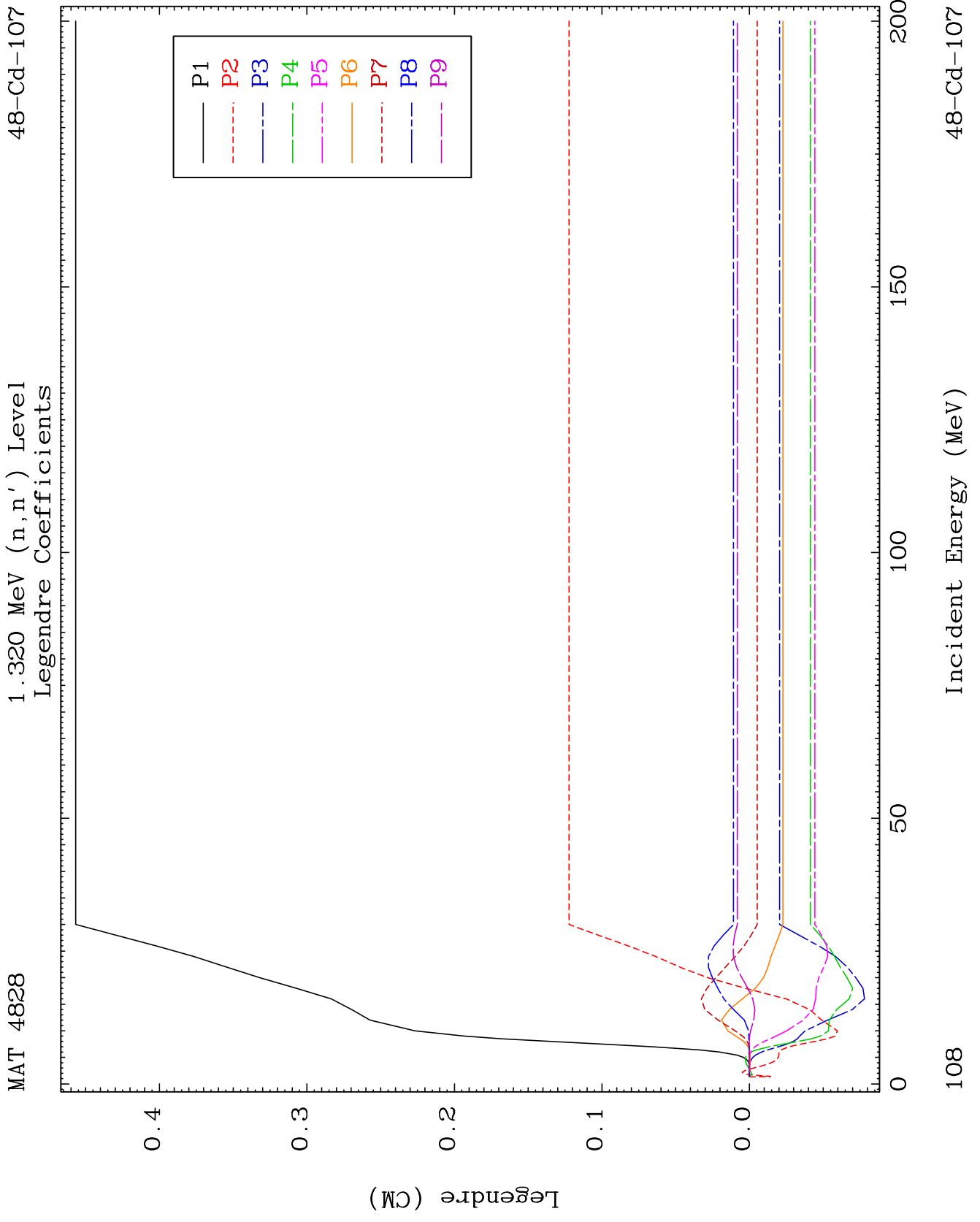


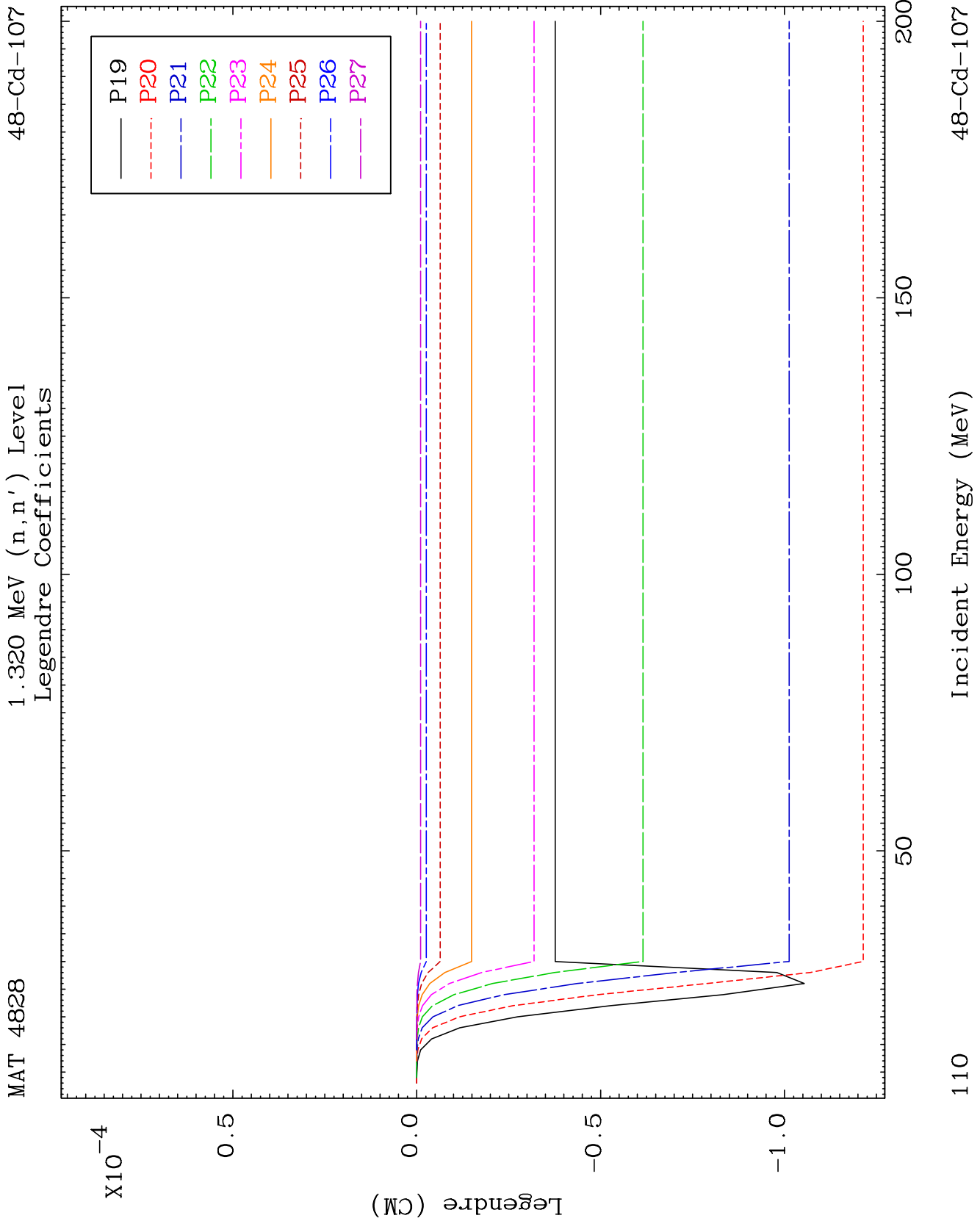


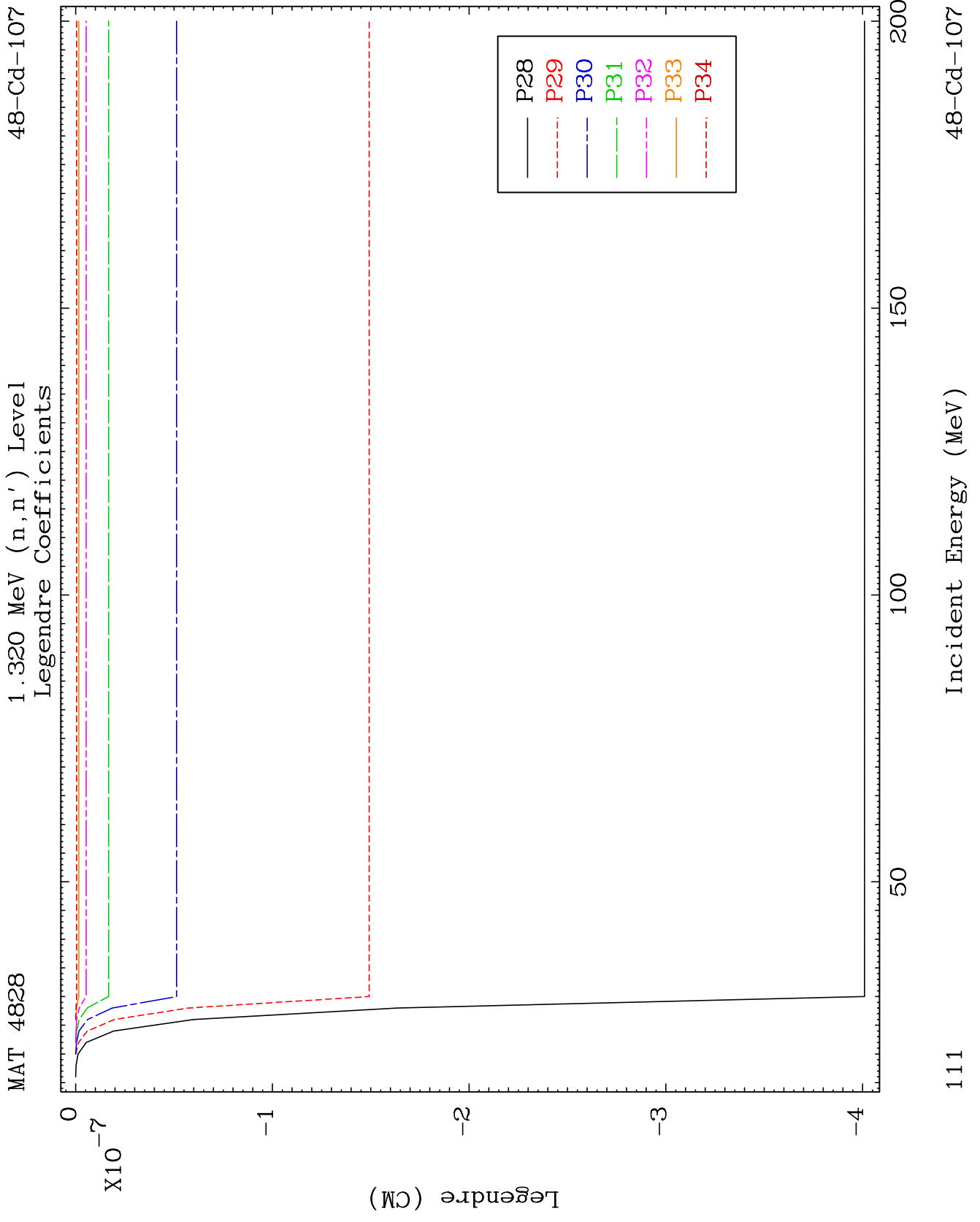


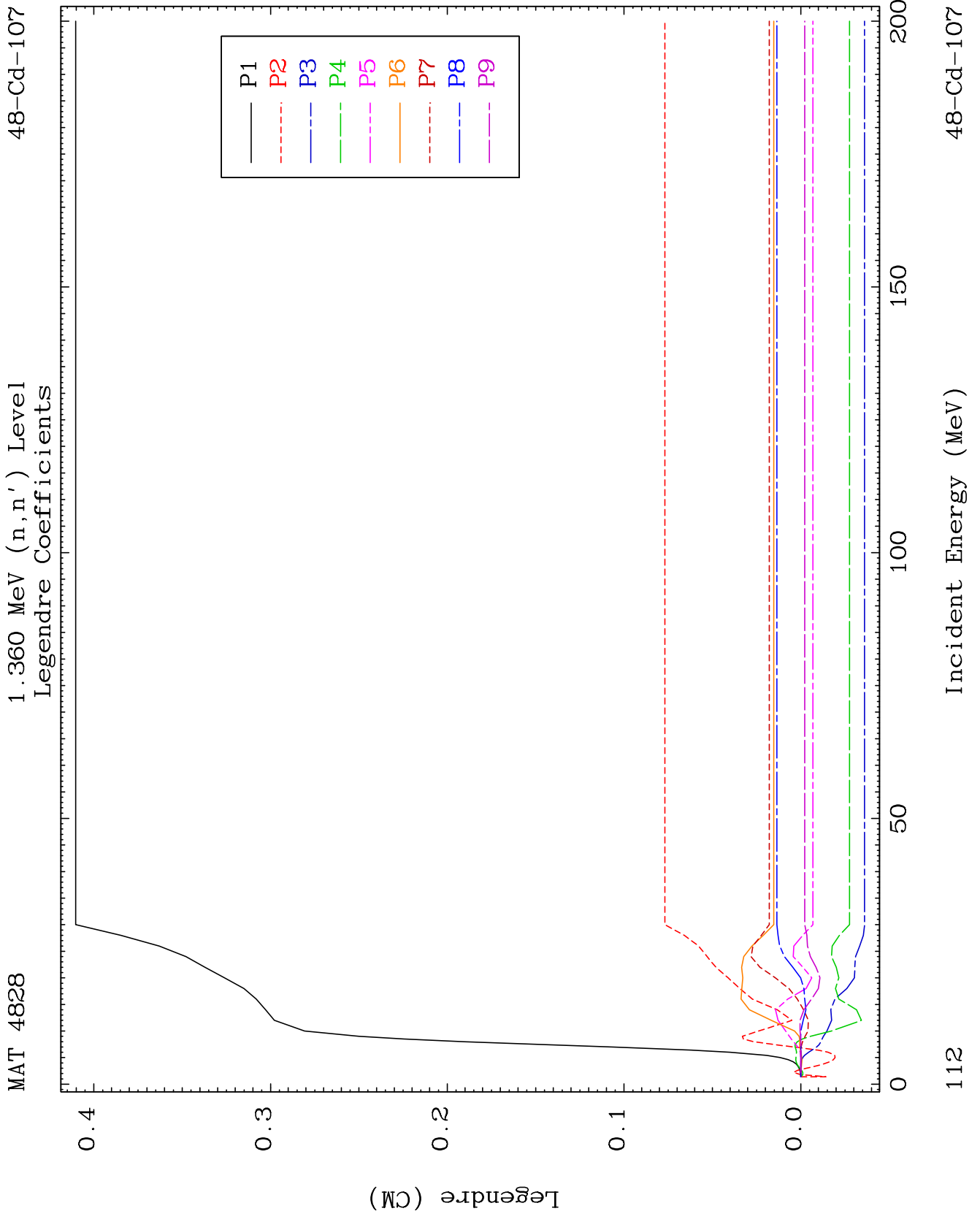








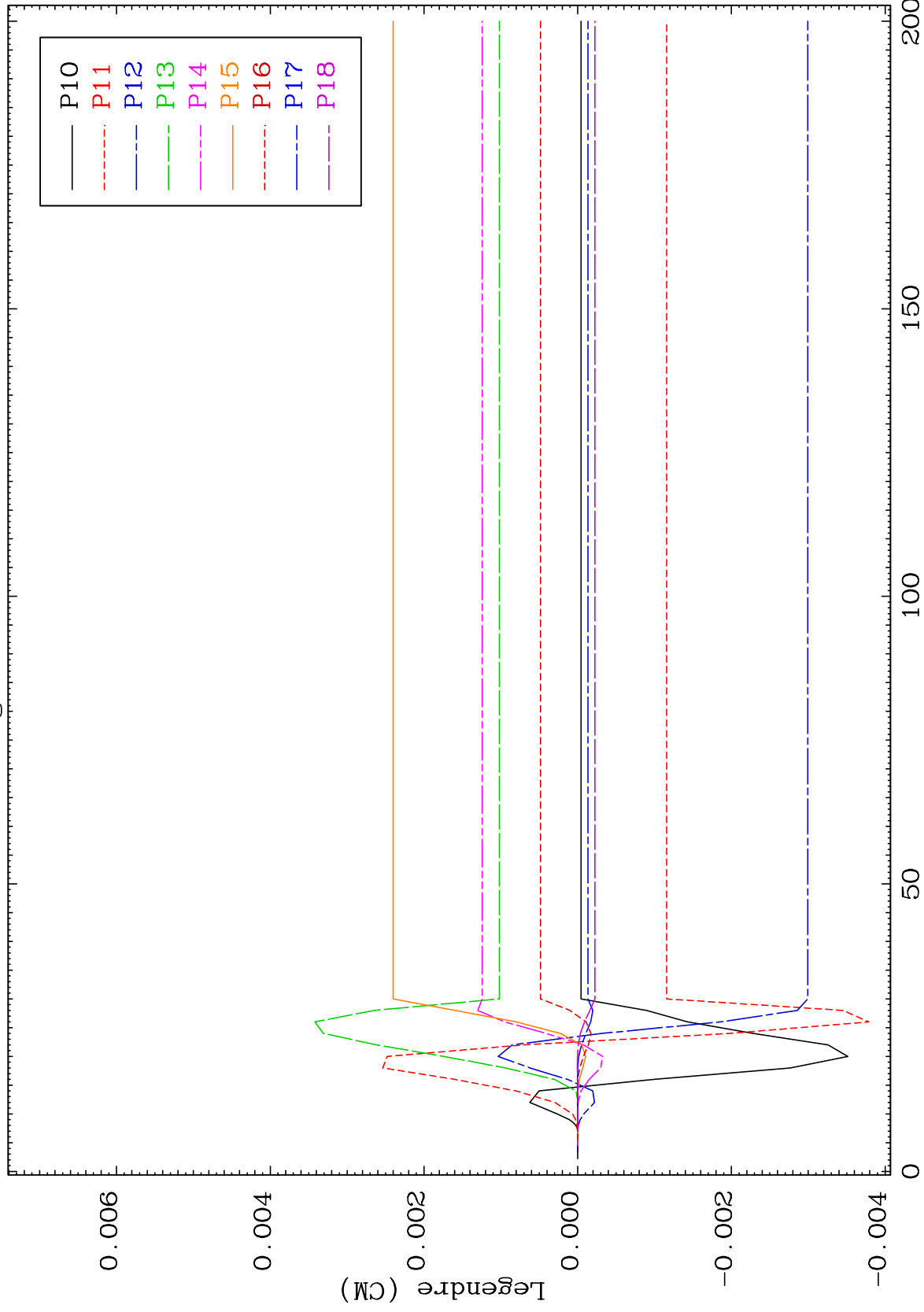




MAT 4828

1.360 MeV (n,n') Level
Legendre Coefficients

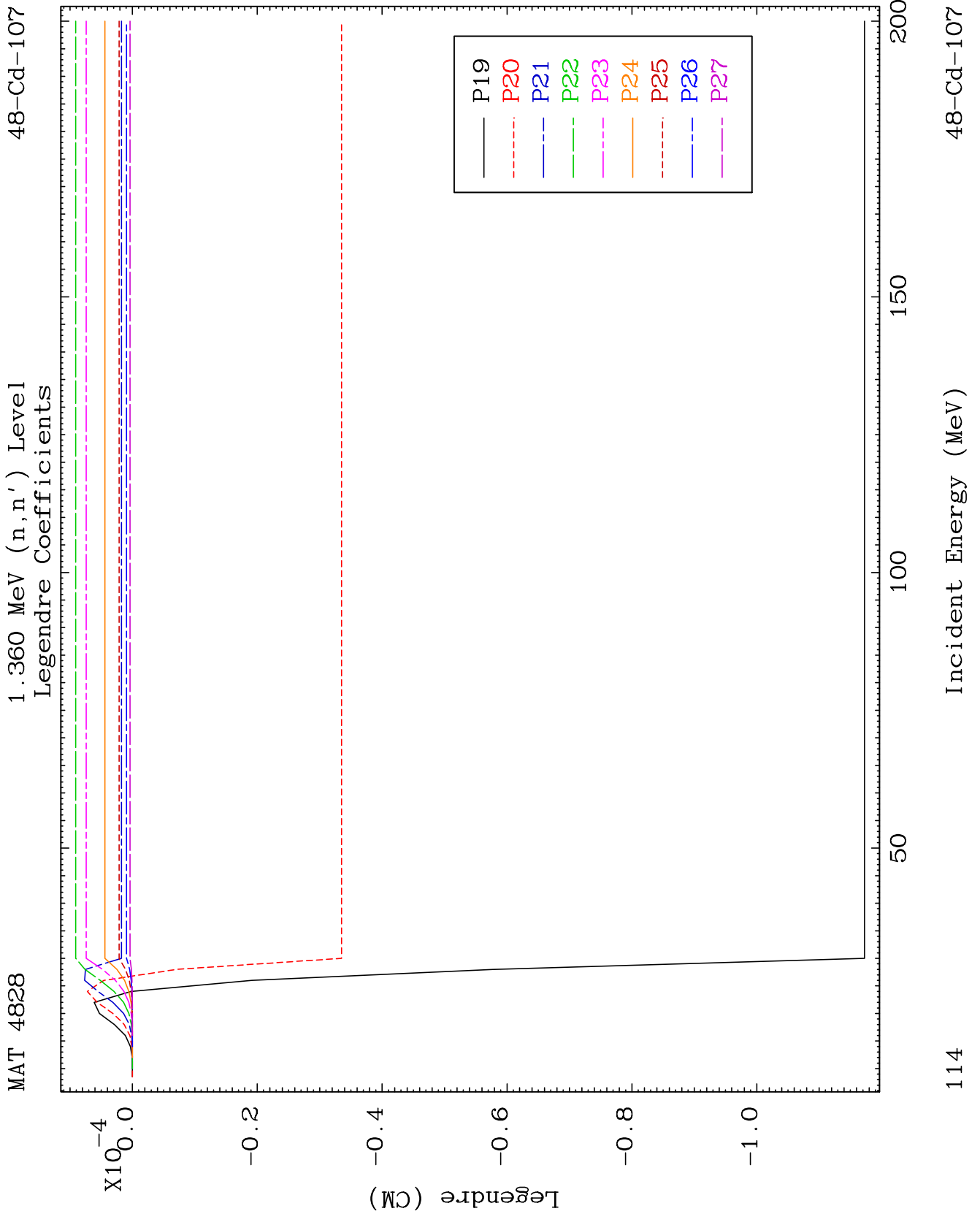
48-Cd-107

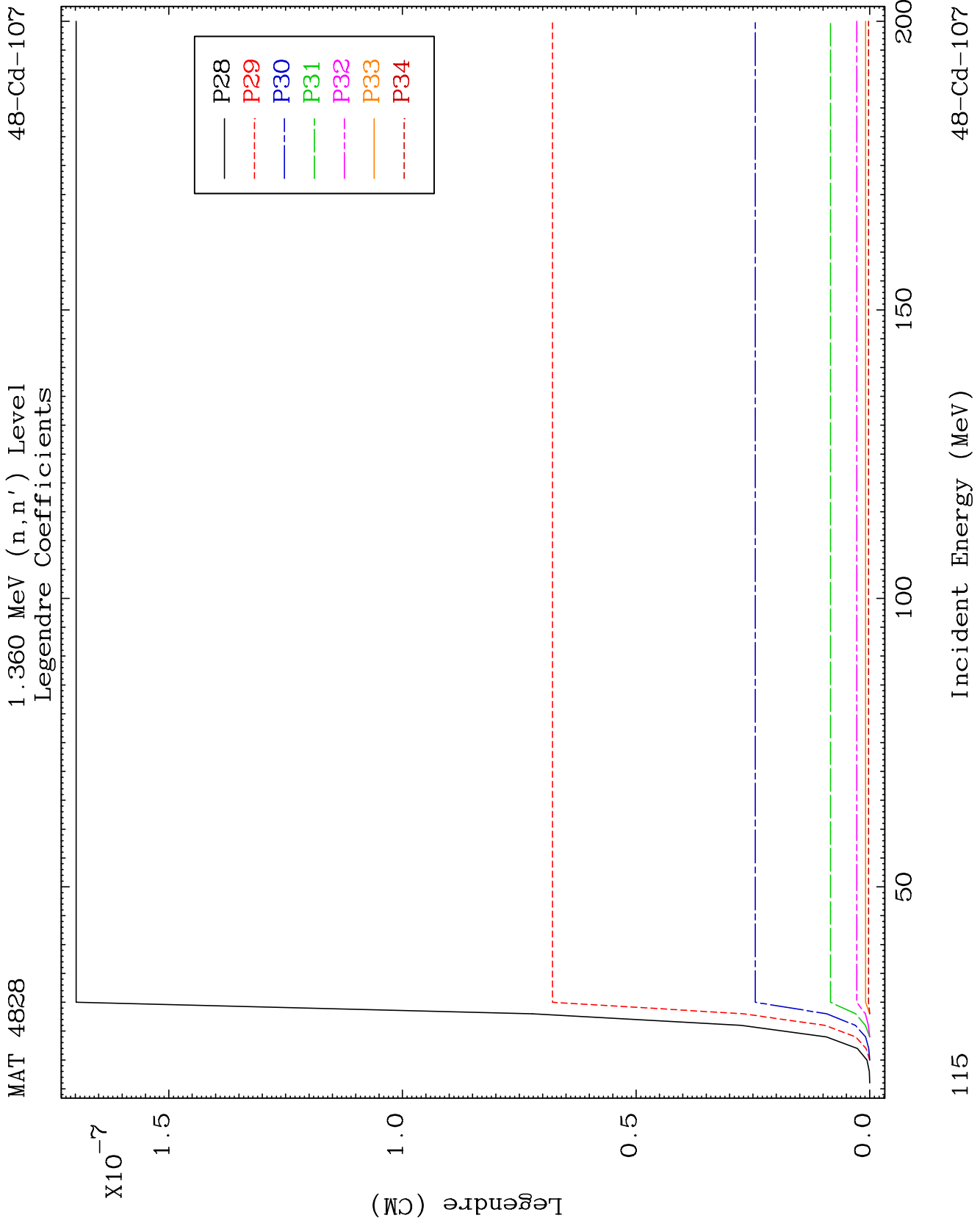


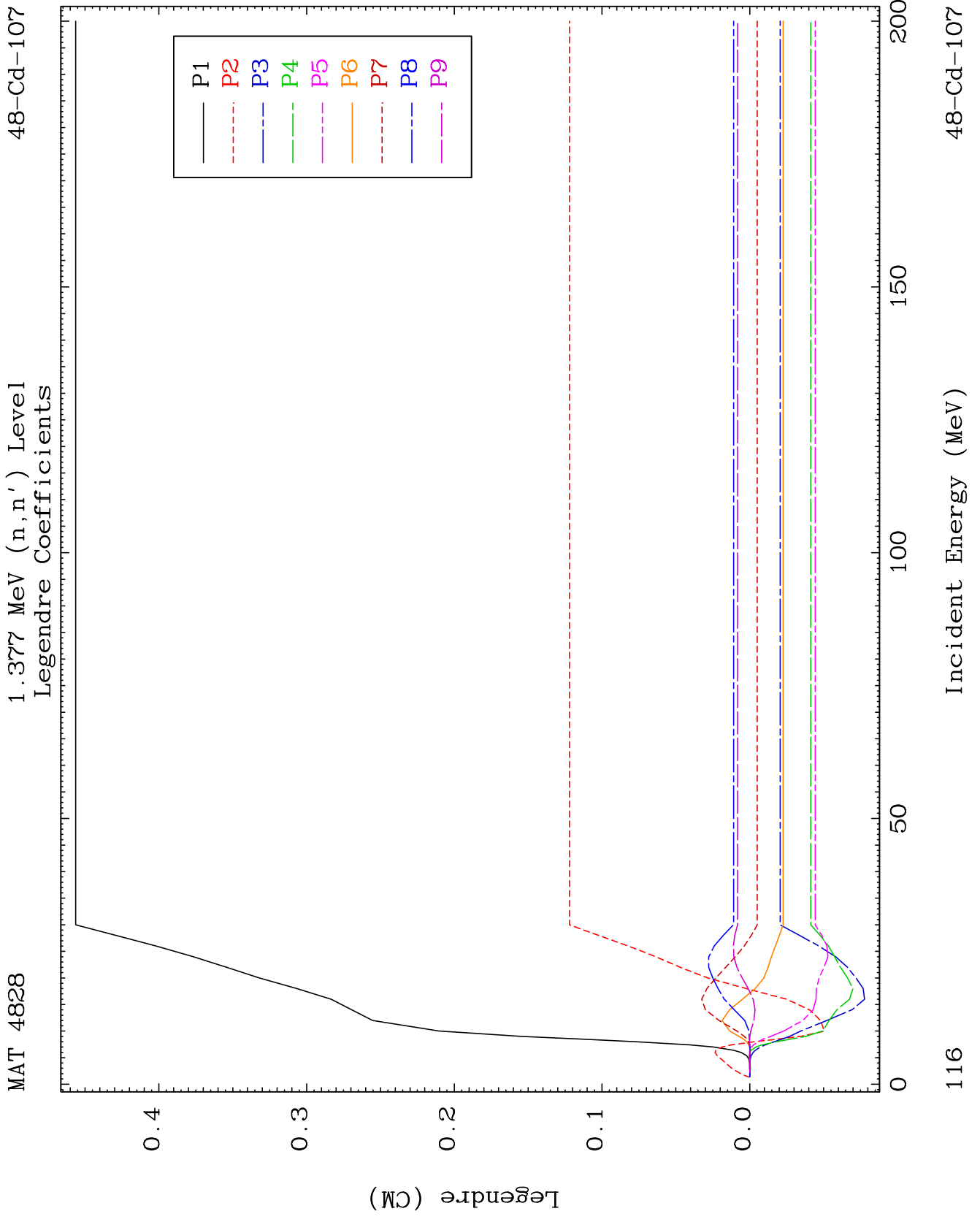
113

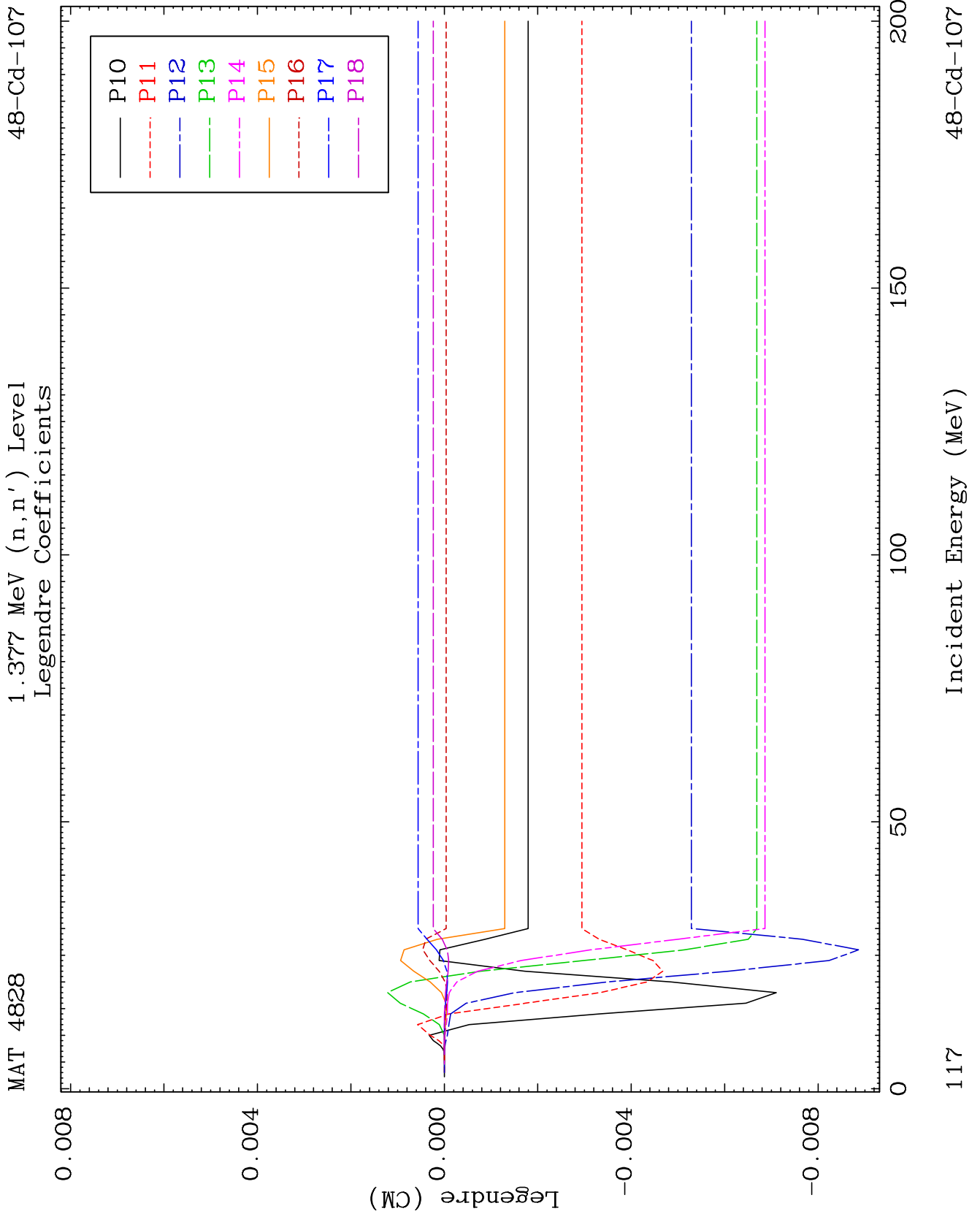
Incident Energy (MeV)

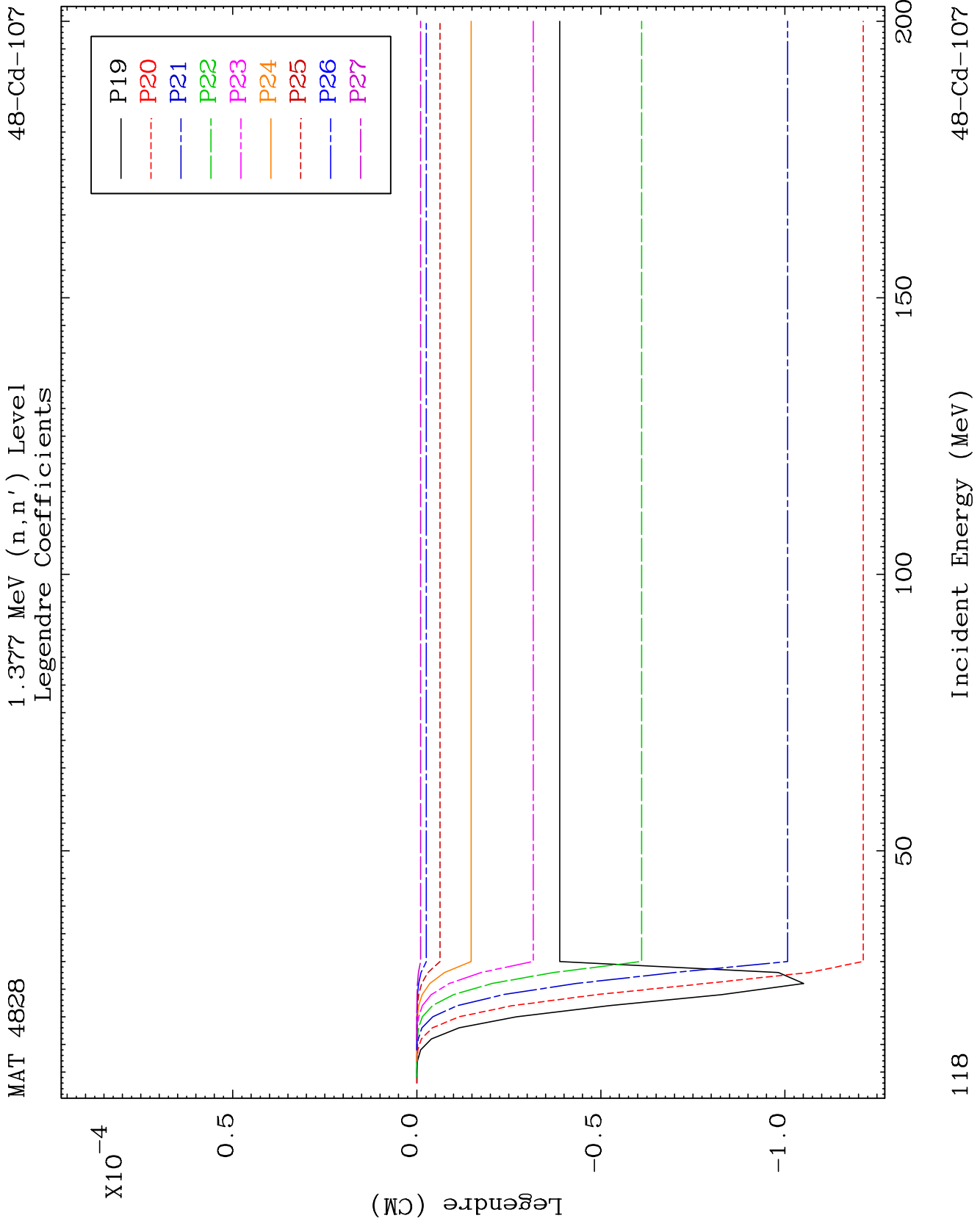
48-Cd-107

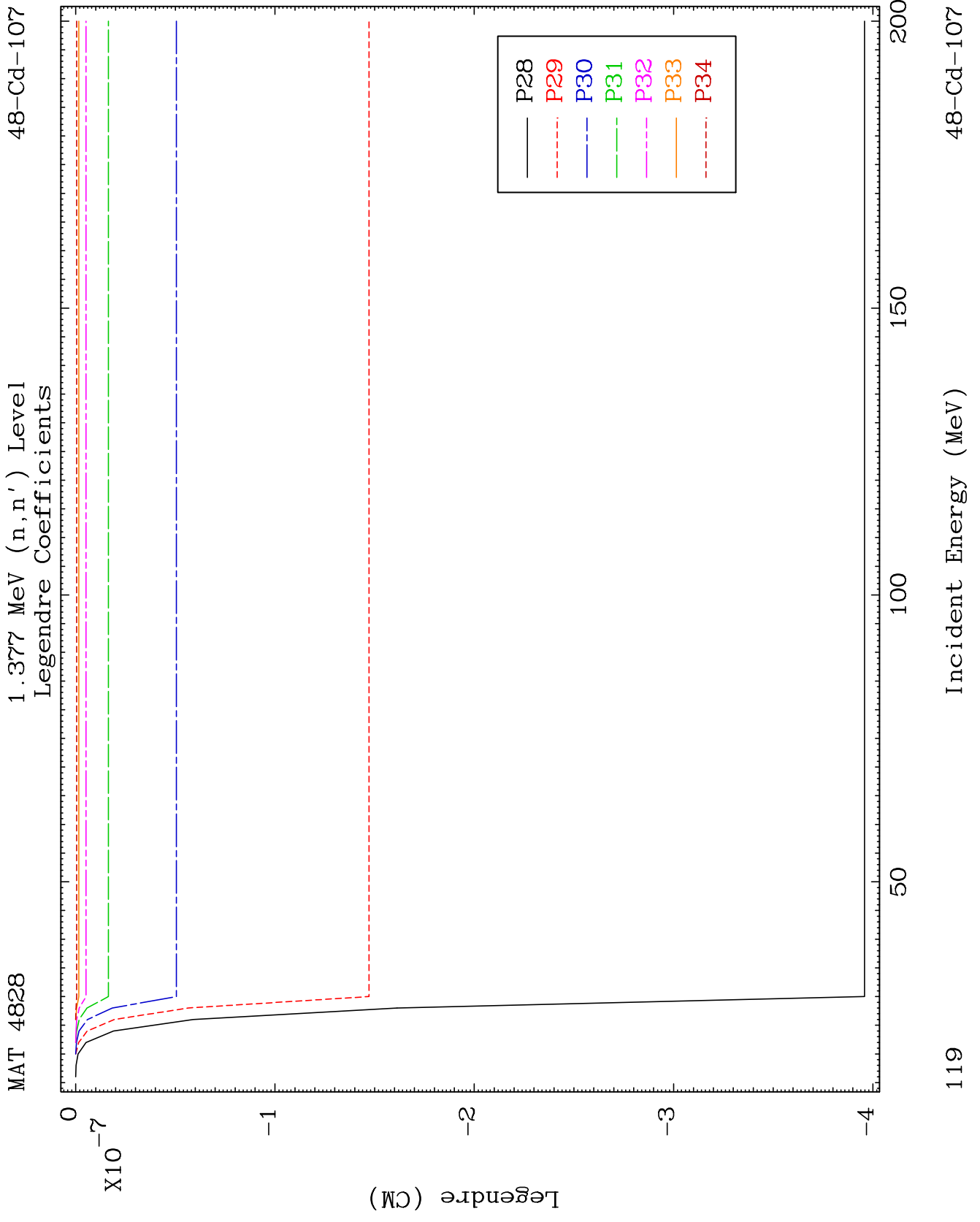








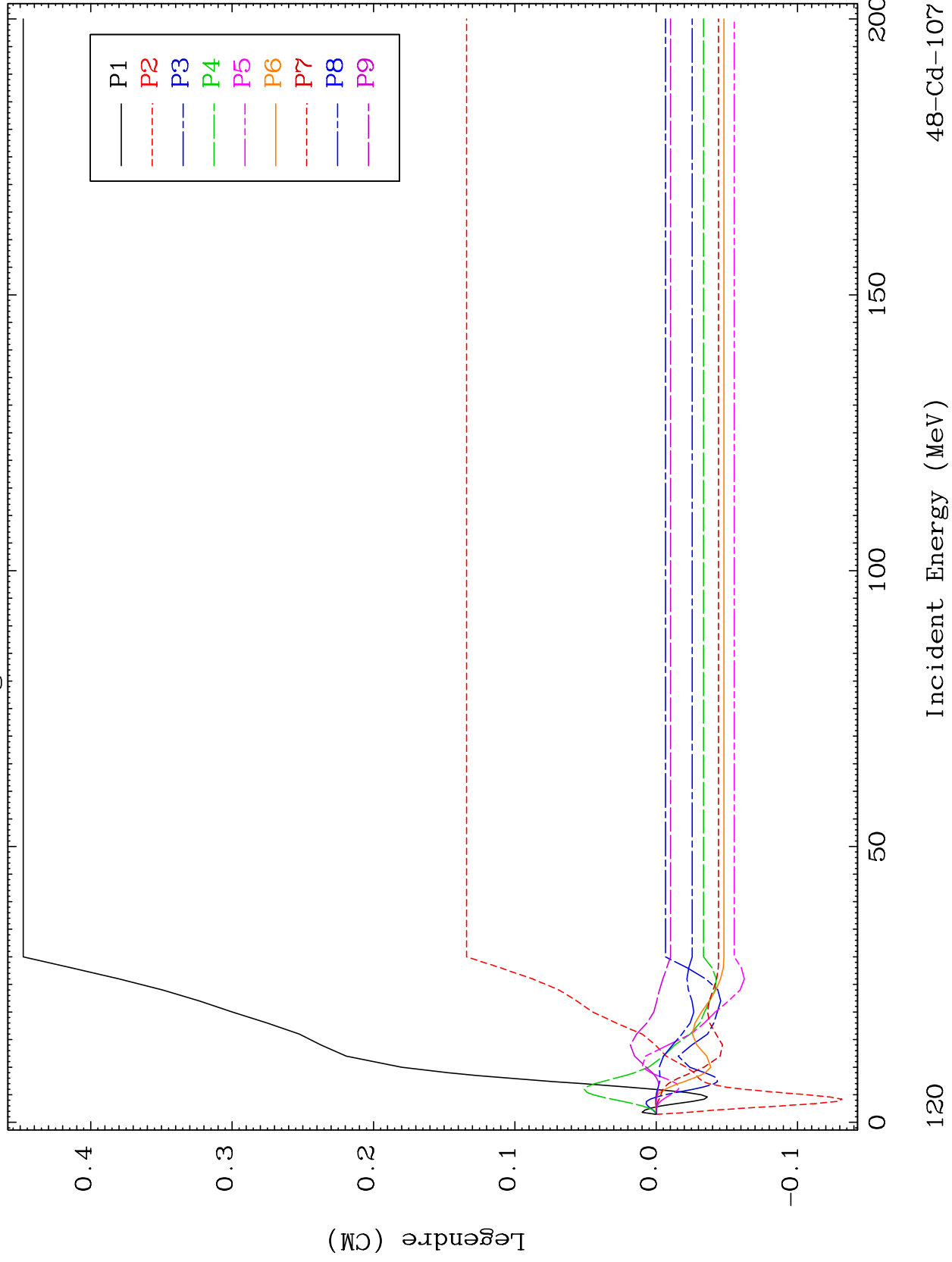




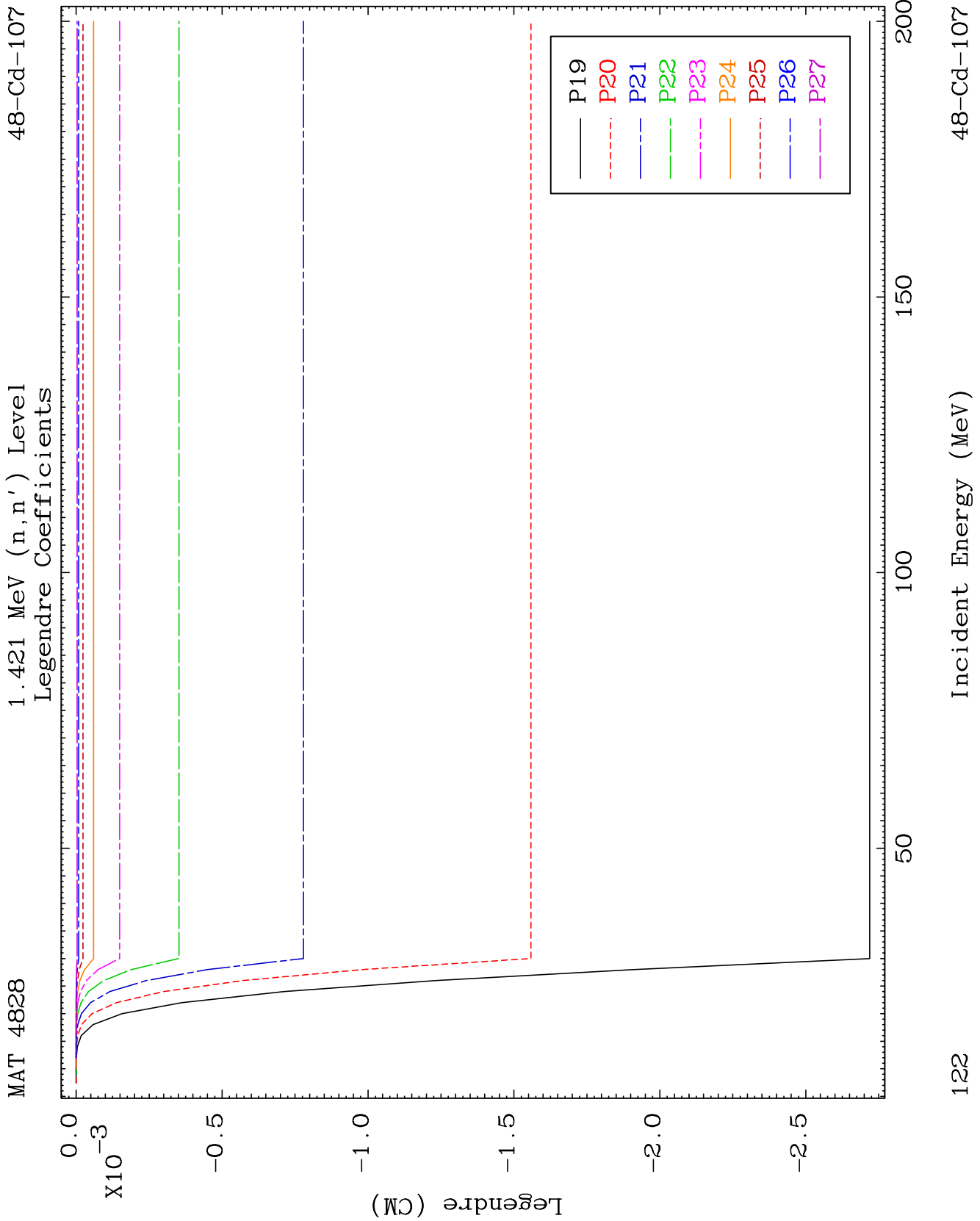
MAT 4828

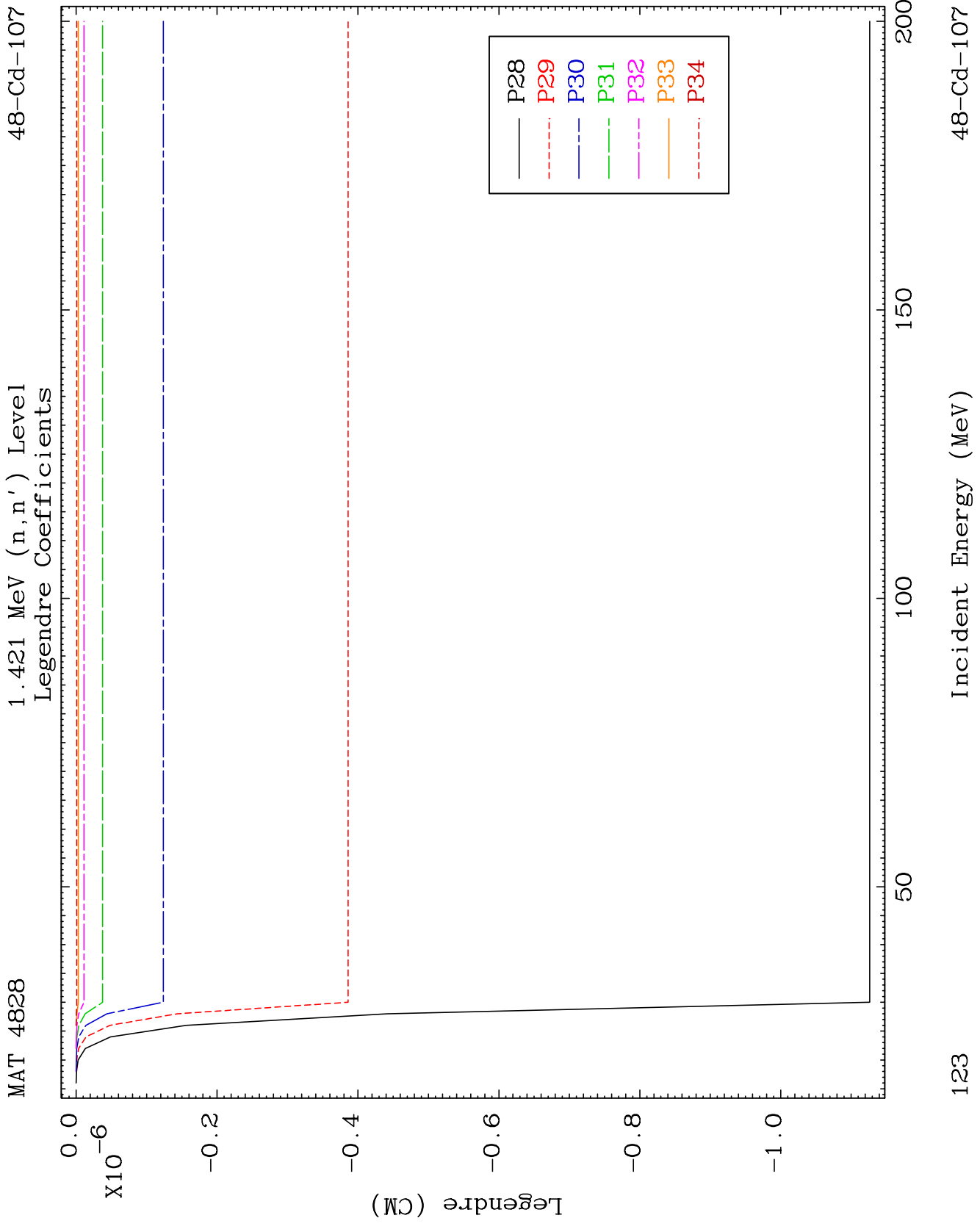
1.421 MeV (n,n') Level
Legendre Coefficients

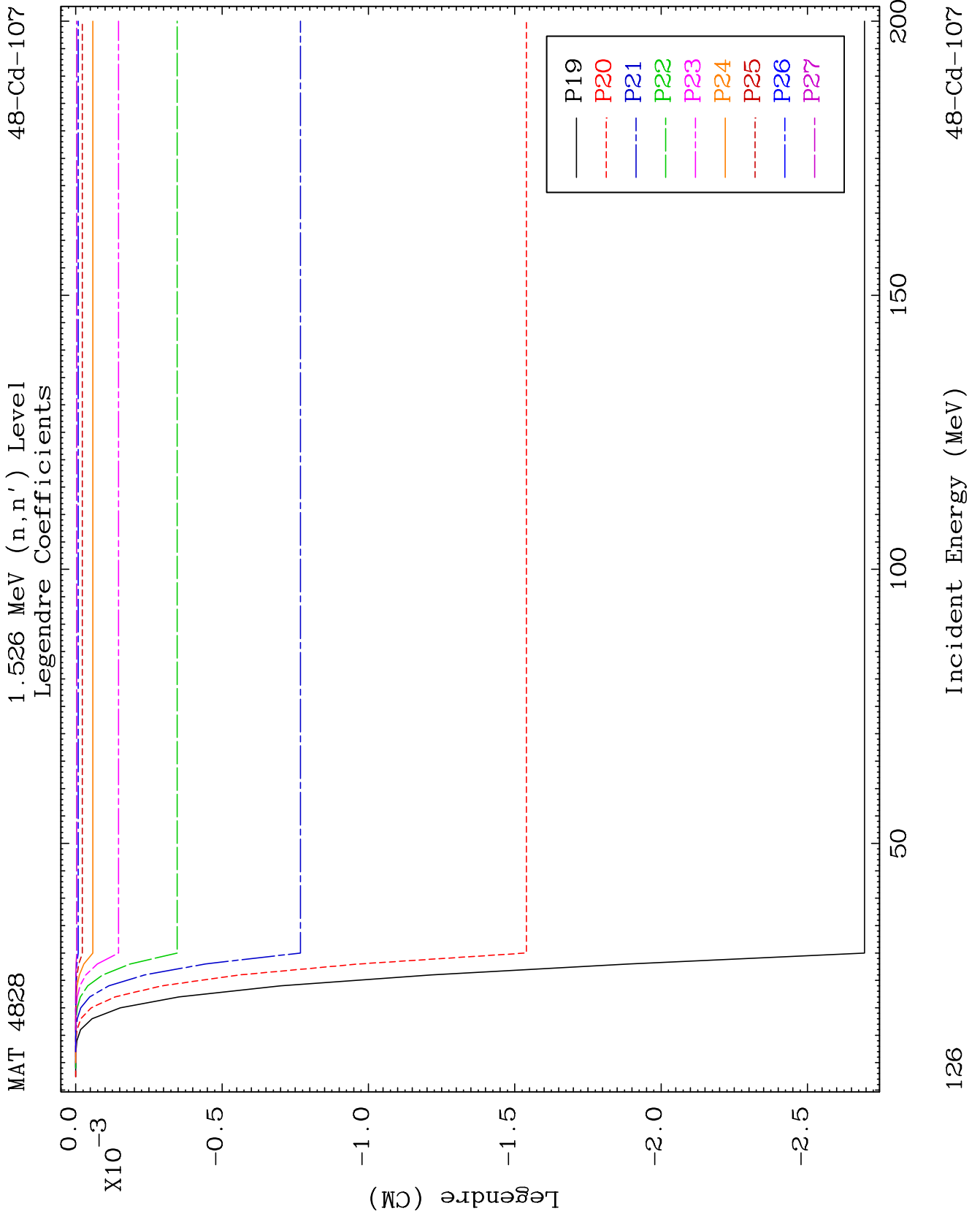
48-Cd-107

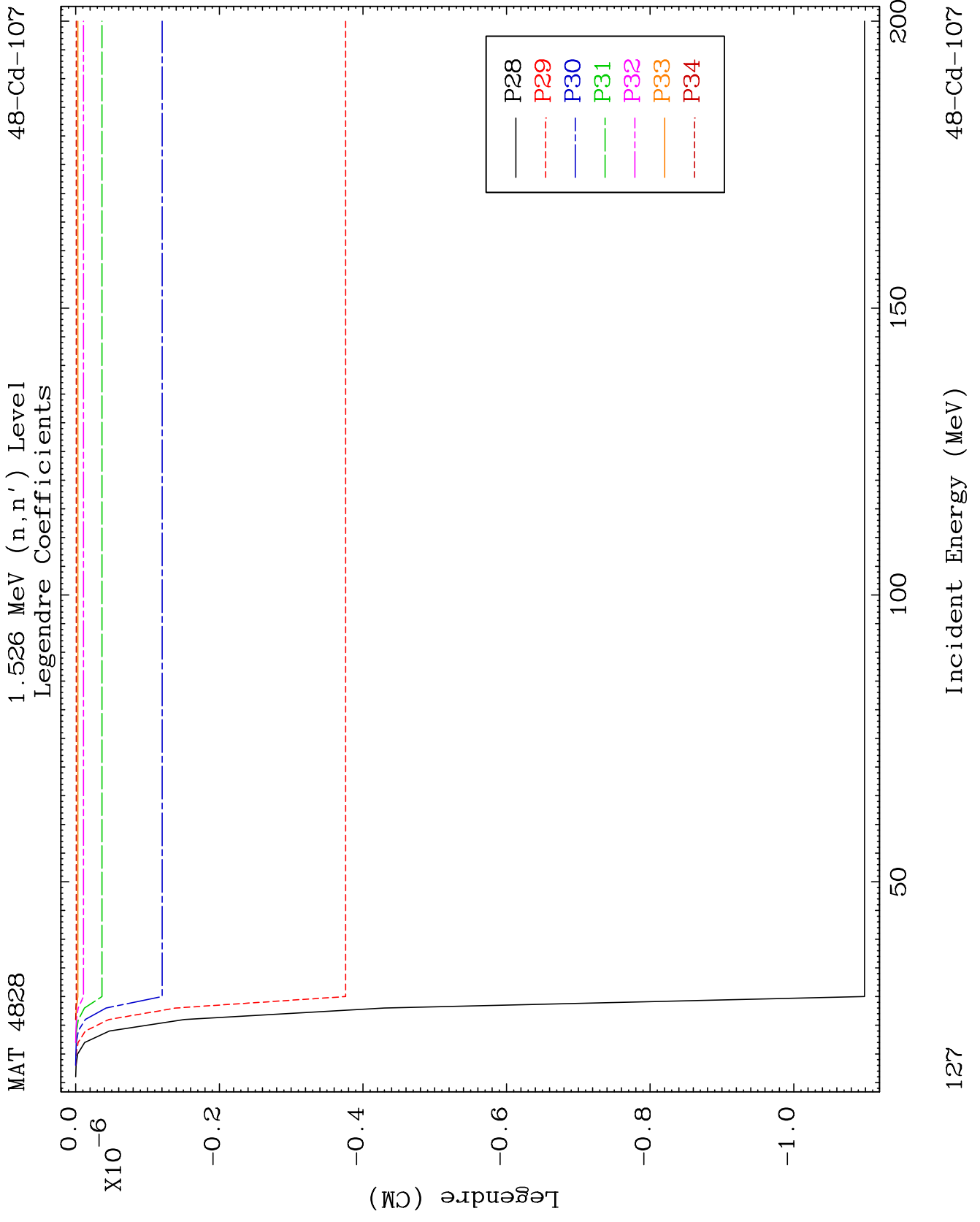


48-Cd-107





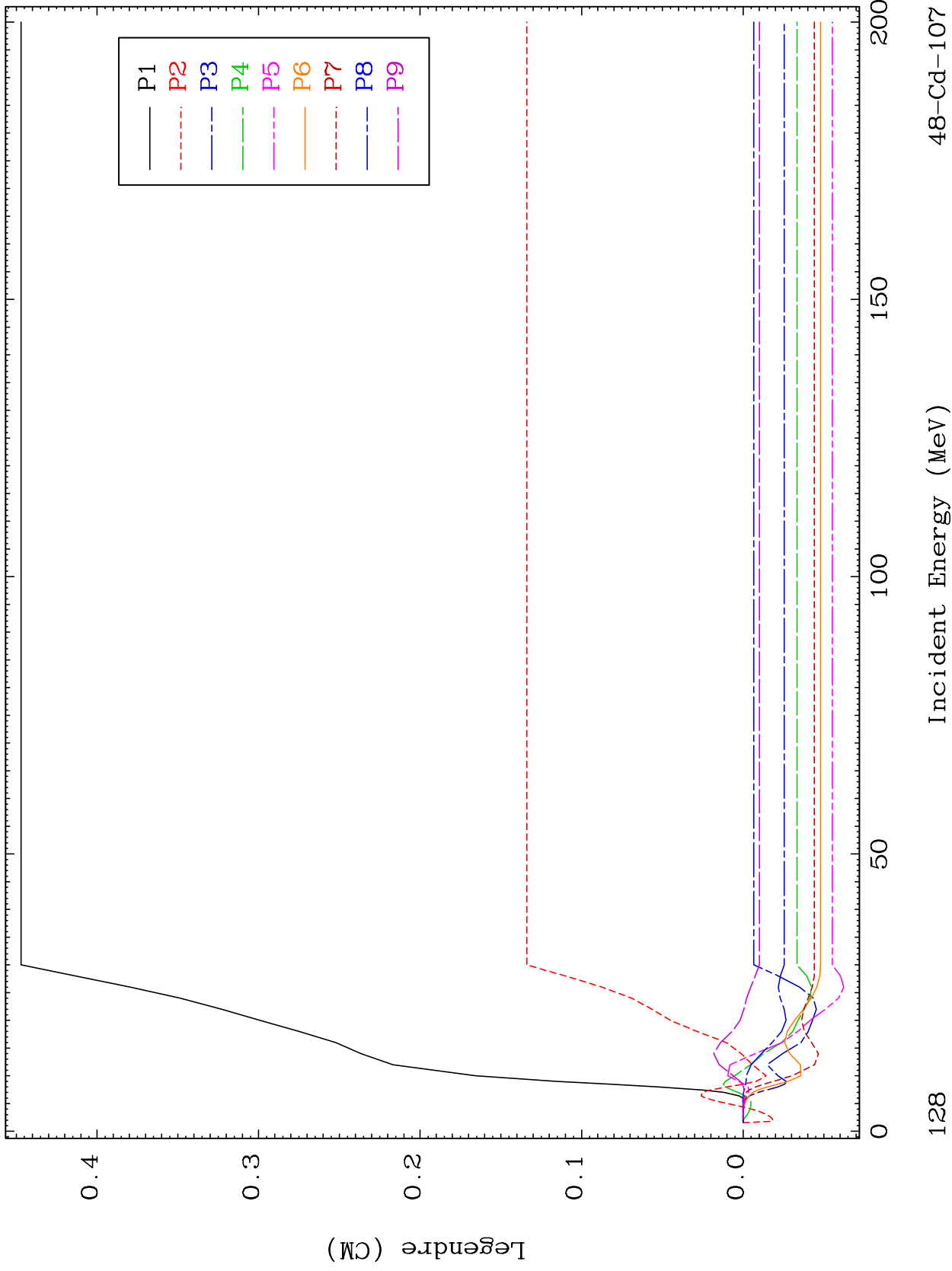




MAT 4828

1.527 MeV (n,n') Level
Legendre Coefficients

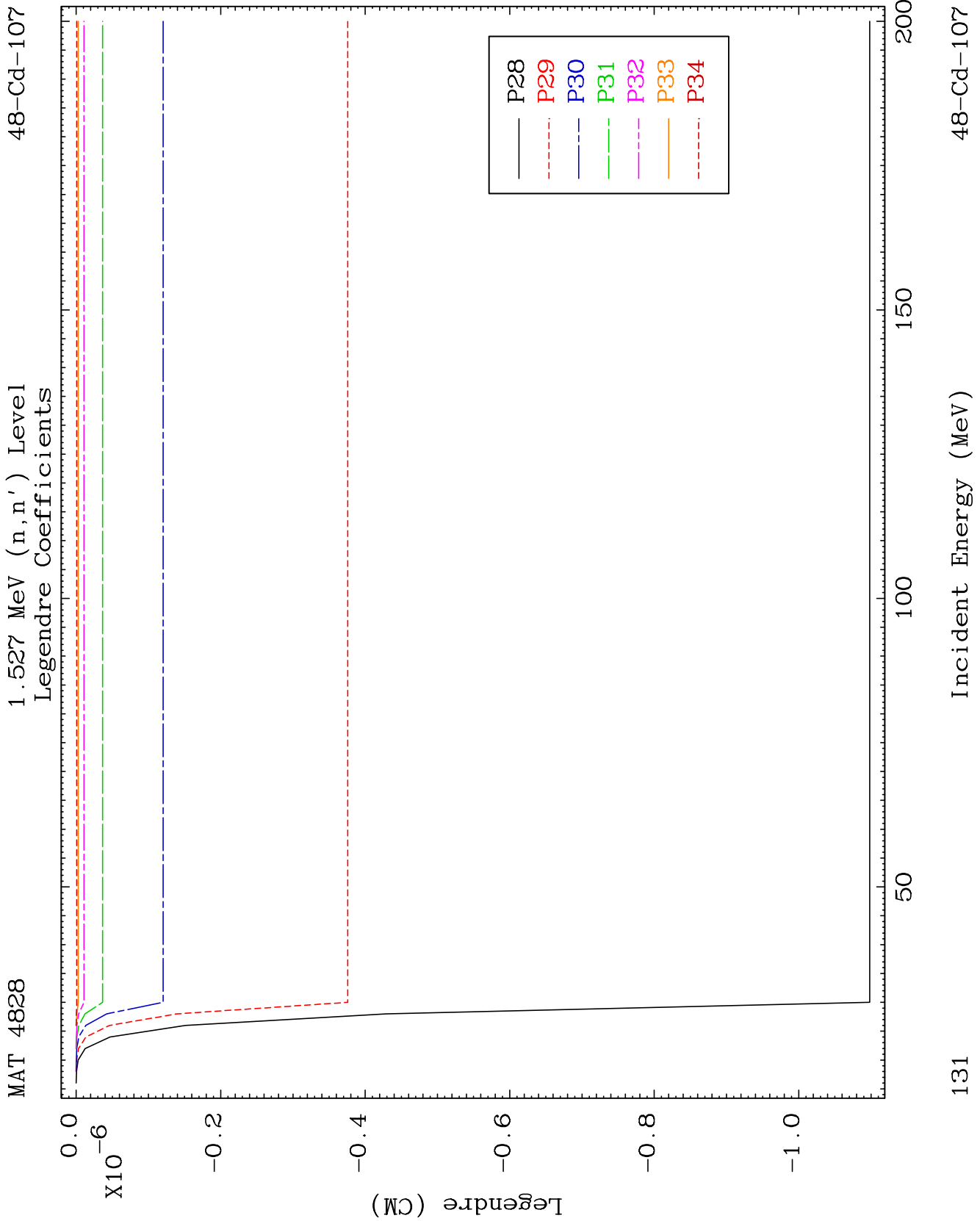
48-Cd-107



128

Incident Energy (MeV)

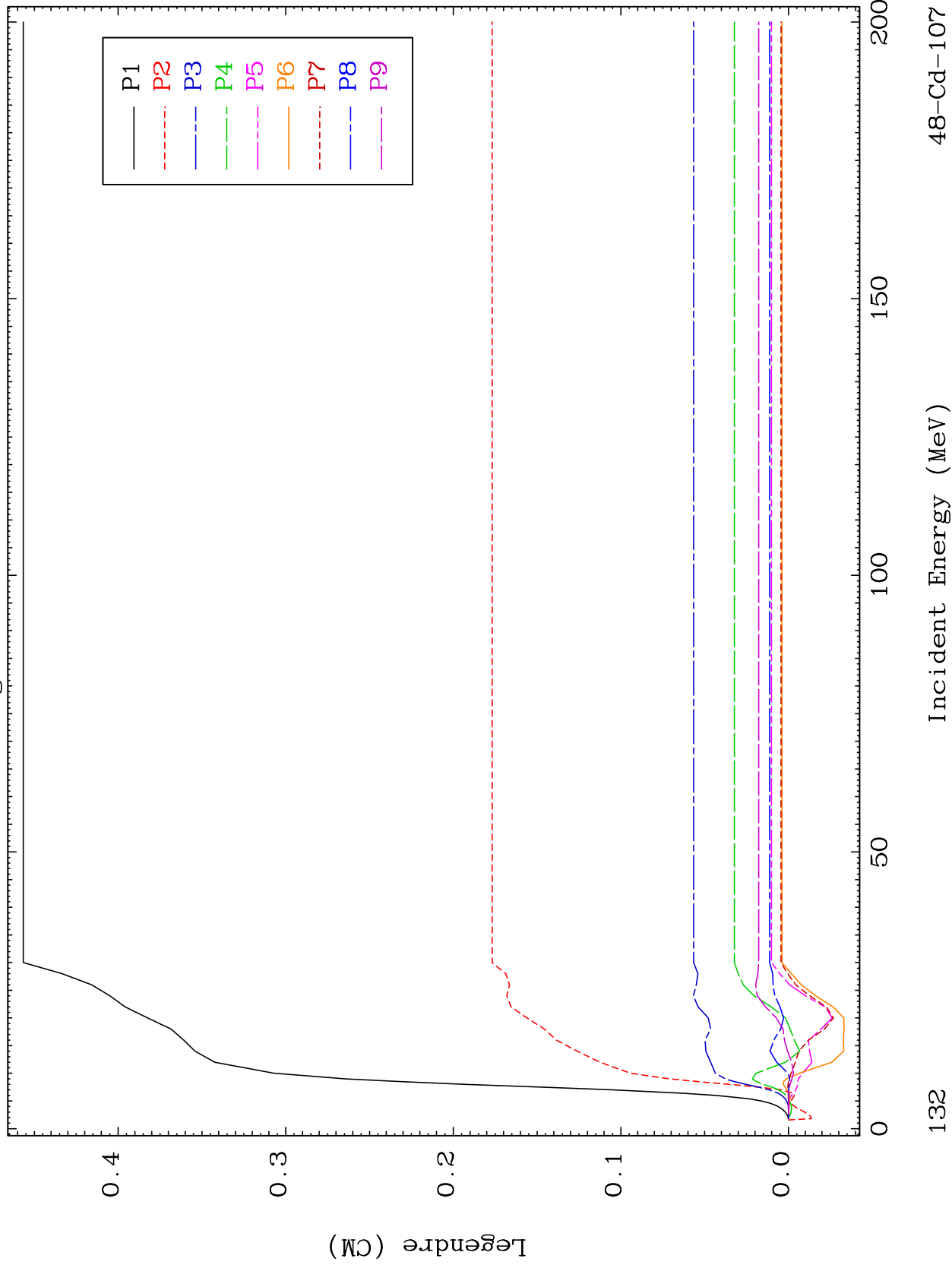
48-Cd-107



MAT 4828

1.530 MeV (n,n') Level
Legendre Coefficients

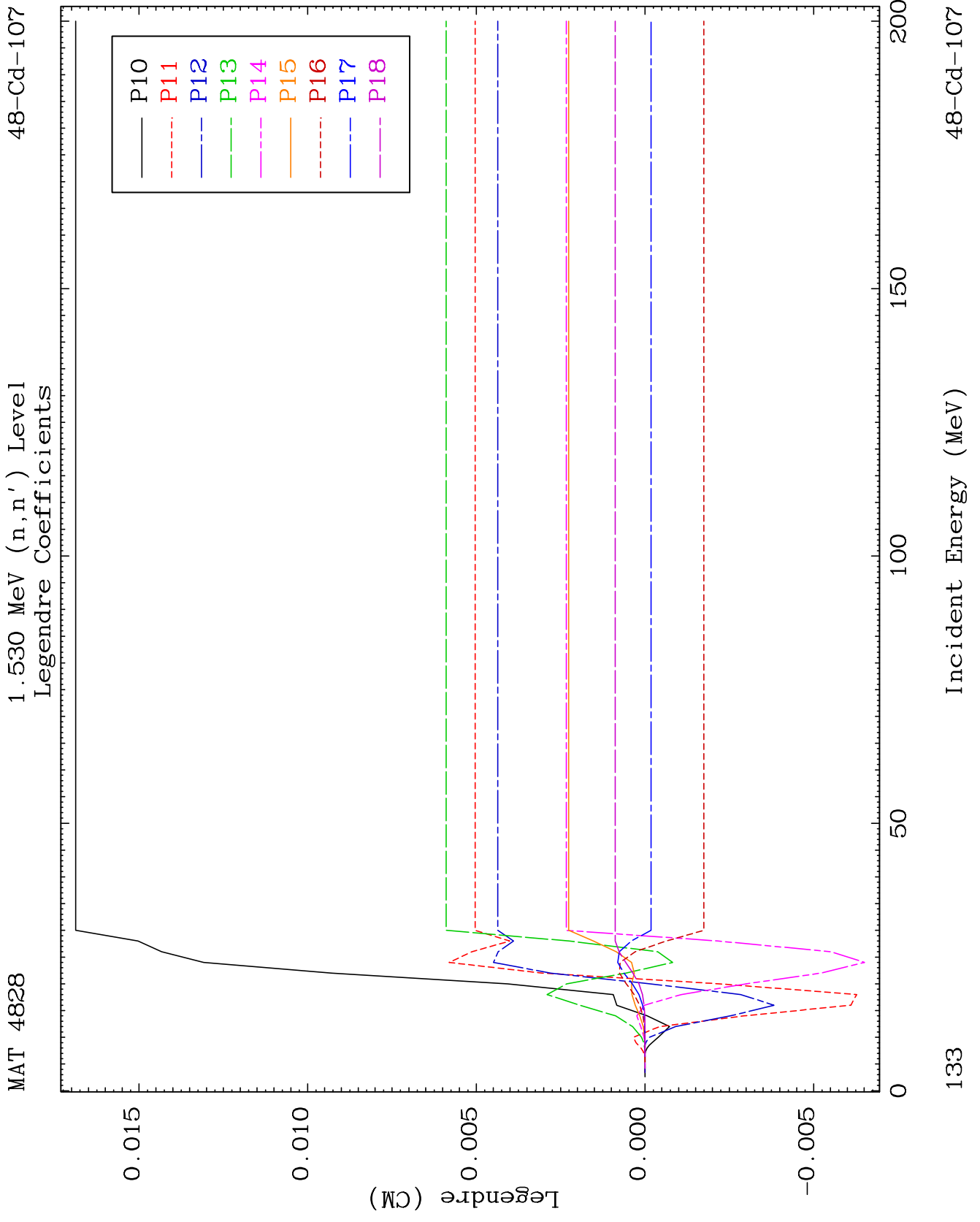
48-Cd-107



48-Cd-107

Incident Energy (MeV)

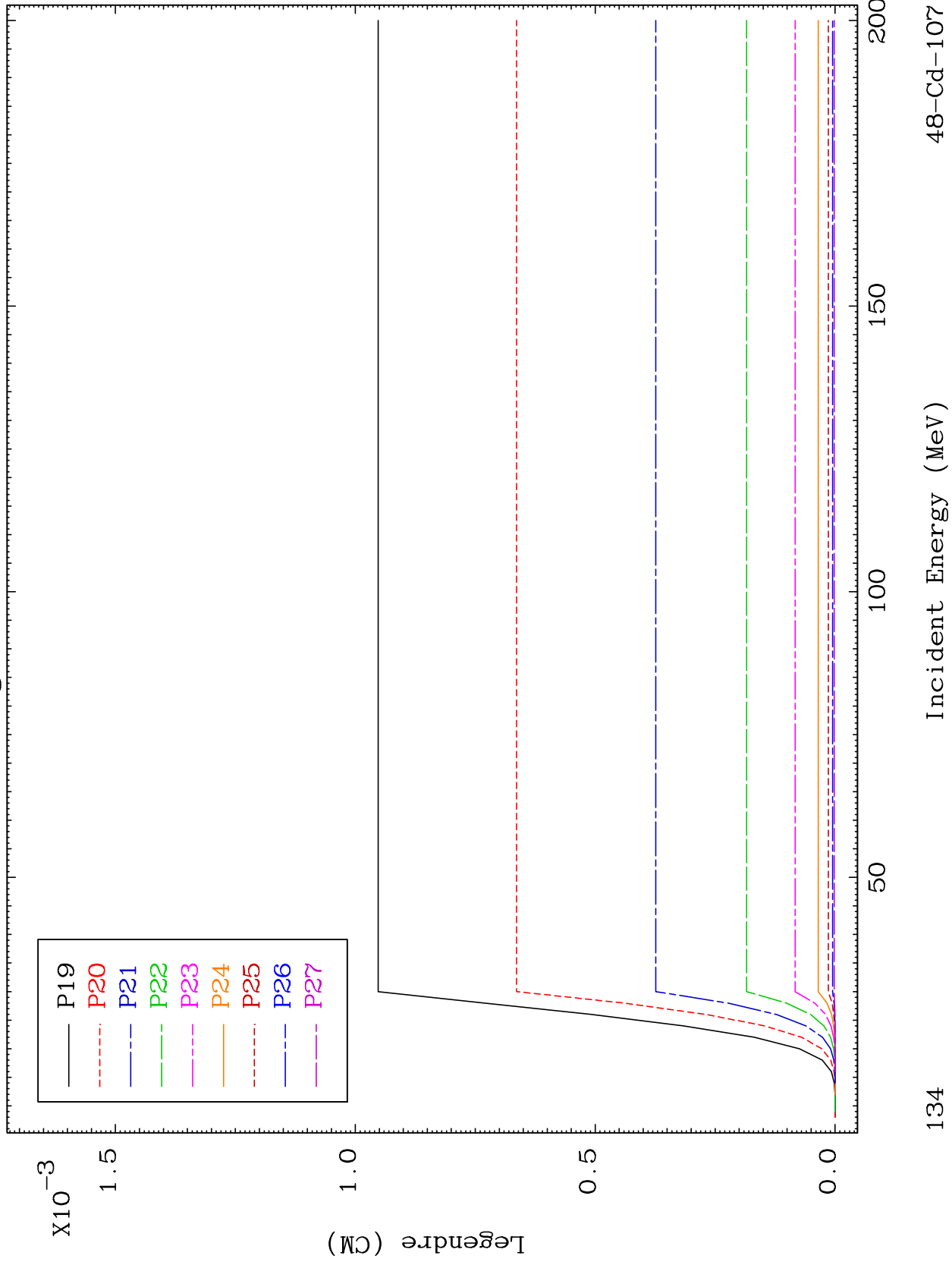
132



MAT 4828

1.530 MeV (n,n') Level
Legendre Coefficients

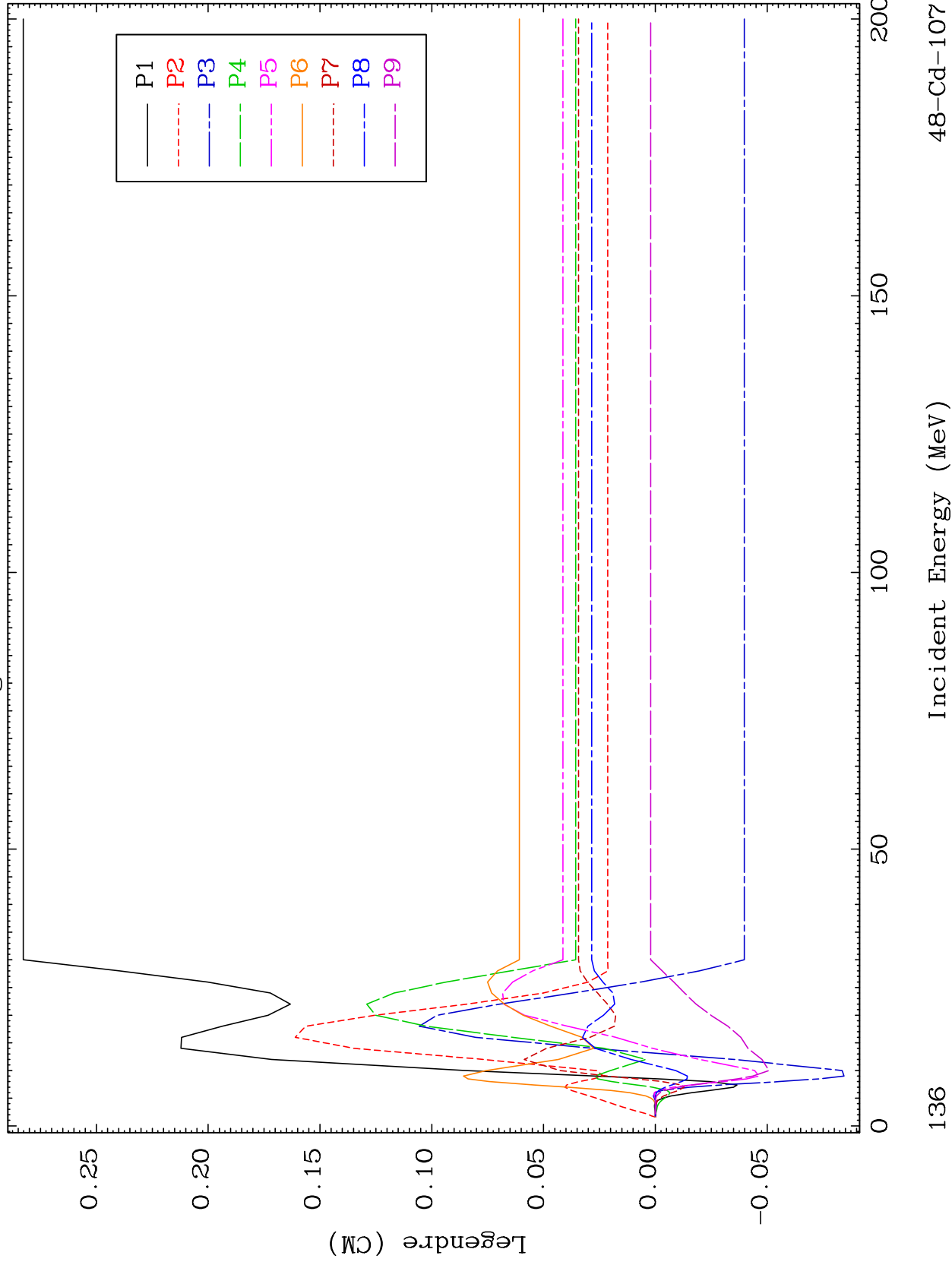
48-Cd-107

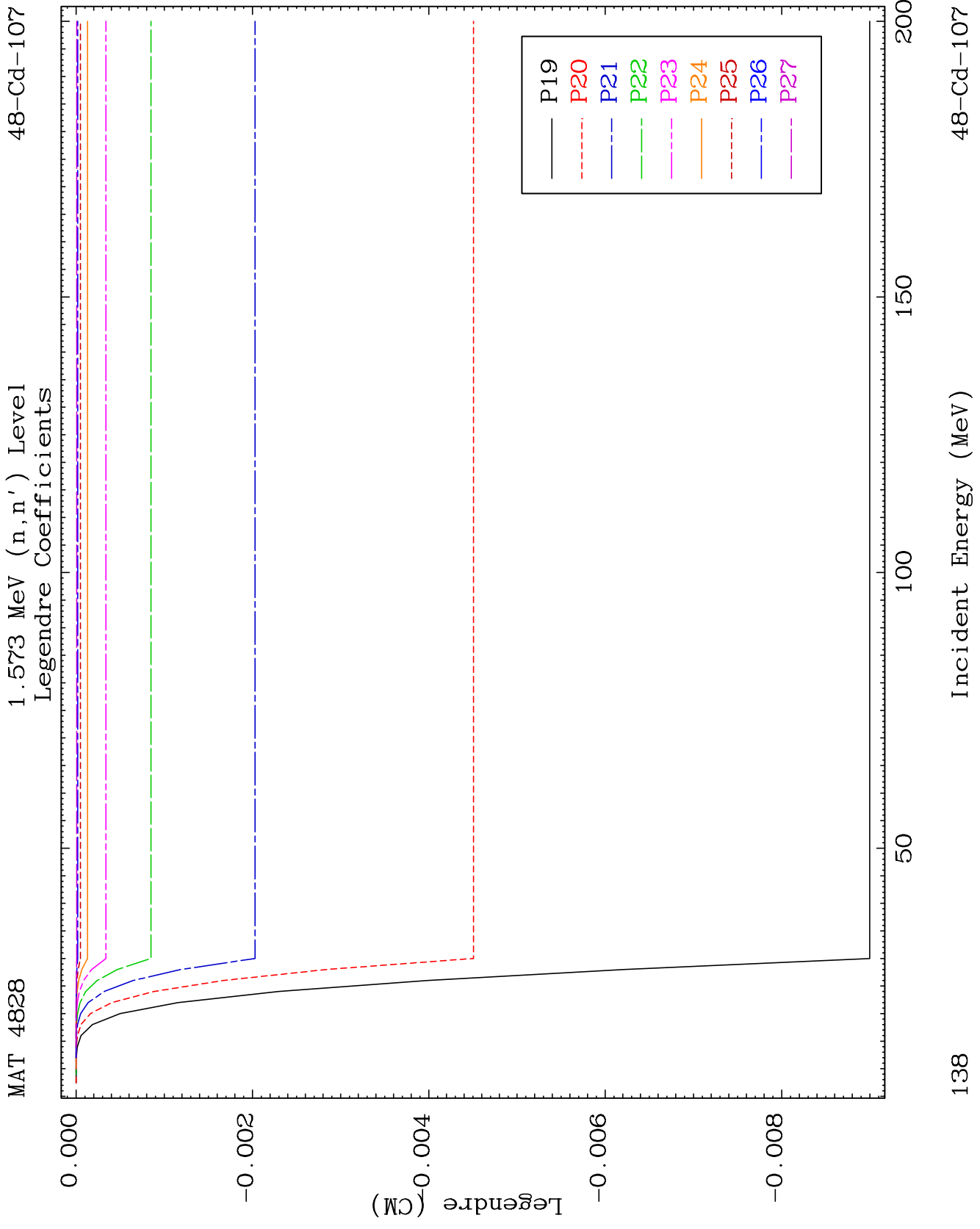


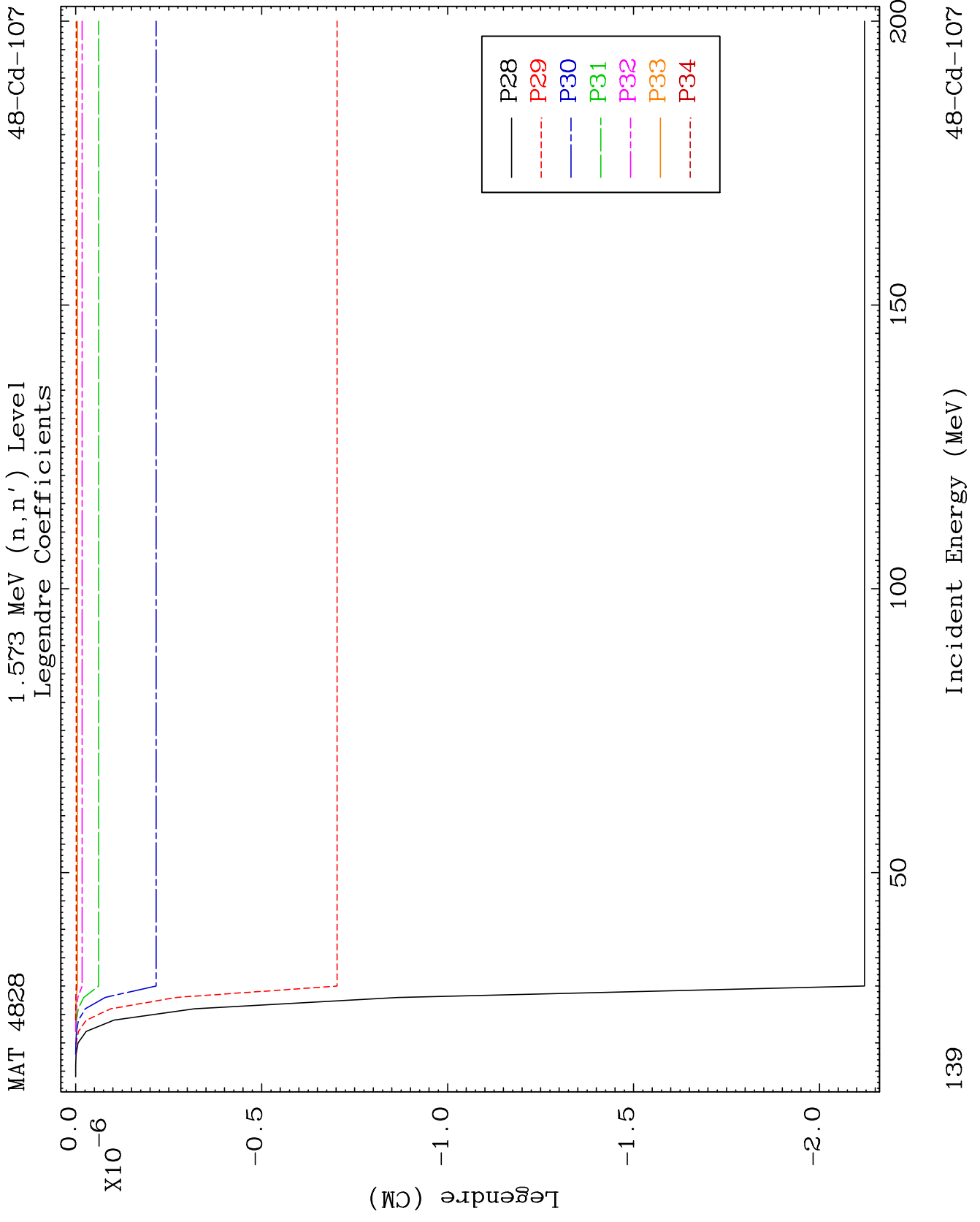
MAT 4828

1.573 MeV (n,n') Level
Legendre Coefficients

48-Cd-107





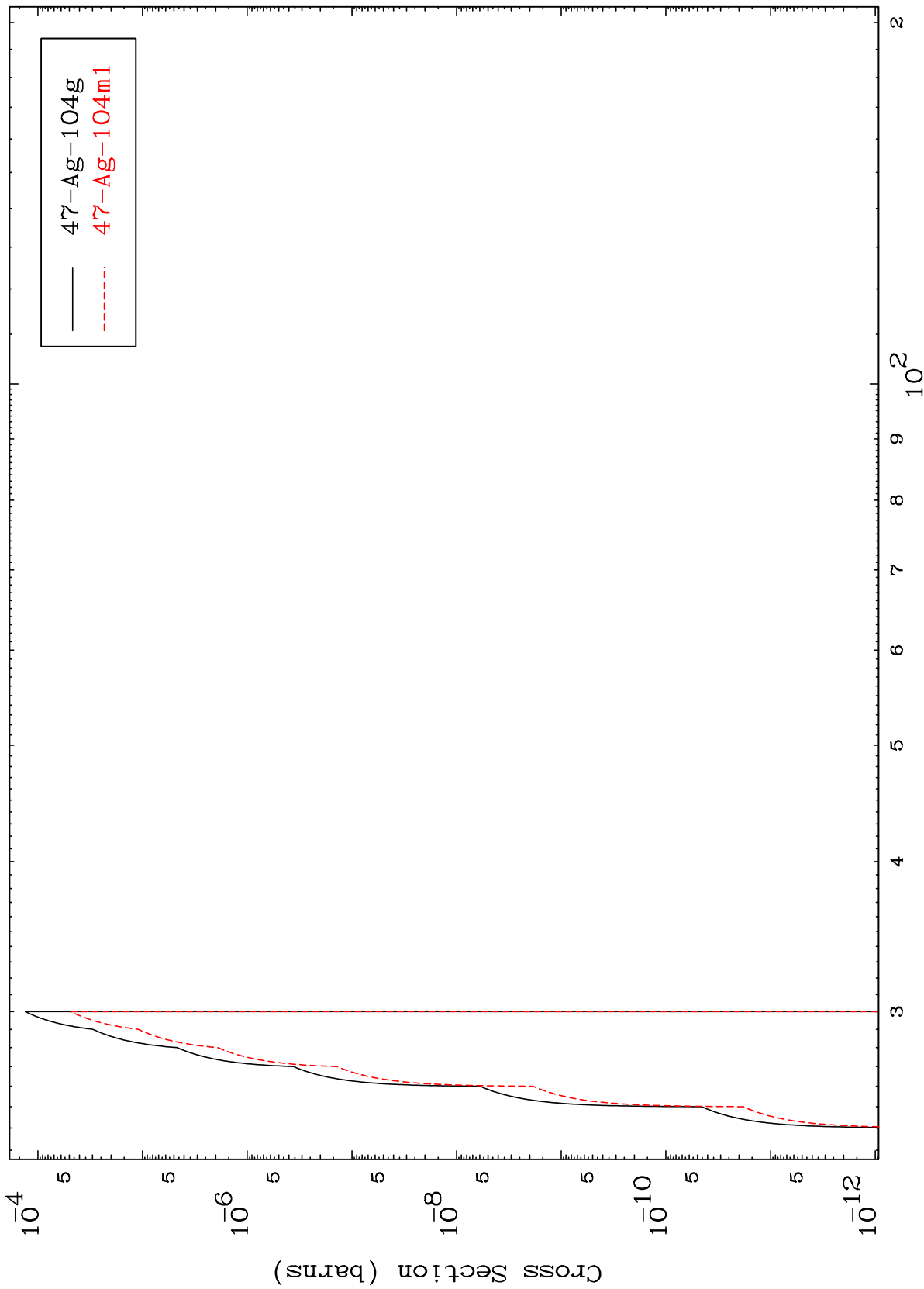


MAT 4828

(n,2n) d

48-Cd-107

Radionuclide Production Cross Section



47-Ag-104g
47-Ag-104m1

140

Incident Energy (MeV)

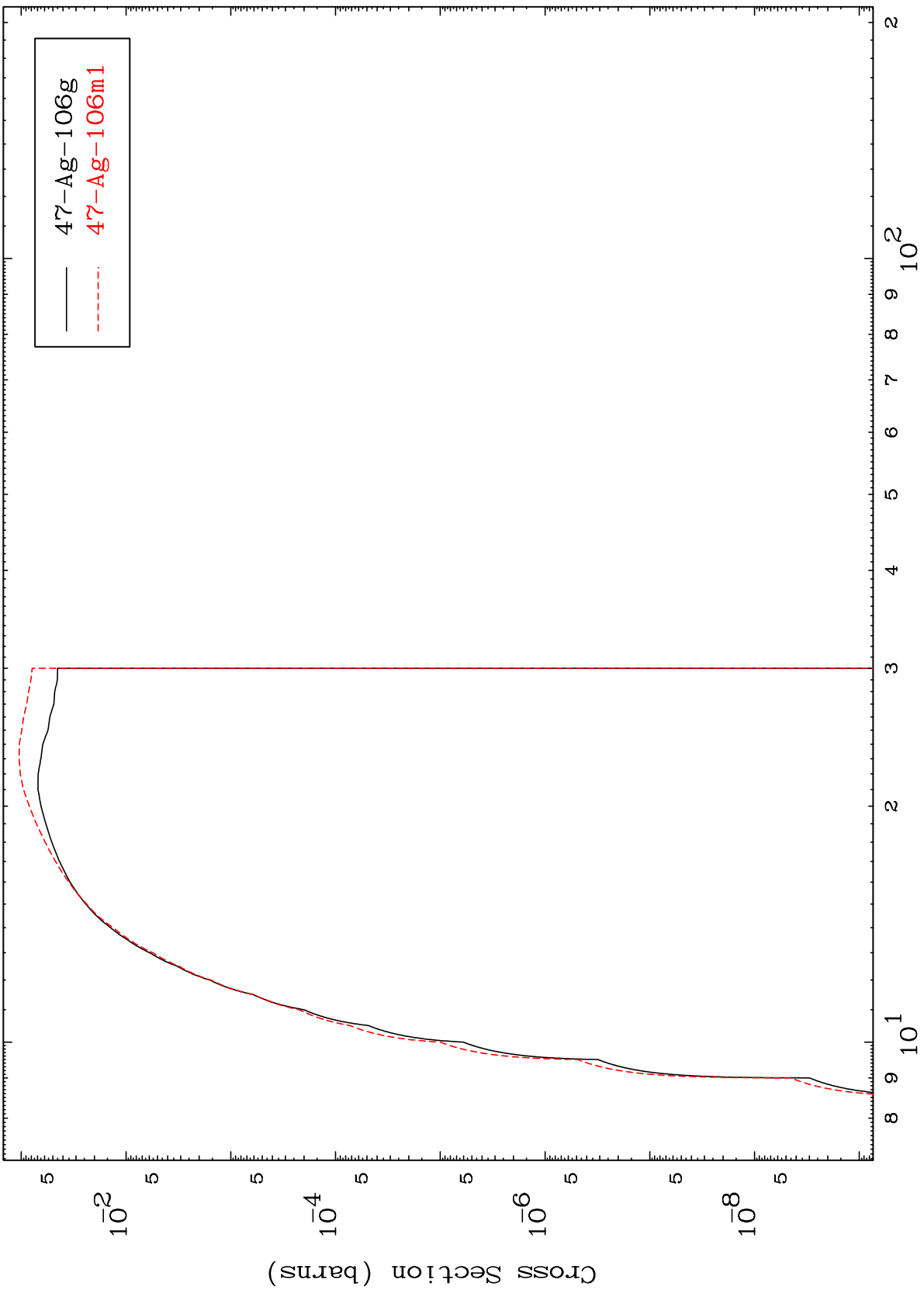
48-Cd-107

MAT 4828

(n,n') p

48-Cd-107

Radionuclide Production Cross Section



141

Incident Energy (MeV)

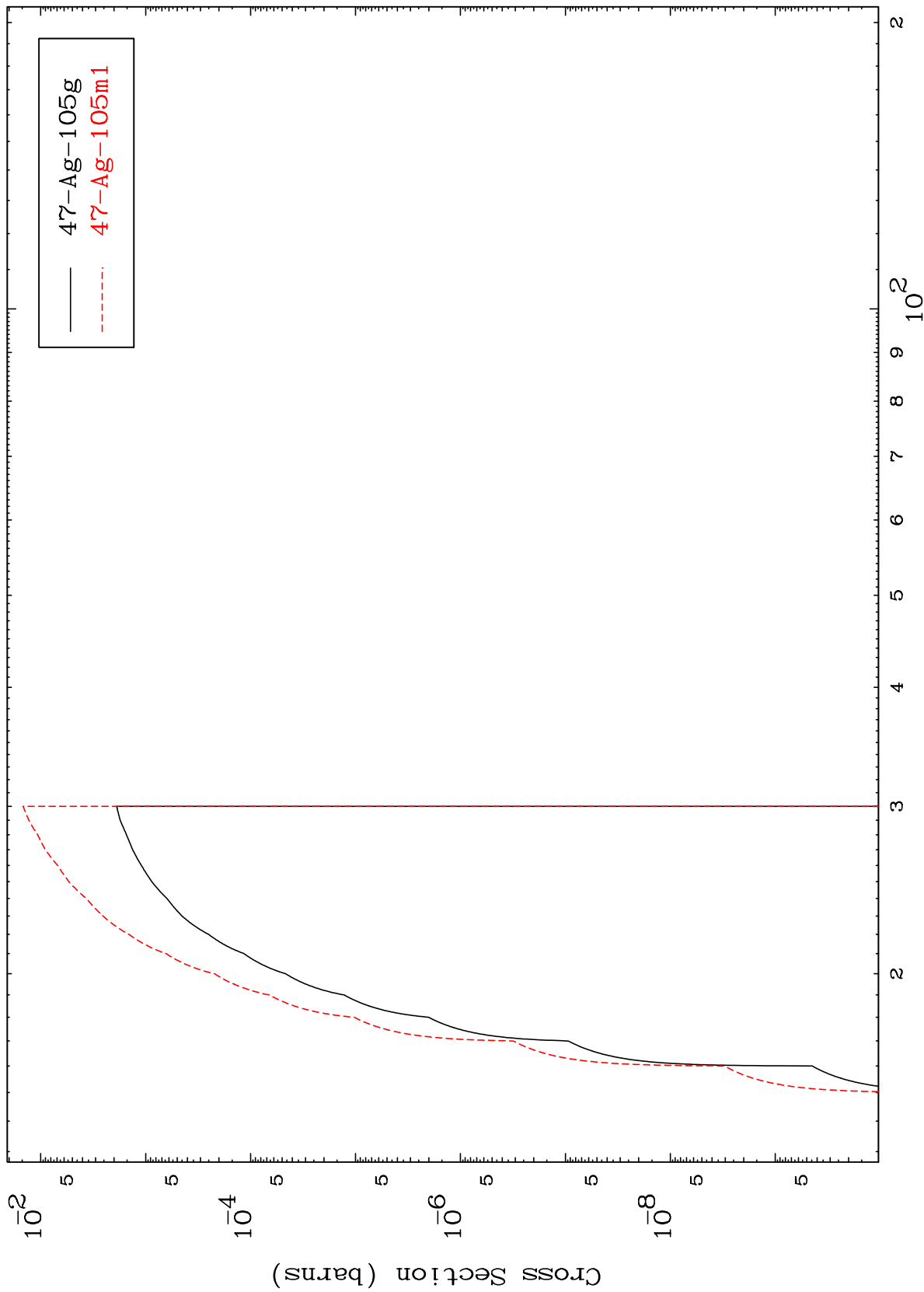
48-Cd-107

MAT 4828

(n,n') d

48-Cd-107

Radionuclide Production Cross Section



142

Incident Energy (MeV)

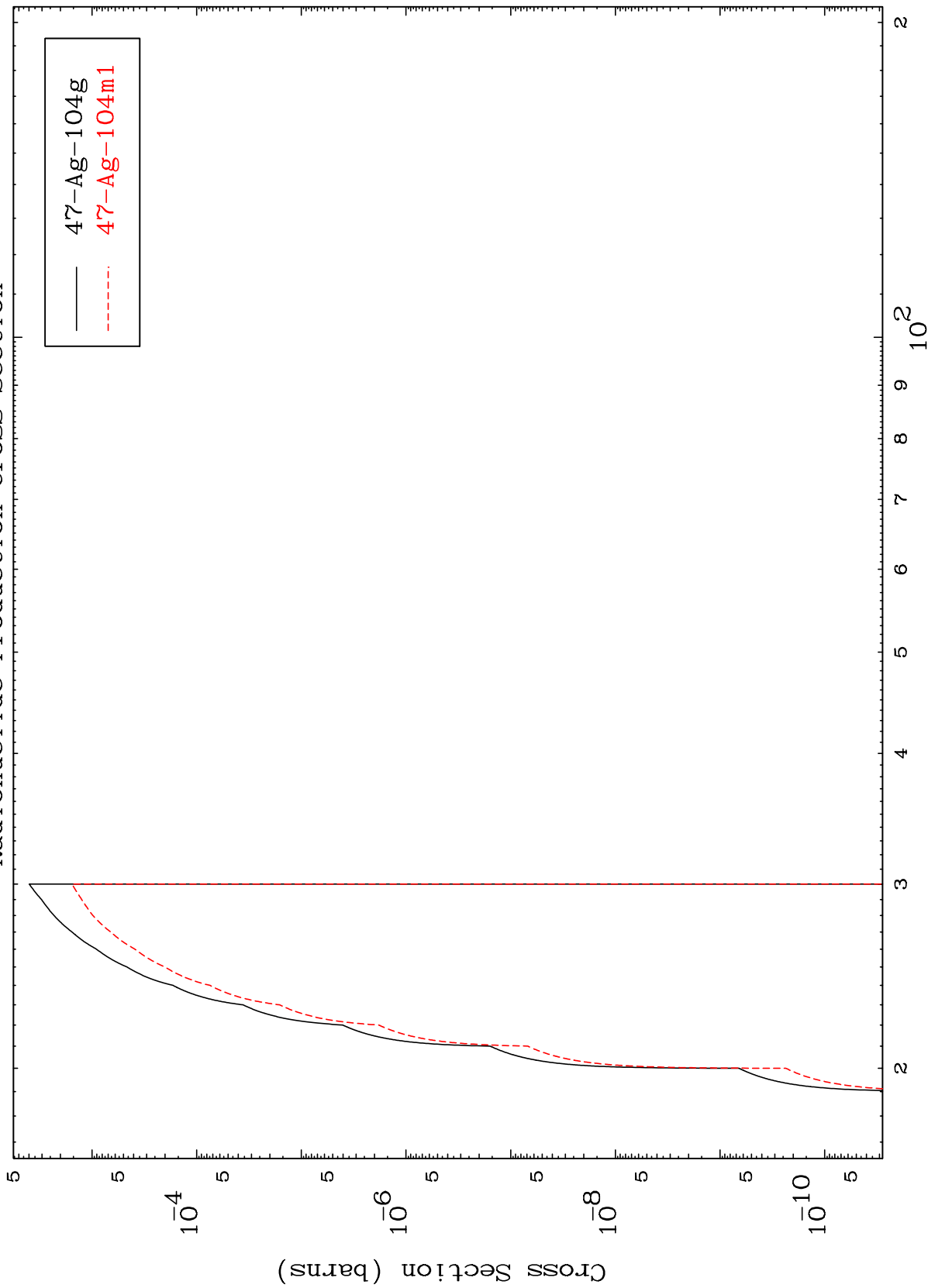
48-Cd-107

MAT 4828

(n,n') t

48-Cd-107

Radionuclide Production Cross Section

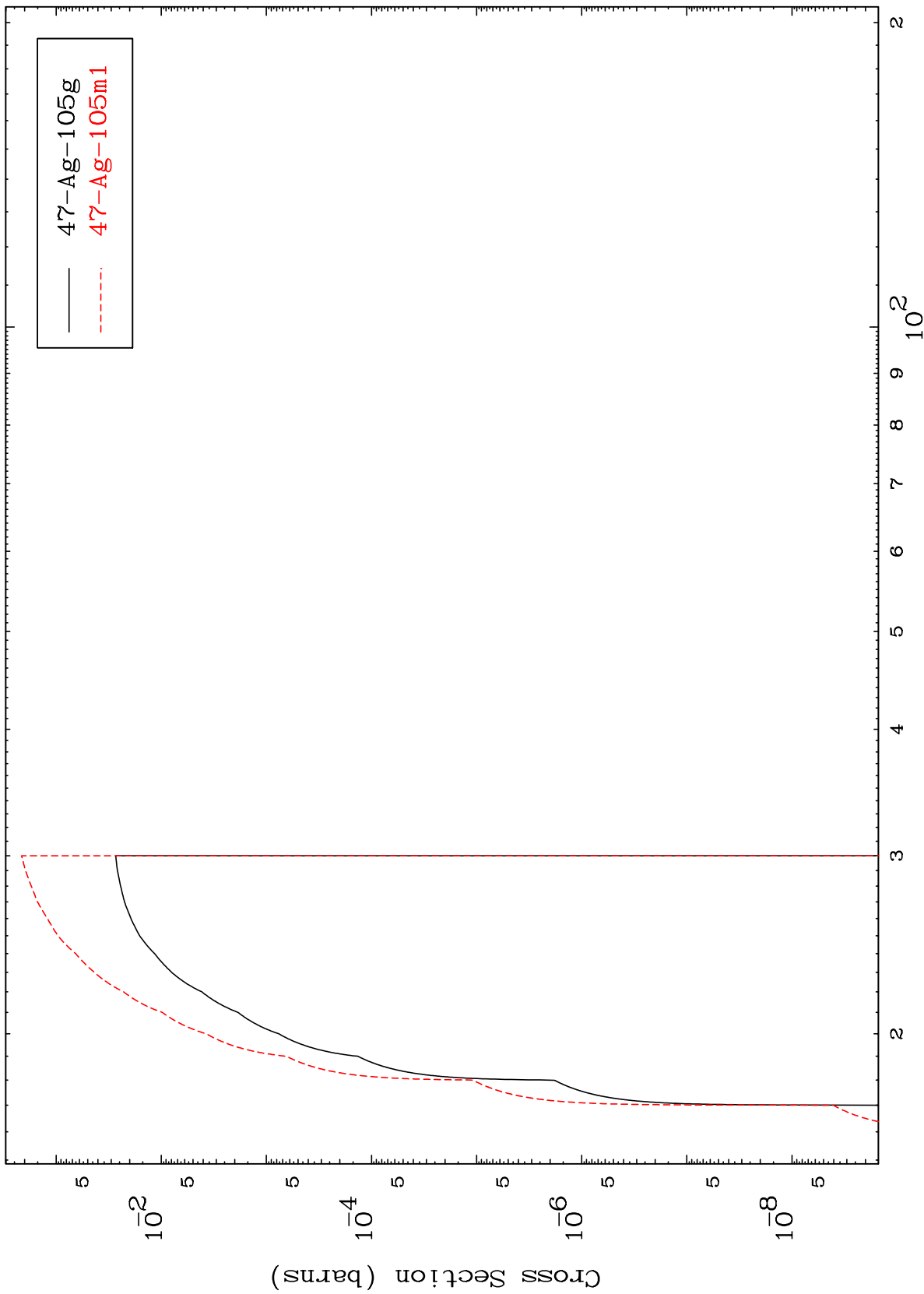


143

Incident Energy (MeV)

48-Cd-107

Radionuclide Production Cross Section

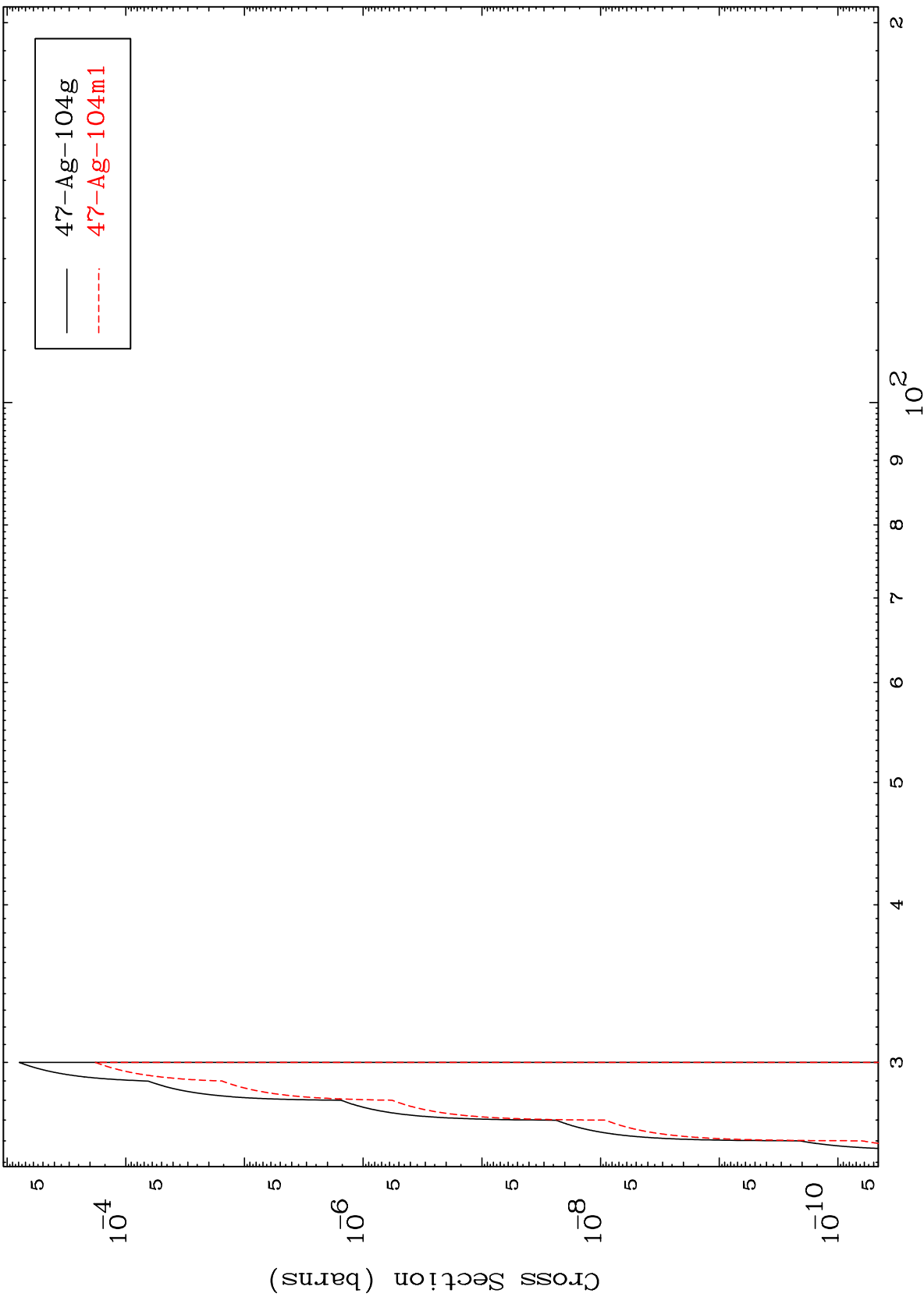


MAT 4828

(n,3n) p

48-Cd-107

Radionuclide Production Cross Section



47-Ag-104g
47-Ag-104m1

145

Incident Energy (MeV)

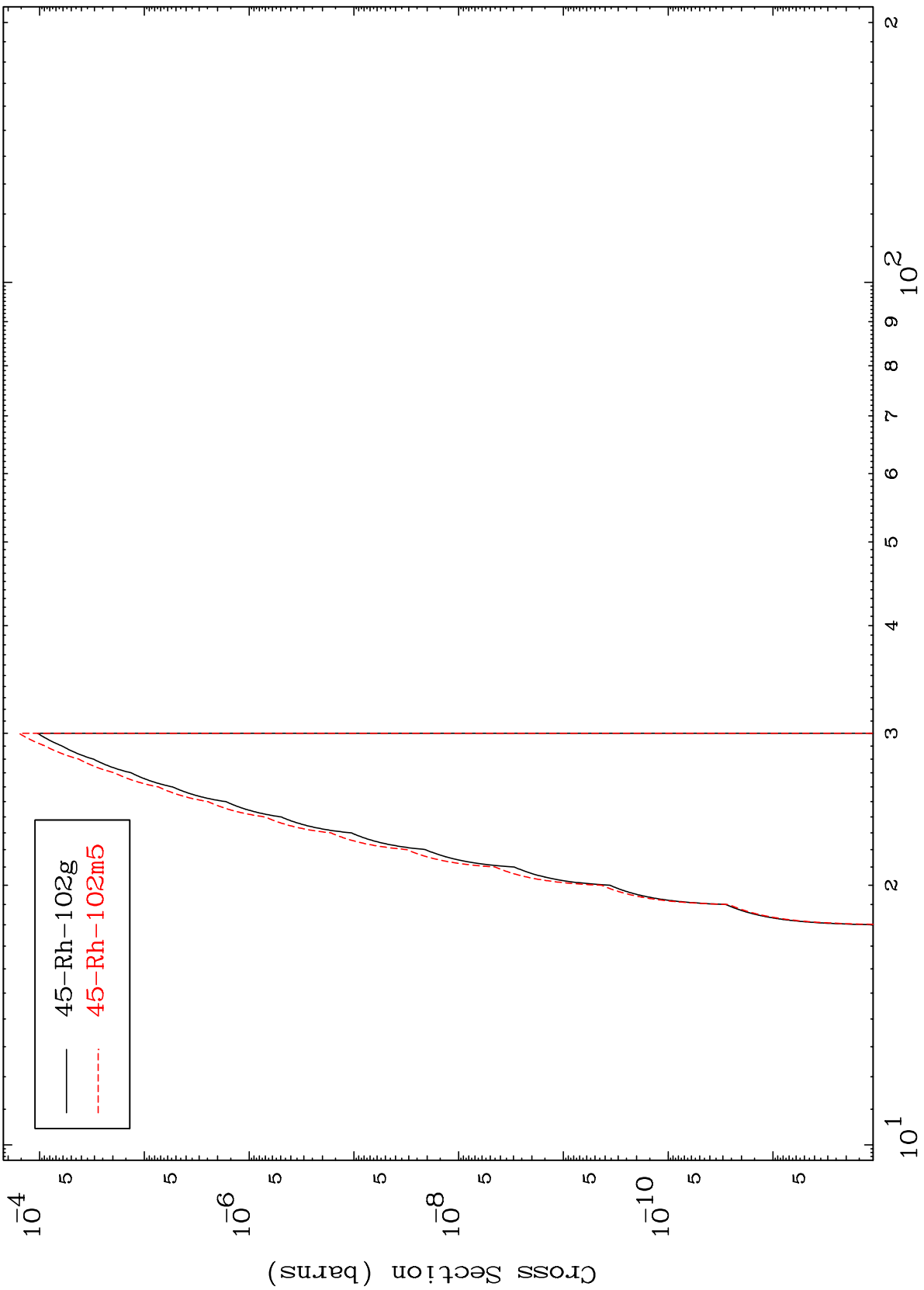
48-Cd-107

MAT 4828

(n,n') p α

48-Cd-107

Radionuclide Production Cross Section



146

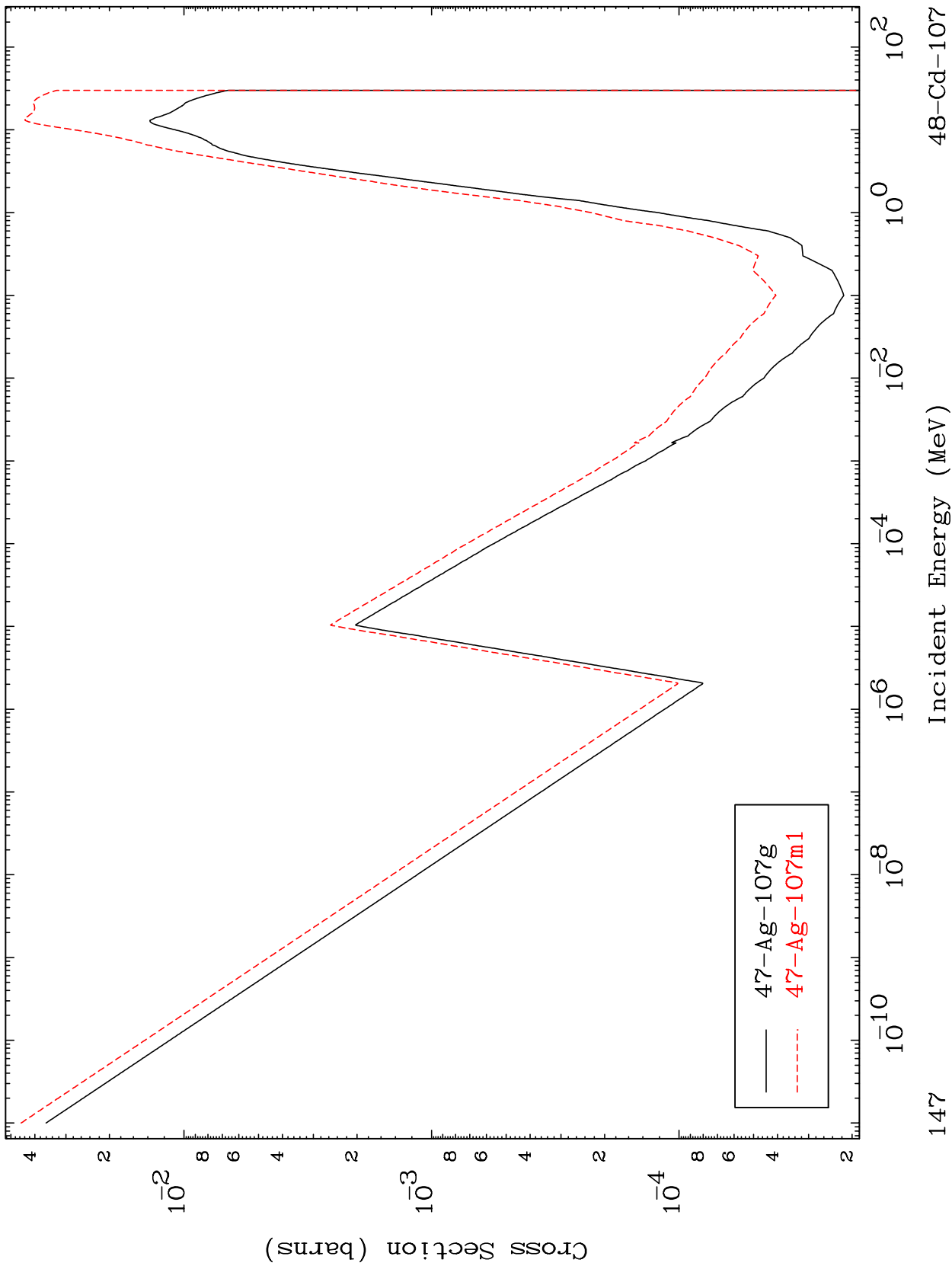
Incident Energy (MeV)

48-Cd-107

MAT 4828

48-Cd-107

(n,p)
Radionuclide Production Cross Section

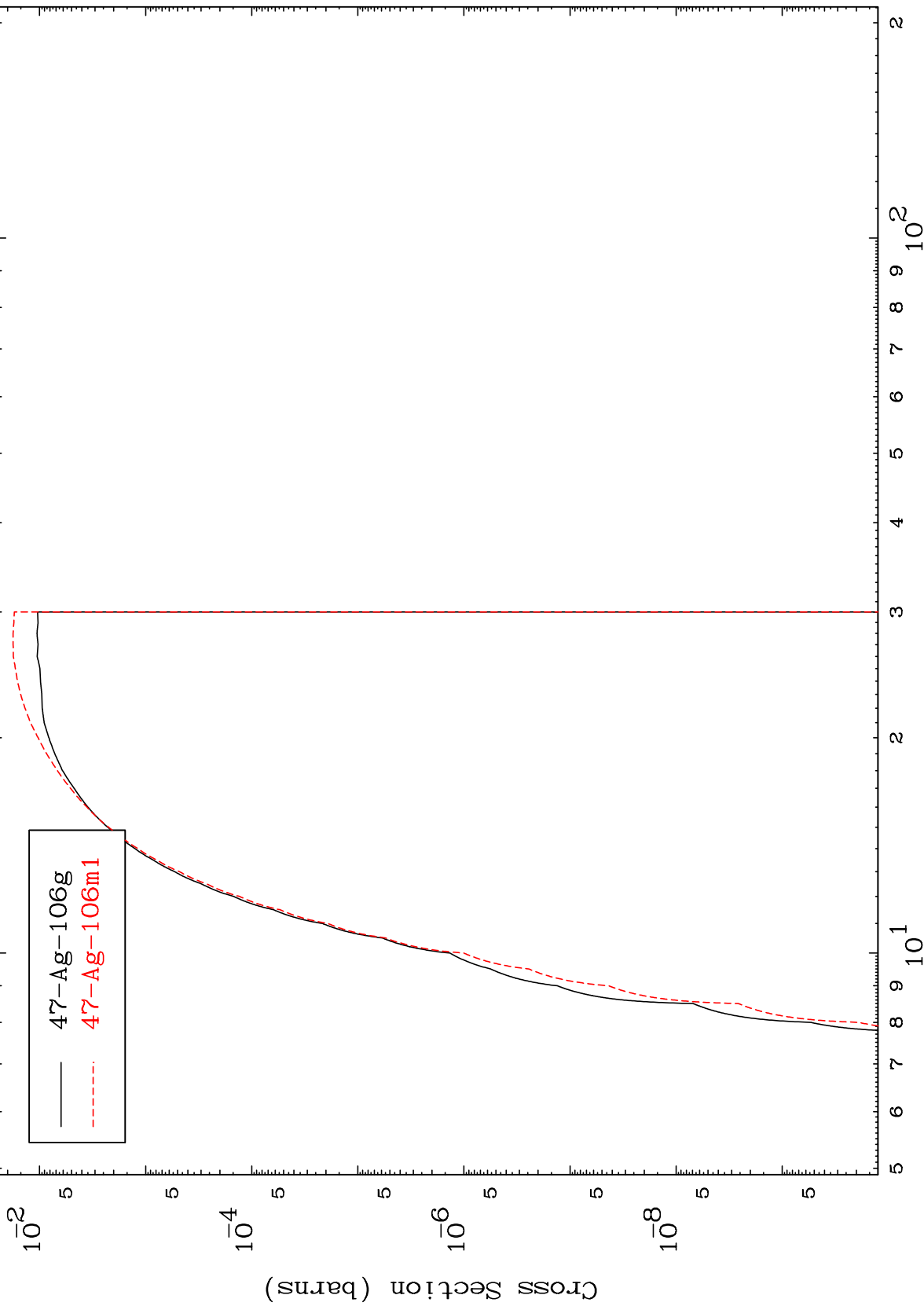


147

MAT 4828

48-Cd-107

(n,d)
Radionuclide Production Cross Section

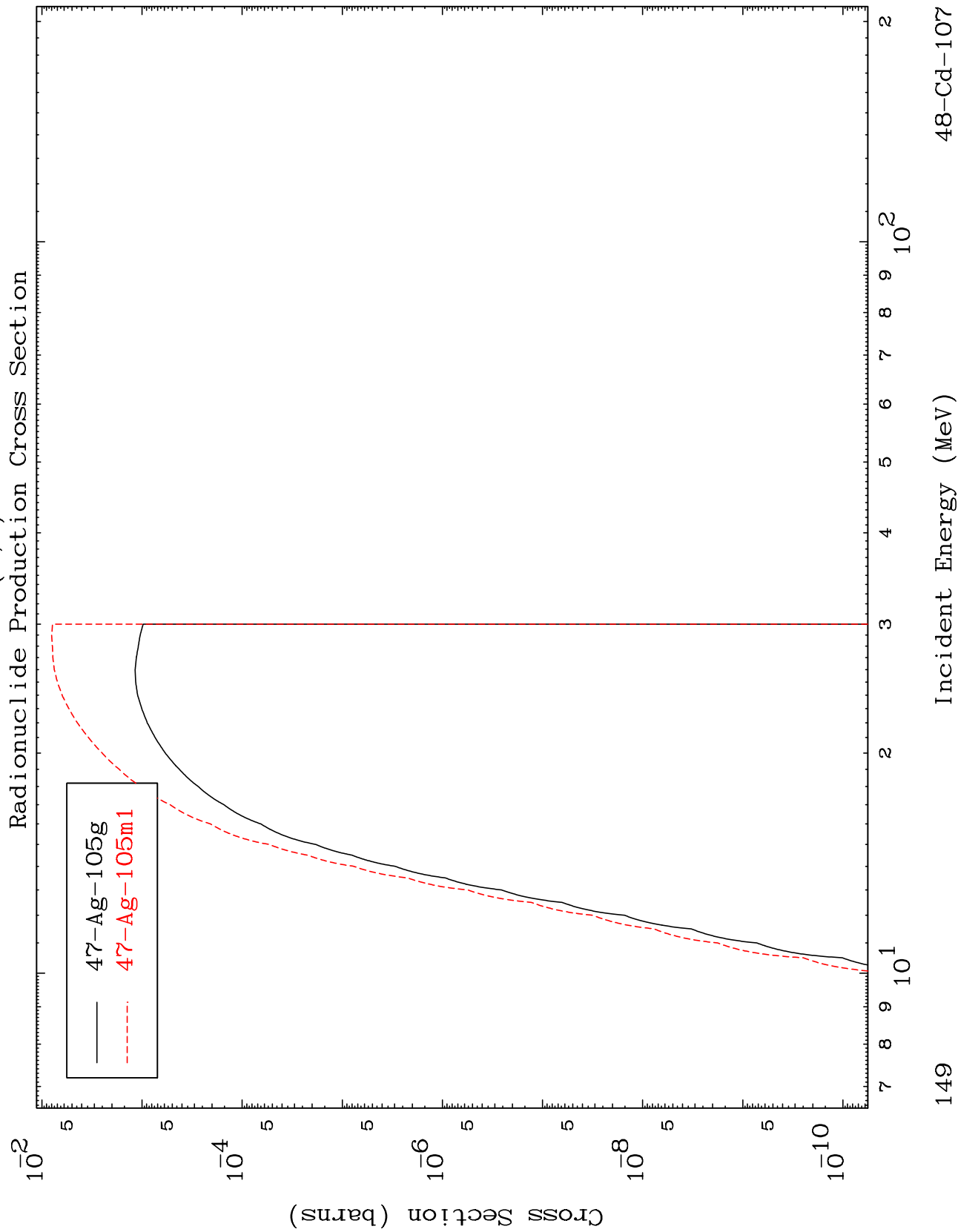


— 47-Ag-106g
- - - 47-Ag-106m1

48-Cd-107

Incident Energy (MeV)

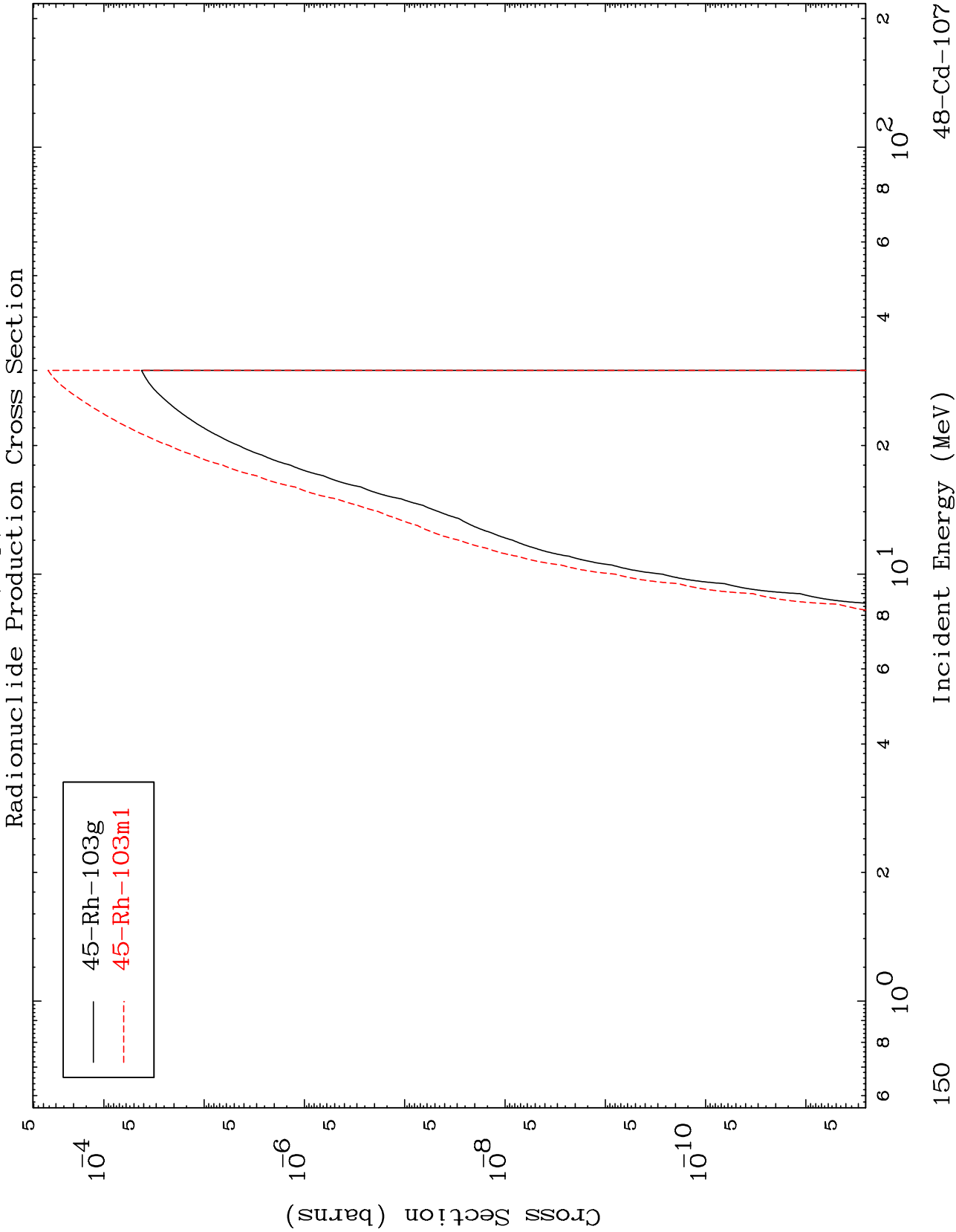
148



MAT 4828

(n,p) α

48-Cd-107

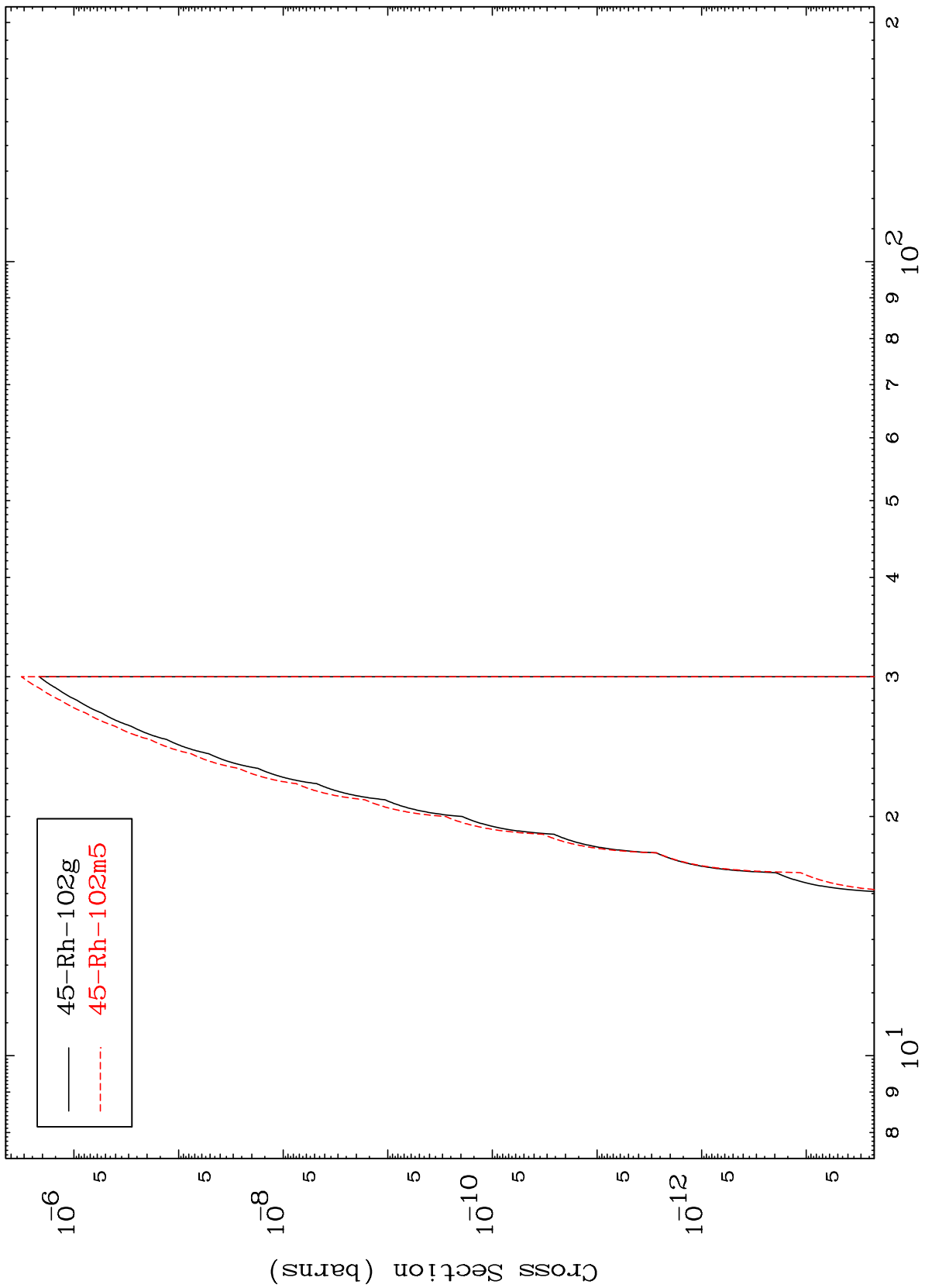


MAT 4828

(n,d) α

48-Cd-107

Radionuclide Production Cross Section



— 45-Rh-102g
- - - 45-Rh-102m5

151

Incident Energy (MeV)

48-Cd-107