

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

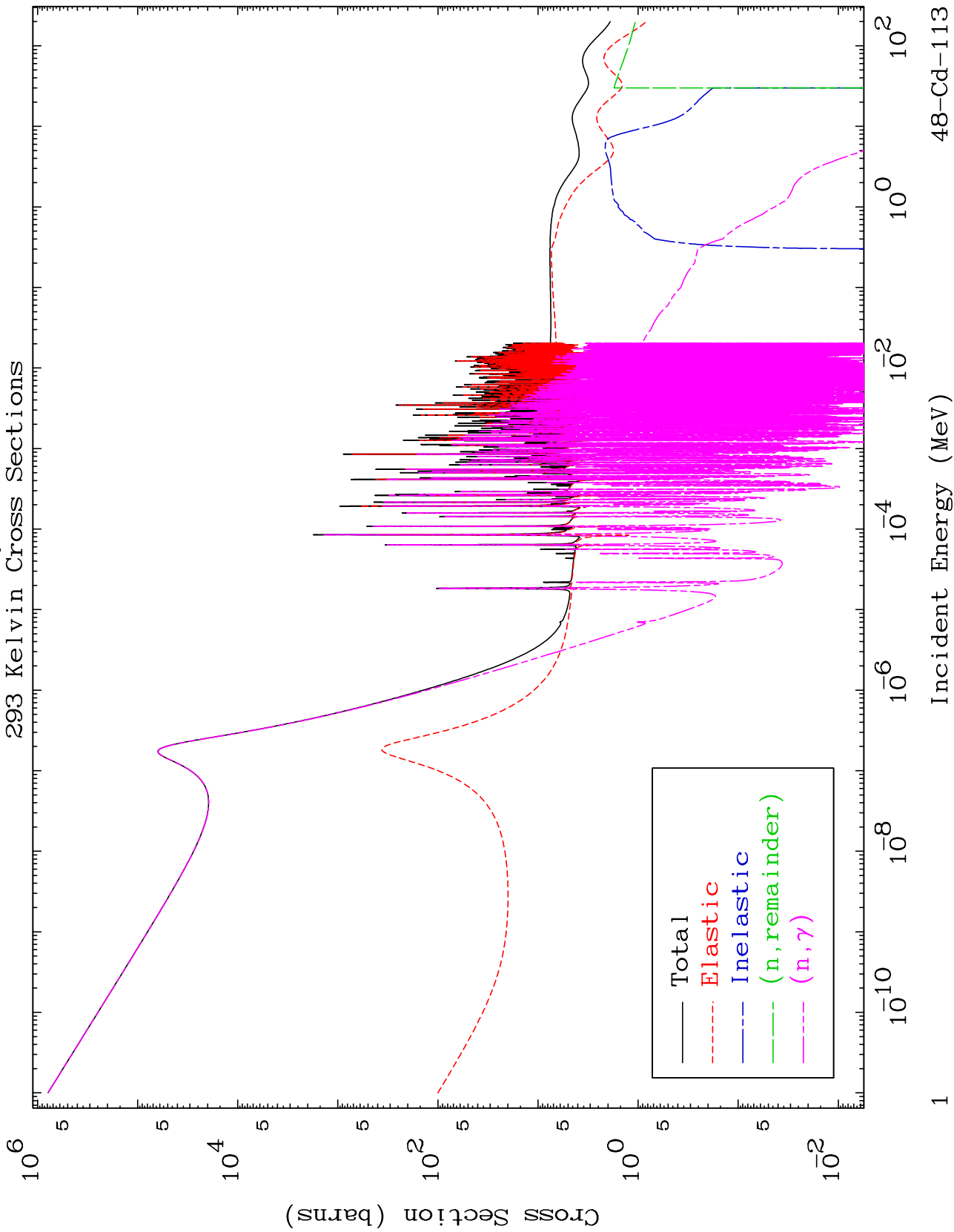
Press Mouse Button to Start

MAT 4846

Major

293 Kelvin Cross Sections

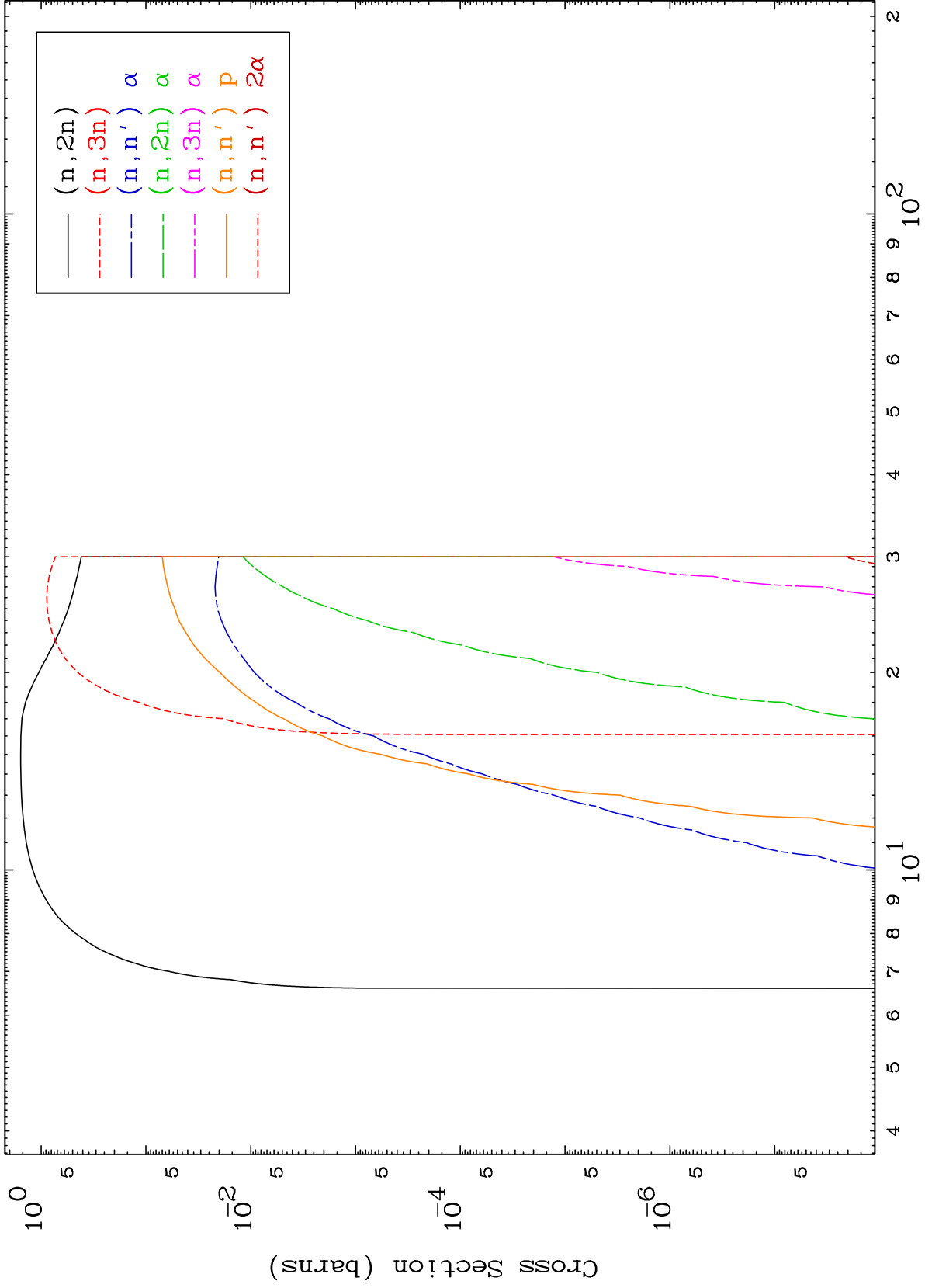
48-Cd-113



MAT 4846

Neutron Production
293 Kelvin Cross Sections

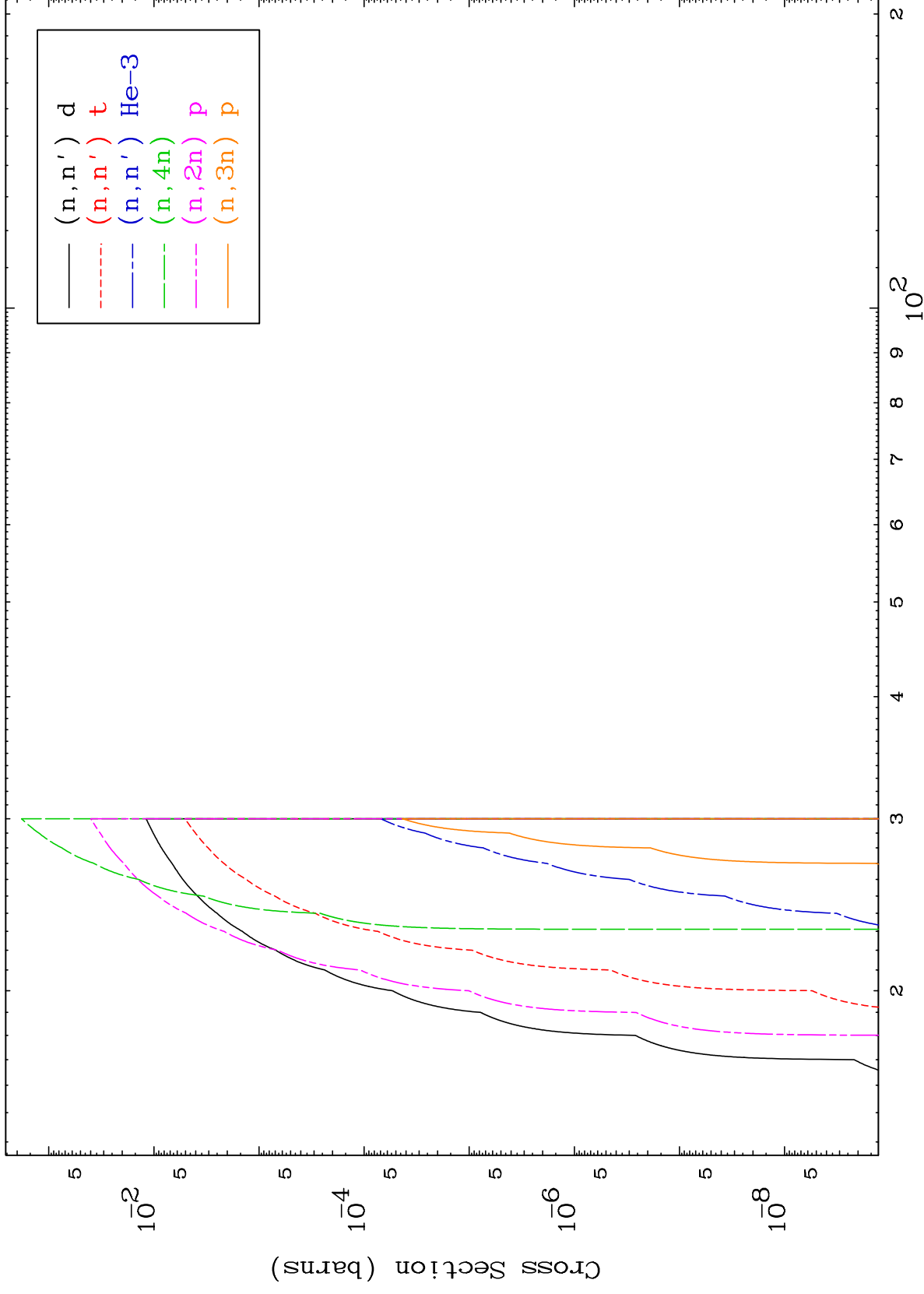
48-Cd-113



2

Incident Energy (MeV)

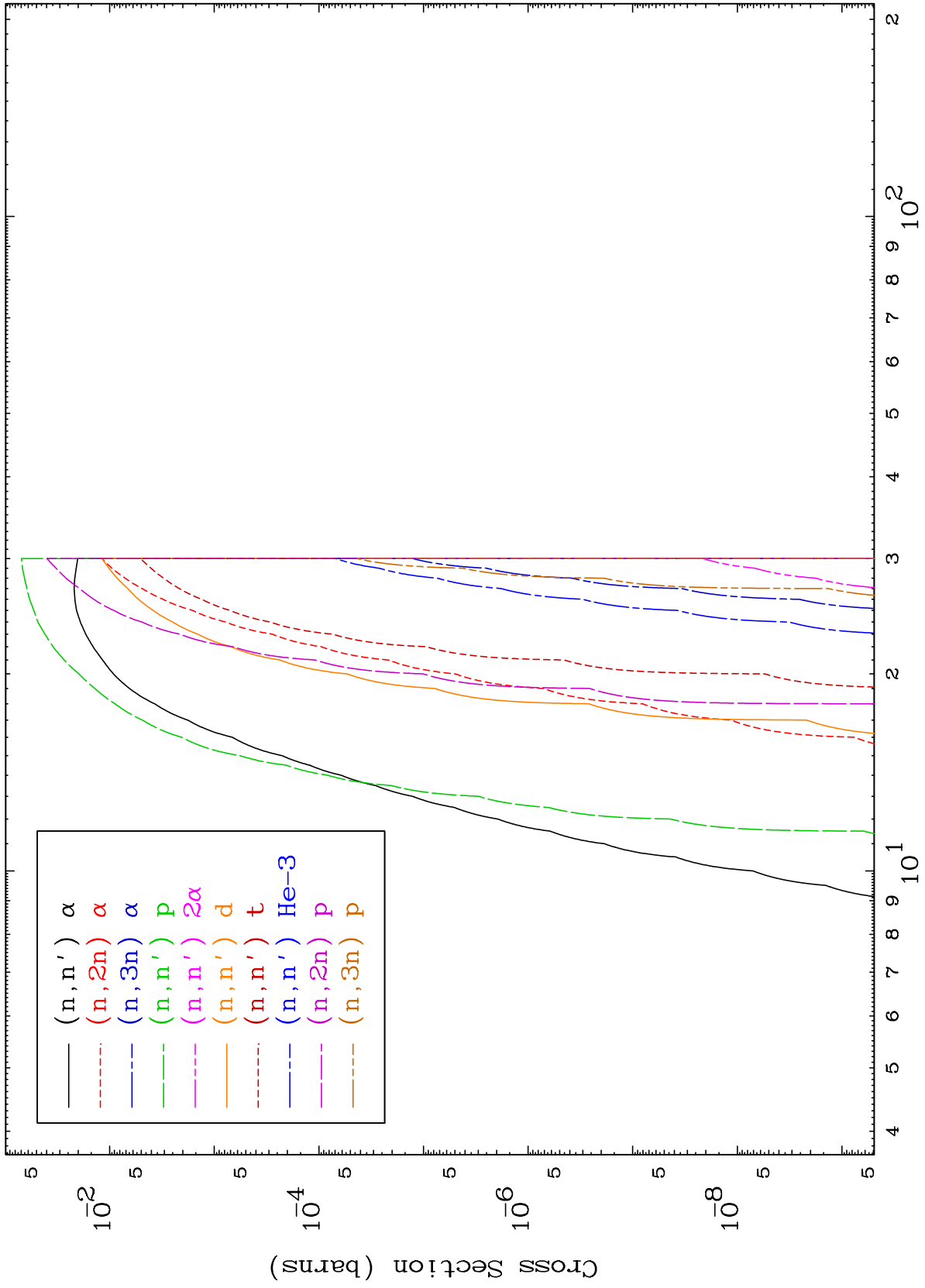
48-Cd-113



MAT 4846

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



4

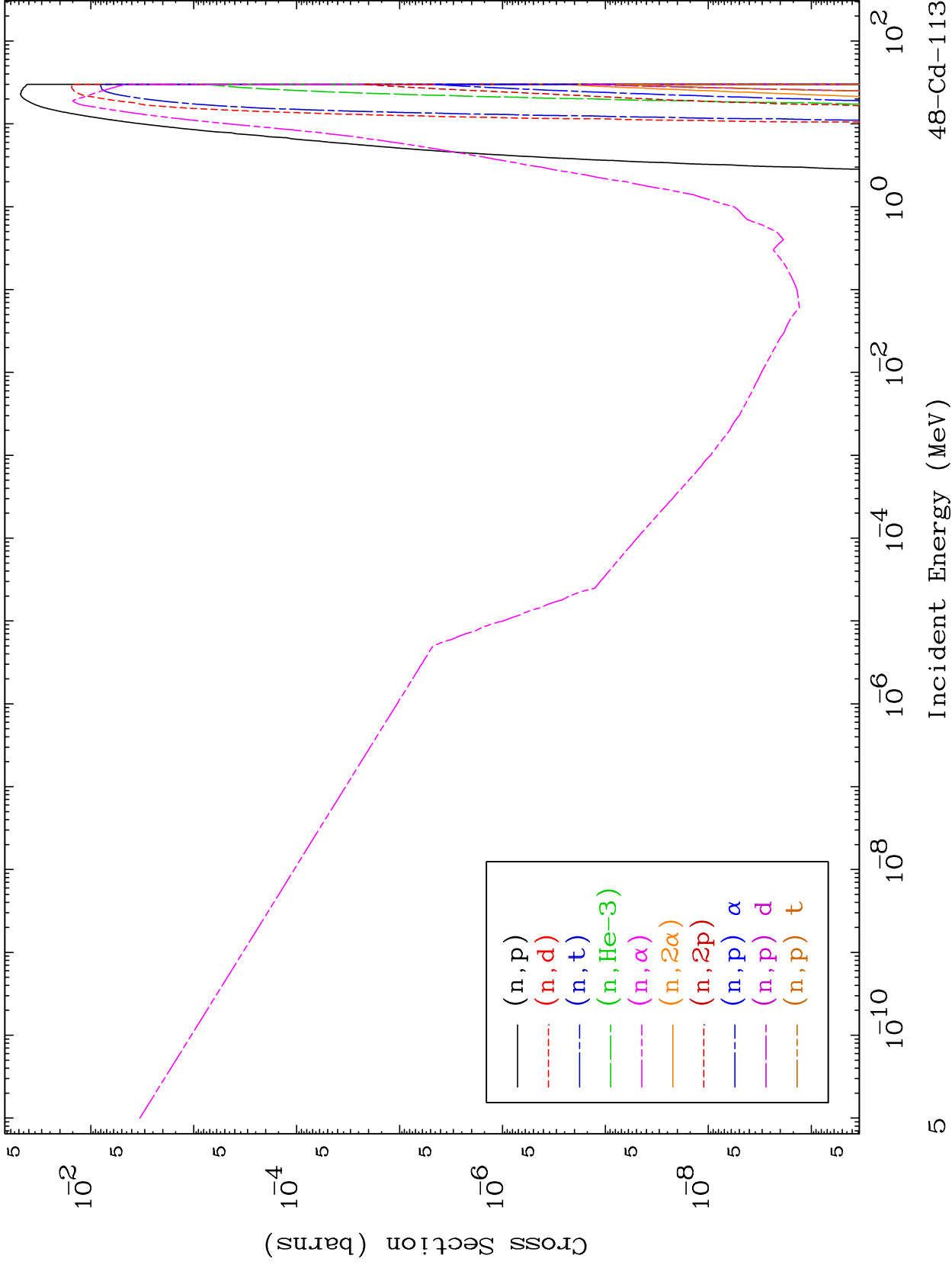
Incident Energy (MeV)

48-Cd-113

MAT 4846

Charged Particle
293 Kelvin Cross Sections

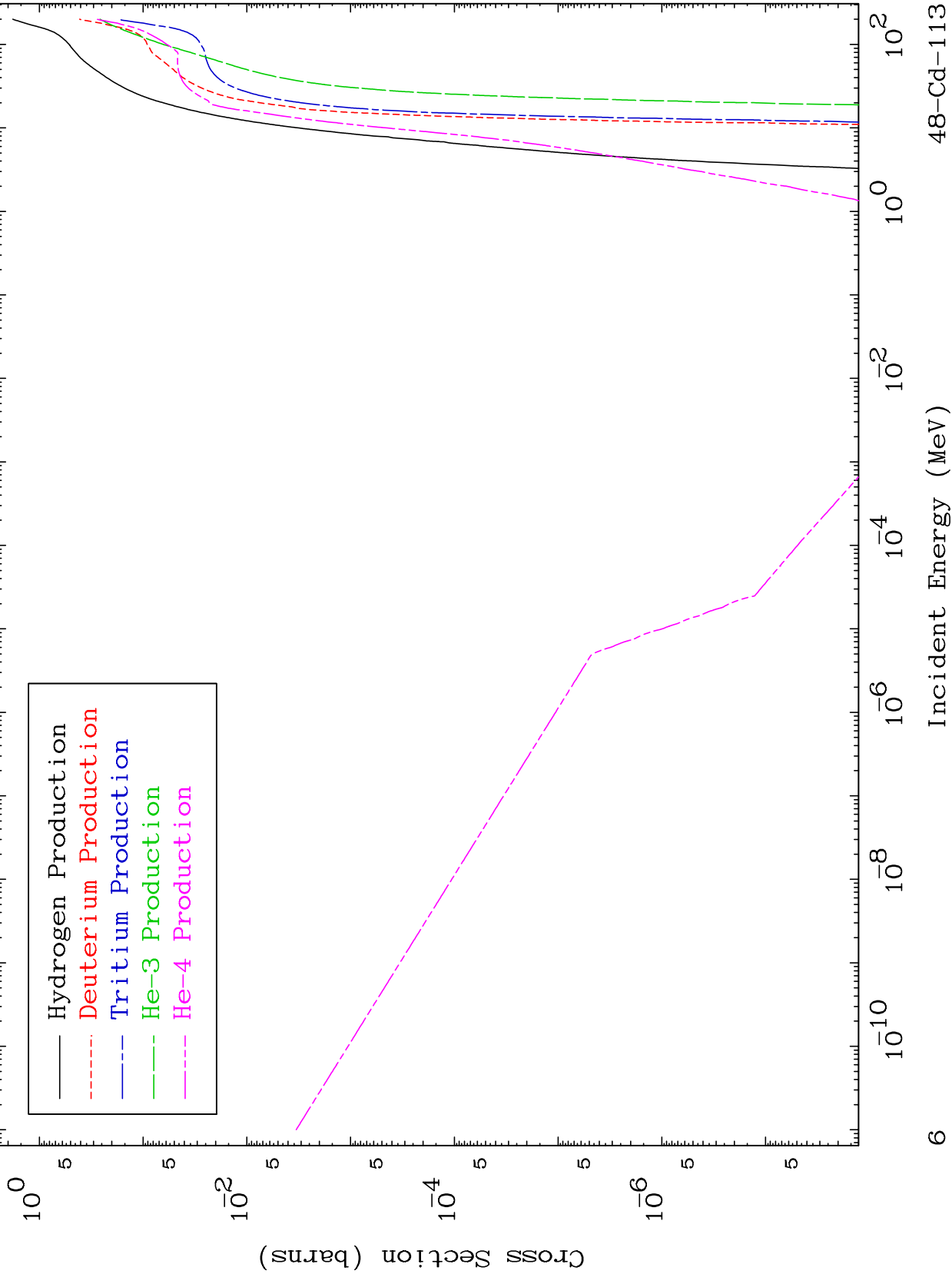
48-Cd-113



MAT 4846

Particle Production
293 Kelvin Cross Sections

48-Cd-113

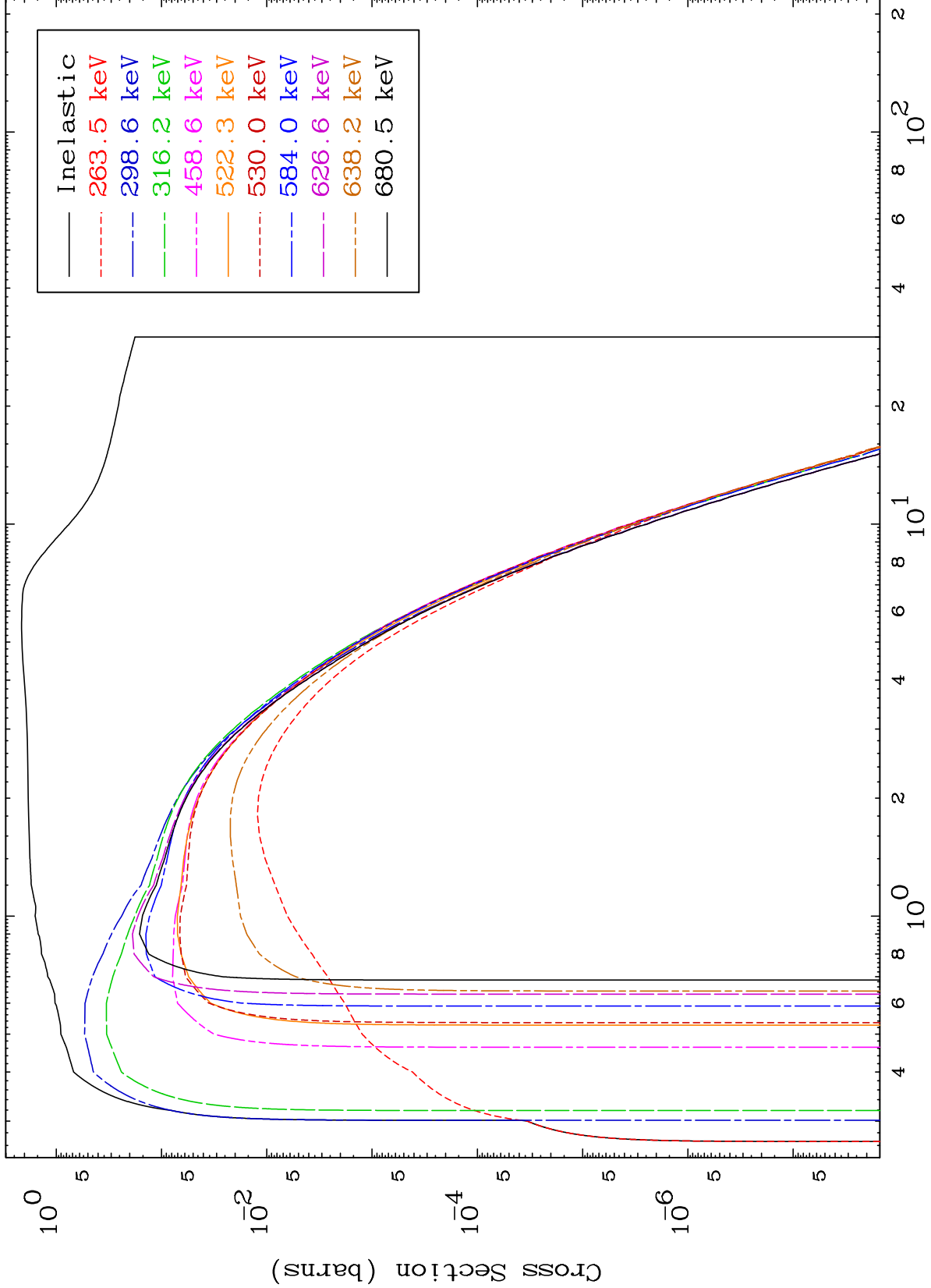


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections

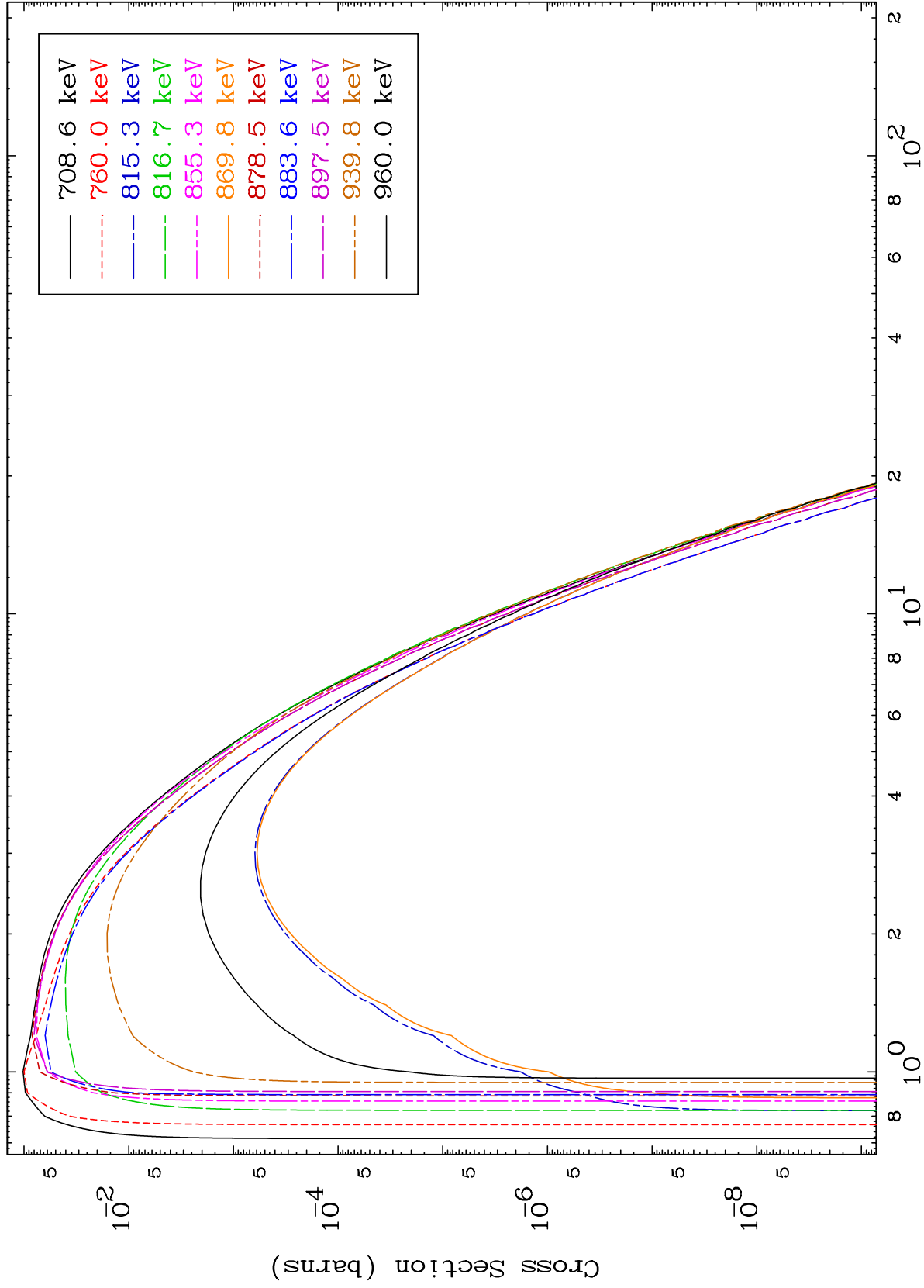


MAT 4846

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



8

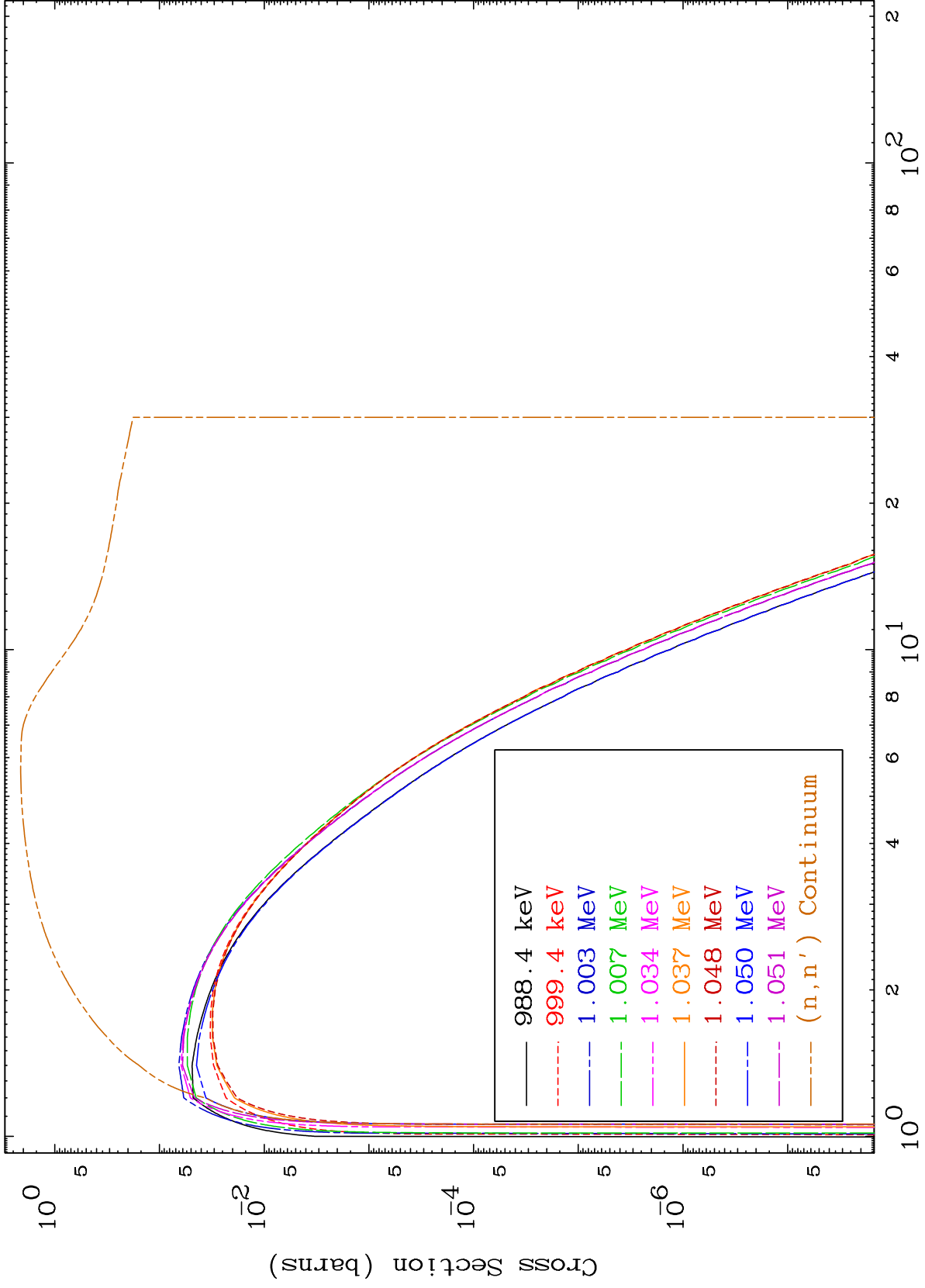
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,n') Level
293 Kelvin Cross Sections

48-Cd-113



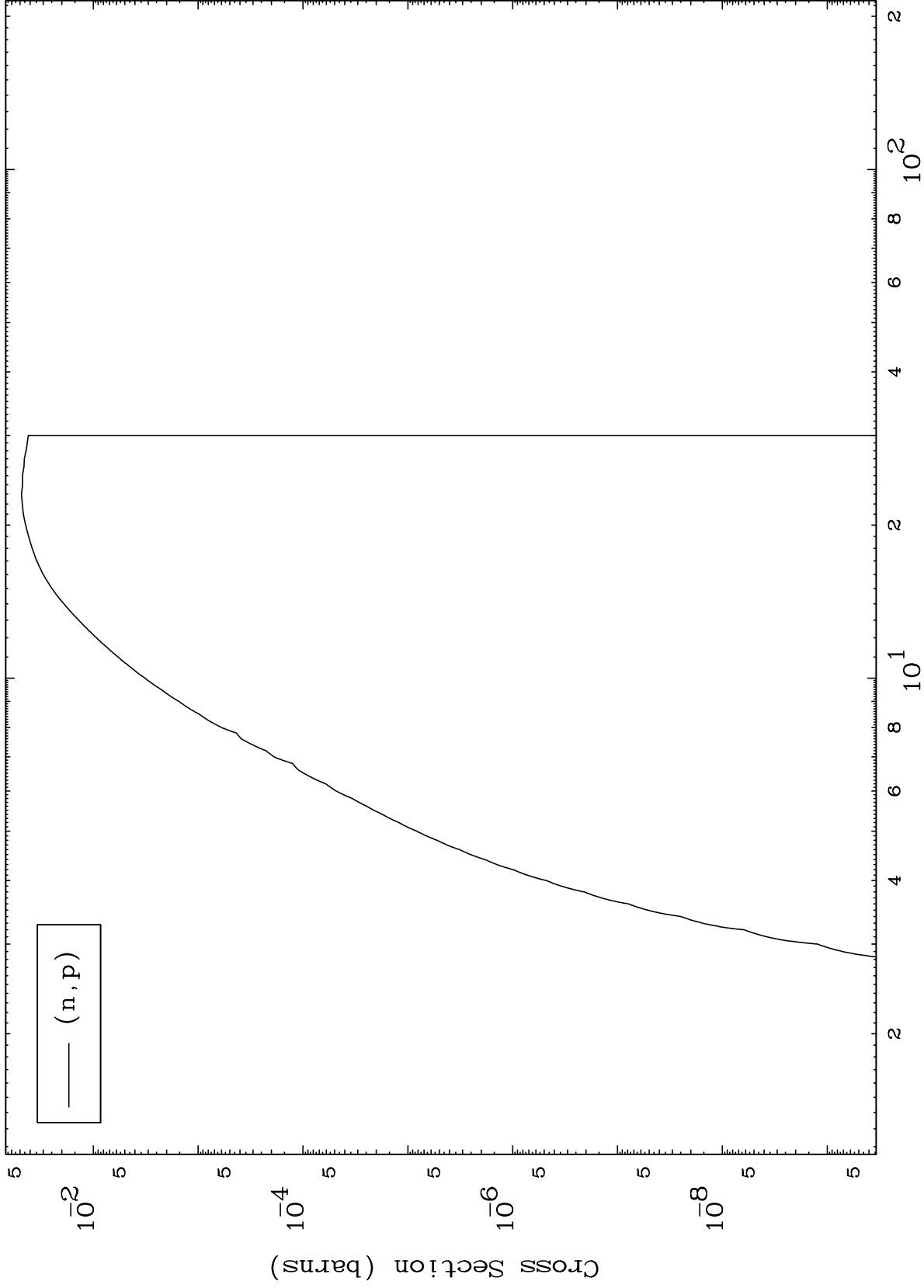
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113



10

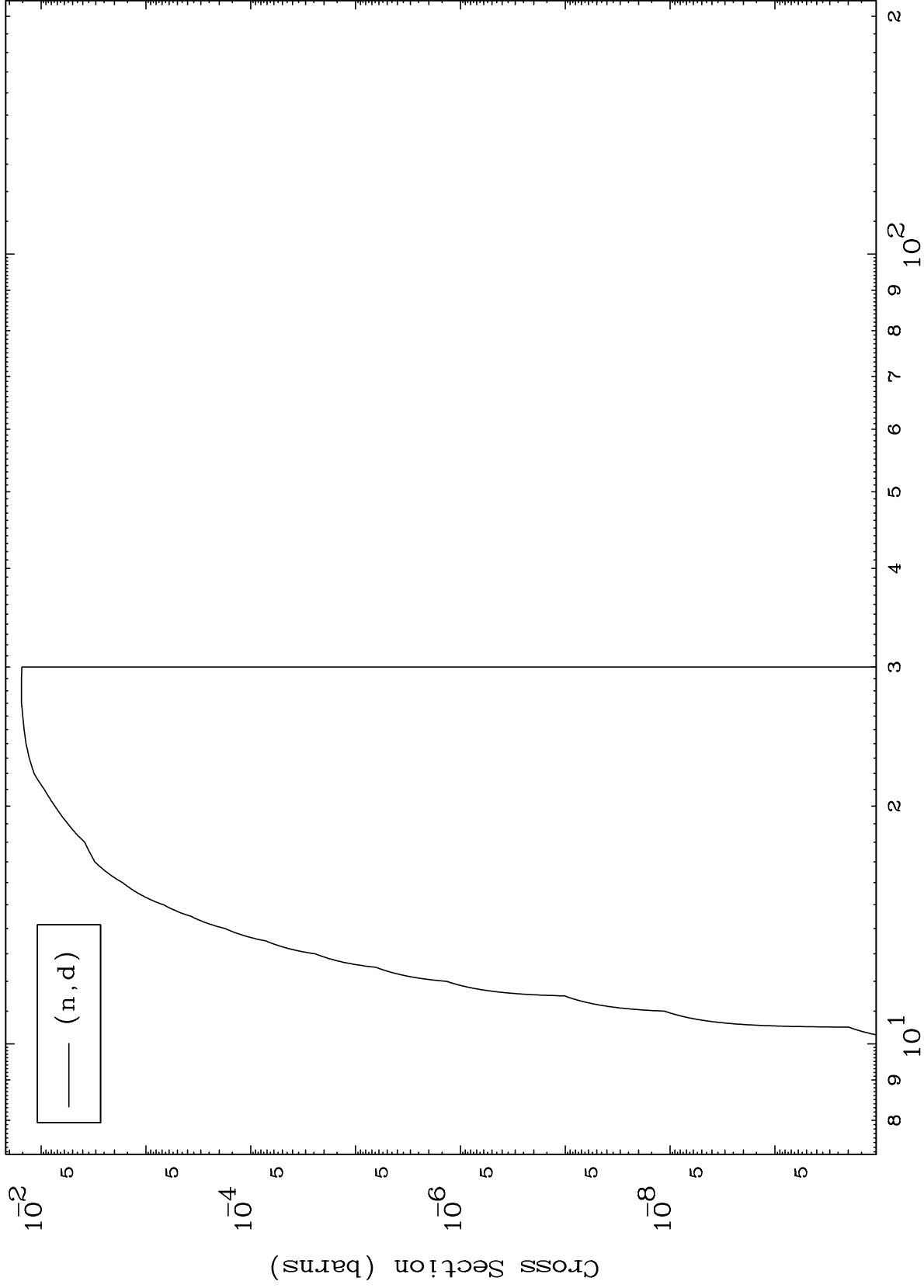
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



11

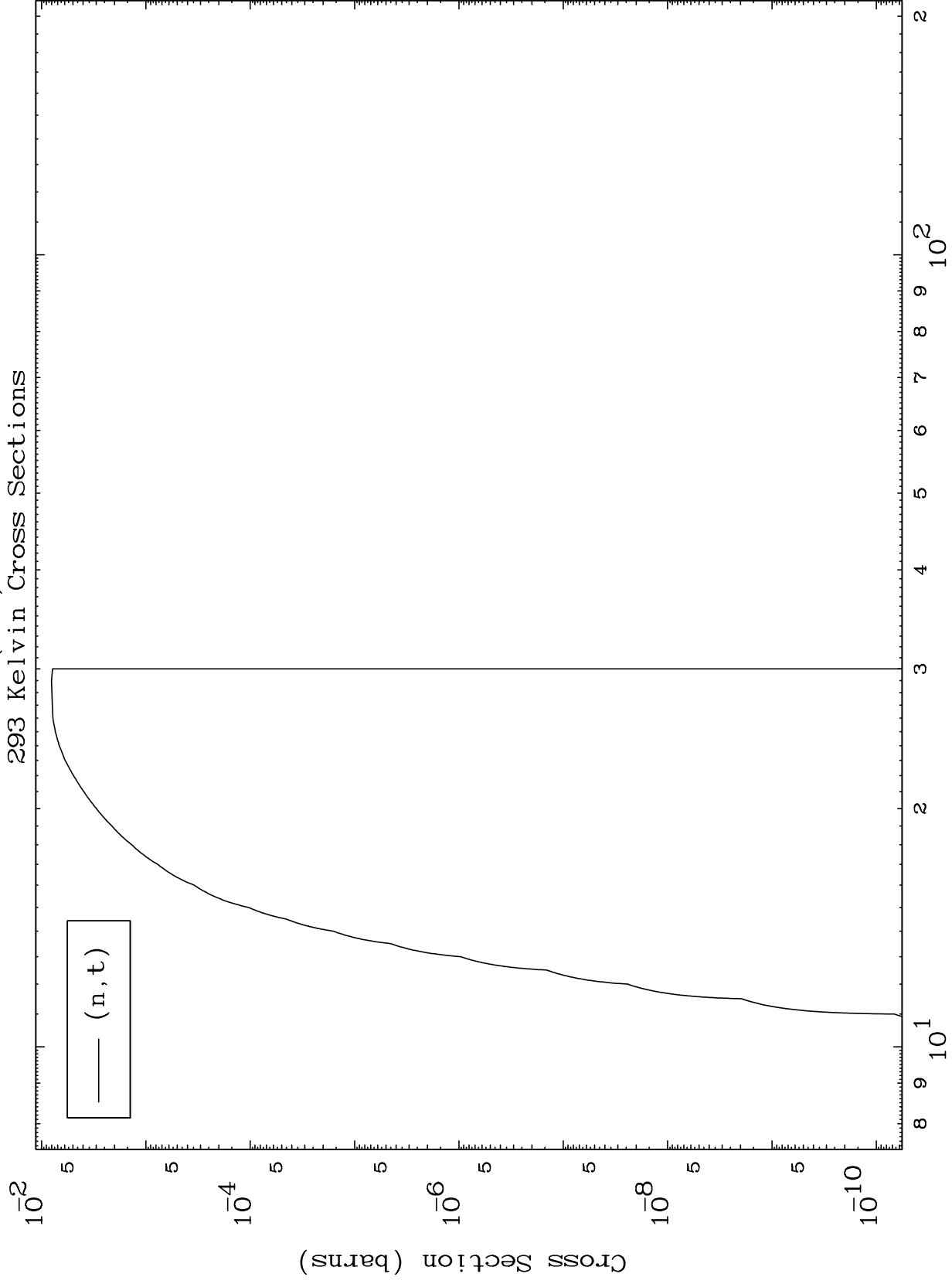
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-113



12

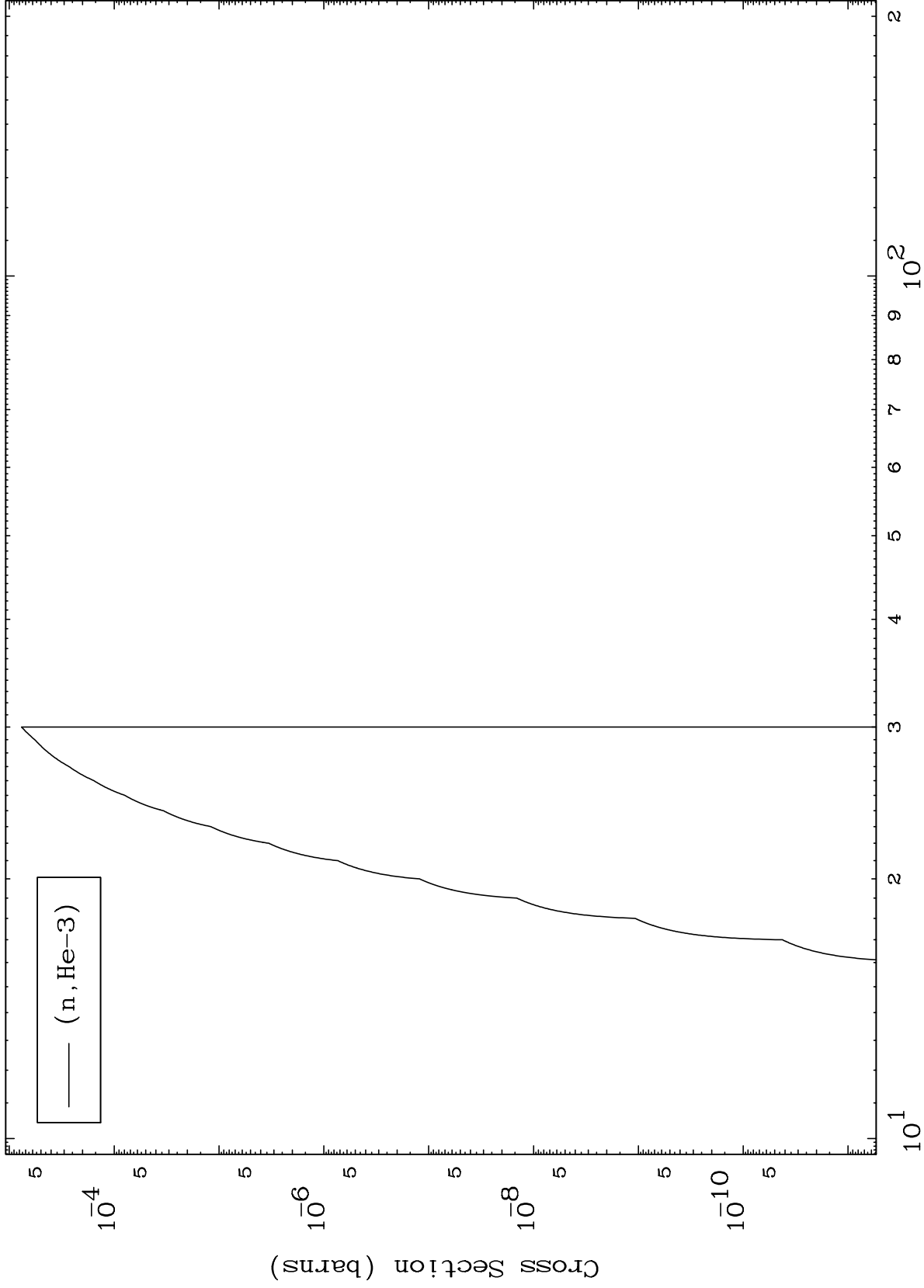
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-113



48-Cd-113

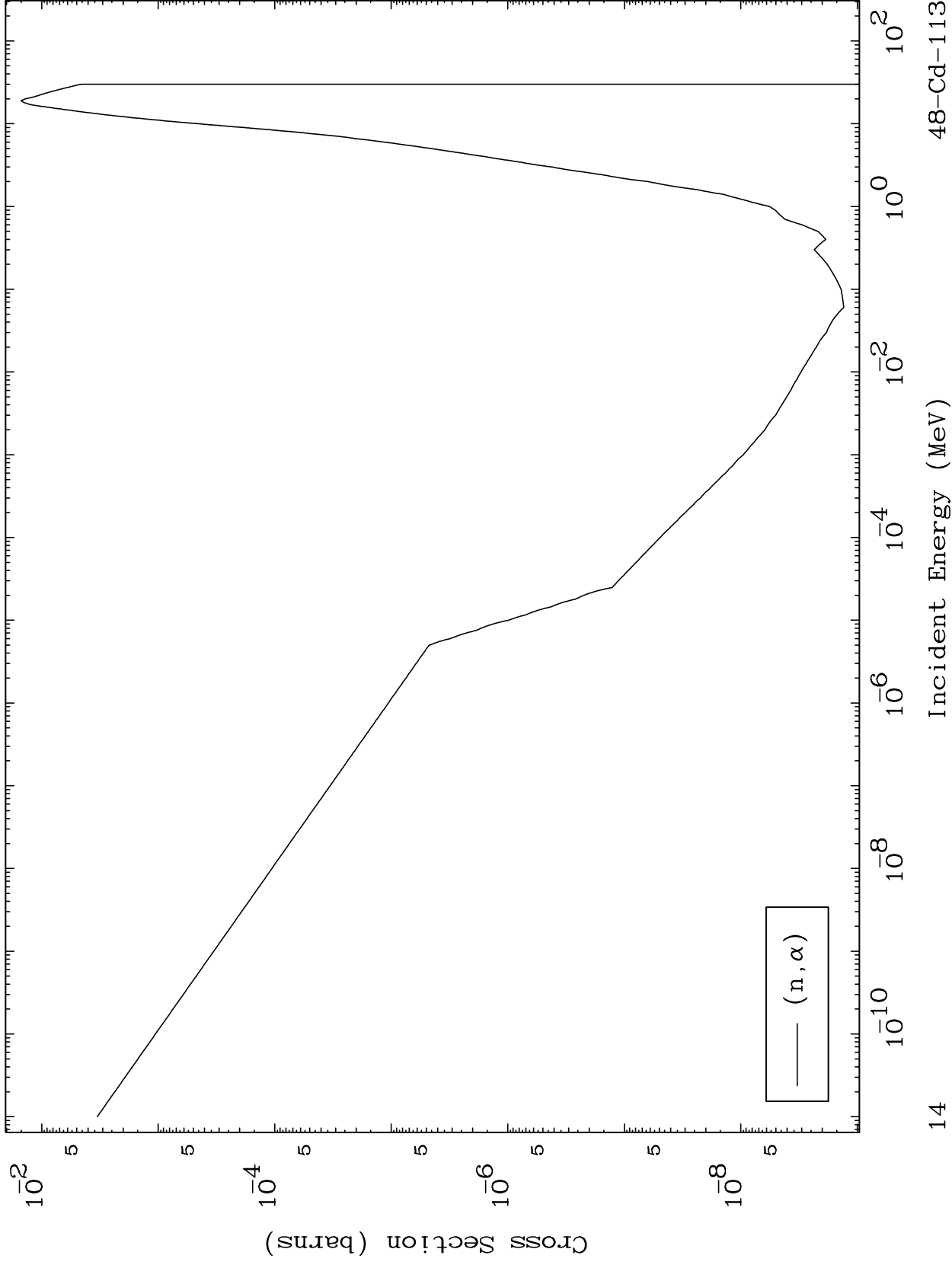
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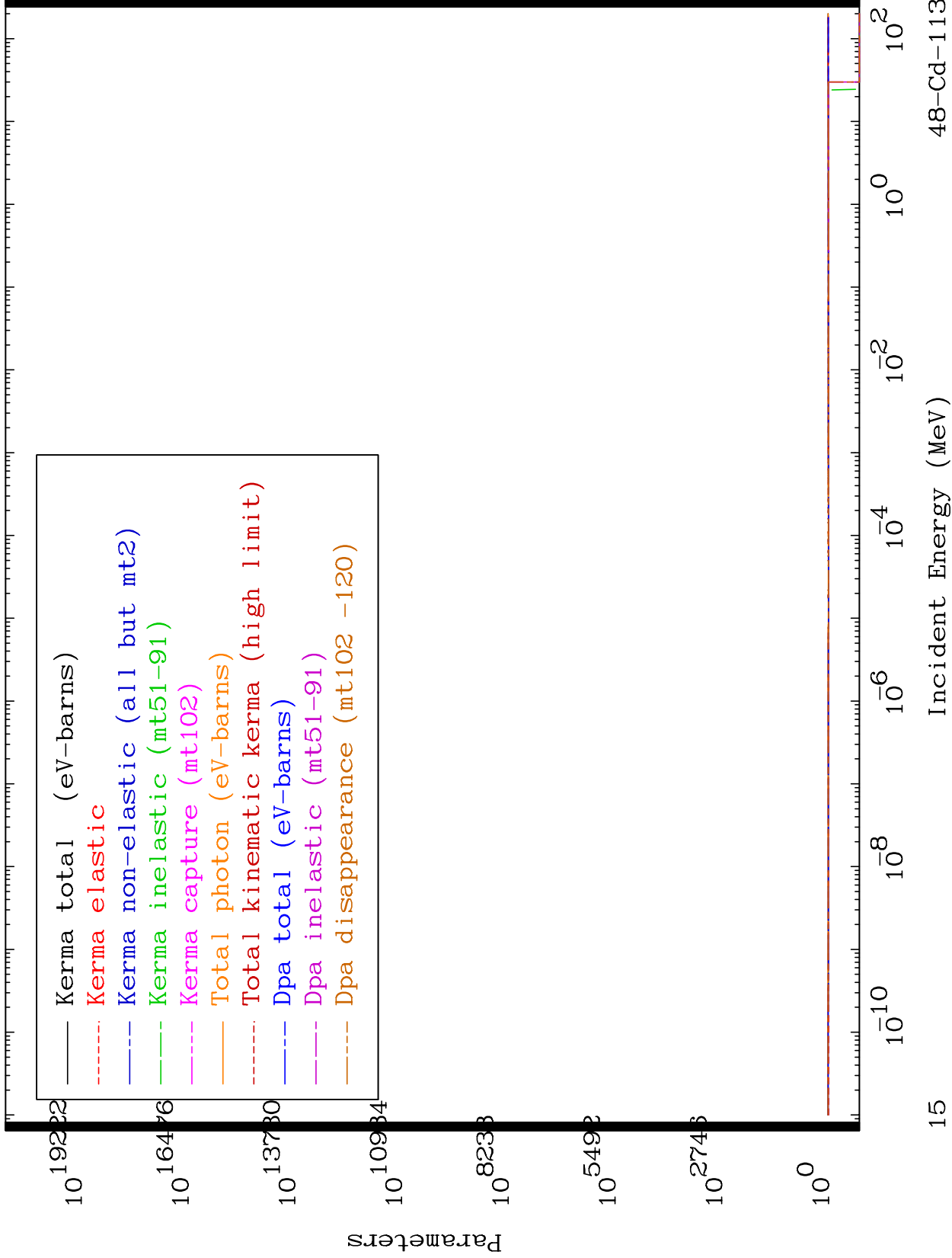
13

MAT 4846

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-113

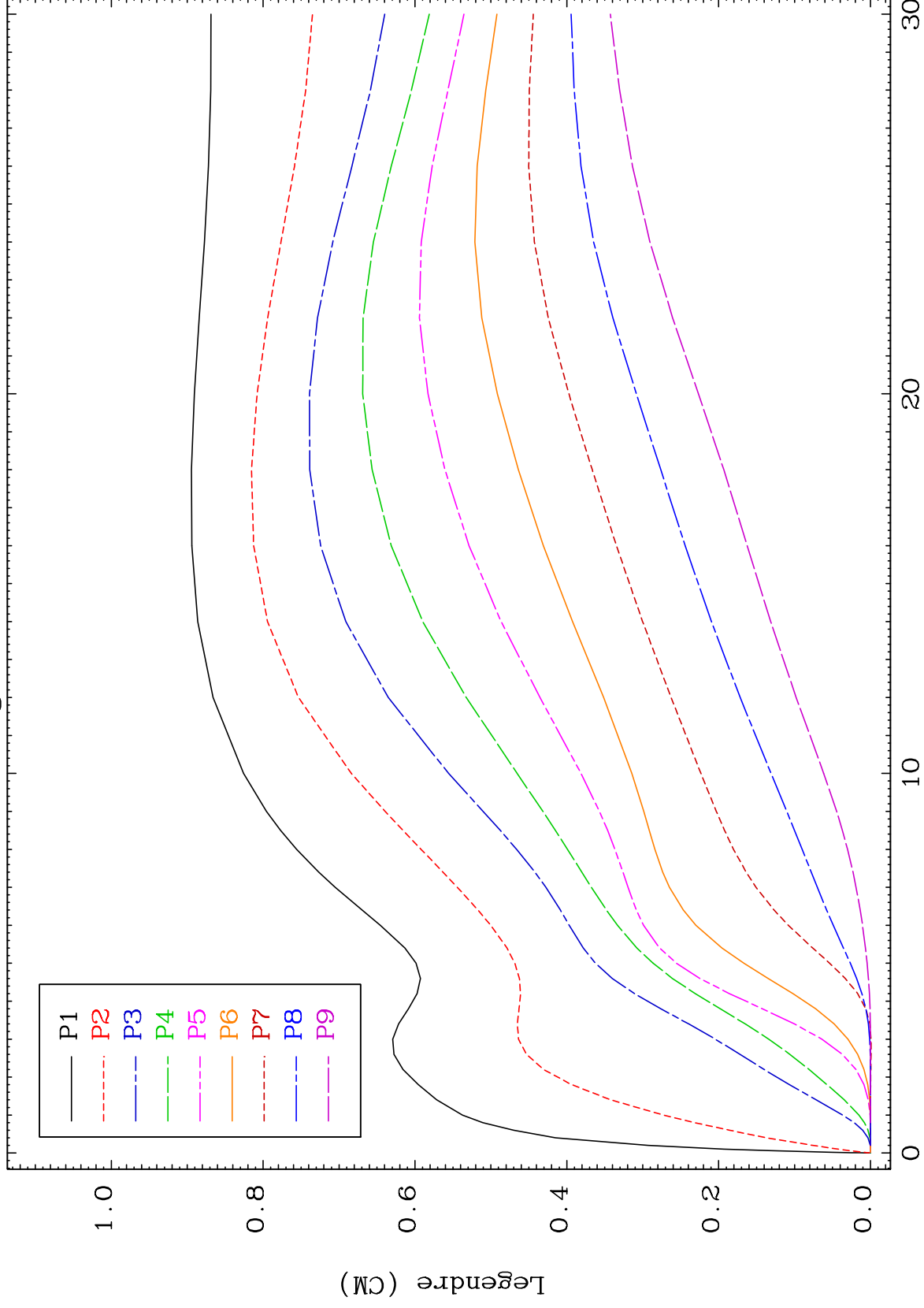




MAT 4846

Elastic Legendre Coefficients

48-Cd-113



16

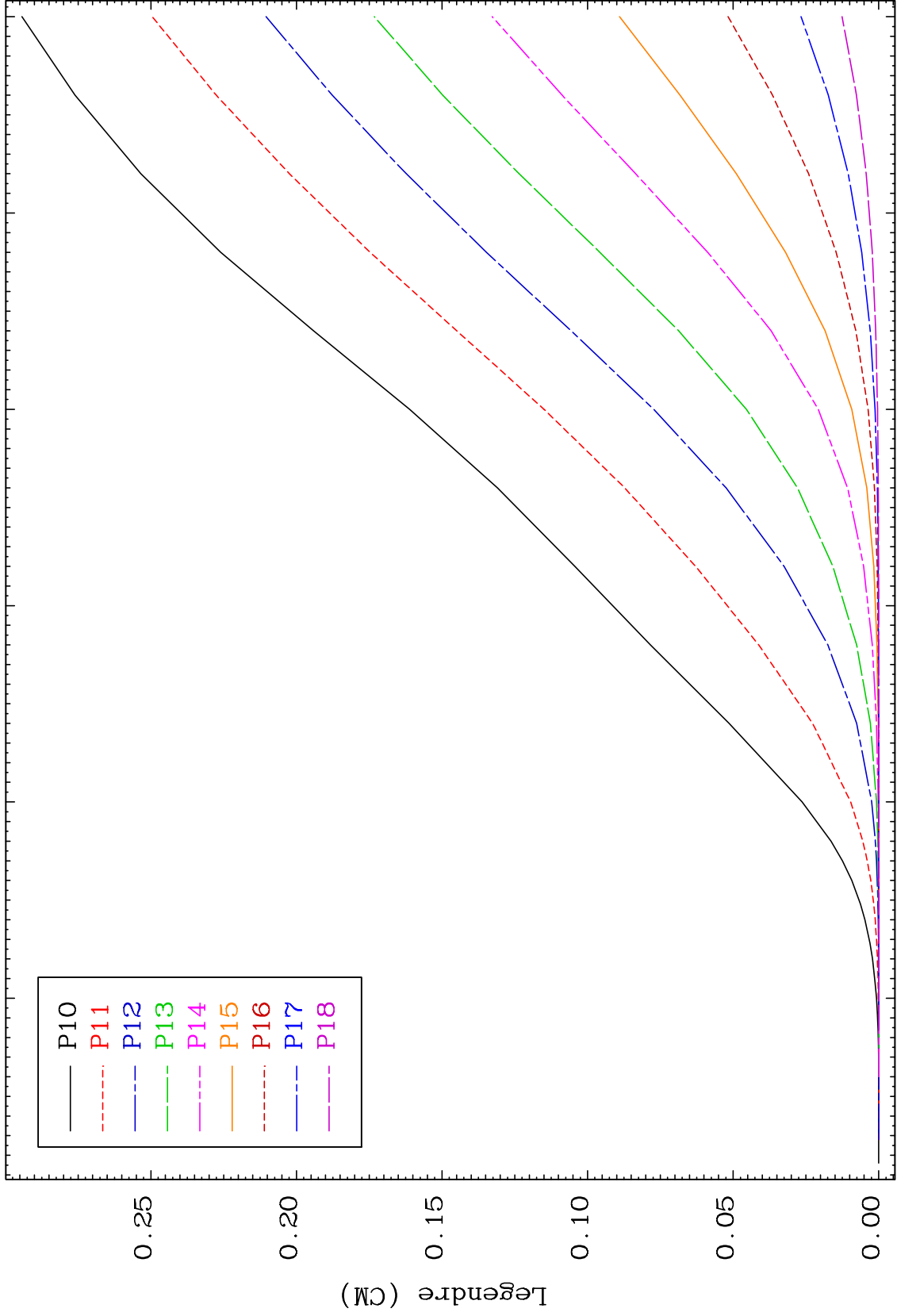
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic
Legendre Coefficients

48-Cd-113



17

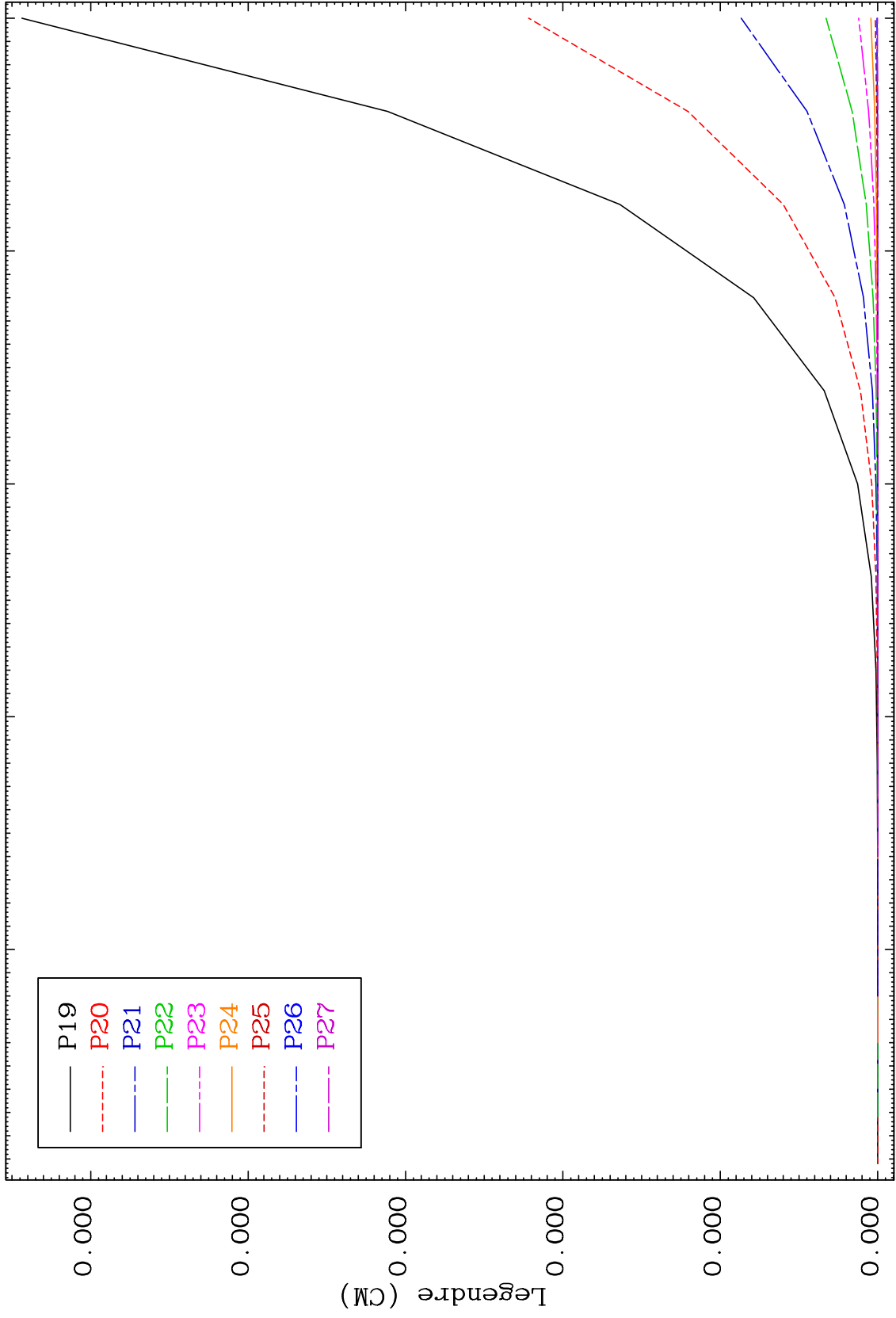
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



18

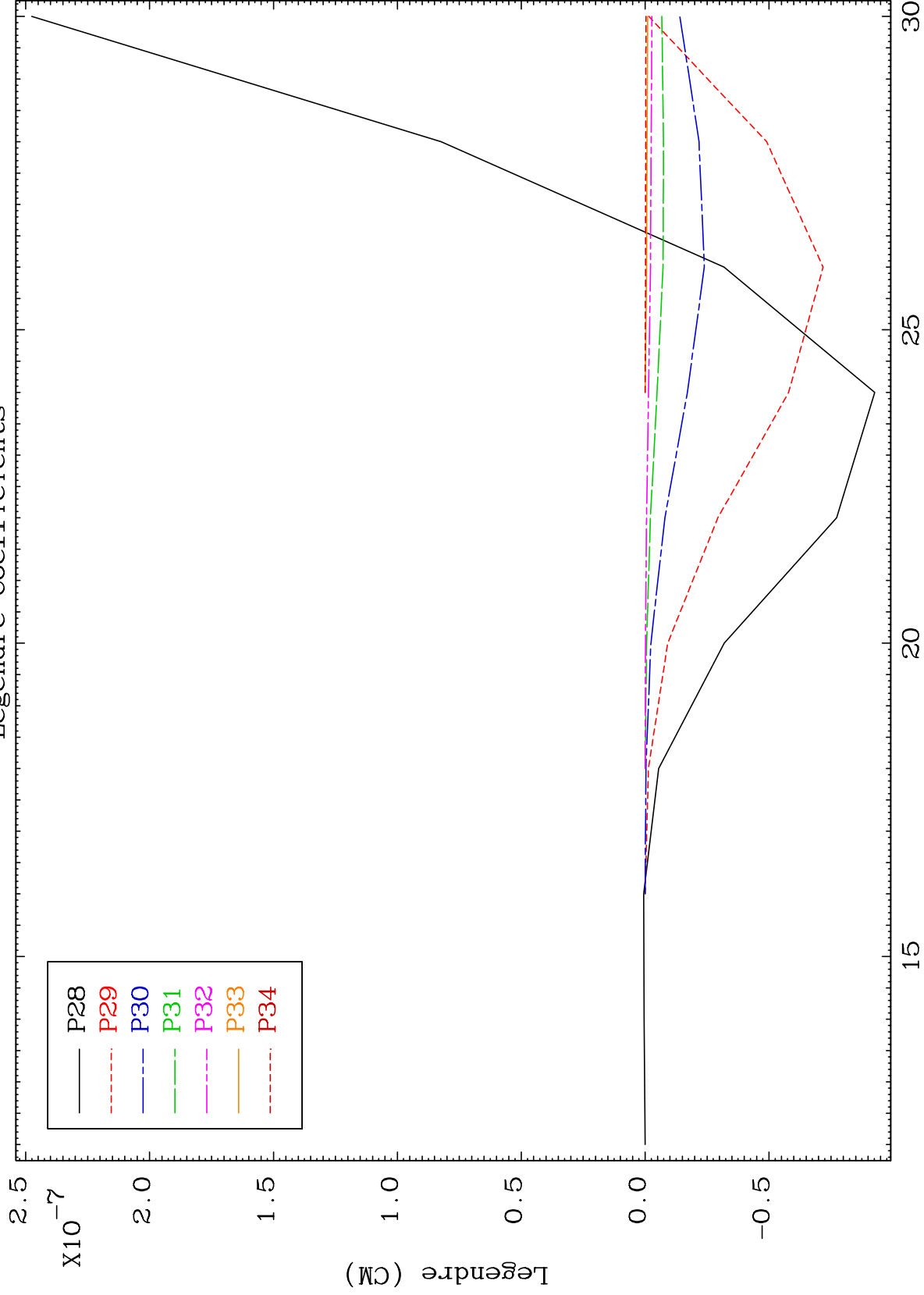
Incident Energy (MeV)

48-Cd-113

MAT 4846

Elastic Legendre Coefficients

48-Cd-113



19

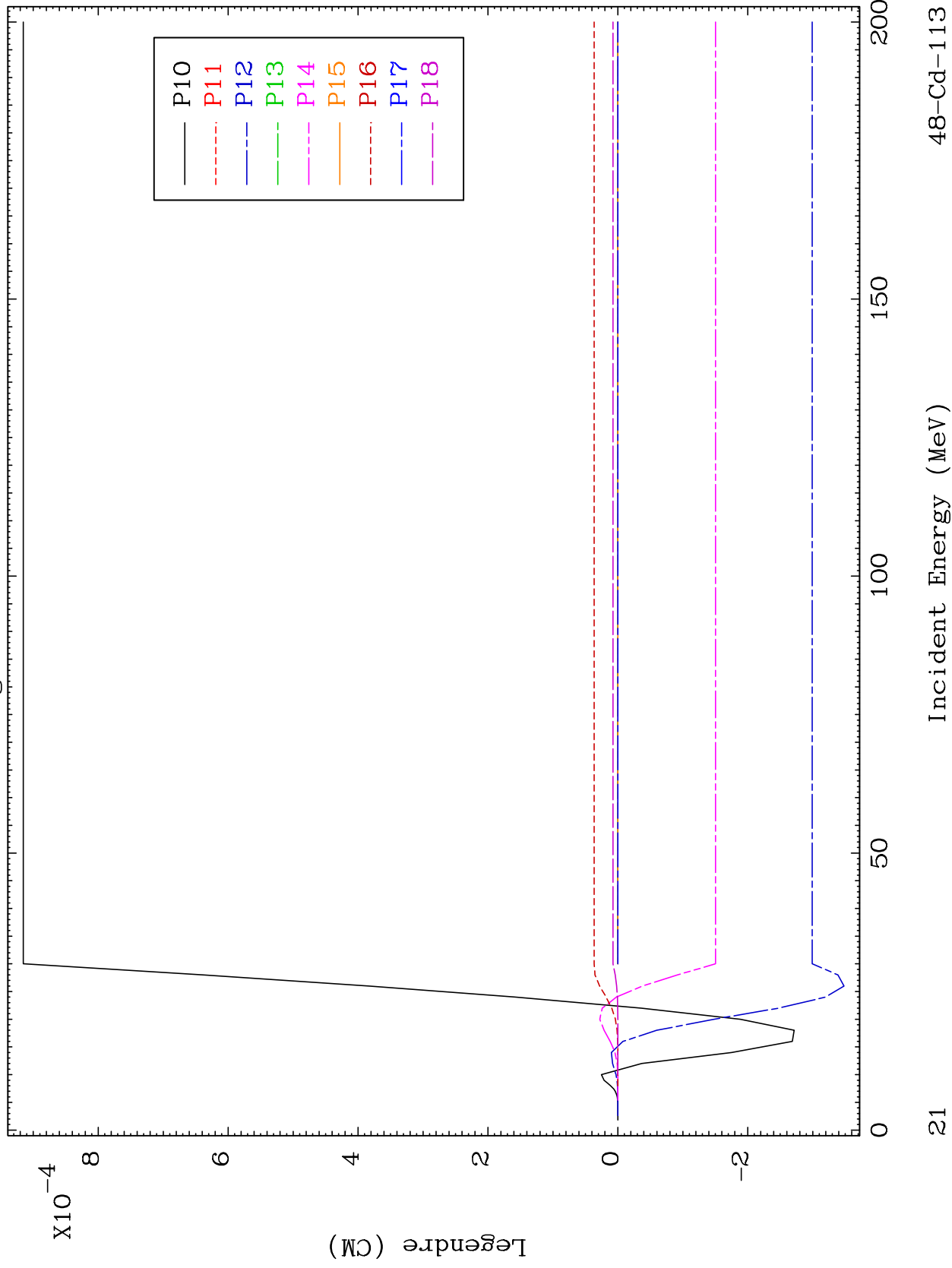
Incident Energy (MeV)

48-Cd-113

MAT 4846

263.5 keV (n,n') Level
Legendre Coefficients

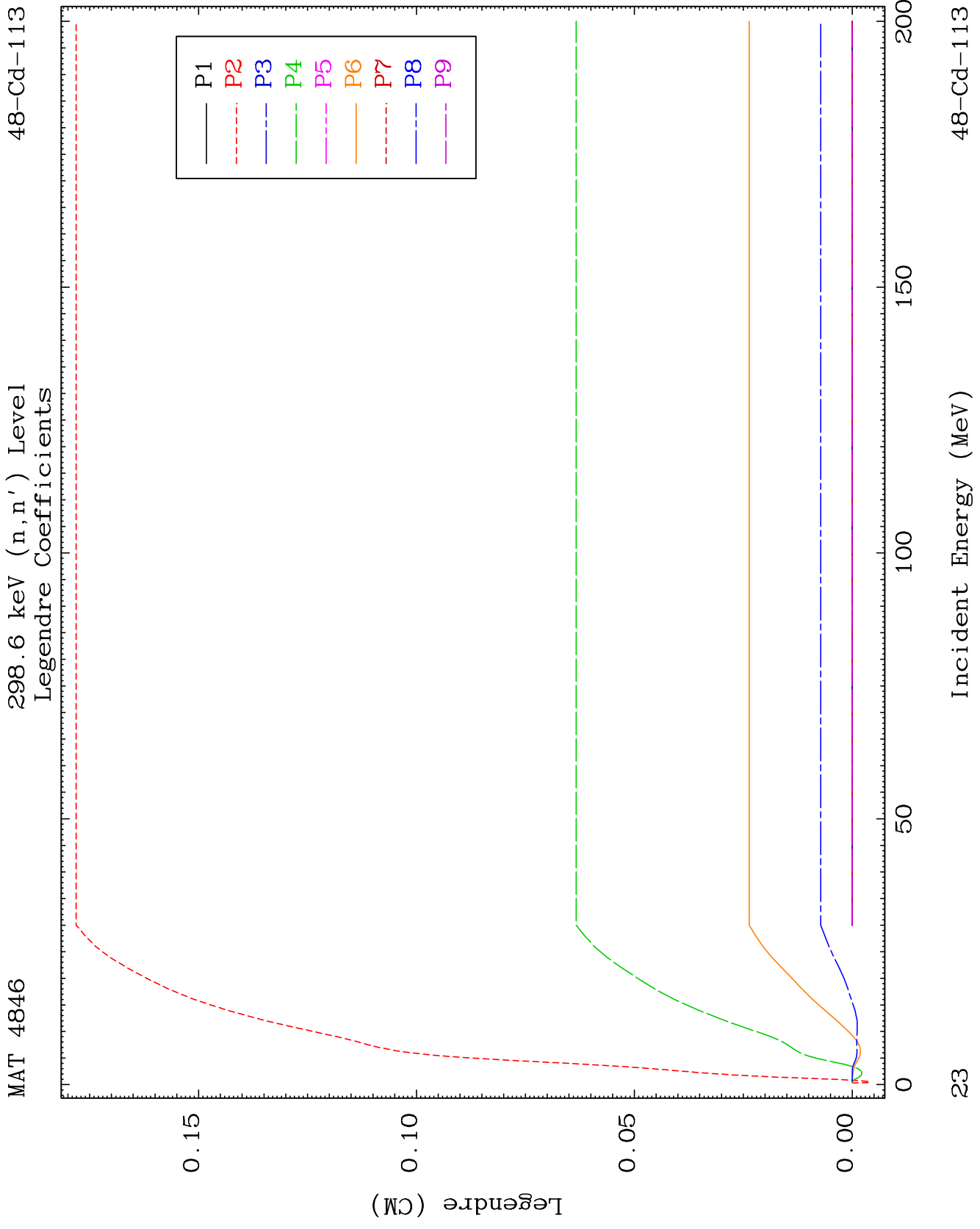
48-Cd-113



21

Incident Energy (MeV)

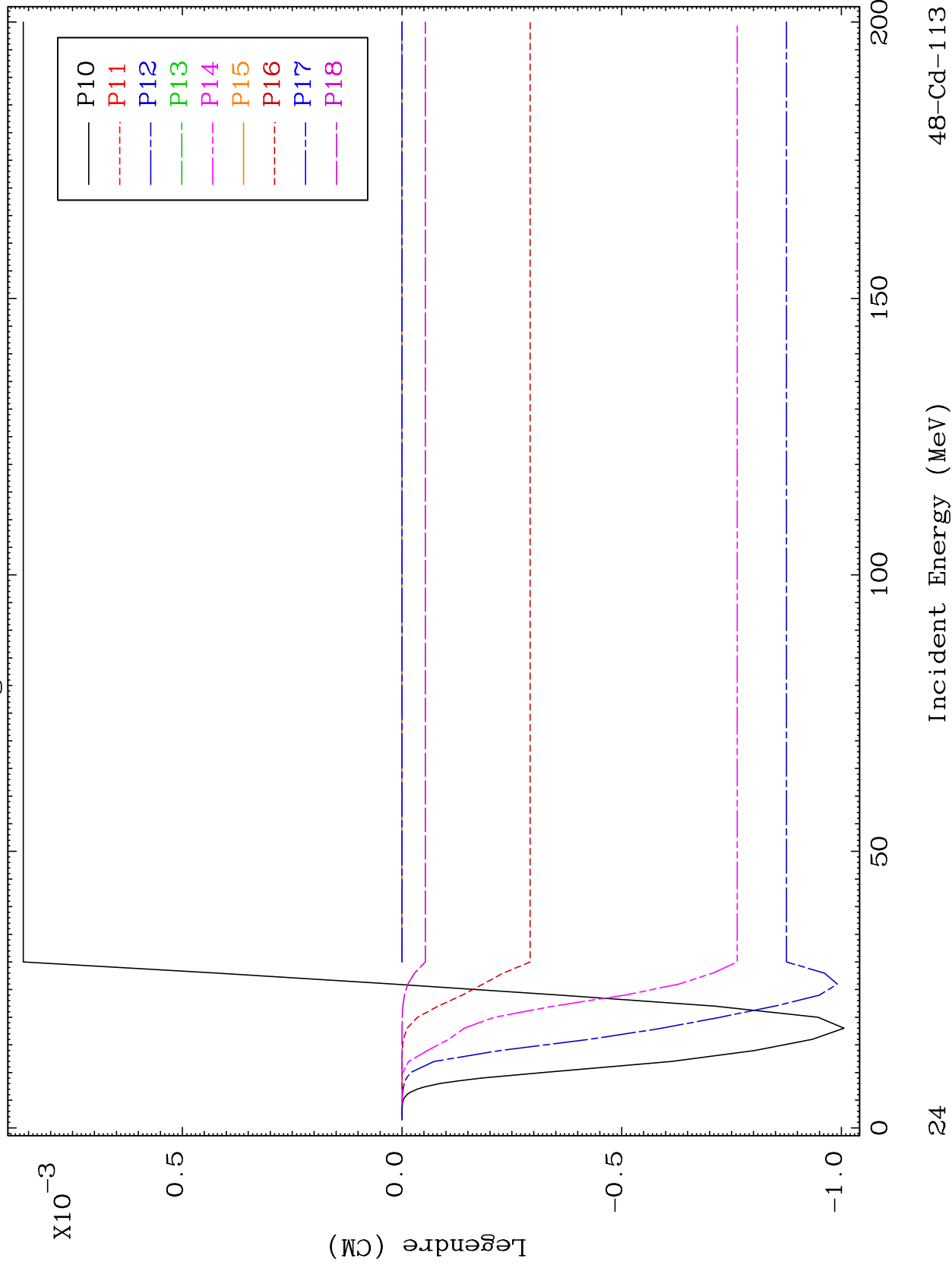
48-Cd-113



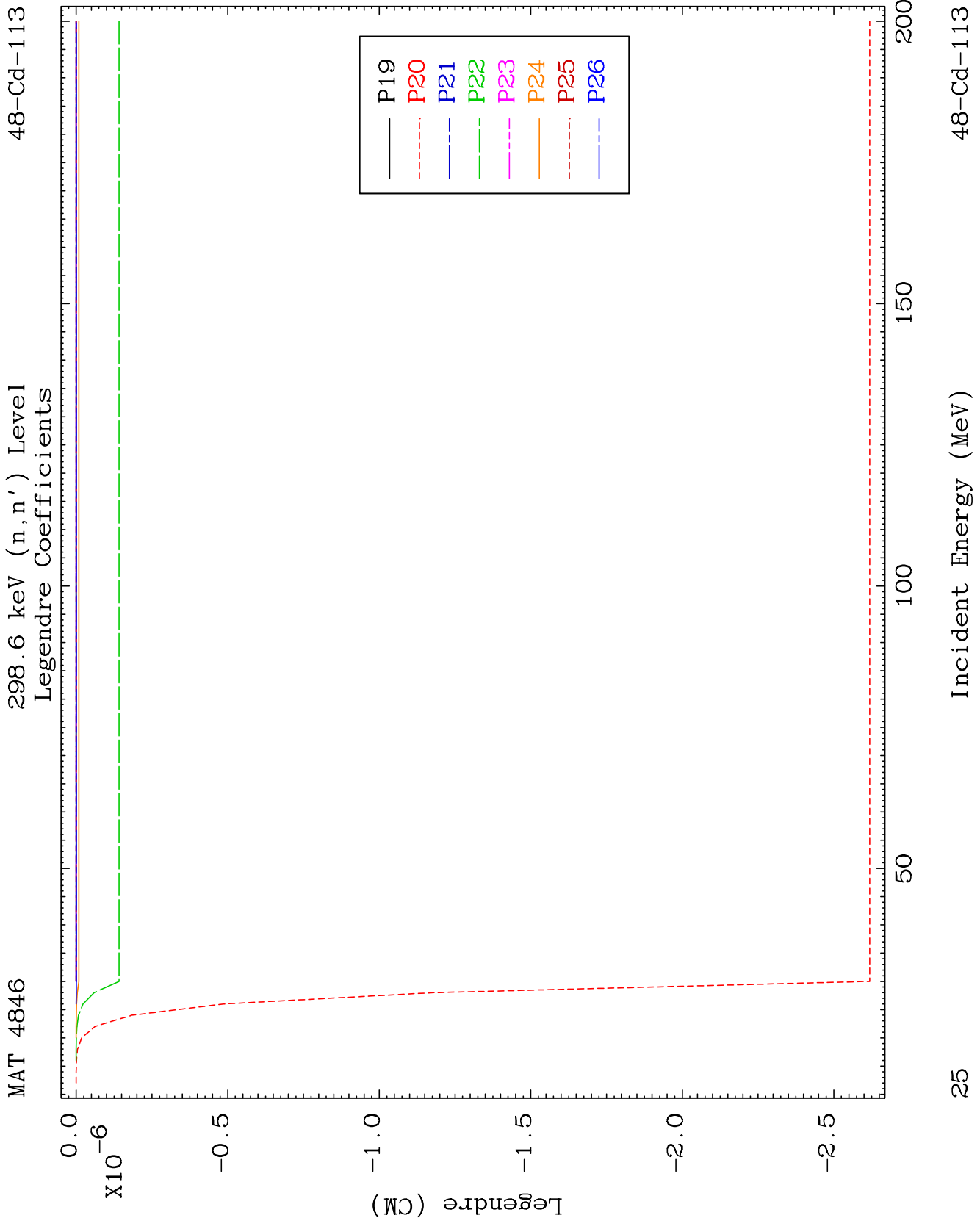
MAT 4846

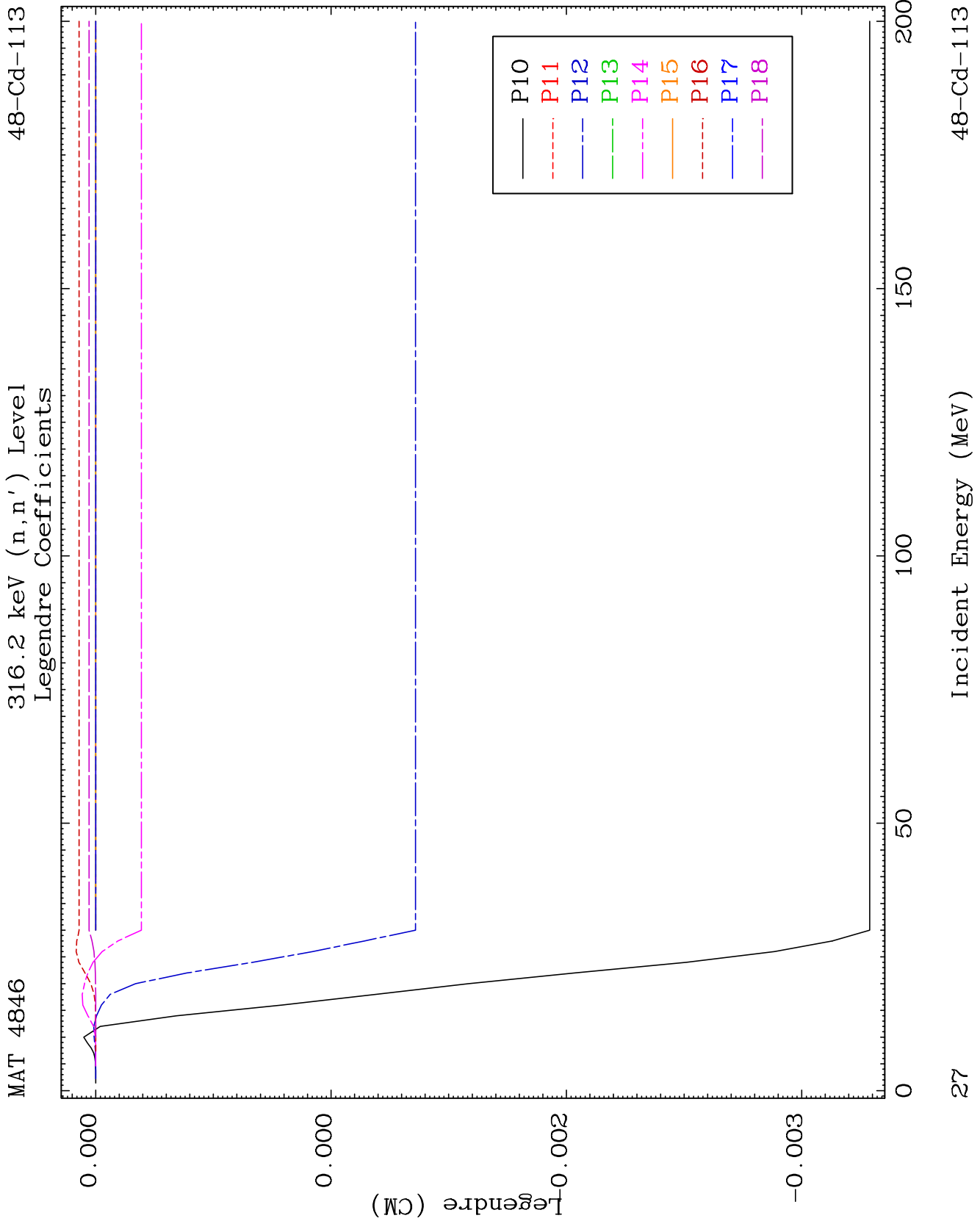
298.6 keV (n,n') Level
Legendre Coefficients

48-Cd-113



48-Cd-113

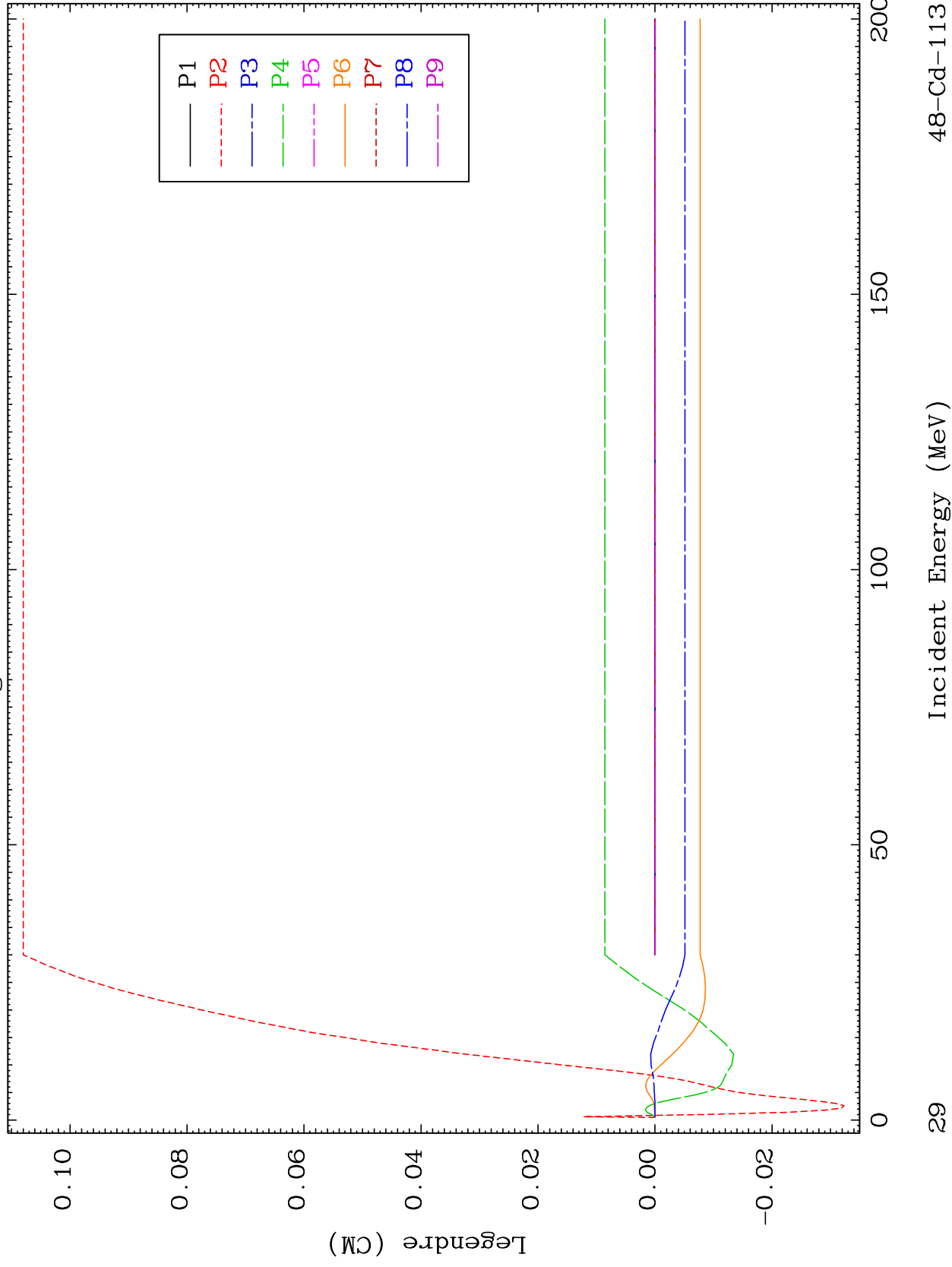




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458.6 keV (n,n') Level
Legendre Coefficients

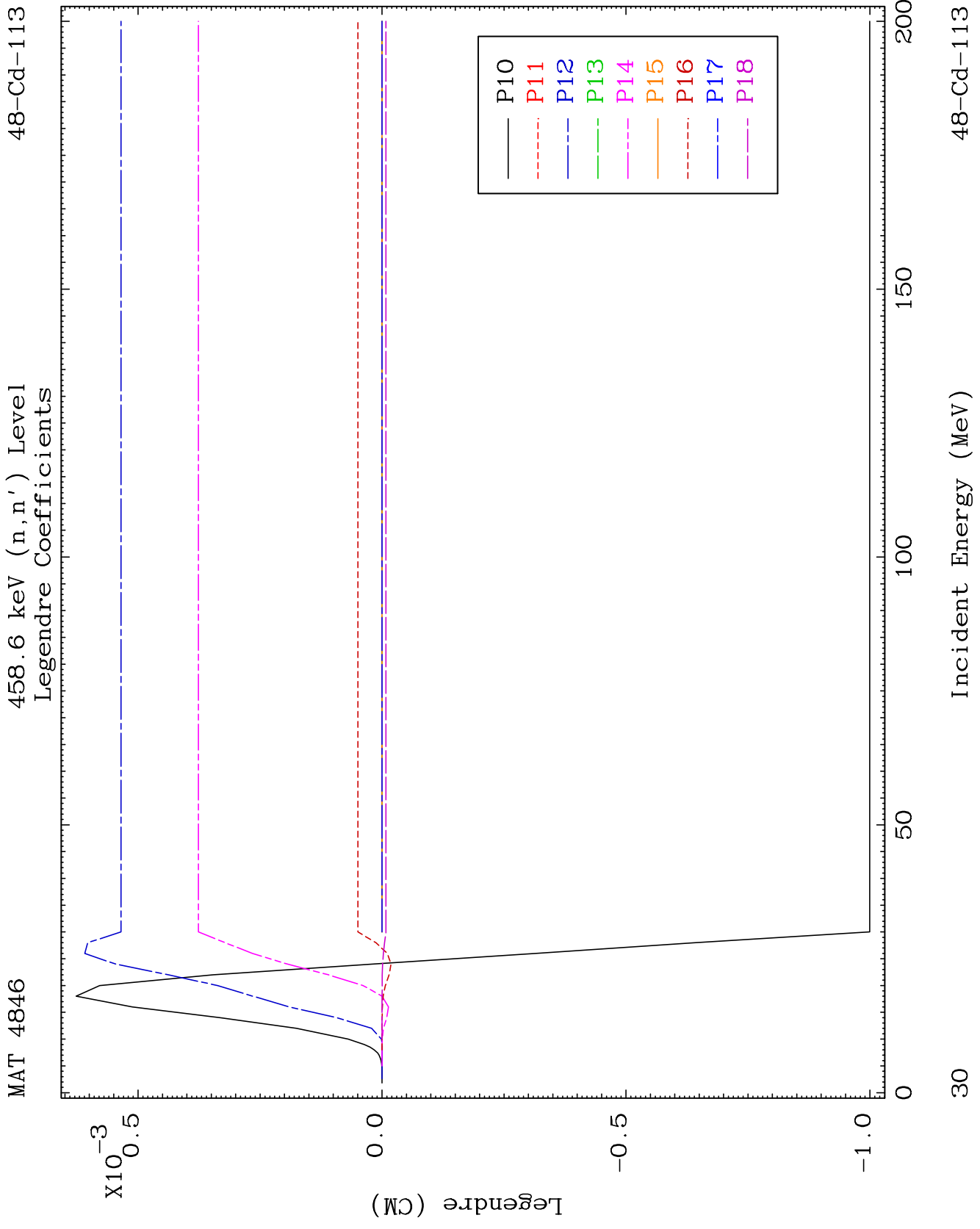
48-Cd-113

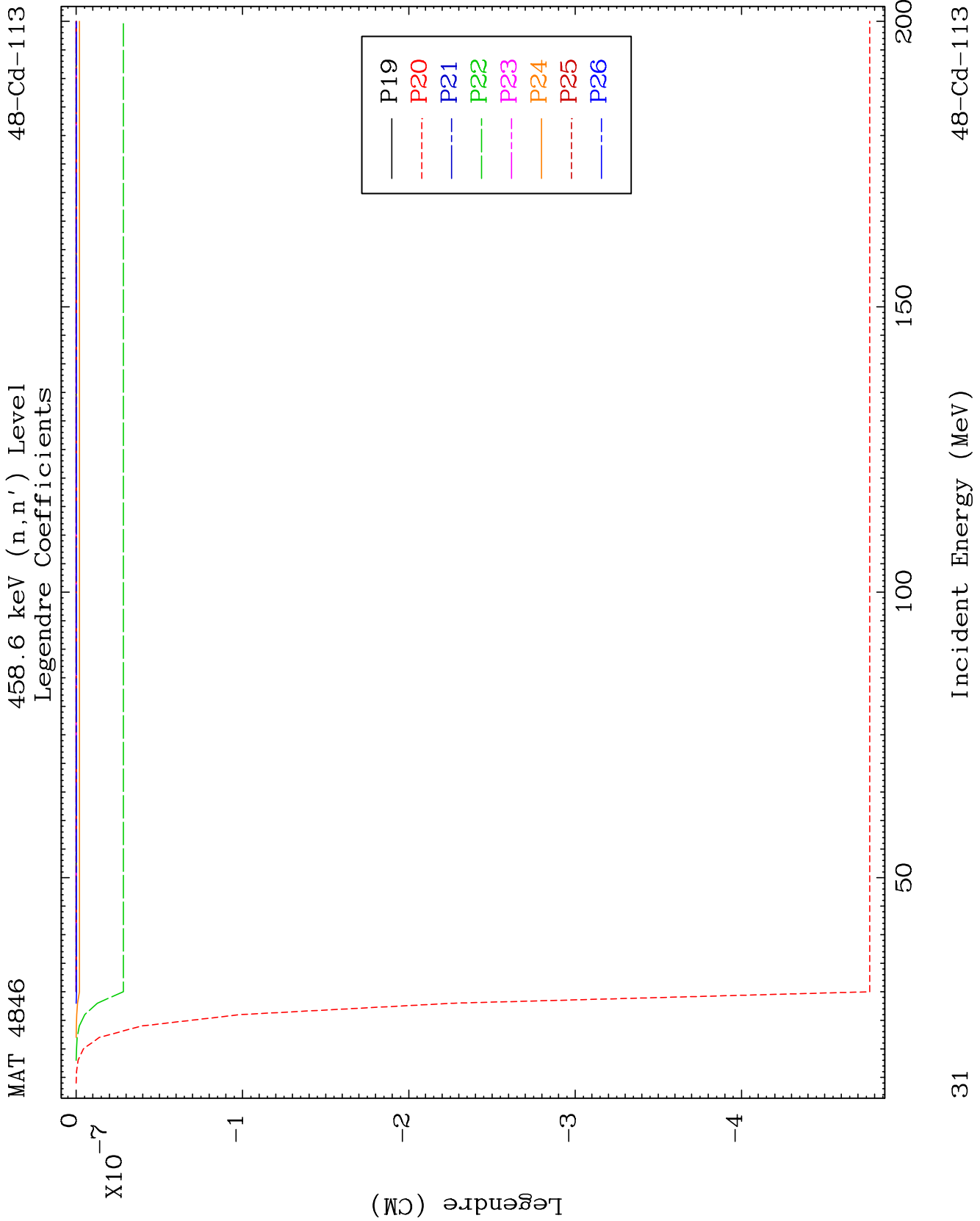


48-Cd-113

Incident Energy (MeV)

29

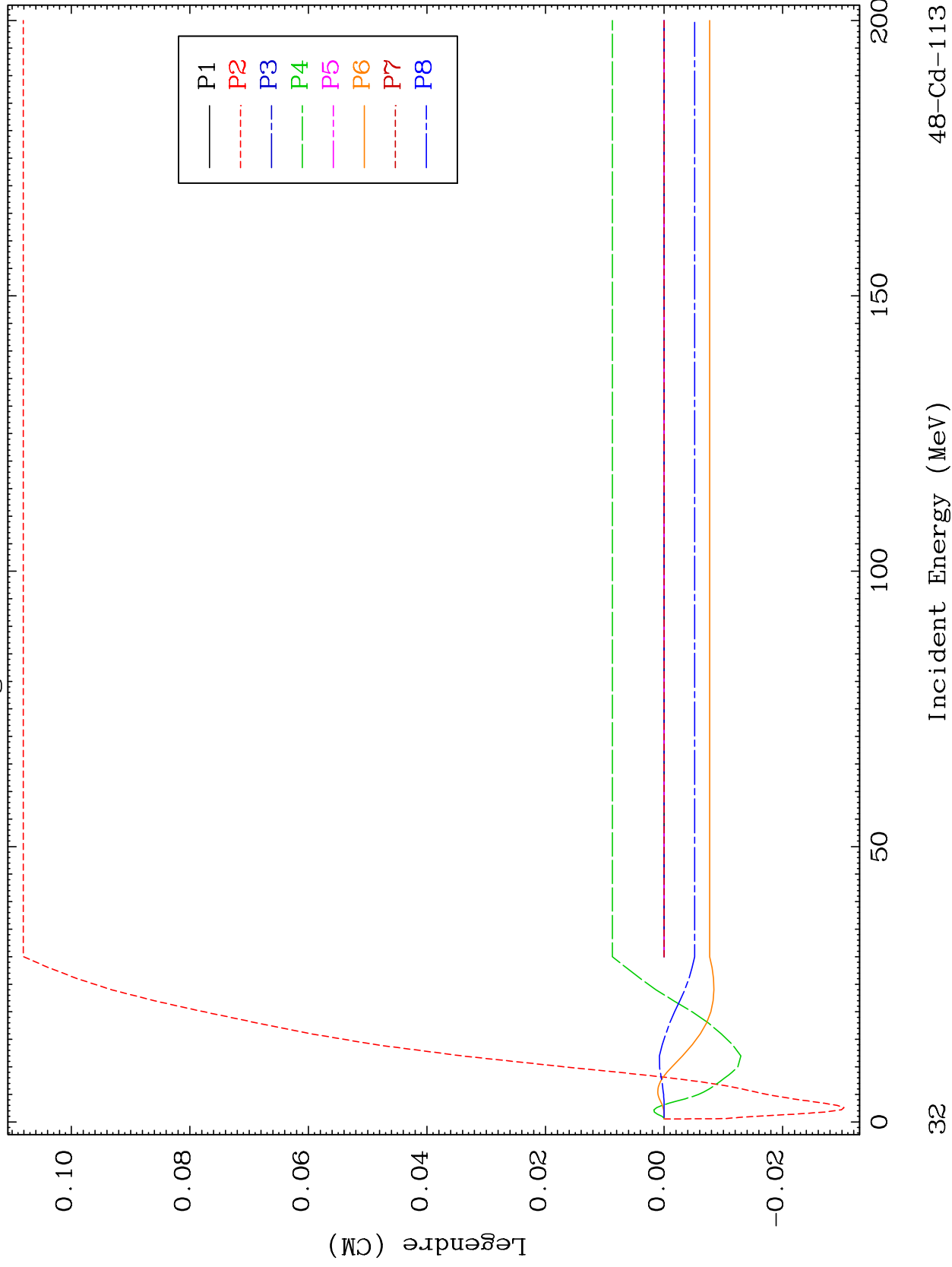




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522.3 keV (n, n') Level
Legendre Coefficients

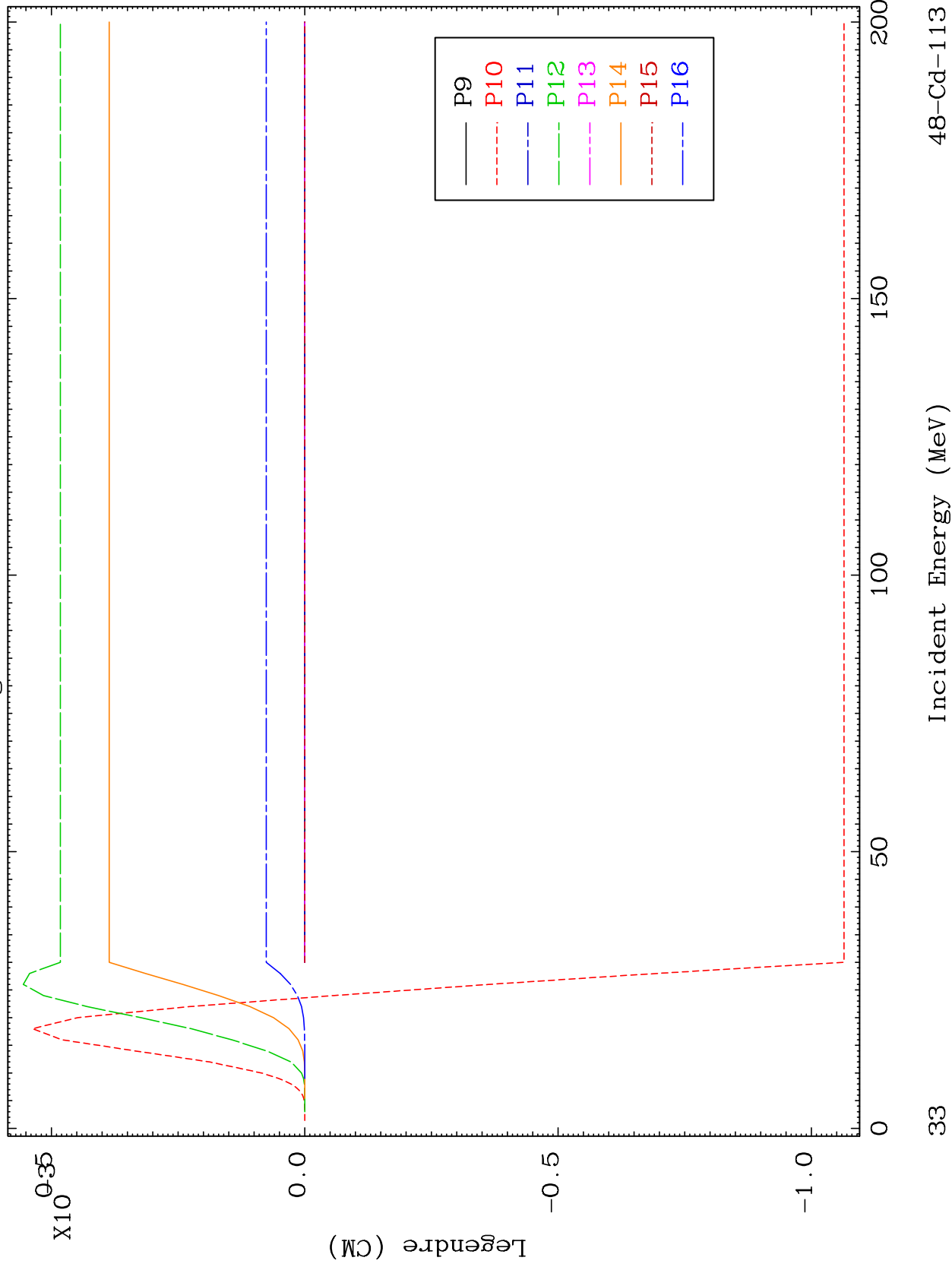
48-Cd-113



MAT 4846

522.3 keV (n,n') Level
Legendre Coefficients

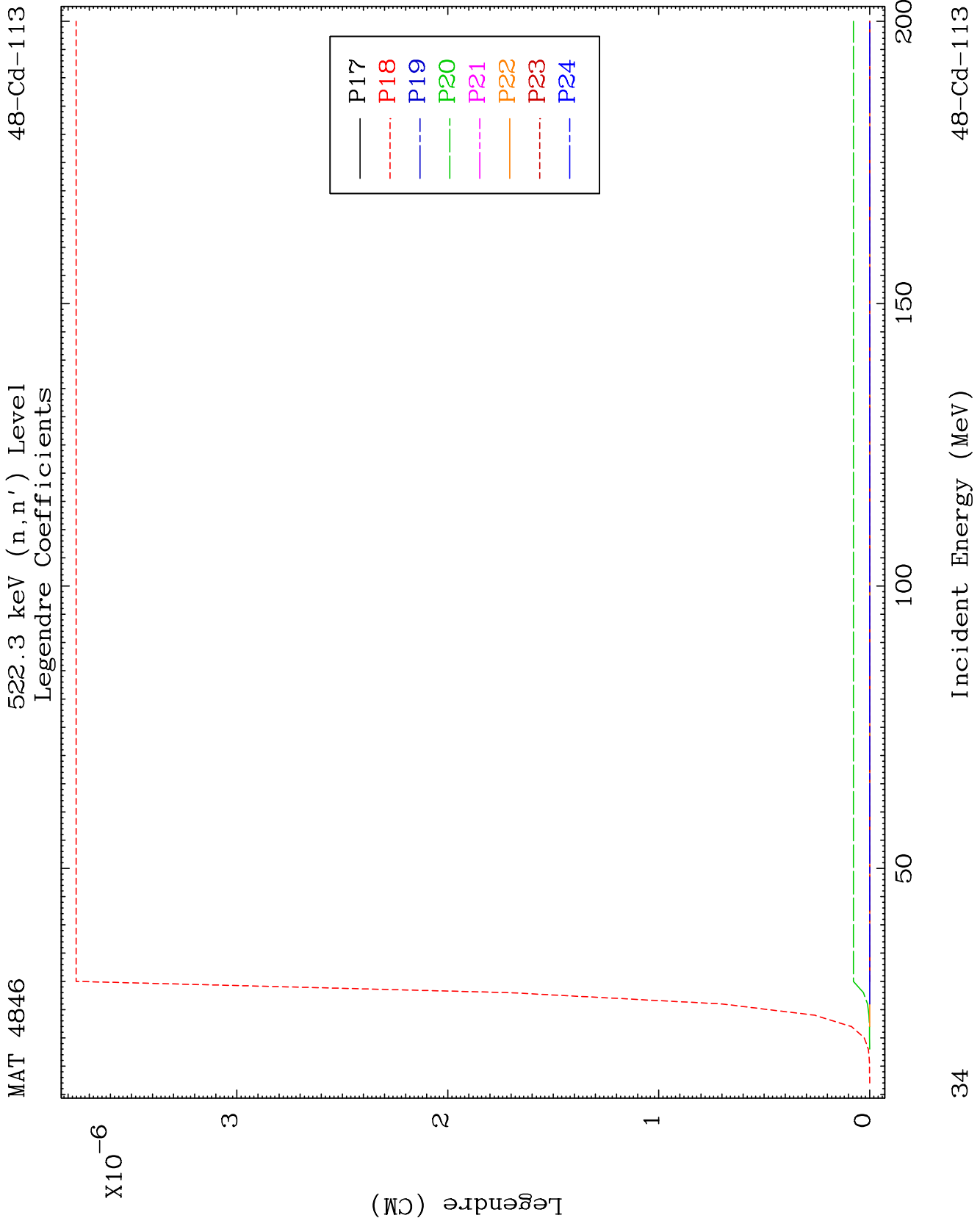
48-Cd-113

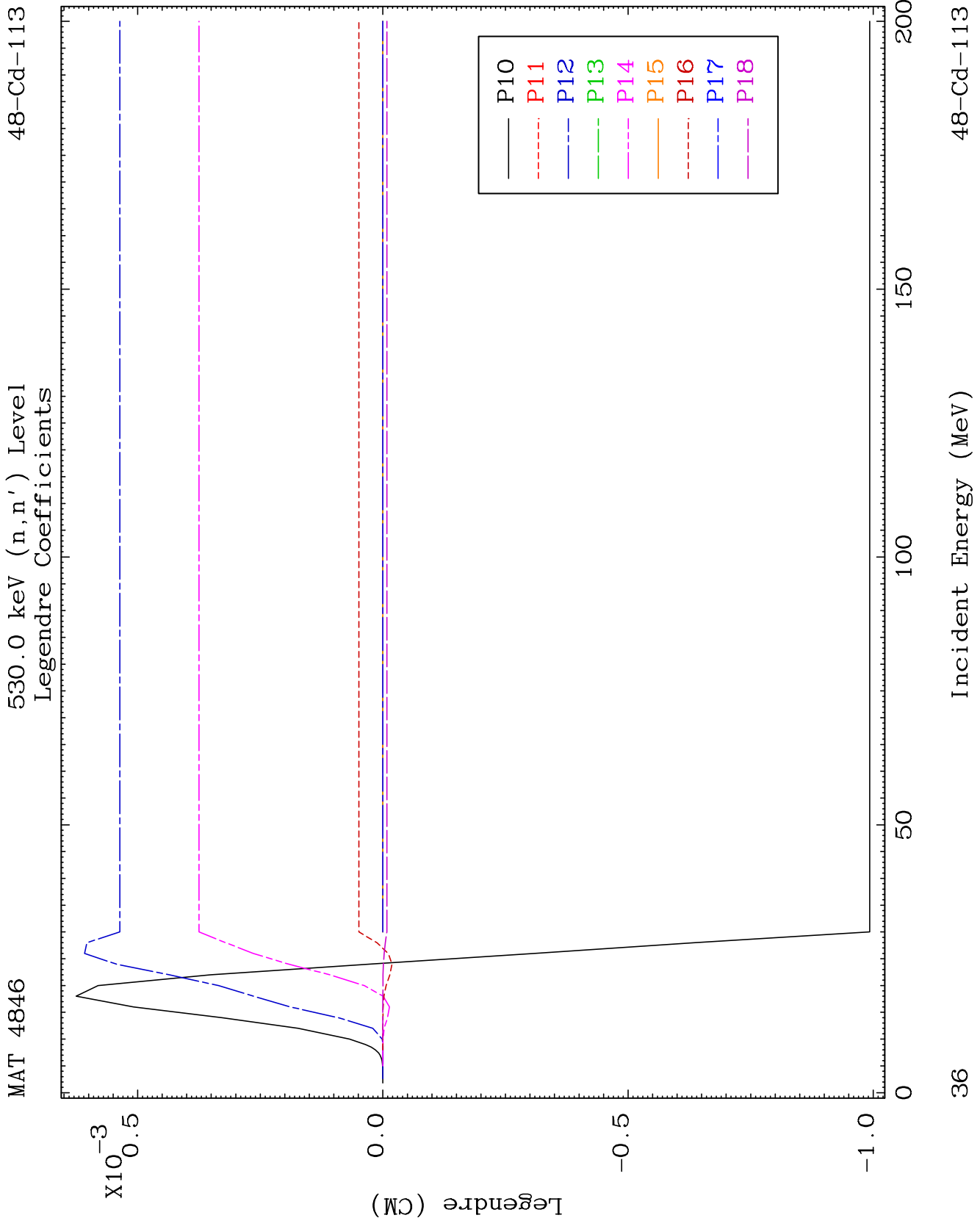


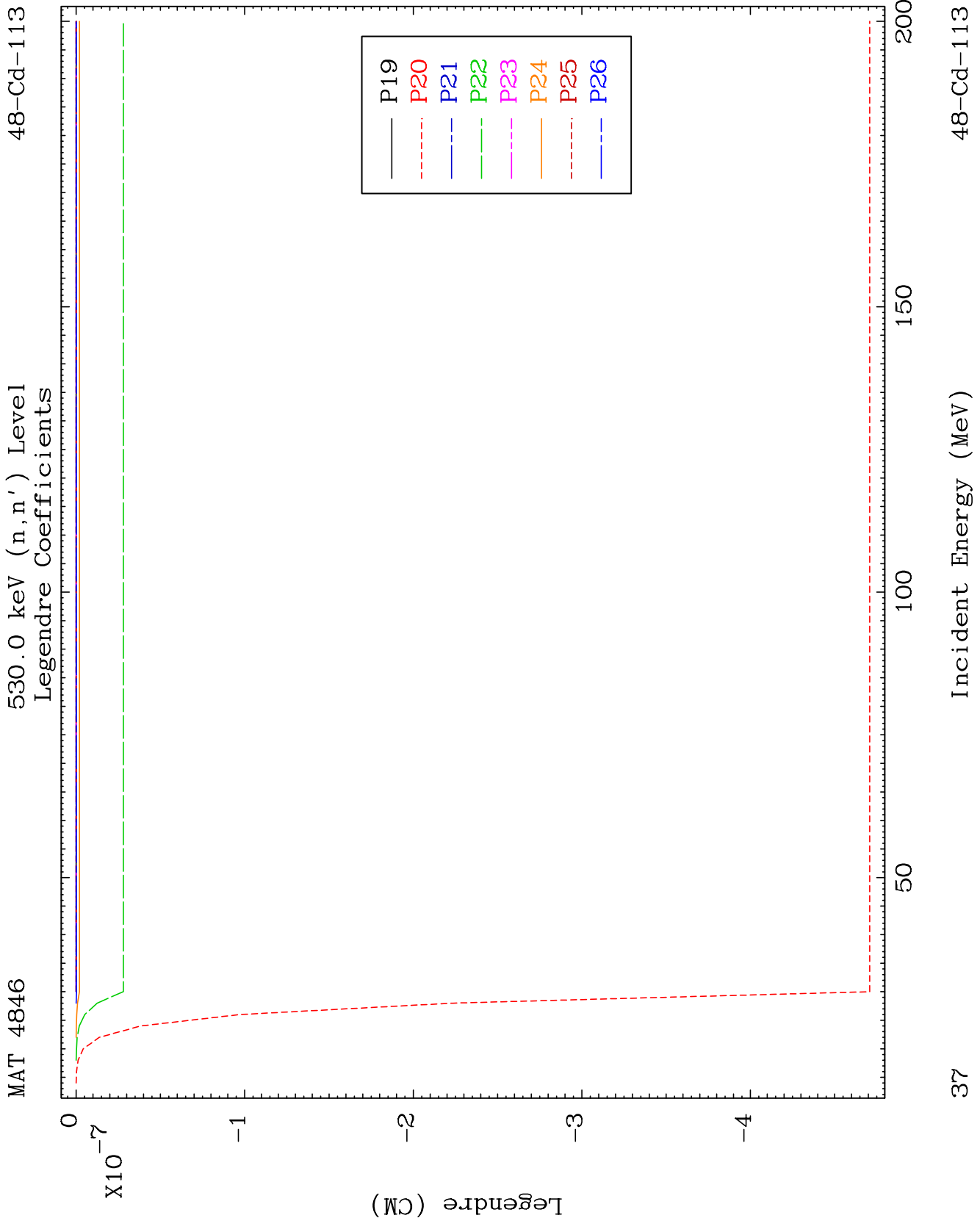
48-Cd-113

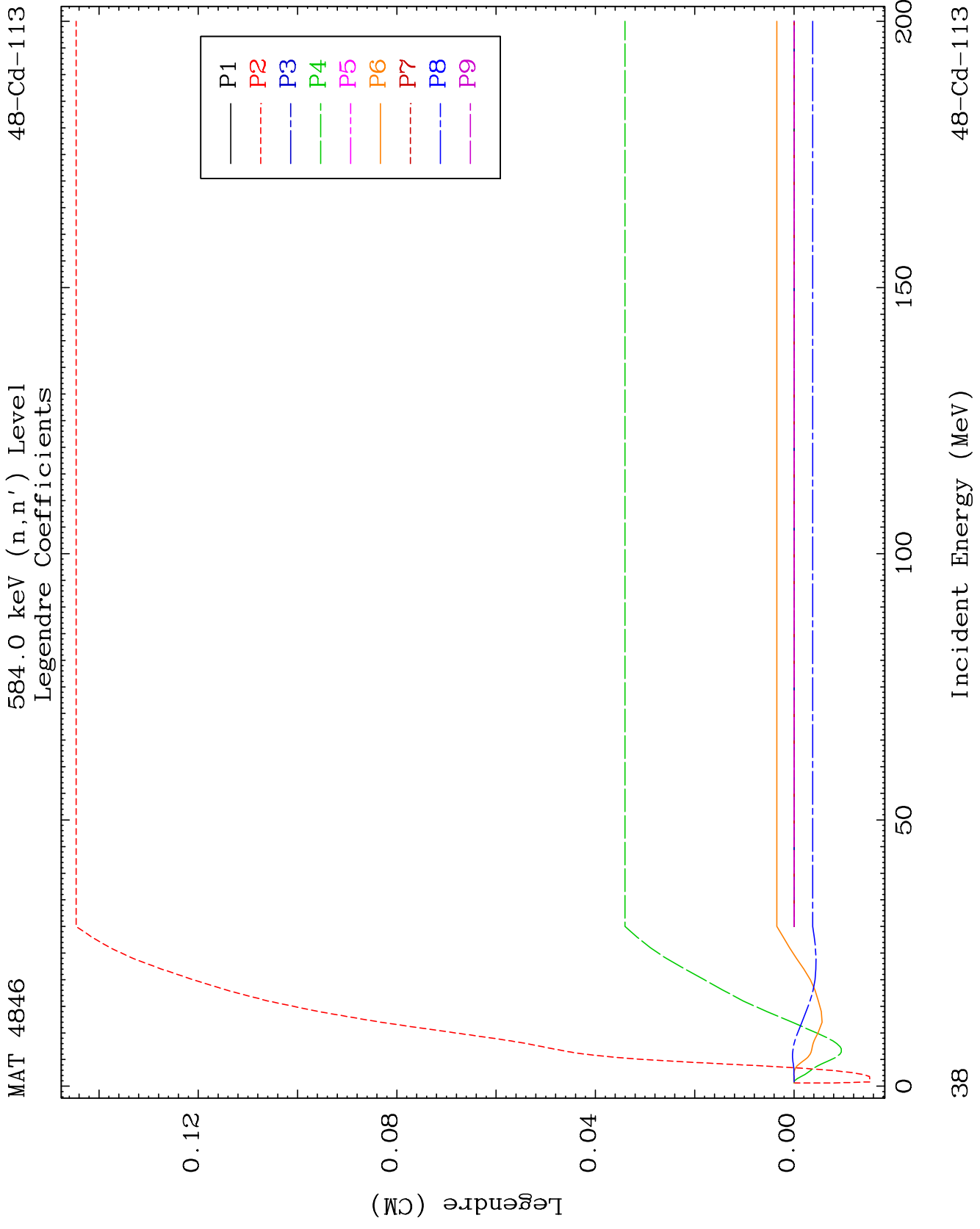
Incident Energy (MeV)

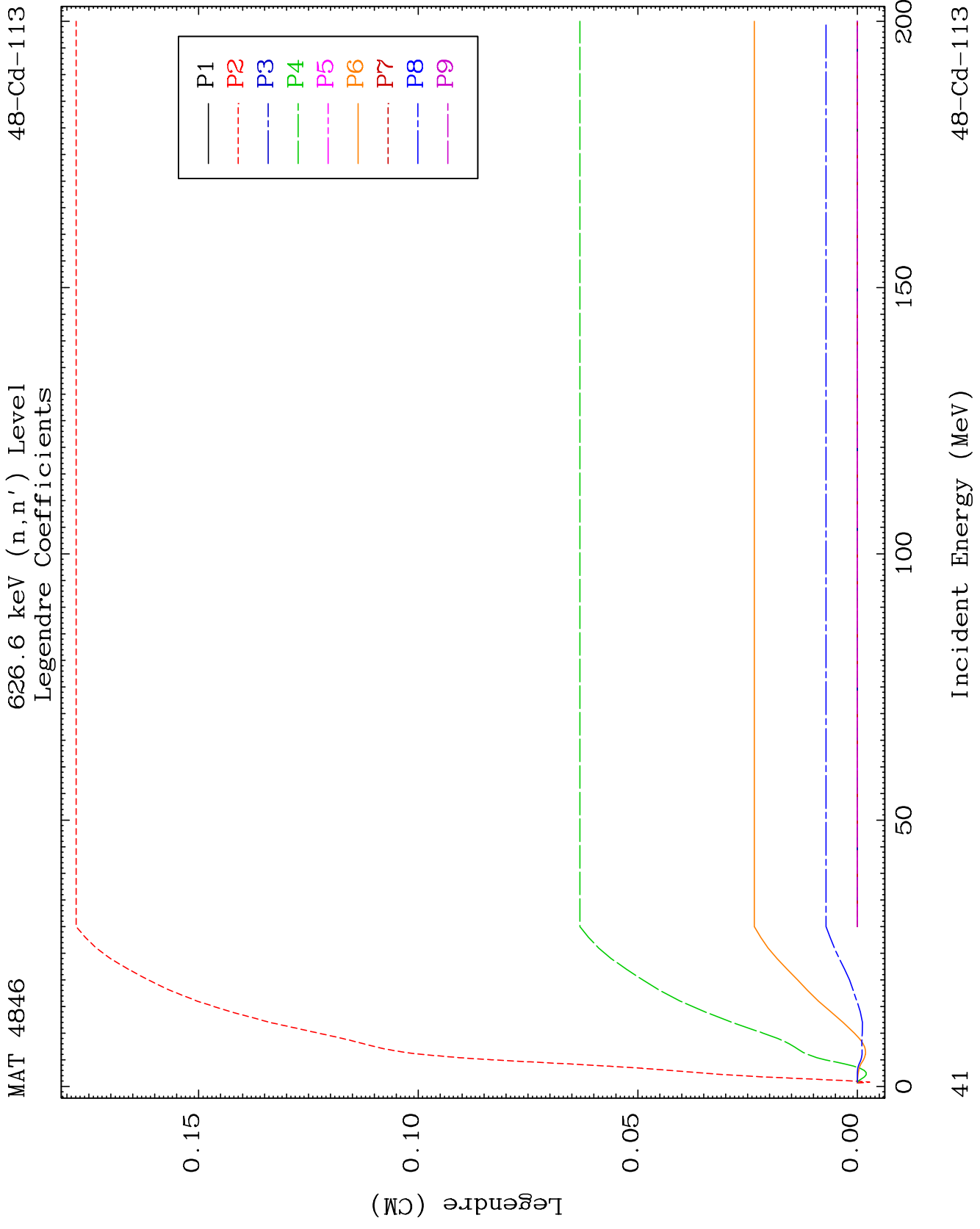
33







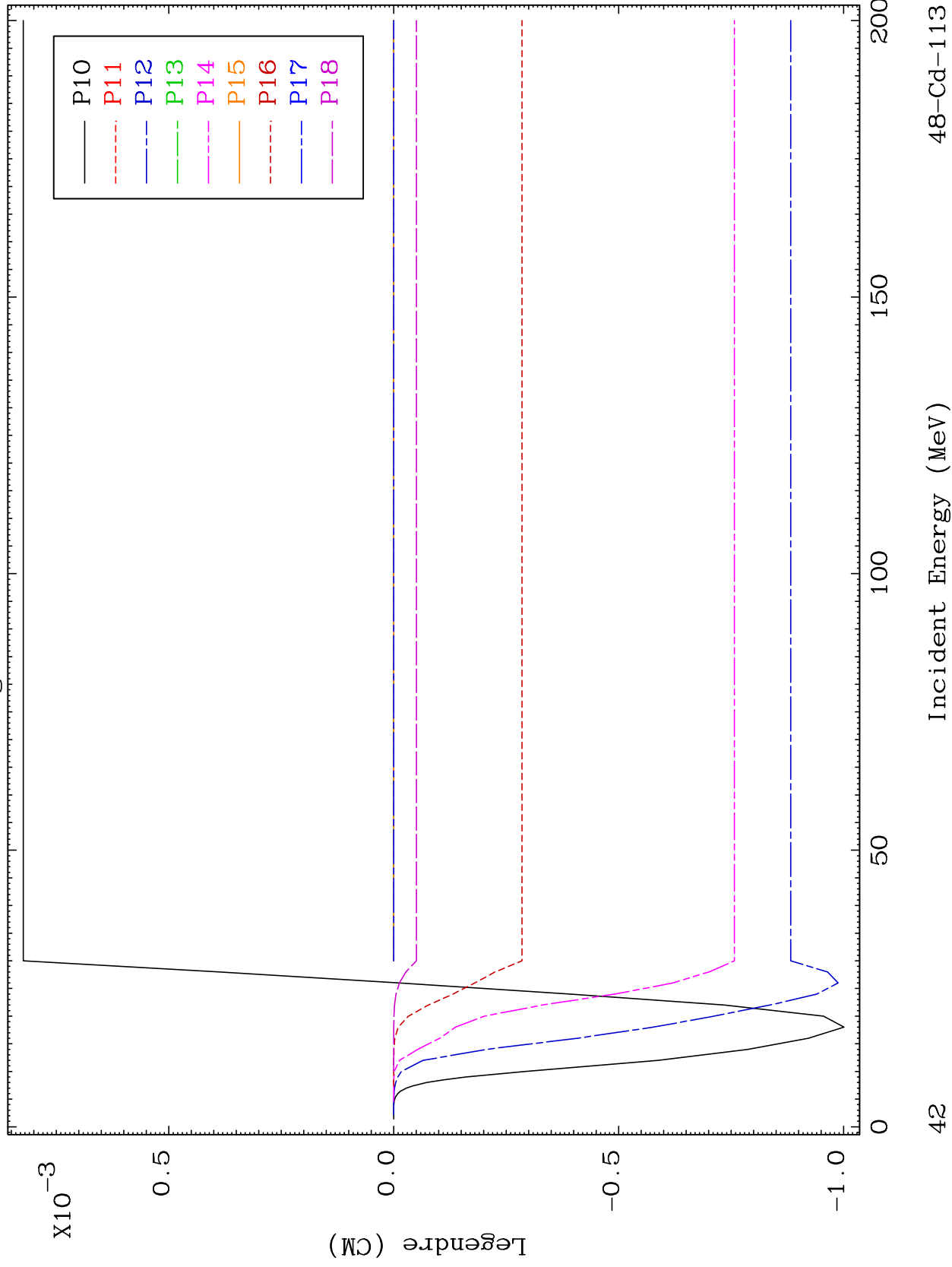




MAT 4846

626.6 keV (n,n') Level
Legendre Coefficients

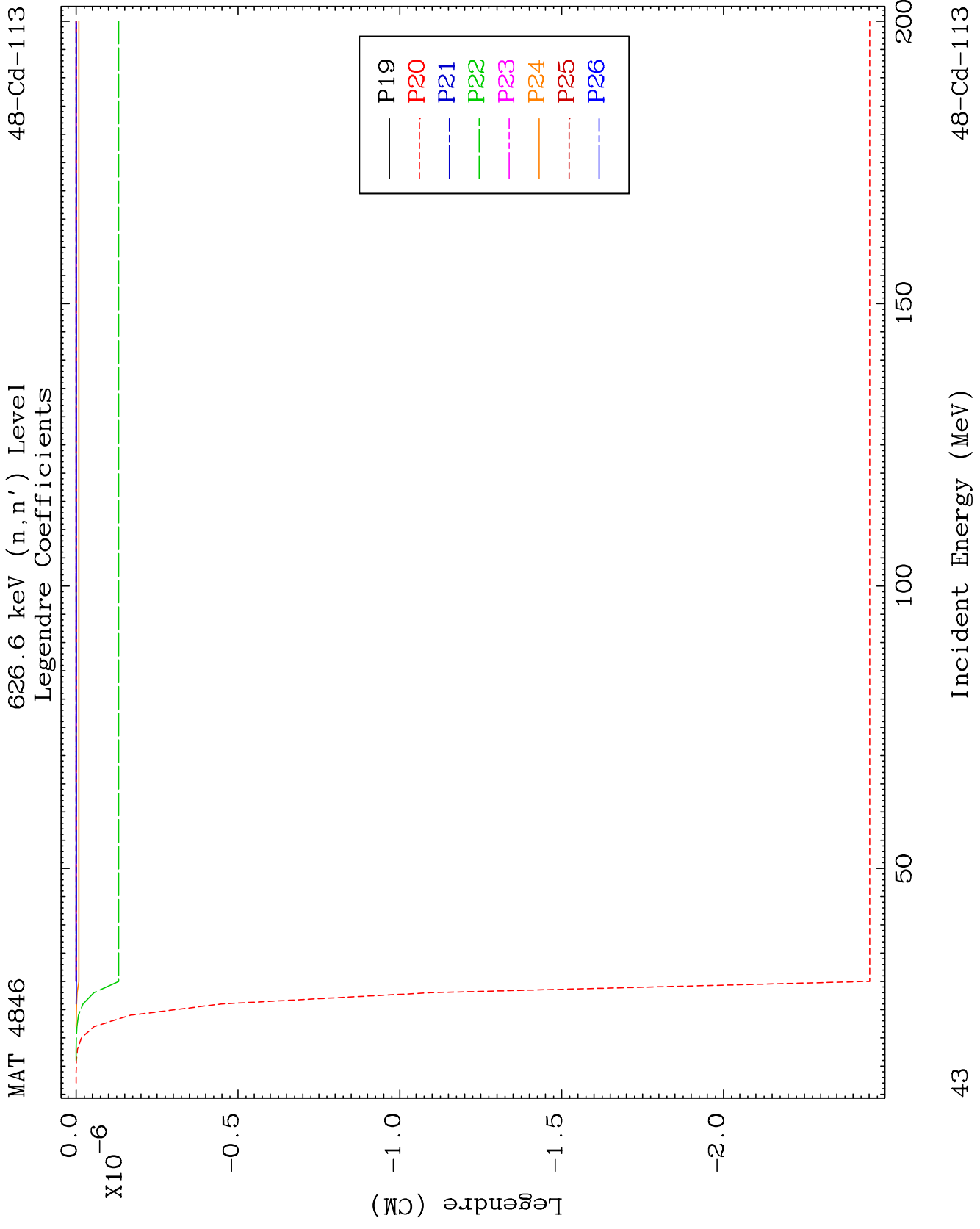
48-Cd-113



42

Incident Energy (MeV)

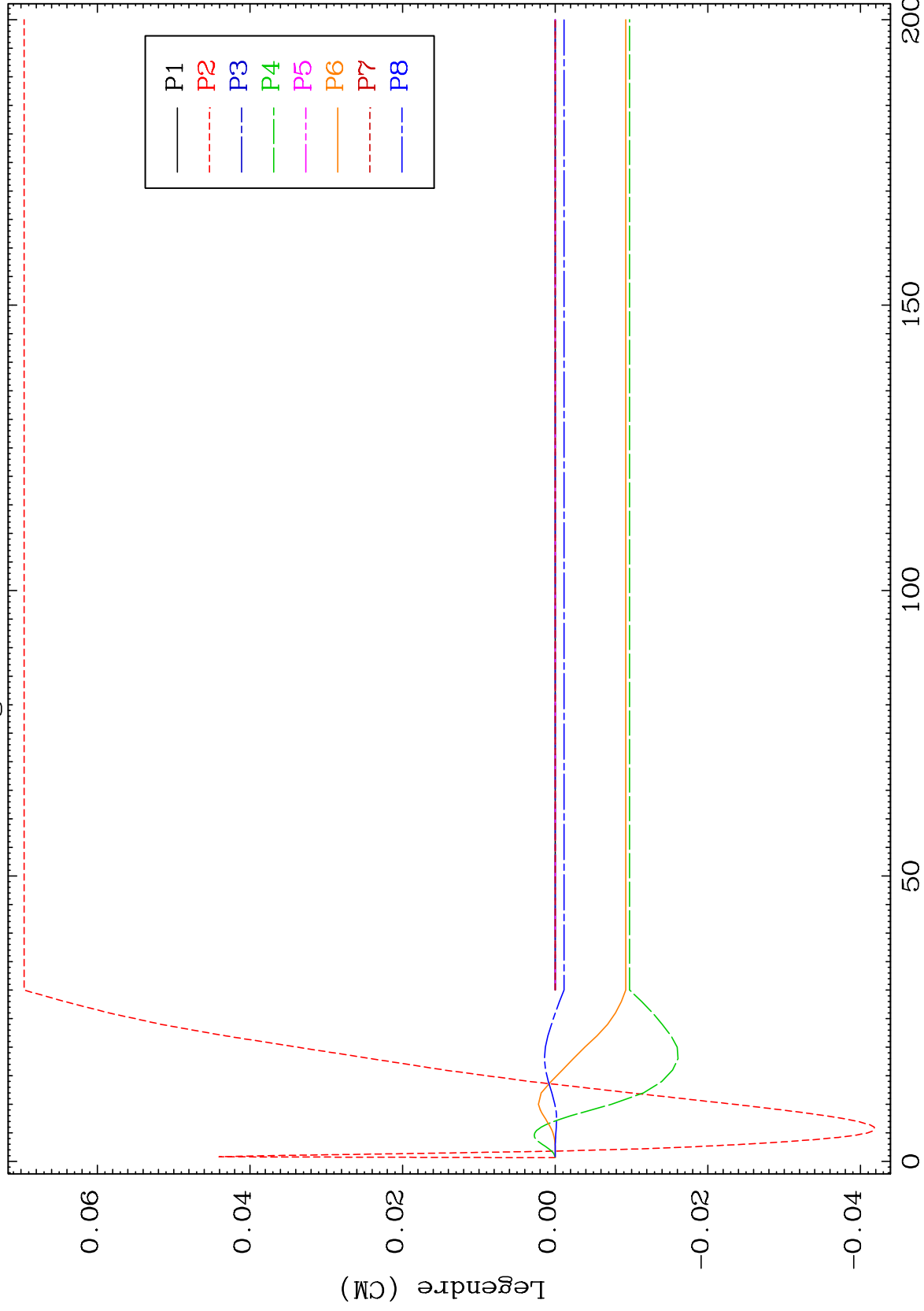
48-Cd-113



MAT 4846

638.2 keV (n,n') Level
Legendre Coefficients

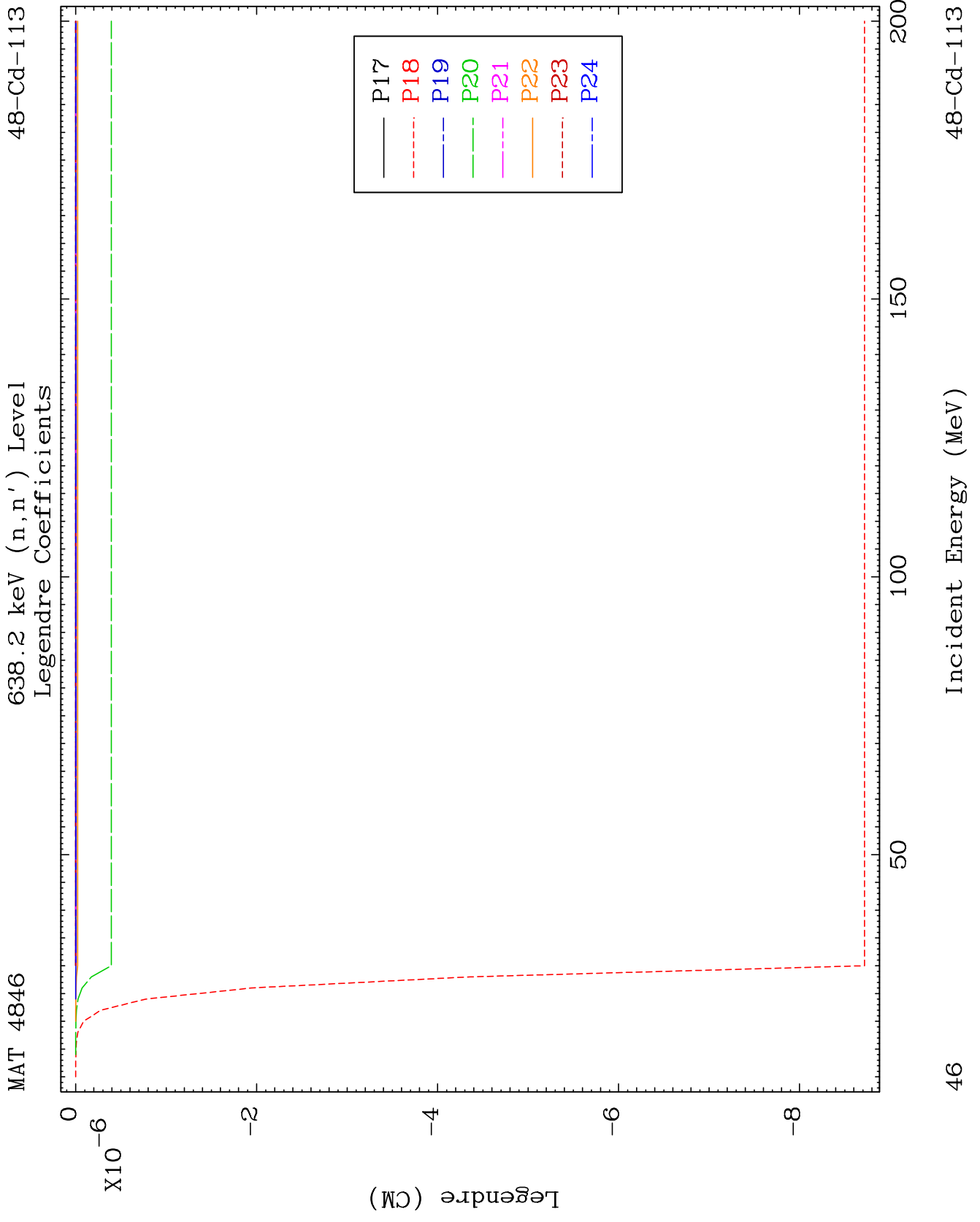
48-Cd-113

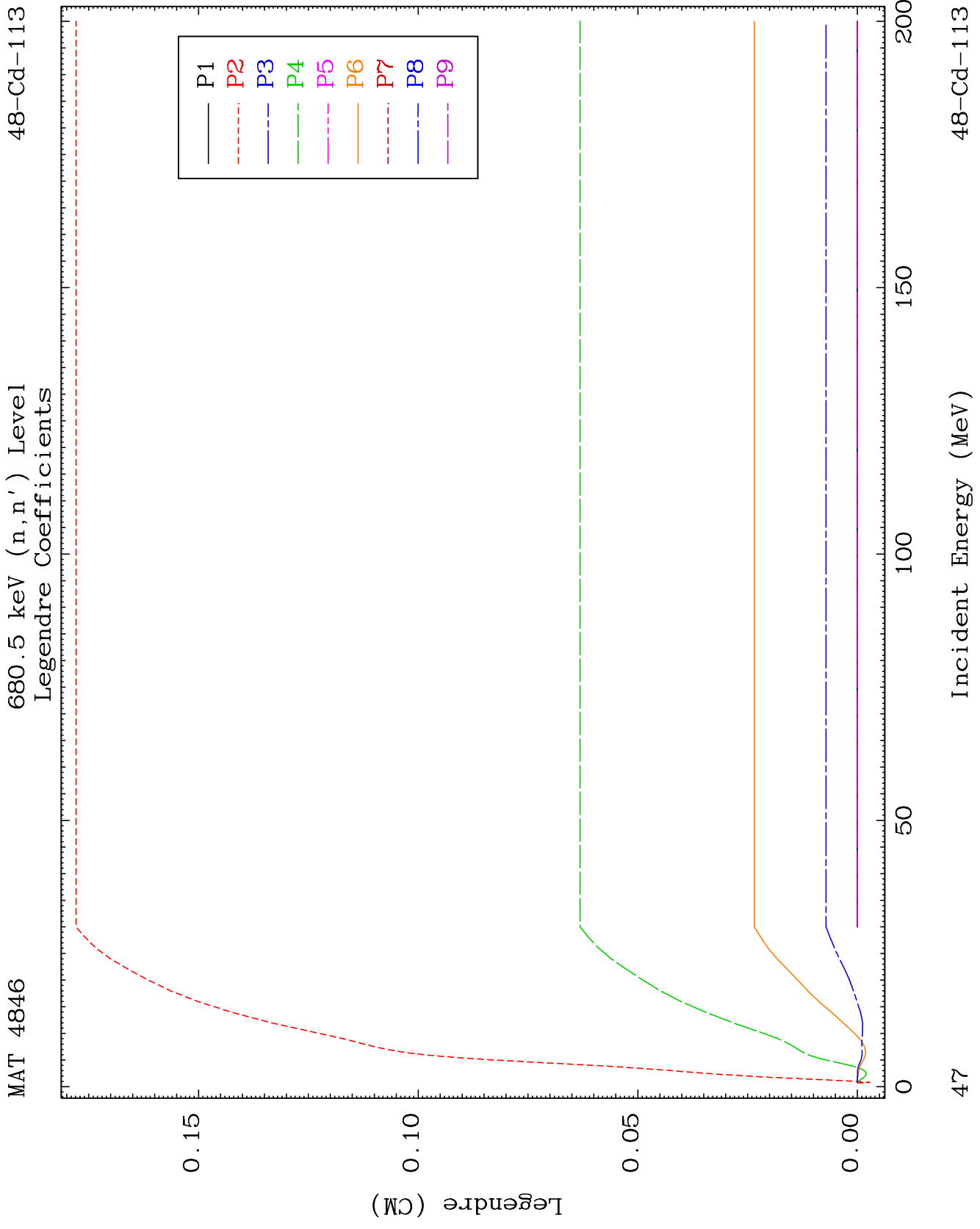


44

Incident Energy (MeV)

48-Cd-113

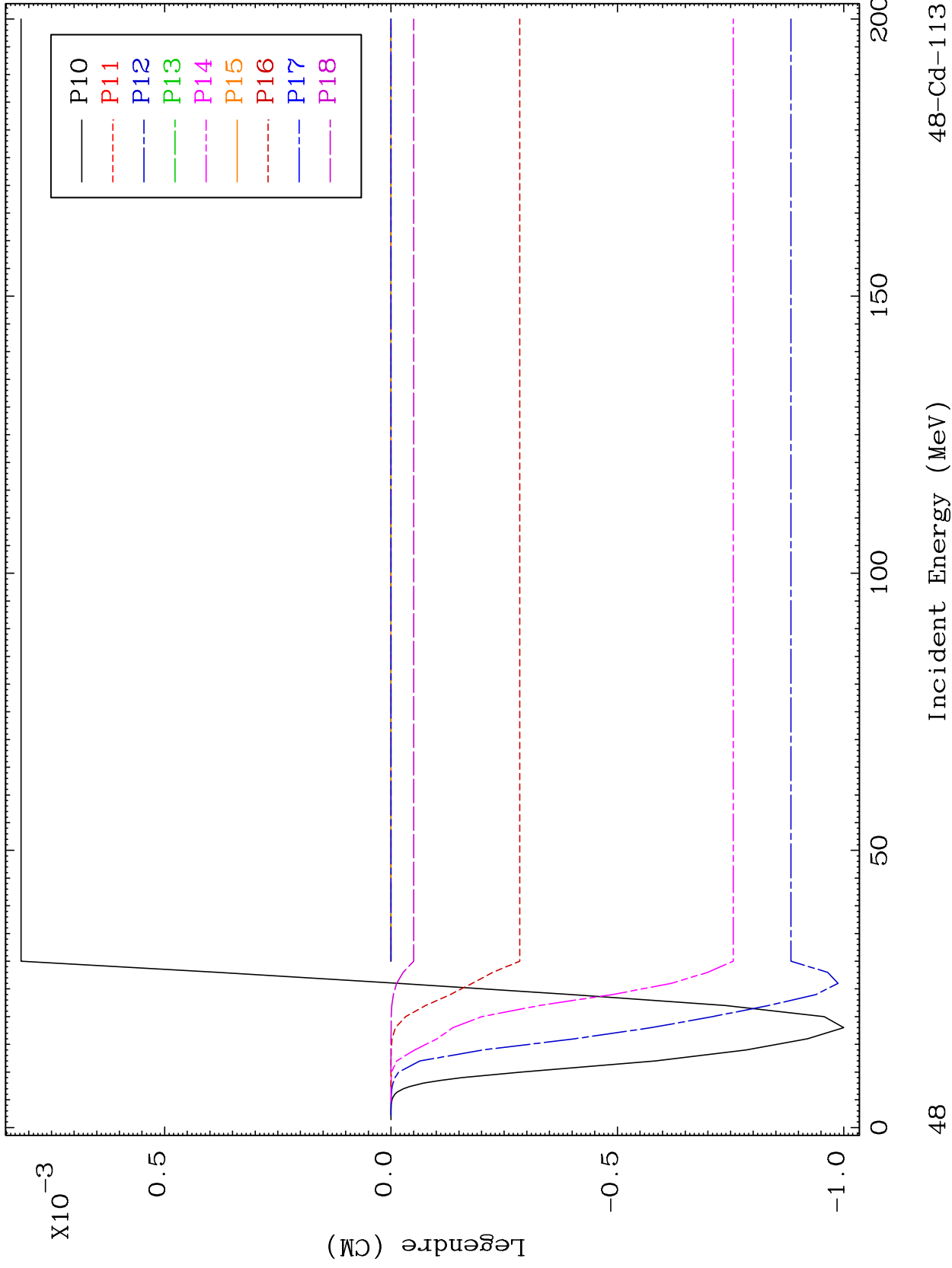




MAT 4846

680.5 keV (n,n') Level
Legendre Coefficients

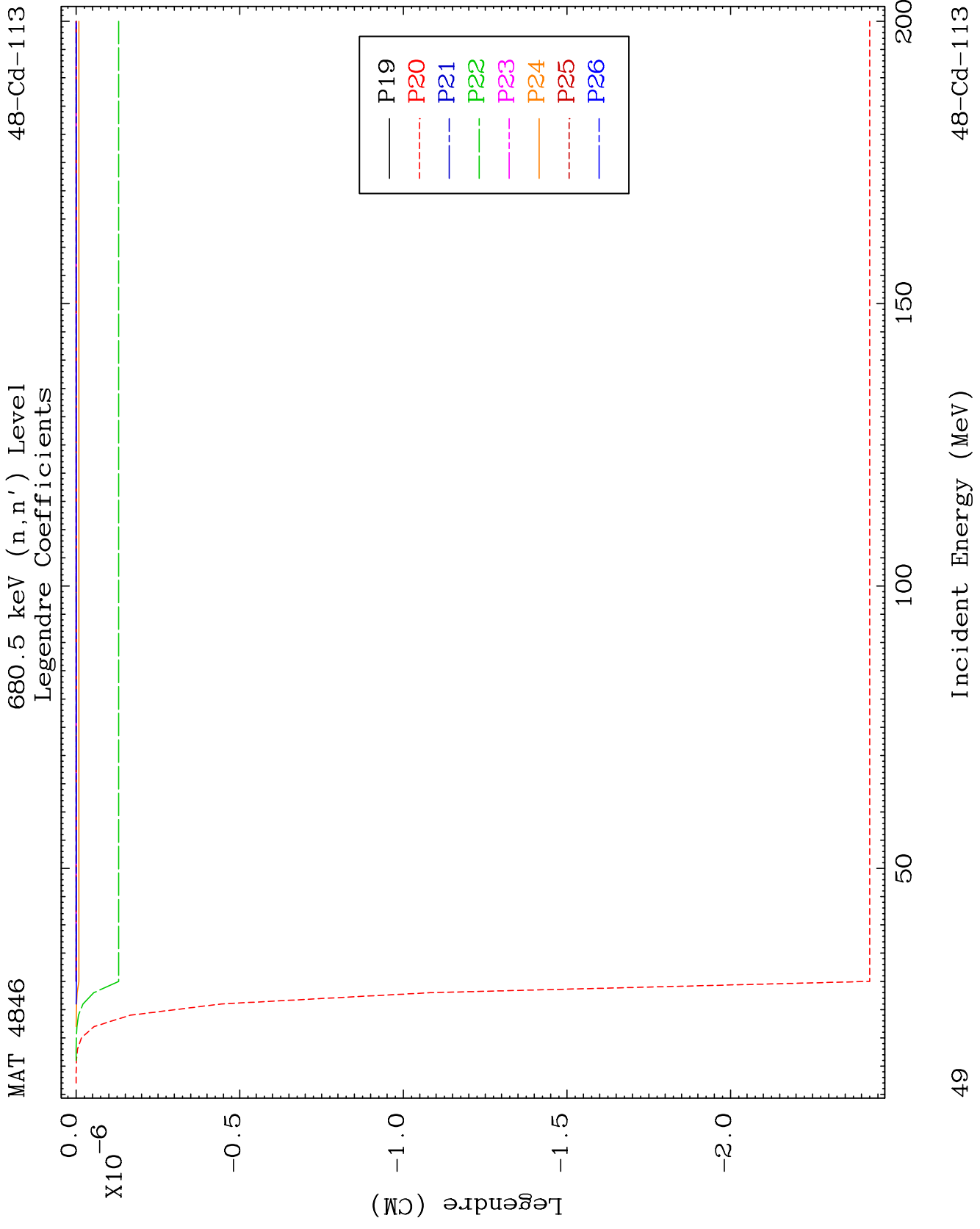
48-Cd-113

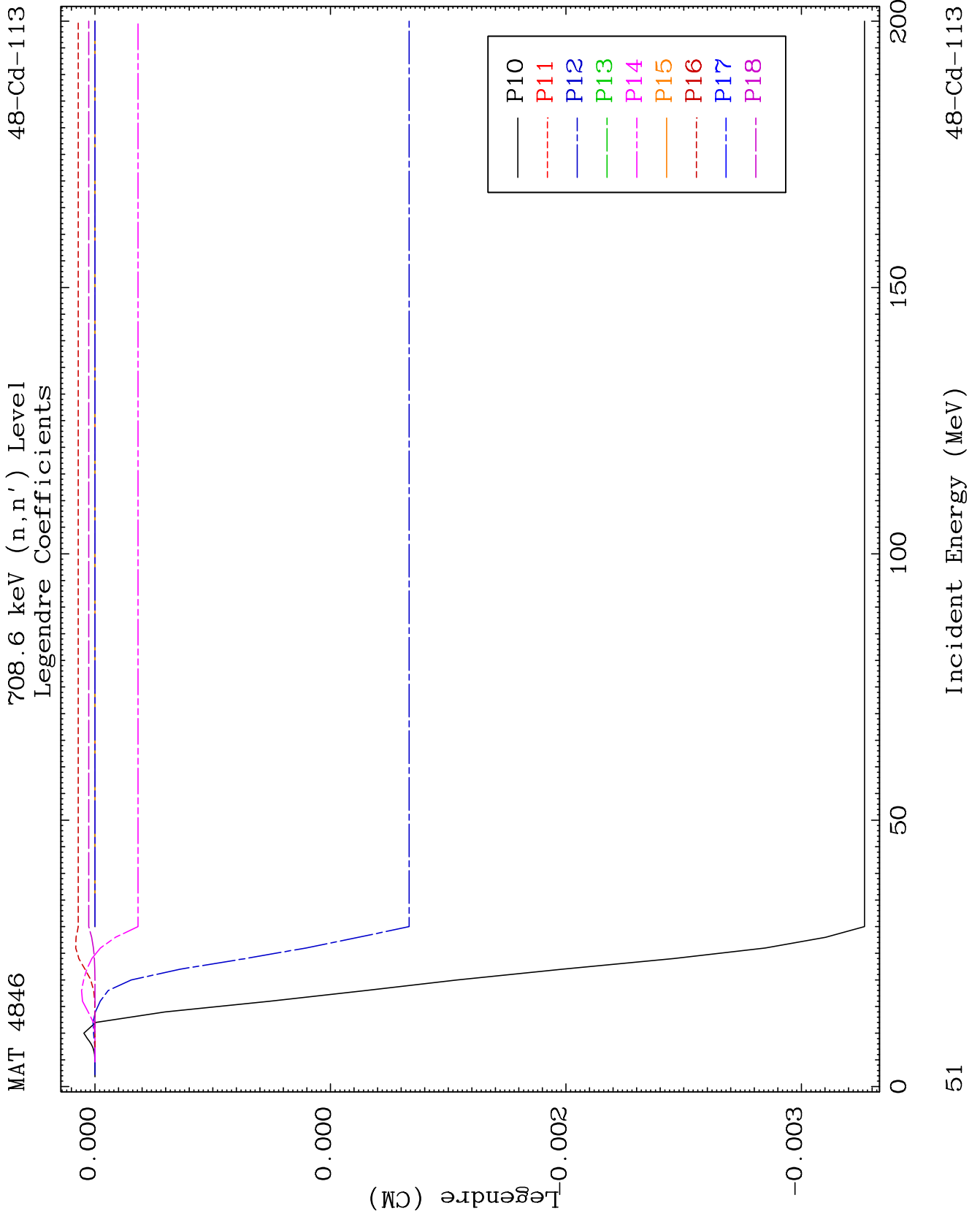


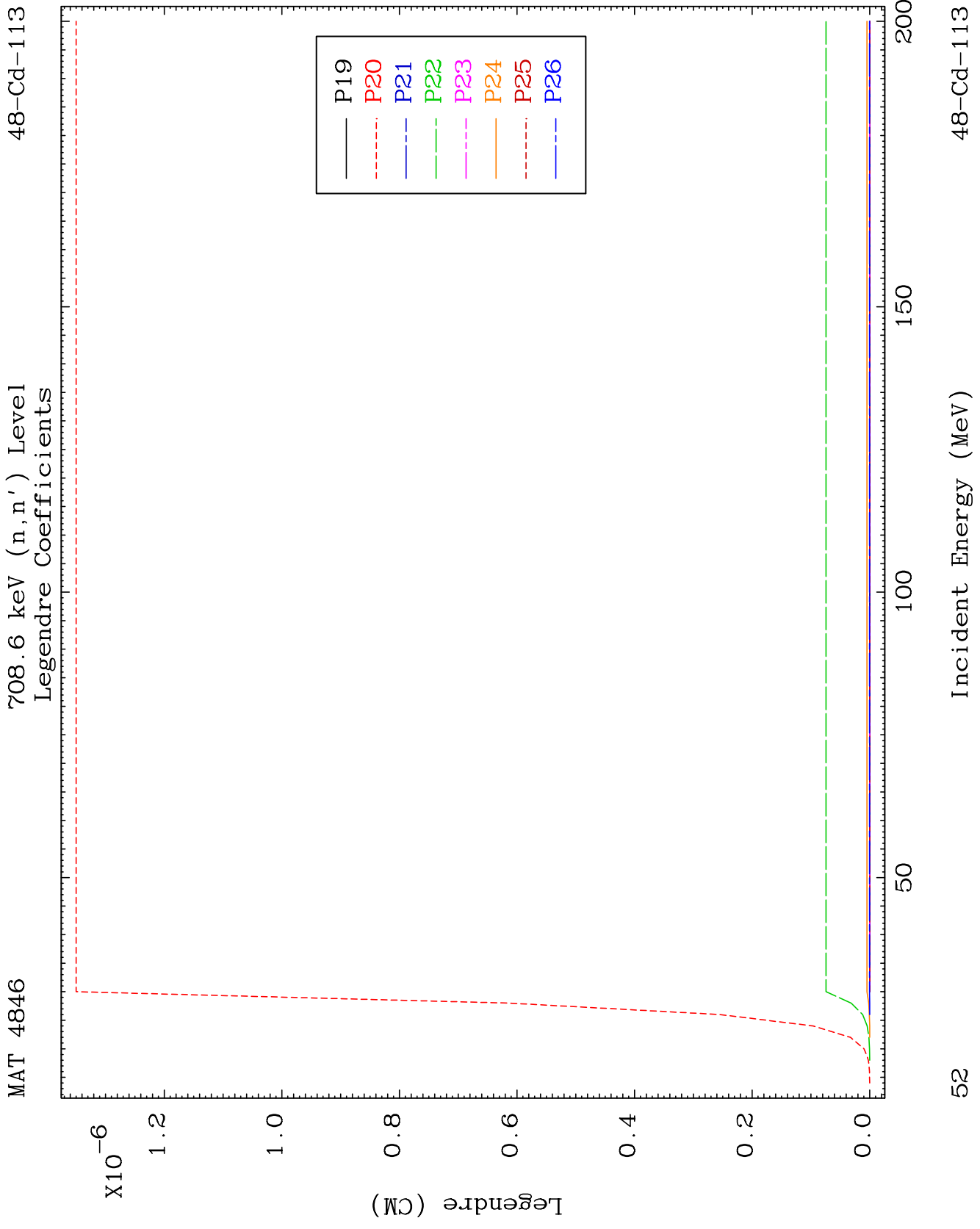
48-Cd-113

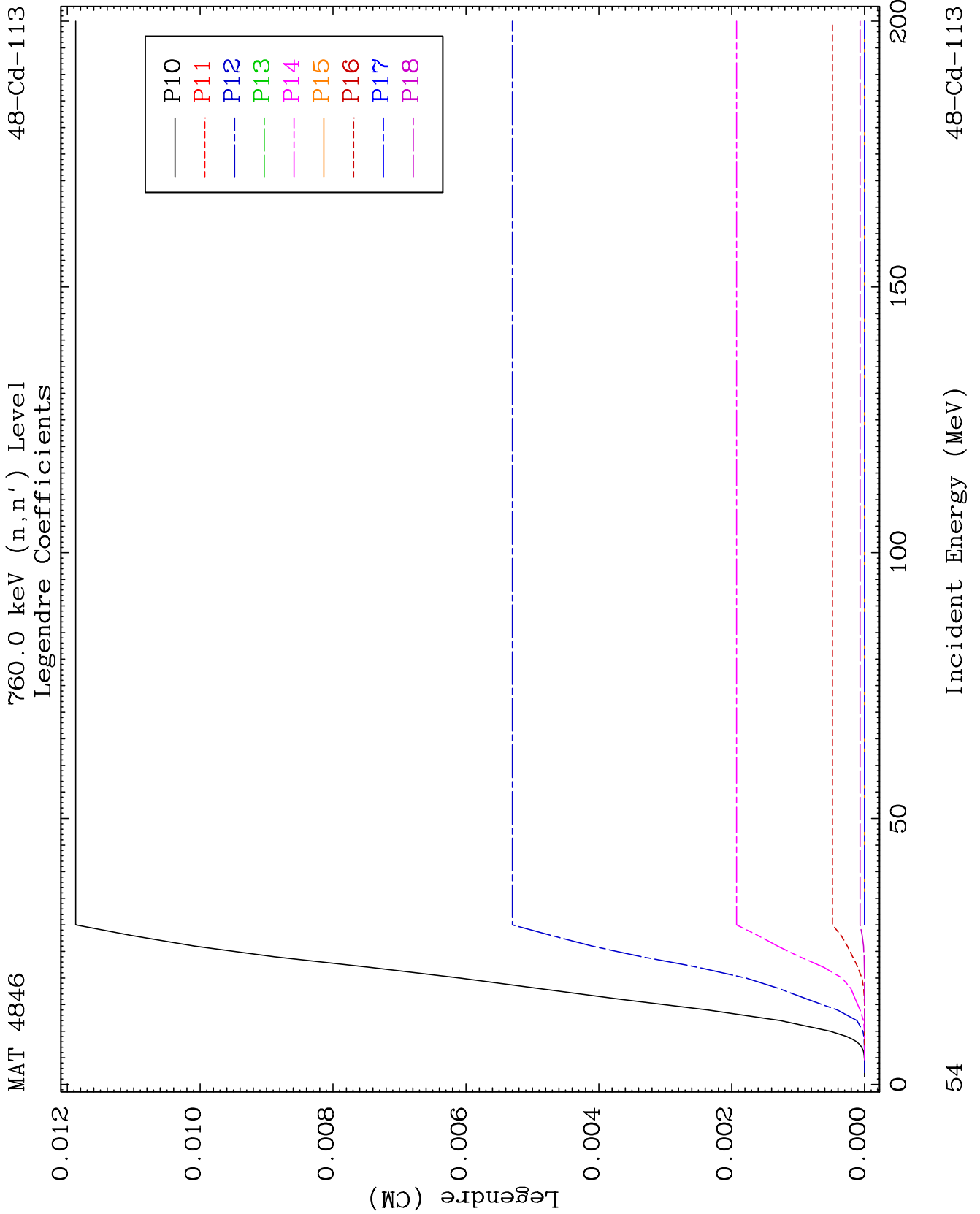
Incident Energy (MeV)

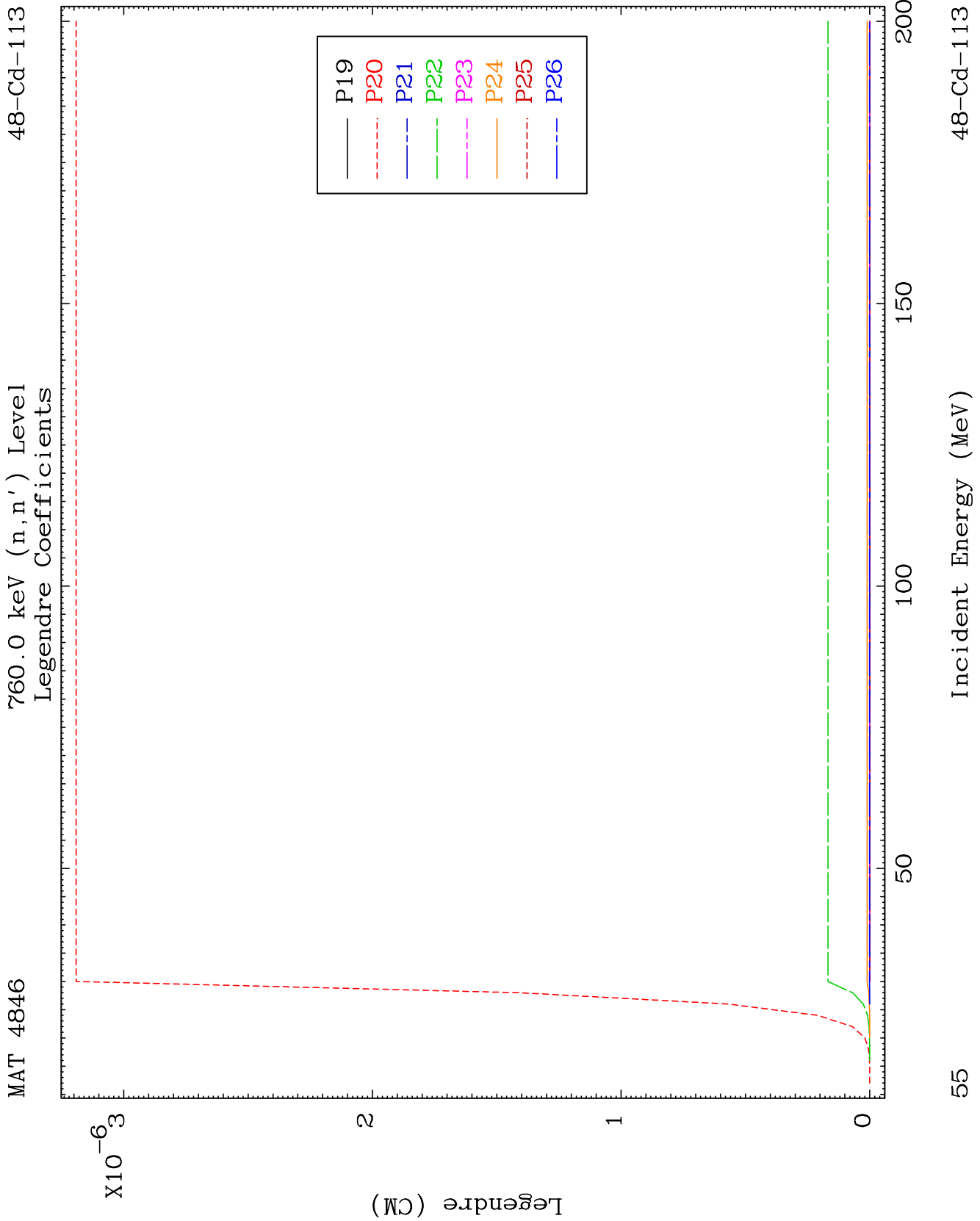
48







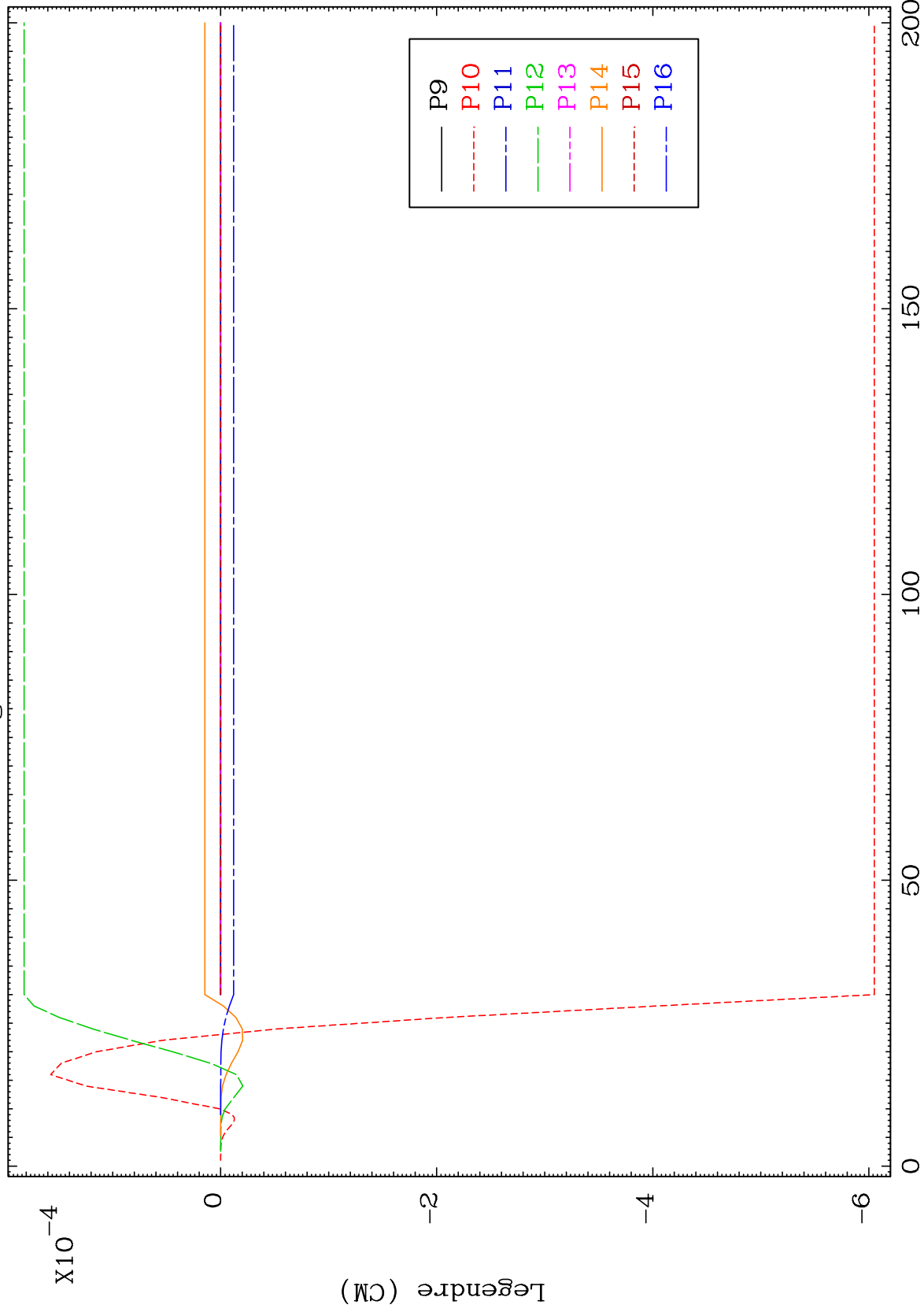




MAT 4846

815.3 keV (n,n') Level
Legendre Coefficients

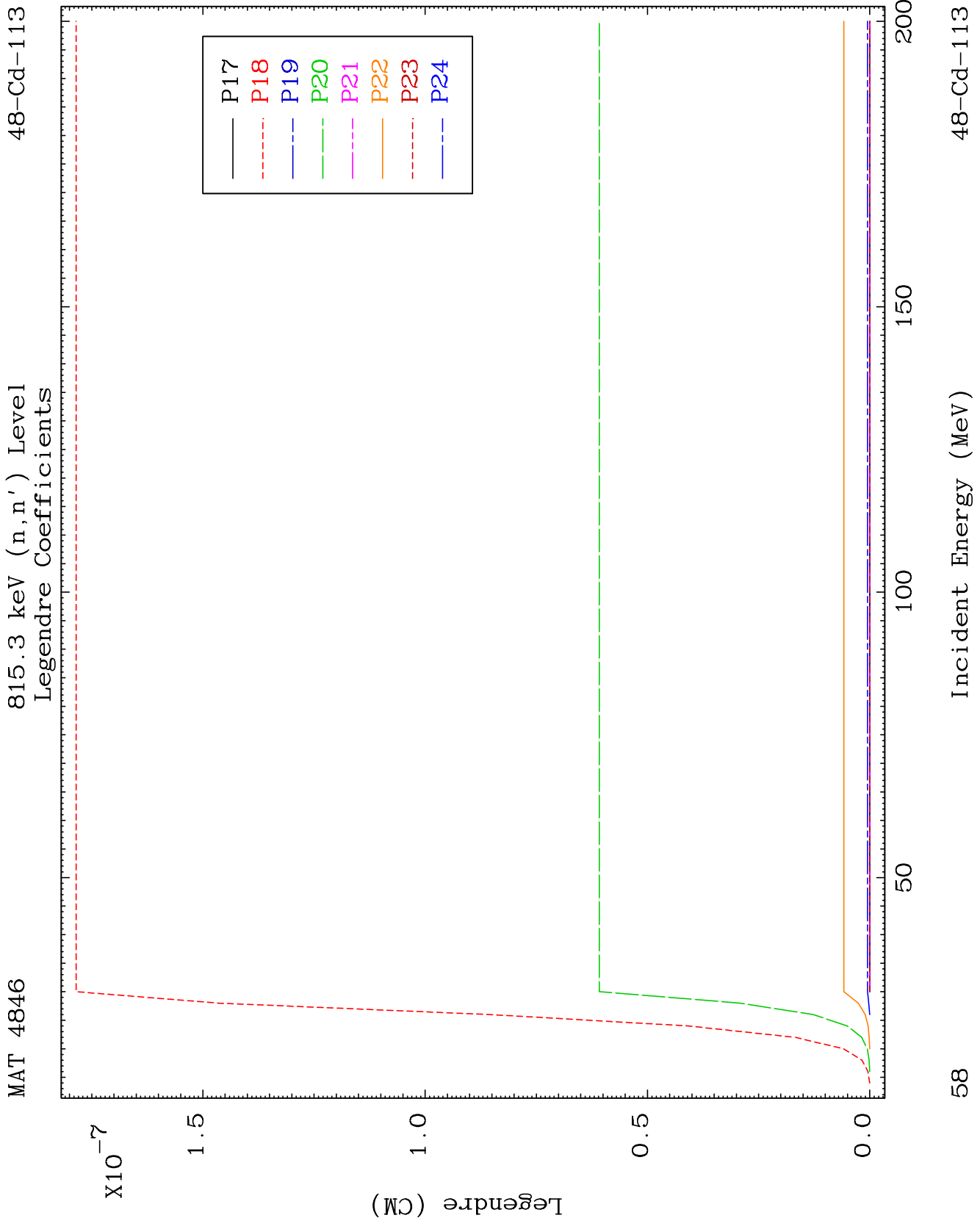
48-Cd-113



57

Incident Energy (MeV)

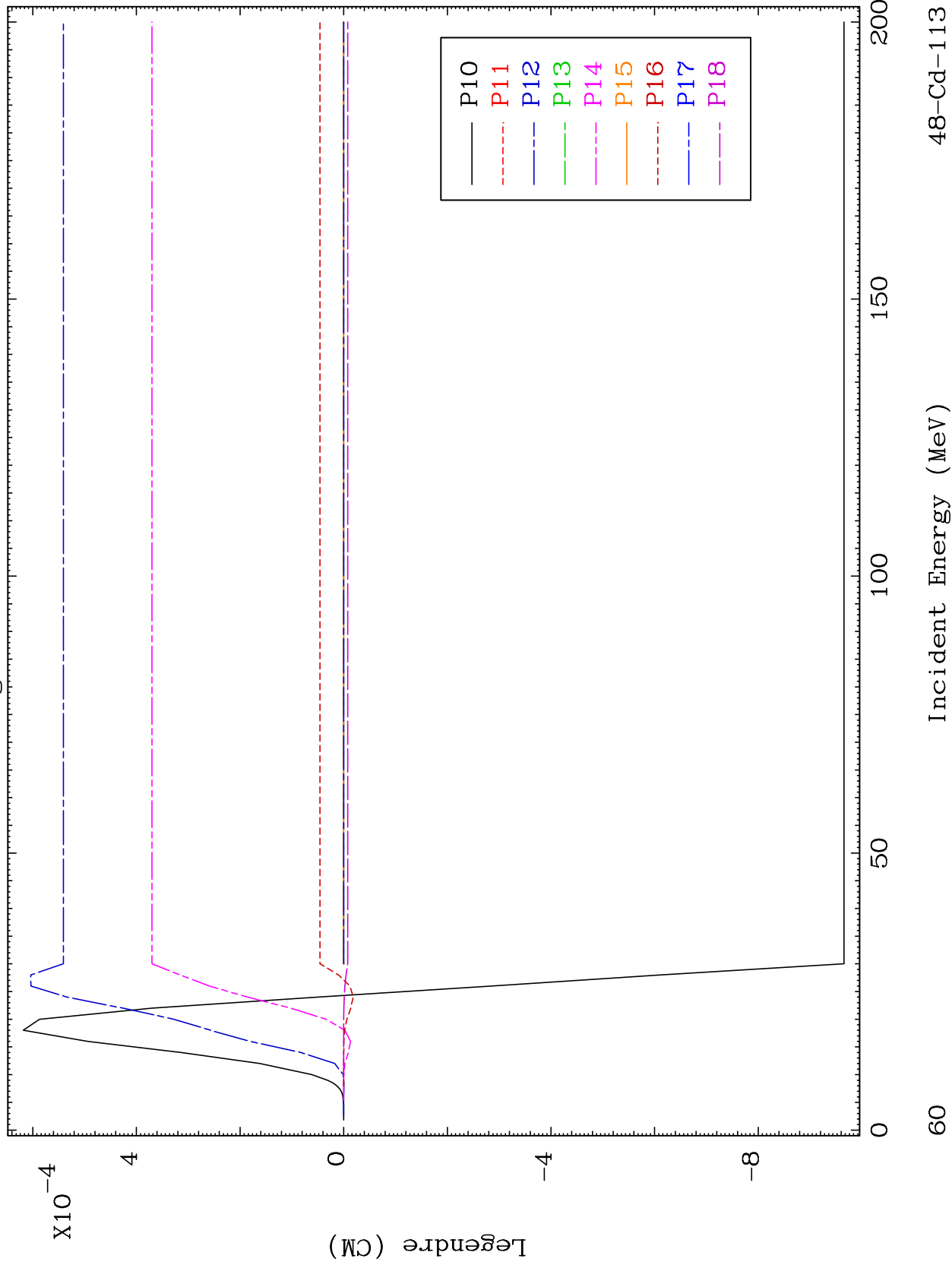
48-Cd-113



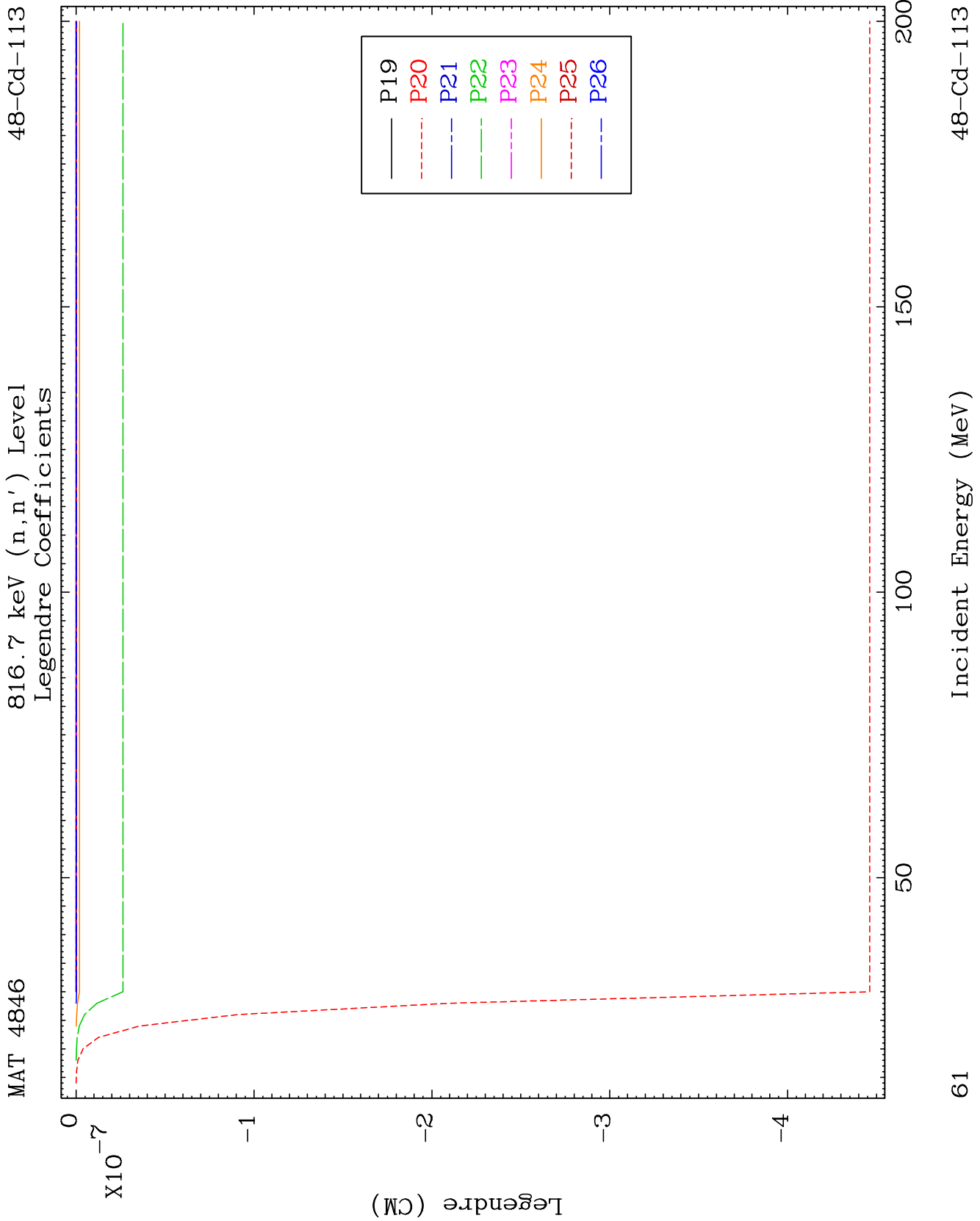
MAT 4846

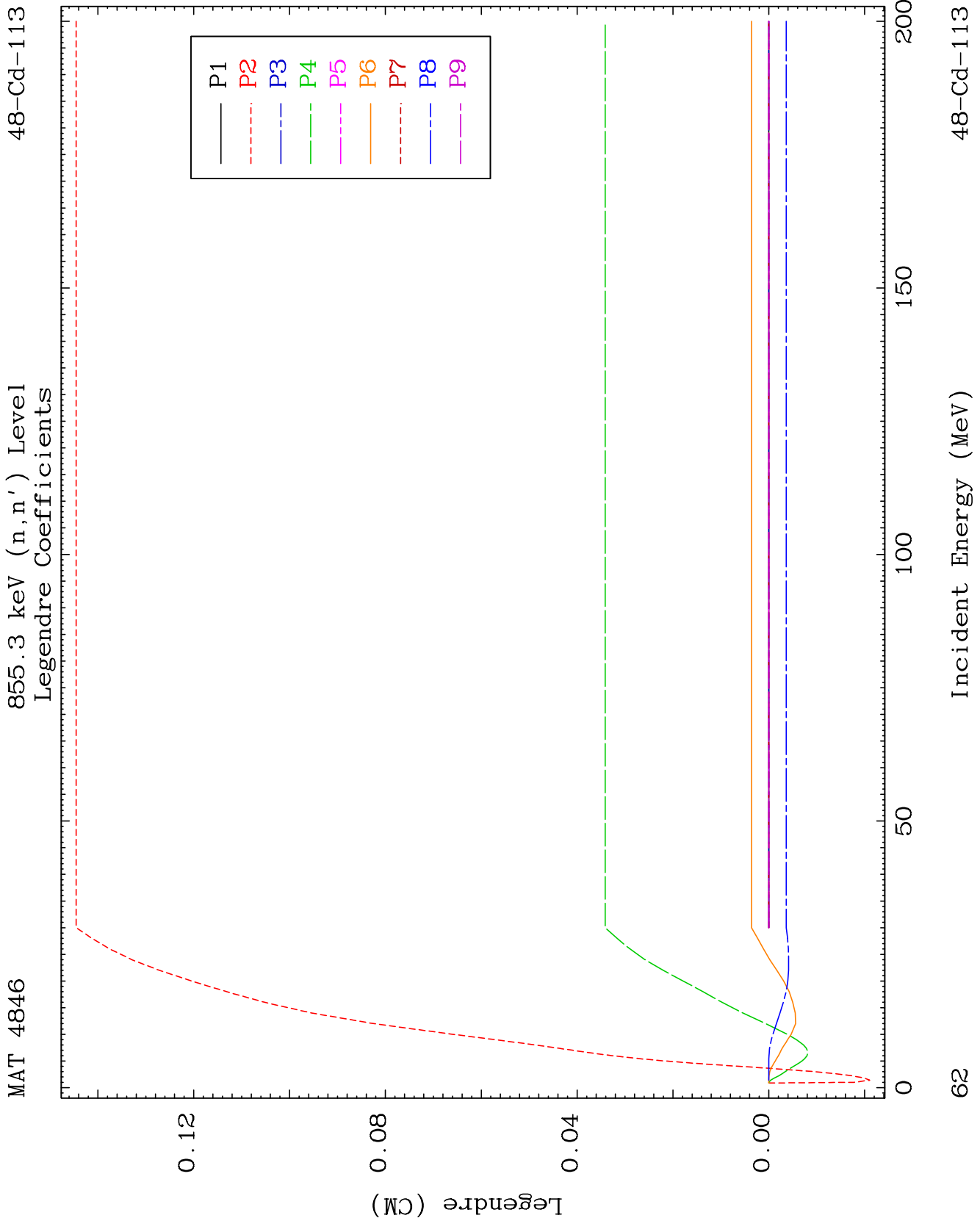
816.7 keV (n,n') Level
Legendre Coefficients

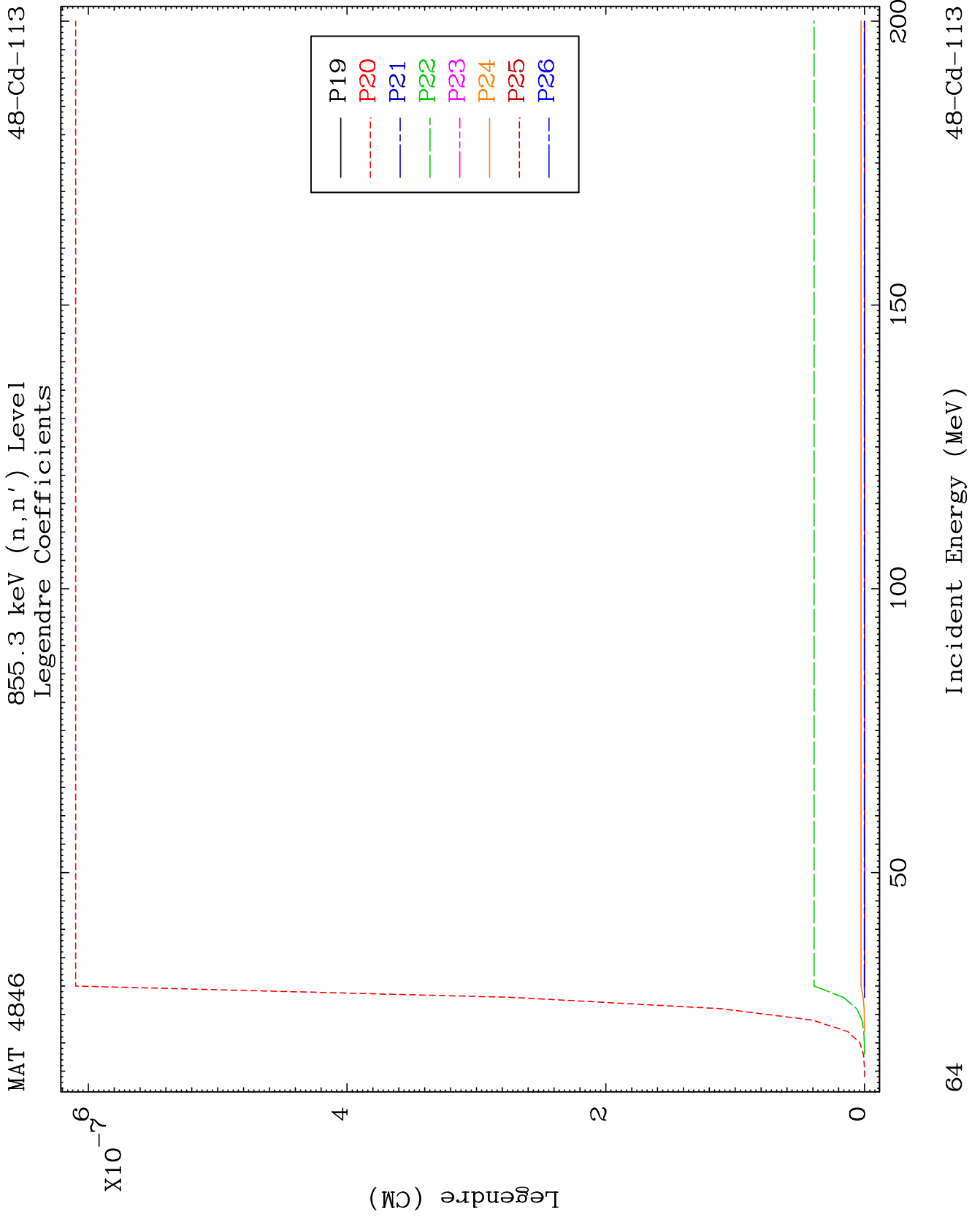
48-Cd-113

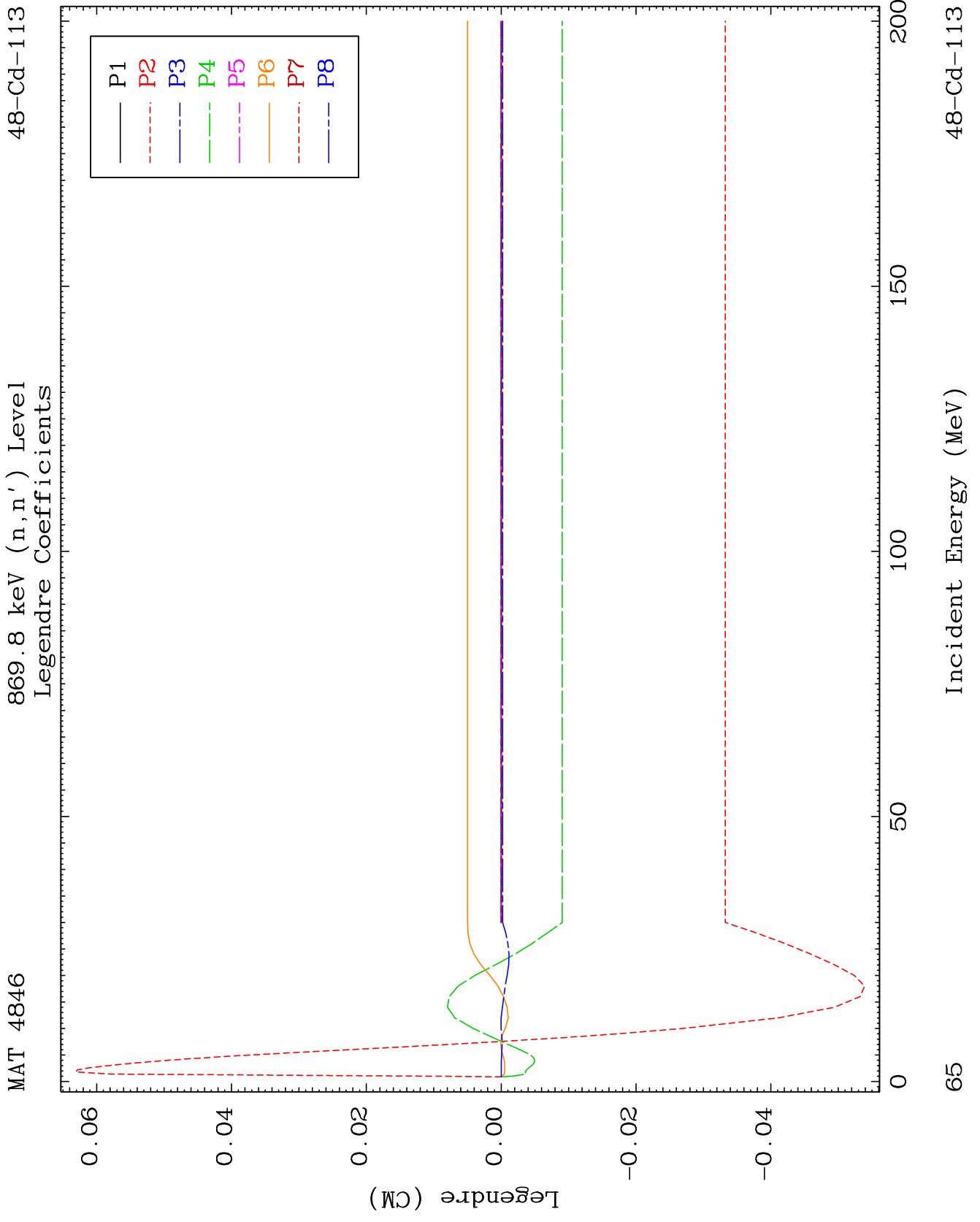


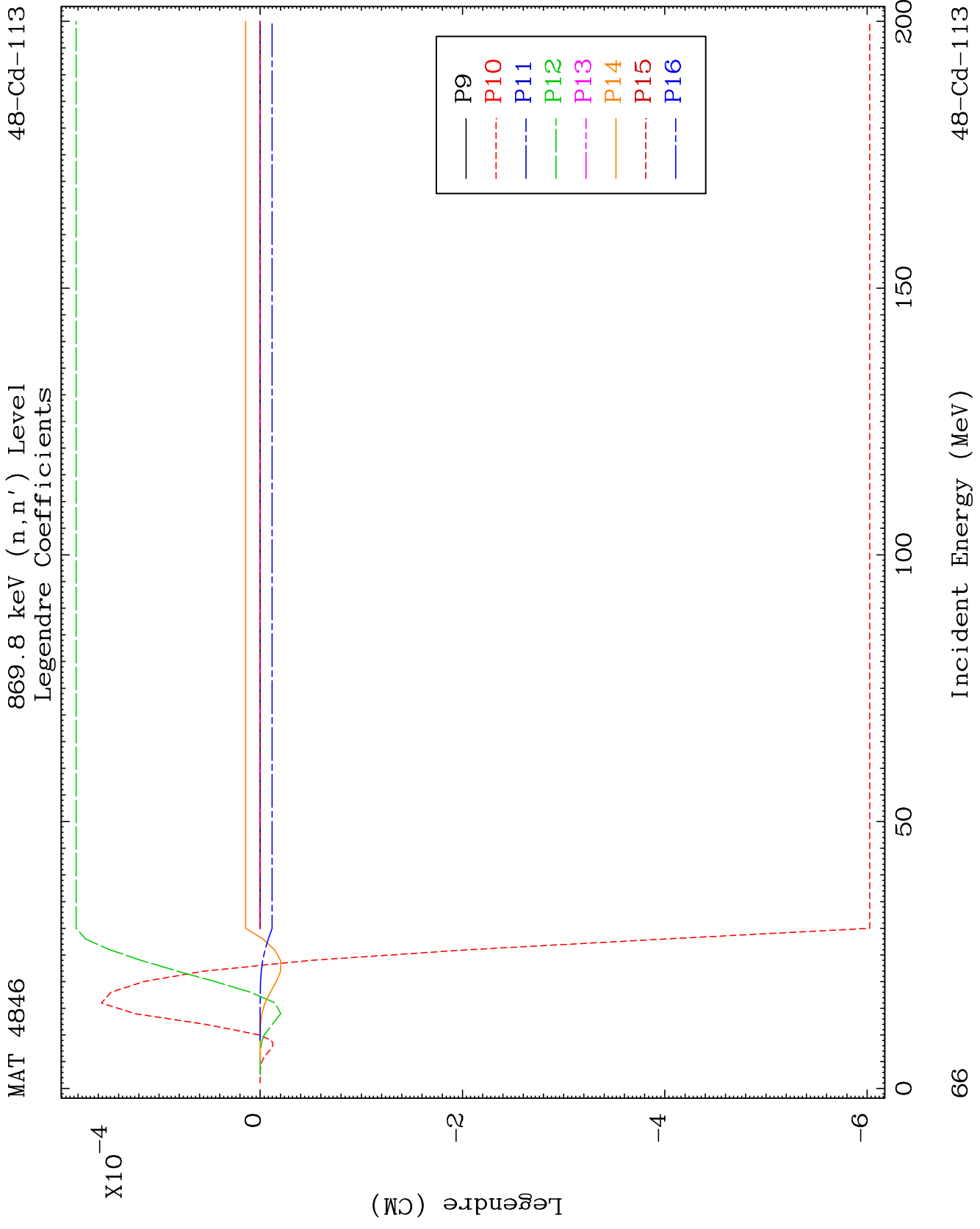
48-Cd-113

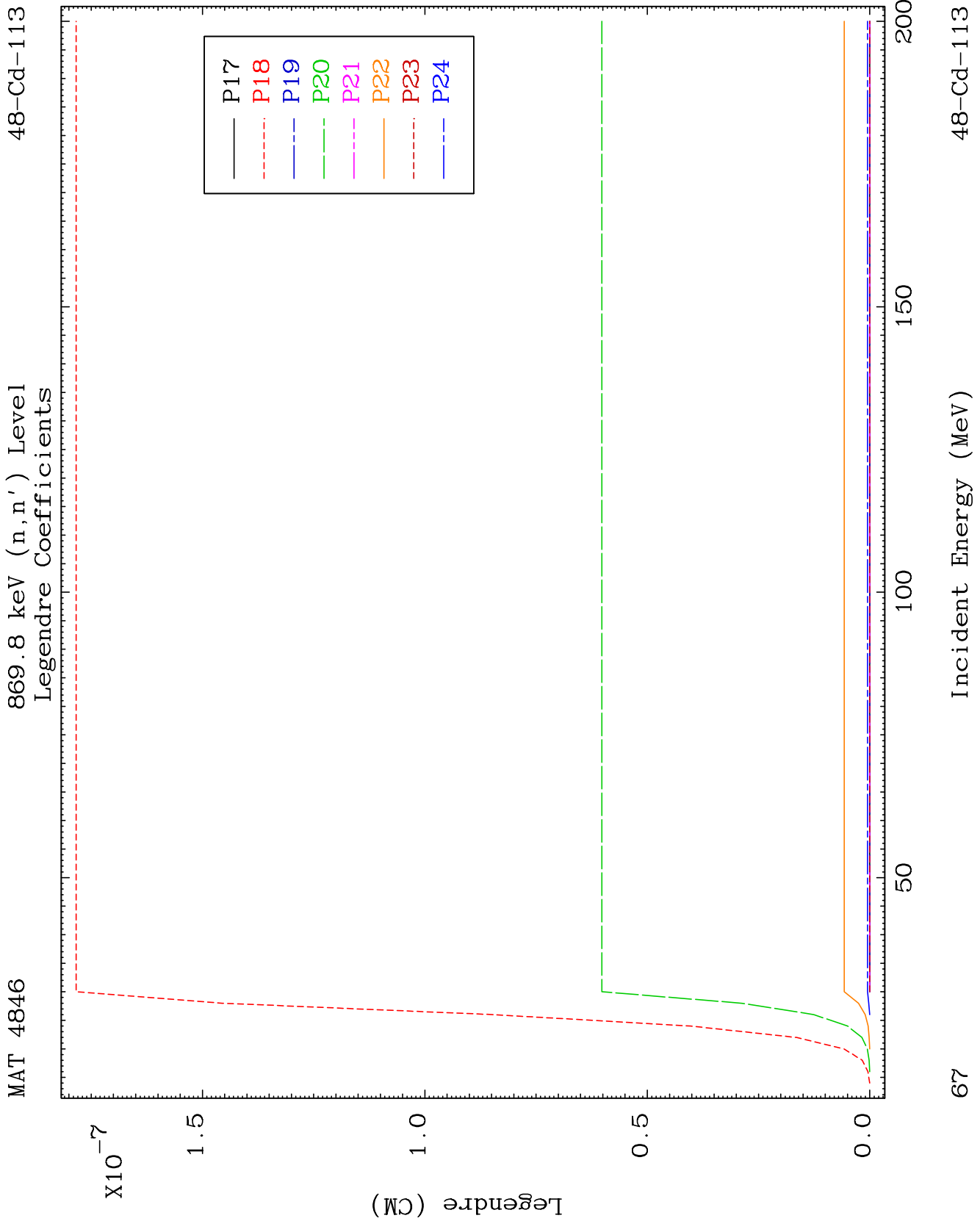








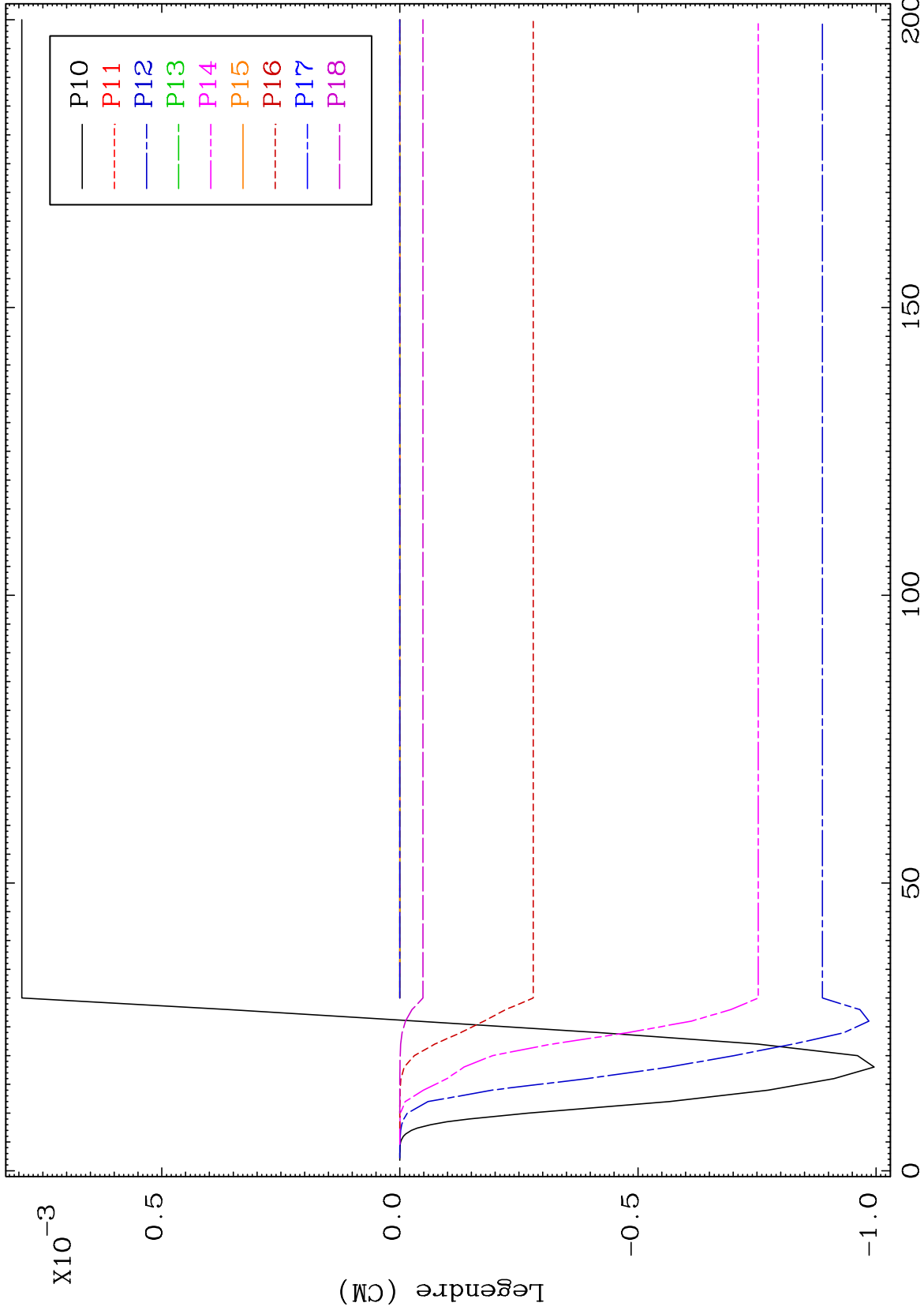




MAT 4846

878.5 keV (n,n') Level
Legendre Coefficients

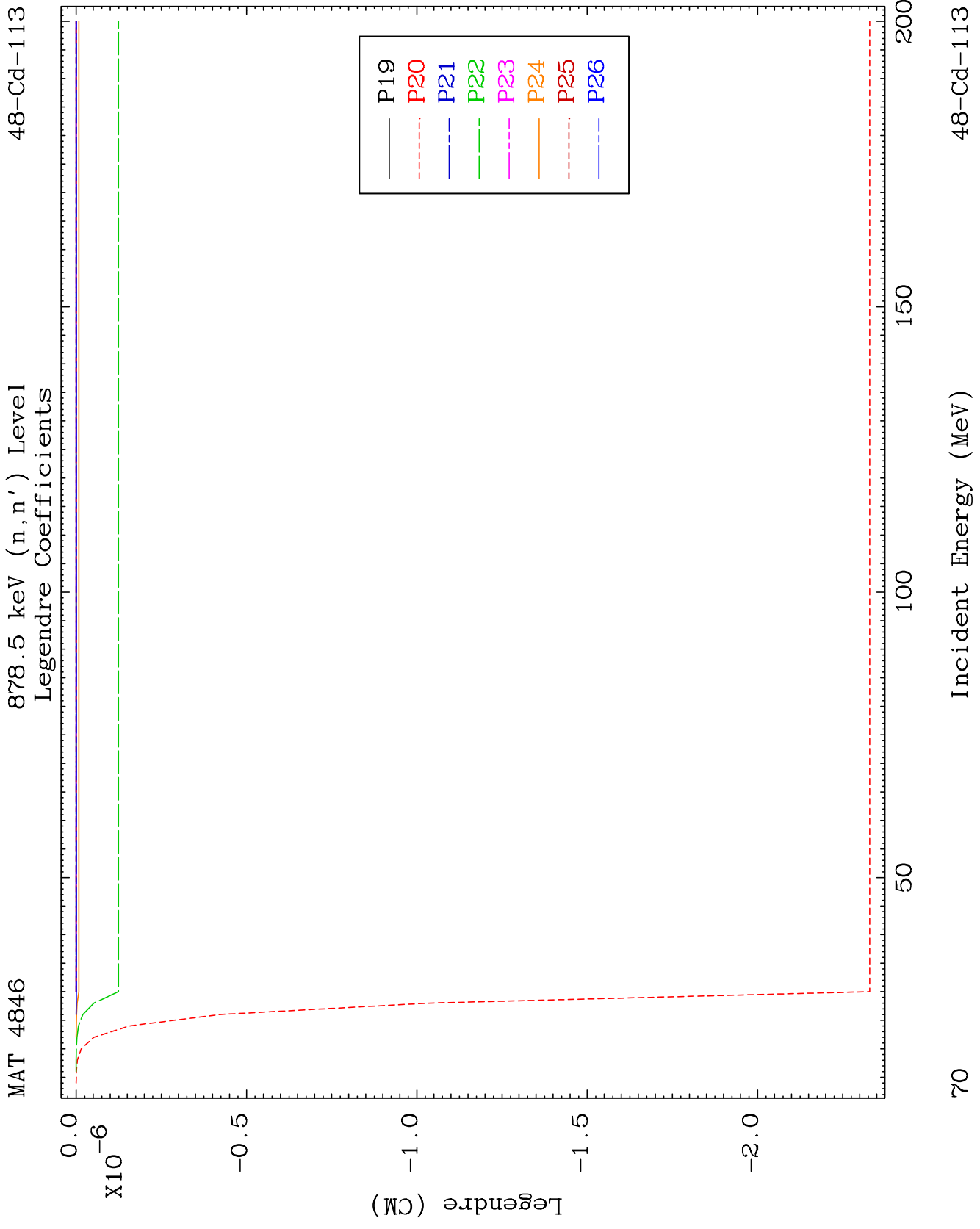
48-Cd-113

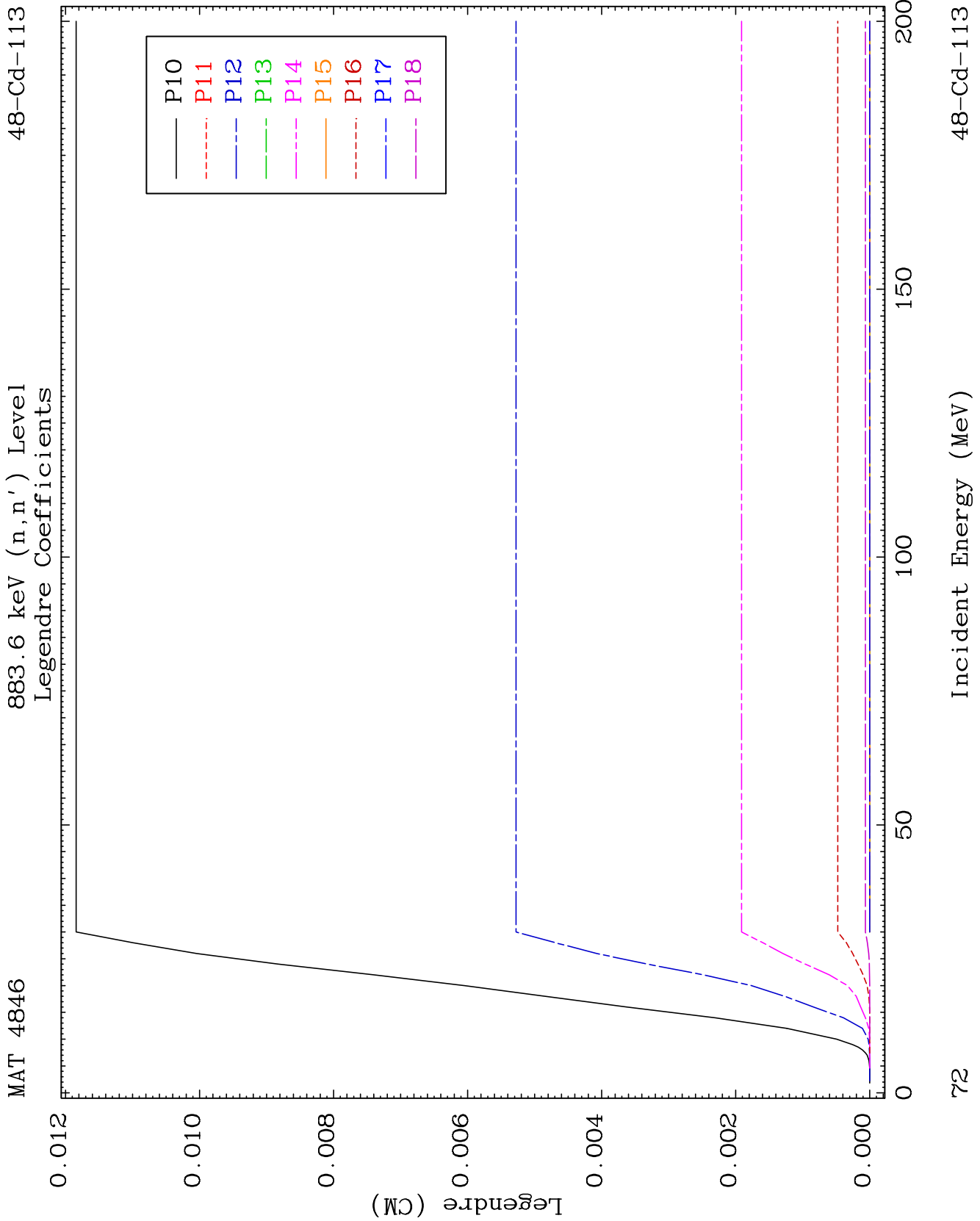


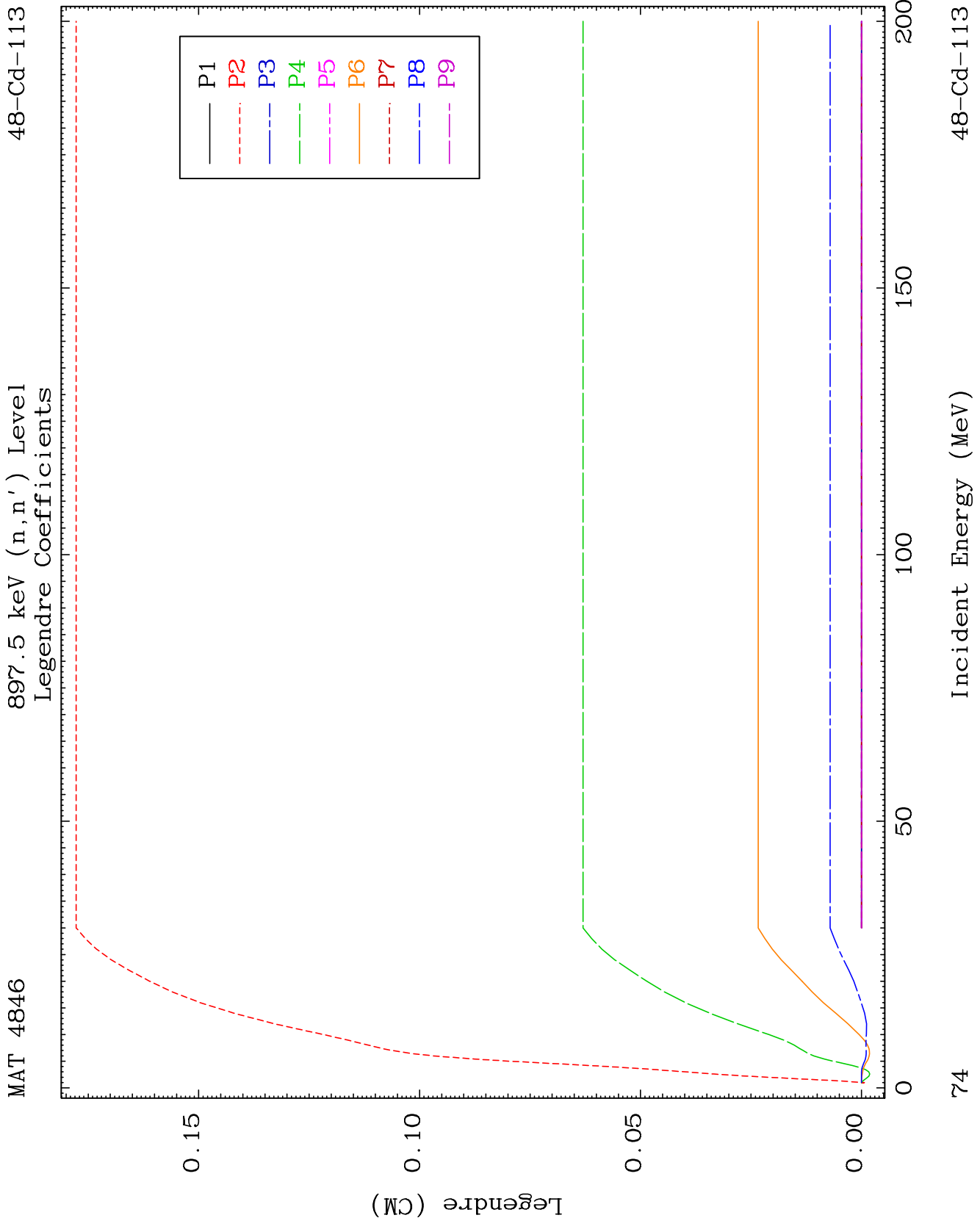
69

Incident Energy (MeV)

48-Cd-113



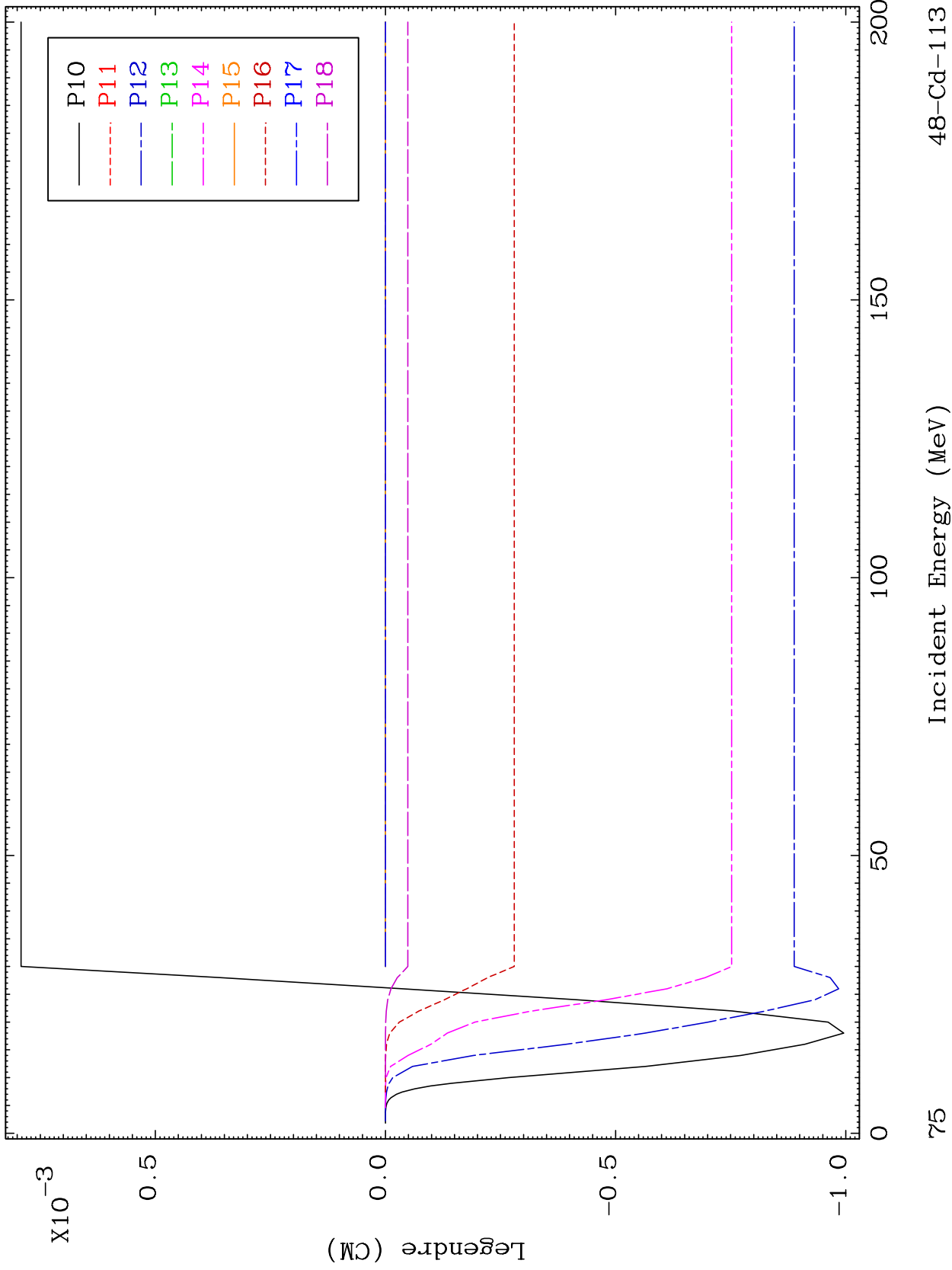


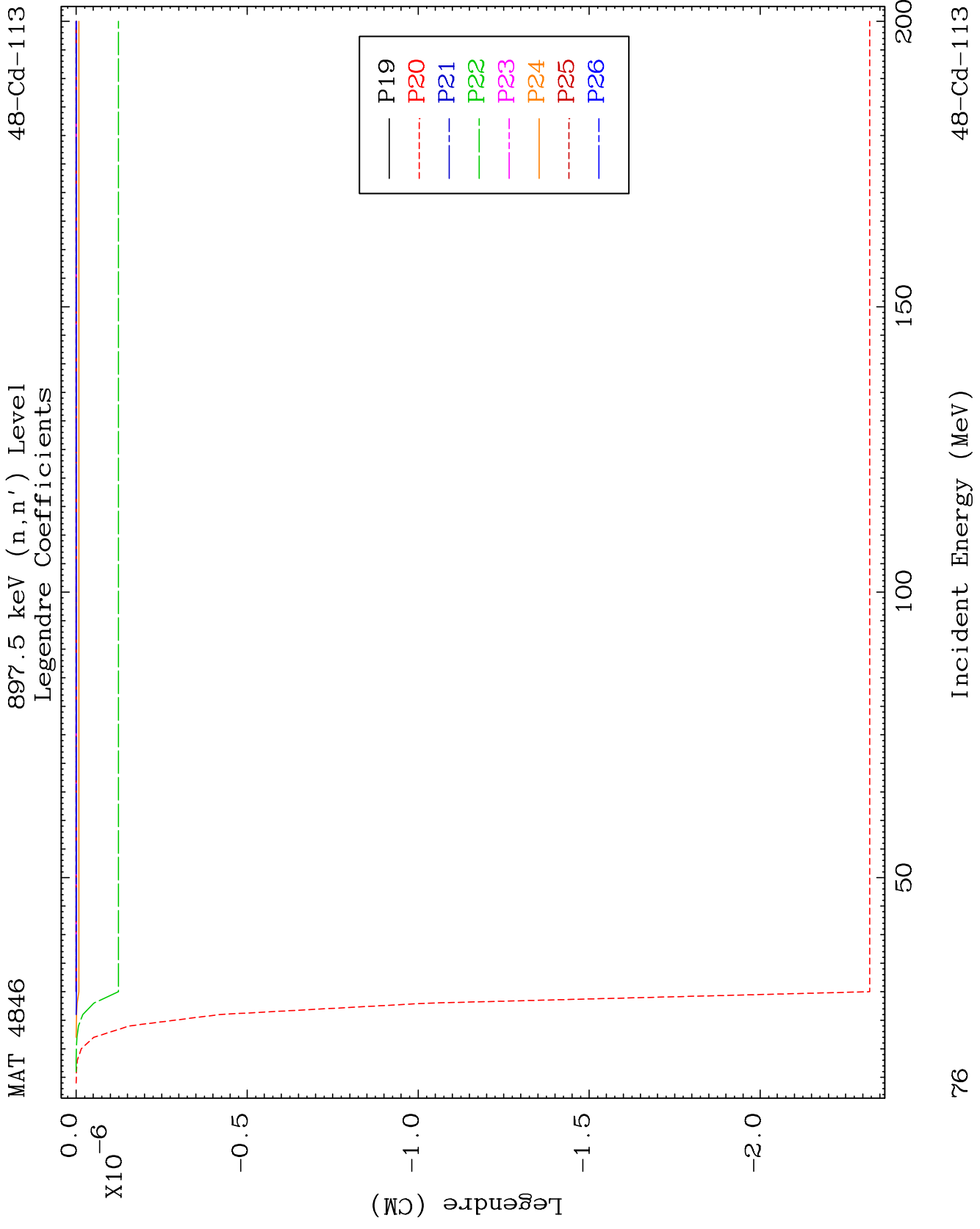


MAT 4846

897.5 keV (n,n') Level
Legendre Coefficients

48-Cd-113

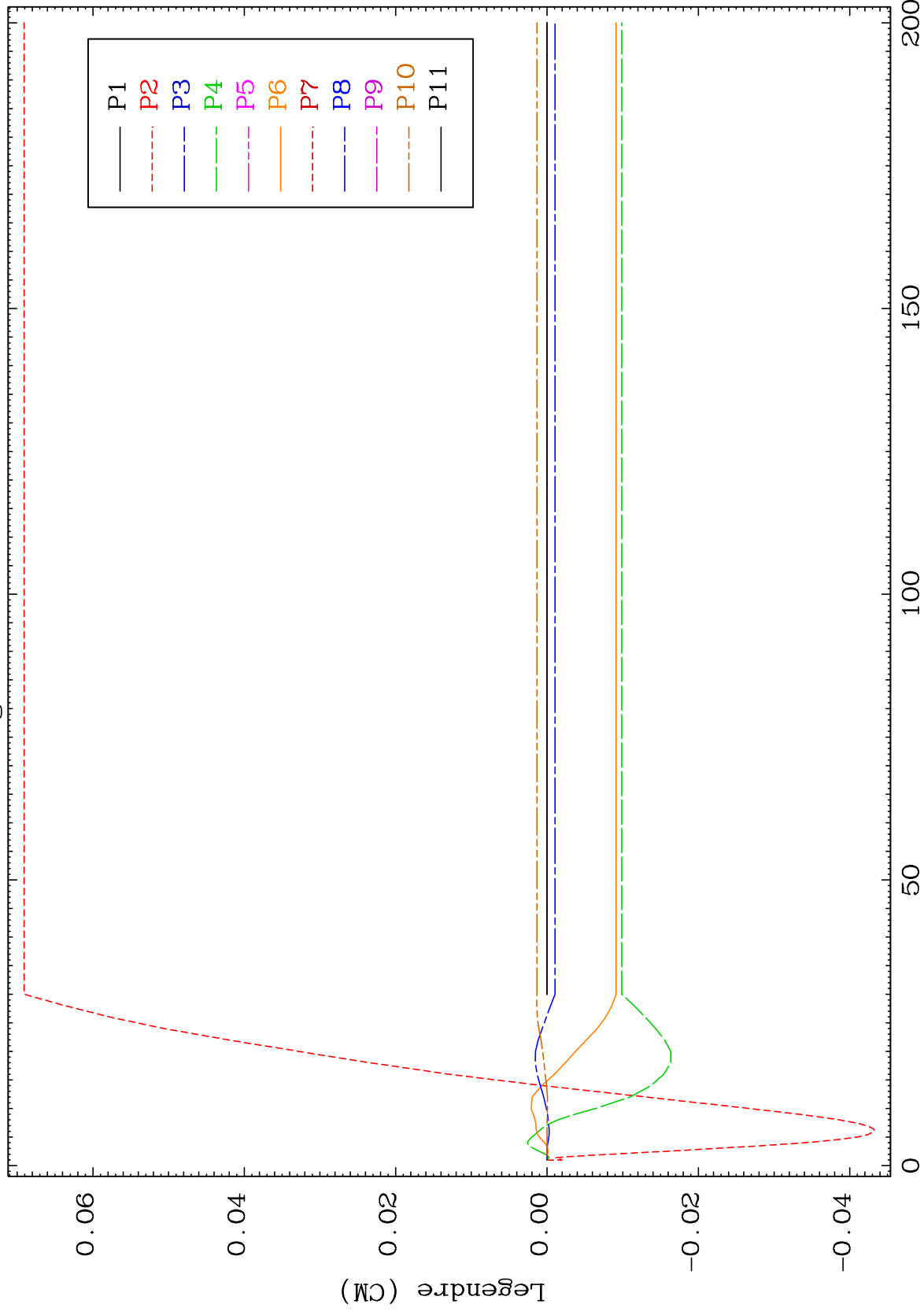




MAT 4846

939.8 keV (n,n') Level
Legendre Coefficients

48-Cd-113



77

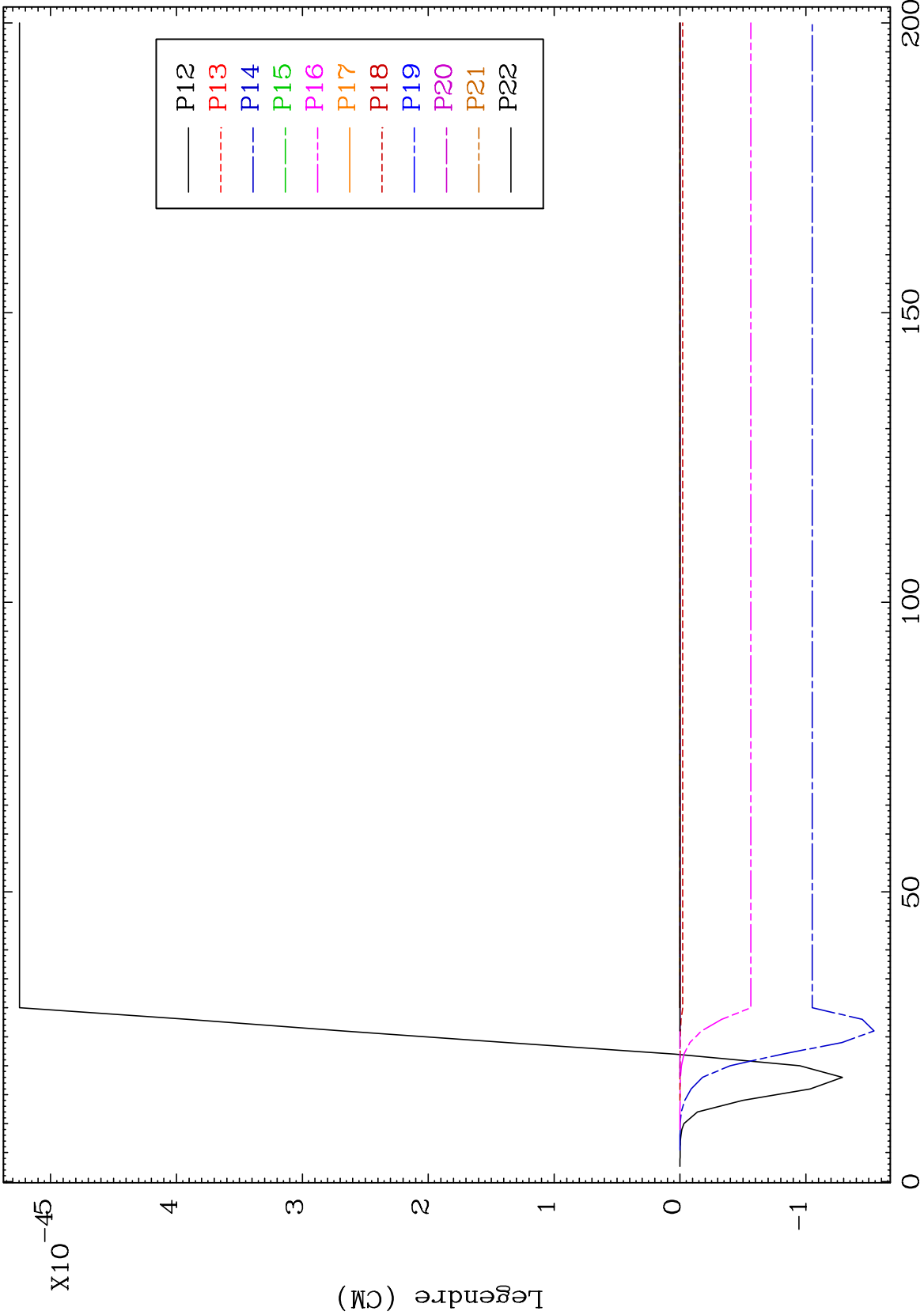
Incident Energy (MeV)

48-Cd-113

MAT 4846

939.8 keV (n,n') Level
Legendre Coefficients

48-Cd-113



78

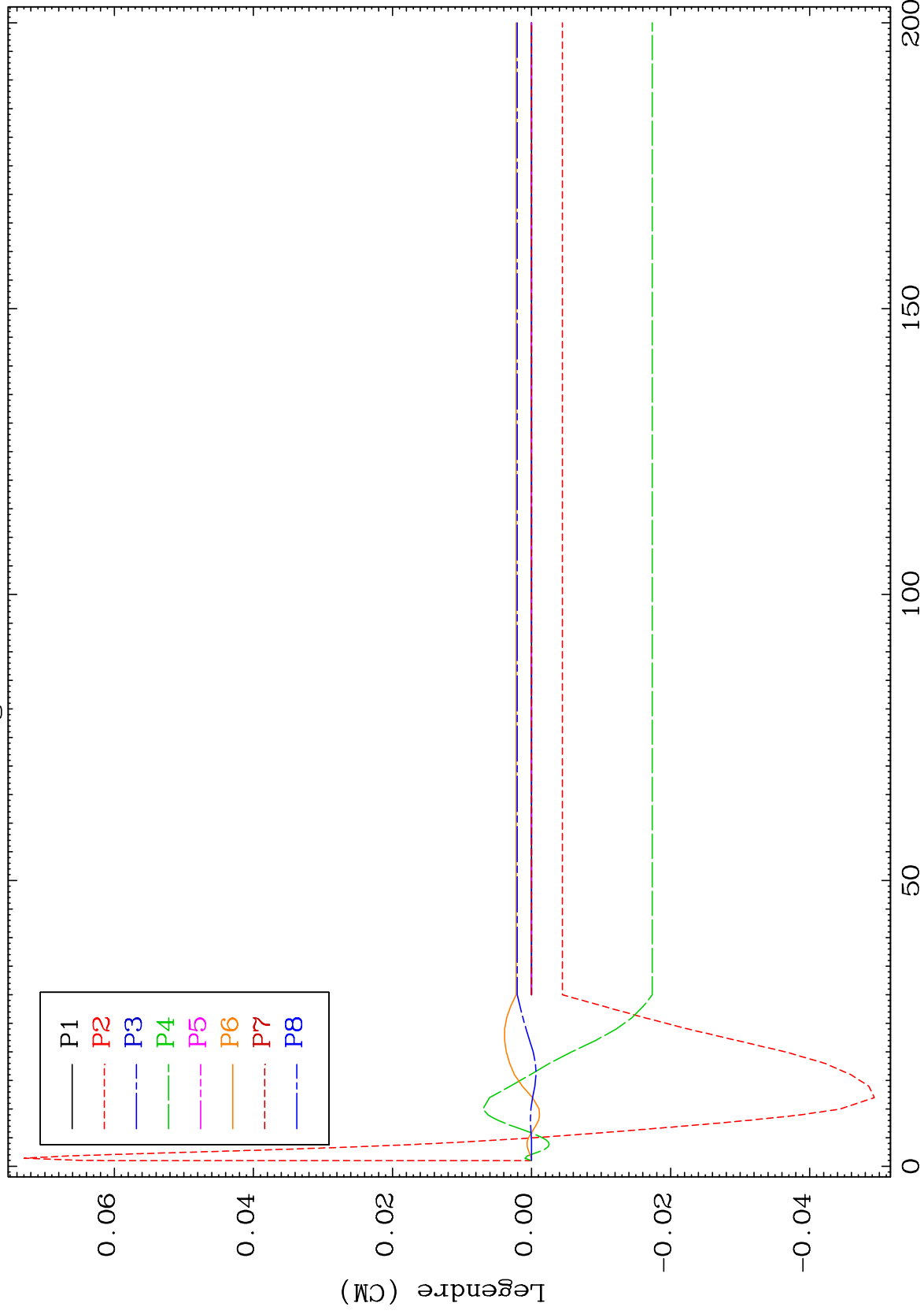
Incident Energy (MeV)

48-Cd-113

MAT 4846

960.0 keV (n,n') Level
Legendre Coefficients

48-Cd-113



79

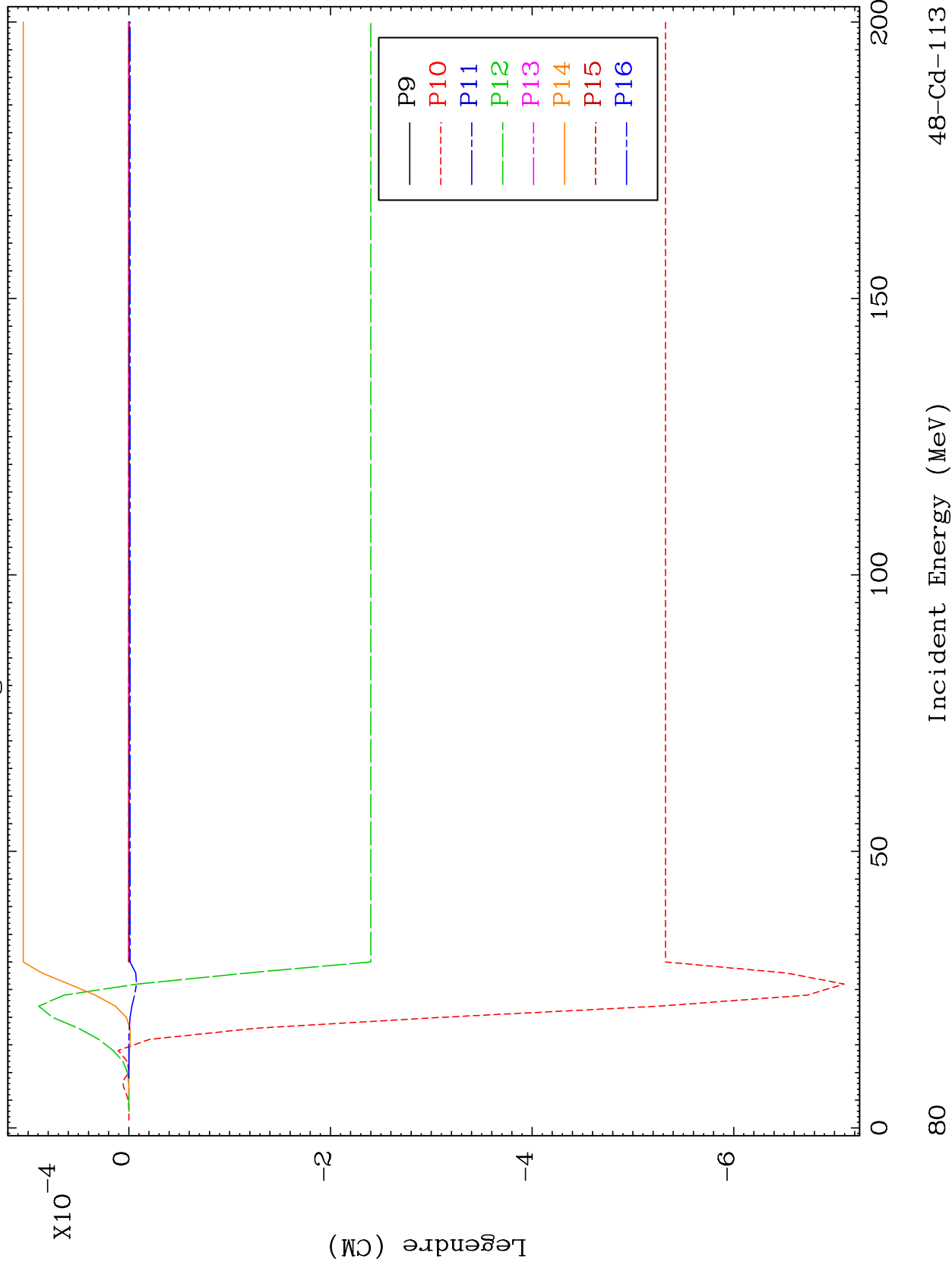
Incident Energy (MeV)

48-Cd-113

MAT 4846

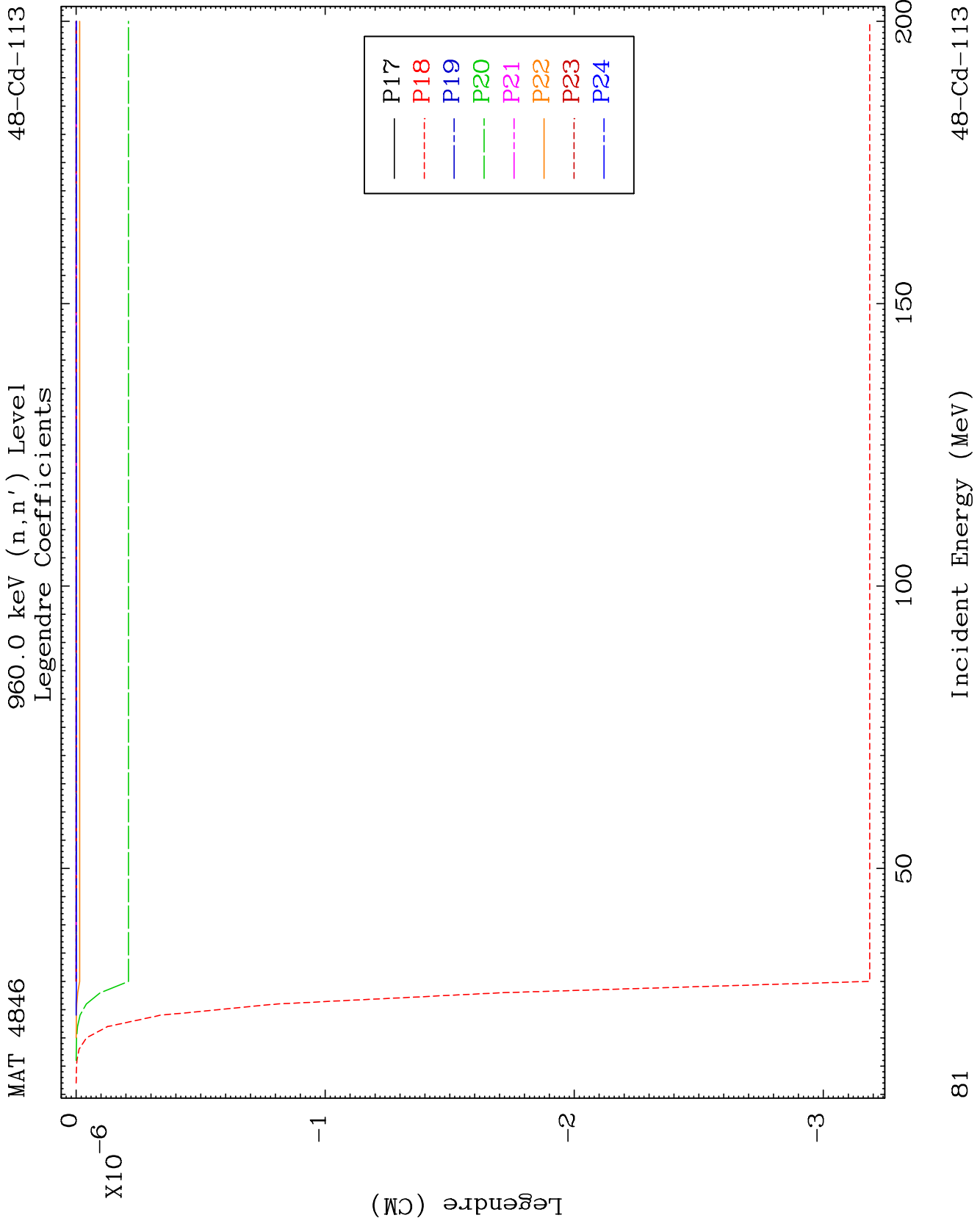
960.0 keV (n,n') Level
Legendre Coefficients

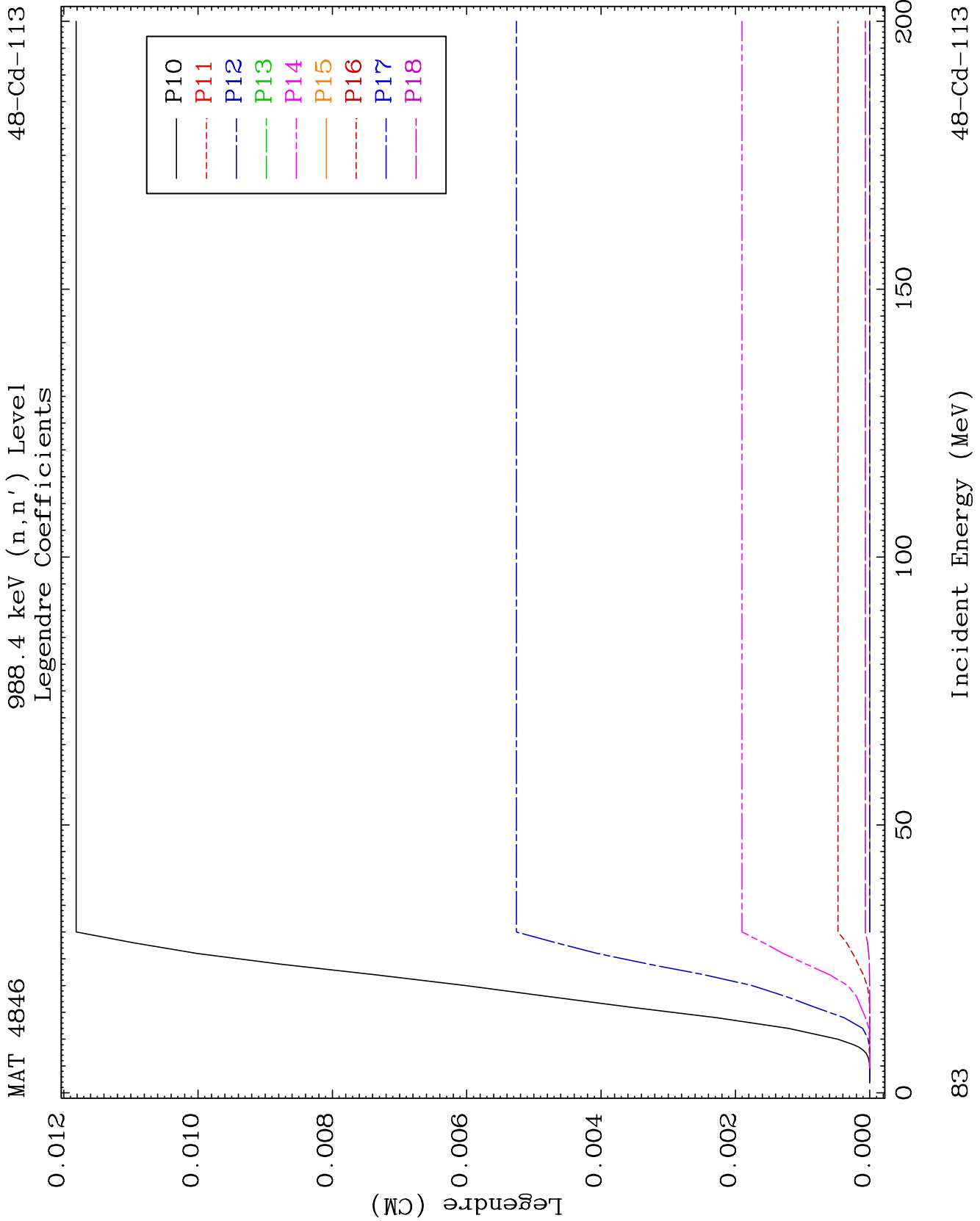
48-Cd-113

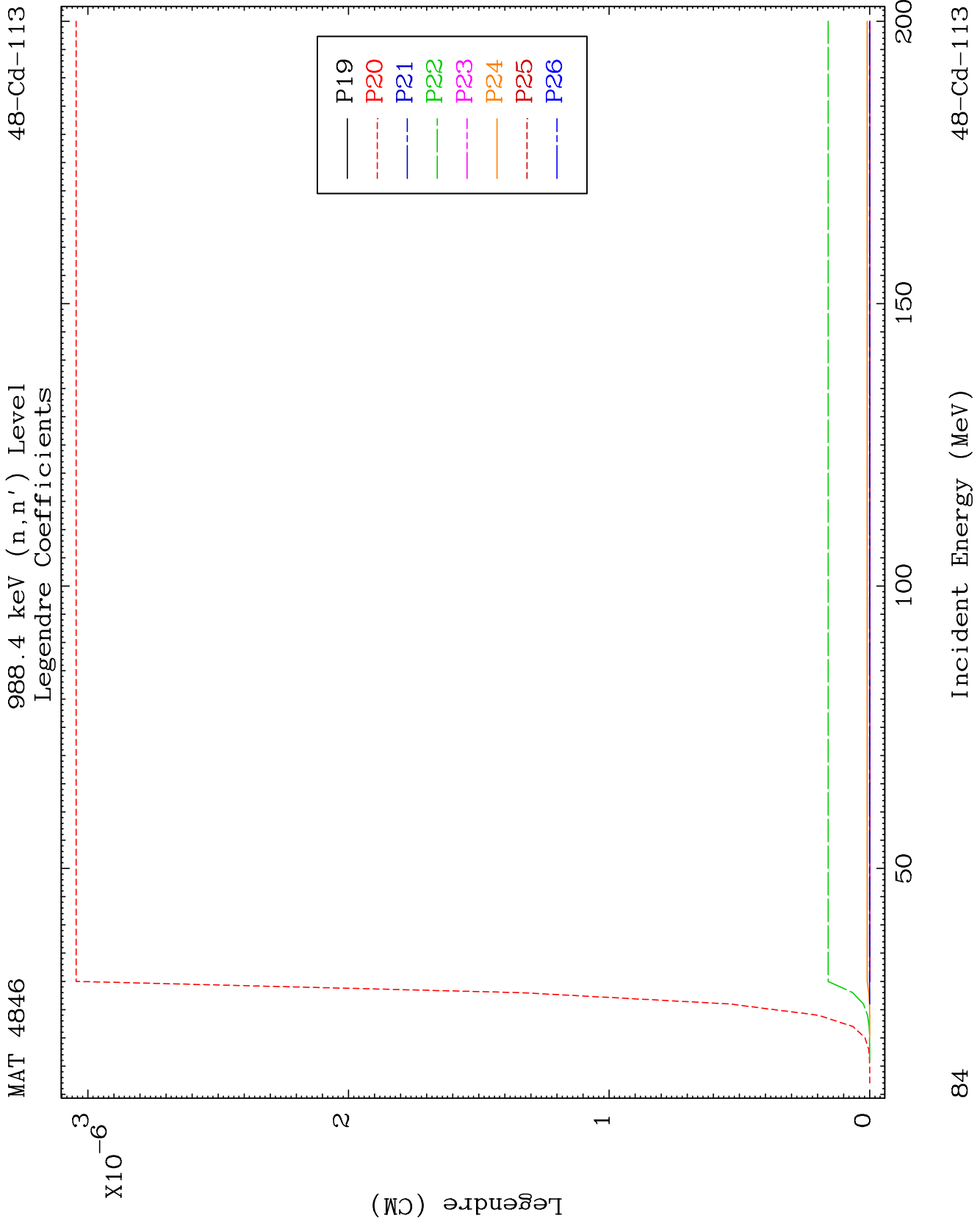


48-Cd-113

Incident Energy (MeV)



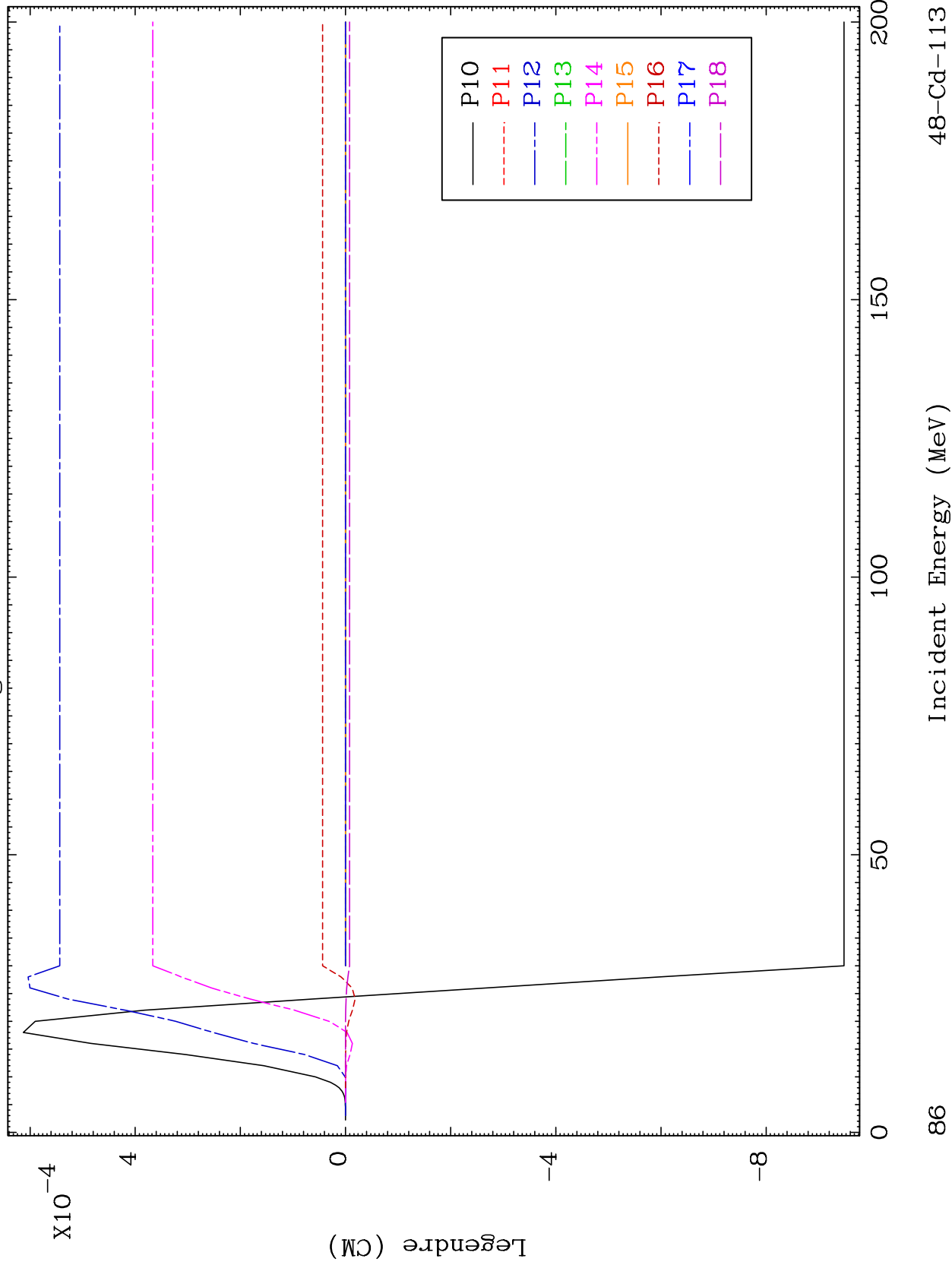




MAT 4846

999.4 keV (n,n') Level
Legendre Coefficients

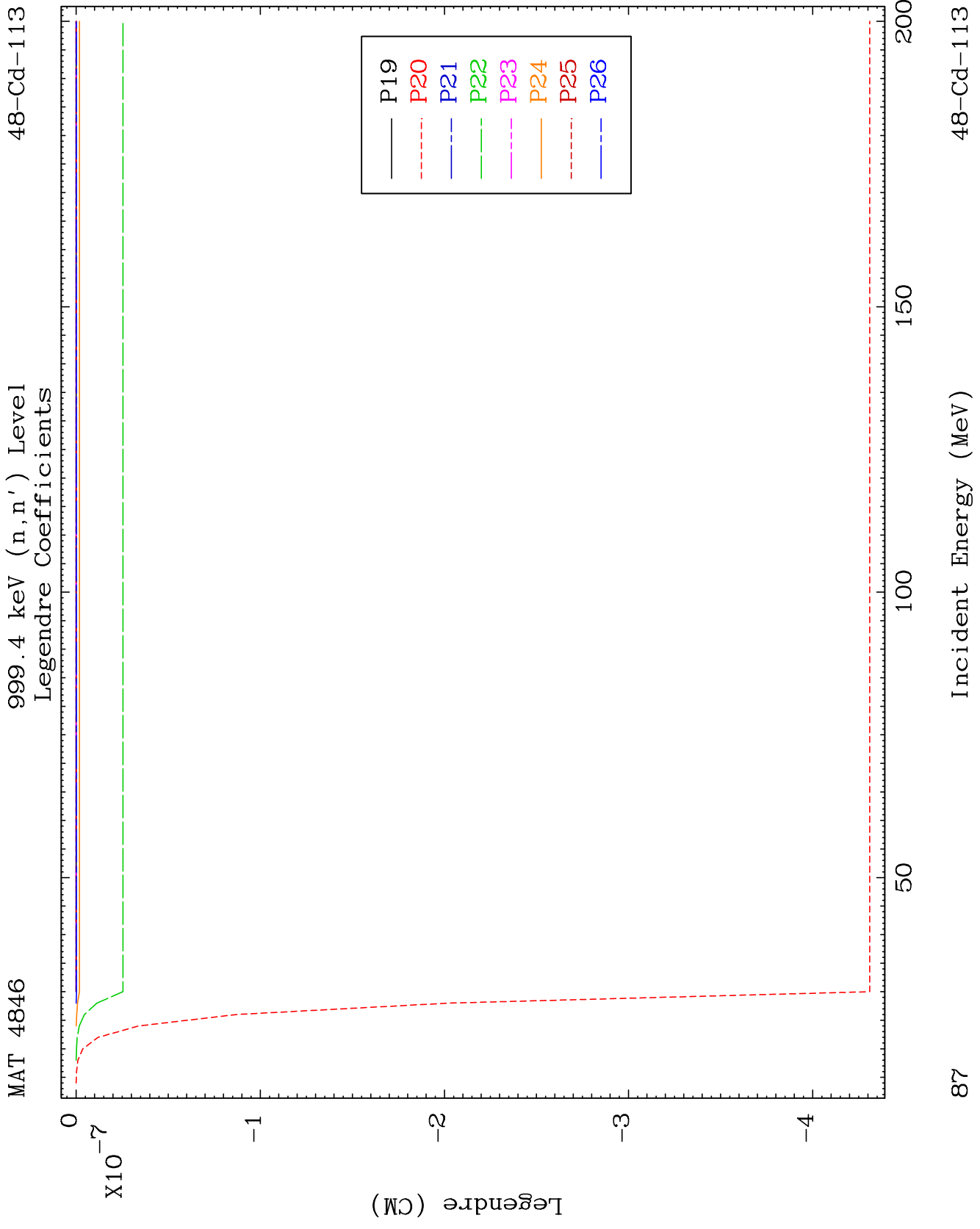
48-Cd-113



86

Incident Energy (MeV)

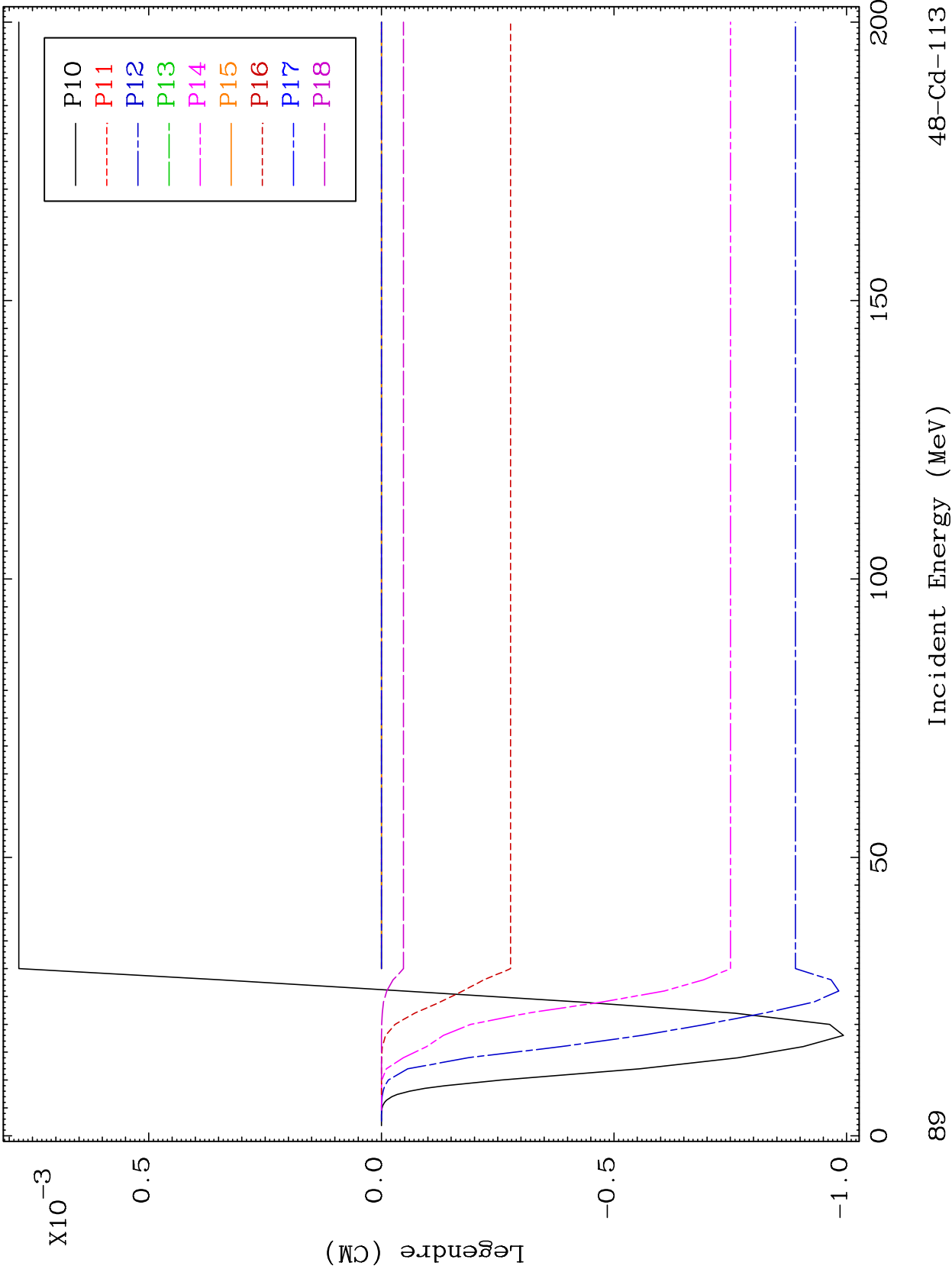
48-Cd-113



MAT 4846

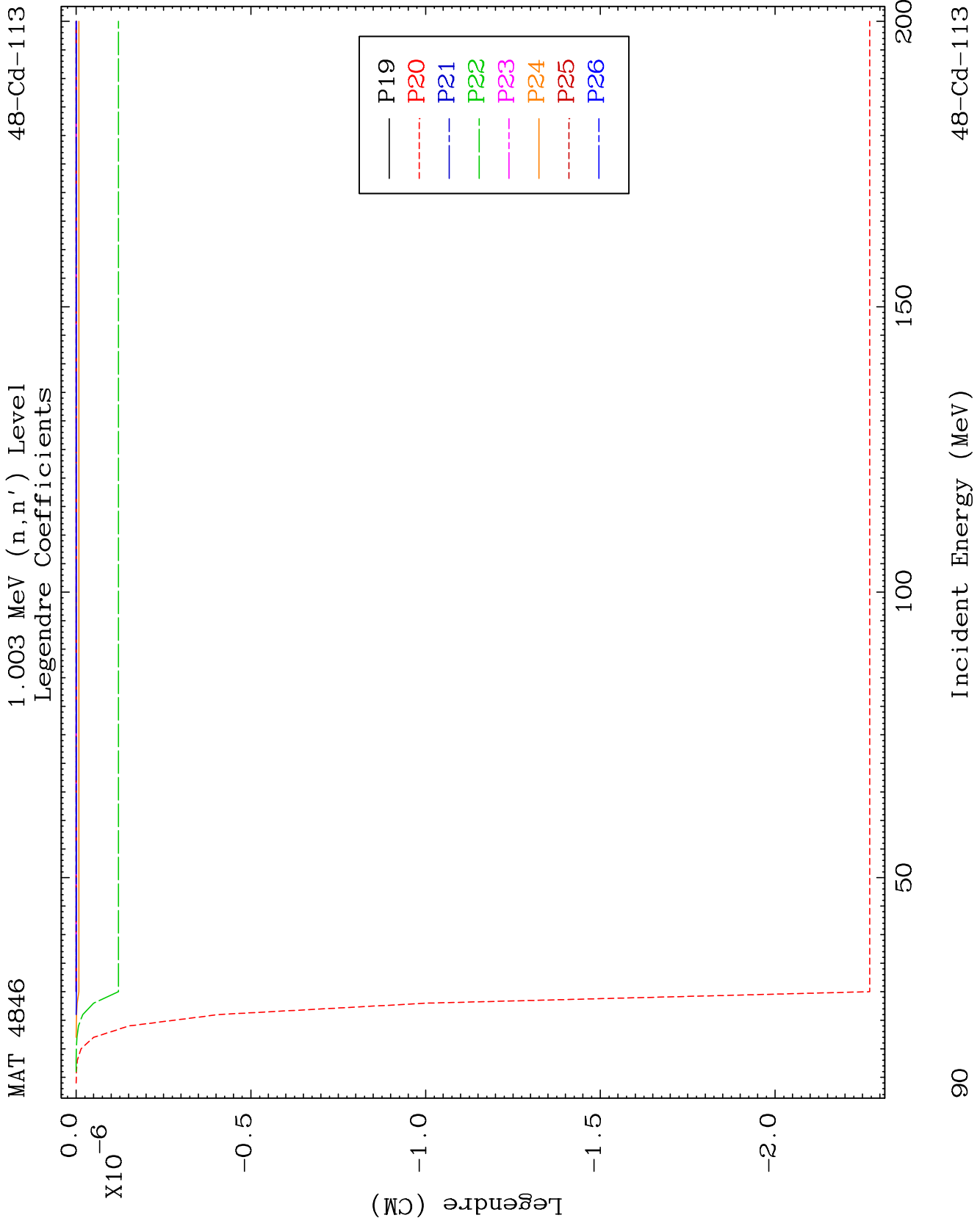
1.003 MeV (n,n') Level
Legendre Coefficients

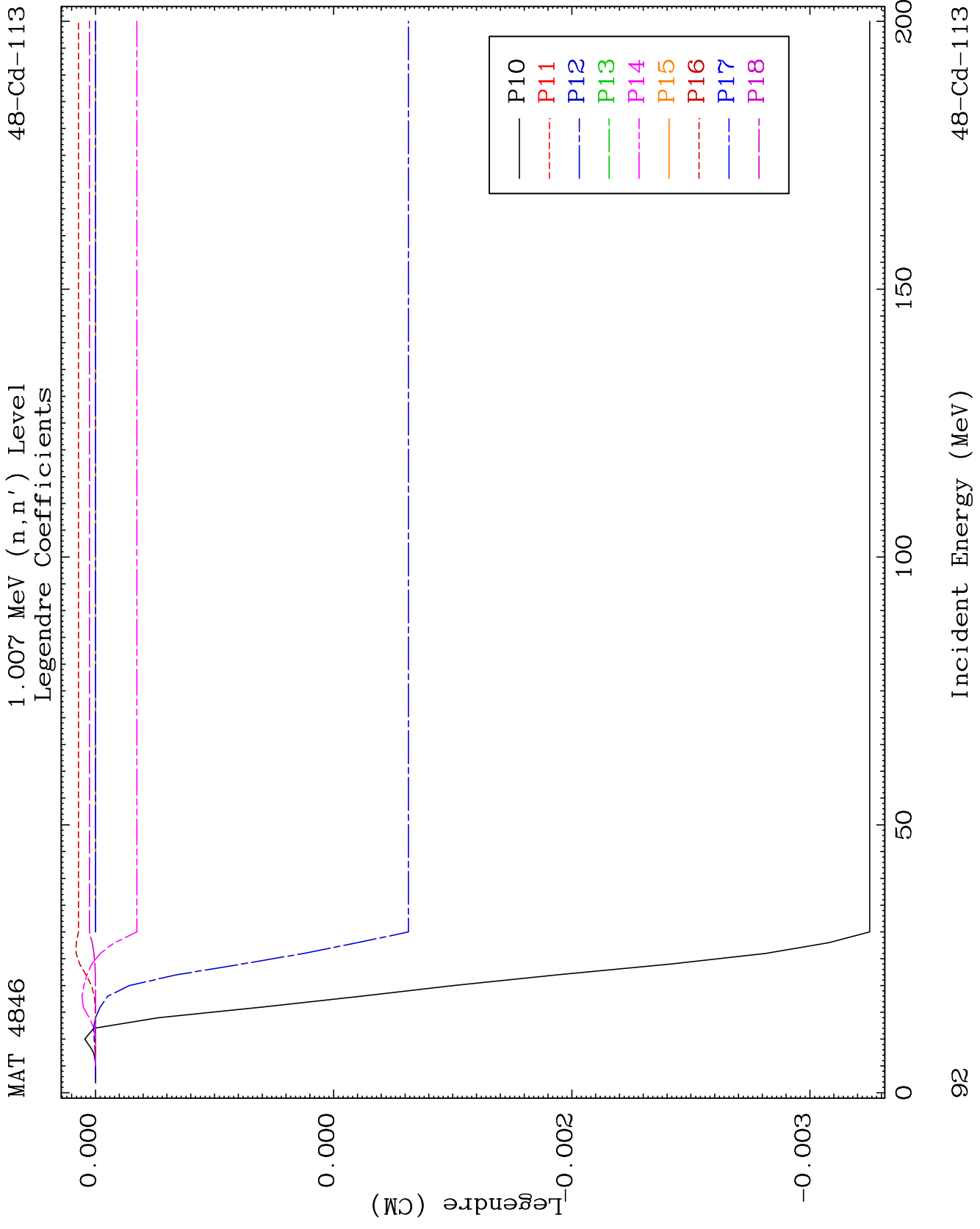
48-Cd-113

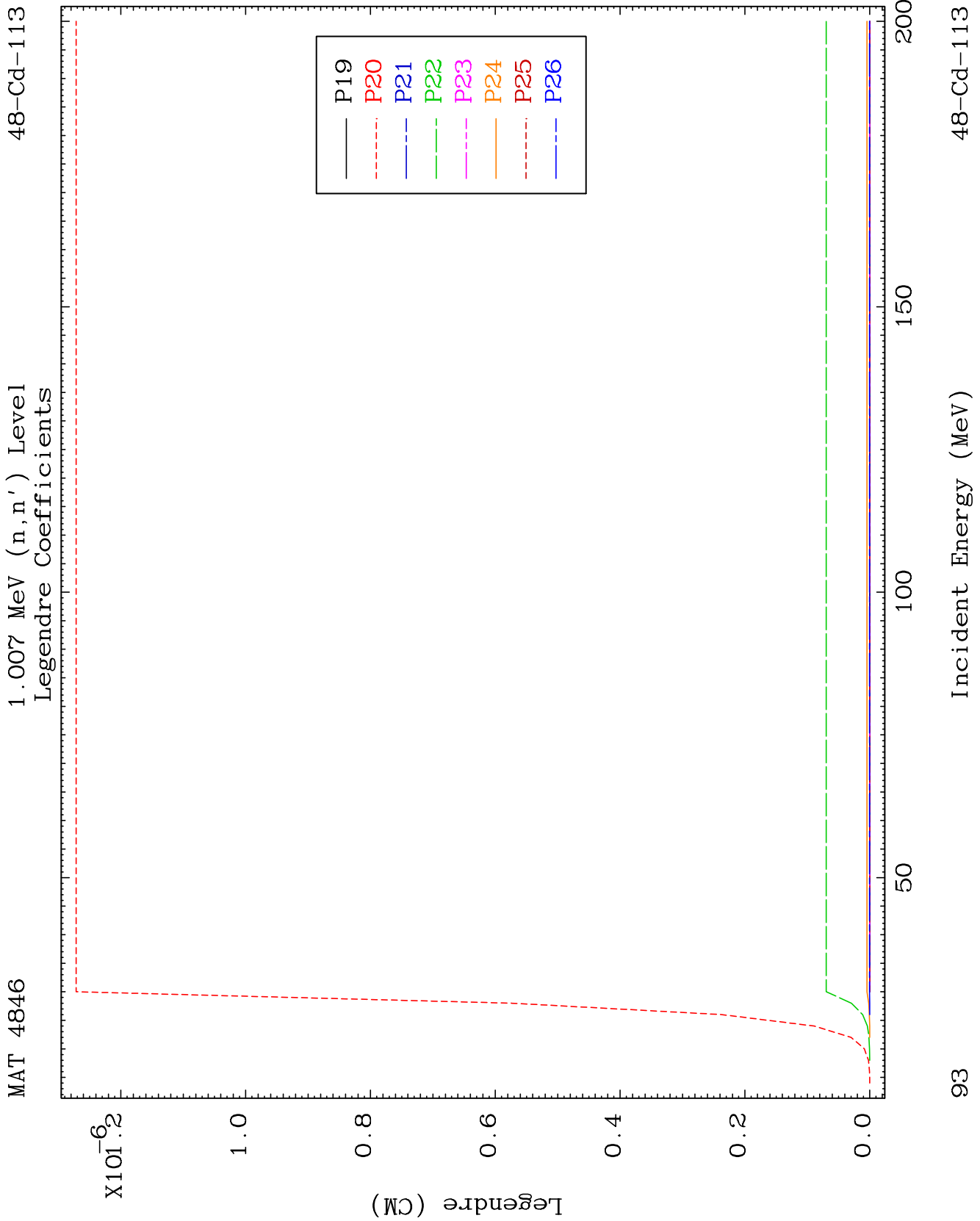


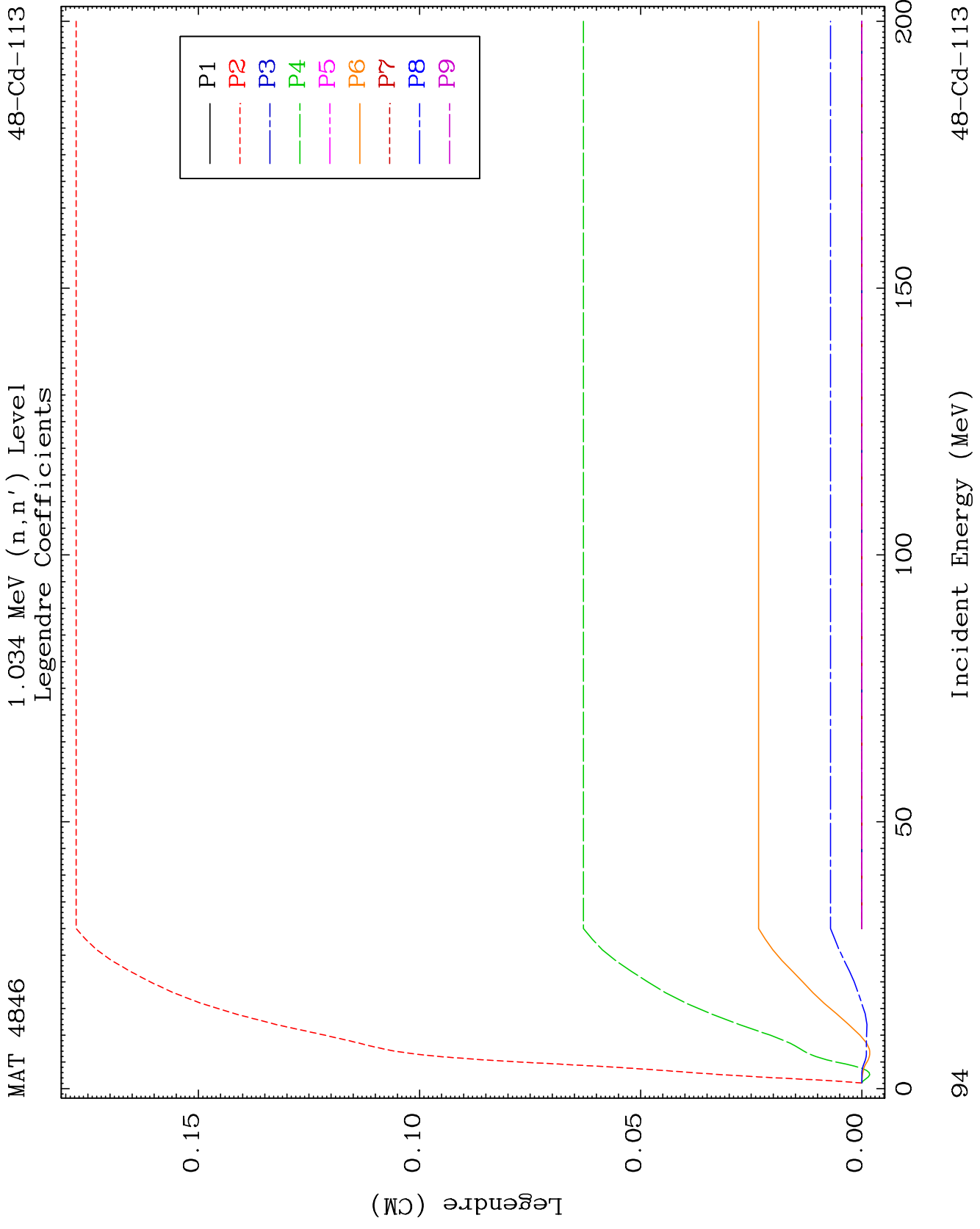
89

48-Cd-113





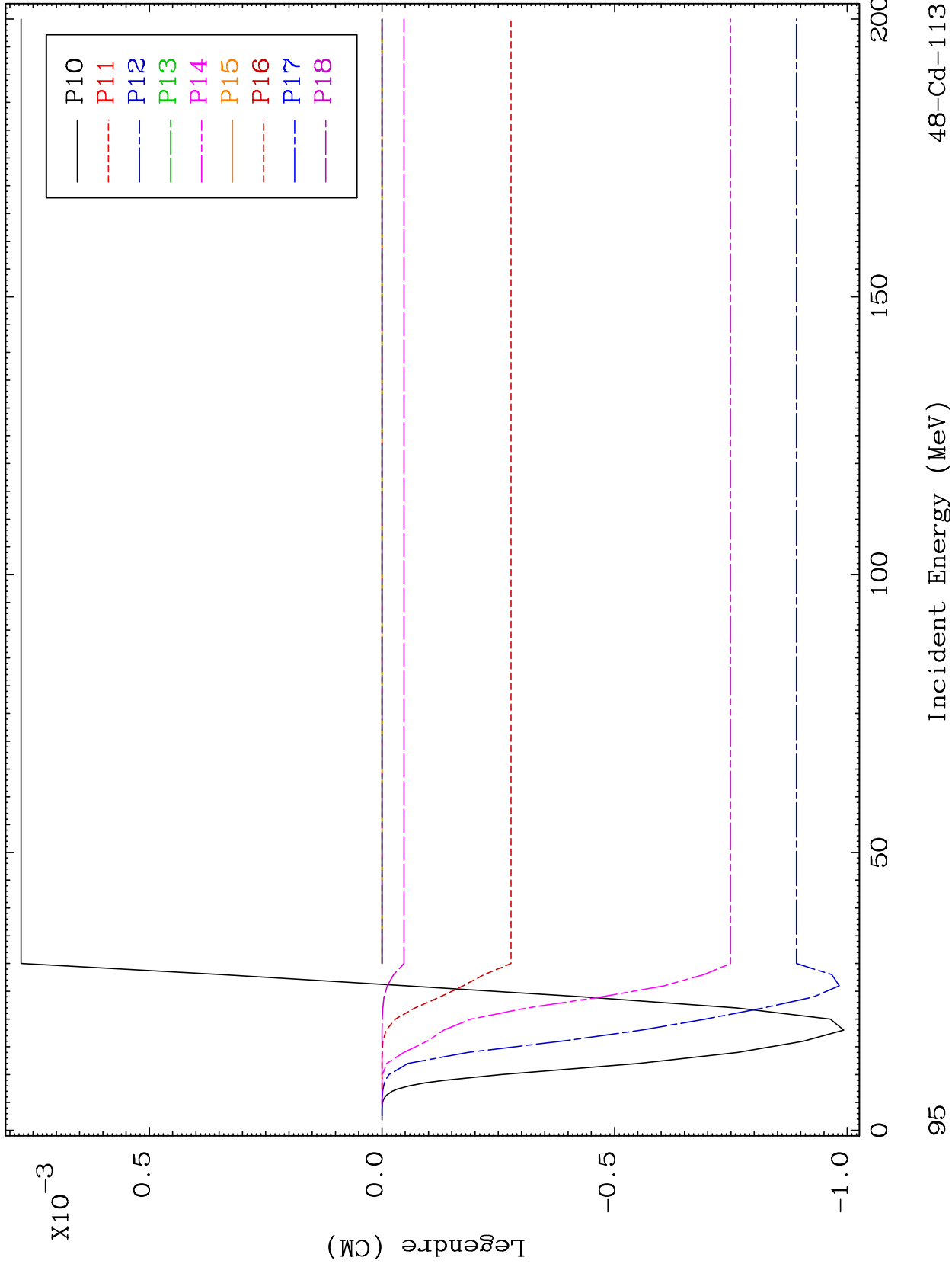




MAT 4846

1.034 MeV (n,n') Level
Legendre Coefficients

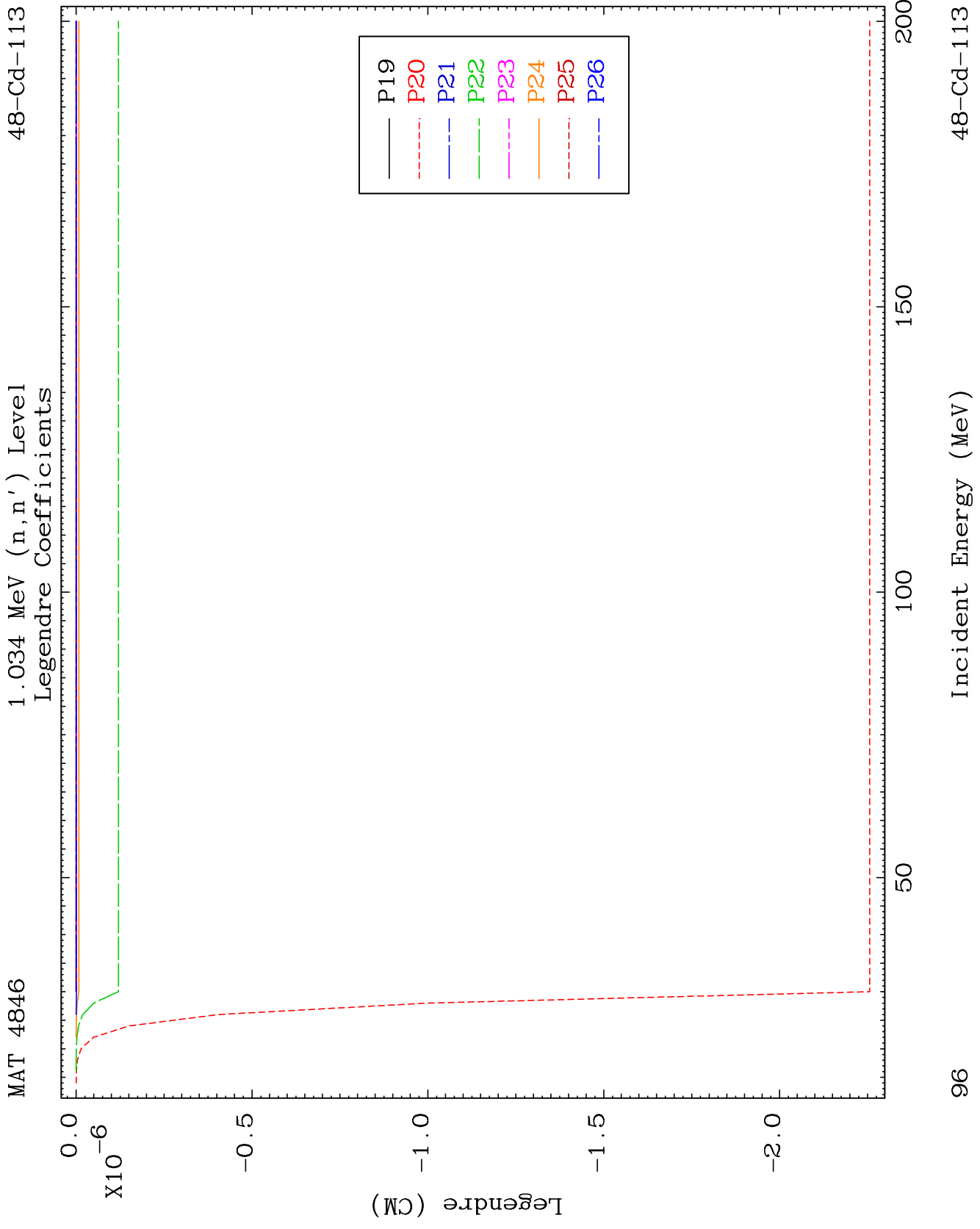
48-Cd-113



48-Cd-113

Incident Energy (MeV)

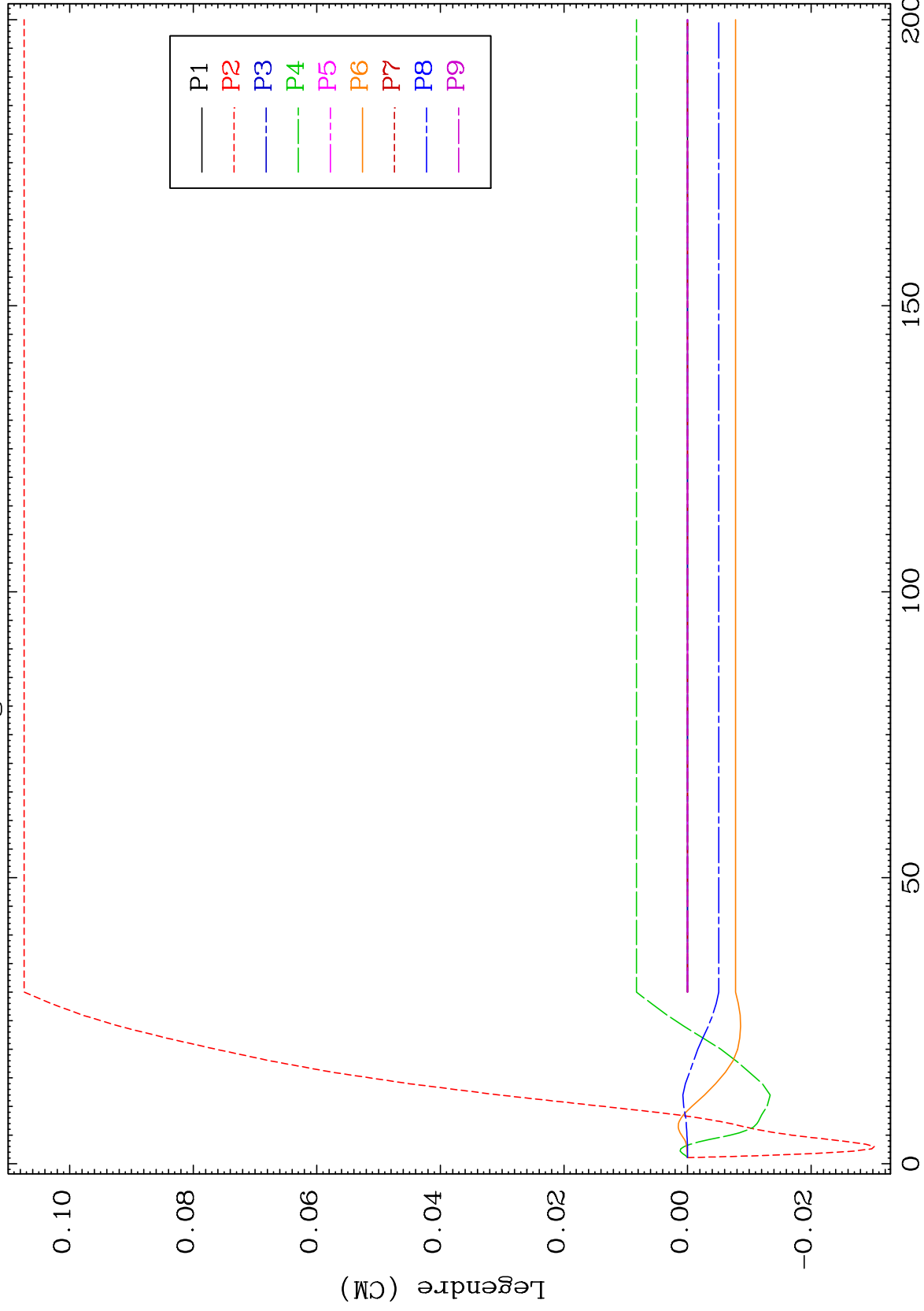
95



MAT 4846

1.037 MeV (n,n') Level
Legendre Coefficients

48-Cd-113



97

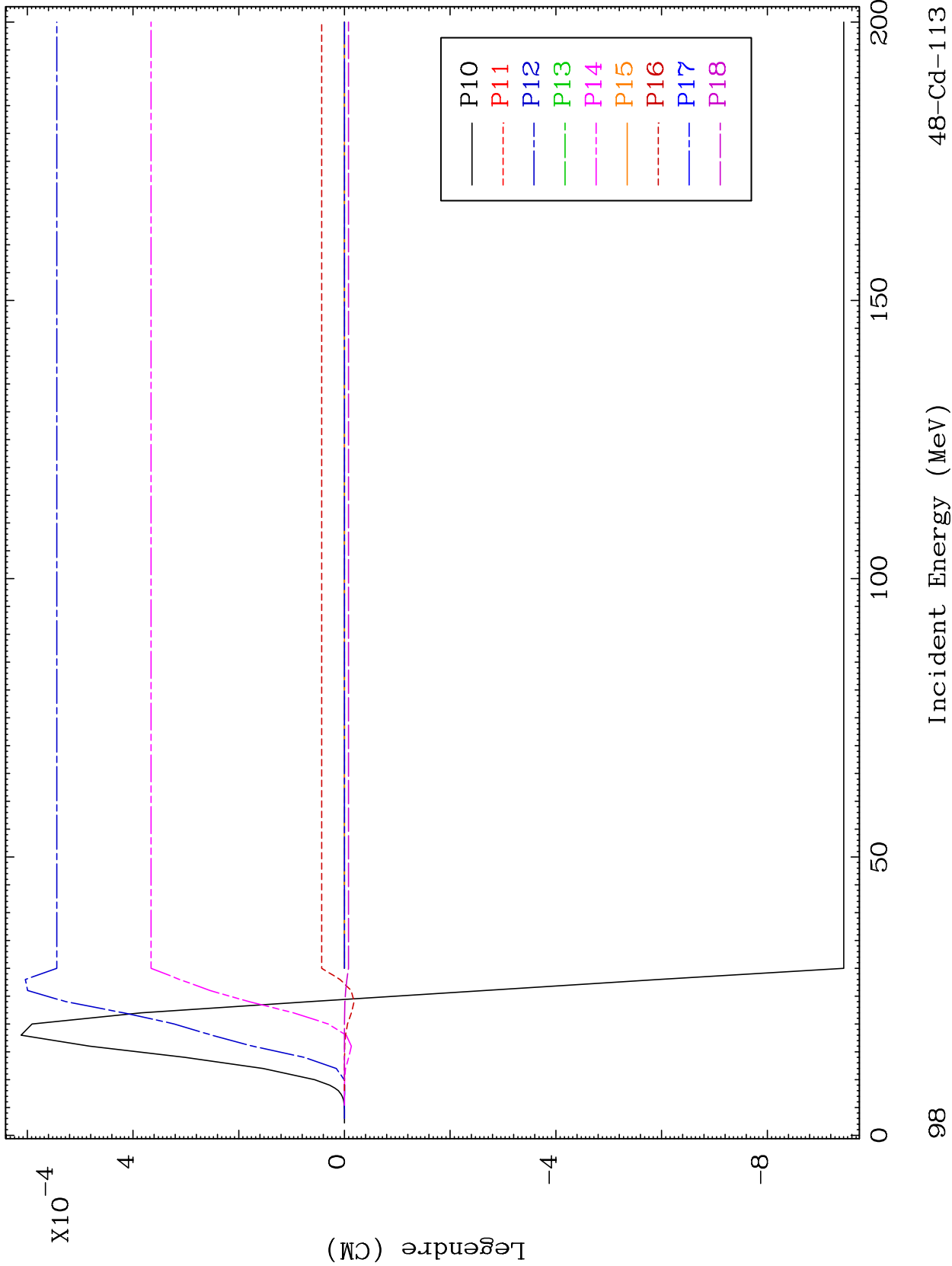
Incident Energy (MeV)

48-Cd-113

MAT 4846

1.037 MeV (n,n') Level
Legendre Coefficients

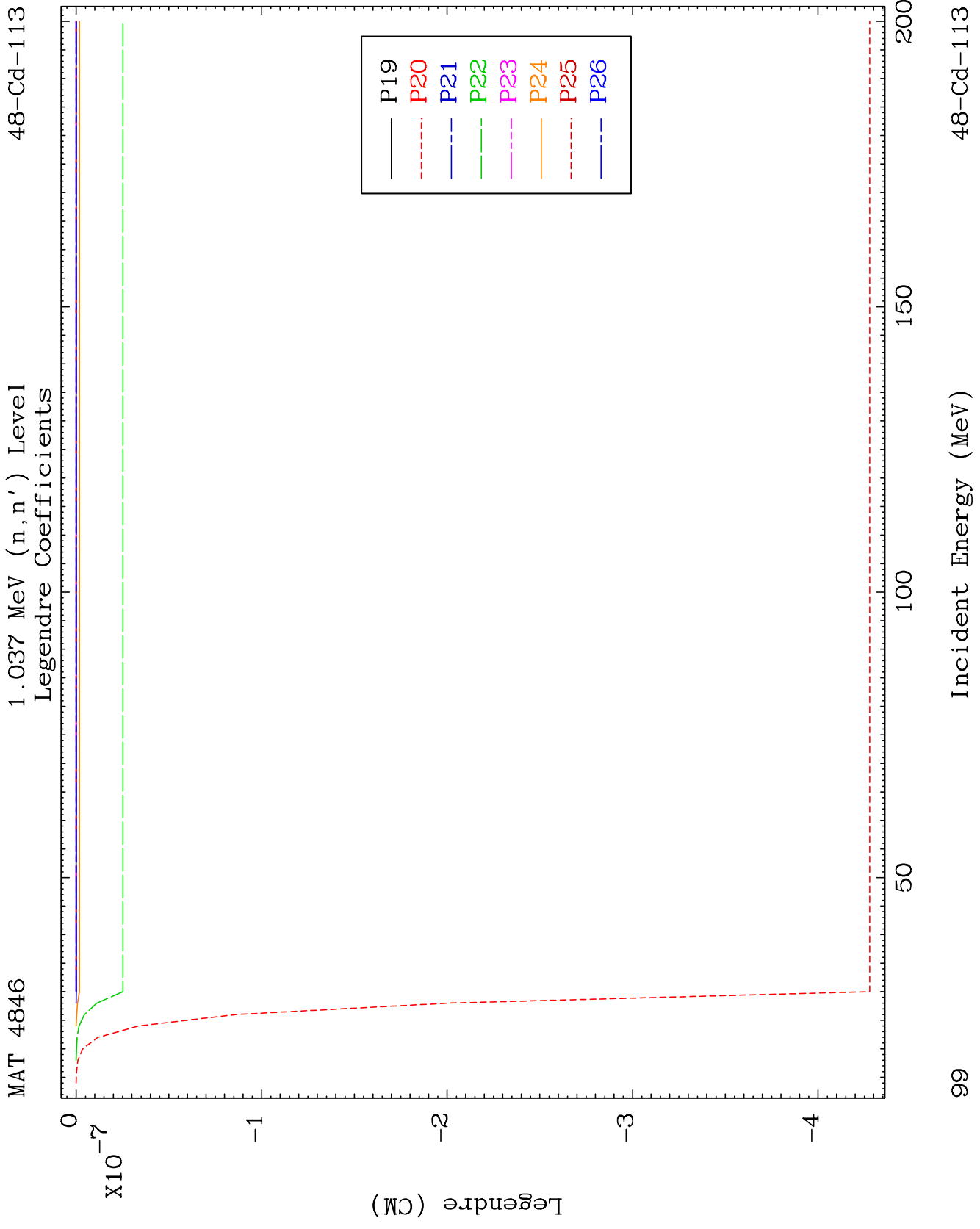
48-Cd-113



98

Incident Energy (MeV)

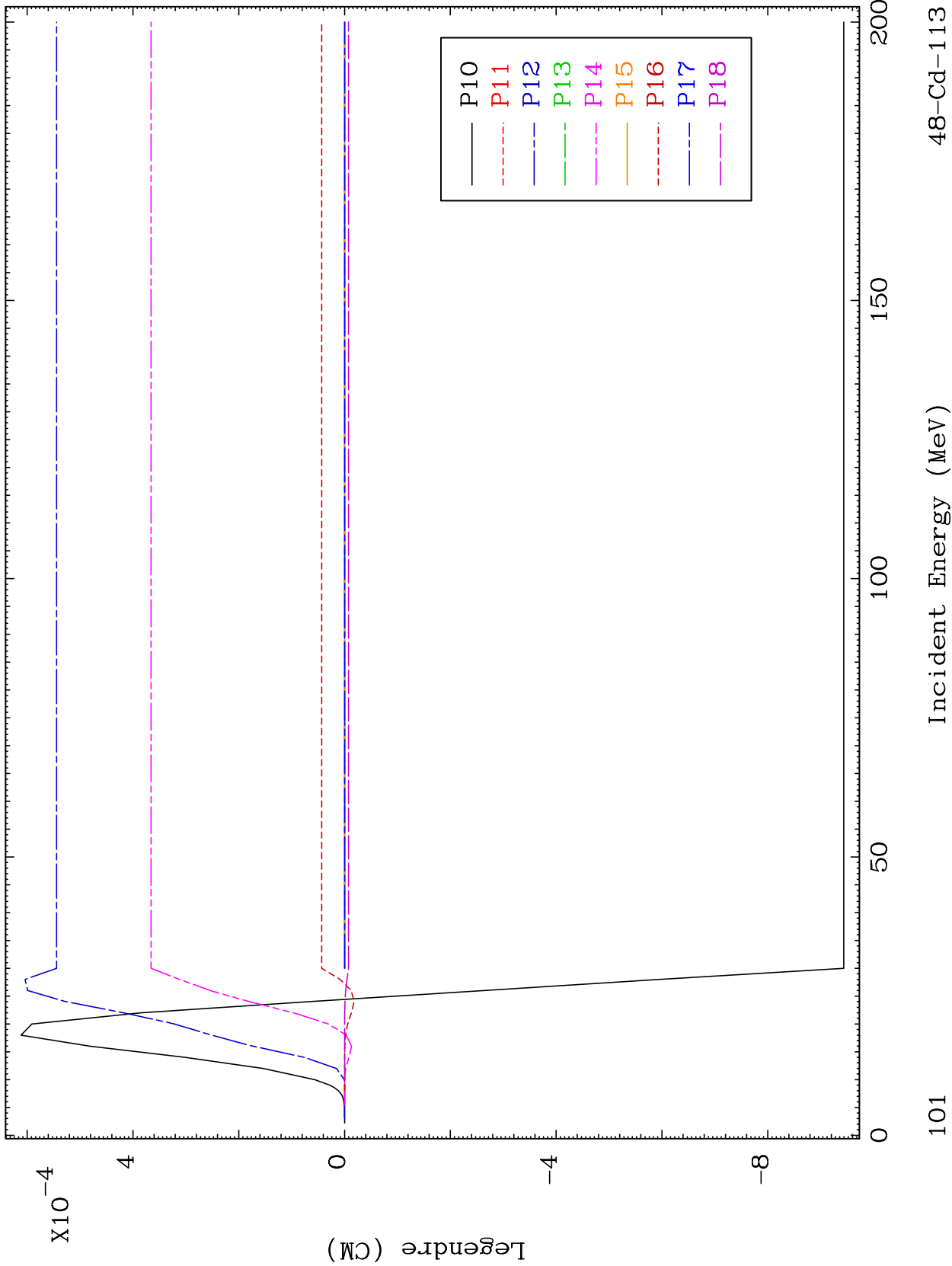
48-Cd-113



MAT 4846

1.048 MeV (n,n') Level
Legendre Coefficients

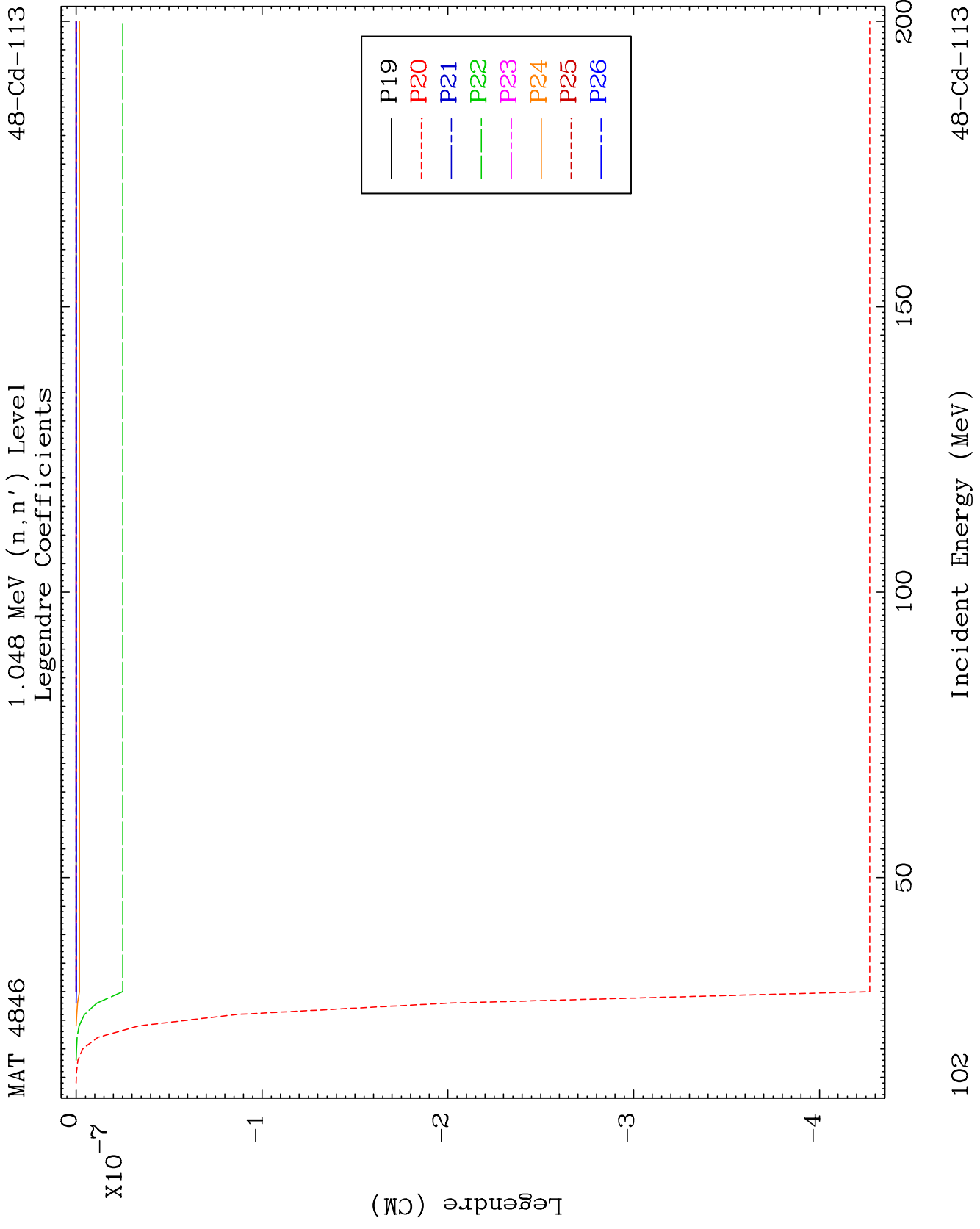
48-Cd-113

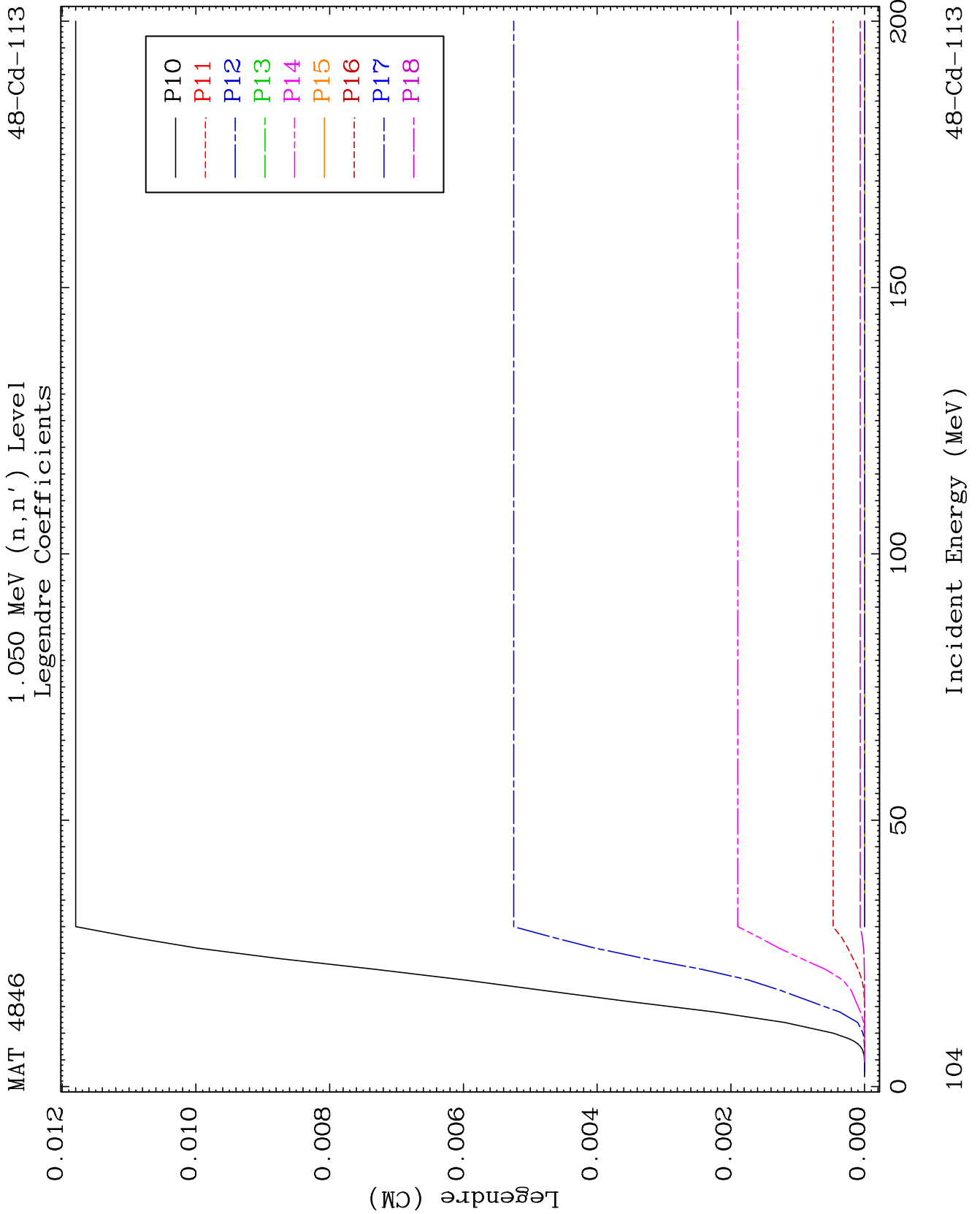


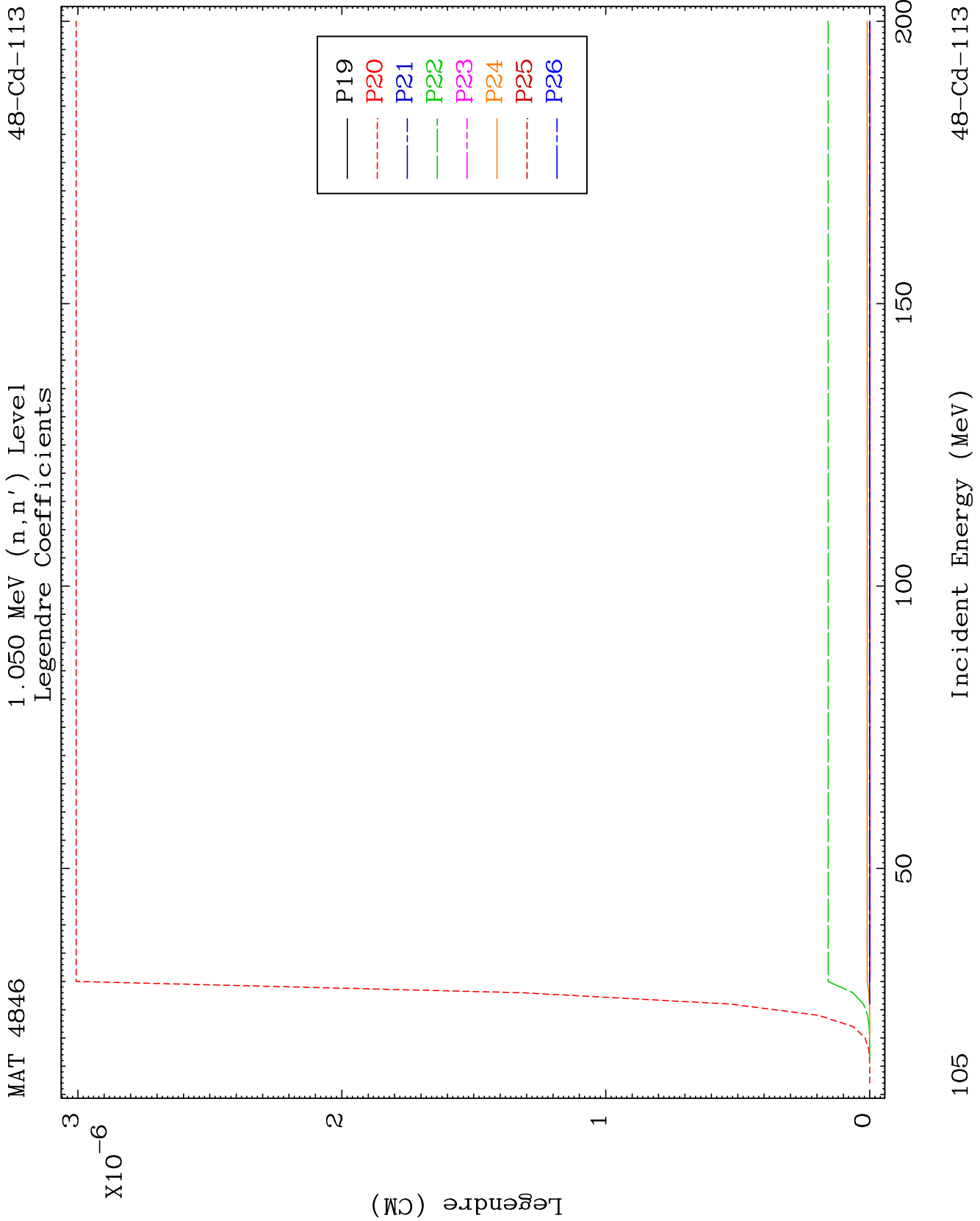
101

Incident Energy (MeV)

48-Cd-113



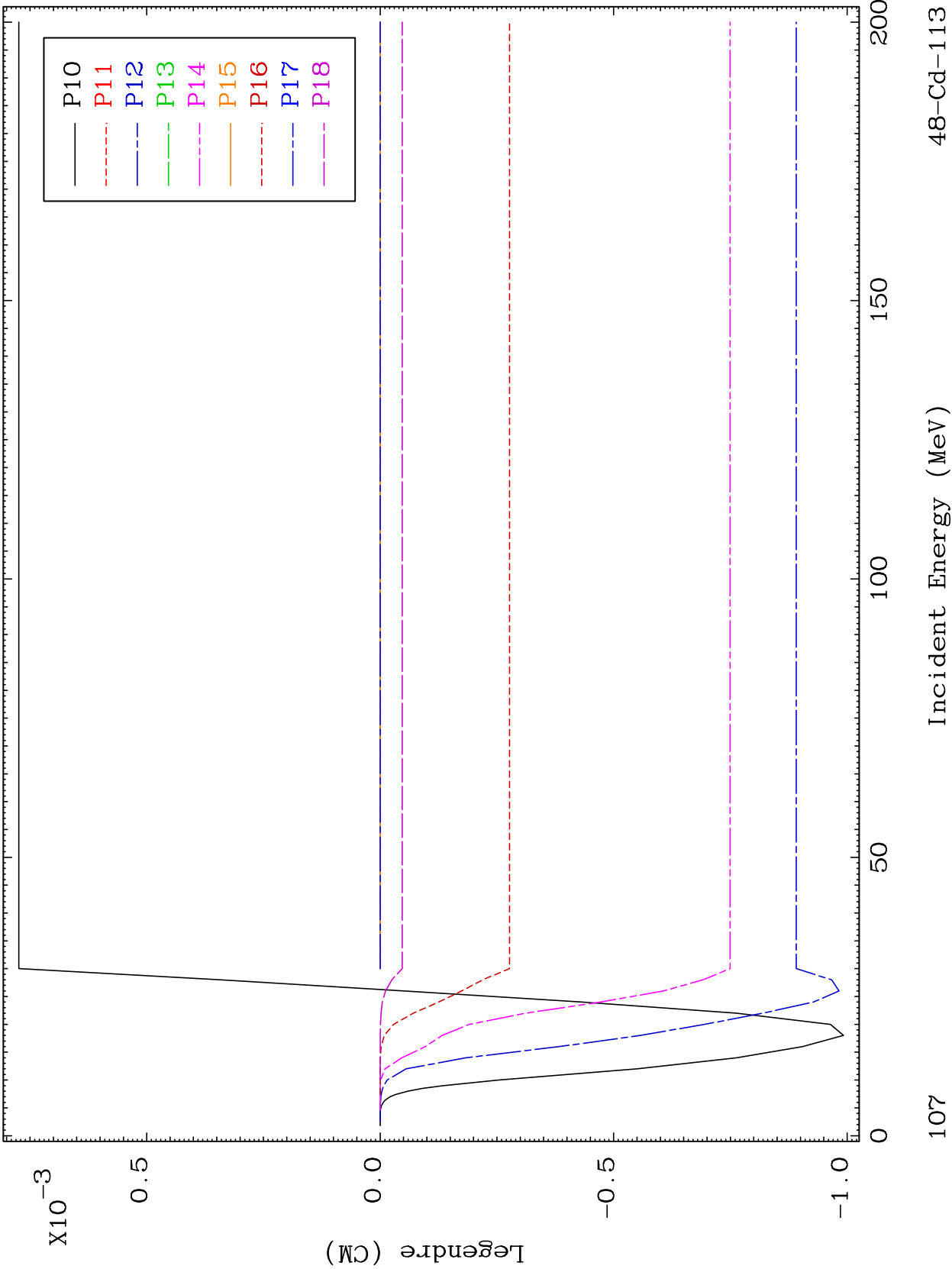




MAT 4846

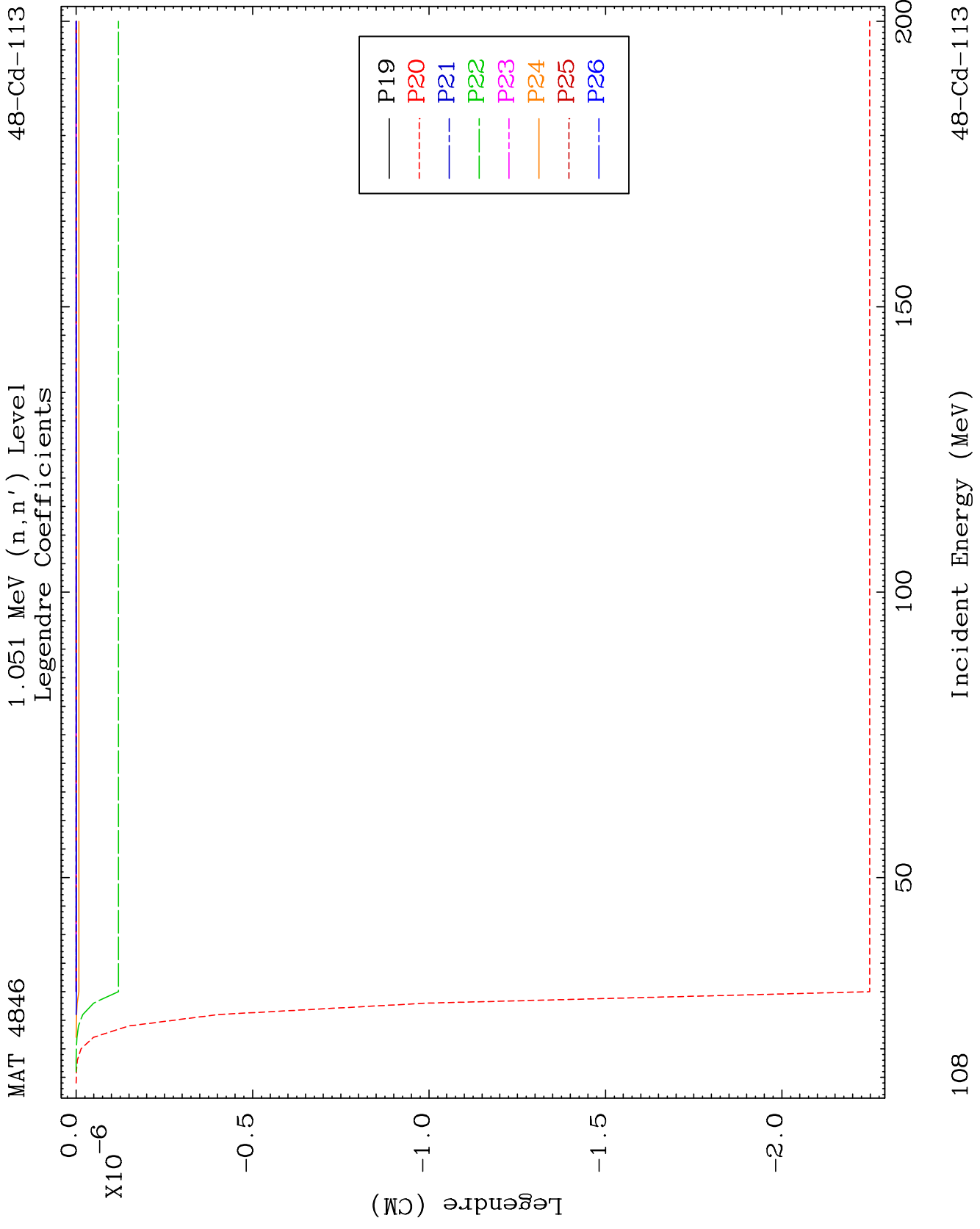
1.051 MeV (n,n') Level
Legendre Coefficients

48-Cd-113



107

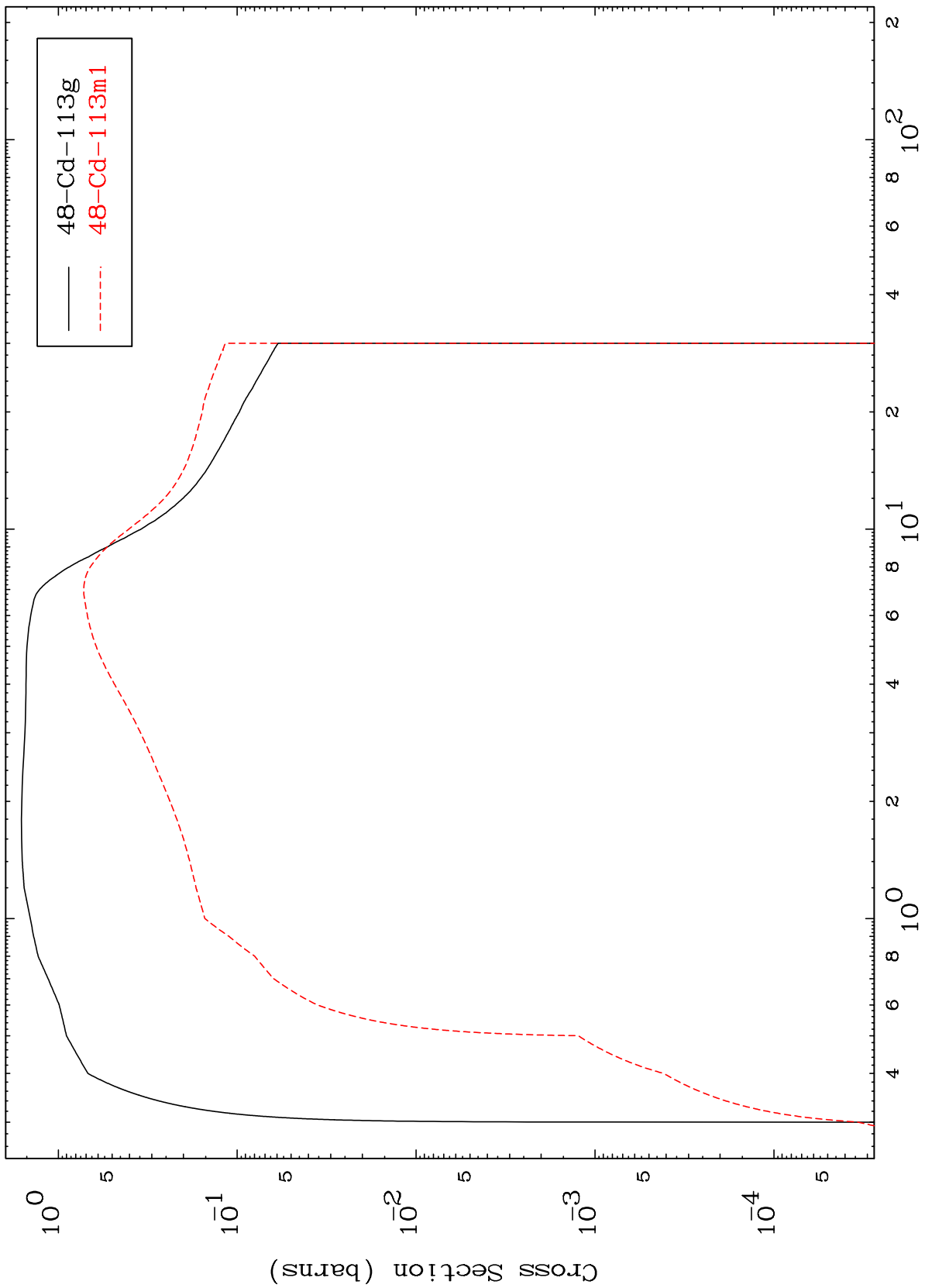
48-Cd-113



MAT 4846

48-Cd-113

Inelastic
Radionuclide Production Cross Section



— 48-Cd-113g
- - - 48-Cd-113m1

109

Incident Energy (MeV)

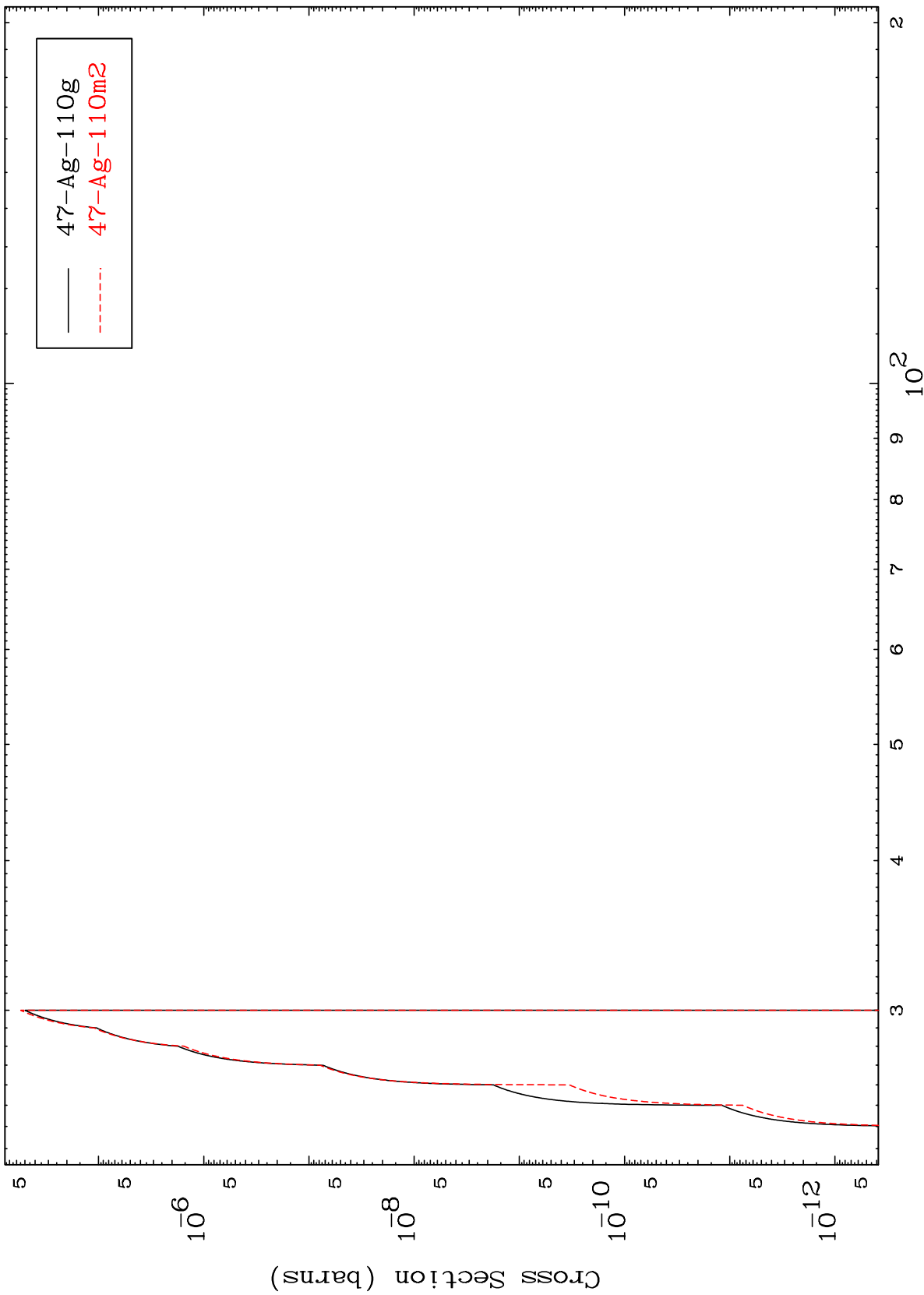
48-Cd-113

MAT 4846

(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



110

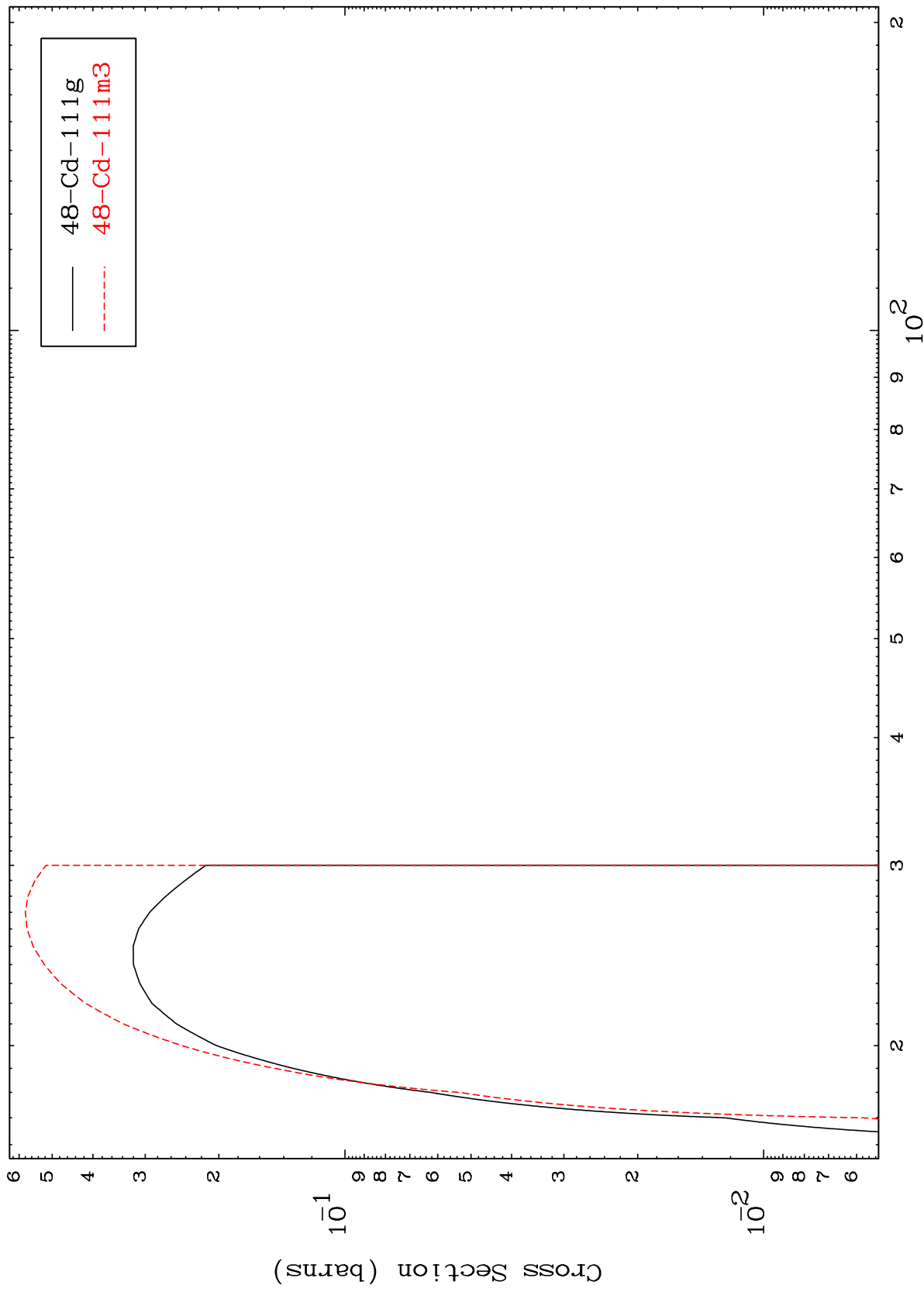
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,3n)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

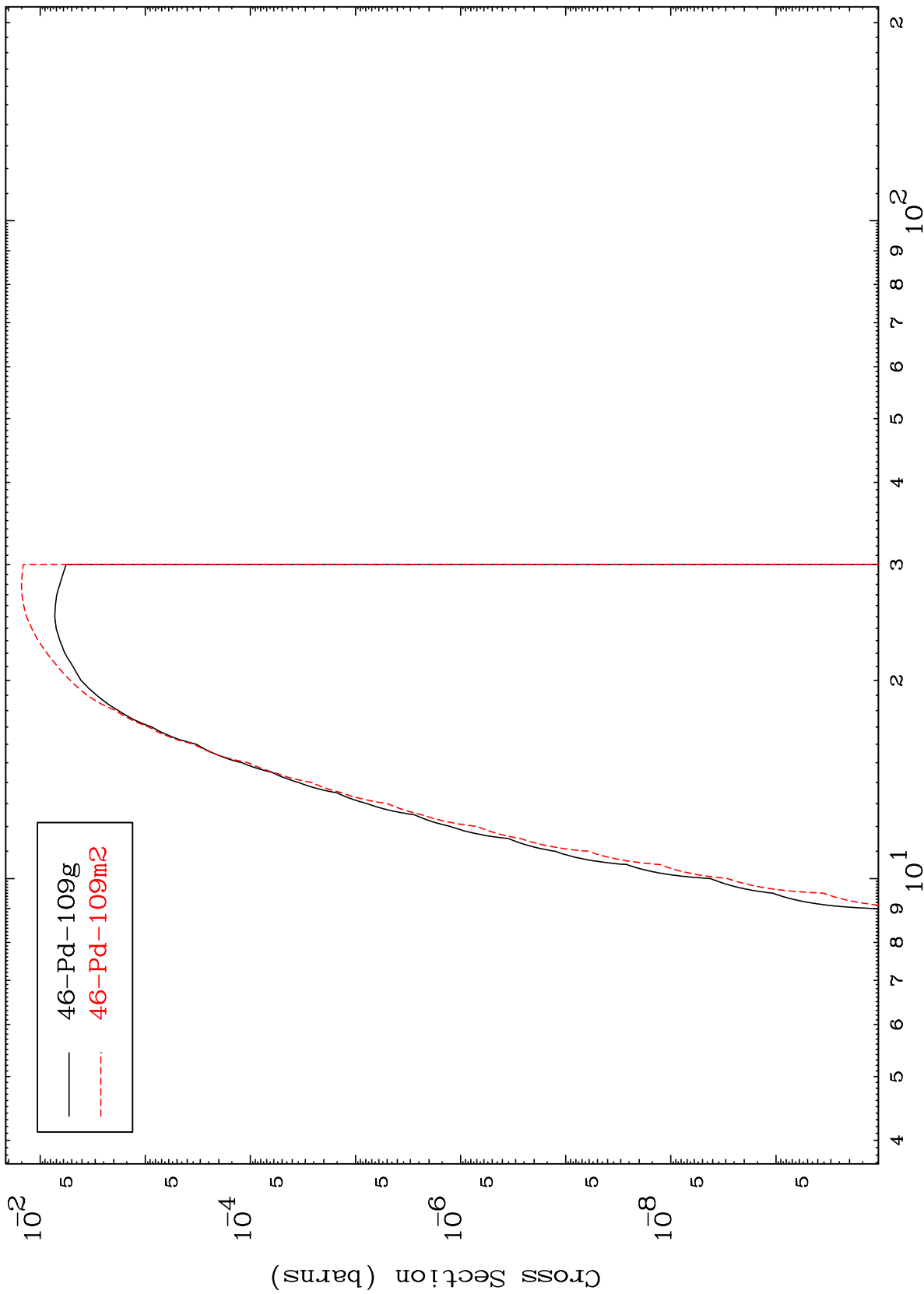
48-Cd-113

MAT 4846

(n,n') α

48-Cd-113

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

112

Incident Energy (MeV)

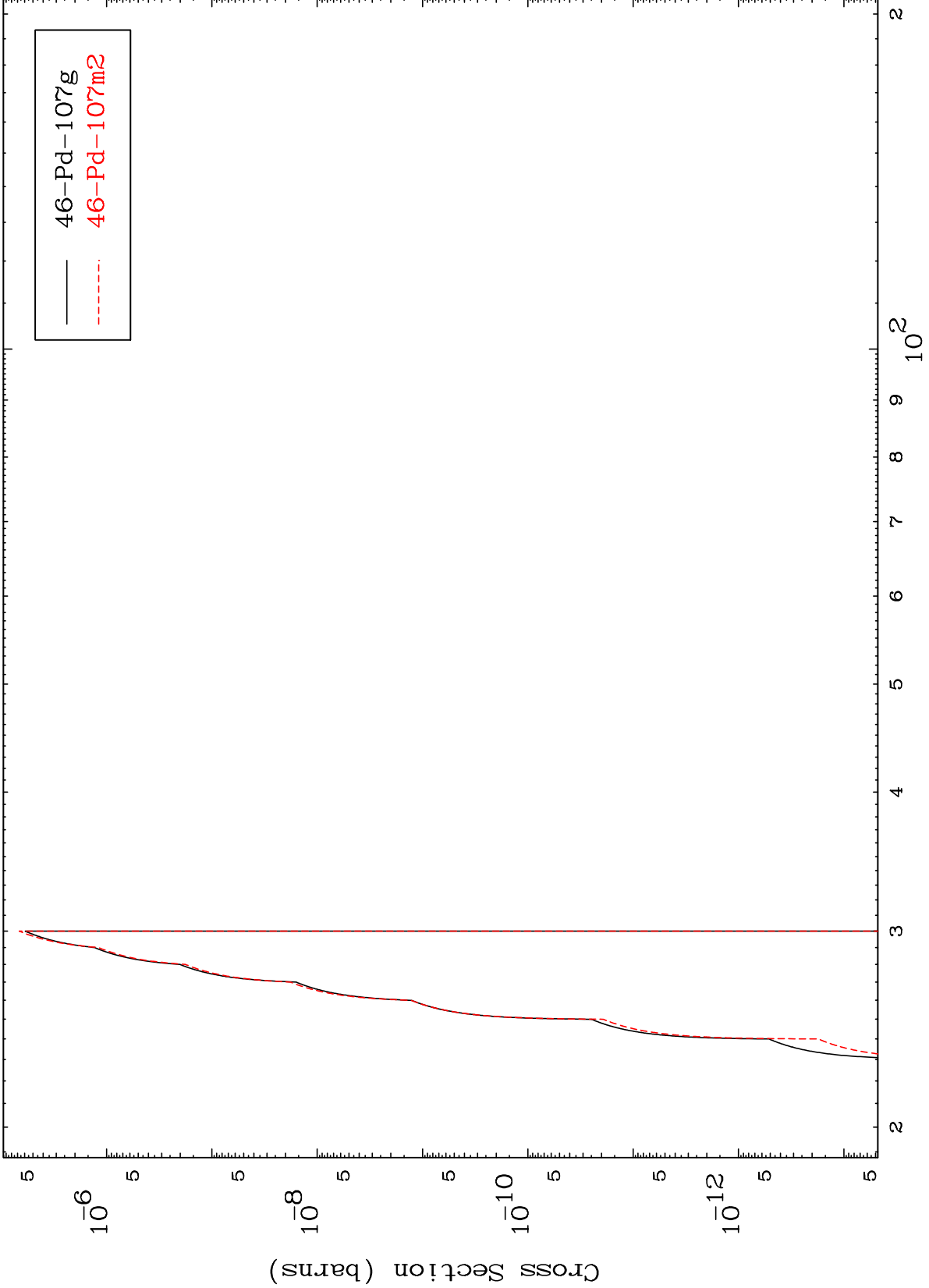
48-Cd-113

MAT 4846

(n,3n) α

48-Cd-113

Radionuclide Production Cross Section



113

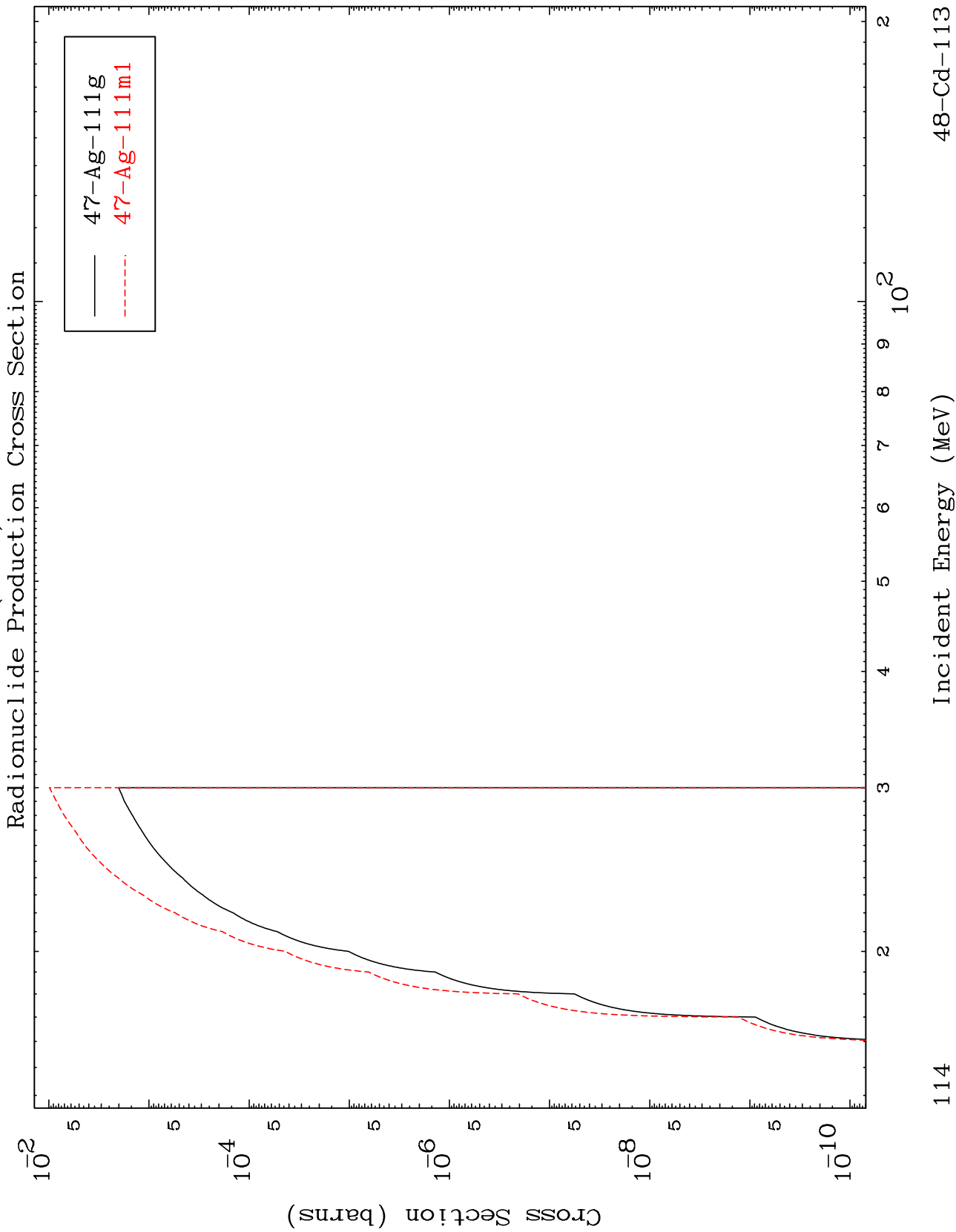
Incident Energy (MeV)

48-Cd-113

MAT 4846

(n,n') d

48-Cd-113



114

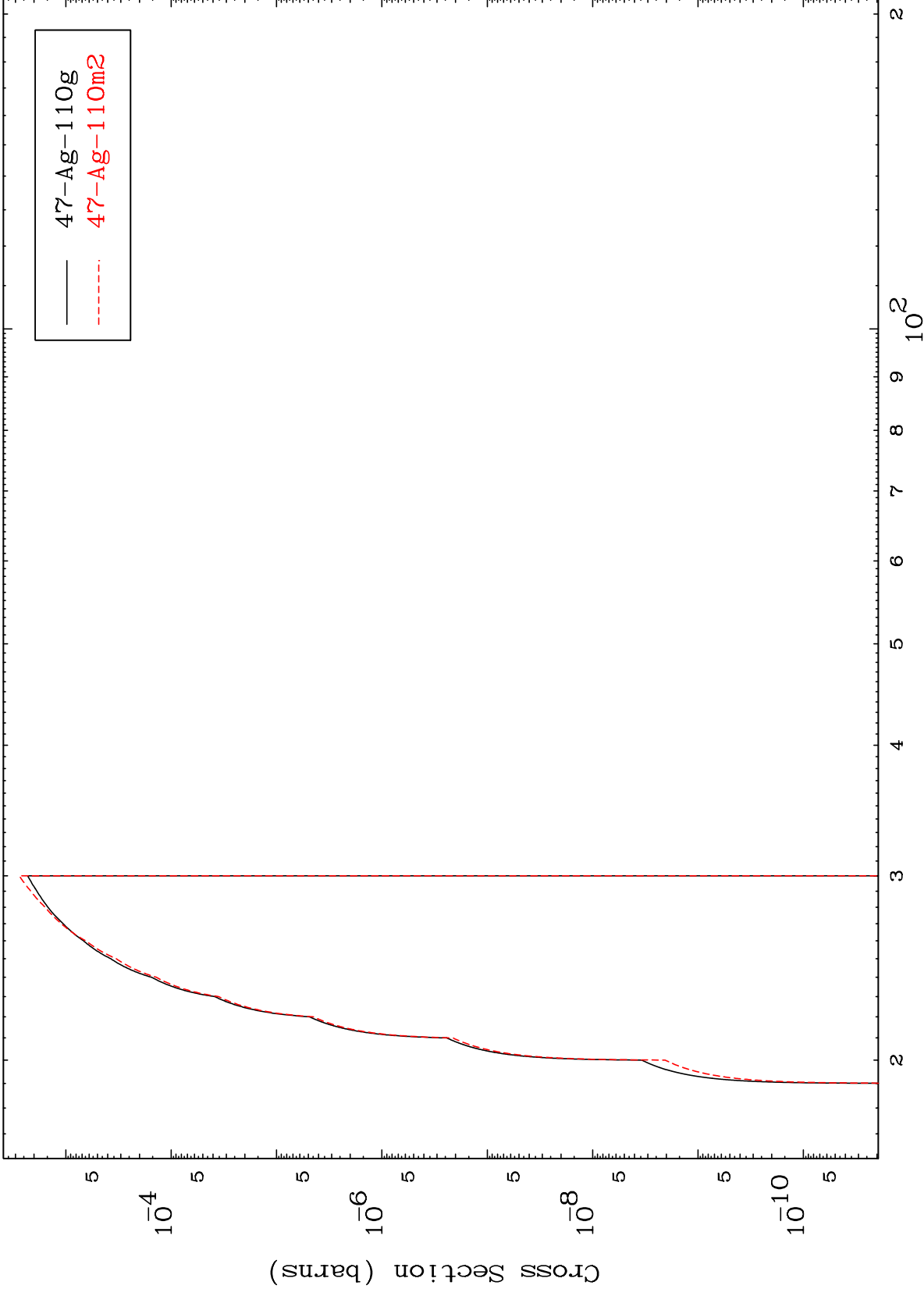
48-Cd-113

MAT 4846

(n,n') t

48-Cd-113

Radionuclide Production Cross Section



115

Incident Energy (MeV)

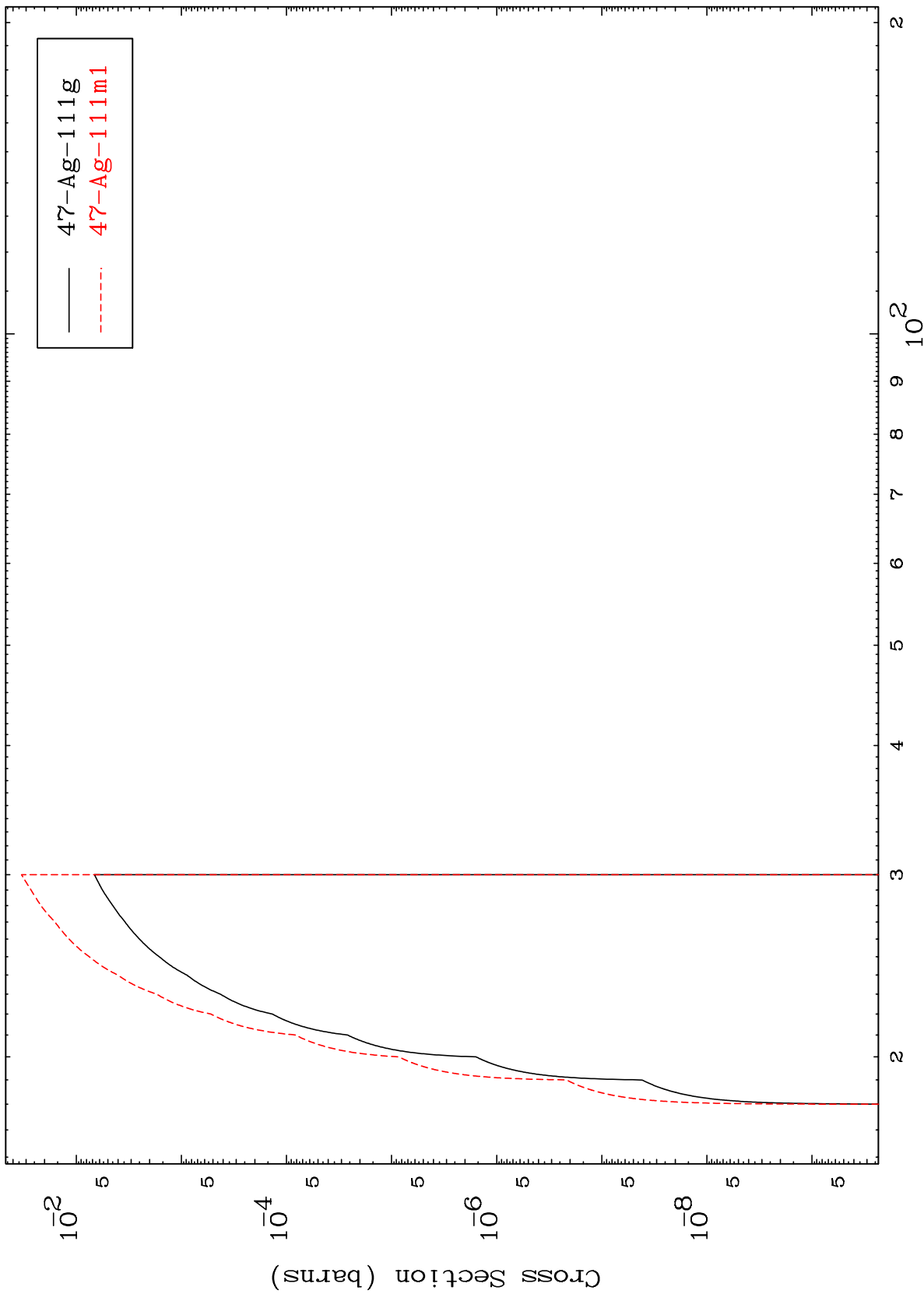
48-Cd-113

MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section



116

Incident Energy (MeV)

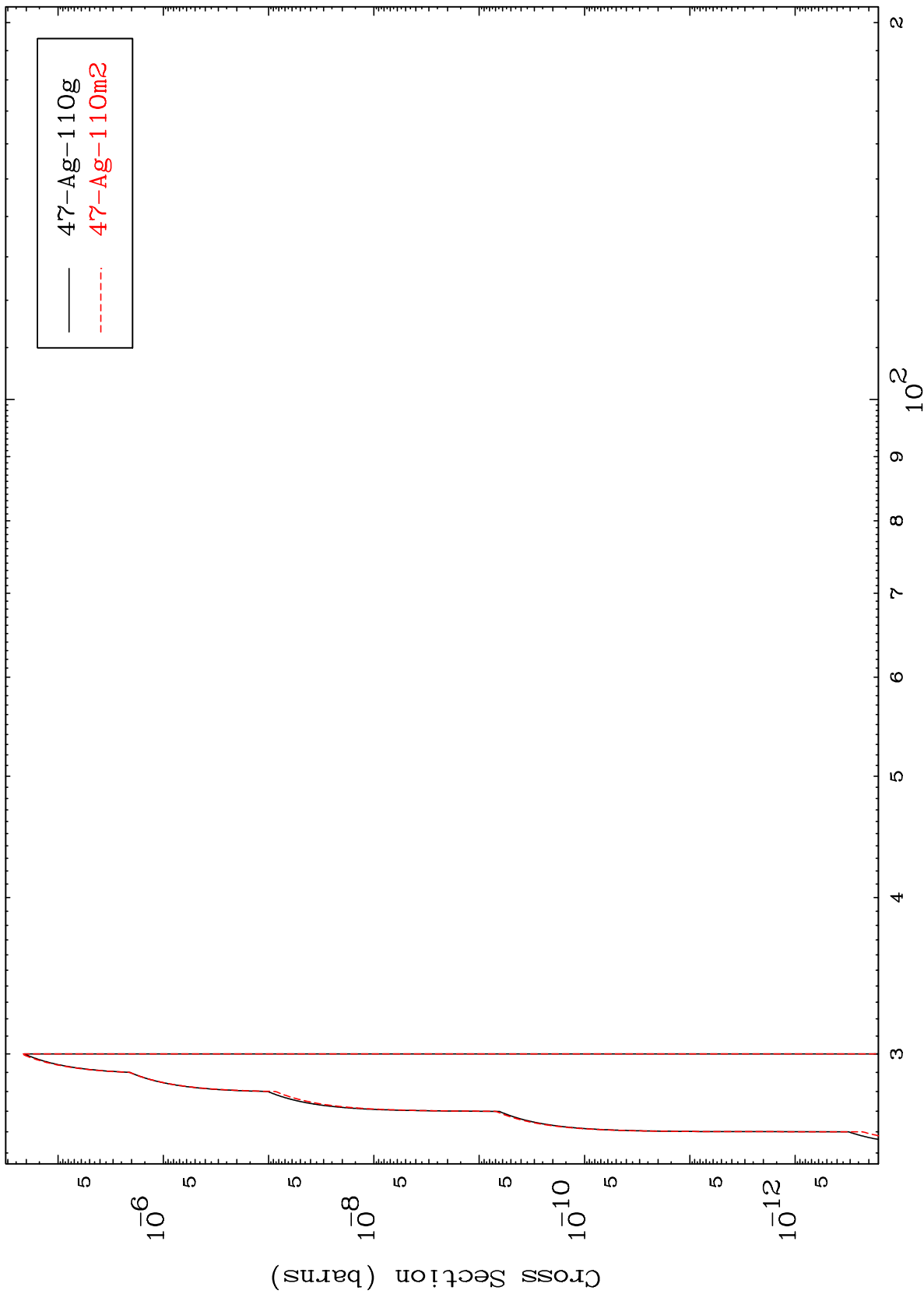
48-Cd-113

MAT 4846

(n,3n) p

48-Cd-113

Radionuclide Production Cross Section



117

Incident Energy (MeV)

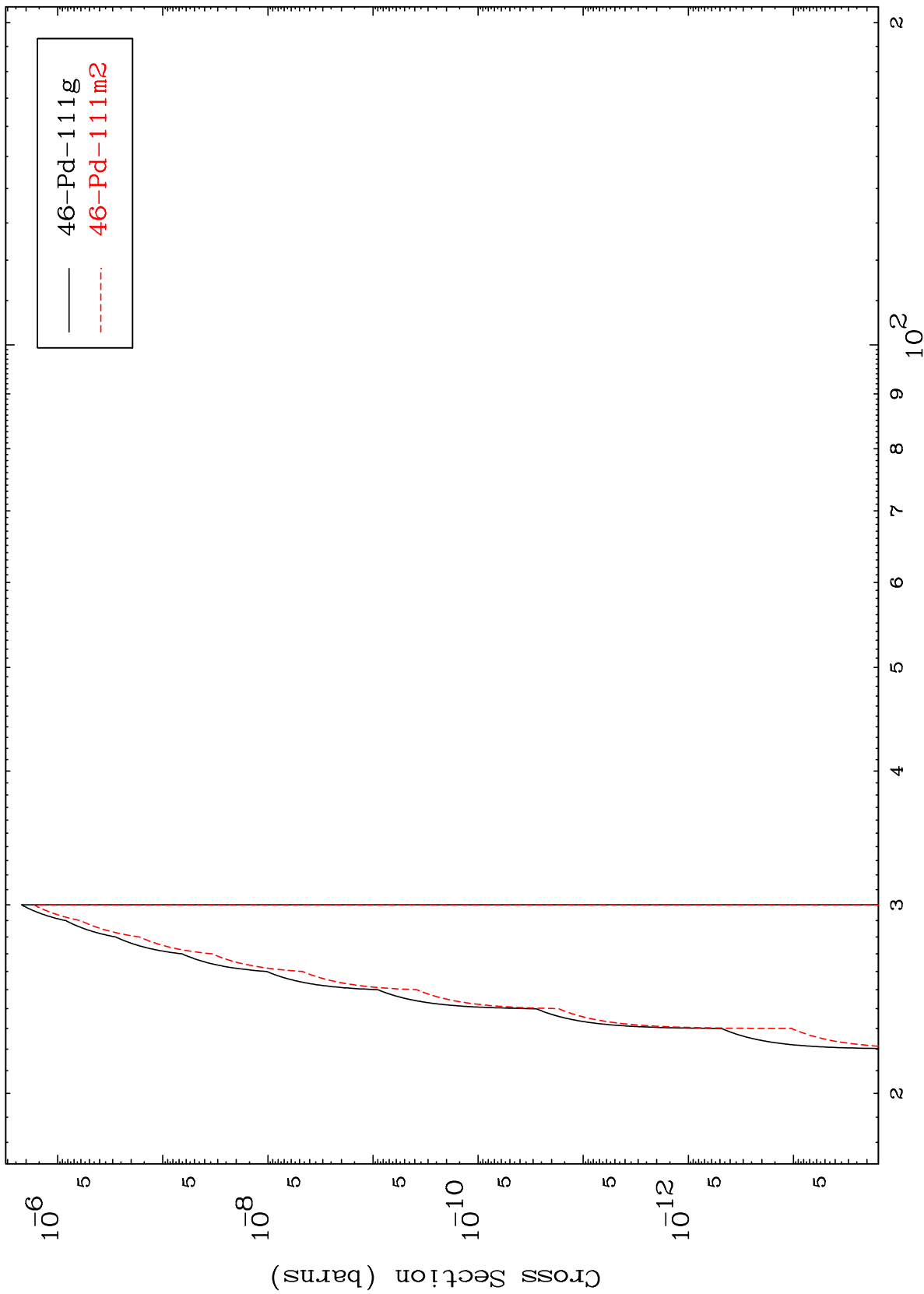
48-Cd-113

MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section



118

Incident Energy (MeV)

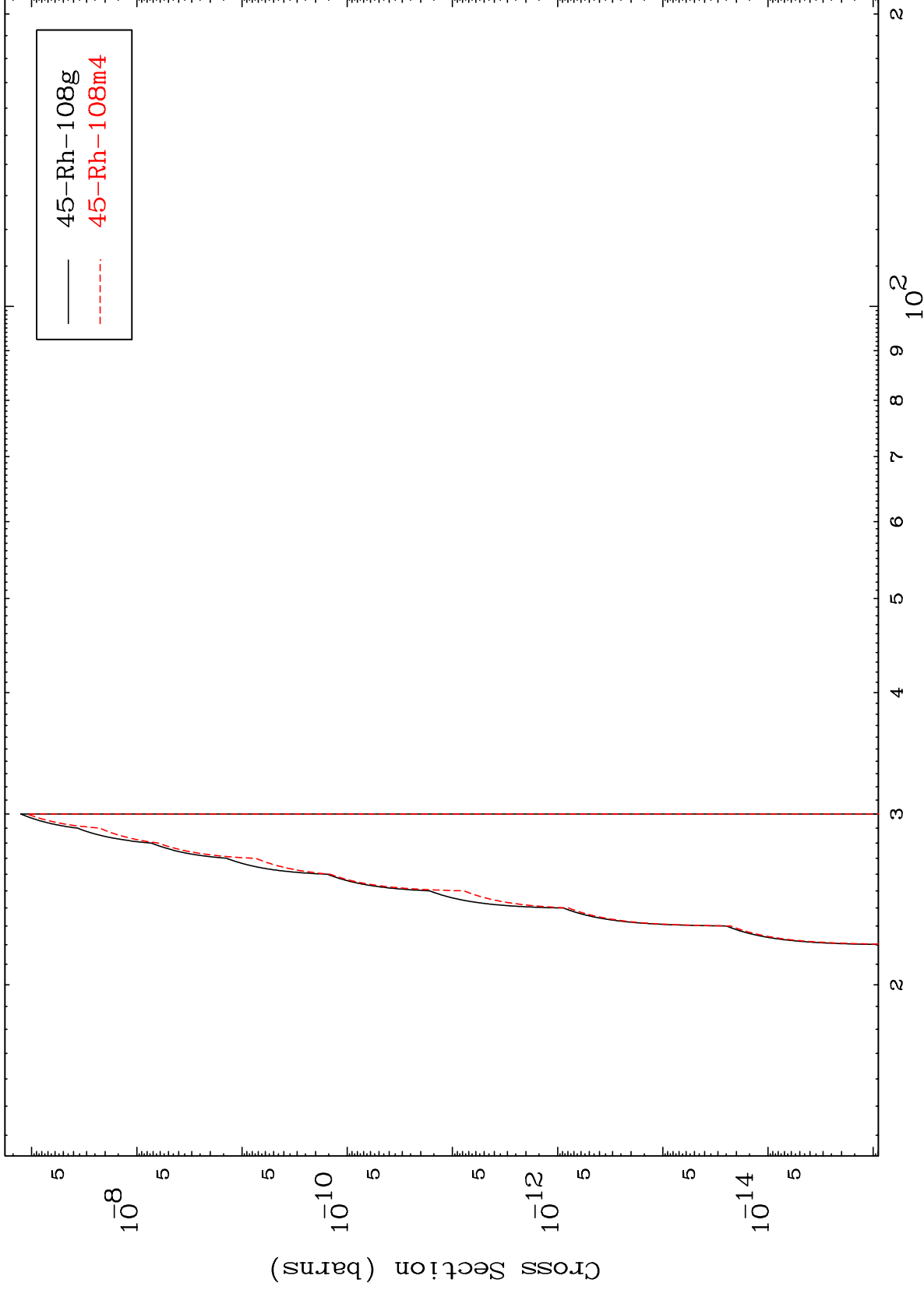
48-Cd-113

MAT 4846

(n,n') p α

48-Cd-113

Radionuclide Production Cross Section



119

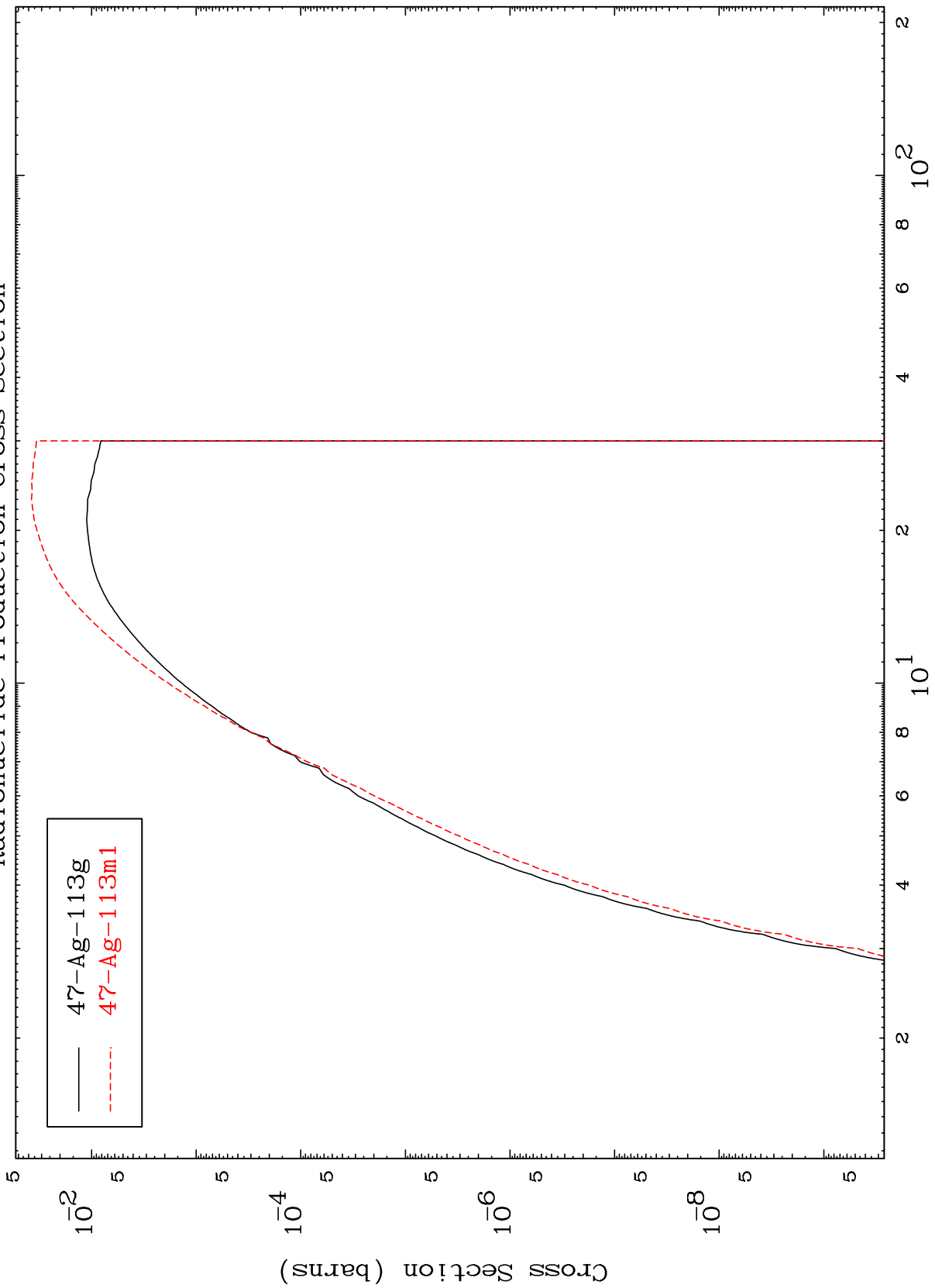
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,p)
Radionuclide Production Cross Section



— 47-Ag-113g
- - - 47-Ag-113m1

120

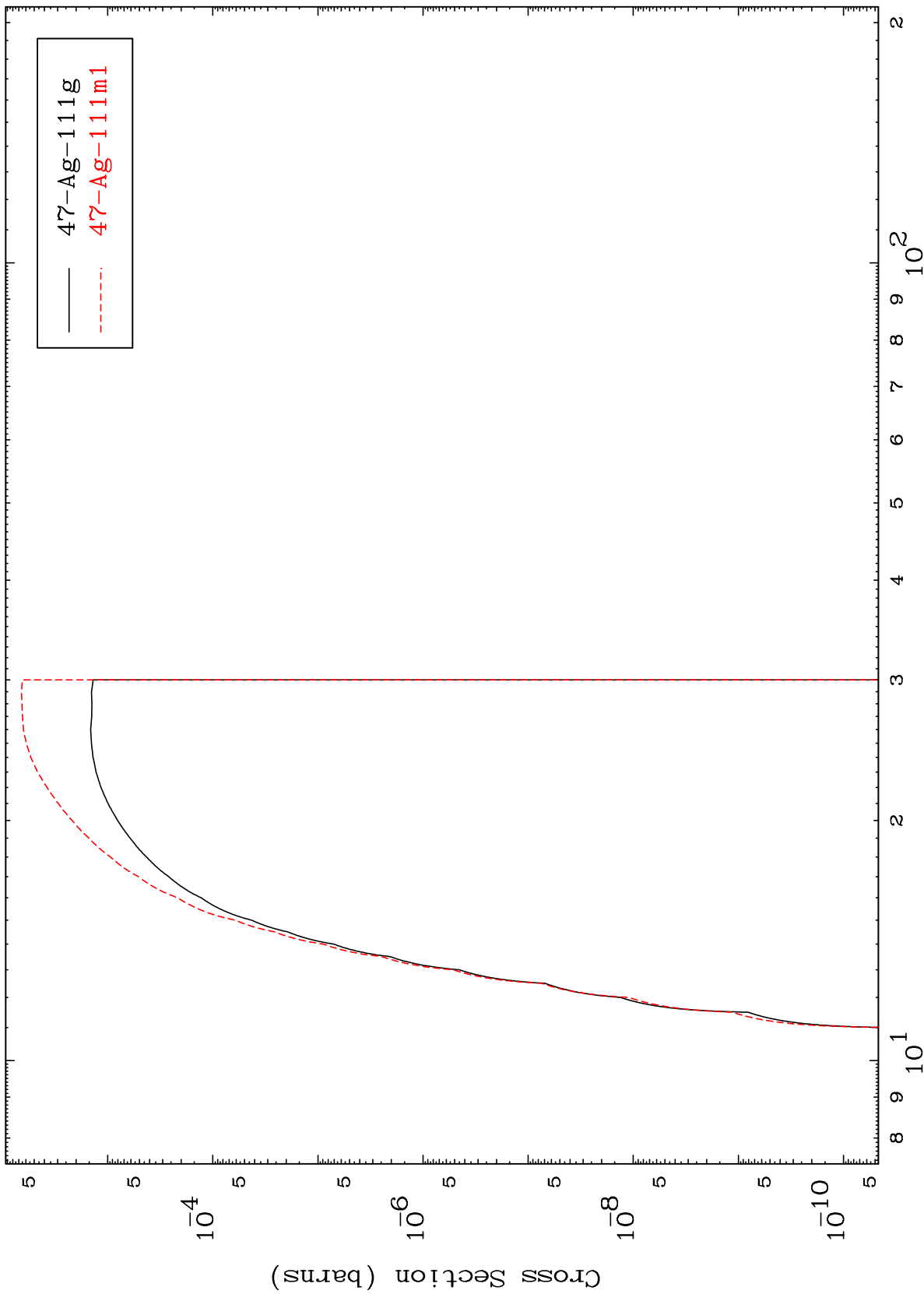
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,t)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

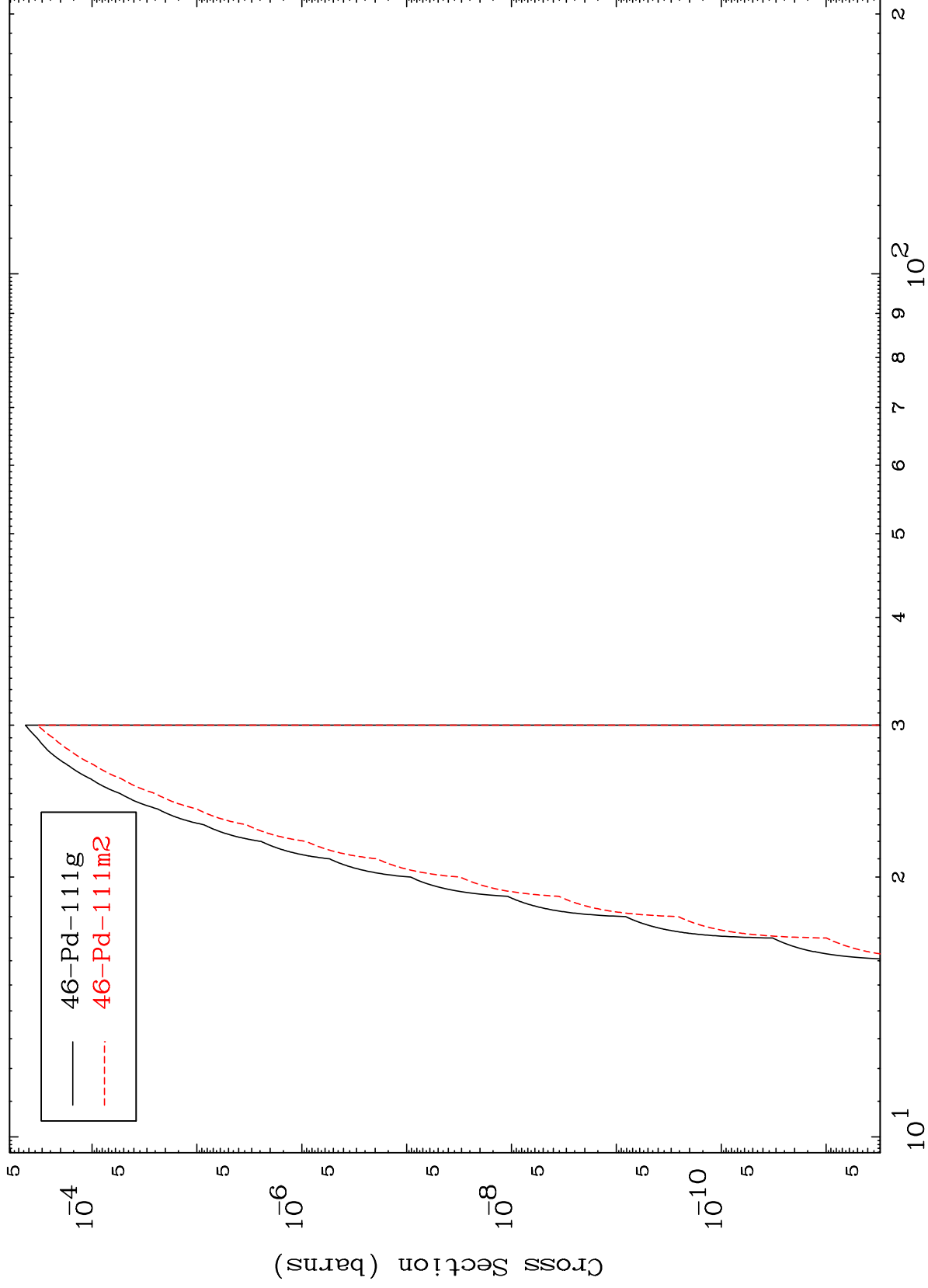
48-Cd-113

MAT 4846

(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-113

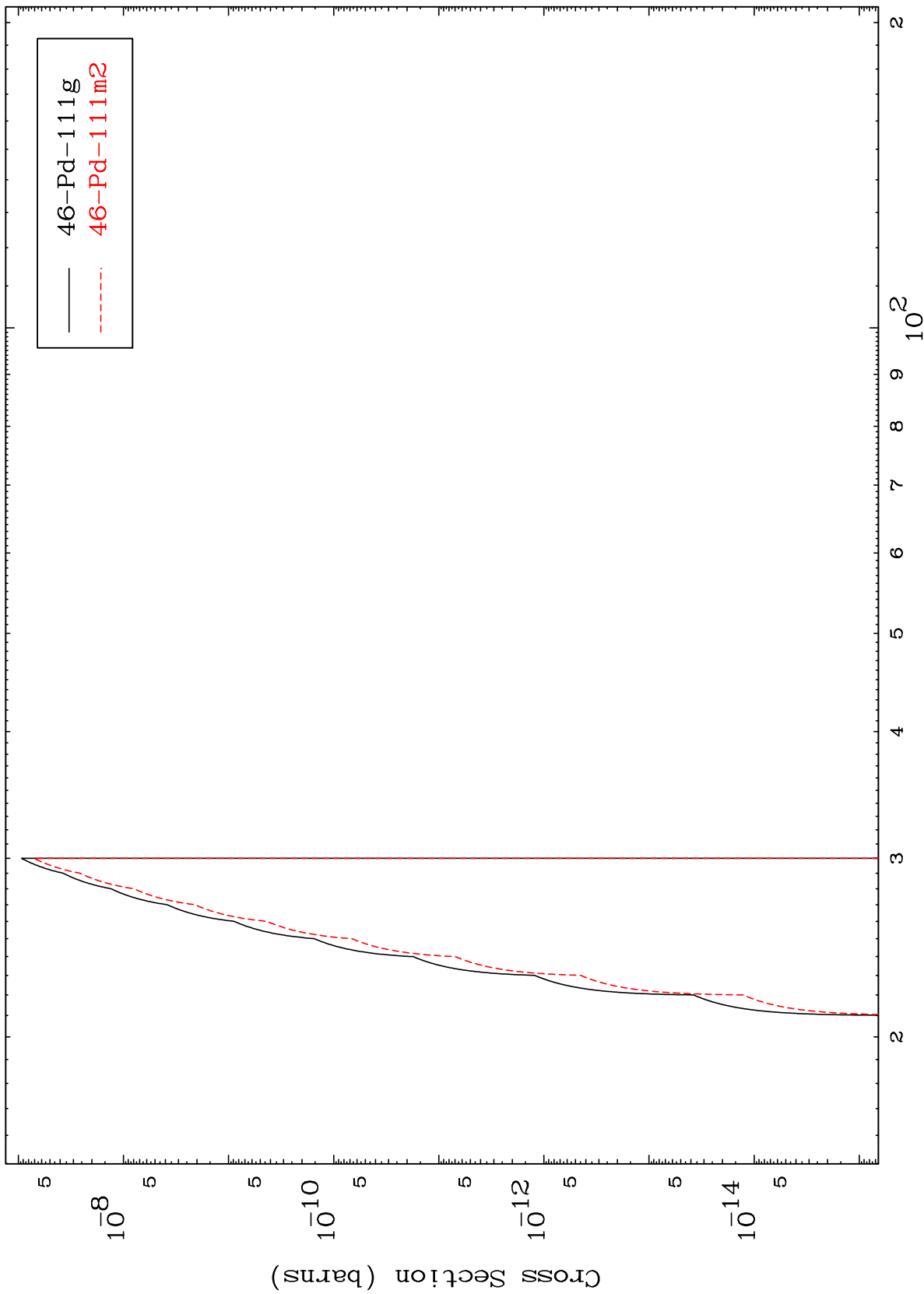
122

MAT 4846

(n,p) d

48-Cd-113

Radionuclide Production Cross Section



123

Incident Energy (MeV)

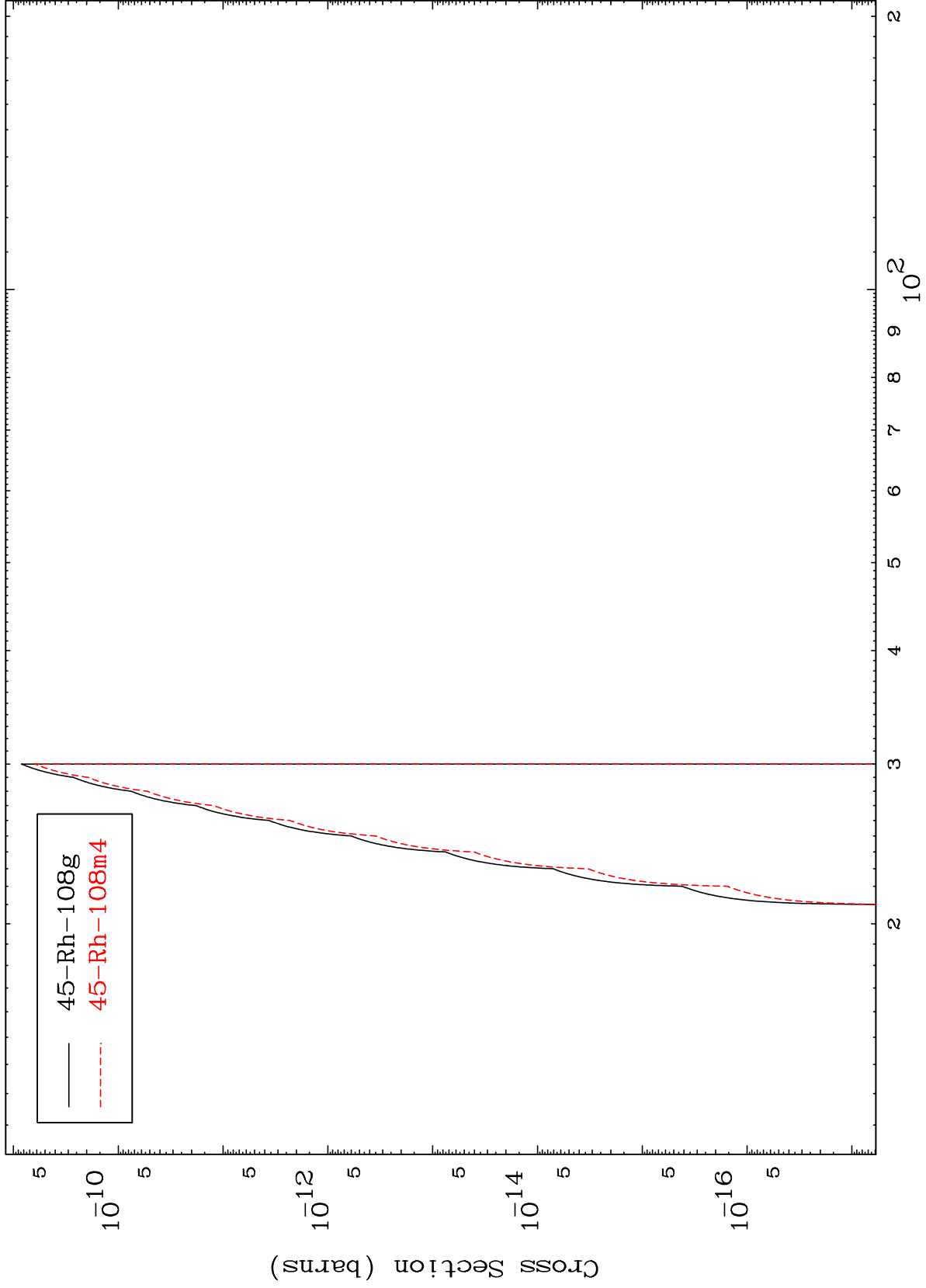
48-Cd-113

MAT 4846

(n,d) α

48-Cd-113

Radionuclide Production Cross Section



124

Incident Energy (MeV)

48-Cd-113