

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

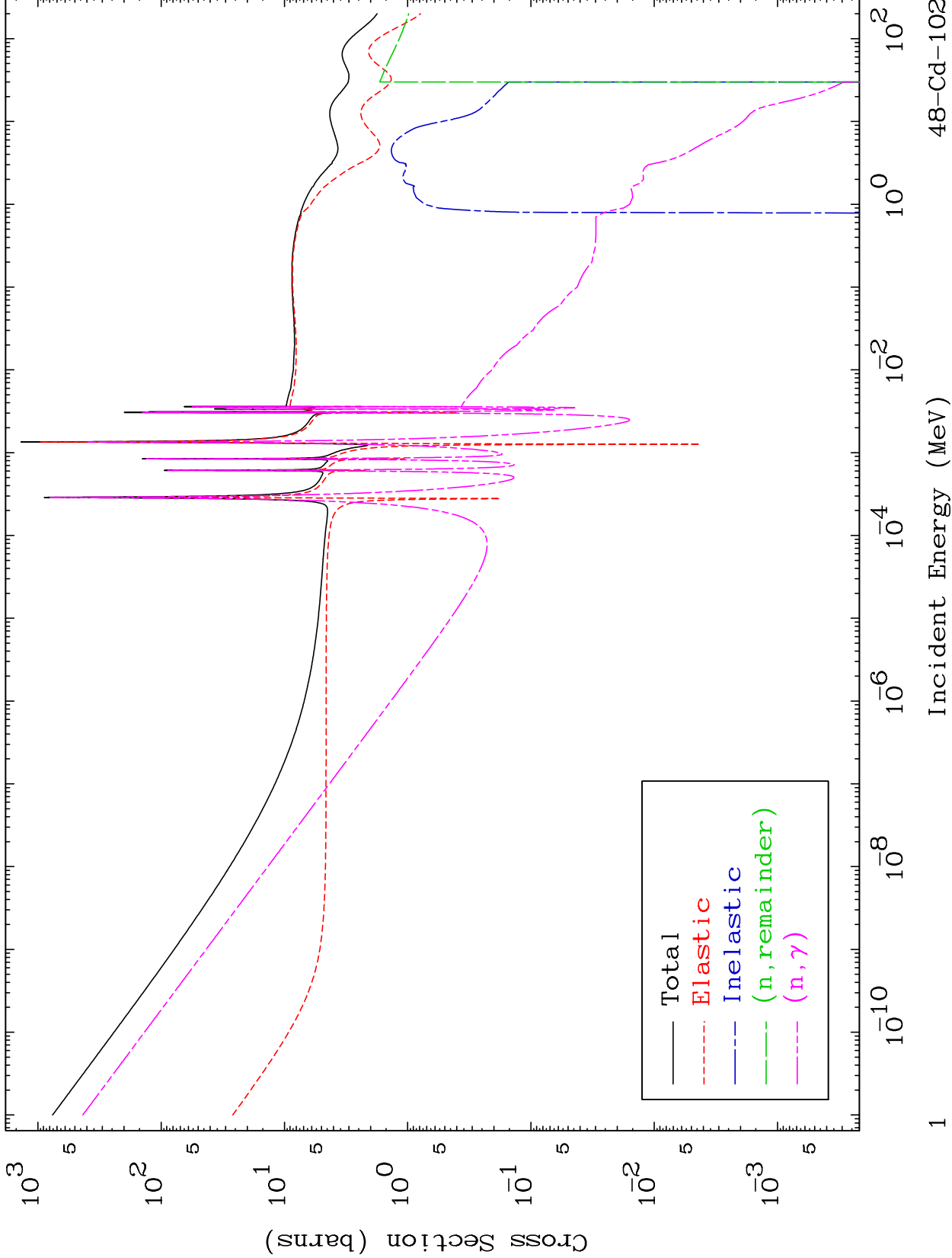
Press Mouse Button to Start

MAT 4813

Major

293 Kelvin Cross Sections

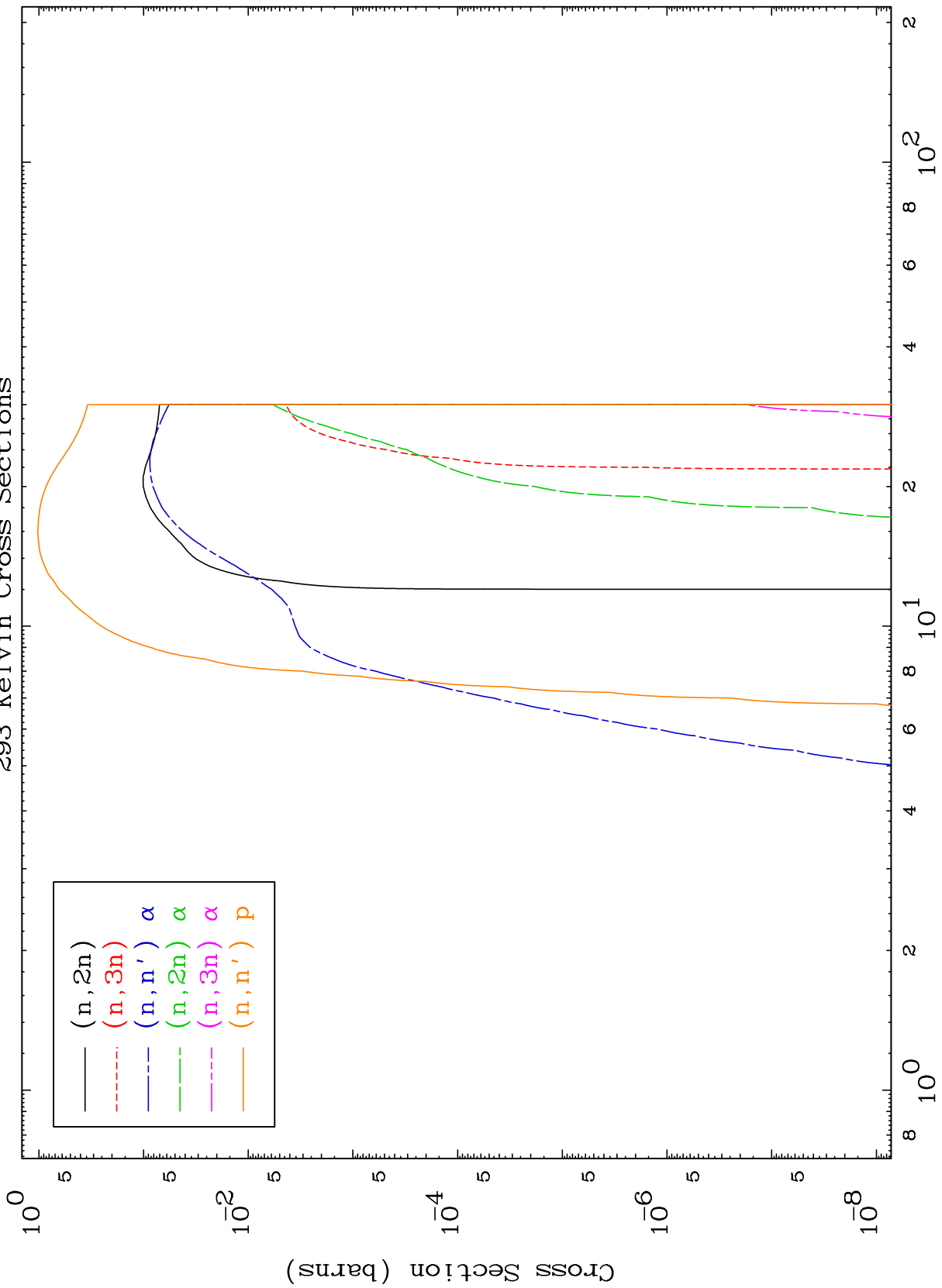
48-Cd-102



MAT 4813

Neutron Production
293 Kelvin Cross Sections

48-Cd-102



2

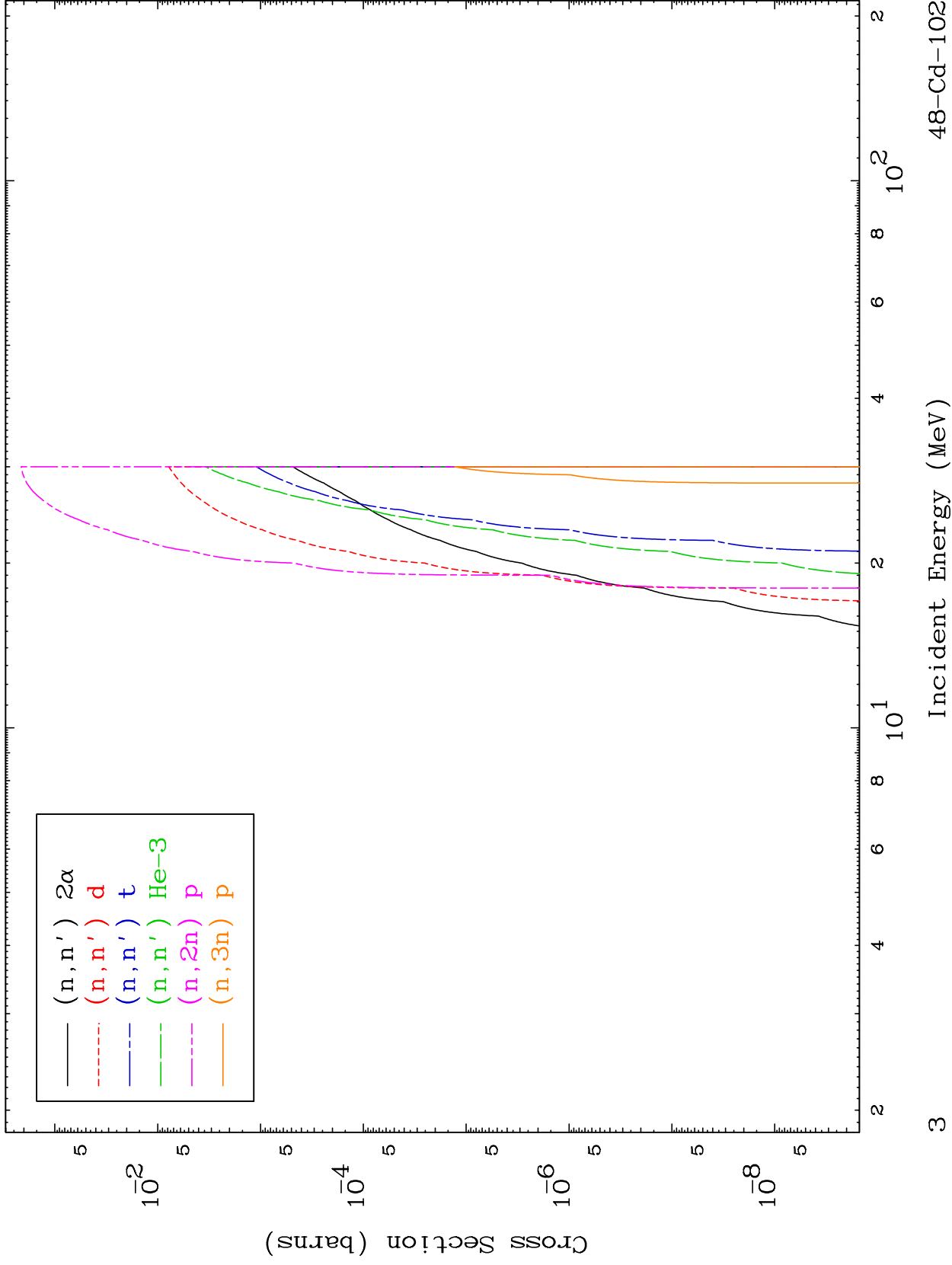
Incident Energy (MeV)

48-Cd-102

MAT 4813

Neutron Production
293 Kelvin Cross Sections

48-Cd-102



3

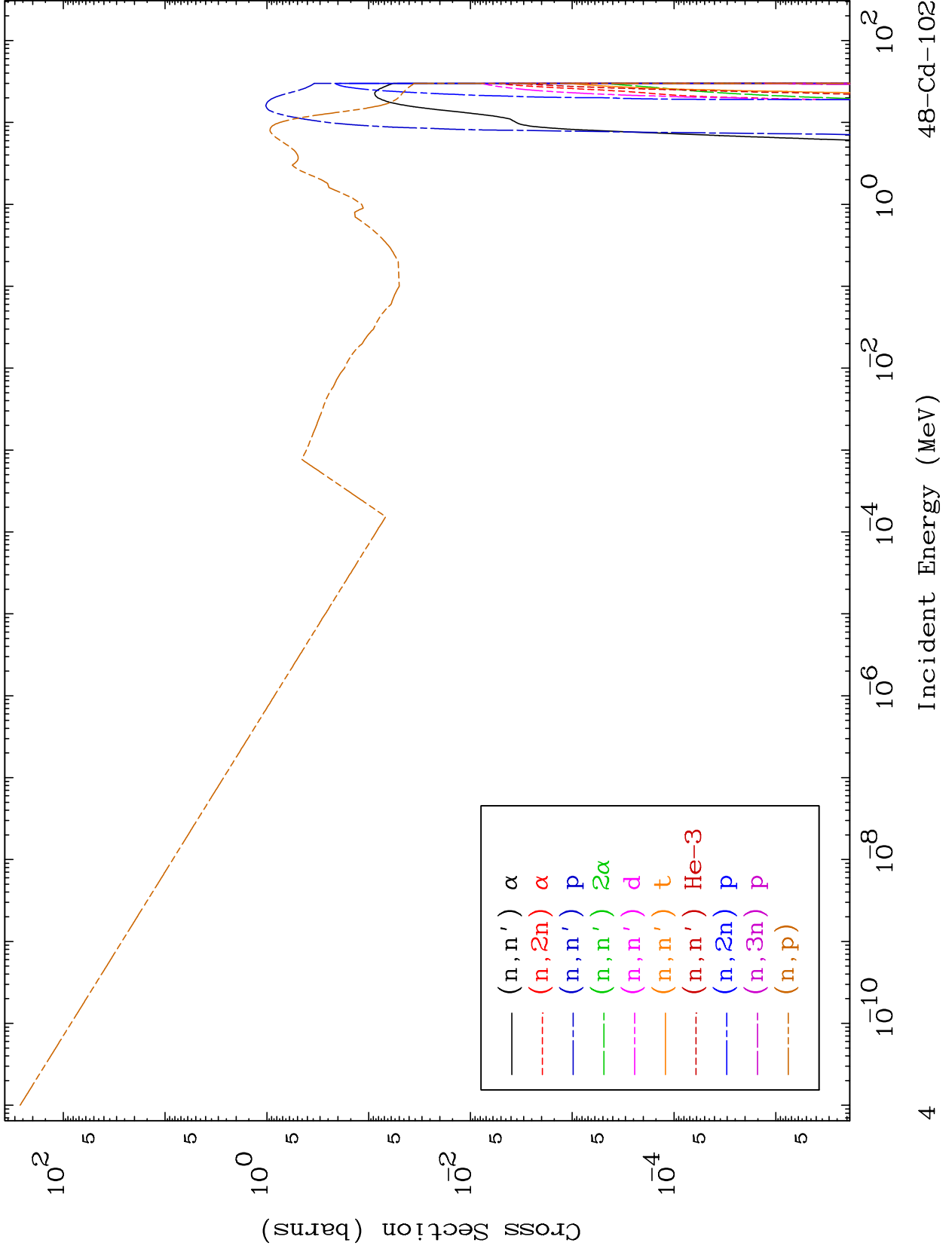
Incident Energy (MeV)

48-Cd-102

MAT 4813

Charged Particle
293 Kelvin Cross Sections

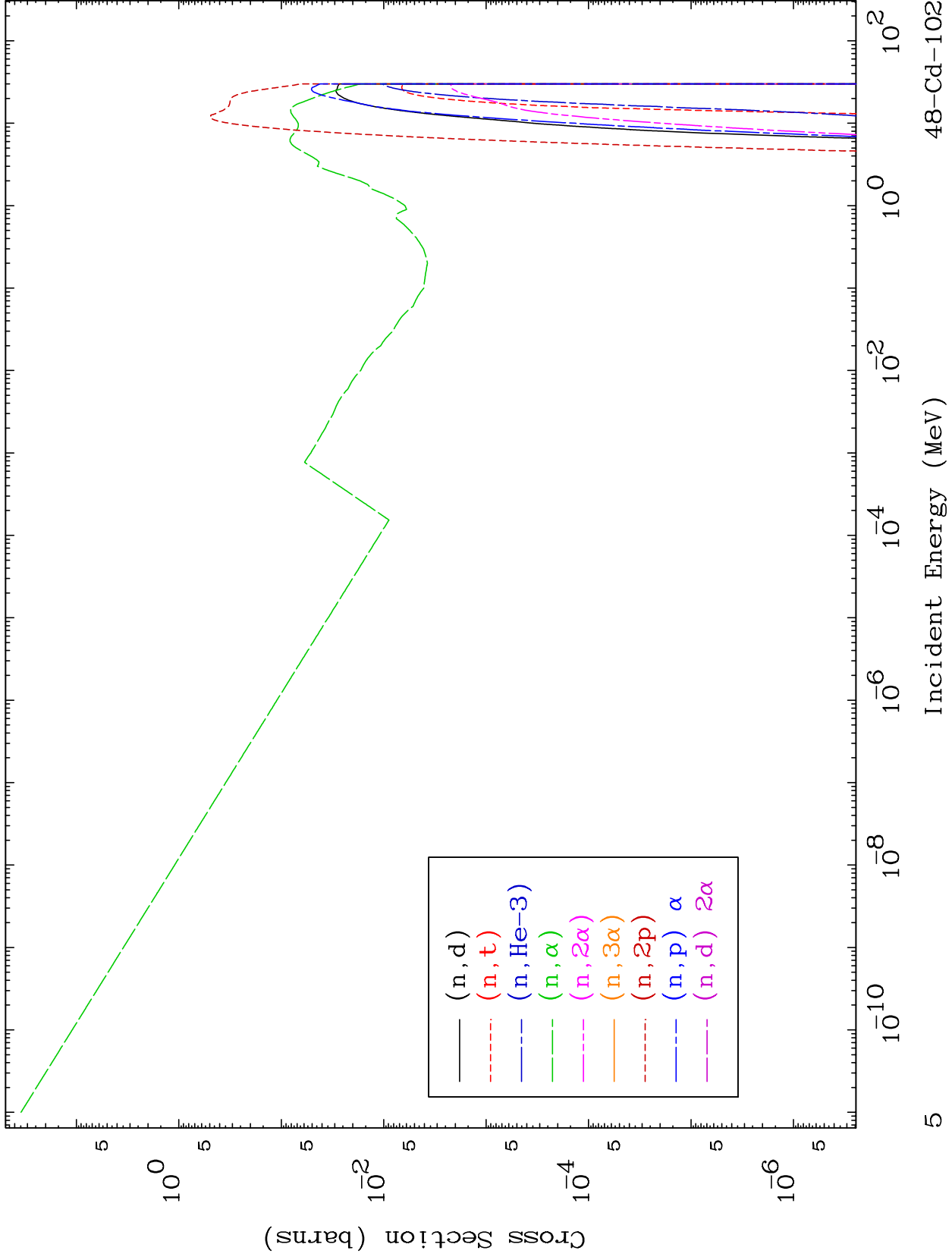
48-Cd-102



MAT 4813

Charged Particle
293 Kelvin Cross Sections

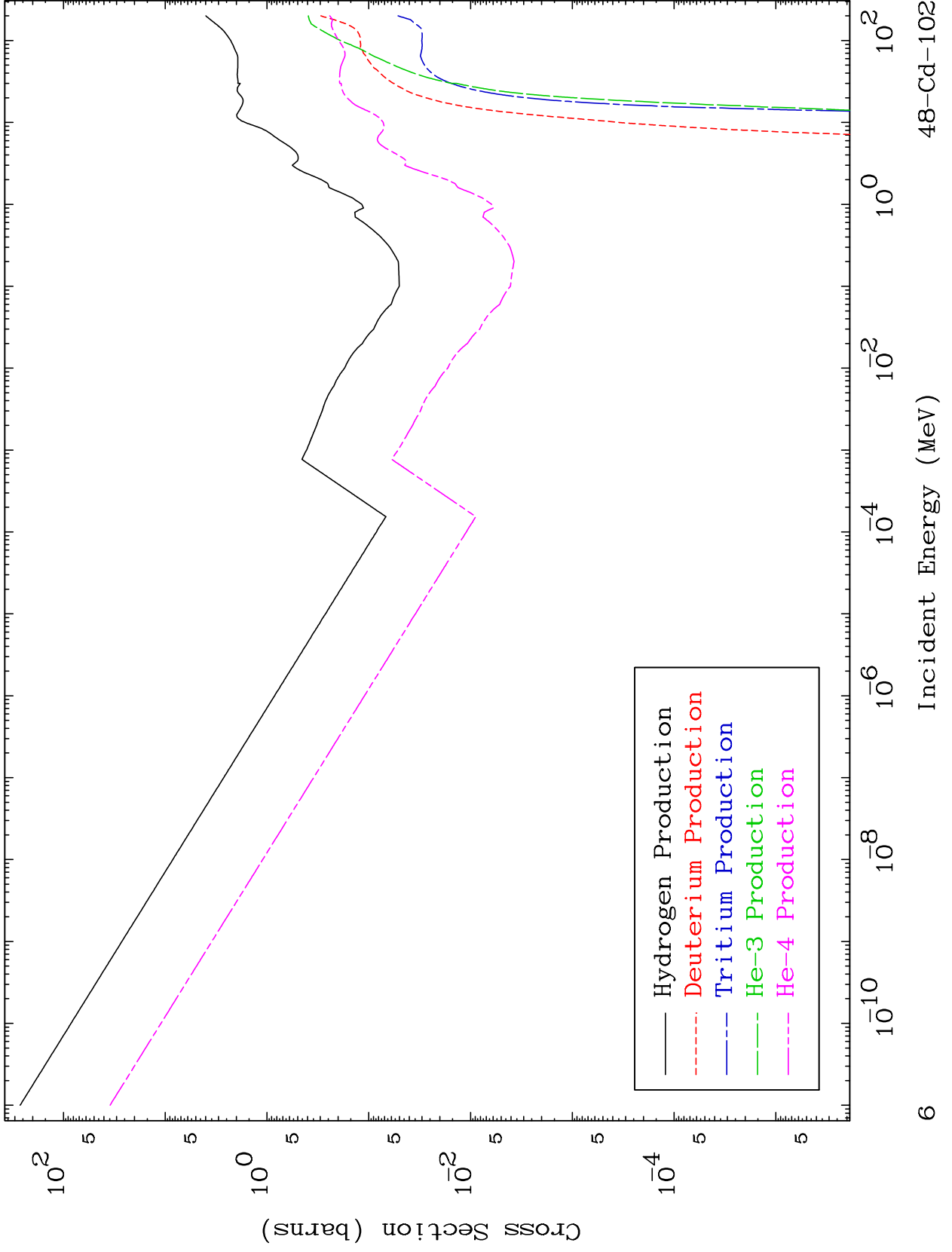
48-Cd-102



MAT 4813

Particle Production
293 Kelvin Cross Sections

48-Cd-102

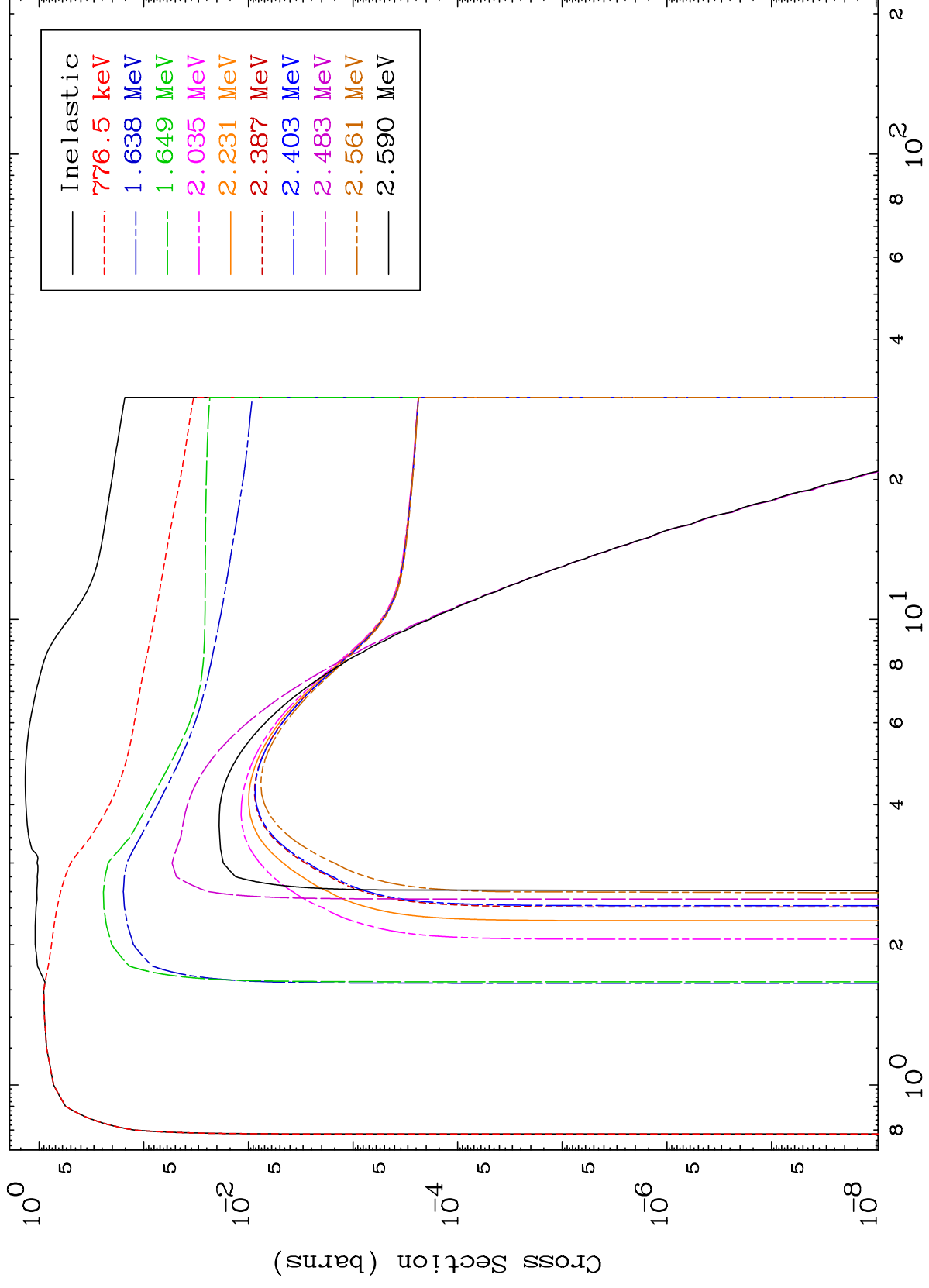


MAT 4813

(n,n') Level

48-Cd-102

293 Kelvin Cross Sections



Incident Energy (MeV)

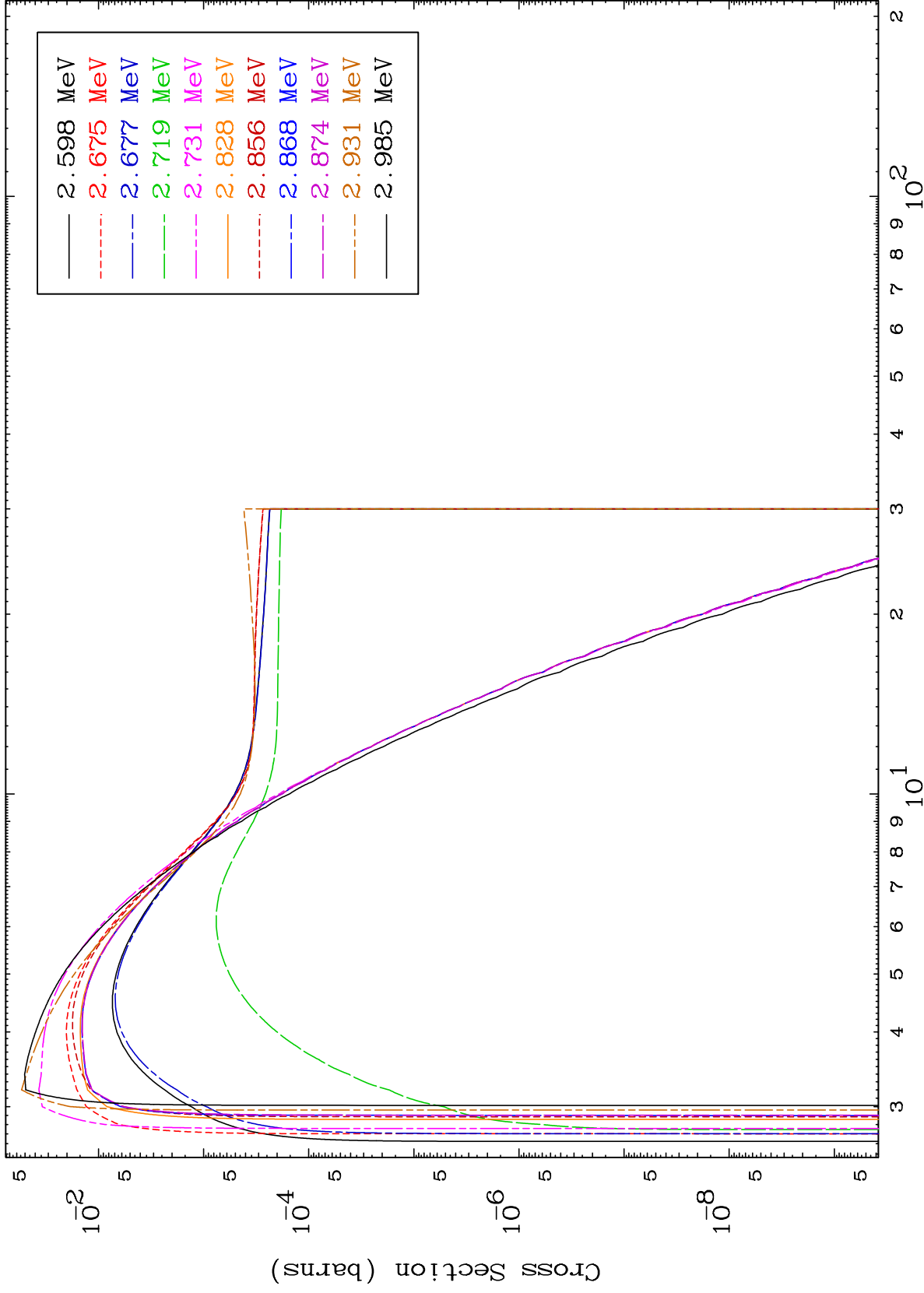
48-Cd-102

7

MAT 4813

(n,n') Level
293 Kelvin Cross Sections

48-Cd-102



8

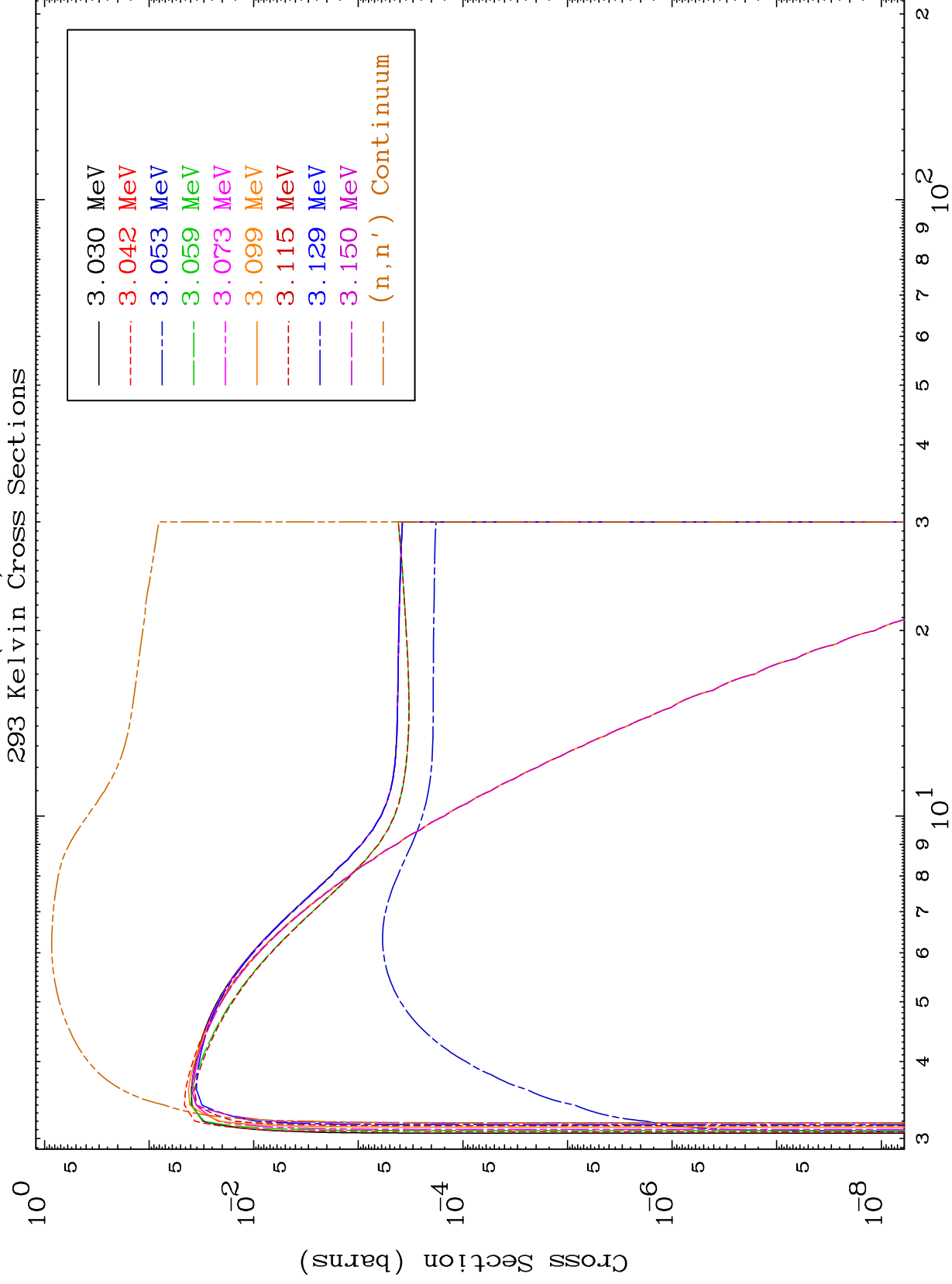
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') Level

48-Cd-102



9

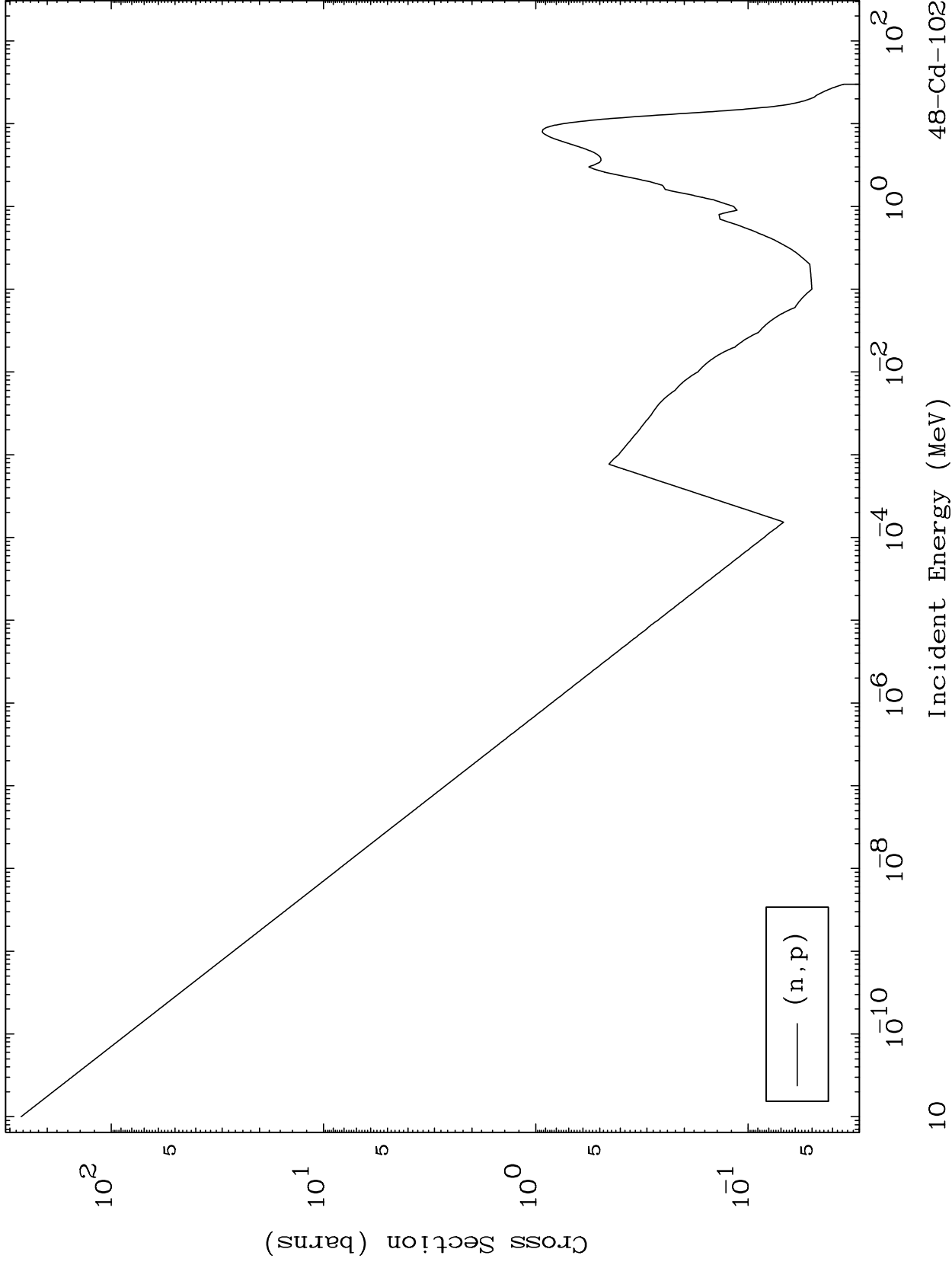
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,p) Levels
293 Kelvin Cross Sections

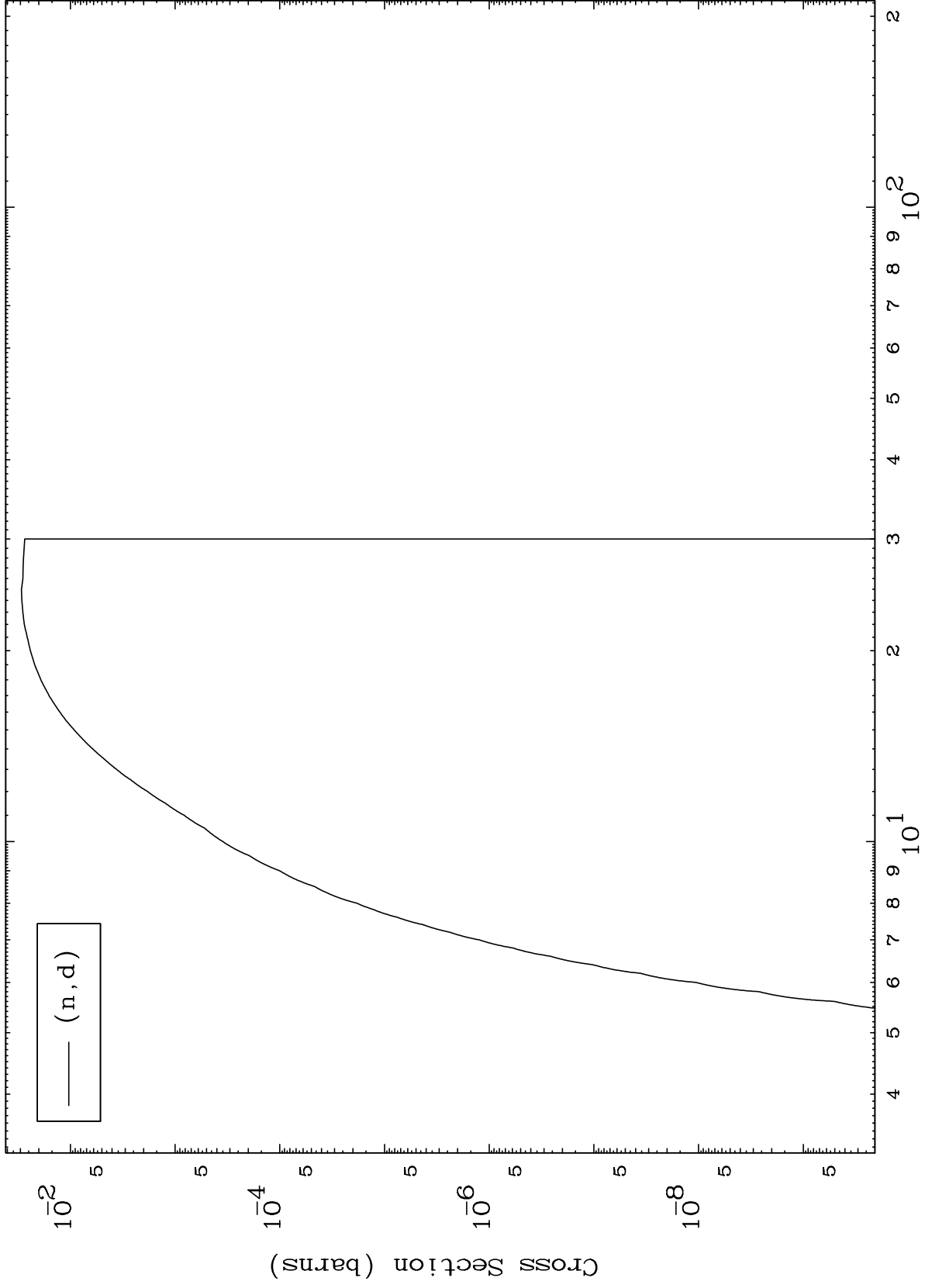
48-Cd-102



MAT 4813

(n,d) Levels
293 Kelvin Cross Sections

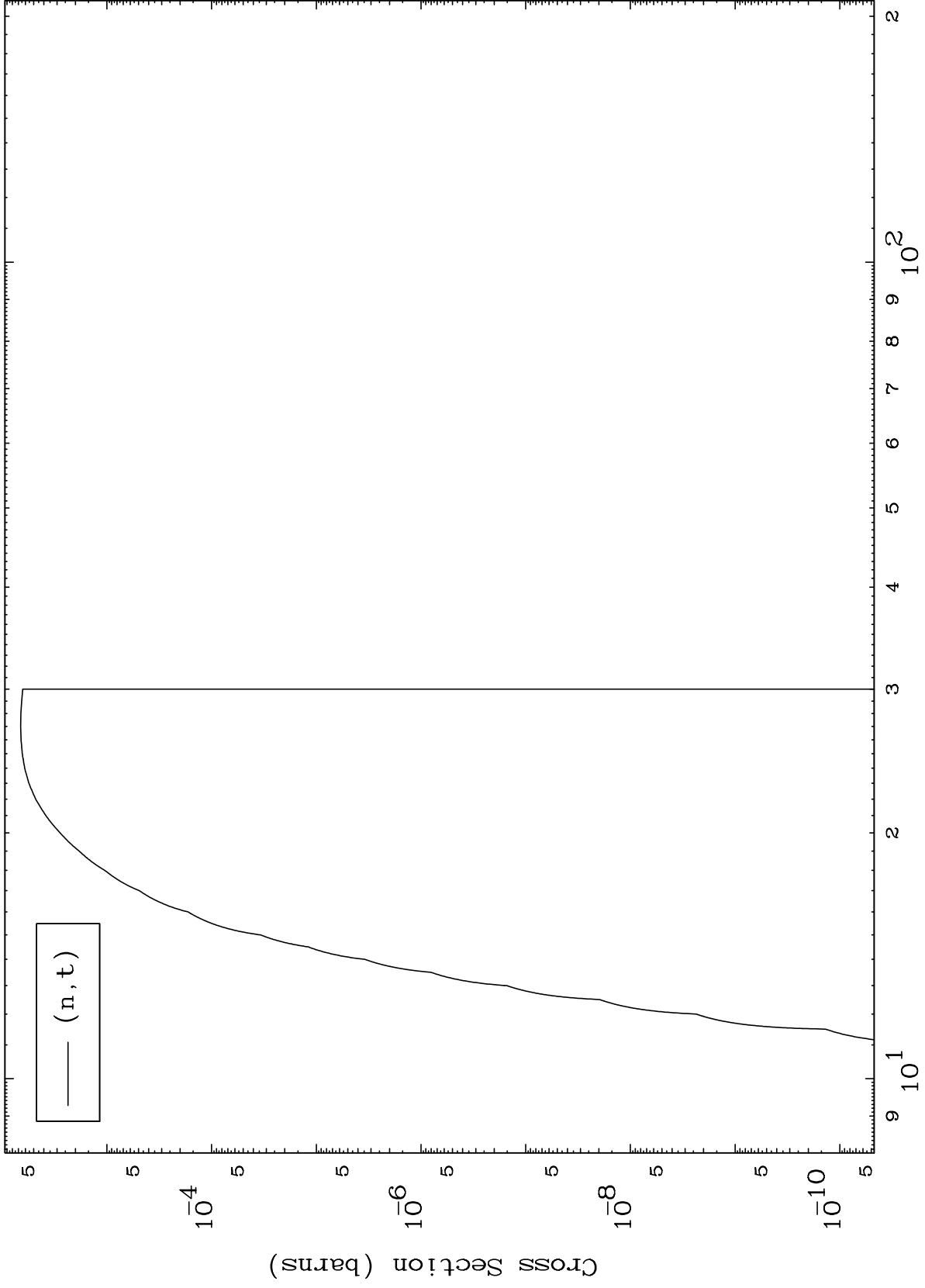
48-Cd-102



MAT 4813

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-102



12

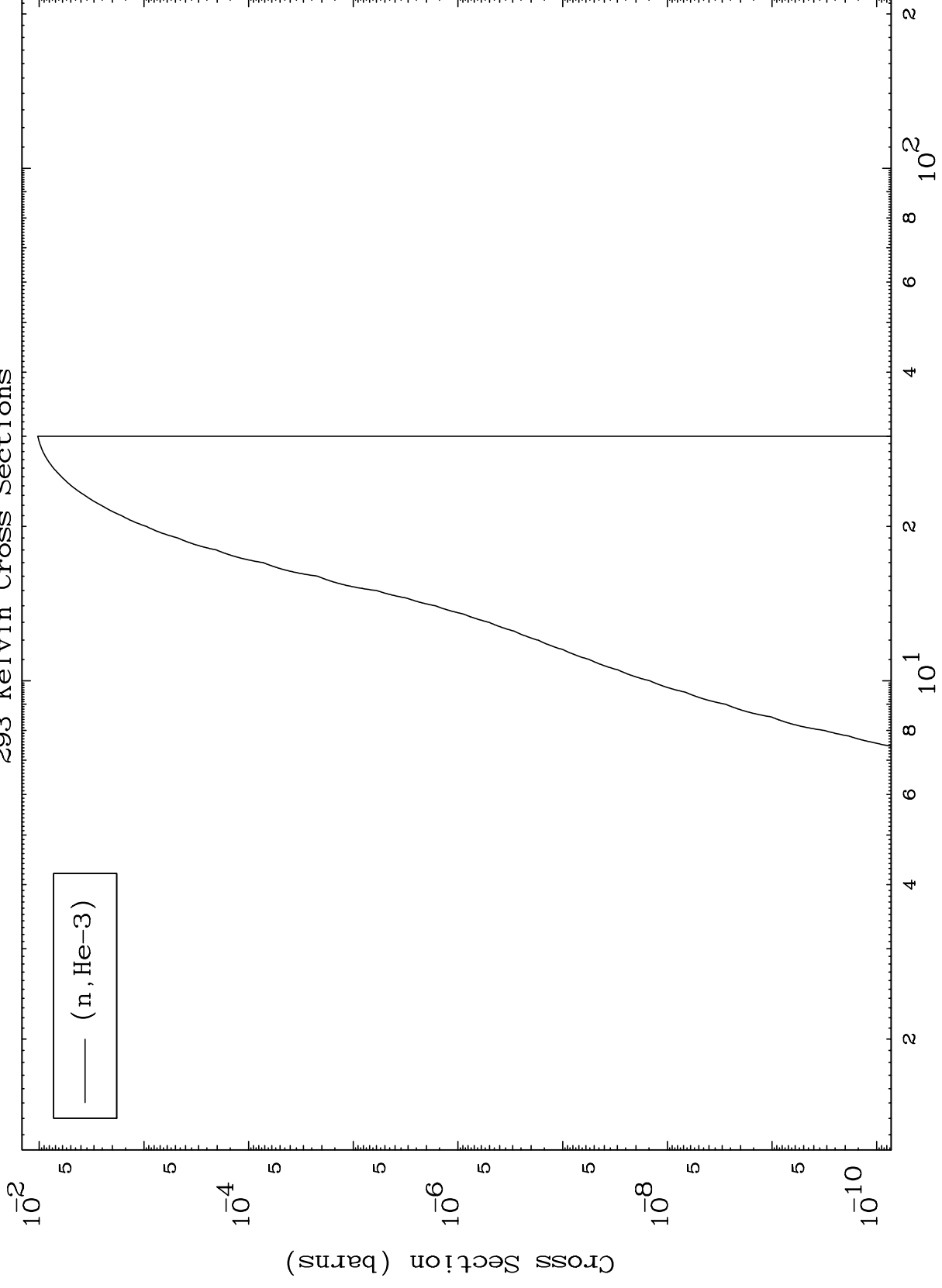
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-102

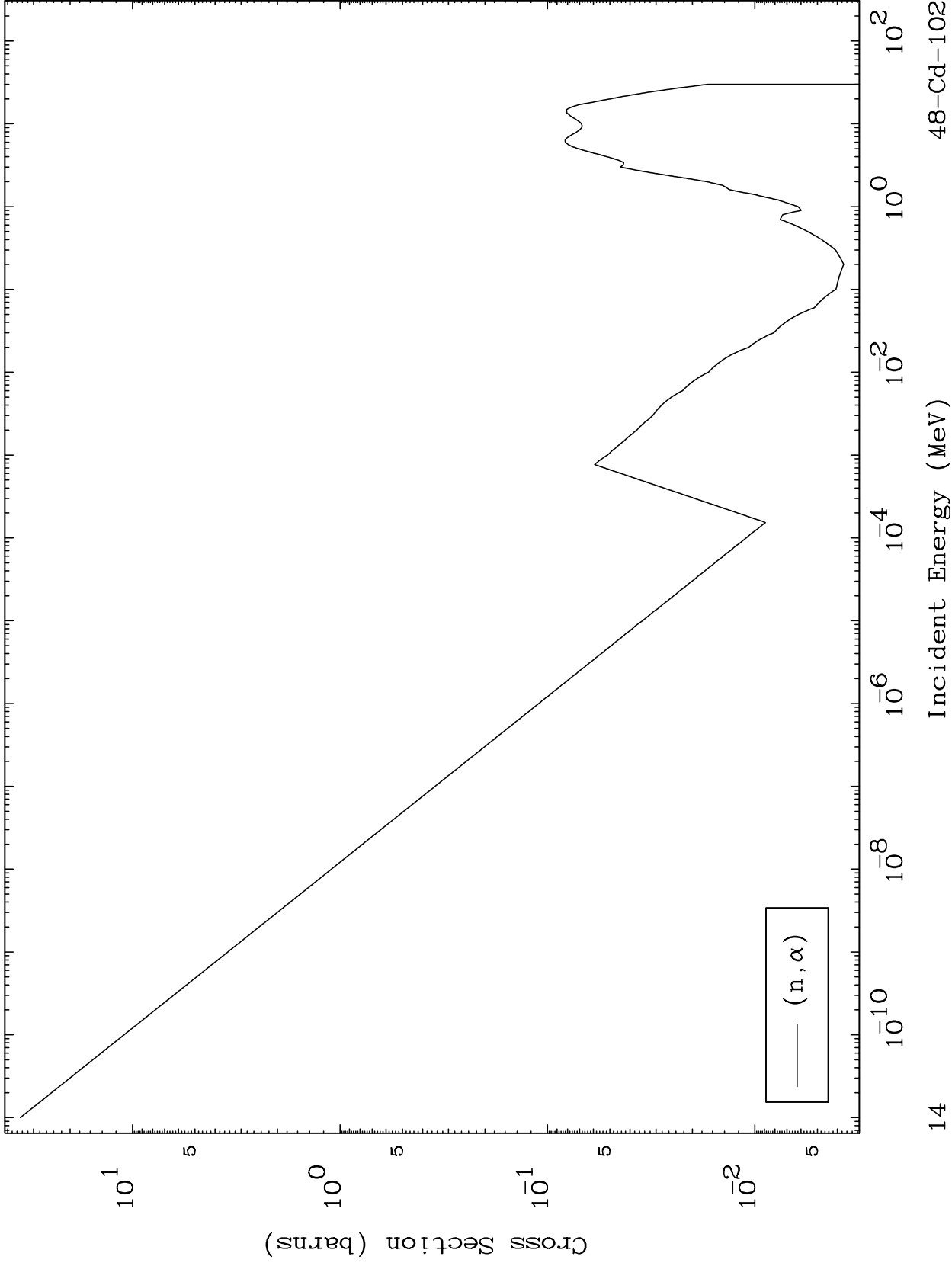


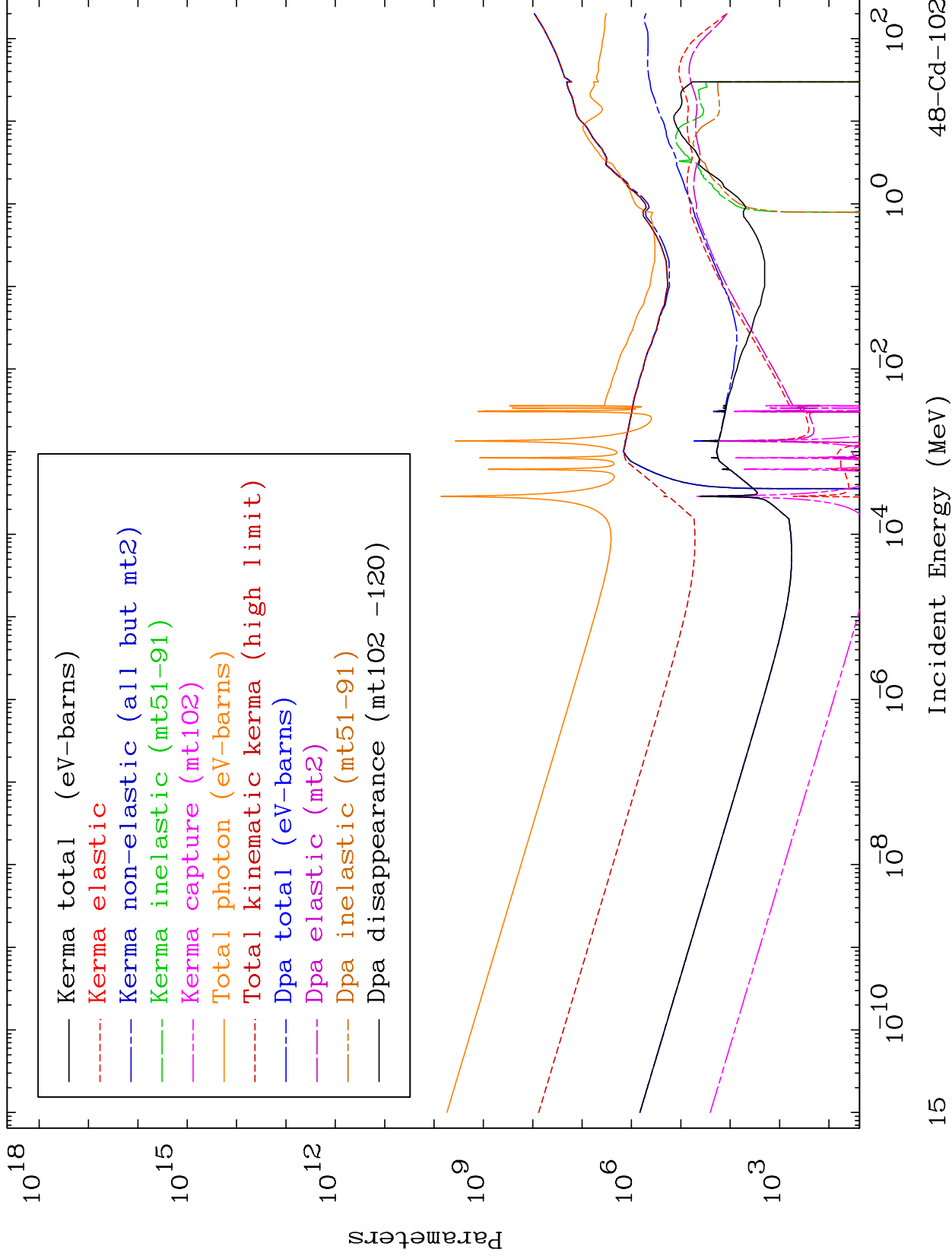
(n, He-3)

MAT 4813

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-102

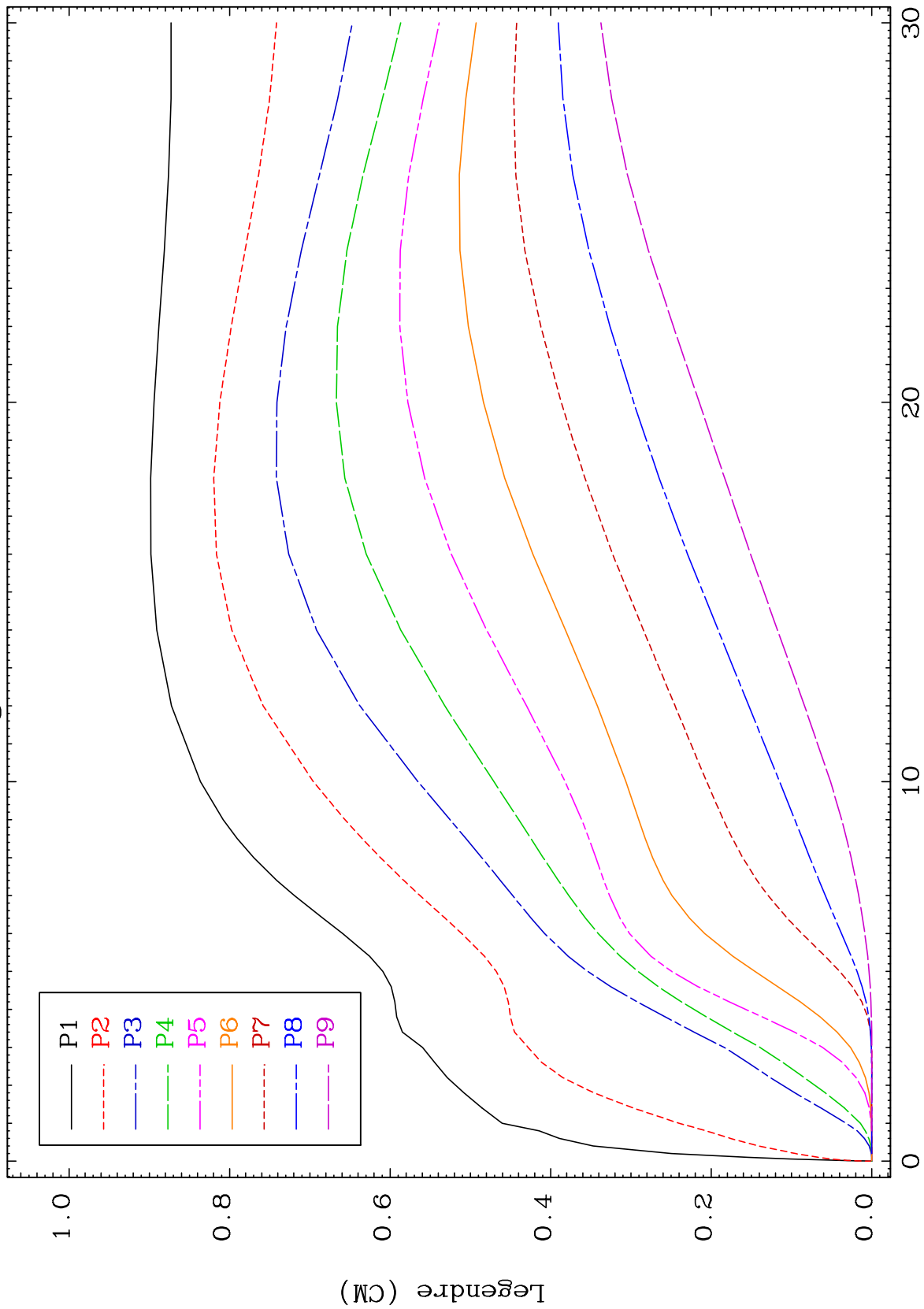




MAT 4813

Elastic Legendre Coefficients

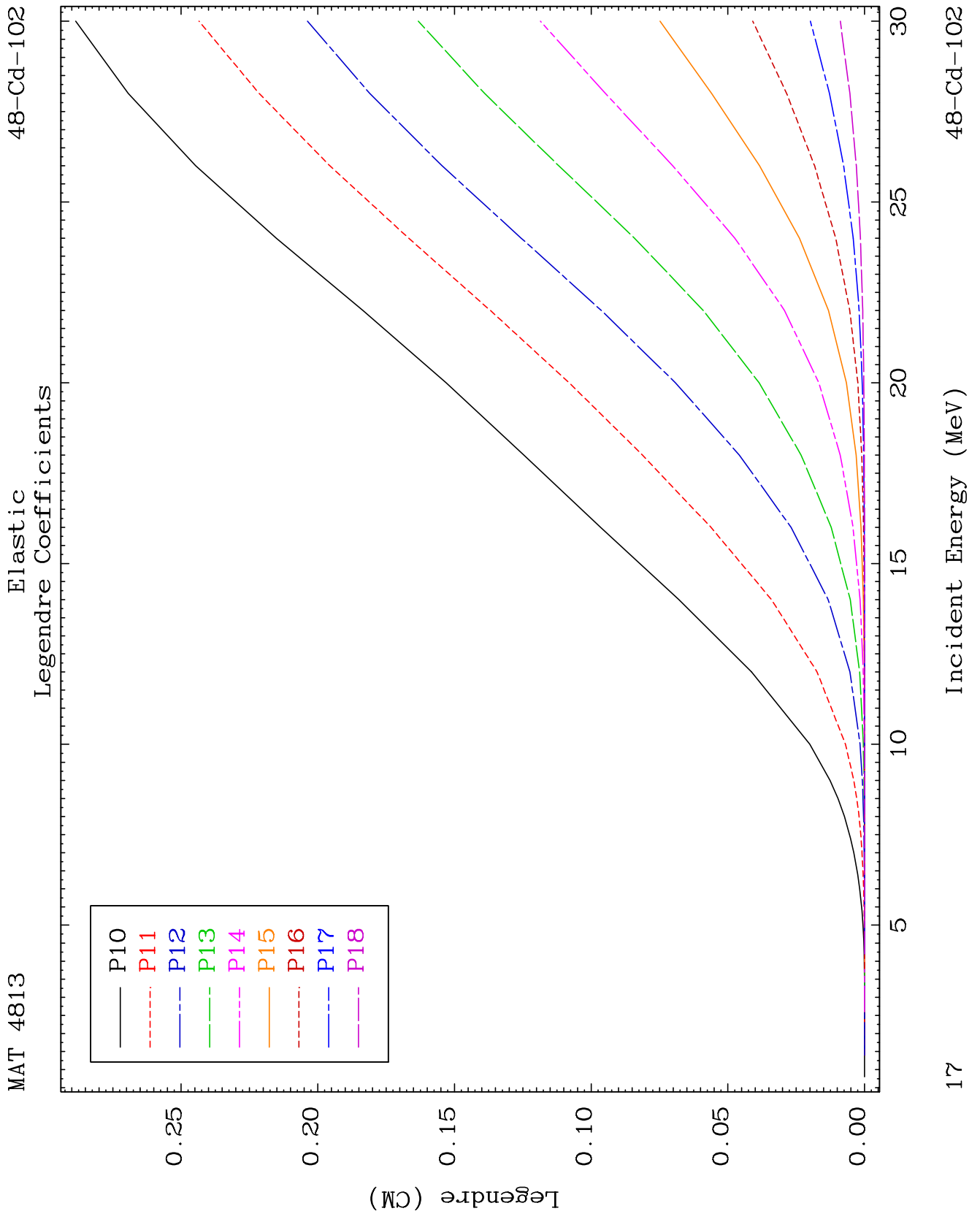
48-Cd-102



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Incident Energy (MeV)

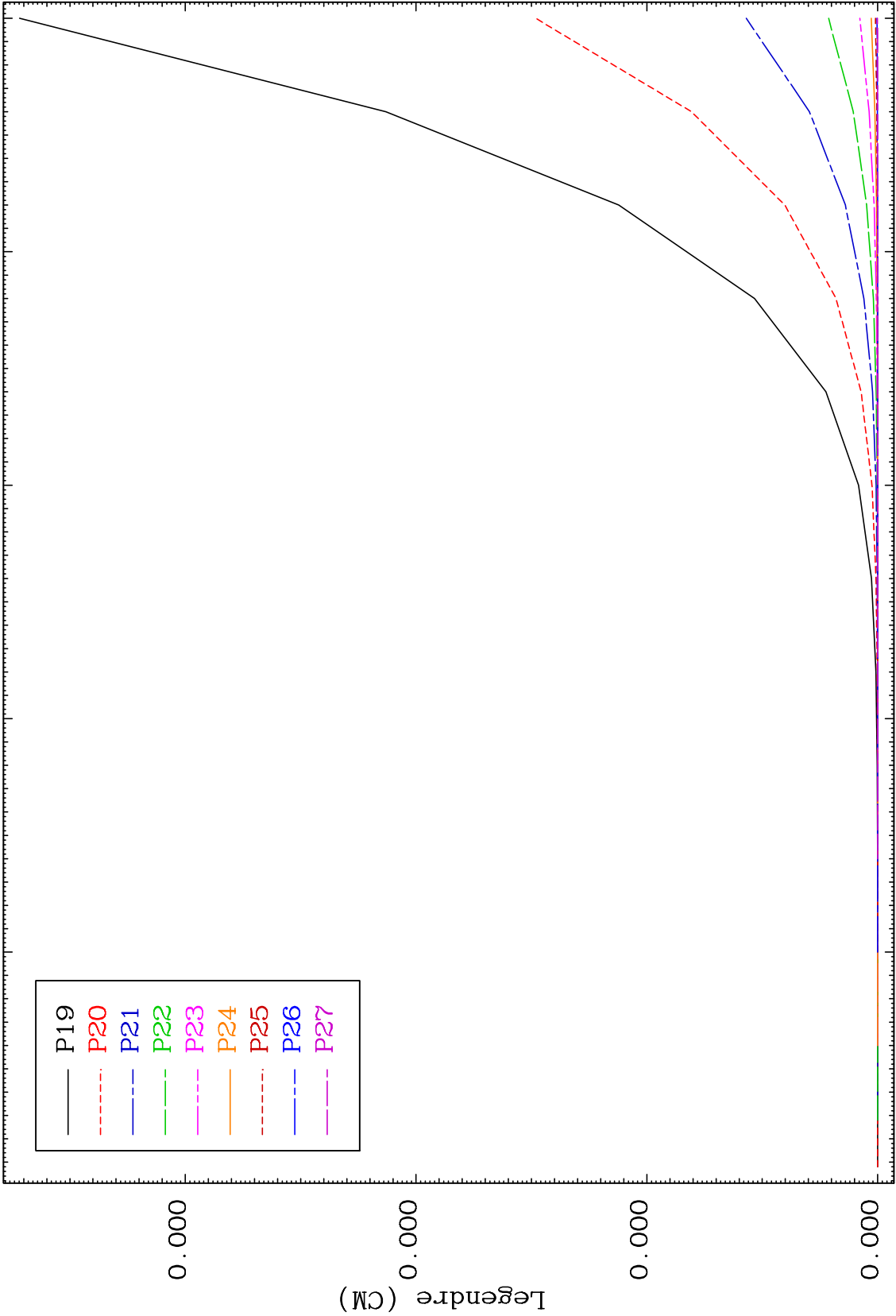
48-Cd-102



MAT 4813

Elastic Legendre Coefficients

48-Cd-102



18

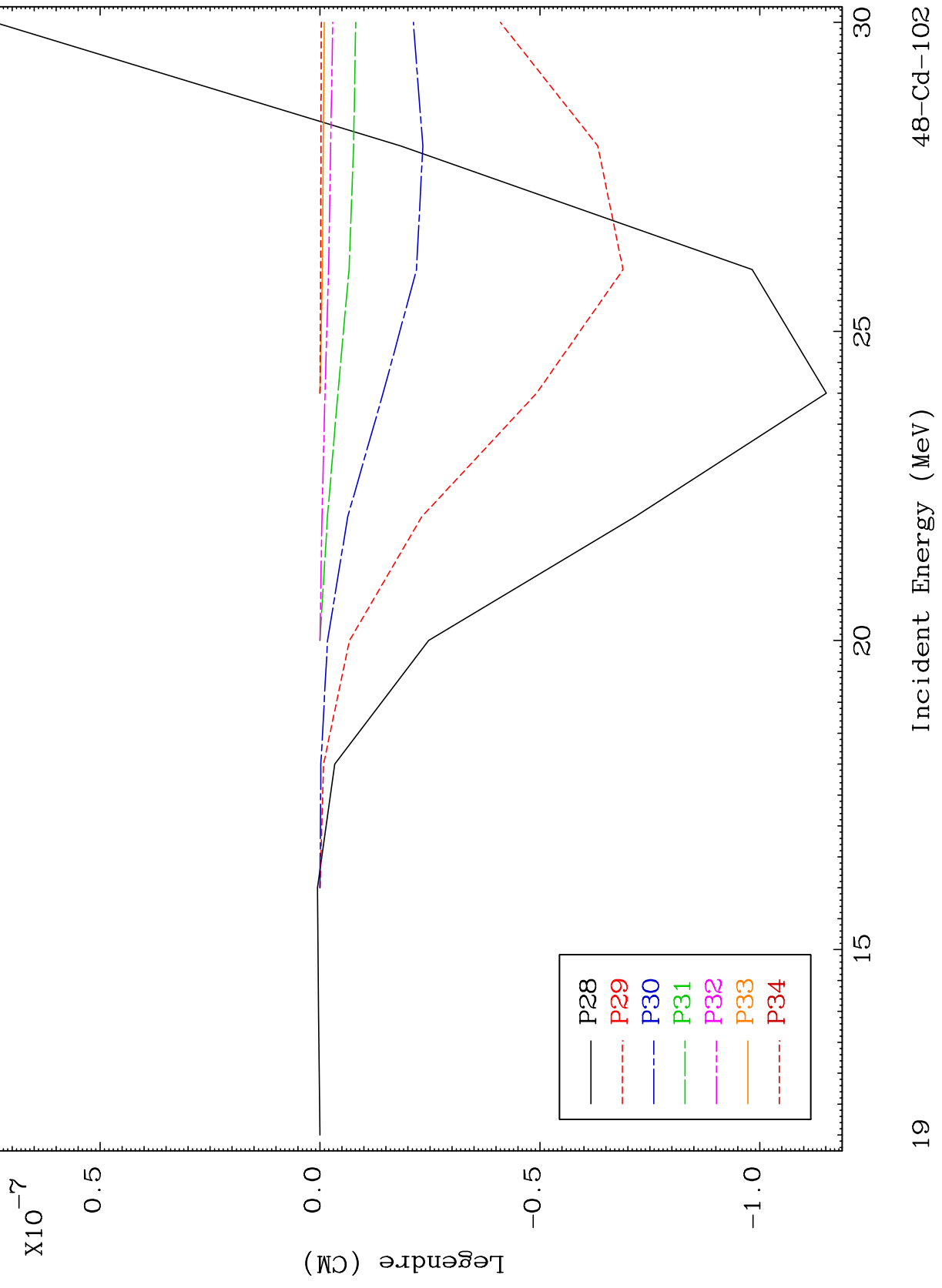
Incident Energy (MeV)

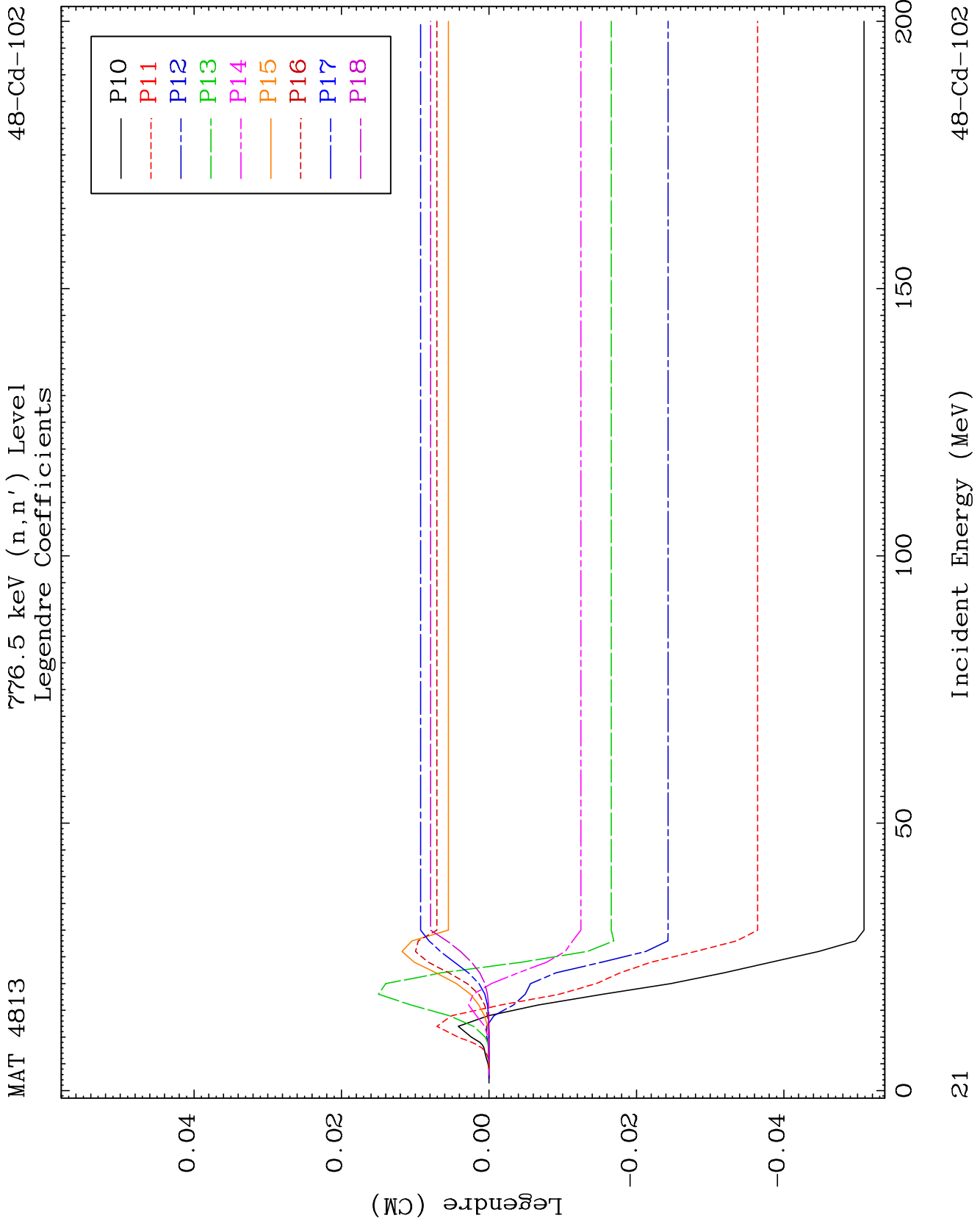
48-Cd-102

MAT 4813

Elastic Legendre Coefficients

48-Cd-102

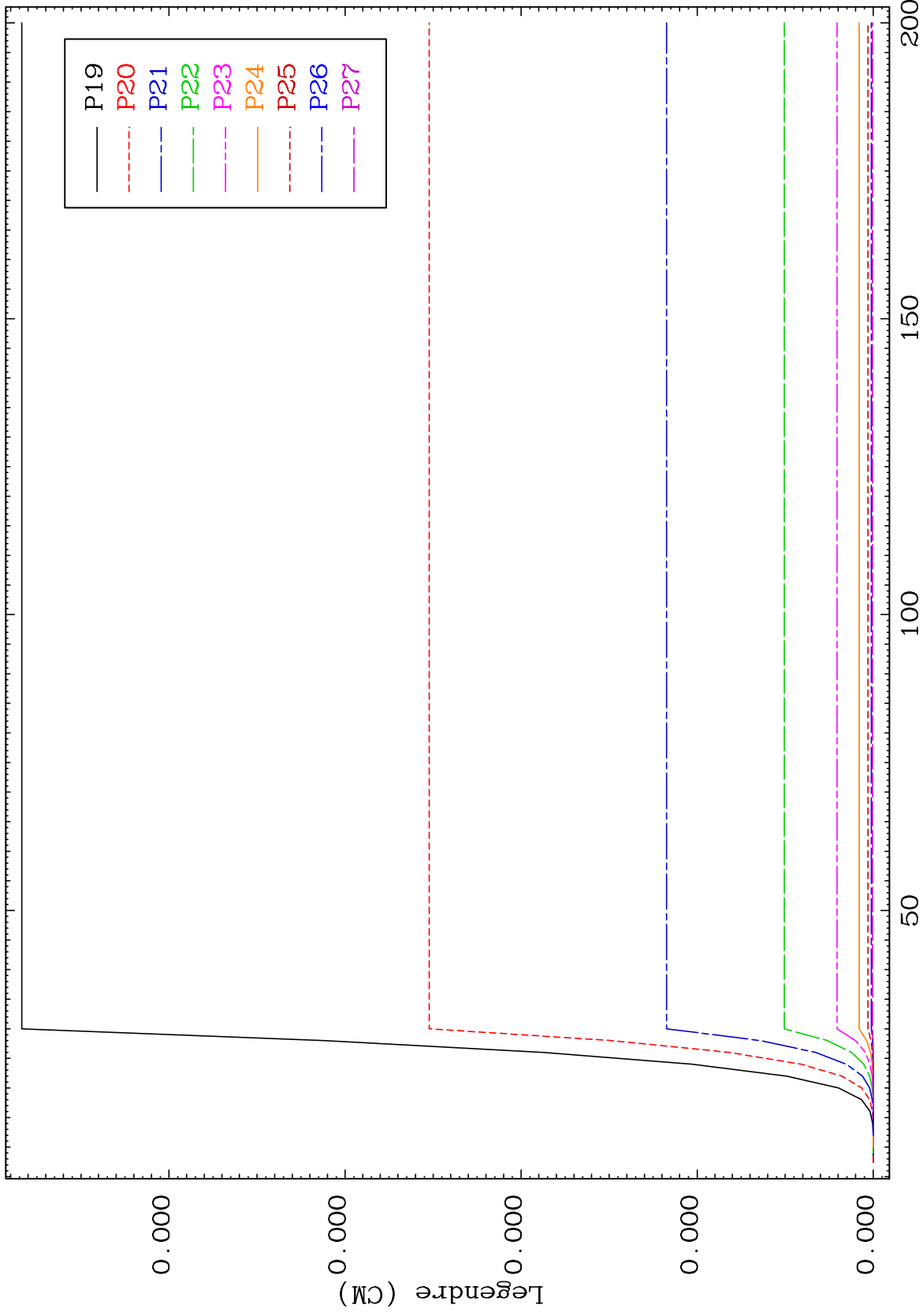




MAT 4813

776.5 keV (n,n') Level
Legendre Coefficients

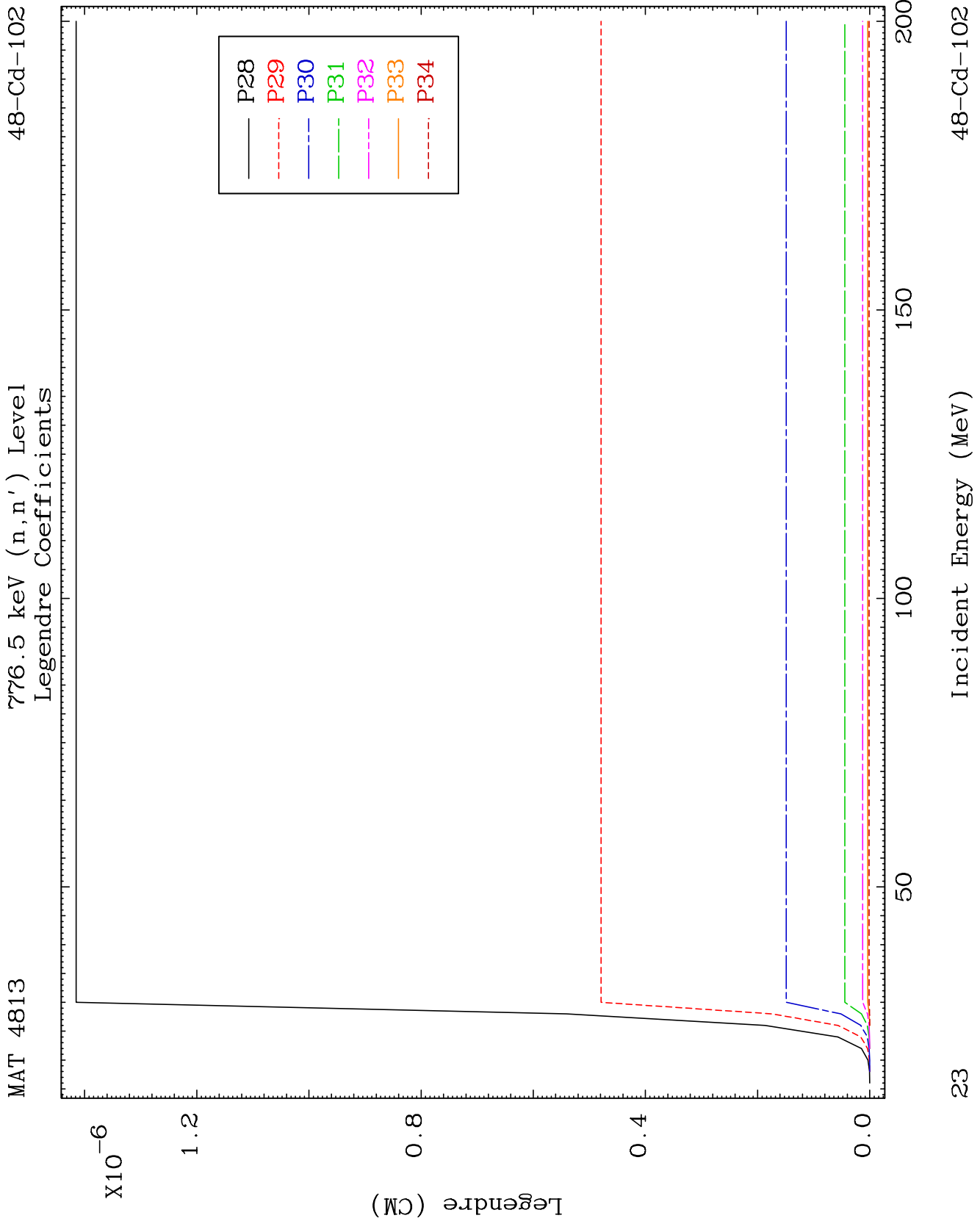
48-Cd-102



22

Incident Energy (MeV)

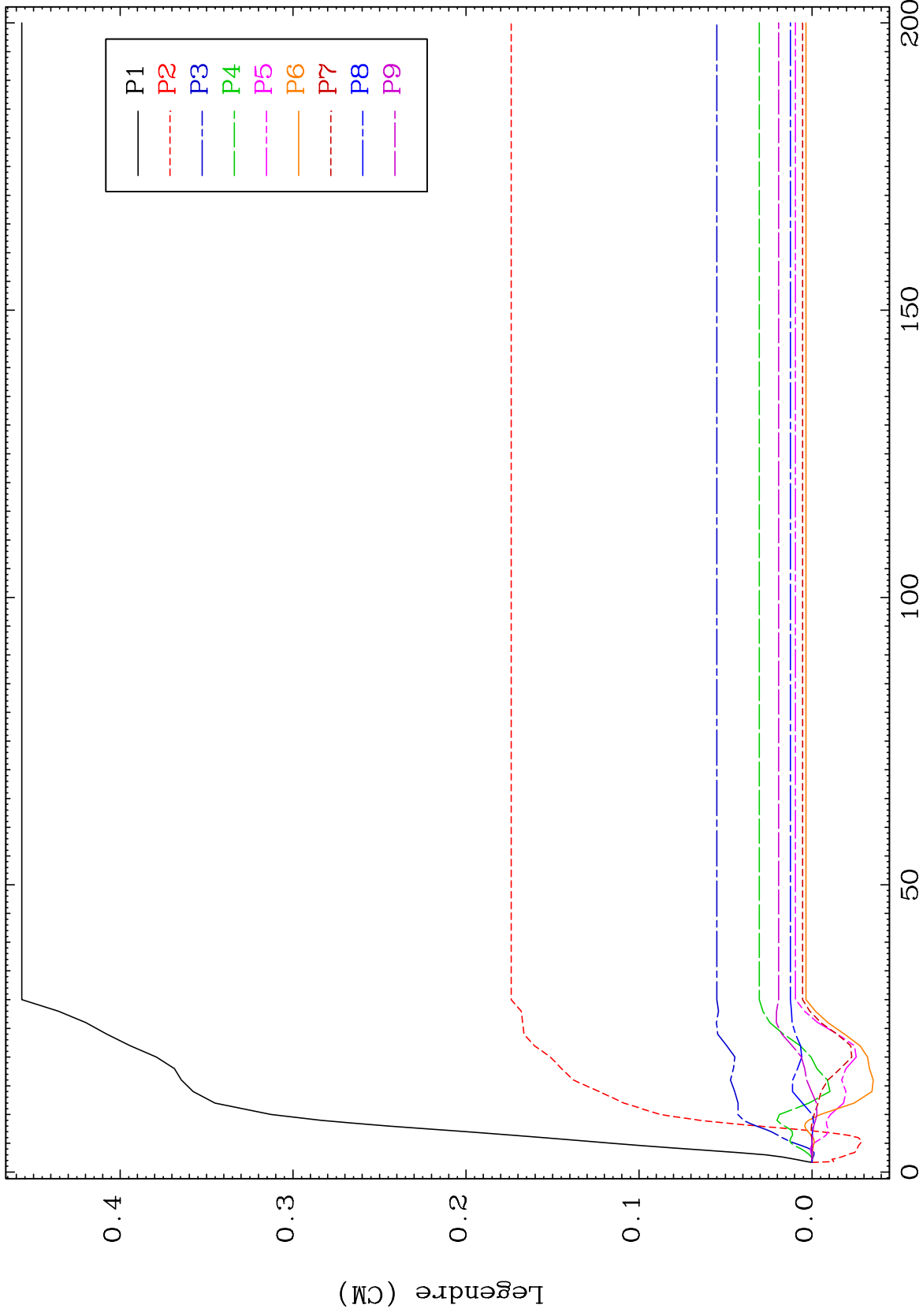
48-Cd-102



MAT 4813

1.638 MeV (n,n') Level
Legendre Coefficients

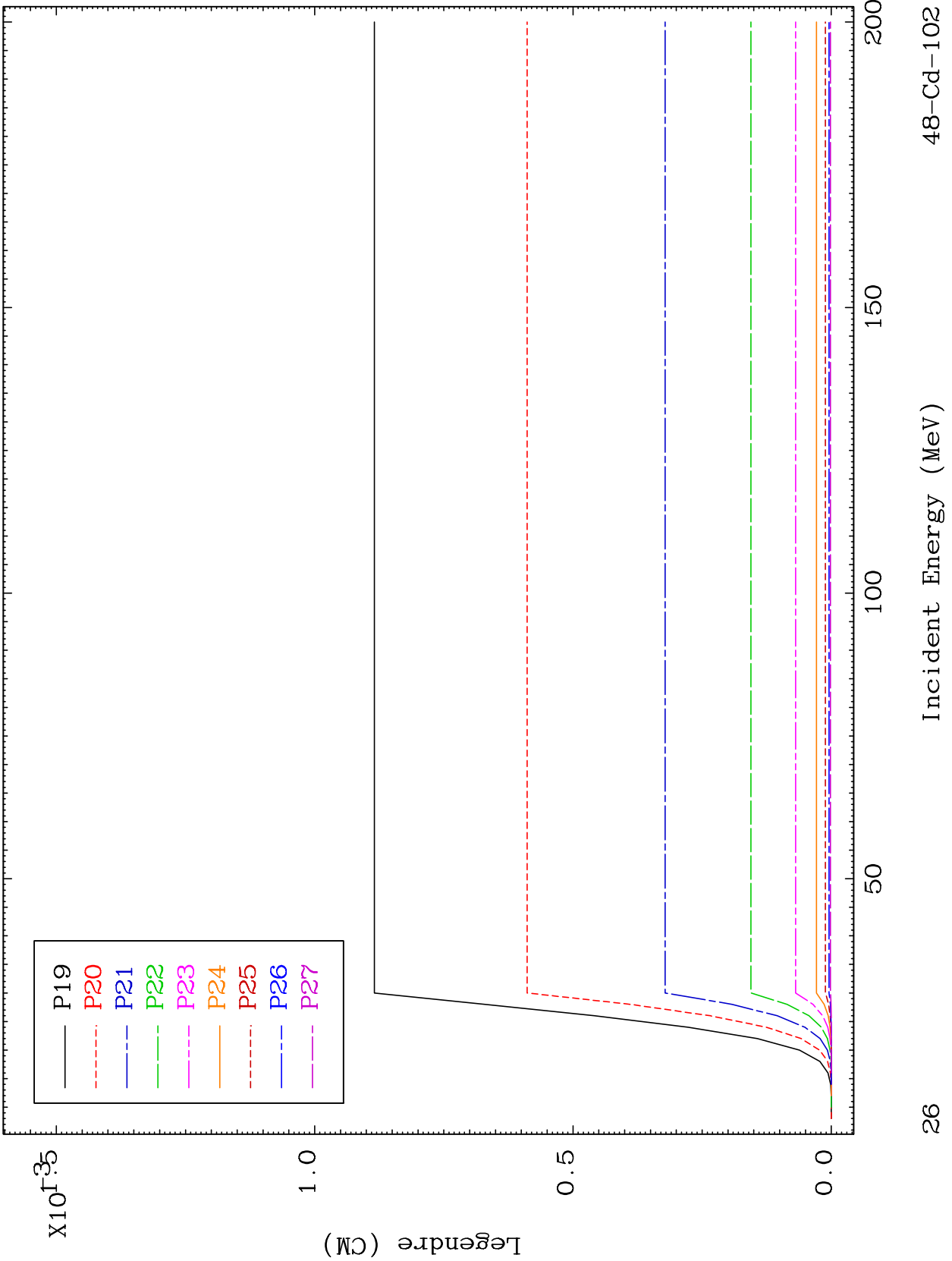
48-Cd-102



48-Cd-102

Incident Energy (MeV)

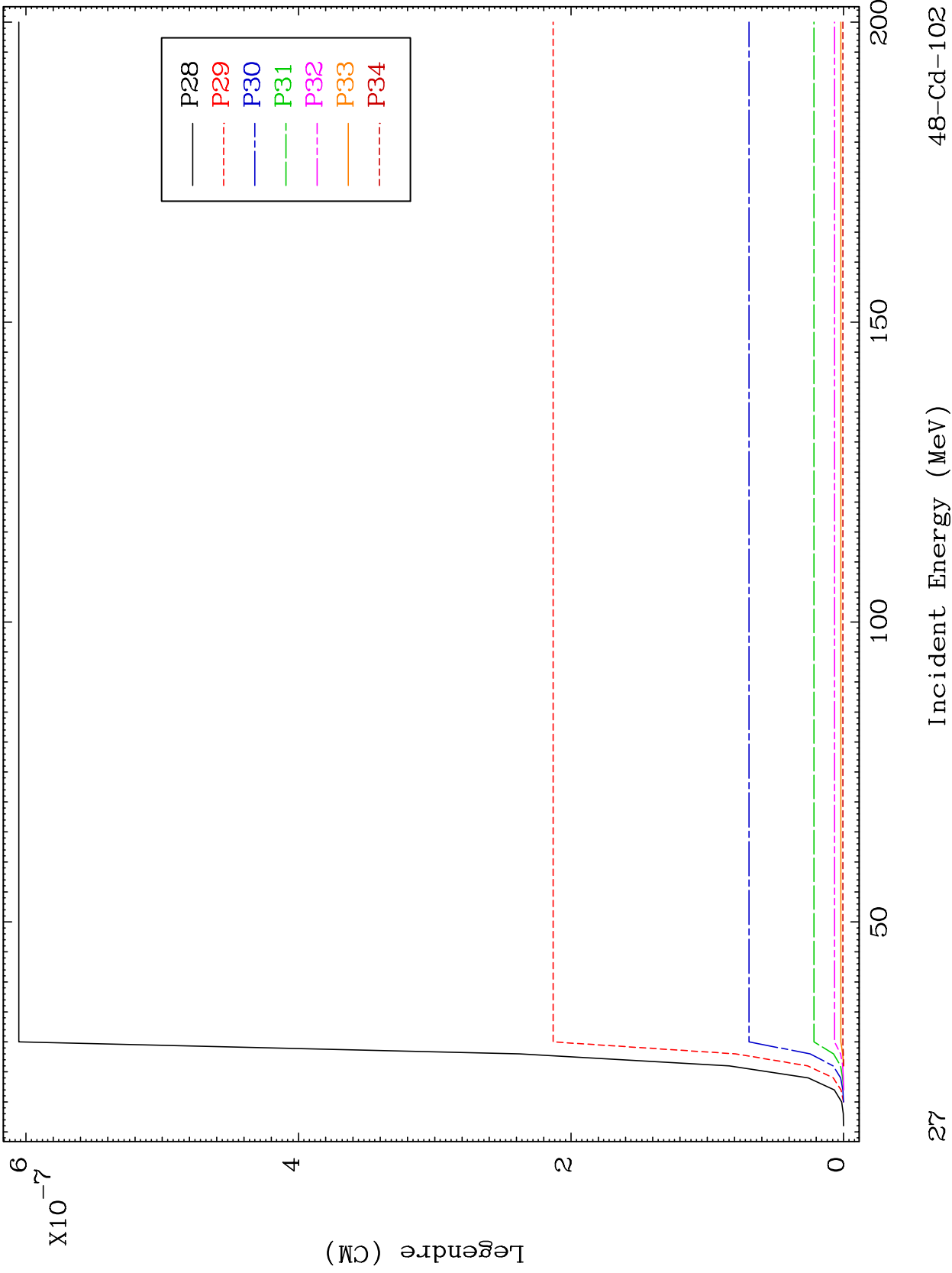
24



MAT 4813

1.638 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



27

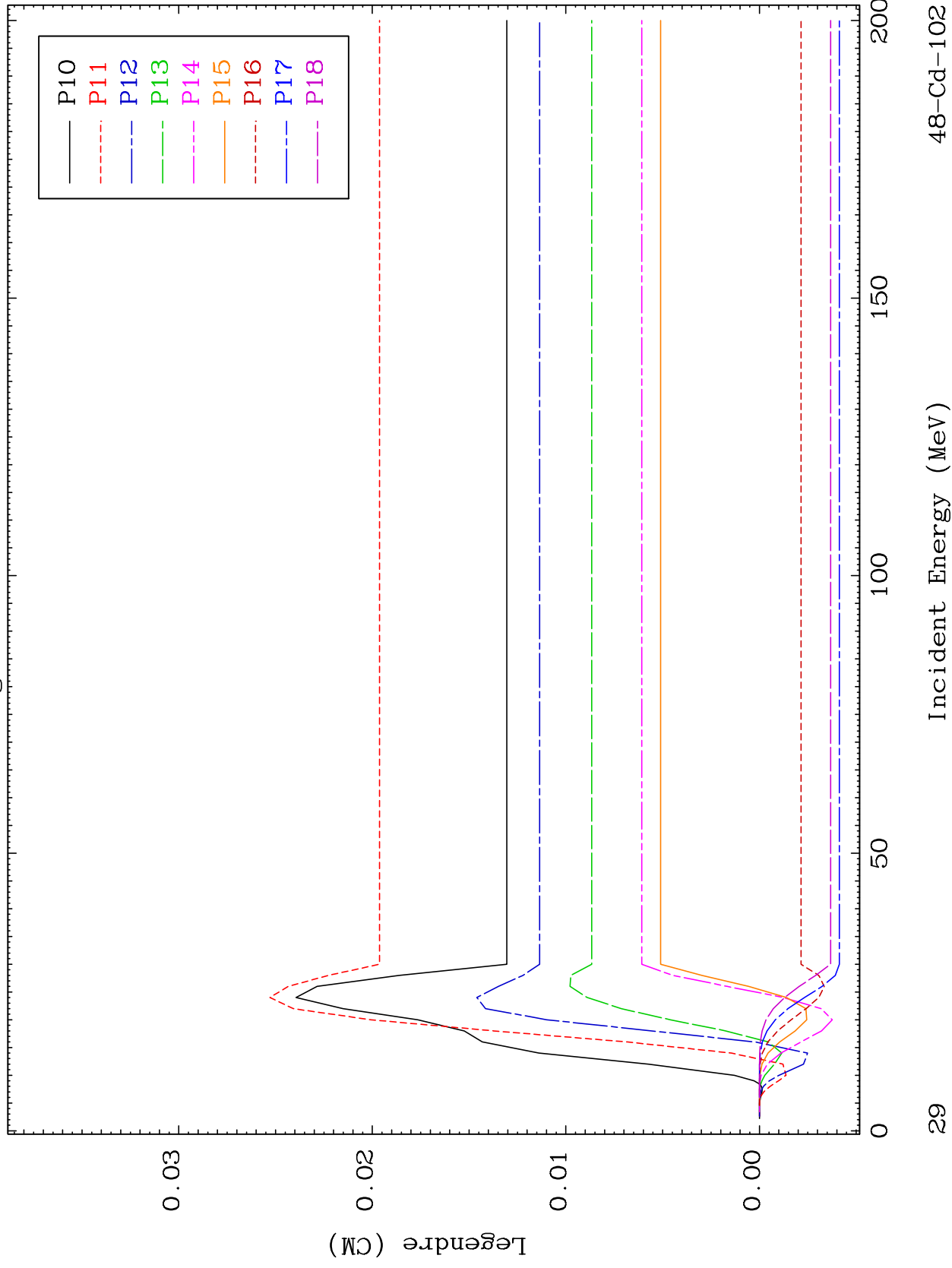
Incident Energy (MeV)

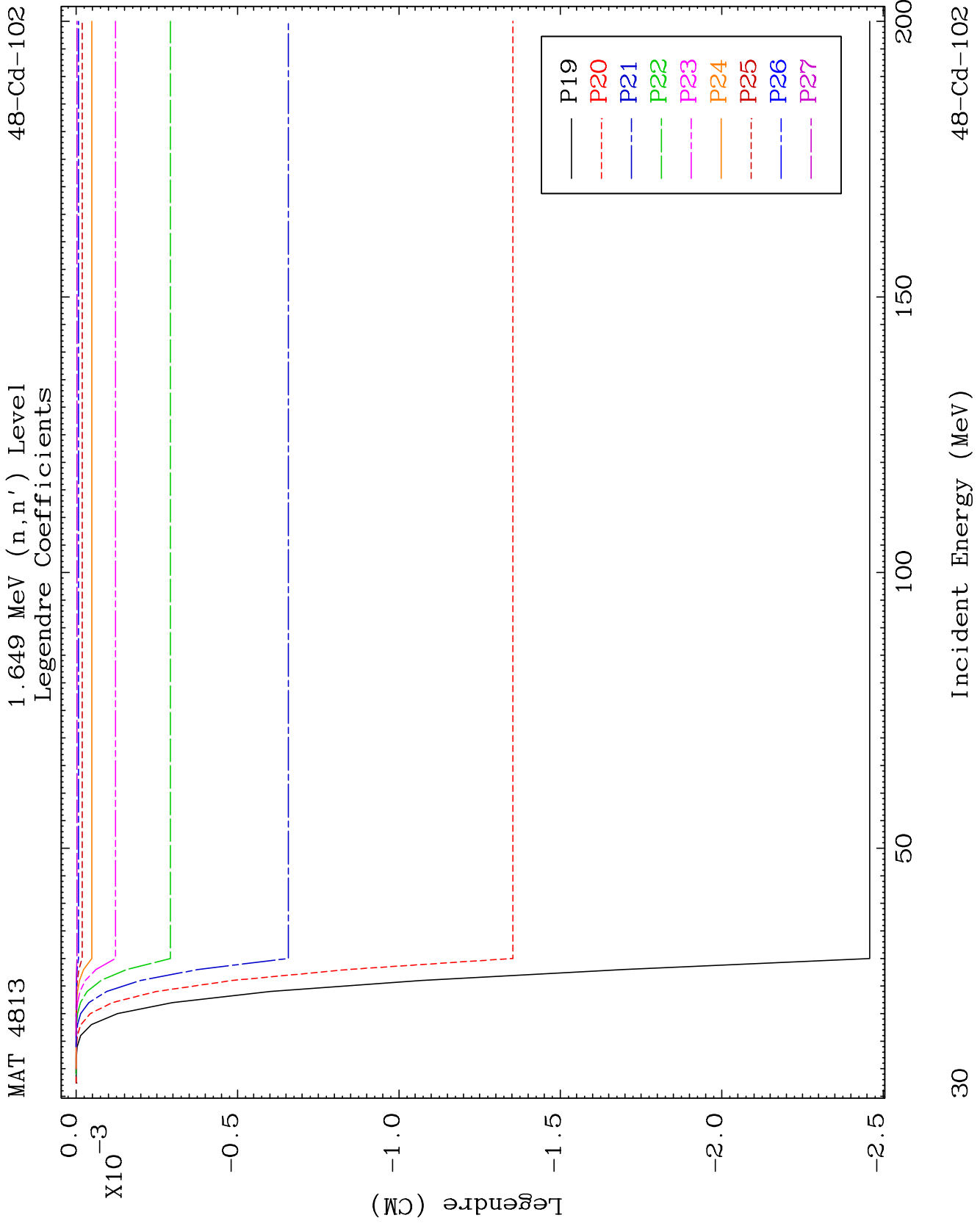
48-Cd-102

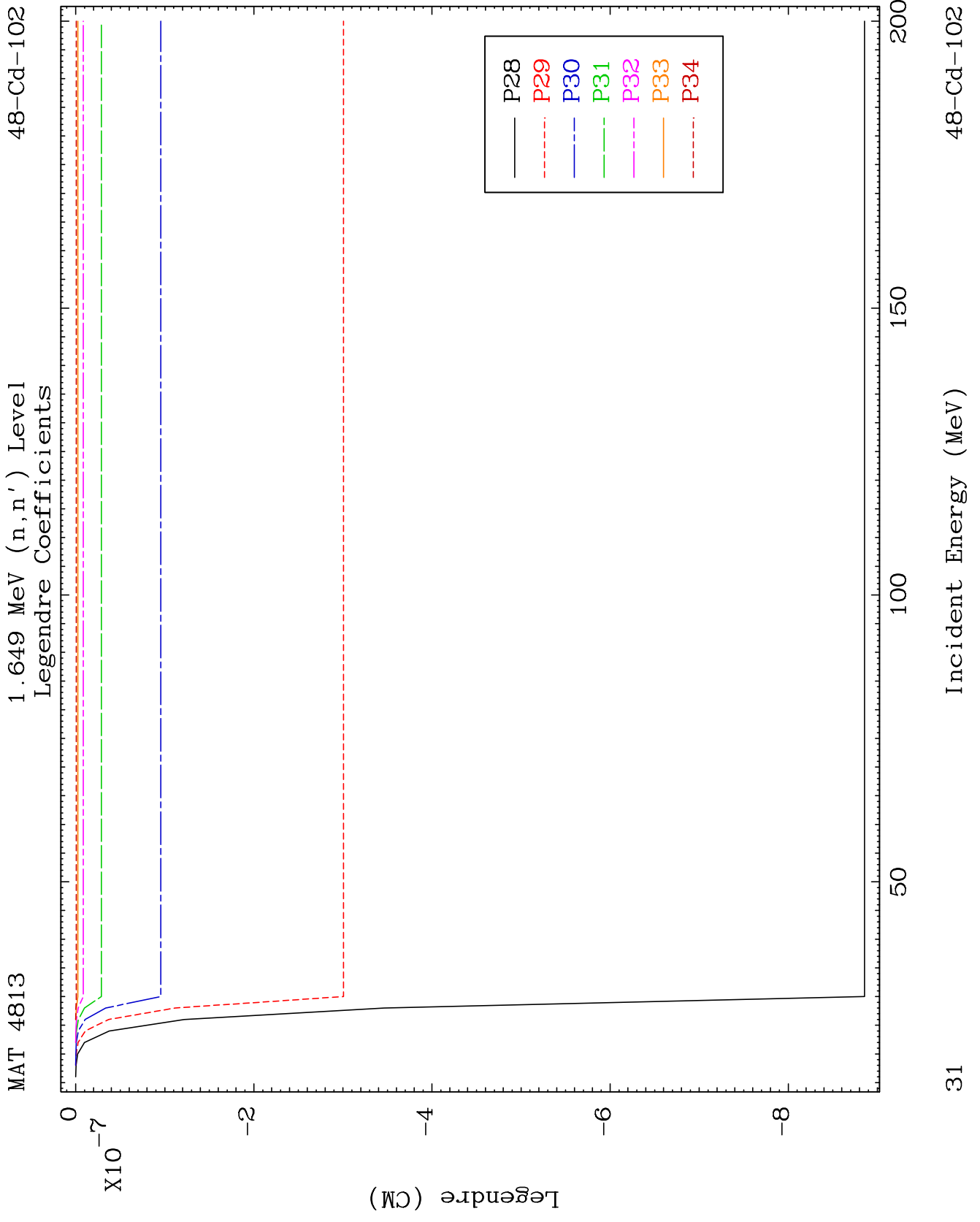
MAT 4813

1.649 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



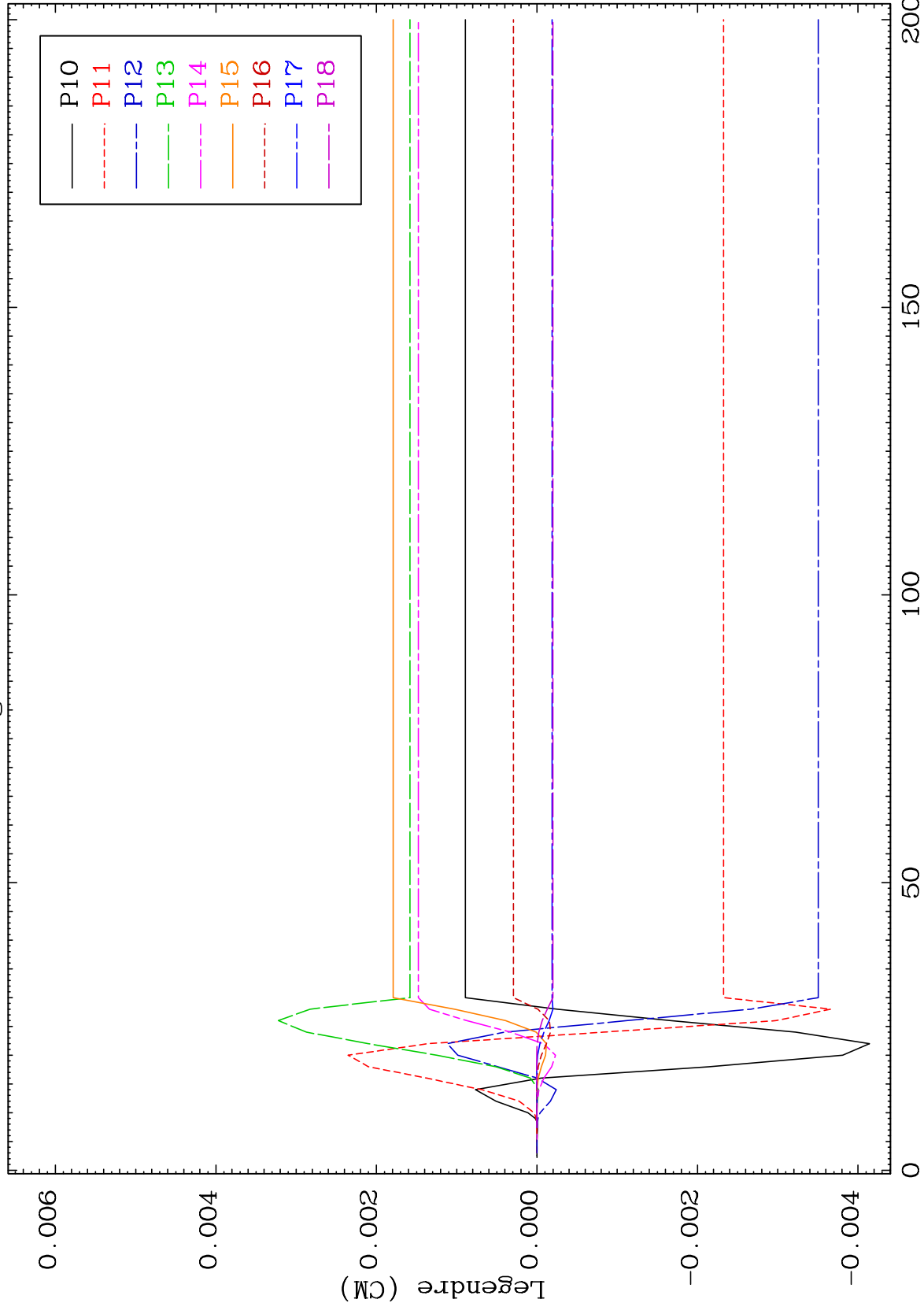




MAT 4813

2.035 MeV (n,n') Level
Legendre Coefficients

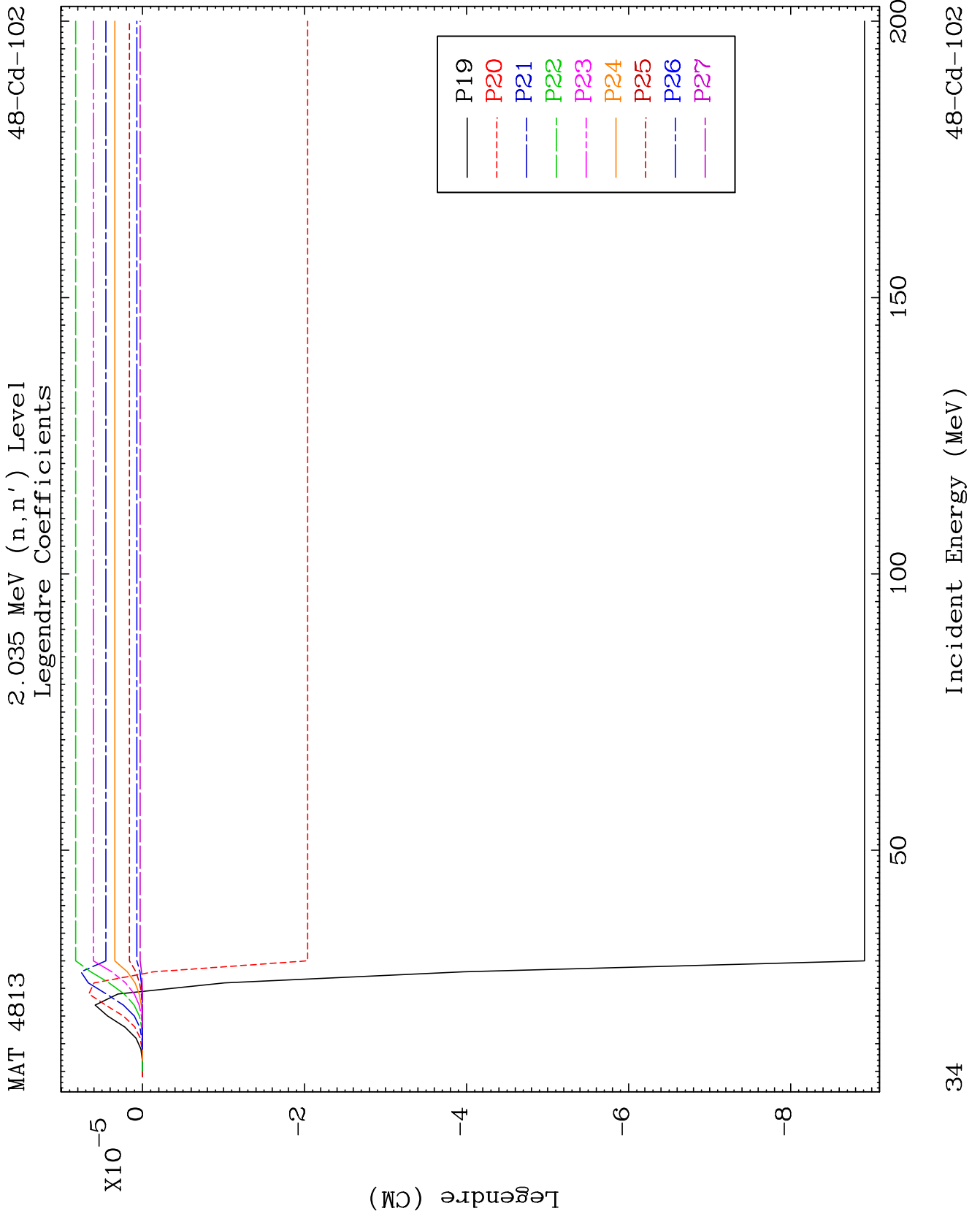
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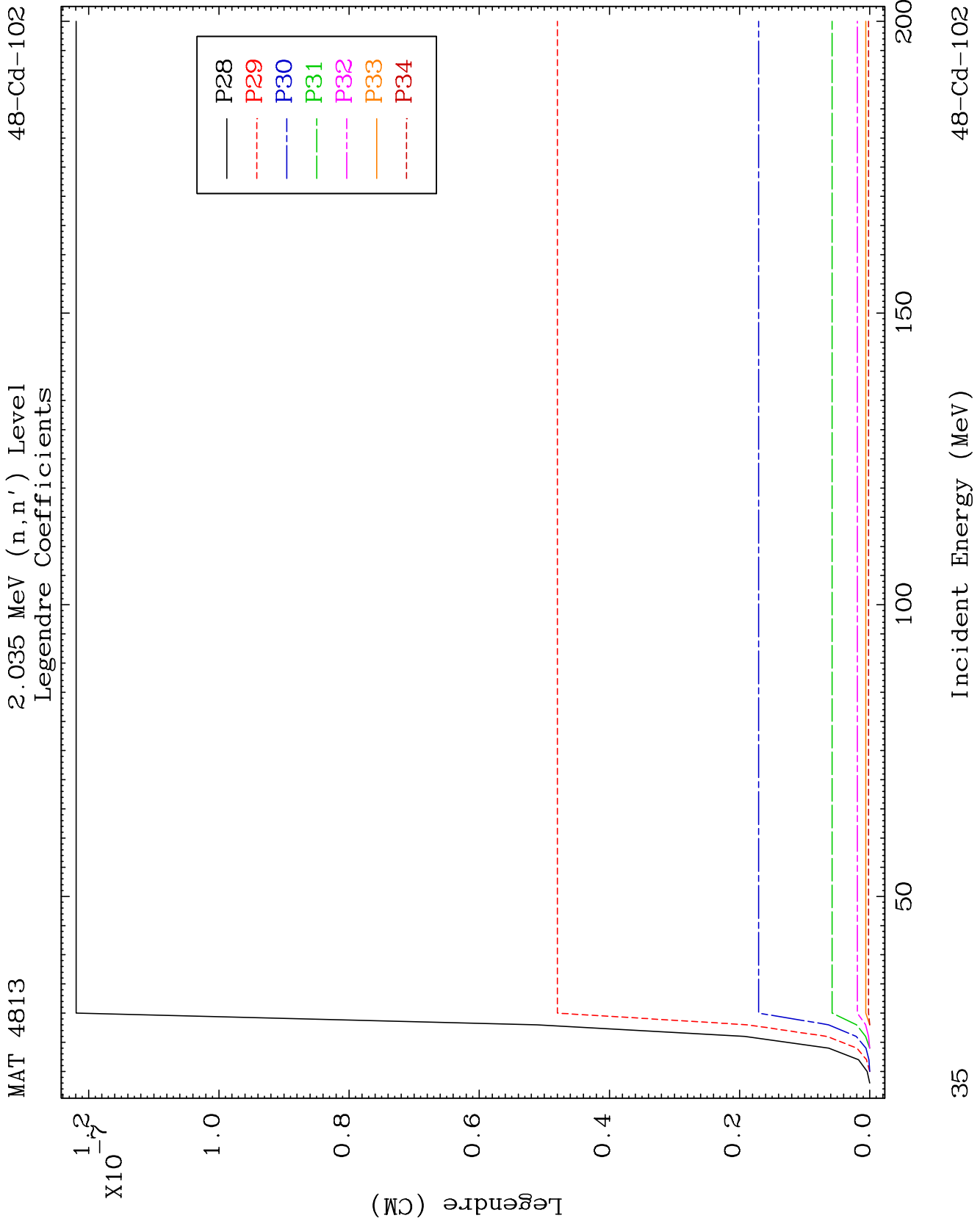


33

Incident Energy (MeV)

48-Cd-102

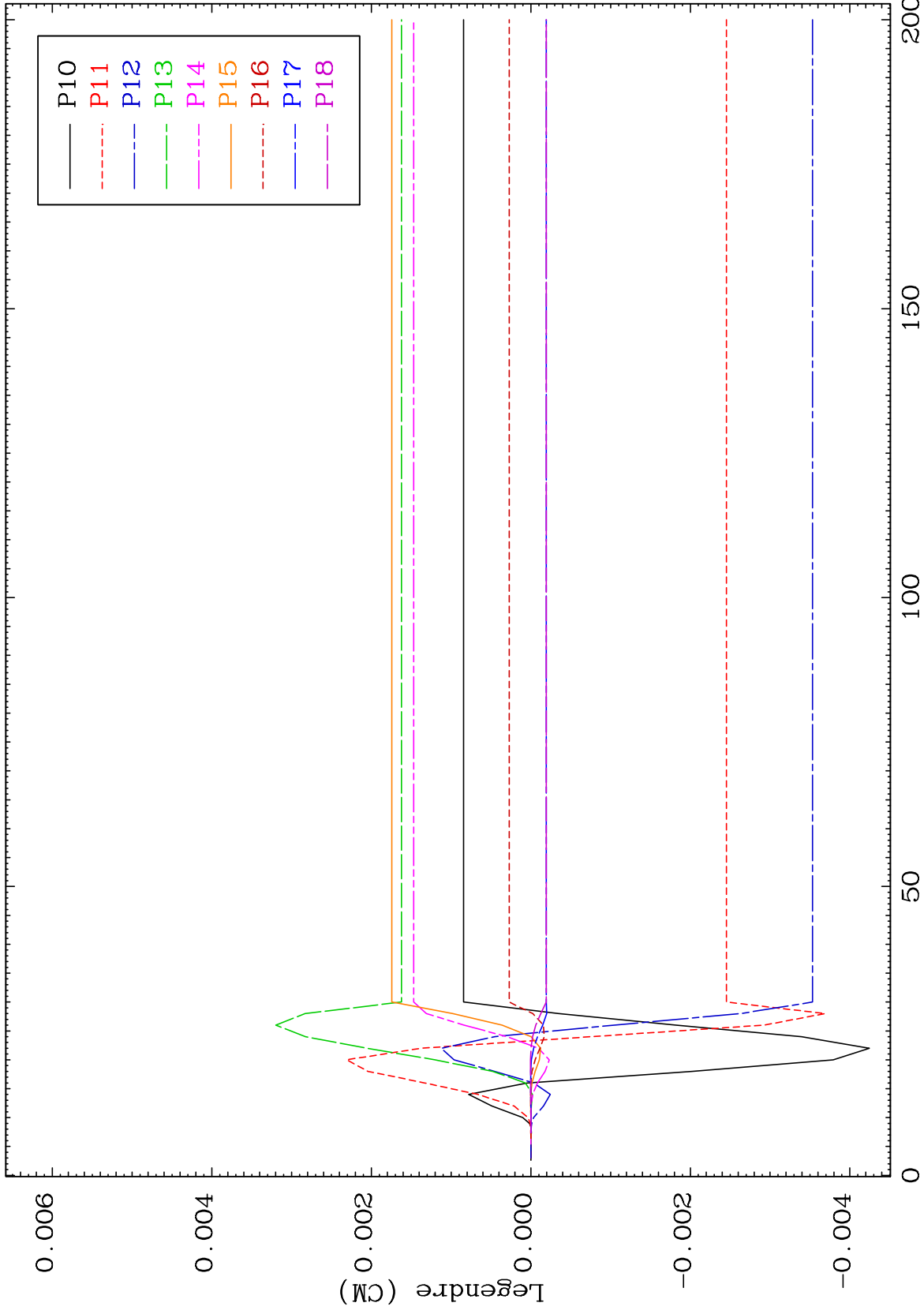




MAT 4813

2.231 MeV (n,n') Level
Legendre Coefficients

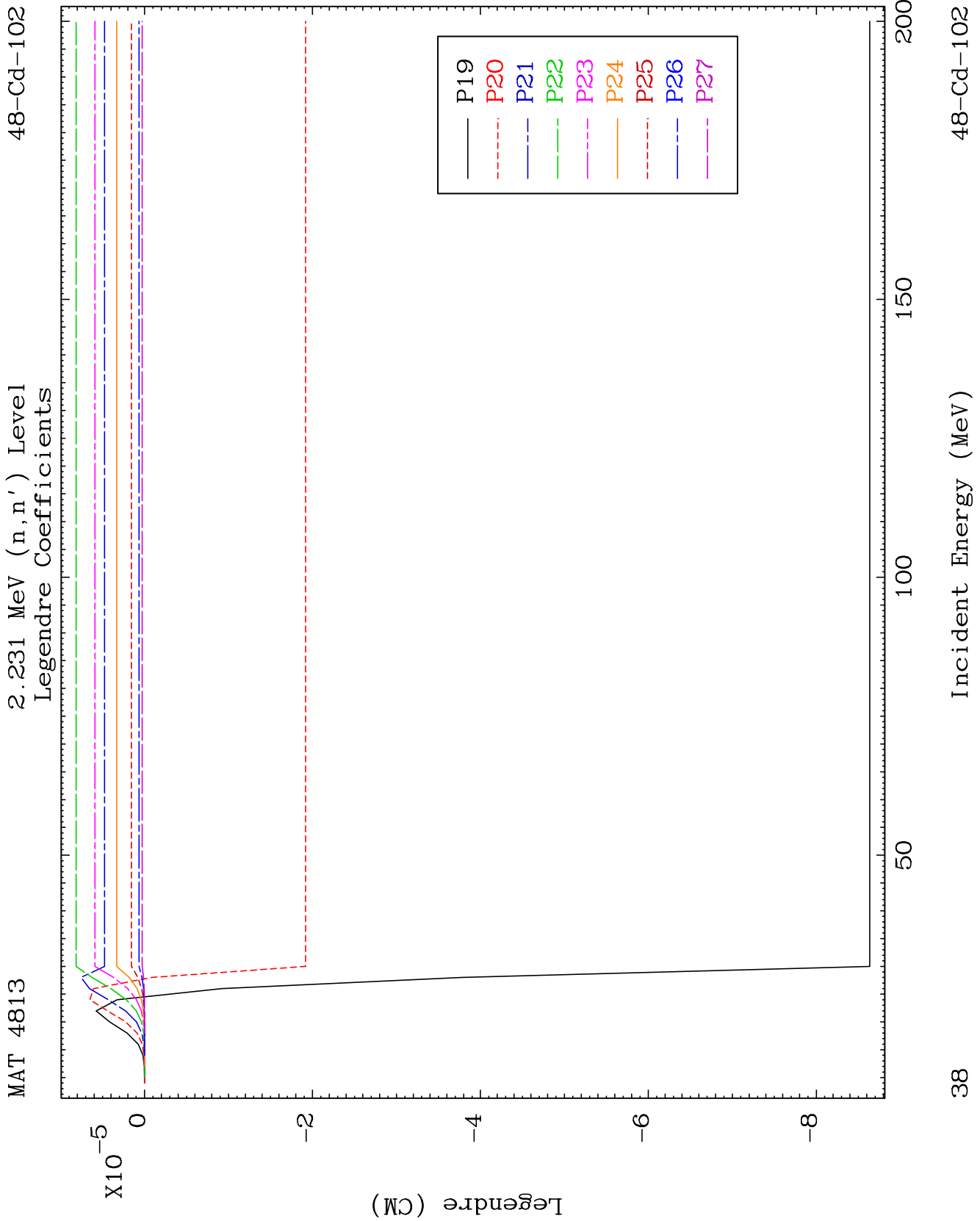
48-Cd-102



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Incident Energy (MeV)

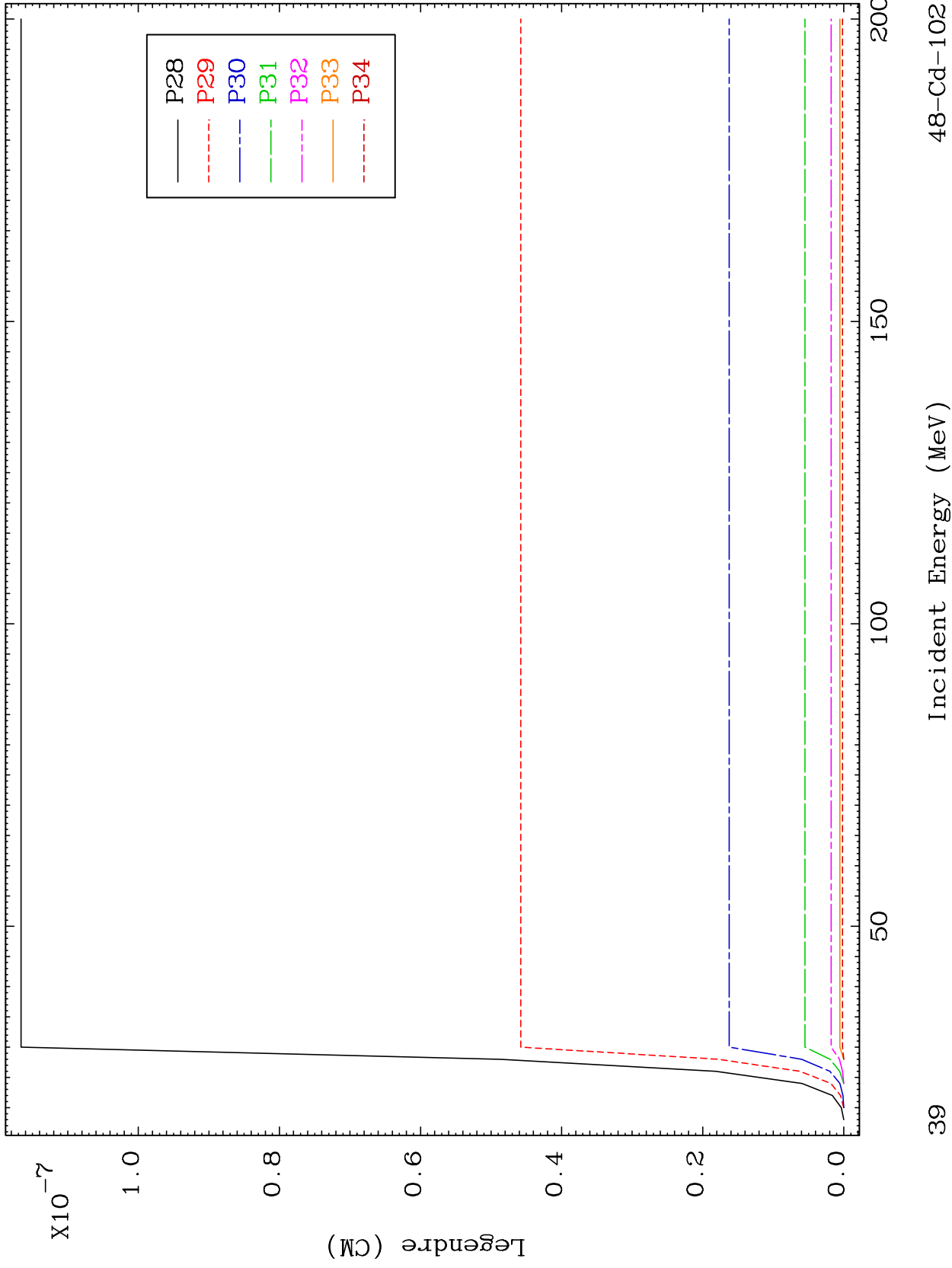
48-Cd-102



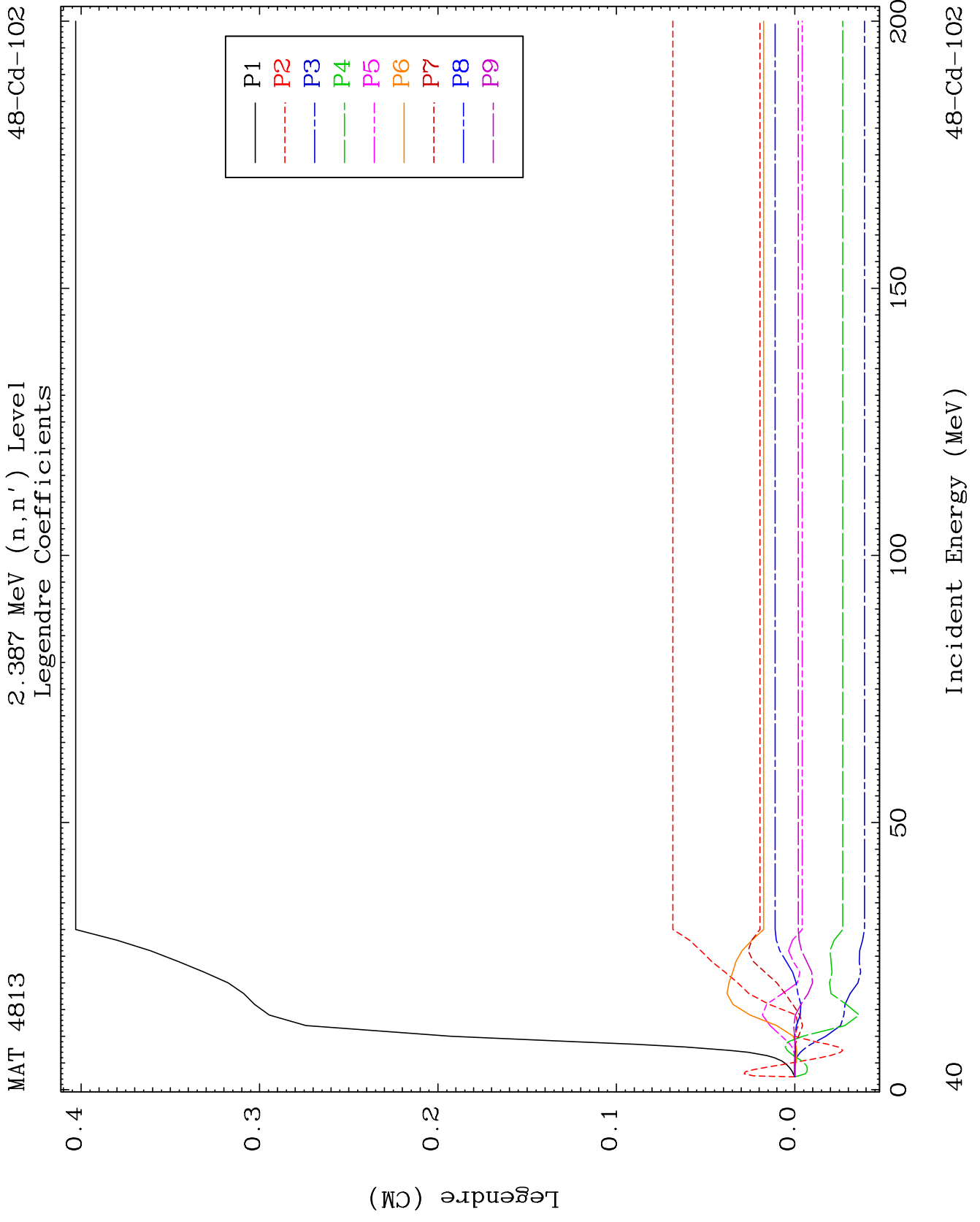
MAT 4813

2.231 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



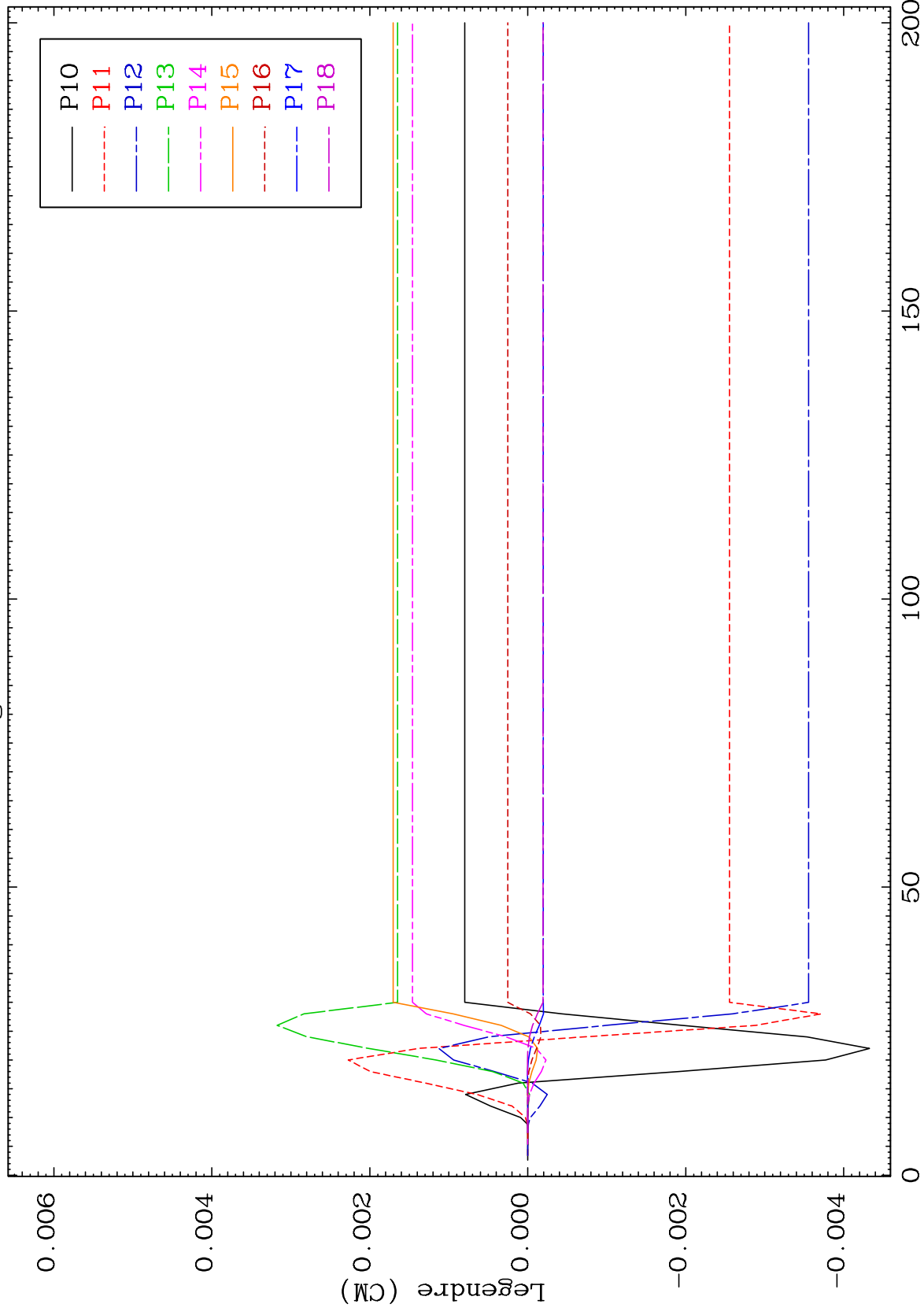
39



MAT 4813

2.387 MeV (n,n') Level
Legendre Coefficients

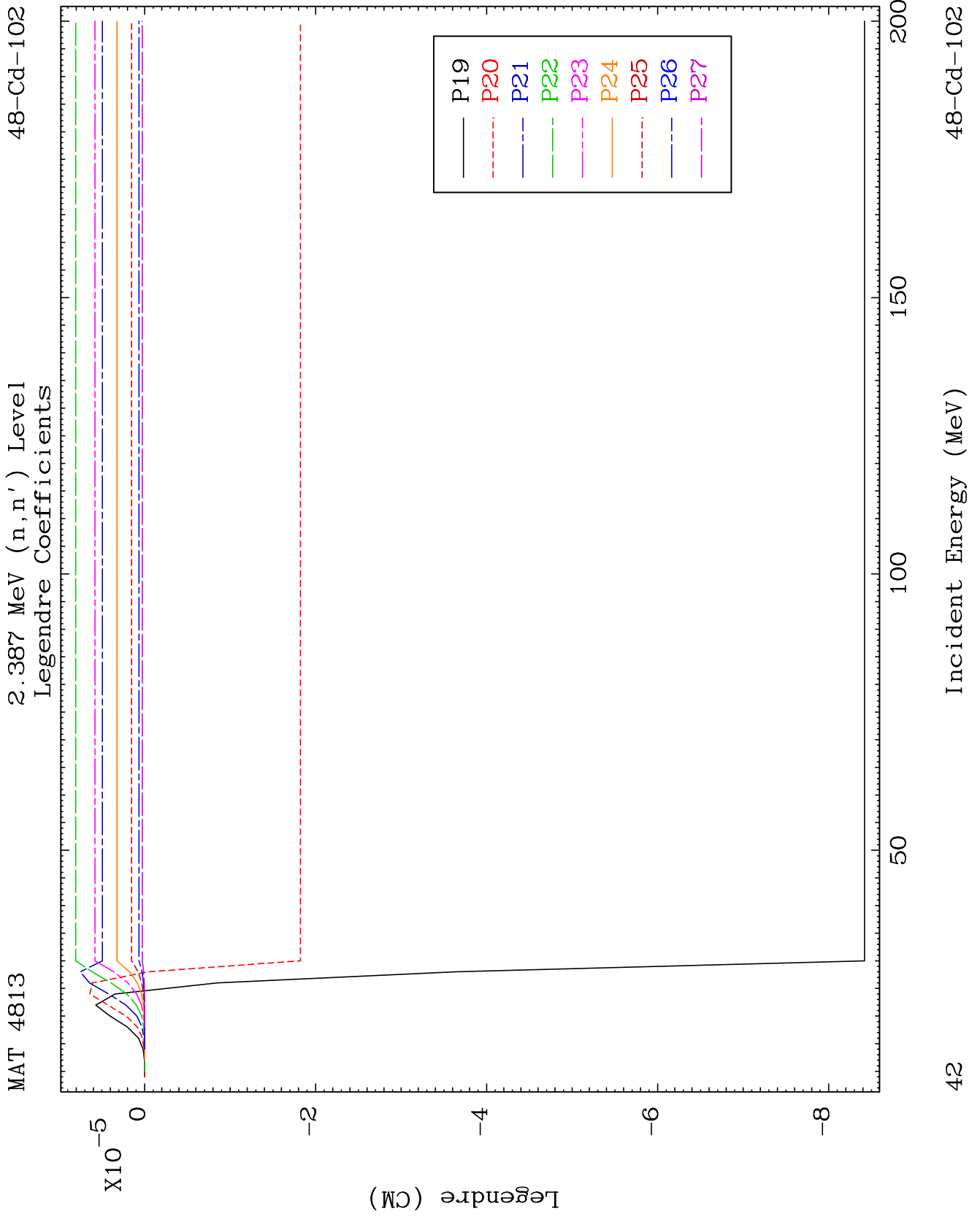
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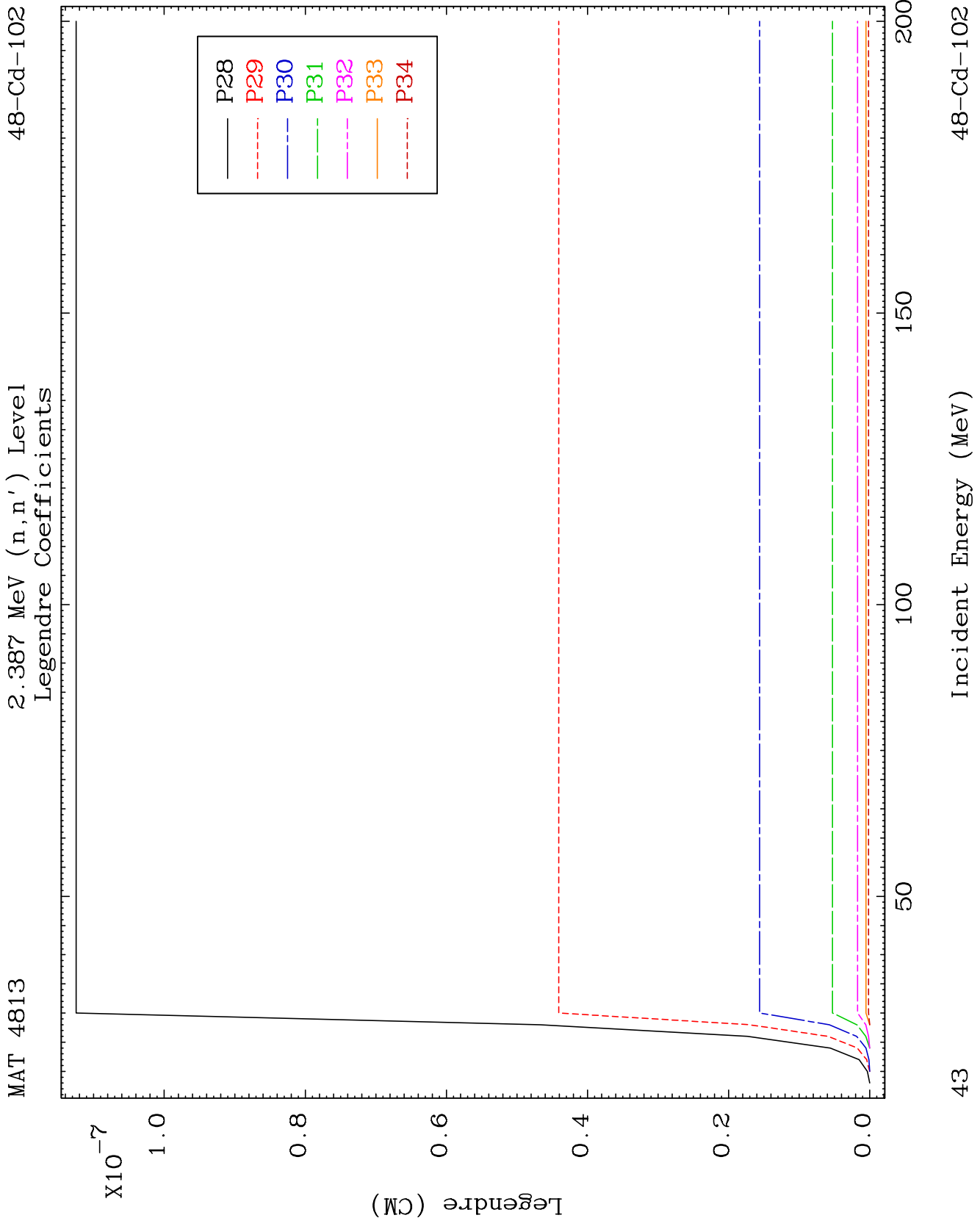


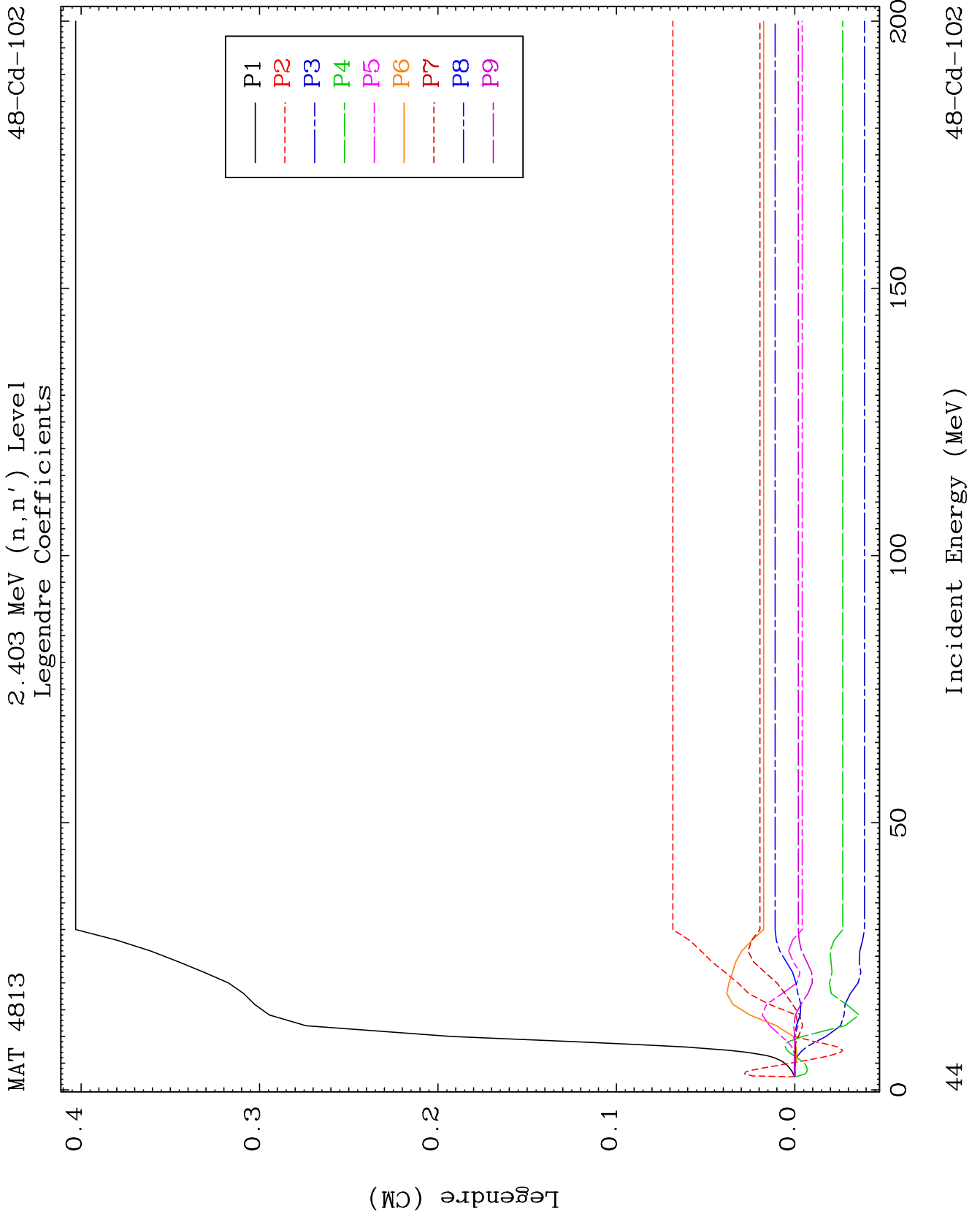
41

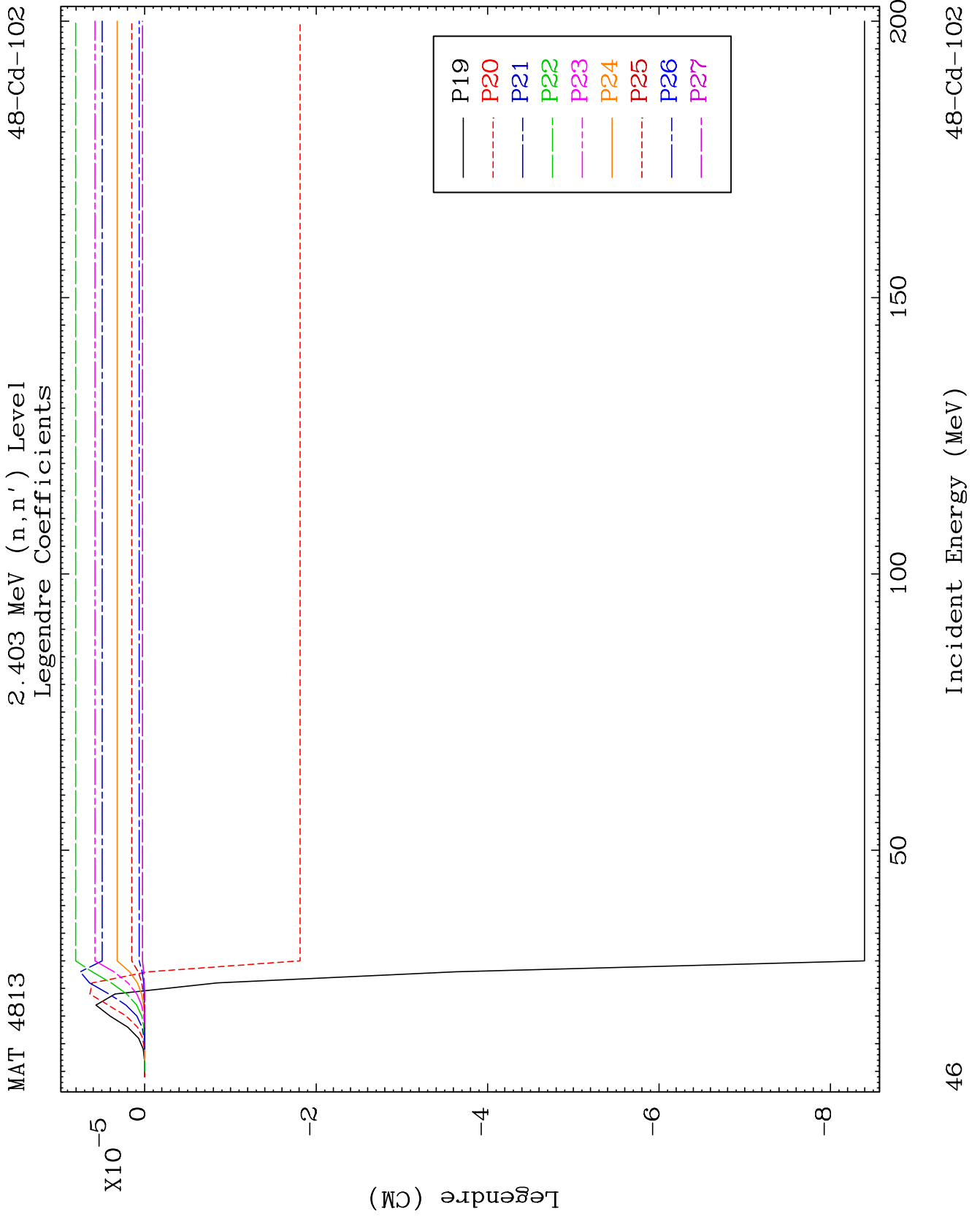
Incident Energy (MeV)

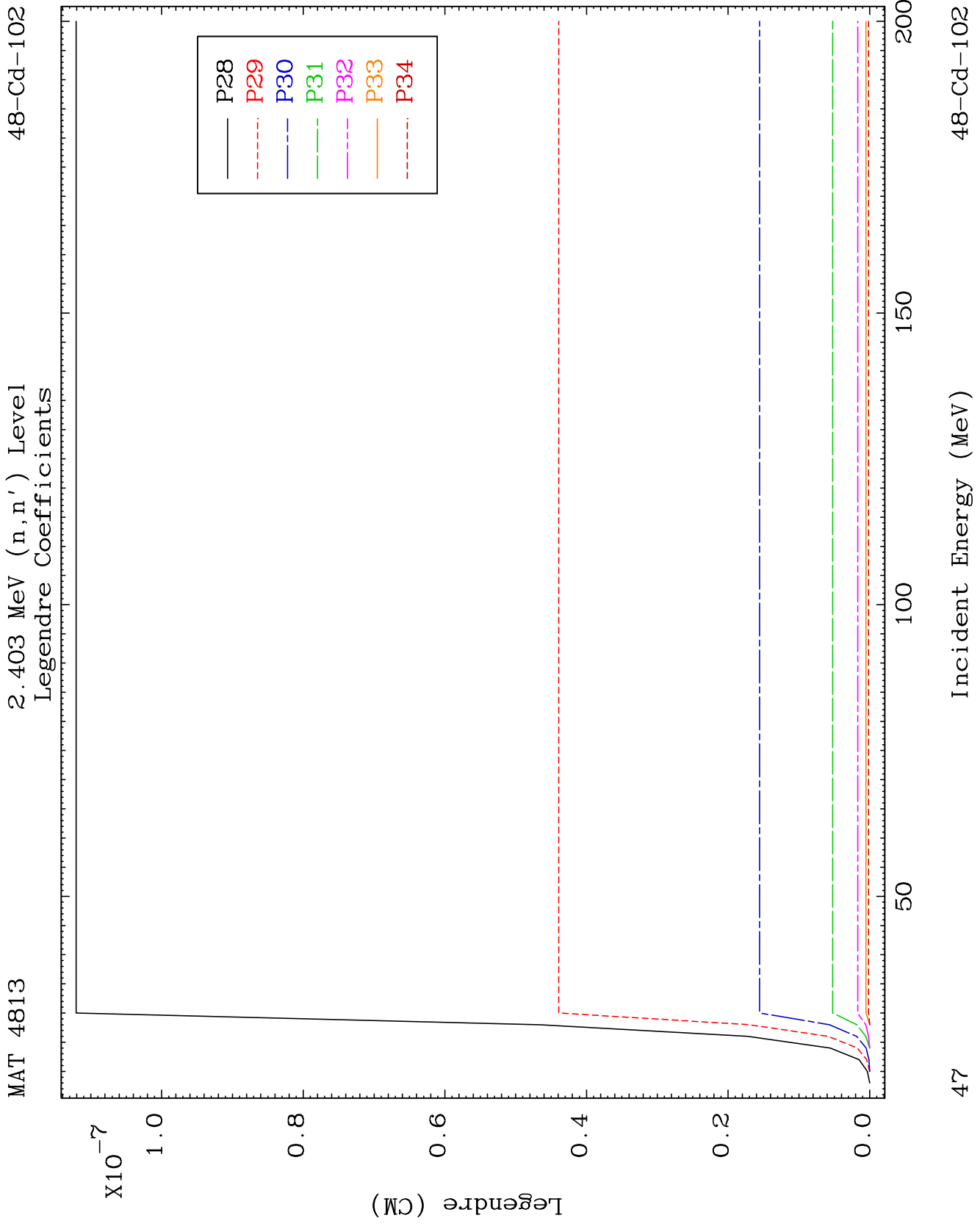
48-Cd-102

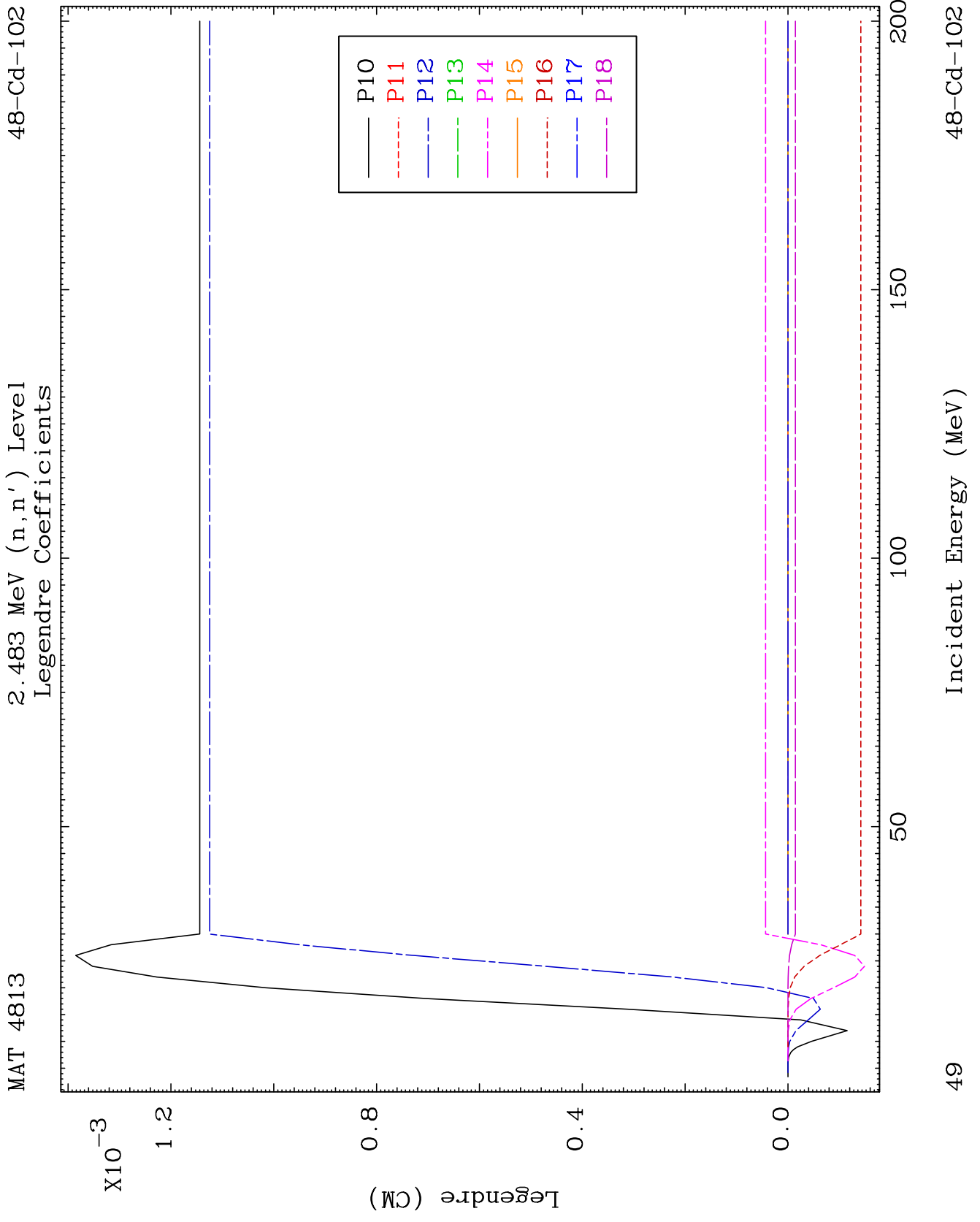


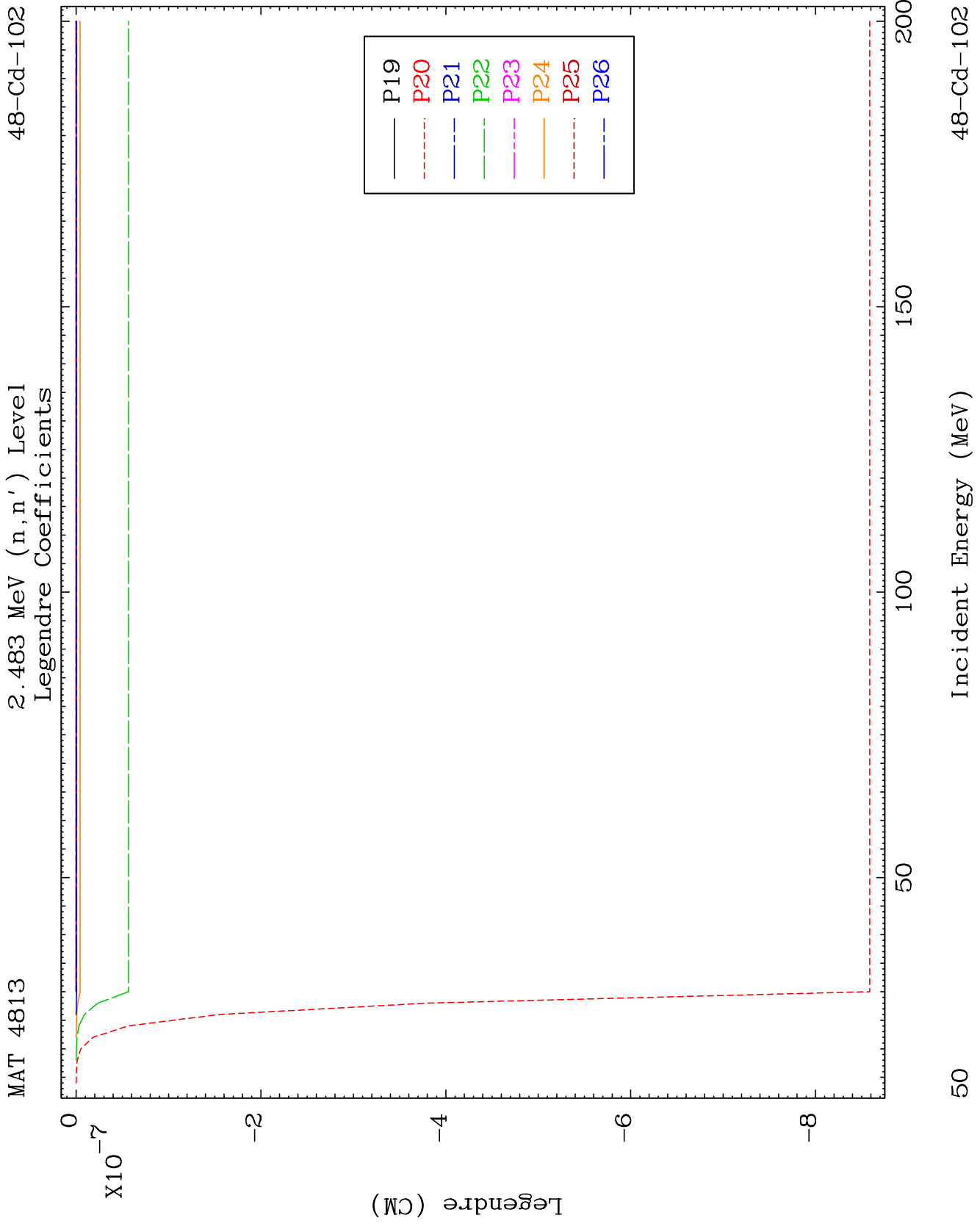


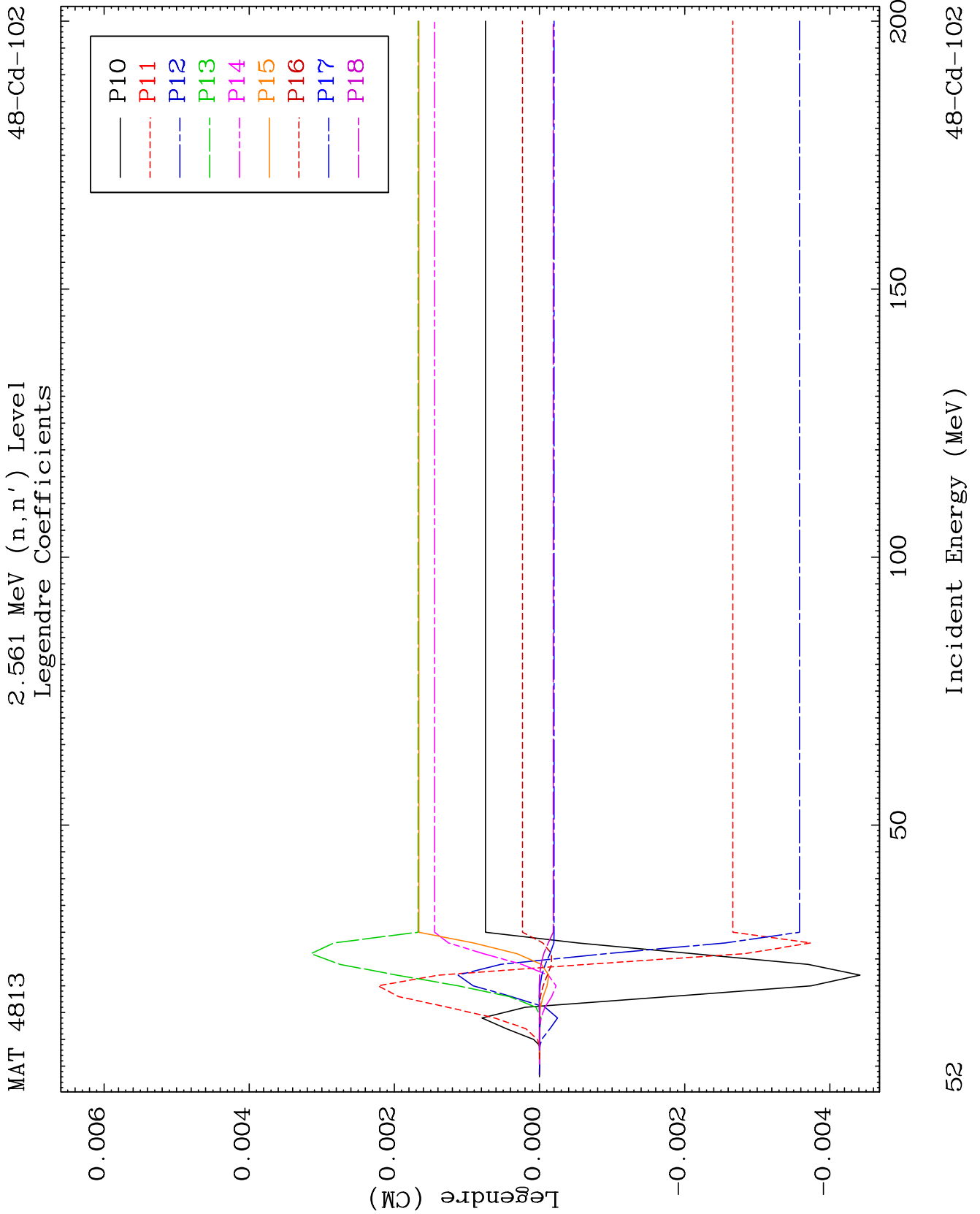


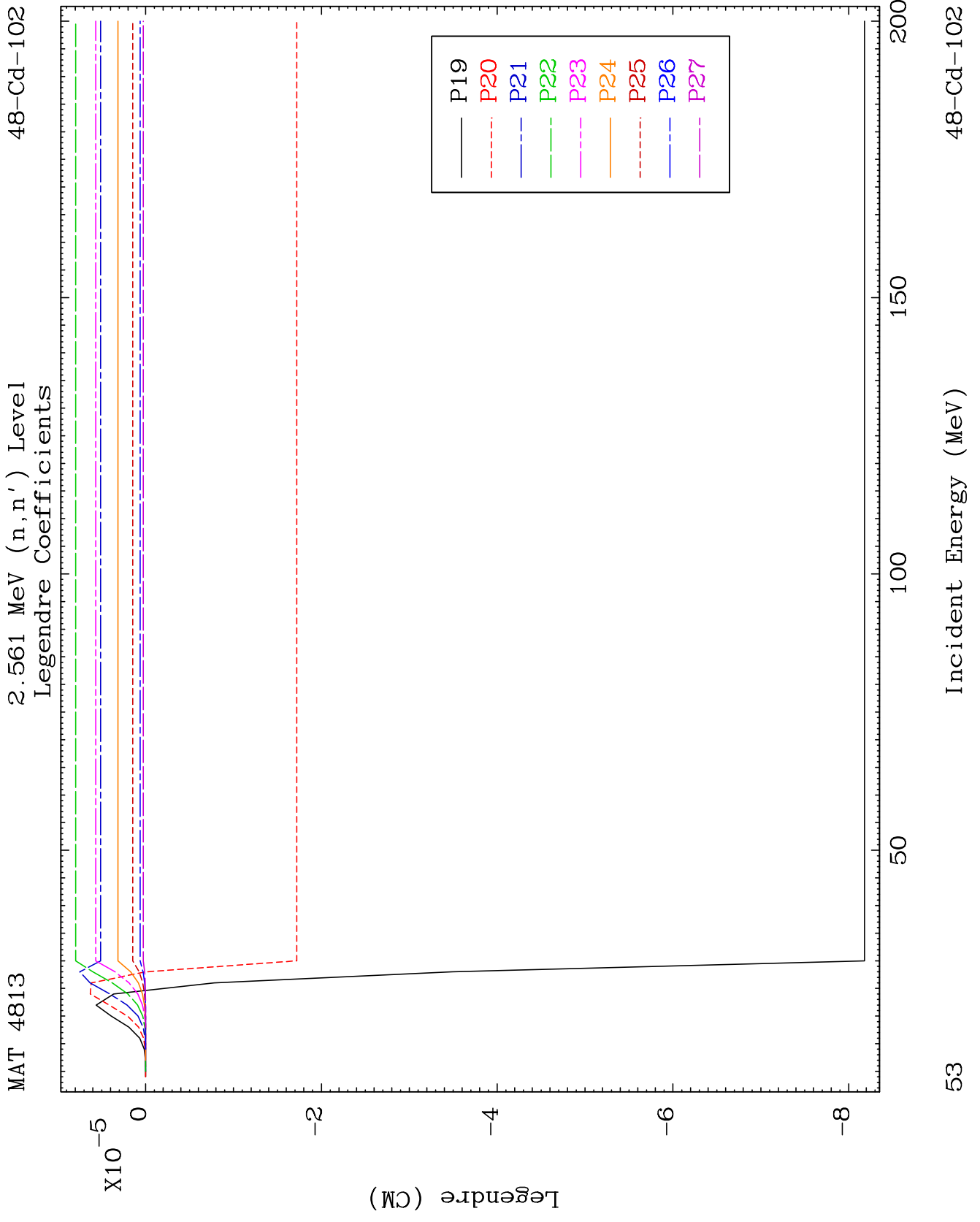


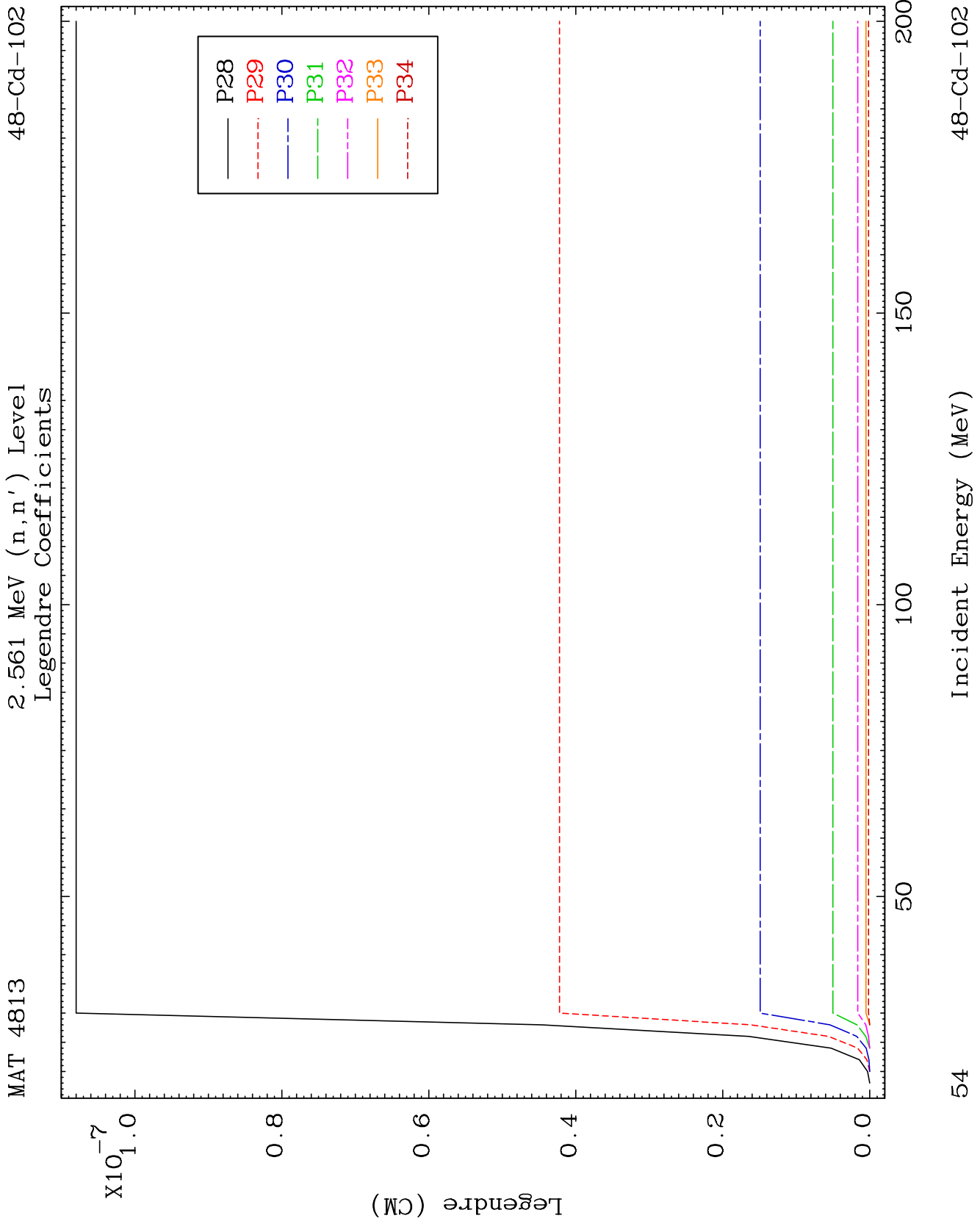


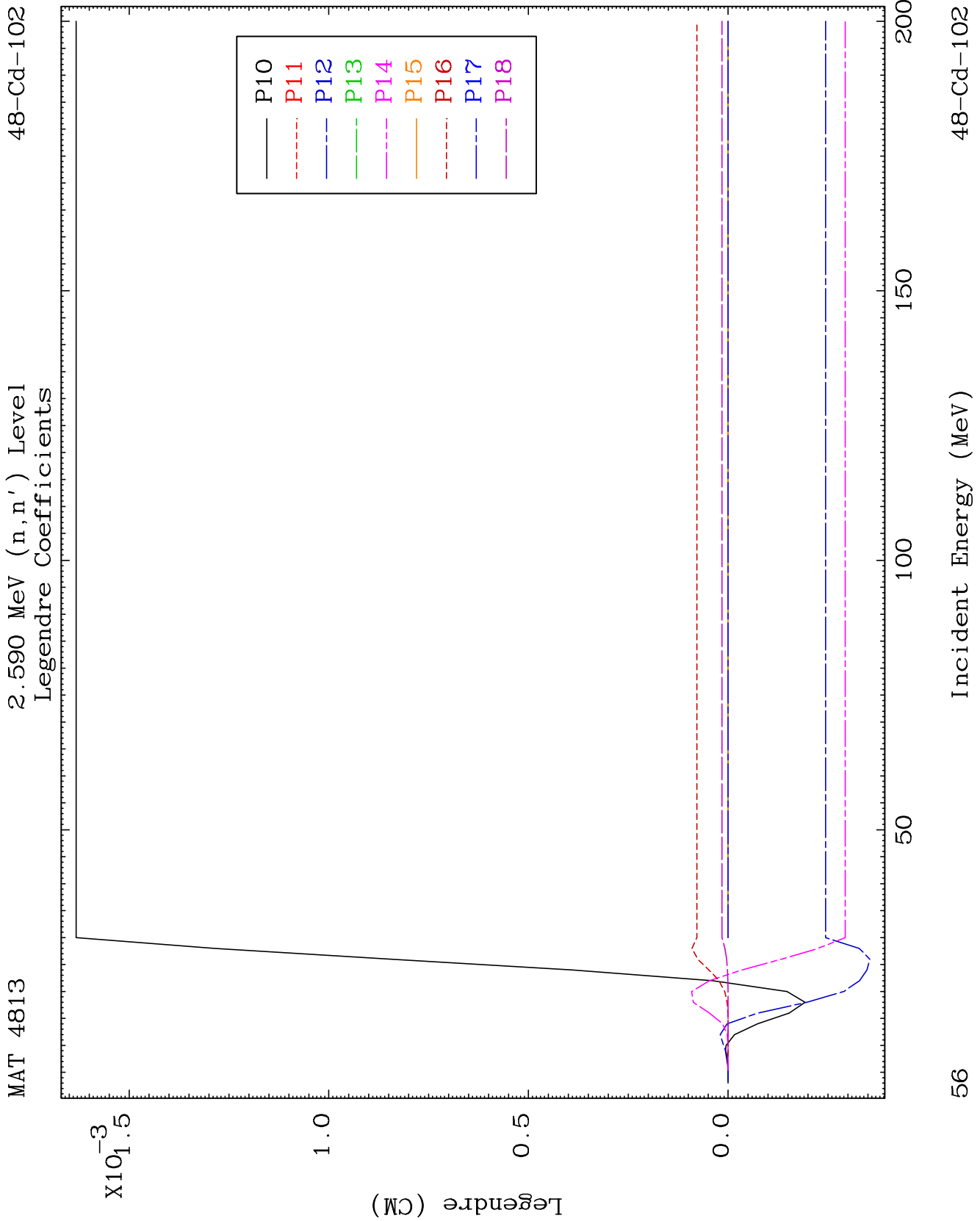


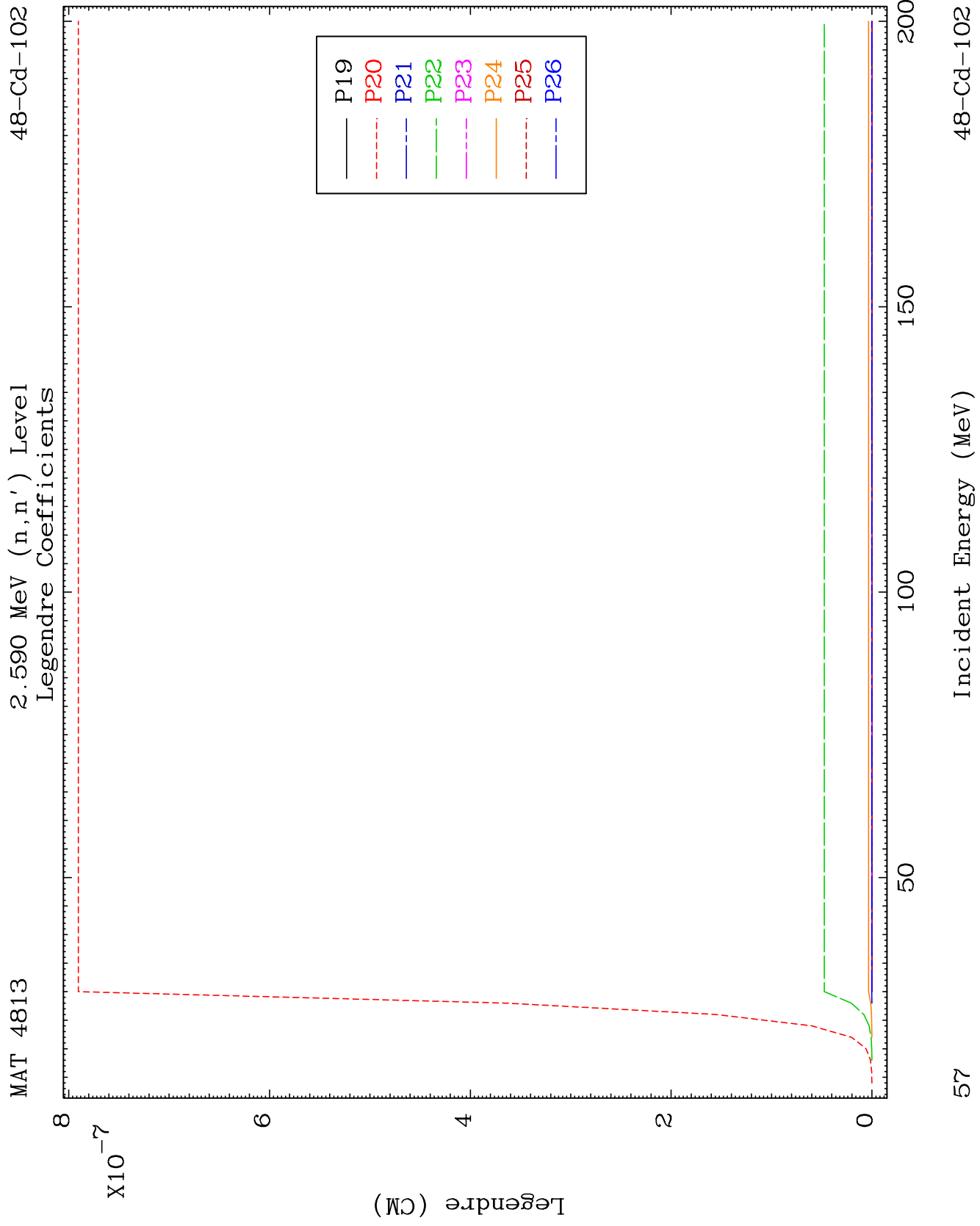








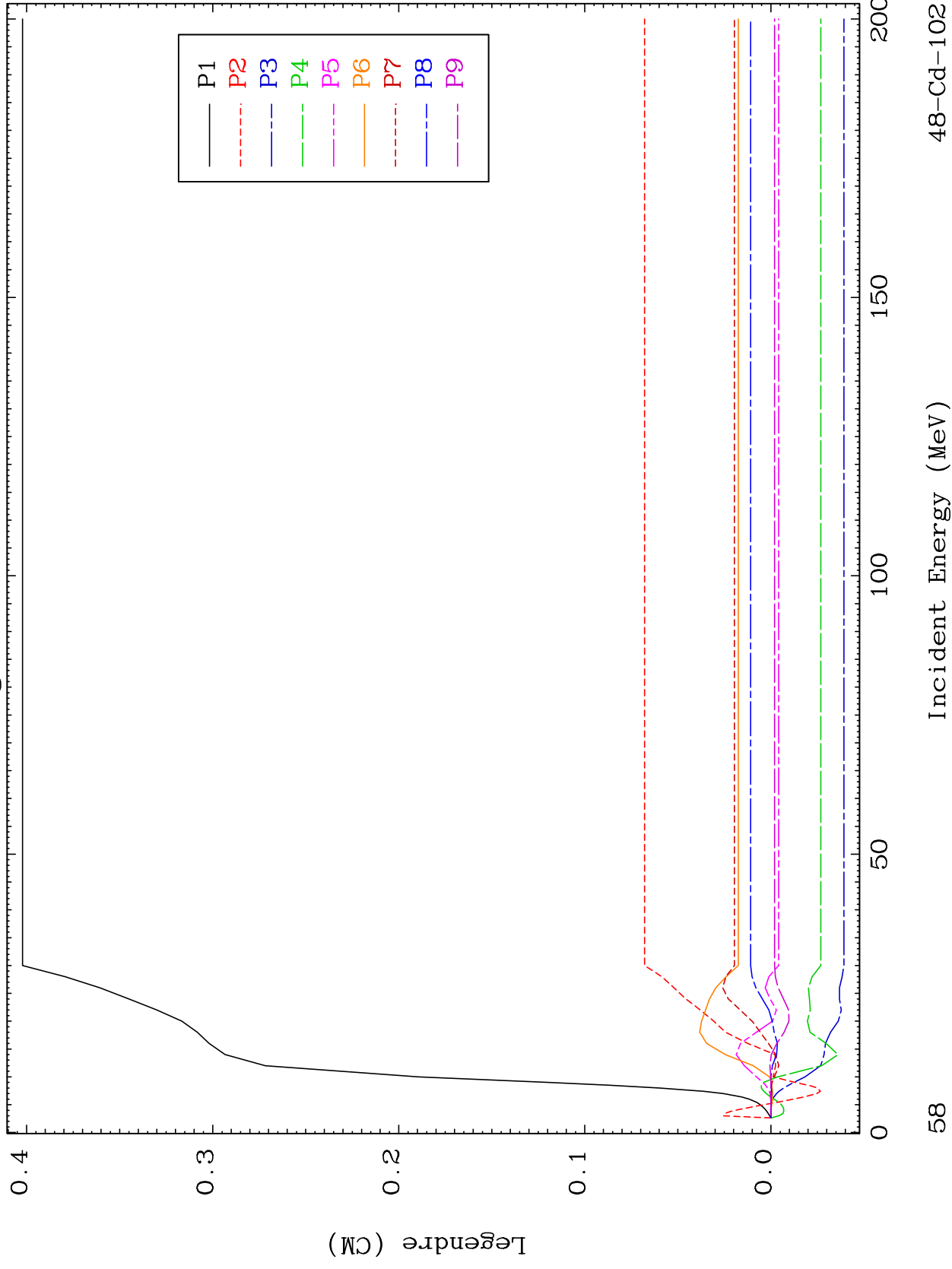




MAT 4813

2.598 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



48-Cd-102

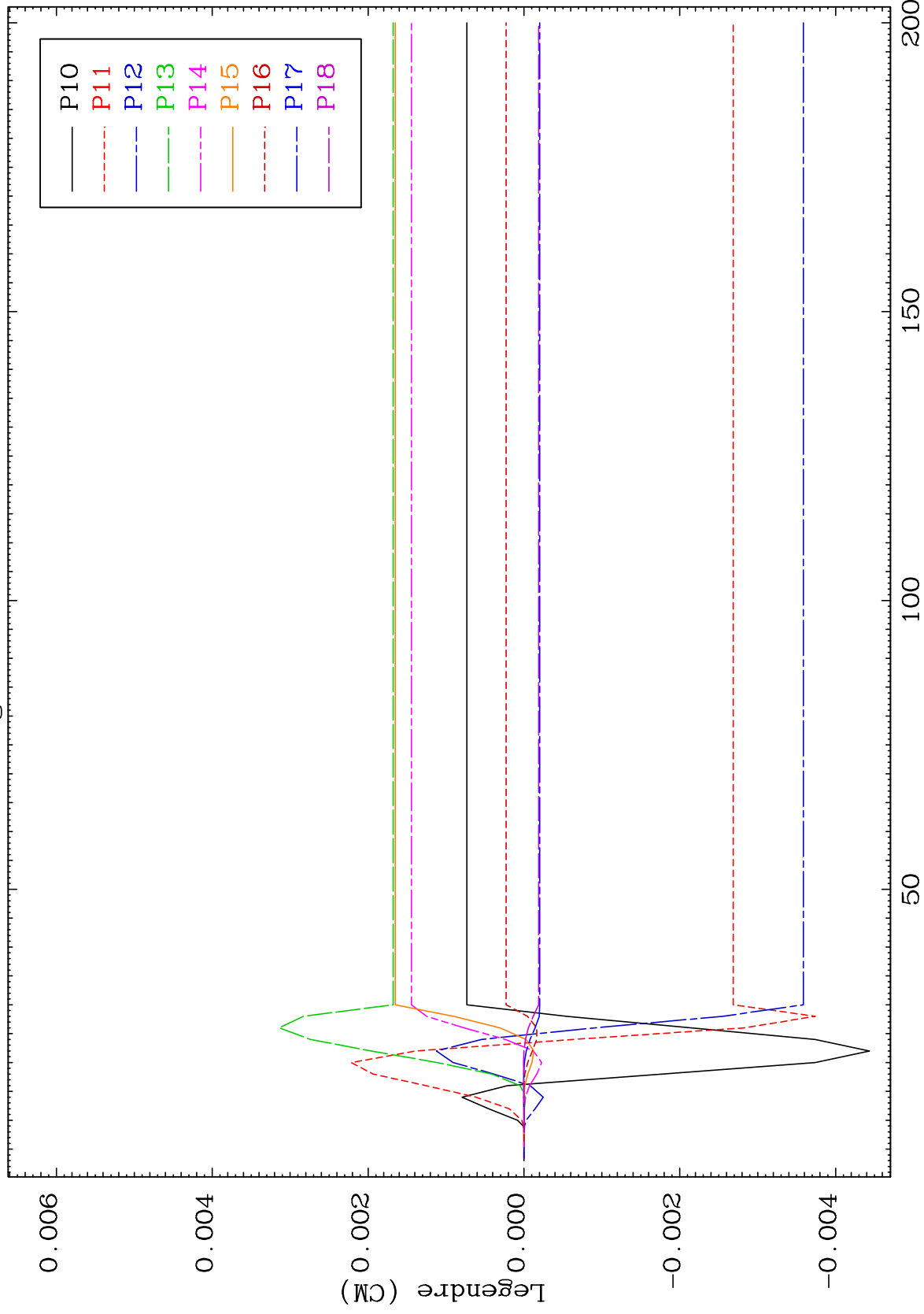
Incident Energy (MeV)

58

MAT 4813

2.598 MeV (n,n') Level
Legendre Coefficients

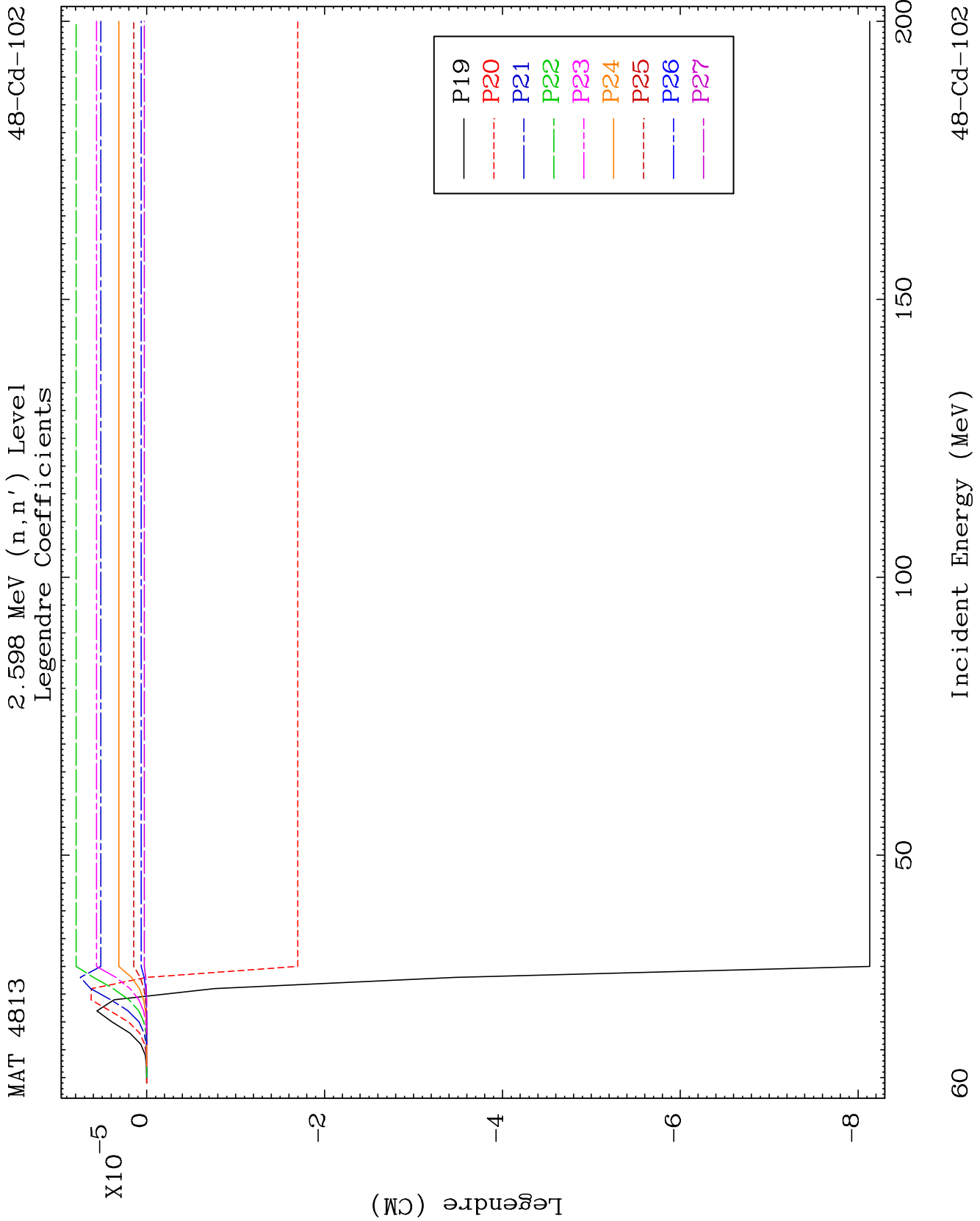
48-Cd-102



59

Incident Energy (MeV)

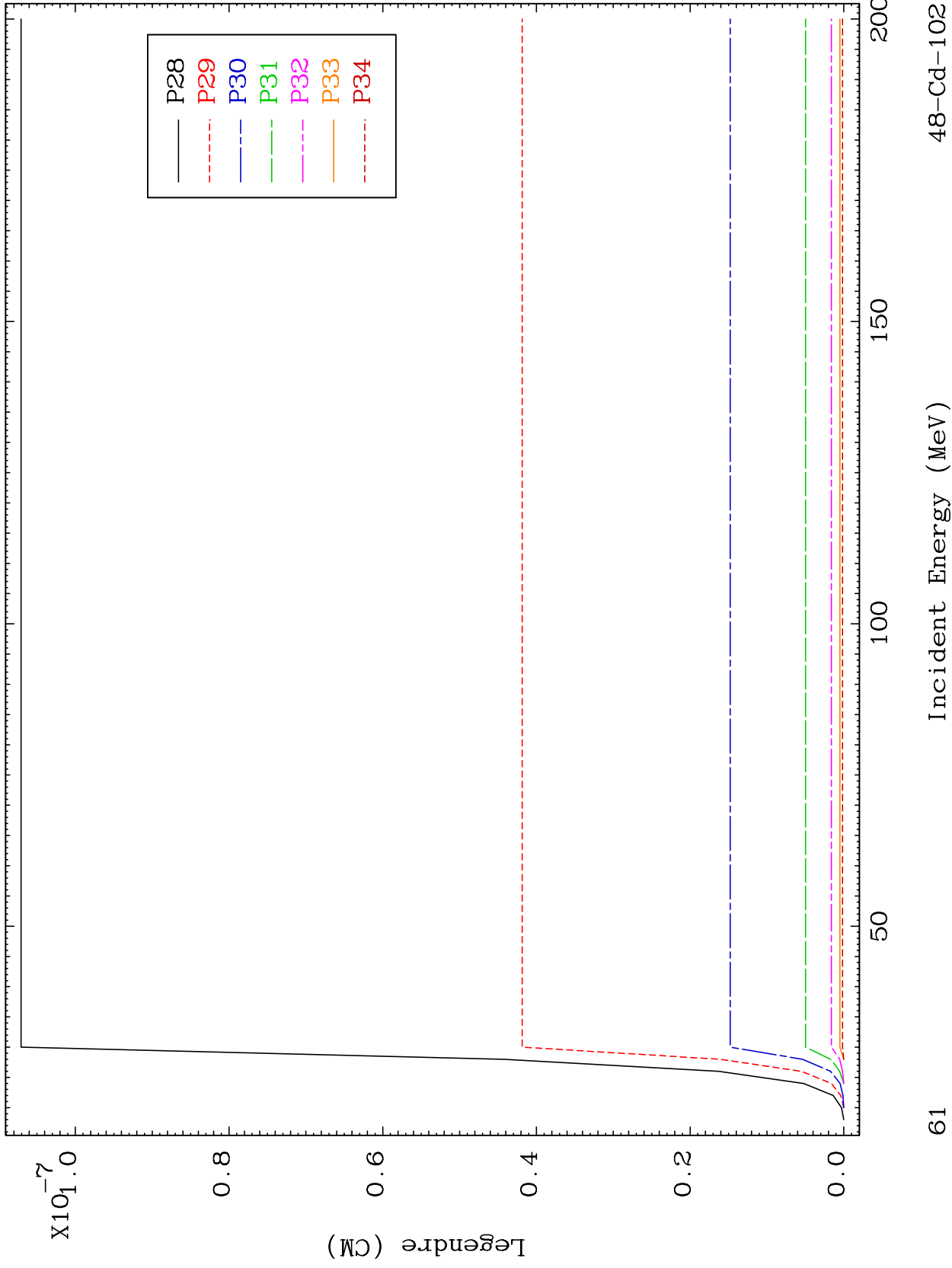
48-Cd-102



MAT 4813

2.598 MeV (n,n') Level
Legendre Coefficients

48-Cd-102

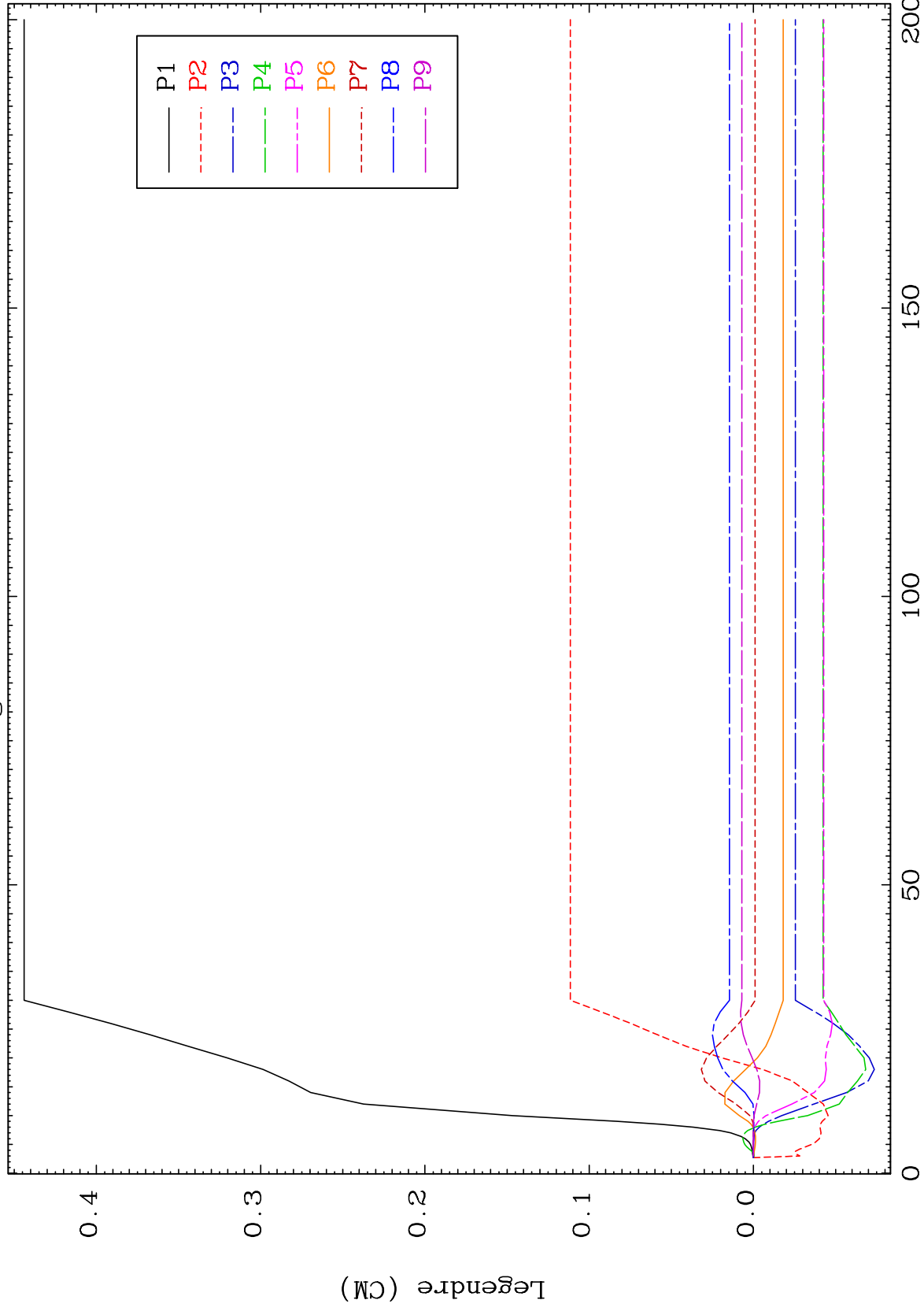


61

MAT 4813

2.675 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



62

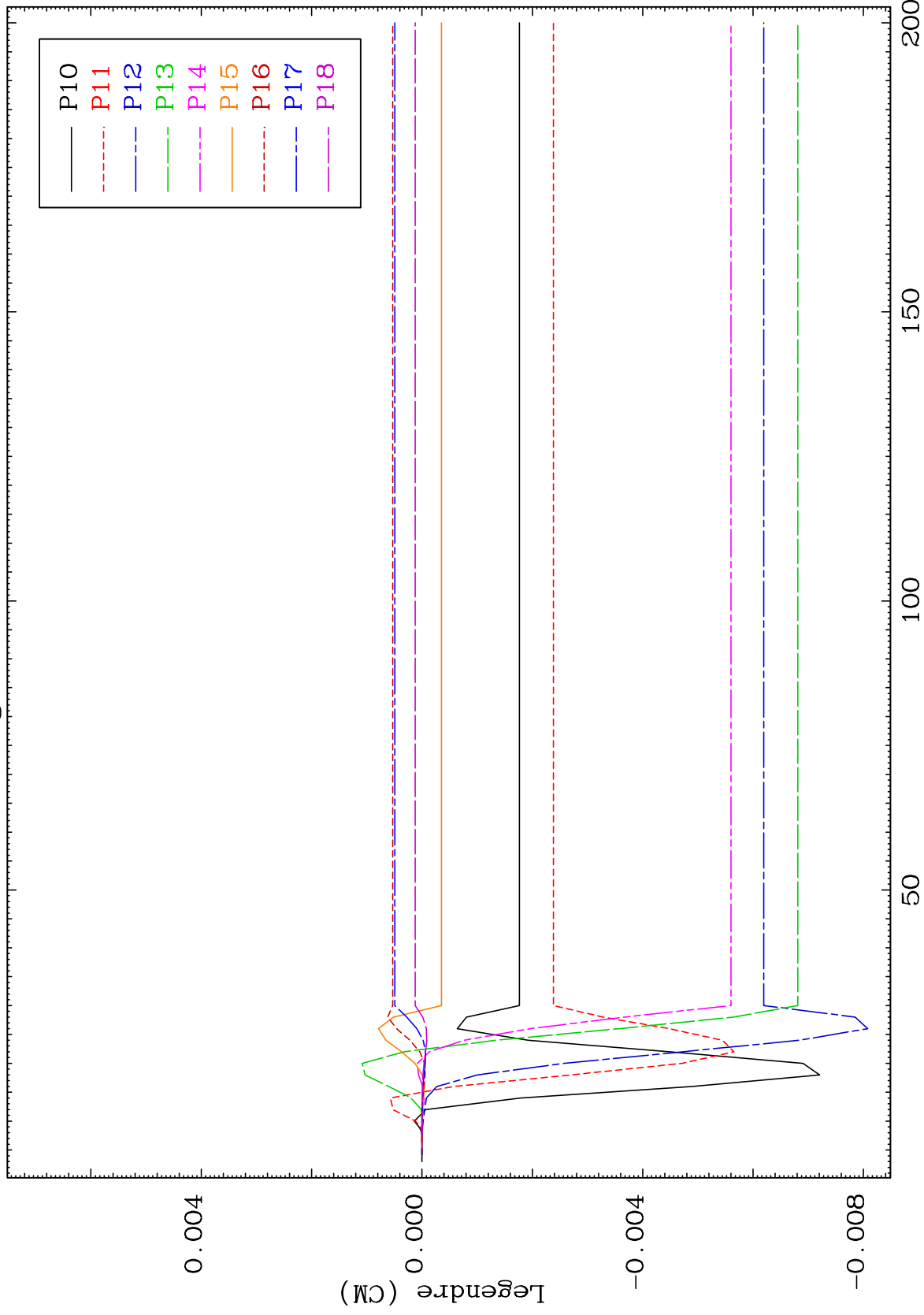
Incident Energy (MeV)

48-Cd-102

MAT 4813

2.675 MeV (n,n') Level
Legendre Coefficients

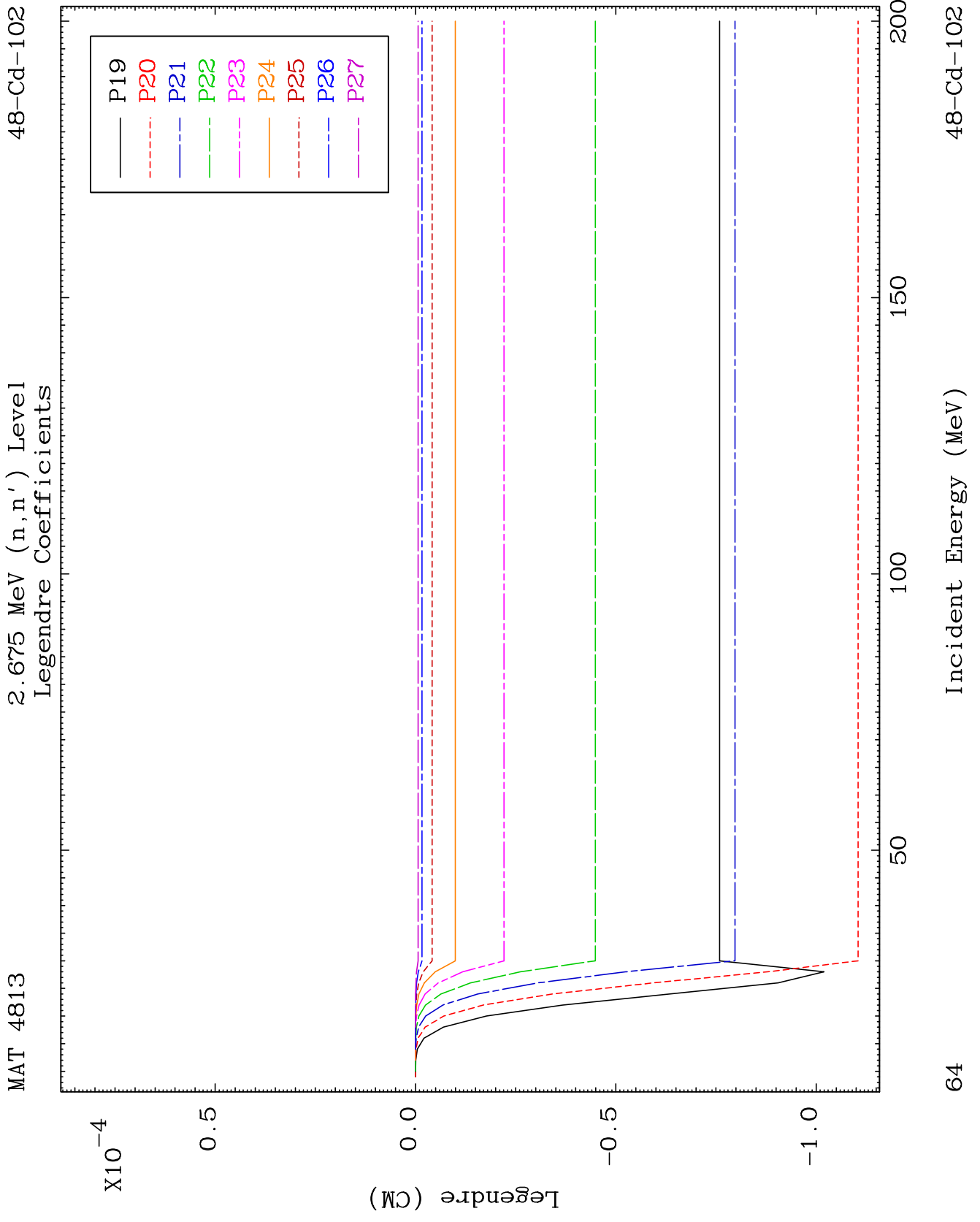
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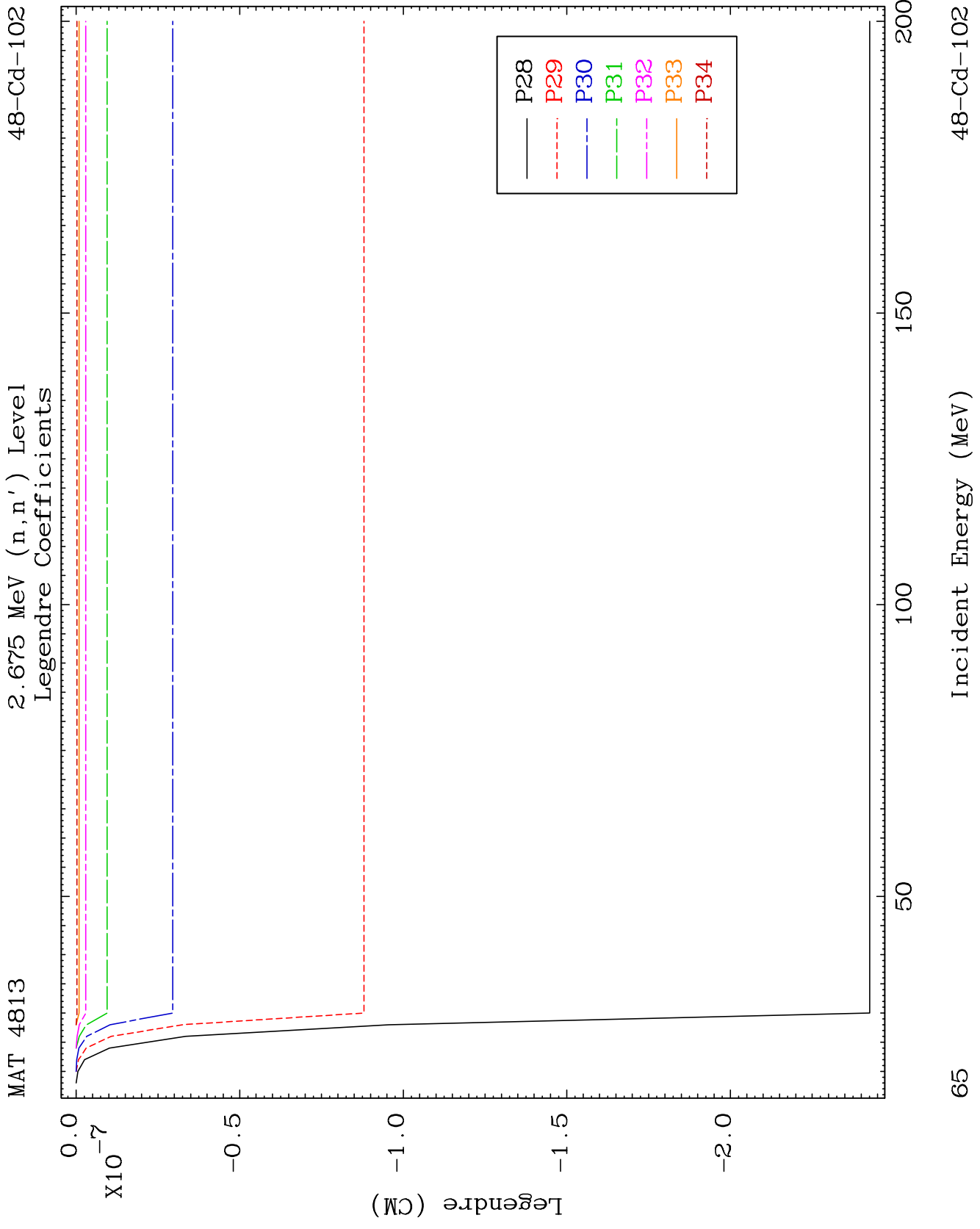


63

Incident Energy (MeV)

48-Cd-102

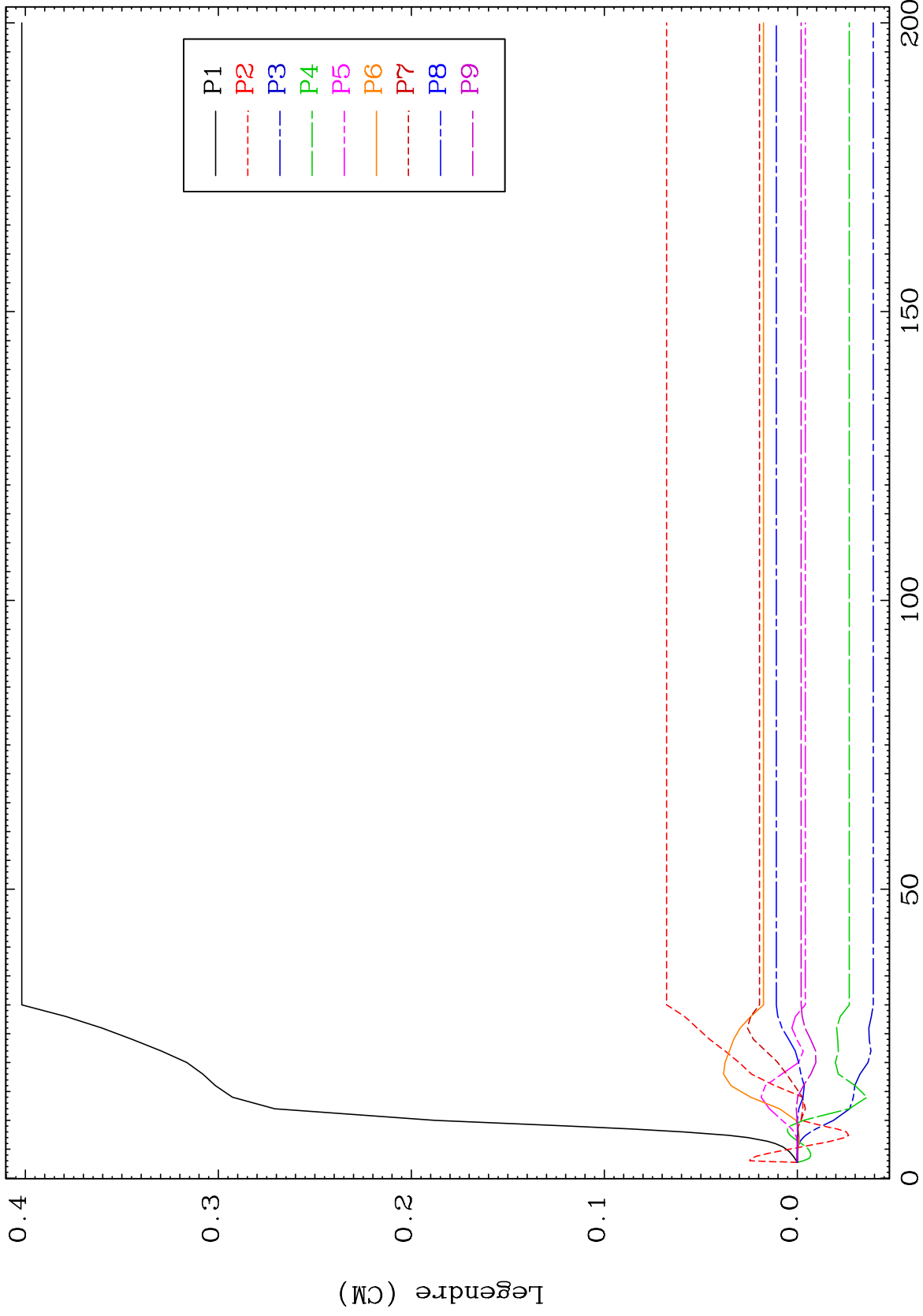




MAT 4813

2.677 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



66

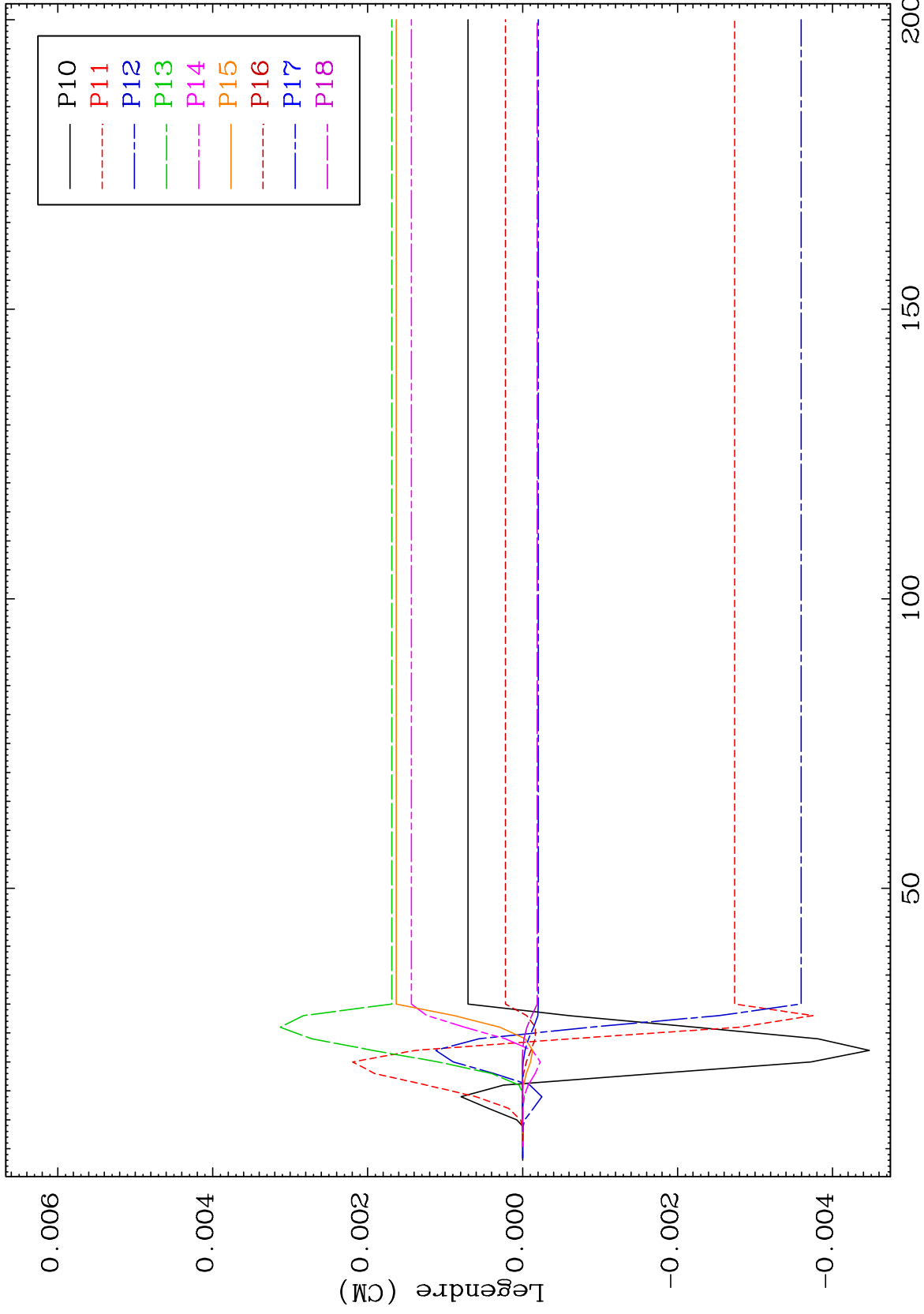
Incident Energy (MeV)

48-Cd-102

MAT 4813

2.677 MeV (n,n') Level
Legendre Coefficients

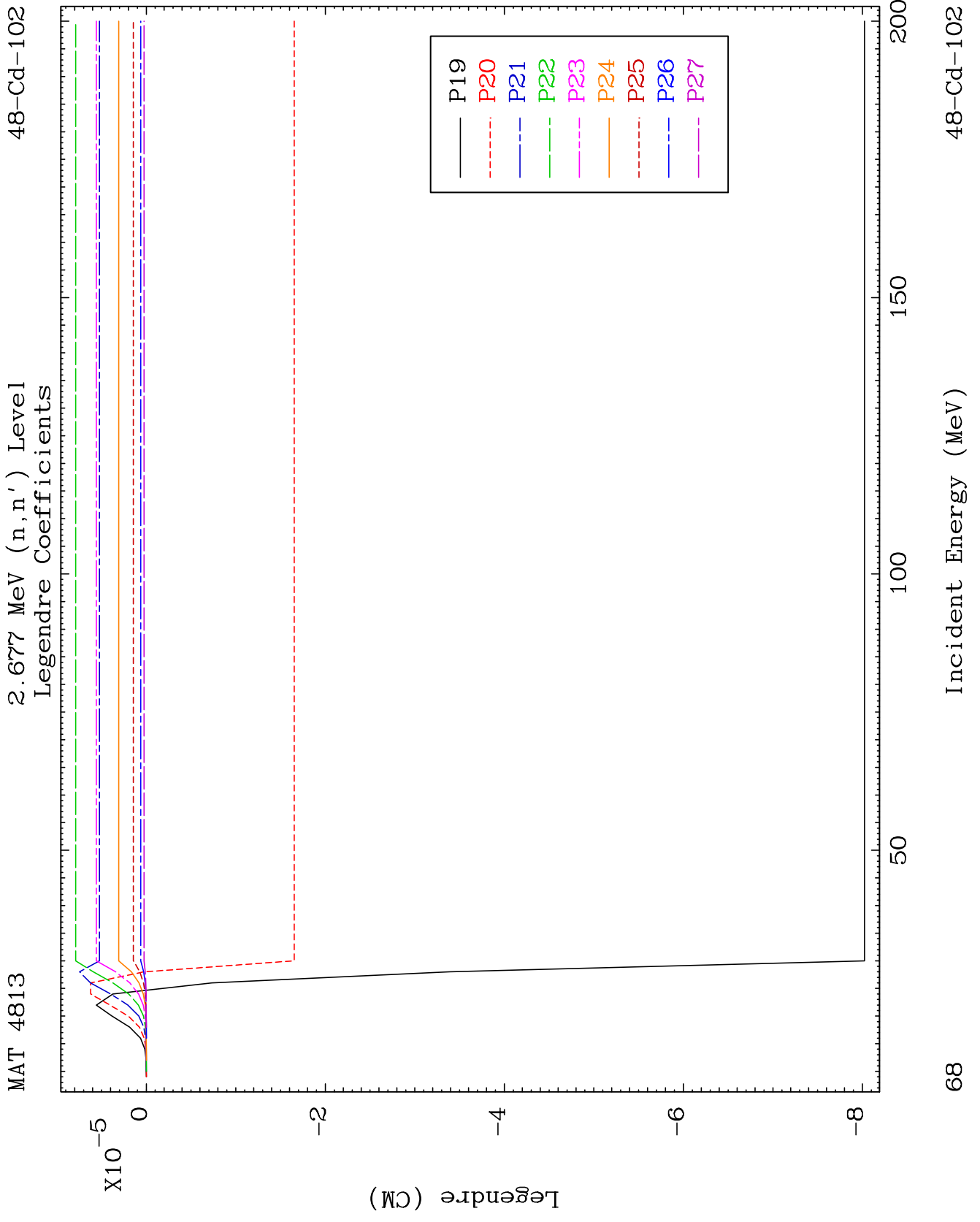
48-Cd-102



67

Incident Energy (MeV)

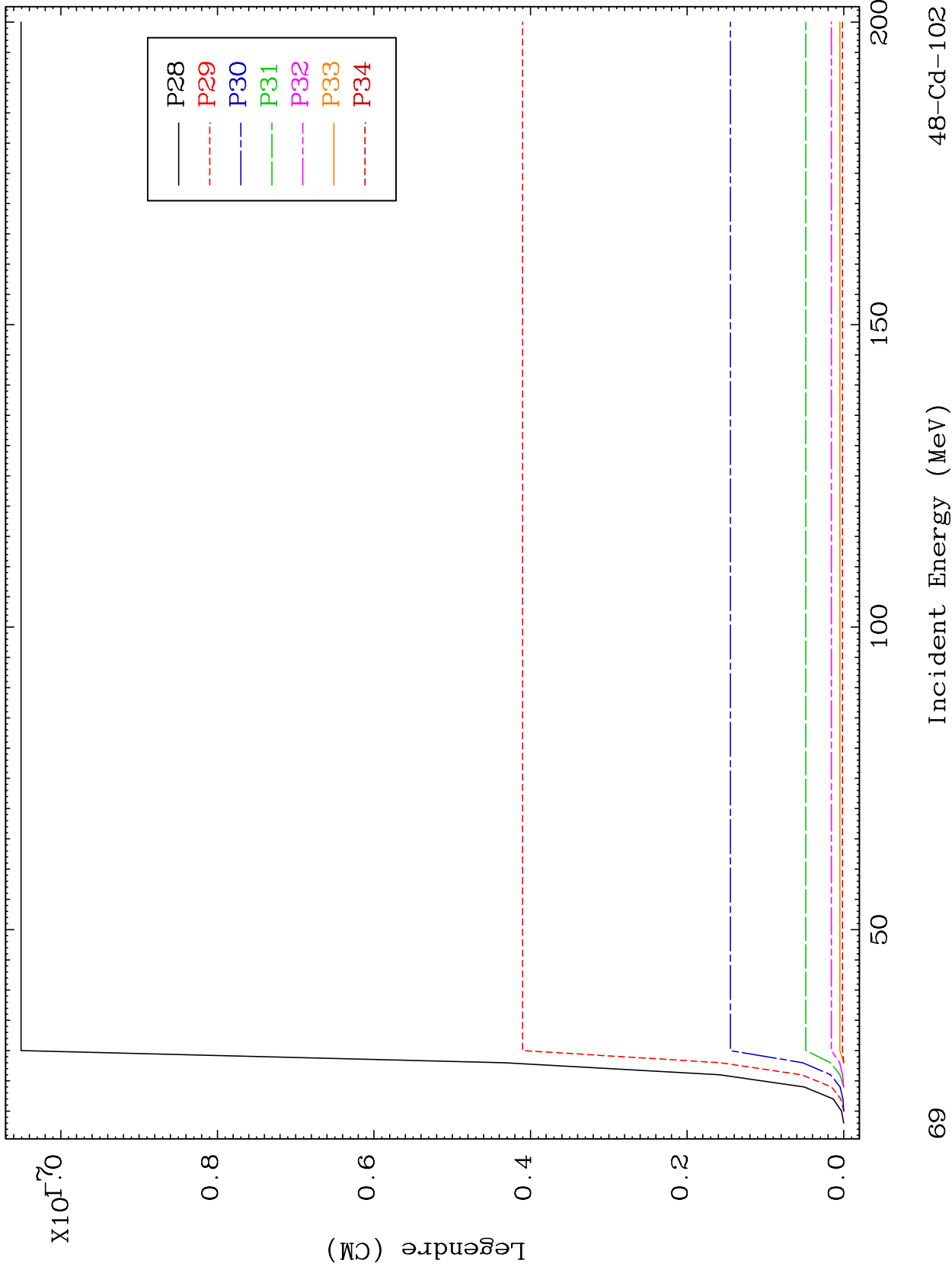
48-Cd-102



MAT 4813

2.677 MeV (n, n') Level
Legendre Coefficients

48-Cd-102



69

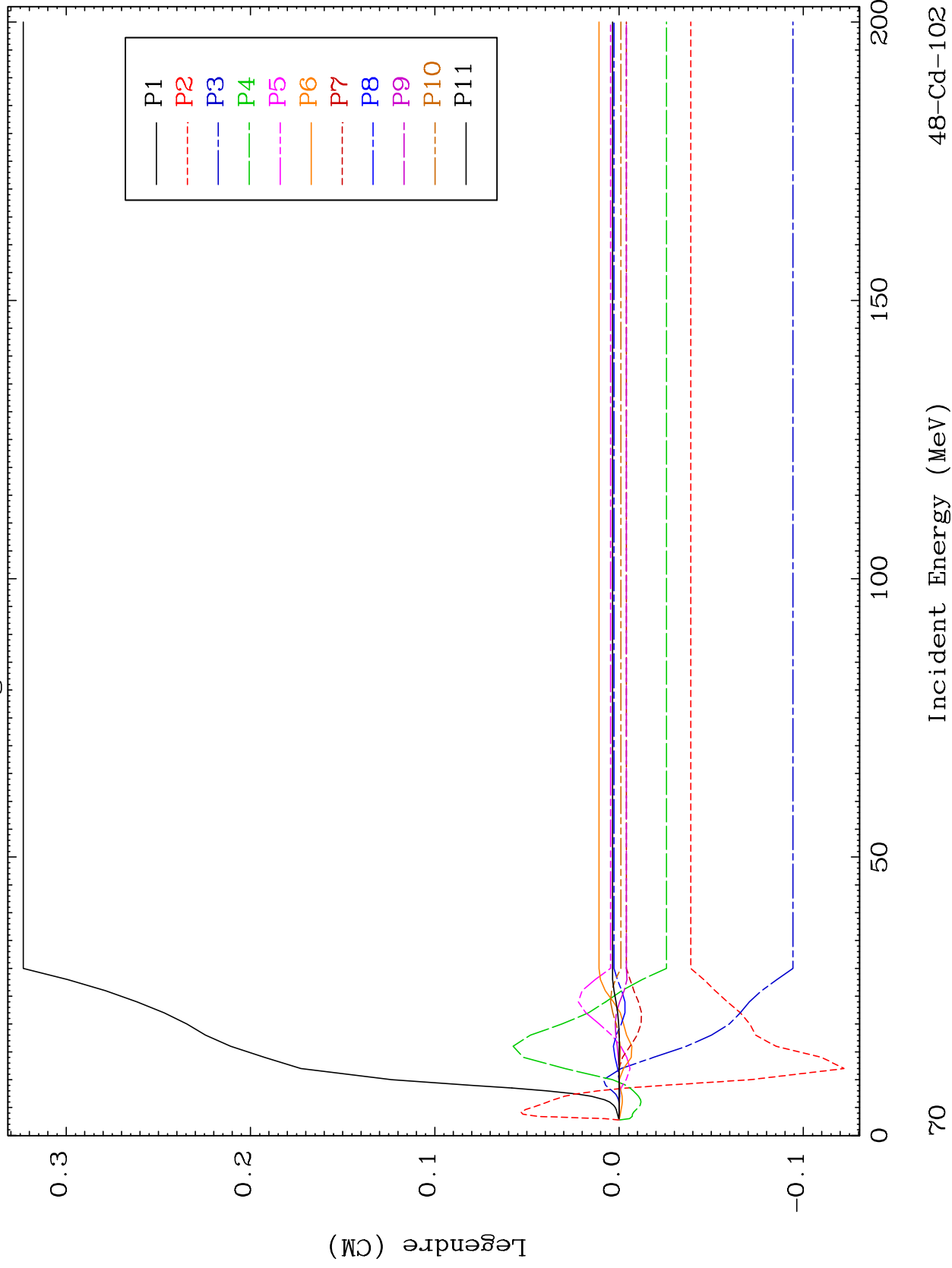
Incident Energy (MeV)

48-Cd-102

MAT 4813

2.719 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



48-Cd-102

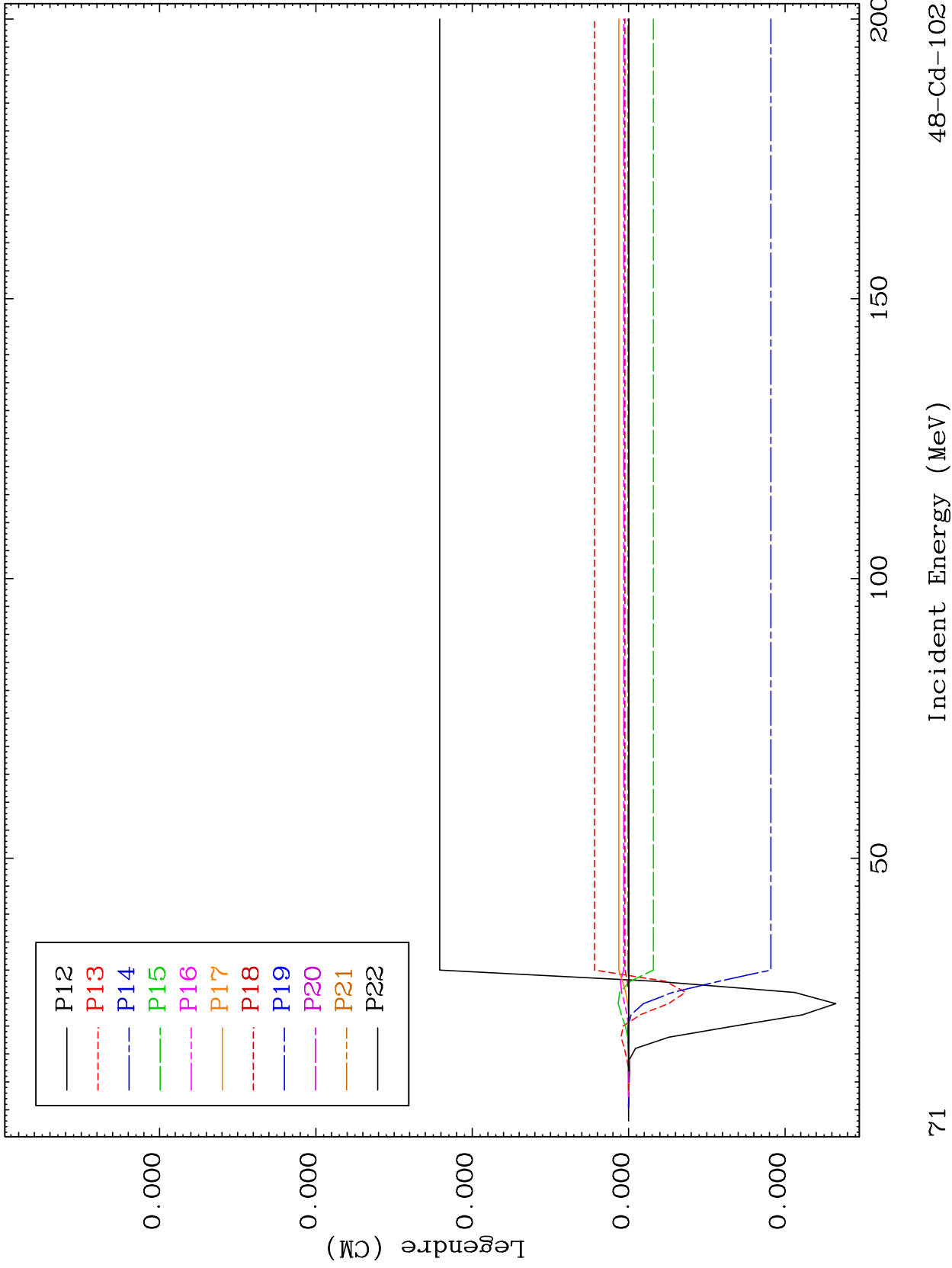
Incident Energy (MeV)

70

MAT 4813

2.719 MeV (n,n') Level
Legendre Coefficients

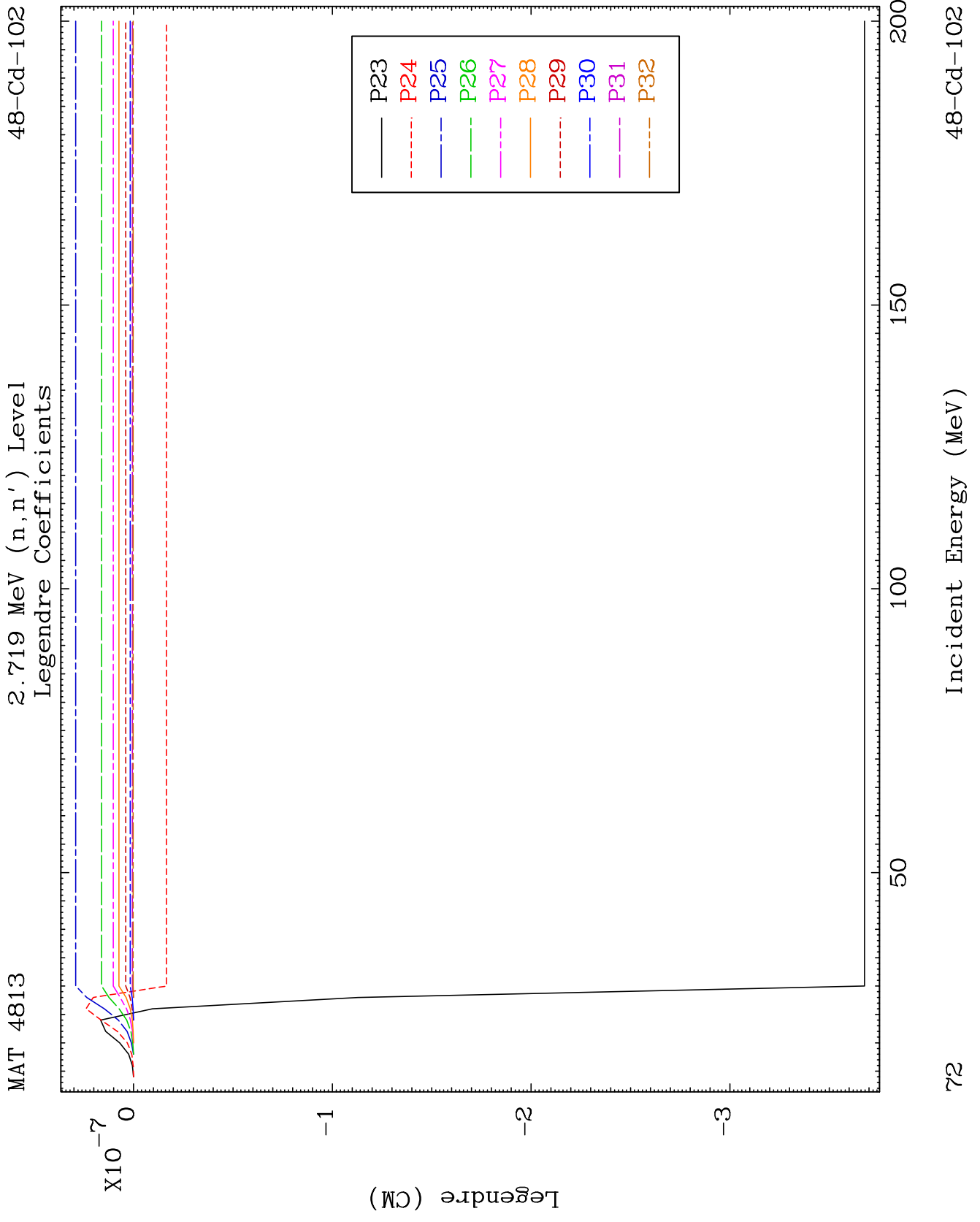
48-Cd-102



71

Incident Energy (MeV)

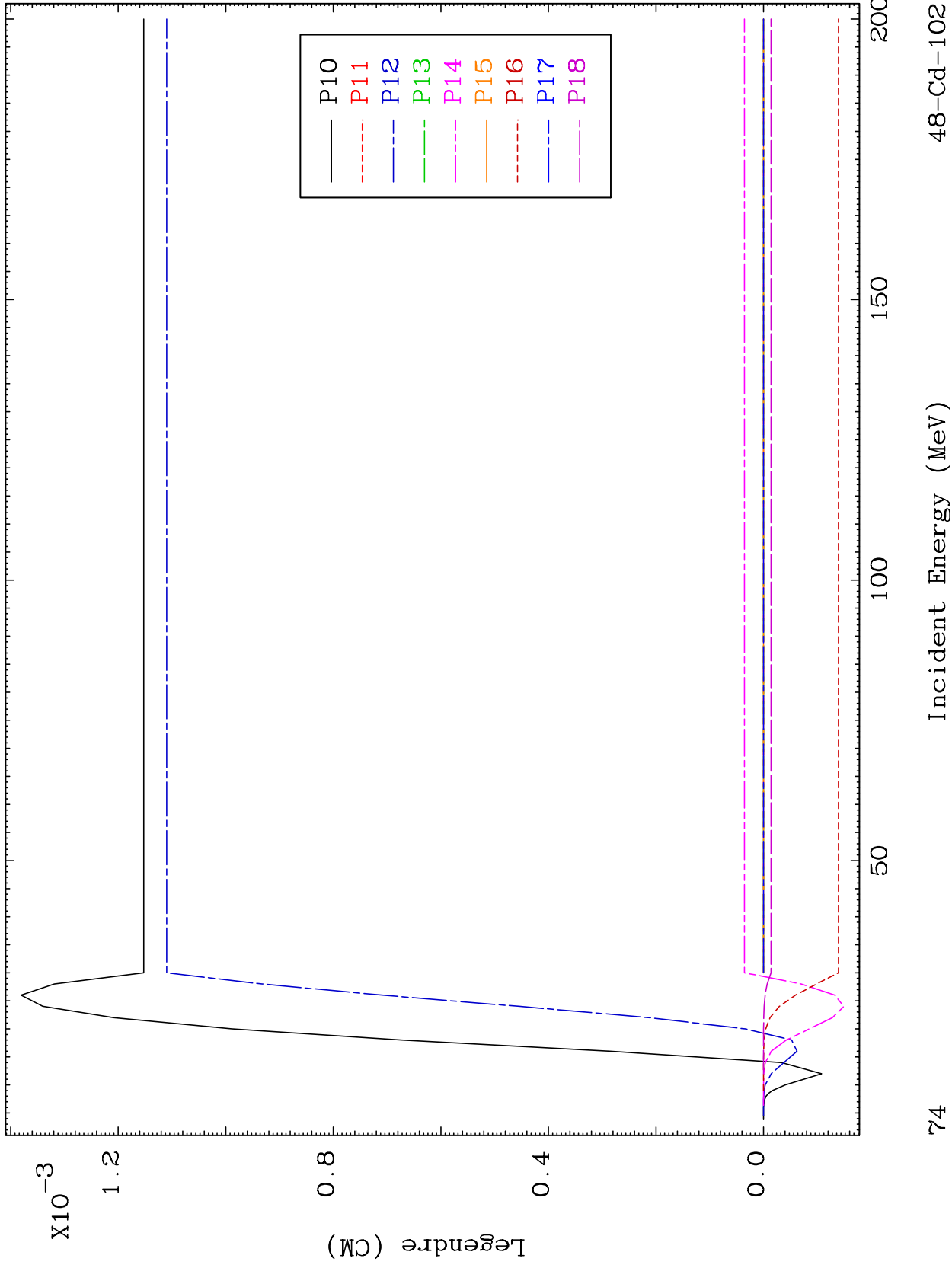
48-Cd-102



MAT 4813

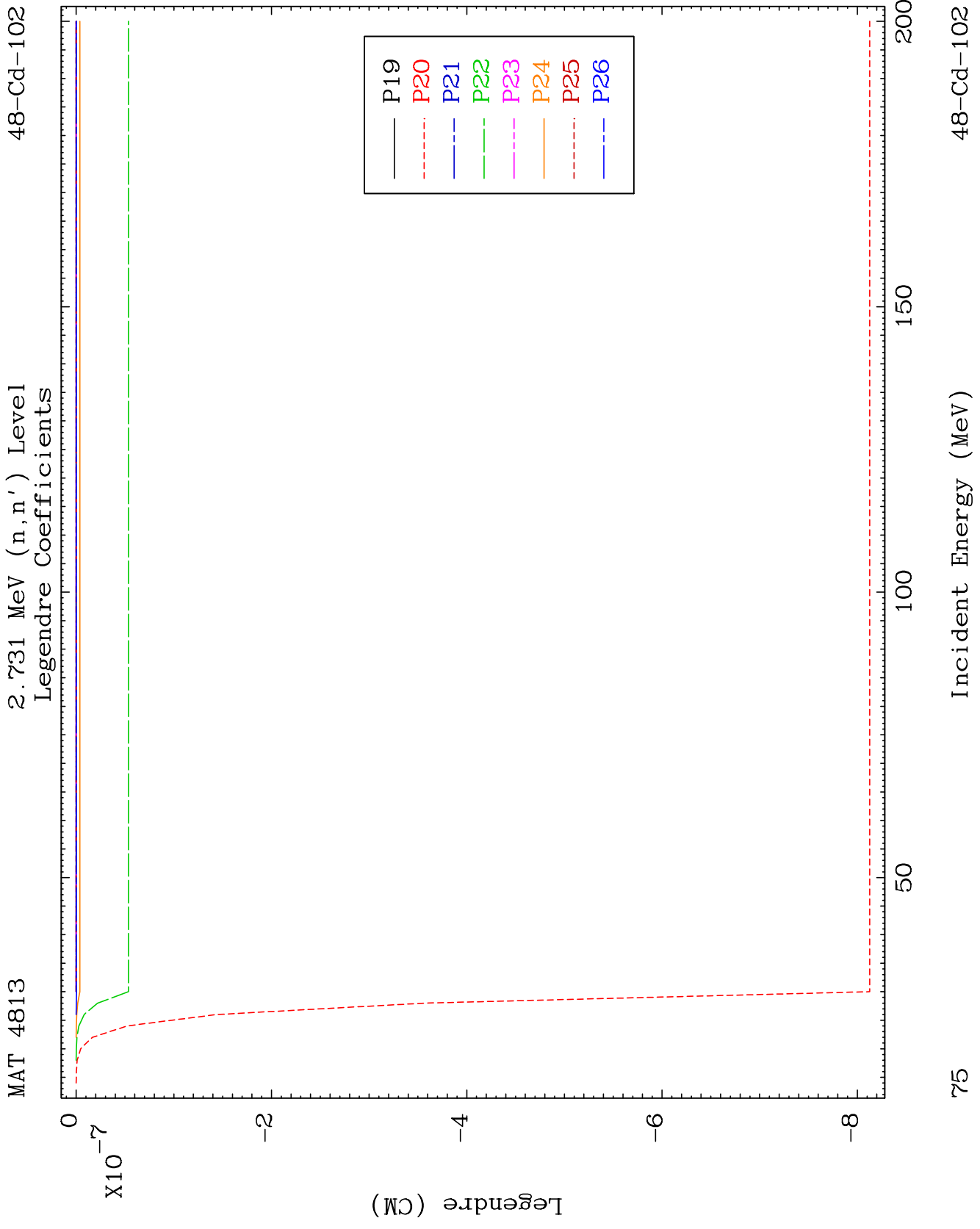
2.731 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



74

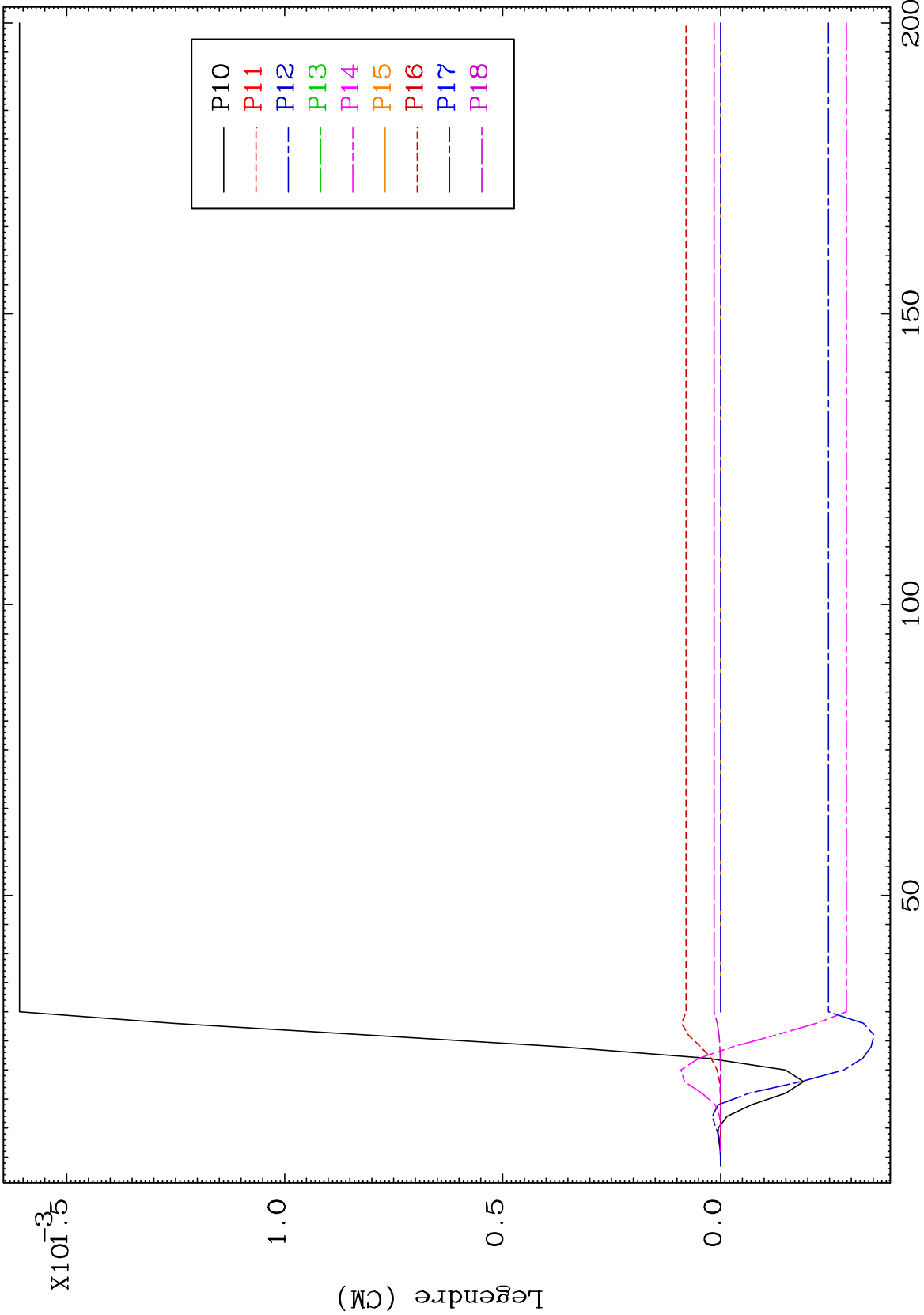
48-Cd-102



MAT 4813

2.828 MeV (n,n') Level
Legendre Coefficients

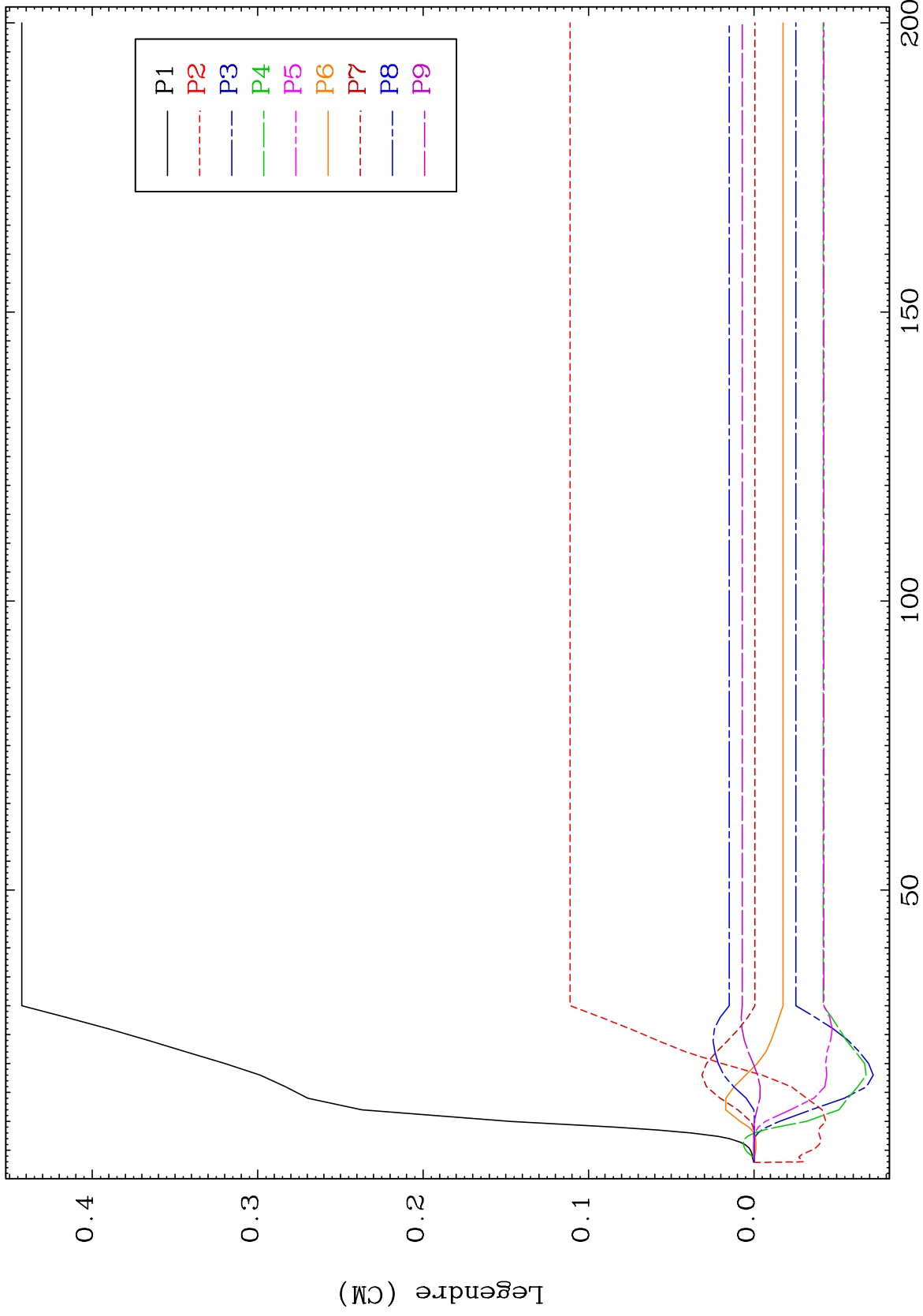
48-Cd-102



MAT 4813

2.856 MeV (n,n') Level
Legendre Coefficients

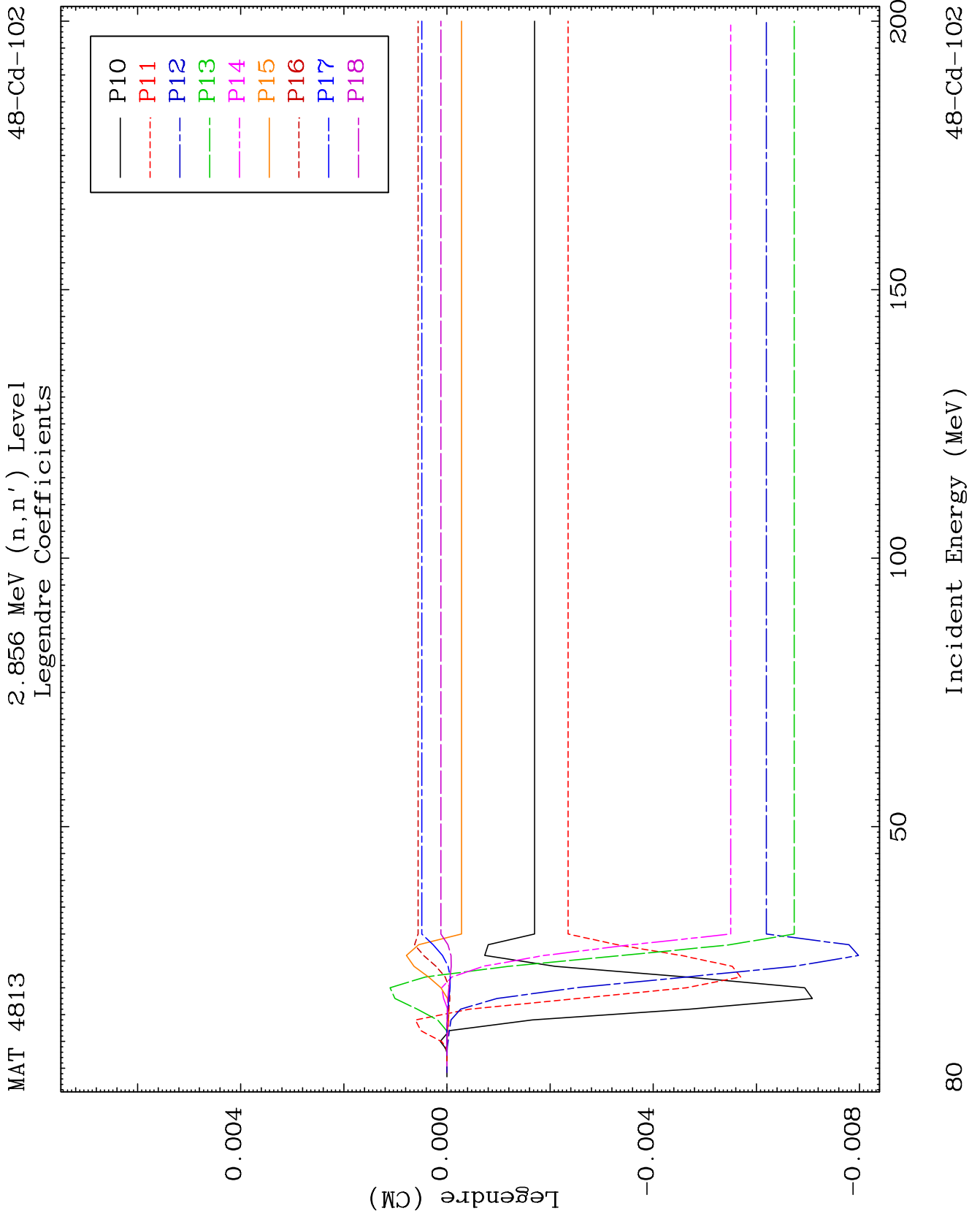
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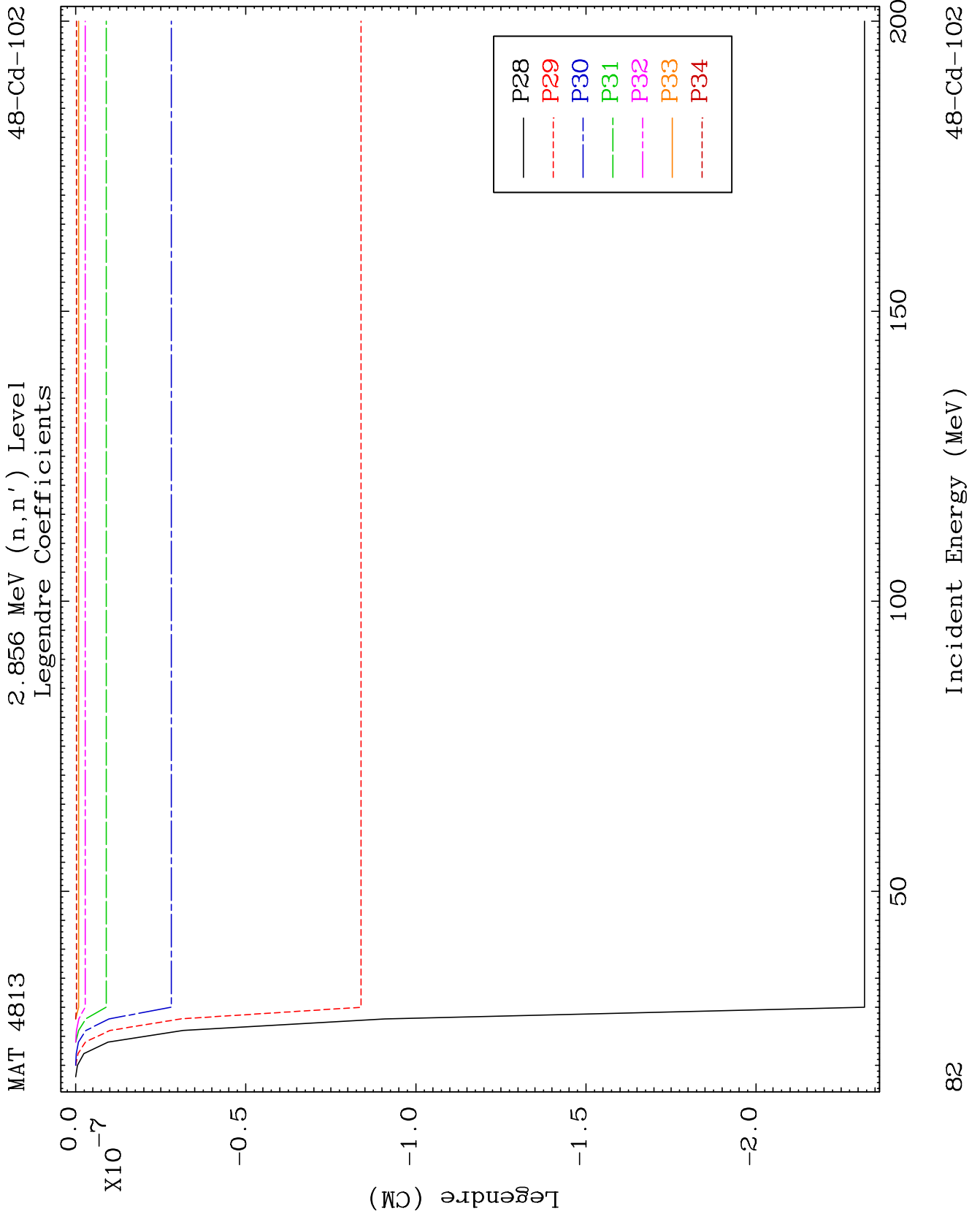


79

Incident Energy (MeV)

48-Cd-102

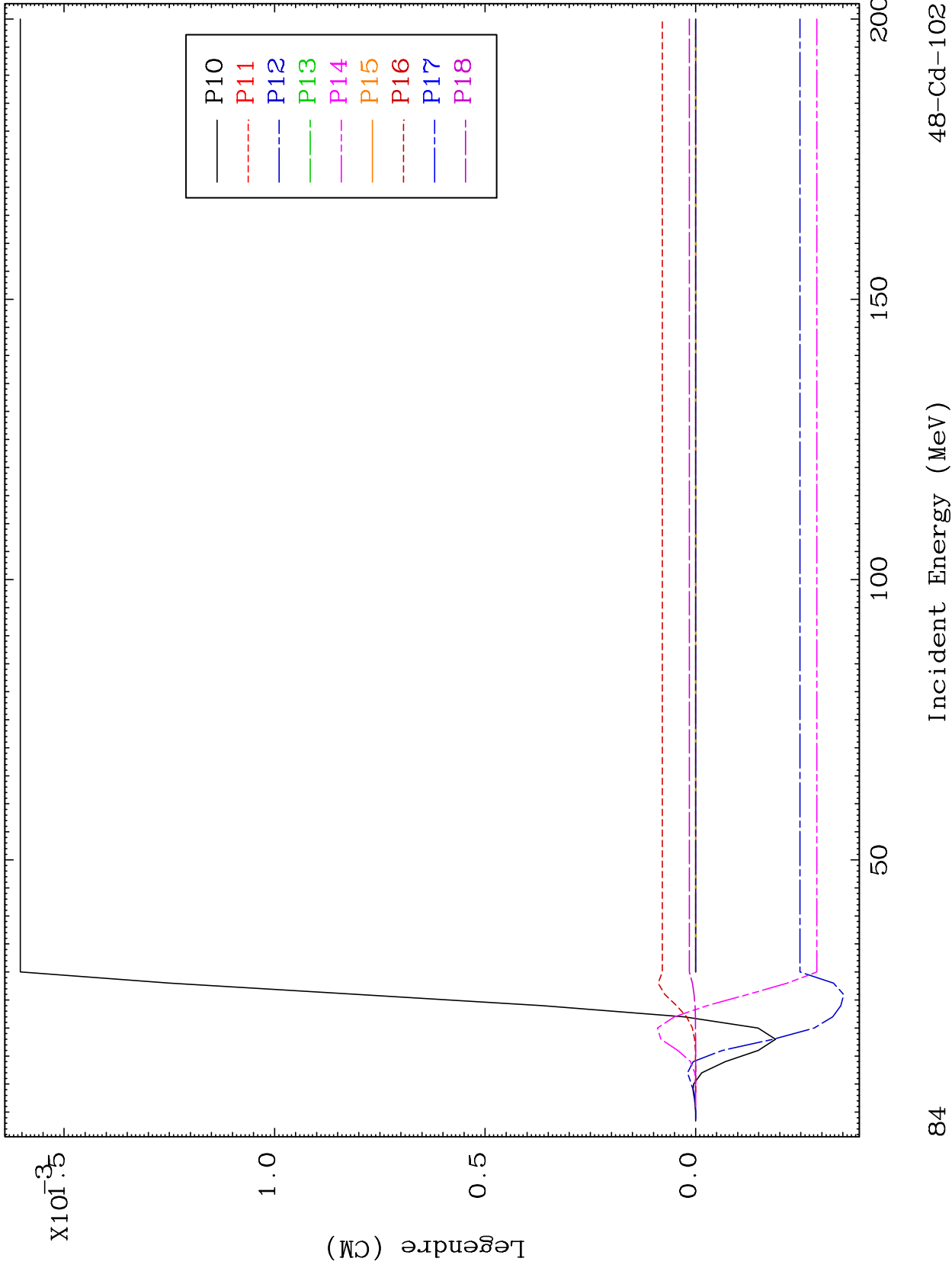




MAT 4813

2.868 MeV (n,n') Level
Legendre Coefficients

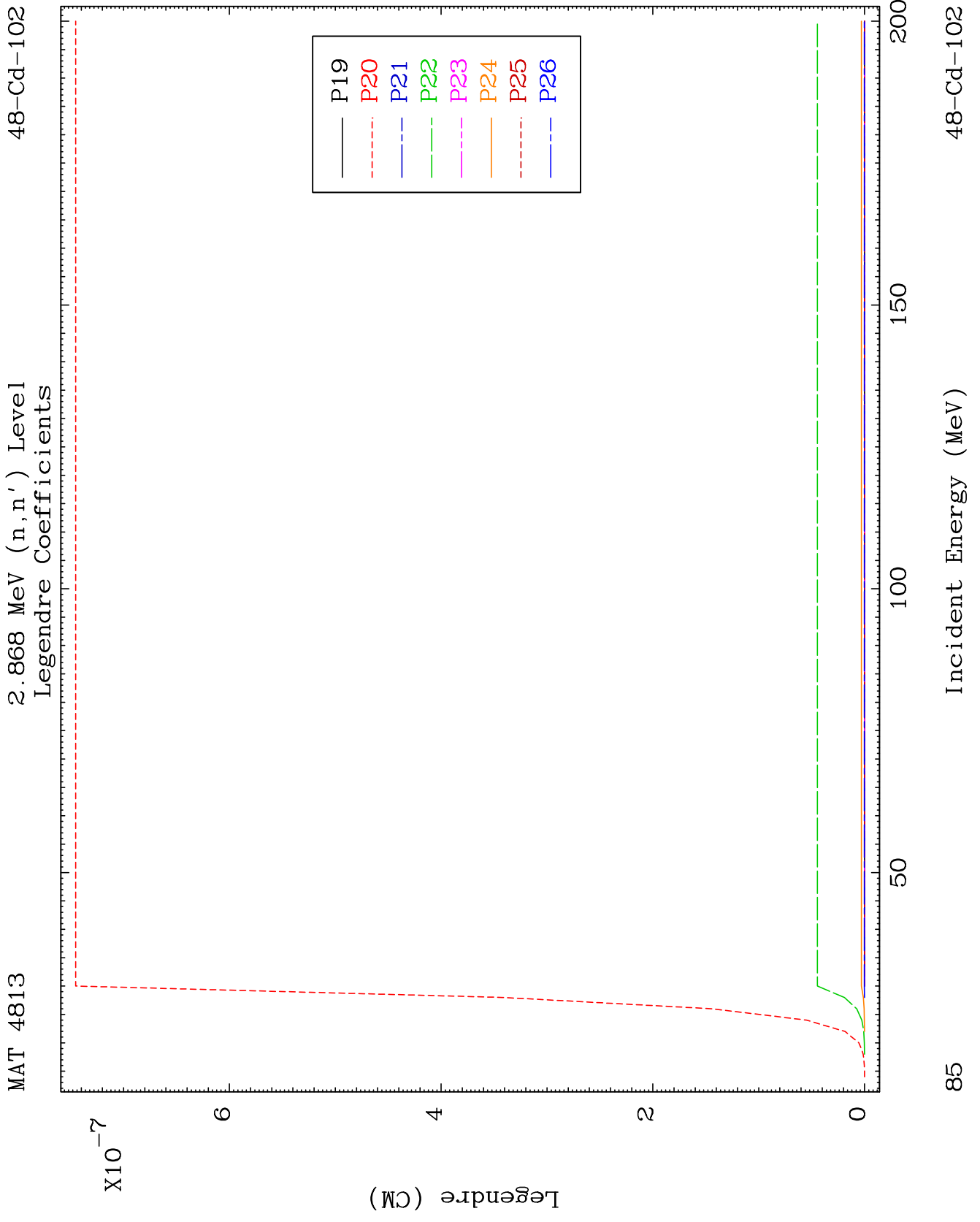
48-Cd-102



84

Incident Energy (MeV)

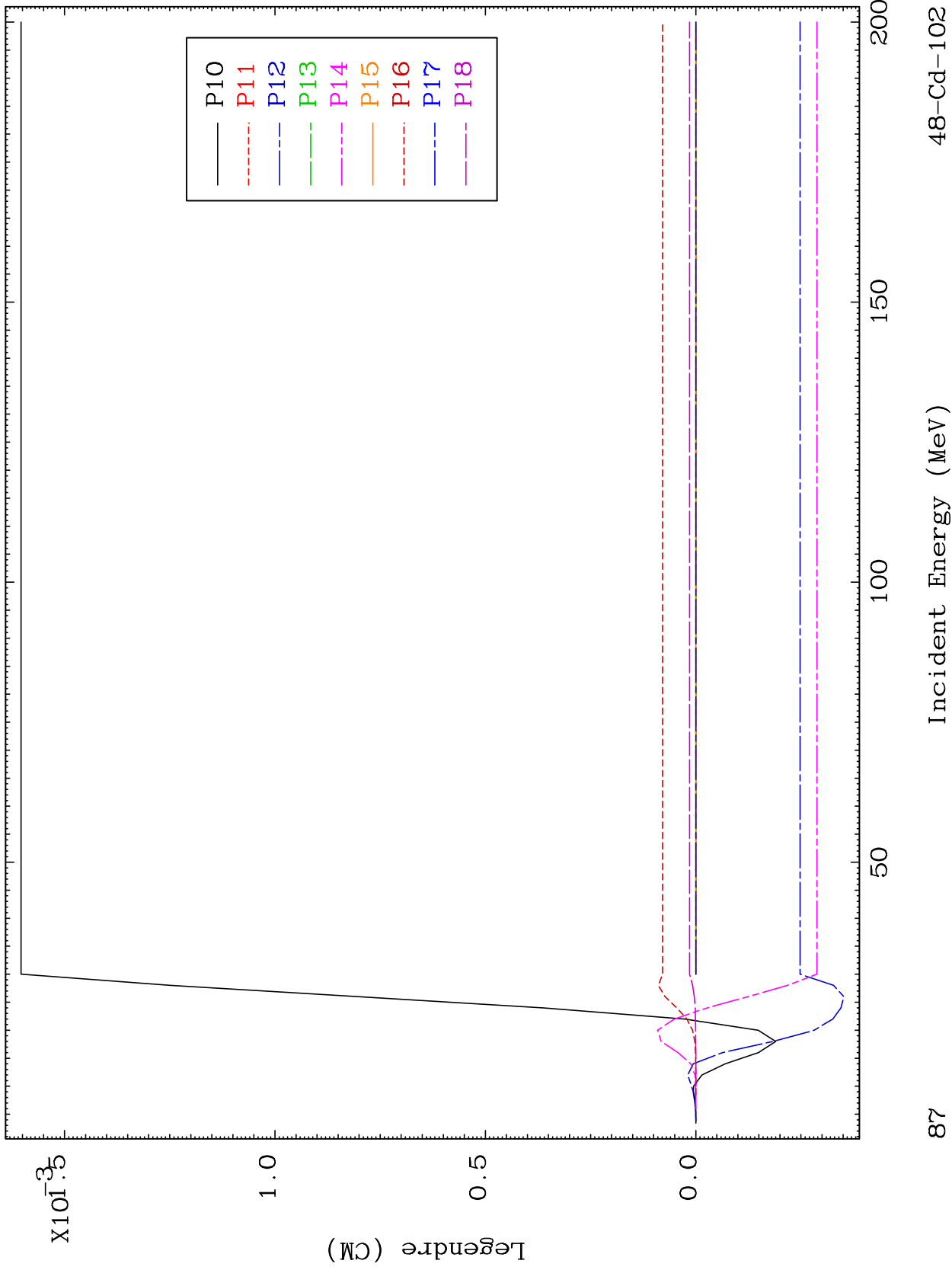
48-Cd-102



MAT 4813

2.874 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



87

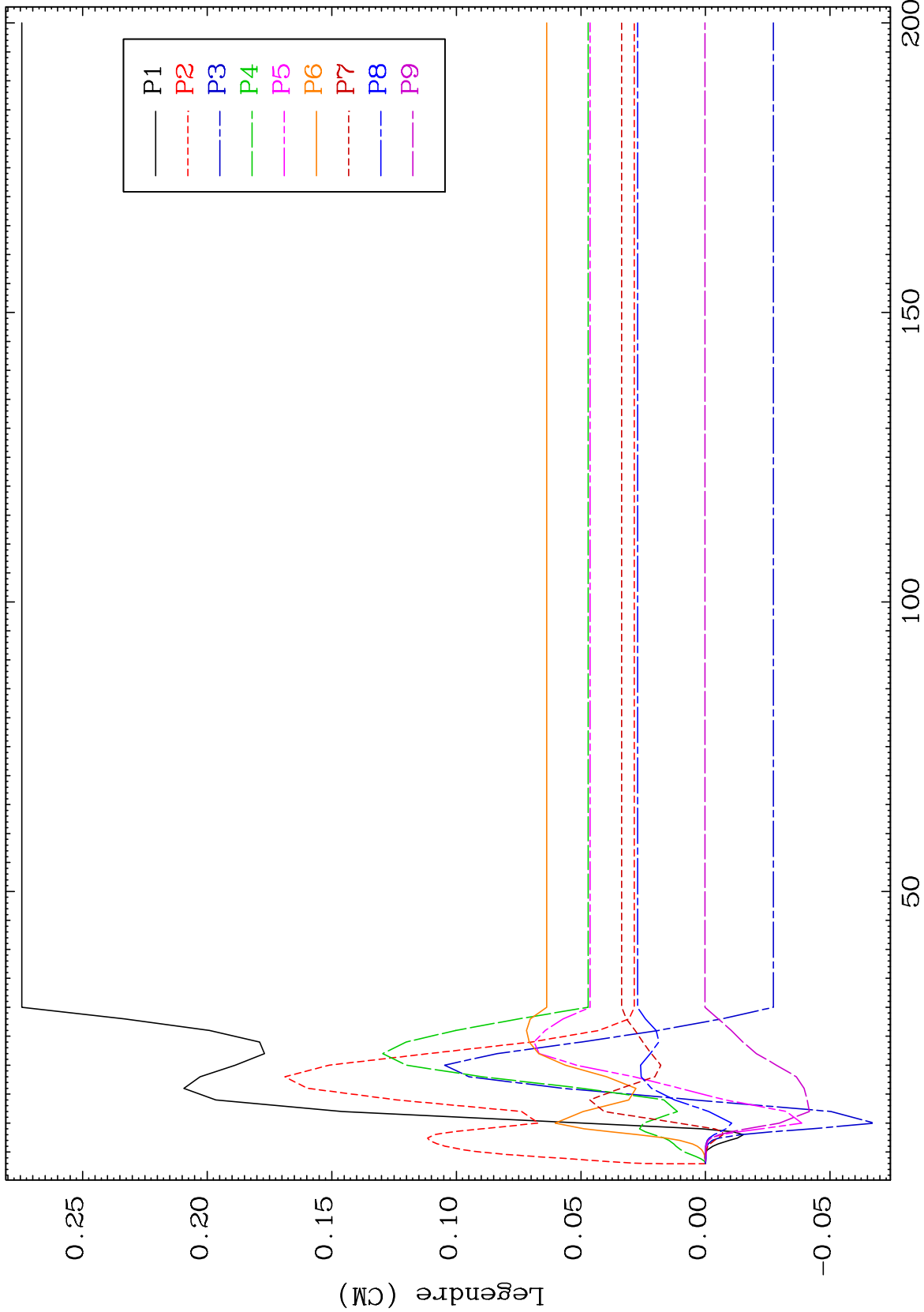
Incident Energy (MeV)

48-Cd-102

MAT 4813

2.931 MeV (n,n') Level
Legendre Coefficients

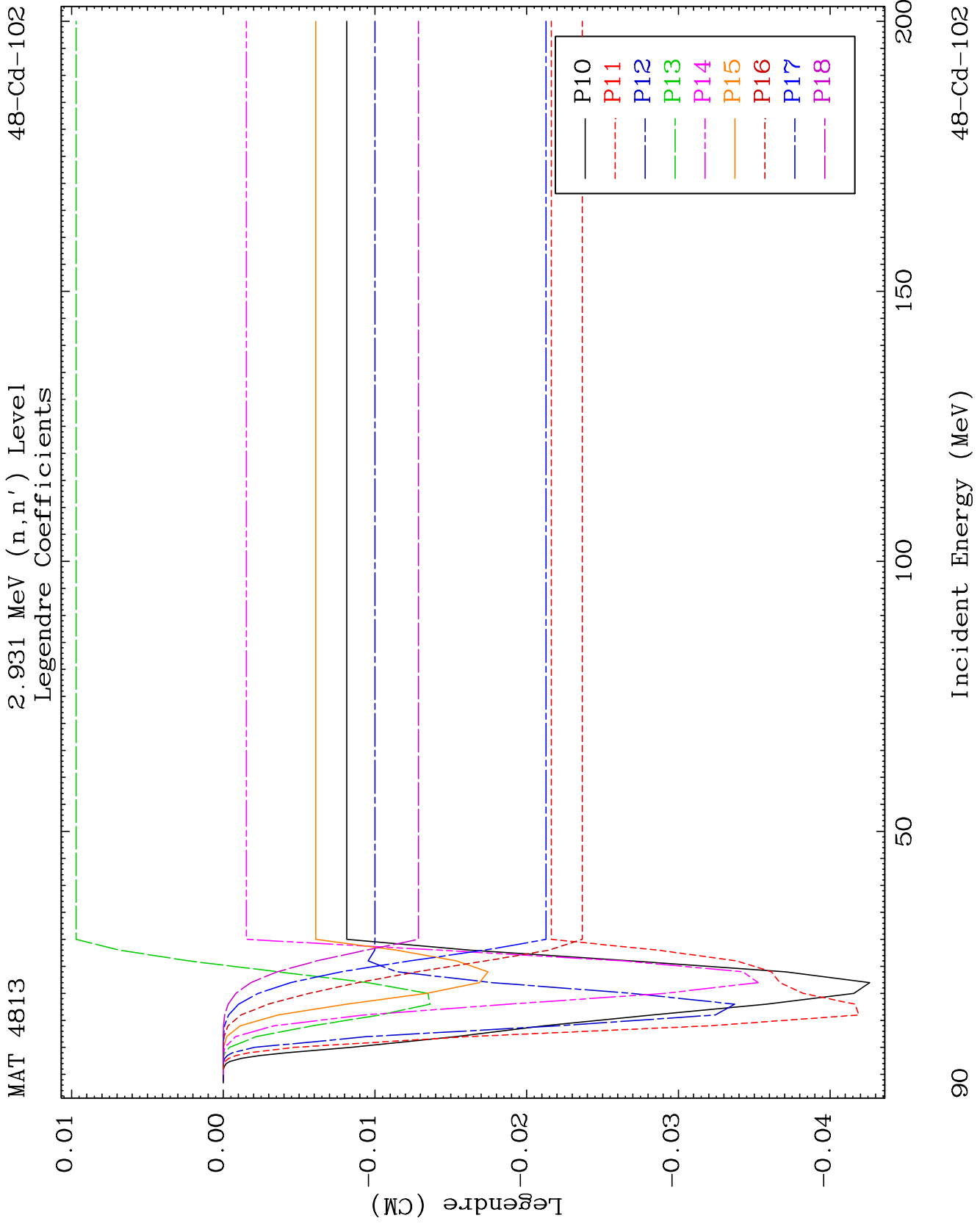
48-Cd-102

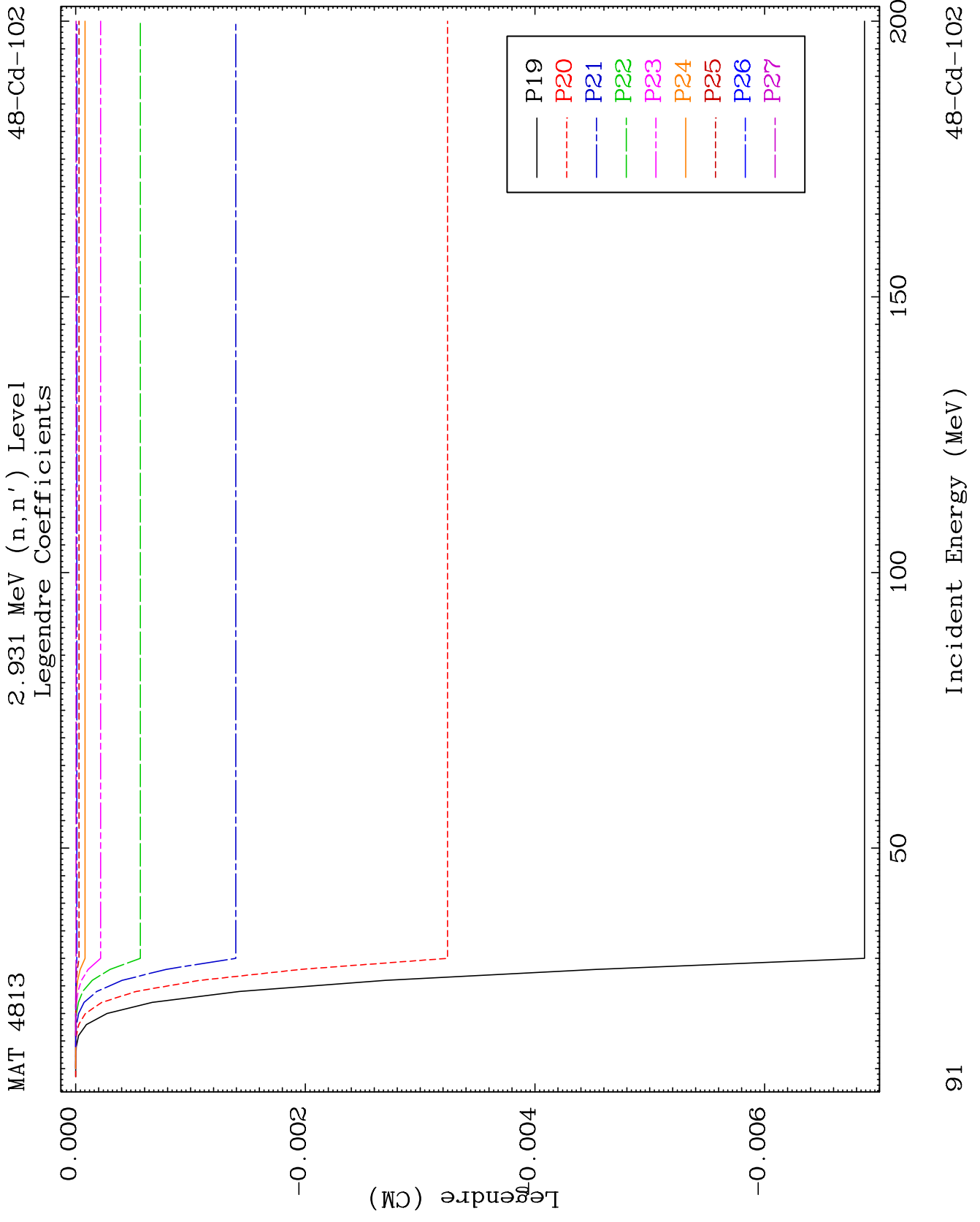


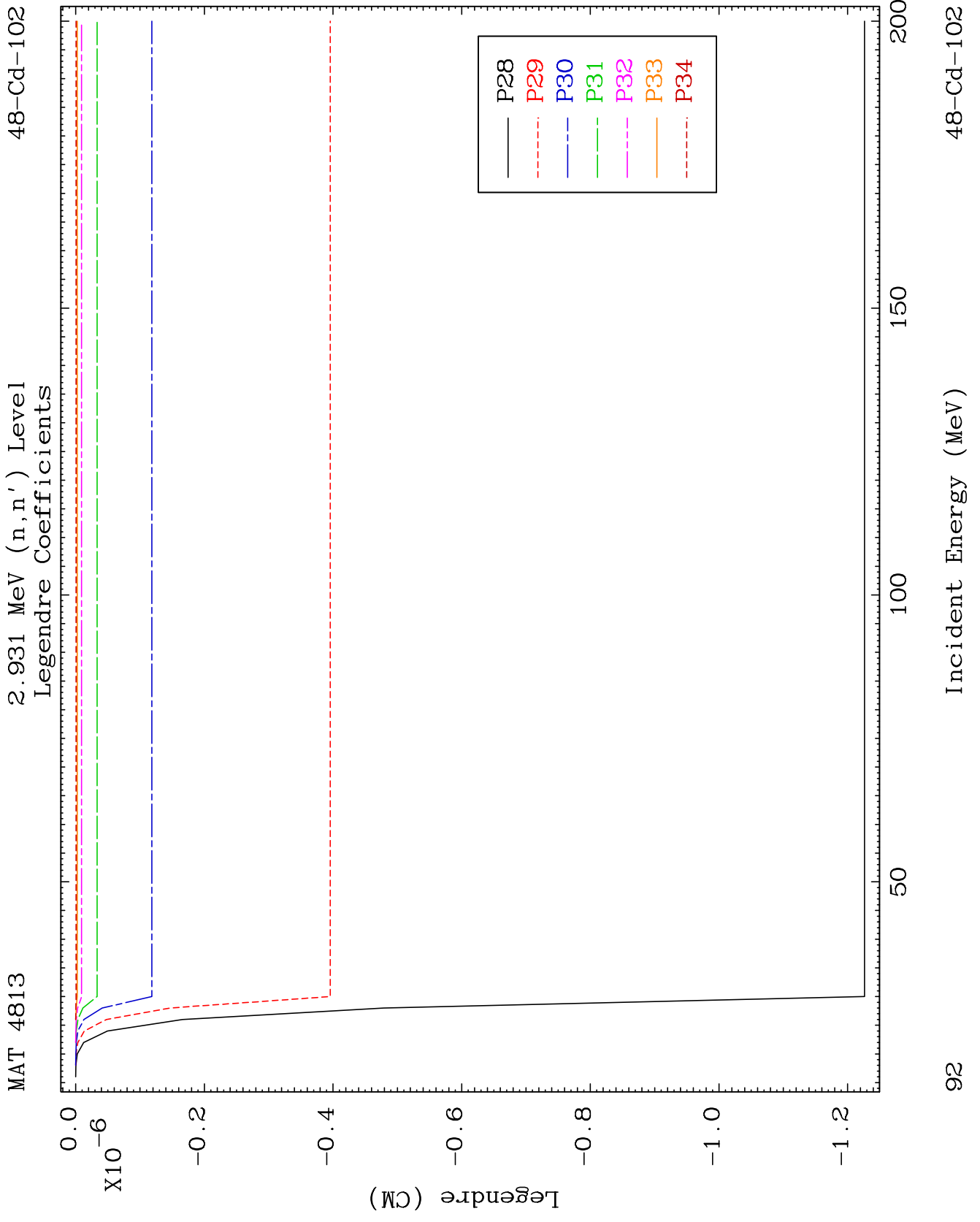
89

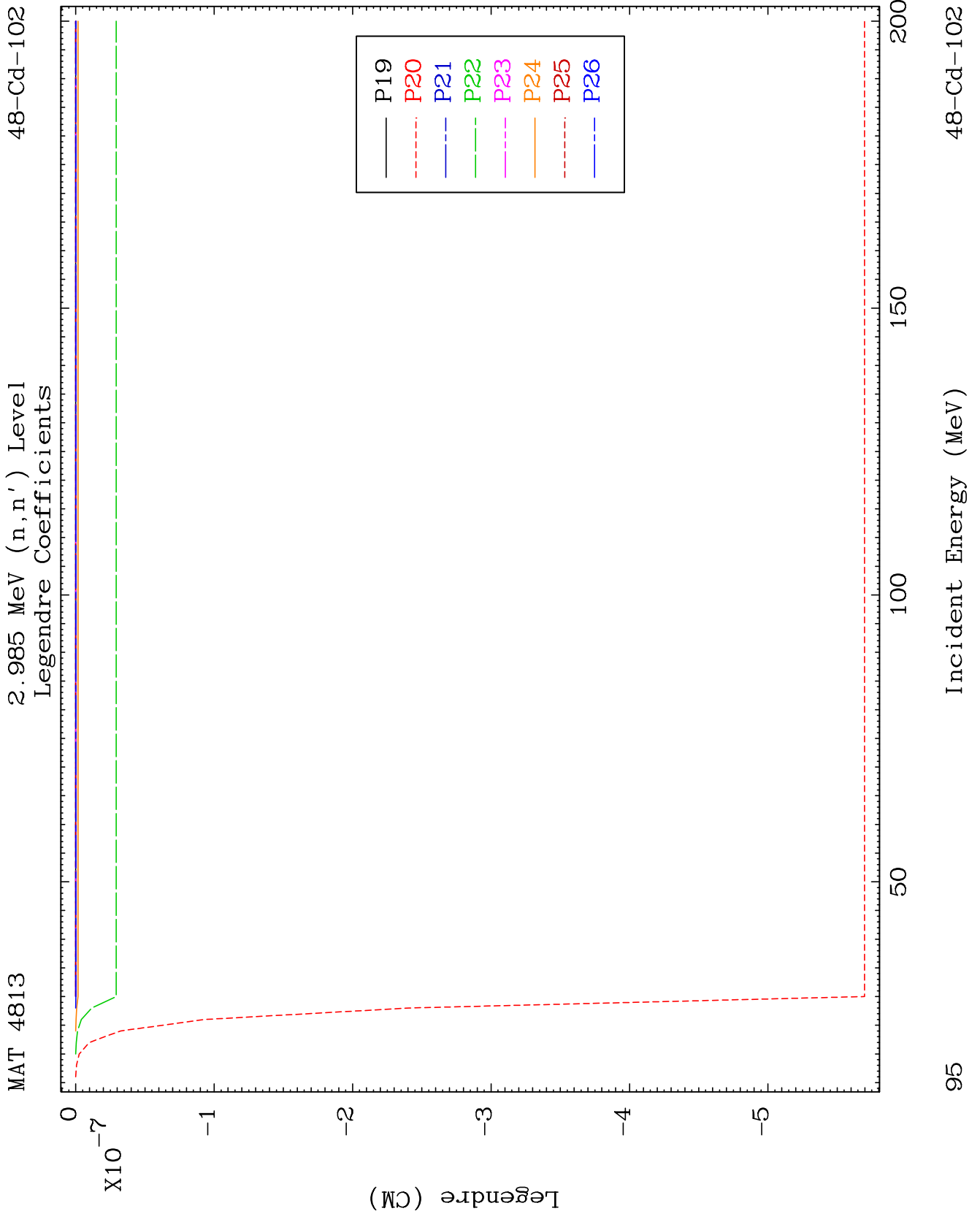
Incident Energy (MeV)

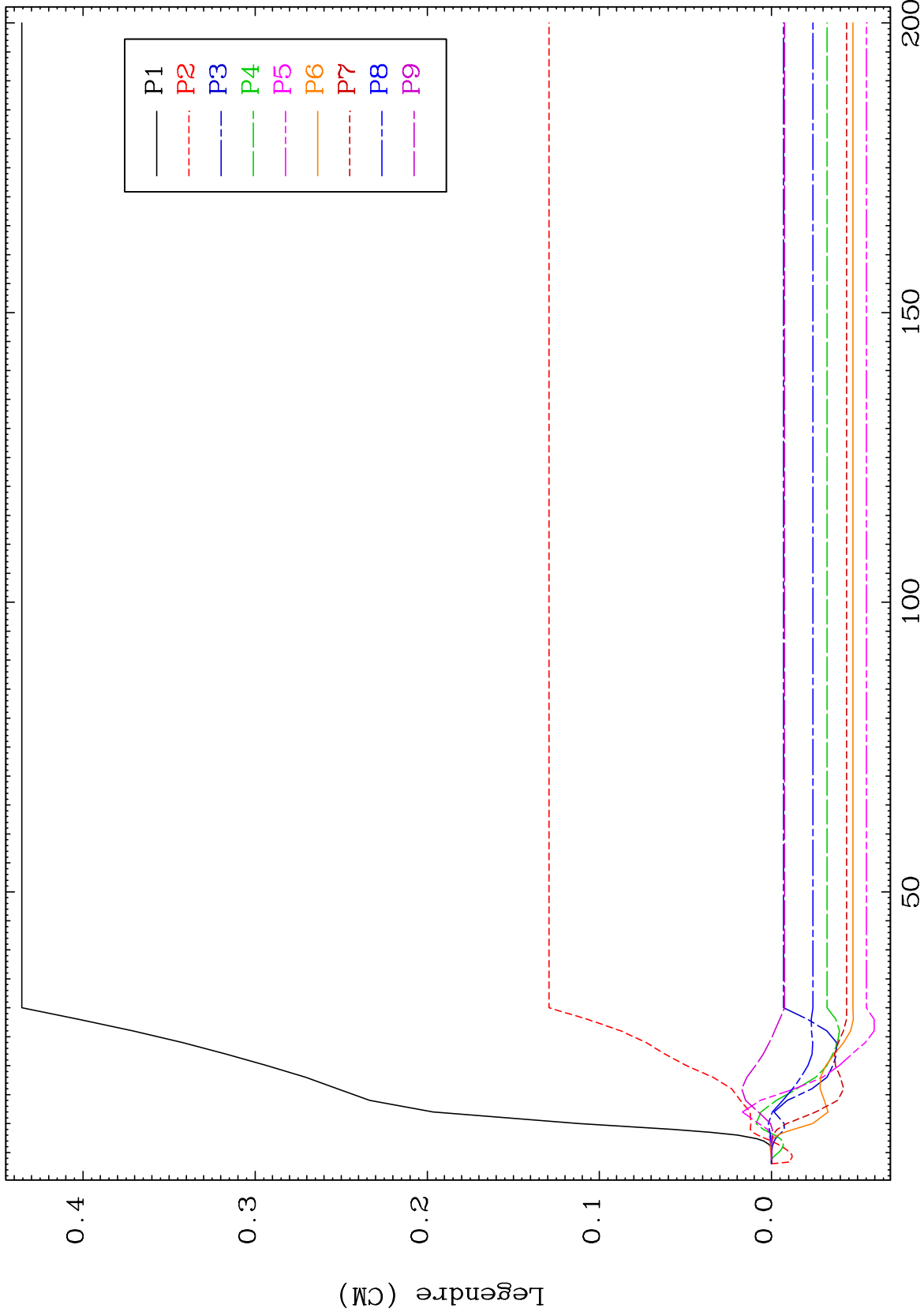
48-Cd-102

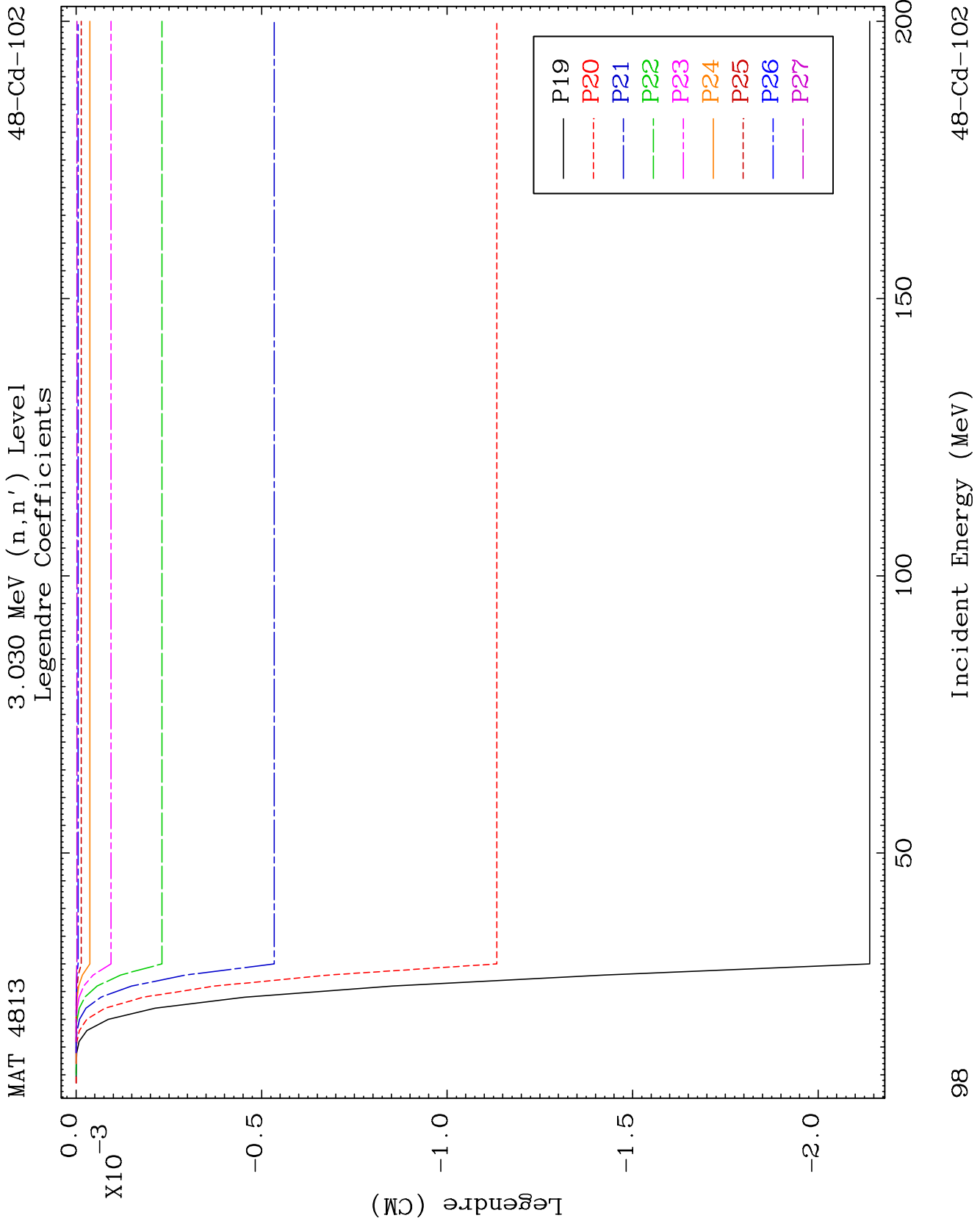


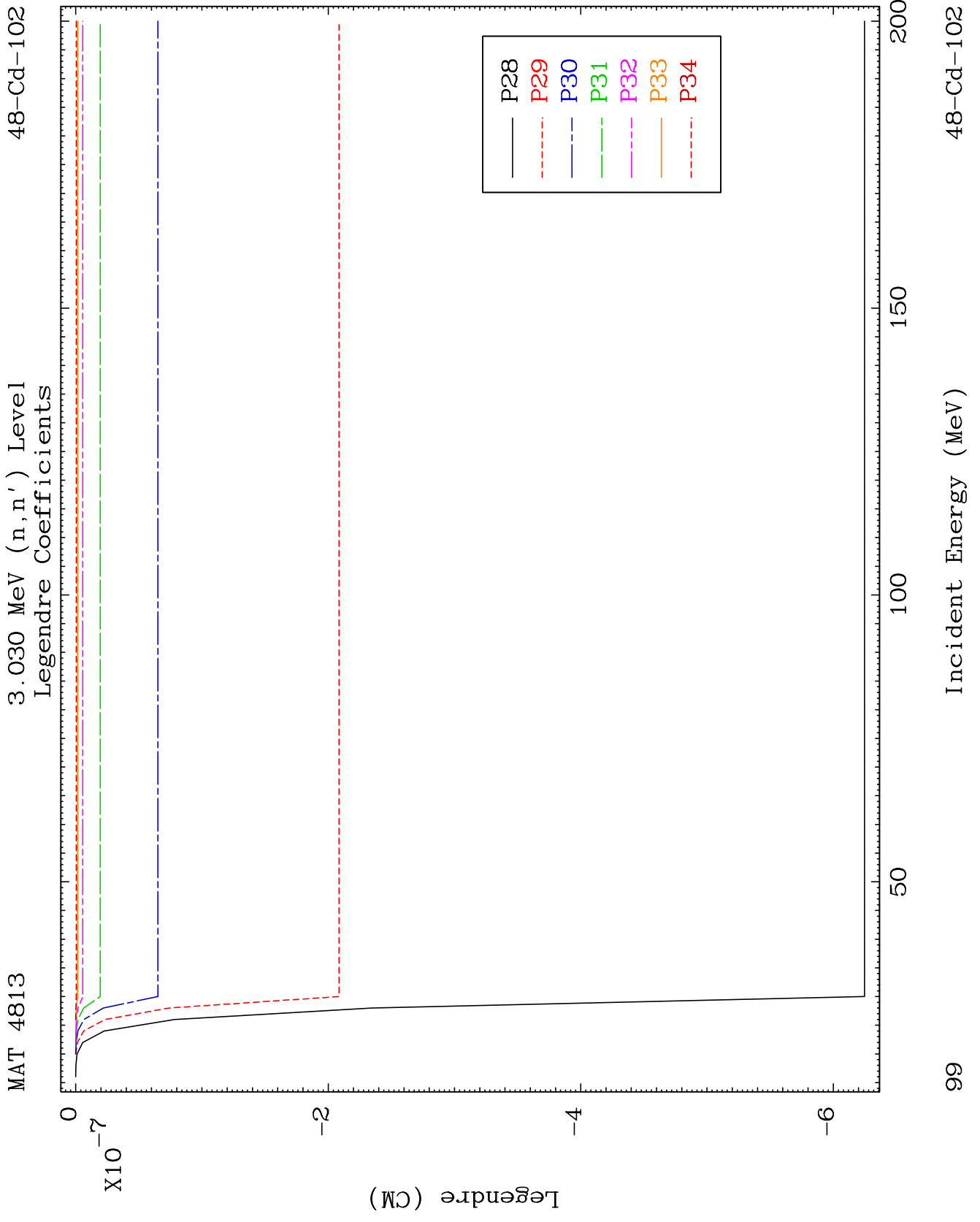


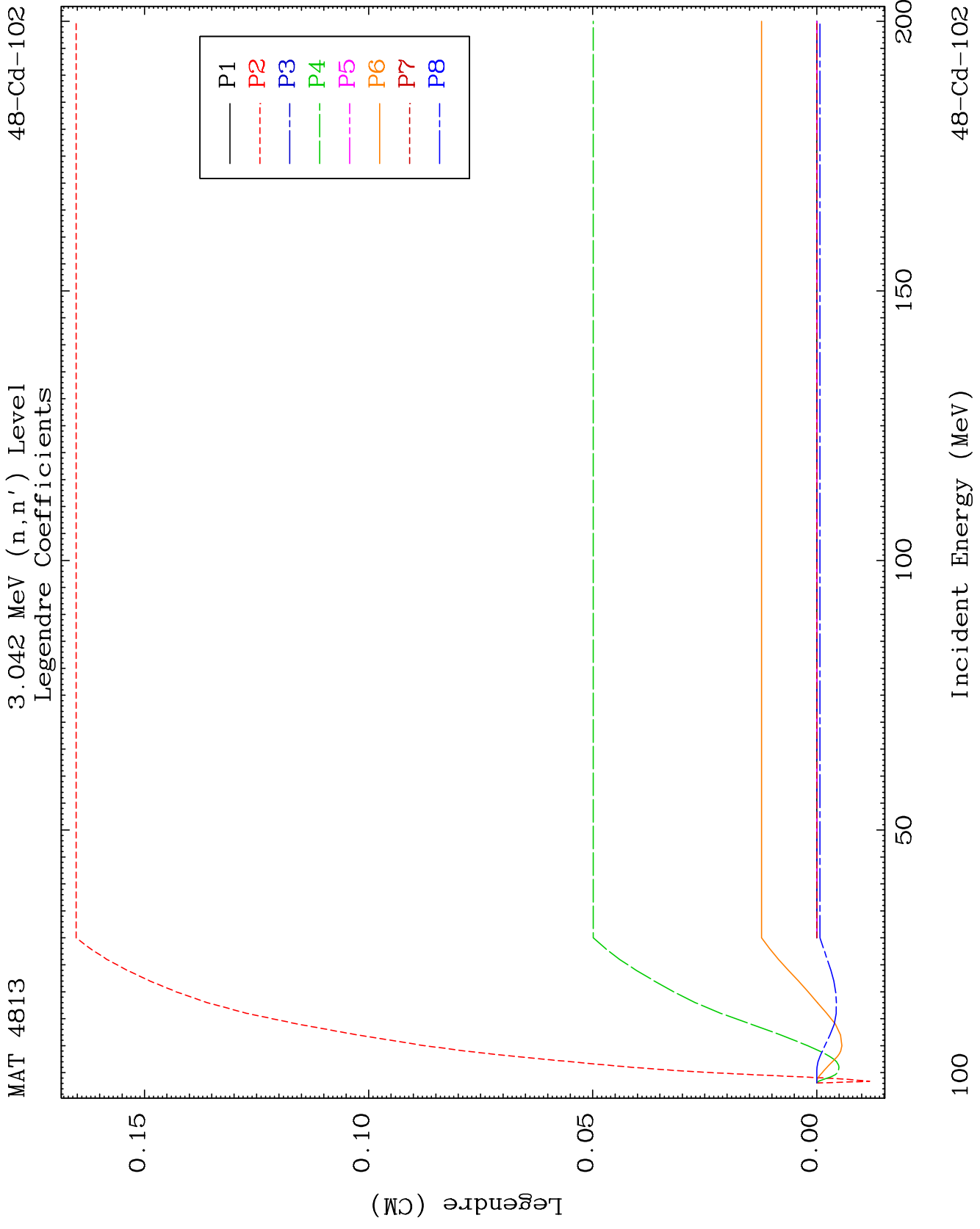


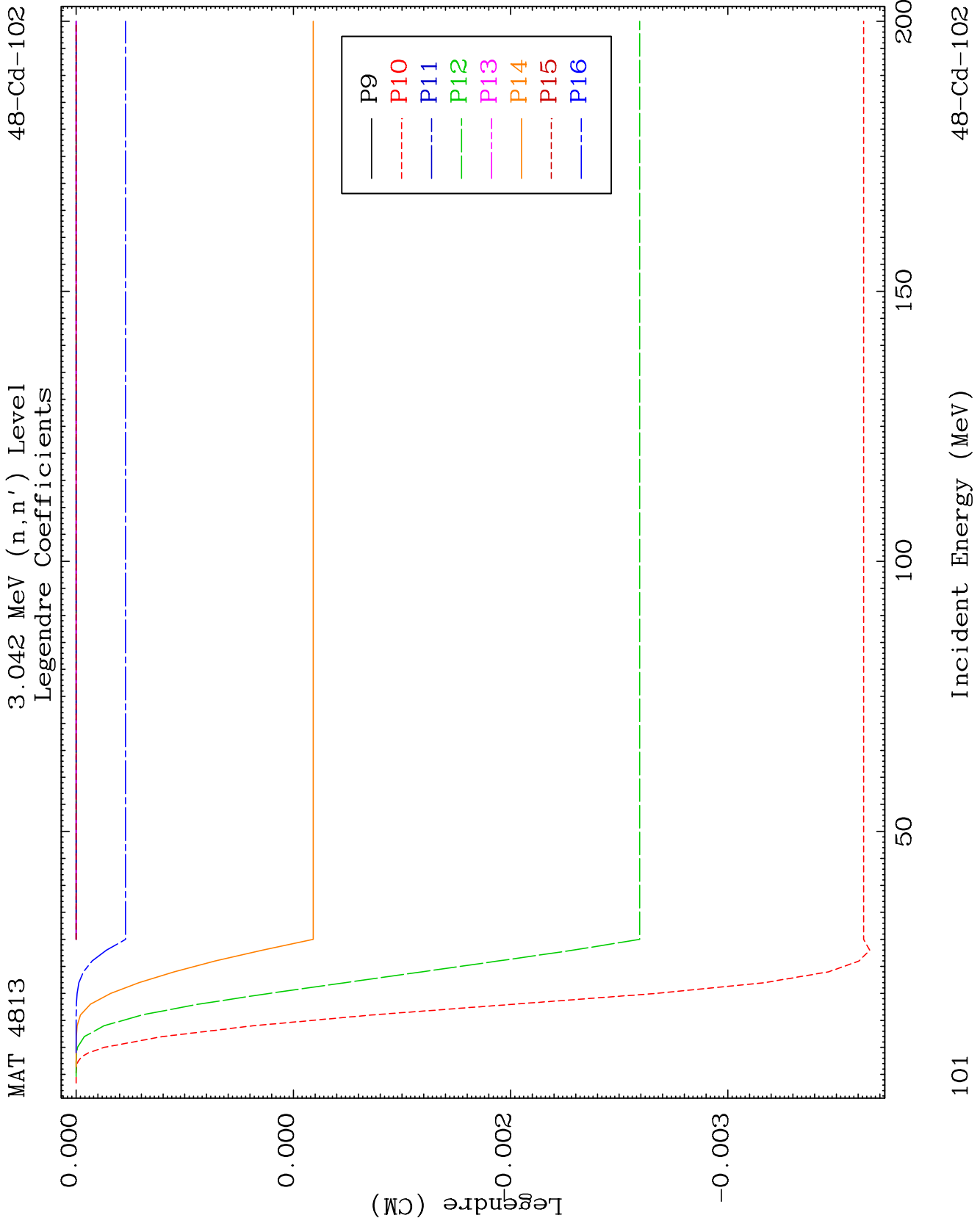


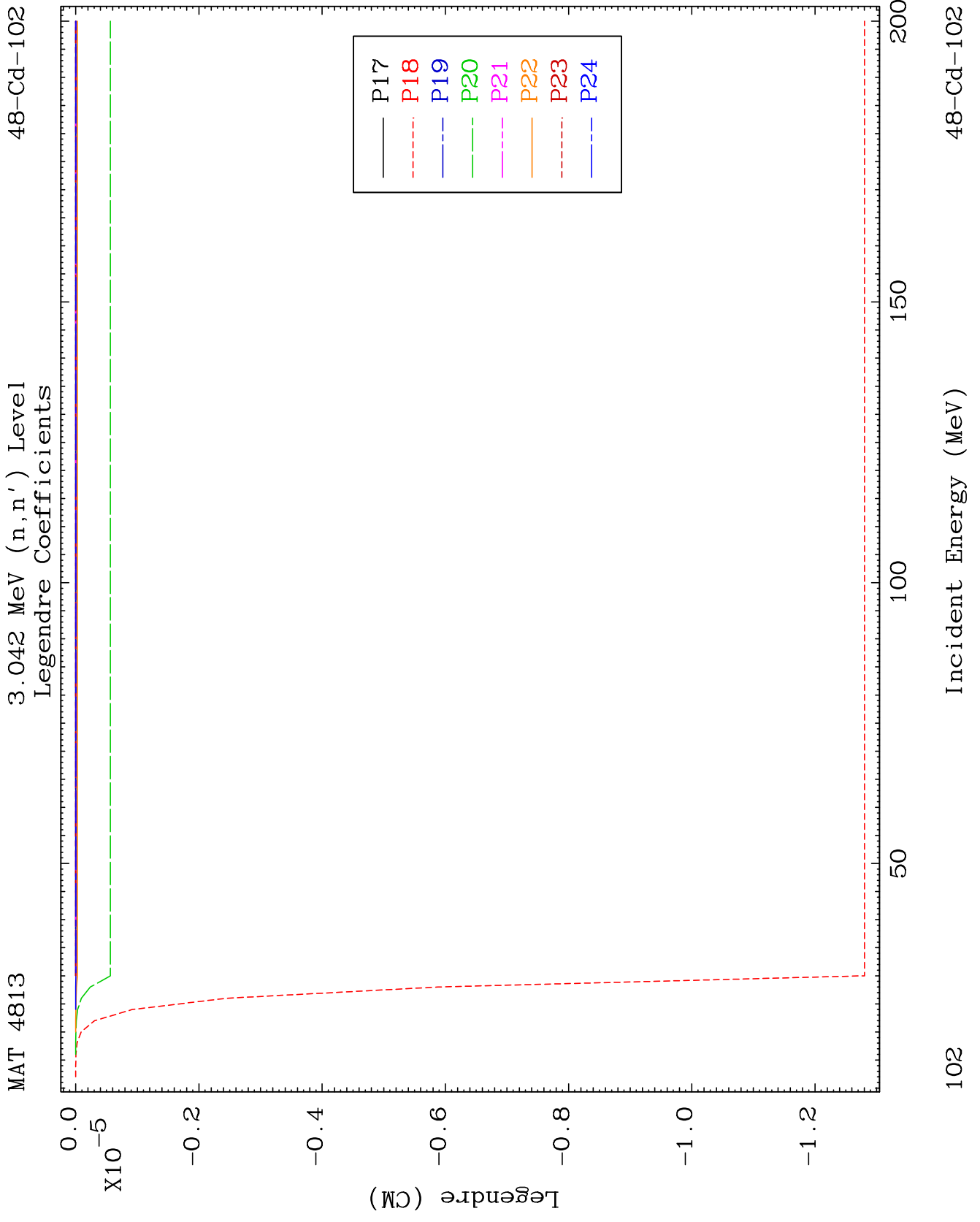








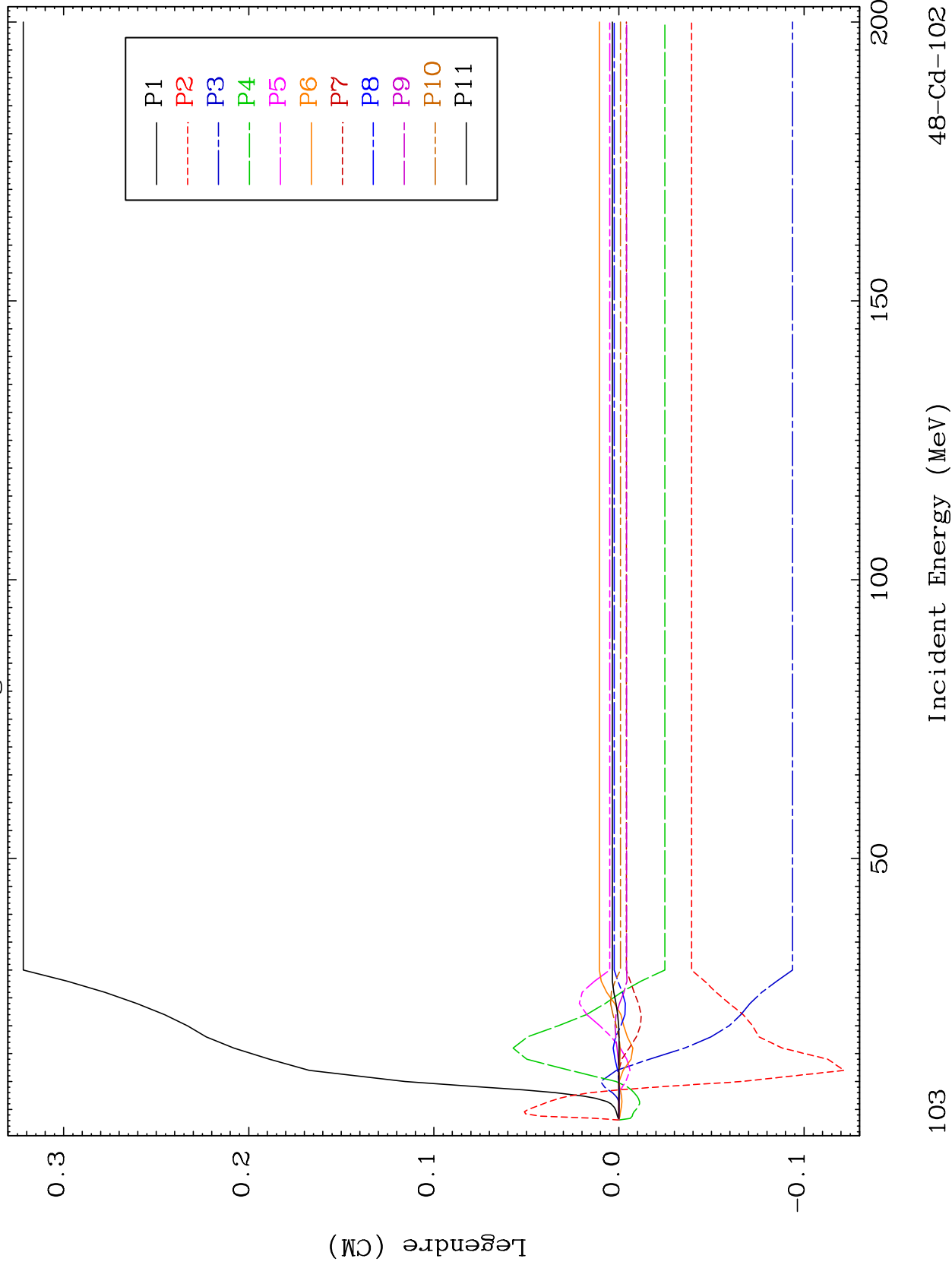




MAT 4813

3.053 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



103

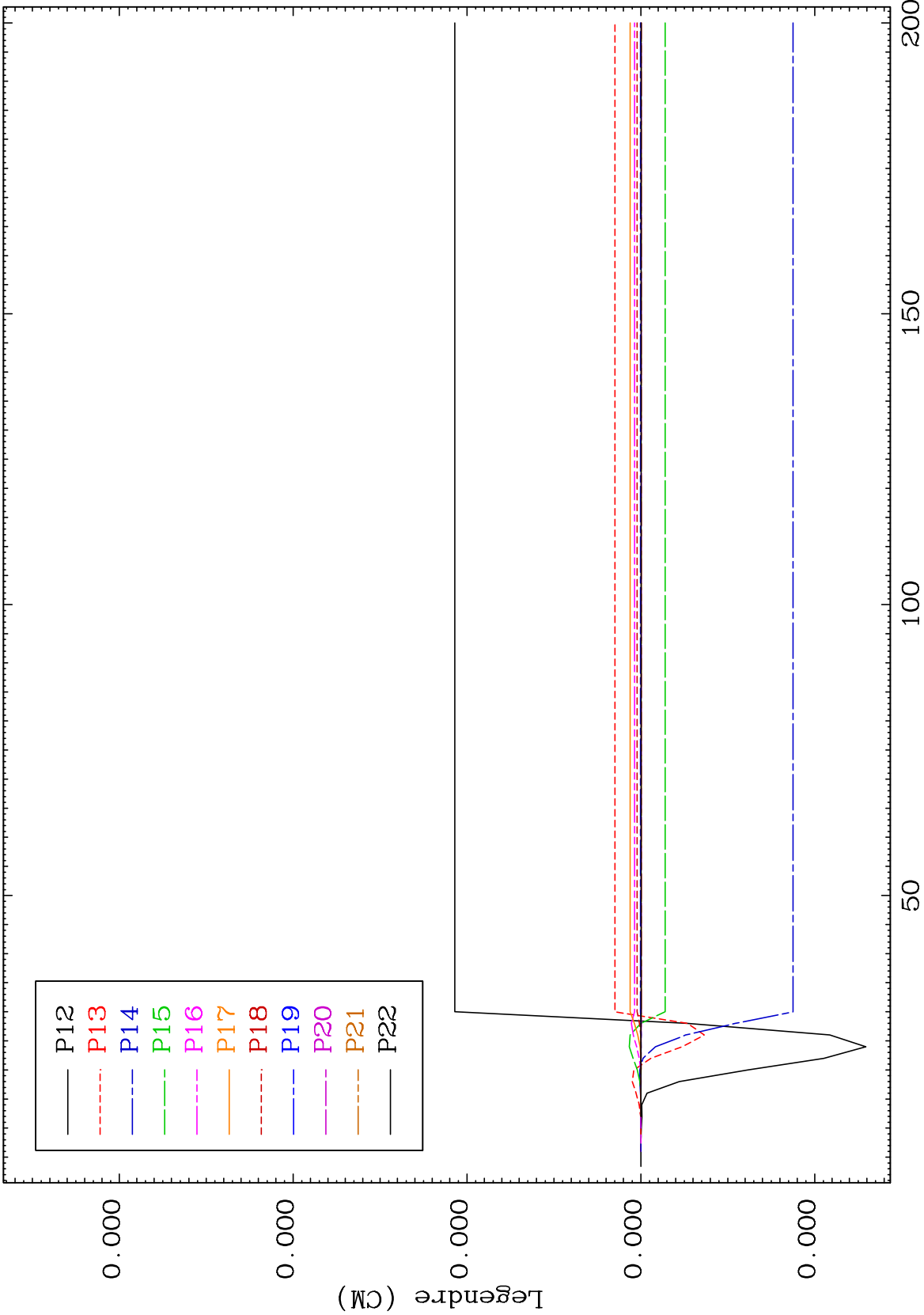
Incident Energy (MeV)

48-Cd-102

MAT 4813

3.053 MeV (n,n') Level
Legendre Coefficients

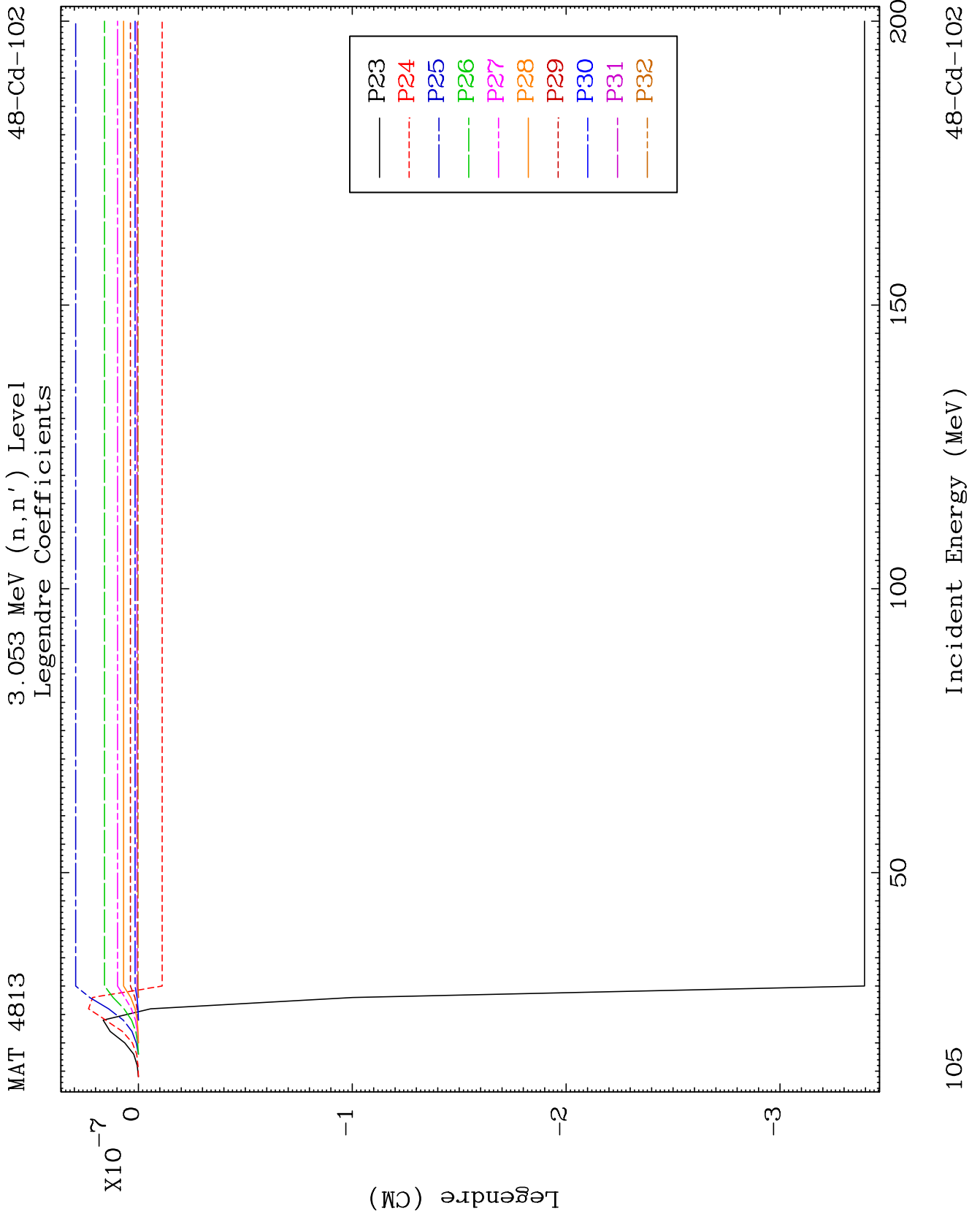
48-Cd-102



104

Incident Energy (MeV)

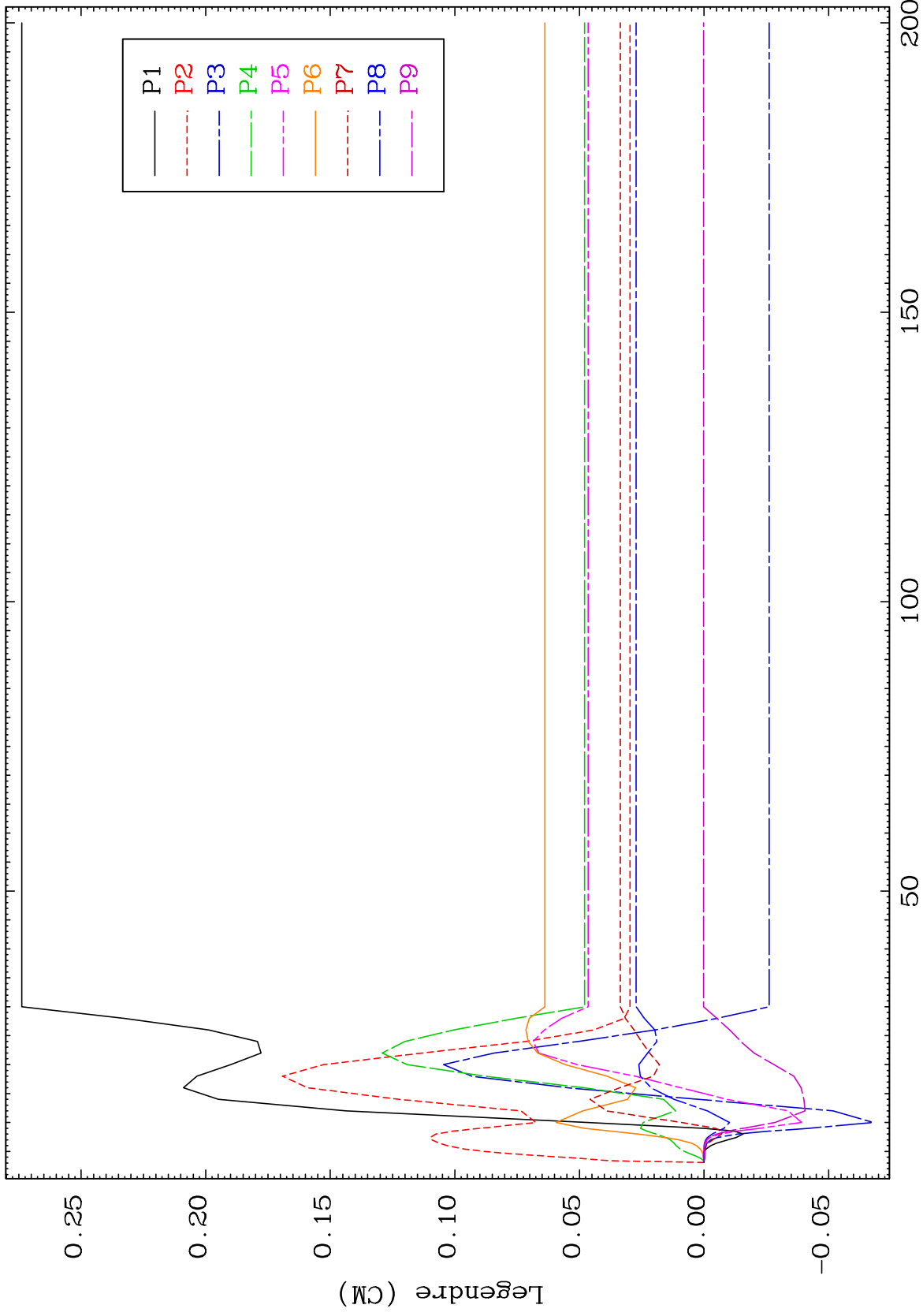
48-Cd-102



MAT 4813

3.059 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



106

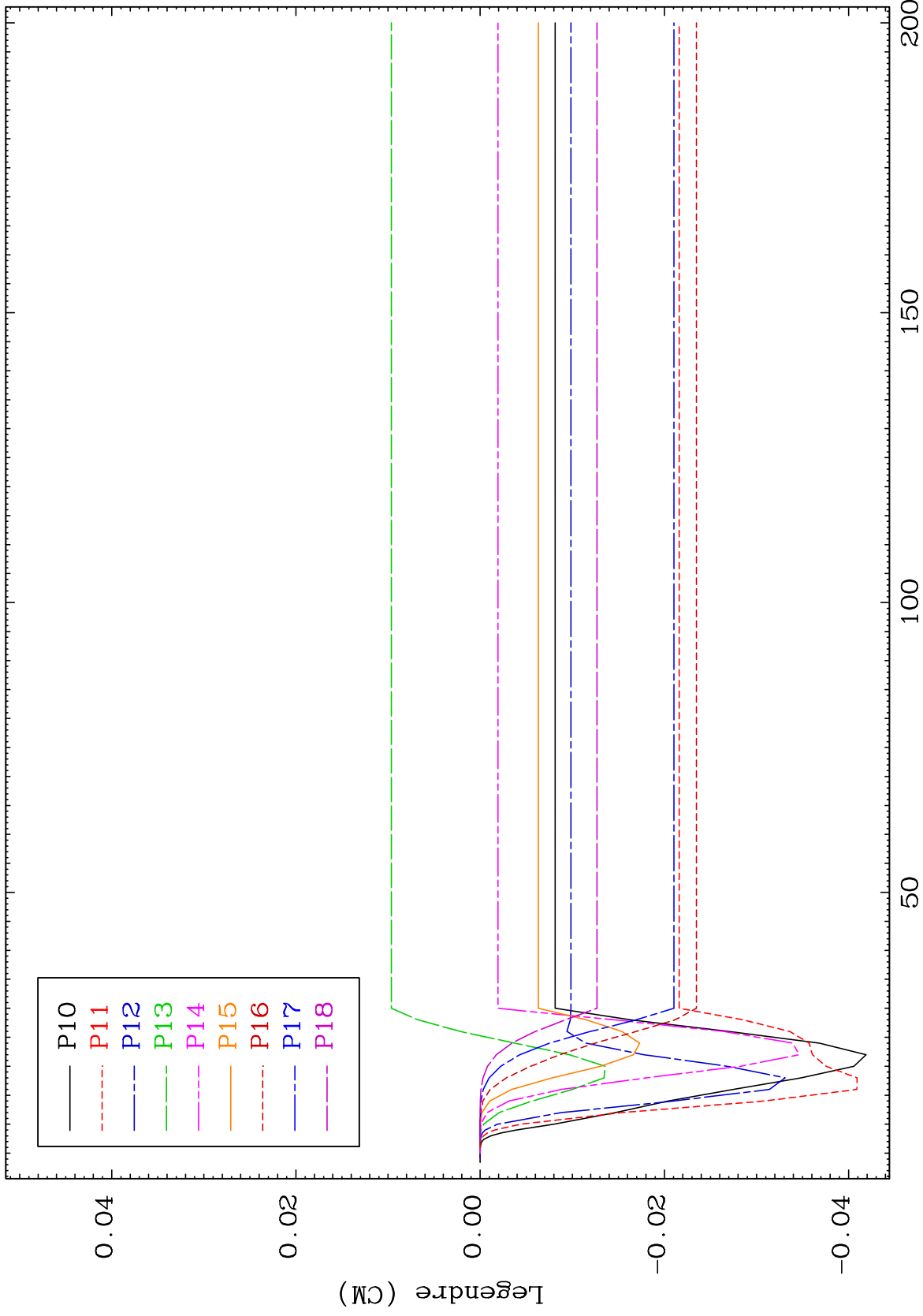
Incident Energy (MeV)

48-Cd-102

MAT 4813

3.059 MeV (n, n') Level
Legendre Coefficients

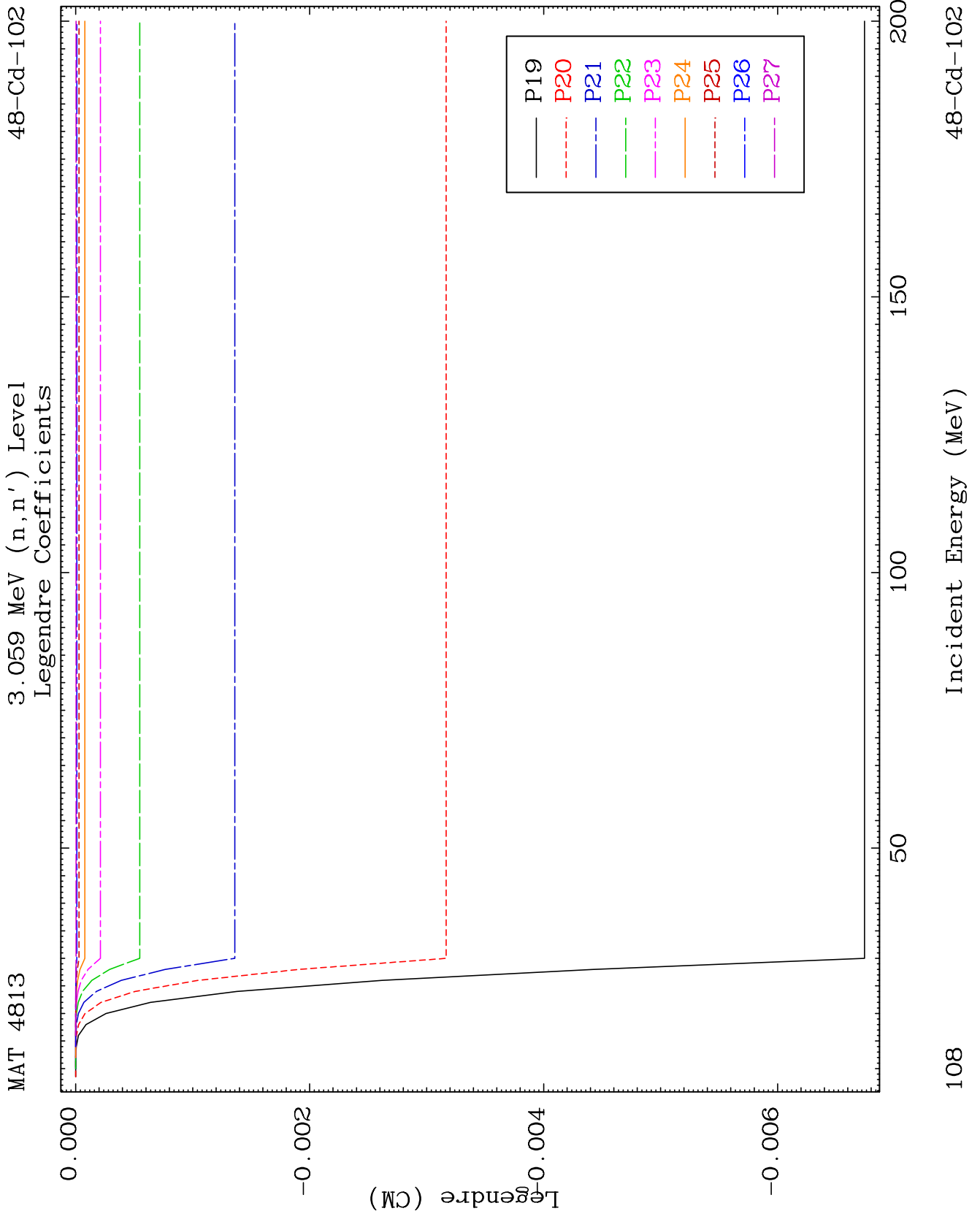
48-Cd-102

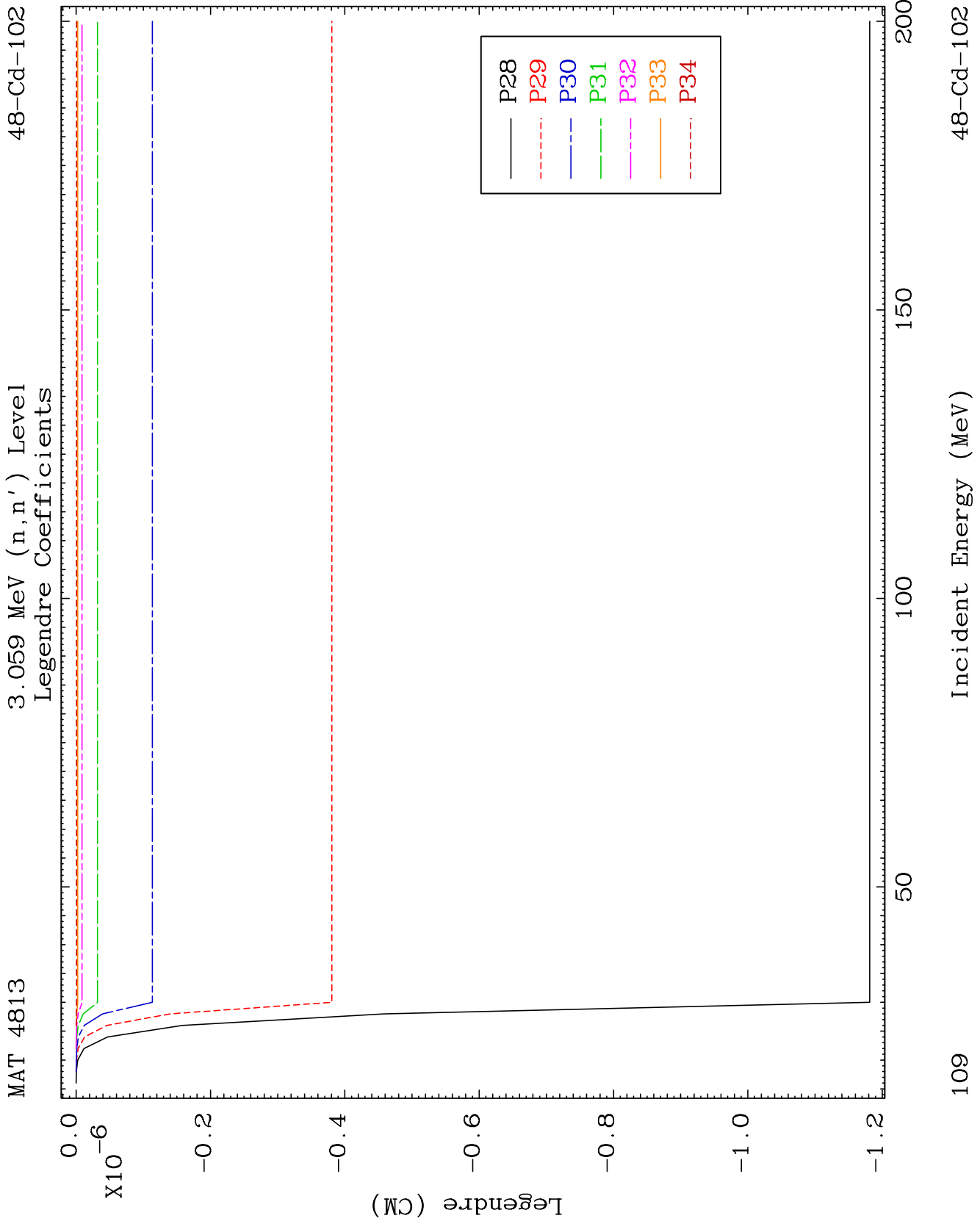


107

Incident Energy (MeV)

48-Cd-102

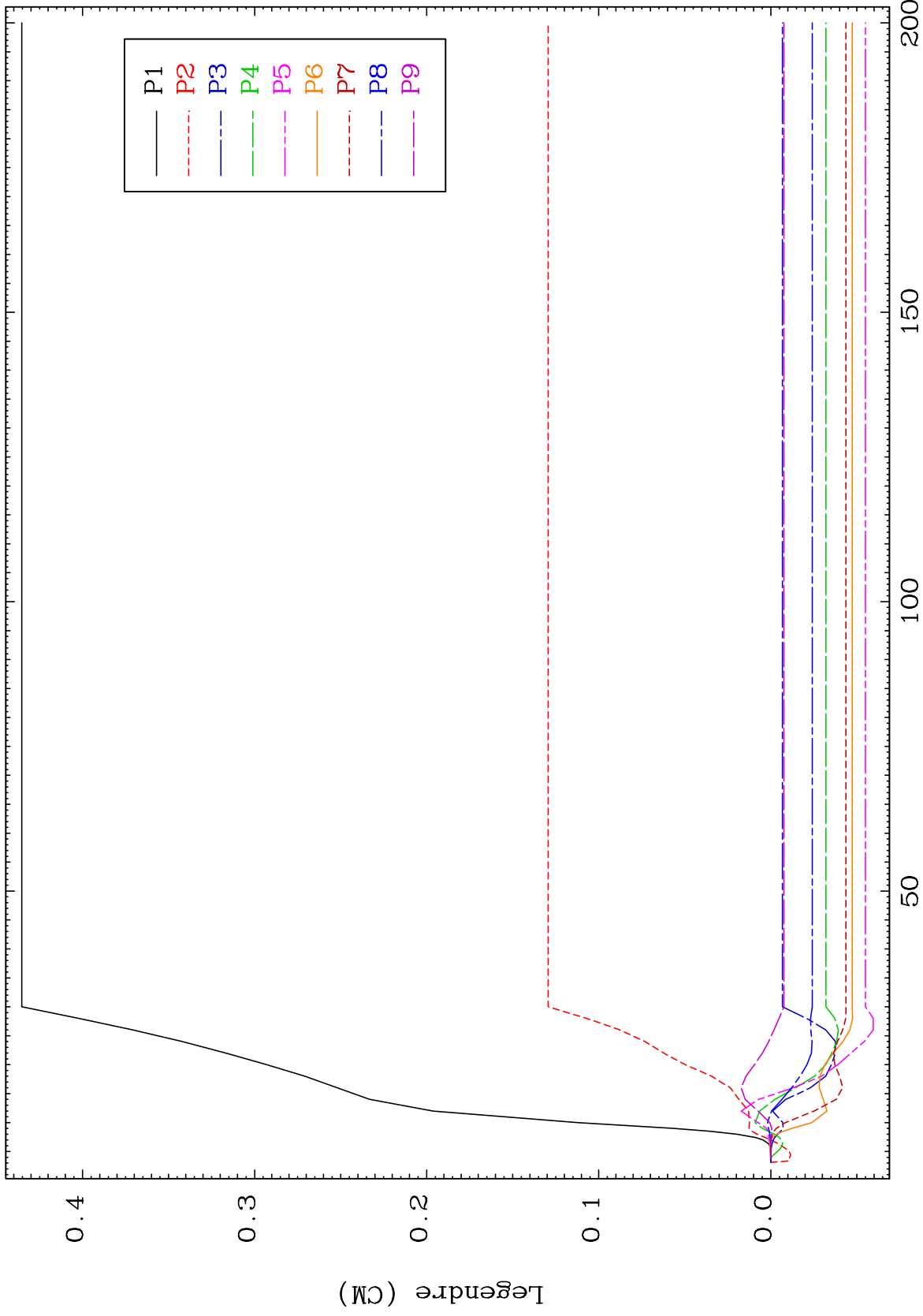




MAT 4813

3.073 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



110

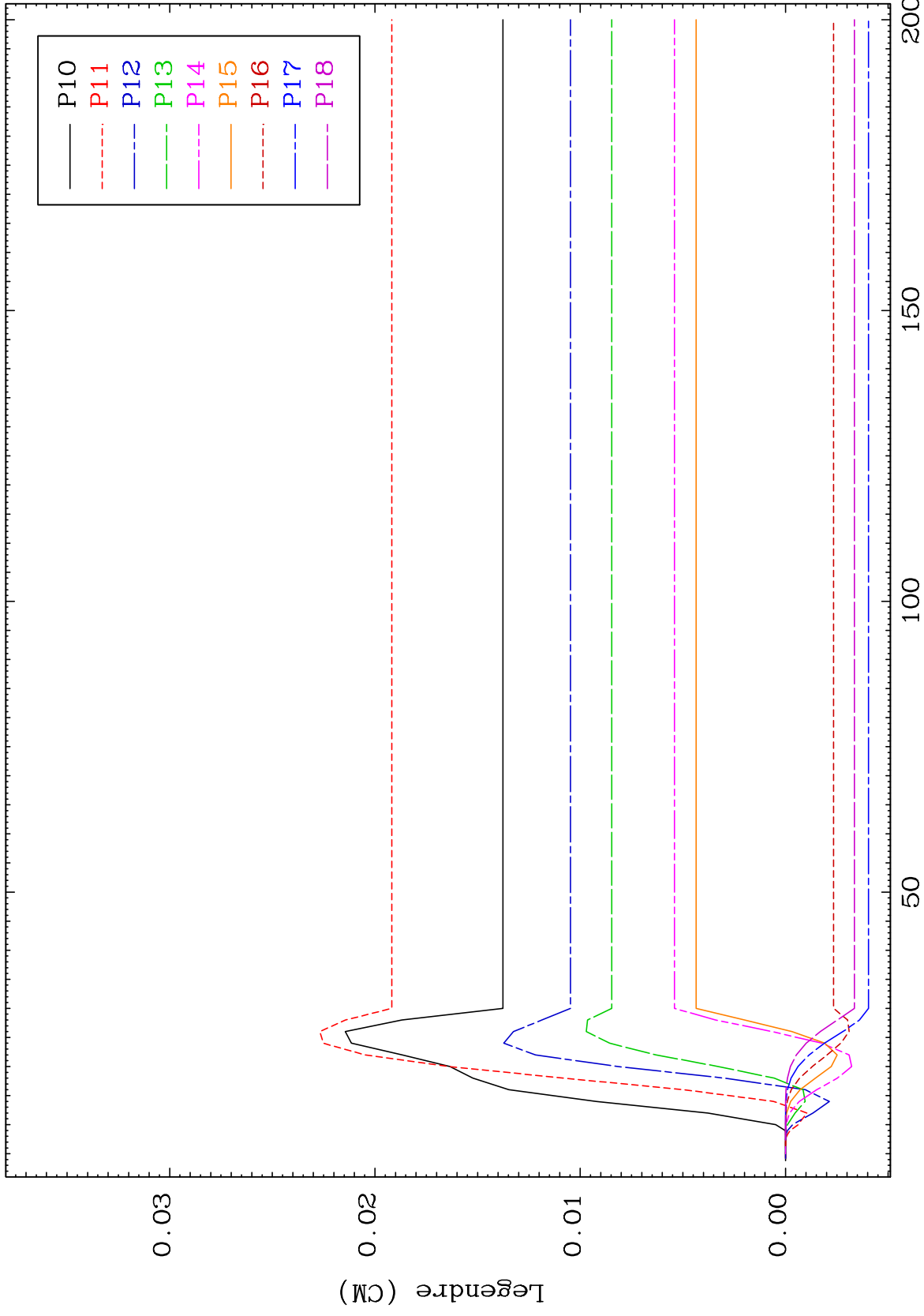
Incident Energy (MeV)

48-Cd-102

MAT 4813

3.073 MeV (n,n') Level
Legendre Coefficients

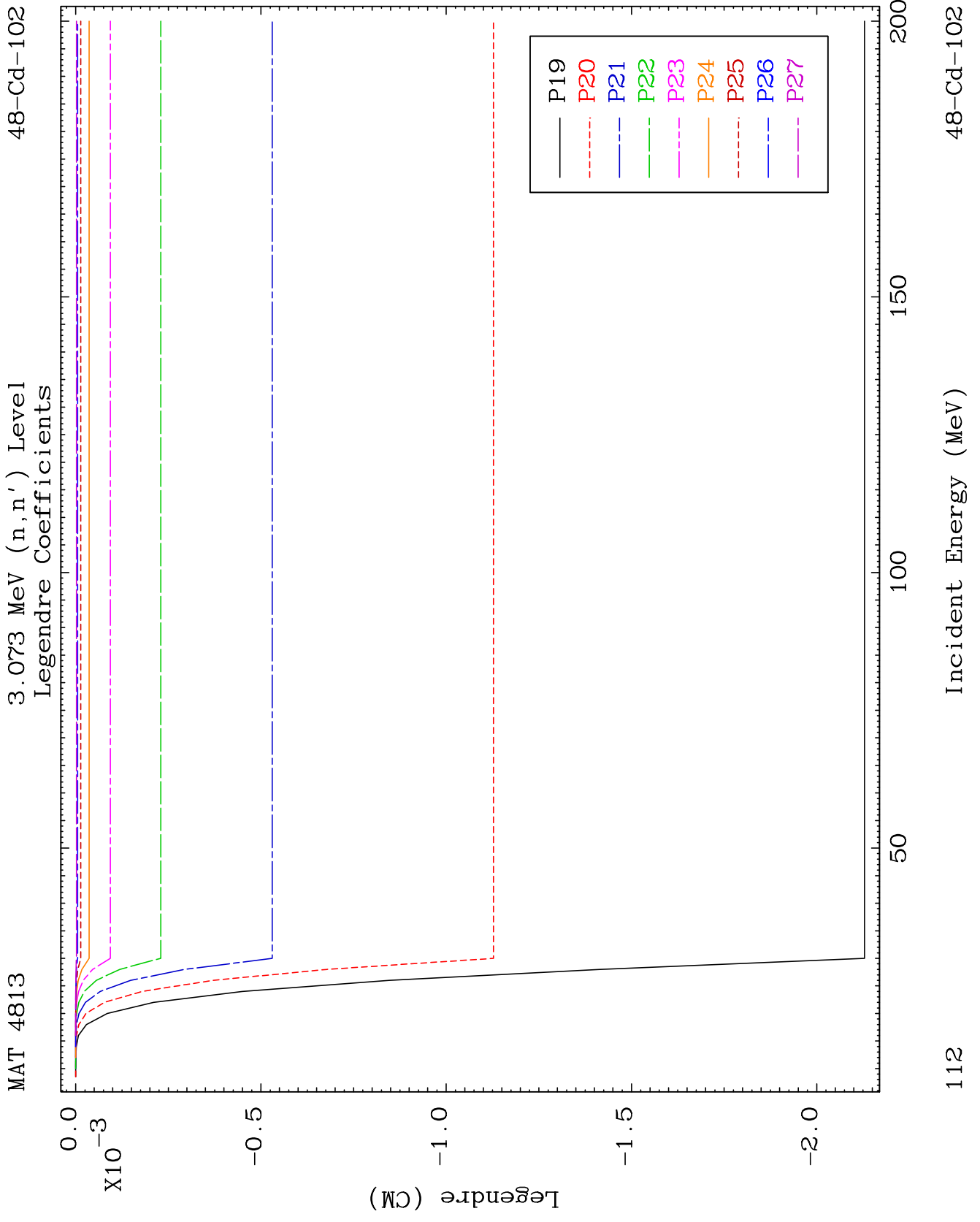
48-Cd-102

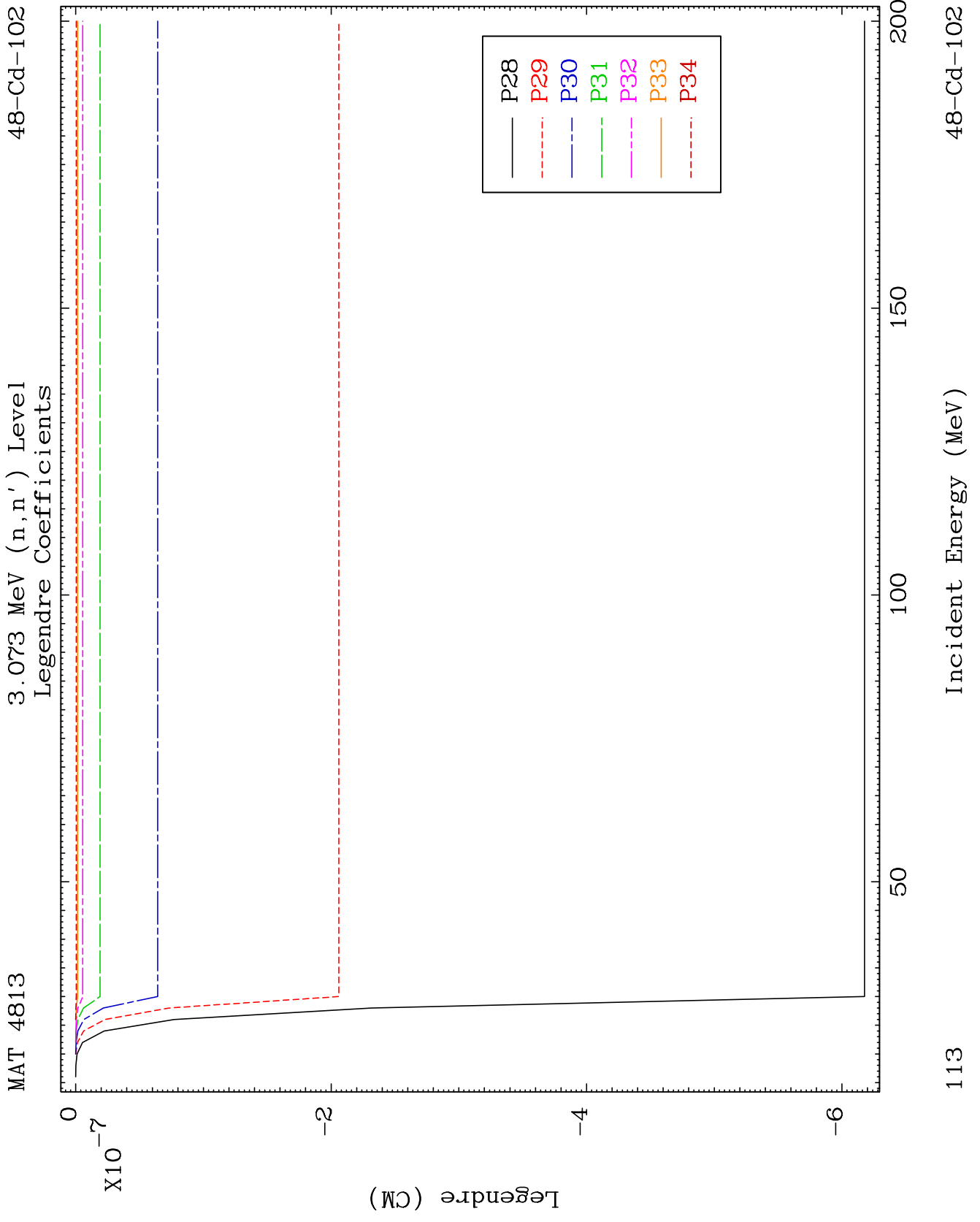


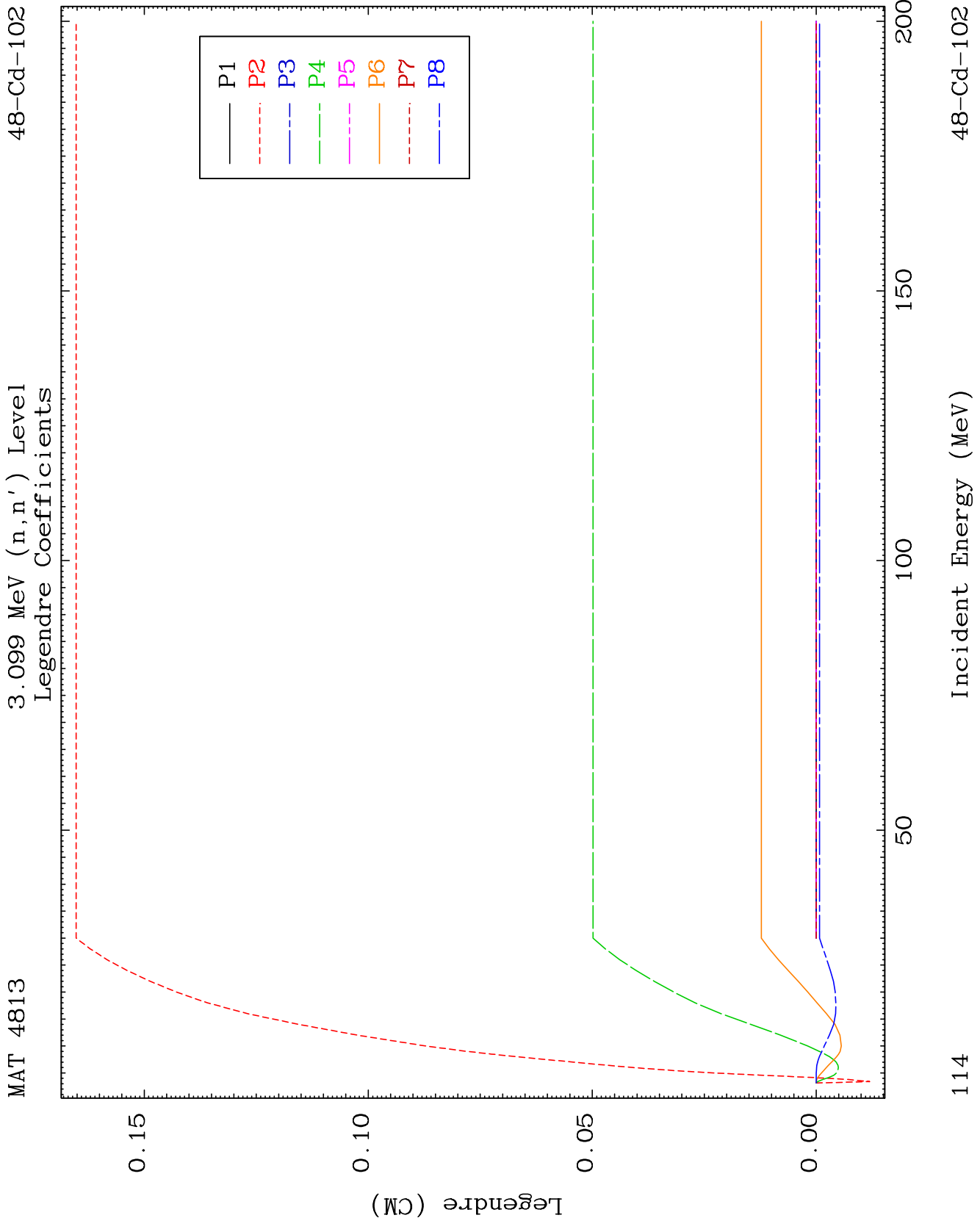
111

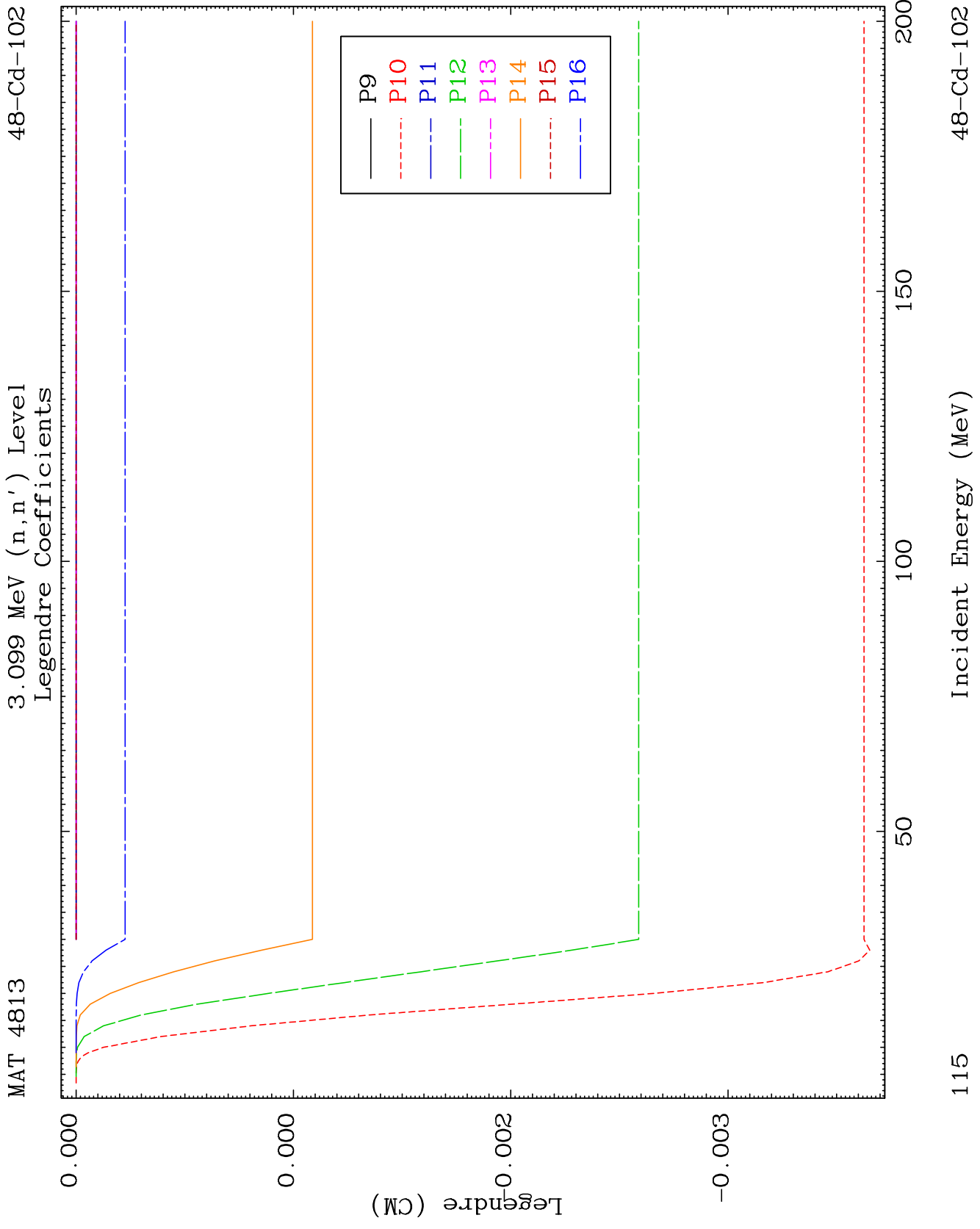
Incident Energy (MeV)

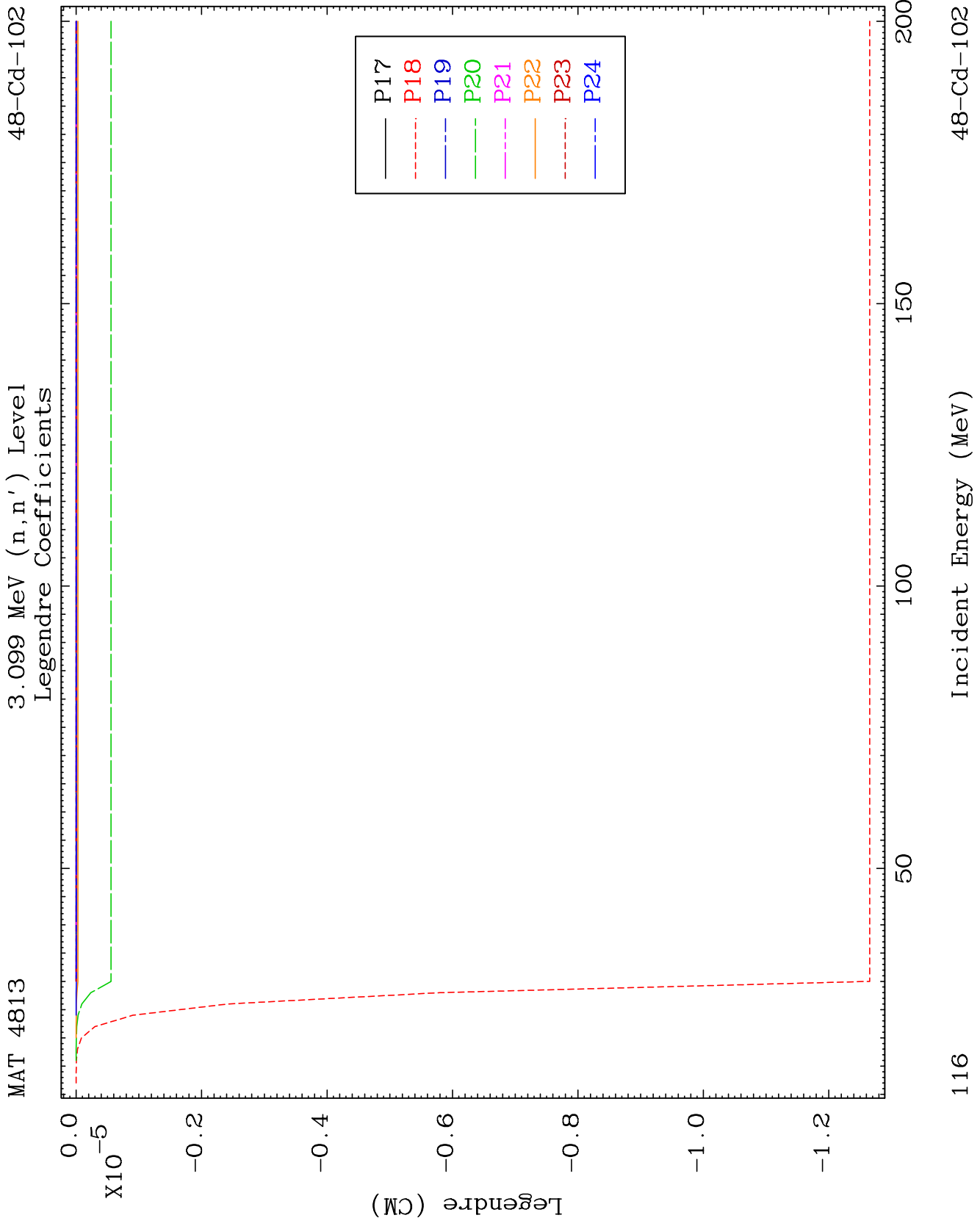
48-Cd-102







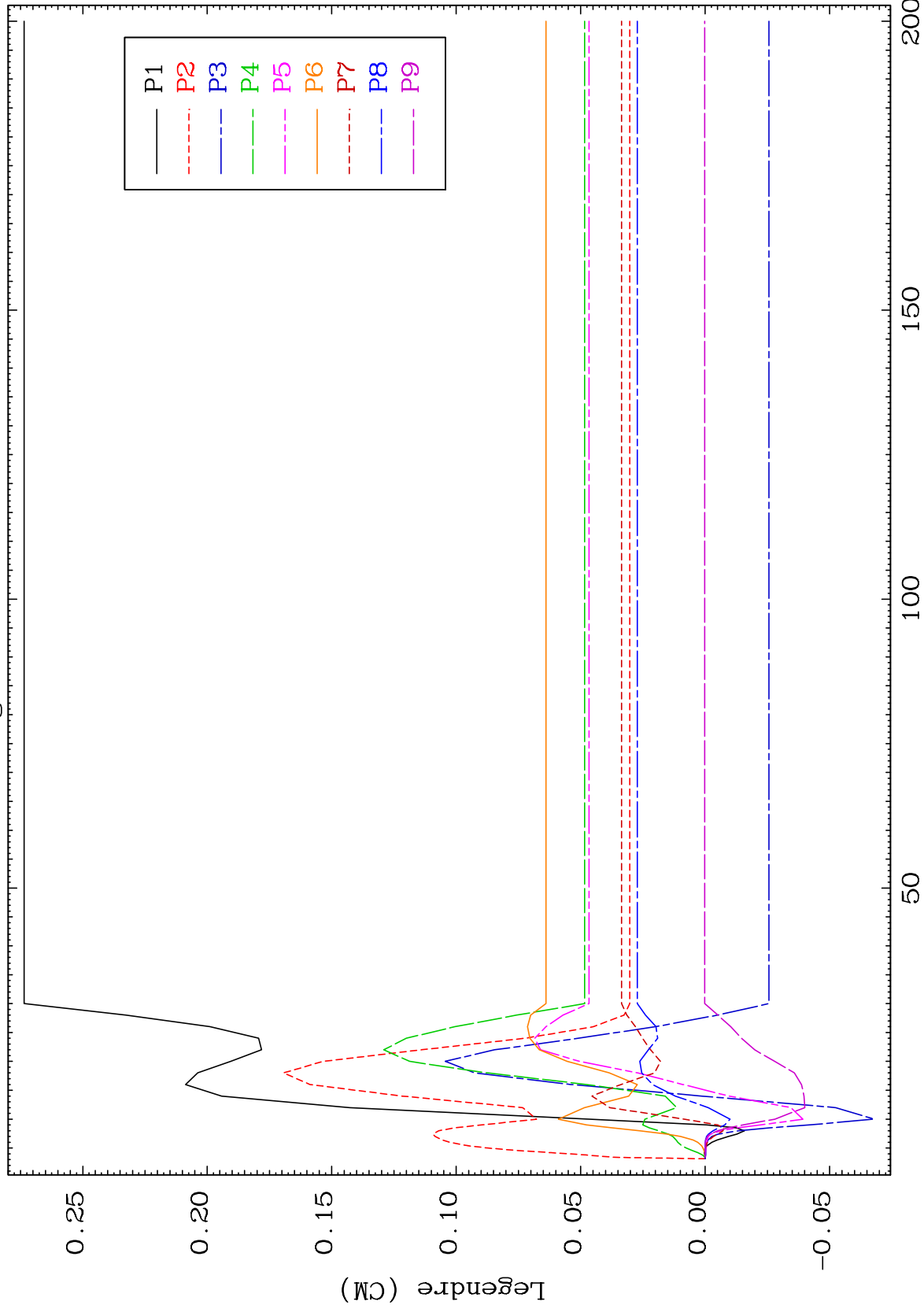




MAT 4813

3.115 MeV (n,n') Level
Legendre Coefficients

48-Cd-102



117

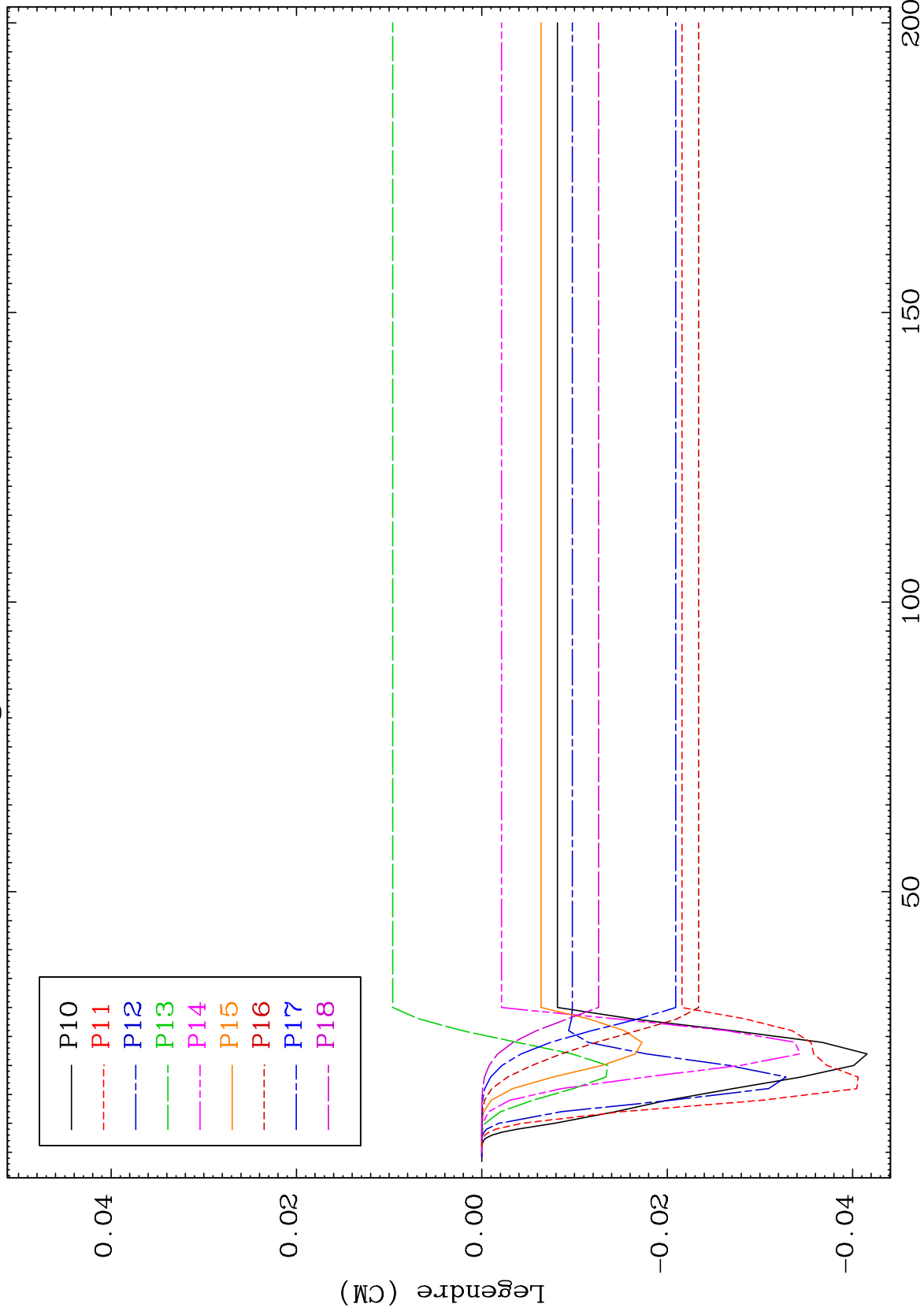
Incident Energy (MeV)

48-Cd-102

MAT 4813

3.115 MeV (n,n') Level
Legendre Coefficients

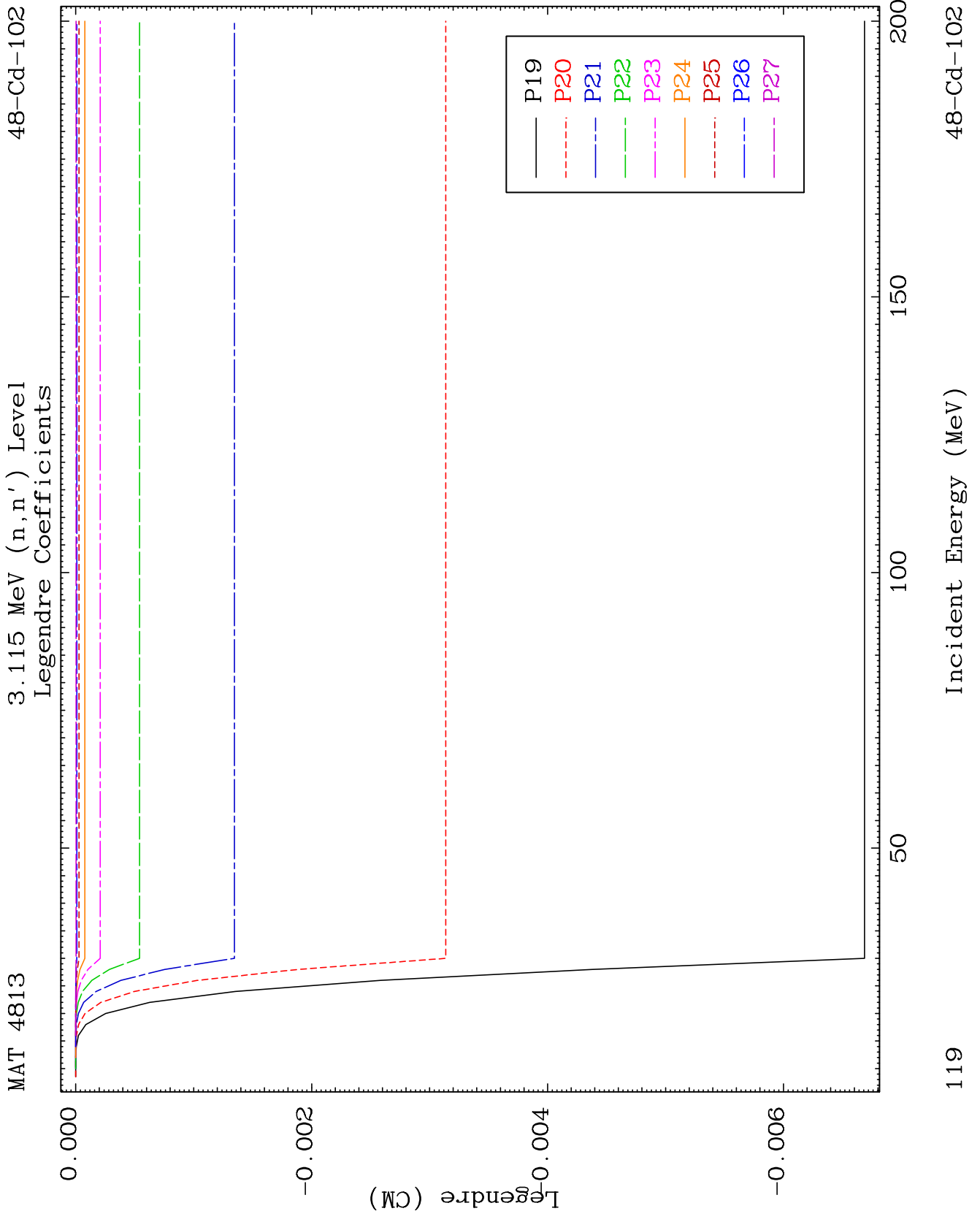
48-Cd-102

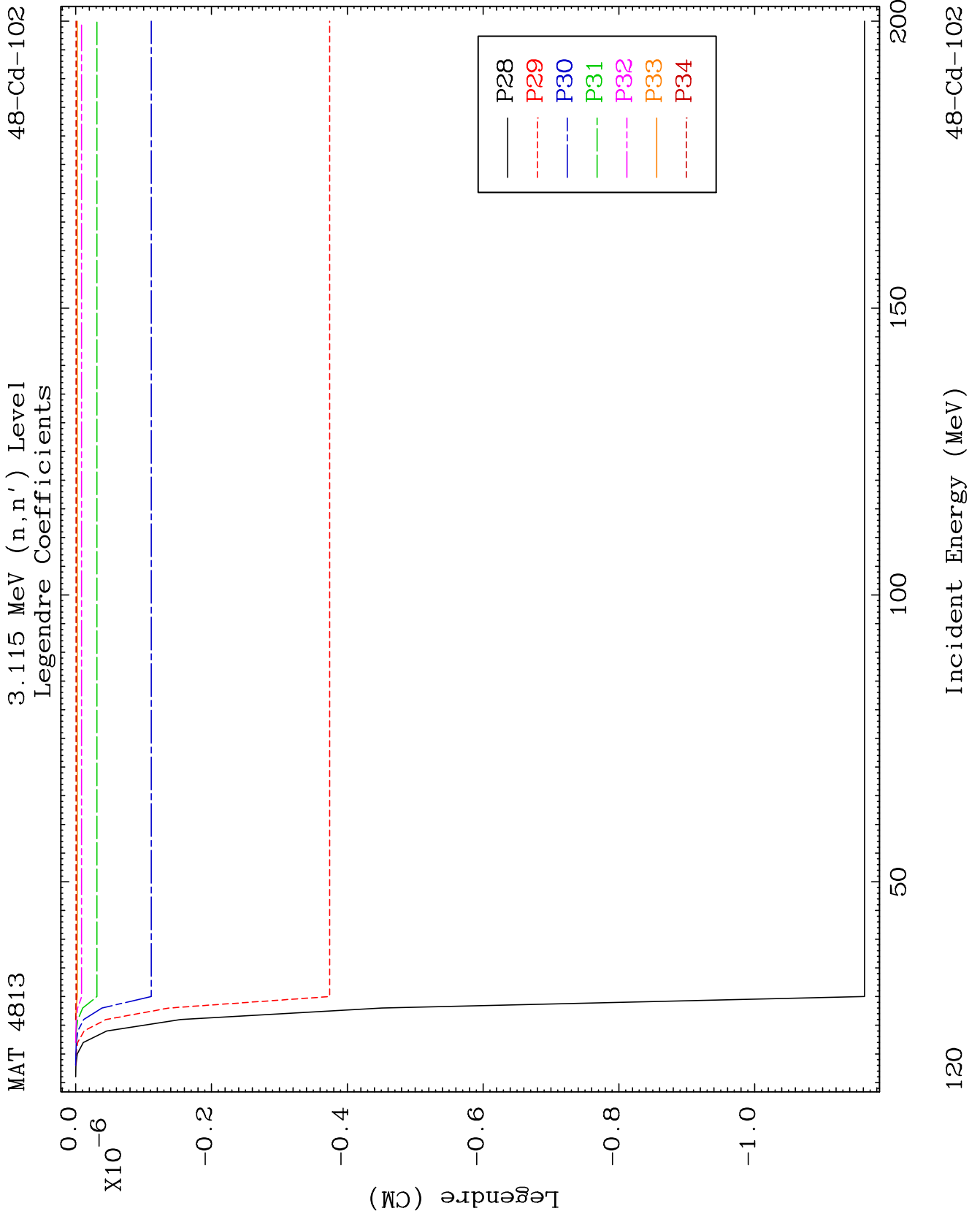


118

Incident Energy (MeV)

48-Cd-102

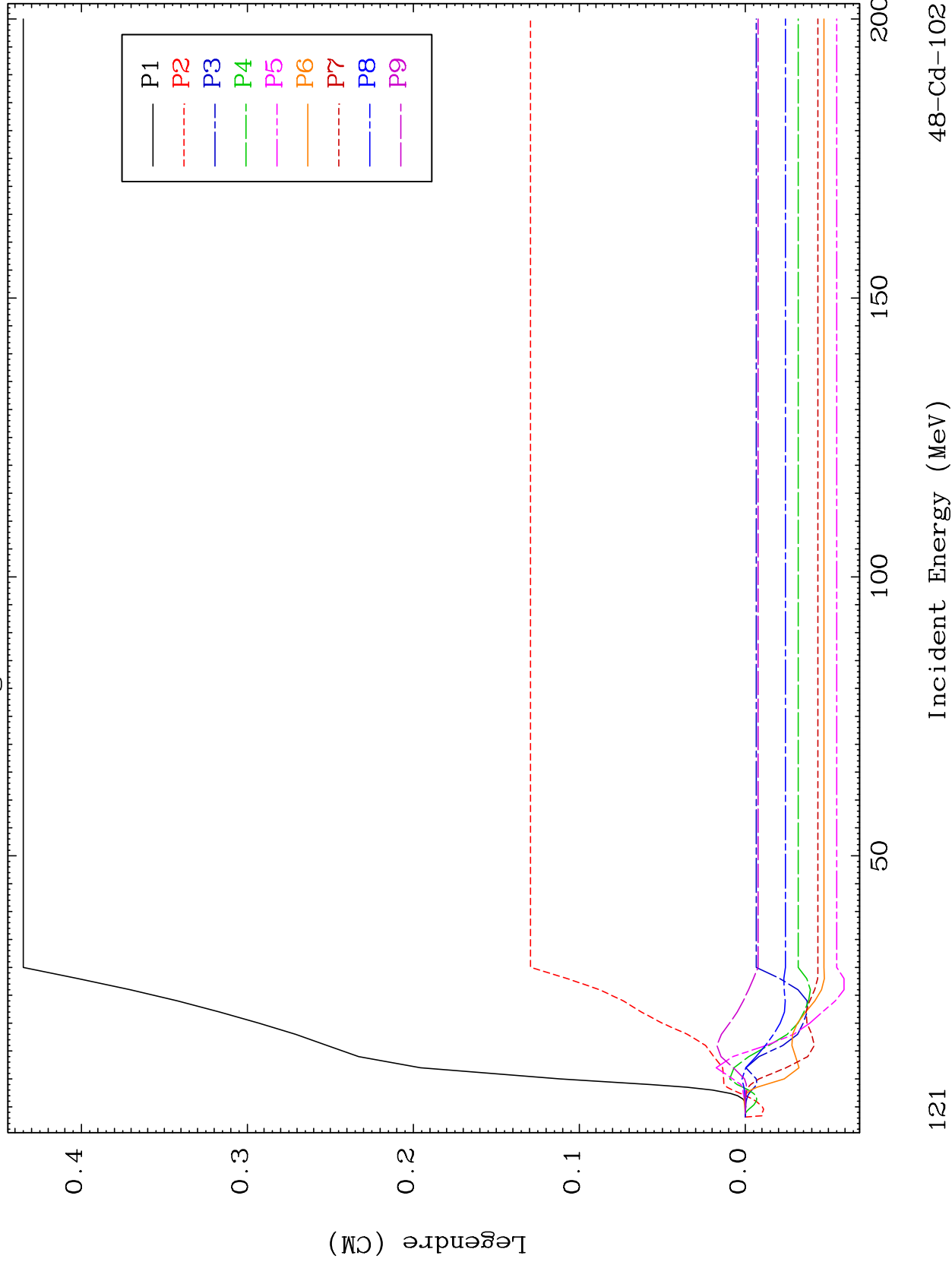




MAT 4813

3.129 MeV (n,n') Level
Legendre Coefficients

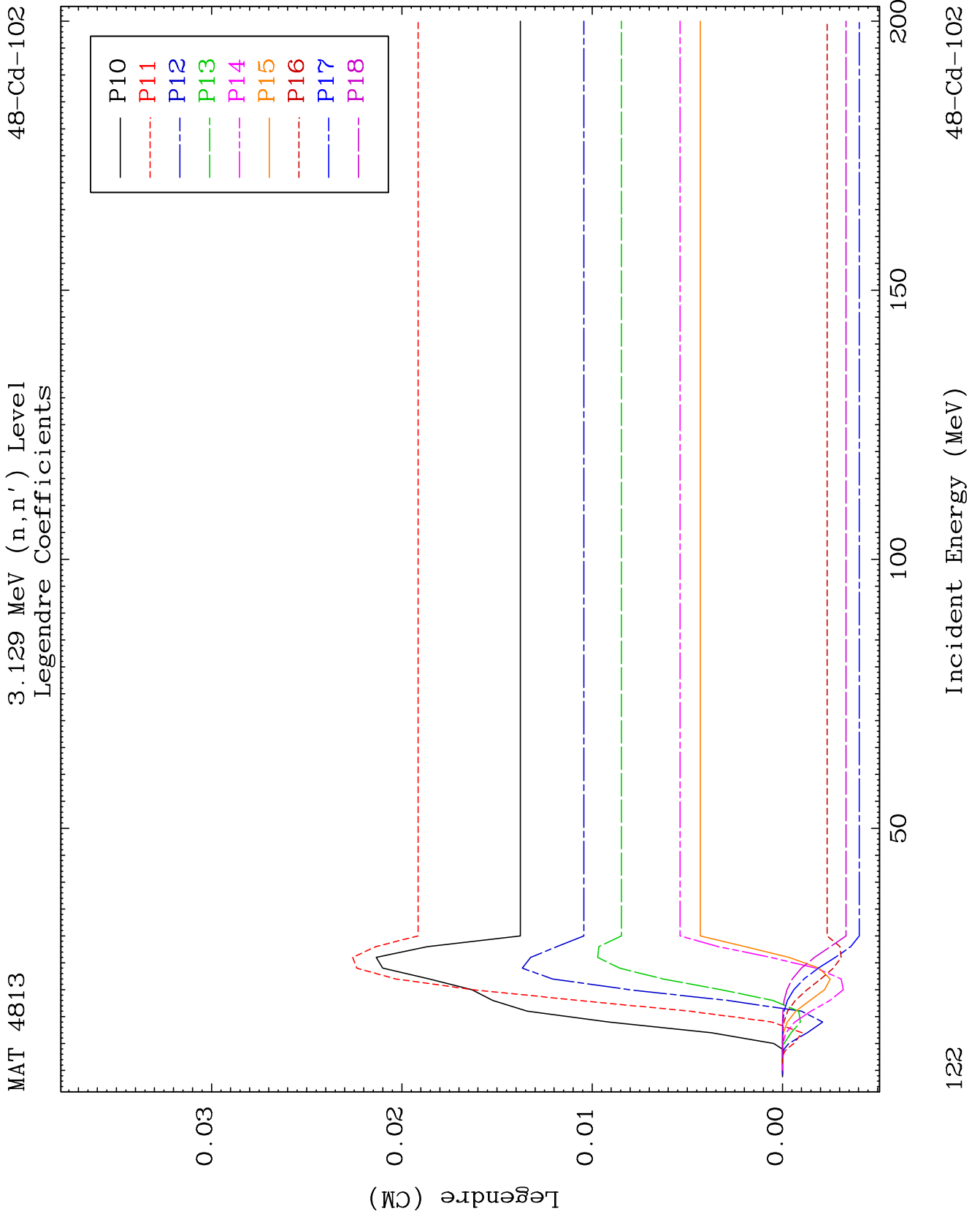
48-Cd-102

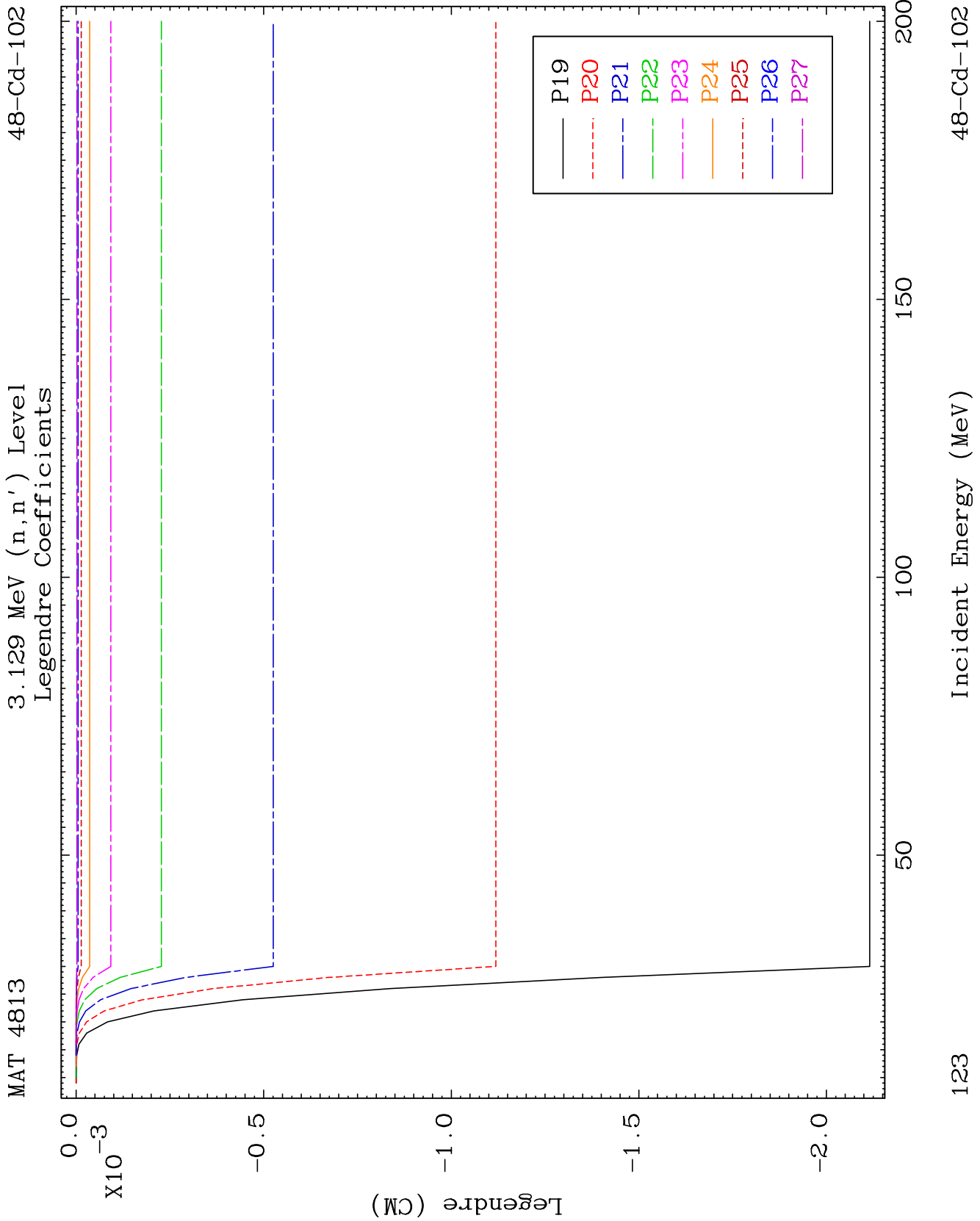


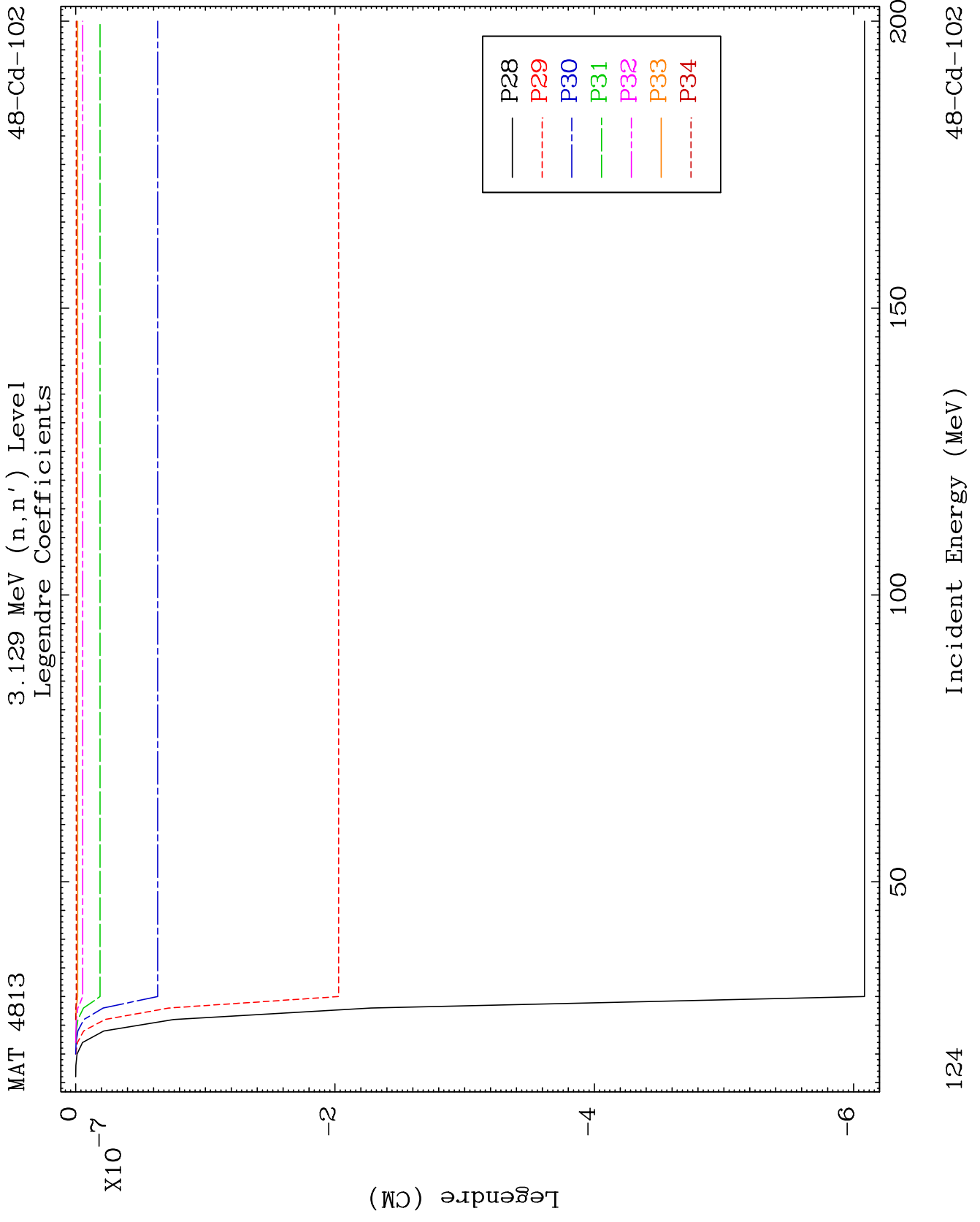
121

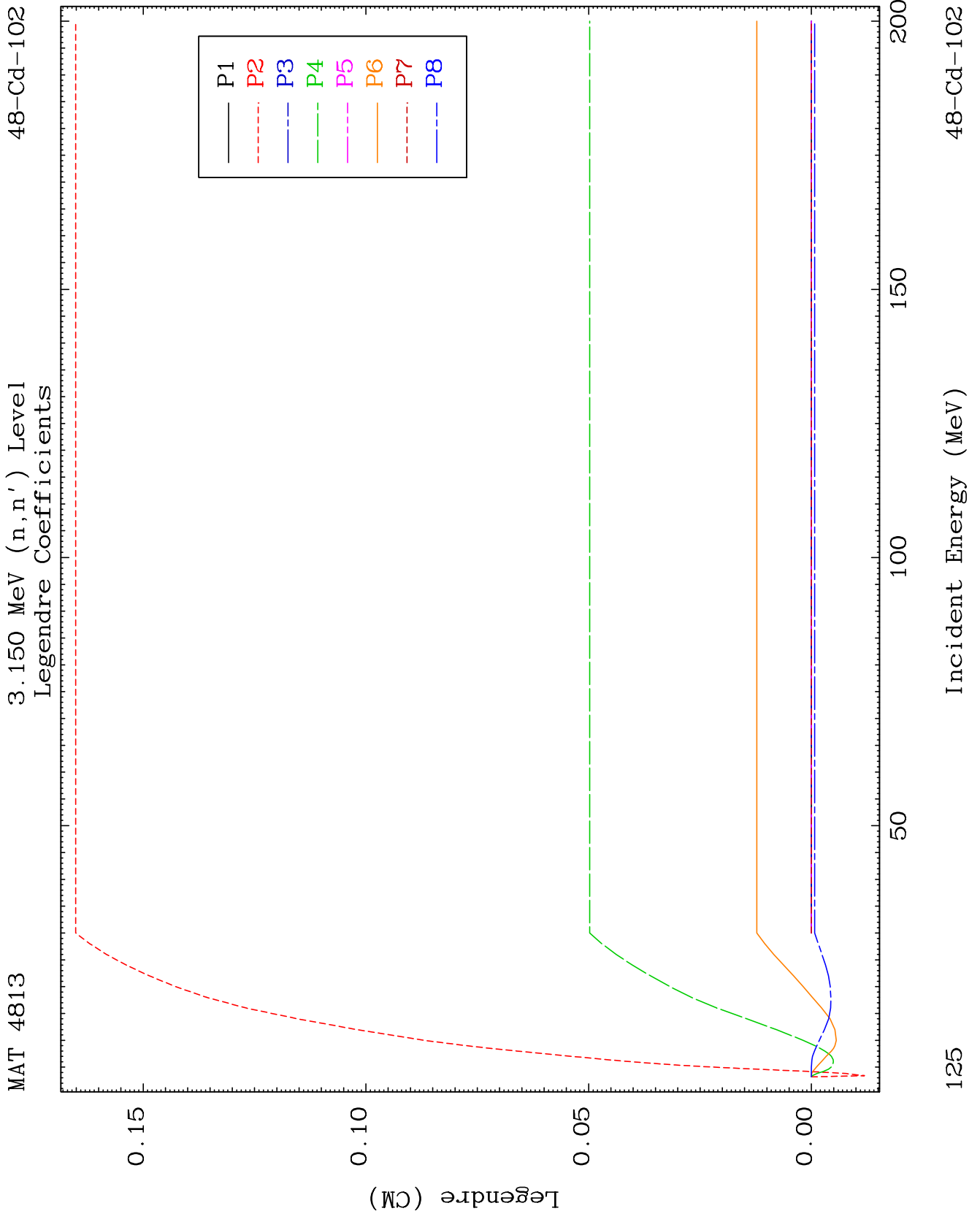
Incident Energy (MeV)

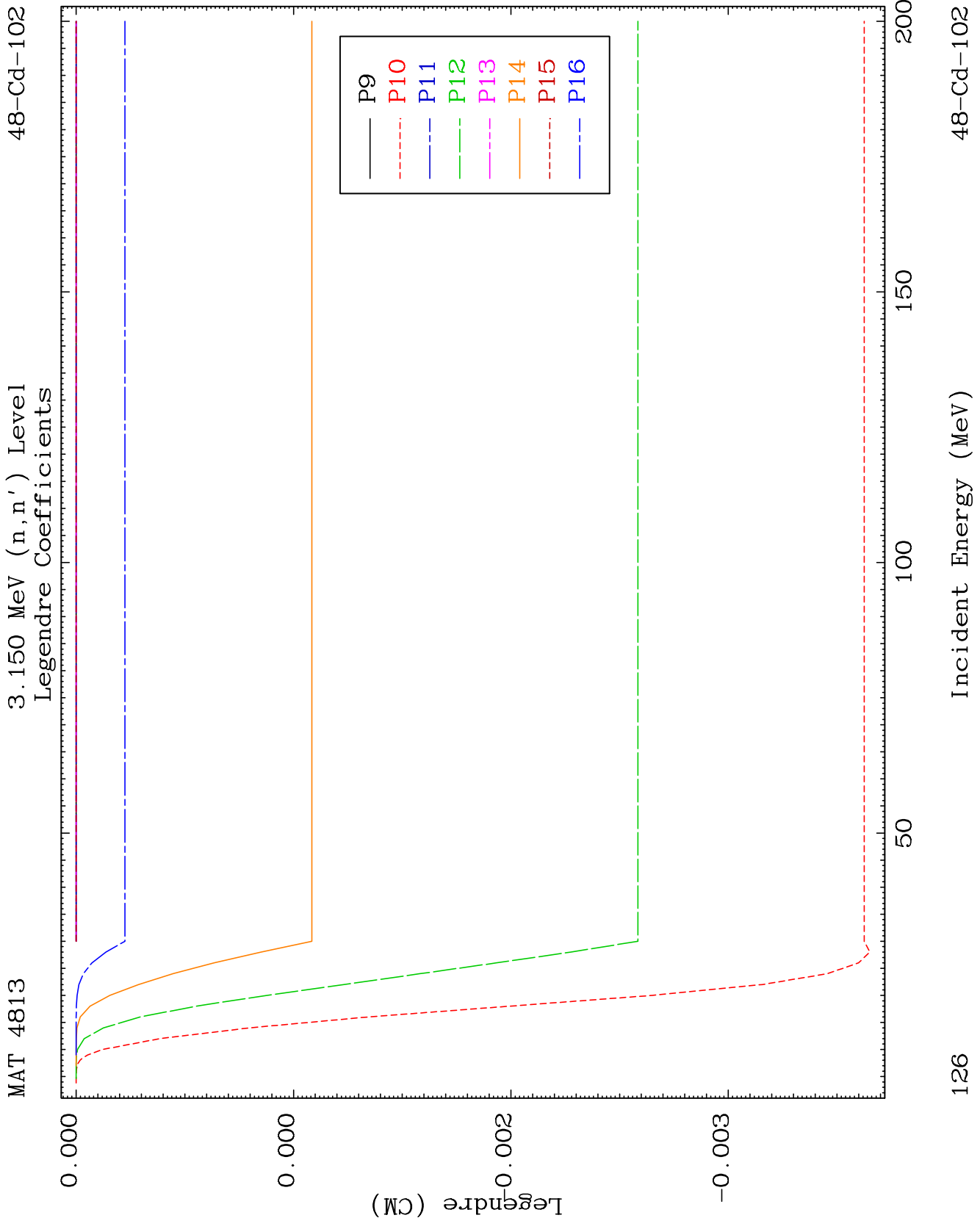
48-Cd-102

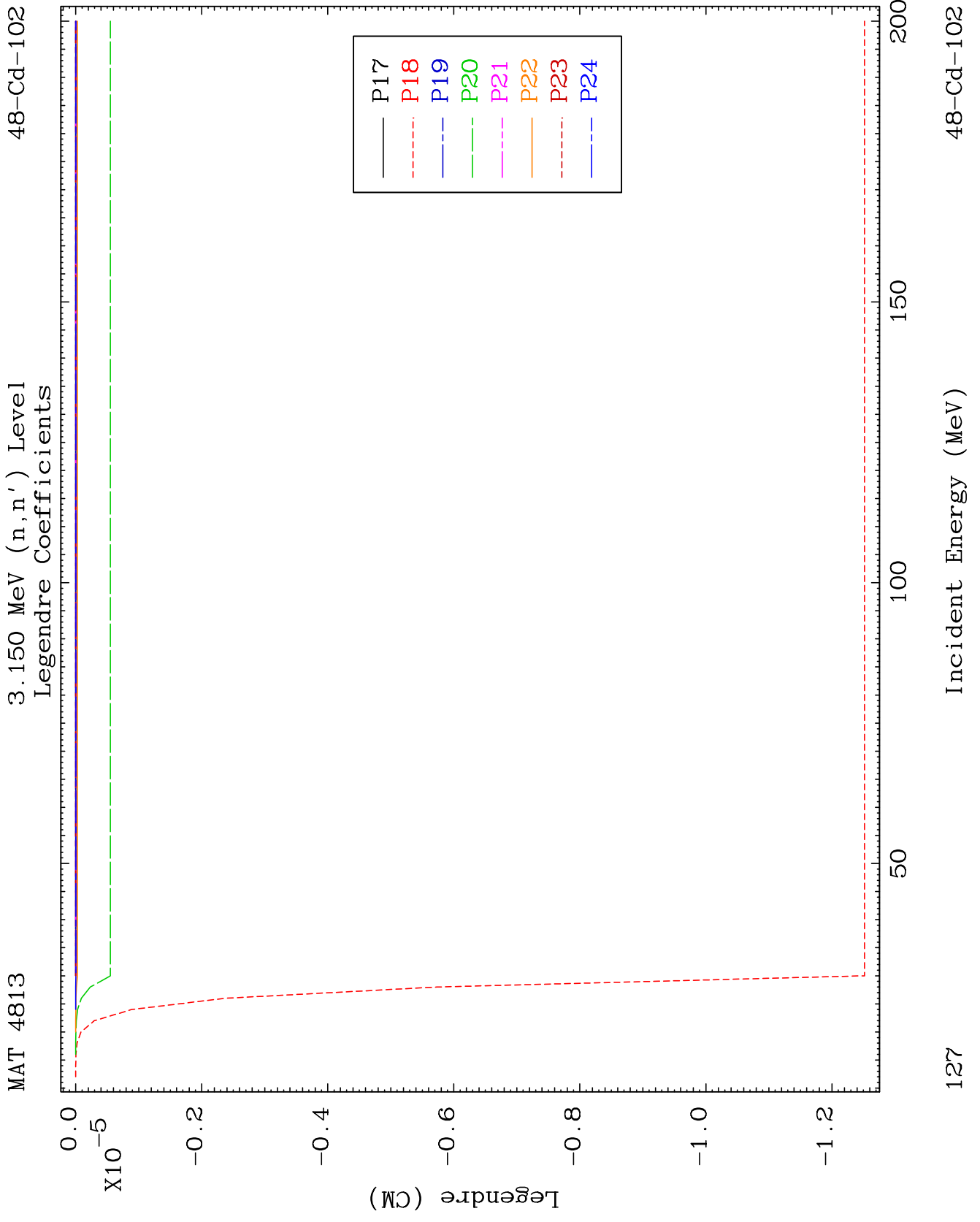










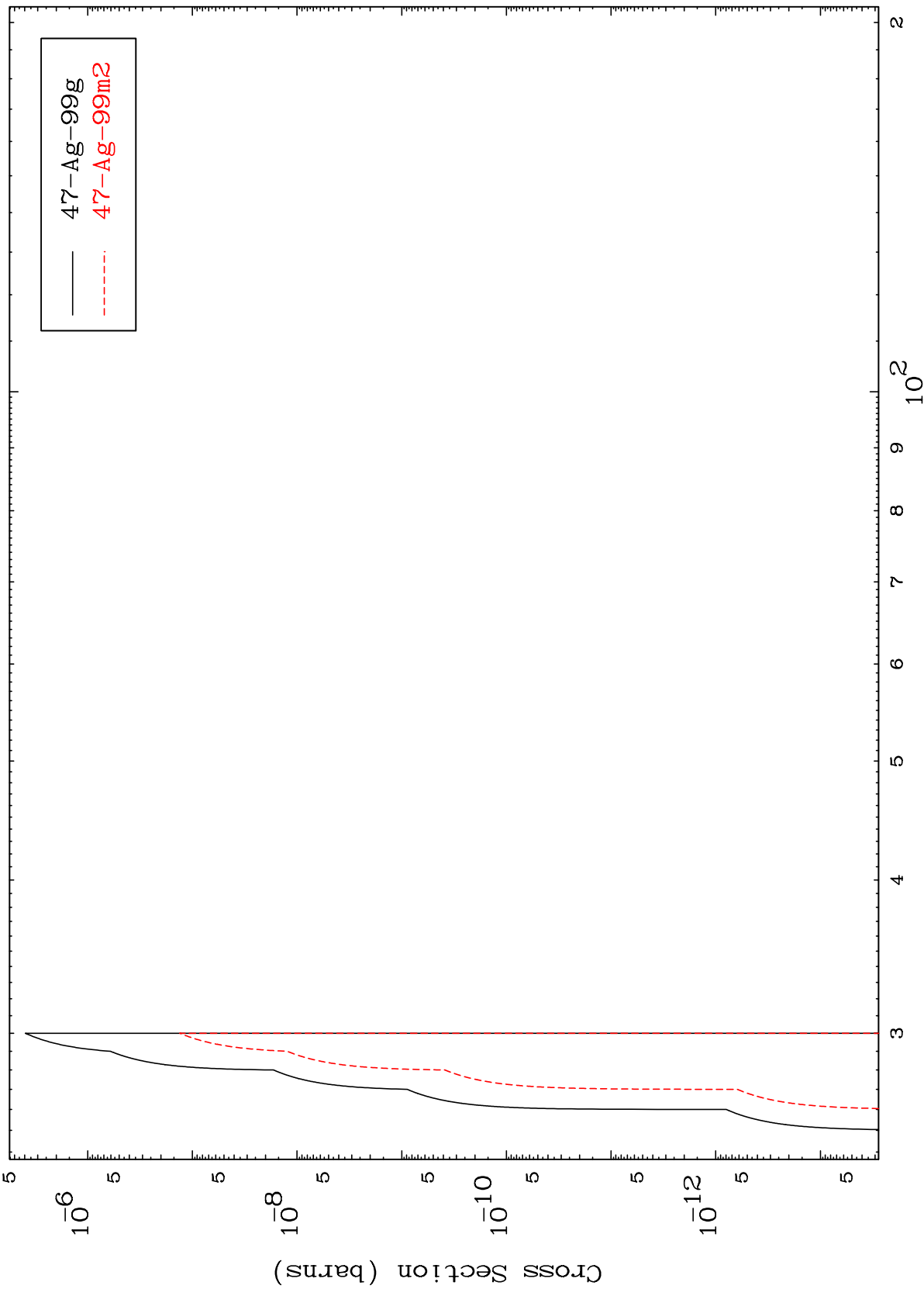


MAT 4813

(n,2n) d

48-Cd-102

Radionuclide Production Cross Section



47-Ag-99g
47-Ag-99m2

128

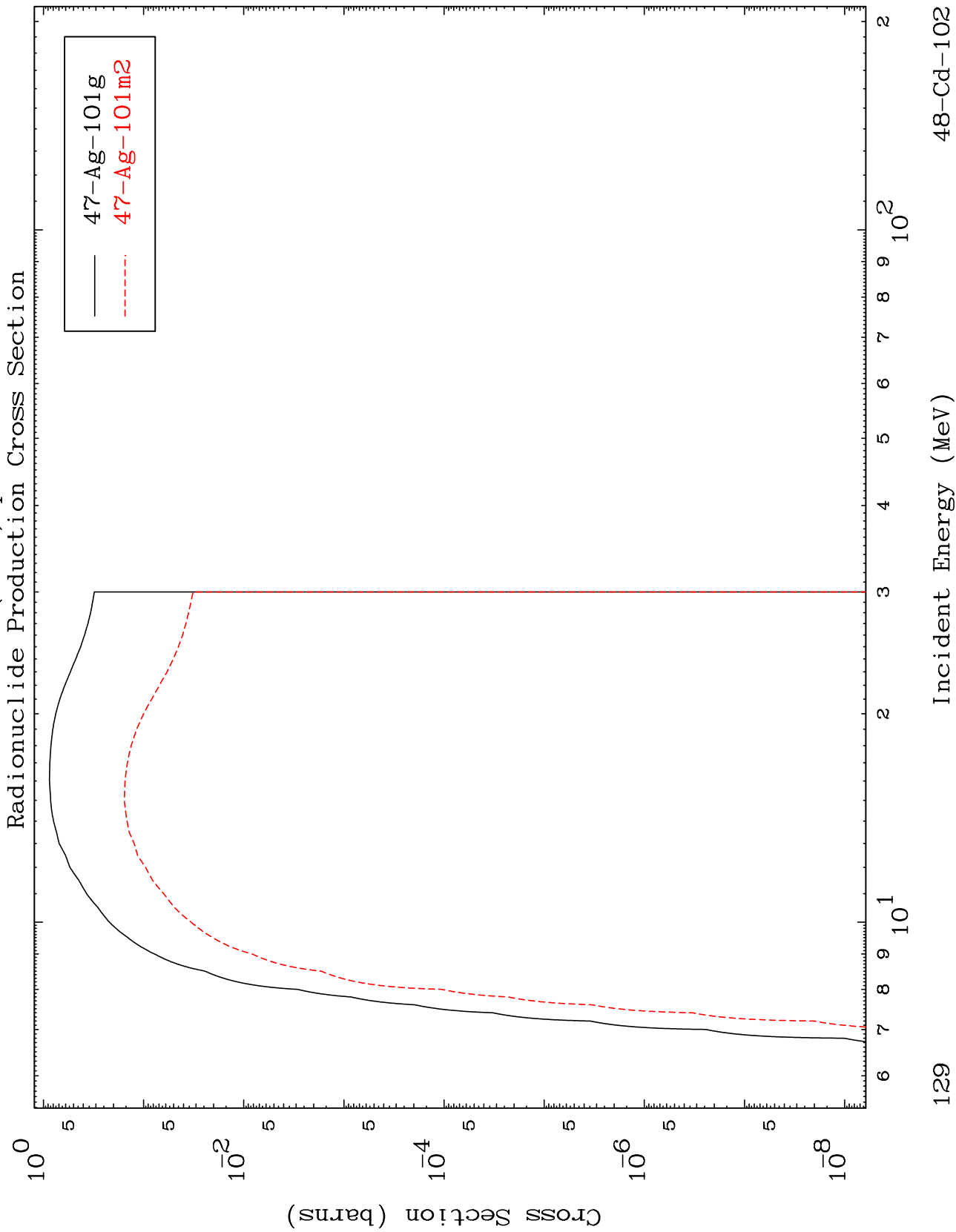
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') p

48-Cd-102



129

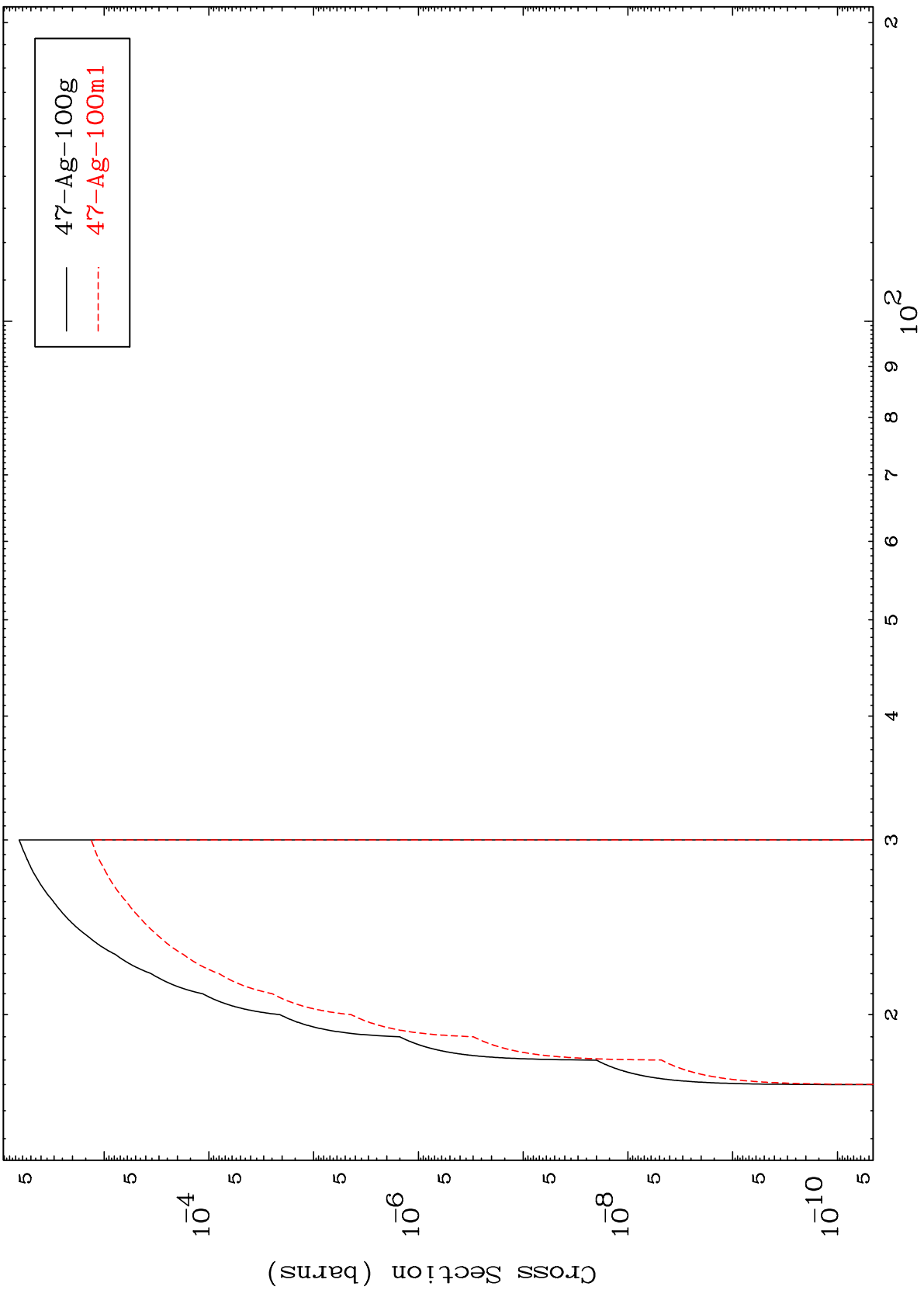
48-Cd-102

MAT 4813

(n,n') d

48-Cd-102

Radionuclide Production Cross Section



130

Incident Energy (MeV)

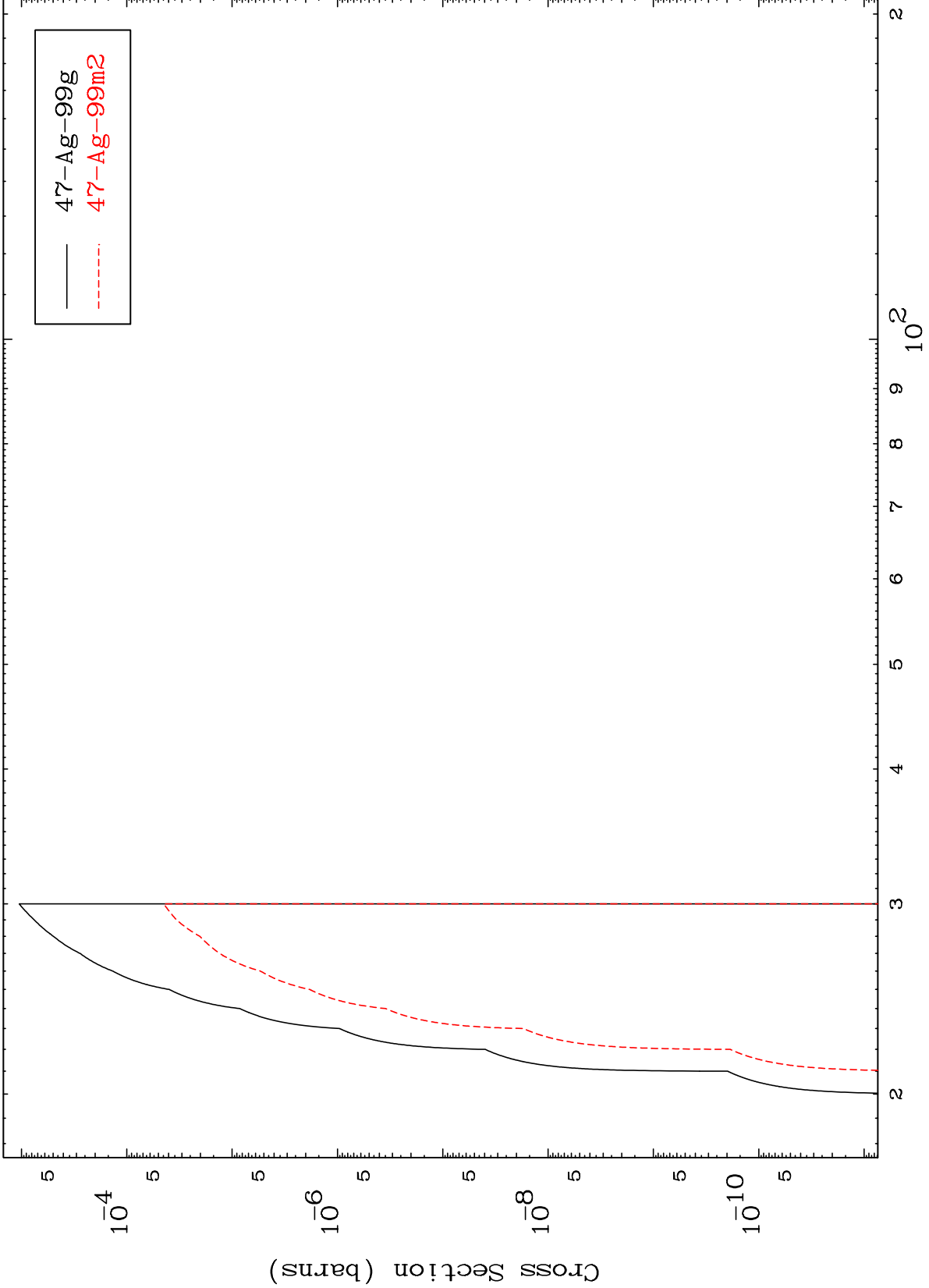
48-Cd-102

MAT 4813

(n,n') t

48-Cd-102

Radionuclide Production Cross Section



131

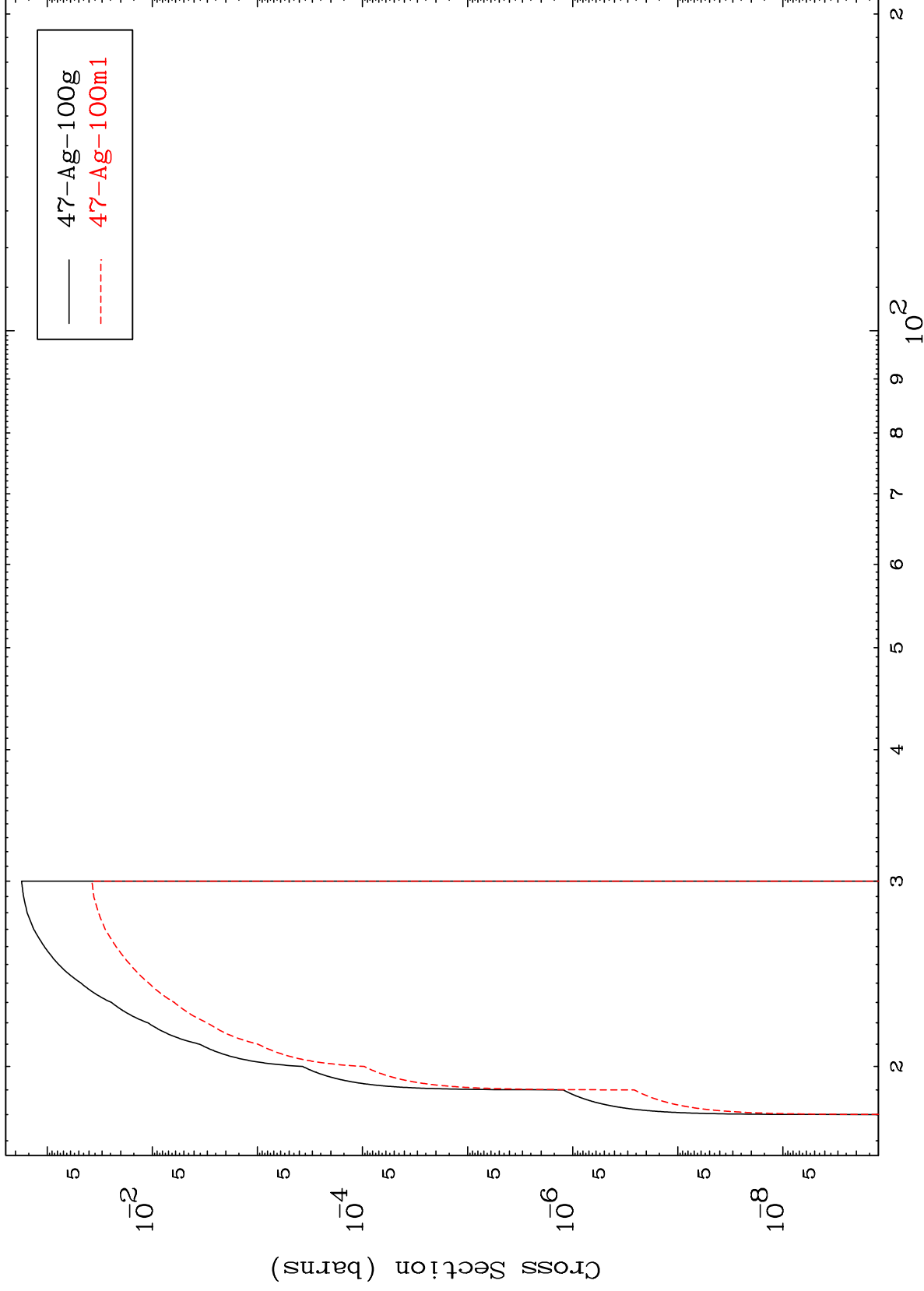
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,2n) p
Radionuclide Production Cross Section



132

Incident Energy (MeV)

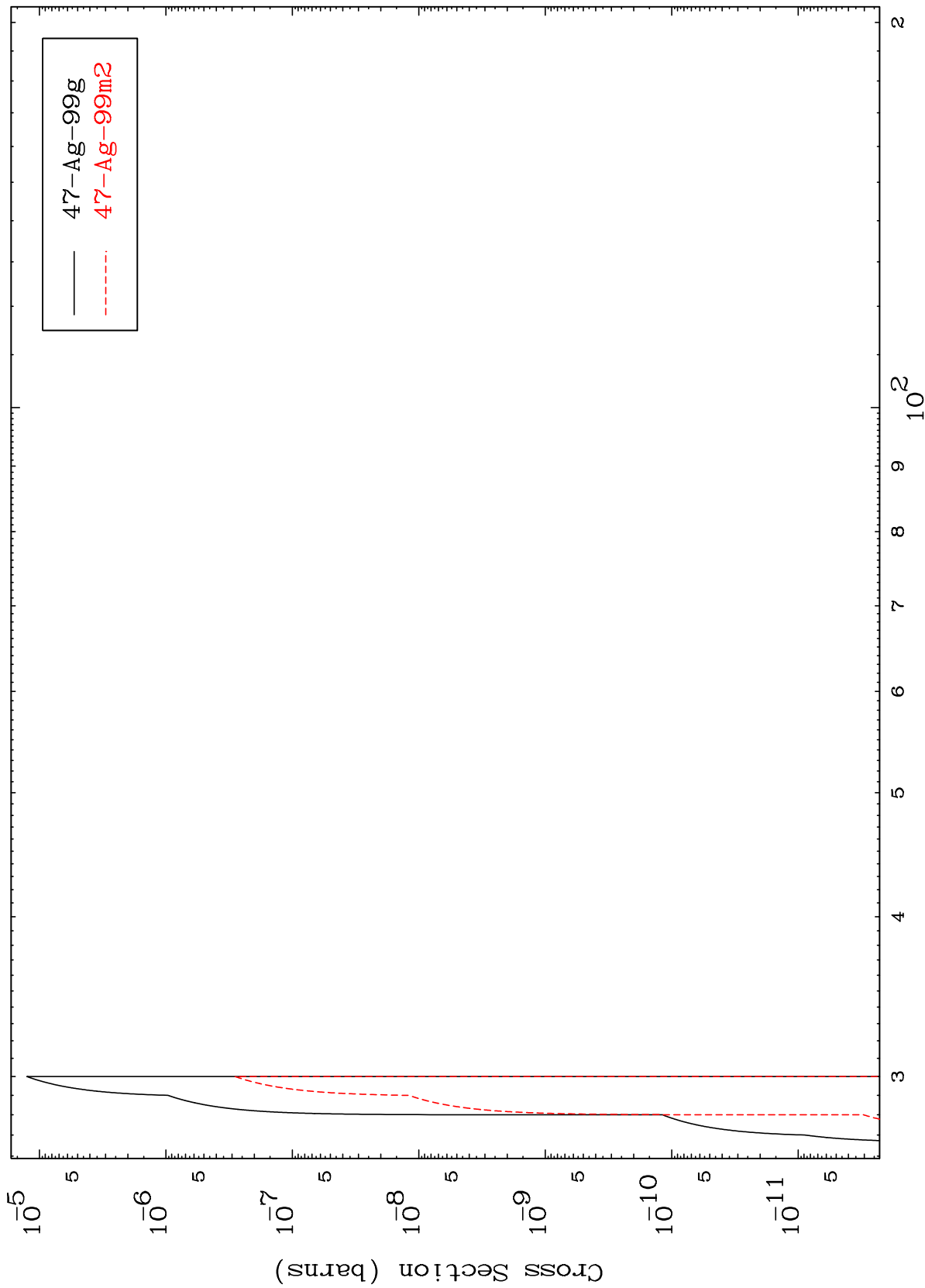
48-Cd-102

MAT 4813

48-Cd-102

(n,3n) p

Radionuclide Production Cross Section



133

Incident Energy (MeV)

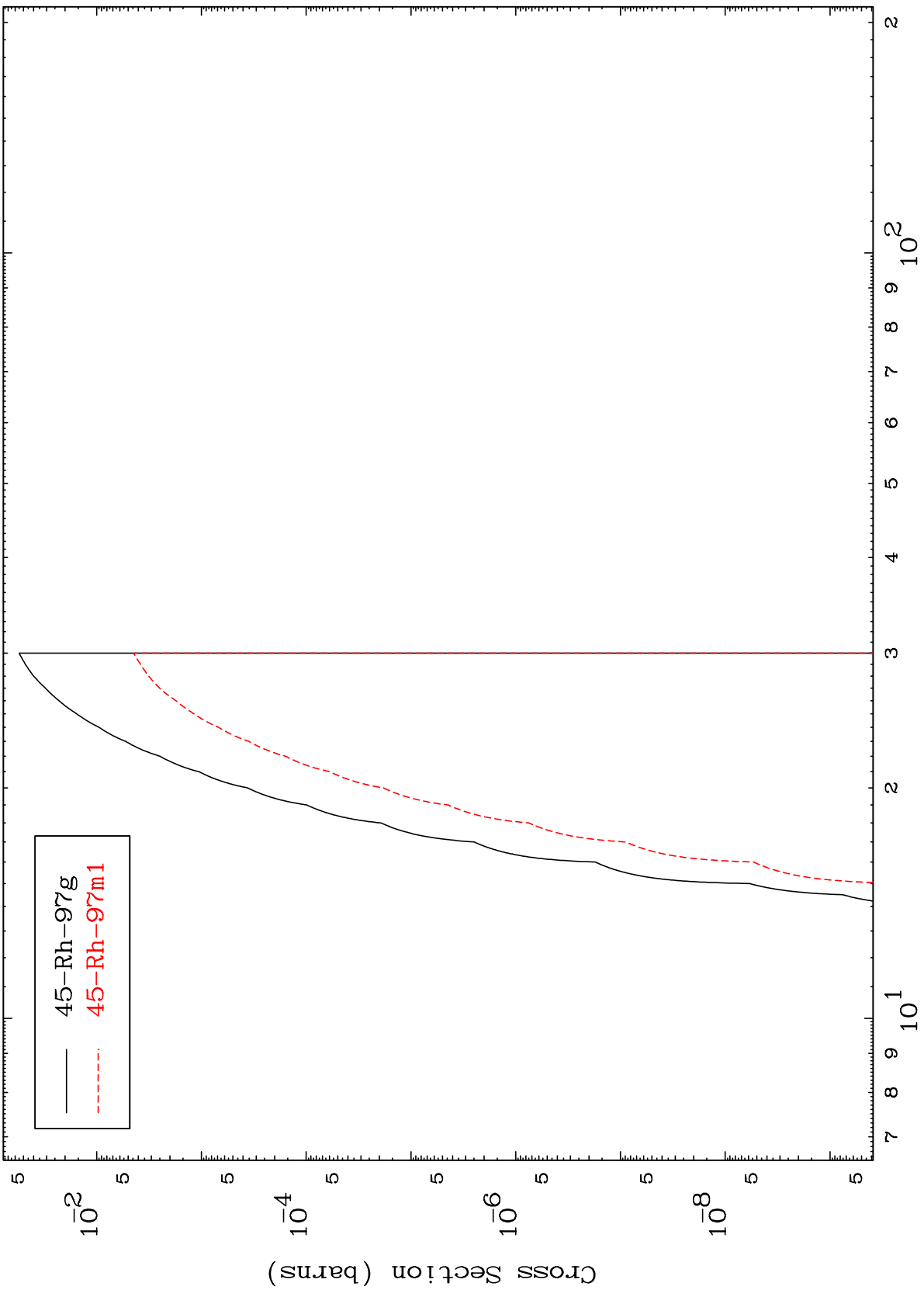
48-Cd-102

MAT 4813

(n,n') p α

48-Cd-102

Radionuclide Production Cross Section



134

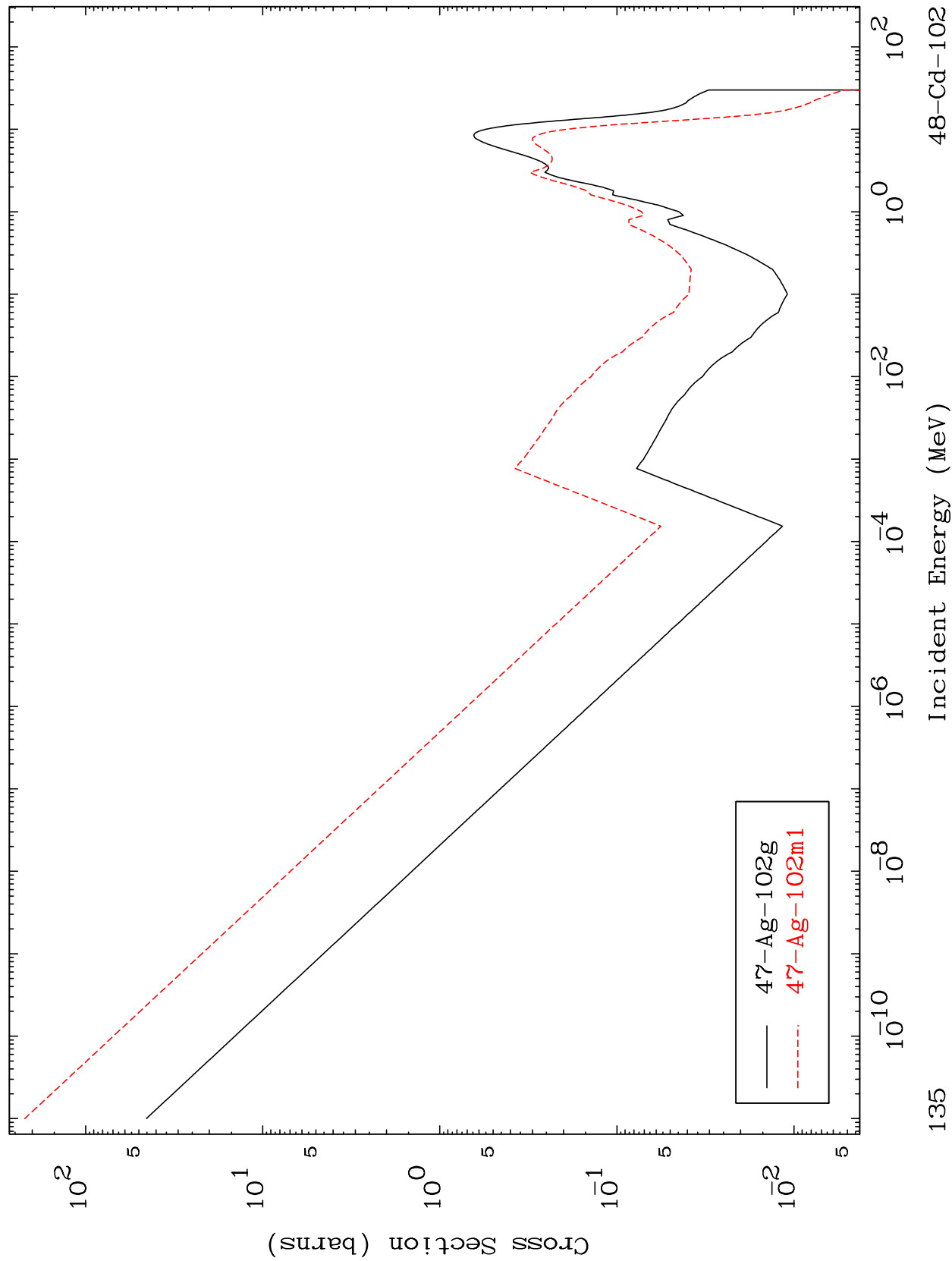
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,p)
Radionuclide Production Cross Section

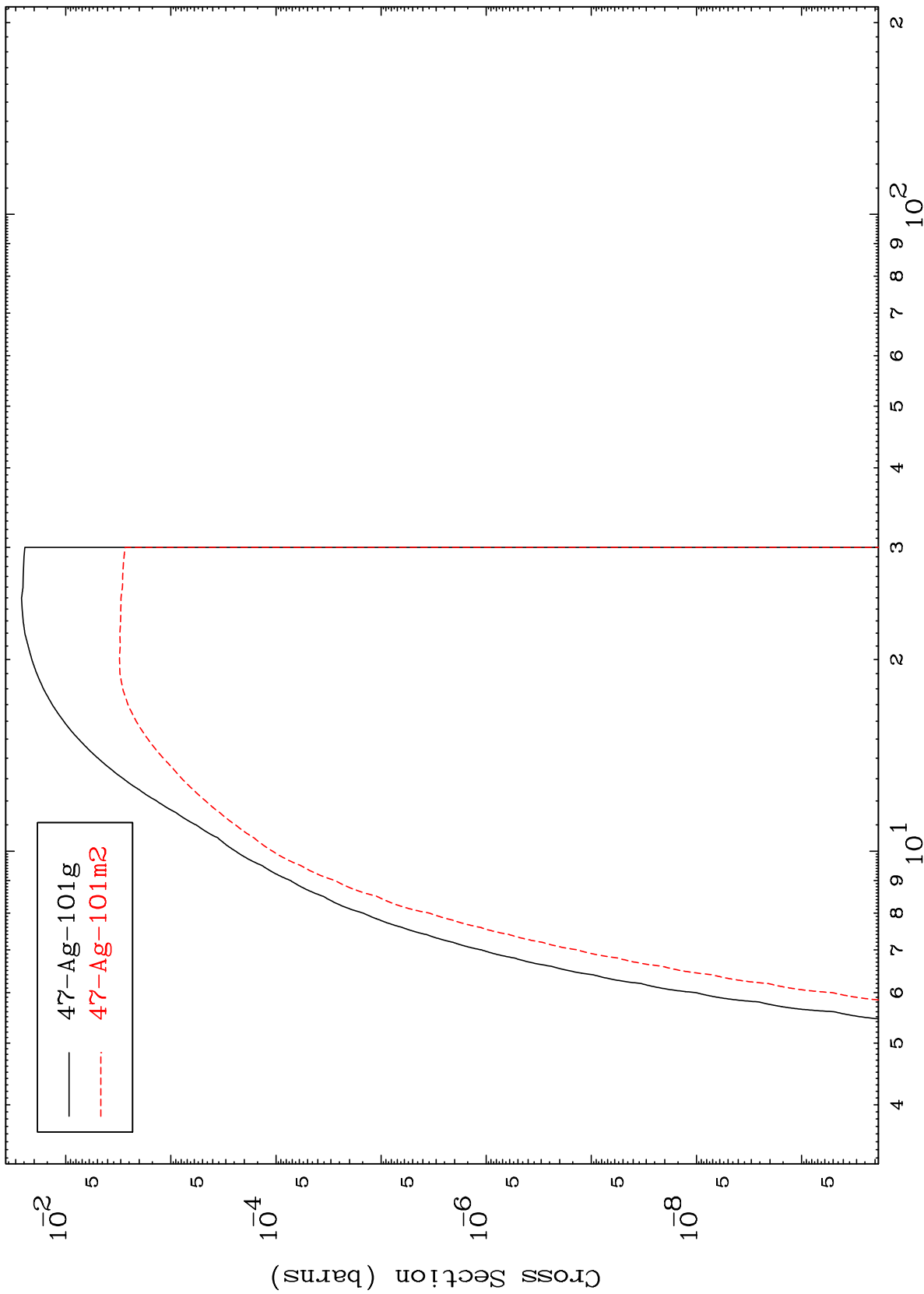


135

MAT 4813

48-Cd-102

(n,d)
Radionuclide Production Cross Section



136

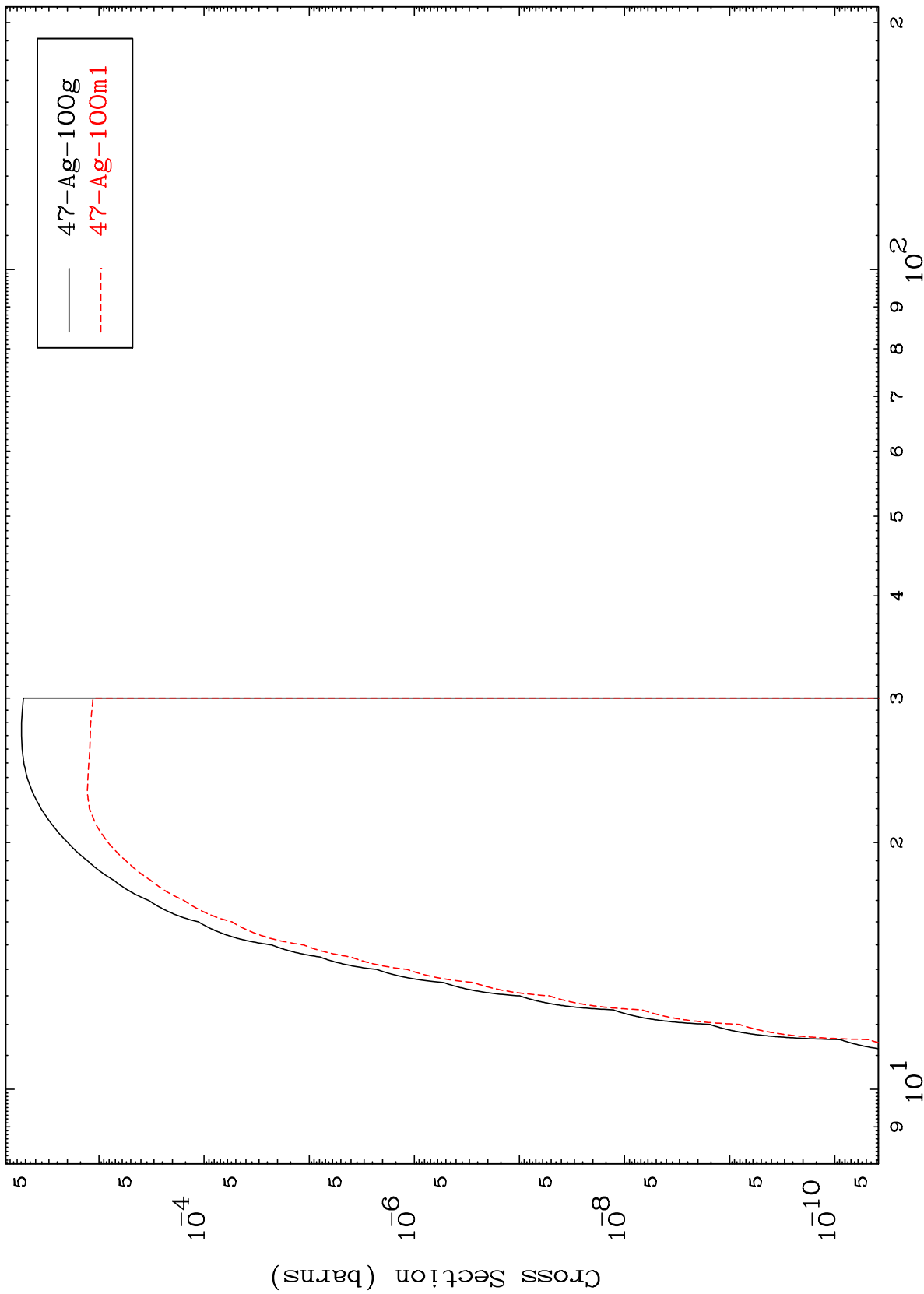
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

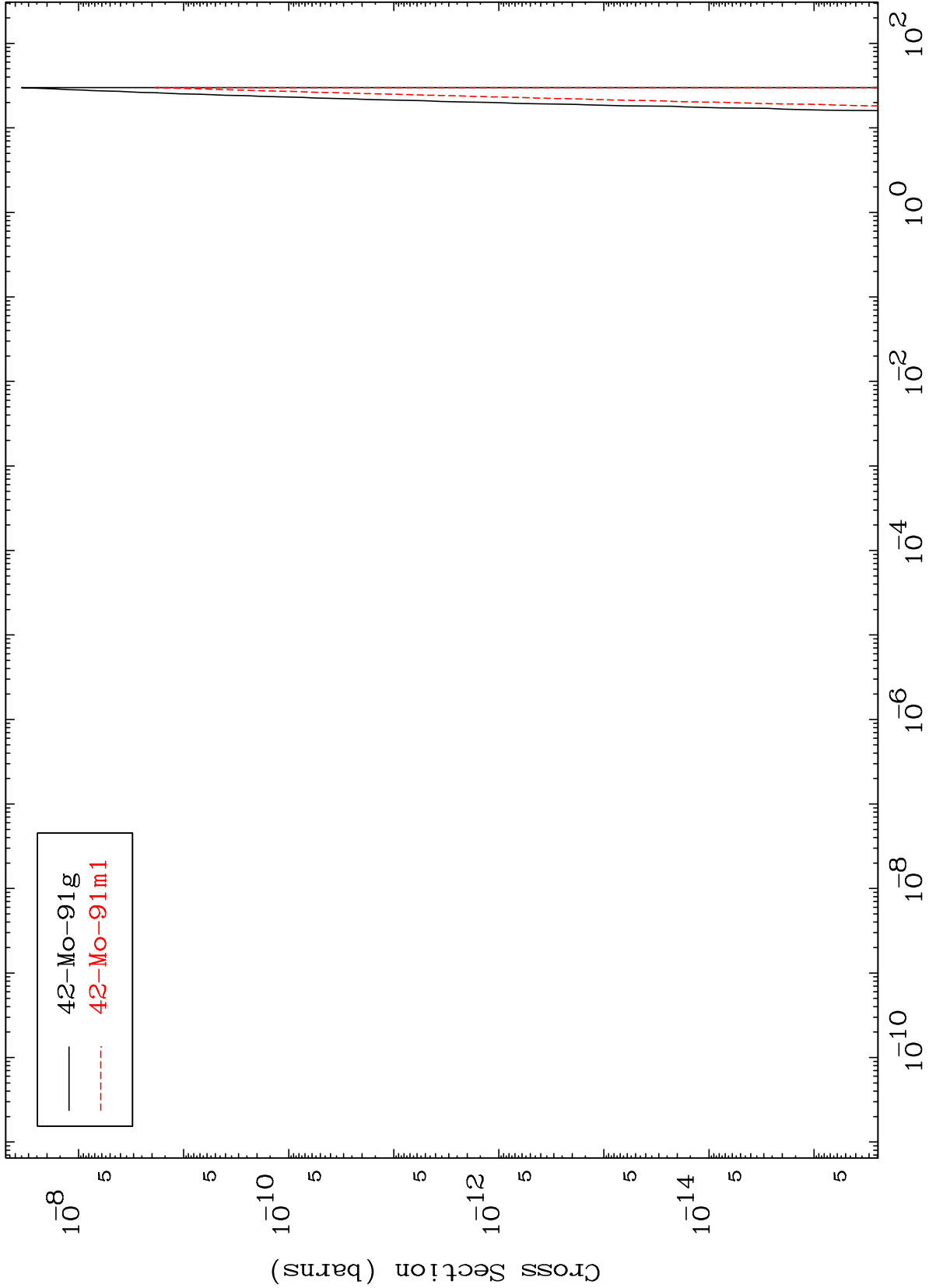
48-Cd-102

MAT 4813

(n,3α)

48-Cd-102

Radionuclide Production Cross Section

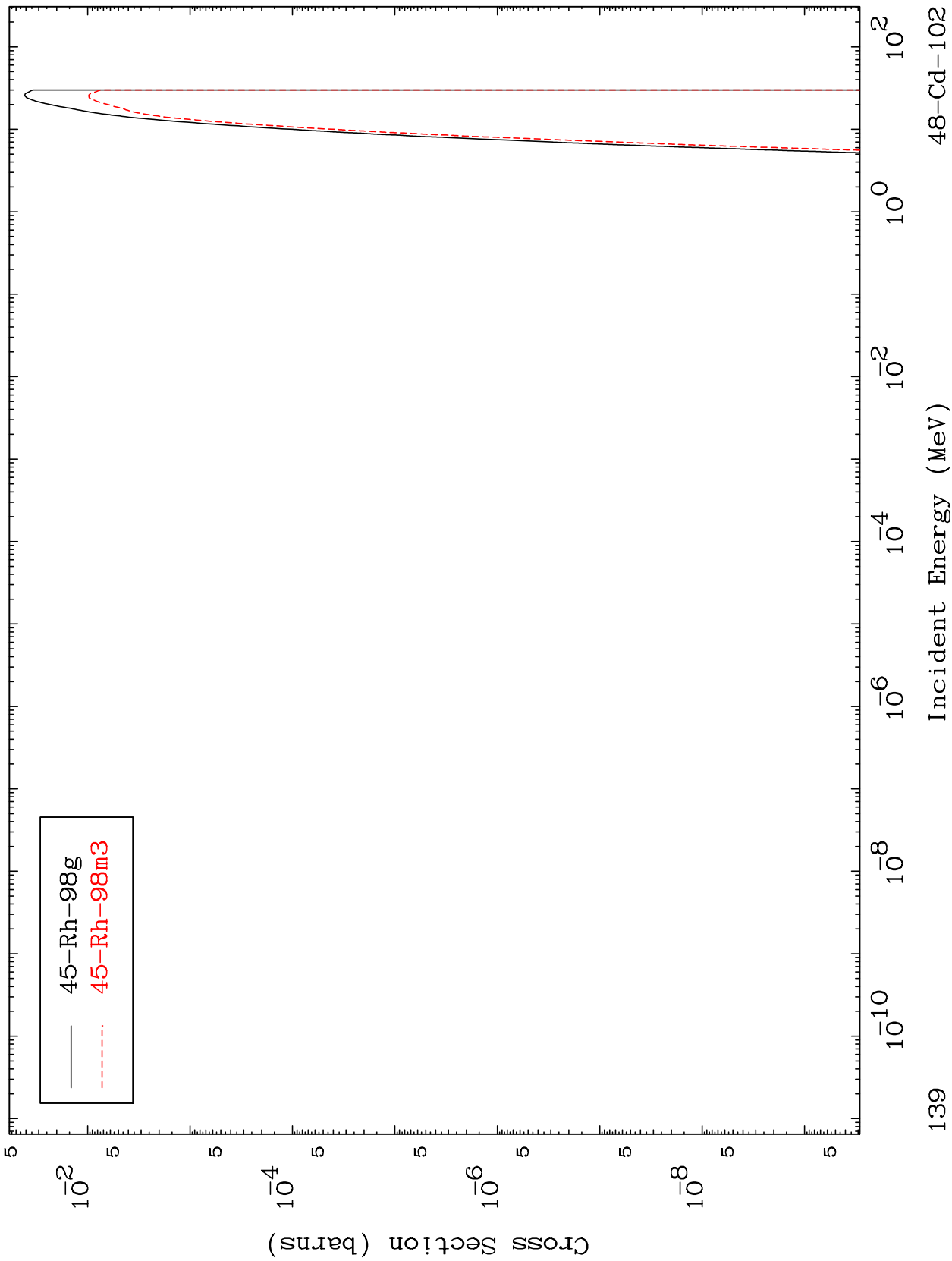


MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section



139

Incident Energy (MeV)

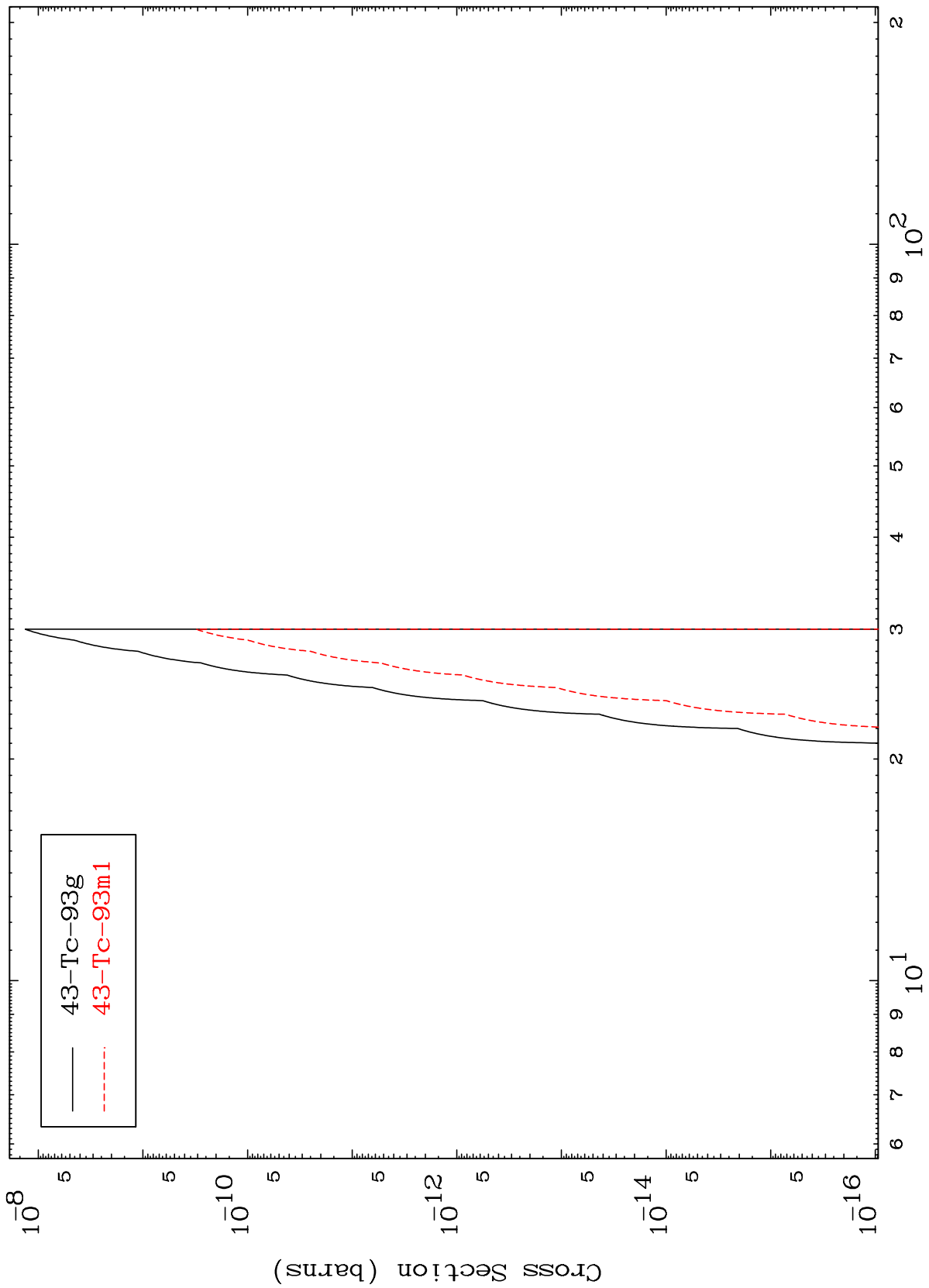
48-Cd-102

MAT 4813

(n,d) 2 α

48-Cd-102

Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

140

Incident Energy (MeV)

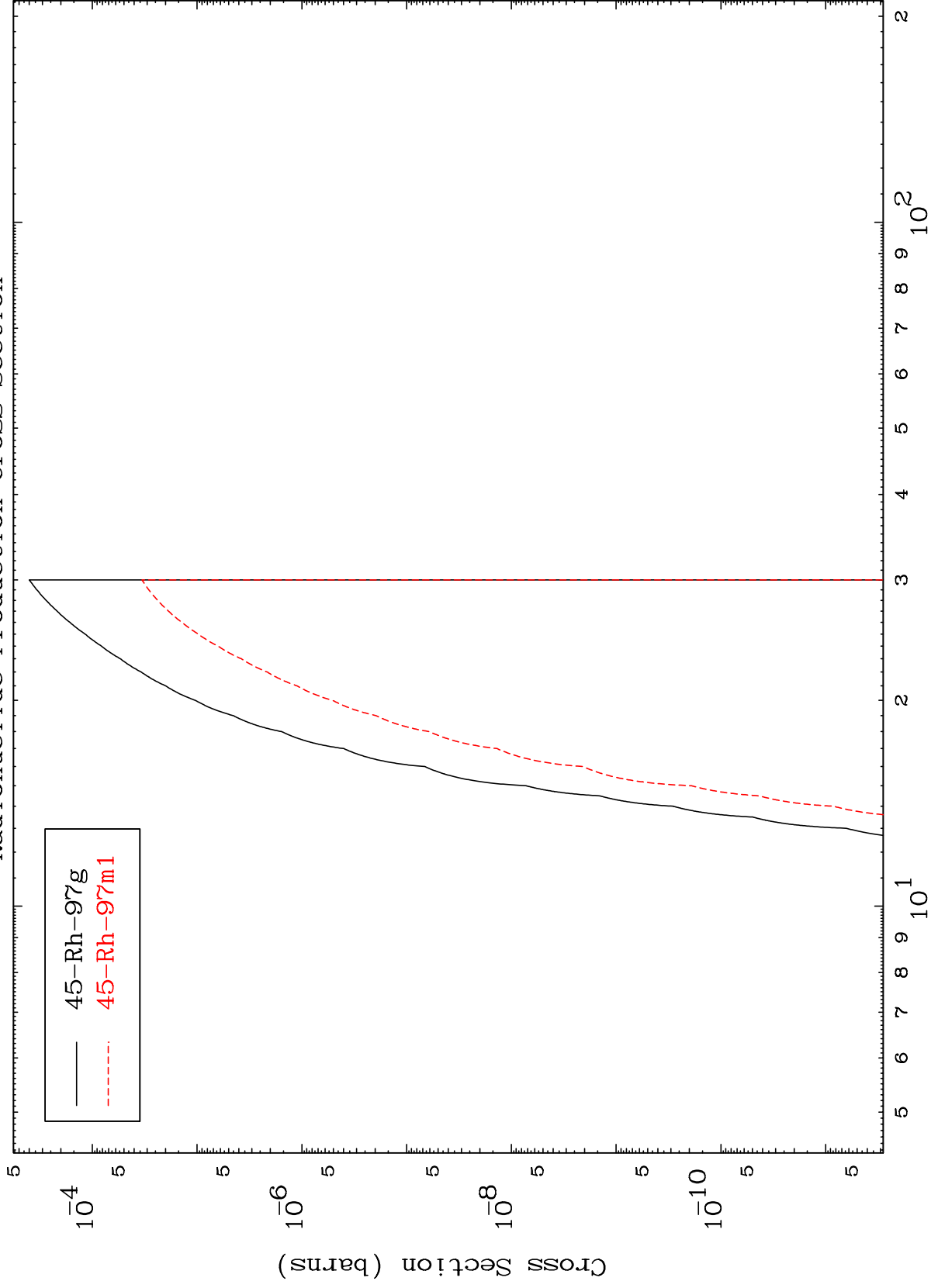
48-Cd-102

MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



45-Rh-97g
45-Rh-97m1