

Program EVALPLOT
(Version 2021-1)

by

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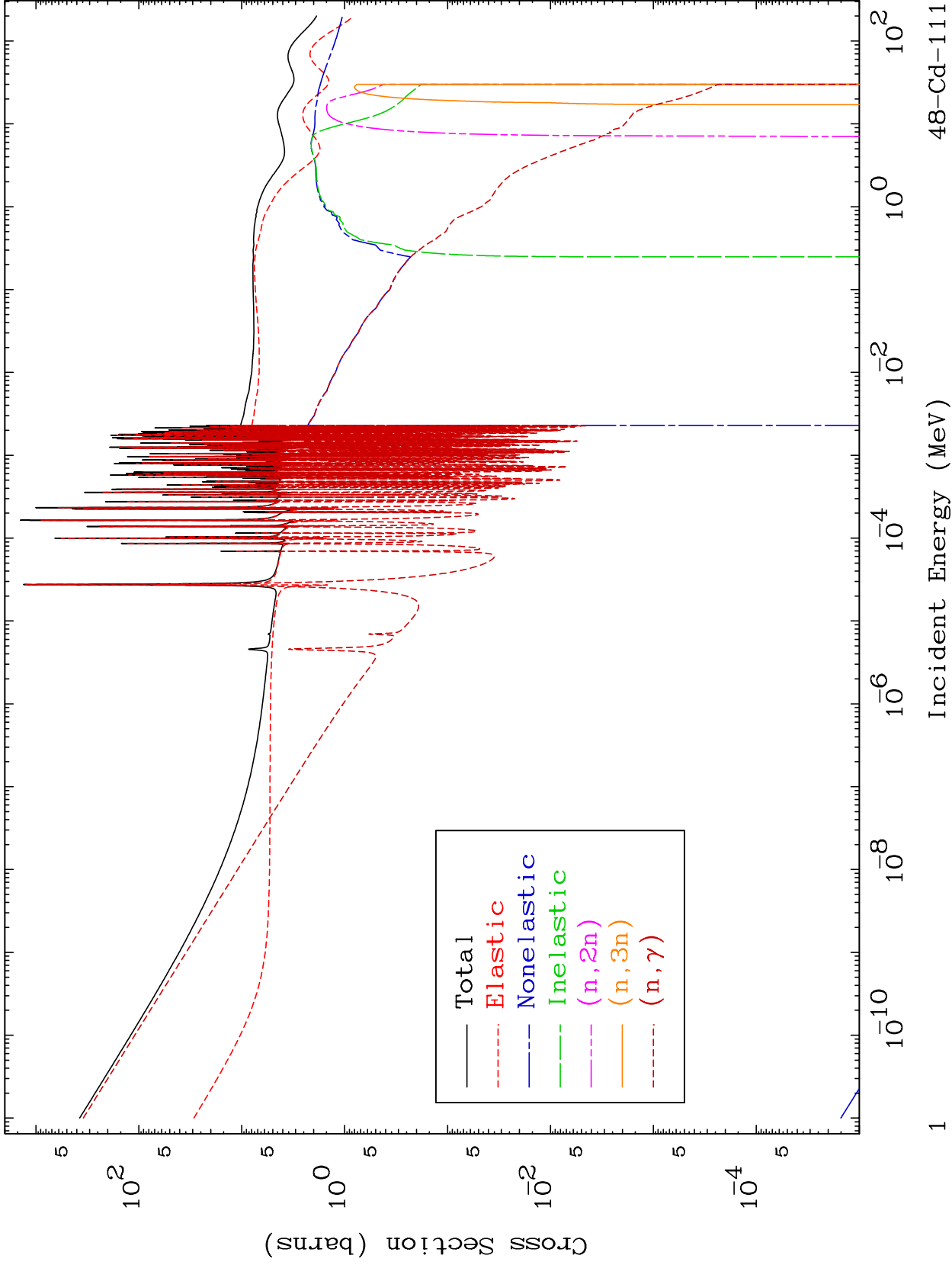
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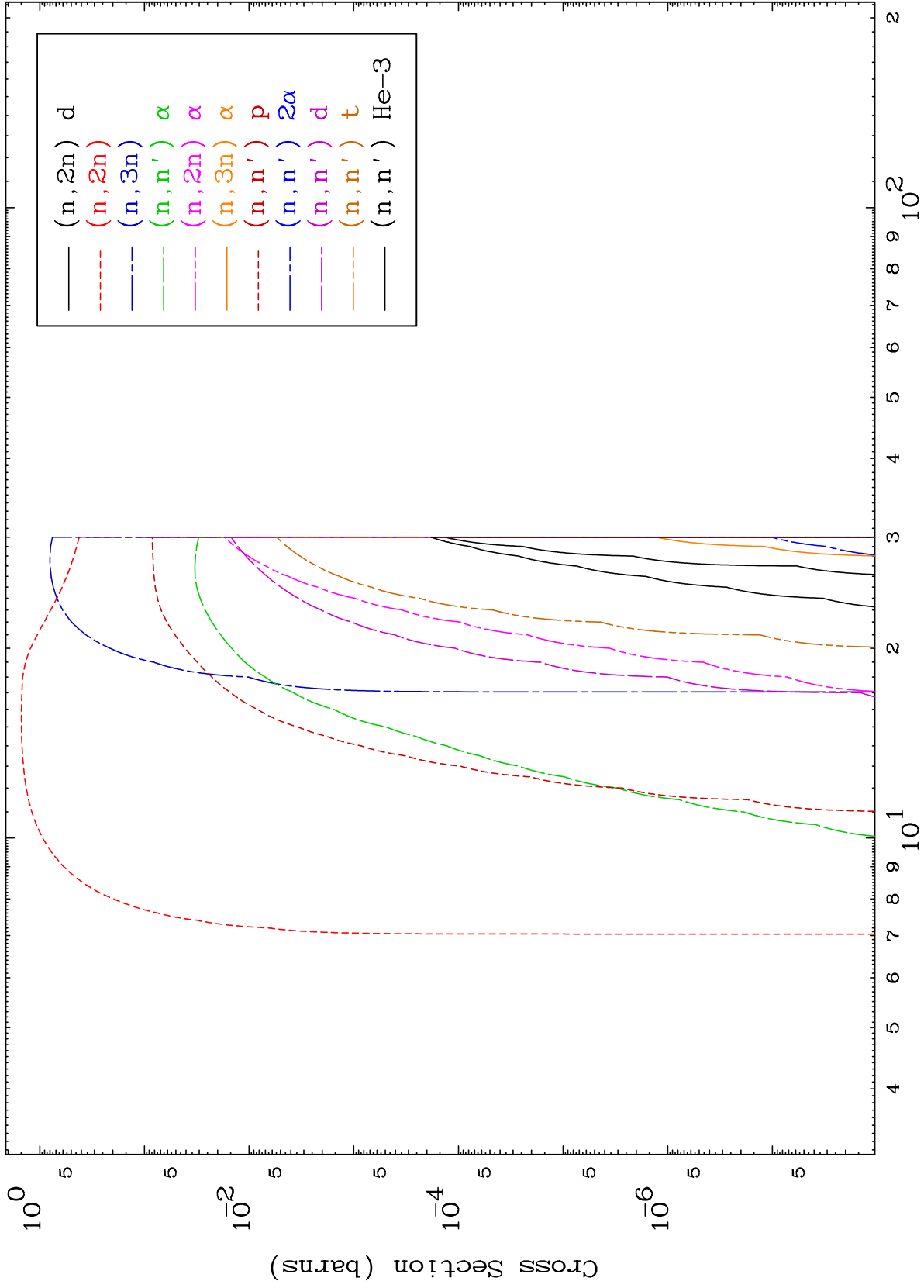
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MAT 4840

Neutron Major
293 Kelvin Cross Sections

48-Cd-111

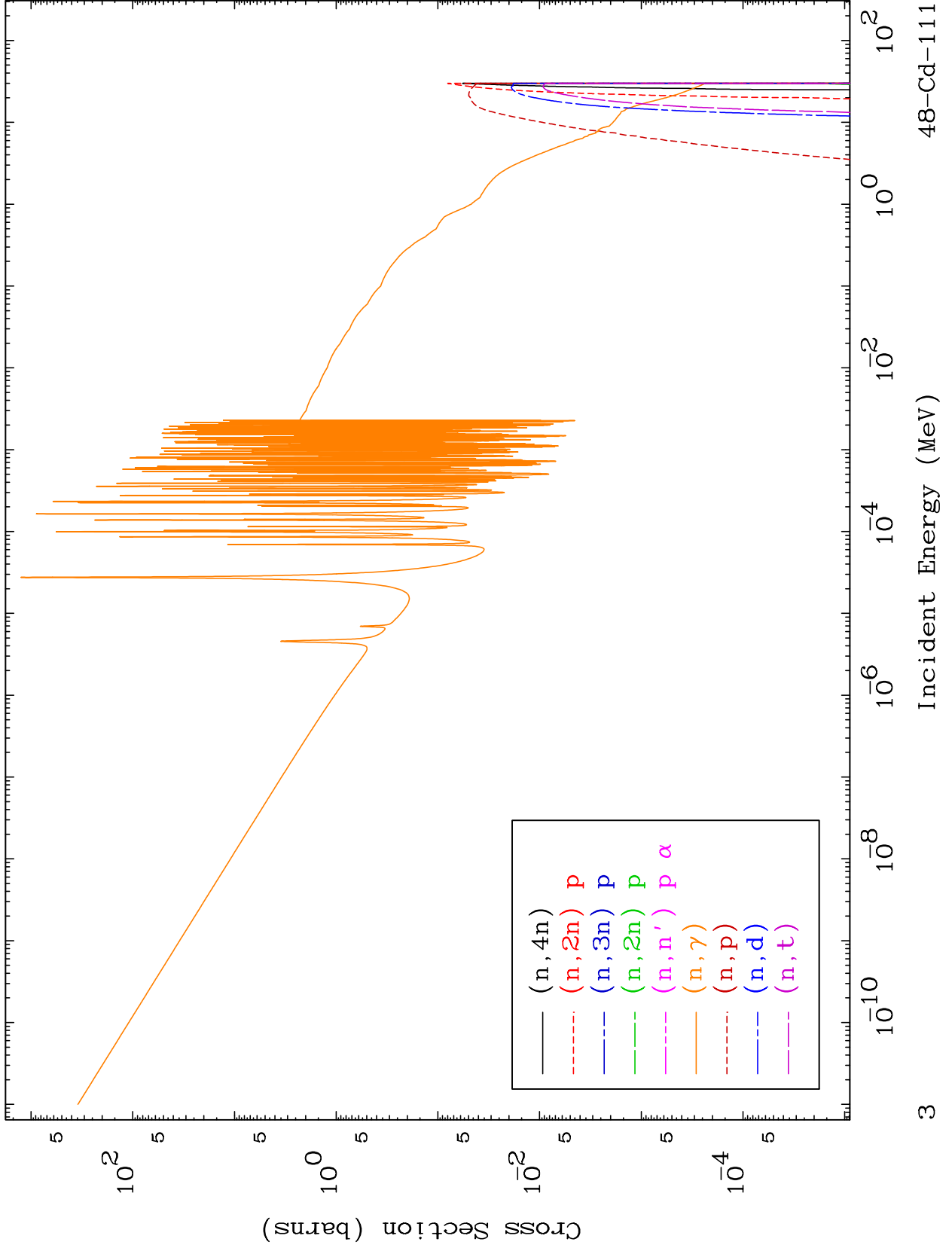




MAT 4840

Neutron Absorption
293 Kelvin Cross Sections

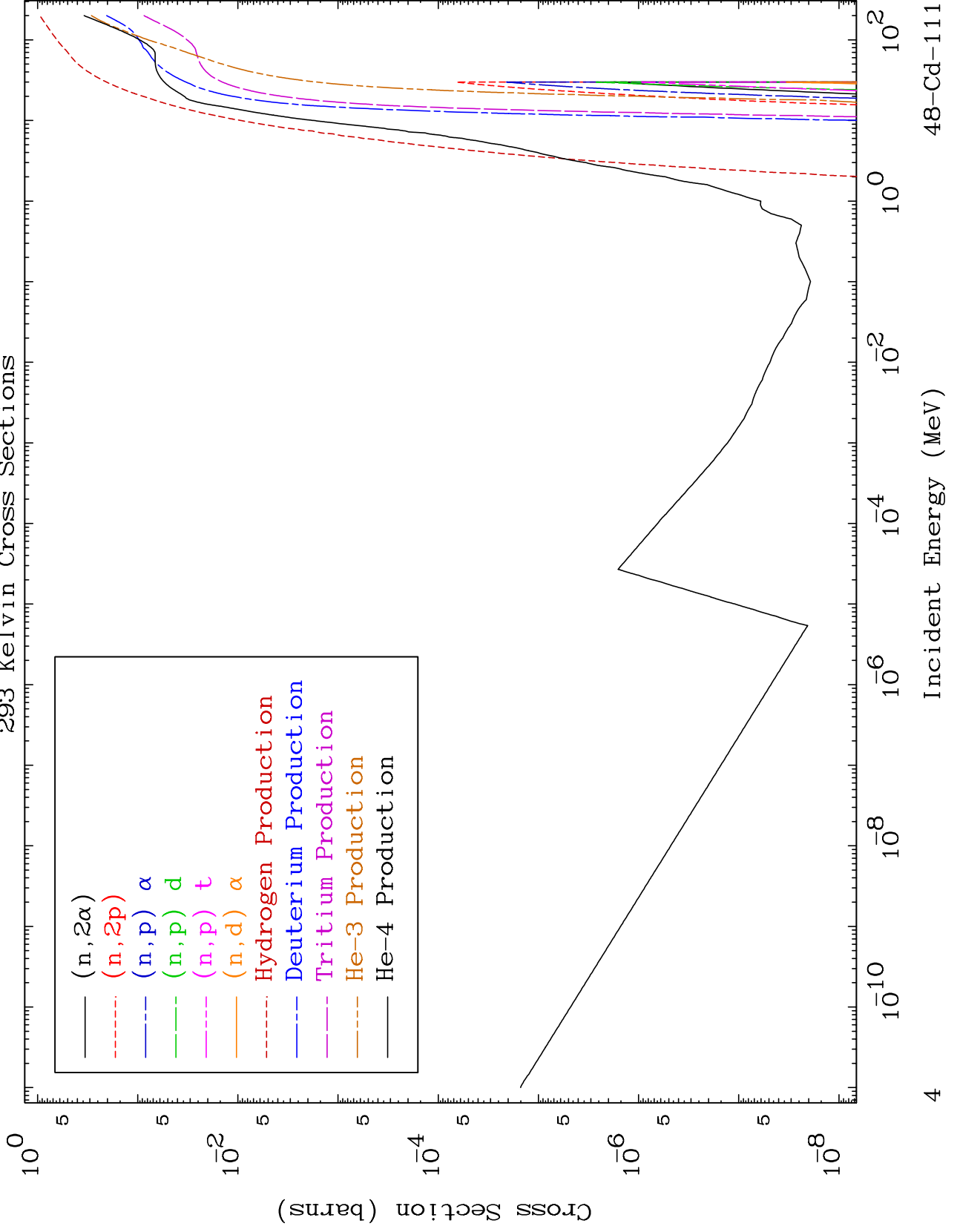
48-Cd-111



MAT 4840

Neutron Absorption
293 Kelvin Cross Sections

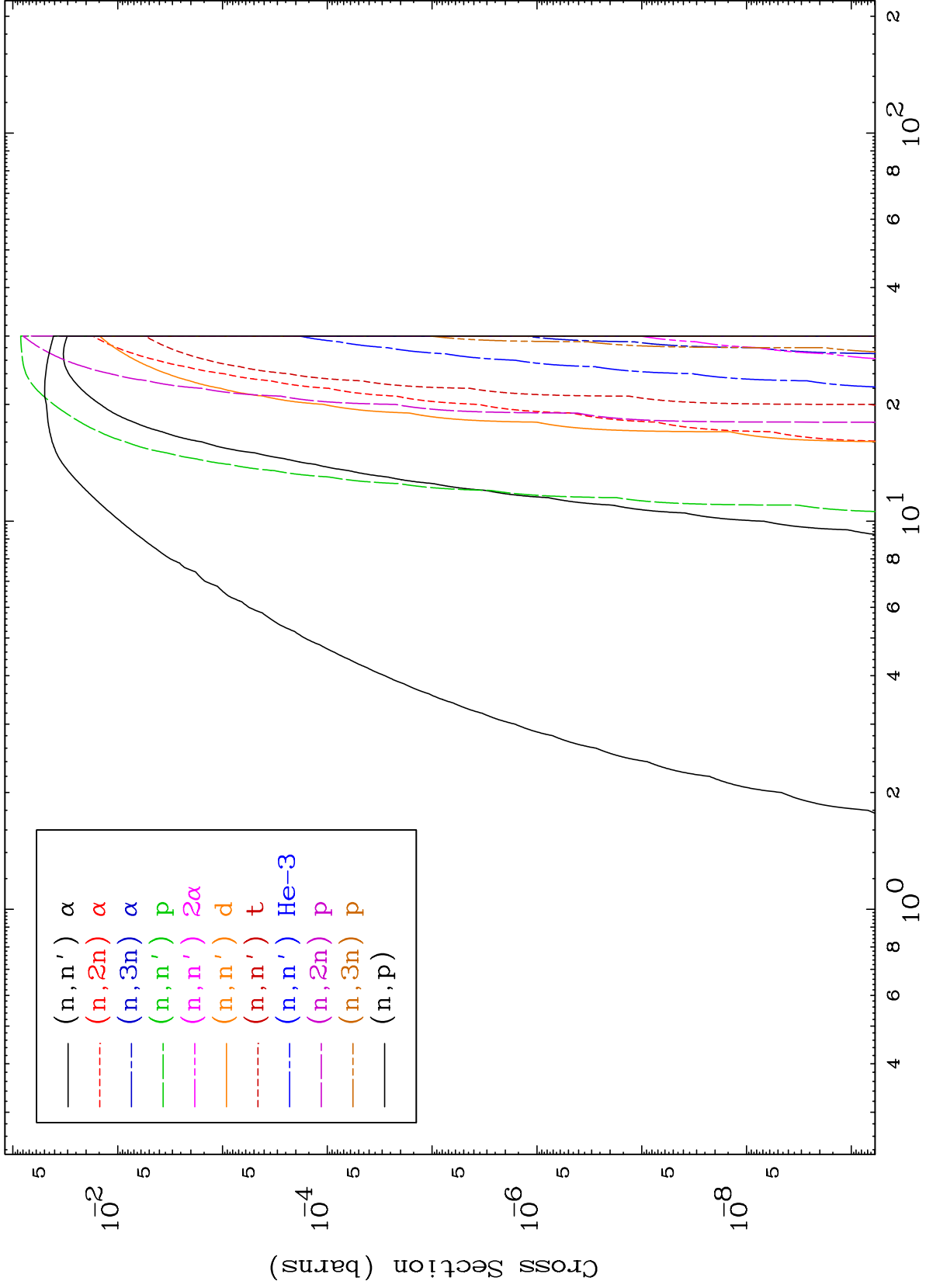
48-Cd-111

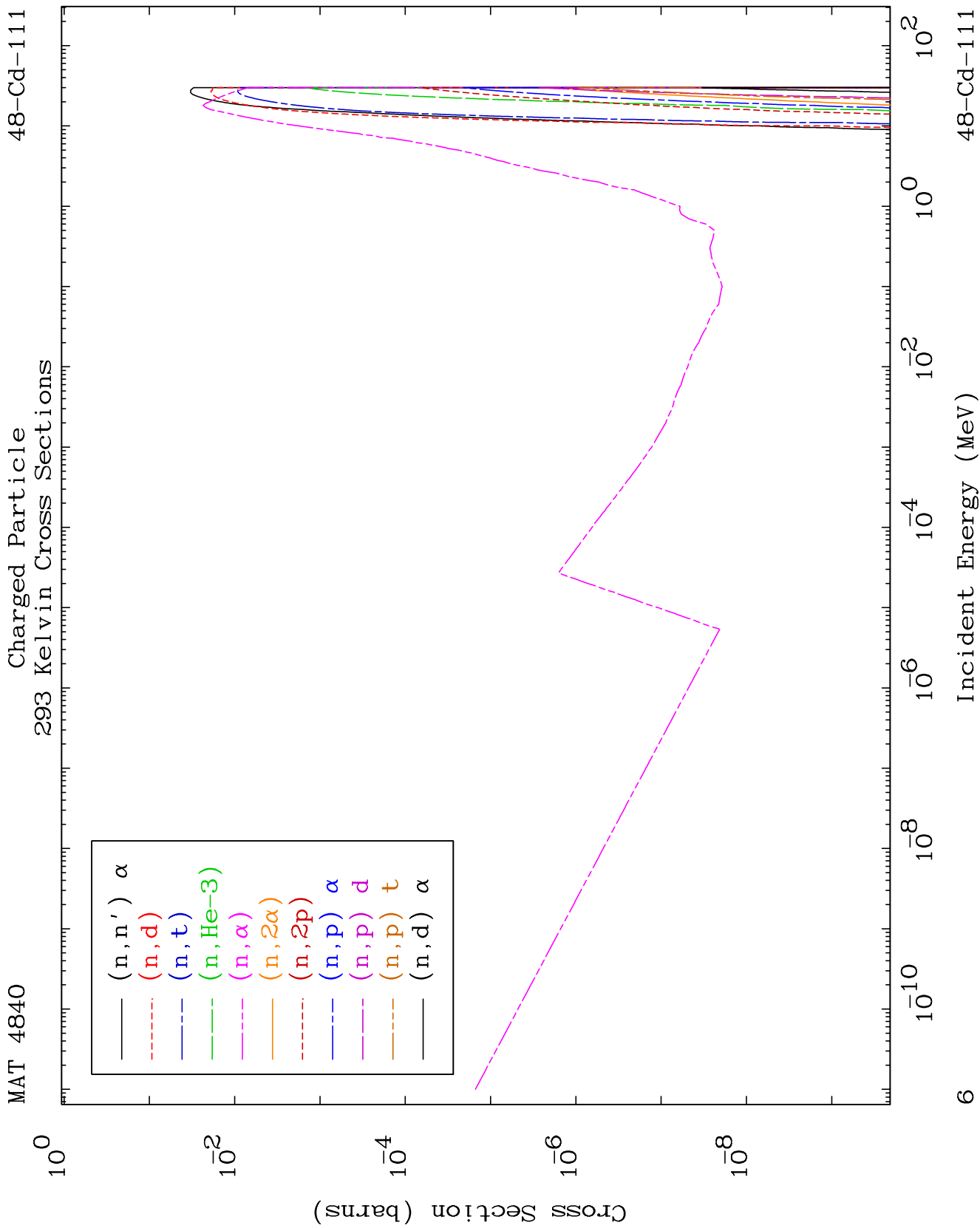


MAT 4840

Charged Particle
293 Kelvin Cross Sections

48-Cd-111

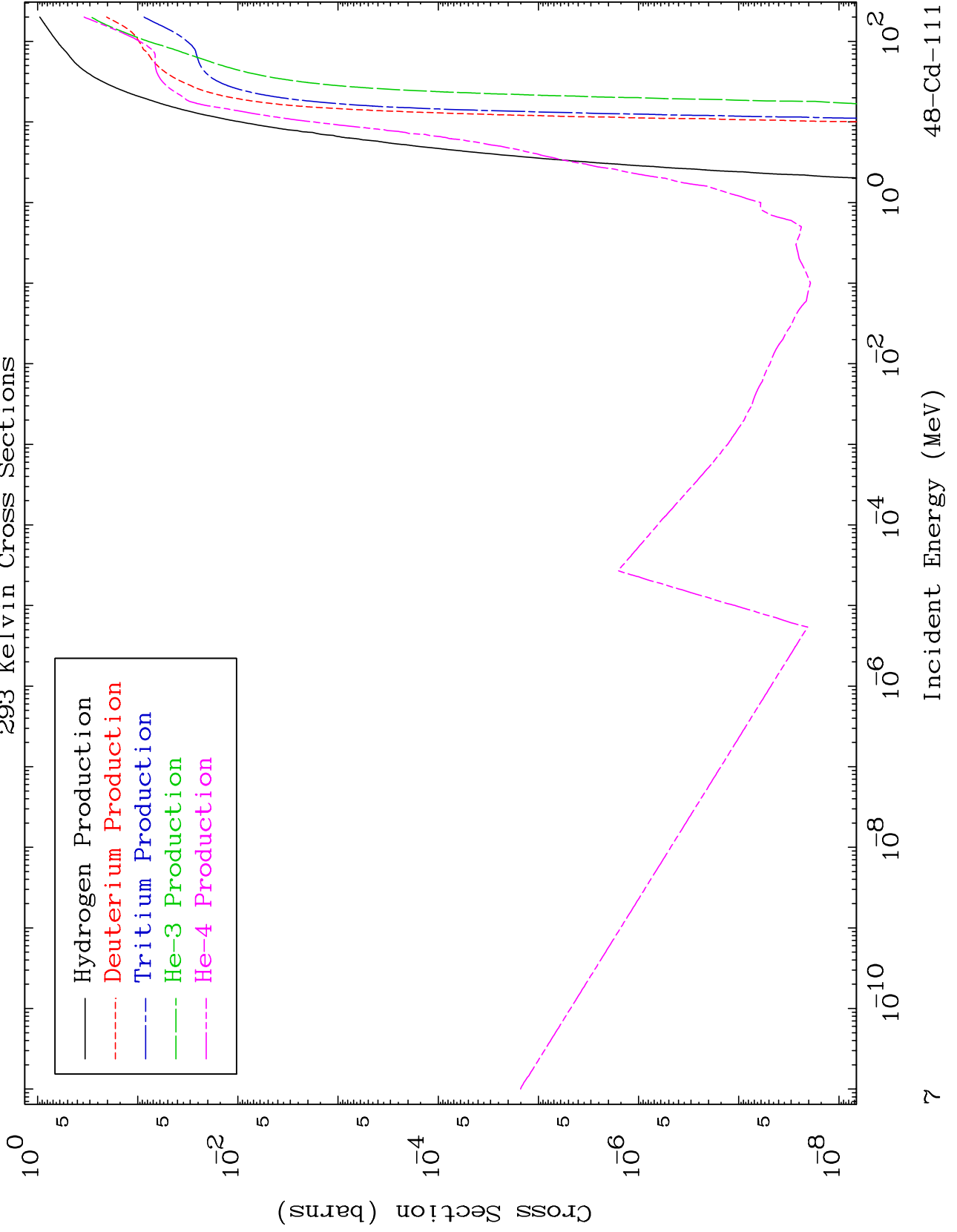




MAT 4840

Particle Production
293 Kelvin Cross Sections

48-Cd-111

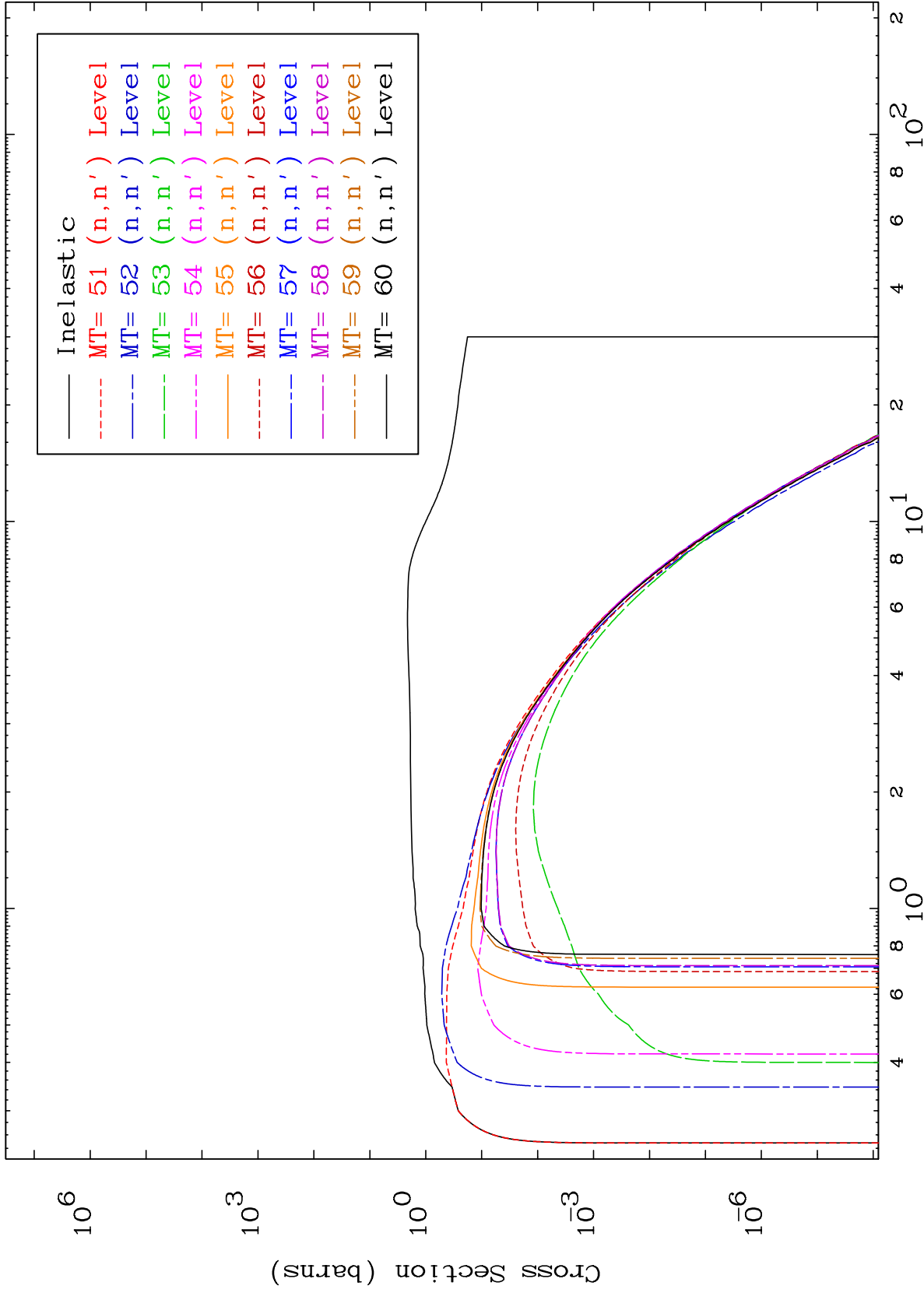


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections

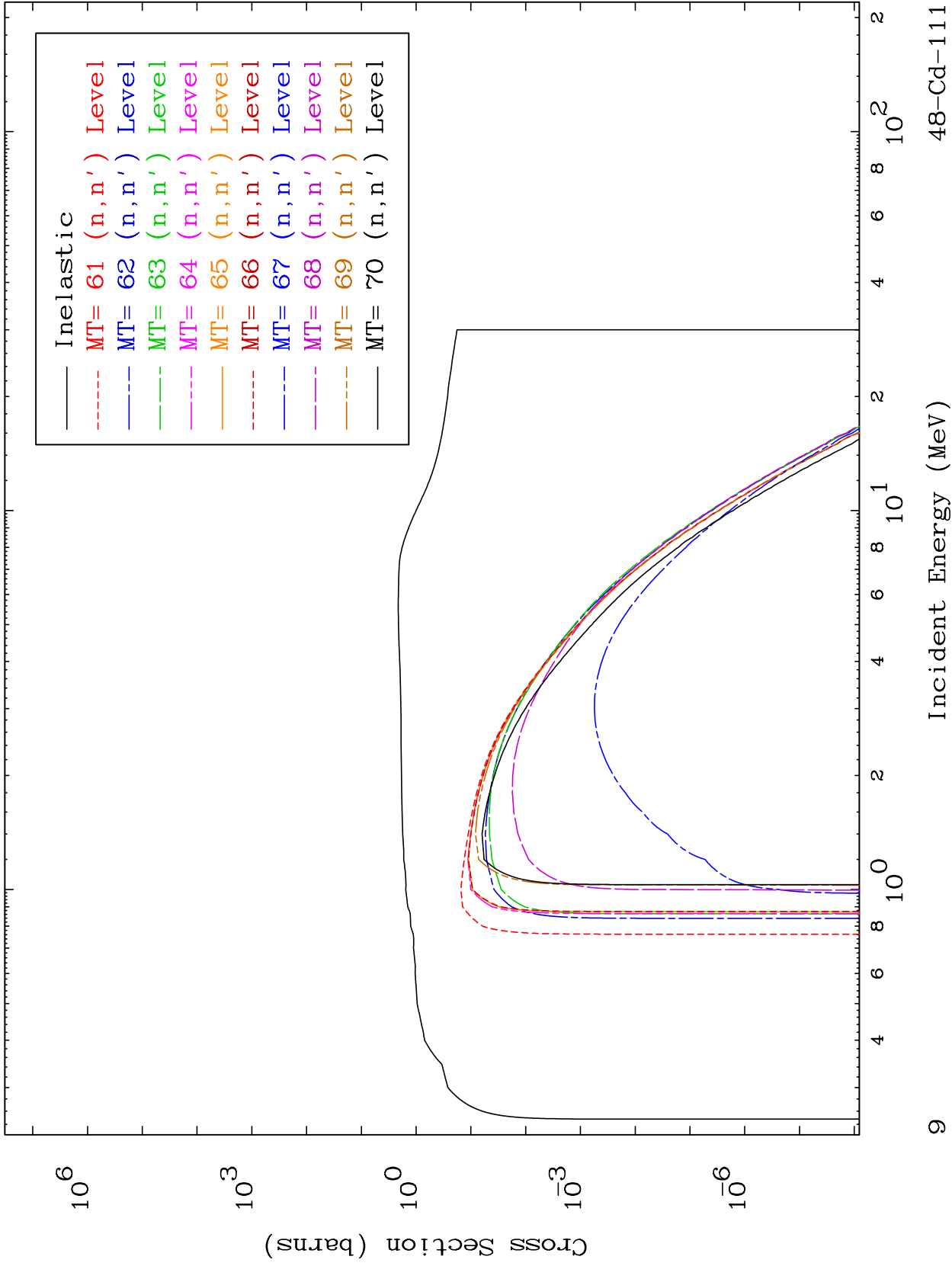


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections

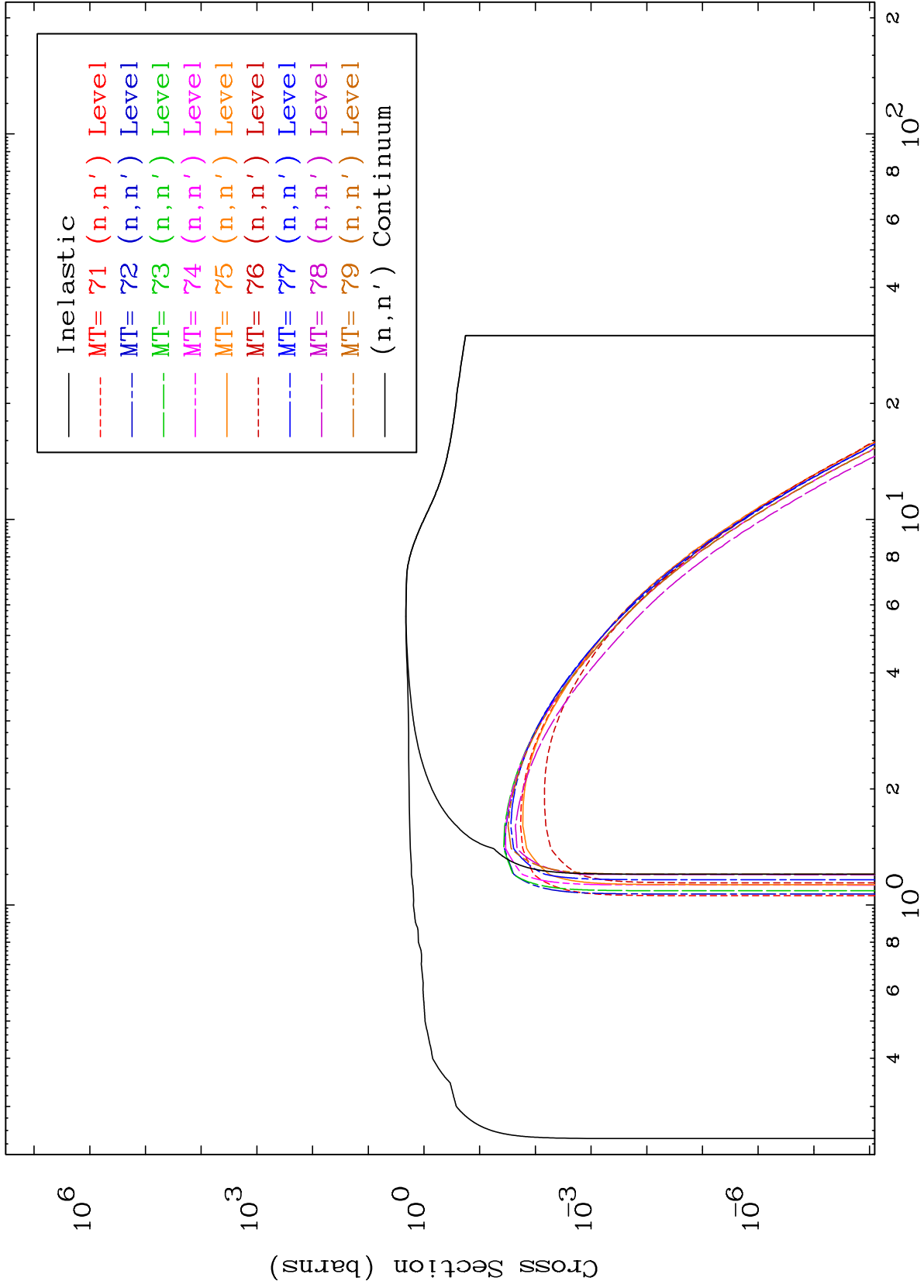


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections



10

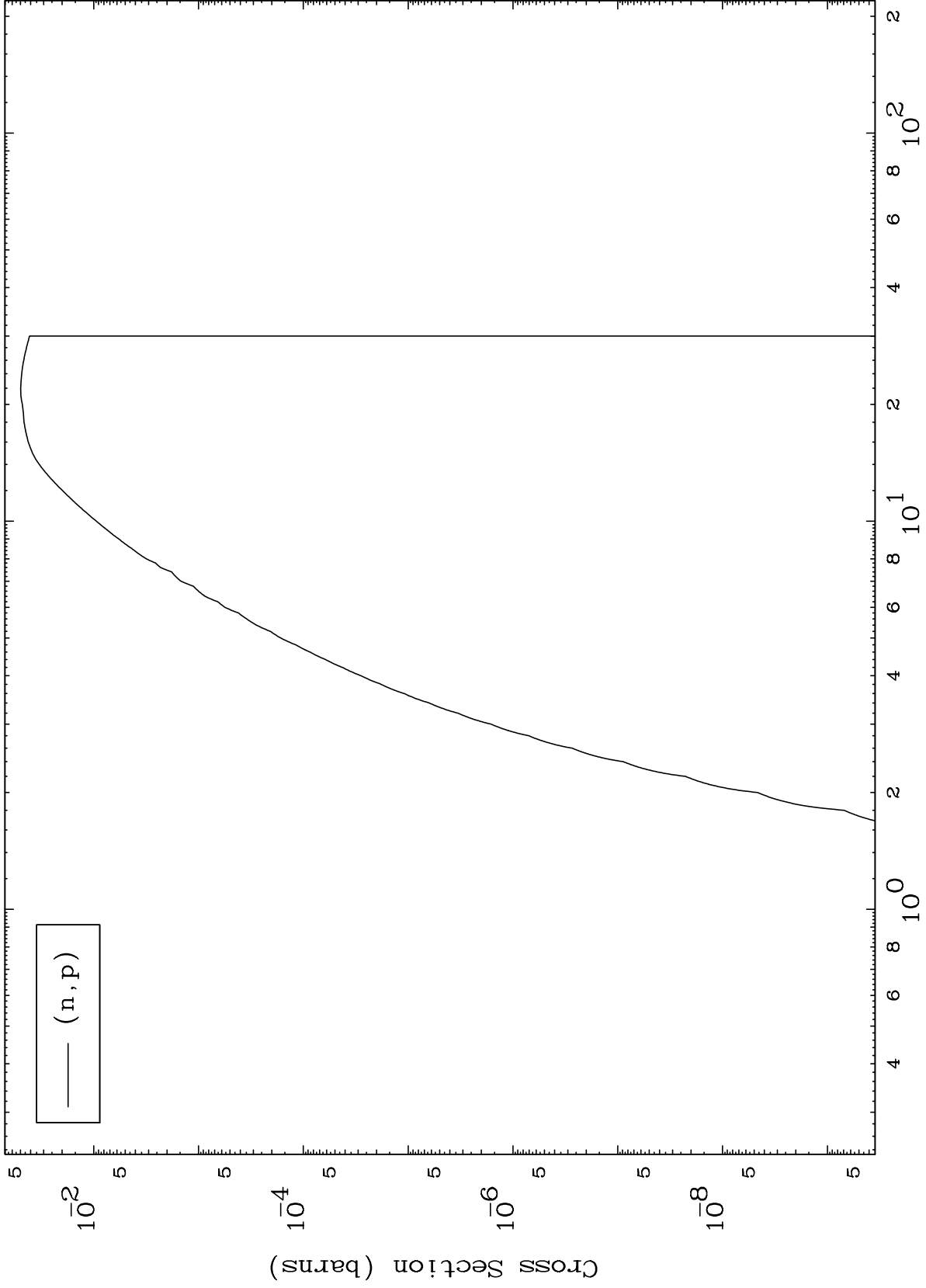
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,p) Levels
293 Kelvin Cross Sections

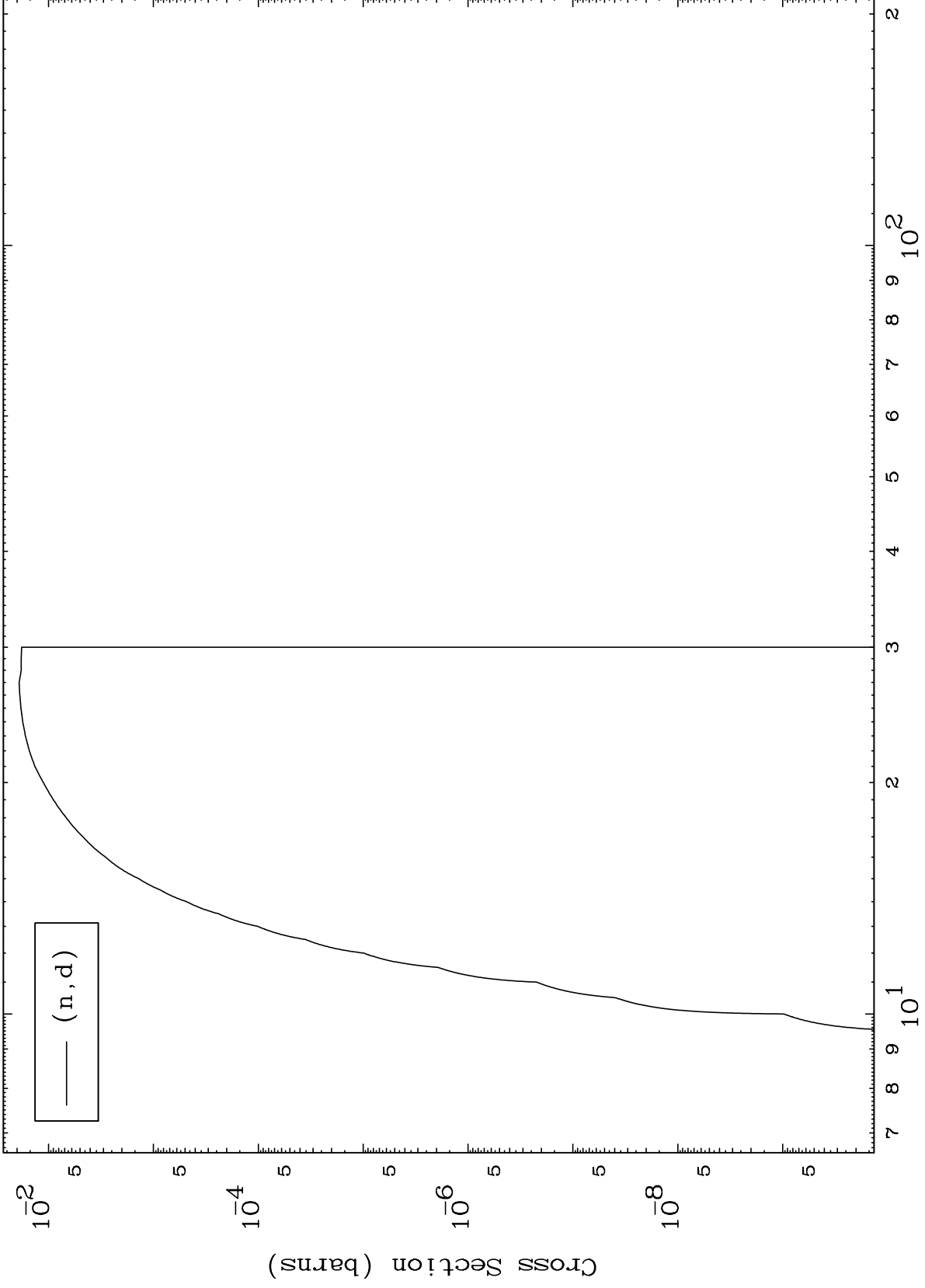
48-Cd-111



MAT 4840

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-111



12

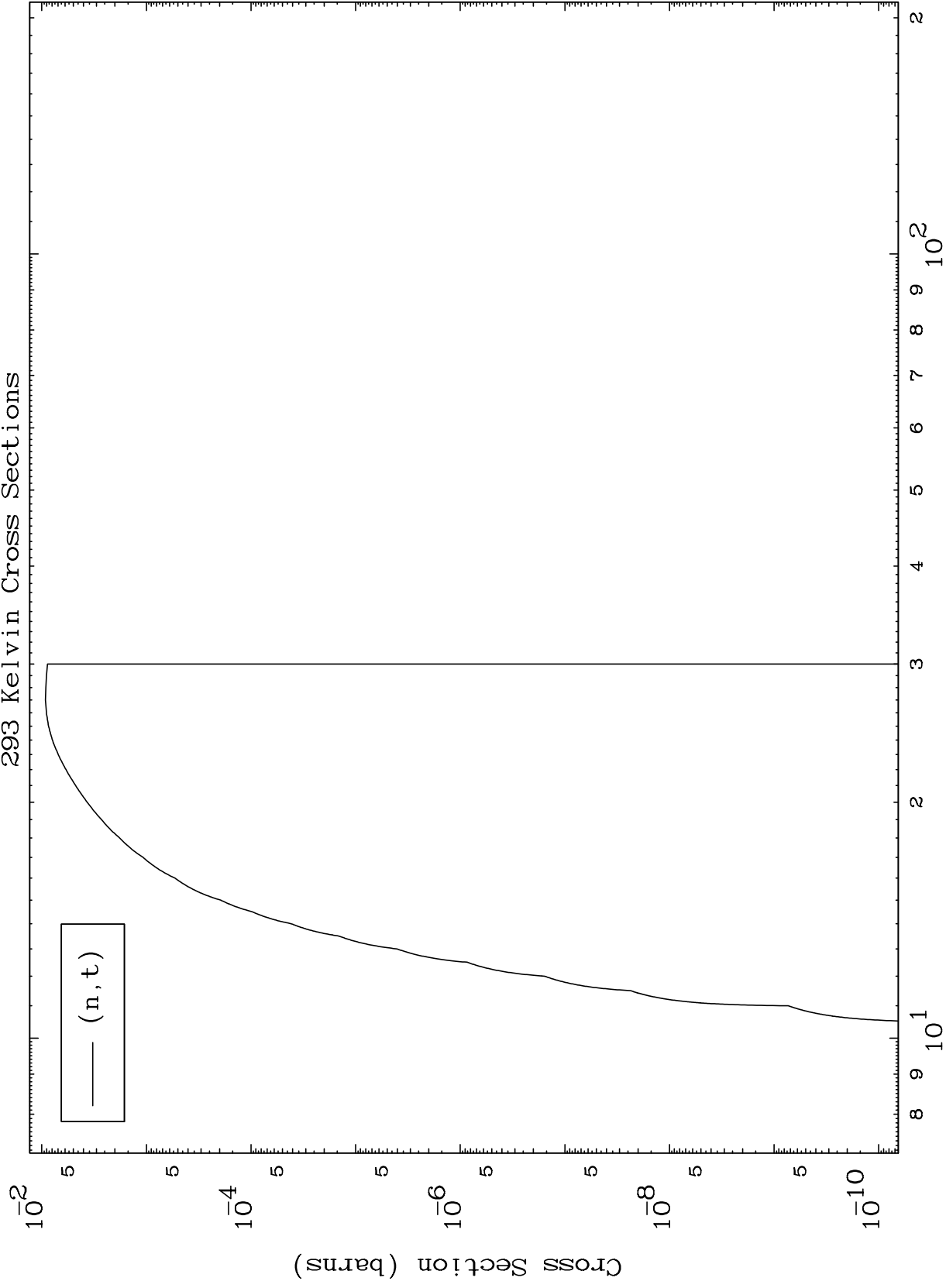
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-111



13

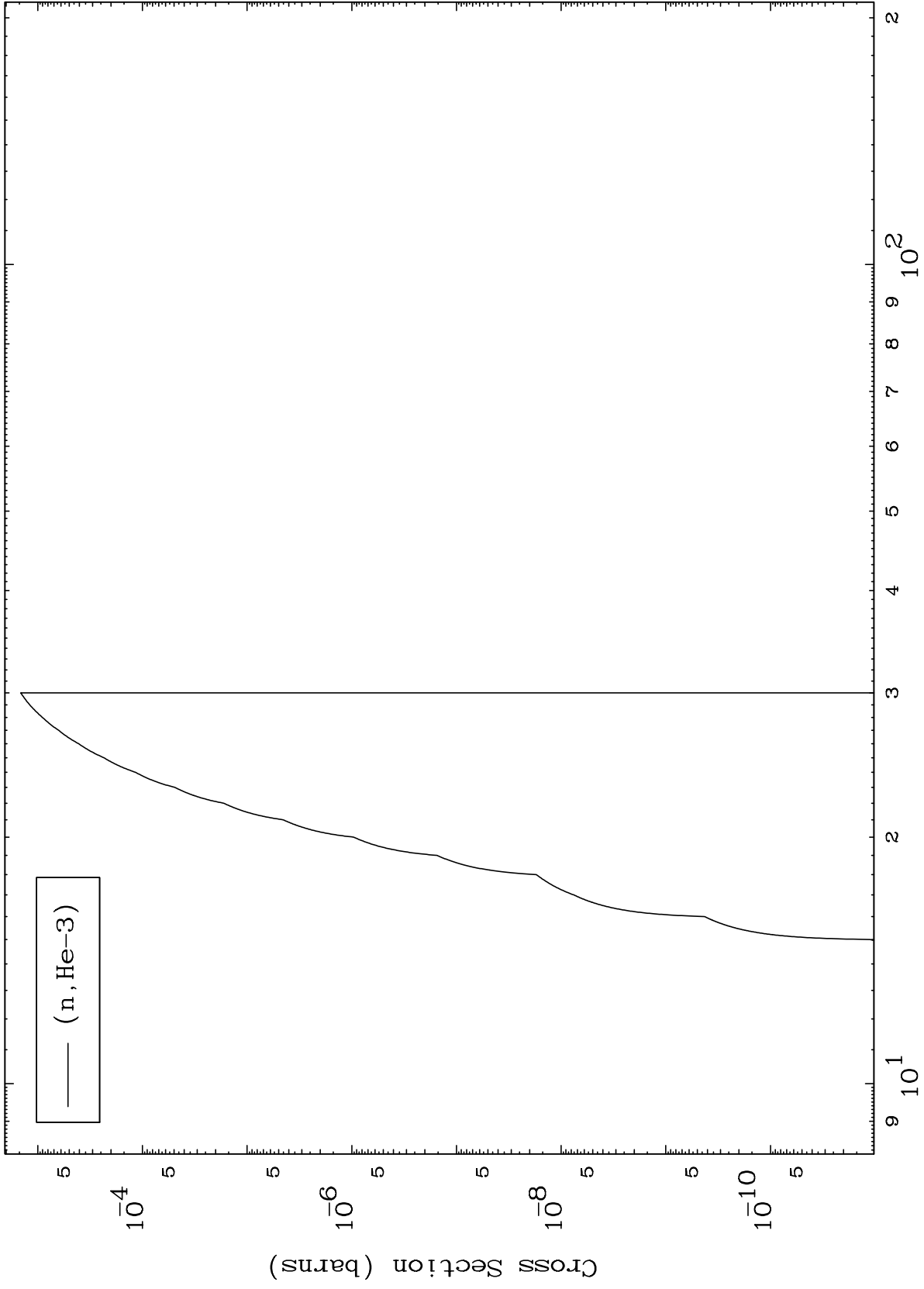
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-111



14

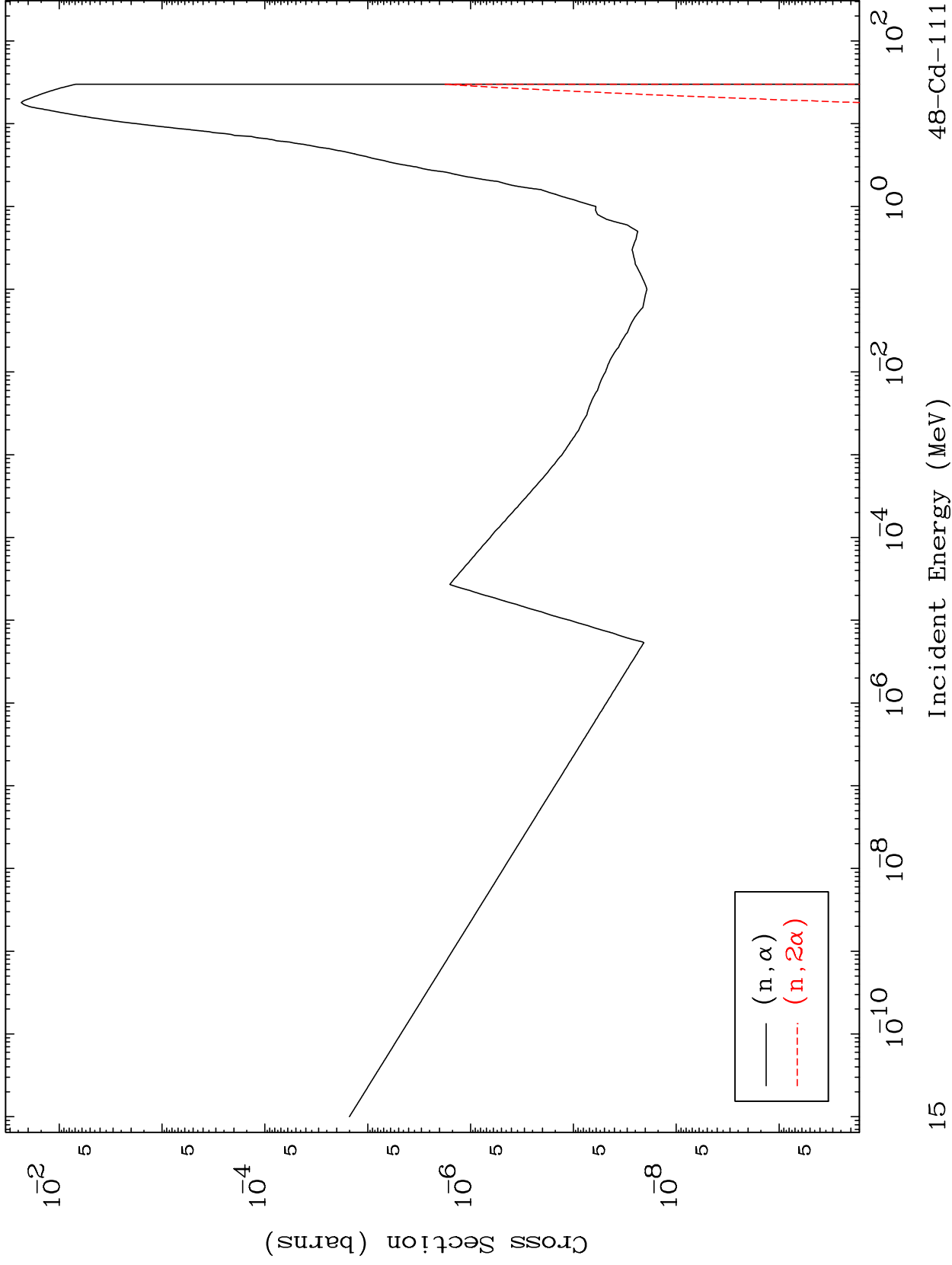
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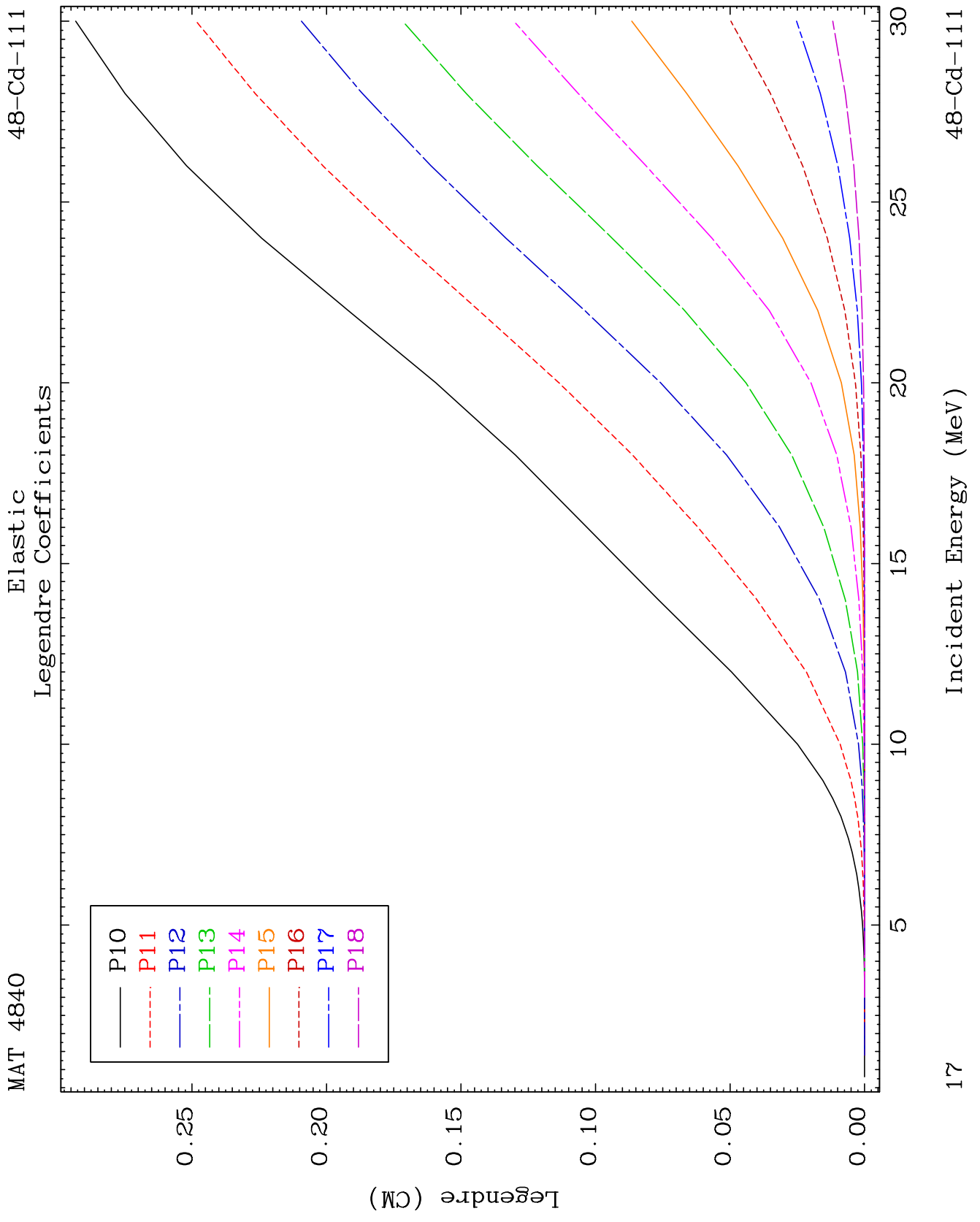
48-Cd-111

MAT 4840

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-111

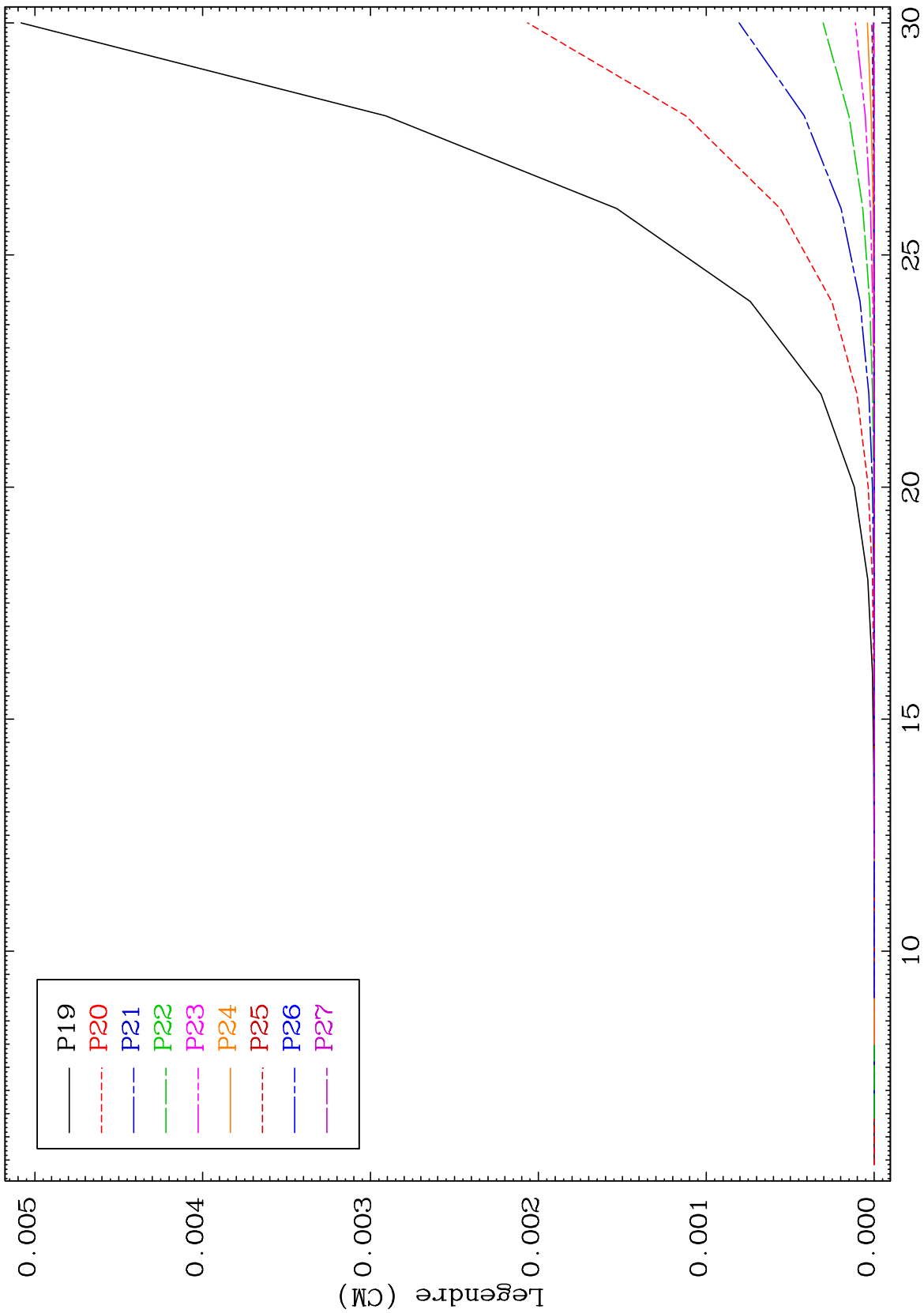




MAT 4840

Elastic Legendre Coefficients

48-Cd-111



18

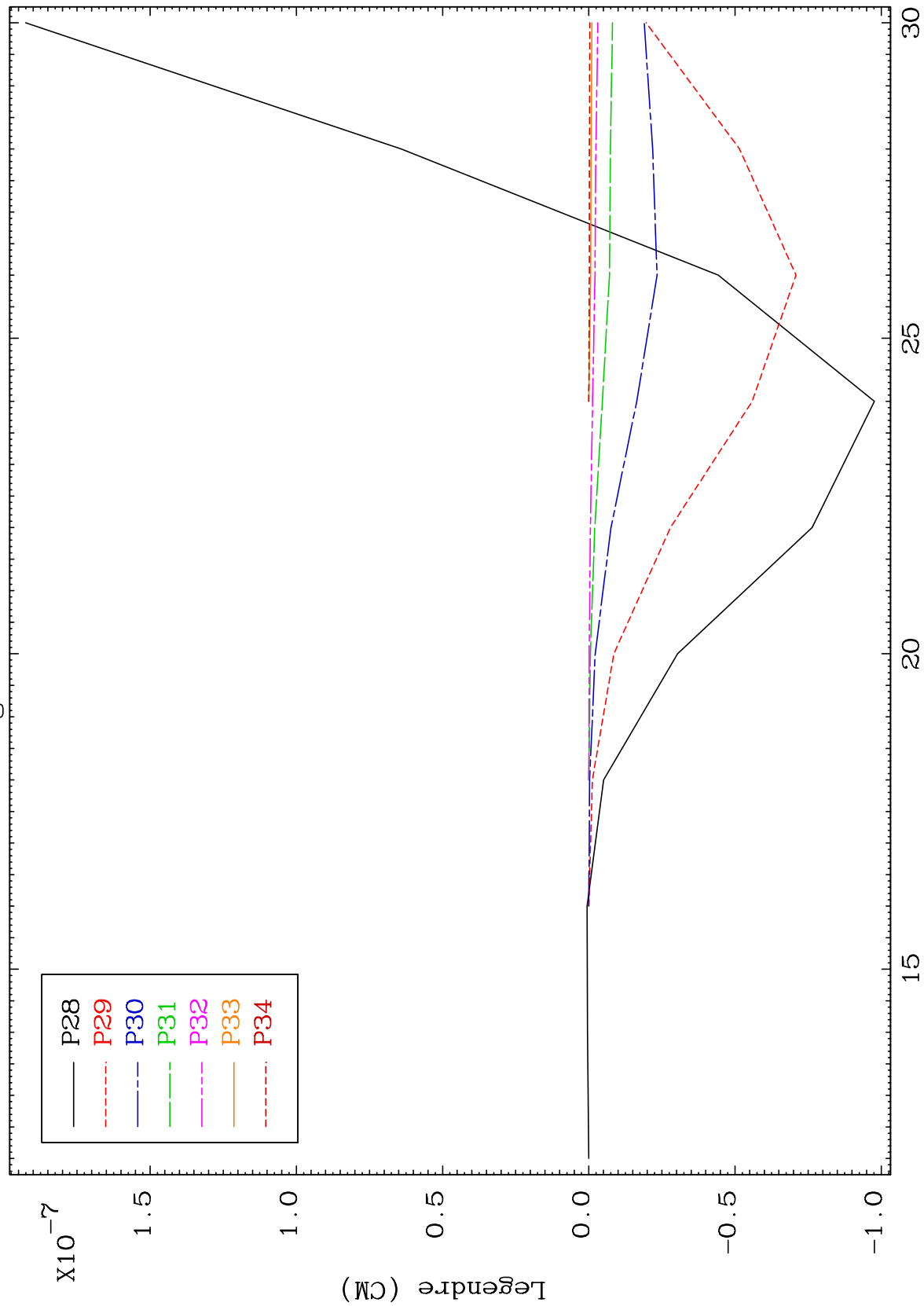
Incident Energy (MeV)

48-Cd-111

MAT 4840

Elastic Legendre Coefficients

48-Cd-111



19

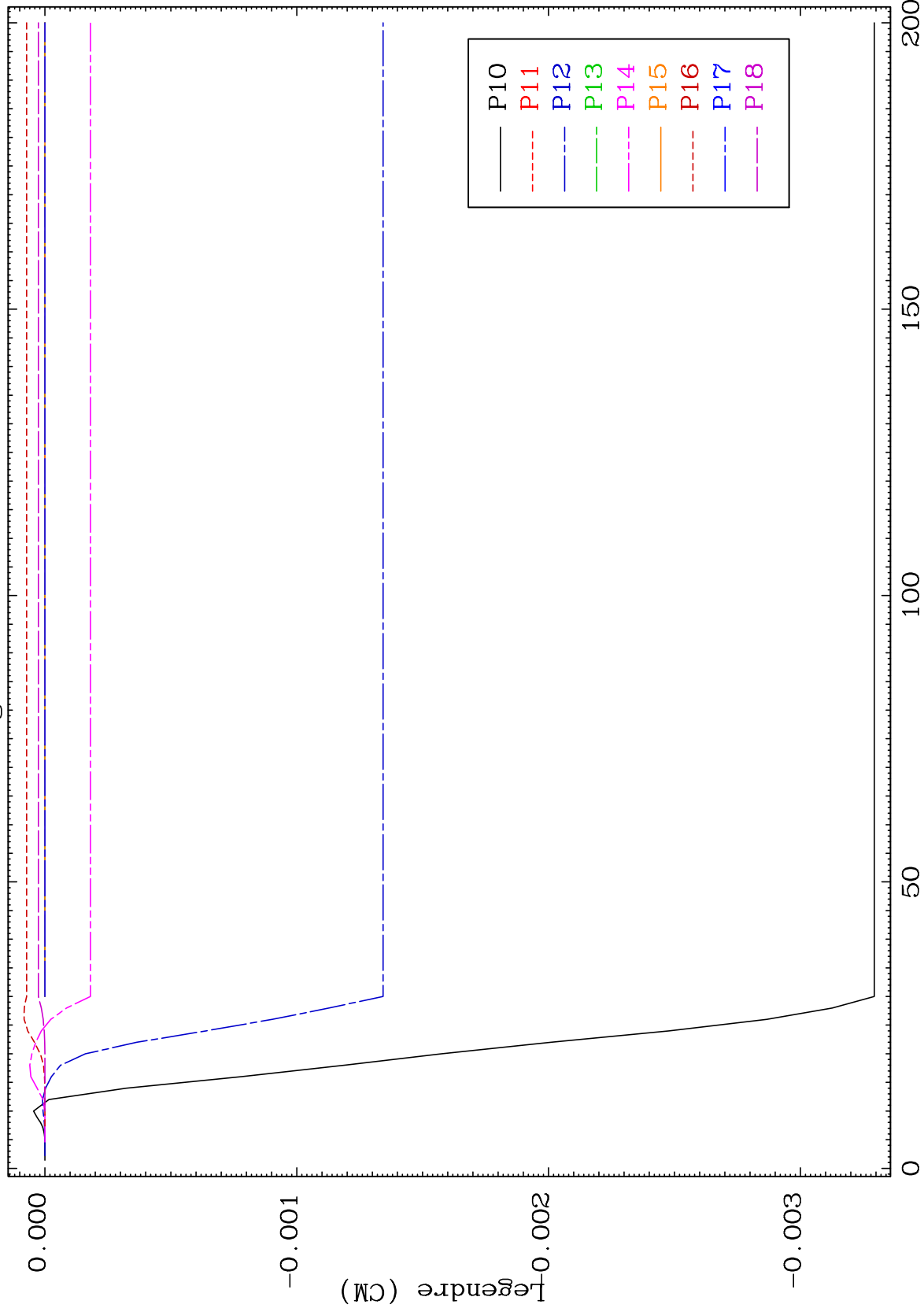
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

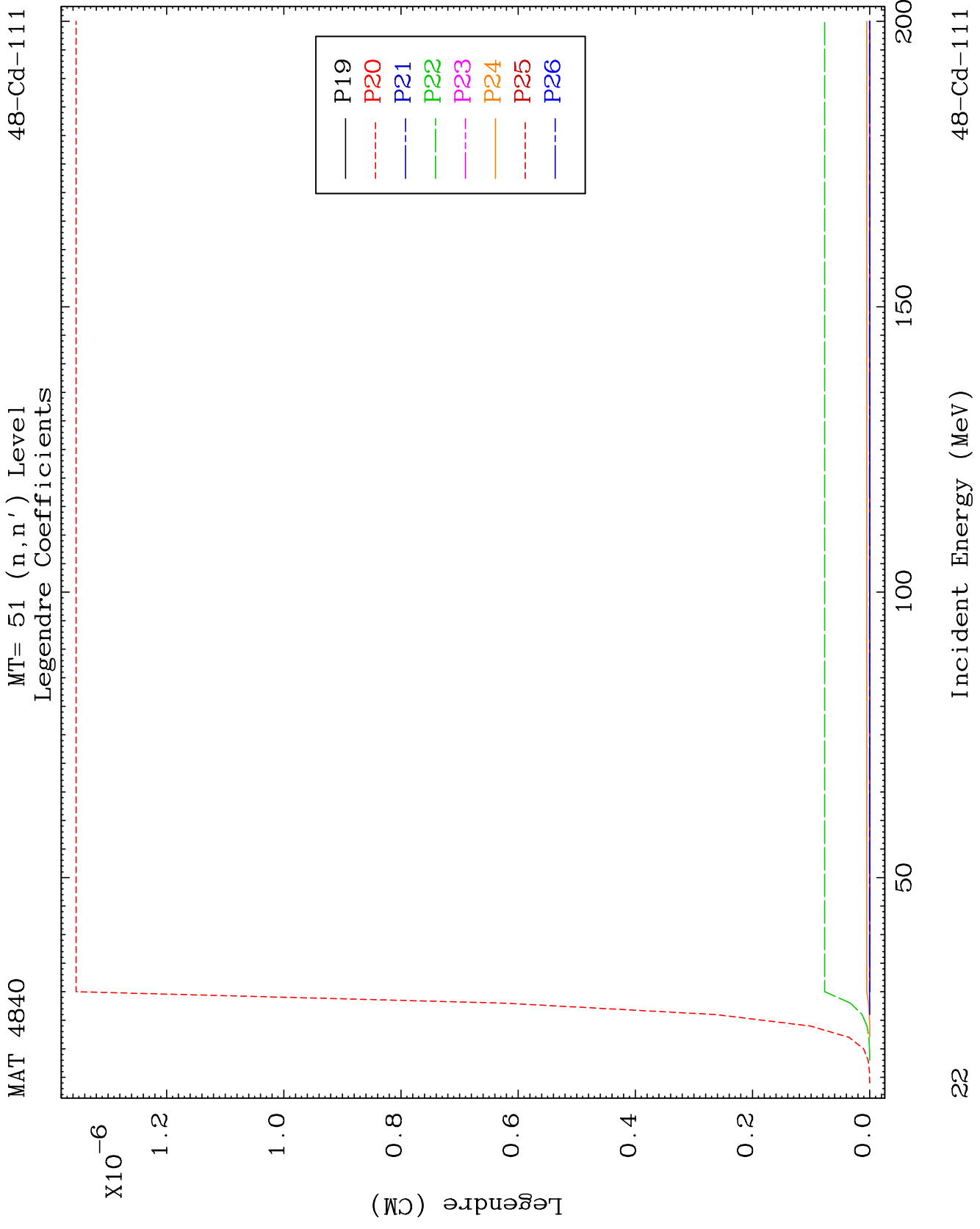
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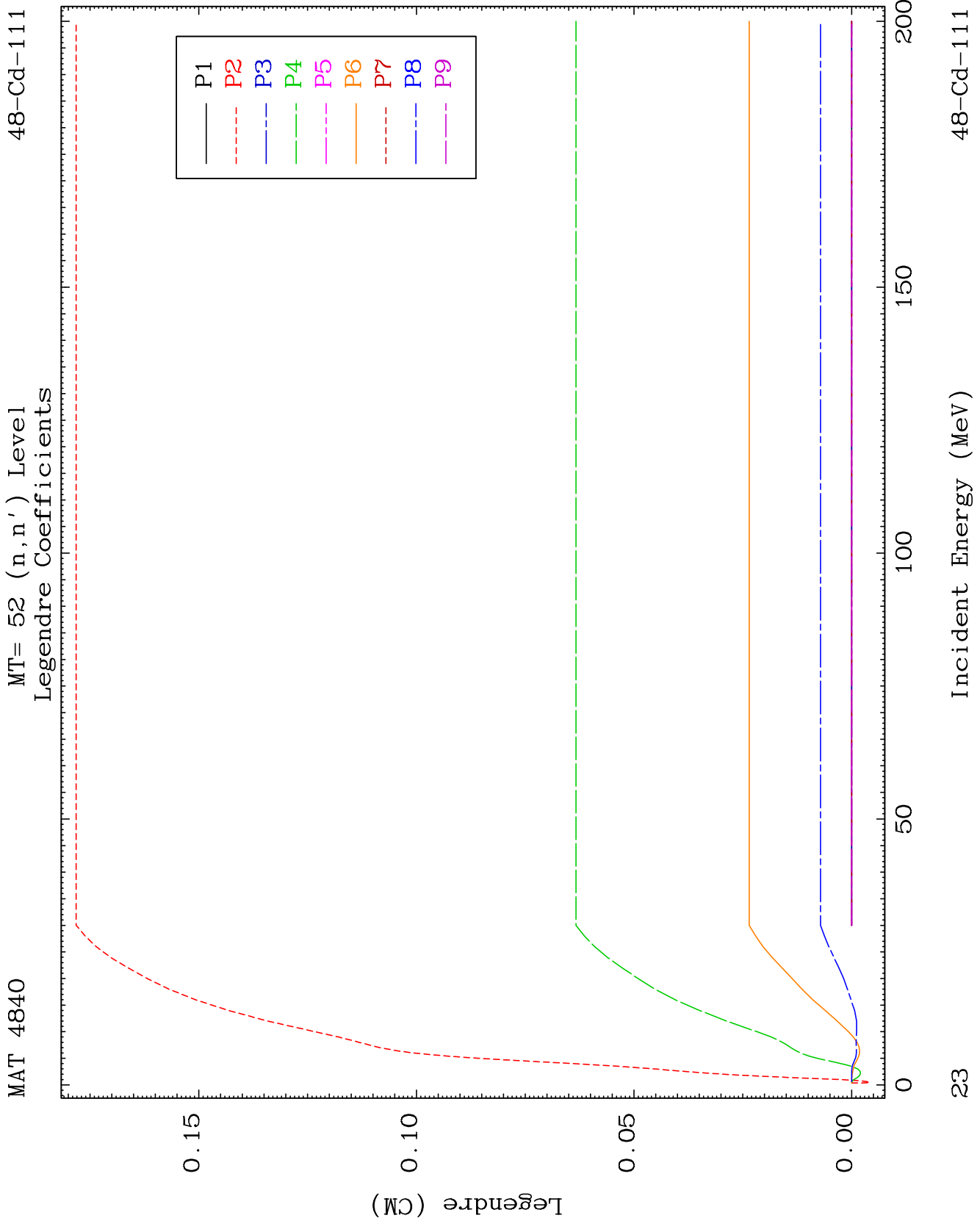


21

Incident Energy (MeV)

48-Cd-111

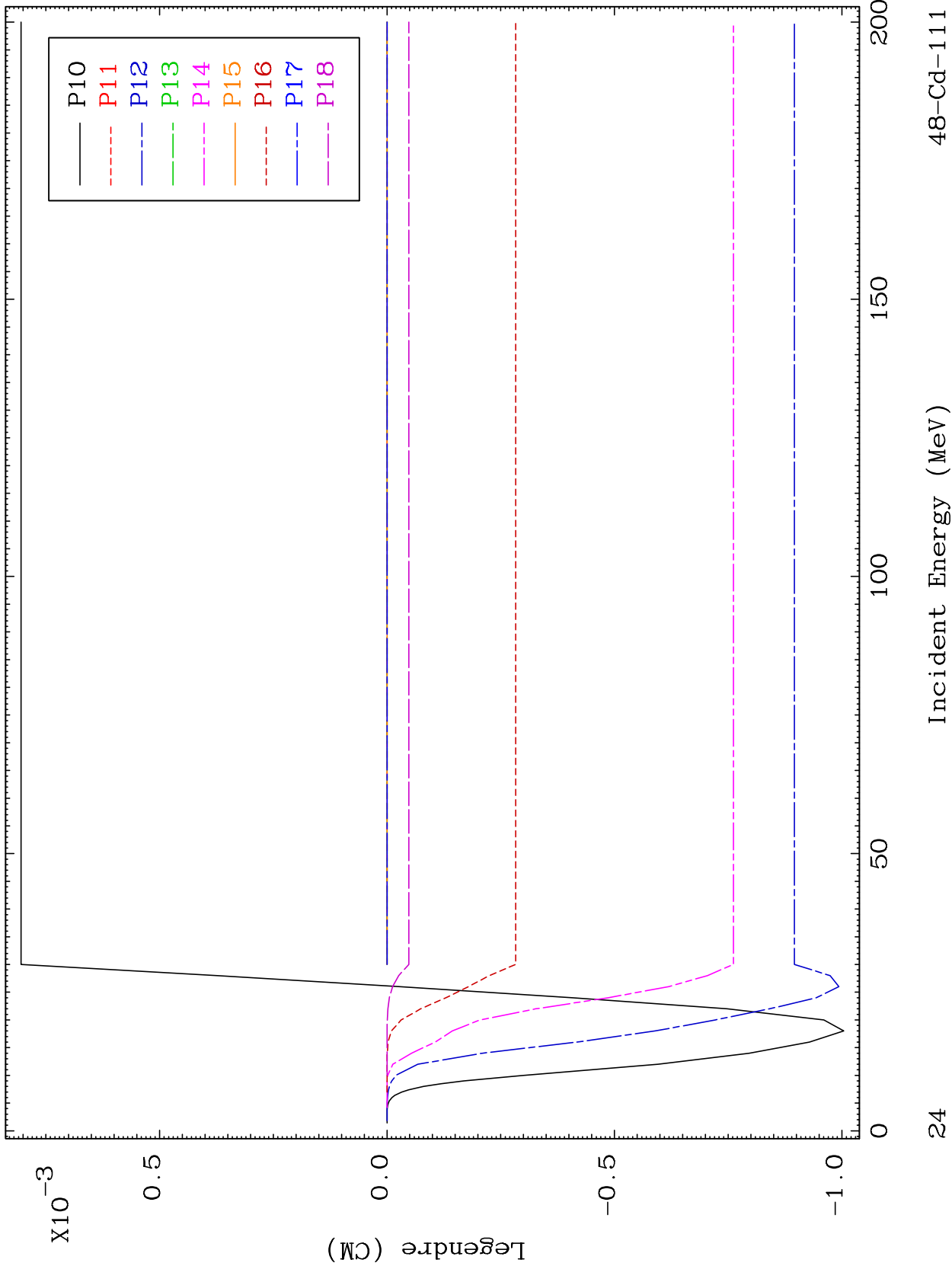




MAT 4840

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

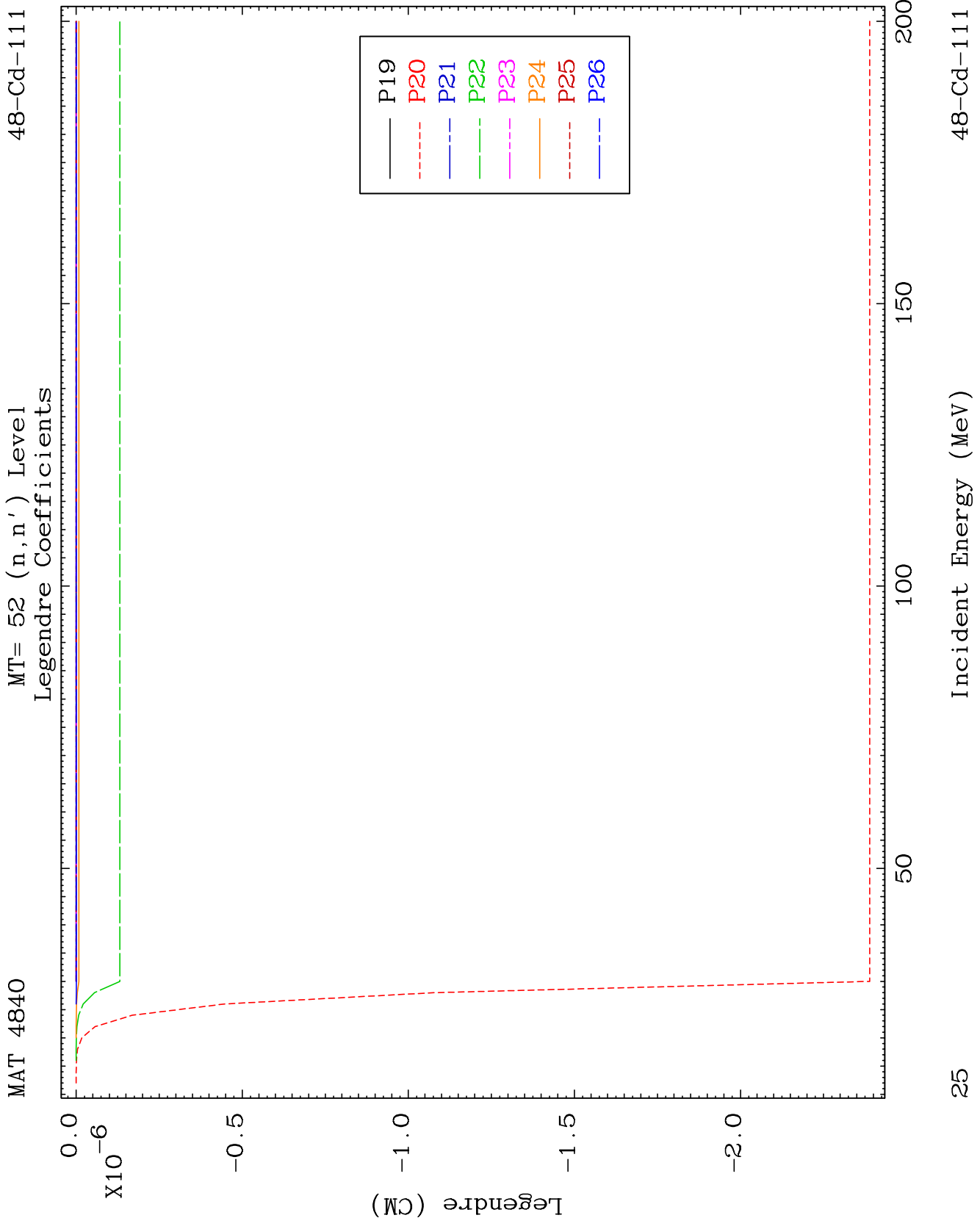
48-Cd-111



24

Incident Energy (MeV)

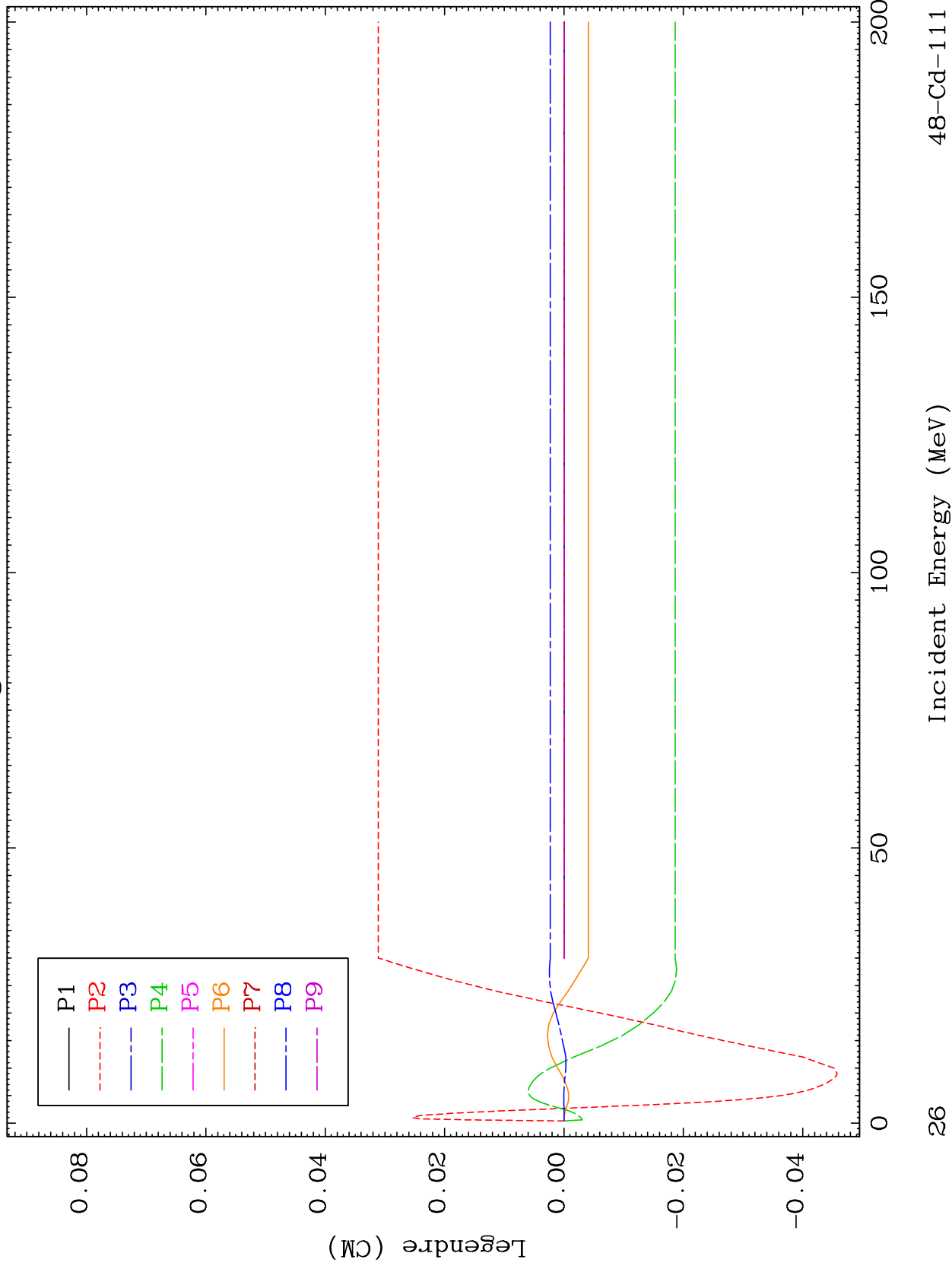
48-Cd-111



MAT 4840

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

48-Cd-111



48-Cd-111

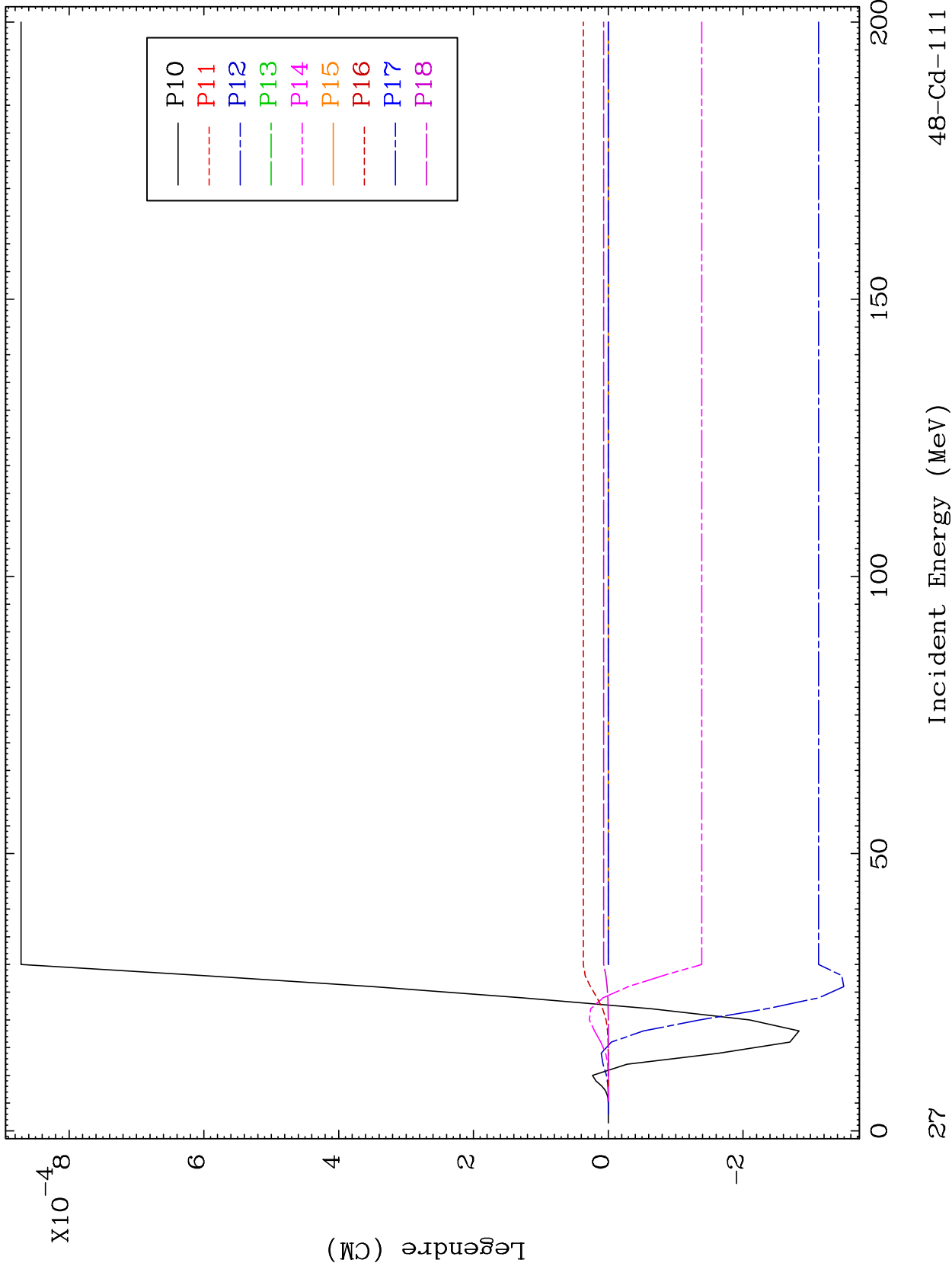
Incident Energy (MeV)

26

MAT 4840

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

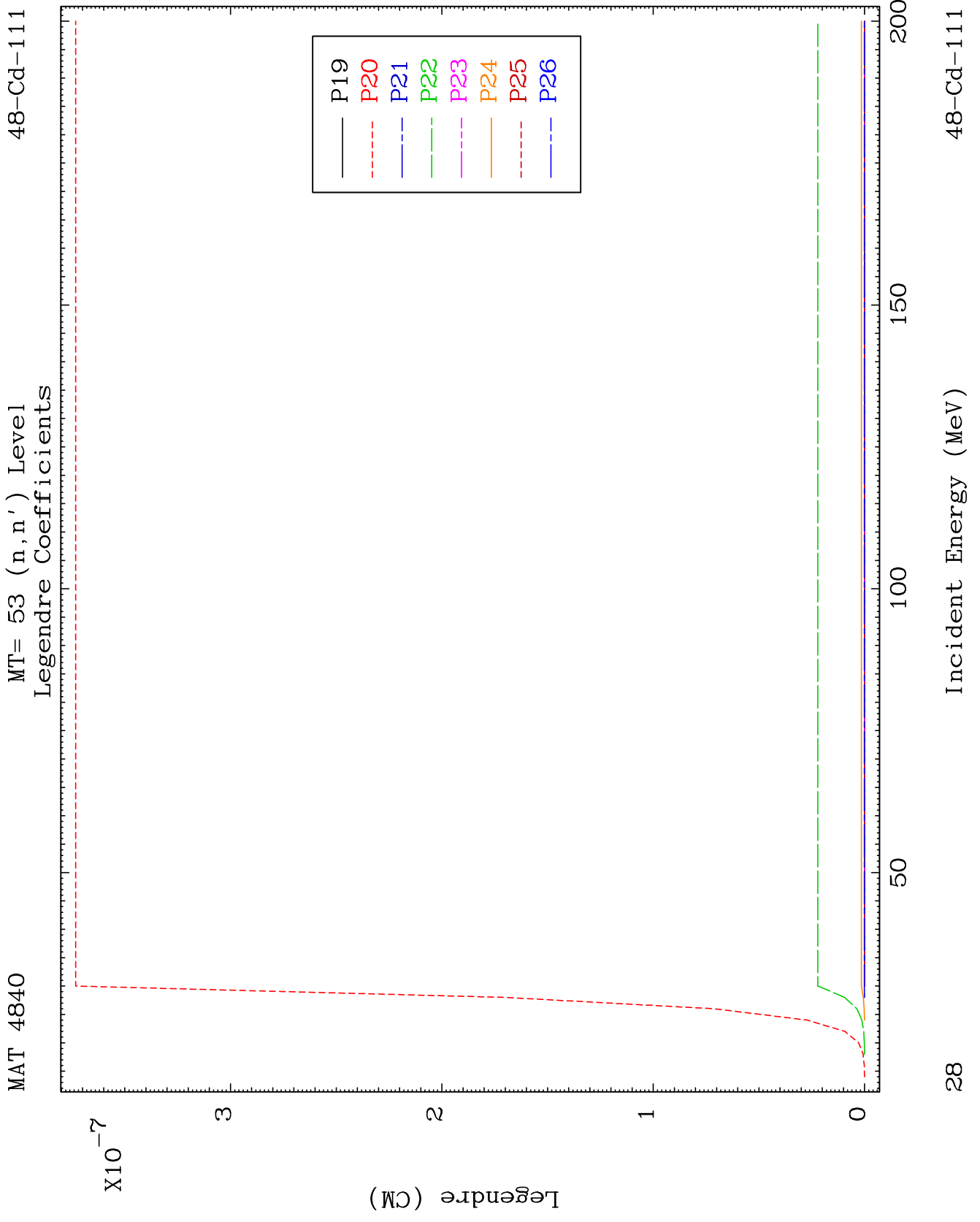
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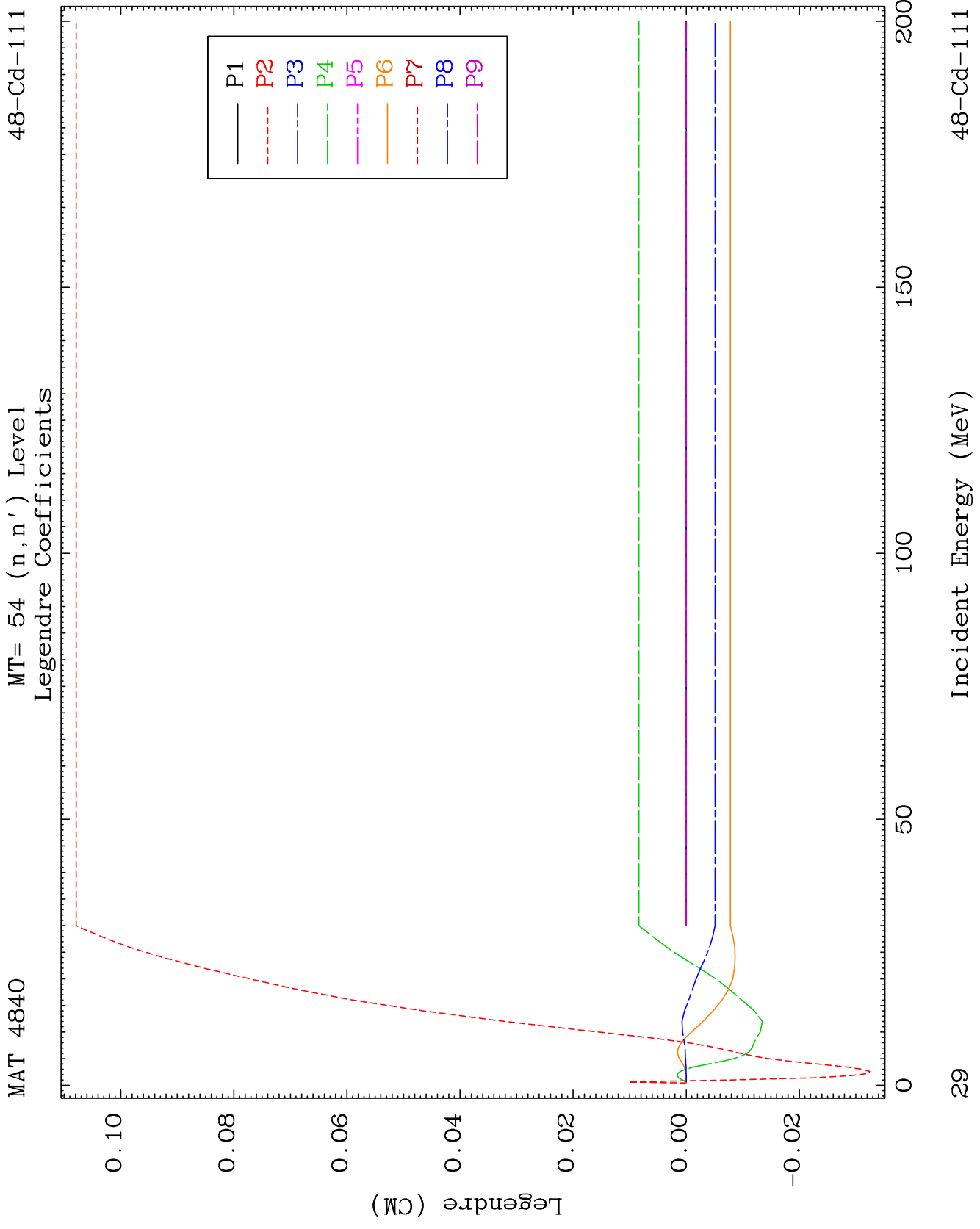


27

Incident Energy (MeV)

48-Cd-111



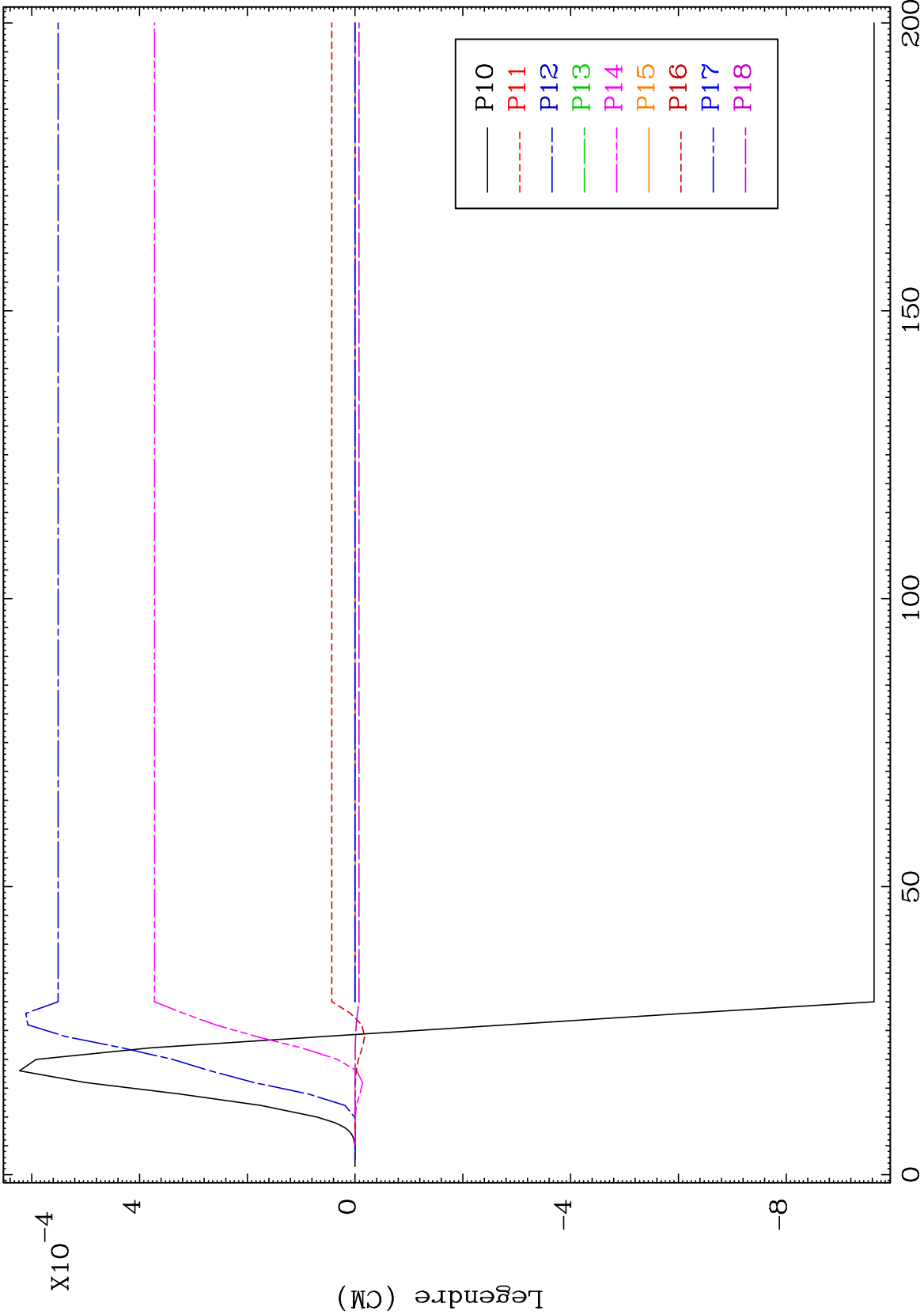


MAT 4840

MT= 54 (n,n') Level

48-Cd-111

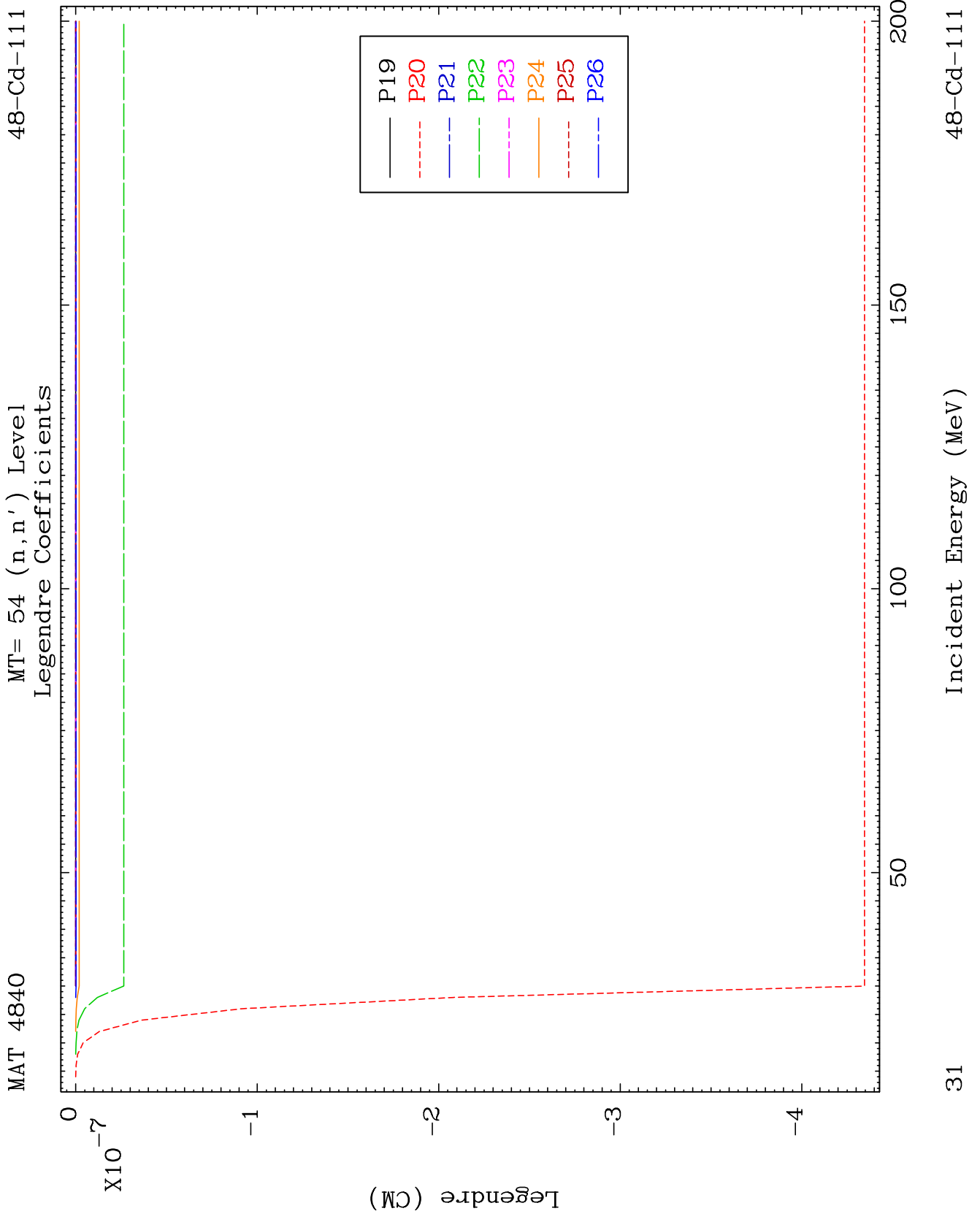
Legendre Coefficients

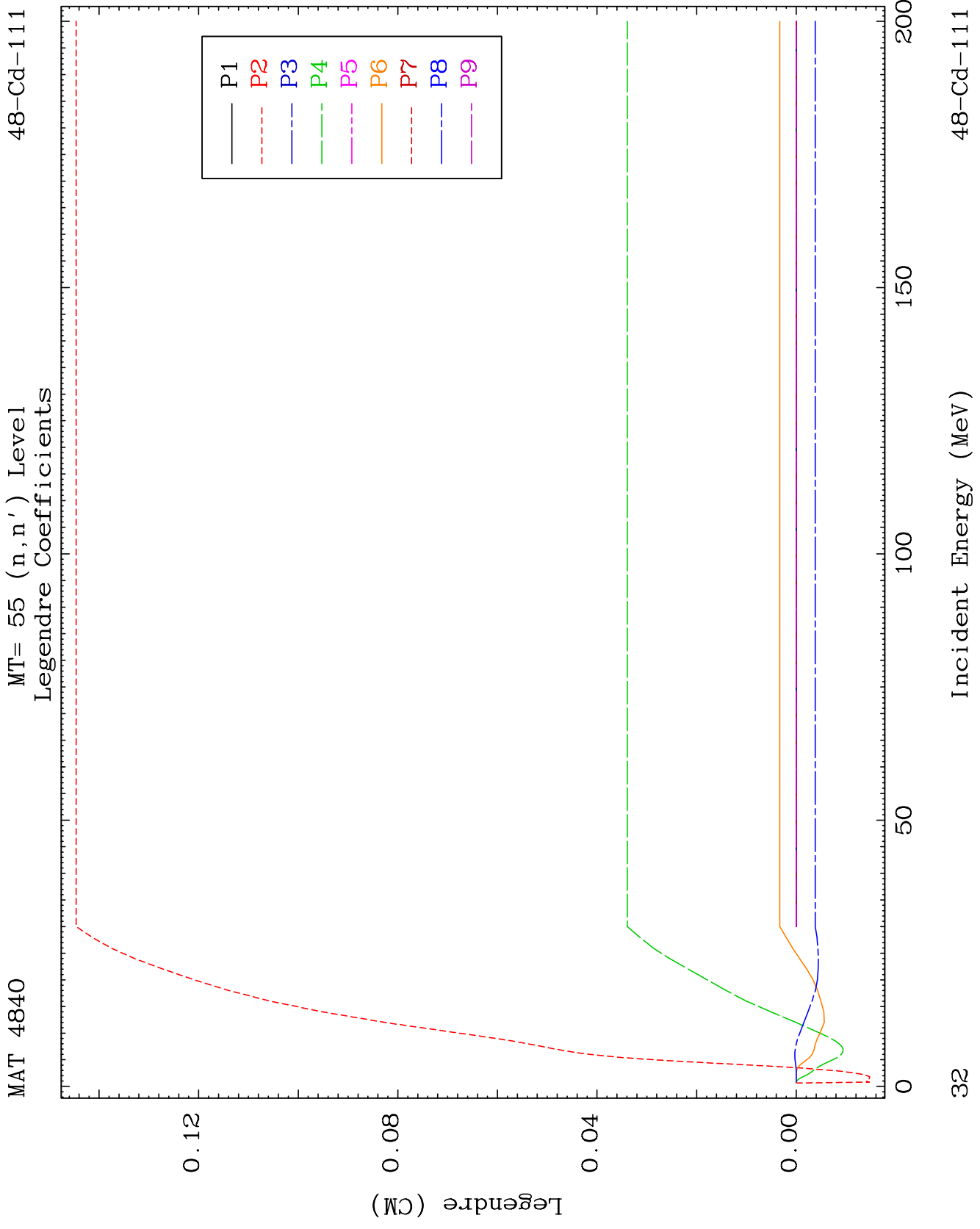


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Incident Energy (MeV)

48-Cd-111

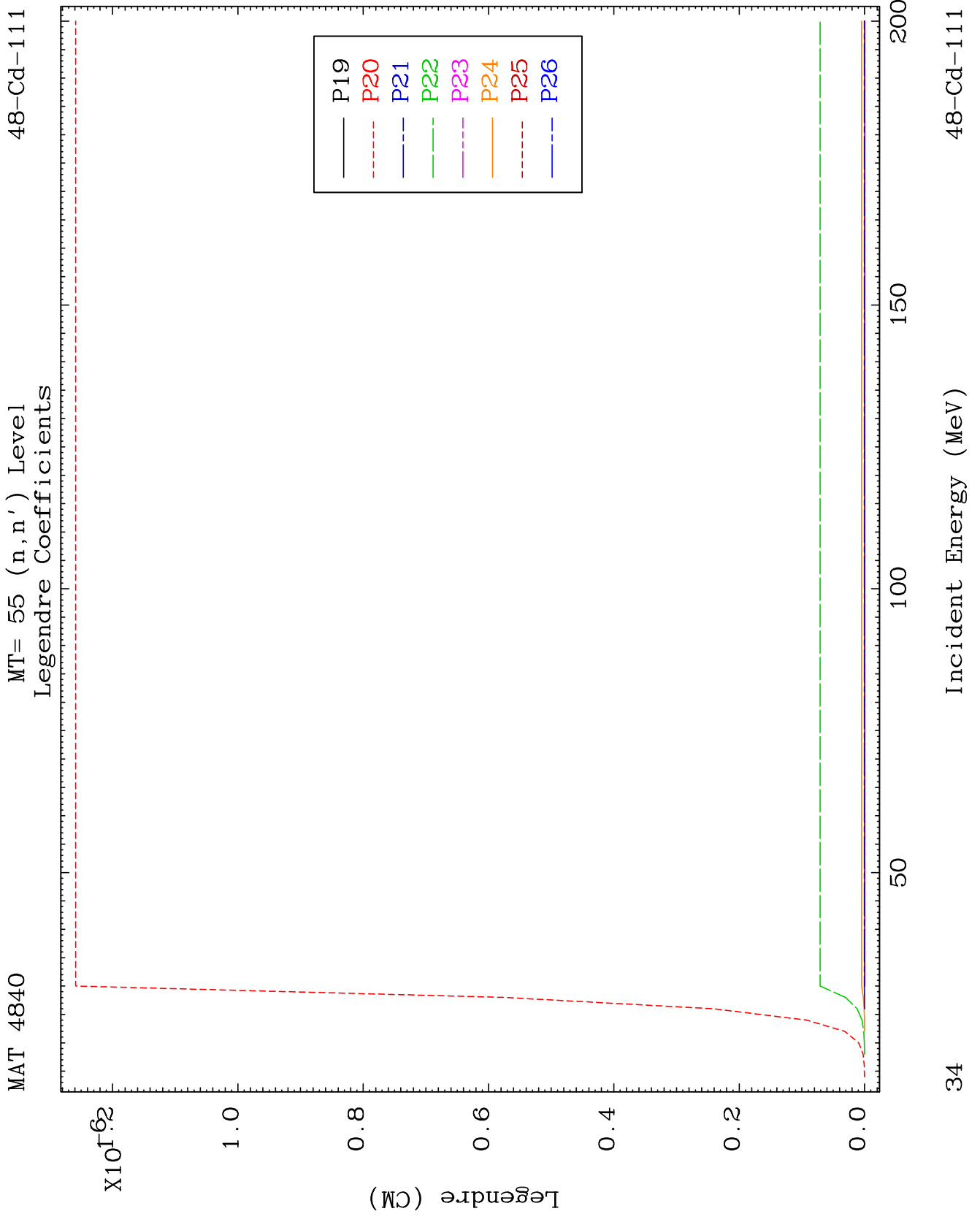




48-Cd-111

Incident Energy (MeV)

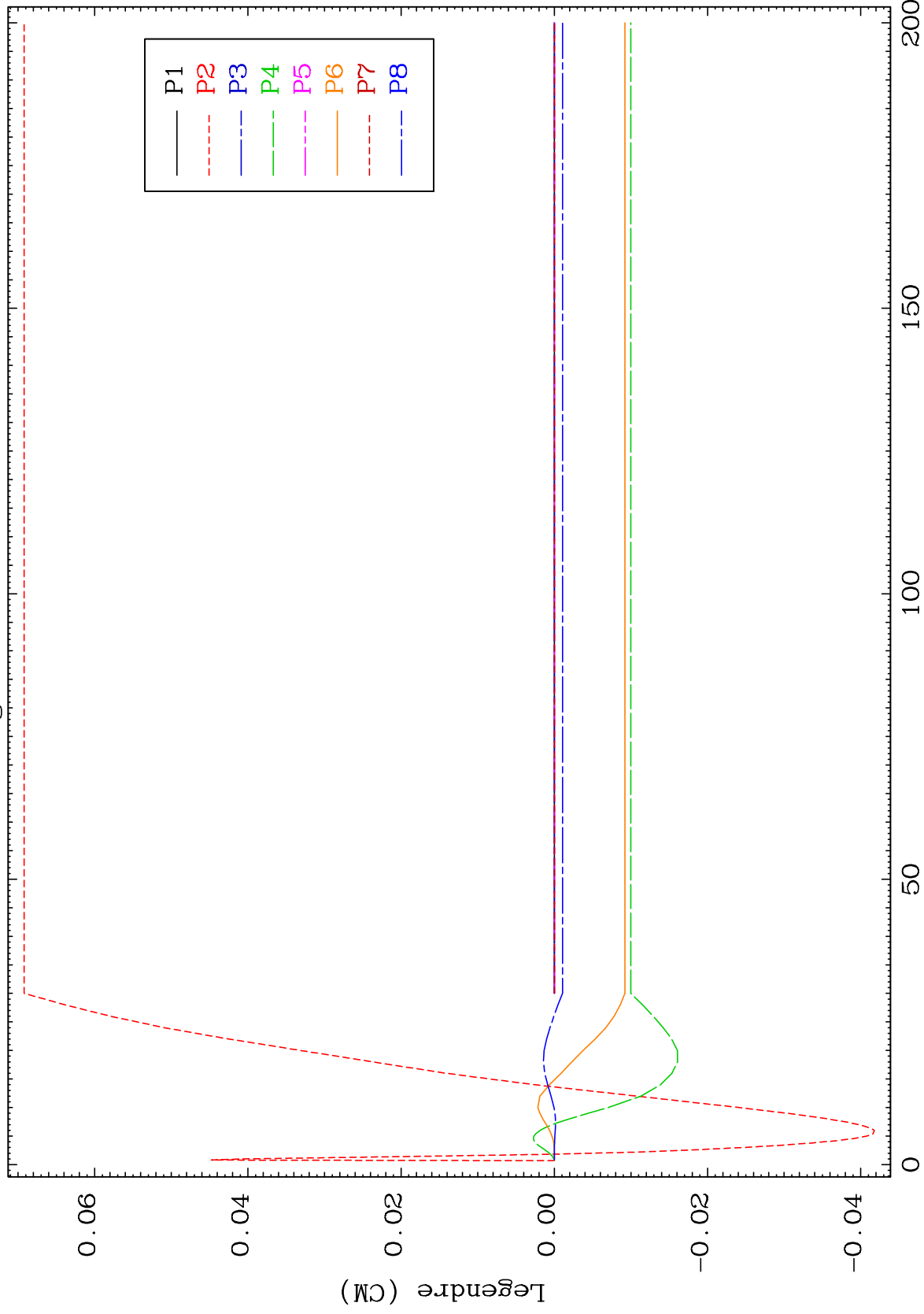
32



MAT 4840

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

48-Cd-111



35

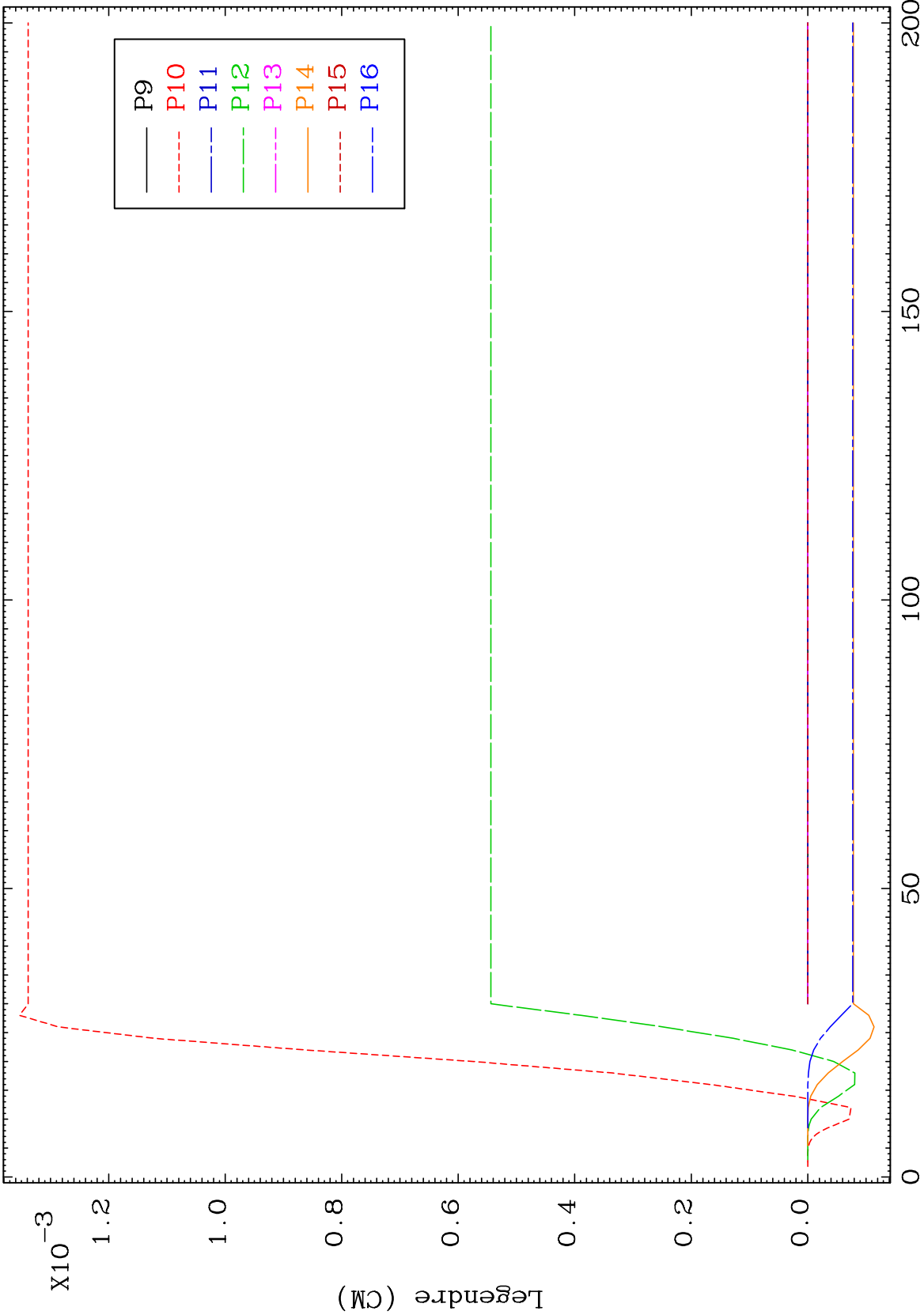
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

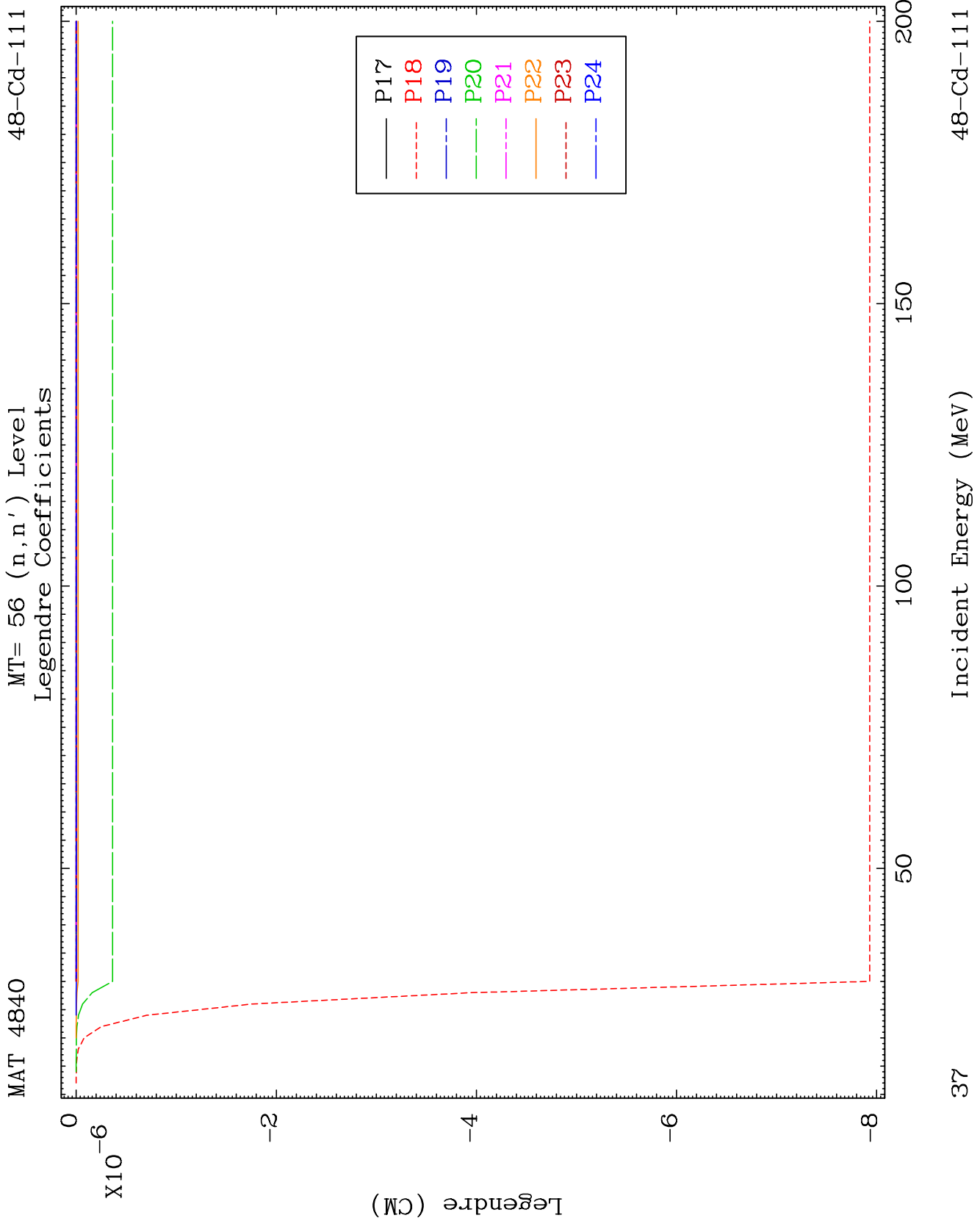
48-Cd-111



36

Incident Energy (MeV)

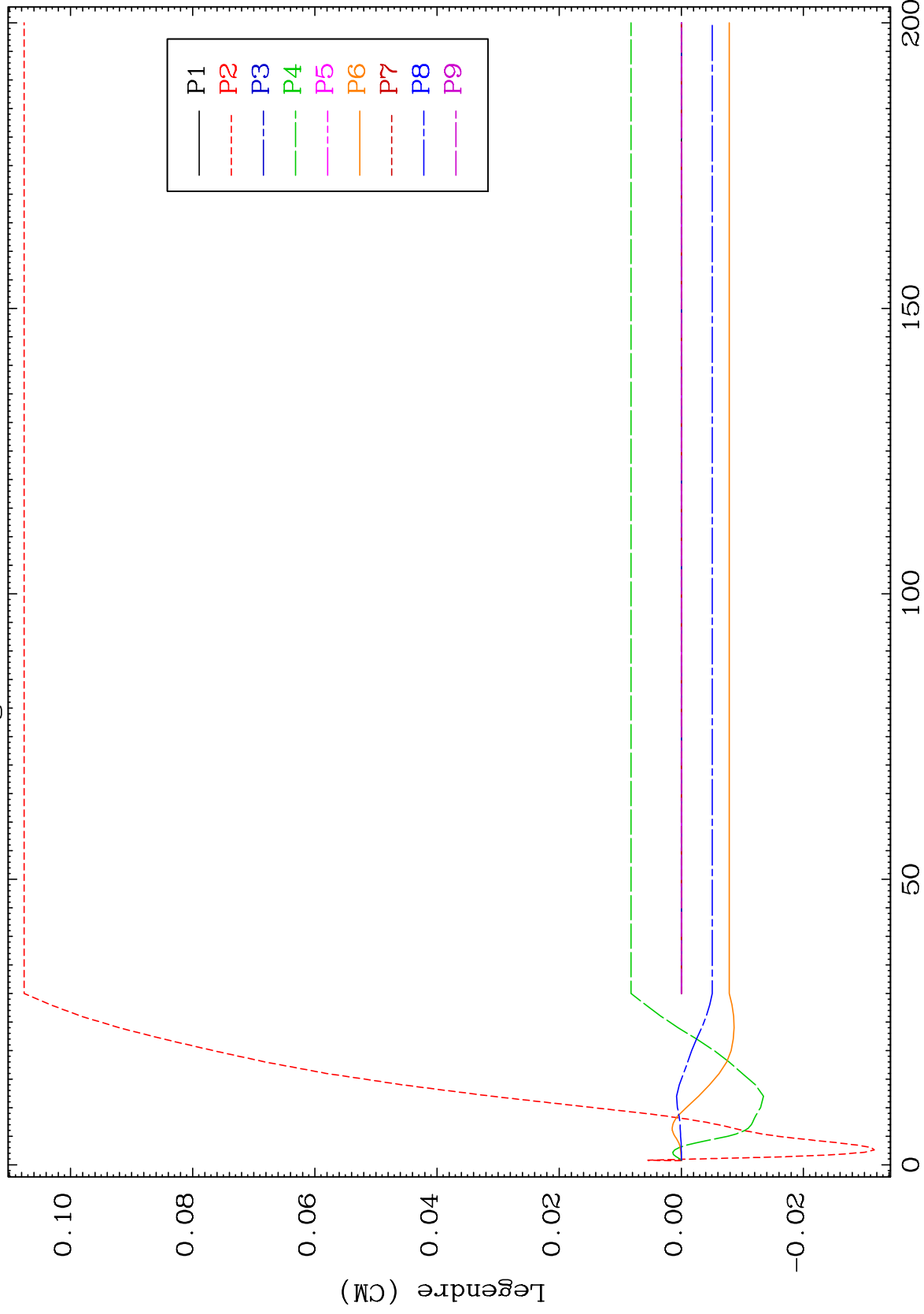
48-Cd-111



MAT 4840

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

48-Cd-111



48-Cd-111

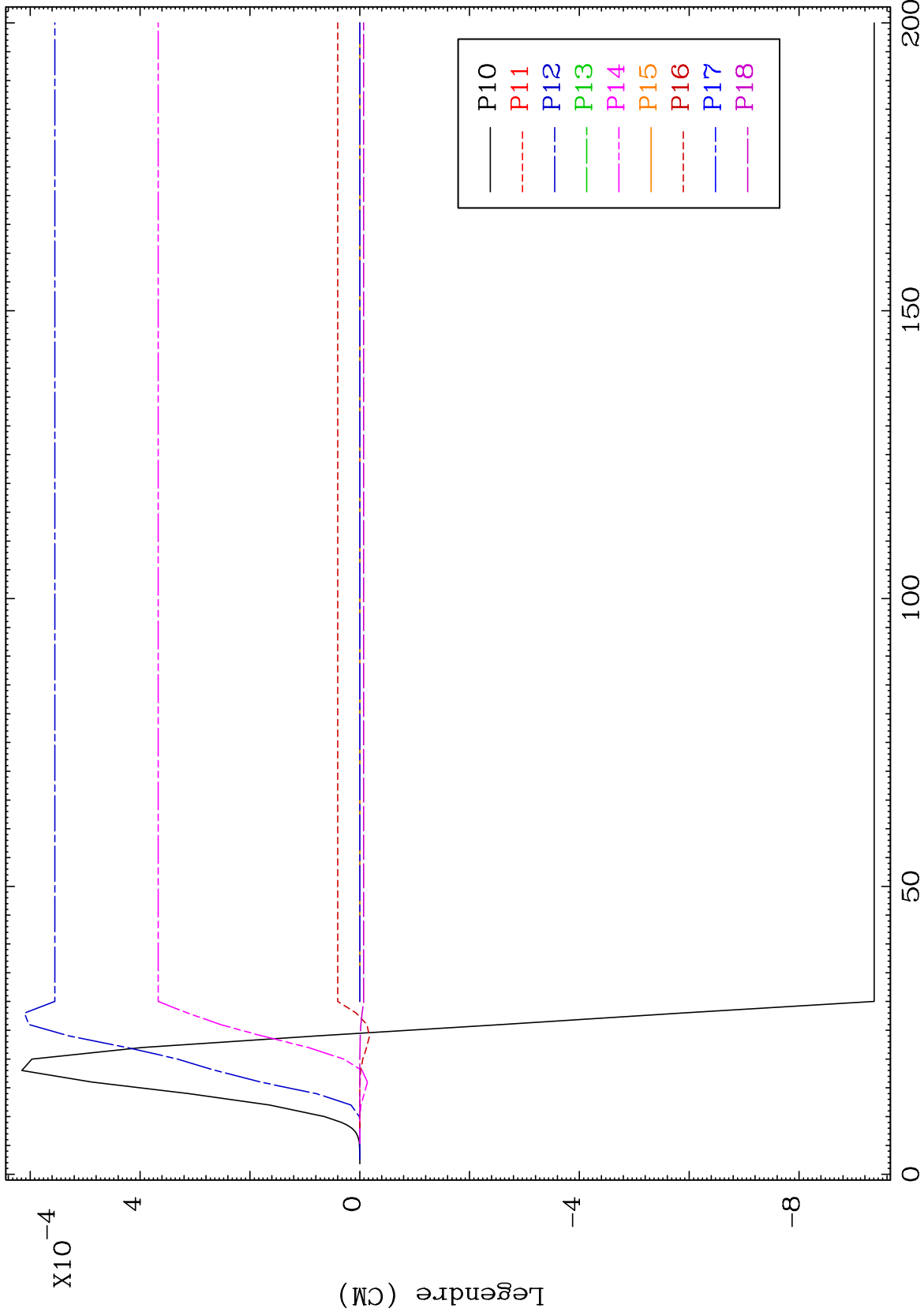
Incident Energy (MeV)

38

MAT 4840

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

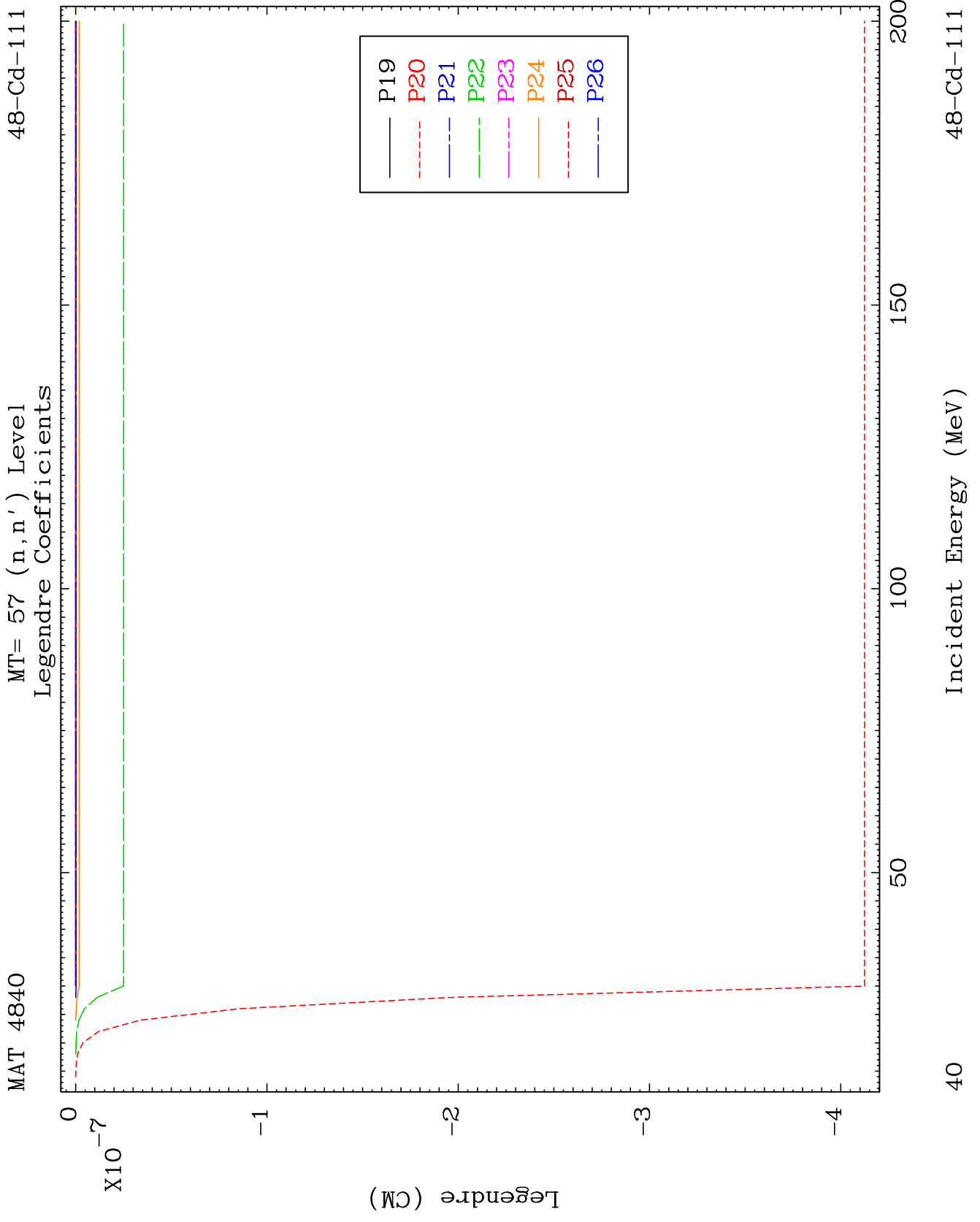
48-Cd-111



39

Incident Energy (MeV)

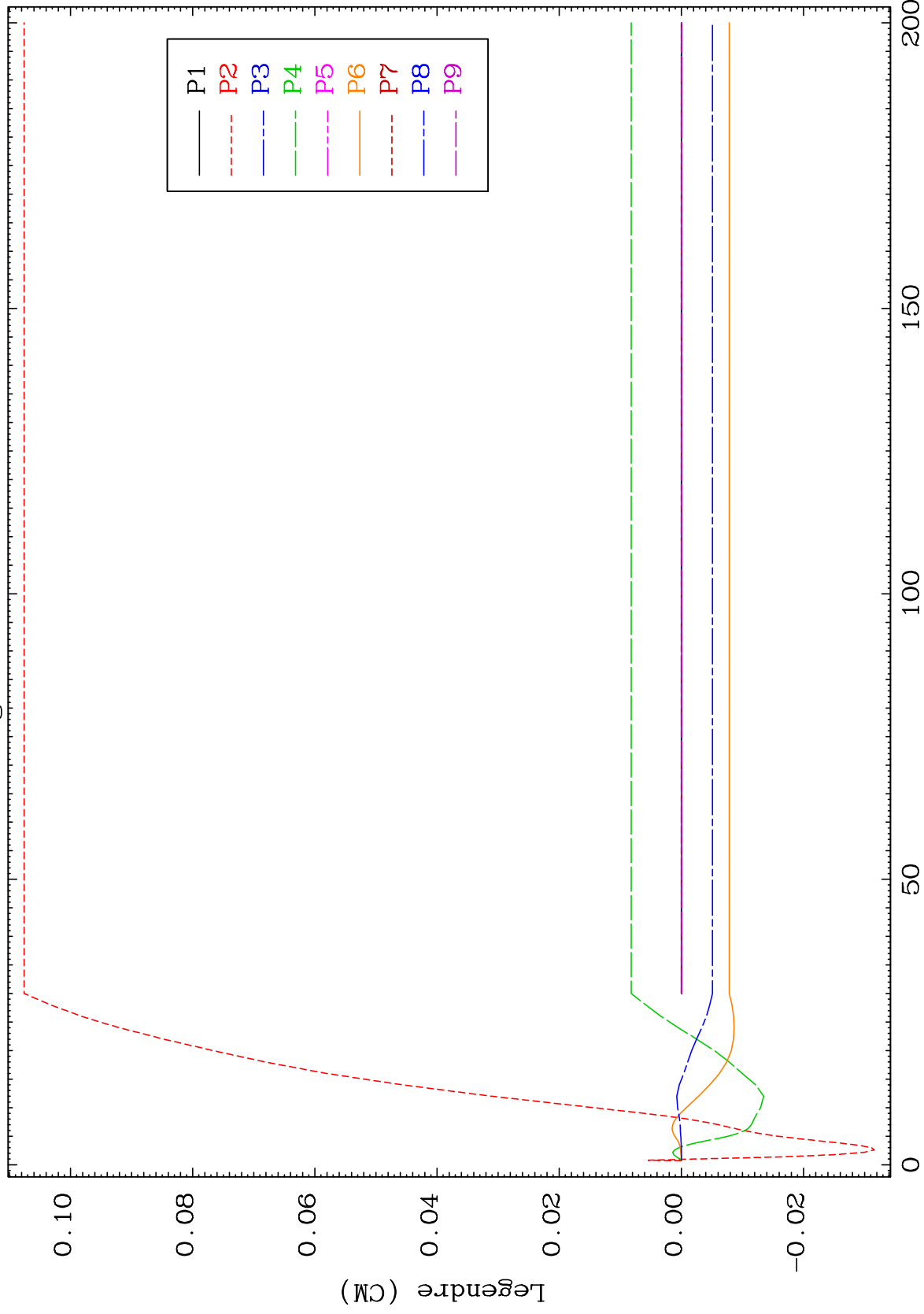
48-Cd-111



MAT 4840

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

48-Cd-111



41

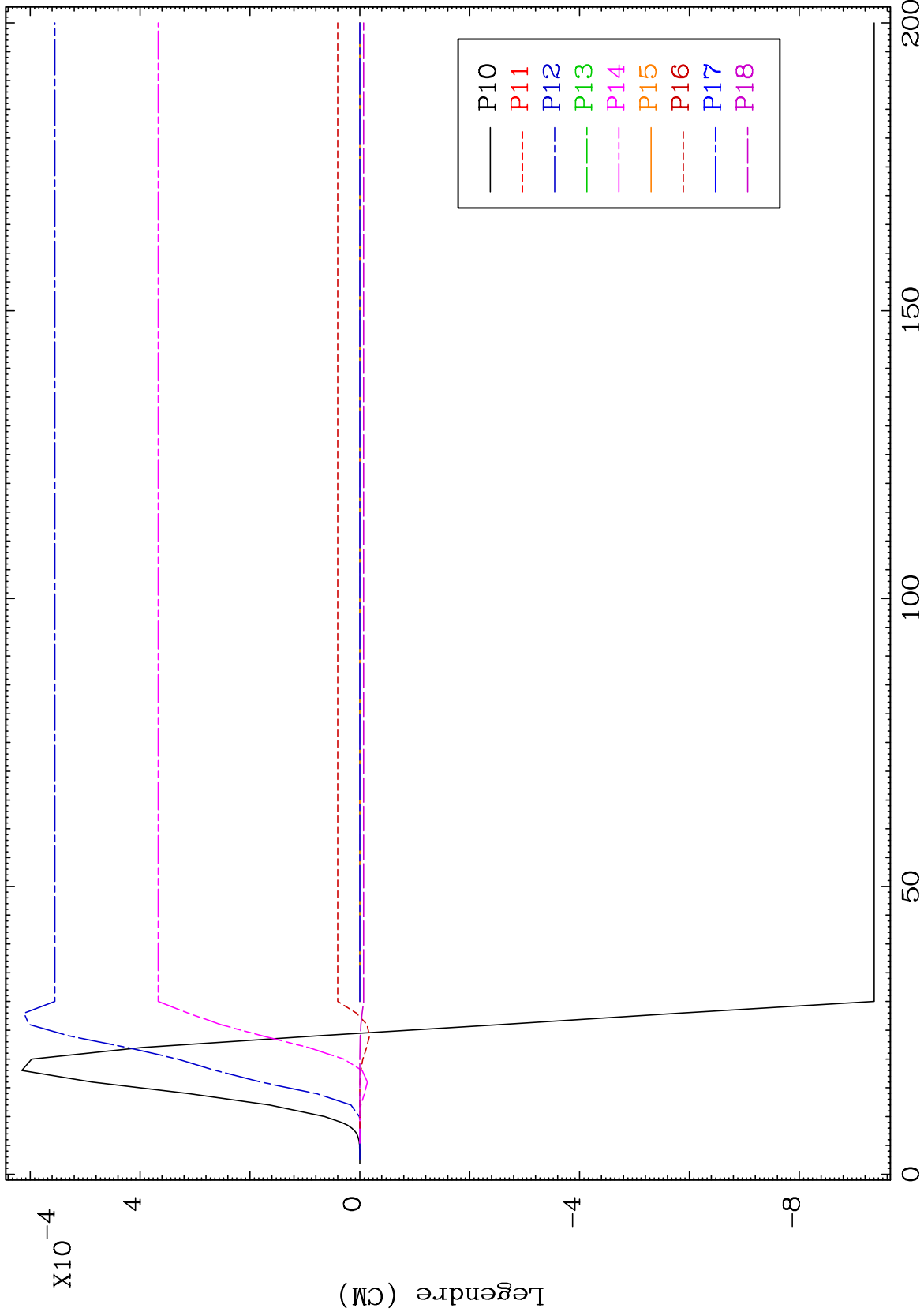
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

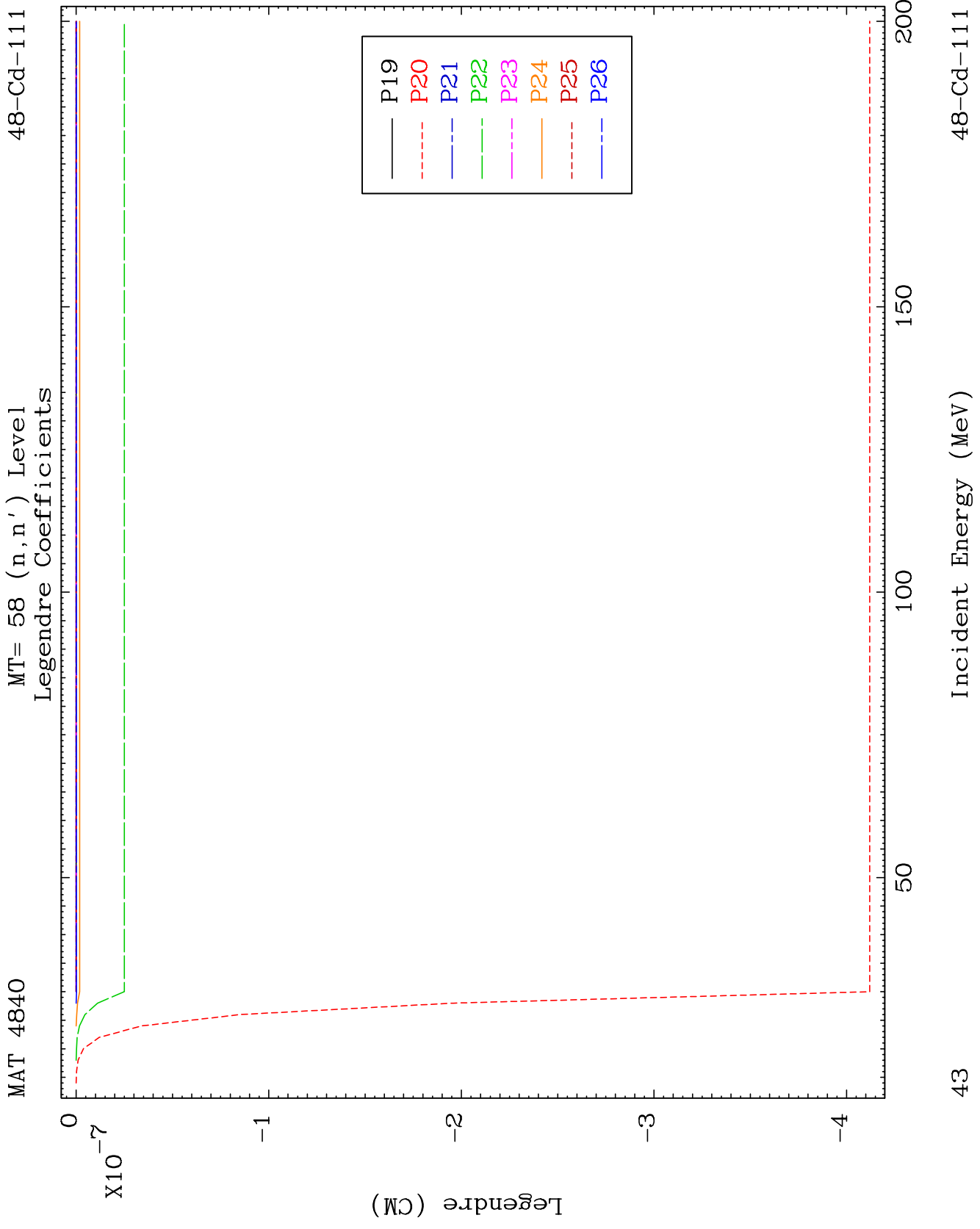
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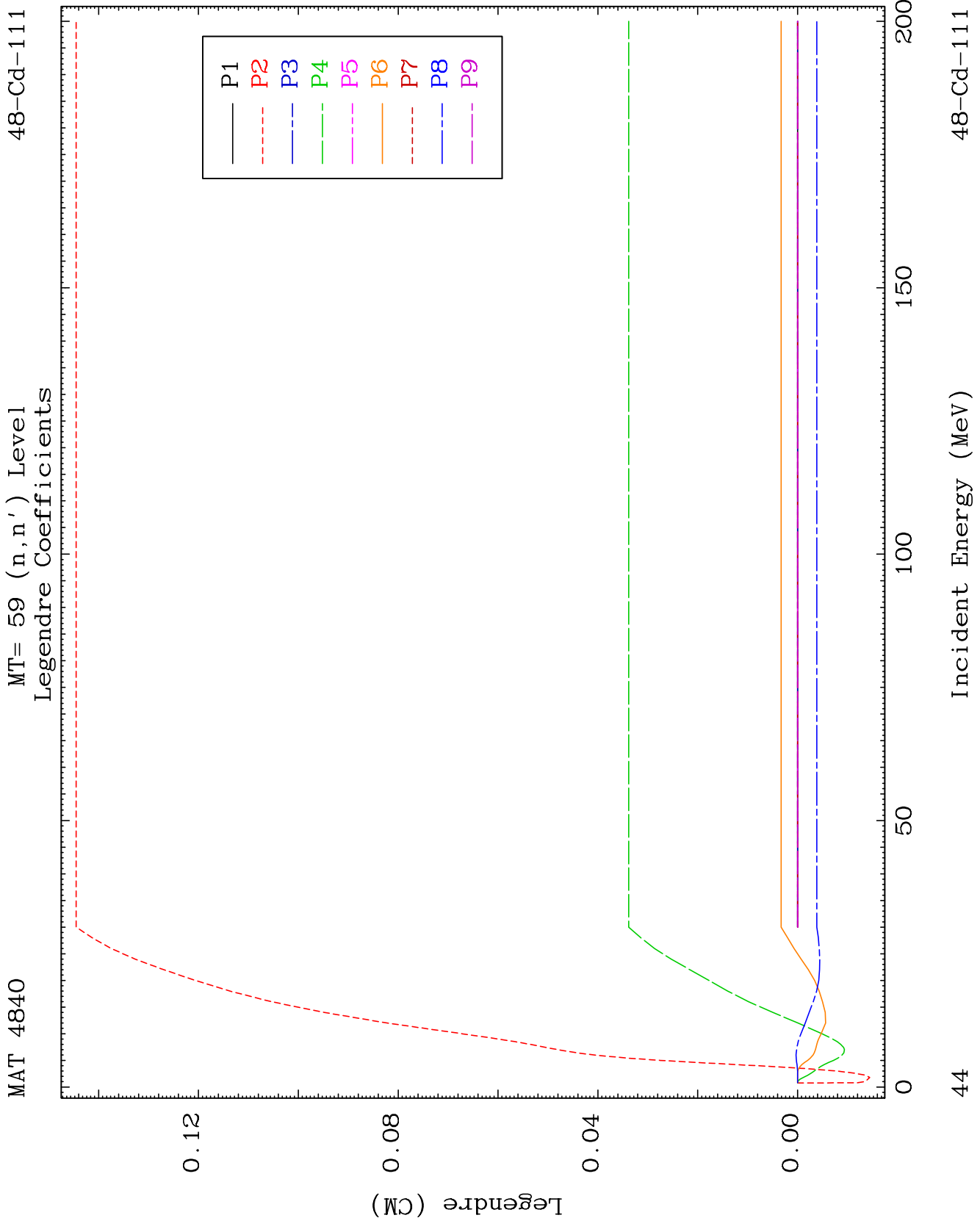


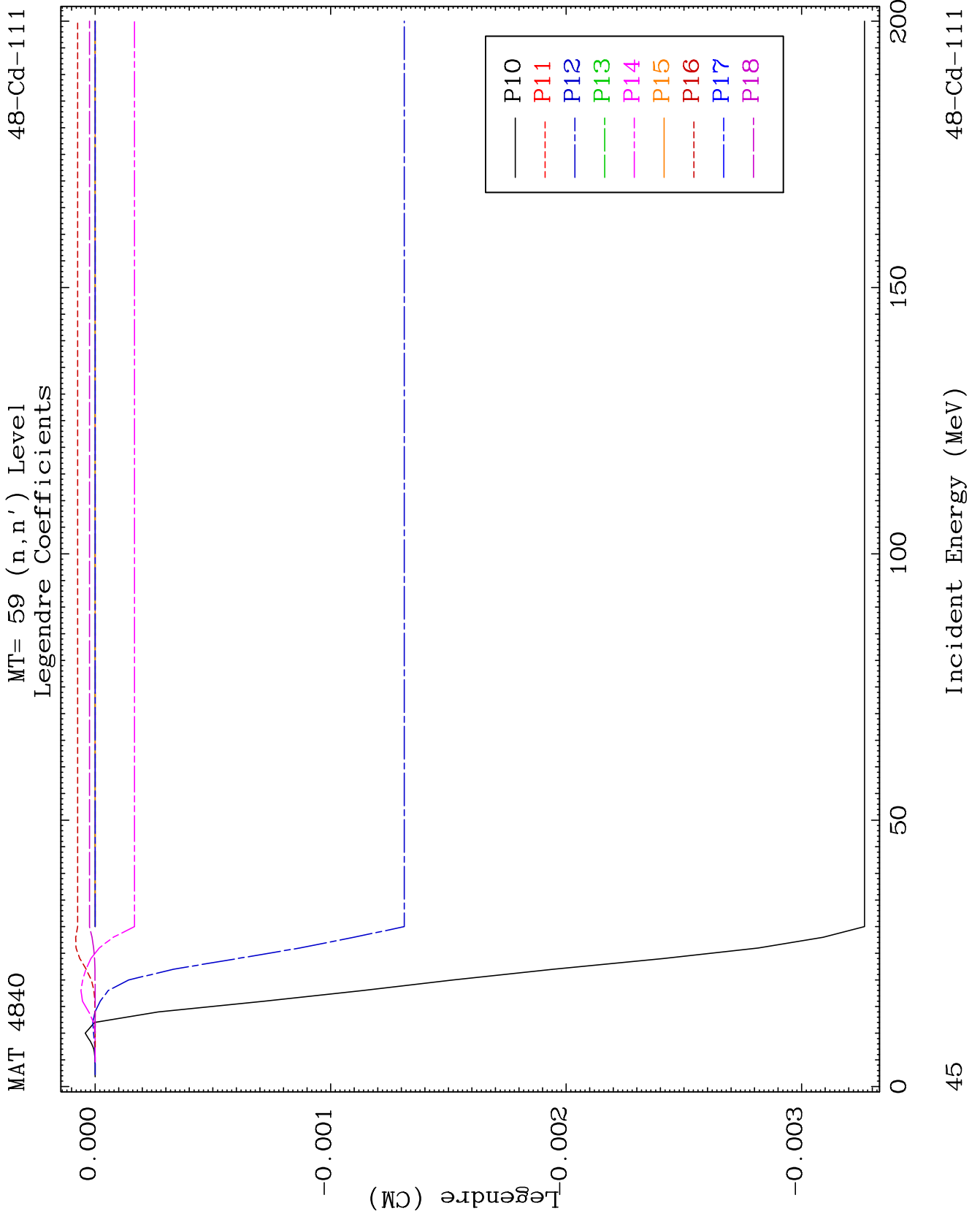
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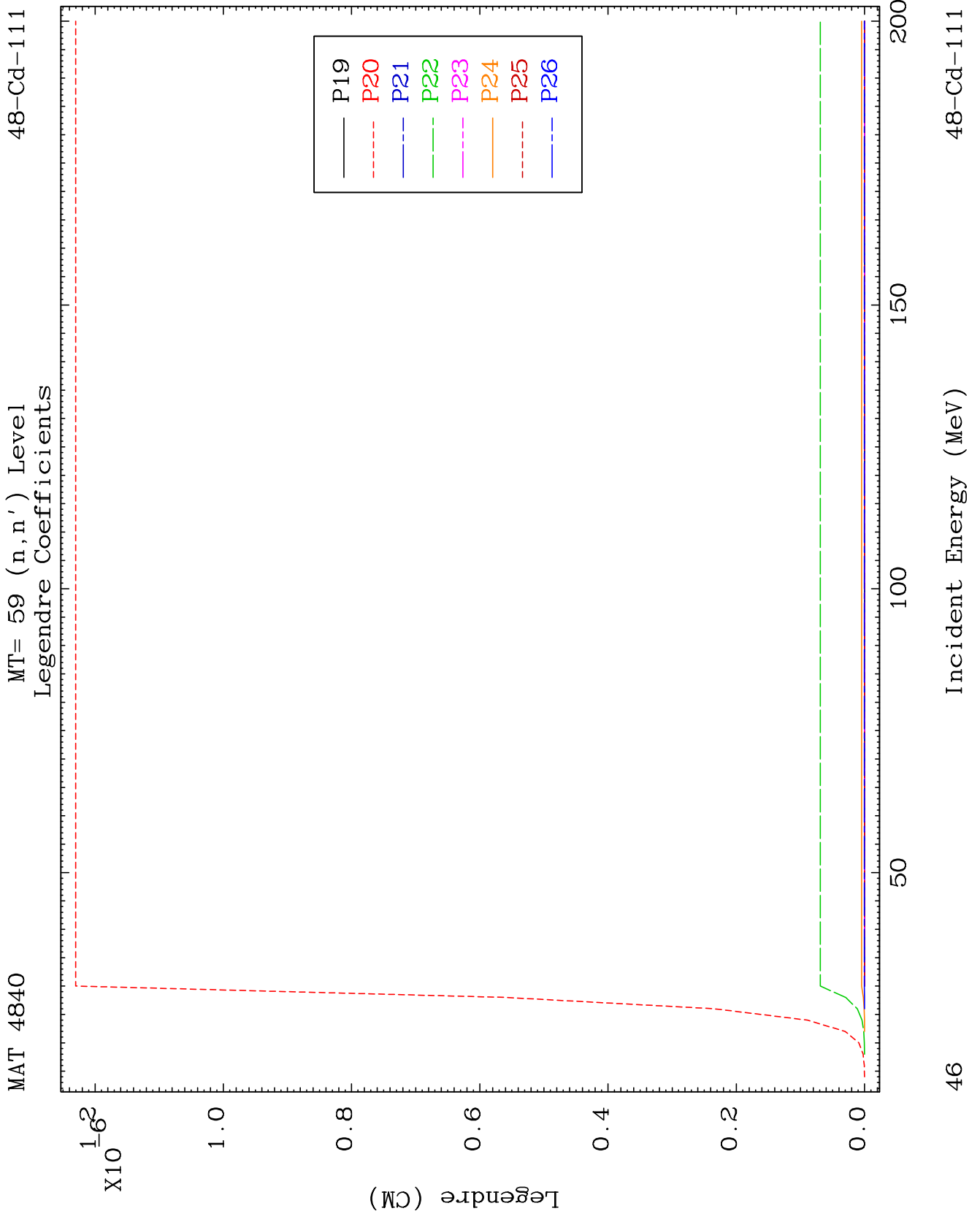
Incident Energy (MeV)

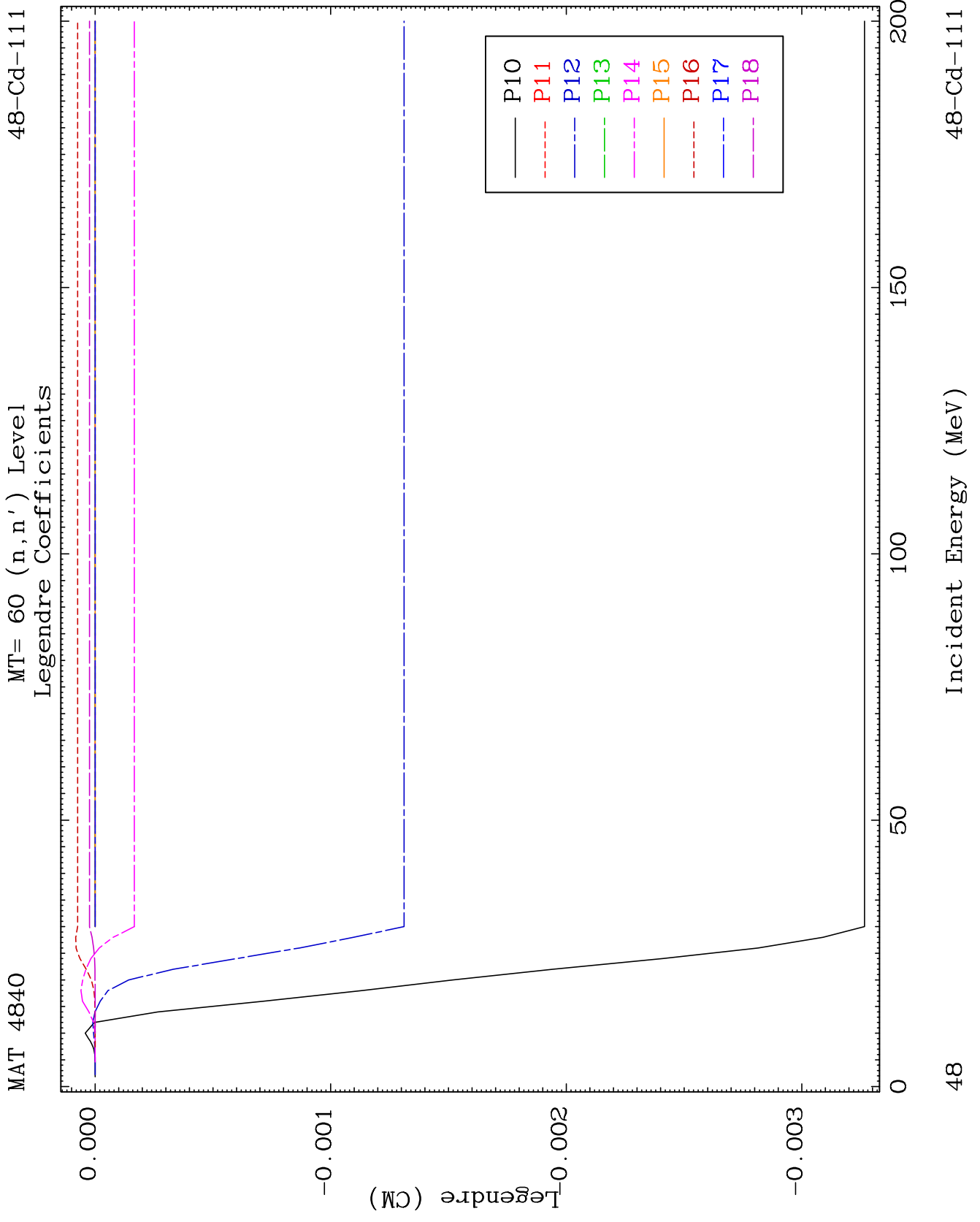
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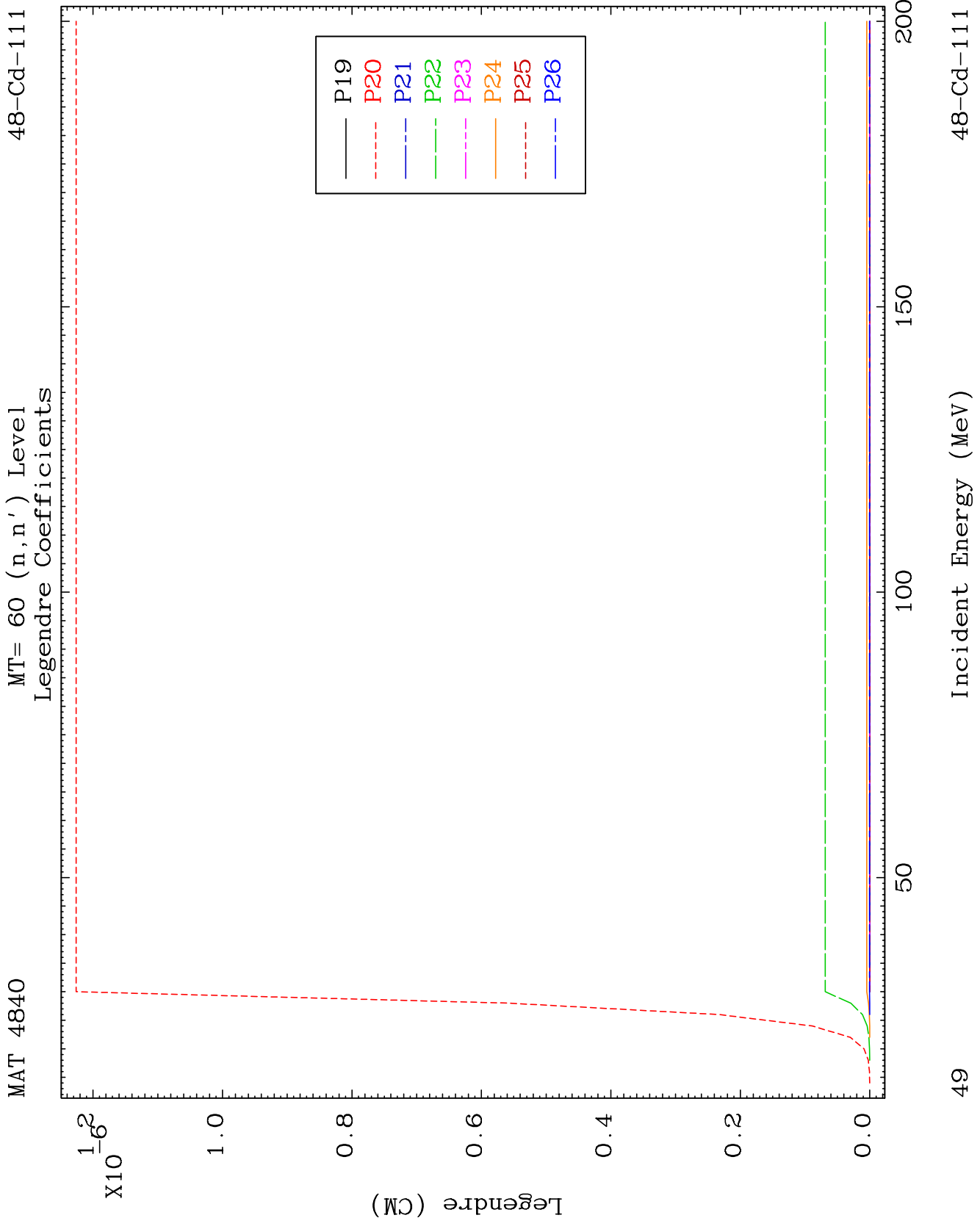


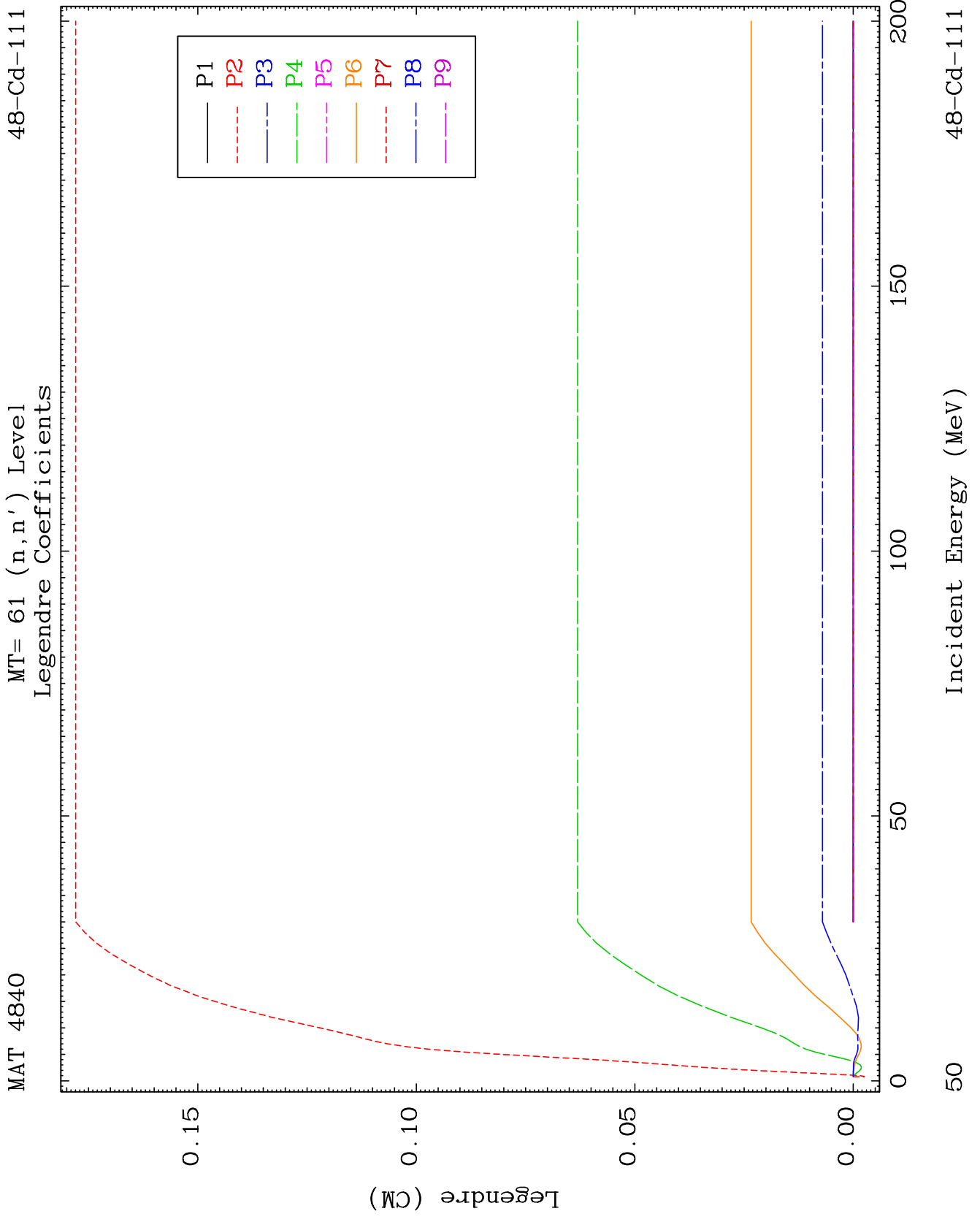








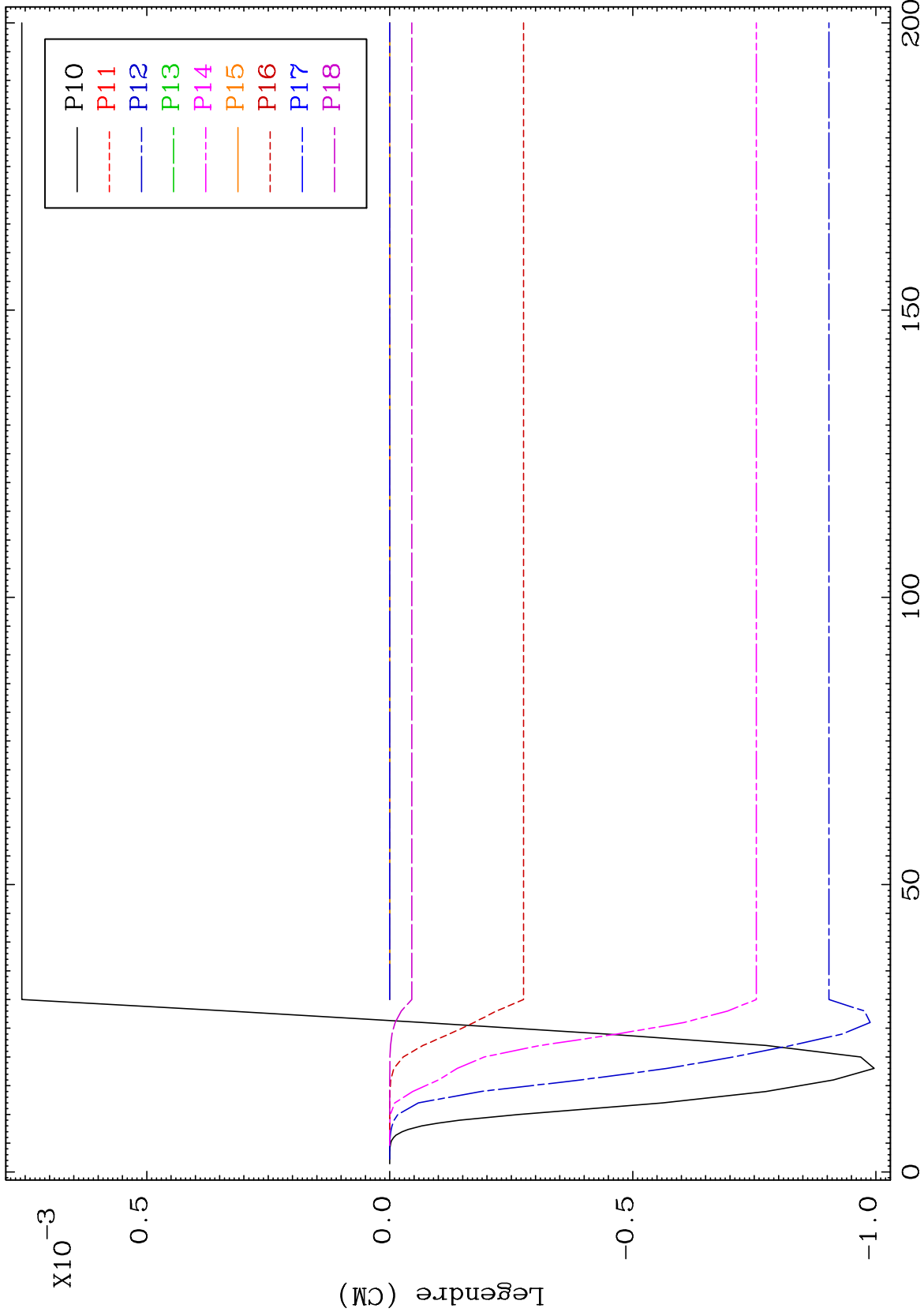




MAT 4840

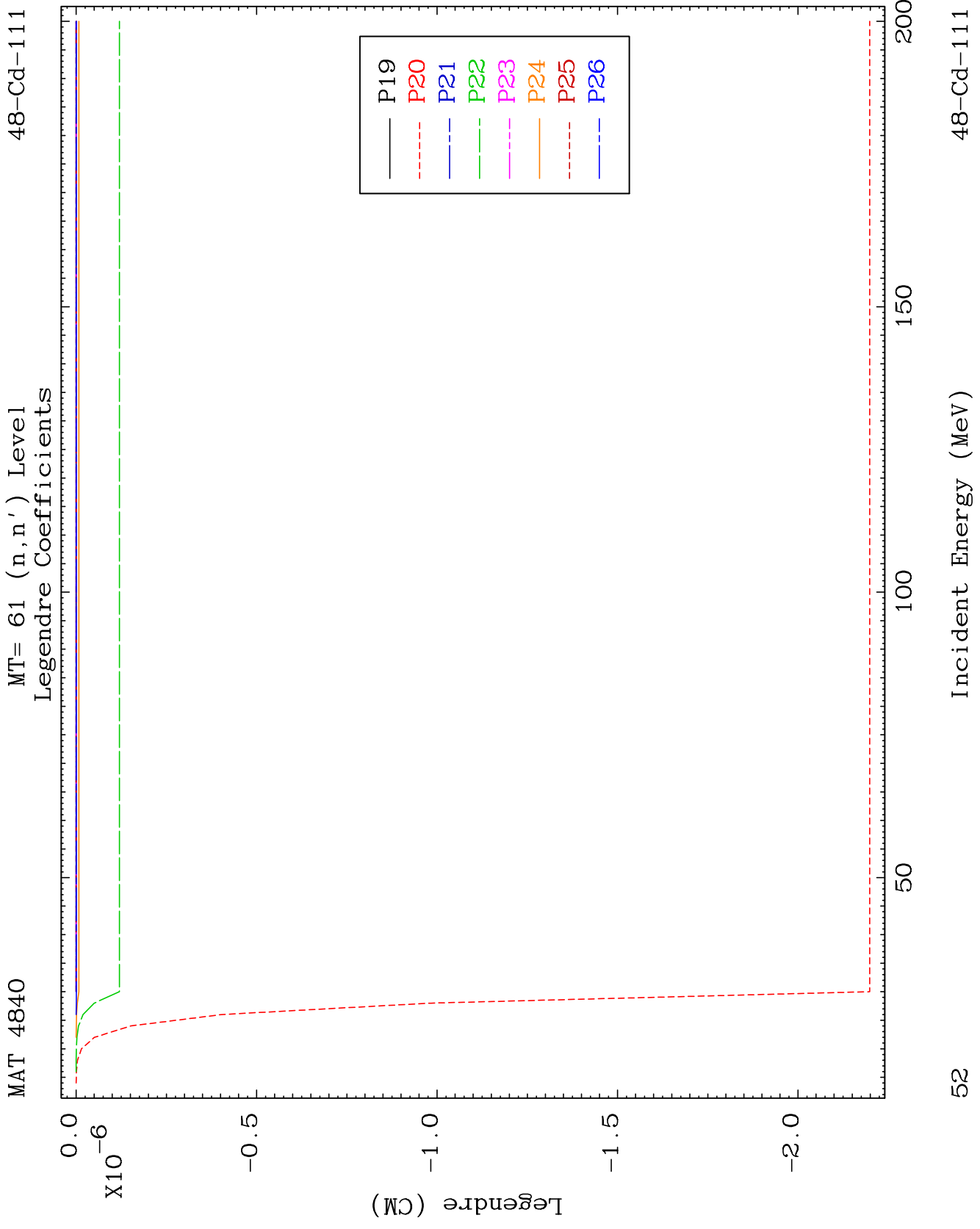
MT= 61 (n,n') Level
Legendre Coefficients

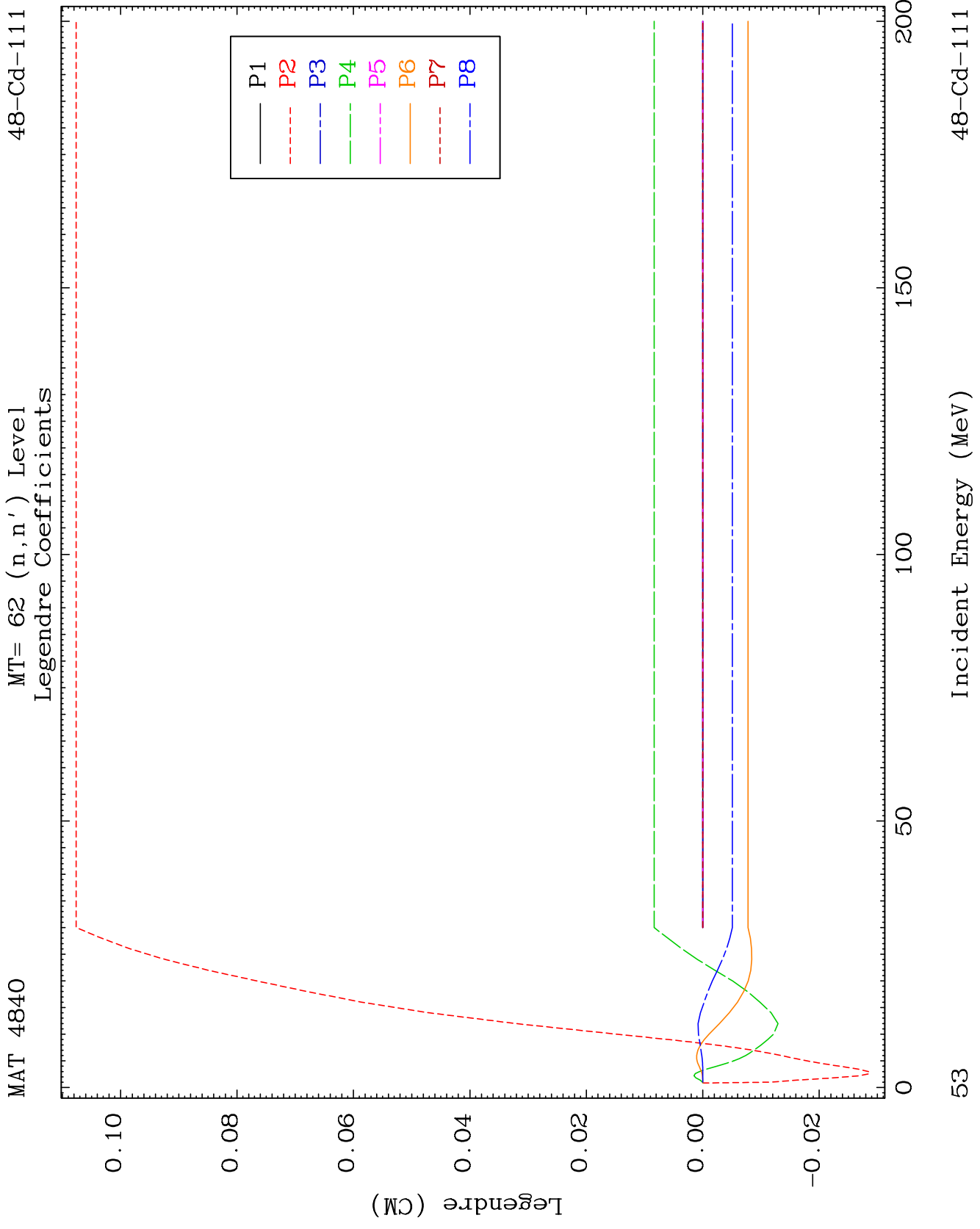
48-Cd-111



51

48-Cd-111

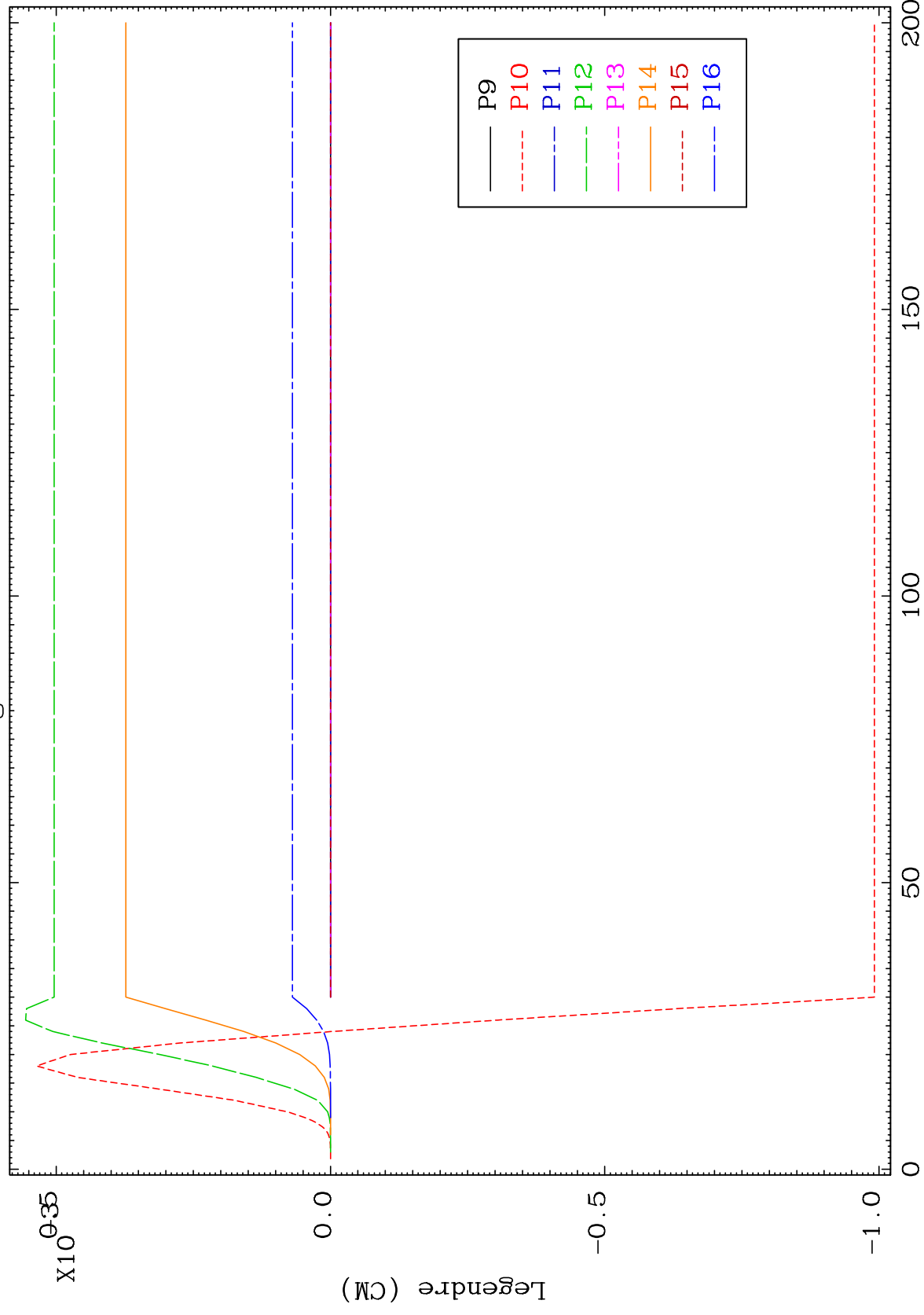




MAT 4840

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

48-Cd-111



54

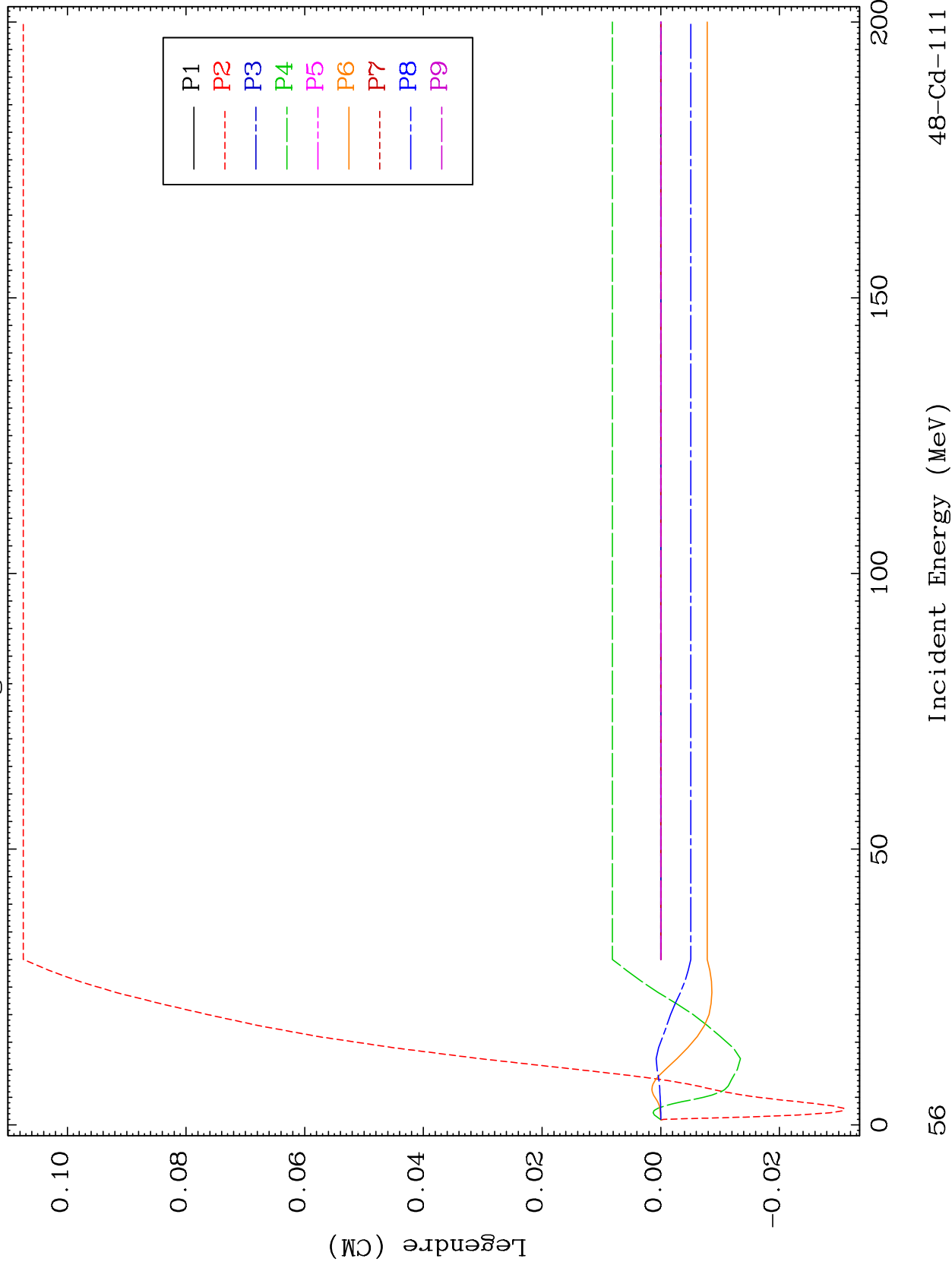
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



48-Cd-111

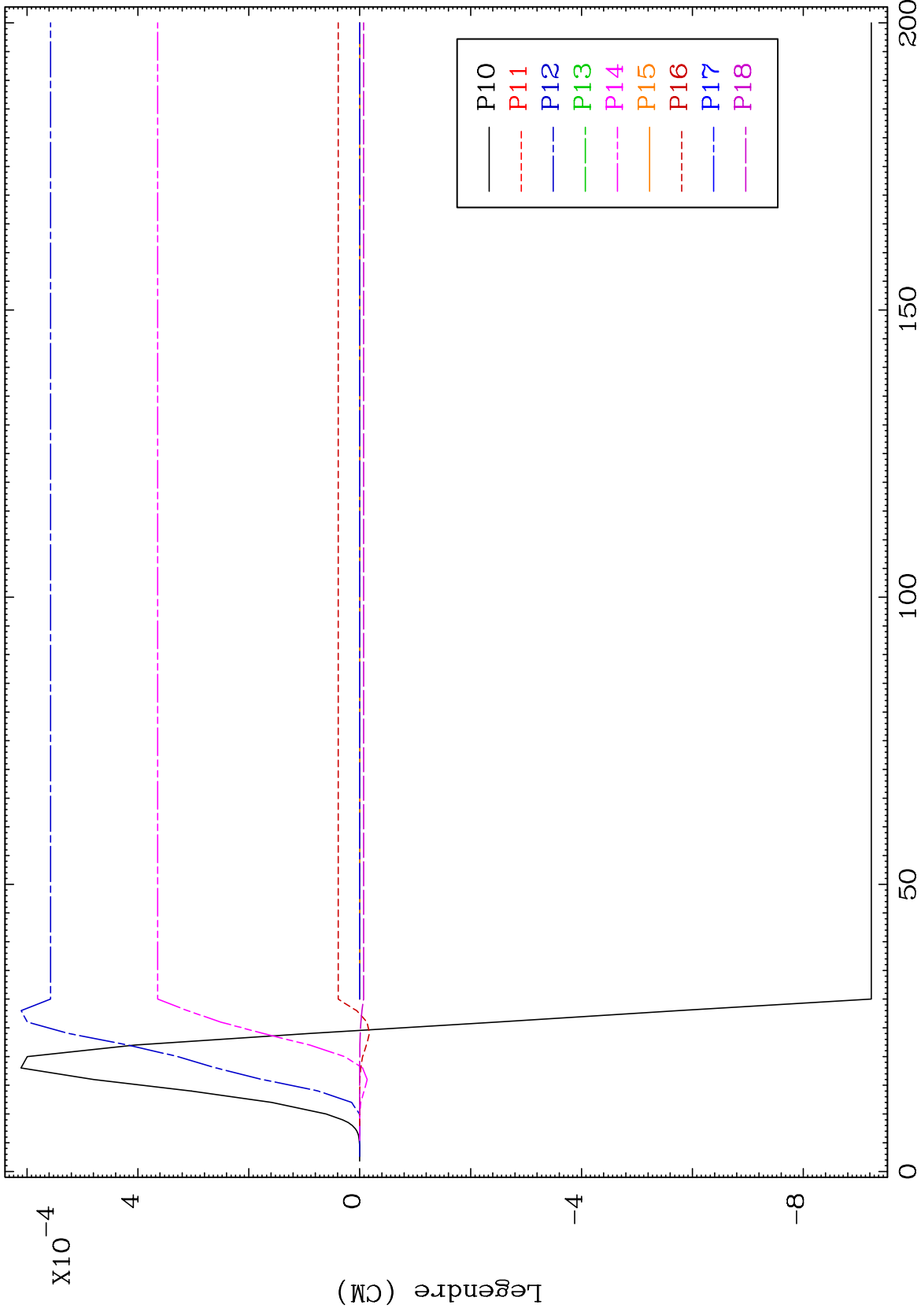
Incident Energy (MeV)

56

MAT 4840

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

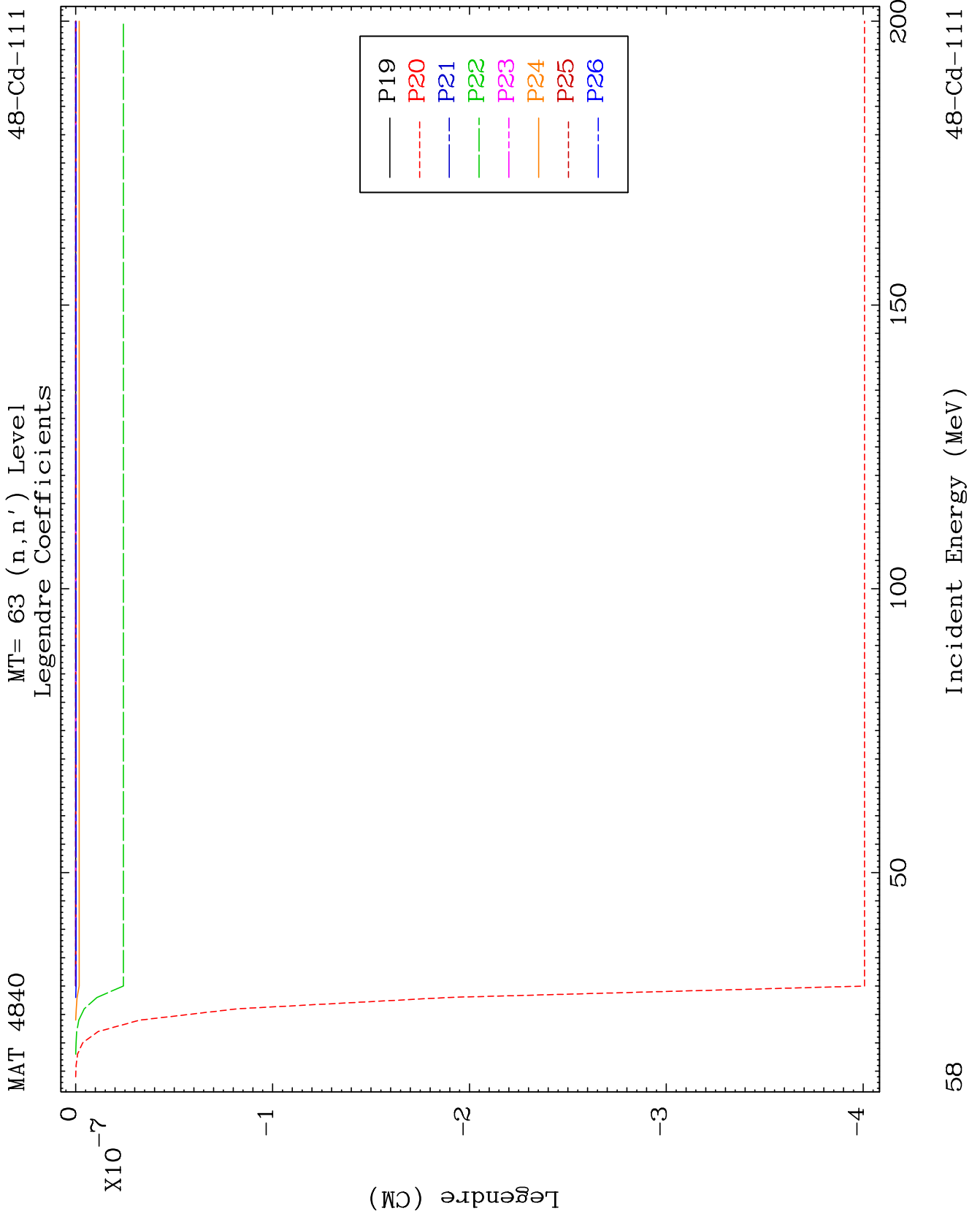
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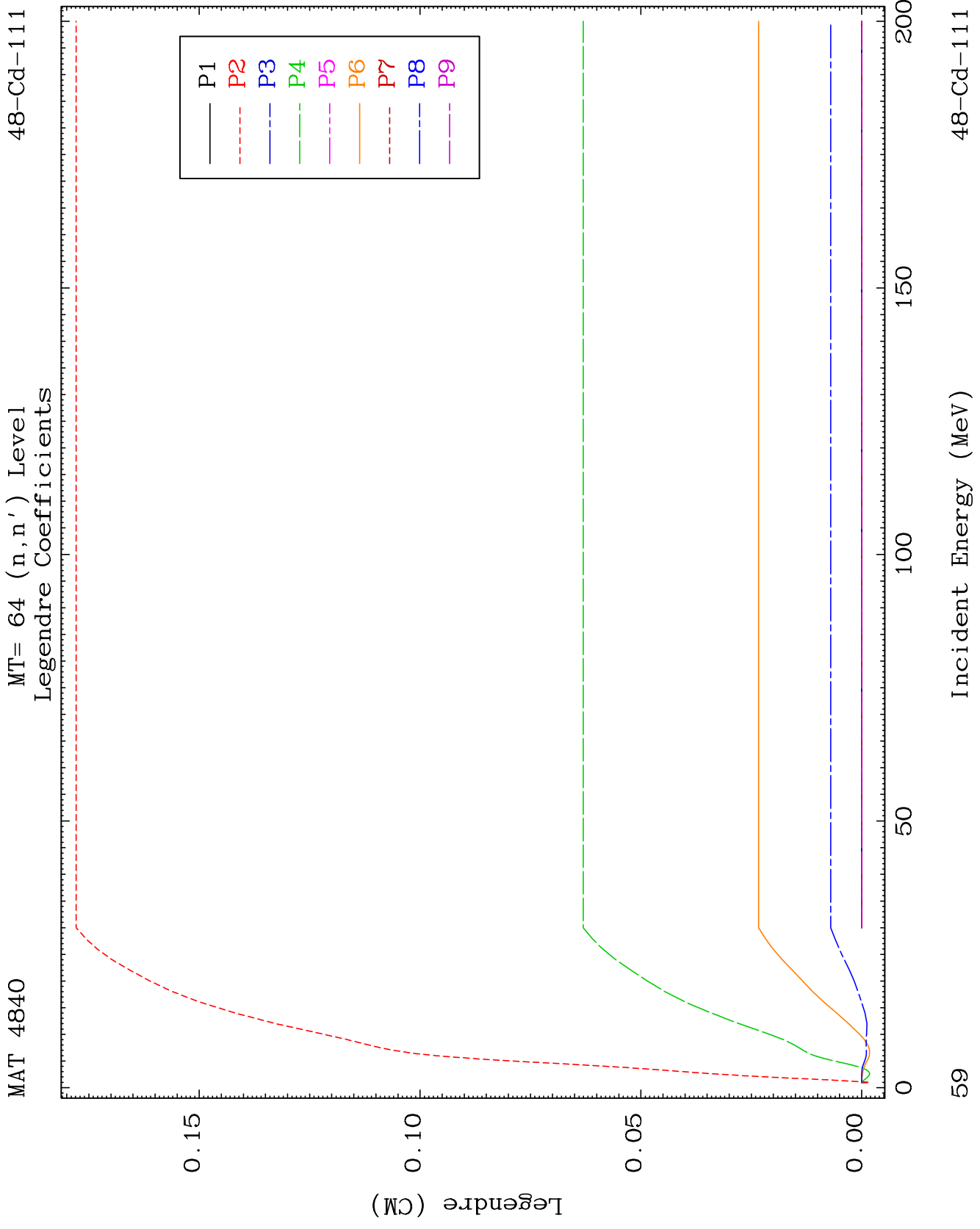


57

Incident Energy (MeV)

48-Cd-111

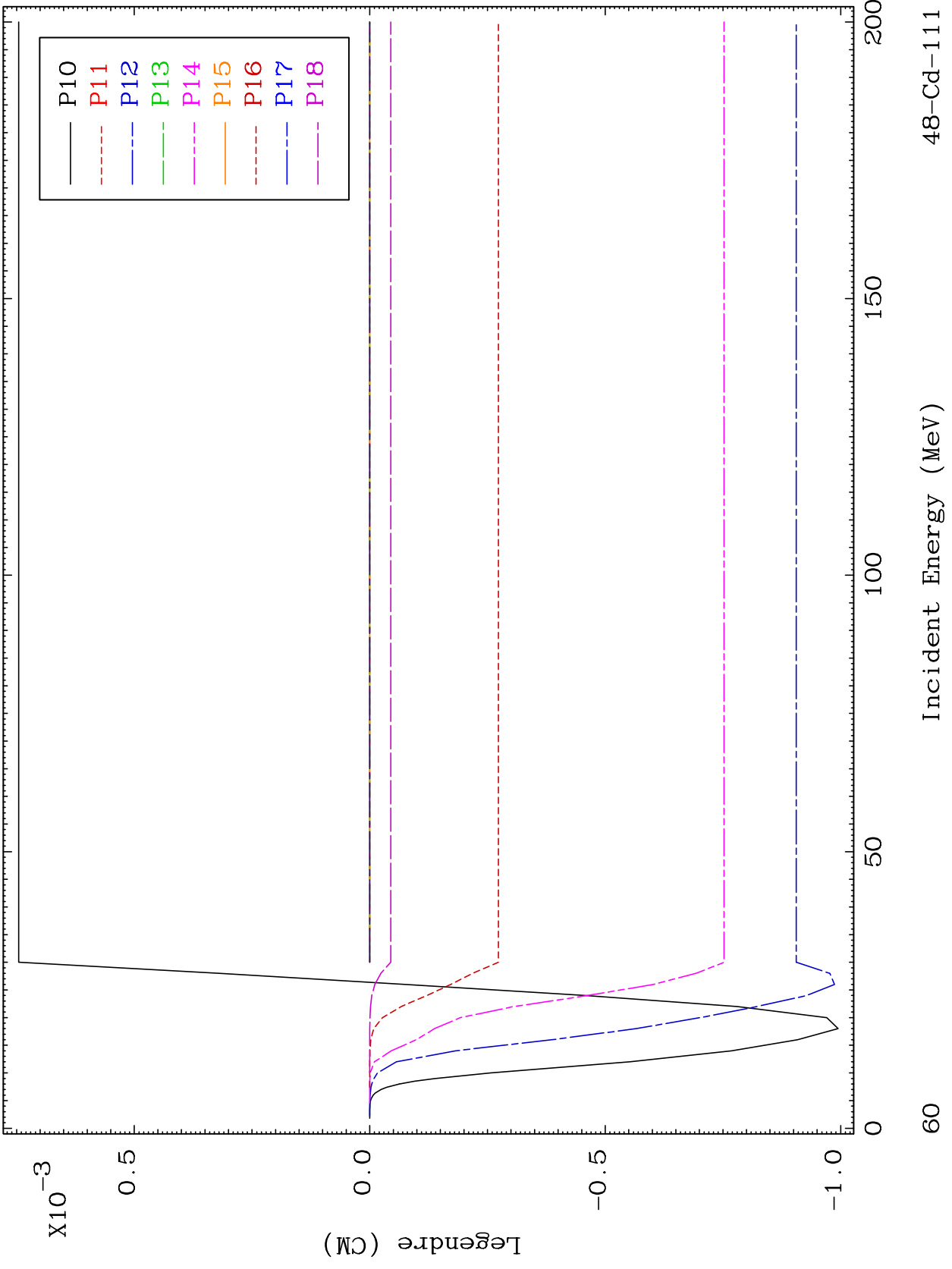




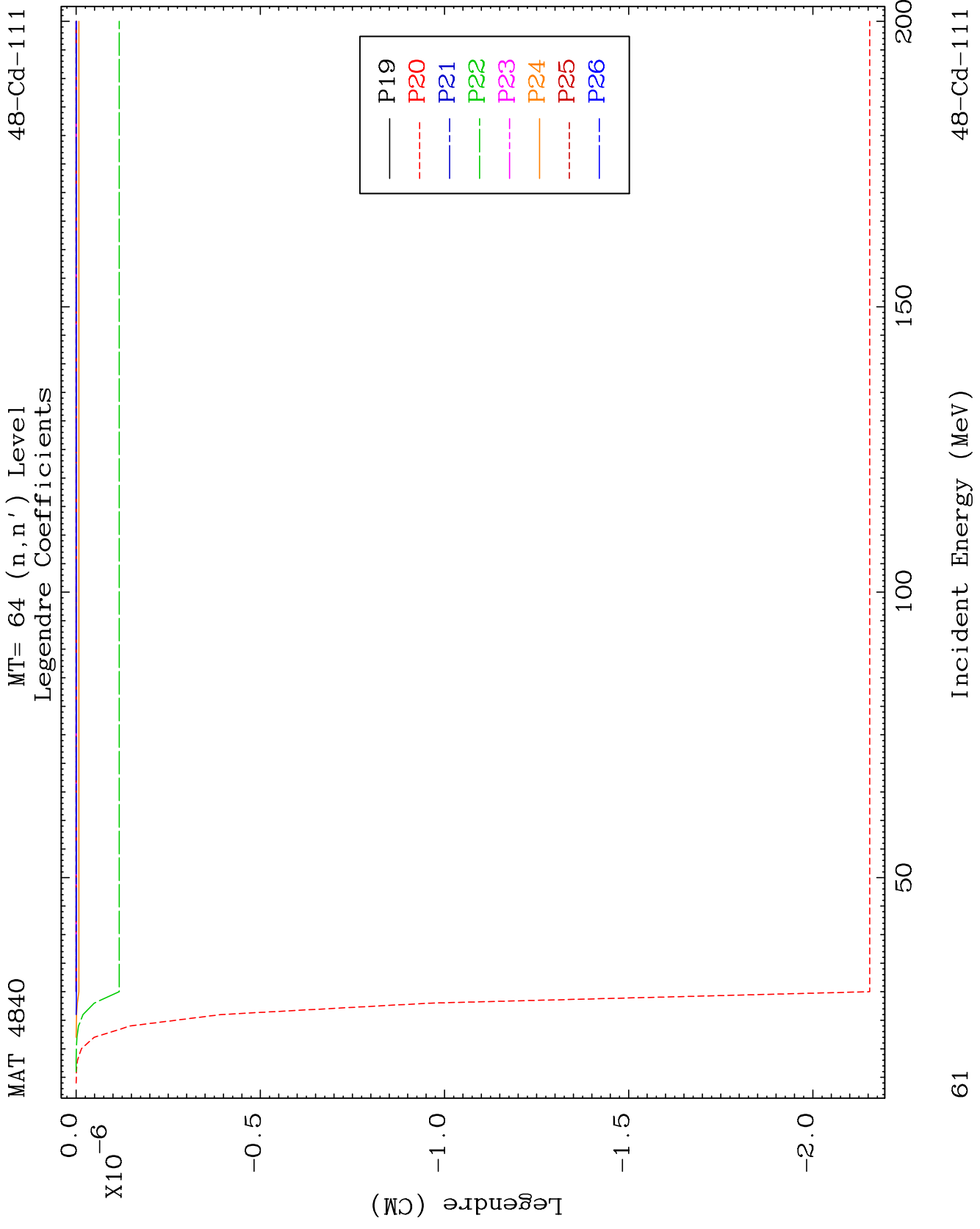
MAT 4840

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

48-Cd-111



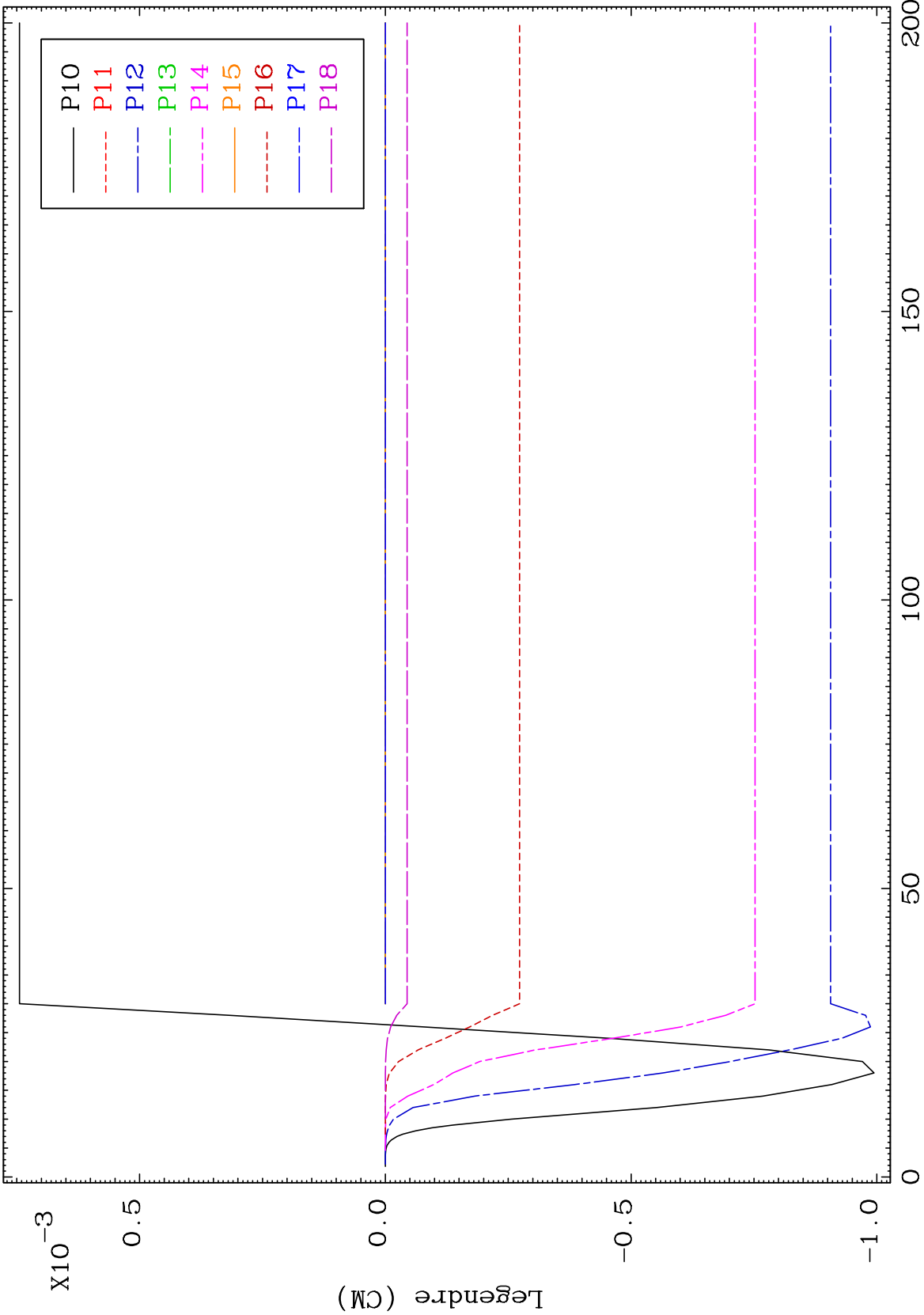
48-Cd-111



MAT 4840

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

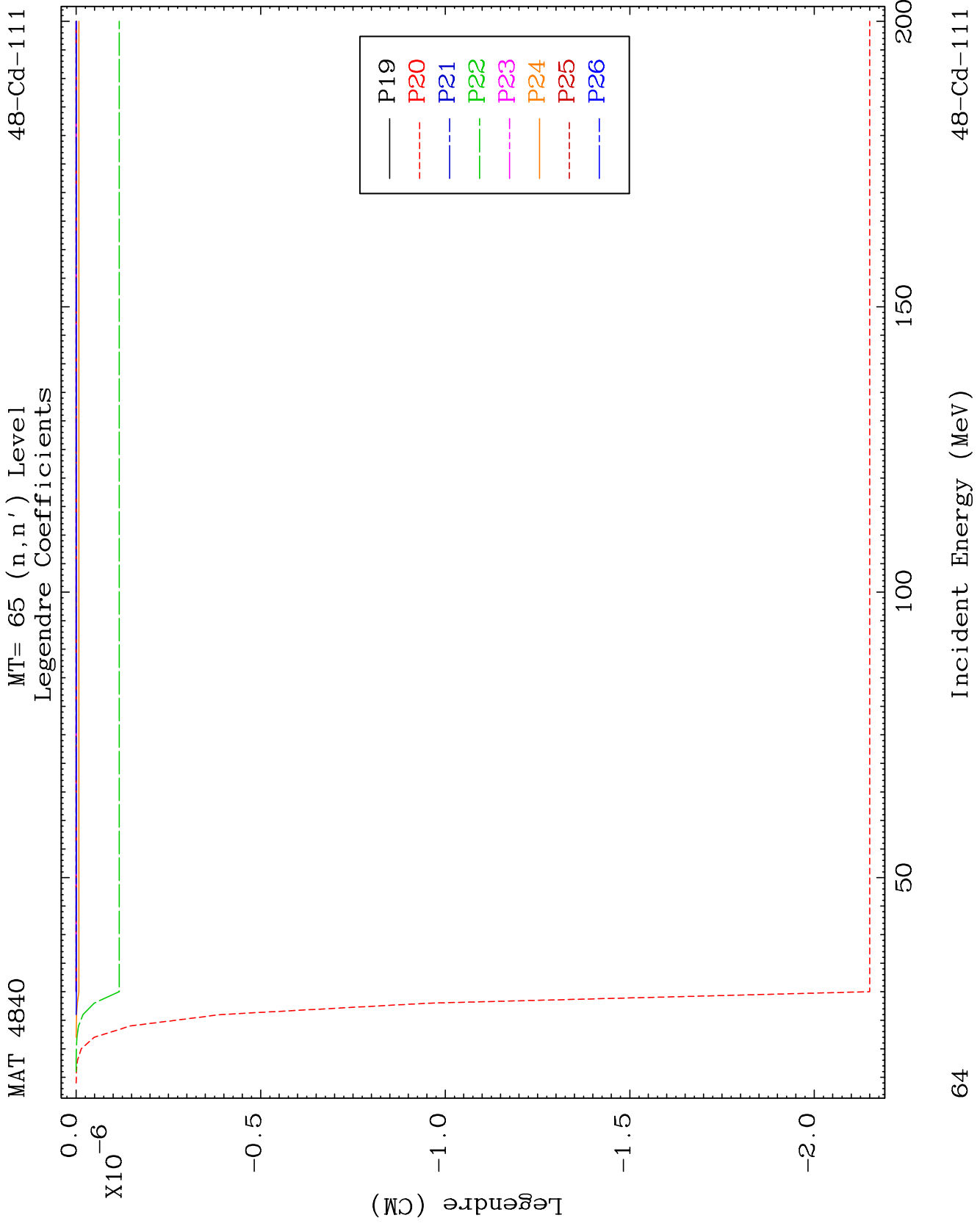
48-Cd-111



63

Incident Energy (MeV)

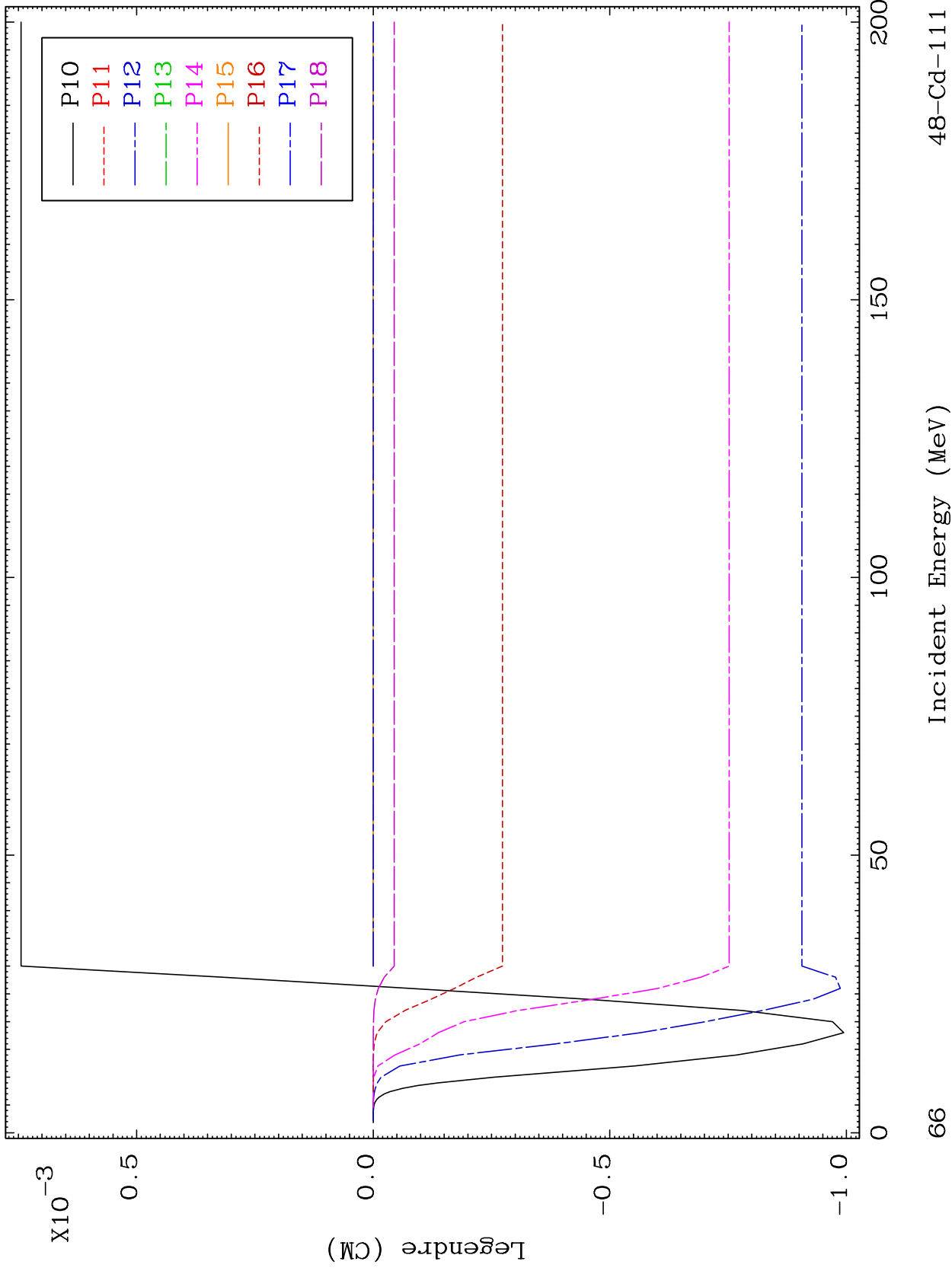
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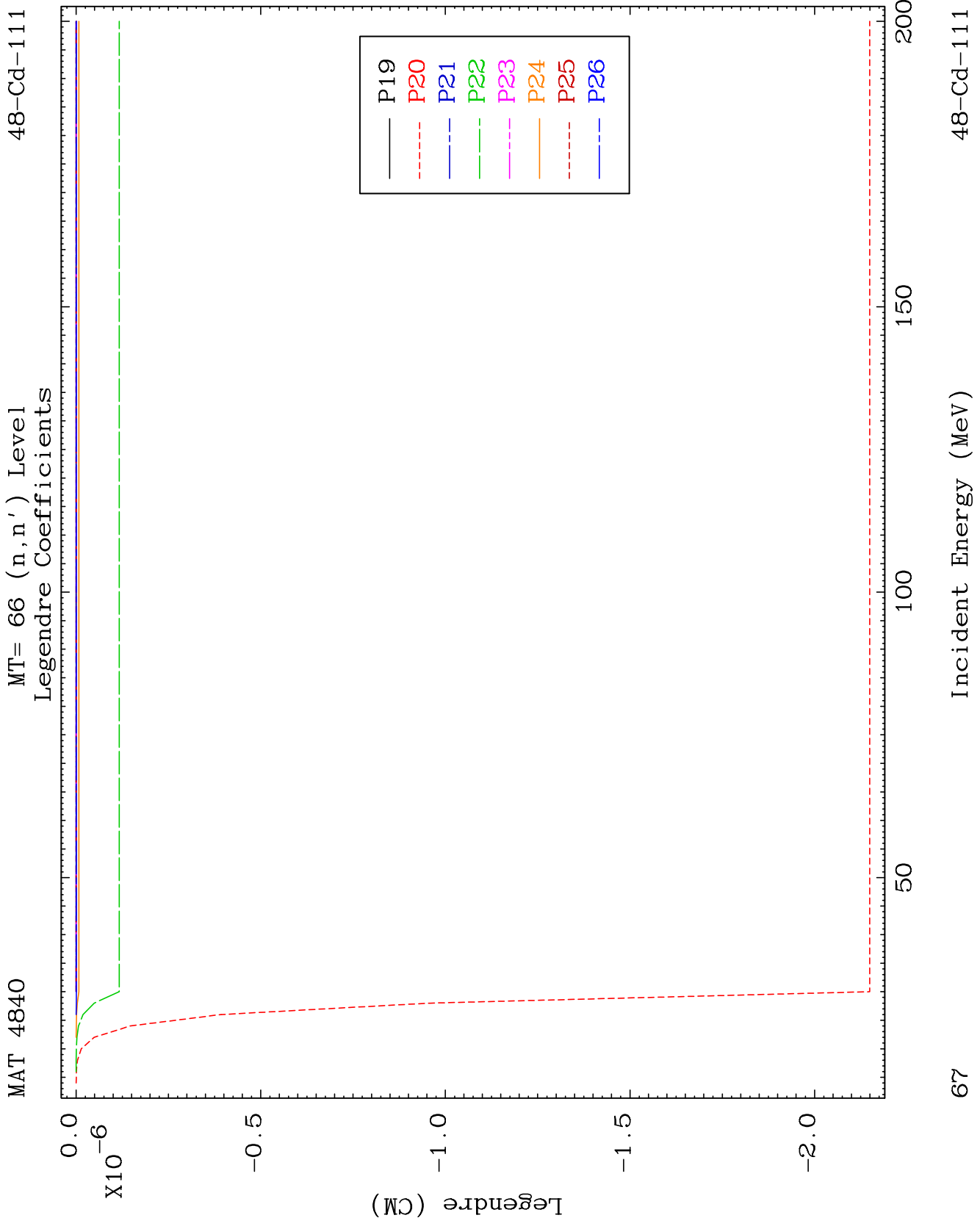


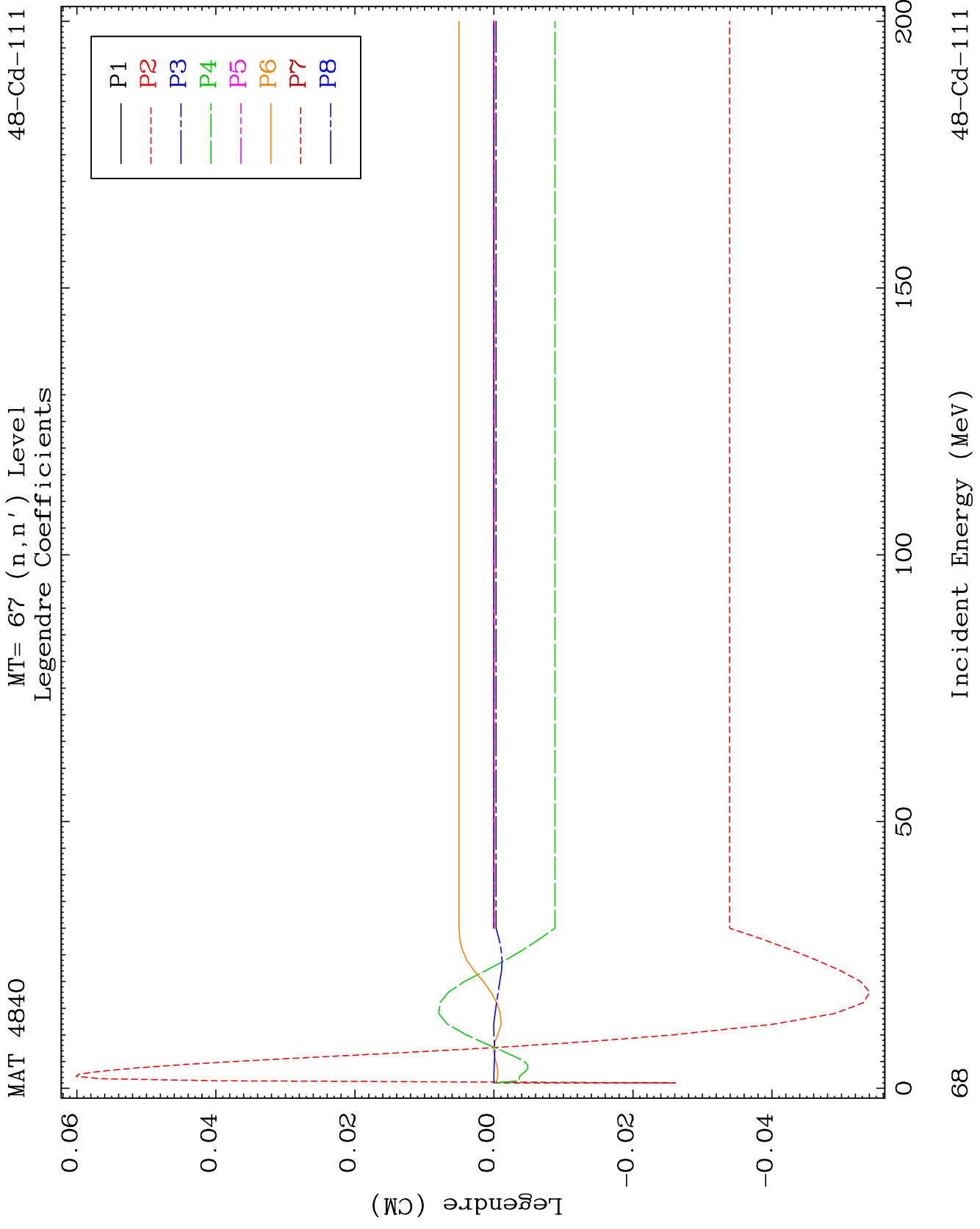
MAT 4840

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

48-Cd-111







48-Cd-111

Incident Energy (MeV)

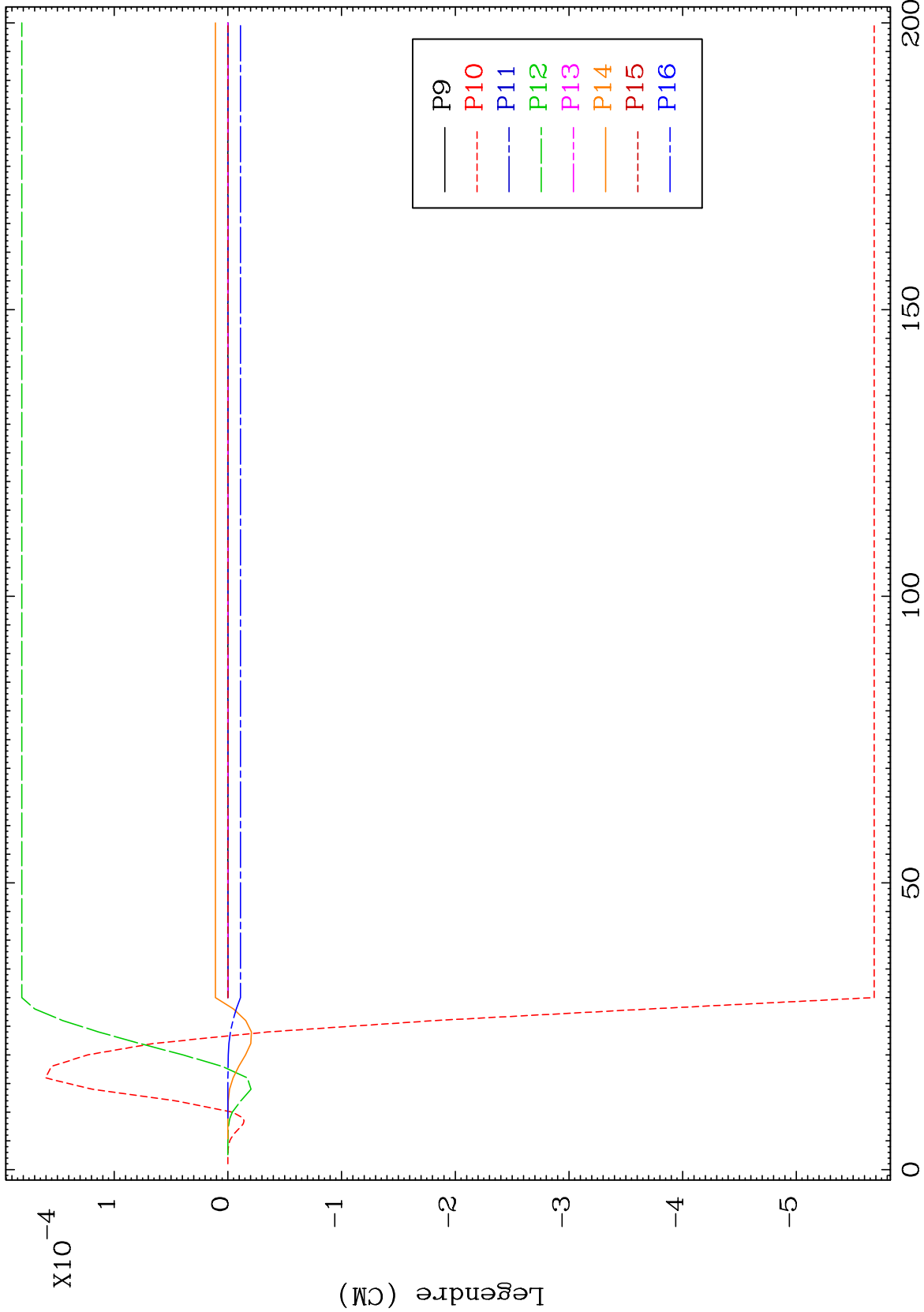
68

MAT 4840

MT= 67 (n,n') Level

48-Cd-111

Legendre Coefficients



69

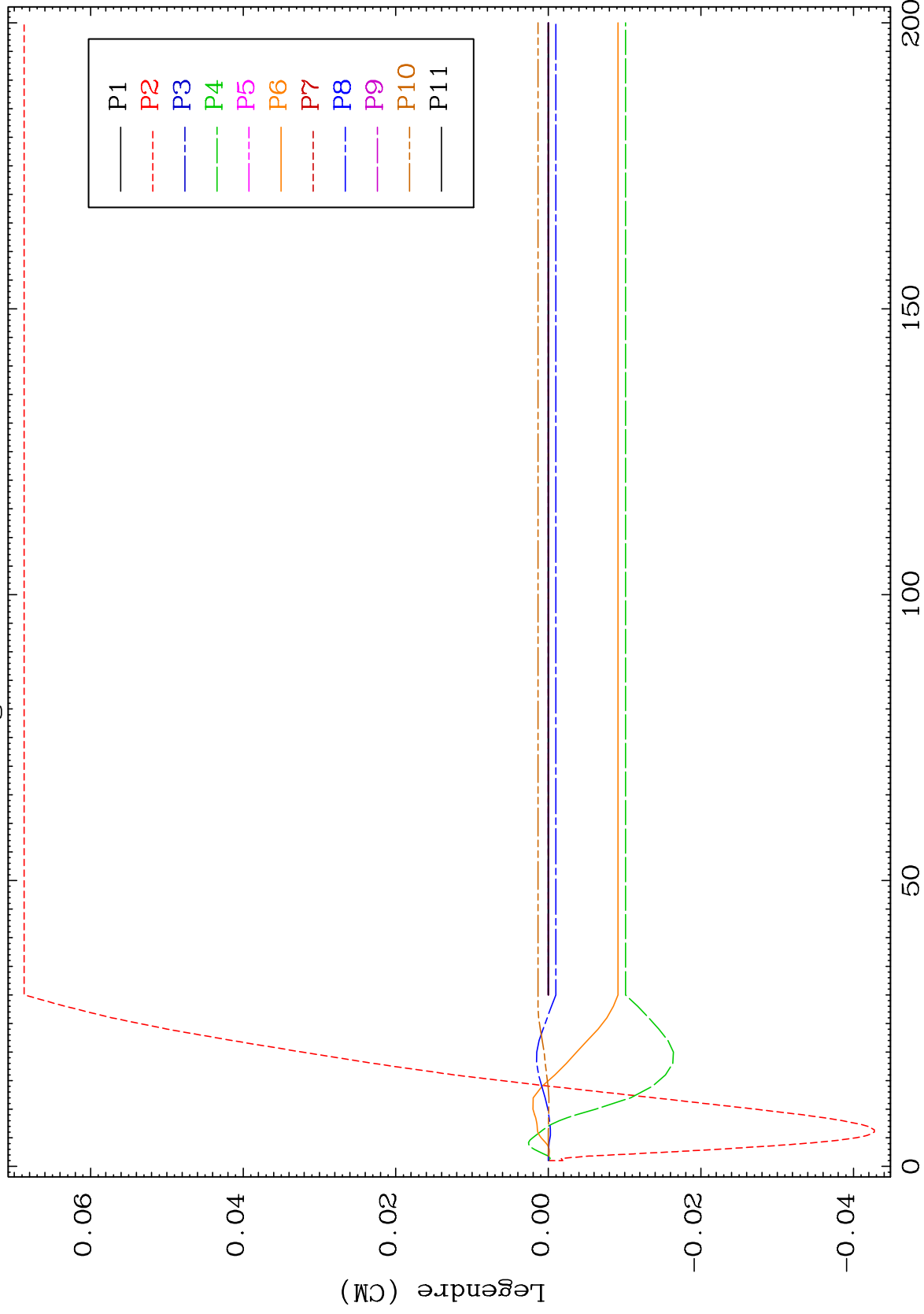
Incident Energy (MeV)

48-Cd-111

MAT 4840

MT= 68 (n,n') Level
Legendre Coefficients

48-Cd-111



71

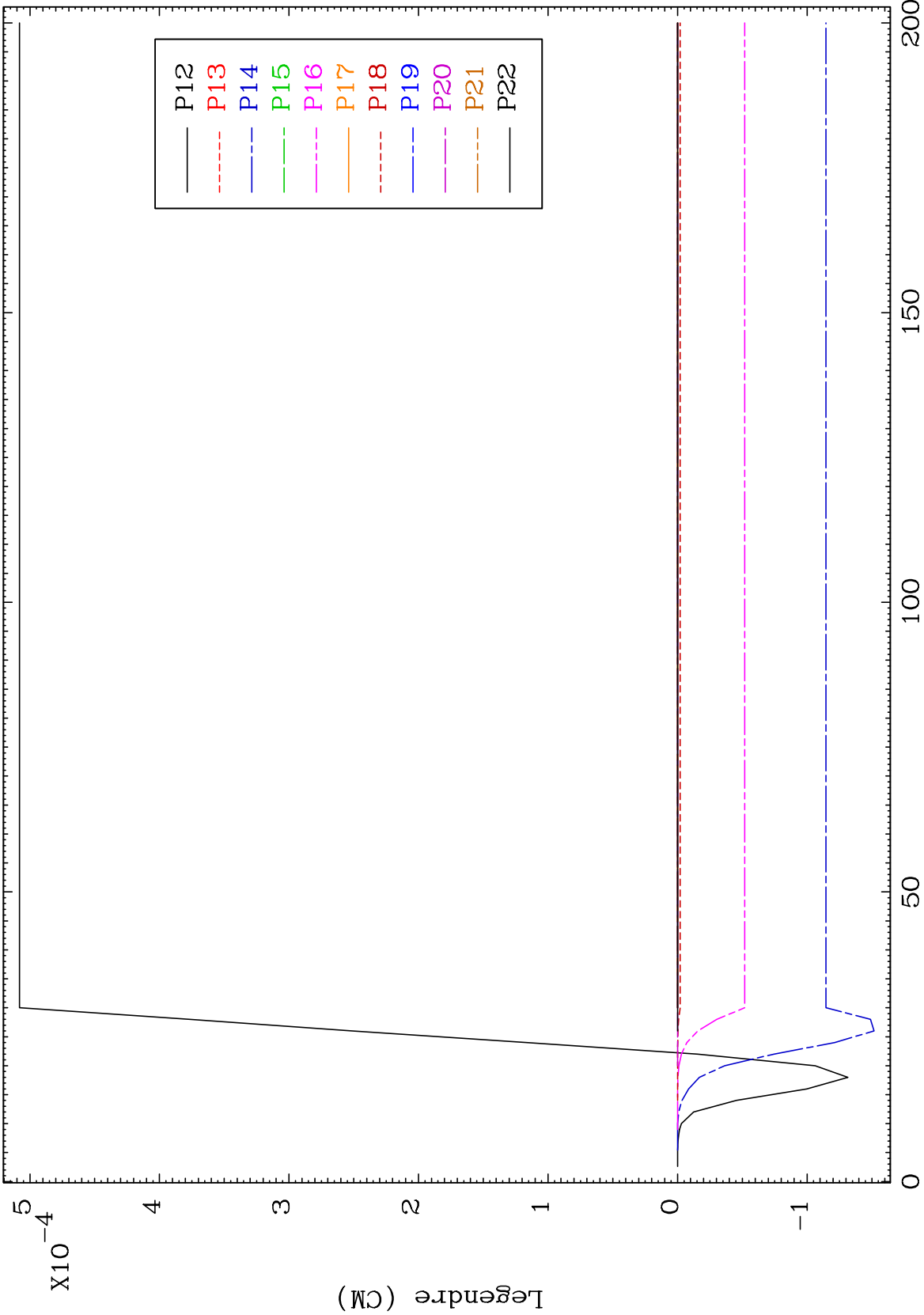
Incident Energy (MeV)

48-Cd-111

MAT 4840

MT= 68 (n,n') Level
Legendre Coefficients

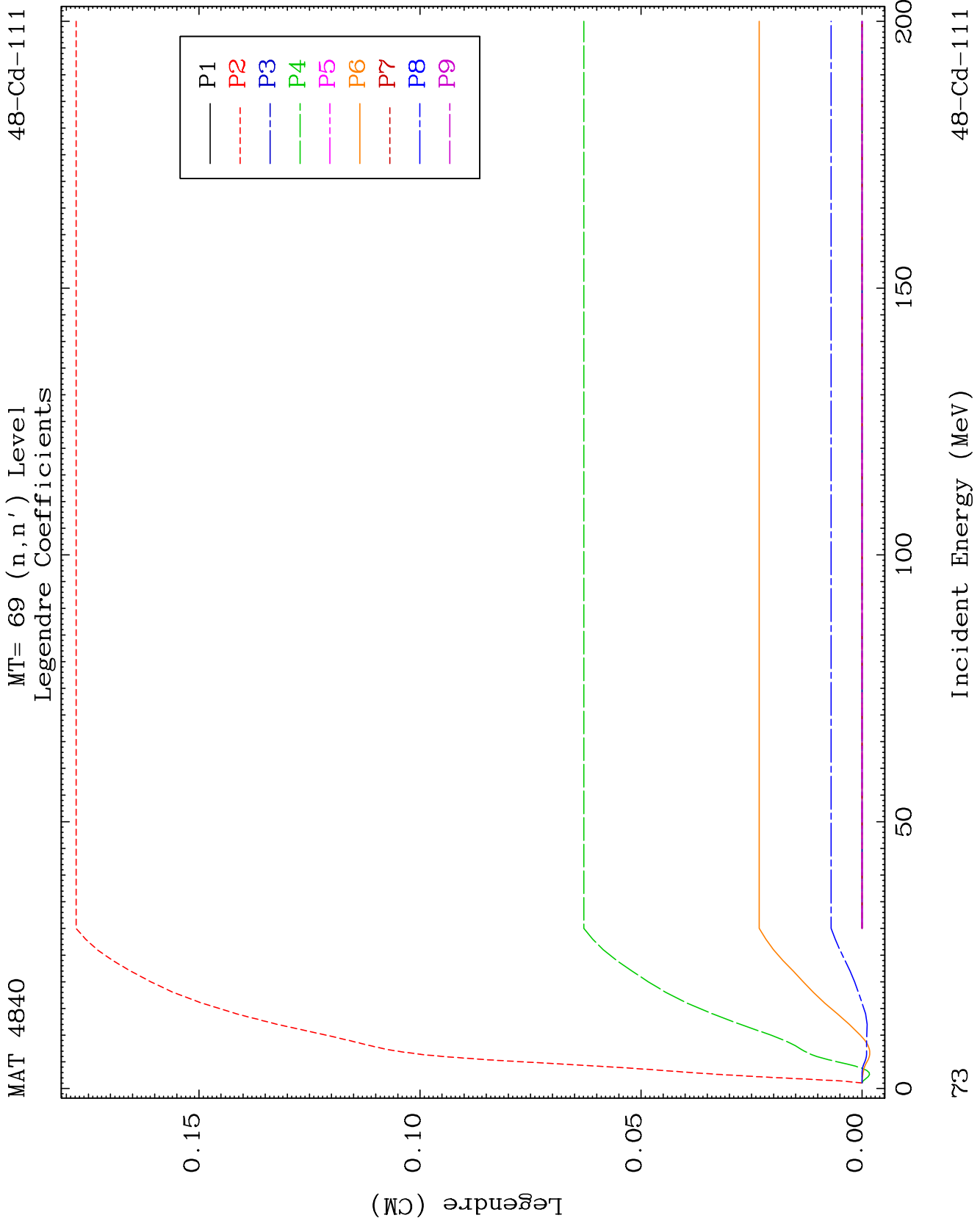
48-Cd-111



72

Incident Energy (MeV)

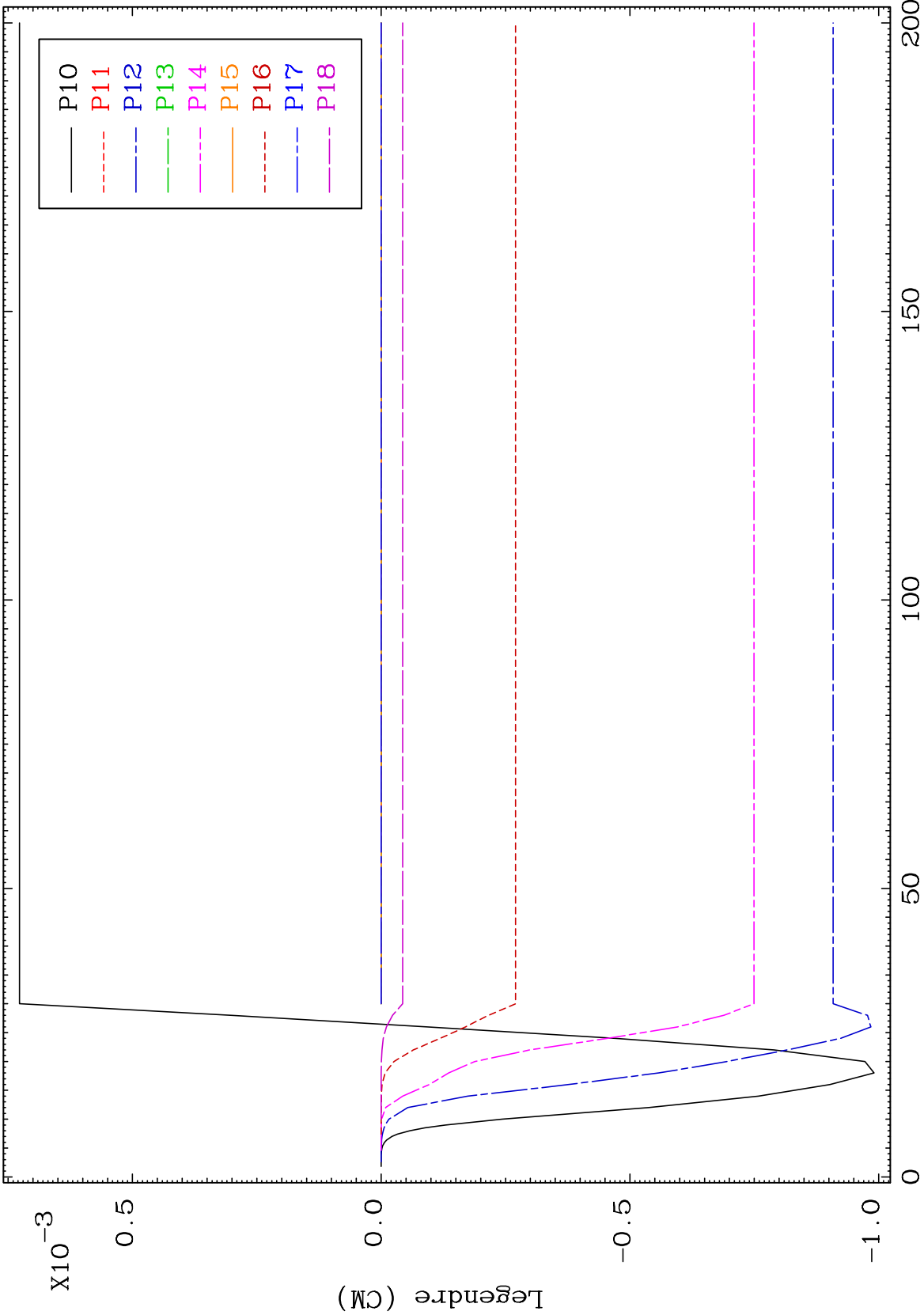
48-Cd-111



MAT 4840

MT= 69 (n,n') Level
Legendre Coefficients

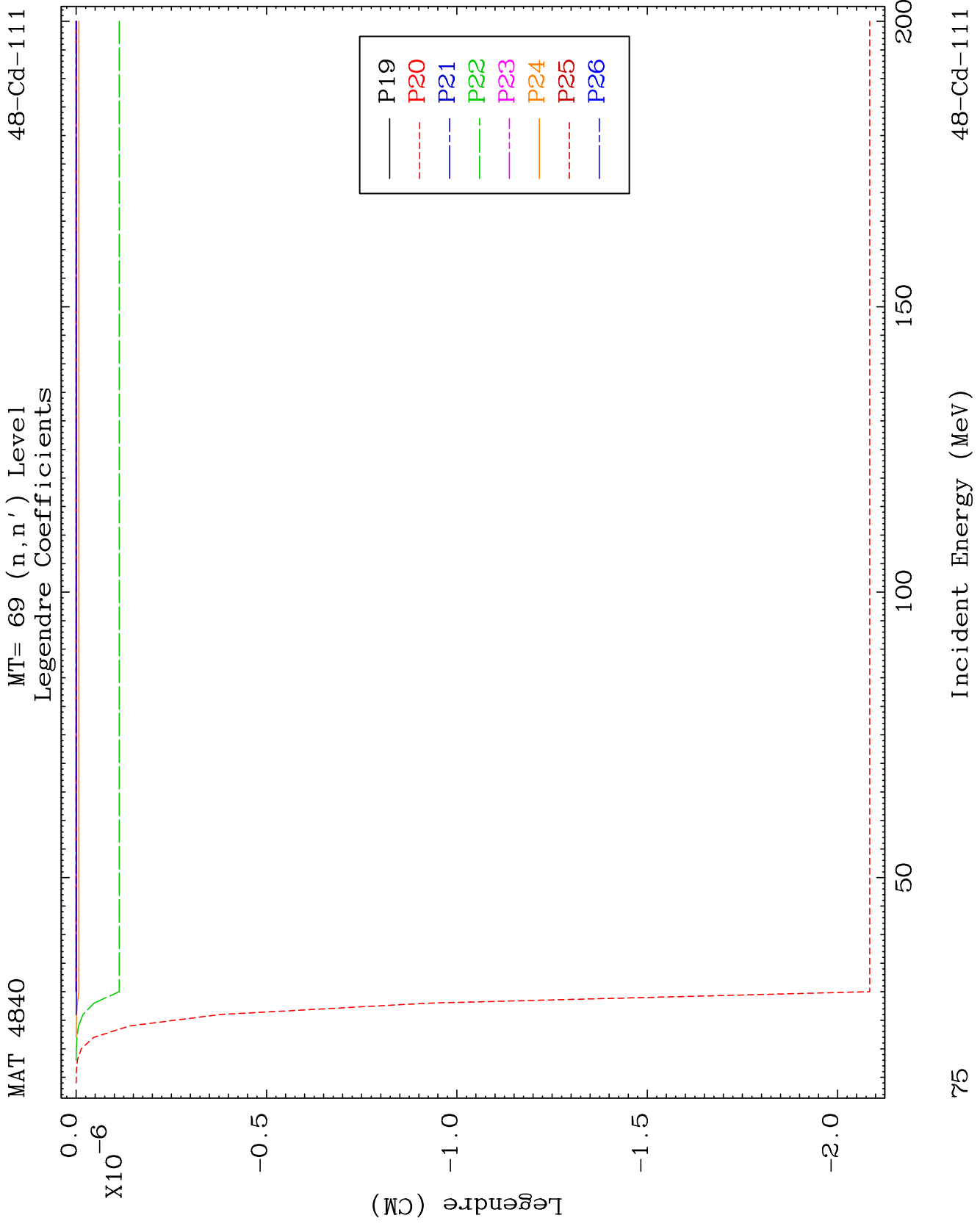
48-Cd-111

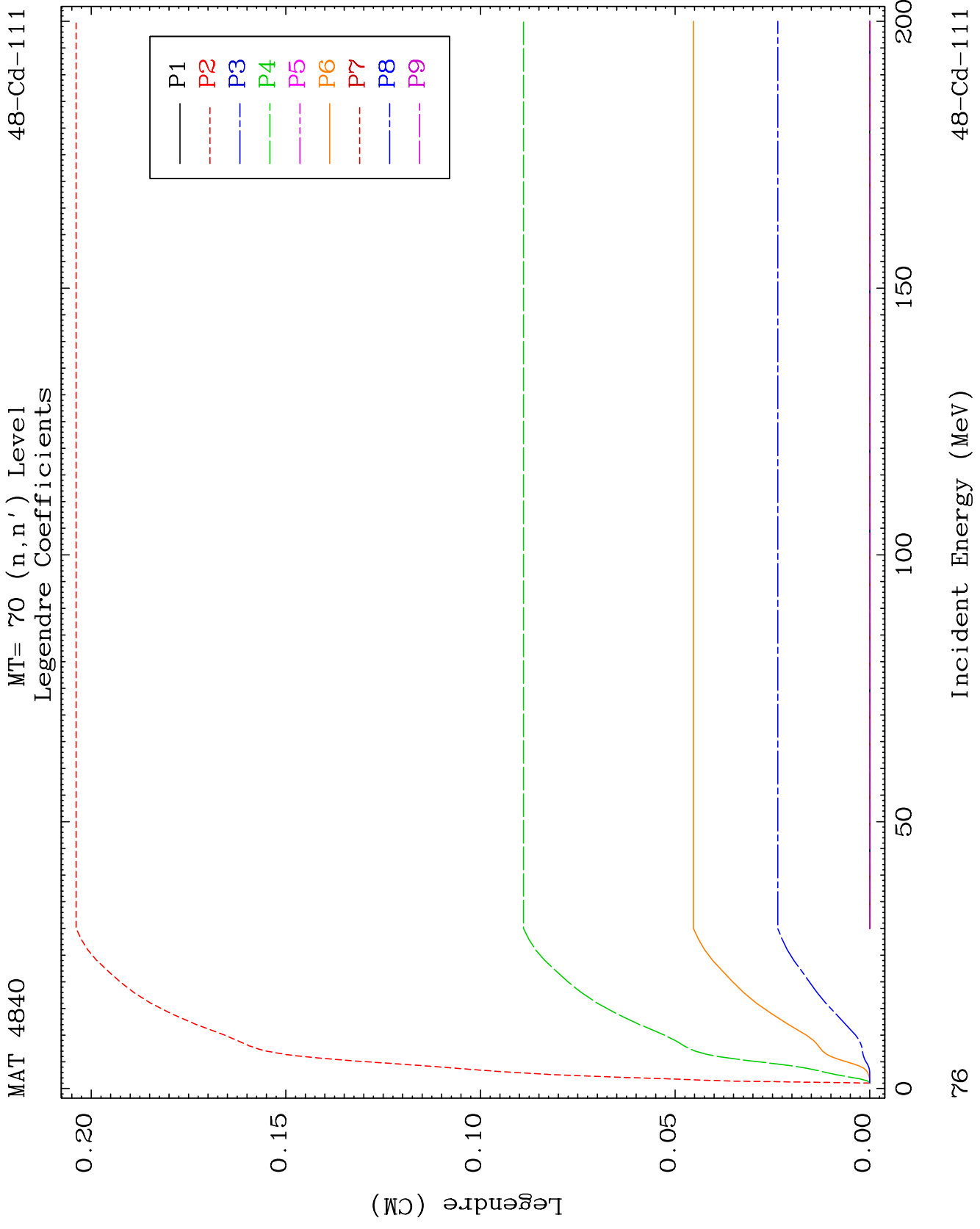


74

Incident Energy (MeV)

48-Cd-111

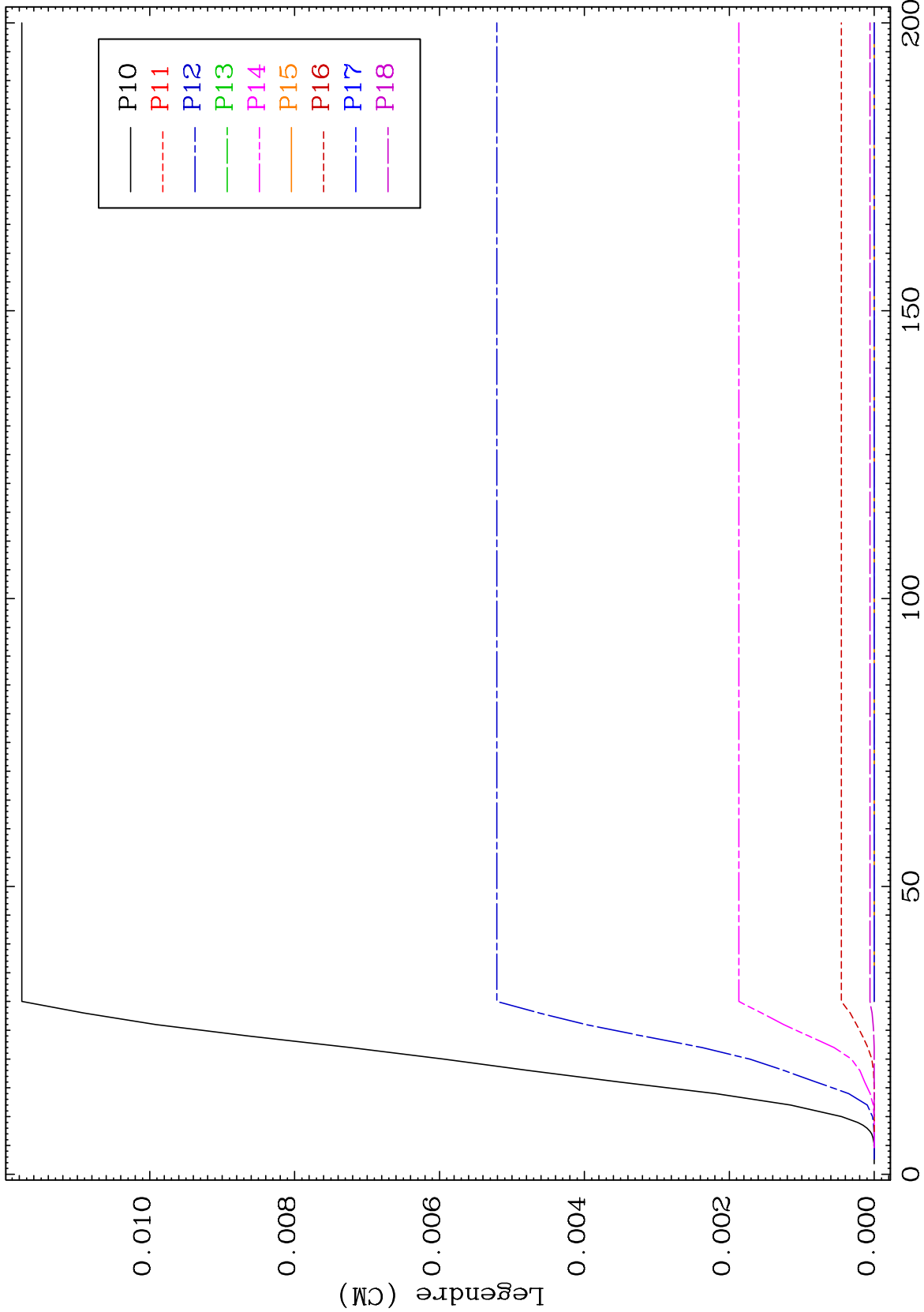




MAT 4840

MT= 70 (n,n') Level
Legendre Coefficients

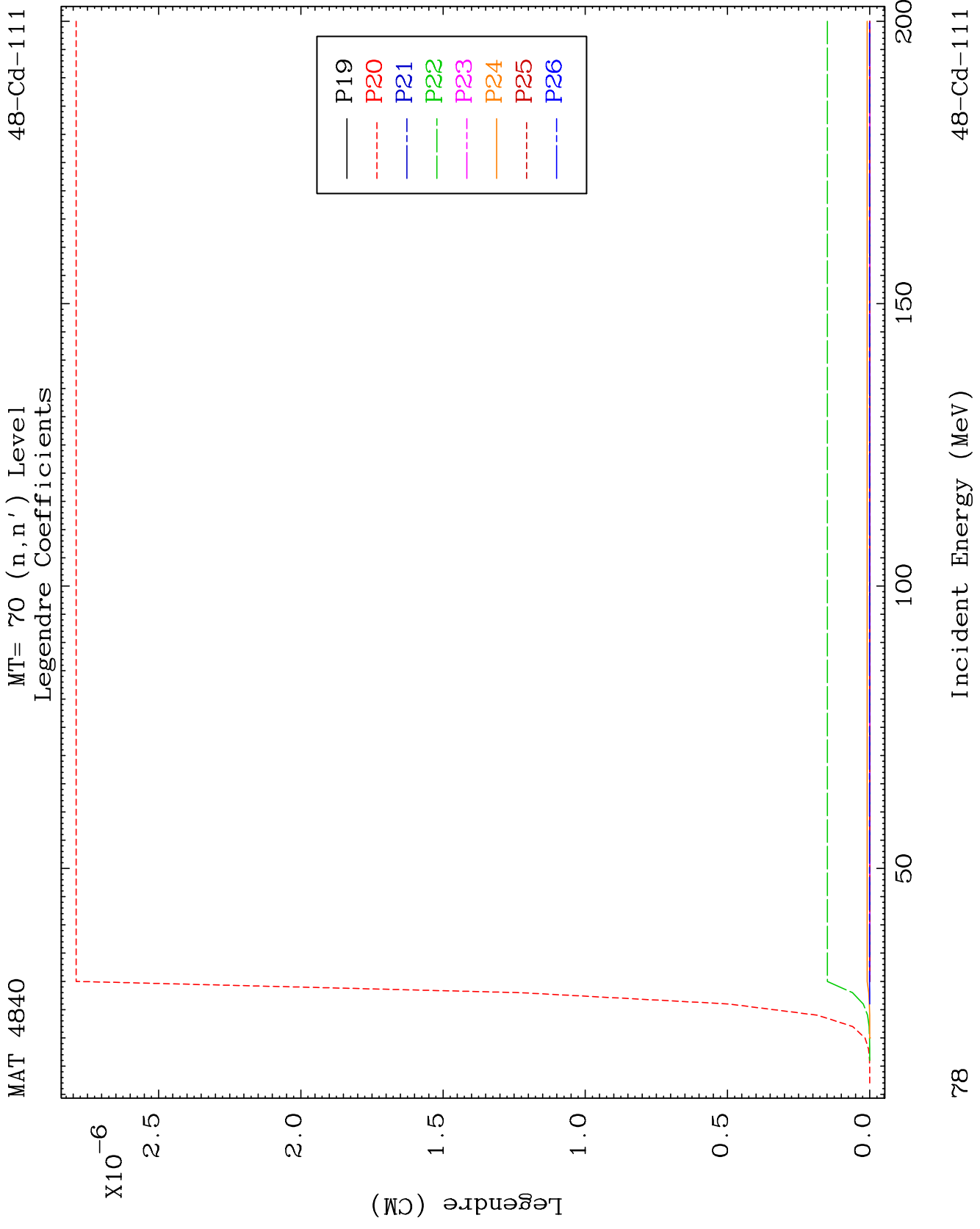
48-Cd-111



77

Incident Energy (MeV)

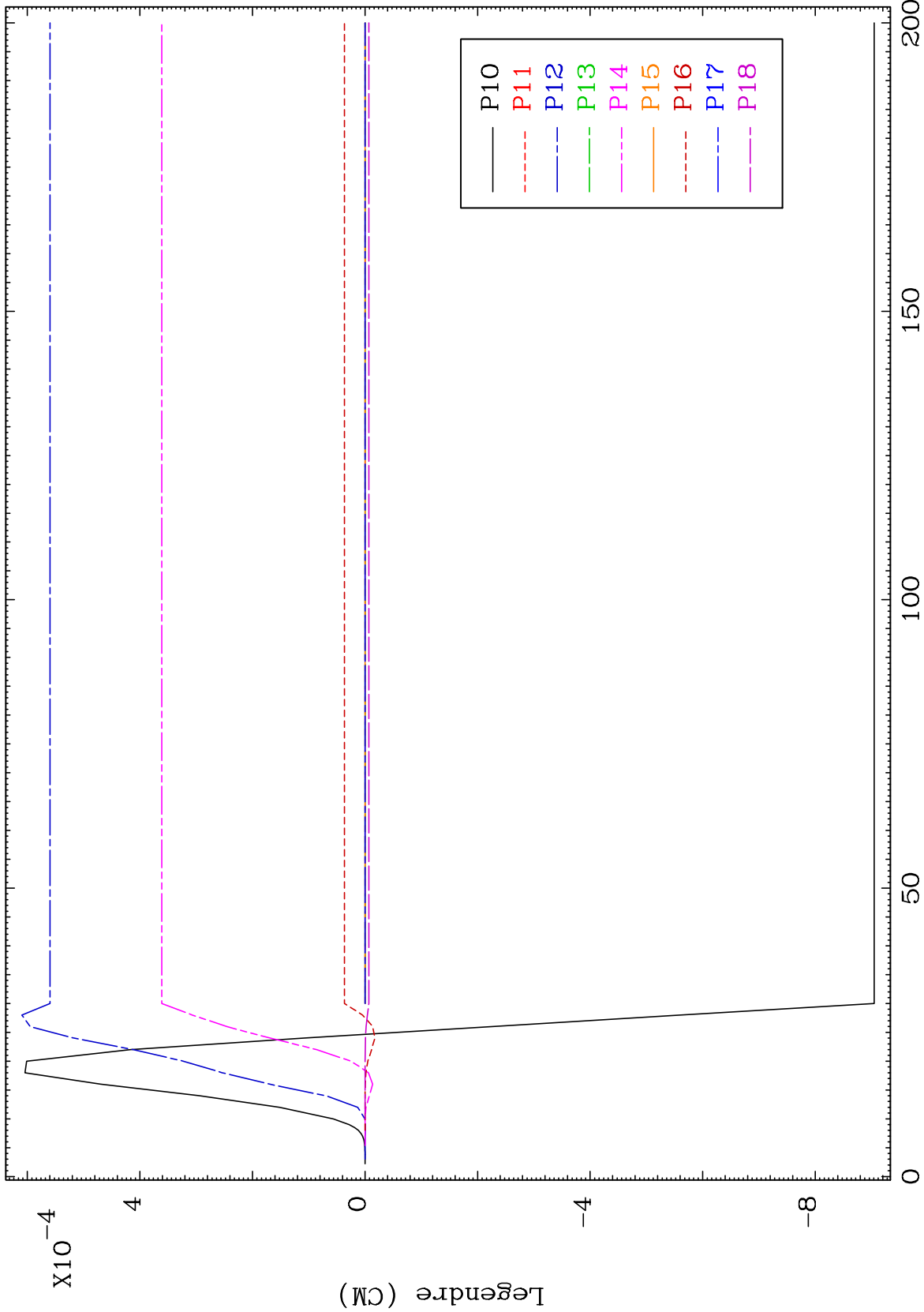
48-Cd-111



MAT 4840

MT= 71 (n,n') Level
Legendre Coefficients

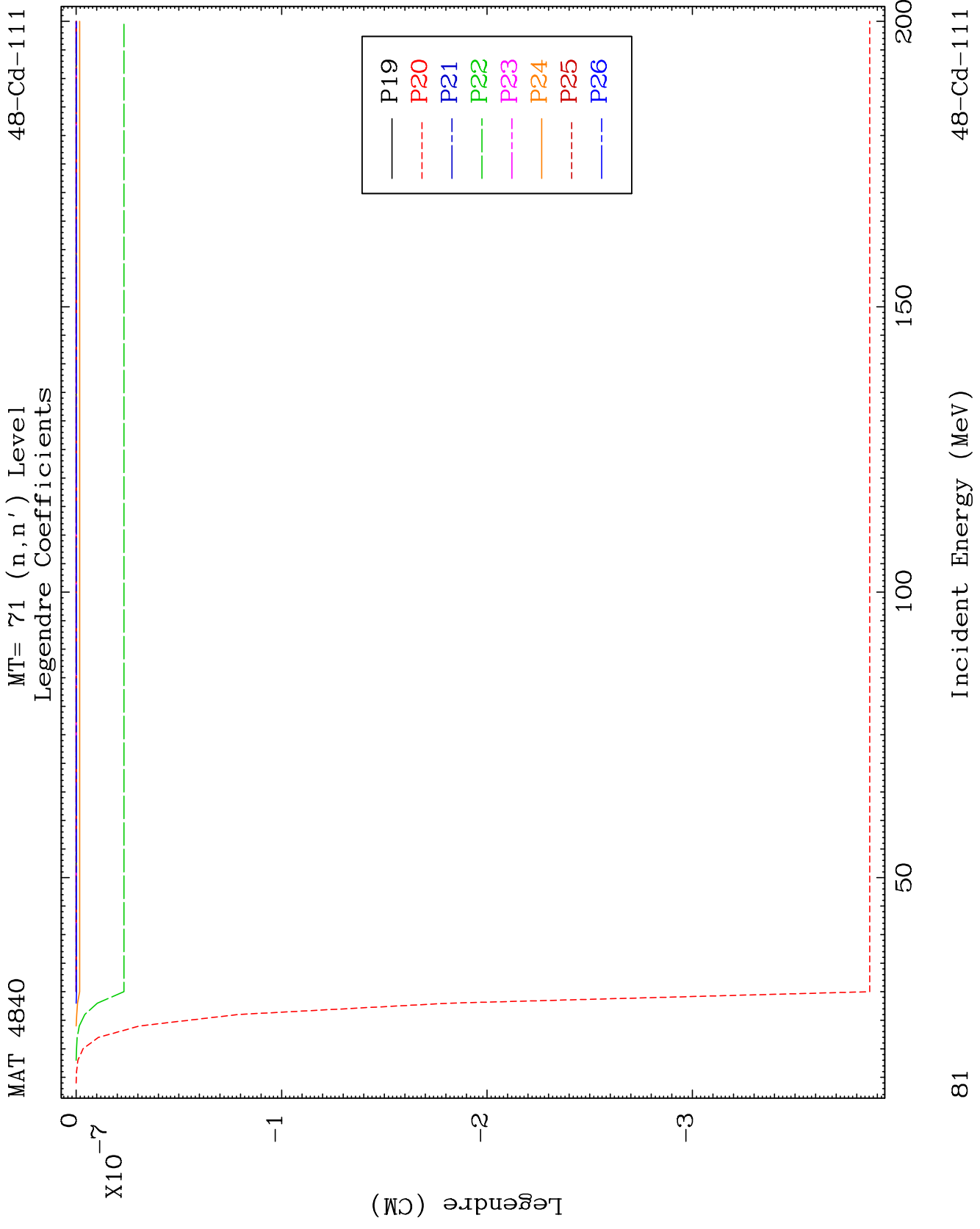
48-Cd-111



80

Incident Energy (MeV)

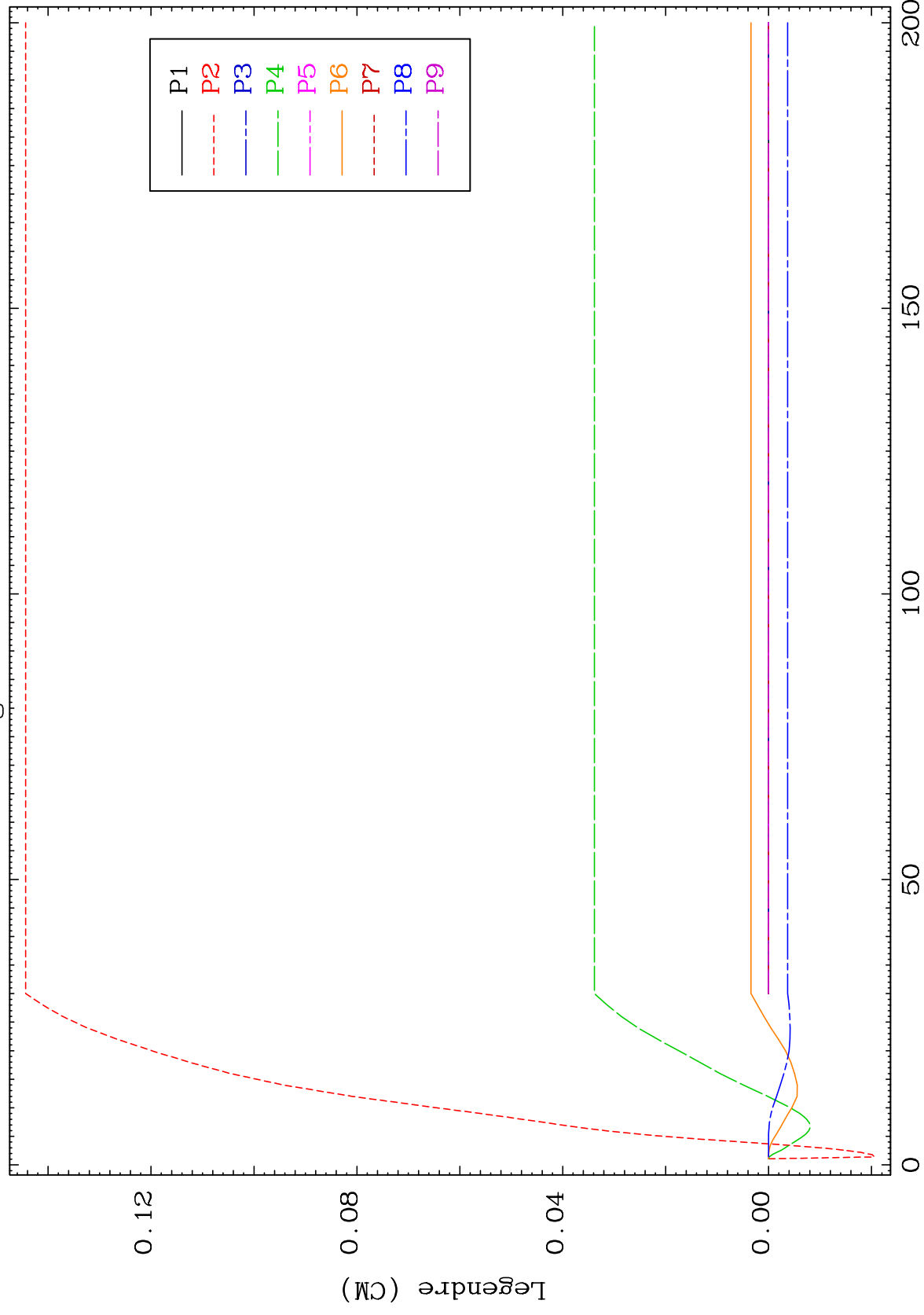
48-Cd-111



MAT 4840

MT= 72 (n,n') Level
Legendre Coefficients

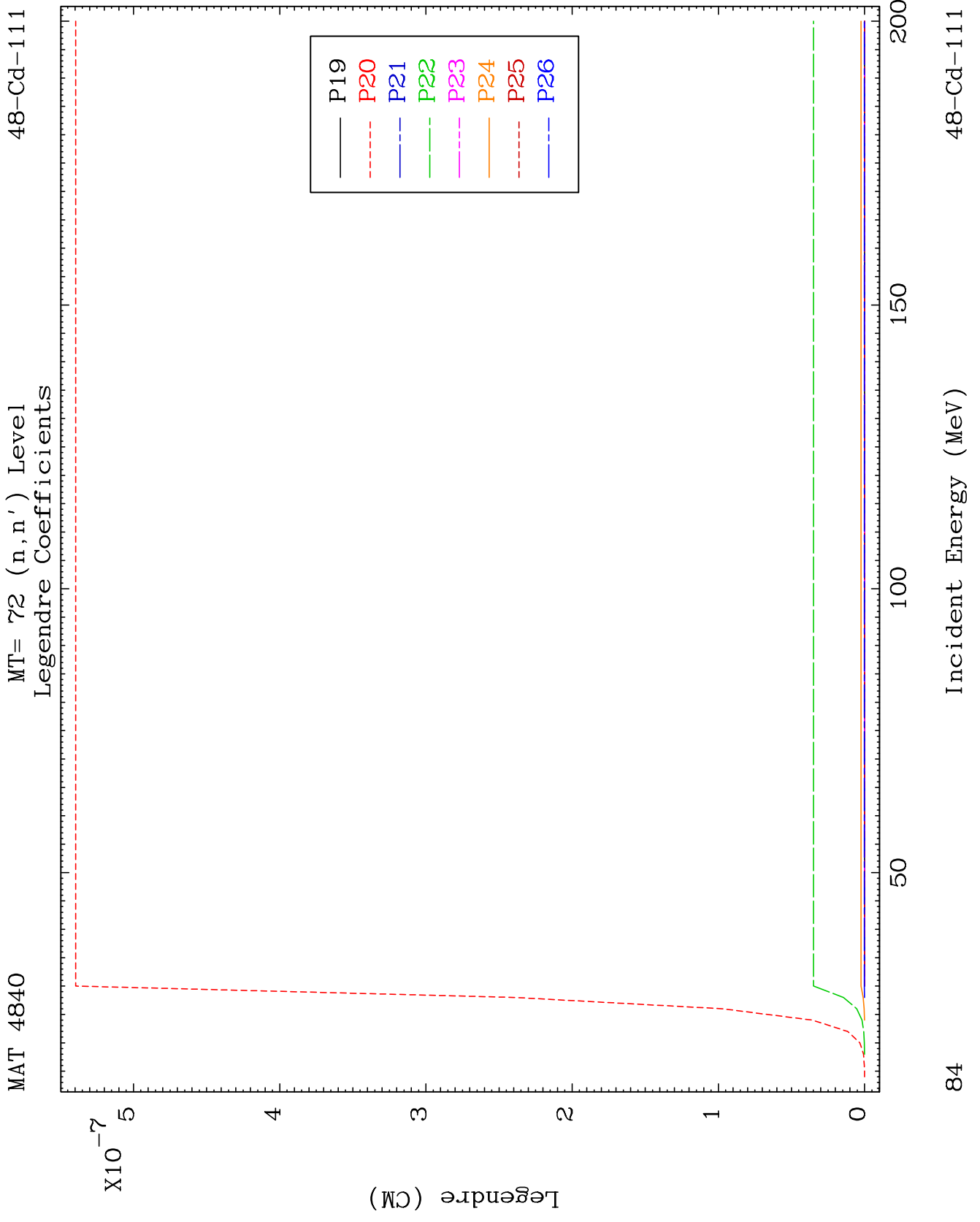
48-Cd-111



82

Incident Energy (MeV)

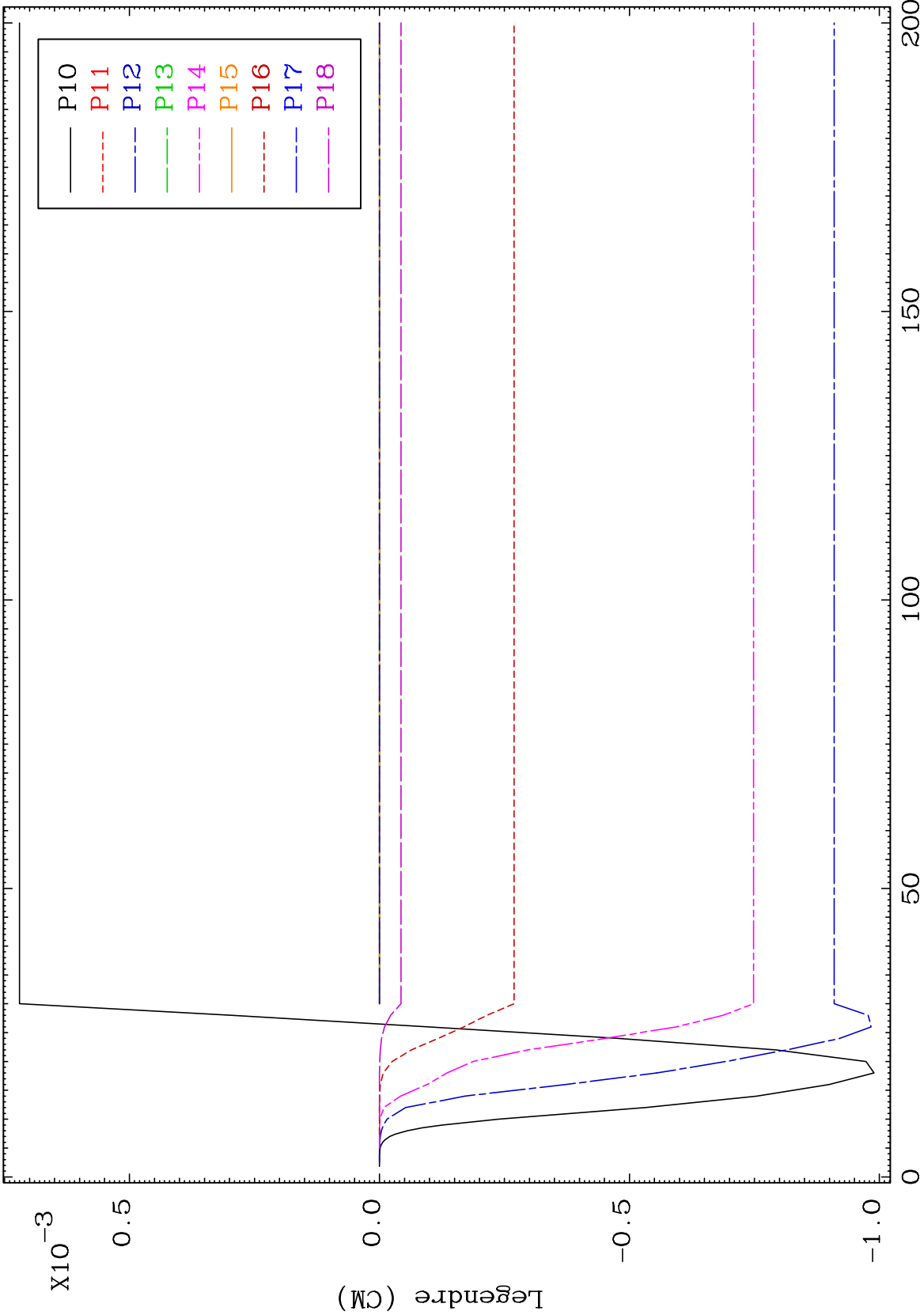
48-Cd-111



MAT 4840

MT= 73 (n,n') Level
Legendre Coefficients

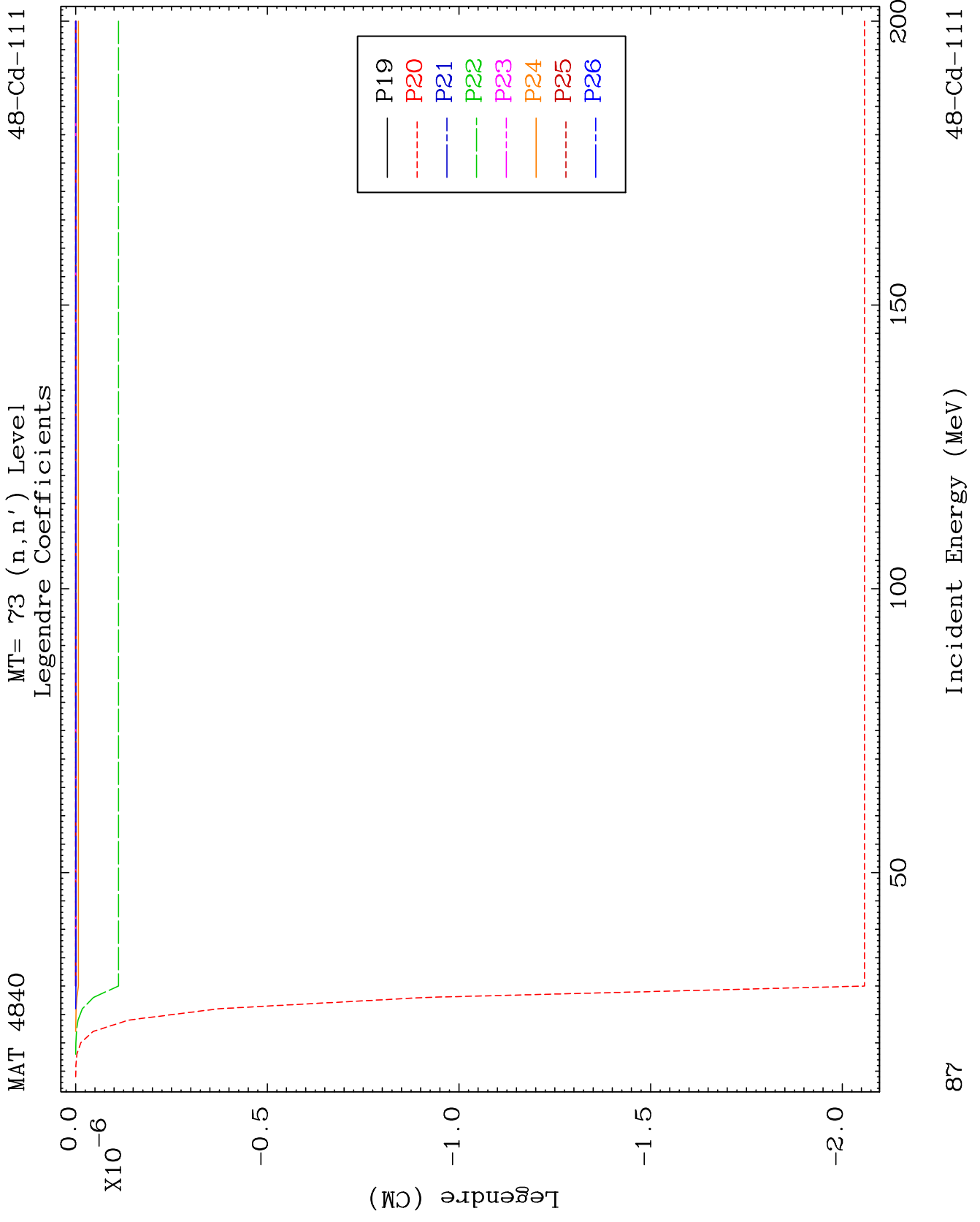
48-Cd-111



86

Incident Energy (MeV)

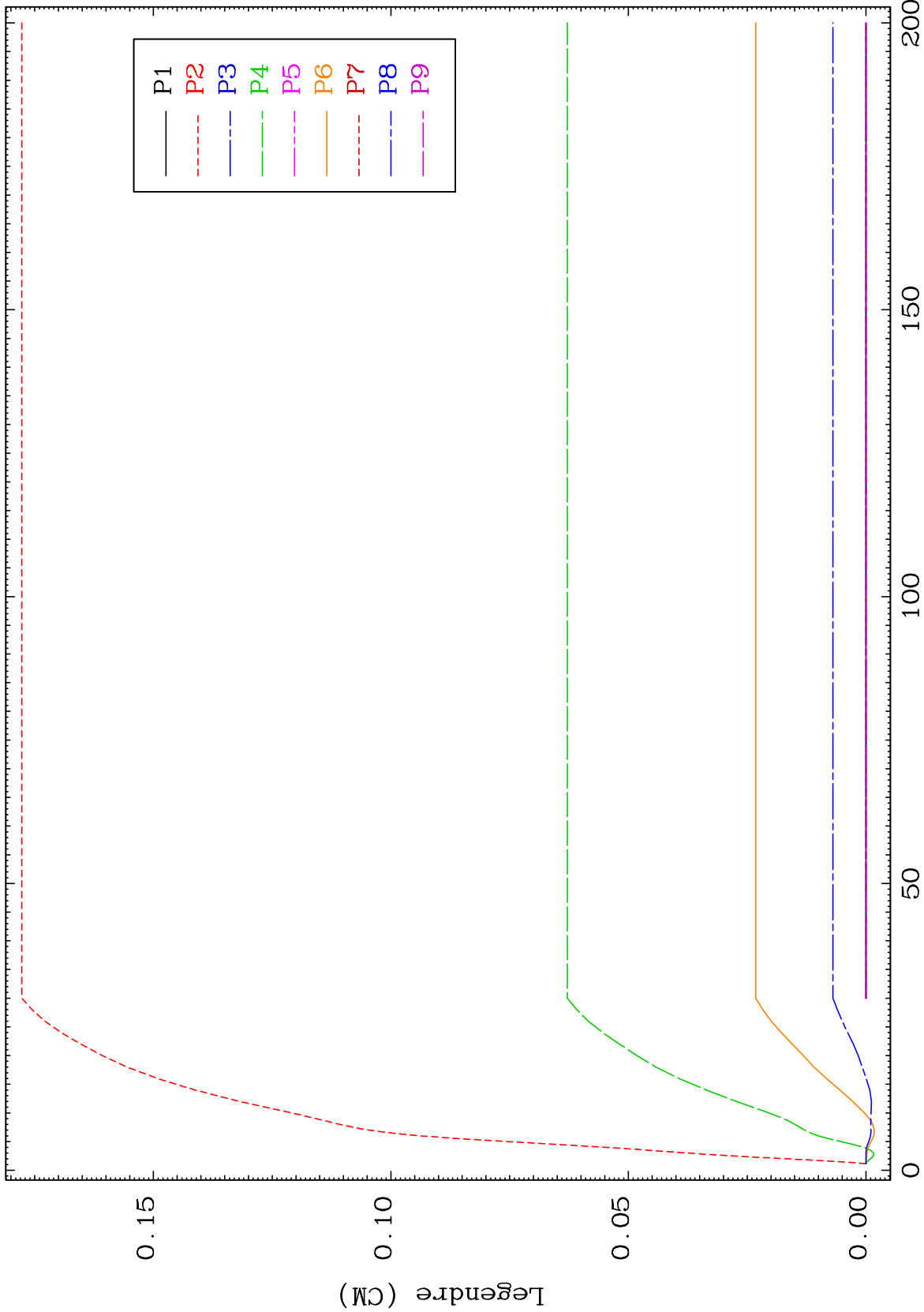
48-Cd-111



MAT 4840

MT= 74 (n,n') Level
Legendre Coefficients

48-Cd-111



88

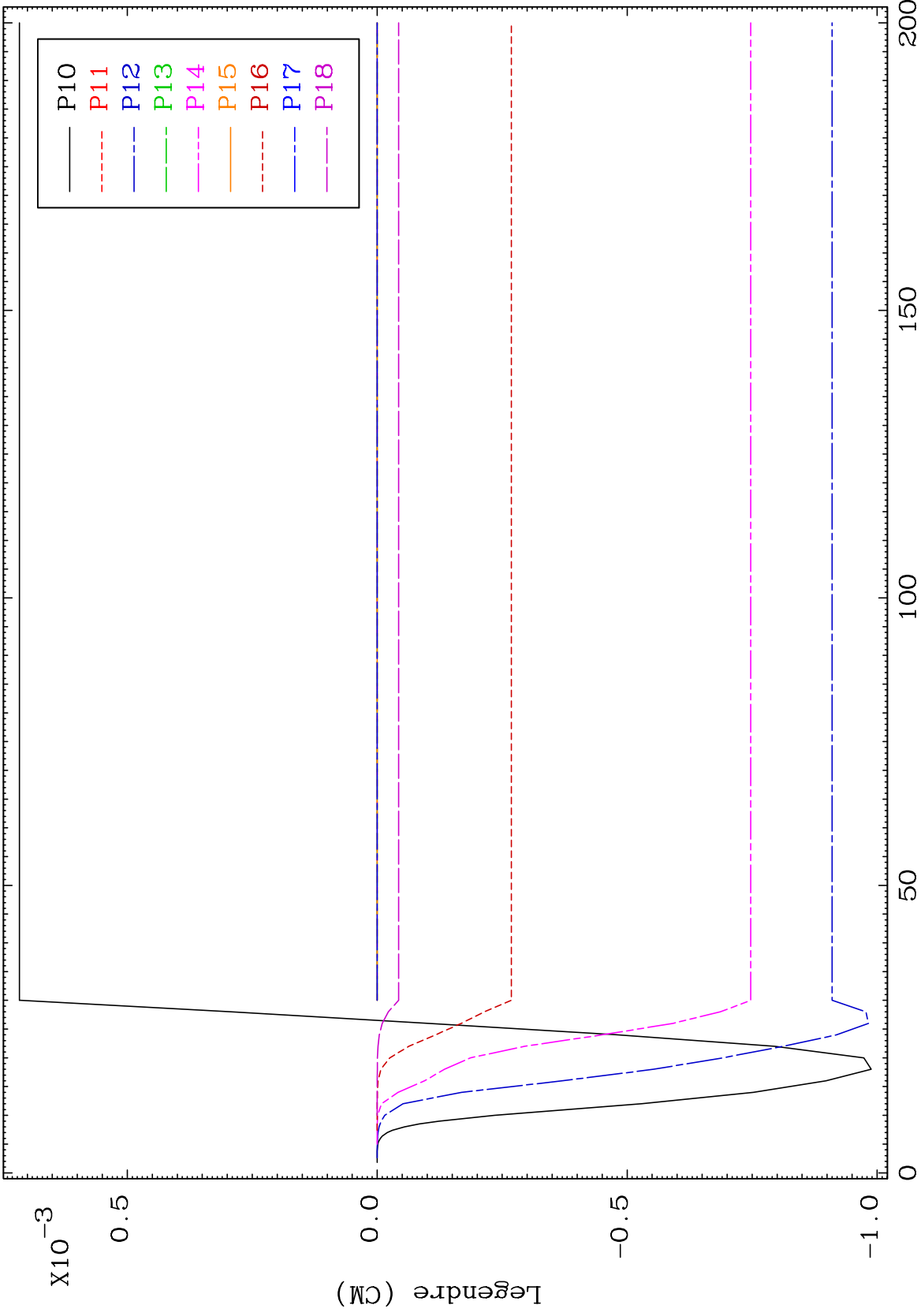
Incident Energy (MeV)

48-Cd-111

MAT 4840

MT= 74 (n,n') Level
Legendre Coefficients

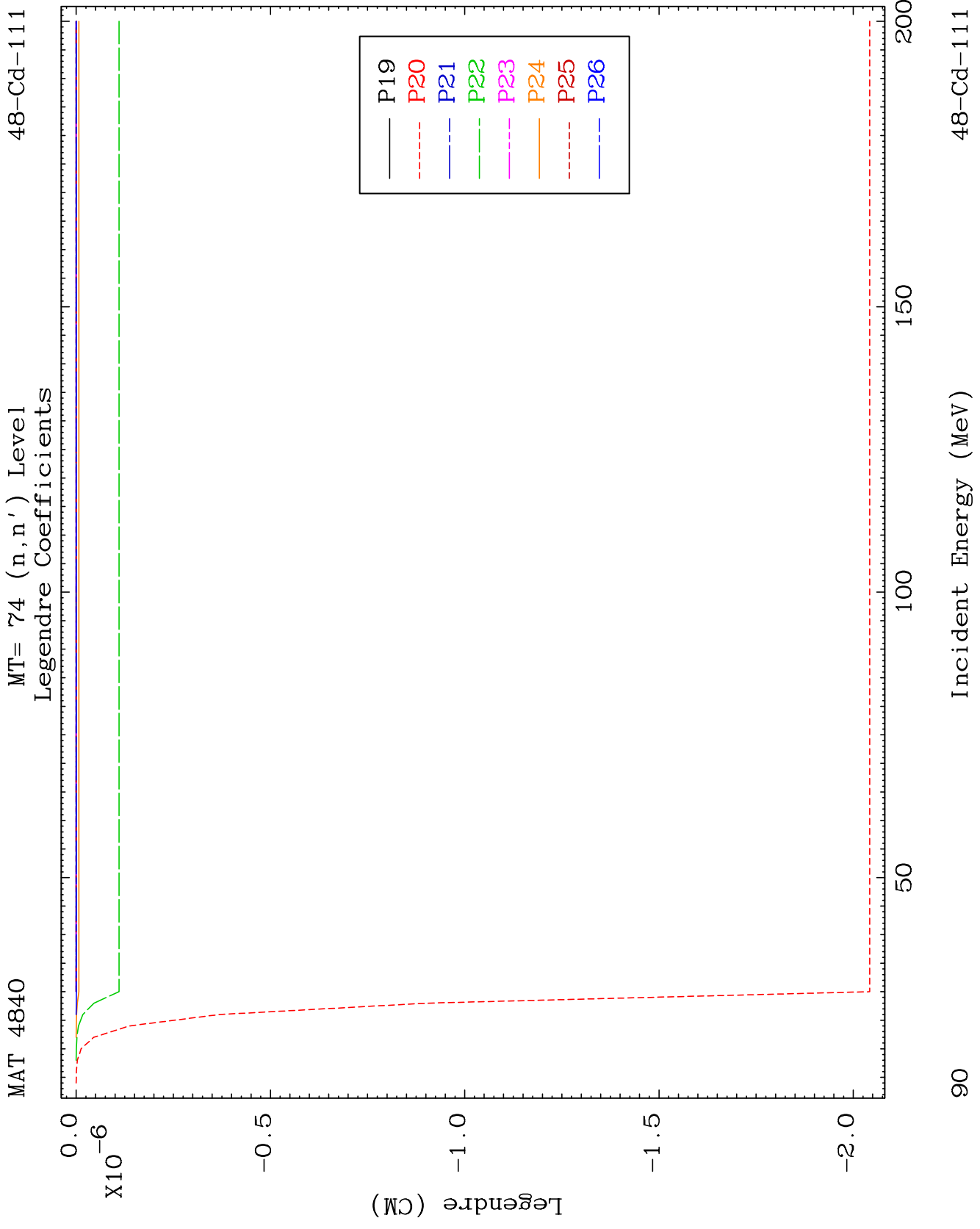
48-Cd-111



89

Incident Energy (MeV)

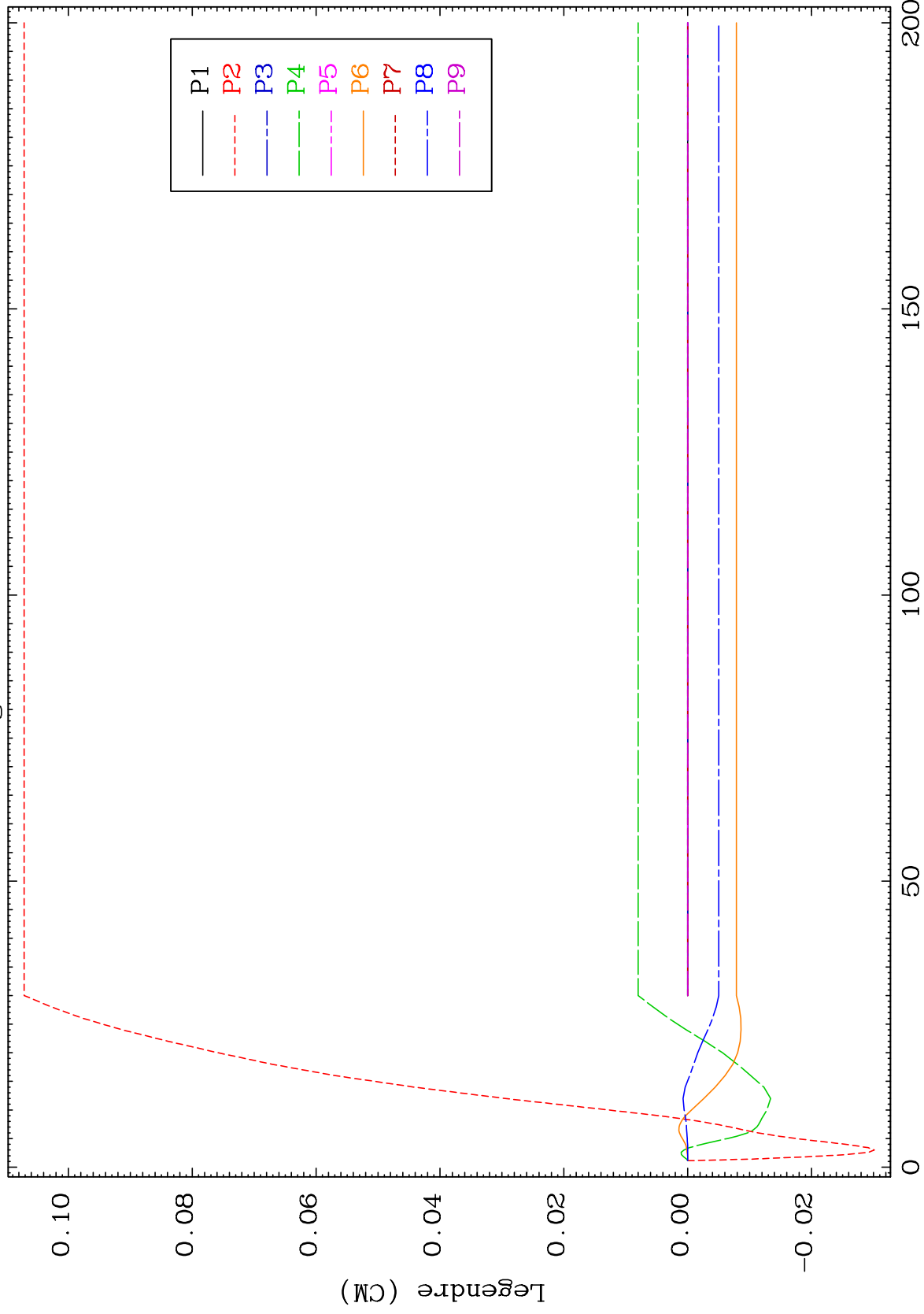
48-Cd-111



MAT 4840

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-111



91

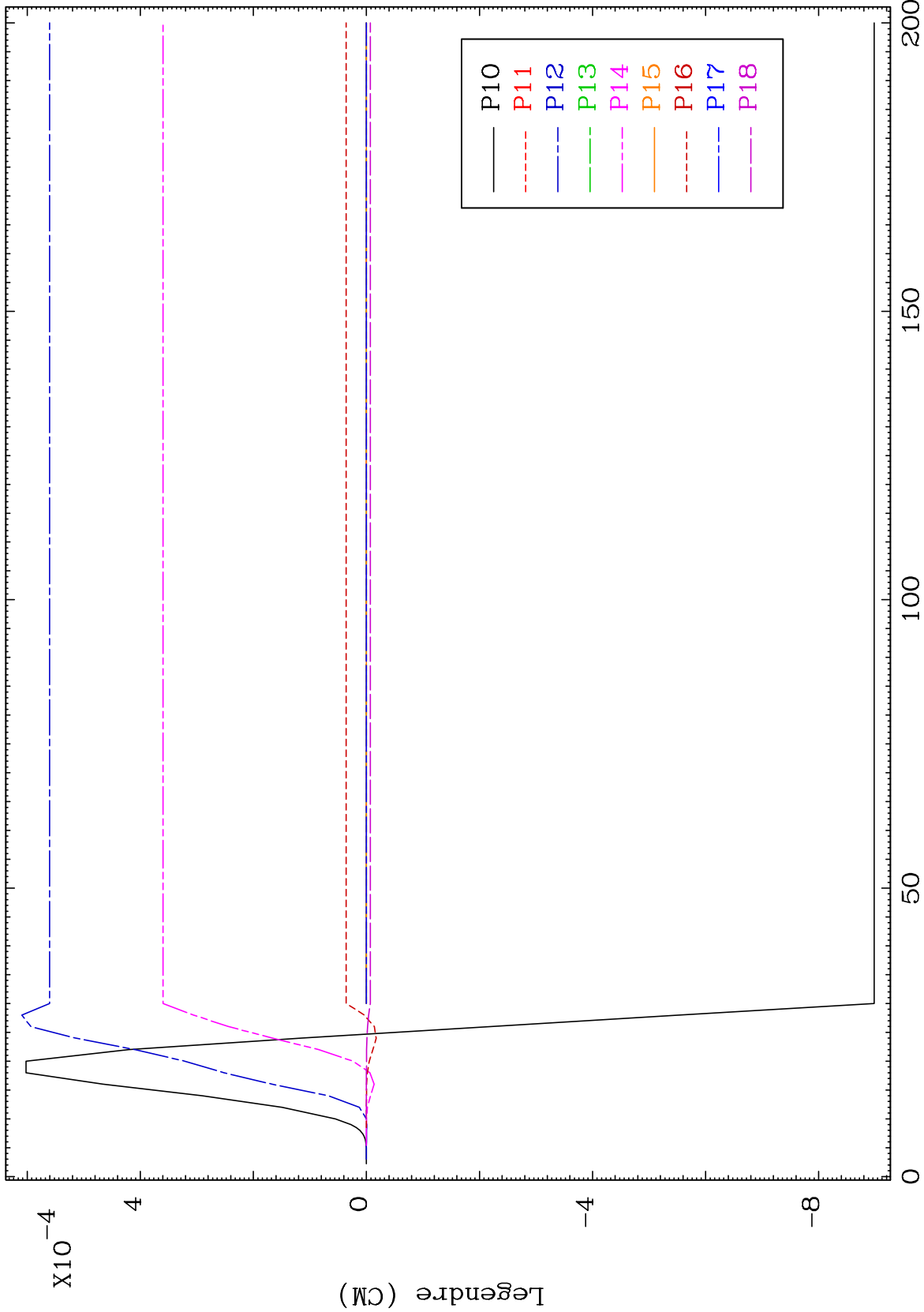
Incident Energy (MeV)

48-Cd-111

MAT 4840

MT= 75 (n,n') Level
Legendre Coefficients

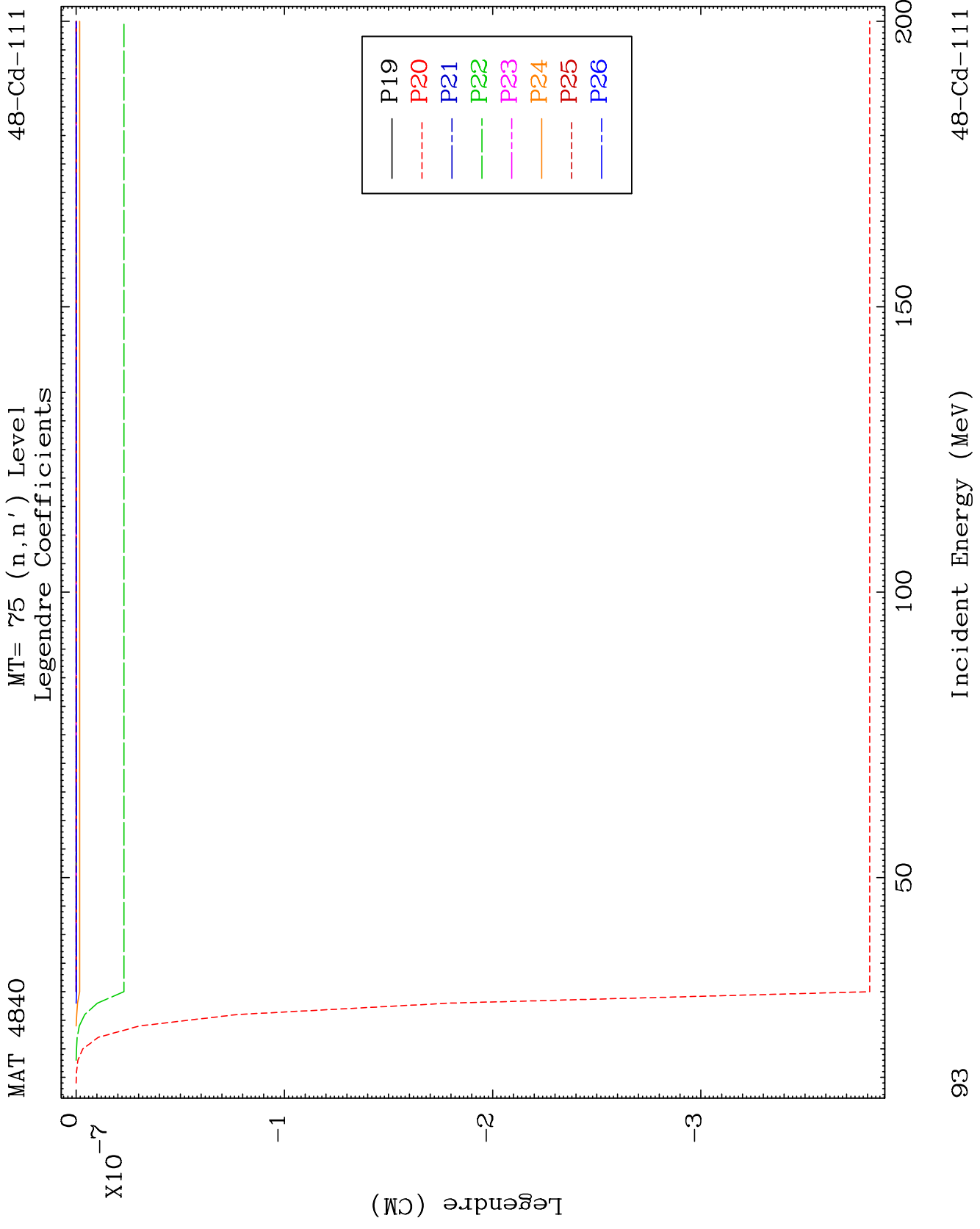
48-Cd-111



92

Incident Energy (MeV)

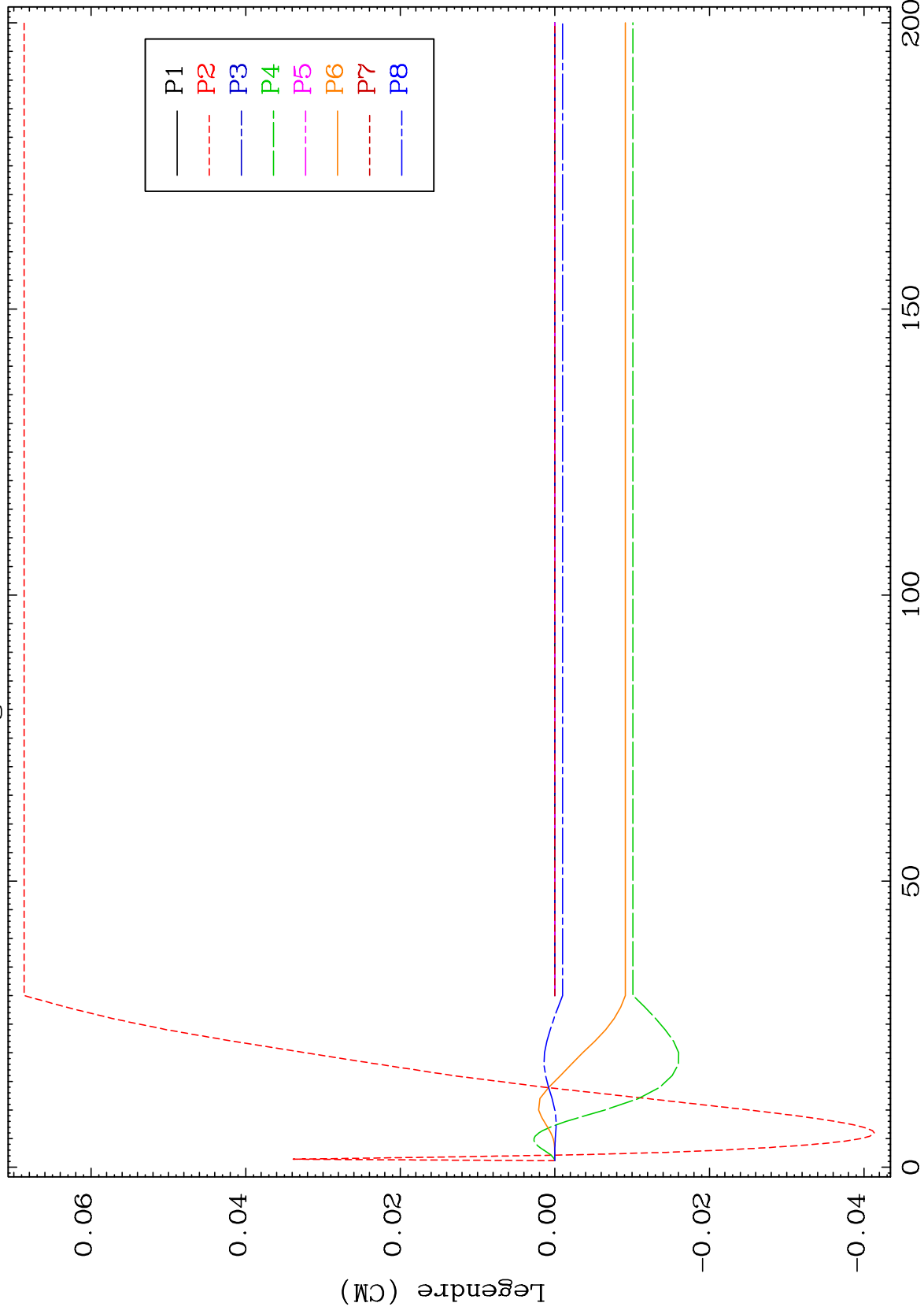
48-Cd-111



MAT 4840

MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-111



94

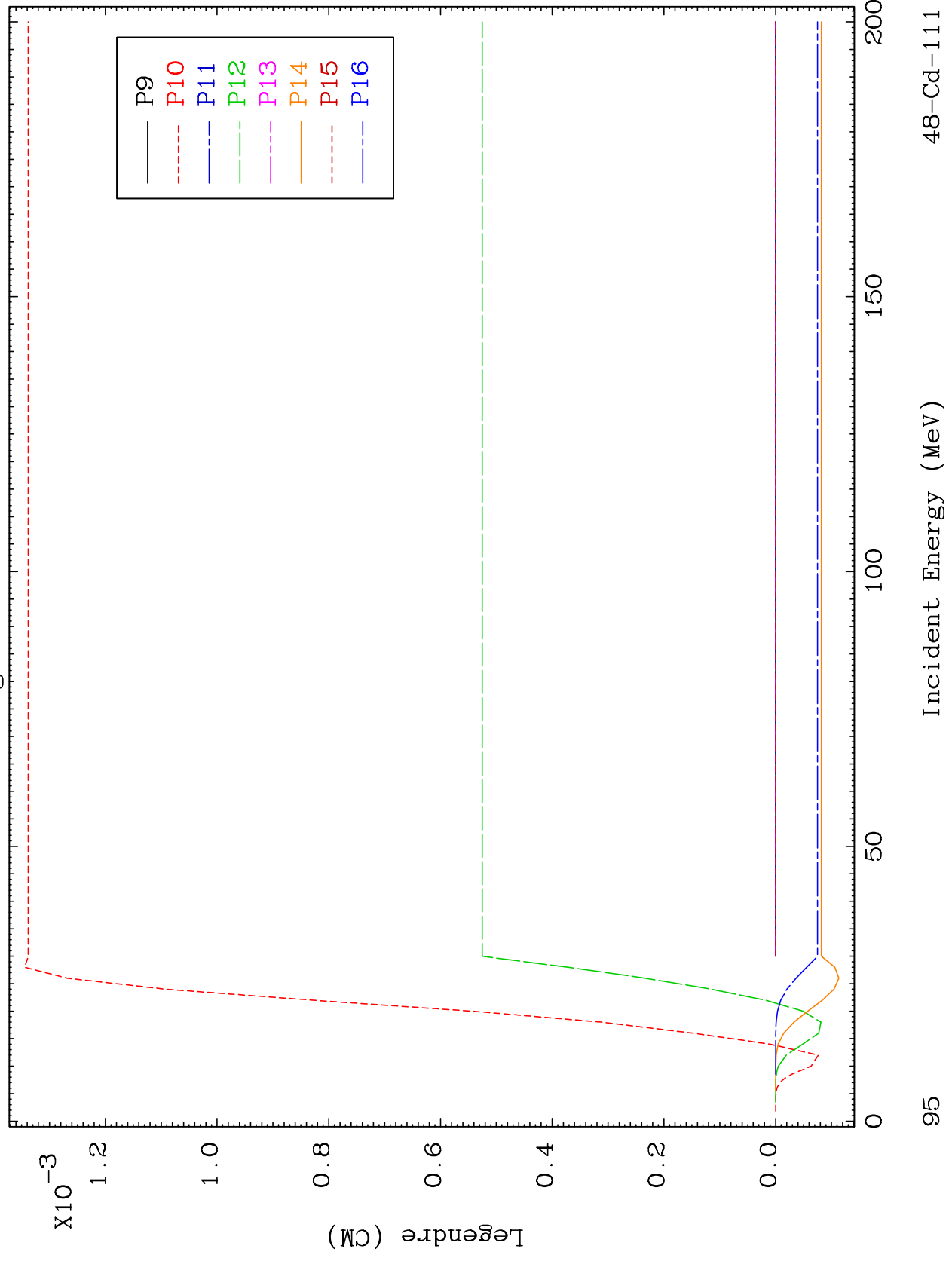
Incident Energy (MeV)

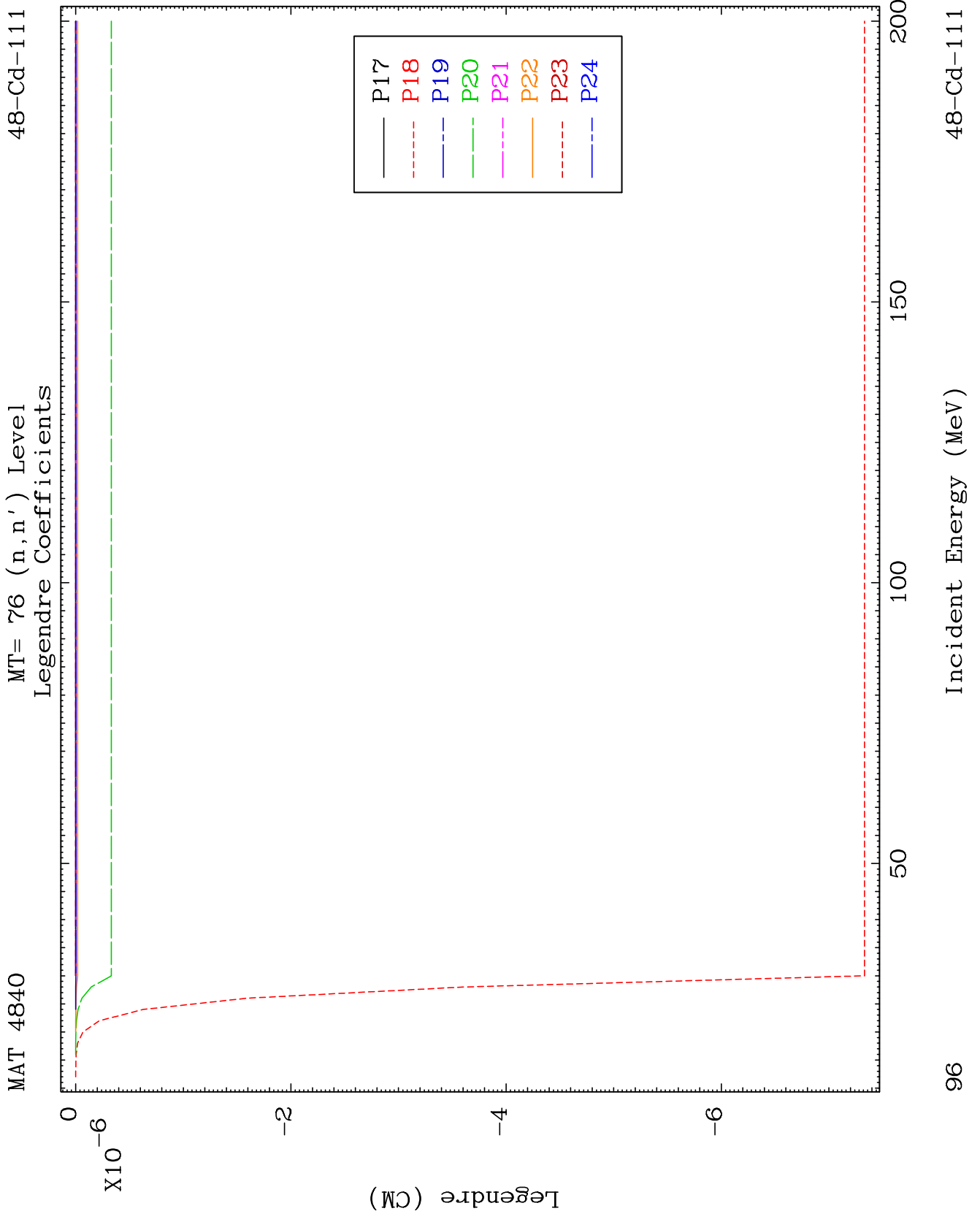
48-Cd-111

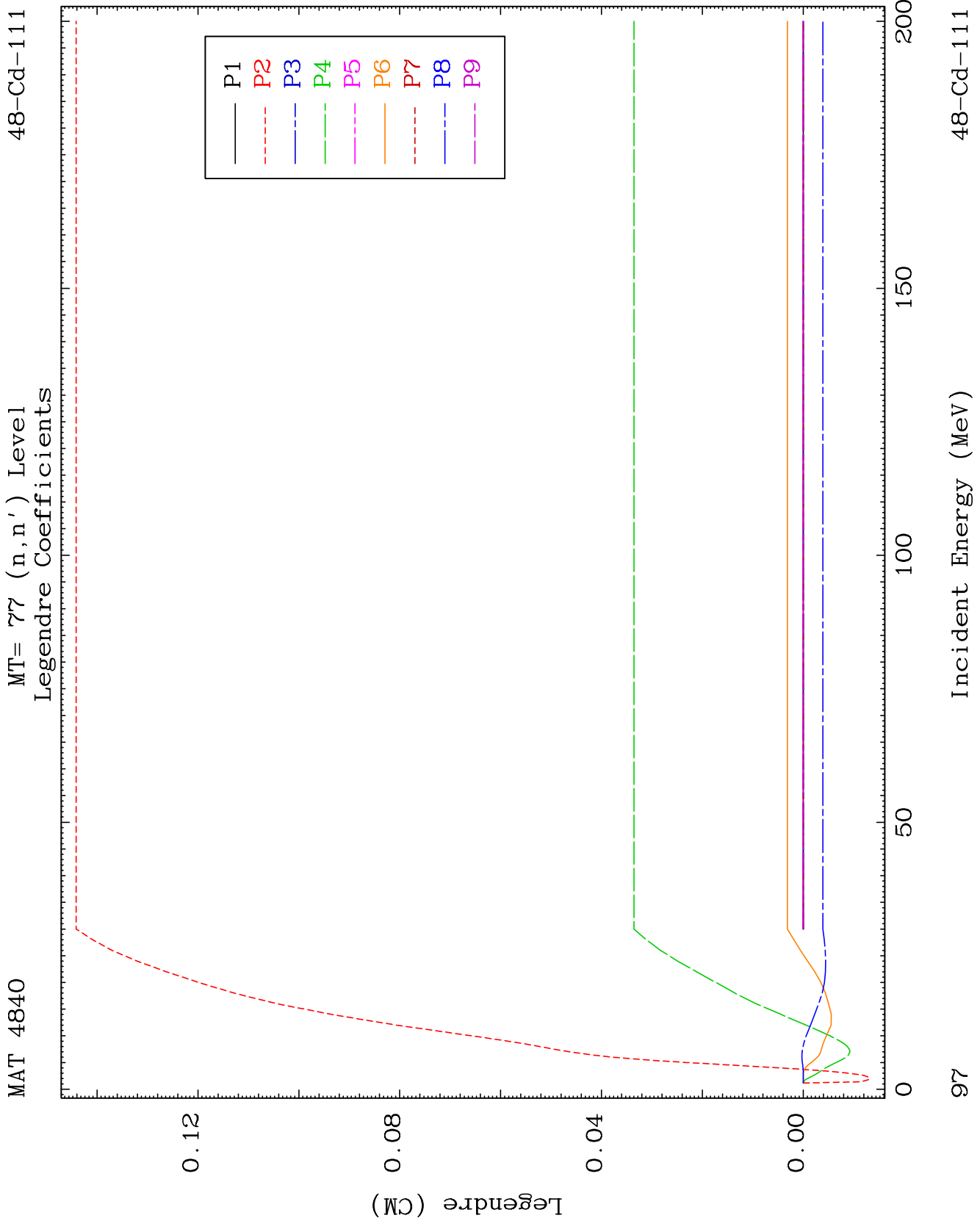
MAT 4840

MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-111





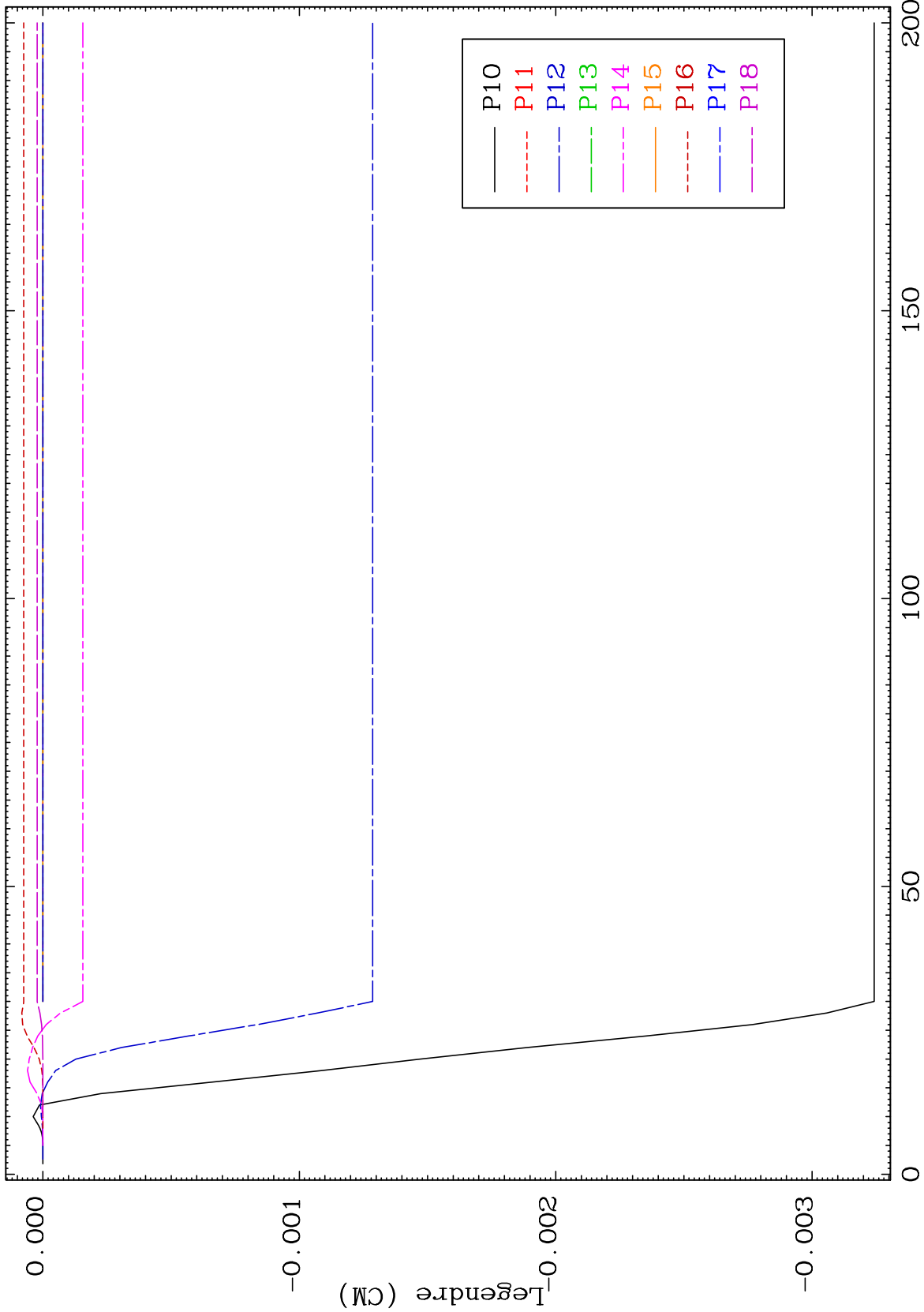


MAT 4840

MT= 77 (n,n') Level

48-Cd-111

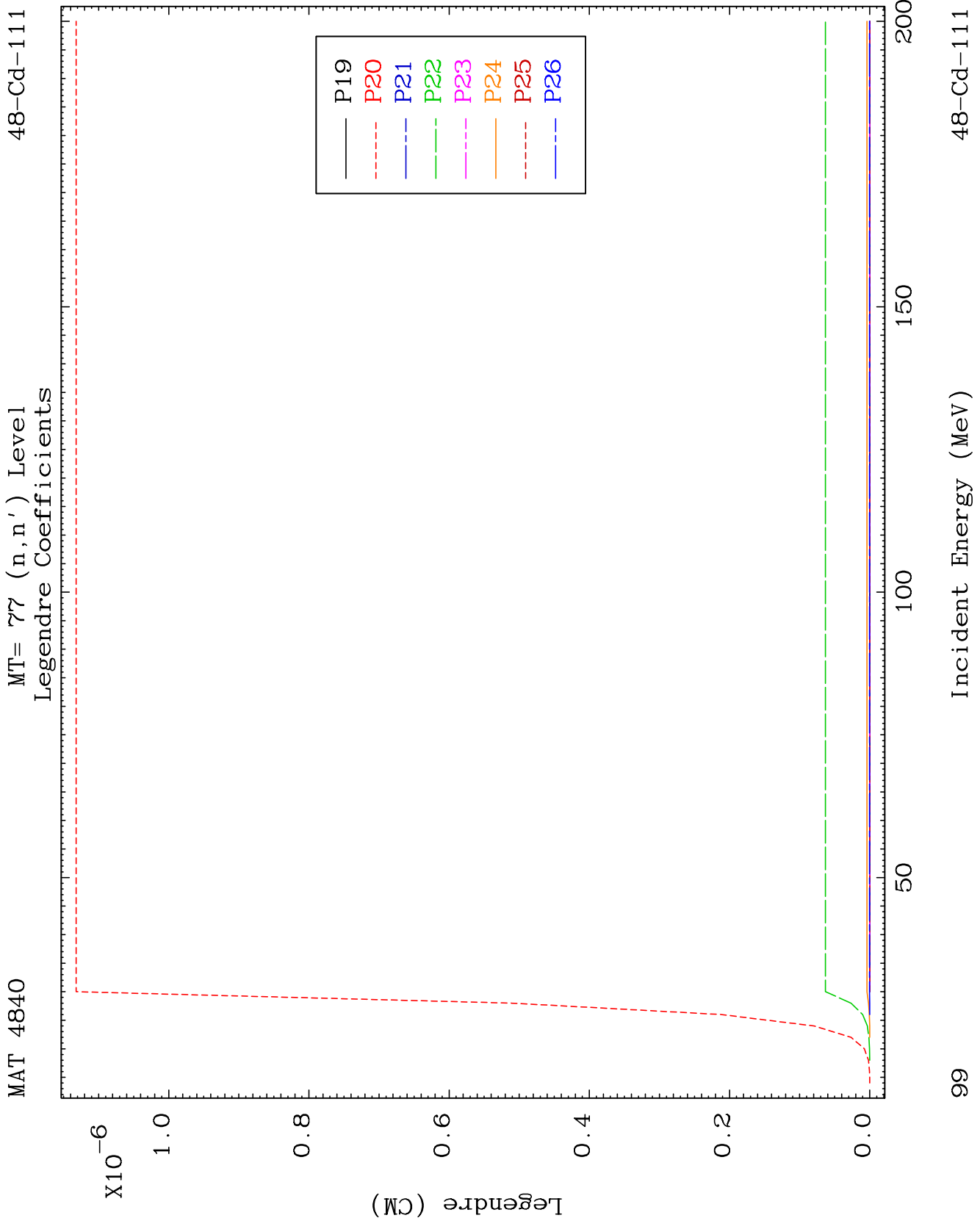
Legendre Coefficients

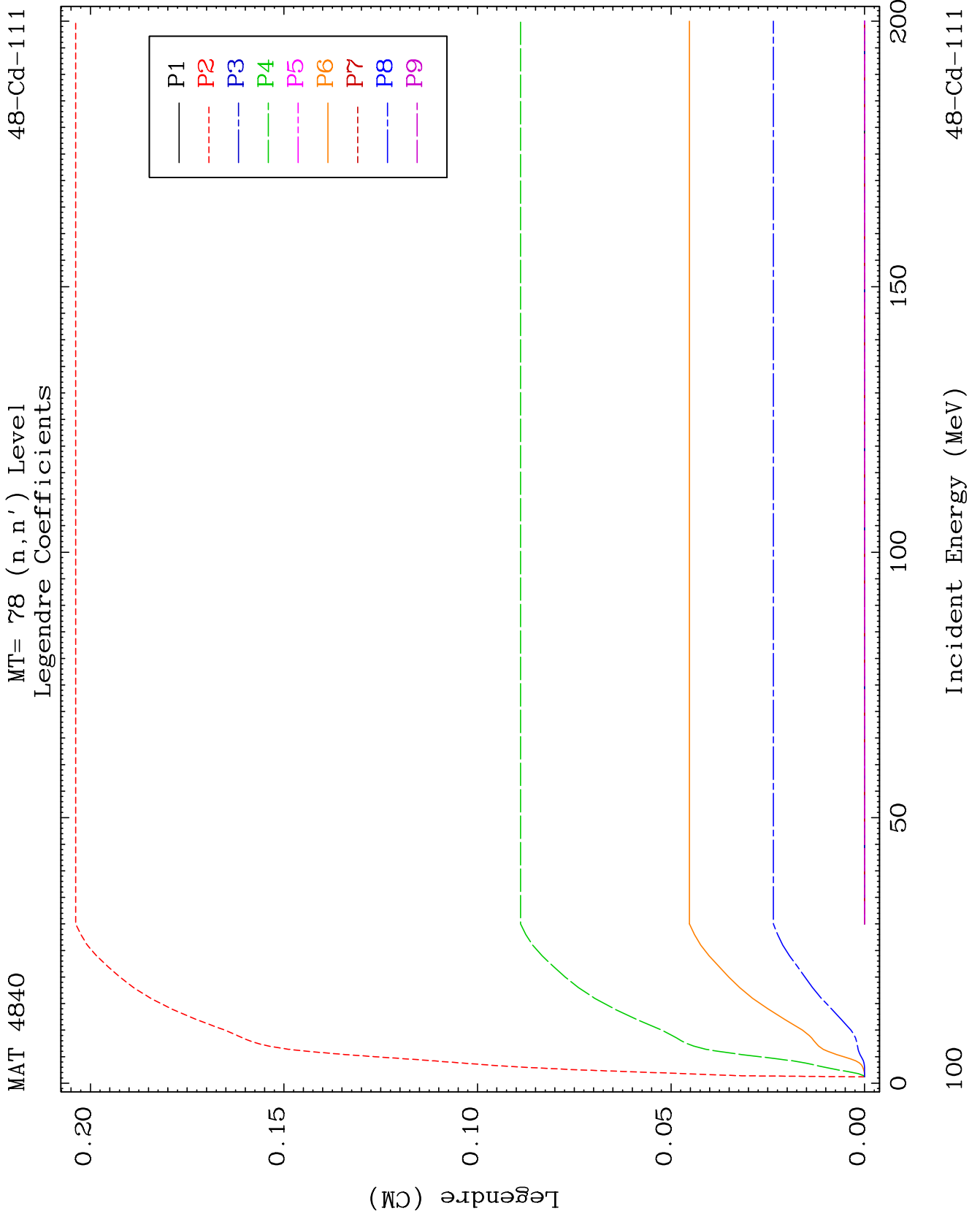


98

Incident Energy (MeV)

48-Cd-111

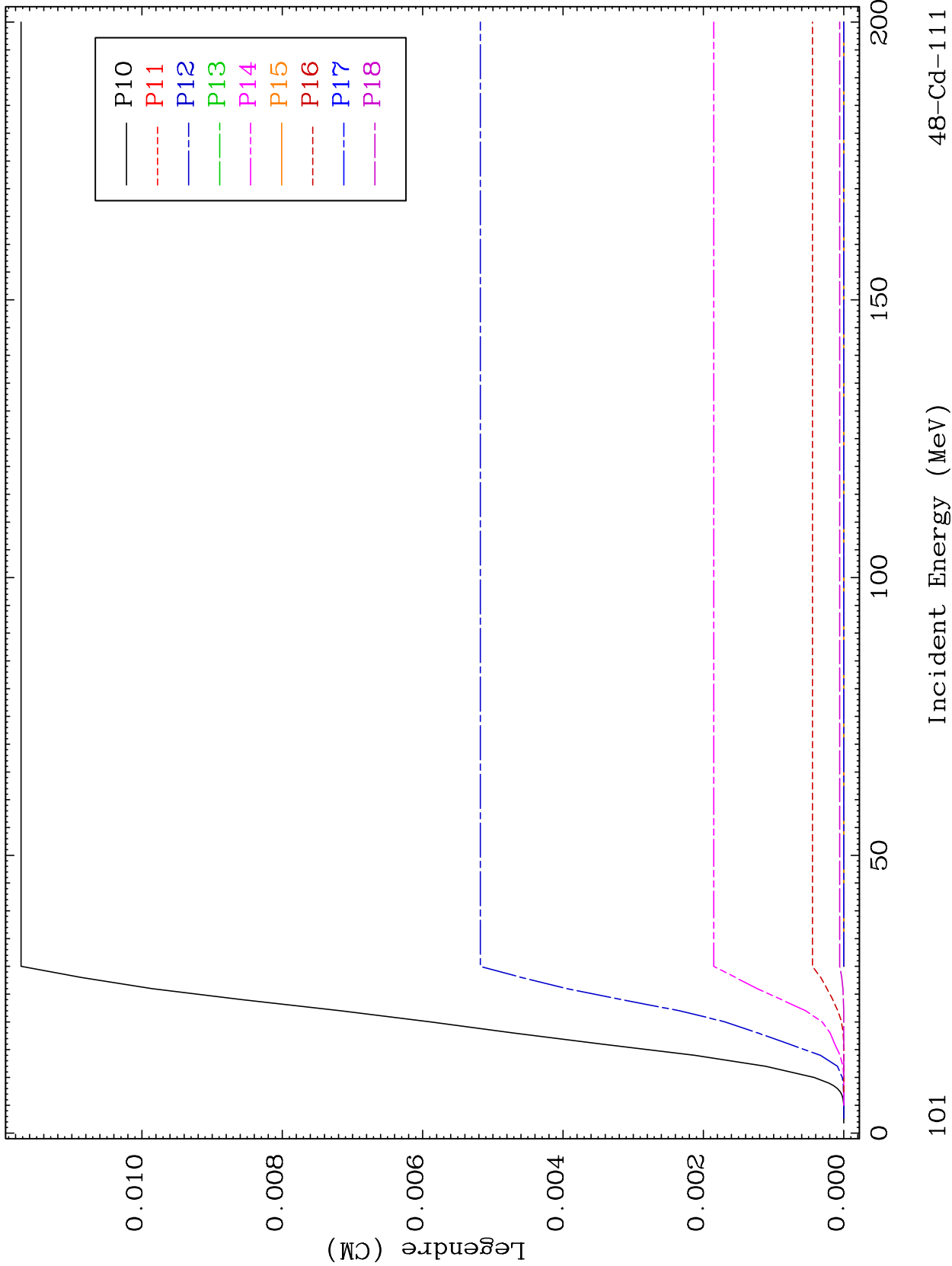


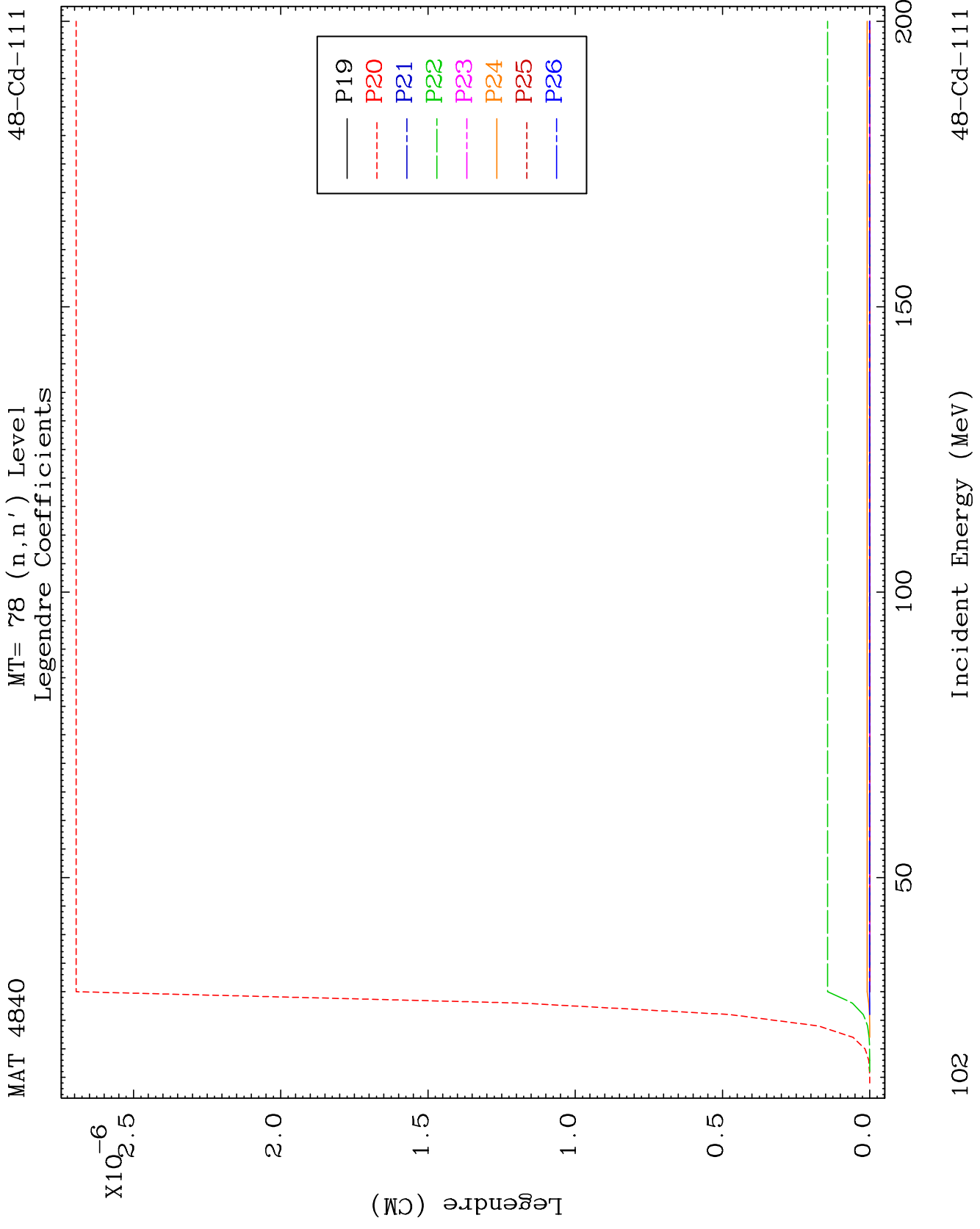


MAT 4840

MT= 78 (n,n') Level
Legendre Coefficients

48-Cd-111

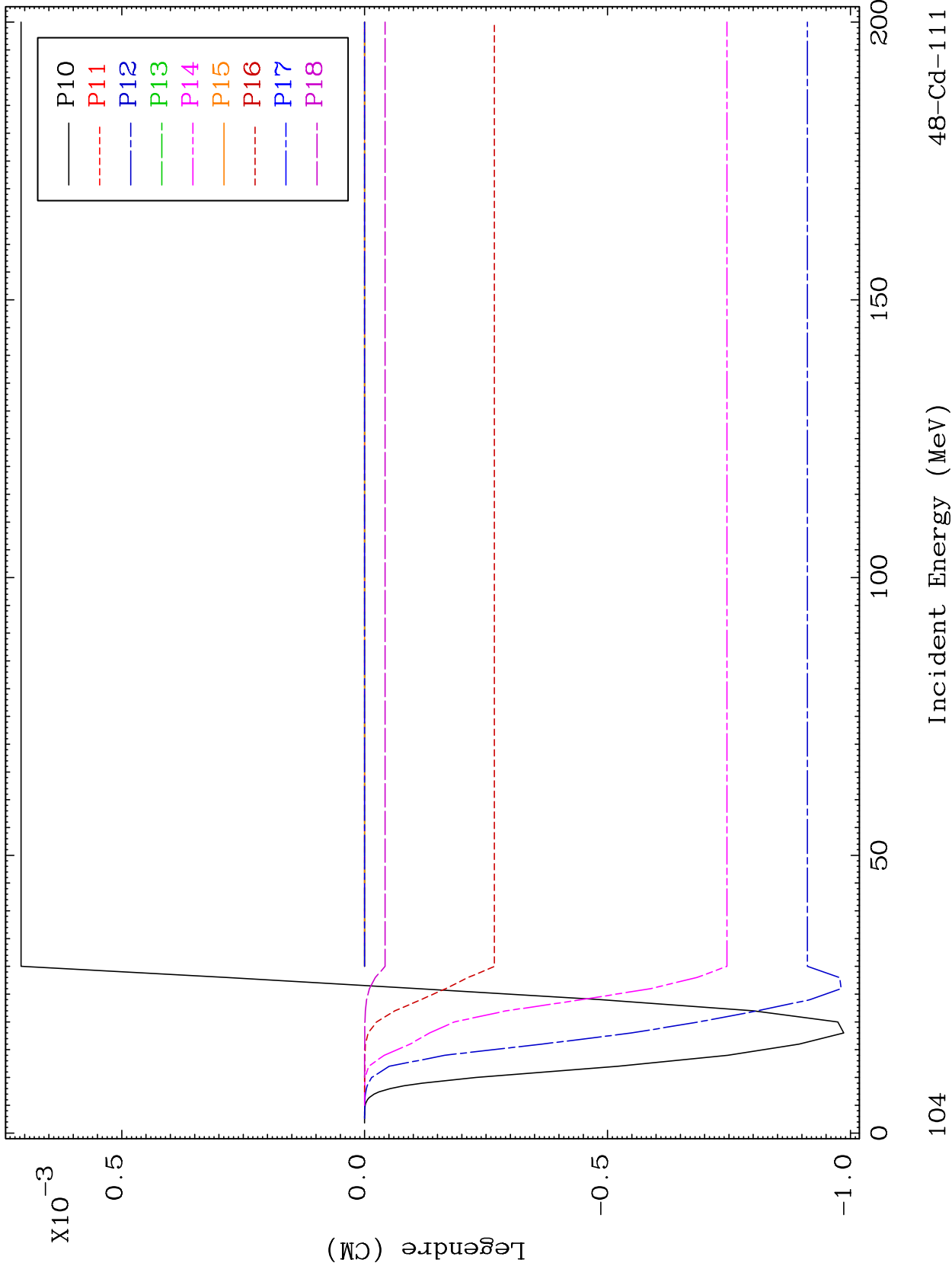




MAT 4840

MT= 79 (n,n') Level
Legendre Coefficients

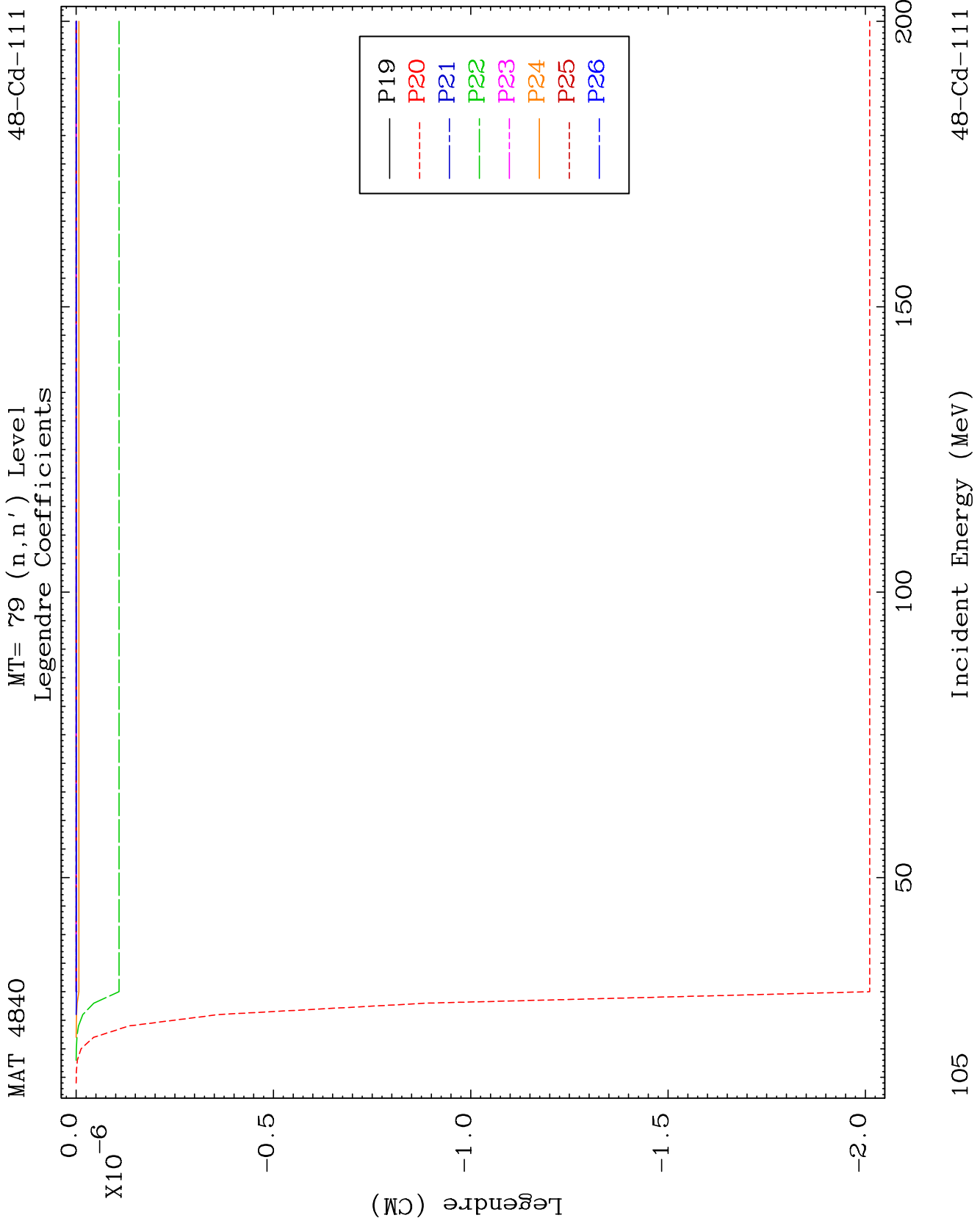
48-Cd-111



104

Incident Energy (MeV)

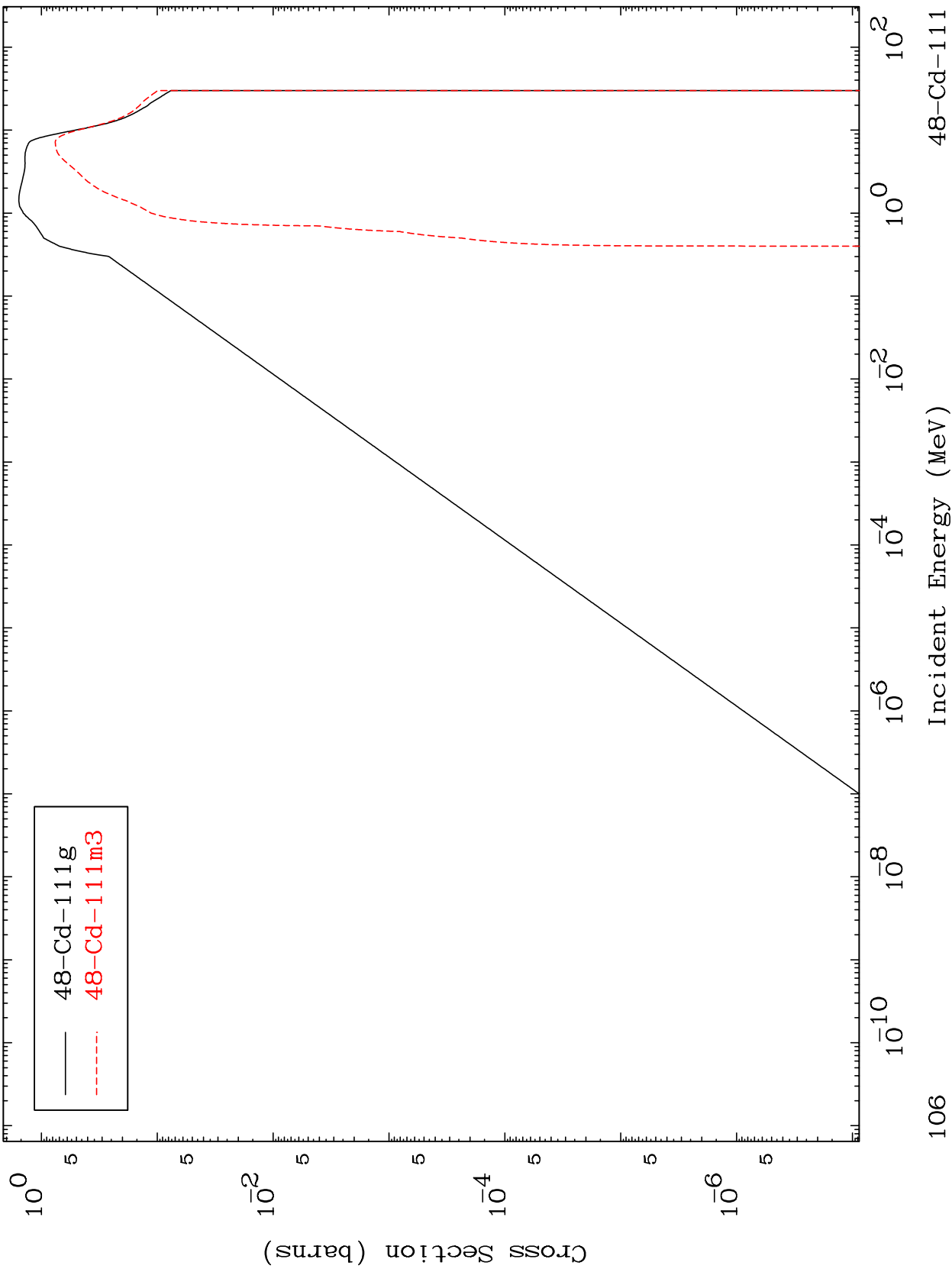
48-Cd-111

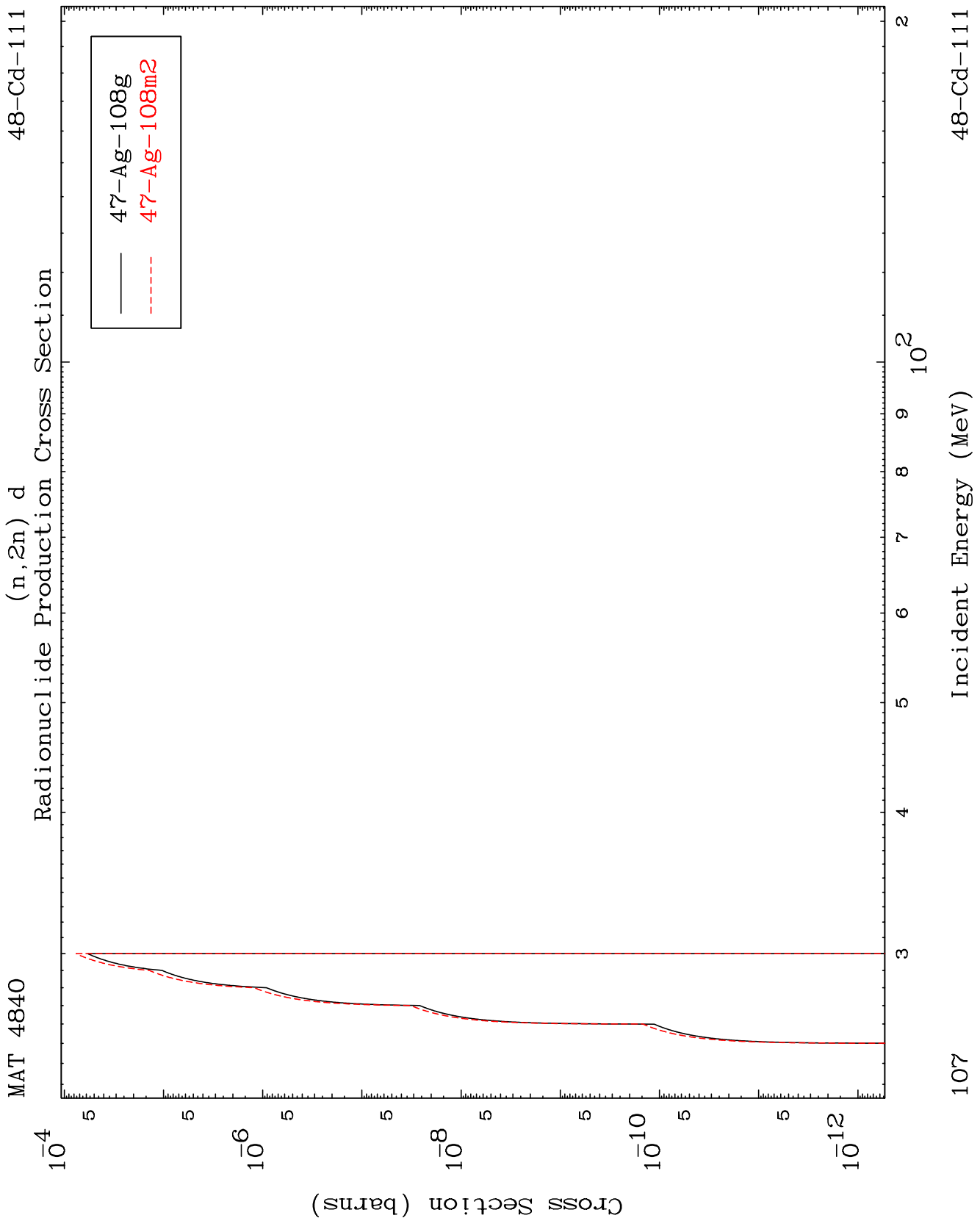


MAT 4840

48-Cd-111

Inelastic
Radionuclide Production Cross Section



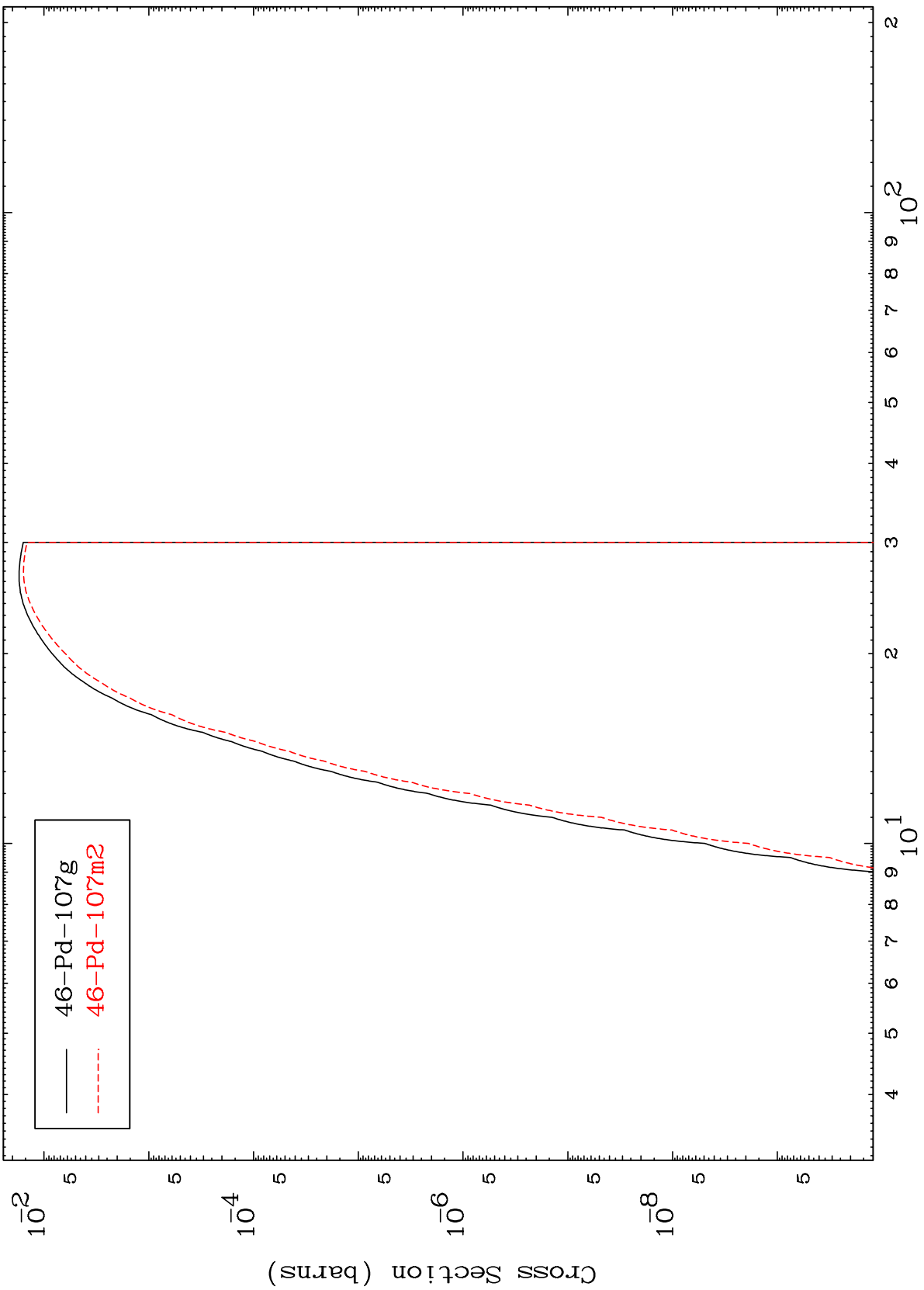


MAT 4840

(n,n') α

48-Cd-111

Radionuclide Production Cross Section



108

Incident Energy (MeV)

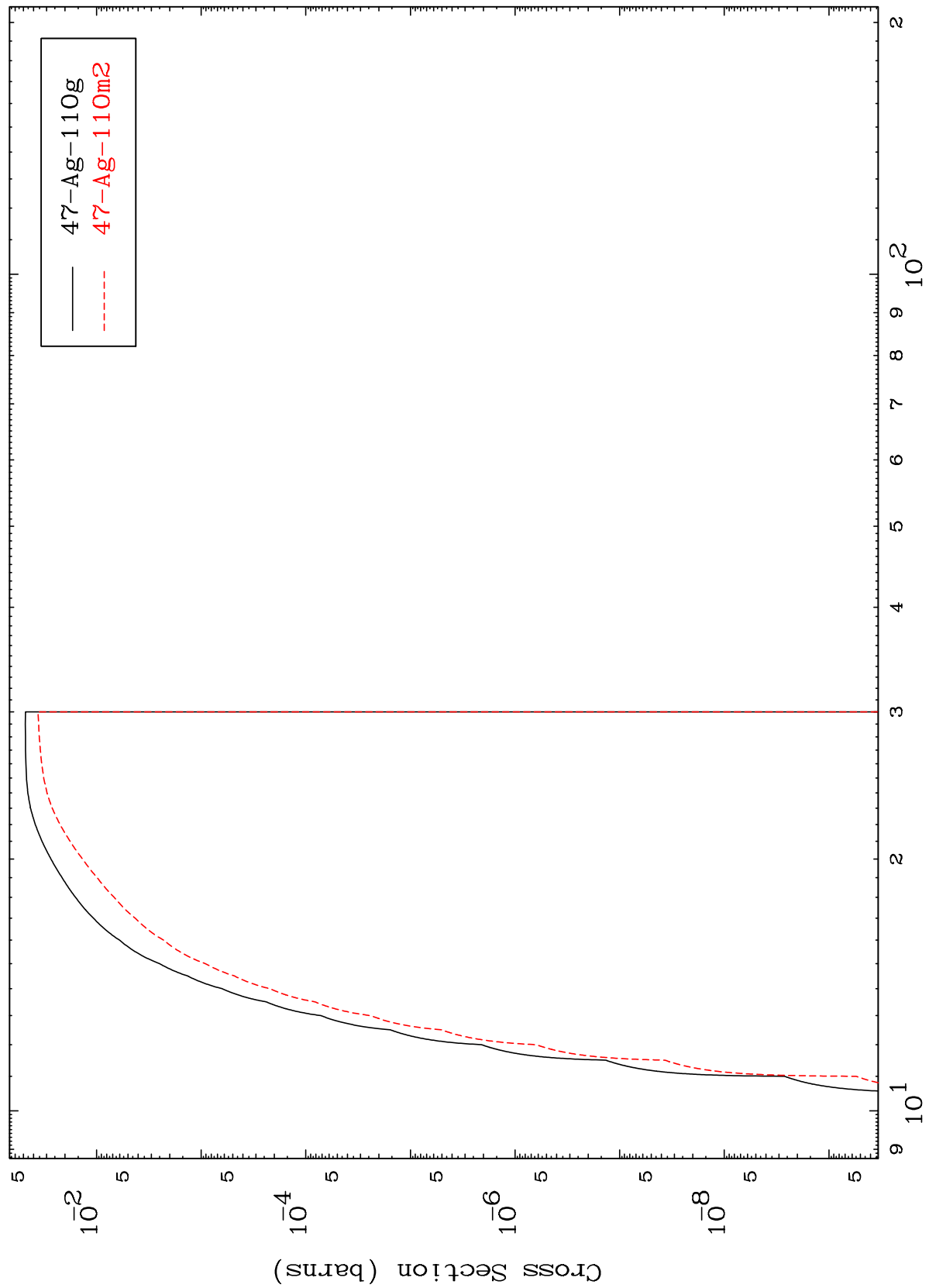
48-Cd-111

MAT 4840

(n,n') p

48-Cd-111

Radionuclide Production Cross Section



109

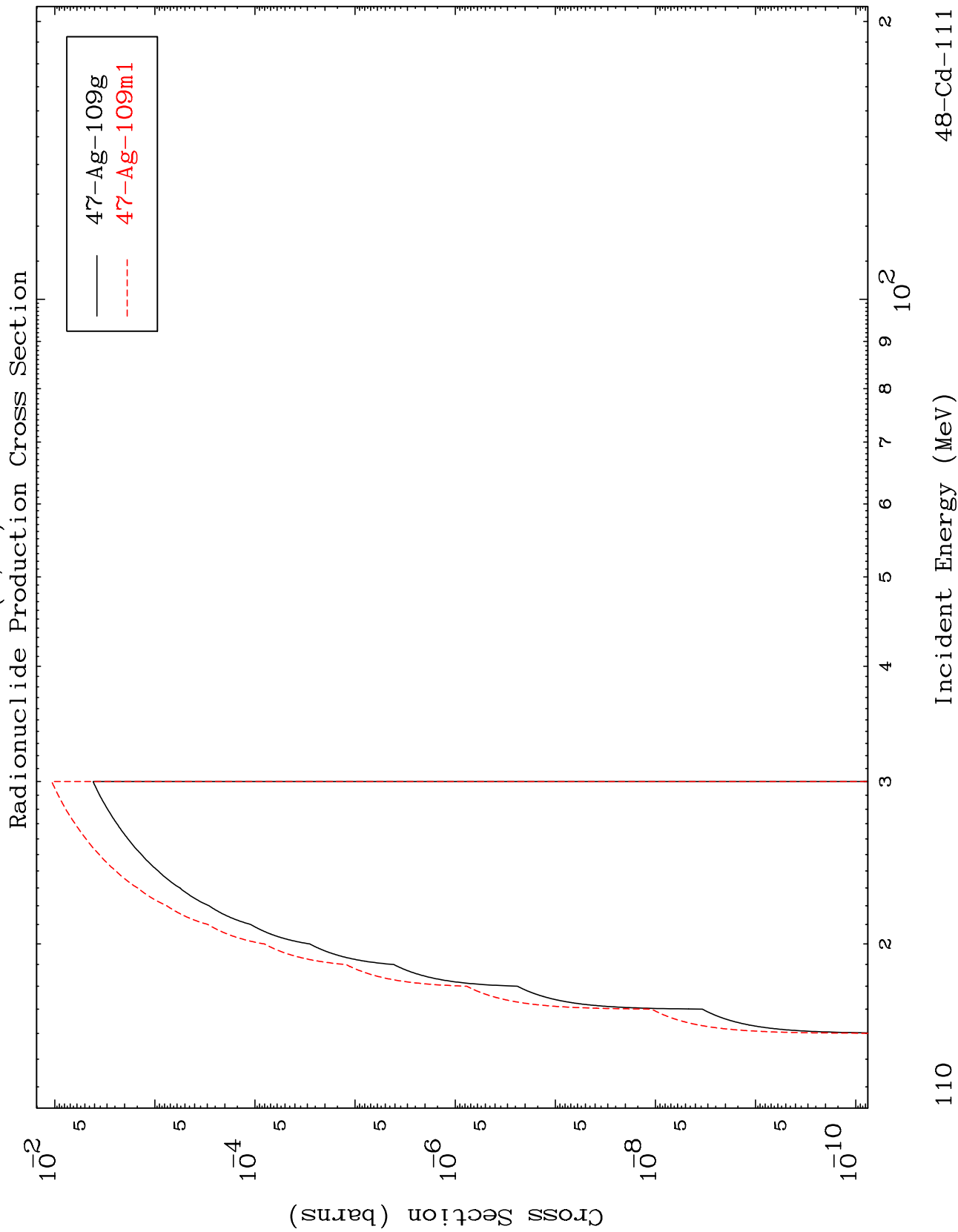
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,n') d

48-Cd-111



110

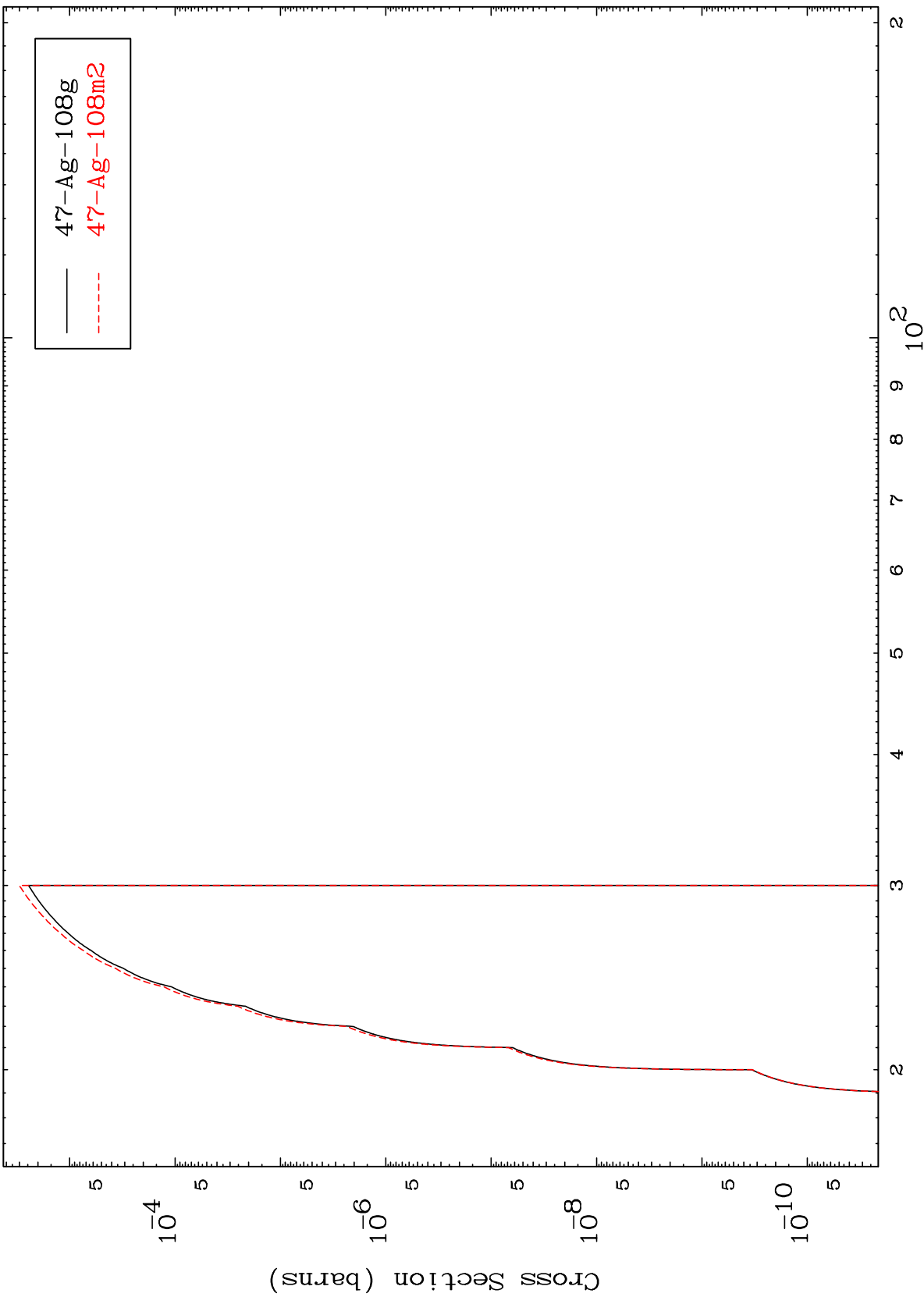
48-Cd-111

MAT 4840

(n,n') t

48-Cd-111

Radionuclide Production Cross Section



111

Incident Energy (MeV)

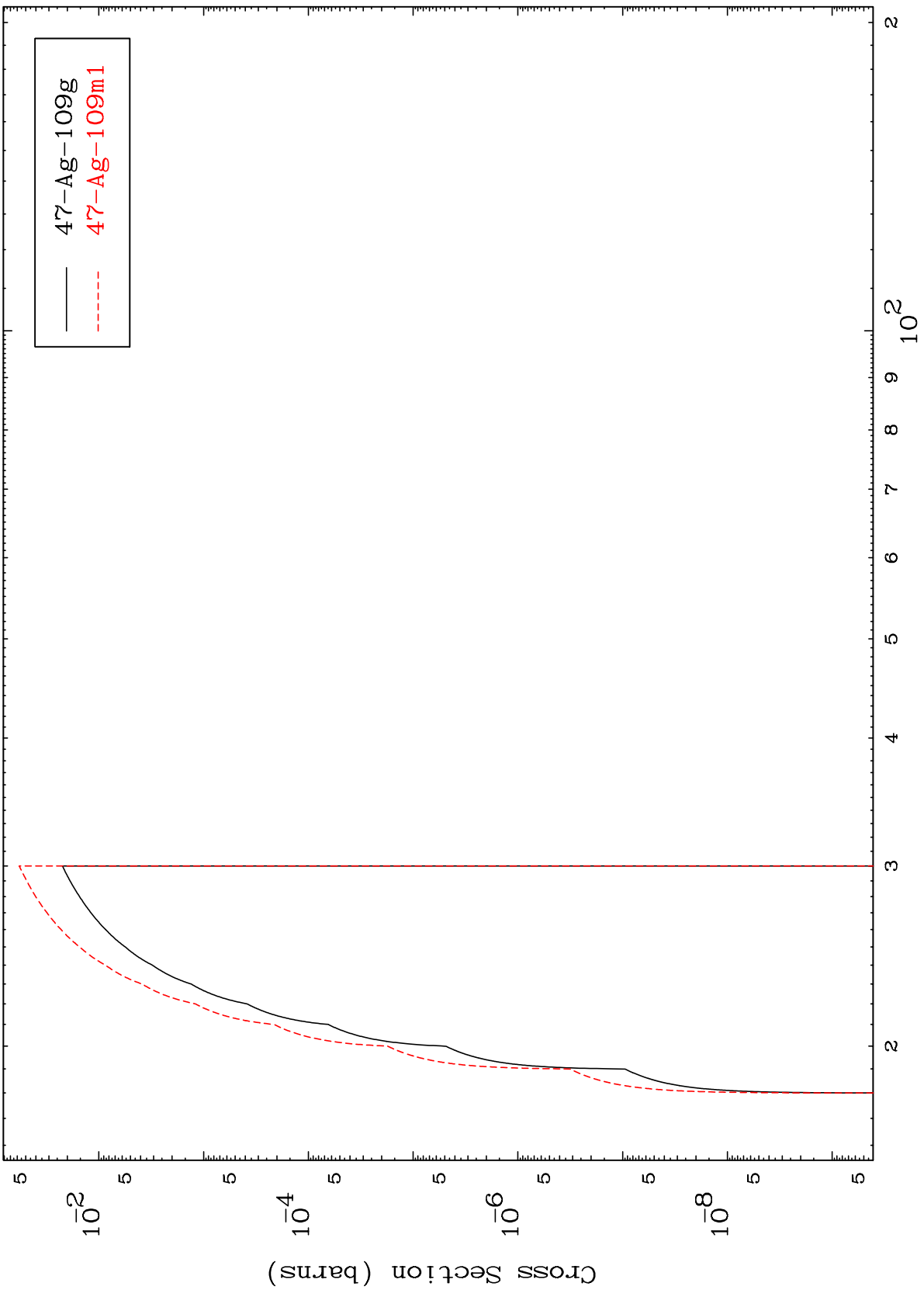
48-Cd-111

MAT 4840

(n,2n) p

48-Cd-111

Radionuclide Production Cross Section



47-Ag-109g
47-Ag-109m1

112

Incident Energy (MeV)

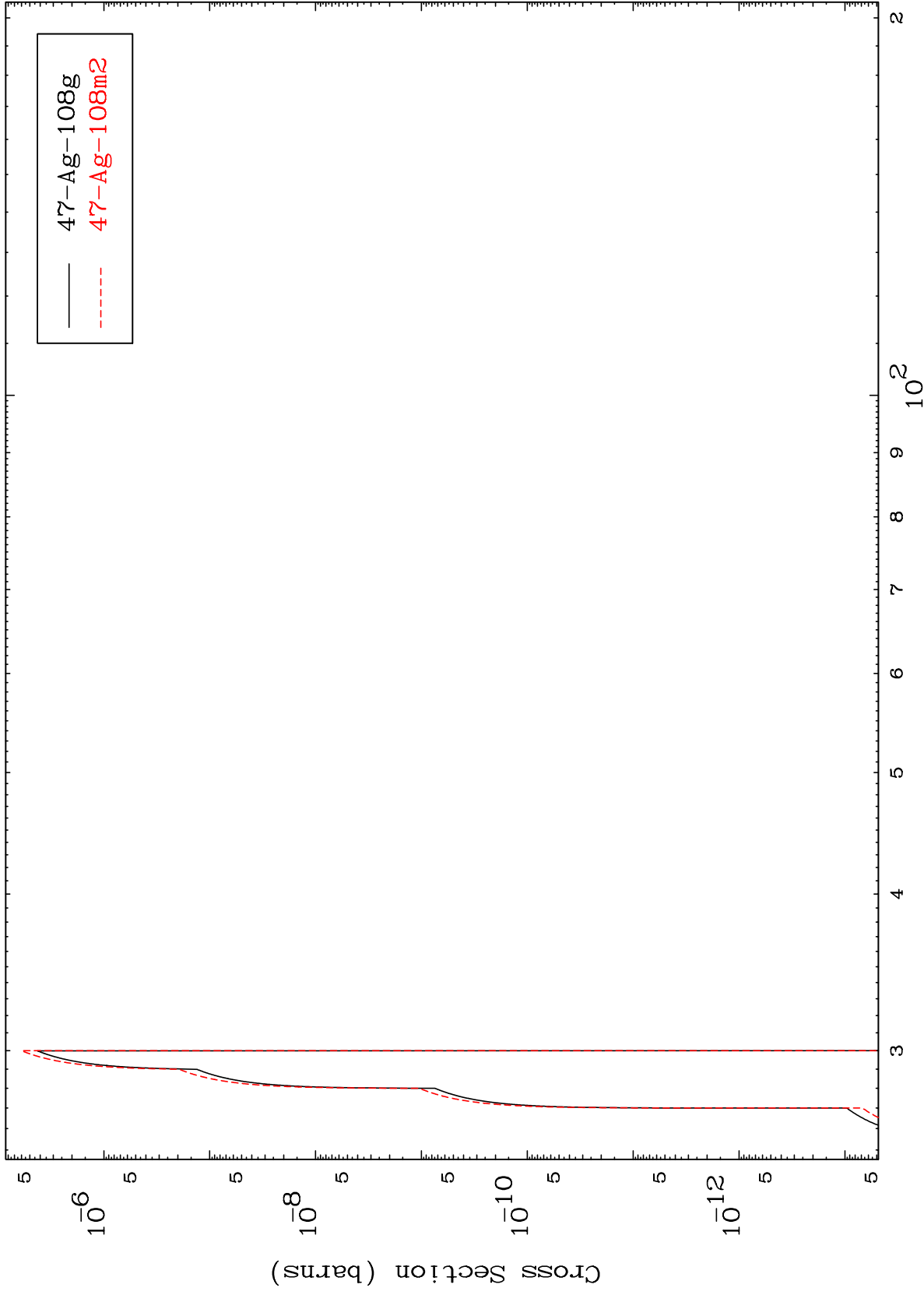
48-Cd-111

MAT 4840

(n,3n) p

48-Cd-111

Radionuclide Production Cross Section



113

Incident Energy (MeV)

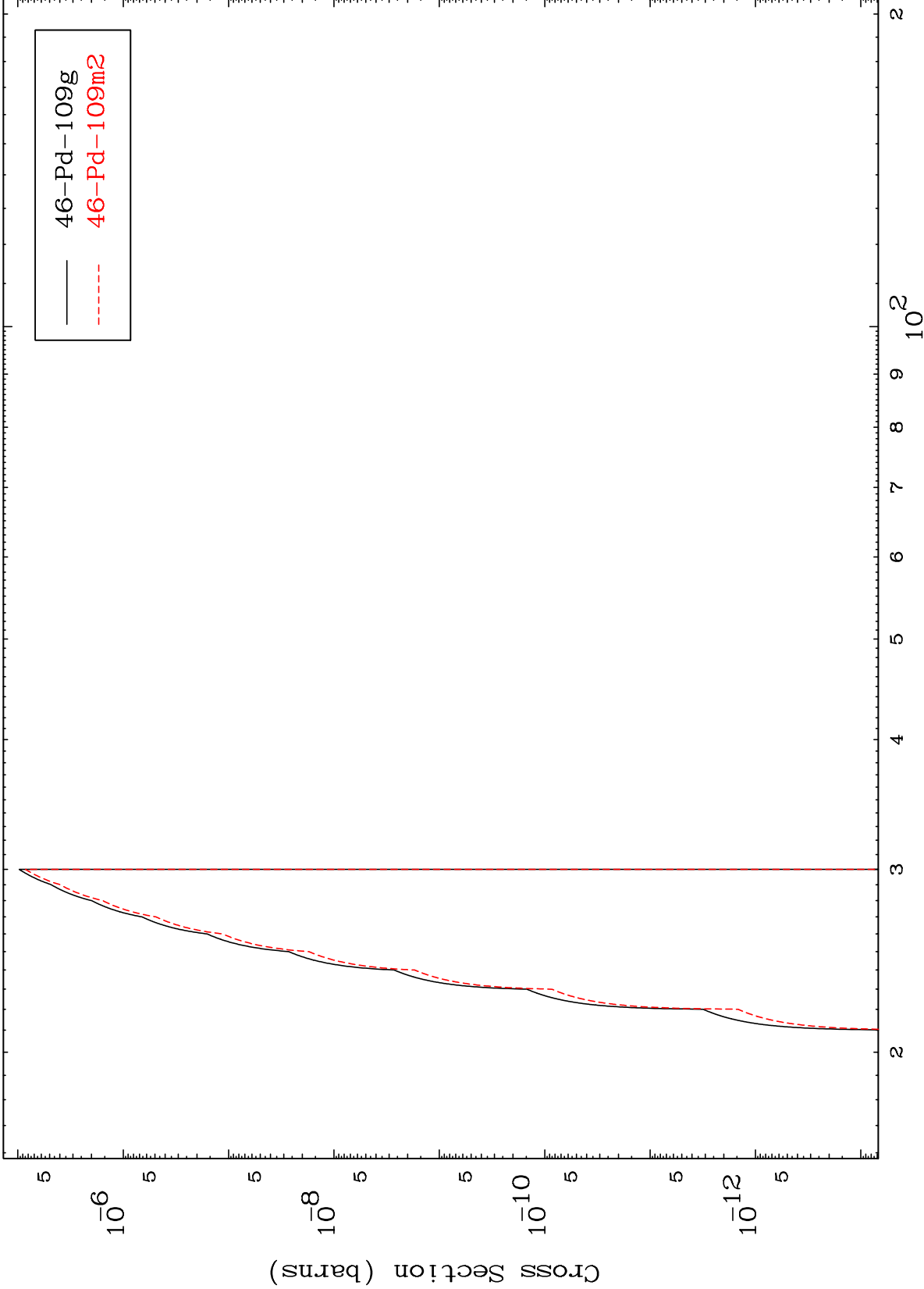
48-Cd-111

MAT 4840

(n,2n) p

48-Cd-111

Radionuclide Production Cross Section



114

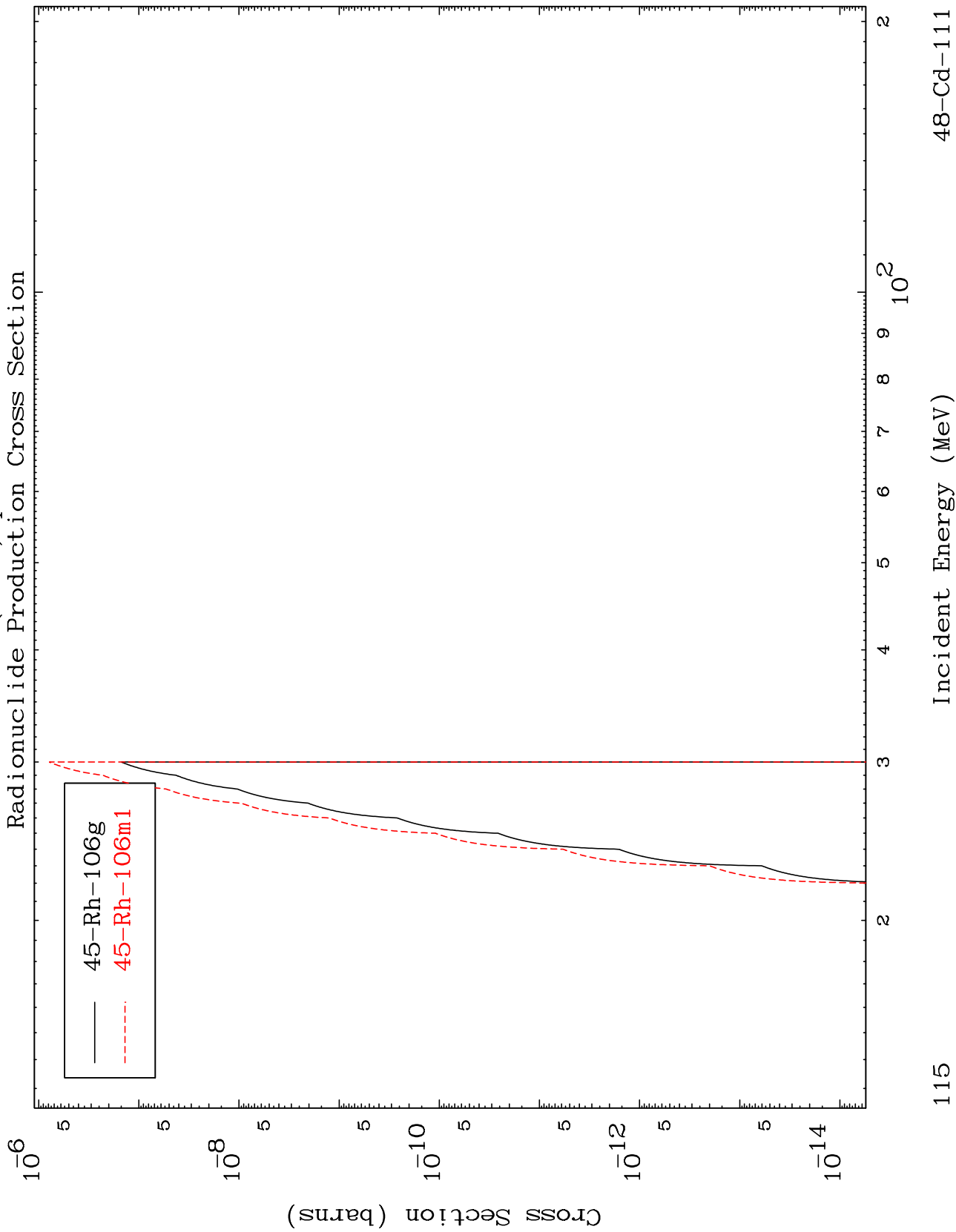
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,n') p α

48-Cd-111



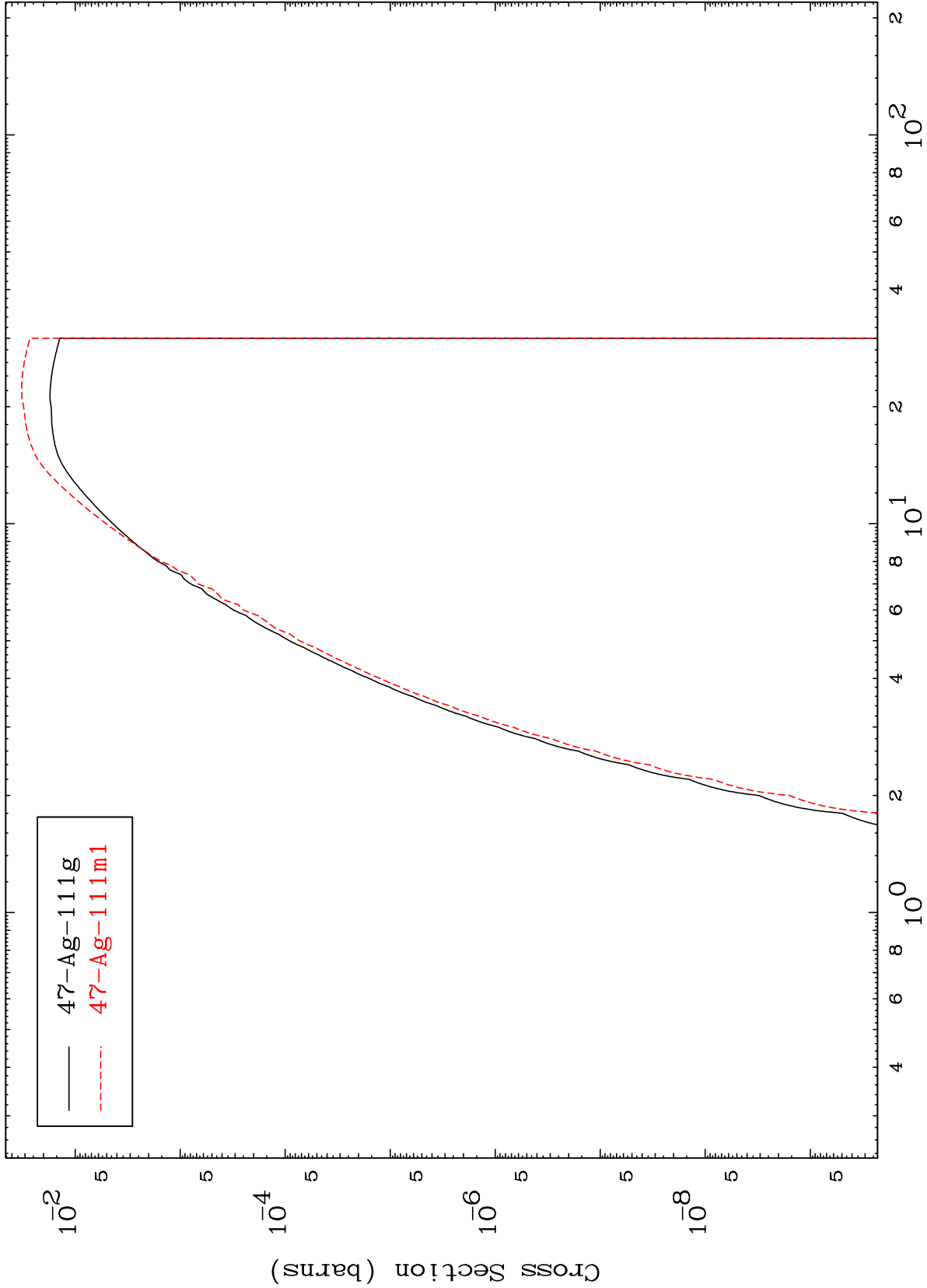
115

48-Cd-111

MAT 4840

48-Cd-111

(n,p)
Radionuclide Production Cross Section



116

48-Cd-111

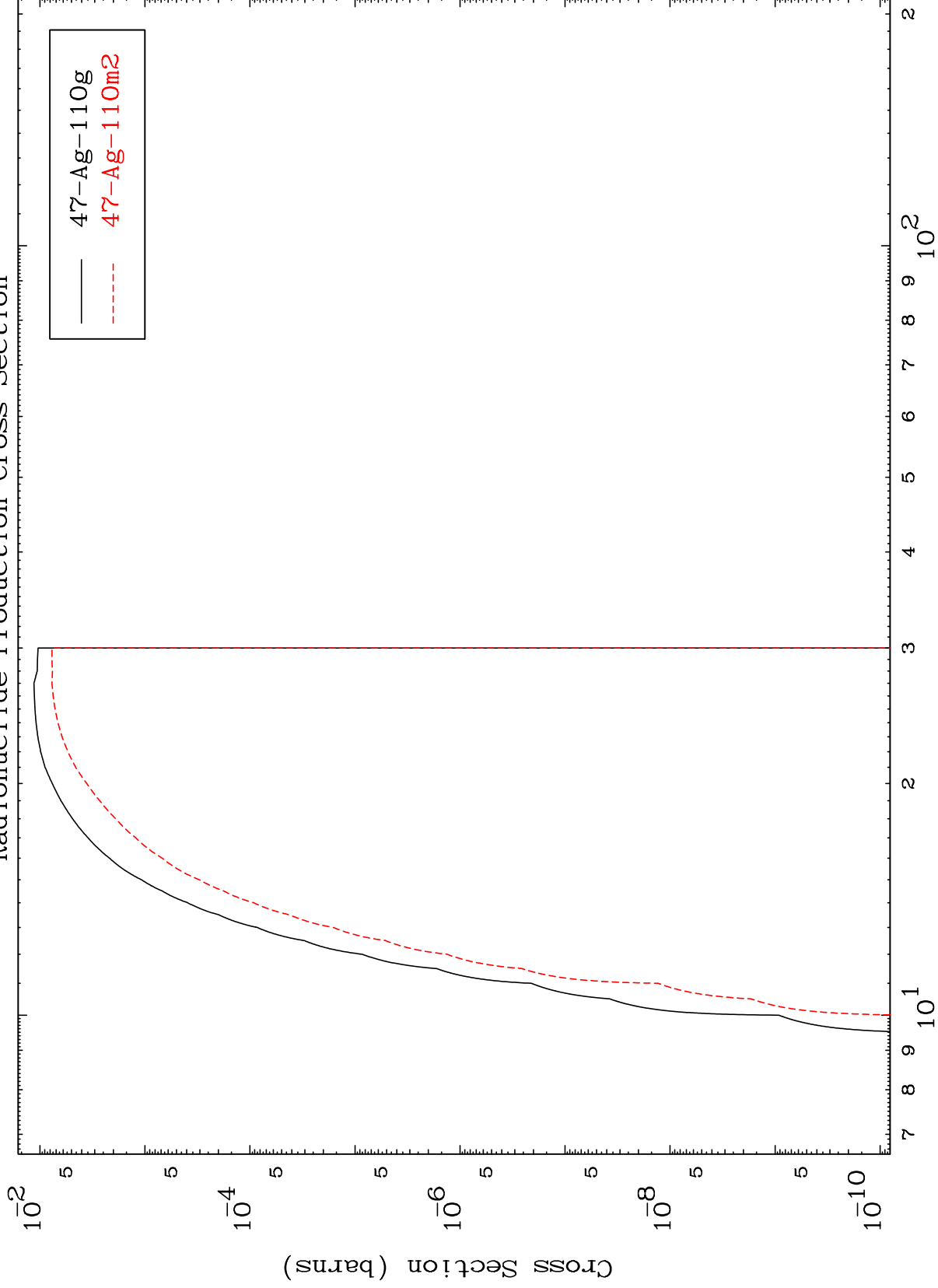
Incident Energy (MeV)

MAT 4840

(n,d)

48-Cd-111

Radionuclide Production Cross Section



117

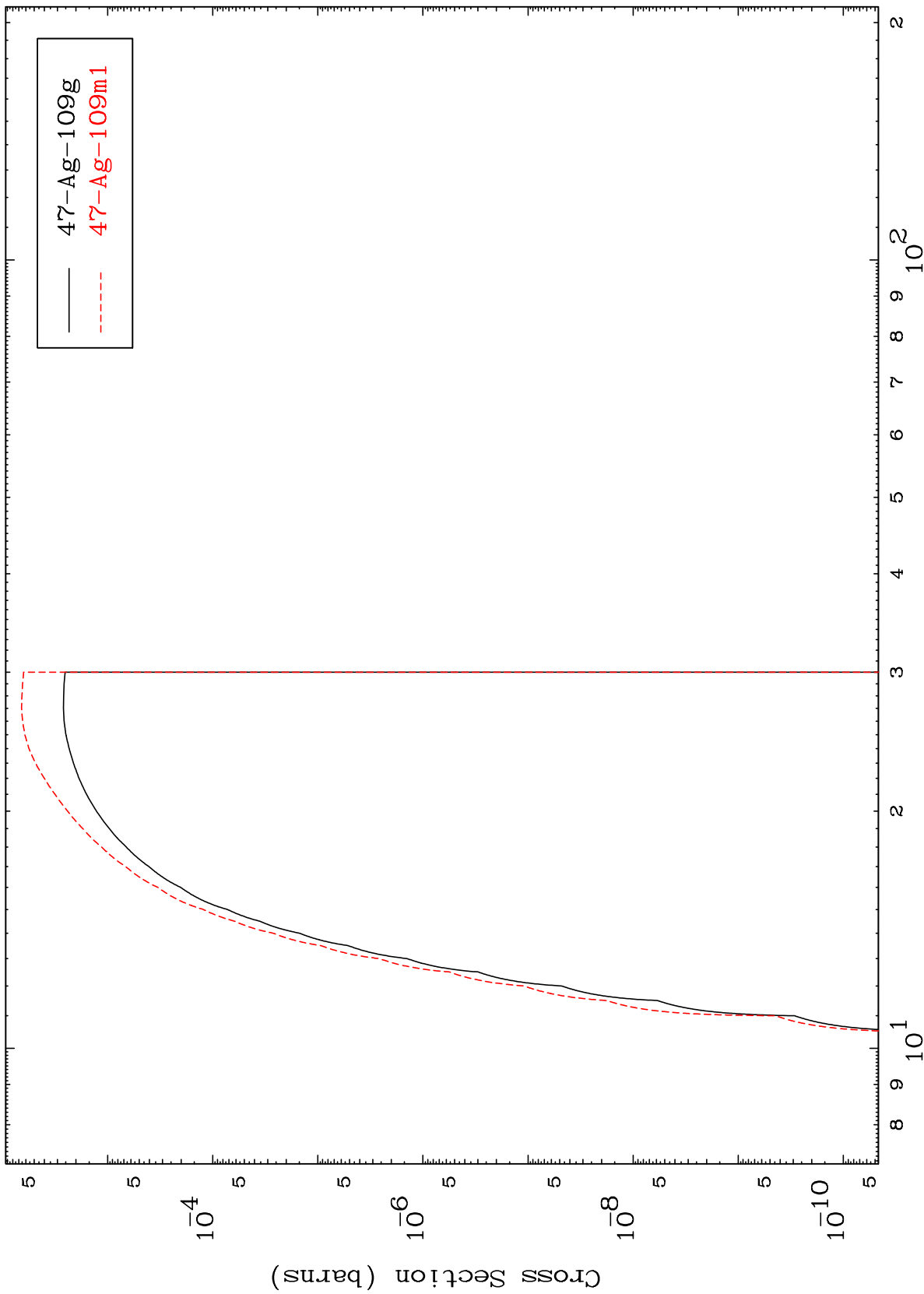
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

(n,t)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

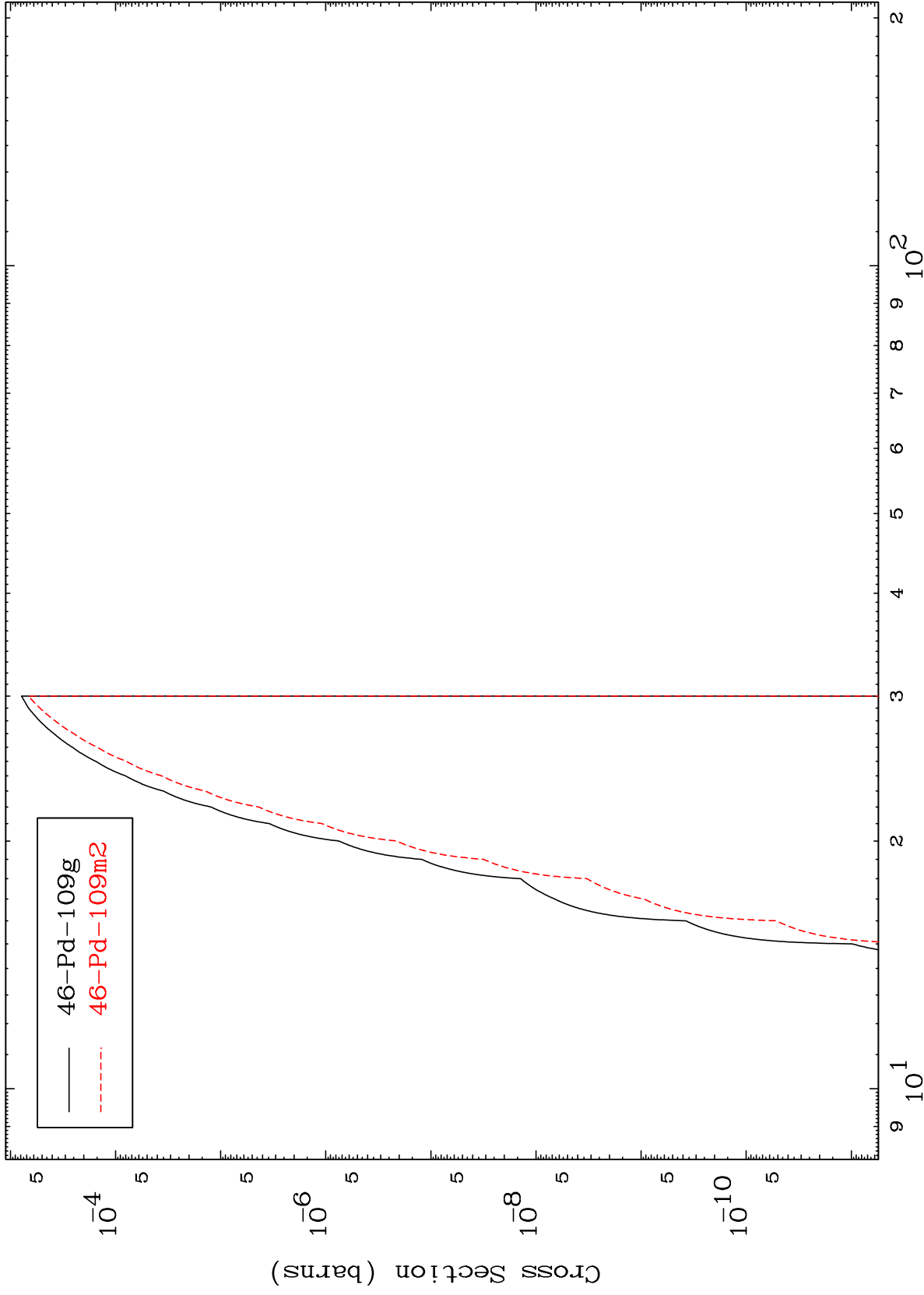
48-Cd-111

MAT 4840

(n,He-3)

48-Cd-111

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

119

Incident Energy (MeV)

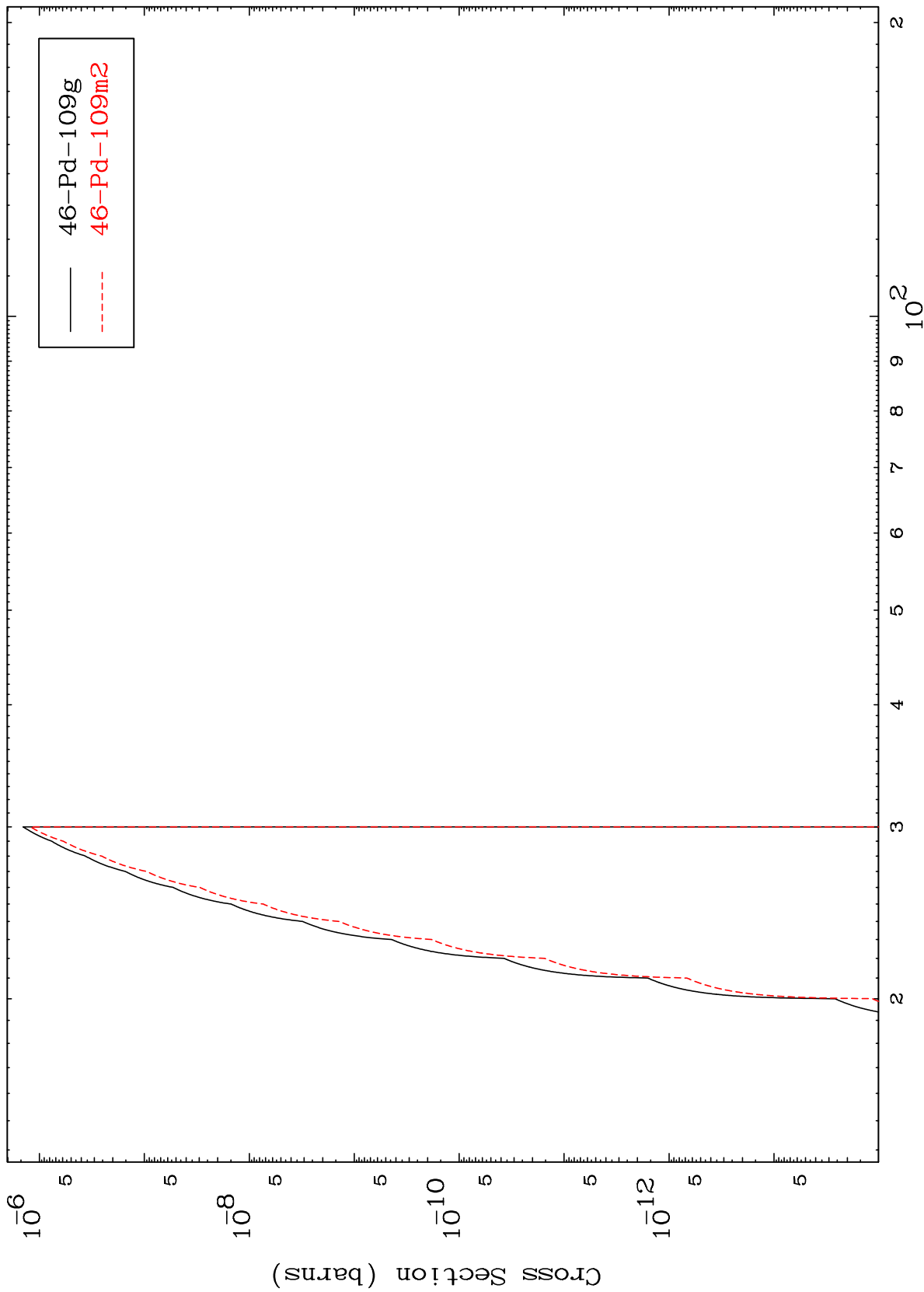
48-Cd-111

MAT 4840

(n,p) d

48-Cd-111

Radionuclide Production Cross Section



120

Incident Energy (MeV)

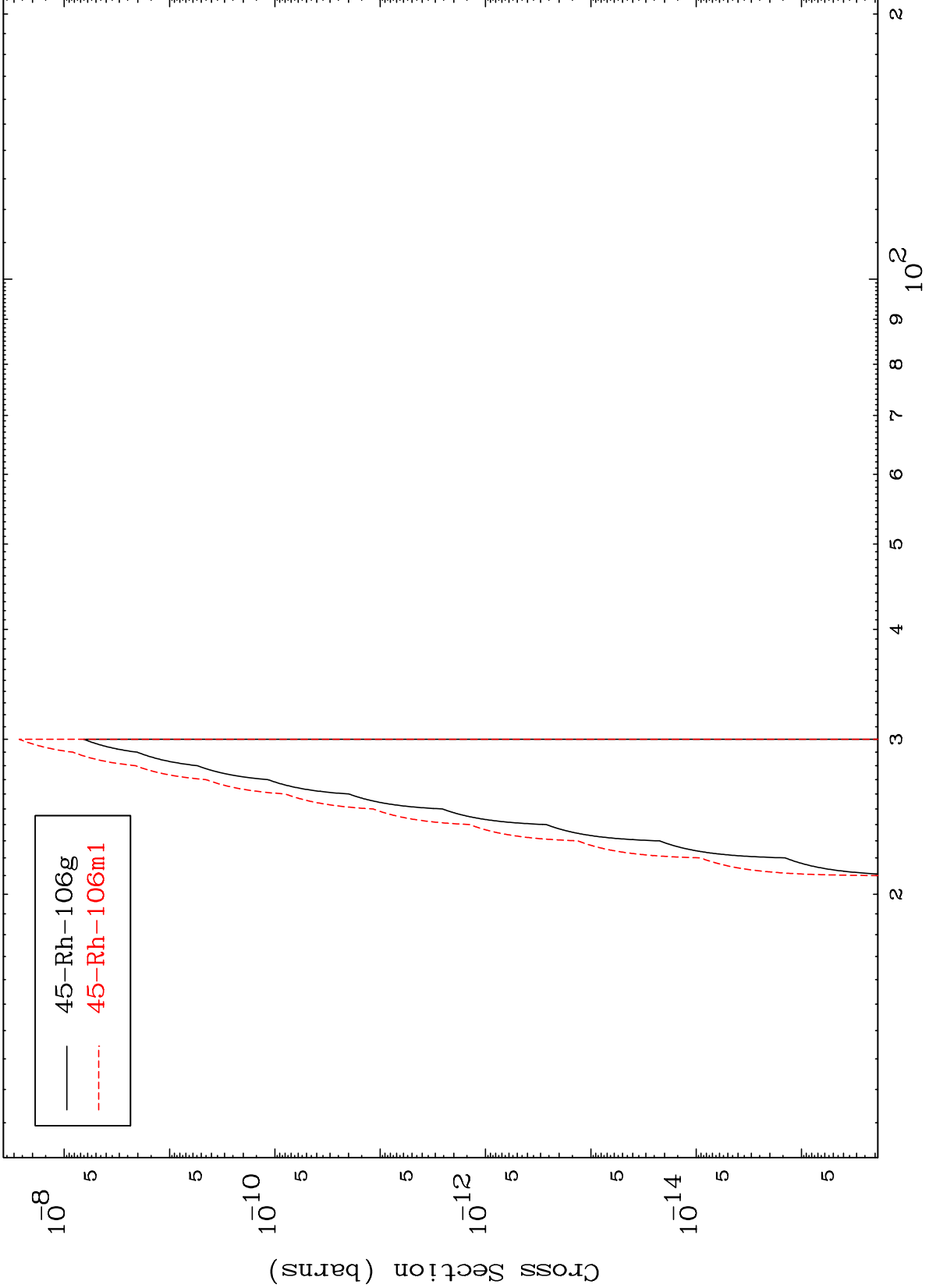
48-Cd-111

MAT 4840

(n,d) α

48-Cd-111

Radionuclide Production Cross Section



45-Rh-106g
45-Rh-106m1

121

Incident Energy (MeV)

48-Cd-111