

Program EVALPLOT  
(Version 2021-1)

by

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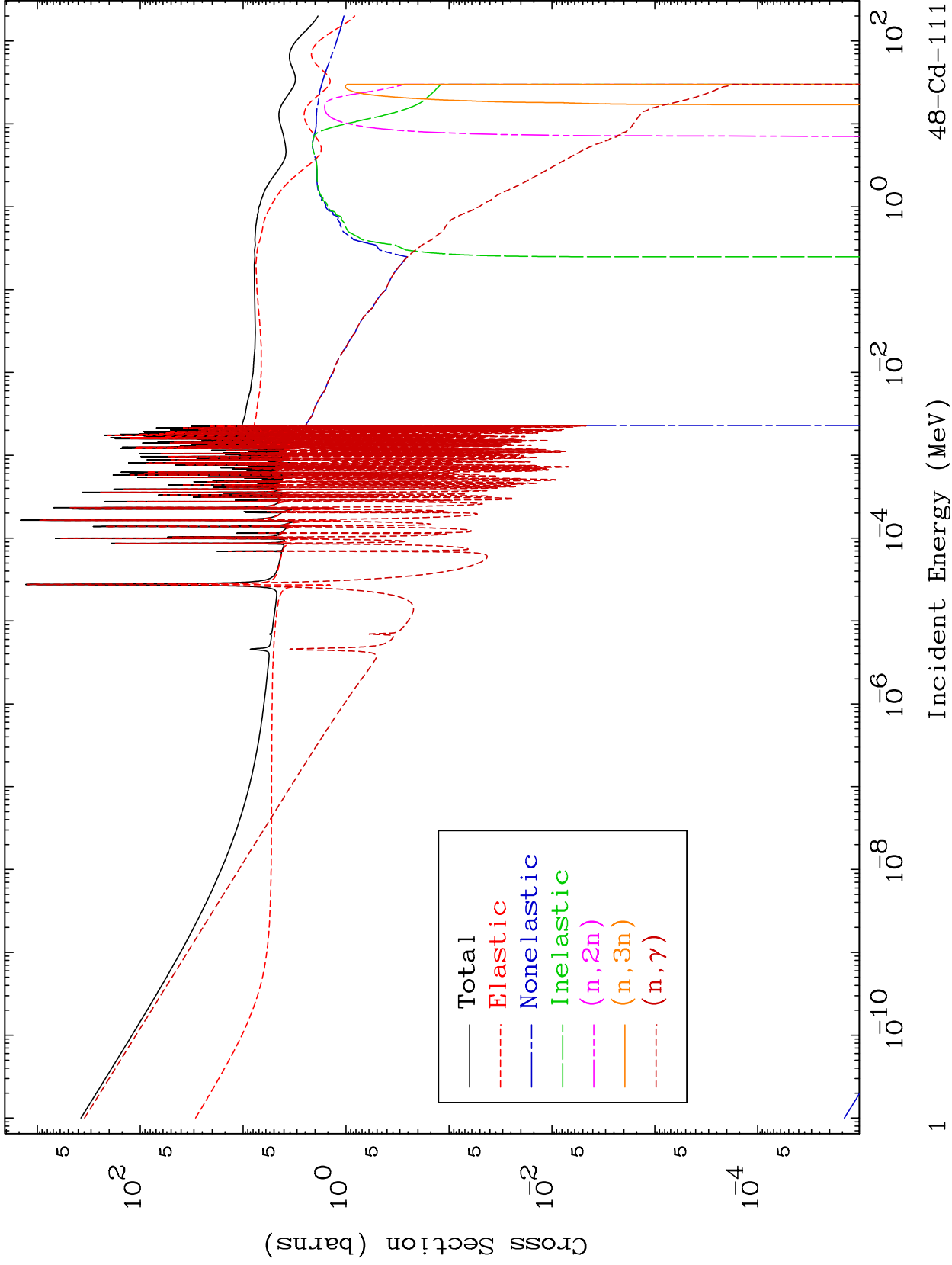
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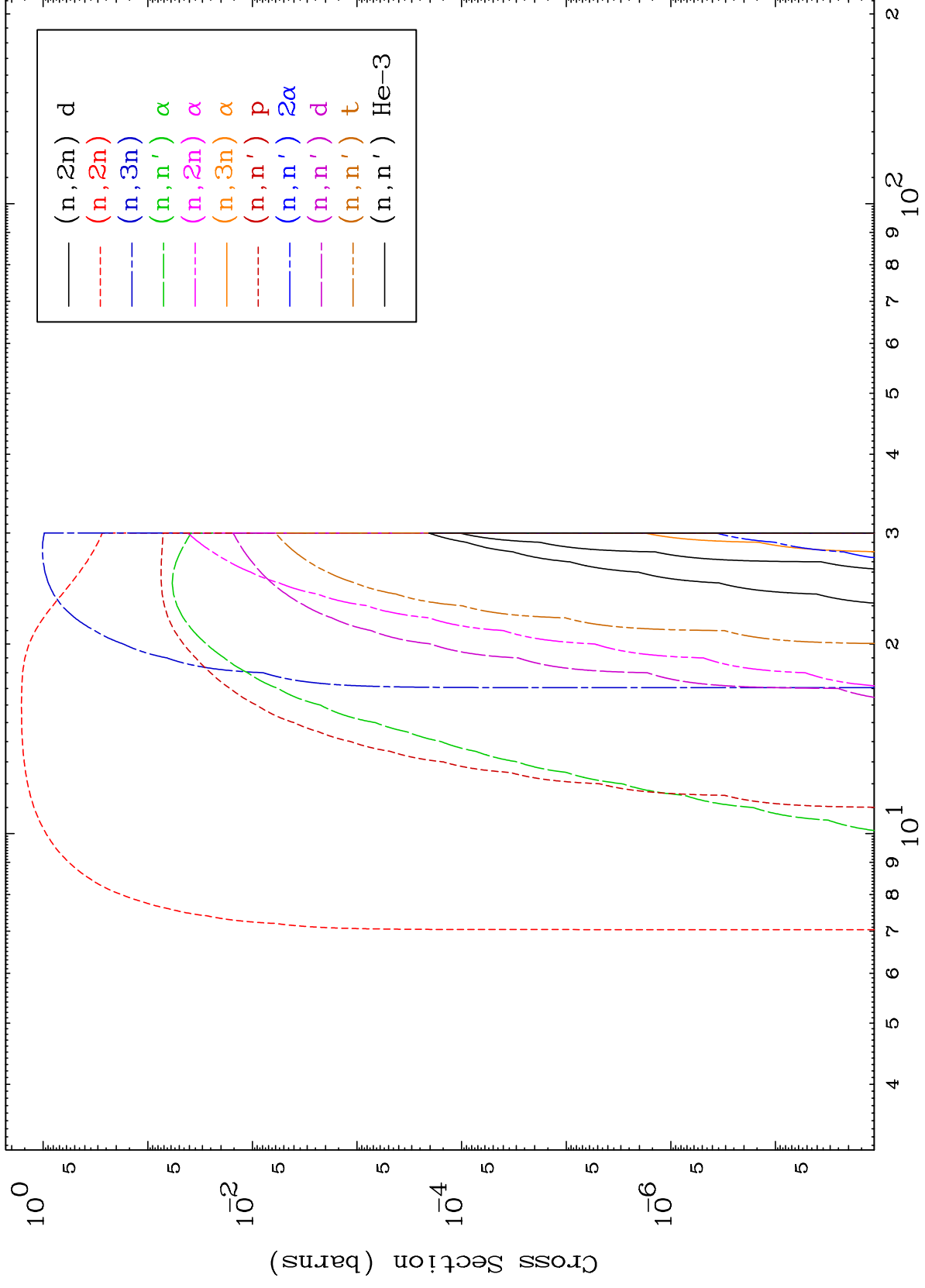
Press Mouse Button to Start

MAT 4840

Neutron Major  
293 Kelvin Cross Sections

48-Cd-111

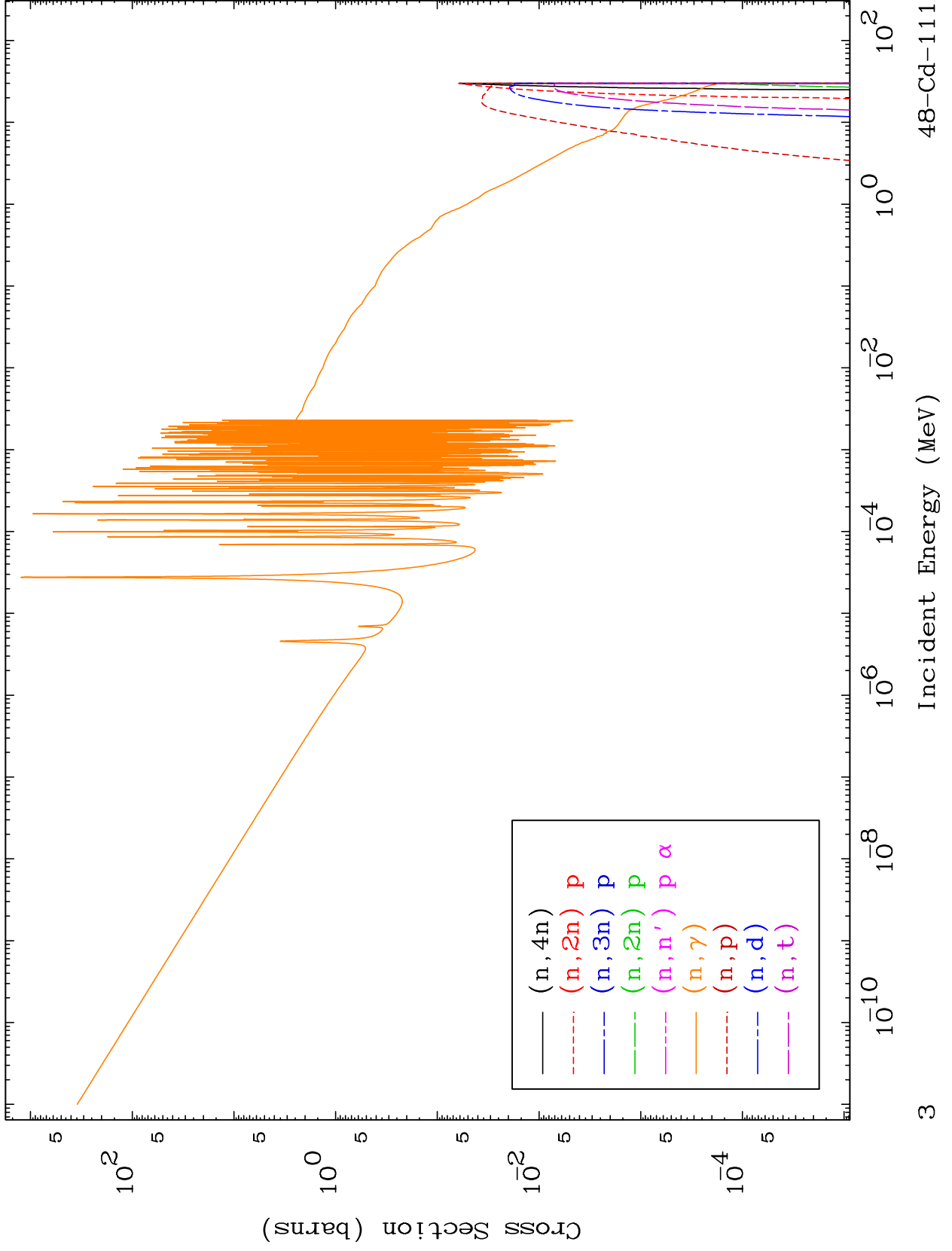




MAT 4840

Neutron Absorption  
293 Kelvin Cross Sections

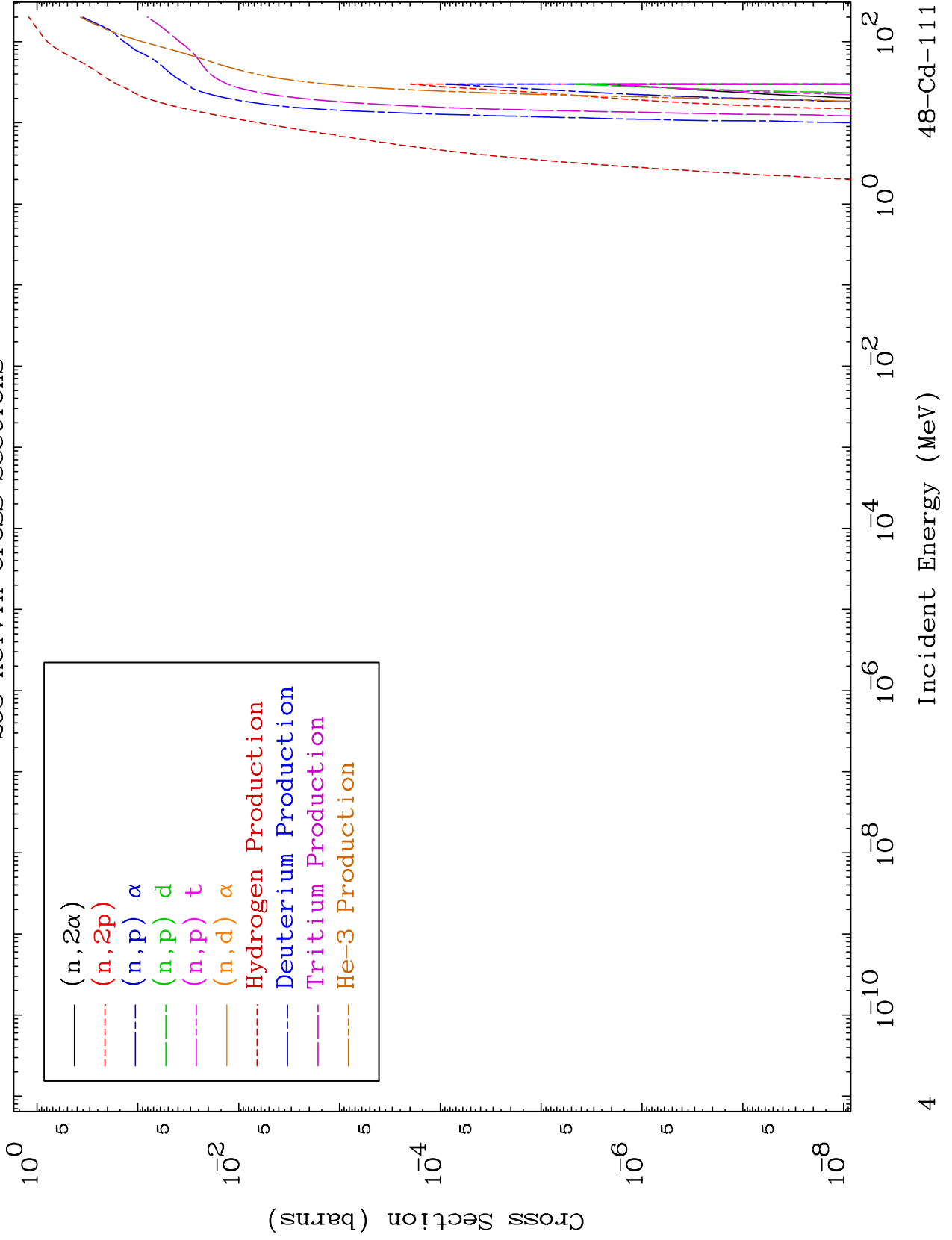
48-Cd-111



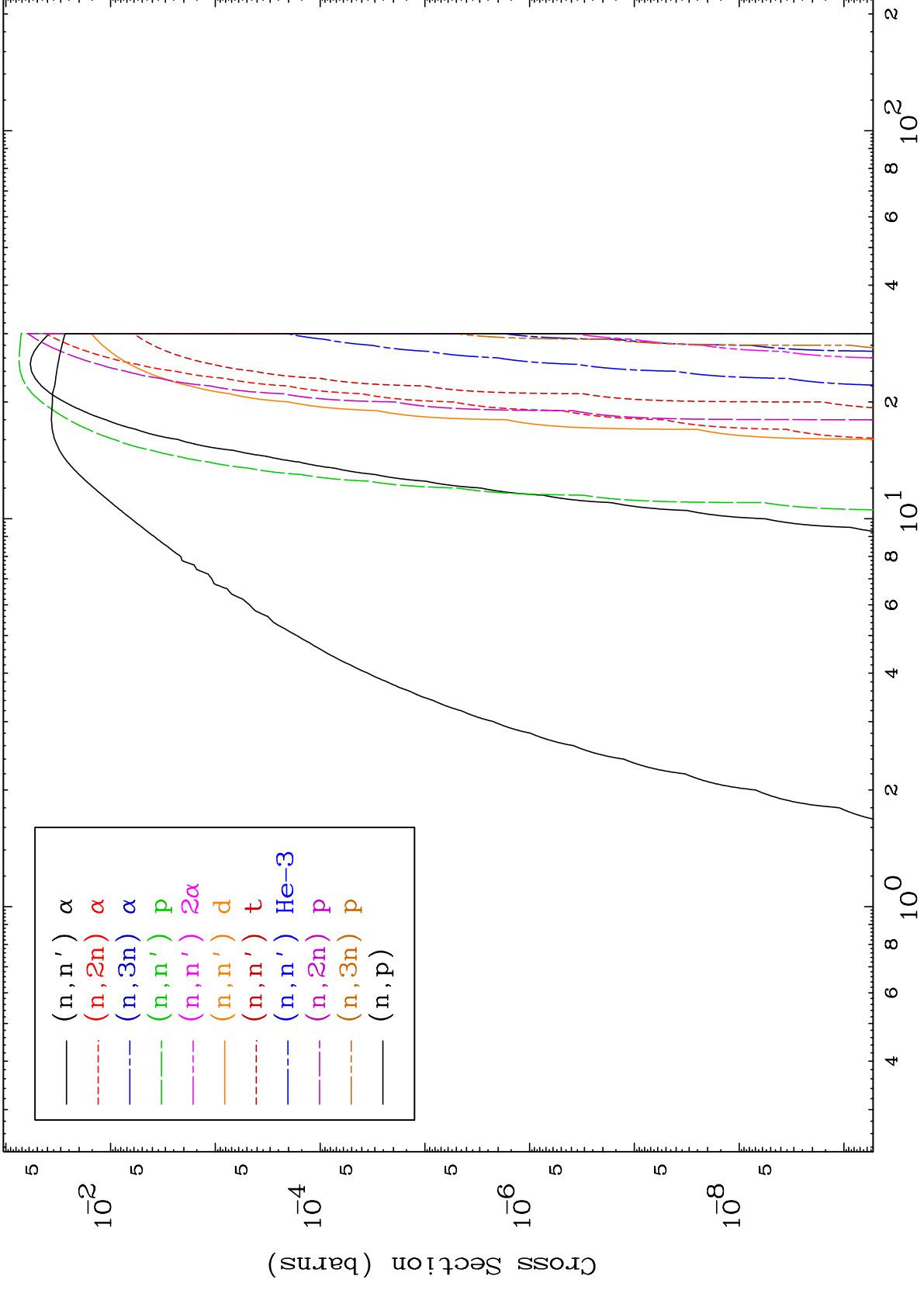
MAT 4840

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-111



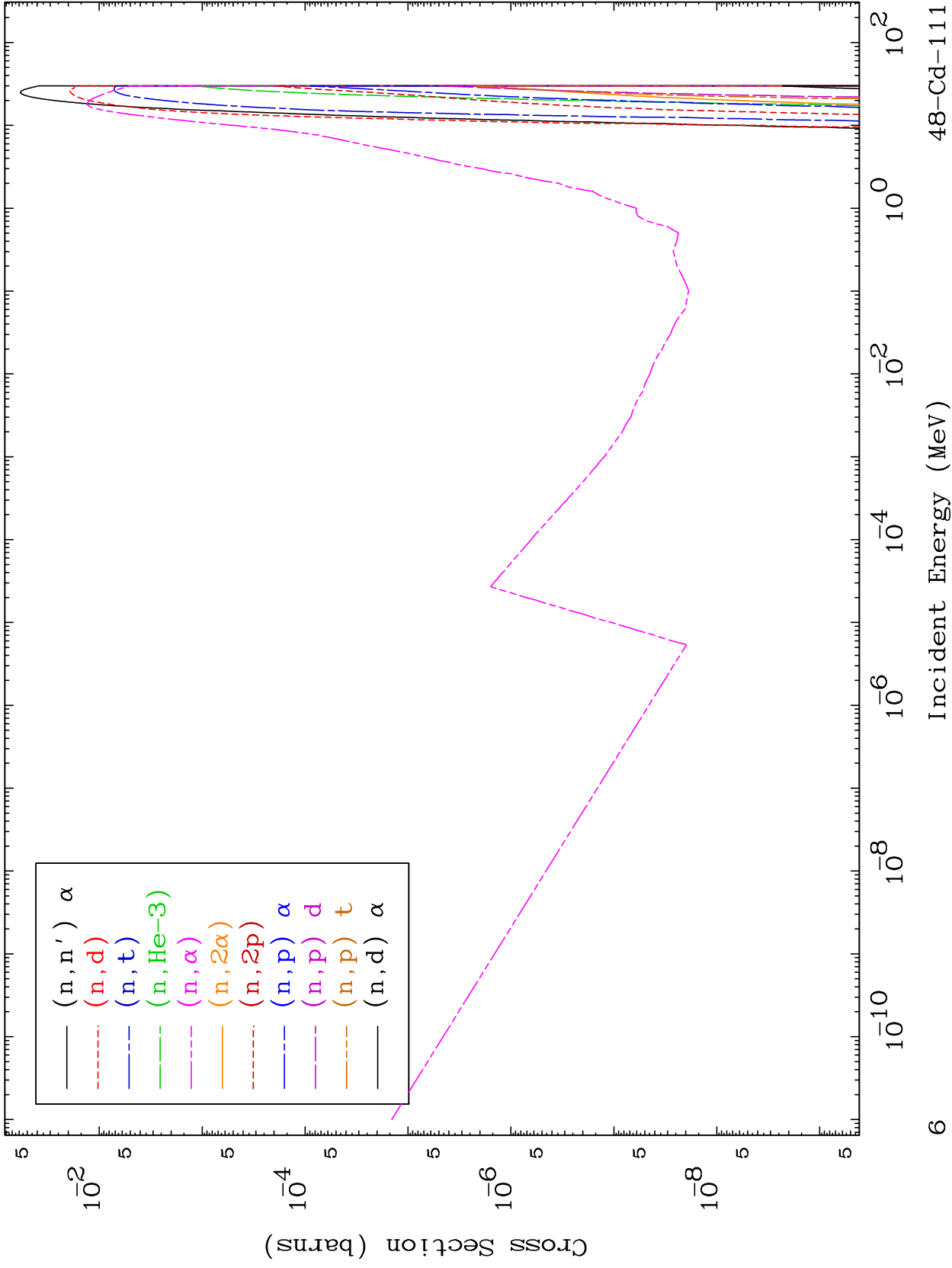
293 Kelvin Cross Sections



MAT 4840

Charged Particle  
293 Kelvin Cross Sections

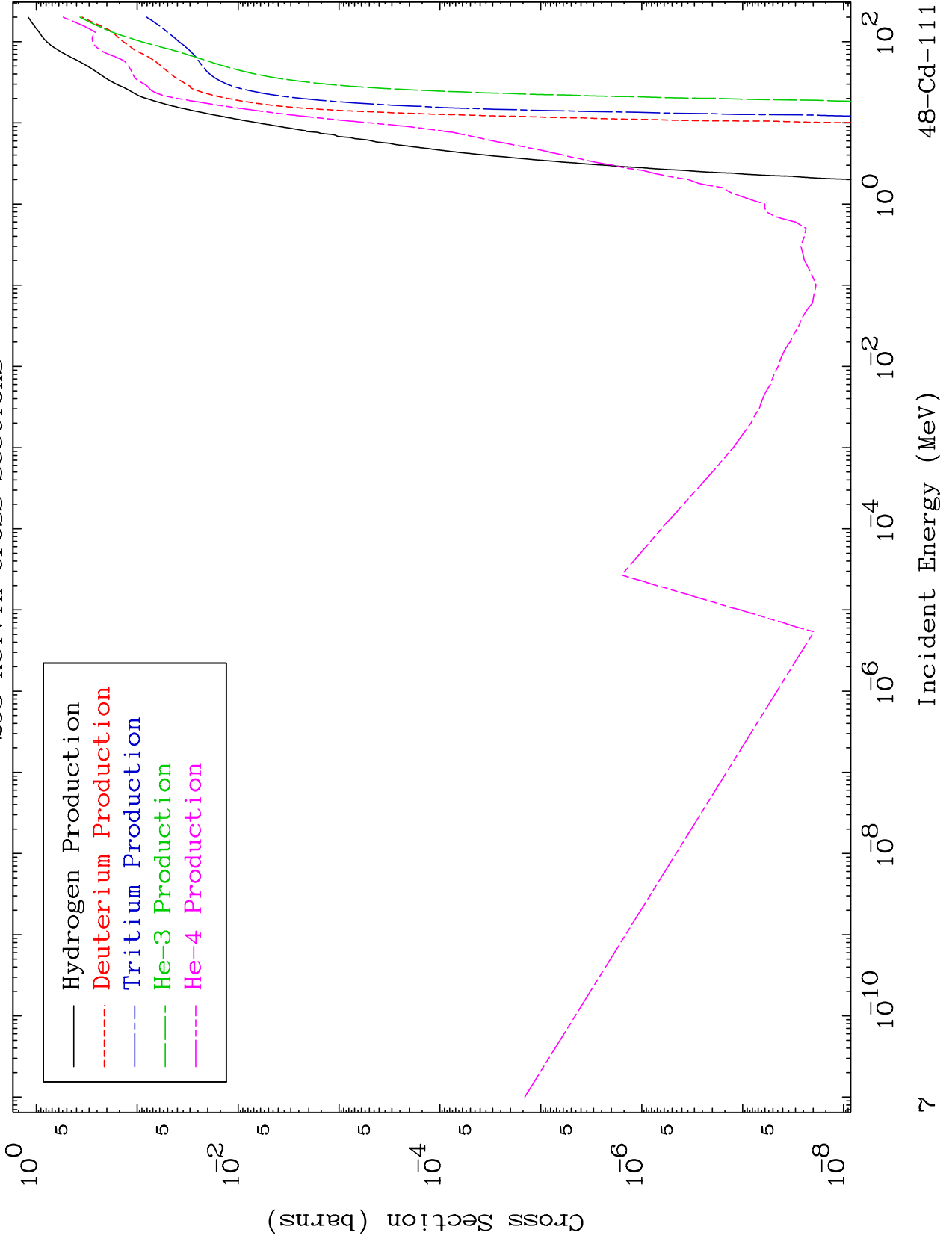
48-Cd-111



MAT 4840

Particle Production  
293 Kelvin Cross Sections

48-Cd-111

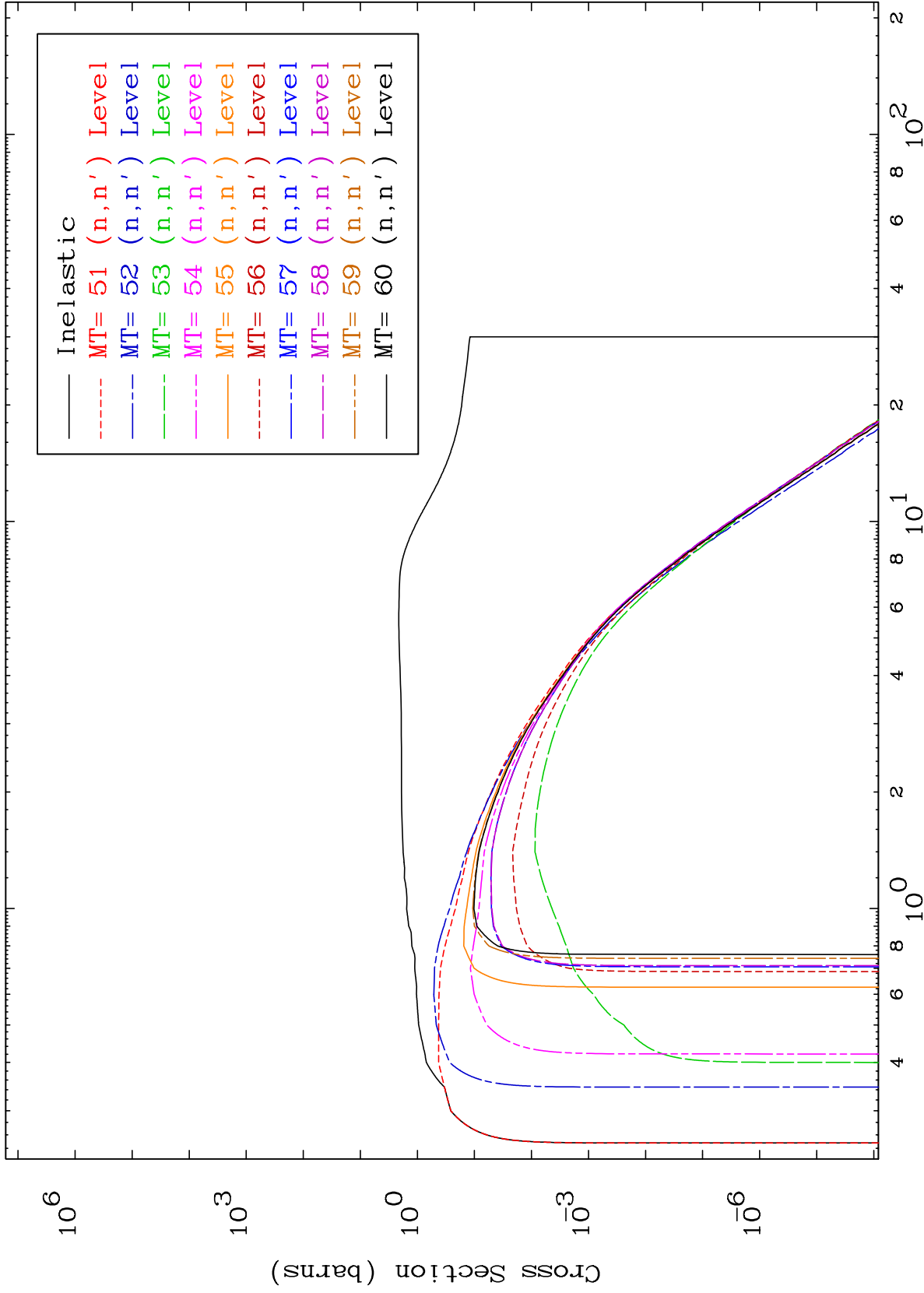


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections



8

Incident Energy (MeV)

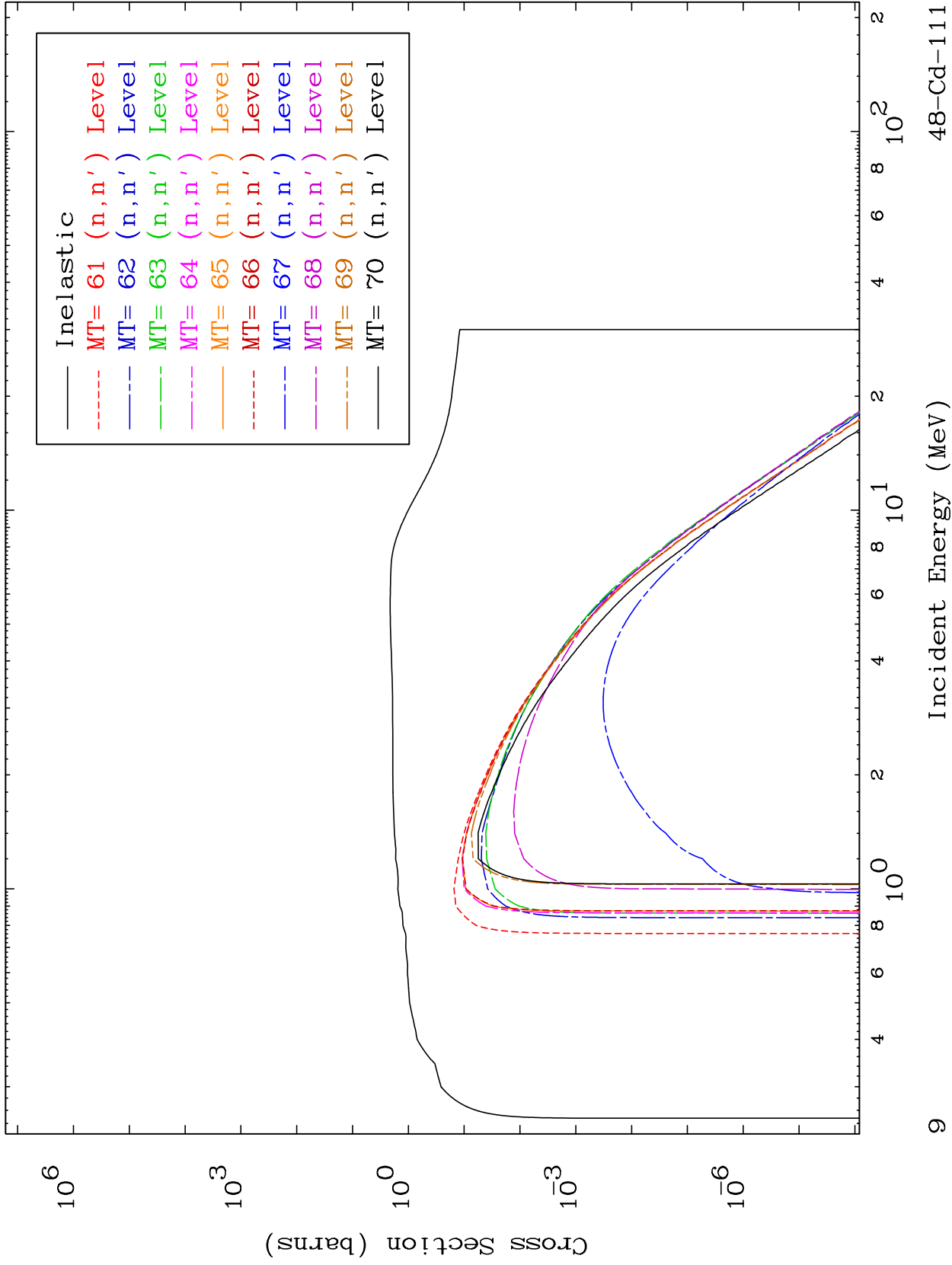
48-Cd-111

MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections

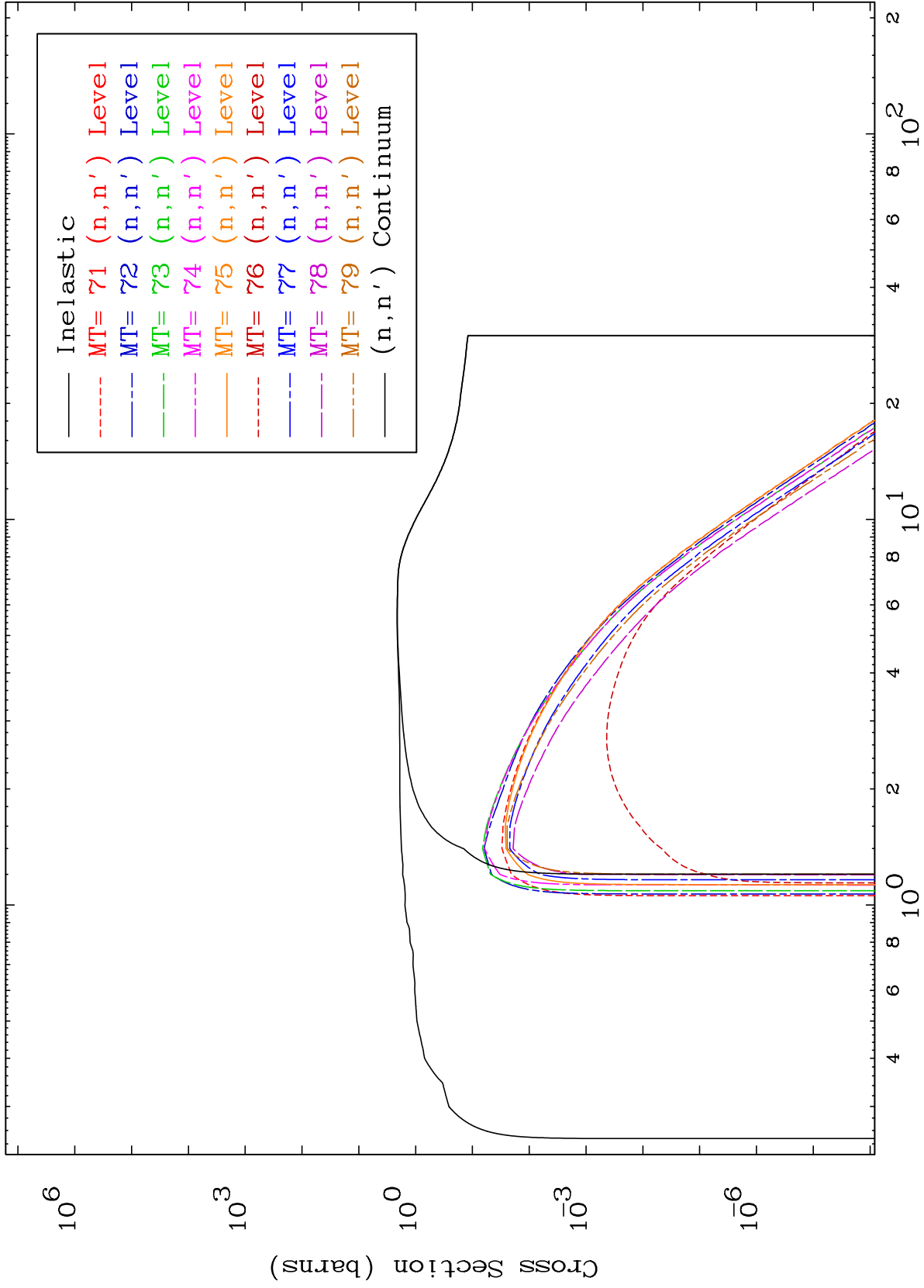


MAT 4840

(n,n') Levels

48-Cd-111

293 Kelvin Cross Sections



10

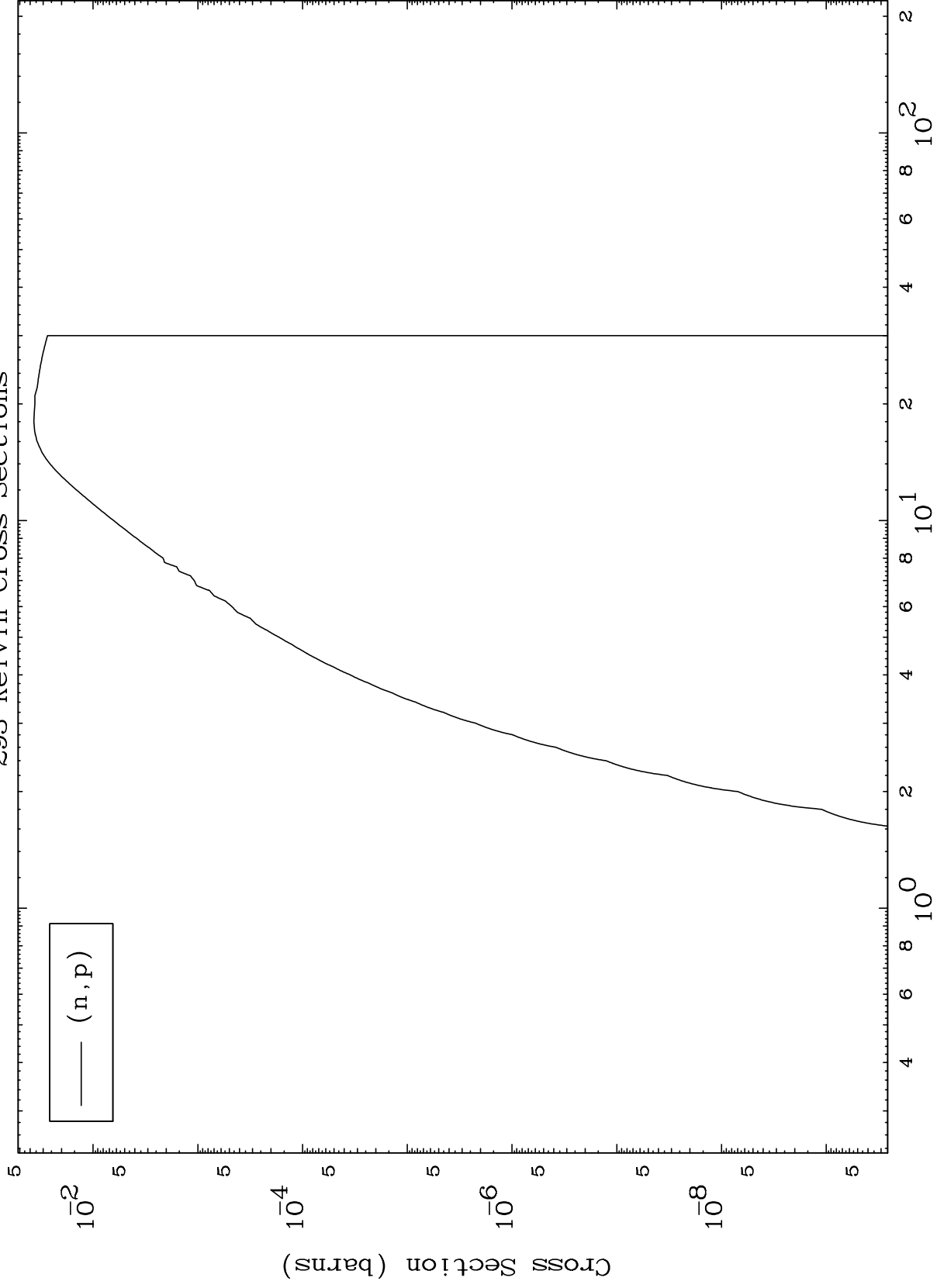
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-111



11

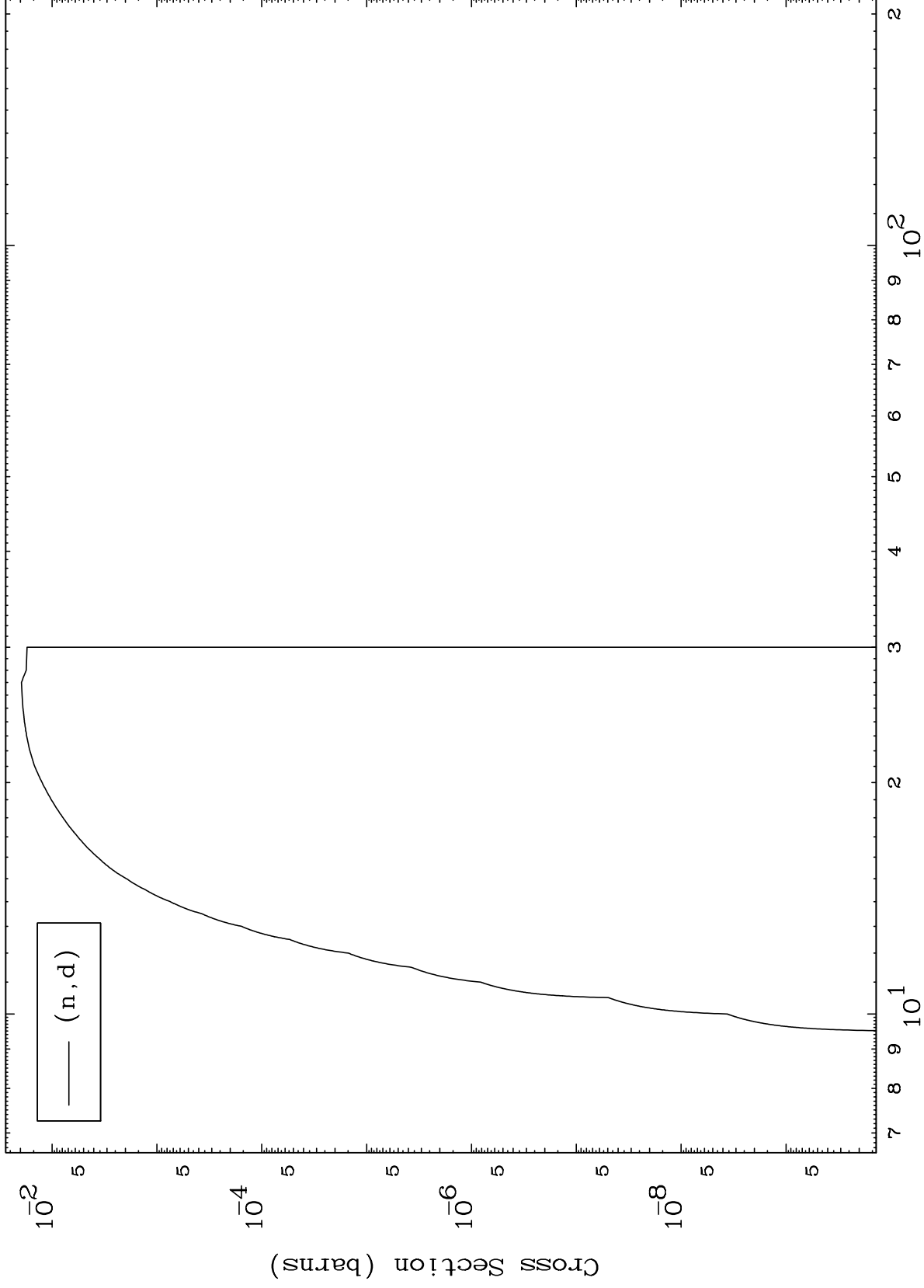
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,d) Levels  
293 Kelvin Cross Sections

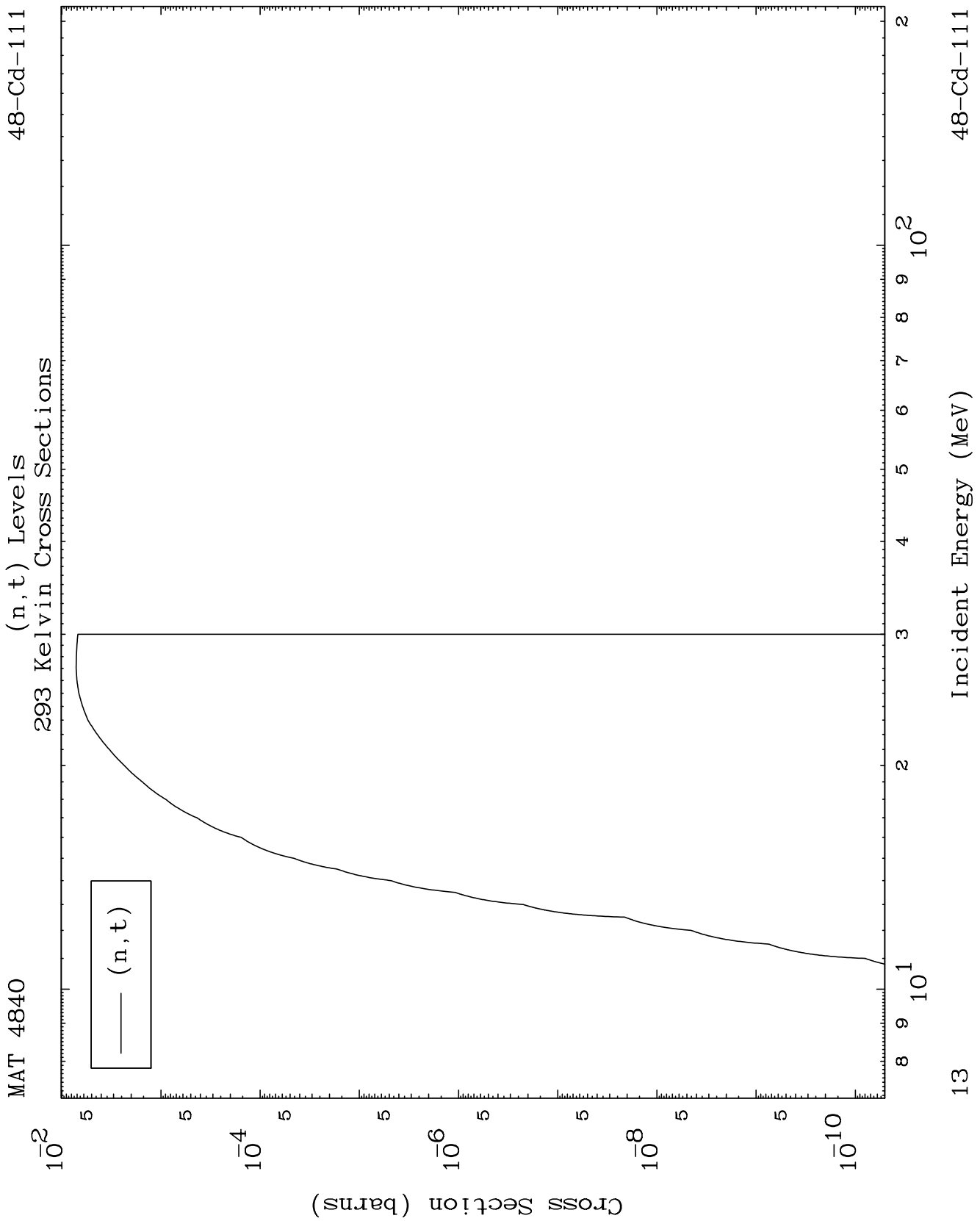
48-Cd-111



12

Incident Energy (MeV)

48-Cd-111

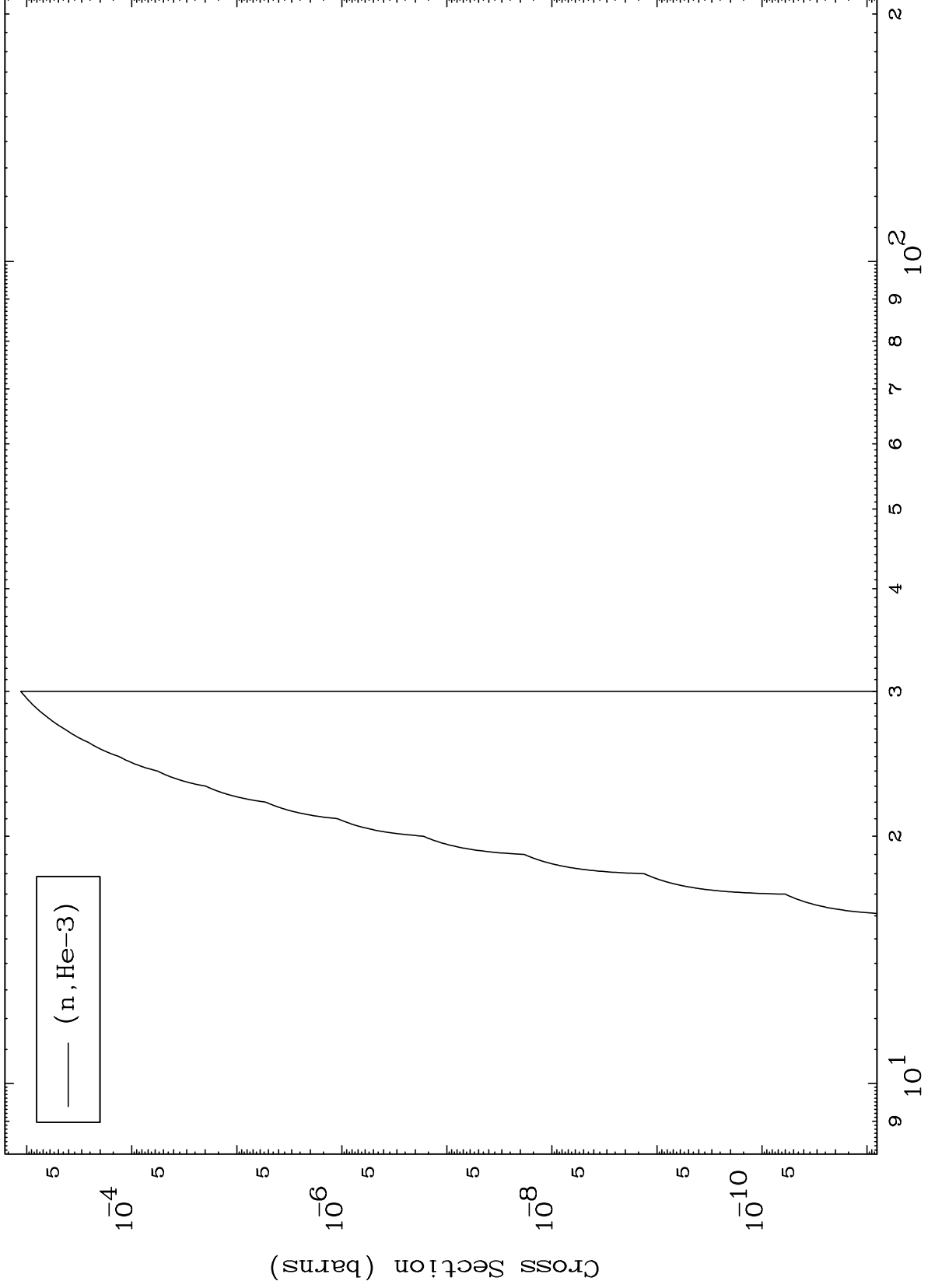


(n,t)

MAT 4840

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-111



14

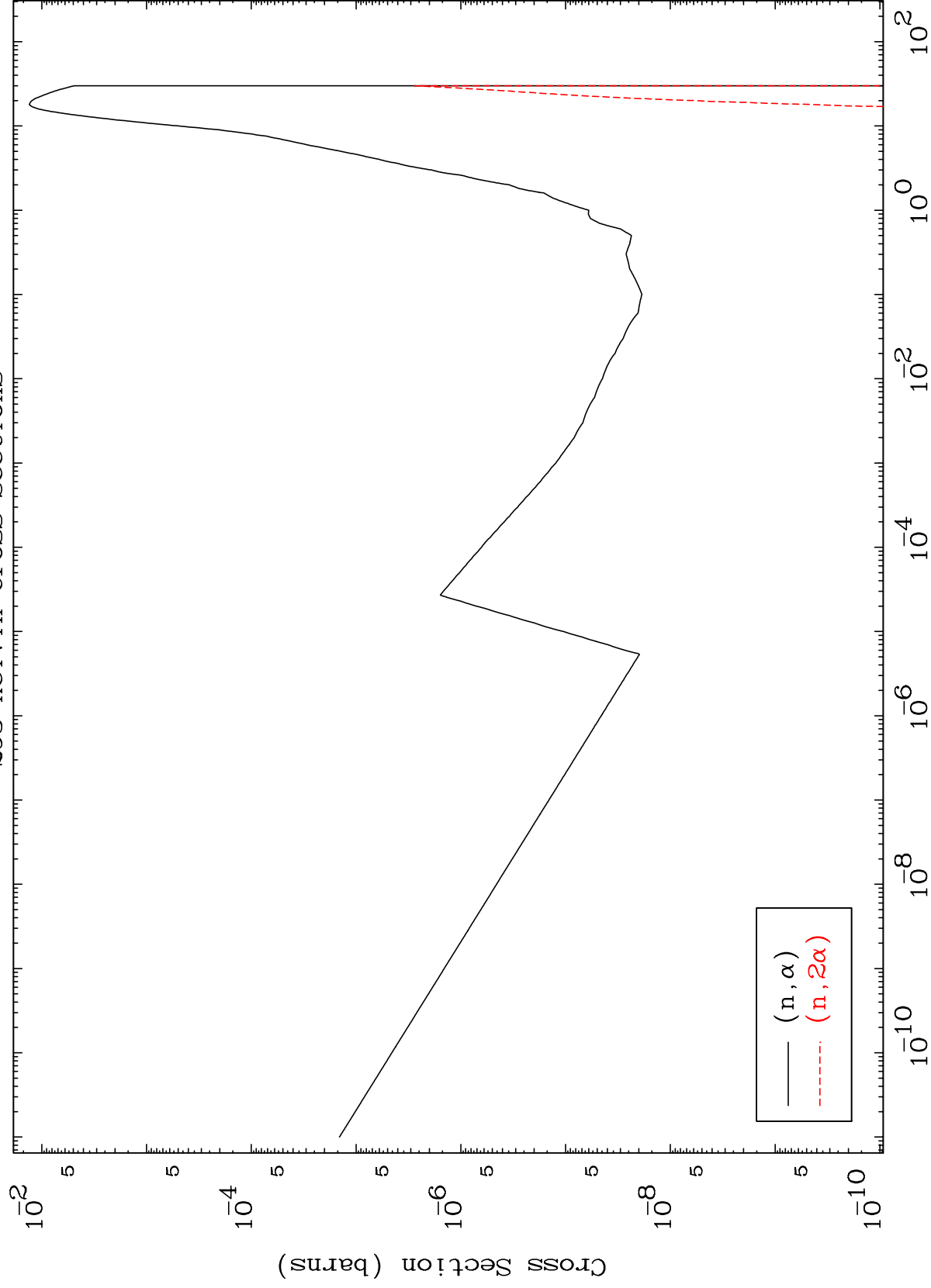
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

48-Cd-111



15

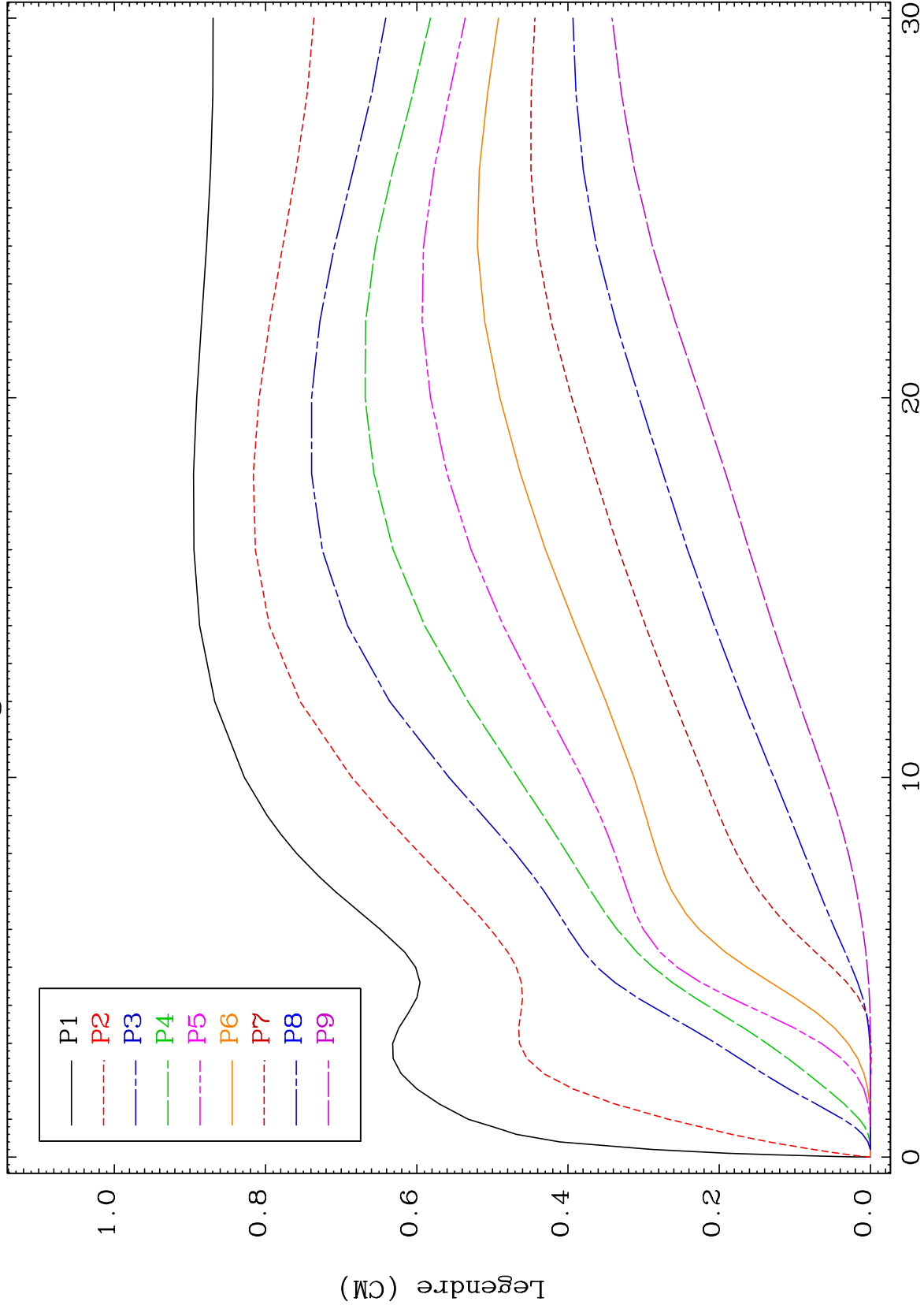
Incident Energy (MeV)

48-Cd-111

MAT 4840

Elastic Legendre Coefficients

48-Cd-111



0

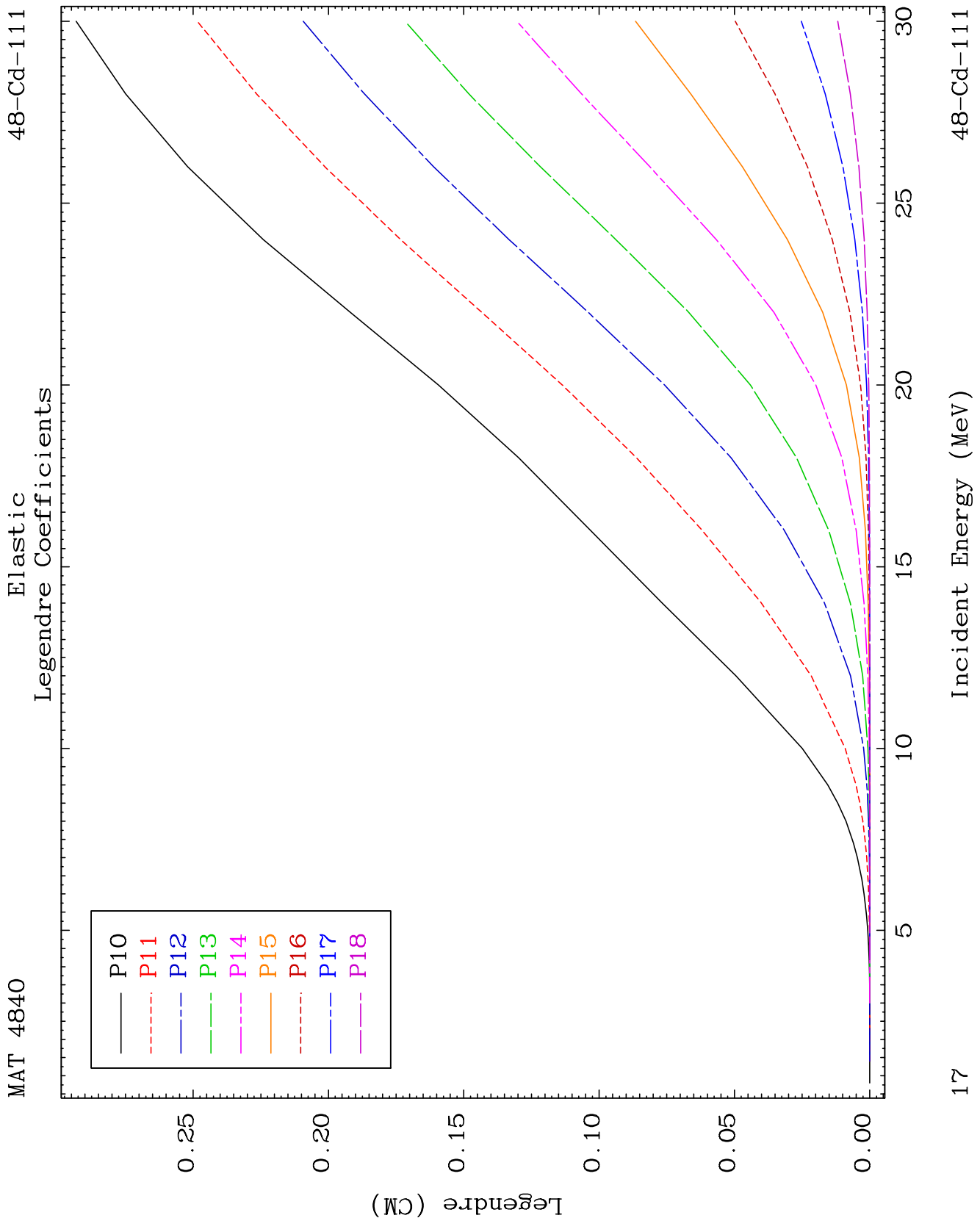
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20

30

Incident Energy (MeV)

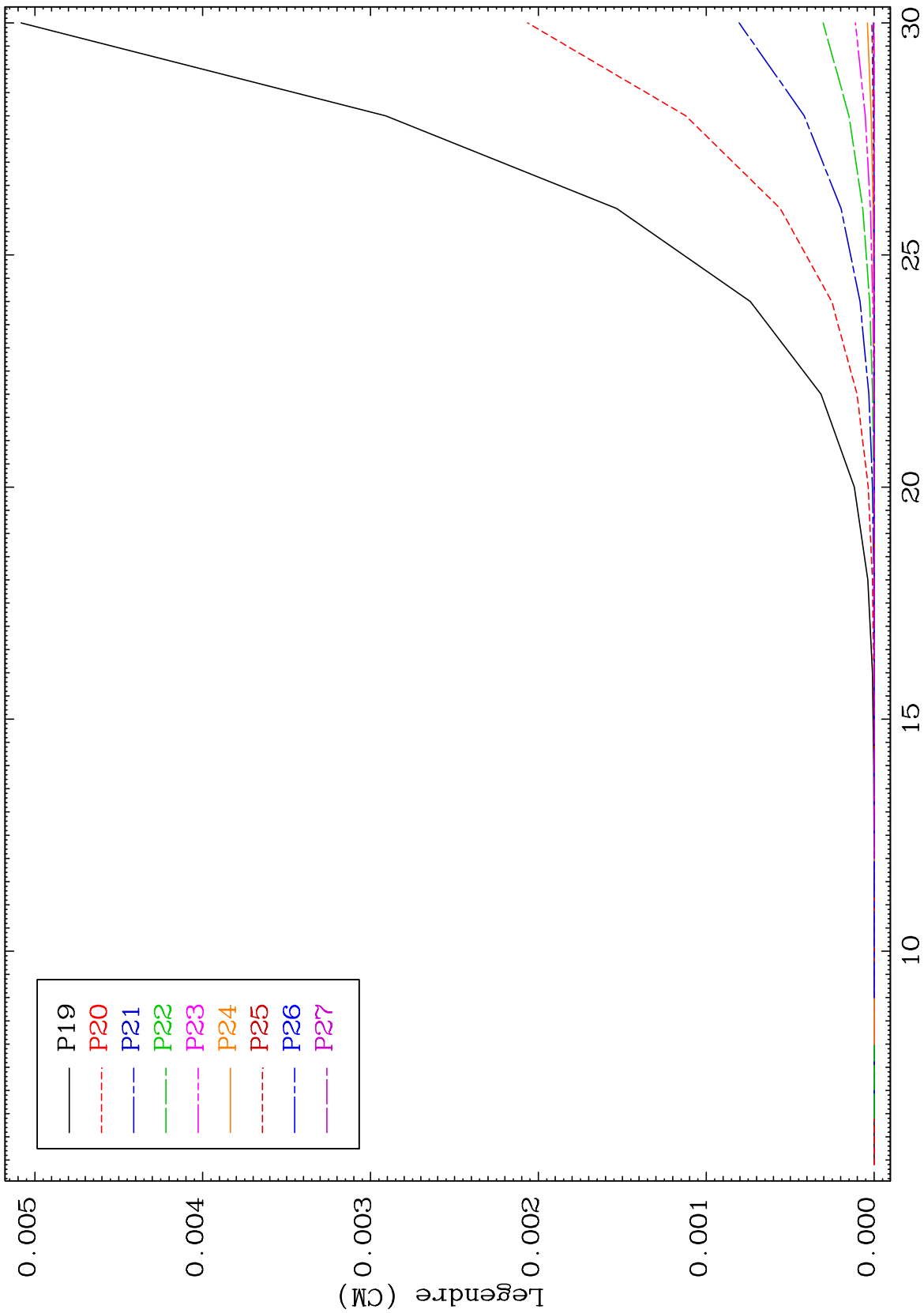
48-Cd-111



MAT 4840

### Elastic Legendre Coefficients

48-Cd-111



18

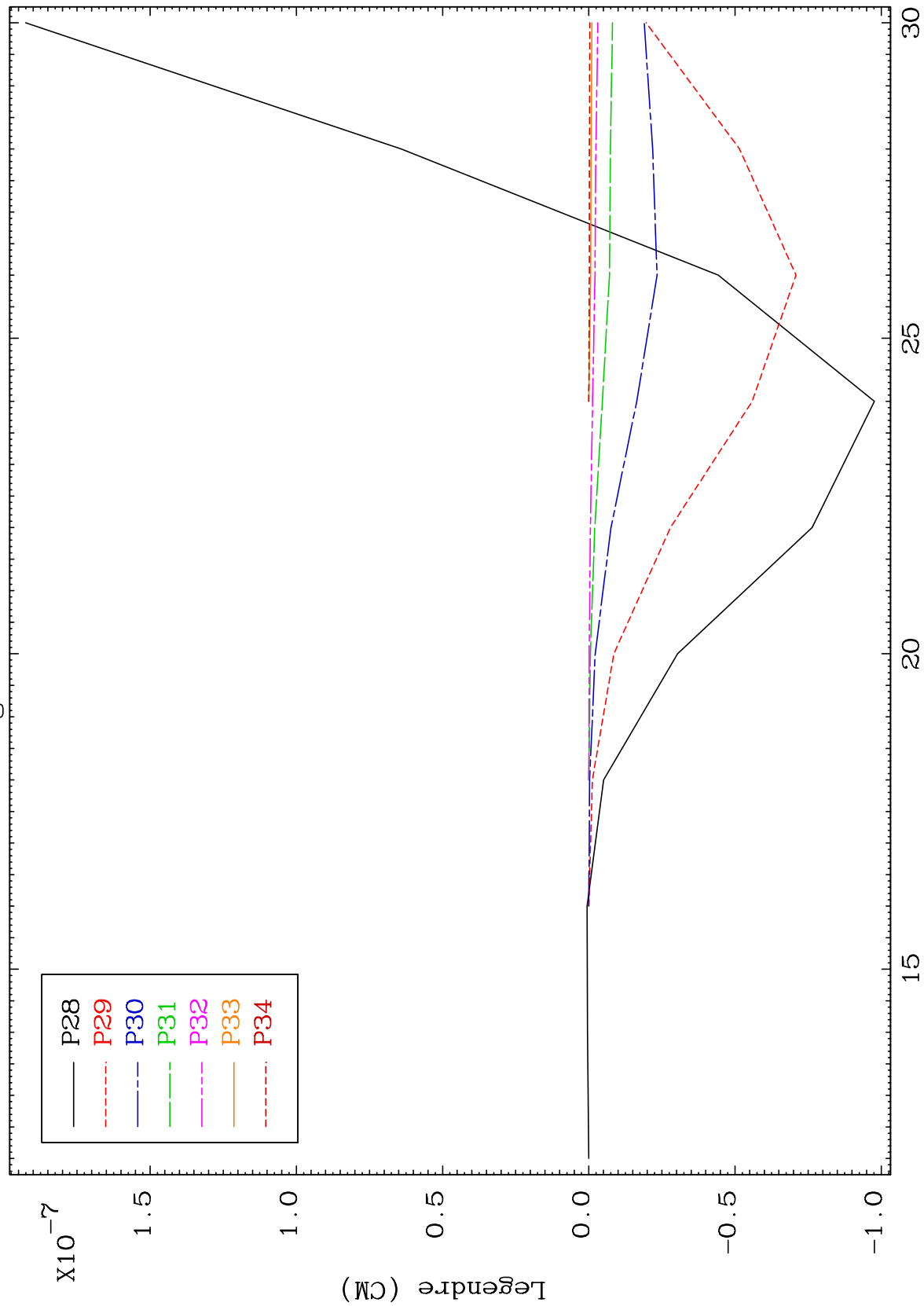
Incident Energy (MeV)

48-Cd-111

MAT 4840

Elastic Legendre Coefficients

48-Cd-111

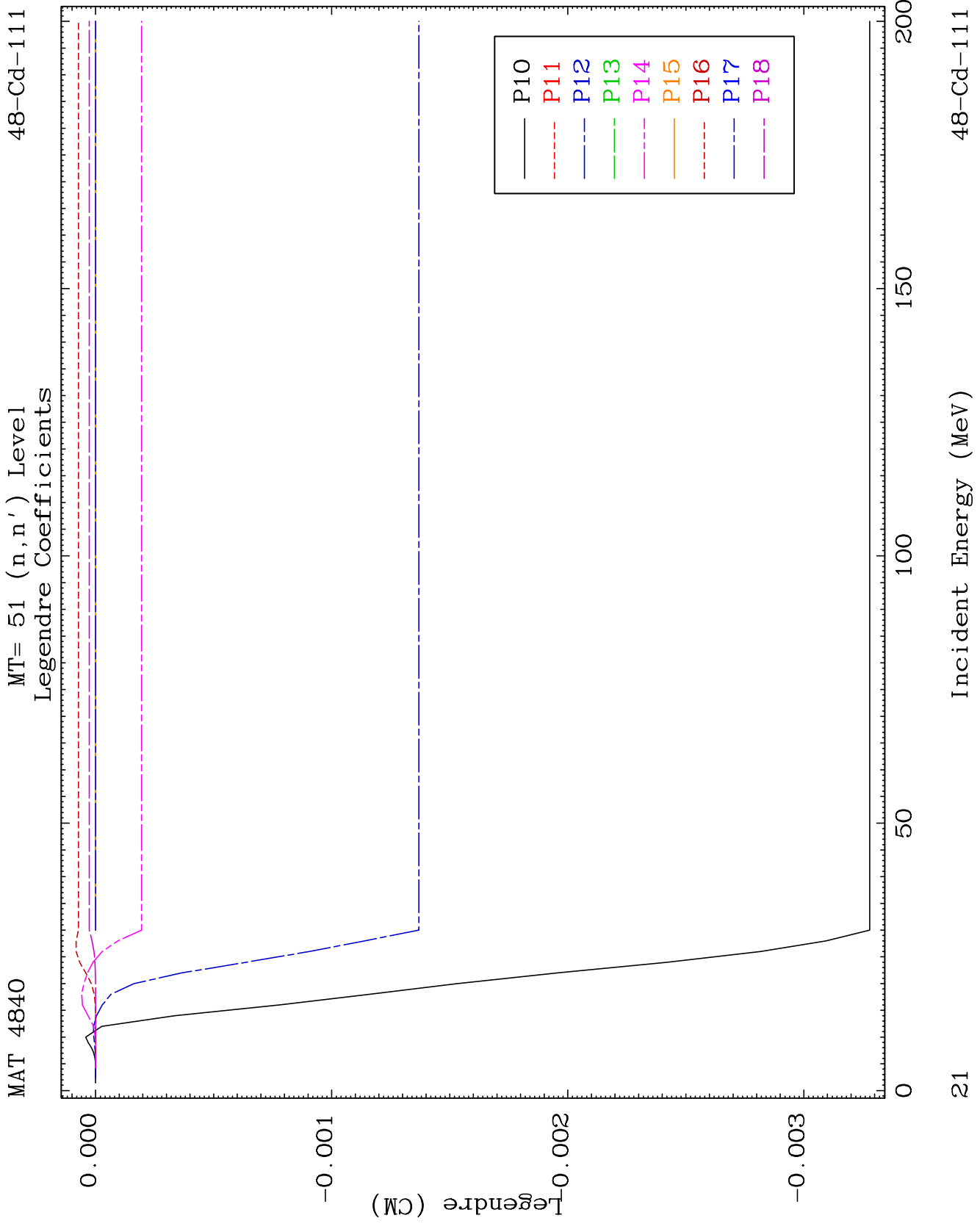


19

Incident Energy (MeV)

48-Cd-111



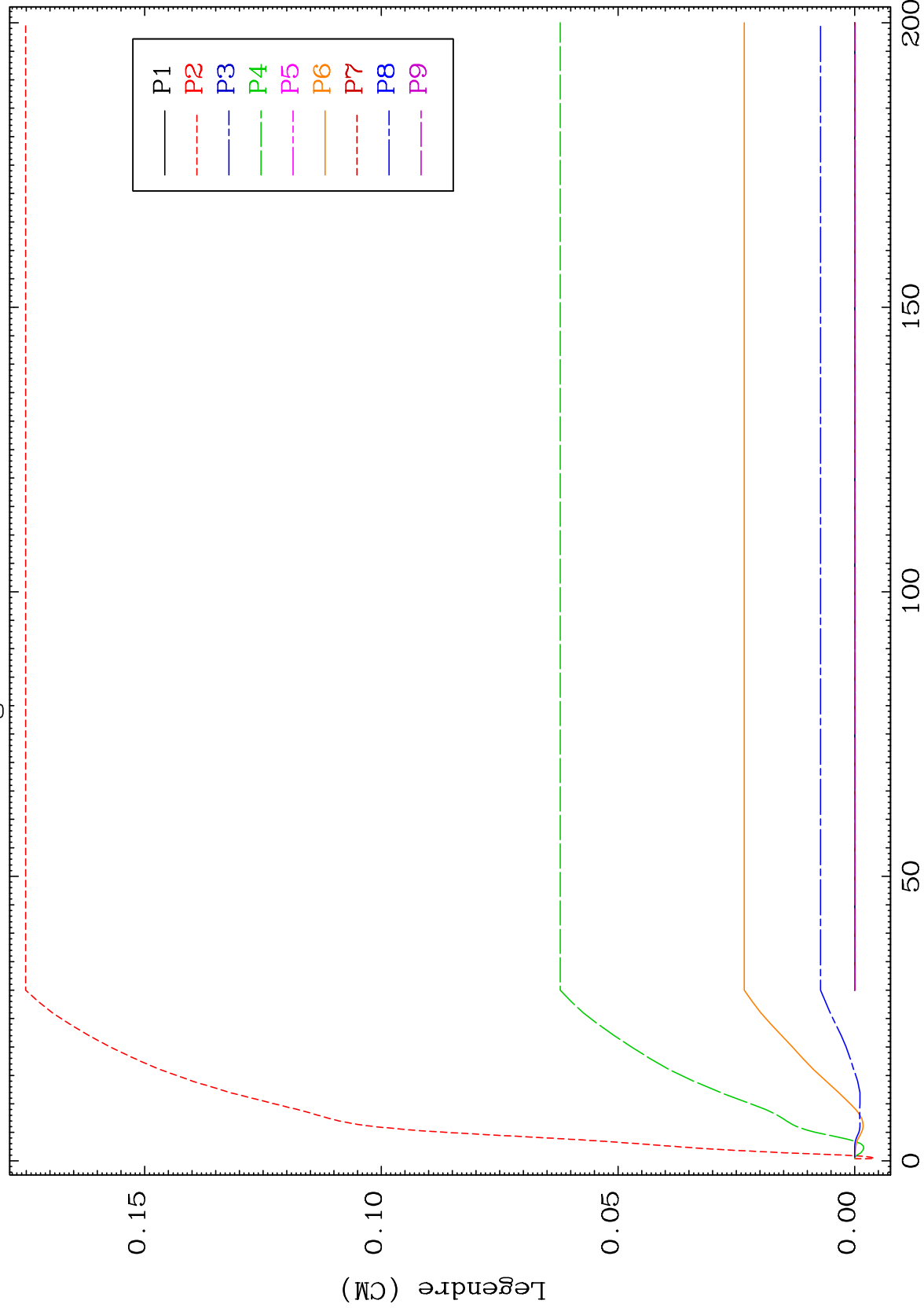




MAT 4840

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

48-Cd-111



23

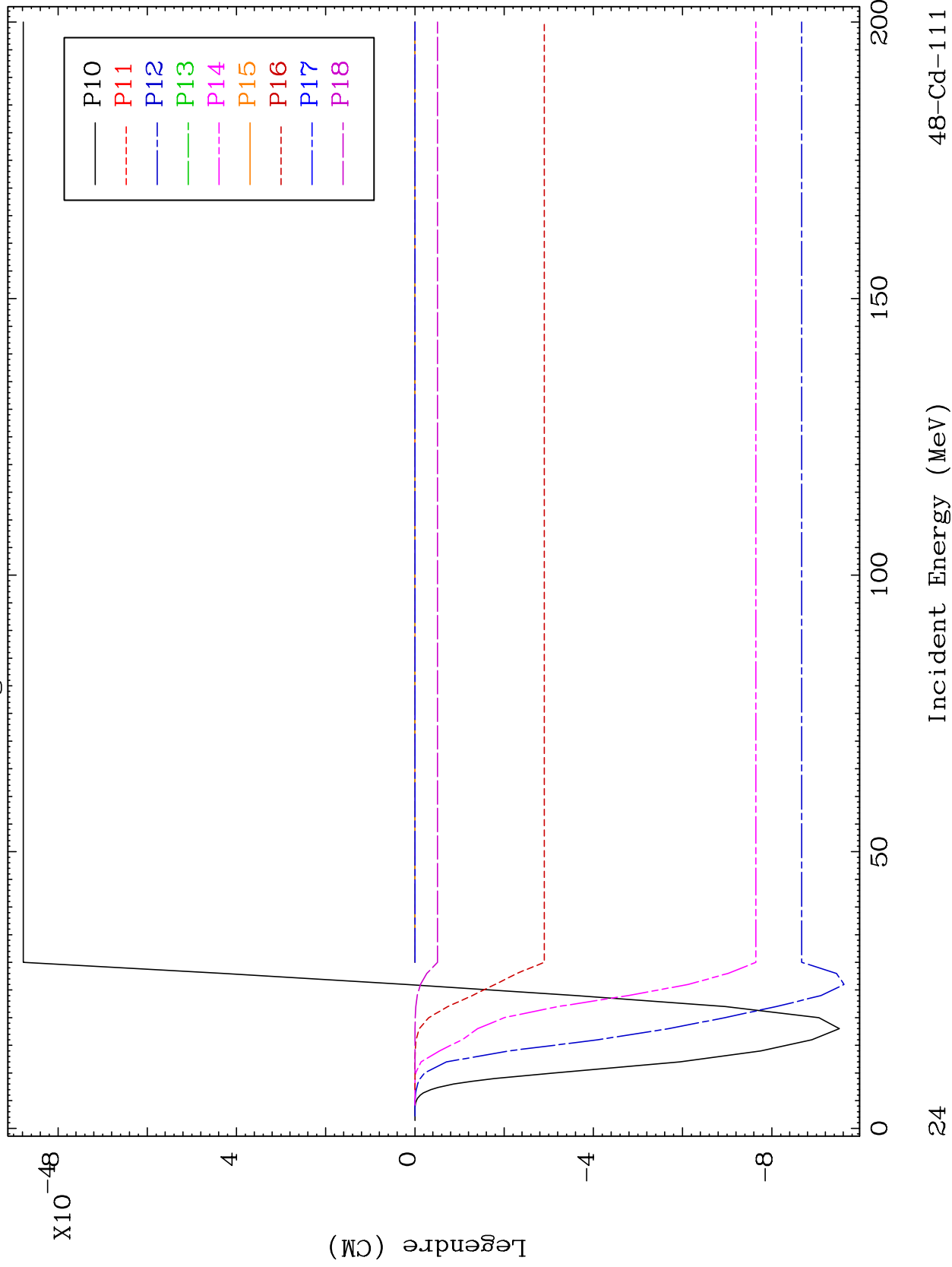
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

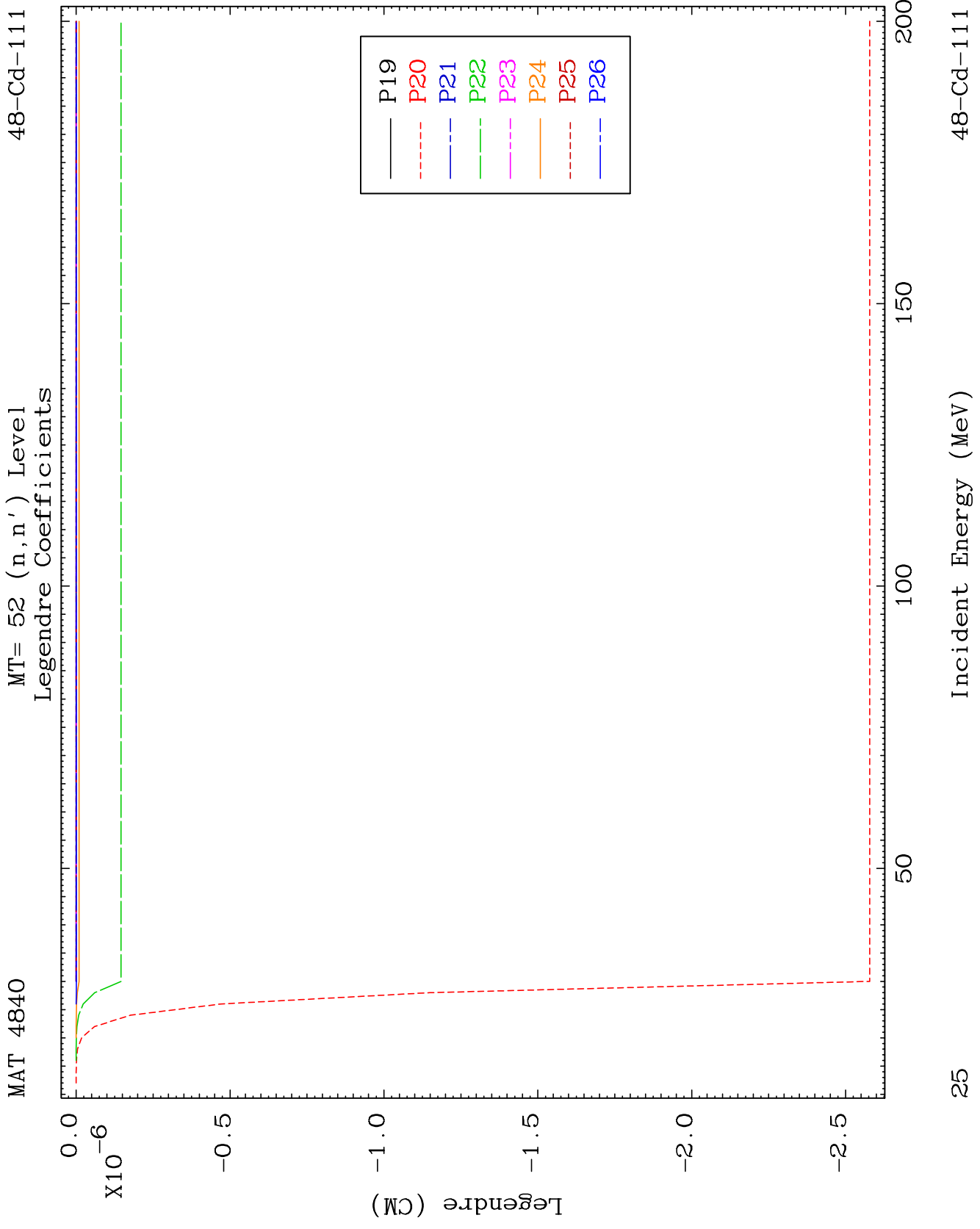
48-Cd-111



48-Cd-111

Incident Energy (MeV)

24

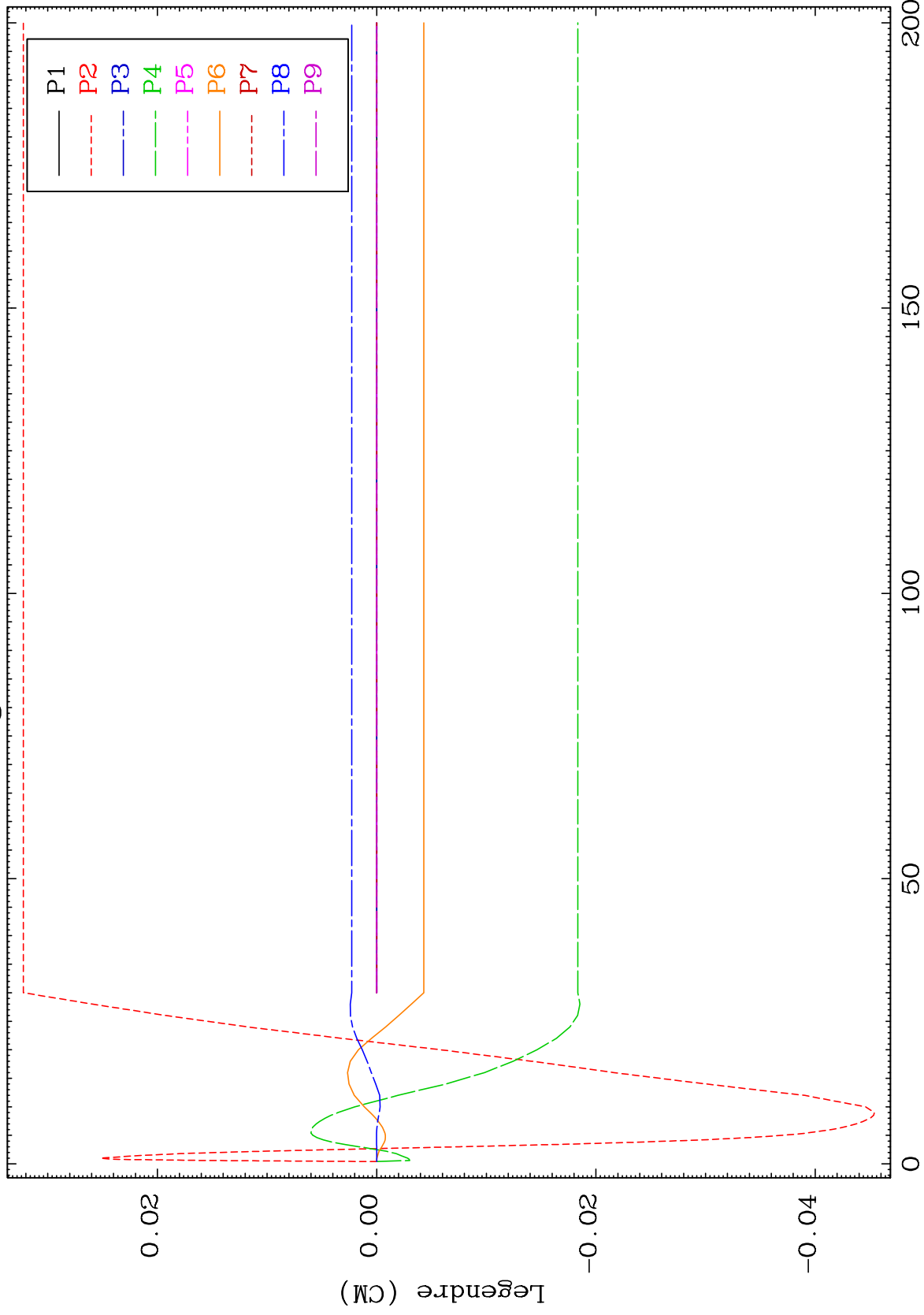


MAT 4840

MT= 53 (n,n') Level

48-Cd-111

Legendre Coefficients



26

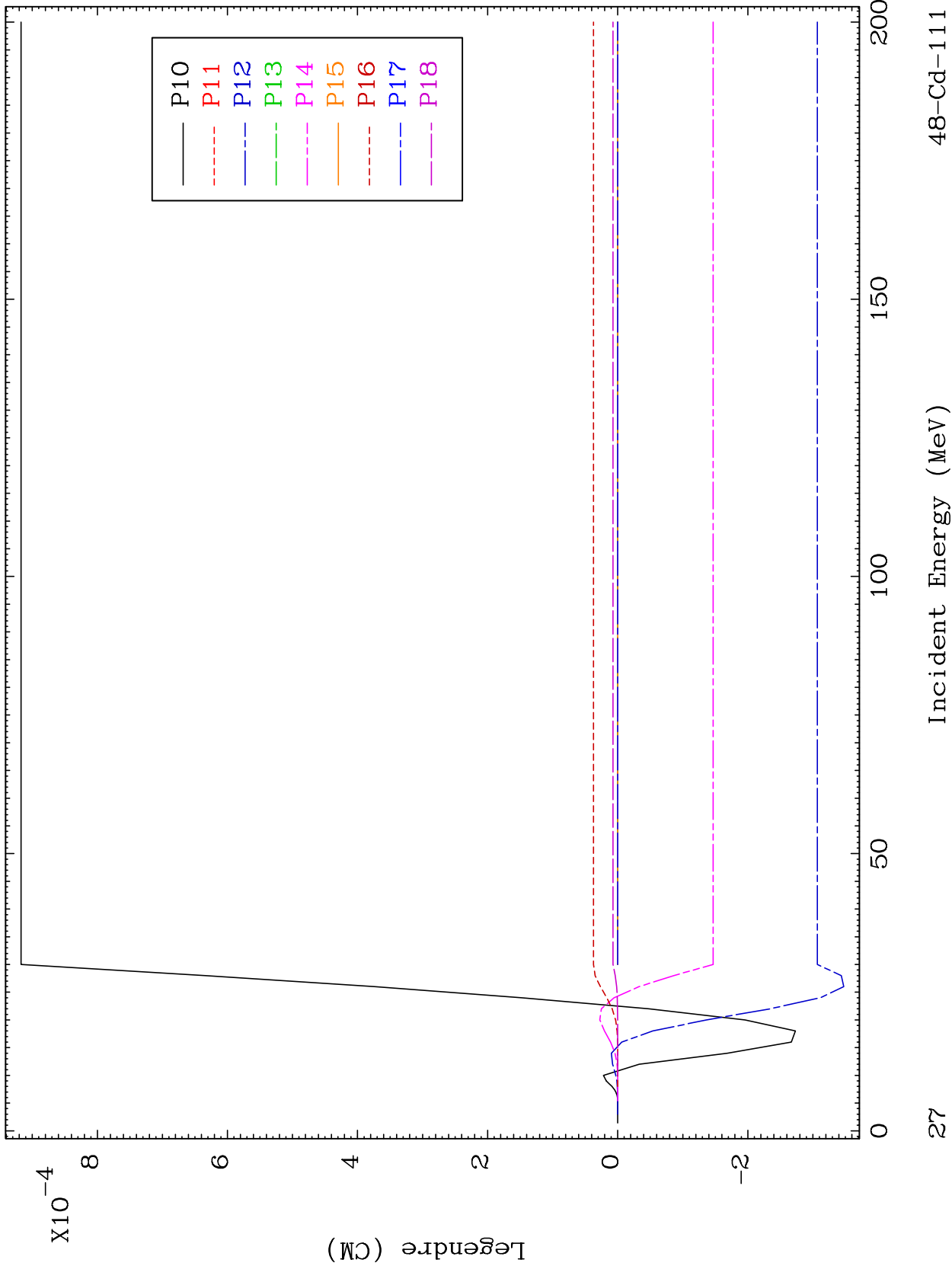
Incident Energy (MeV)

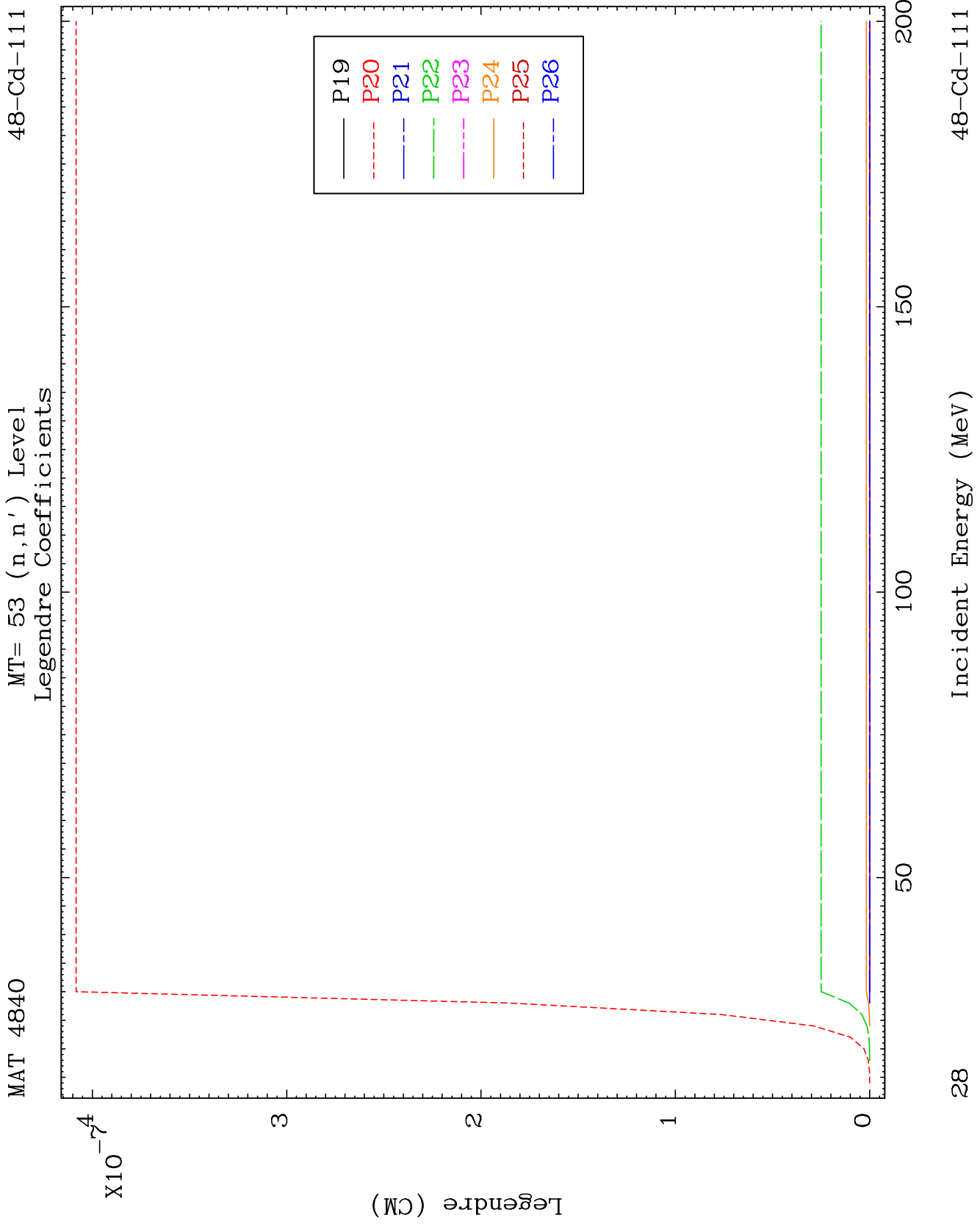
48-Cd-111

MAT 4840

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

48-Cd-111

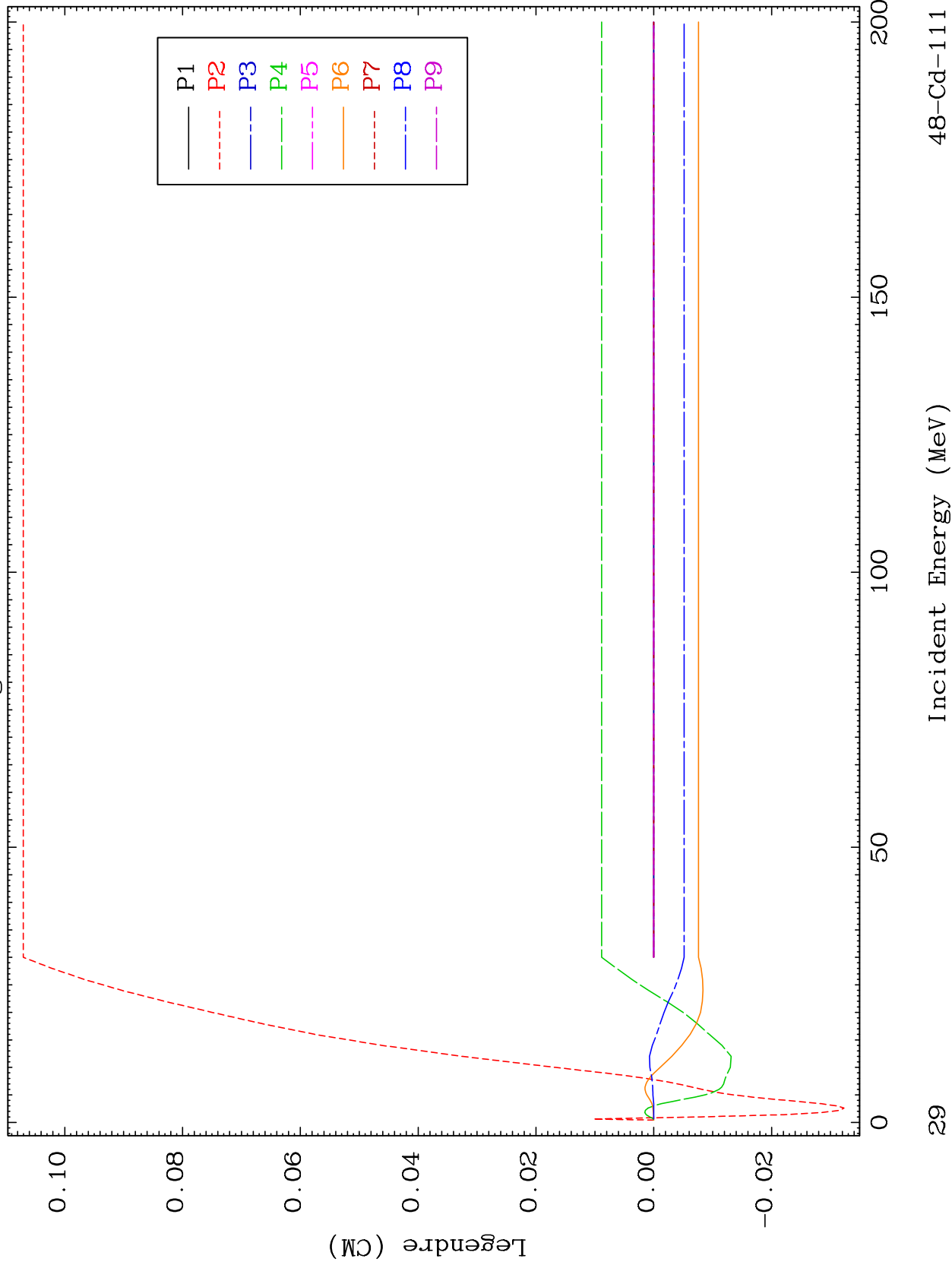




MAT 4840

MT= 54 (n,n') Level  
Legendre Coefficients

48-Cd-111



29

Incident Energy (MeV)

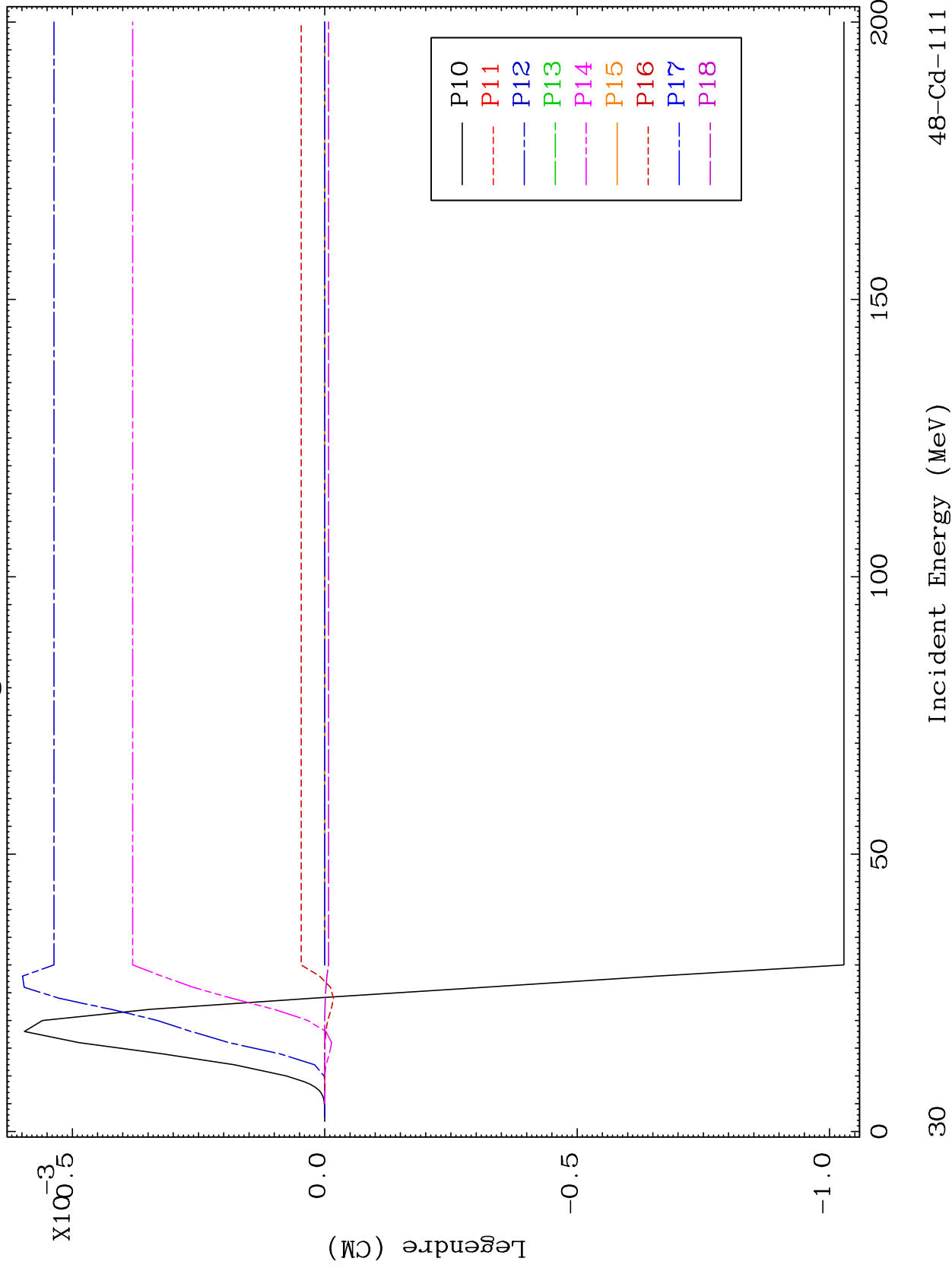
48-Cd-111

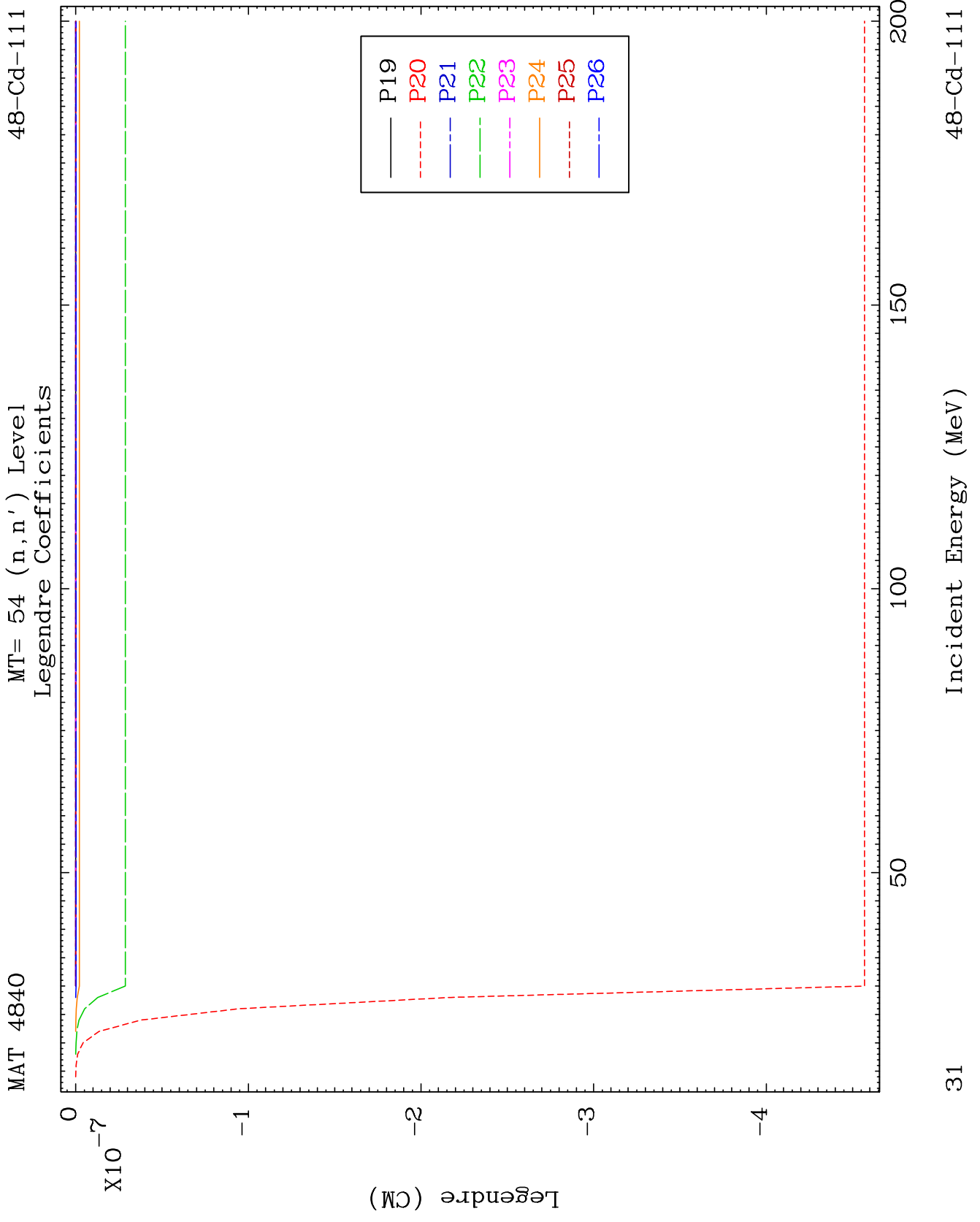
MAT 4840

MT= 54 (n,n') Level

48-Cd-111

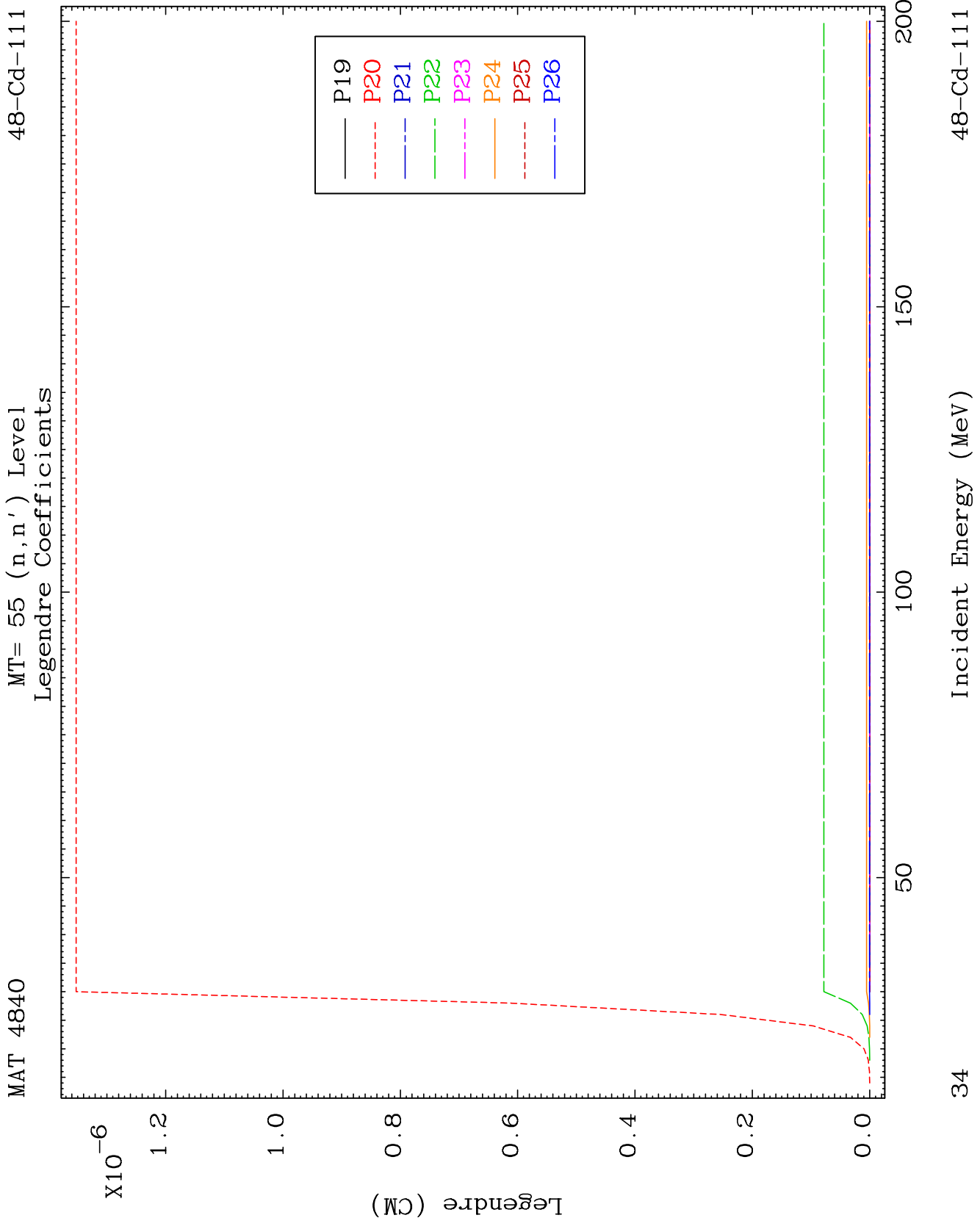
Legendre Coefficients







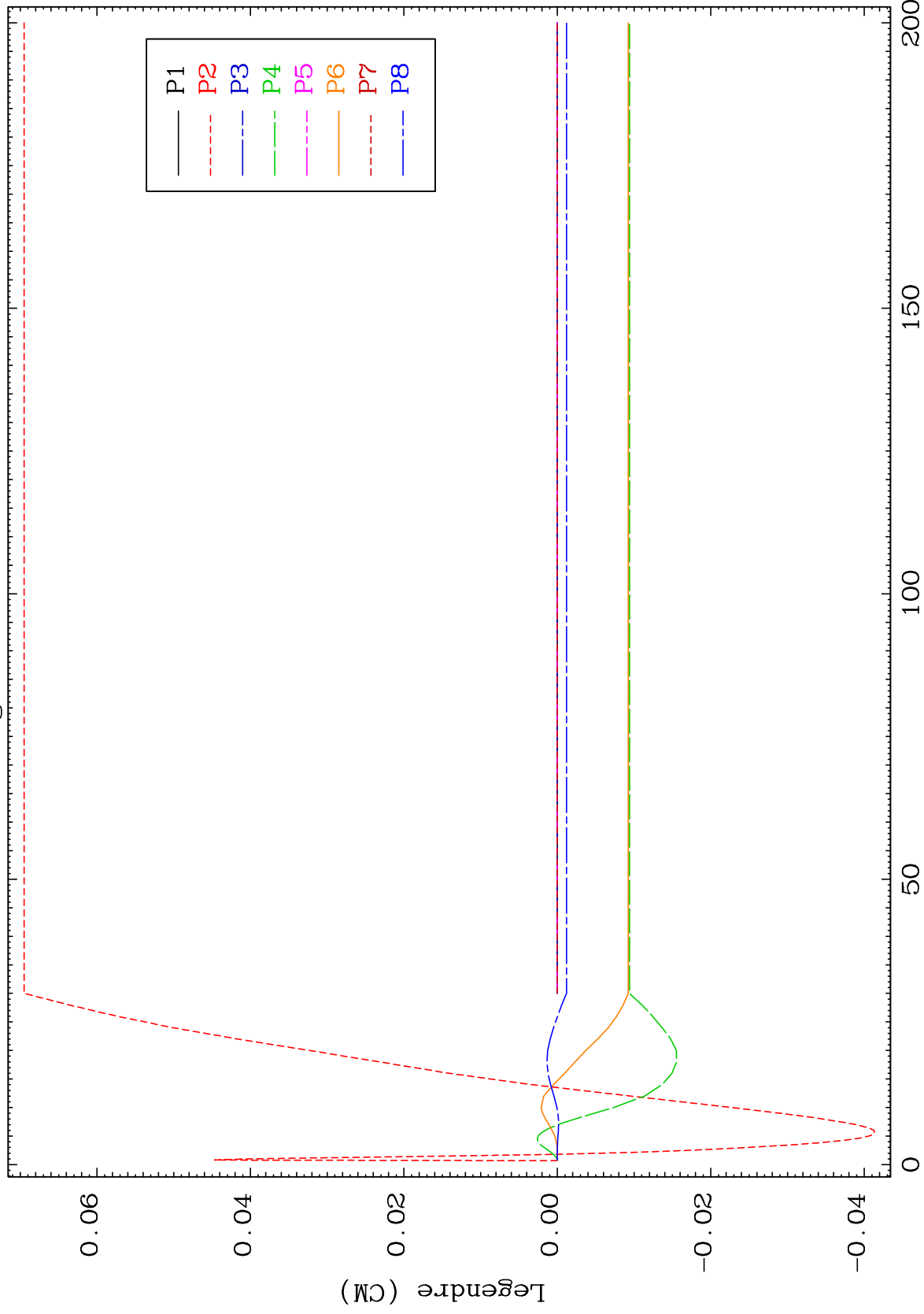




MAT 4840

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

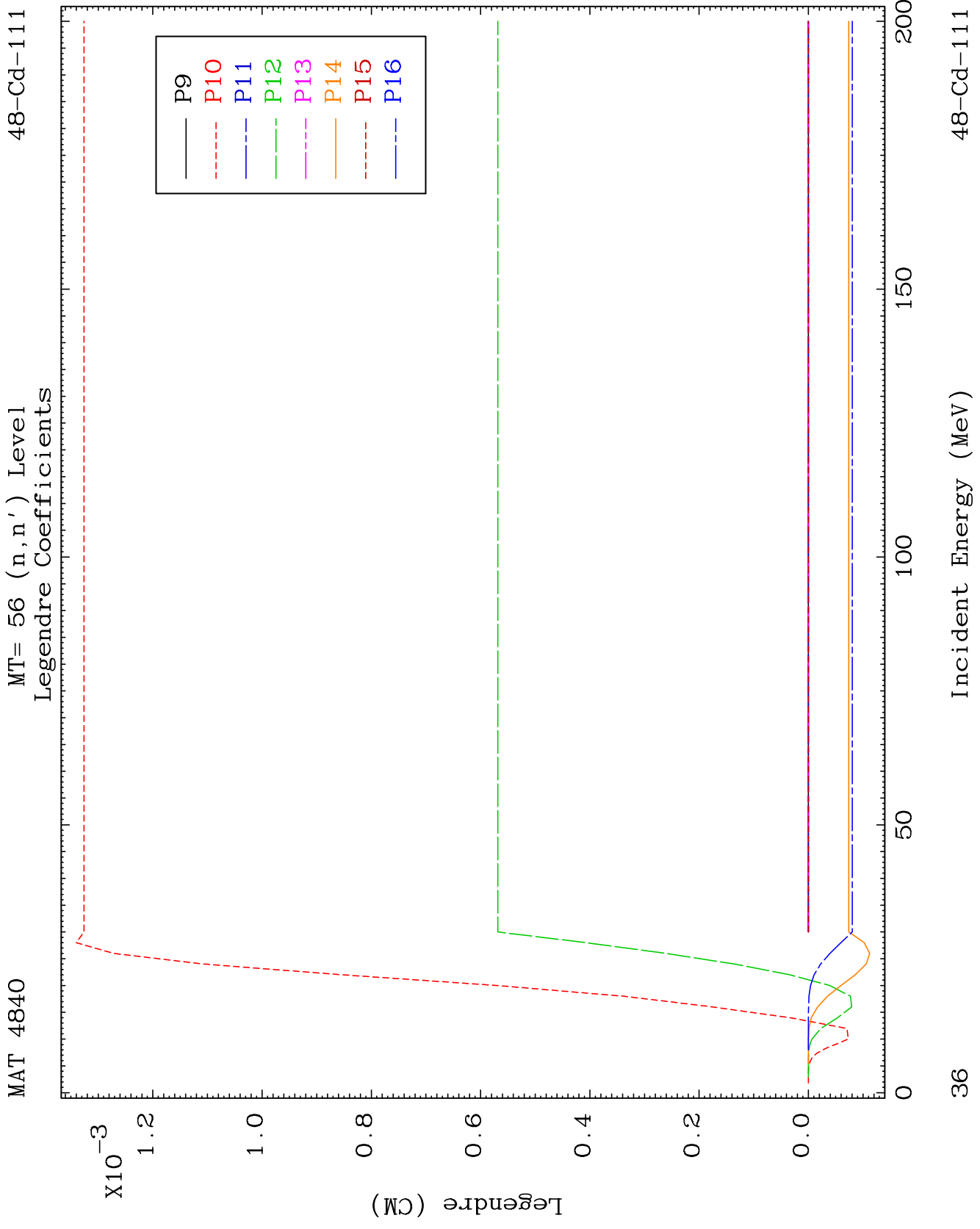
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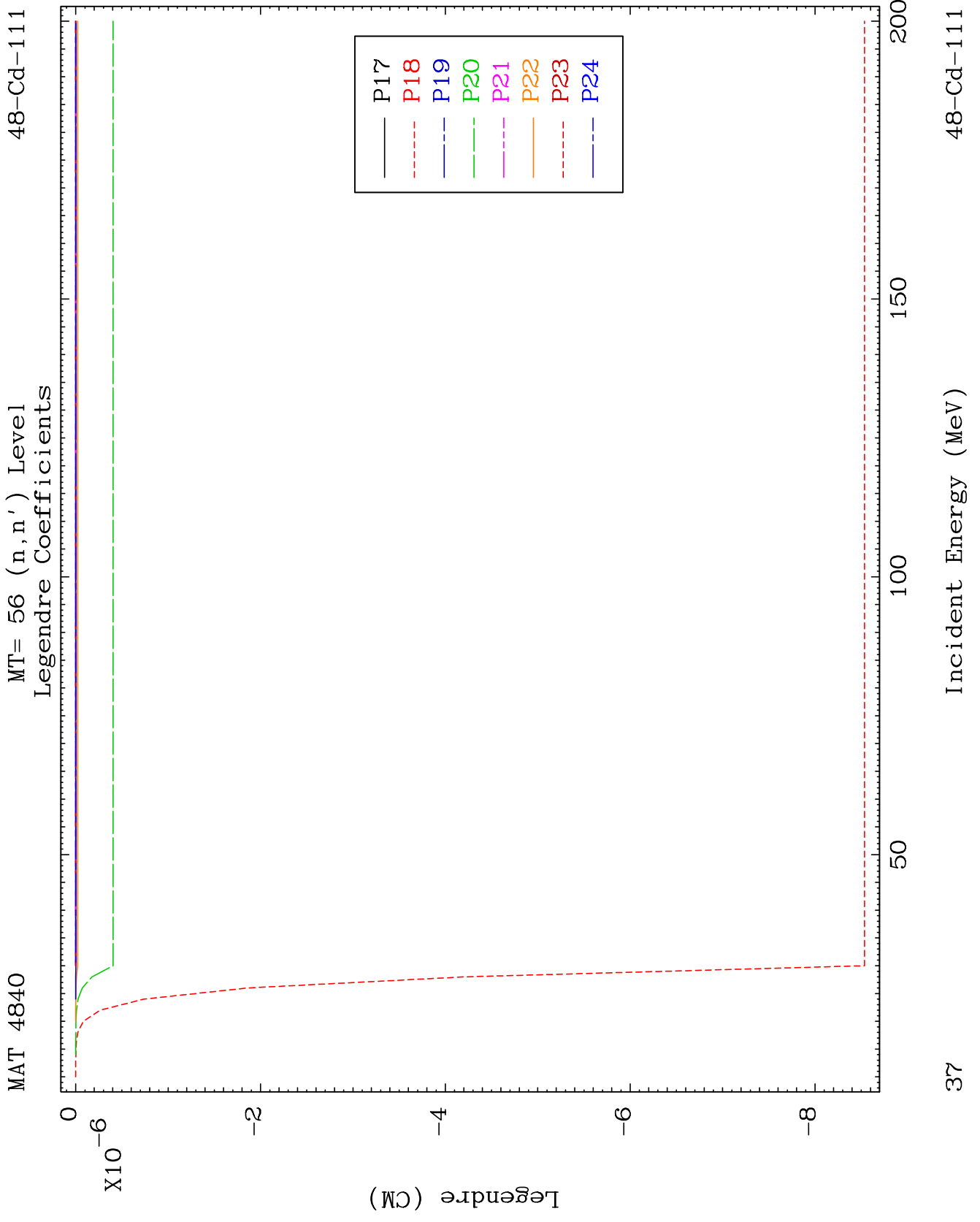


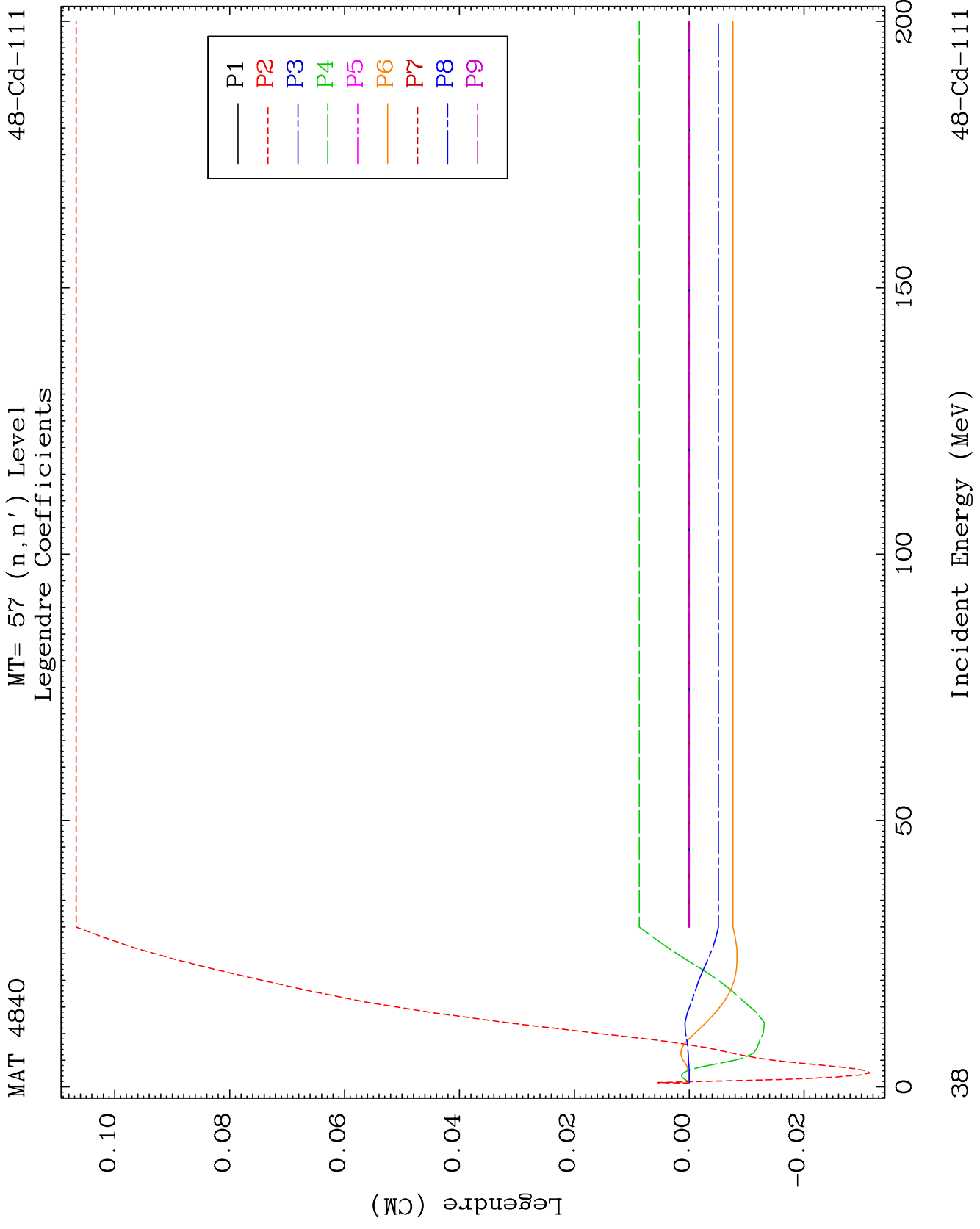
48-Cd-111

Incident Energy (MeV)

35



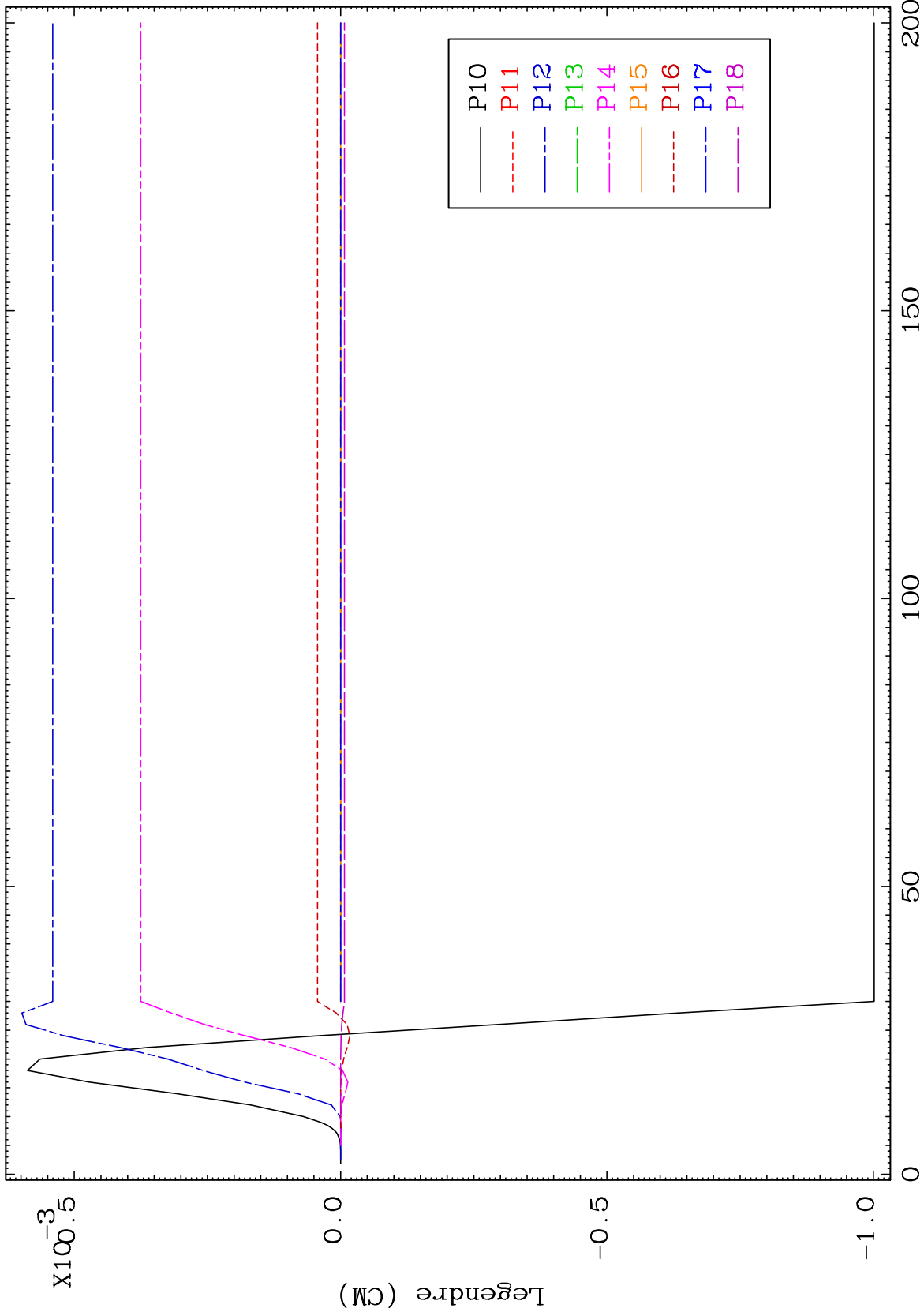




MAT 4840

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

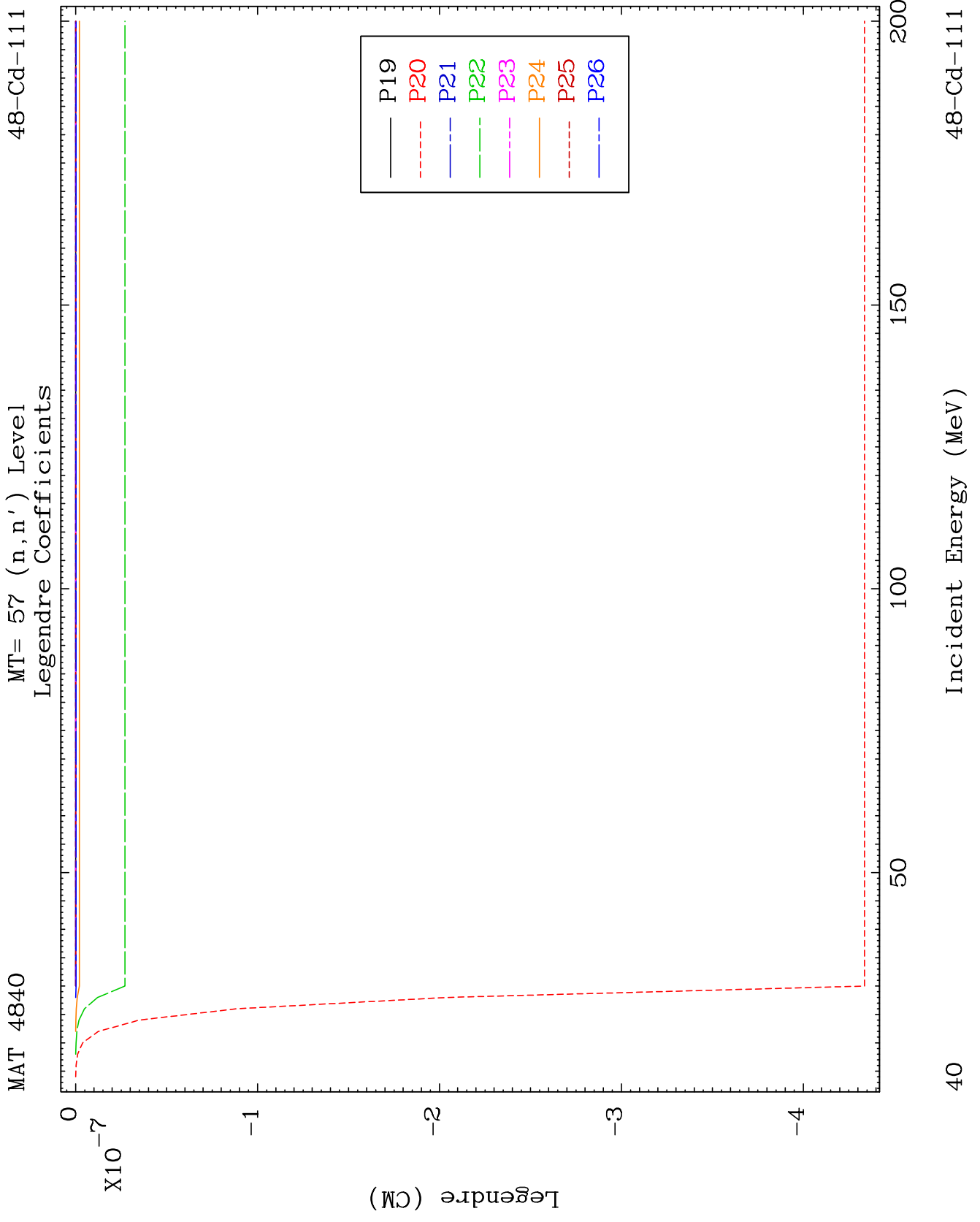
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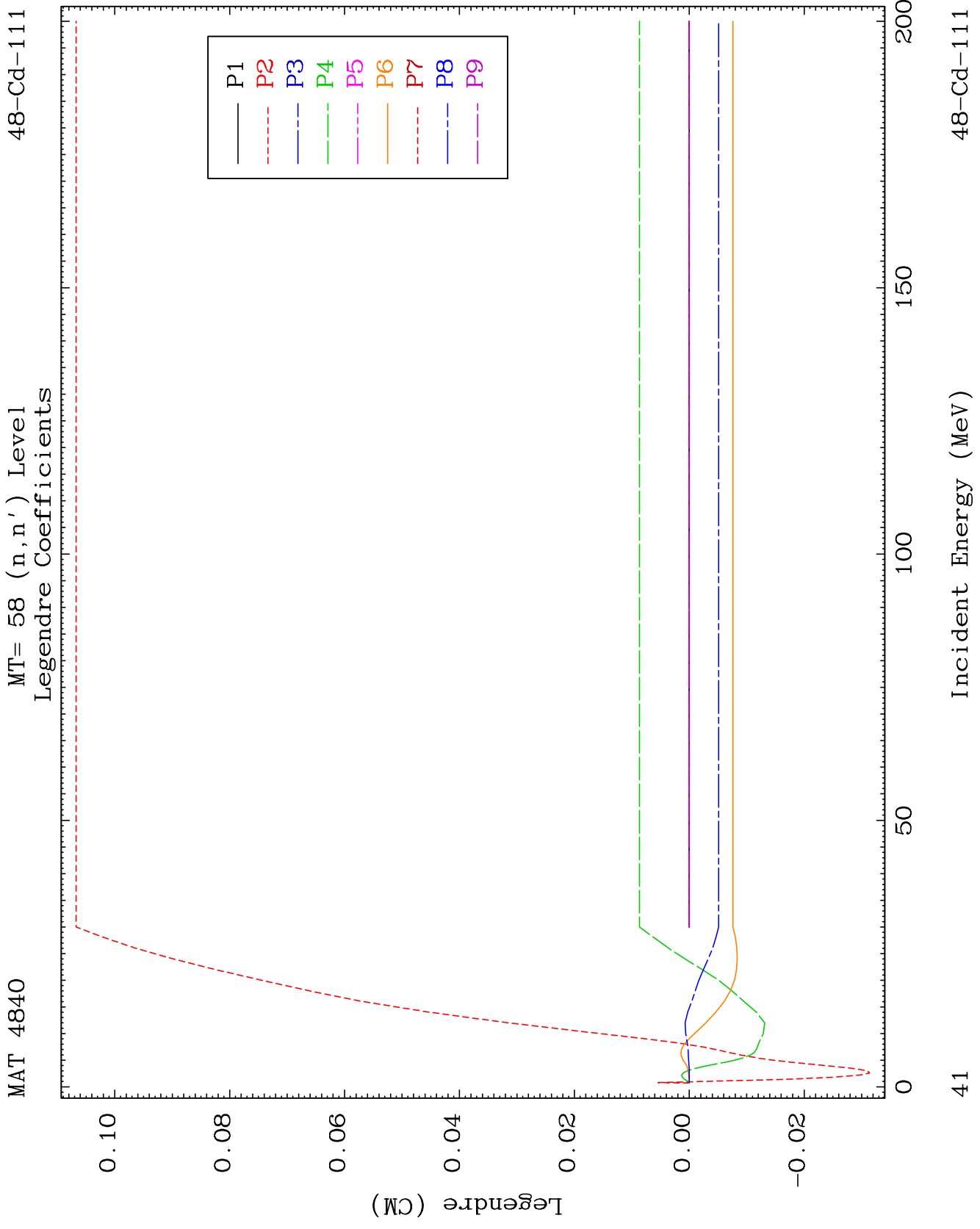


39

Incident Energy (MeV)

48-Cd-111

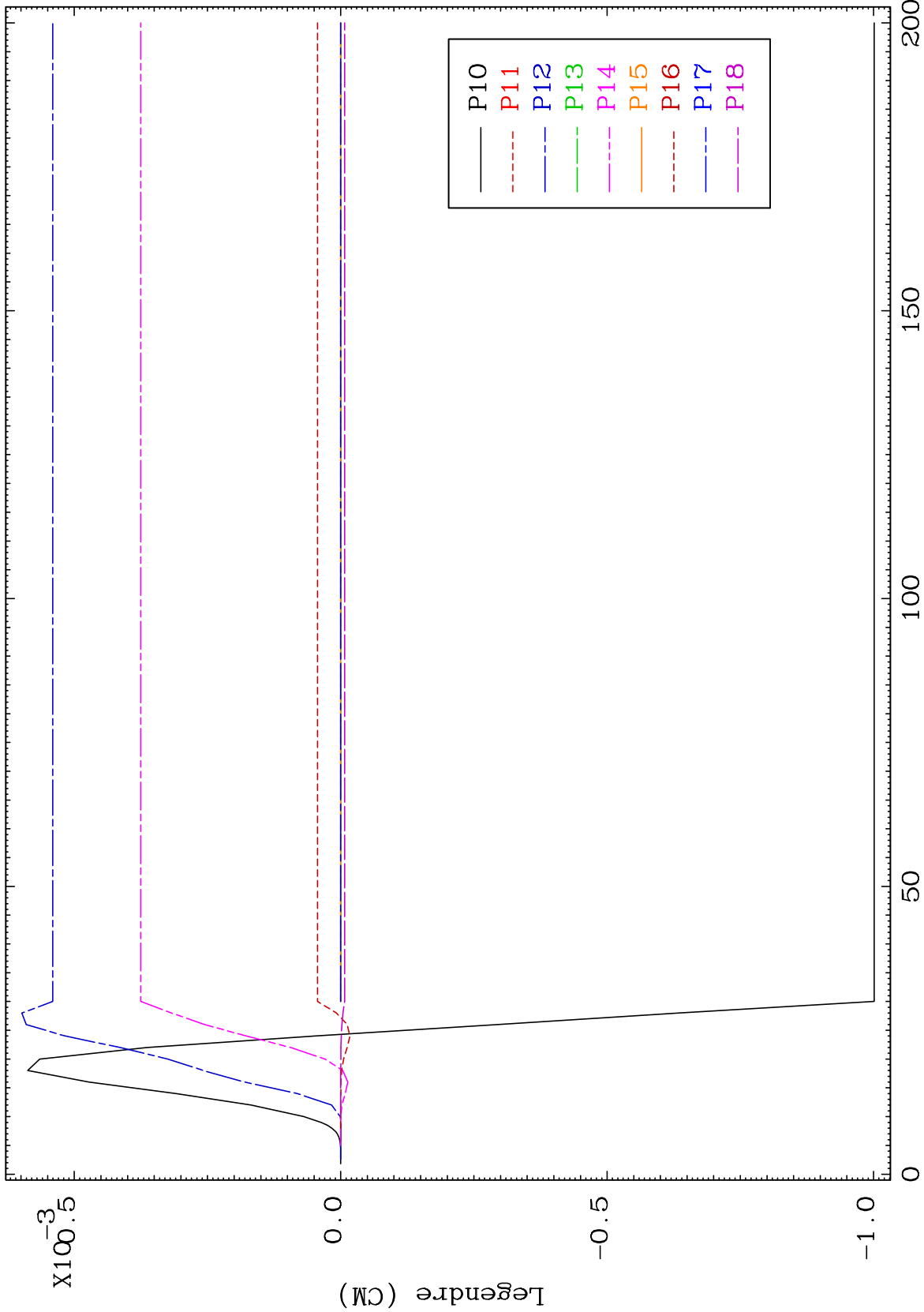




MAT 4840

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

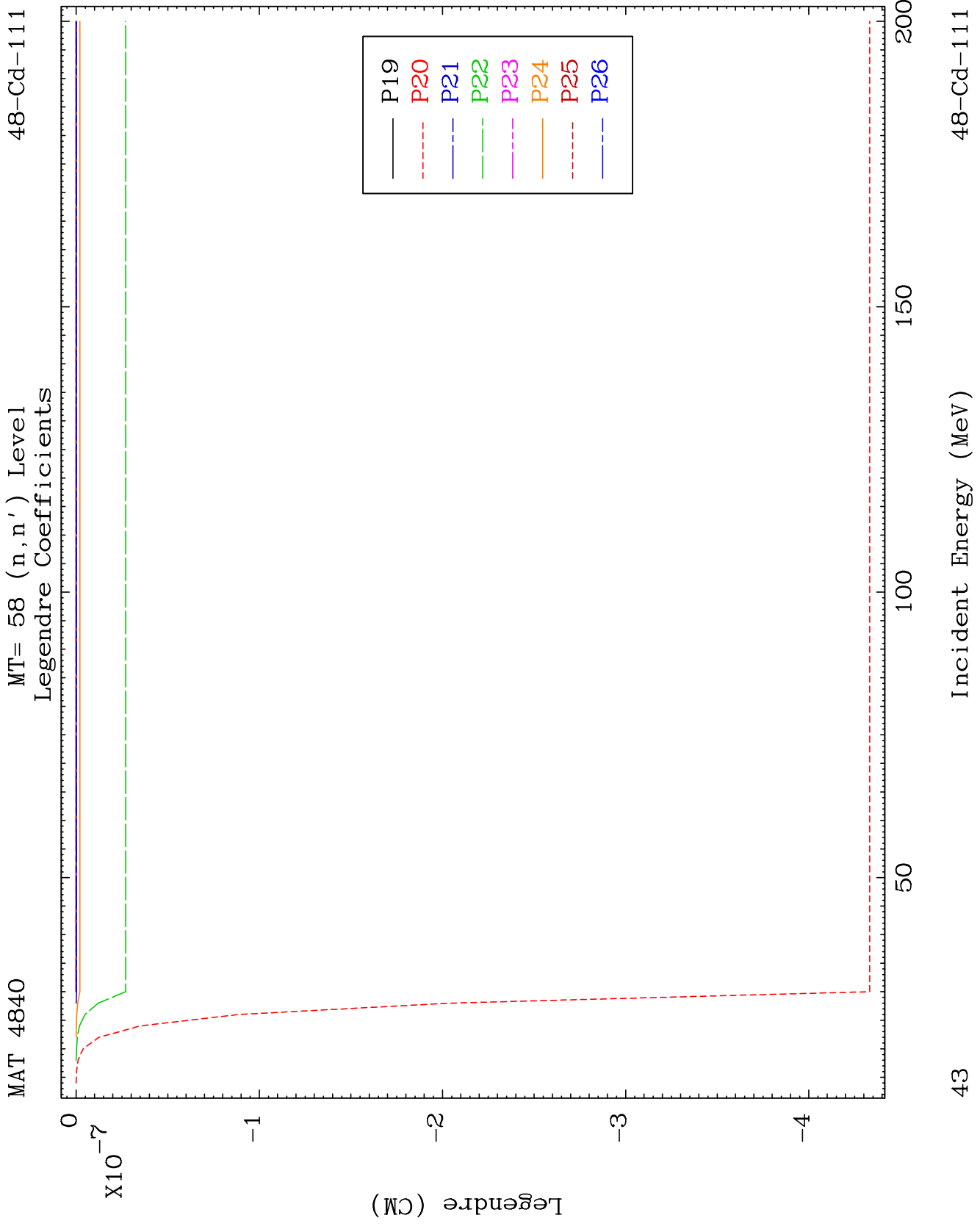
48-Cd-111



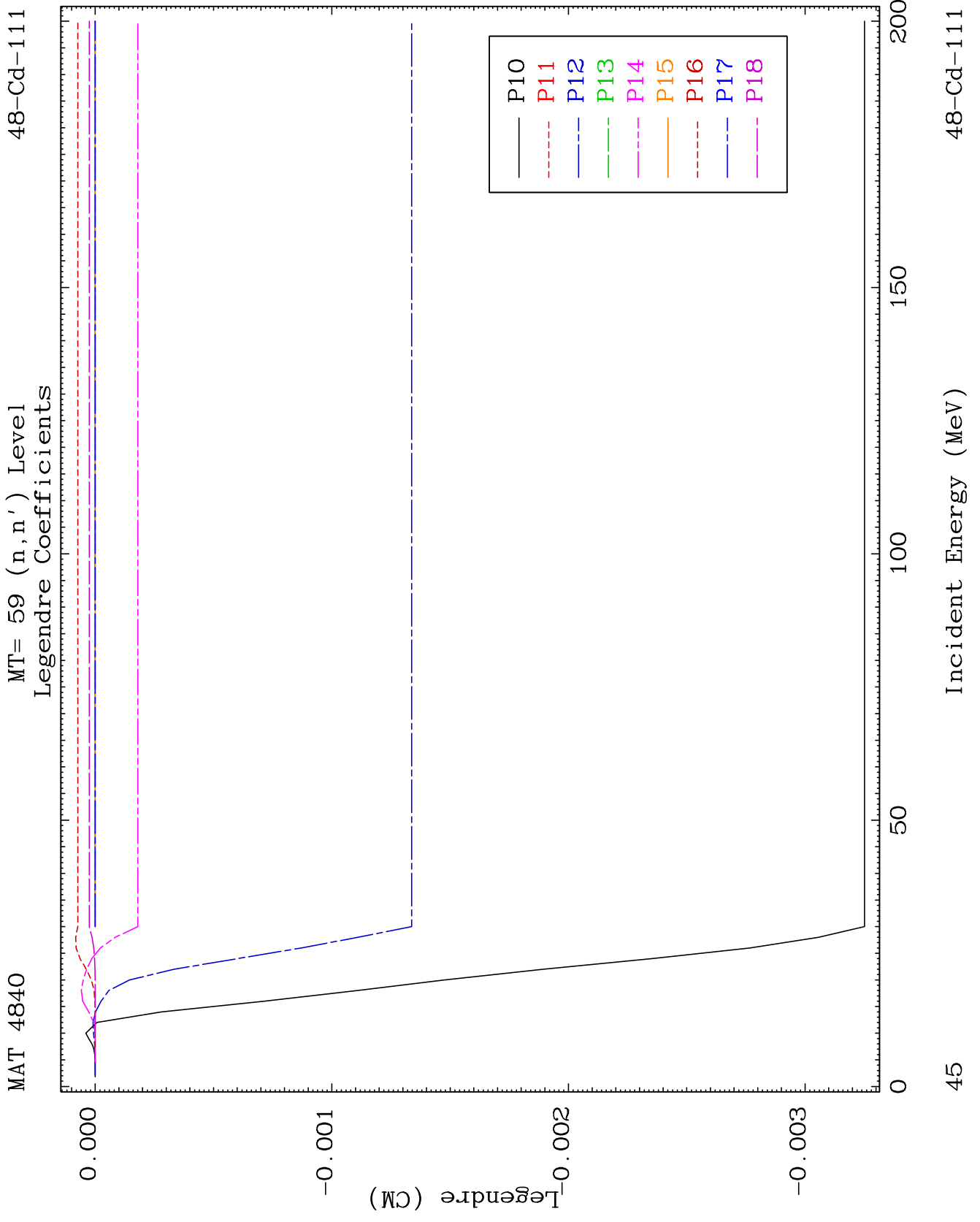
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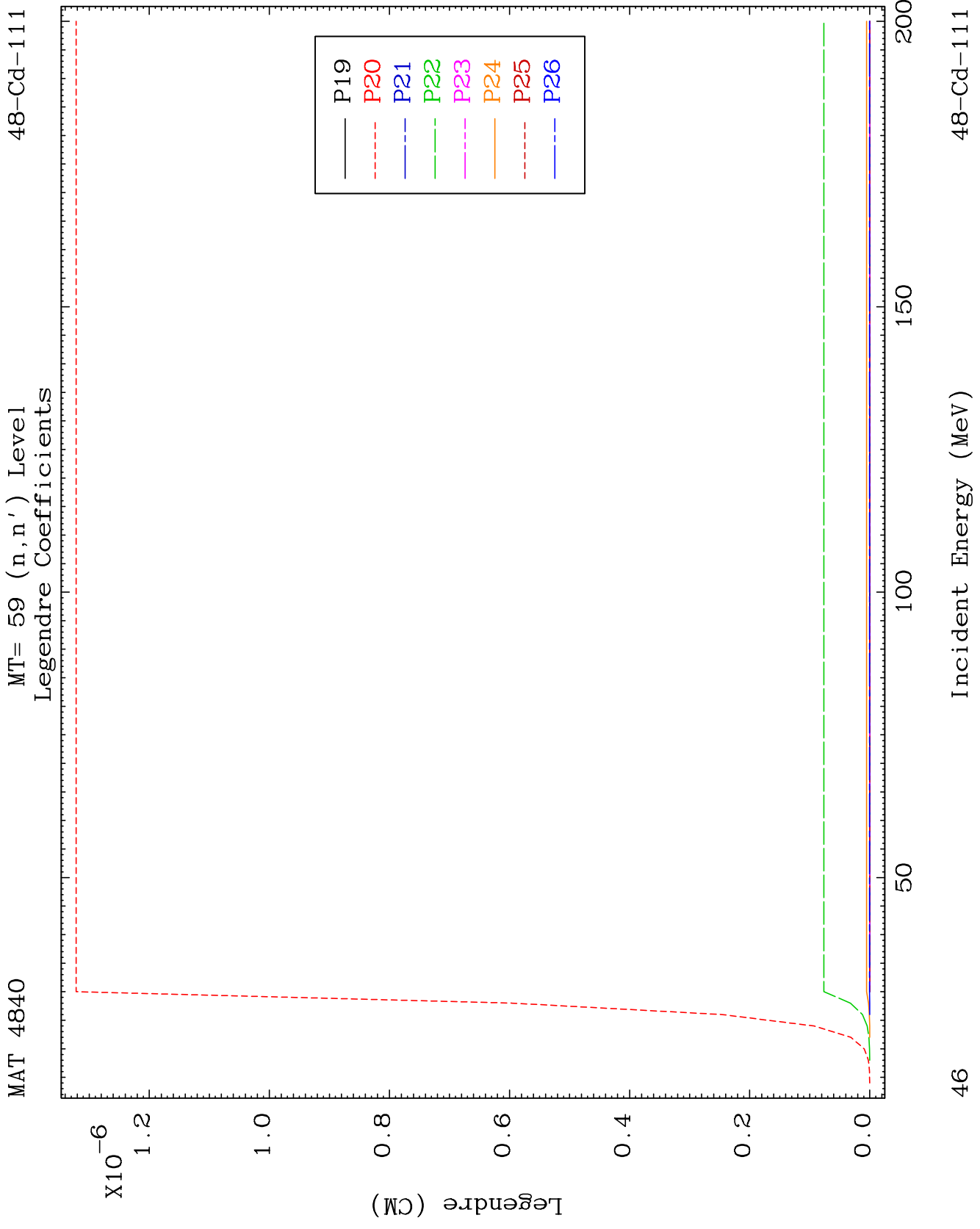
Incident Energy (MeV)

48-Cd-111

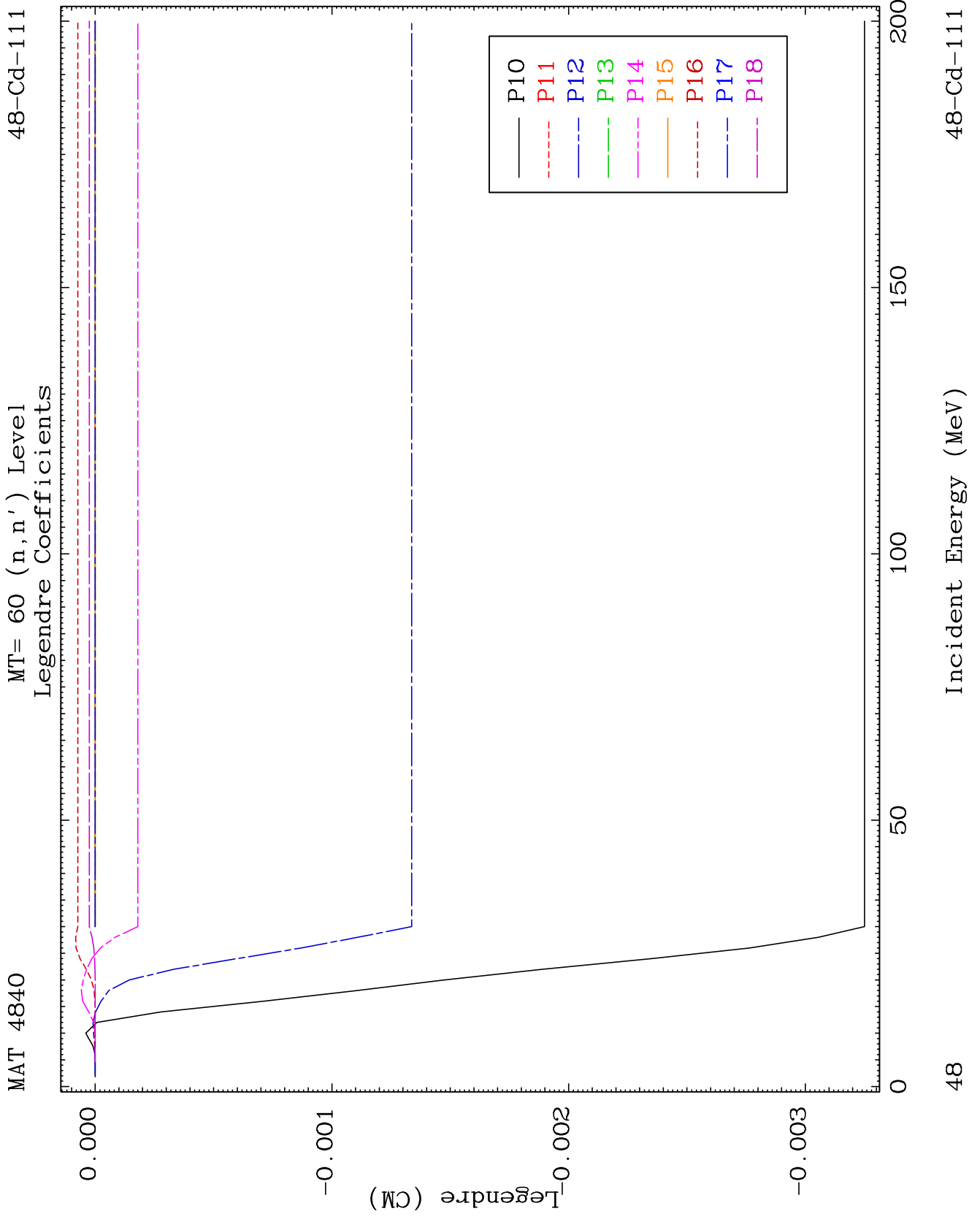


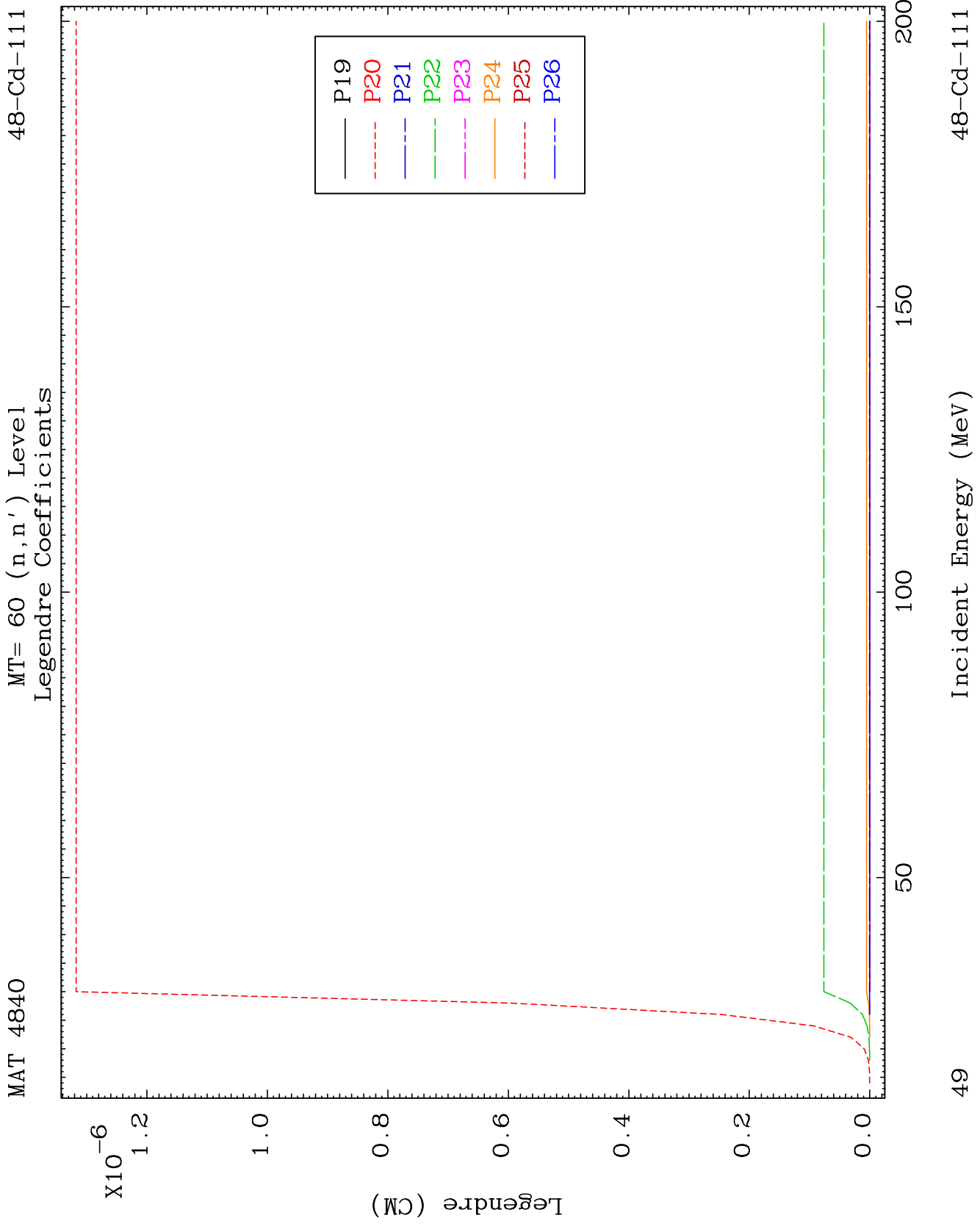


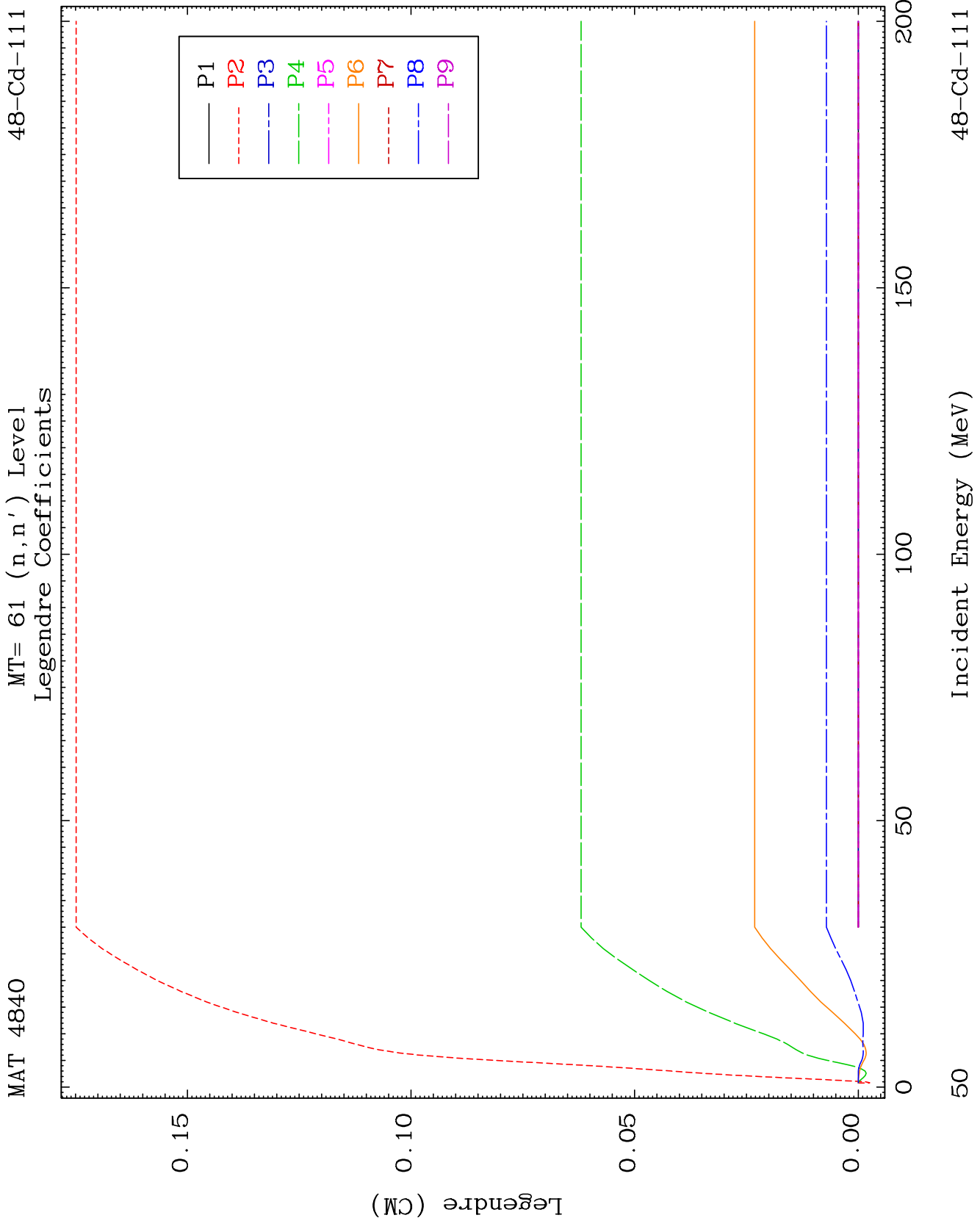








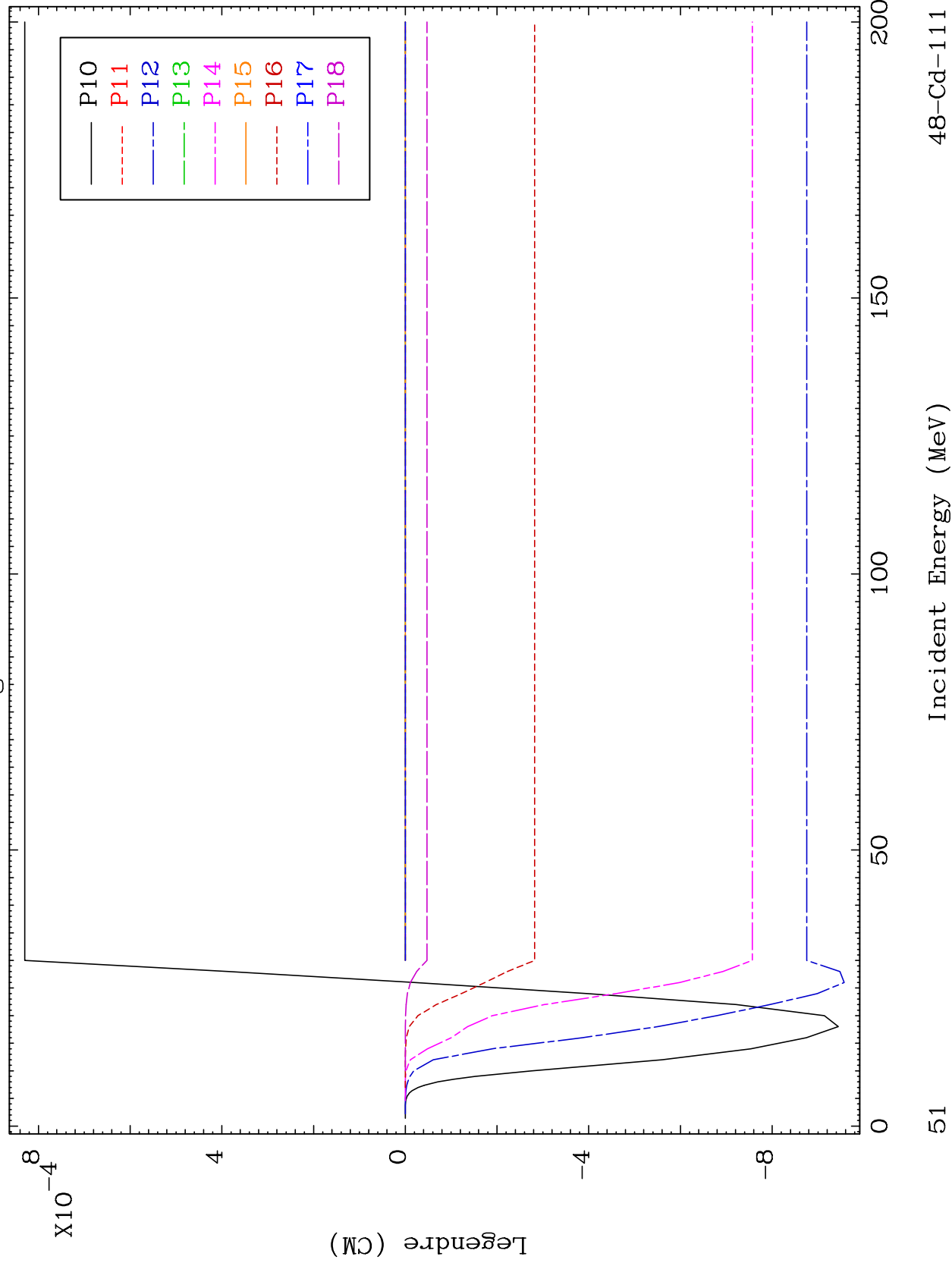


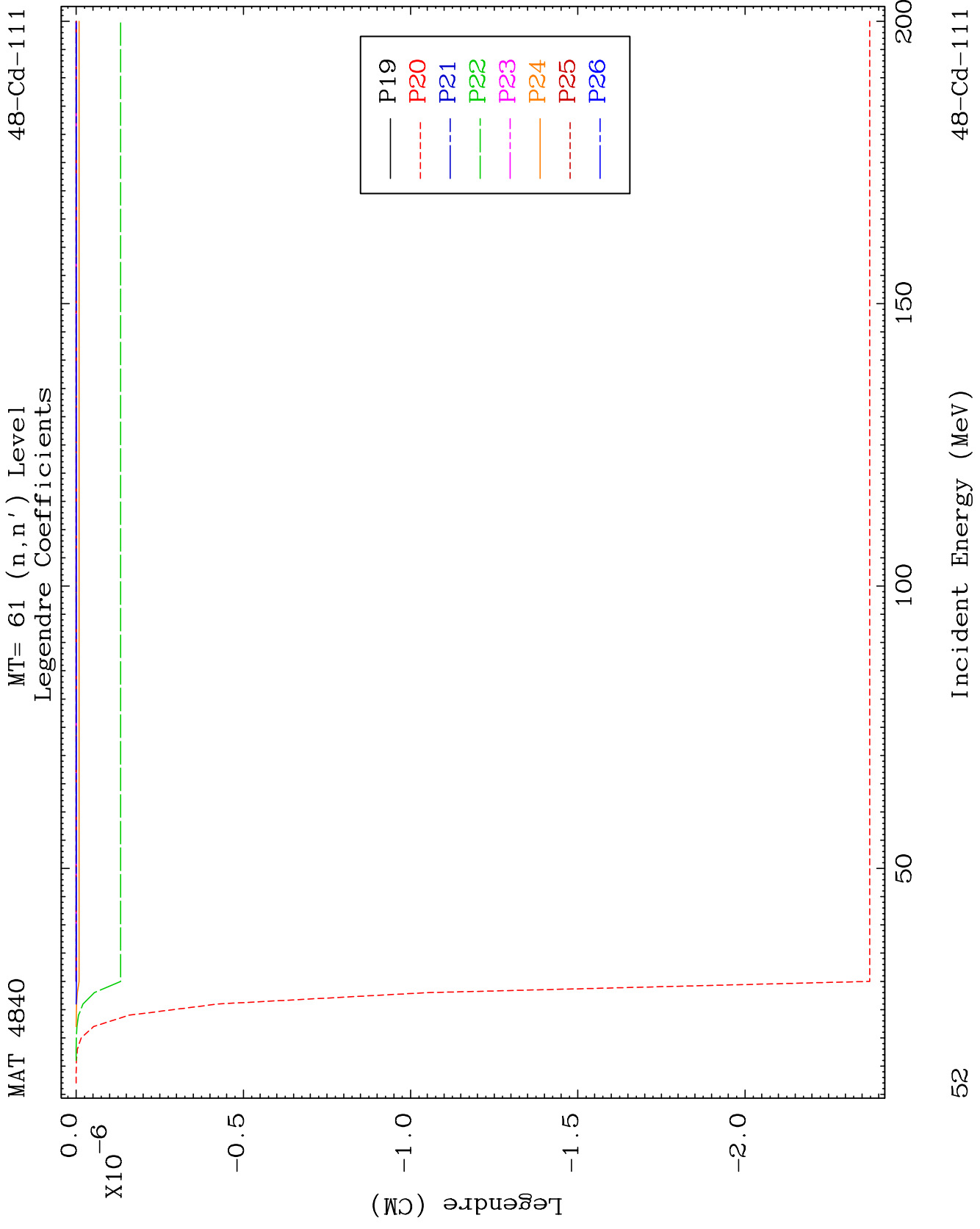


MAT 4840

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

48-Cd-111



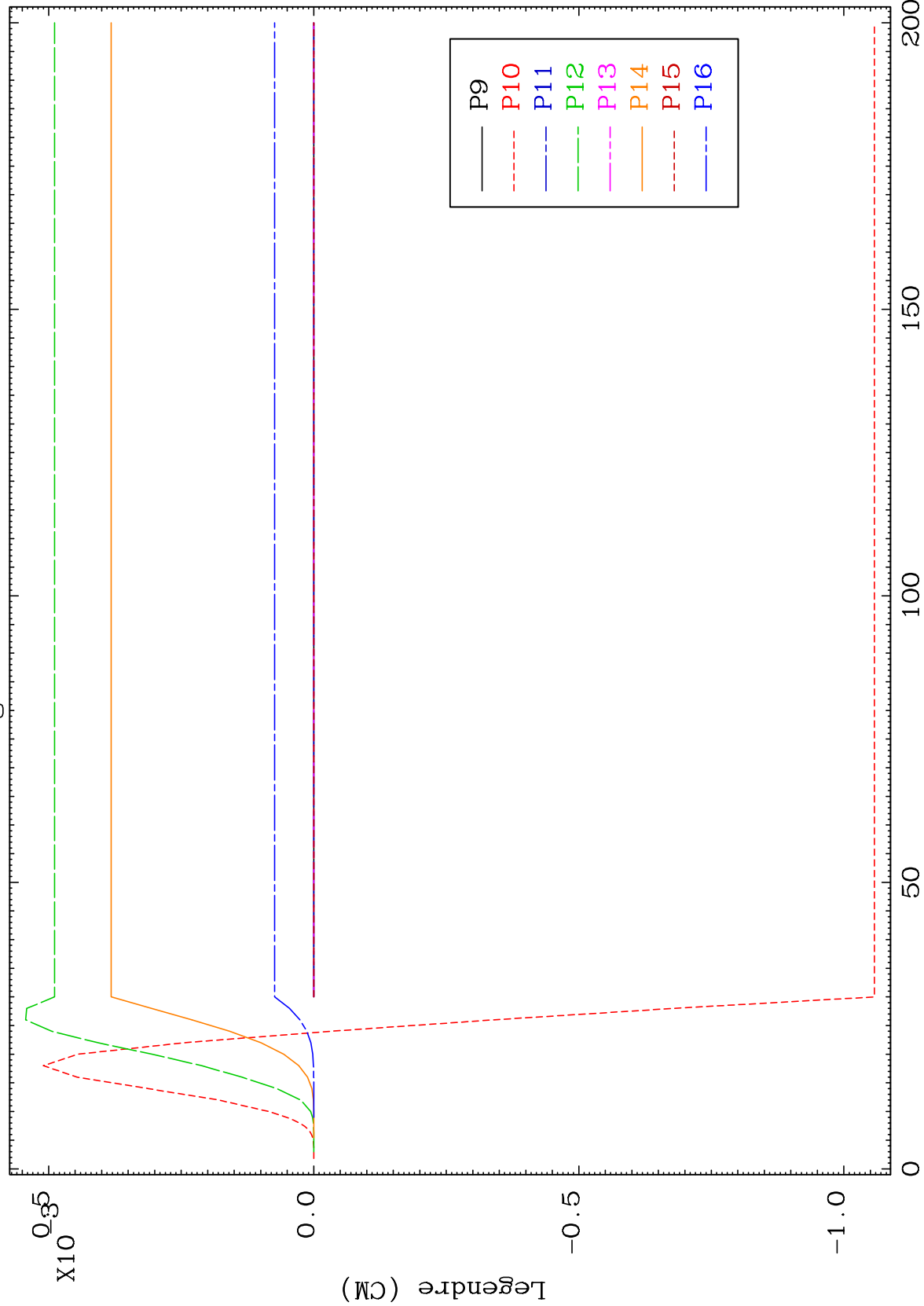




MAT 4840

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

48-Cd-111



54

Incident Energy (MeV)

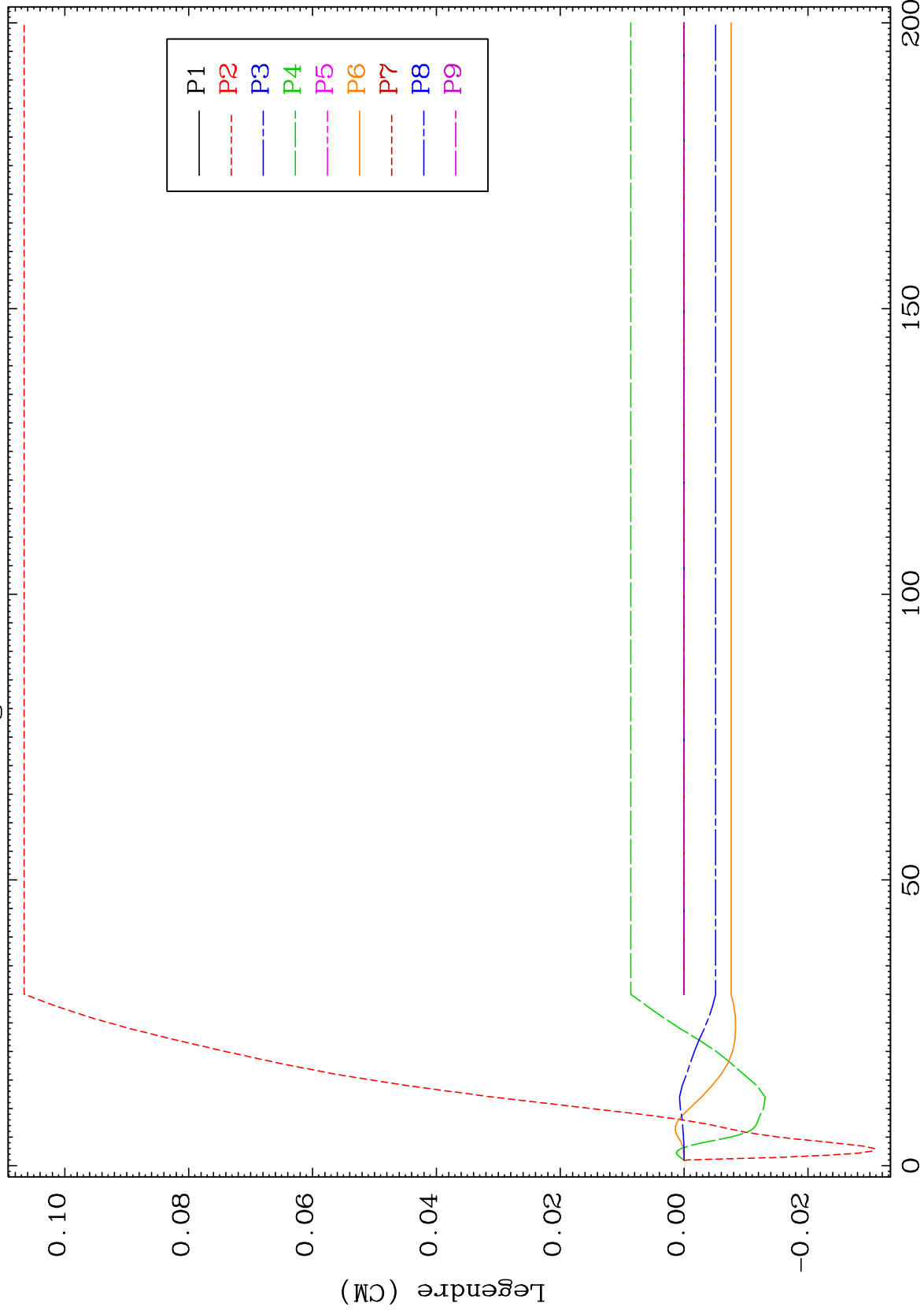
48-Cd-111



MAT 4840

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

48-Cd-111



48-Cd-111

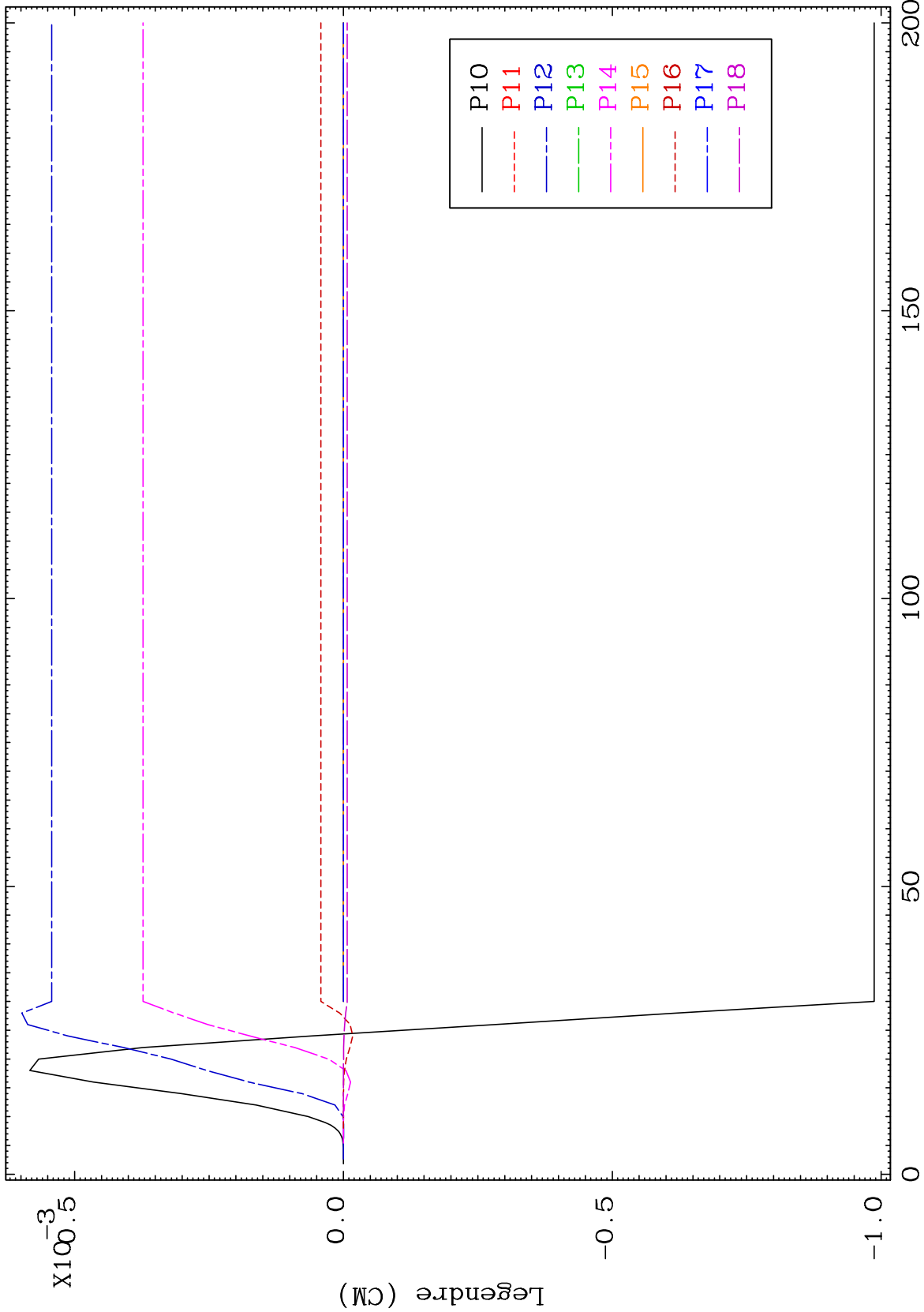
Incident Energy (MeV)

56

MAT 4840

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

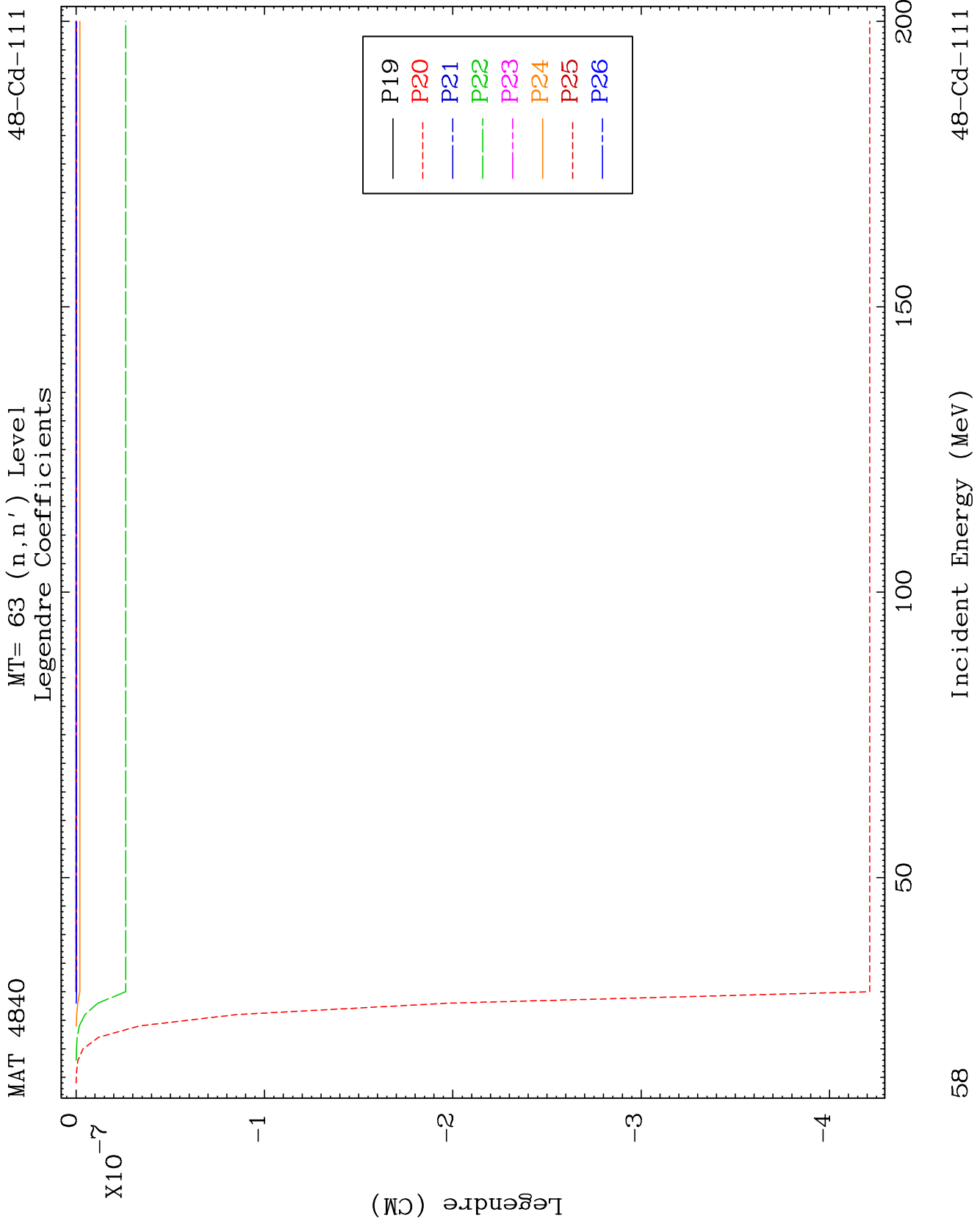
48-Cd-111



57

Incident Energy (MeV)

48-Cd-111



48-Cd-111

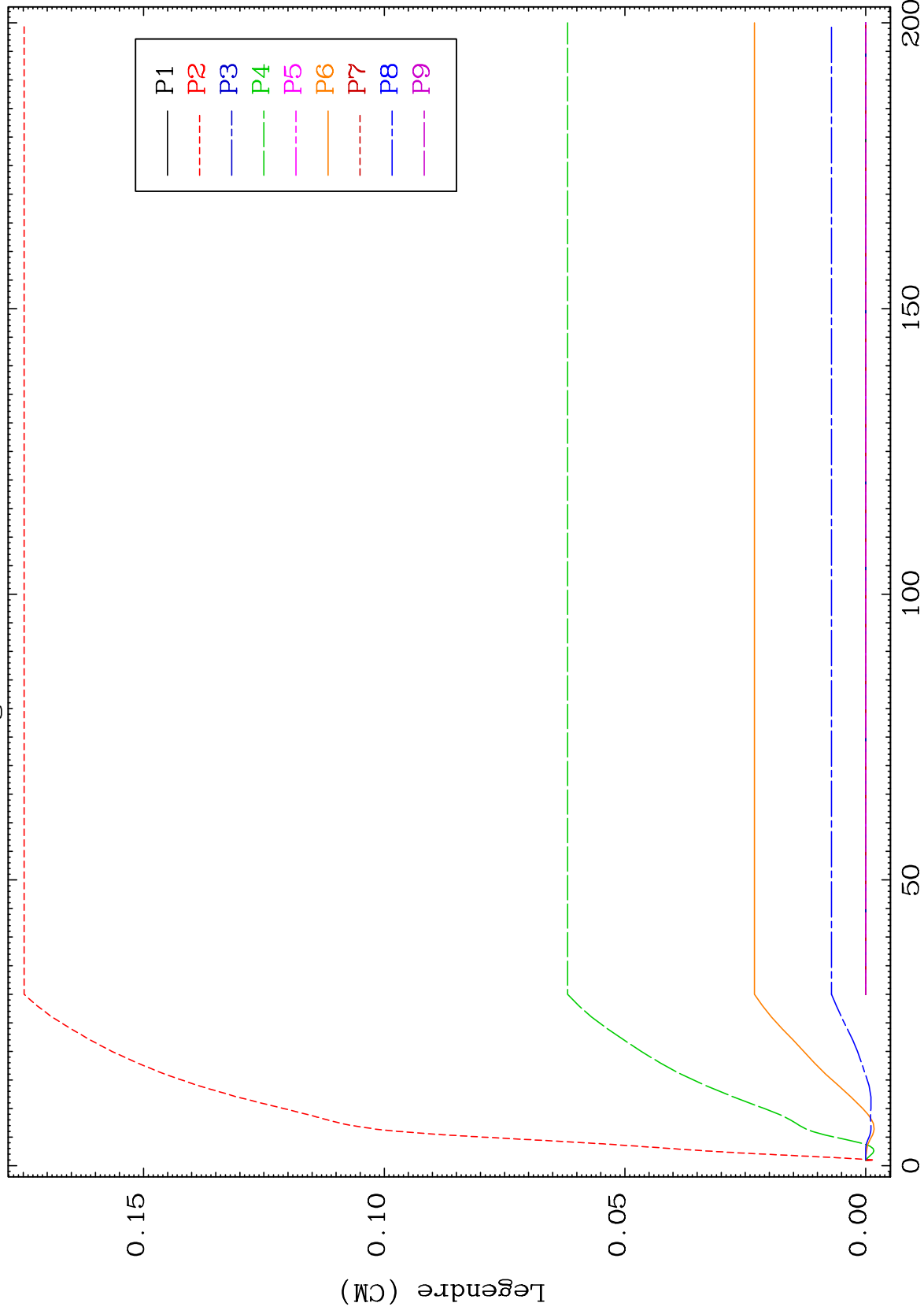
Incident Energy (MeV)

58

MAT 4840

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

48-Cd-111



59

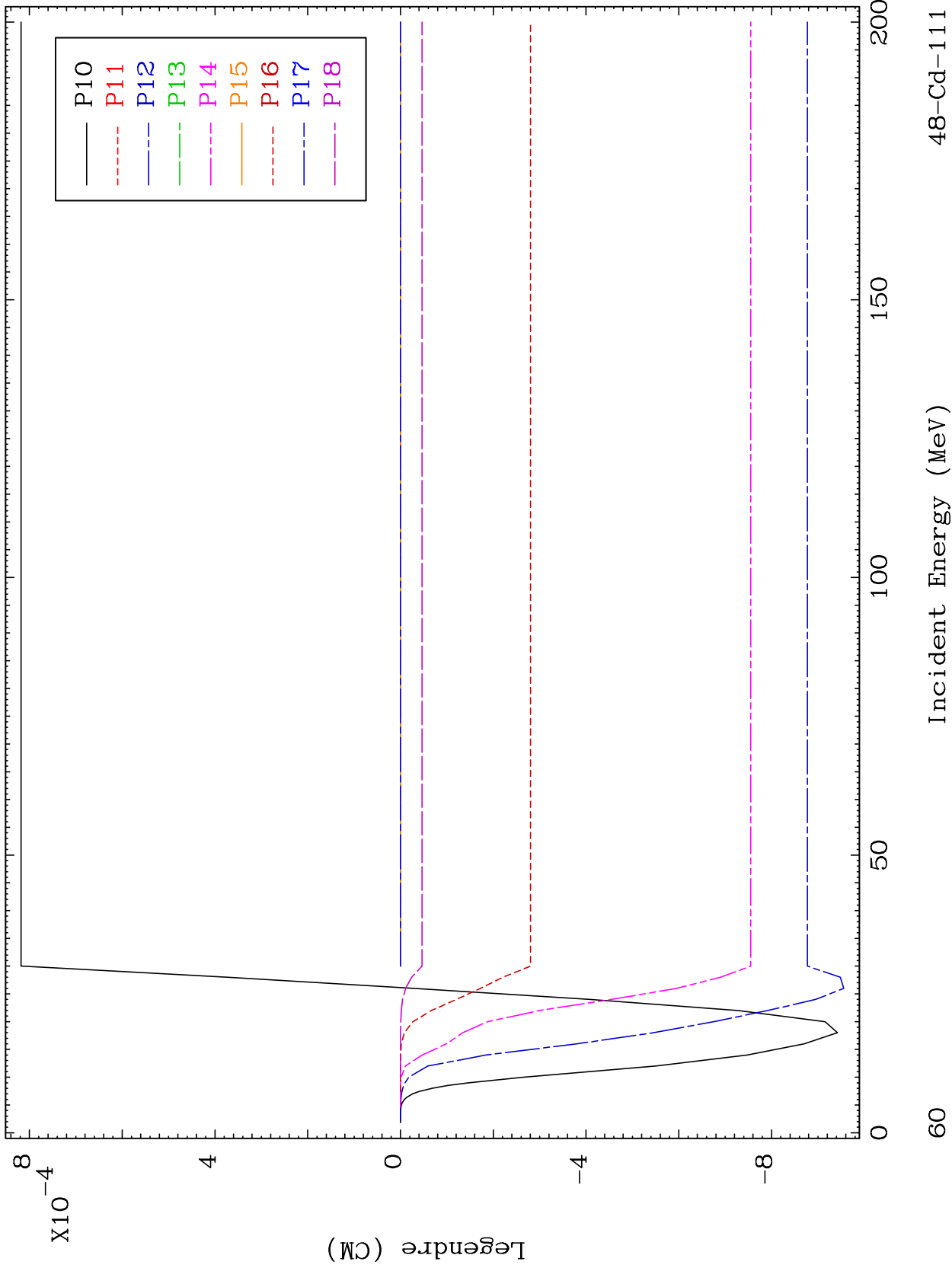
Incident Energy (MeV)

48-Cd-111

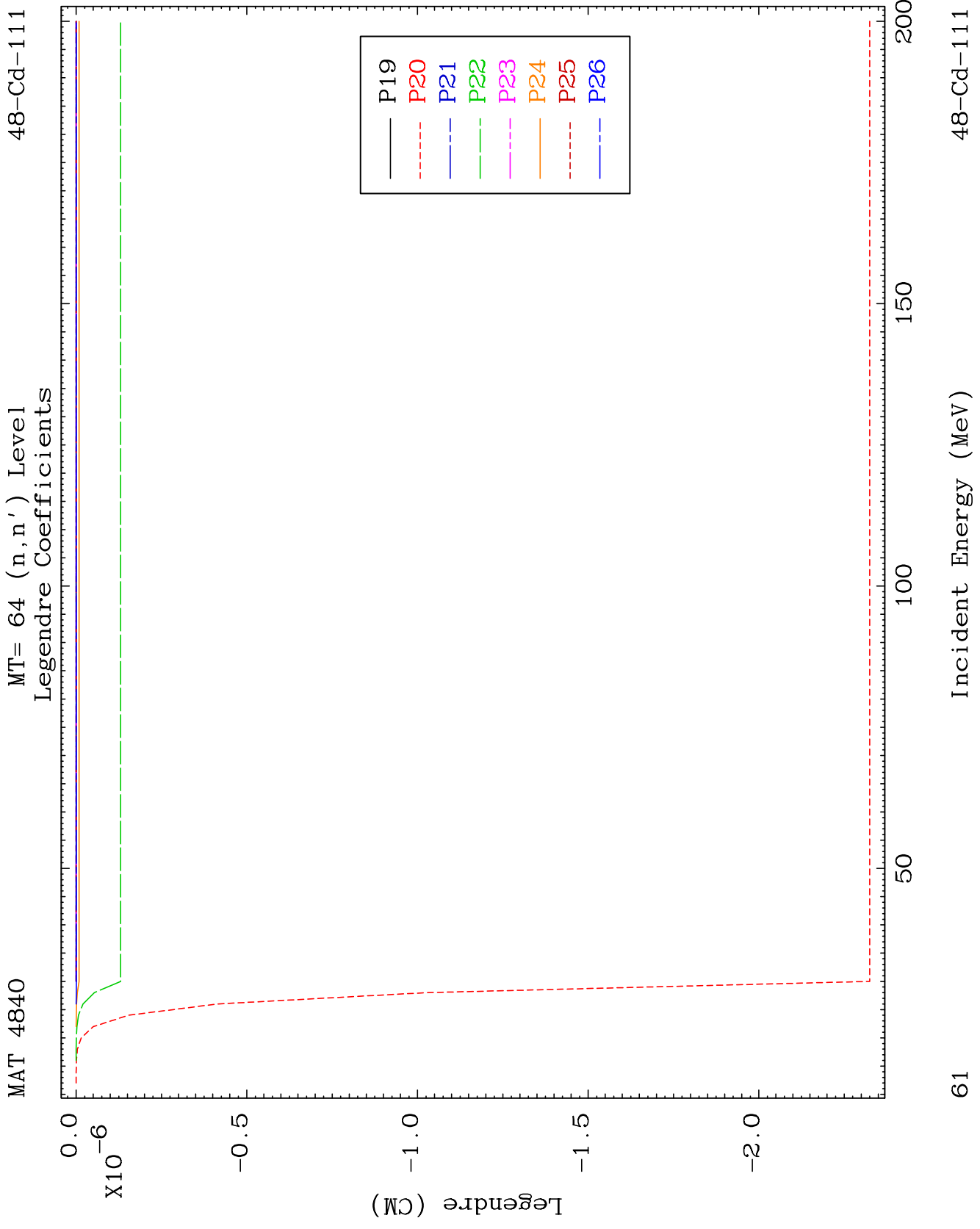
MAT 4840

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

48-Cd-111



48-Cd-111

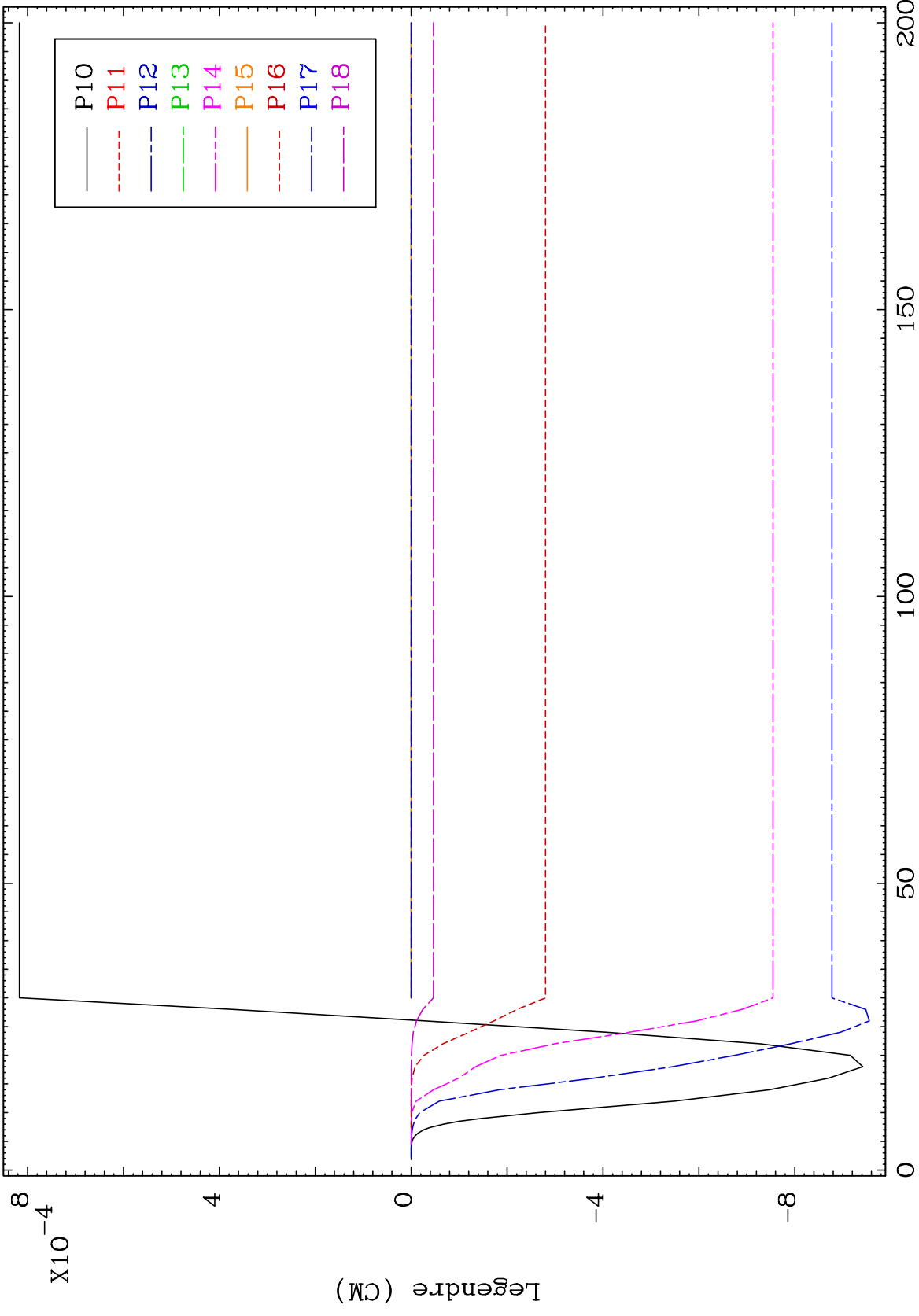




MAT 4840

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

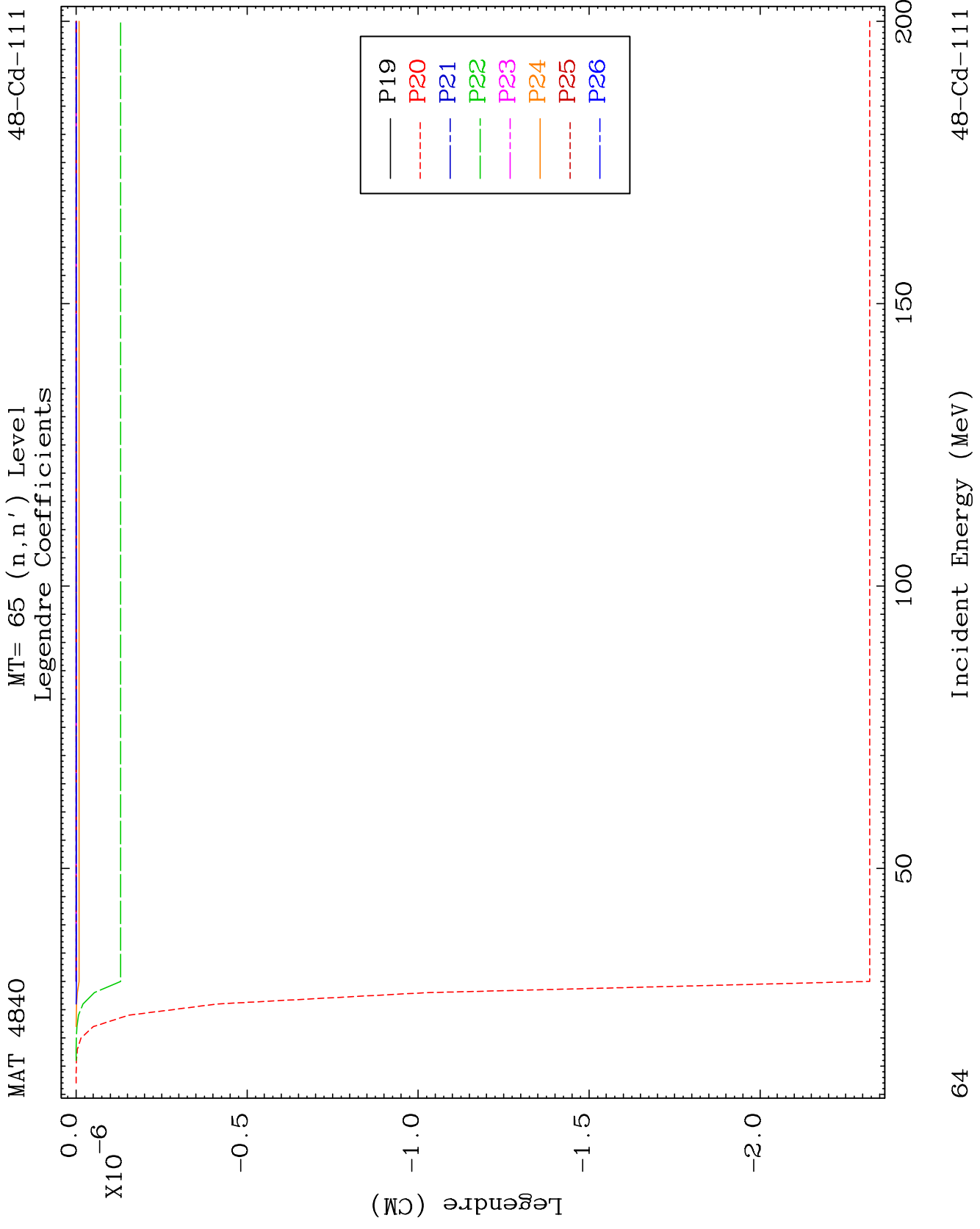
48-Cd-111

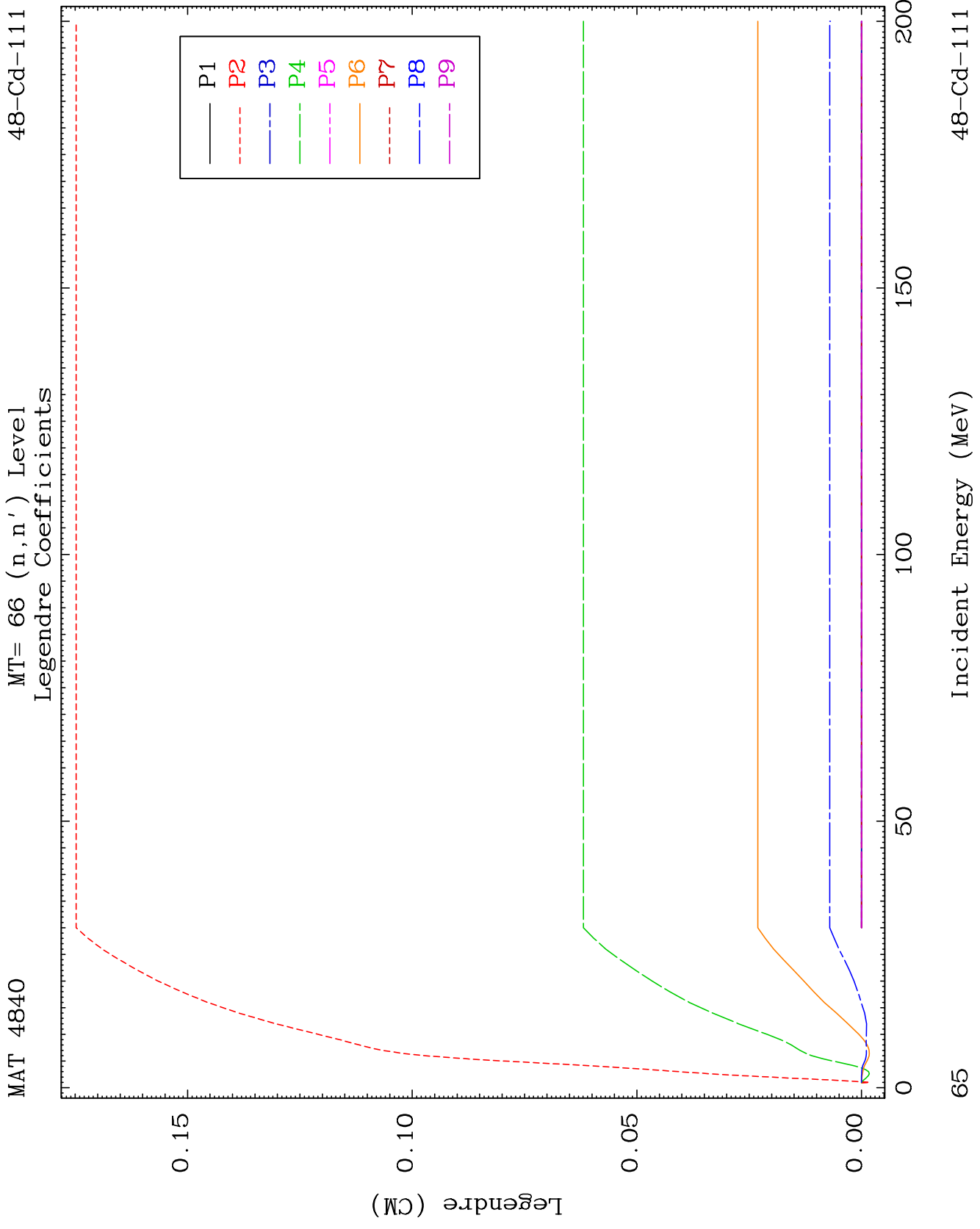


63

Incident Energy (MeV)

48-Cd-111

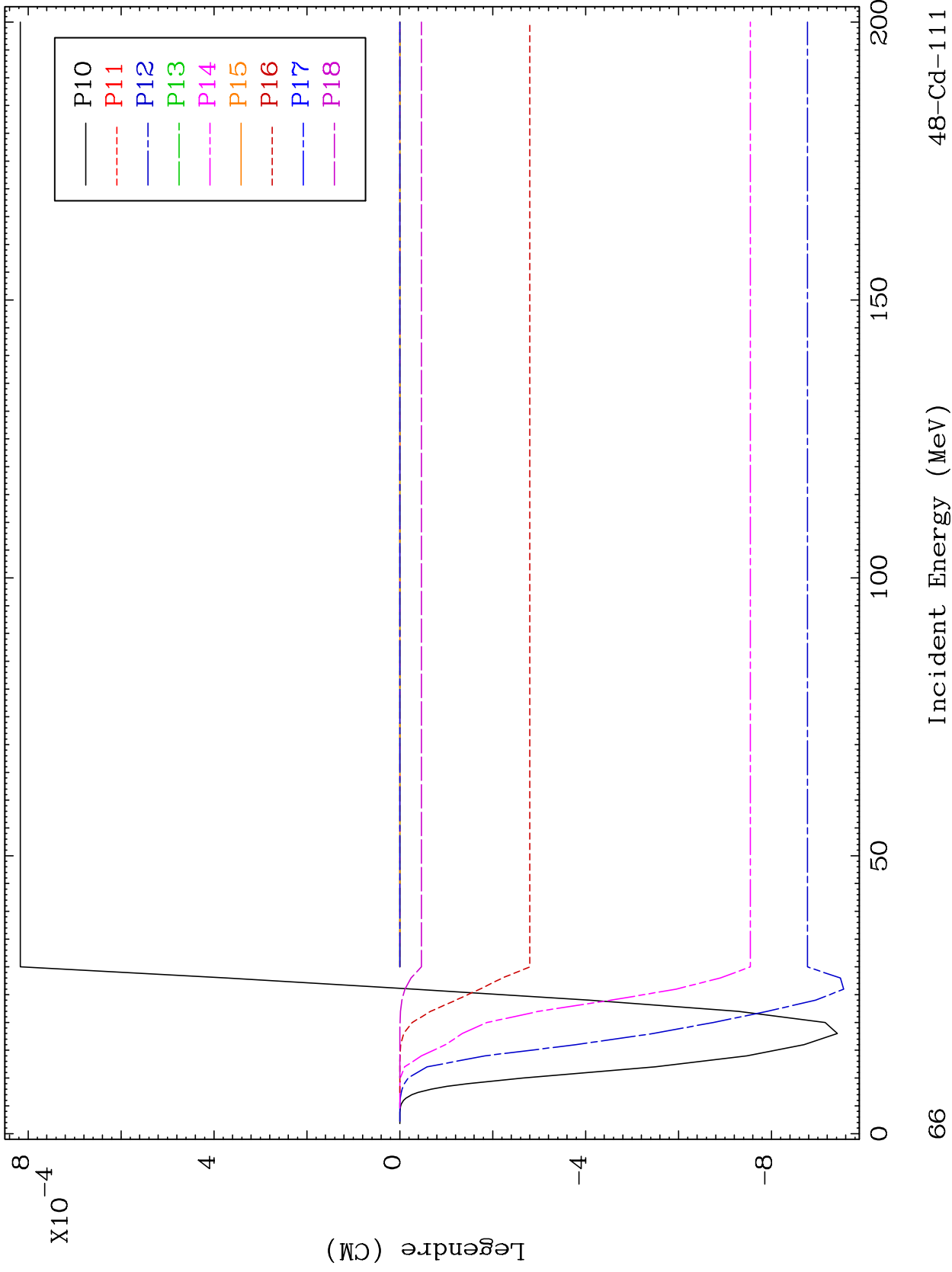




MAT 4840

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

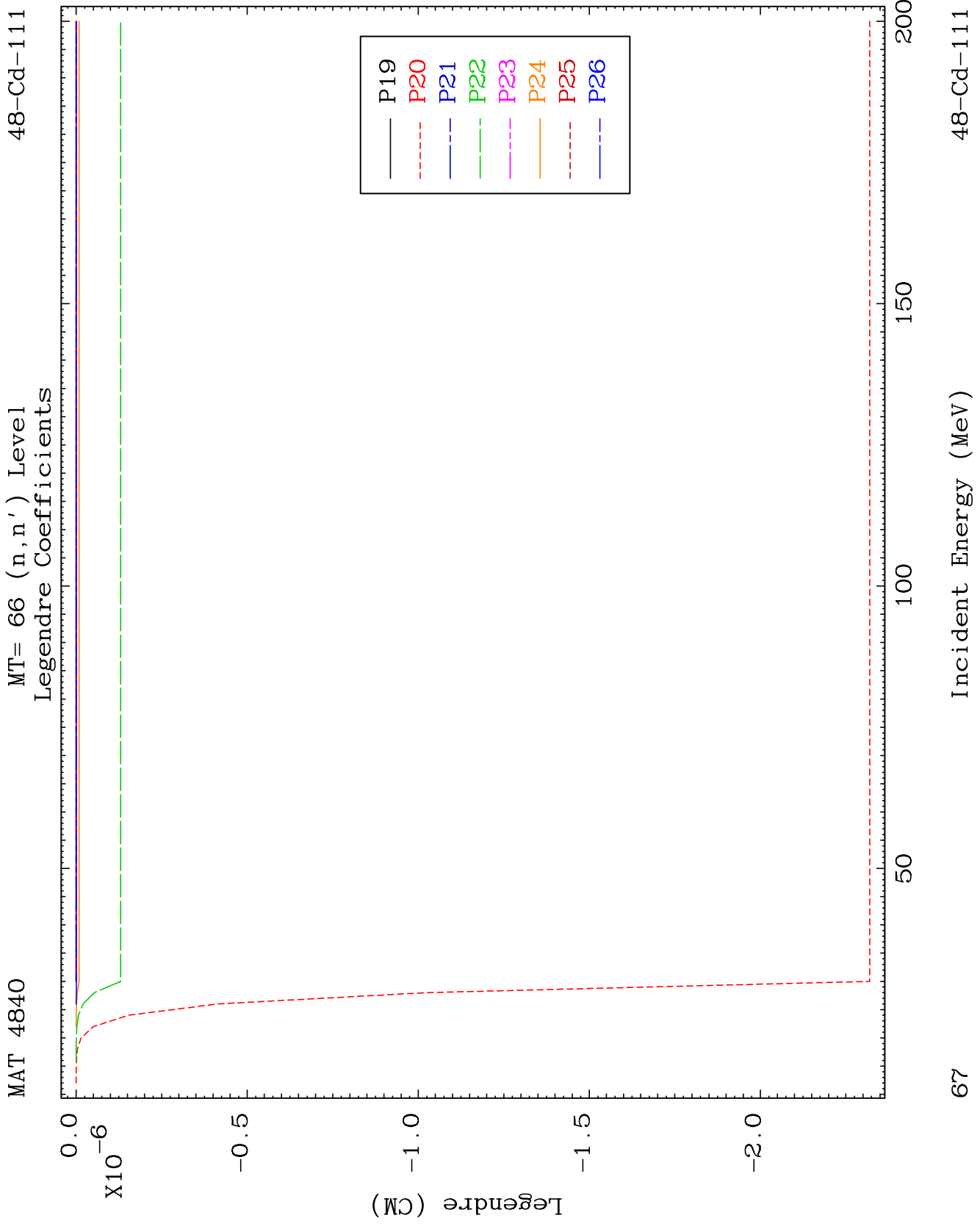
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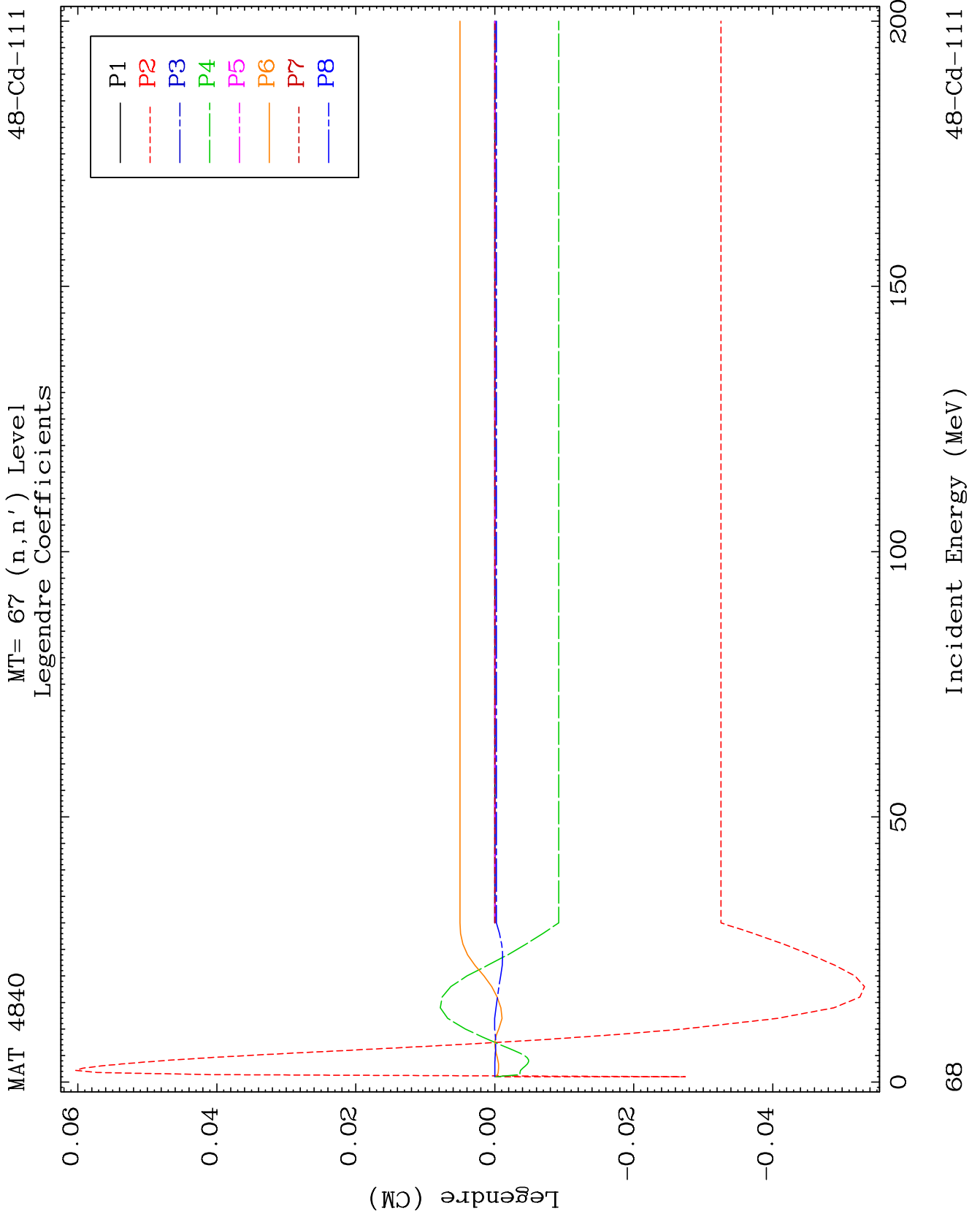


48-Cd-111

Incident Energy (MeV)

66



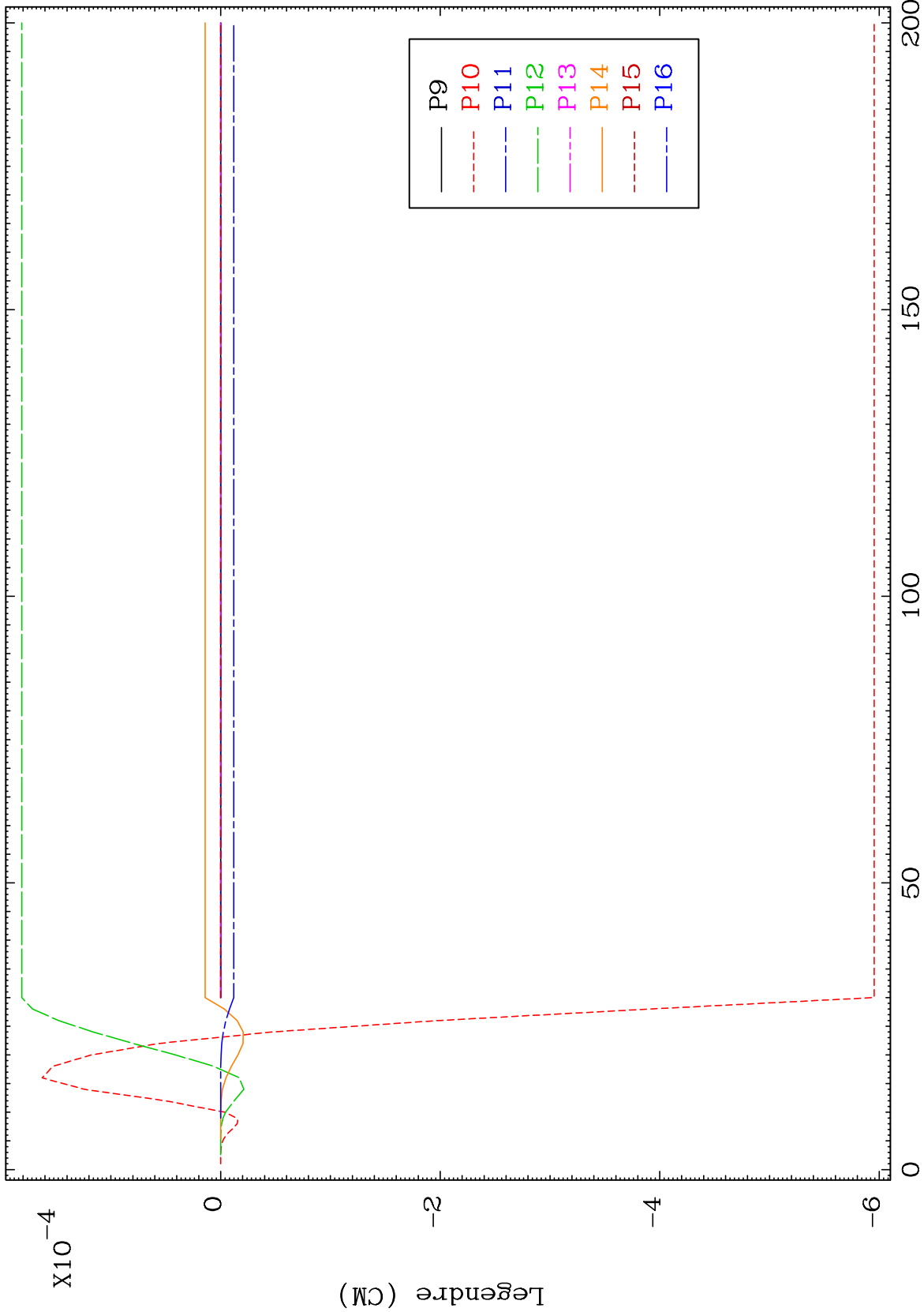


MAT 4840

MT= 67 (n,n') Level

48-Cd-111

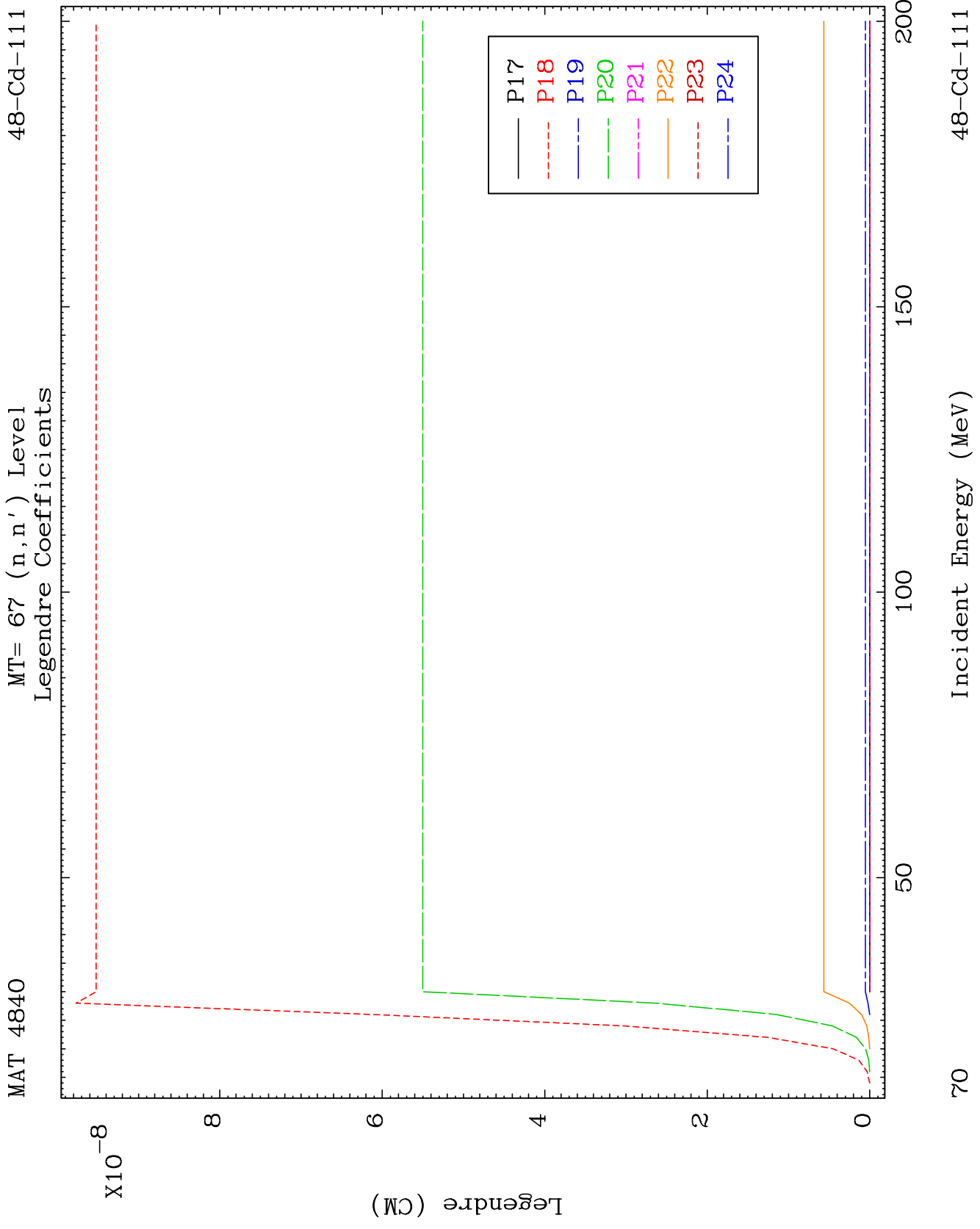
Legendre Coefficients

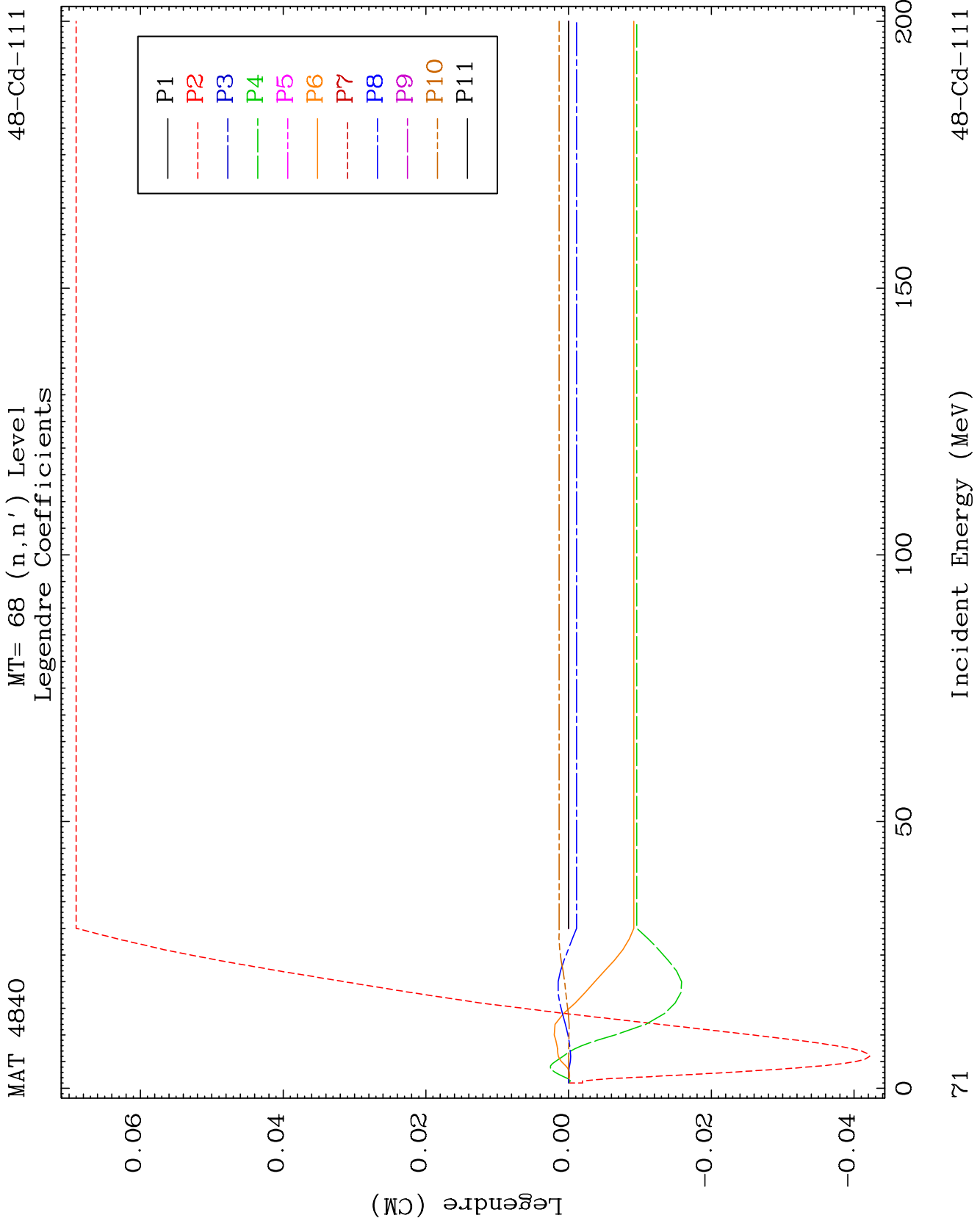


69

Incident Energy (MeV)

48-Cd-111

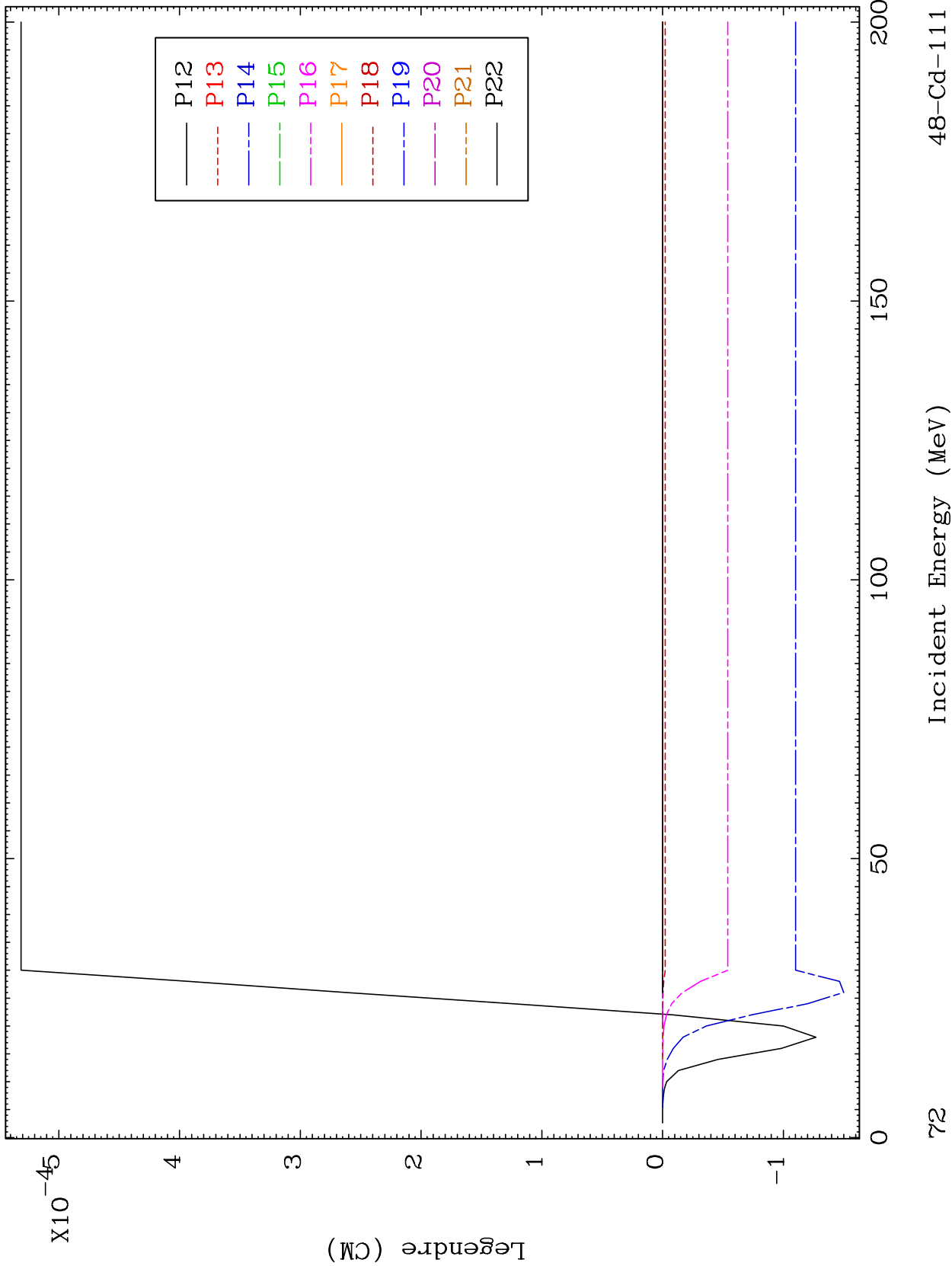




MAT 4840

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

48-Cd-111



72

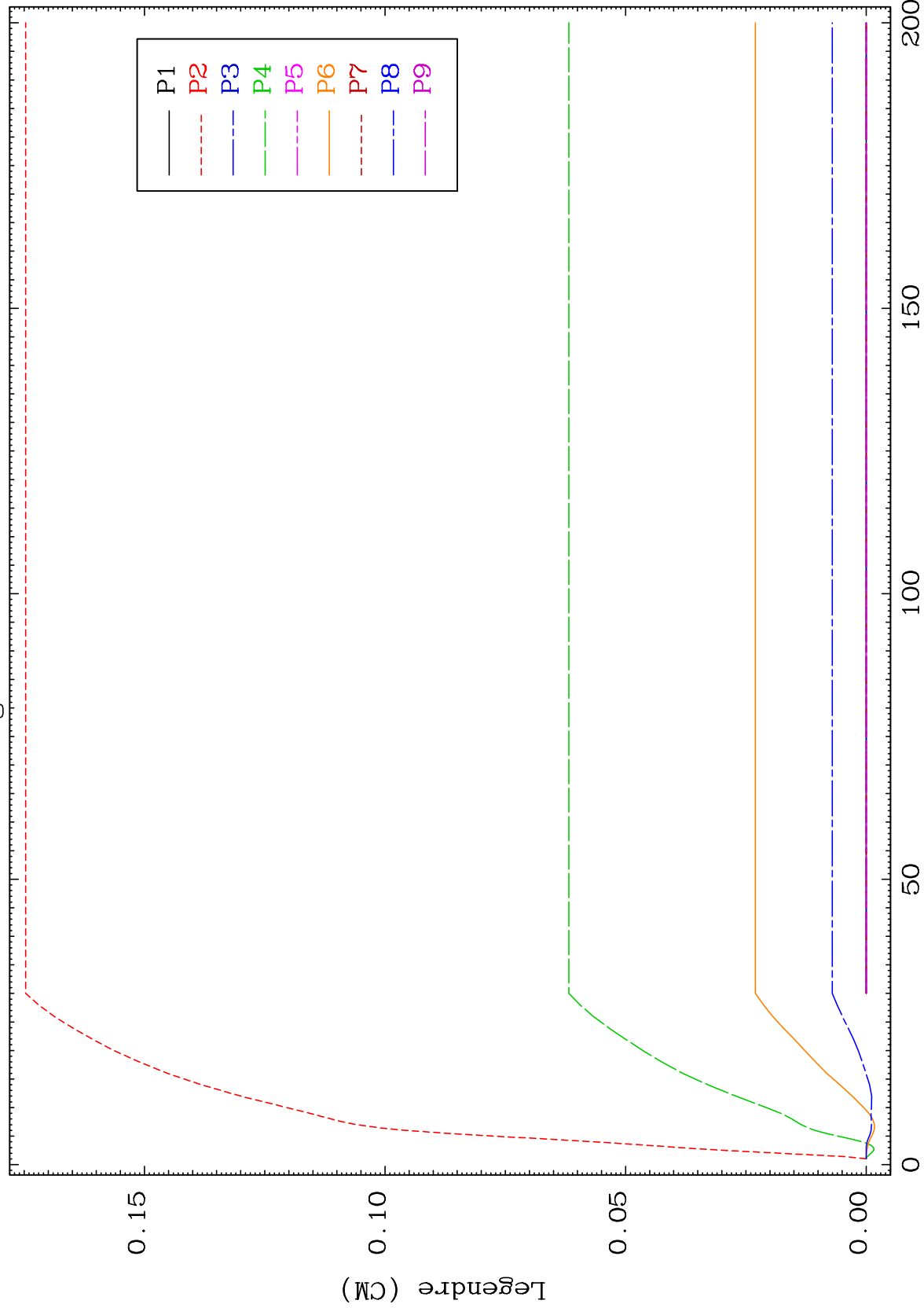
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

48-Cd-111



73

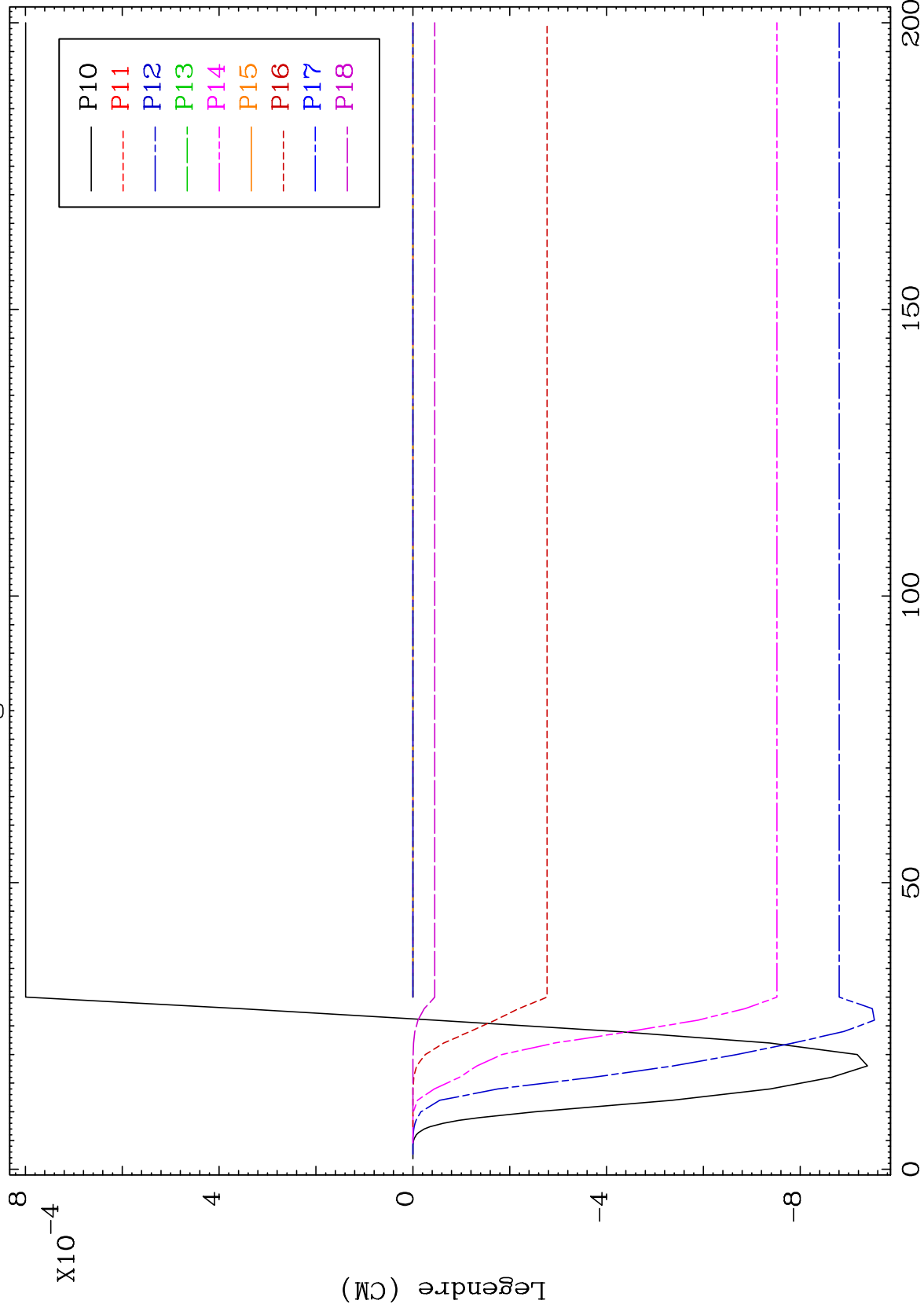
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

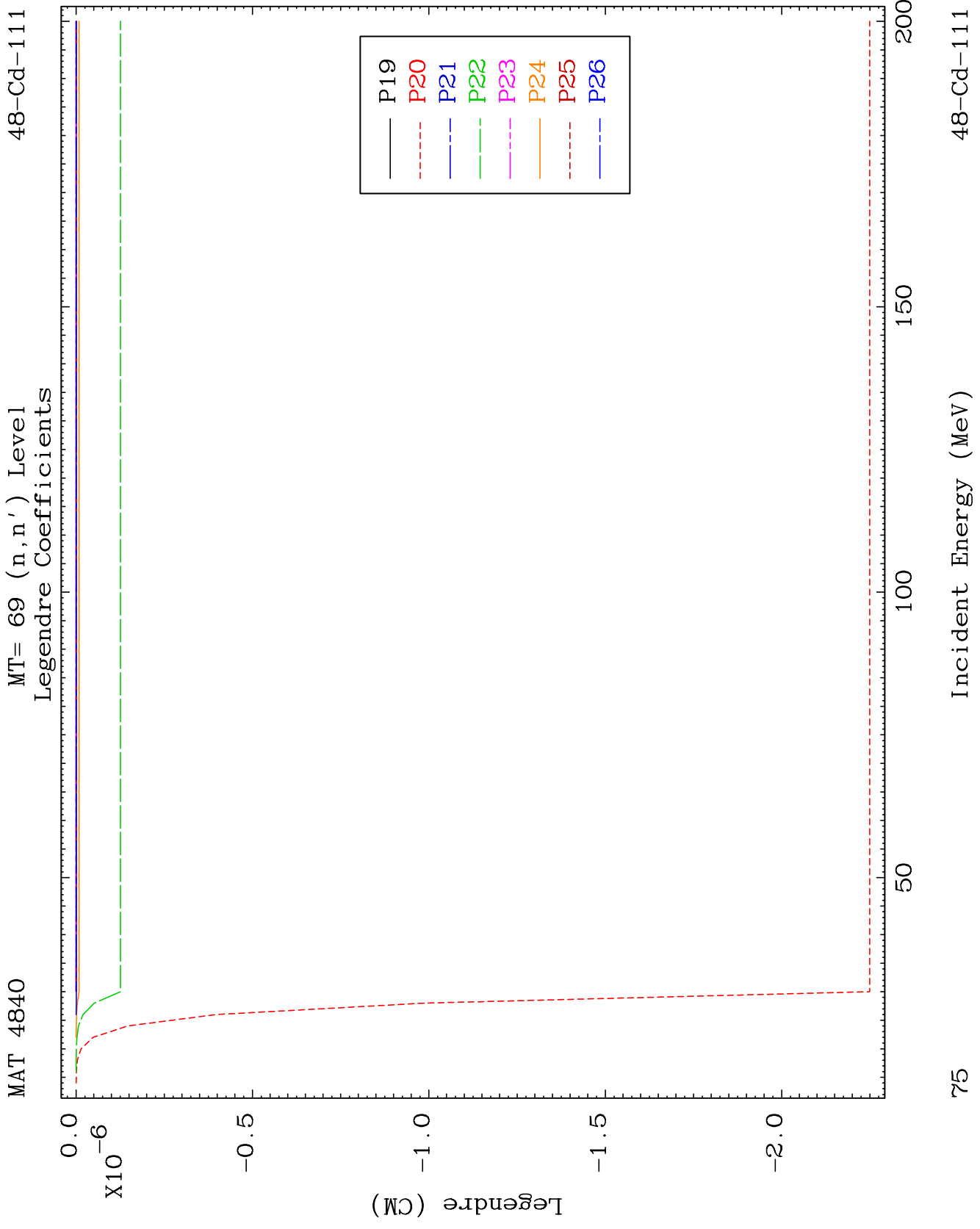
48-Cd-111

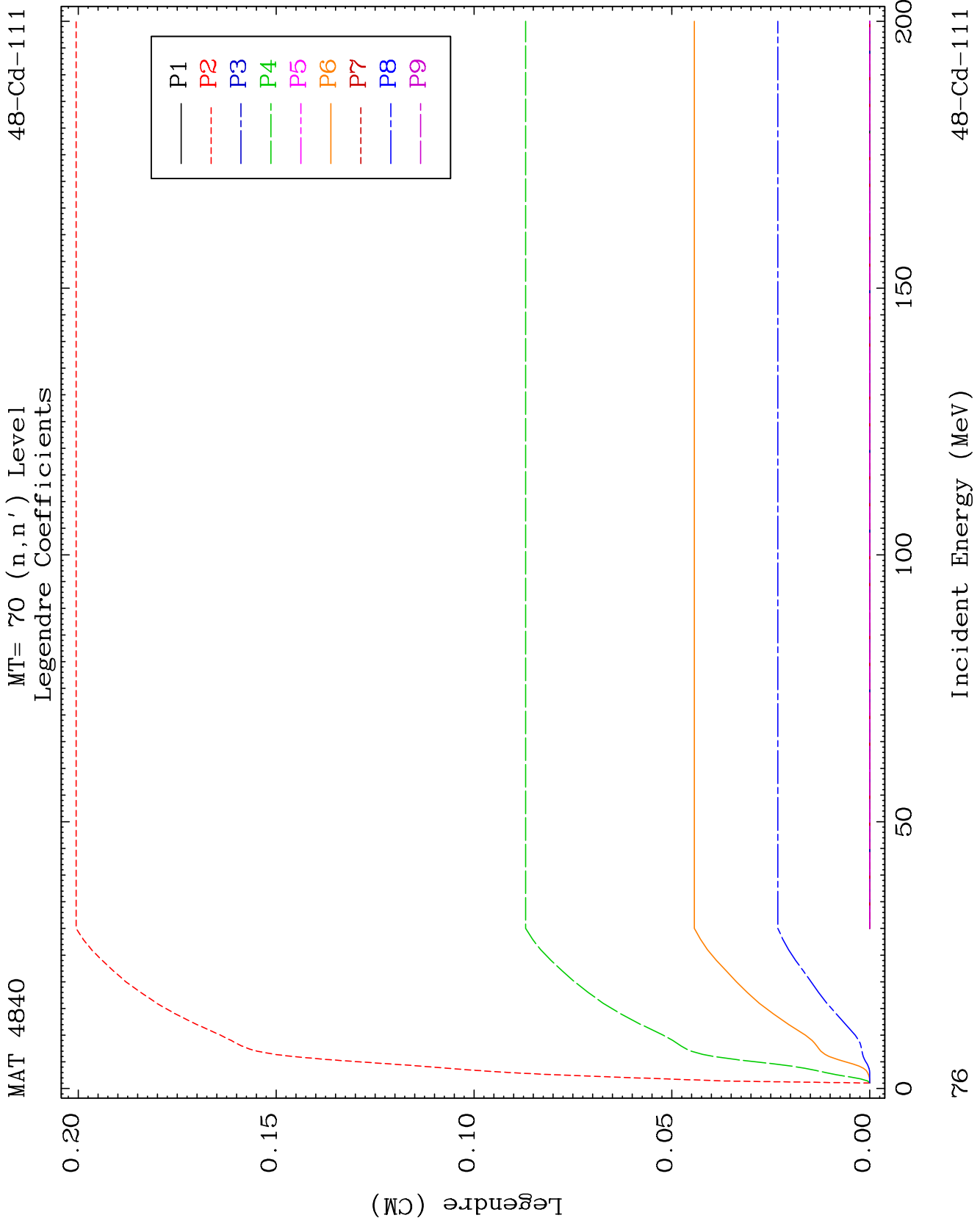


74

Incident Energy (MeV)

48-Cd-111

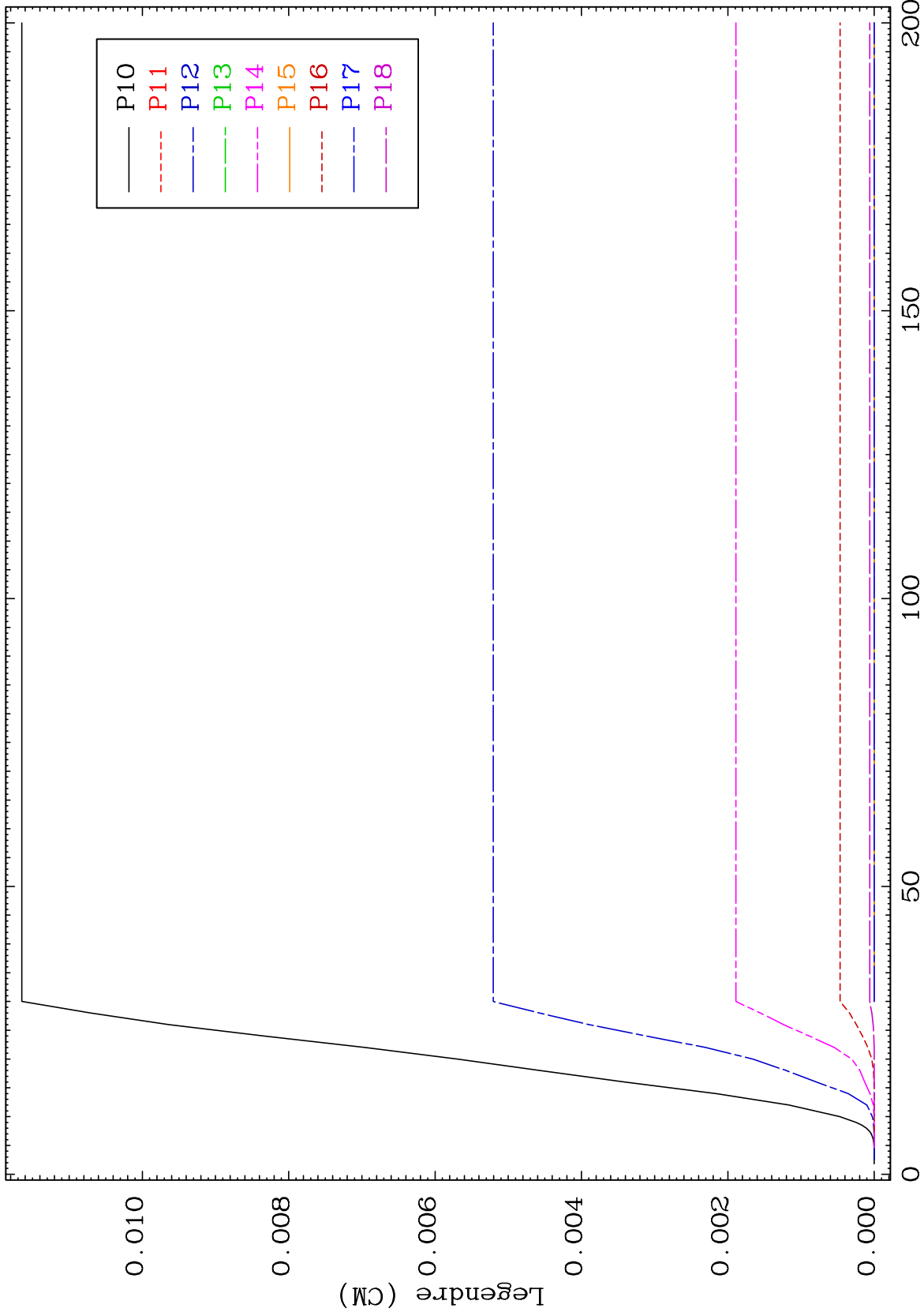




MAT 4840

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

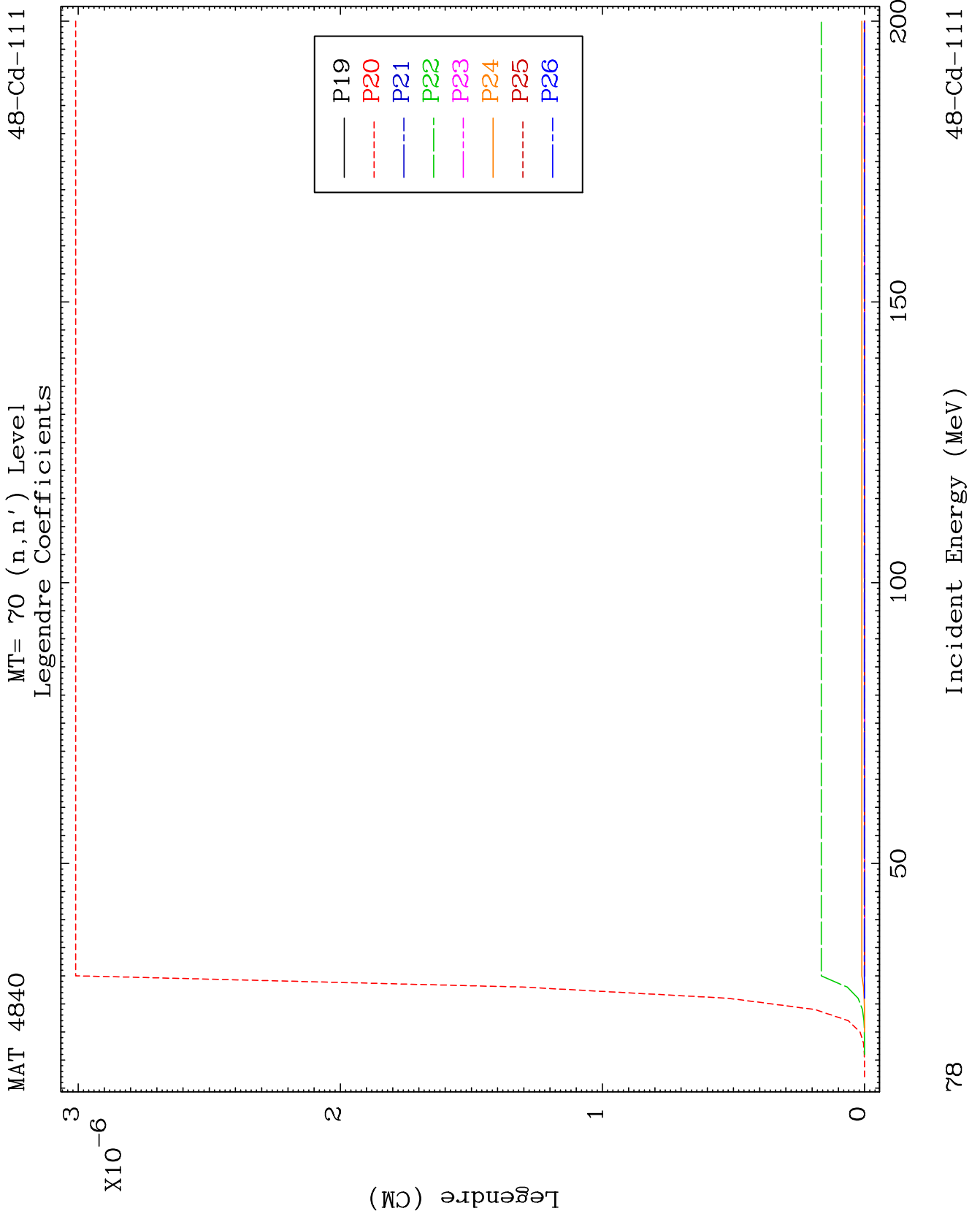
48-Cd-111

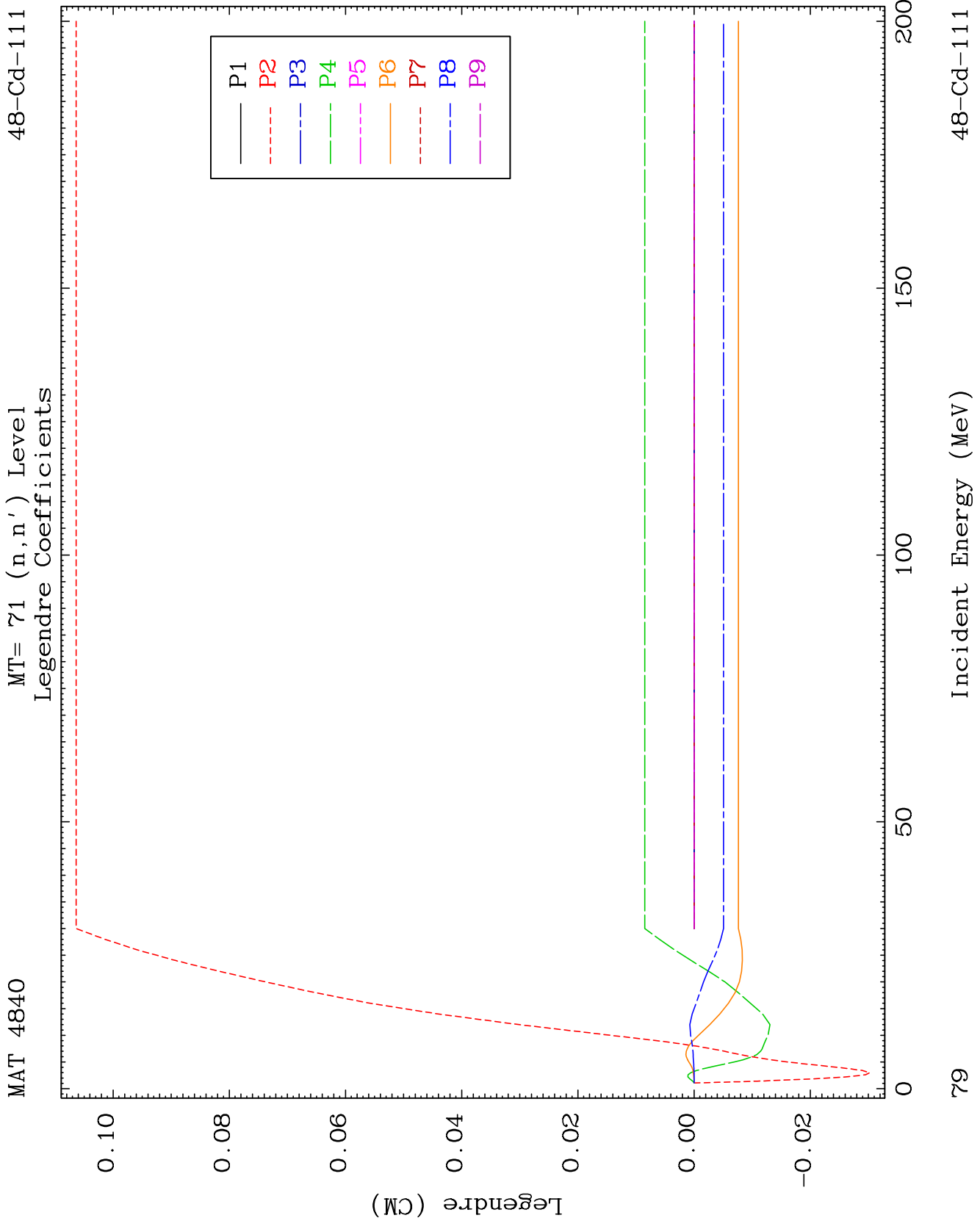


77

Incident Energy (MeV)

48-Cd-111

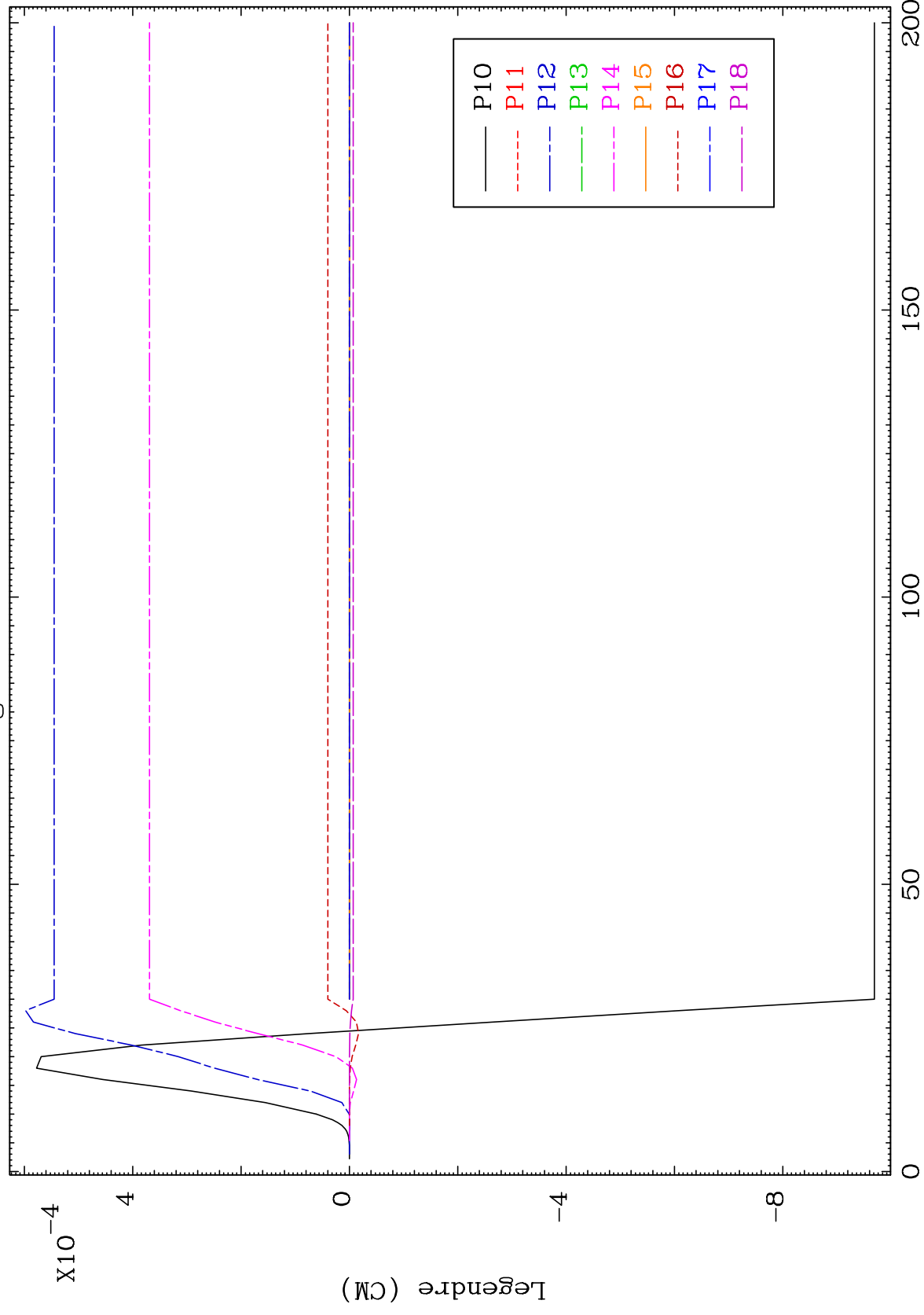




MAT 4840

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

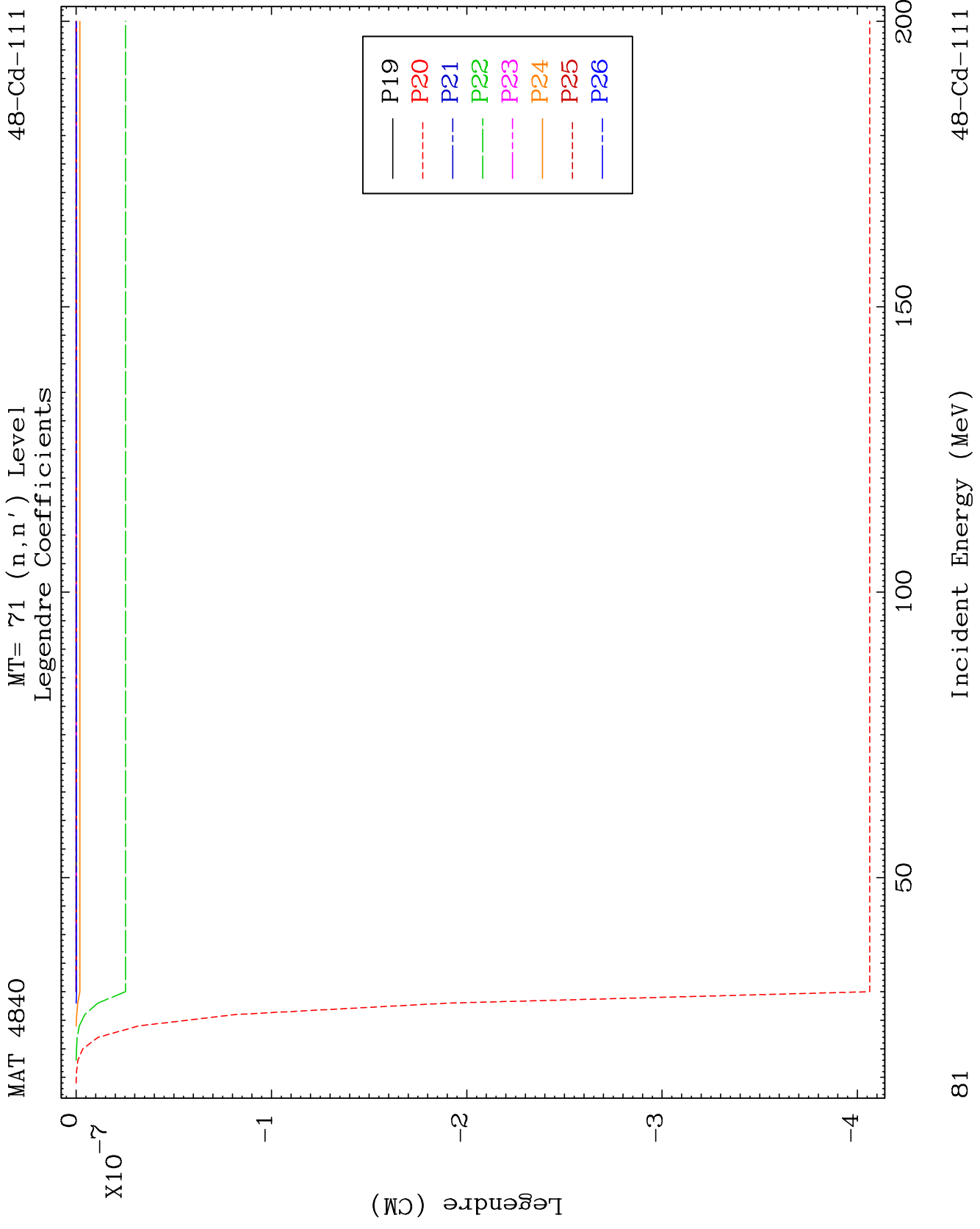
48-Cd-111



80

Incident Energy (MeV)

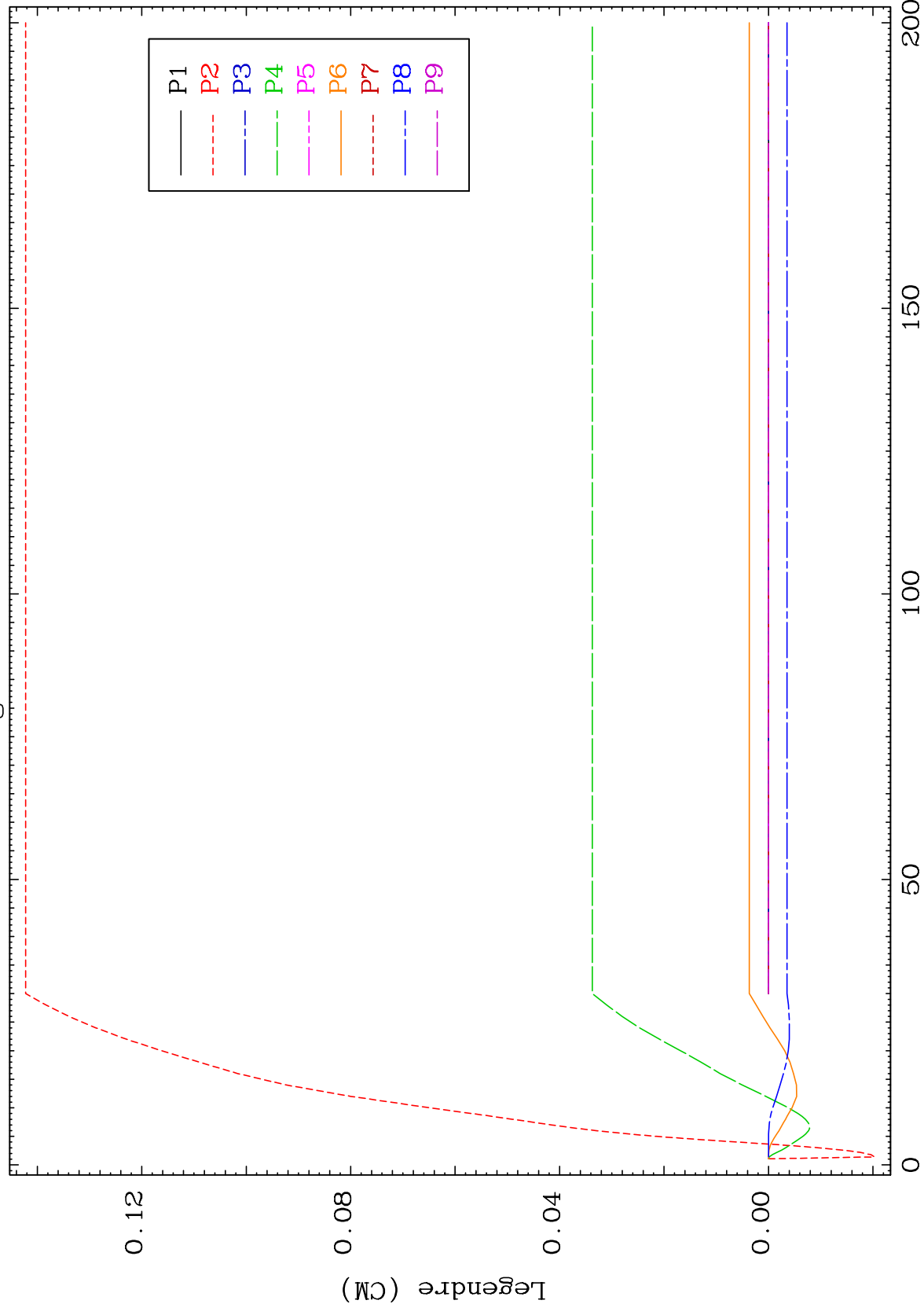
48-Cd-111



MAT 4840

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

48-Cd-111

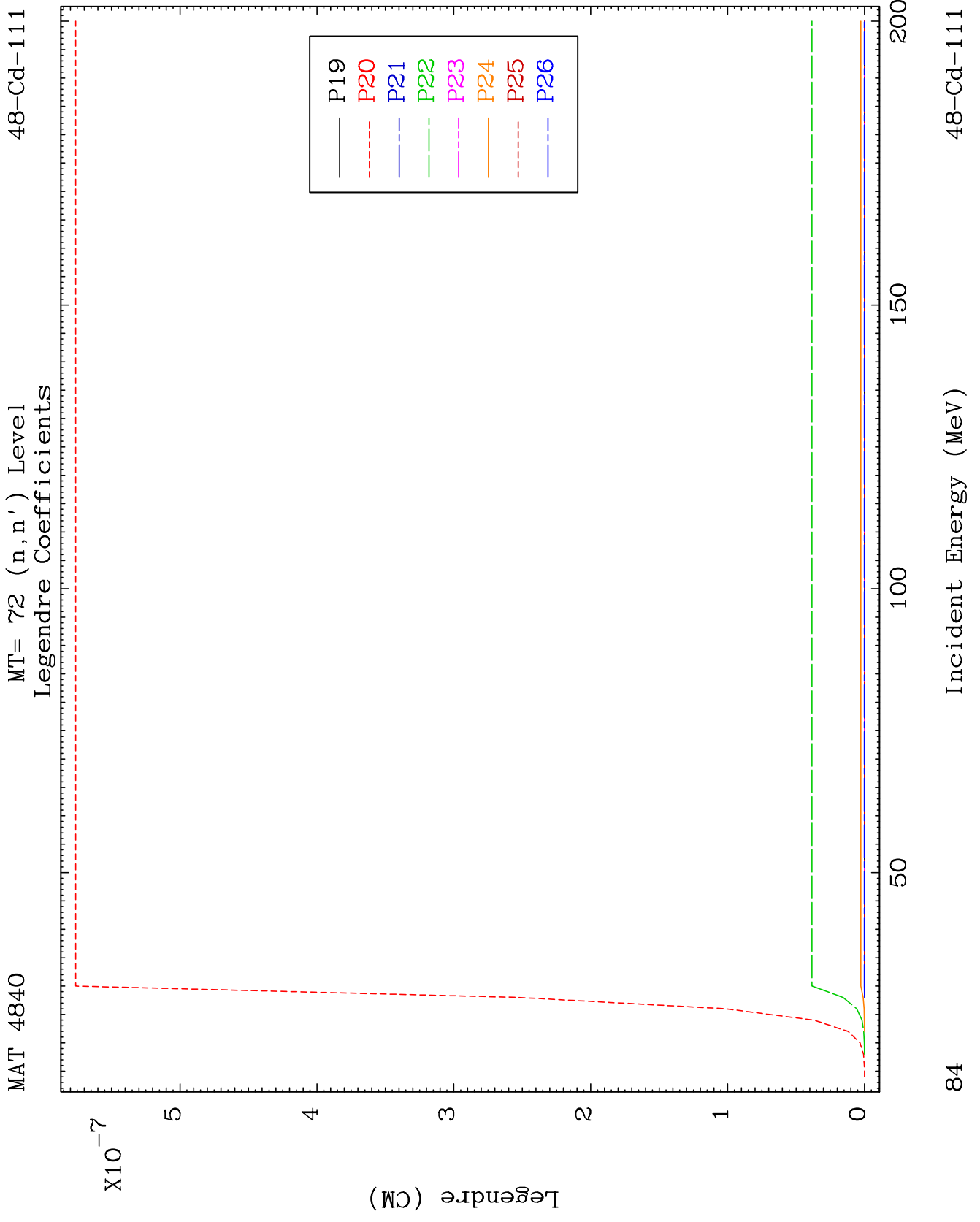


82

Incident Energy (MeV)

48-Cd-111



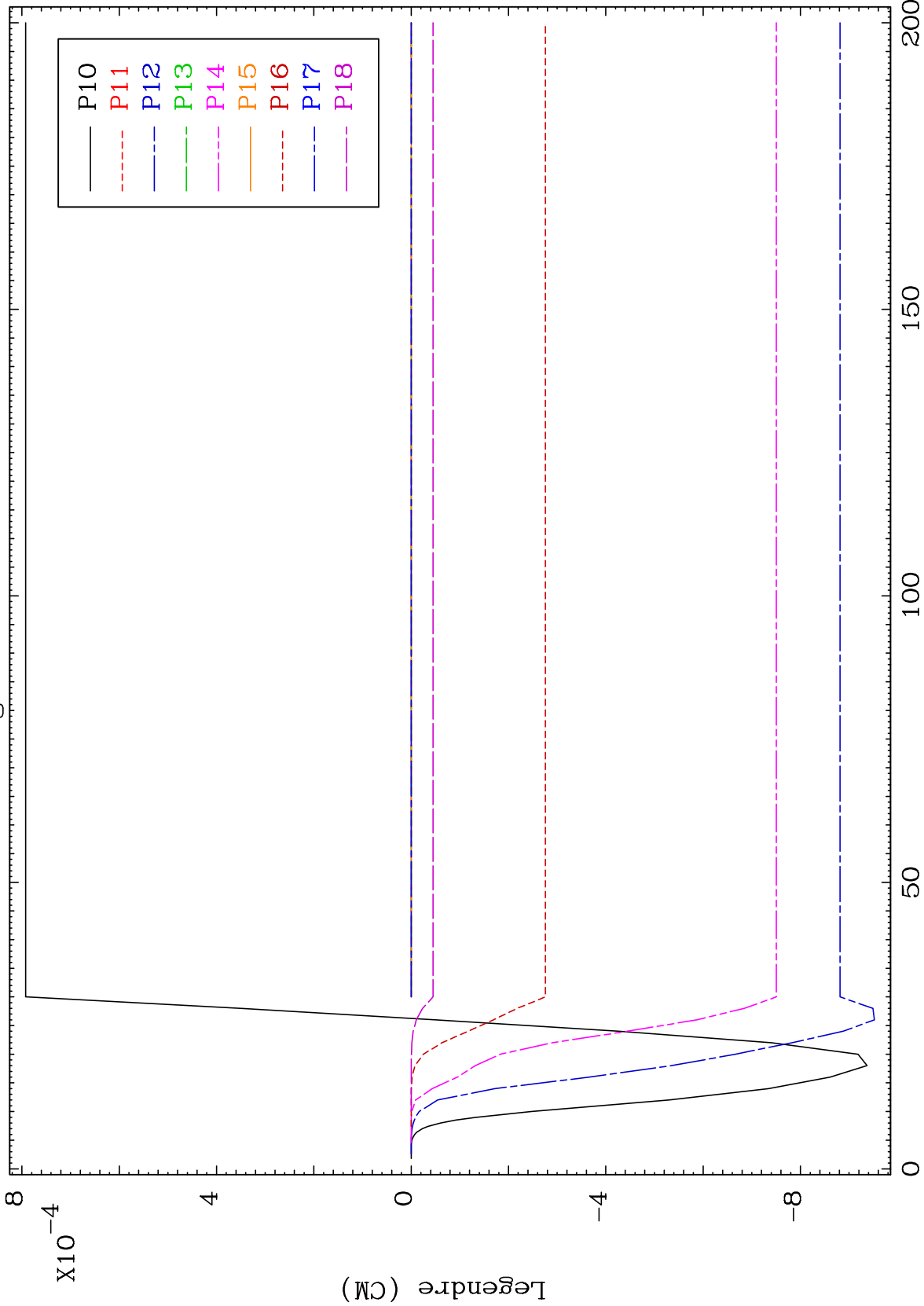




MAT 4840

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

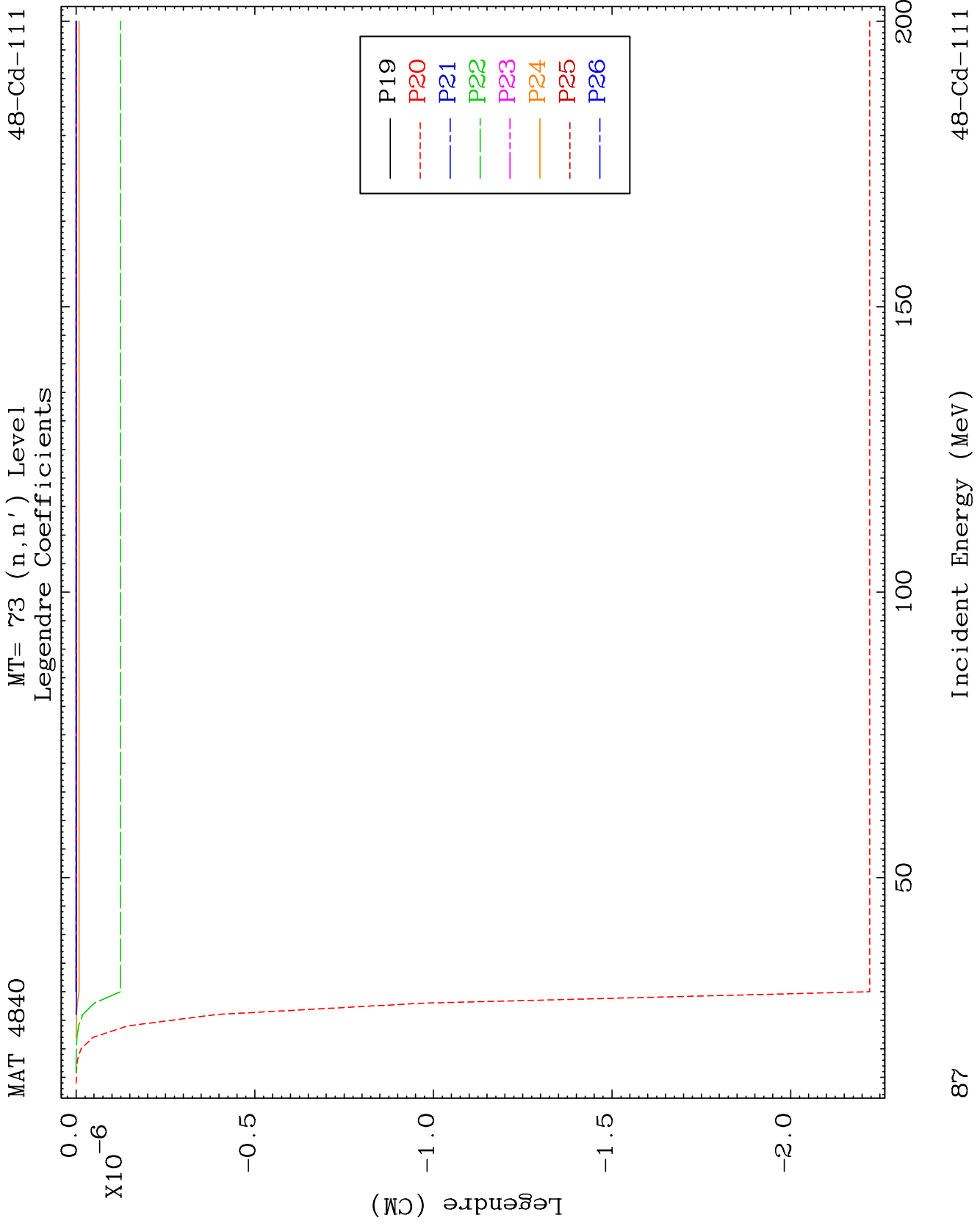
48-Cd-111



86

Incident Energy (MeV)

48-Cd-111

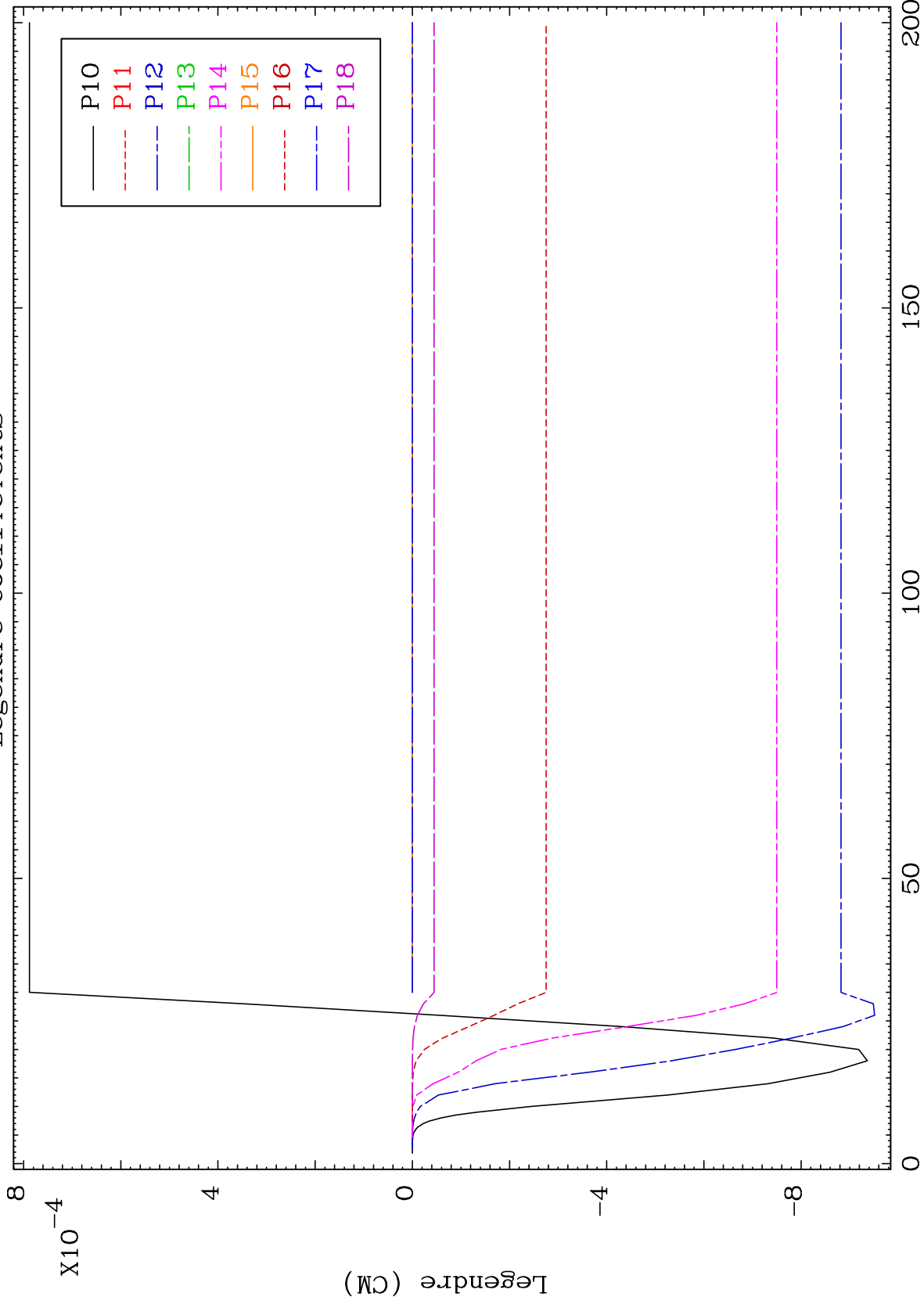




MAT 4840

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

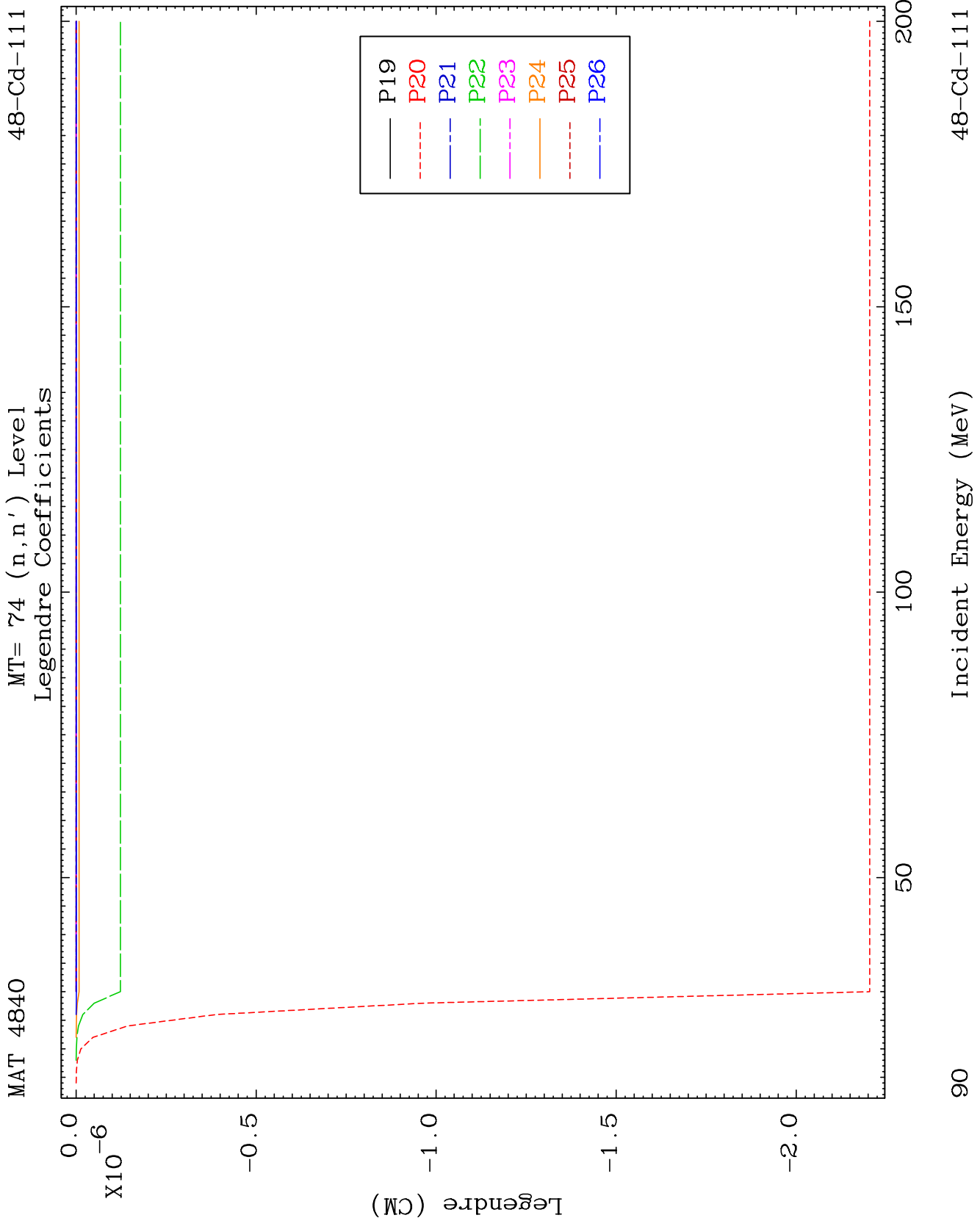
48-Cd-111



89

Incident Energy (MeV)

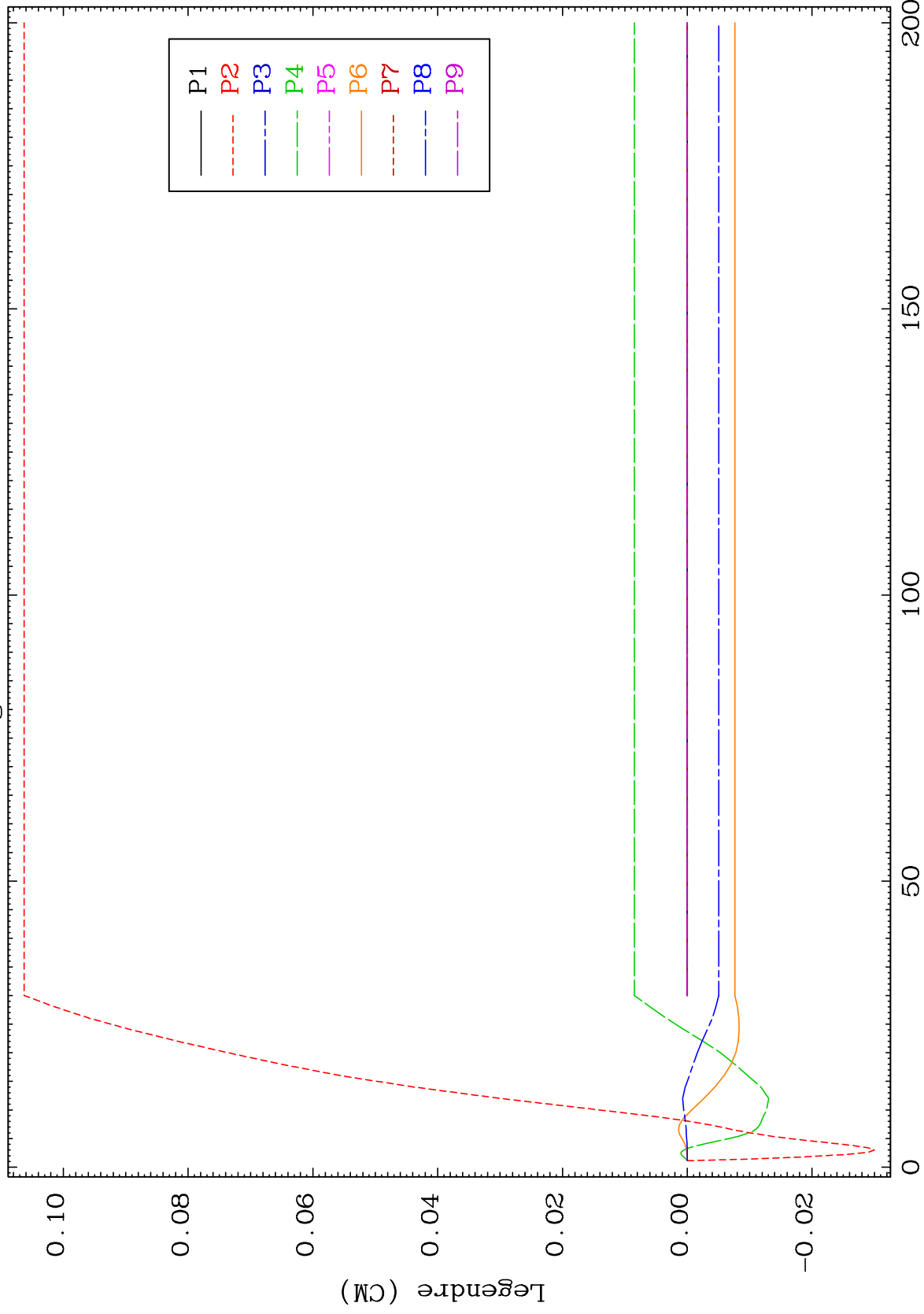
48-Cd-111



MAT 4840

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

48-Cd-111



91

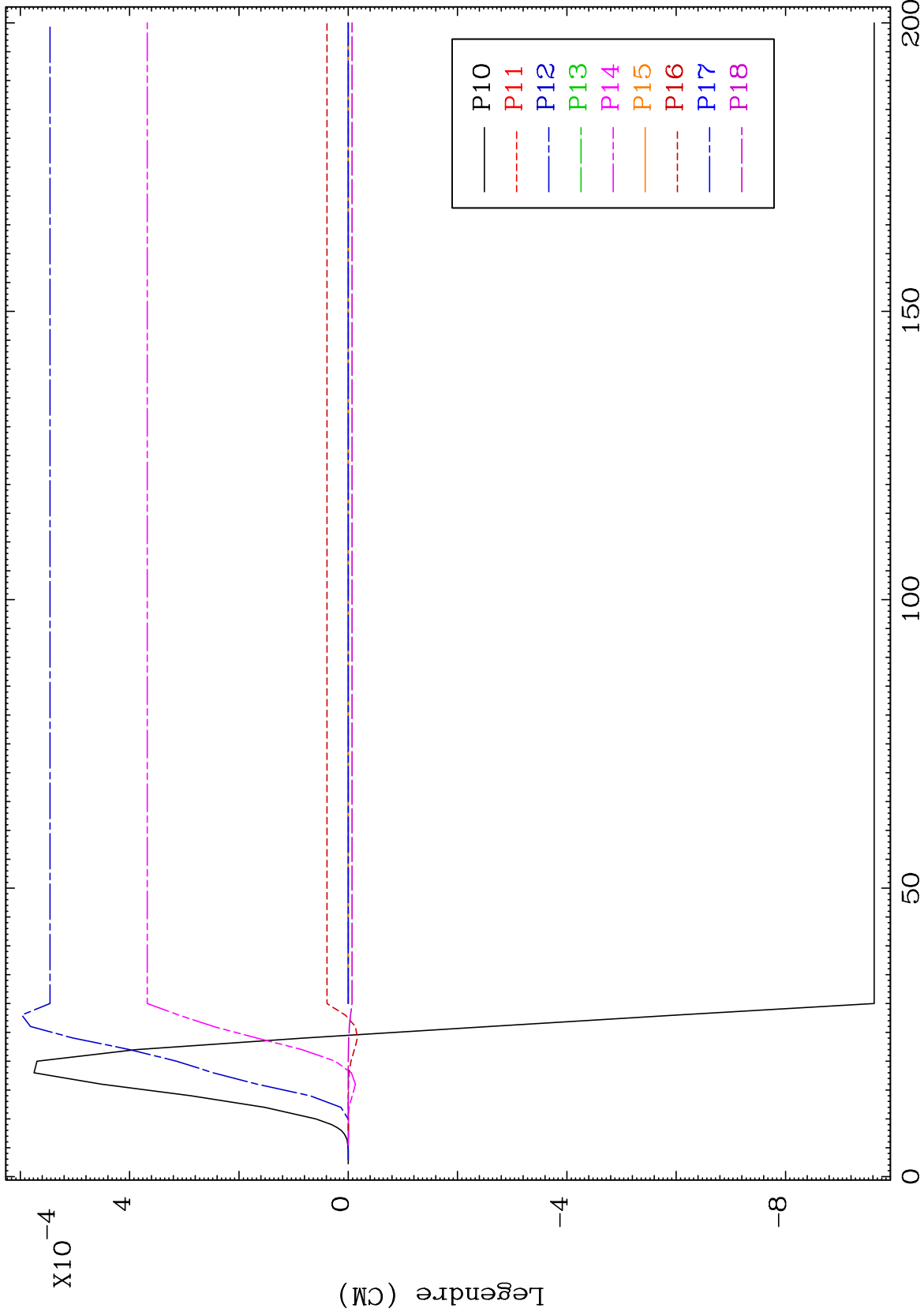
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

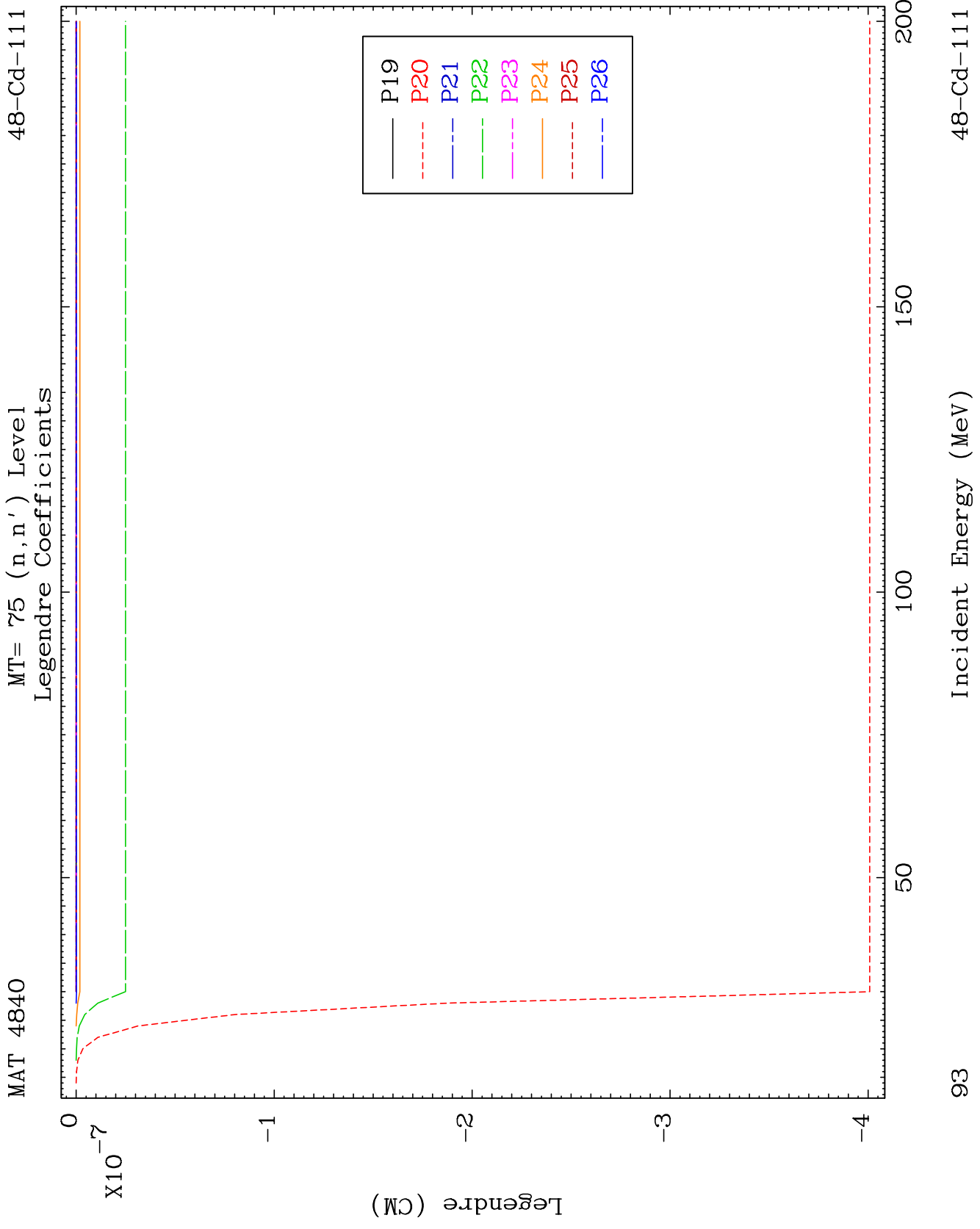
48-Cd-111



92

Incident Energy (MeV)

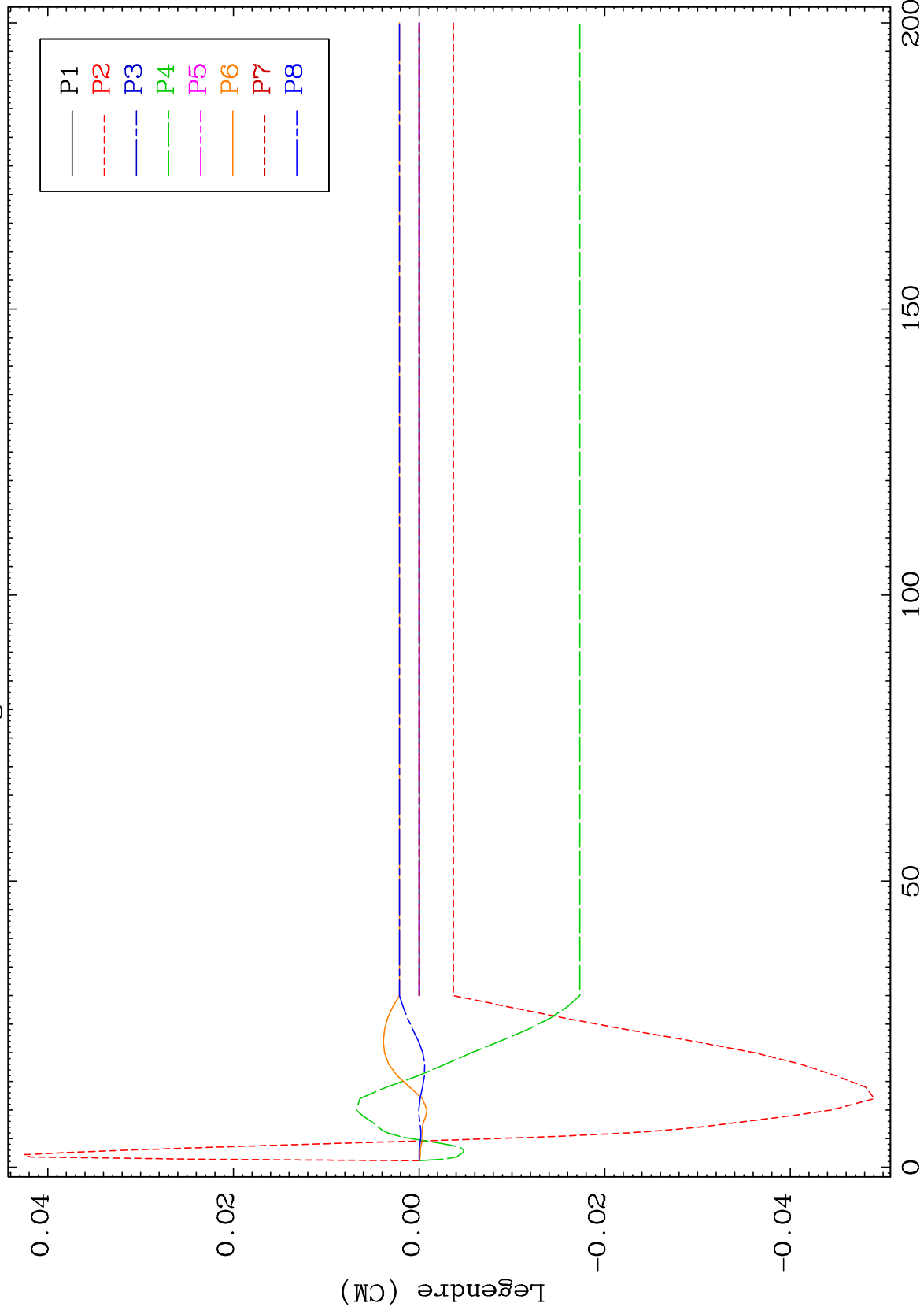
48-Cd-111



MAT 4840

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

48-Cd-111



94

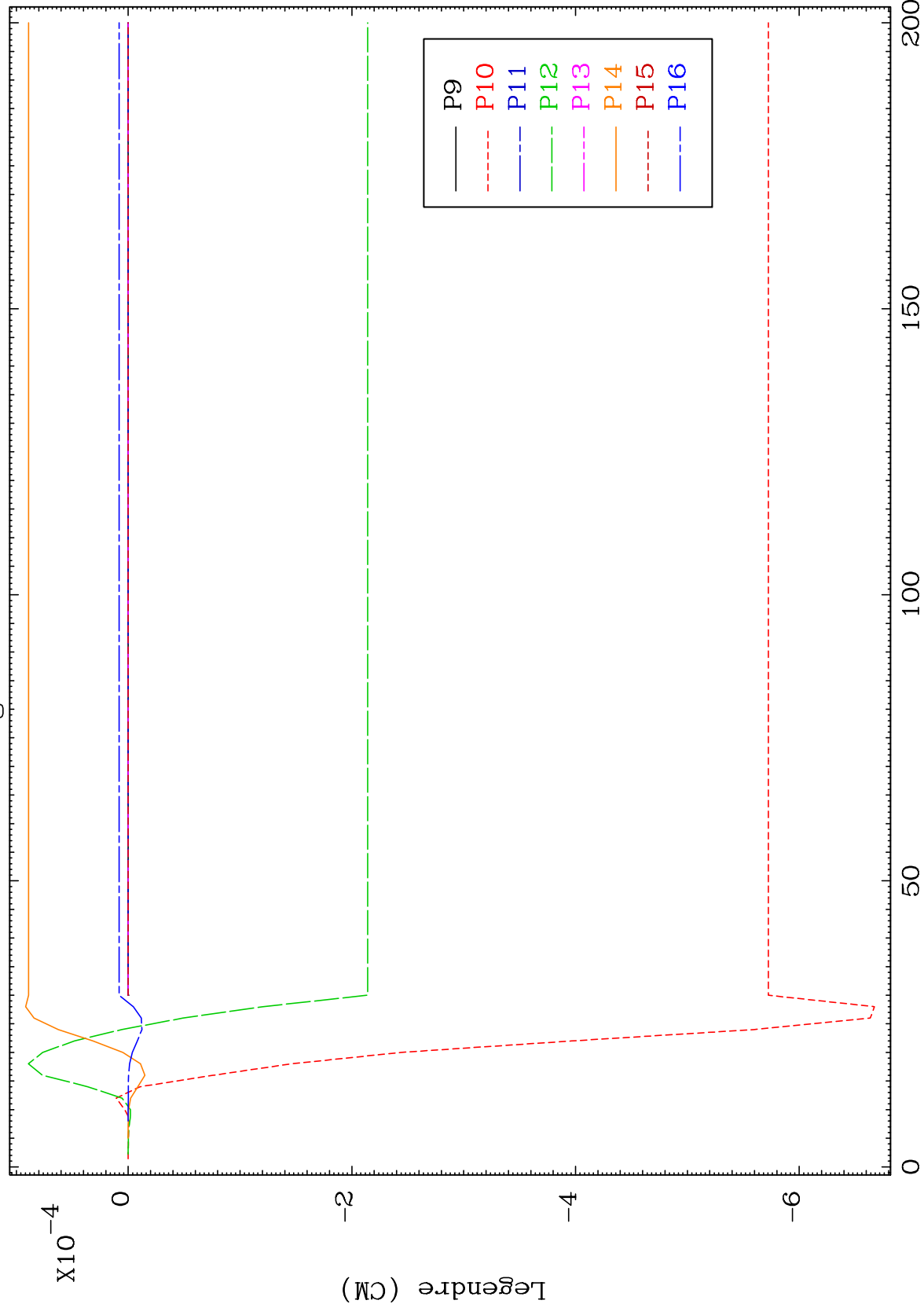
Incident Energy (MeV)

48-Cd-111

MAT 4840

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

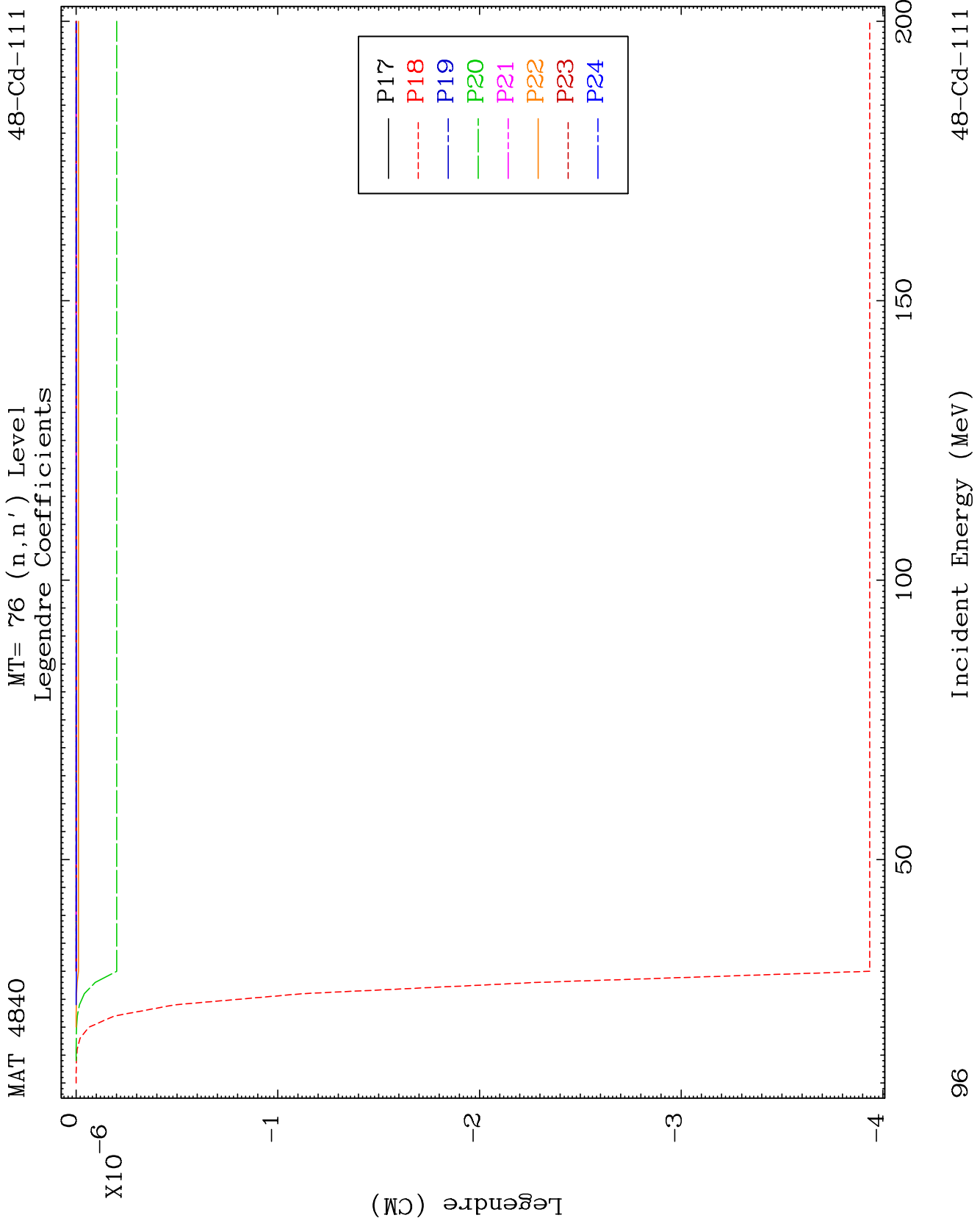
48-Cd-111



95

Incident Energy (MeV)

48-Cd-111

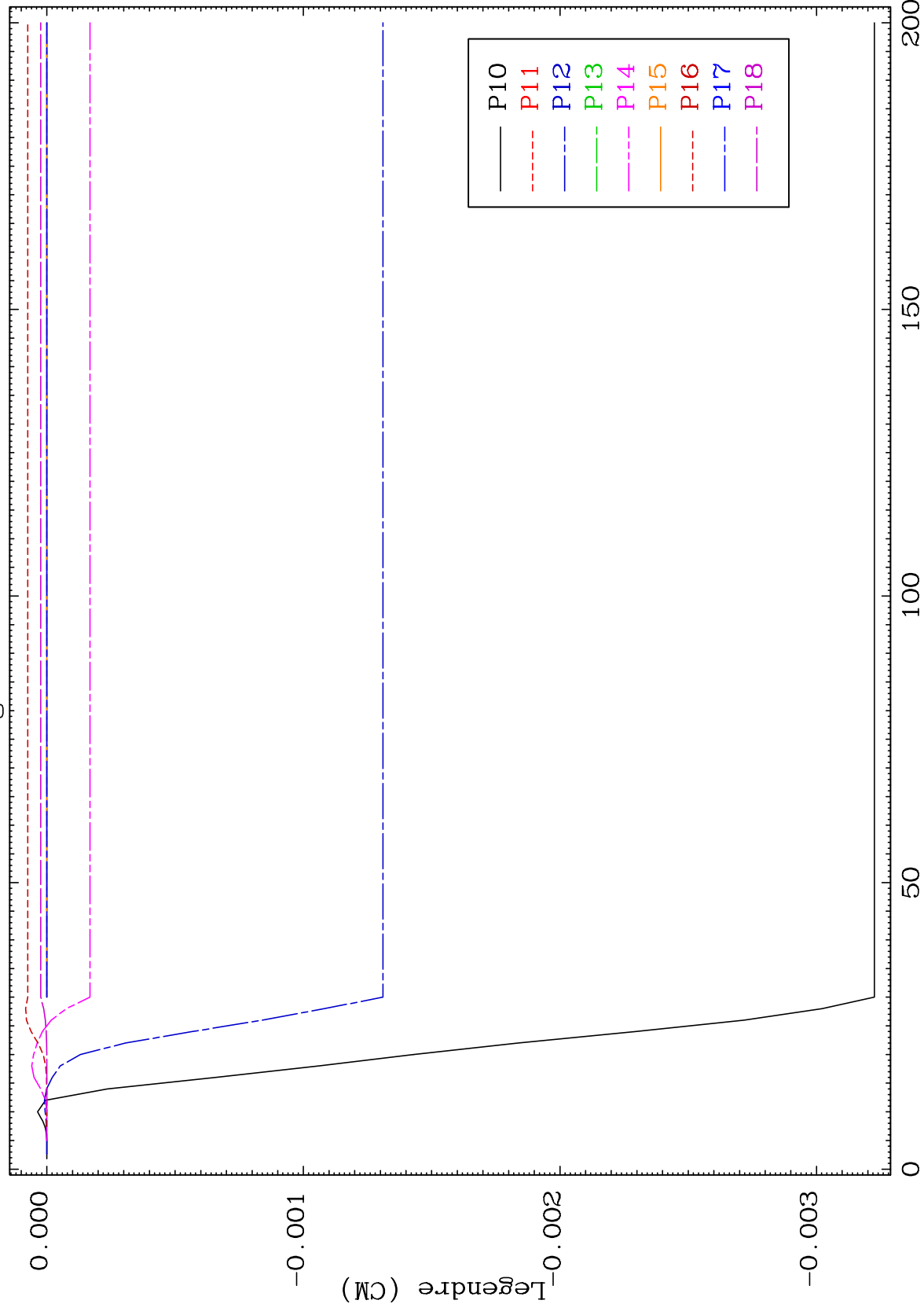




MAT 4840

MT= 77 (n,n') Level  
Legendre Coefficients

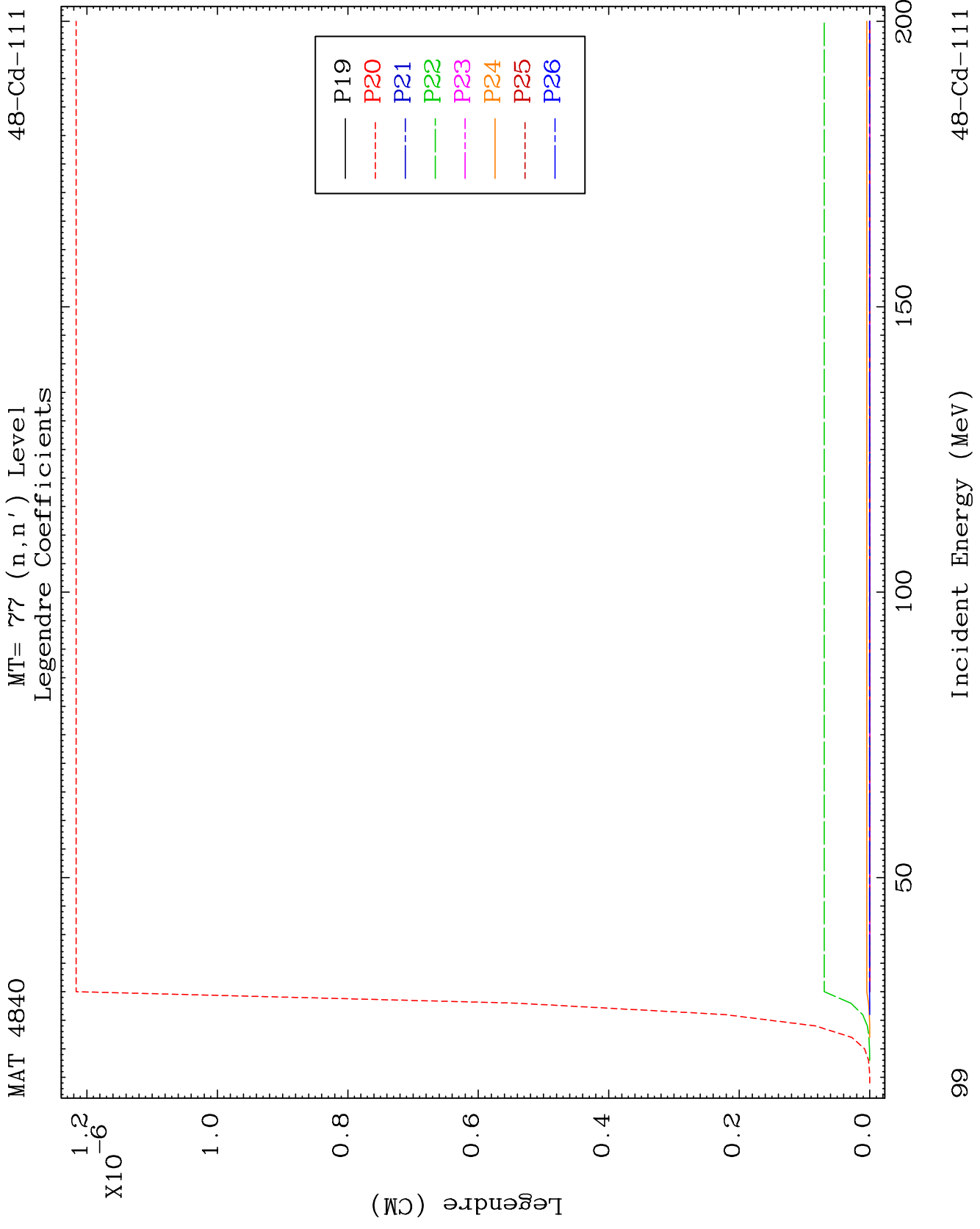
48-Cd-111

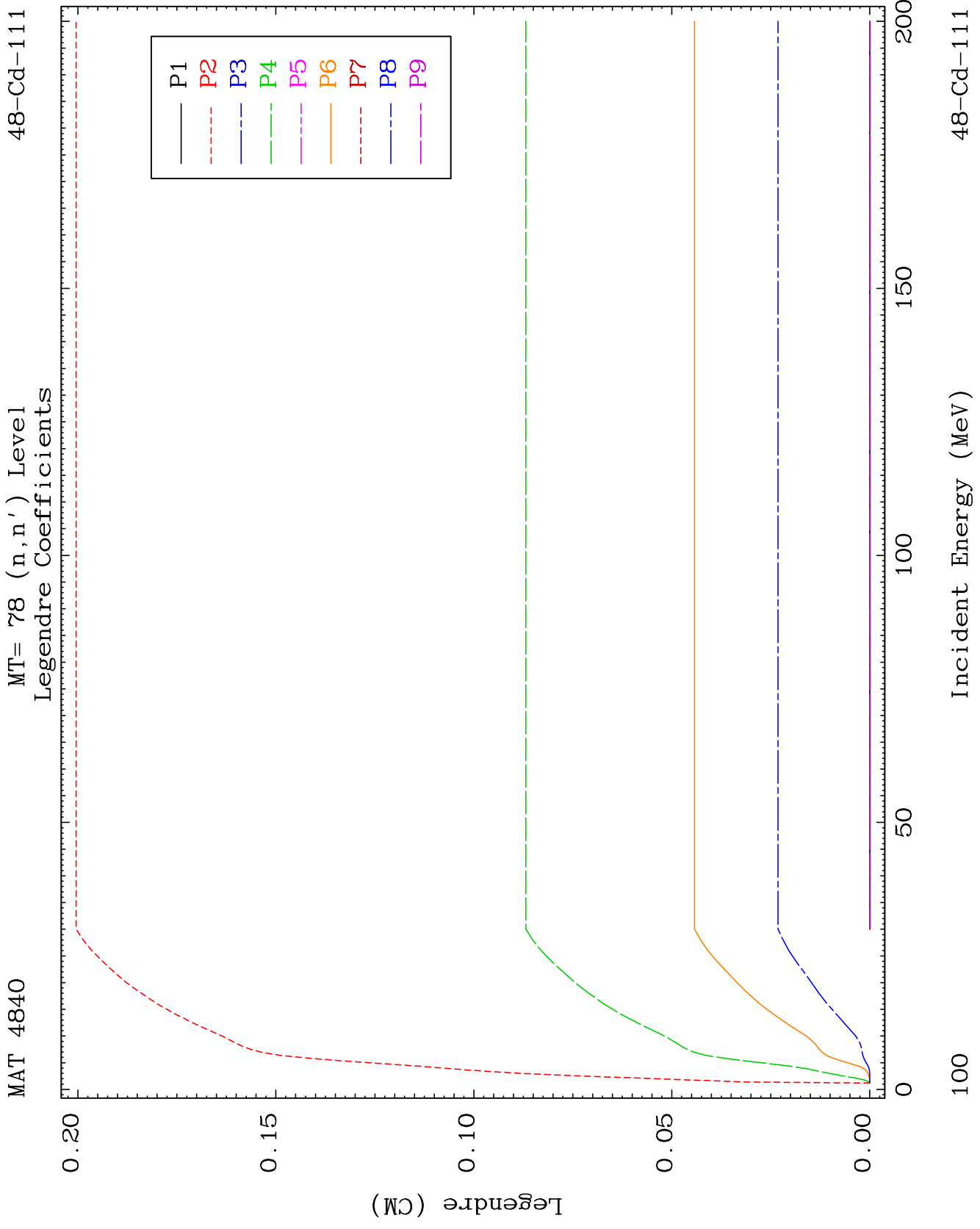


98

Incident Energy (MeV)

48-Cd-111

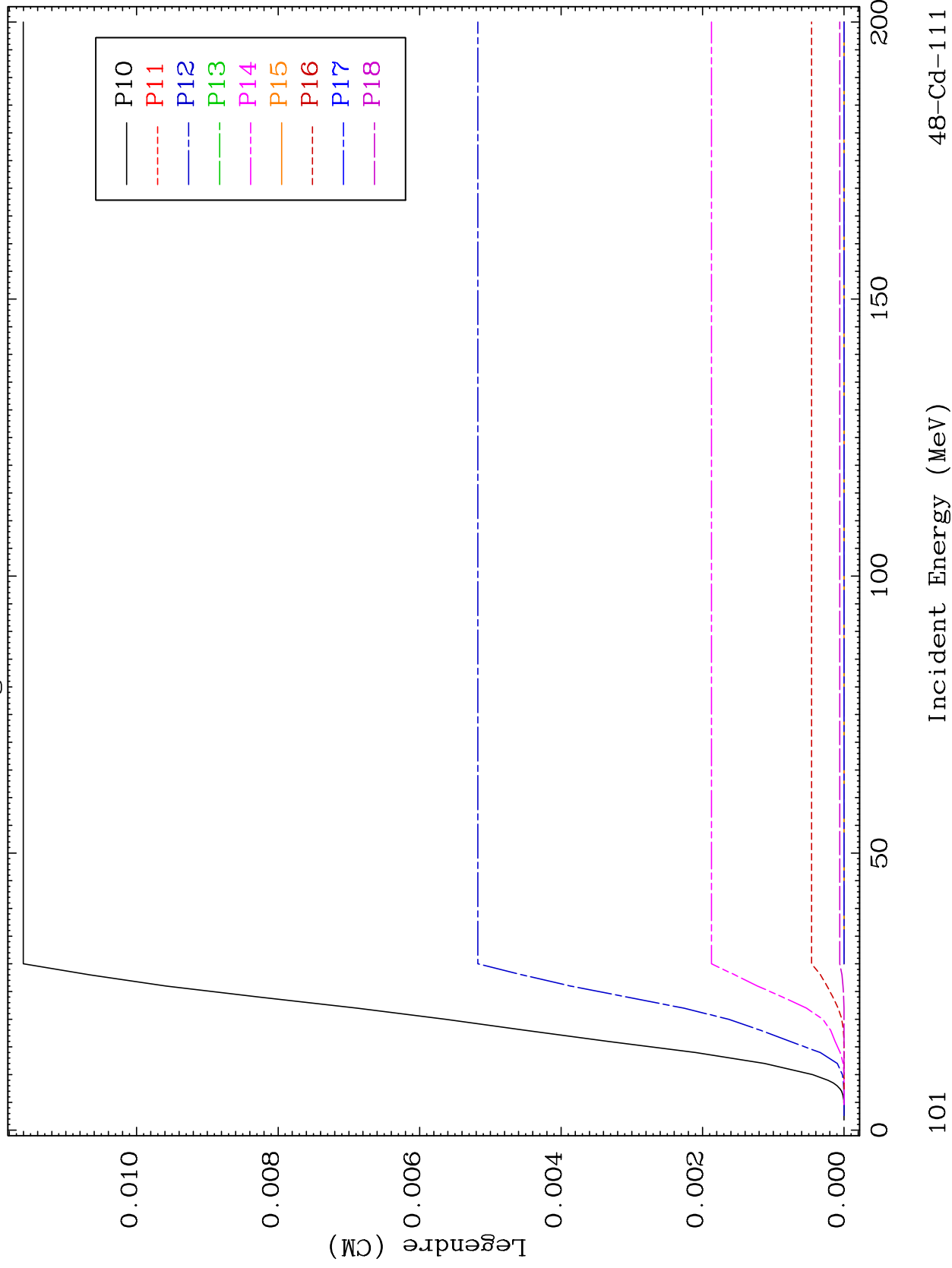


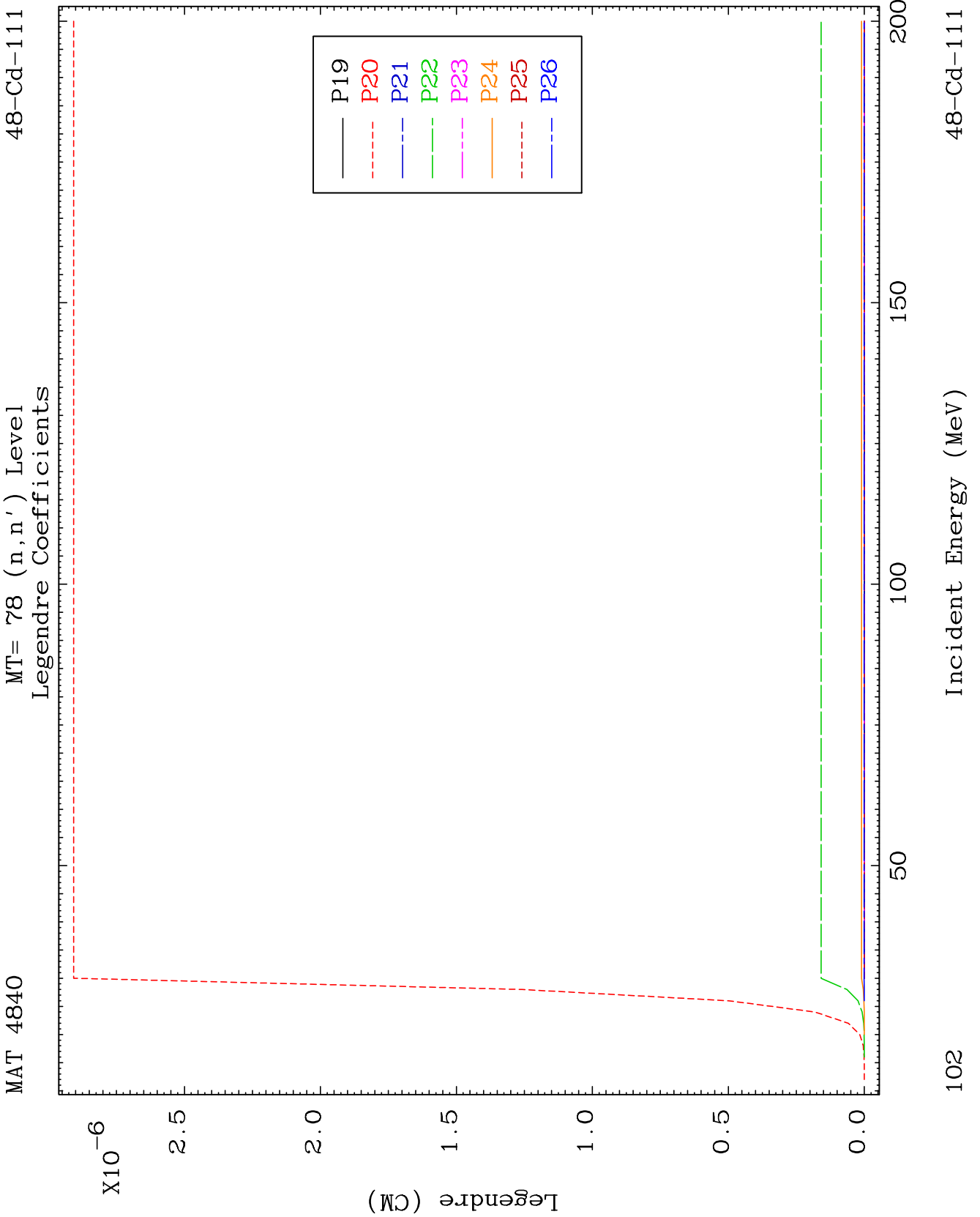


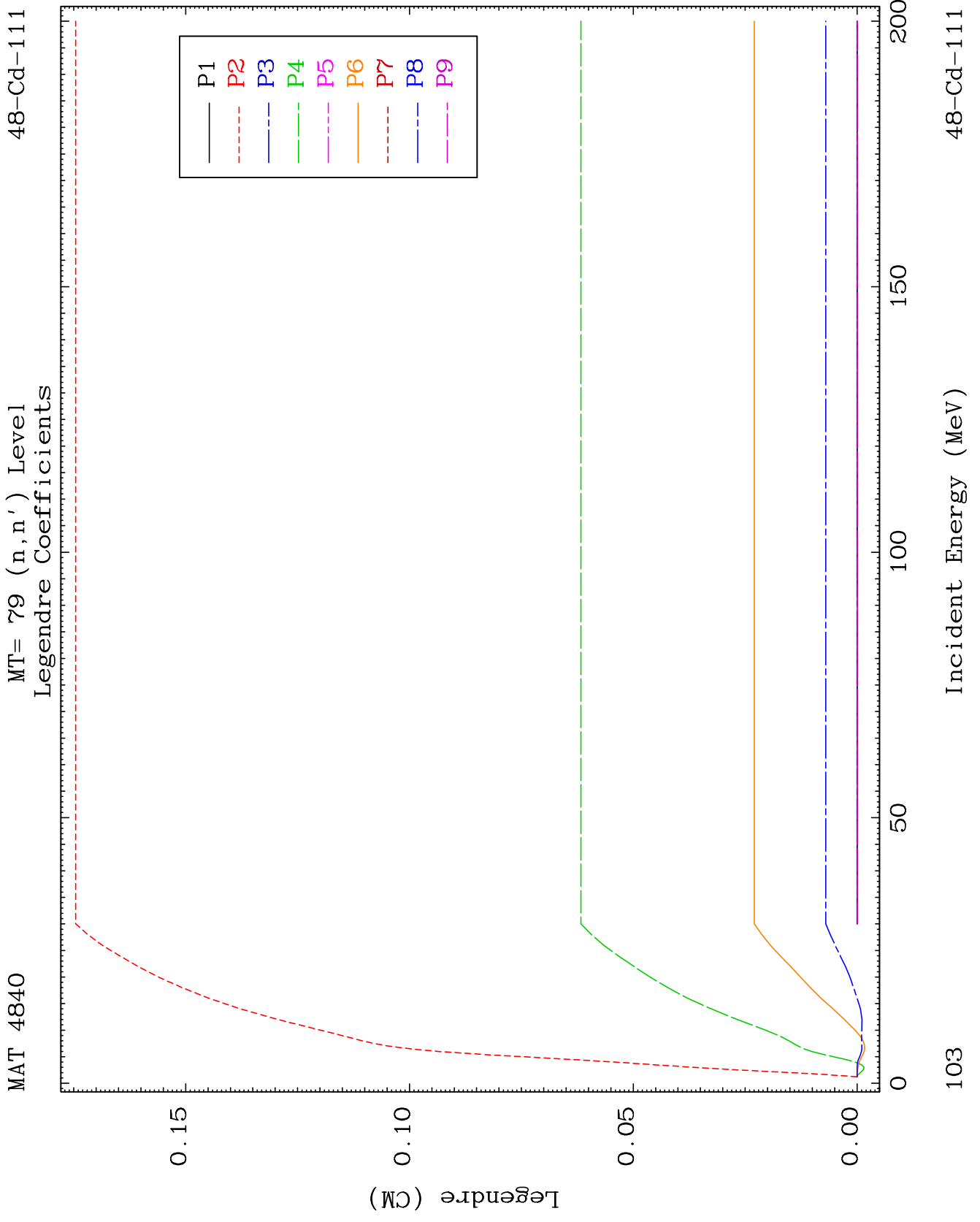
MAT 4840

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

48-Cd-111



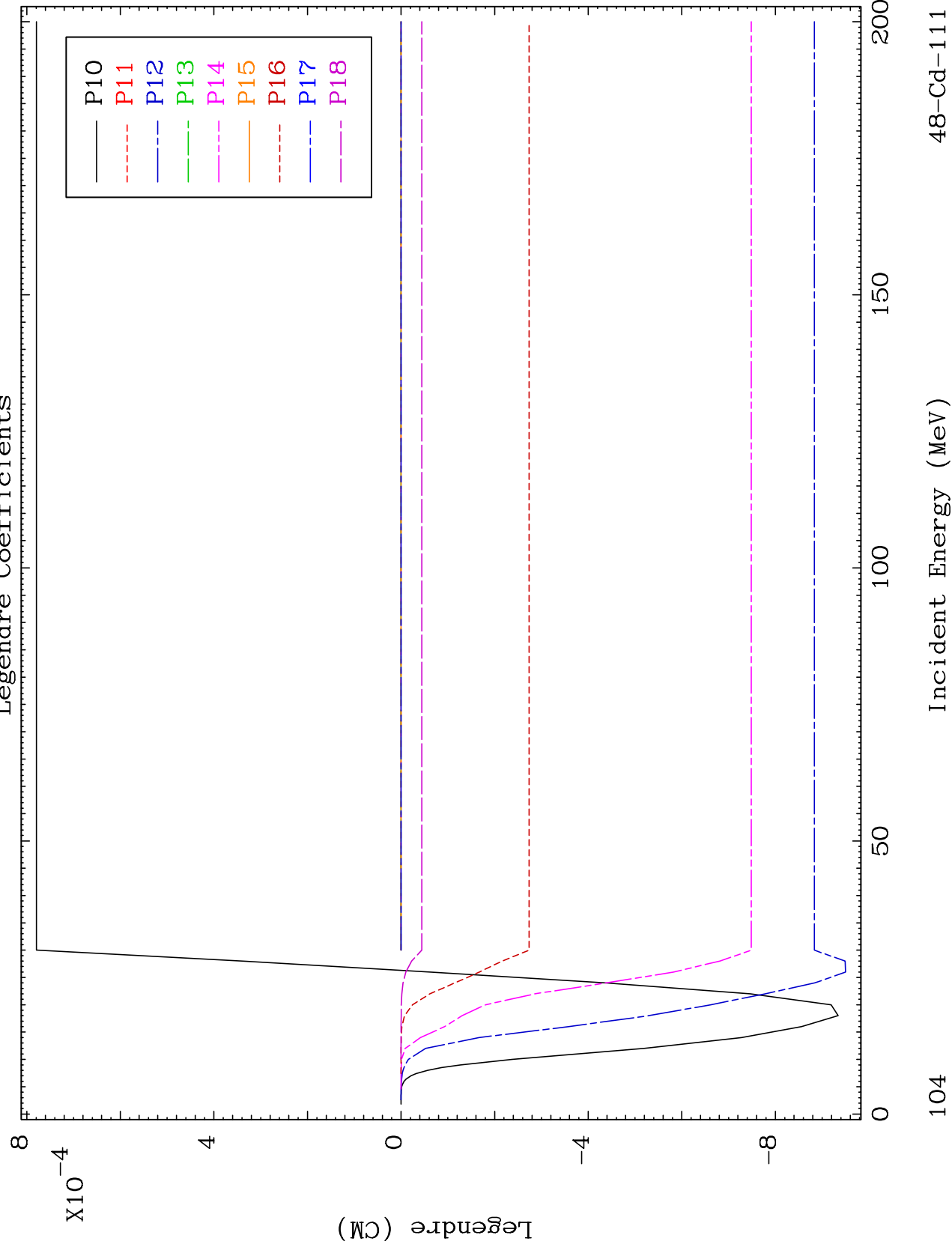




MAT 4840

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

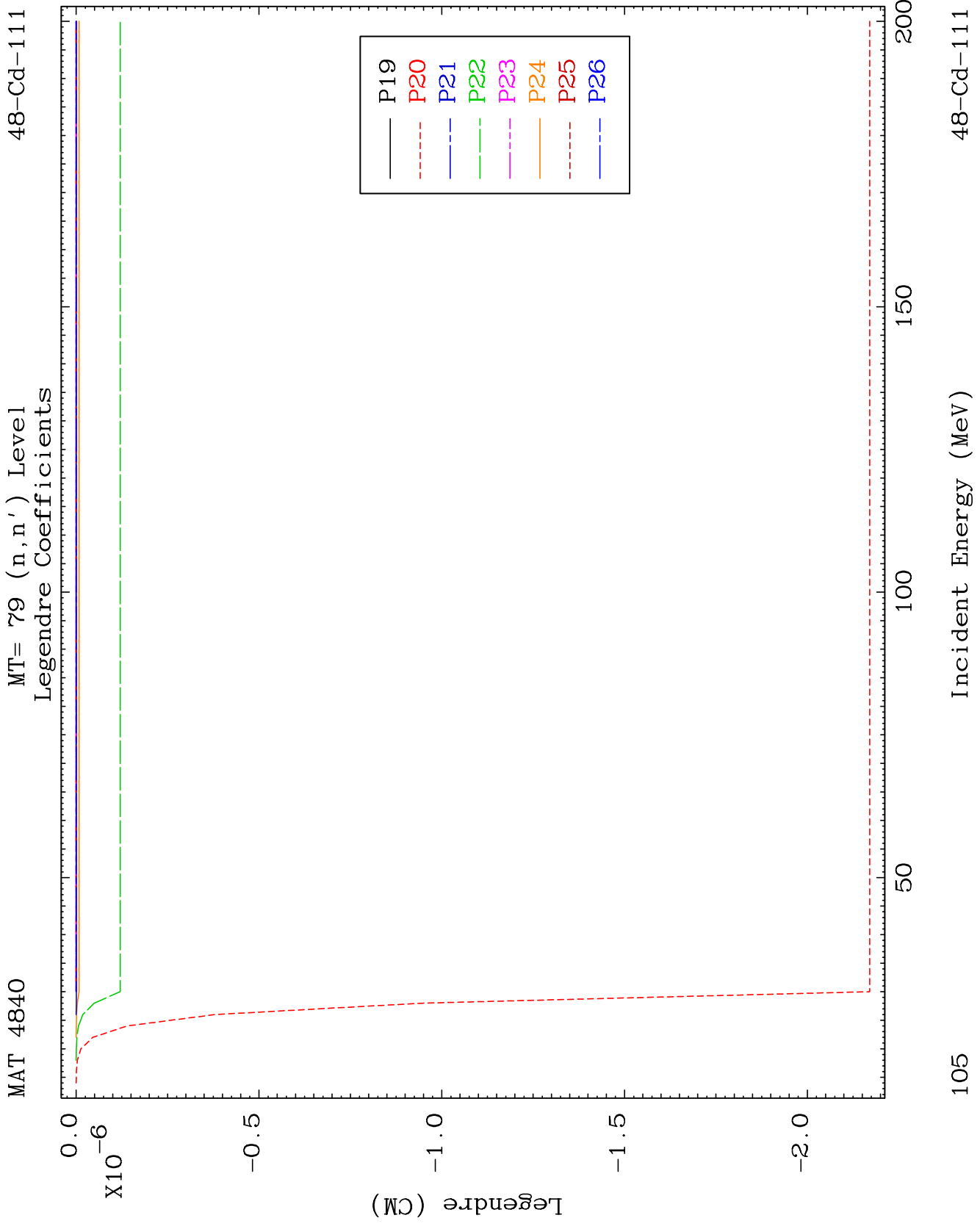
48-Cd-111



104

Incident Energy (MeV)

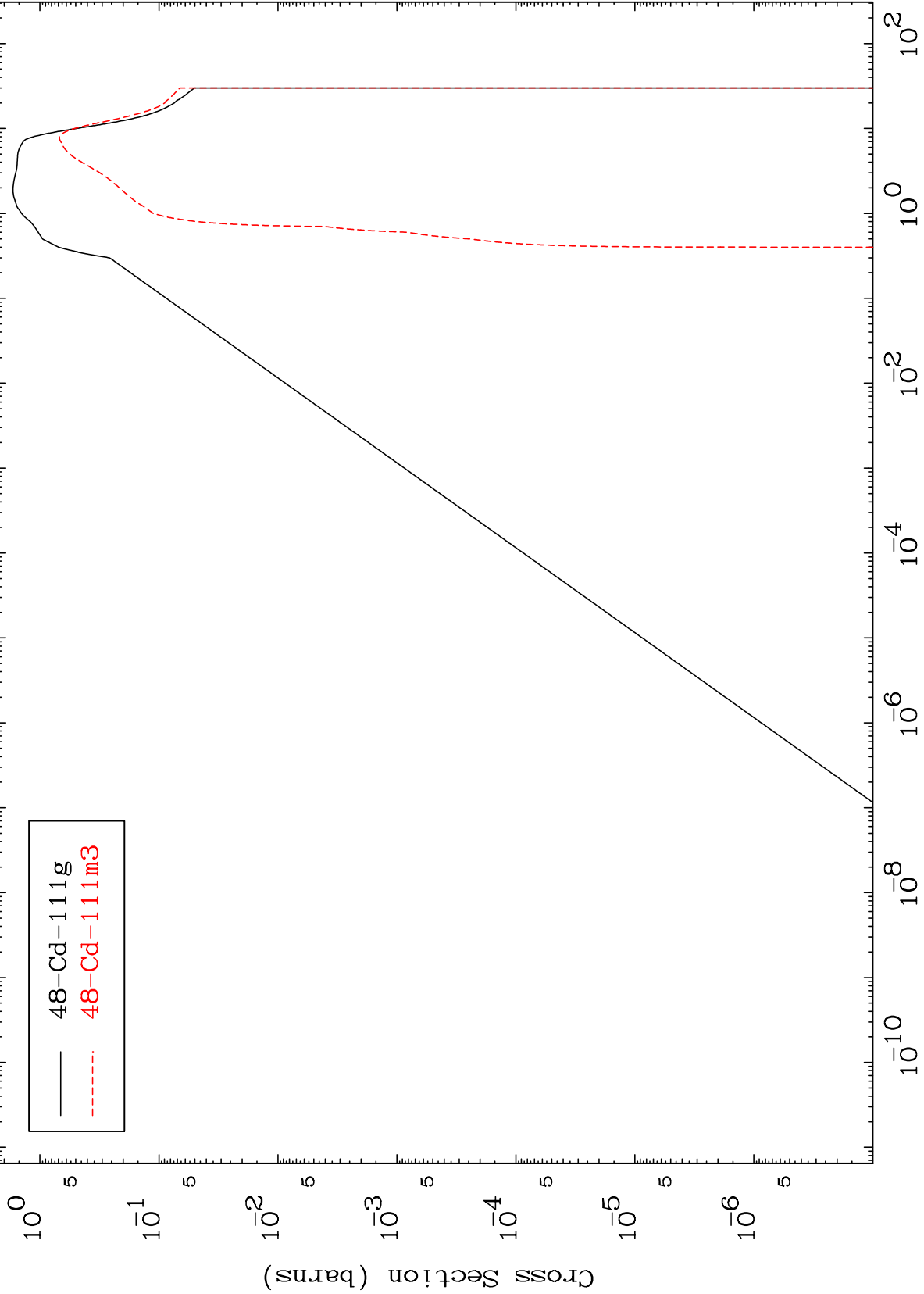
48-Cd-111



MAT 4840

Inelastic  
Radionuclide Production Cross Section

48-Cd-111



48-Cd-111g  
48-Cd-111m3

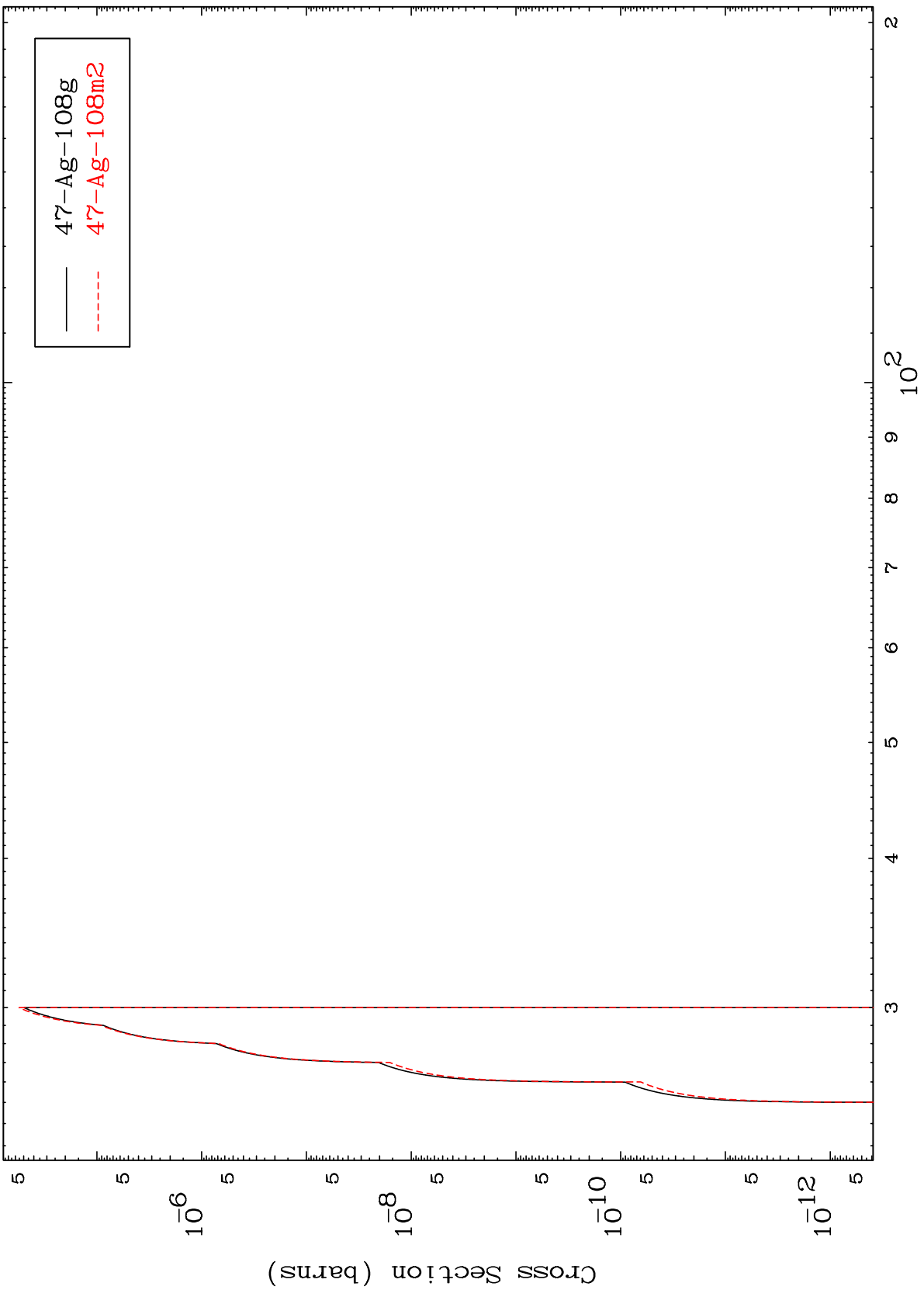
48-Cd-111

MAT 4840

(n,2n) d

48-Cd-111

Radionuclide Production Cross Section



107

Incident Energy (MeV)

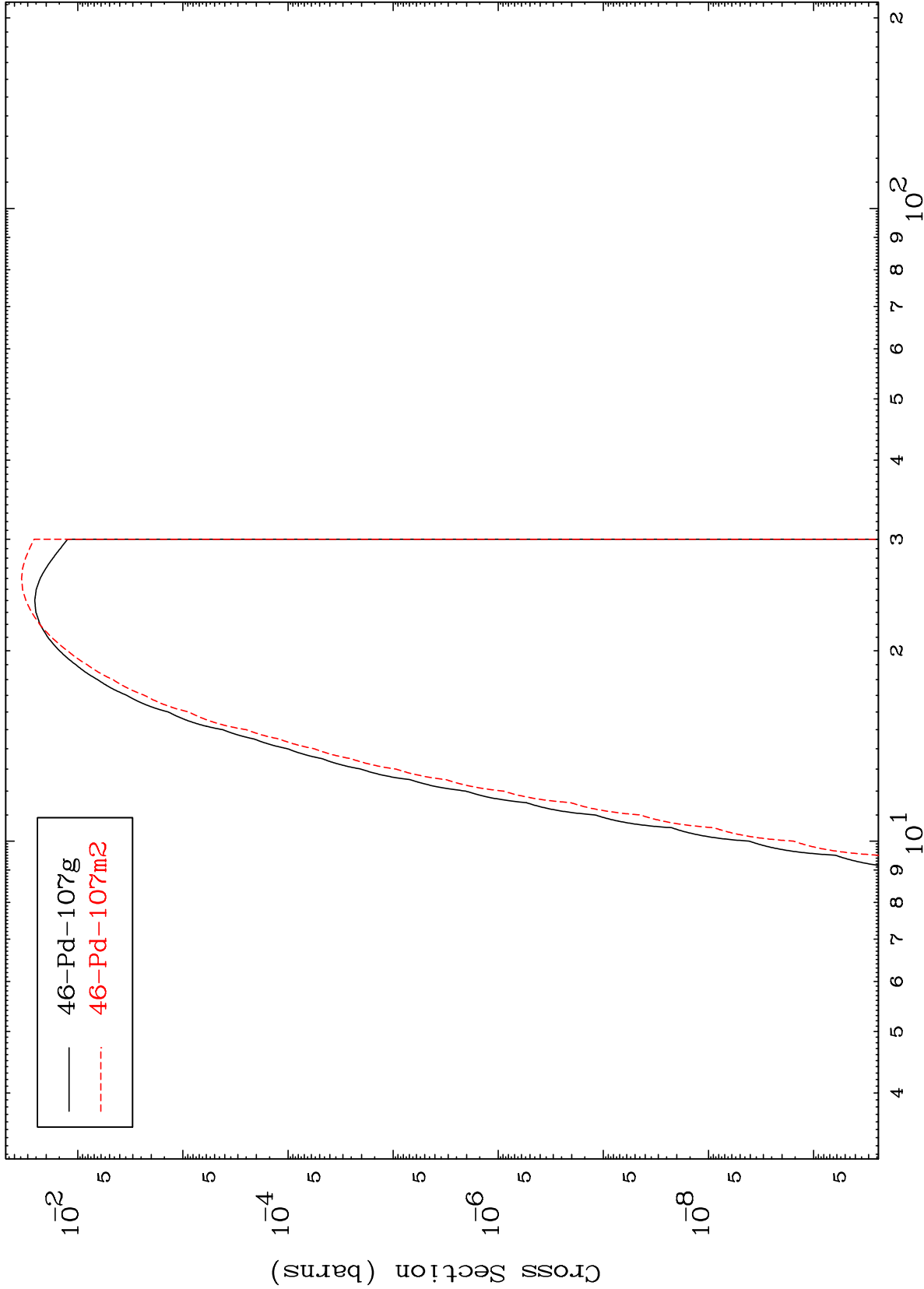
48-Cd-111

MAT 4840

48-Cd-111

(n,n')  $\alpha$

Radionuclide Production Cross Section



— 46-Pd-107g  
- - - 46-Pd-107m2

108

Incident Energy (MeV)

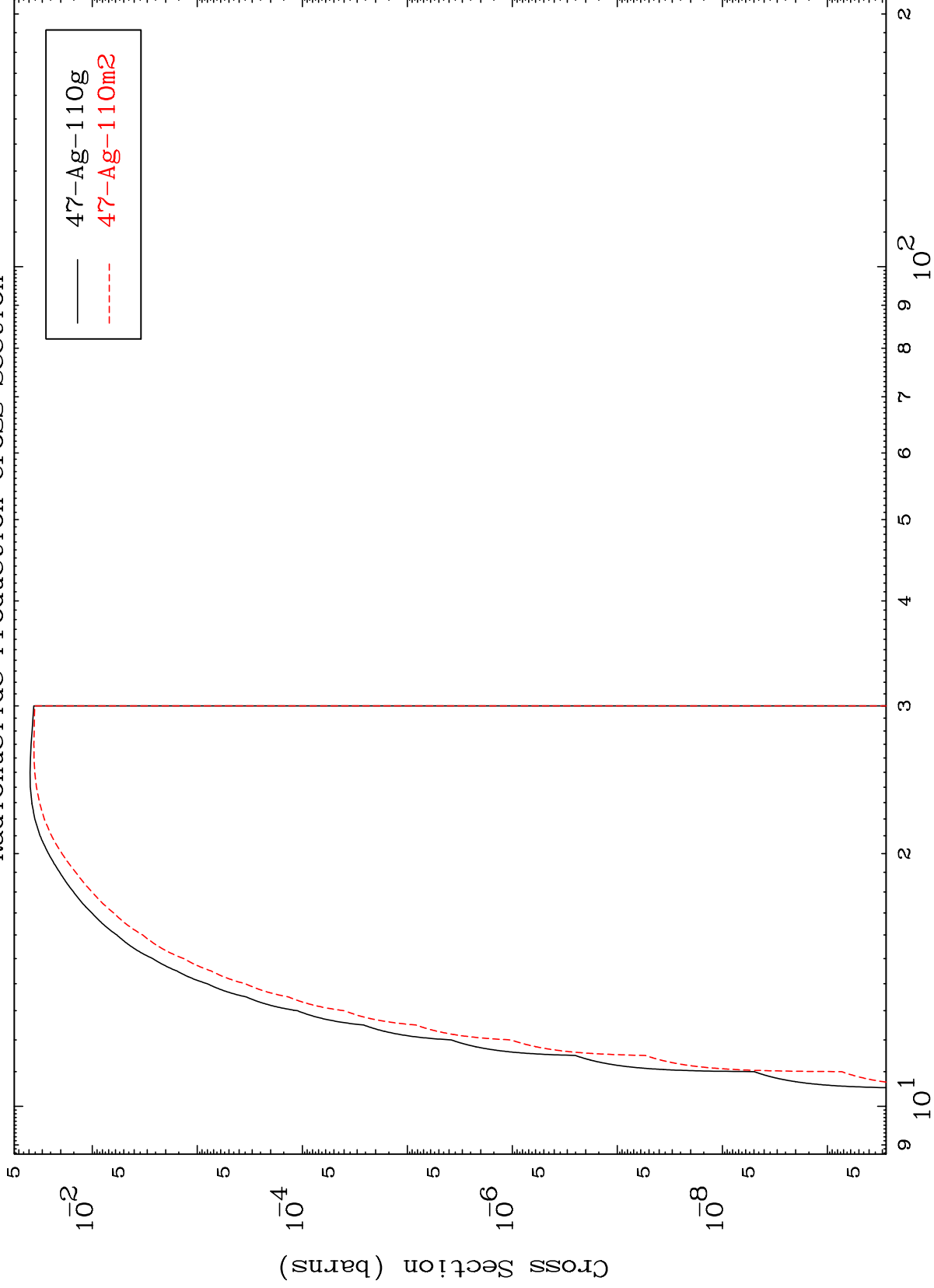
48-Cd-111

MAT 4840

(n,n') p

48-Cd-111

Radionuclide Production Cross Section



109

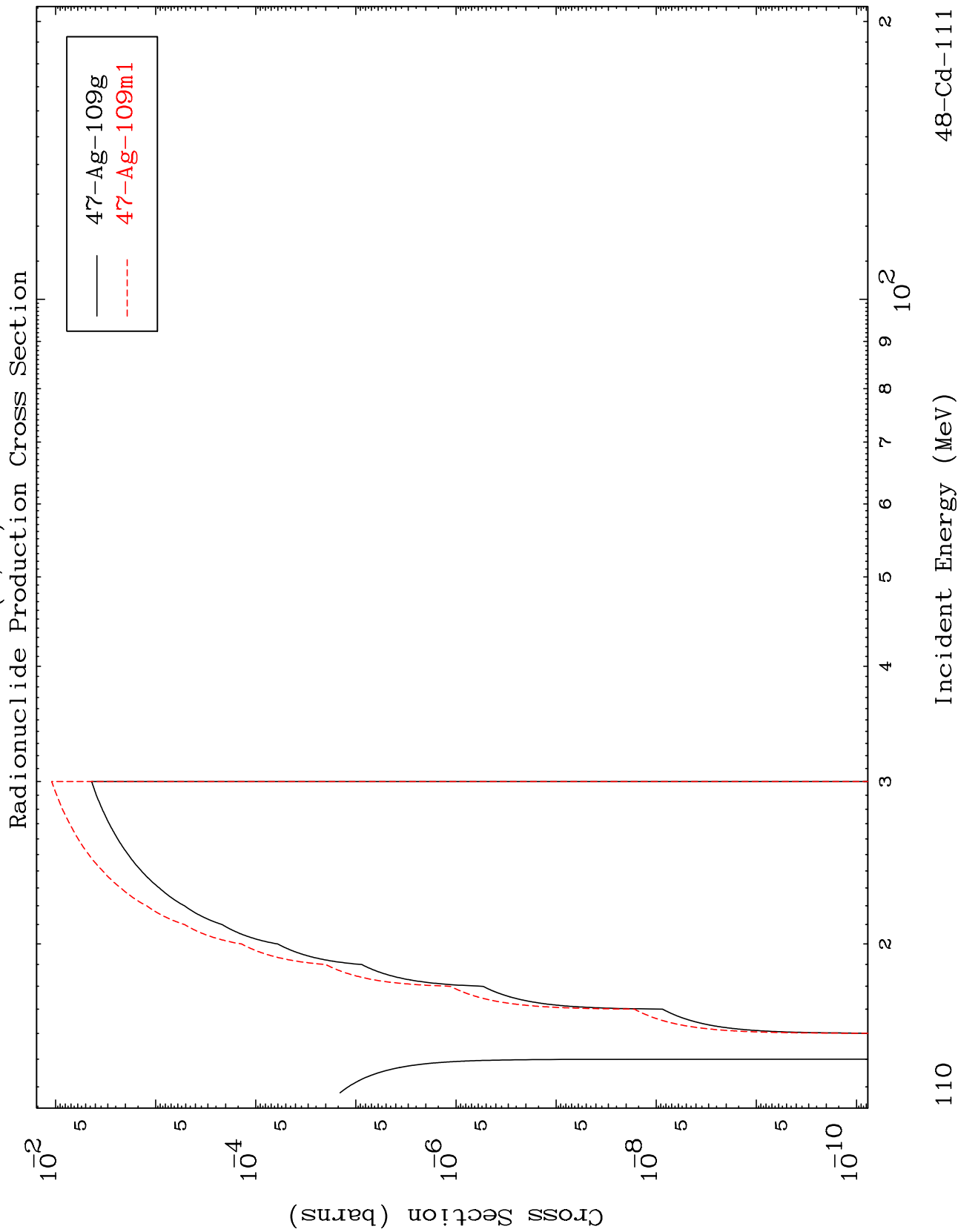
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,n') d

48-Cd-111



110

Incident Energy (MeV)

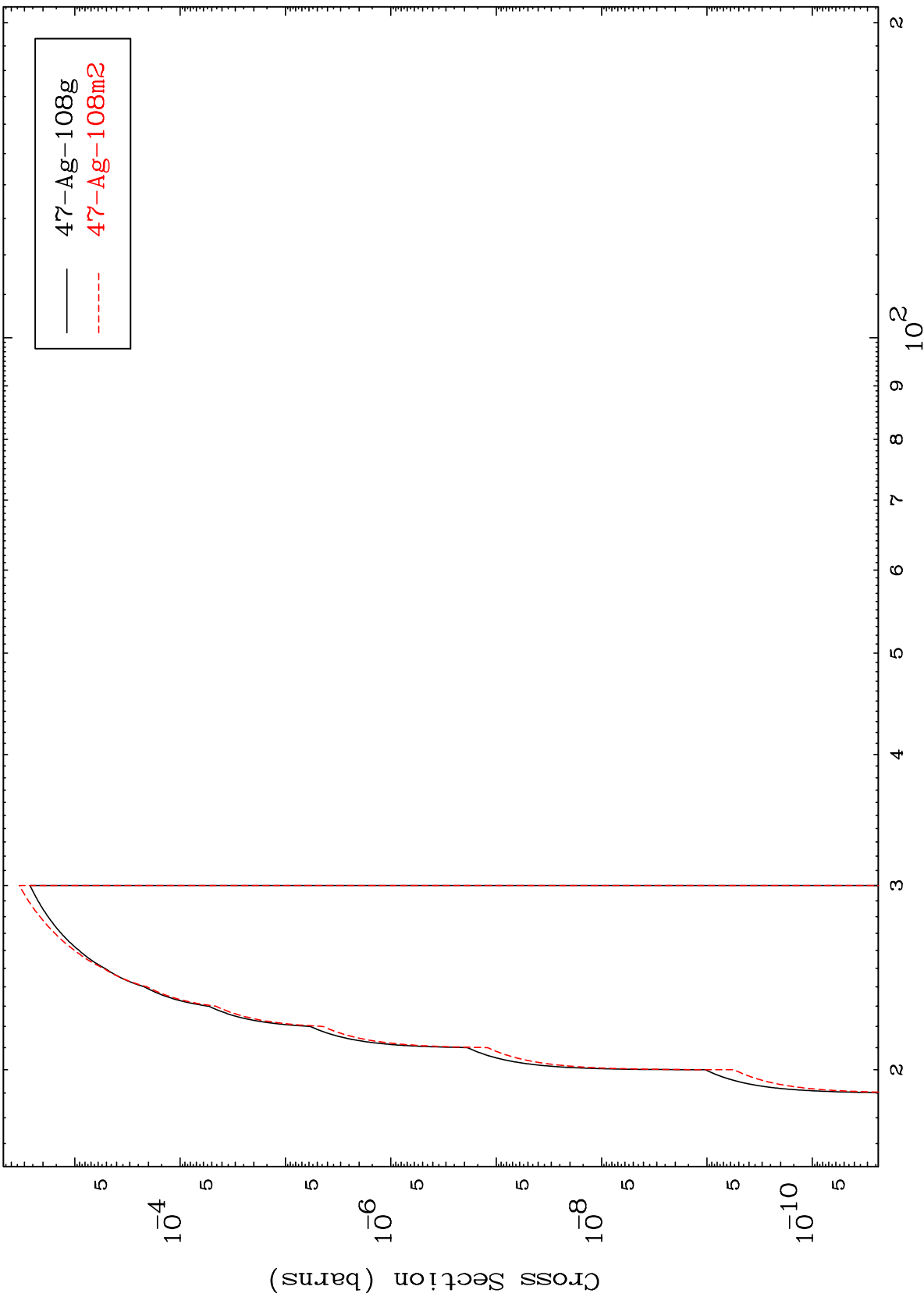
48-Cd-111

MAT 4840

(n,n') t

48-Cd-111

Radionuclide Production Cross Section

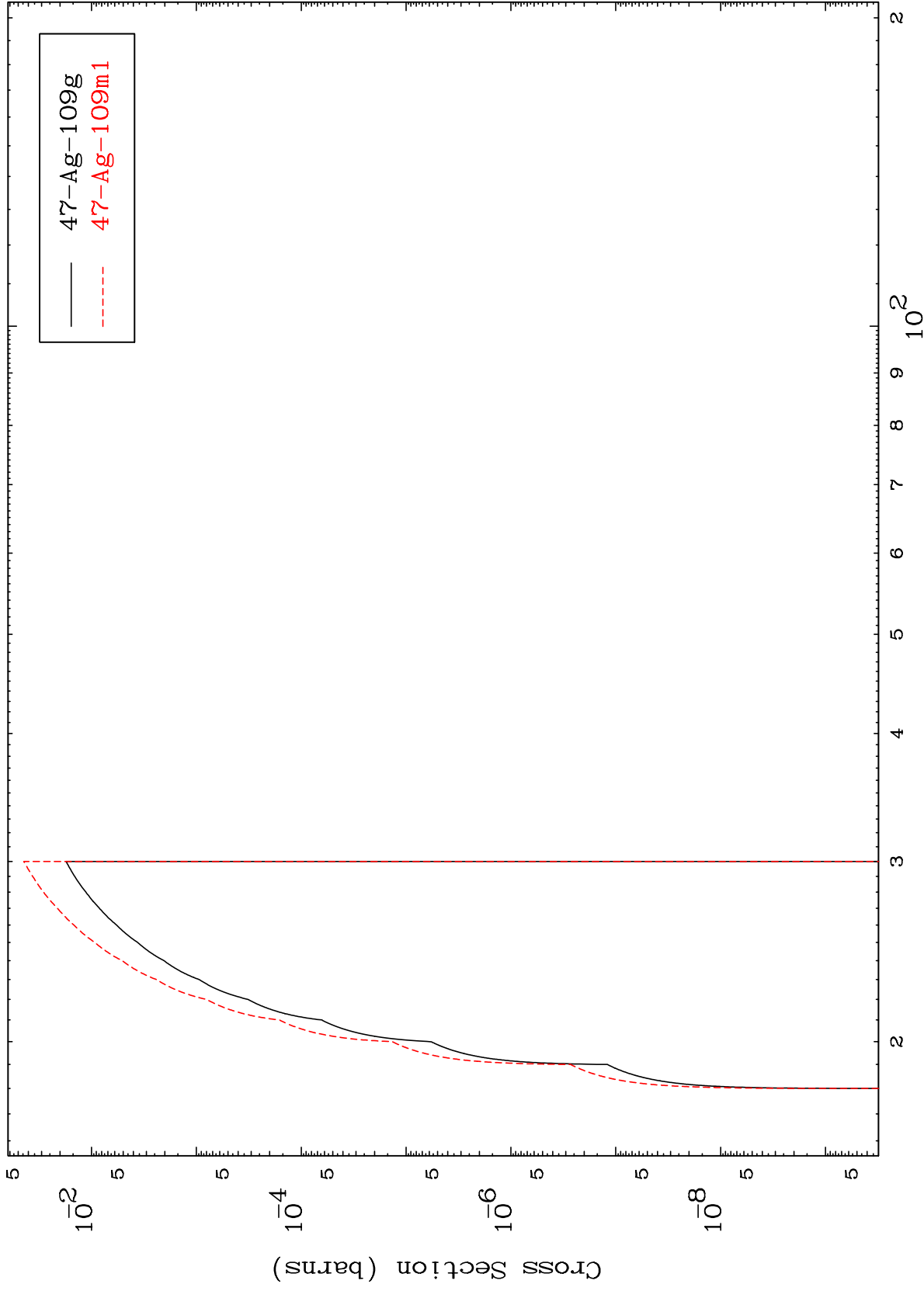


111

Incident Energy (MeV)

48-Cd-111

Radionuclide Production Cross Section

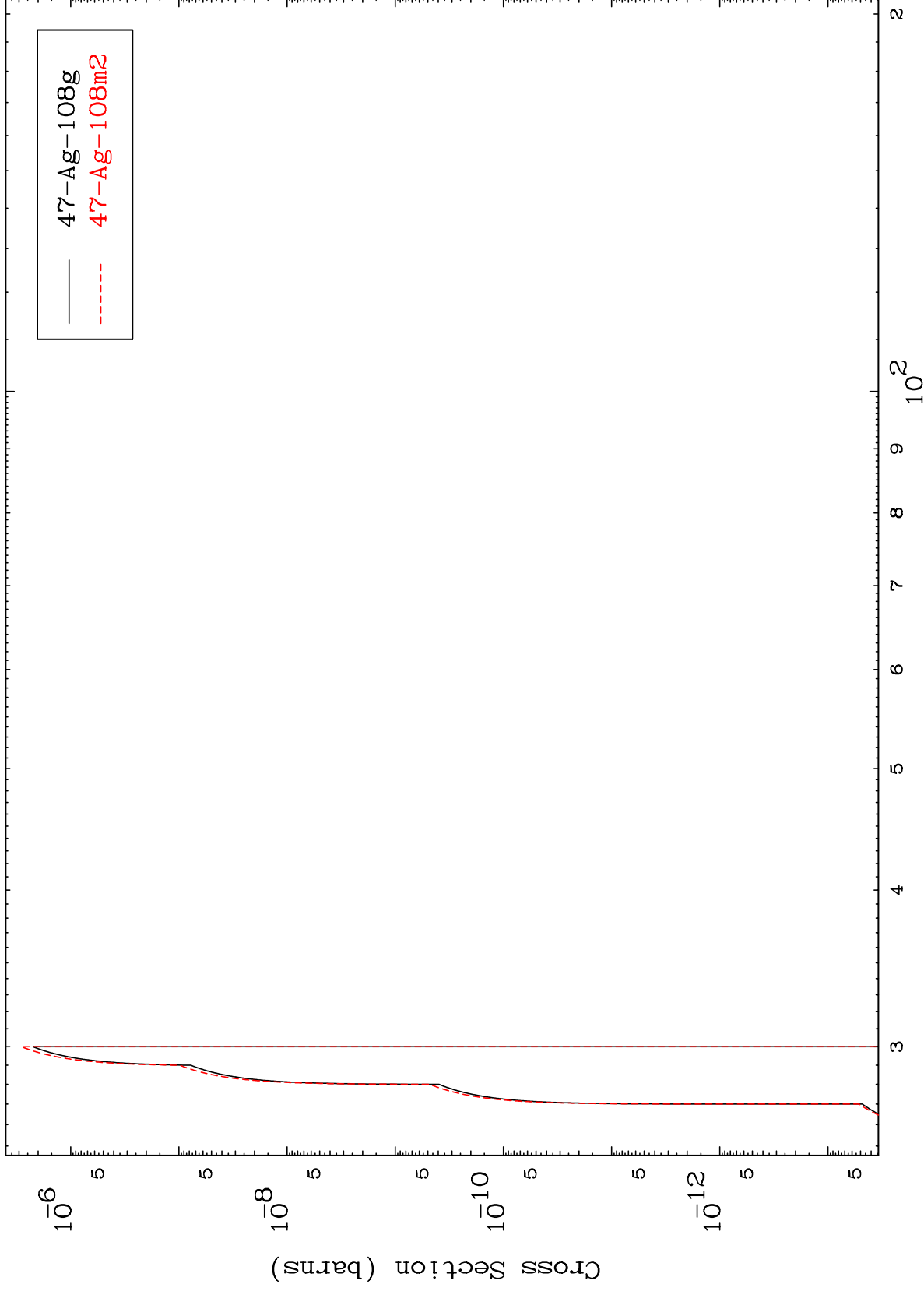


MAT 4840

(n,3n) p

48-Cd-111

Radionuclide Production Cross Section



113

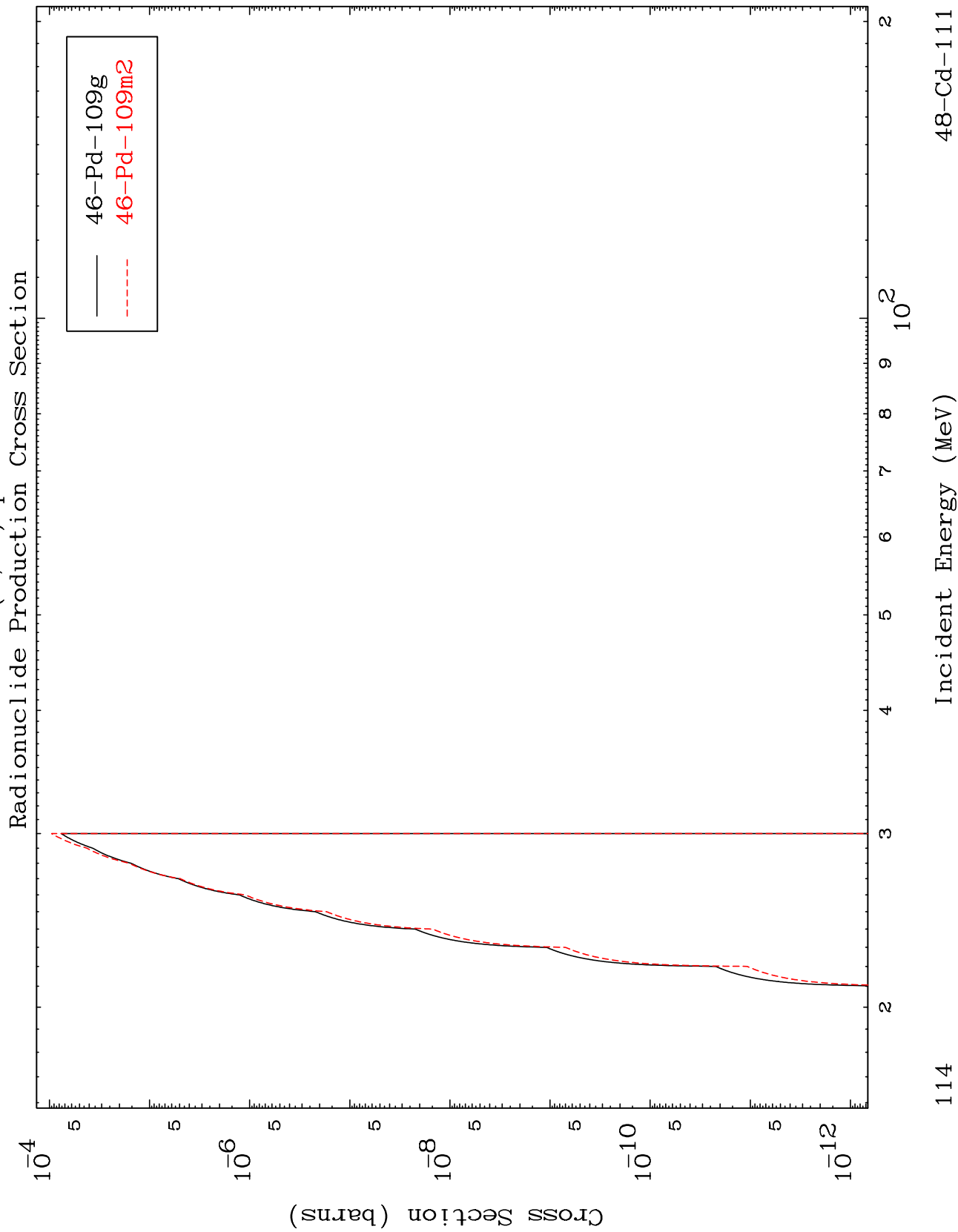
Incident Energy (MeV)

48-Cd-111

MAT 4840

(n,2n) p

48-Cd-111



114

Incident Energy (MeV)

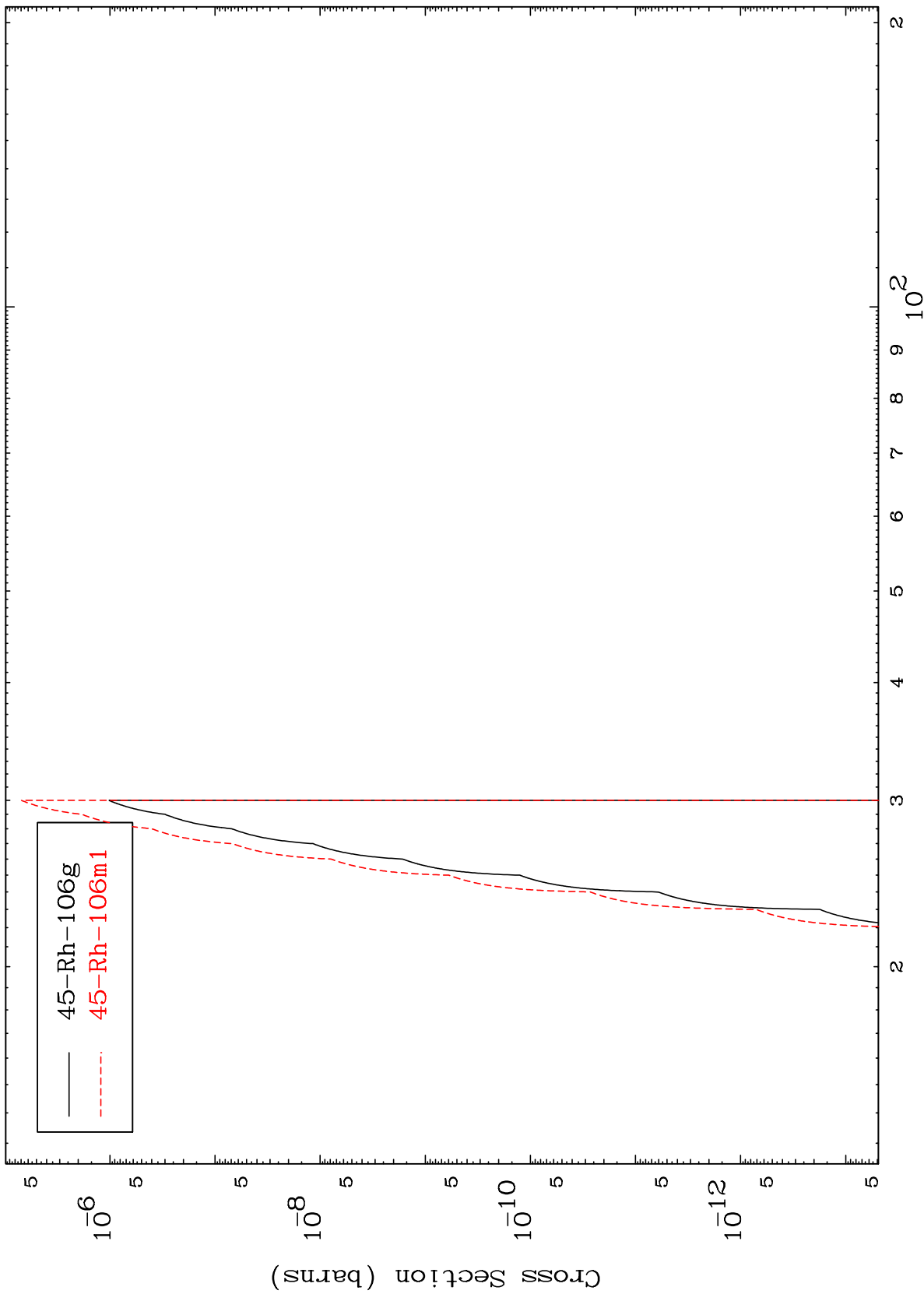
48-Cd-111

MAT 4840

(n,n') p  $\alpha$

48-Cd-111

Radionuclide Production Cross Section



115

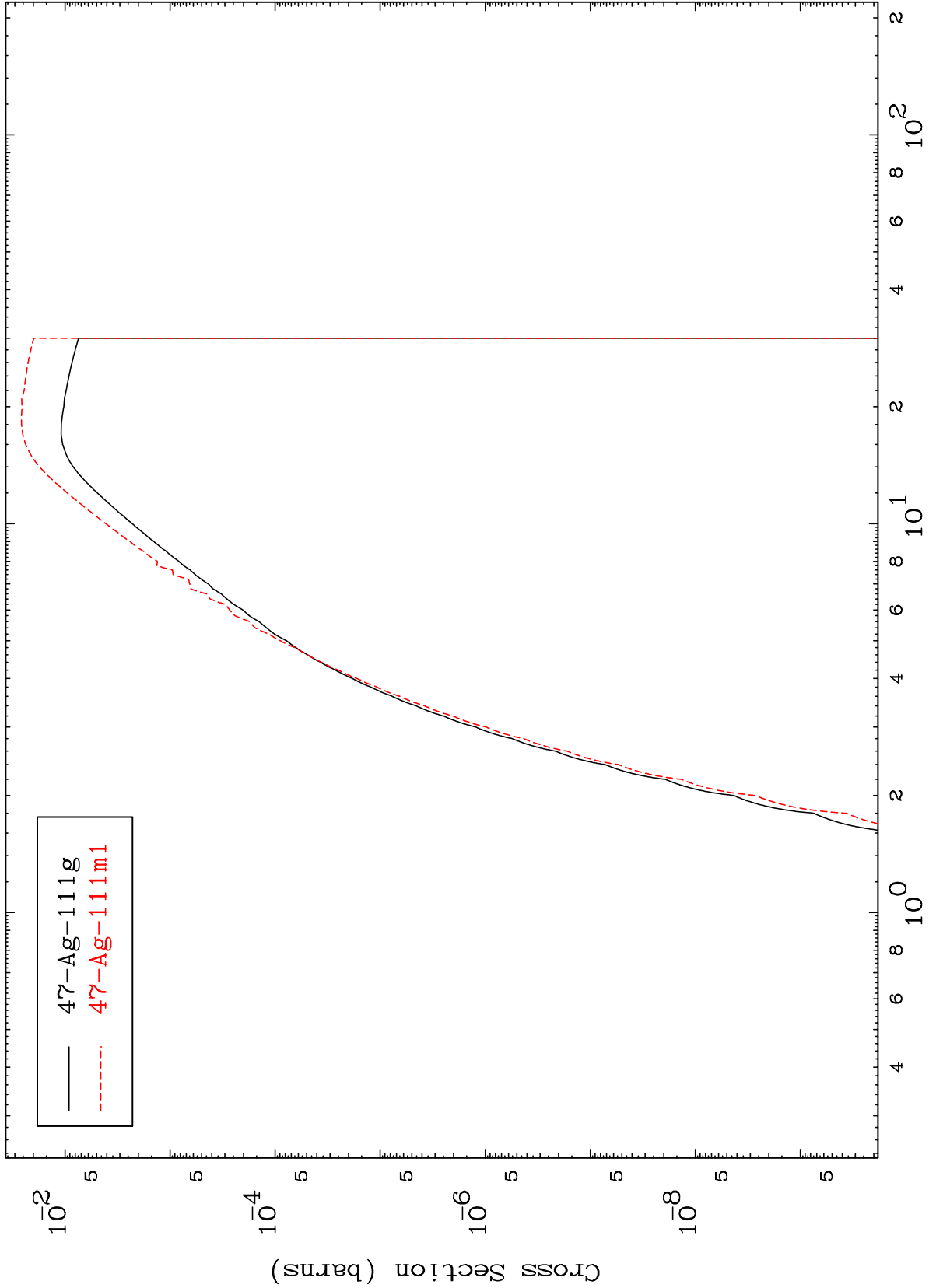
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

(n,p)  
Radionuclide Production Cross Section



48-Cd-111

Incident Energy (MeV)

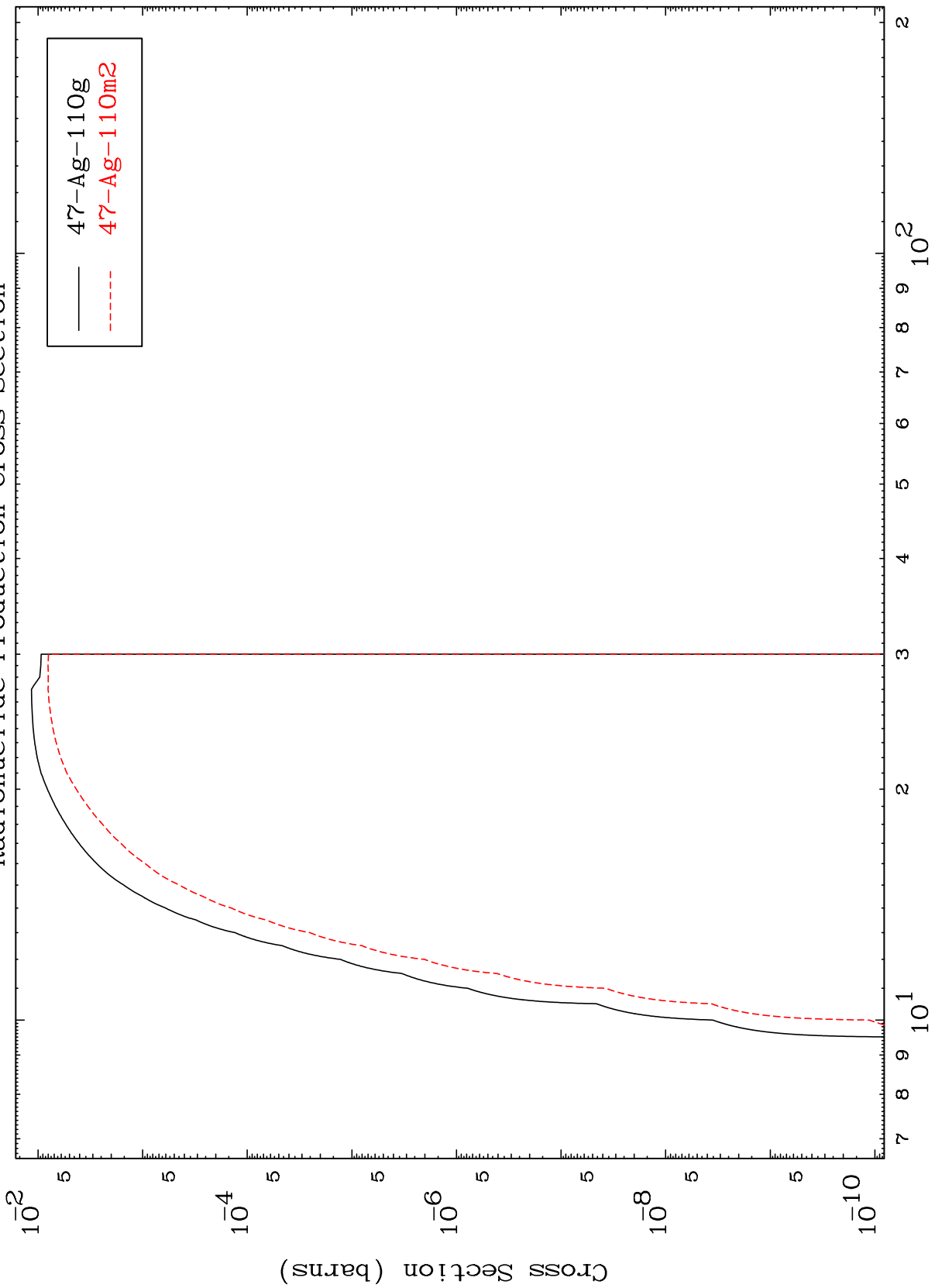
116

MAT 4840

(n,d)

48-Cd-111

Radionuclide Production Cross Section



117

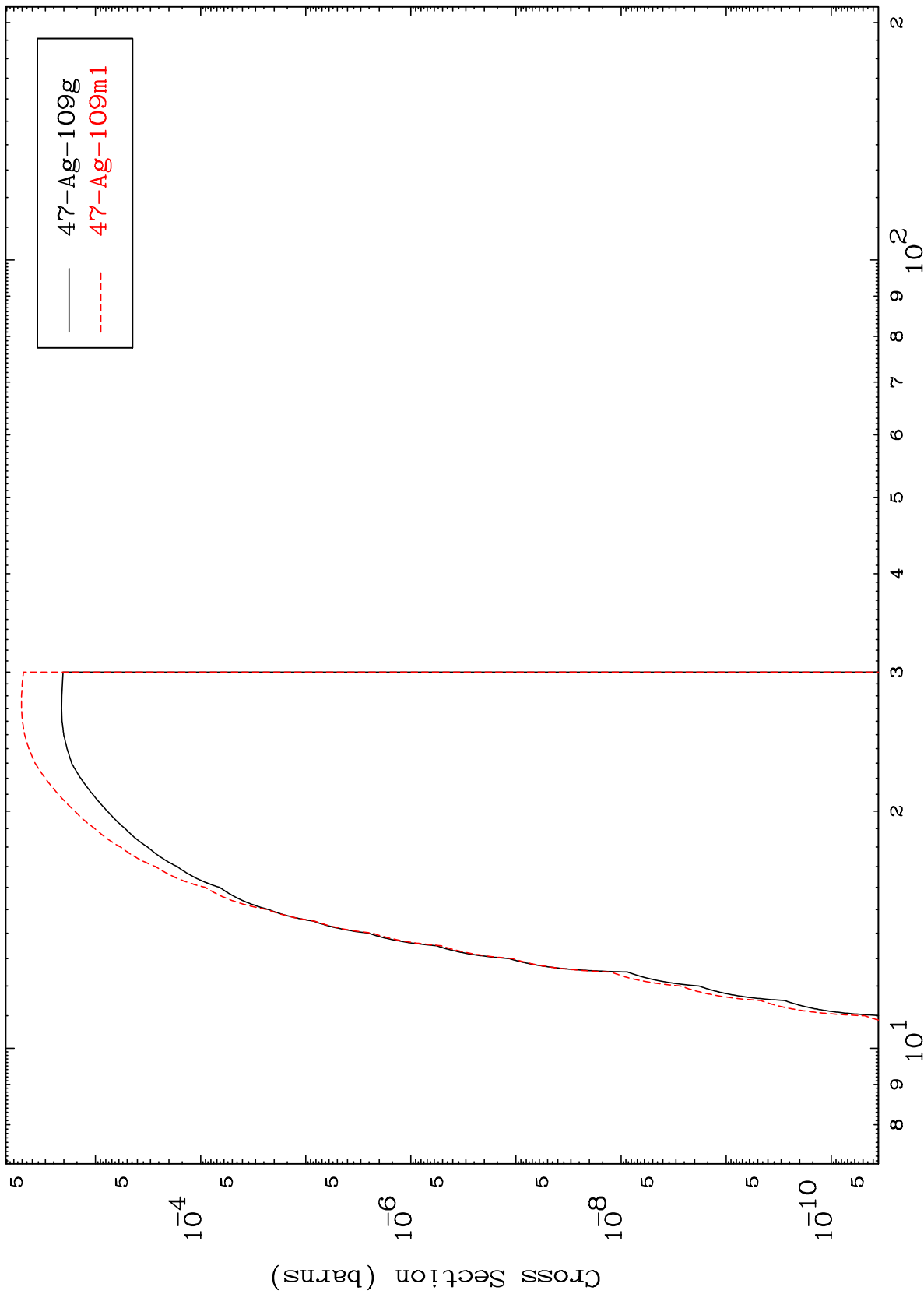
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

(n, t)  
Radionuclide Production Cross Section



118

Incident Energy (MeV)

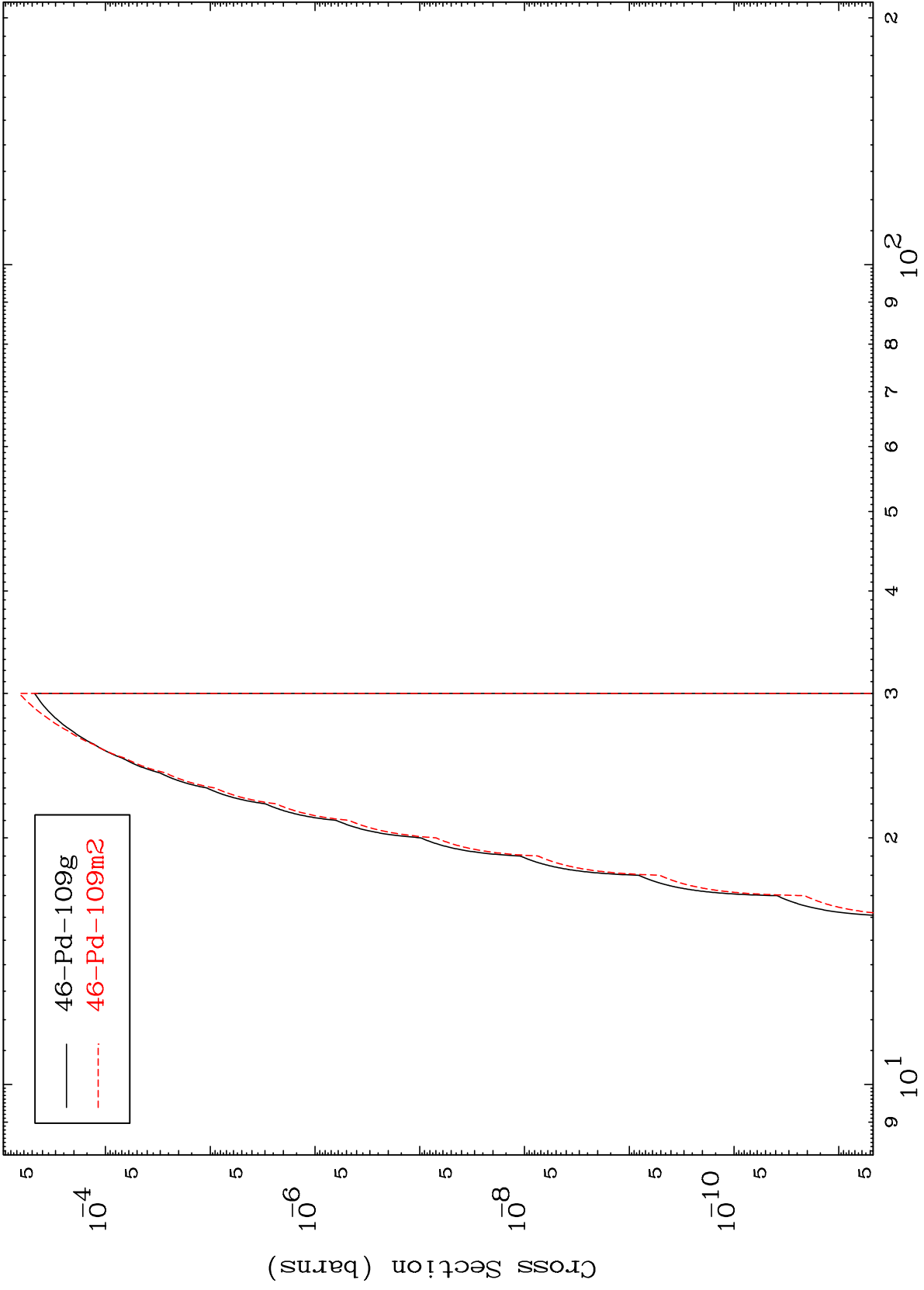
48-Cd-111

MAT 4840

(n,He-3)

48-Cd-111

Radionuclide Production Cross Section



119

Incident Energy (MeV)

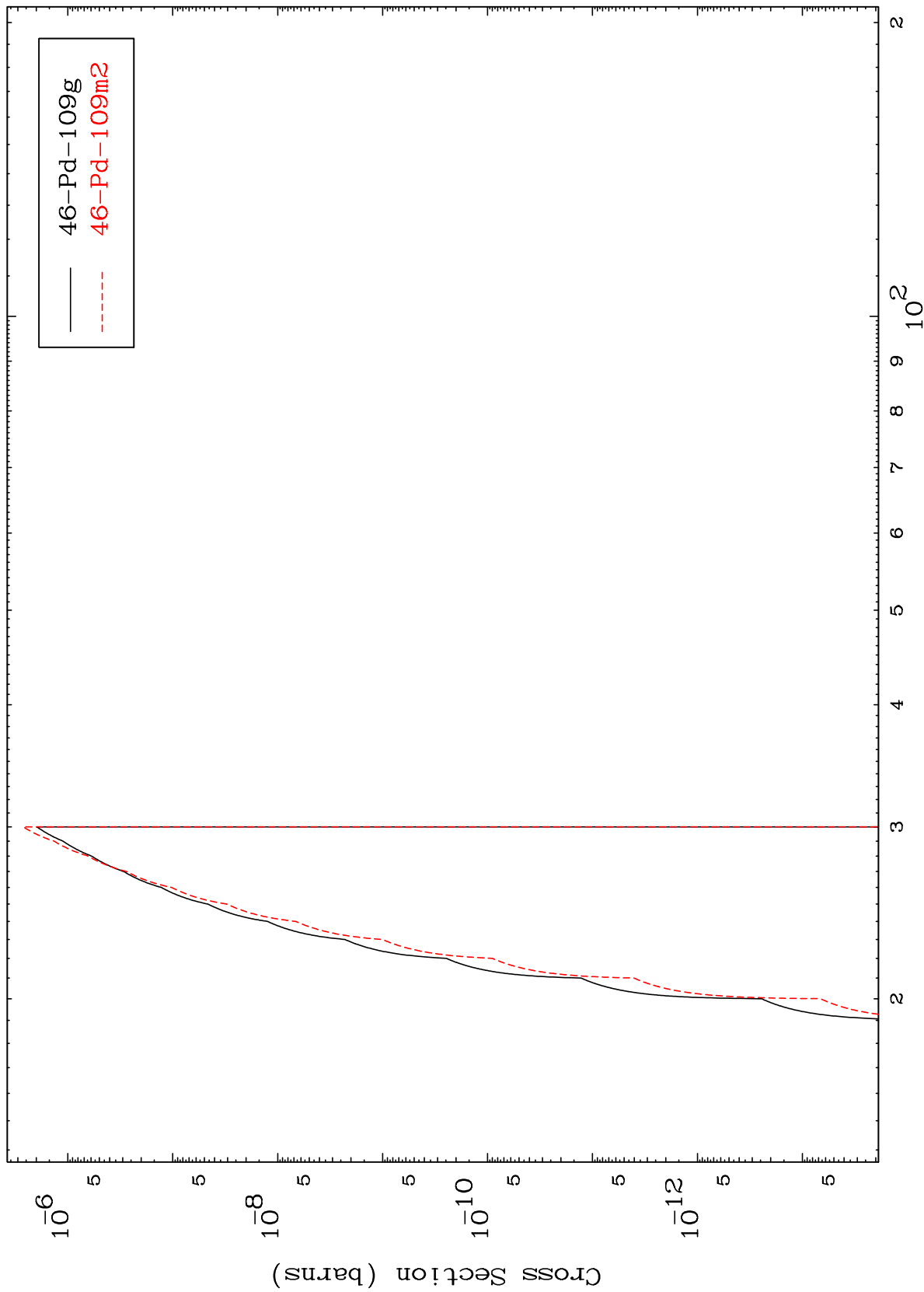
48-Cd-111

MAT 4840

(n,p) d

48-Cd-111

Radionuclide Production Cross Section



120

Incident Energy (MeV)

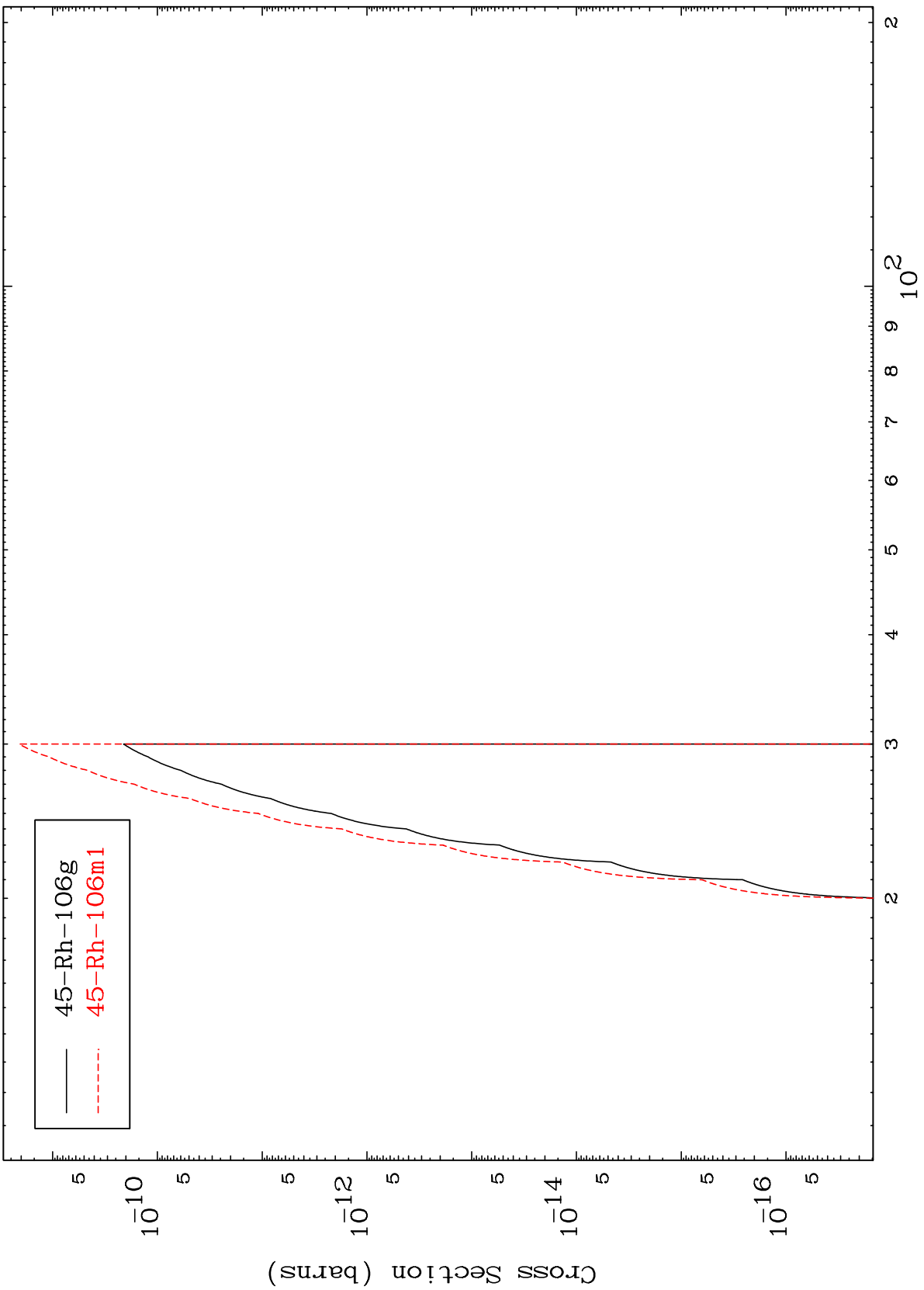
48-Cd-111

MAT 4840

(n,d)  $\alpha$

48-Cd-111

Radionuclide Production Cross Section



121

Incident Energy (MeV)

48-Cd-111