

Program EVALPLOT
(Version 2021-1)

by

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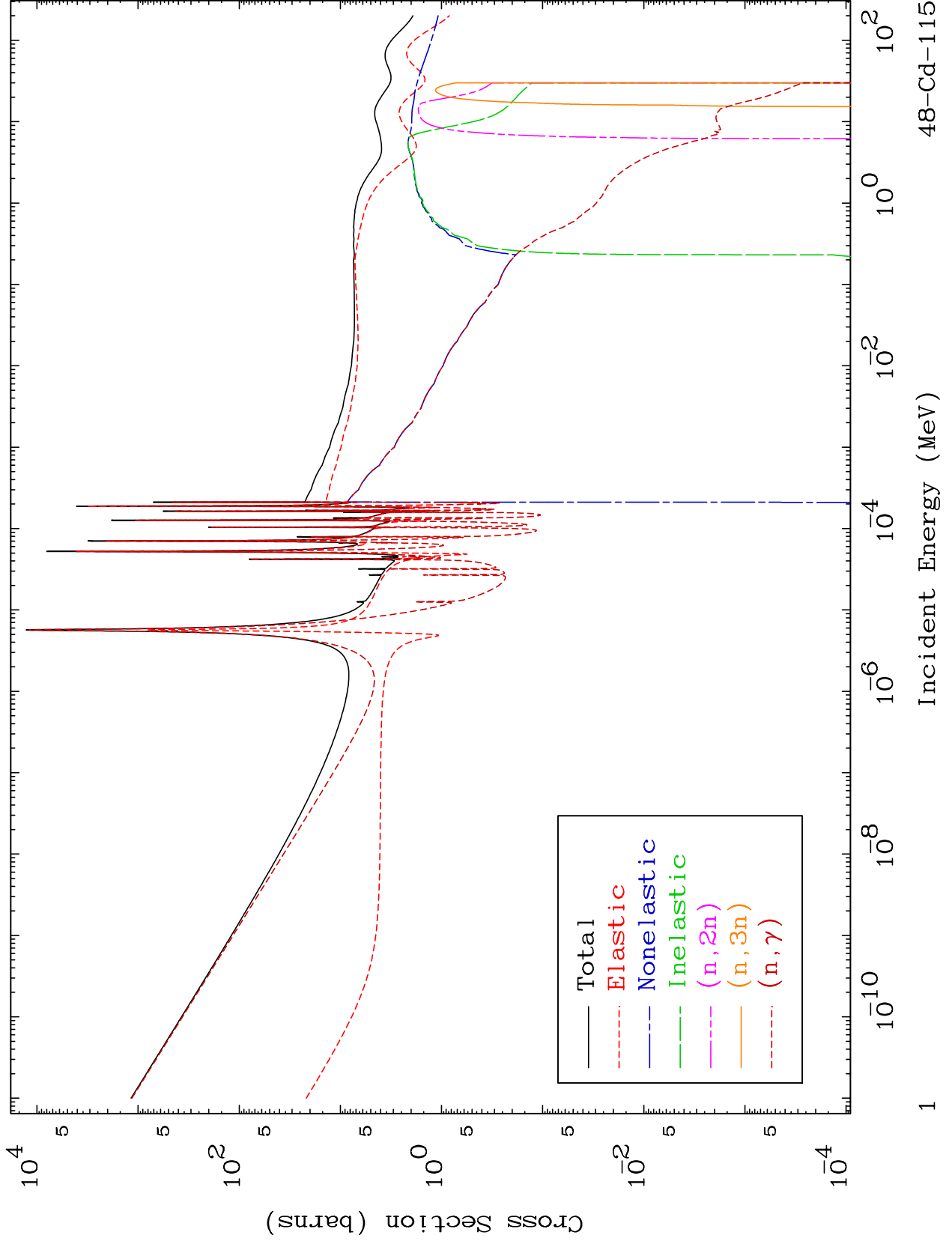
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4852

Neutron Major
293 Kelvin Cross Sections

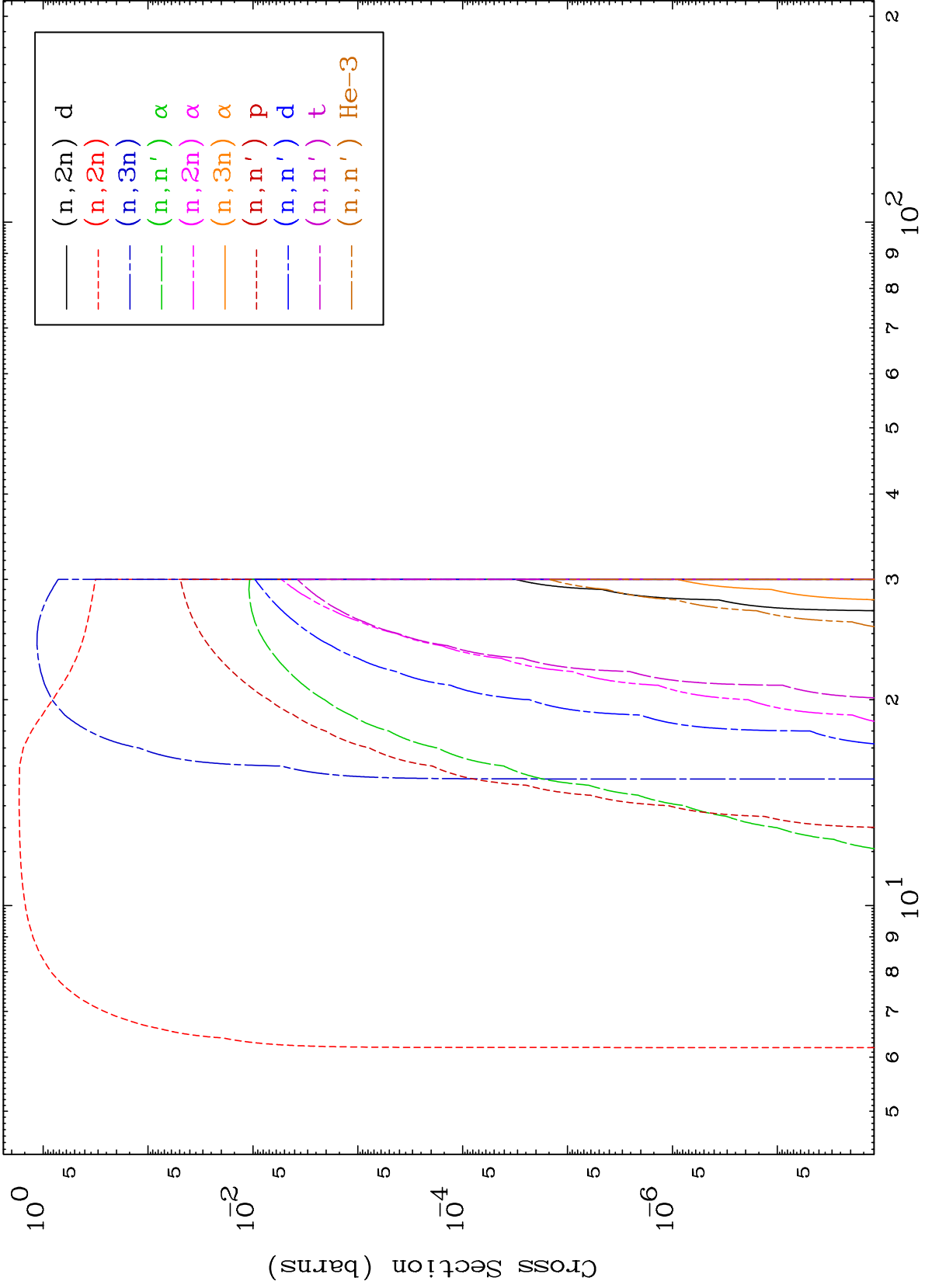
48-Cd-115



MAT 4852

Neutron Absorption
293 Kelvin Cross Sections

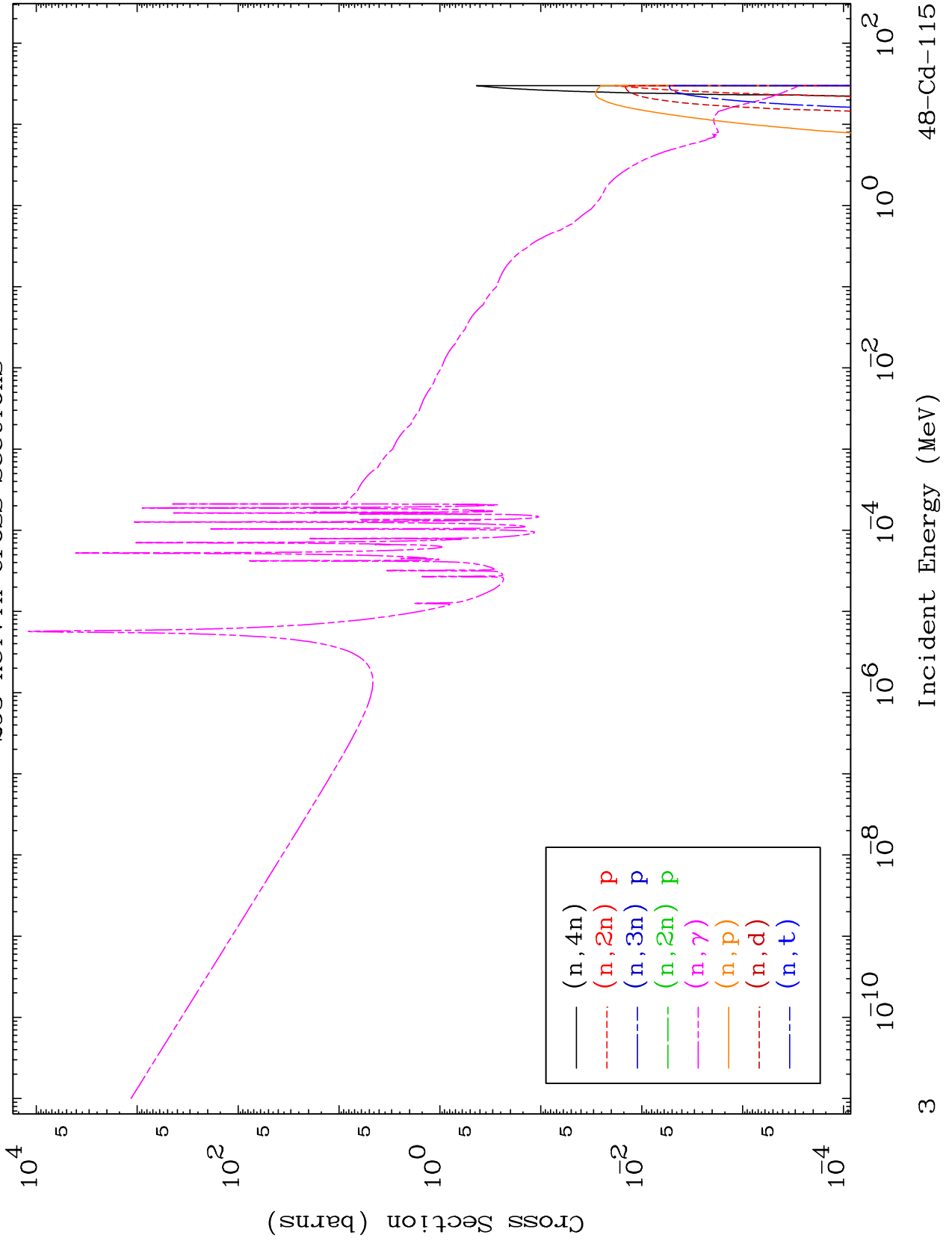
48-Cd-115

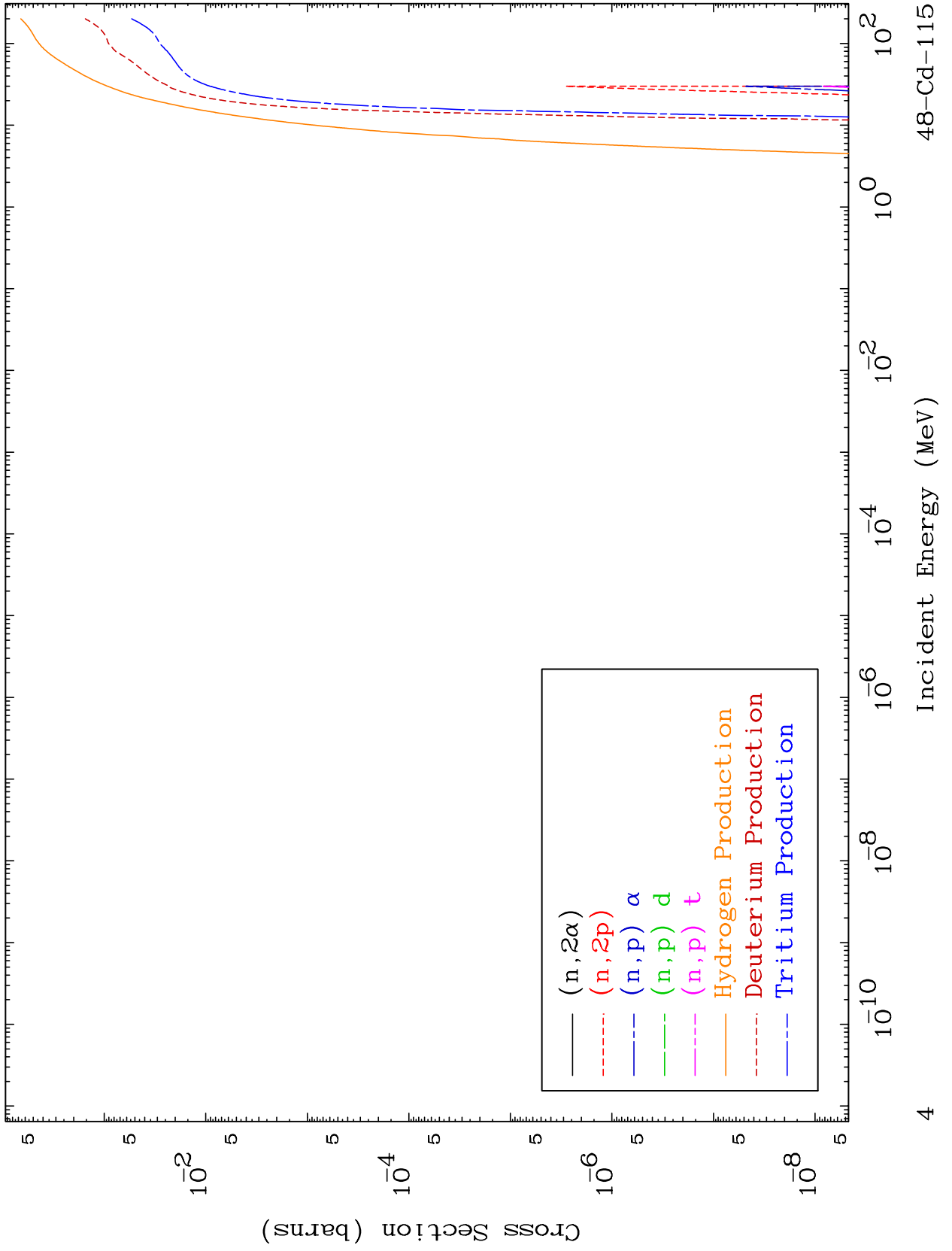


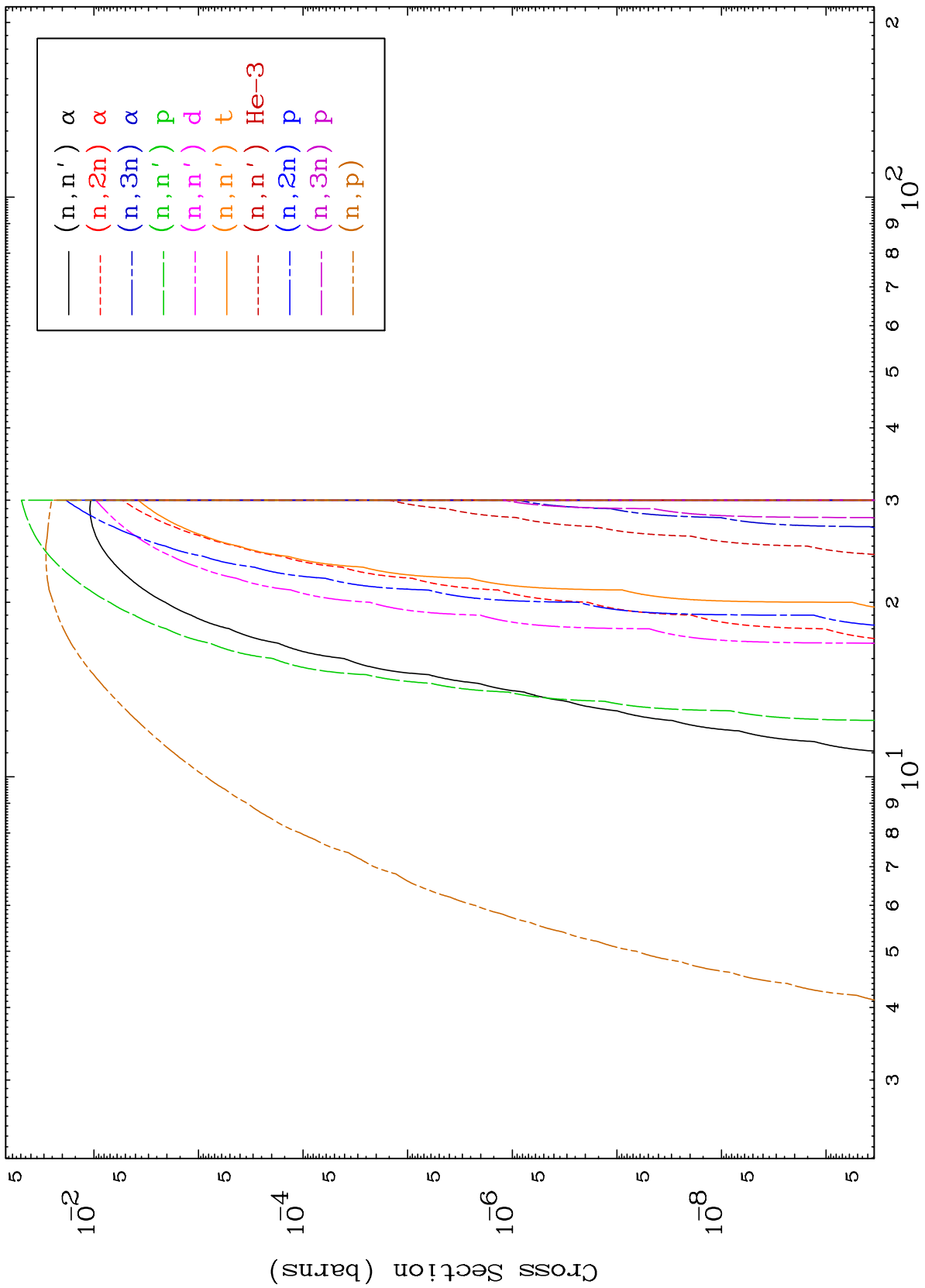
MAT 4852

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-115



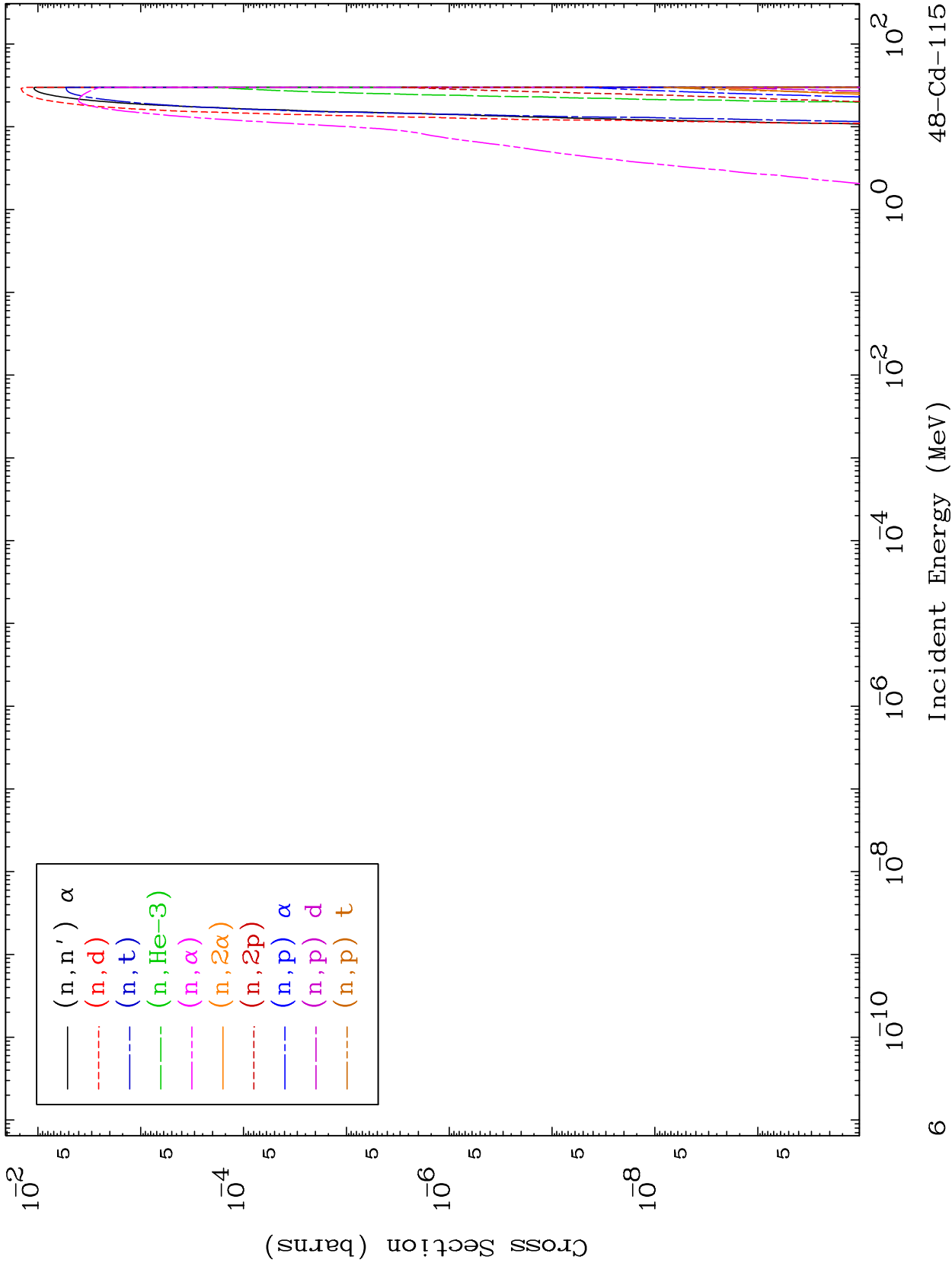




MAT 4852

Charged Particle
293 Kelvin Cross Sections

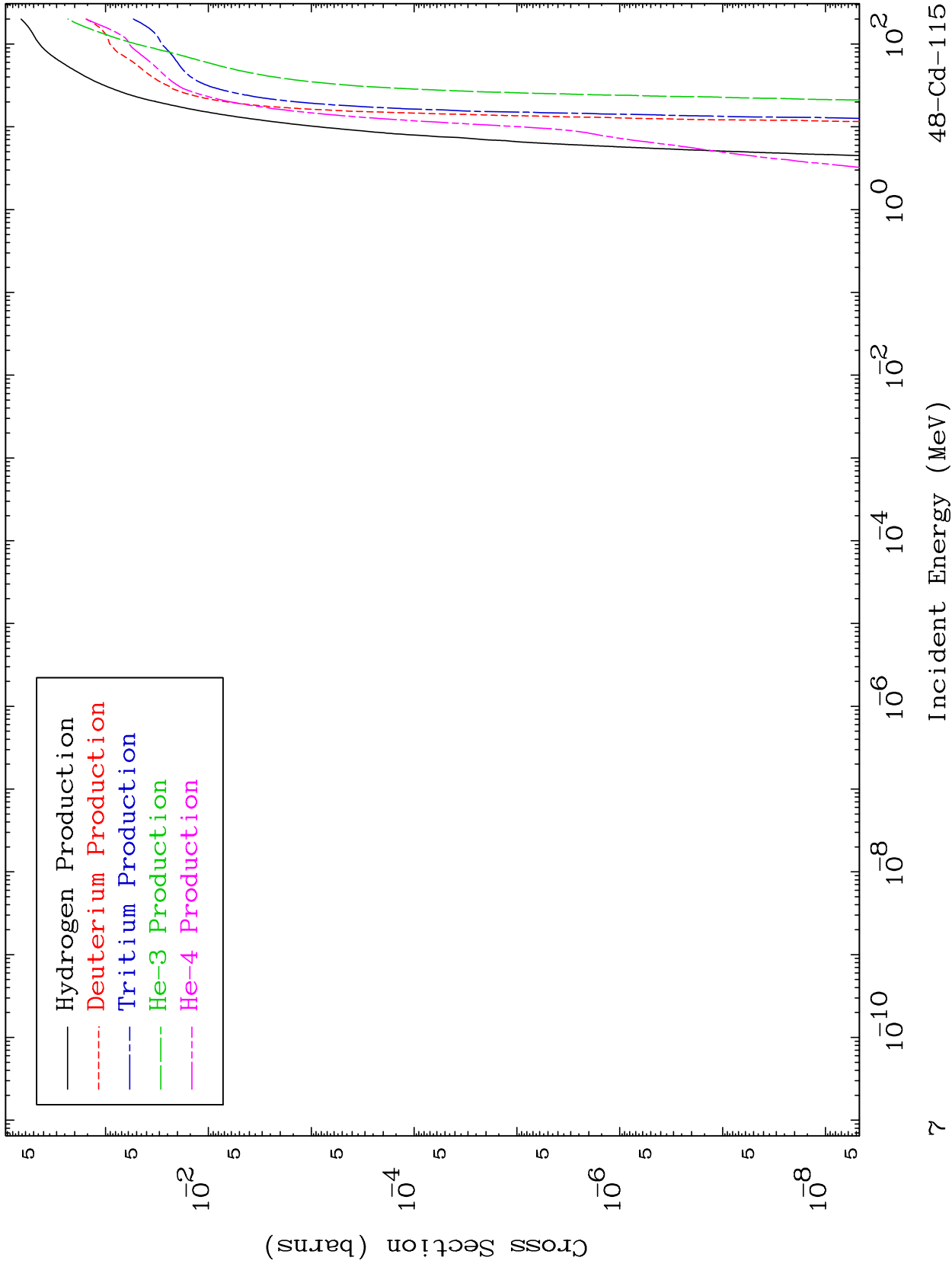
48-Cd-115



MAT 4852

Particle Production
293 Kelvin Cross Sections

48-Cd-115

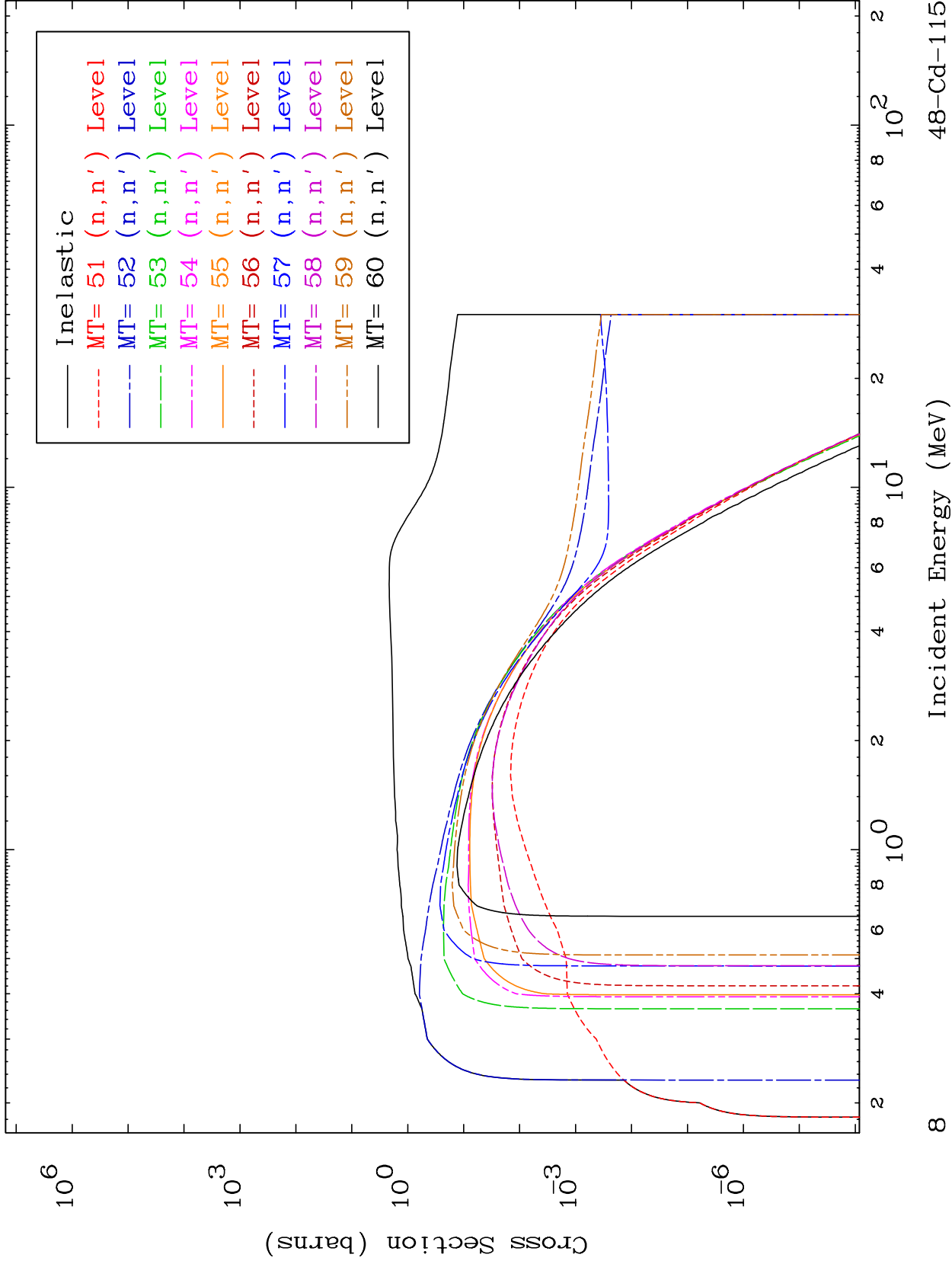


MAT 4852

(n,n') Levels

48-Cd-115

293 Kelvin Cross Sections

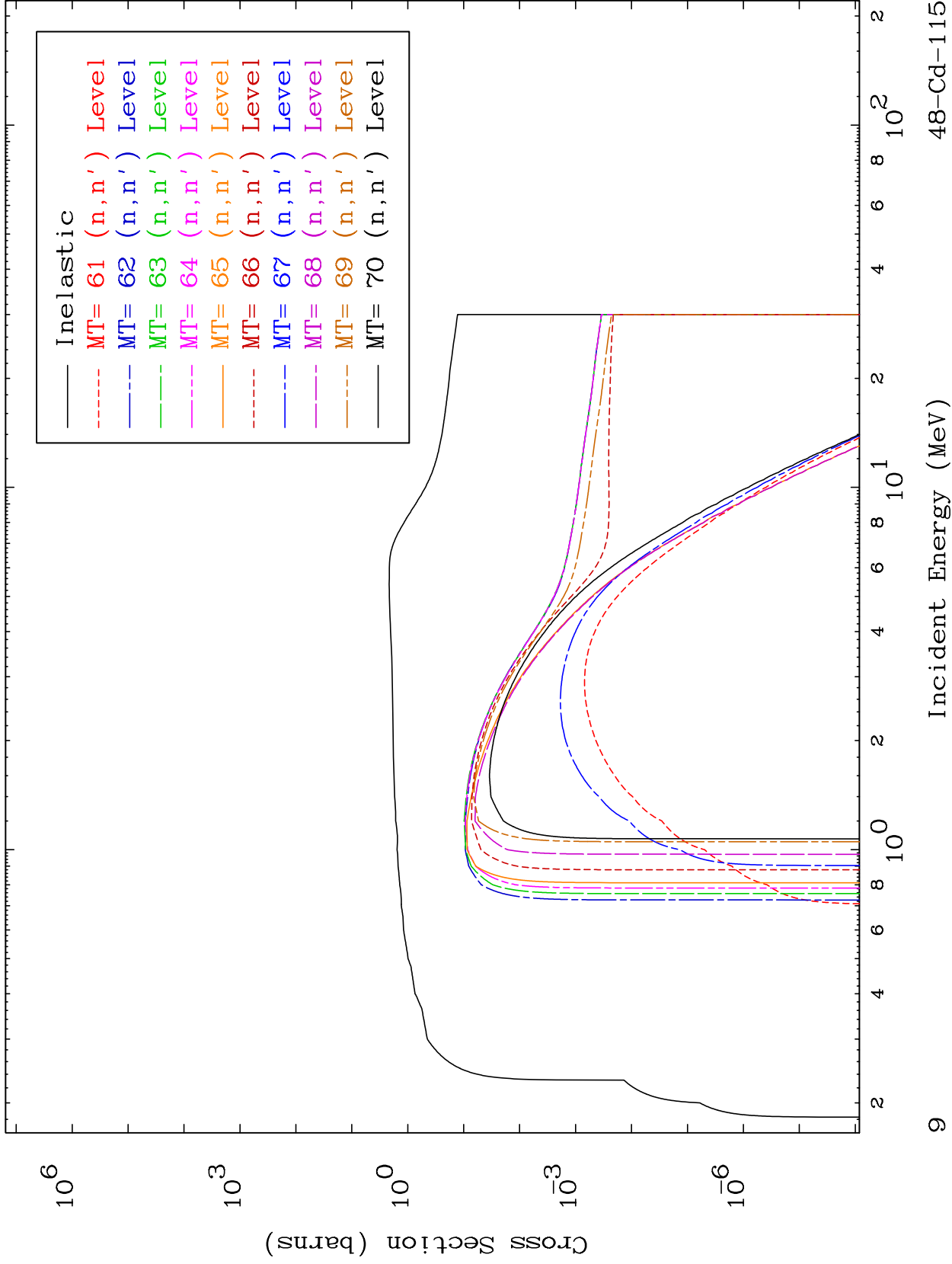


MAT 4852

(n,n') Levels

48-Cd-115

293 Kelvin Cross Sections

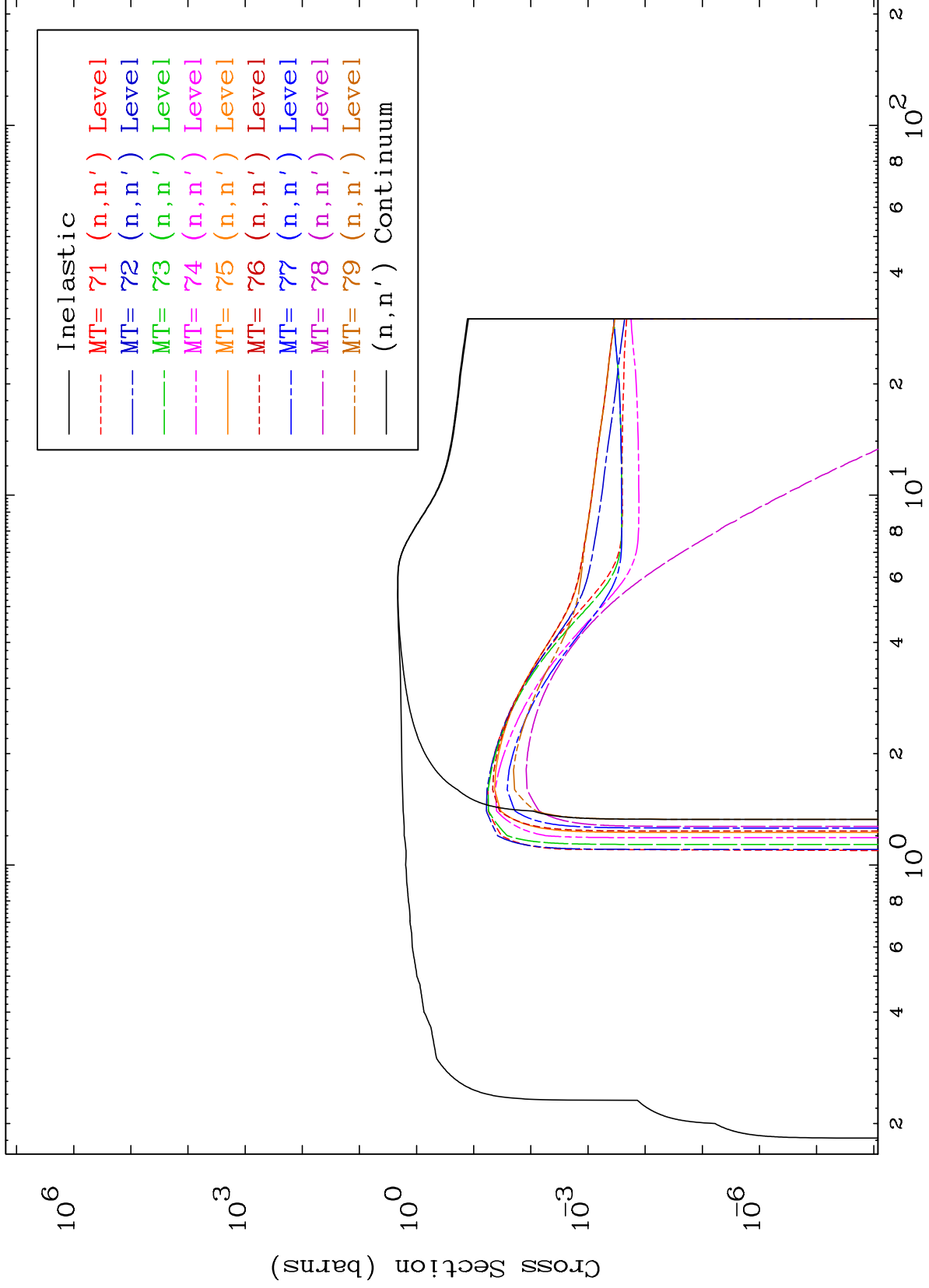


MAT 4852

(n,n') Levels

48-Cd-115

293 Kelvin Cross Sections



10

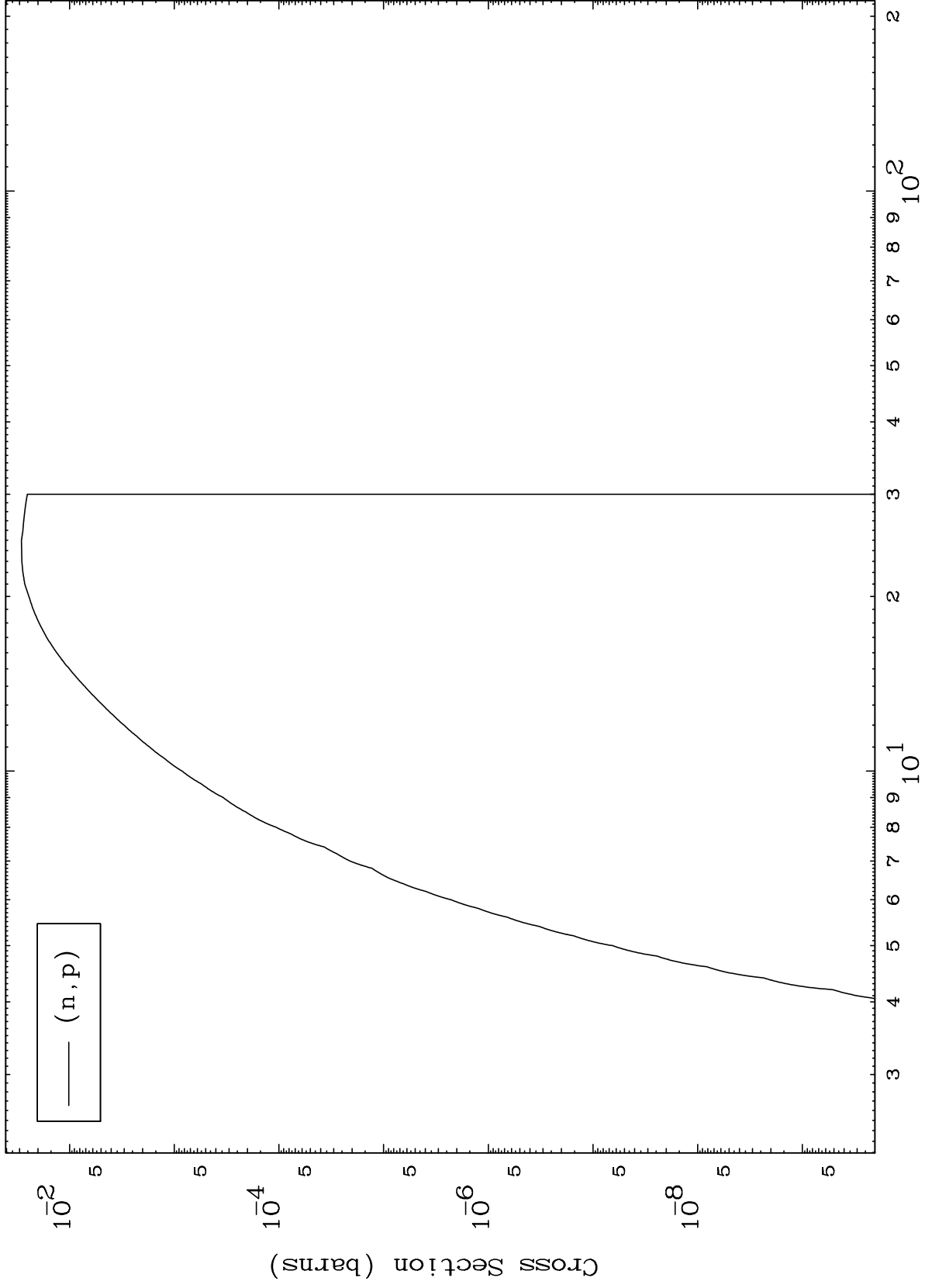
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,p) Levels
293 Kelvin Cross Sections

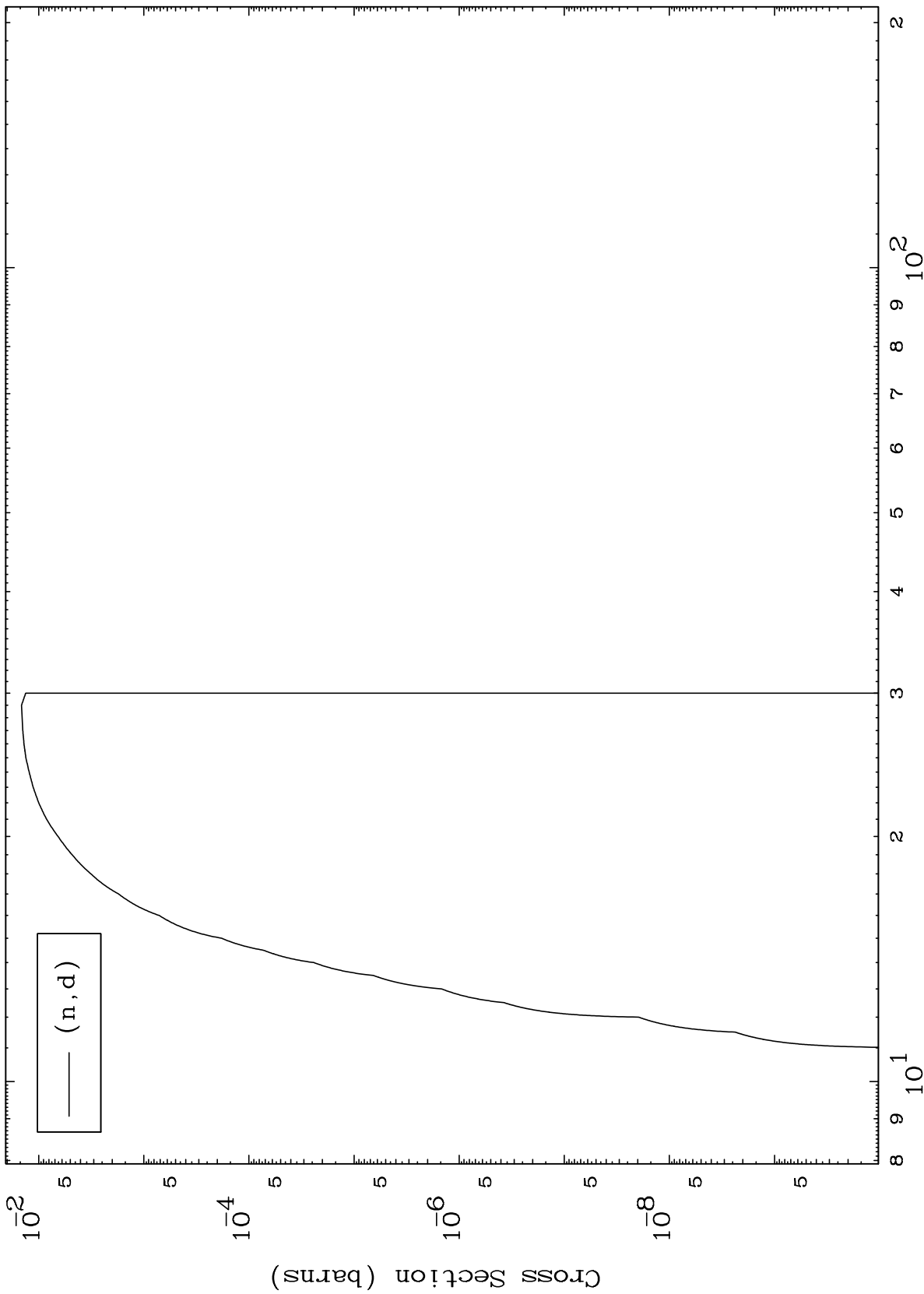
48-Cd-115



MAT 4852

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-115



12

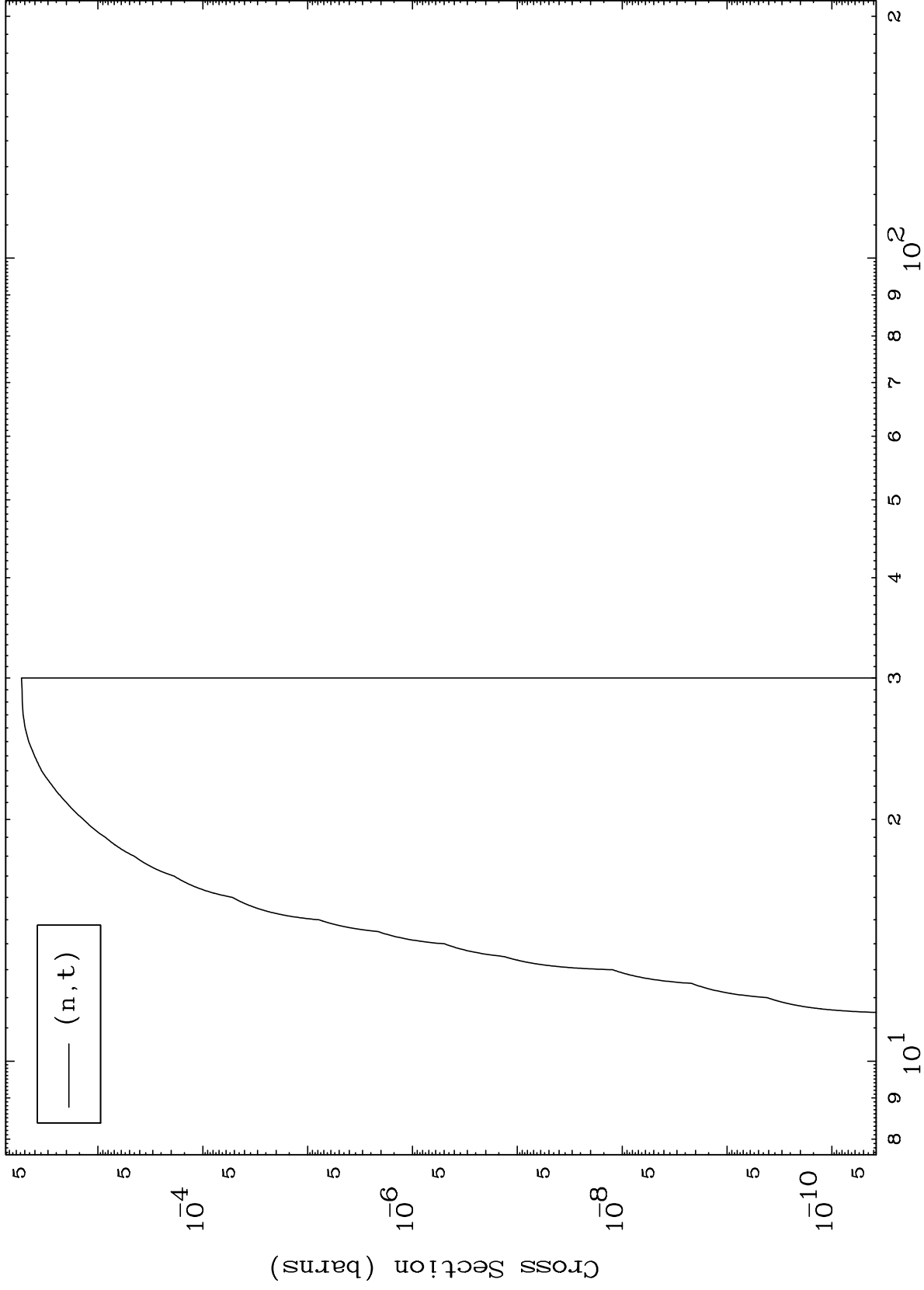
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-115



Incident Energy (MeV)

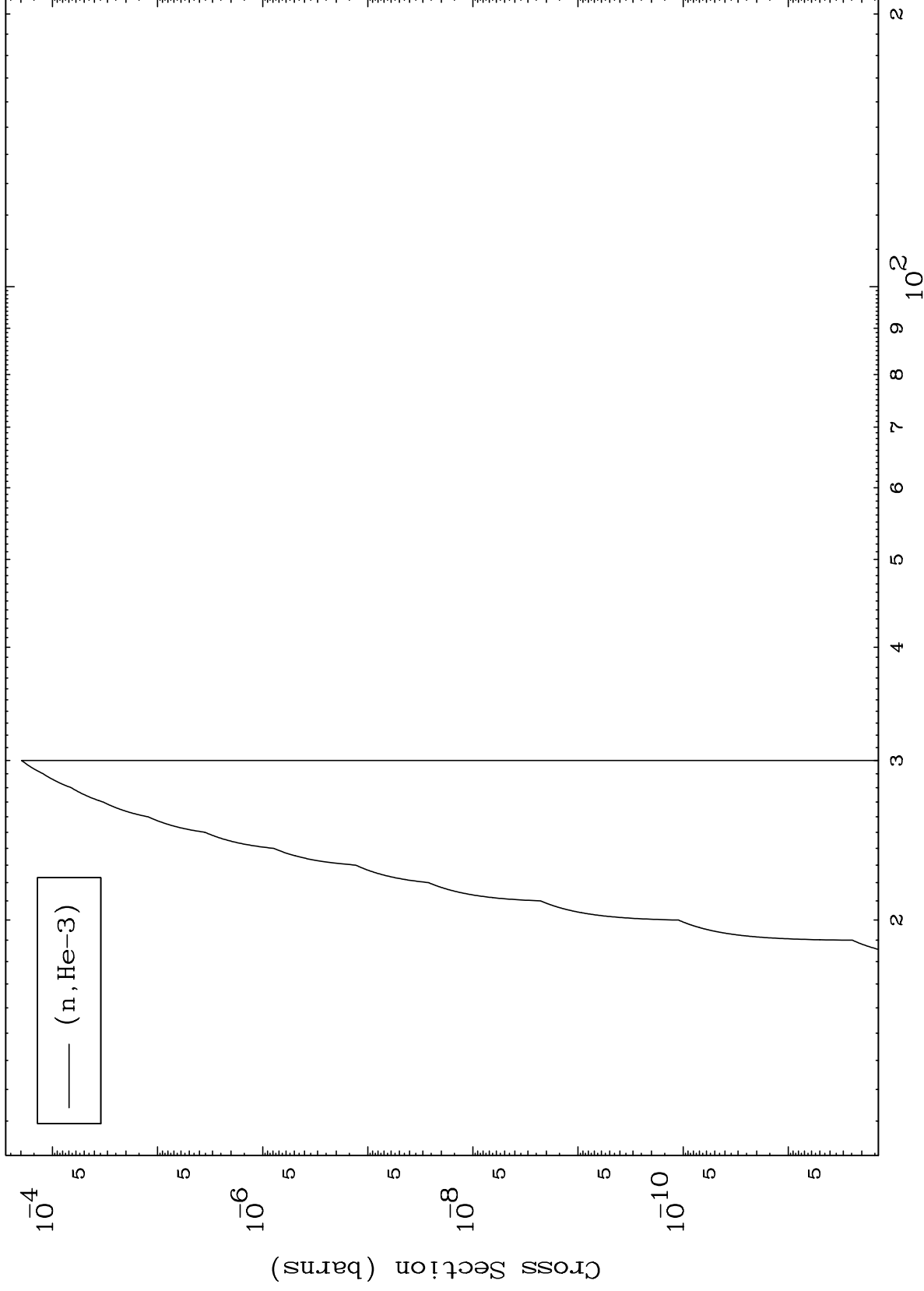
48-Cd-115

13

MAT 4852

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-115



14

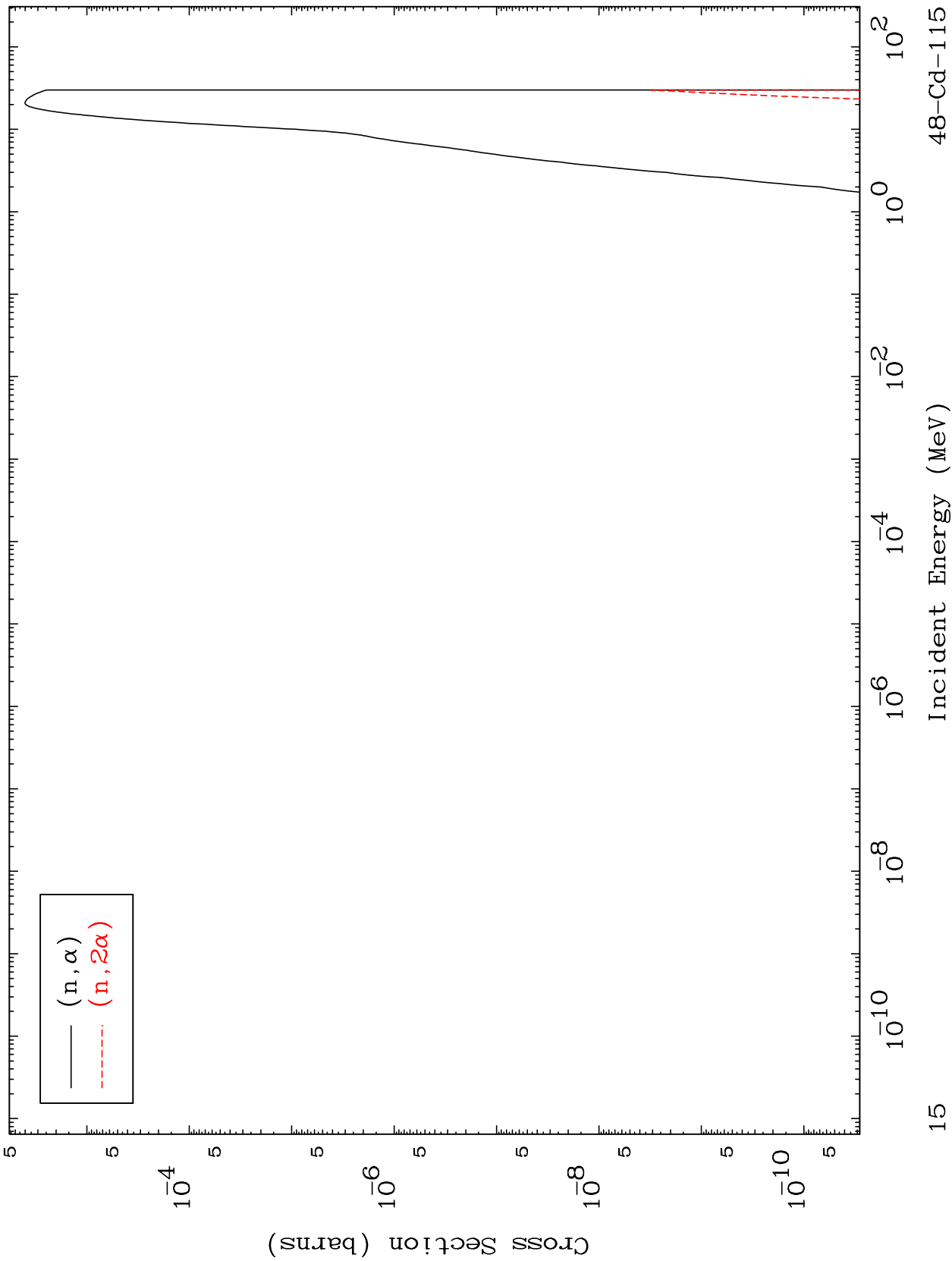
Incident Energy (MeV)

48-Cd-115

MAT 4852

(n, α) Levels
293 Kelvin Cross Sections

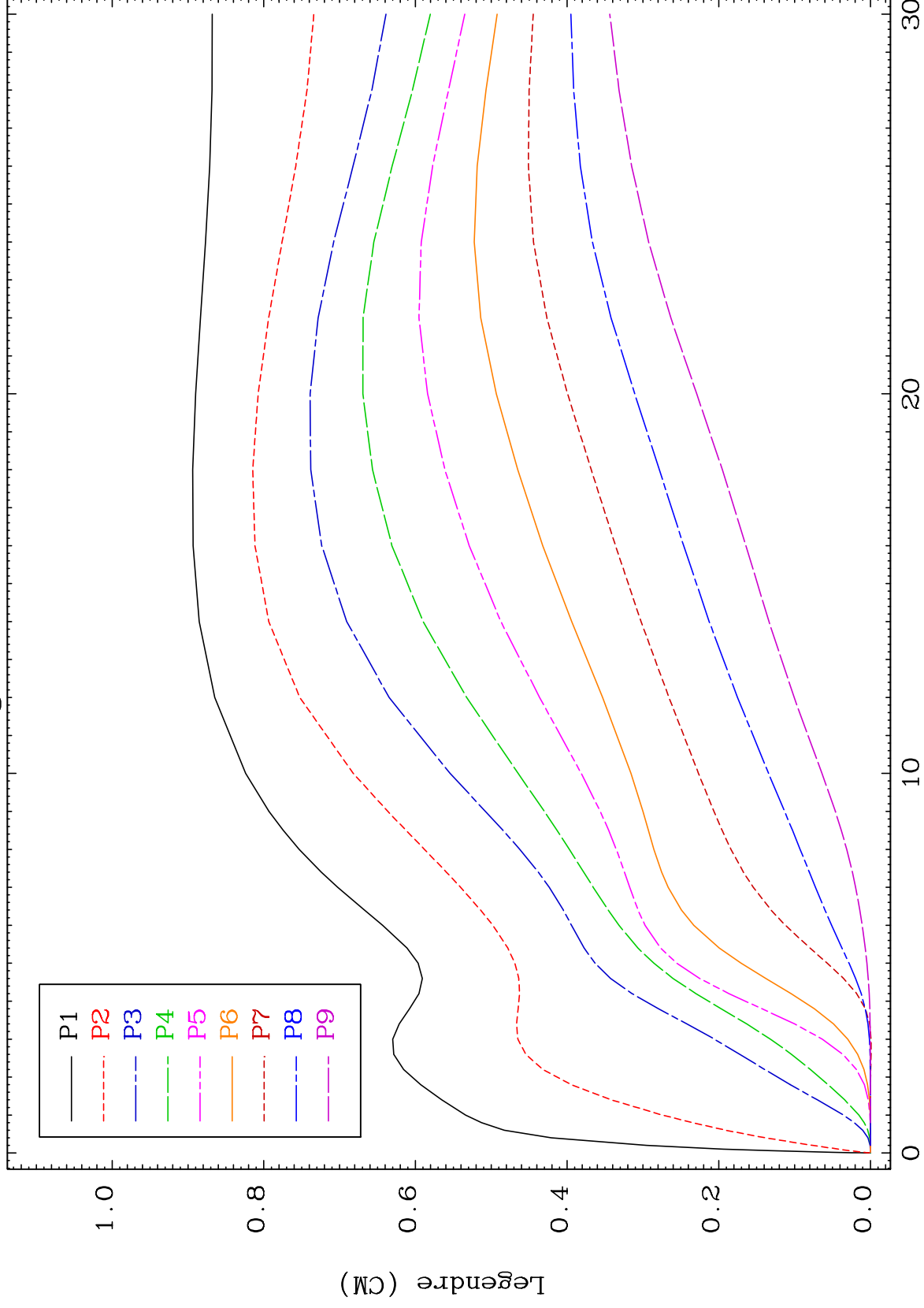
48-Cd-115



MAT 4852

Elastic Legendre Coefficients

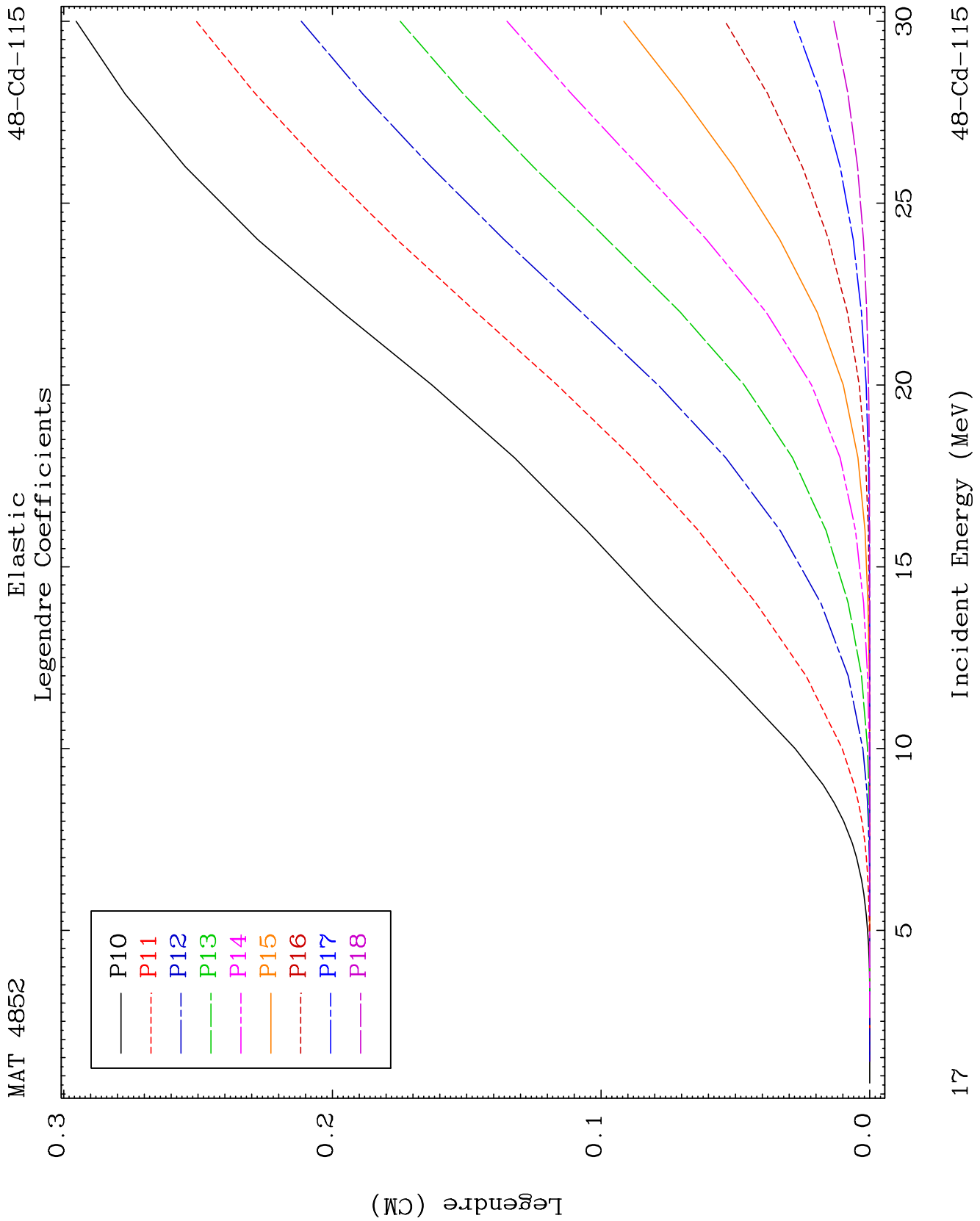
48-Cd-115



16

Incident Energy (MeV)

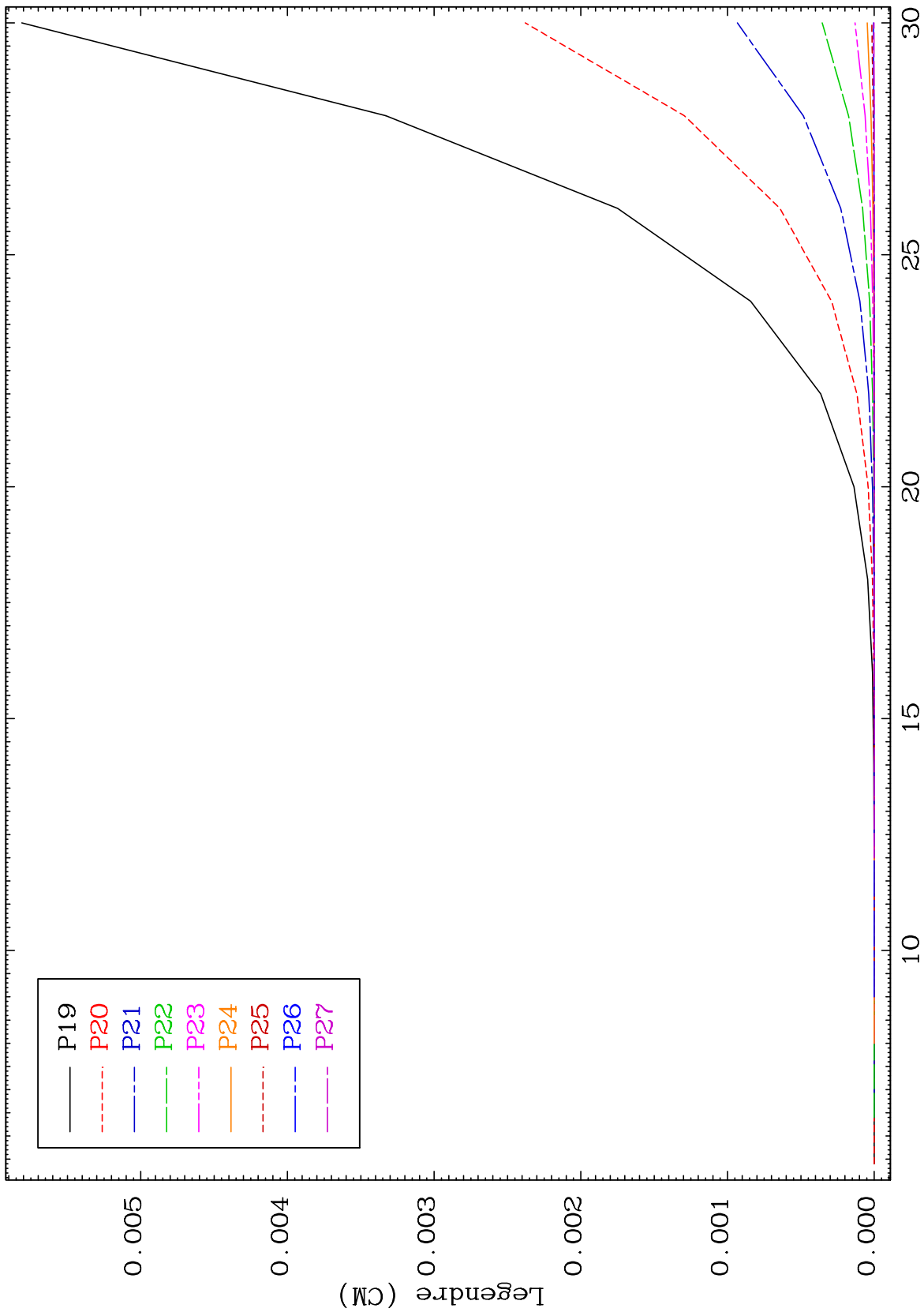
48-Cd-115



MAT 4852

Elastic Legendre Coefficients

48-Cd-115



18

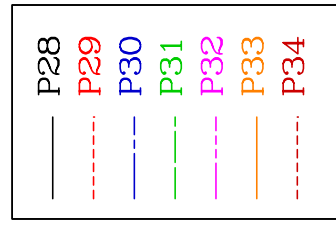
Incident Energy (MeV)

48-Cd-115

MAT 4852

Elastic
Legendre Coefficients

48-Cd-115



$\times 10^{-7}$
2.5
2.0
1.5
1.0
0.5
0.0
-0.5

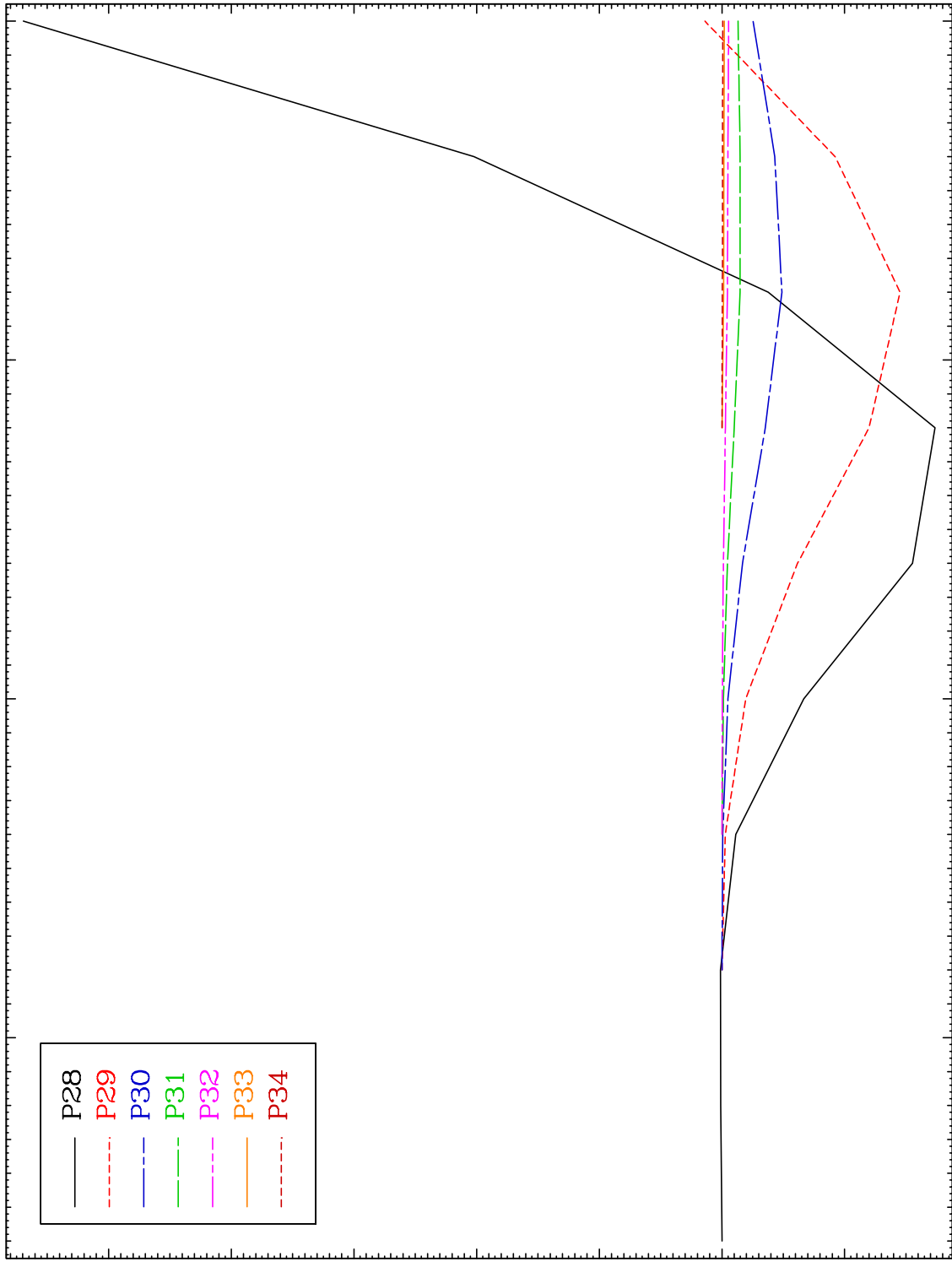
Legendre (CM)

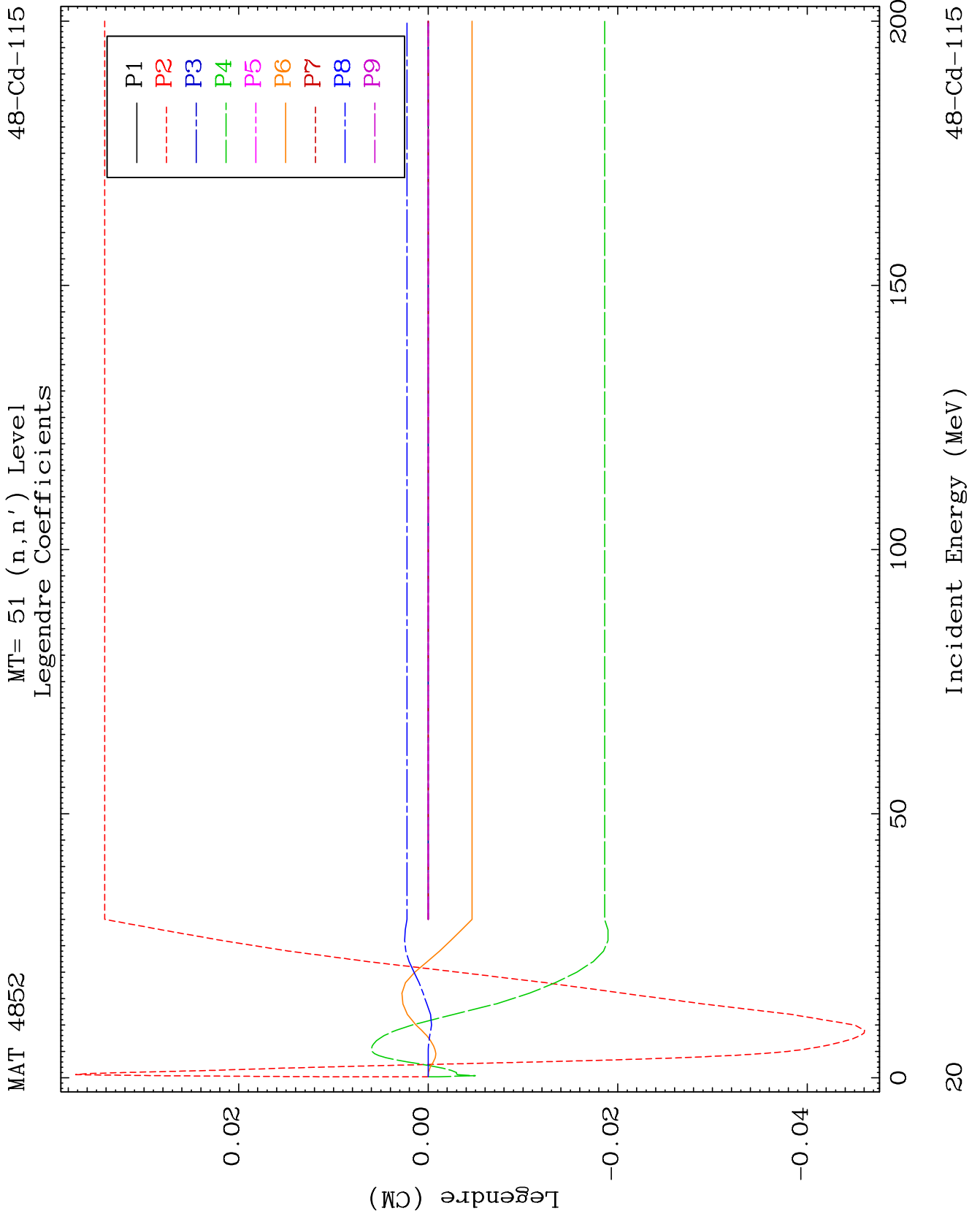
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19

Incident Energy (MeV)

48-Cd-115

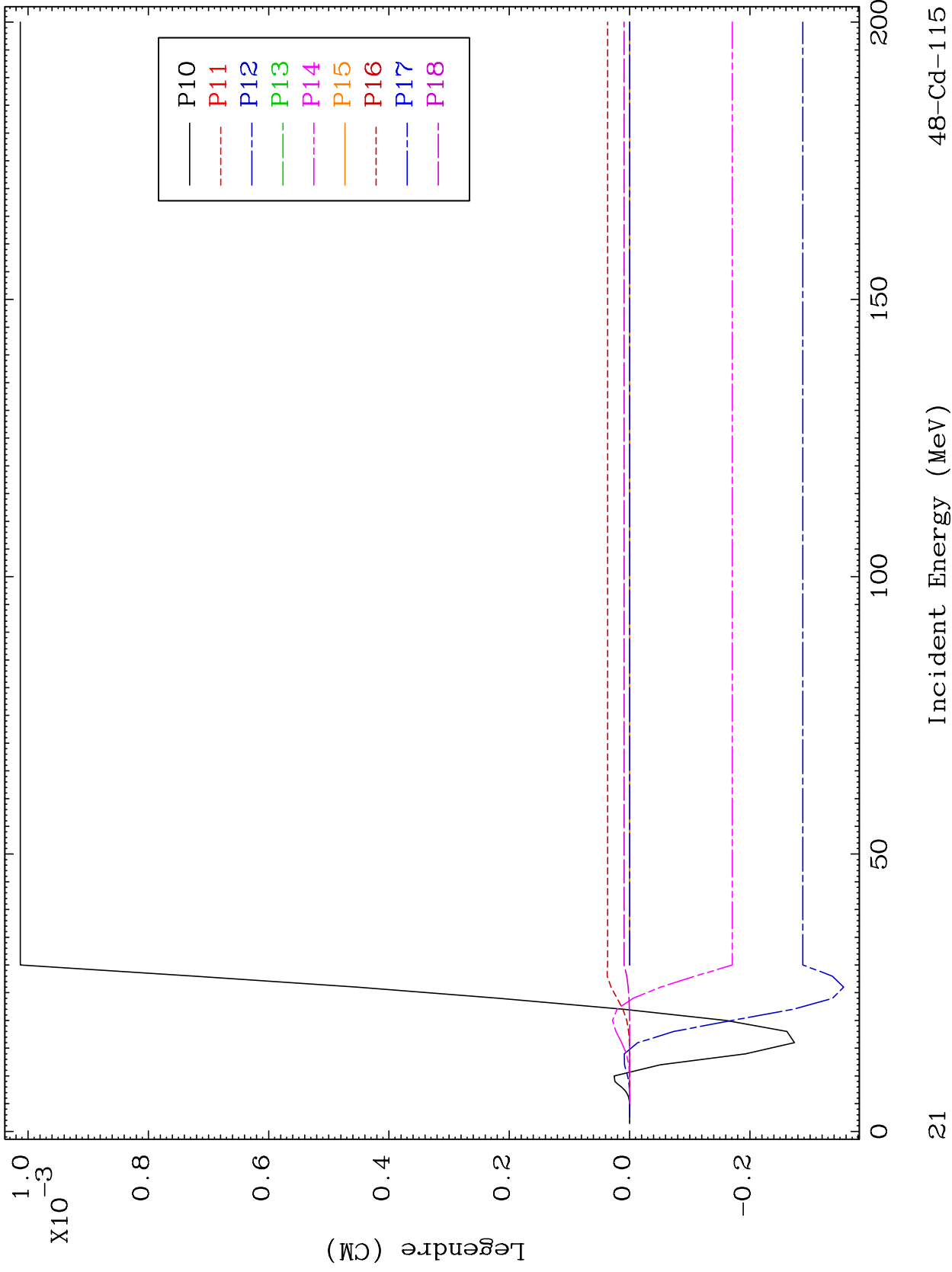




MAT 4852

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

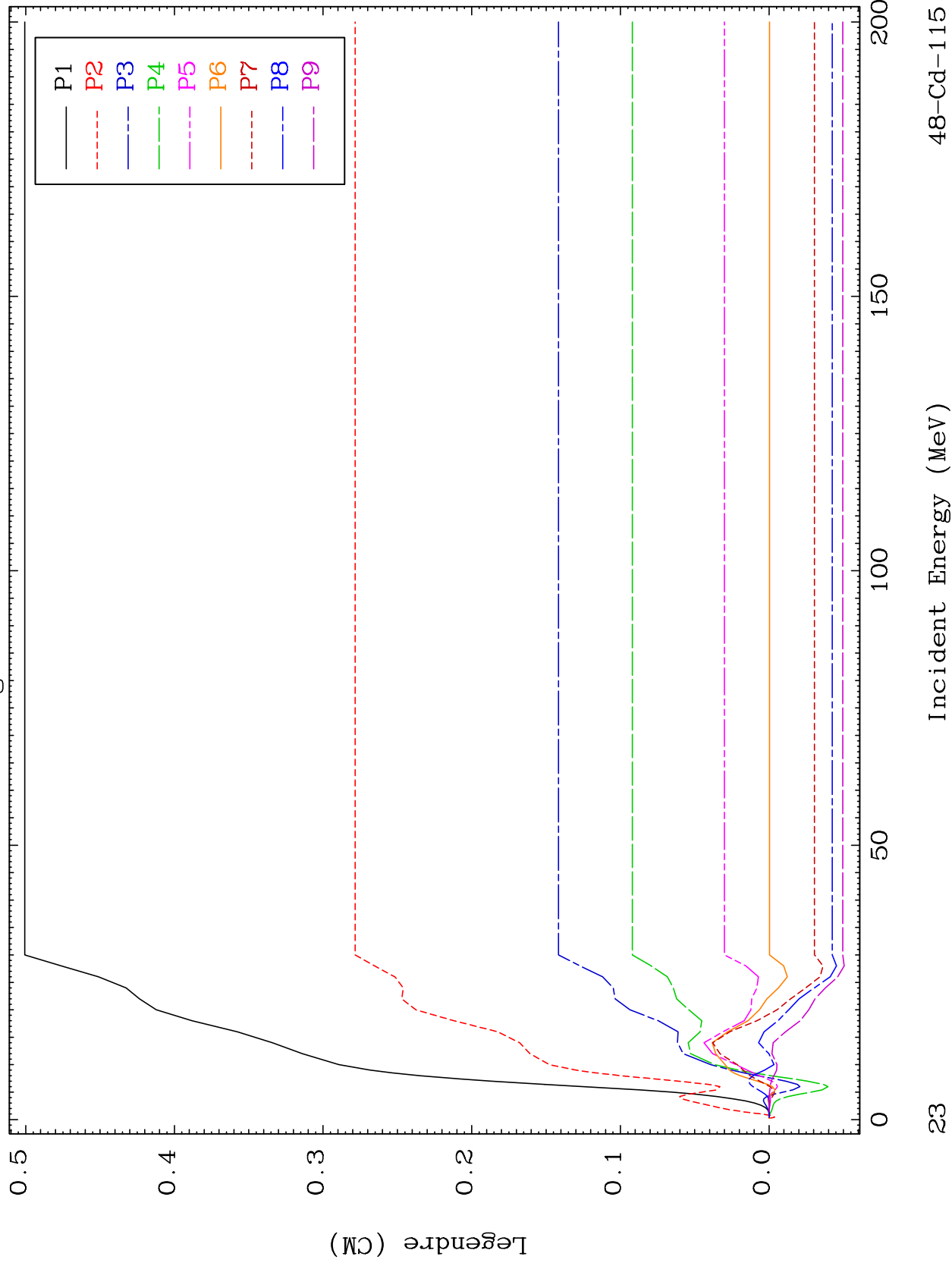
48-Cd-115



MAT 4852

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

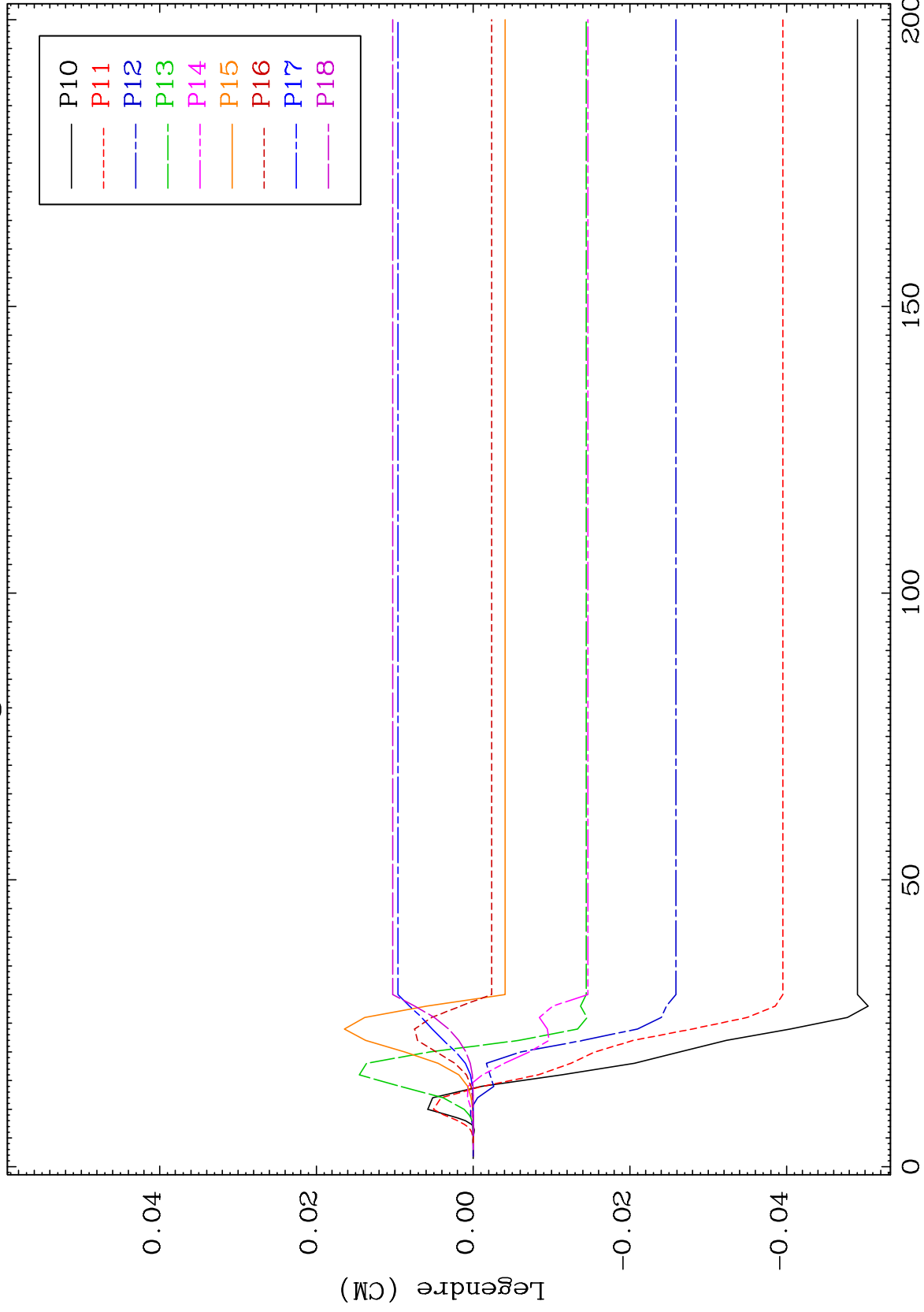
48-Cd-115



MAT 4852

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

48-Cd-115



24

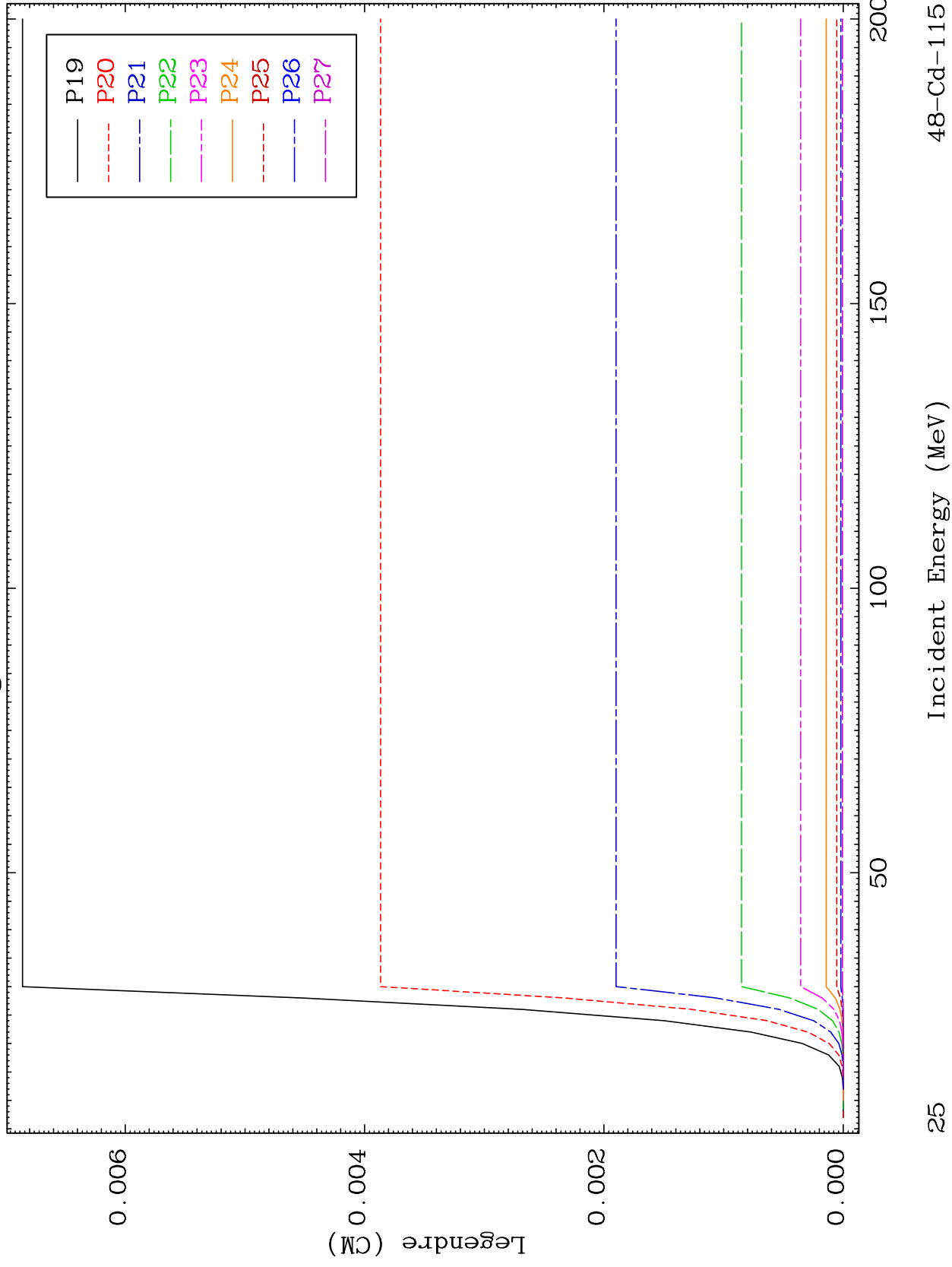
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



48-Cd-115

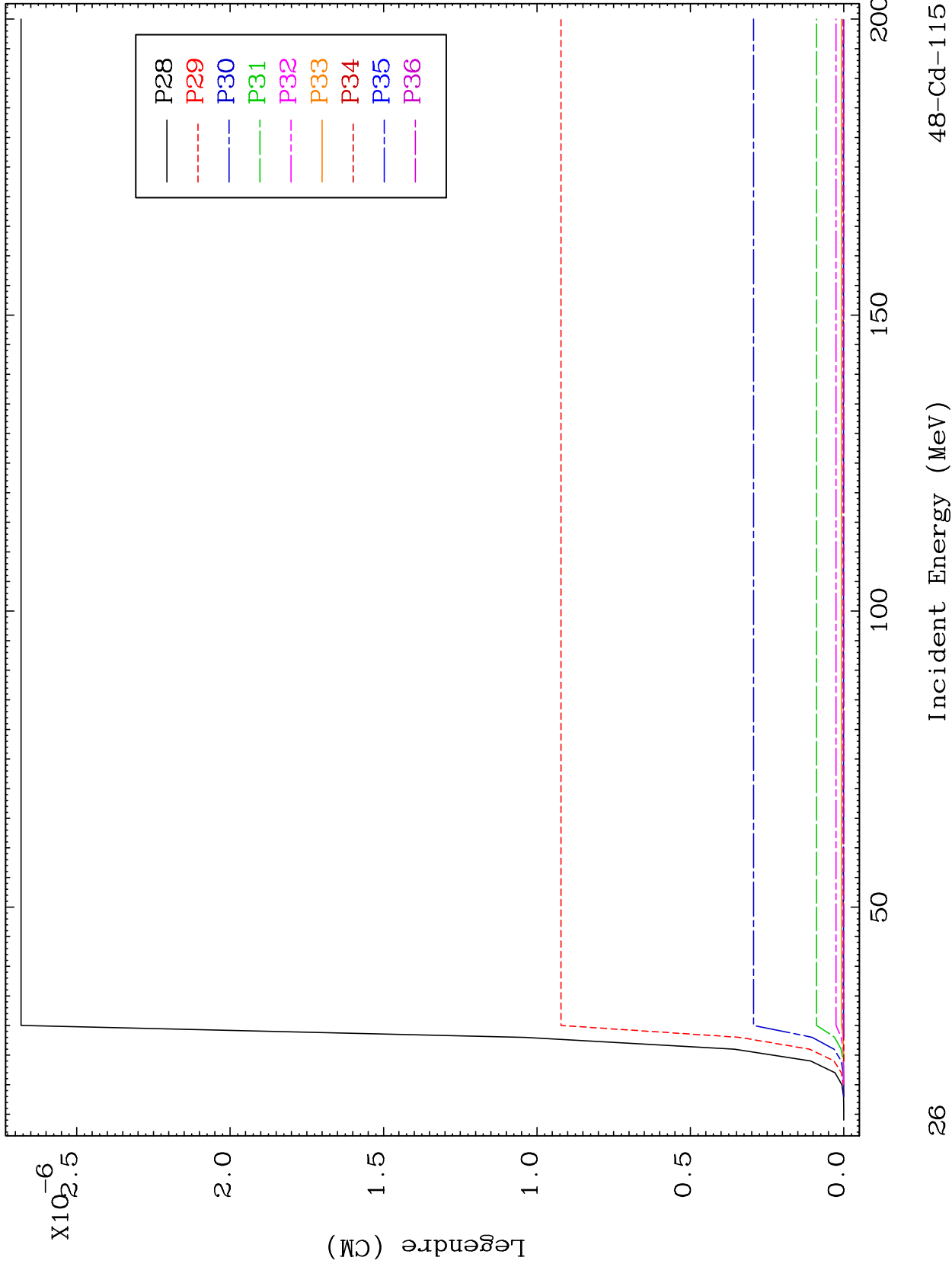
Incident Energy (MeV)

25

MAT 4852

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

48-Cd-115



26

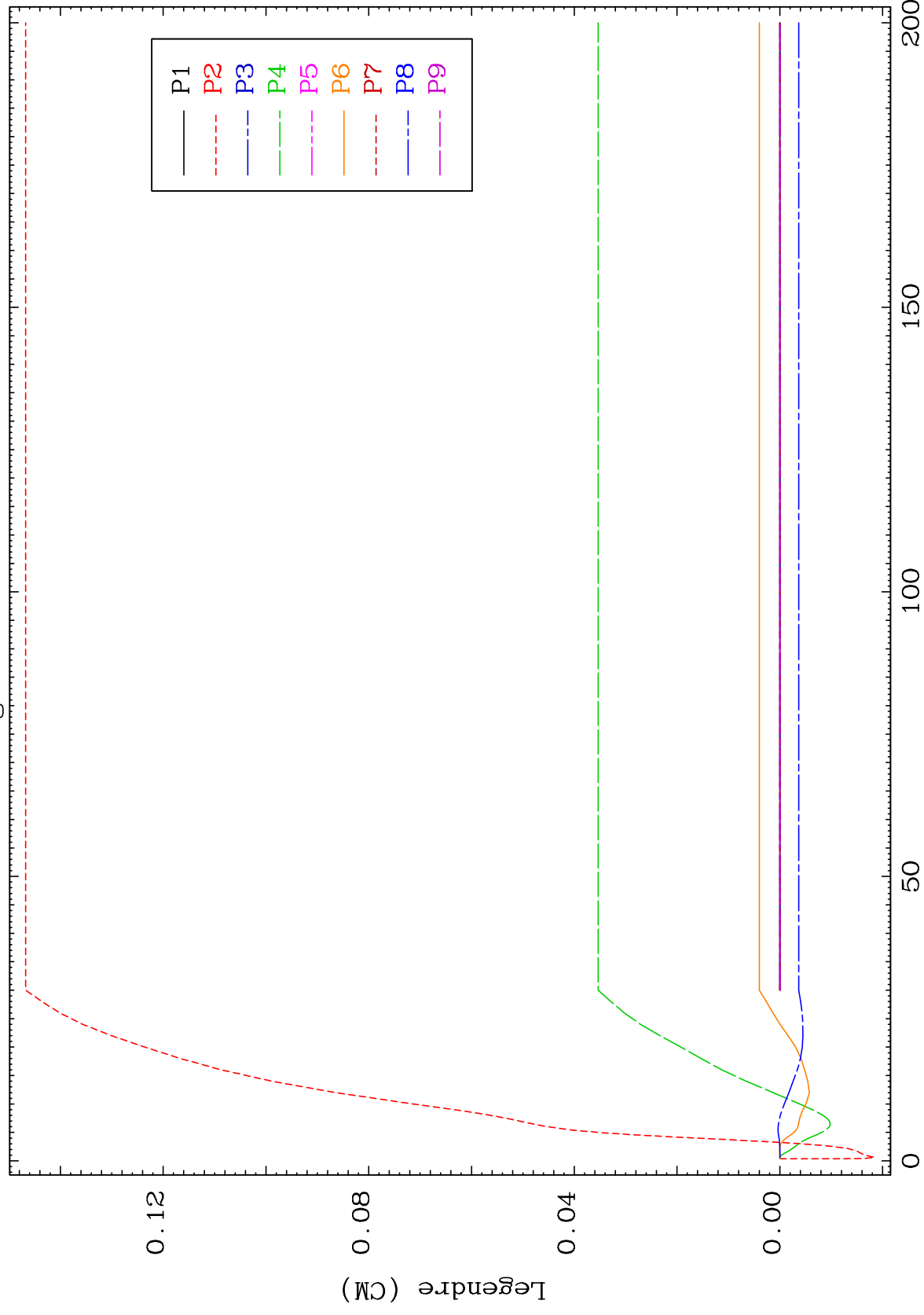
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



27

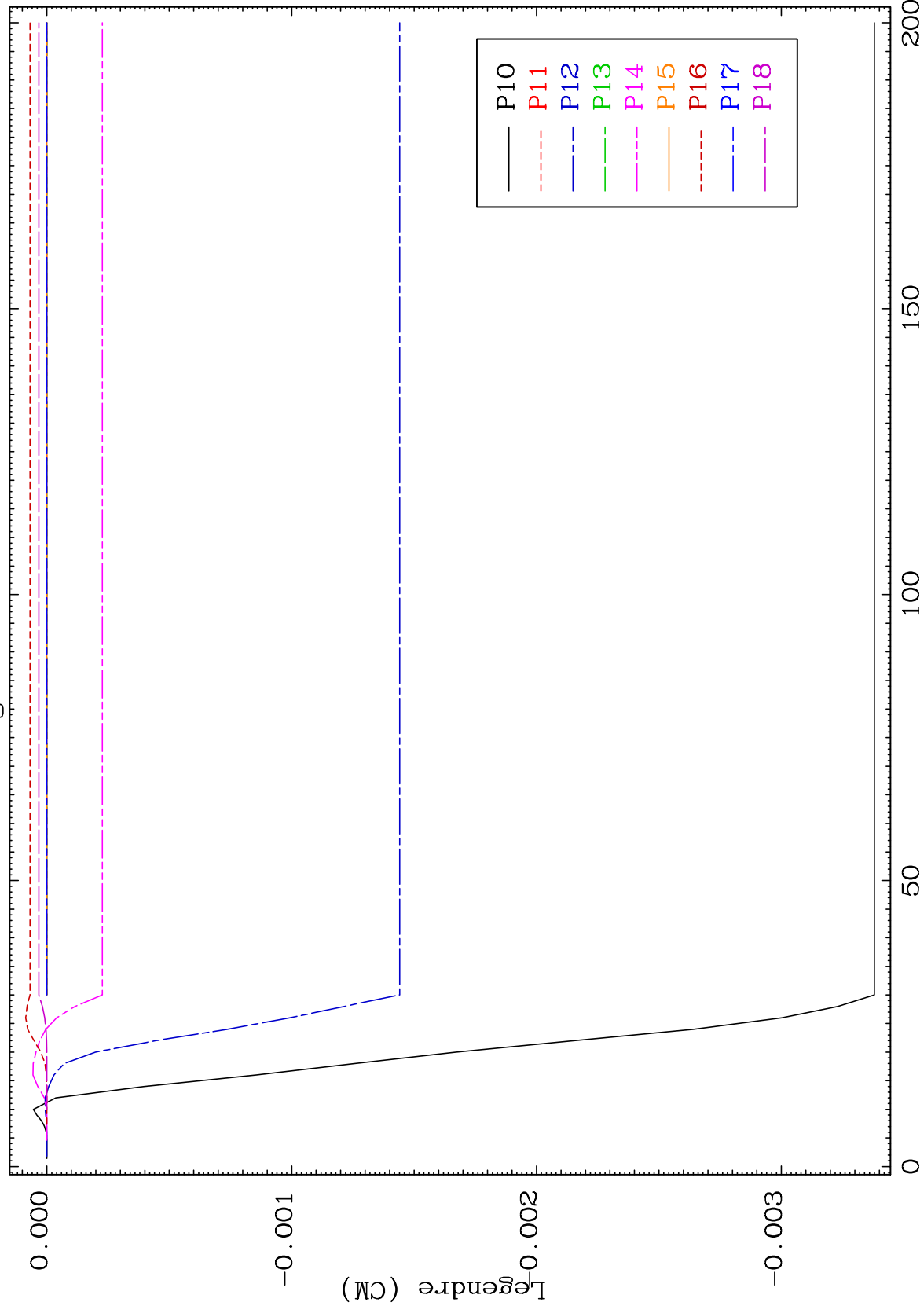
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

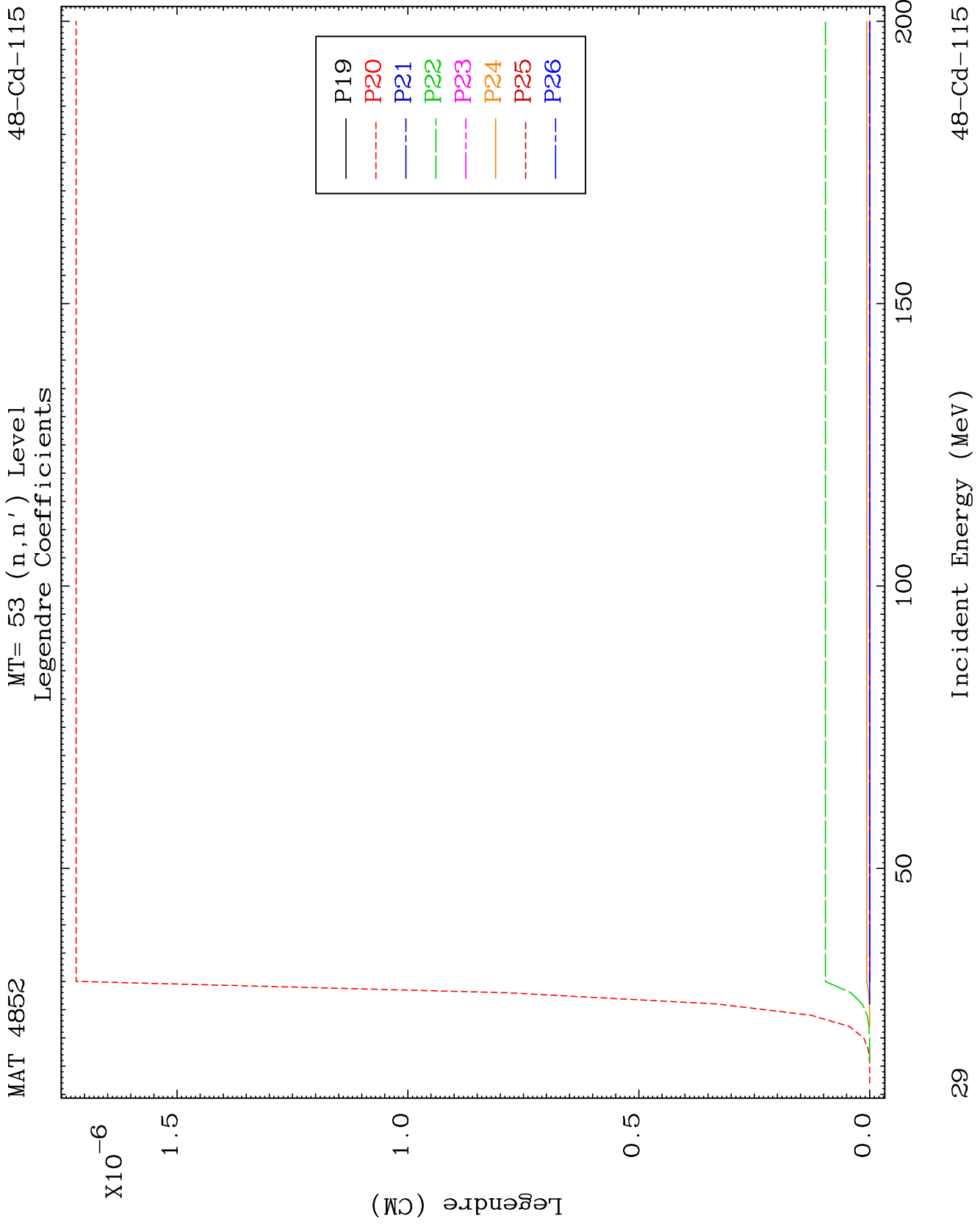
48-Cd-115

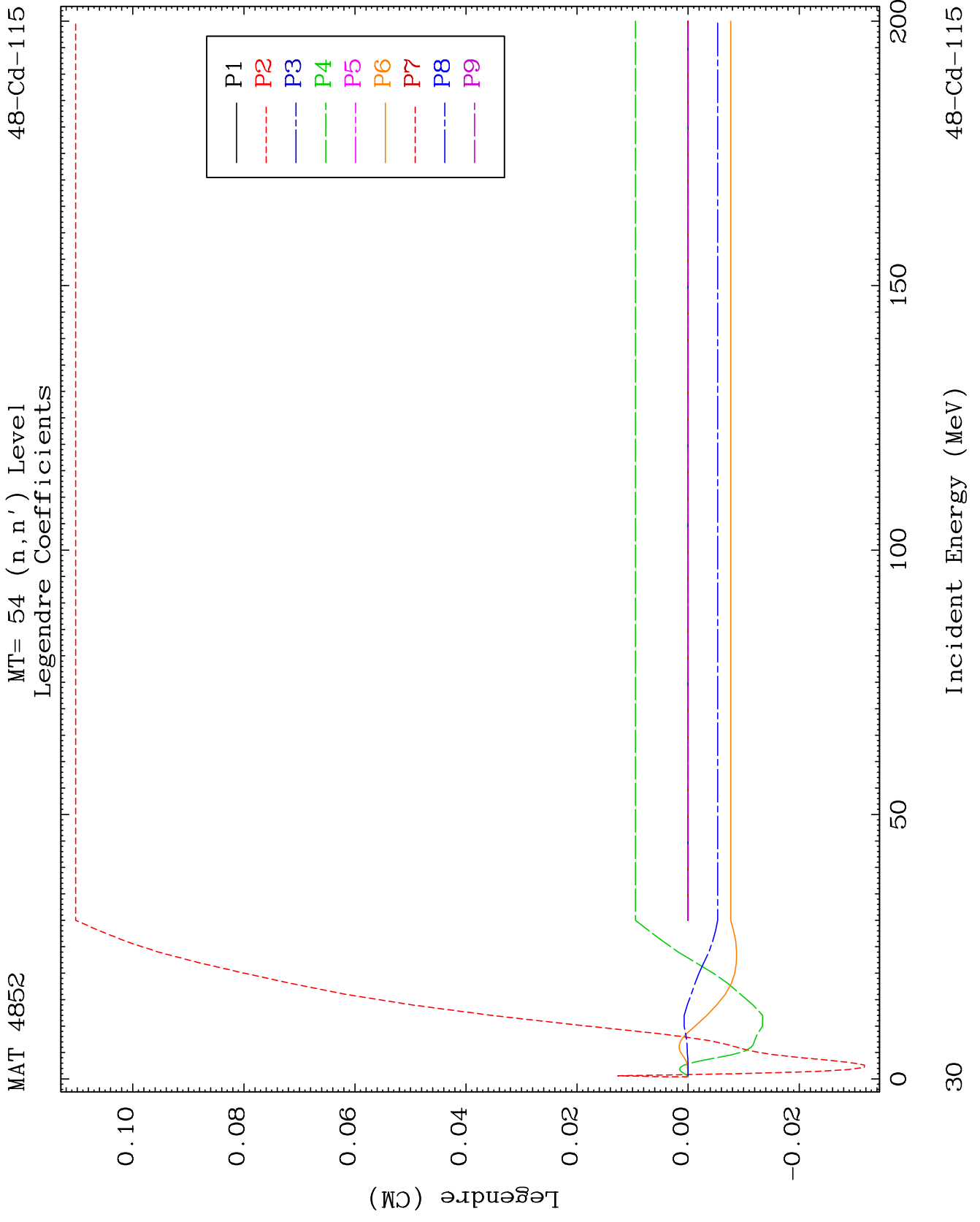


28

Incident Energy (MeV)

48-Cd-115

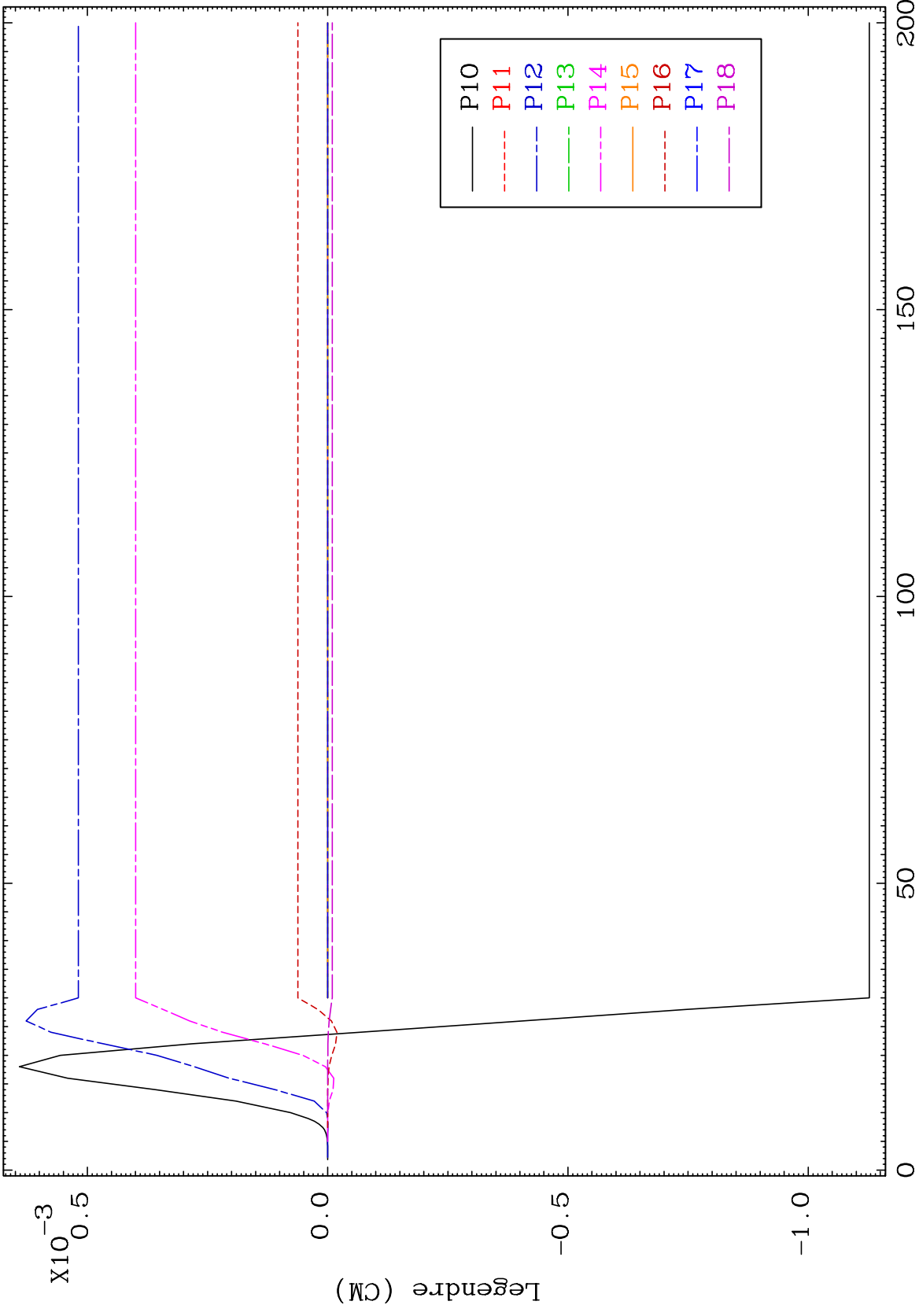




MAT 4852

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

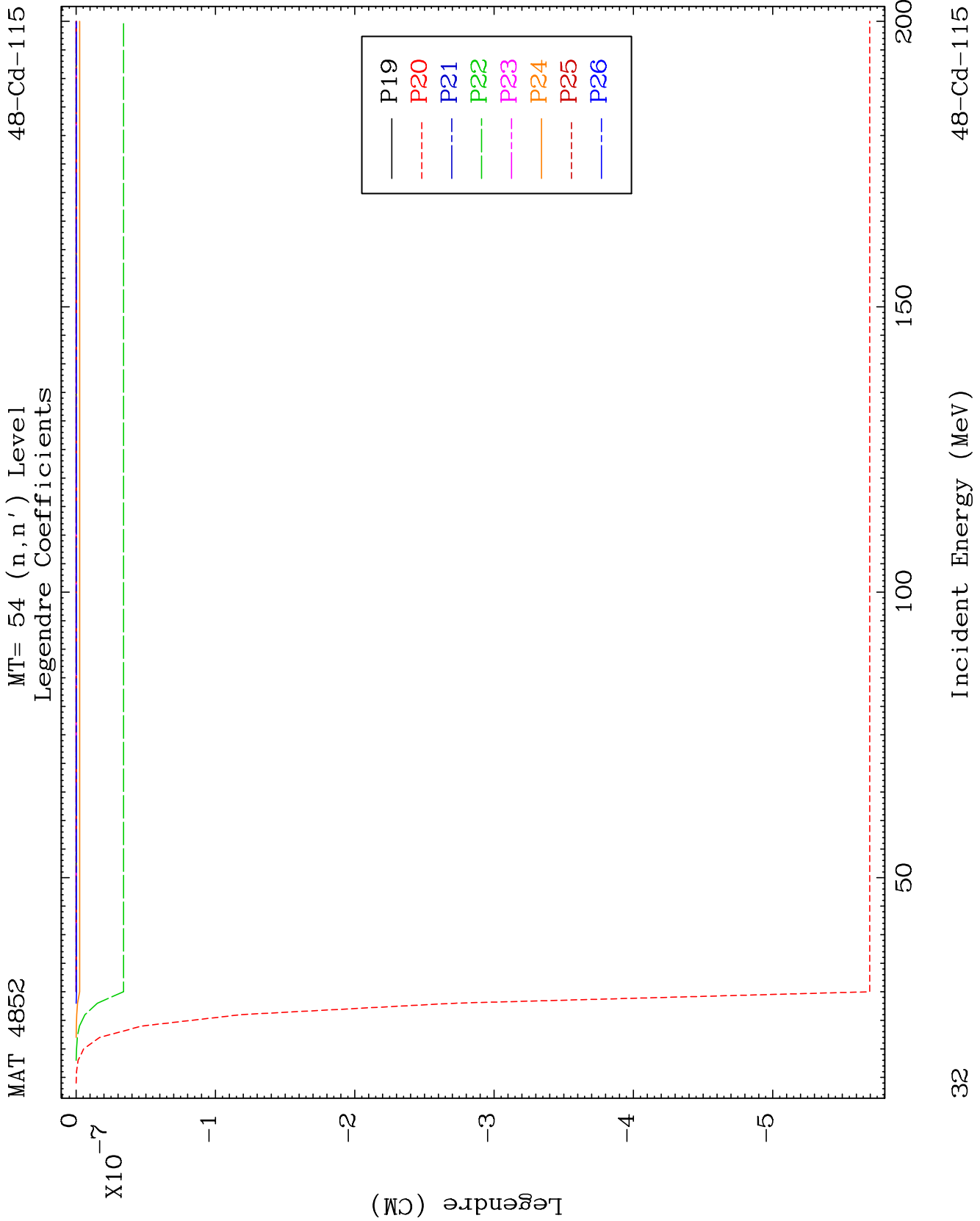
48-Cd-115



31

Incident Energy (MeV)

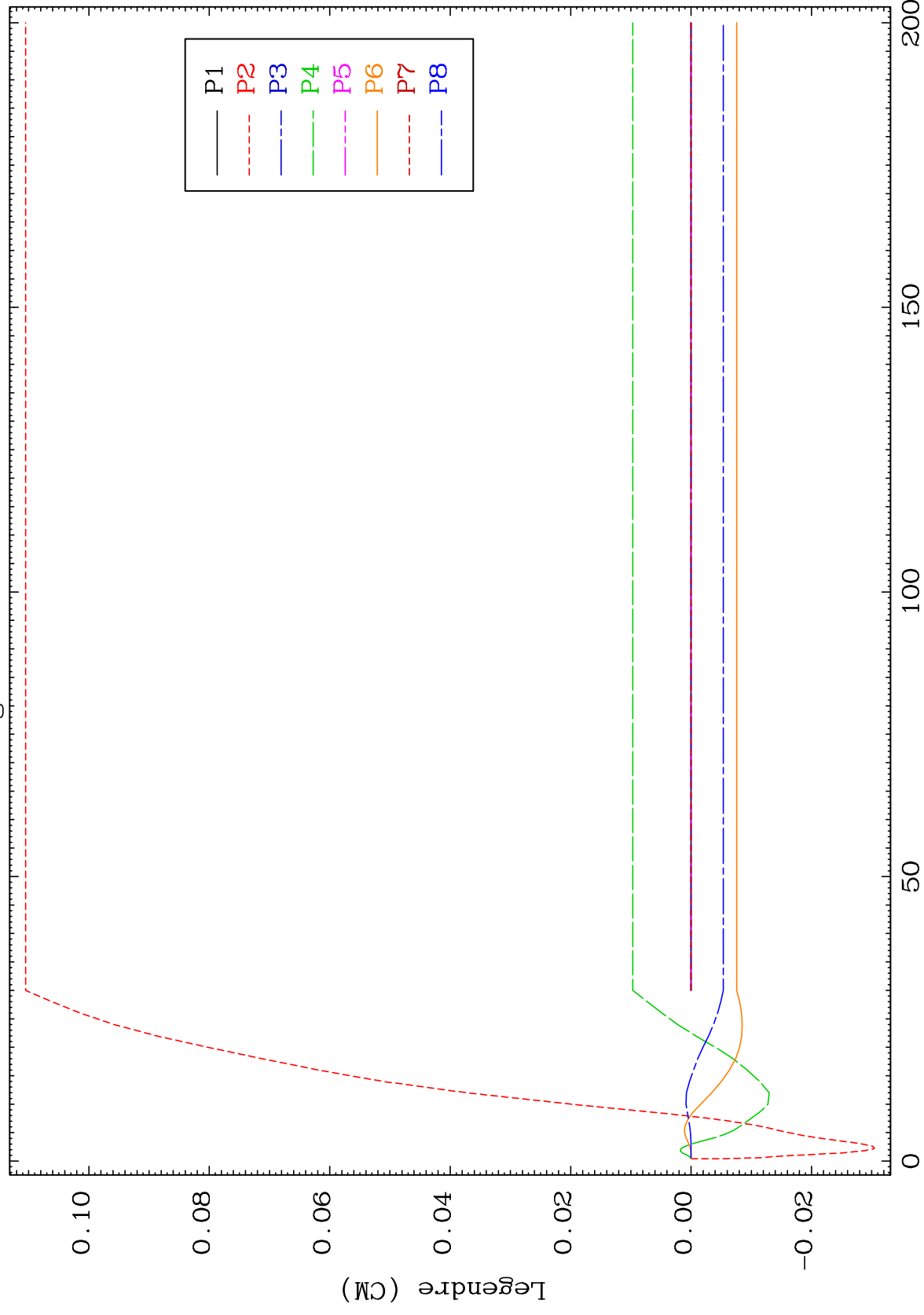
48-Cd-115



MAT 4852

MT= 55 (n,n') Level
Legendre Coefficients

48-Cd-115



48-Cd-115

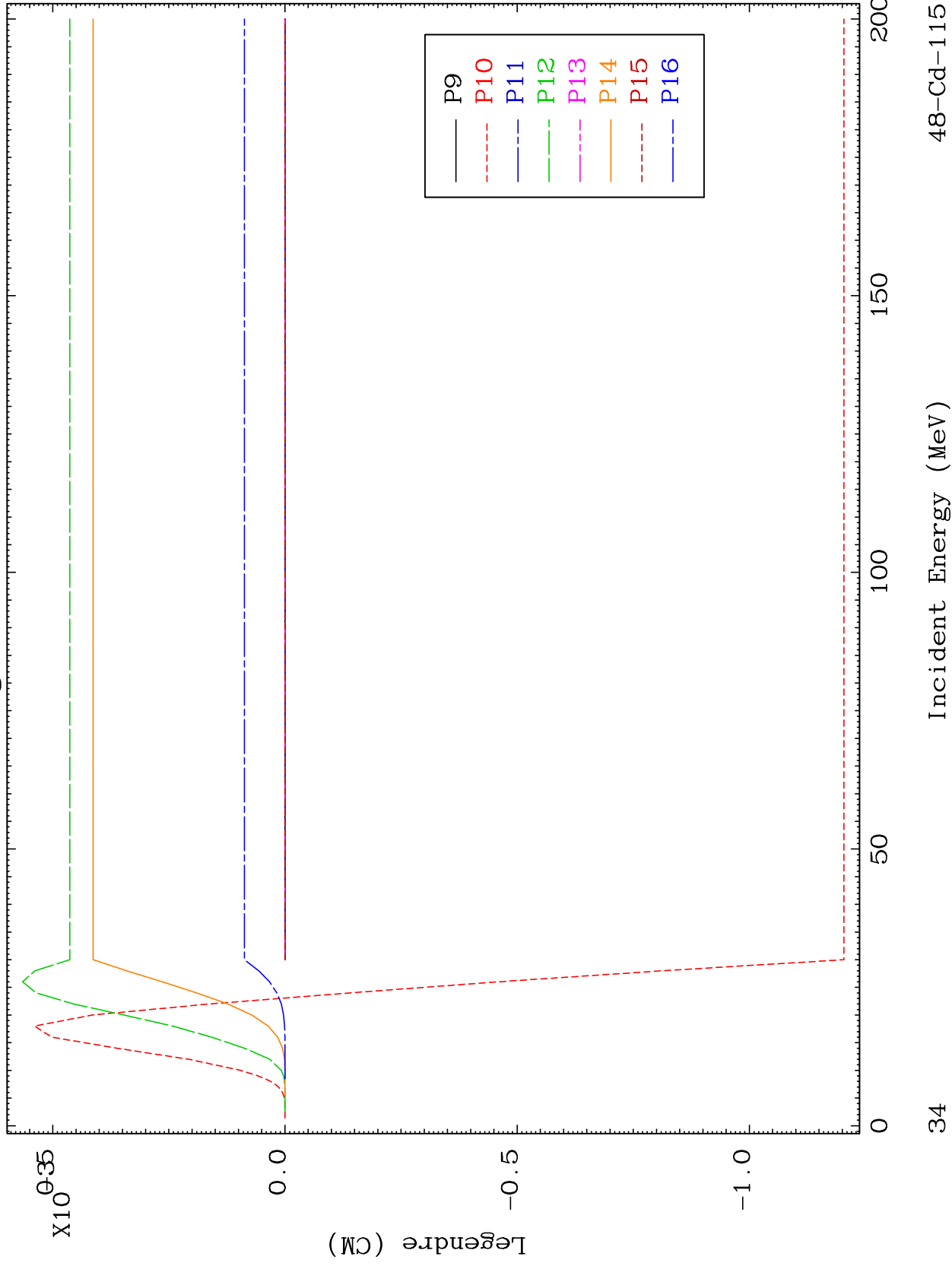
Incident Energy (MeV)

33

MAT 4852

MT= 55 (n,n') Level
Legendre Coefficients

48-Cd-115



34

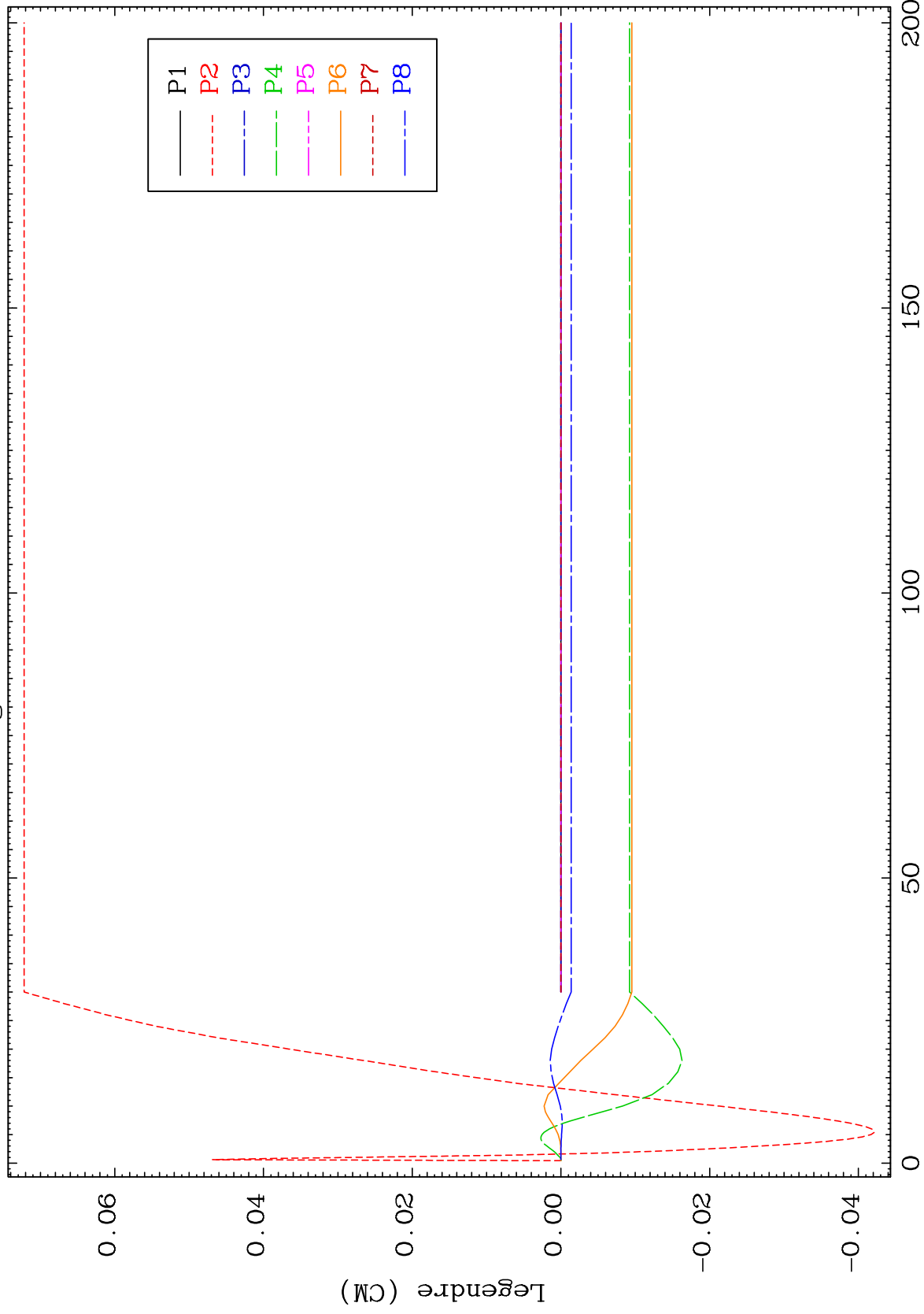
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



36

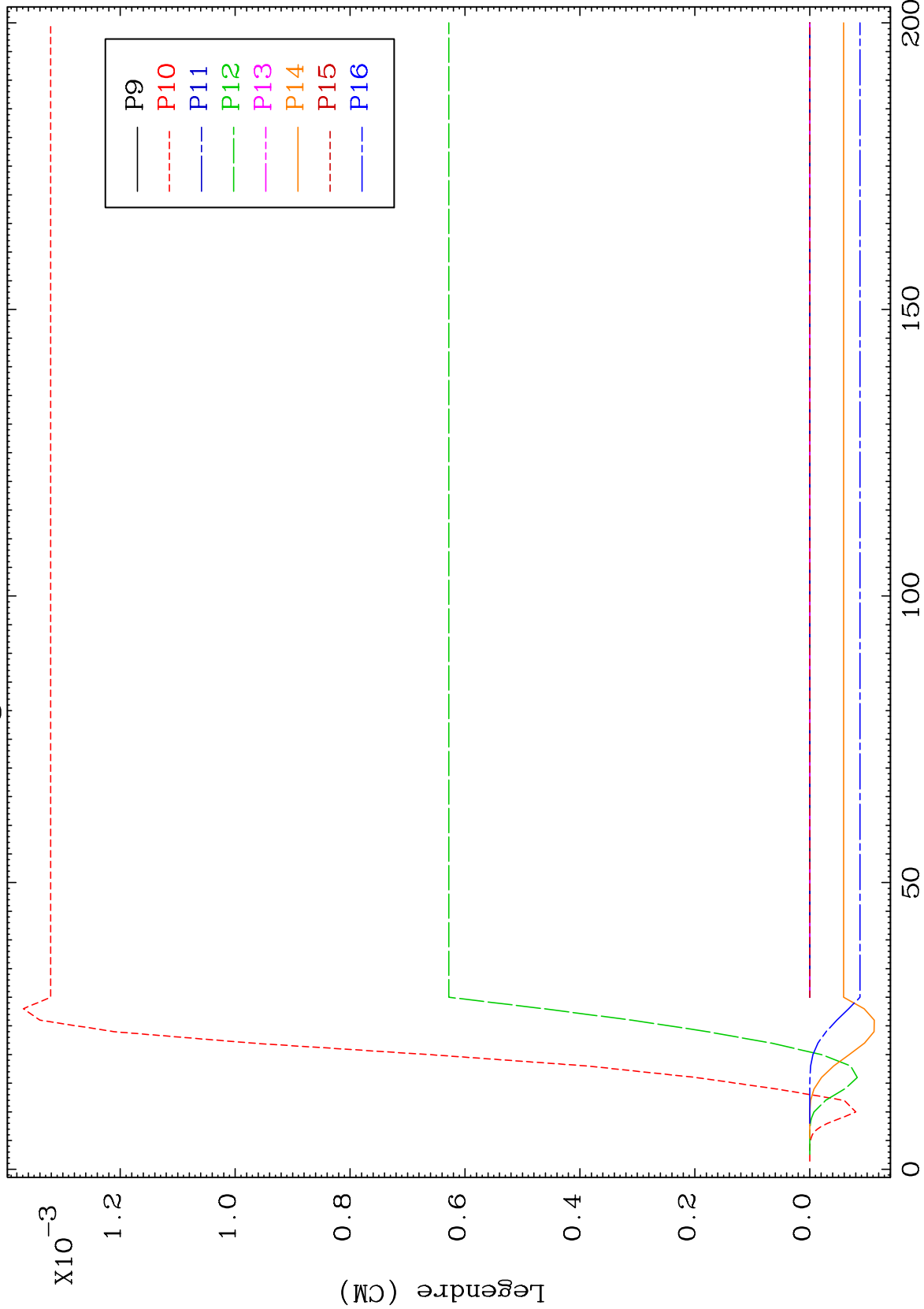
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

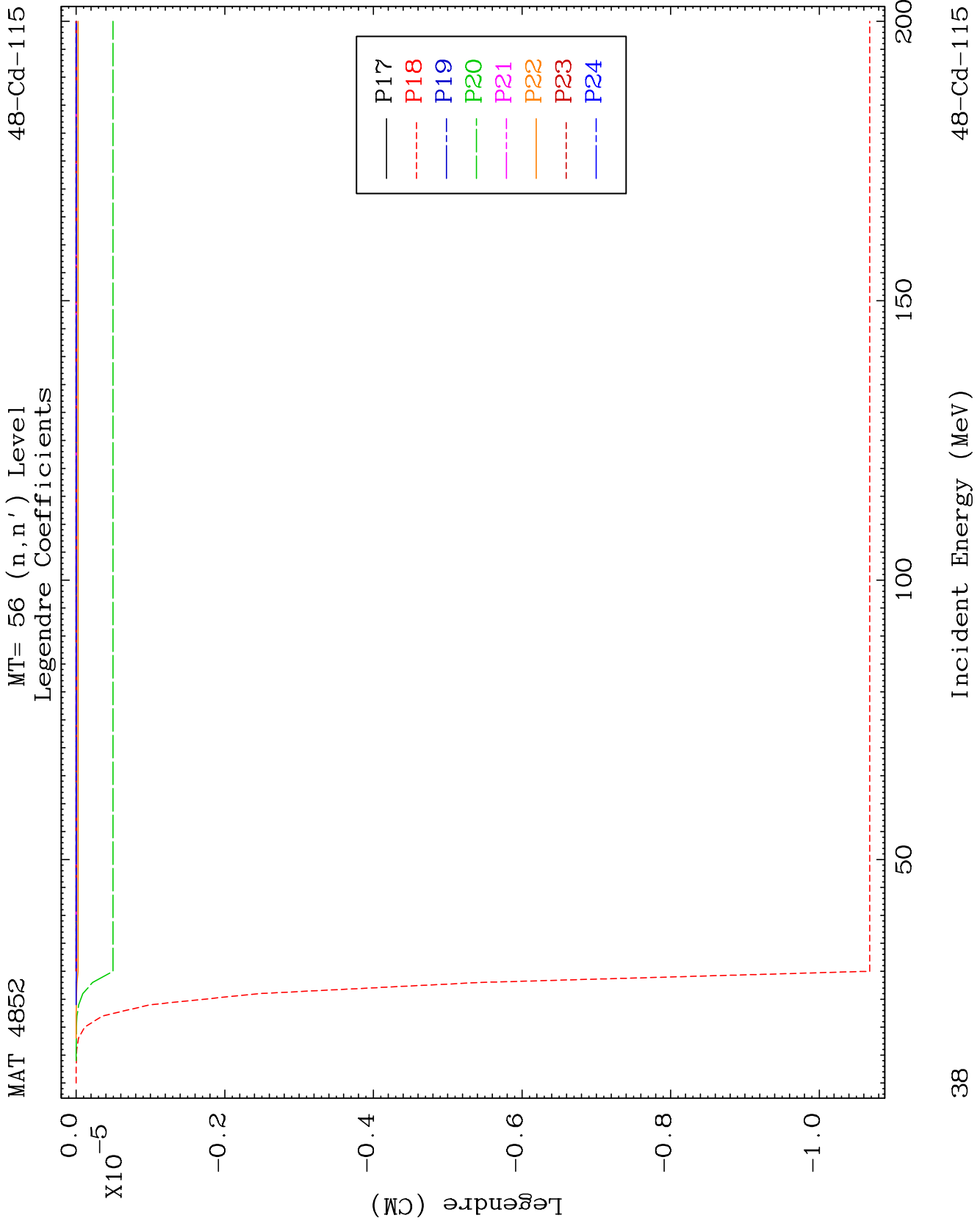
48-Cd-115



37

Incident Energy (MeV)

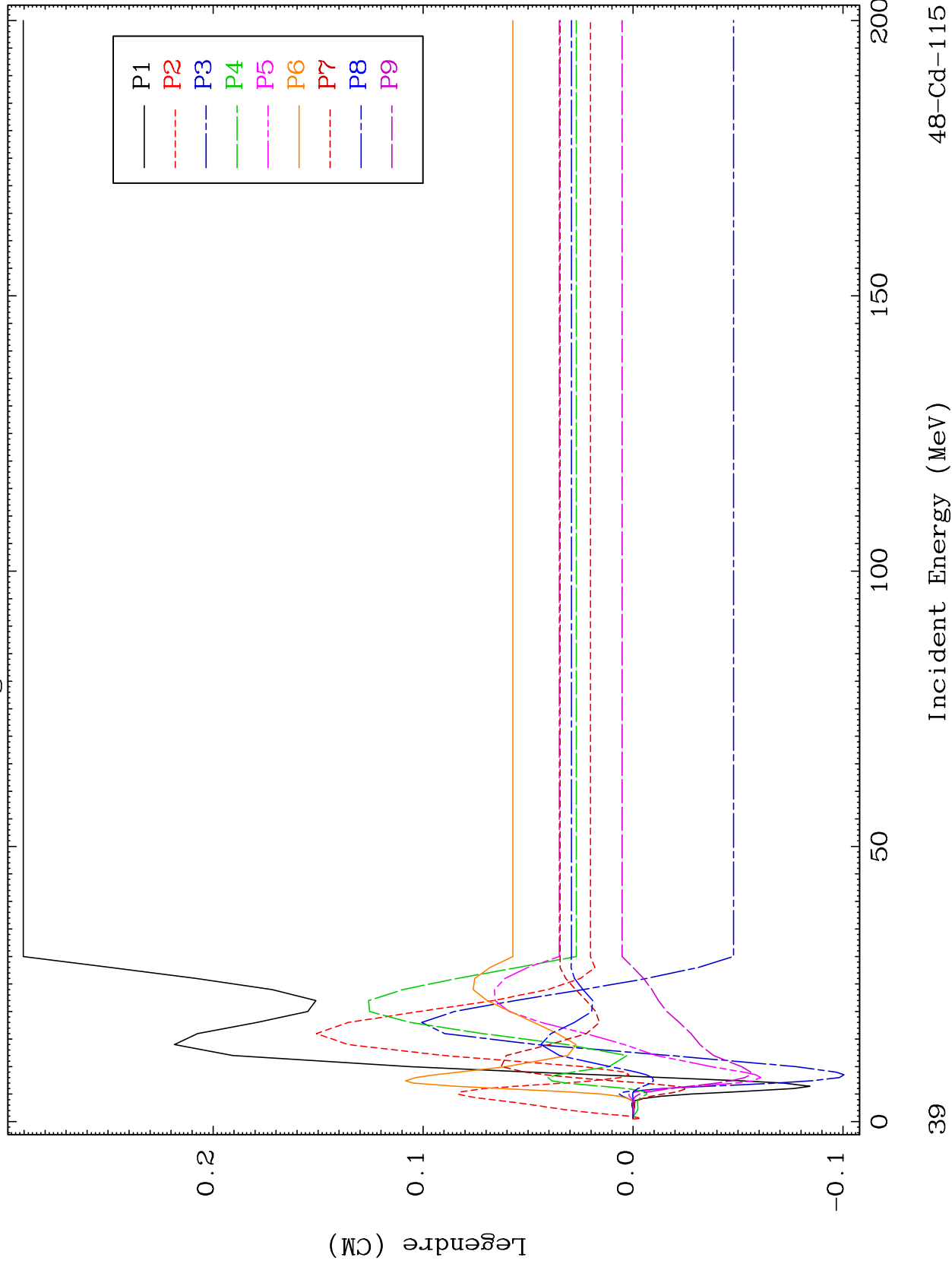
48-Cd-115



MAT 4852

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

48-Cd-115



39

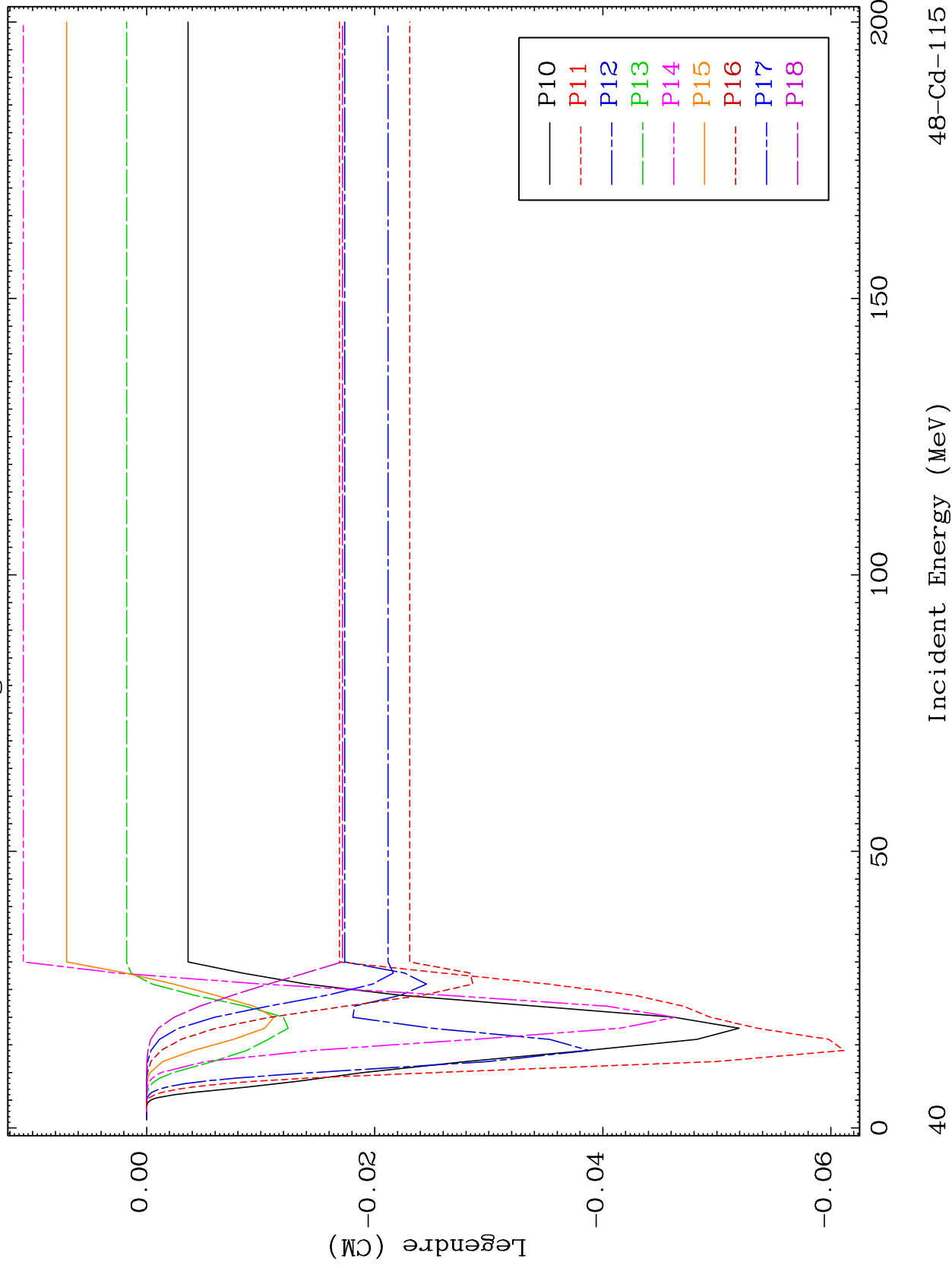
Incident Energy (MeV)

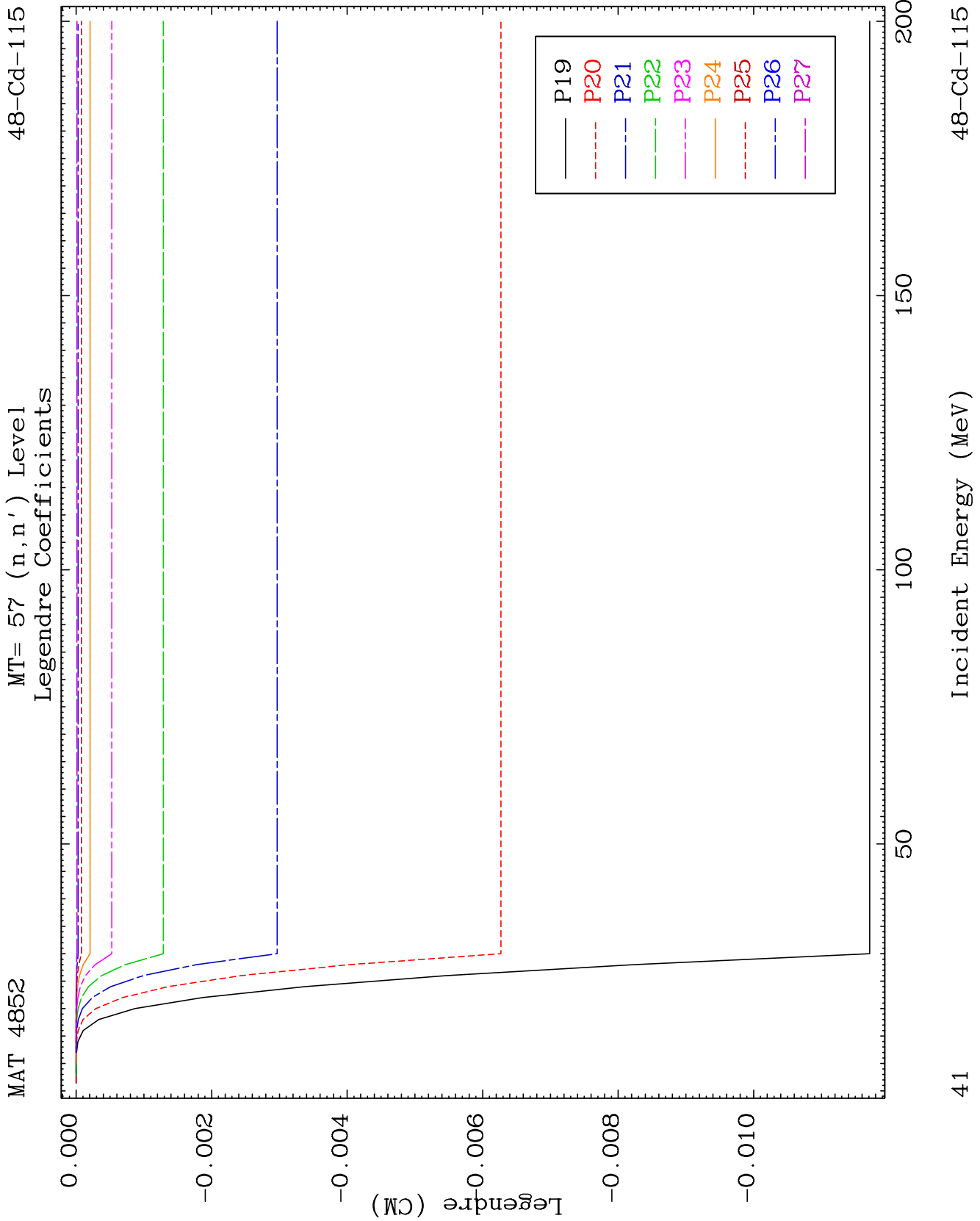
48-Cd-115

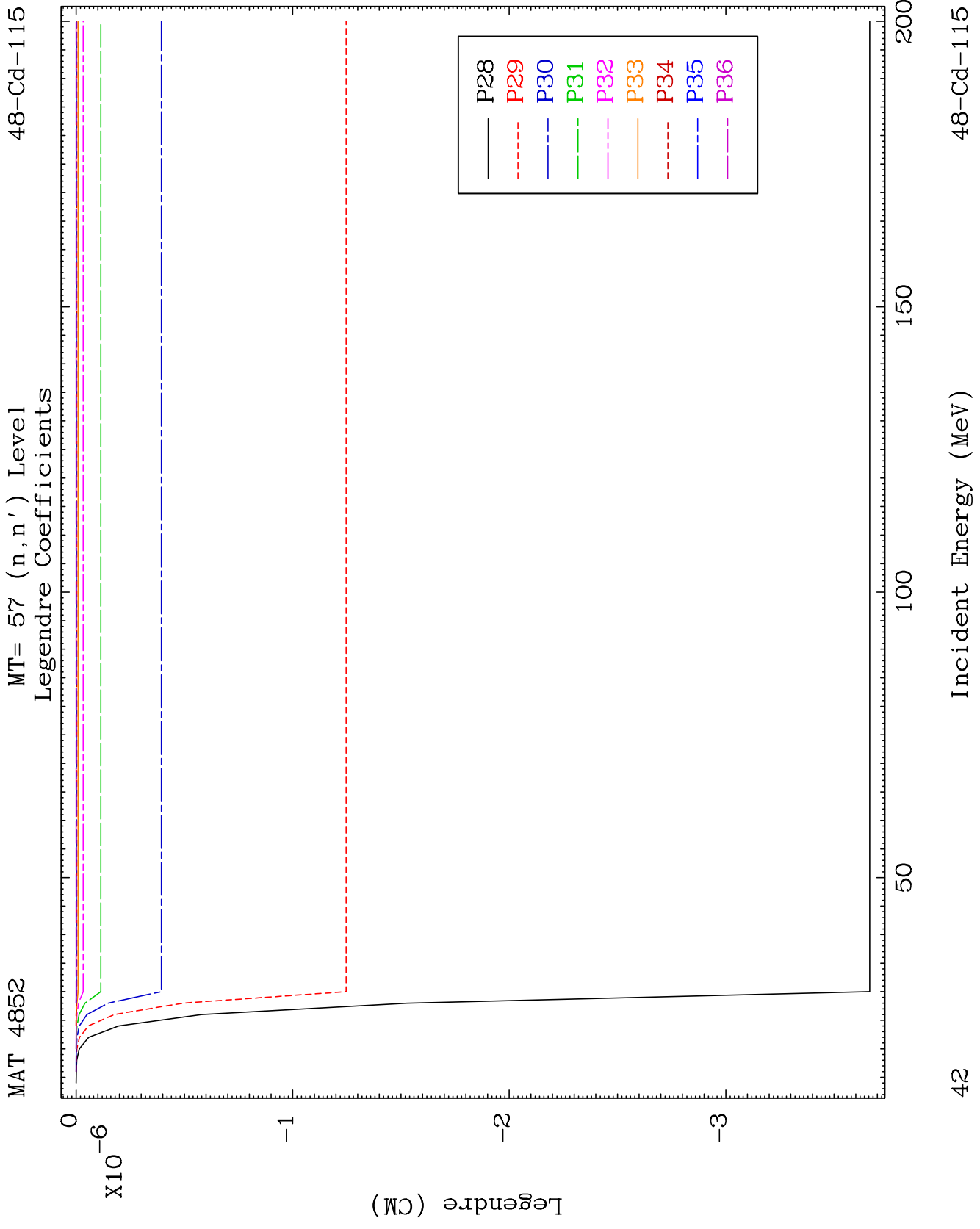
MAT 4852

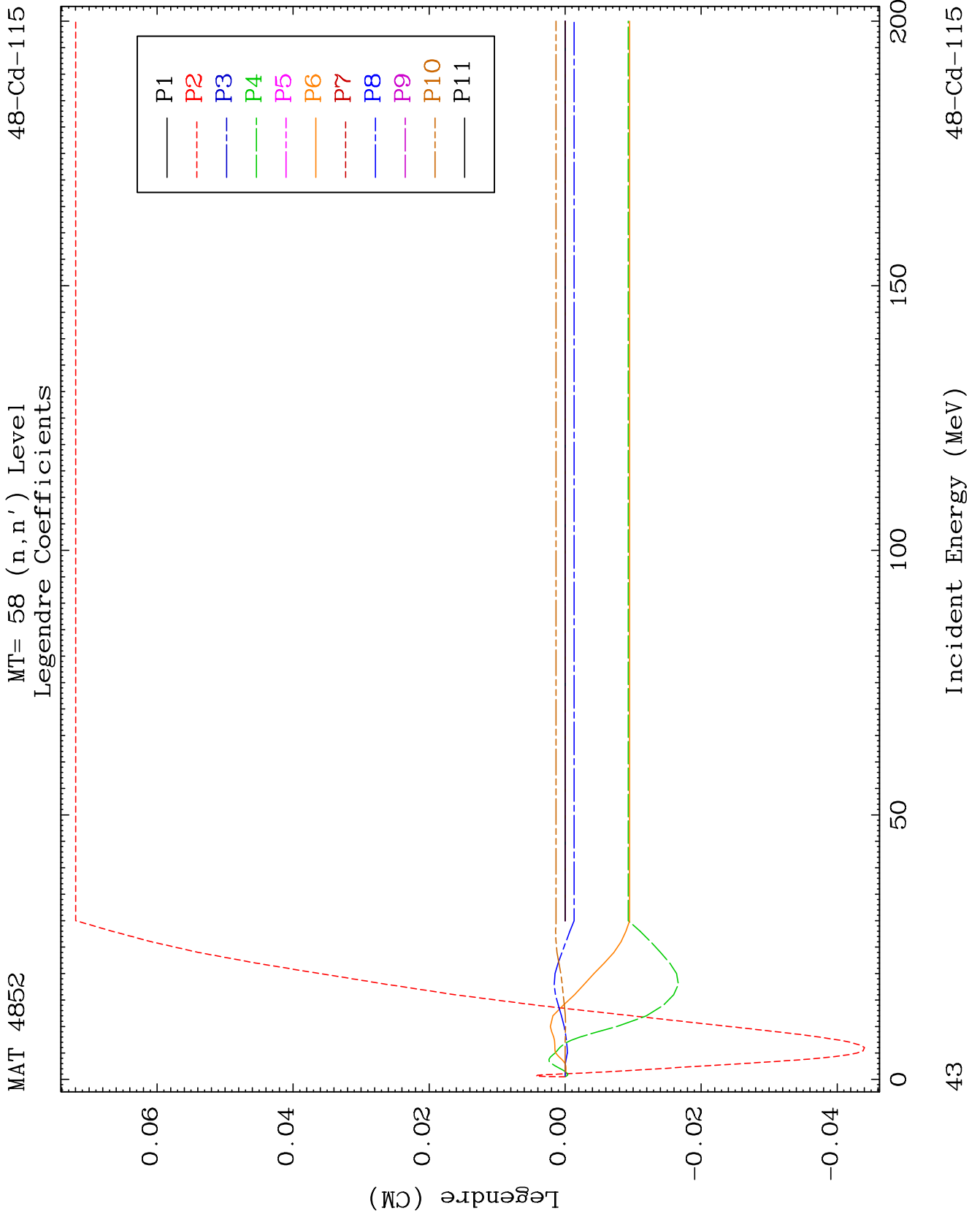
MT= 57 (n,n') Level
Legendre Coefficients

48-Cd-115





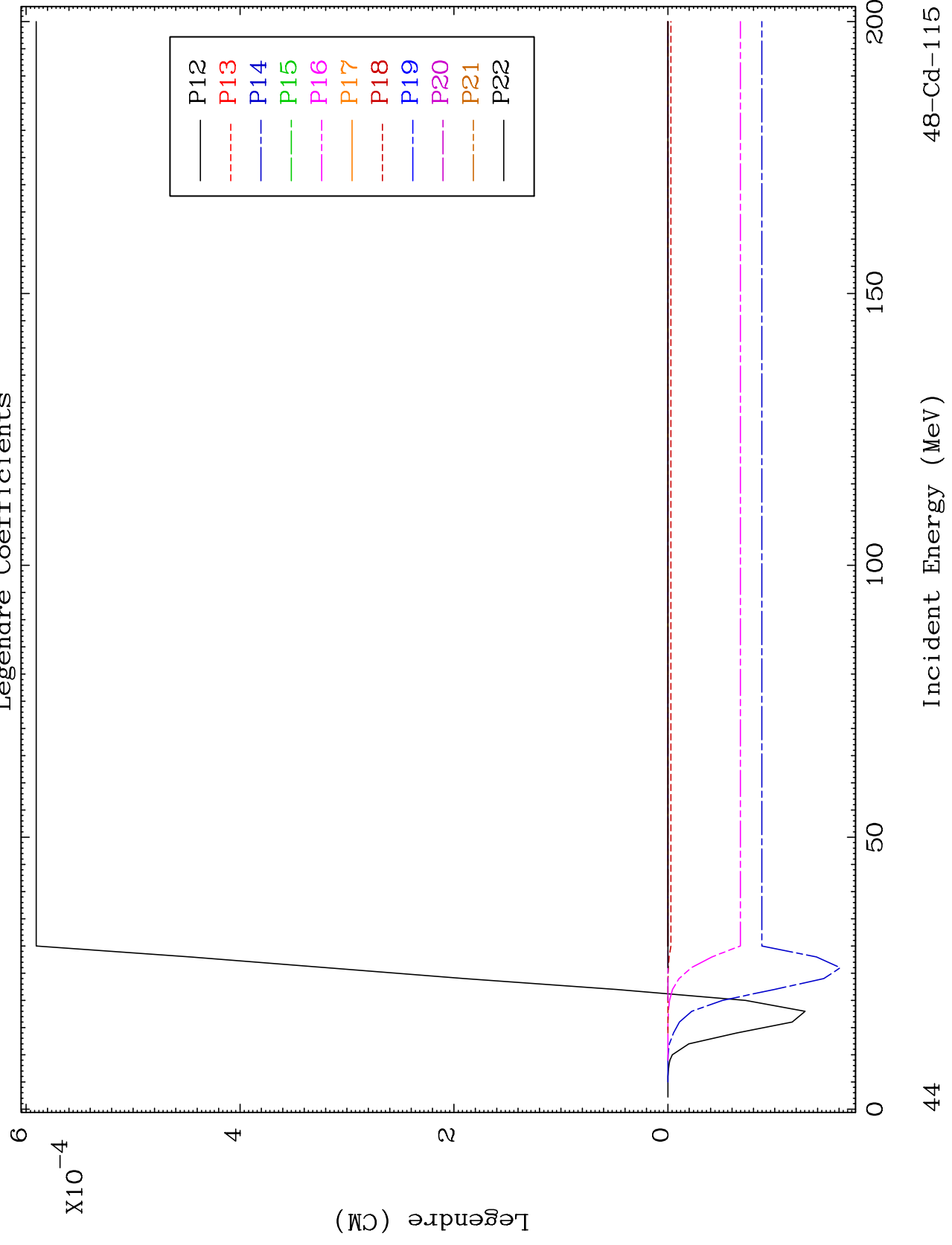




MAT 4852

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

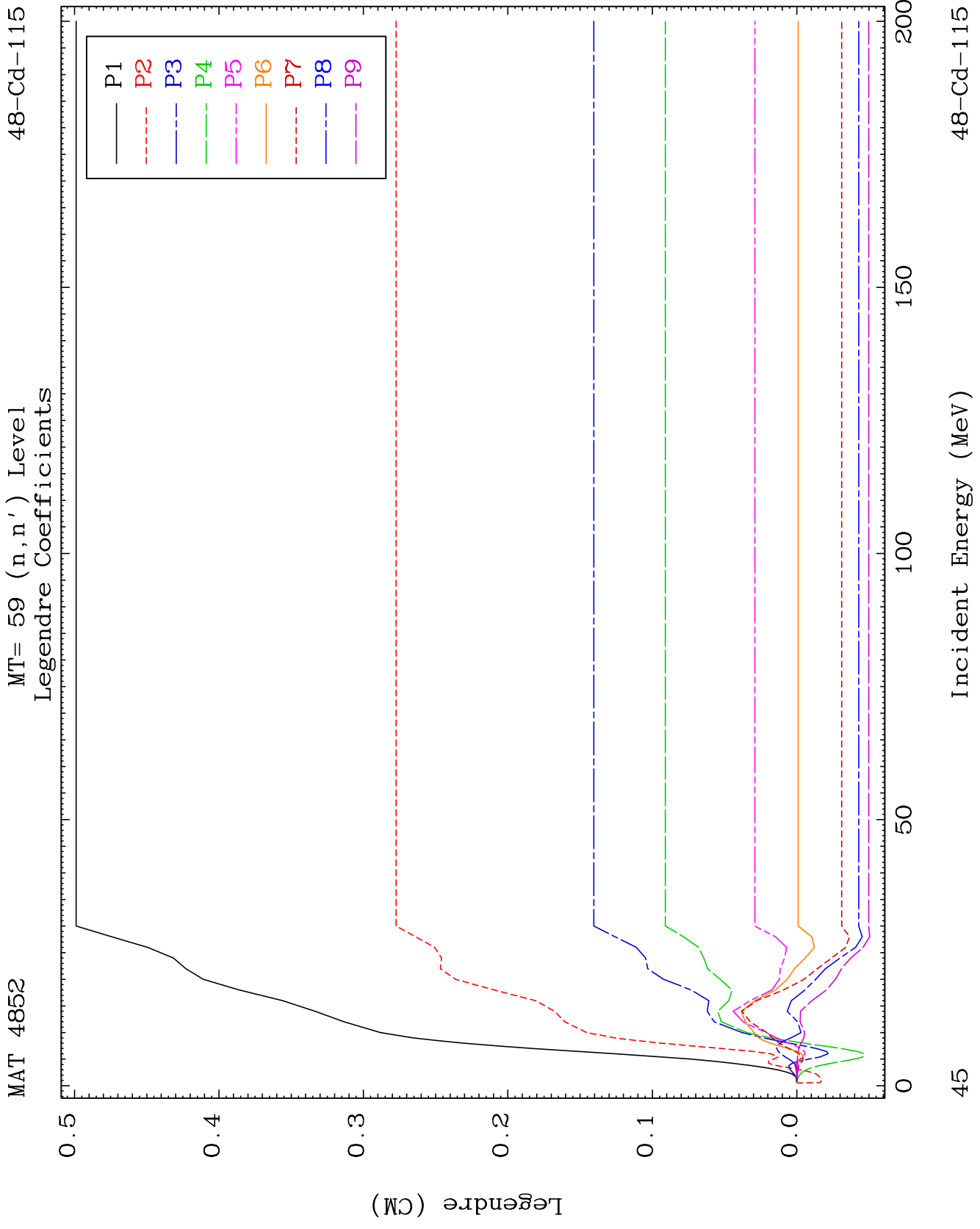
48-Cd-115



44

Incident Energy (MeV)

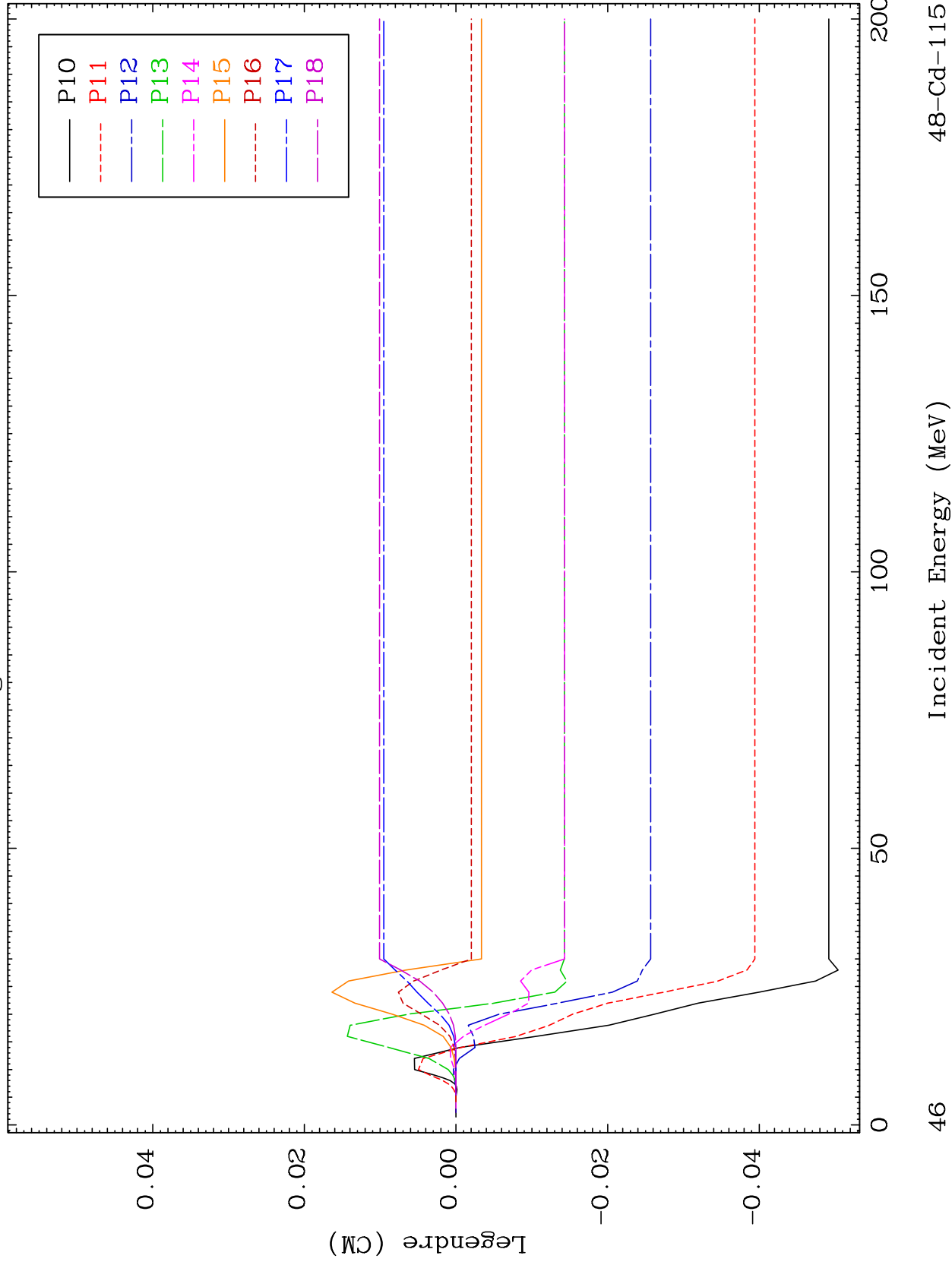
48-Cd-115



MAT 4852

MT= 59 (n,n') Level
Legendre Coefficients

48-Cd-115



48-Cd-115

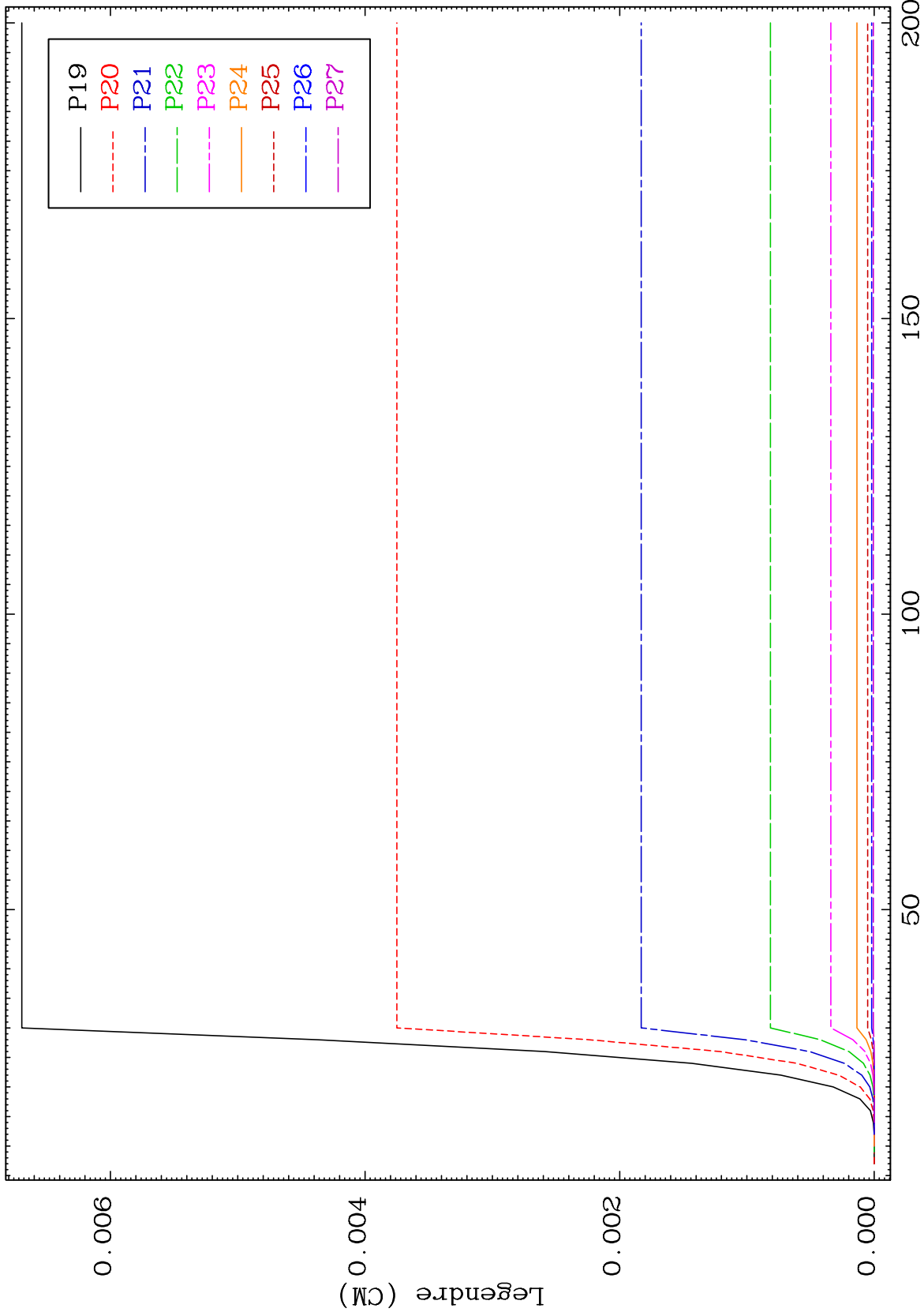
Incident Energy (MeV)

46

MAT 4852

MT= 59 (n,n') Level
Legendre Coefficients

48-Cd-115



47

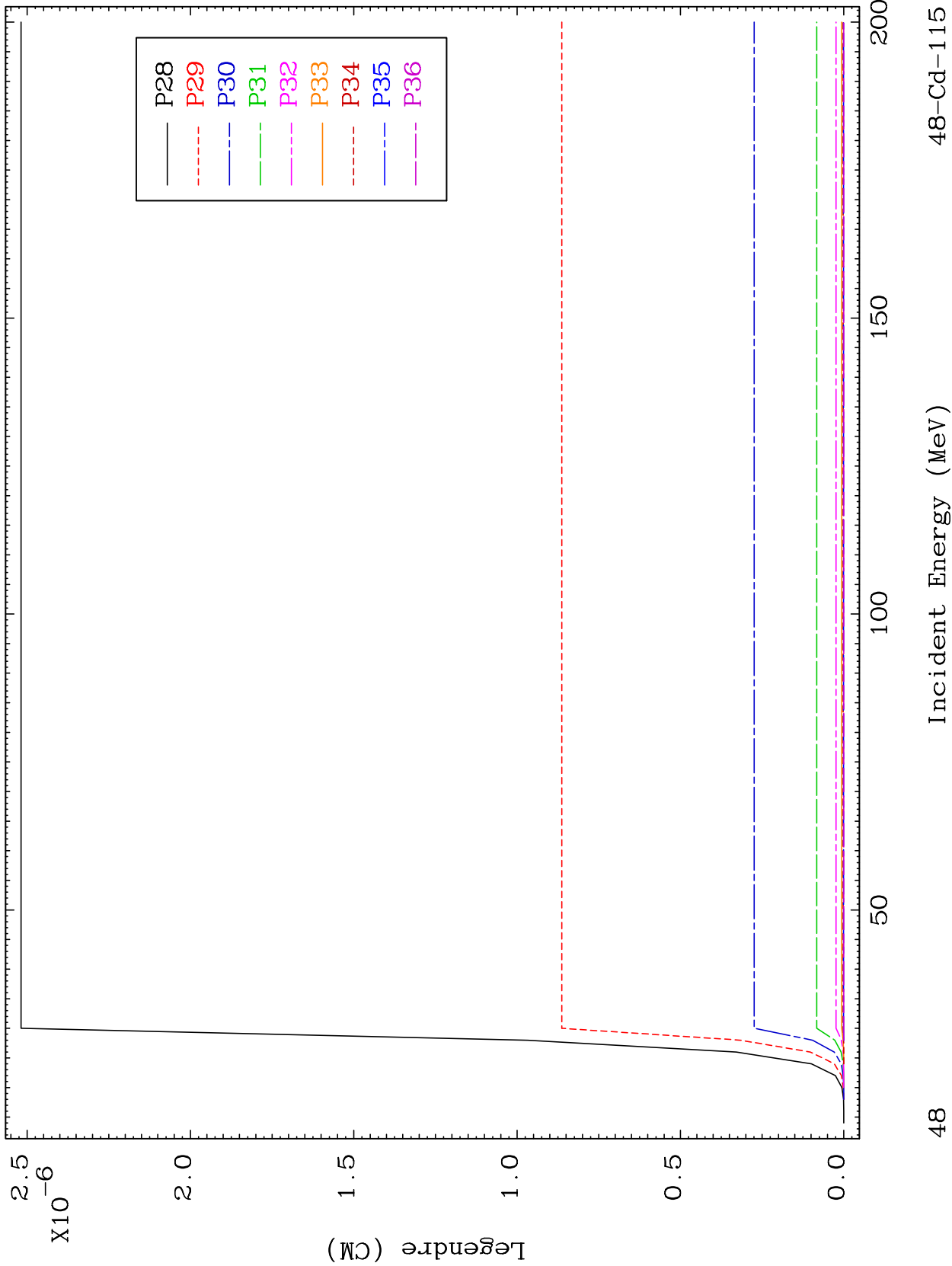
Incident Energy (MeV)

48-Cd-115

MAT 4852

MT= 59 (n,n') Level
Legendre Coefficients

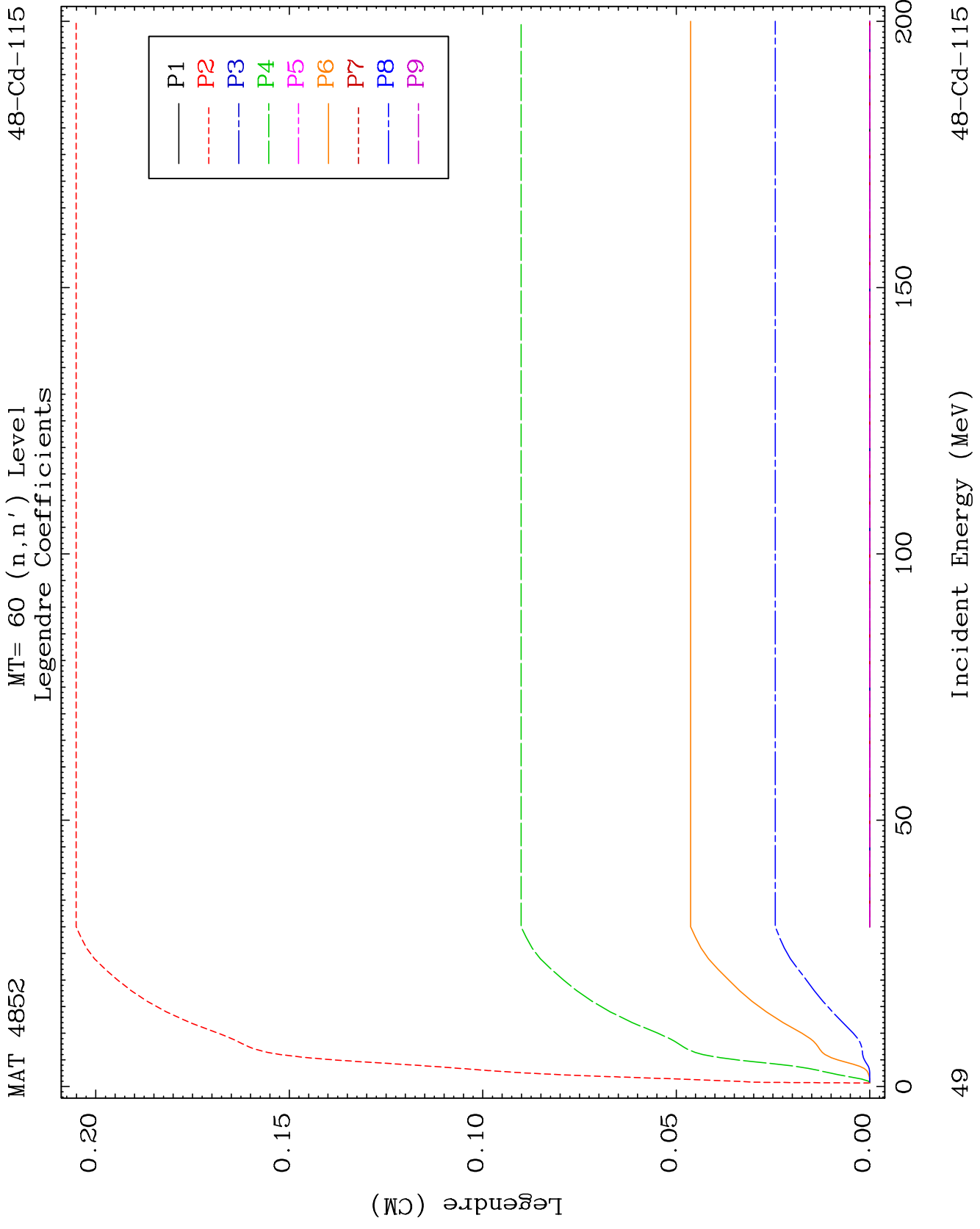
48-Cd-115



48

Incident Energy (MeV)

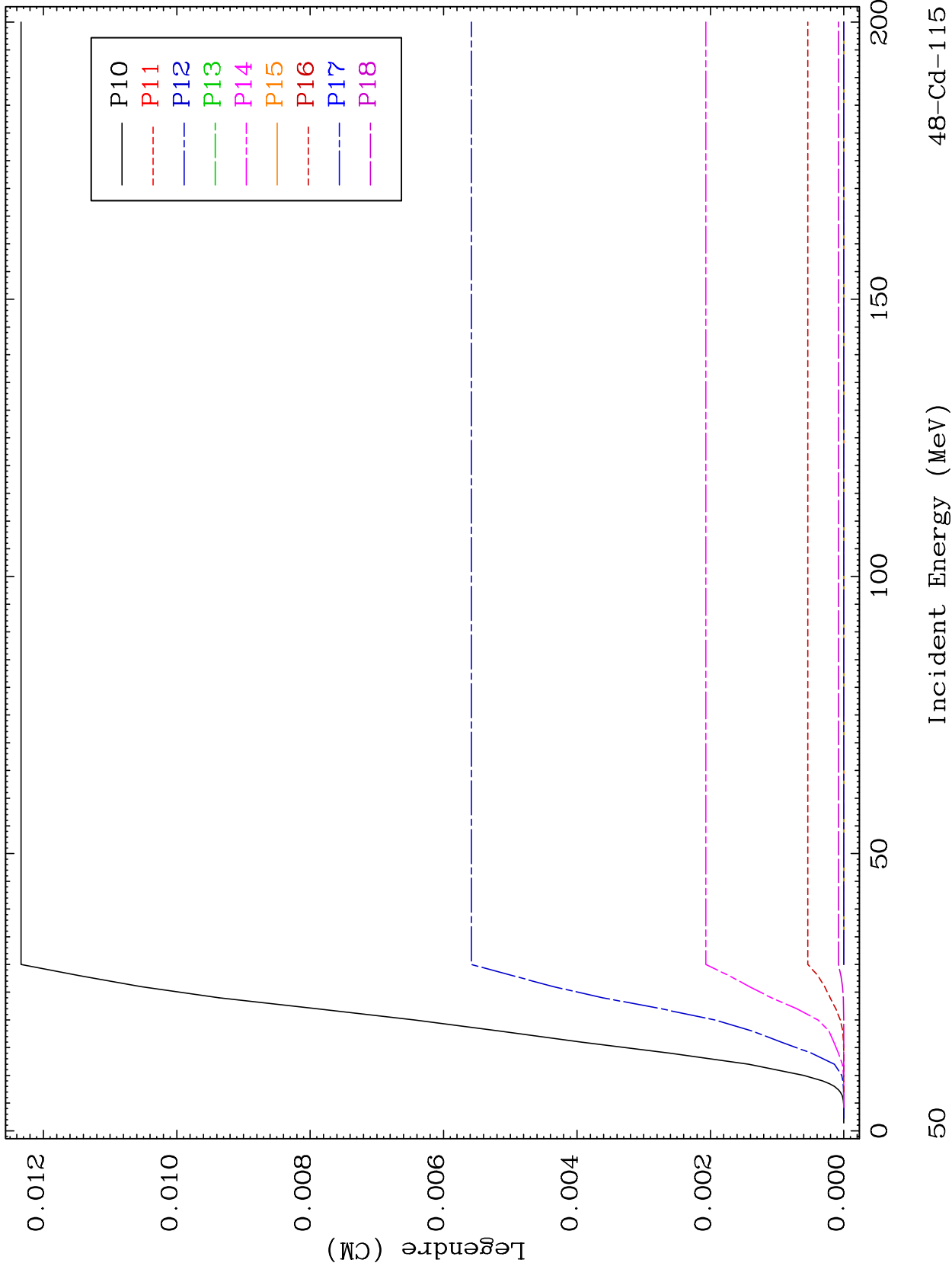
48-Cd-115



MAT 4852

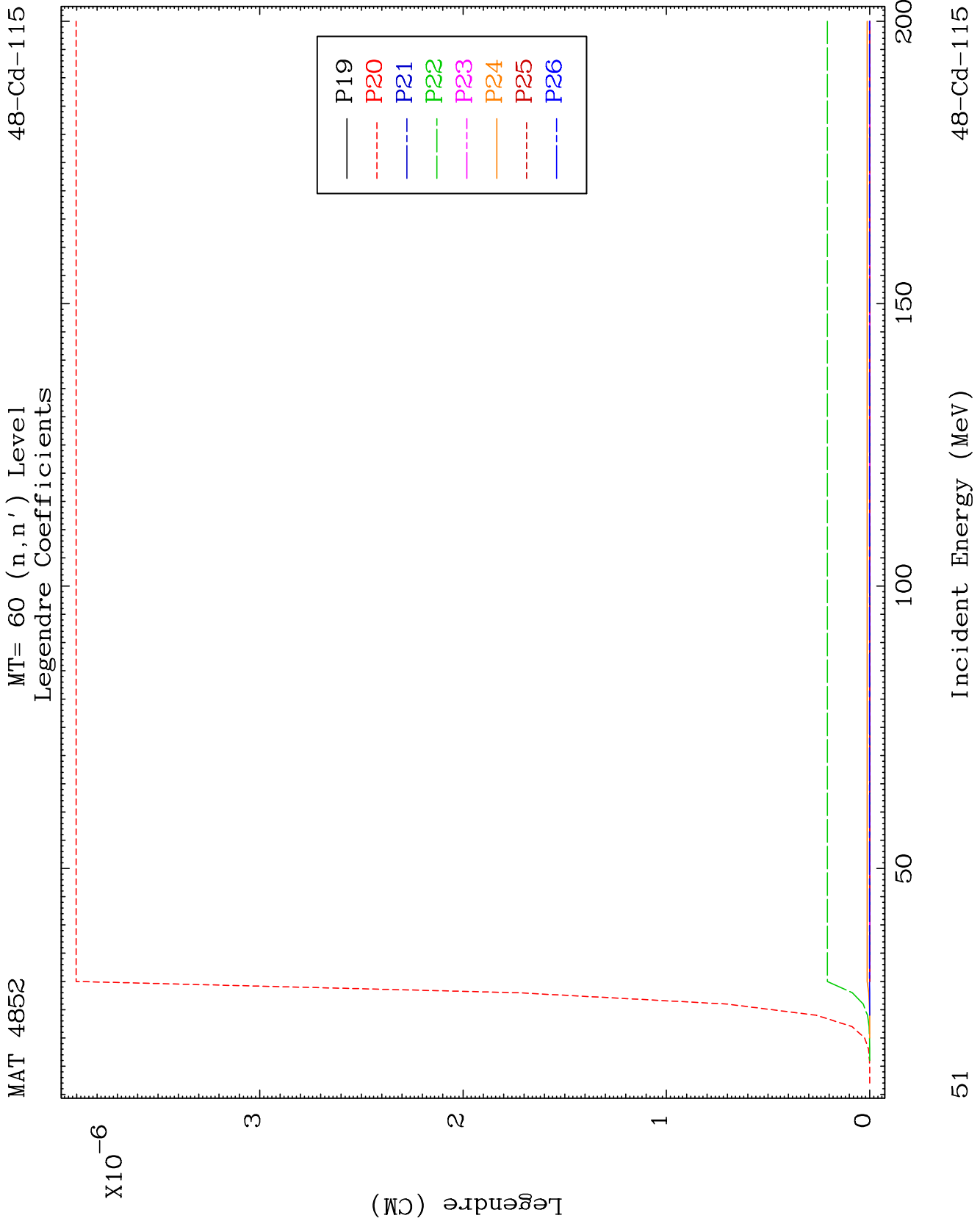
MT= 60 (n,n') Level
Legendre Coefficients

48-Cd-115



48-Cd-115

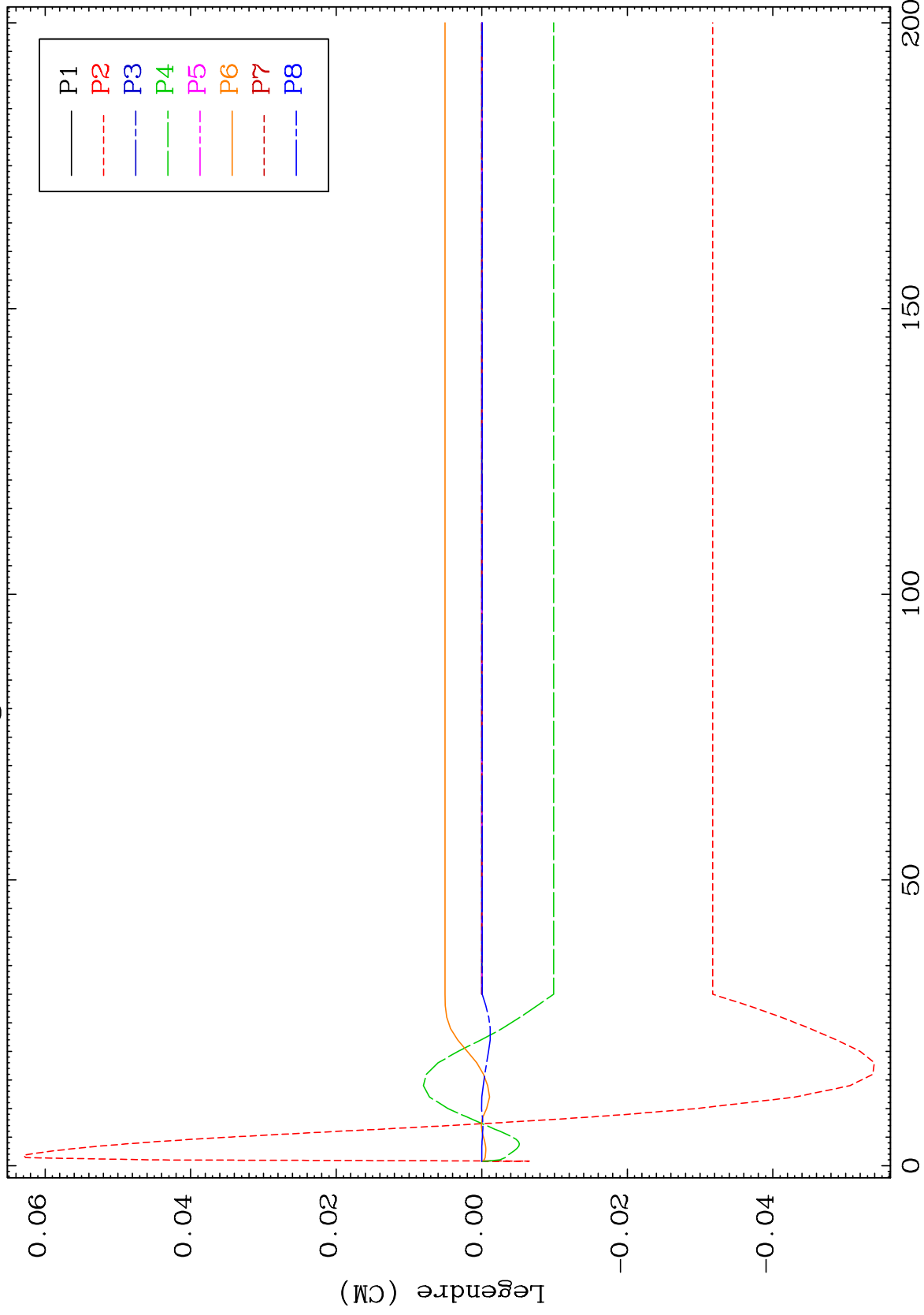
Incident Energy (MeV)



MAT 4852

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

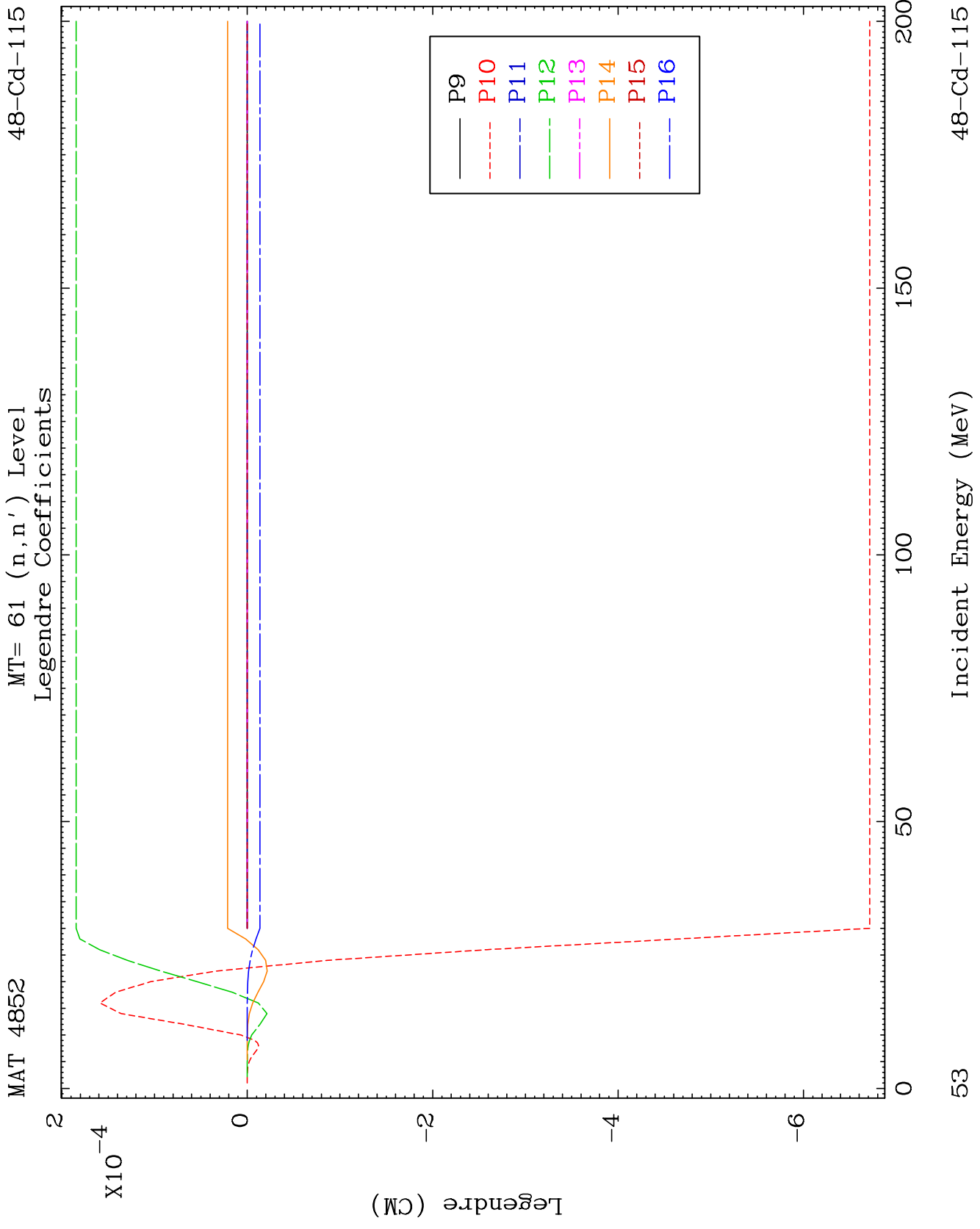
48-Cd-115

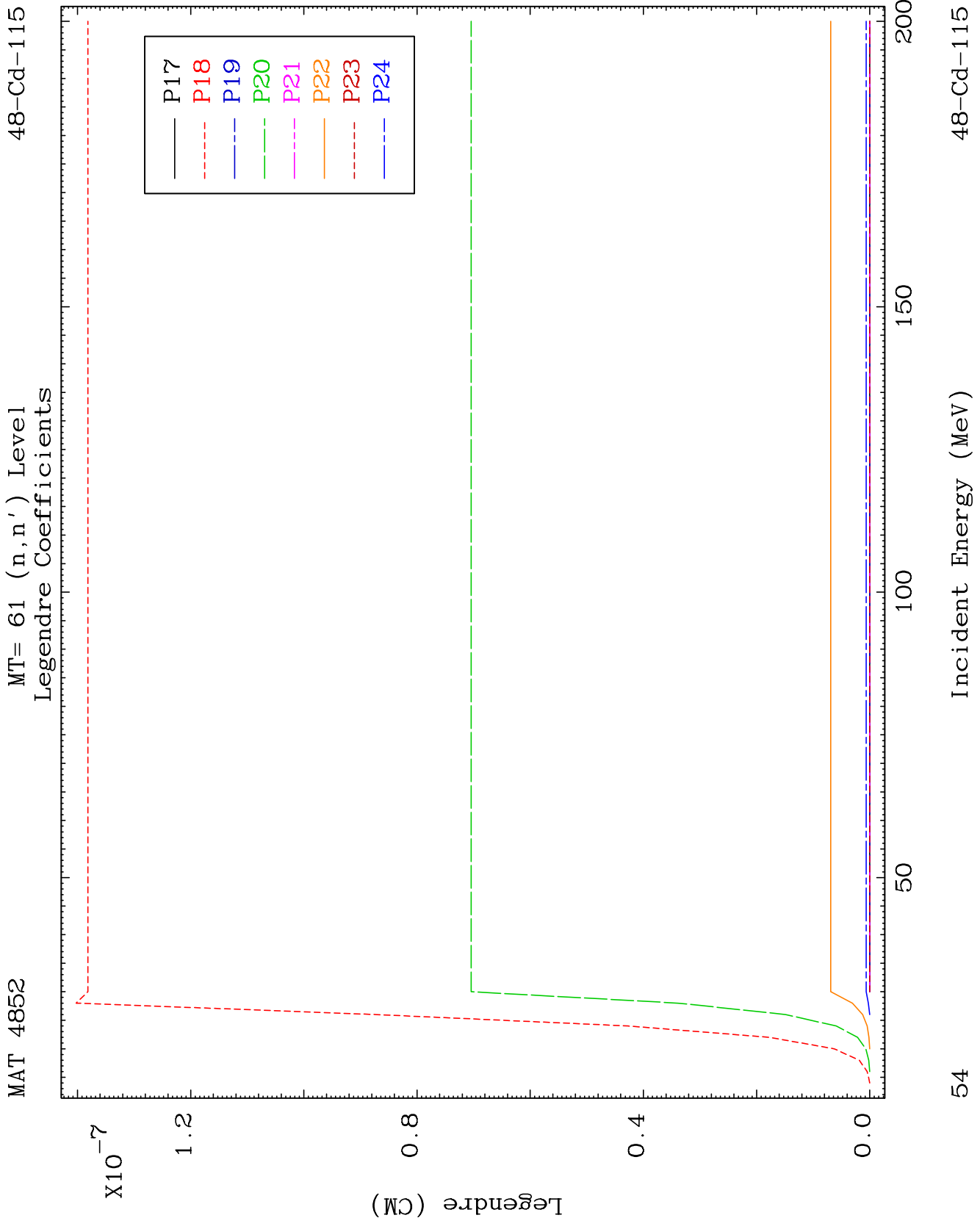


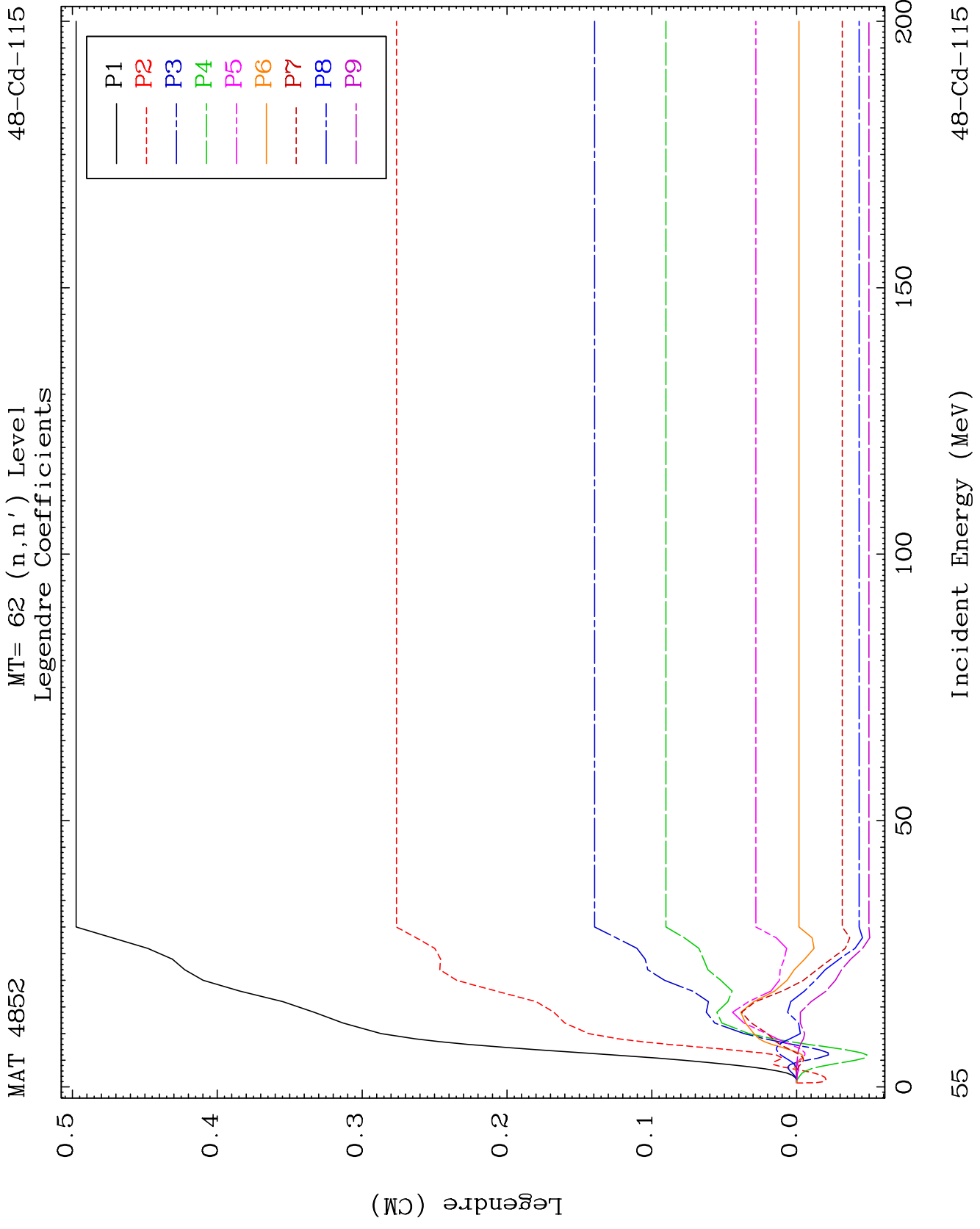
52

Incident Energy (MeV)

48-Cd-115



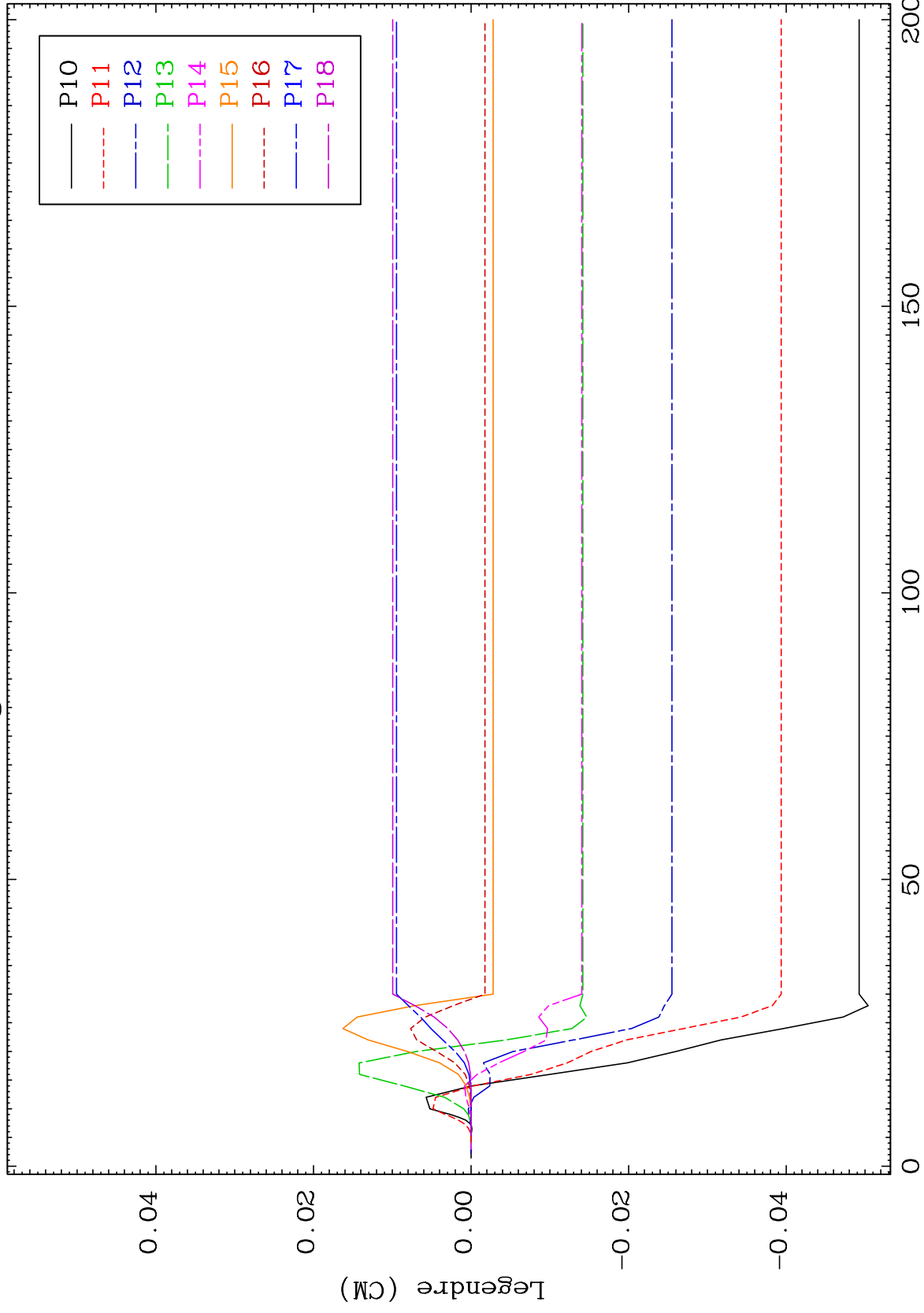




MAT 4852

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

48-Cd-115



56

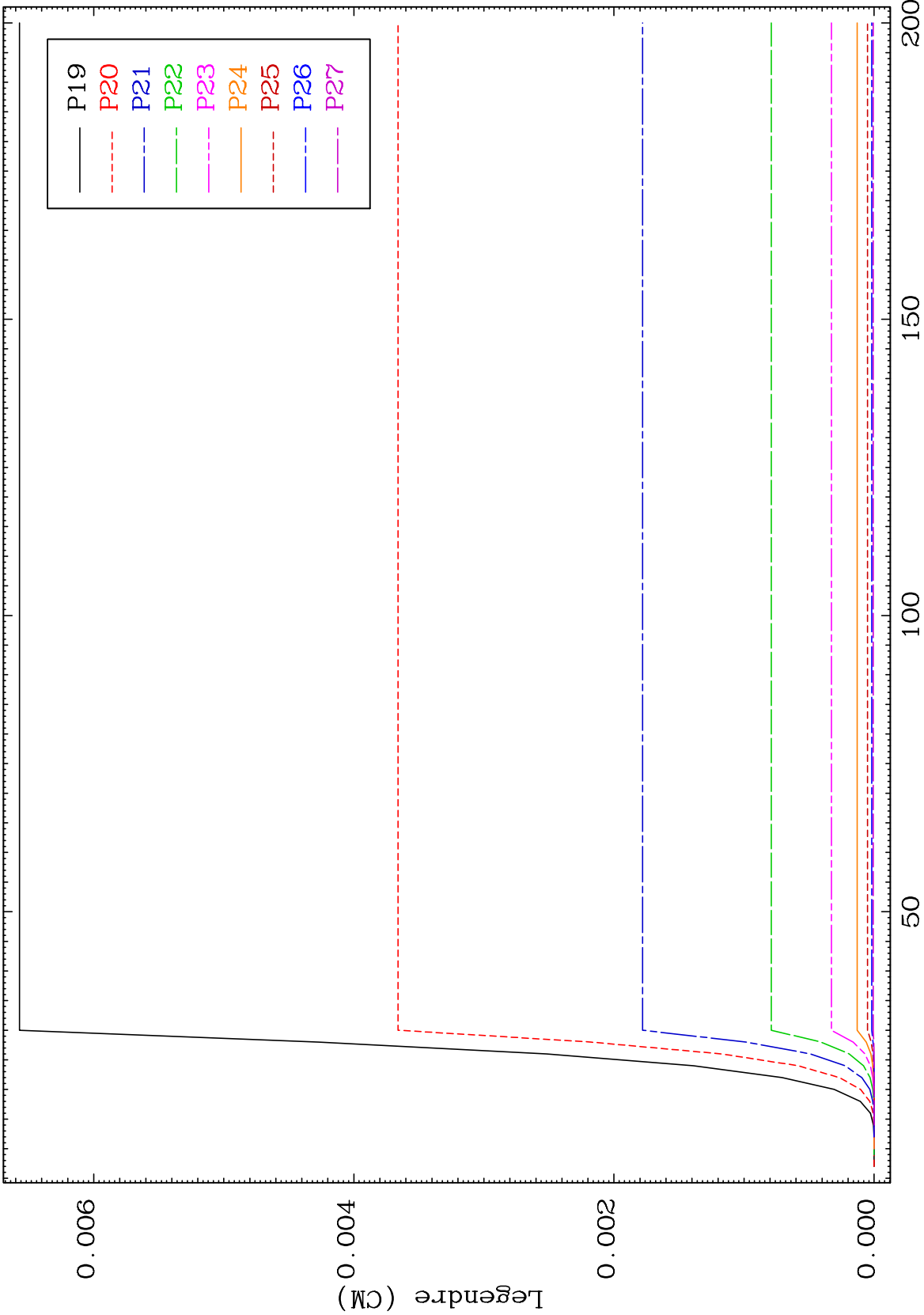
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



57

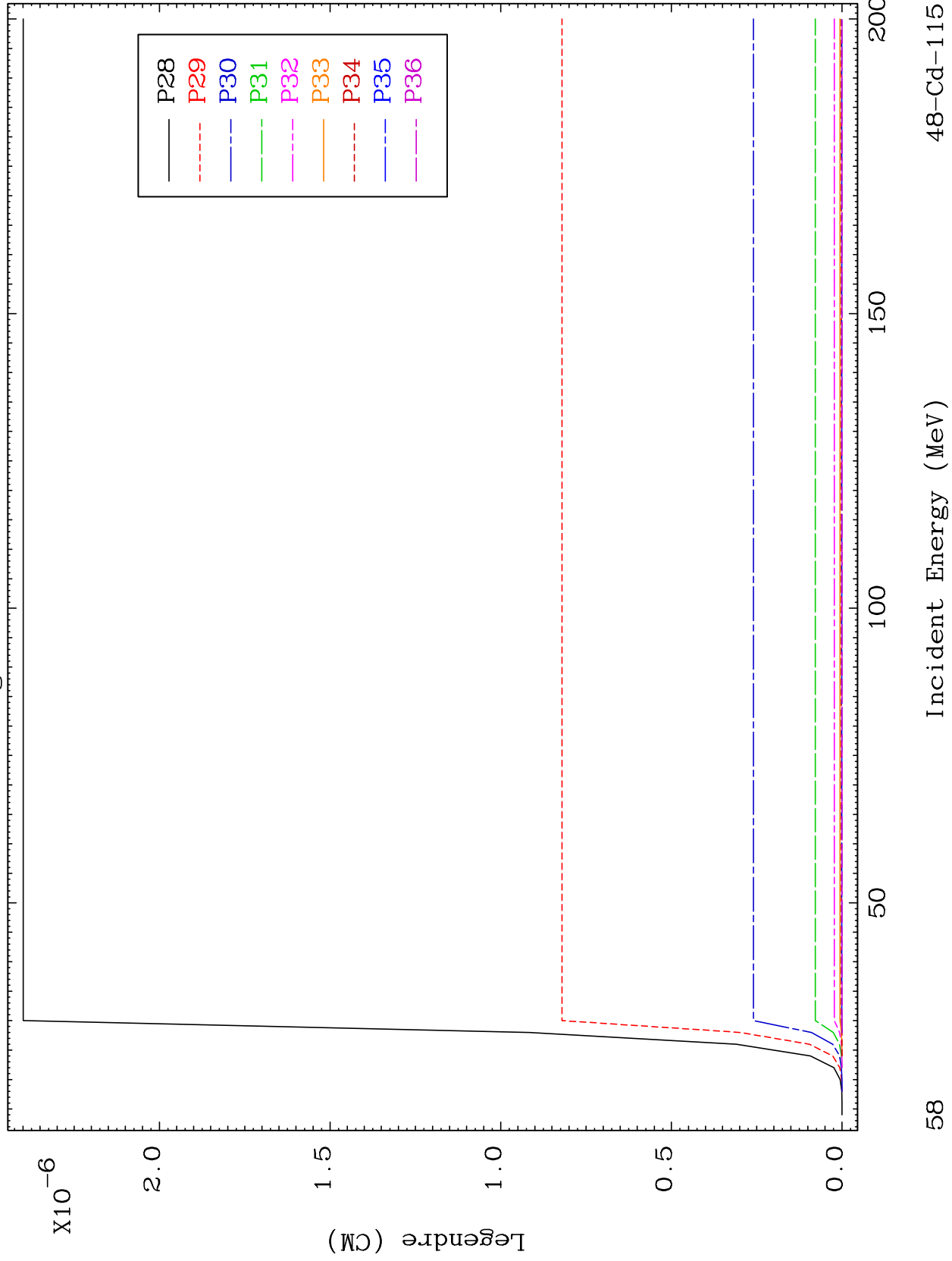
Incident Energy (MeV)

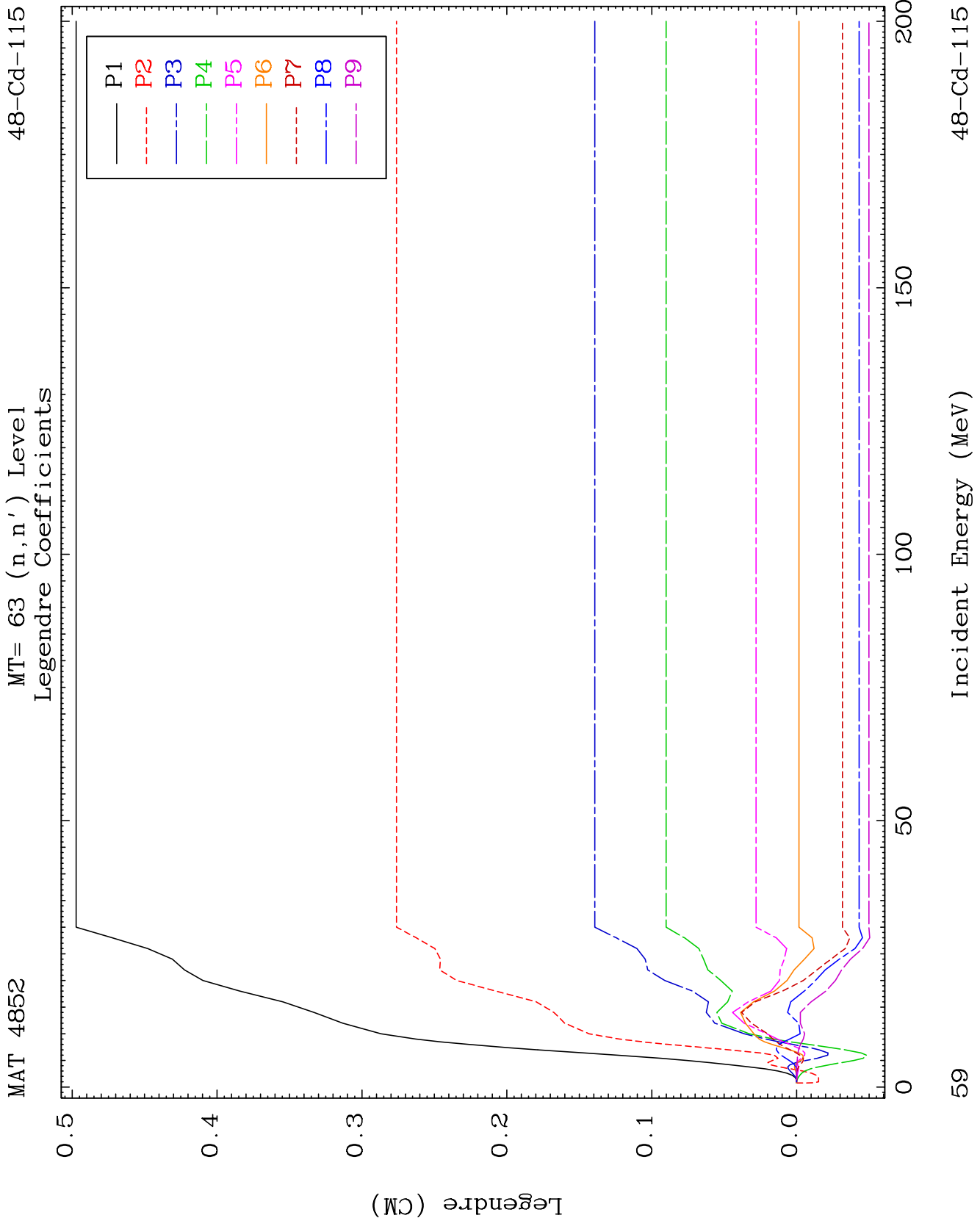
48-Cd-115

MAT 4852

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

48-Cd-115

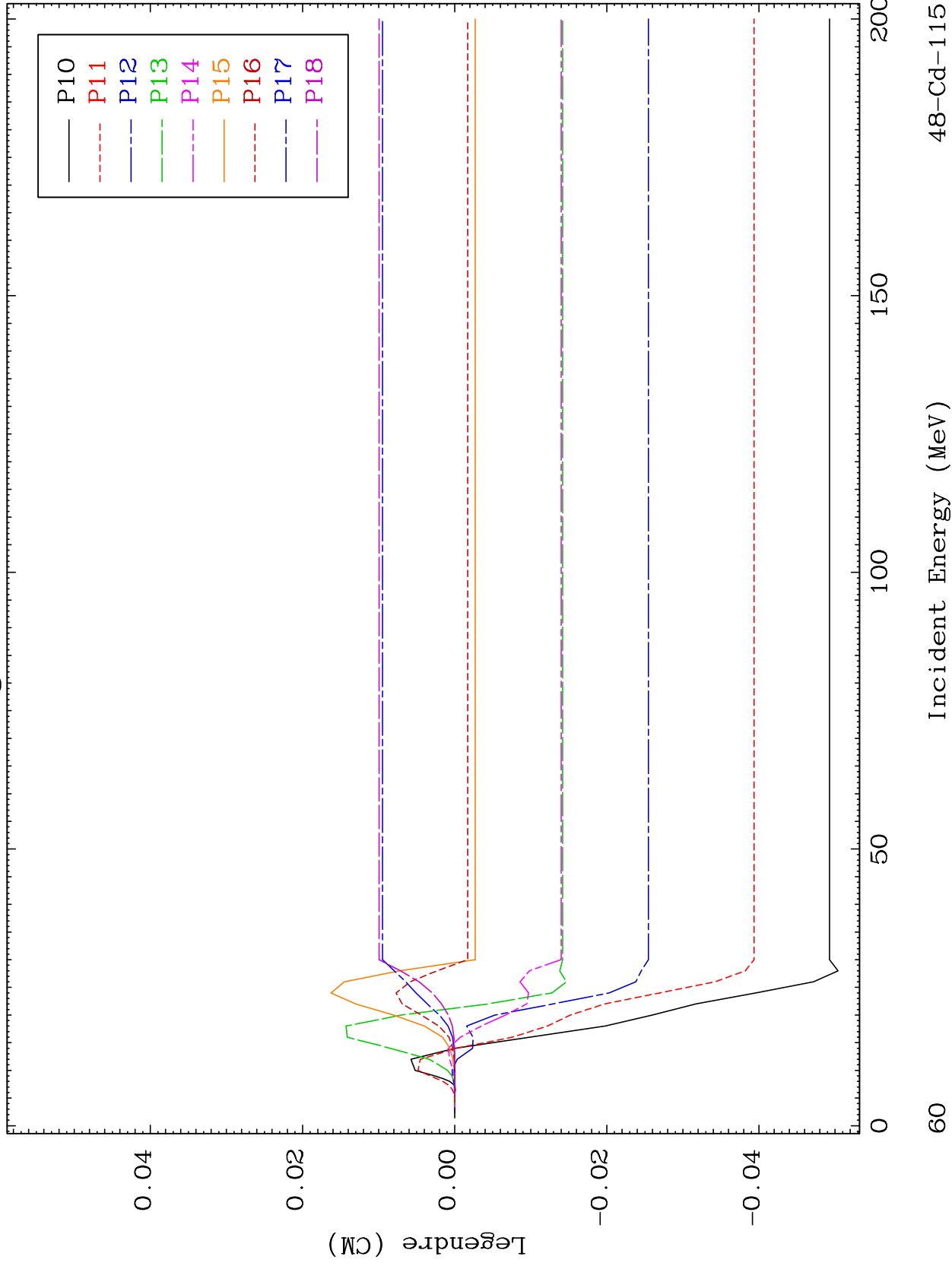




MAT 4852

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

48-Cd-115

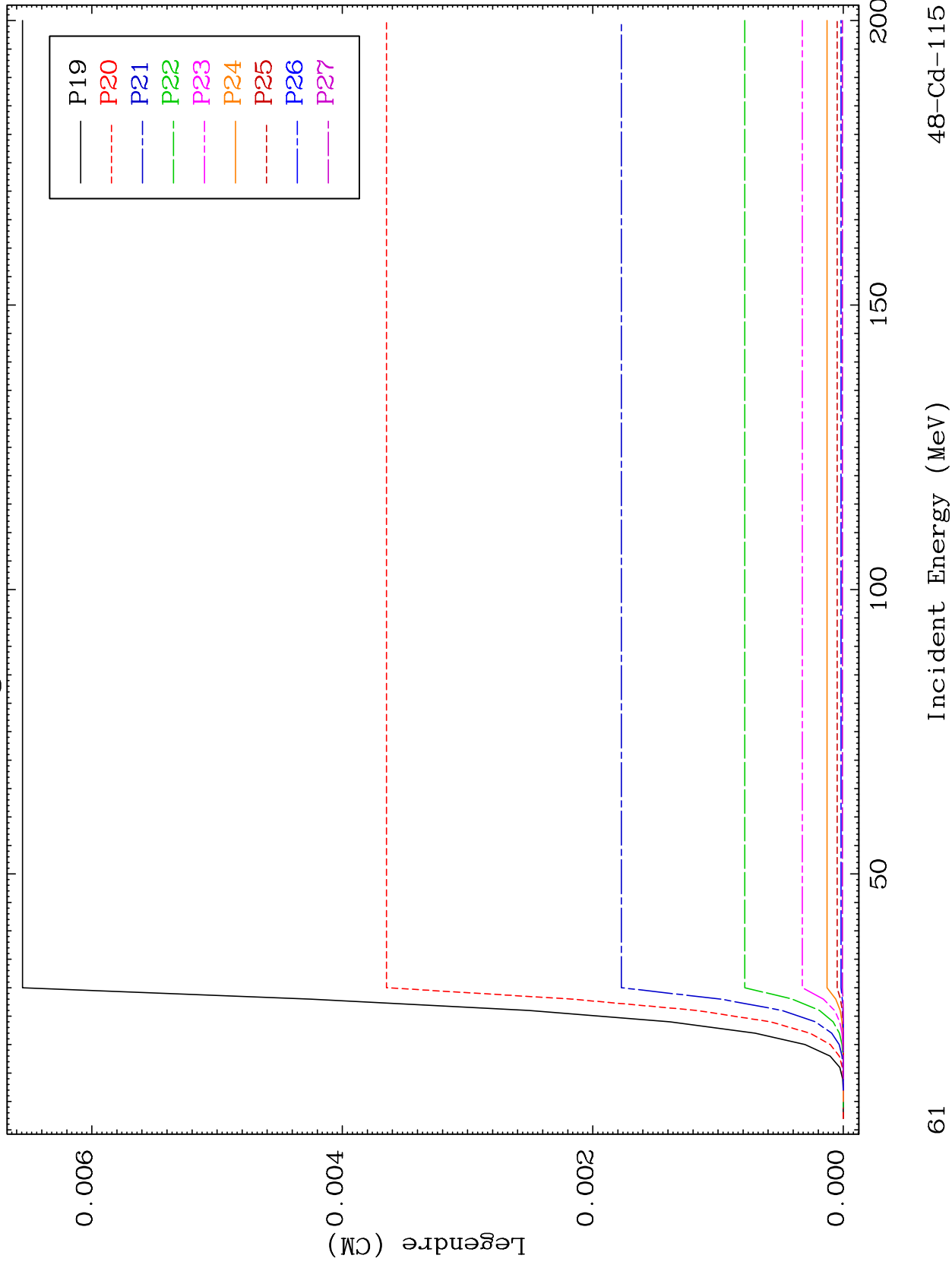


48-Cd-115

MAT 4852

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

48-Cd-115



61

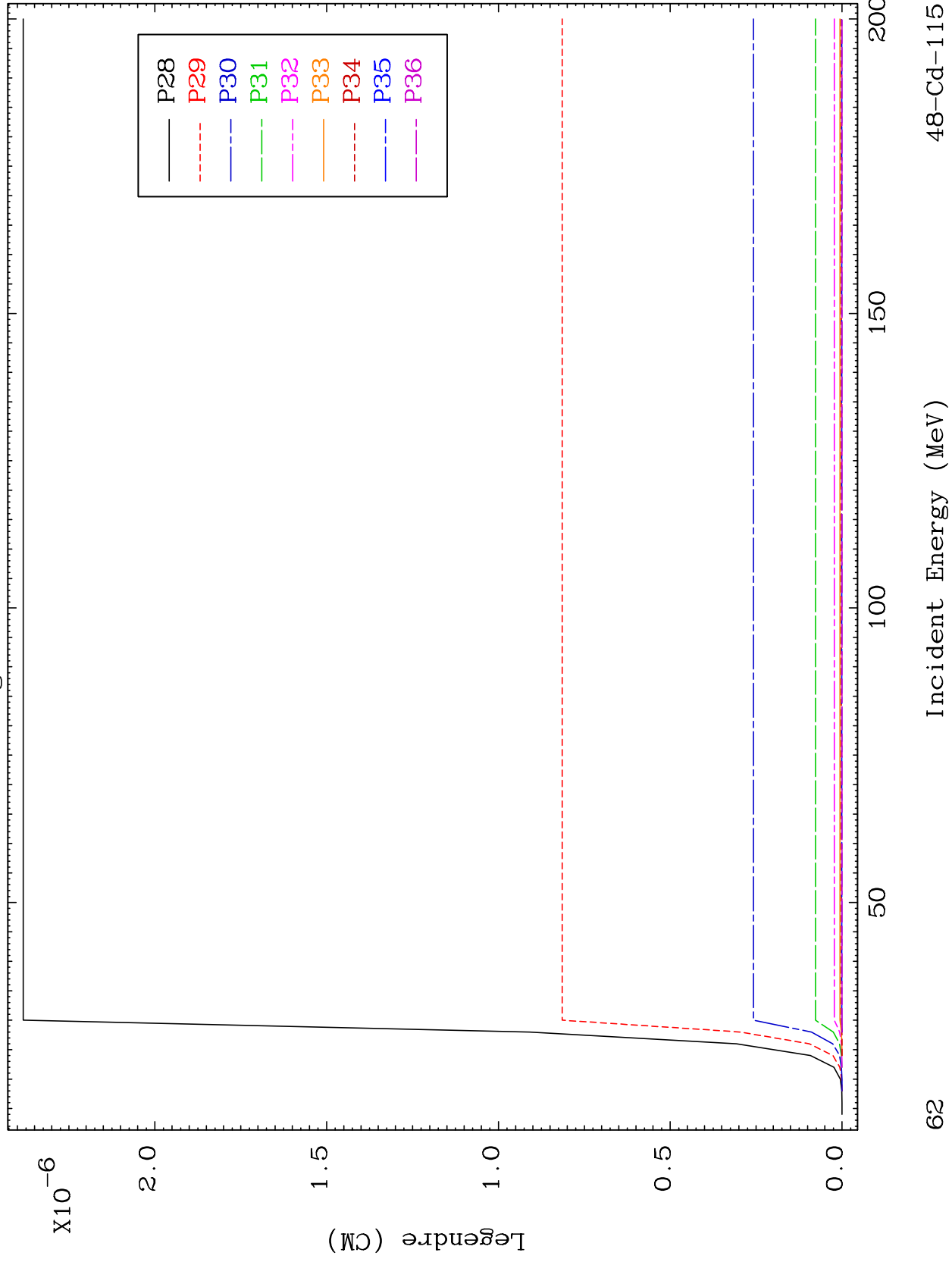
Incident Energy (MeV)

48-Cd-115

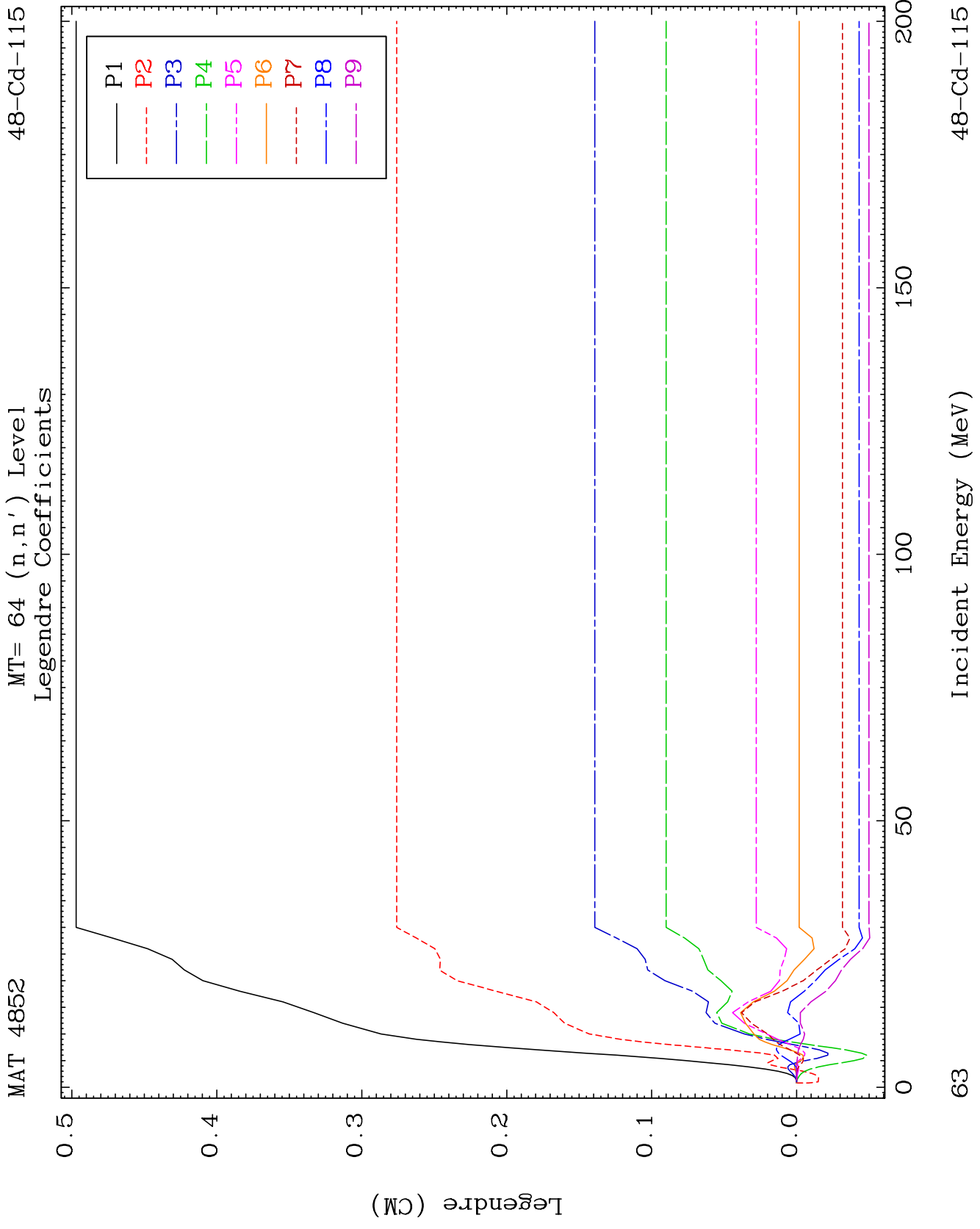
MAT 4852

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

48-Cd-115



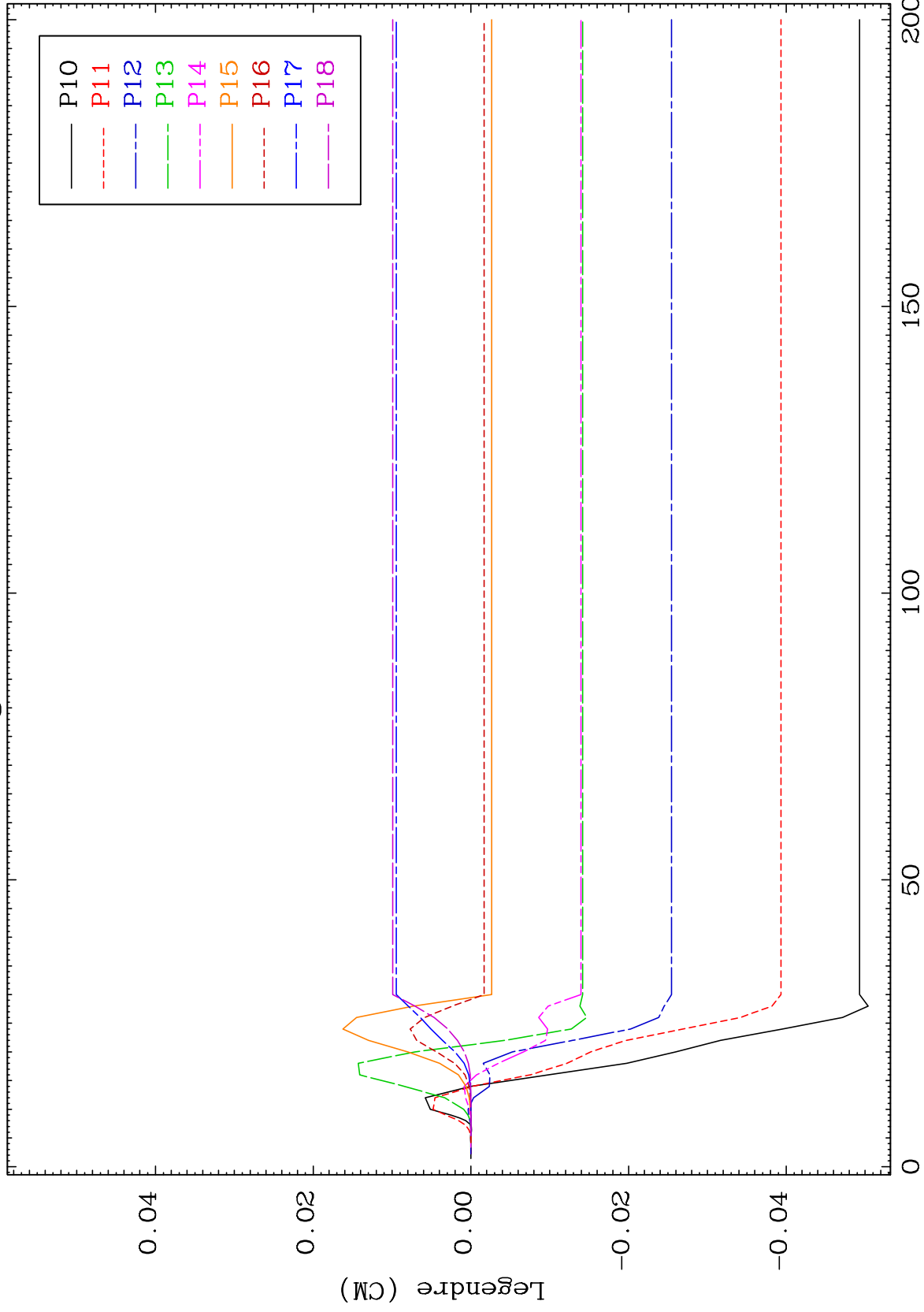
62



MAT 4852

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

48-Cd-115



64

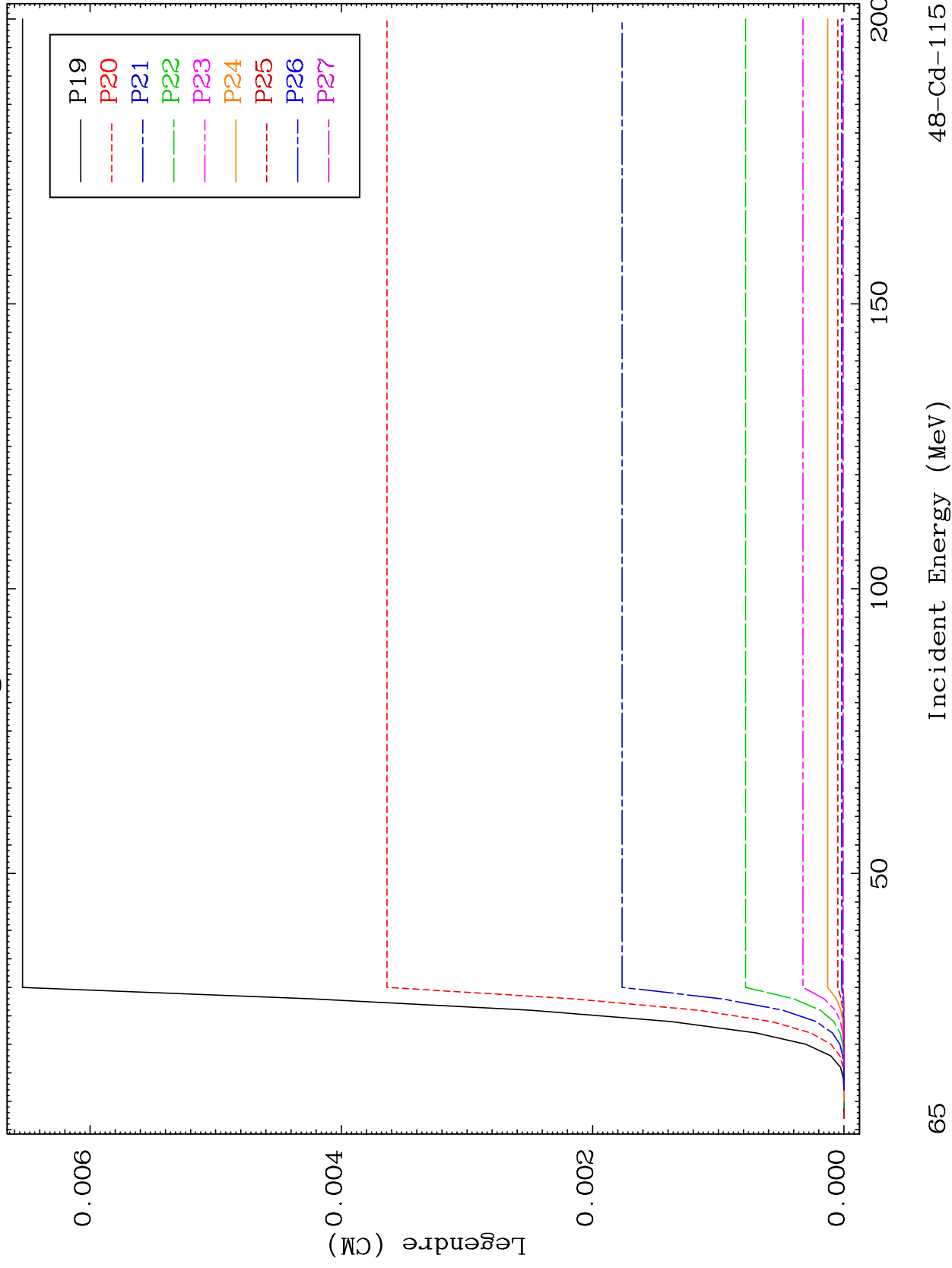
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



65

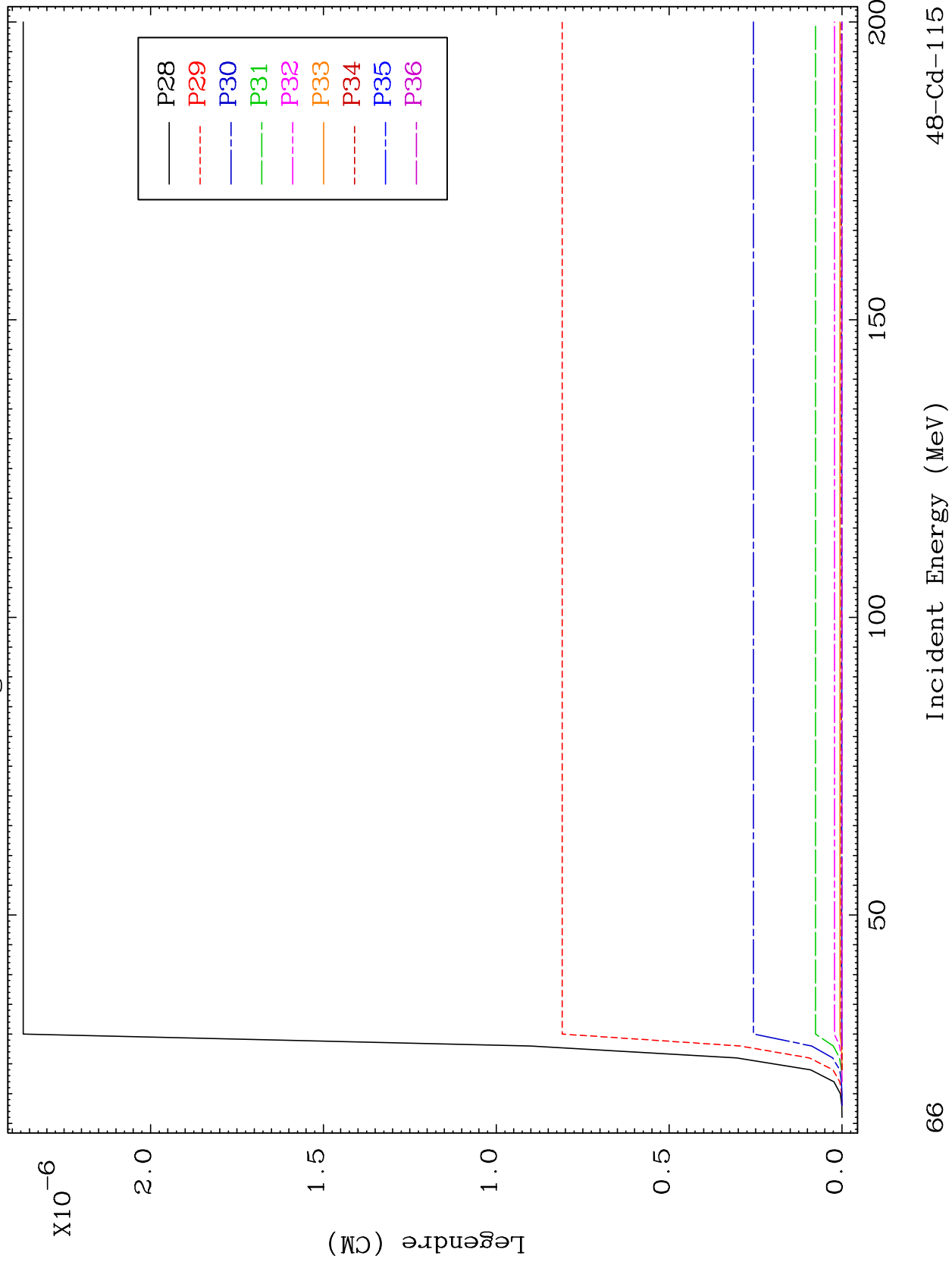
Incident Energy (MeV)

48-Cd-115

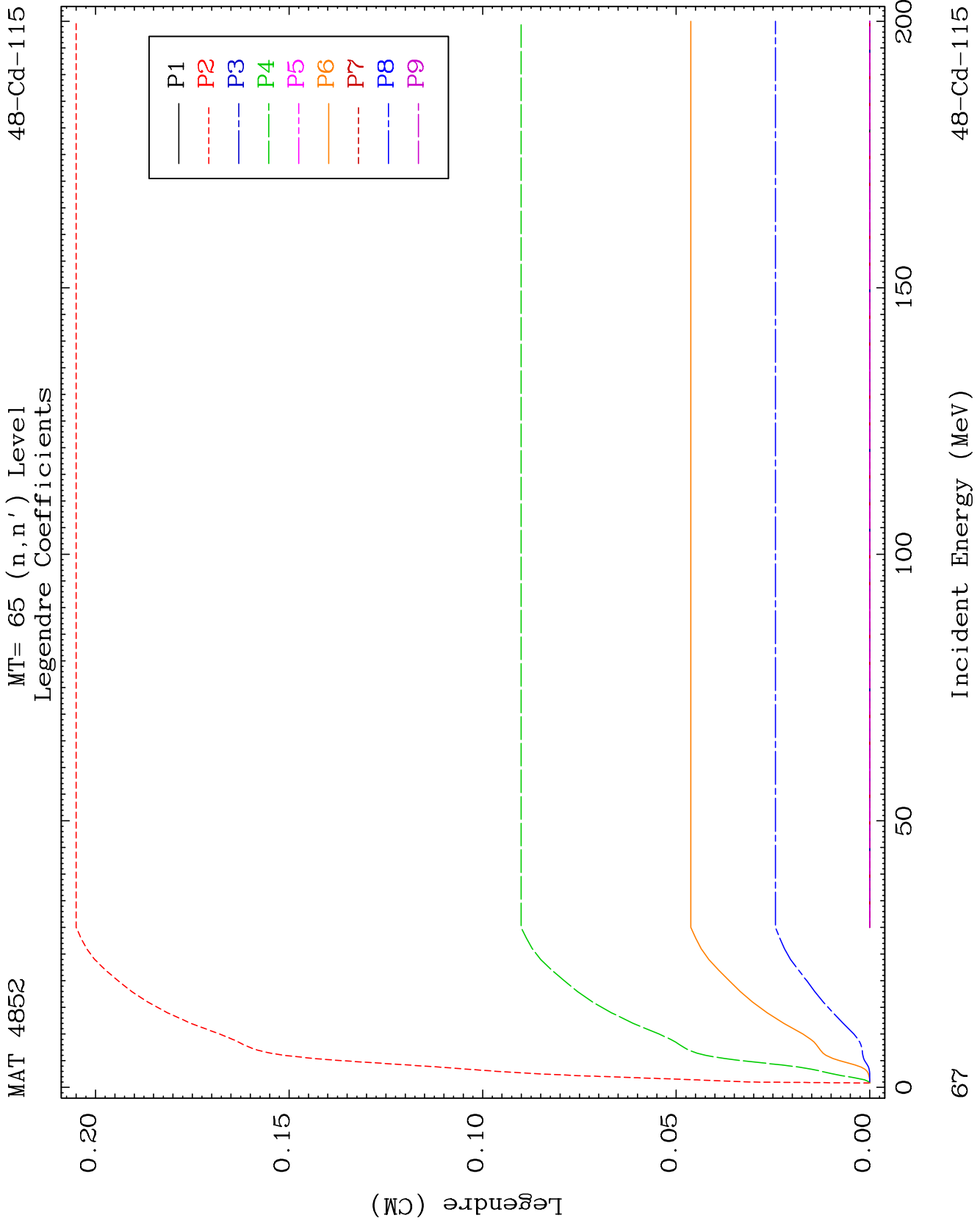
MAT 4852

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

48-Cd-115



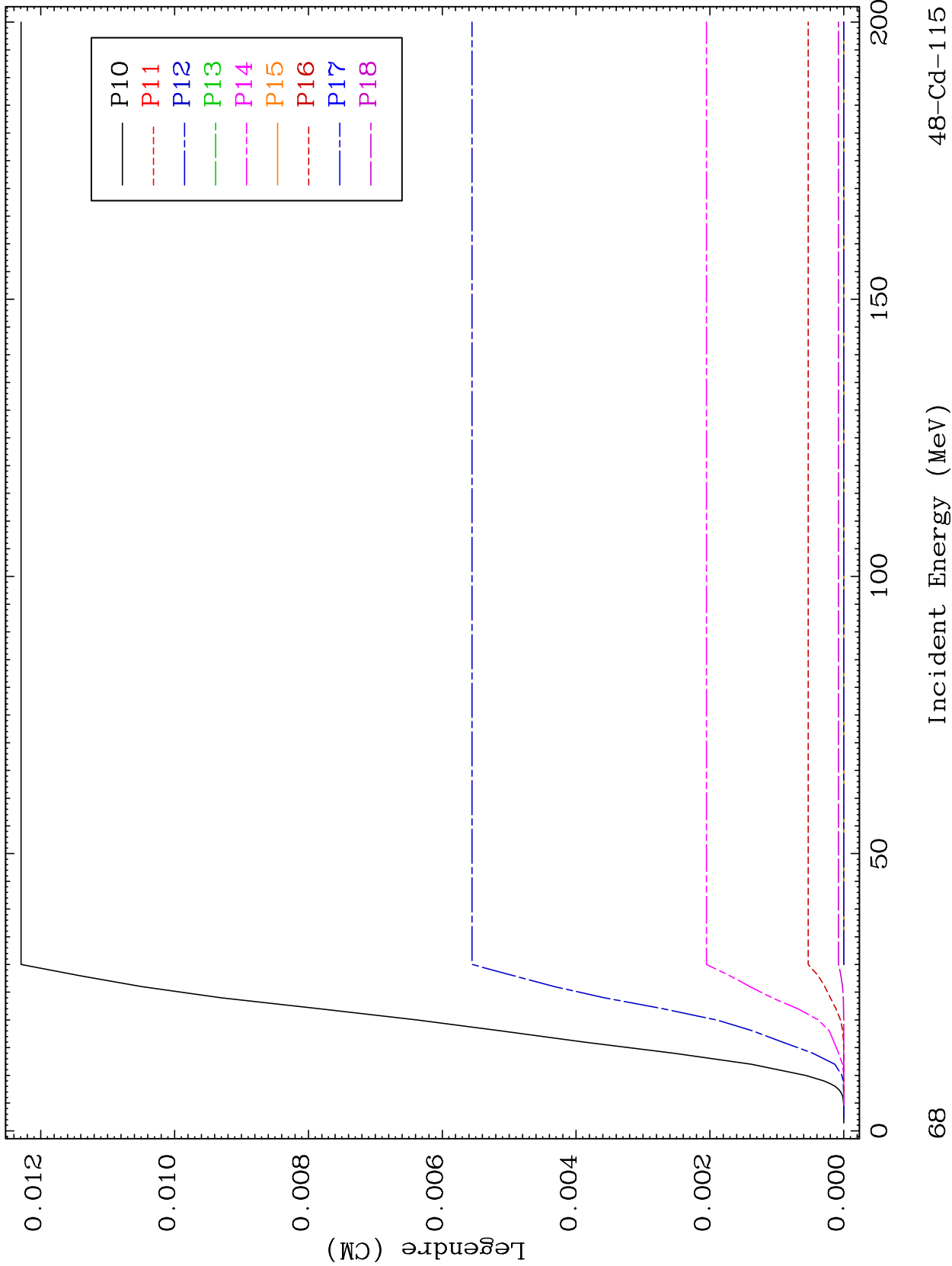
66



MAT 4852

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

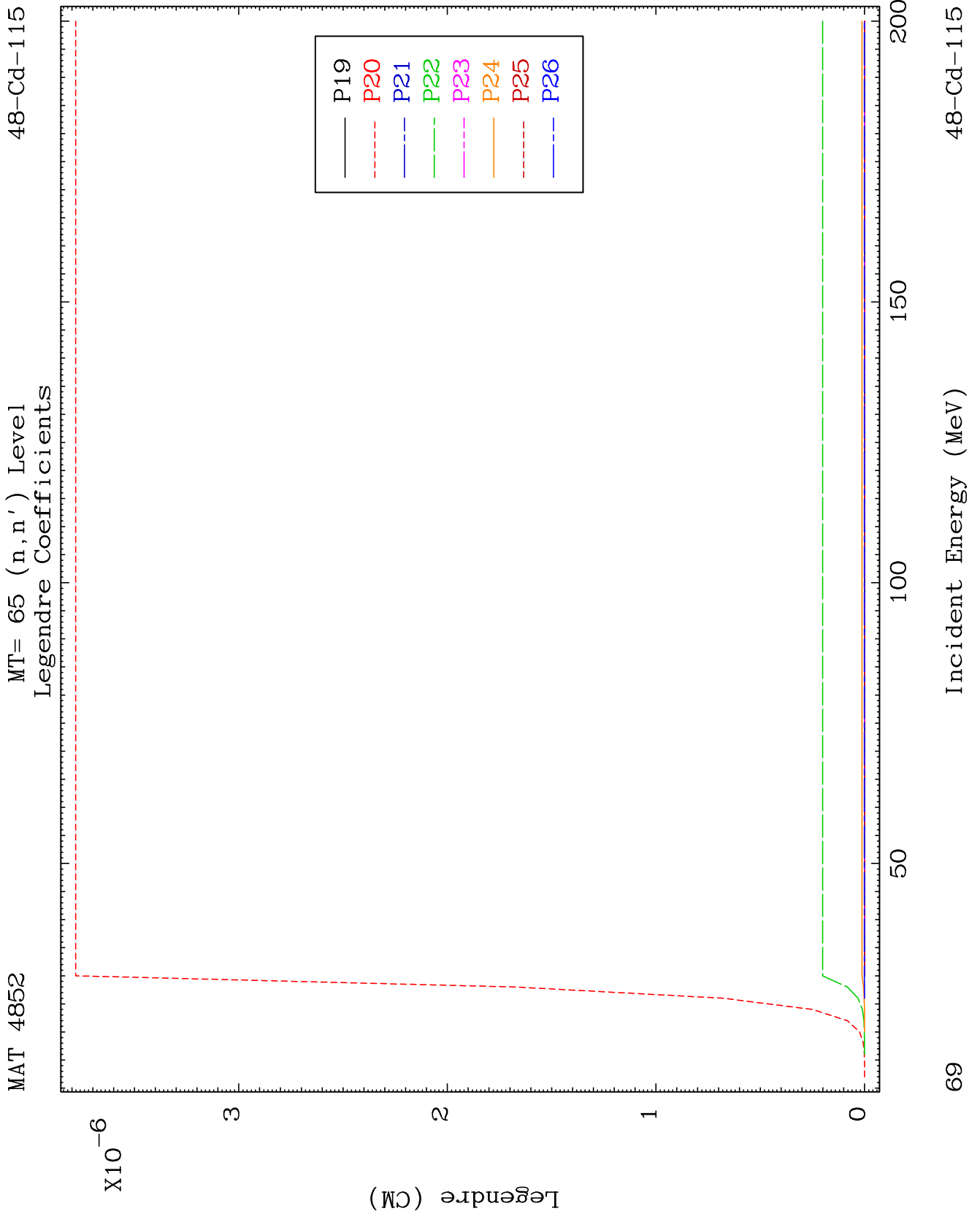
48-Cd-115



48-Cd-115

Incident Energy (MeV)

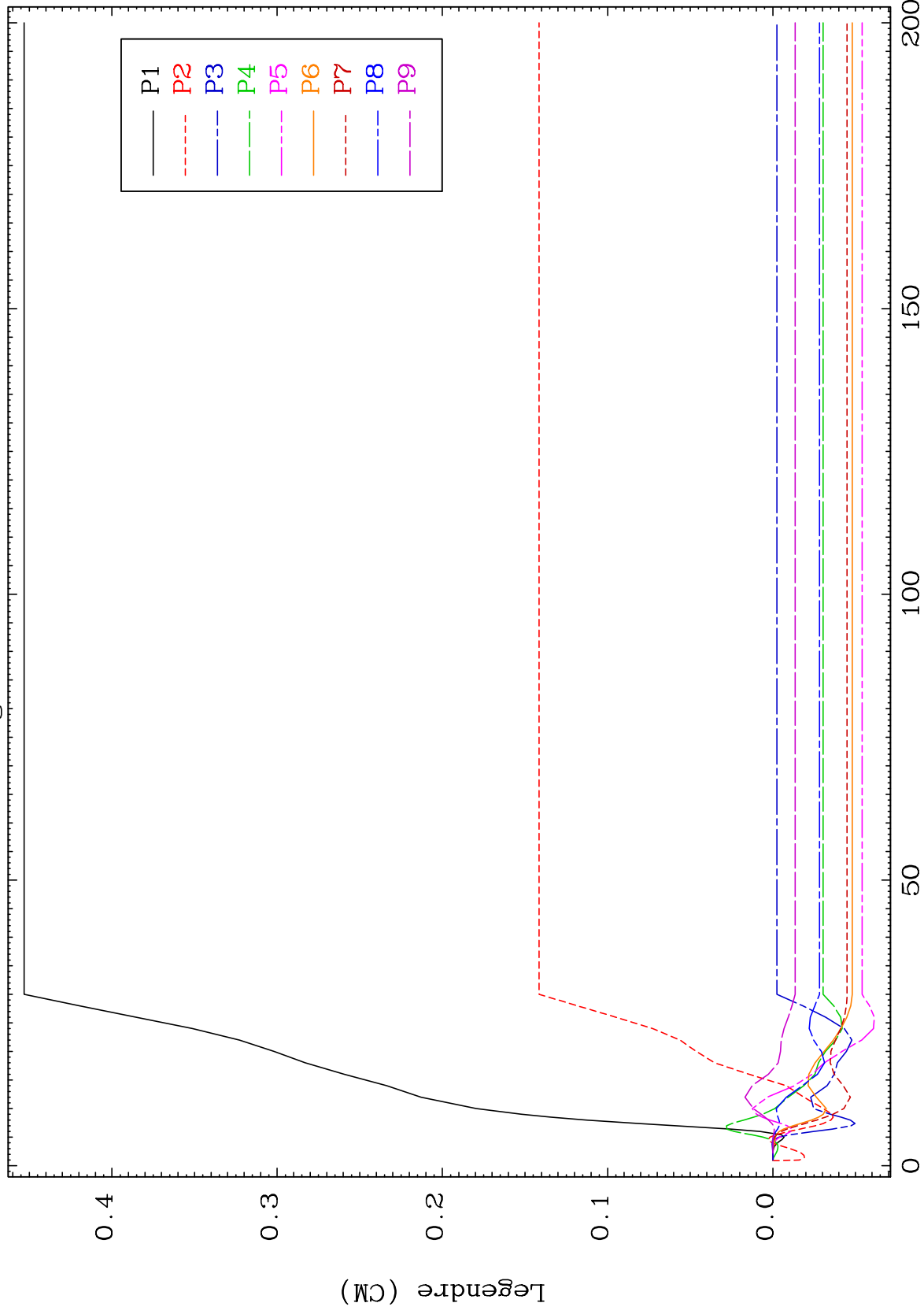
68



MAT 4852

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

48-Cd-115



48-Cd-115

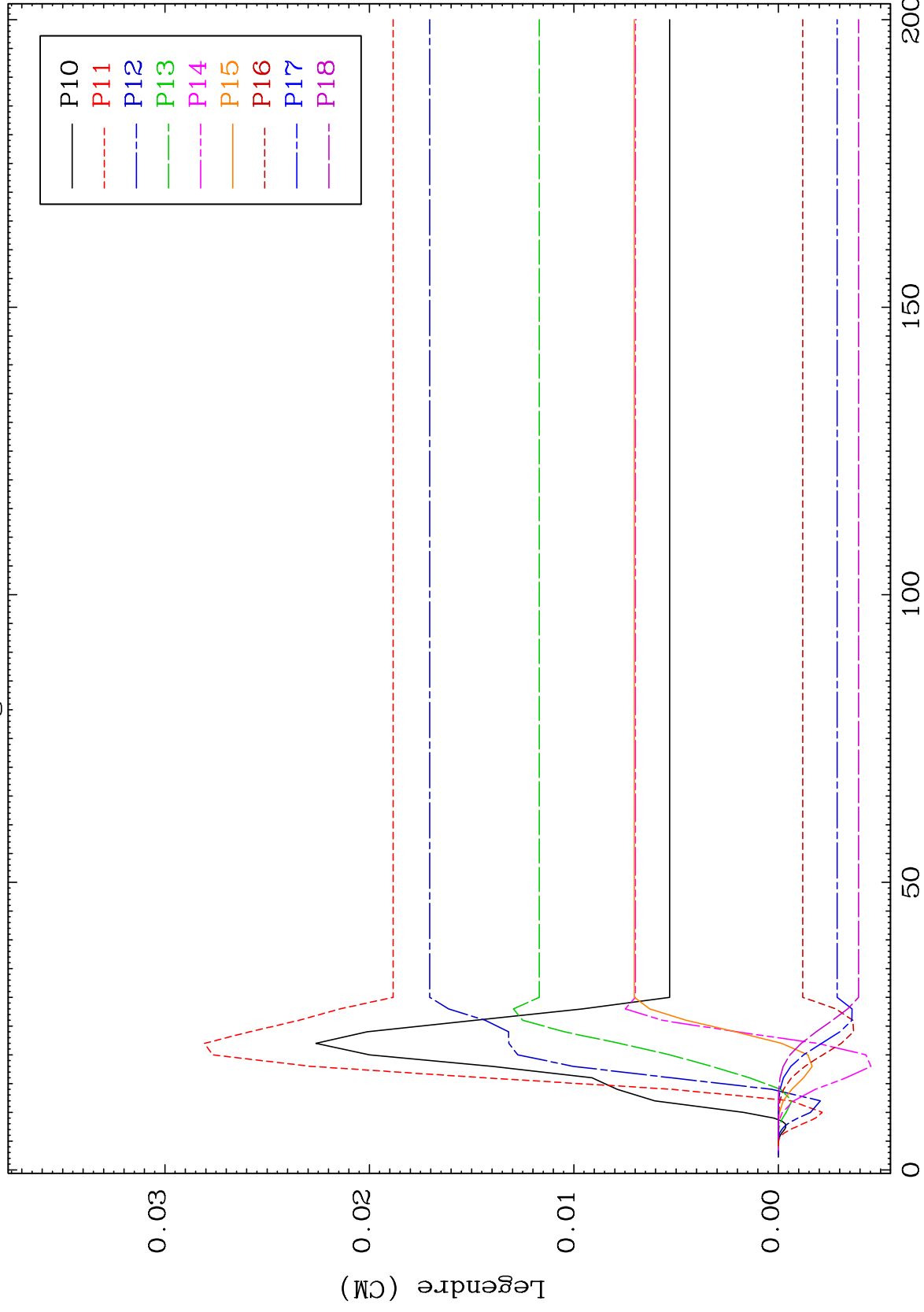
Incident Energy (MeV)

70

MAT 4852

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

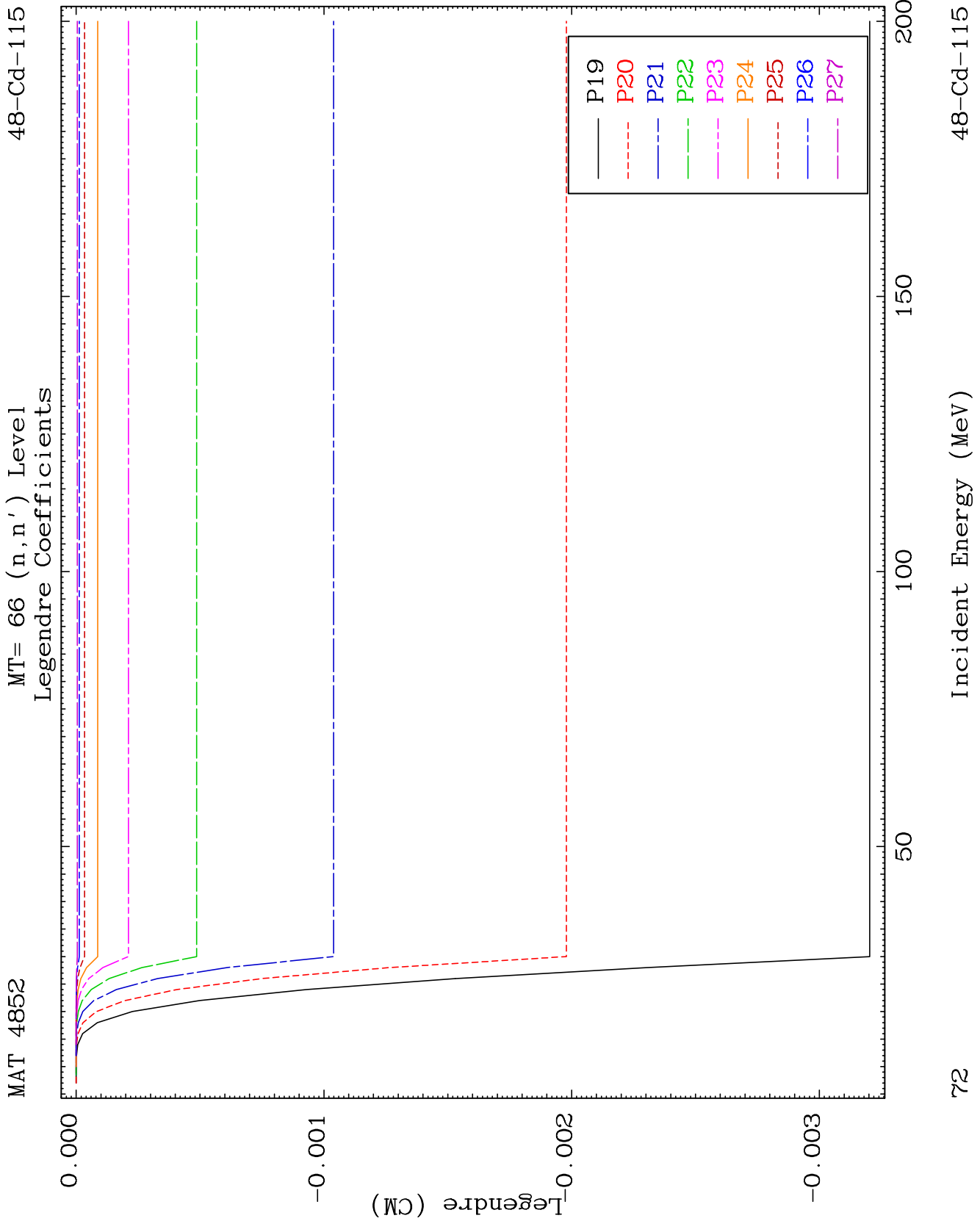
48-Cd-115

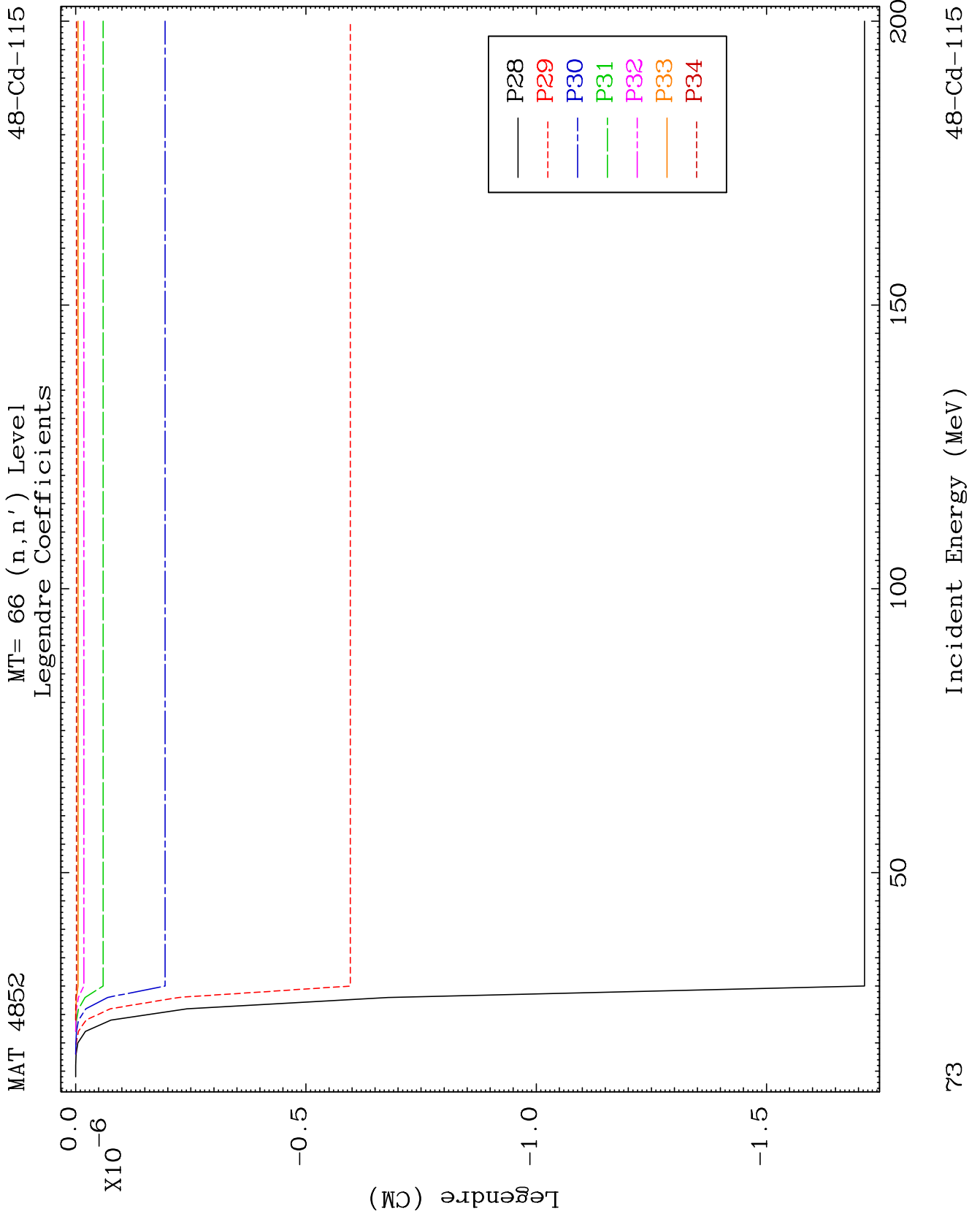


71

Incident Energy (MeV)

48-Cd-115

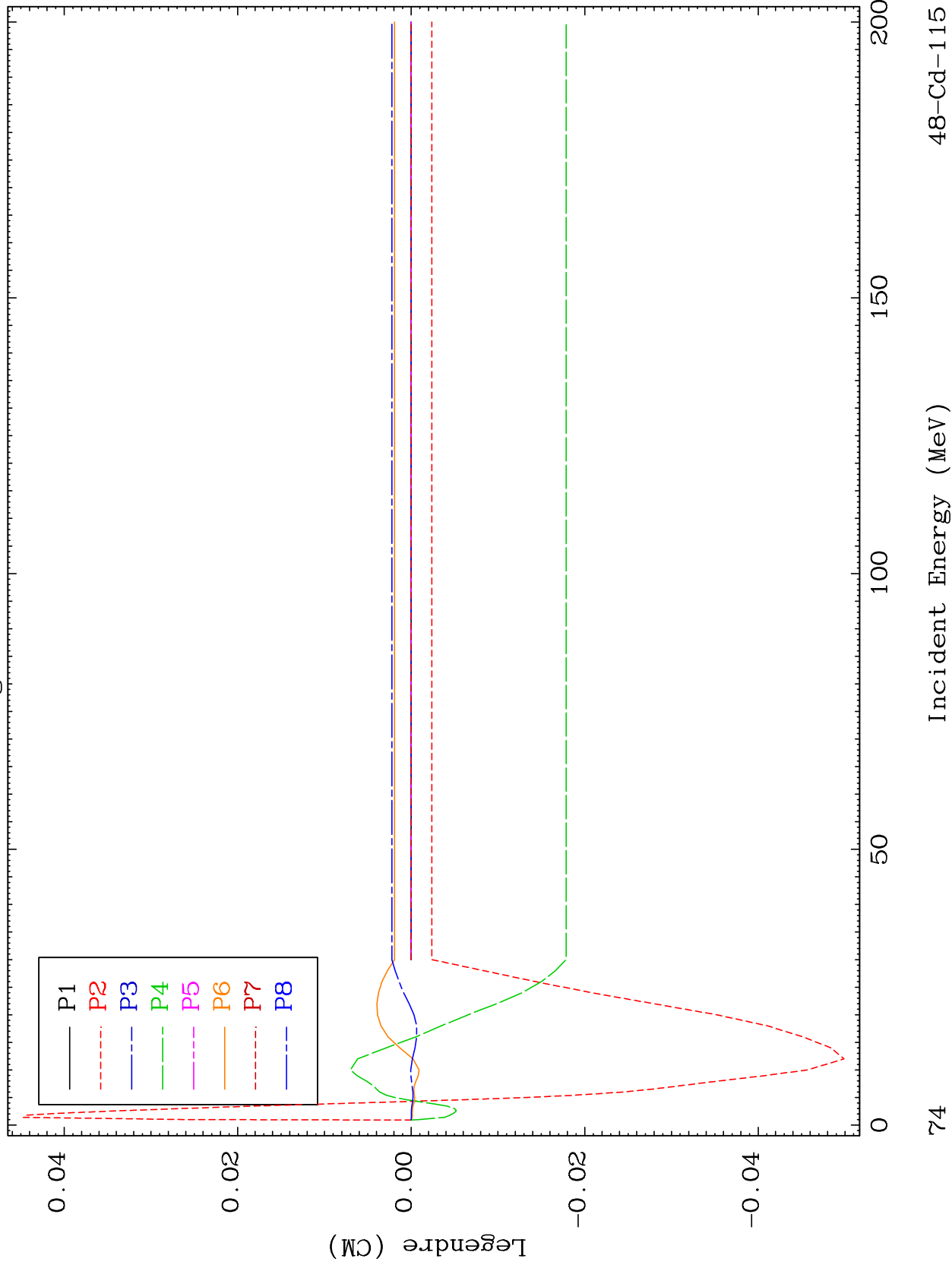




MAT 4852

MT= 67 (n,n') Level
Legendre Coefficients

48-Cd-115



74

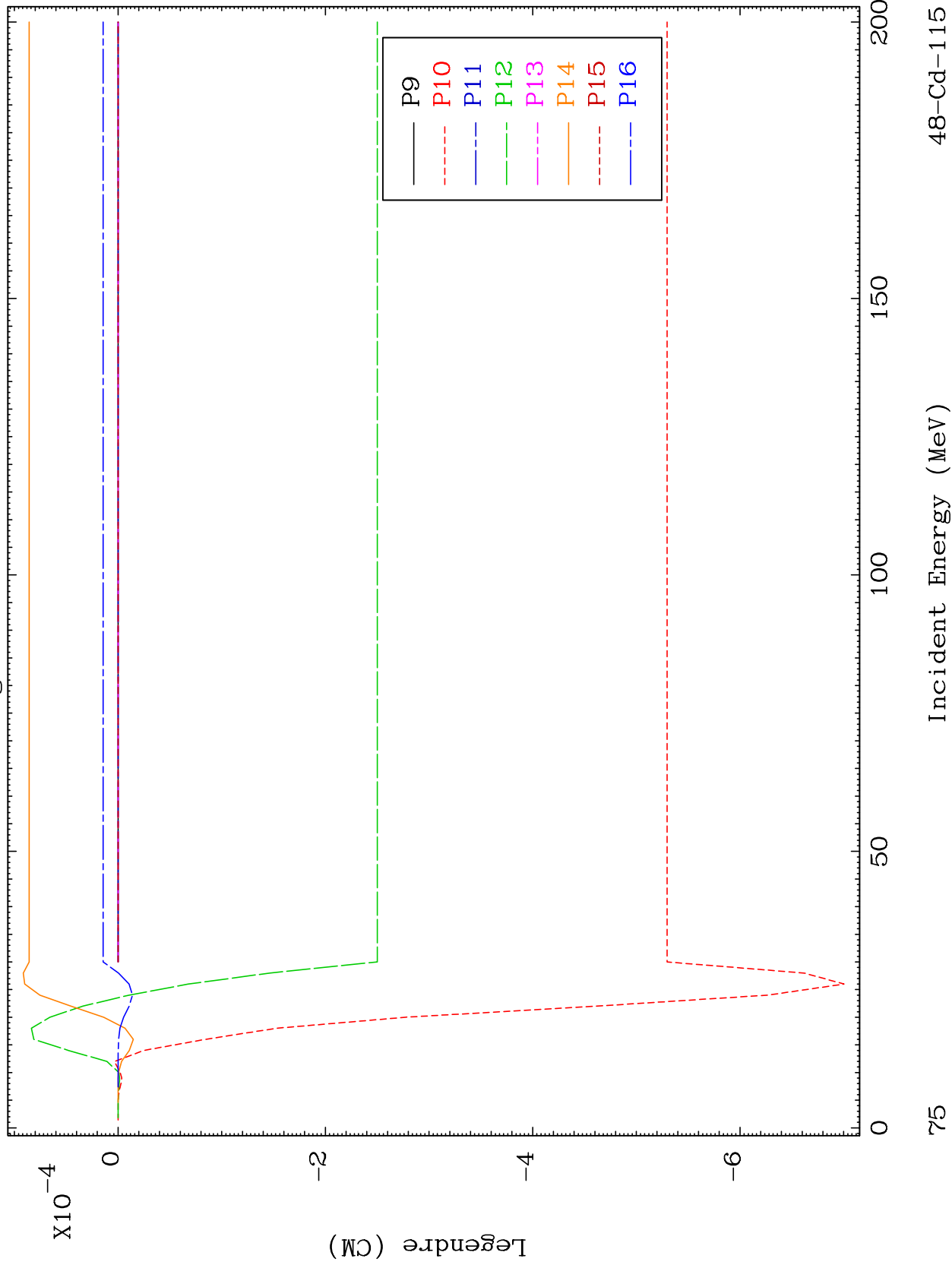
Incident Energy (MeV)

48-Cd-115

MAT 4852

MT= 67 (n,n') Level
Legendre Coefficients

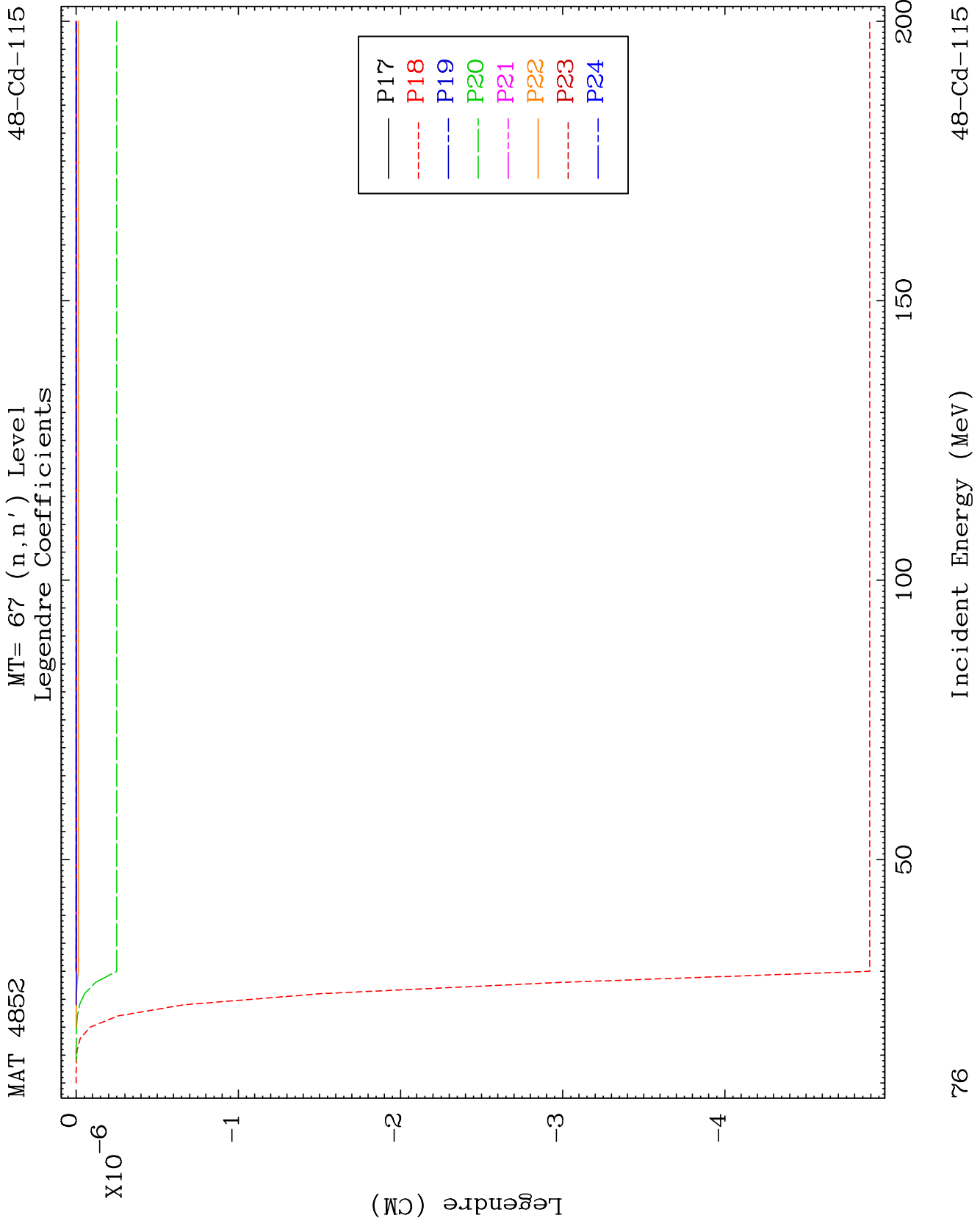
48-Cd-115

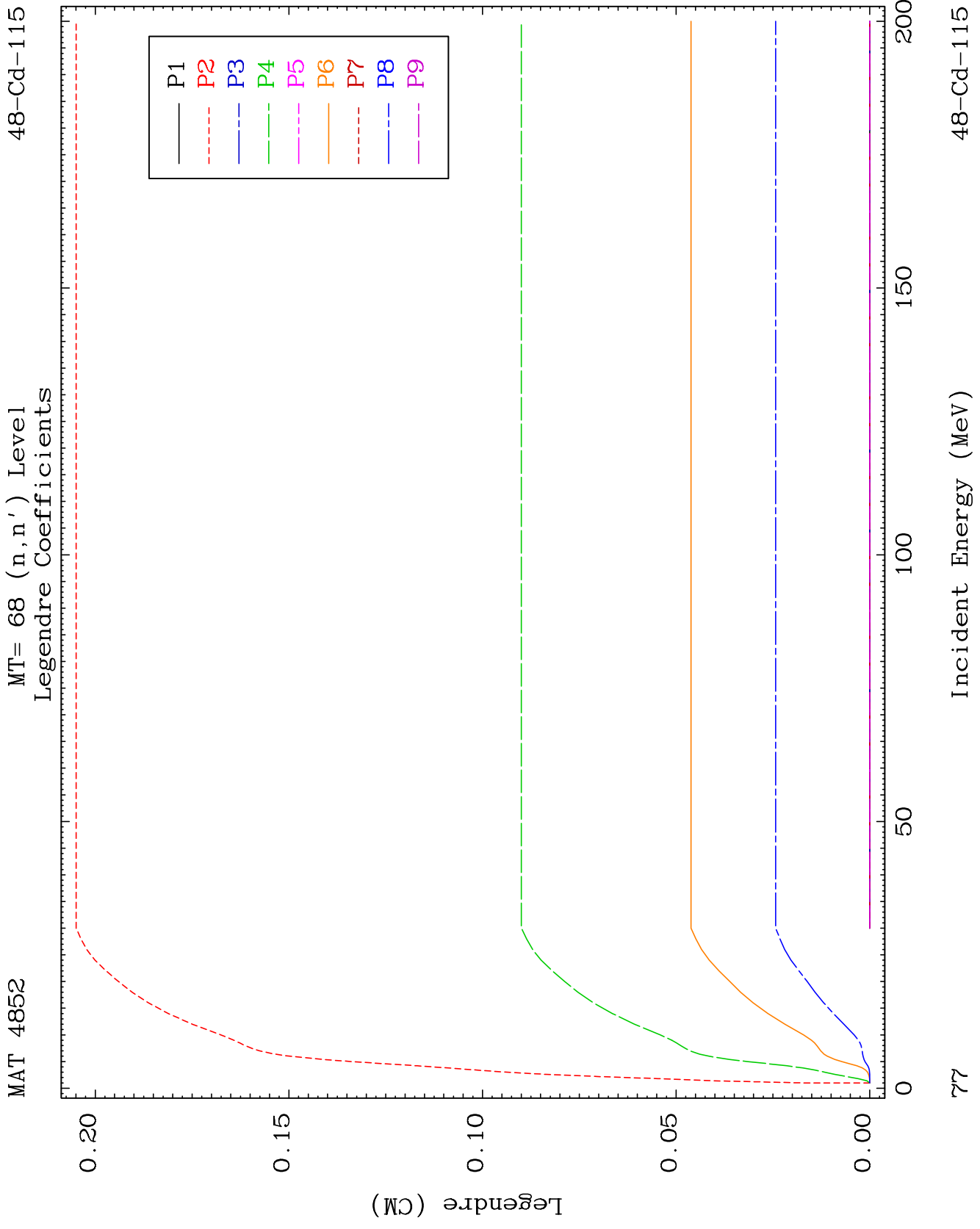


48-Cd-115

Incident Energy (MeV)

75

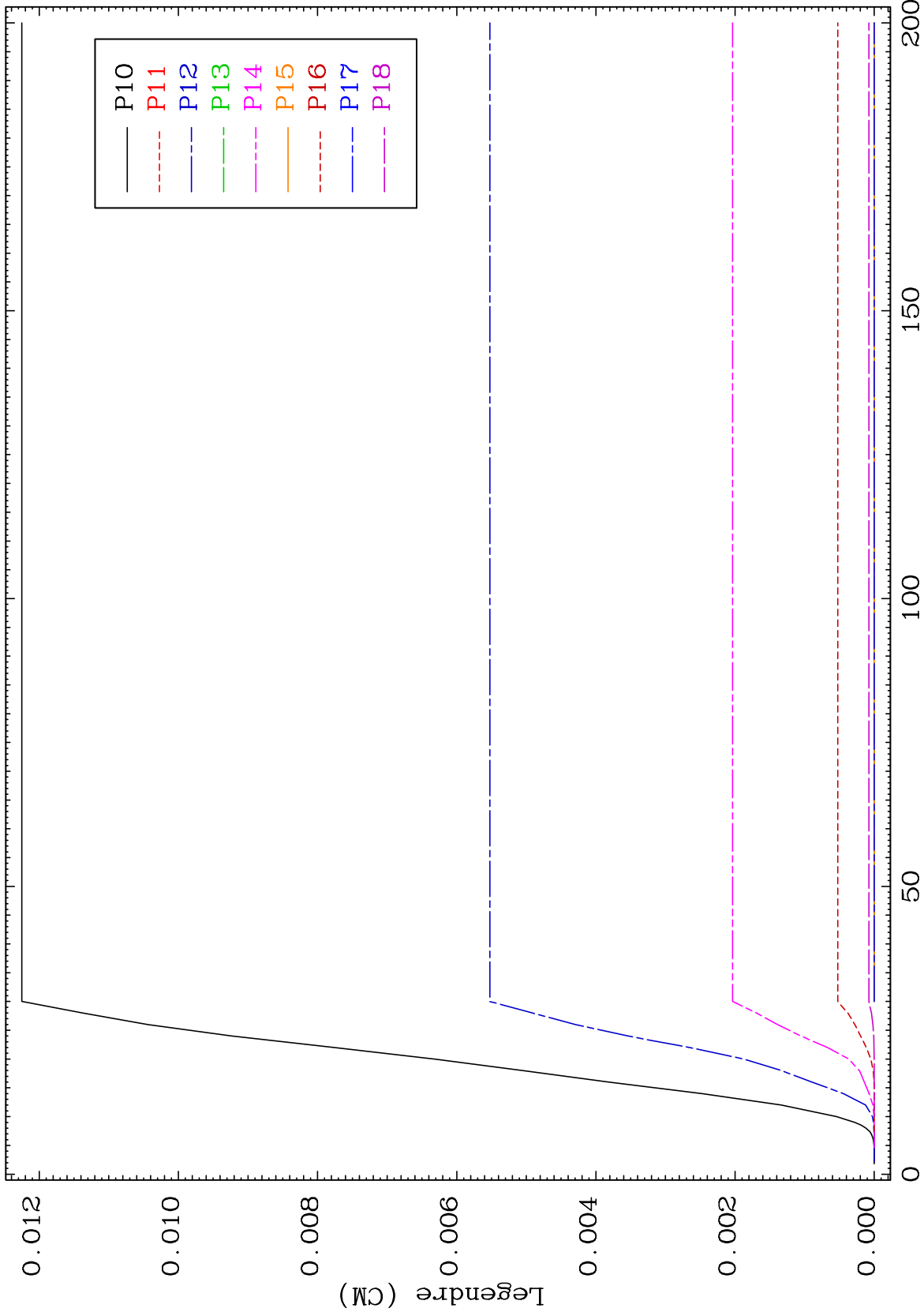




MAT 4852

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

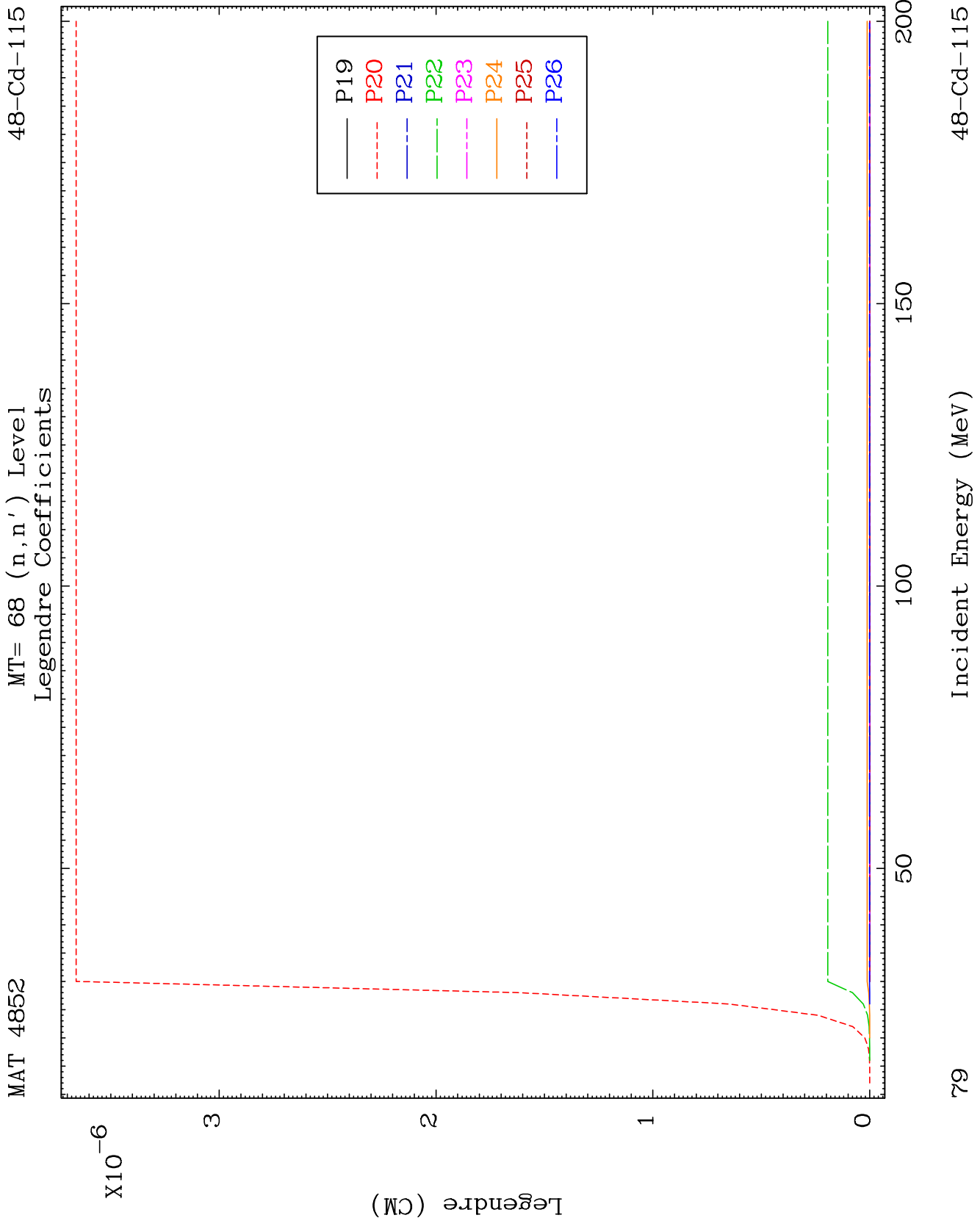
48-Cd-115



78

Incident Energy (MeV)

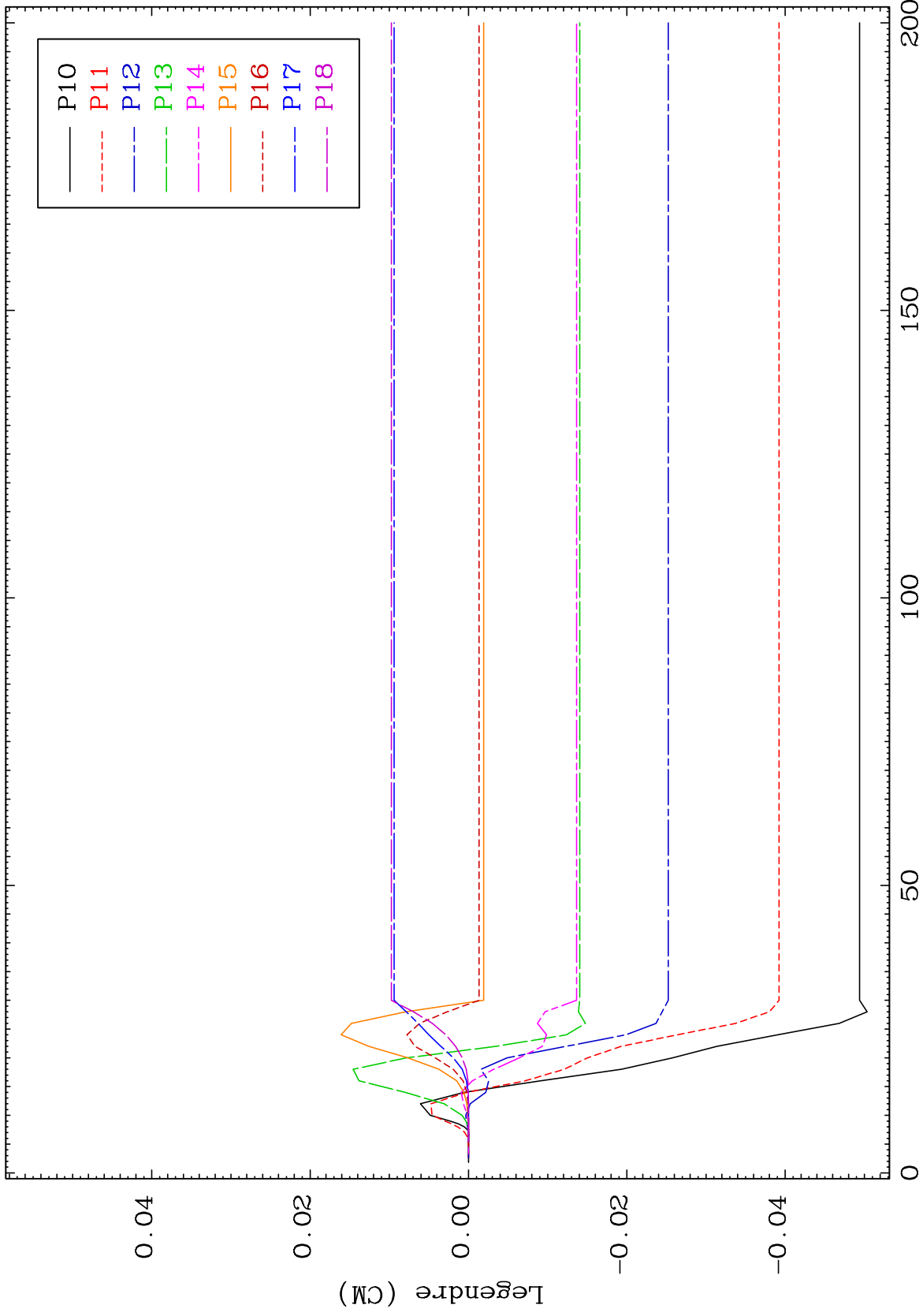
48-Cd-115



MAT 4852

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

48-Cd-115



81

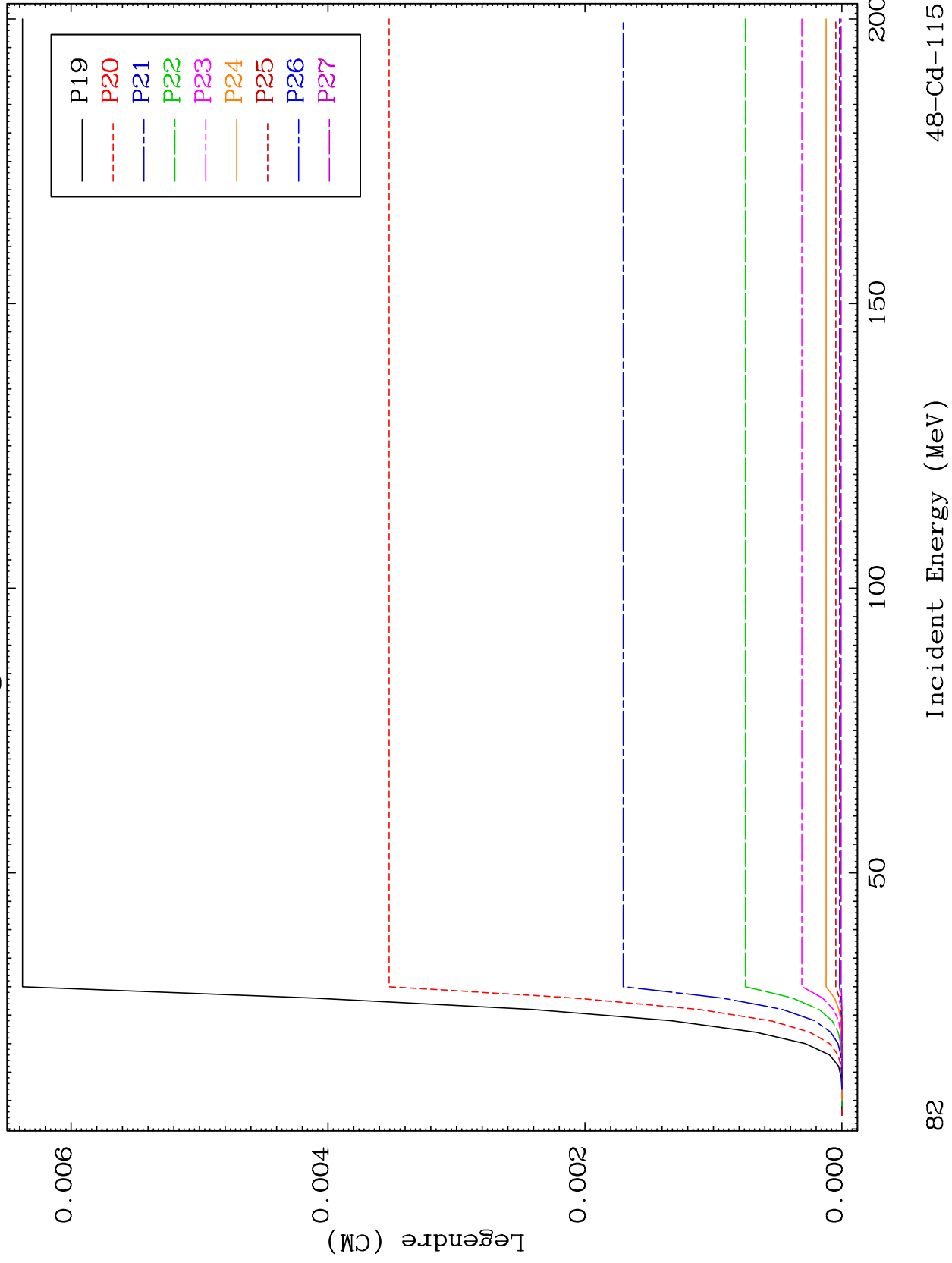
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



82

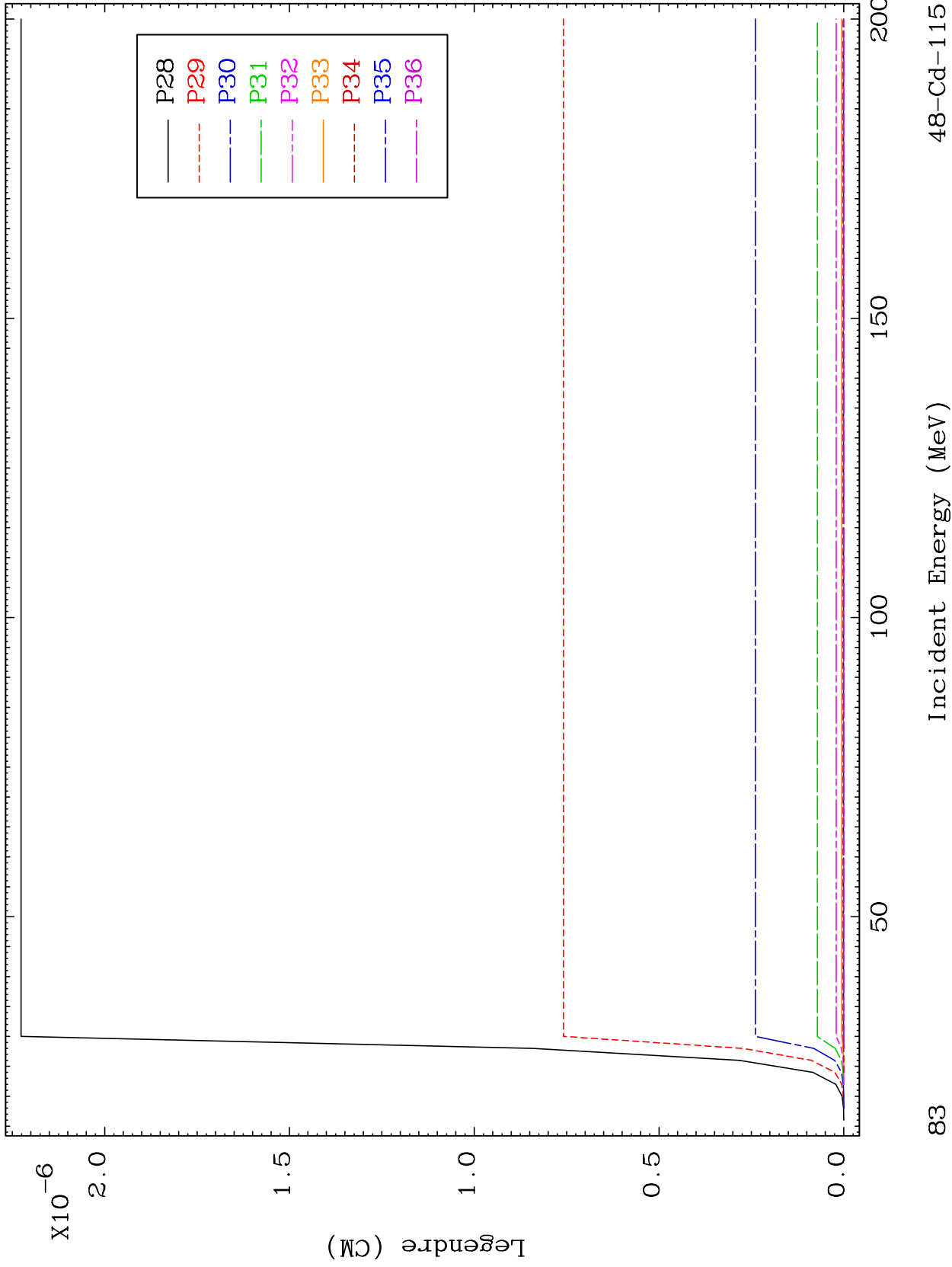
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

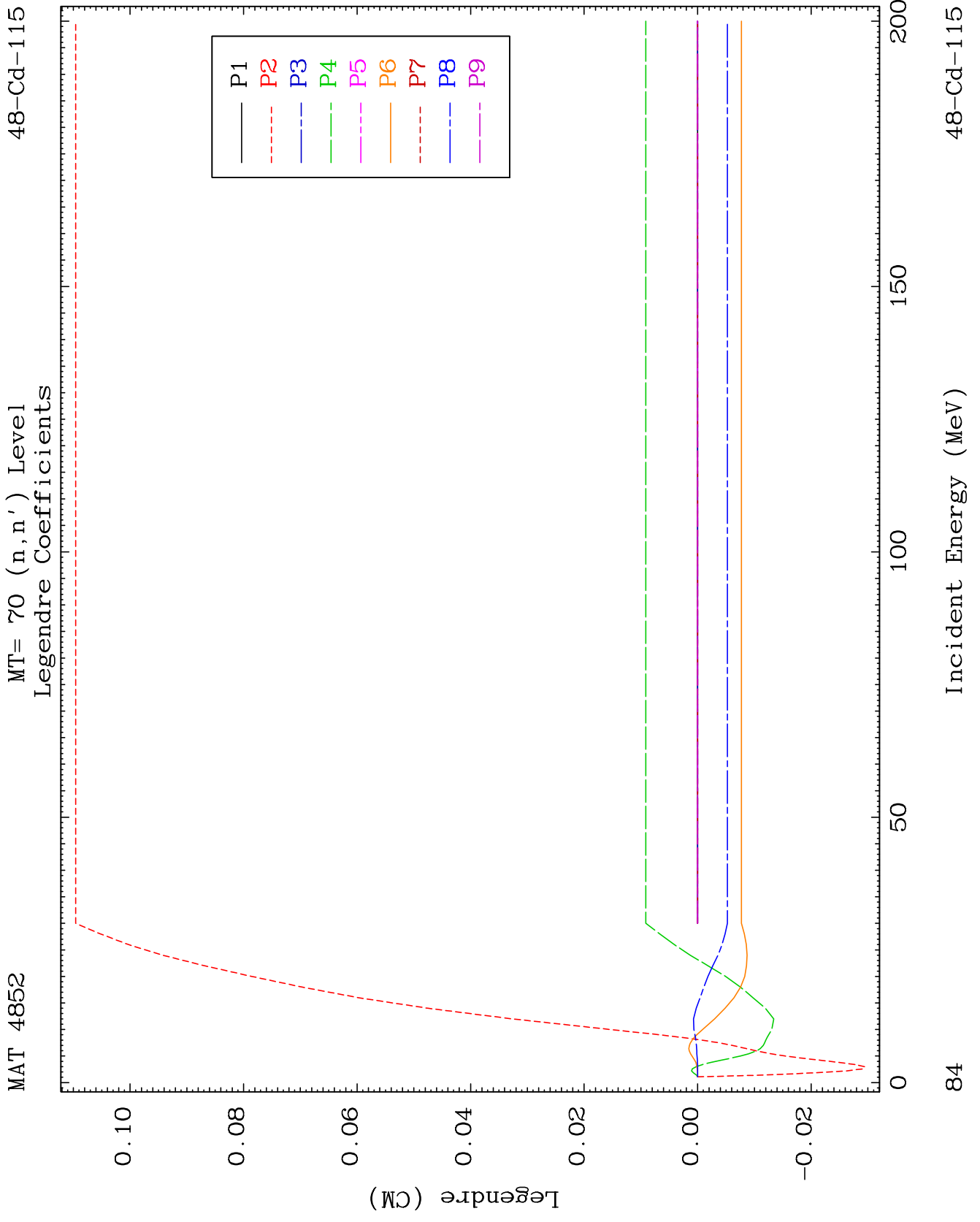
48-Cd-115



83

Incident Energy (MeV)

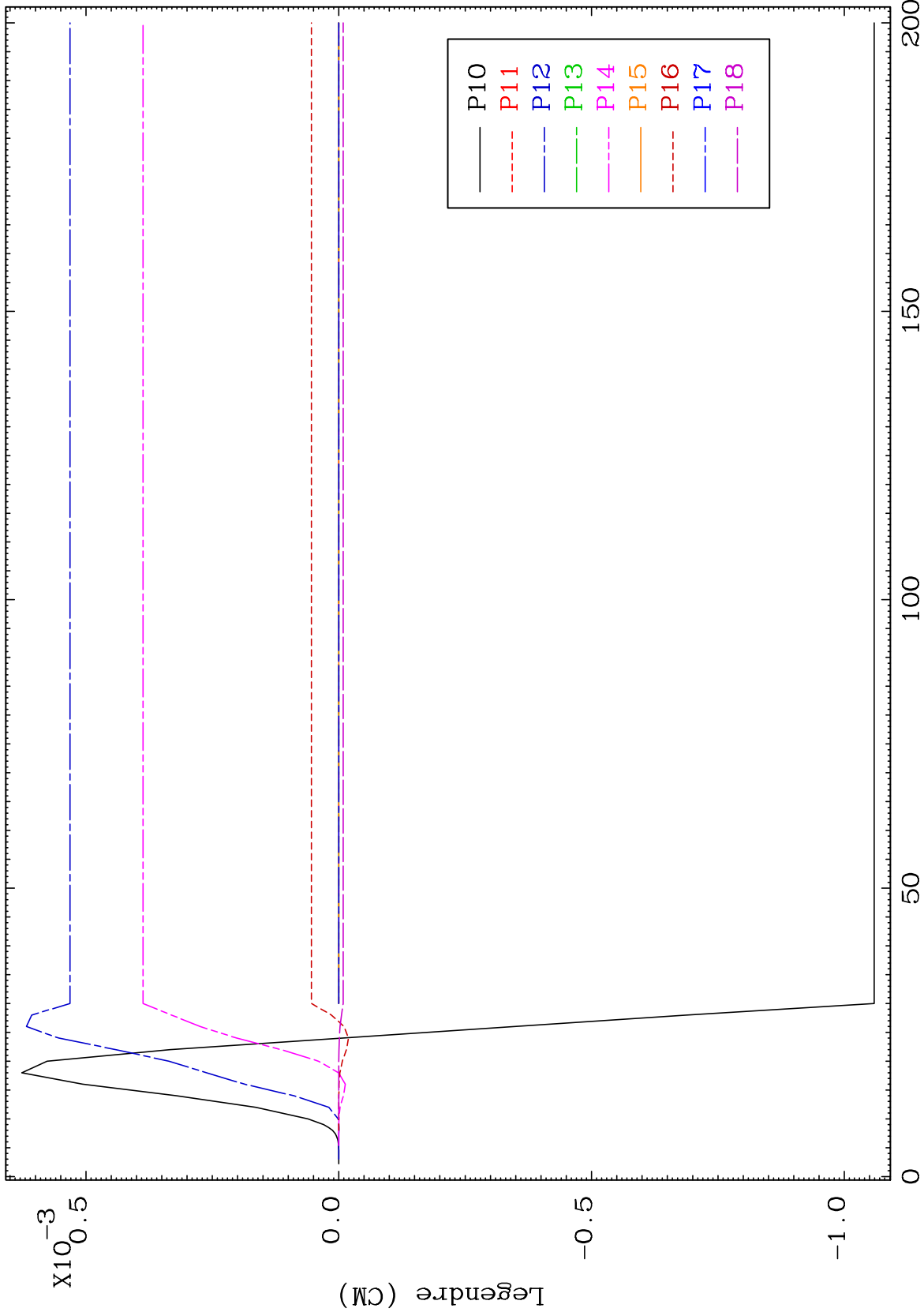
48-Cd-115



MAT 4852

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

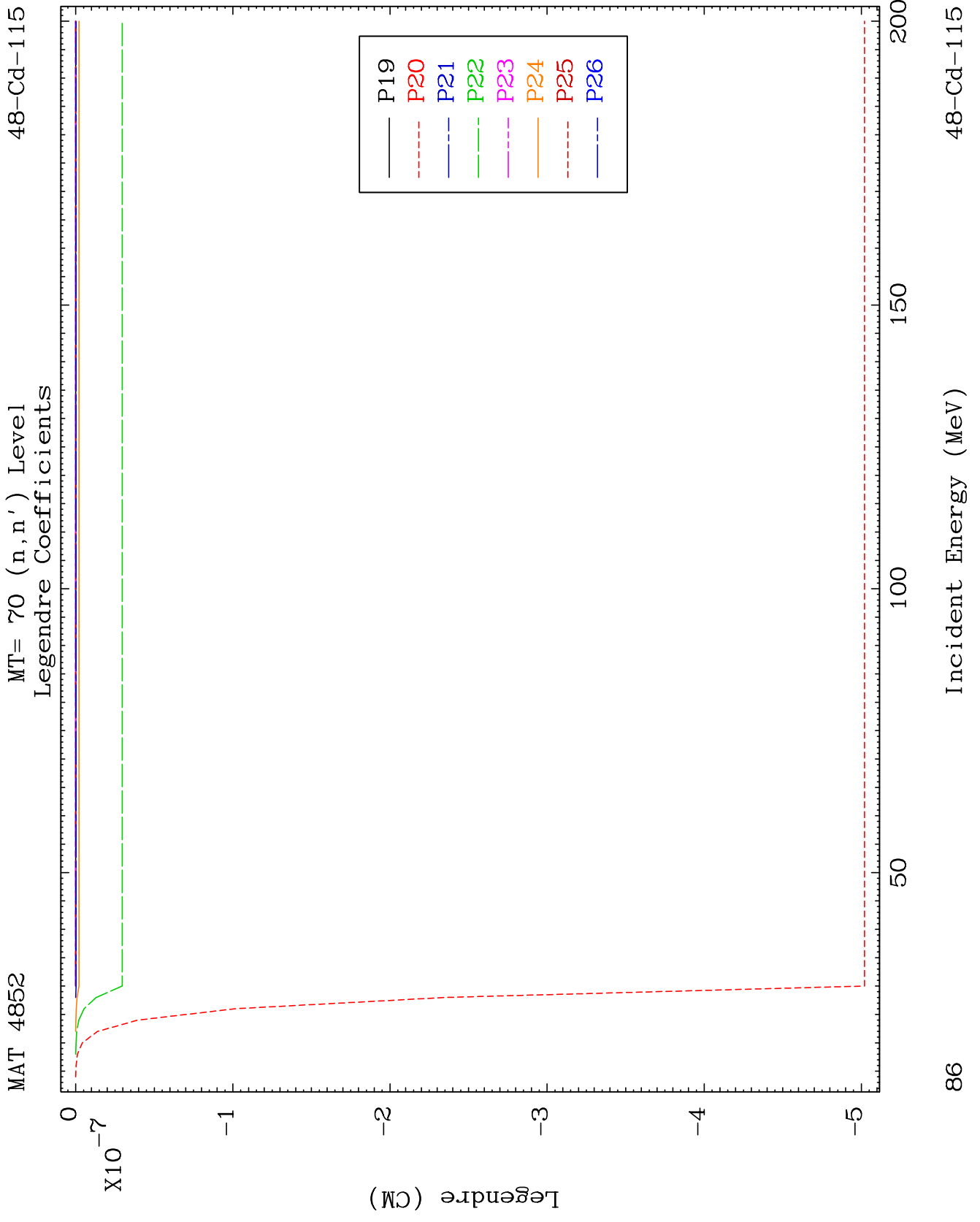
48-Cd-115



85

Incident Energy (MeV)

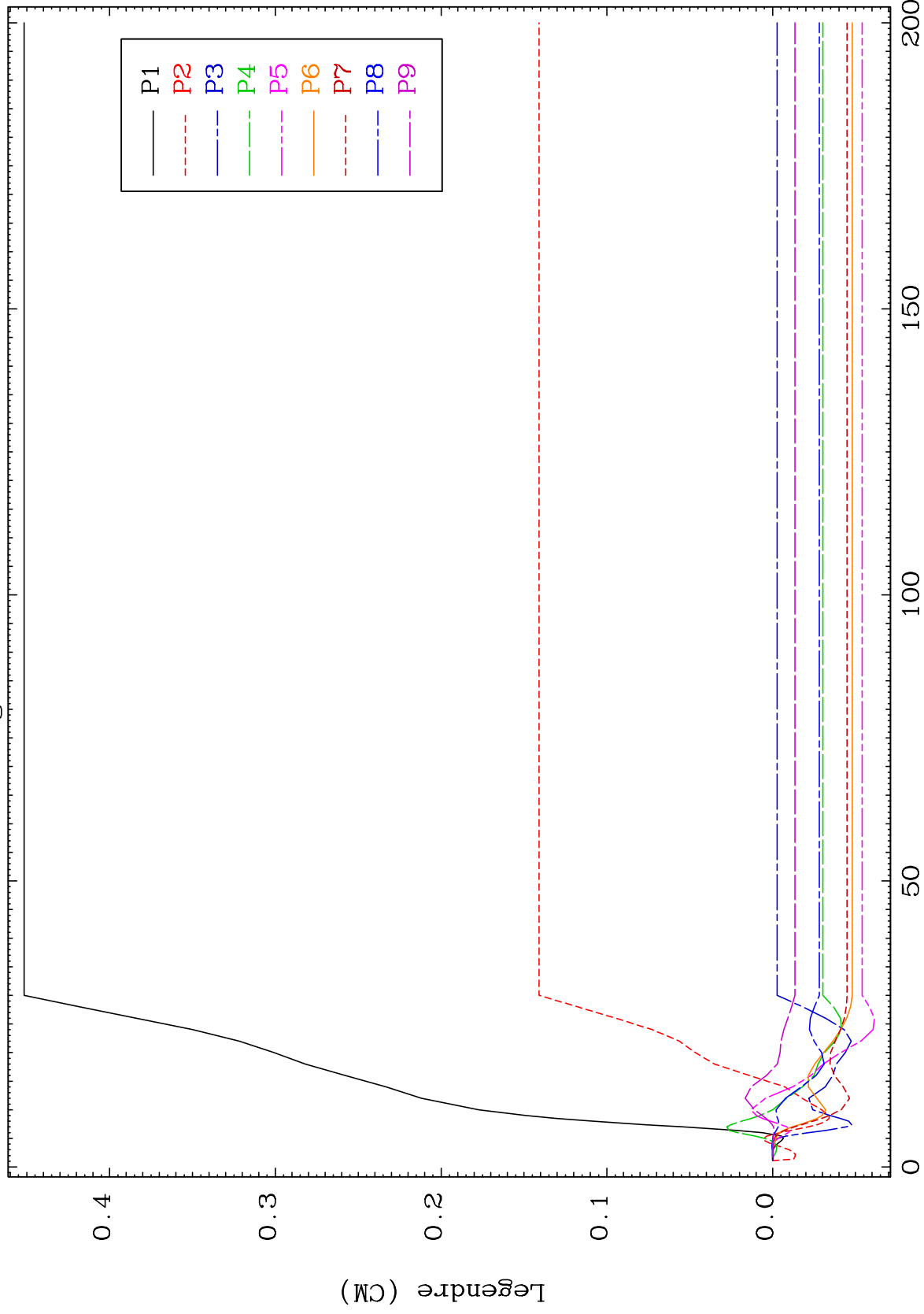
48-Cd-115



MAT 4852

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

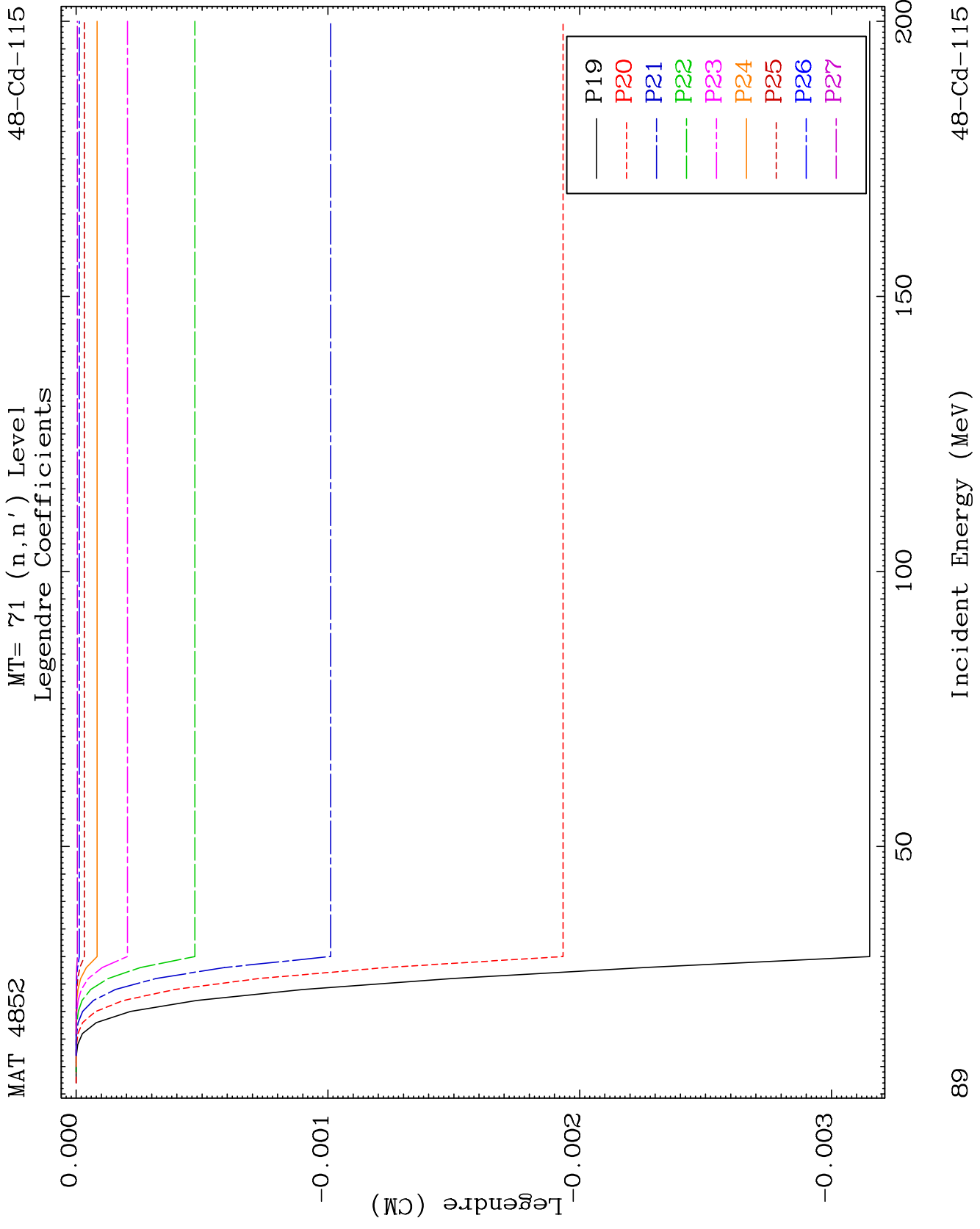
48-Cd-115

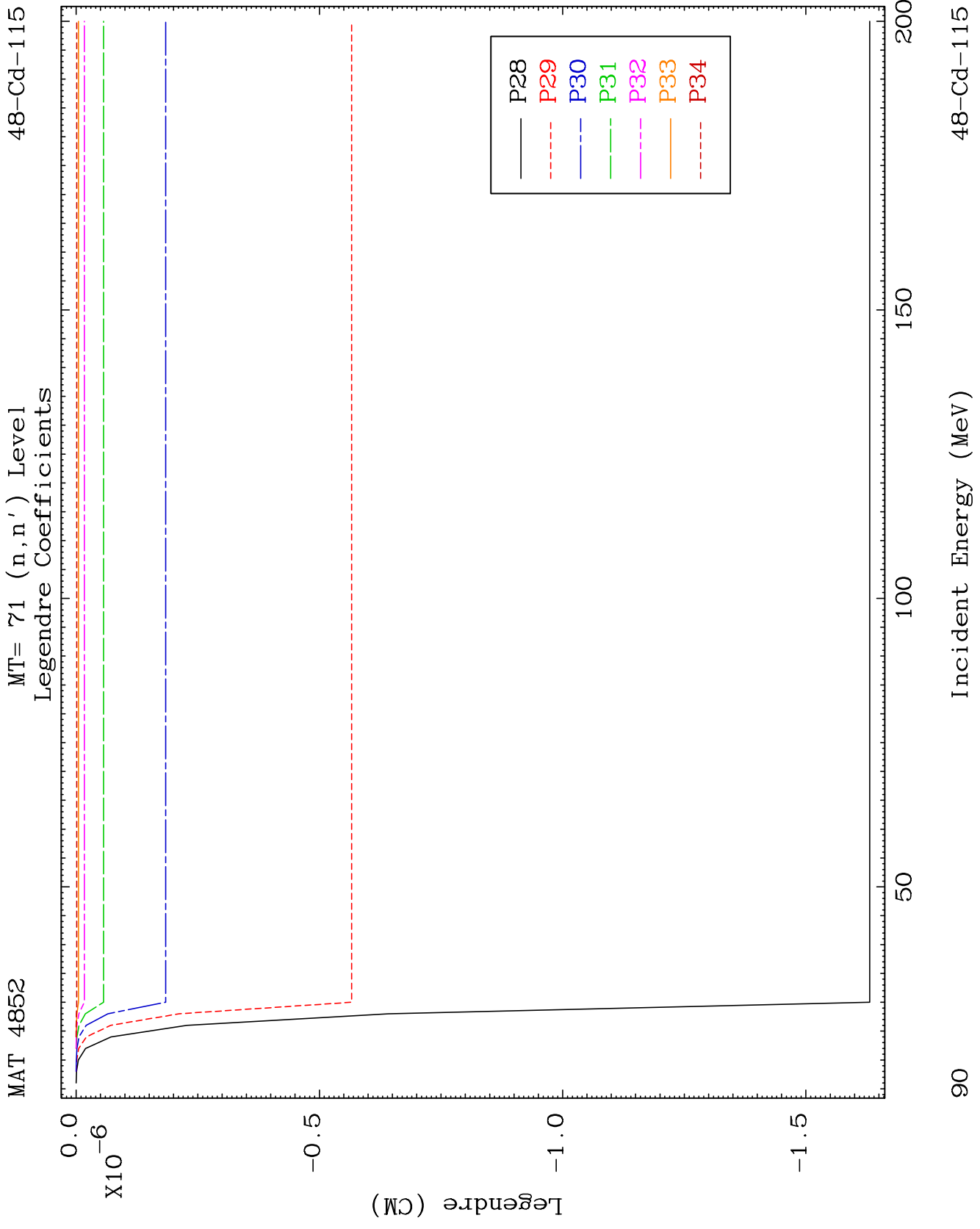


87

Incident Energy (MeV)

48-Cd-115

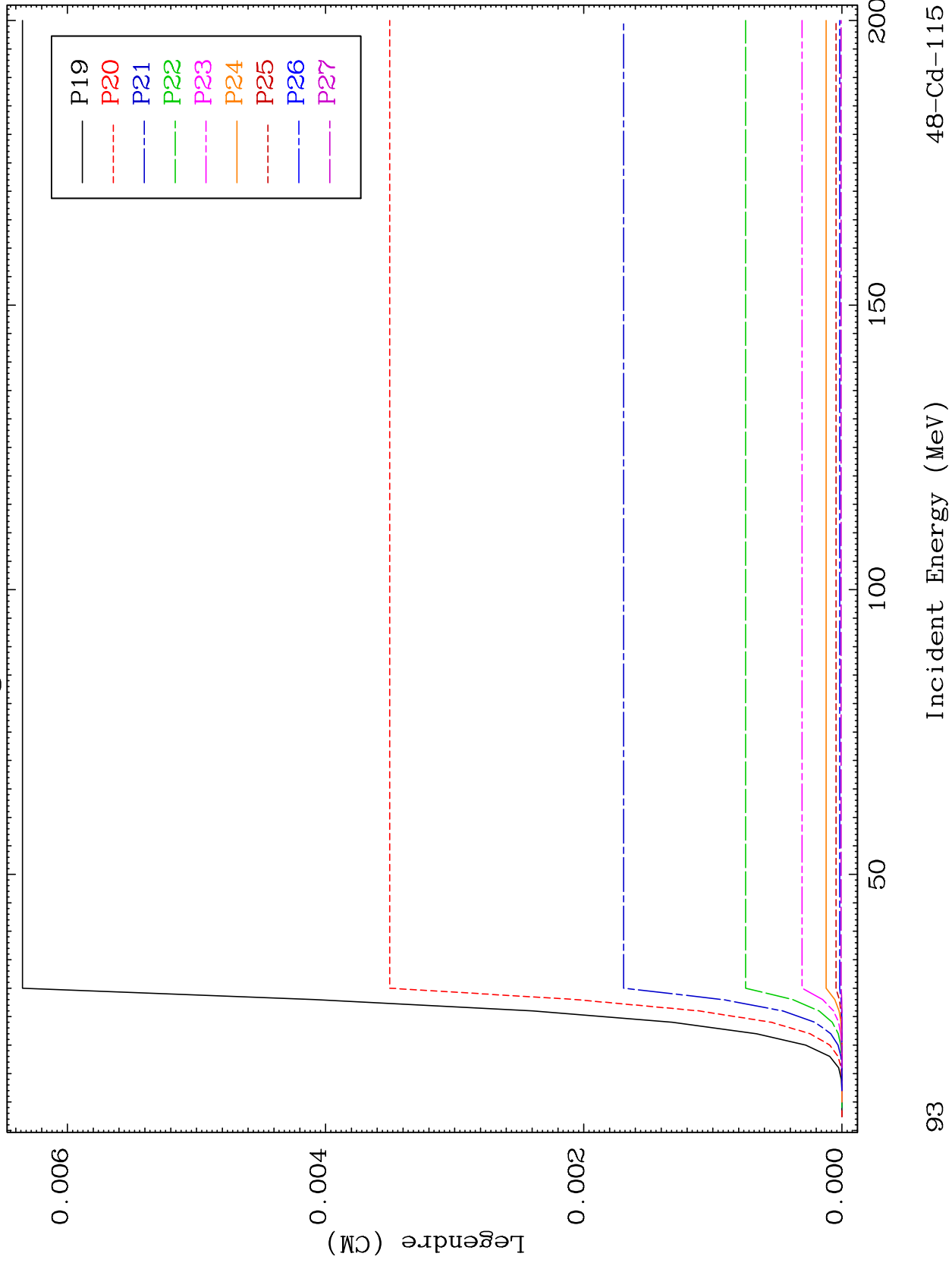




MAT 4852

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

48-Cd-115



93

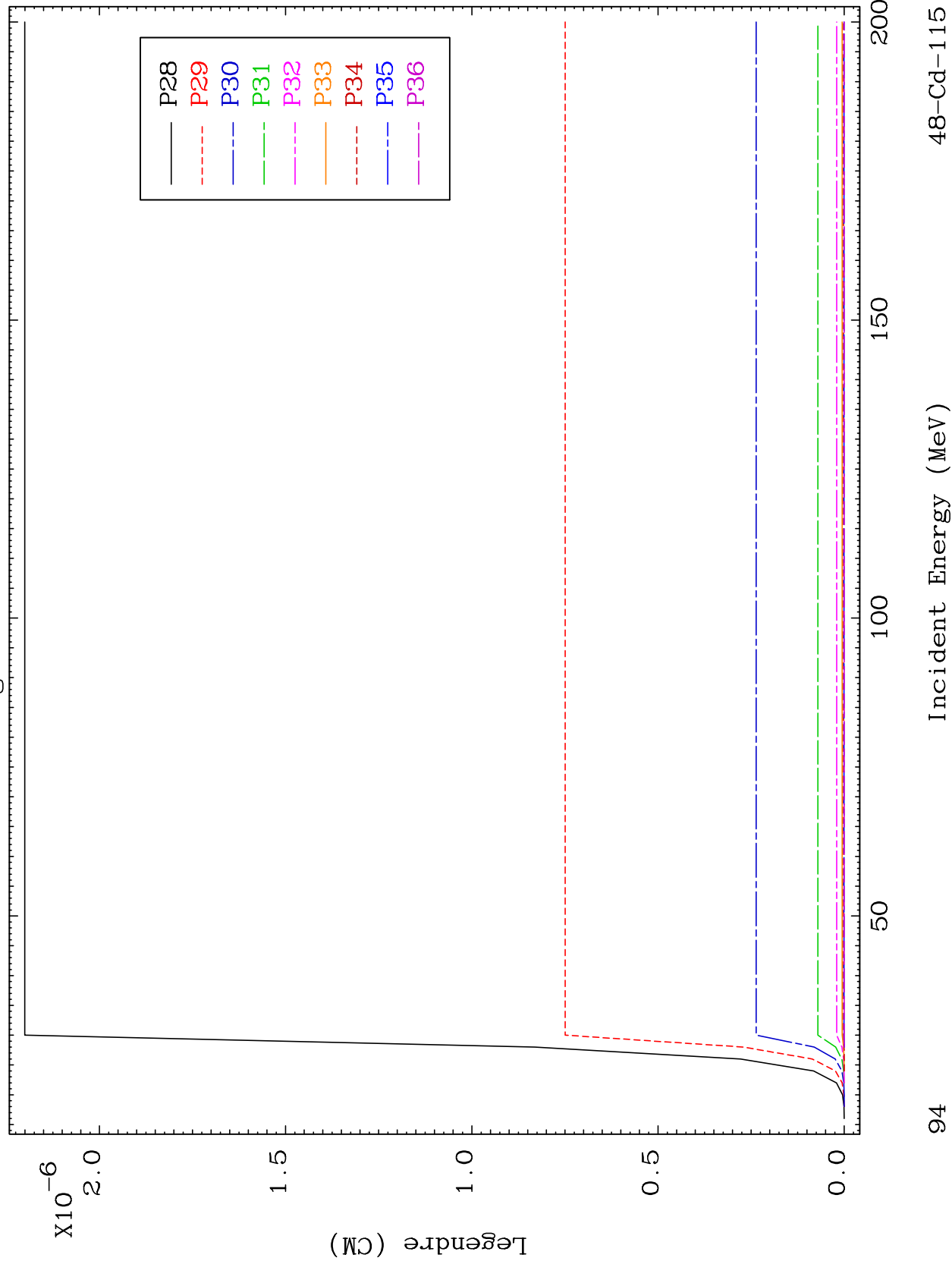
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

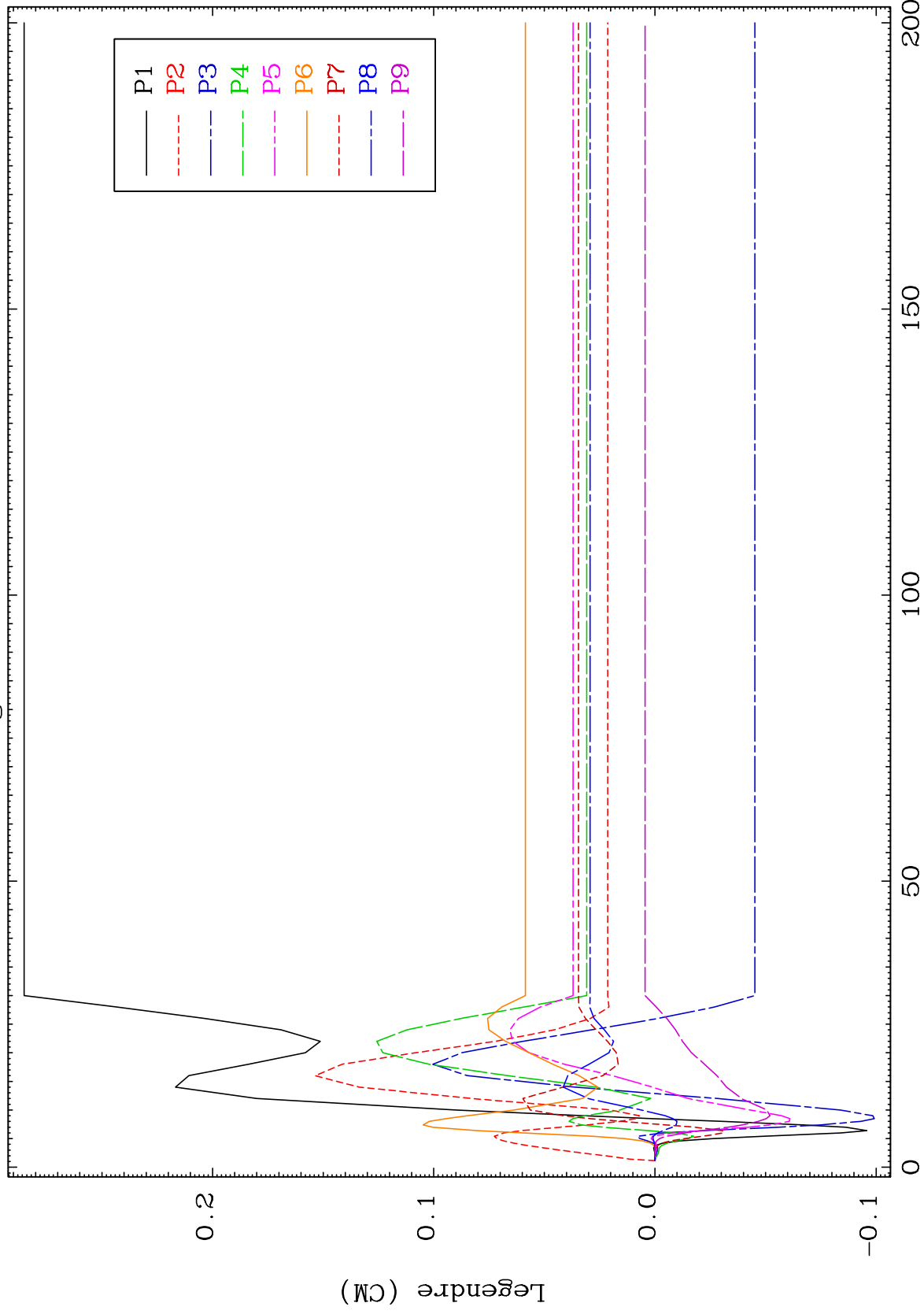
48-Cd-115



MAT 4852

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

48-Cd-115



48-Cd-115

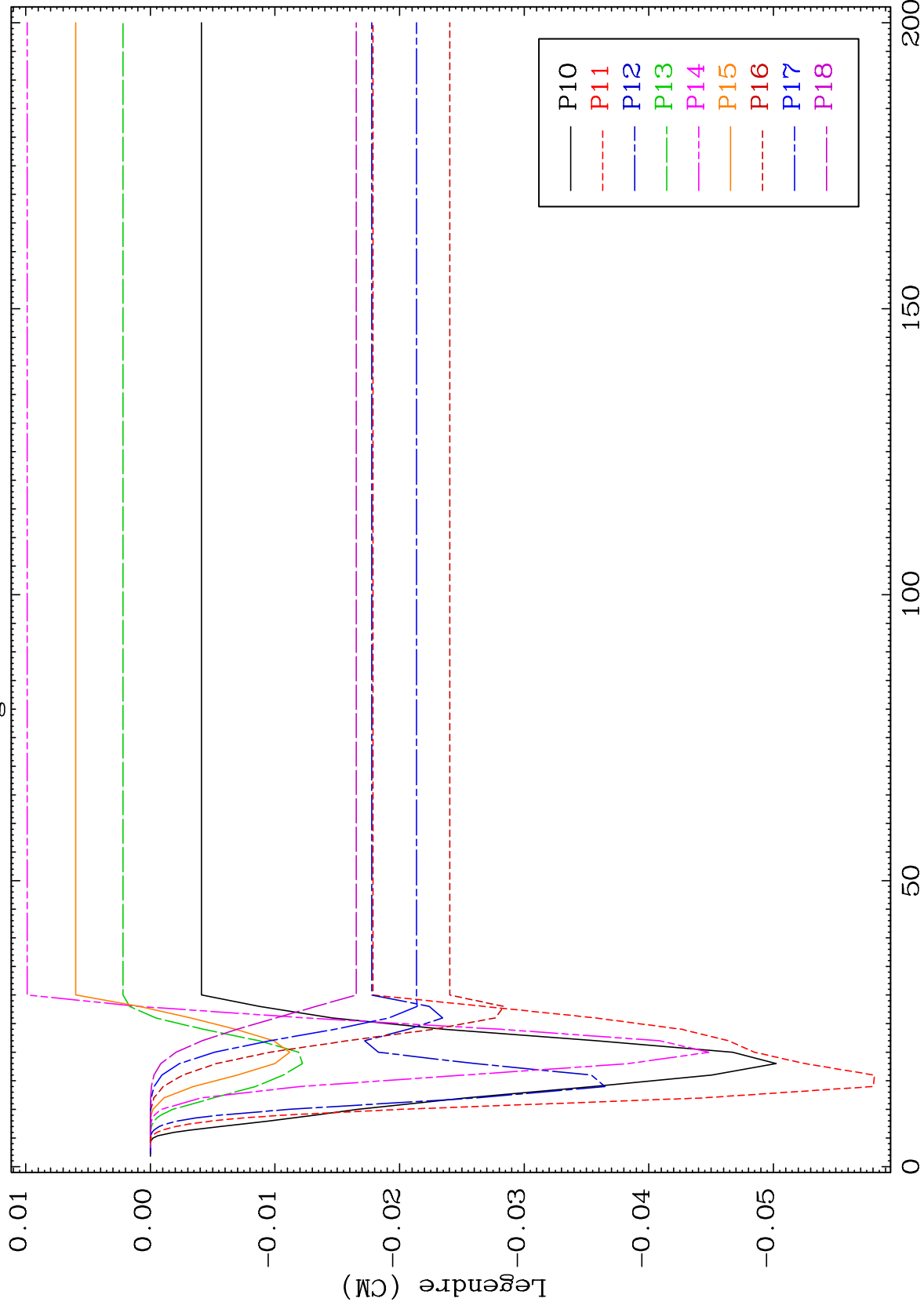
Incident Energy (MeV)

95

MAT 4852

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

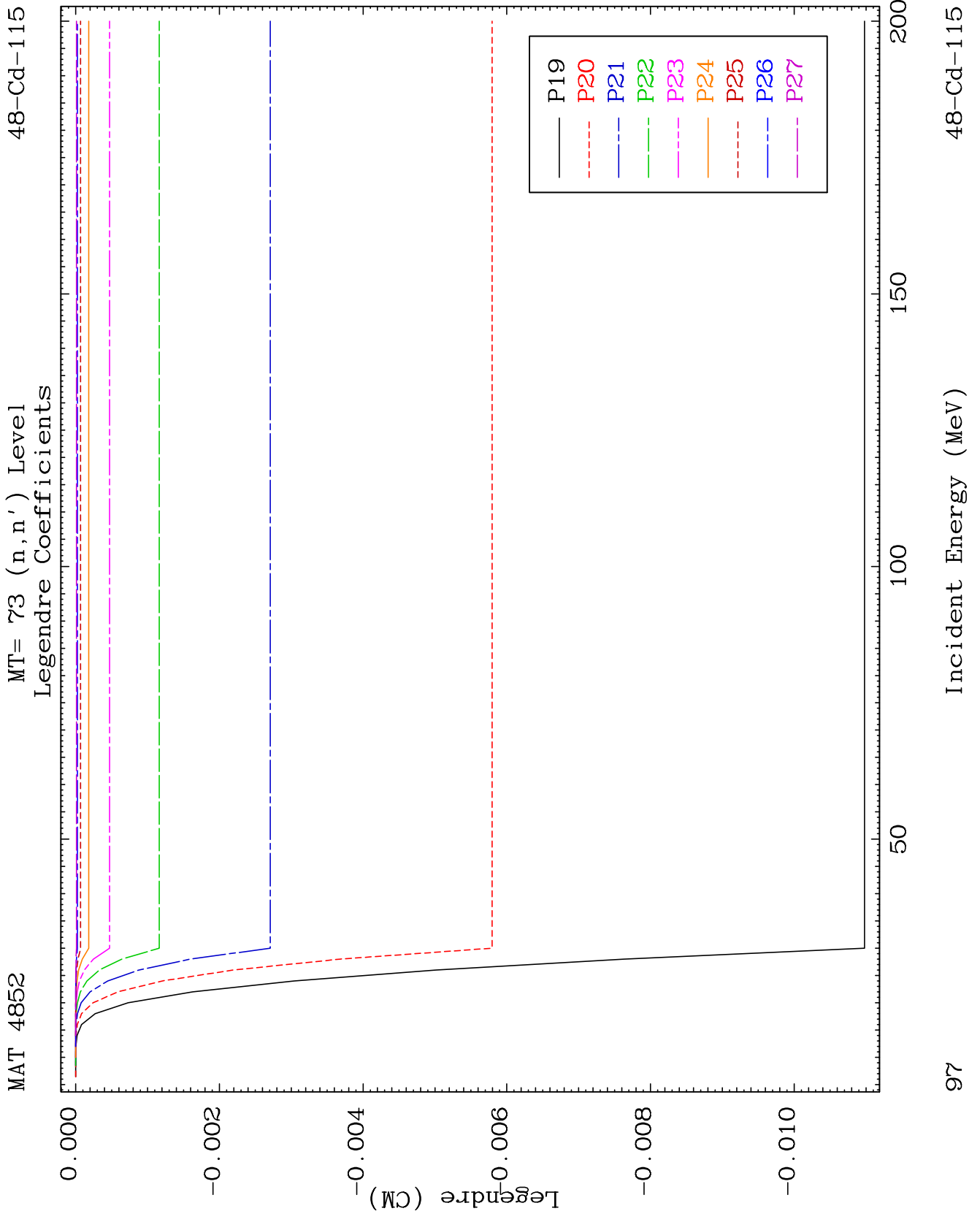
48-Cd-115

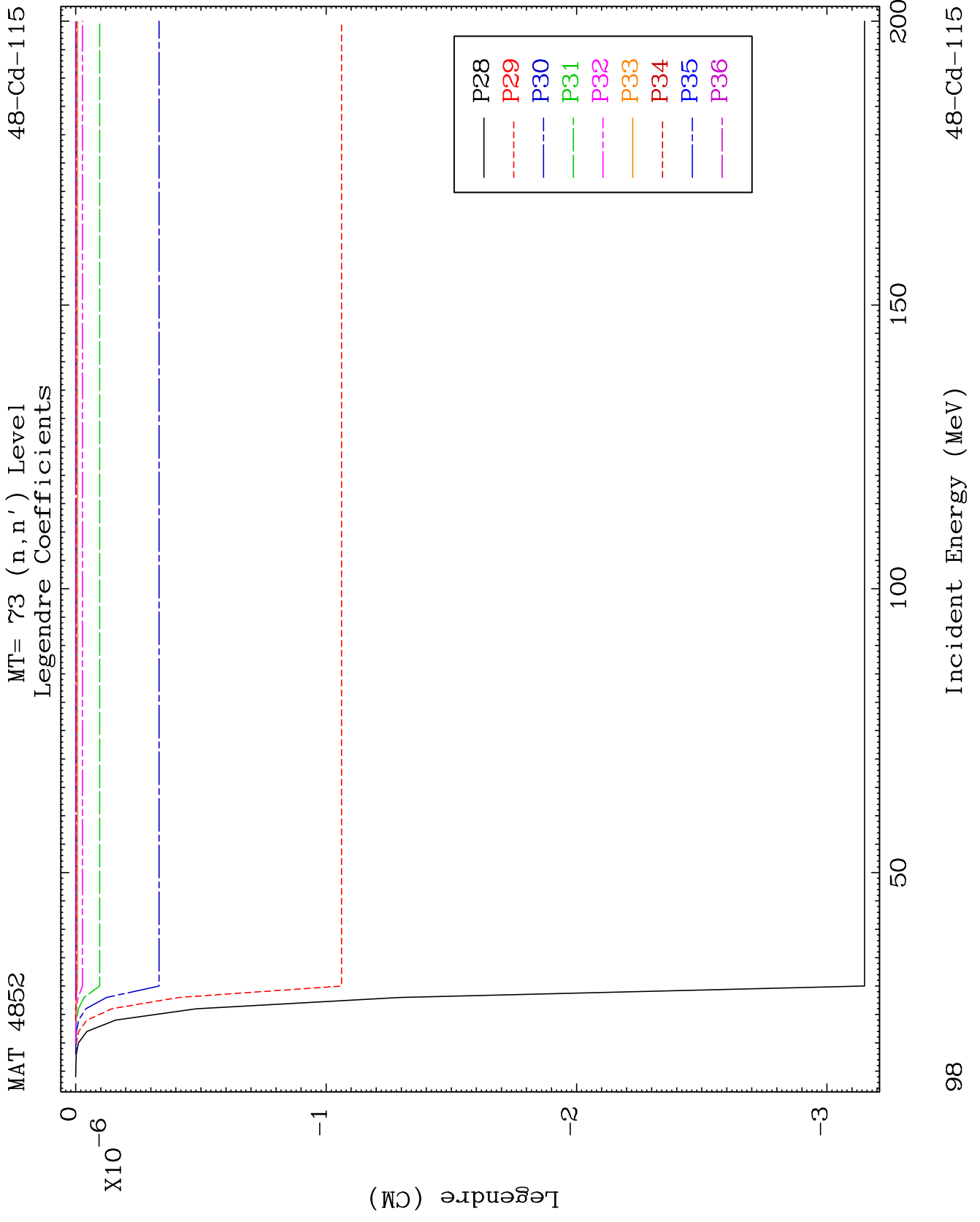


96

Incident Energy (MeV)

48-Cd-115

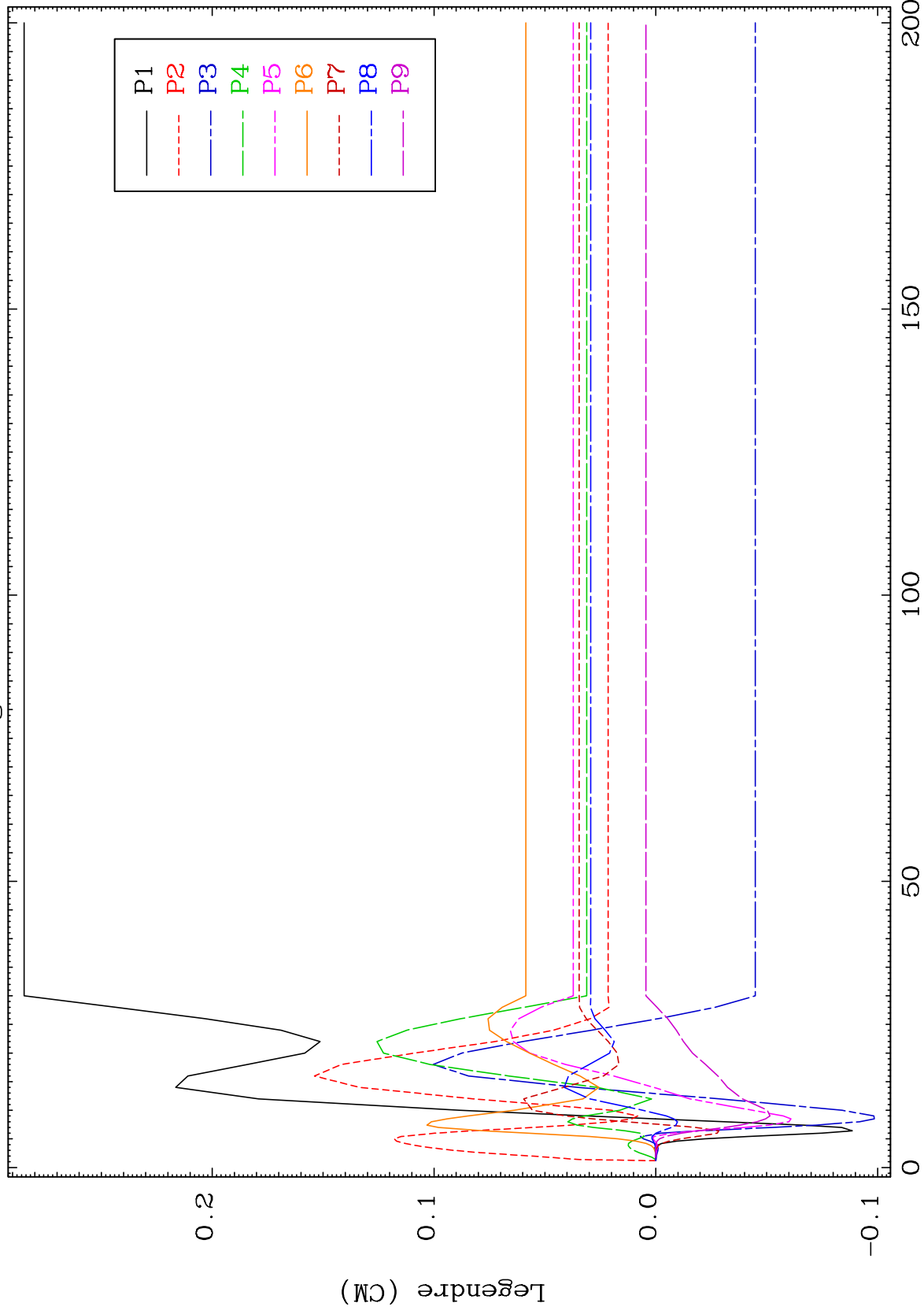




MAT 4852

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

48-Cd-115



99

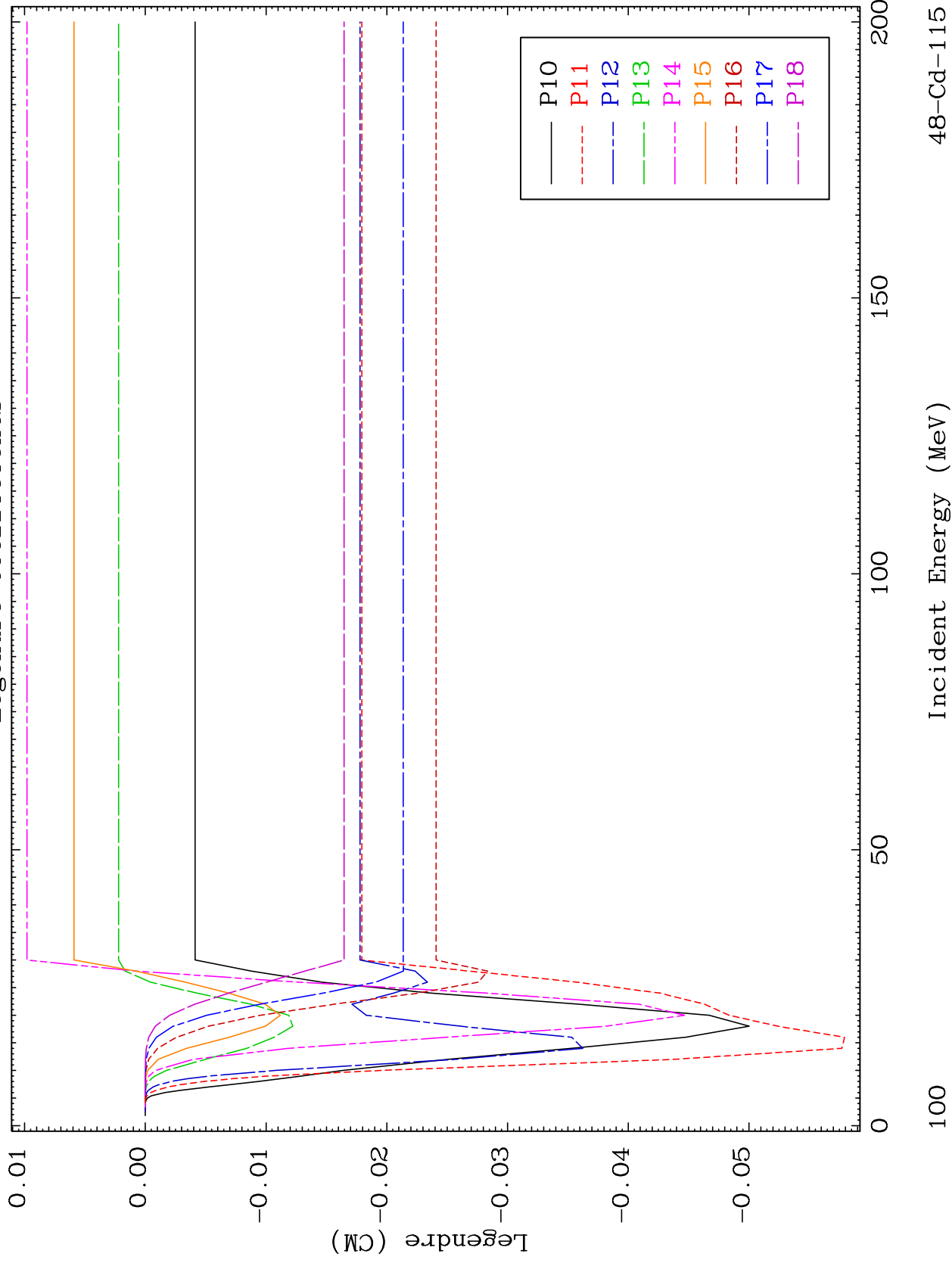
Incident Energy (MeV)

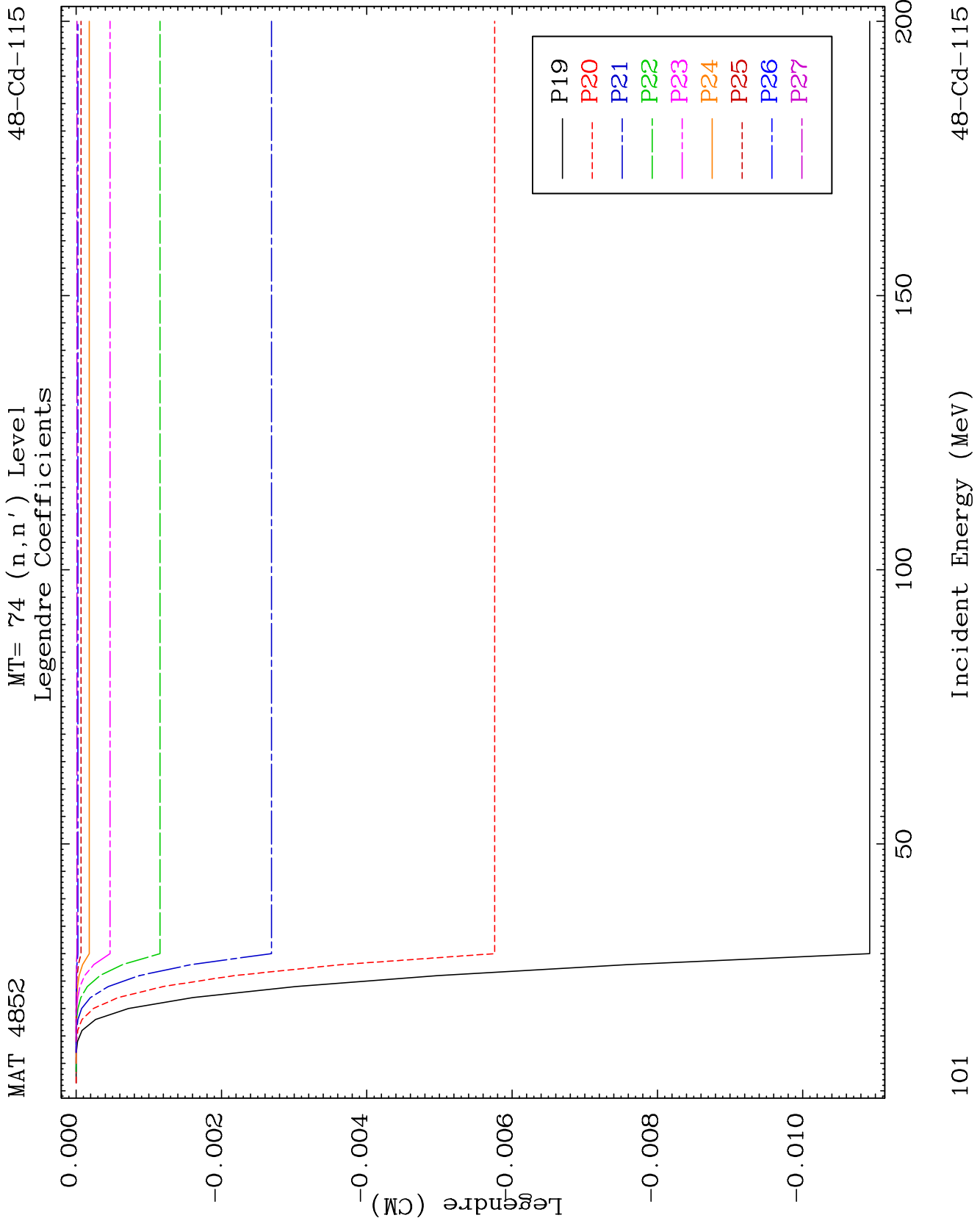
48-Cd-115

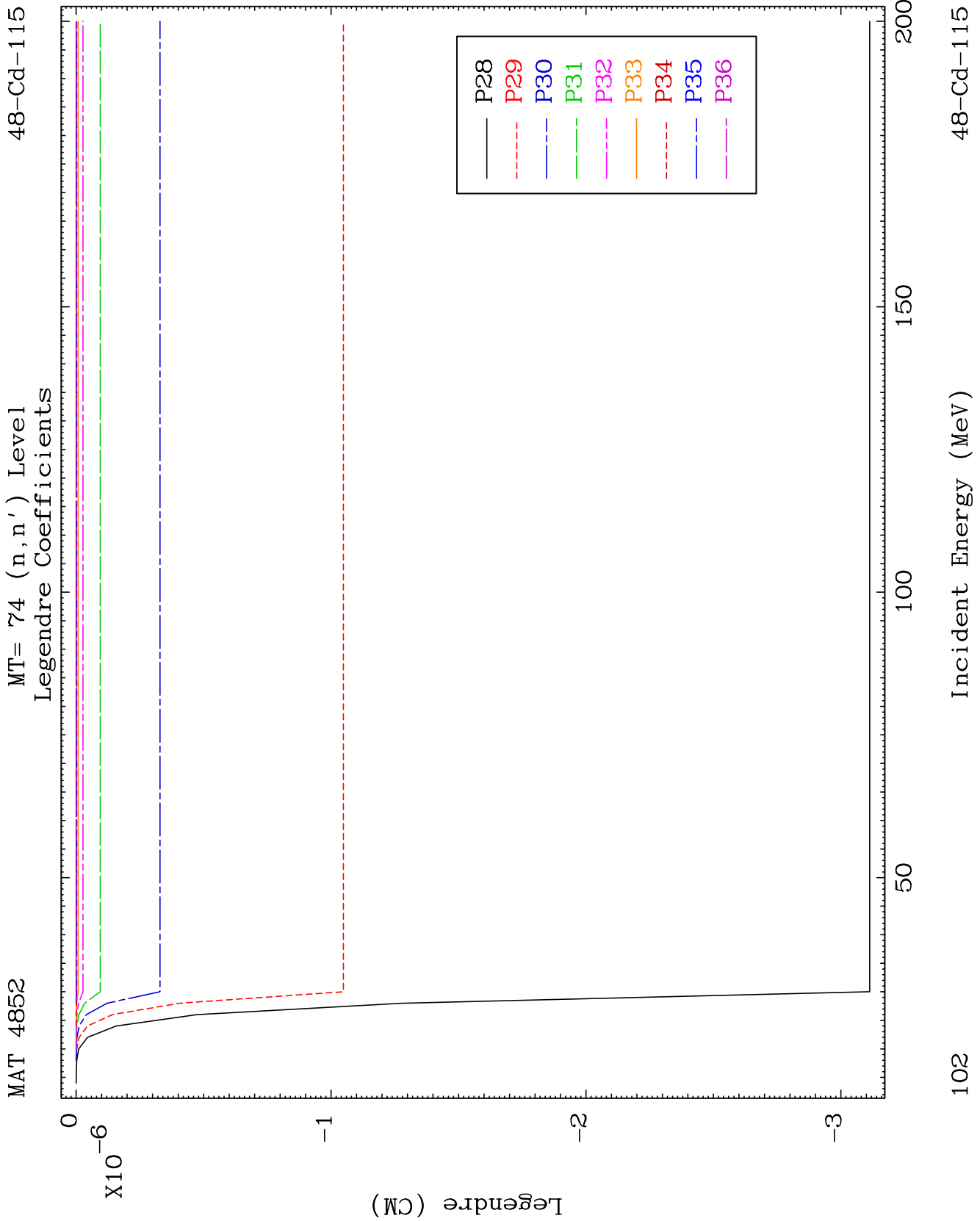
MAT 4852

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

48-Cd-115



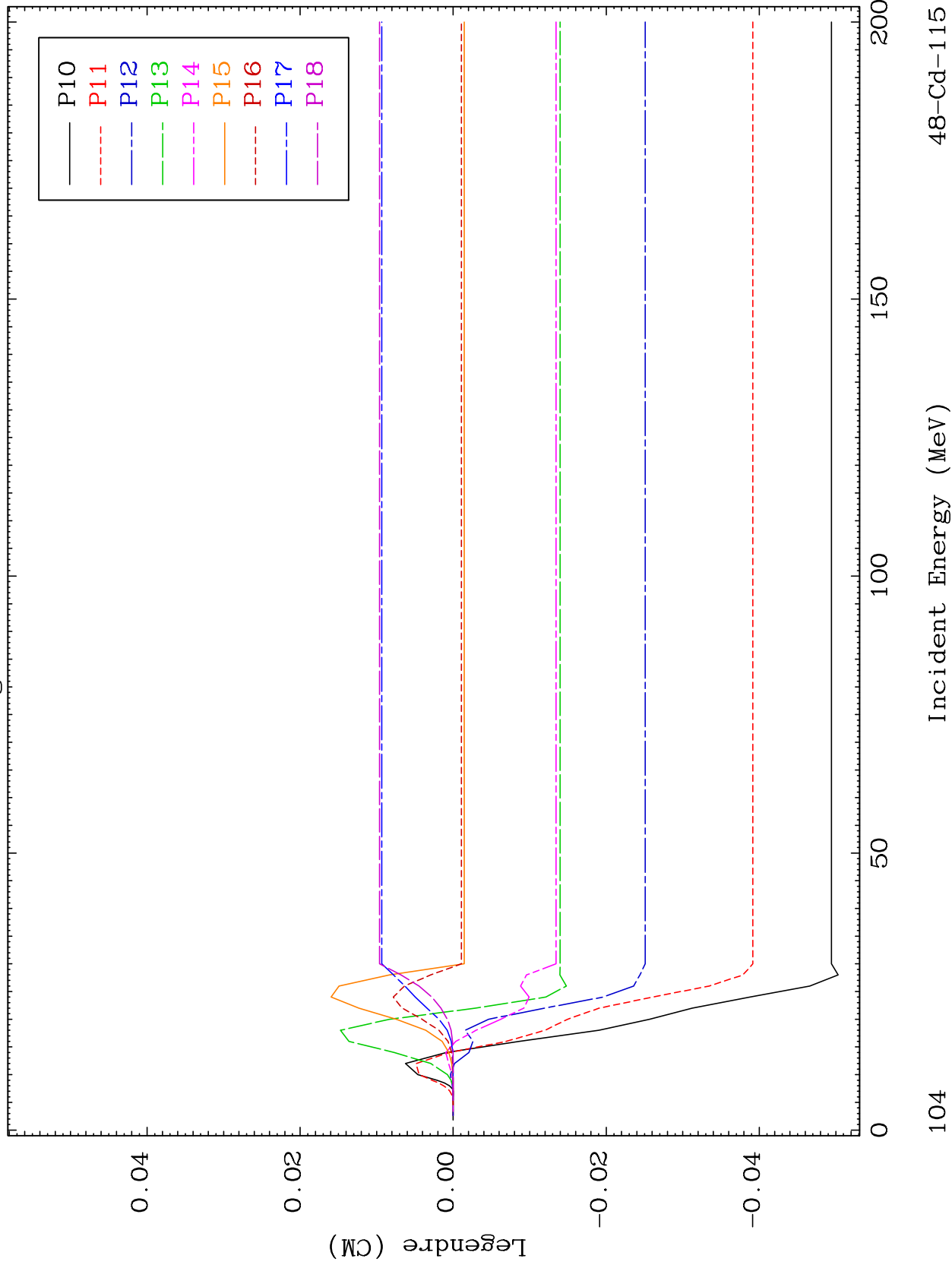




MAT 4852

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

48-Cd-115



104

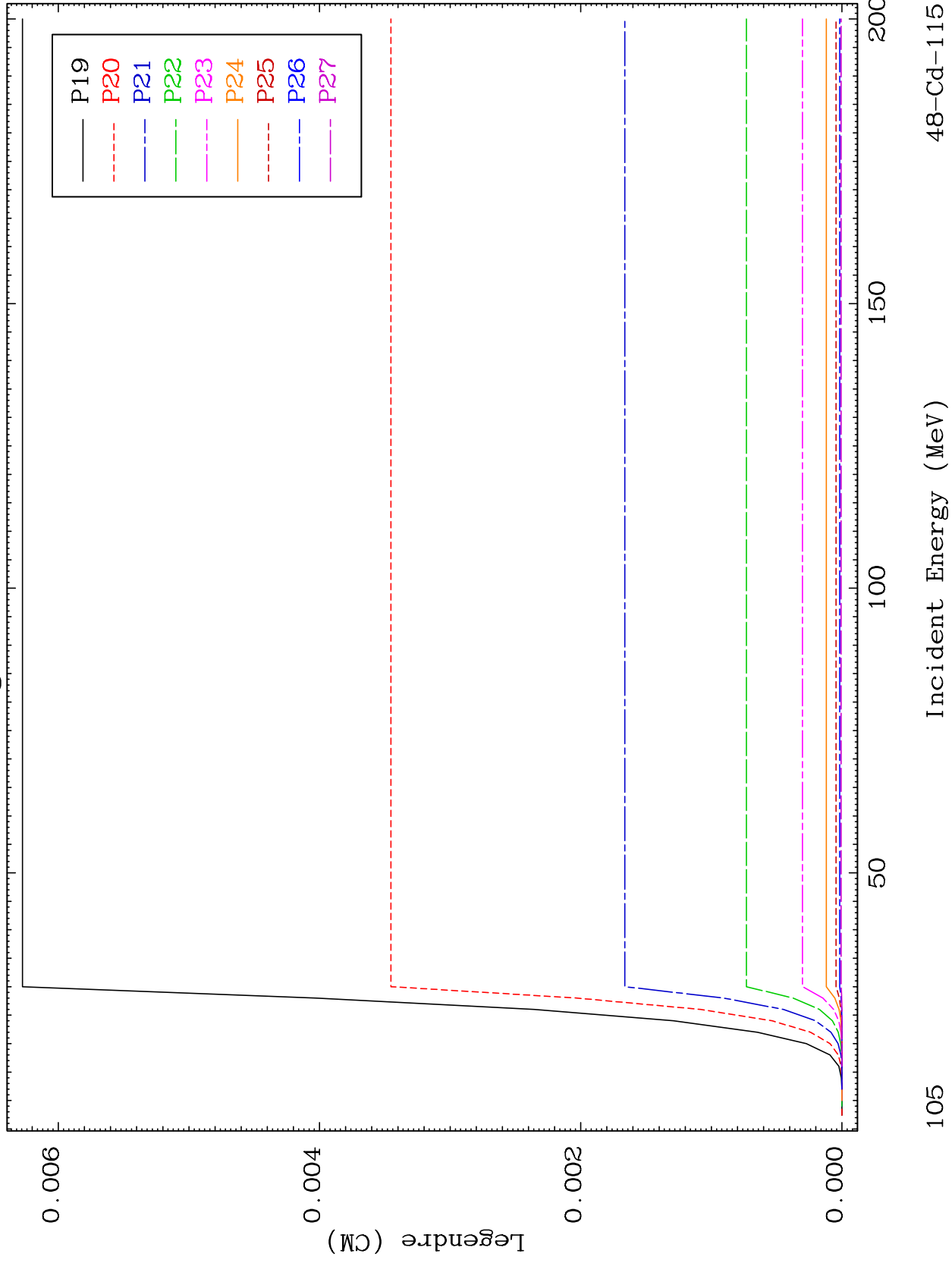
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

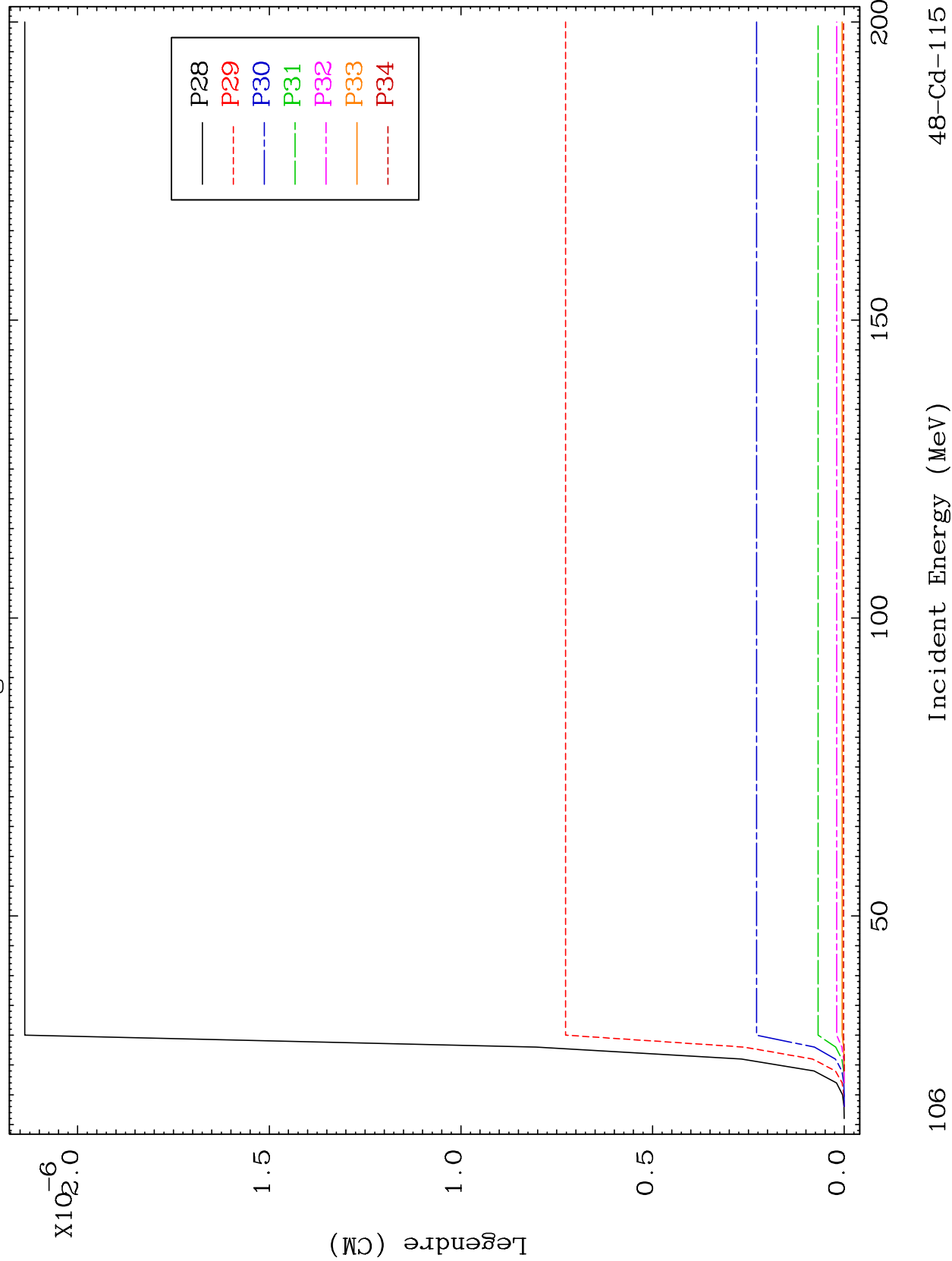
48-Cd-115



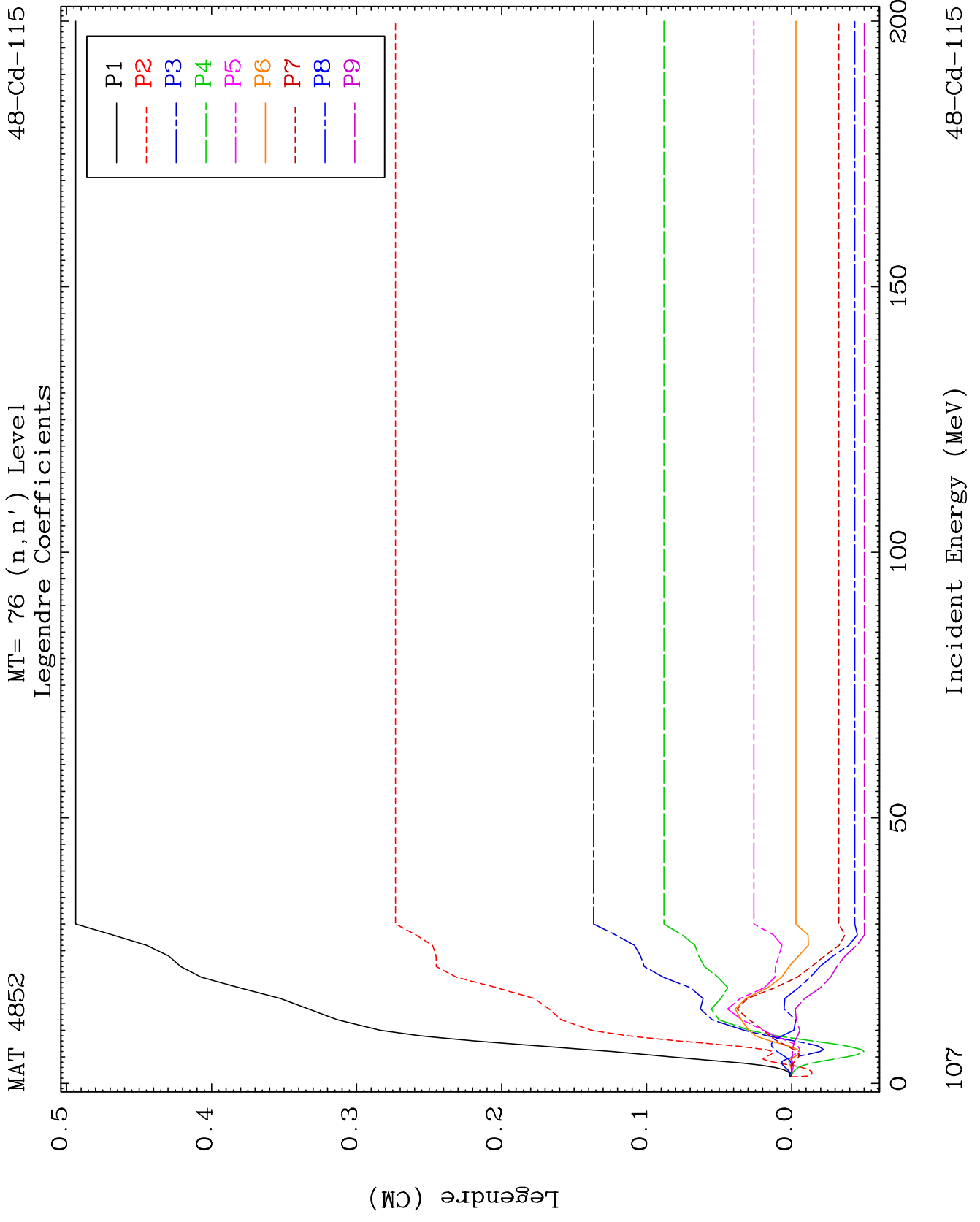
MAT 4852

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

48-Cd-115



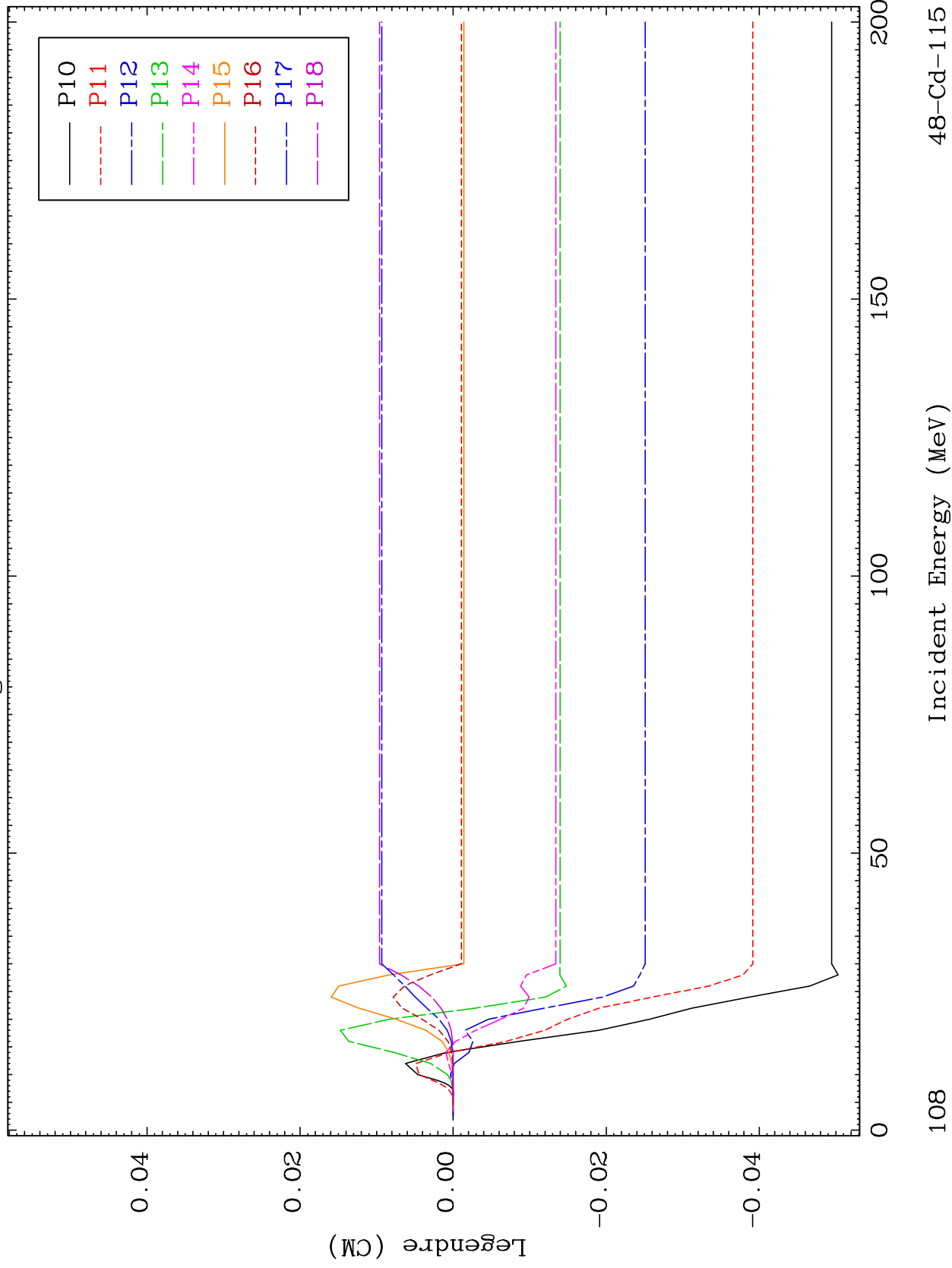
106



MAT 4852

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

48-Cd-115

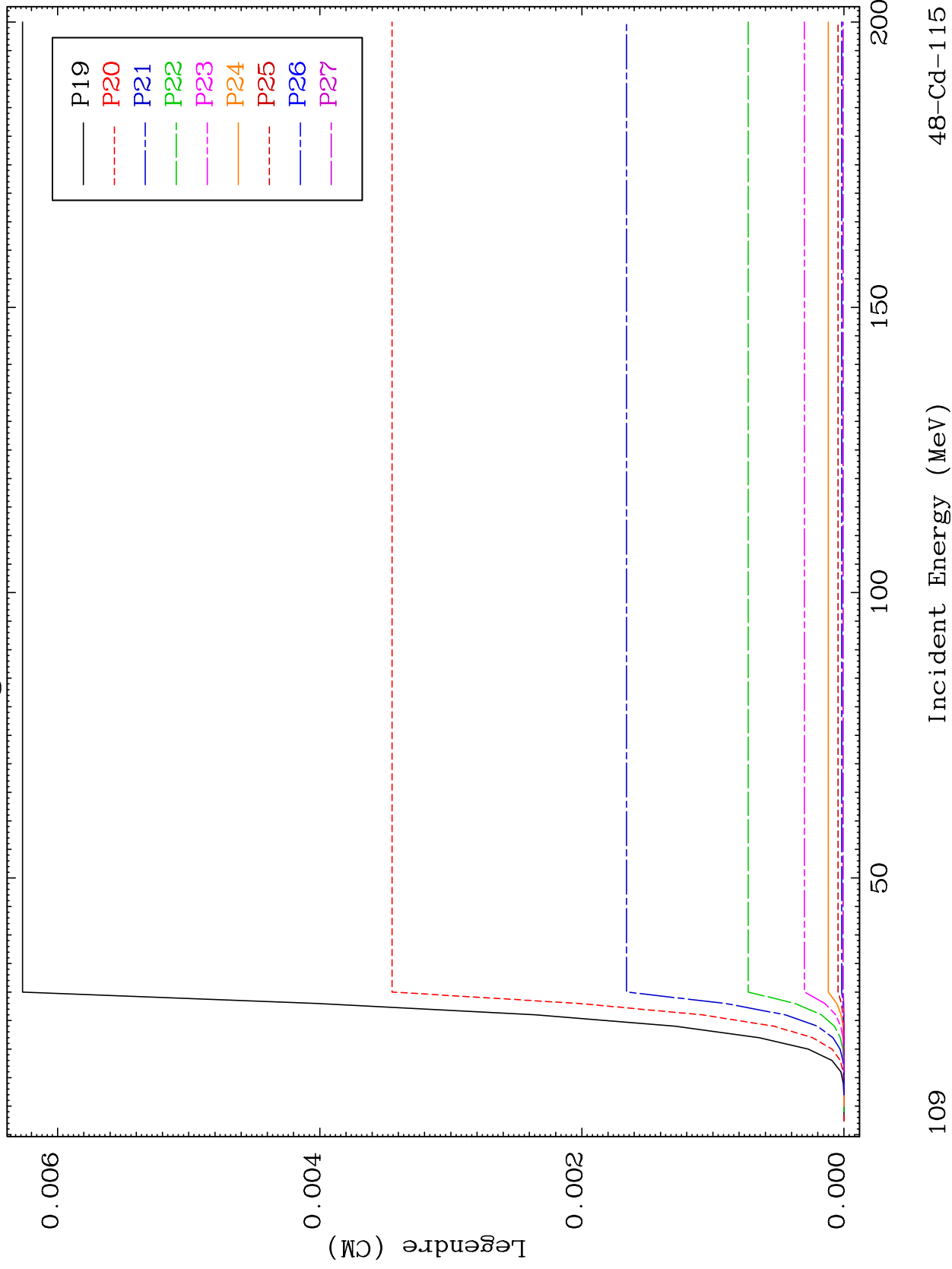


108

MAT 4852

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

48-Cd-115



109

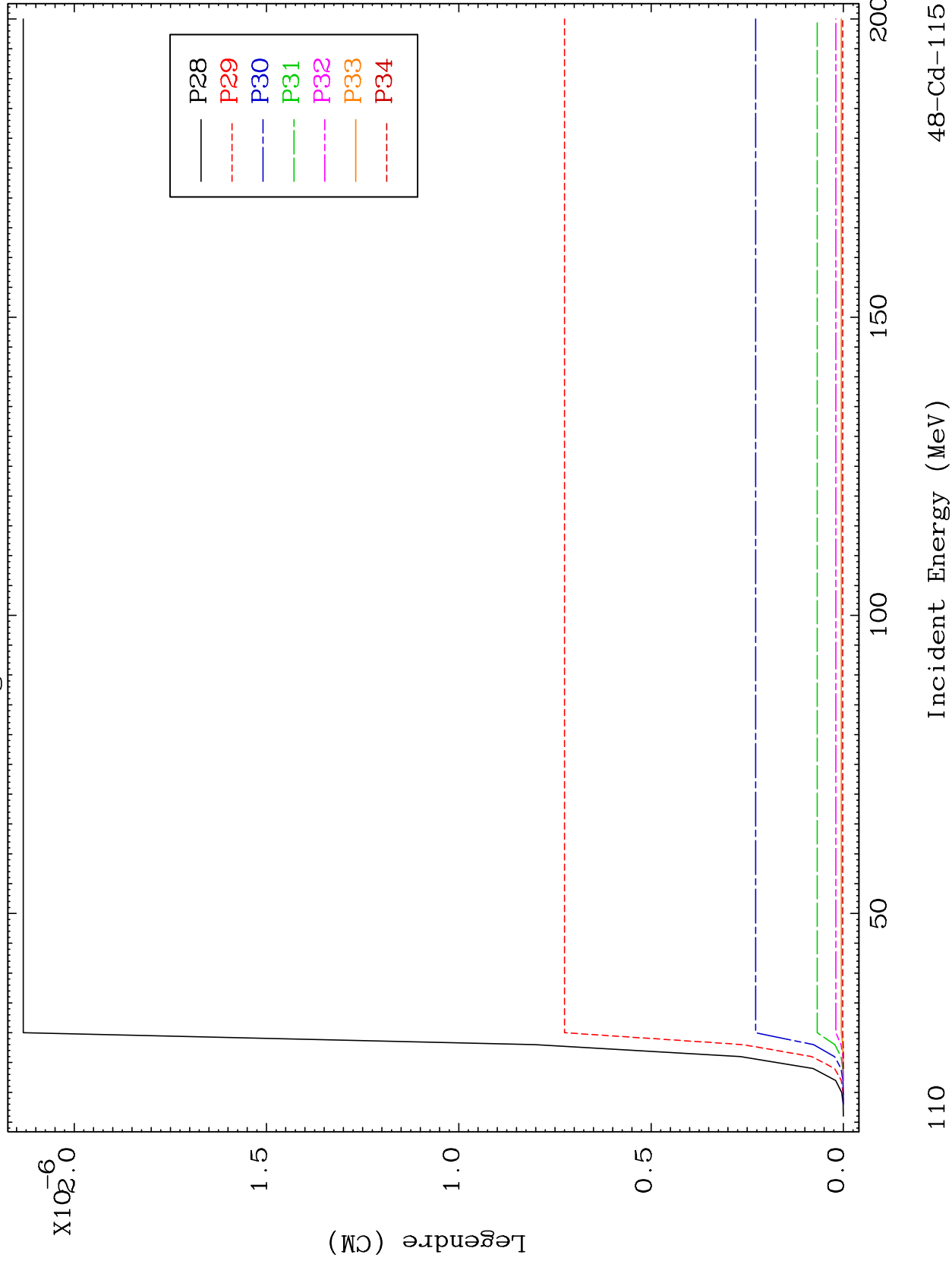
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

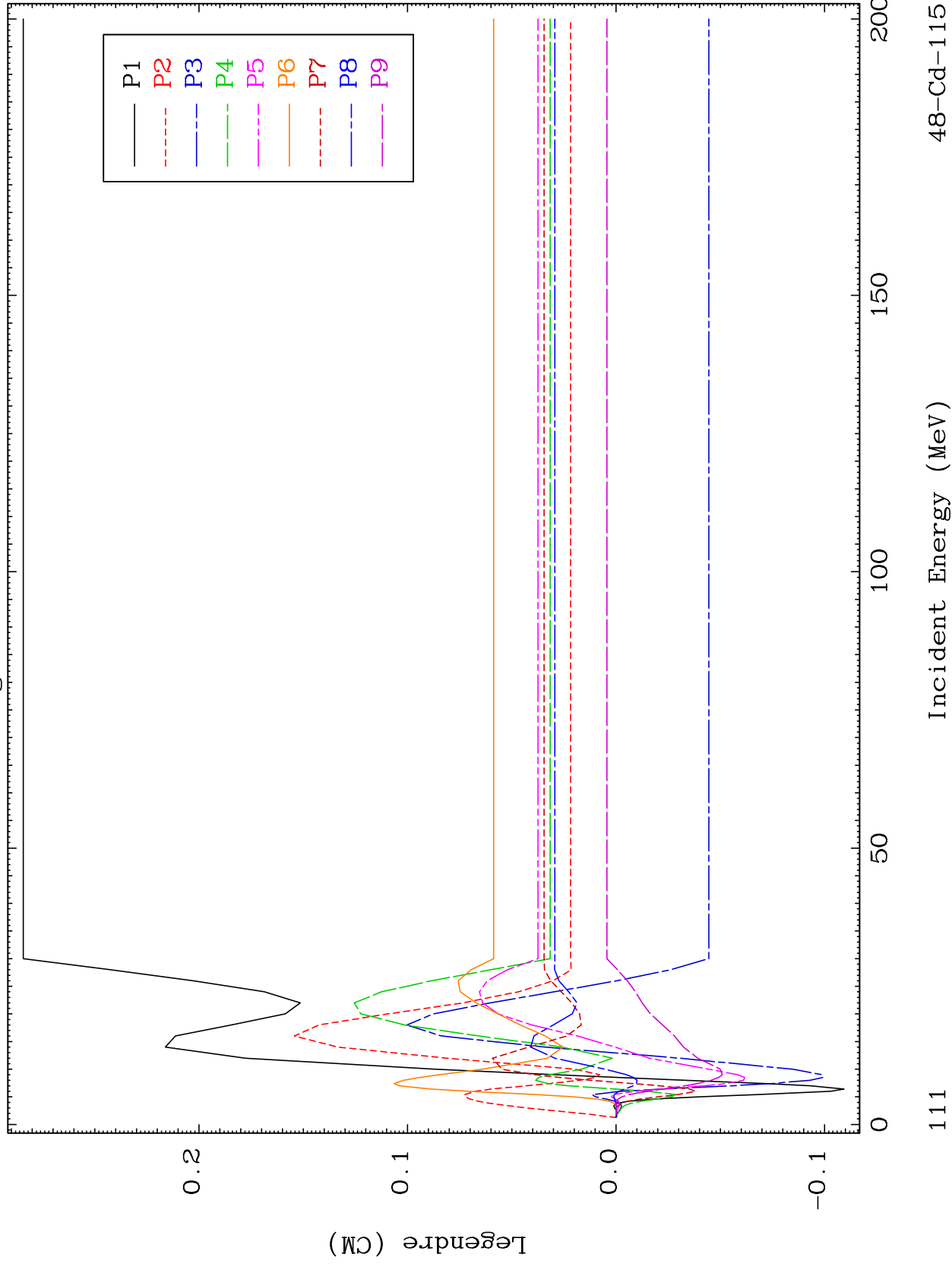
48-Cd-115



MAT 4852

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

48-Cd-115



48-Cd-115

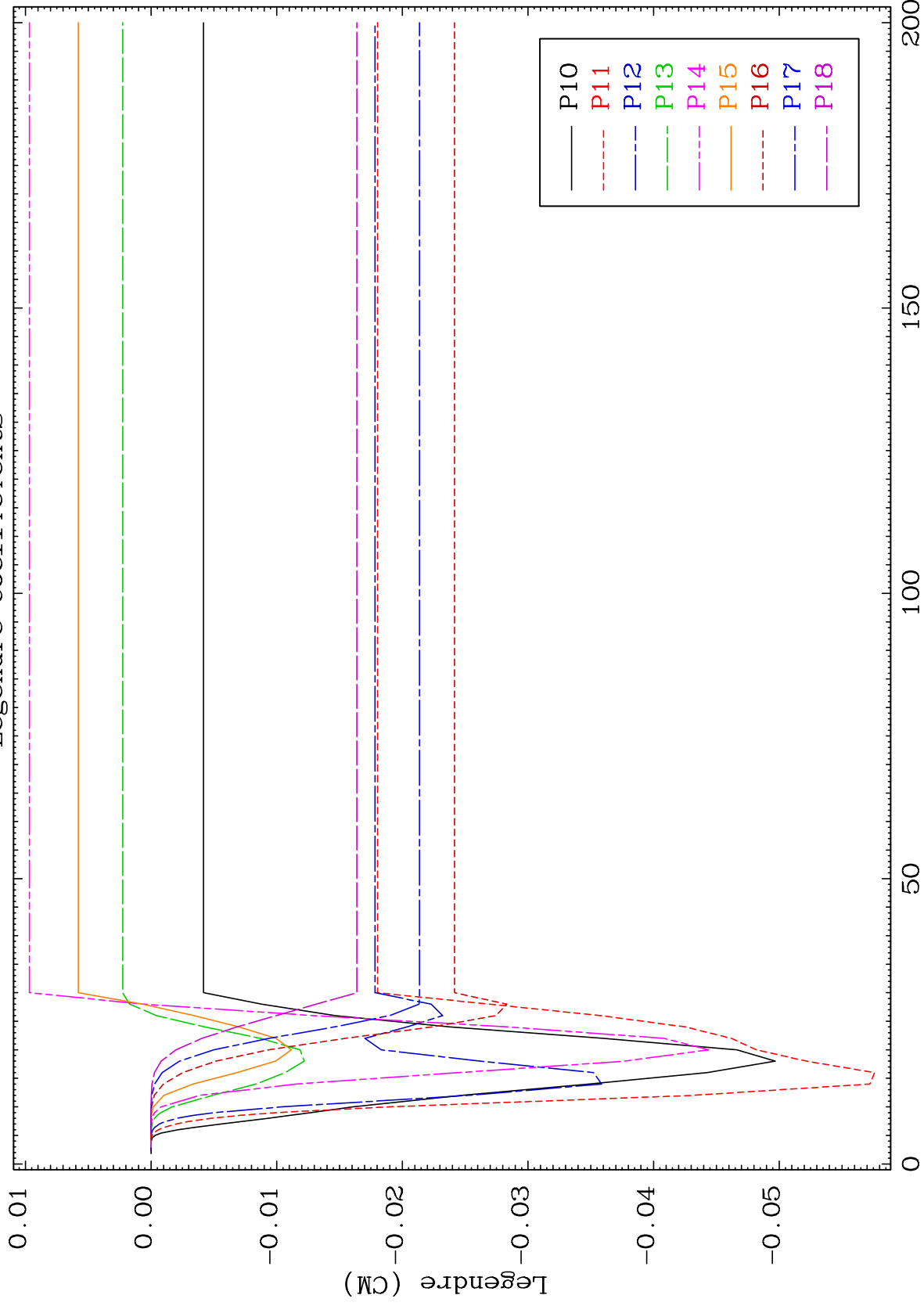
Incident Energy (MeV)

111

MAT 4852

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

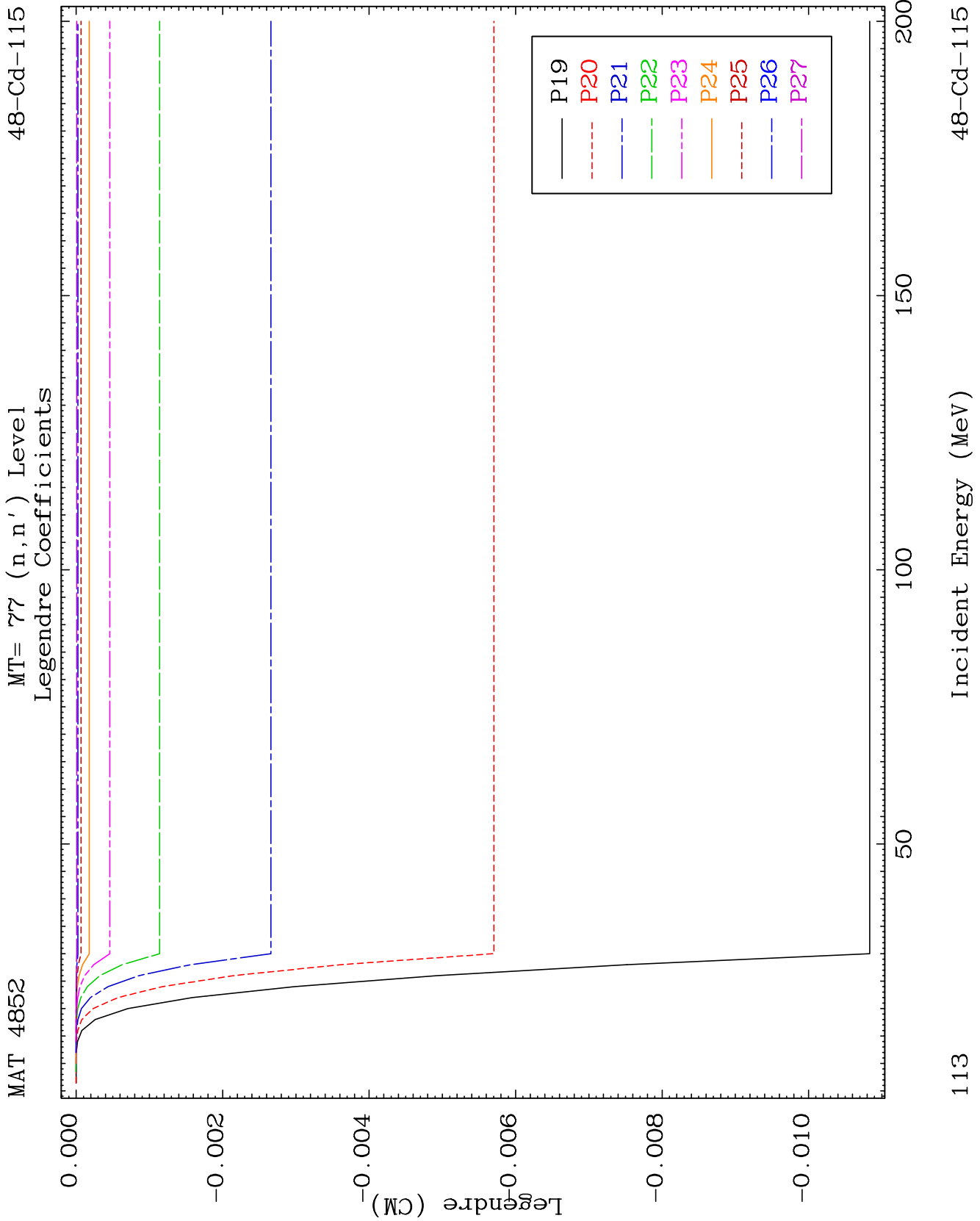
48-Cd-115

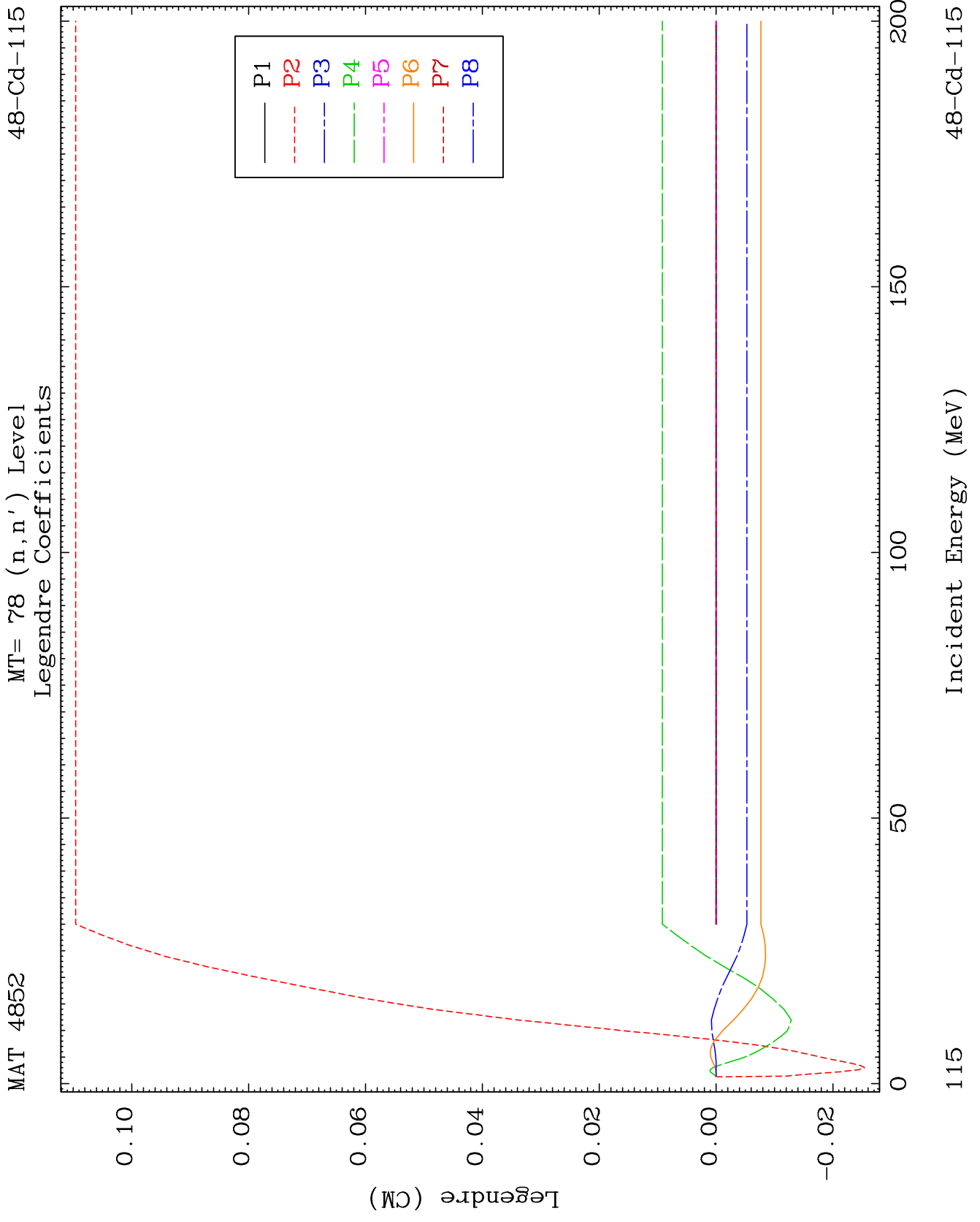


112

Incident Energy (MeV)

48-Cd-115

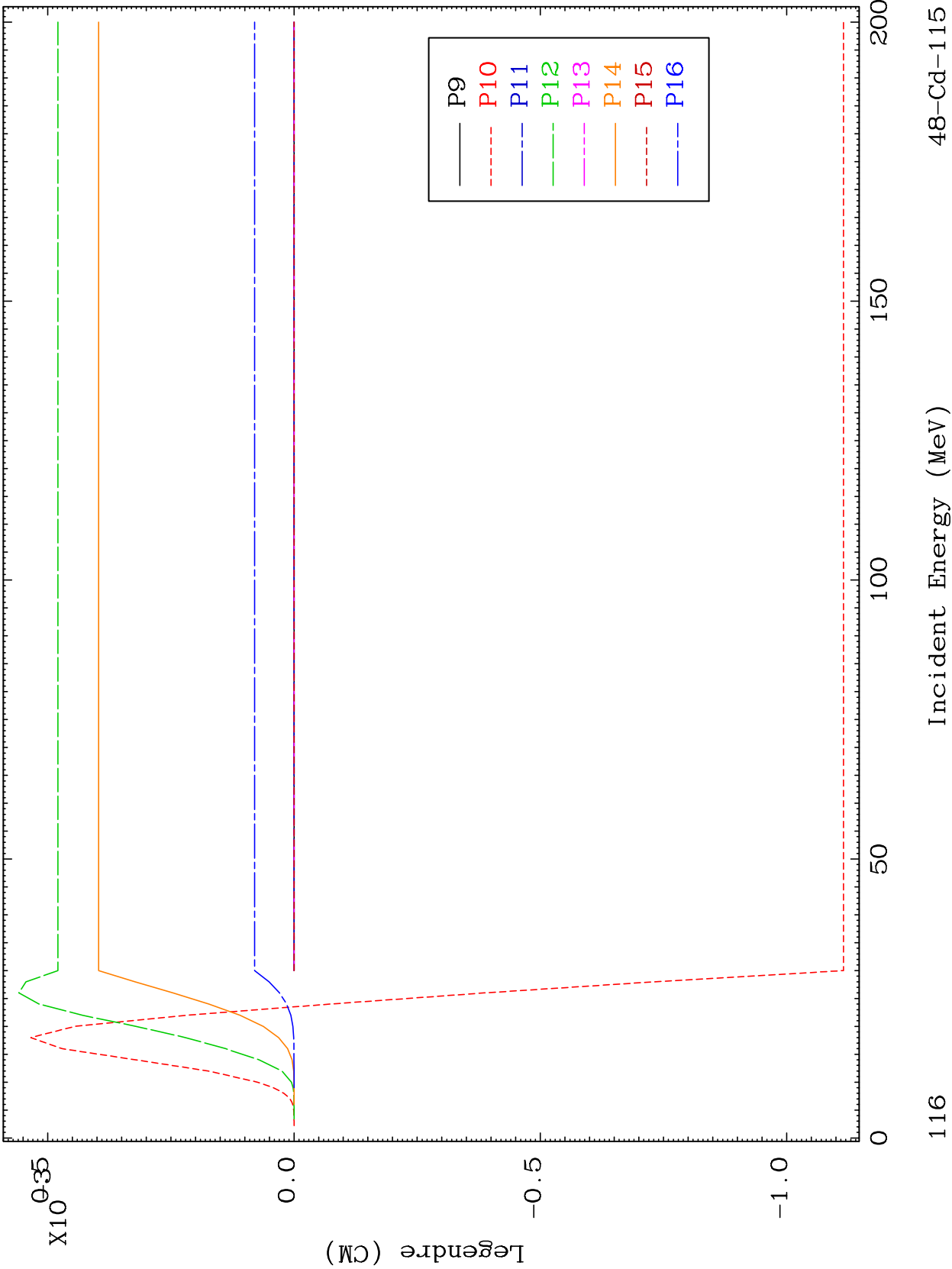




MAT 4852

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

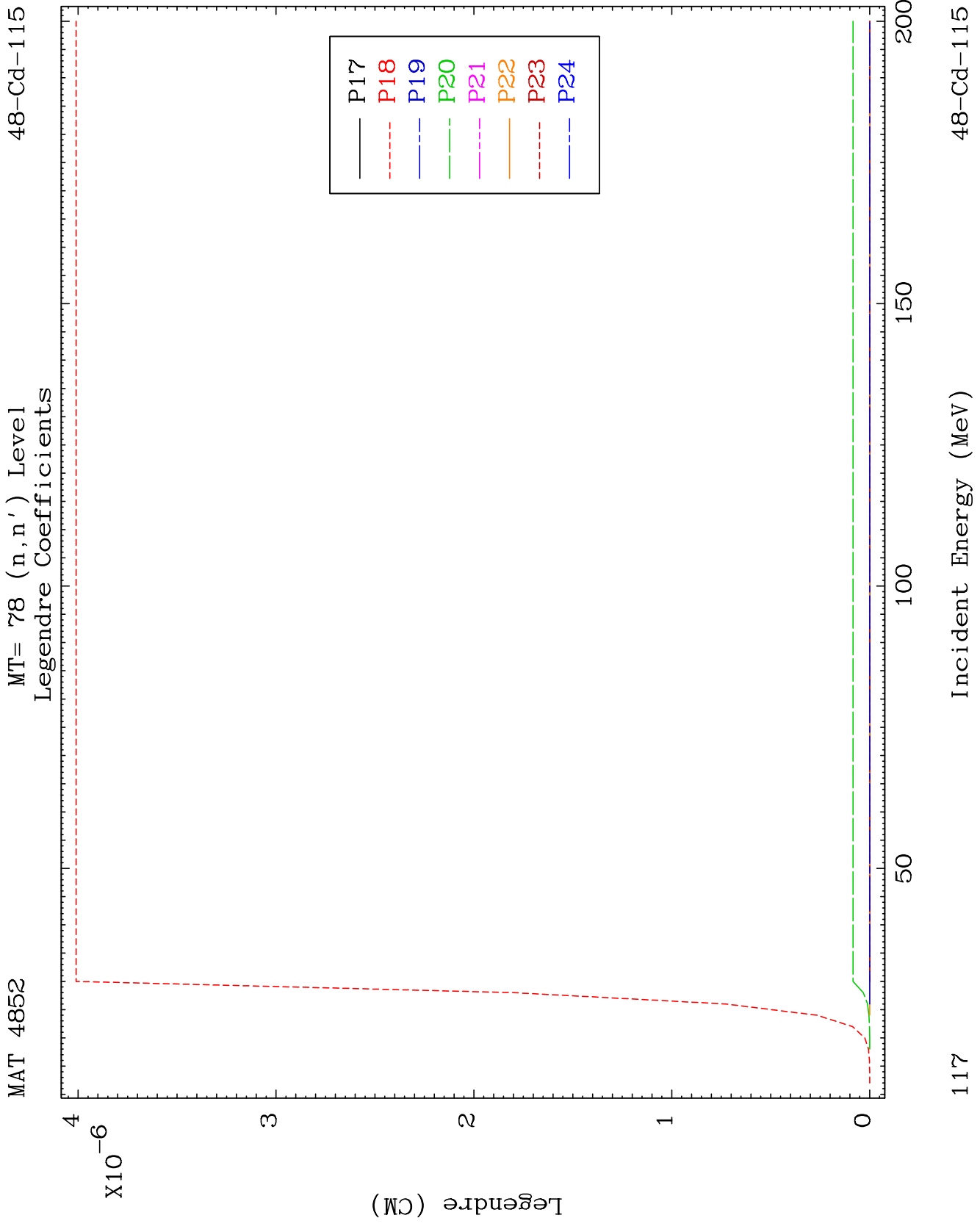
48-Cd-115



48-Cd-115

Incident Energy (MeV)

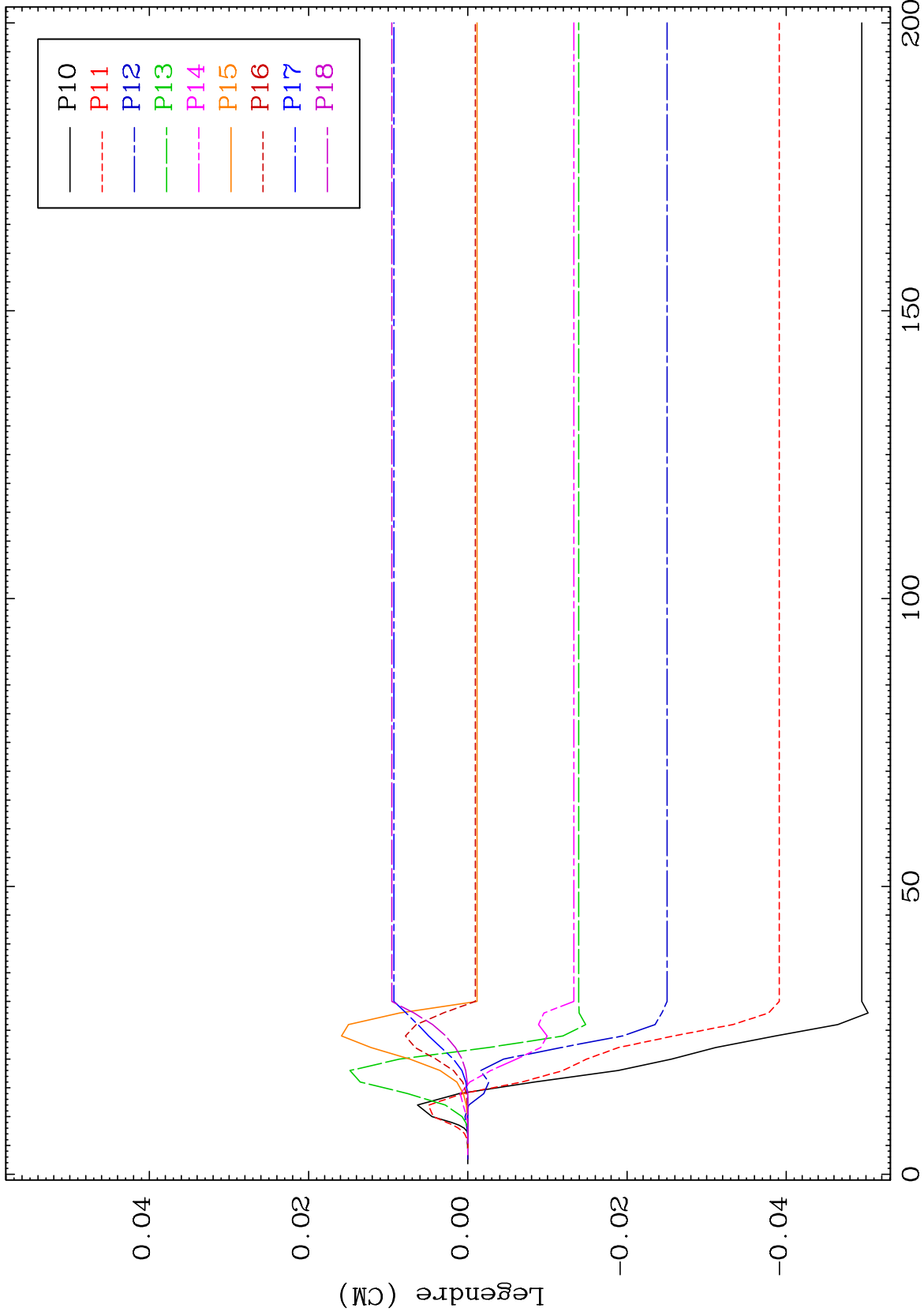
116



MAT 4852

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

48-Cd-115



119

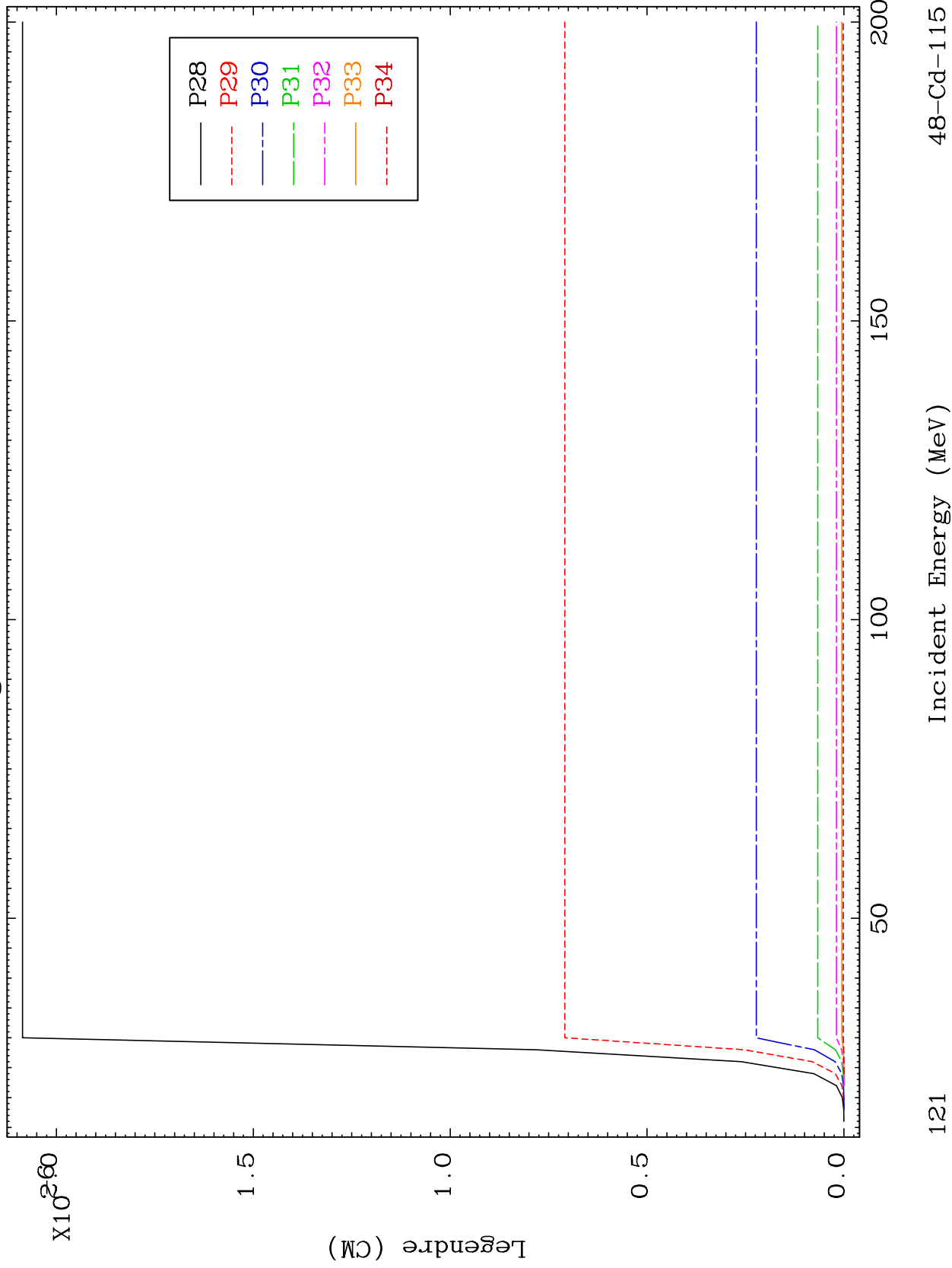
Incident Energy (MeV)

48-Cd-115

MAT 4852

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

48-Cd-115



121

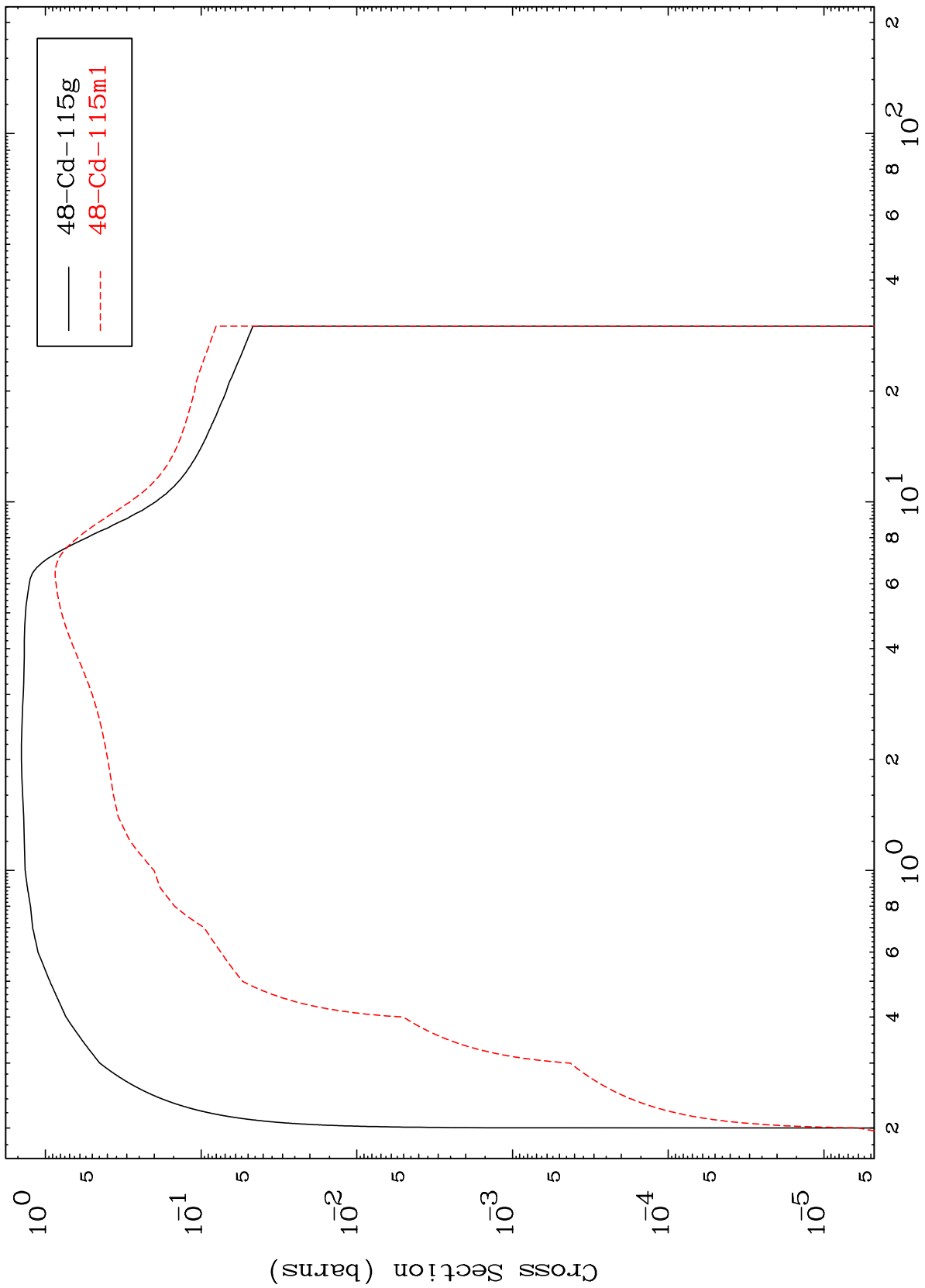
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

Inelastic
Radionuclide Production Cross Section



122

Incident Energy (MeV)

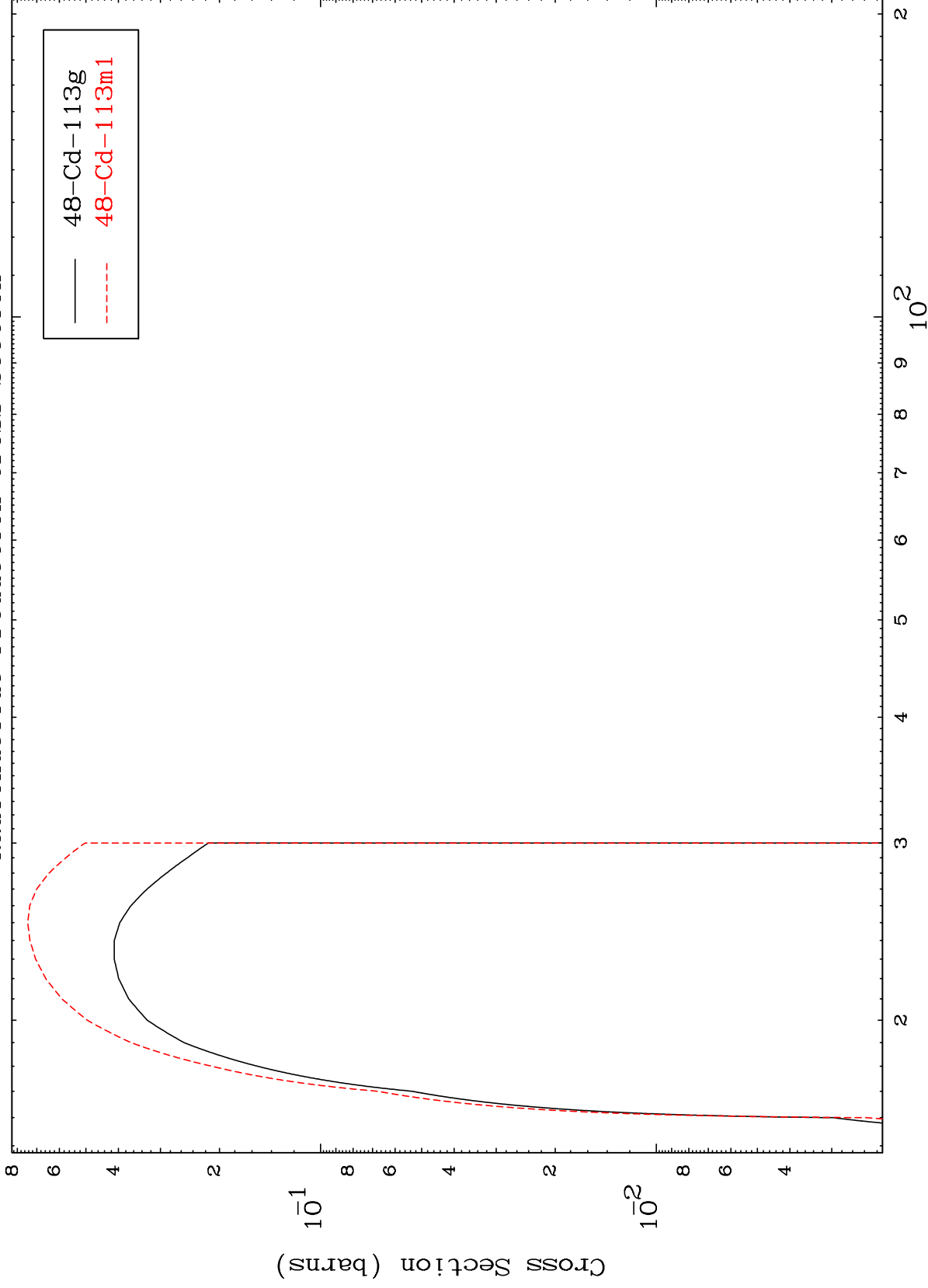
48-Cd-115

MAT 4852

(n,3n)

48-Cd-115

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

123

Incident Energy (MeV)

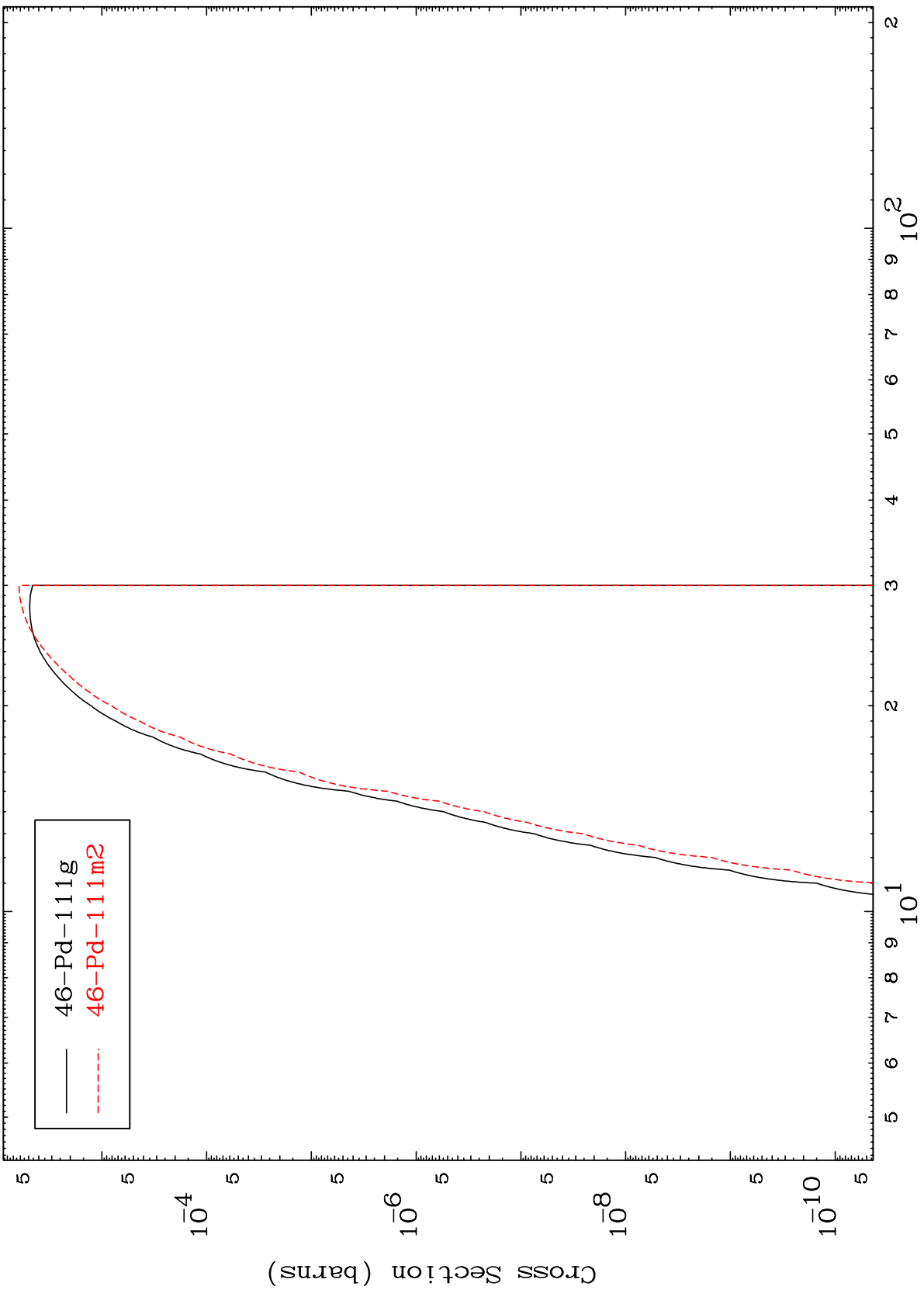
48-Cd-115

MAT 4852

(n,n') α

48-Cd-115

Radionuclide Production Cross Section



124

Incident Energy (MeV)

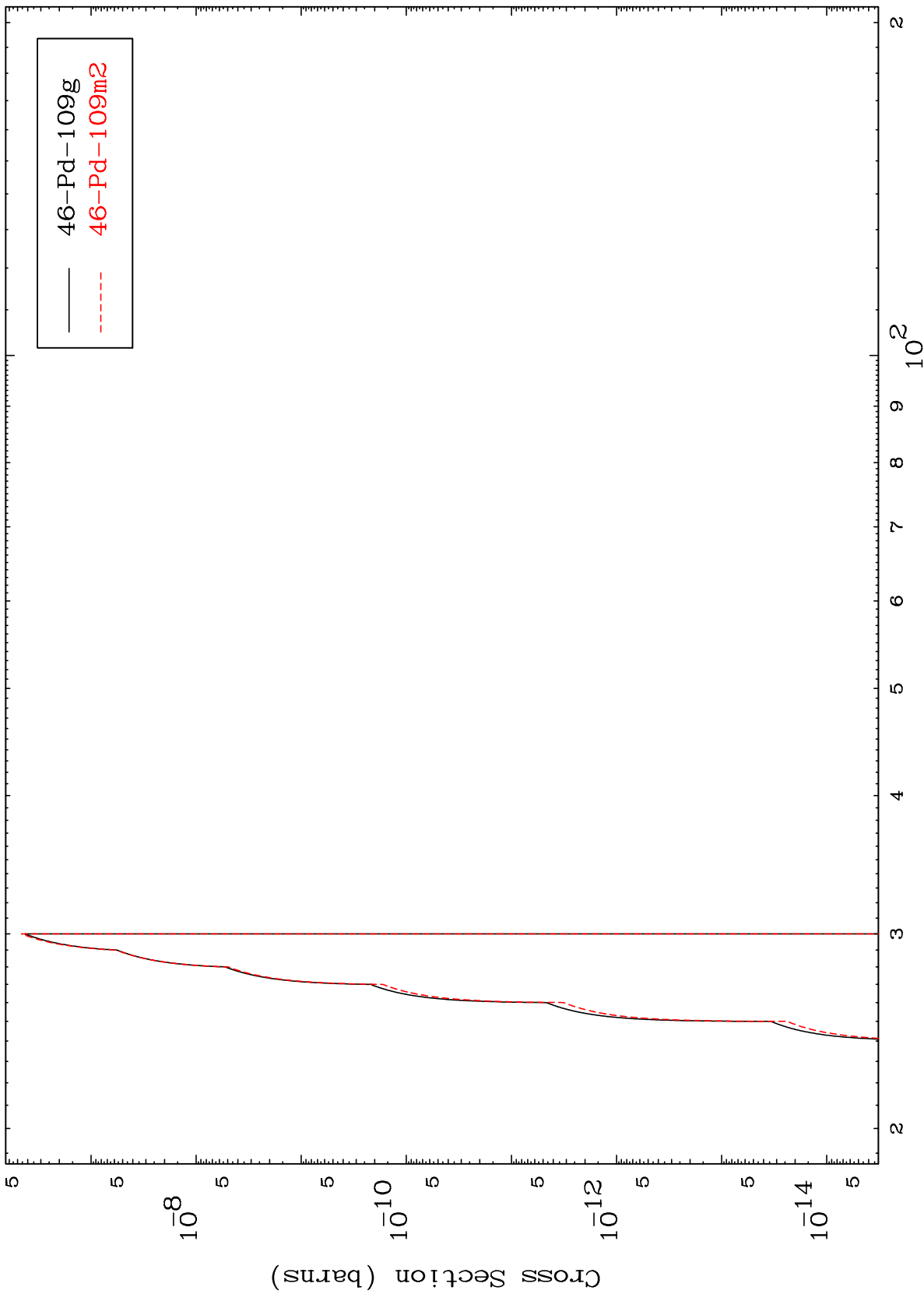
48-Cd-115

MAT 4852

(n,3n) α

48-Cd-115

Radionuclide Production Cross Section



125

Incident Energy (MeV)

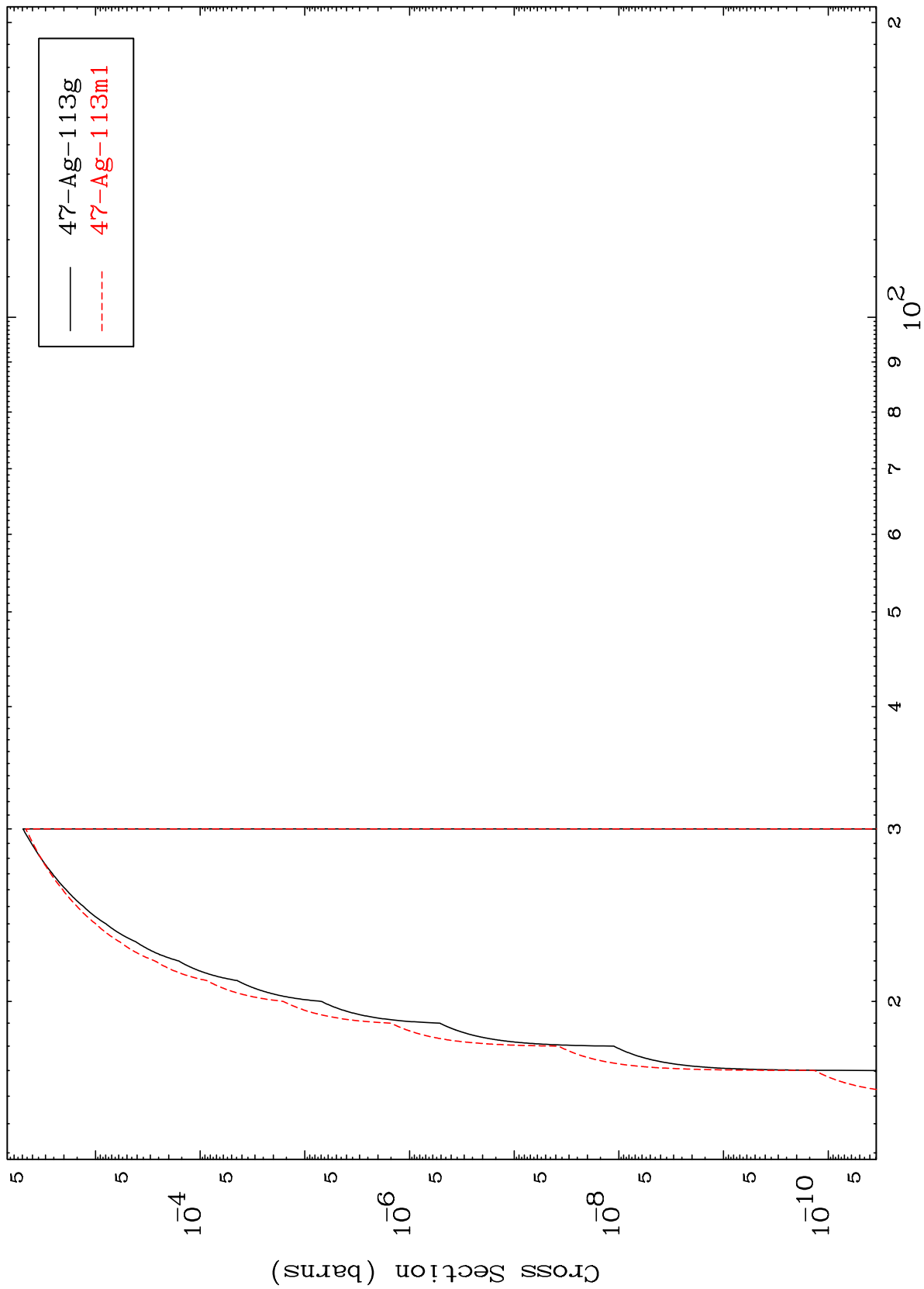
48-Cd-115

MAT 4852

(n,n') d

48-Cd-115

Radionuclide Production Cross Section



126

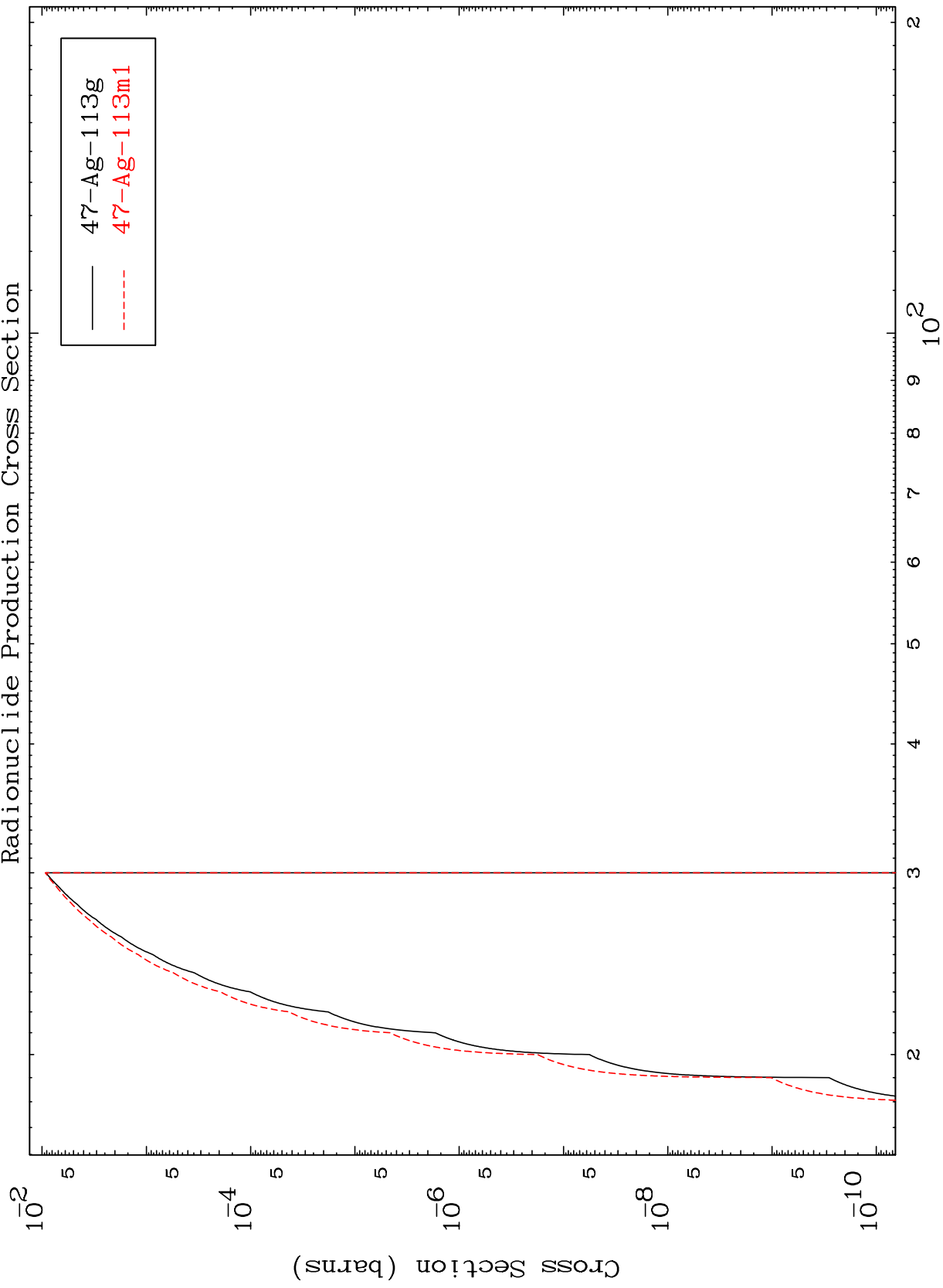
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n,2n) p
Radionuclide Production Cross Section



127

Incident Energy (MeV)

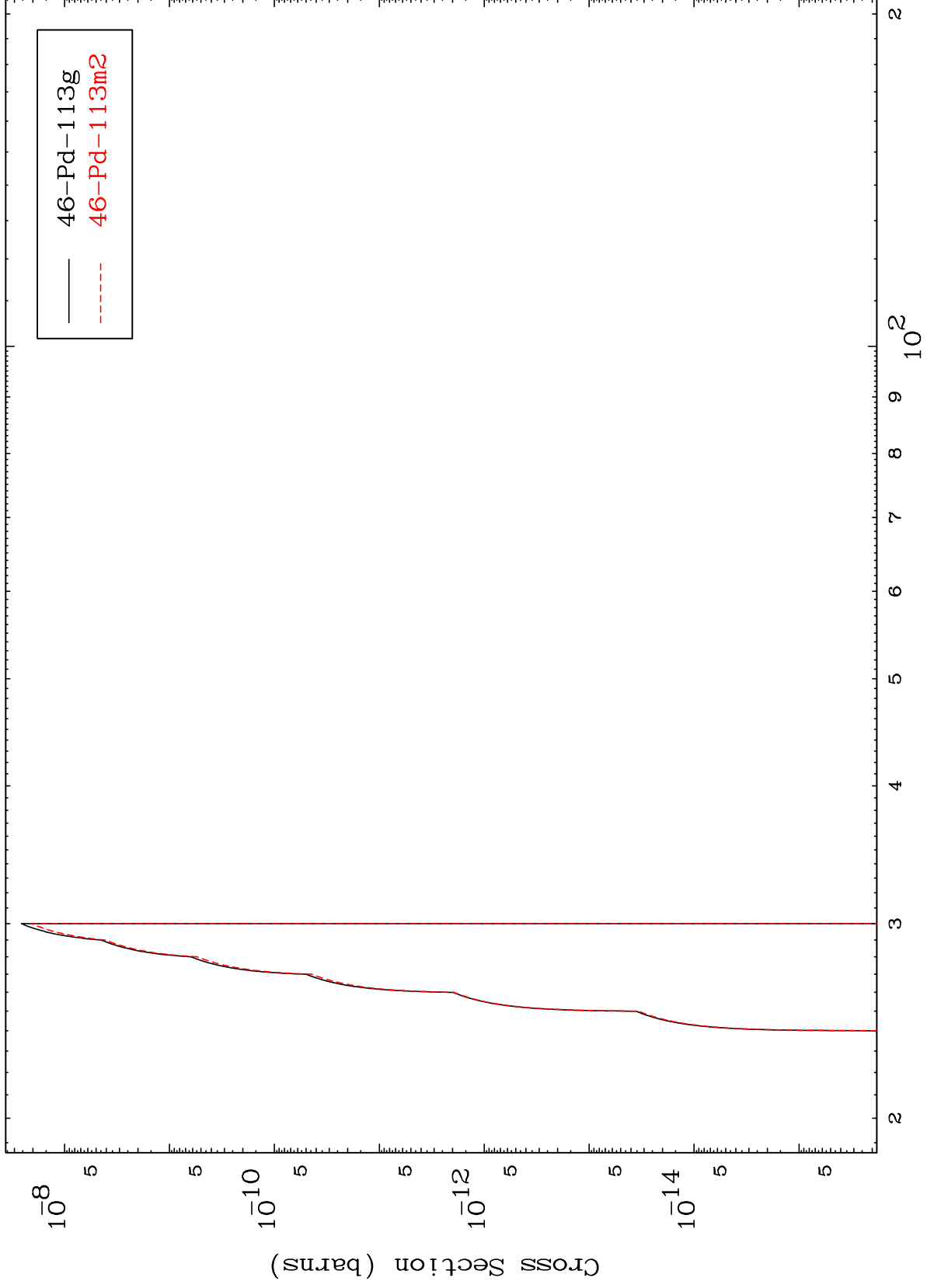
48-Cd-115

MAT 4852

(n,2n) p

48-Cd-115

Radionuclide Production Cross Section



128

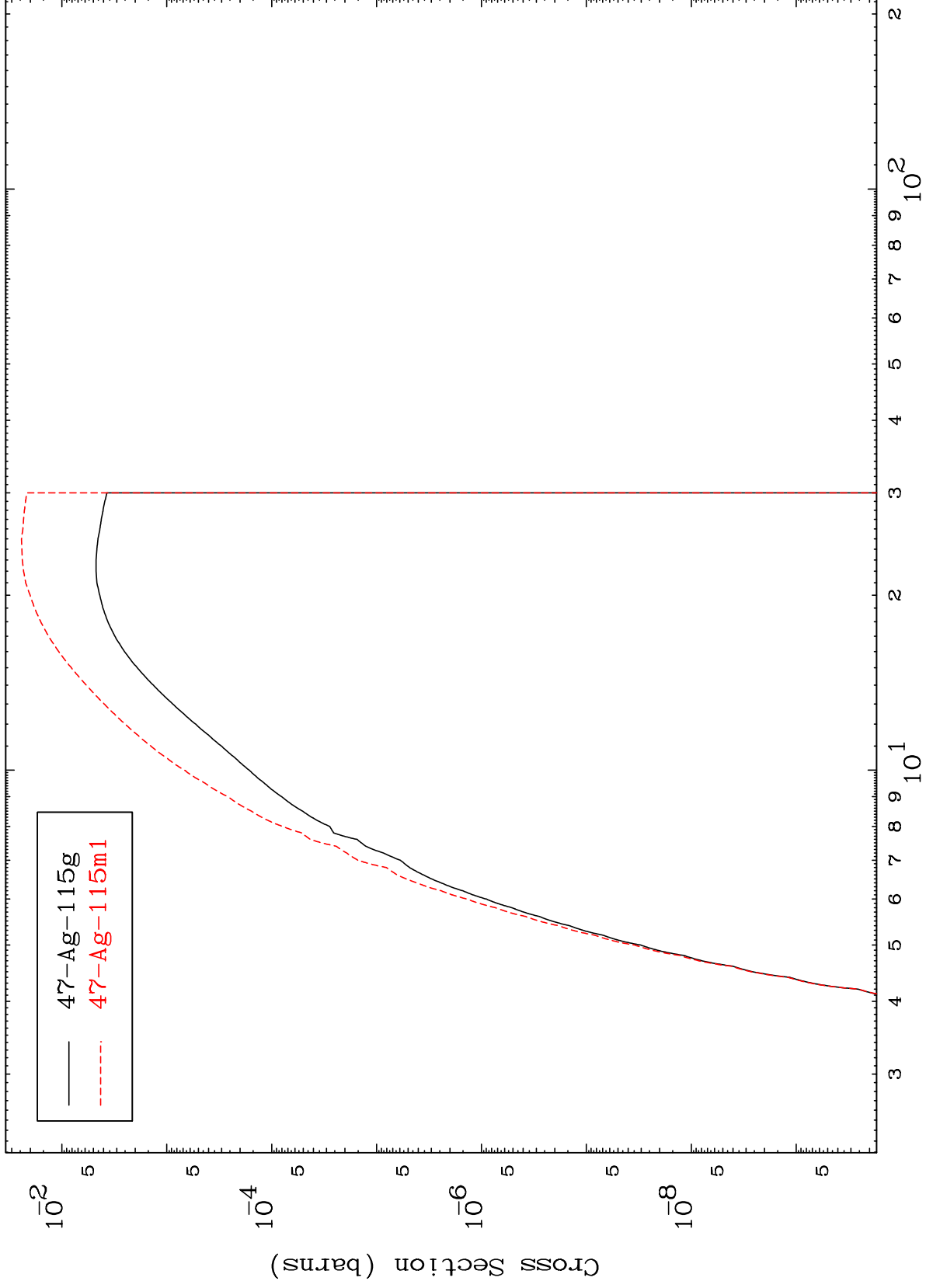
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n,p)
Radionuclide Production Cross Section



129

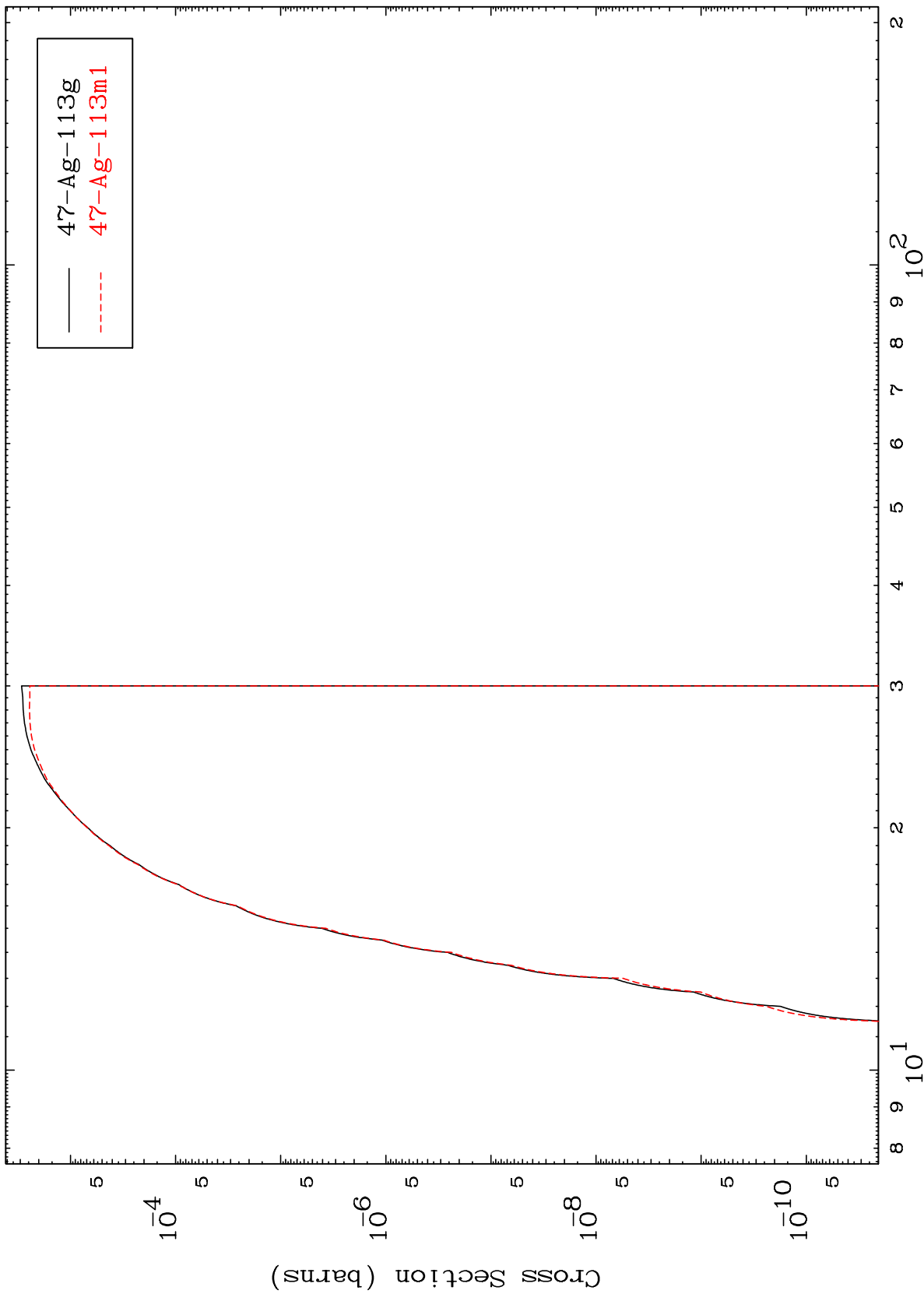
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(n,t)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

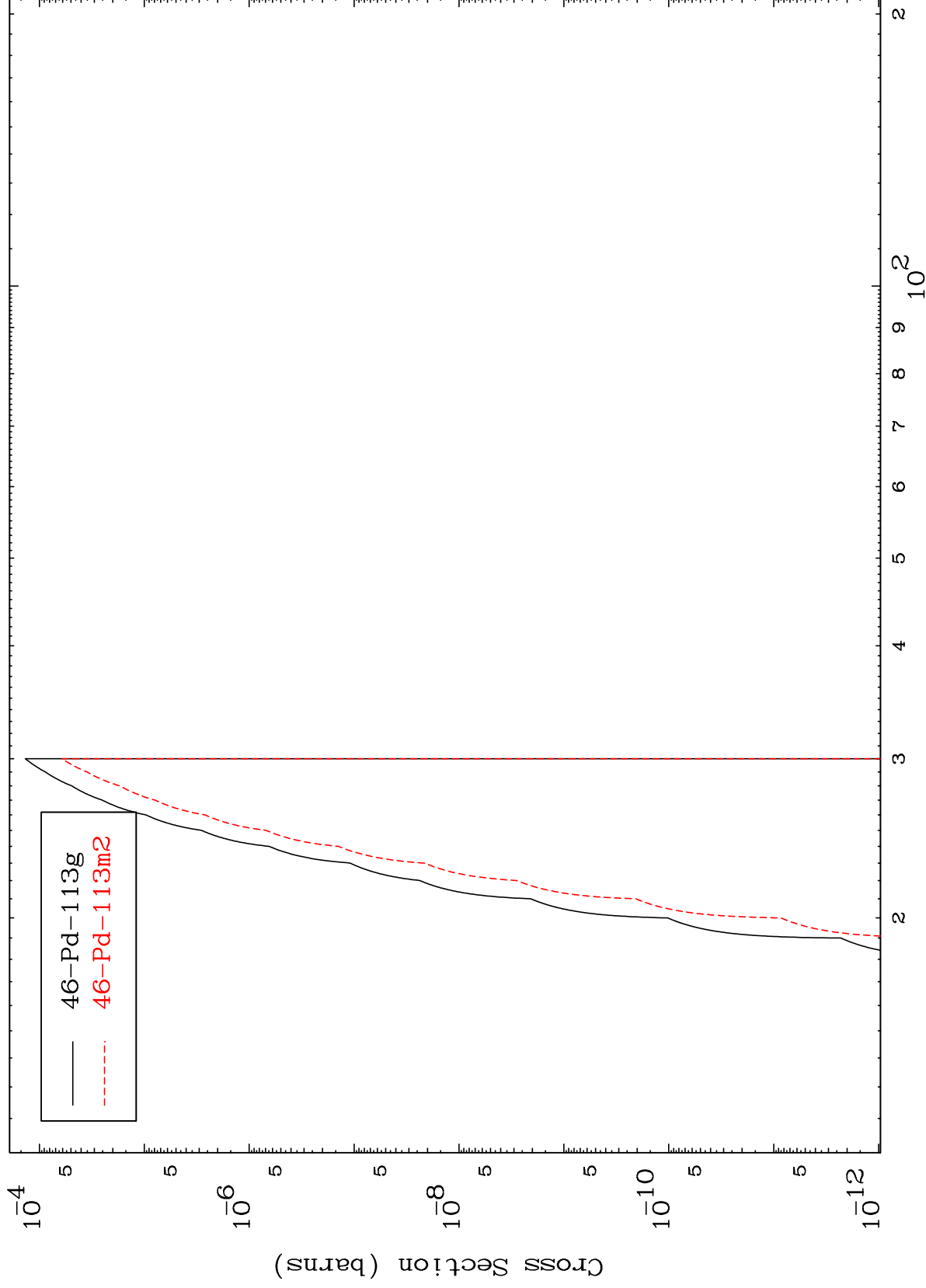
48-Cd-115

MAT 4852

(n,He-3)

48-Cd-115

Radionuclide Production Cross Section



131

Incident Energy (MeV)

48-Cd-115

Radionuclide Production Cross Section

