

Program EVALPLOT
(Version 2018-1)

by

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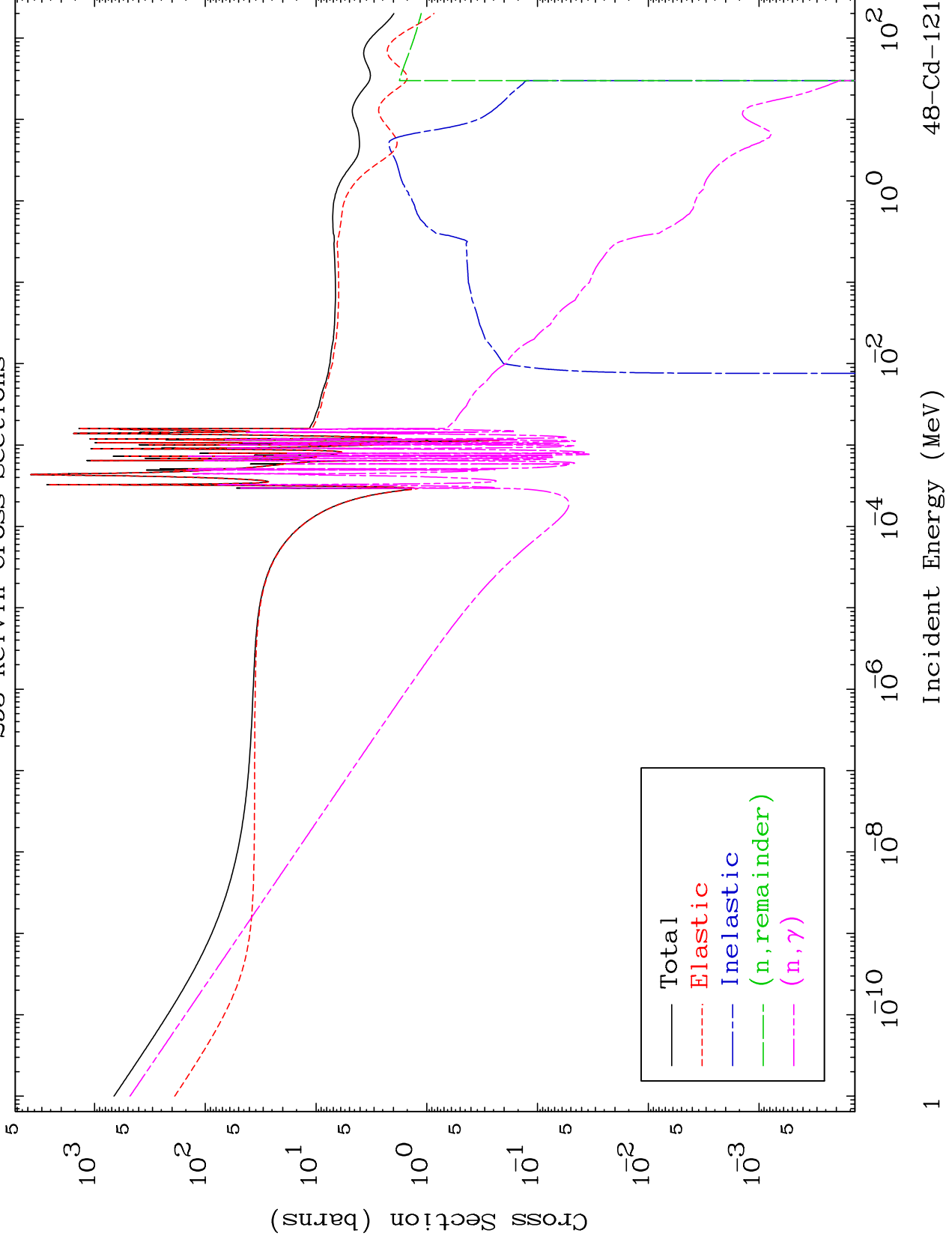
Press Mouse Button to Start

MAT 4870

Major

293 Kelvin Cross Sections

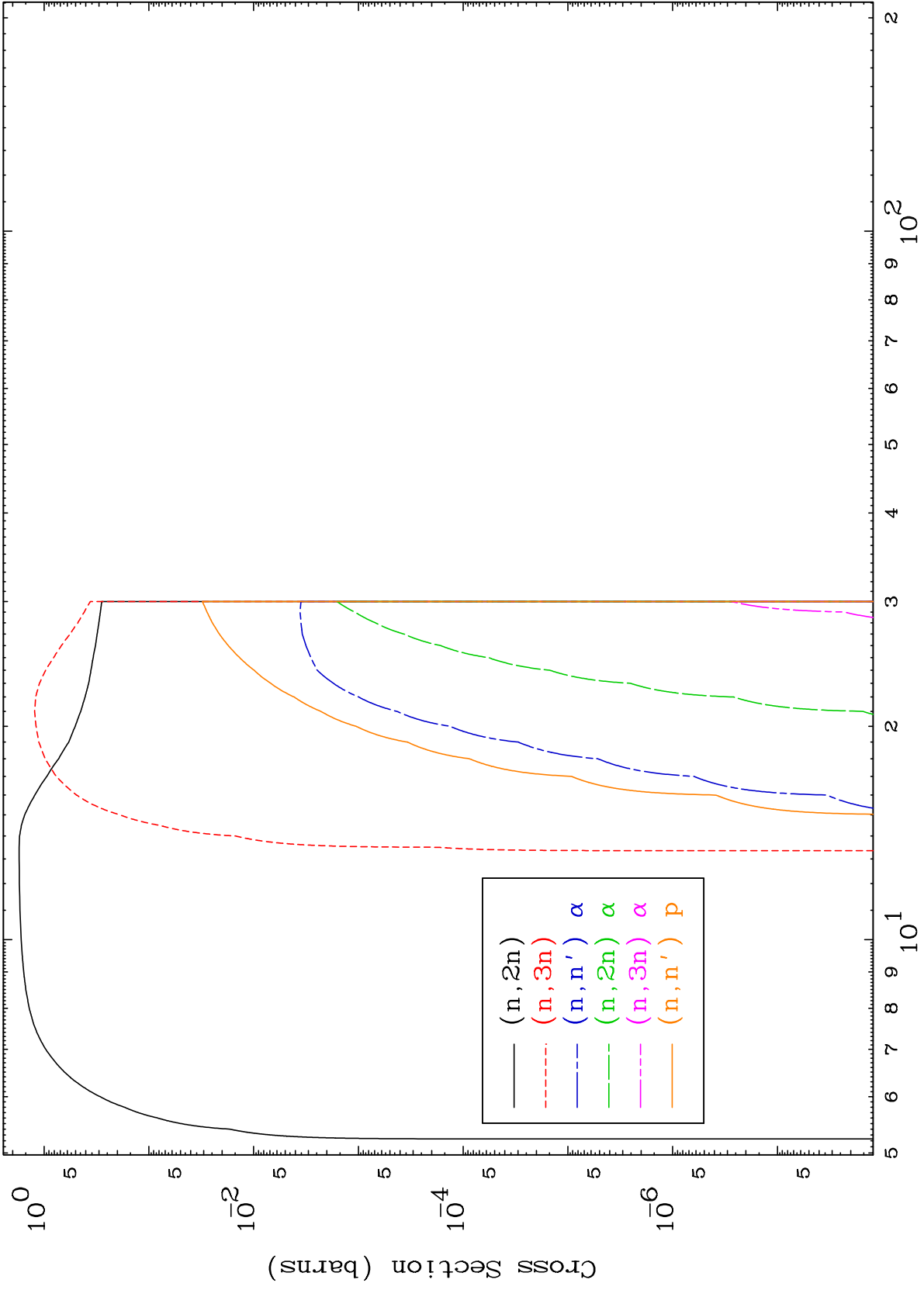
48-Cd-121

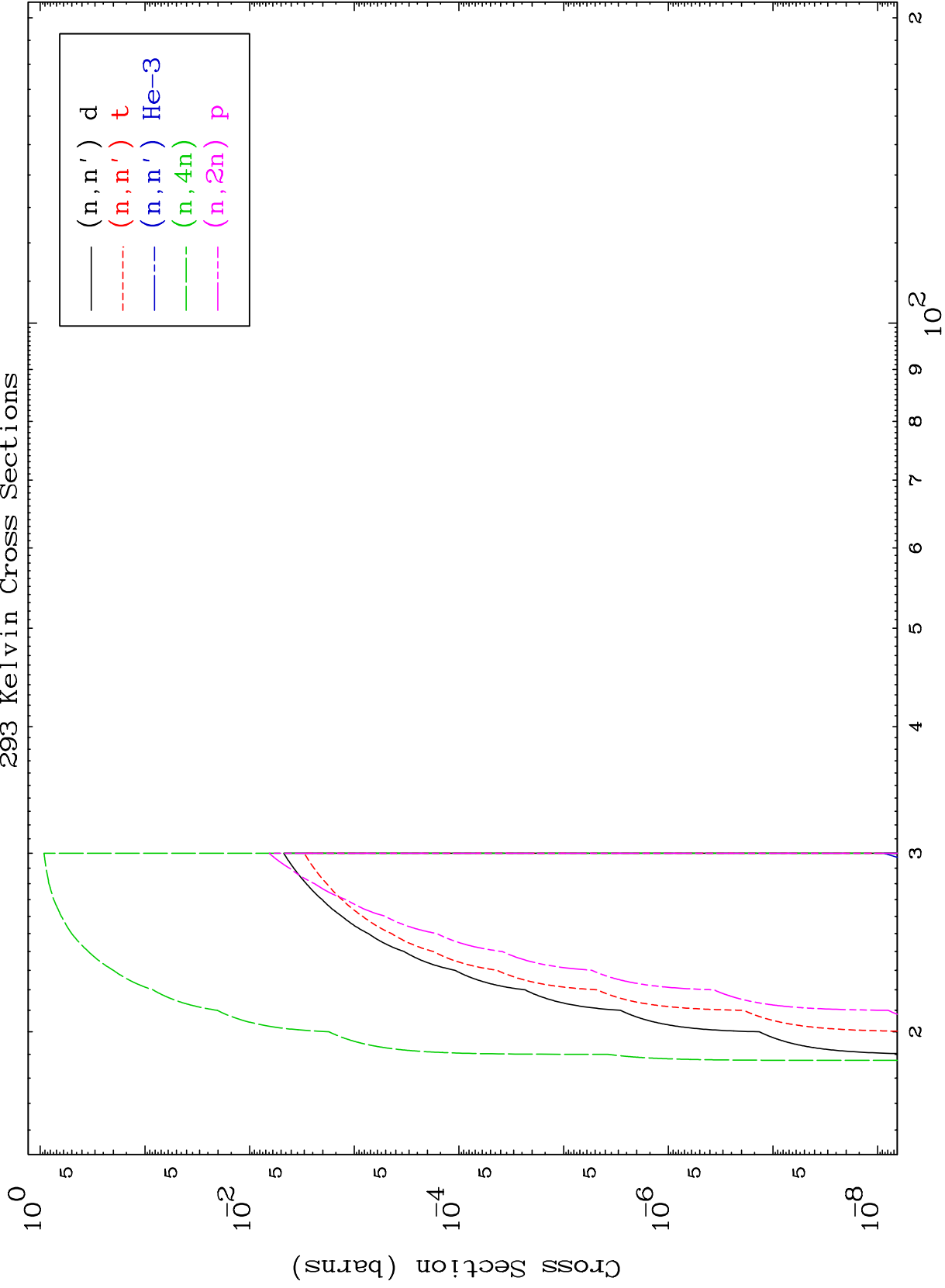


MAT 4870

Neutron Production
293 Kelvin Cross Sections

48-Cd-121

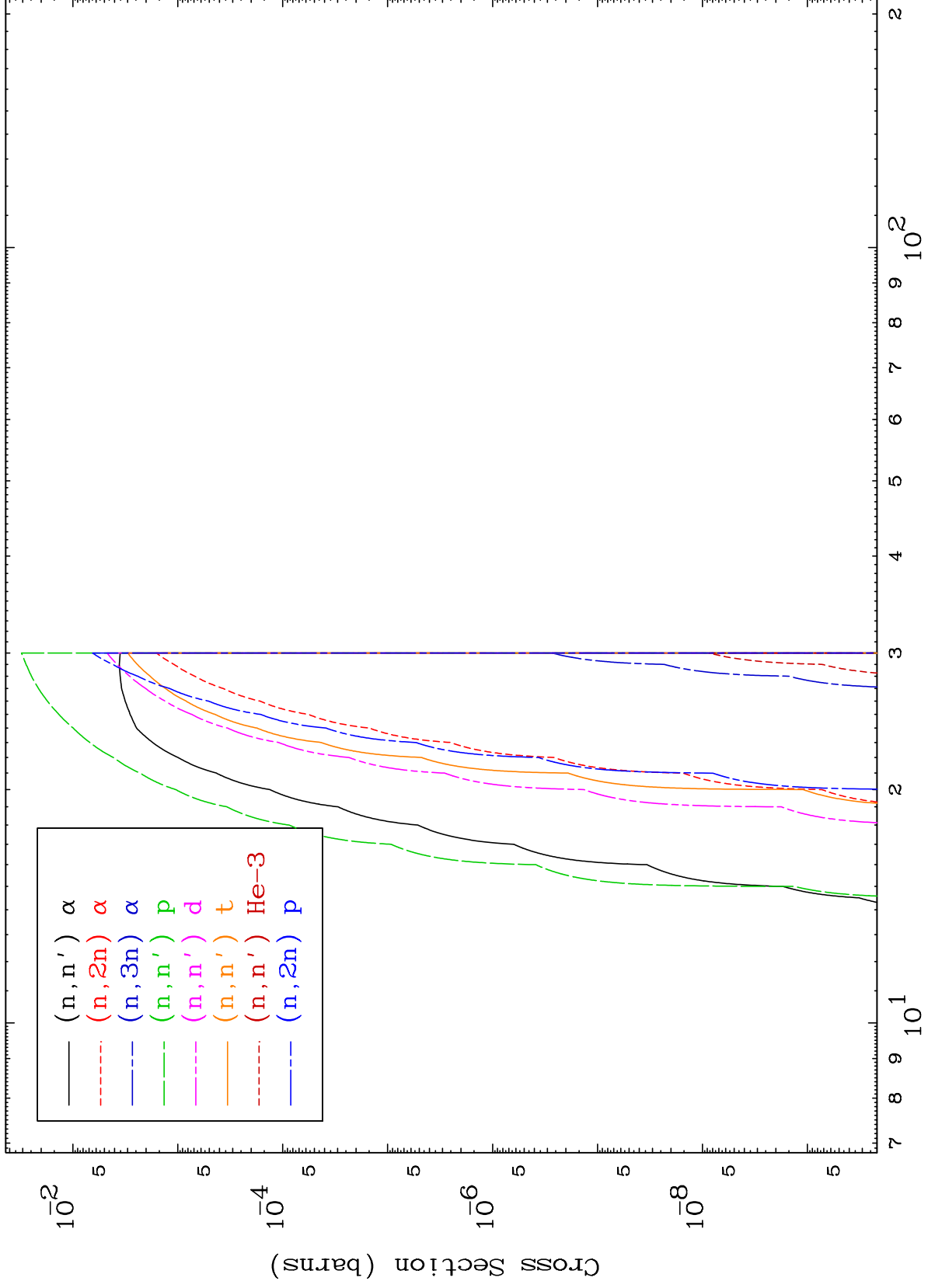




MAT 4870

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



4

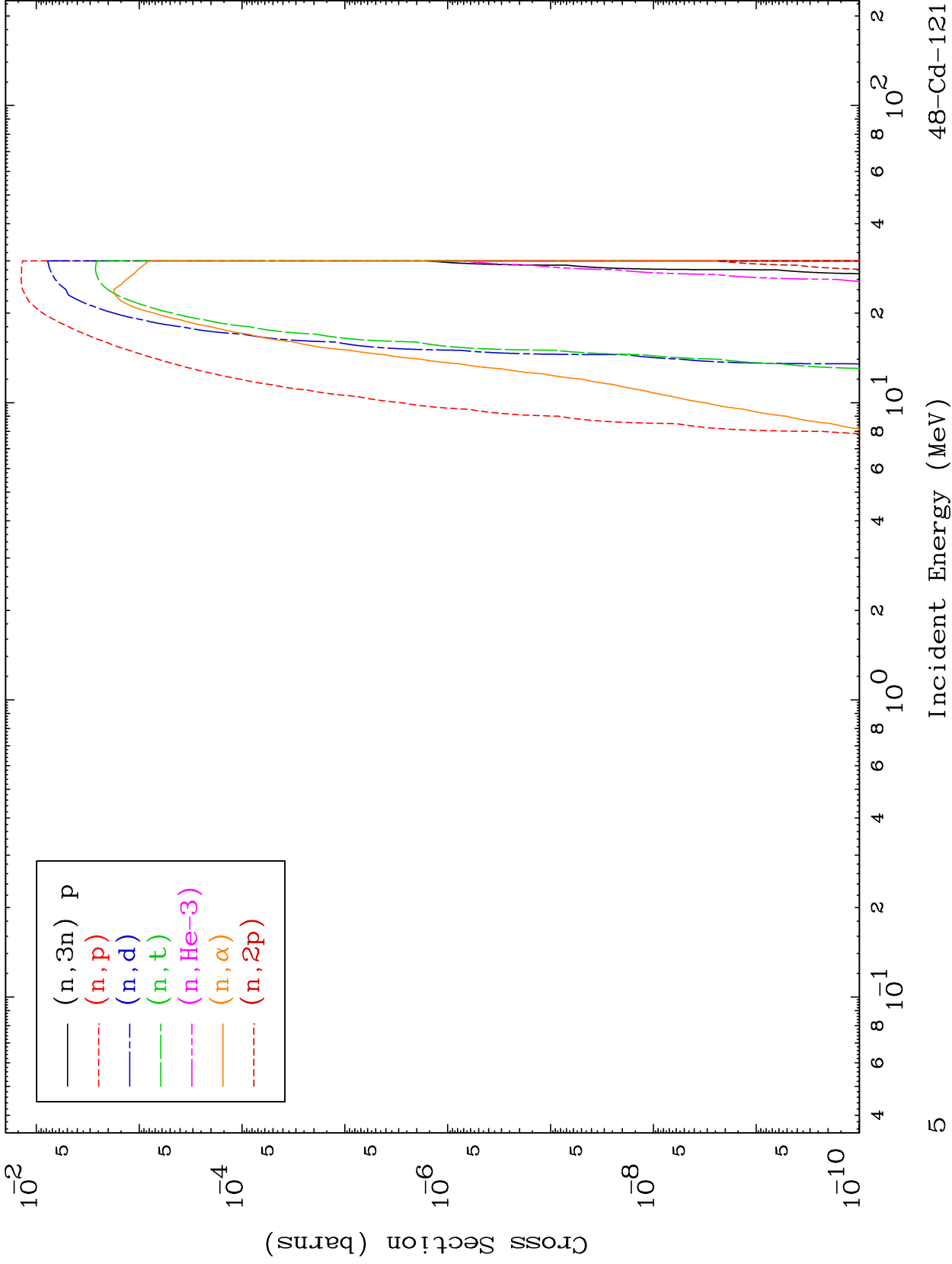
Incident Energy (MeV)

48-Cd-121

MAT 4870

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



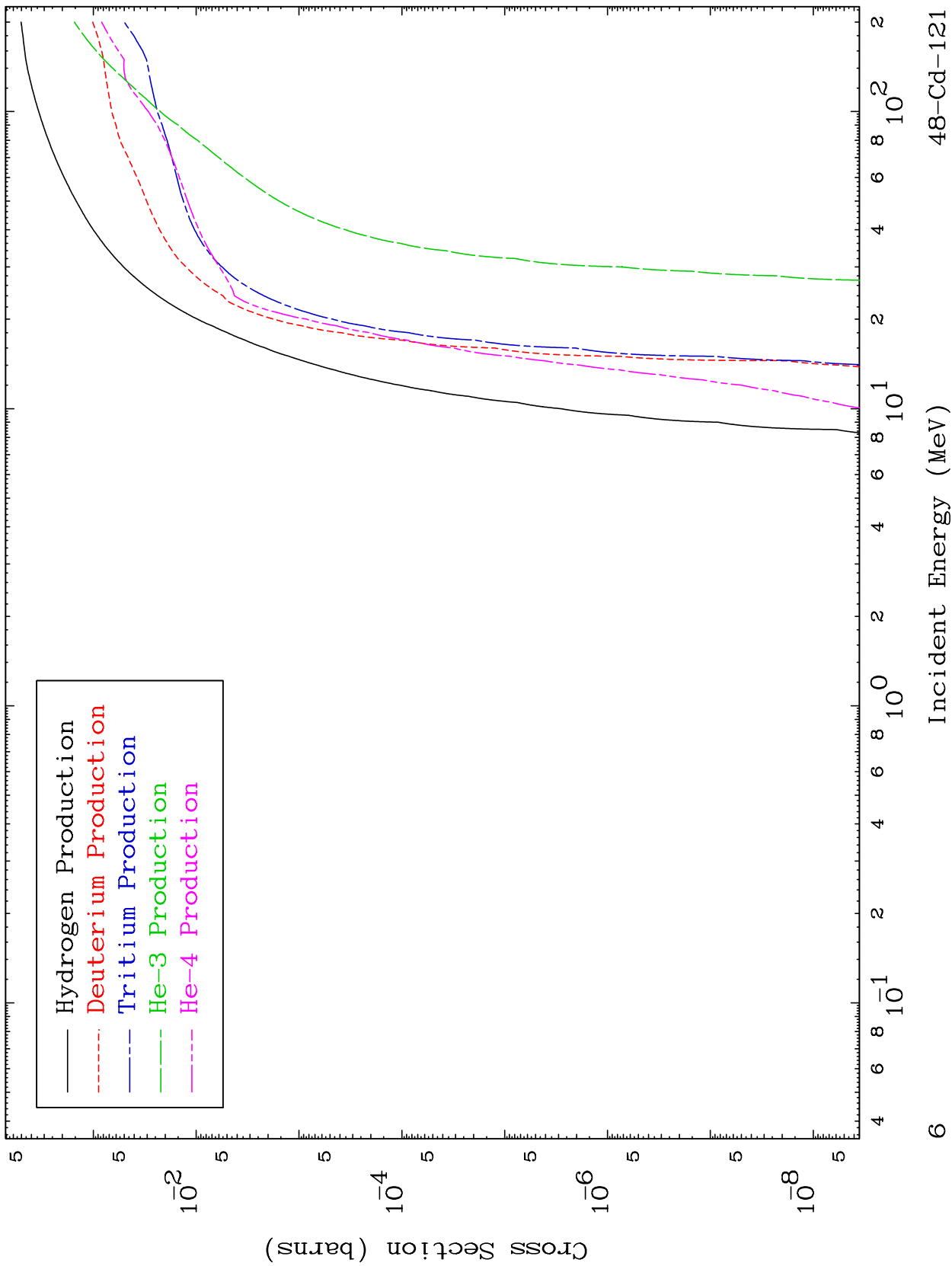
5

48-Cd-121

MAT 4870

Particle Production
293 Kelvin Cross Sections

48-Cd-121



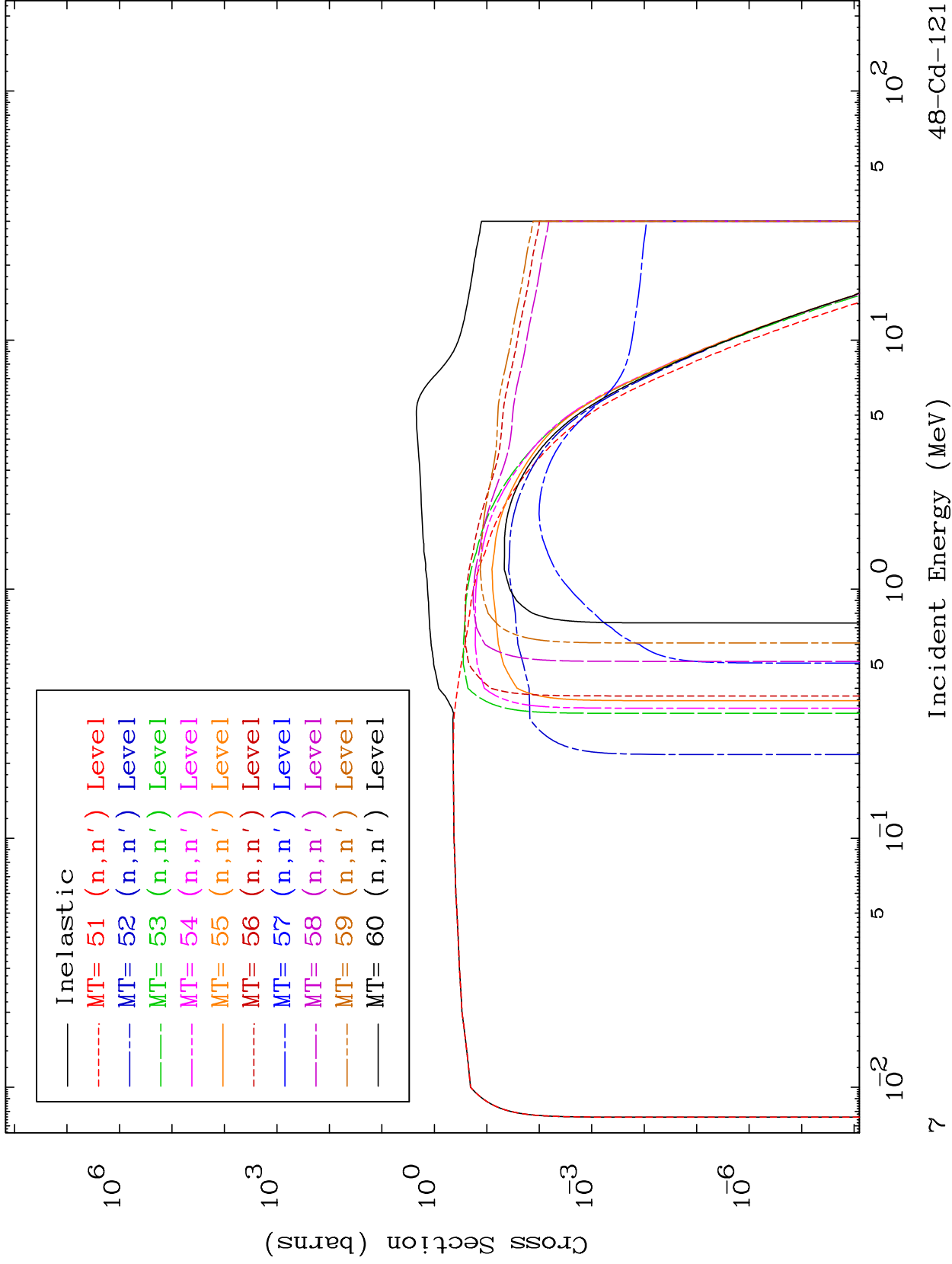
6

48-Cd-121

MAT 4870

(n,n') Level
293 Kelvin Cross Sections

48-Cd-121

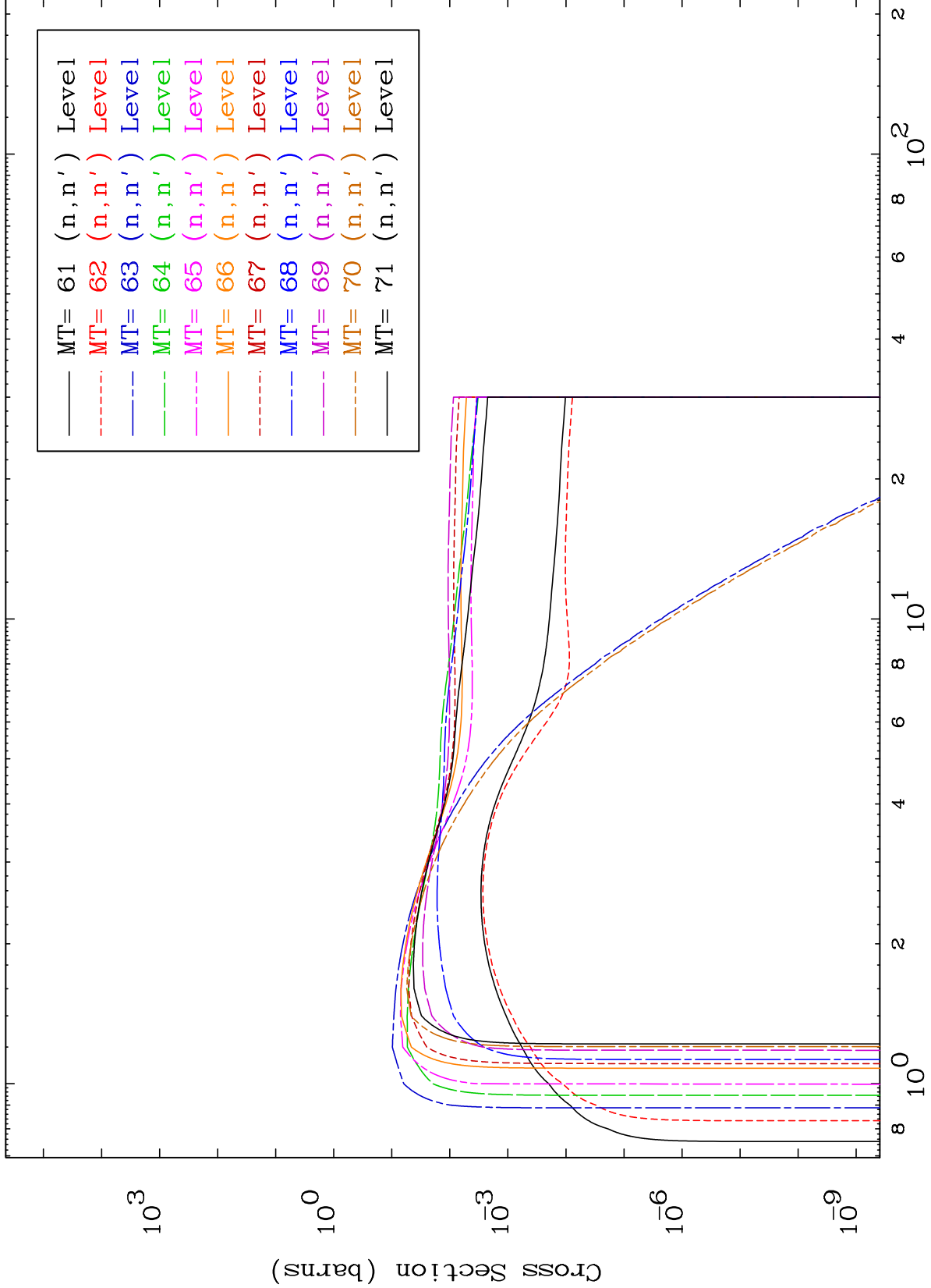


MAT 4870

(n,n') Level

48-Cd-121

293 Kelvin Cross Sections

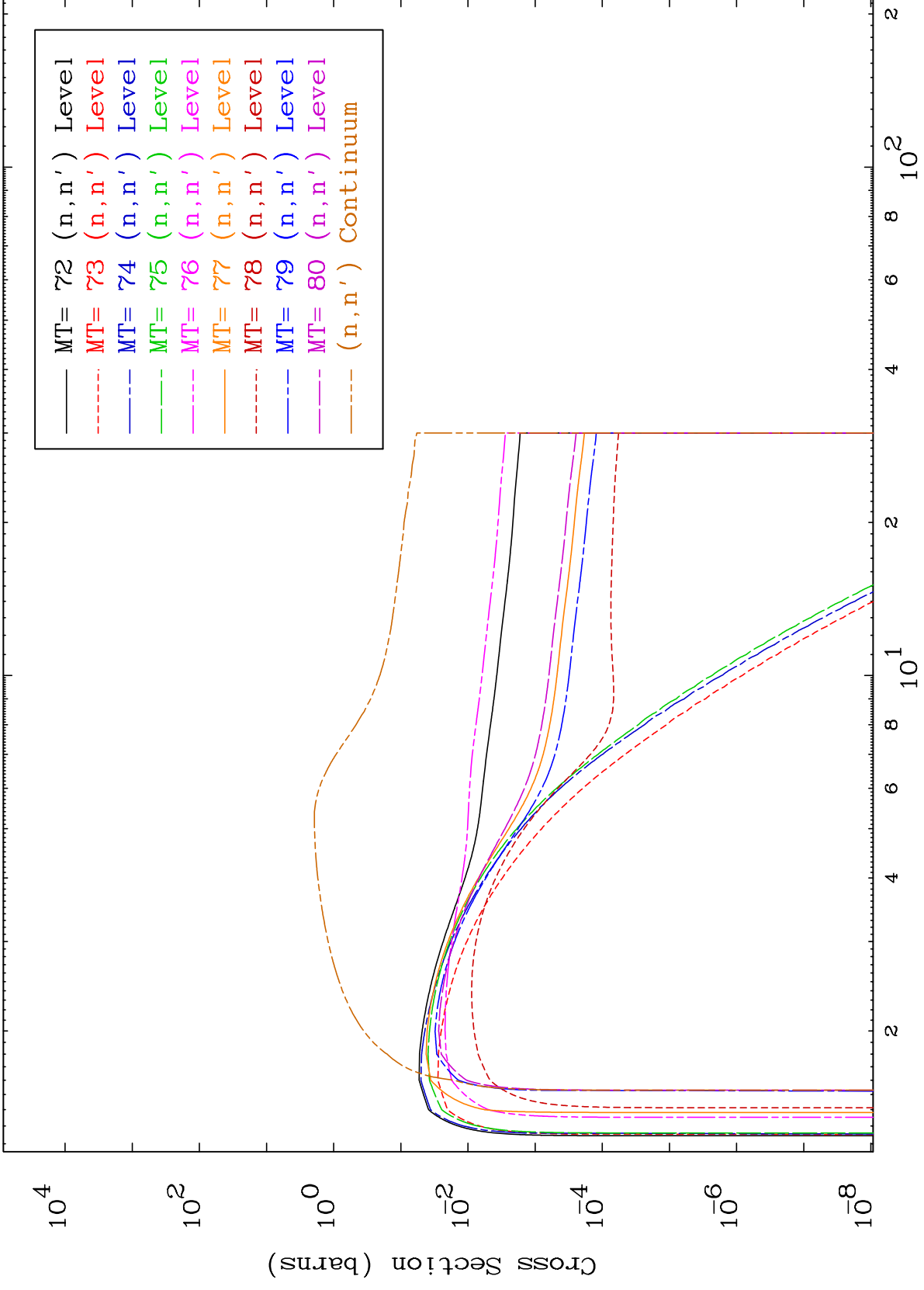


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Incident Energy (MeV)

48-Cd-121

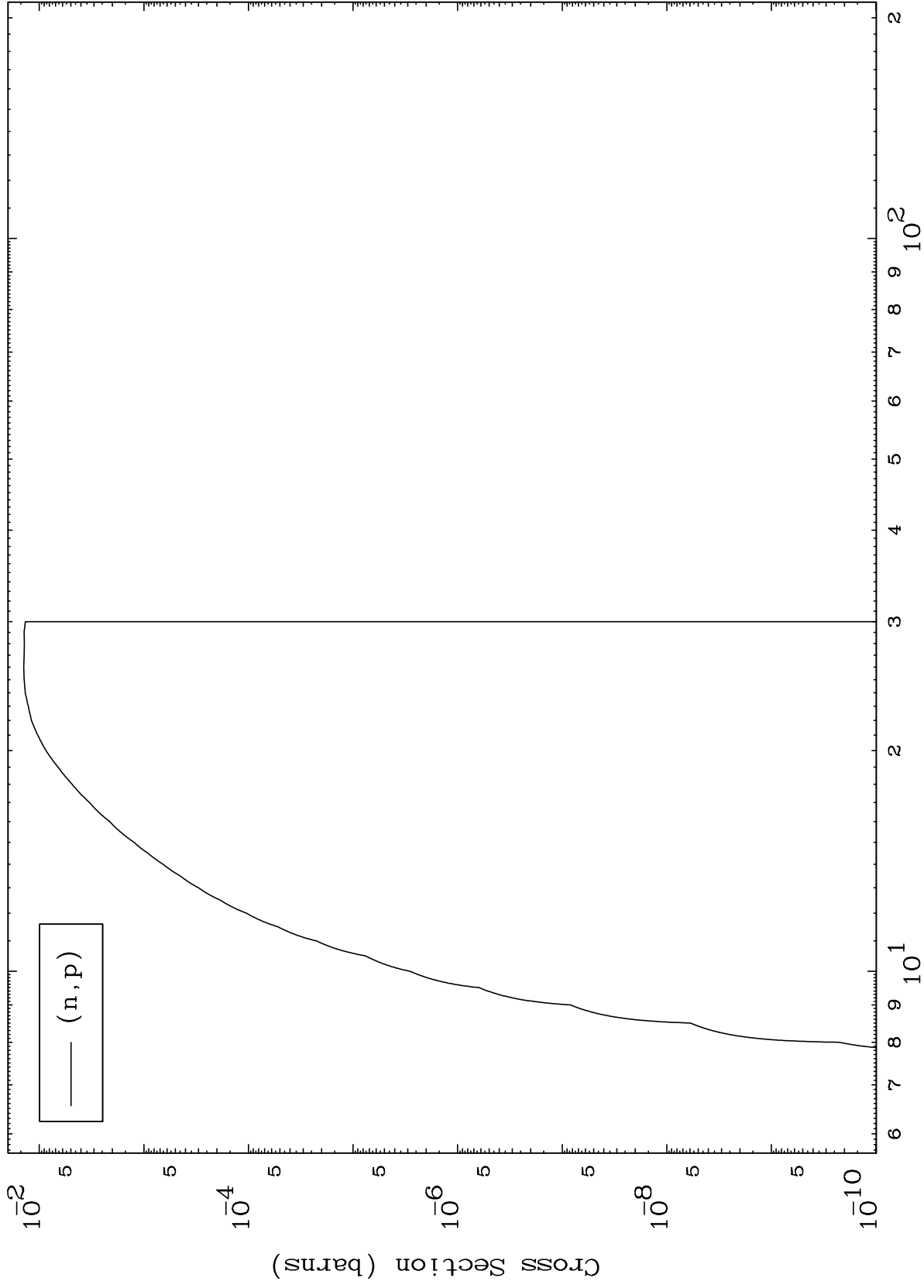
293 Kelvin Cross Sections



MAT 4870

(n,p) Levels
293 Kelvin Cross Sections

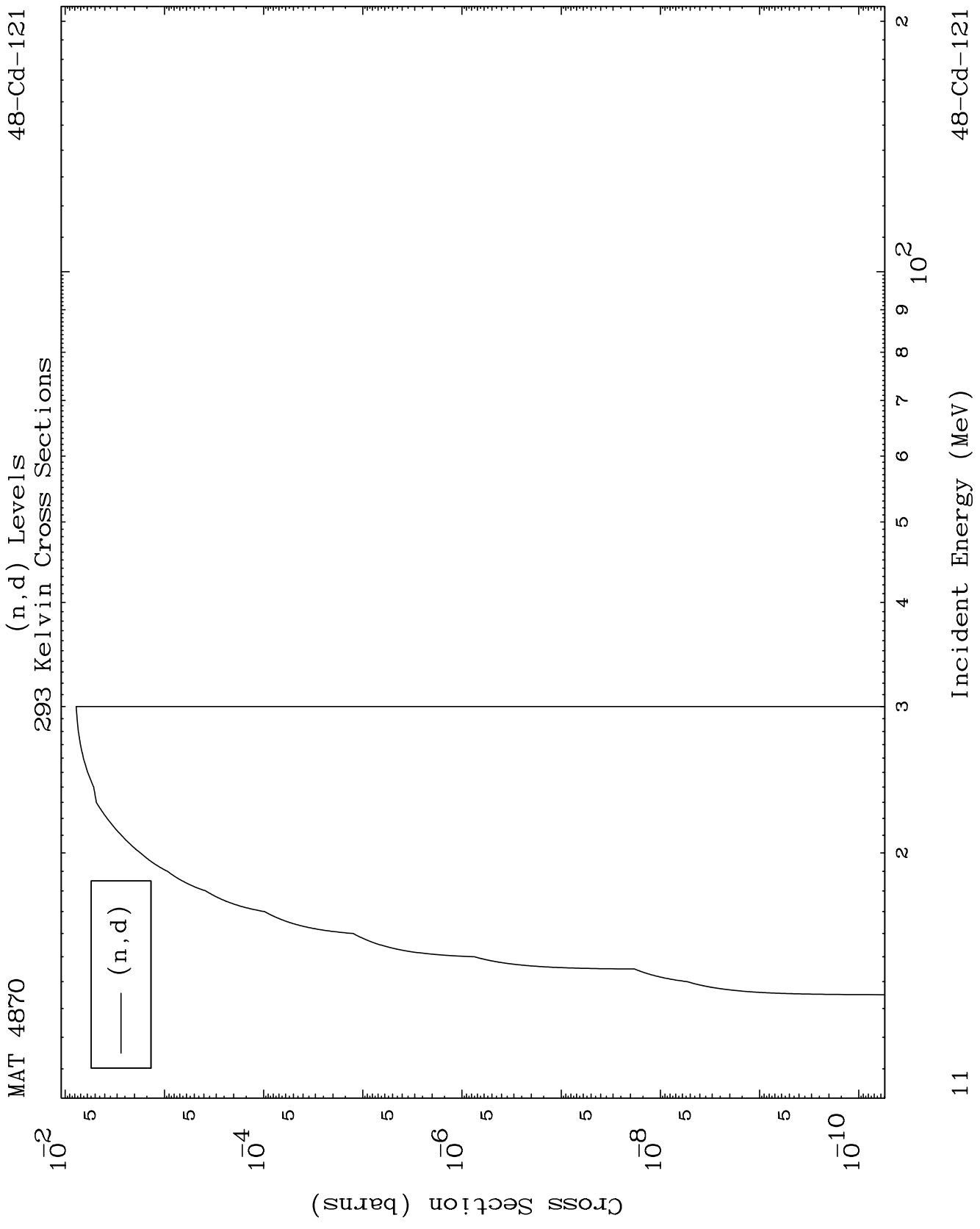
48-Cd-121



10

Incident Energy (MeV)

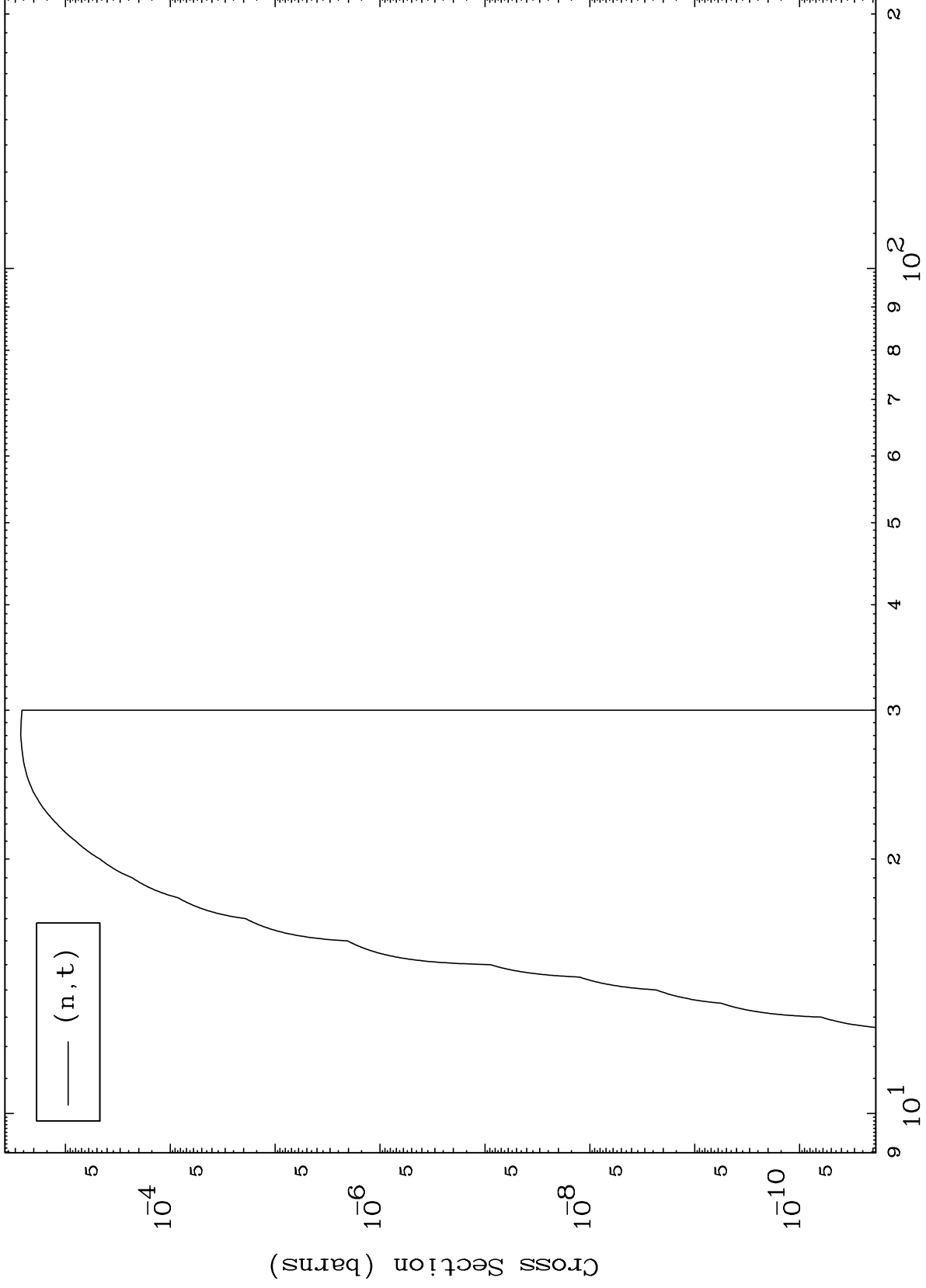
48-Cd-121



MAT 4870

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-121



12

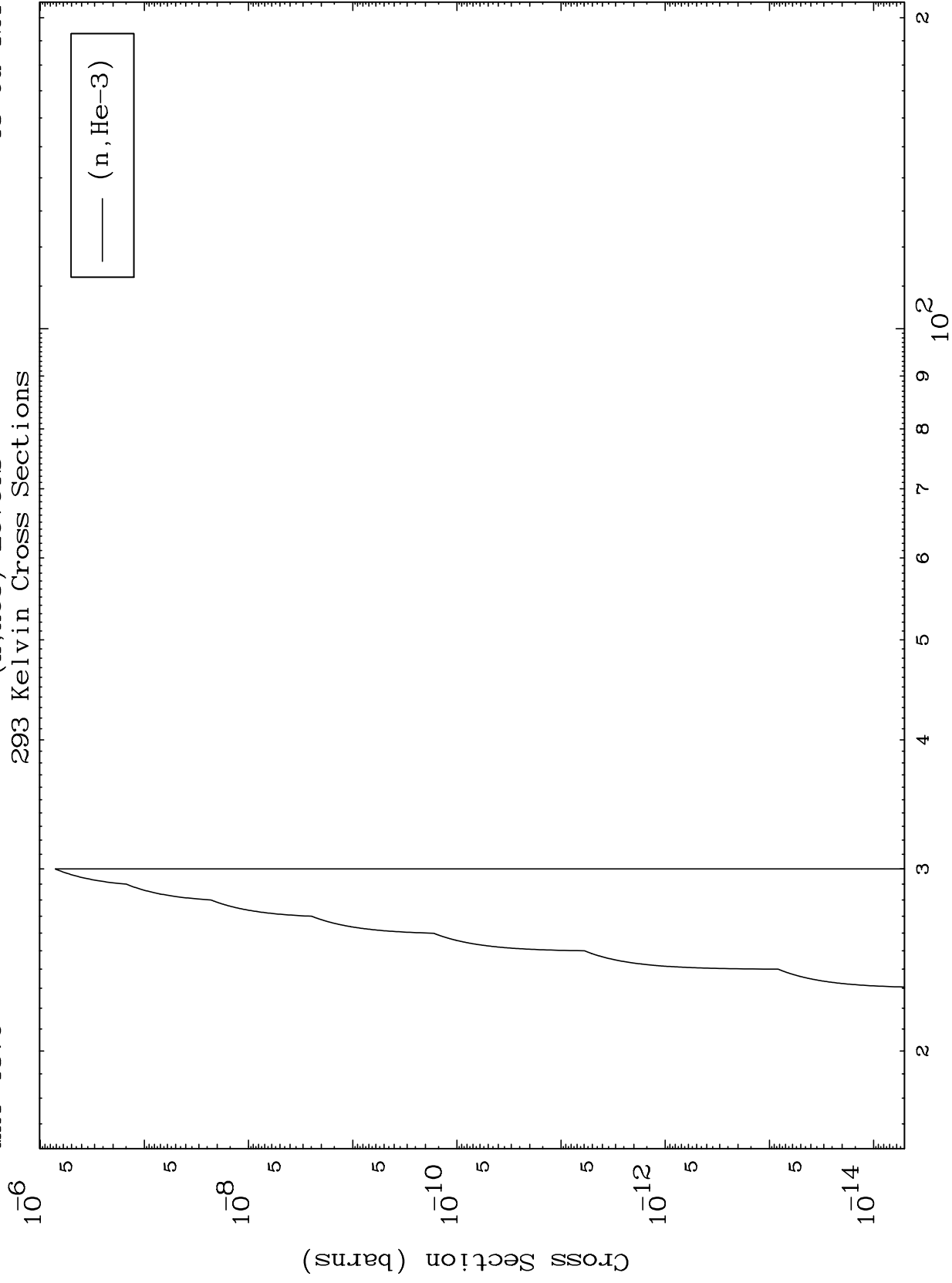
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-121



13

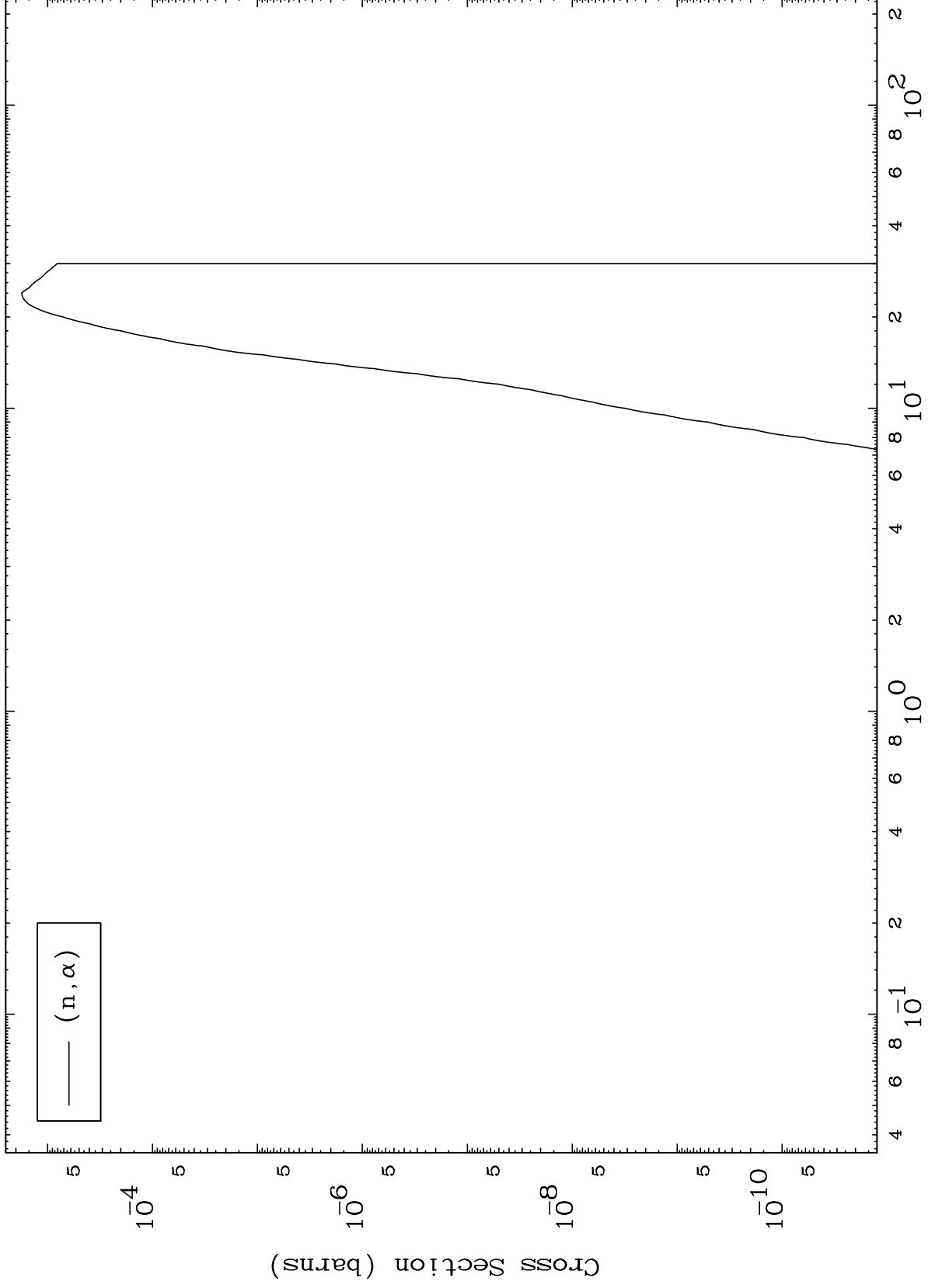
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n, α) Levels
293 Kelvin Cross Sections

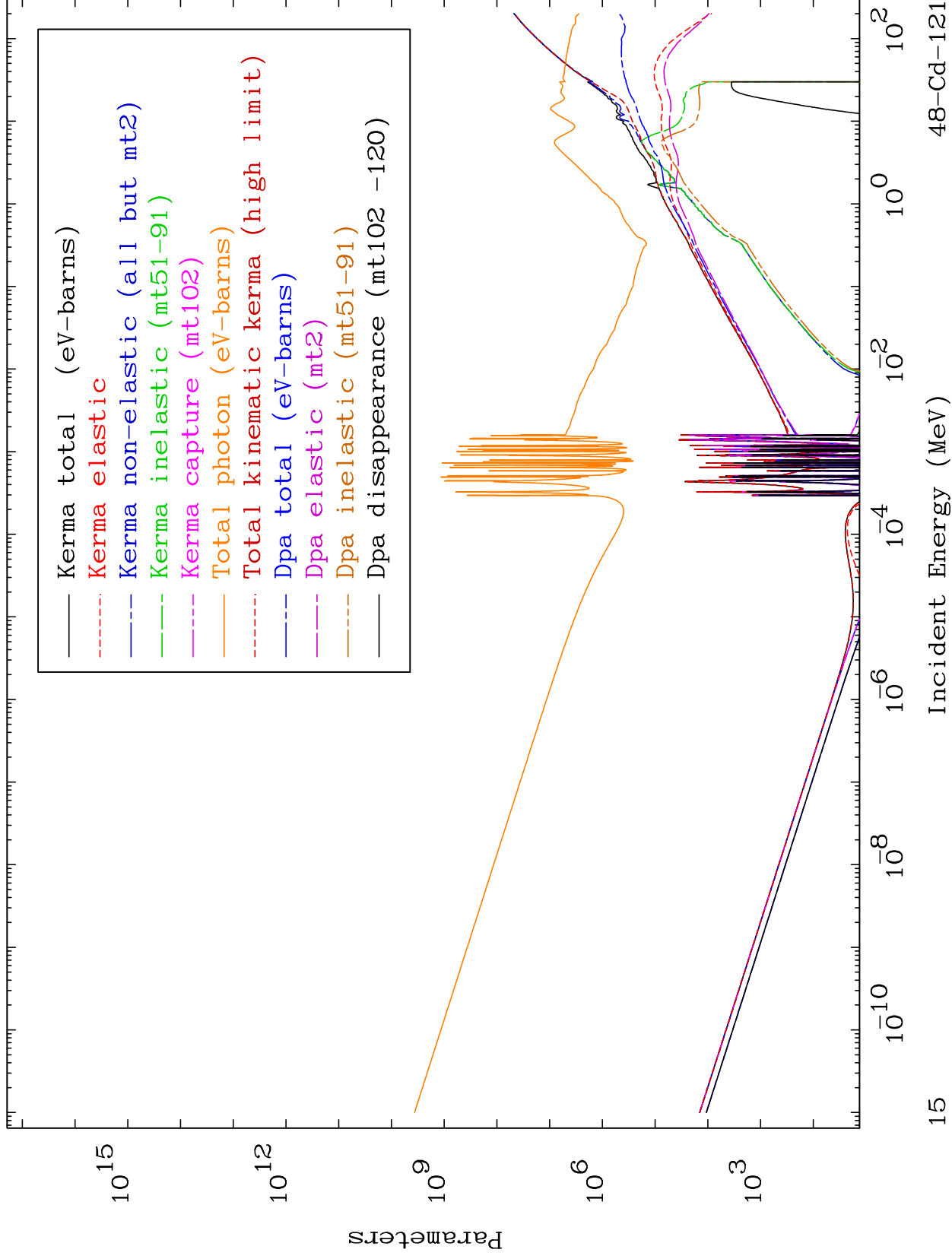
48-Cd-121

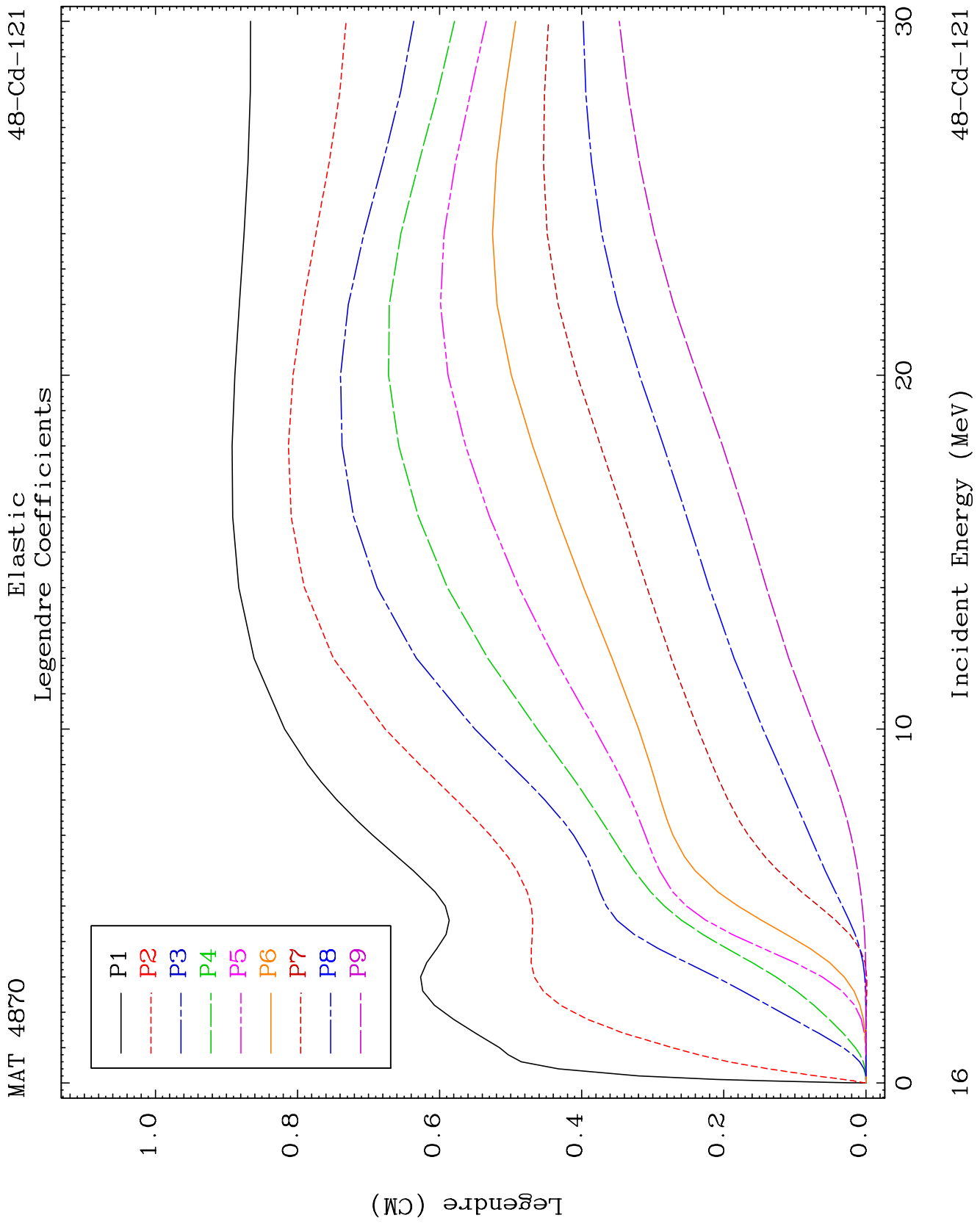


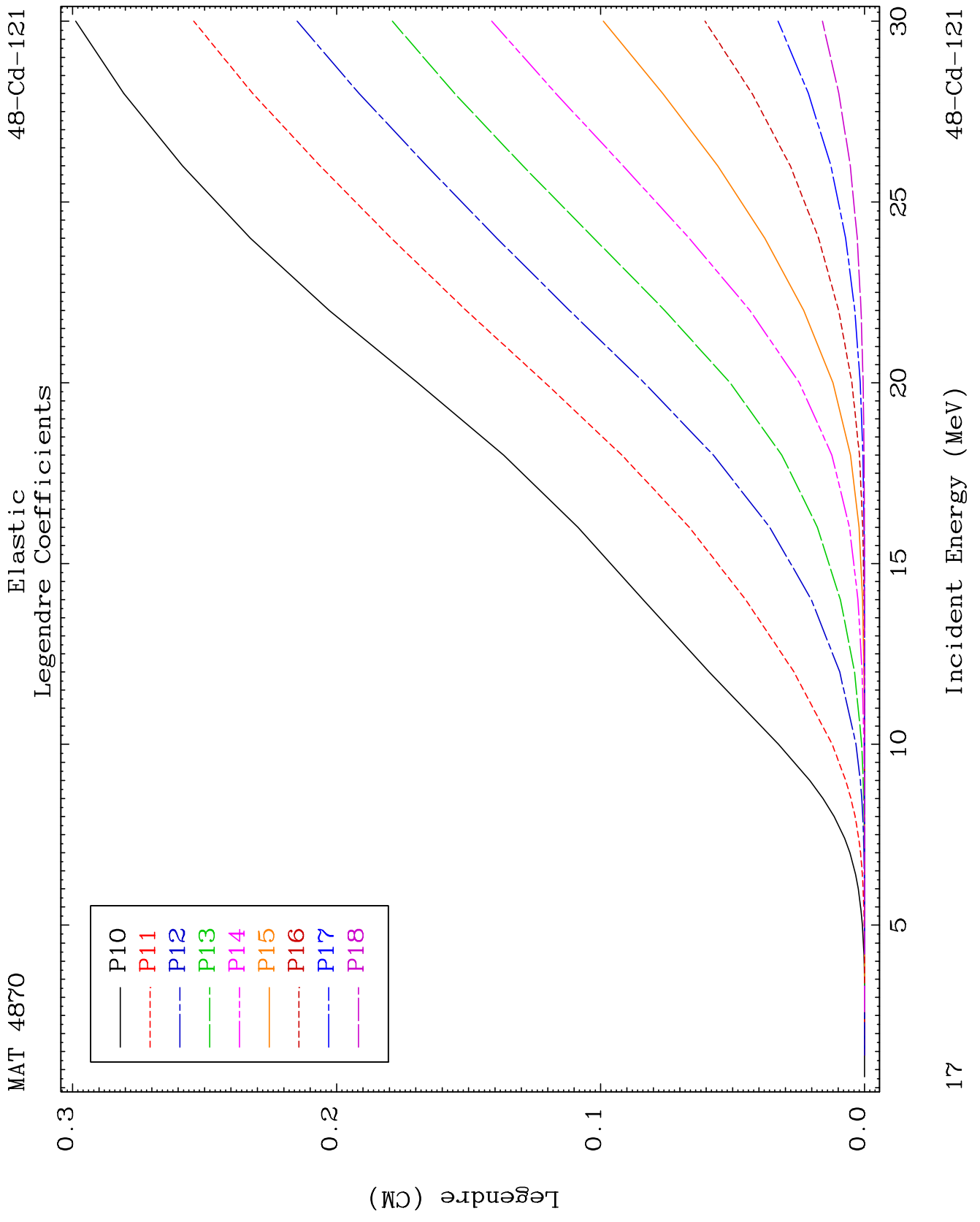
14

Incident Energy (MeV)

48-Cd-121



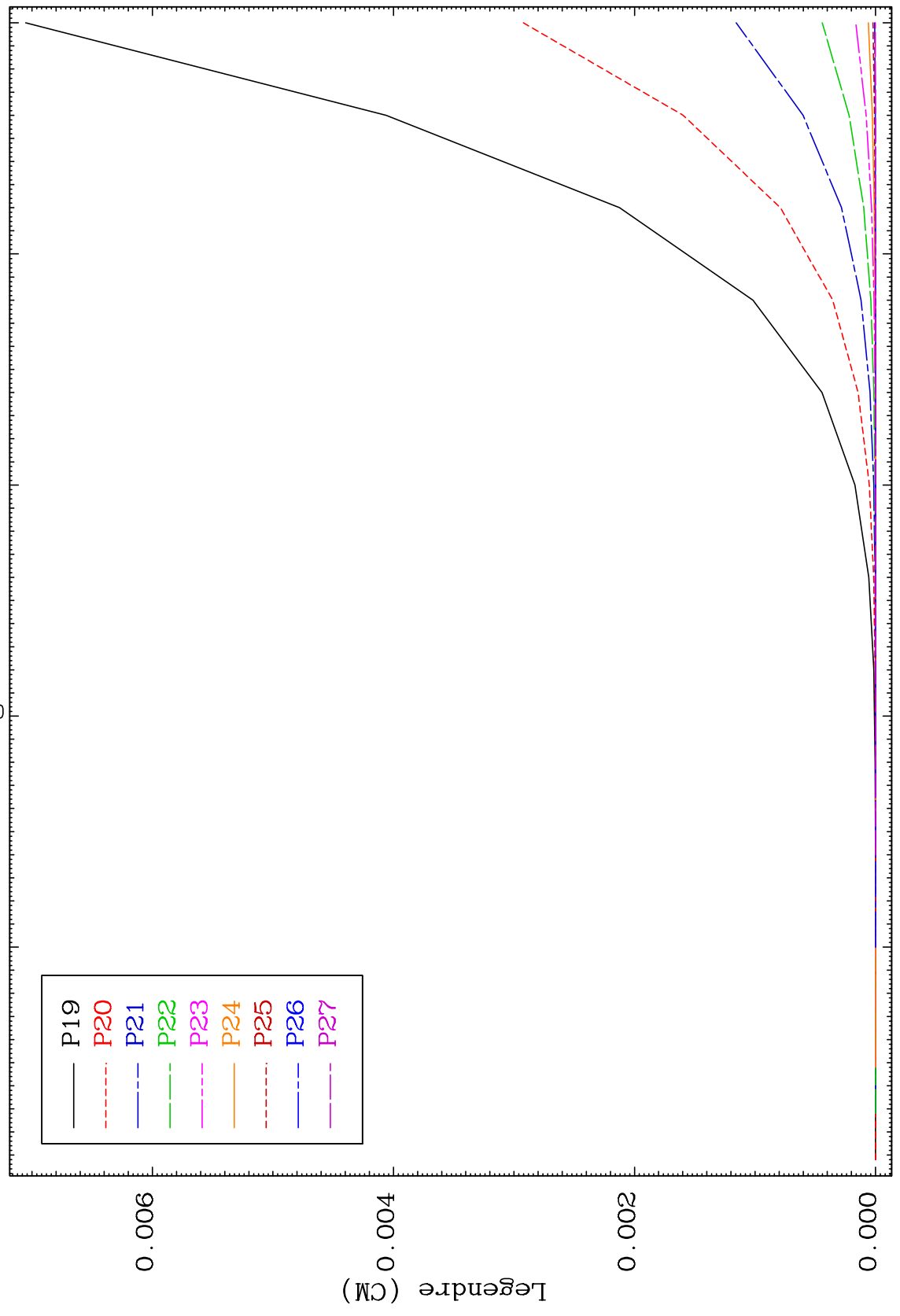




MAT 4870

Elastic Legendre Coefficients

48-Cd-121



18

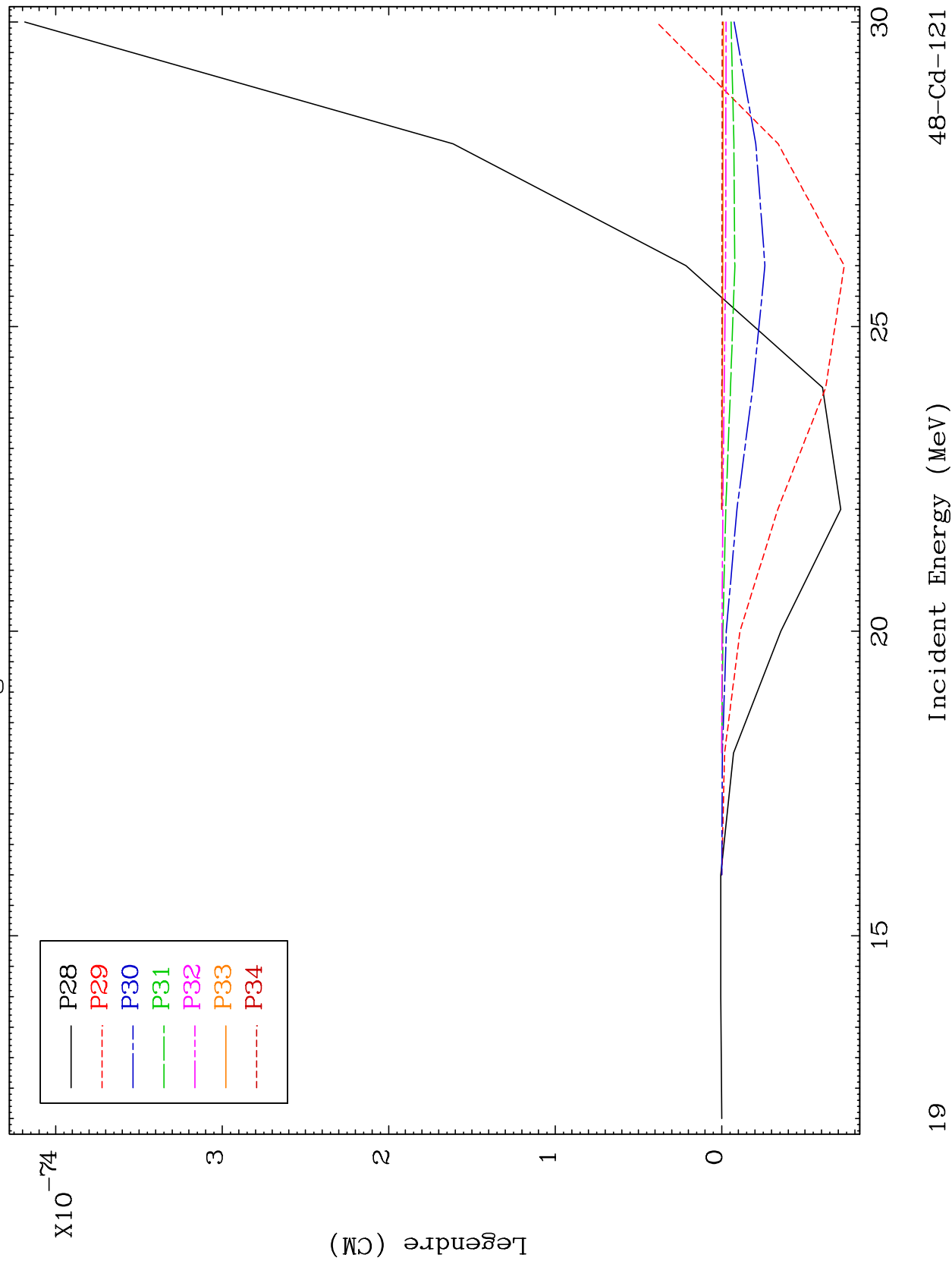
Incident Energy (MeV)

48-Cd-121

MAT 4870

Elastic Legendre Coefficients

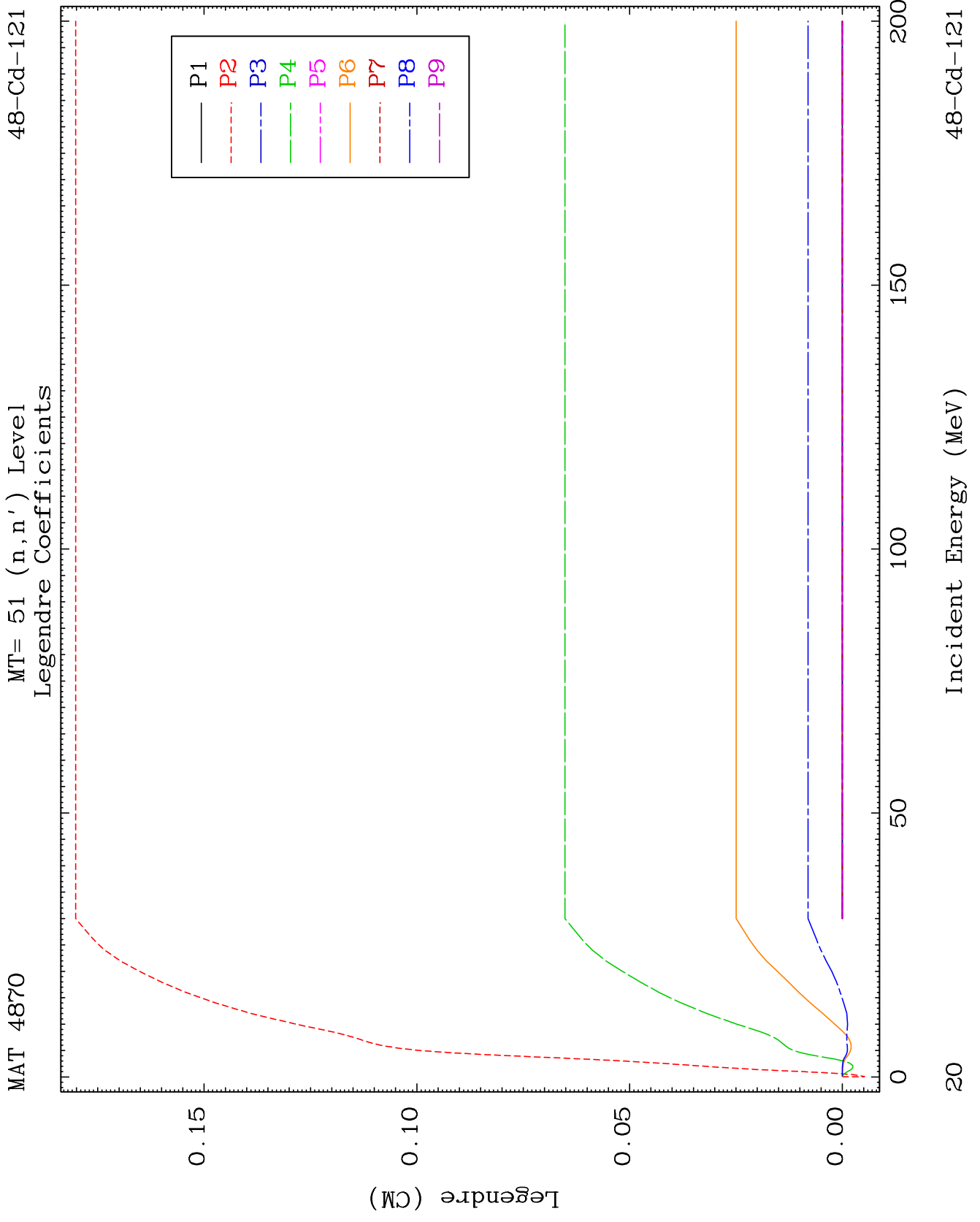
48-Cd-121



19

Incident Energy (MeV)

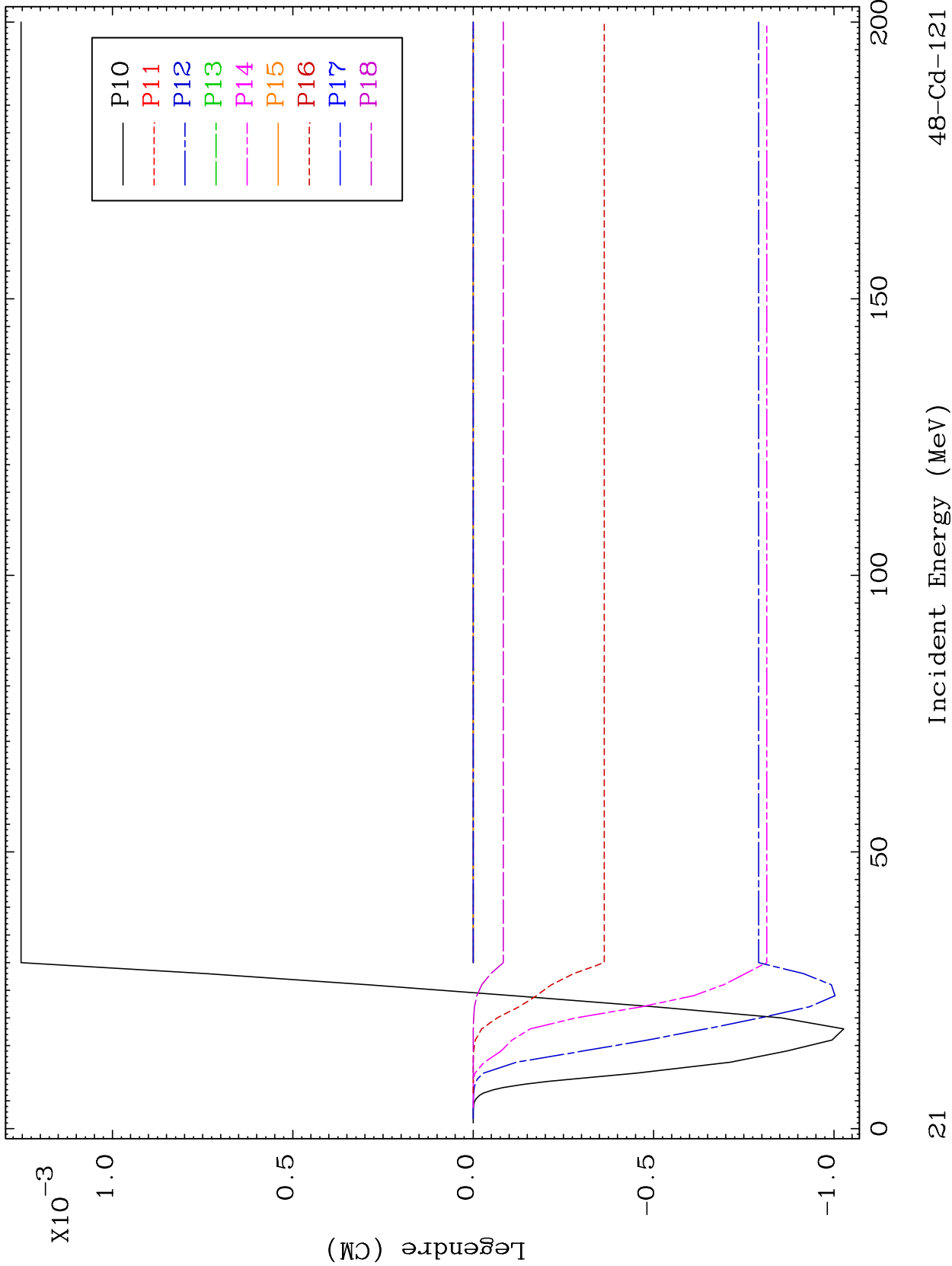
48-Cd-121



MAT 4870

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

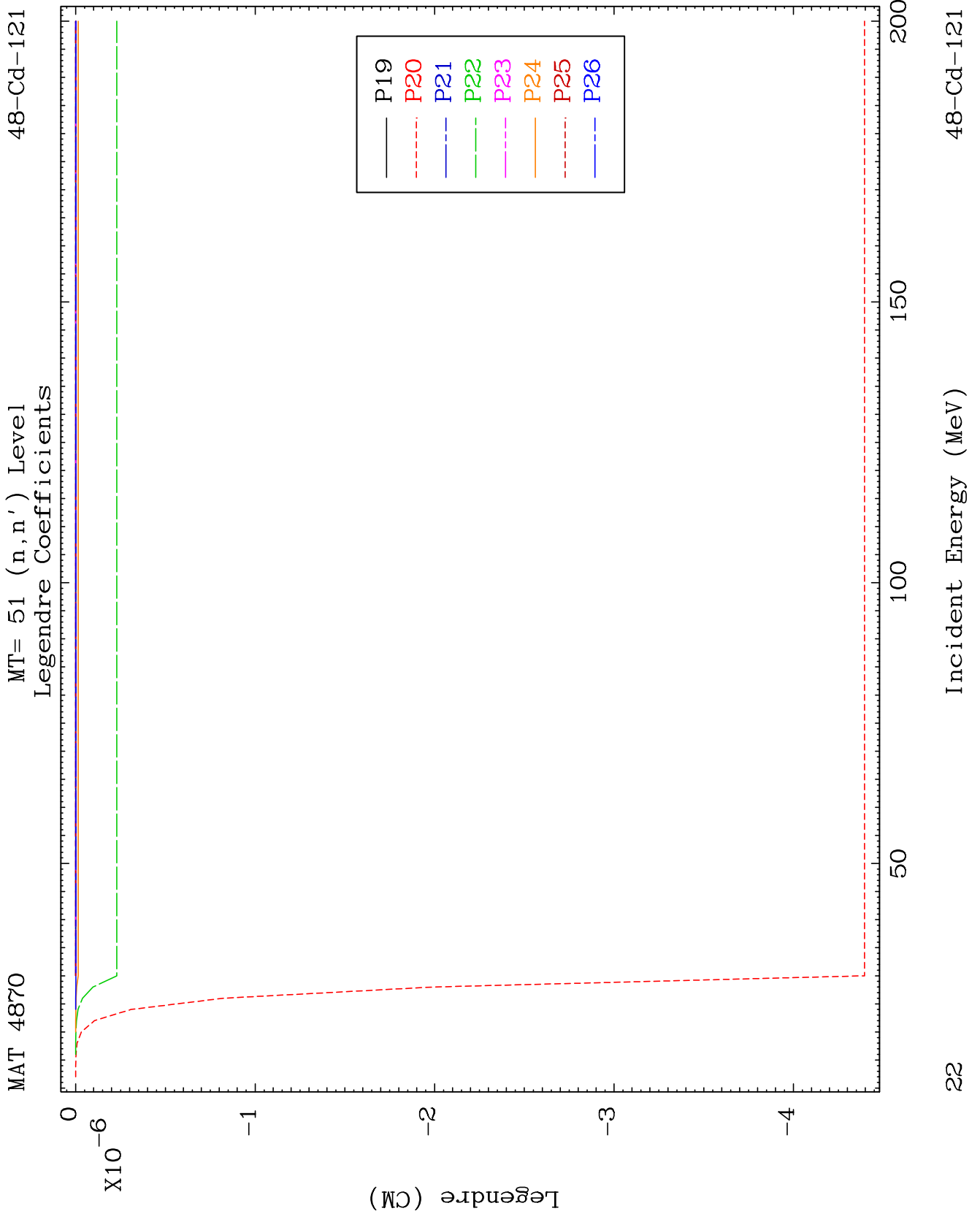
48-Cd-121



21

Incident Energy (MeV)

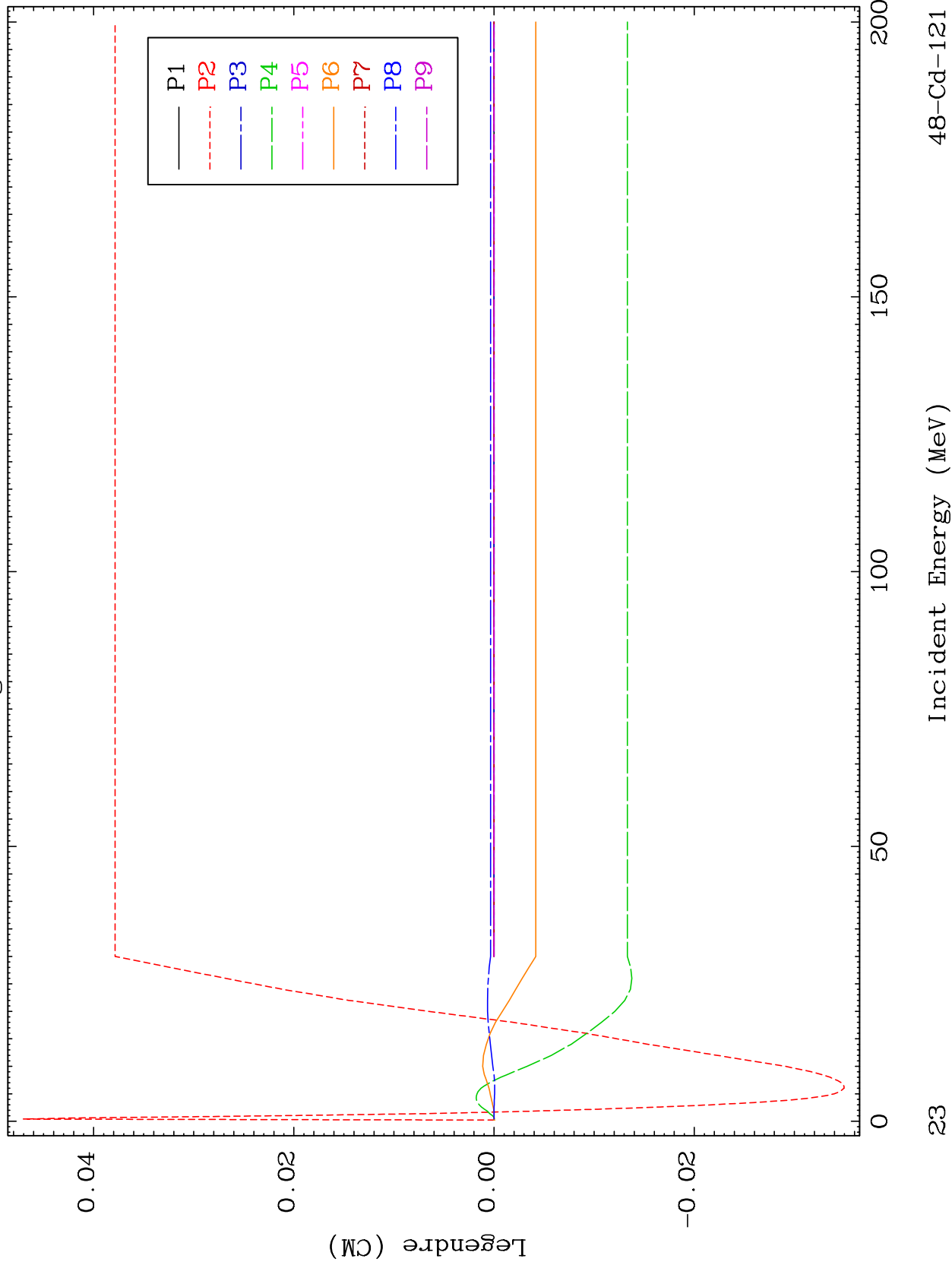
48-Cd-121



MAT 4870

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

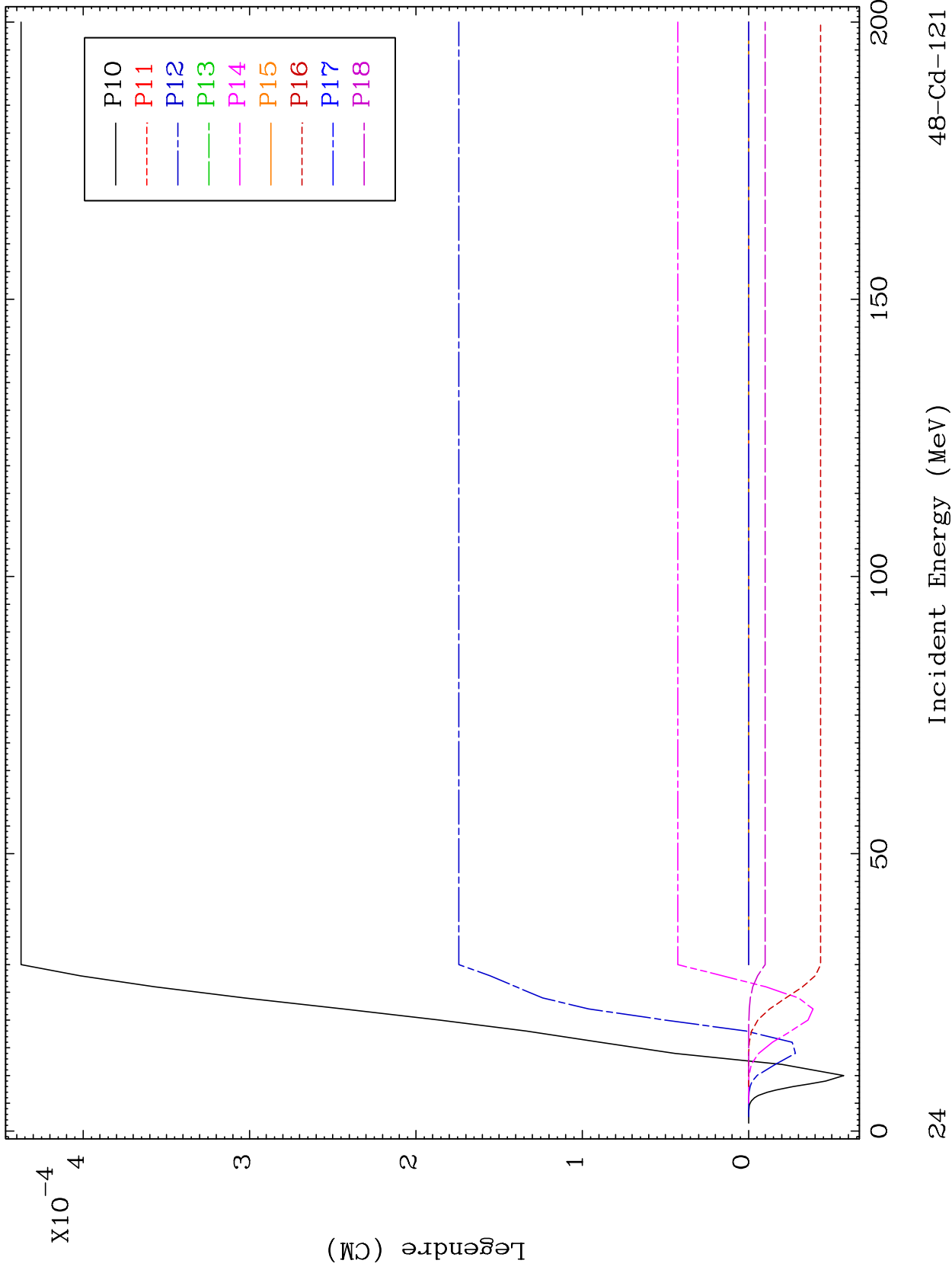
48-Cd-121



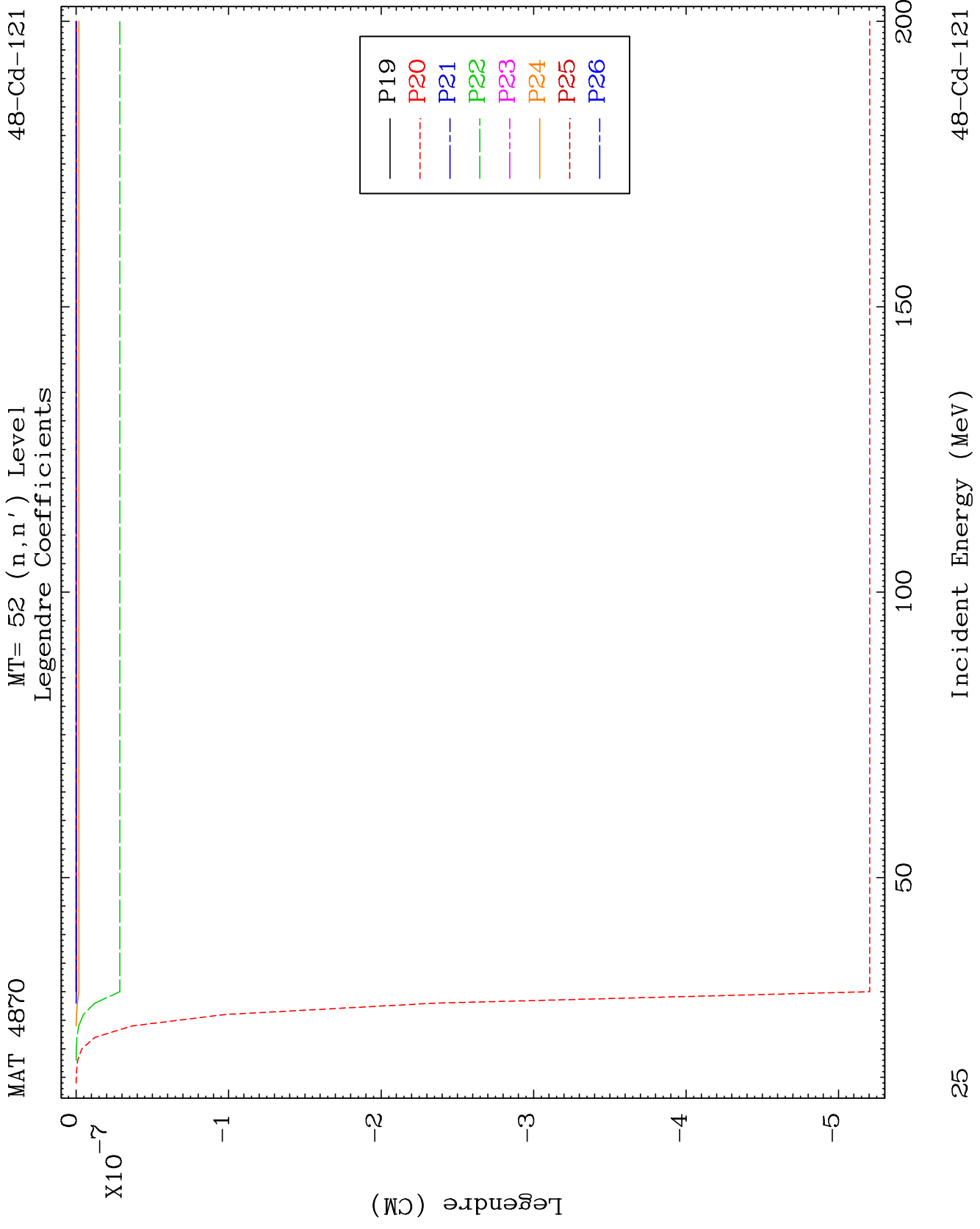
MAT 4870

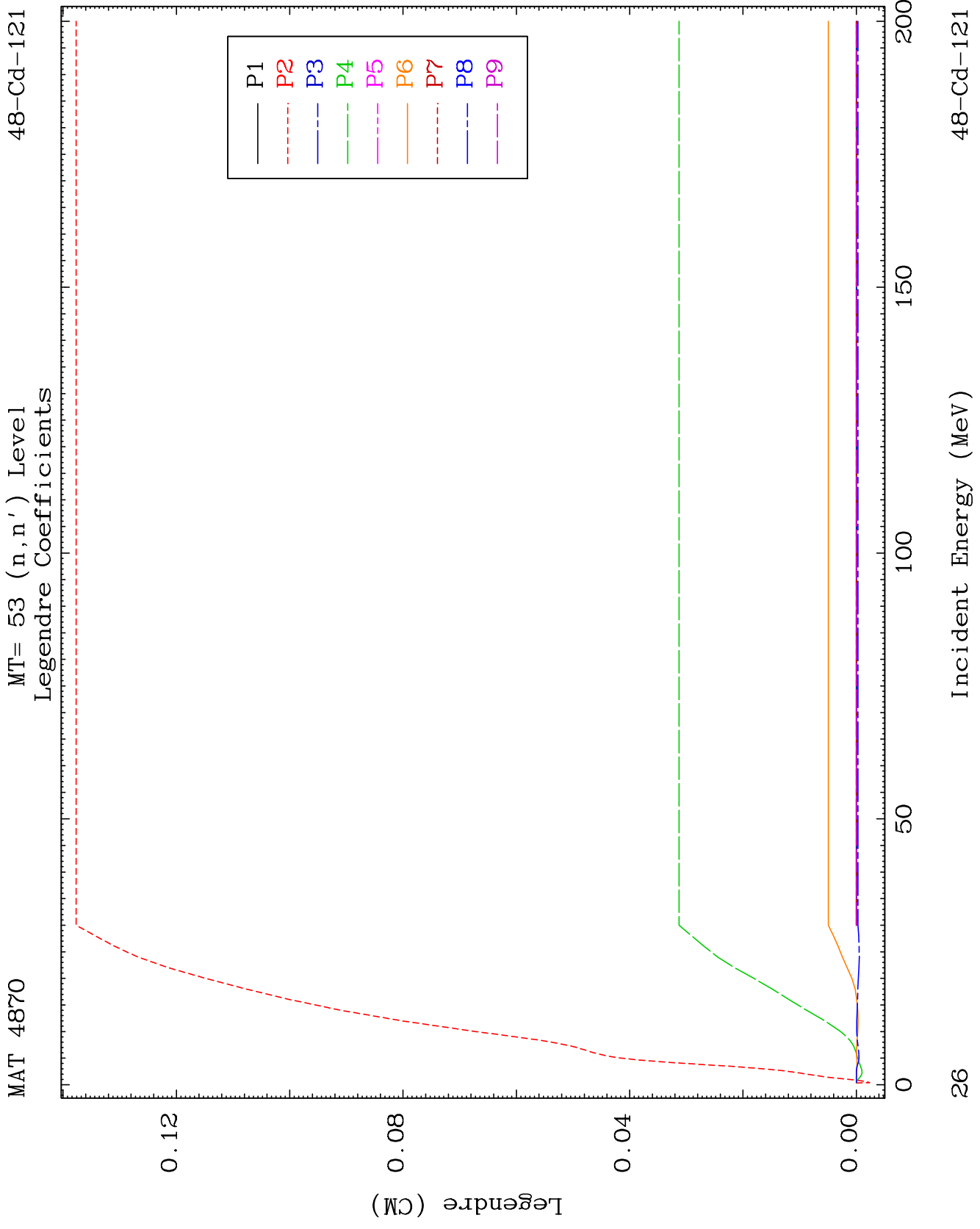
MT= 52 (n,n') Level
Legendre Coefficients

48-Cd-121



24

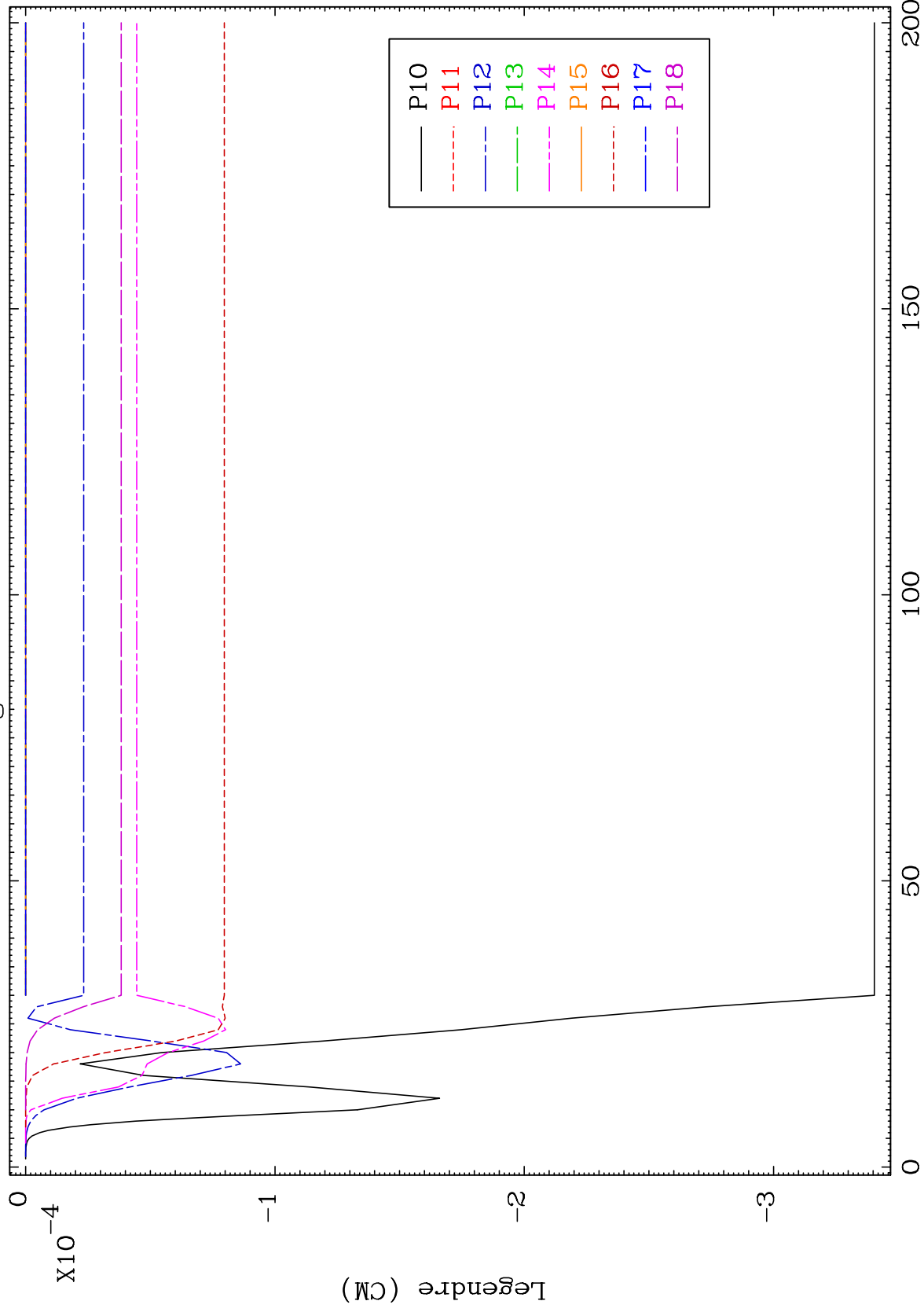




MAT 4870

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

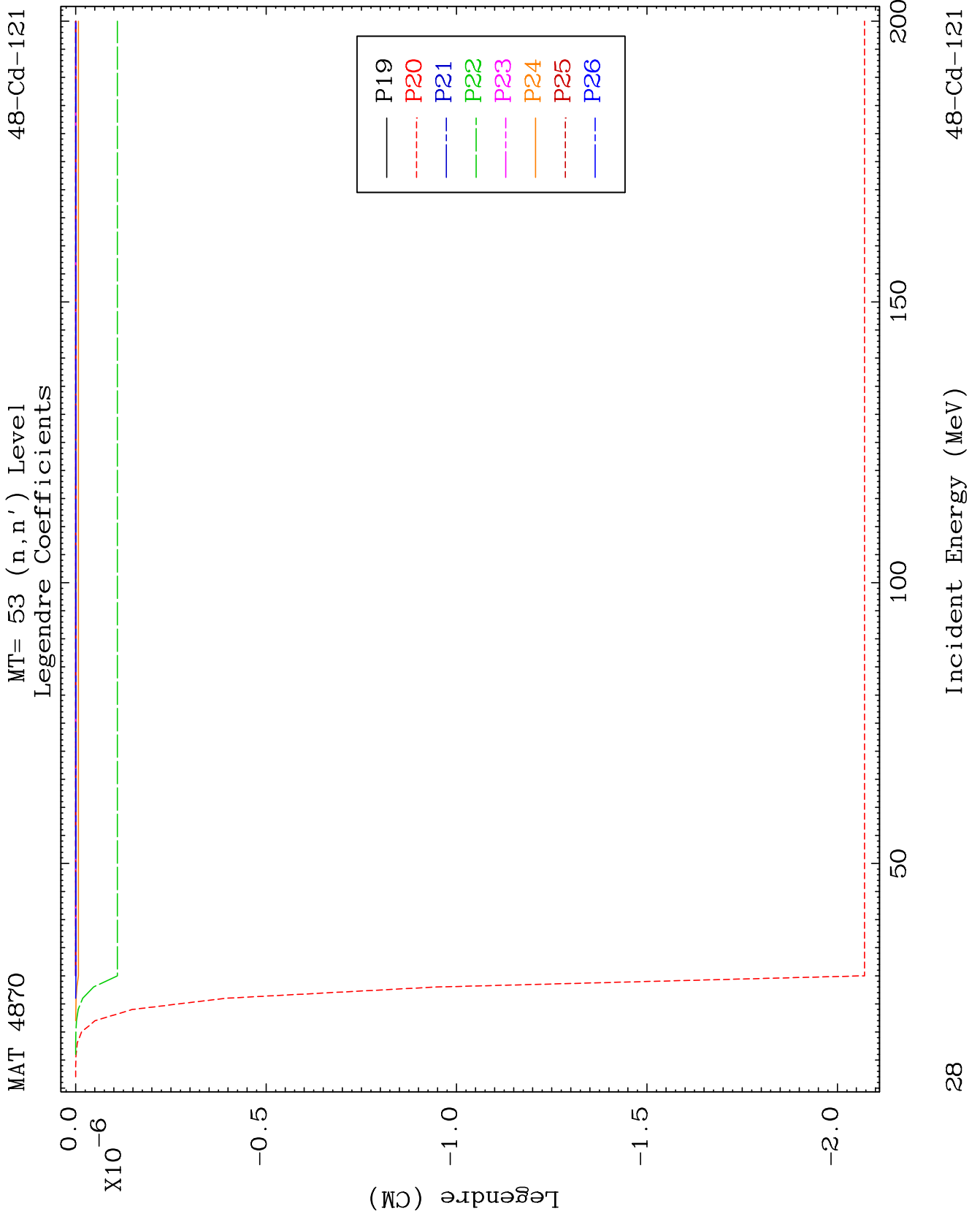
48-Cd-121

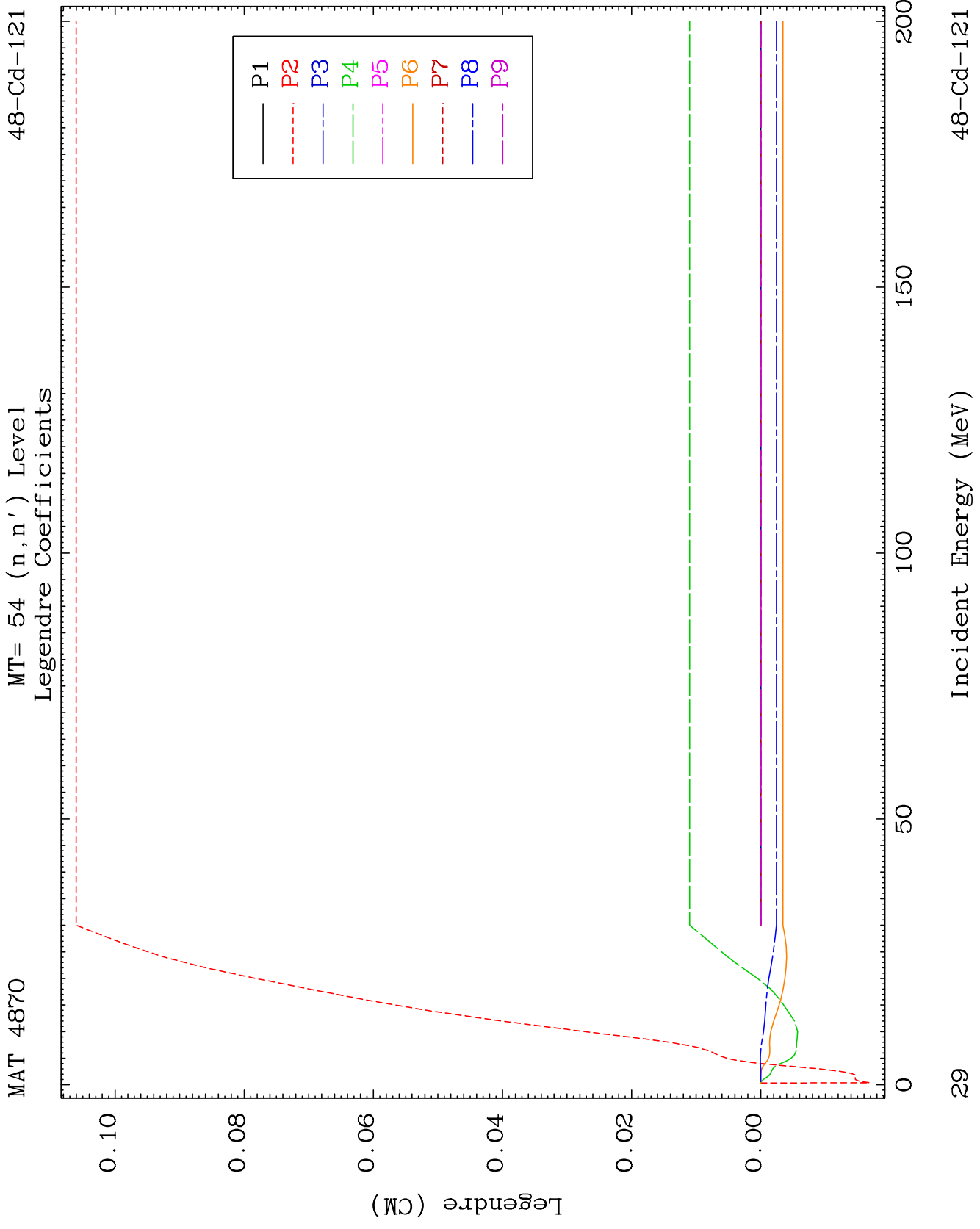


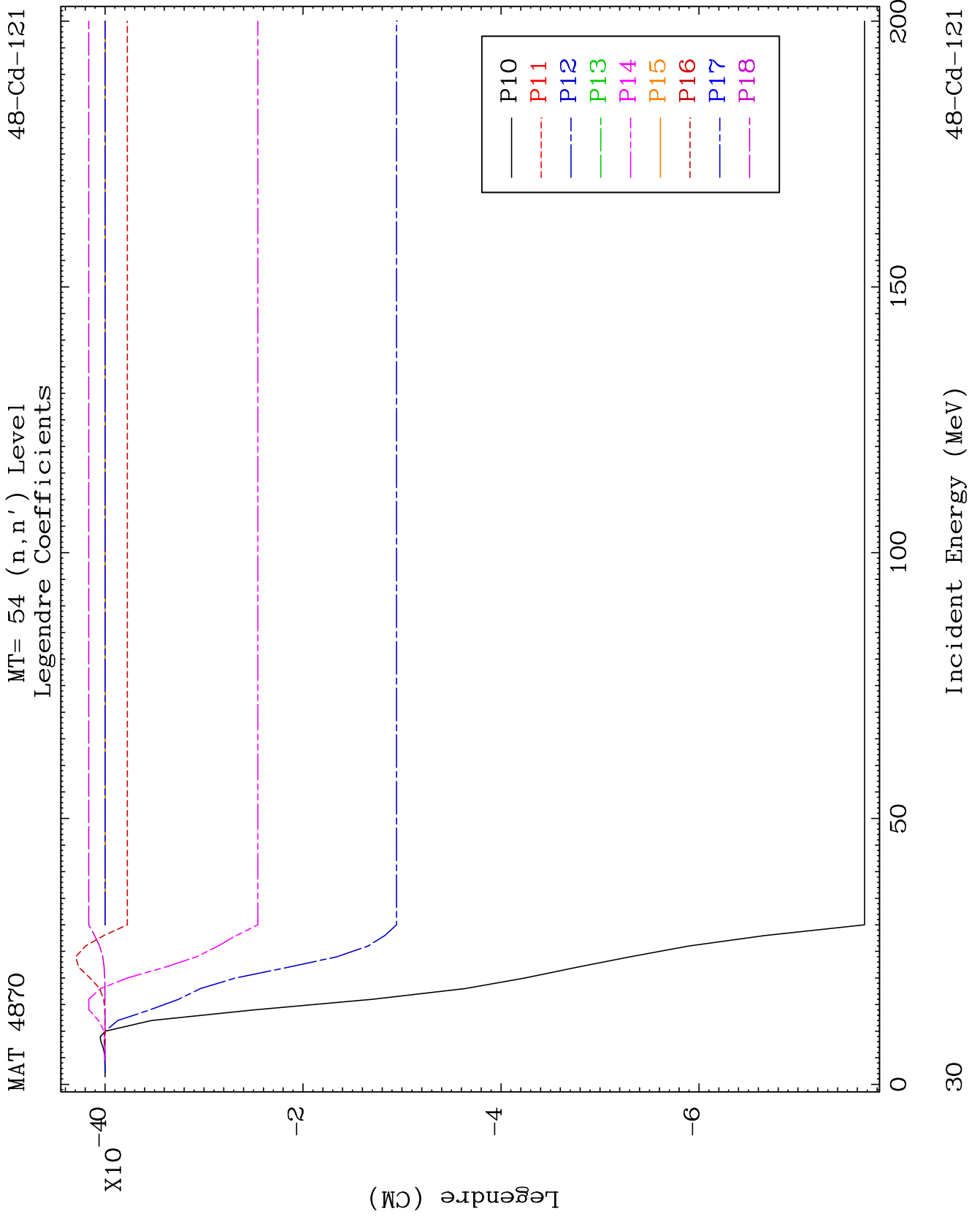
27

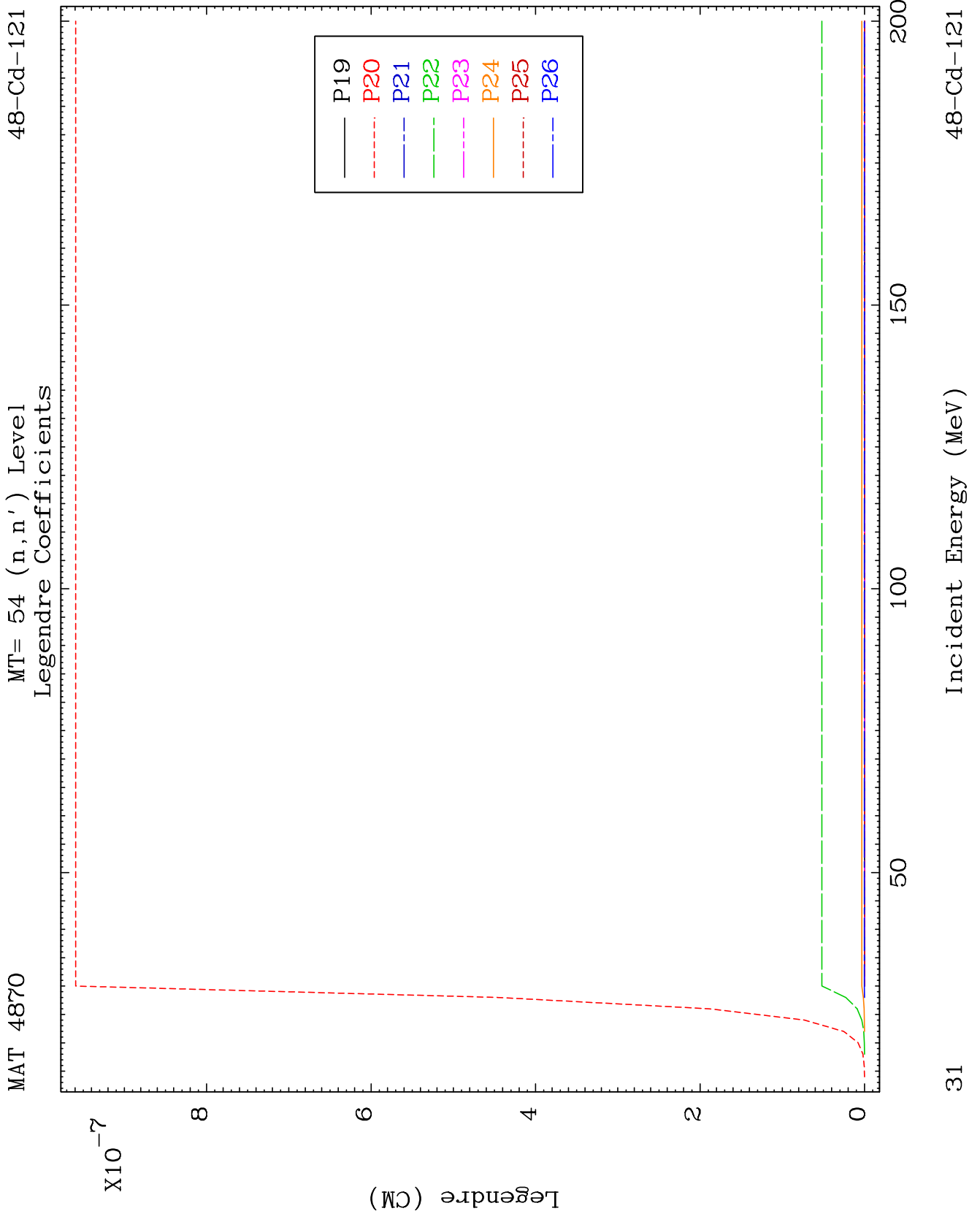
Incident Energy (MeV)

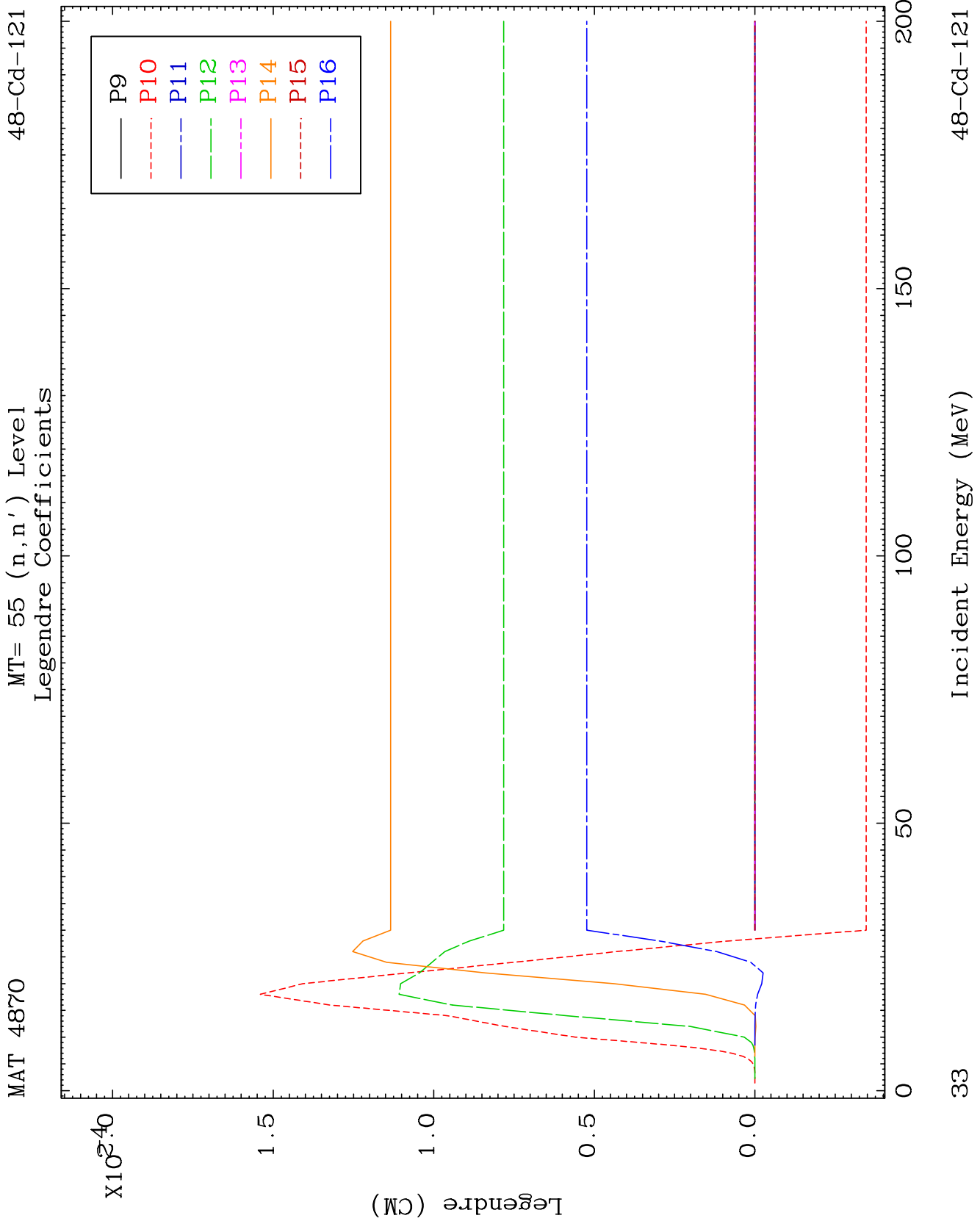
48-Cd-121

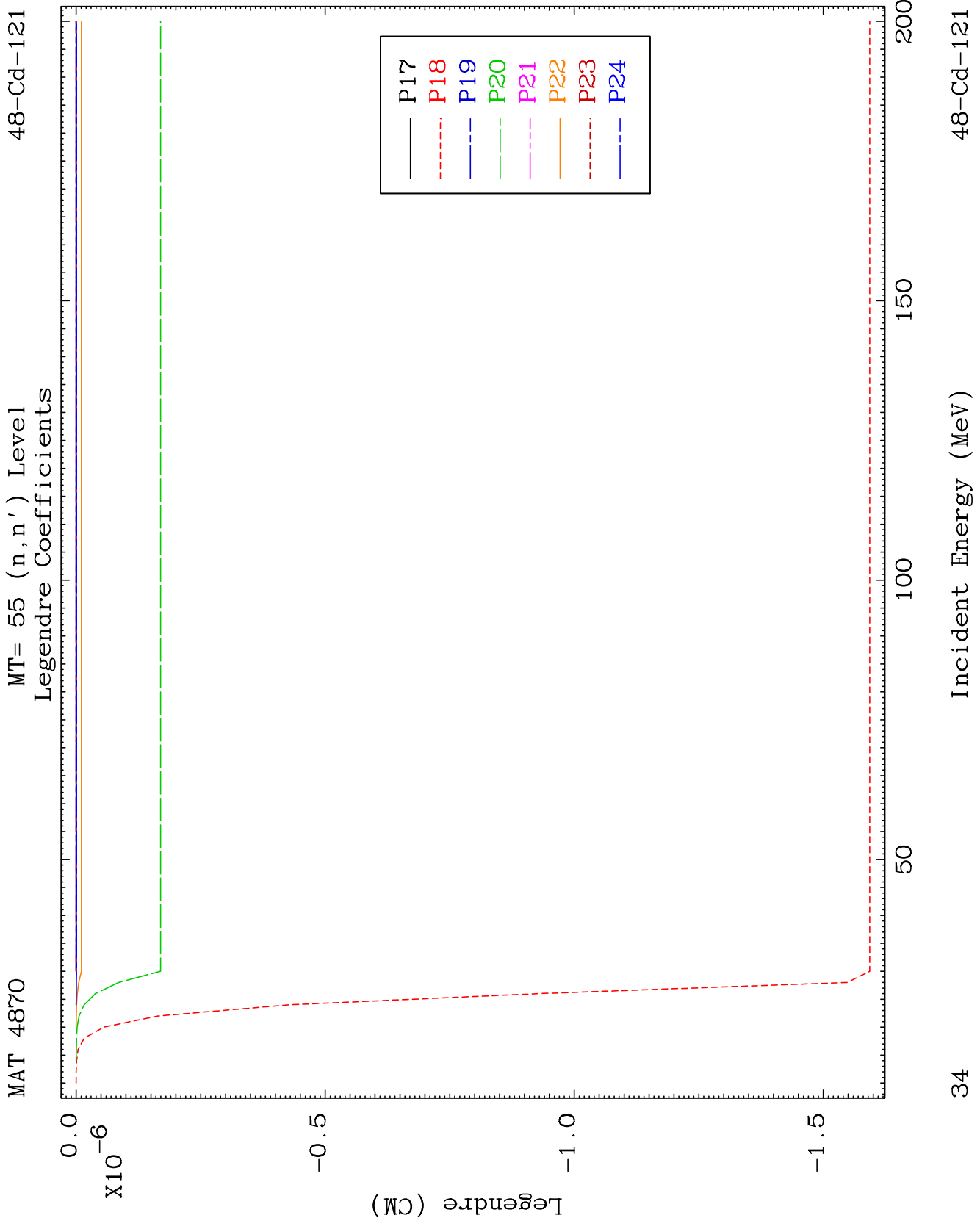


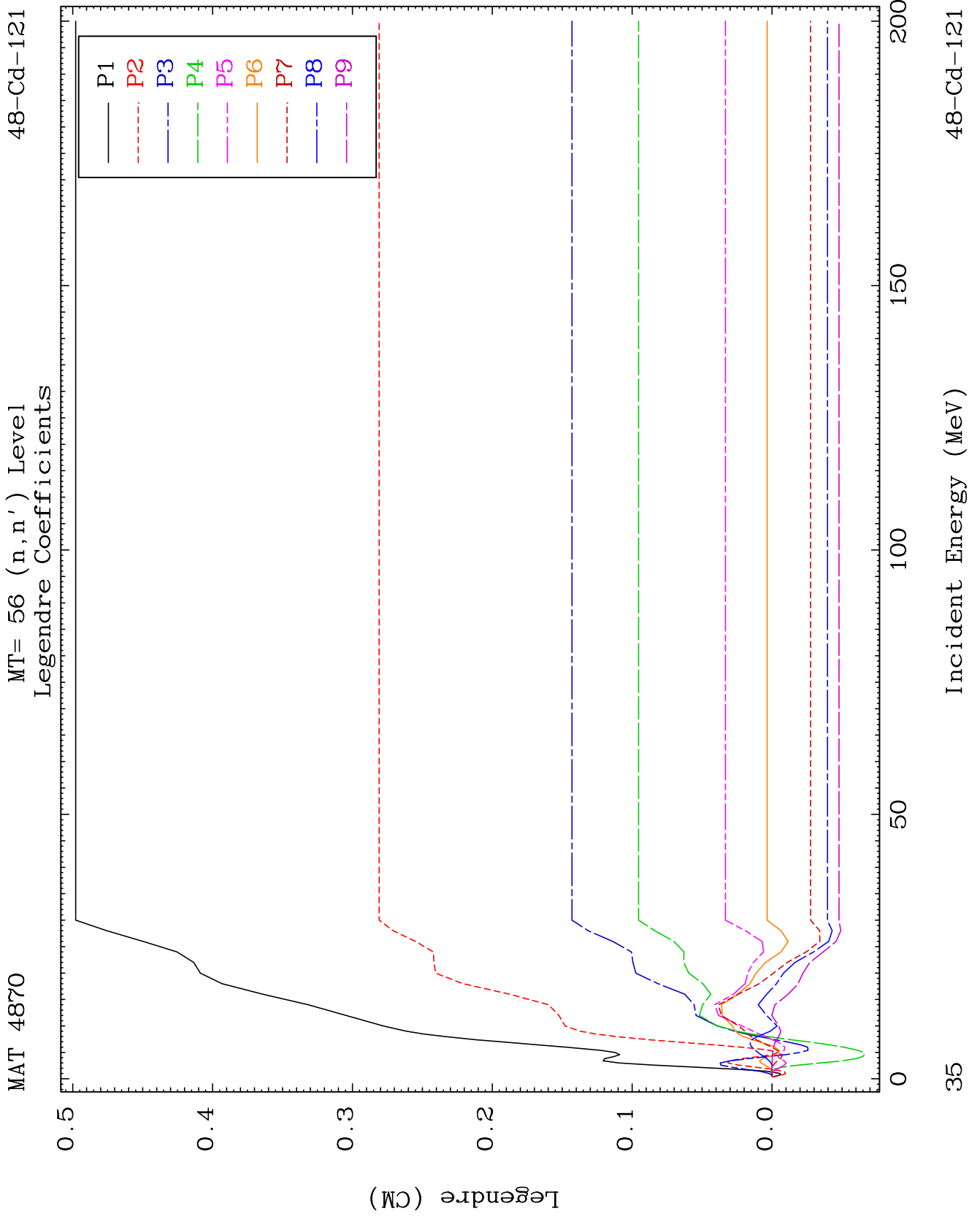








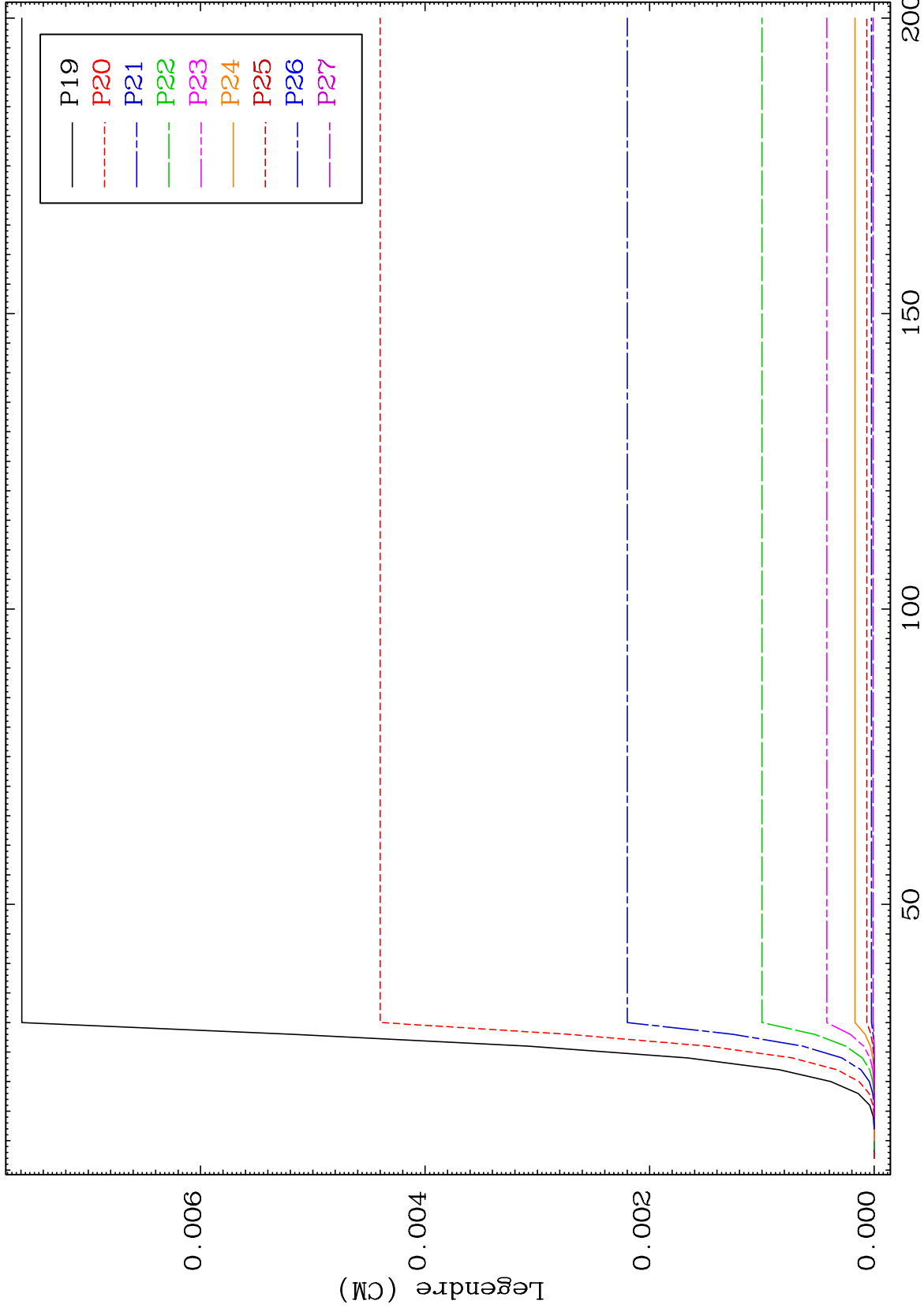




MAT 4870

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

48-Cd-121



37

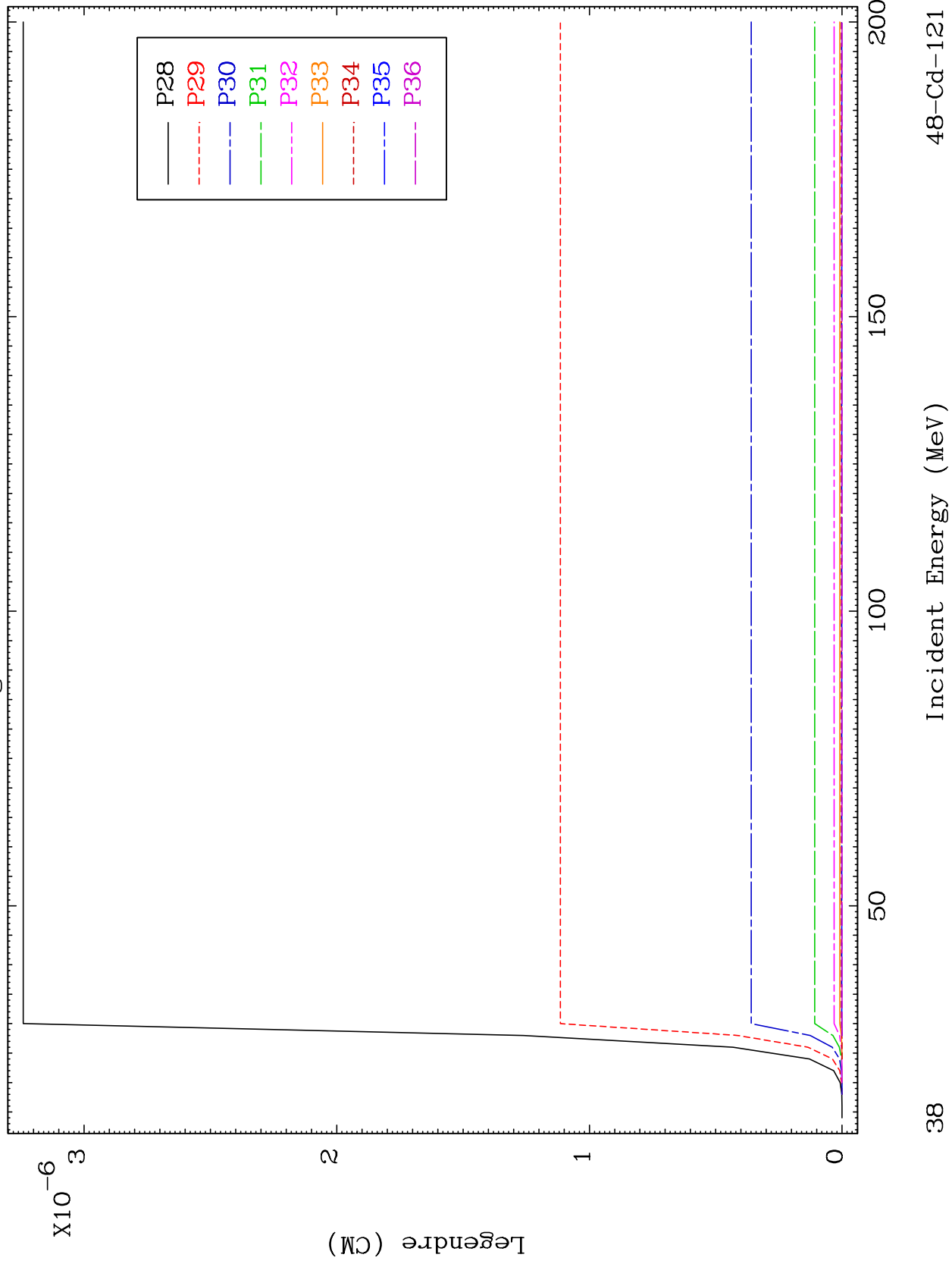
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

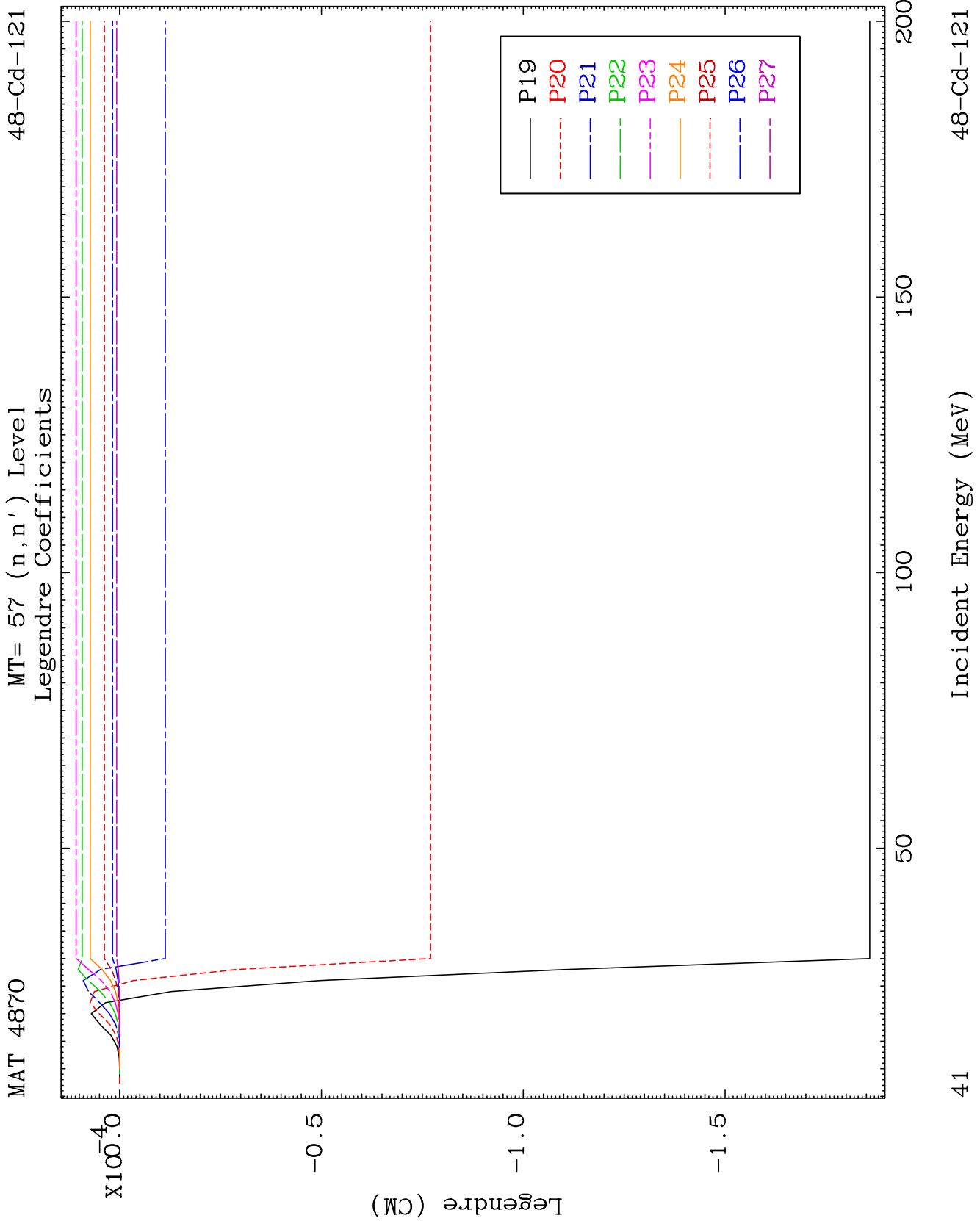
48-Cd-121



38

Incident Energy (MeV)

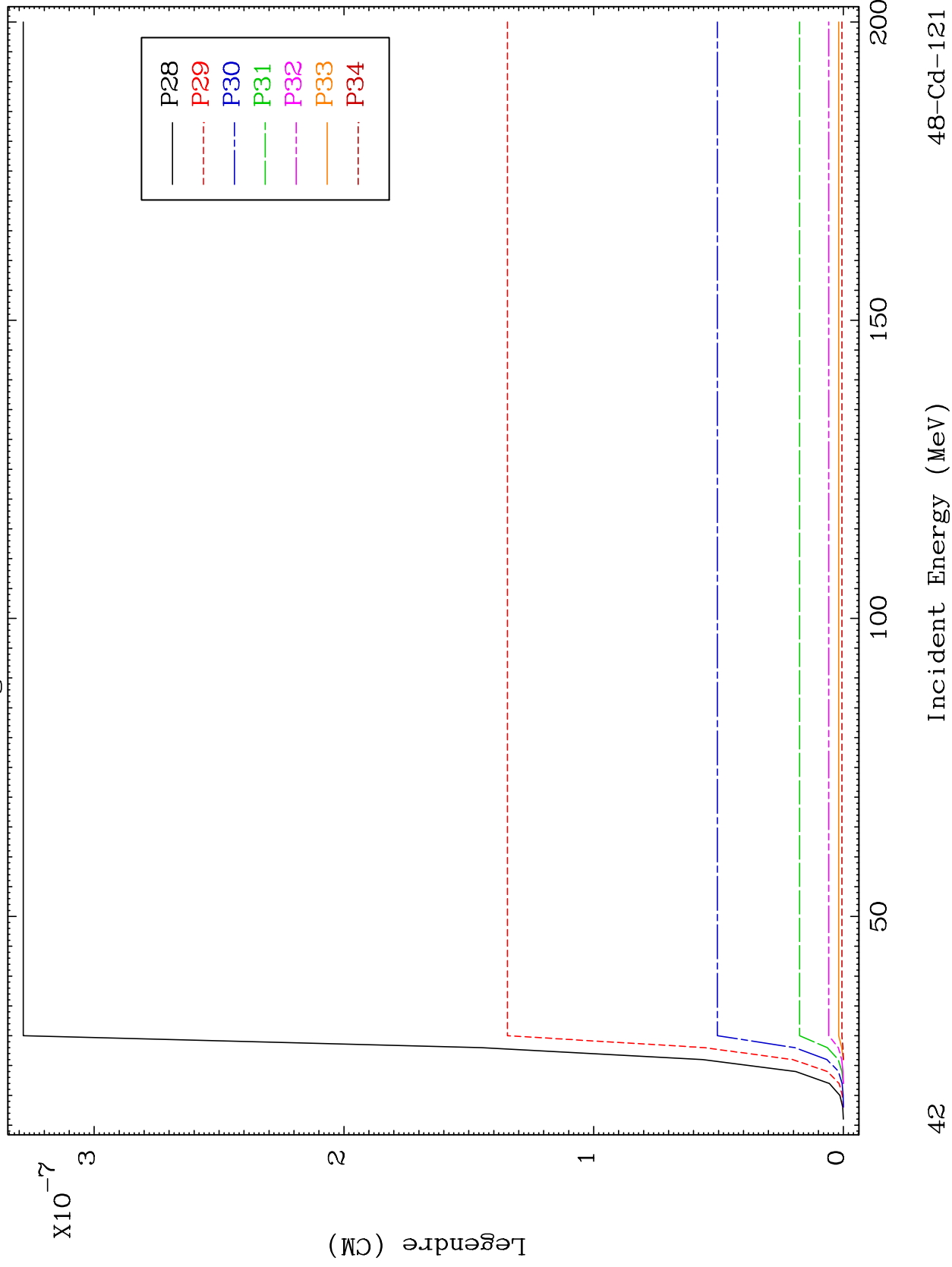
48-Cd-121



MAT 4870

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

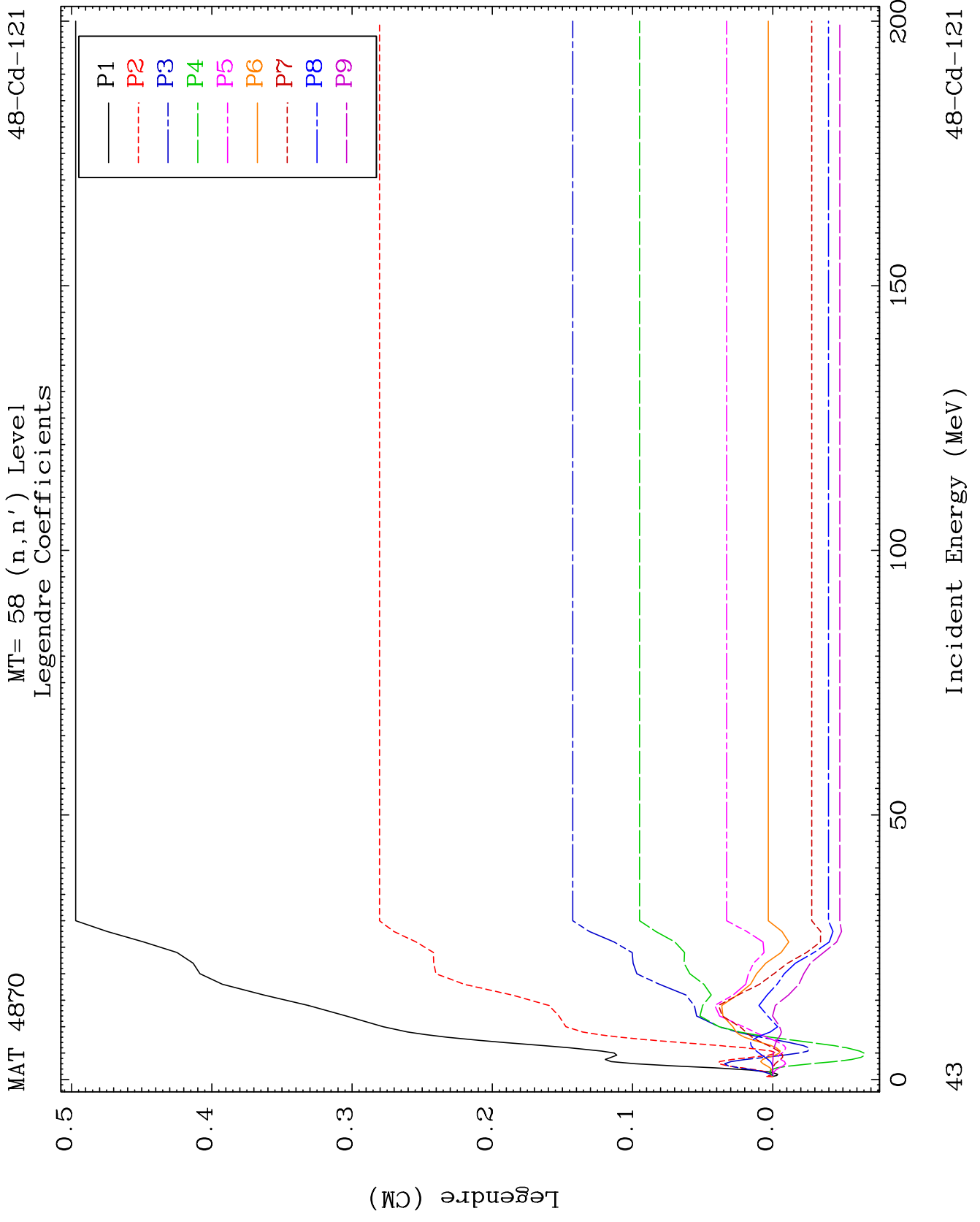
48-Cd-121

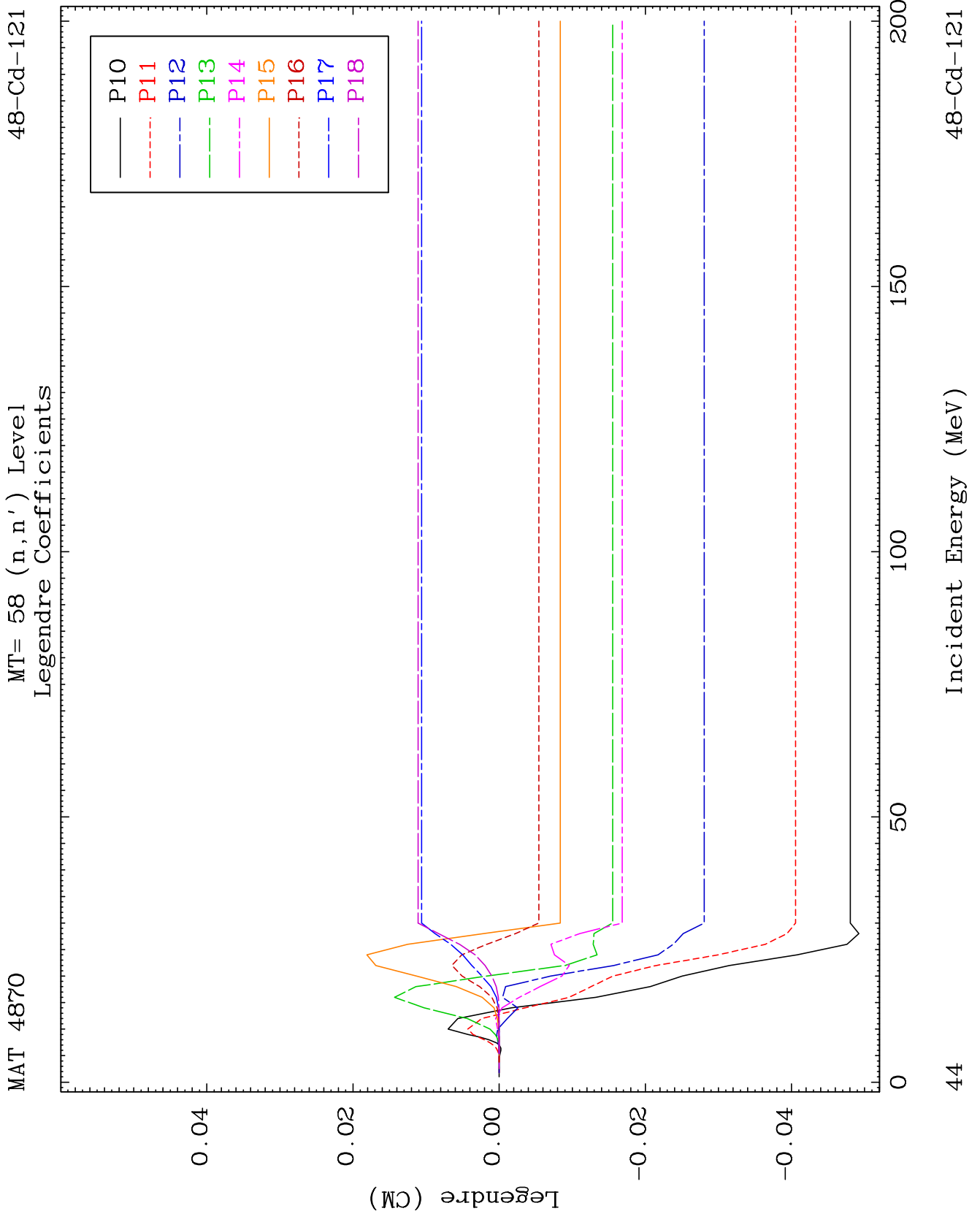


42

Incident Energy (MeV)

48-Cd-121

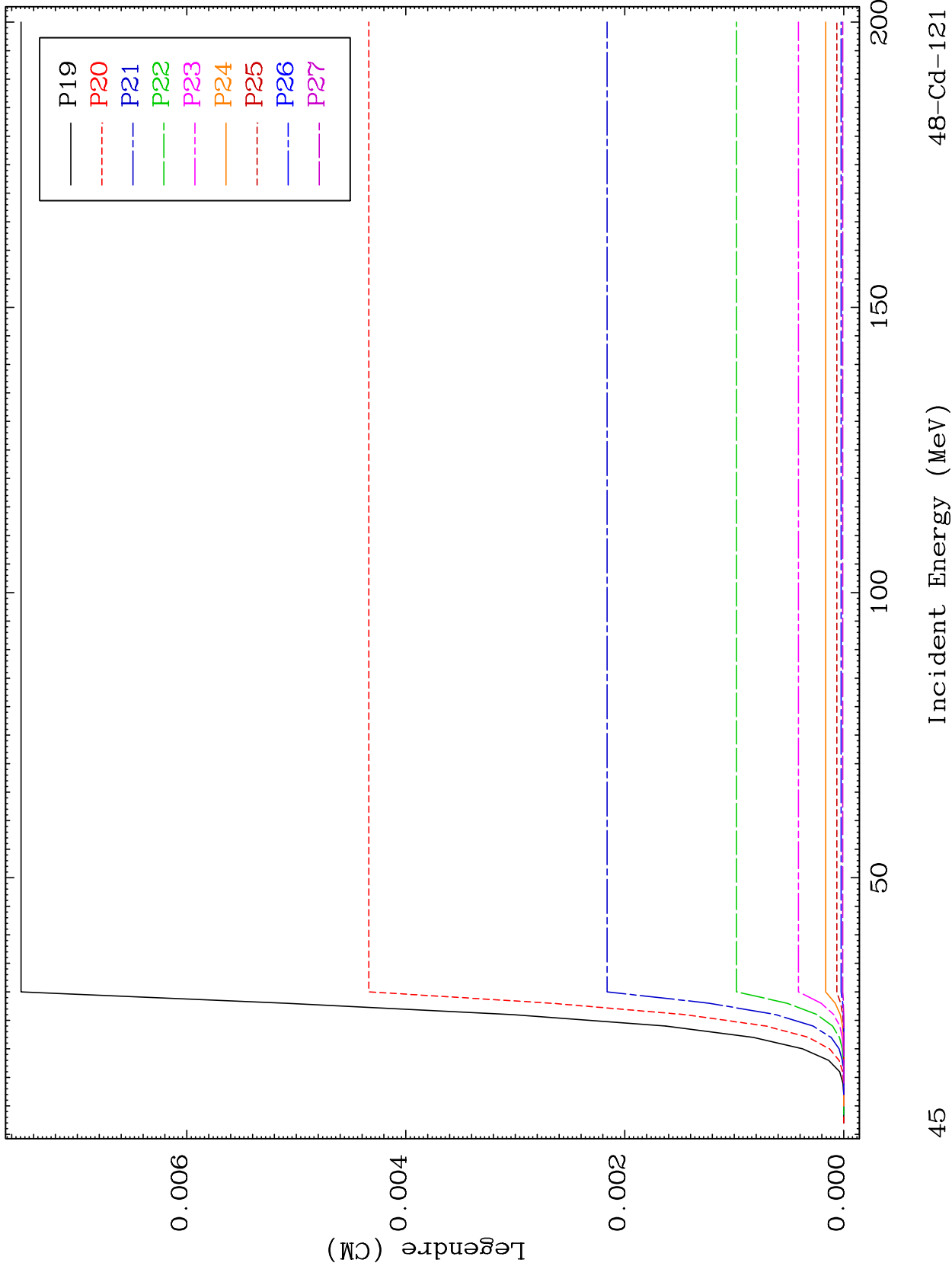




MAT 4870

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

48-Cd-121



45

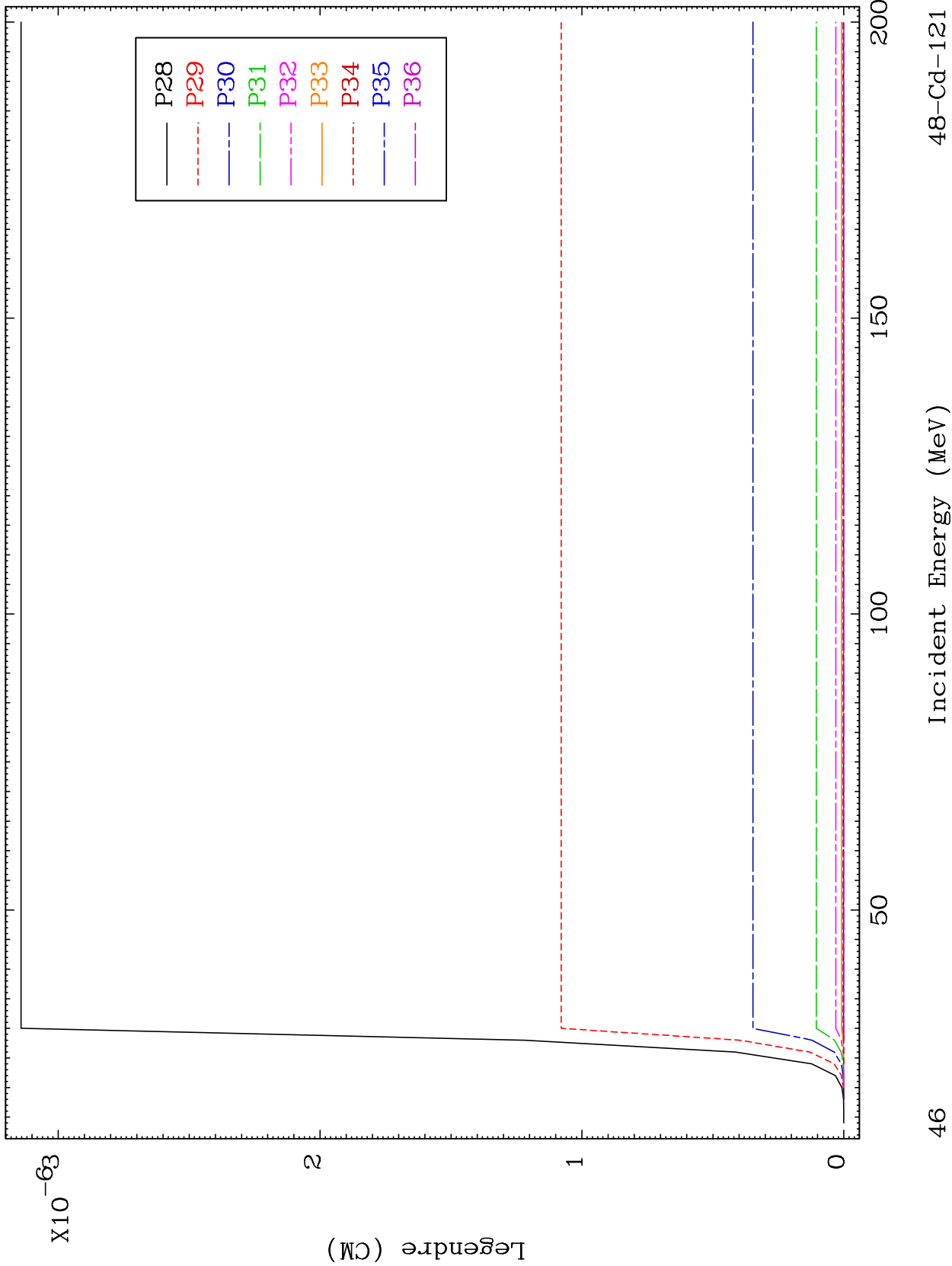
Incident Energy (MeV)

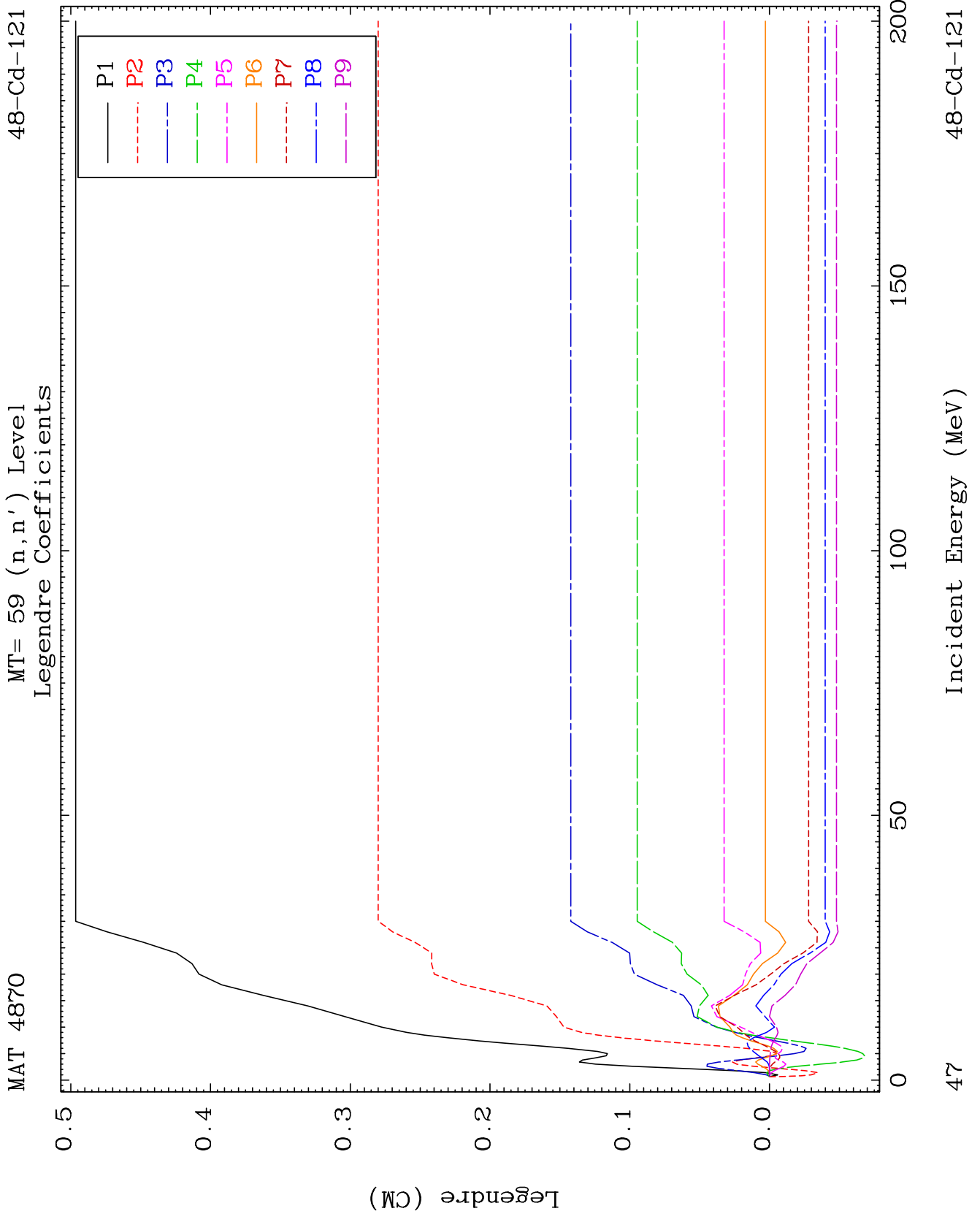
48-Cd-121

MAT 4870

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

48-Cd-121

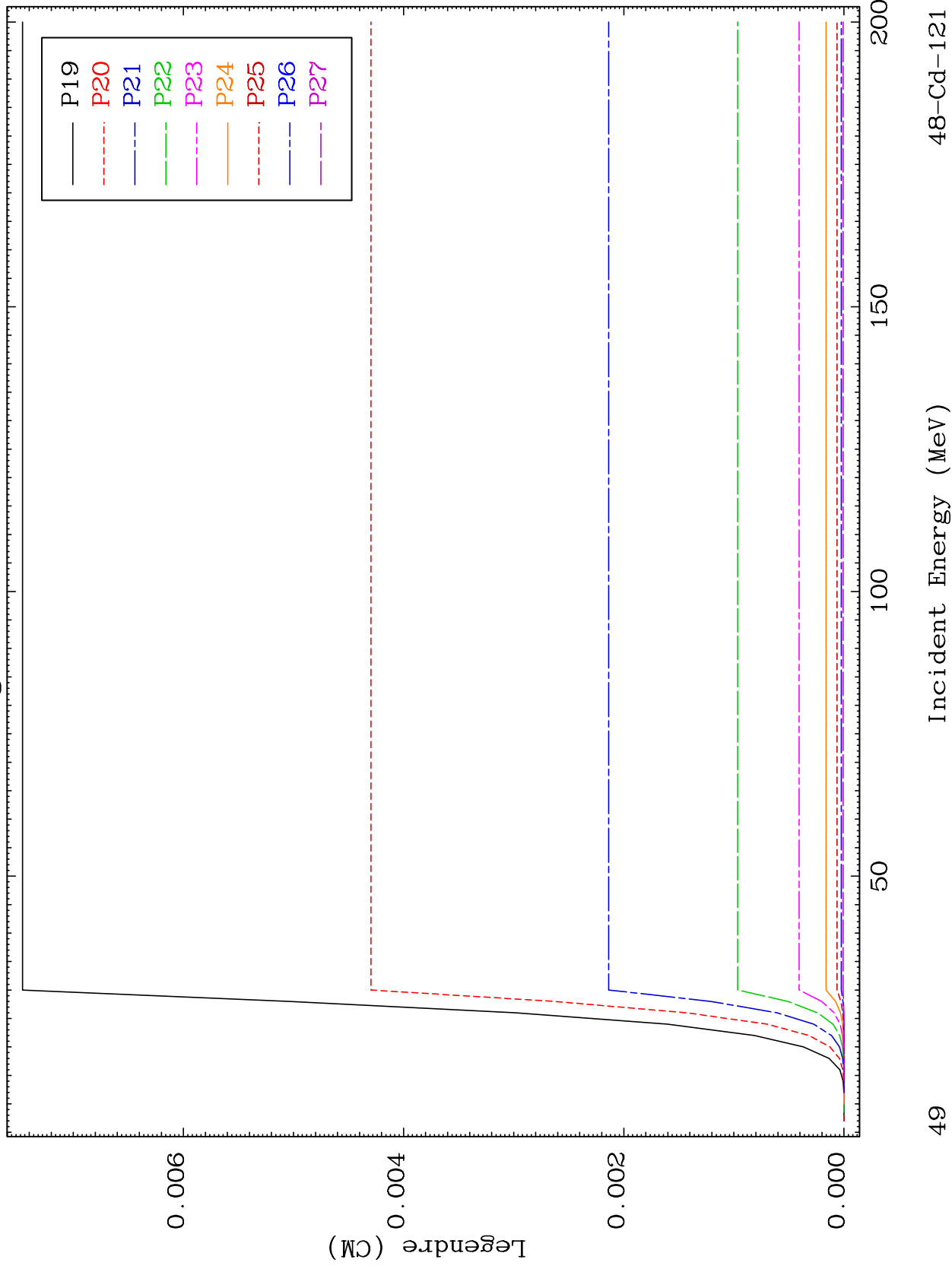




MAT 4870

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

48-Cd-121



49

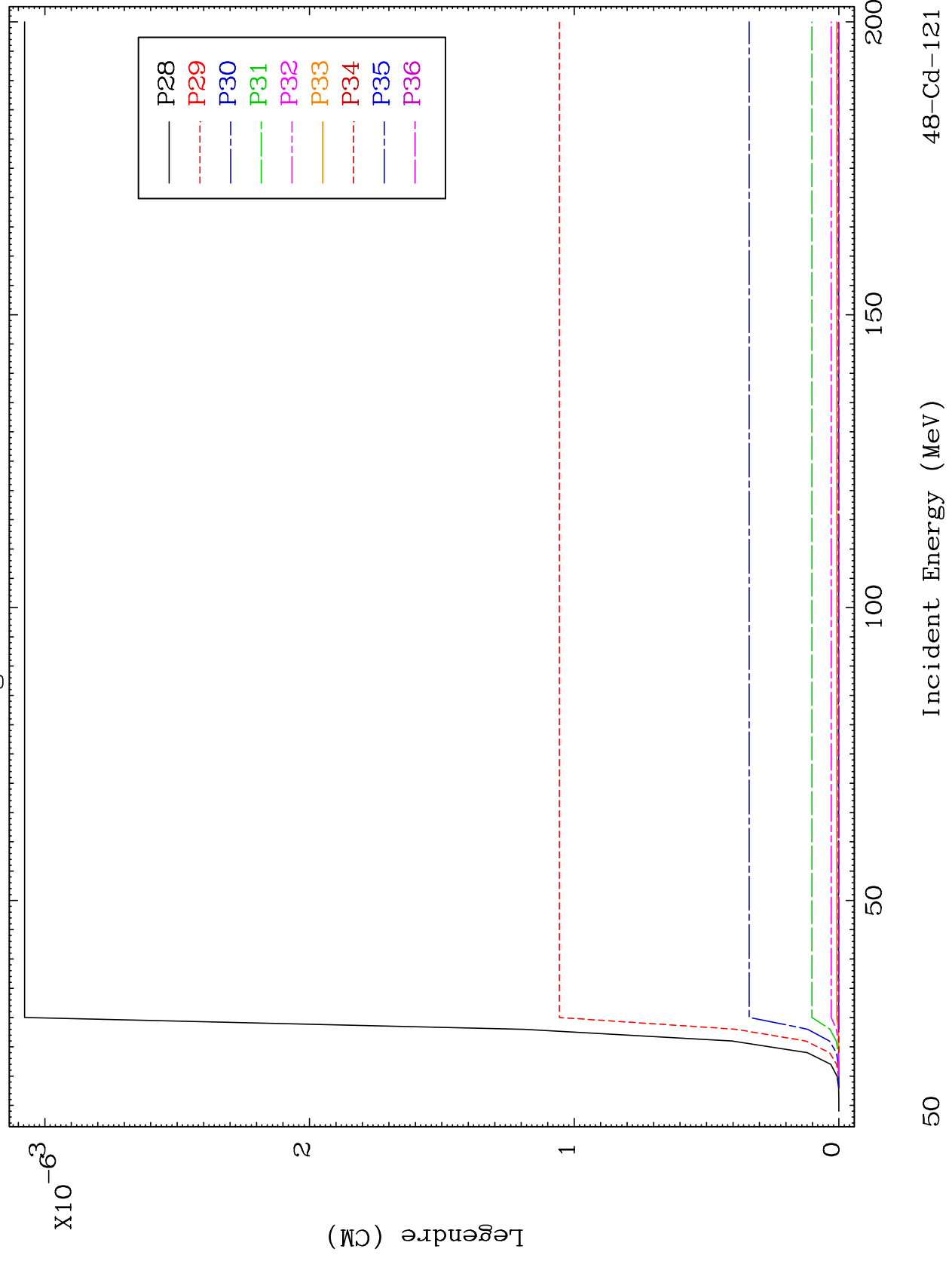
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

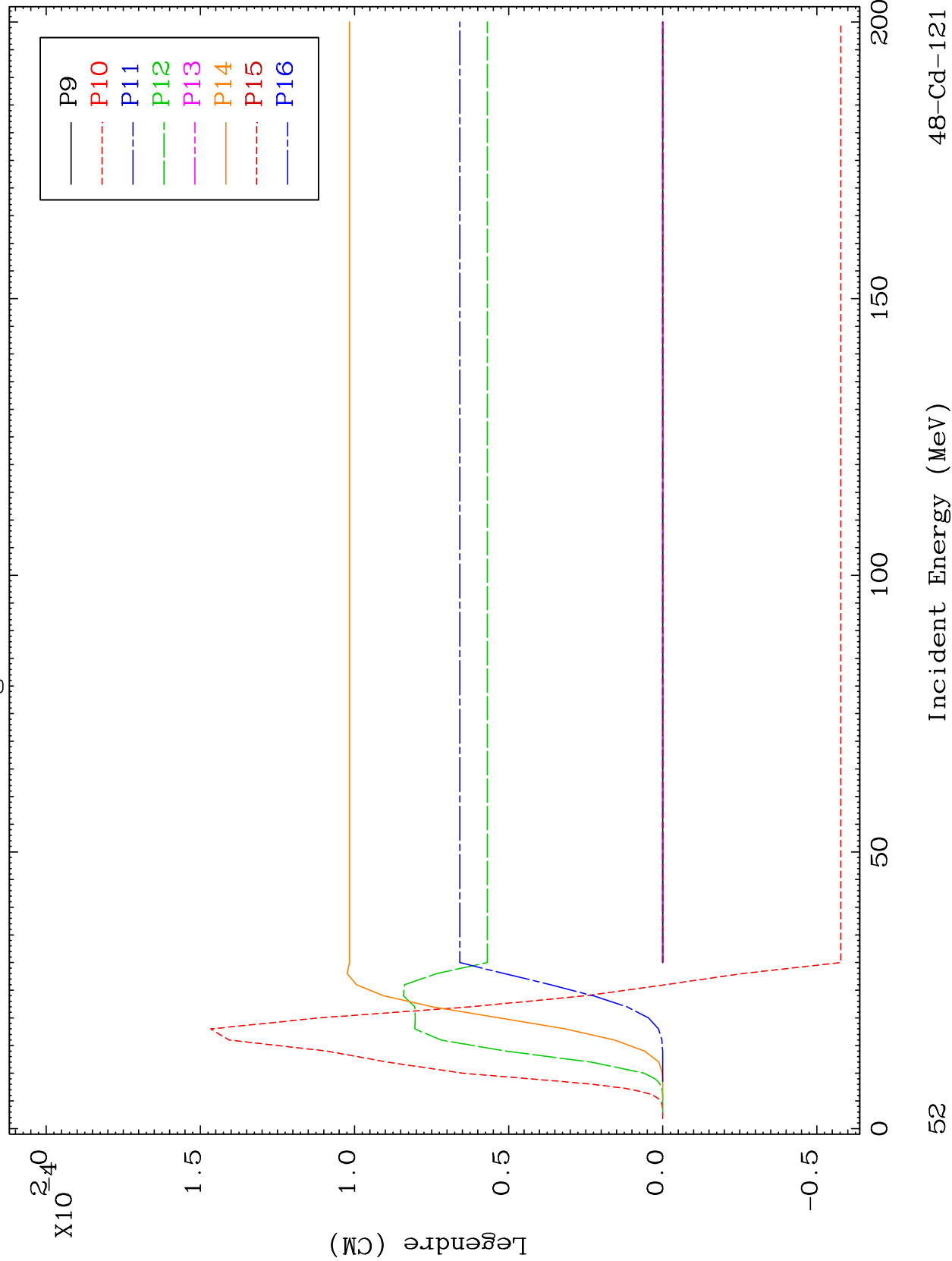
48-Cd-121



MAT 4870

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

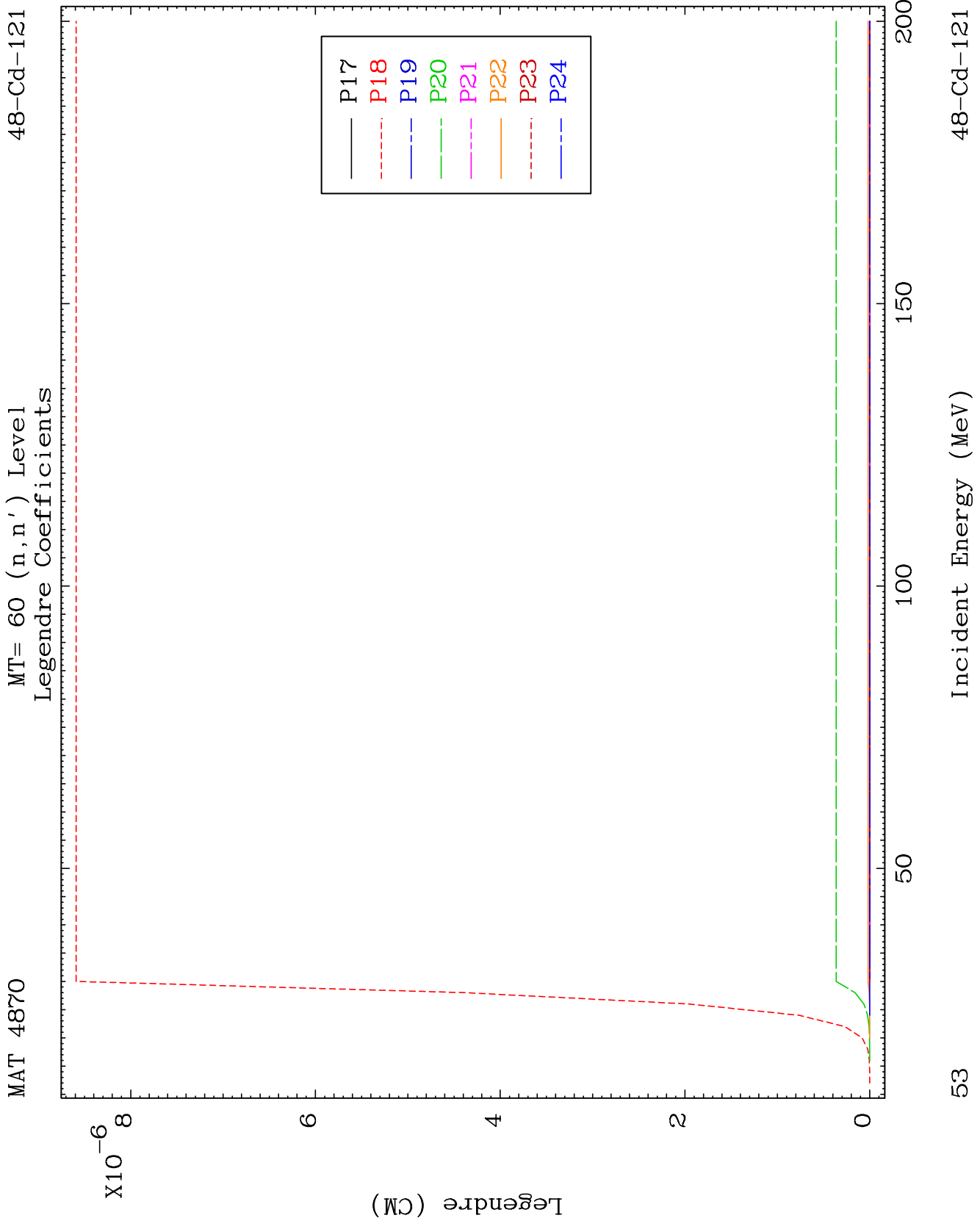
48-Cd-121



52

Incident Energy (MeV)

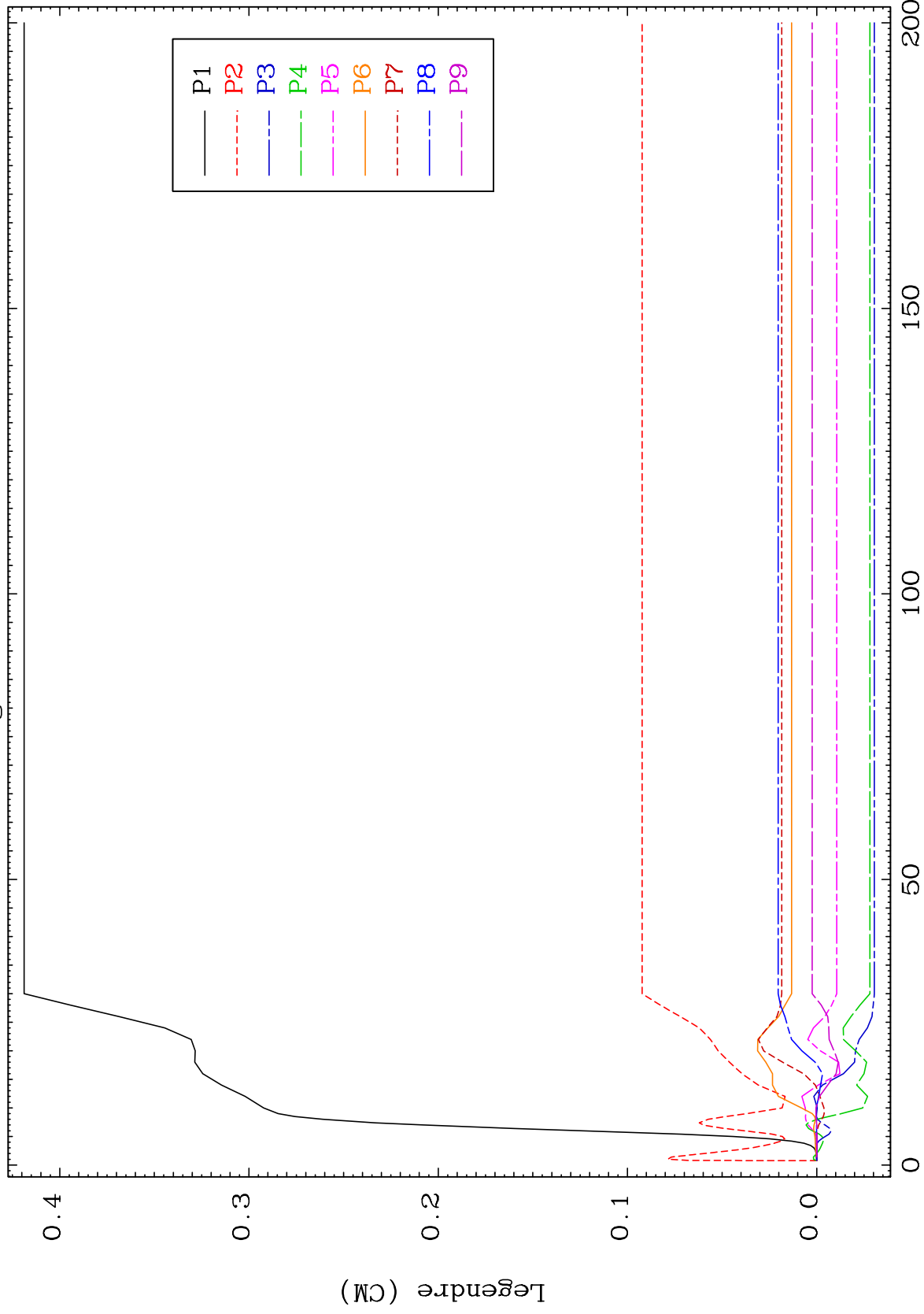
48-Cd-121



MAT 4870

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

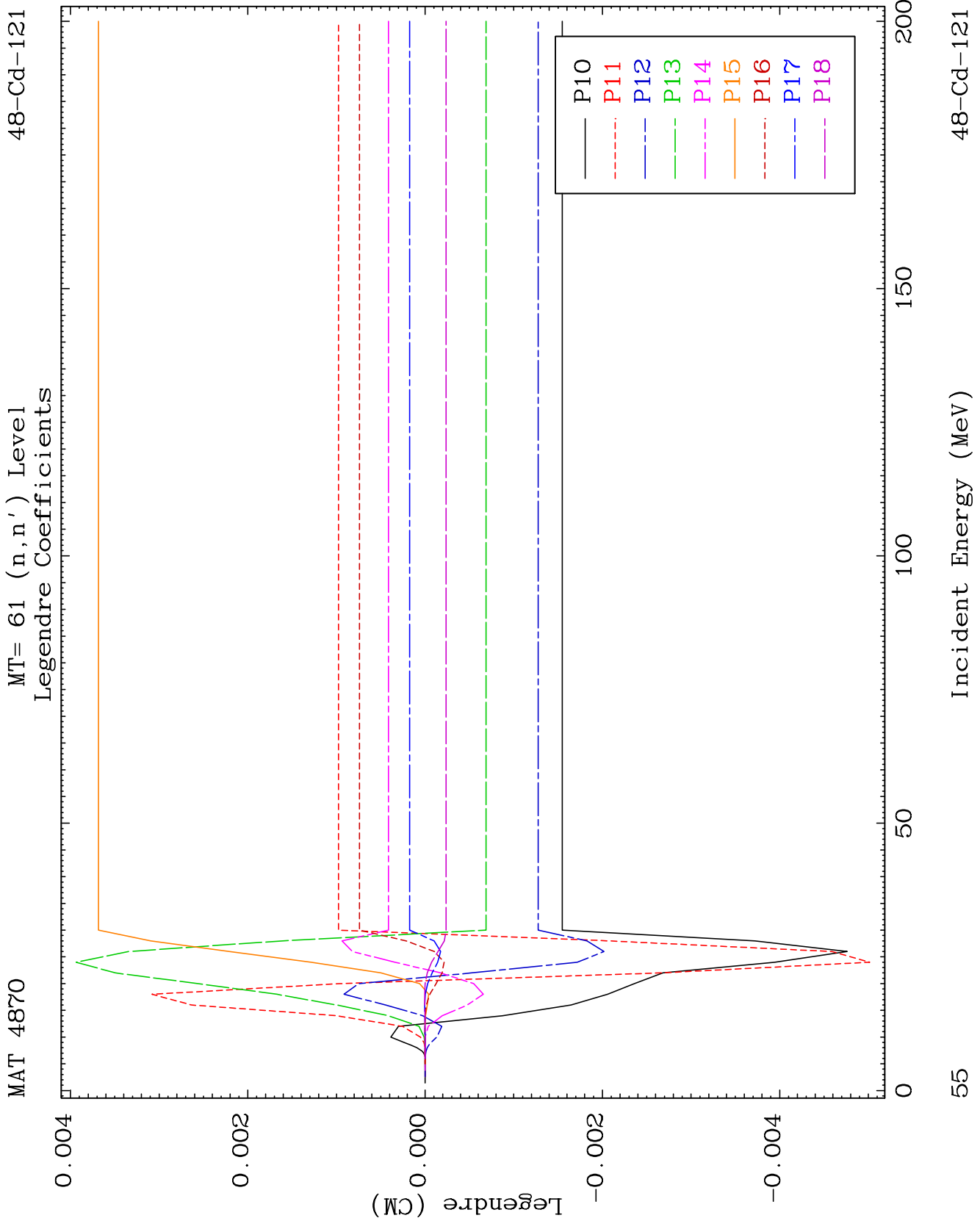
48-Cd-121



54

Incident Energy (MeV)

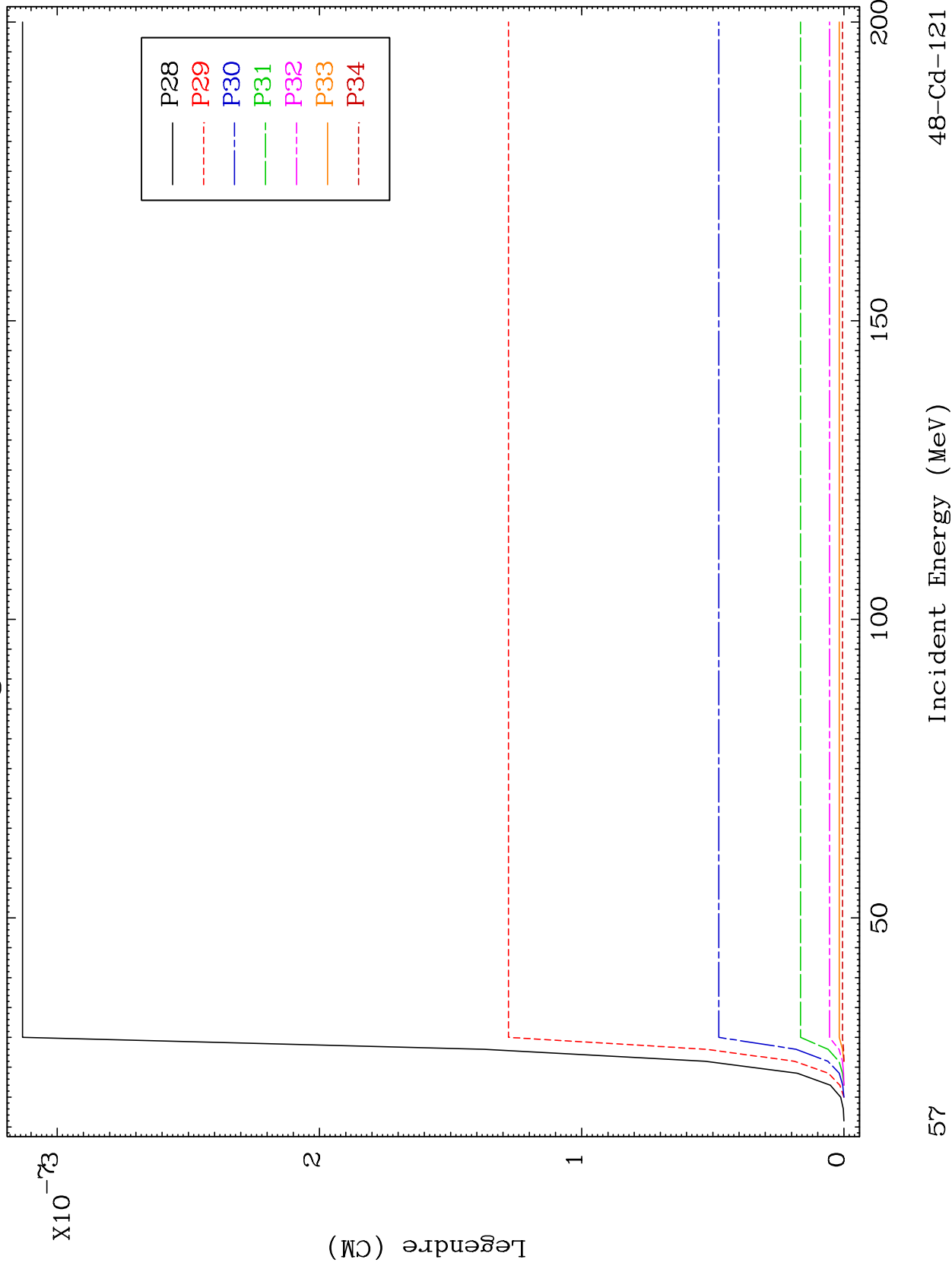
48-Cd-121



MAT 4870

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

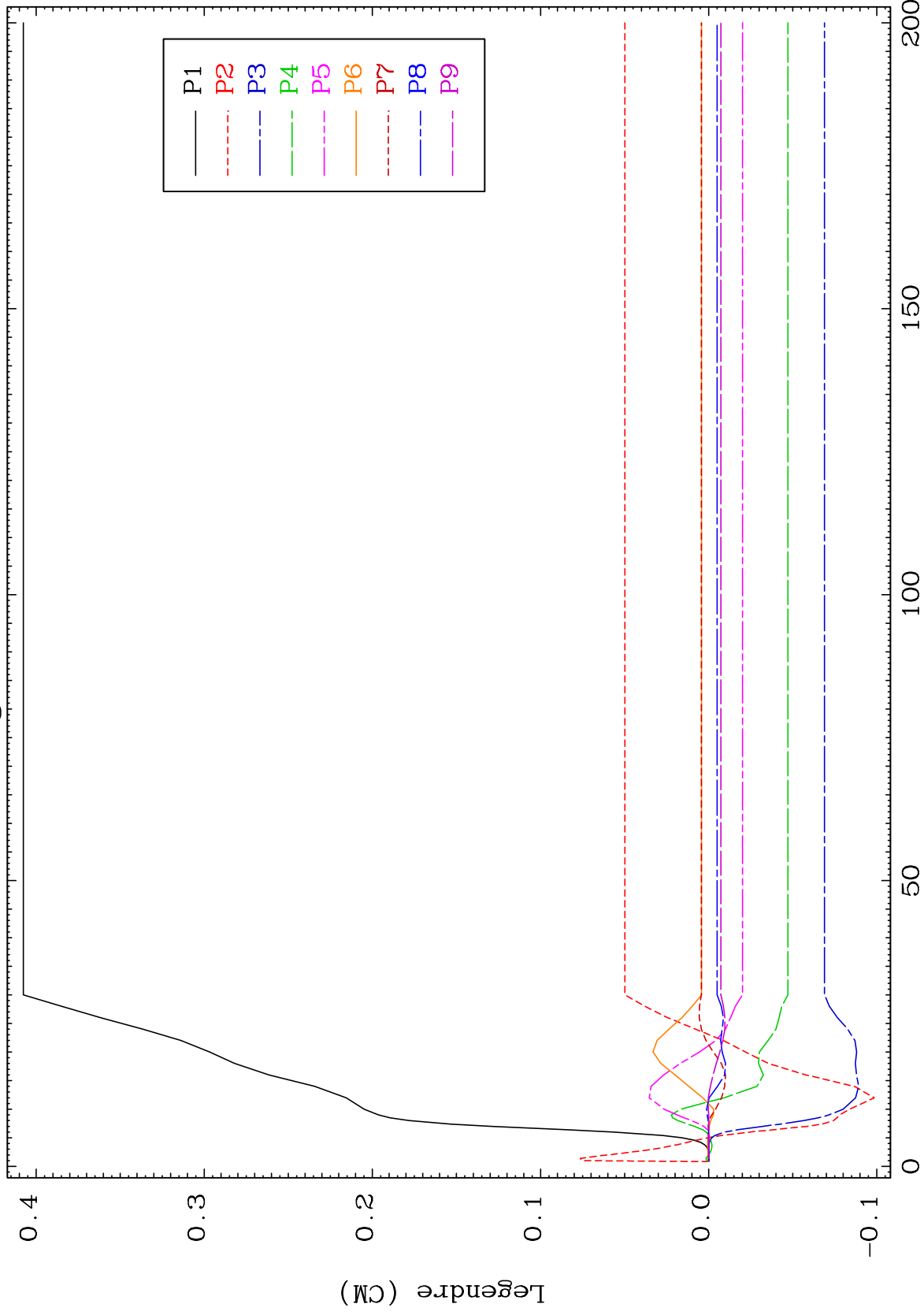
48-Cd-121



MAT 4870

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

48-Cd-121



58

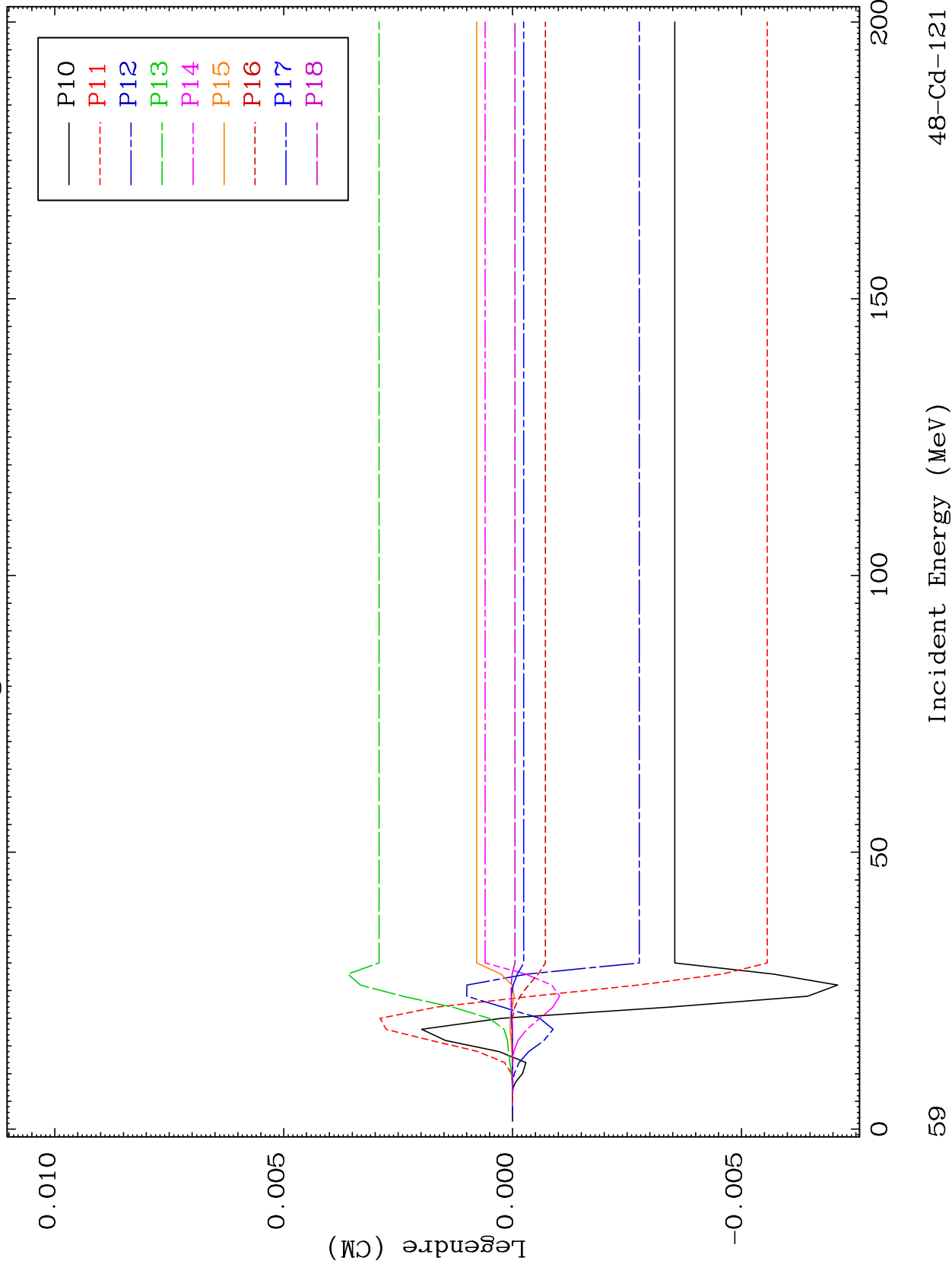
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

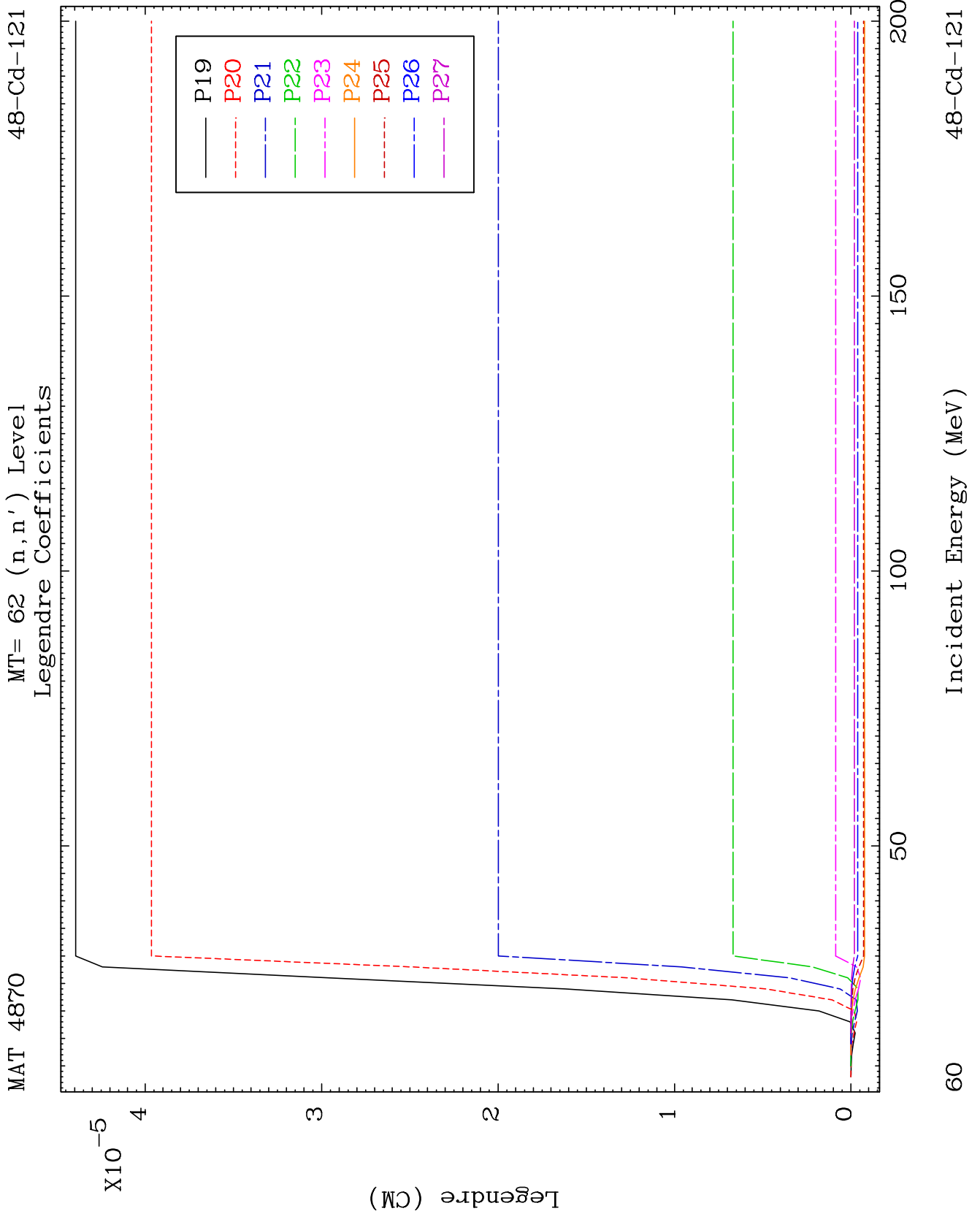
48-Cd-121

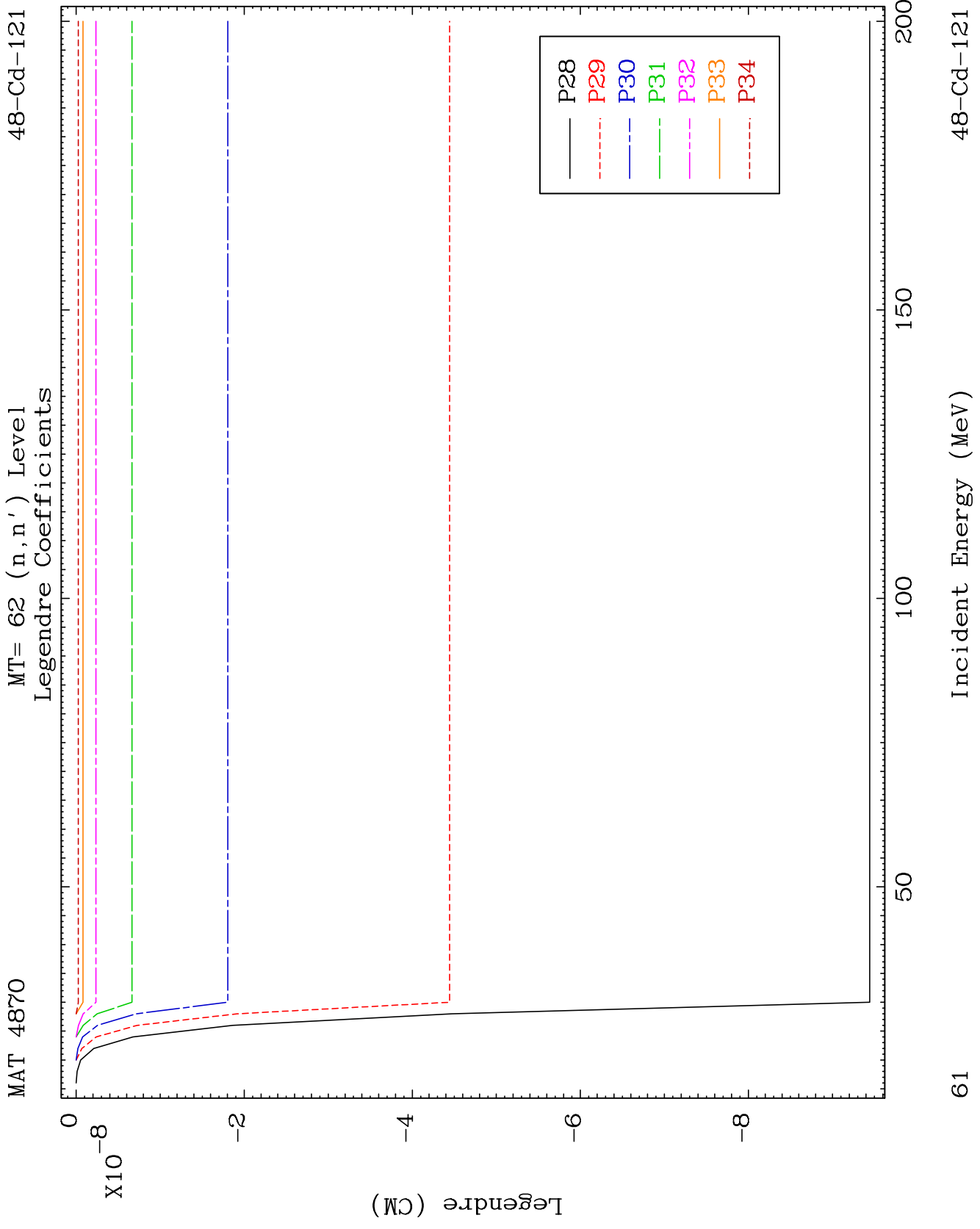


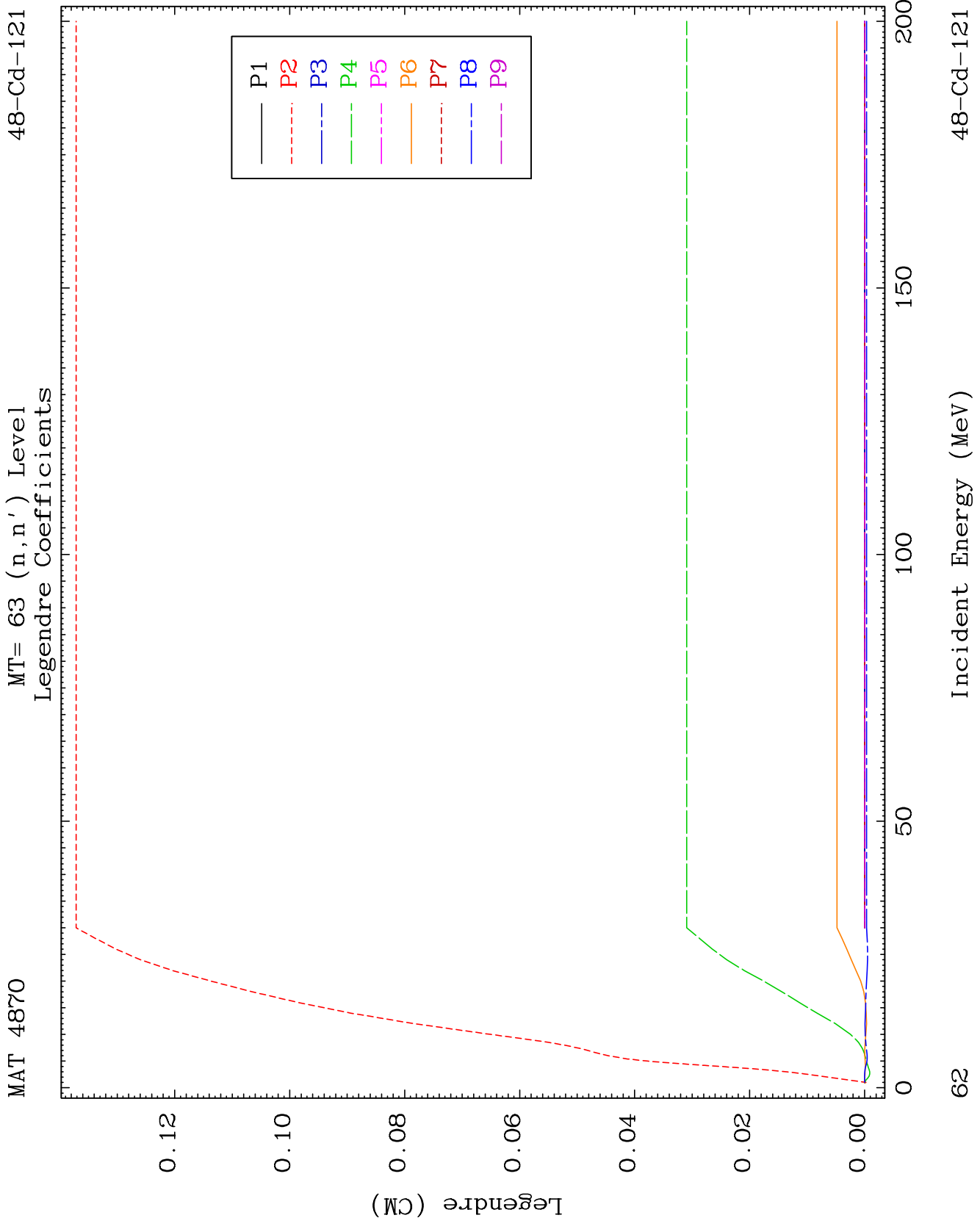
59

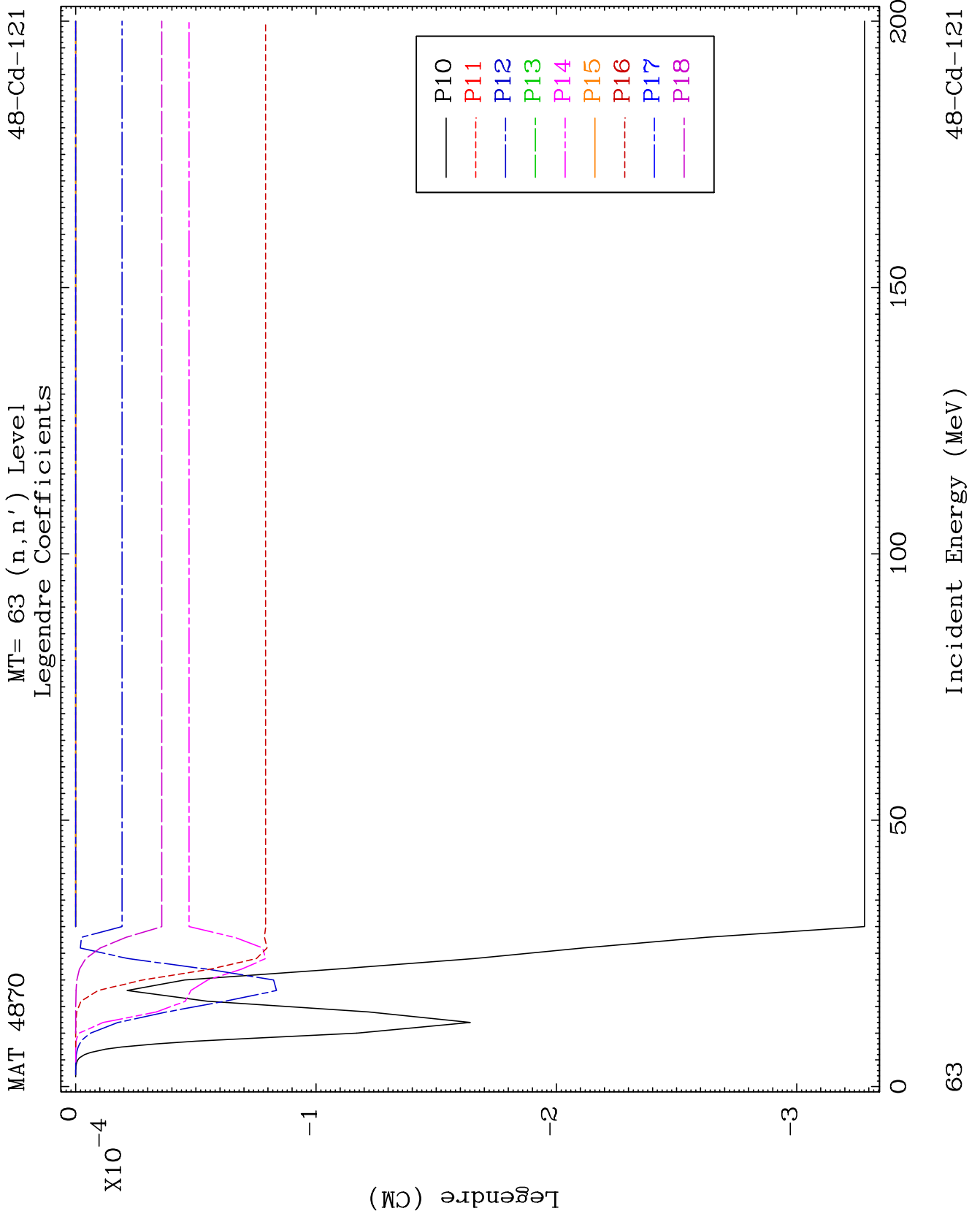
Incident Energy (MeV)

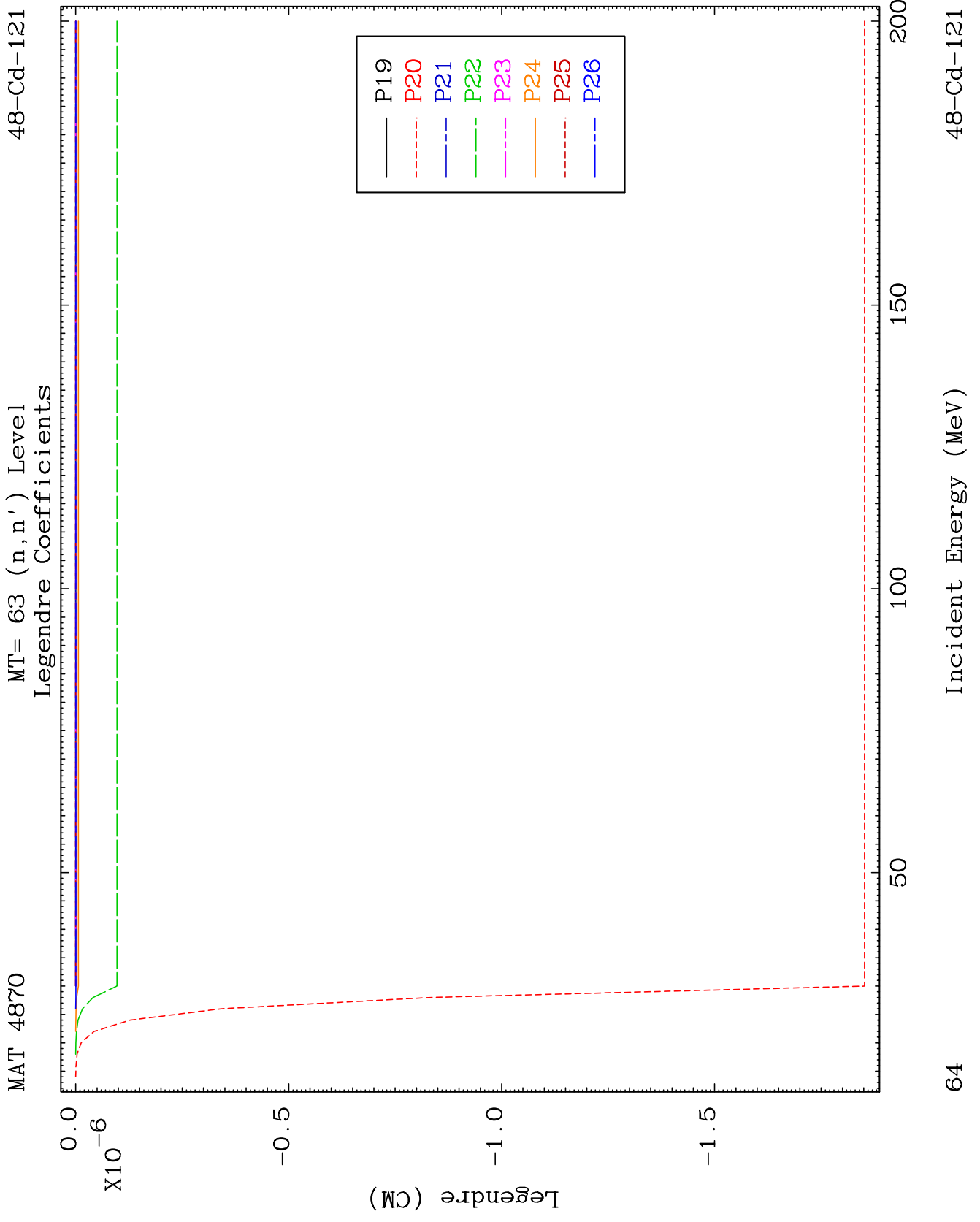
48-Cd-121

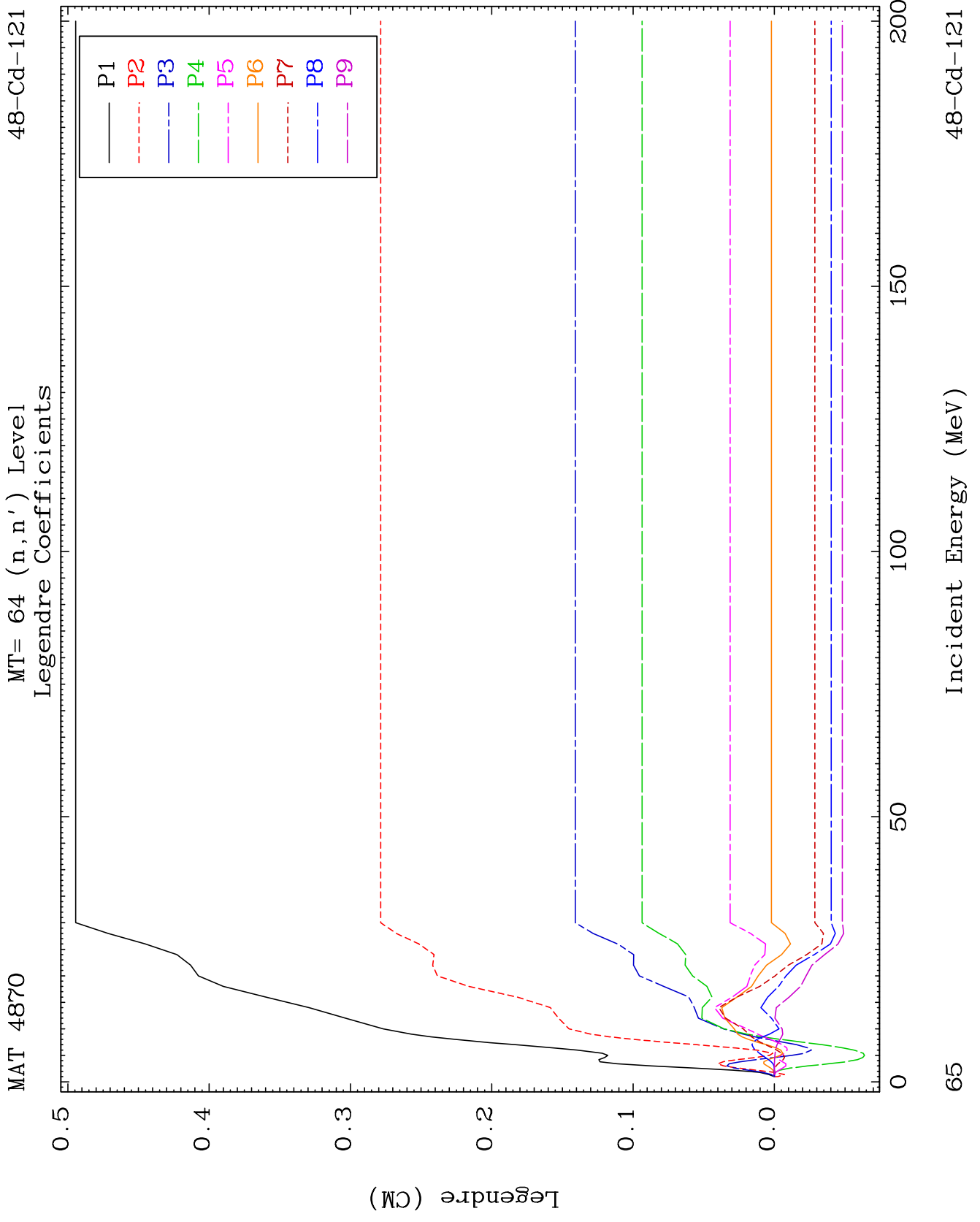








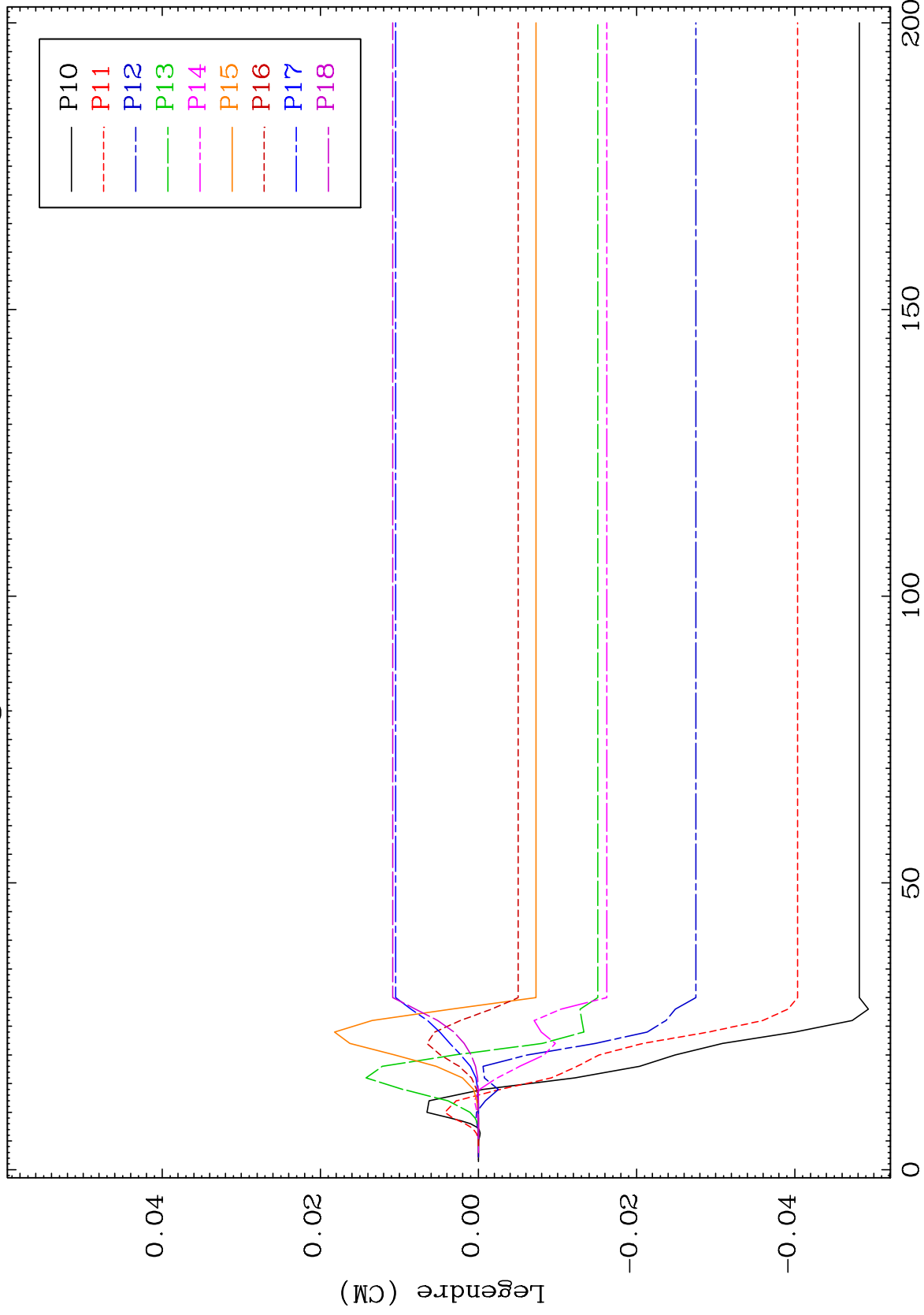




MAT 4870

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

48-Cd-121



66

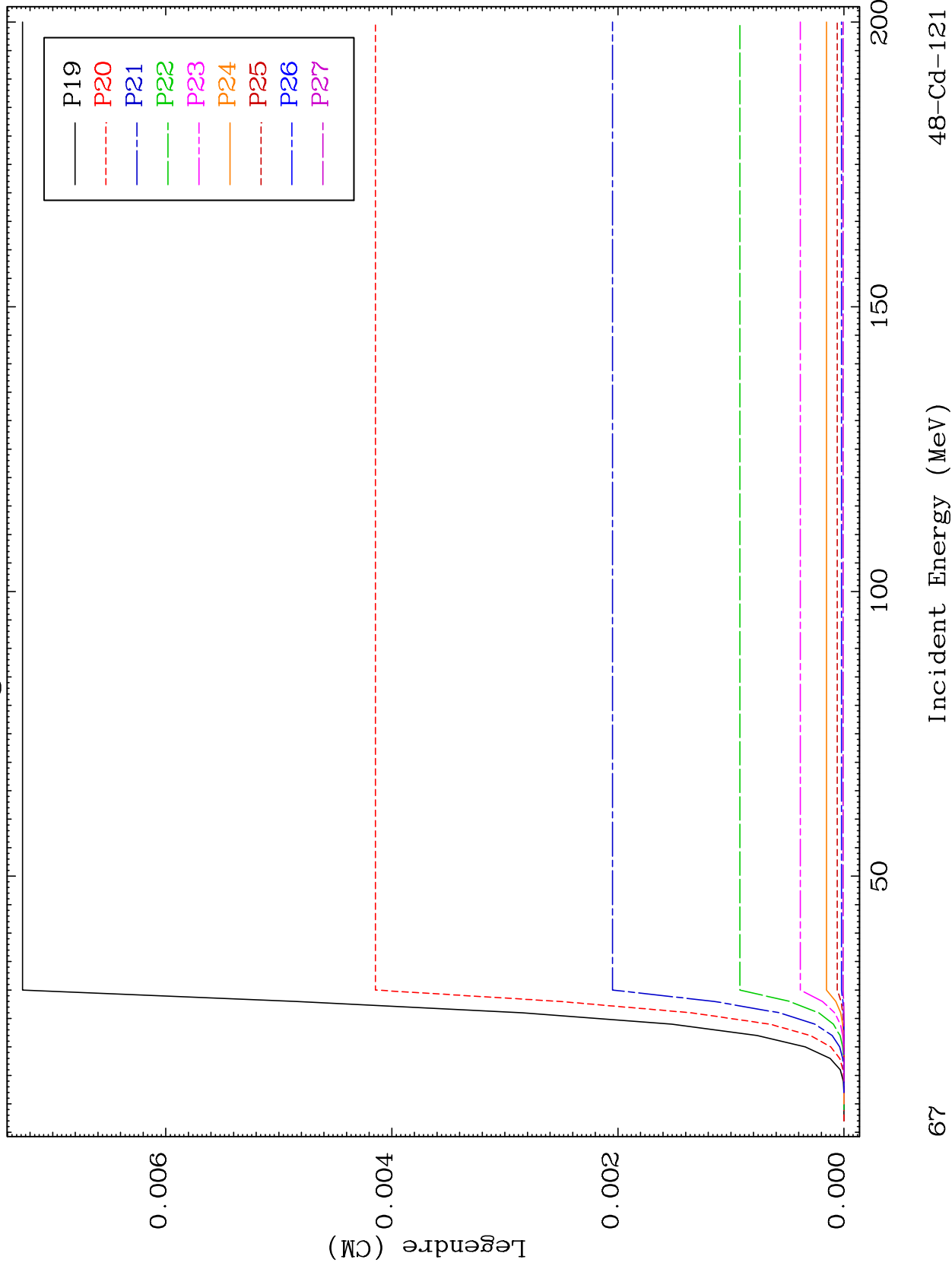
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



67

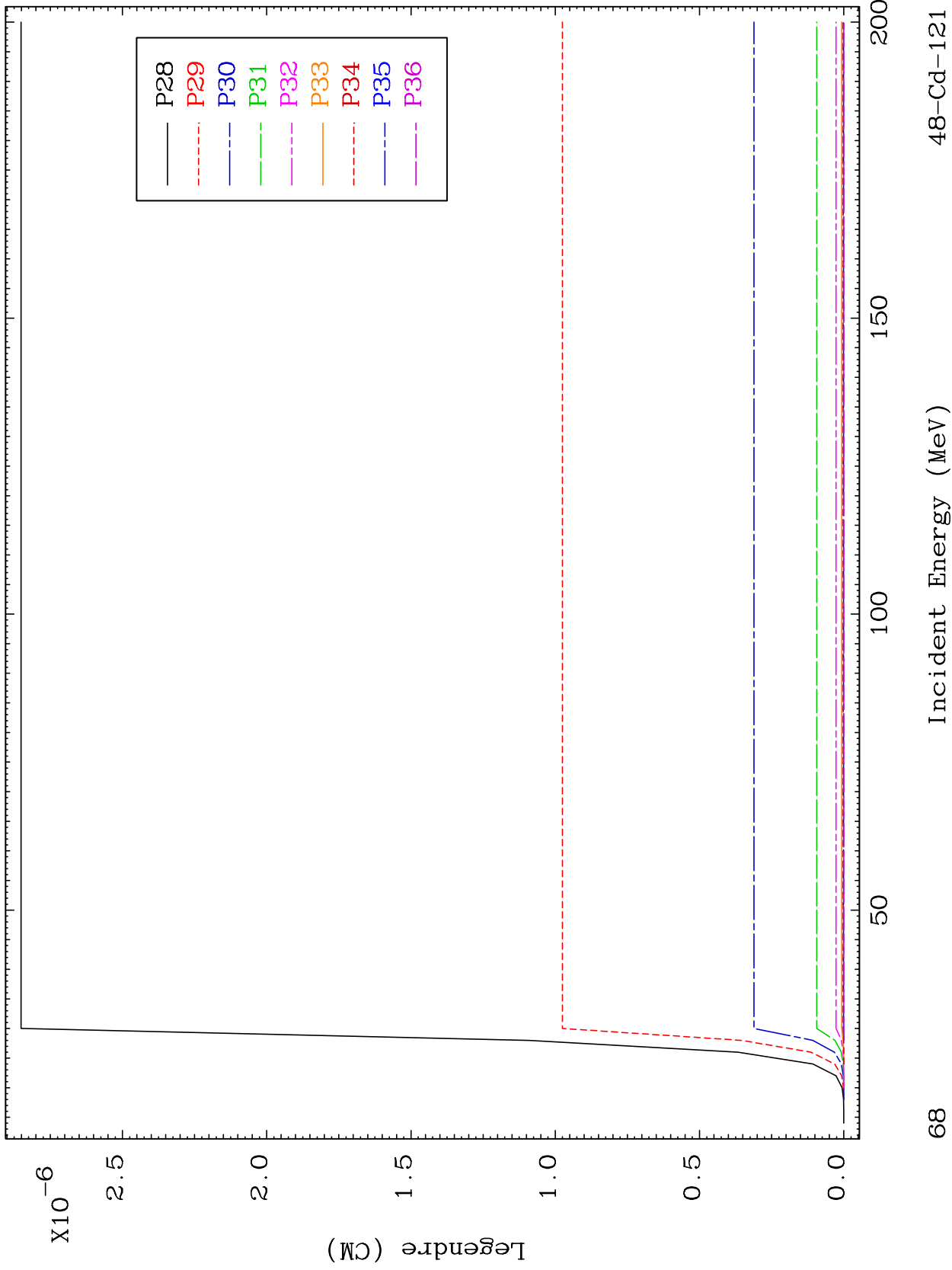
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

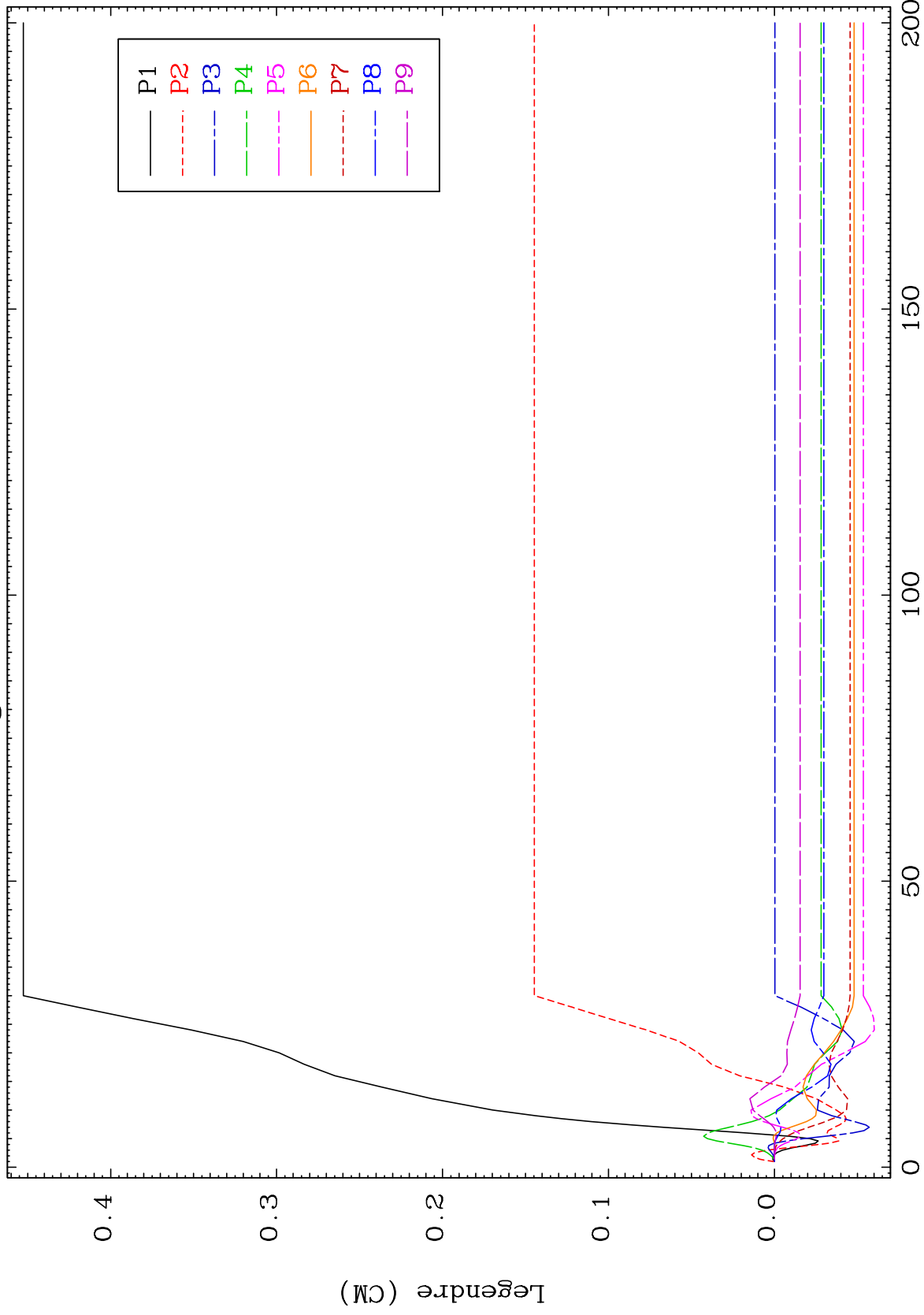
48-Cd-121



MAT 4870

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

48-Cd-121



69

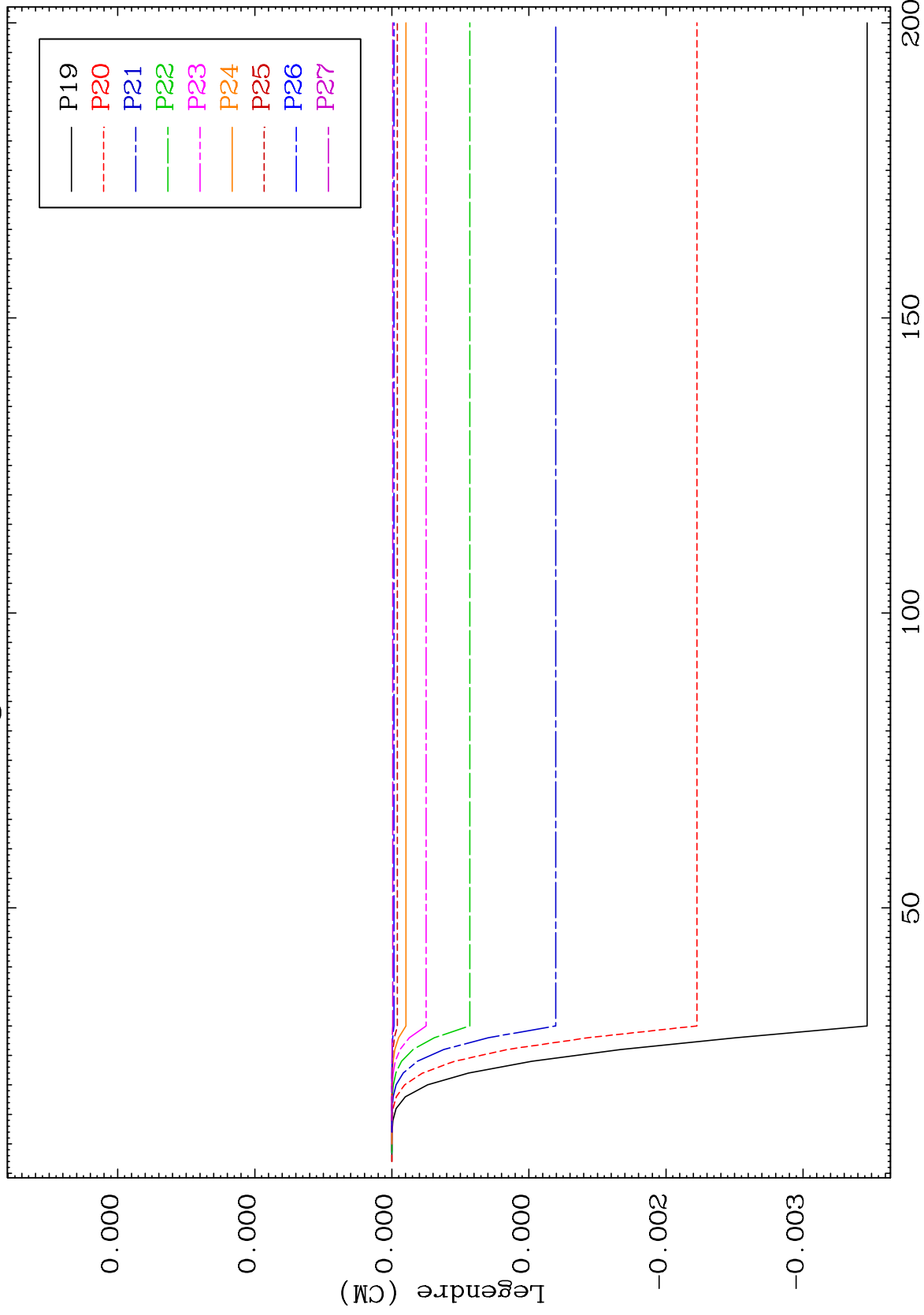
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

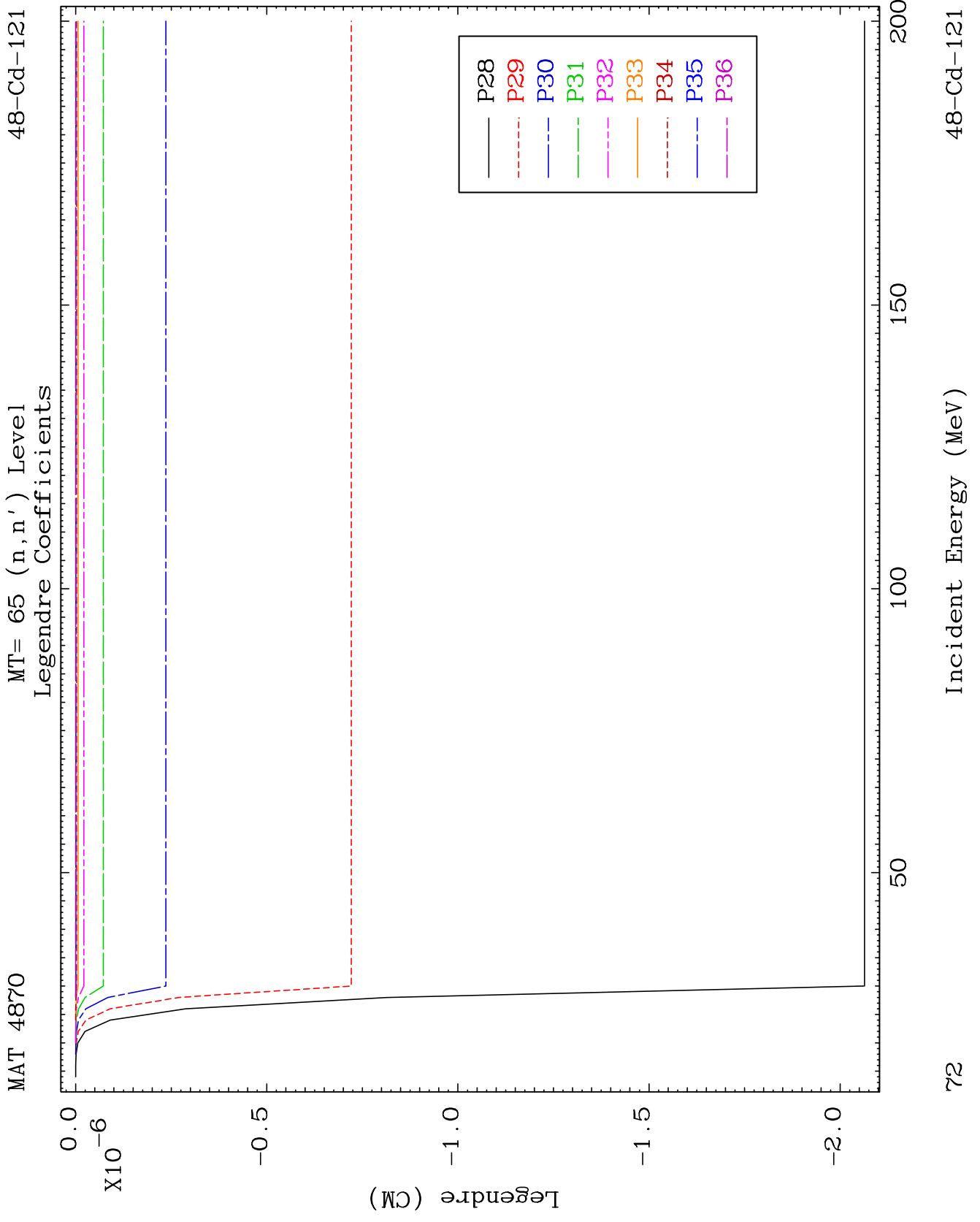
48-Cd-121



71

Incident Energy (MeV)

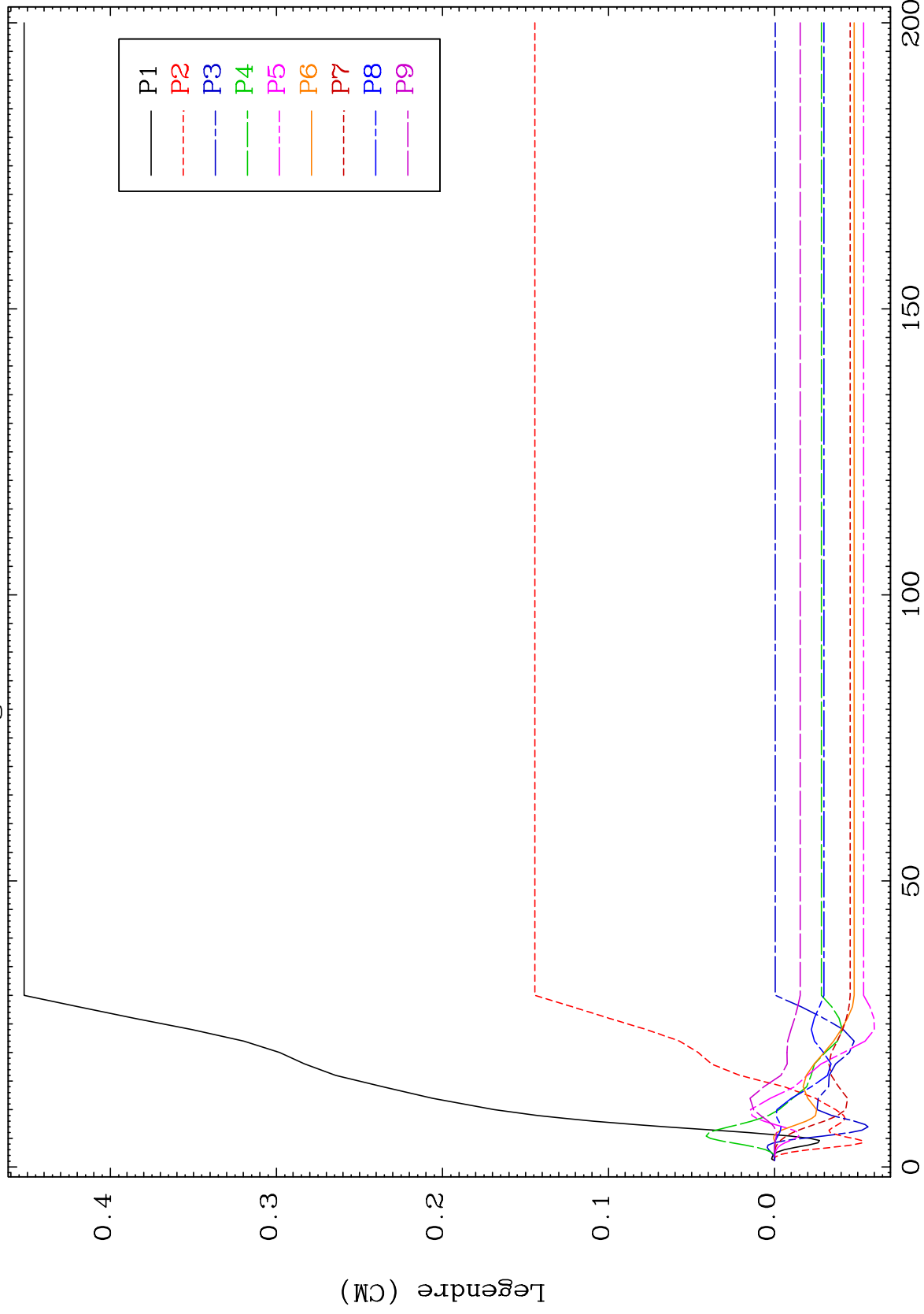
48-Cd-121



MAT 4870

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

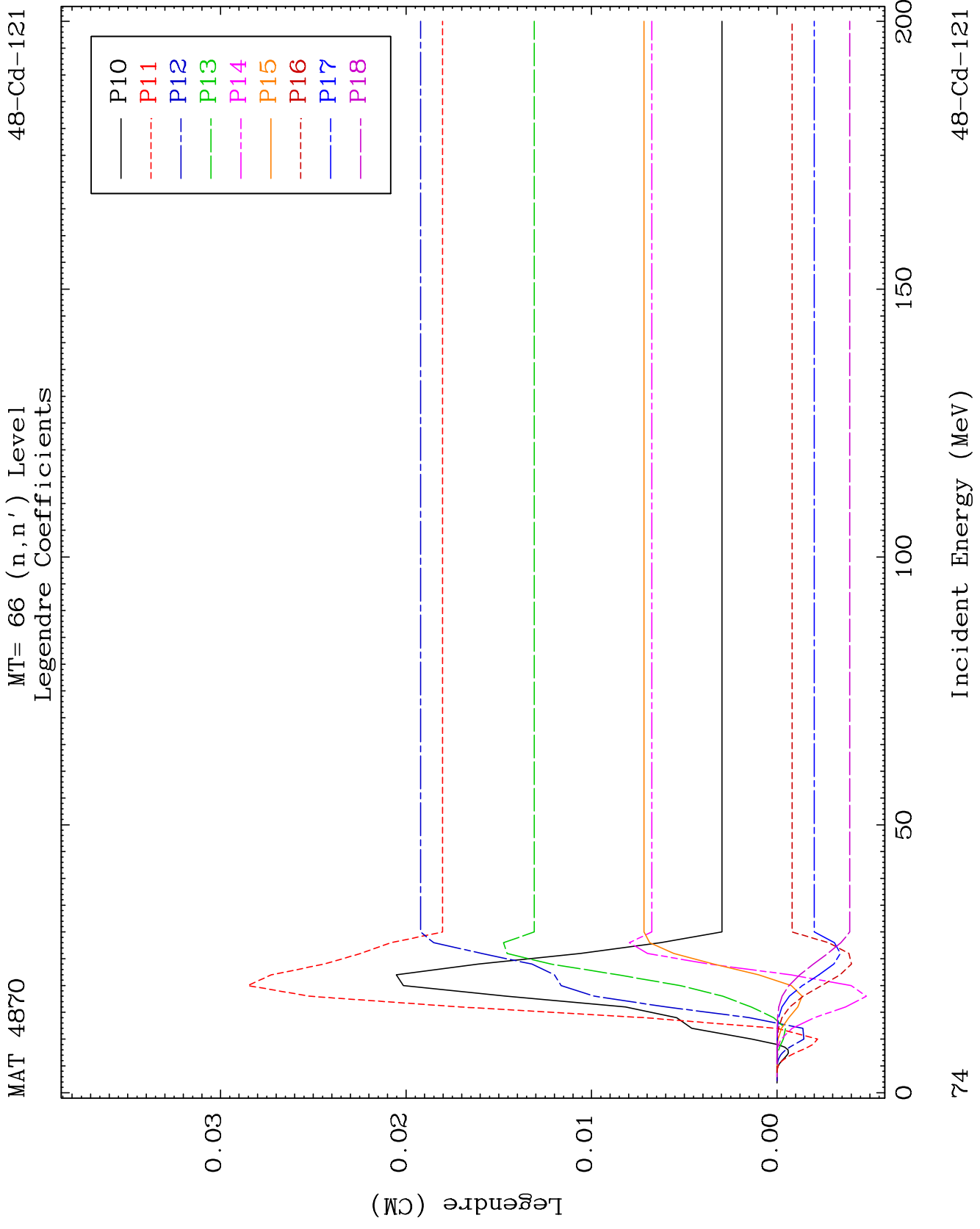
48-Cd-121



73

Incident Energy (MeV)

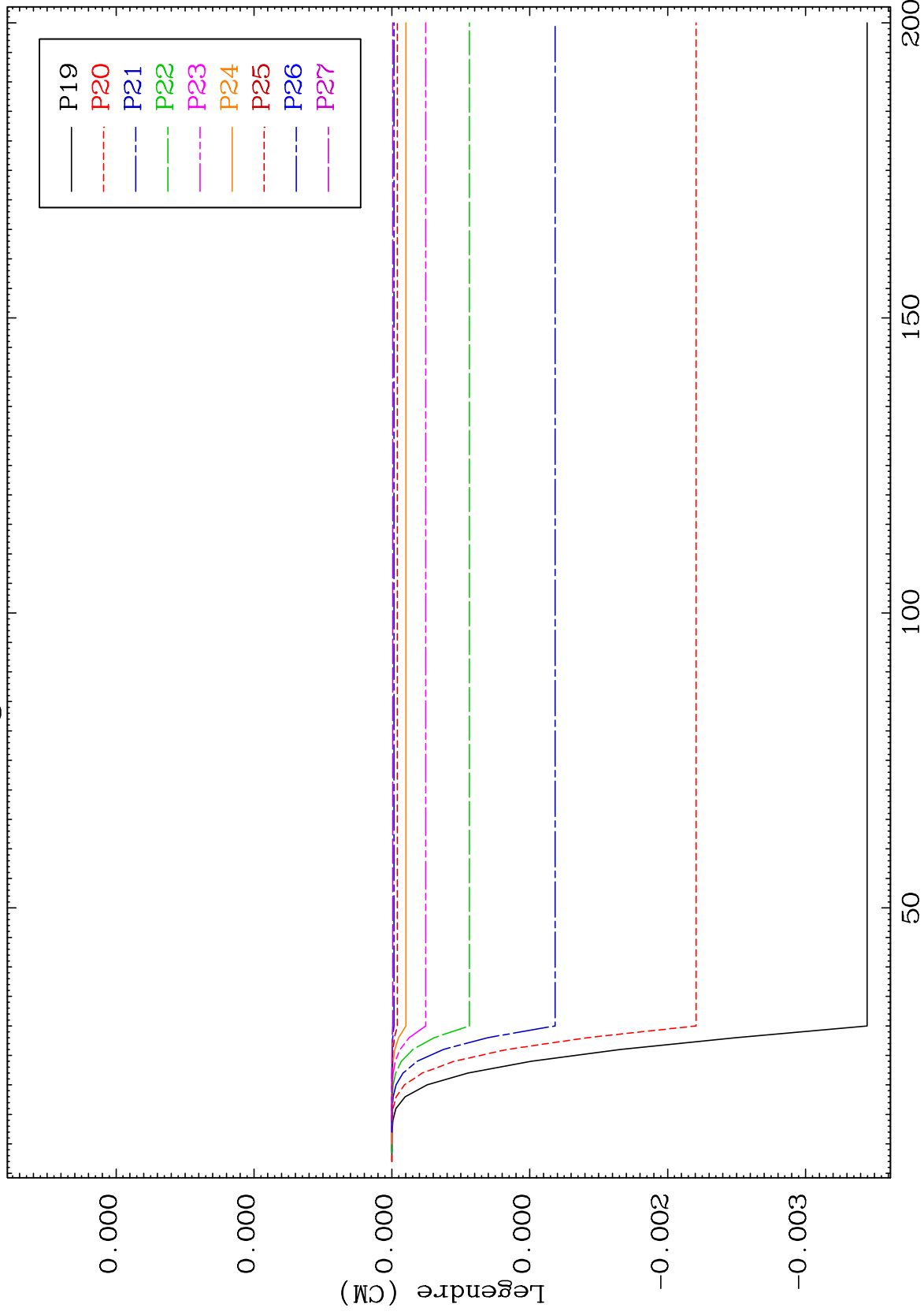
48-Cd-121



MAT 4870

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

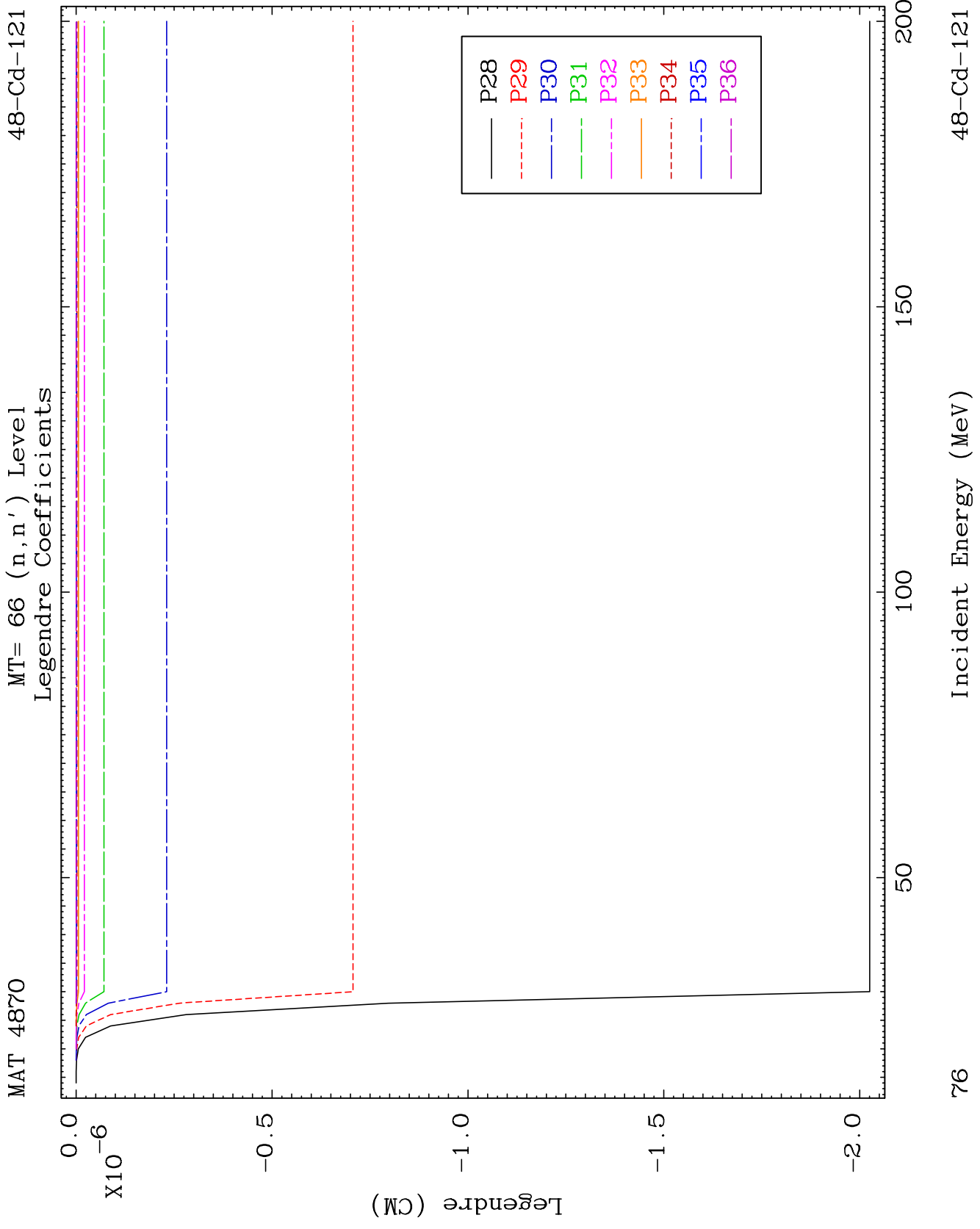
48-Cd-121



75

Incident Energy (MeV)

48-Cd-121

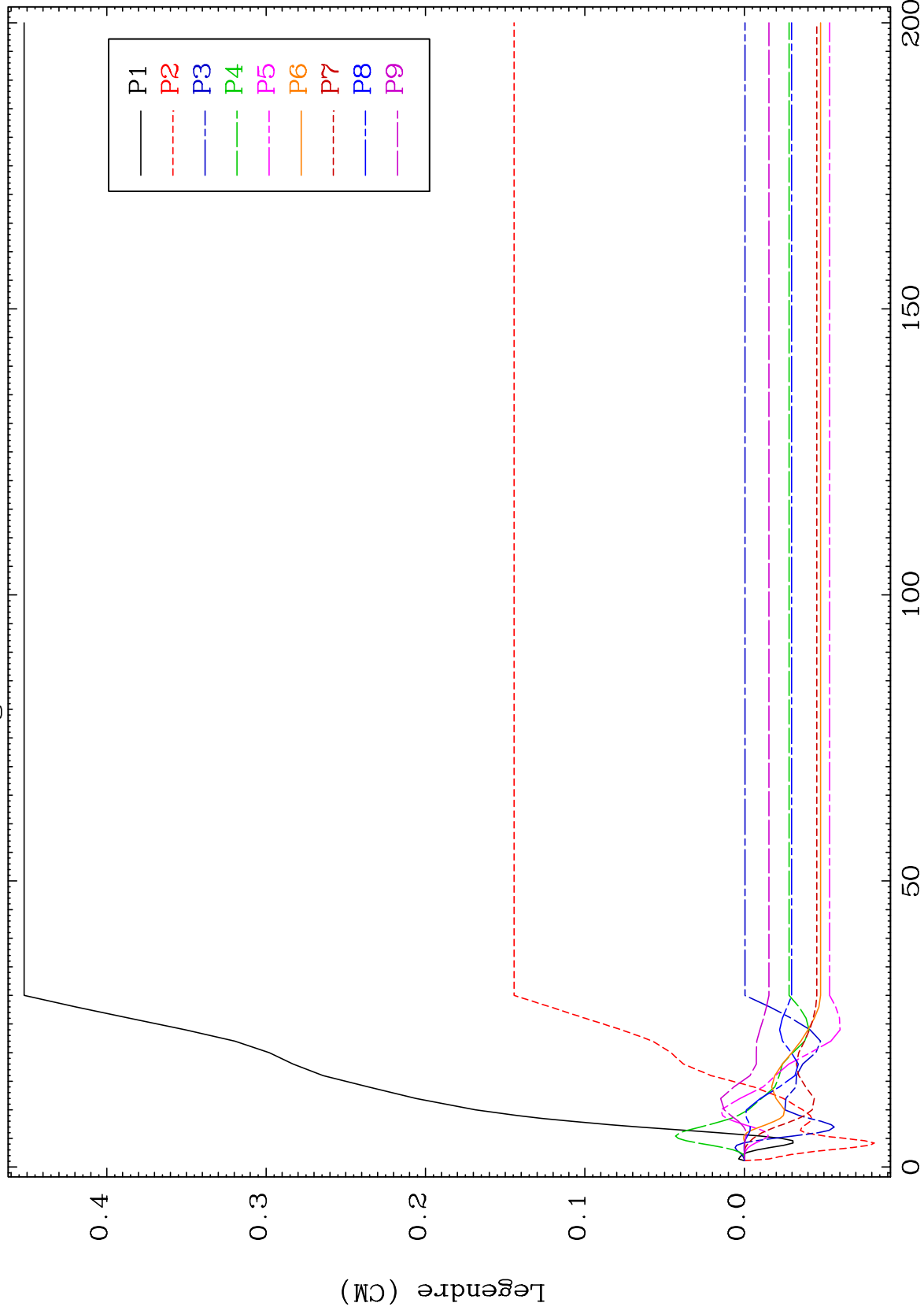


MAT 4870

MT= 67 (n,n') Level

48-Cd-121

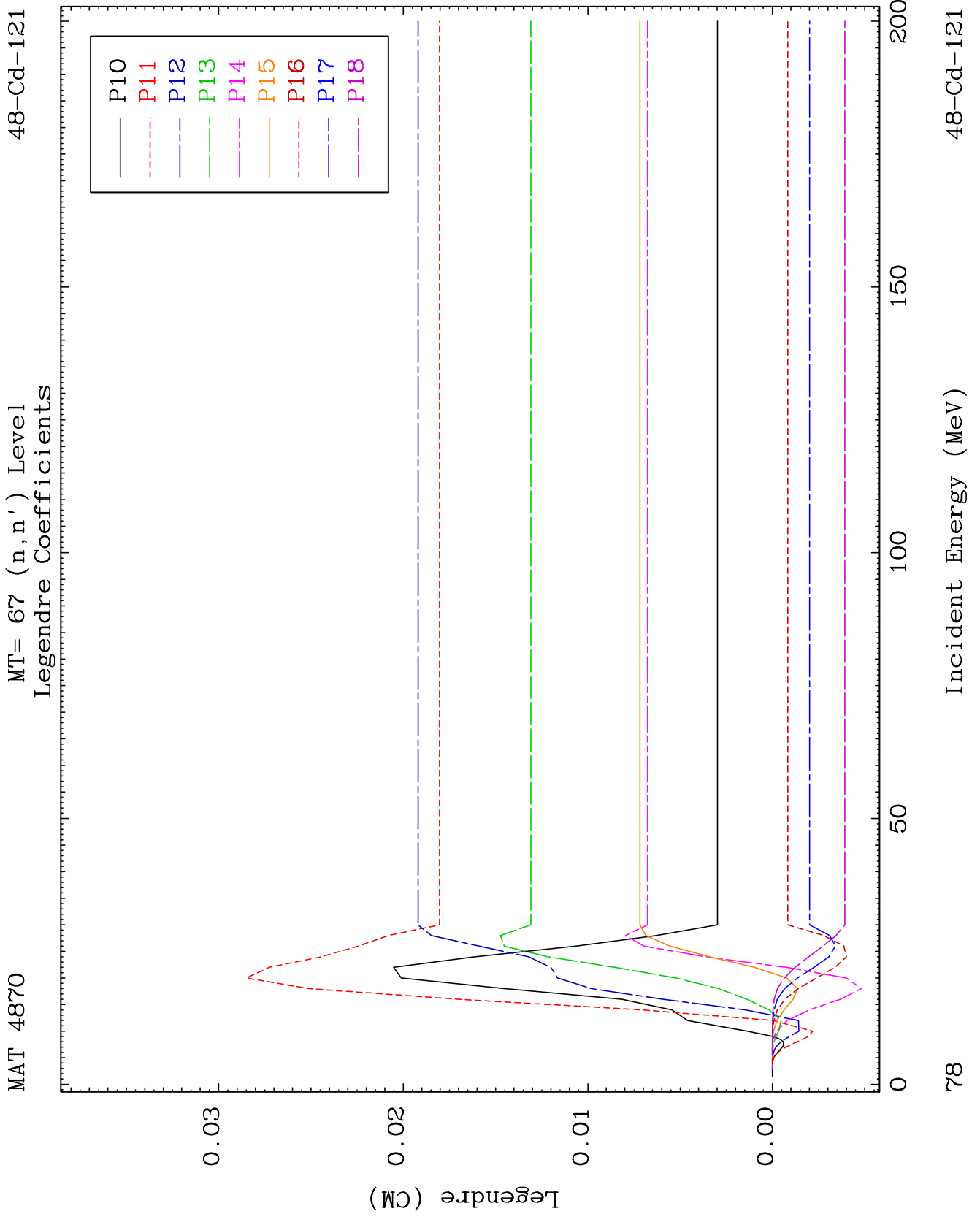
Legendre Coefficients



77

Incident Energy (MeV)

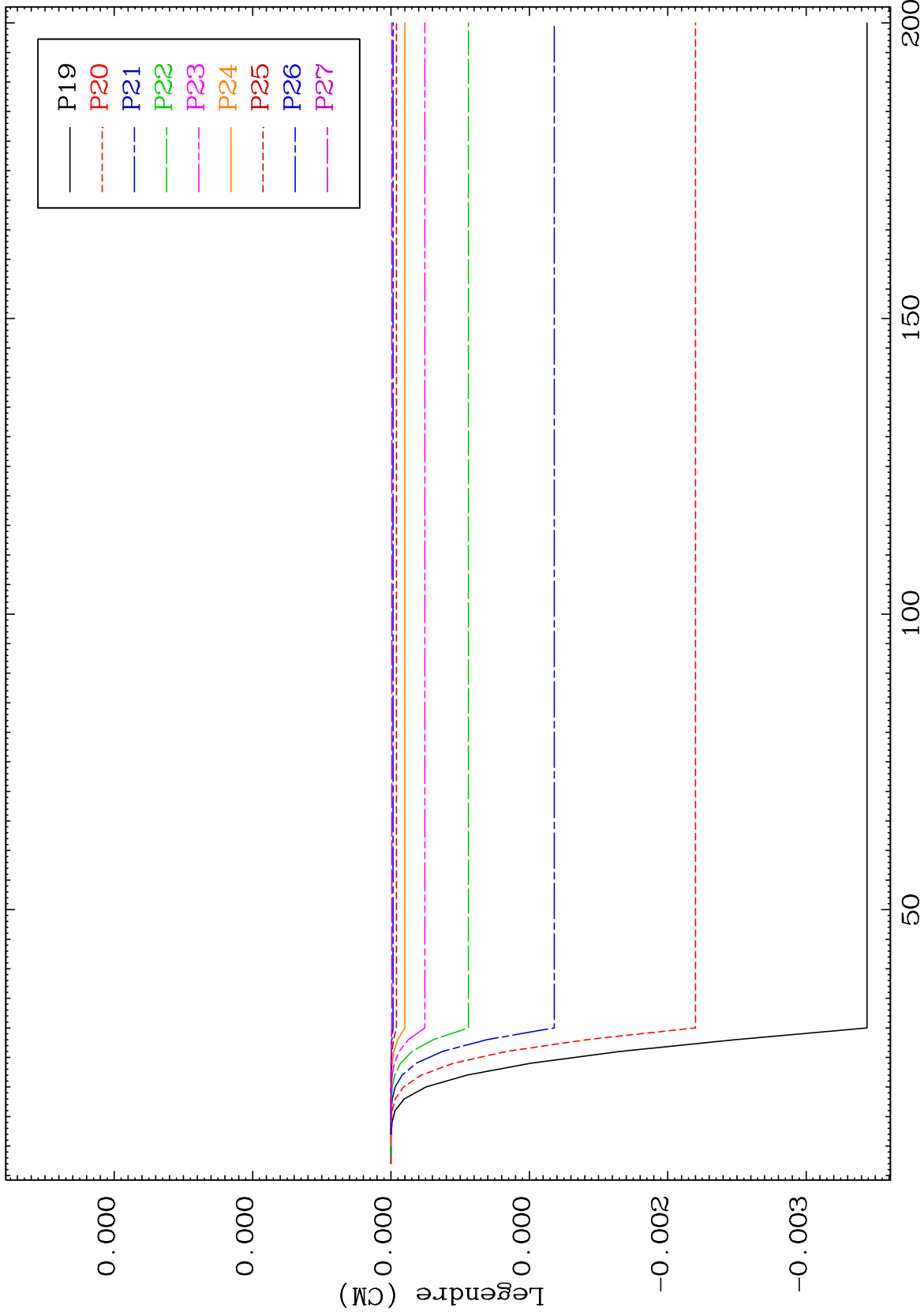
48-Cd-121



MAT 4870

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

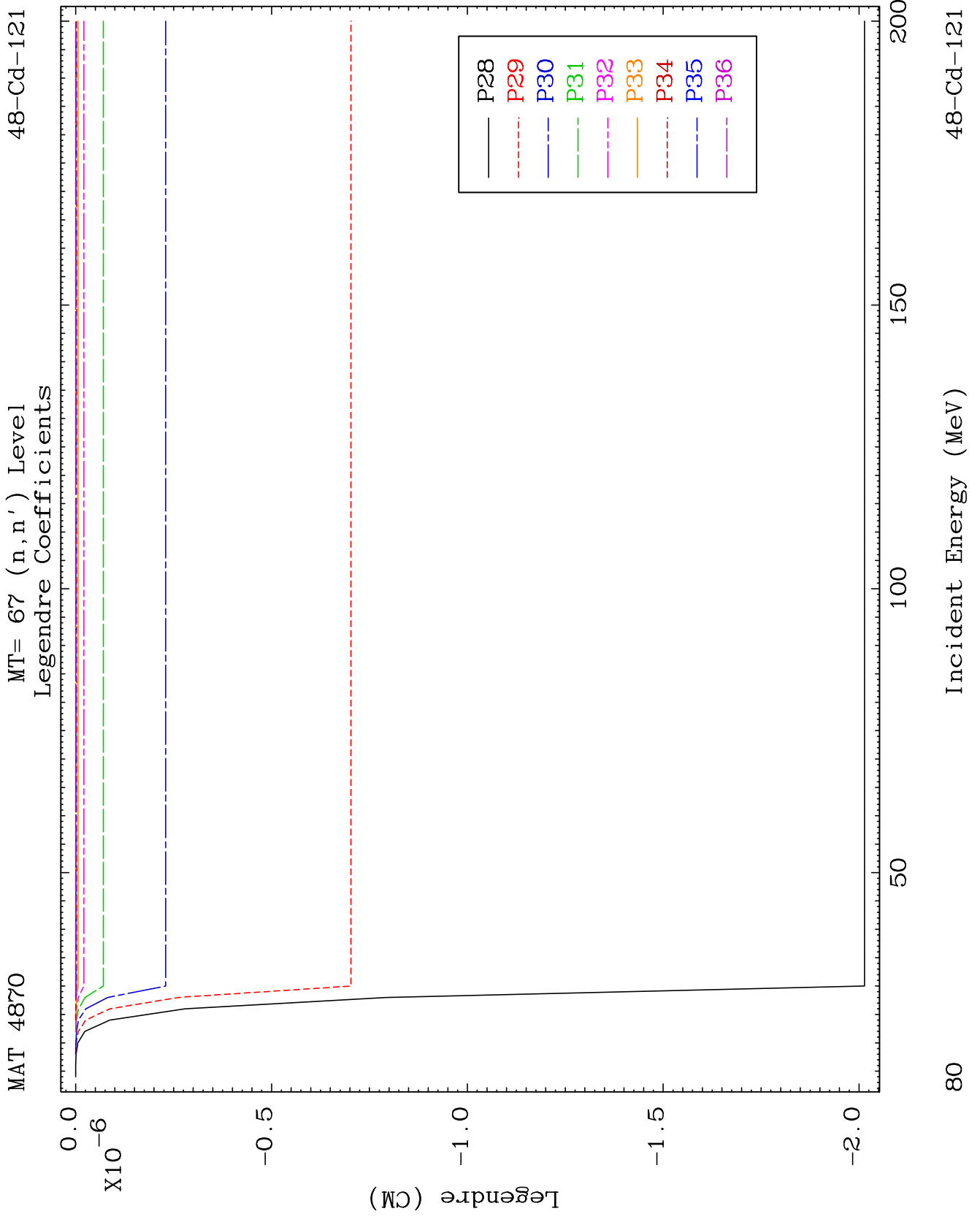
48-Cd-121



79

Incident Energy (MeV)

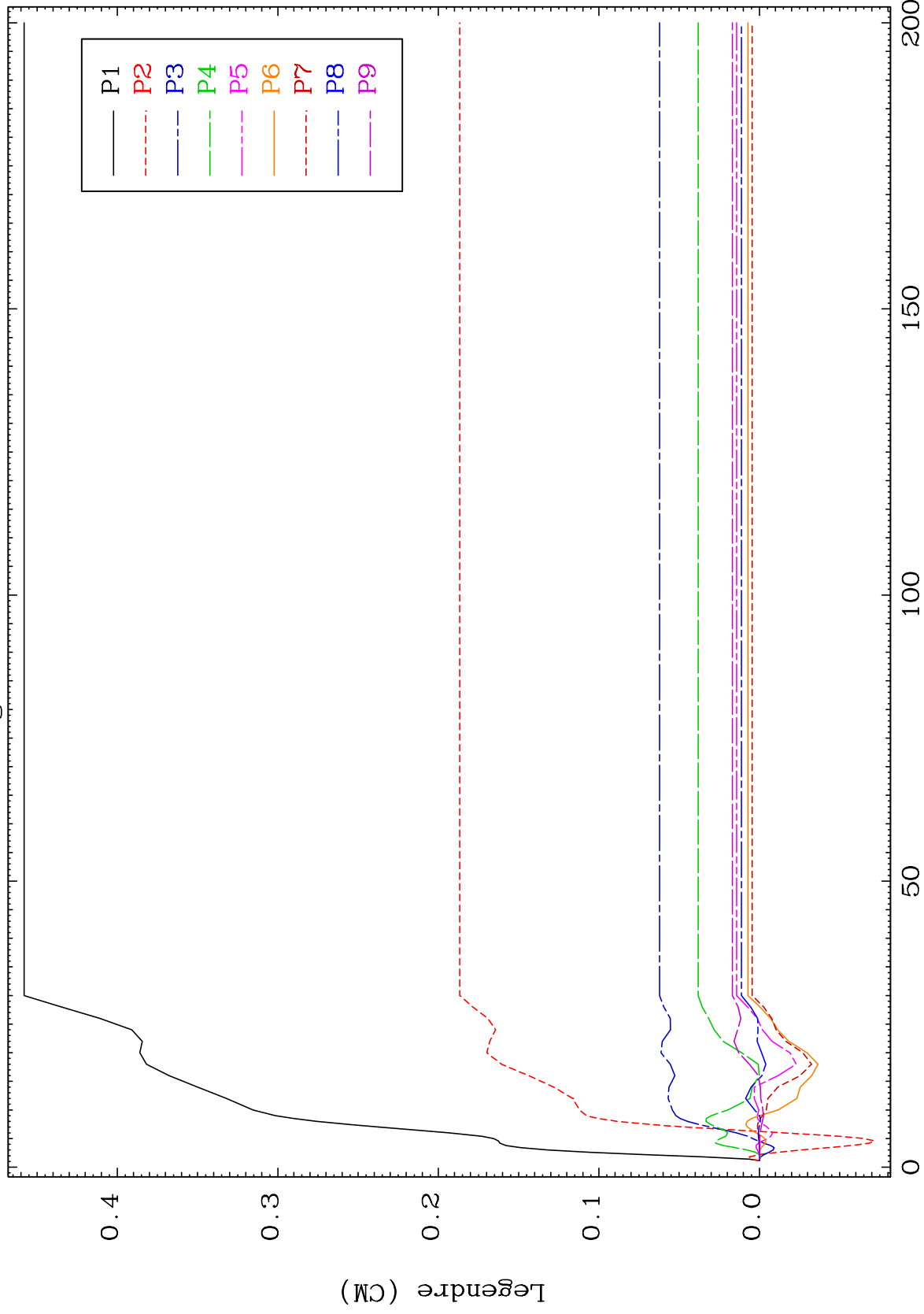
48-Cd-121



MAT 4870

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

48-Cd-121



81

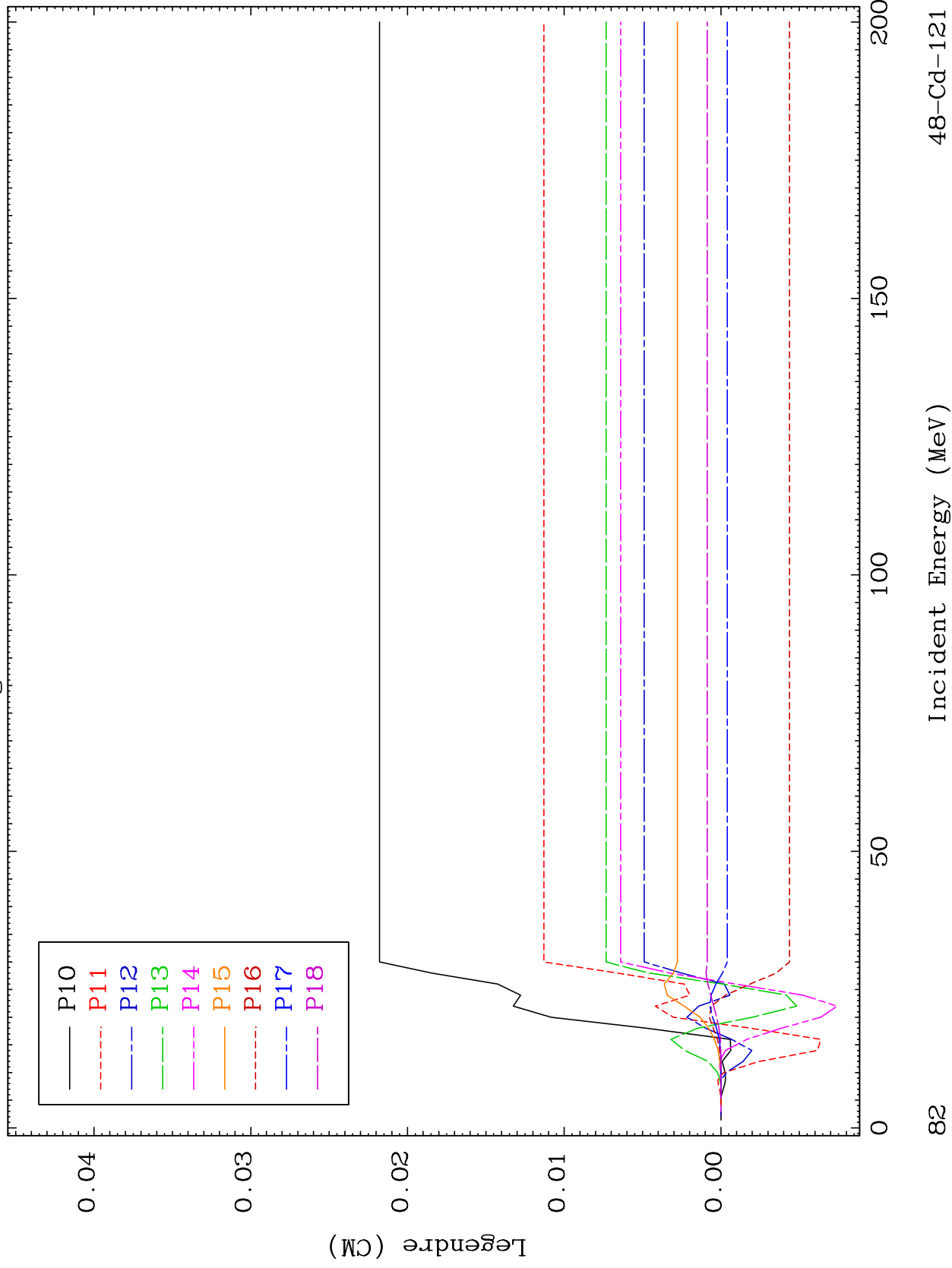
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



82

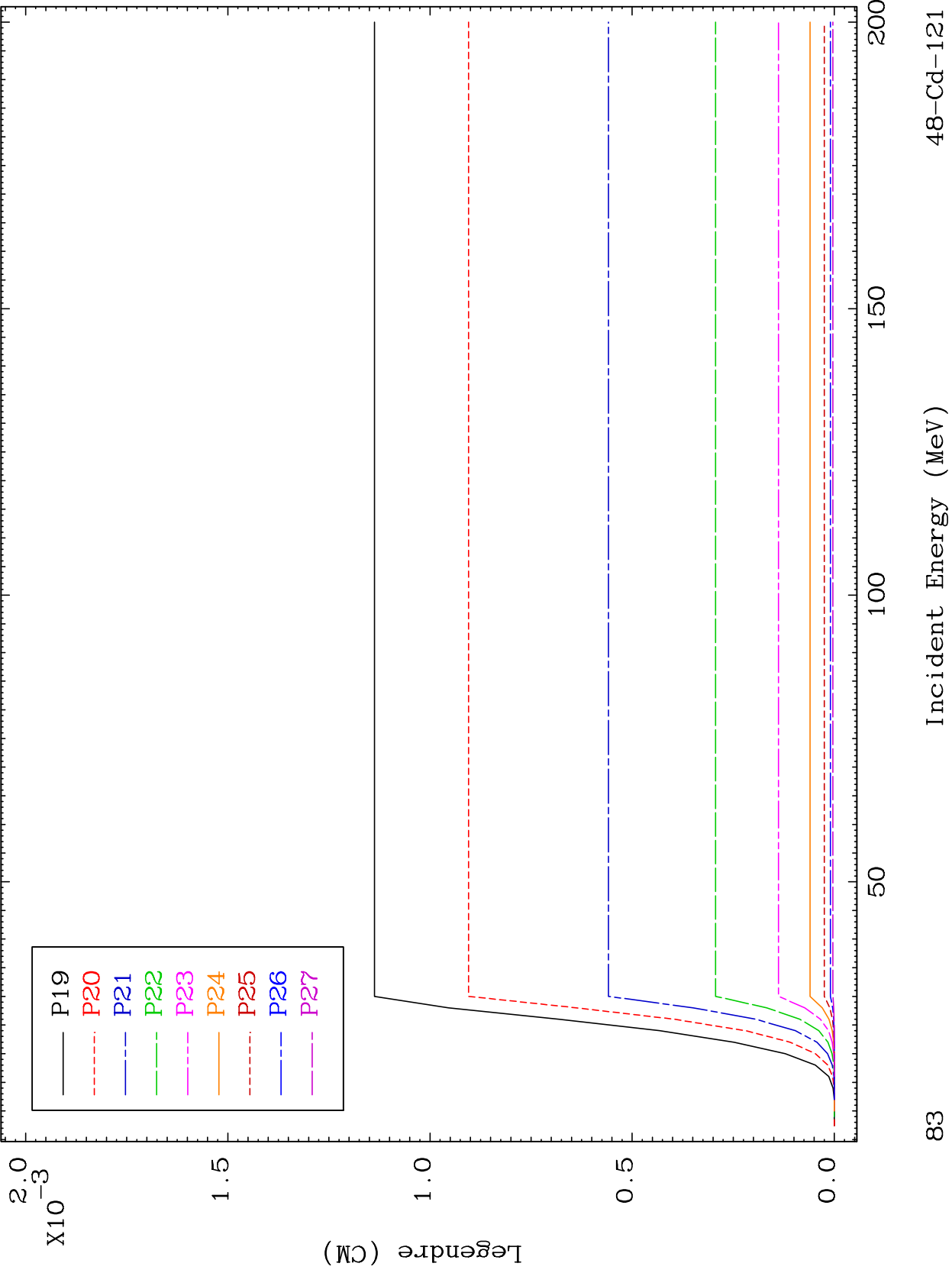
Incident Energy (MeV)

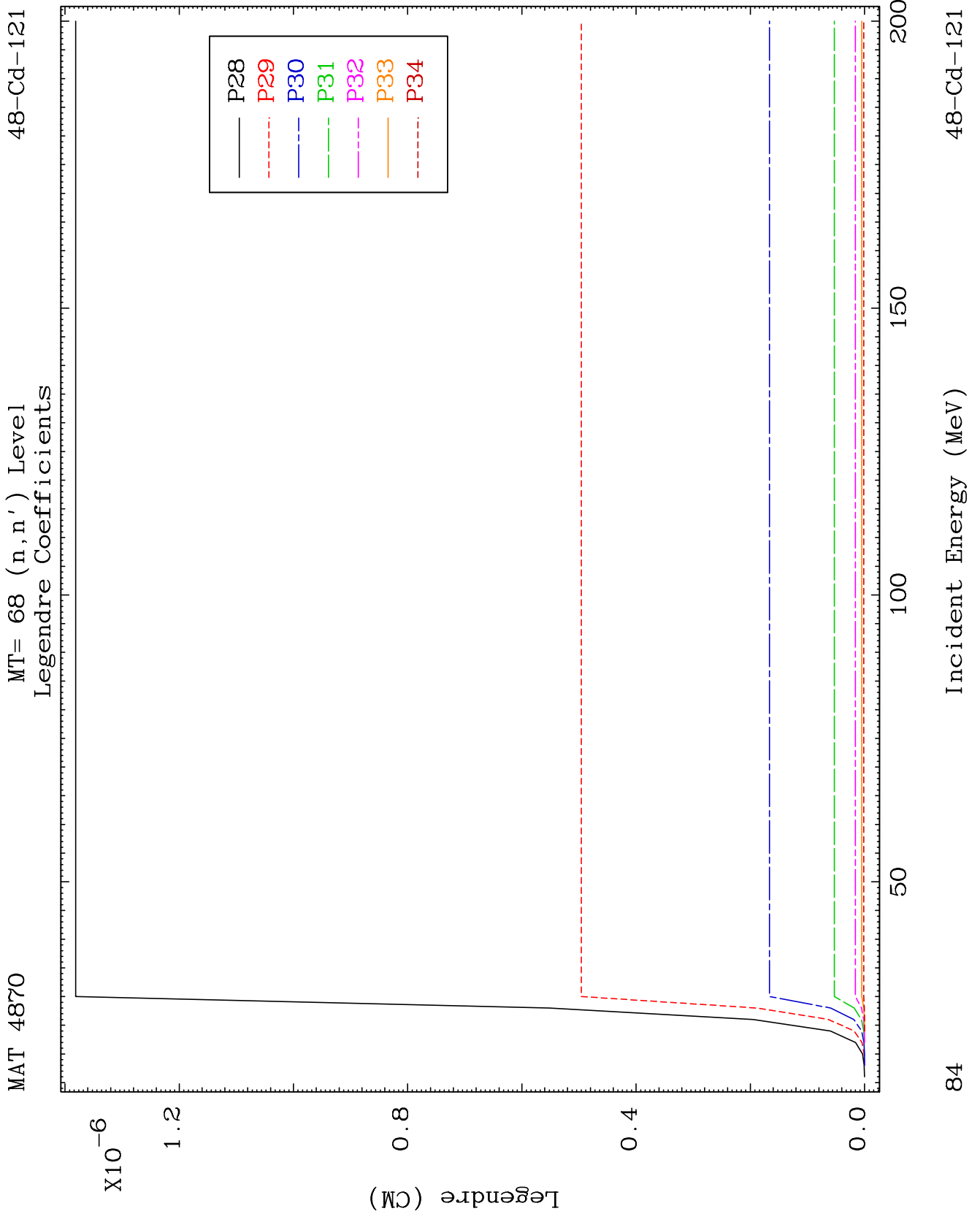
48-Cd-121

MAT 4870

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

48-Cd-121

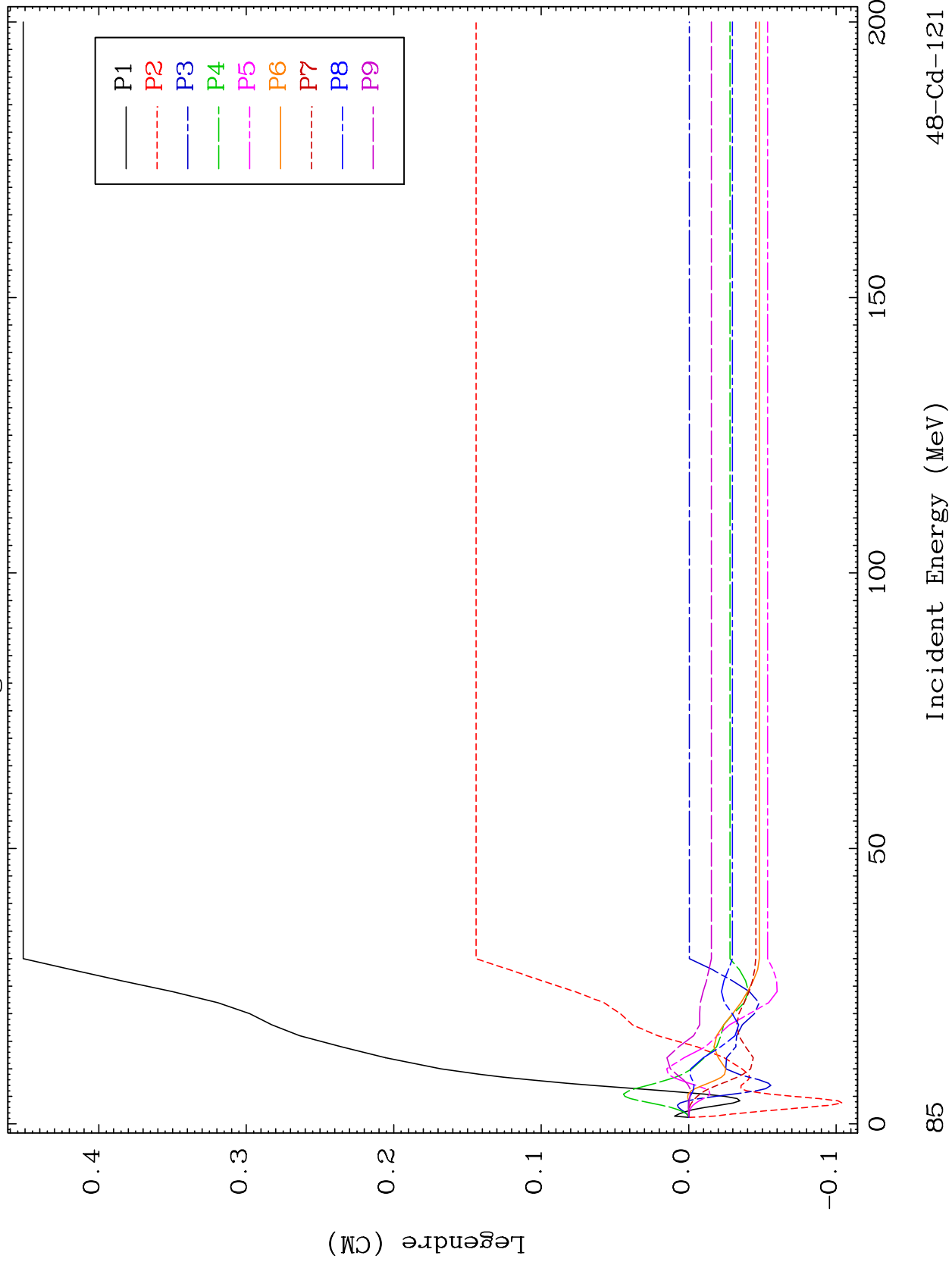




MAT 4870

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

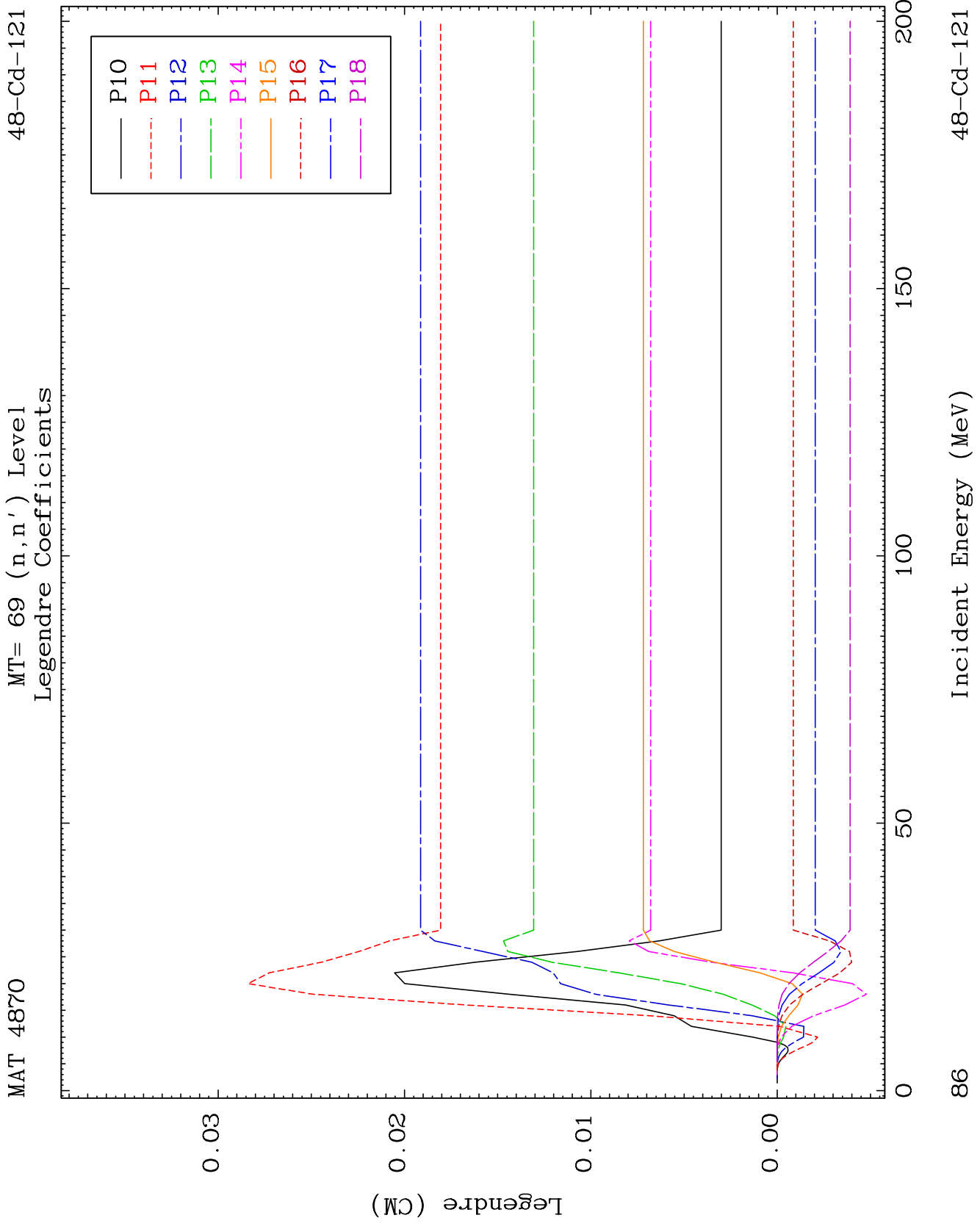
48-Cd-121



48-Cd-121

Incident Energy (MeV)

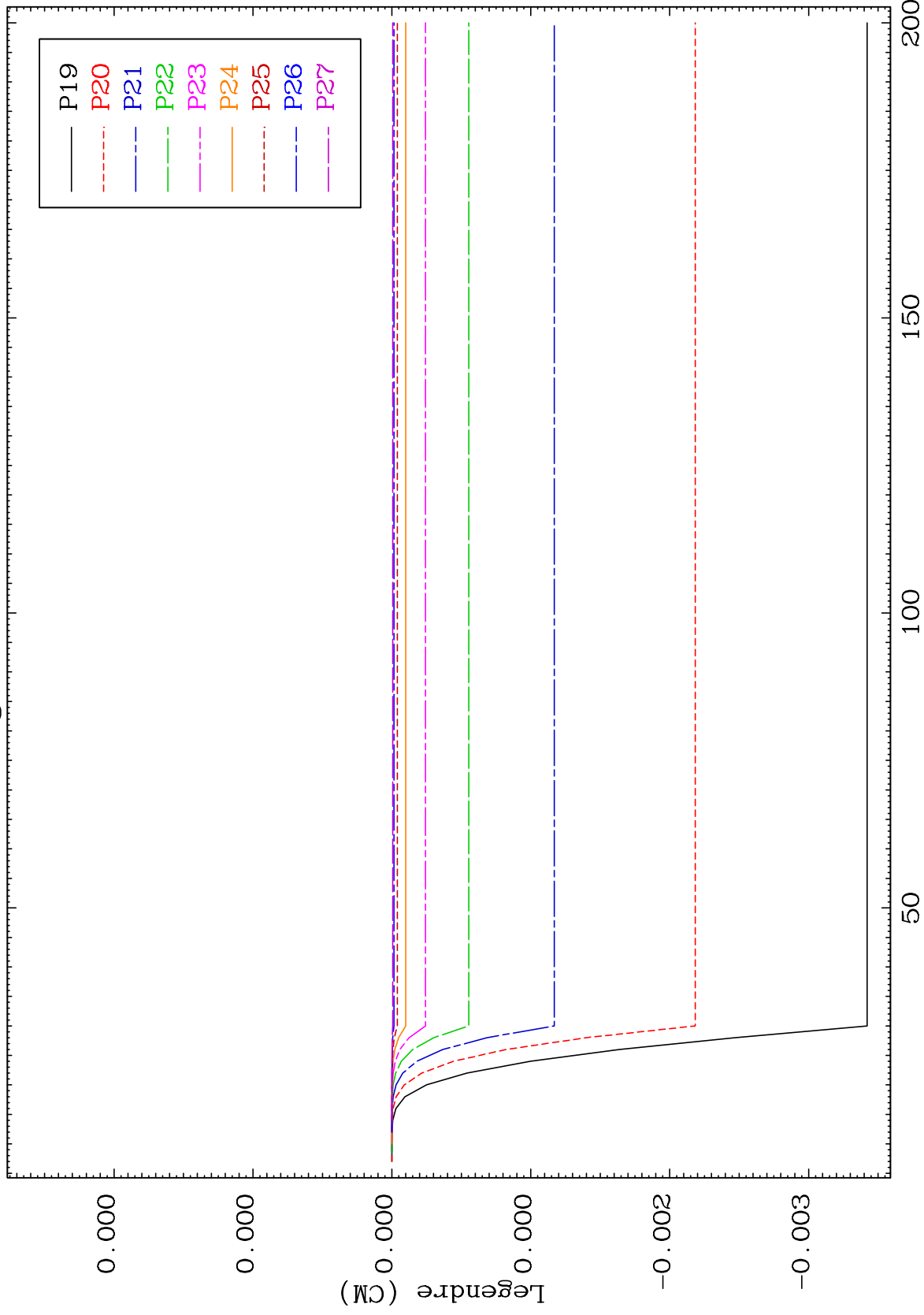
85



MAT 4870

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

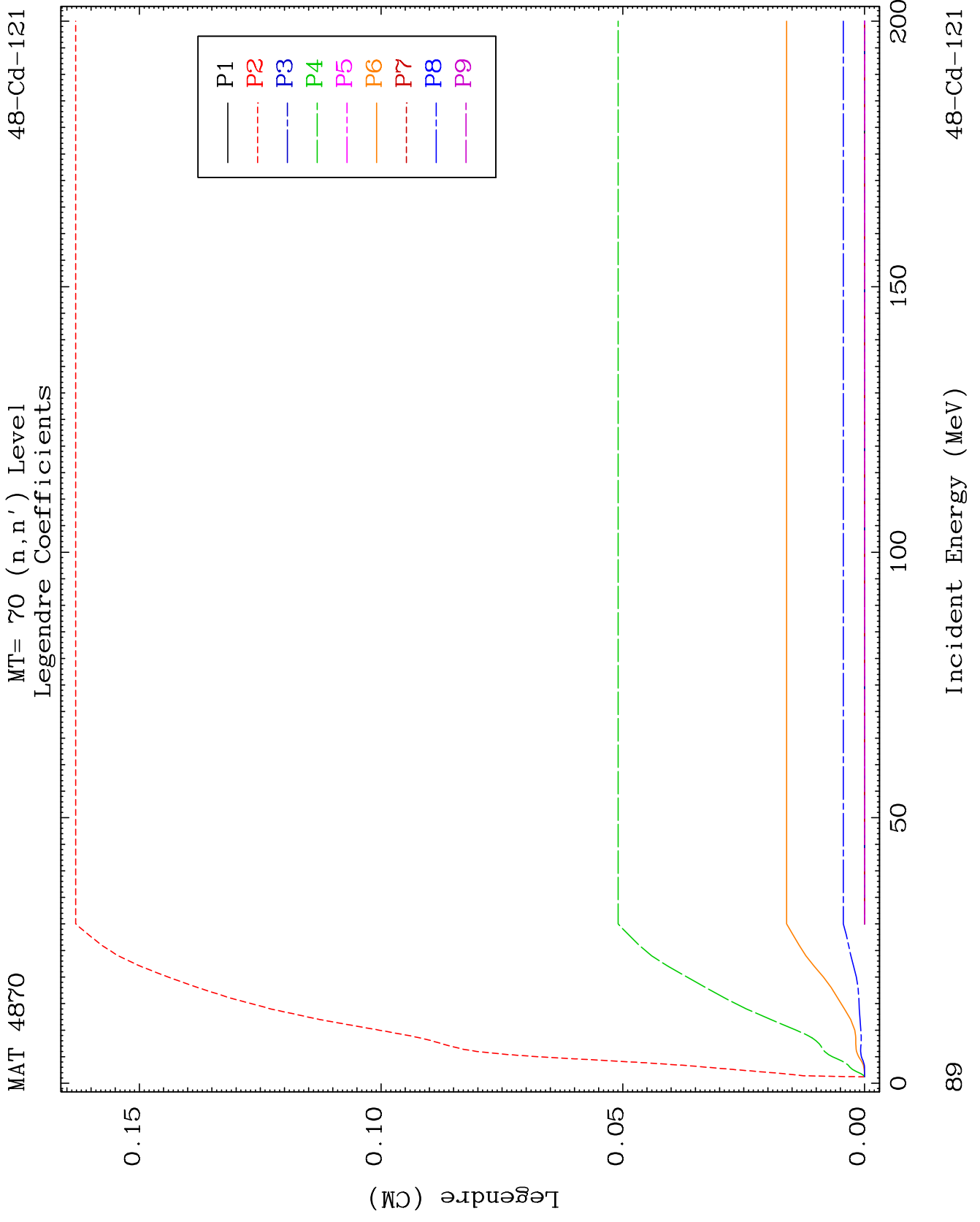
48-Cd-121



87

Incident Energy (MeV)

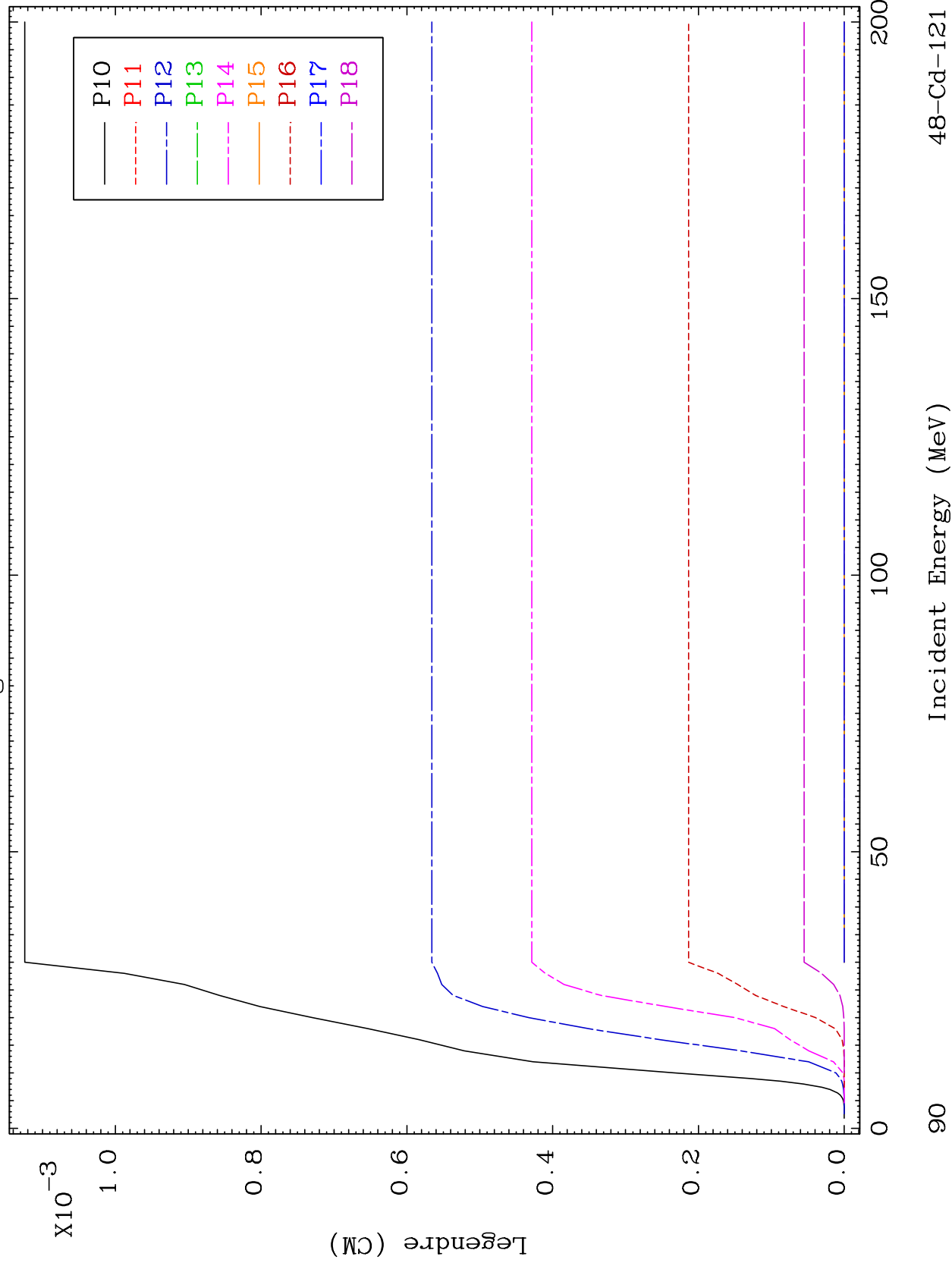
48-Cd-121



MAT 4870

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

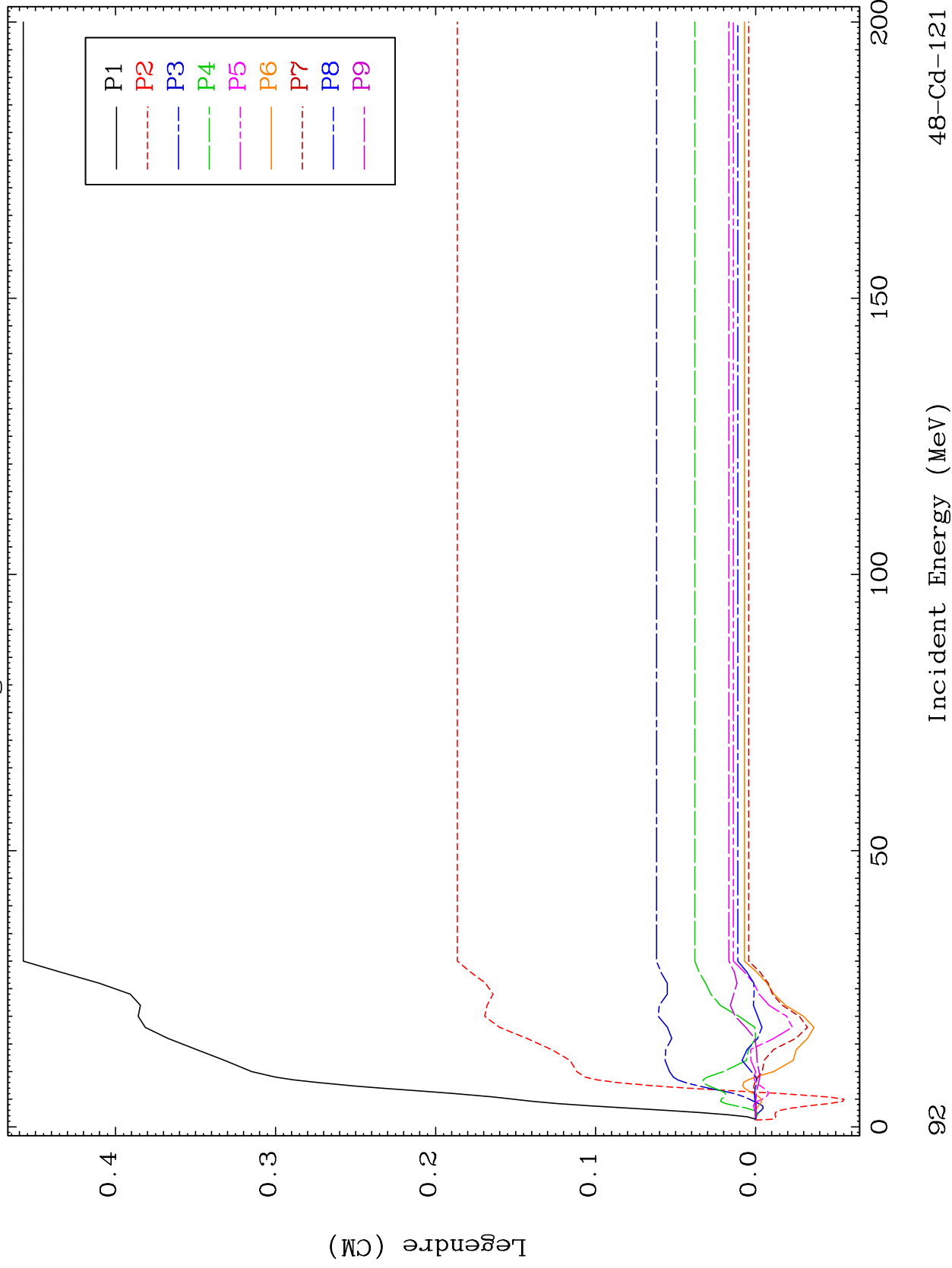
48-Cd-121



MAT 4870

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

48-Cd-121



48-Cd-121

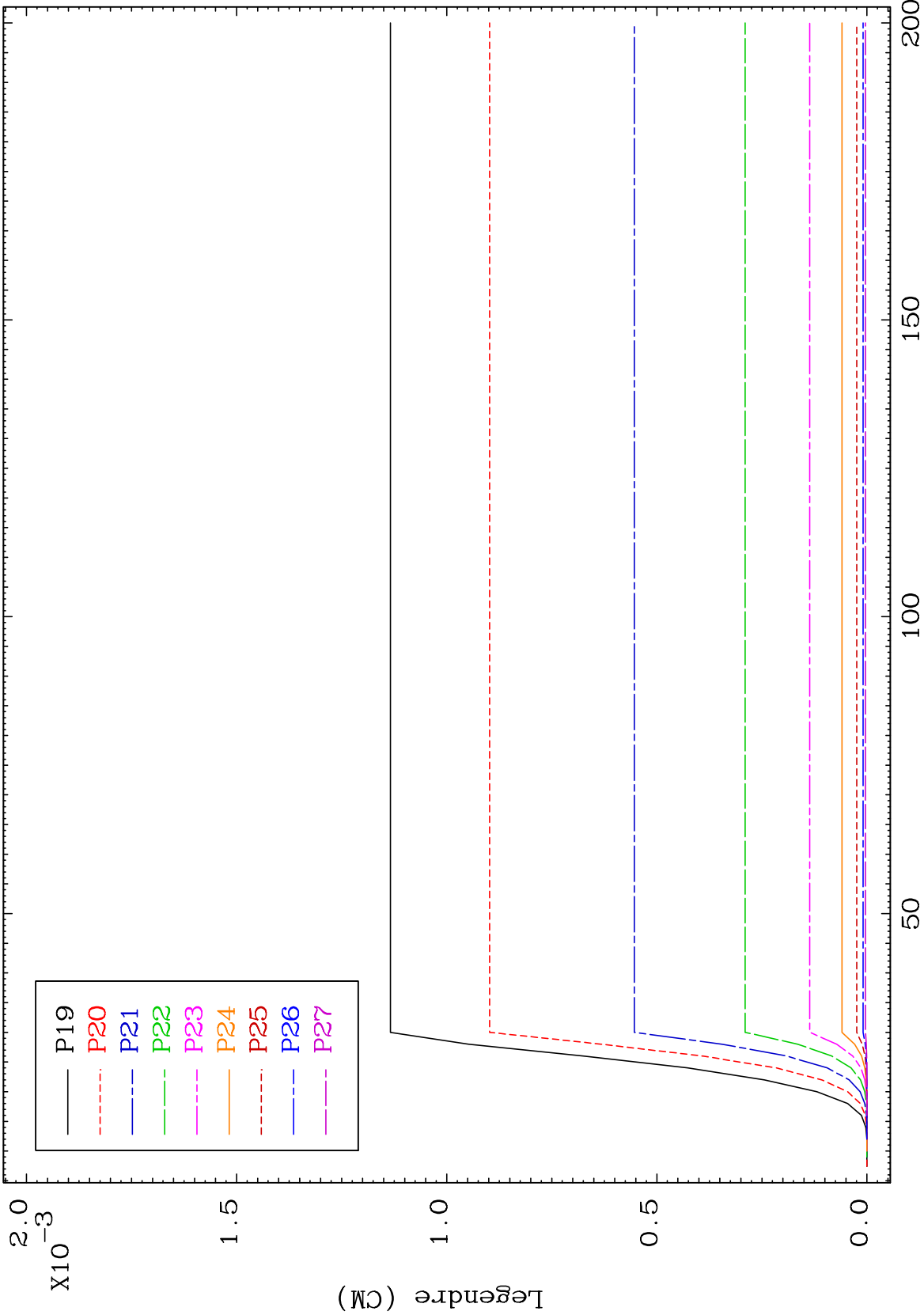
Incident Energy (MeV)

92

MAT 4870

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

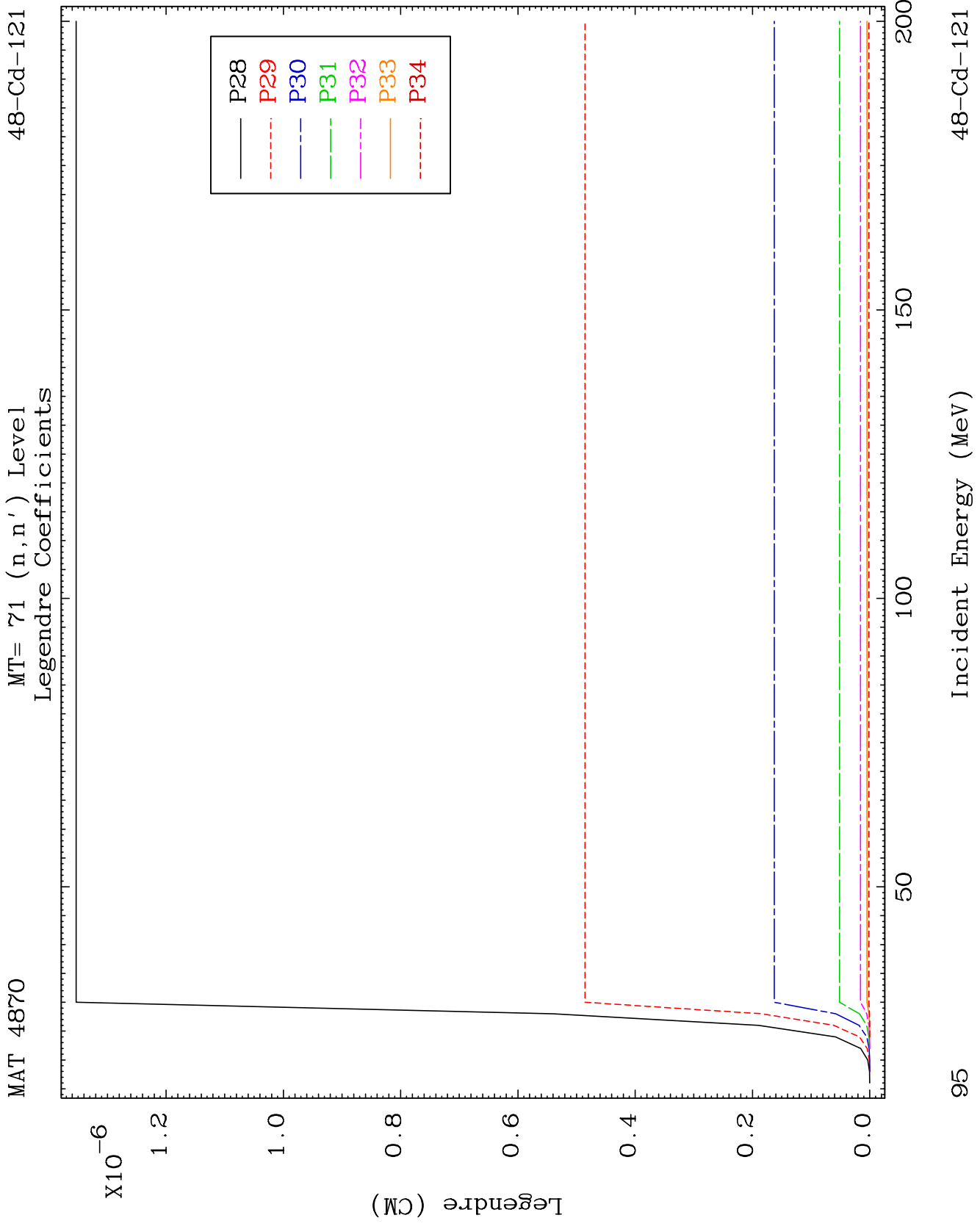
48-Cd-121



94

Incident Energy (MeV)

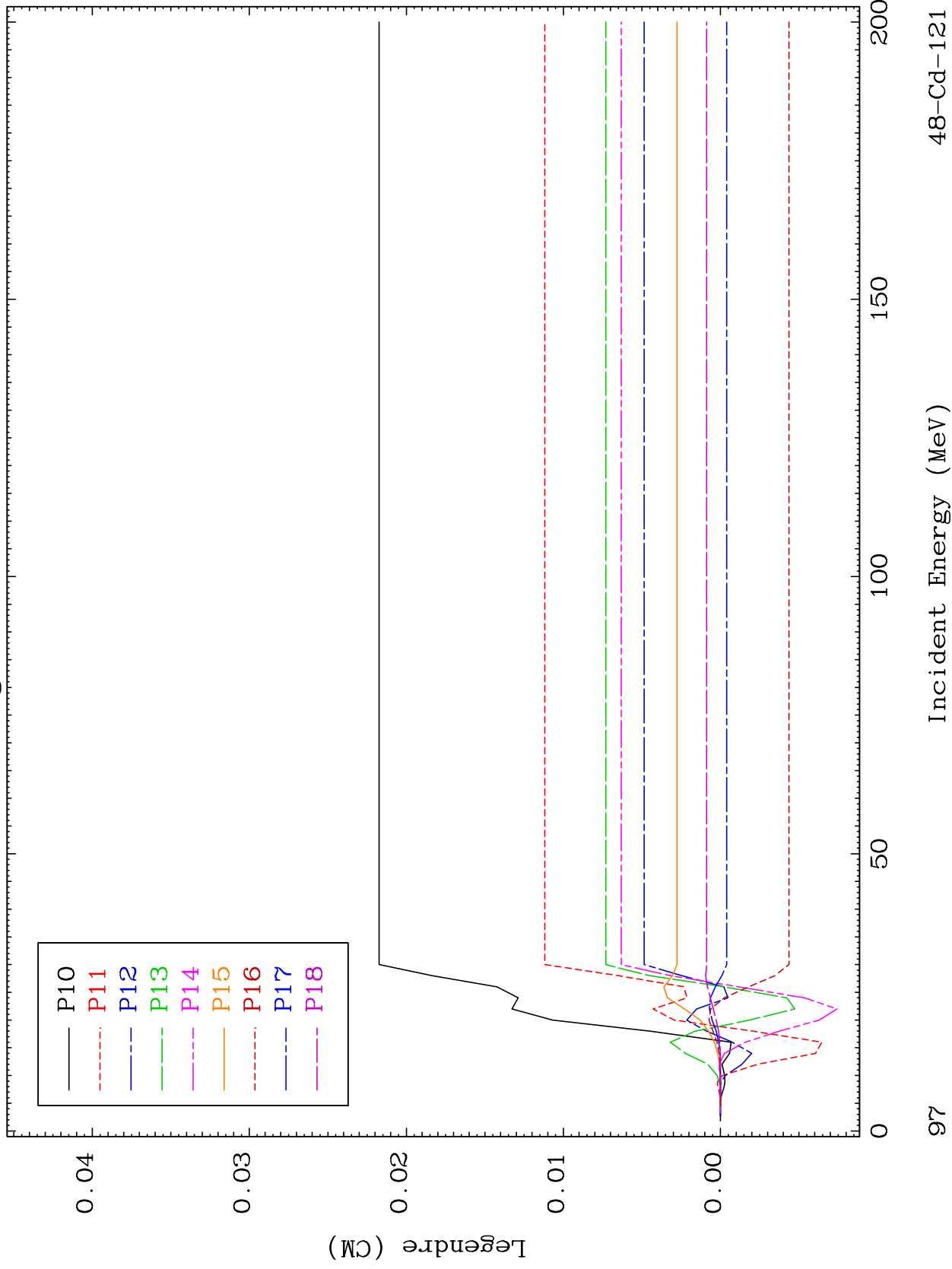
48-Cd-121



MAT 4870

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

48-Cd-121



97

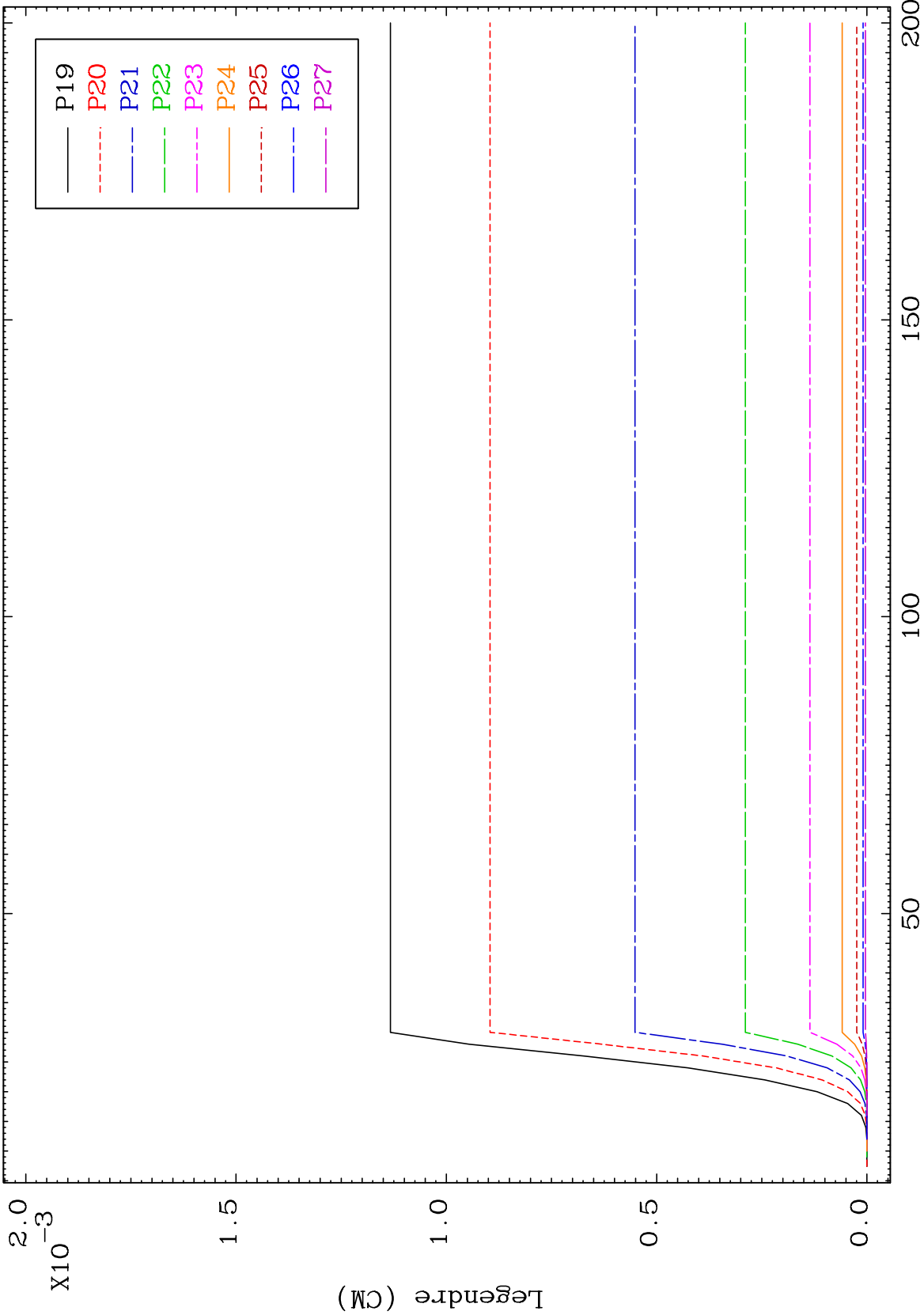
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

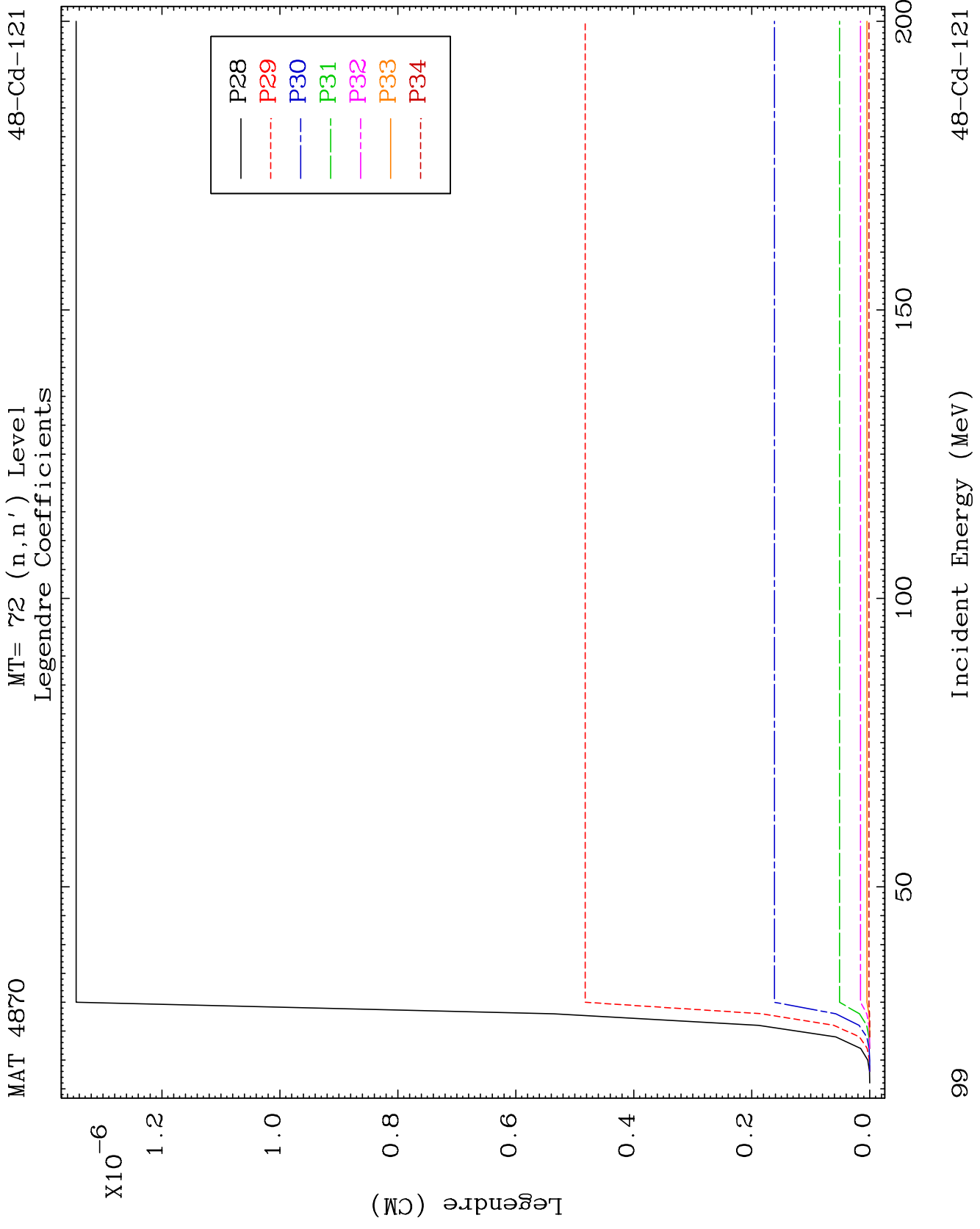
48-Cd-121

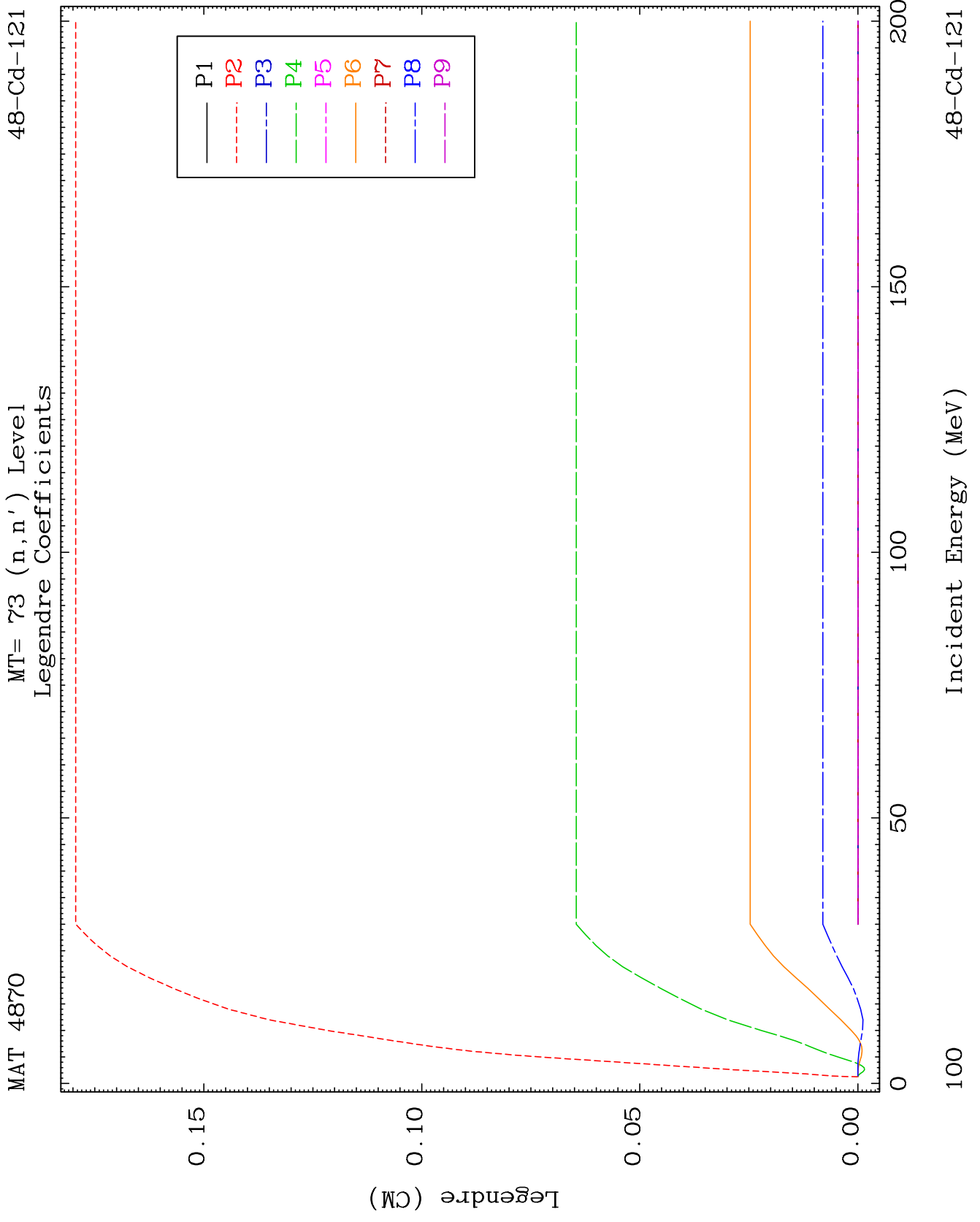


98

Incident Energy (MeV)

48-Cd-121

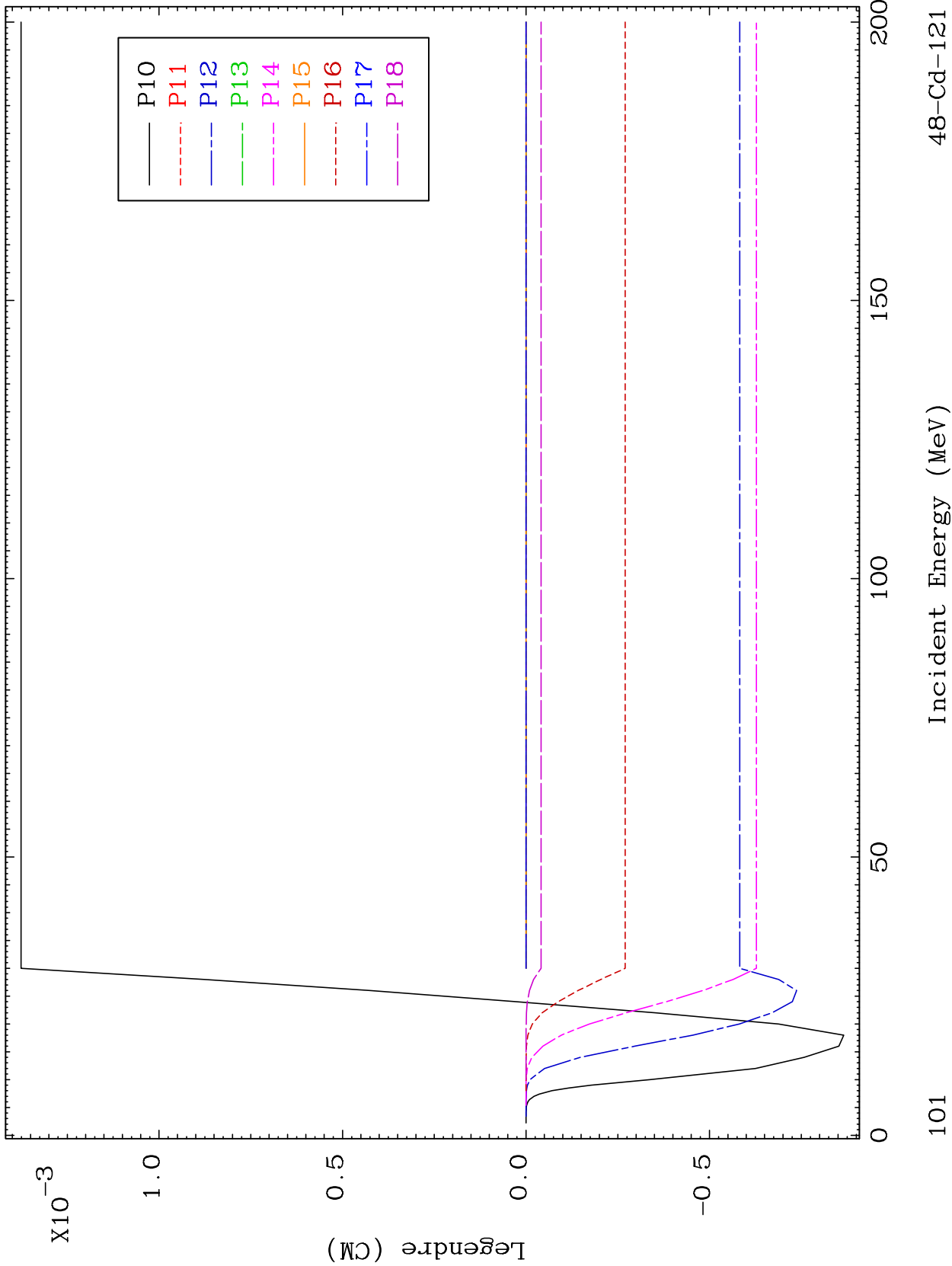




MAT 4870

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

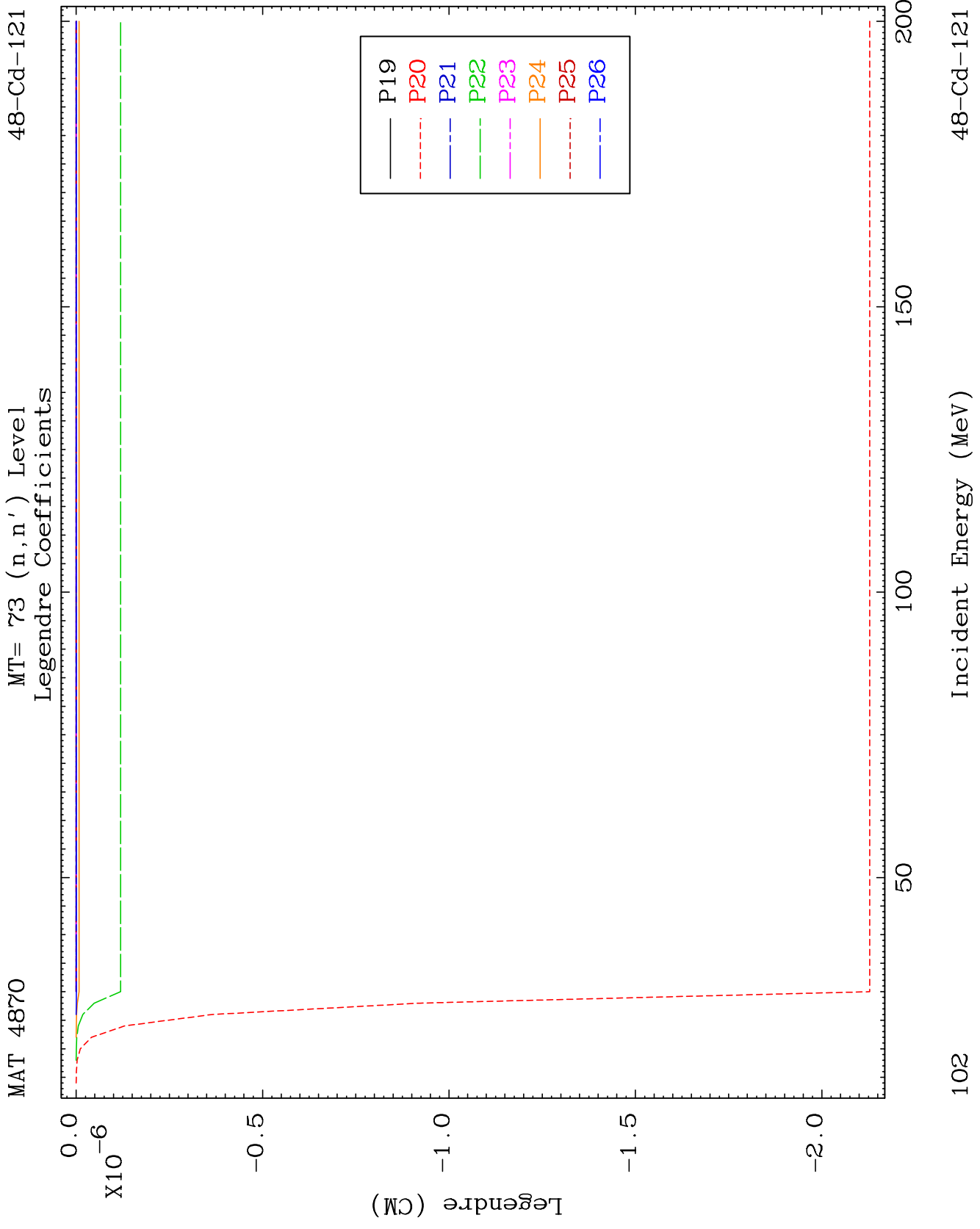
48-Cd-121

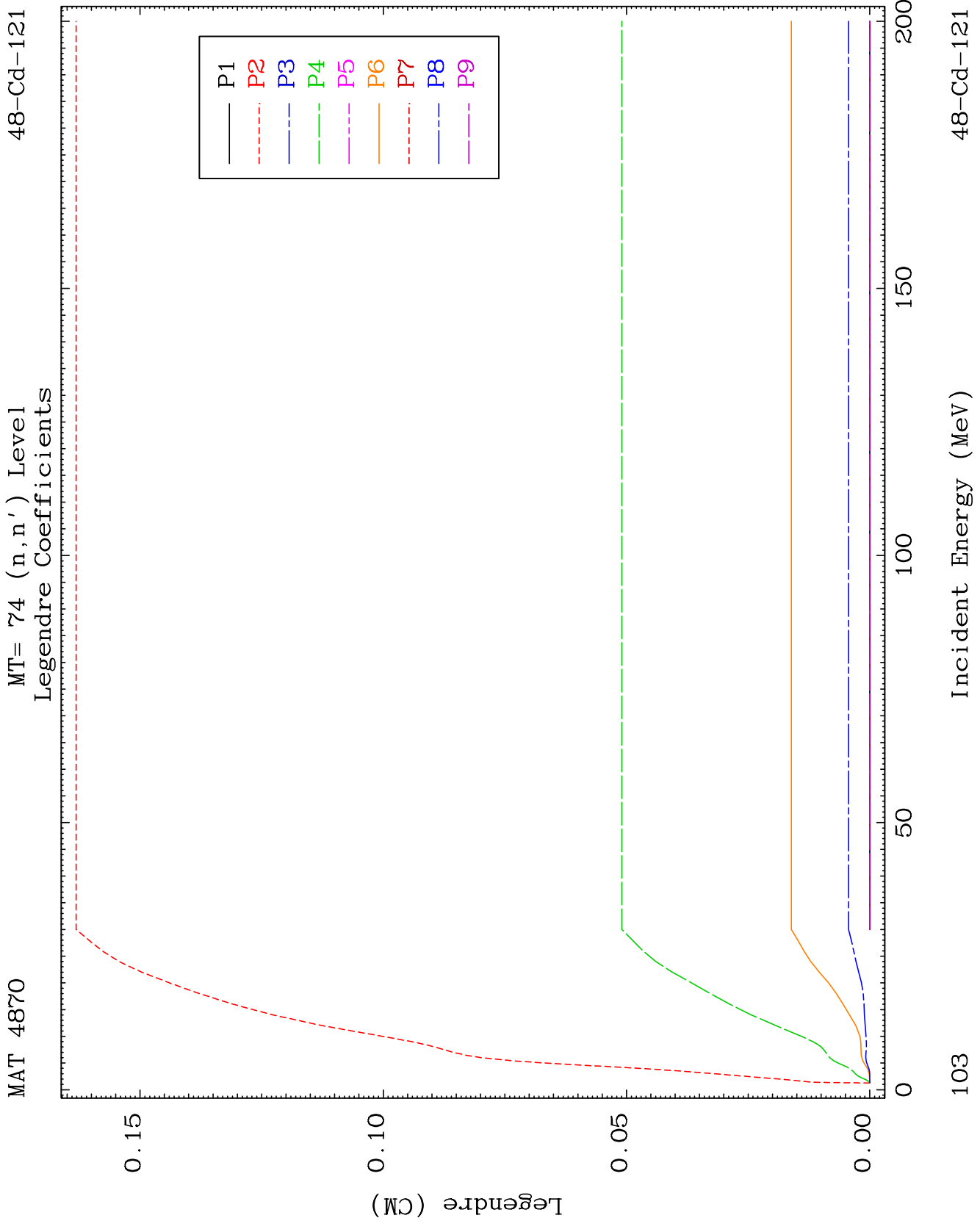


101

Incident Energy (MeV)

48-Cd-121

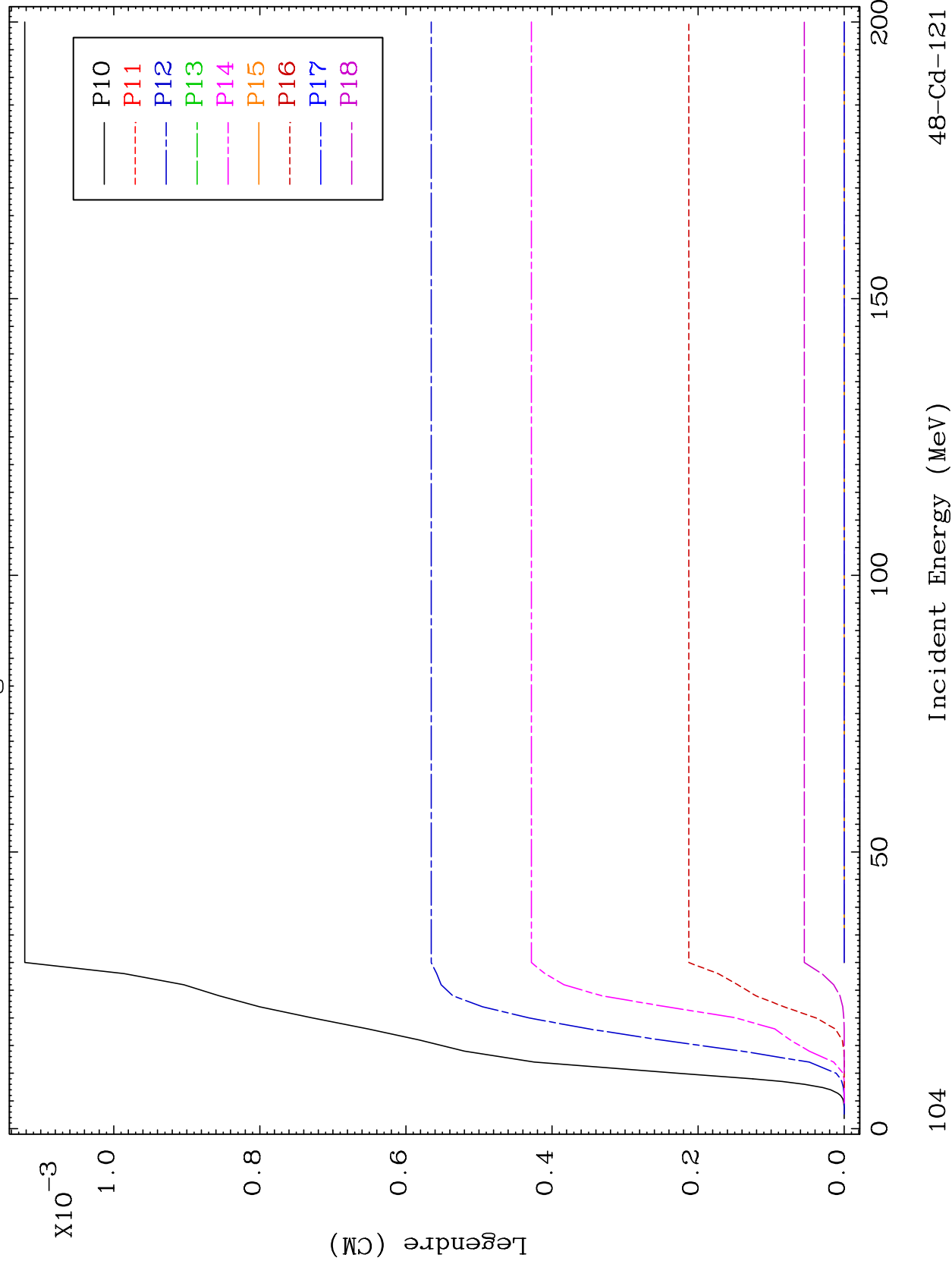




MAT 4870

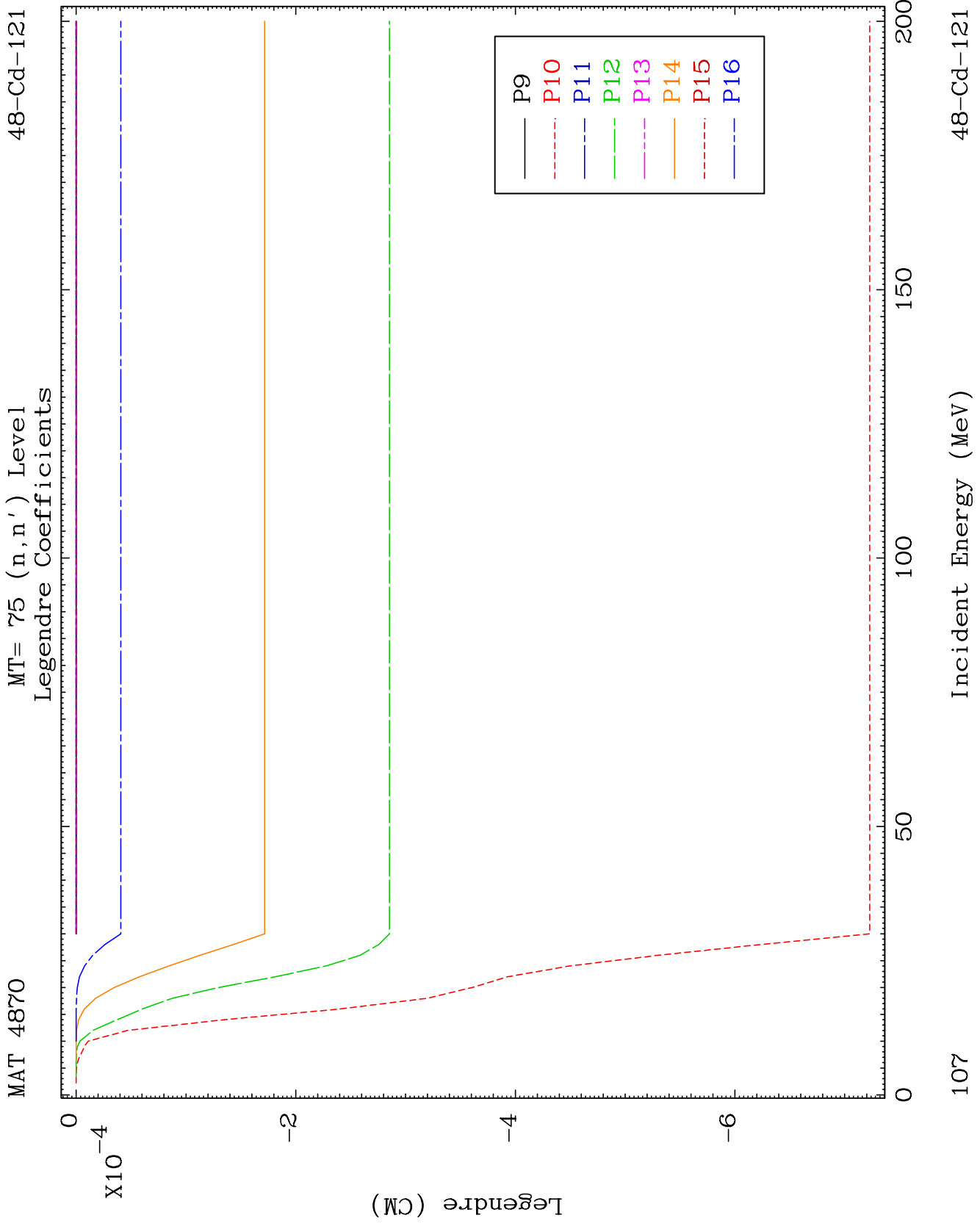
MT= 74 (n,n') Level
Legendre Coefficients

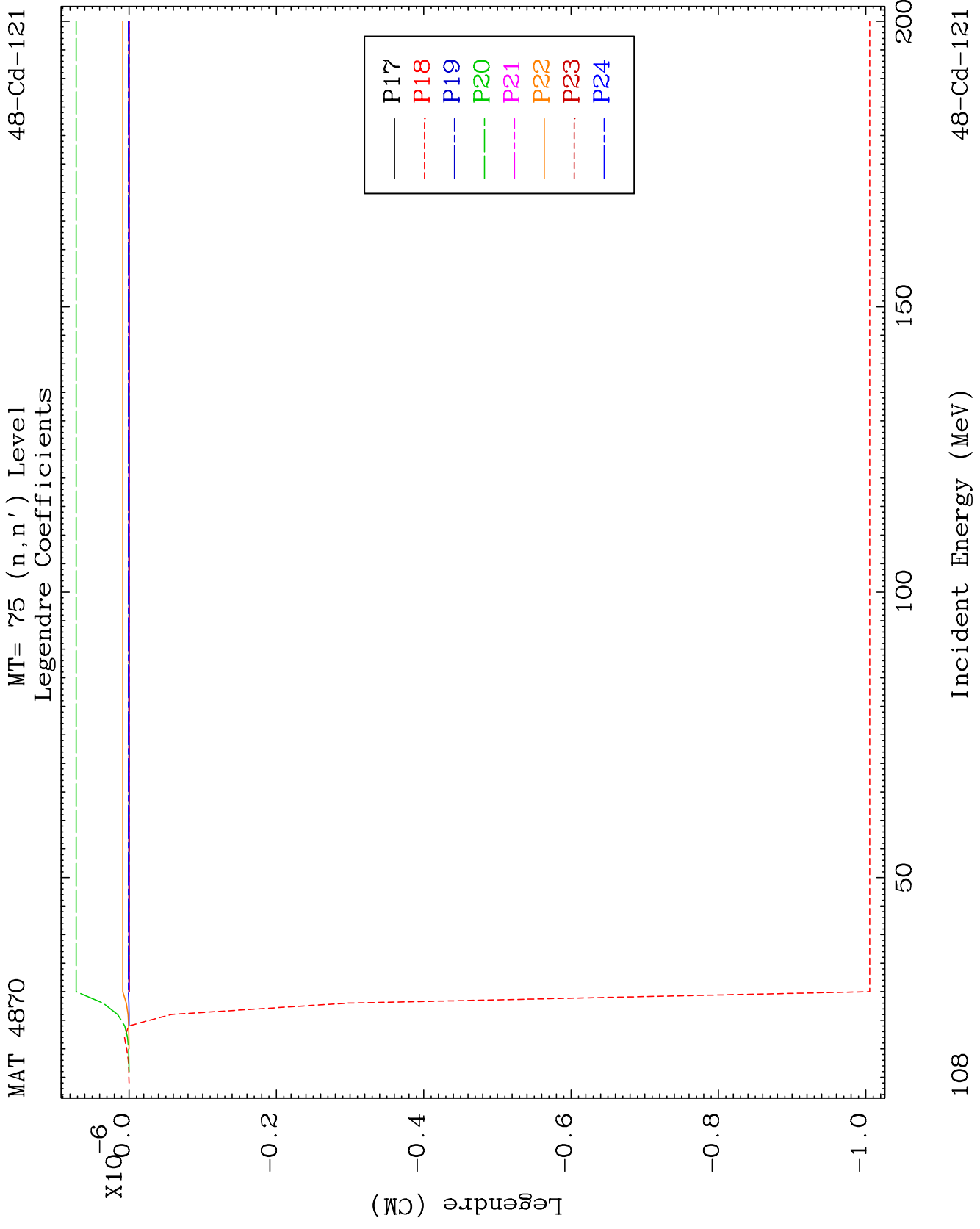
48-Cd-121



104

48-Cd-121

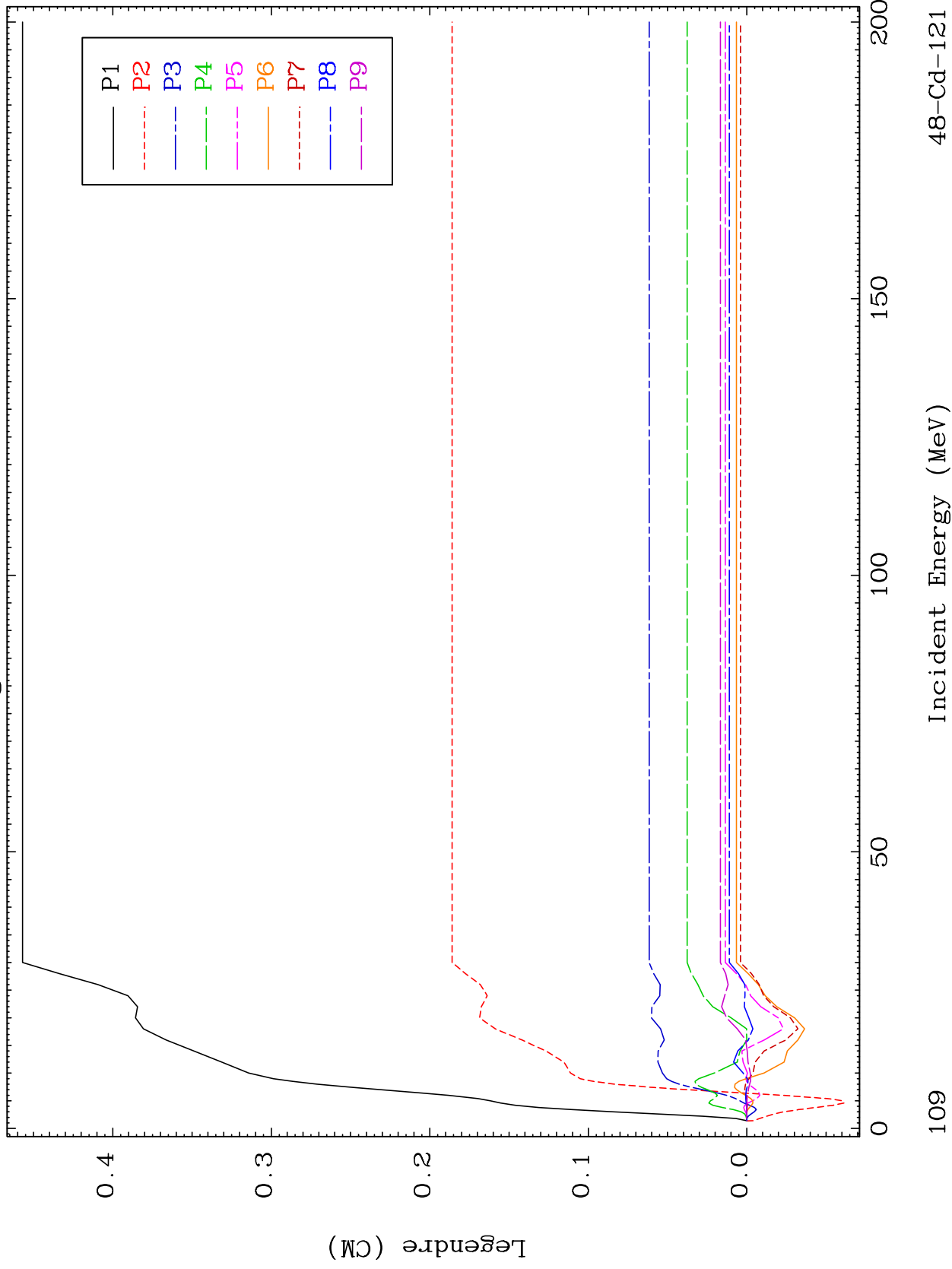




MAT 4870

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

48-Cd-121



48-Cd-121

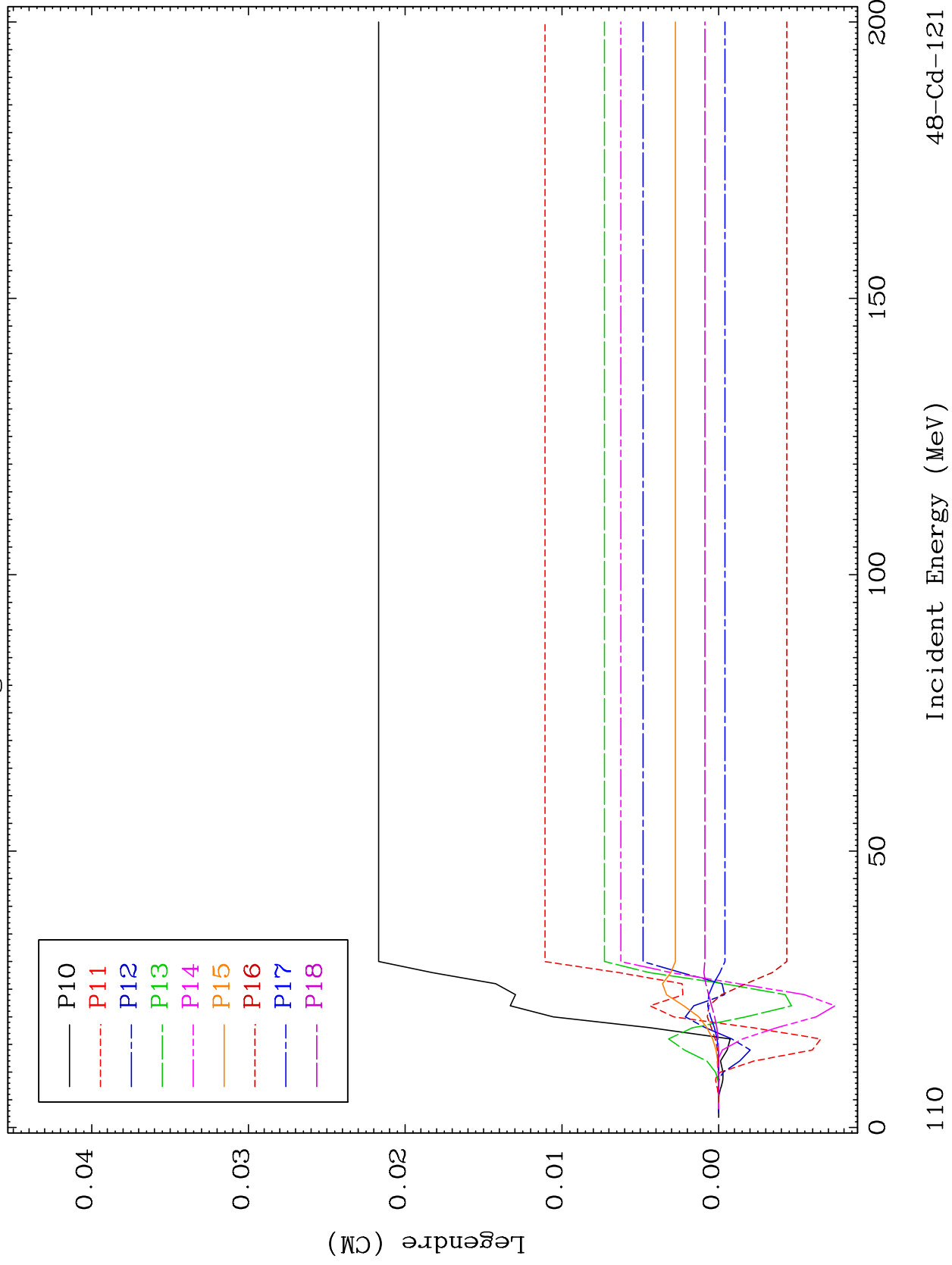
Incident Energy (MeV)

109

MAT 4870

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

48-Cd-121



48-Cd-121

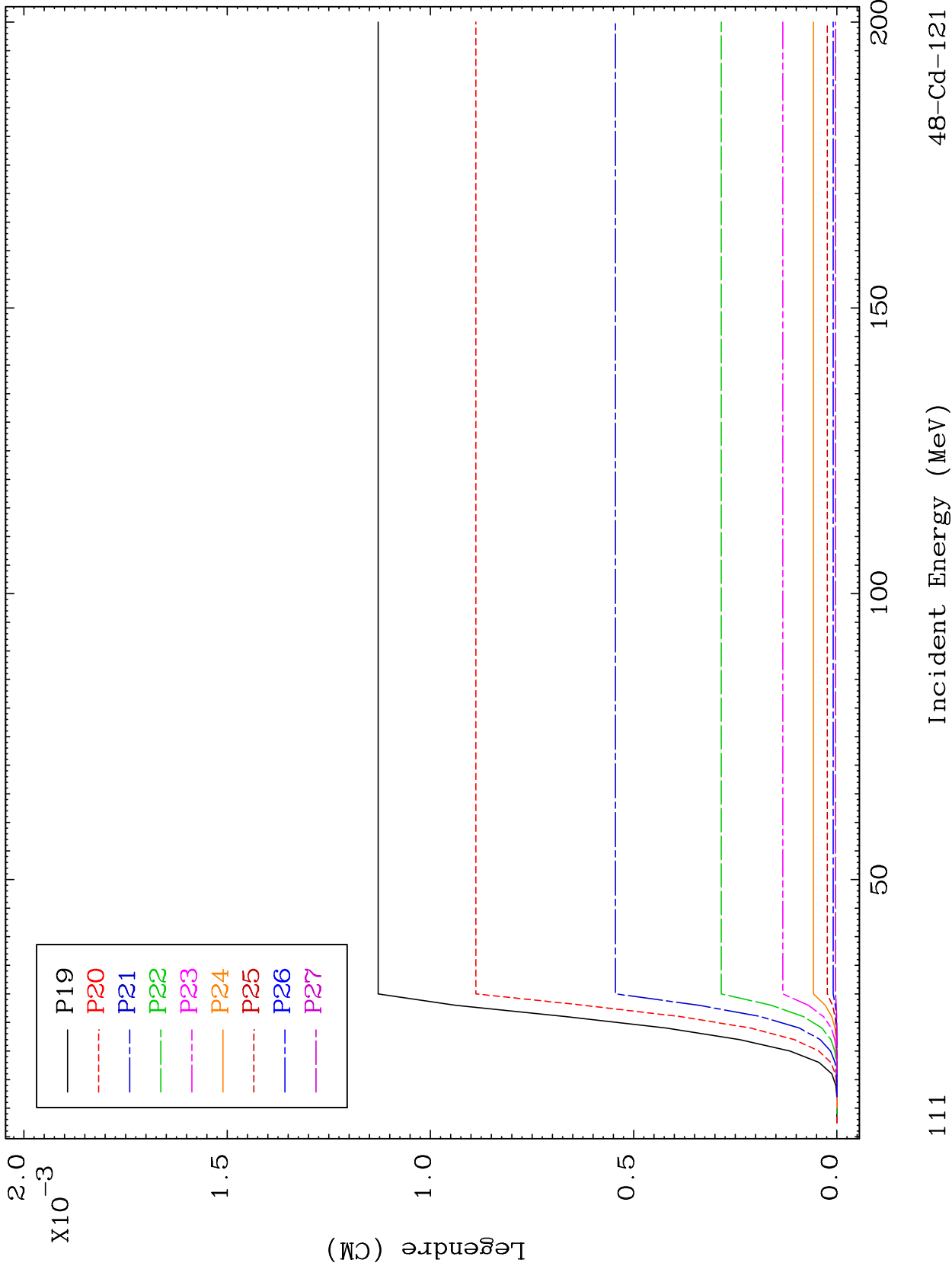
Incident Energy (MeV)

110

MAT 4870

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

48-Cd-121



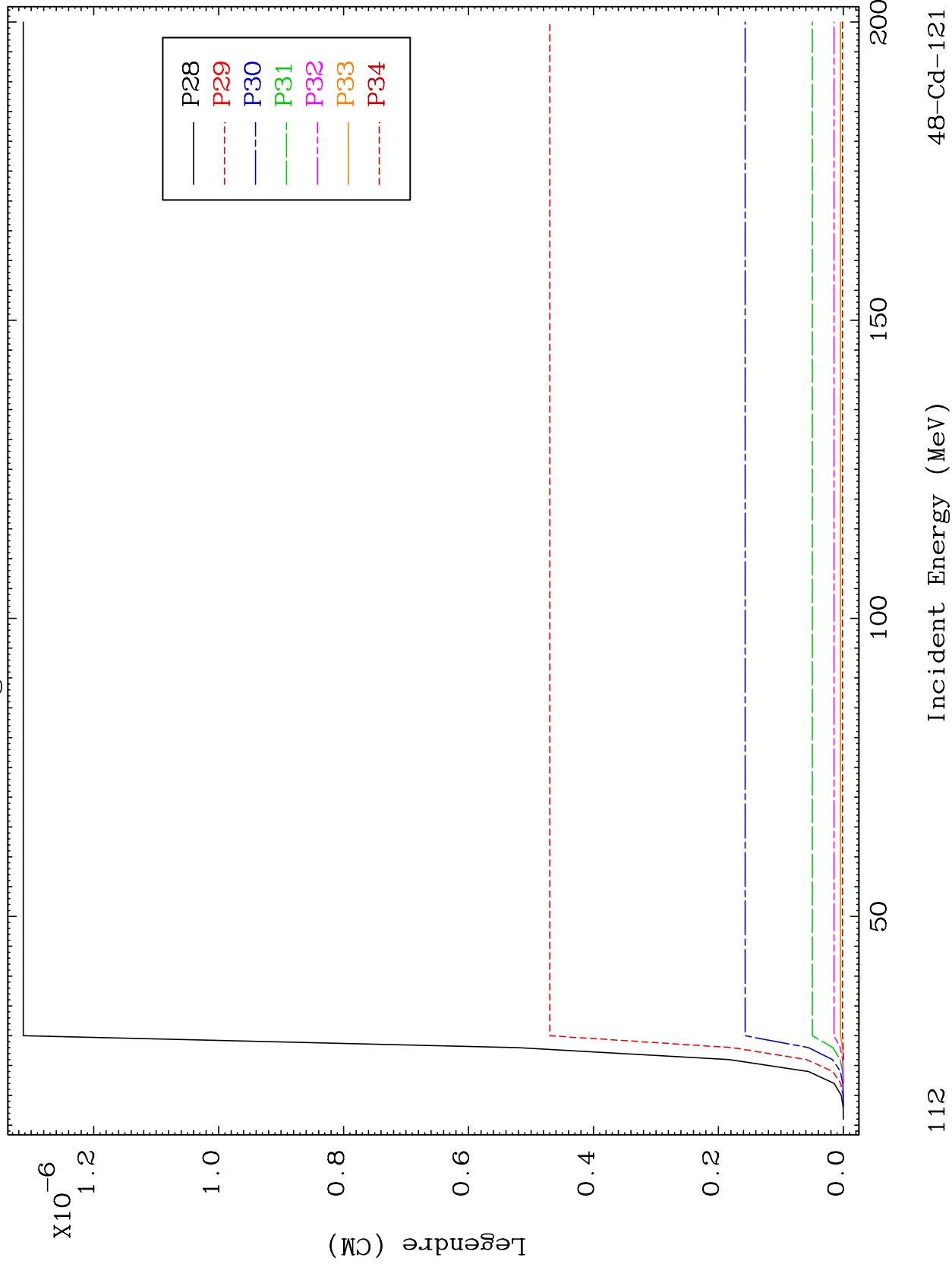
111

48-Cd-121

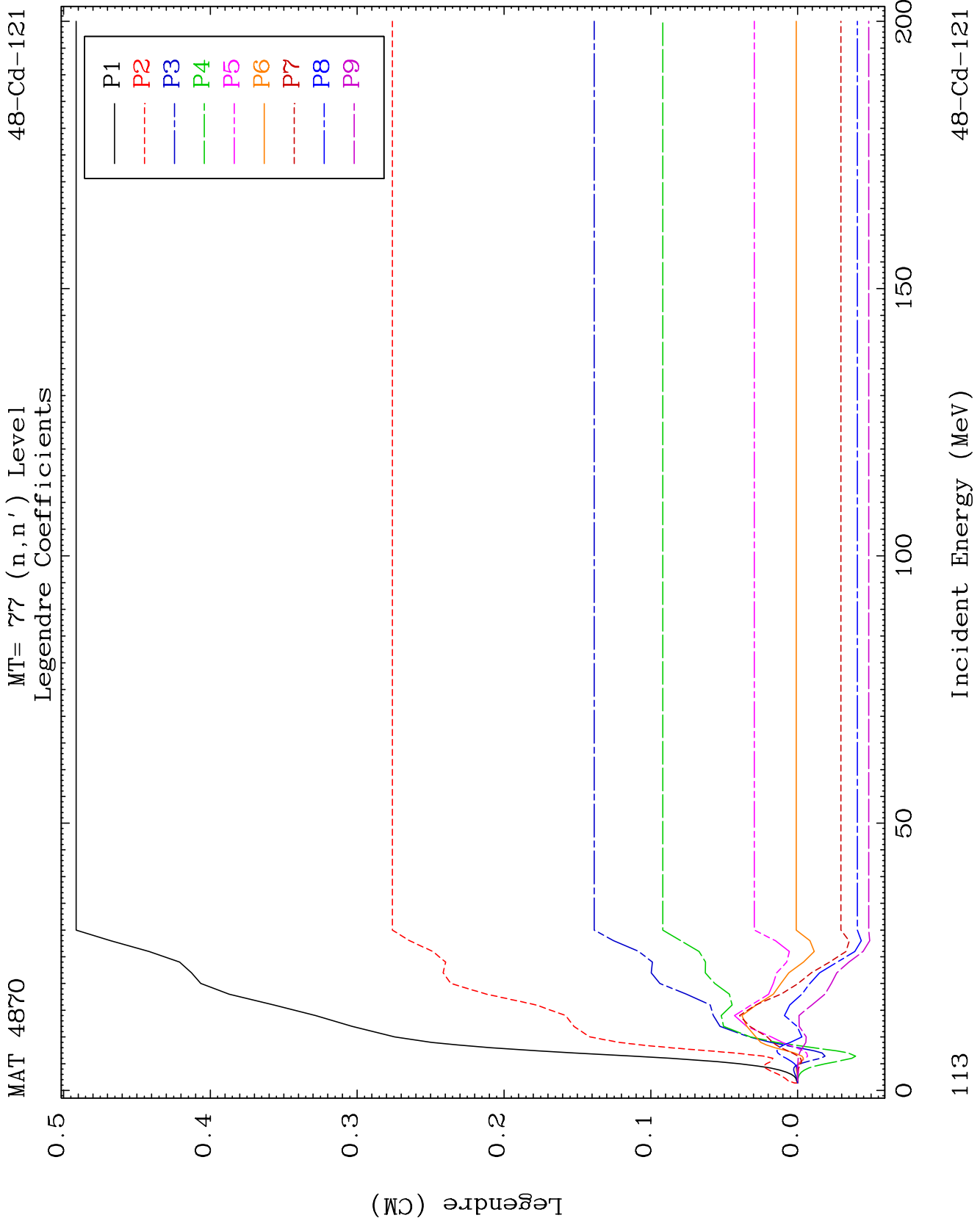
MAT 4870

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

48-Cd-121



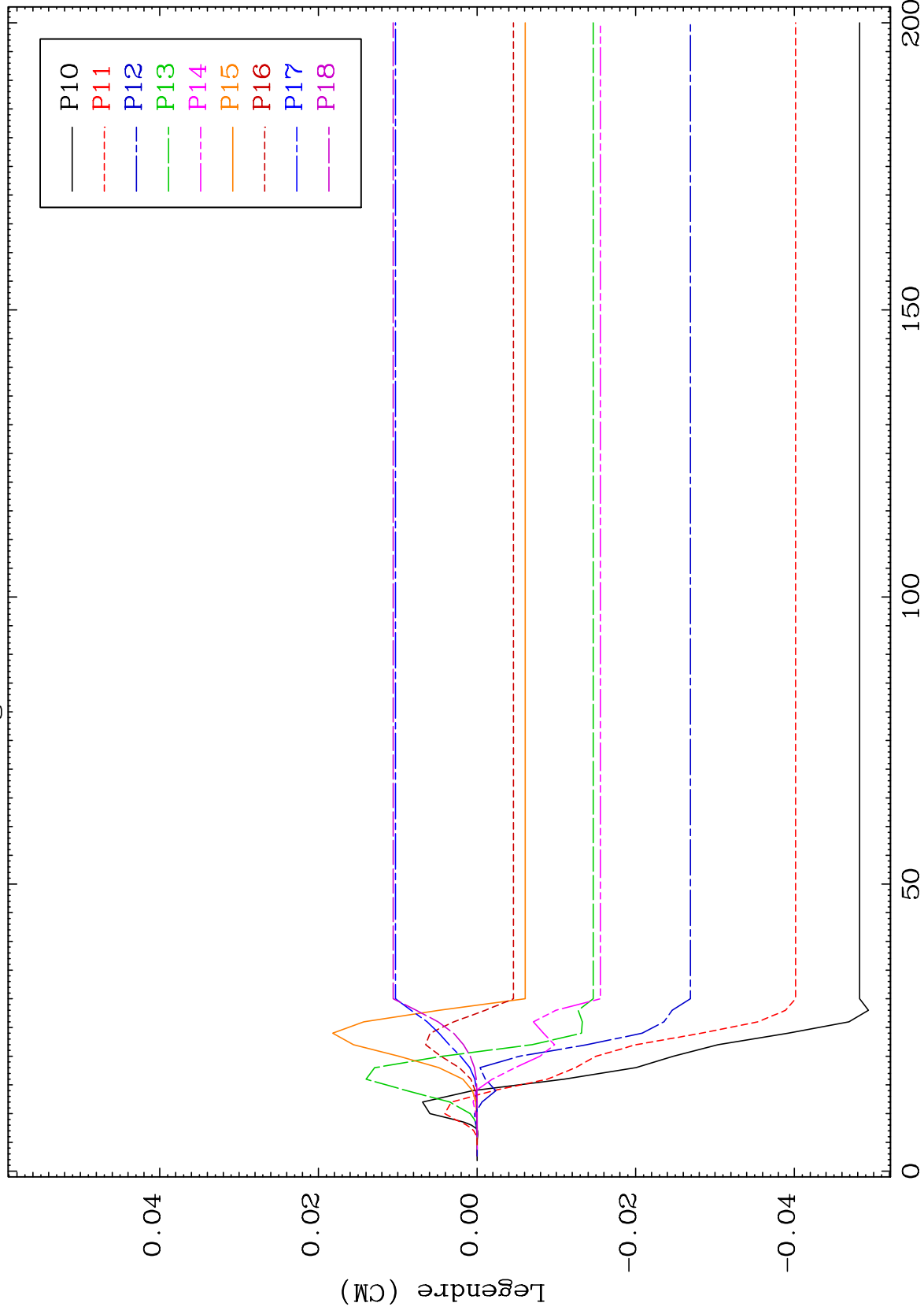
112



MAT 4870

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

48-Cd-121



114

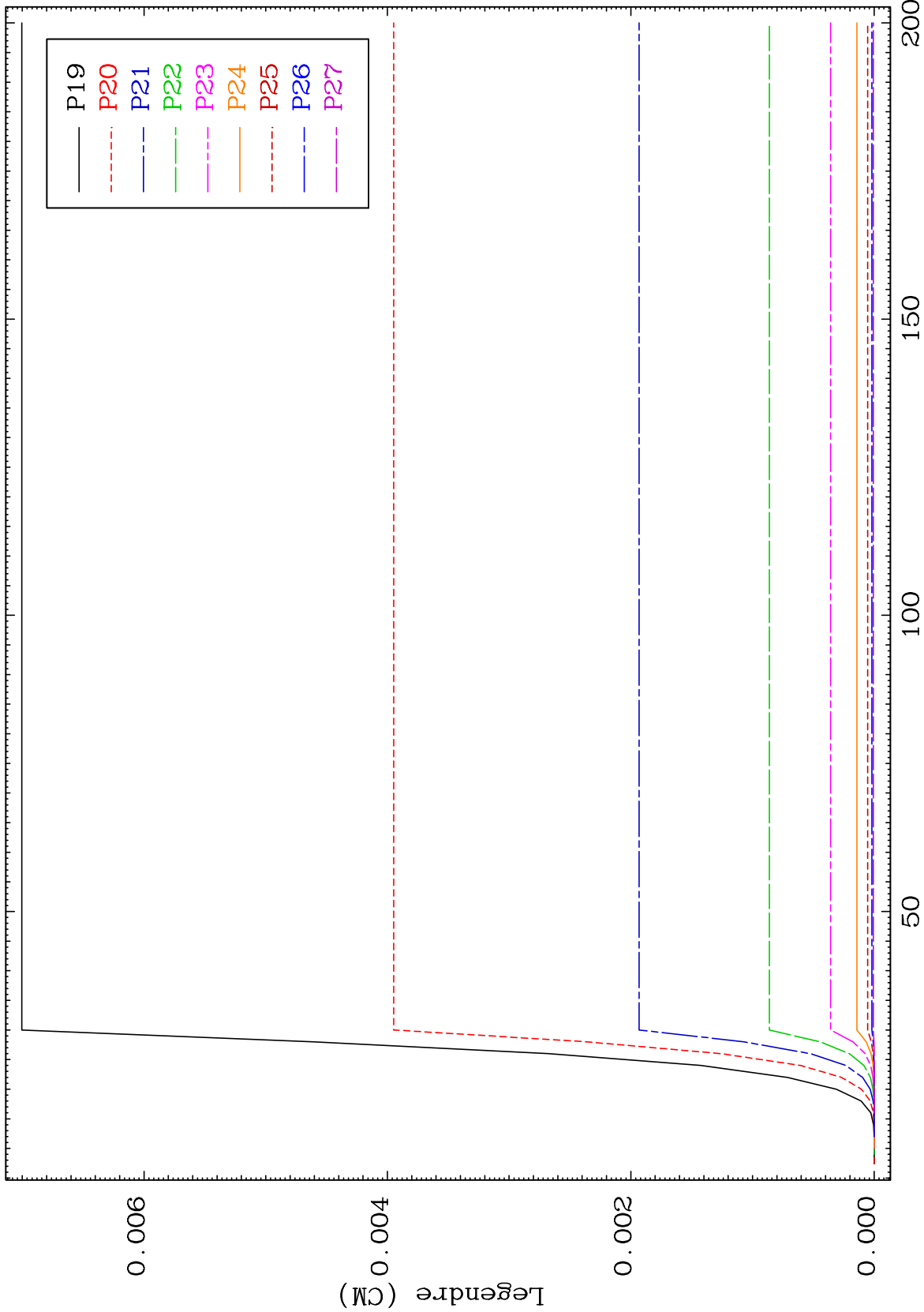
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



115

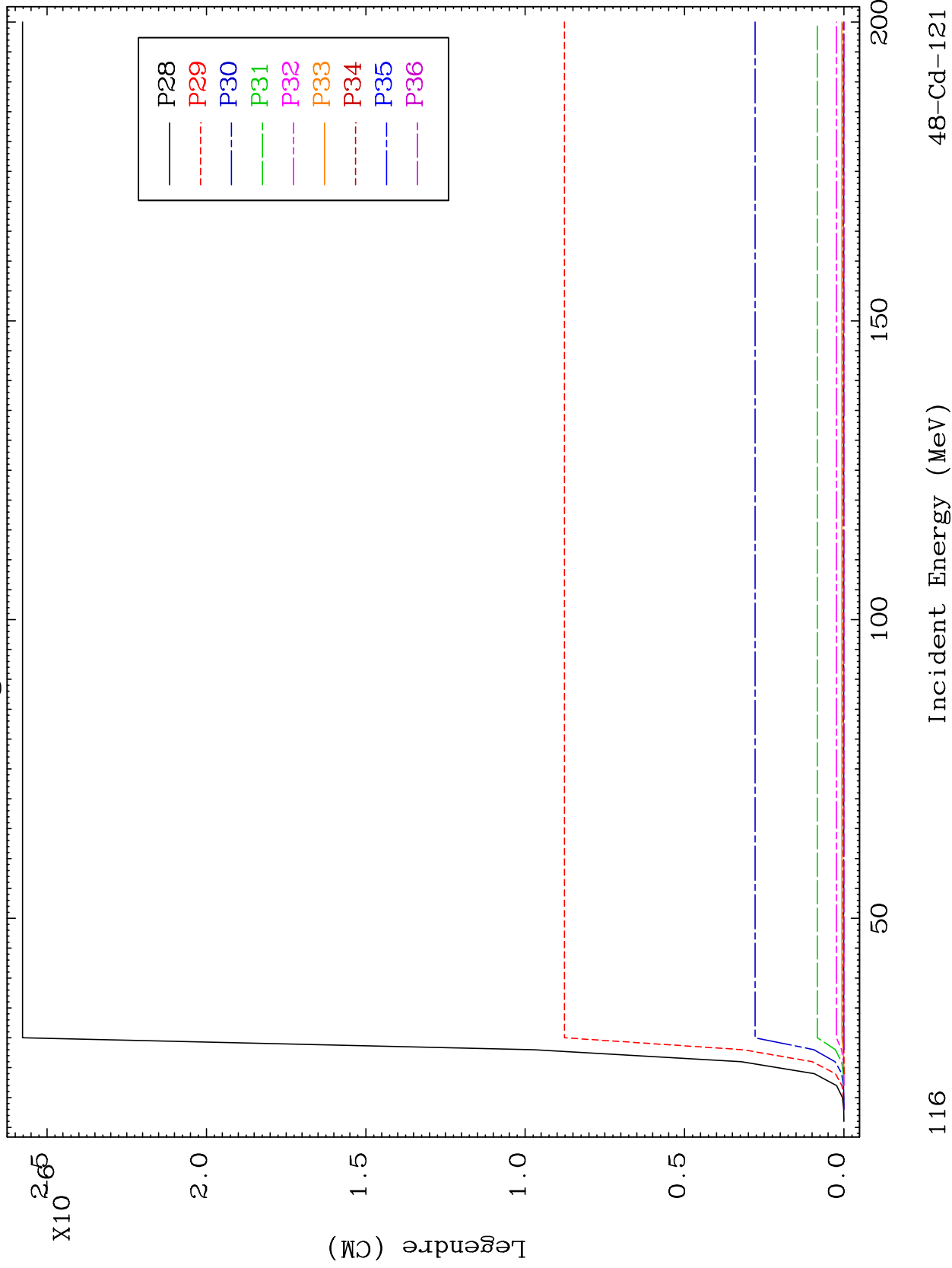
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



116

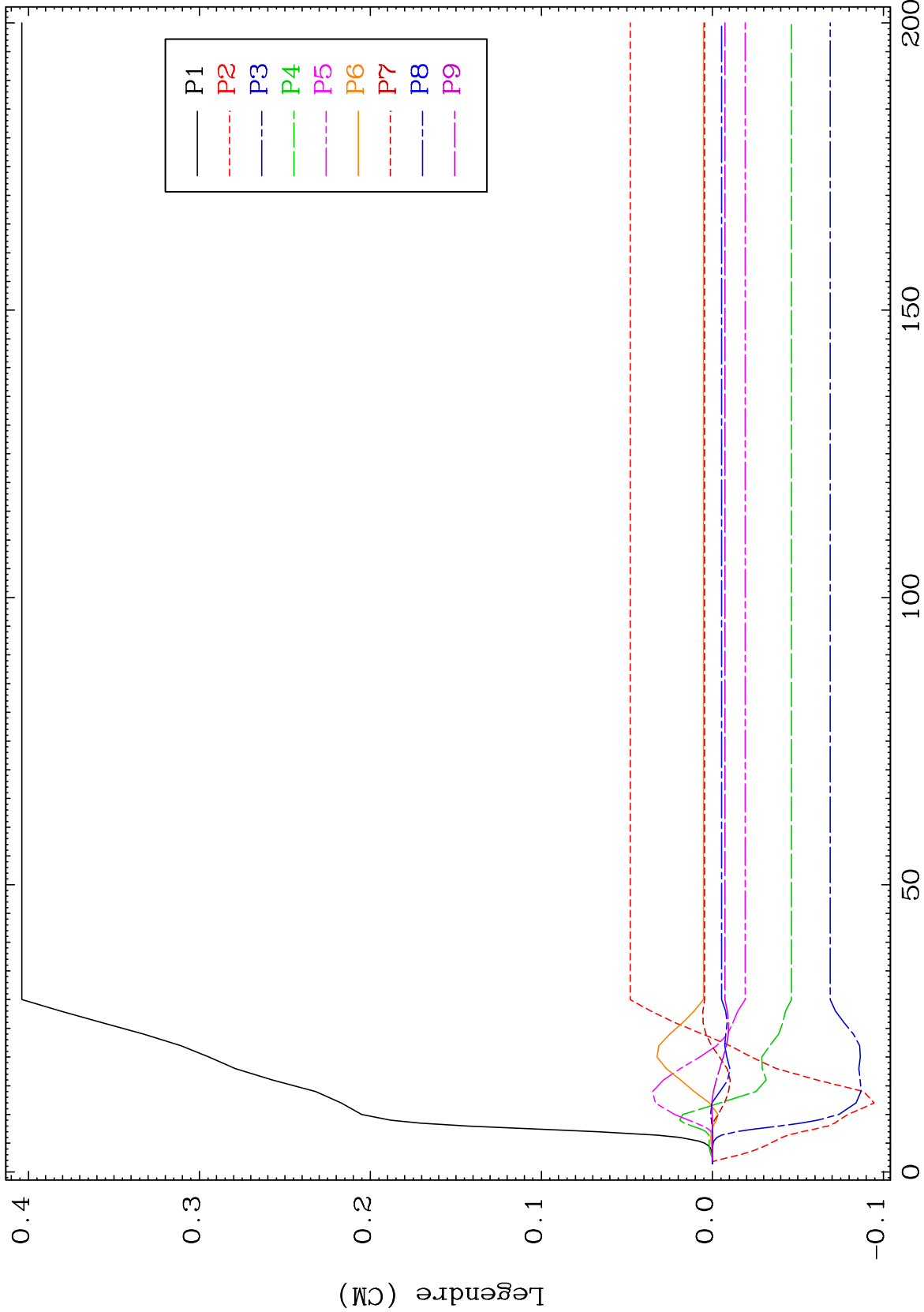
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



117

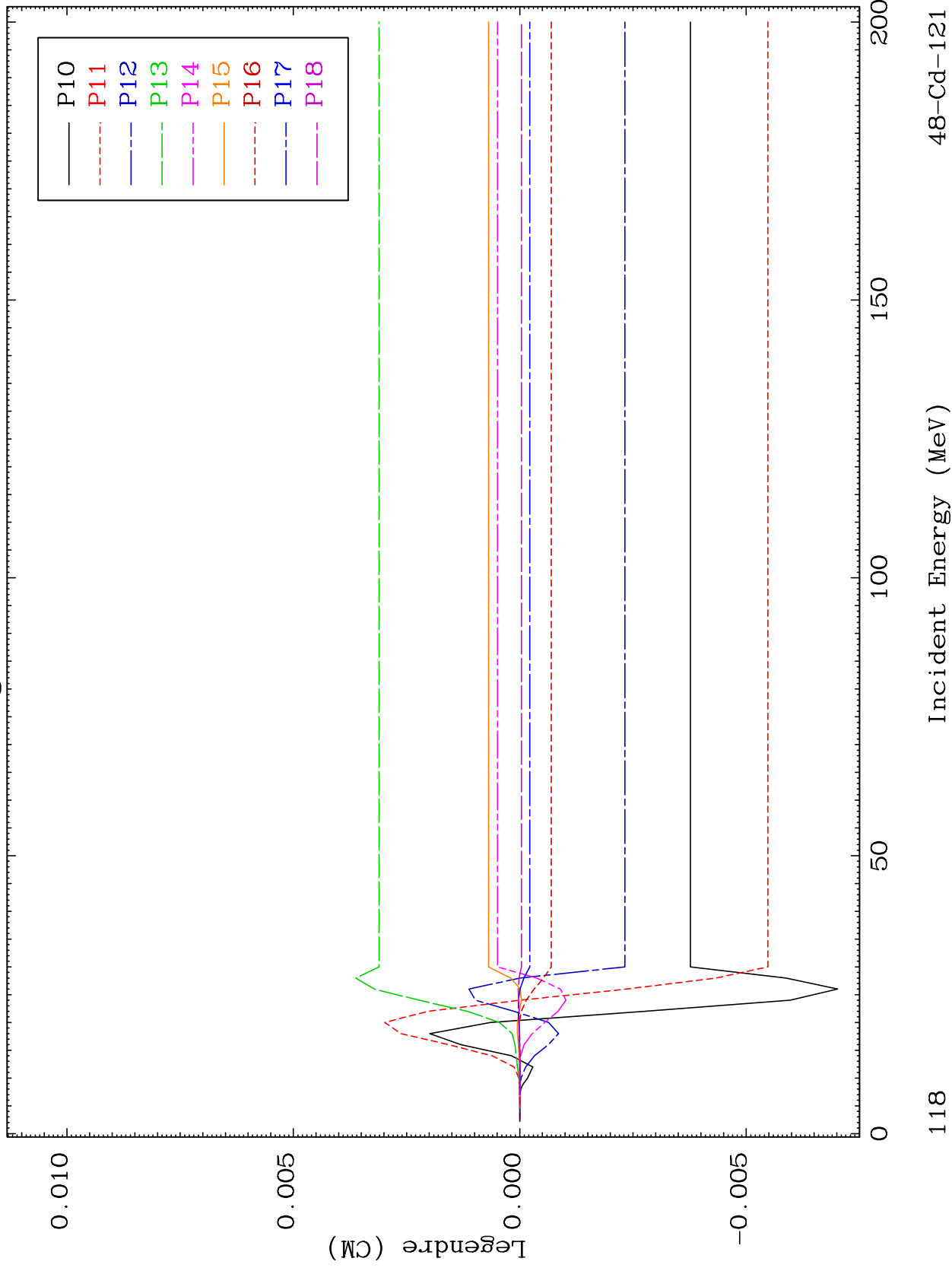
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



118

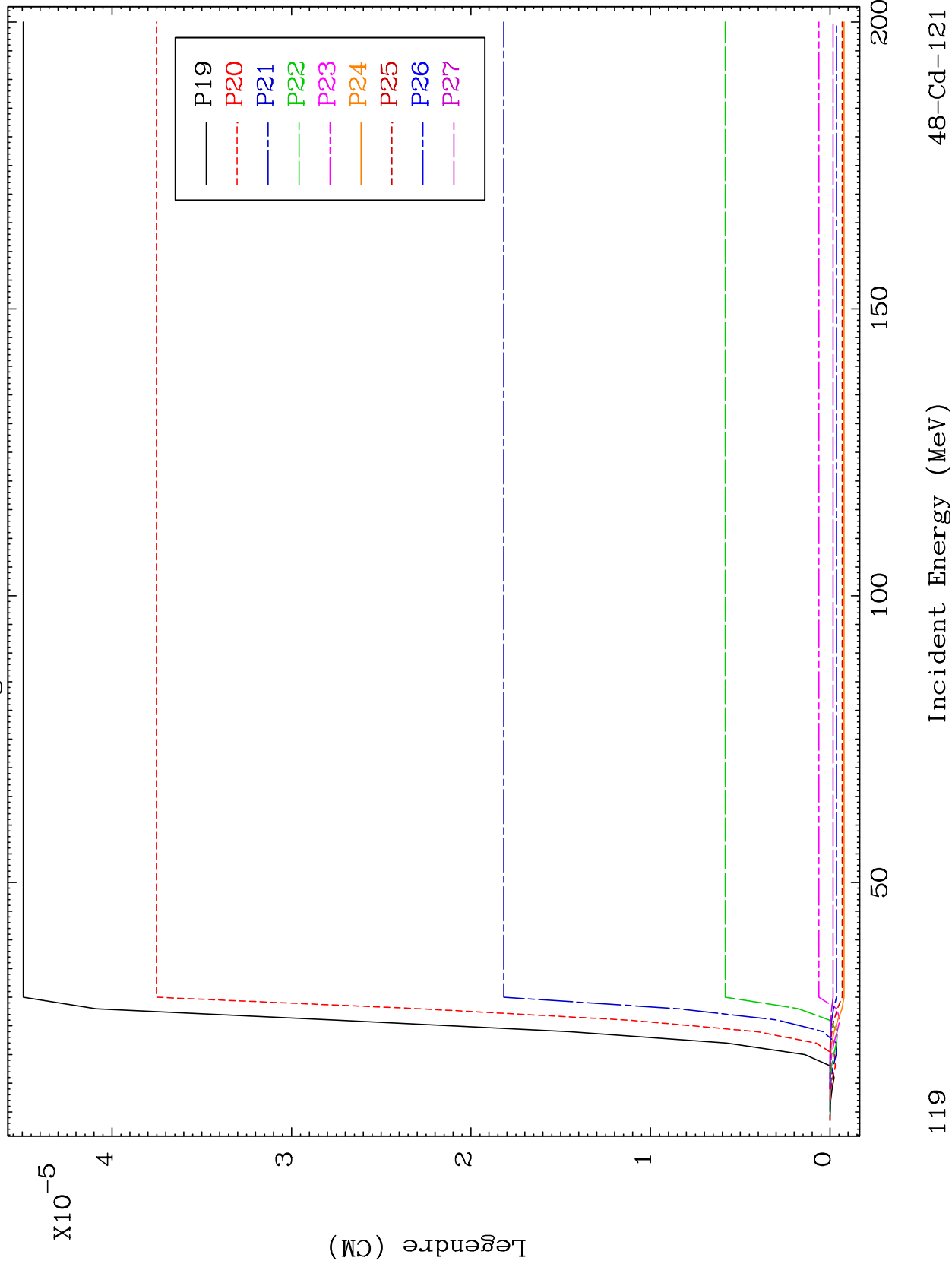
Incident Energy (MeV)

48-Cd-121

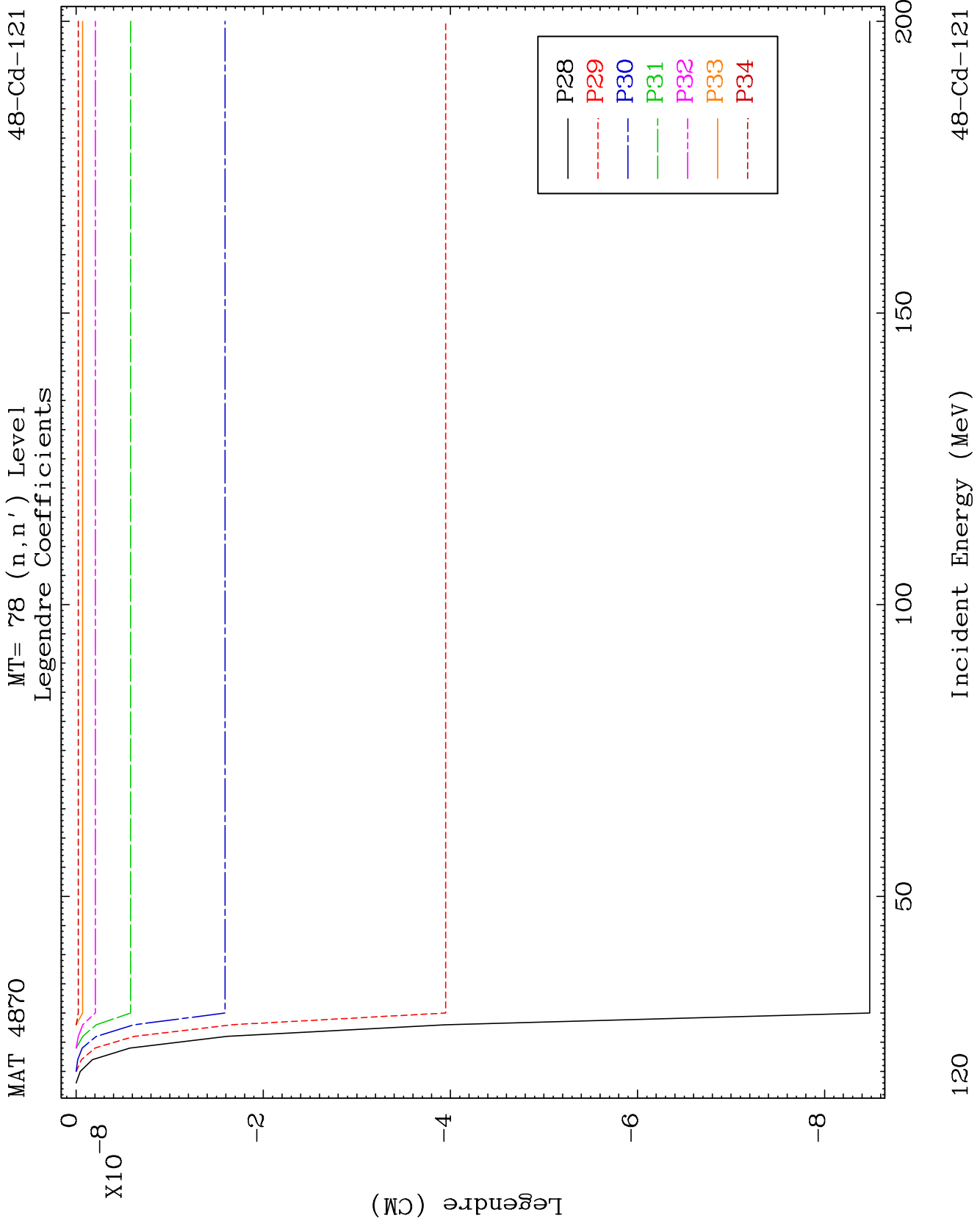
MAT 4870

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

48-Cd-121



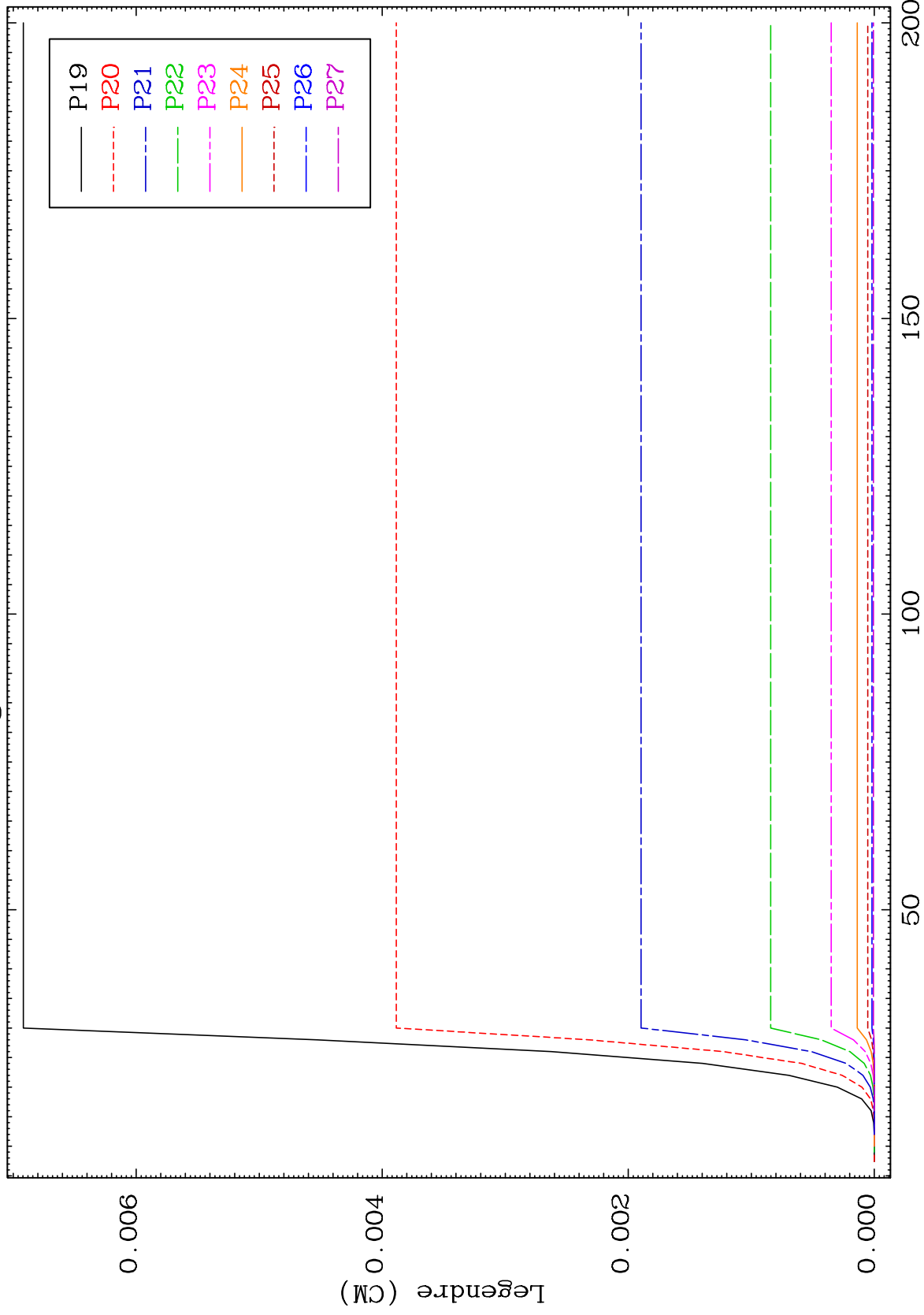
119



MAT 4870

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

48-Cd-121



123

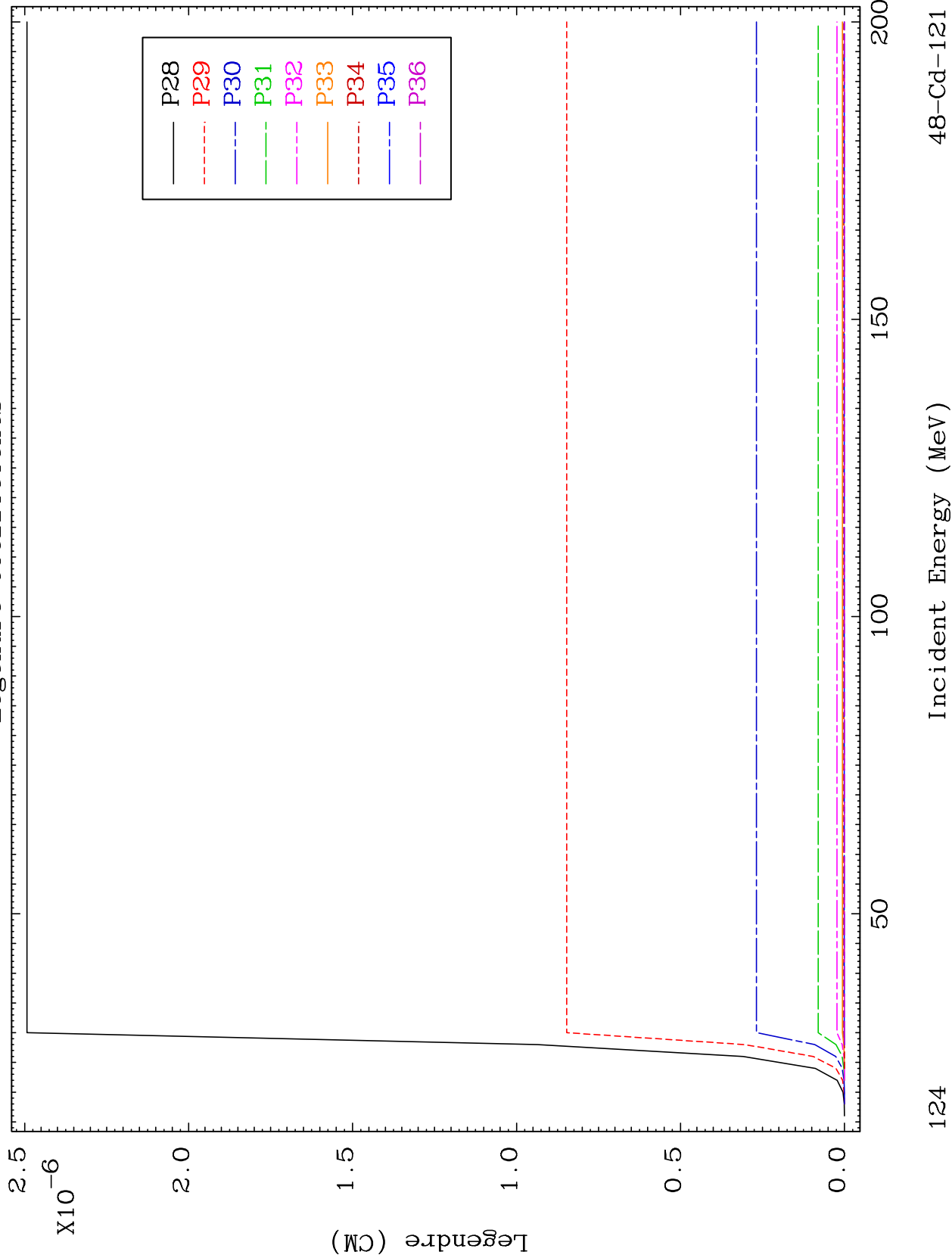
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

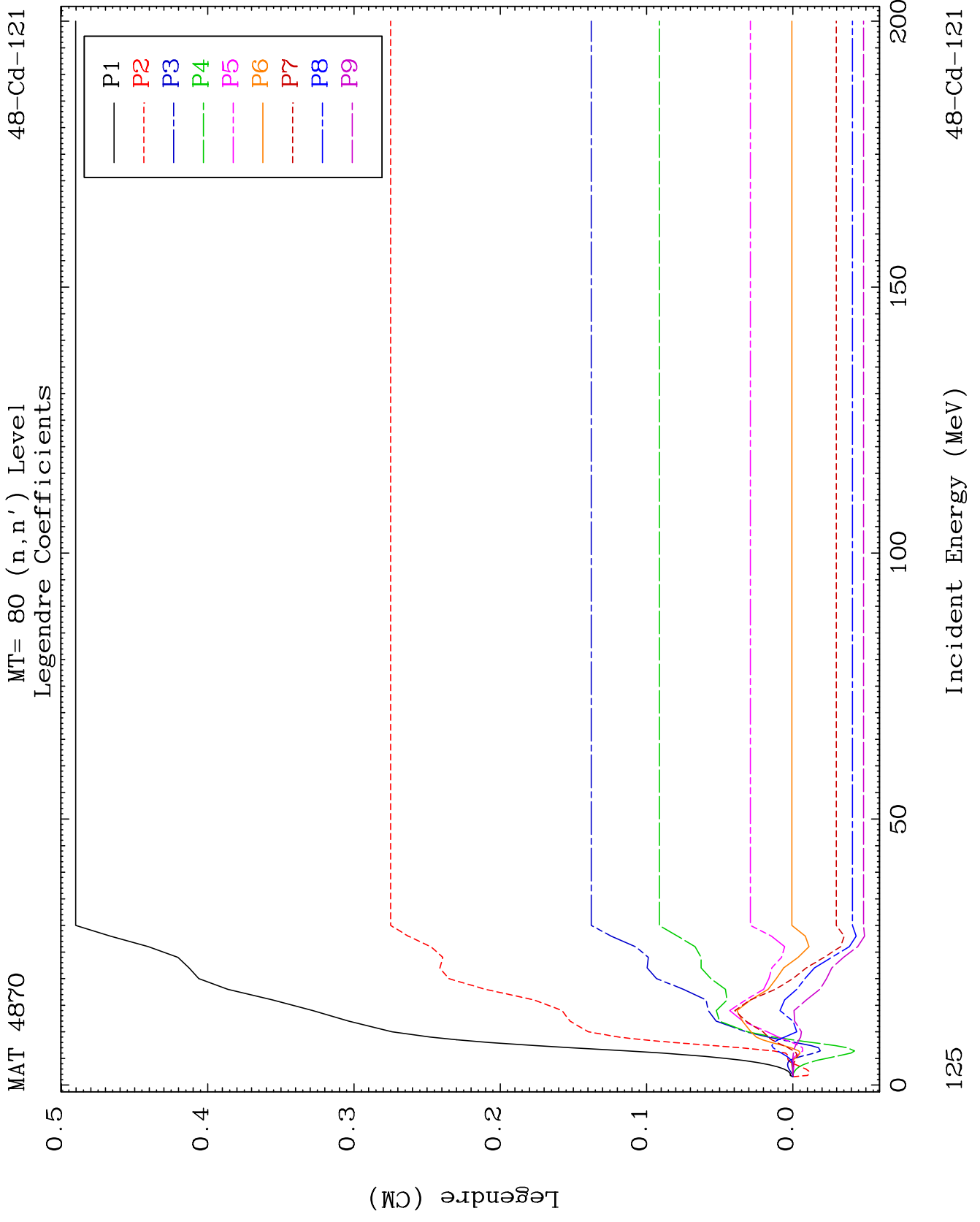
48-Cd-121

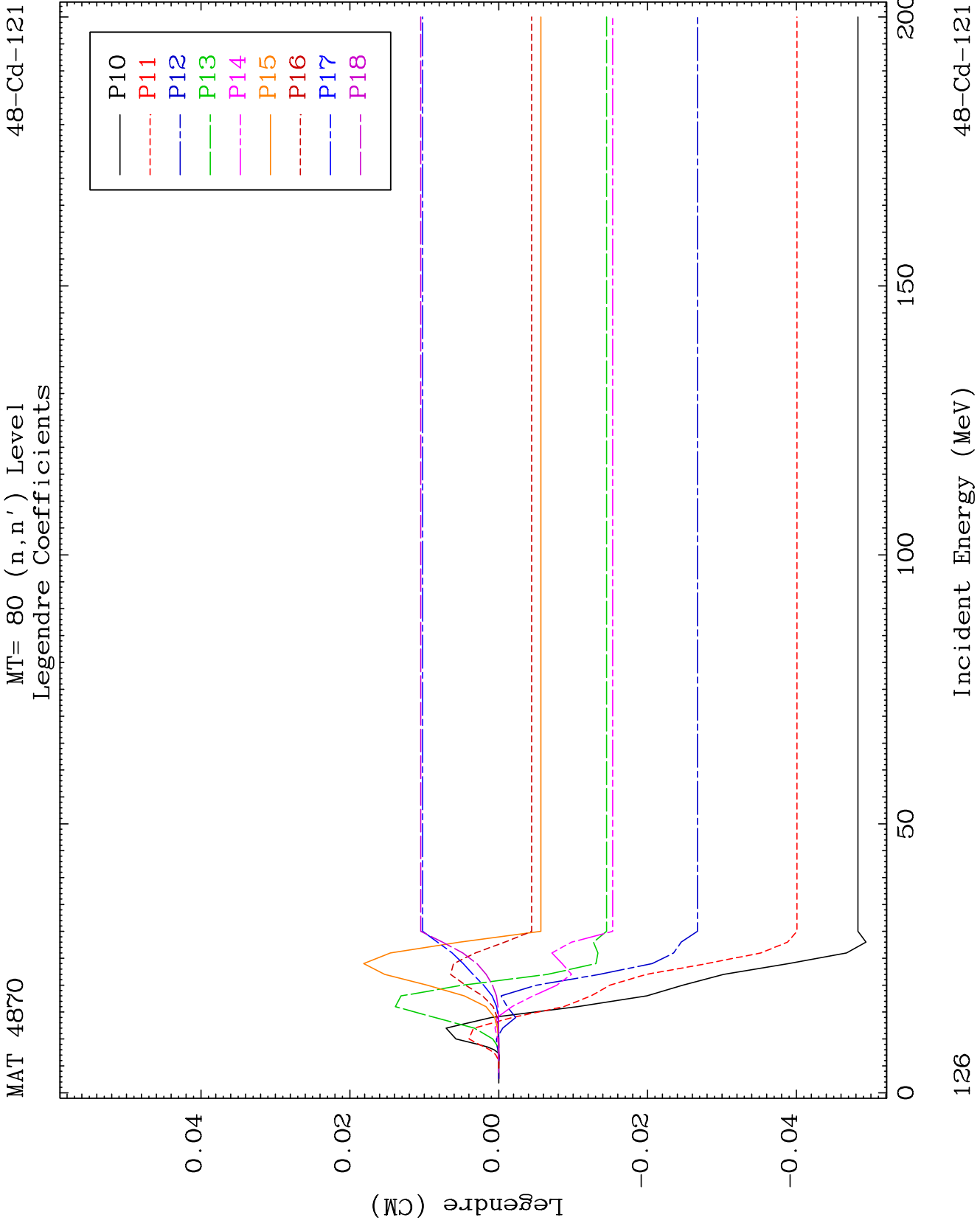


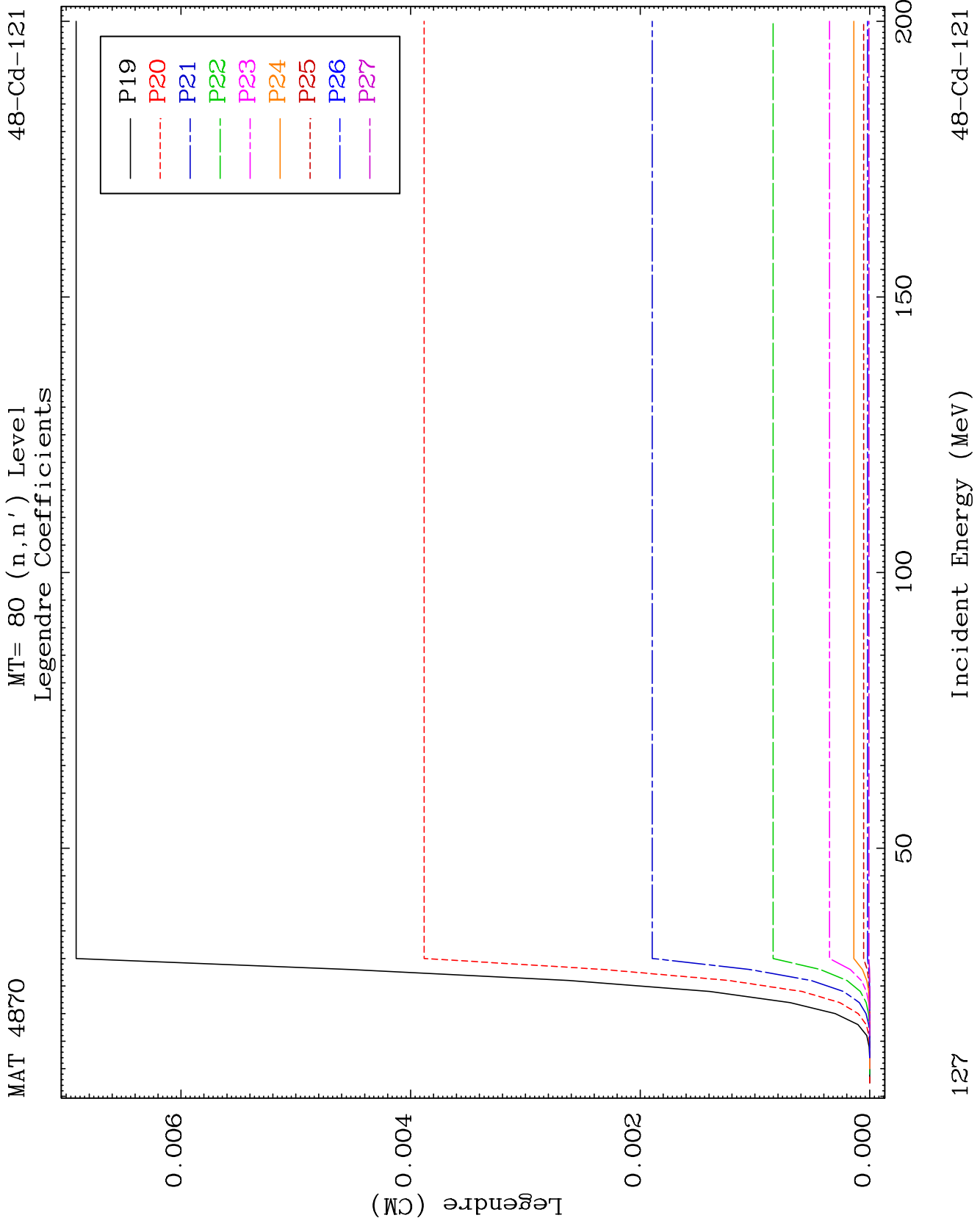
124

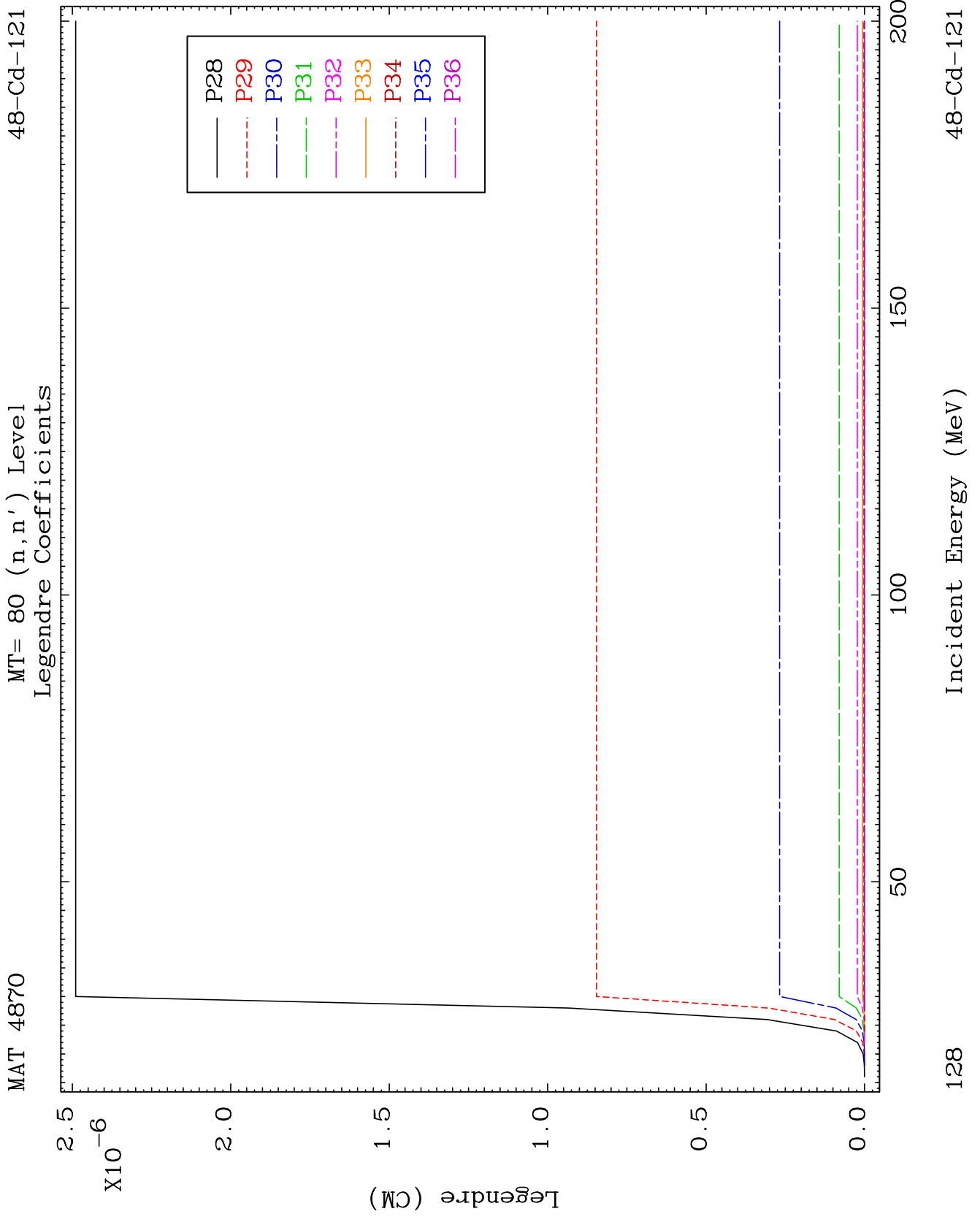
Incident Energy (MeV)

48-Cd-121





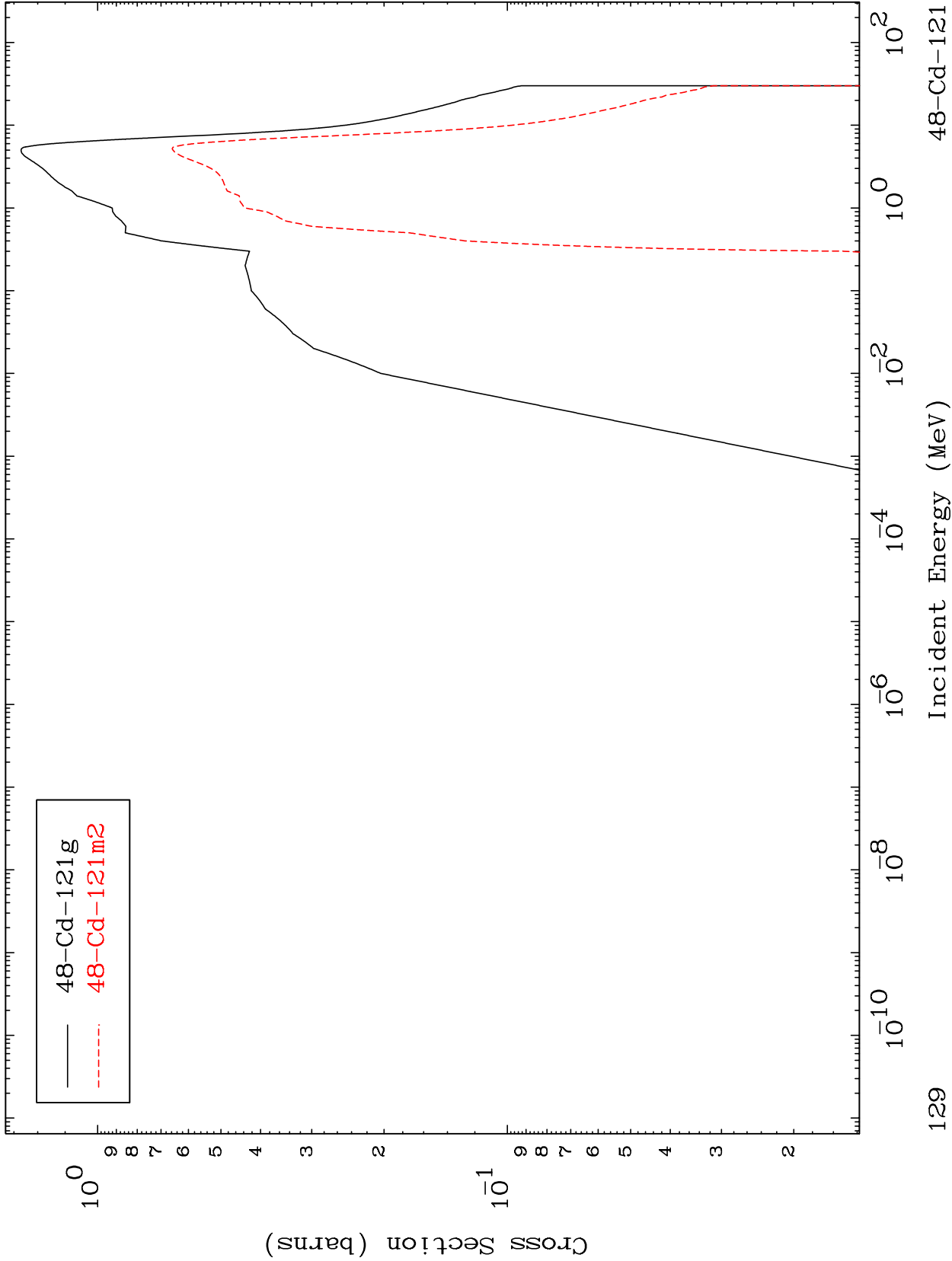




MAT 4870

Radionuclide Production Cross Section

48-Cd-121

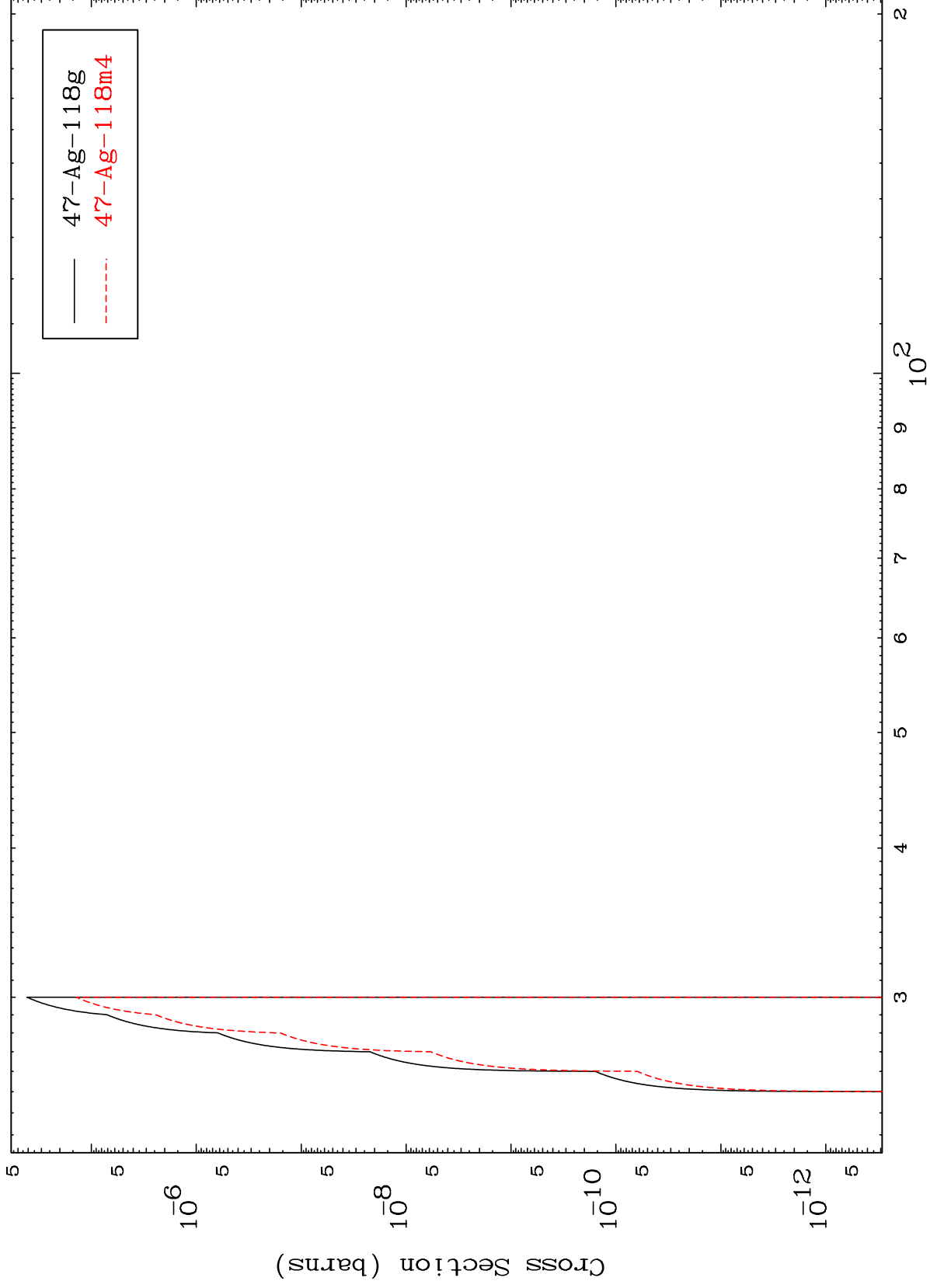


MAT 4870

(n,2n) d

48-Cd-121

Radionuclide Production Cross Section



130

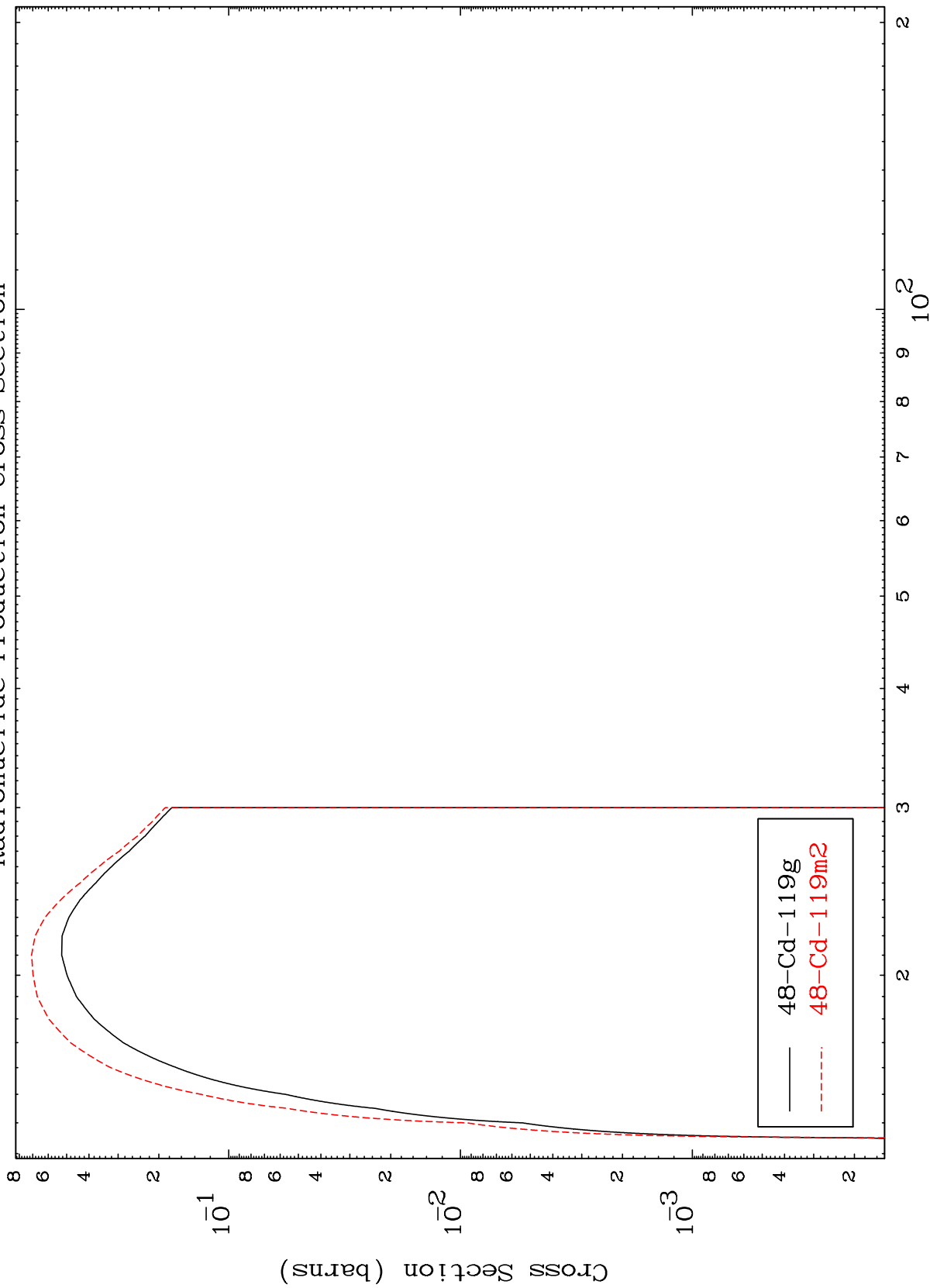
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

(n,3n)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

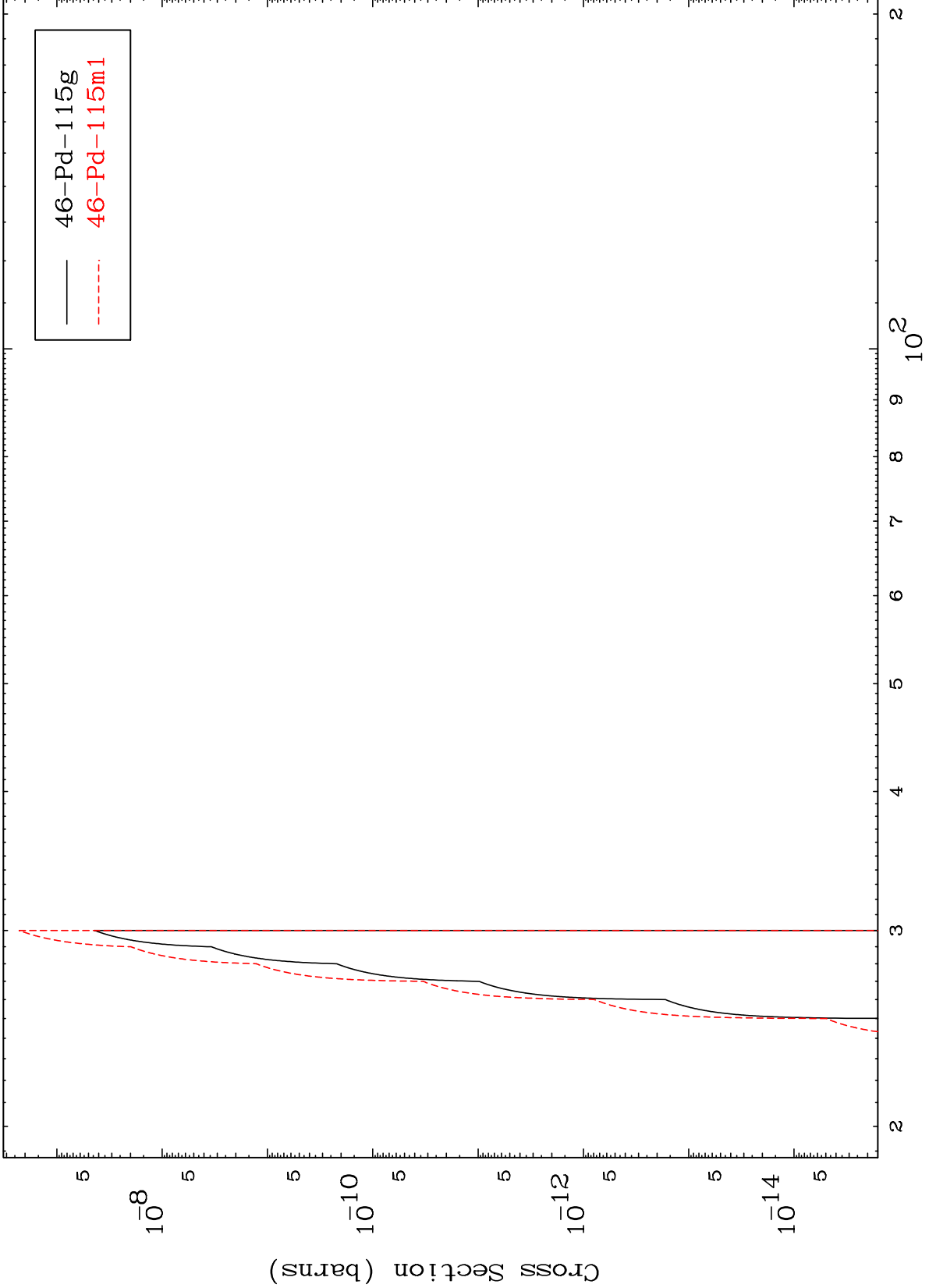
48-Cd-121

MAT 4870

(n,3n) α

48-Cd-121

Radionuclide Production Cross Section



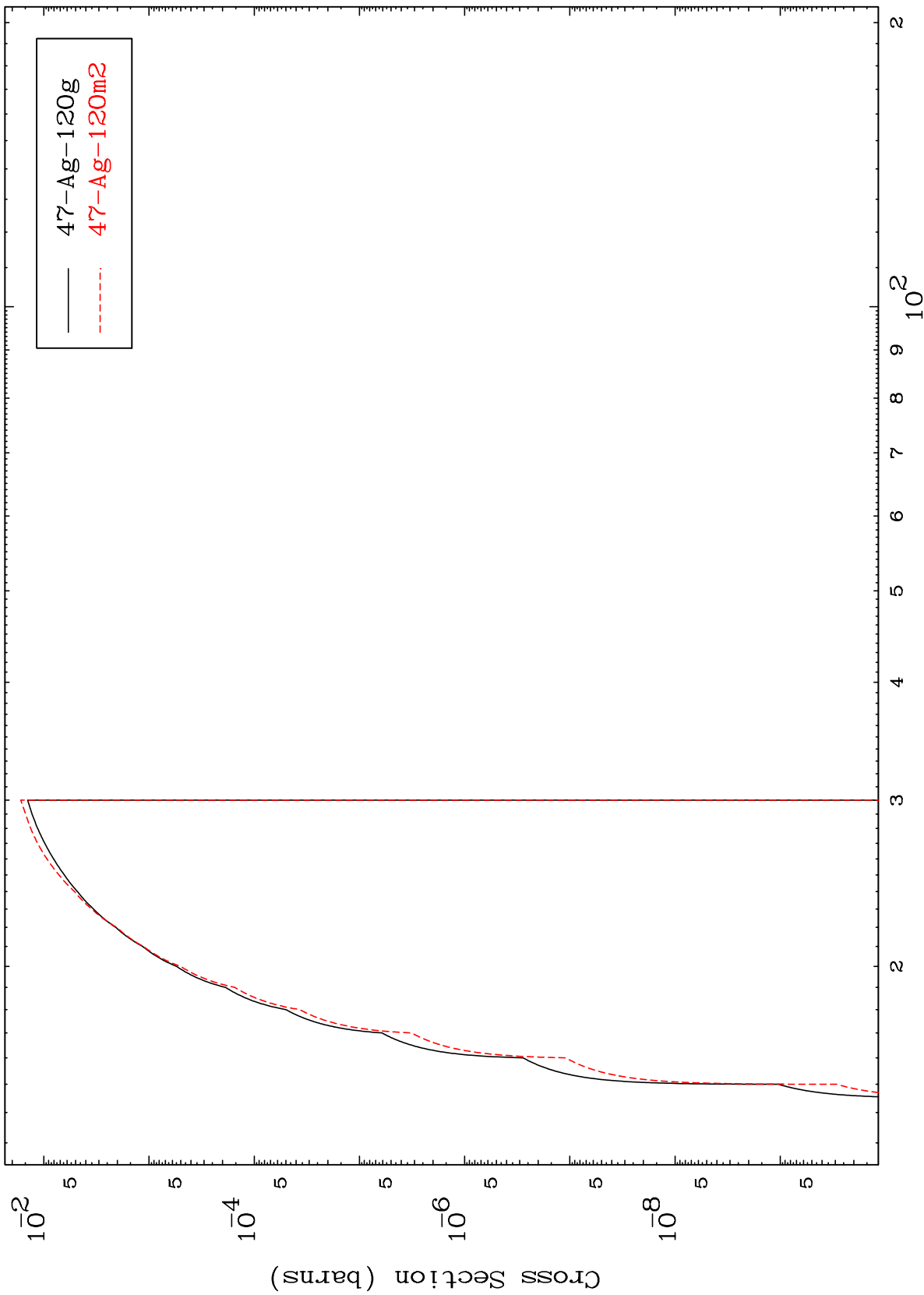
46-Pd-115g
46-Pd-115m1

132

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section

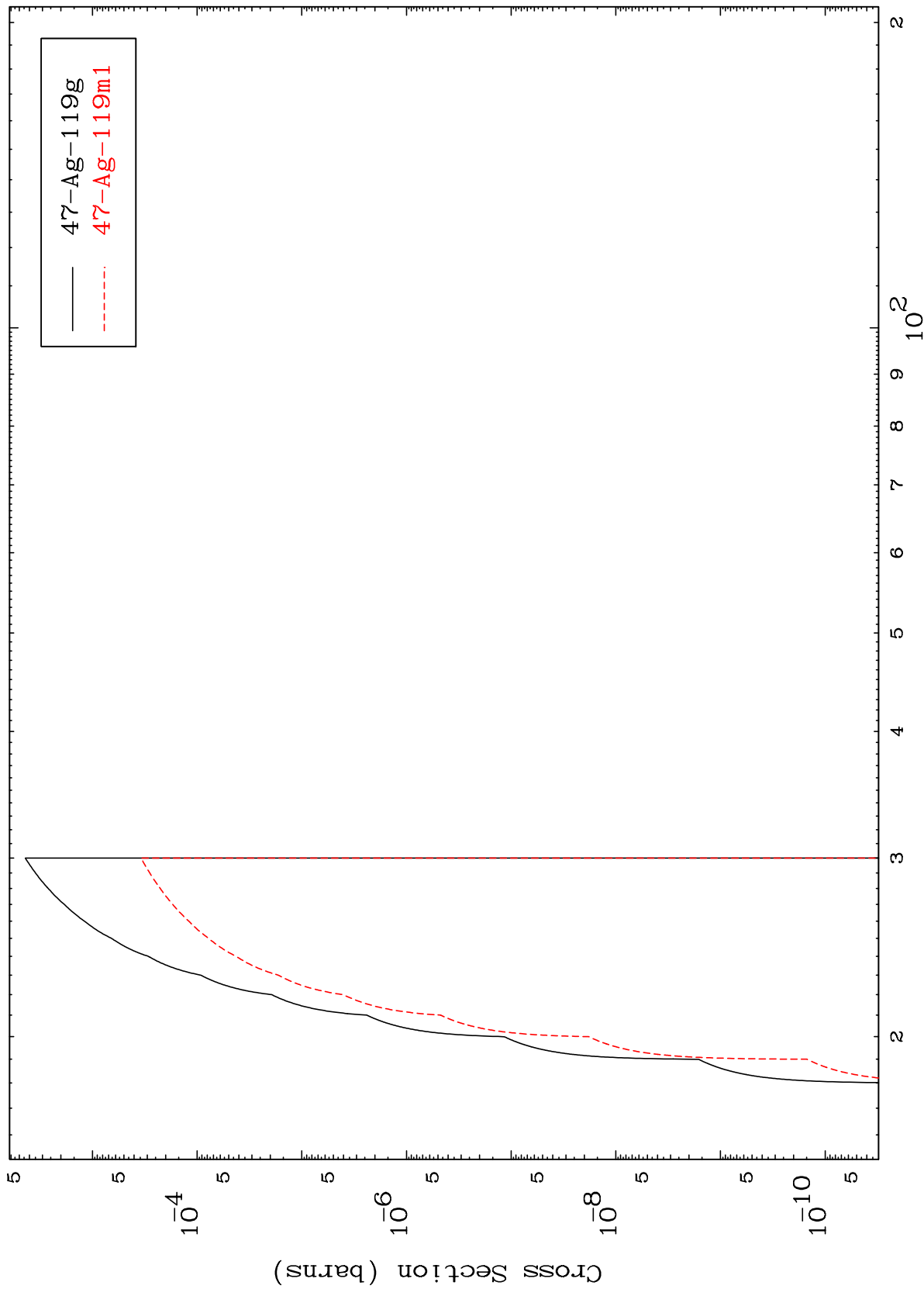


MAT 4870

(n,n') d

48-Cd-121

Radionuclide Production Cross Section



134

Incident Energy (MeV)

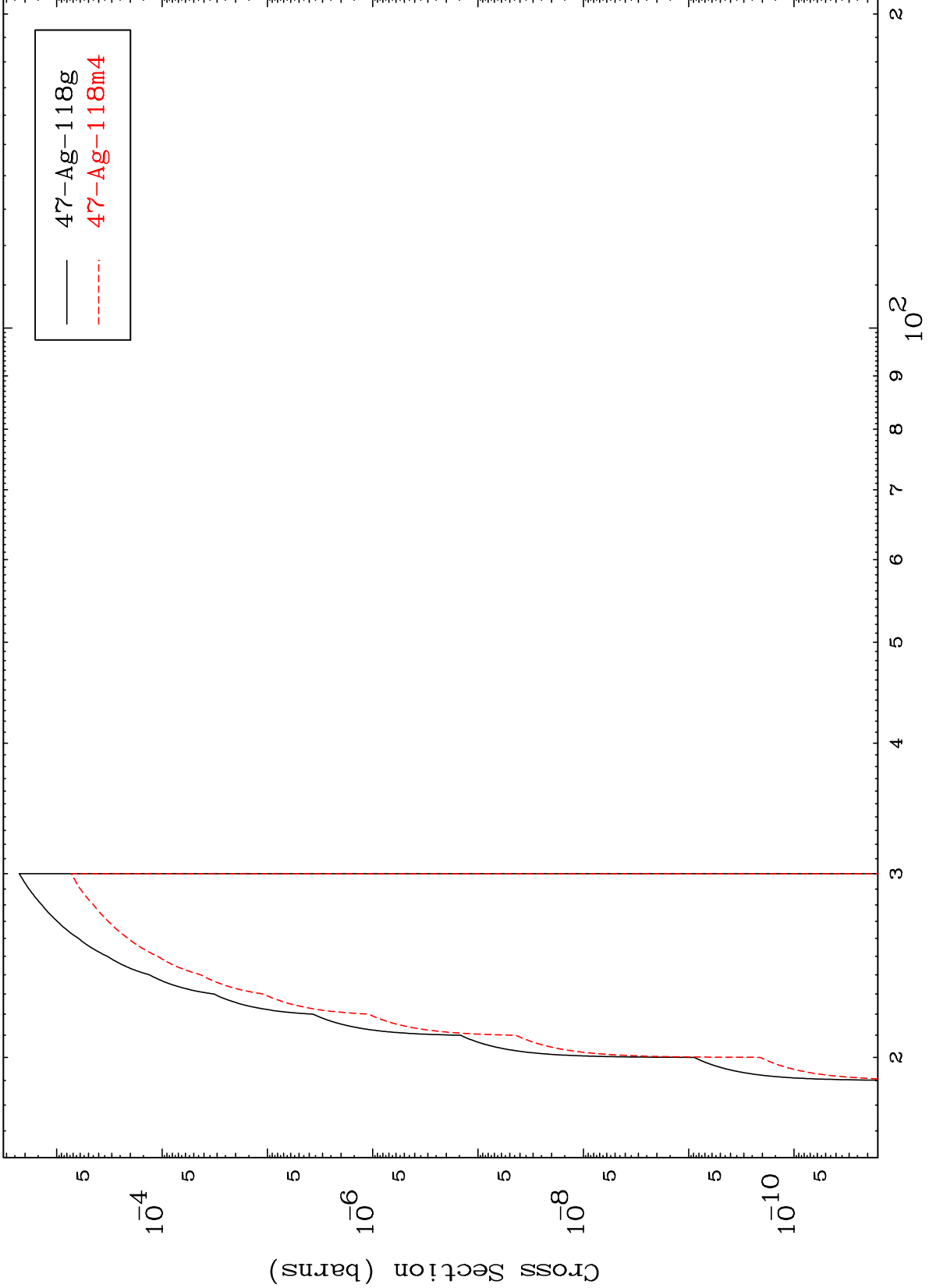
48-Cd-121

MAT 4870

(n,n') t

48-Cd-121

Radionuclide Production Cross Section



135

Incident Energy (MeV)

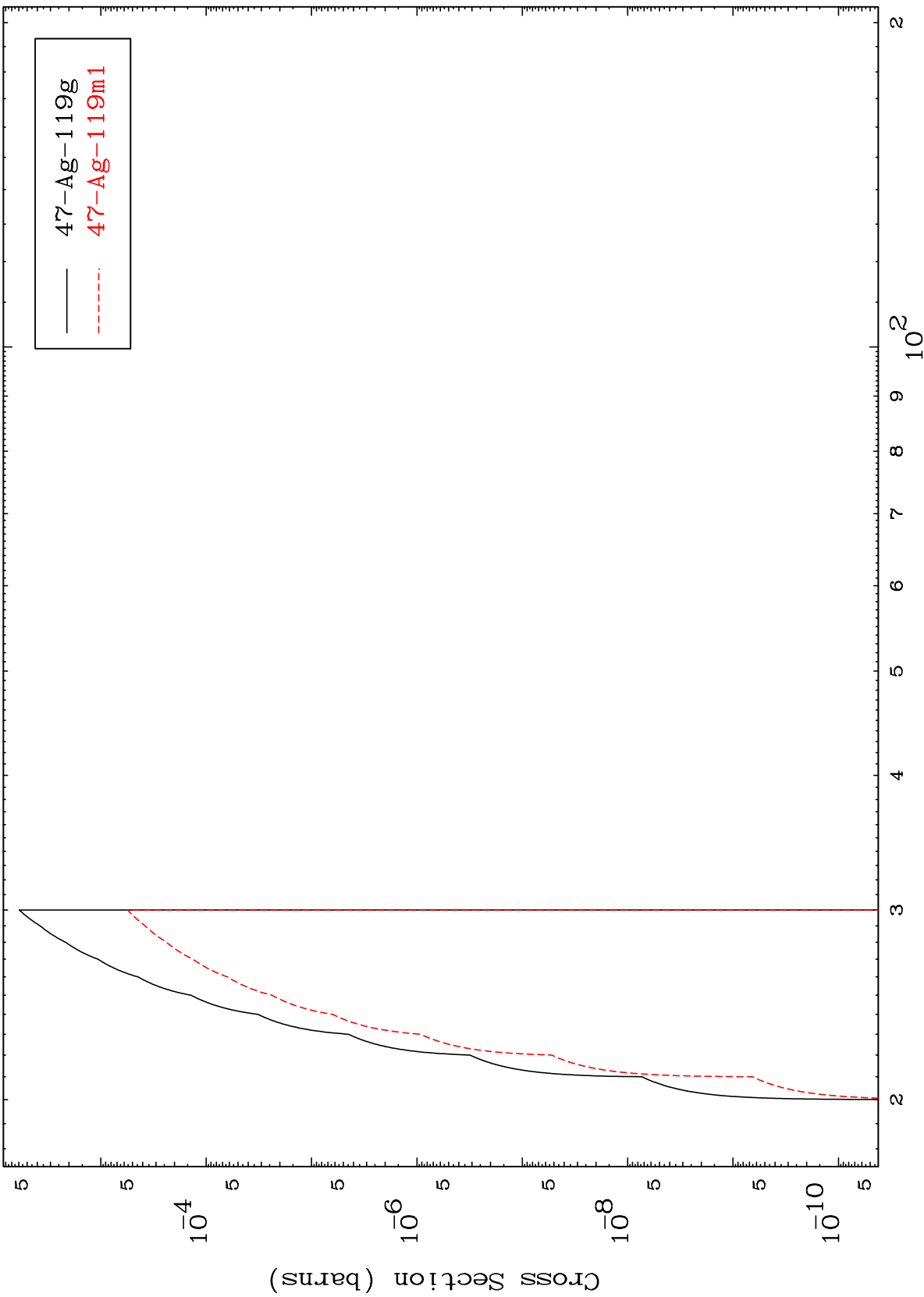
48-Cd-121

MAT 4870

(n,2n) p

48-Cd-121

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

136

Incident Energy (MeV)

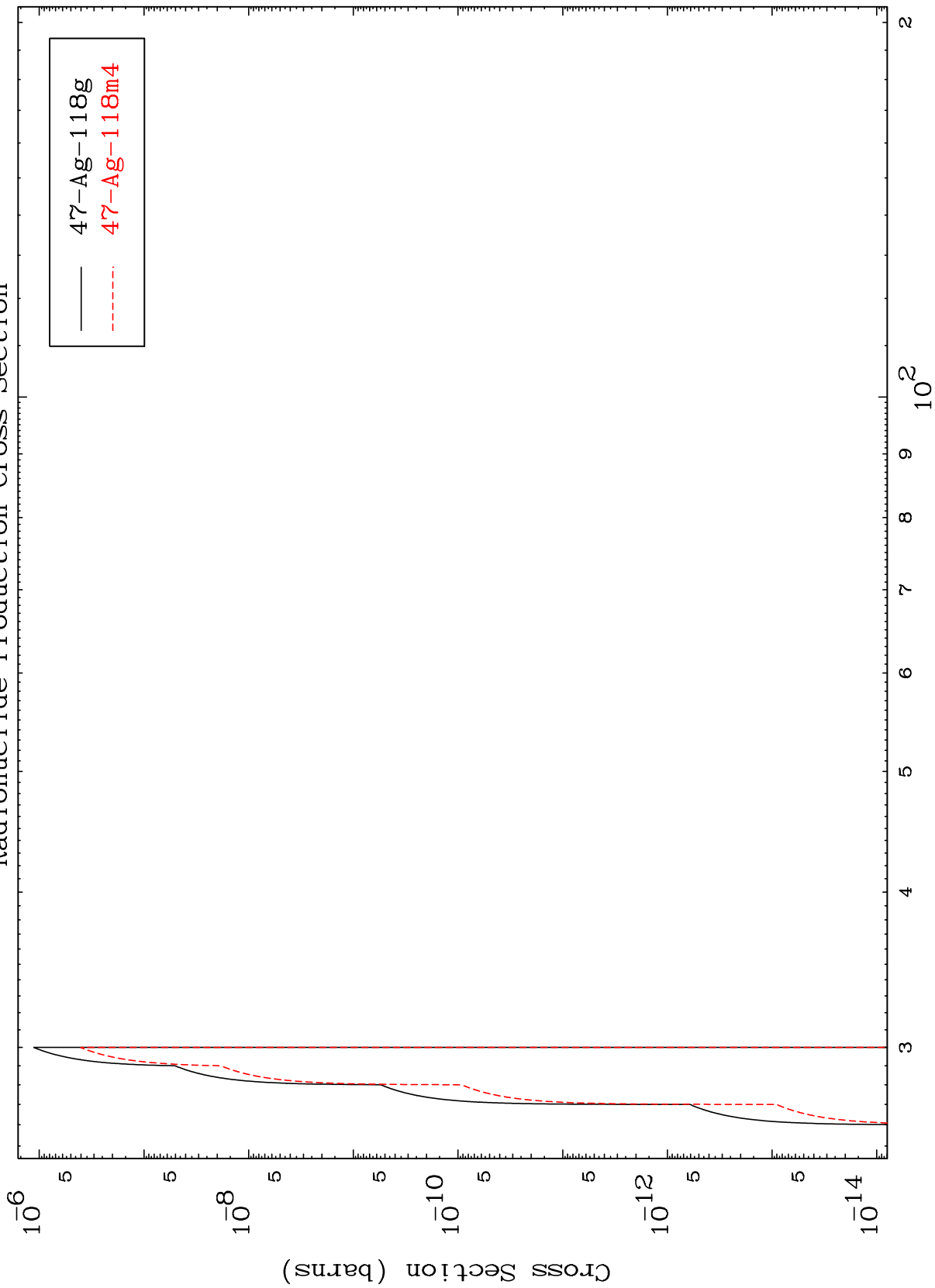
48-Cd-121

MAT 4870

(n,3n) p

48-Cd-121

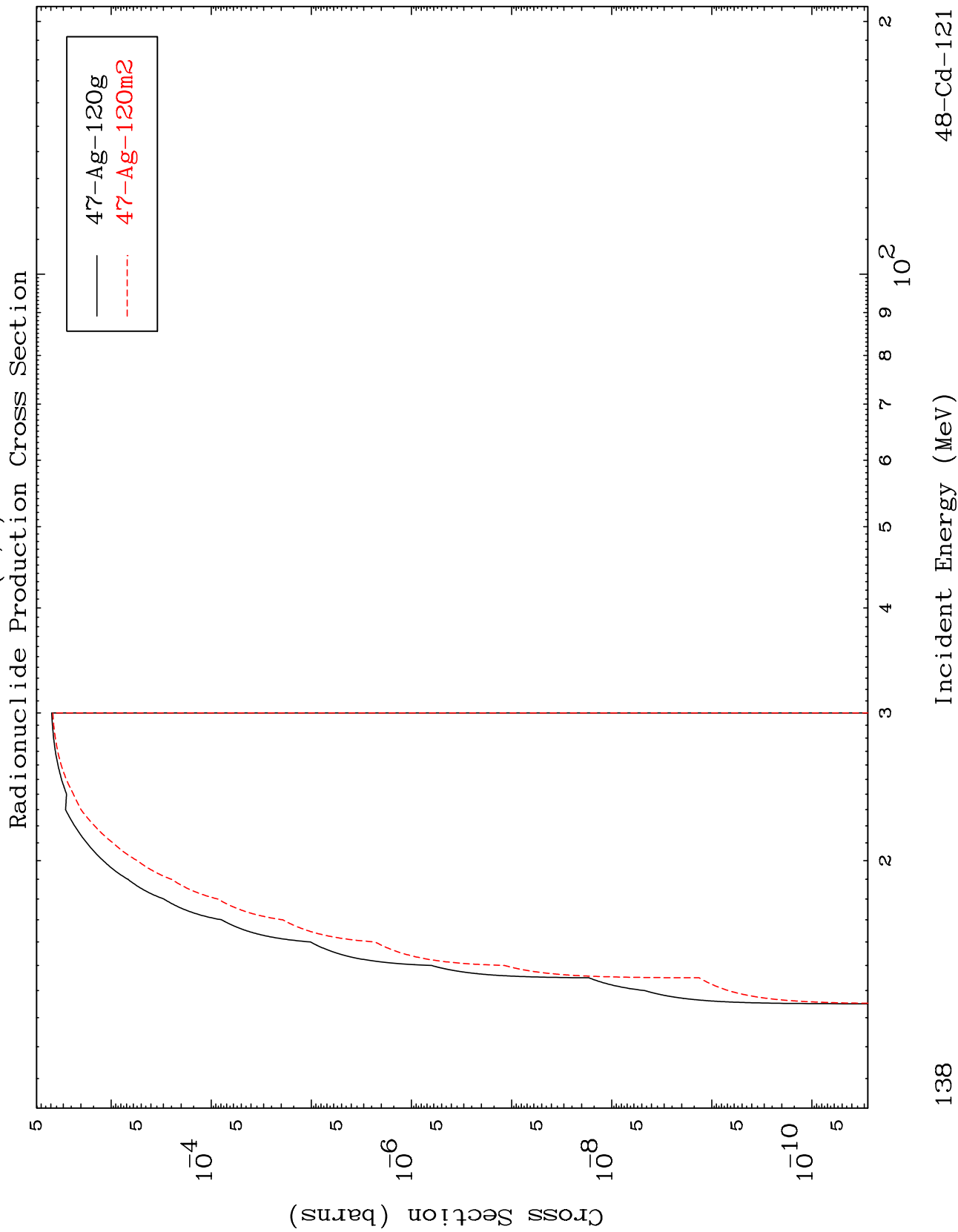
Radionuclide Production Cross Section



137

Incident Energy (MeV)

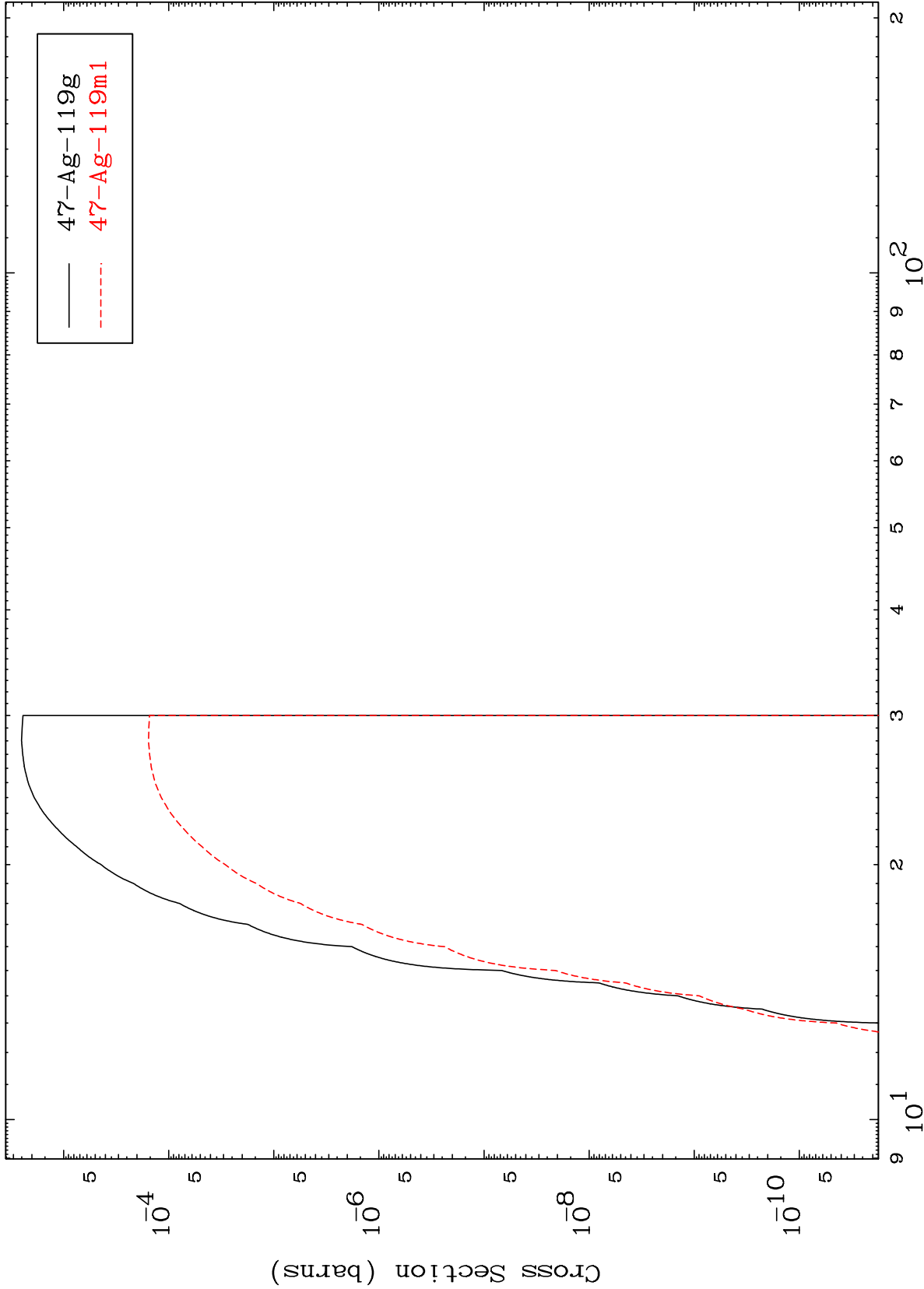
48-Cd-121



MAT 4870

48-Cd-121

(n,t)
Radionuclide Production Cross Section



48-Cd-121

Incident Energy (MeV)

139