

Program EVALPLOT
(Version 2015-2)

by

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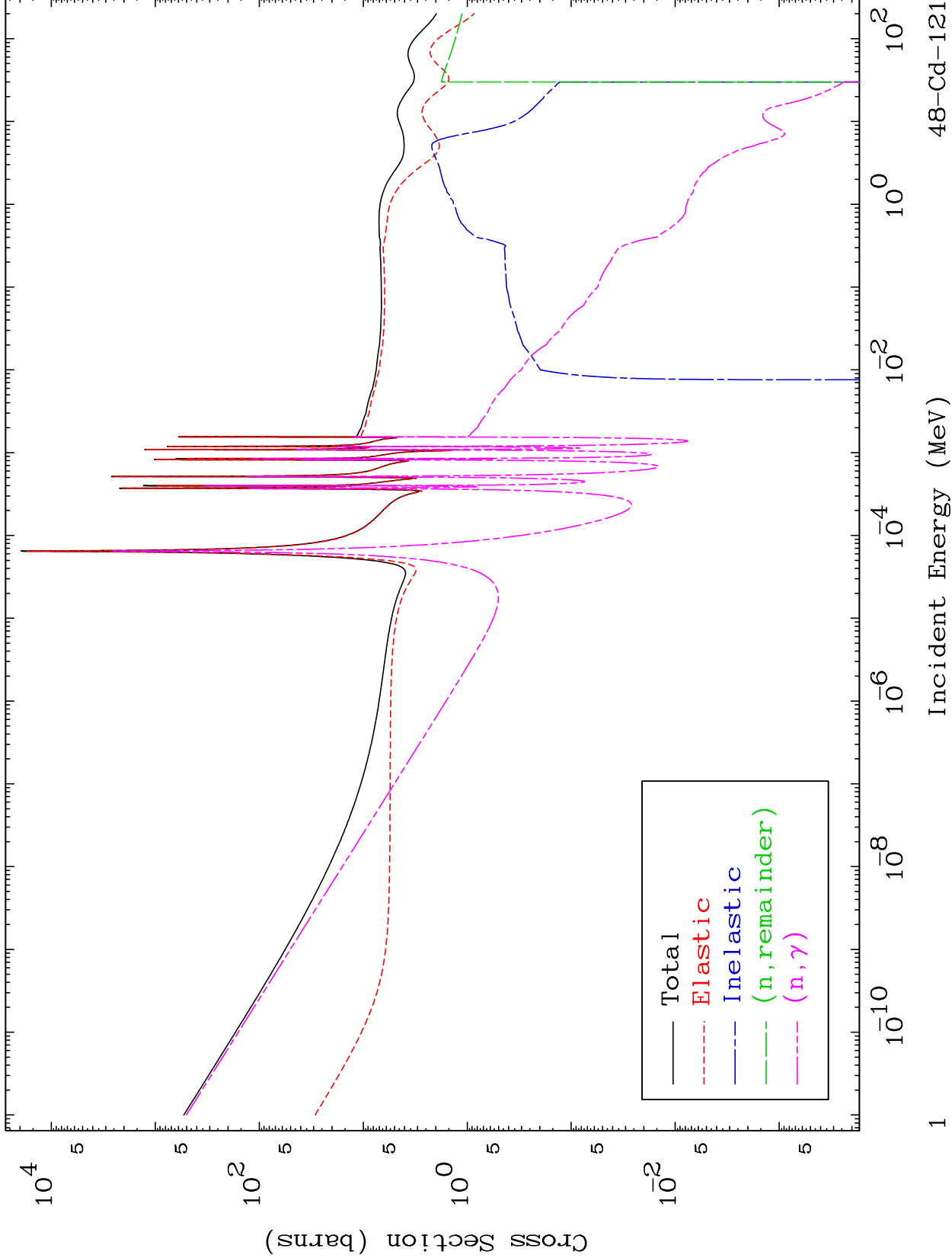
Press Mouse Button to Start

MAT 4870

Major

293 Kelvin Cross Sections

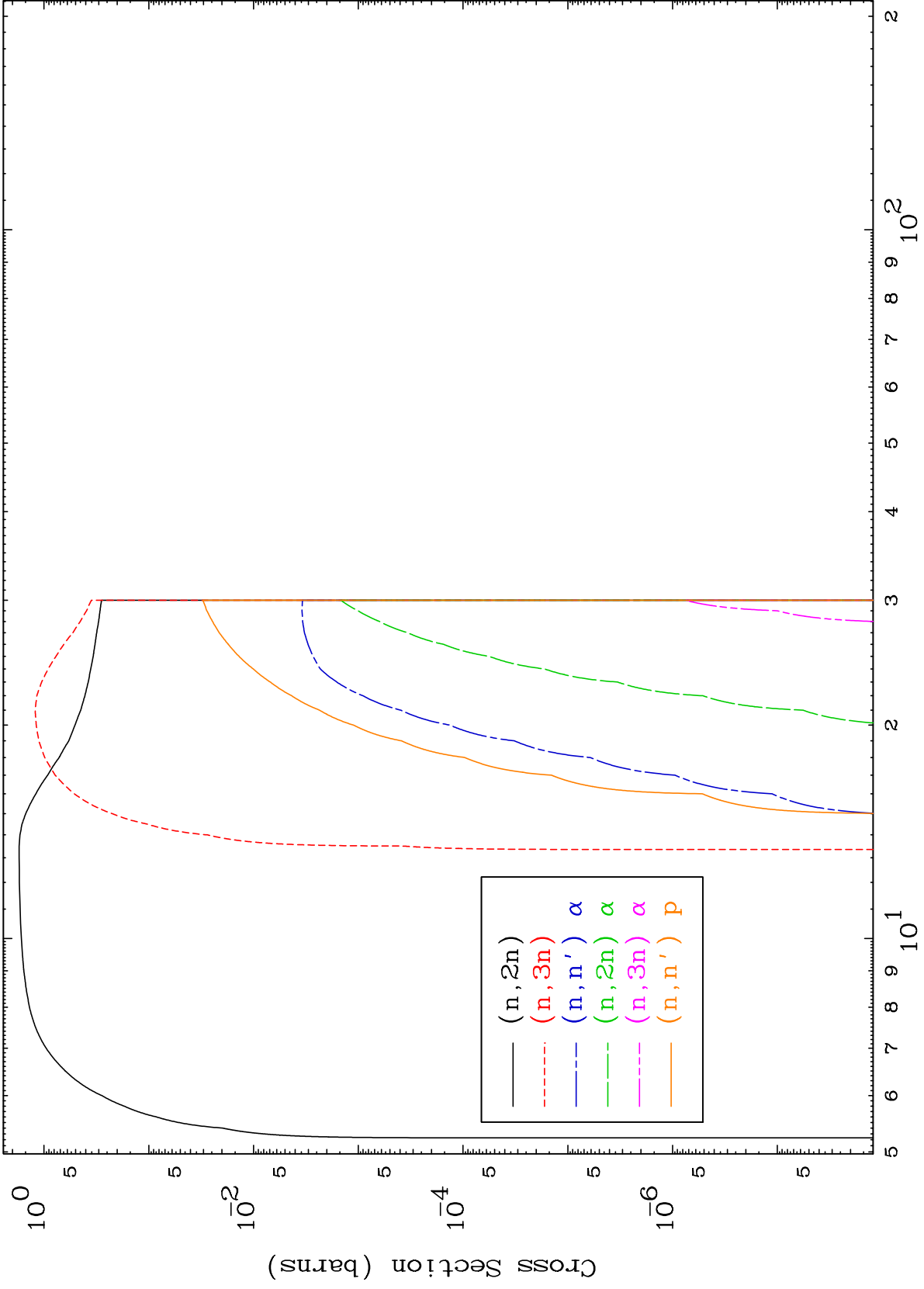
48-Cd-121

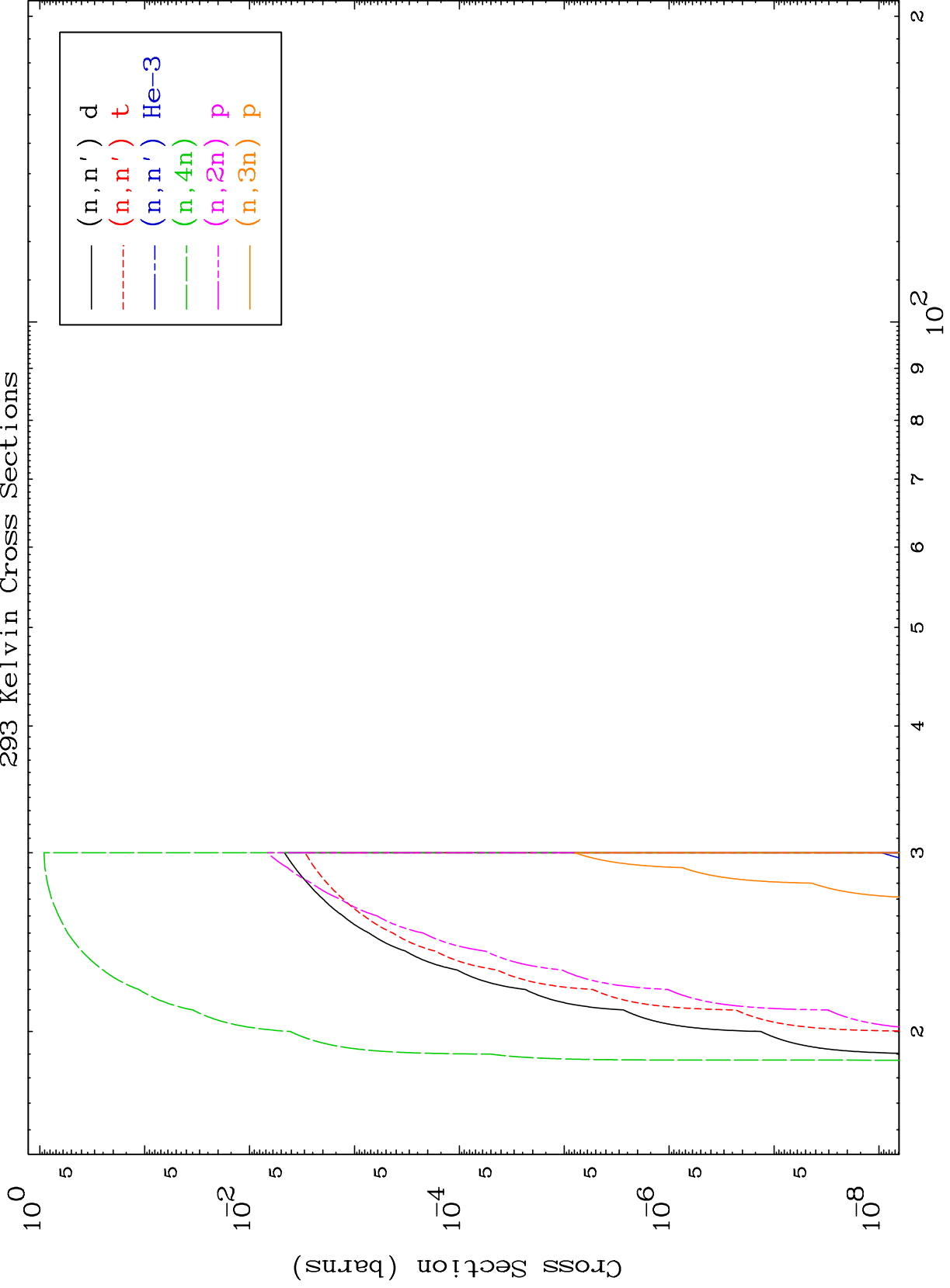


MAT 4870

Neutron Production
293 Kelvin Cross Sections

48-Cd-121

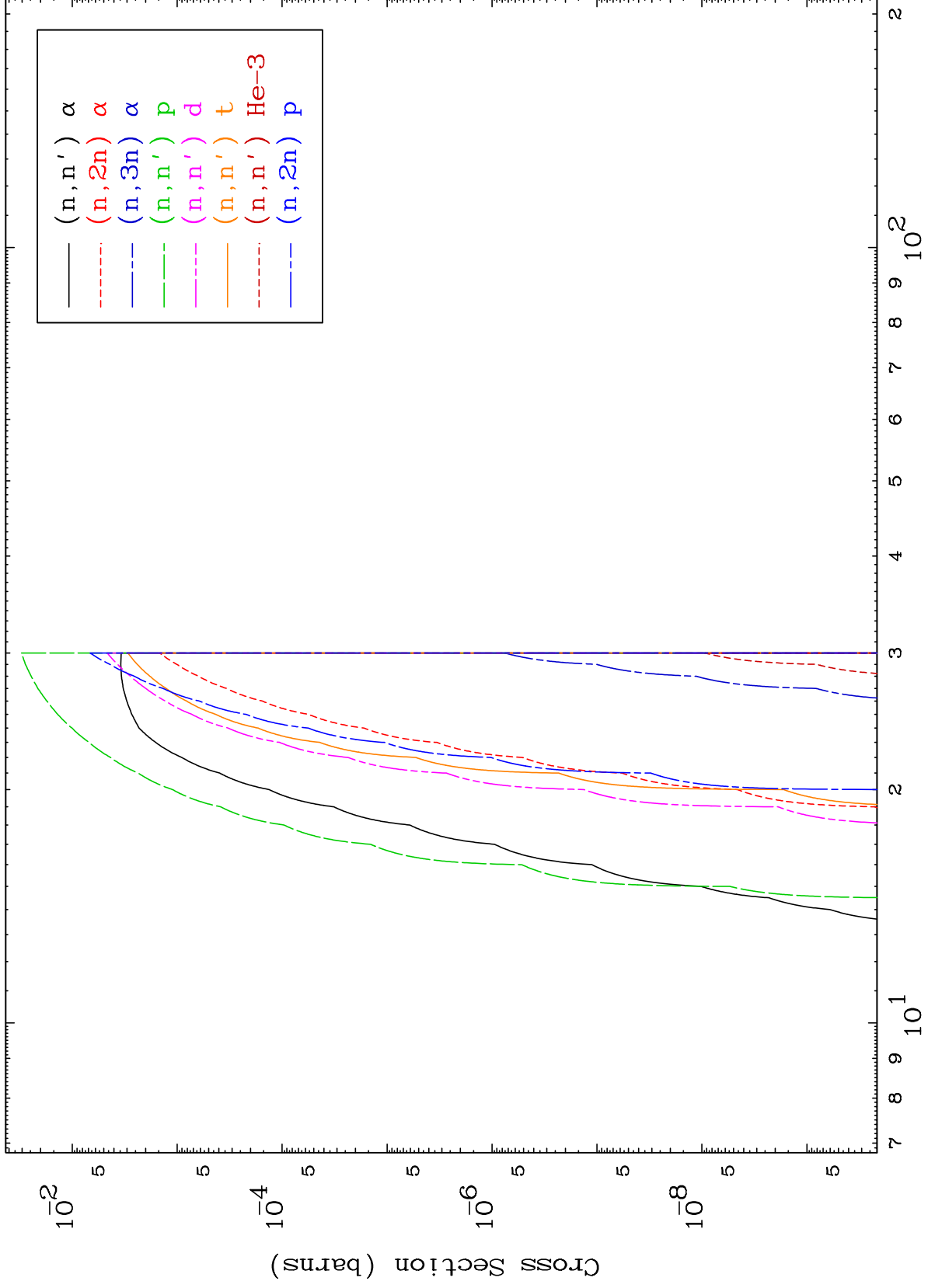




MAT 4870

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



4

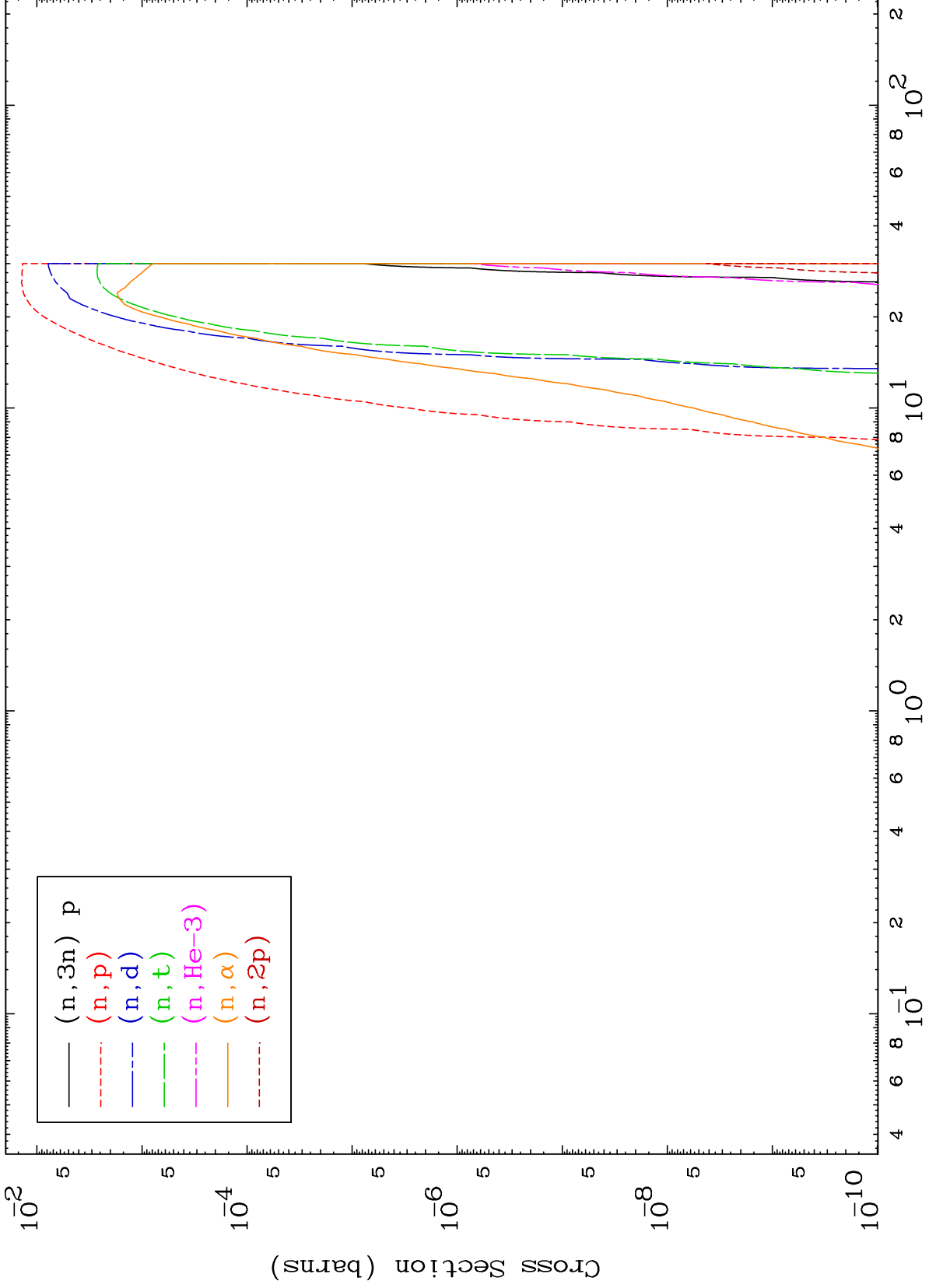
Incident Energy (MeV)

48-Cd-121

MAT 4870

Charged Particle
293 Kelvin Cross Sections

48-Cd-121



5

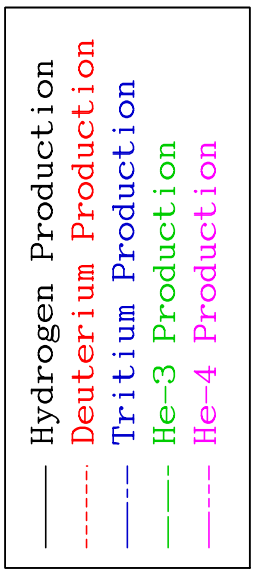
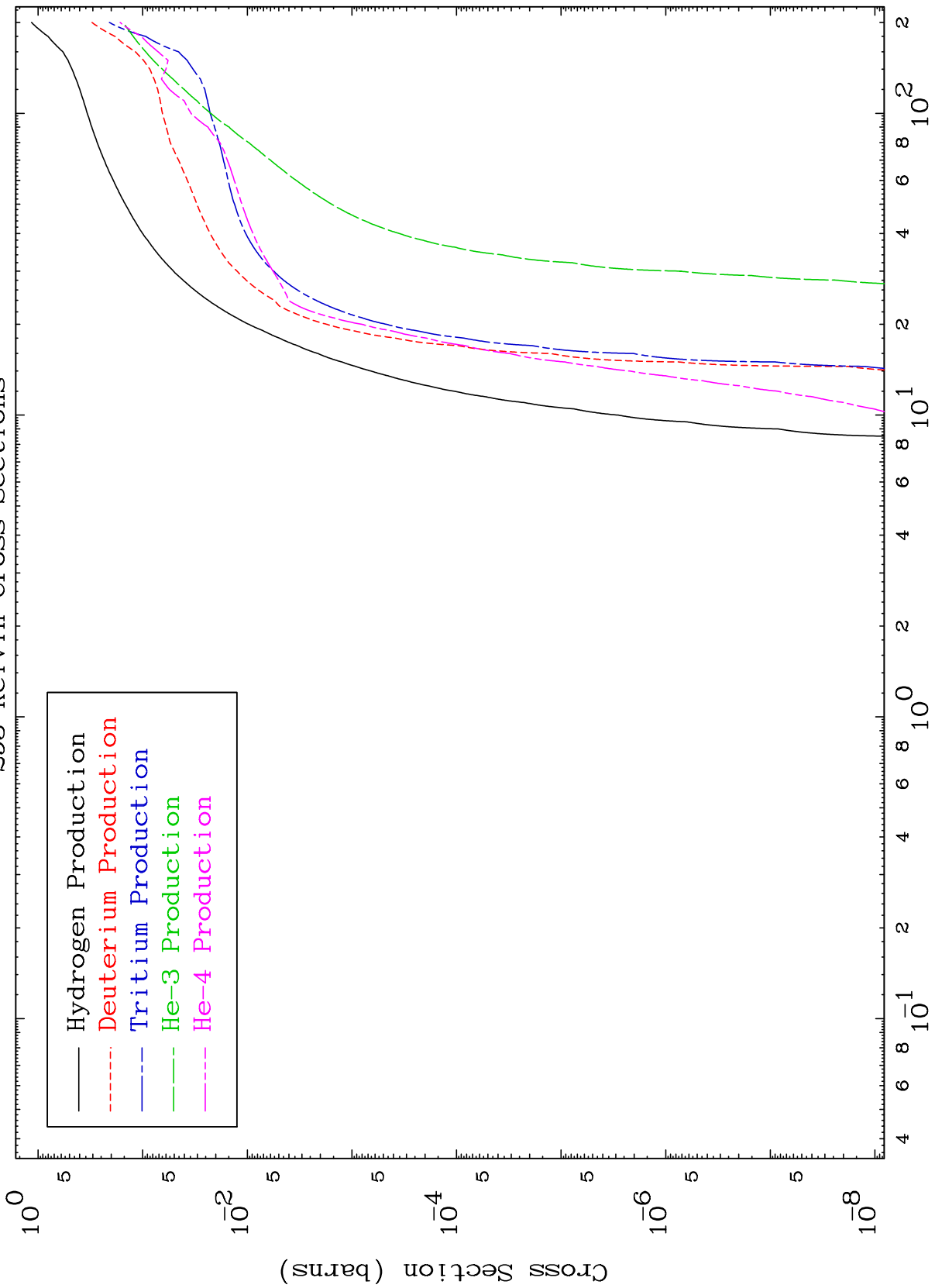
Incident Energy (MeV)

48-Cd-121

MAT 4870

Particle Production
293 Kelvin Cross Sections

48-Cd-121



6

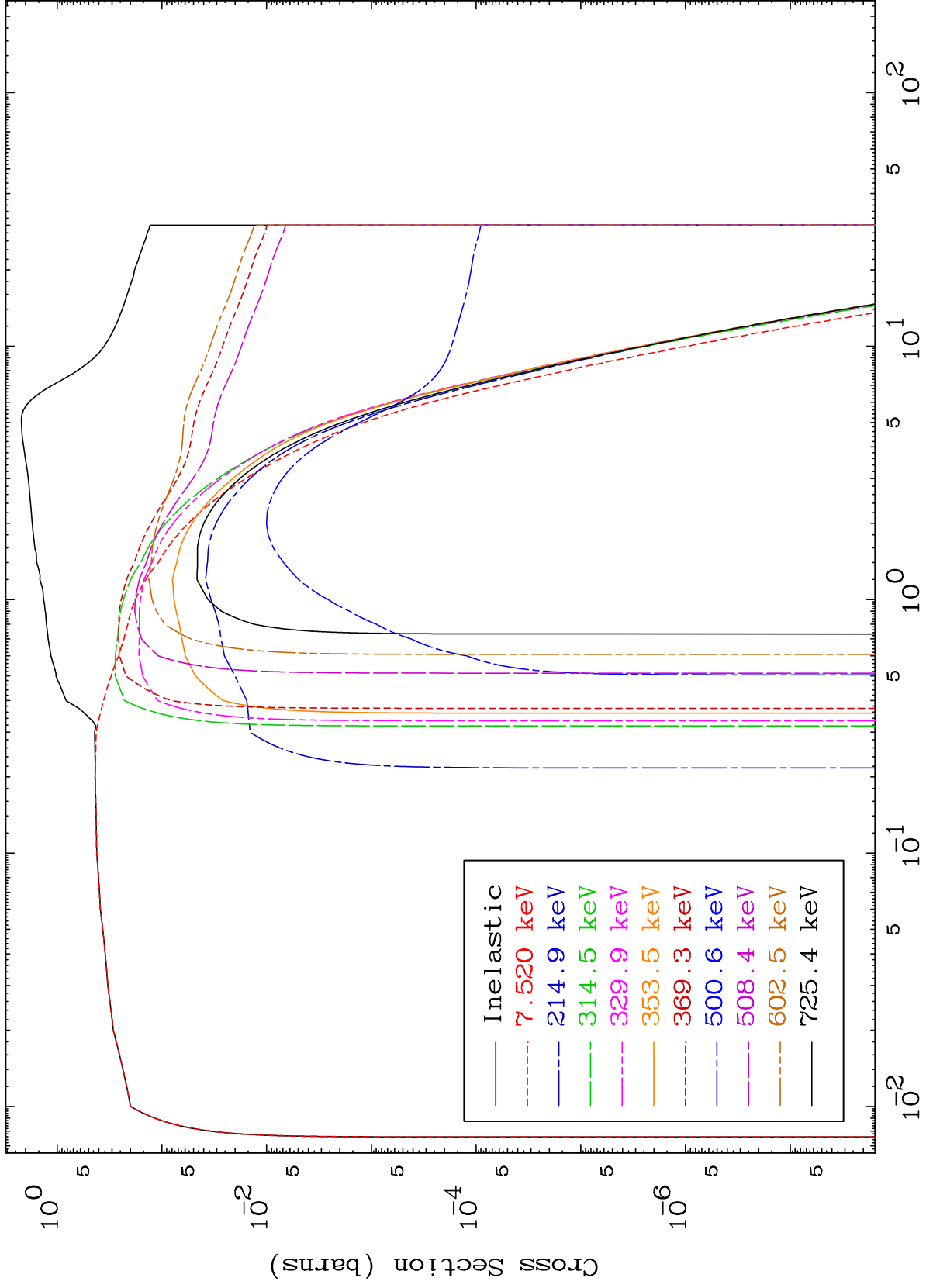
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,n') Level
293 Kelvin Cross Sections

48-Cd-121

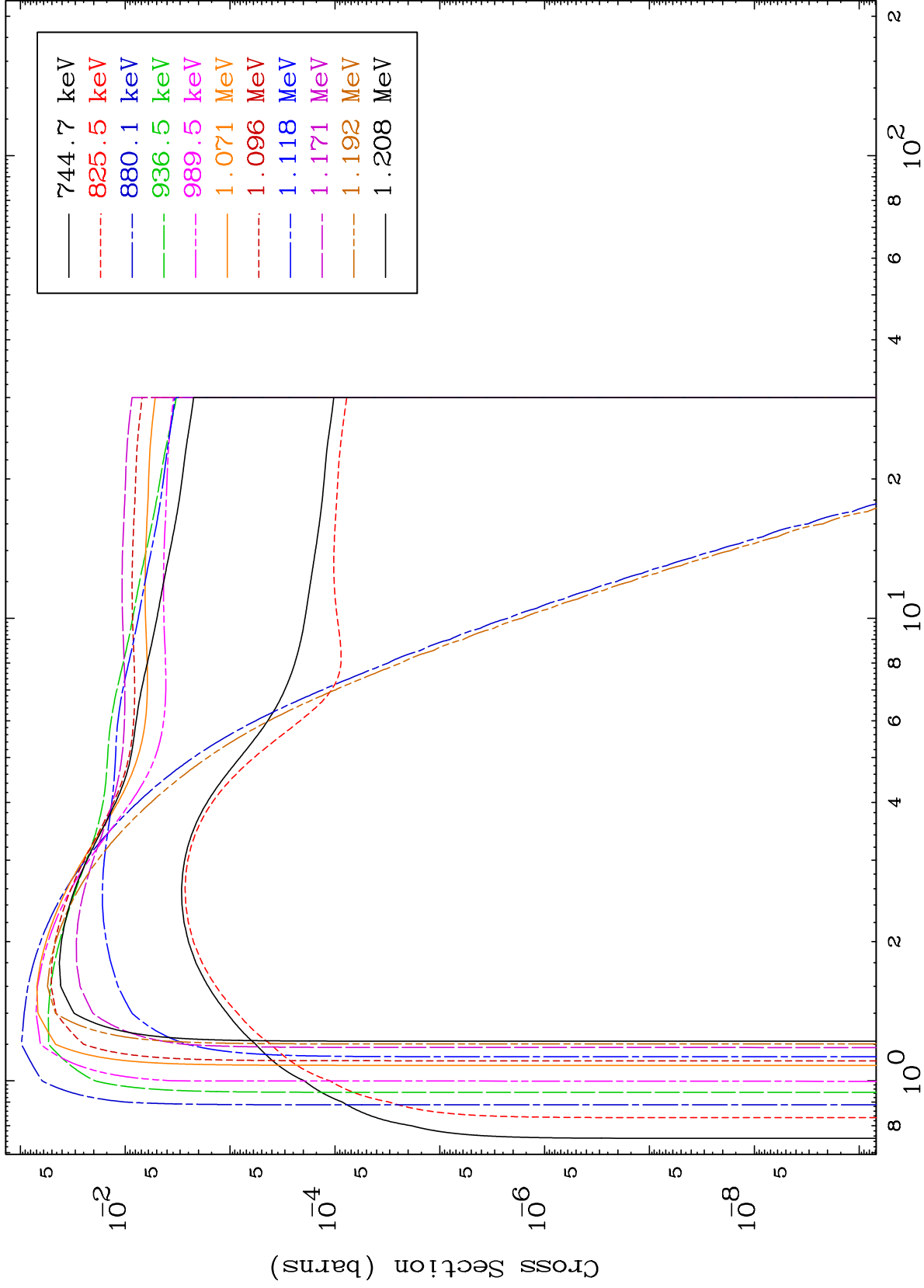


MAT 4870

(n,n') Level

48-Cd-121

293 Kelvin Cross Sections



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Incident Energy (MeV)

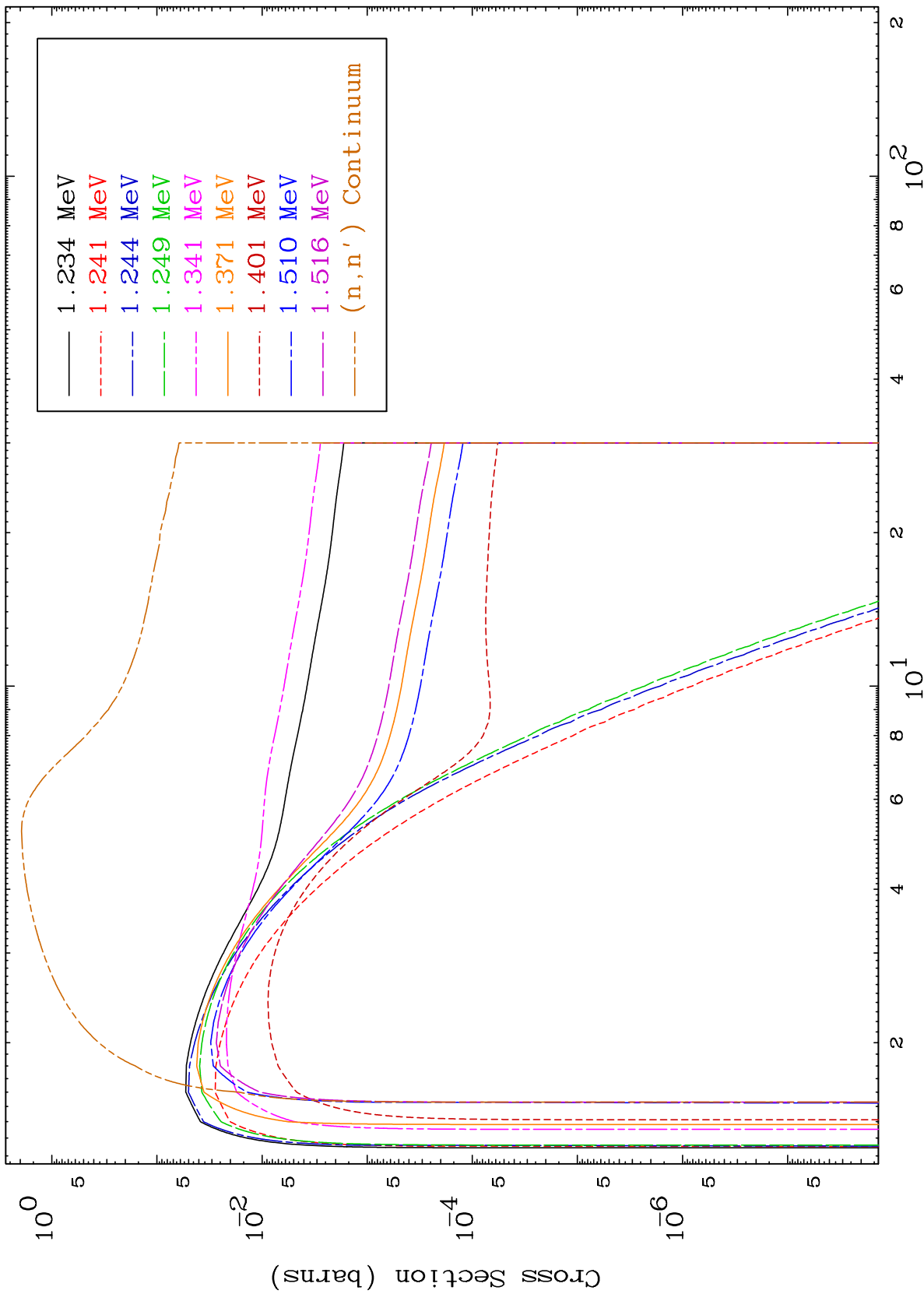
48-Cd-121

MAT 4870

(n,n') Level

48-Cd-121

293 Kelvin Cross Sections



9

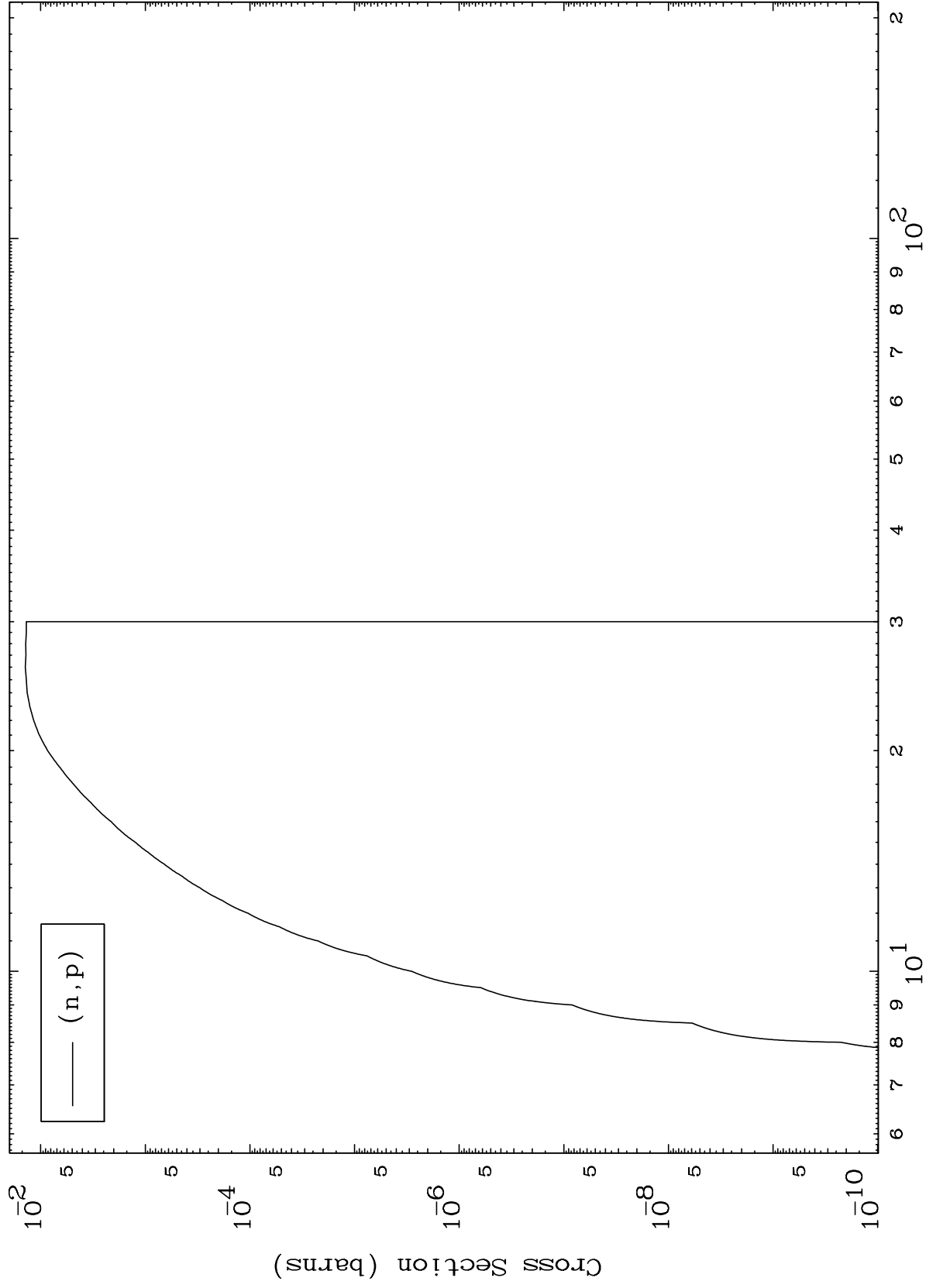
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,p) Levels
293 Kelvin Cross Sections

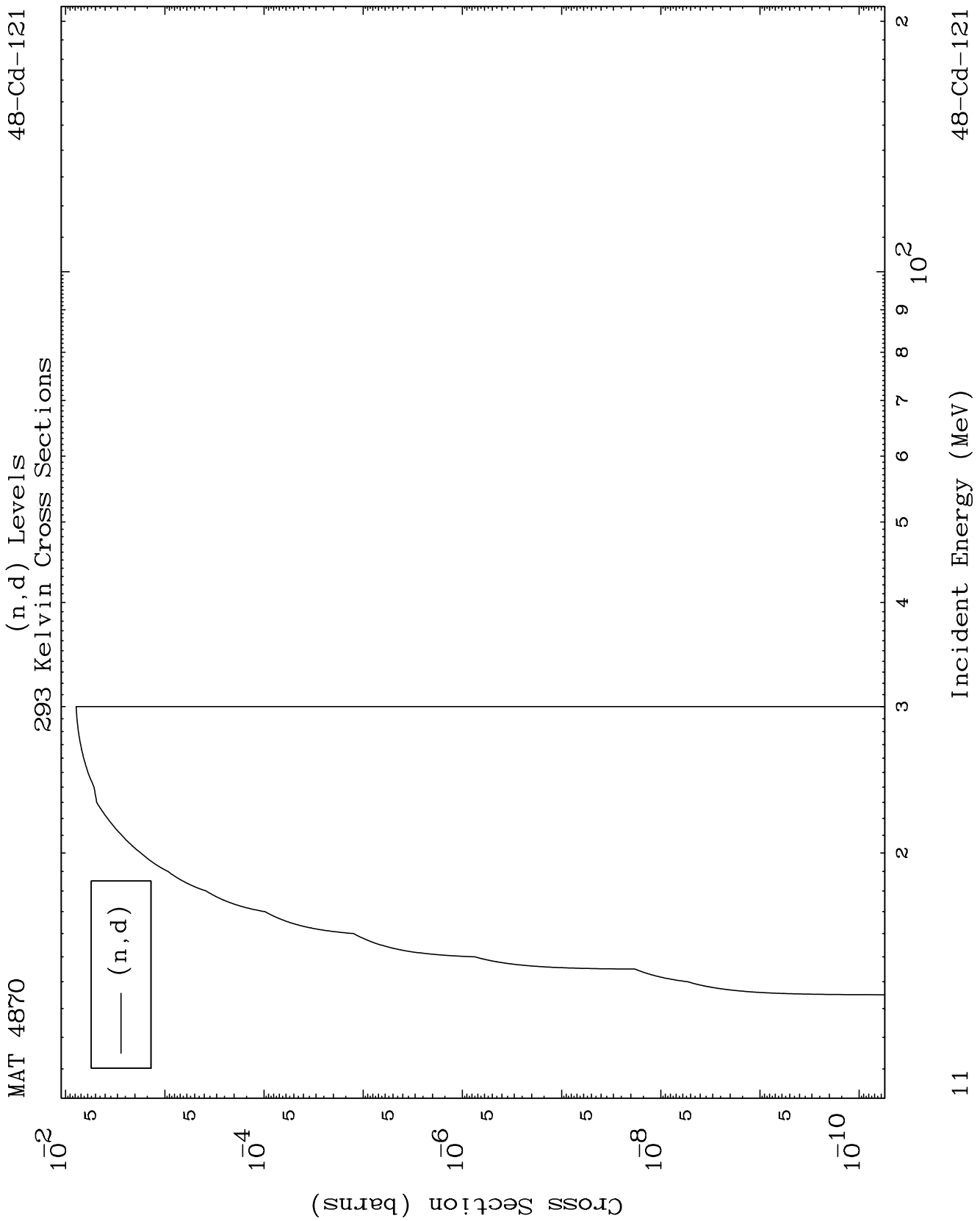
48-Cd-121



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Incident Energy (MeV)

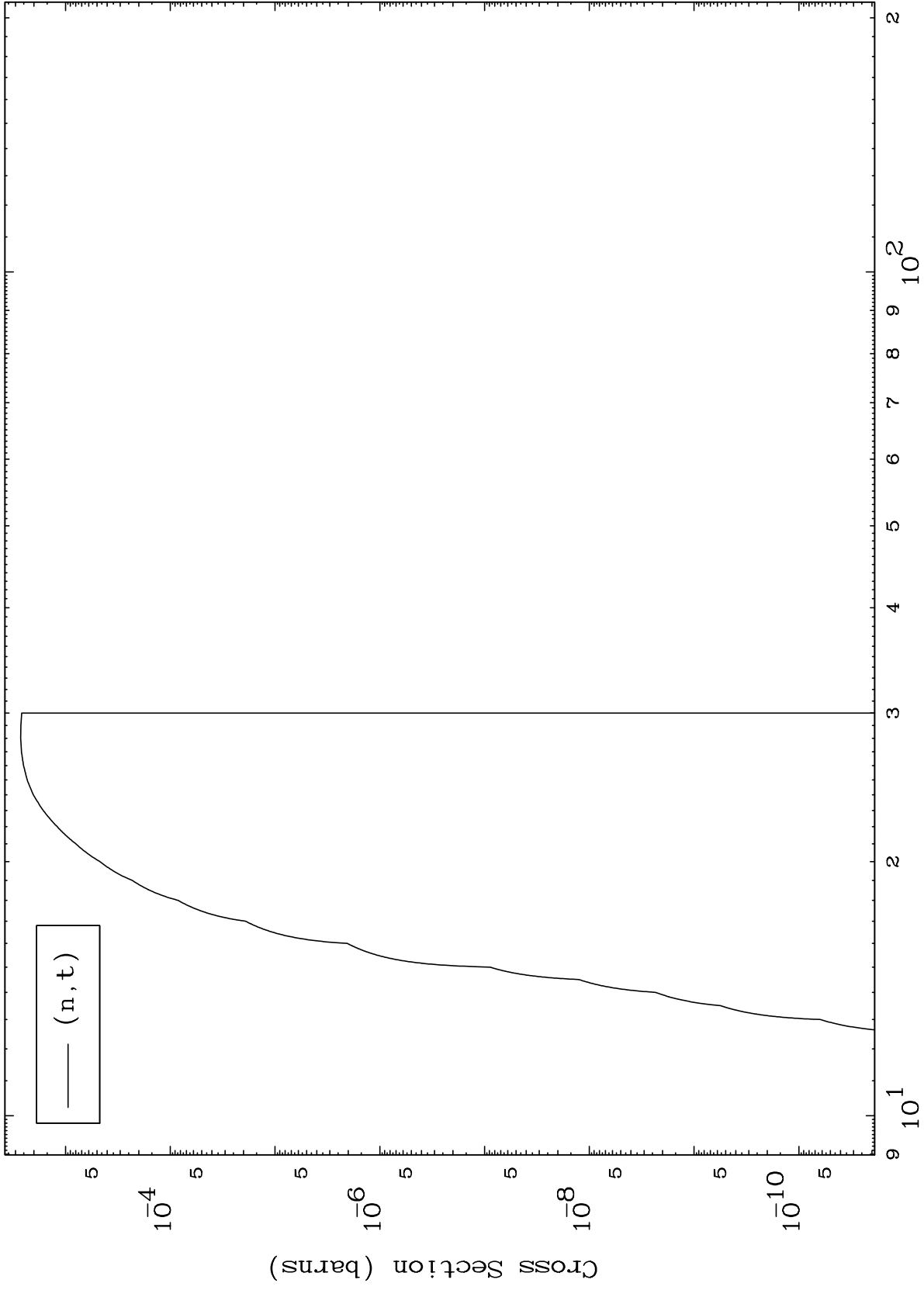
48-Cd-121



MAT 4870

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-121



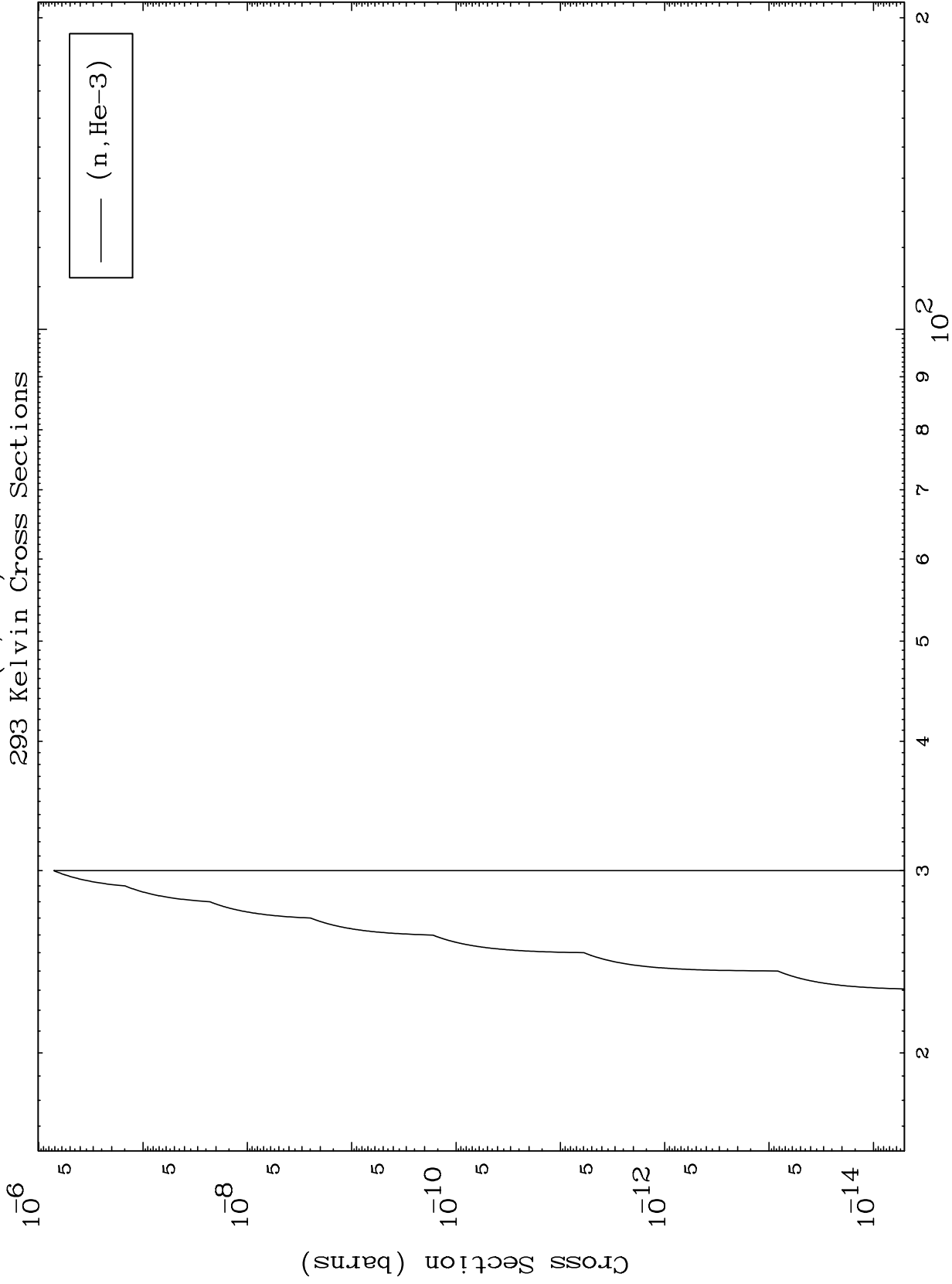
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-121



13

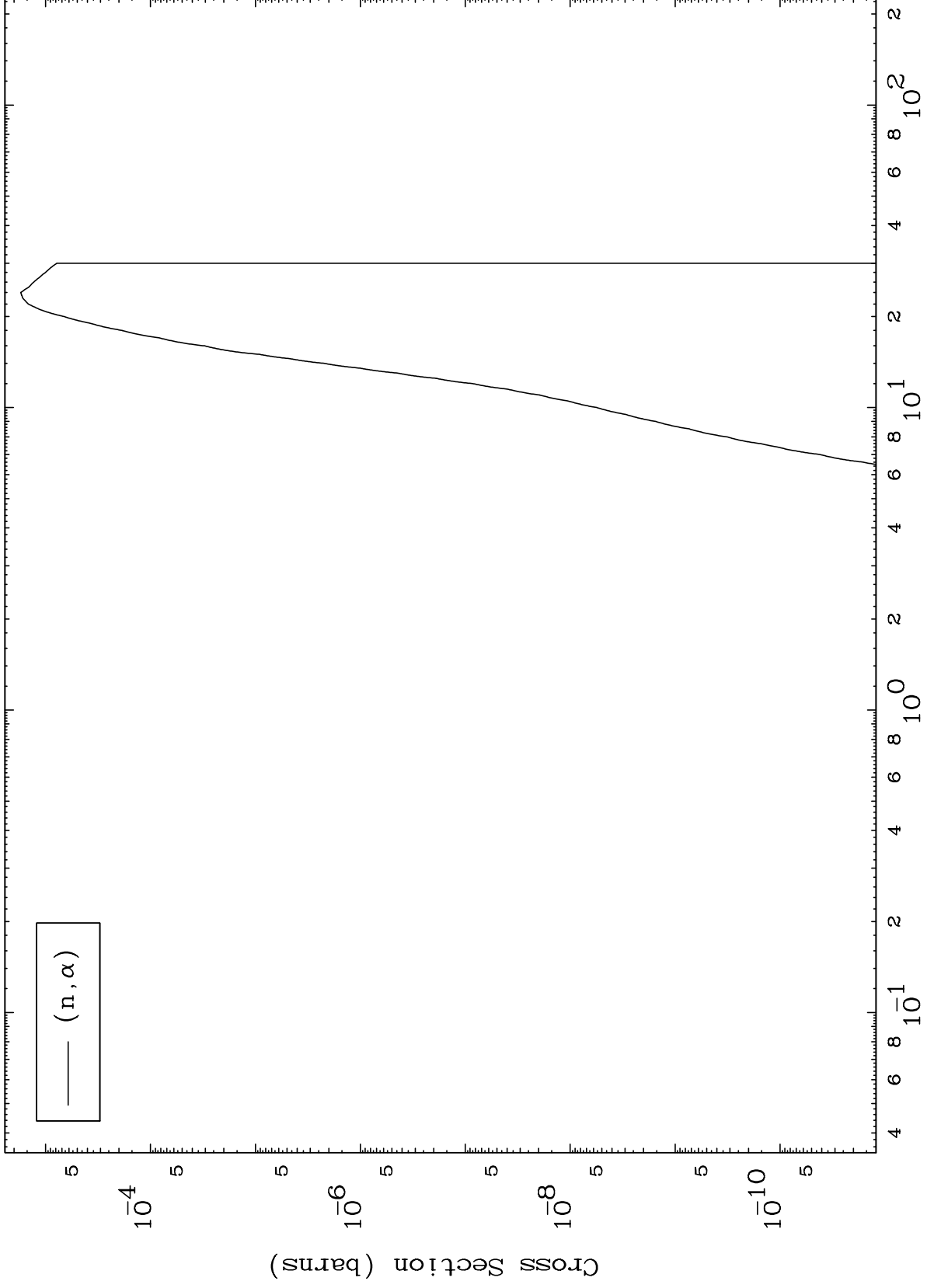
Incident Energy (MeV)

48-Cd-121

MAT 4870

(n, α) Levels
293 Kelvin Cross Sections

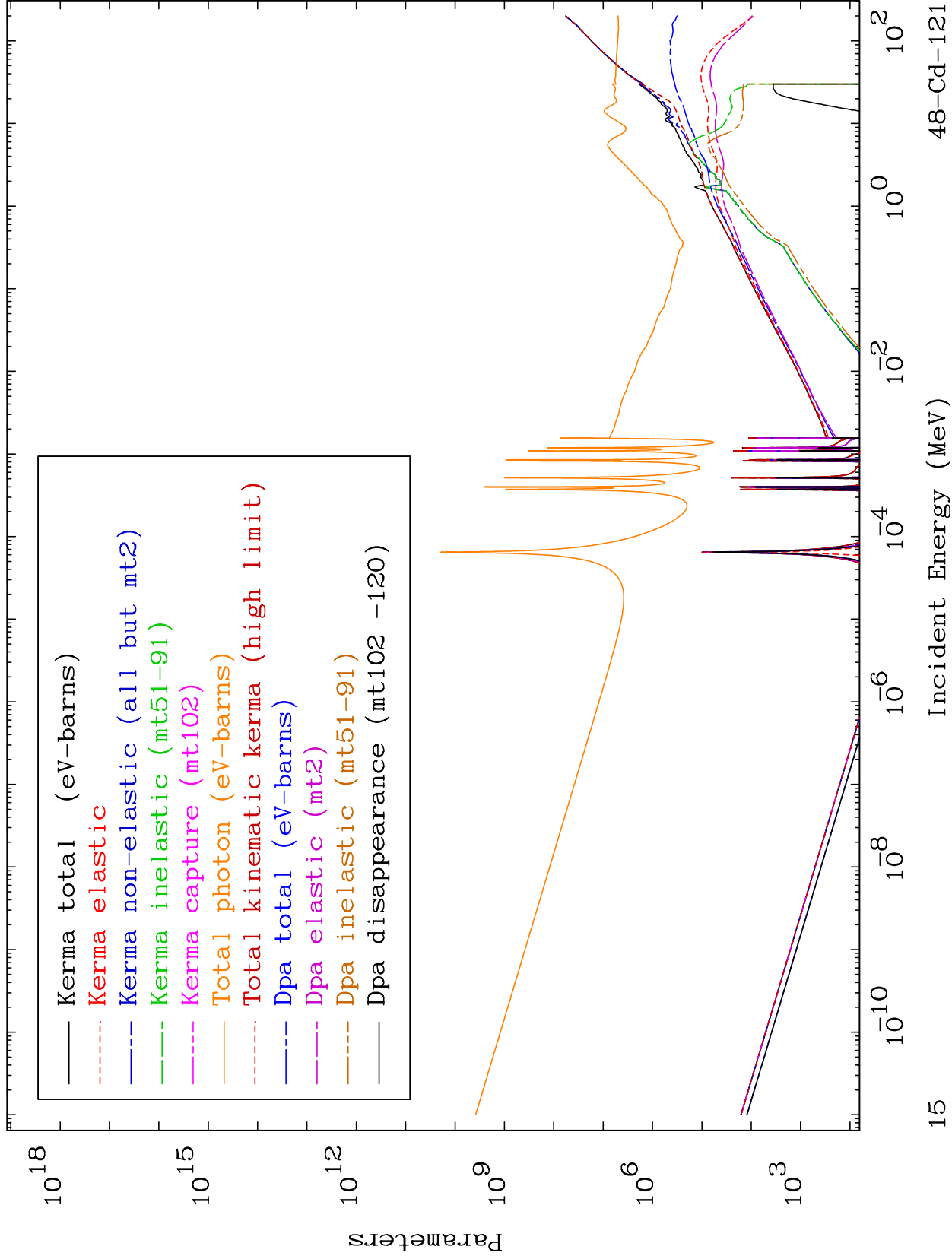
48-Cd-121

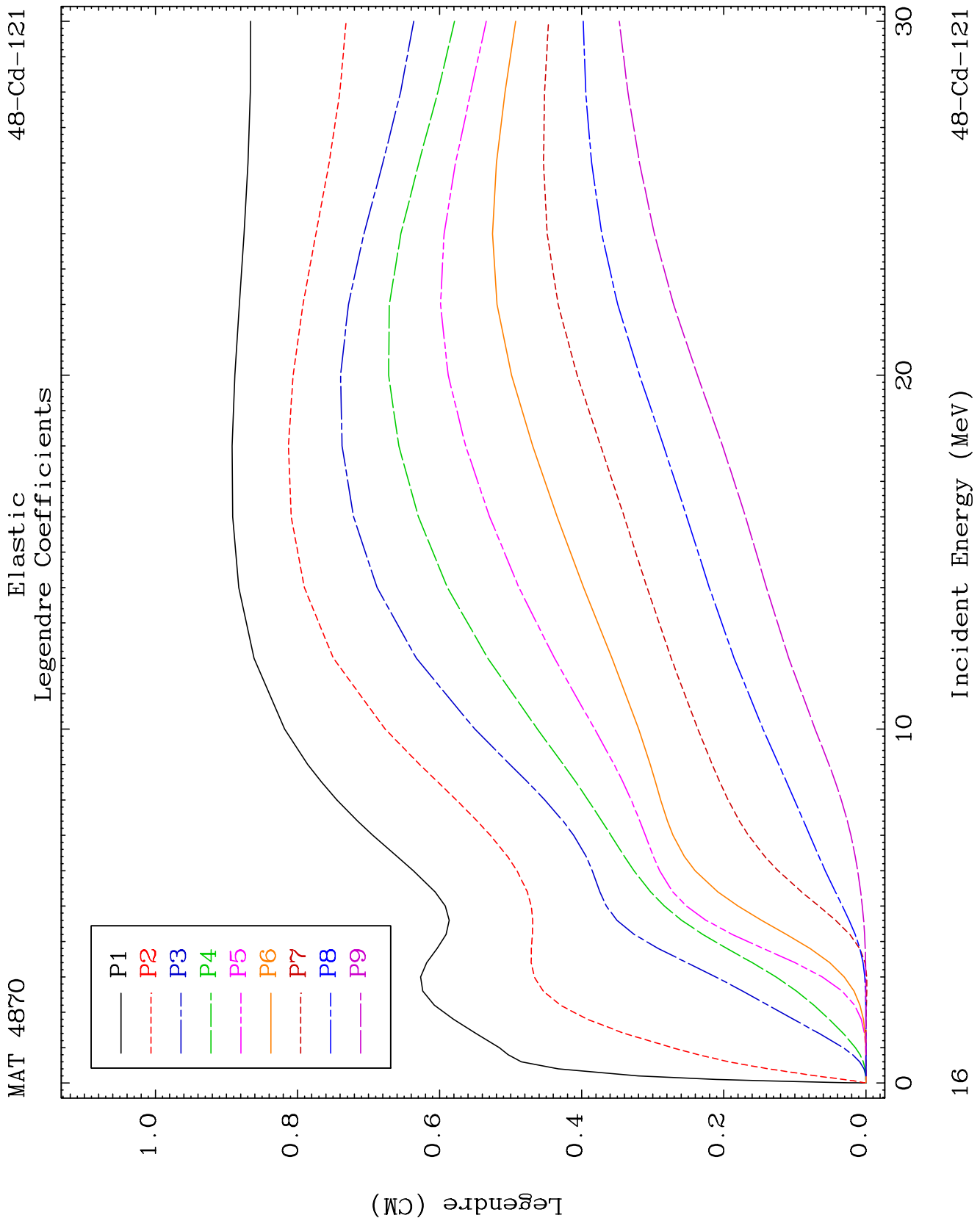


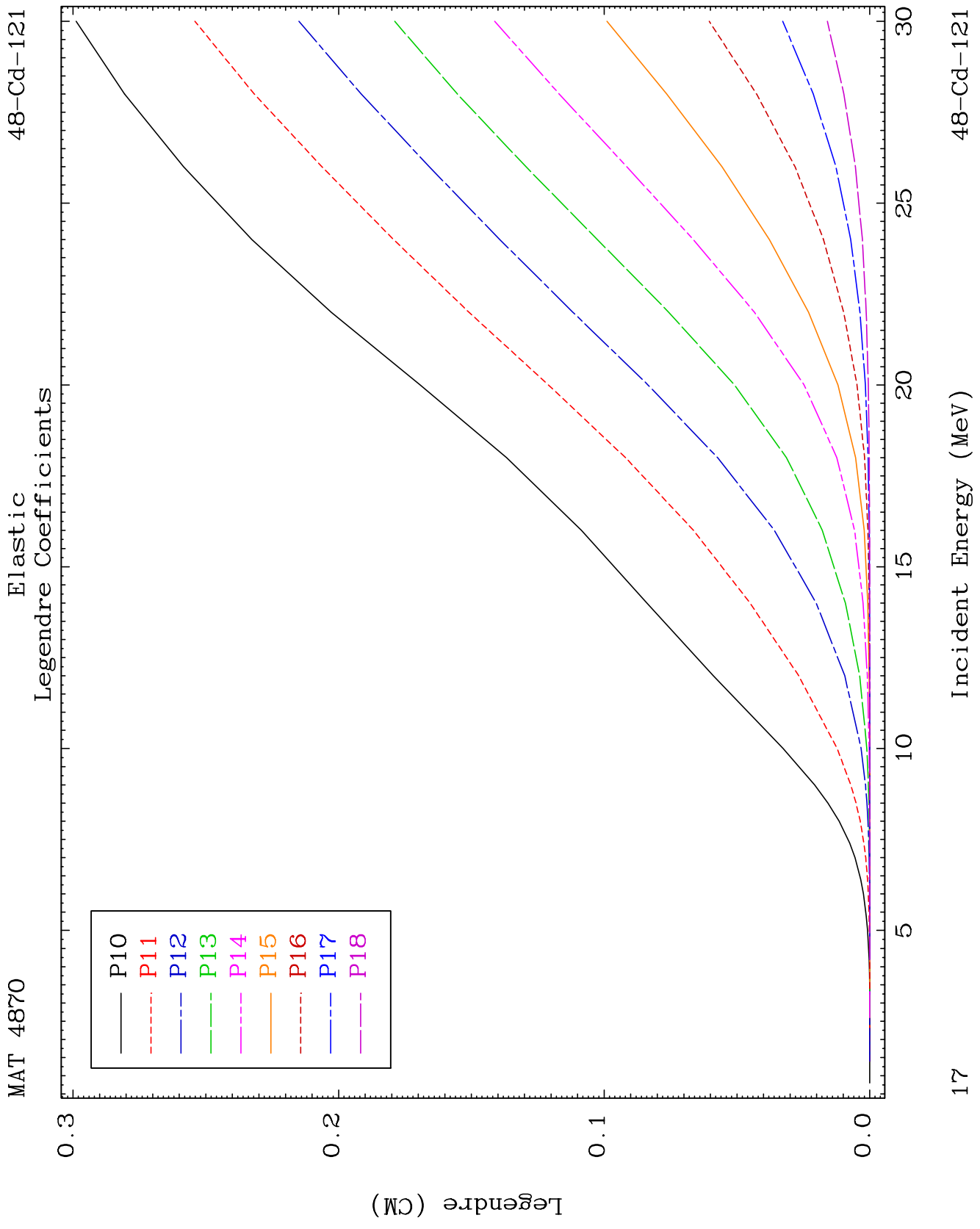
14

Incident Energy (MeV)

48-Cd-121



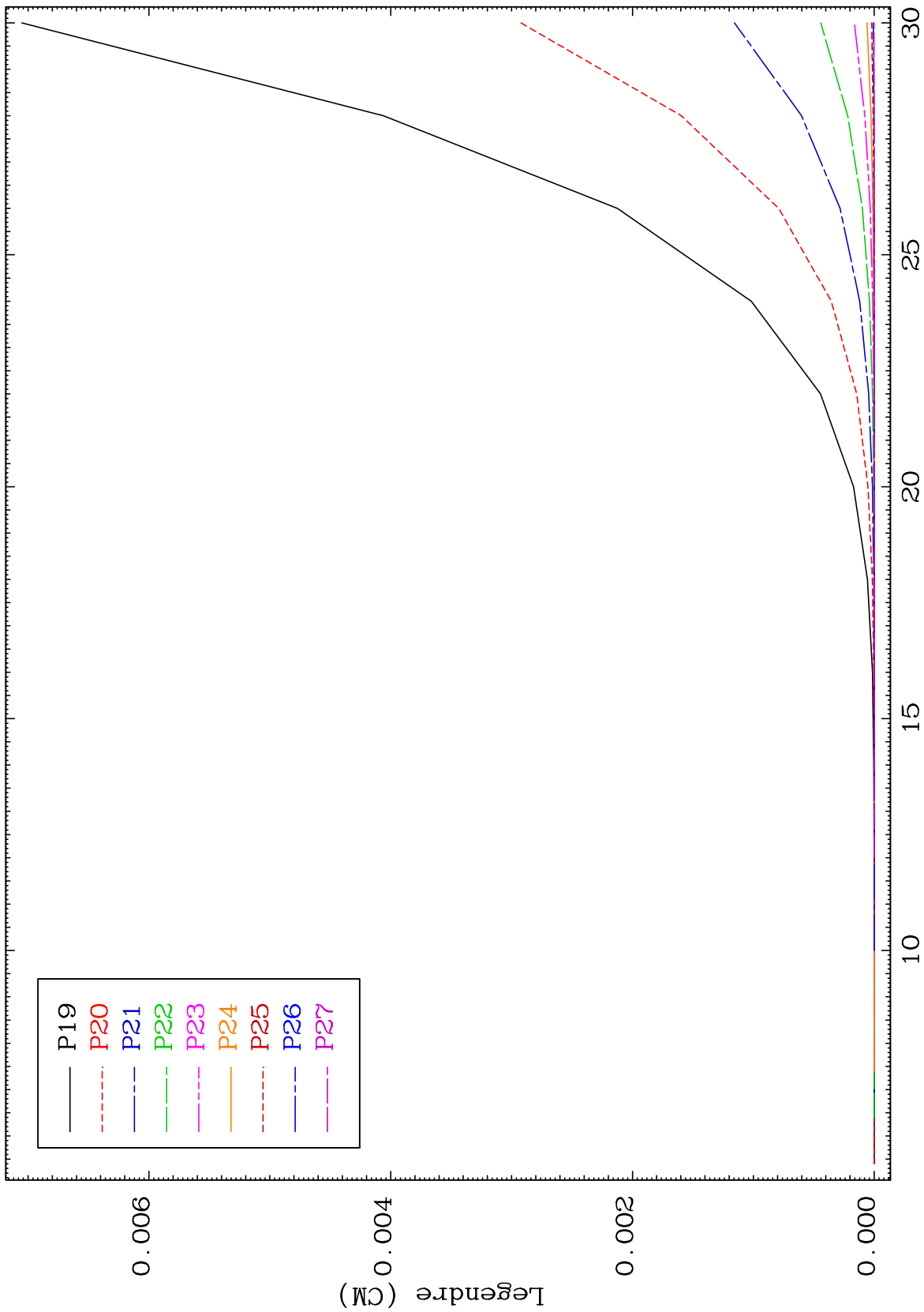




MAT 4870

Elastic Legendre Coefficients

48-Cd-121



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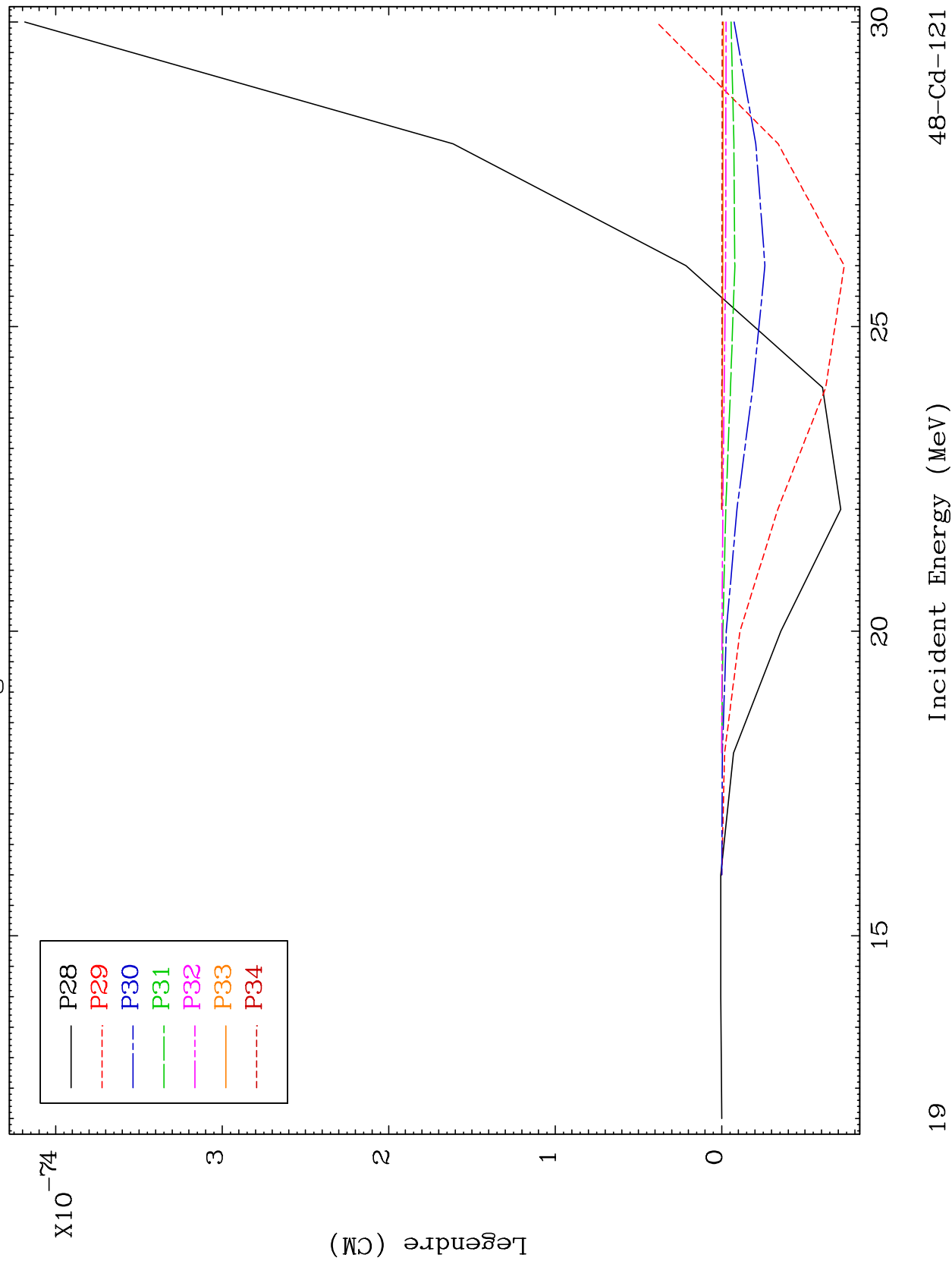
Incident Energy (MeV)

48-Cd-121

MAT 4870

Elastic Legendre Coefficients

48-Cd-121

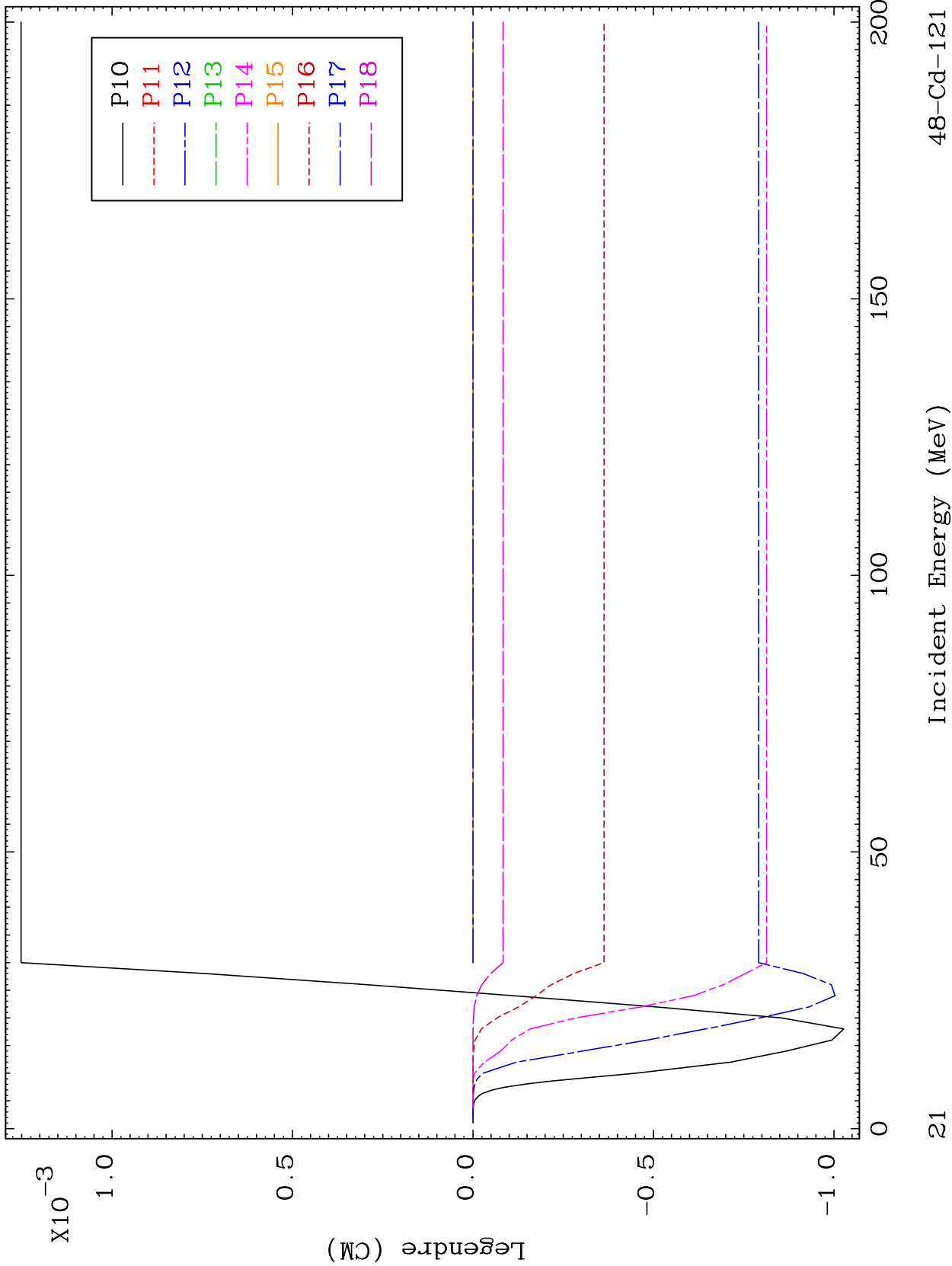


- P28
- P29
- P30
- P31
- P32
- P33
- P34

MAT 4870

7.520 keV (n,n') Level
Legendre Coefficients

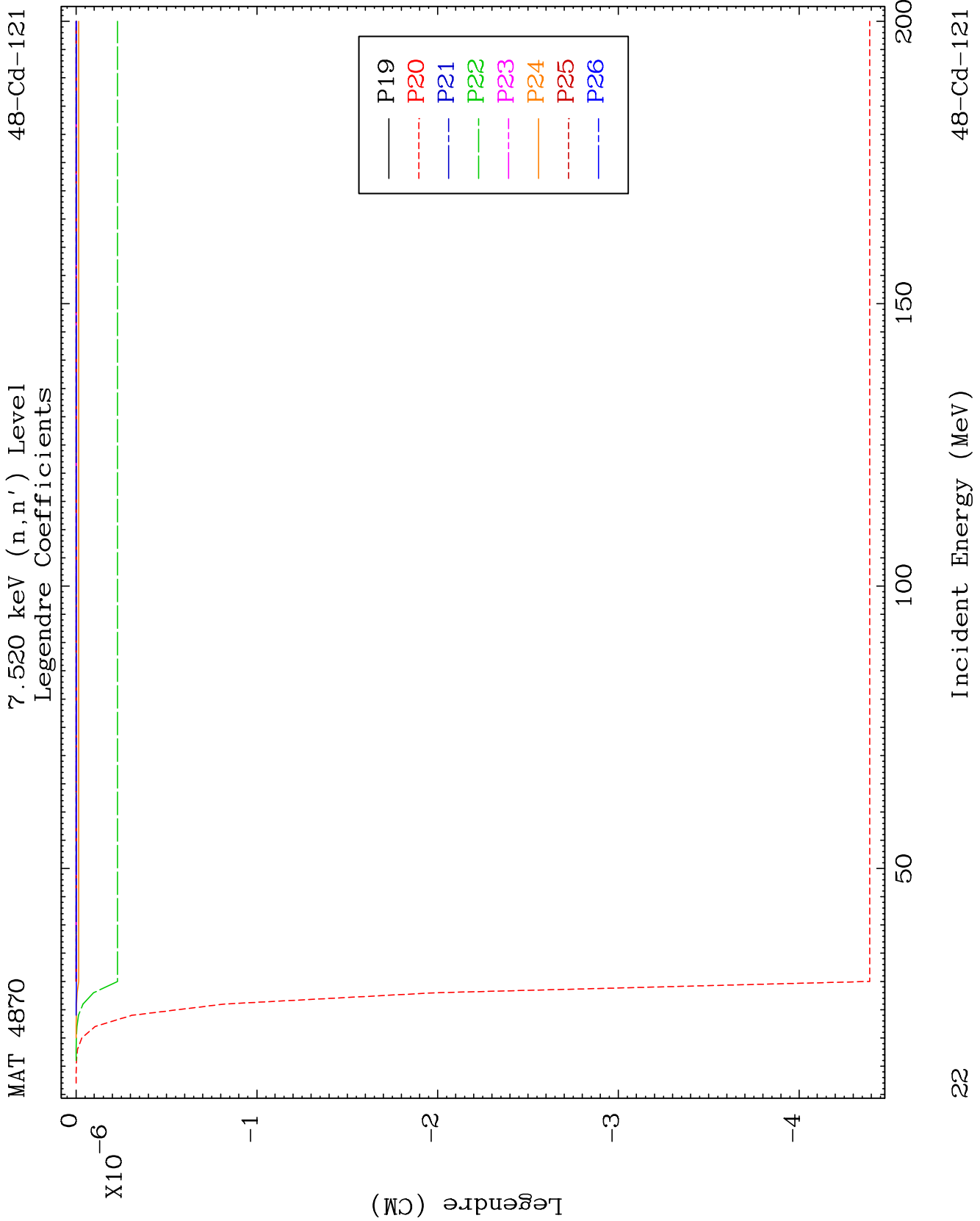
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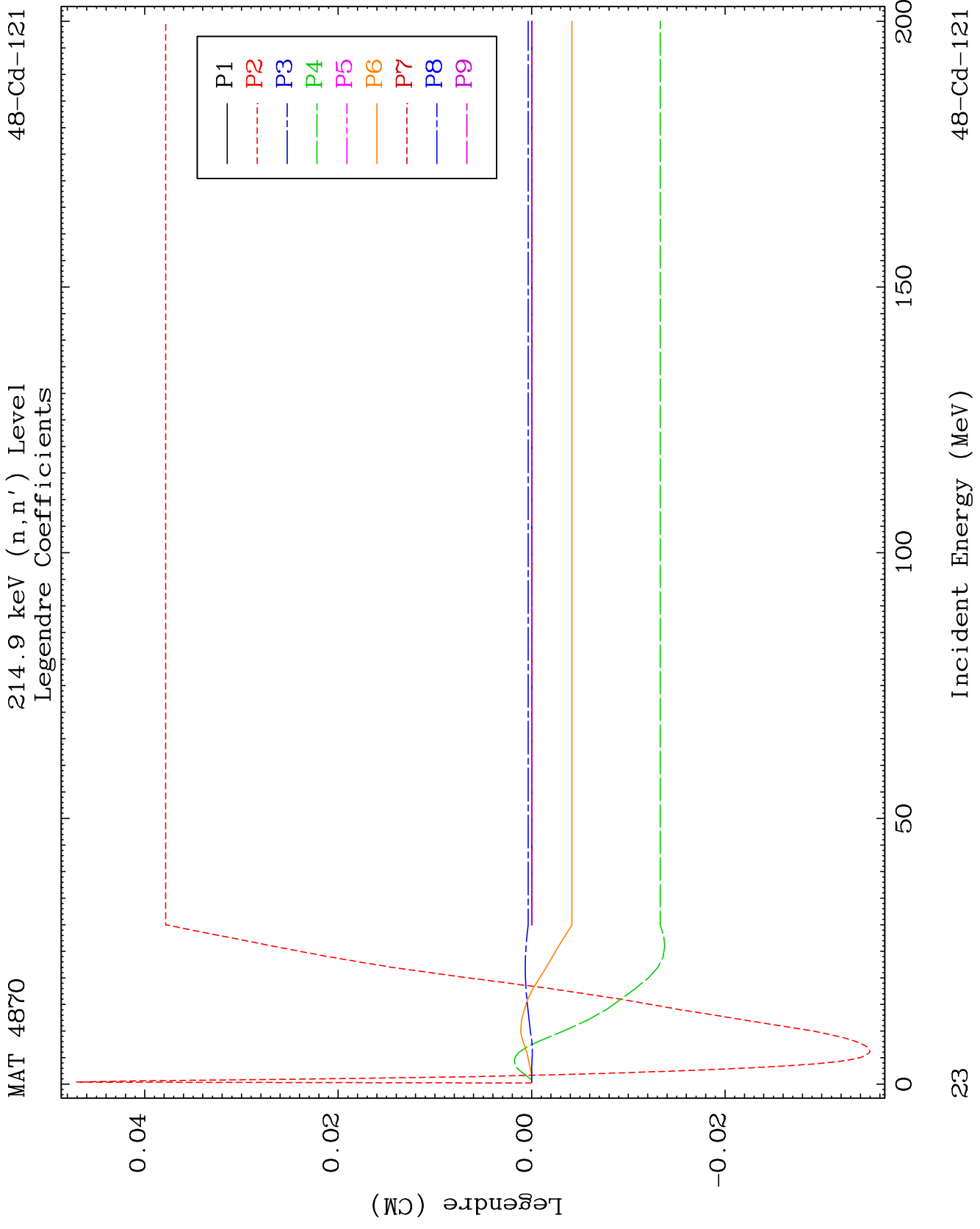


21

Incident Energy (MeV)

48-Cd-121

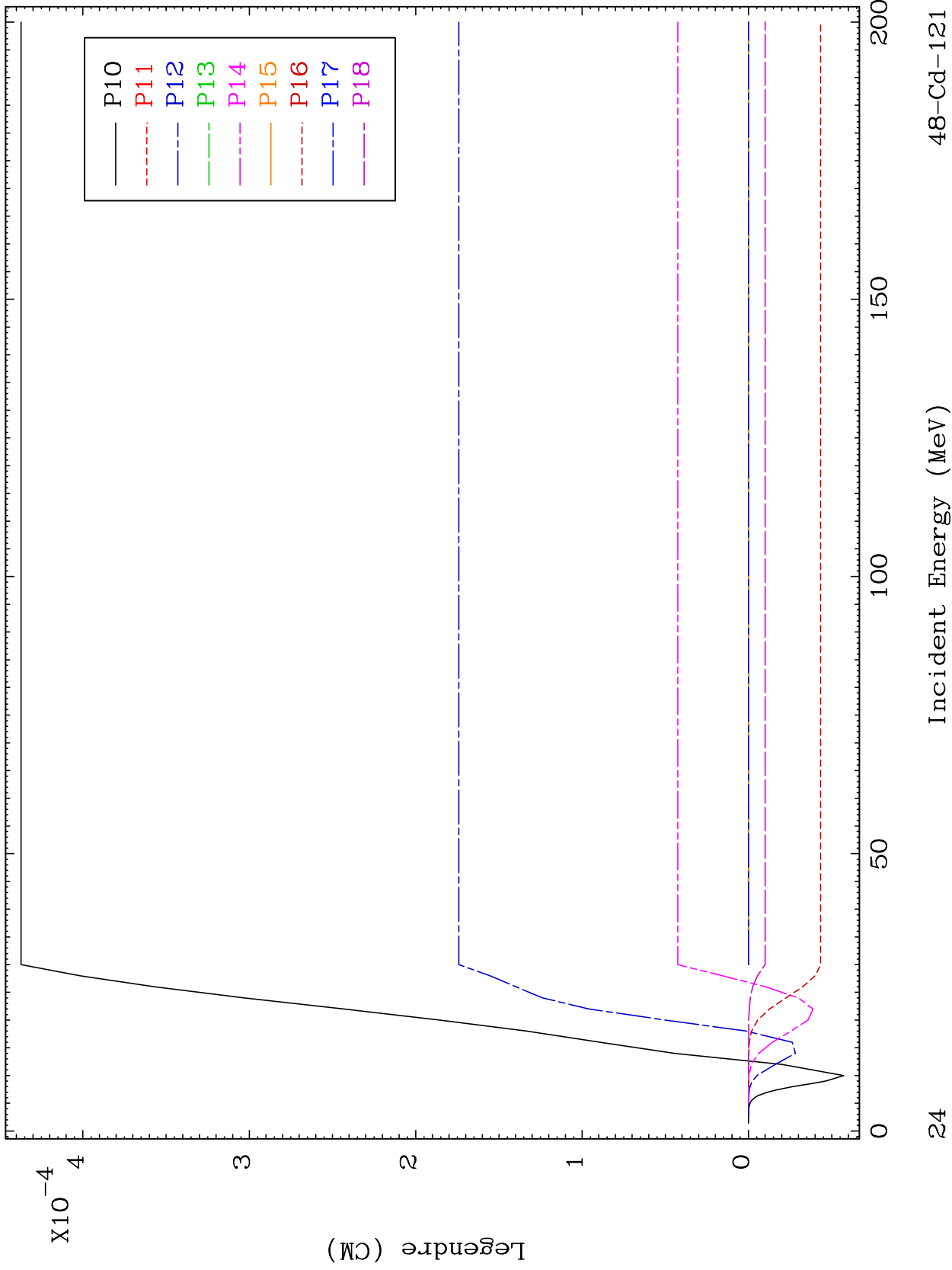




MAT 4870

214.9 keV (n,n') Level
Legendre Coefficients

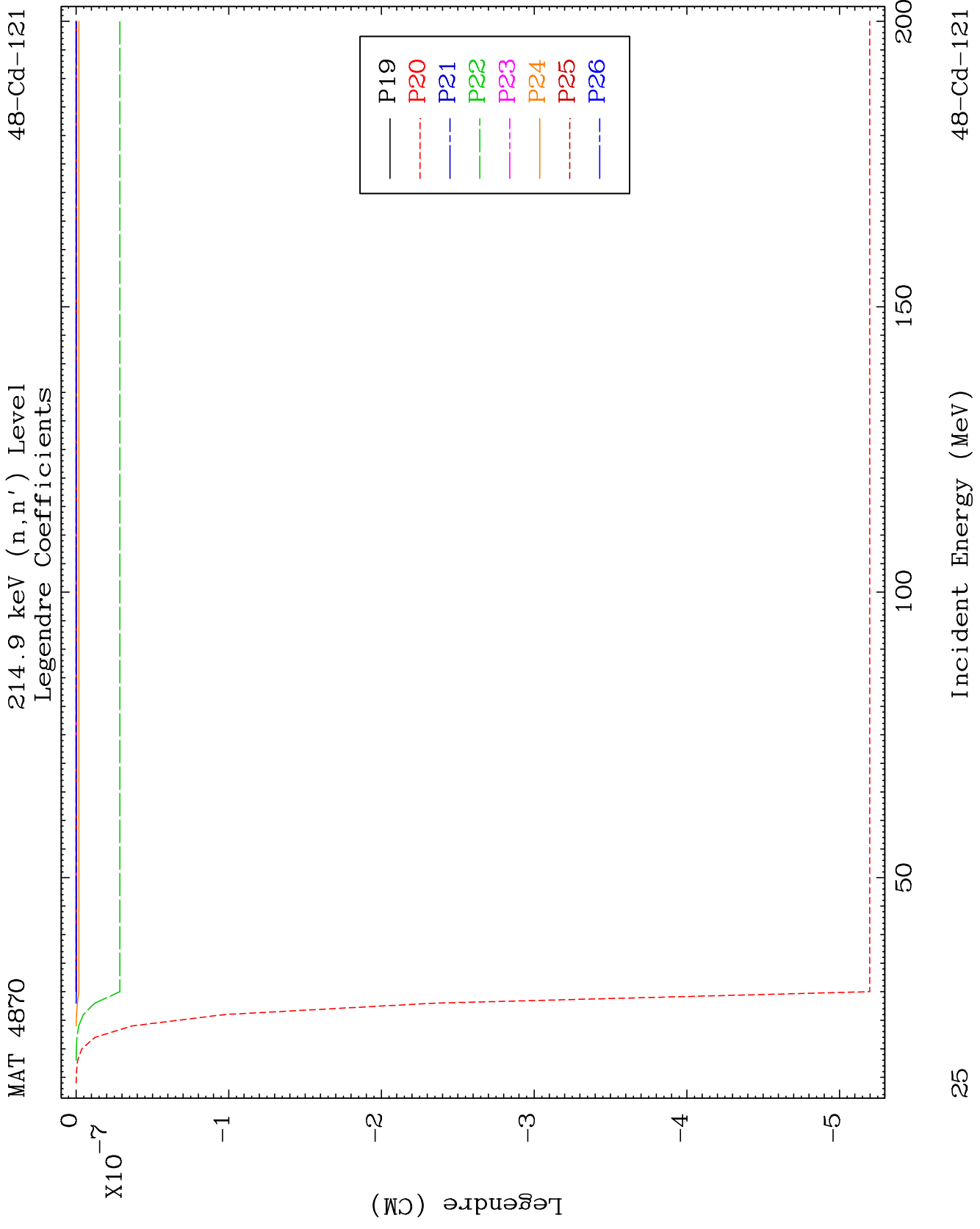
48-Cd-121

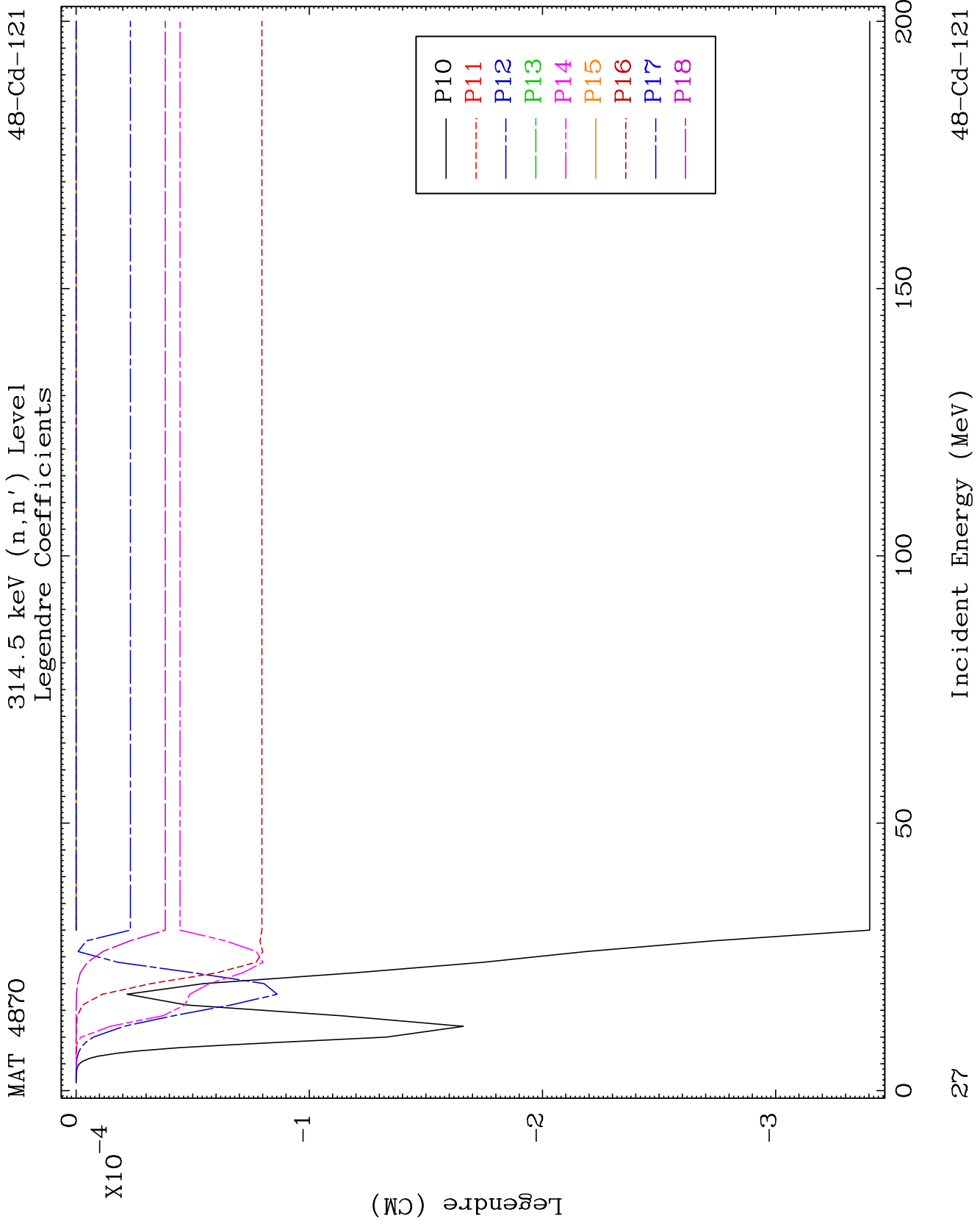


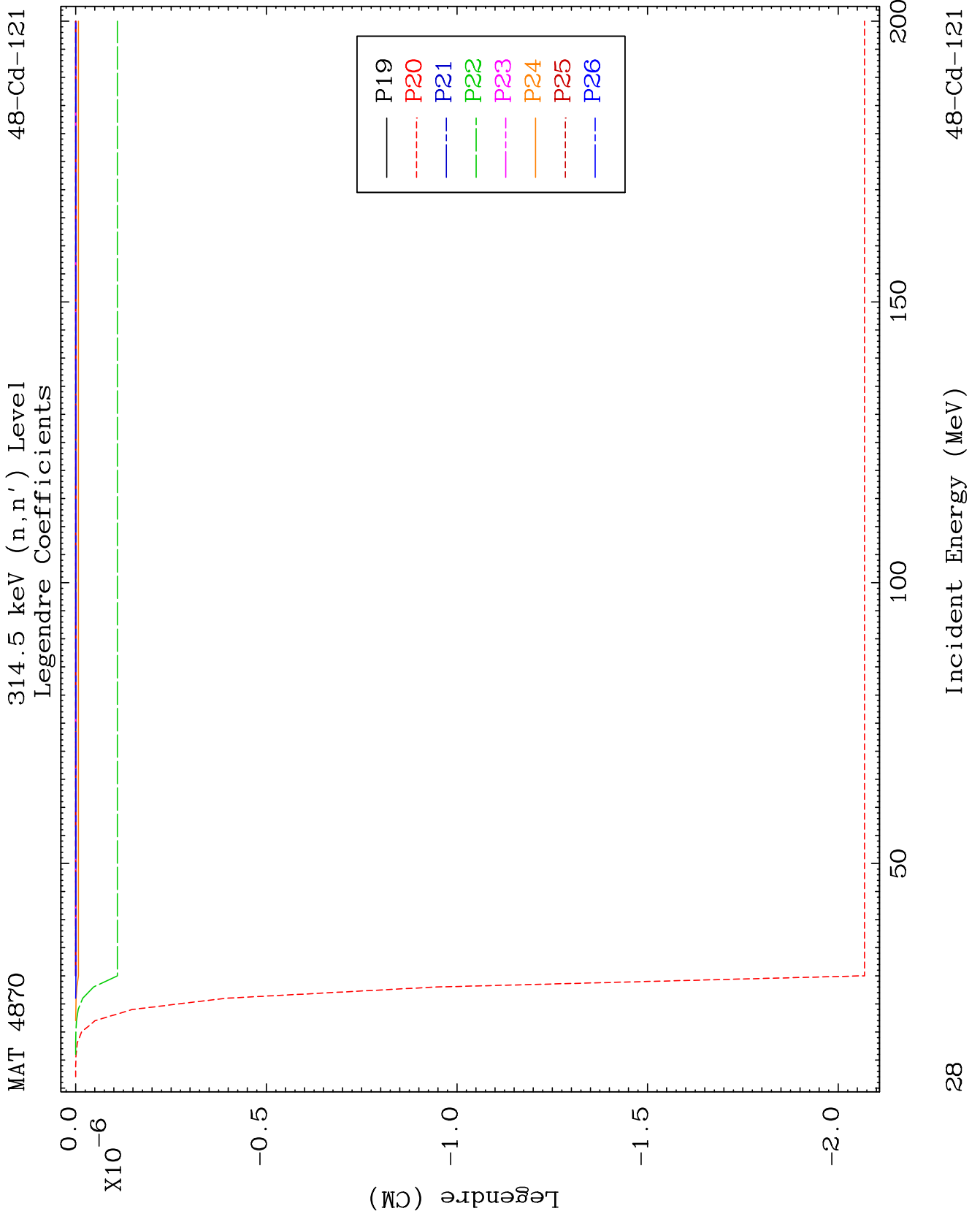
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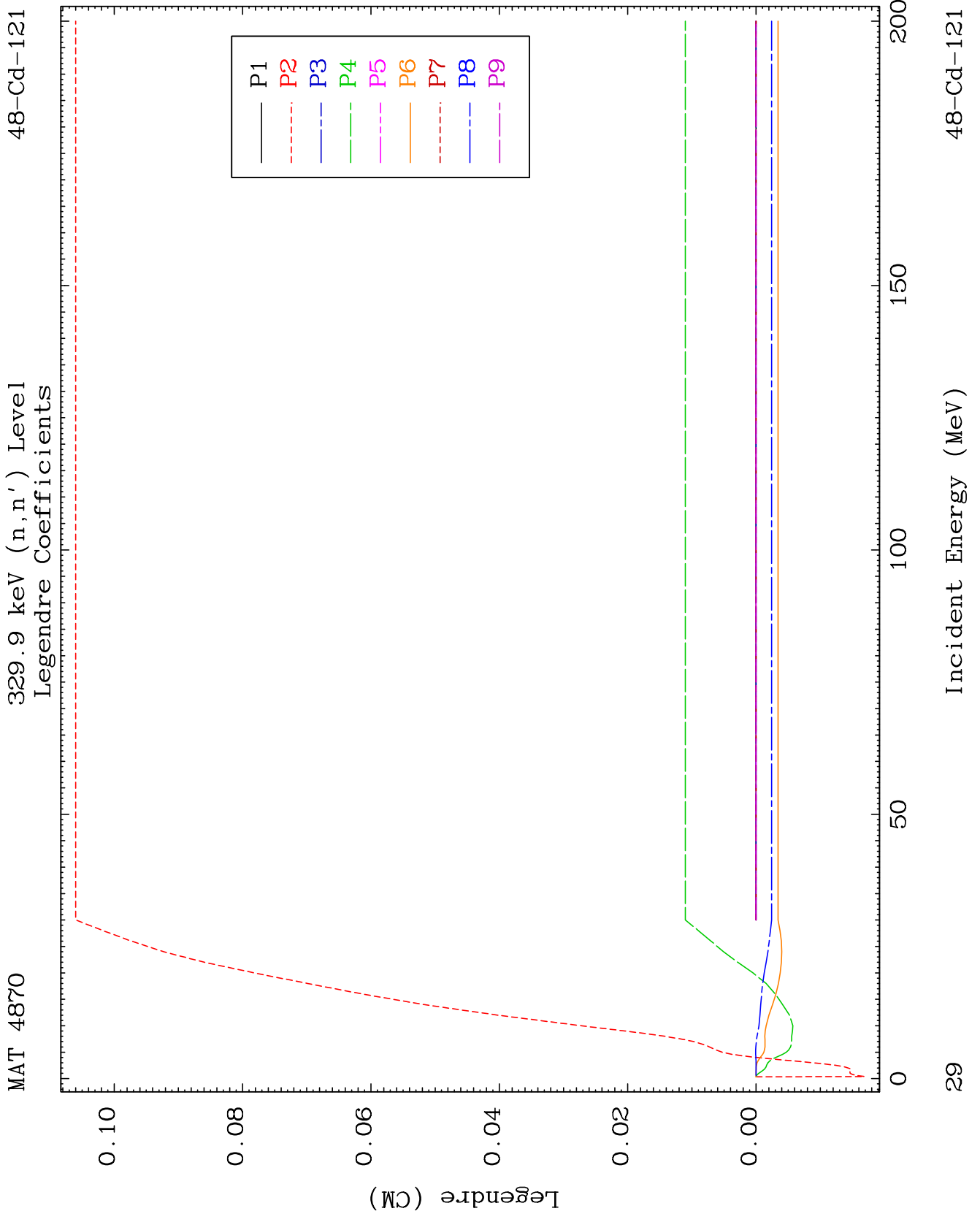
Incident Energy (MeV)

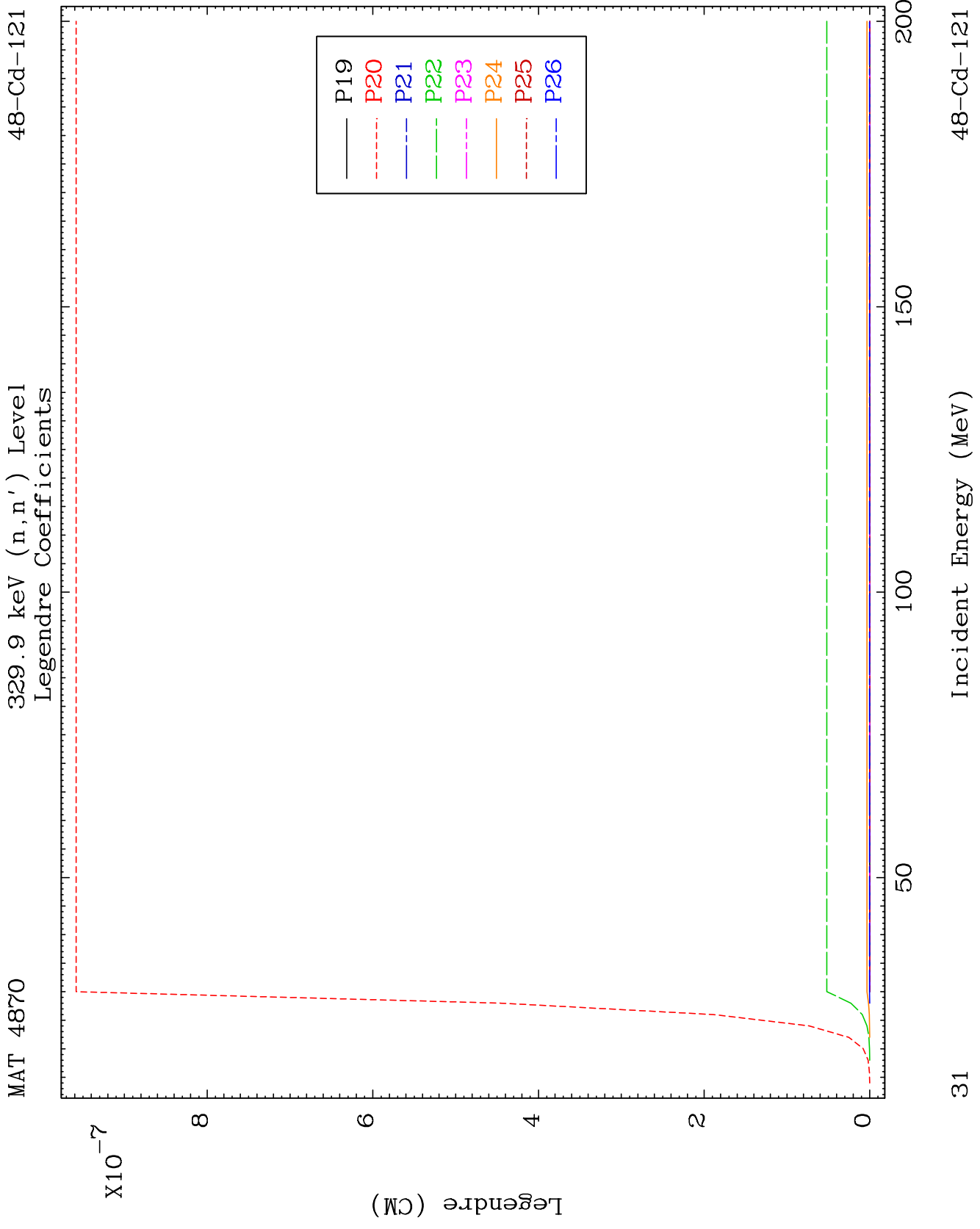
48-Cd-121

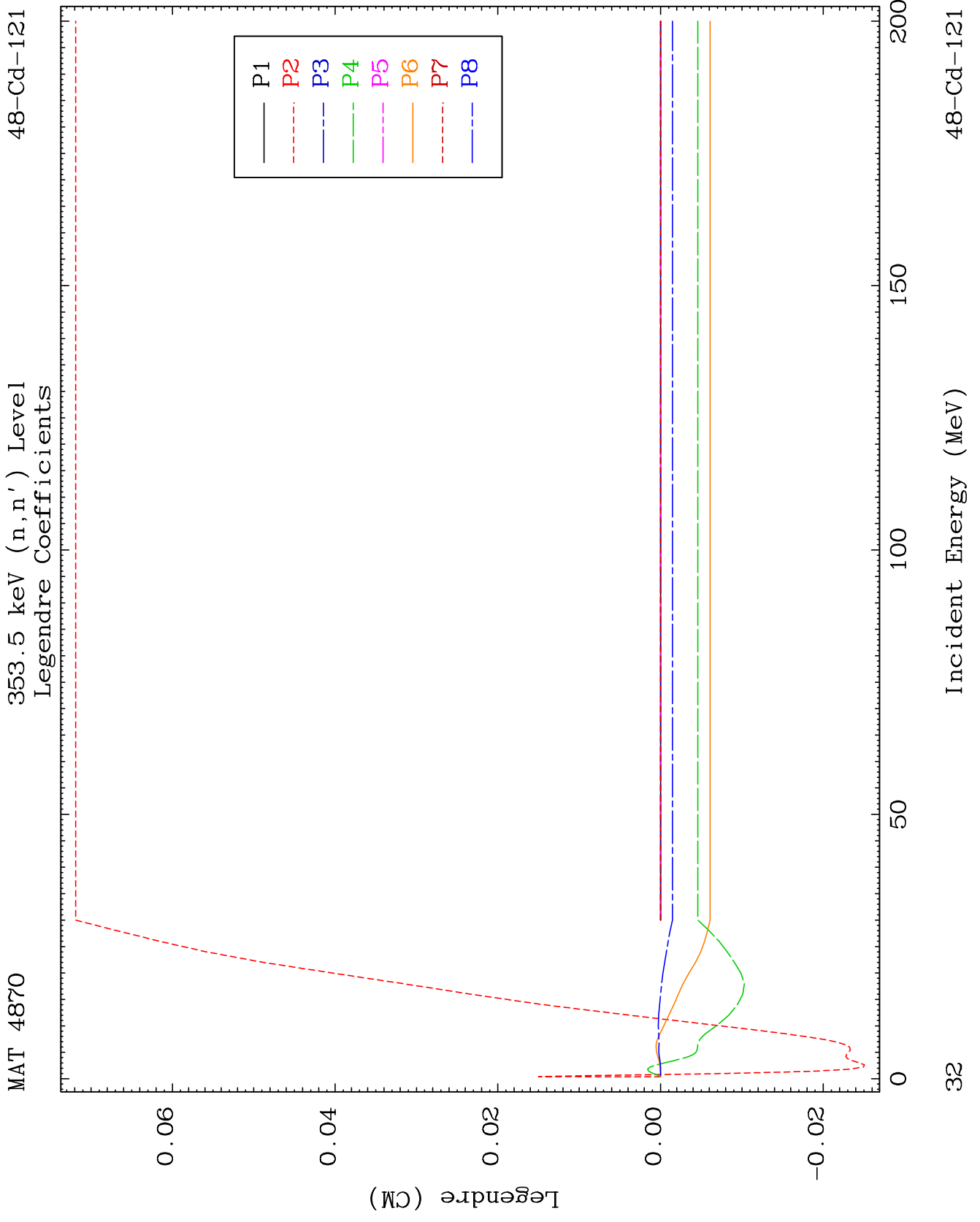


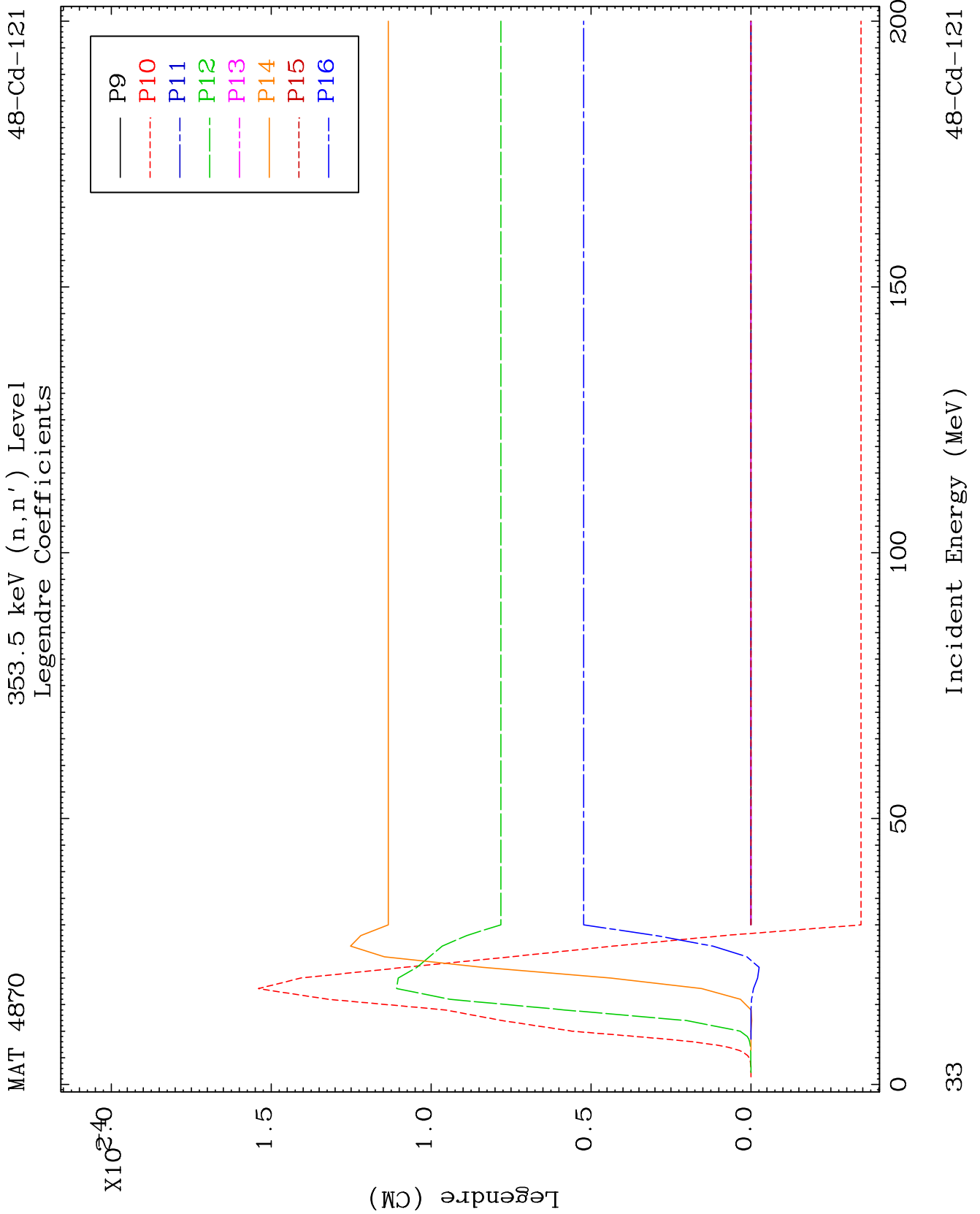


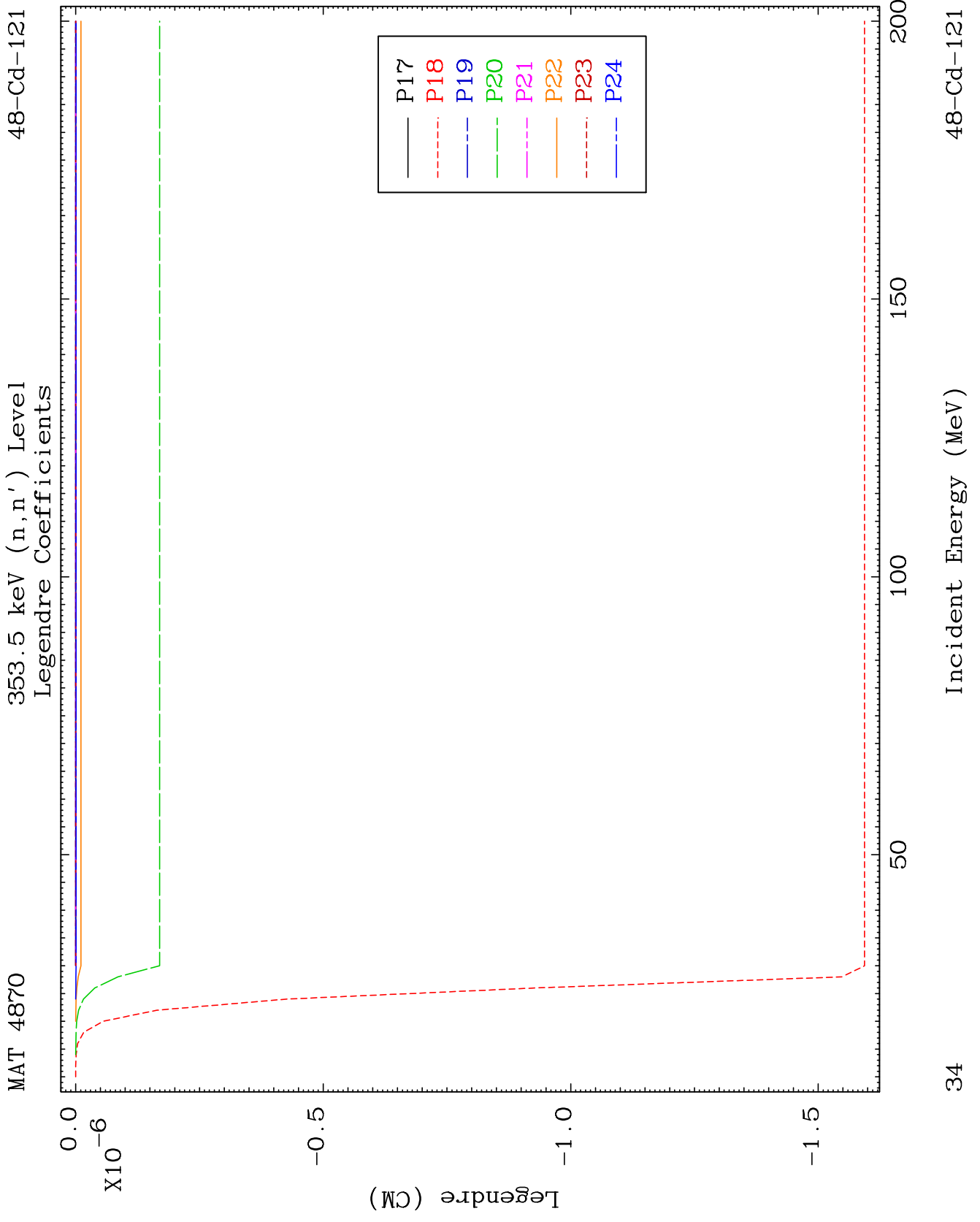


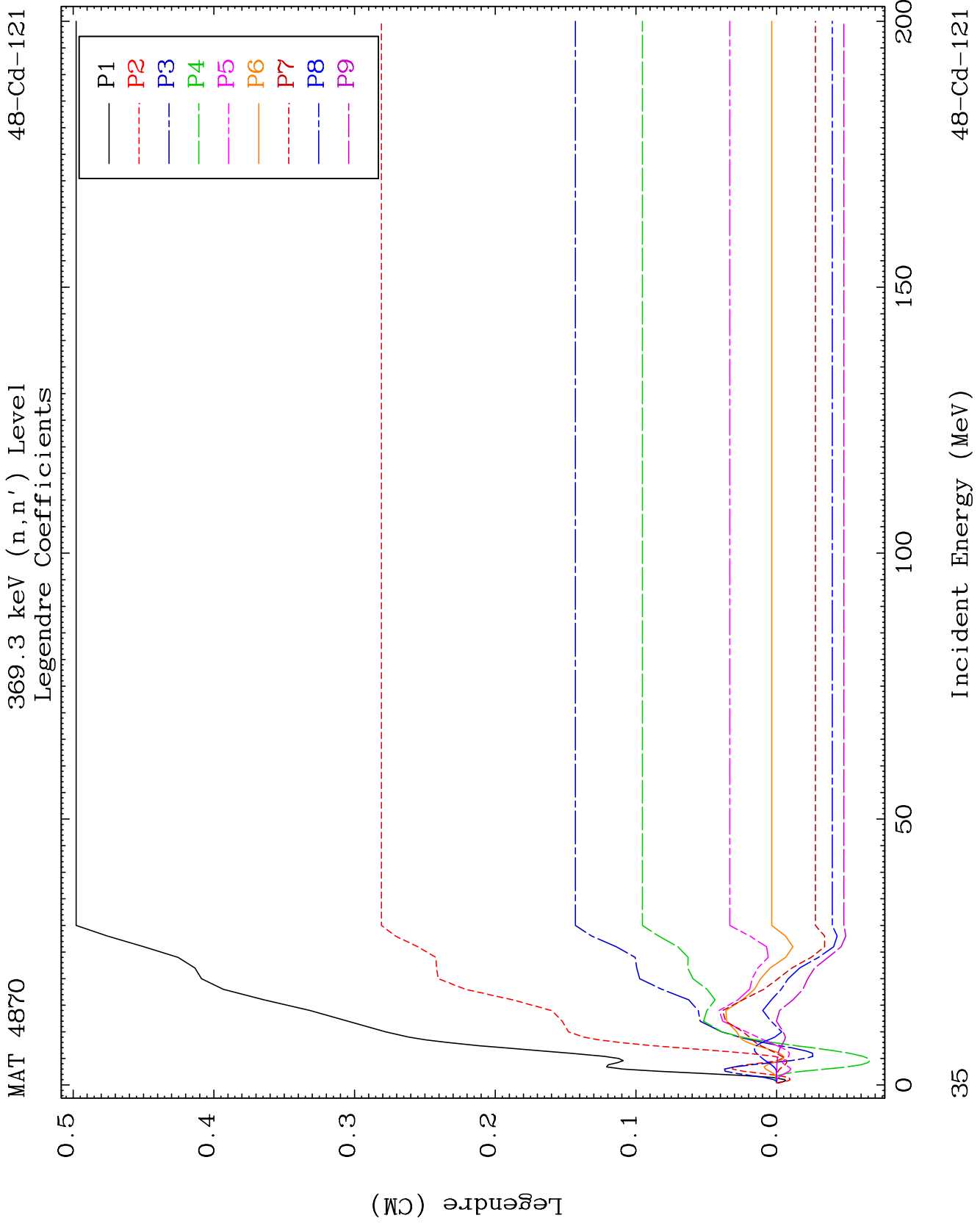


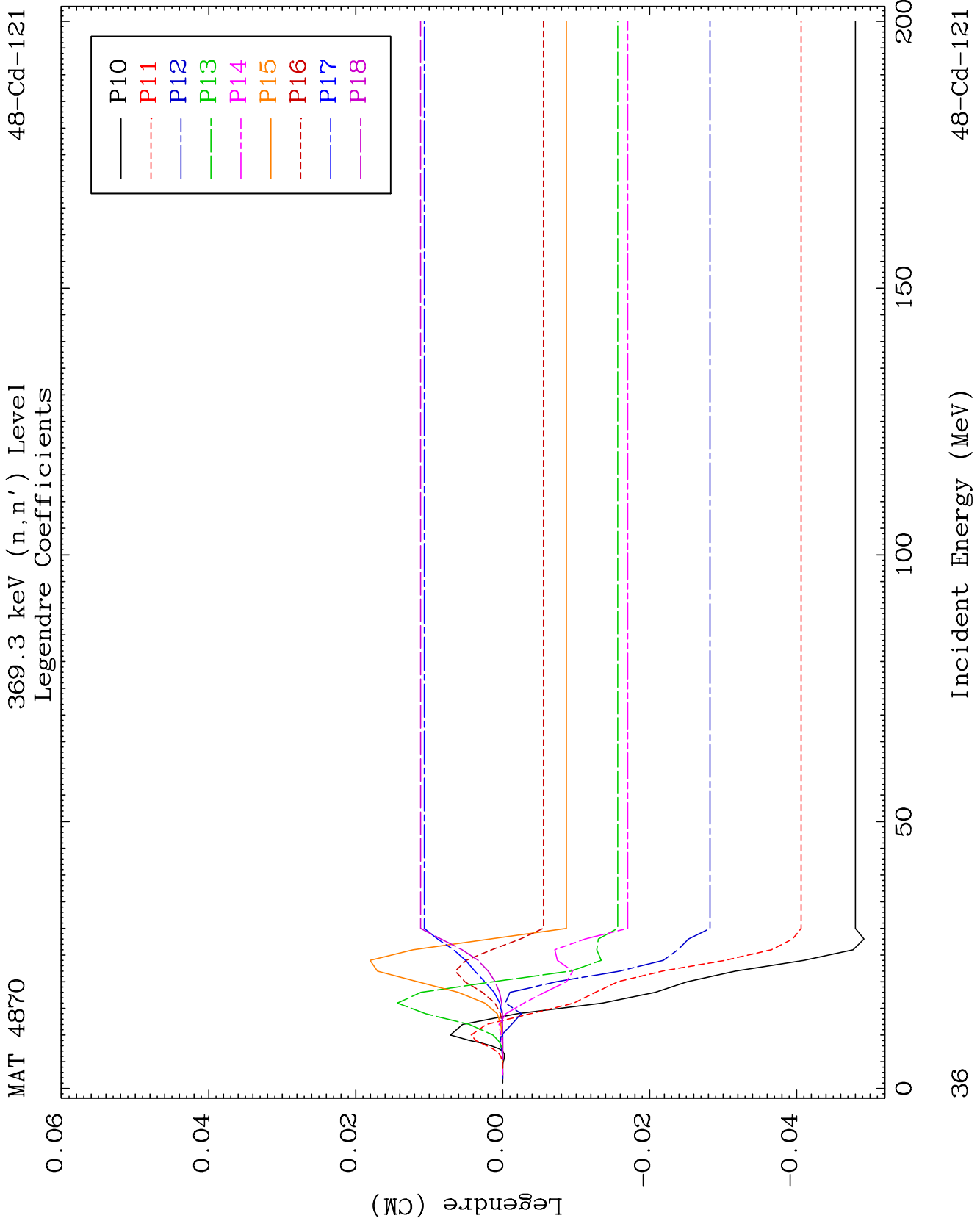








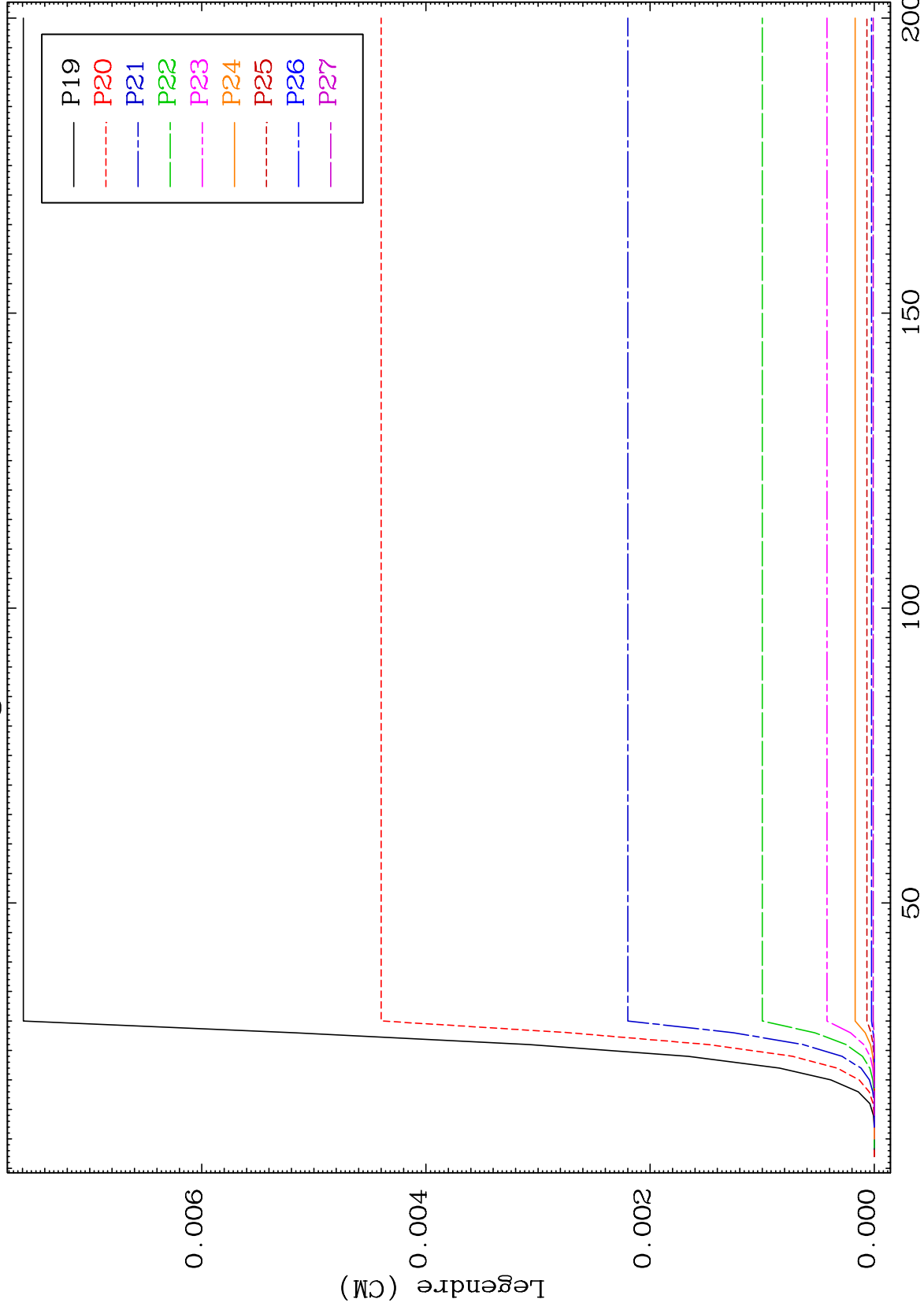




MAT 4870

369.3 keV (n,n') Level
Legendre Coefficients

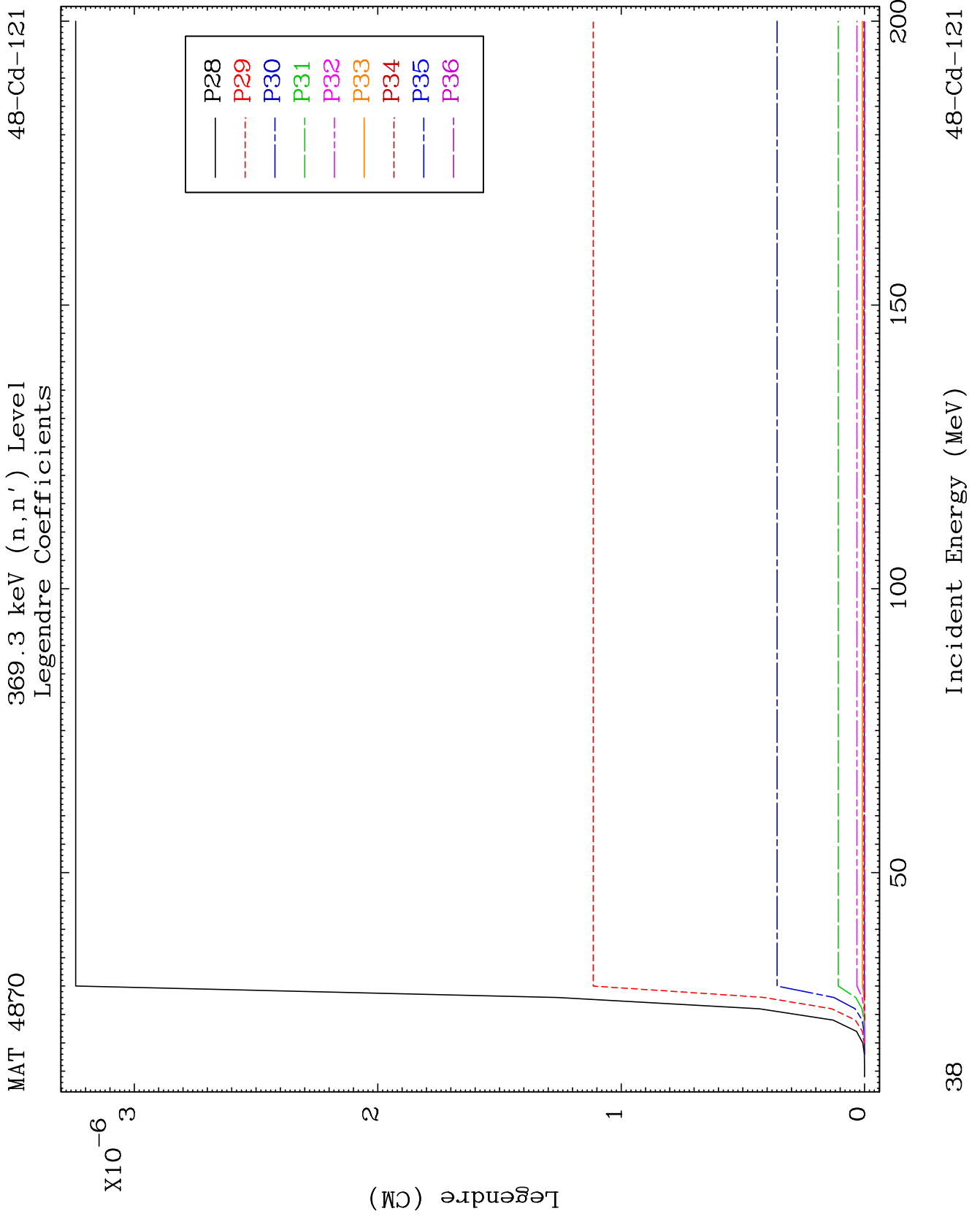
48-Cd-121

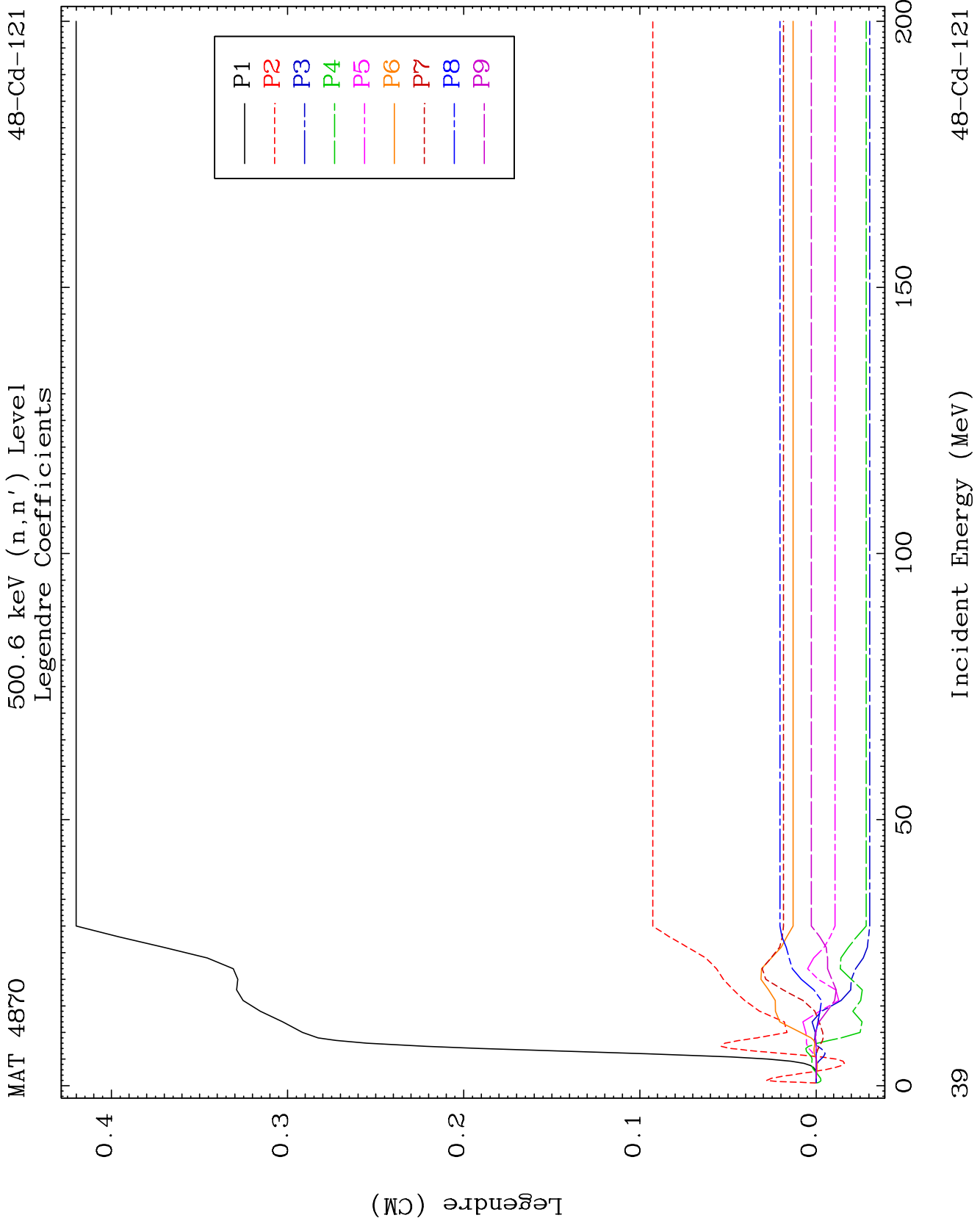


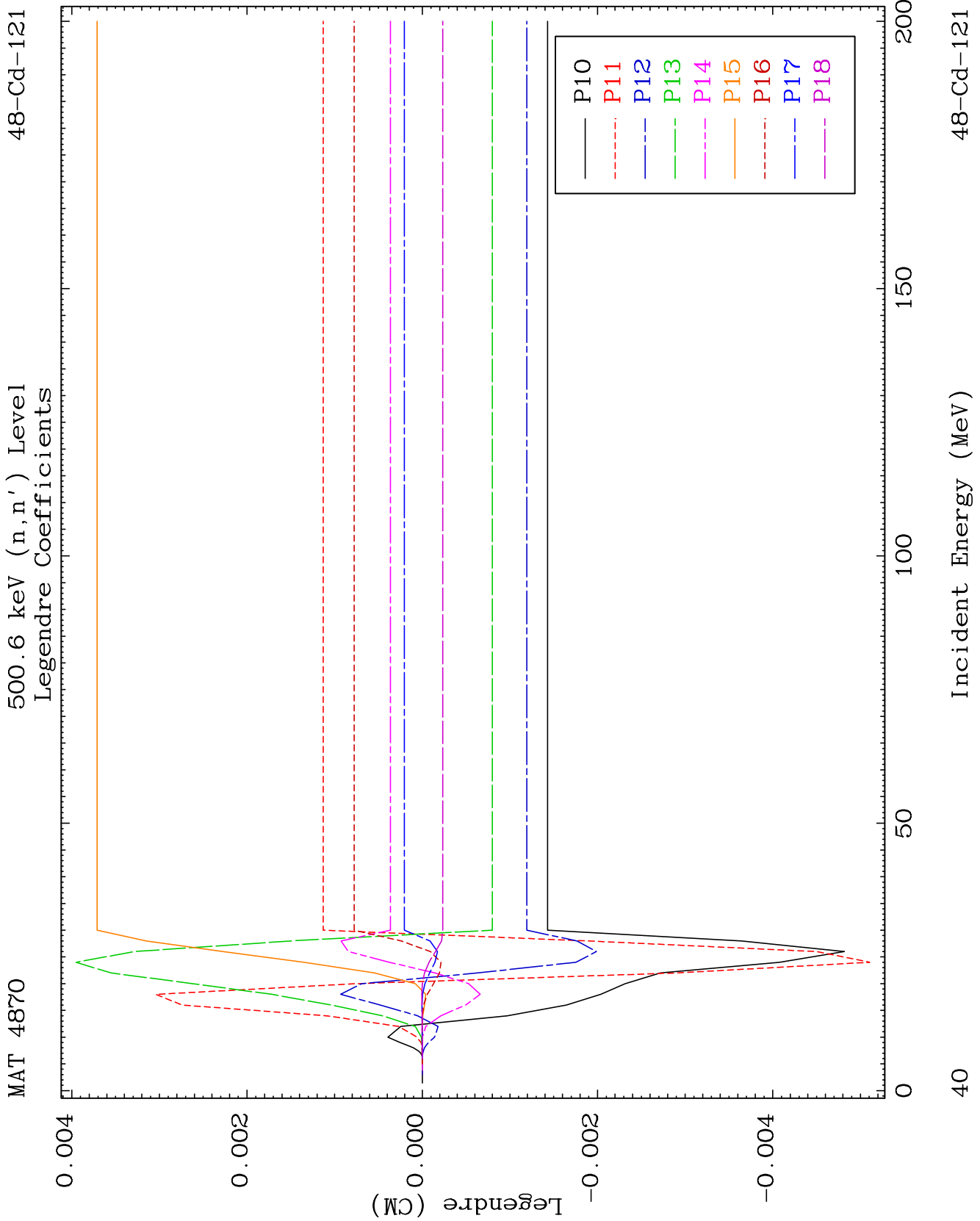
37

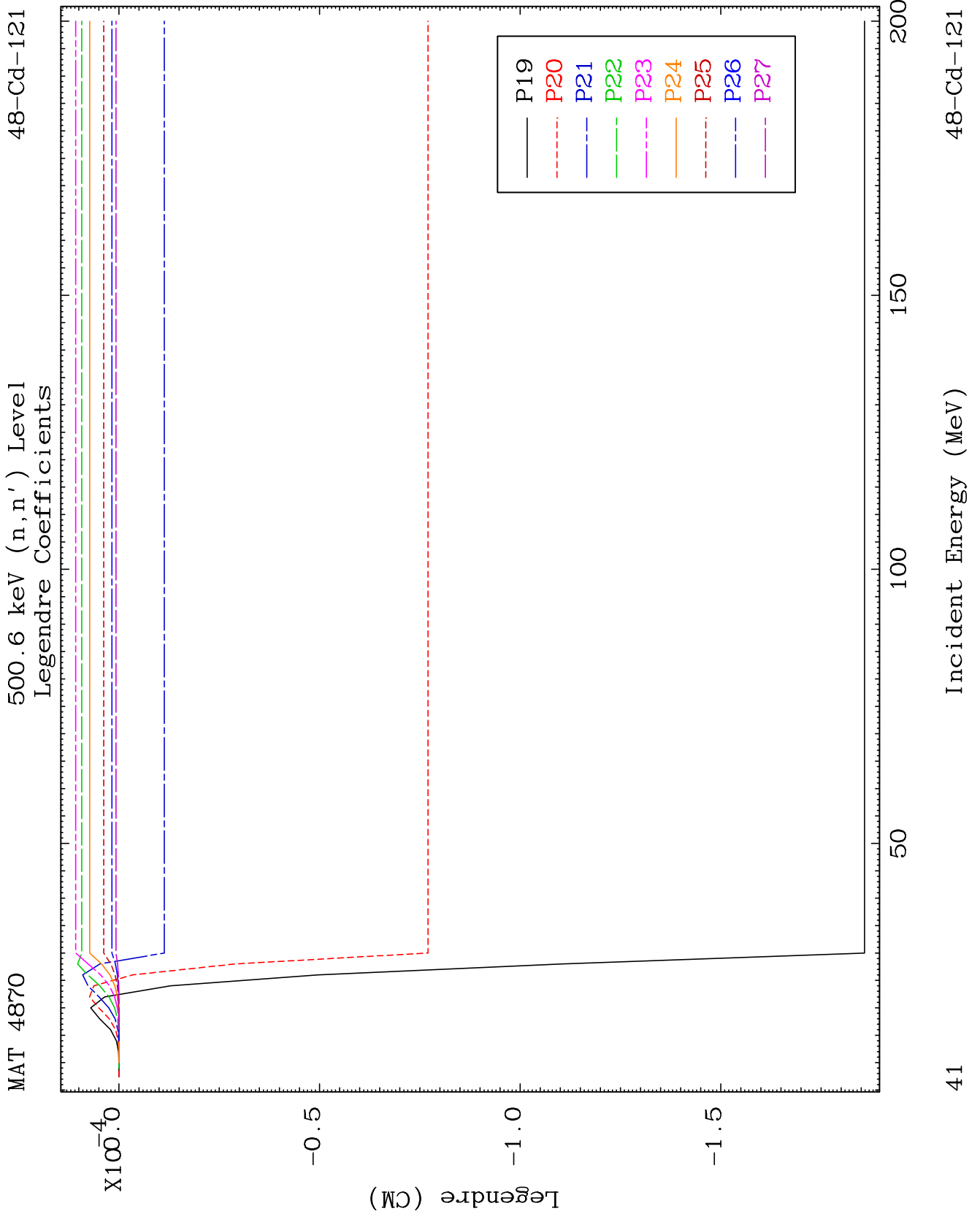
Incident Energy (MeV)

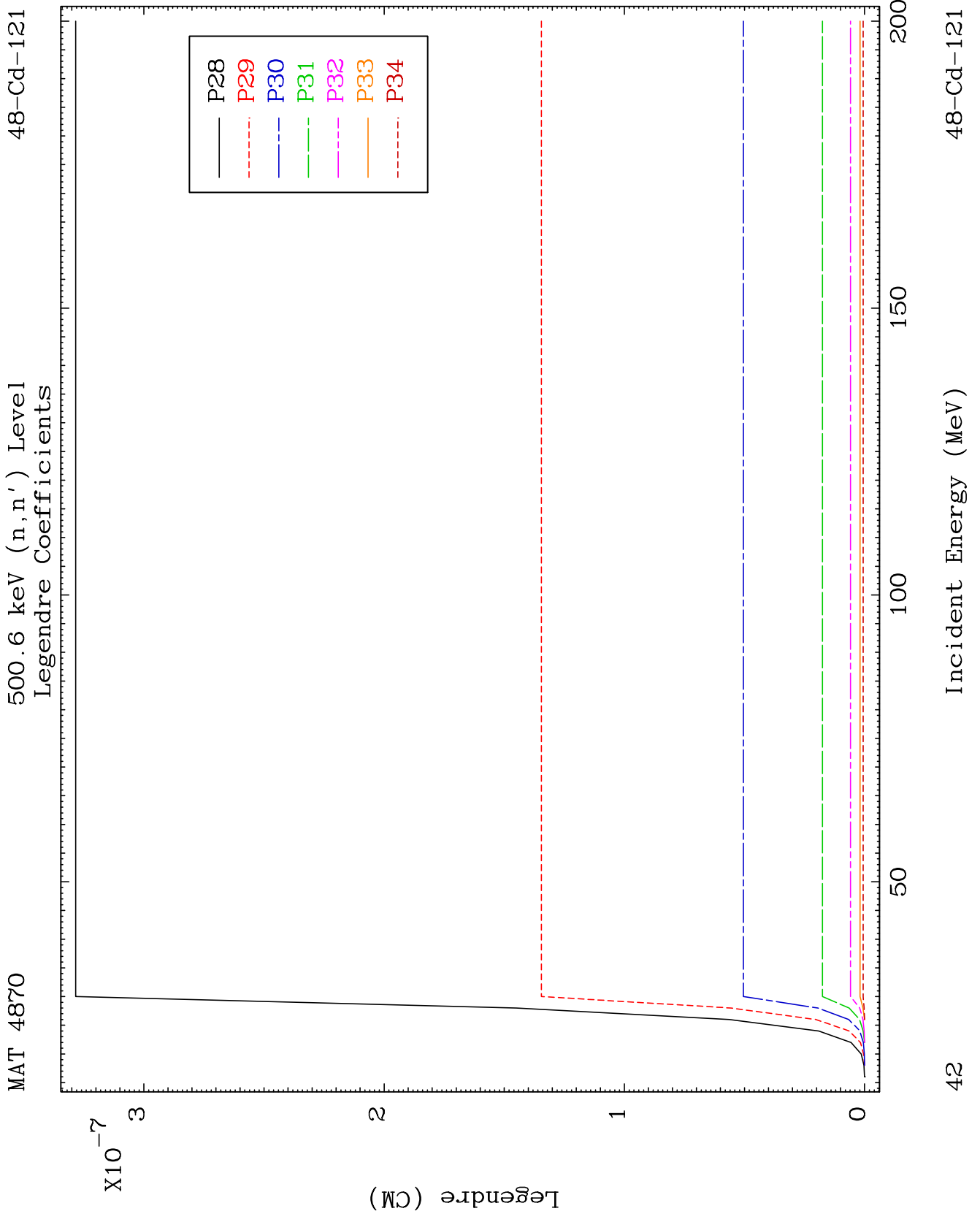
48-Cd-121

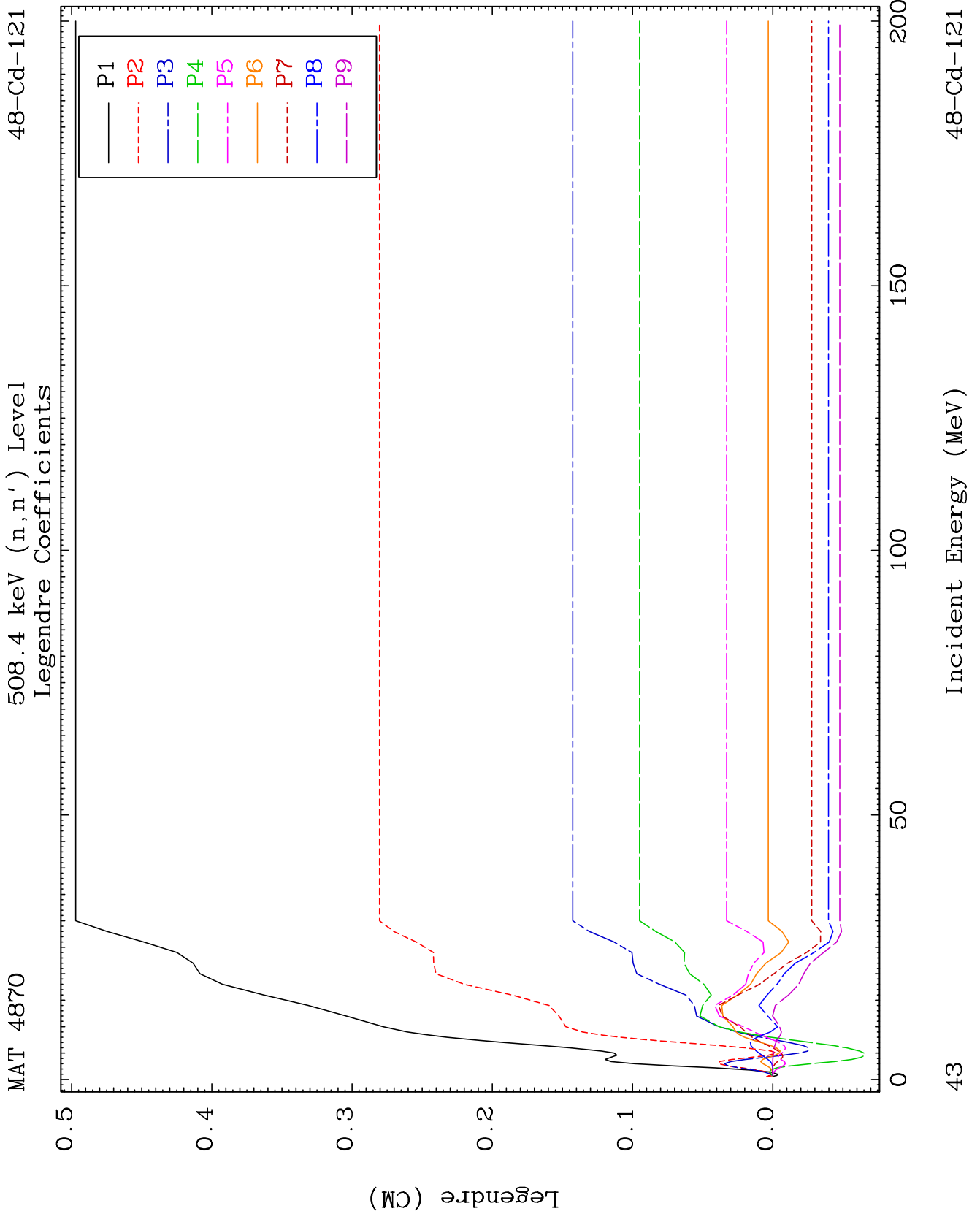








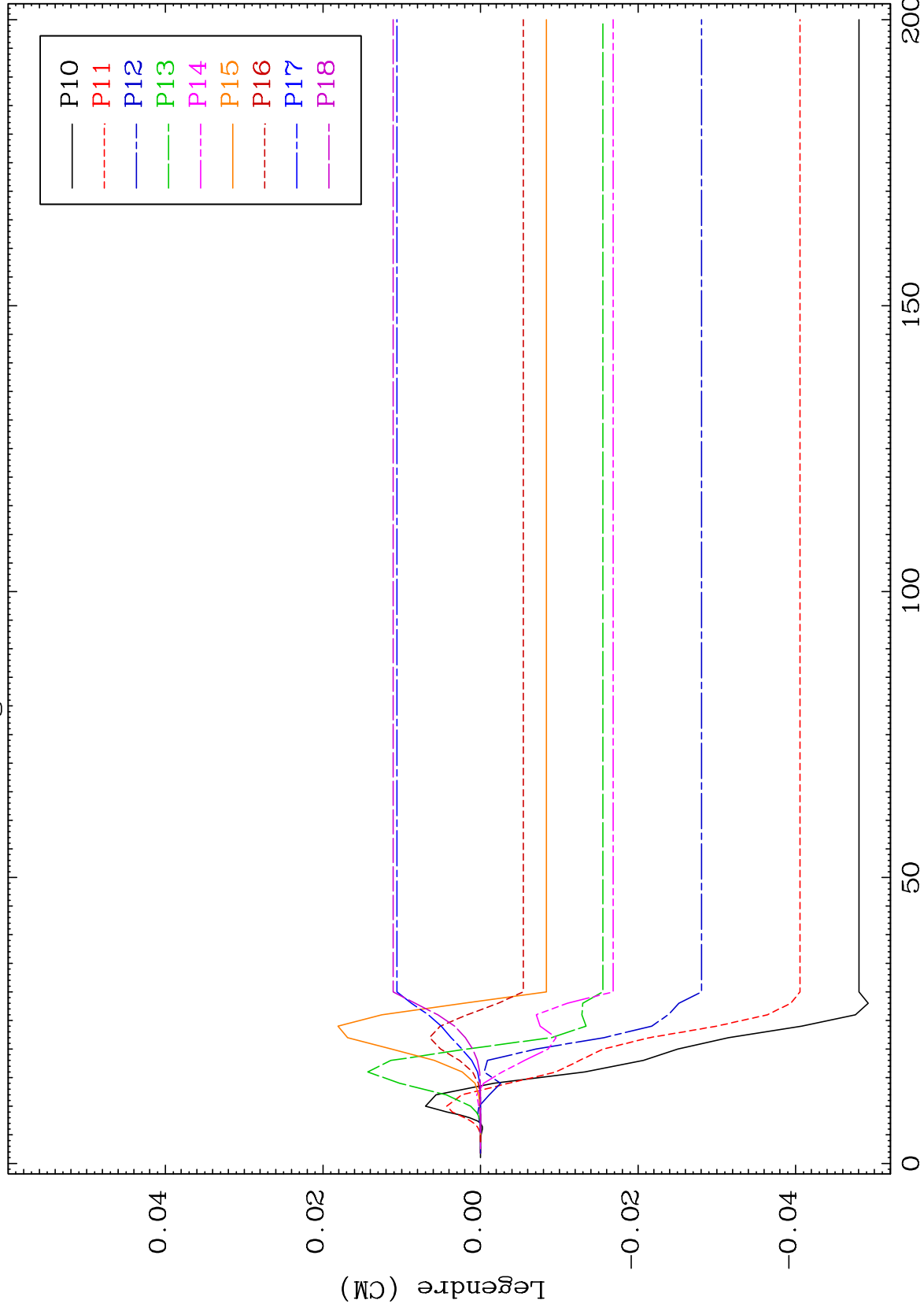




MAT 4870

508.4 keV (n,n') Level
Legendre Coefficients

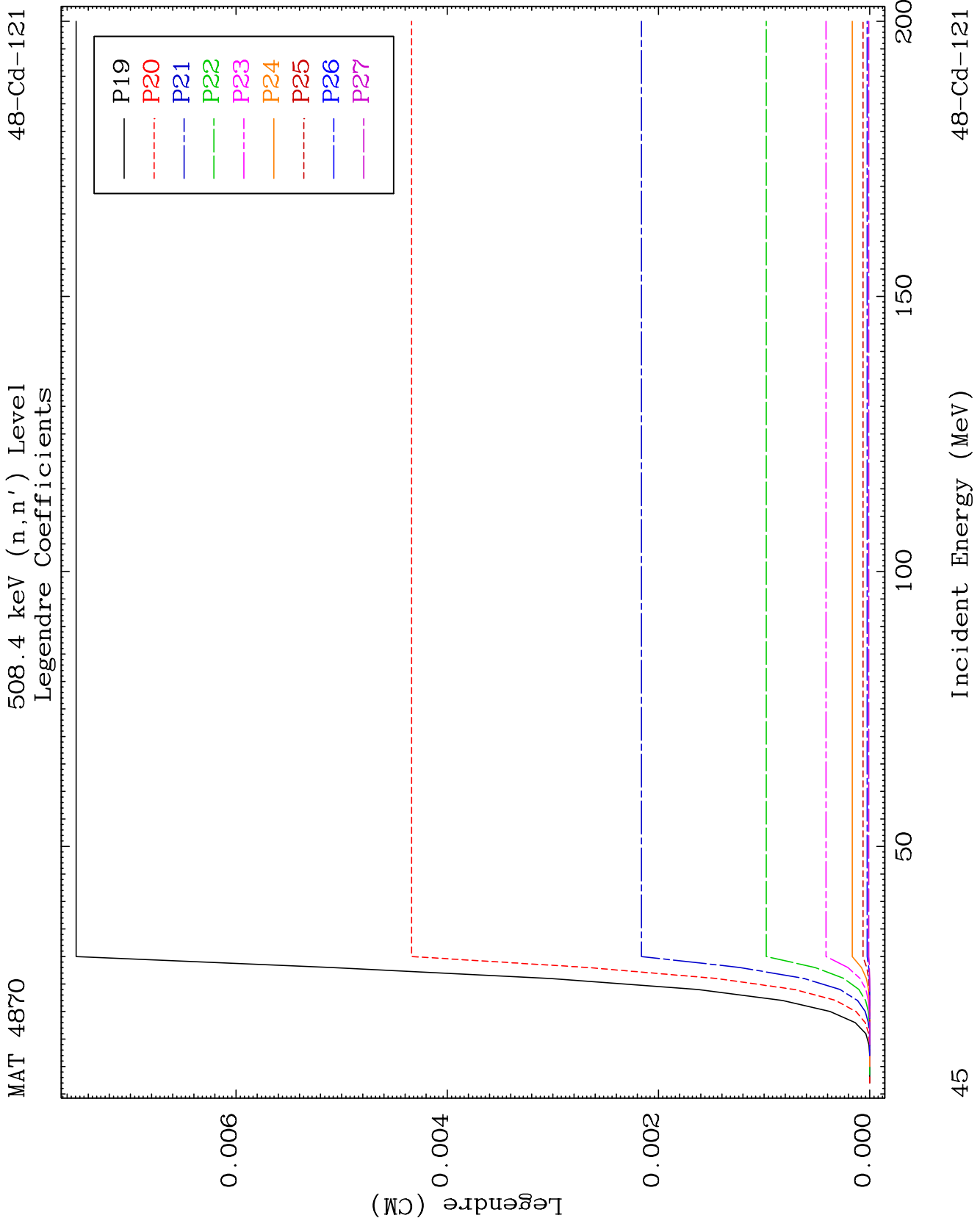
48-Cd-121



44

Incident Energy (MeV)

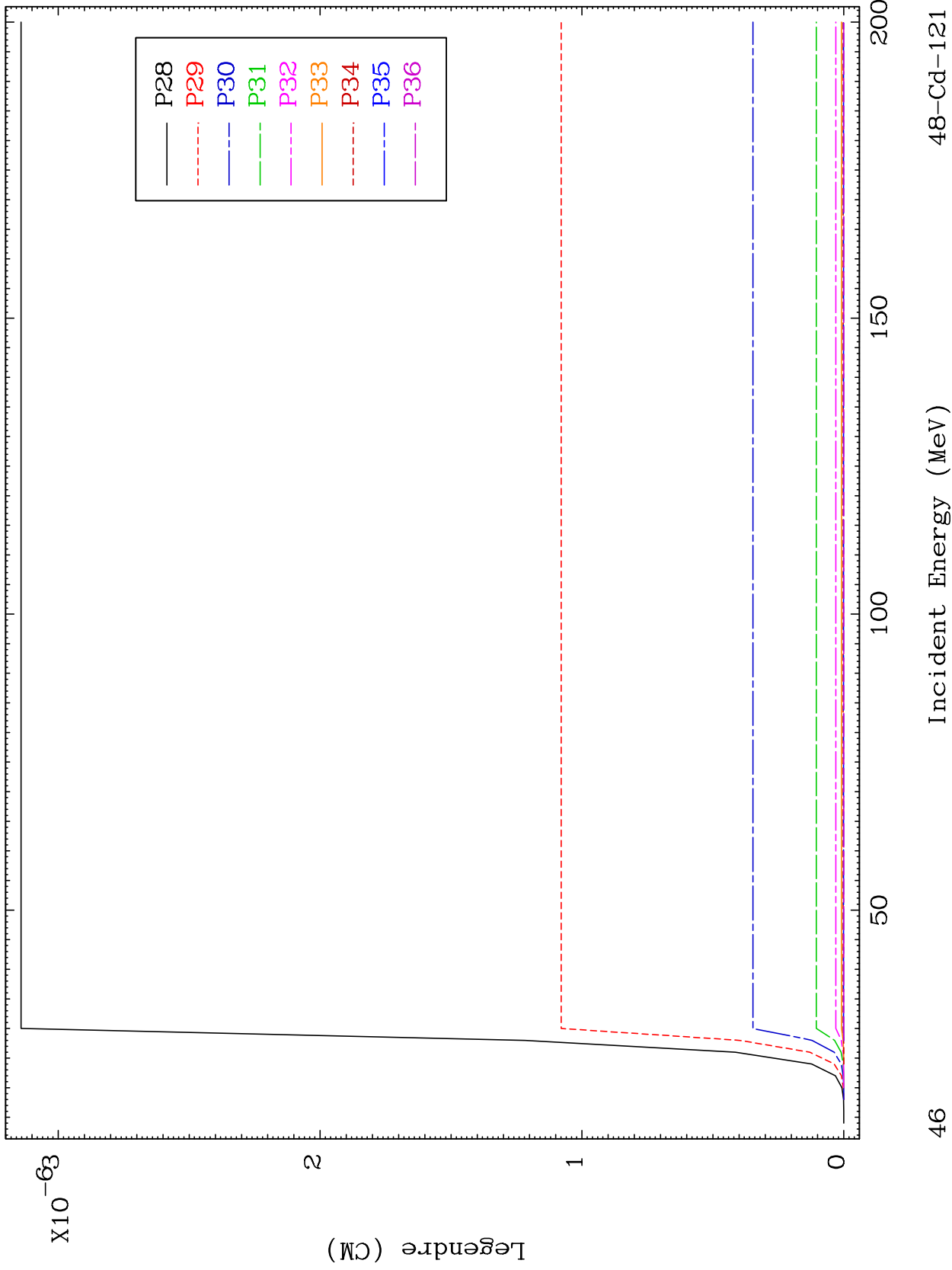
48-Cd-121



MAT 4870

508.4 keV (n,n') Level
Legendre Coefficients

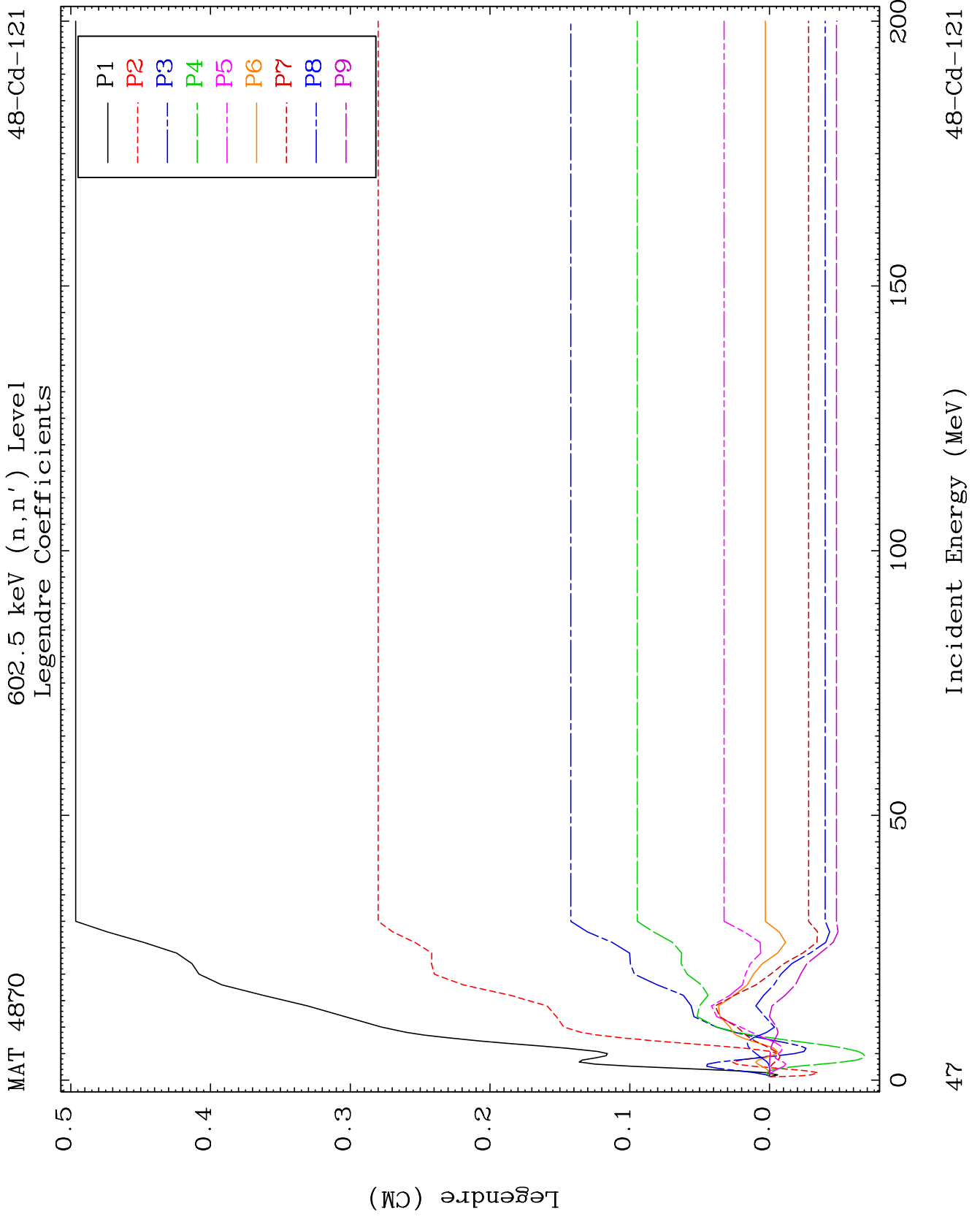
48-Cd-121



46

Incident Energy (MeV)

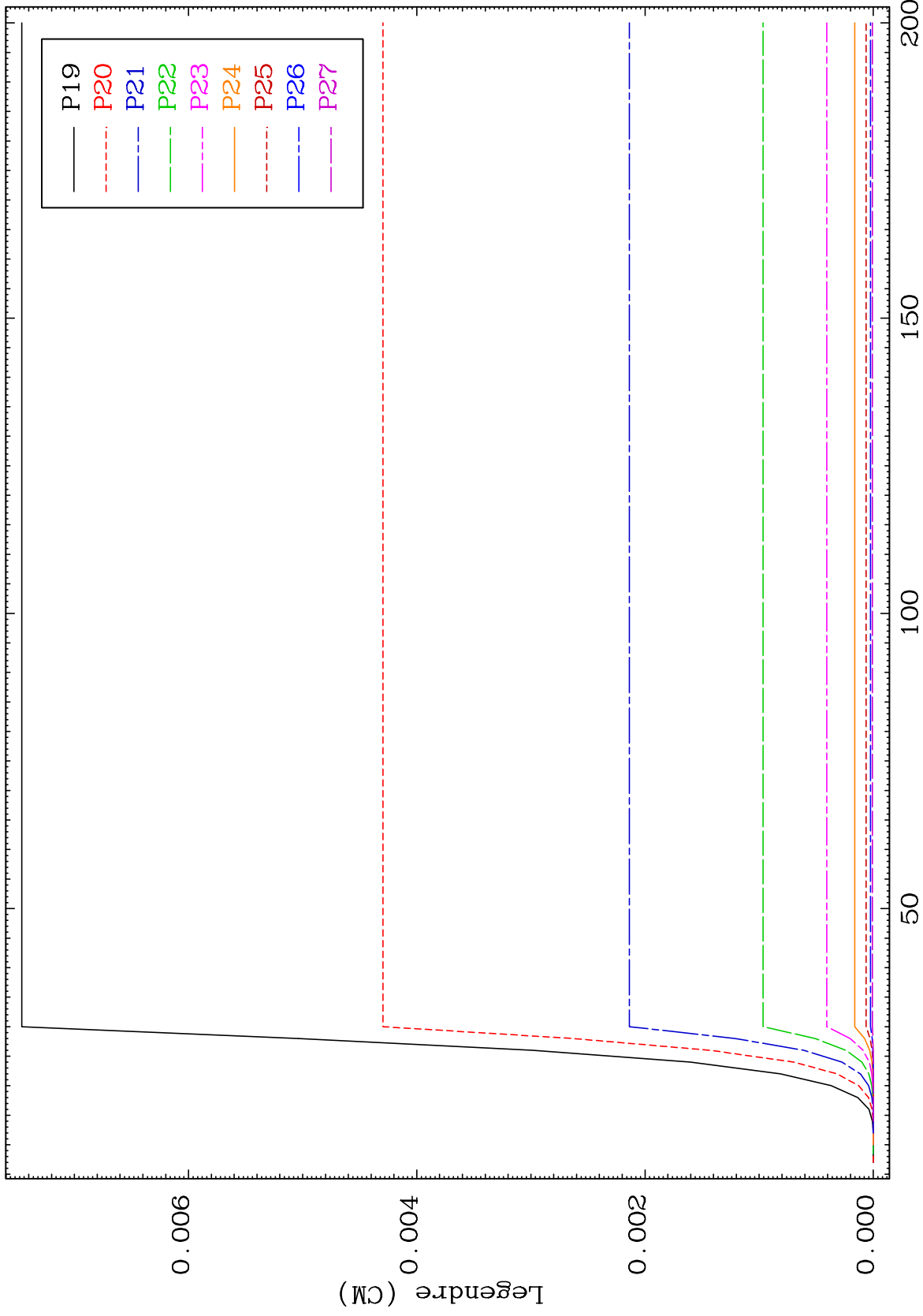
48-Cd-121



MAT 4870

602.5 keV (n,n') Level
Legendre Coefficients

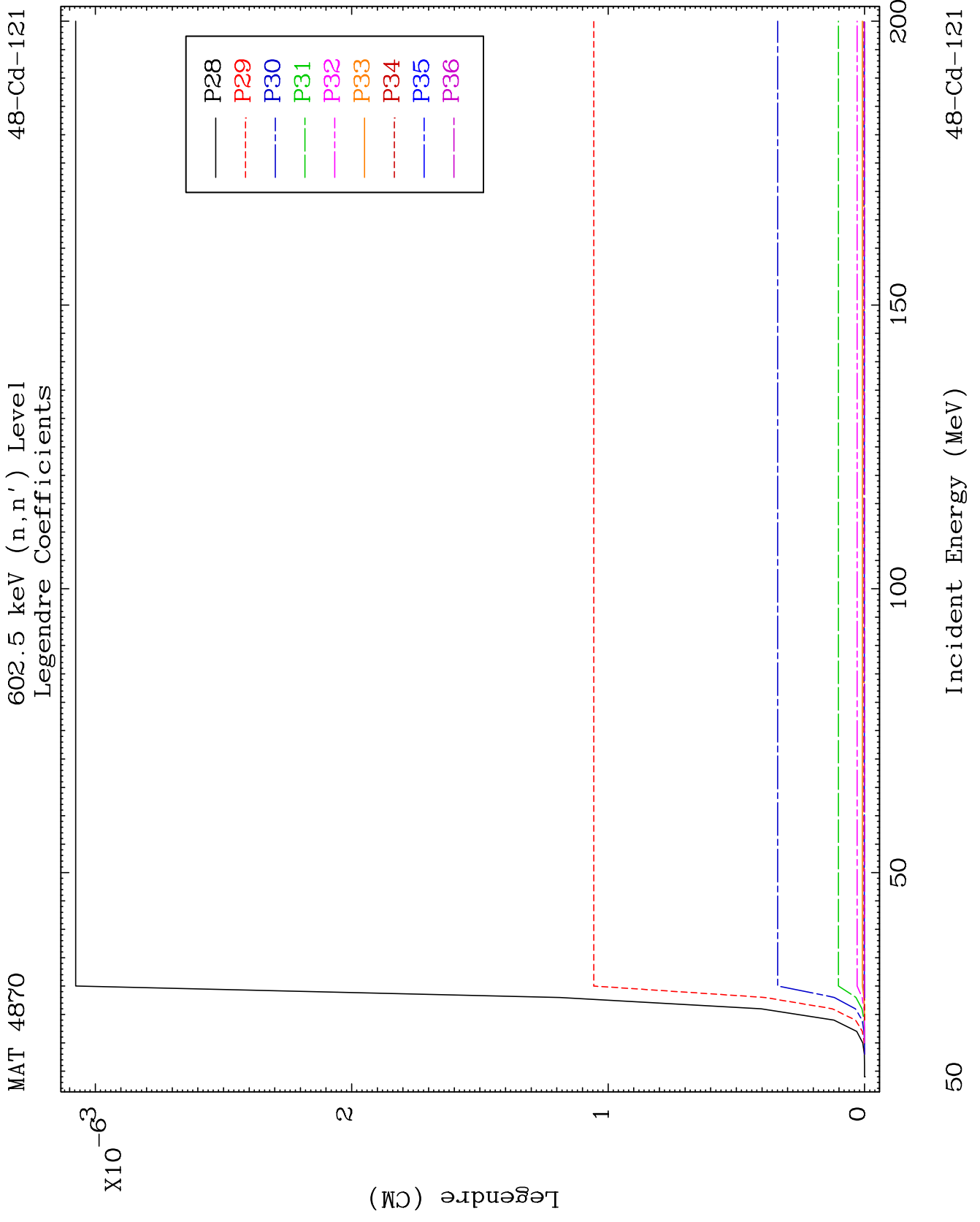
48-Cd-121



49

Incident Energy (MeV)

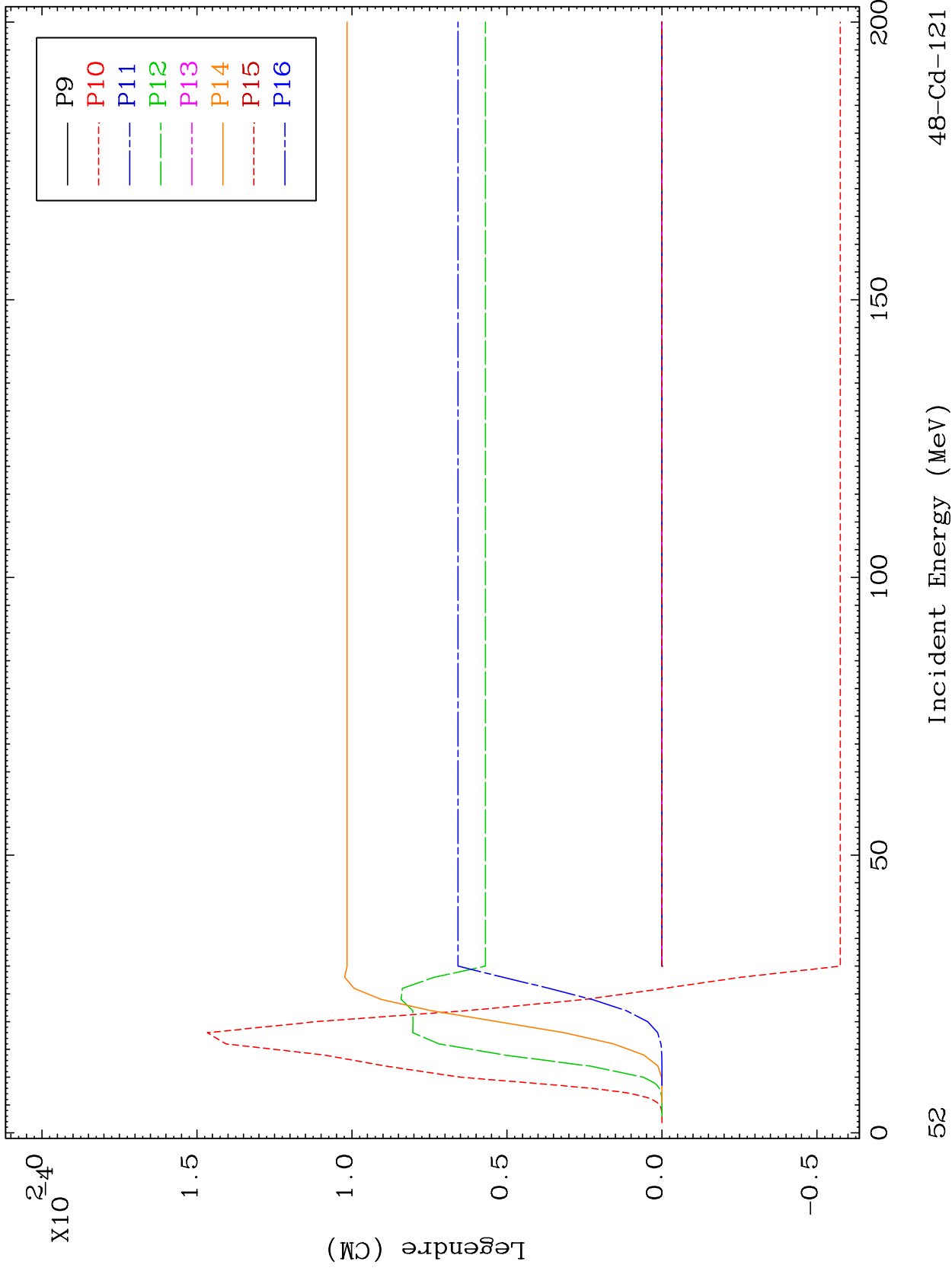
48-Cd-121



MAT 4870

725.4 keV (n,n') Level
Legendre Coefficients

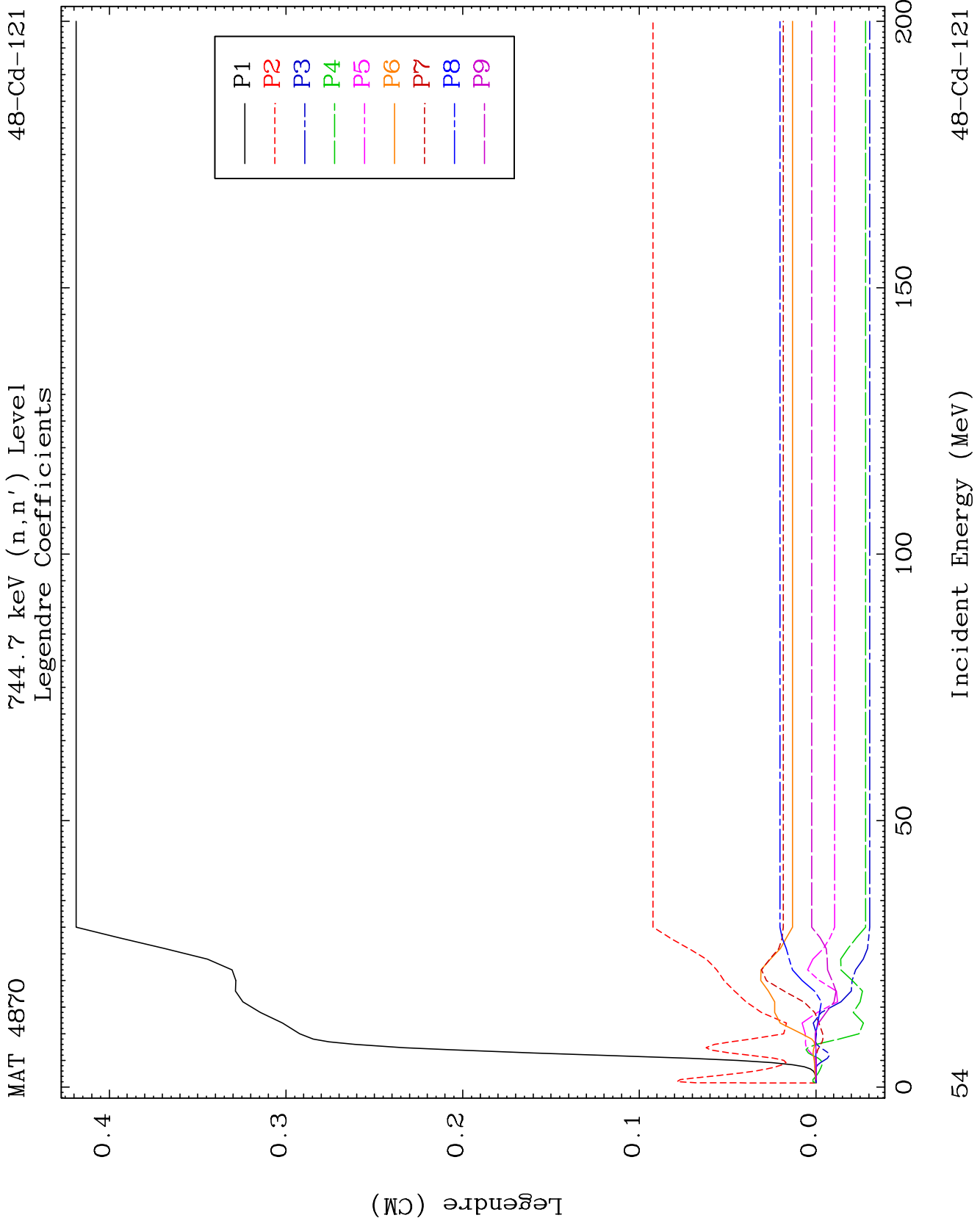
48-Cd-121

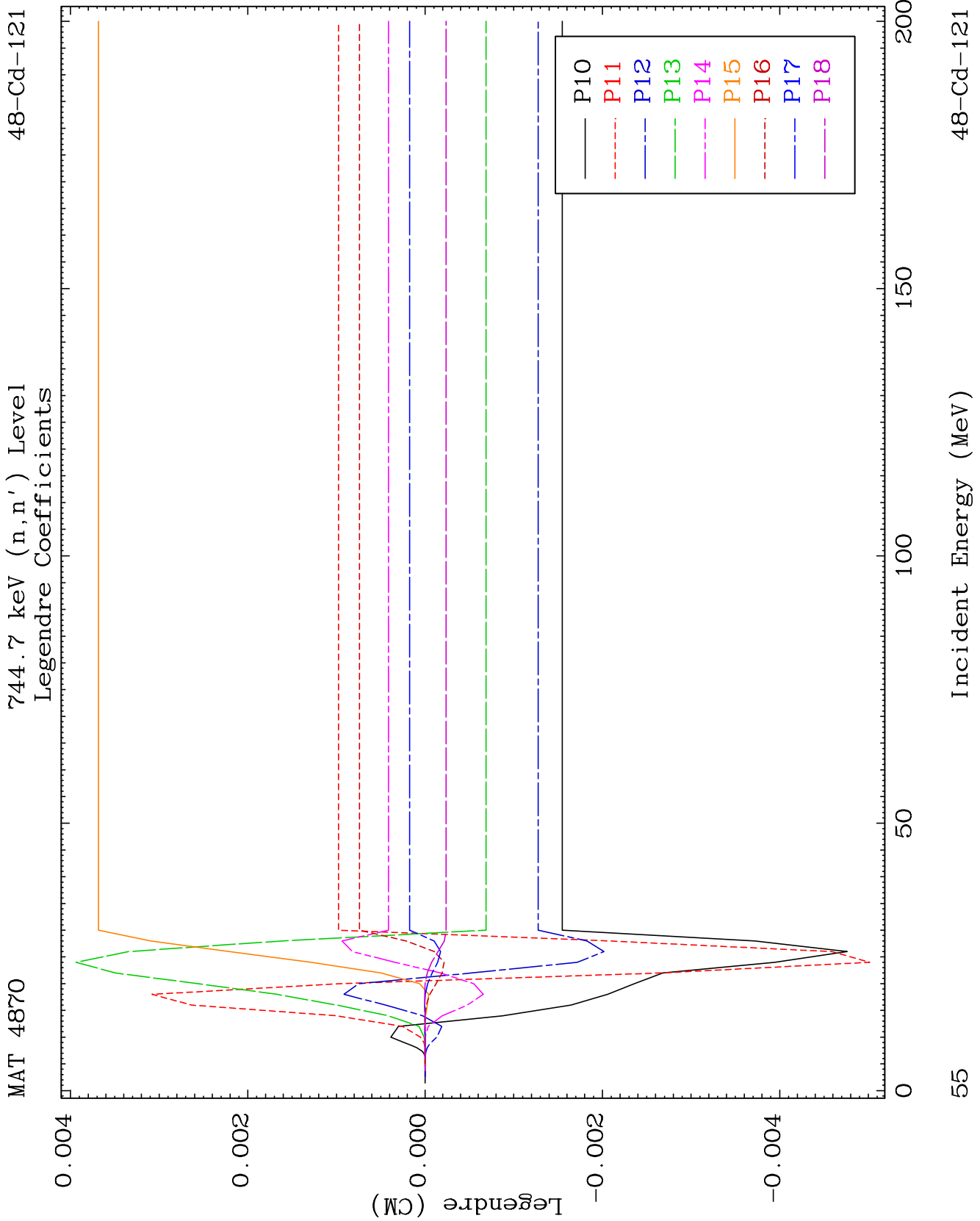


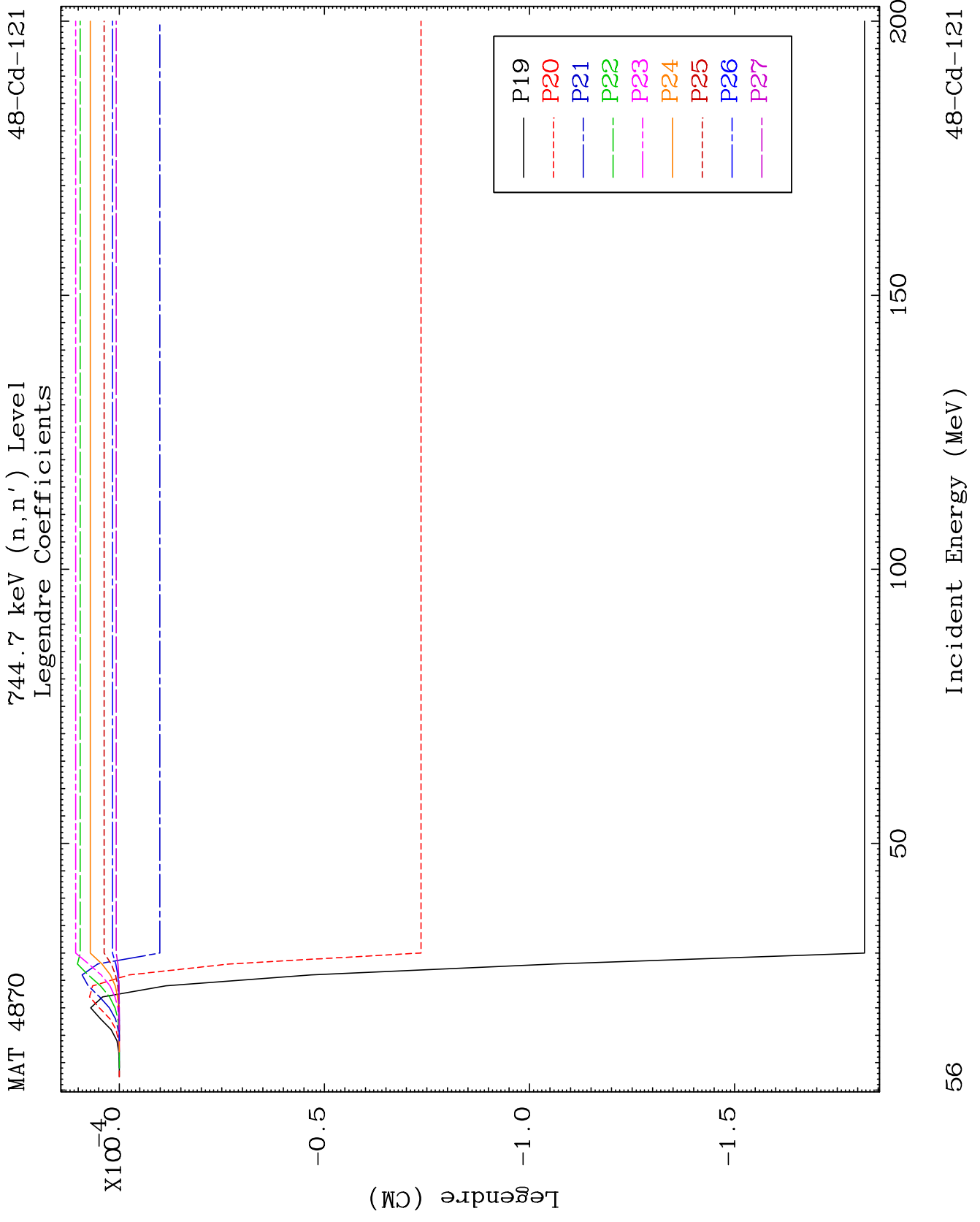
52

Incident Energy (MeV)

48-Cd-121



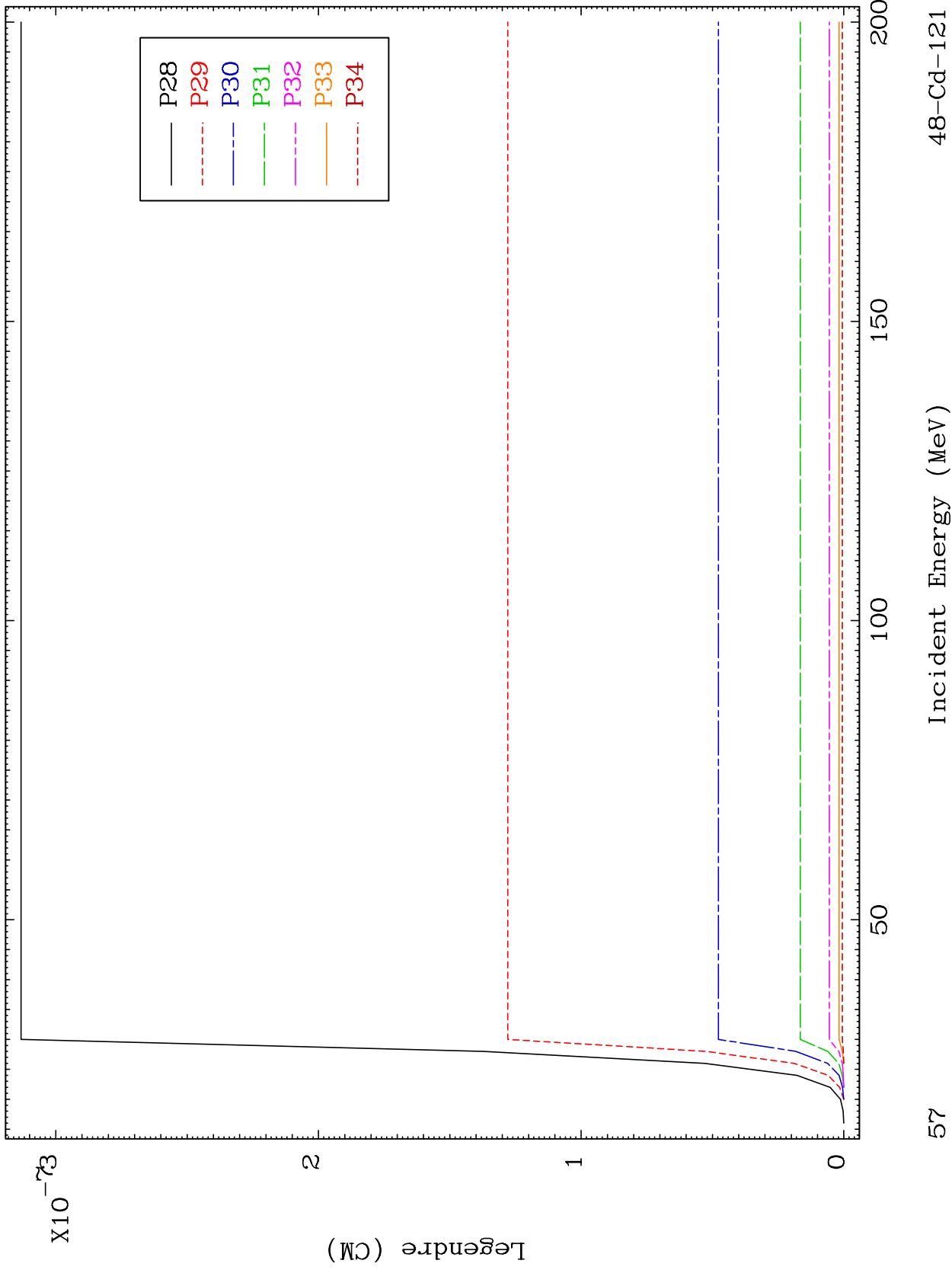




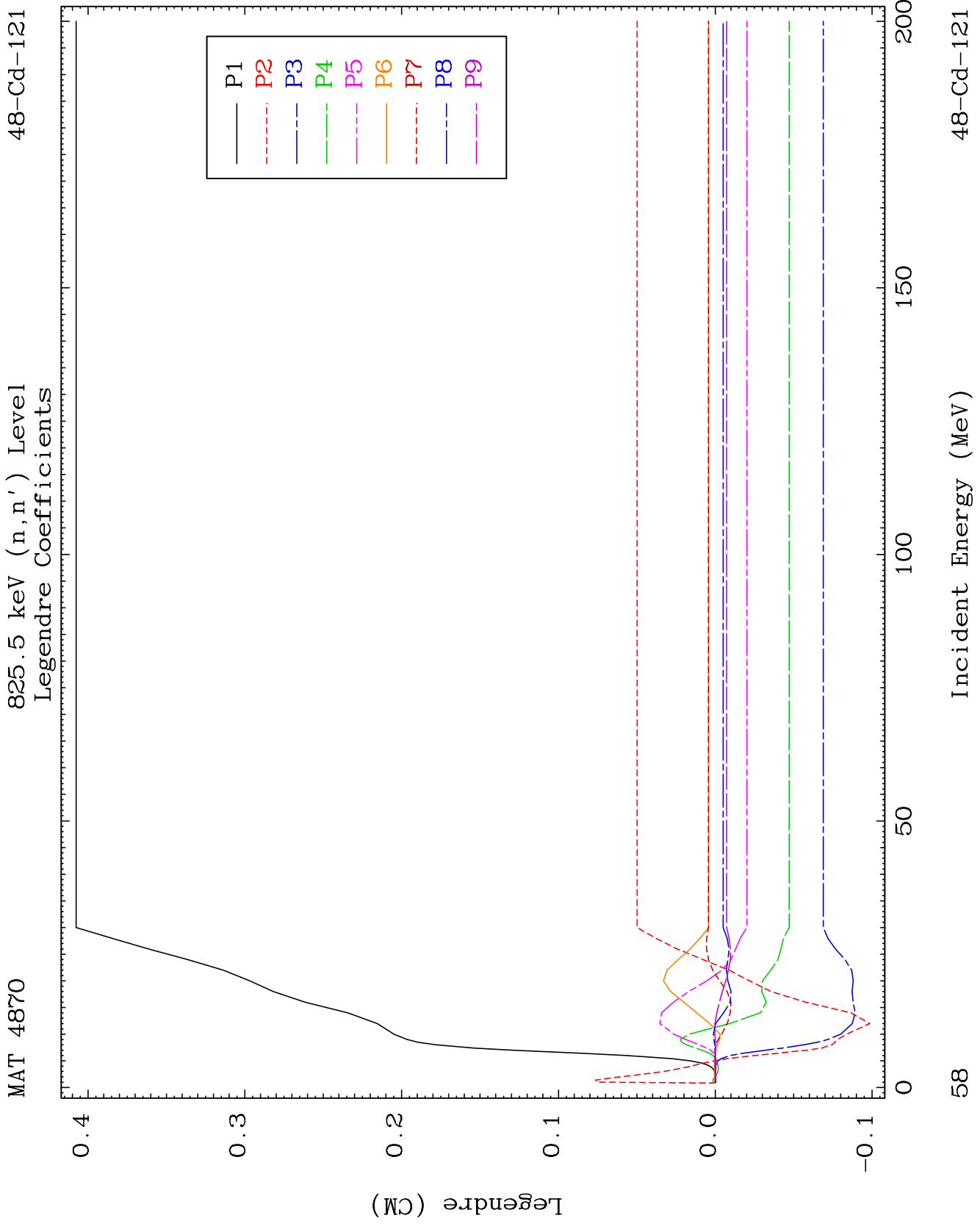
MAT 4870

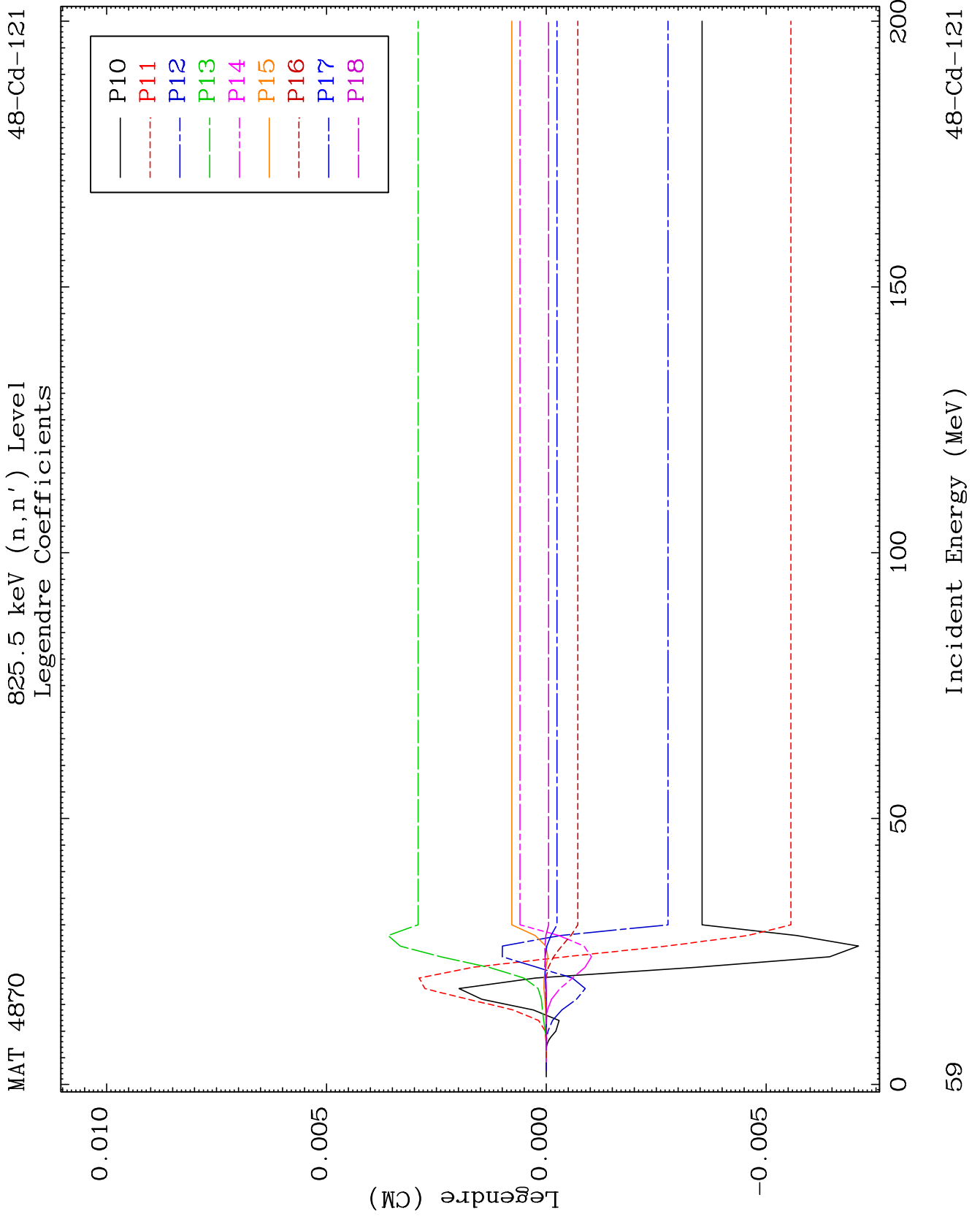
744.7 keV (n,n') Level
Legendre Coefficients

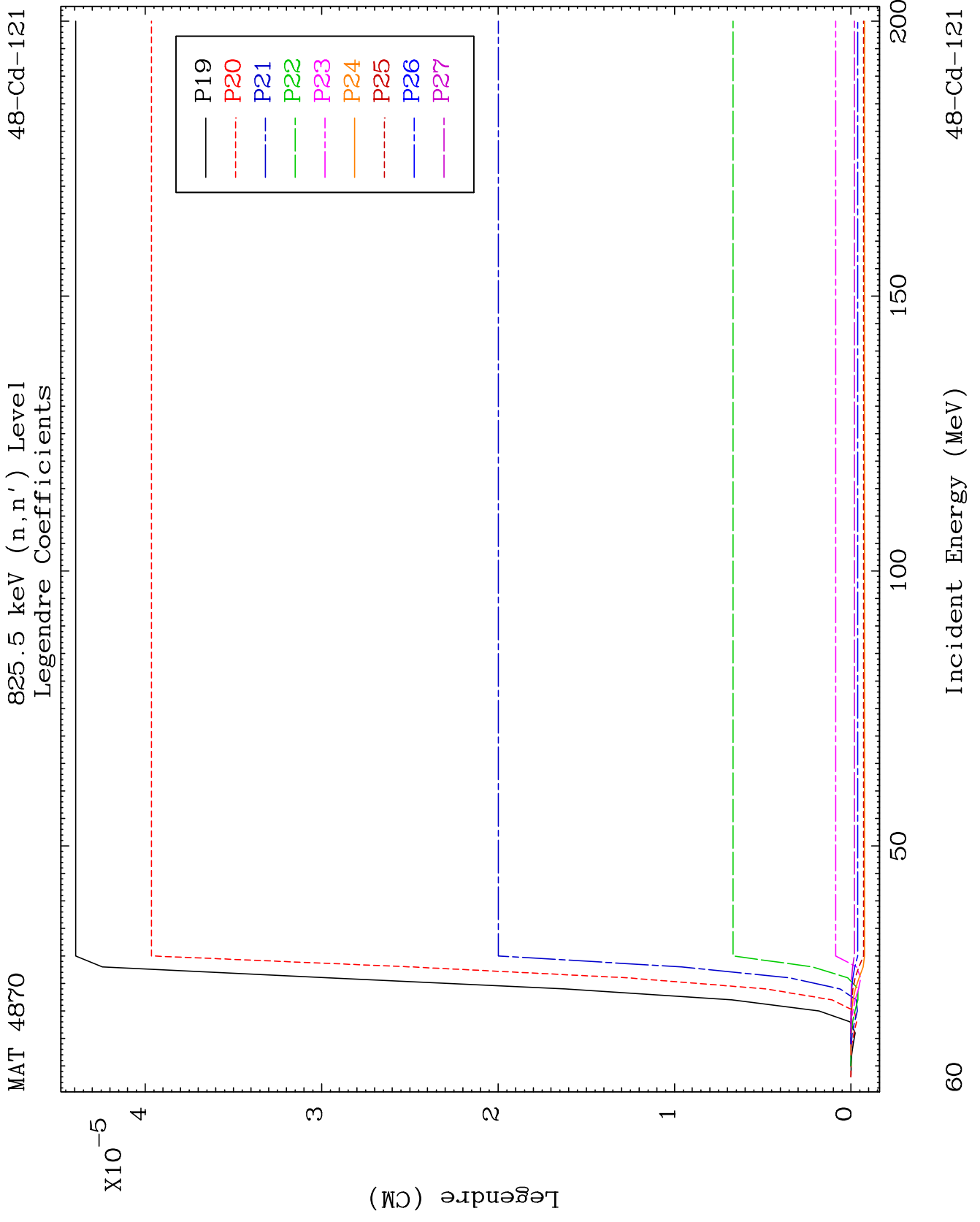
48-Cd-121

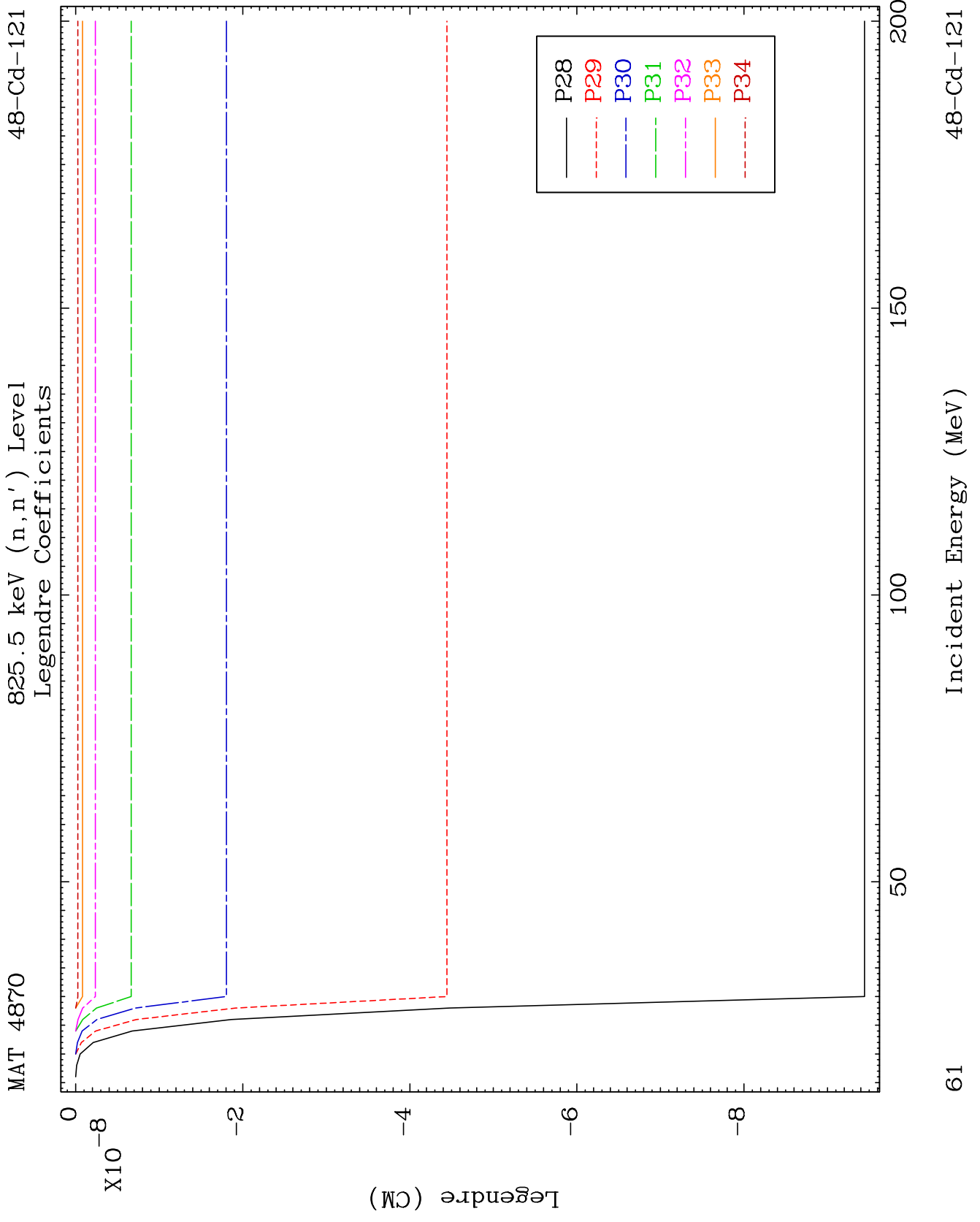


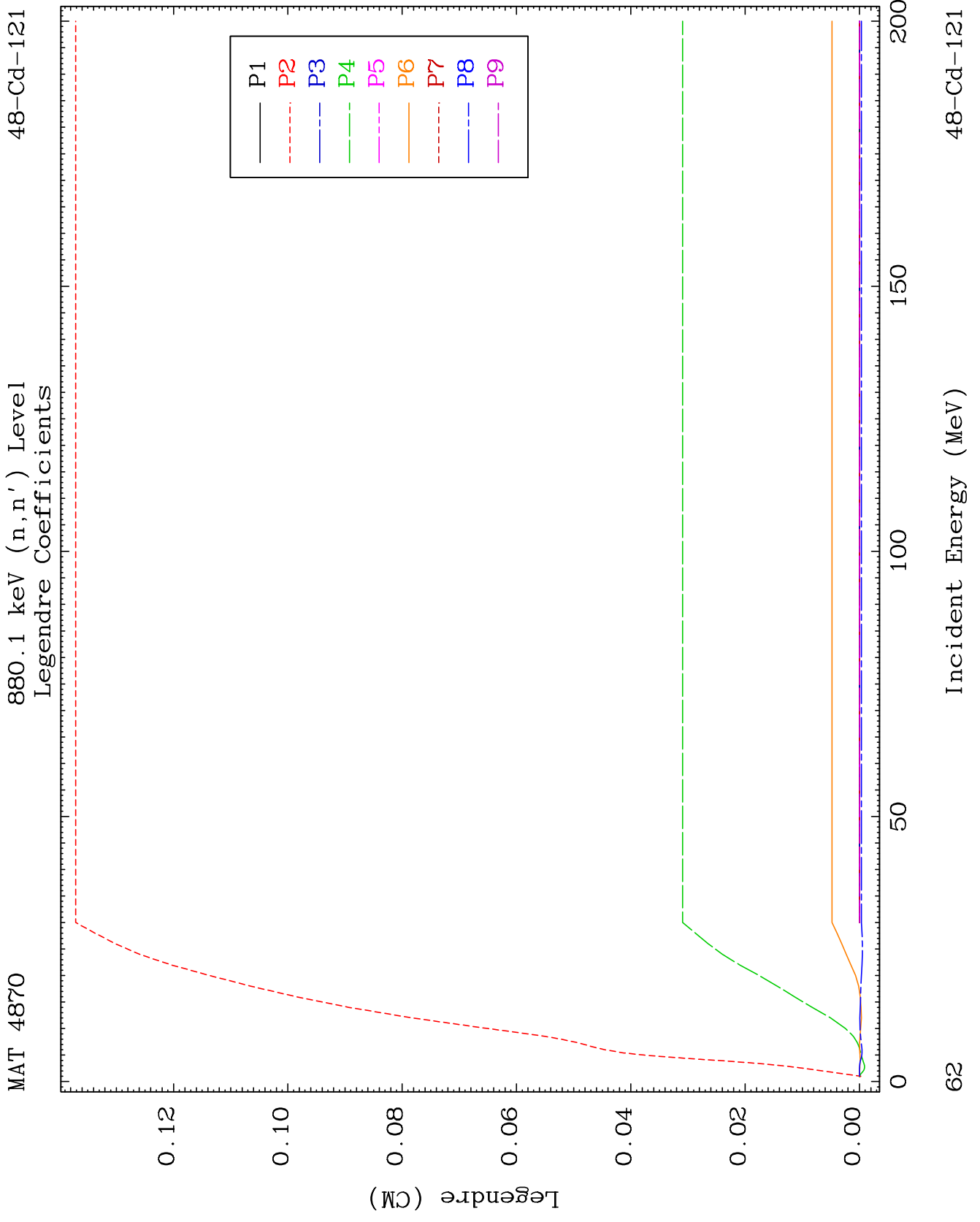
57

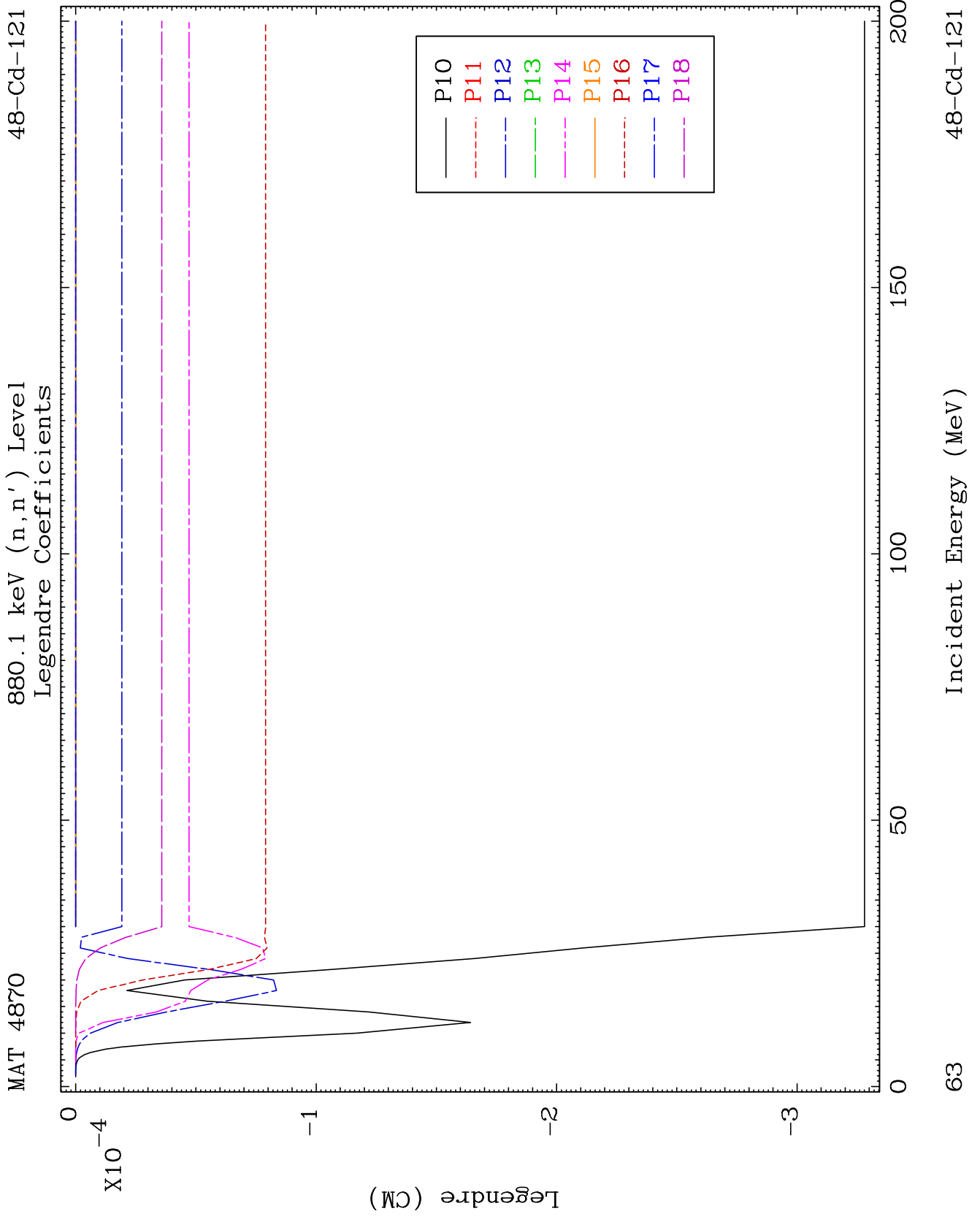


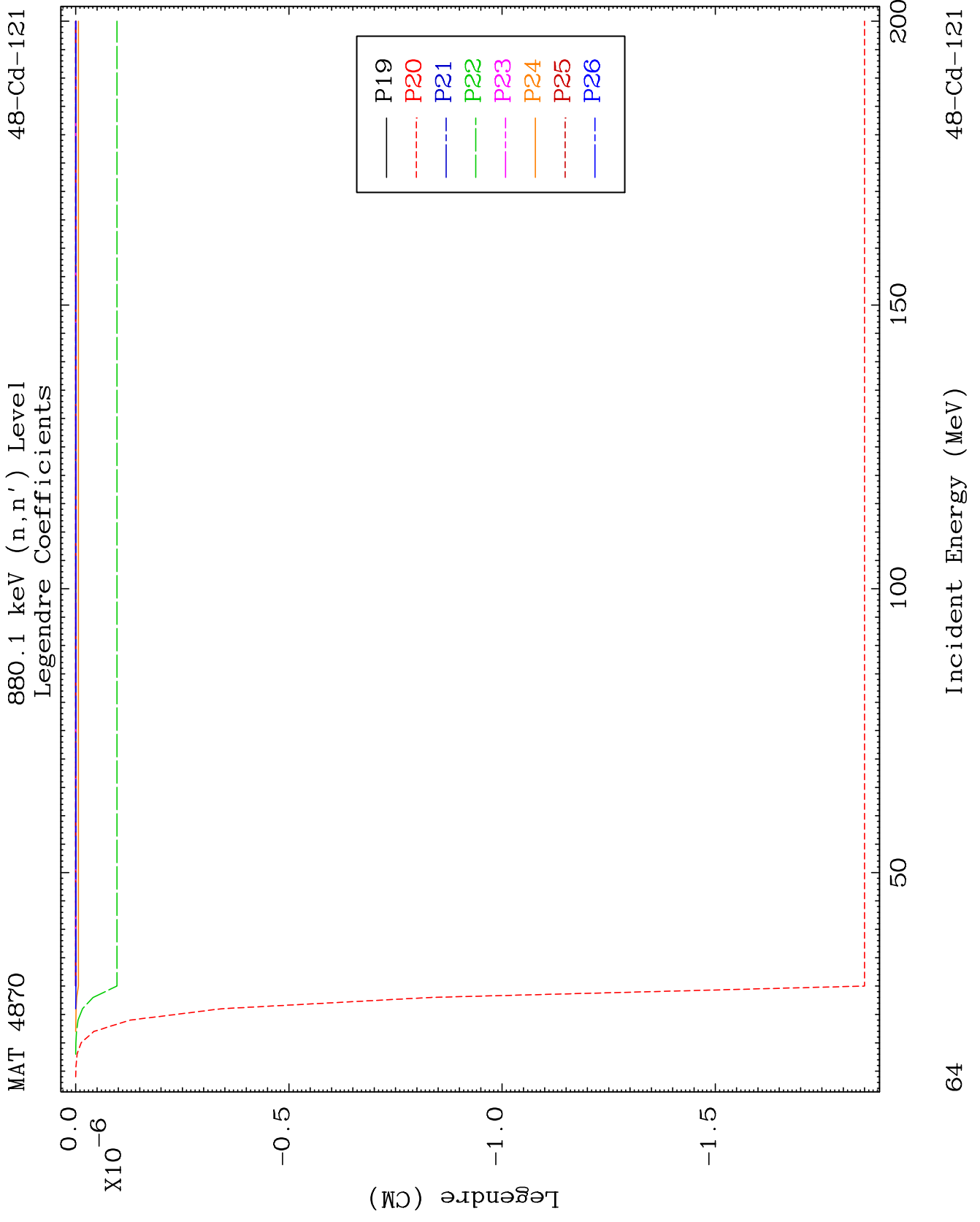


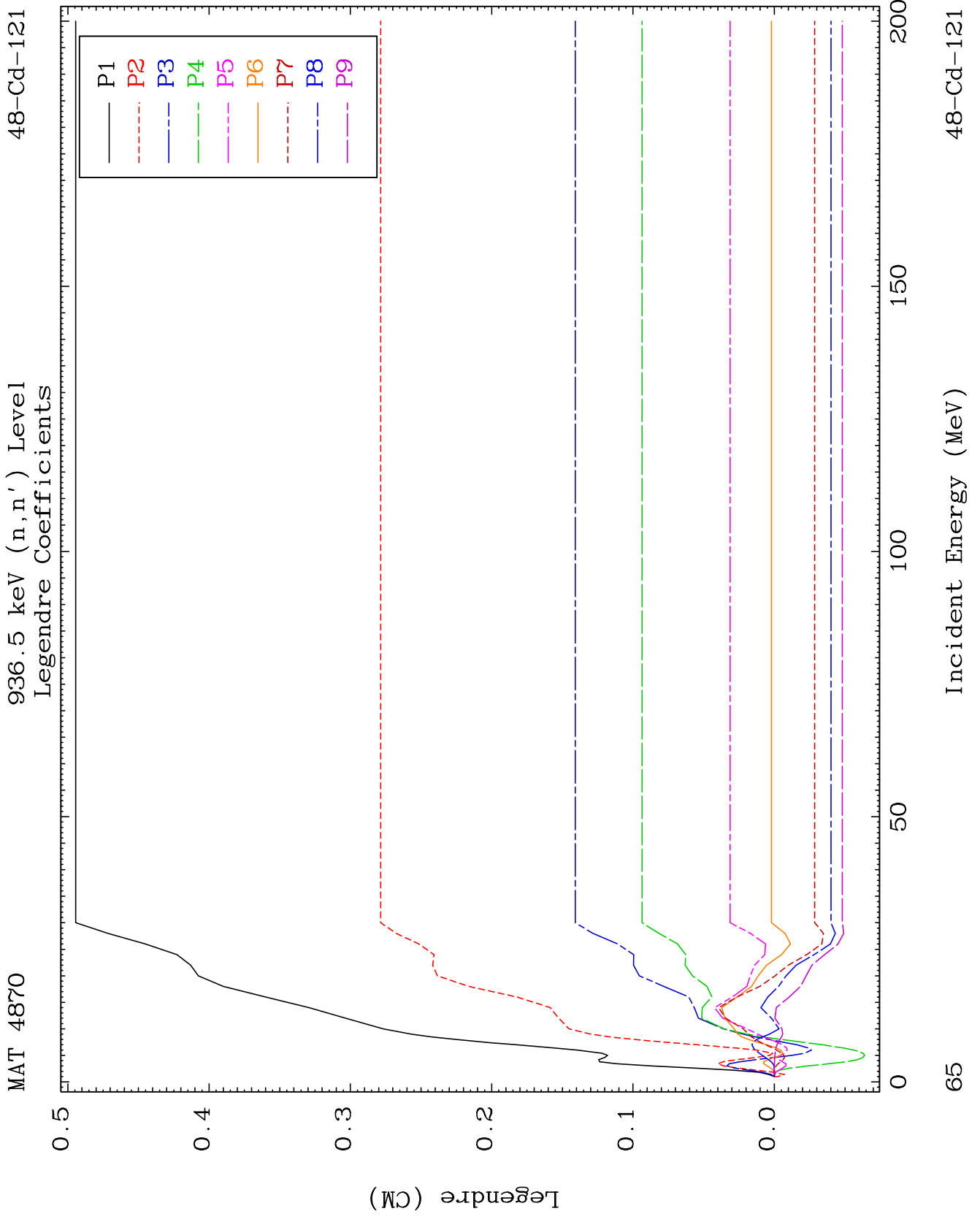








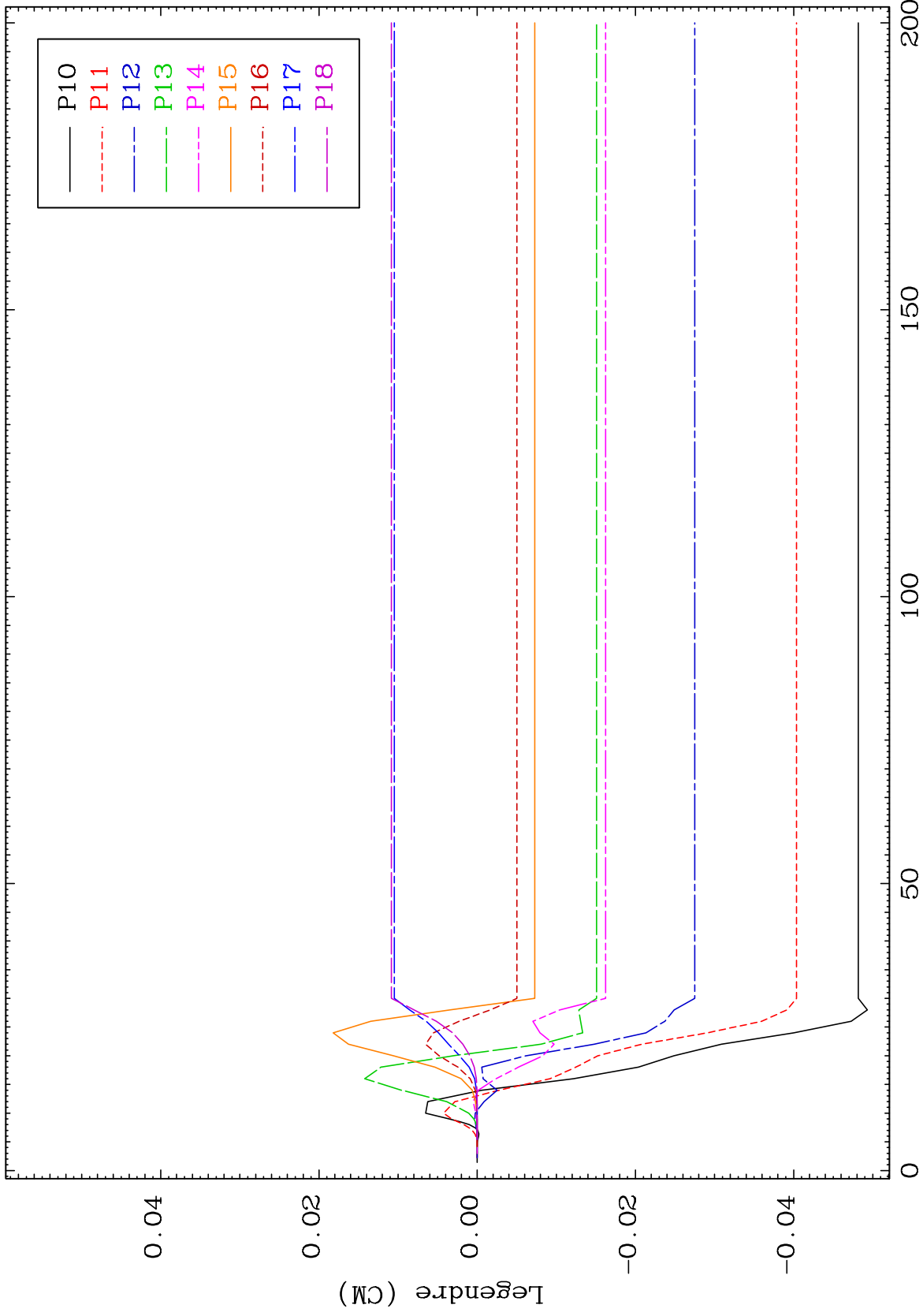




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936.5 keV (n,n') Level
Legendre Coefficients

48-Cd-121



66

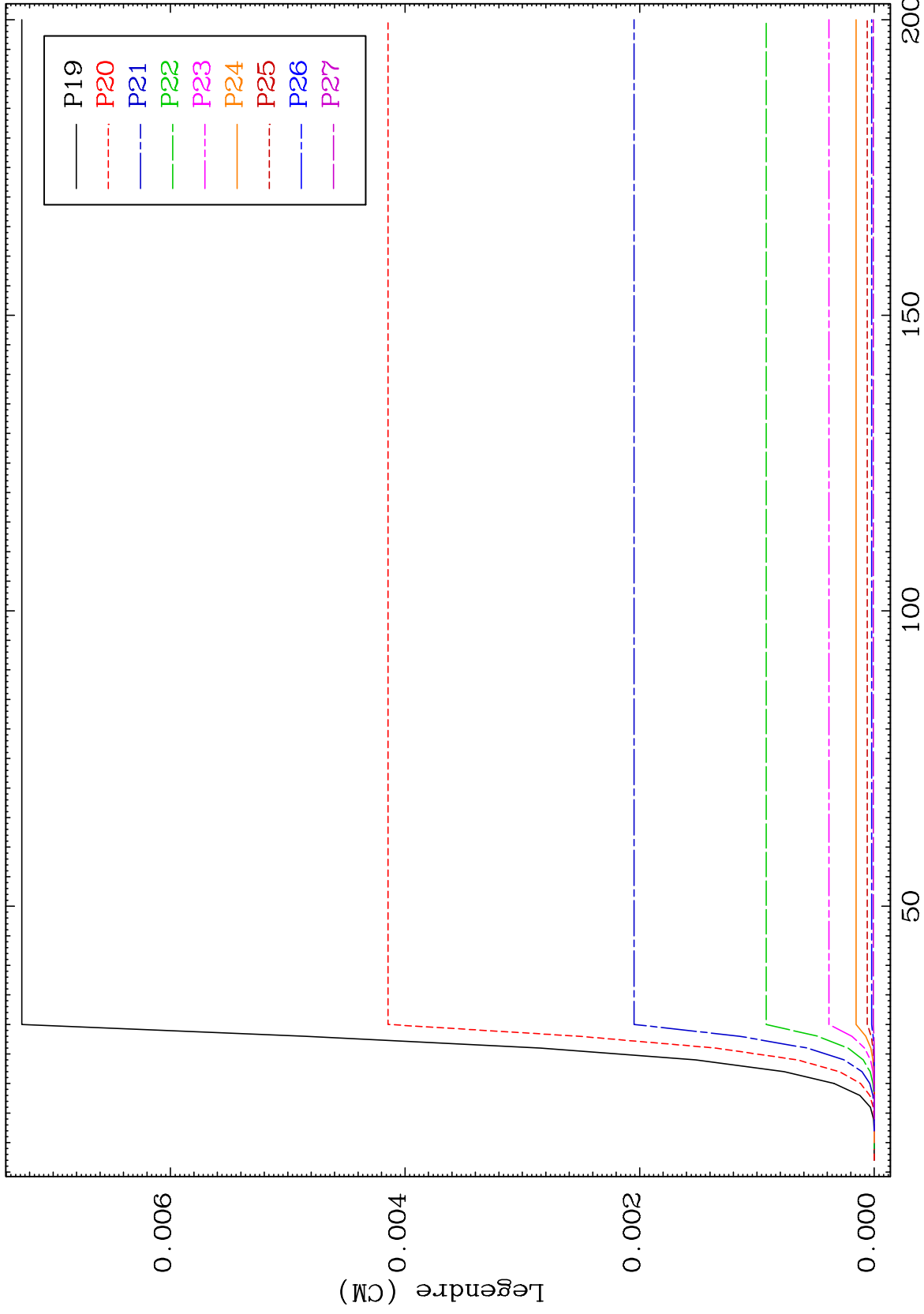
Incident Energy (MeV)

48-Cd-121

MAT 4870

936.5 keV (n,n') Level
Legendre Coefficients

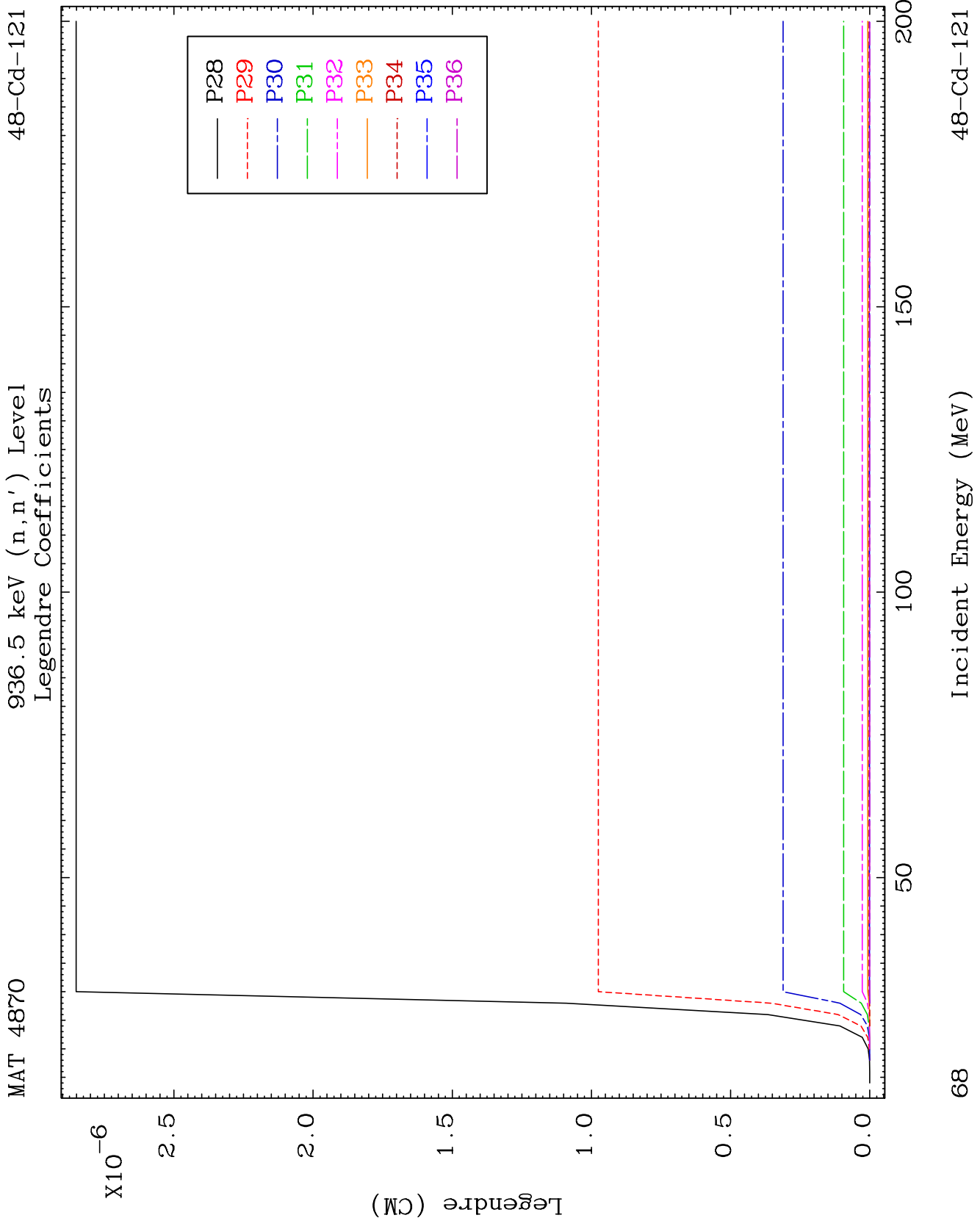
48-Cd-121



67

Incident Energy (MeV)

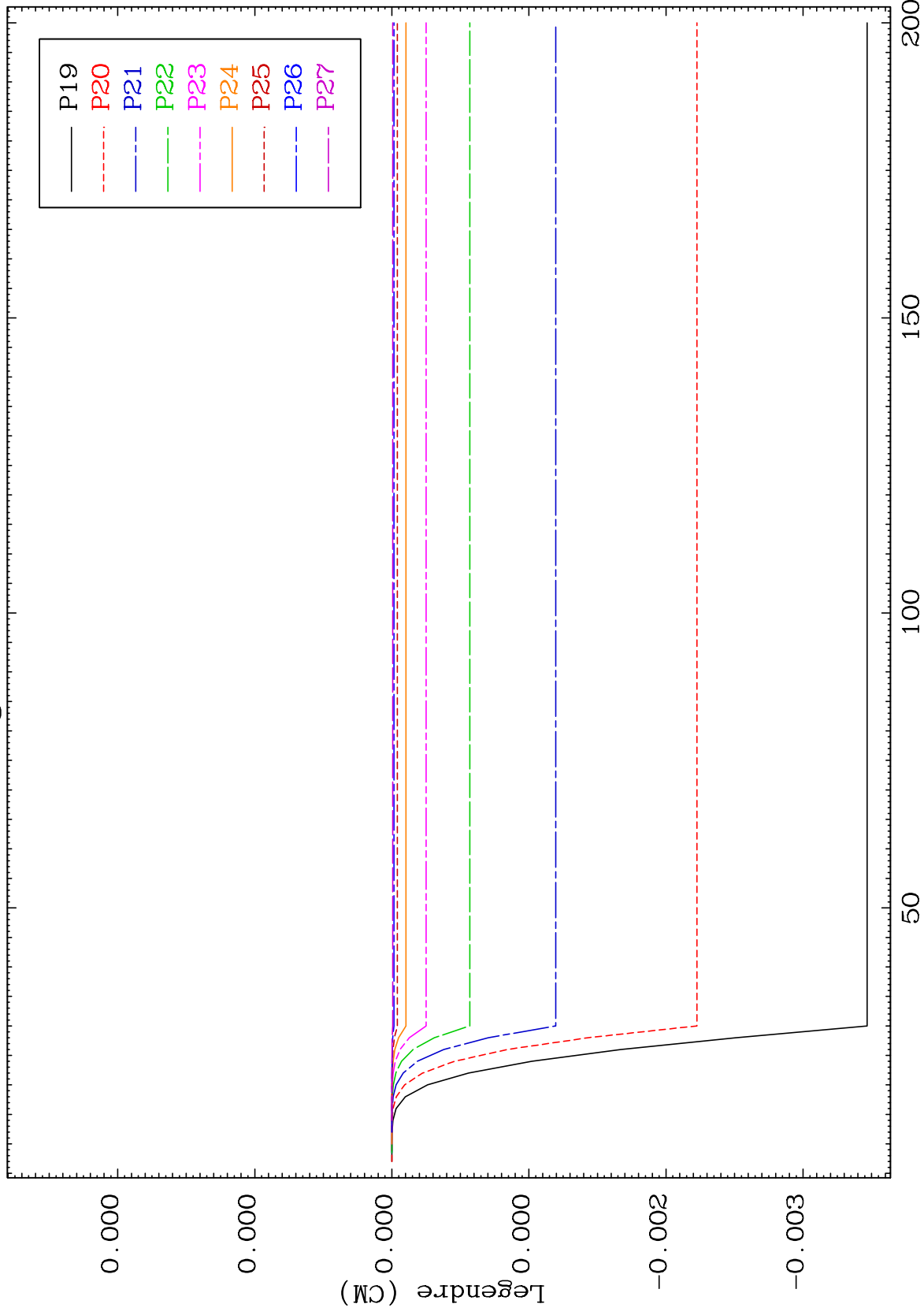
48-Cd-121



MAT 4870

989.5 keV (n,n') Level
Legendre Coefficients

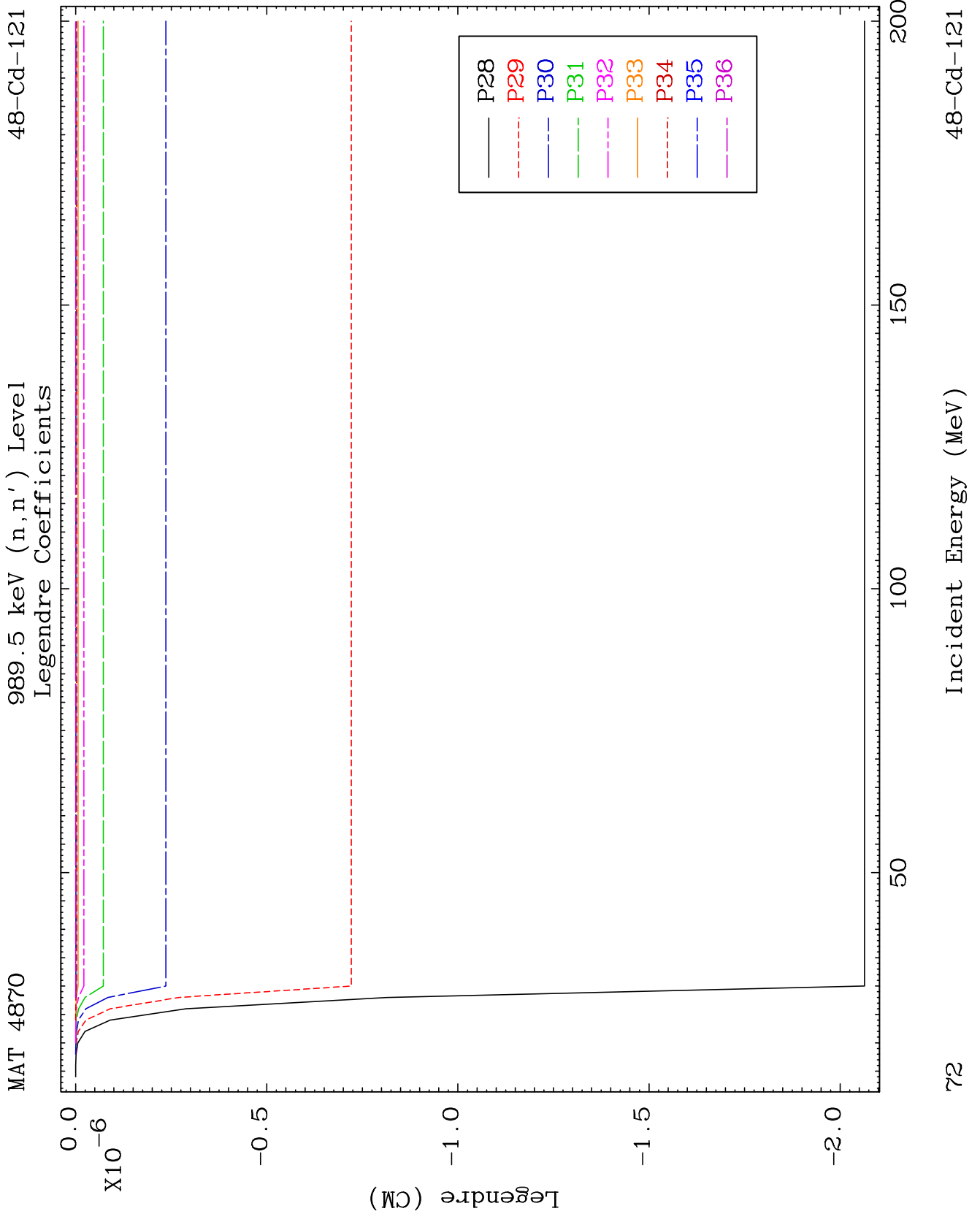
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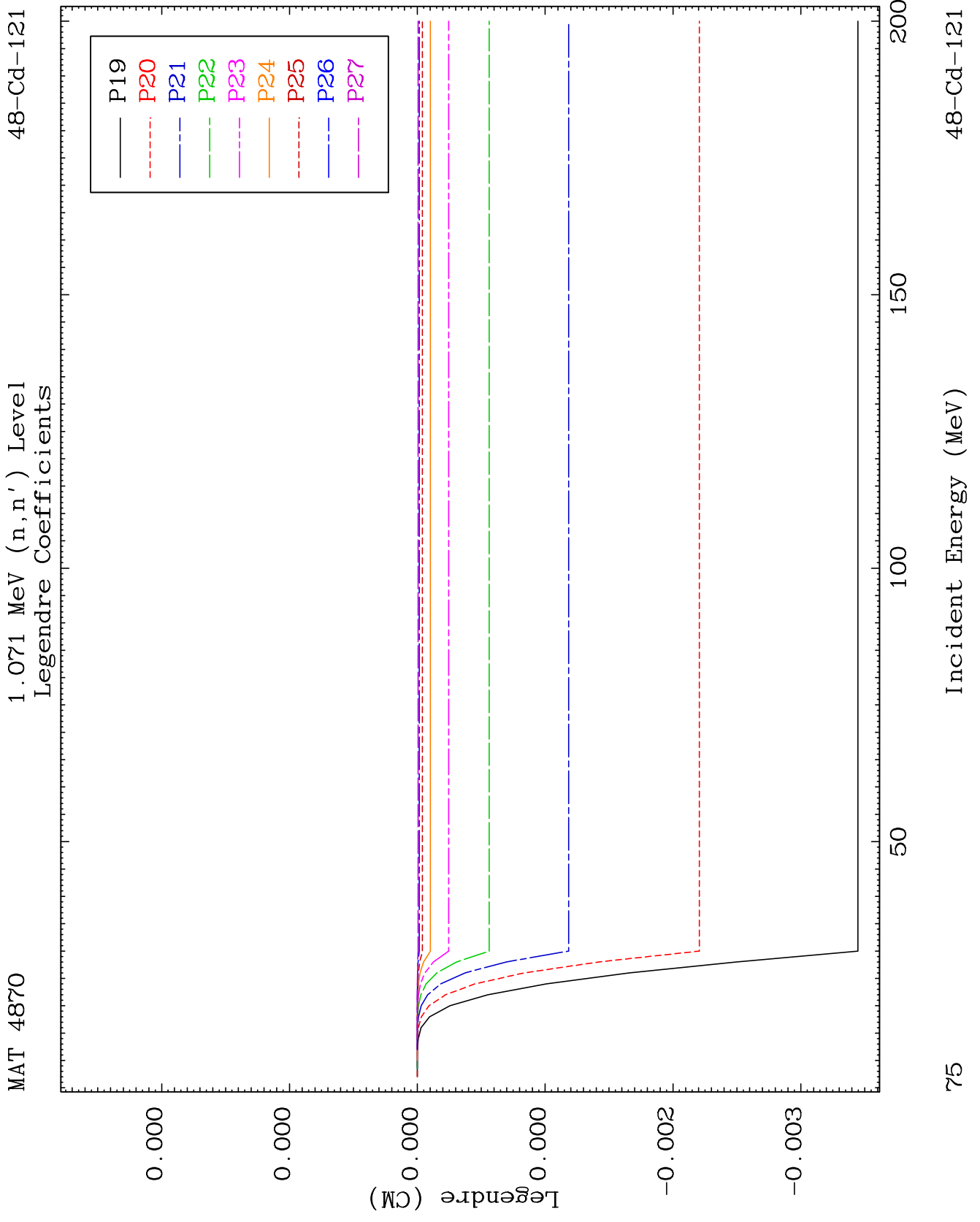


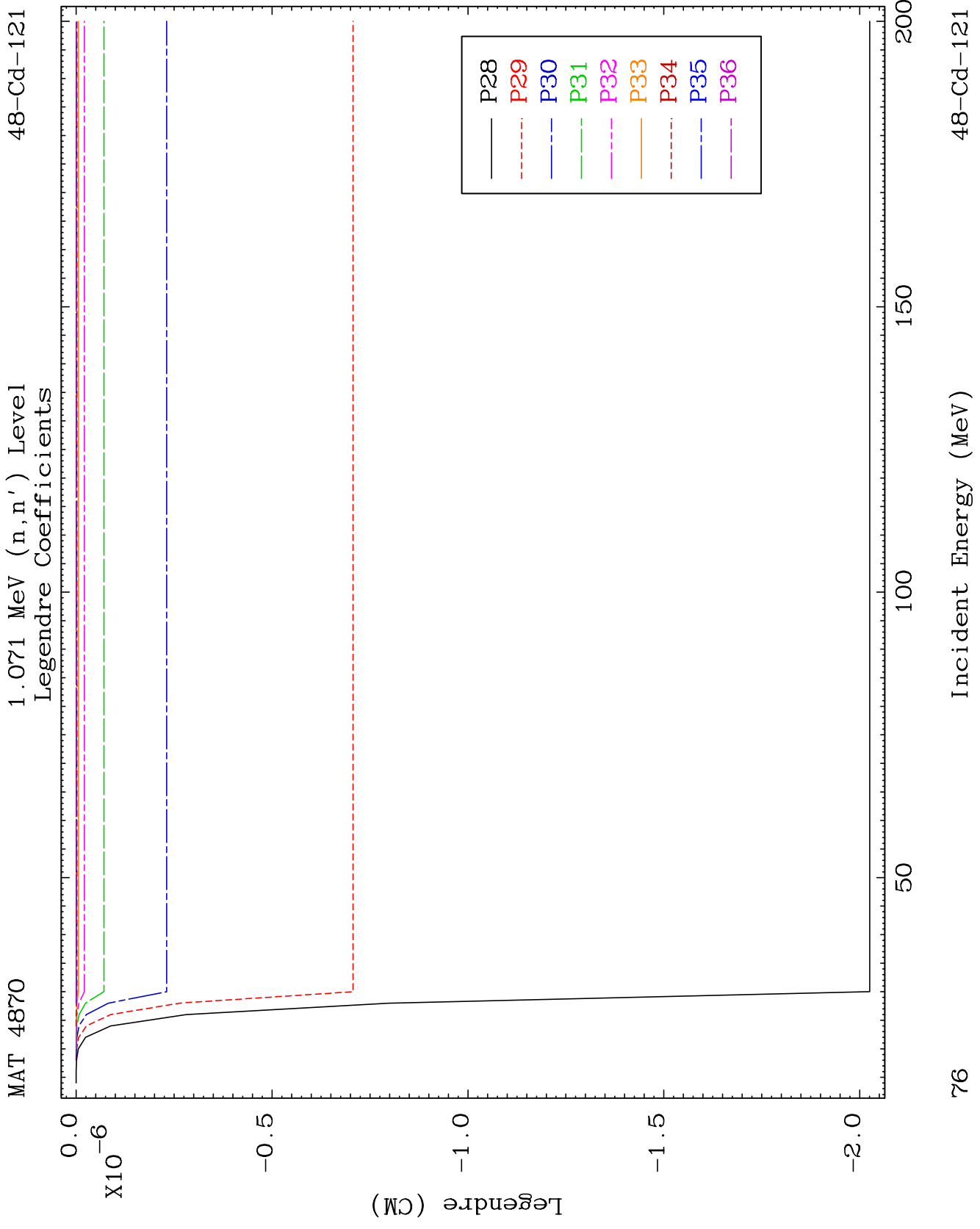
71

Incident Energy (MeV)

48-Cd-121



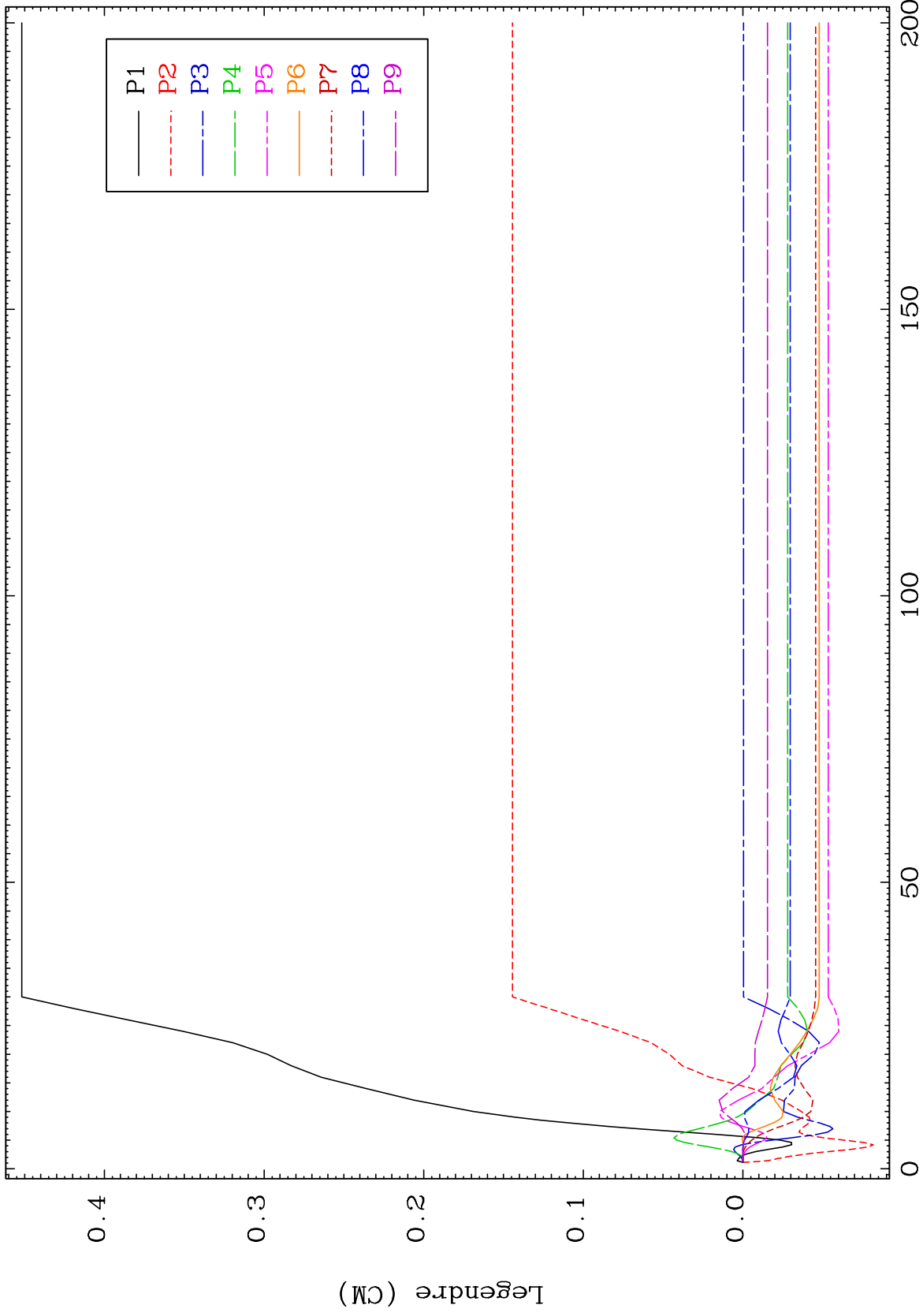




MAT 4870

1.096 MeV (n,n') Level
Legendre Coefficients

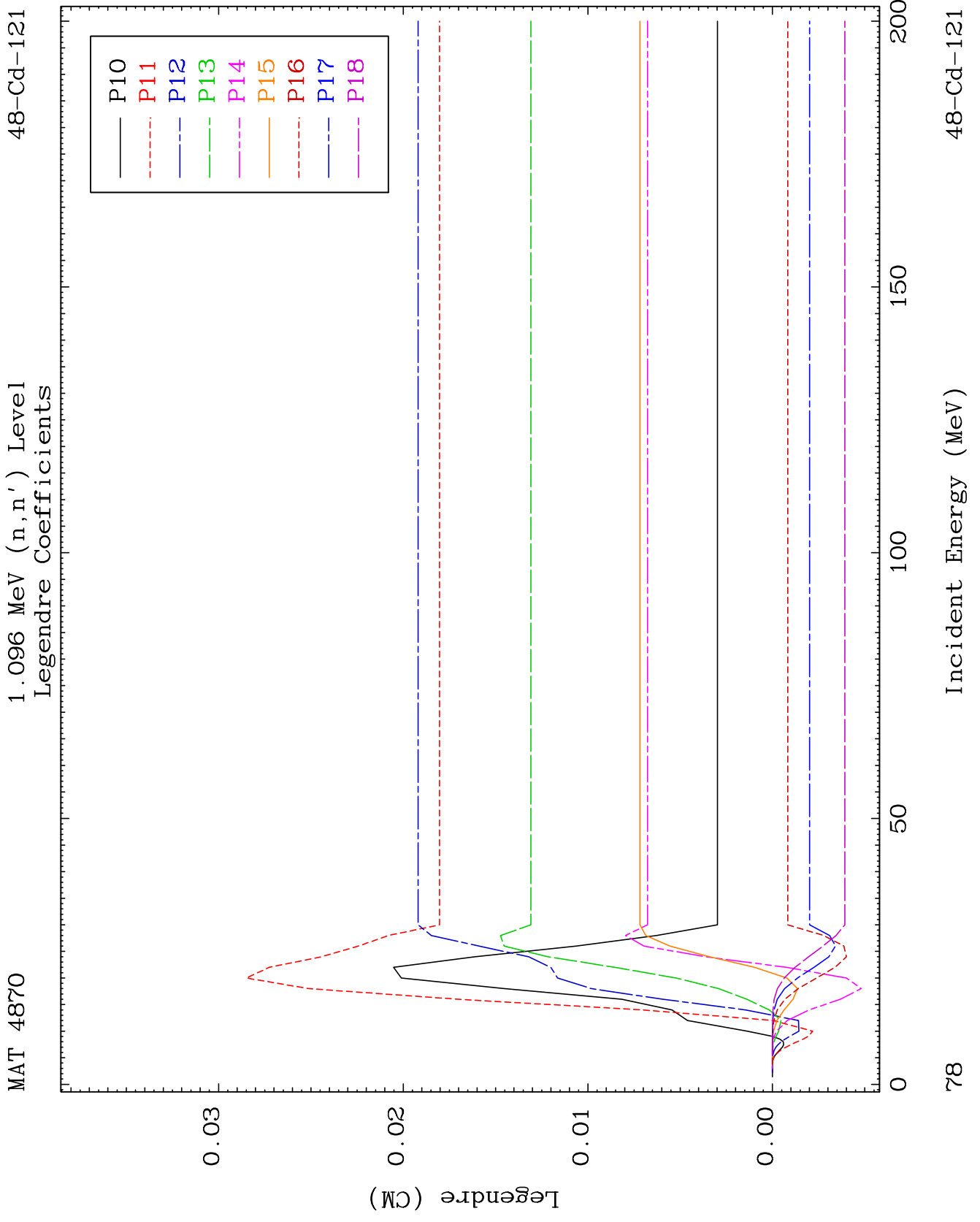
48-Cd-121

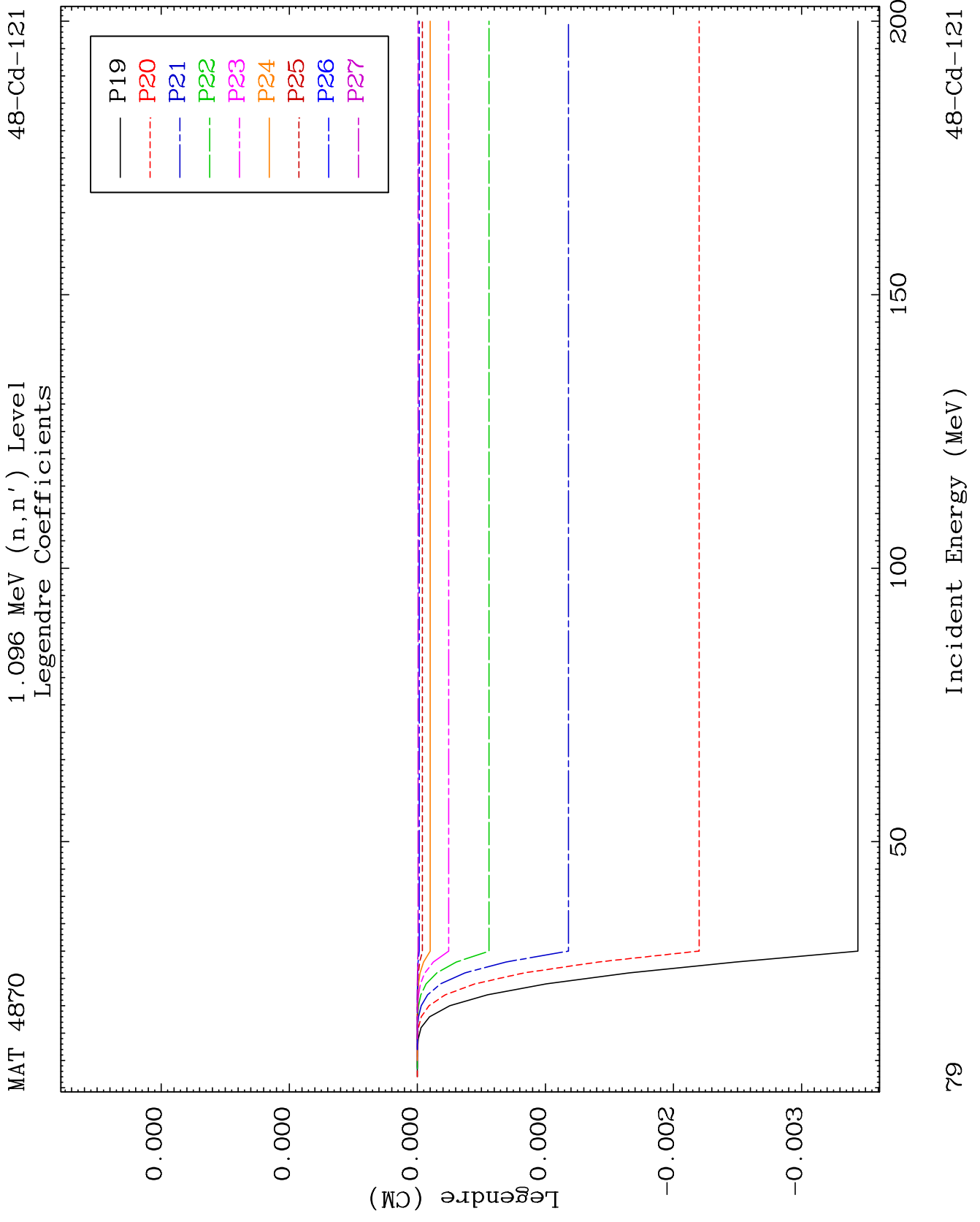


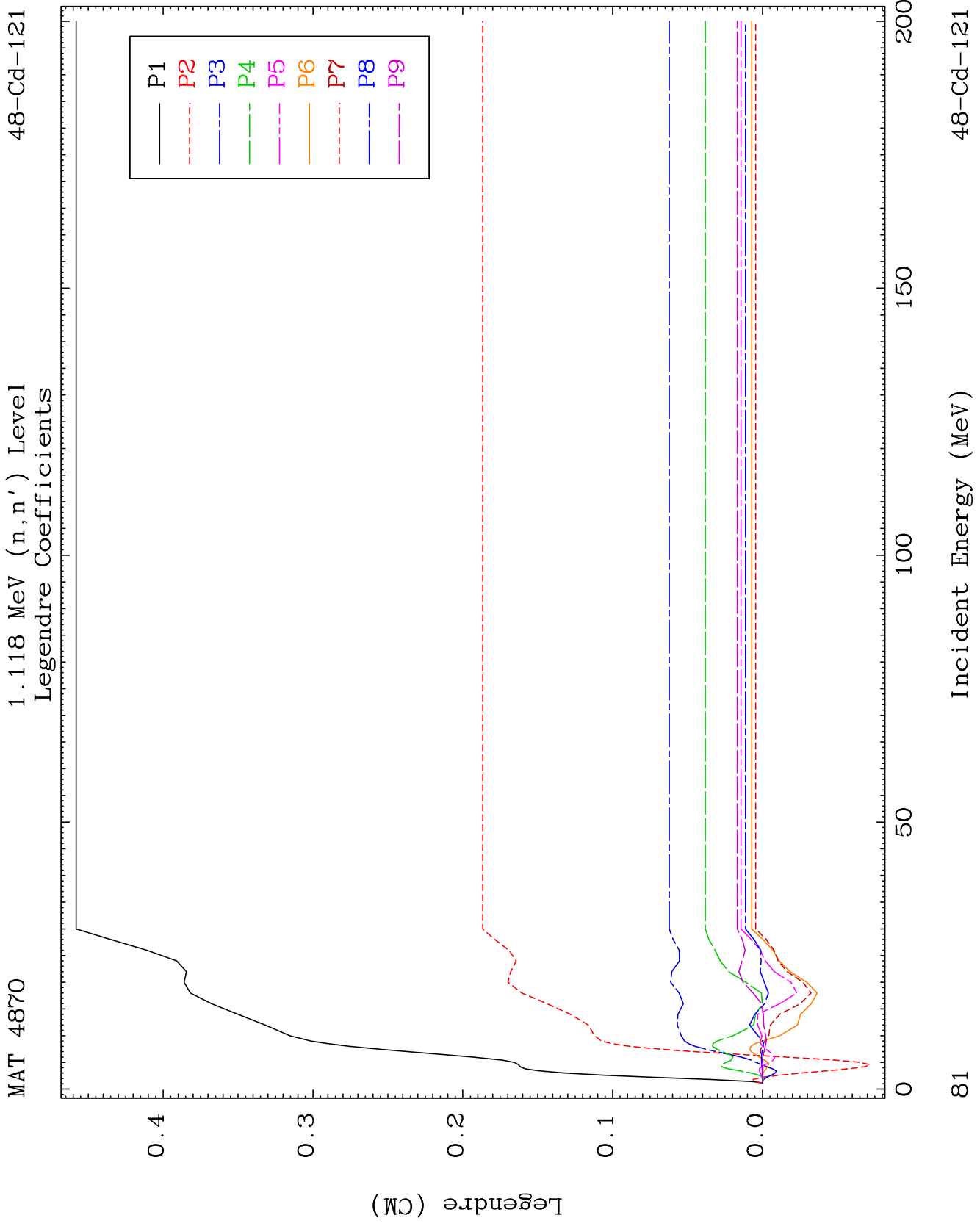
77

Incident Energy (MeV)

48-Cd-121



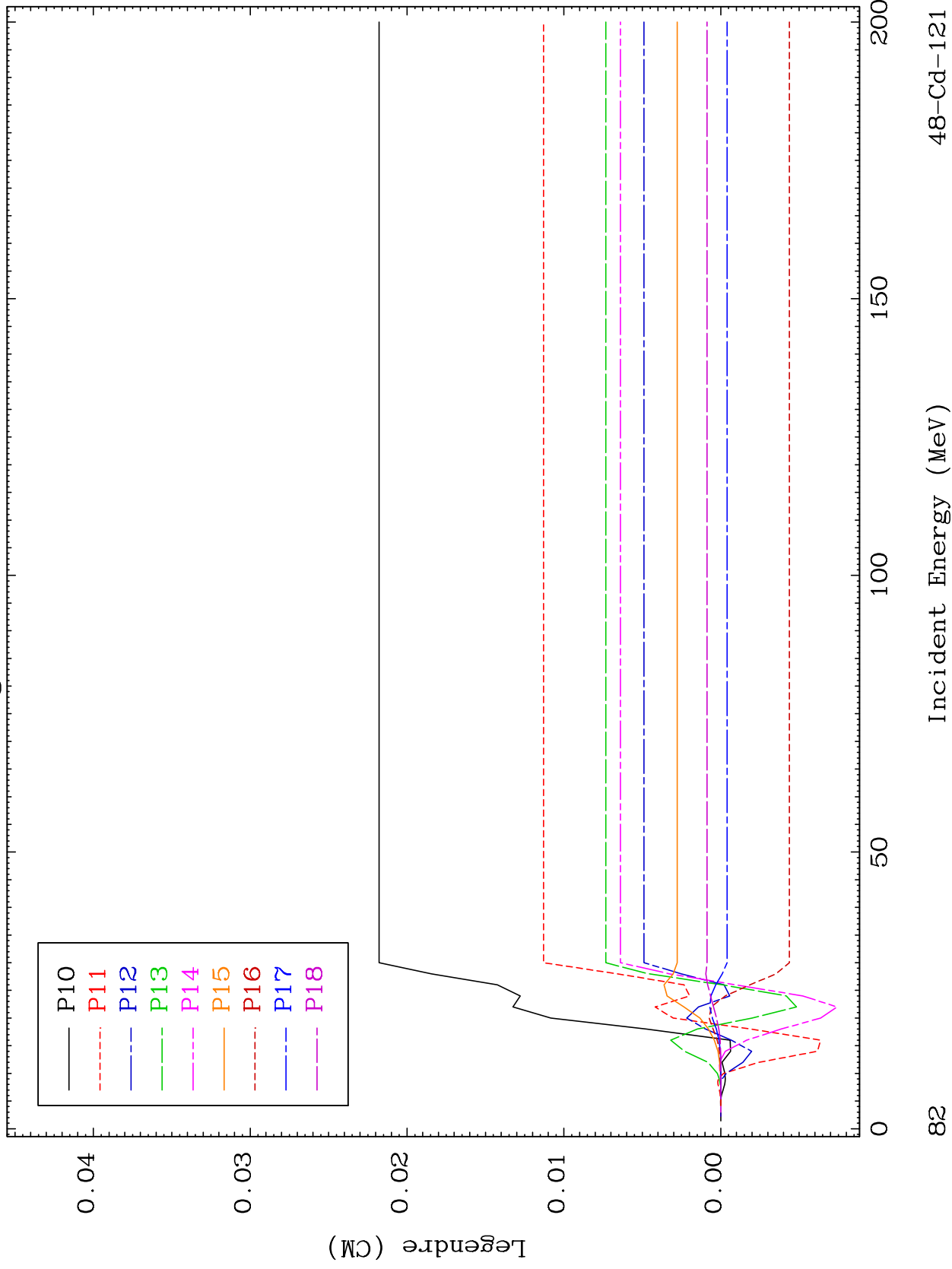




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1.118 MeV (n,n') Level
Legendre Coefficients

48-Cd-121



82

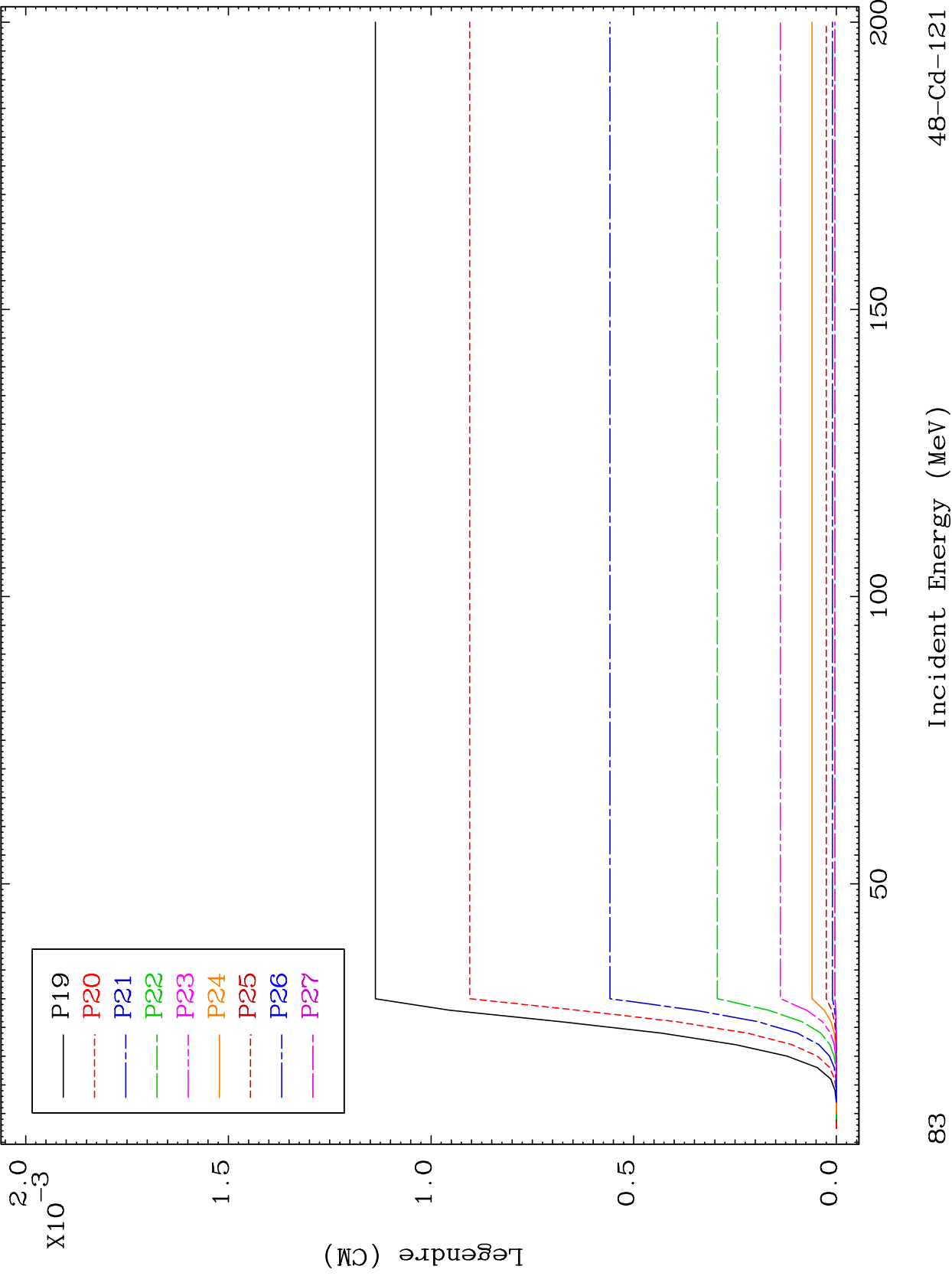
Incident Energy (MeV)

48-Cd-121

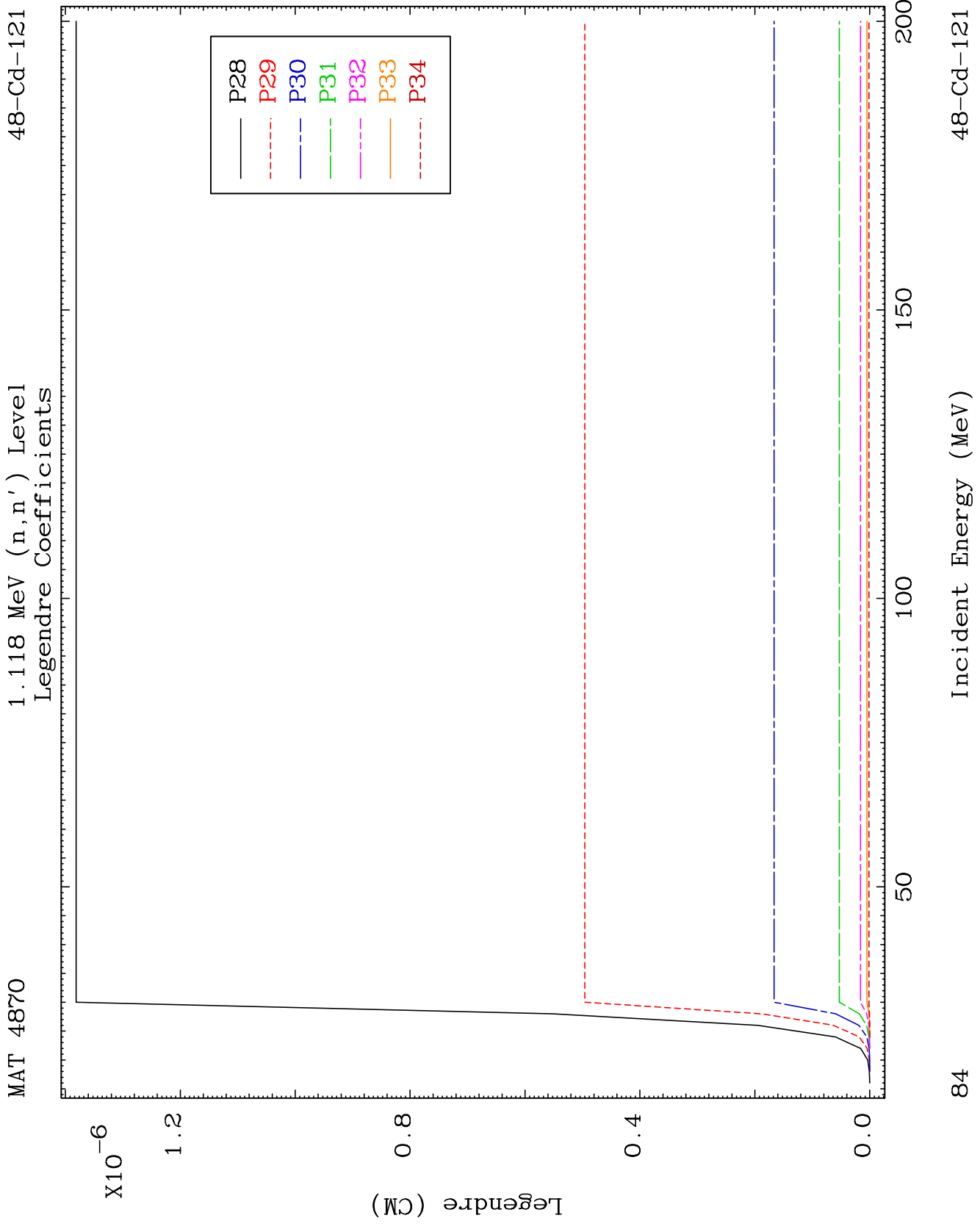
MAT 4870

1.118 MeV (n, n') Level
Legendre Coefficients

48-Cd-121



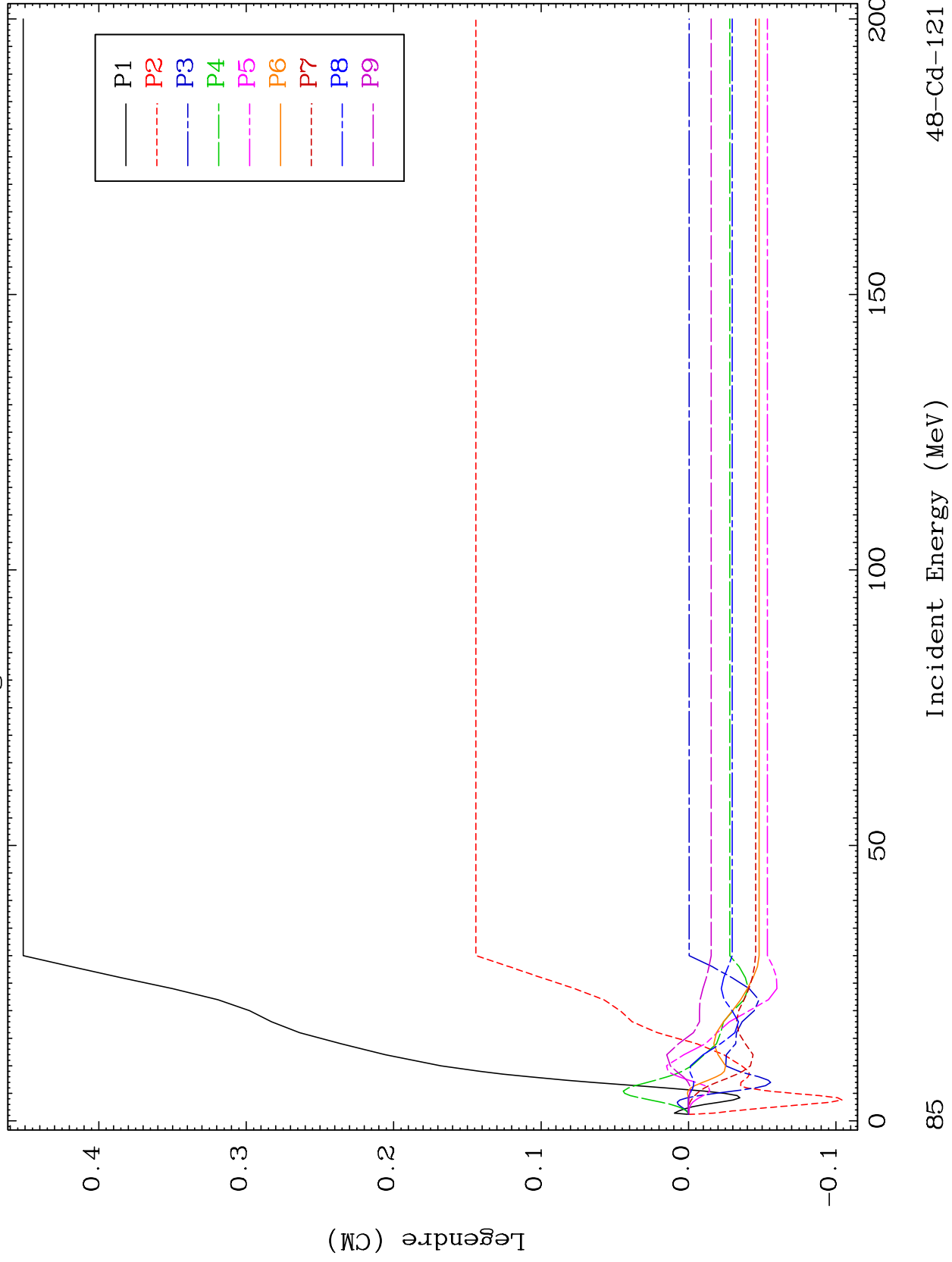
83



MAT 4870

1.171 MeV (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

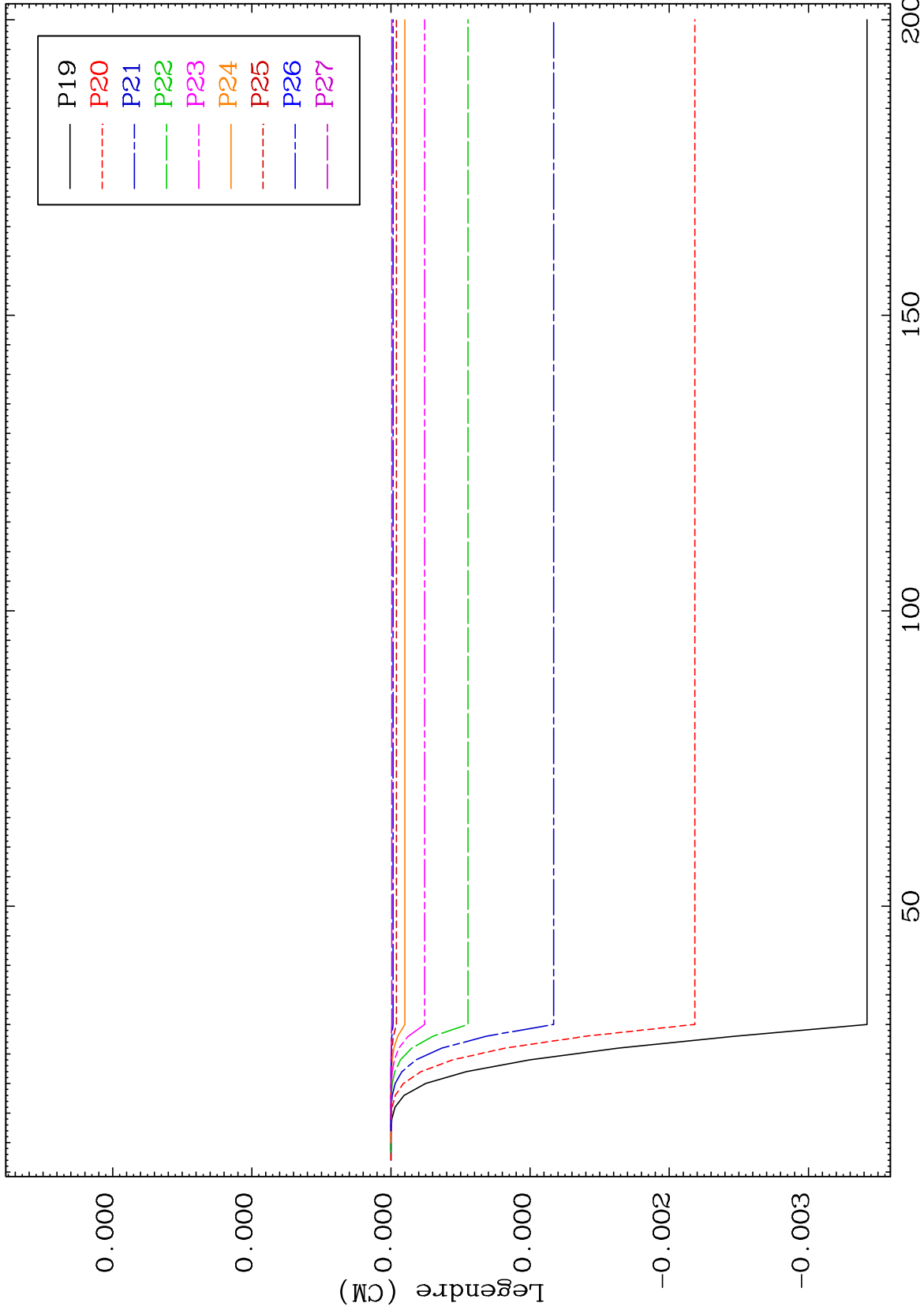
Incident Energy (MeV)

85

MAT 4870

1.171 MeV (n,n') Level
Legendre Coefficients

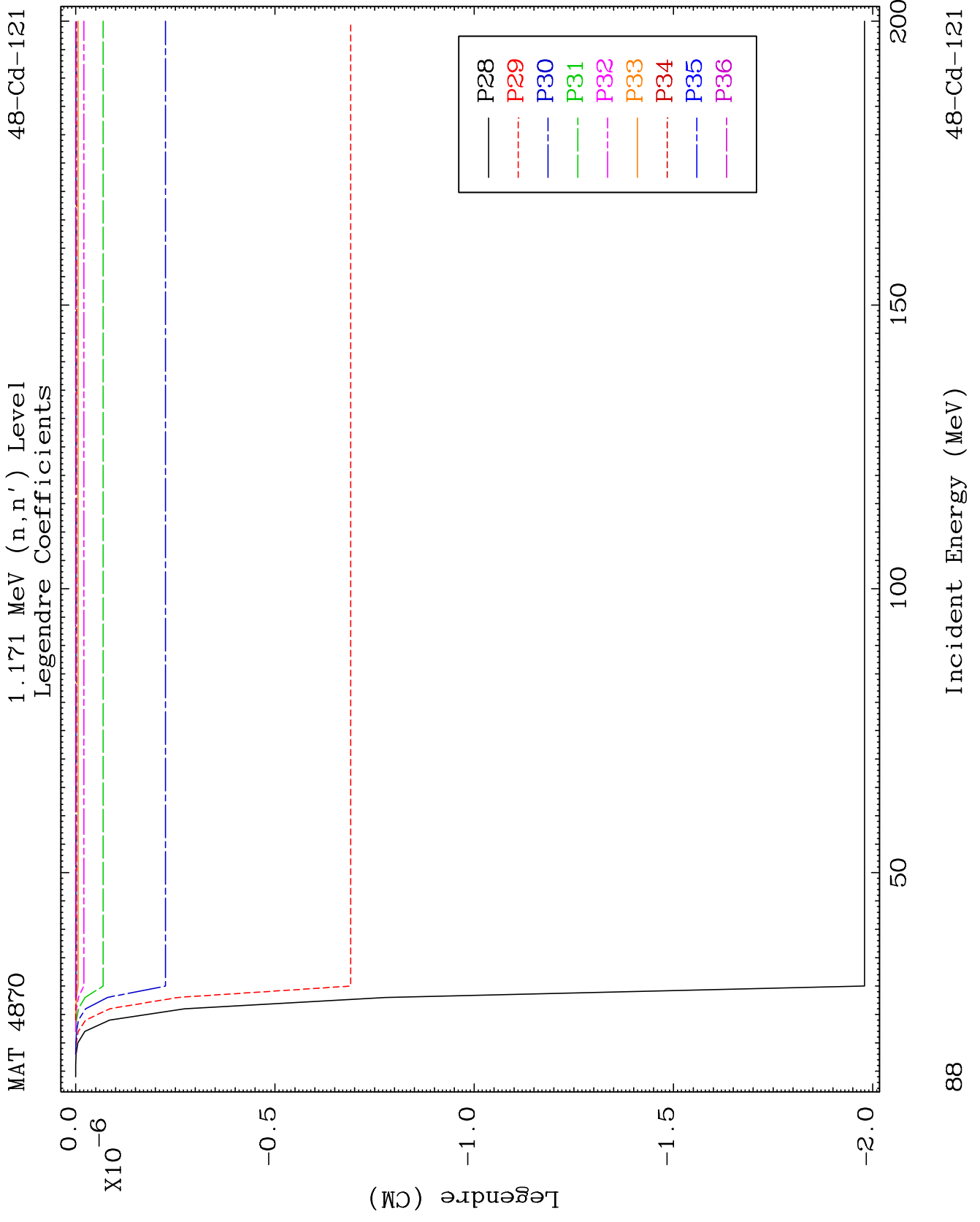
48-Cd-121

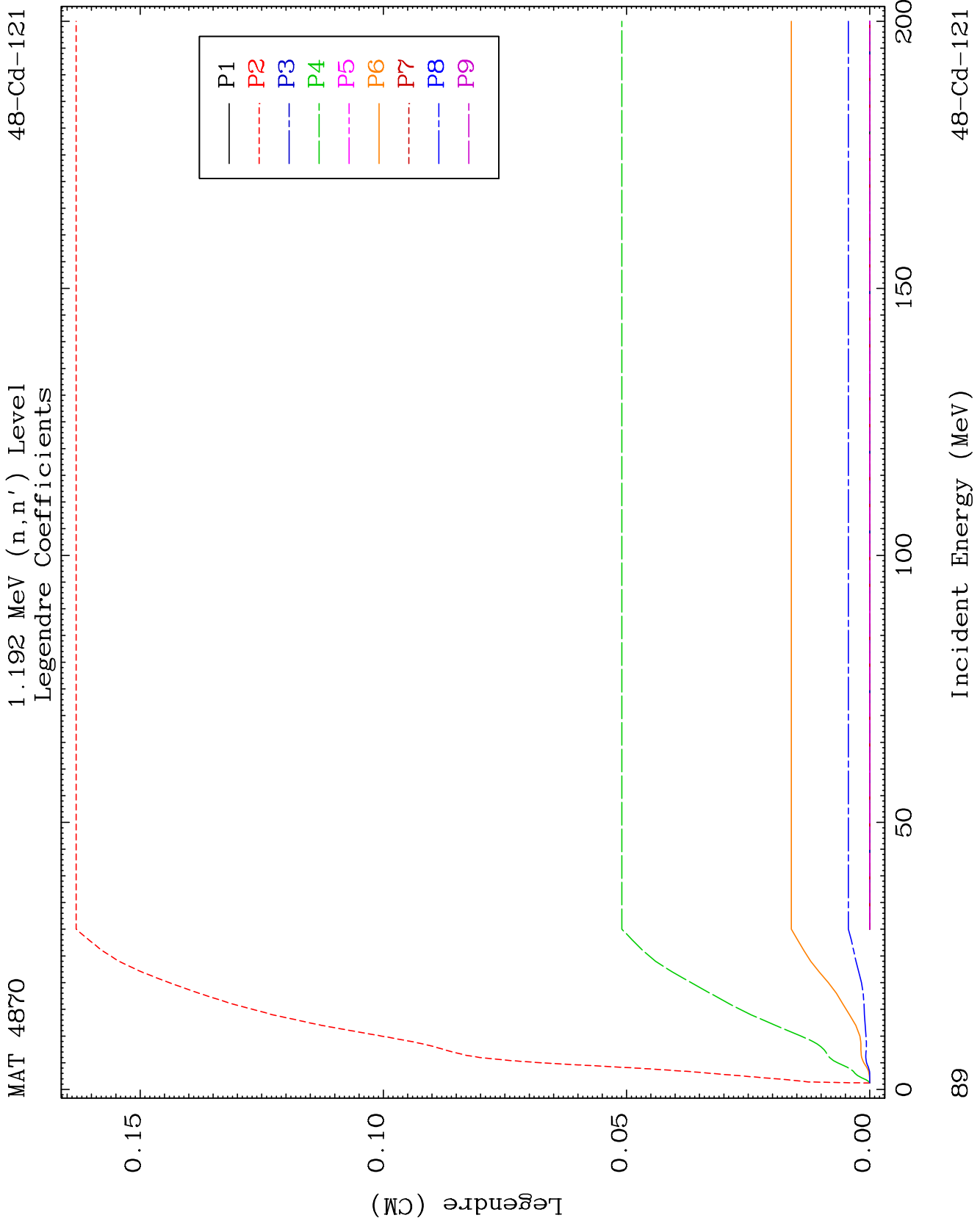


87

Incident Energy (MeV)

48-Cd-121

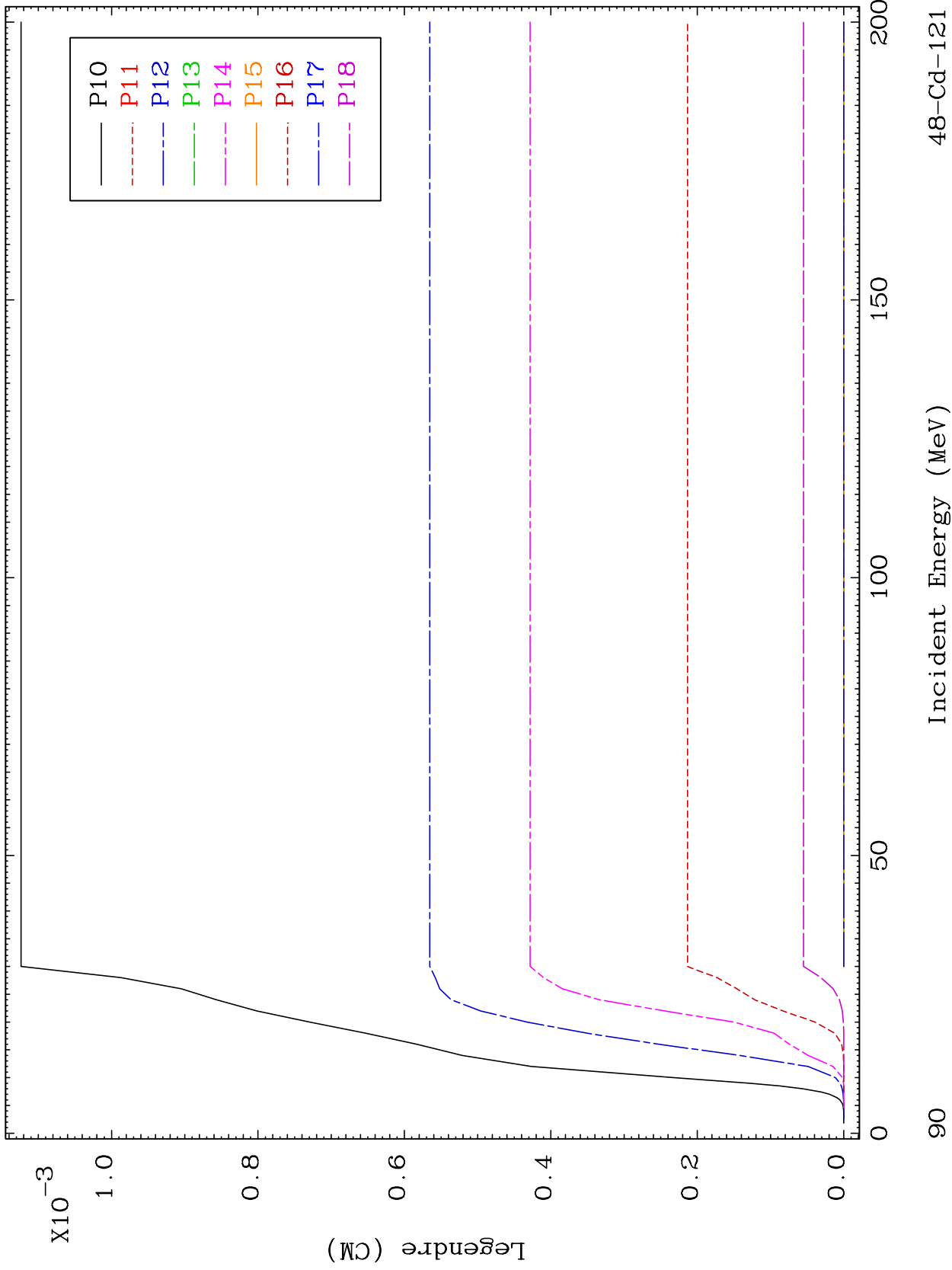




MAT 4870

1.192 MeV (n,n') Level
Legendre Coefficients

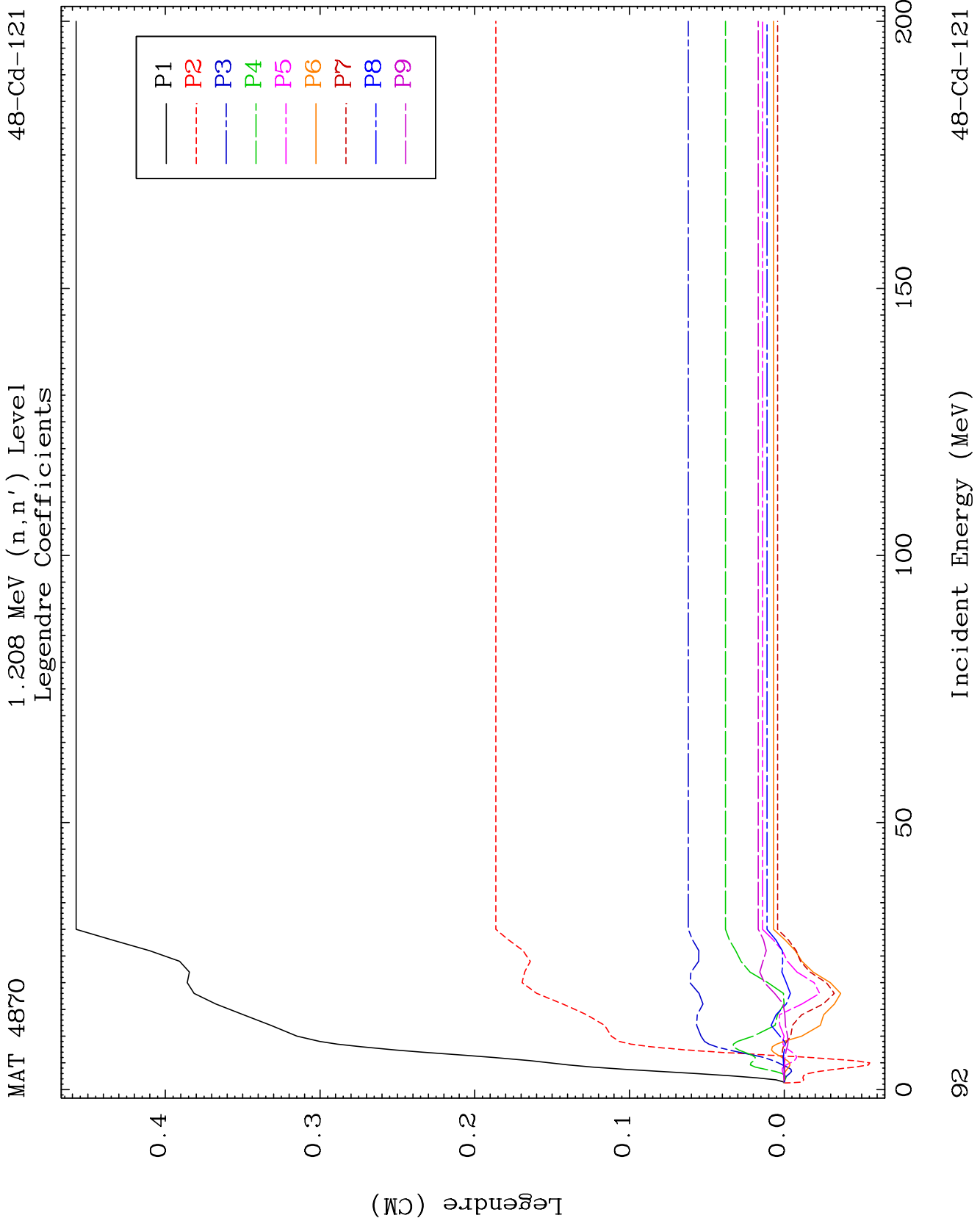
48-Cd-121



90

Incident Energy (MeV)

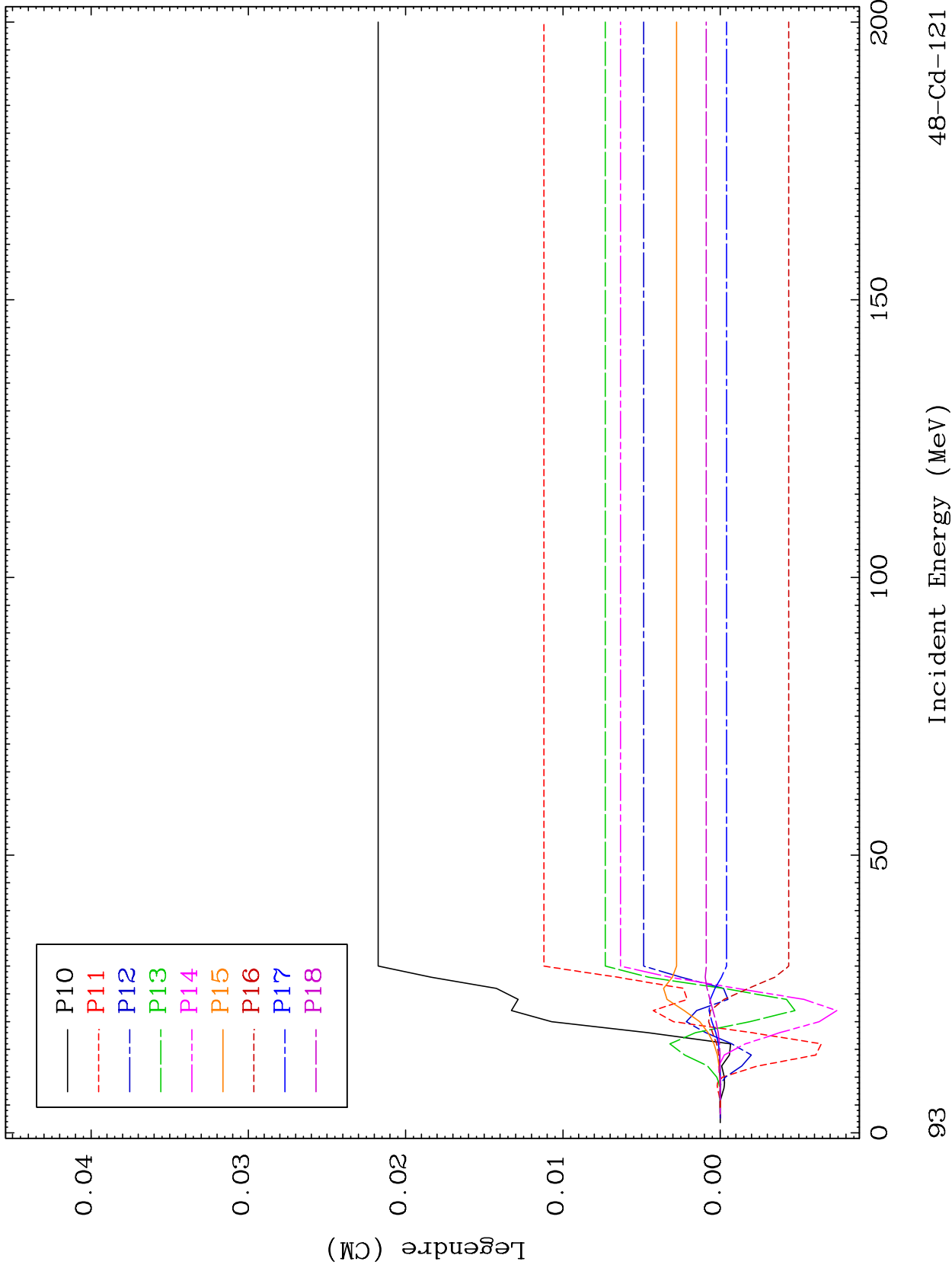
48-Cd-121



MAT 4870

1.208 MeV (n,n') Level
Legendre Coefficients

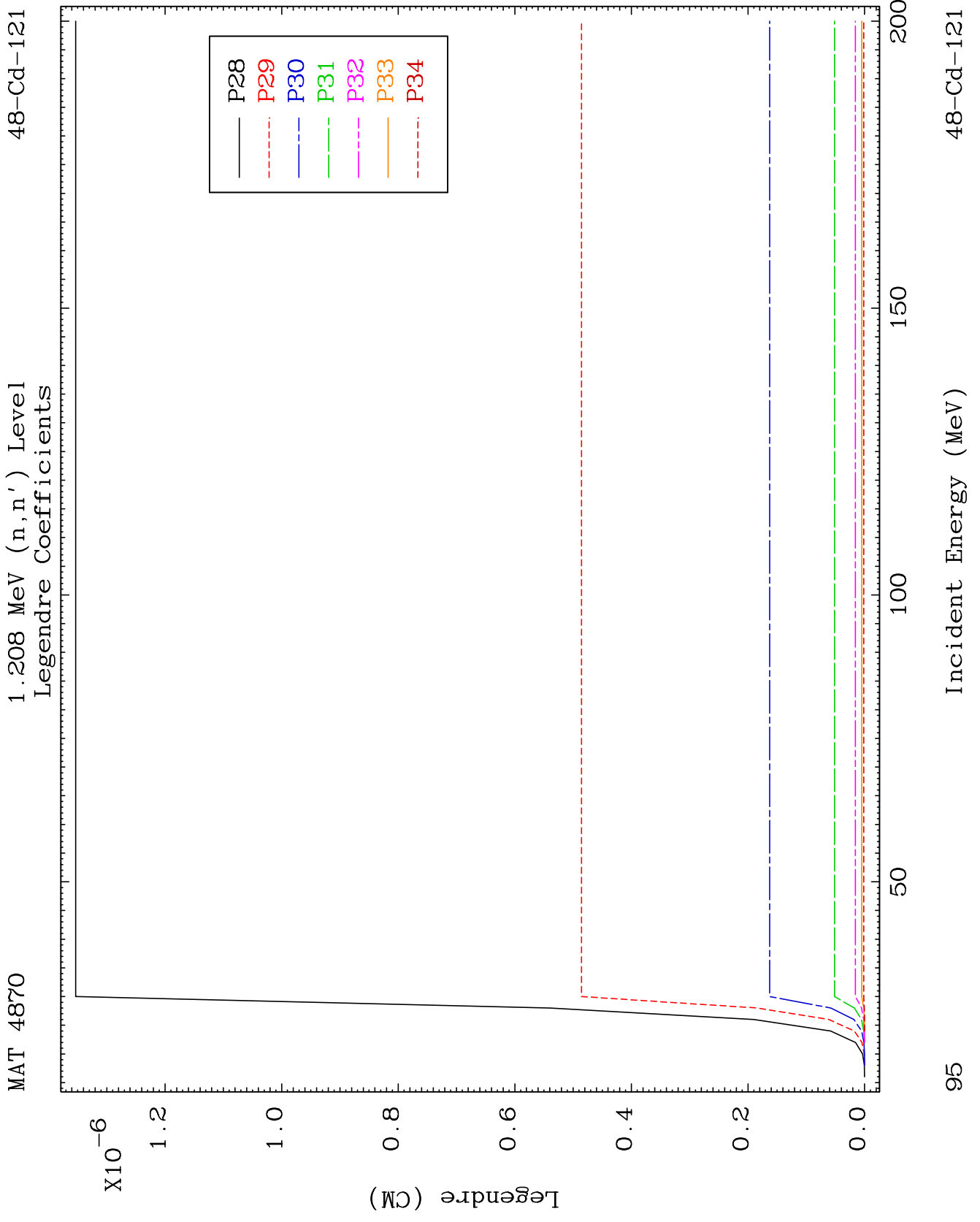
48-Cd-121

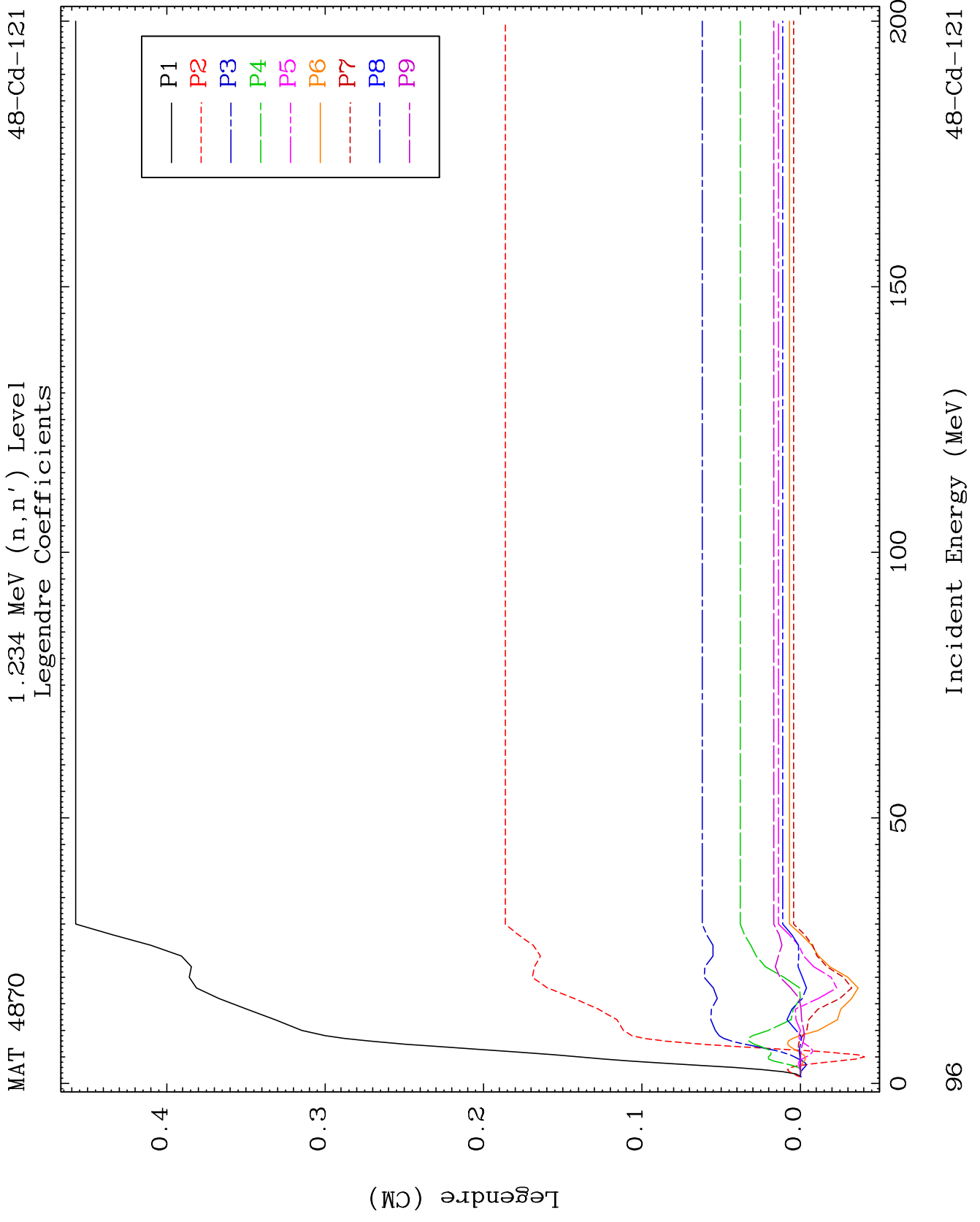


93

Incident Energy (MeV)

48-Cd-121

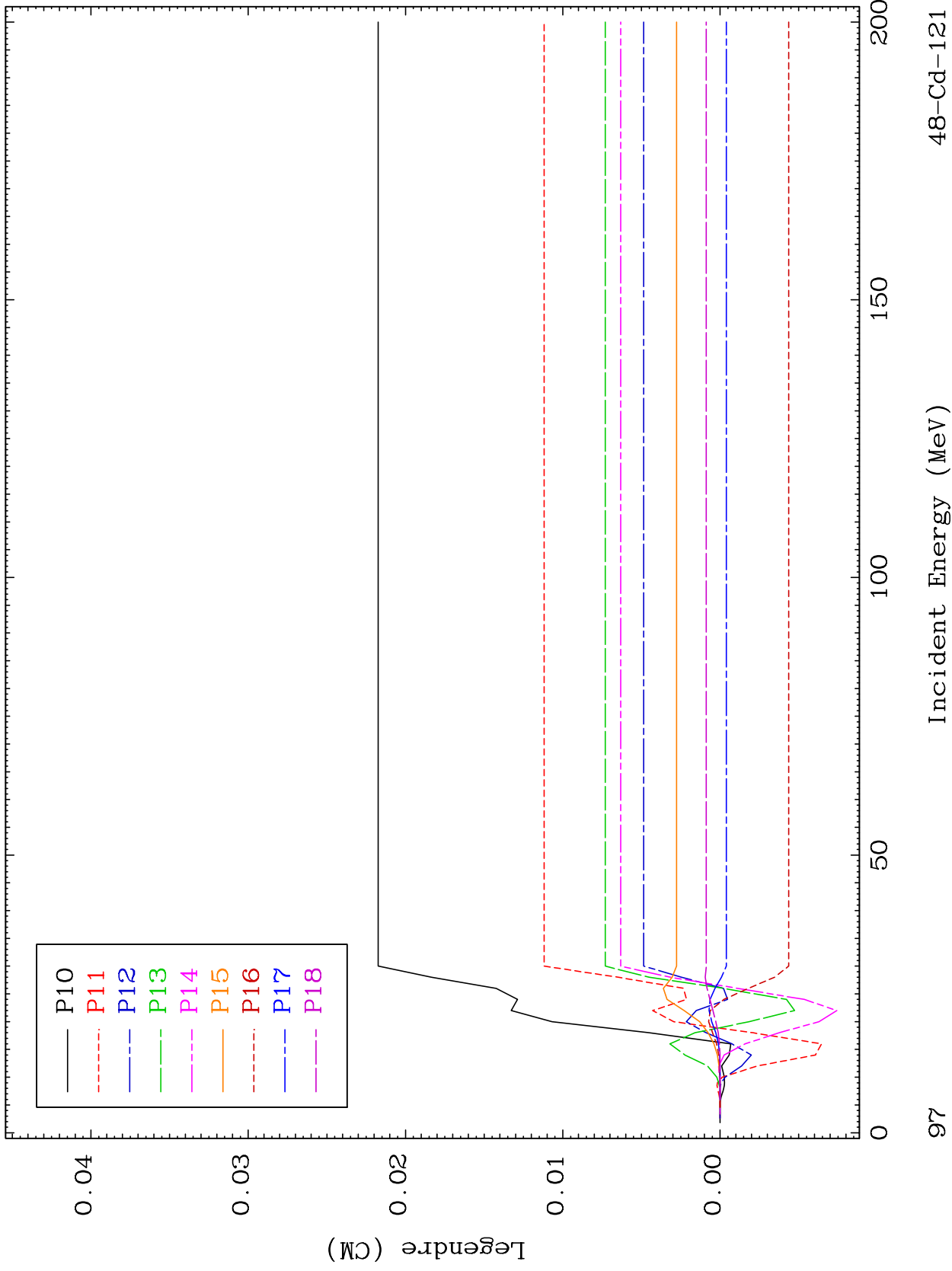




MAT 4870

1.234 MeV (n,n') Level
Legendre Coefficients

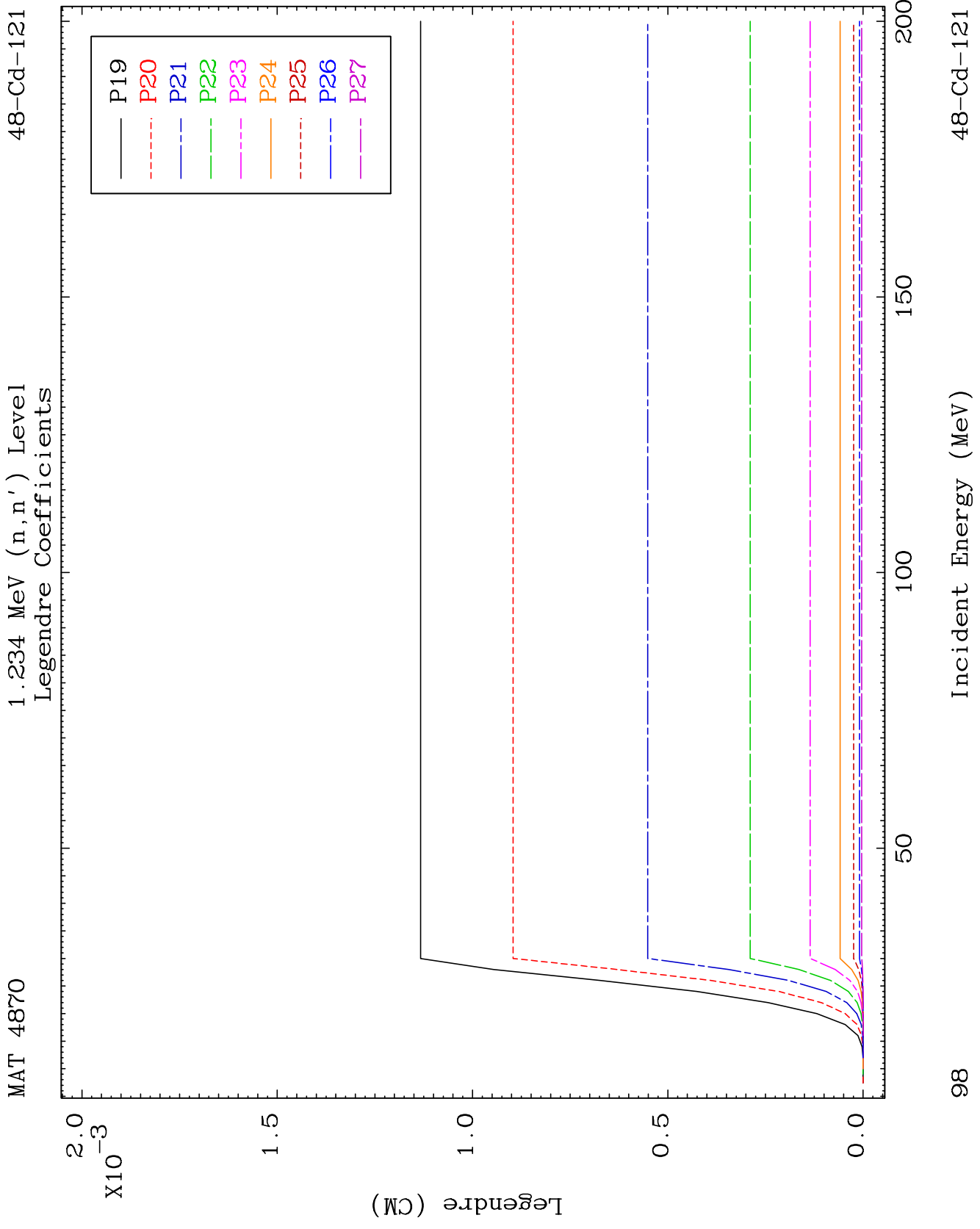
48-Cd-121

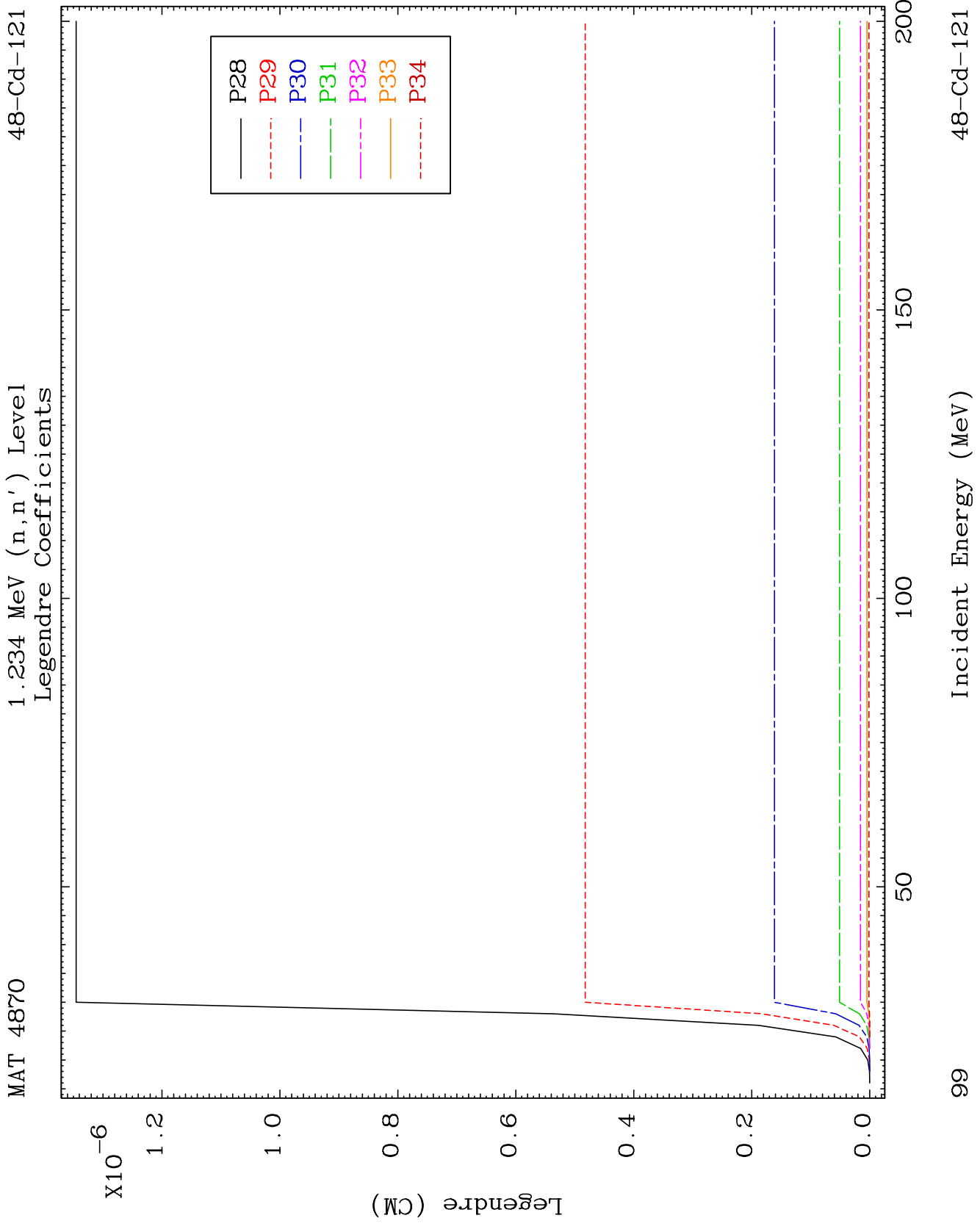


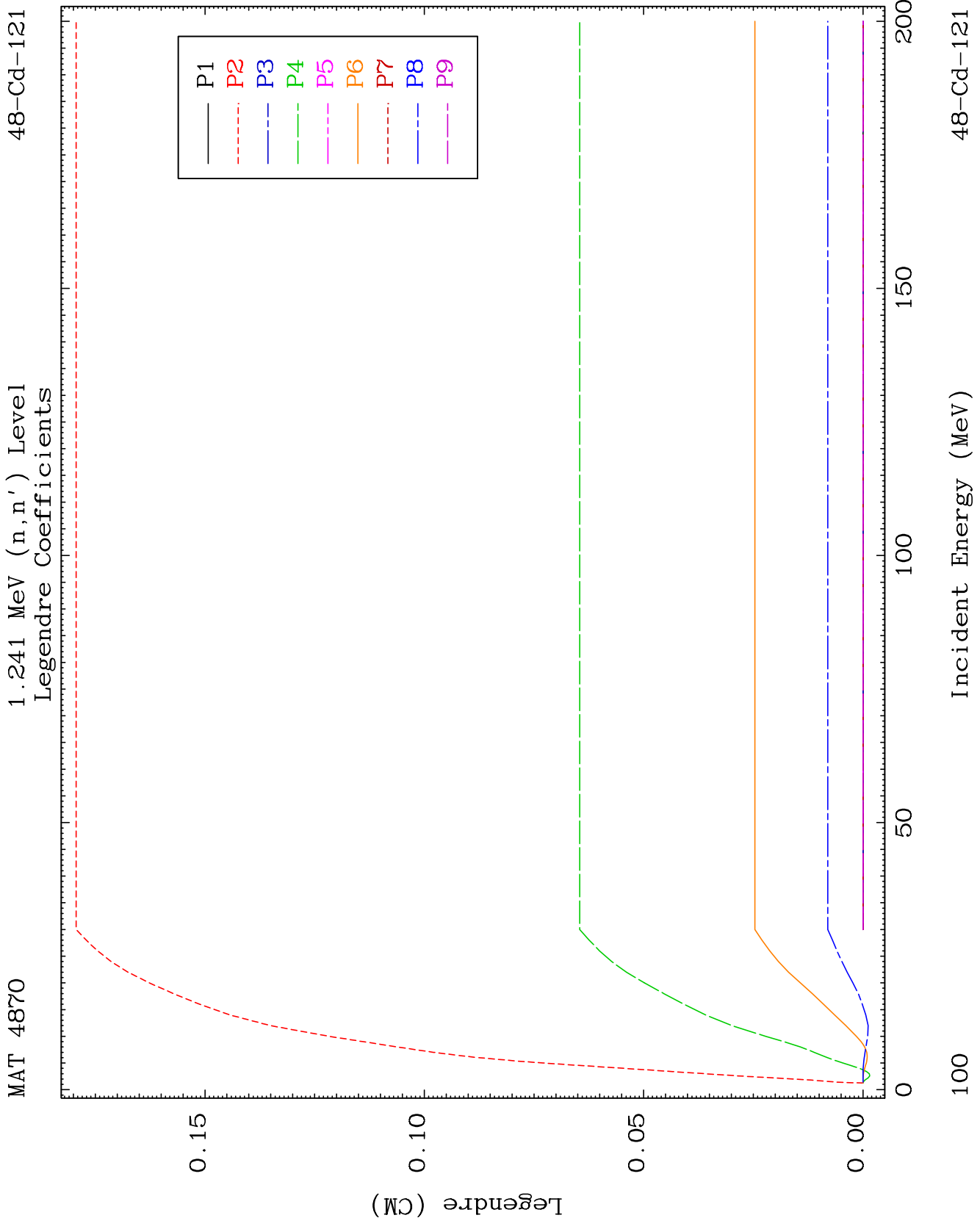
97

Incident Energy (MeV)

48-Cd-121



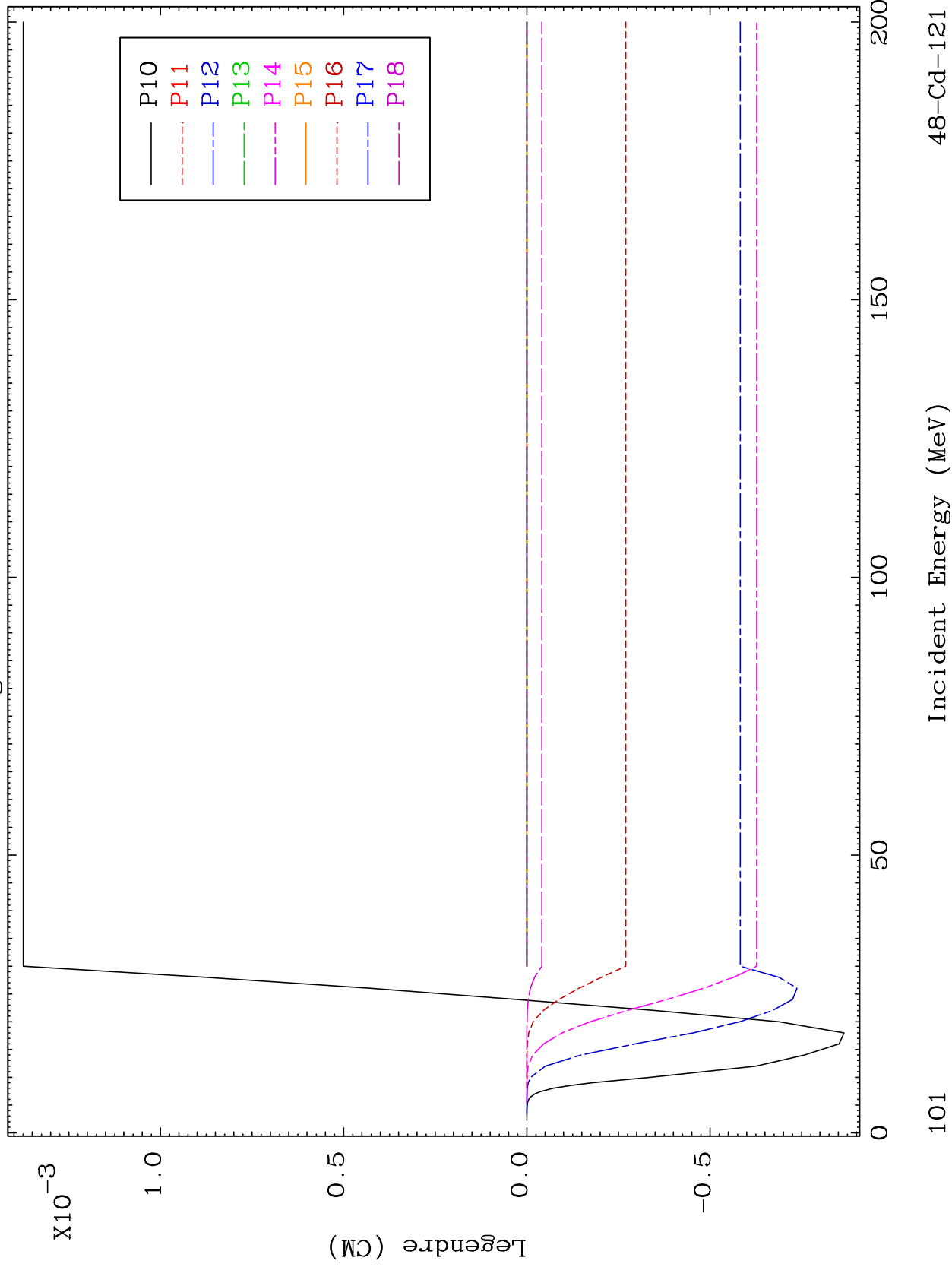




MAT 4870

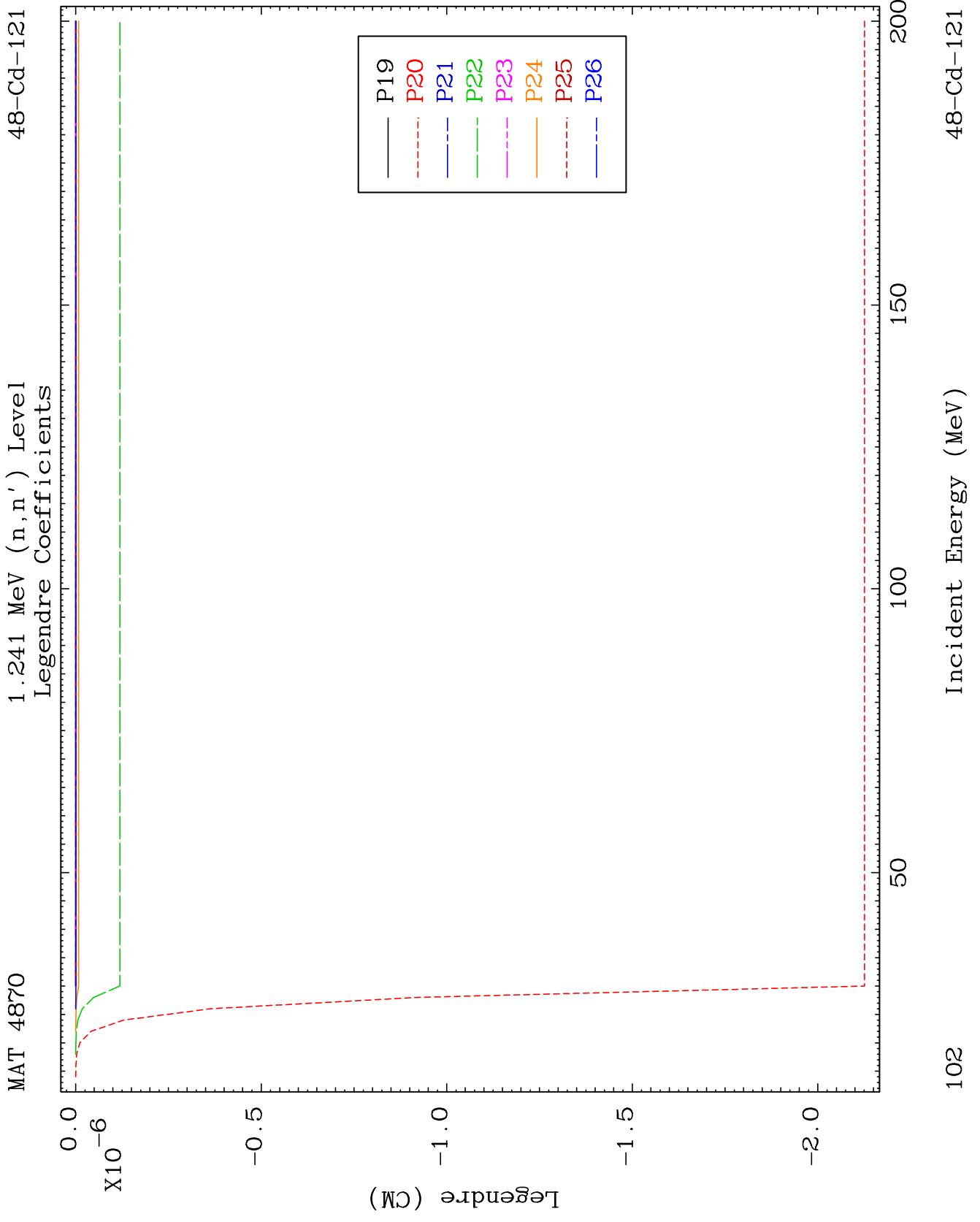
1.241 MeV (n,n') Level
Legendre Coefficients

48-Cd-121



101

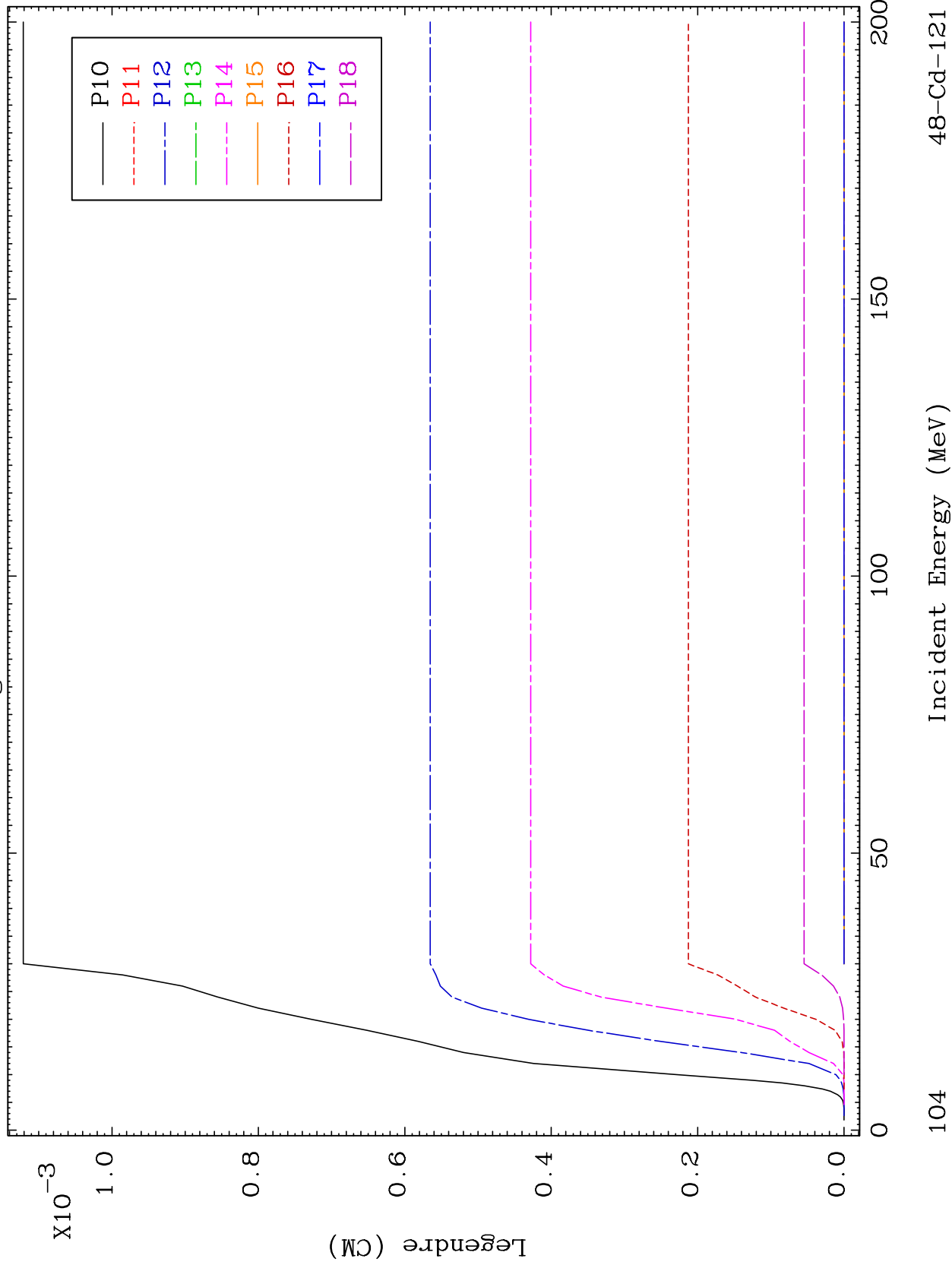
48-Cd-121



MAT 4870

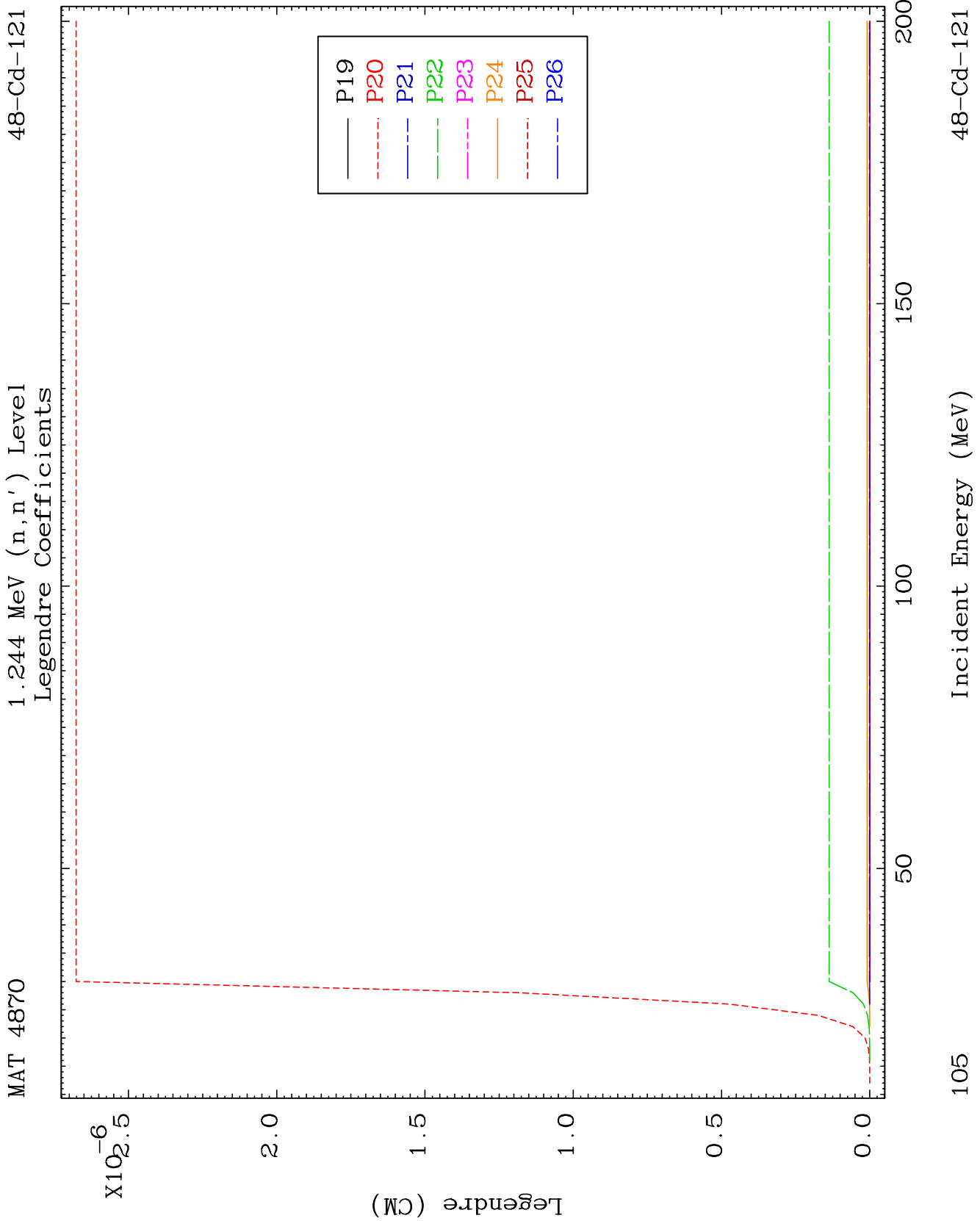
1.244 MeV (n,n') Level
Legendre Coefficients

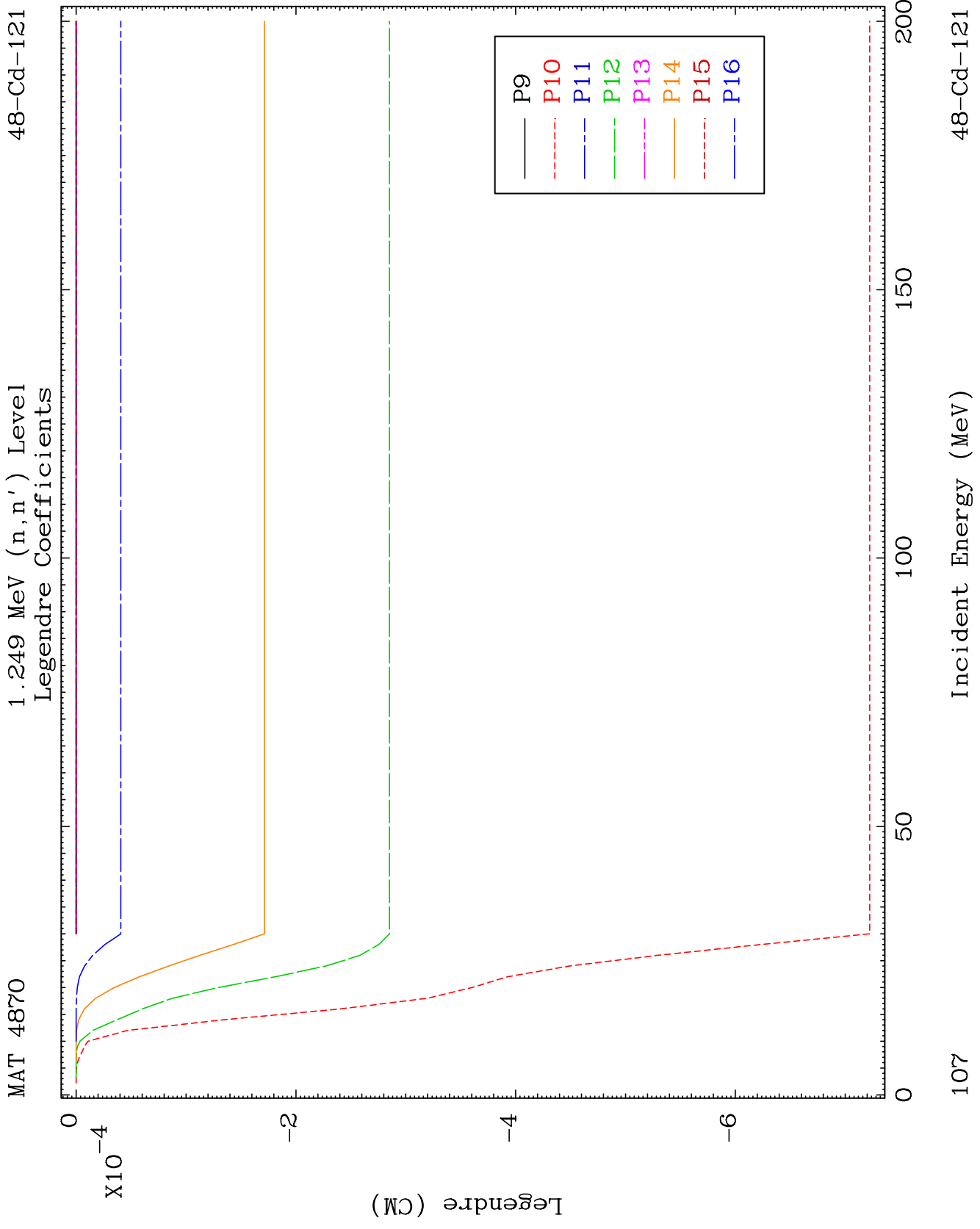
48-Cd-121

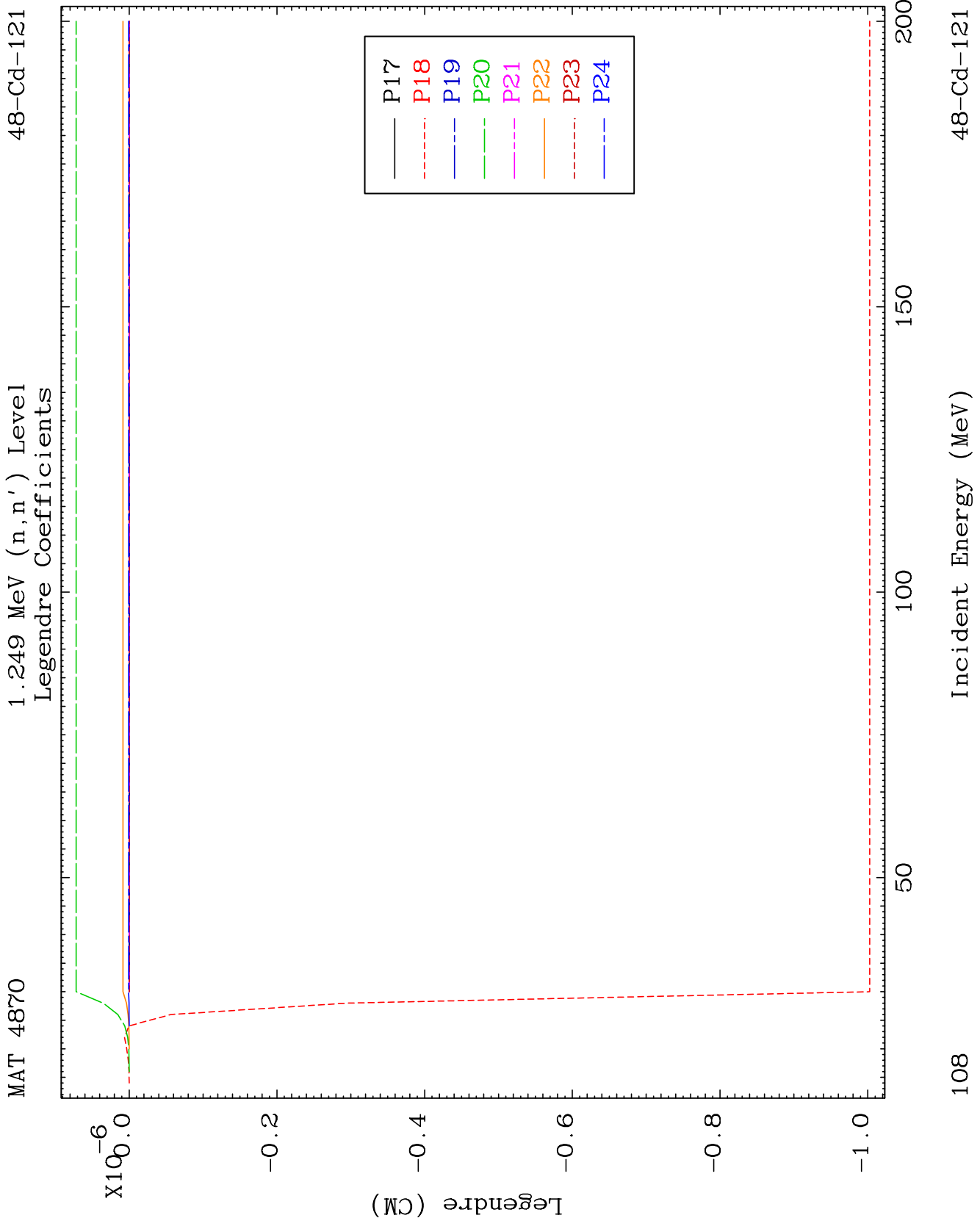


104

48-Cd-121



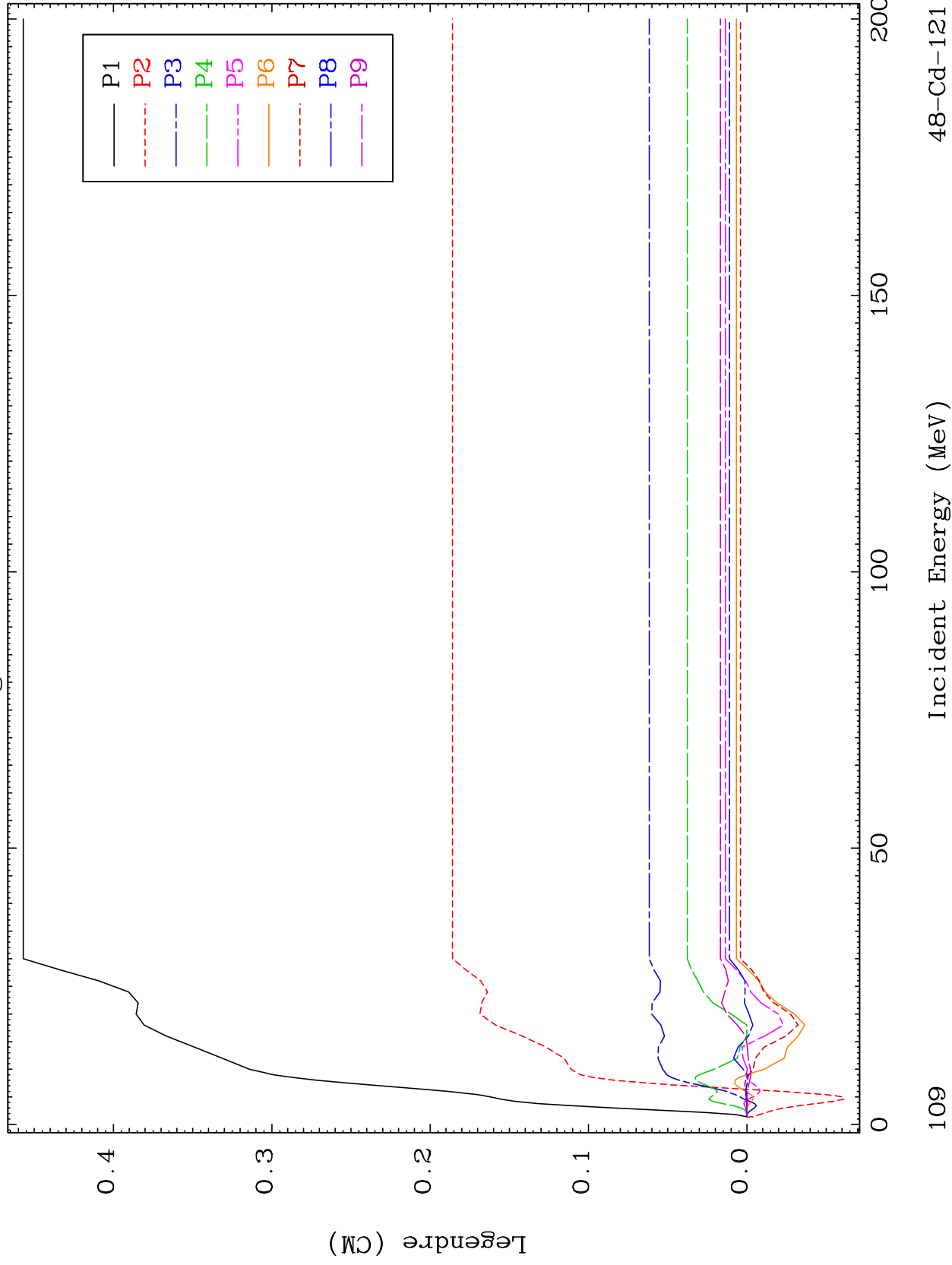




MAT 4870

1.341 MeV (n,n') Level
Legendre Coefficients

48-Cd-121



48-Cd-121

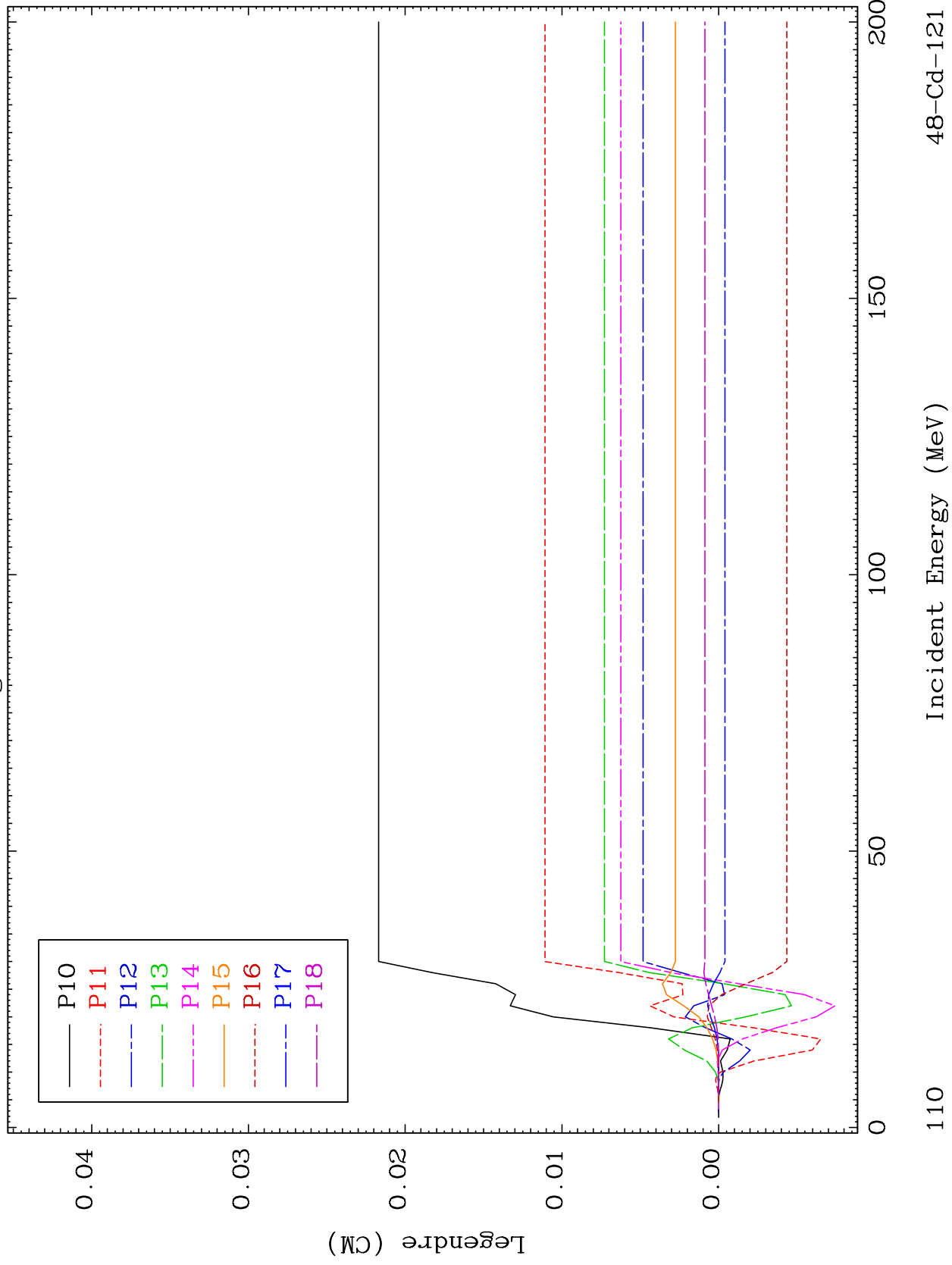
Incident Energy (MeV)

109

MAT 4870

1.341 MeV (n,n') Level
Legendre Coefficients

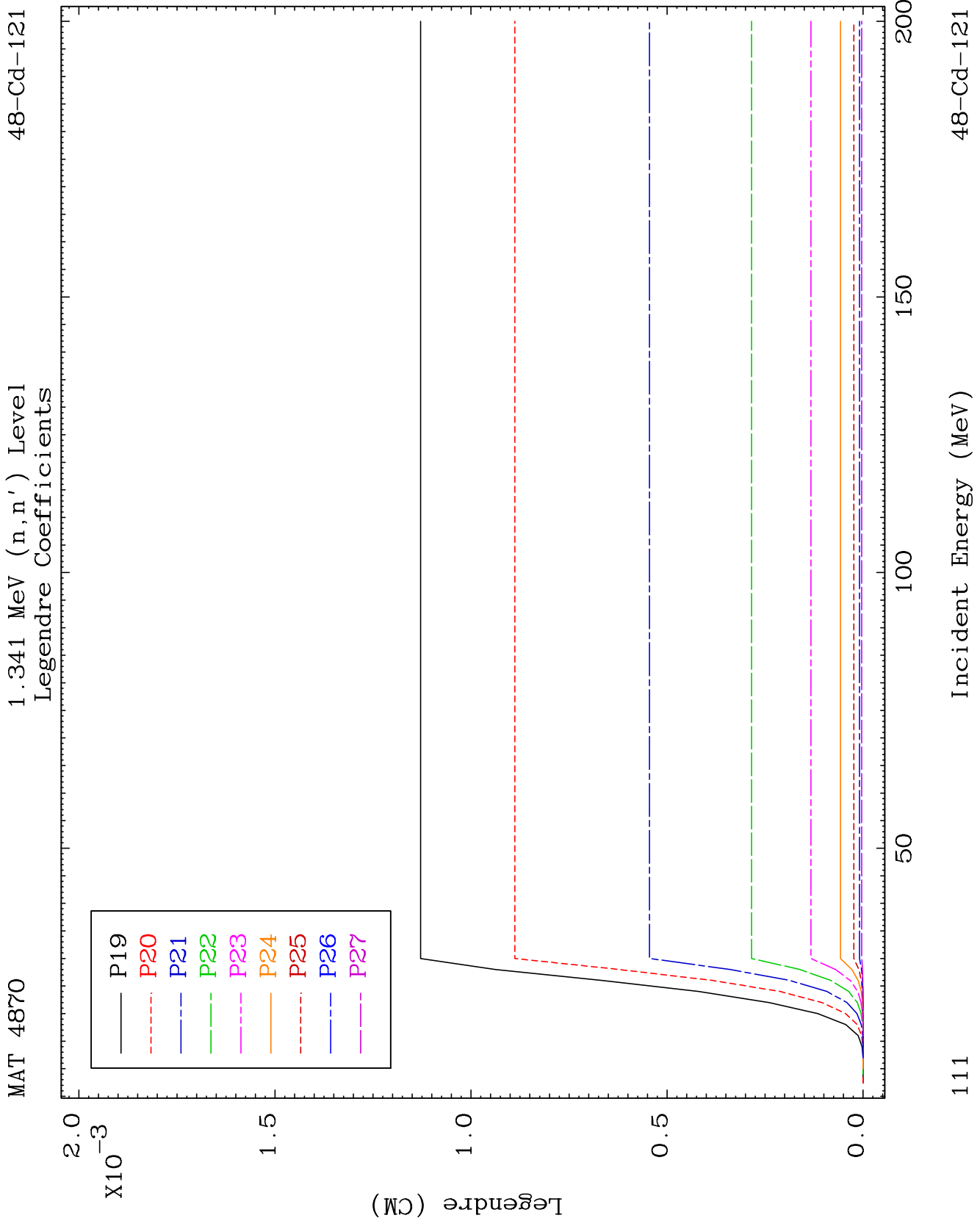
48-Cd-121

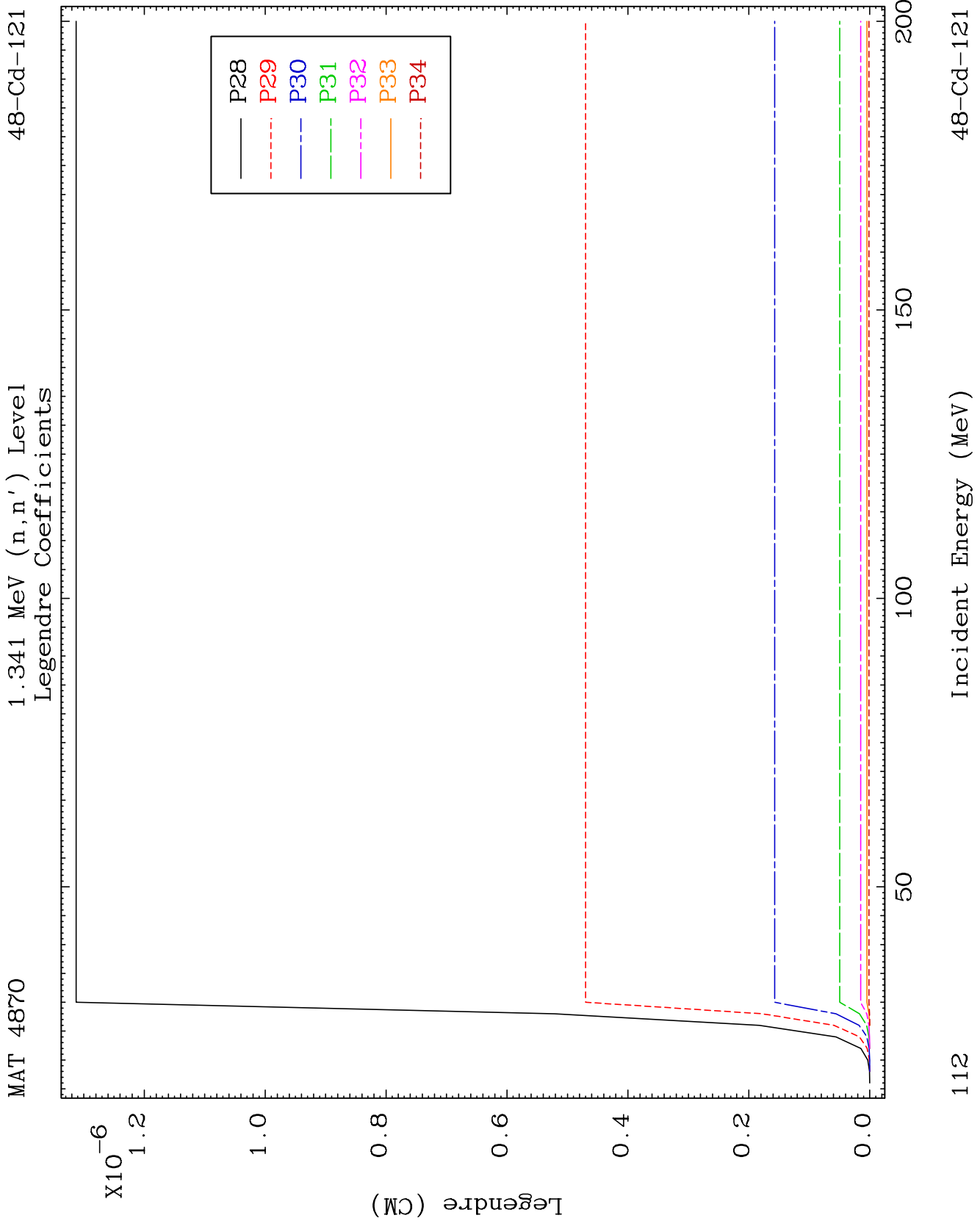


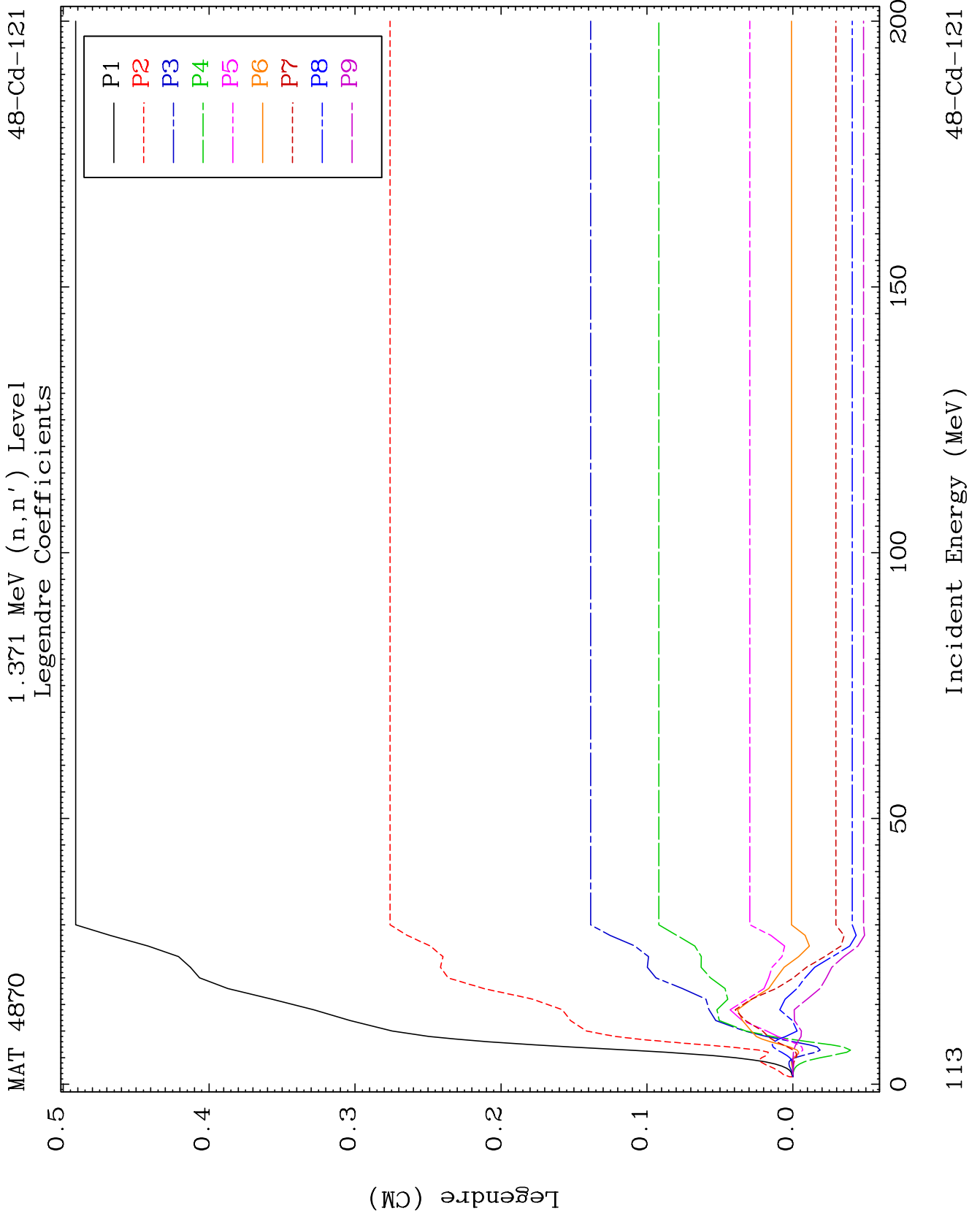
110

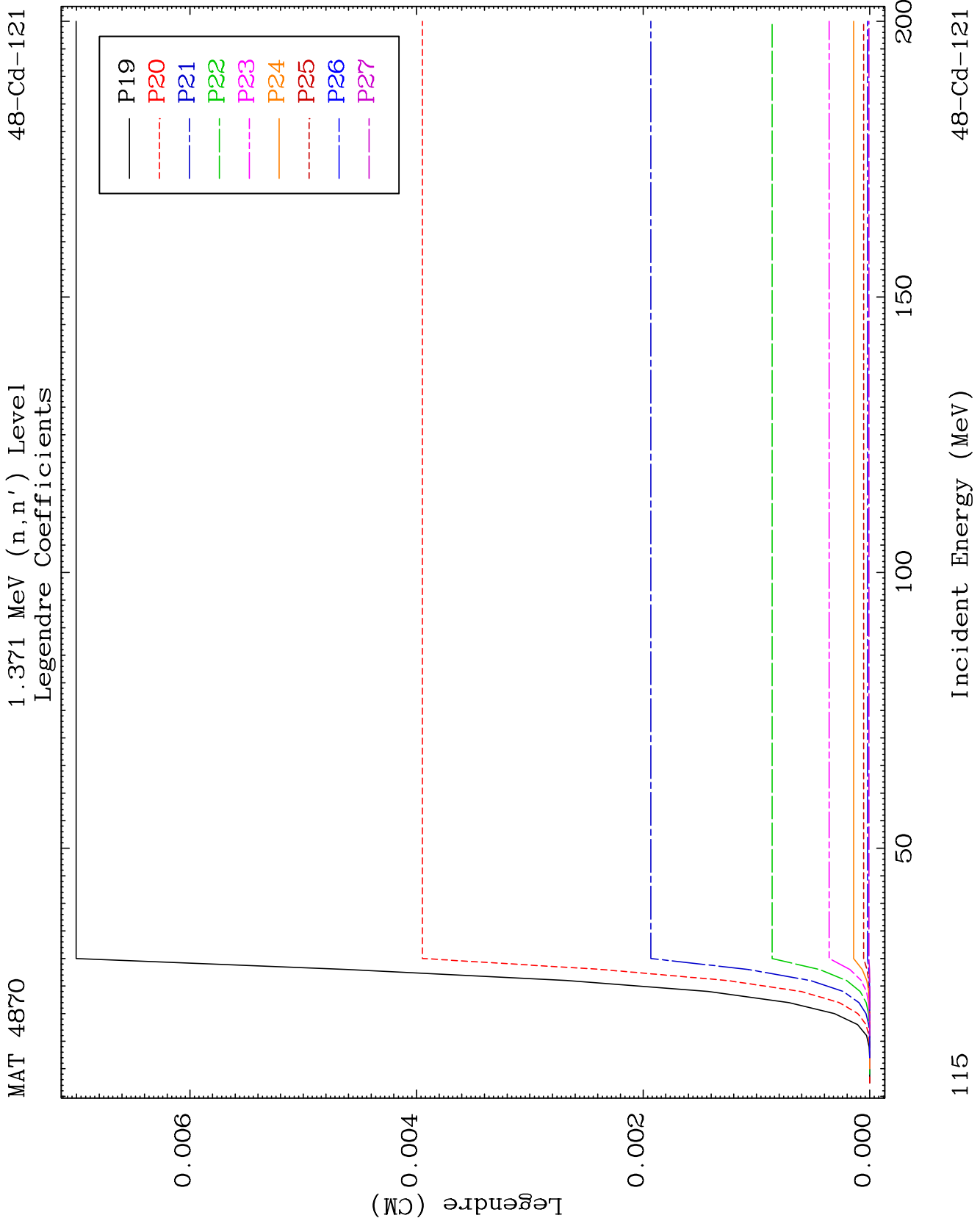
Incident Energy (MeV)

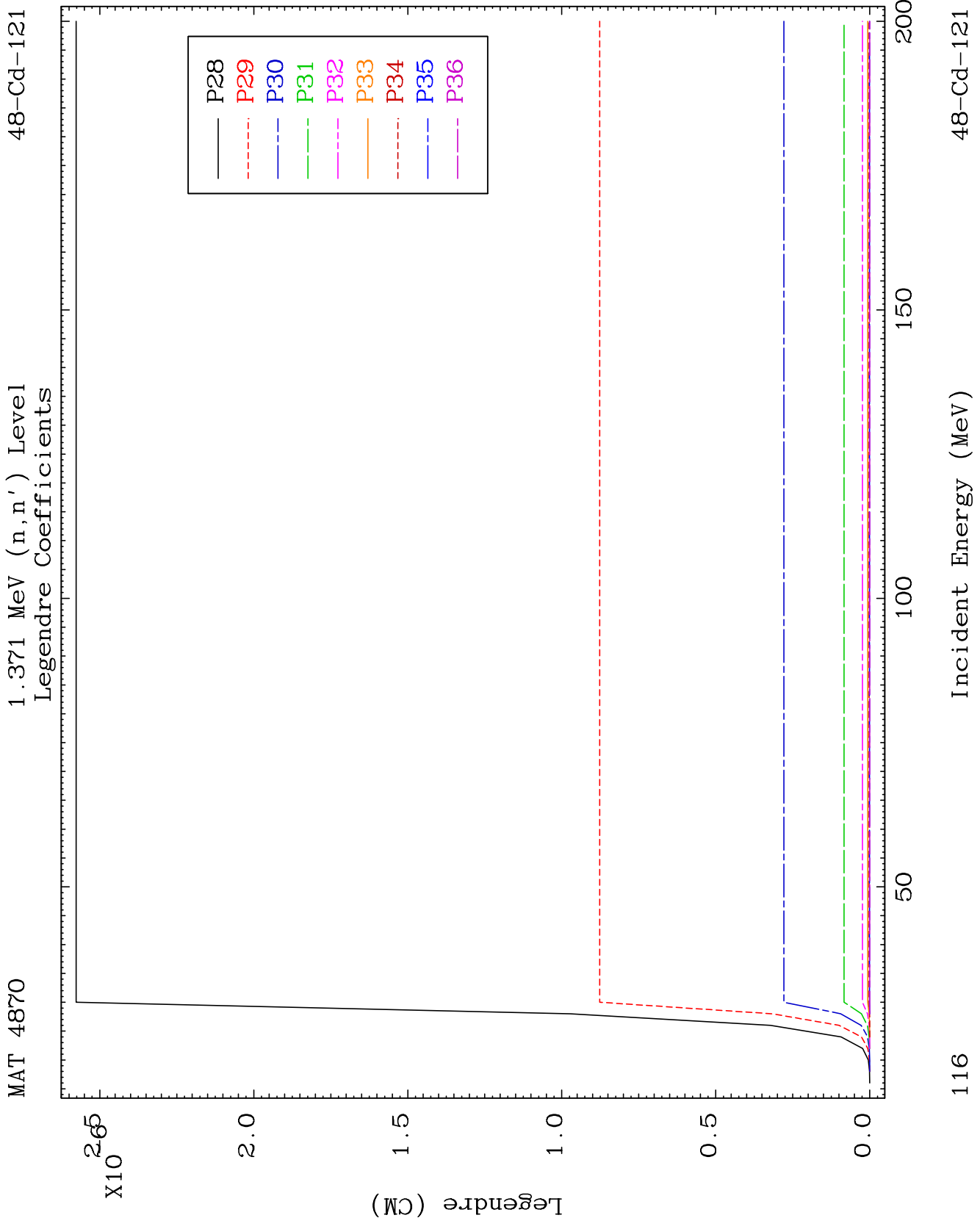
48-Cd-121

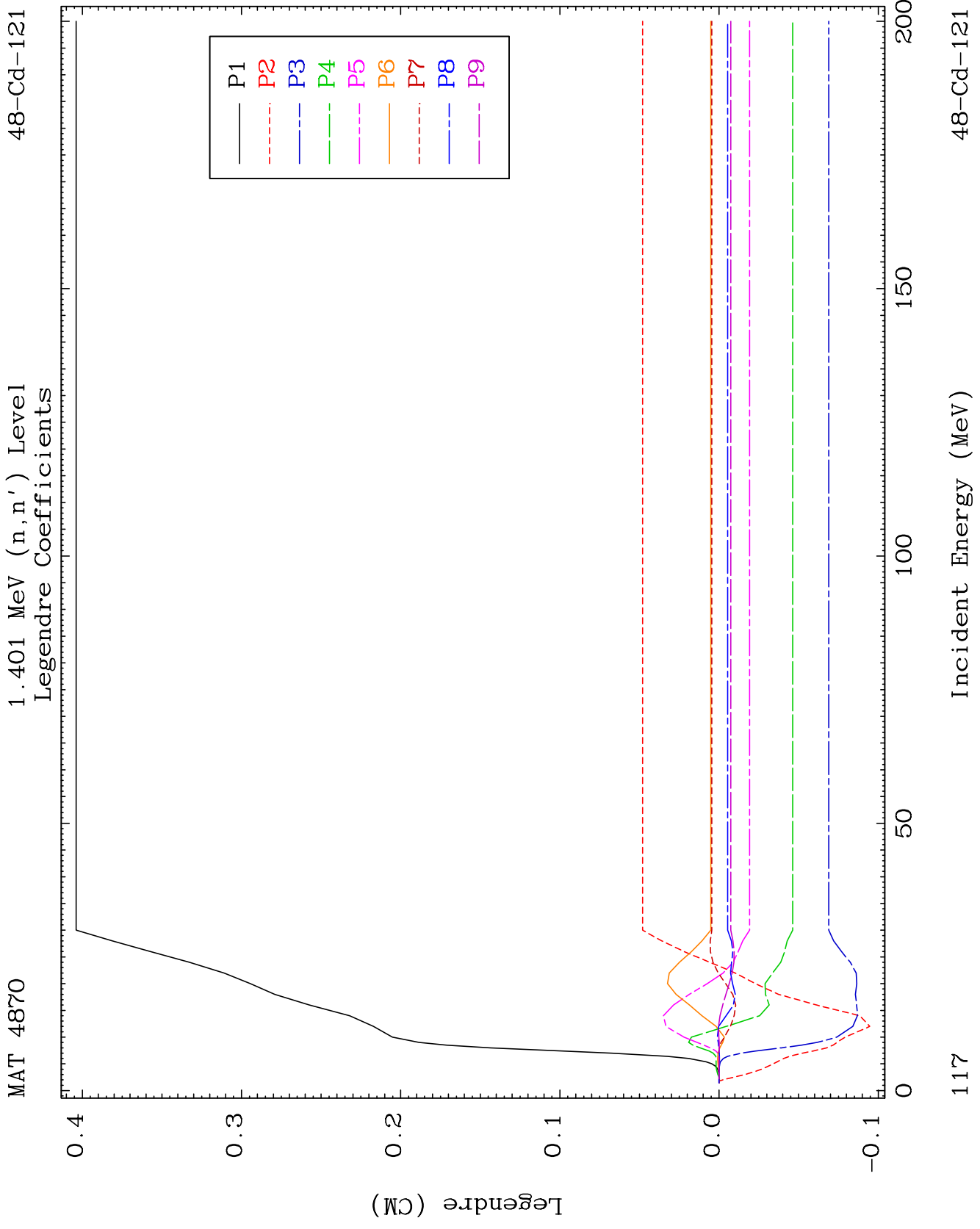


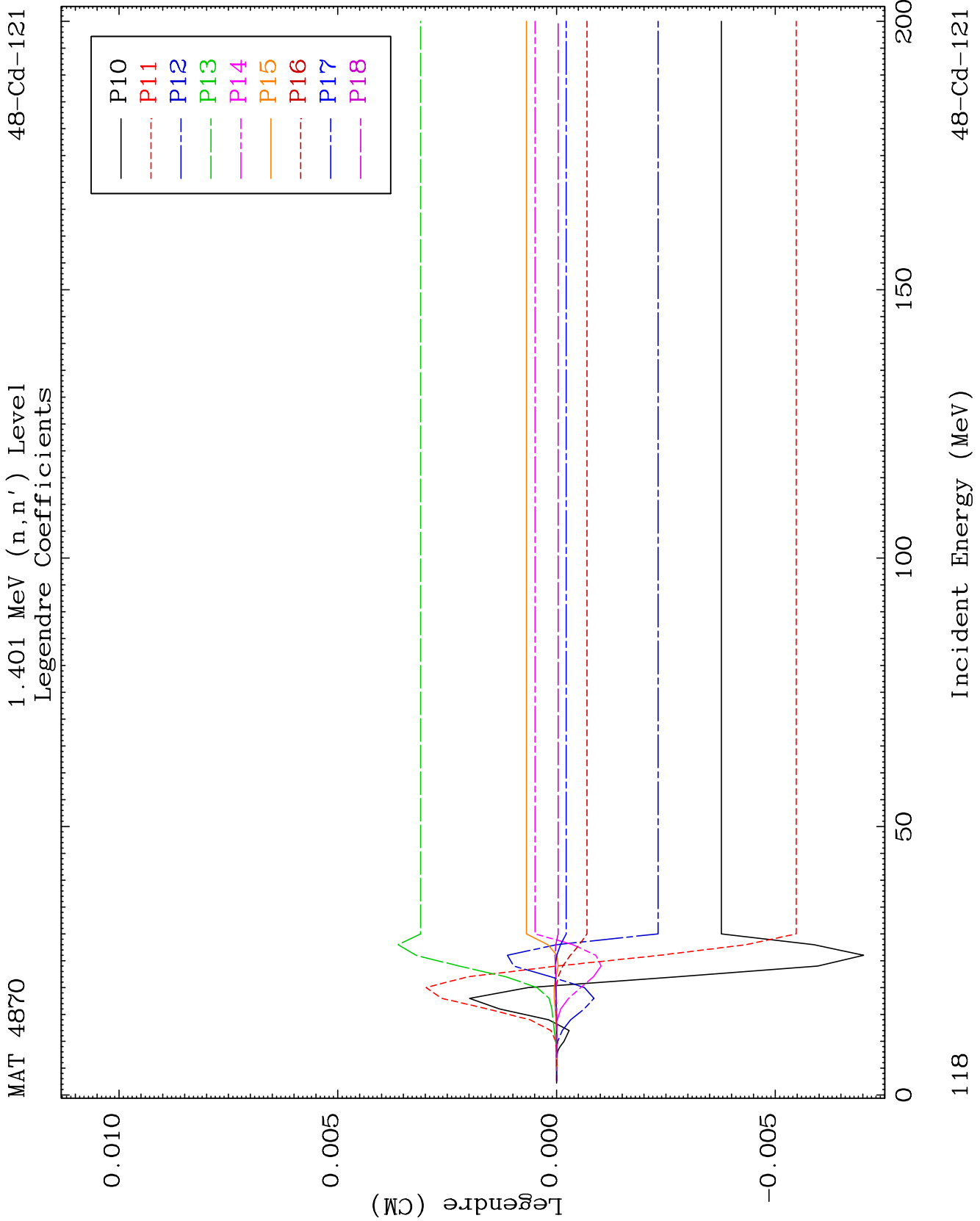


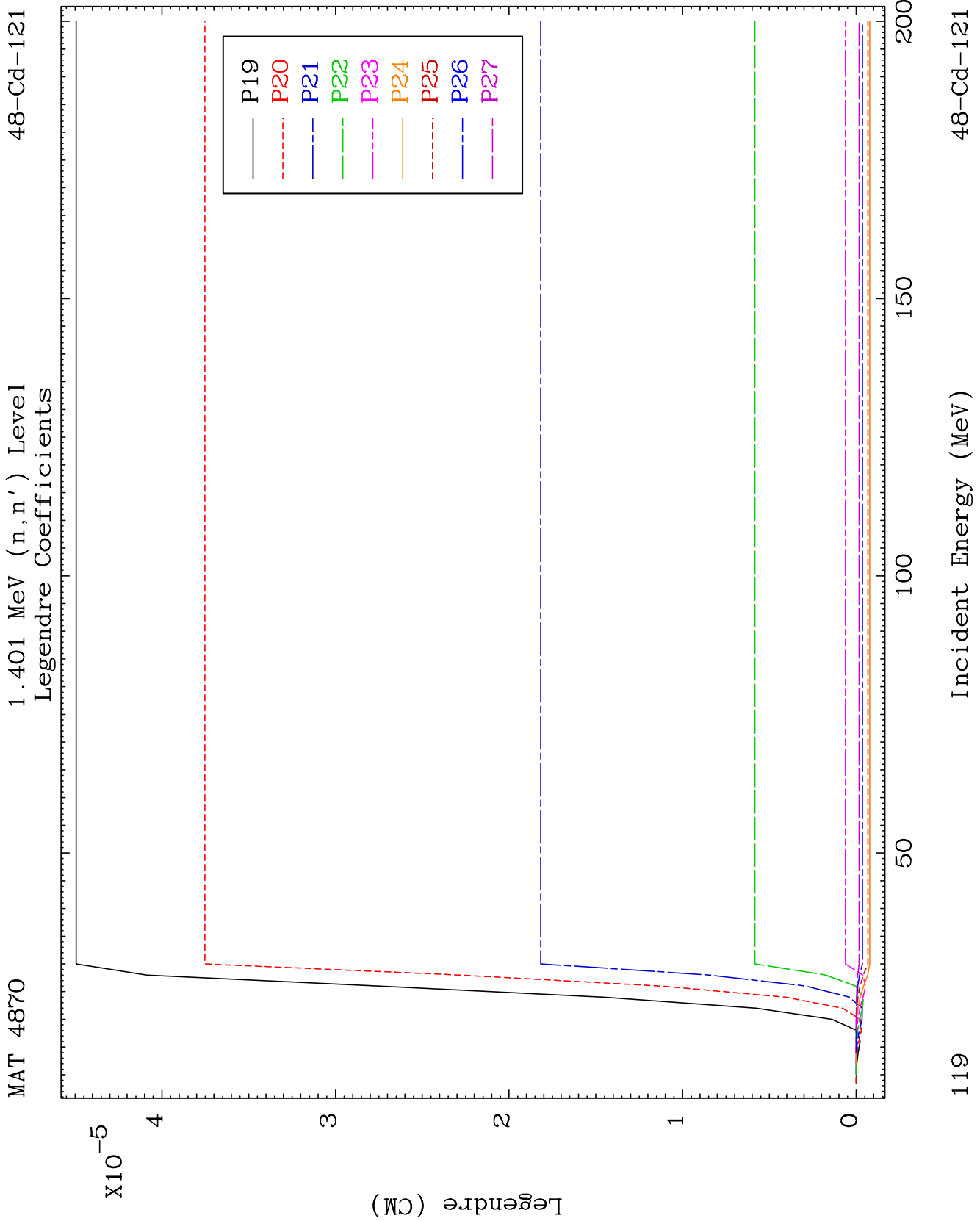


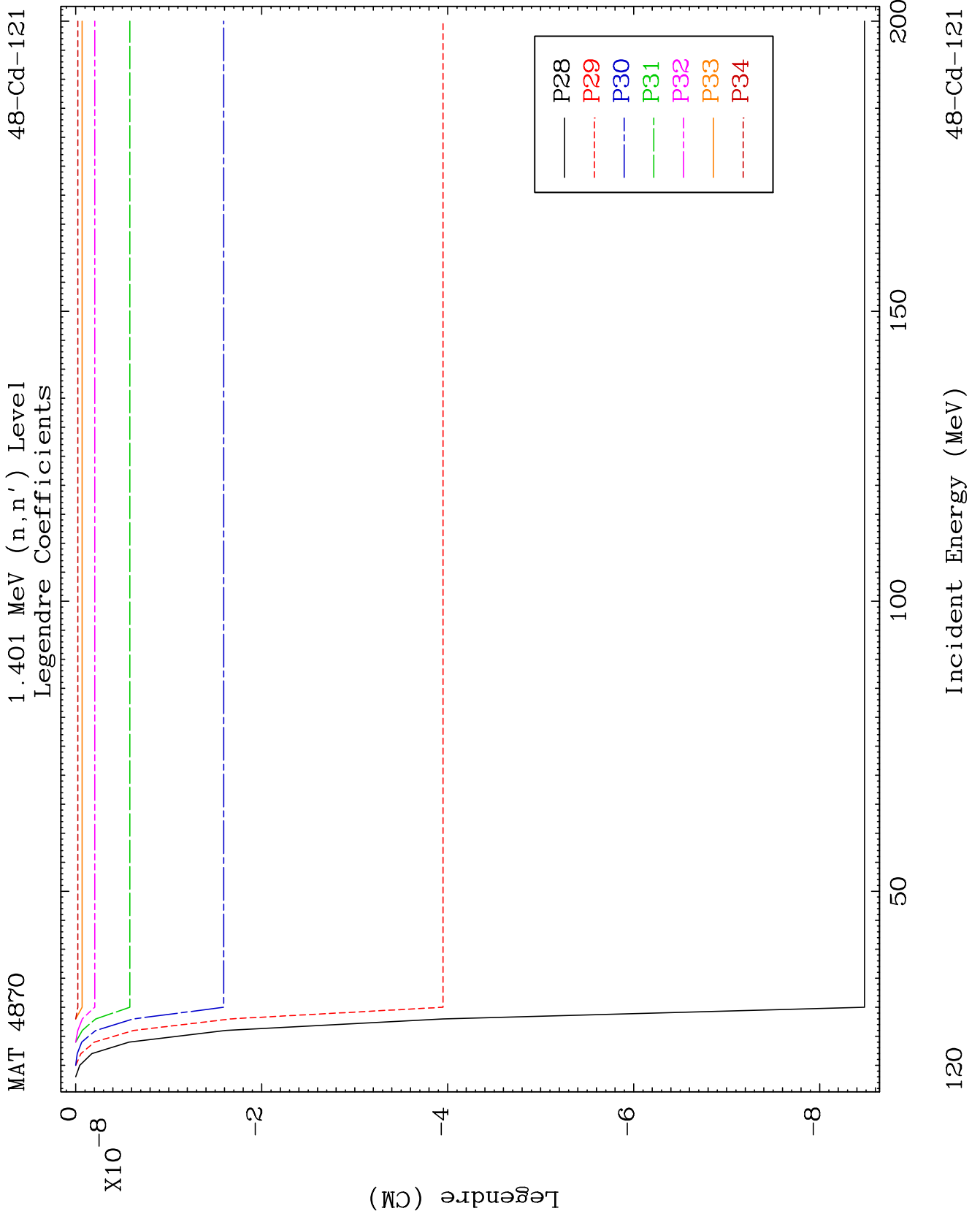


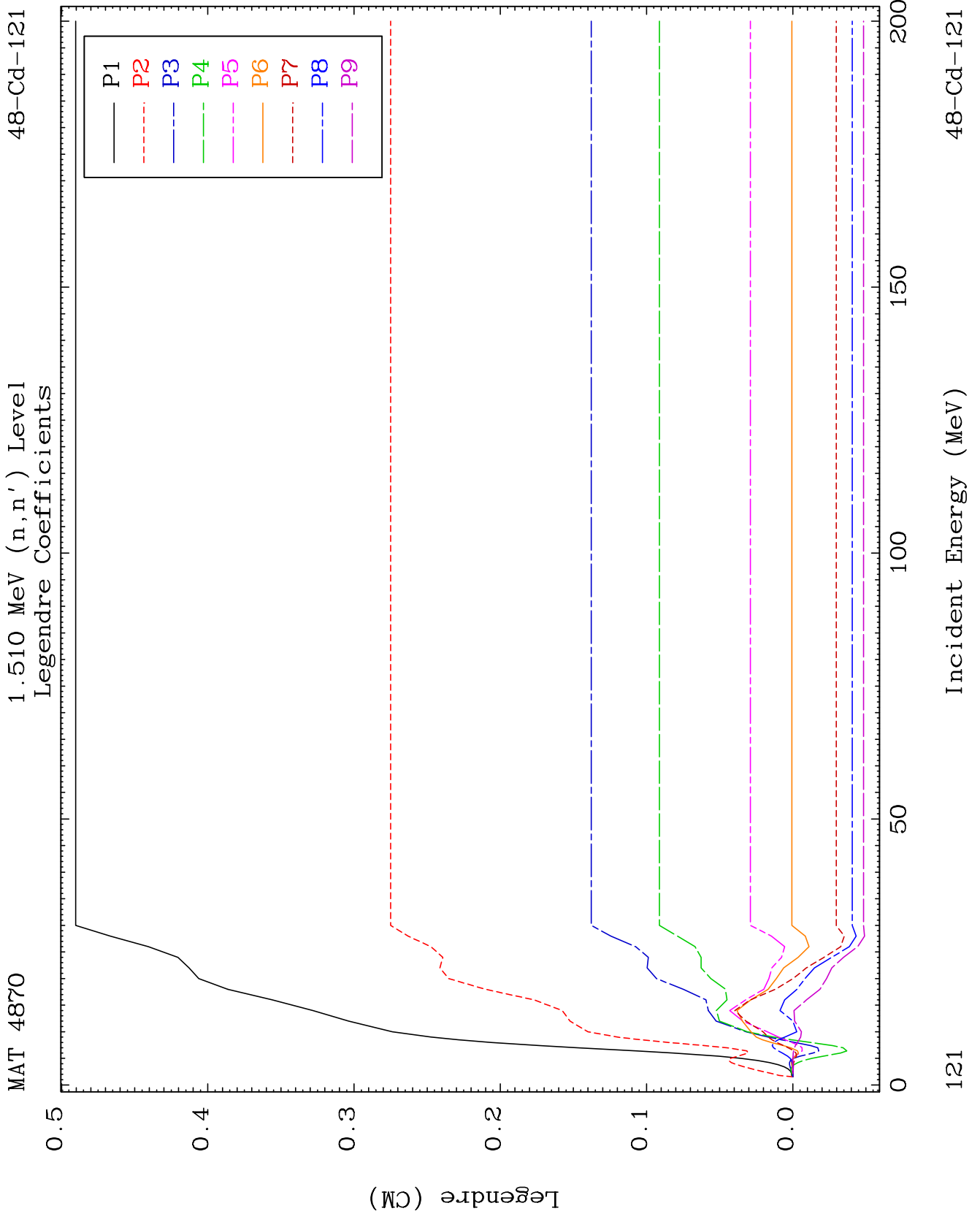


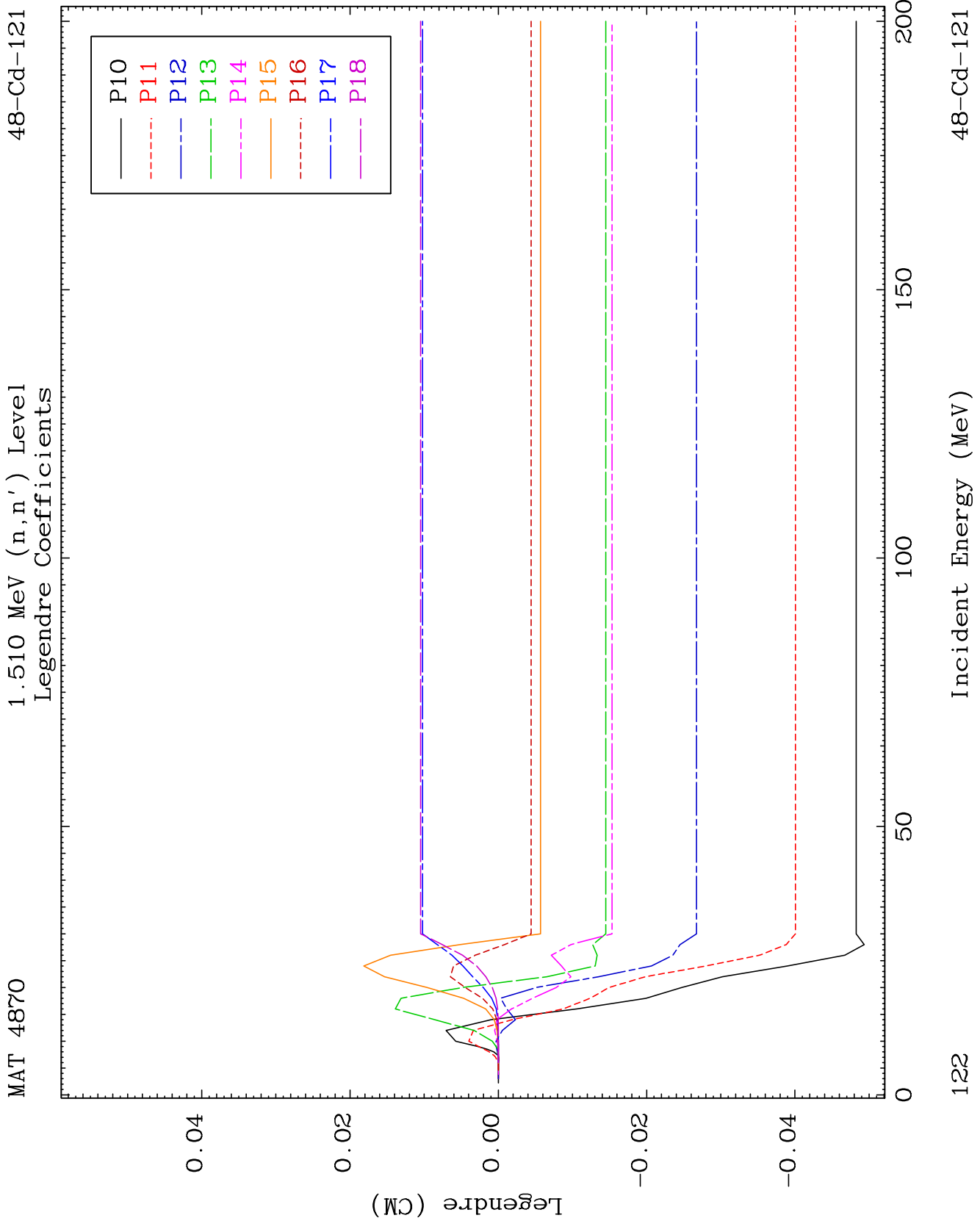


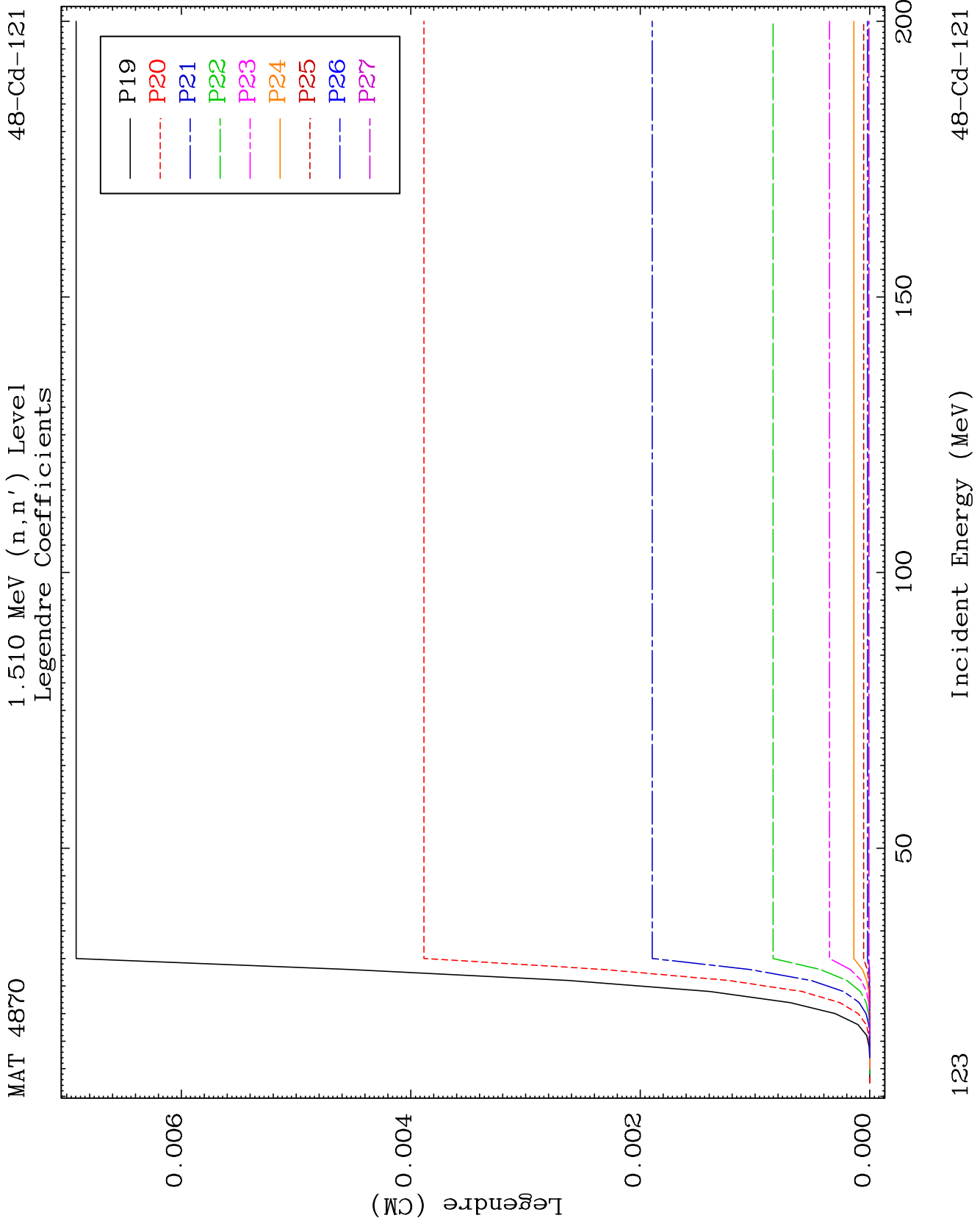


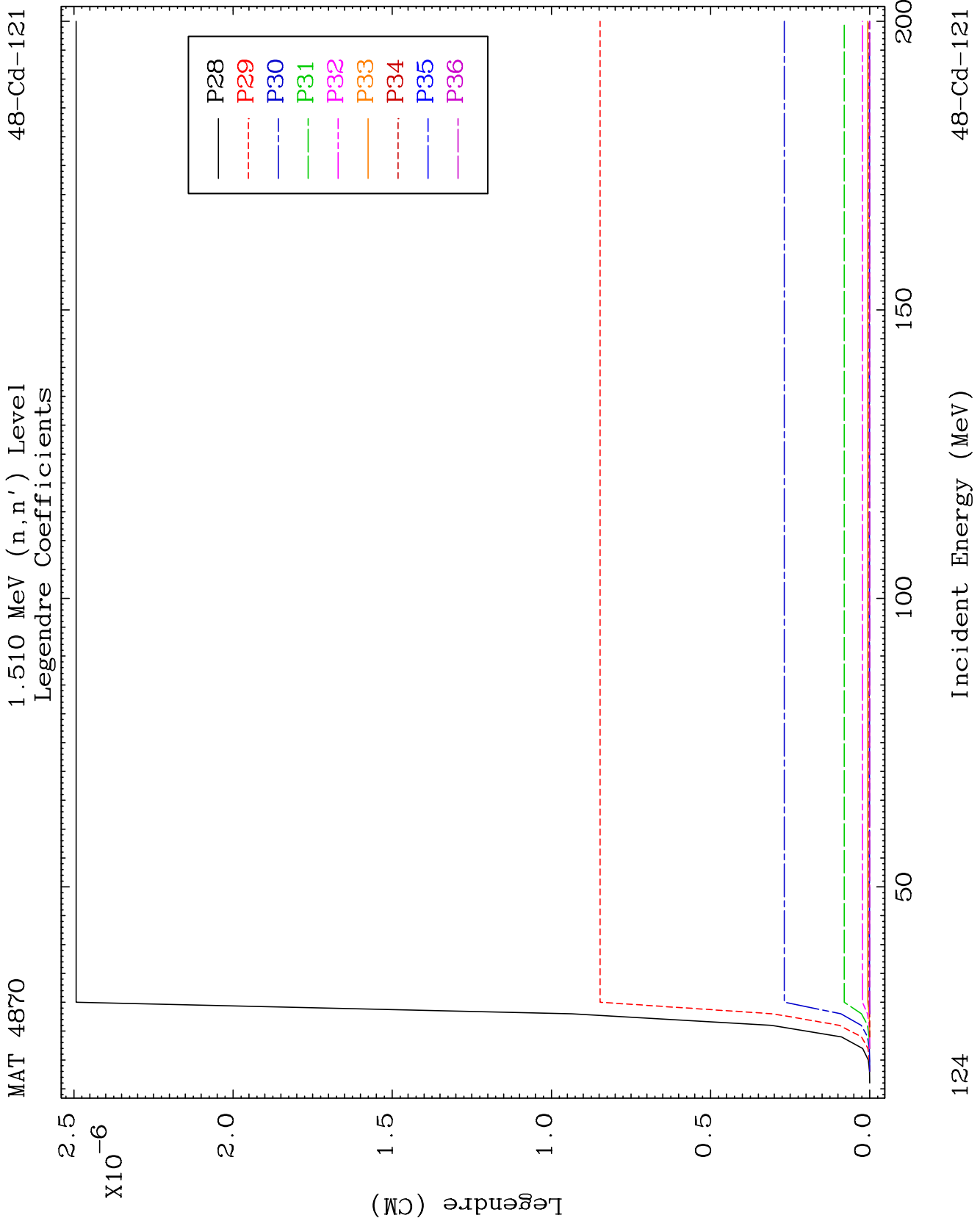


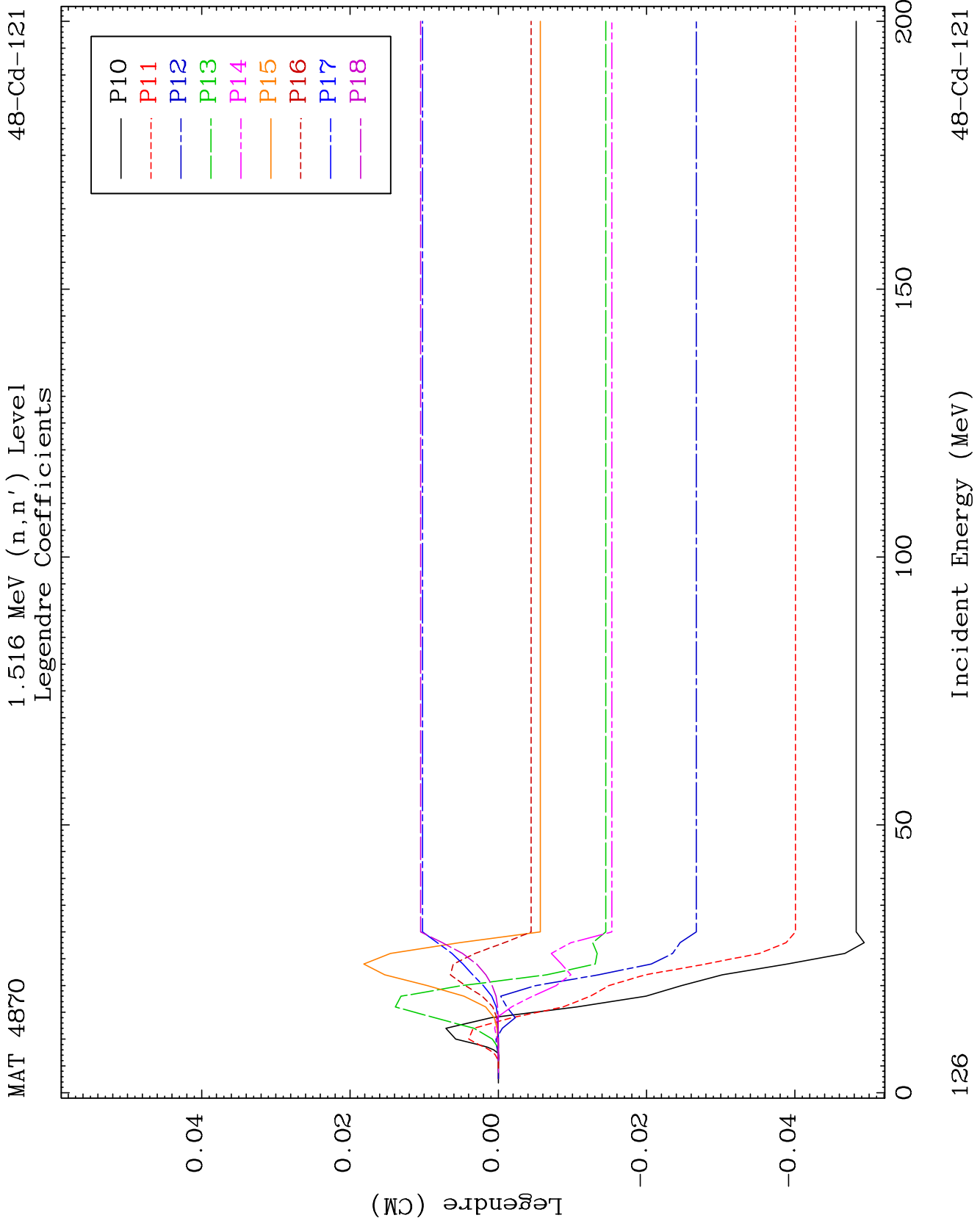


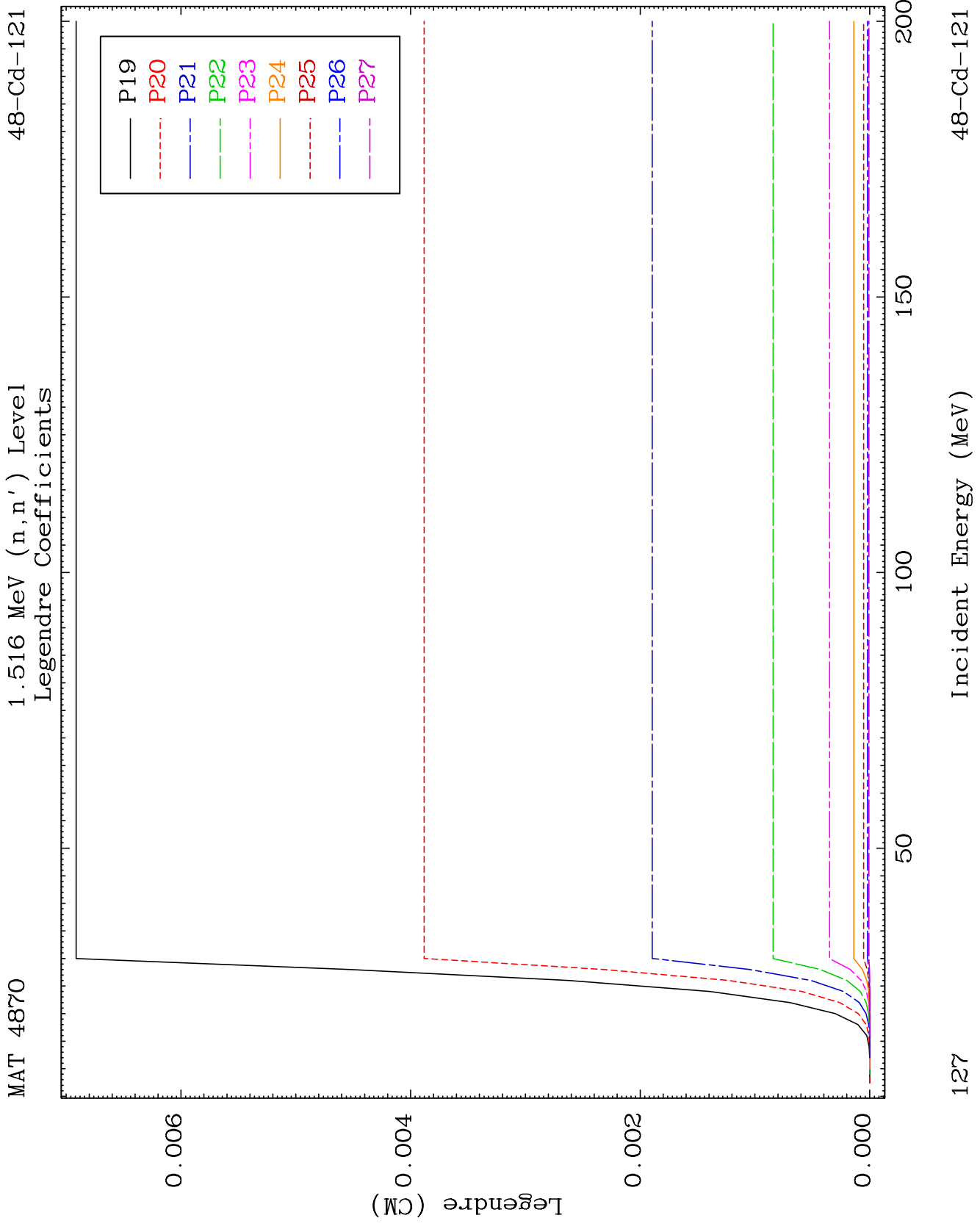


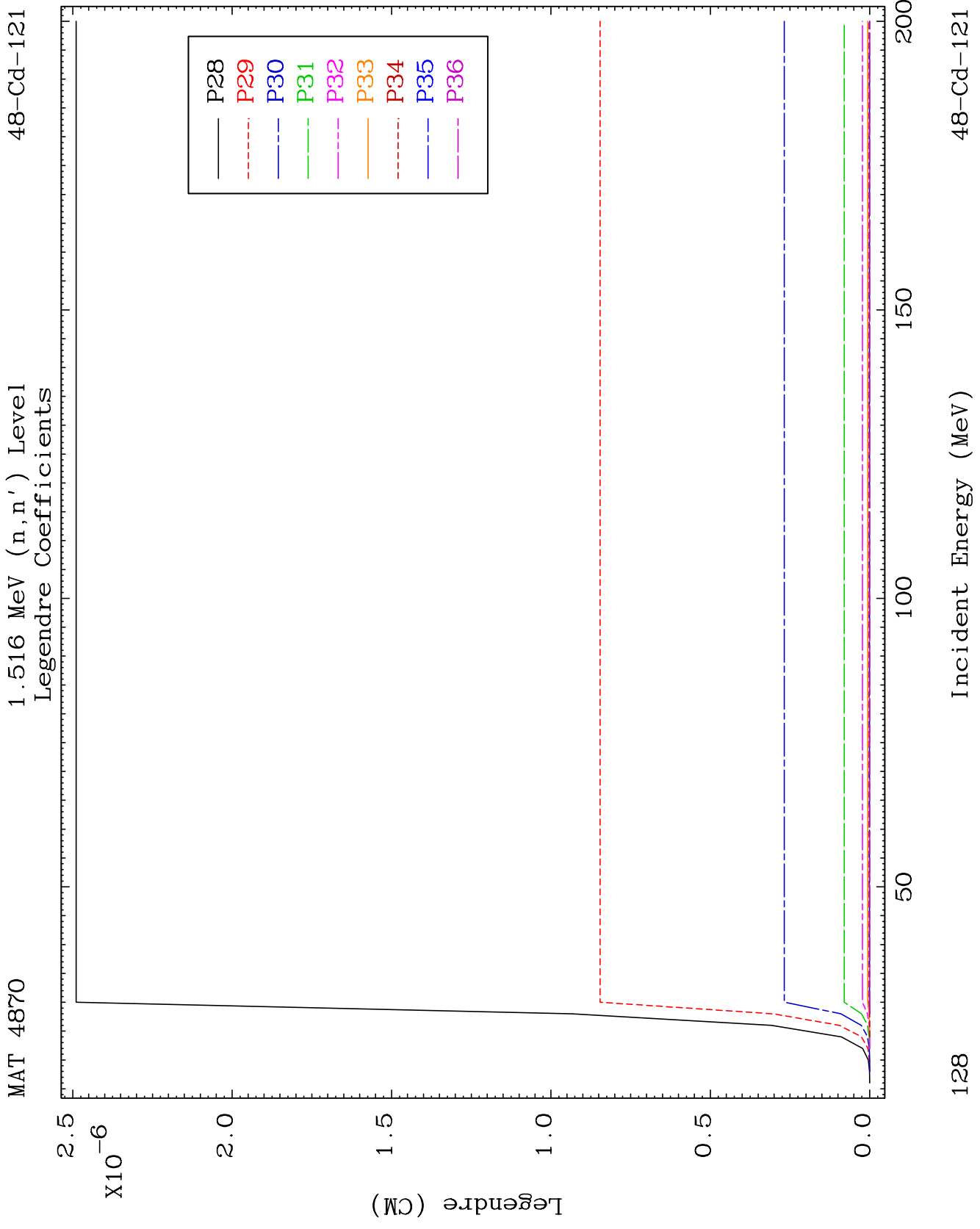








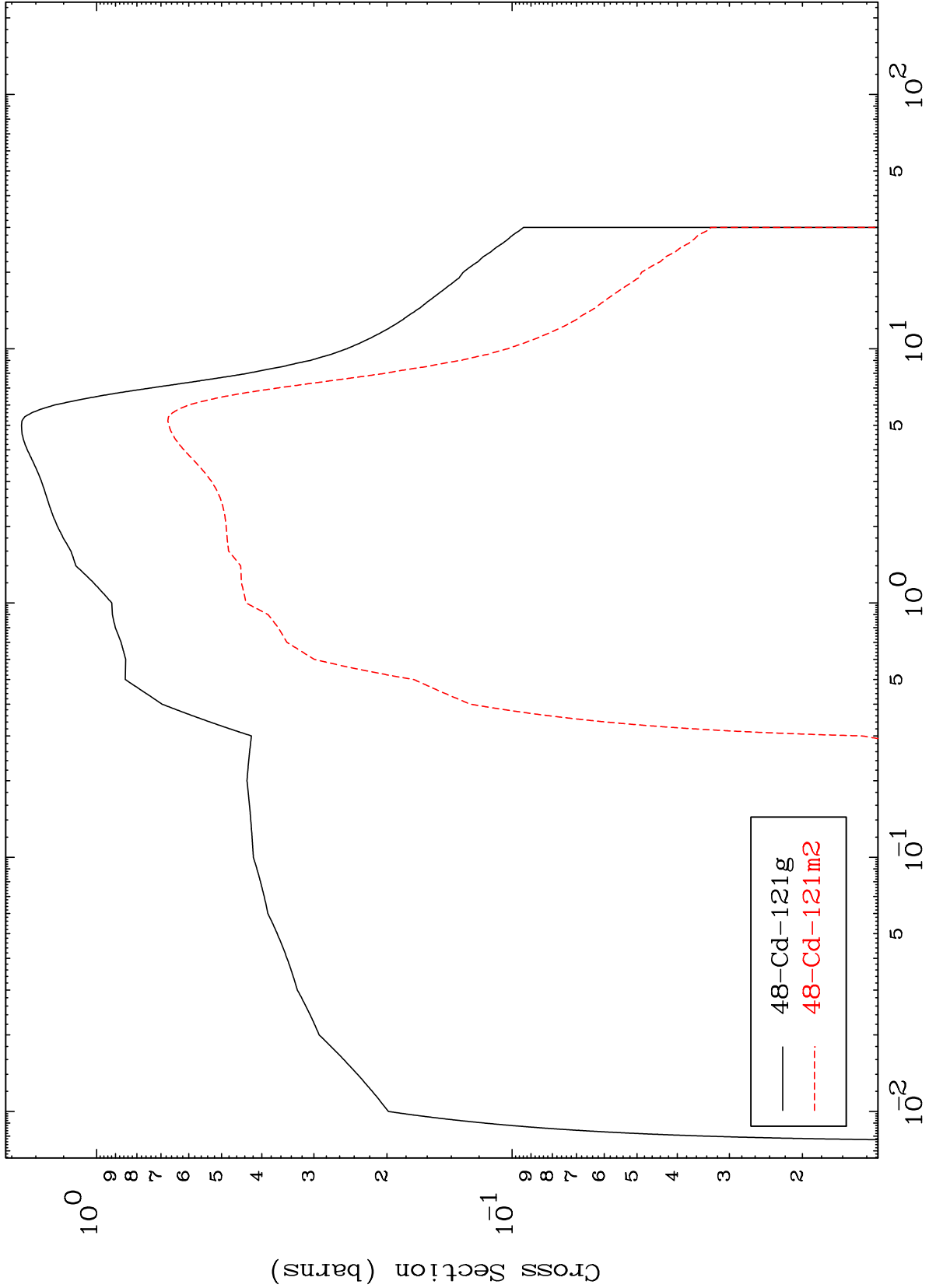




MAT 4870

48-Cd-121

Inelastic
Radionuclide Production Cross Section



129

48-Cd-121

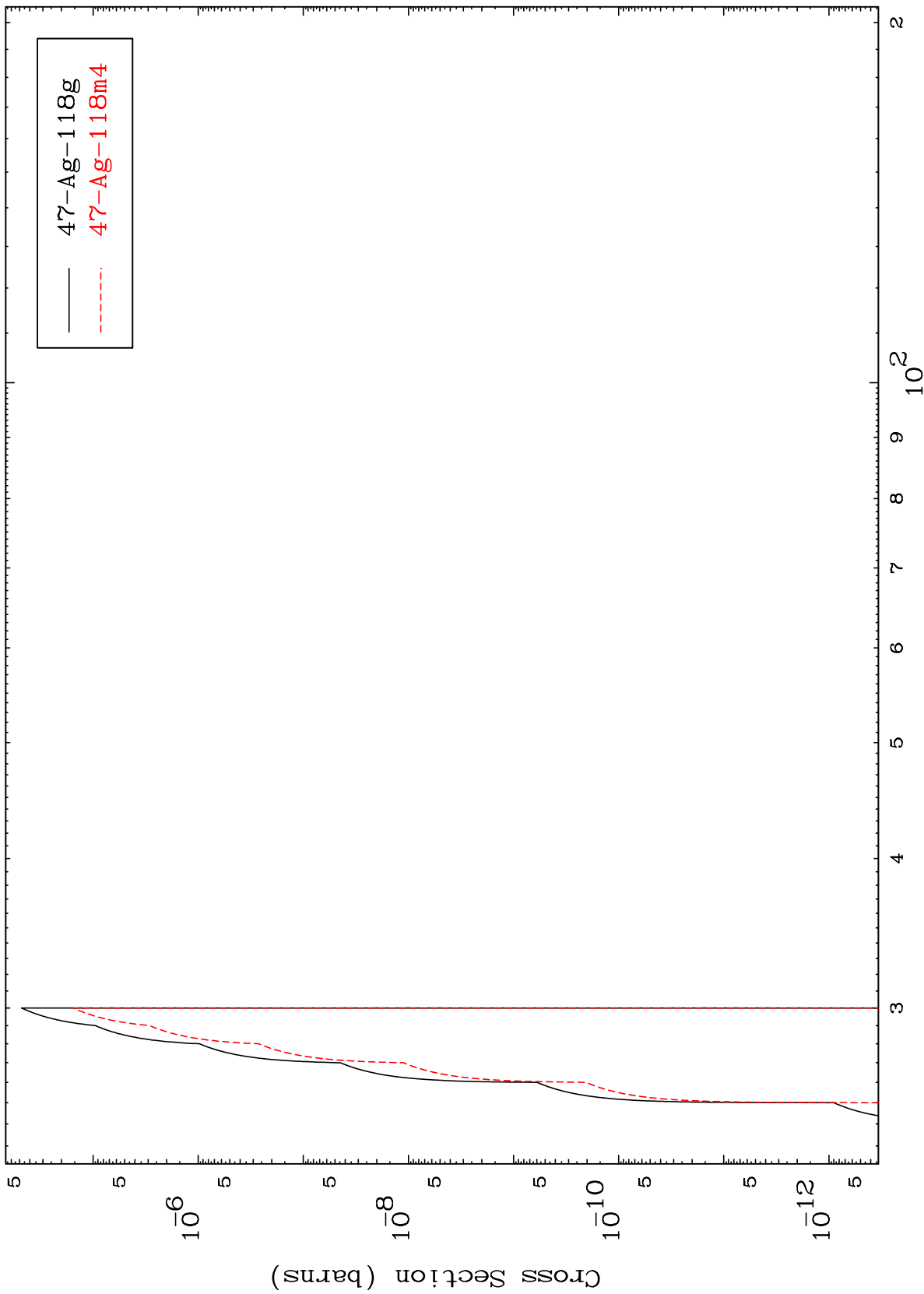
Incident Energy (MeV)

MAT 4870

(n,2n) d

48-Cd-121

Radionuclide Production Cross Section



130

Incident Energy (MeV)

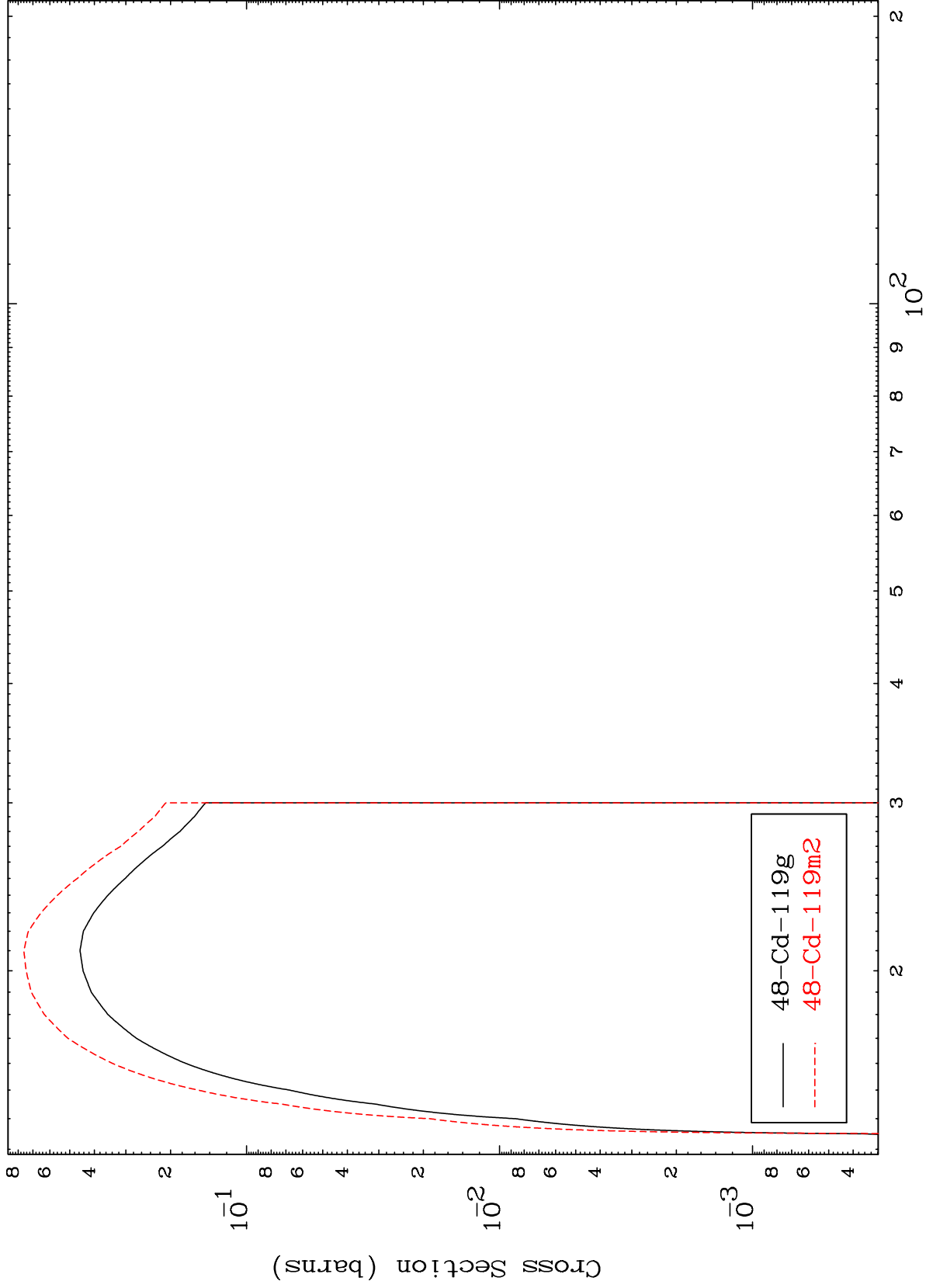
48-Cd-121

MAT 4870

(n,3n)

48-Cd-121

Radionuclide Production Cross Section



131

Incident Energy (MeV)

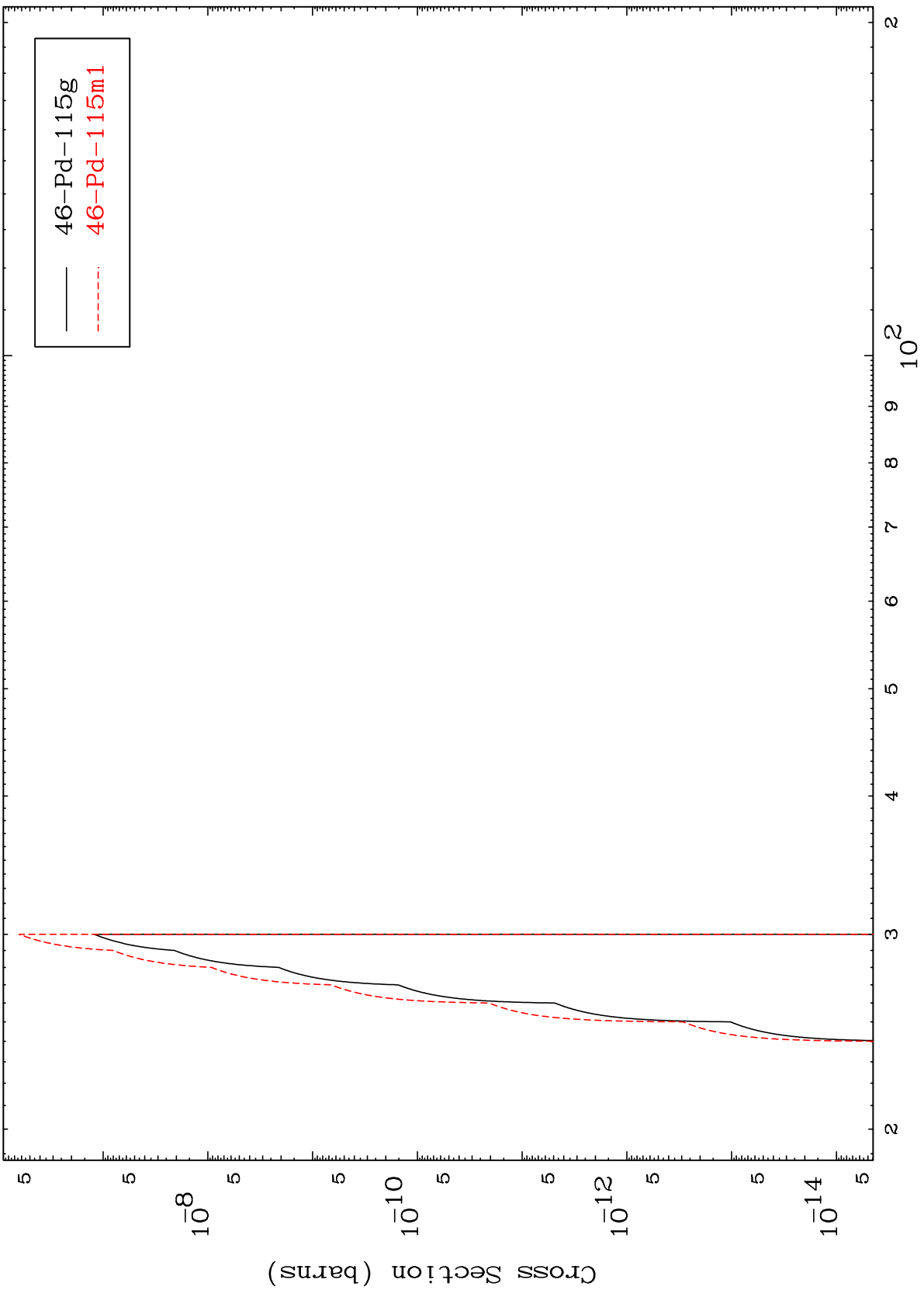
48-Cd-121

MAT 4870

(n,3n) α

48-Cd-121

Radionuclide Production Cross Section



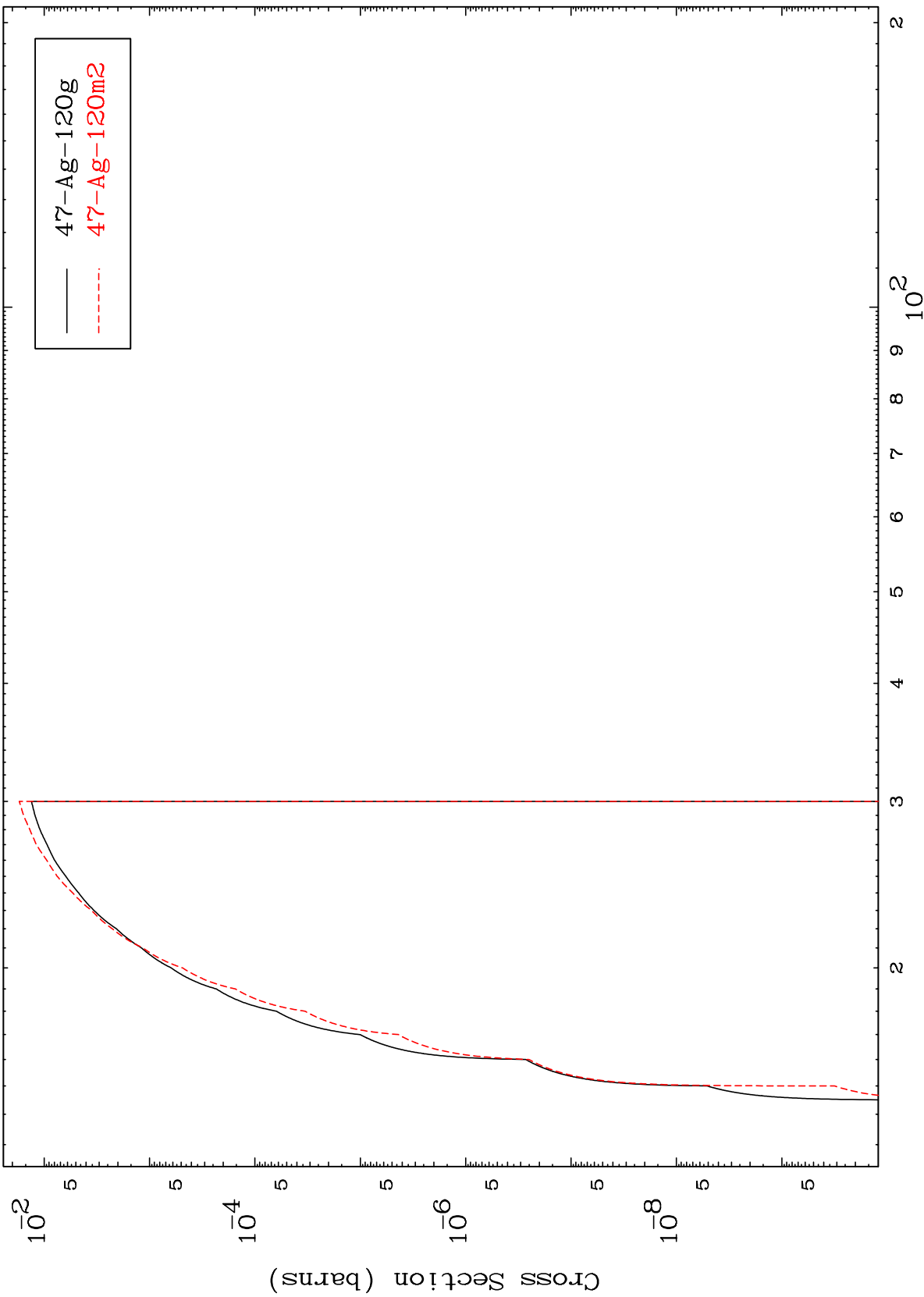
46-Pd-115g
46-Pd-115m1

132

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section

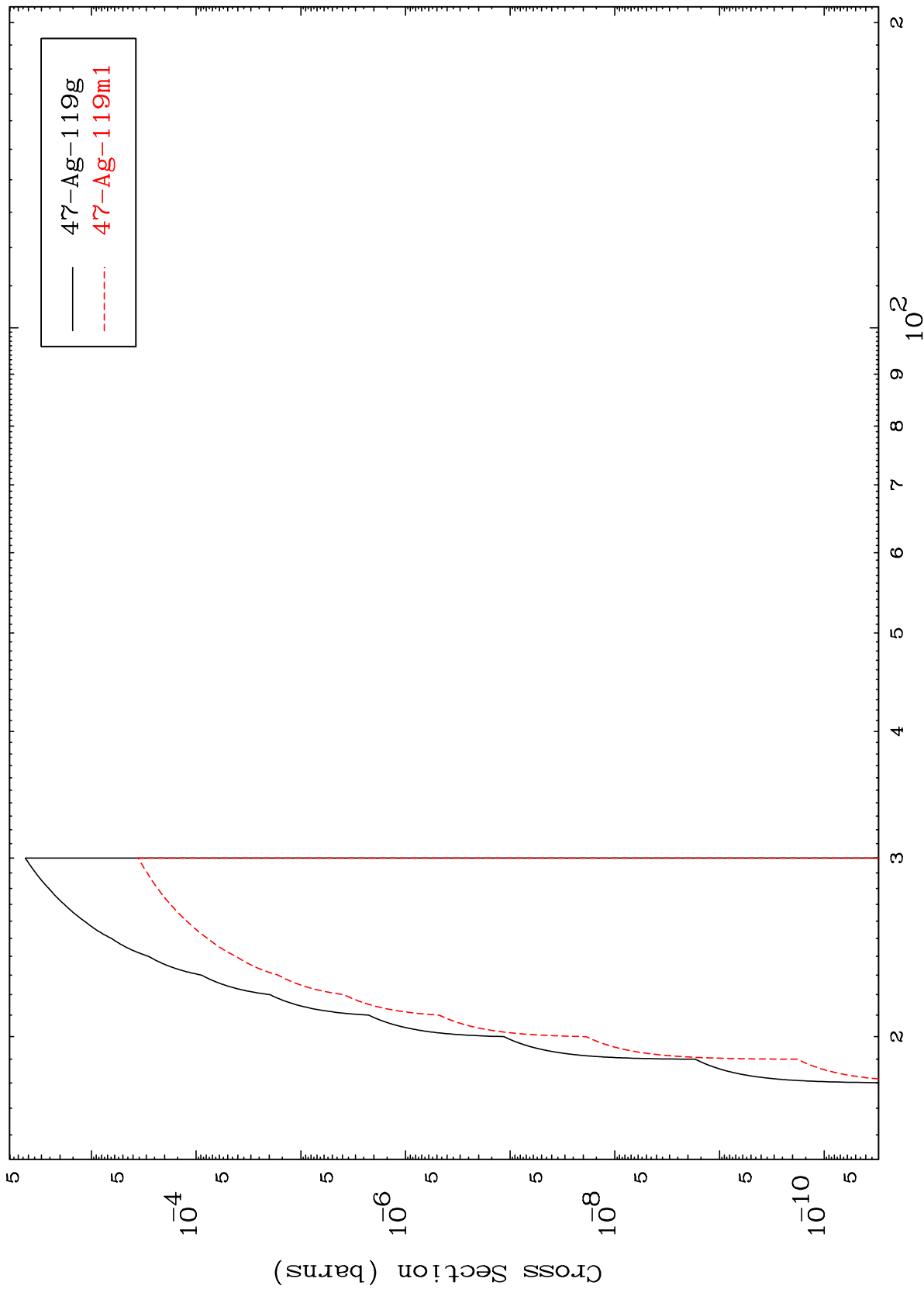


MAT 4870

(n,n') d

48-Cd-121

Radionuclide Production Cross Section



134

Incident Energy (MeV)

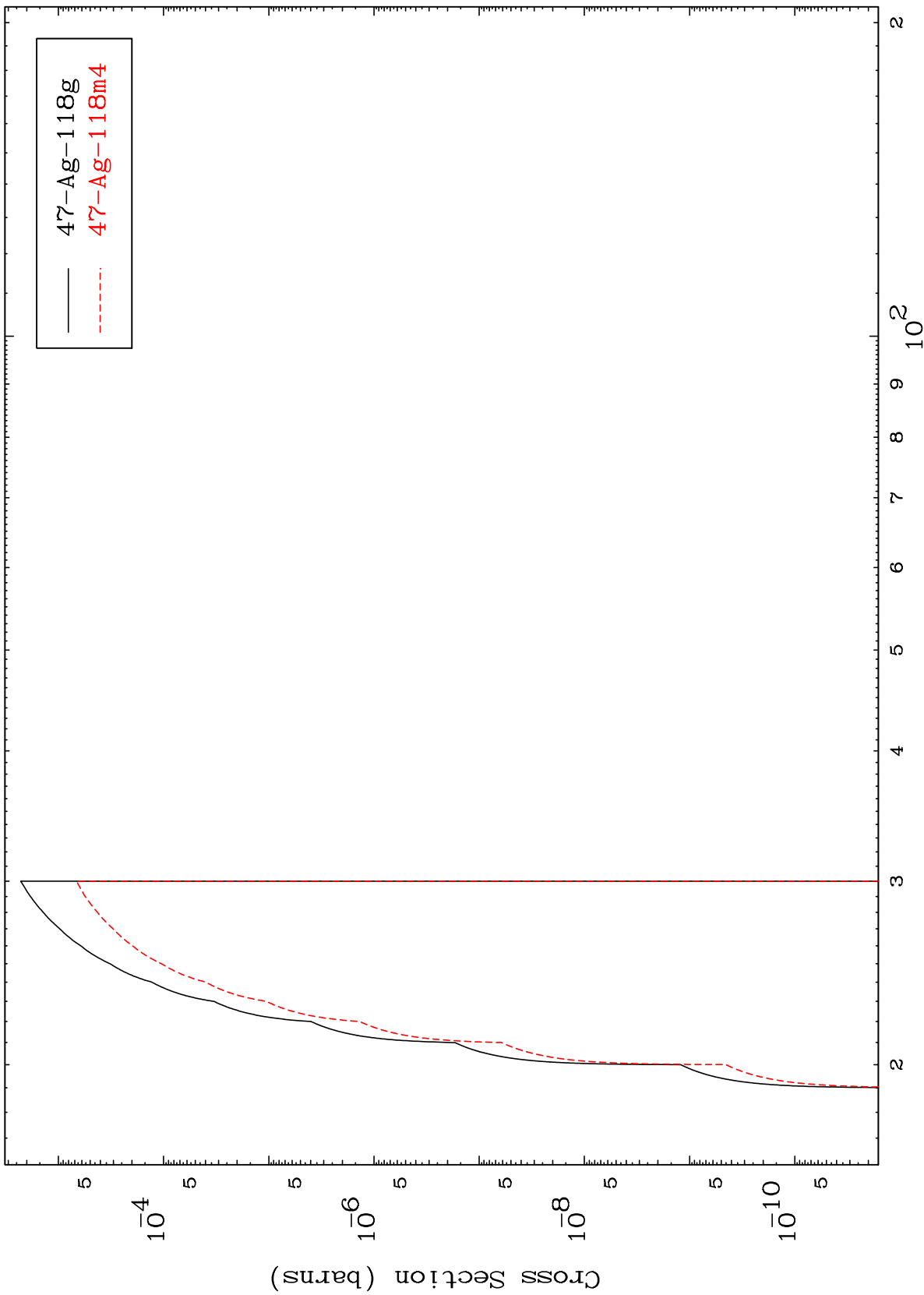
48-Cd-121

MAT 4870

(n,n') t

48-Cd-121

Radionuclide Production Cross Section



135

Incident Energy (MeV)

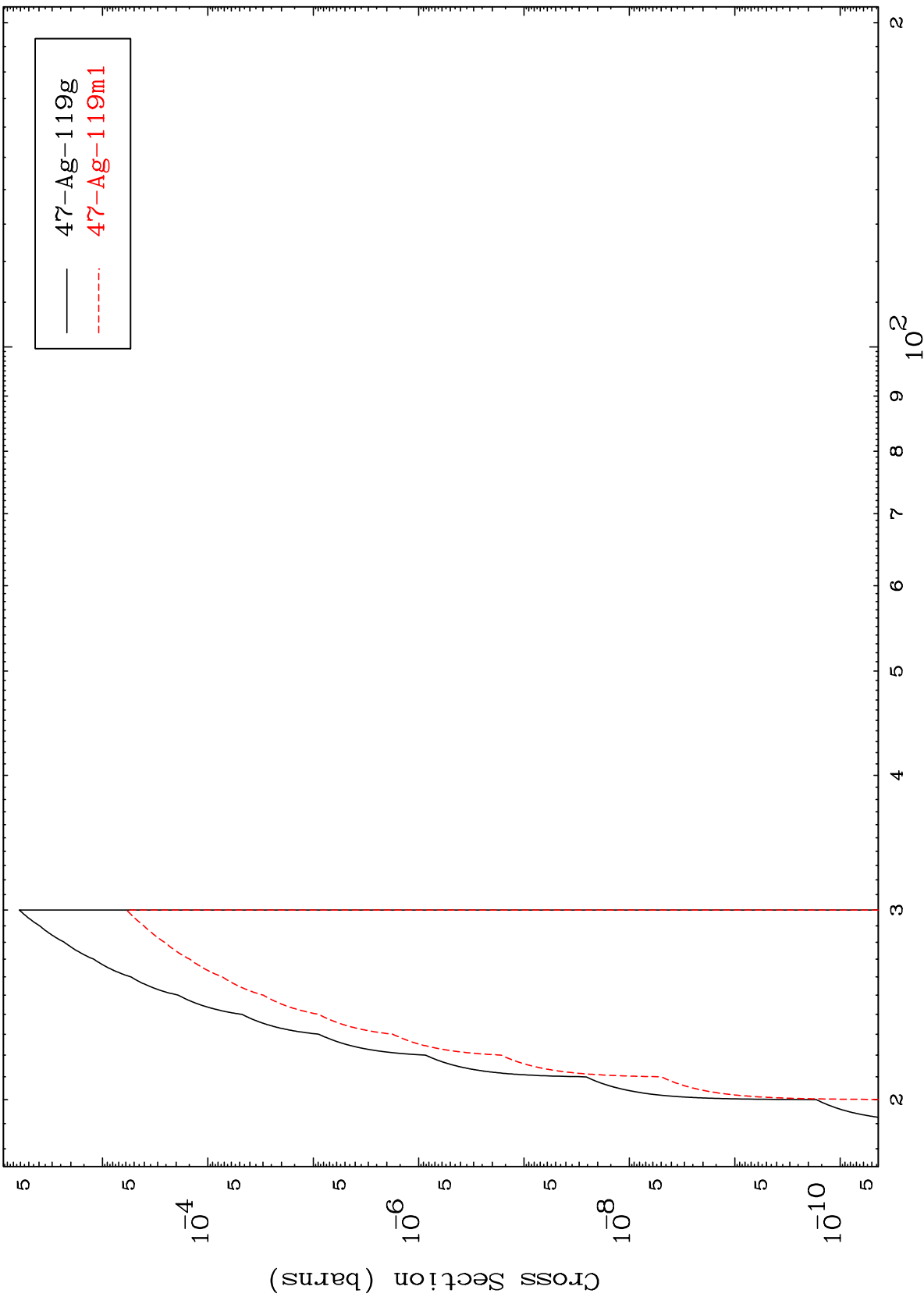
48-Cd-121

MAT 4870

(n,2n) p

48-Cd-121

Radionuclide Production Cross Section



136

Incident Energy (MeV)

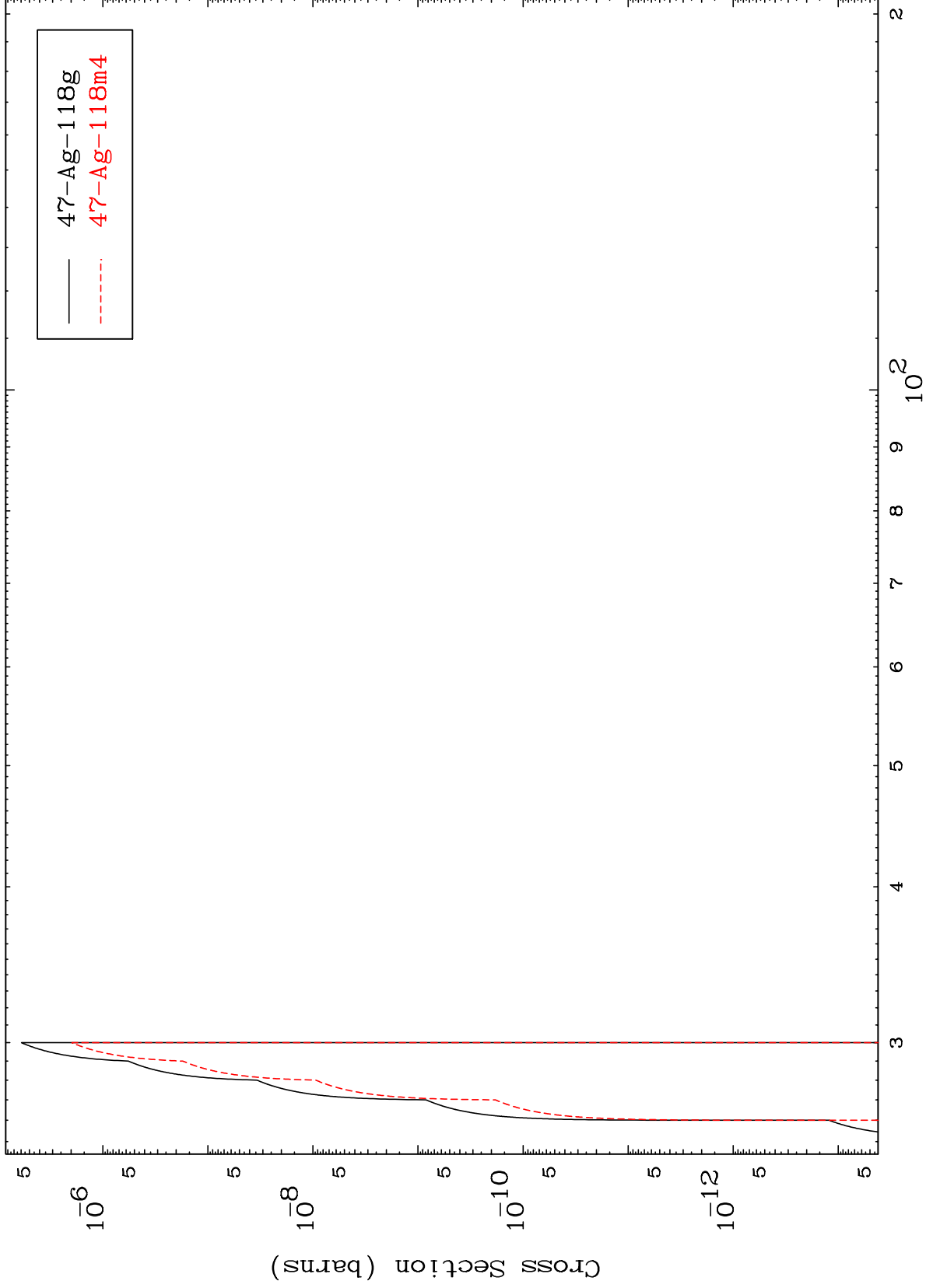
48-Cd-121

MAT 4870

(n,3n) p

48-Cd-121

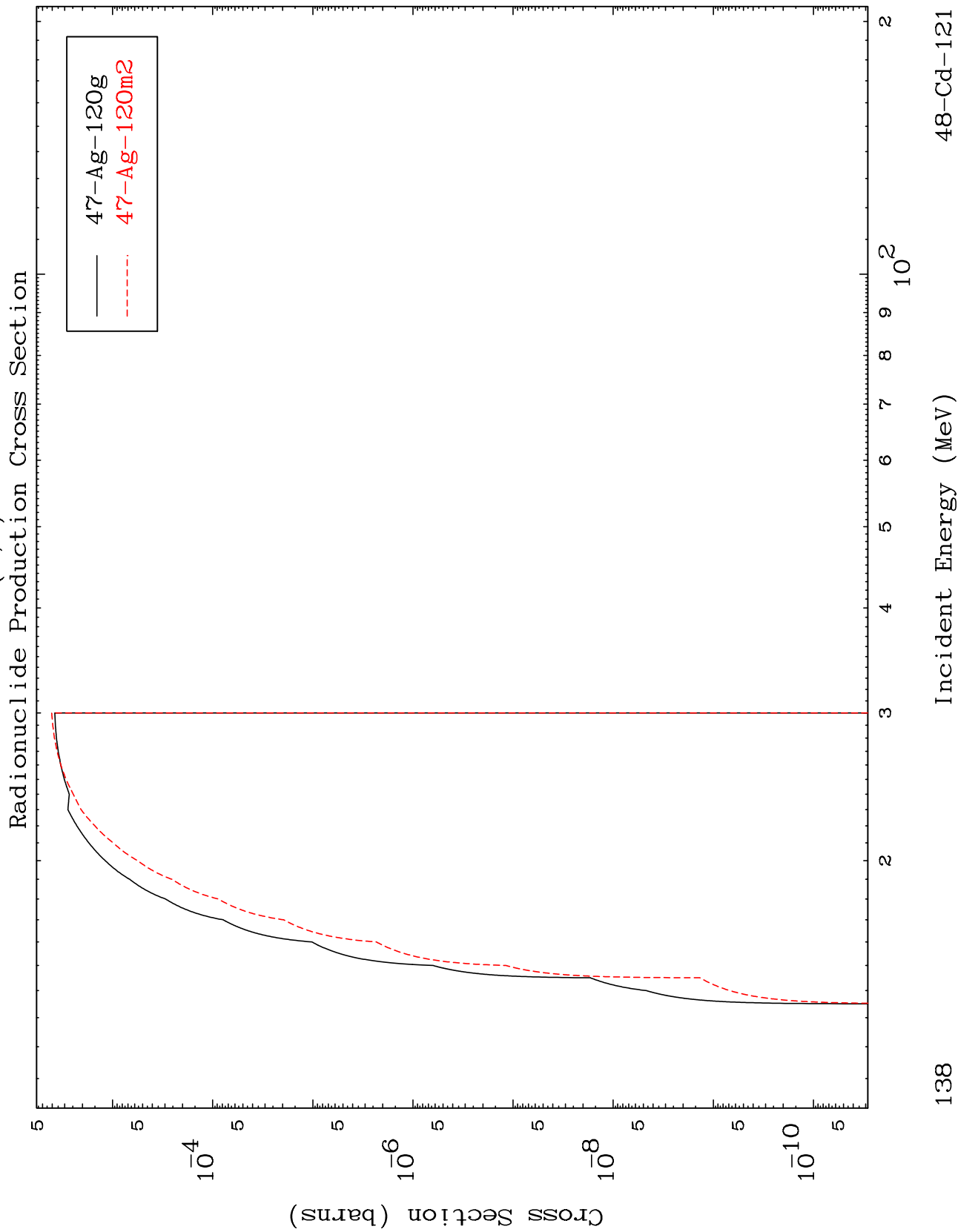
Radionuclide Production Cross Section



137

Incident Energy (MeV)

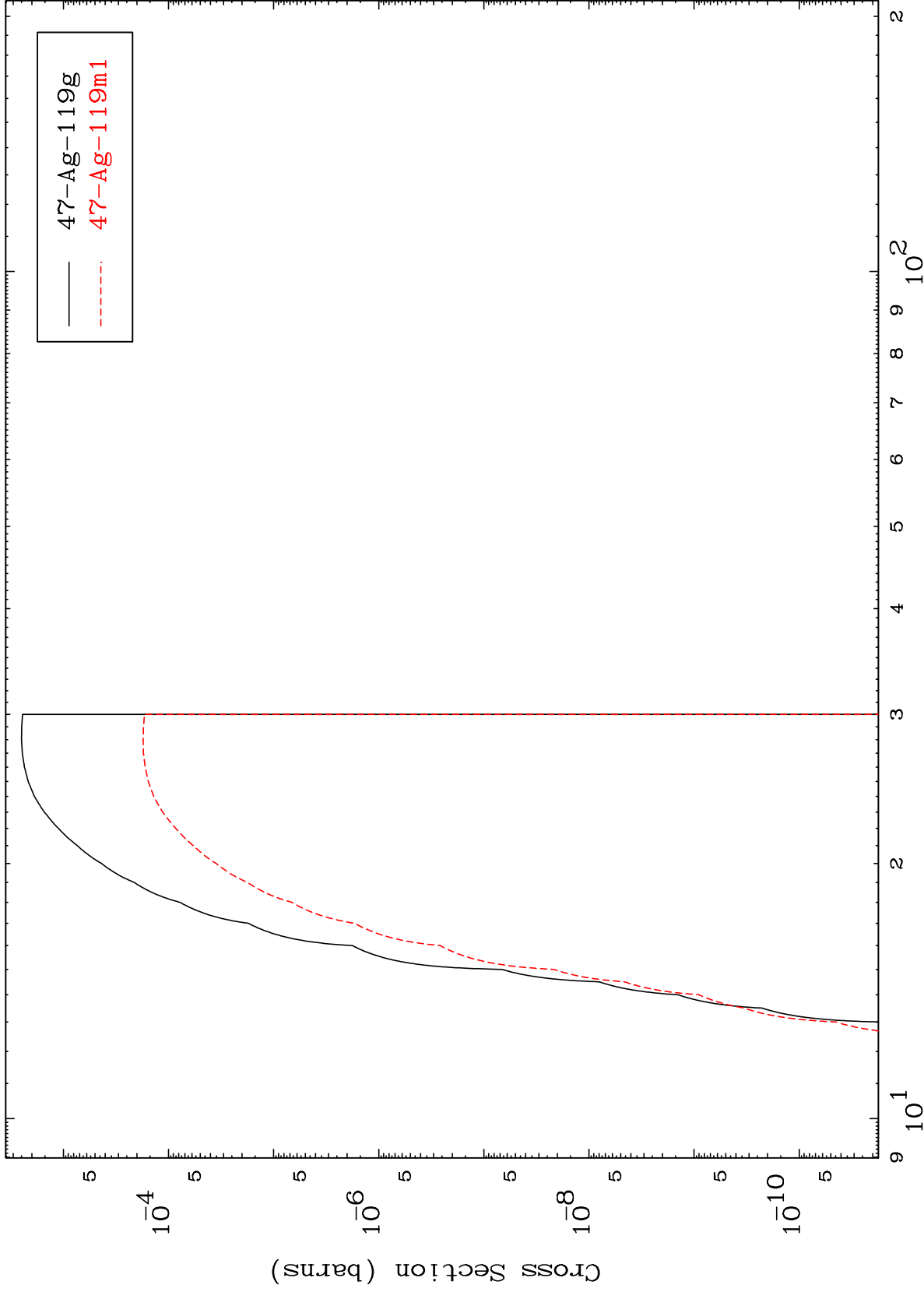
48-Cd-121



MAT 4870

48-Cd-121

(n, t)
Radionuclide Production Cross Section



48-Cd-121

Incident Energy (MeV)

139