

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

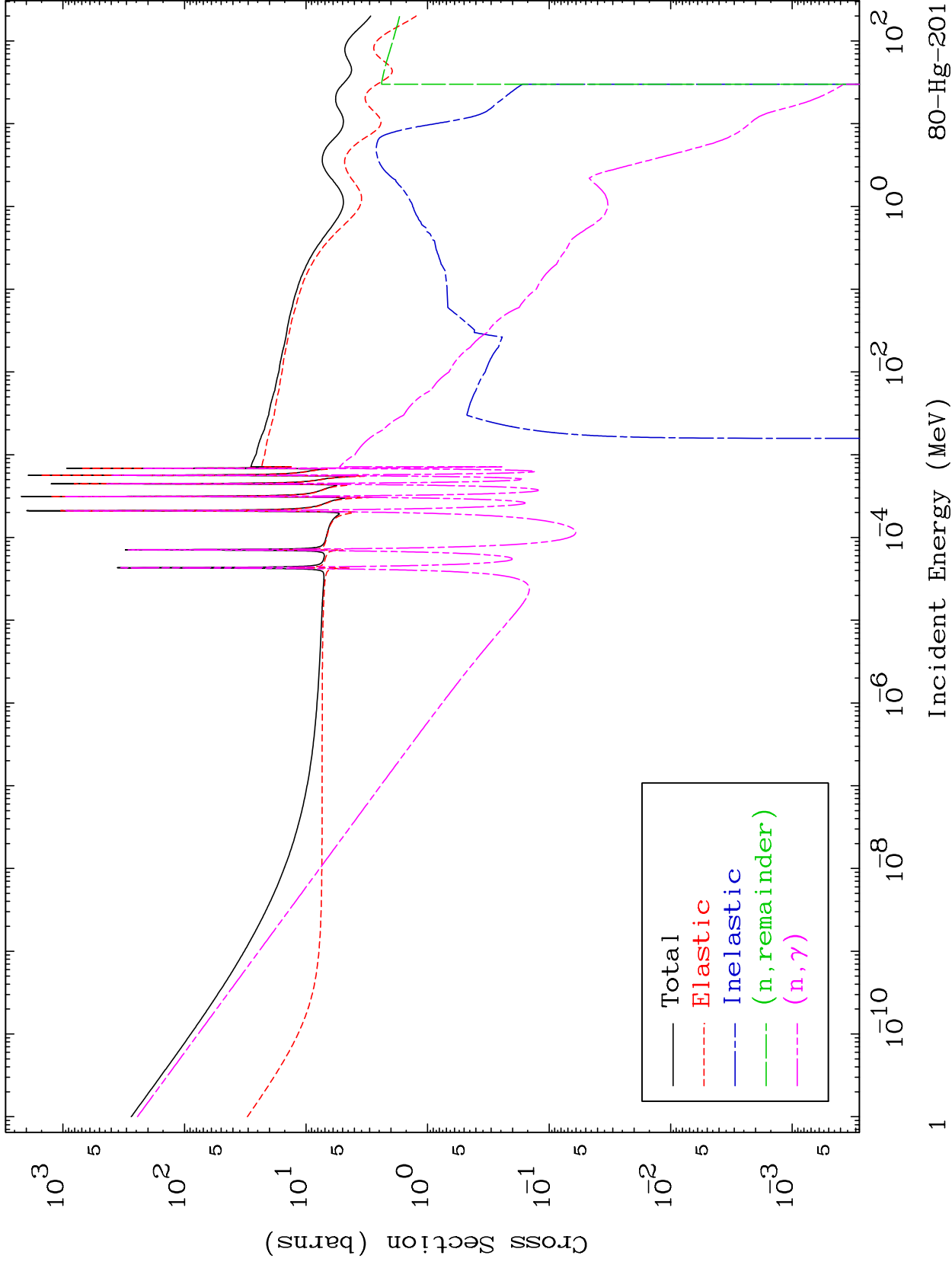
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8040

Major  
293 Kelvin Cross Sections

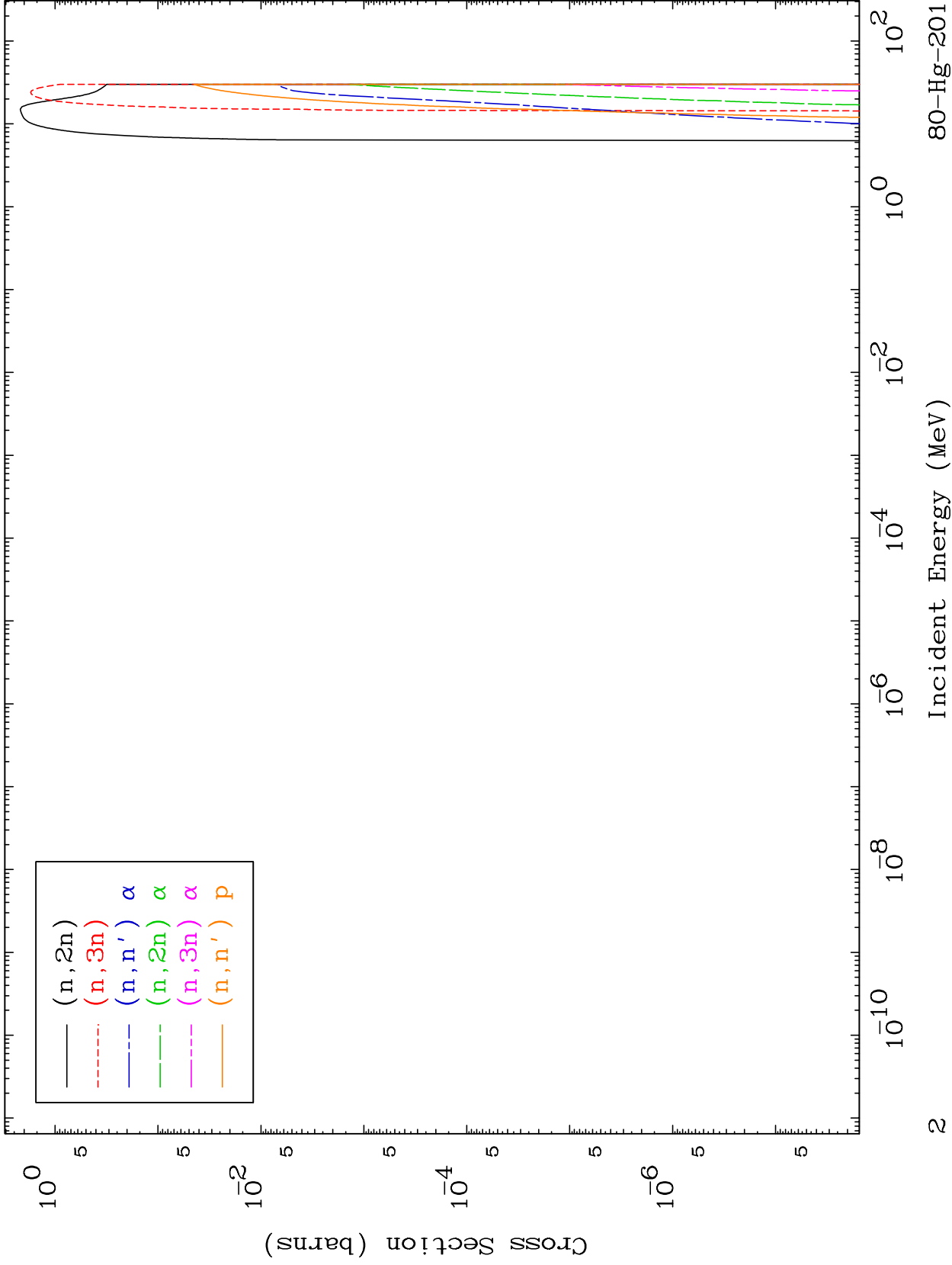
80-Hg-201



MAT 8040

Neutron Production  
293 Kelvin Cross Sections

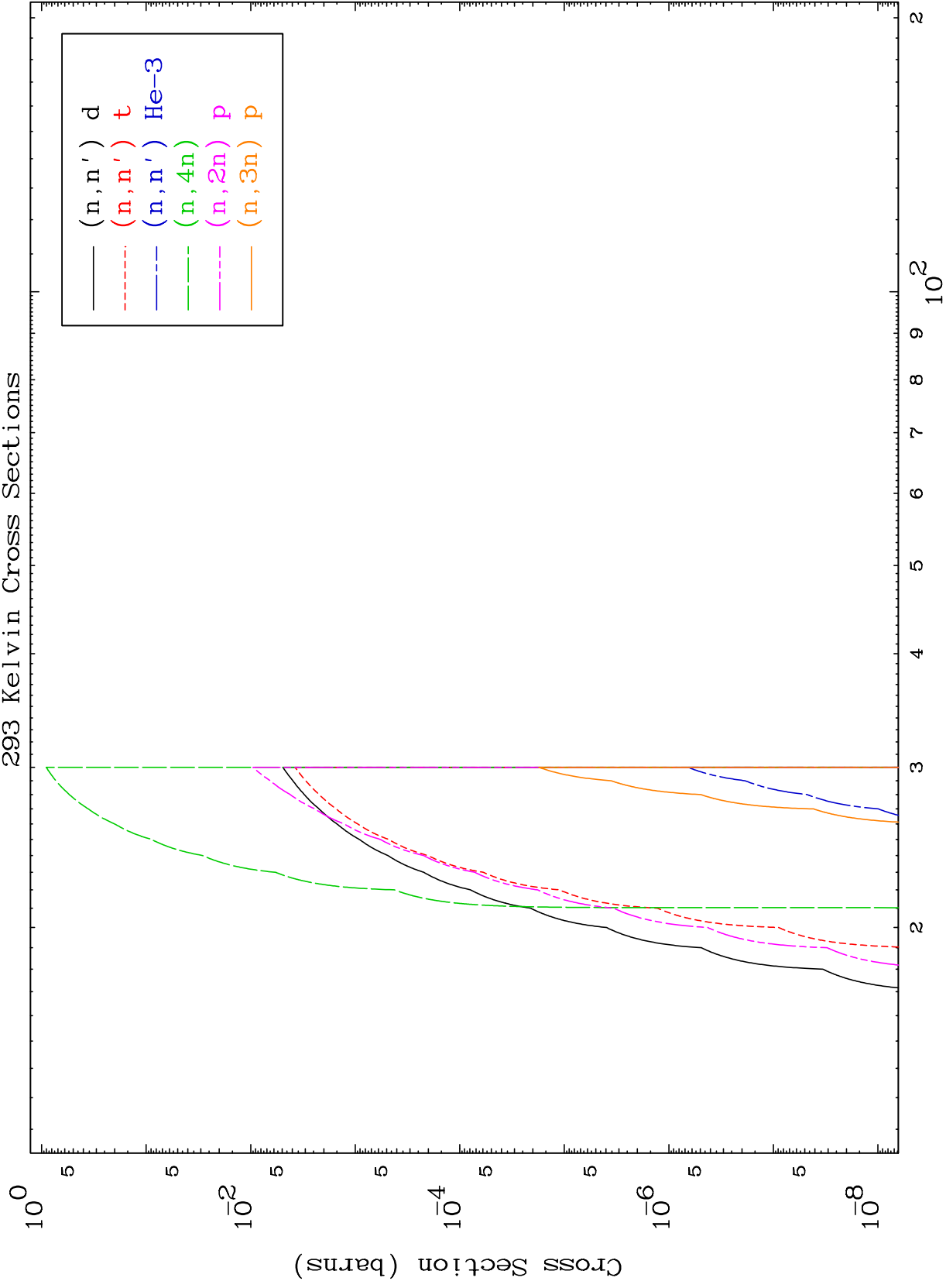
80-Hg-201



MAT 8040

Neutron Production  
293 Kelvin Cross Sections

80-Hg-201



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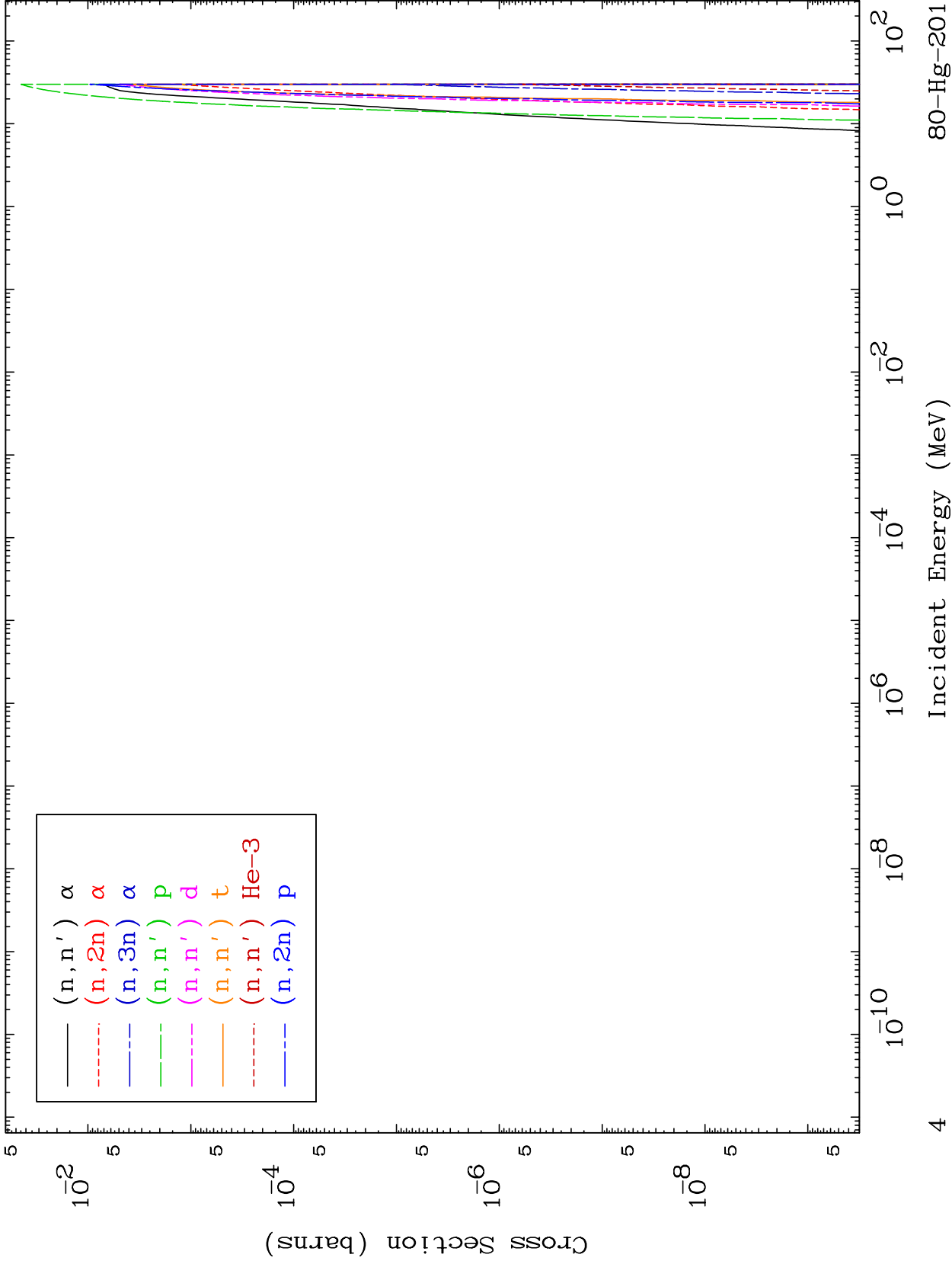
Incident Energy (MeV)

80-Hg-201

MAT 8040

Charged Particle  
293 Kelvin Cross Sections

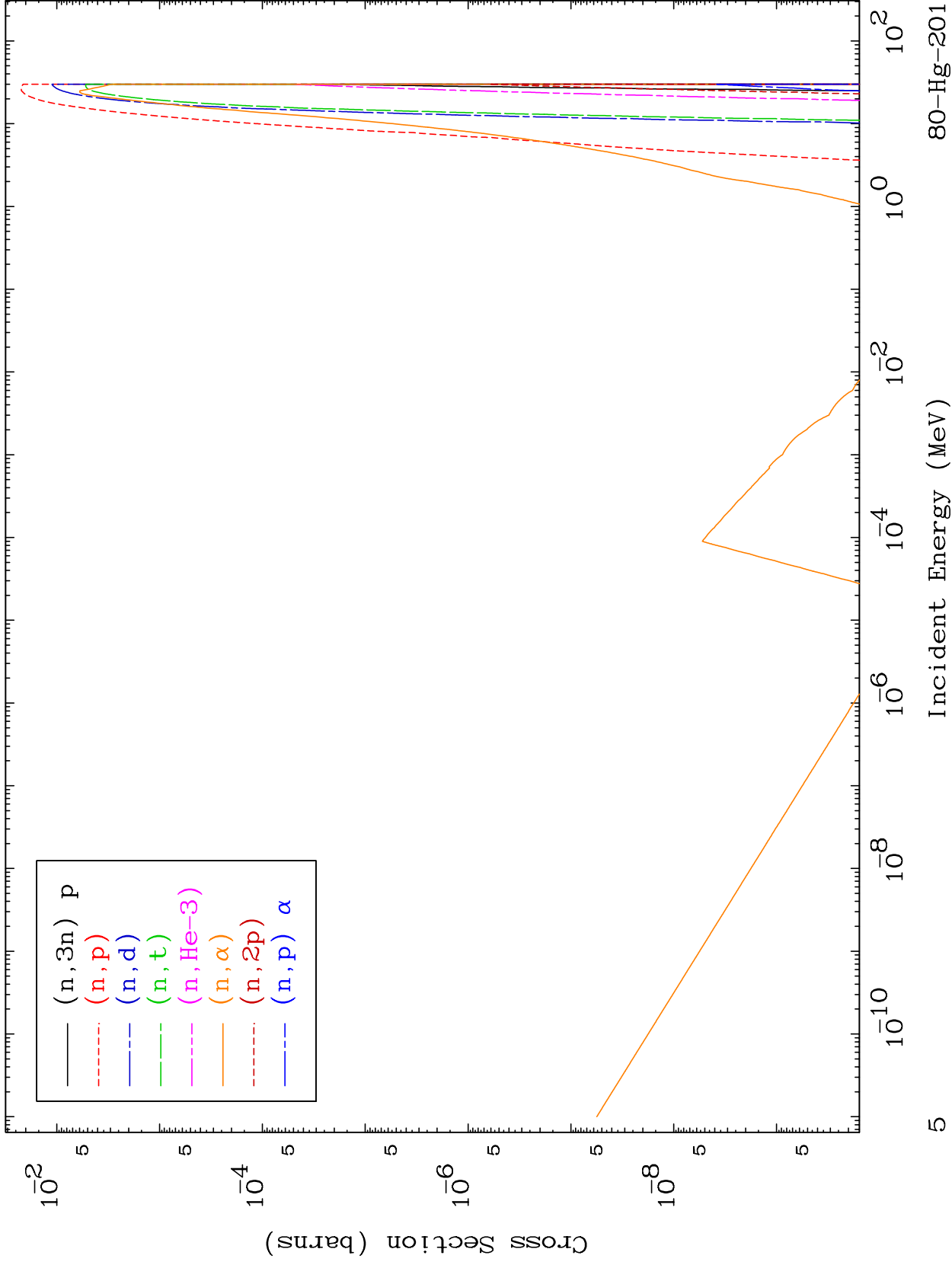
80-Hg-201



MAT 8040

Charged Particle  
293 Kelvin Cross Sections

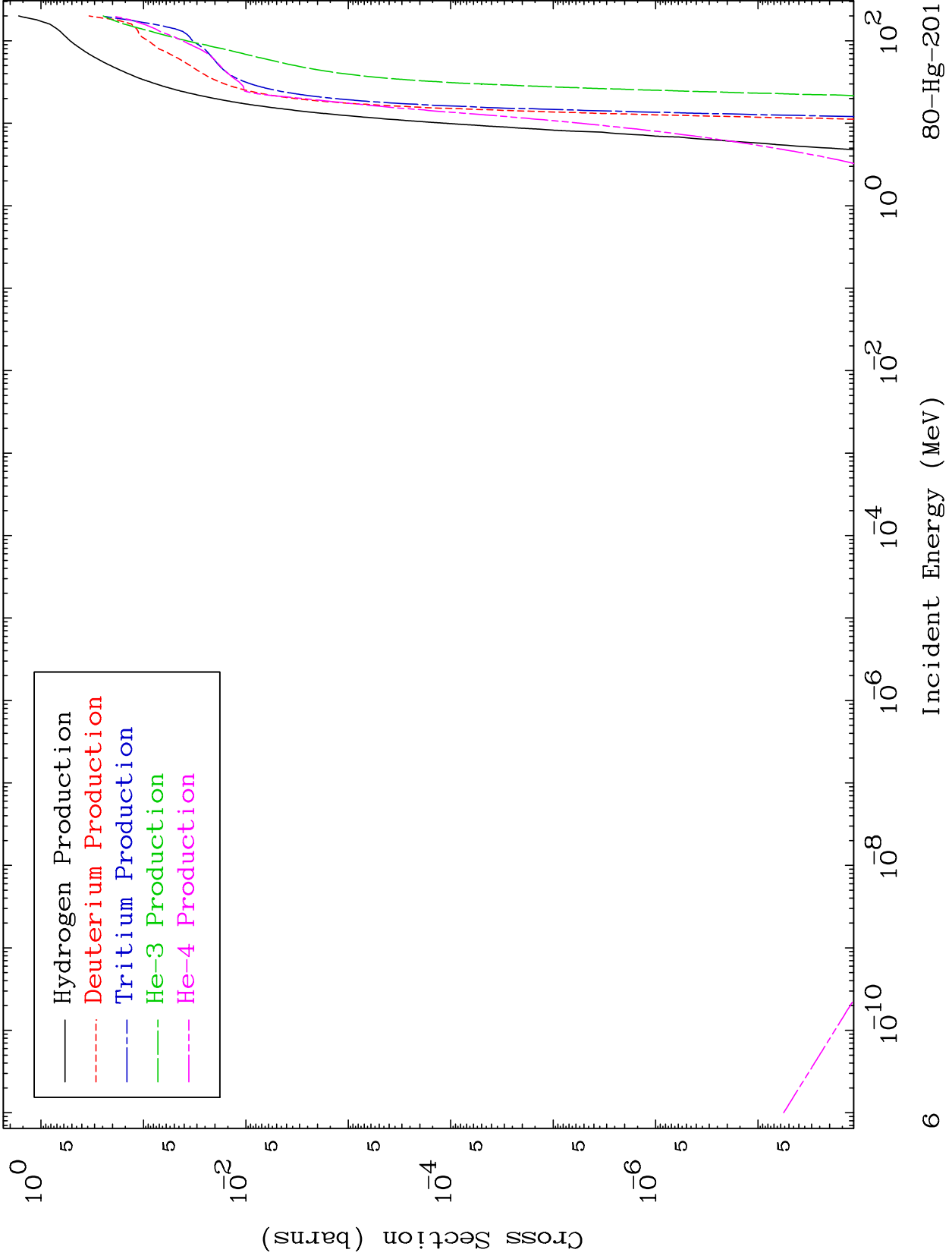
80-Hg-201



MAT 8040

Particle Production  
293 Kelvin Cross Sections

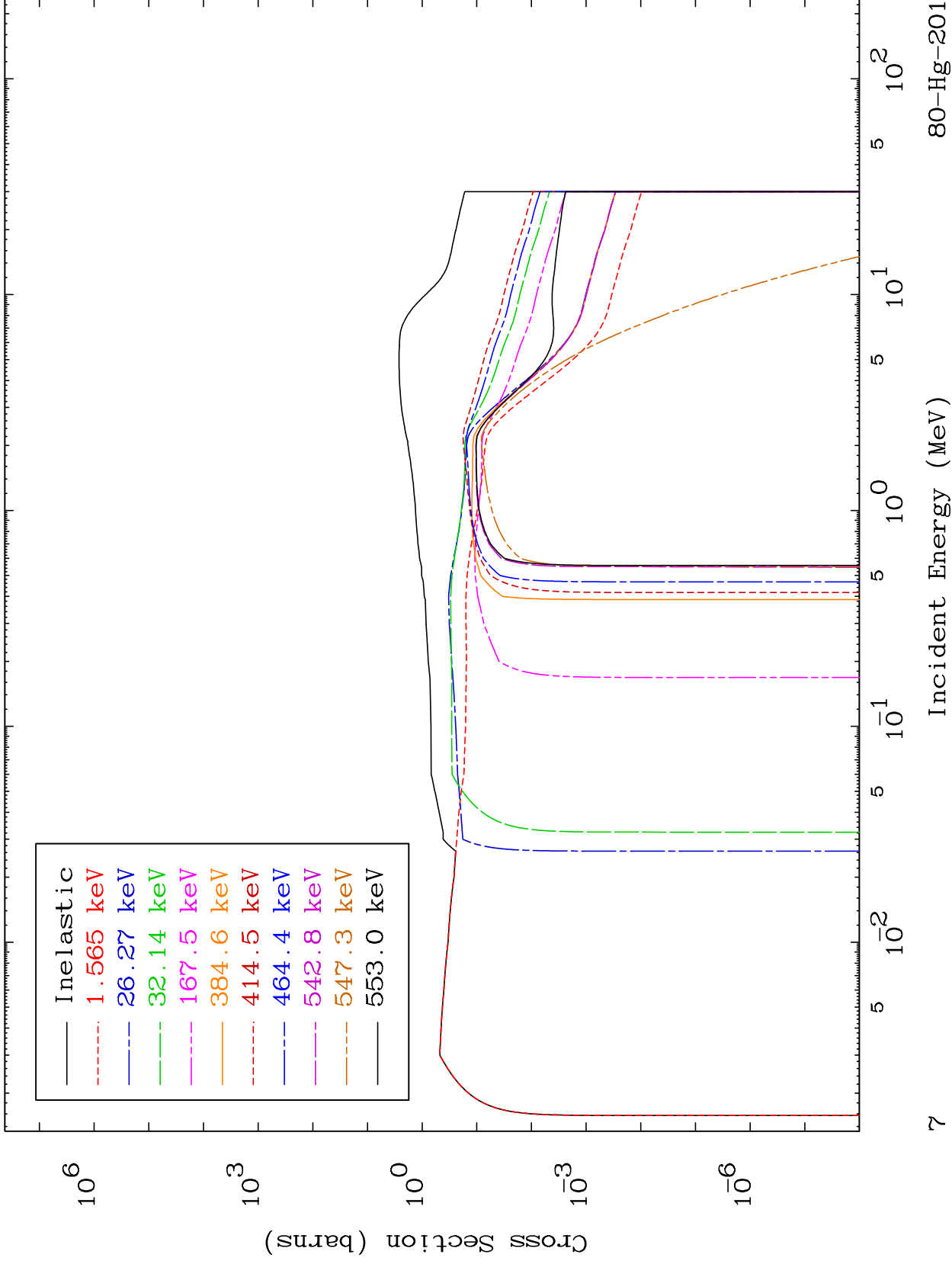
80-Hg-201



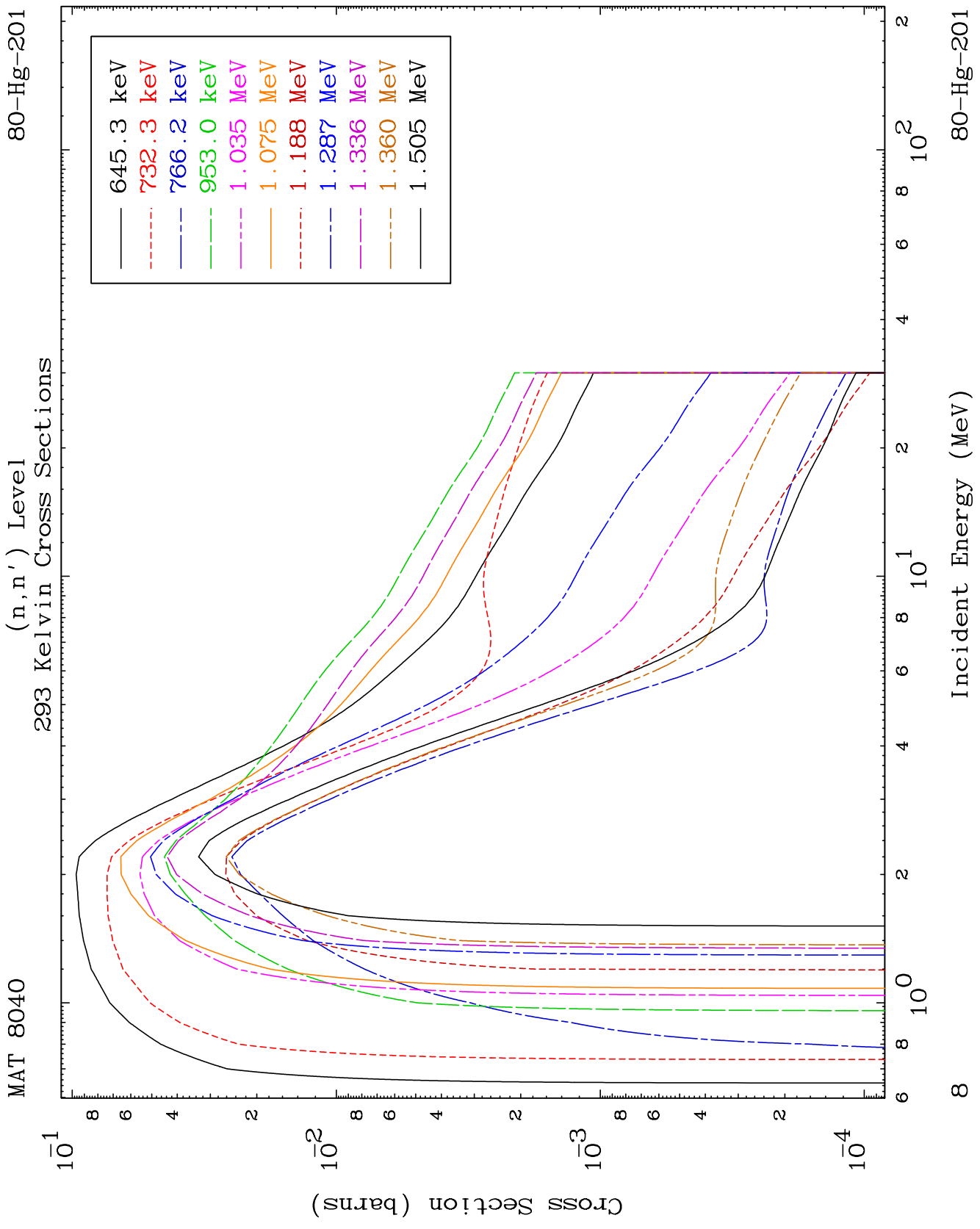
MAT 8040

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-201







80-Hg-201

Incident Energy (MeV)

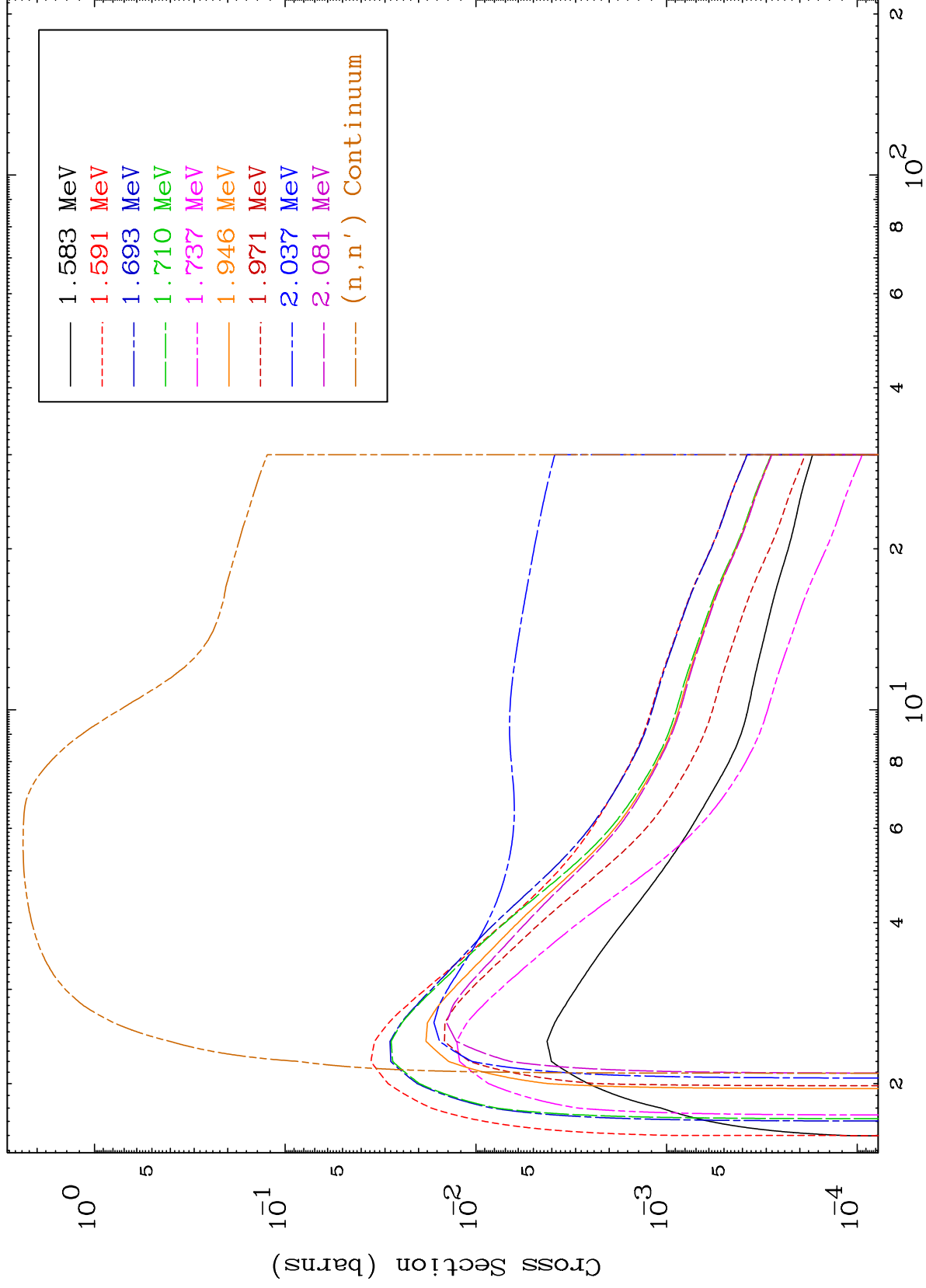
8

MAT 8040

(n,n') Level

80-Hg-201

293 Kelvin Cross Sections



9

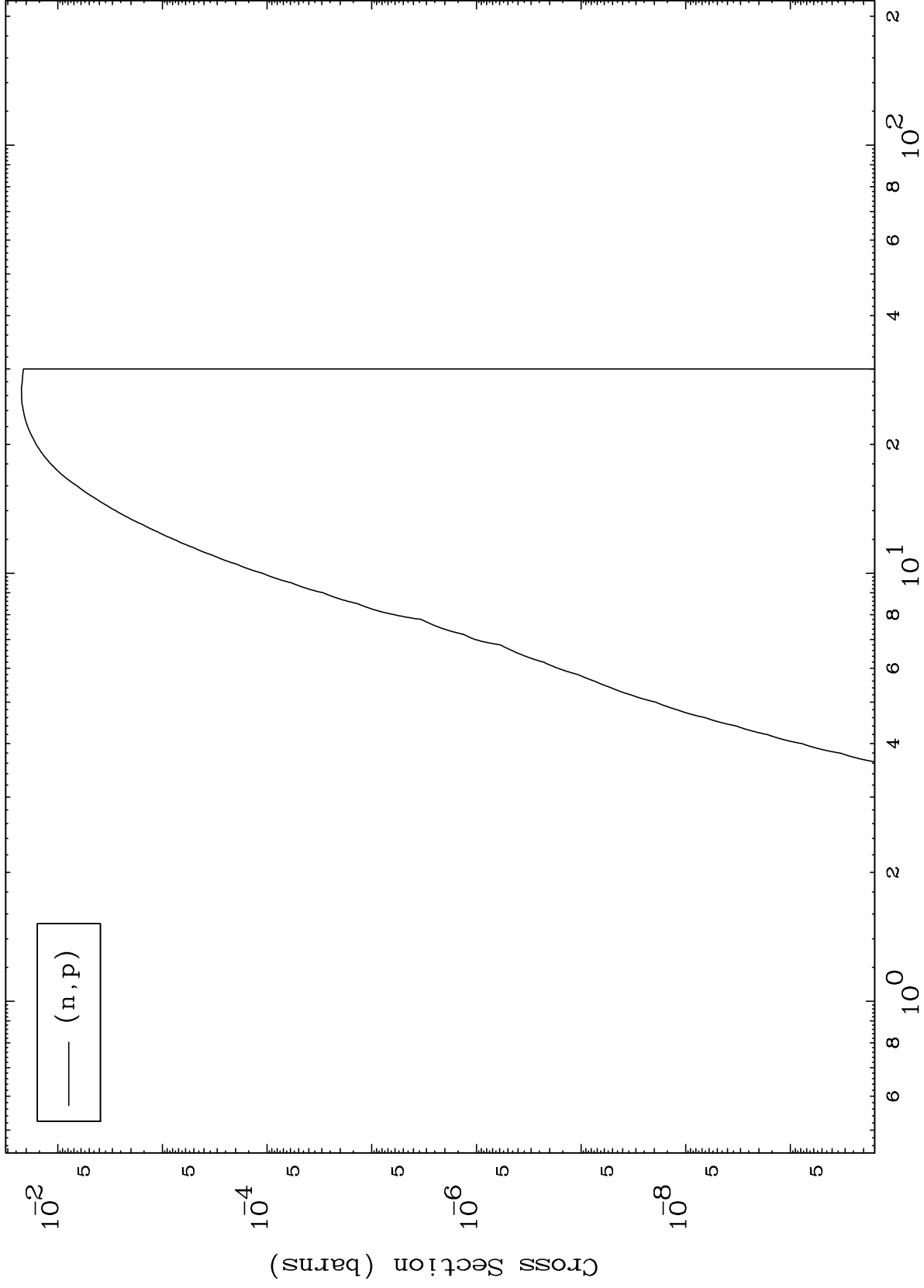
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-201



10

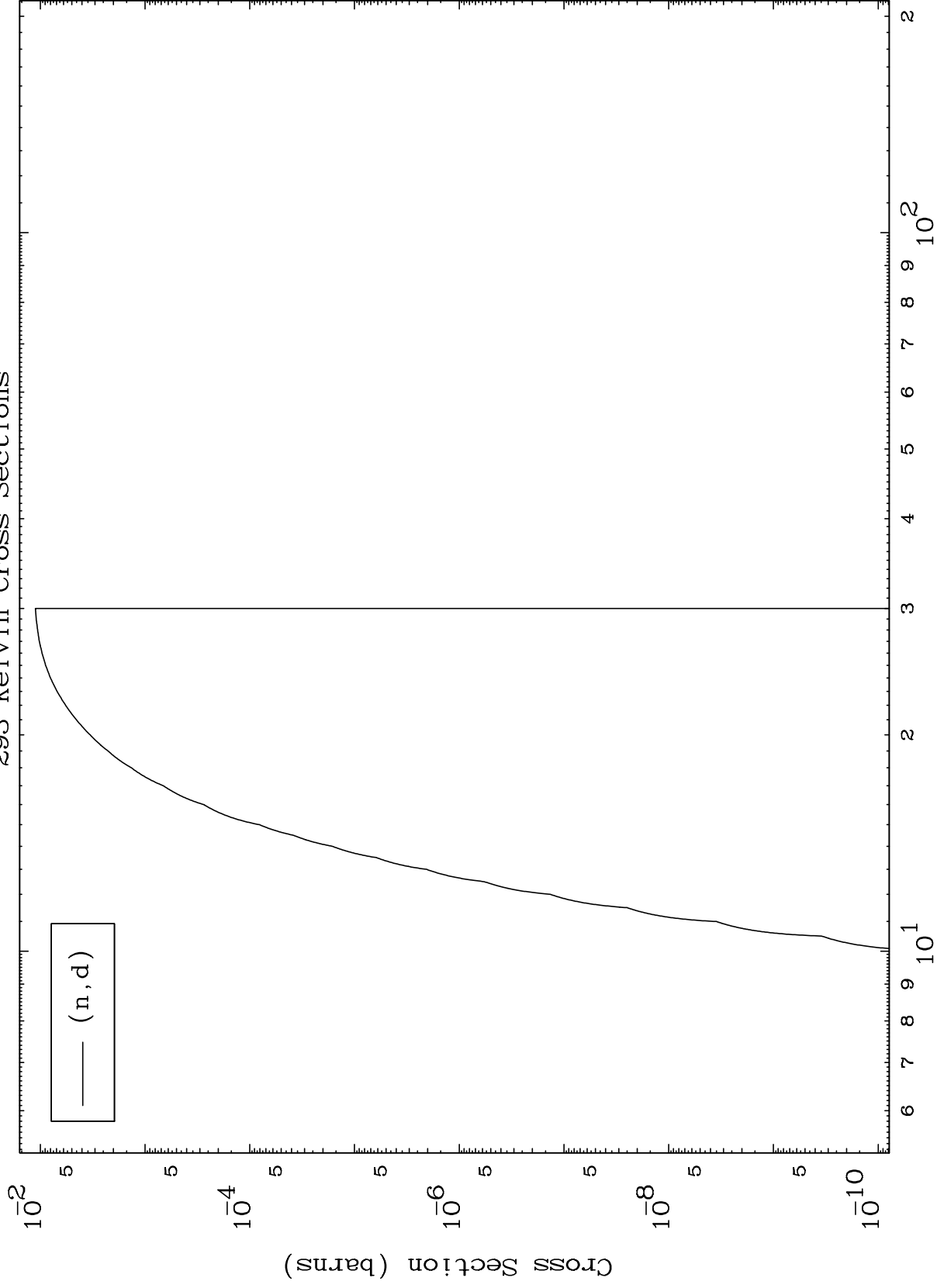
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-201



11

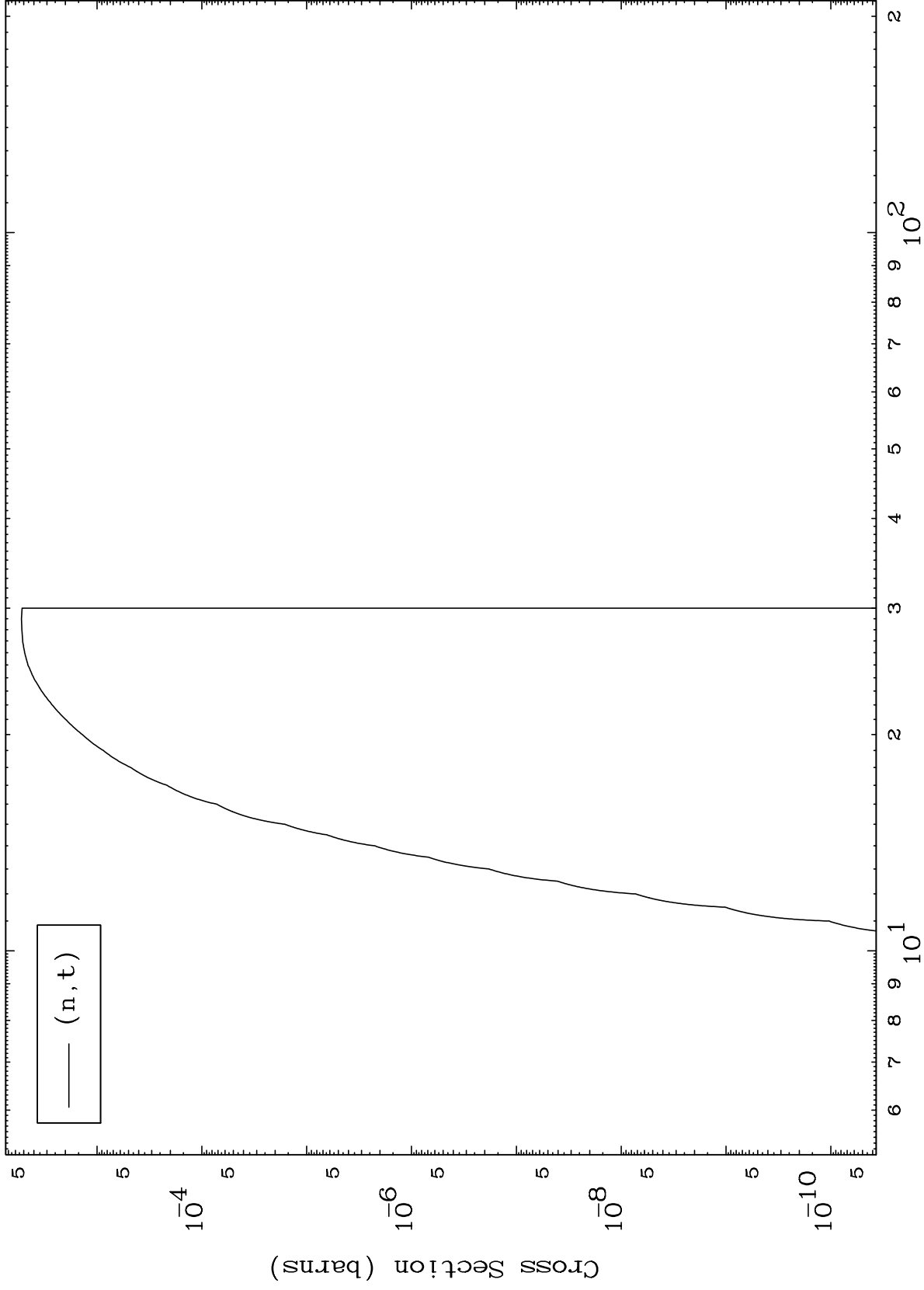
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-201



12

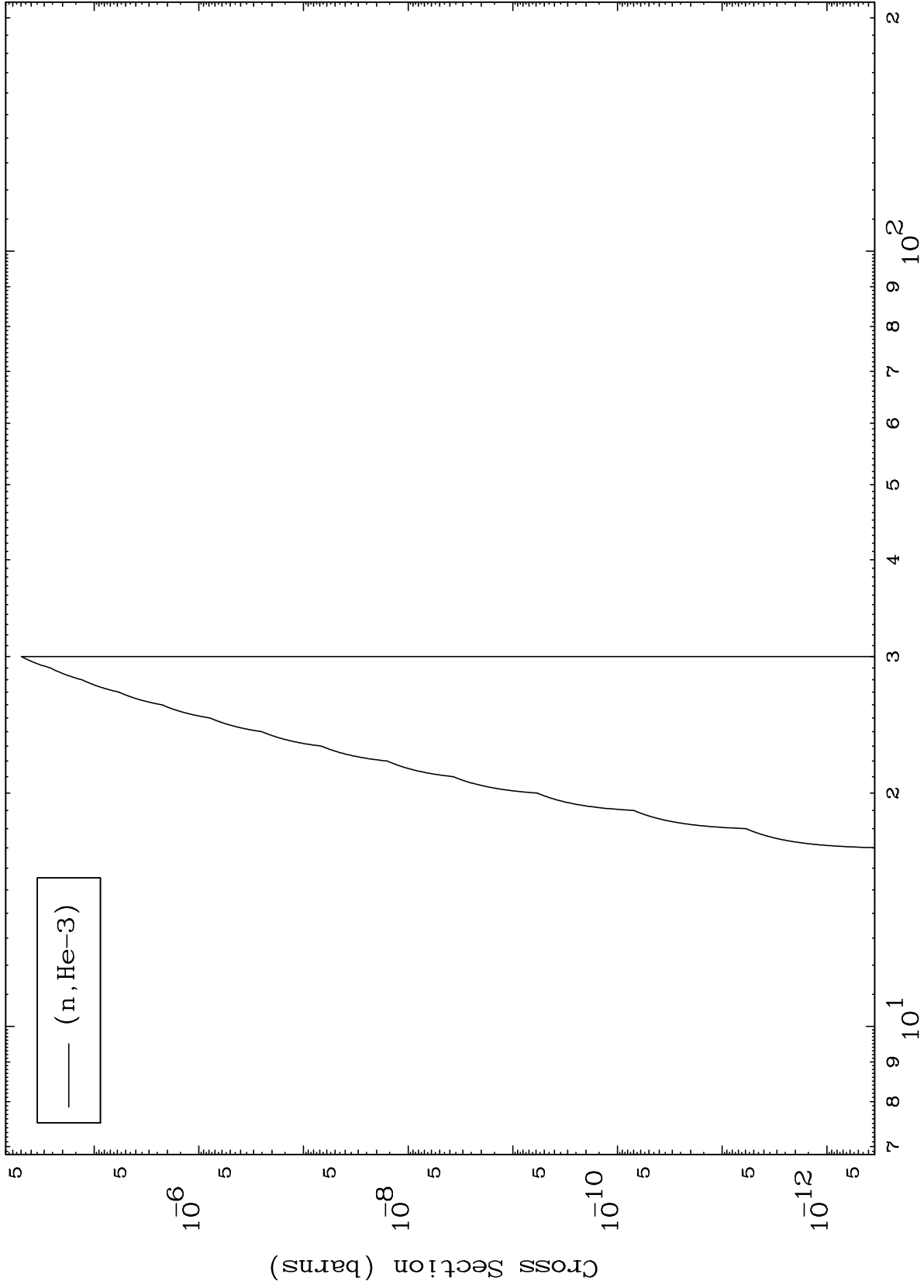
Incident Energy (MeV)

80-Hg-201

MAT 8040

(n,He3) Levels  
293 Kelvin Cross Sections

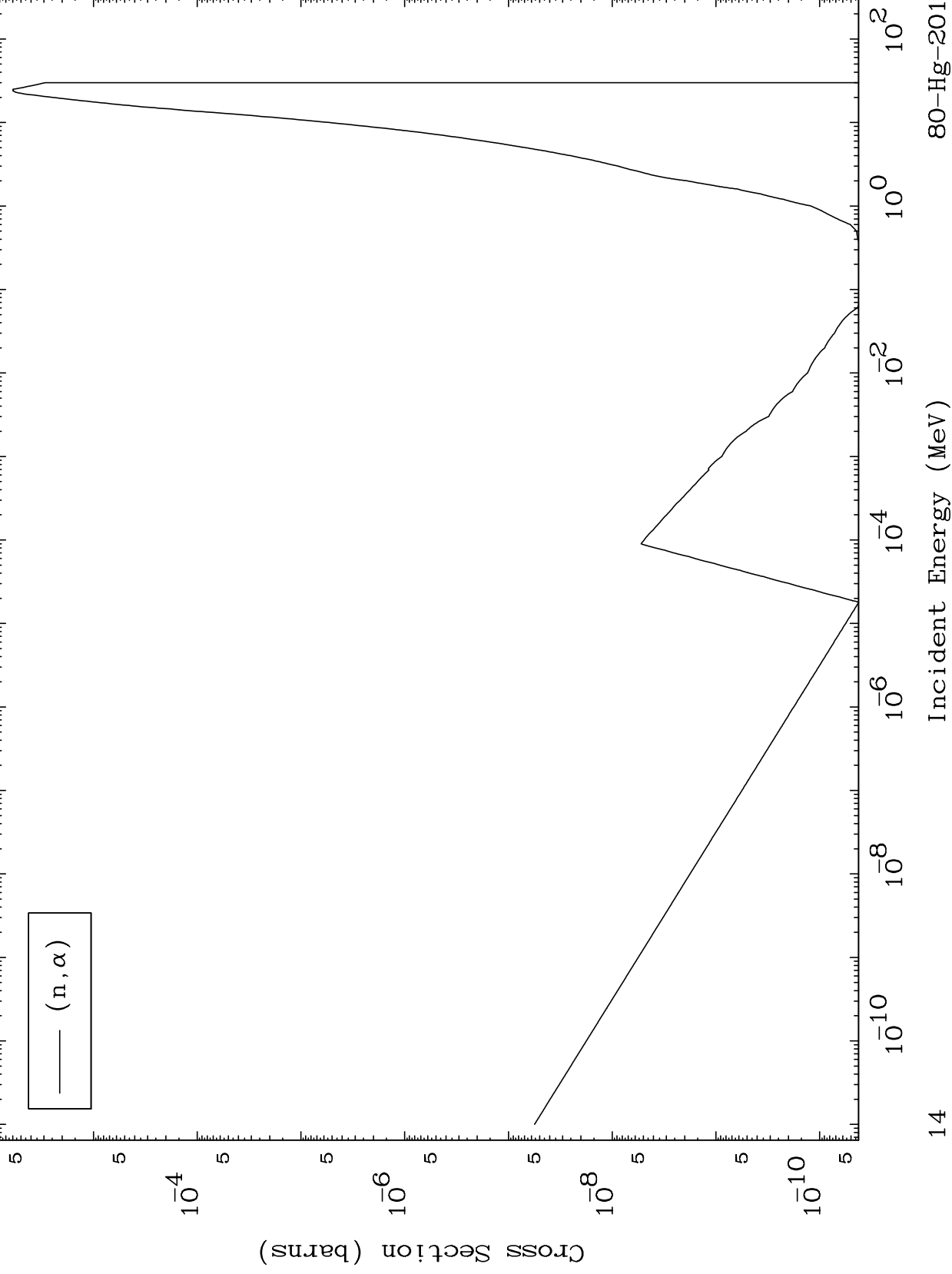
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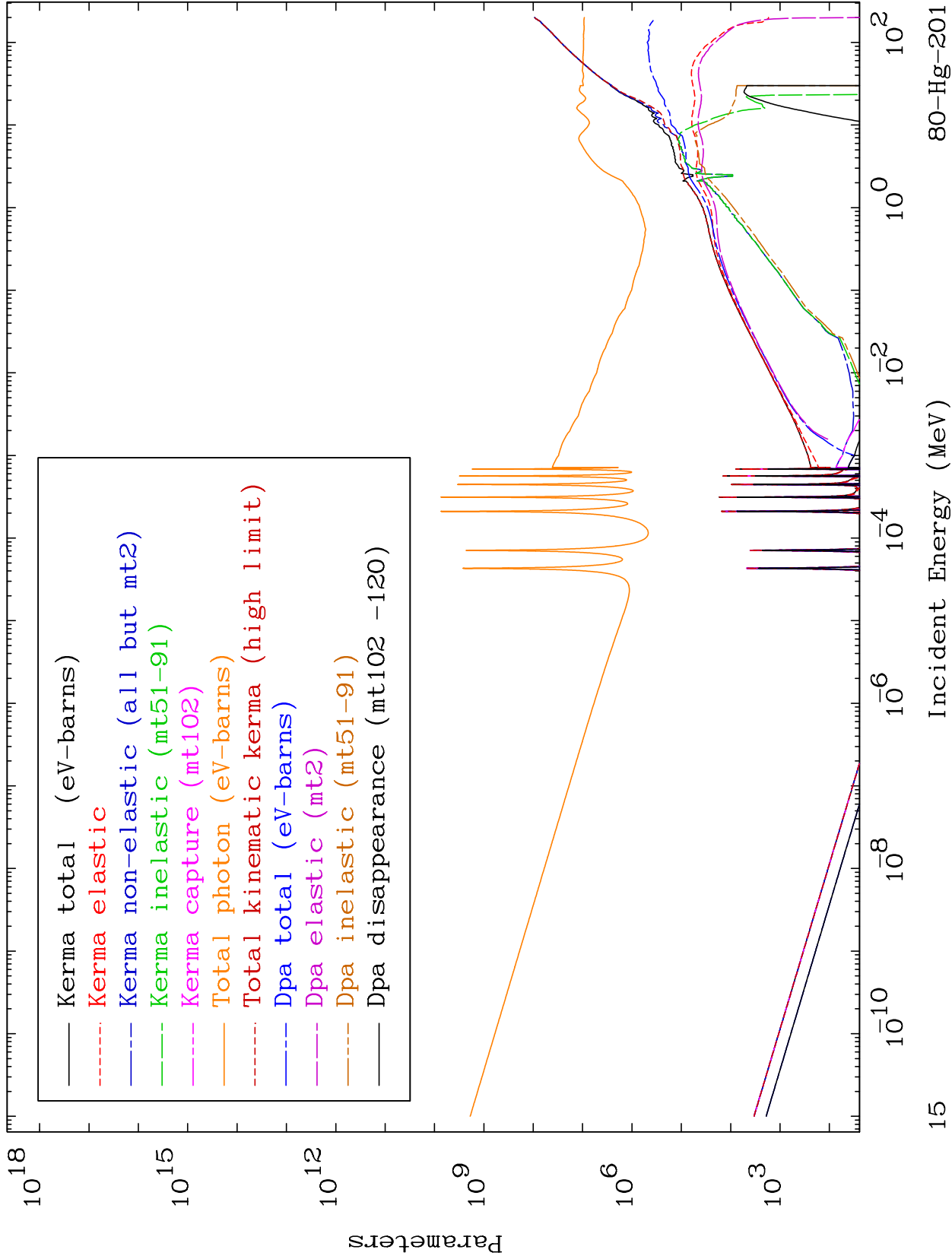


MAT 8040

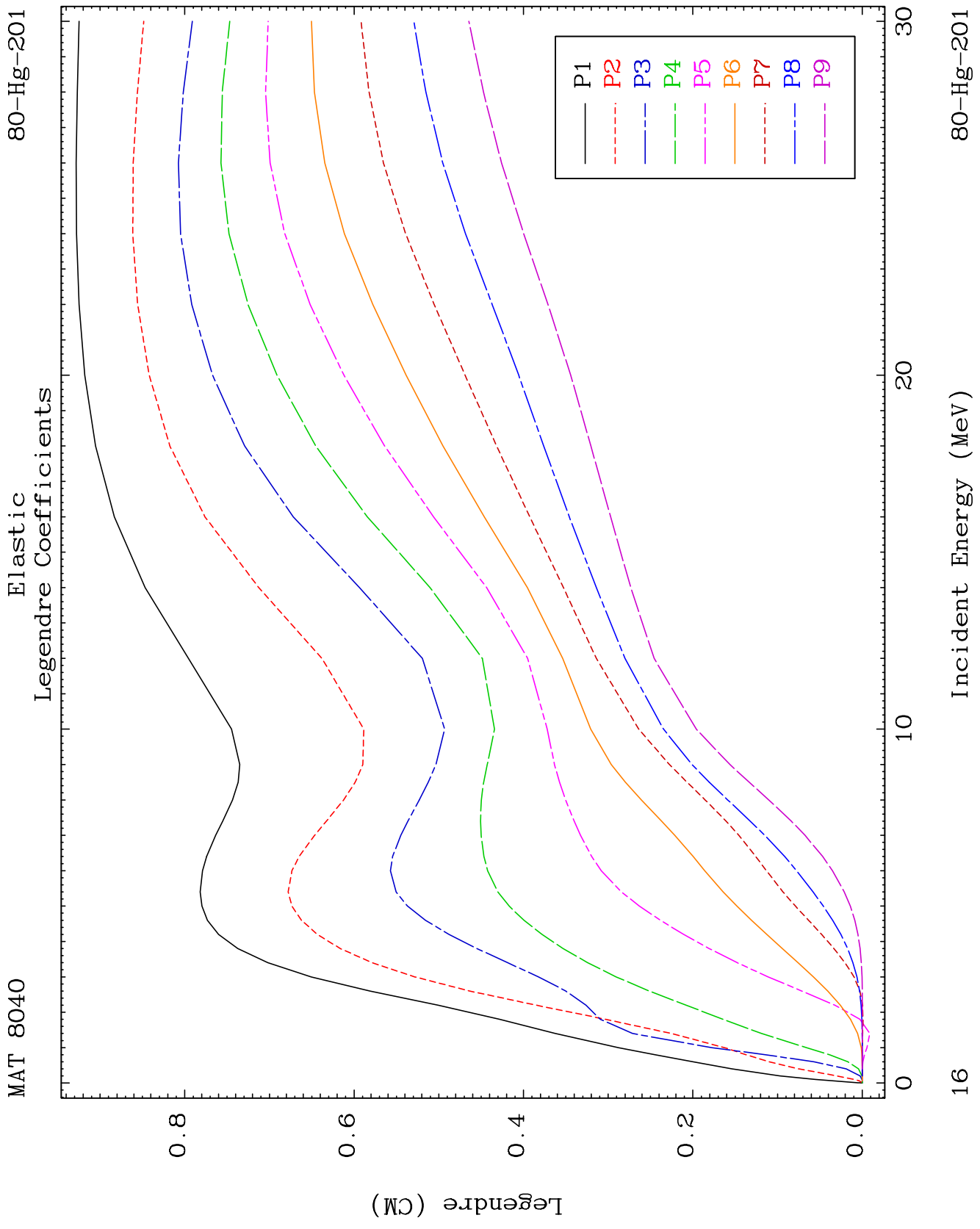
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

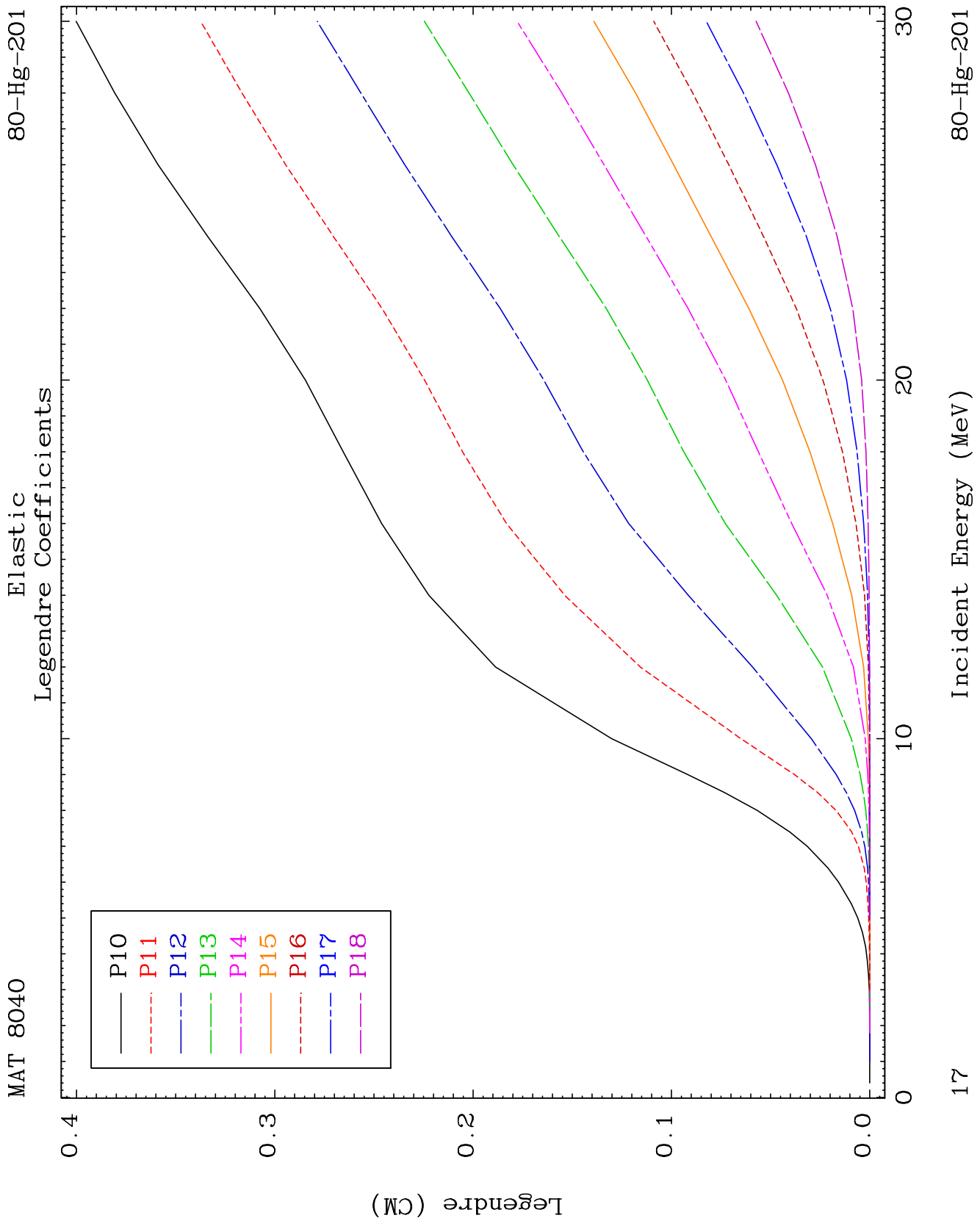
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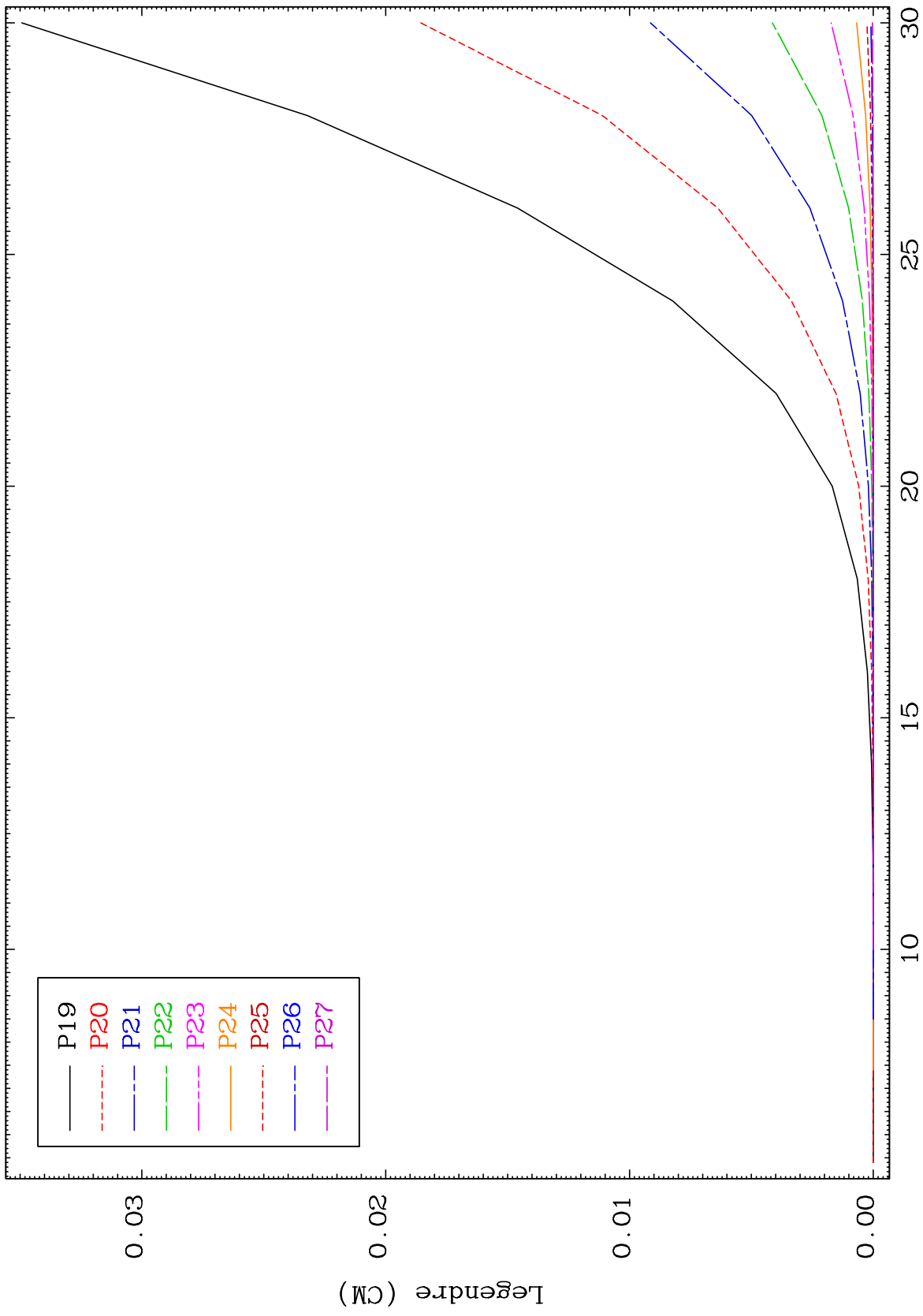




MAT 8040

Elastic Legendre Coefficients

80-Hg-201



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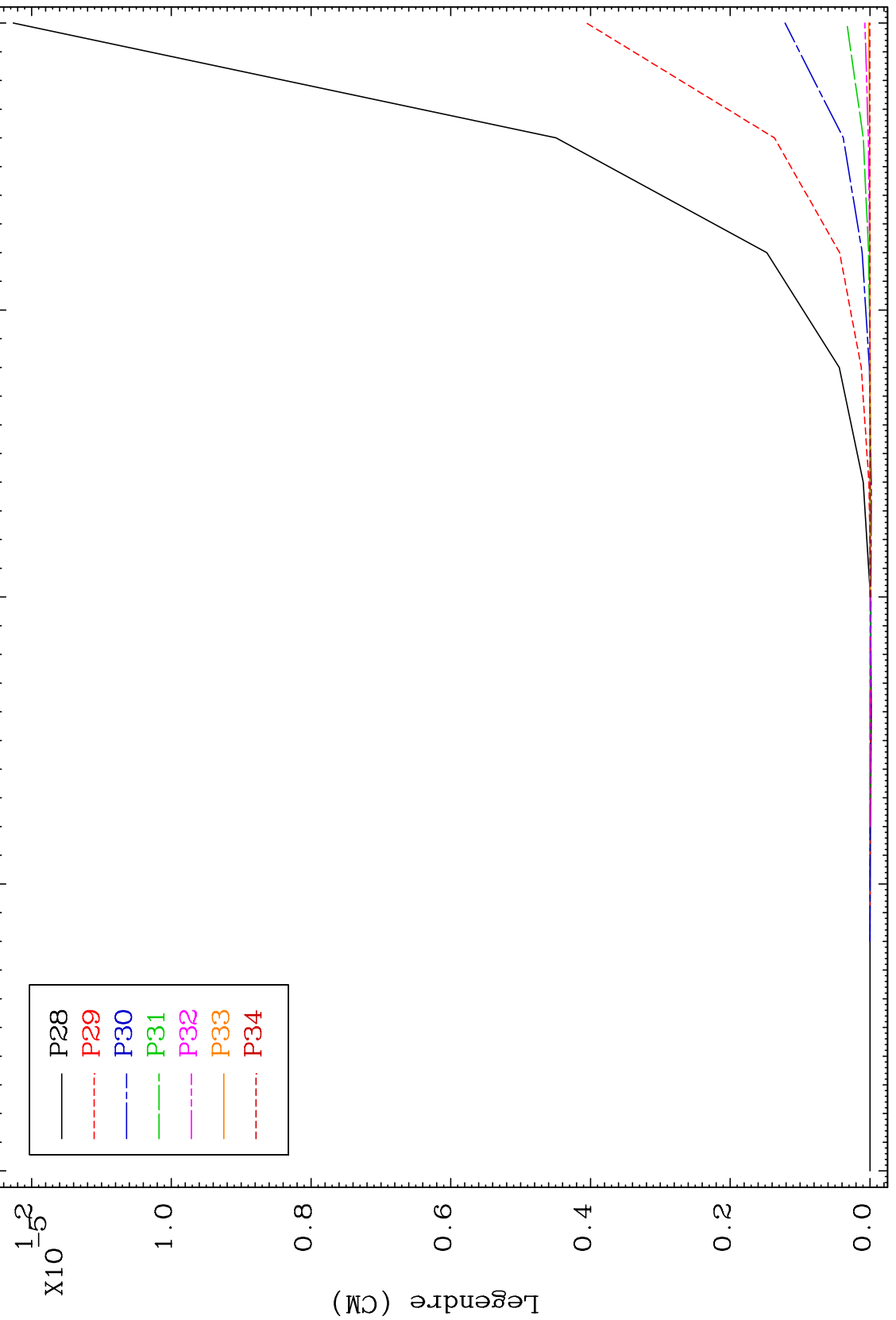
Incident Energy (MeV)

80-Hg-201

MAT 8040

Elastic Legendre Coefficients

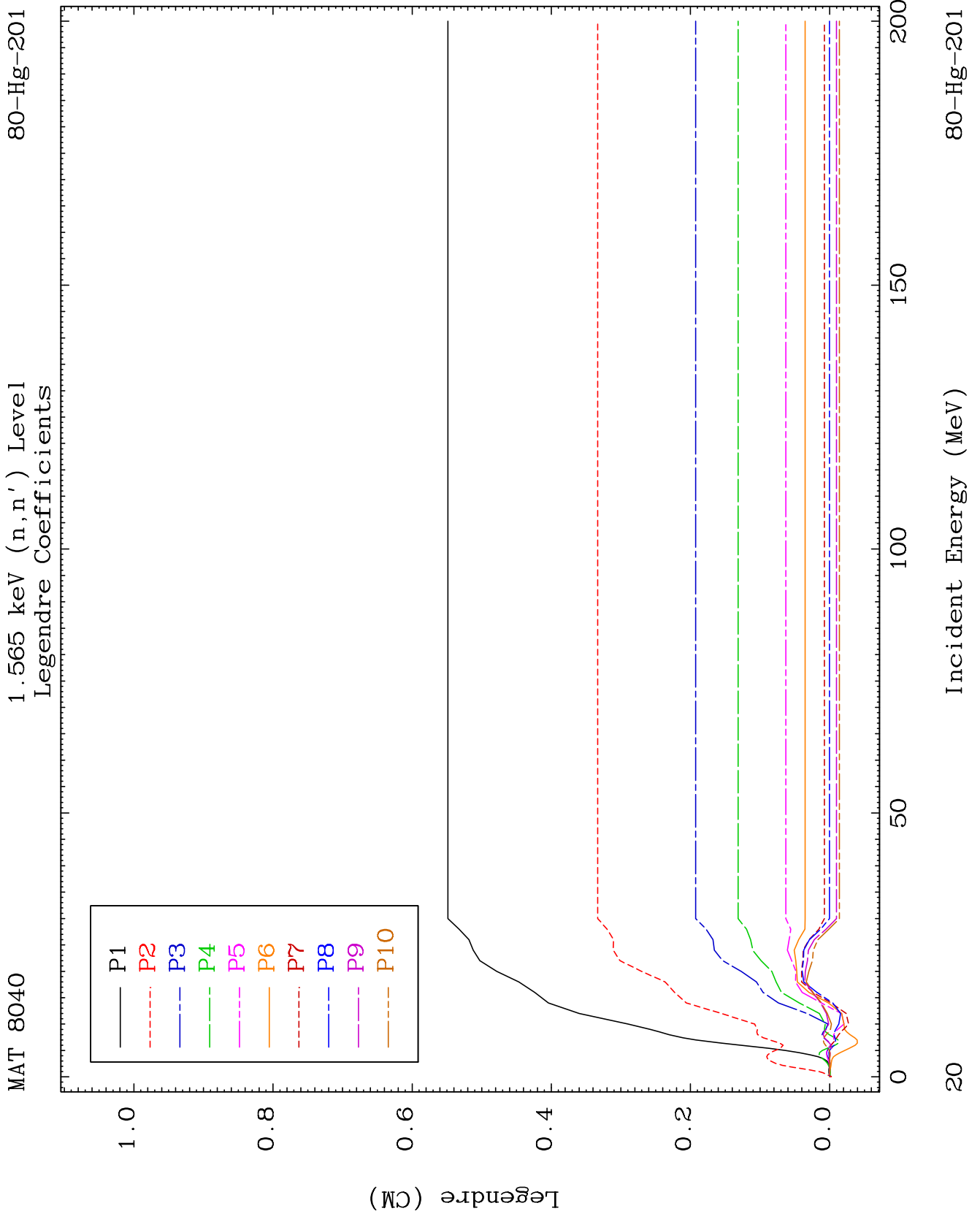
80-Hg-201

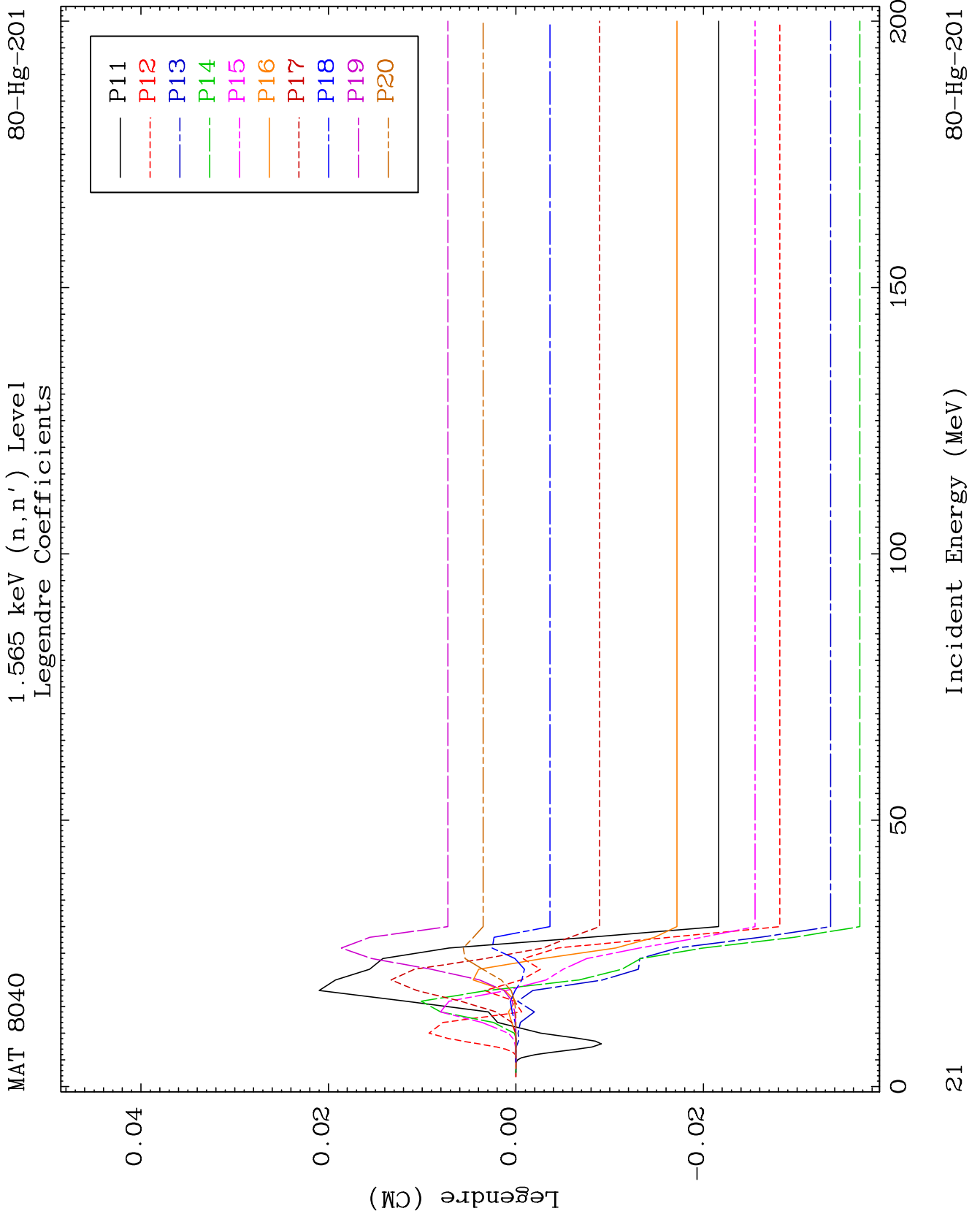


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Incident Energy (MeV)

80-Hg-201

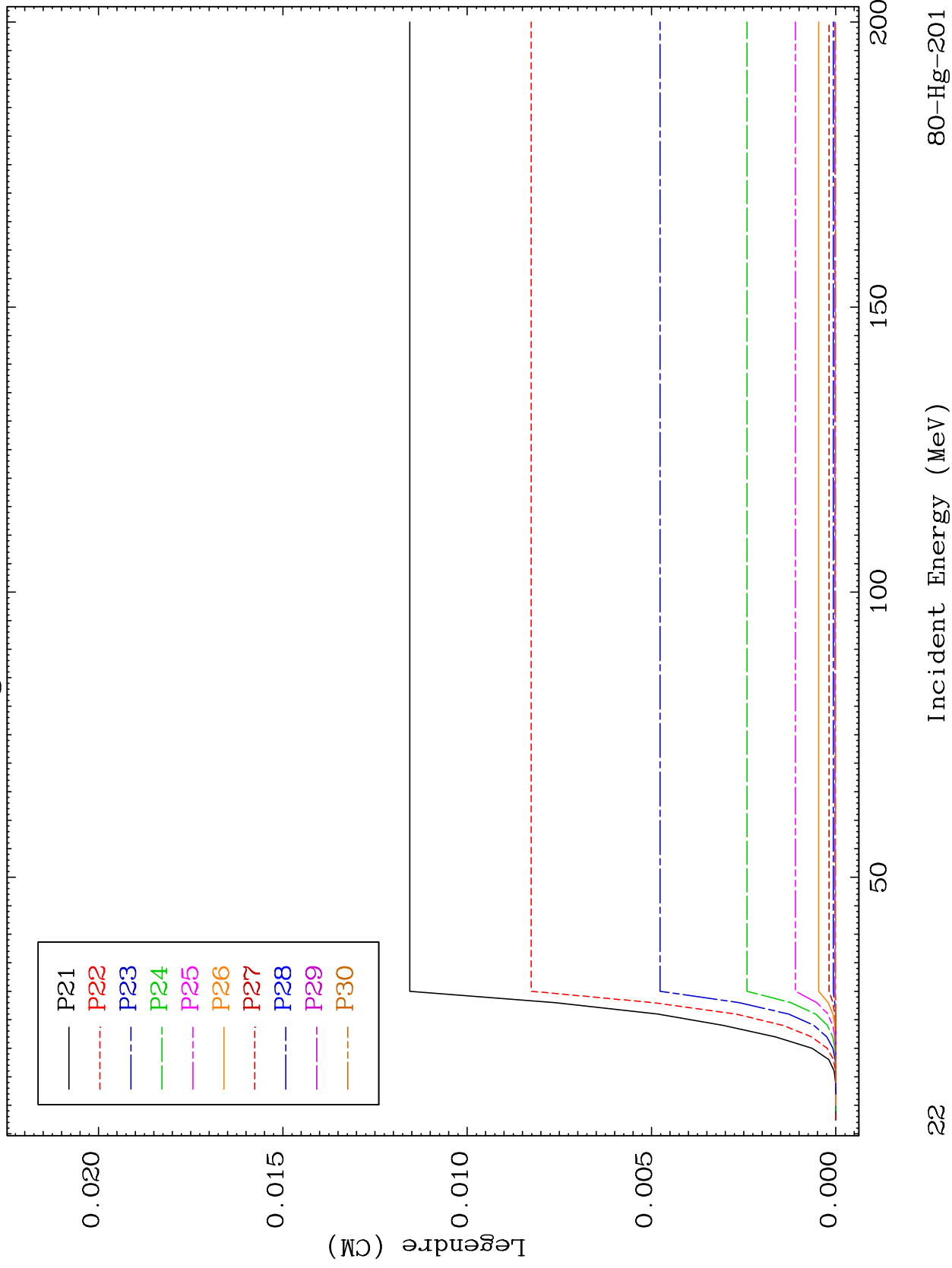




MAT 8040

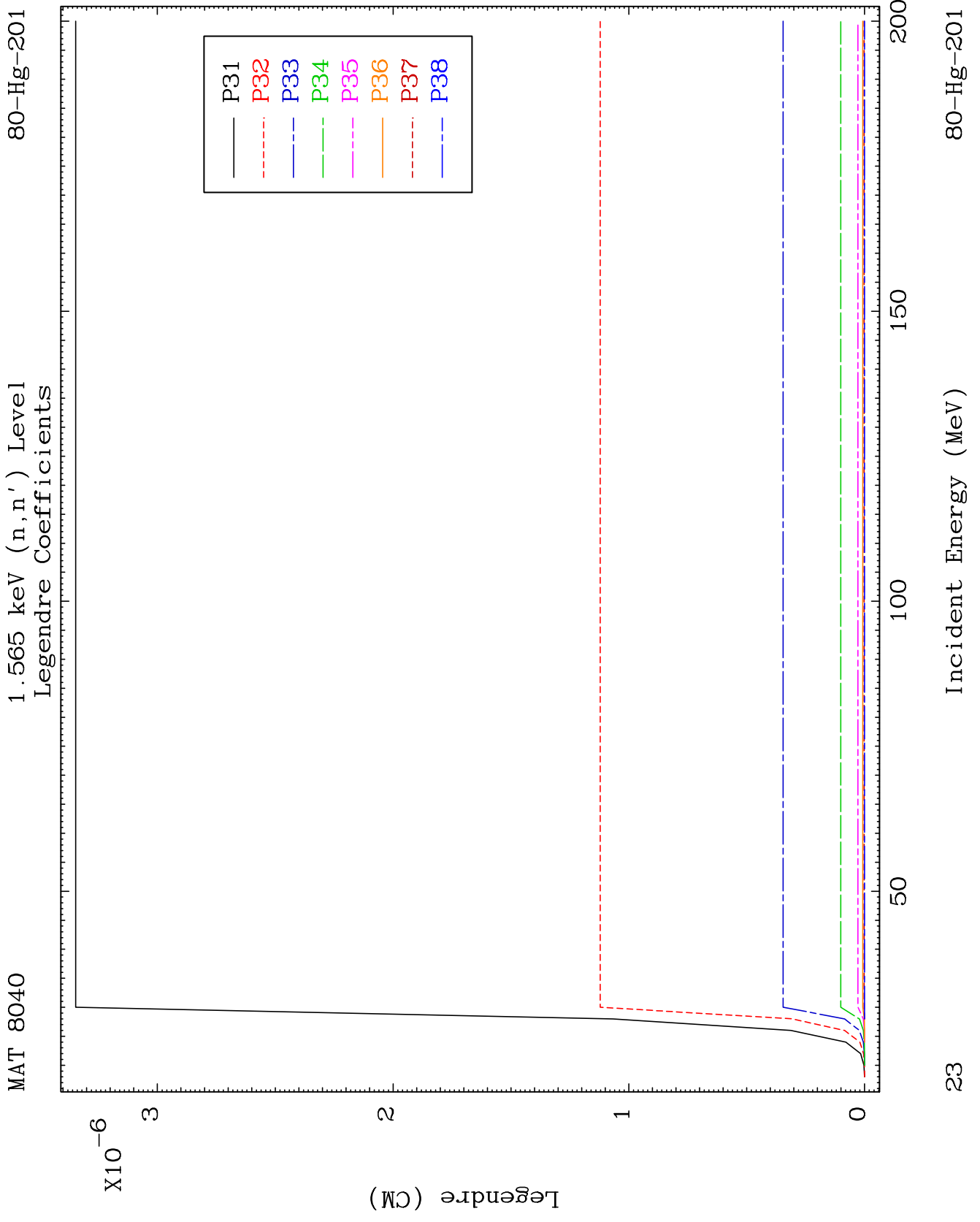
1.565 keV (n,n') Level  
Legendre Coefficients

80-Hg-201



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80-Hg-201

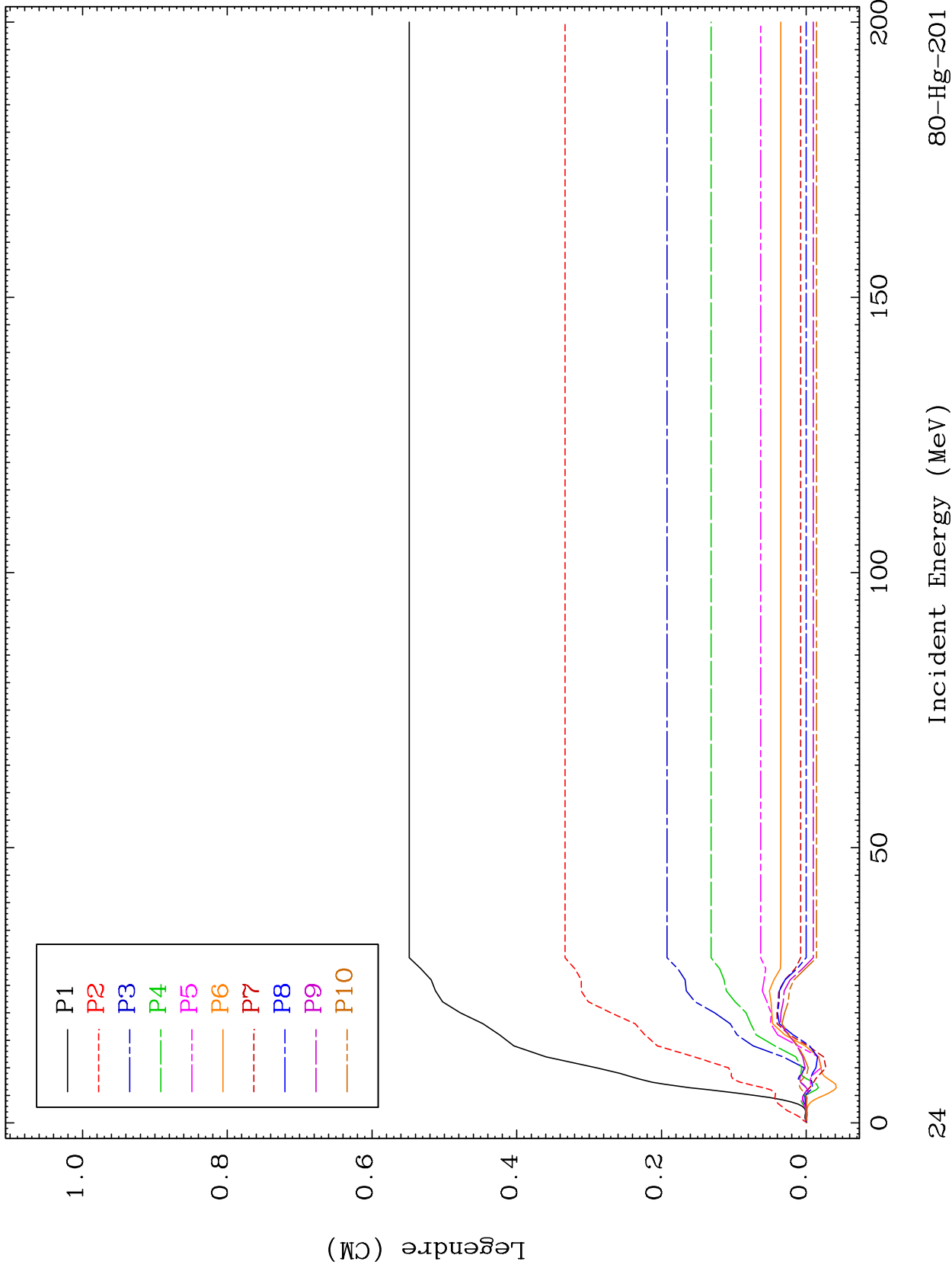




MAT 8040

26.27 keV (n,n') Level  
Legendre Coefficients

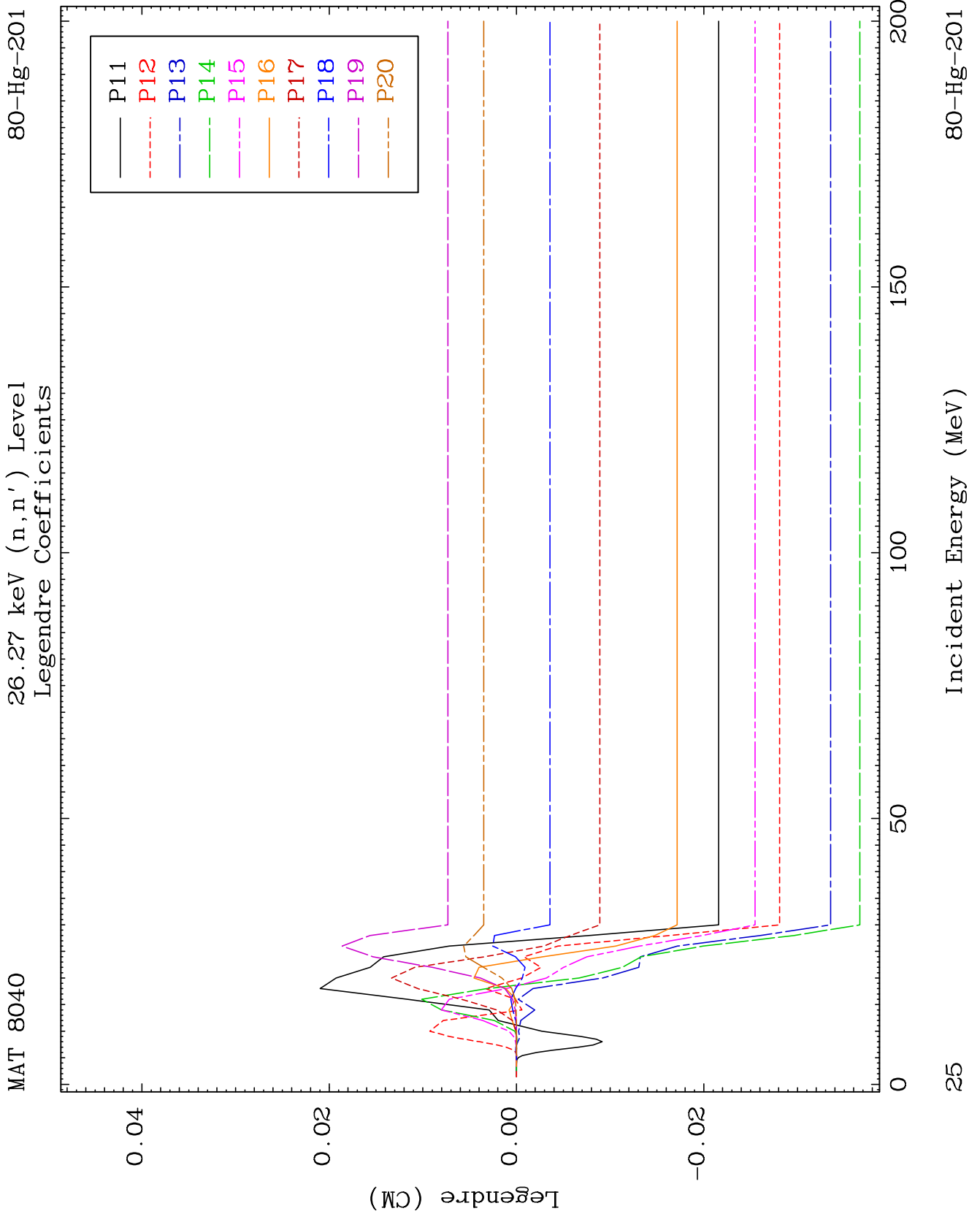
80-Hg-201



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Incident Energy (MeV)

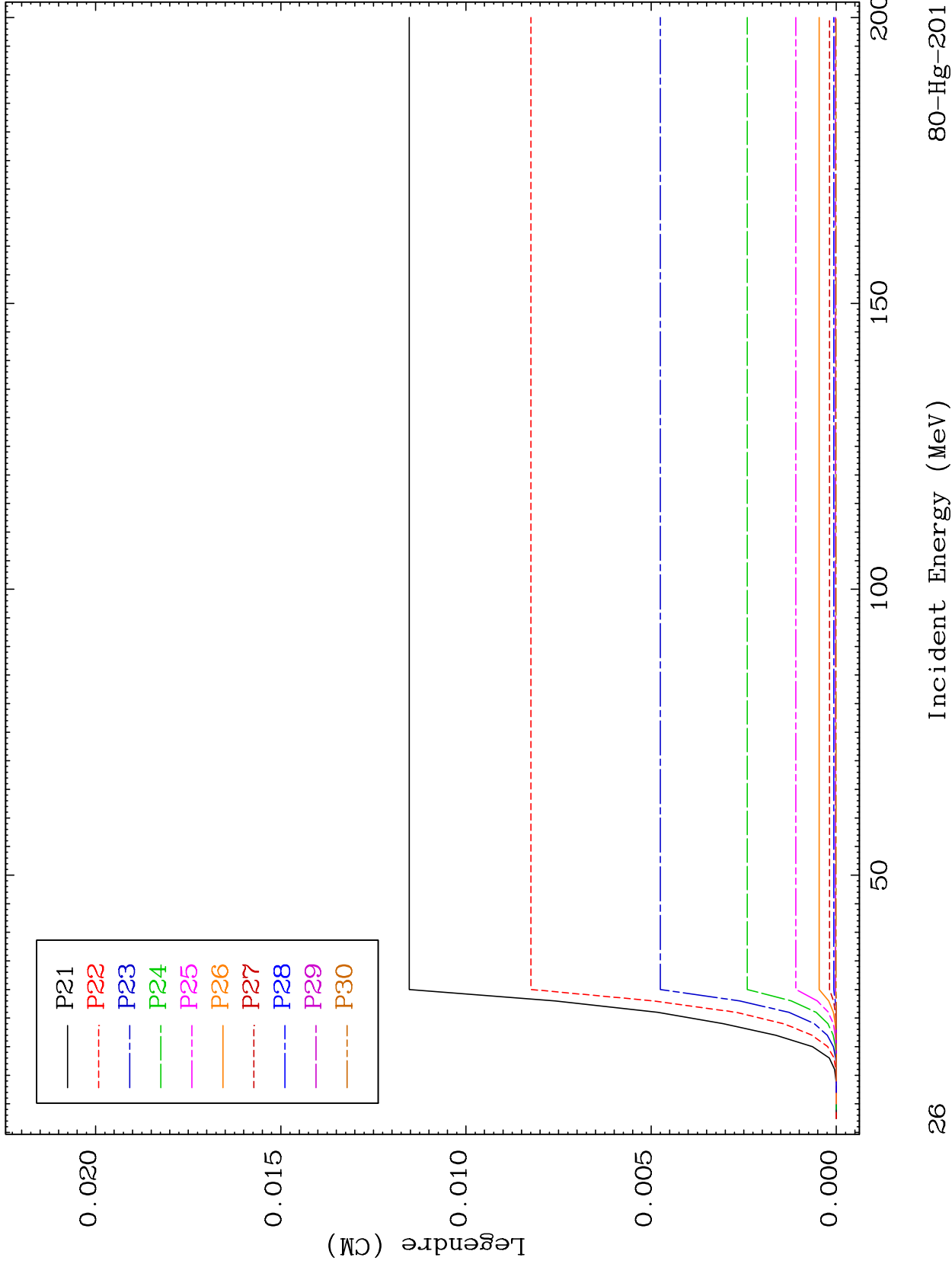
80-Hg-201



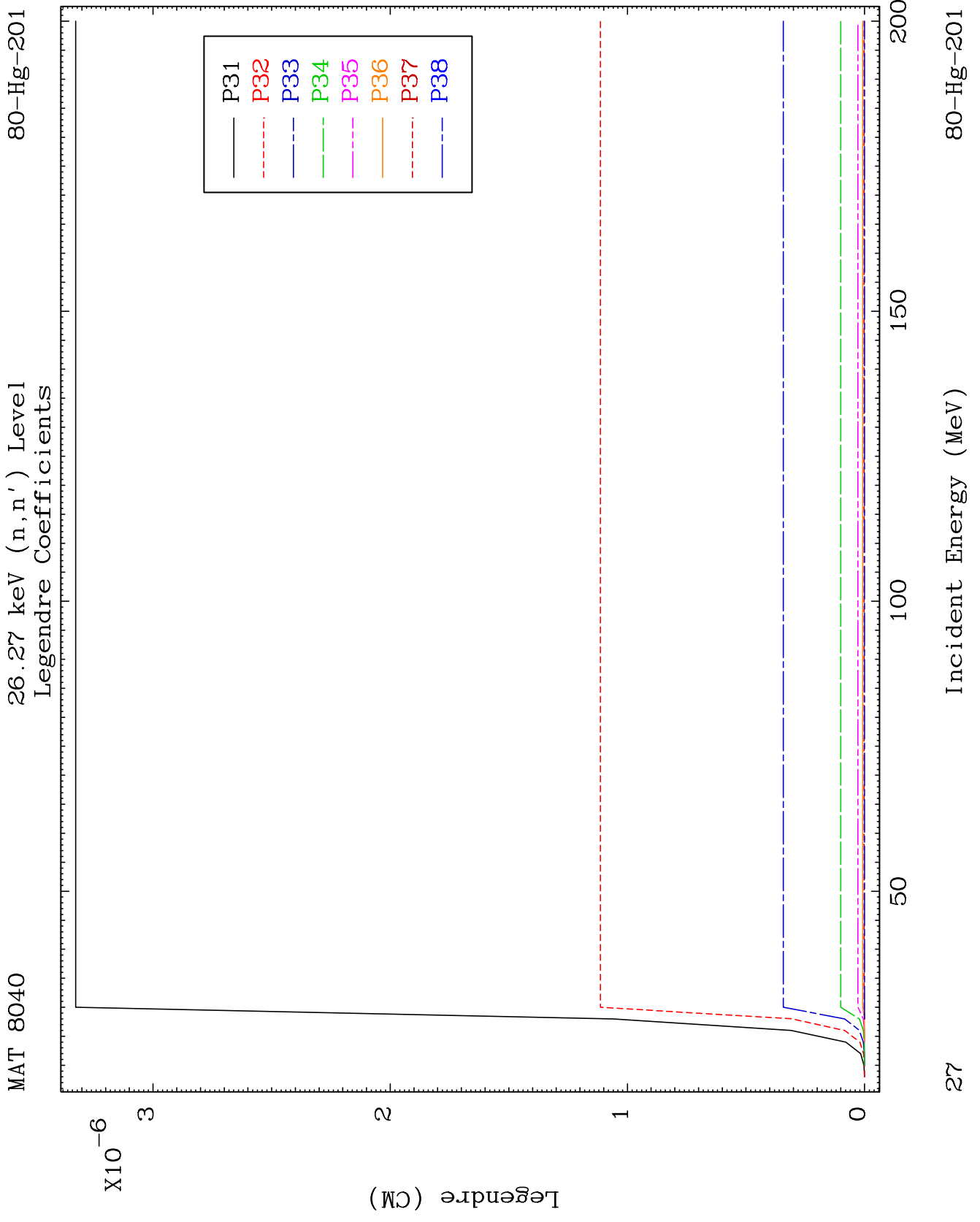
MAT 8040

26.27 keV (n,n') Level  
Legendre Coefficients

80-Hg-201



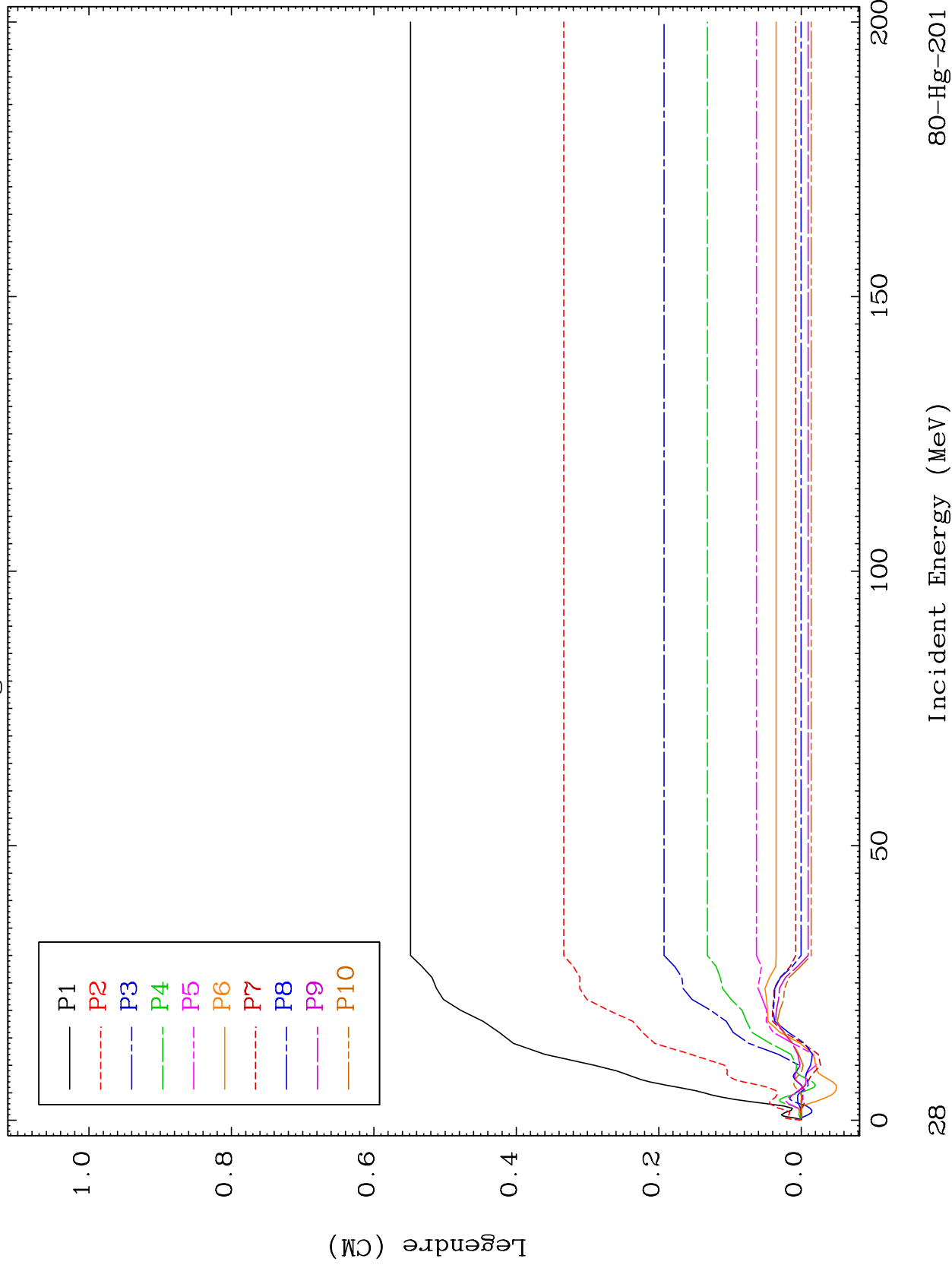
26



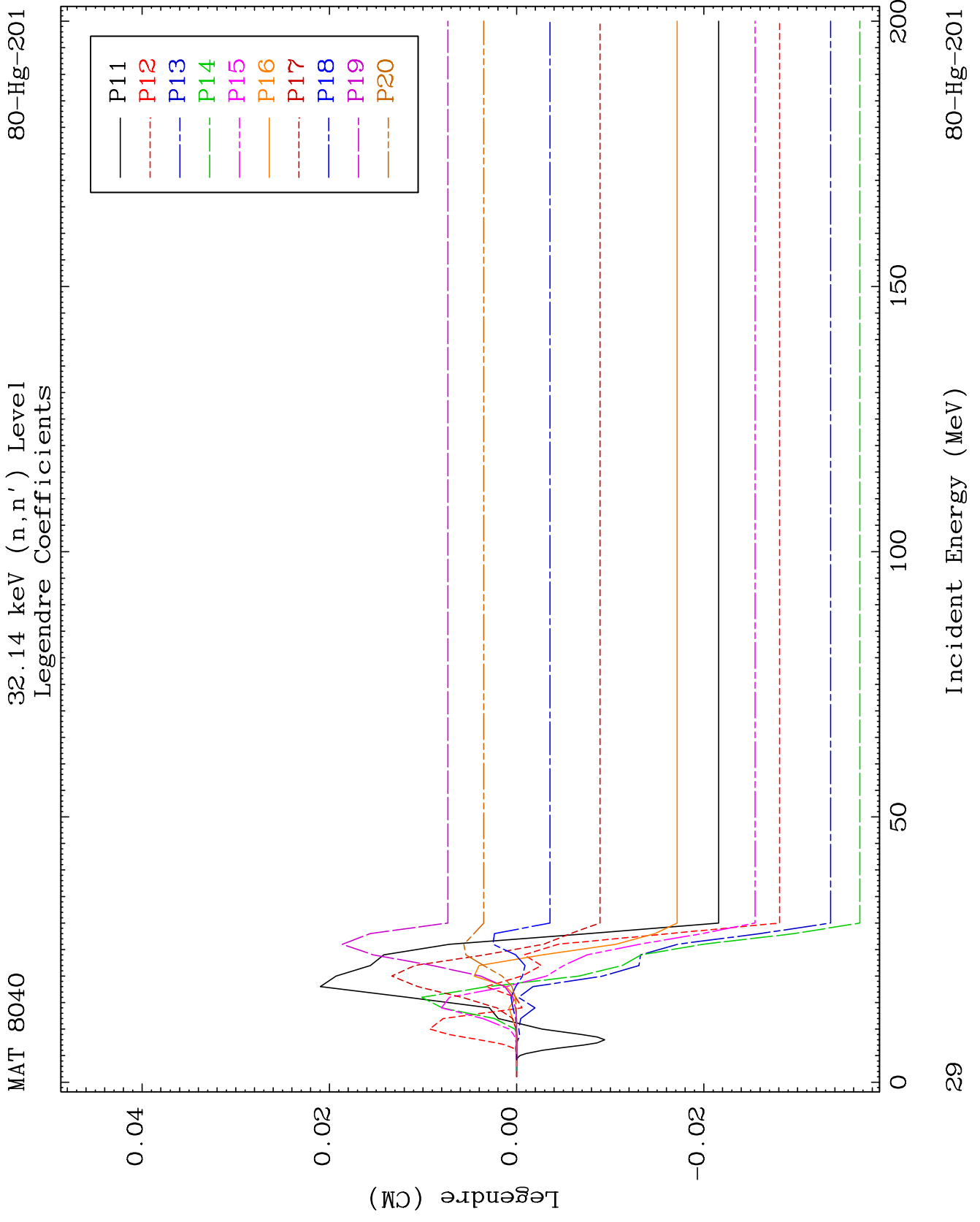
MAT 8040

32.14 keV (n, n') Level  
Legendre Coefficients

80-Hg-201



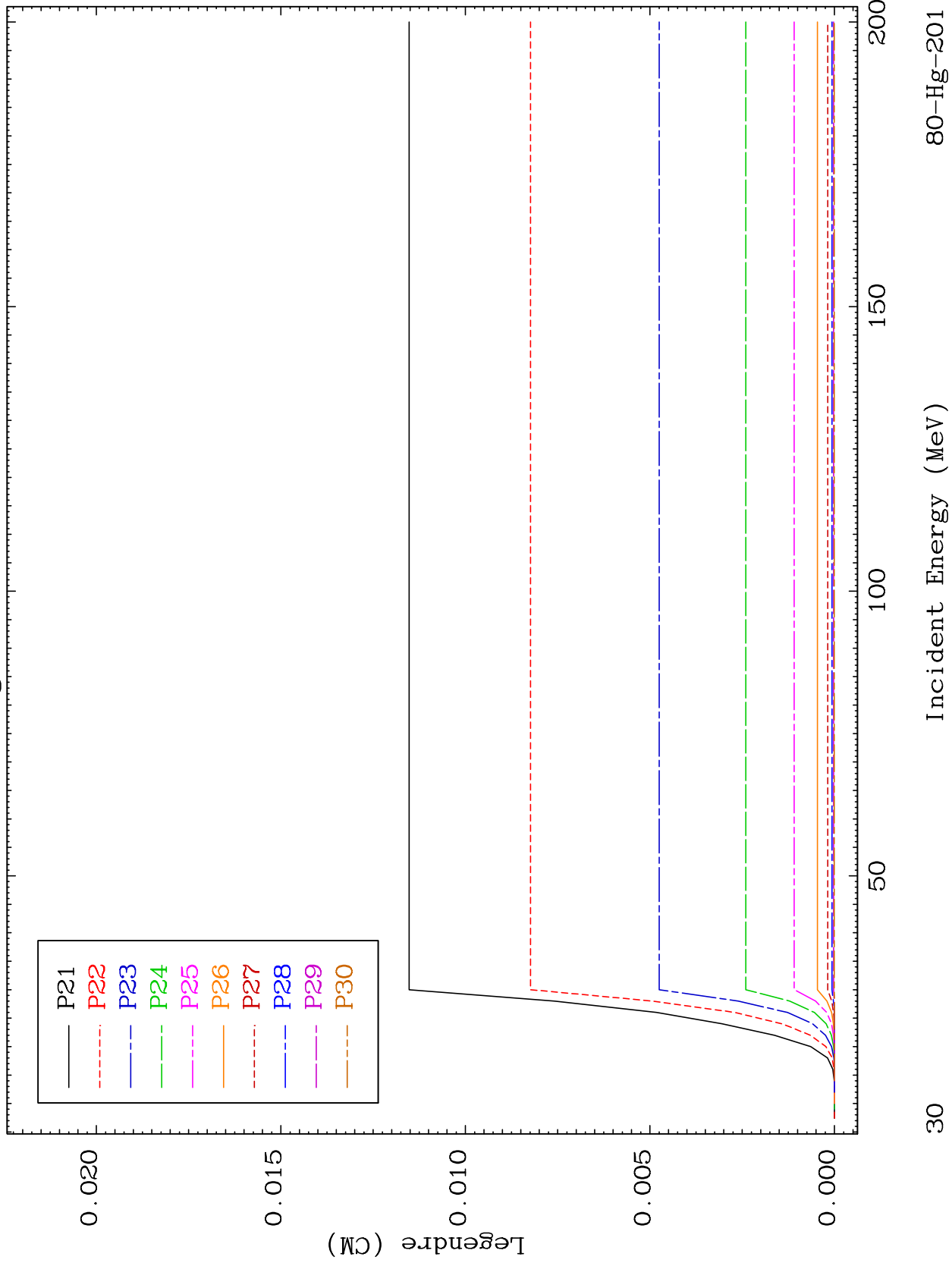
28



MAT 8040

32.14 keV (n,n') Level  
Legendre Coefficients

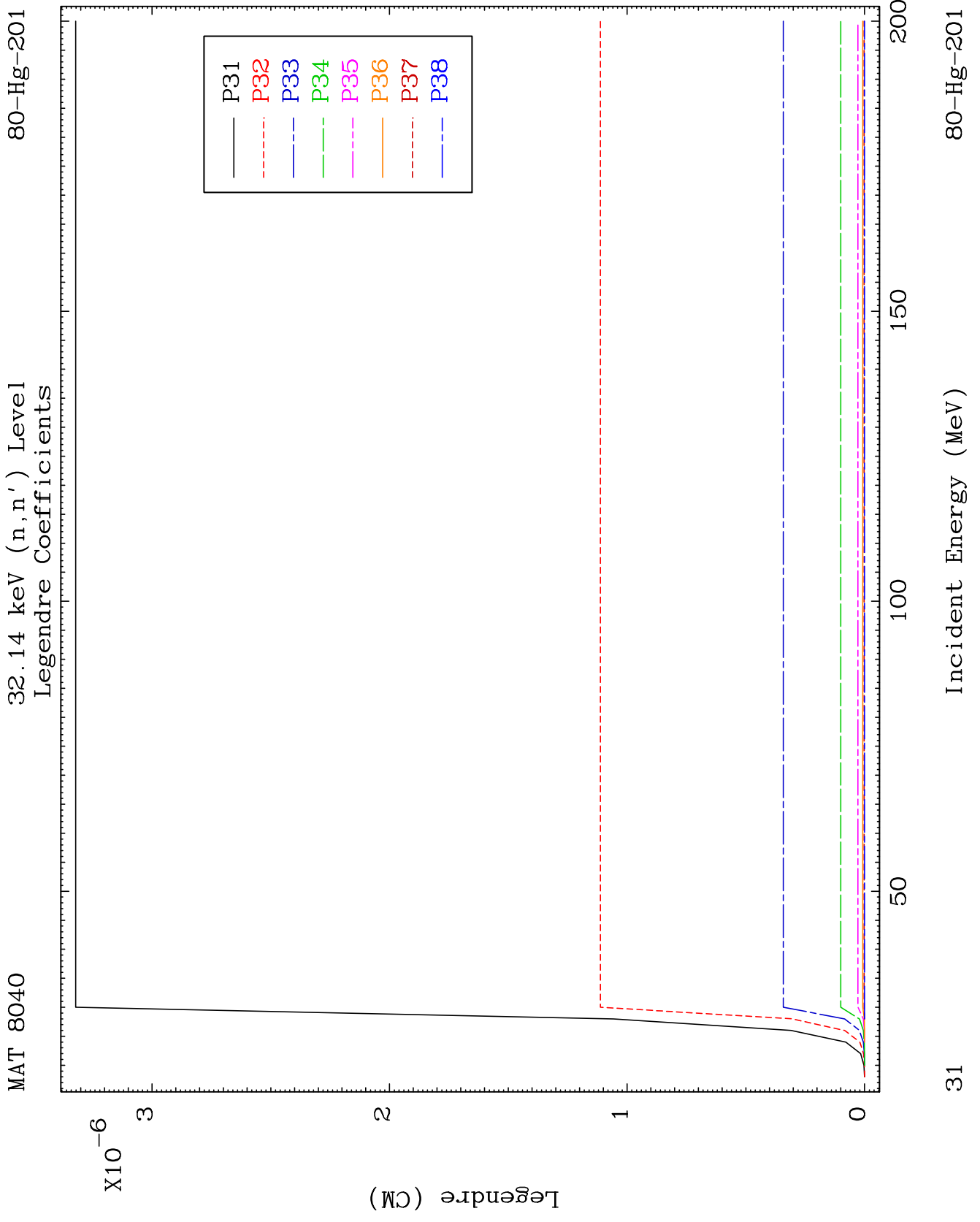
80-Hg-201



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Incident Energy (MeV)

80-Hg-201

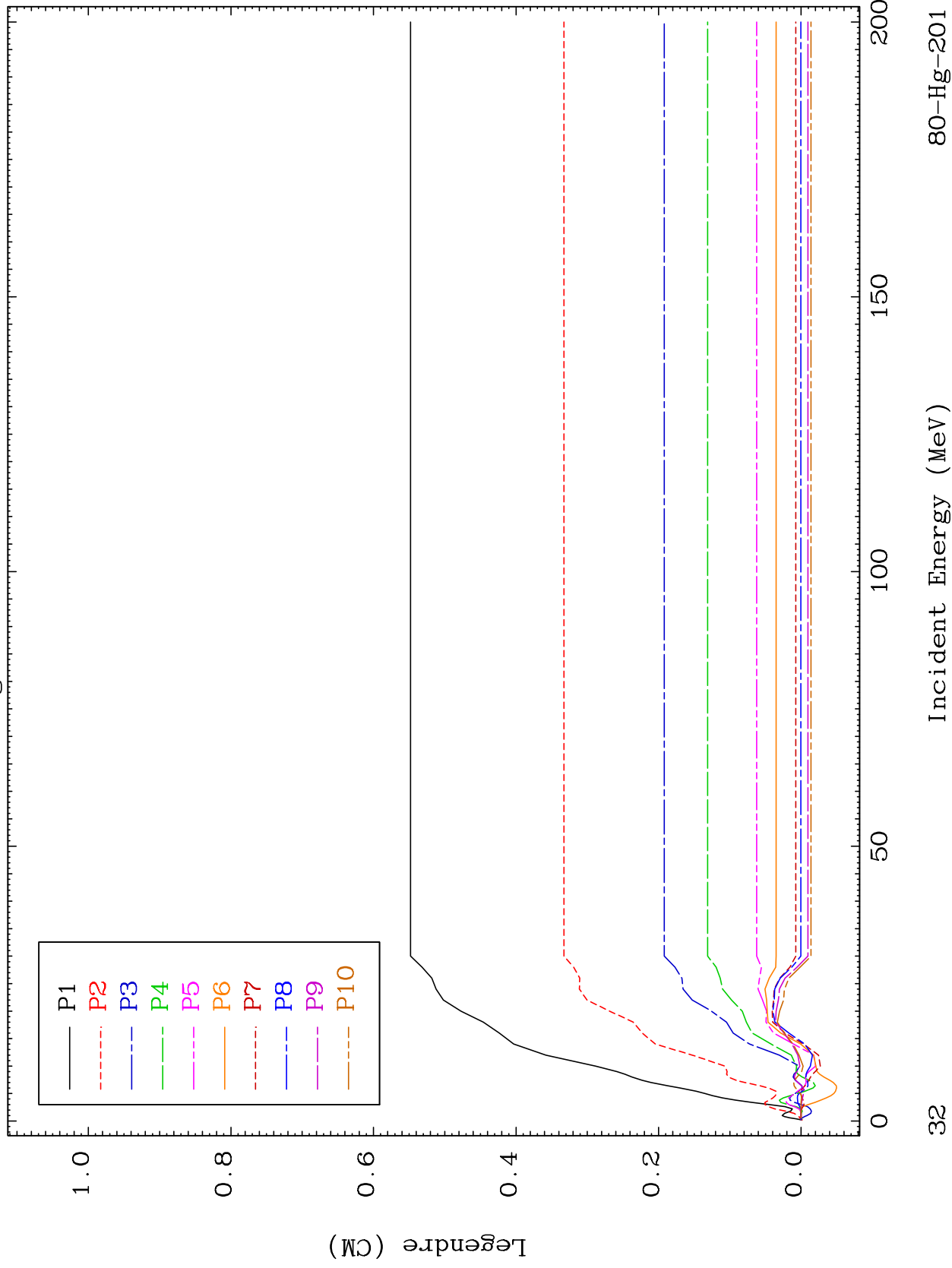




MAT 8040

167.5 keV (n, n') Level  
Legendre Coefficients

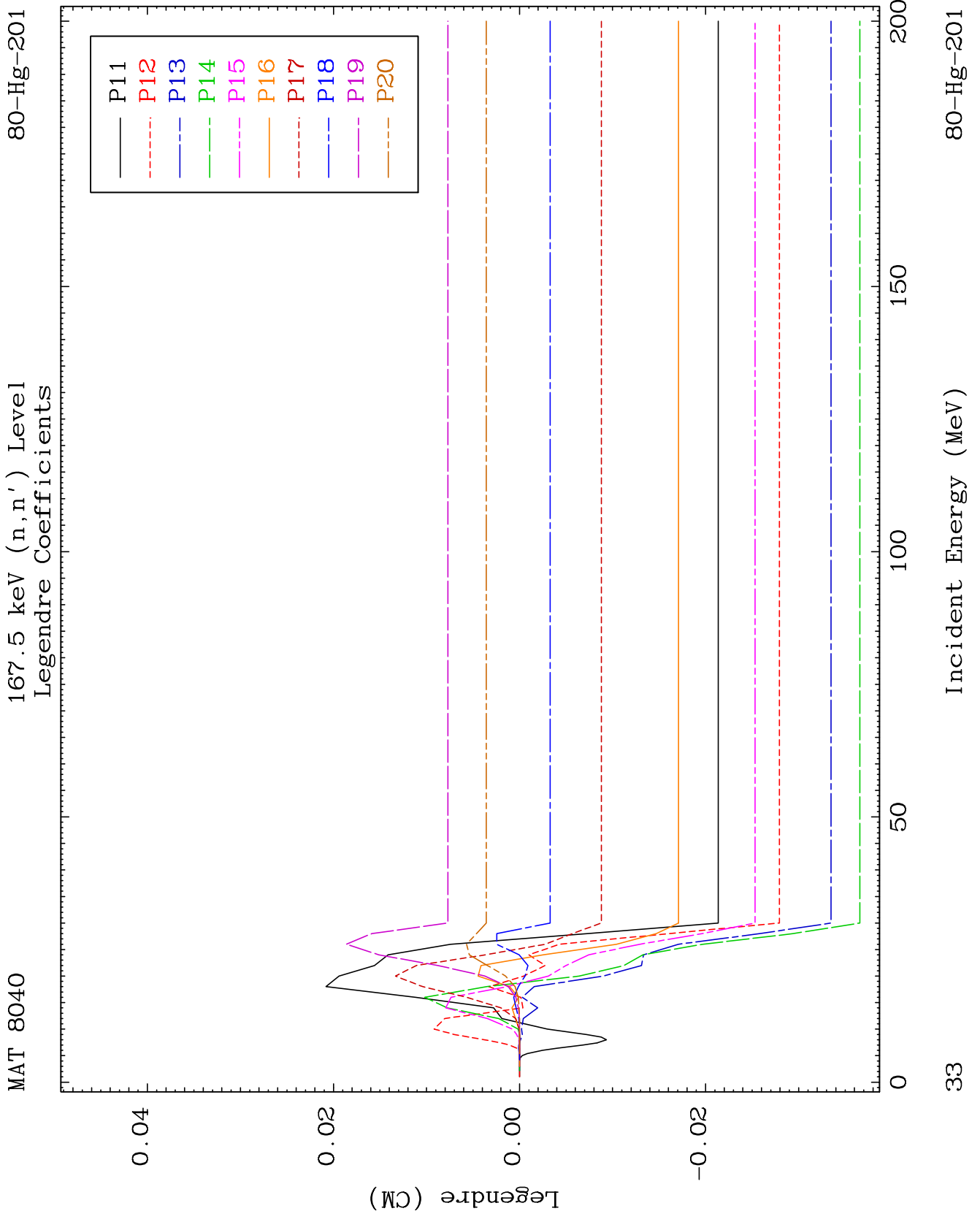
80-Hg-201



80-Hg-201

Incident Energy (MeV)

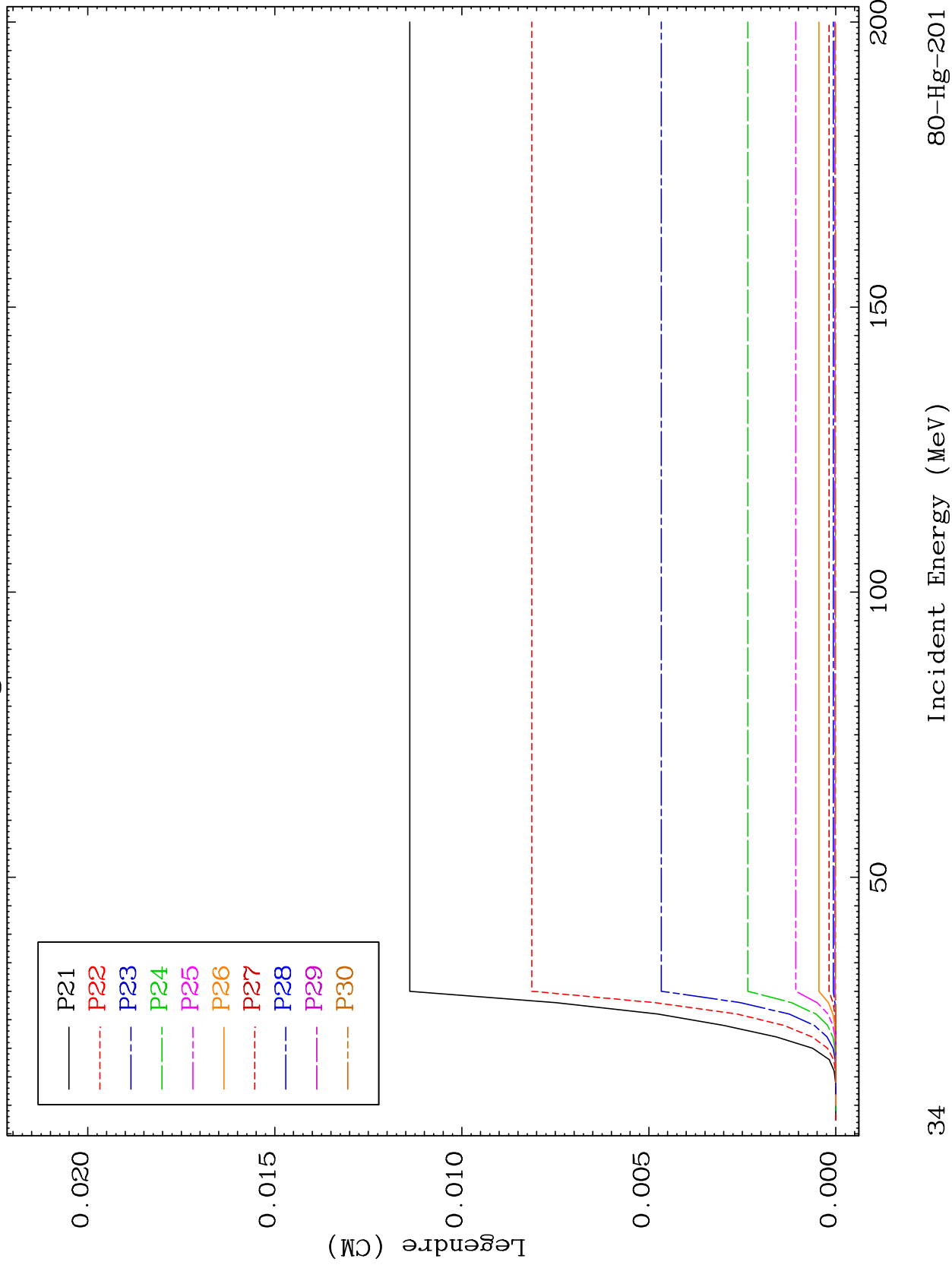
32



MAT 8040

167.5 keV (n,n') Level  
Legendre Coefficients

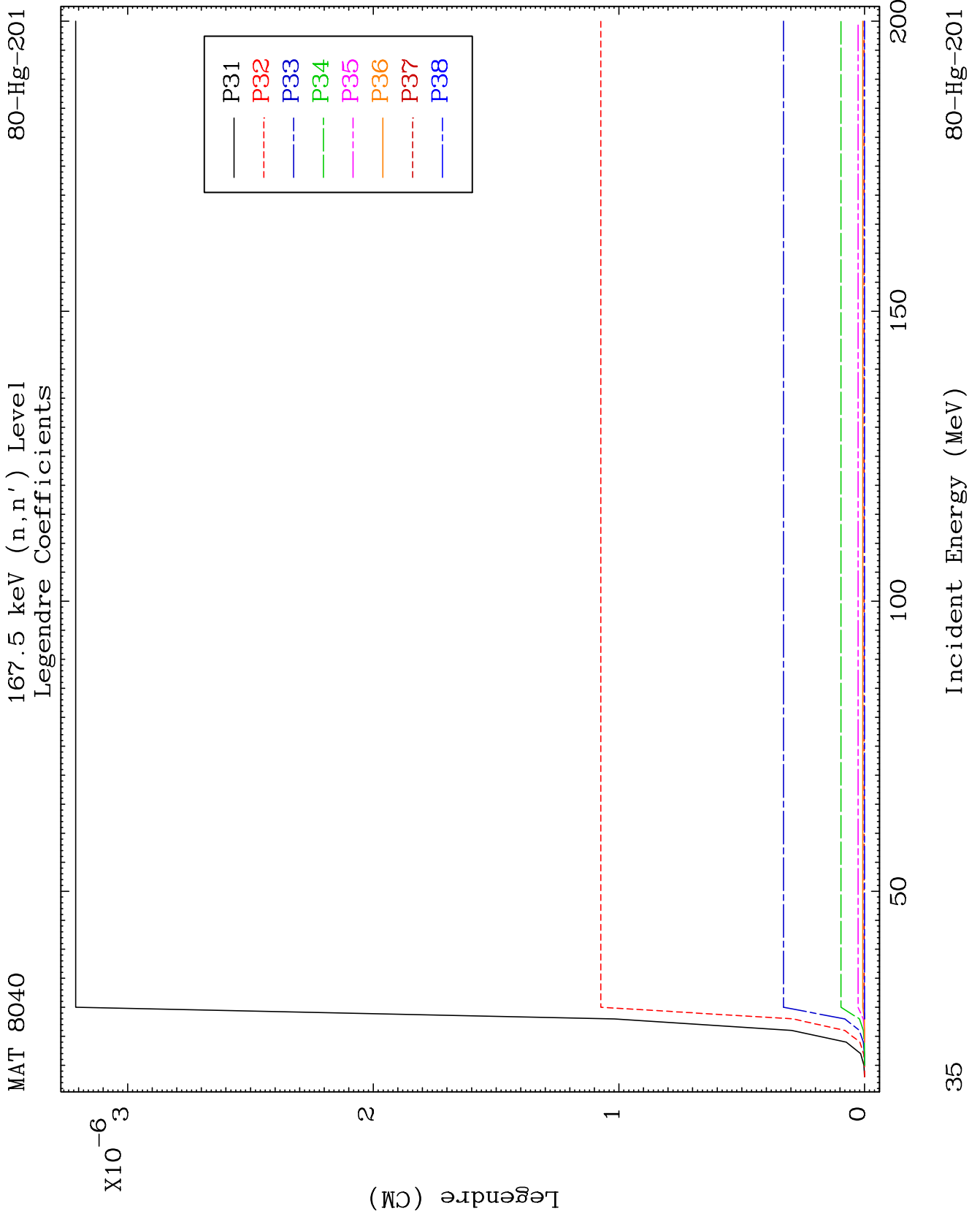
80-Hg-201



34

Incident Energy (MeV)

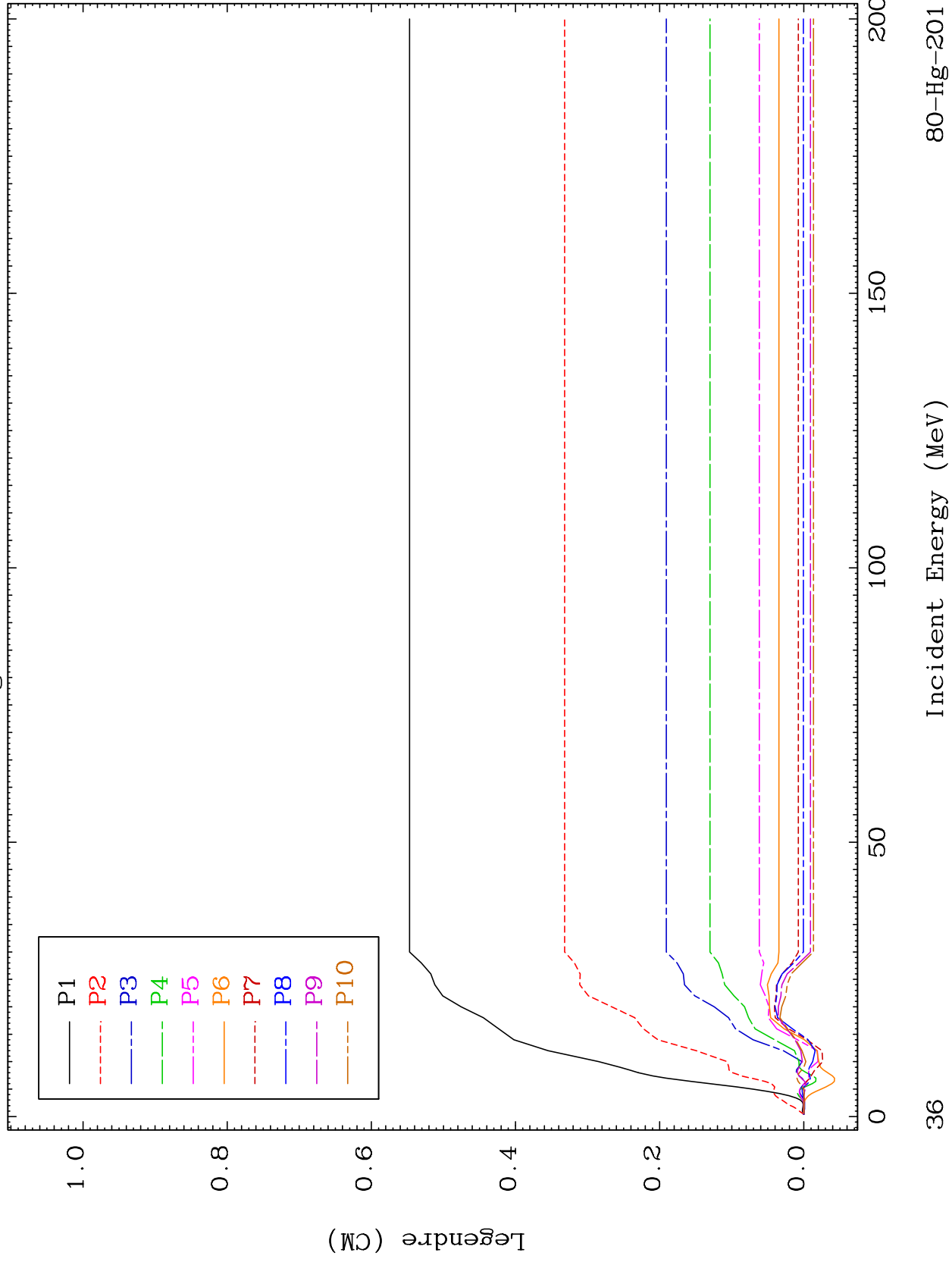
80-Hg-201



MAT 8040

384.6 keV (n,n') Level  
Legendre Coefficients

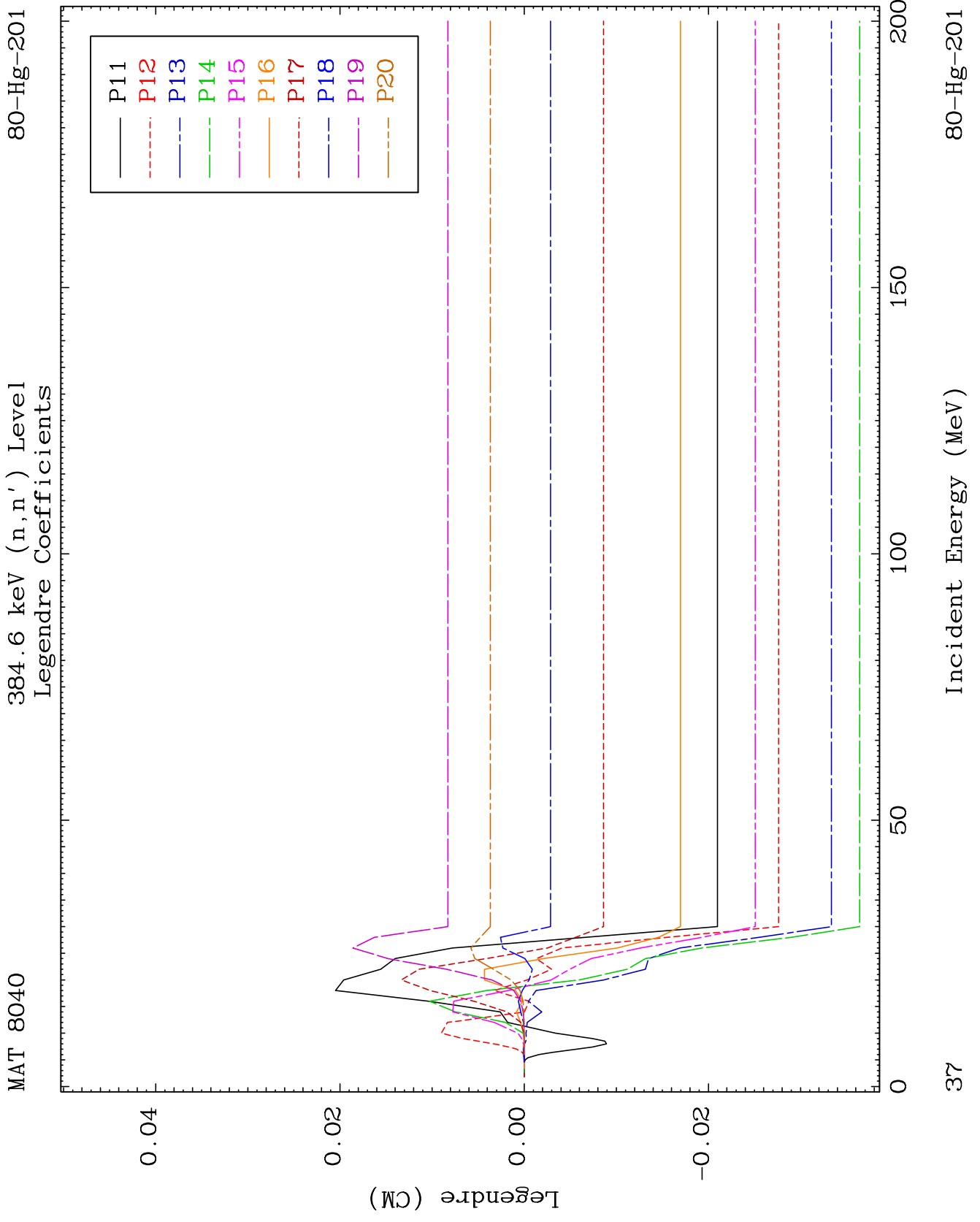
80-Hg-201



36

Incident Energy (MeV)

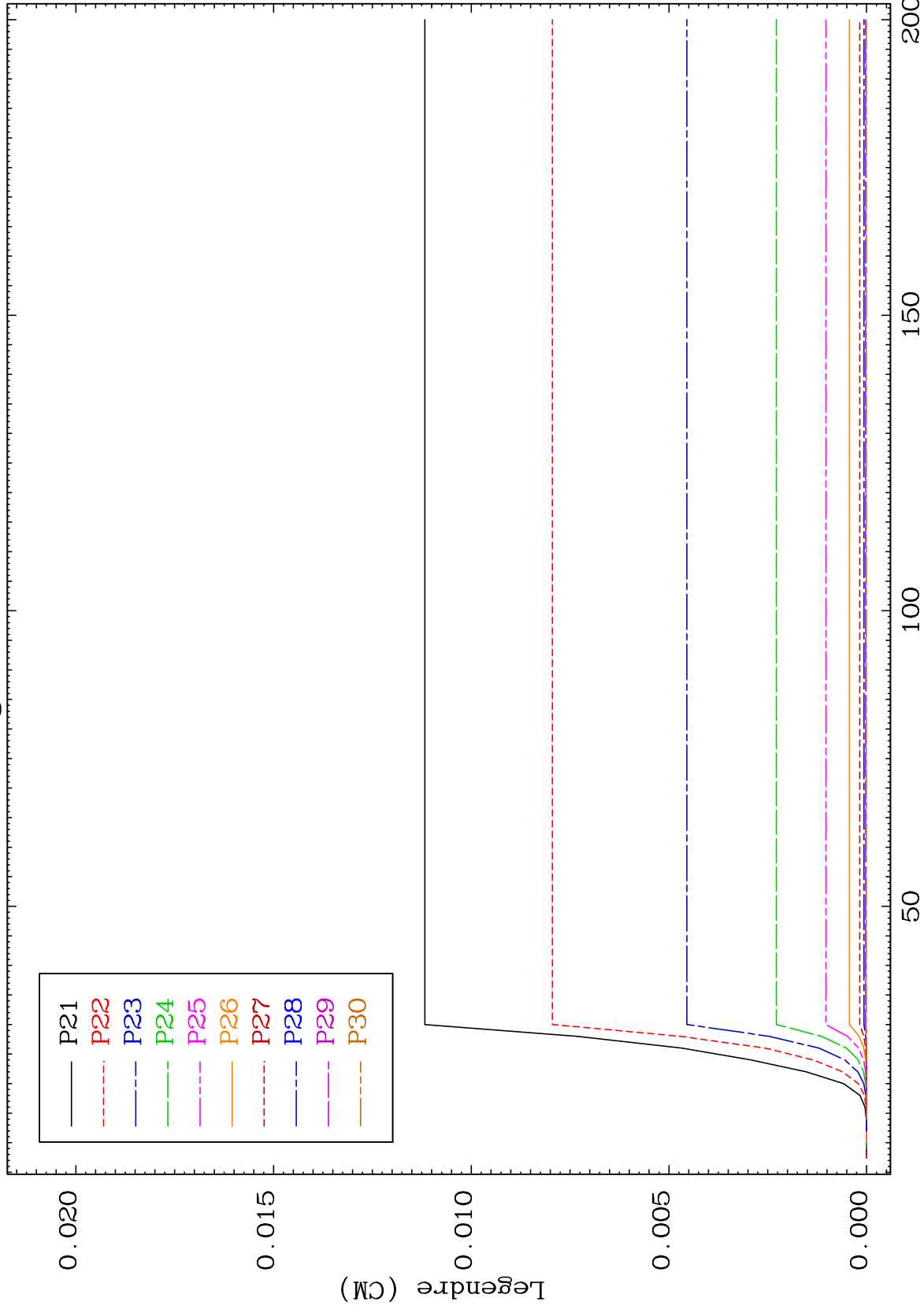
80-Hg-201



MAT 8040

384.6 keV (n,n') Level  
Legendre Coefficients

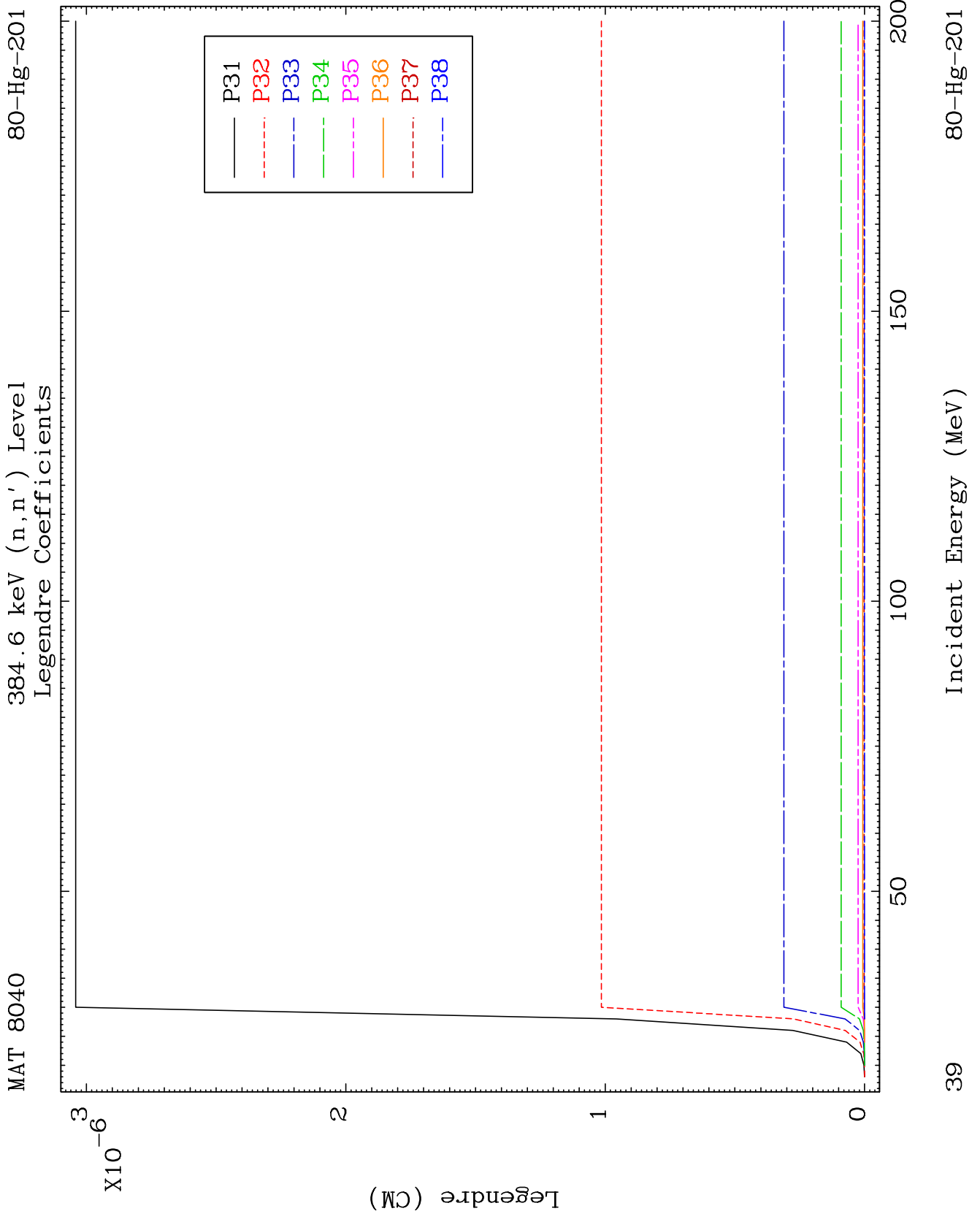
80-Hg-201



38

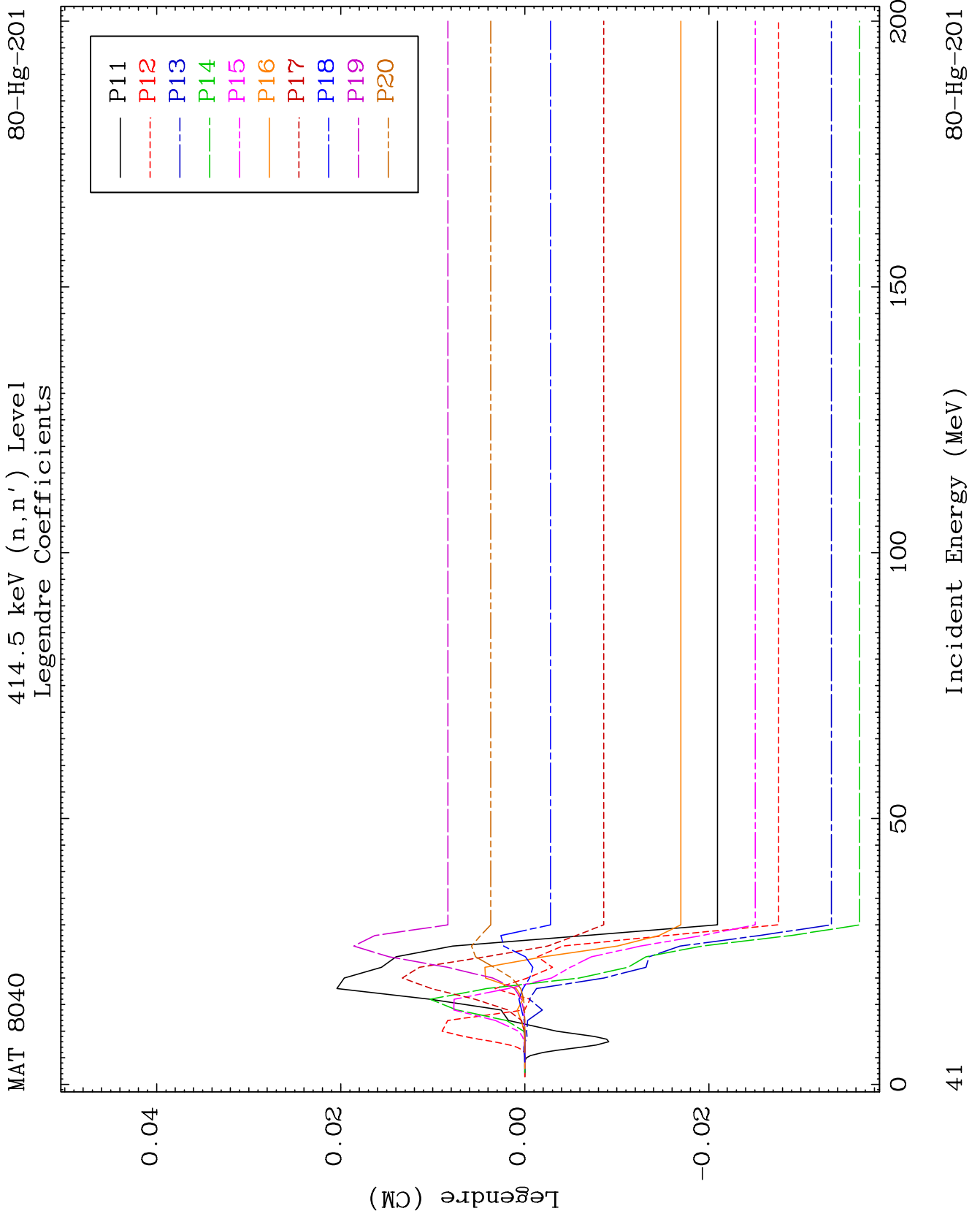
Incident Energy (MeV)

80-Hg-201





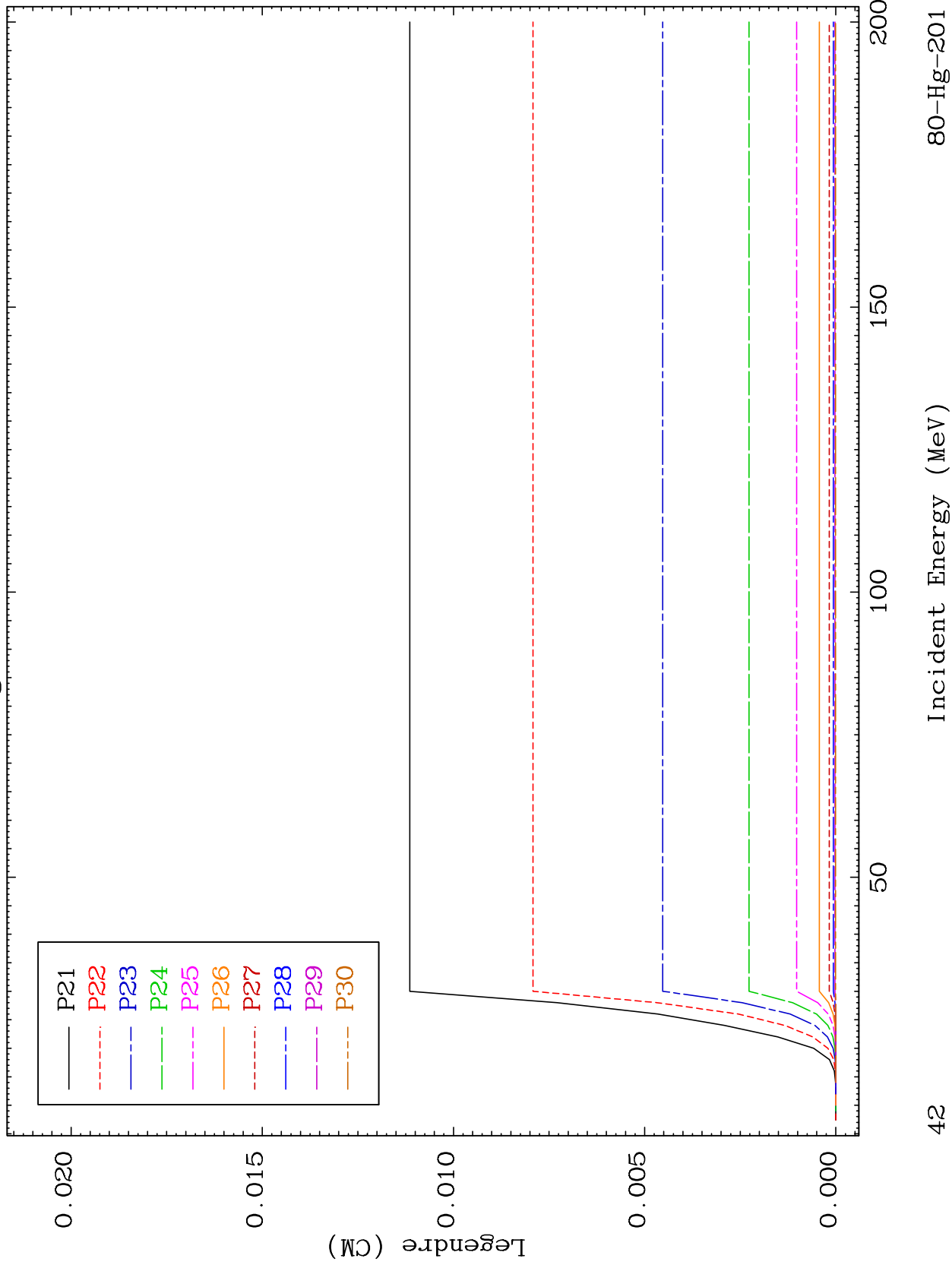




MAT 8040

414.5 keV (n,n') Level  
Legendre Coefficients

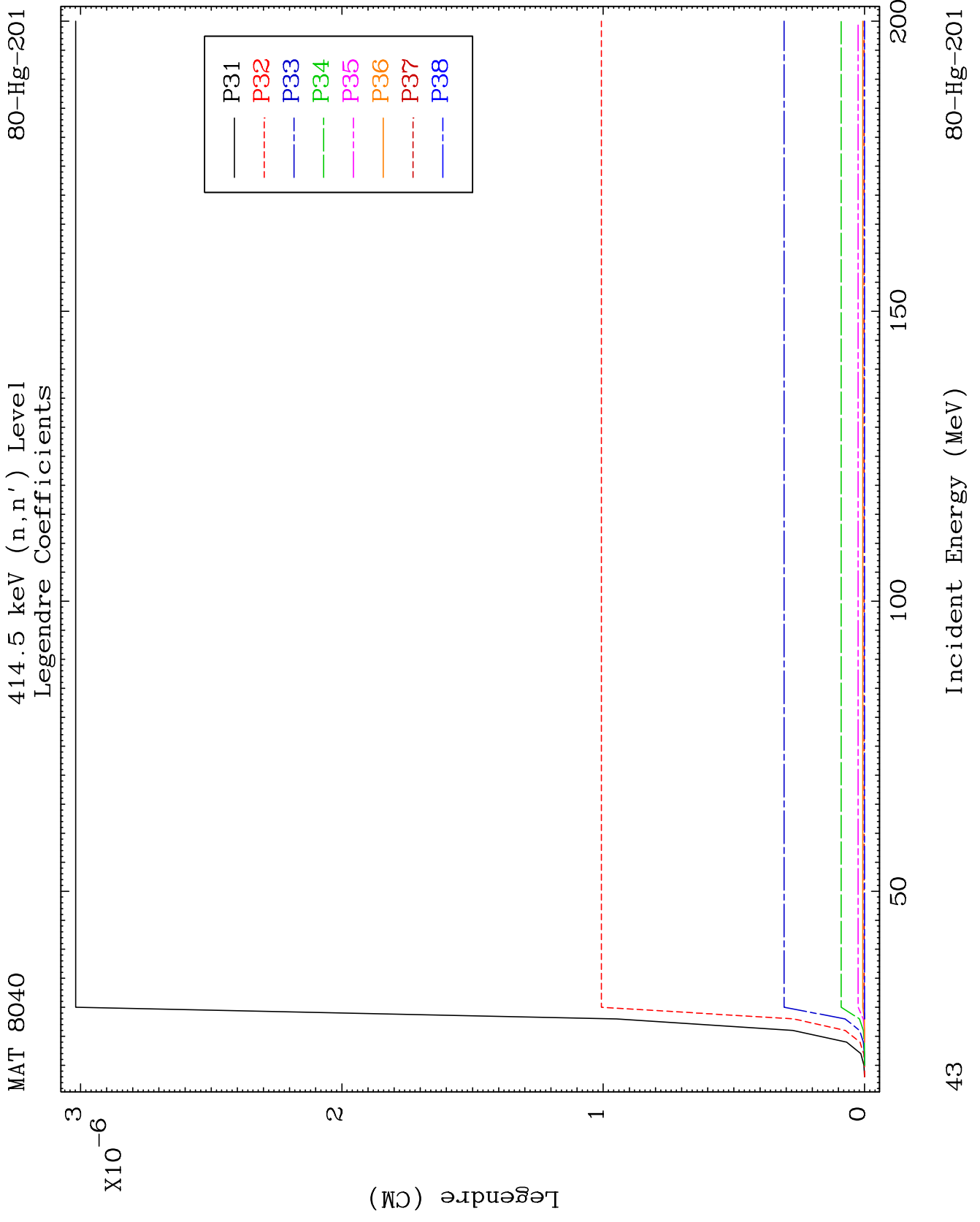
80-Hg-201



42

Incident Energy (MeV)

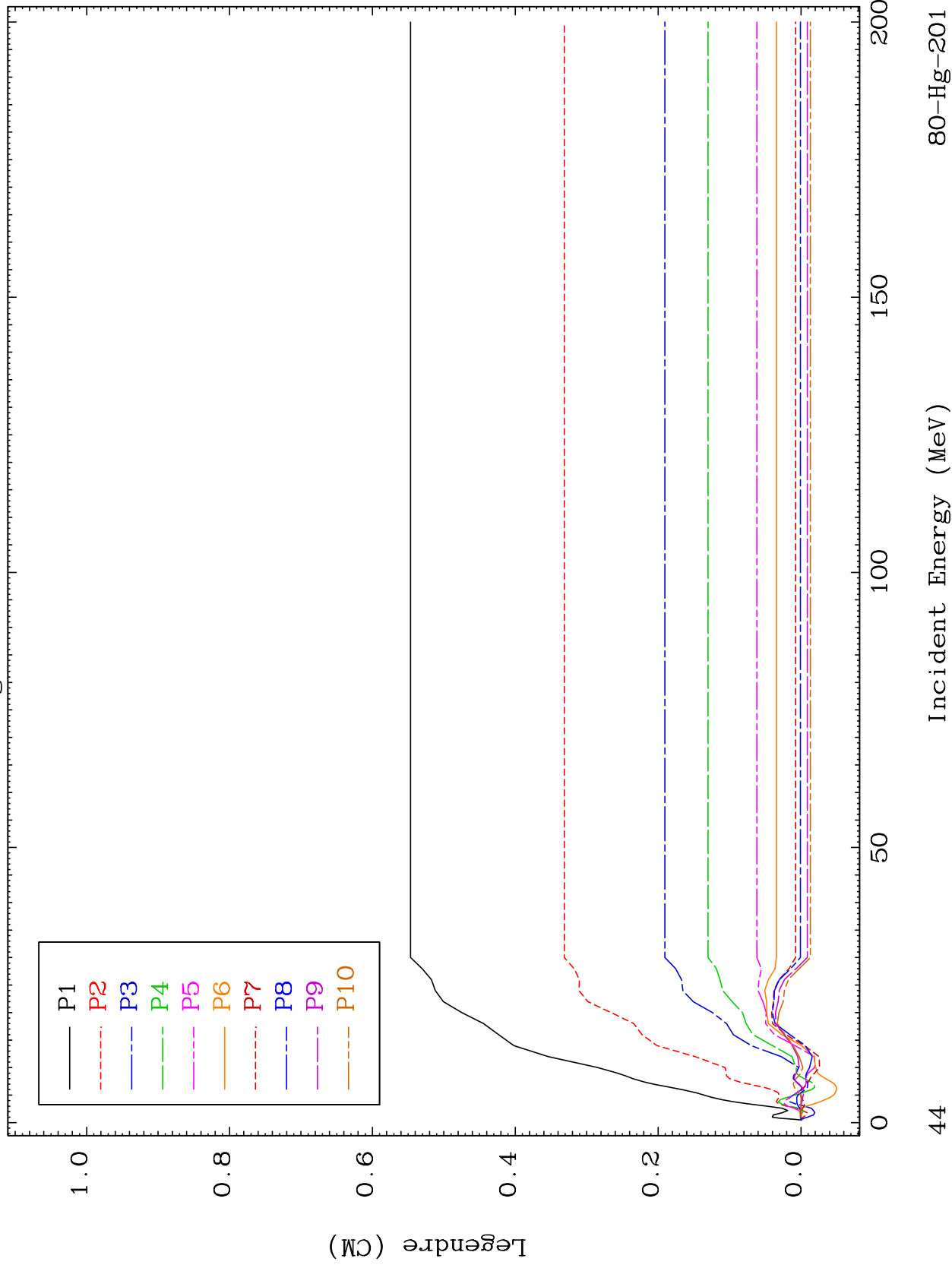
80-Hg-201



MAT 8040

464.4 keV (n, n') Level  
Legendre Coefficients

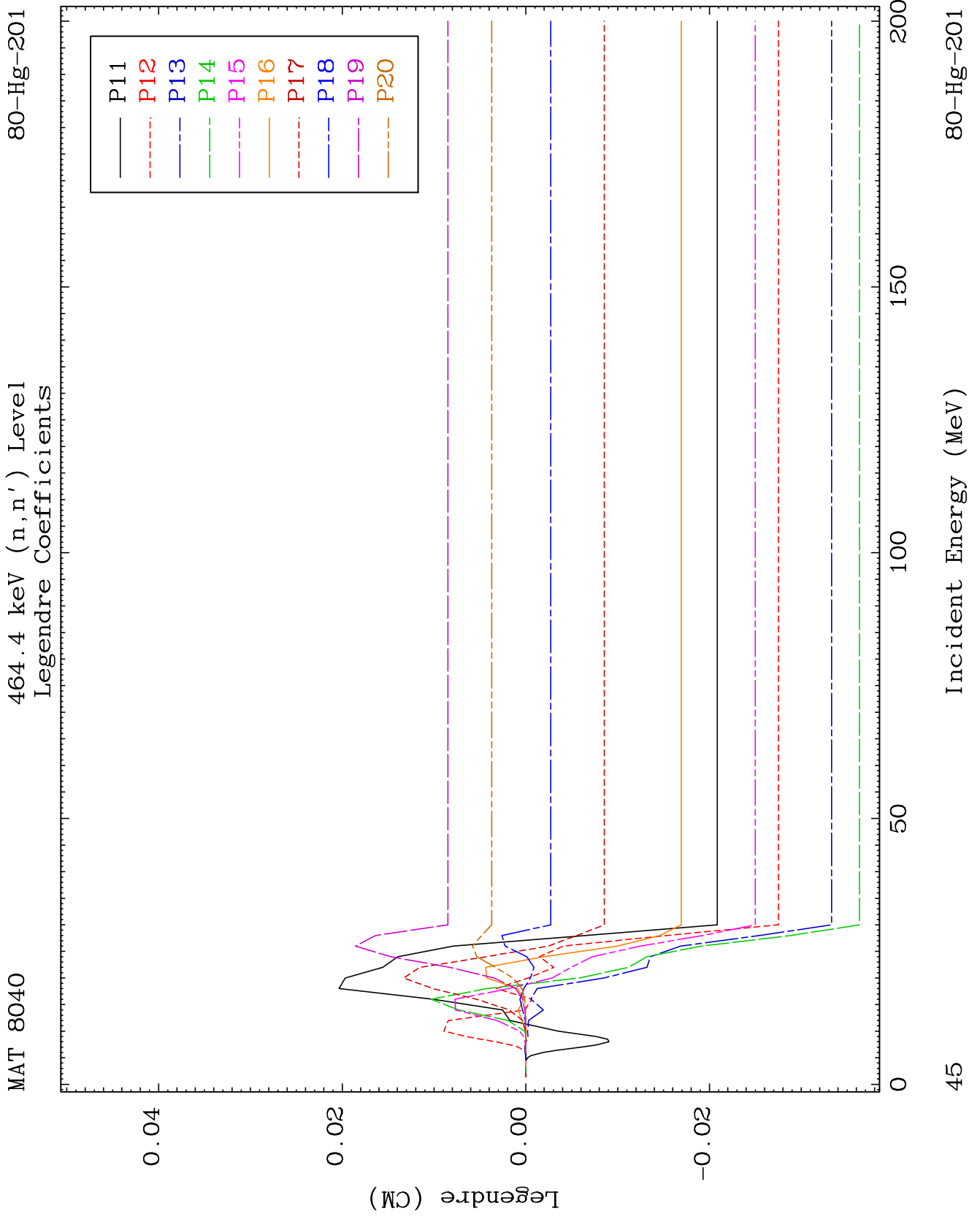
80-Hg-201



44

Incident Energy (MeV)

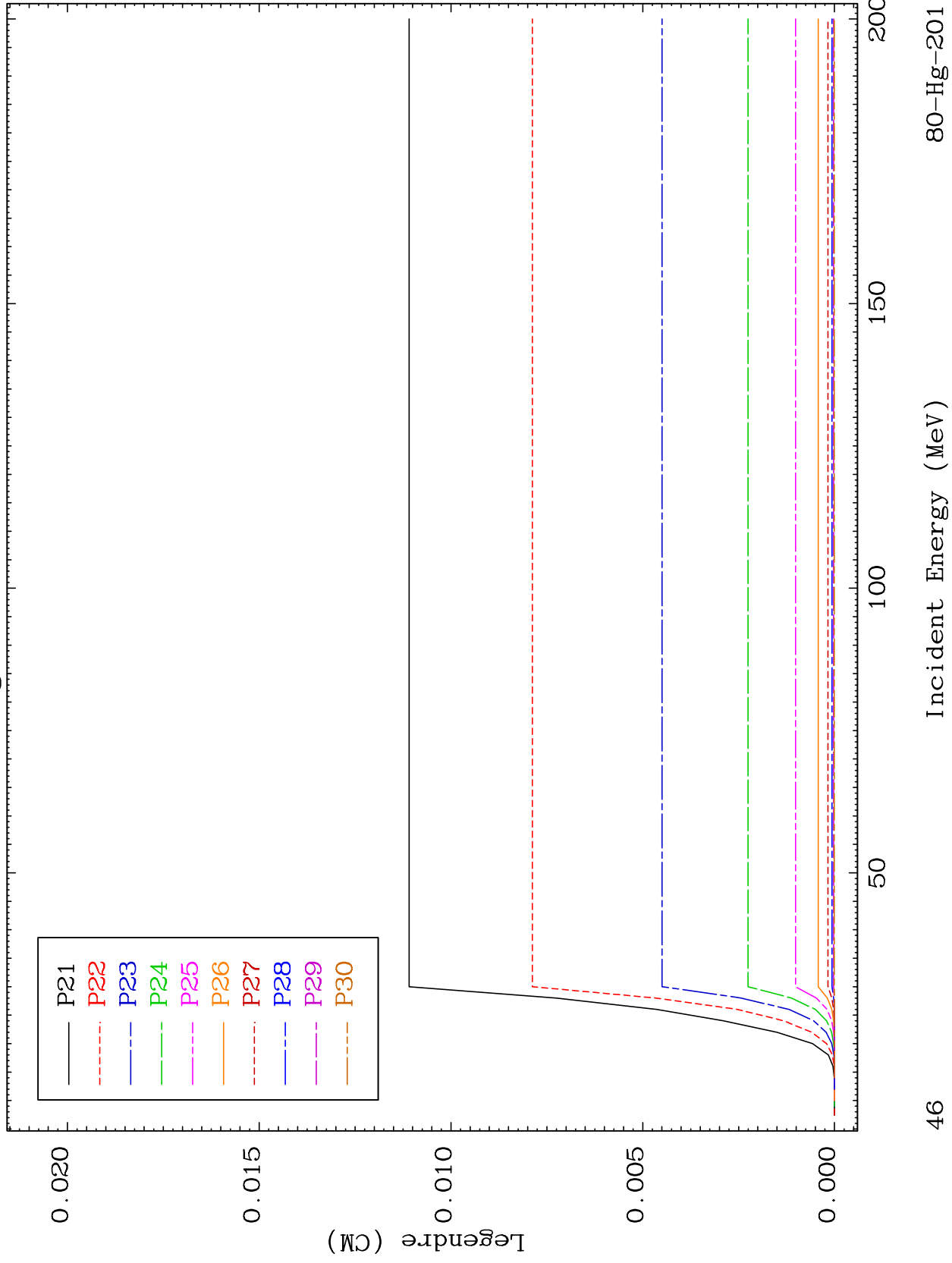
80-Hg-201



MAT 8040

464.4 keV (n,n') Level  
Legendre Coefficients

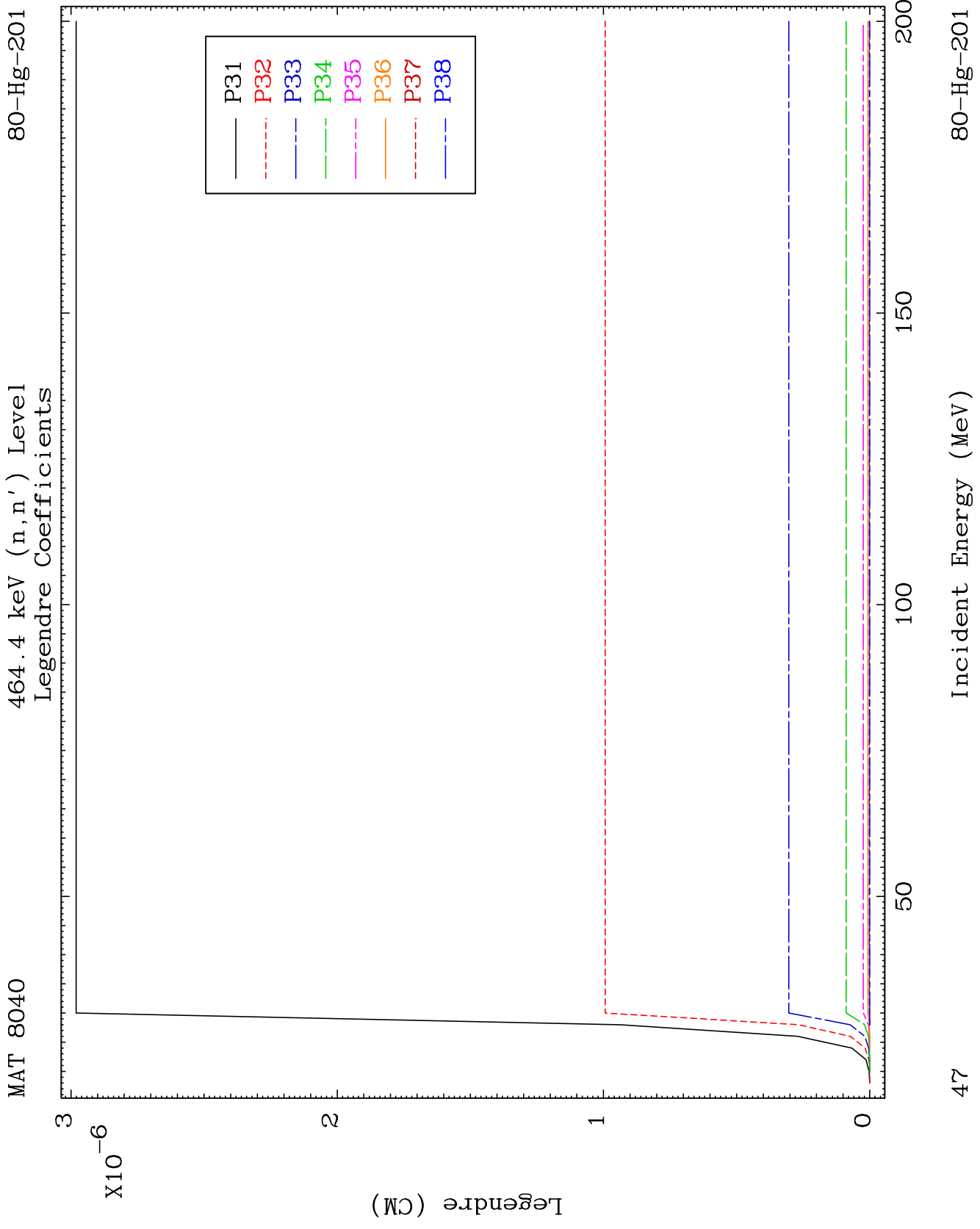
80-Hg-201



46

Incident Energy (MeV)

80-Hg-201

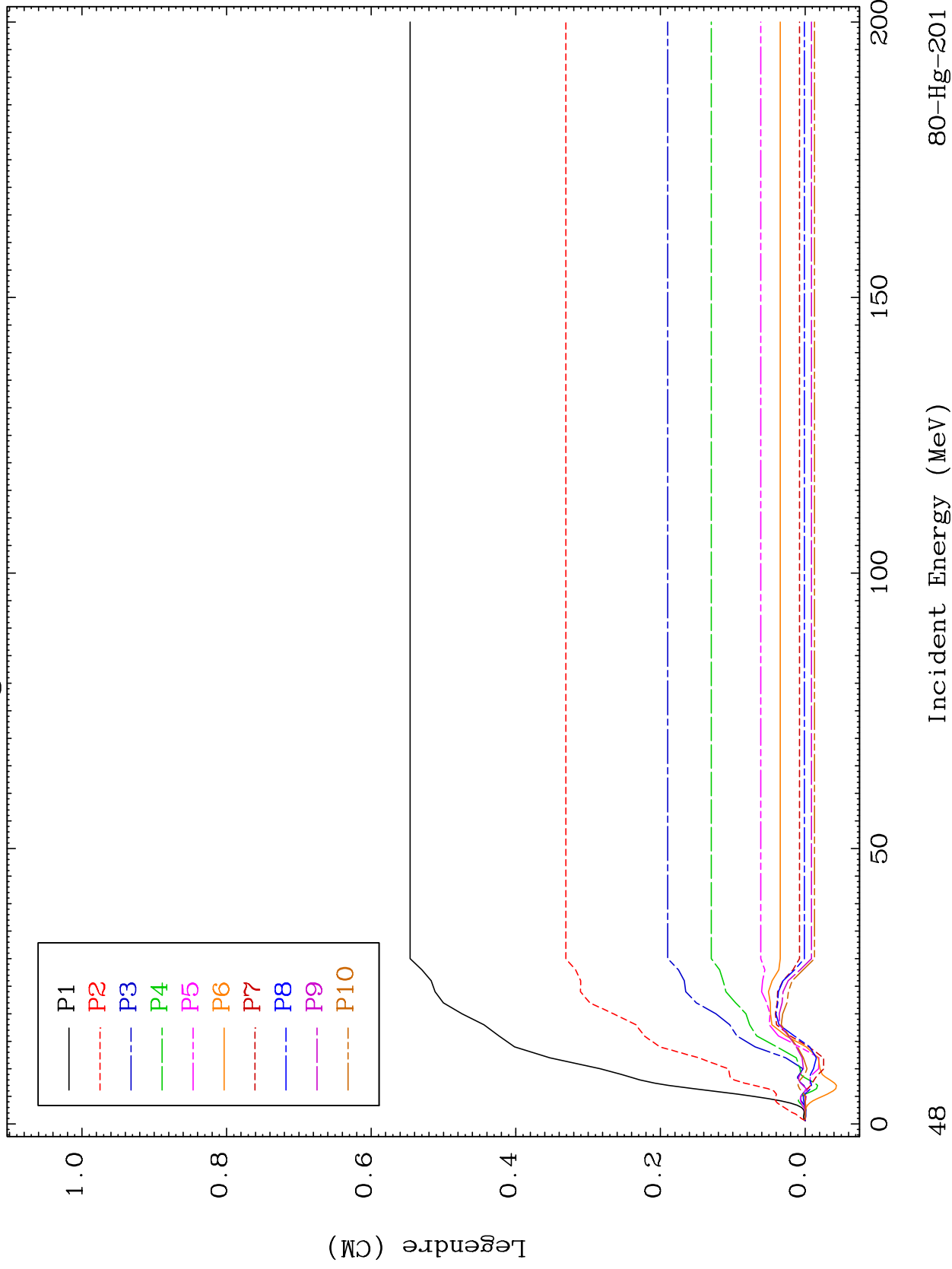




MAT 8040

542.8 keV (n, n') Level  
Legendre Coefficients

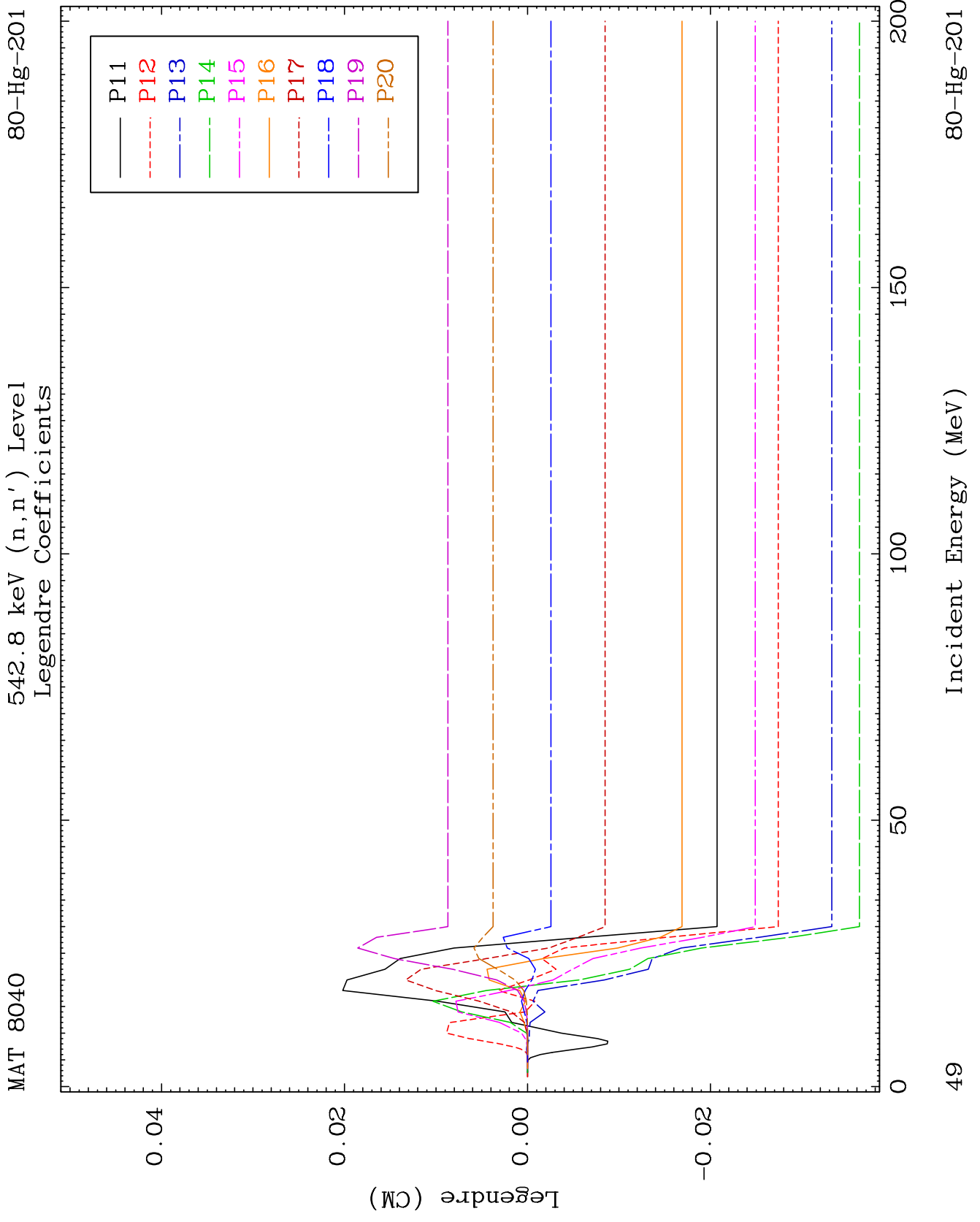
80-Hg-201



48

Incident Energy (MeV)

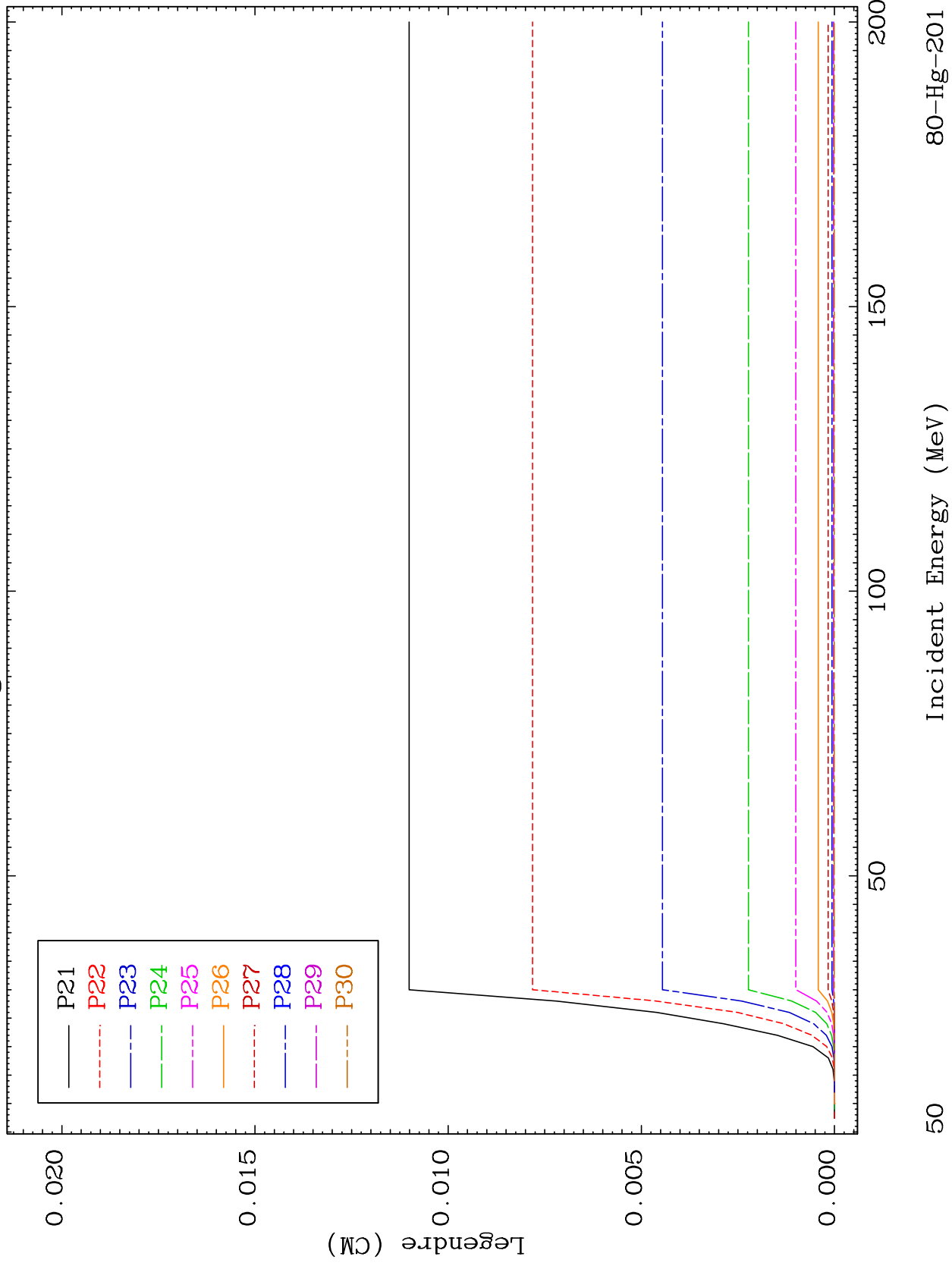
80-Hg-201



MAT 8040

542.8 keV (n,n') Level  
Legendre Coefficients

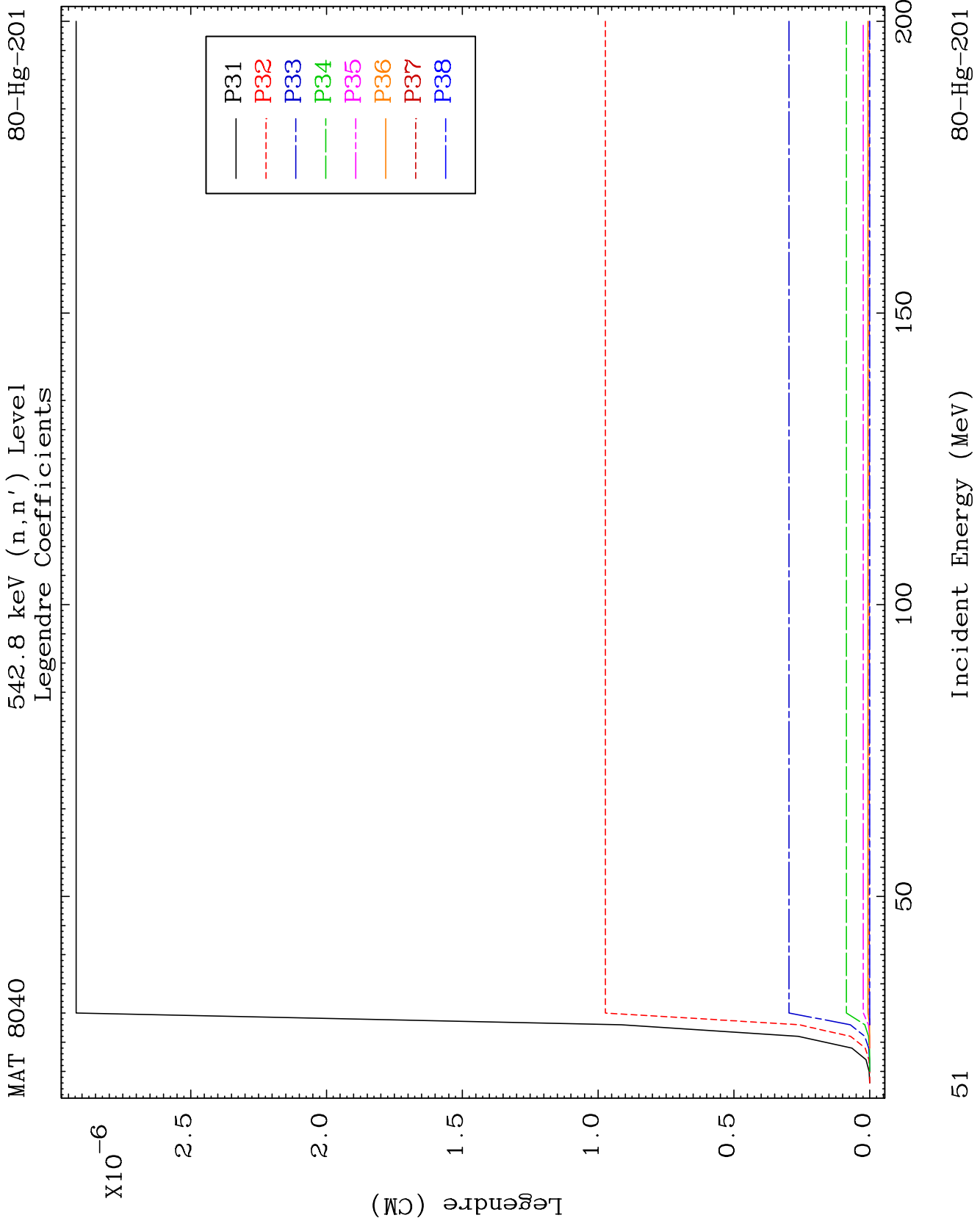
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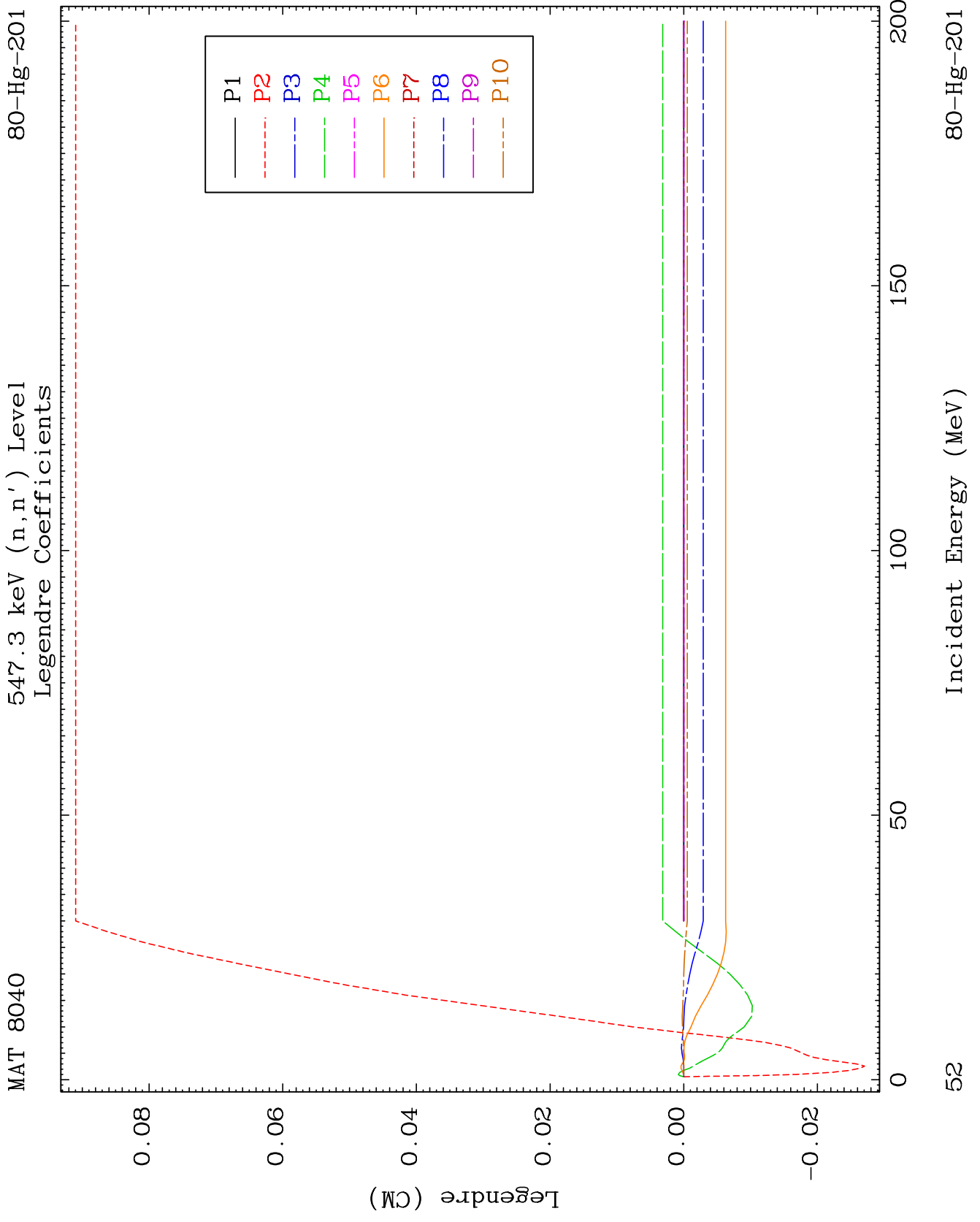


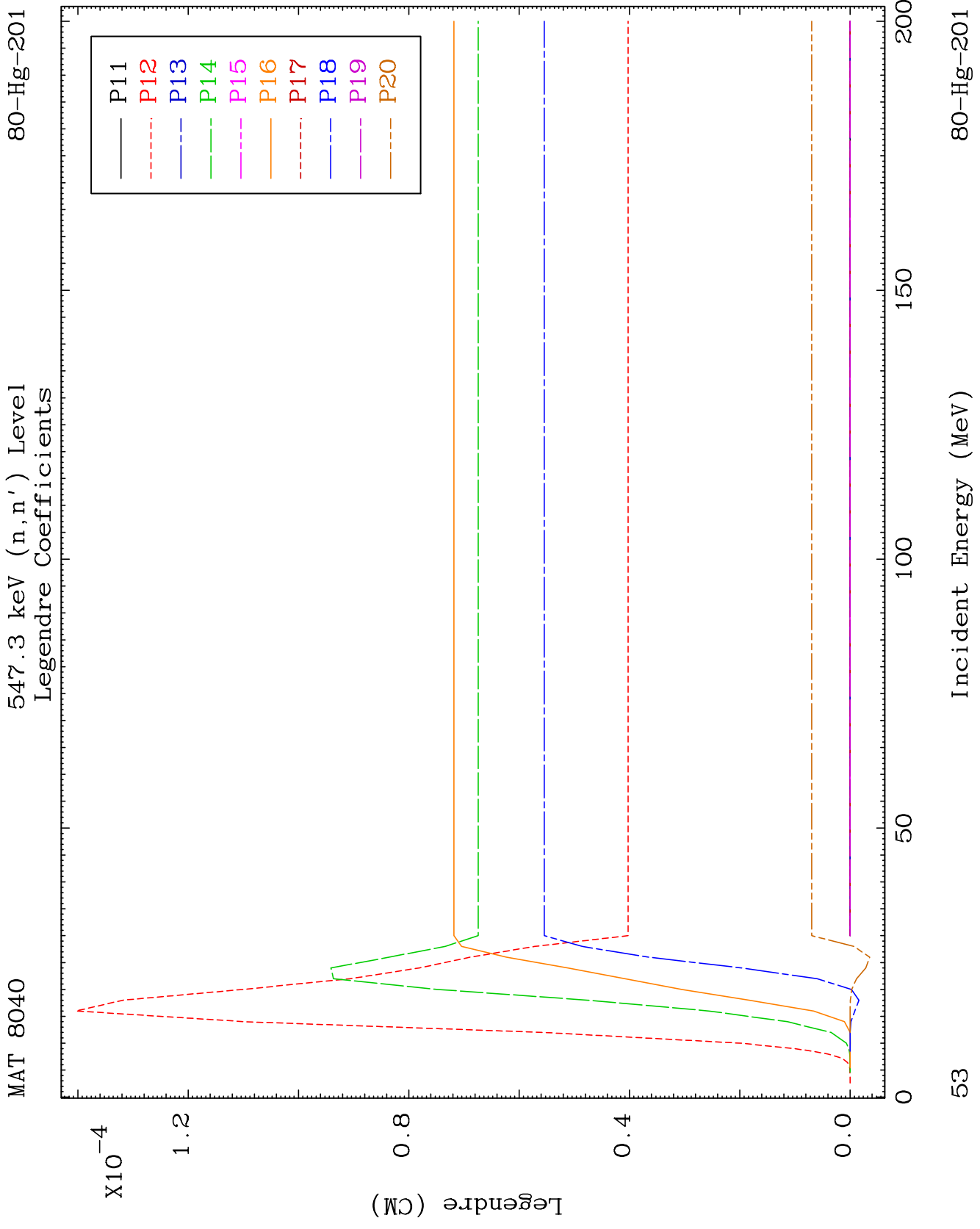
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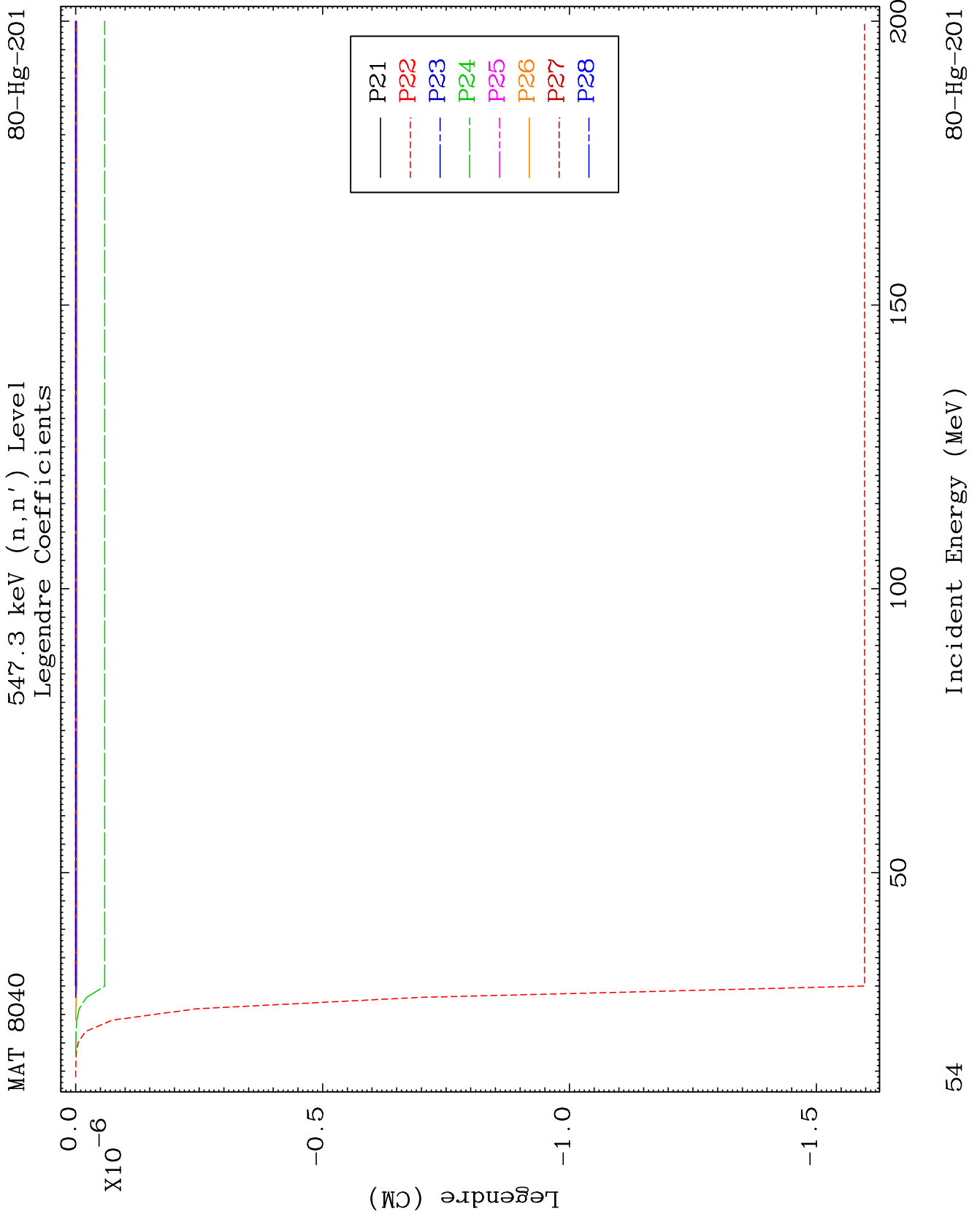
Incident Energy (MeV)

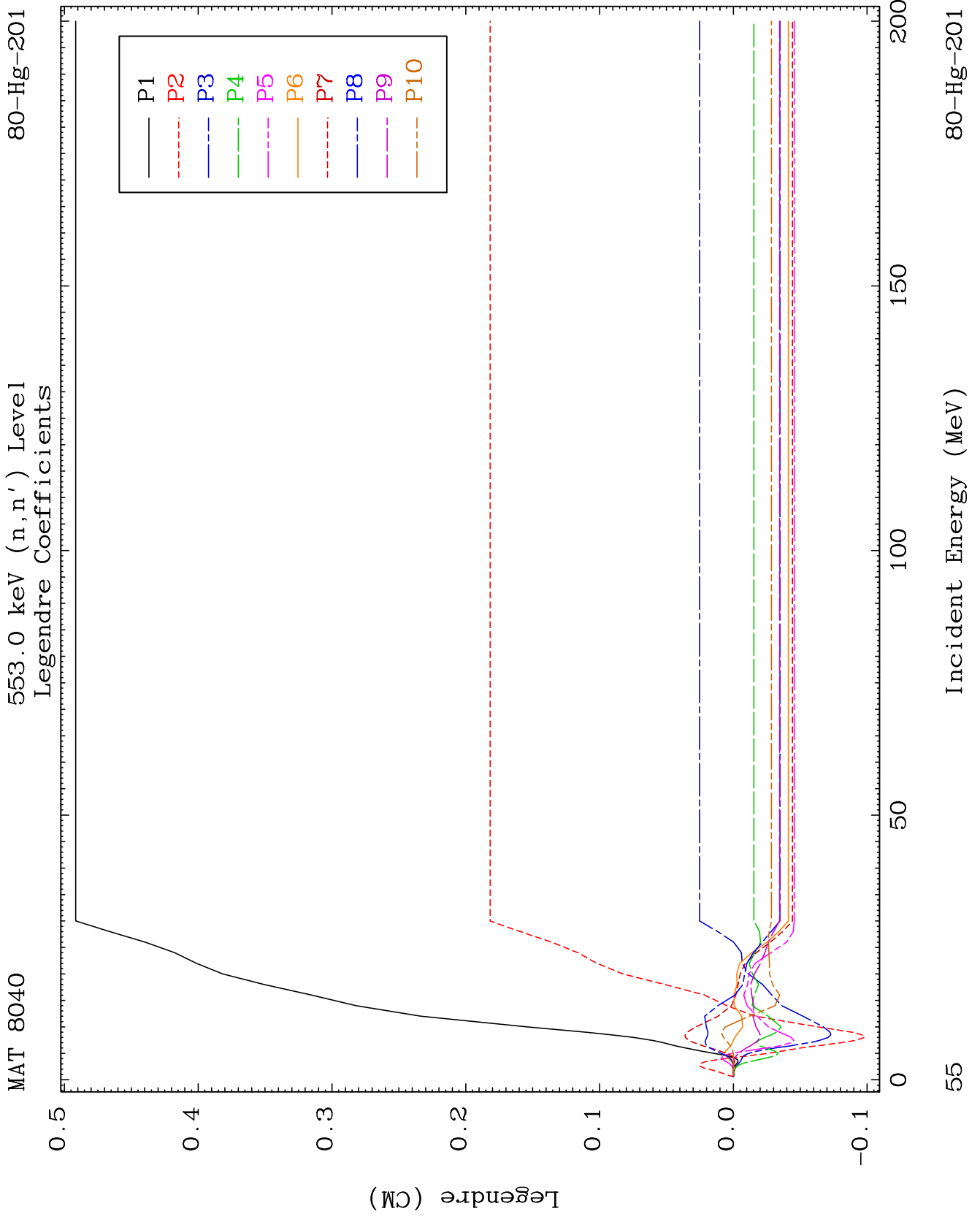
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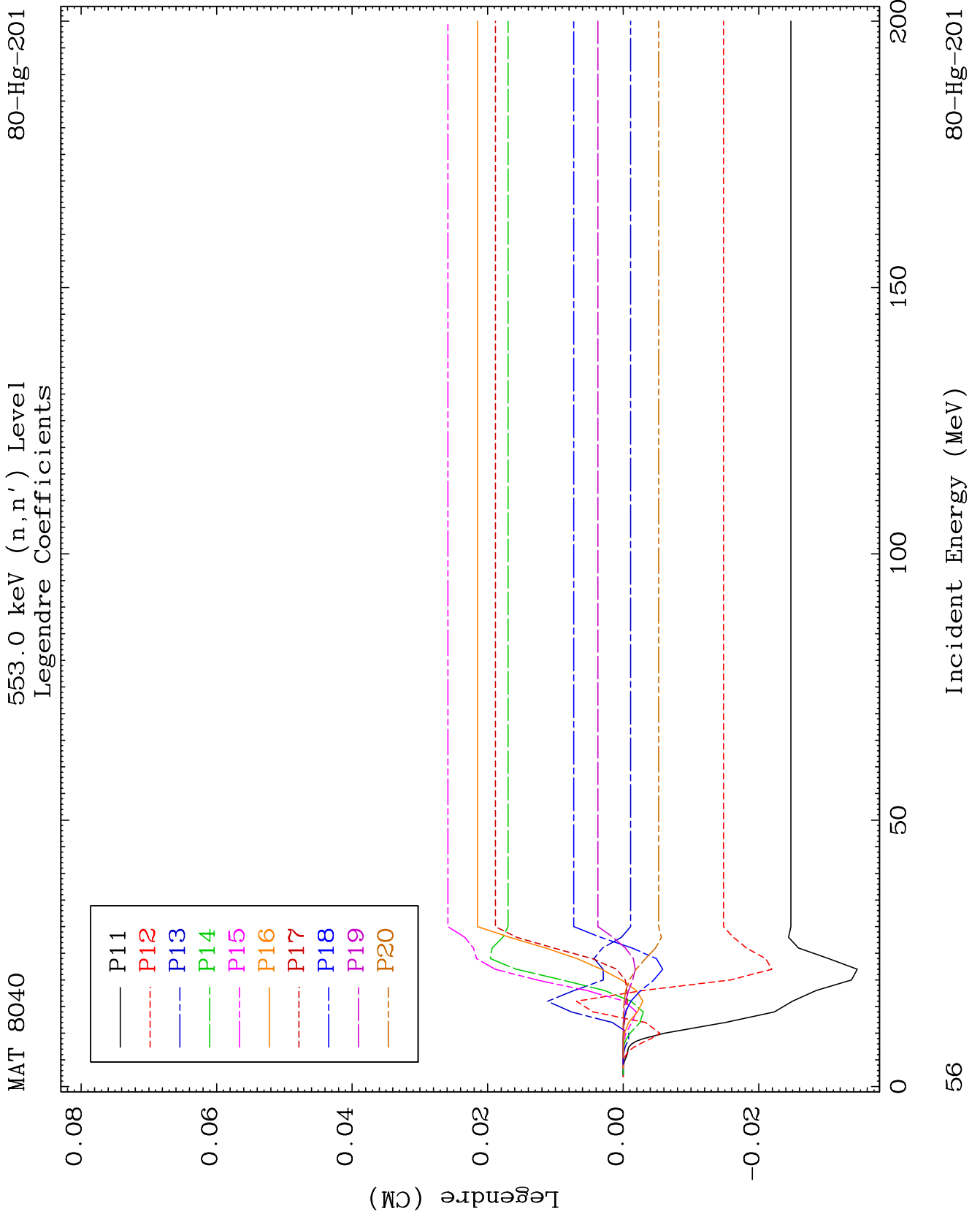


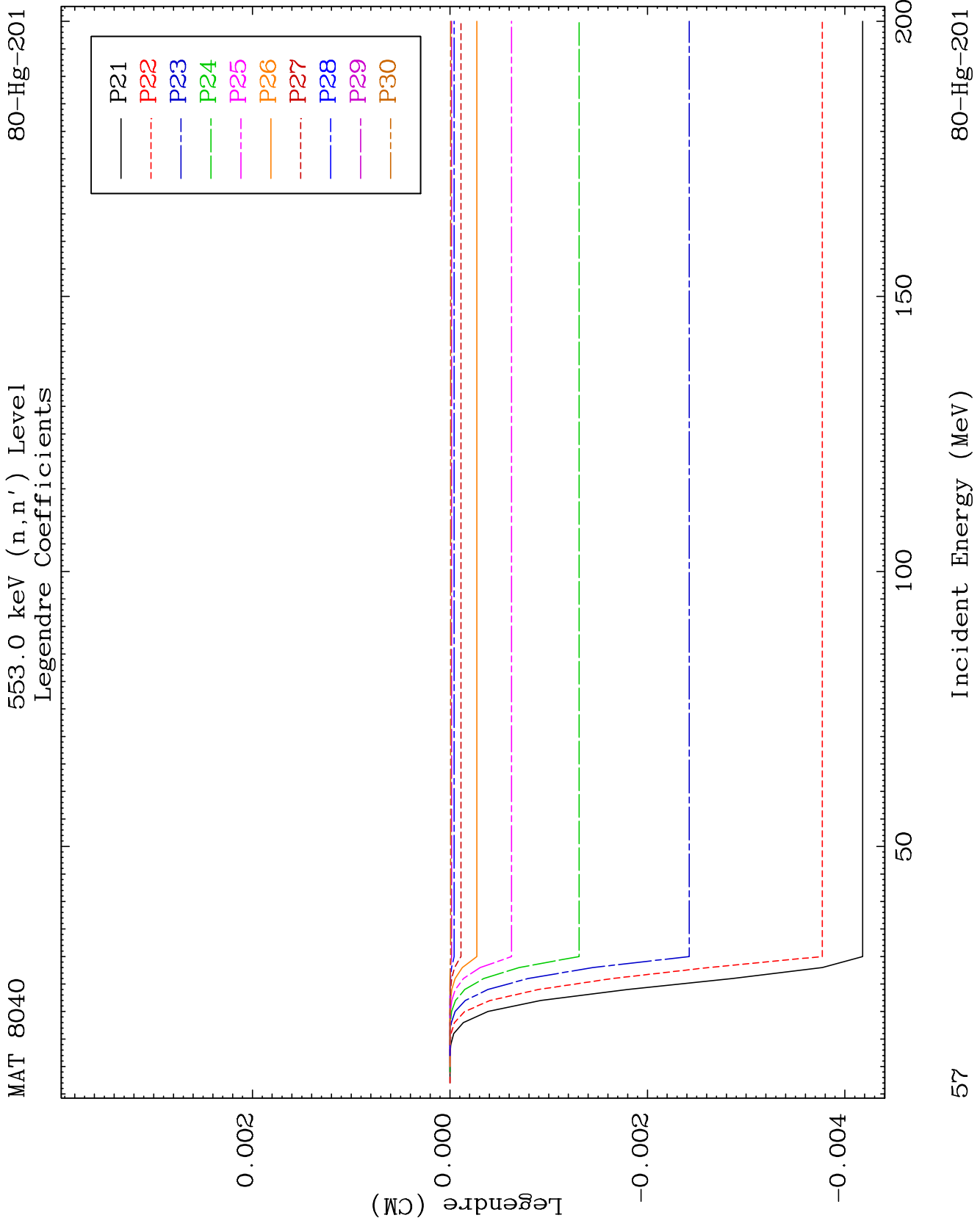


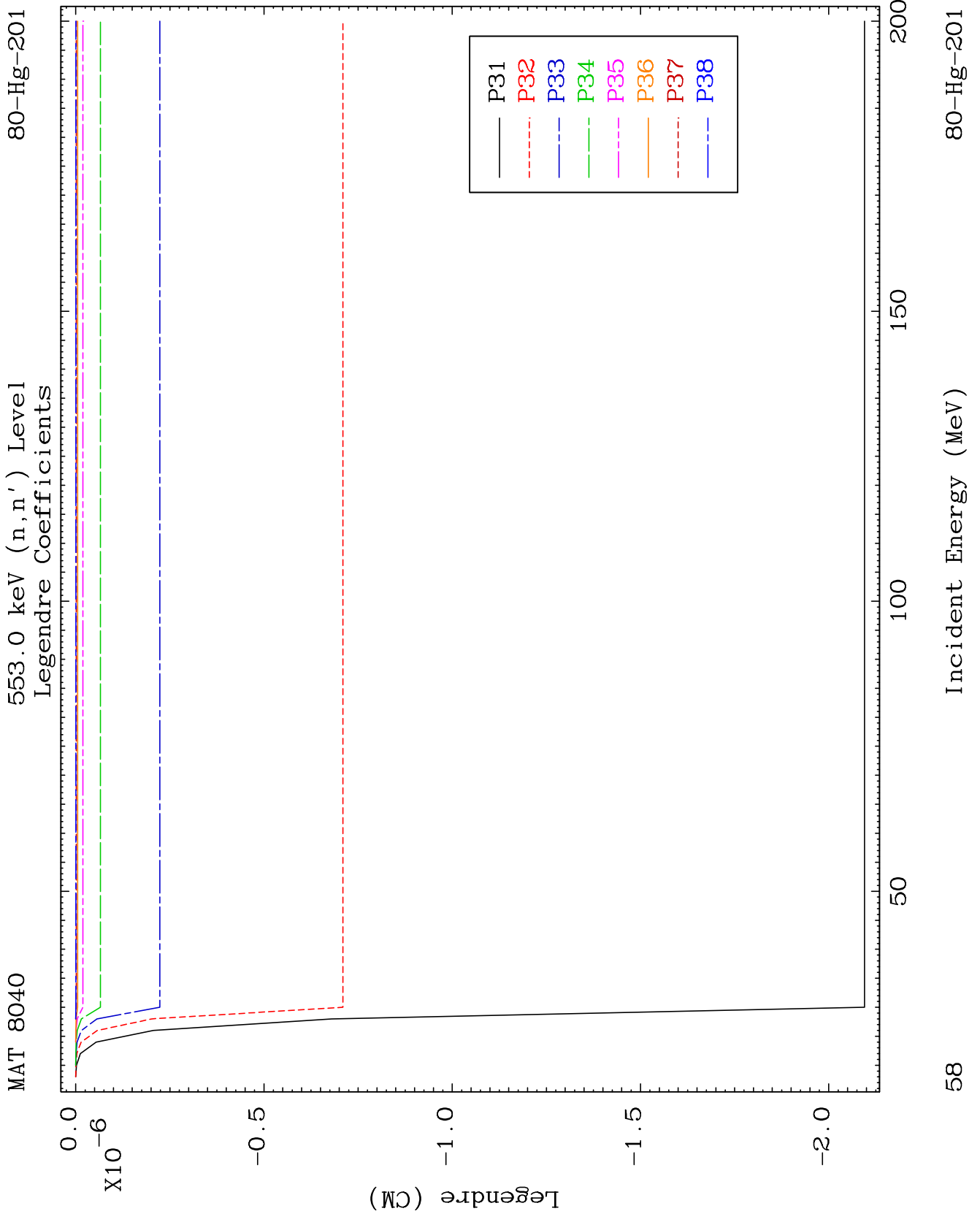


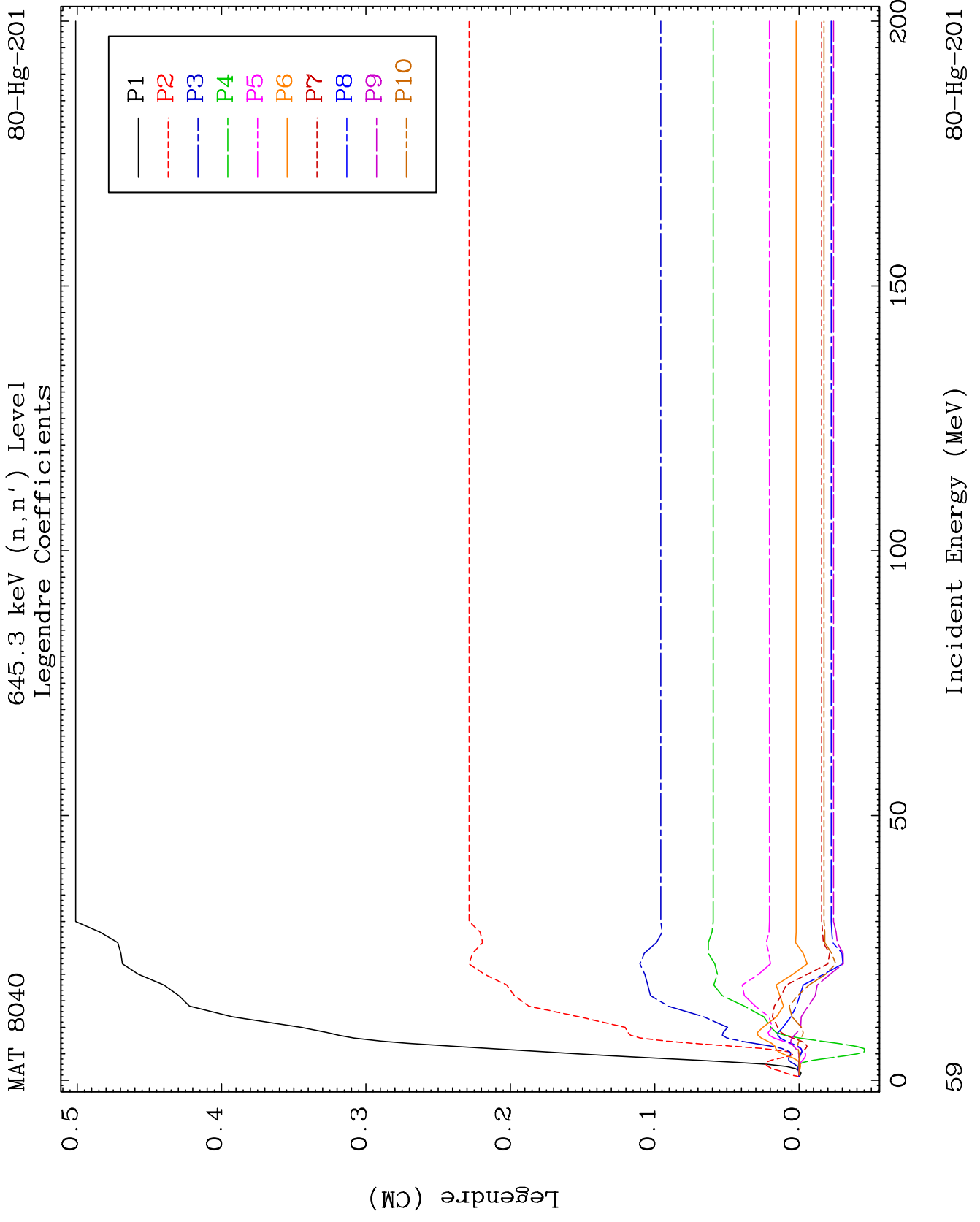








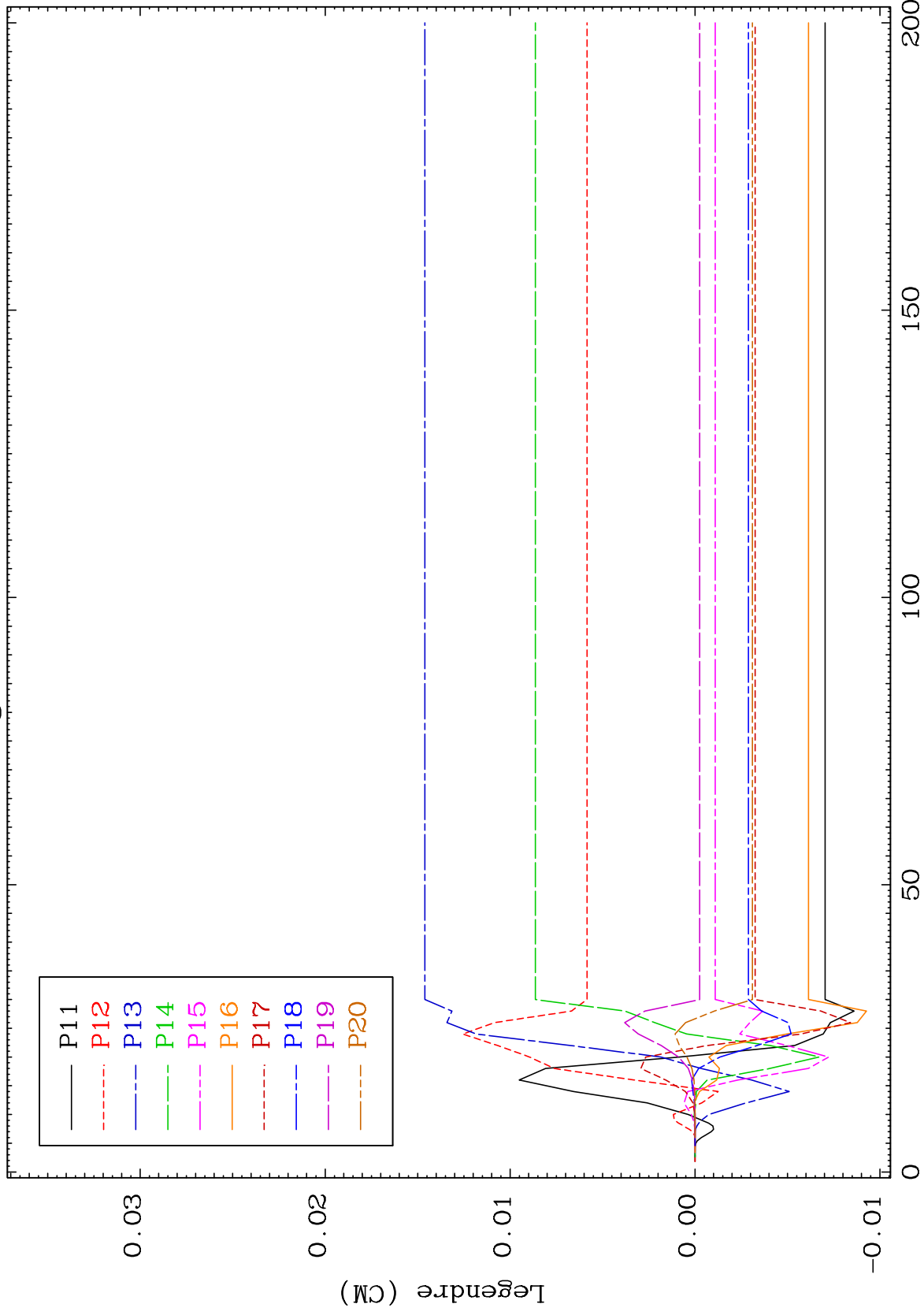




MAT 8040

645.3 keV (n,n') Level  
Legendre Coefficients

80-Hg-201



80-Hg-201

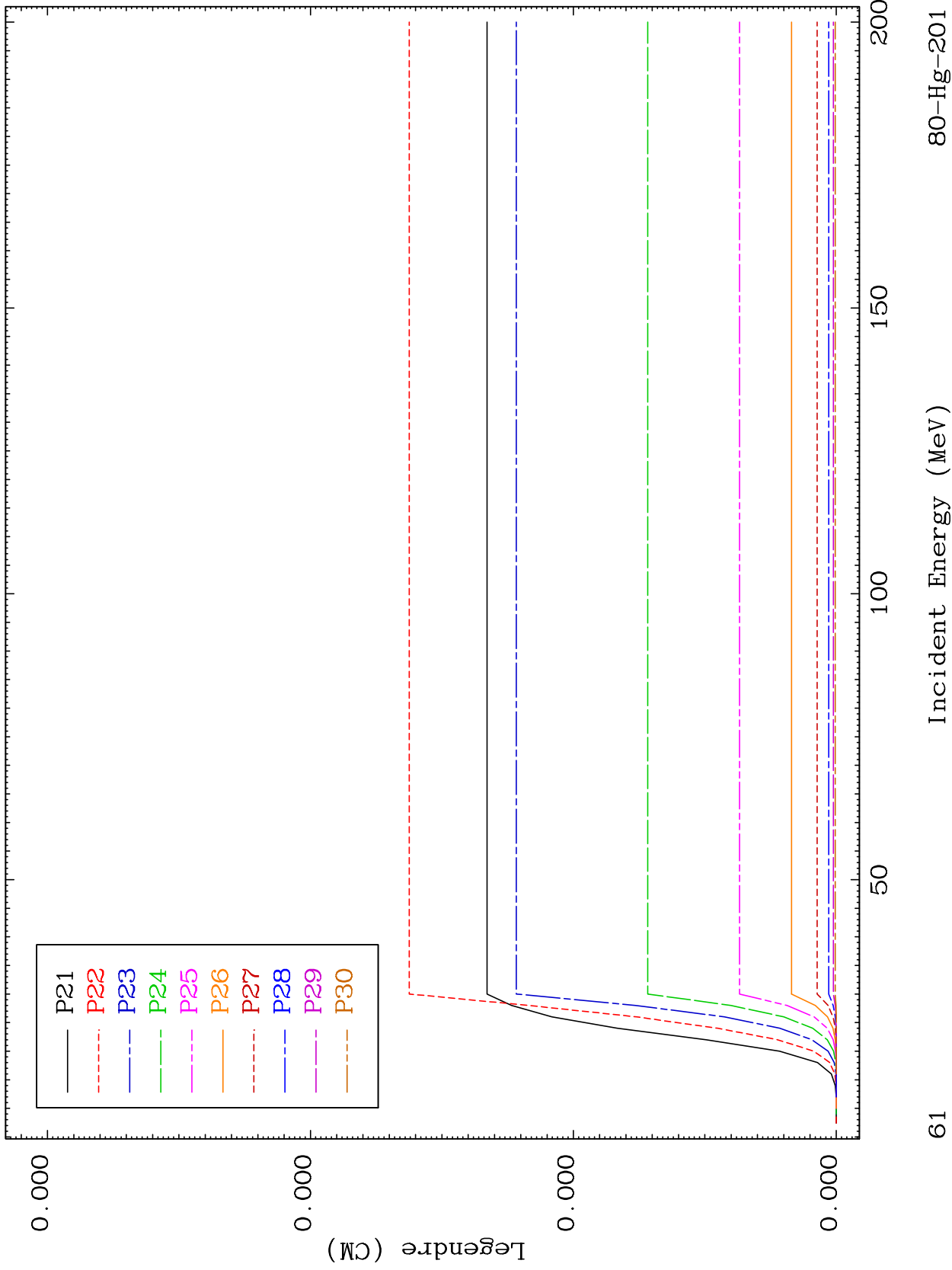
Incident Energy (MeV)

60

MAT 8040

645.3 keV (n,n') Level  
Legendre Coefficients

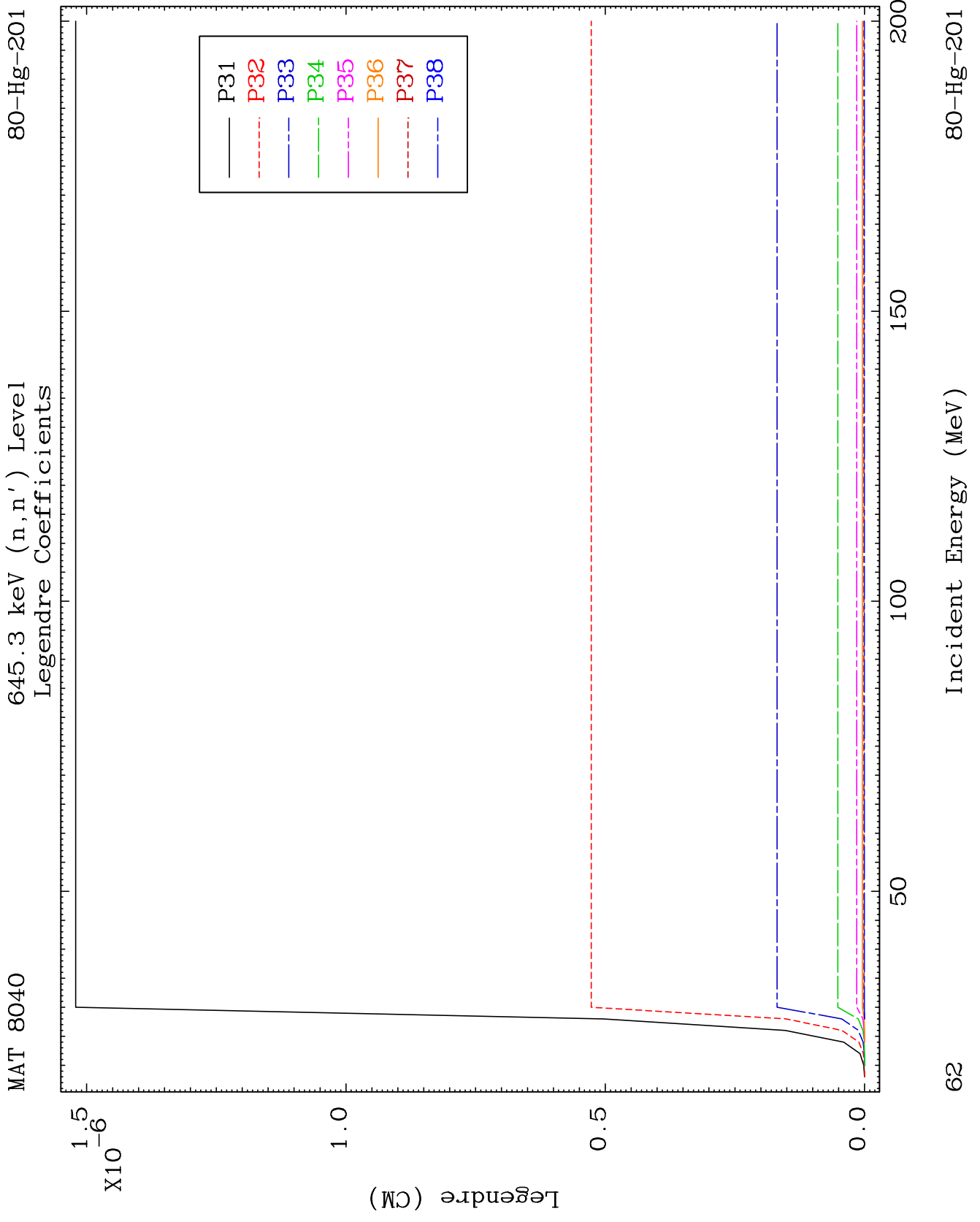
80-Hg-201

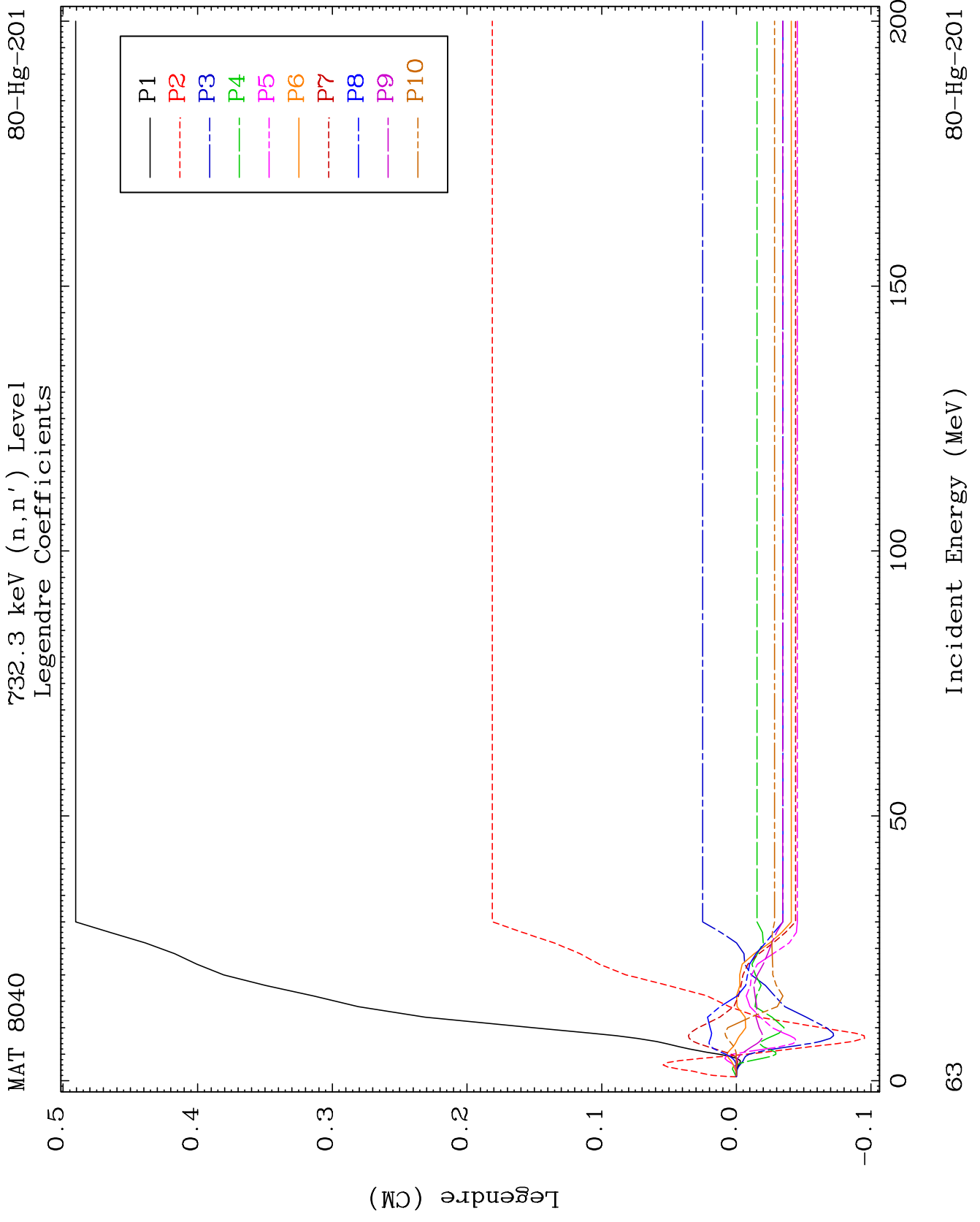


61

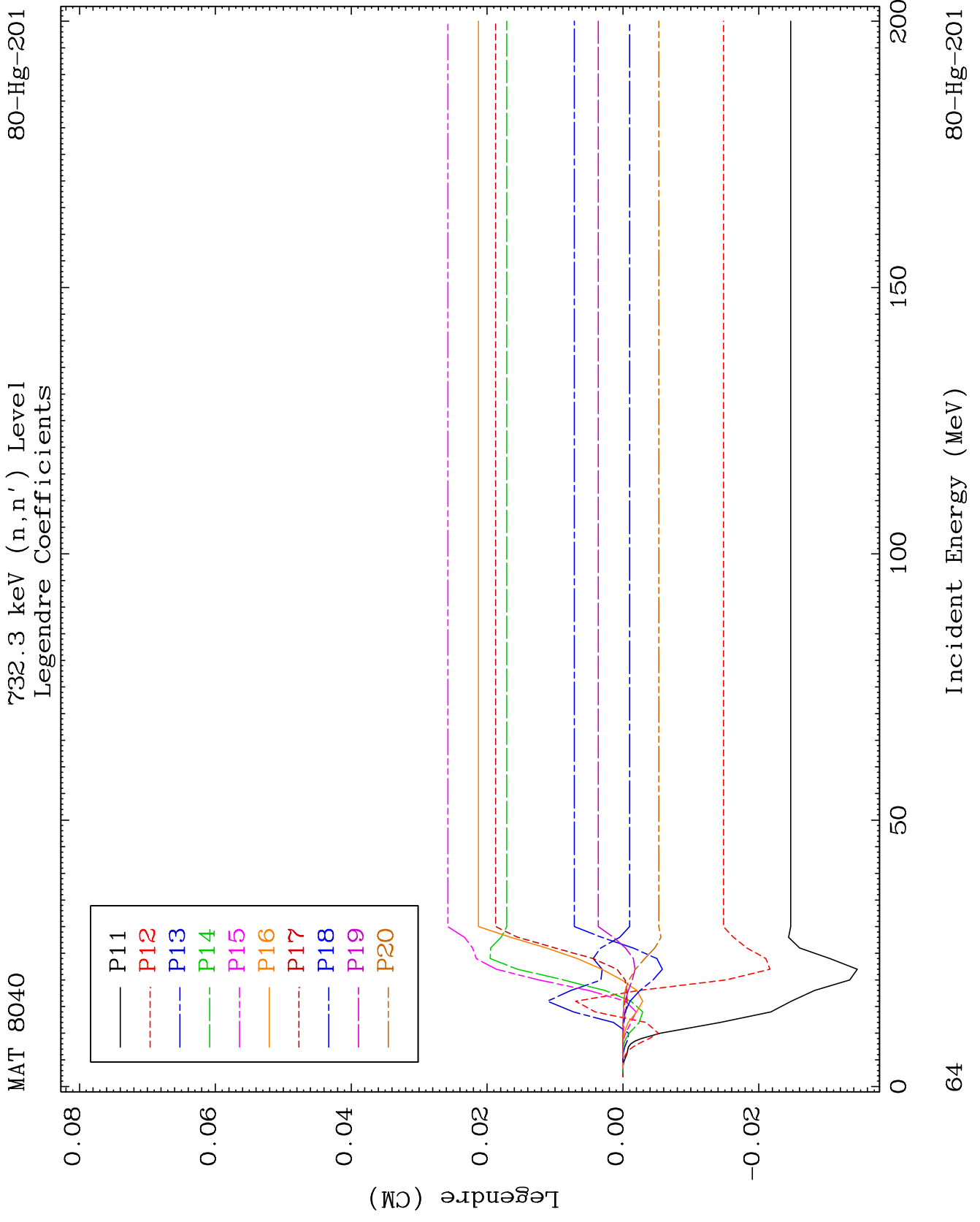
Incident Energy (MeV)

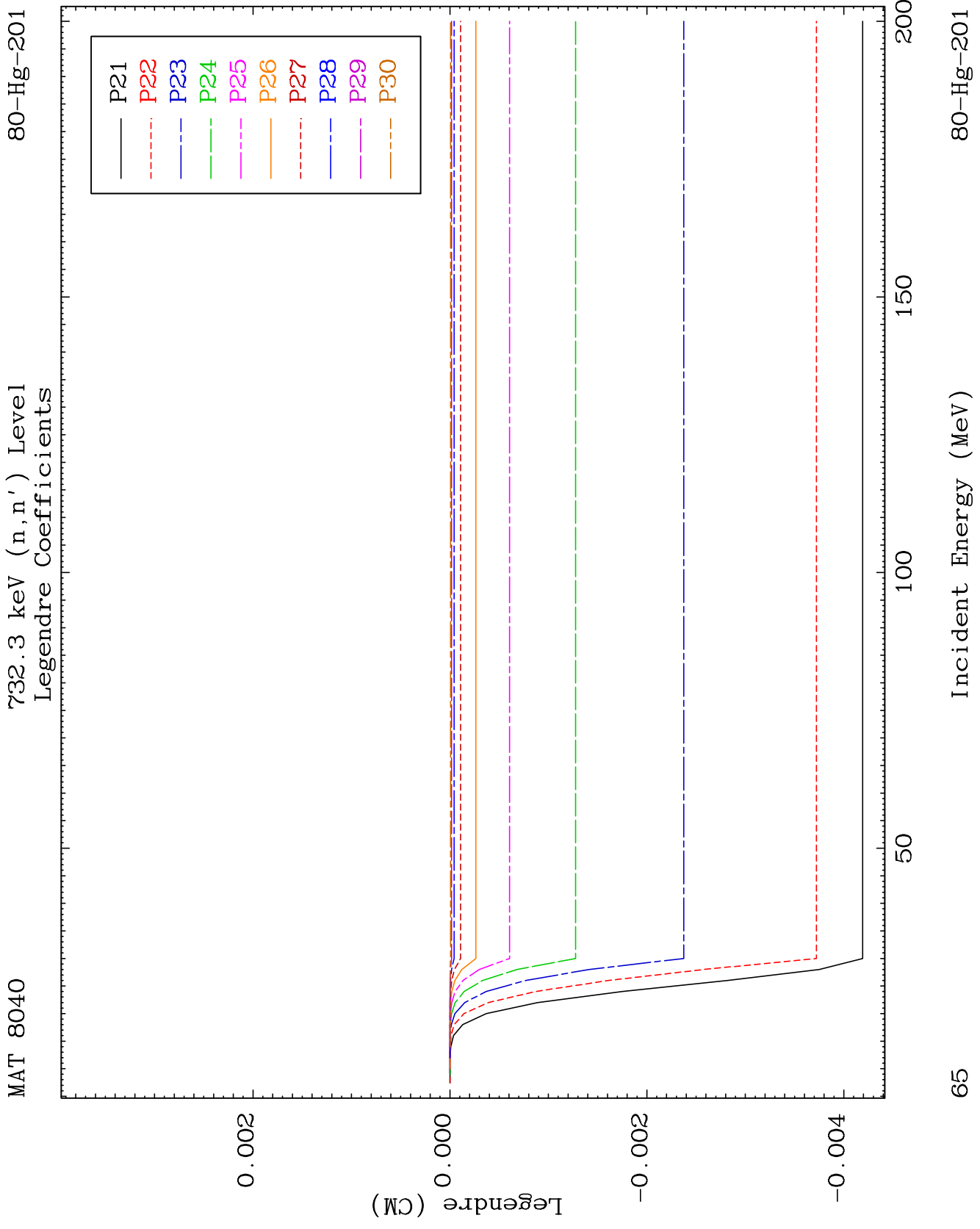
80-Hg-201

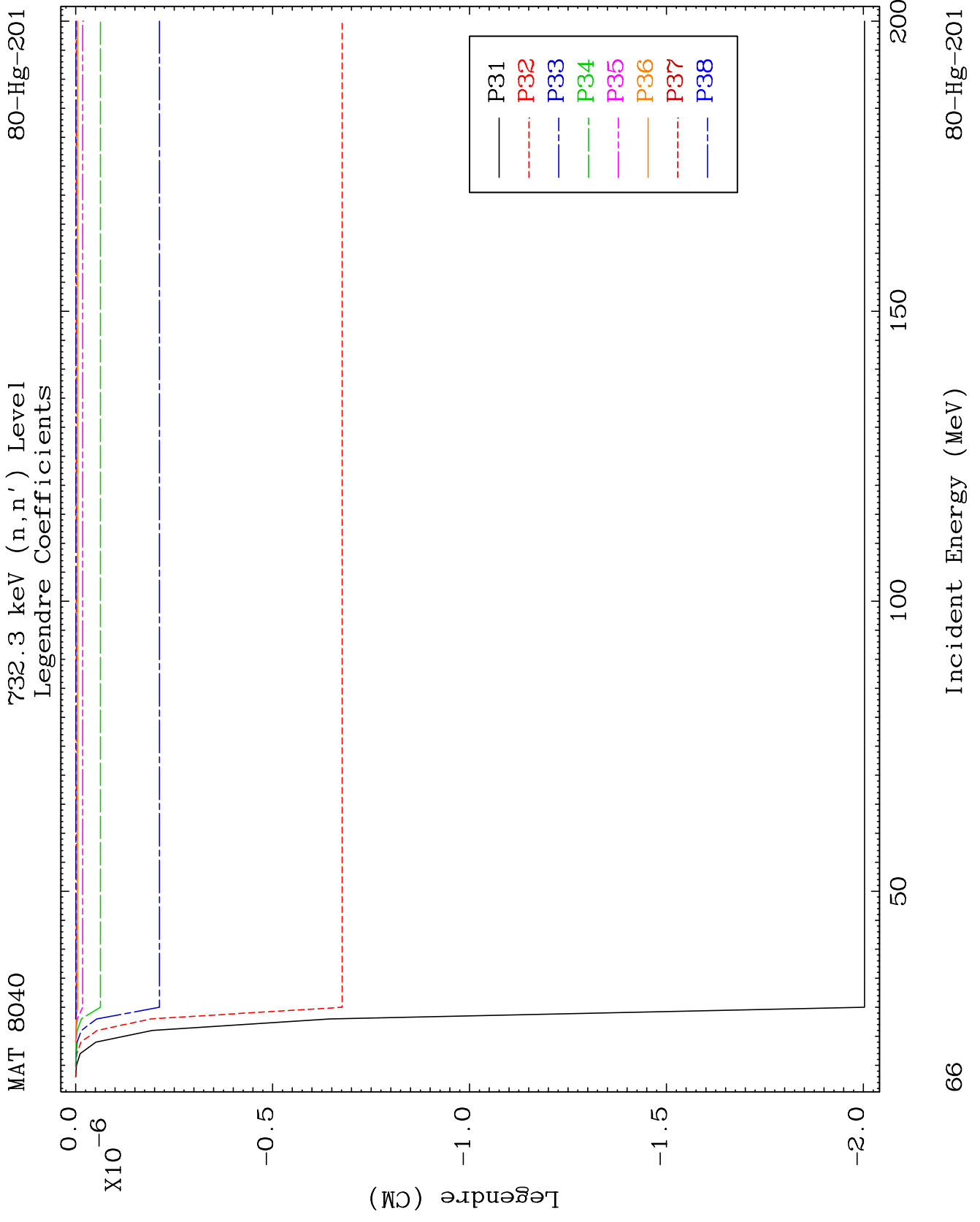




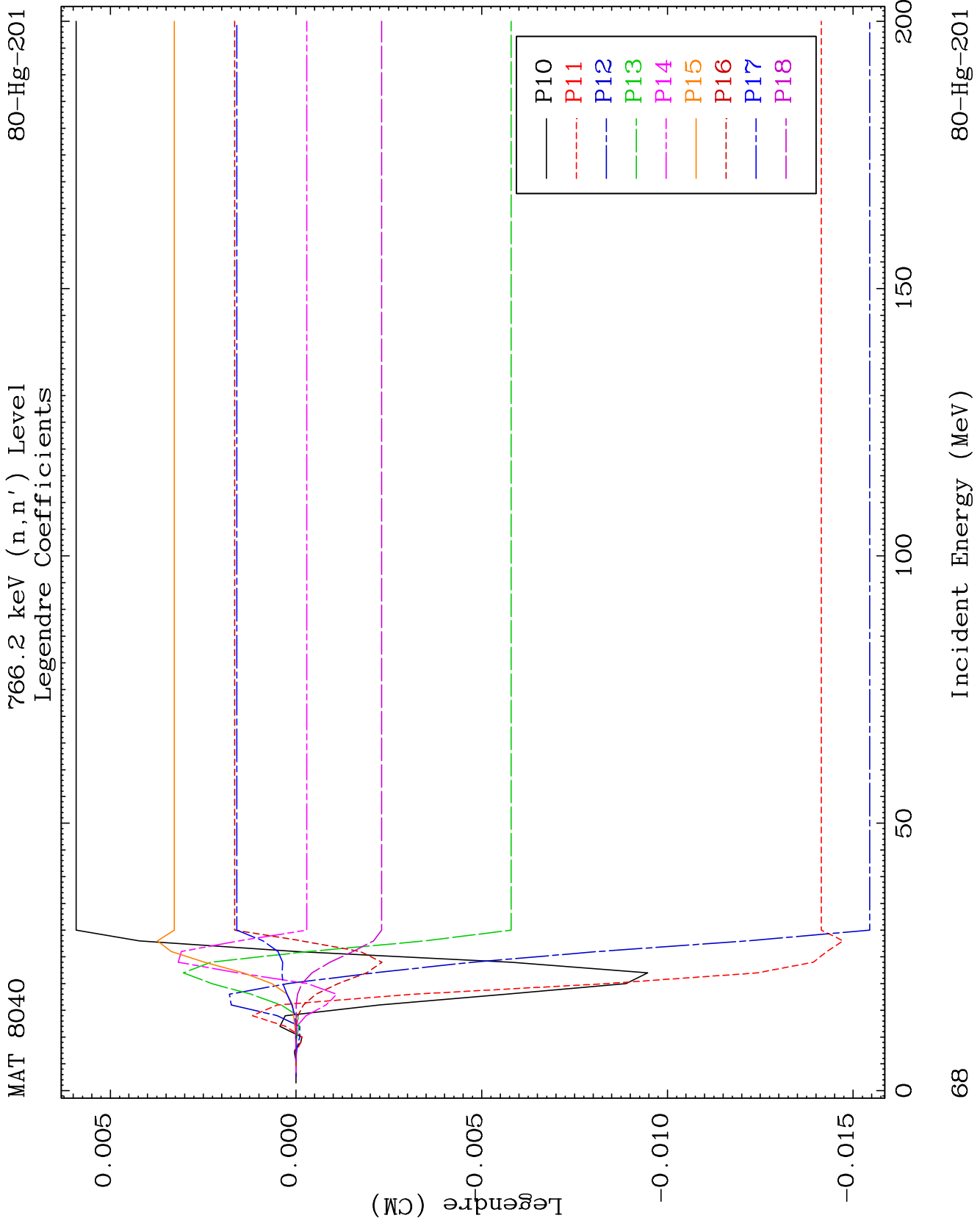




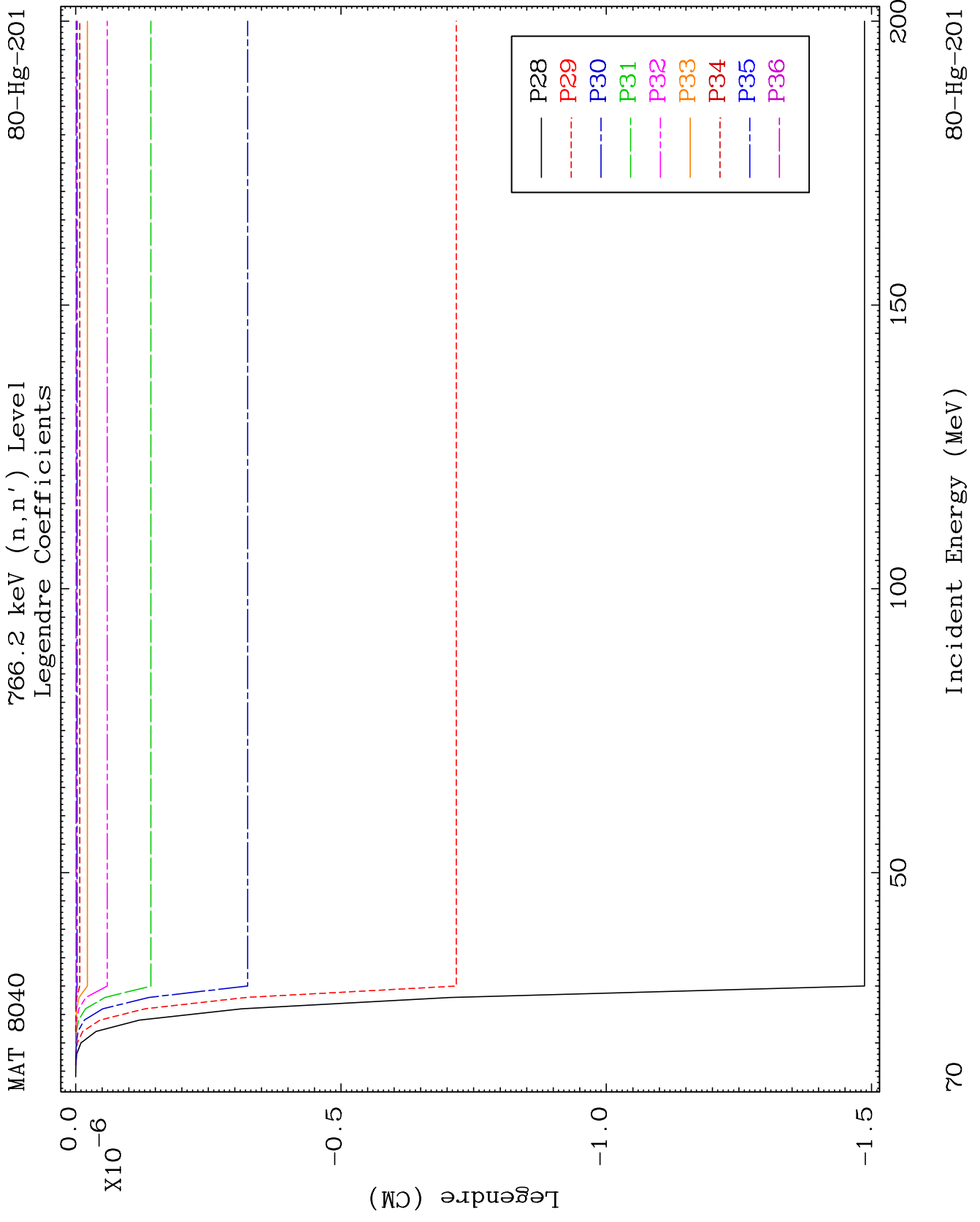


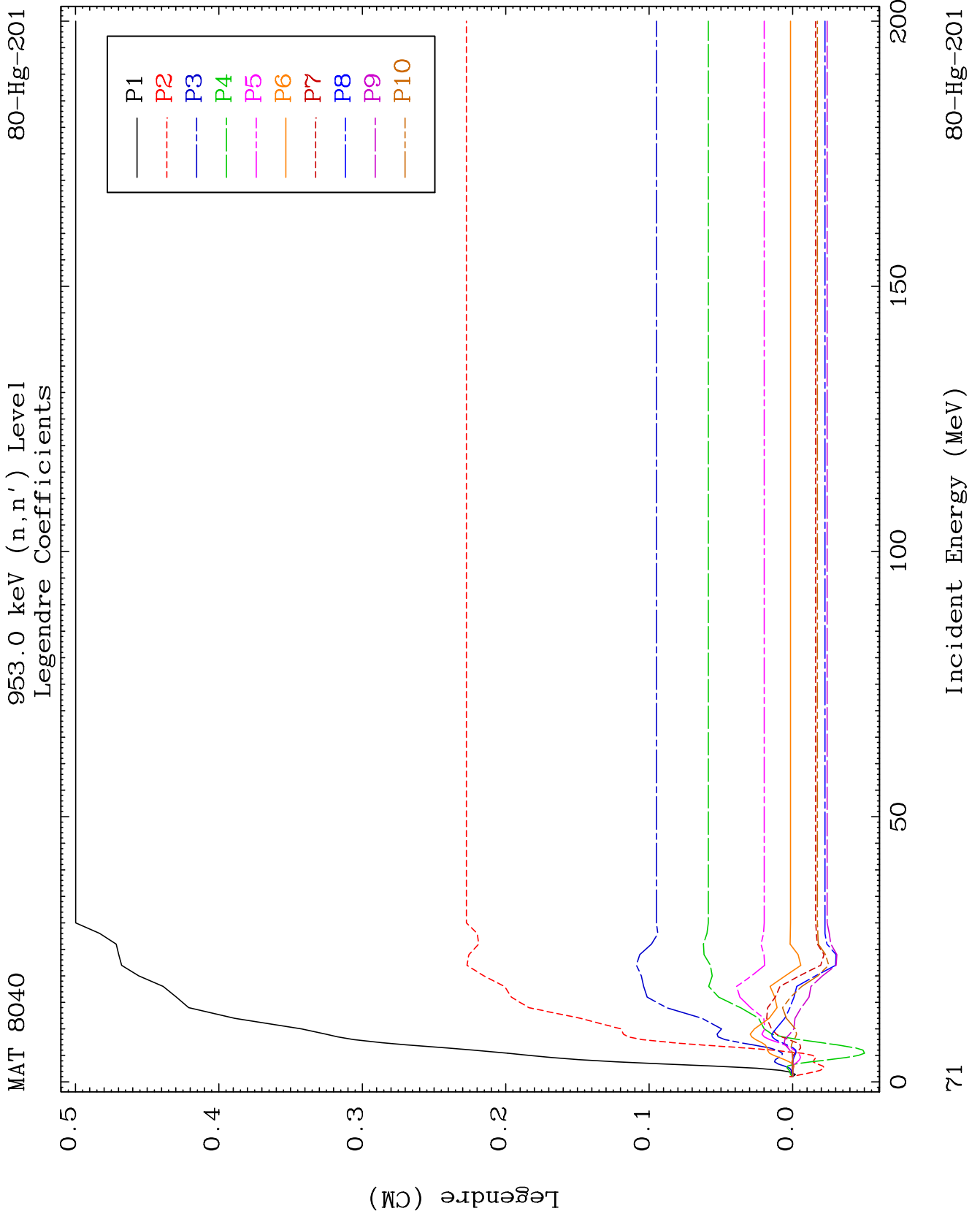










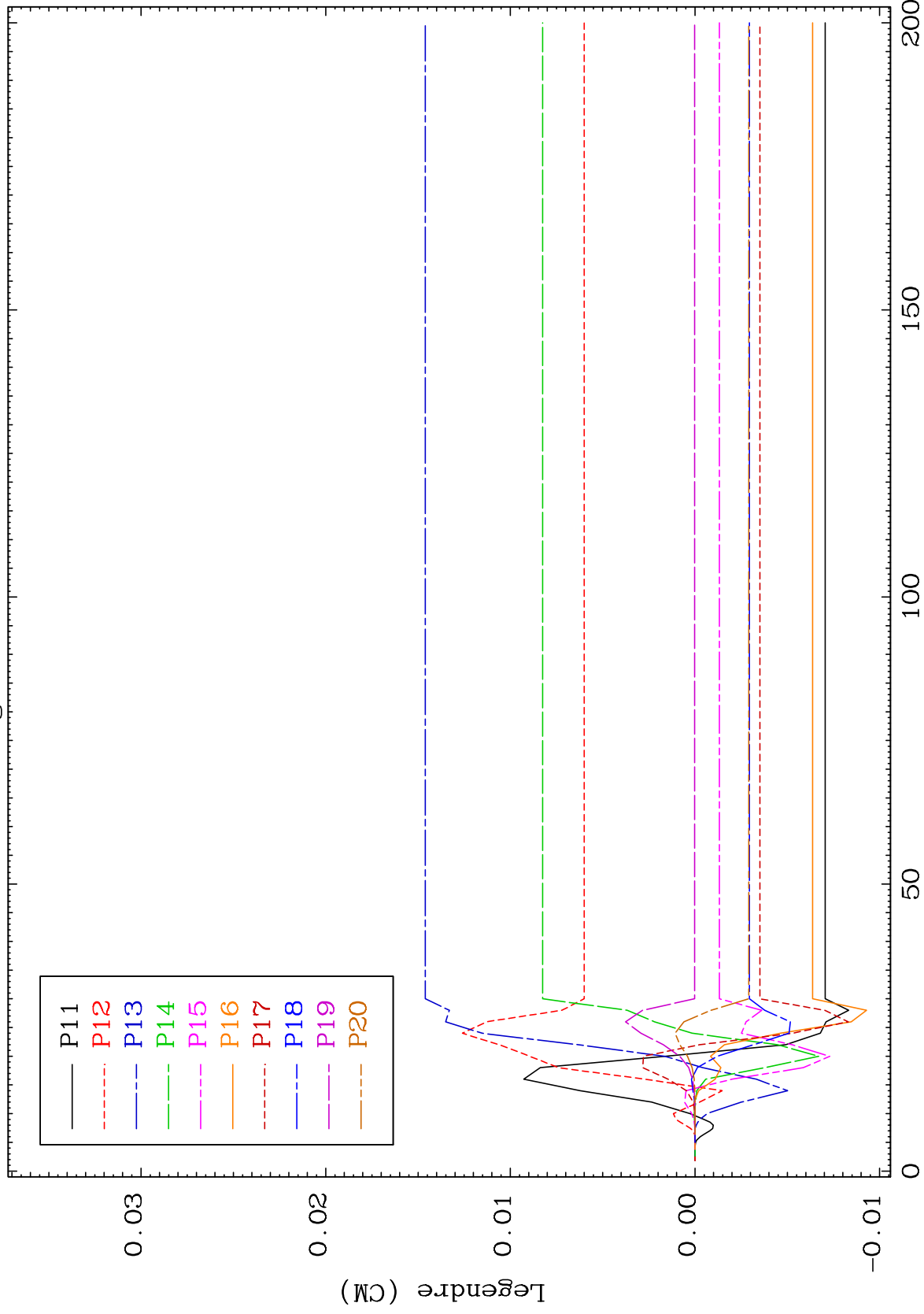




MAT 8040

953.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-201



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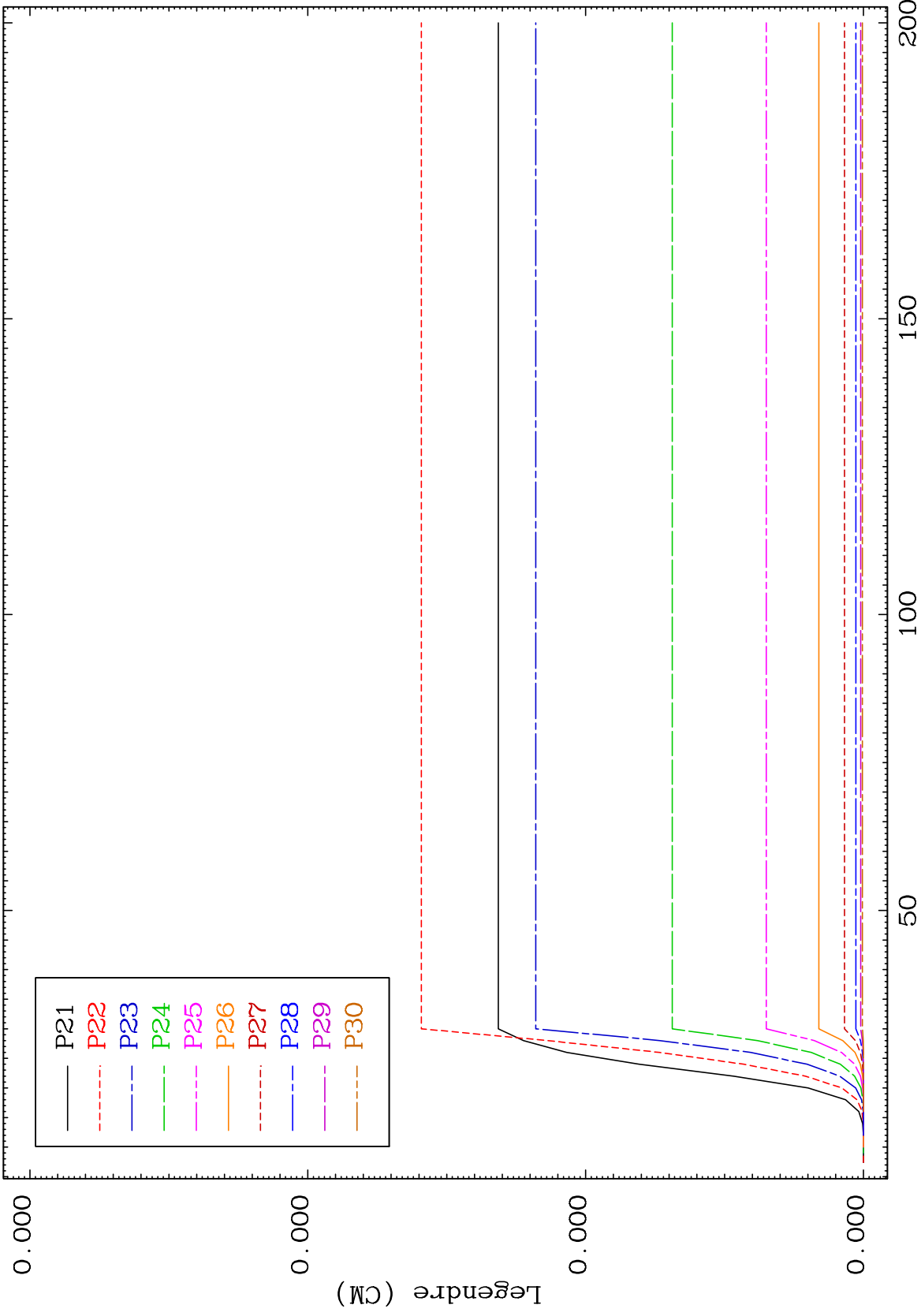
Incident Energy (MeV)

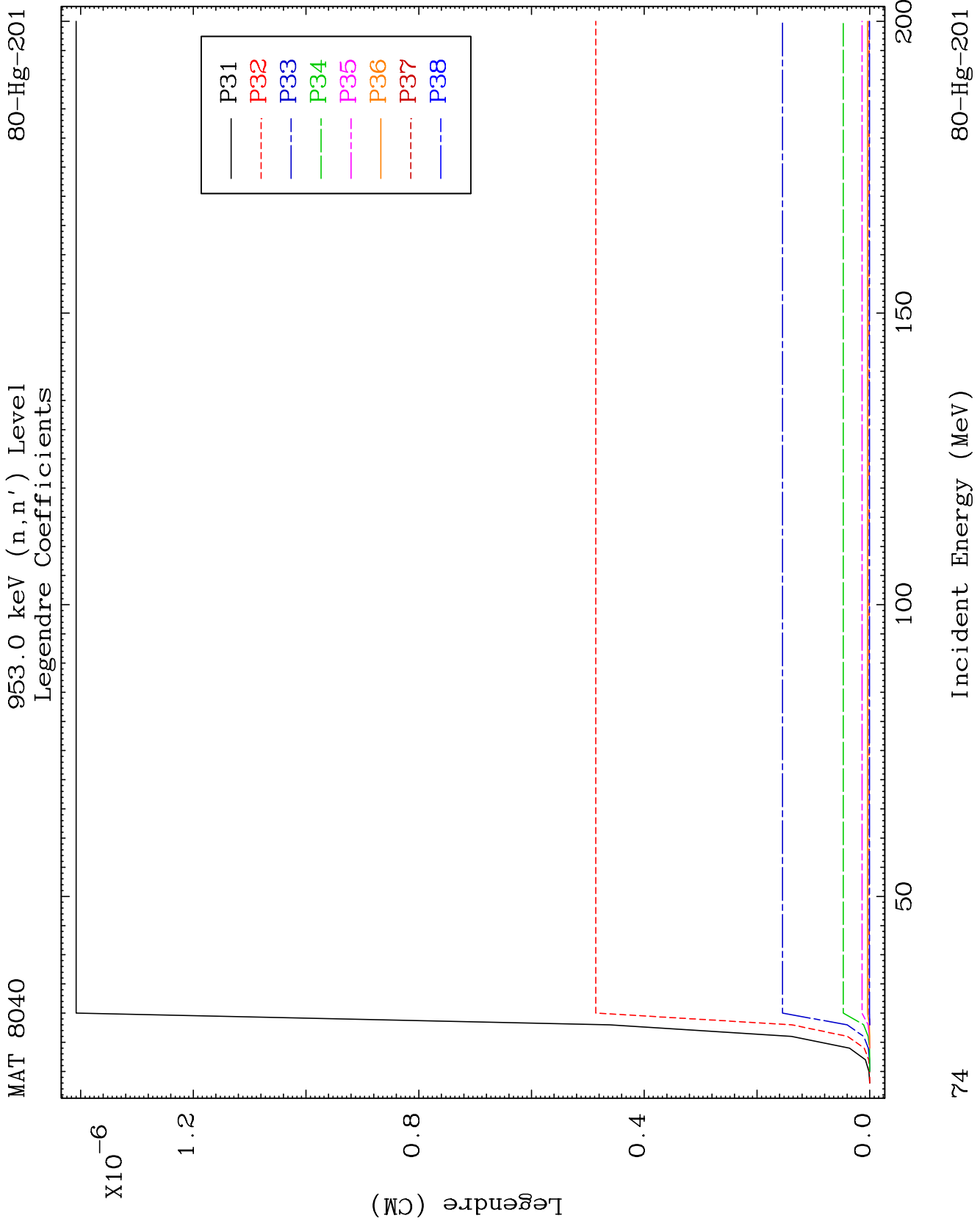
80-Hg-201

MAT 8040

953.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-201

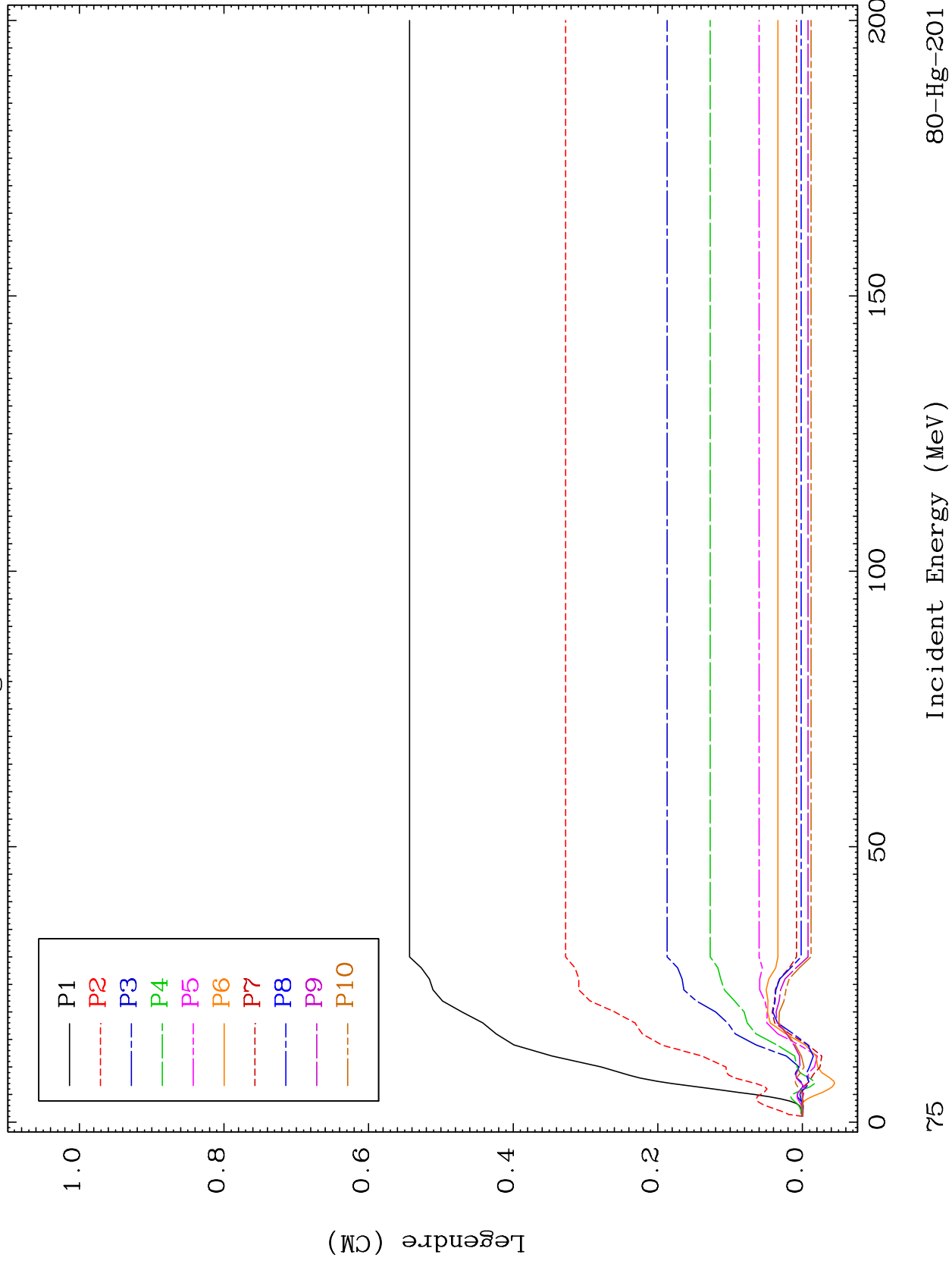




MAT 8040

1.035 MeV (n,n') Level  
Legendre Coefficients

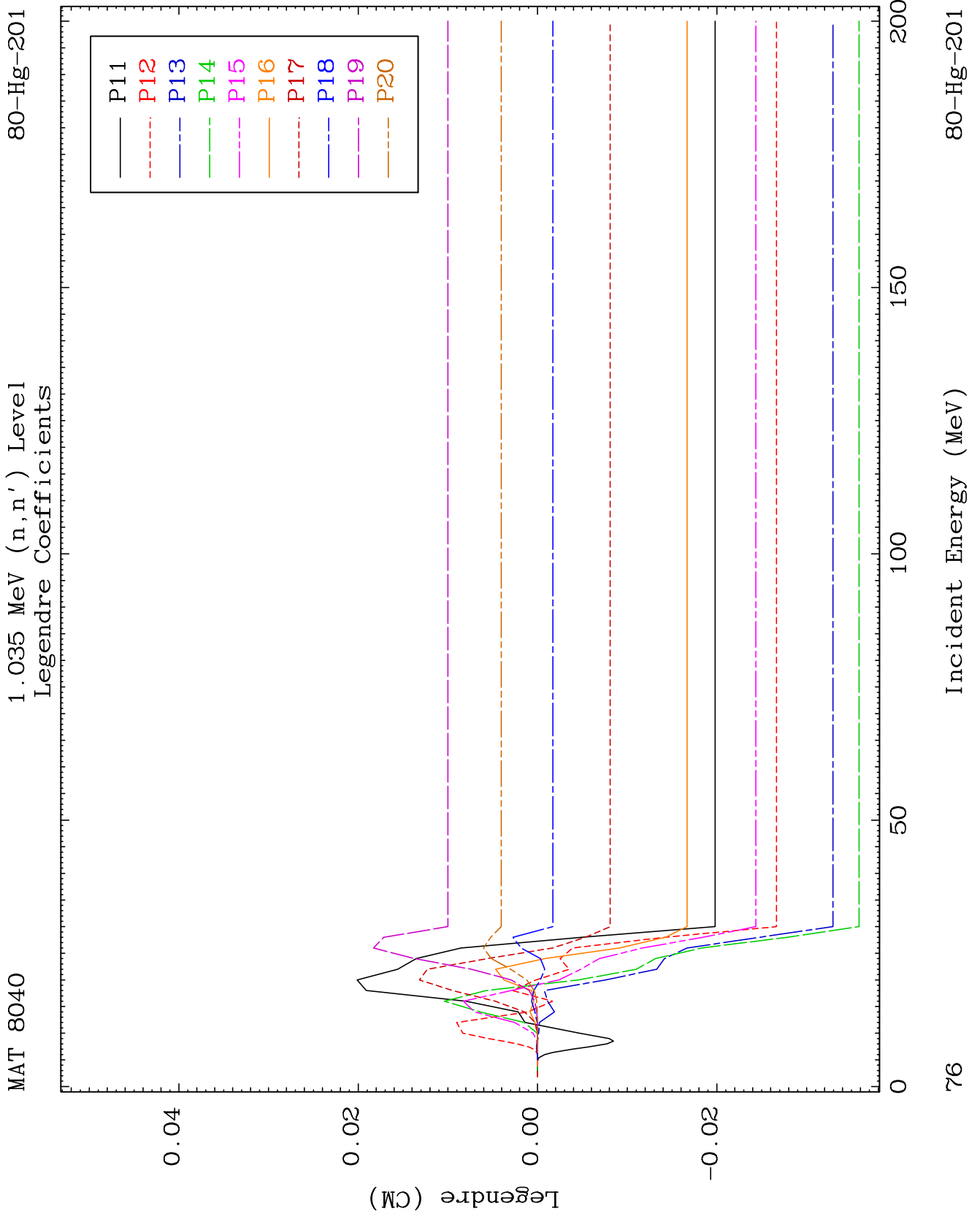
80-Hg-201

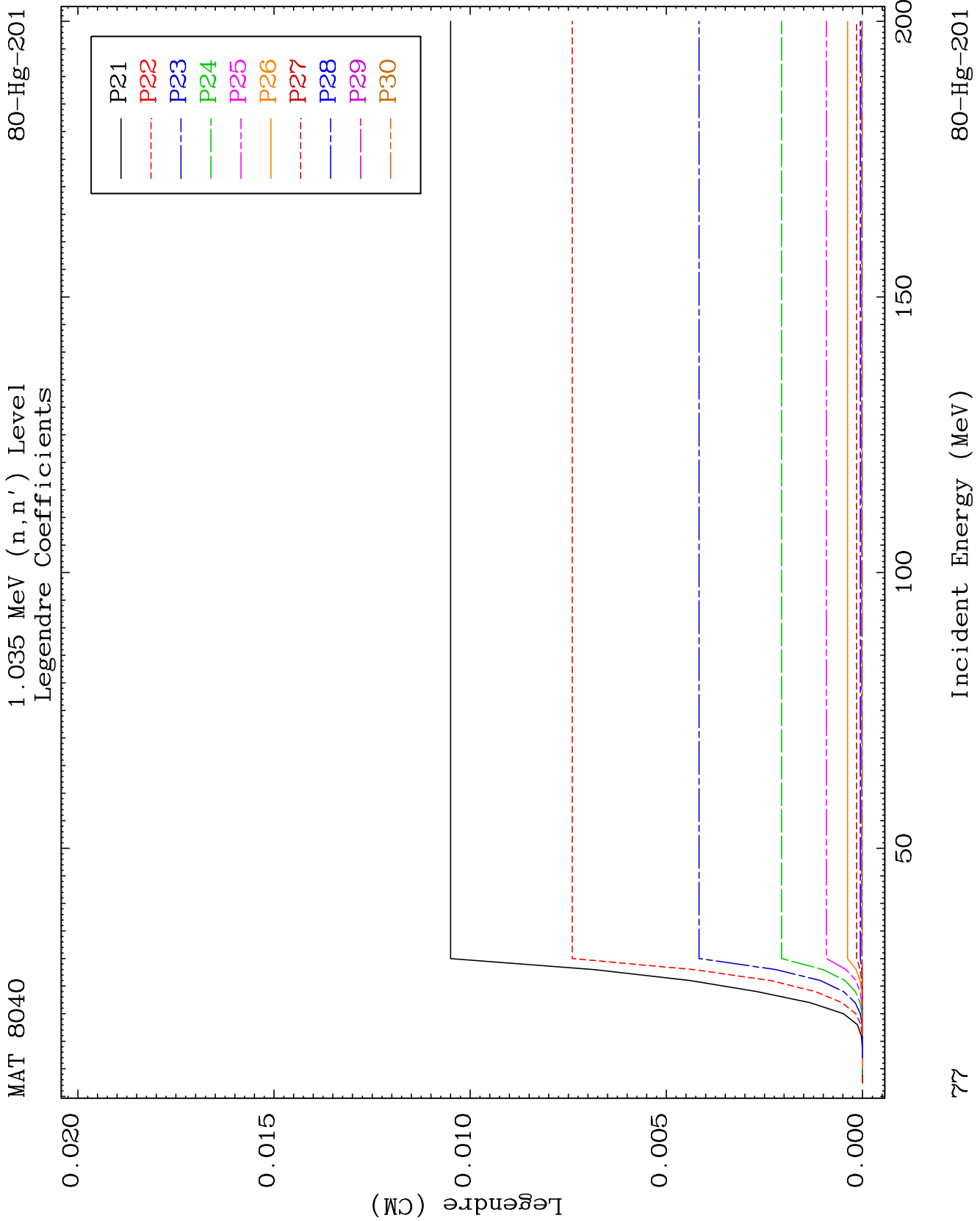


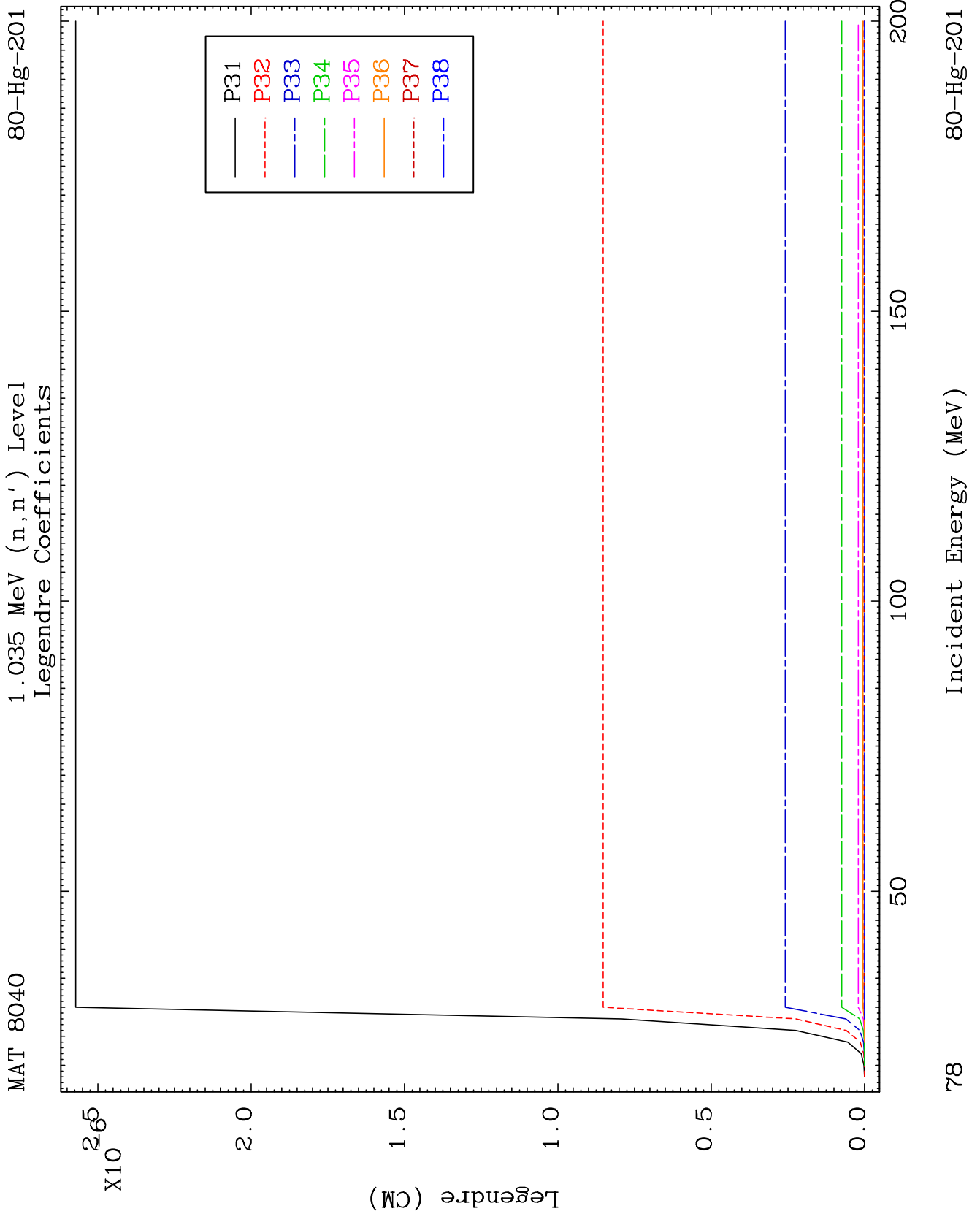
80-Hg-201

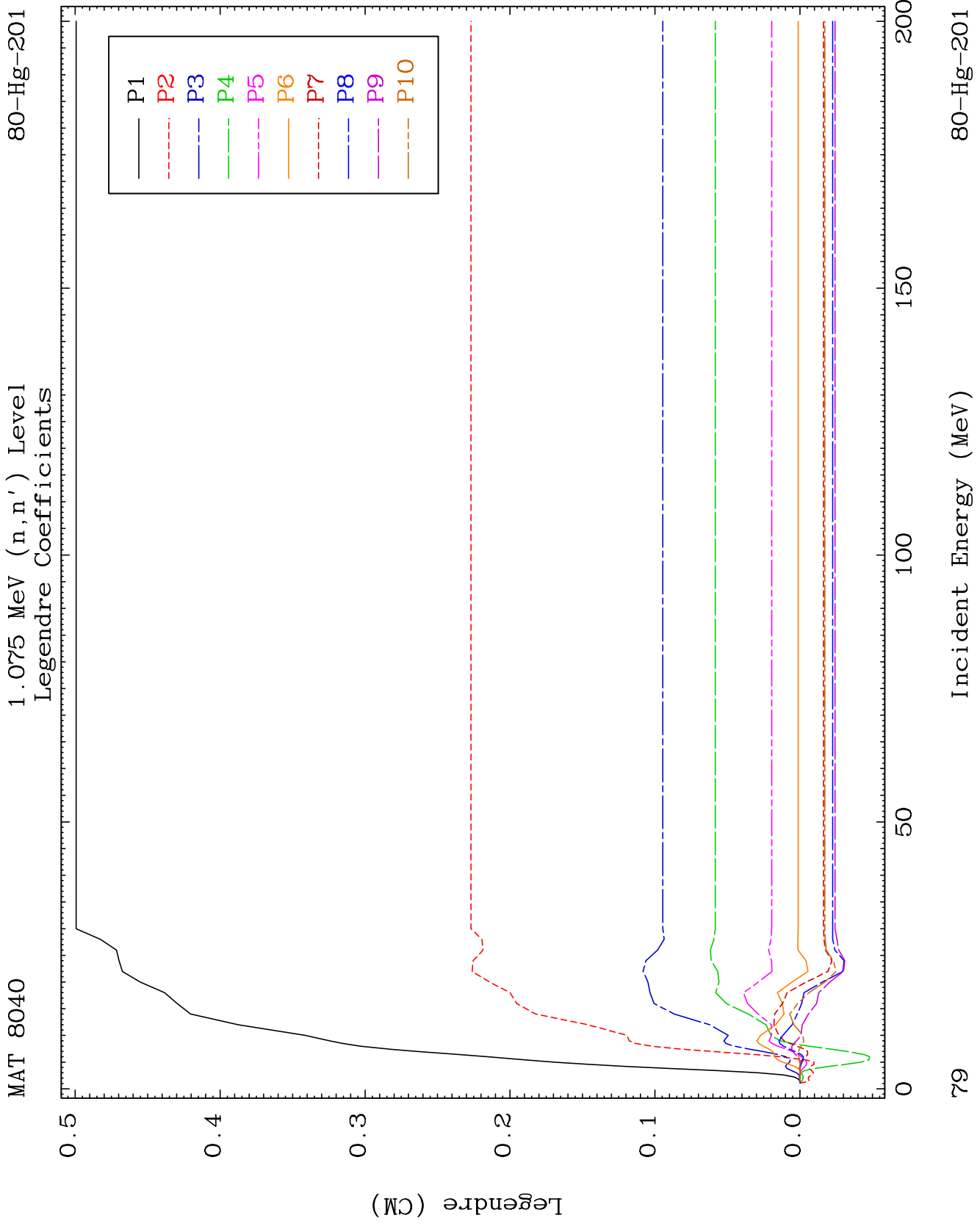
Incident Energy (MeV)

75







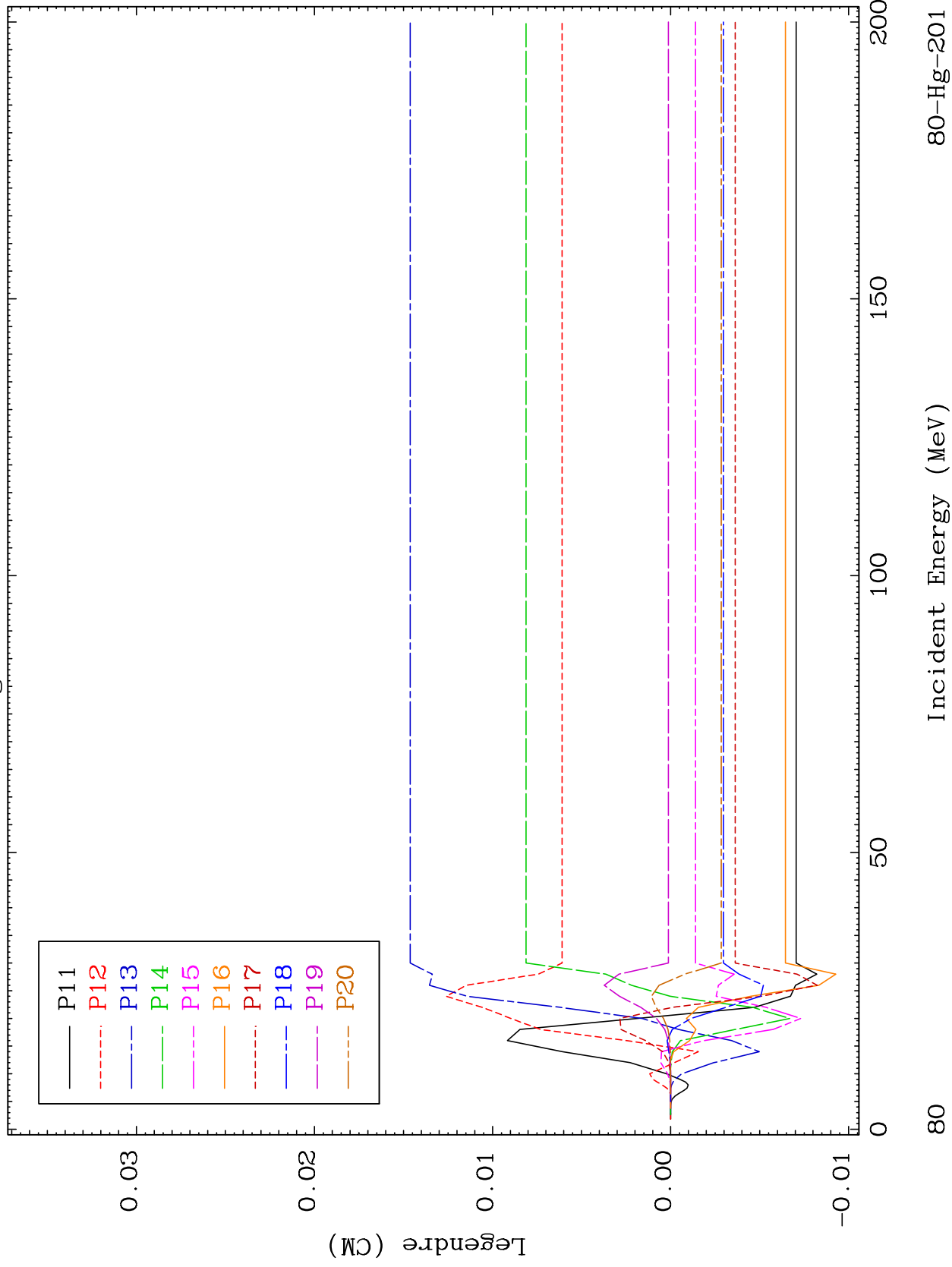




MAT 8040

1.075 MeV (n,n') Level  
Legendre Coefficients

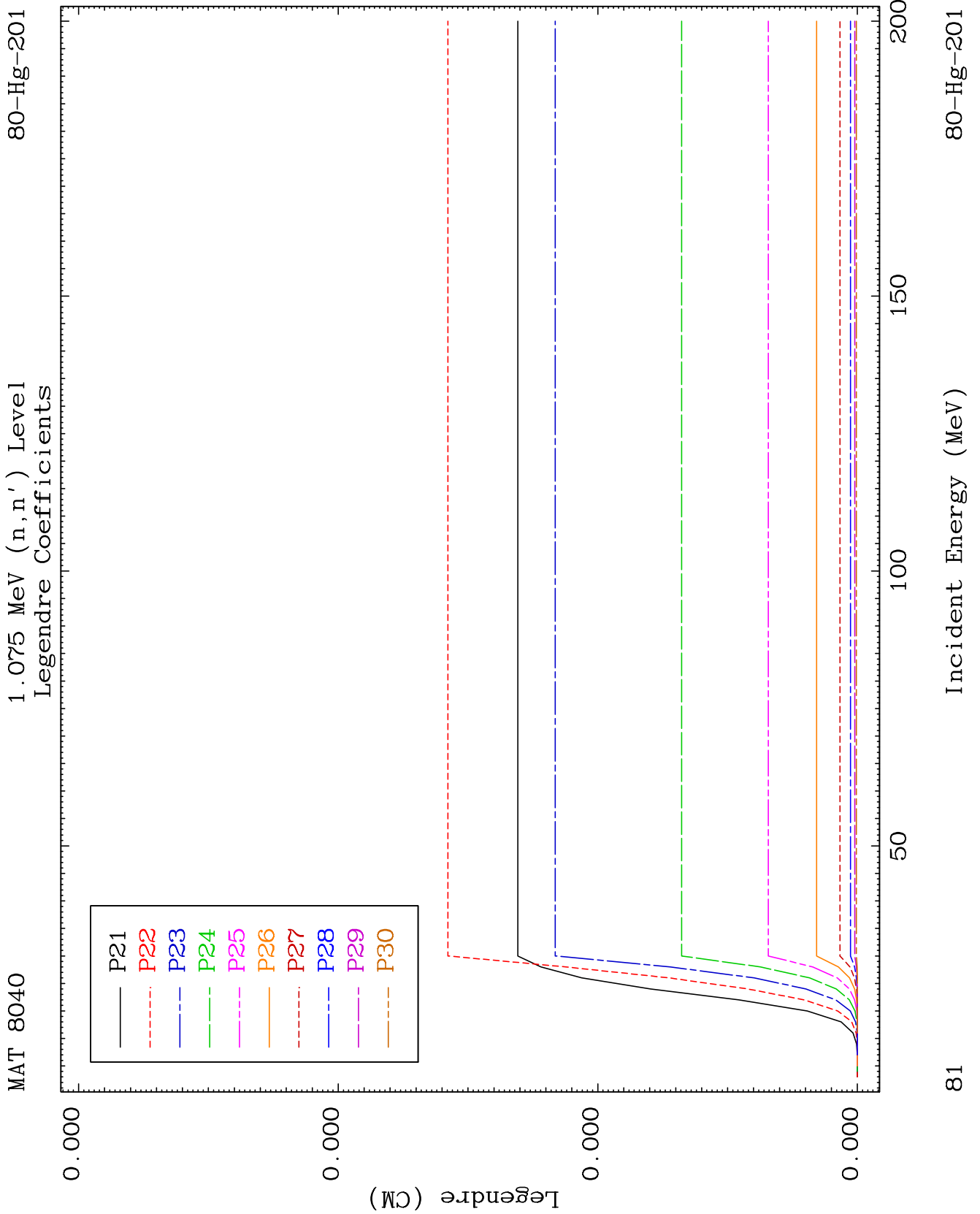
80-Hg-201

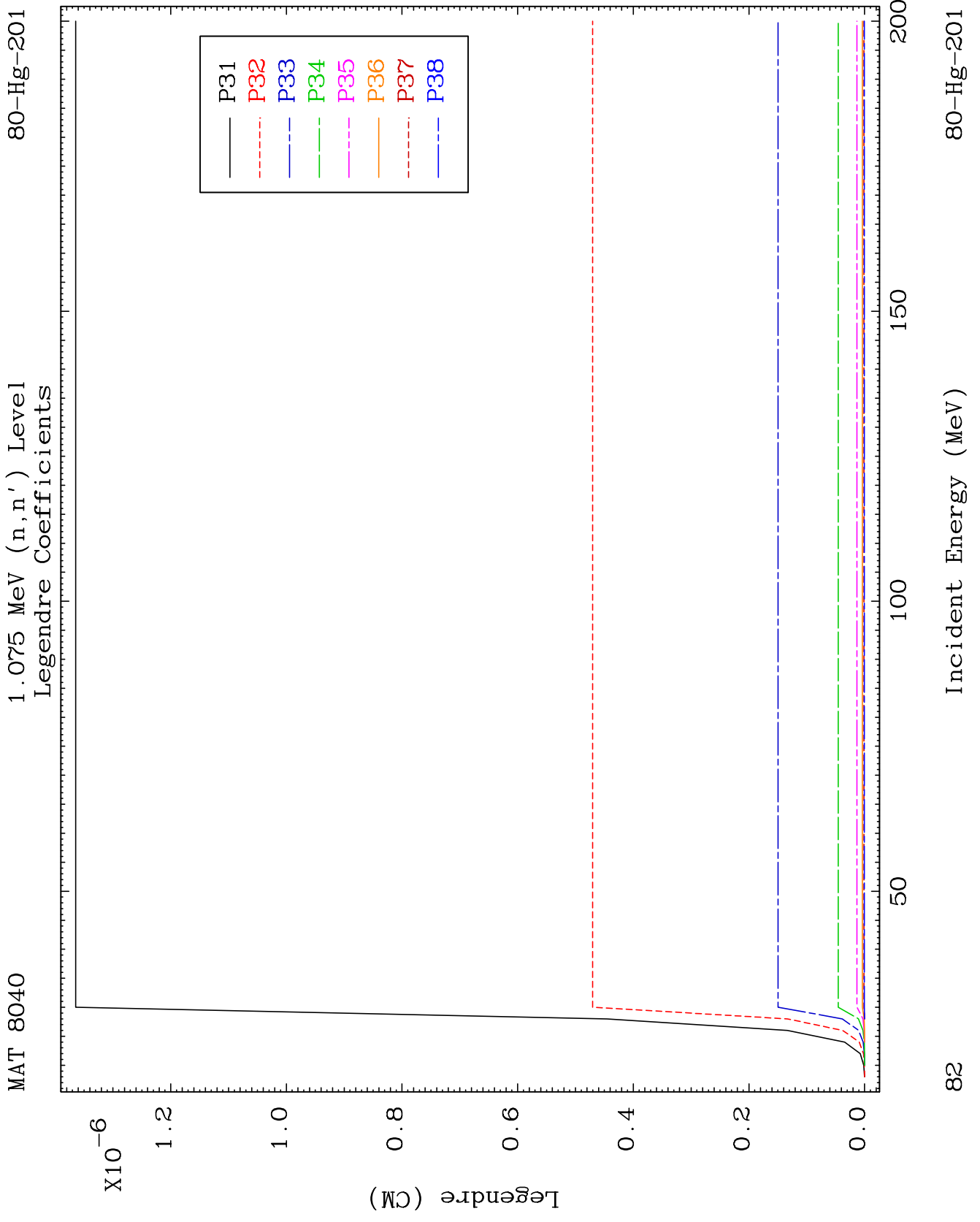


80-Hg-201

Incident Energy (MeV)

80

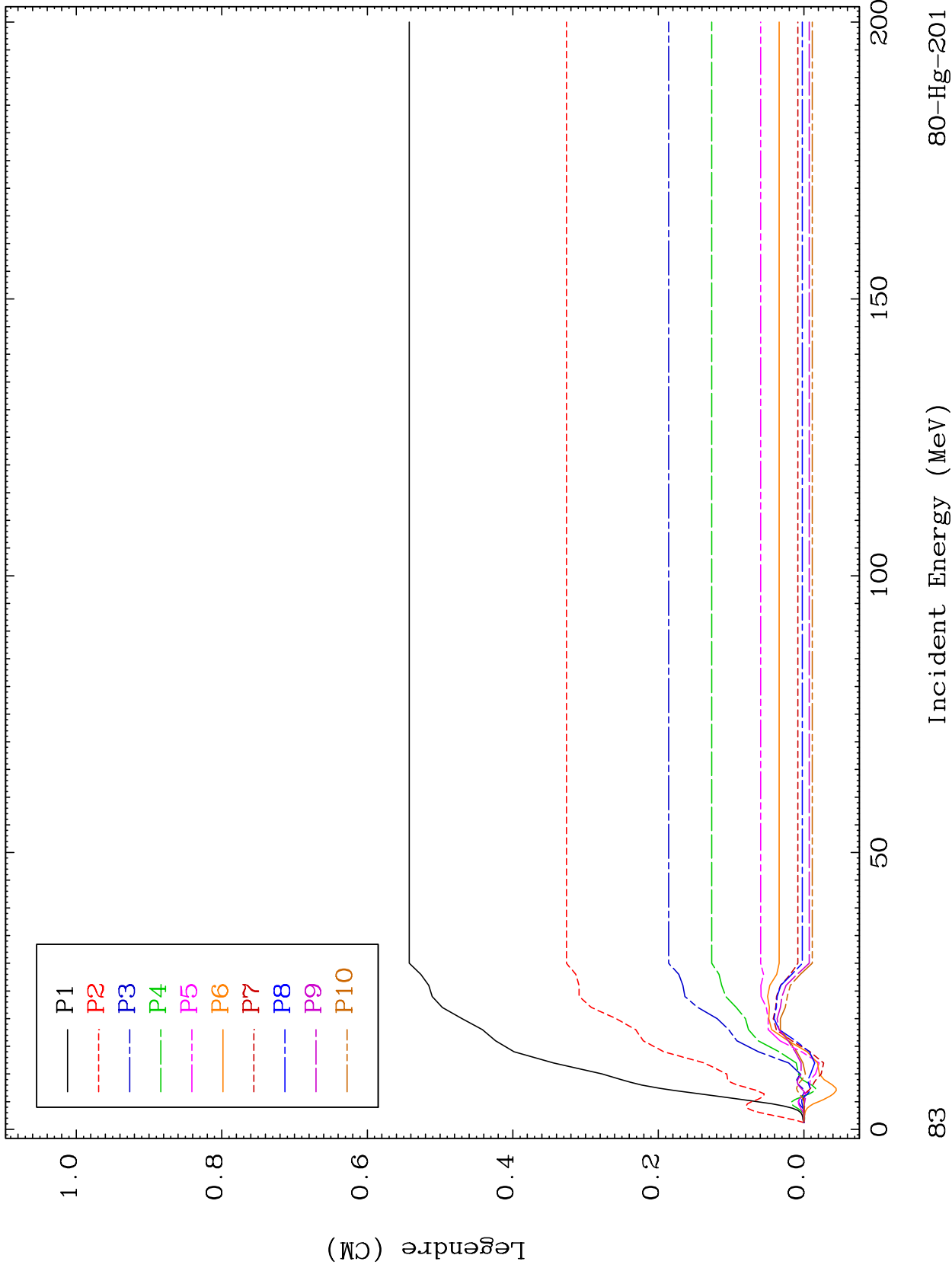




MAT 8040

1.188 MeV (n,n') Level  
Legendre Coefficients

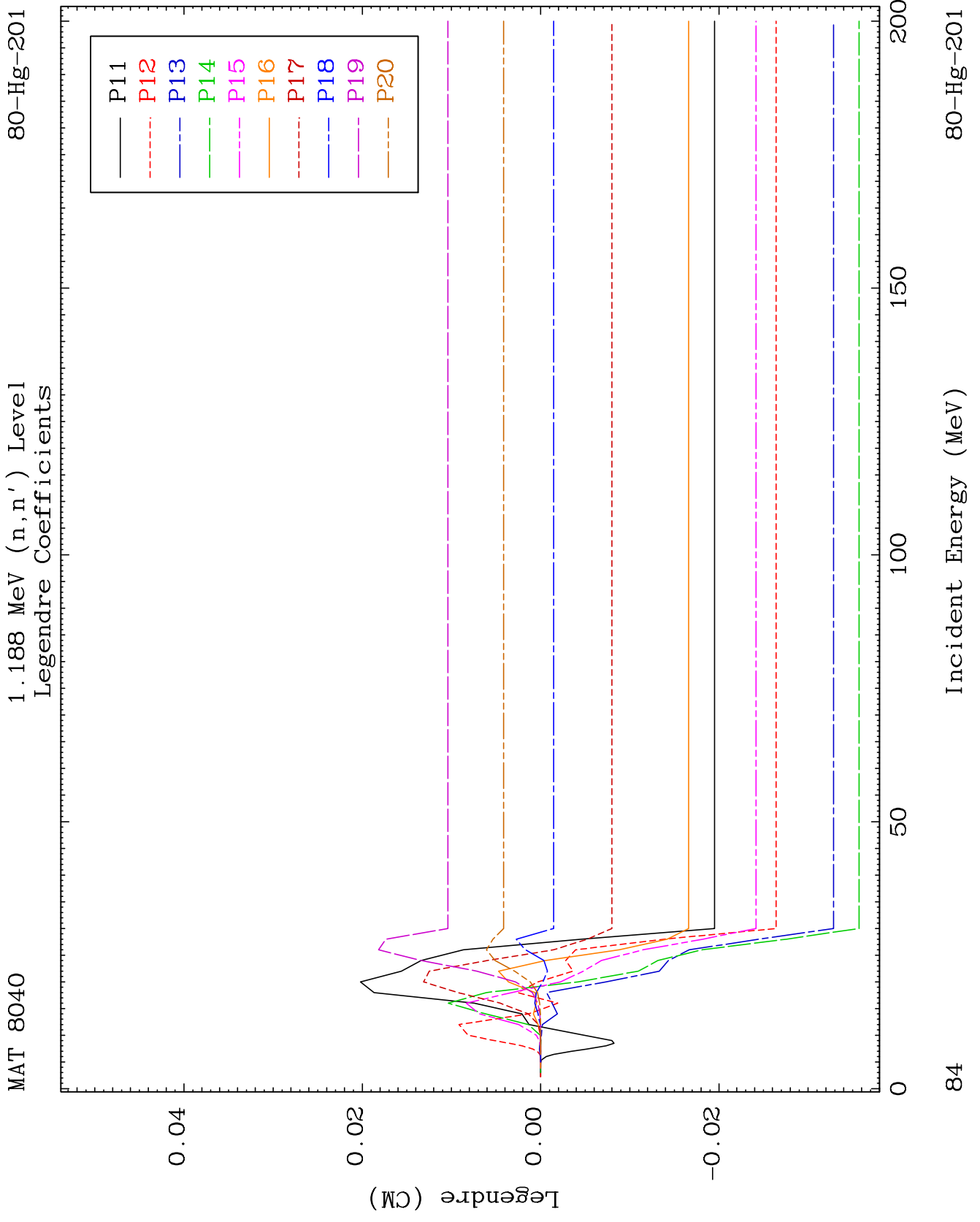
80-Hg-201

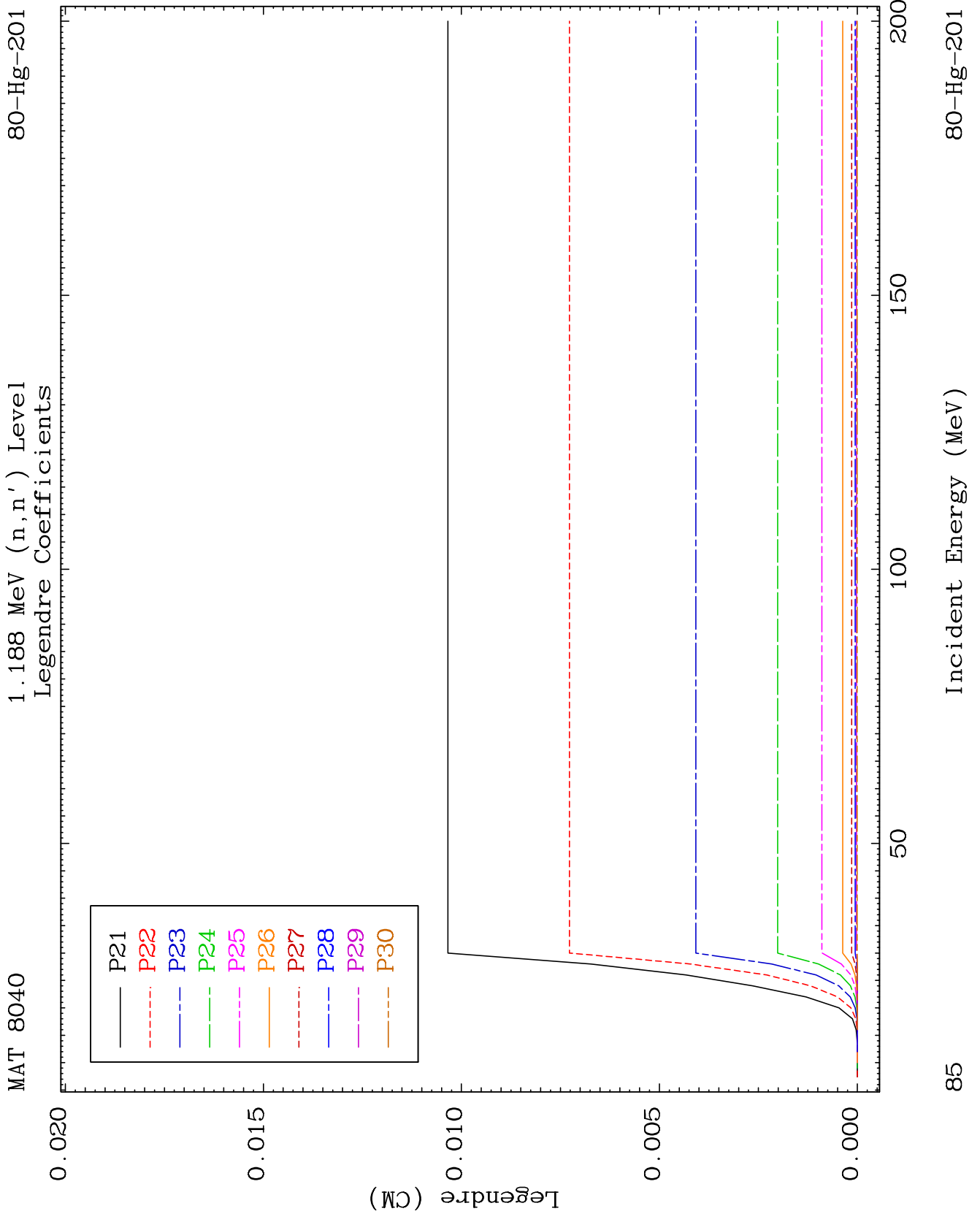


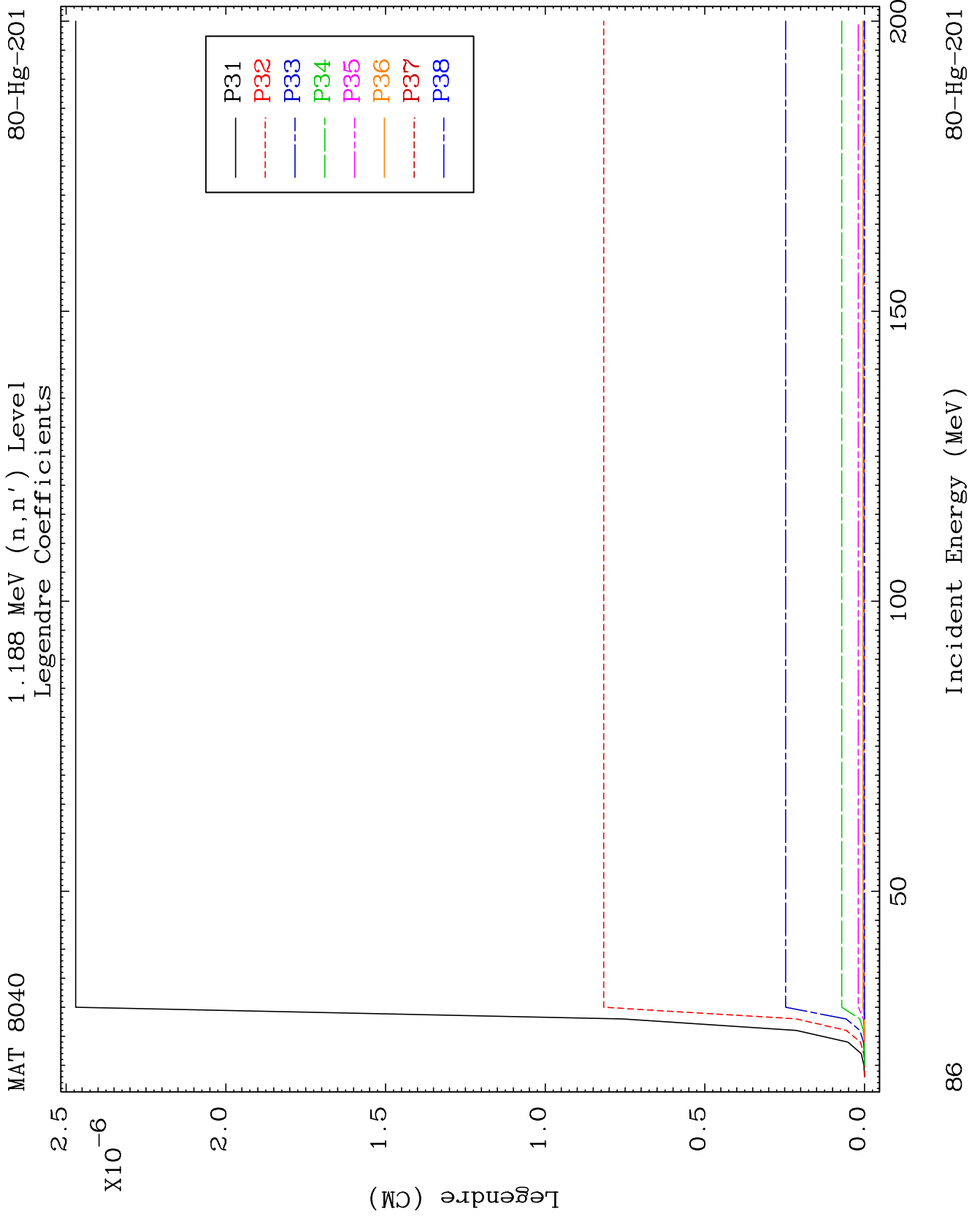
83

Incident Energy (MeV)

80-Hg-201



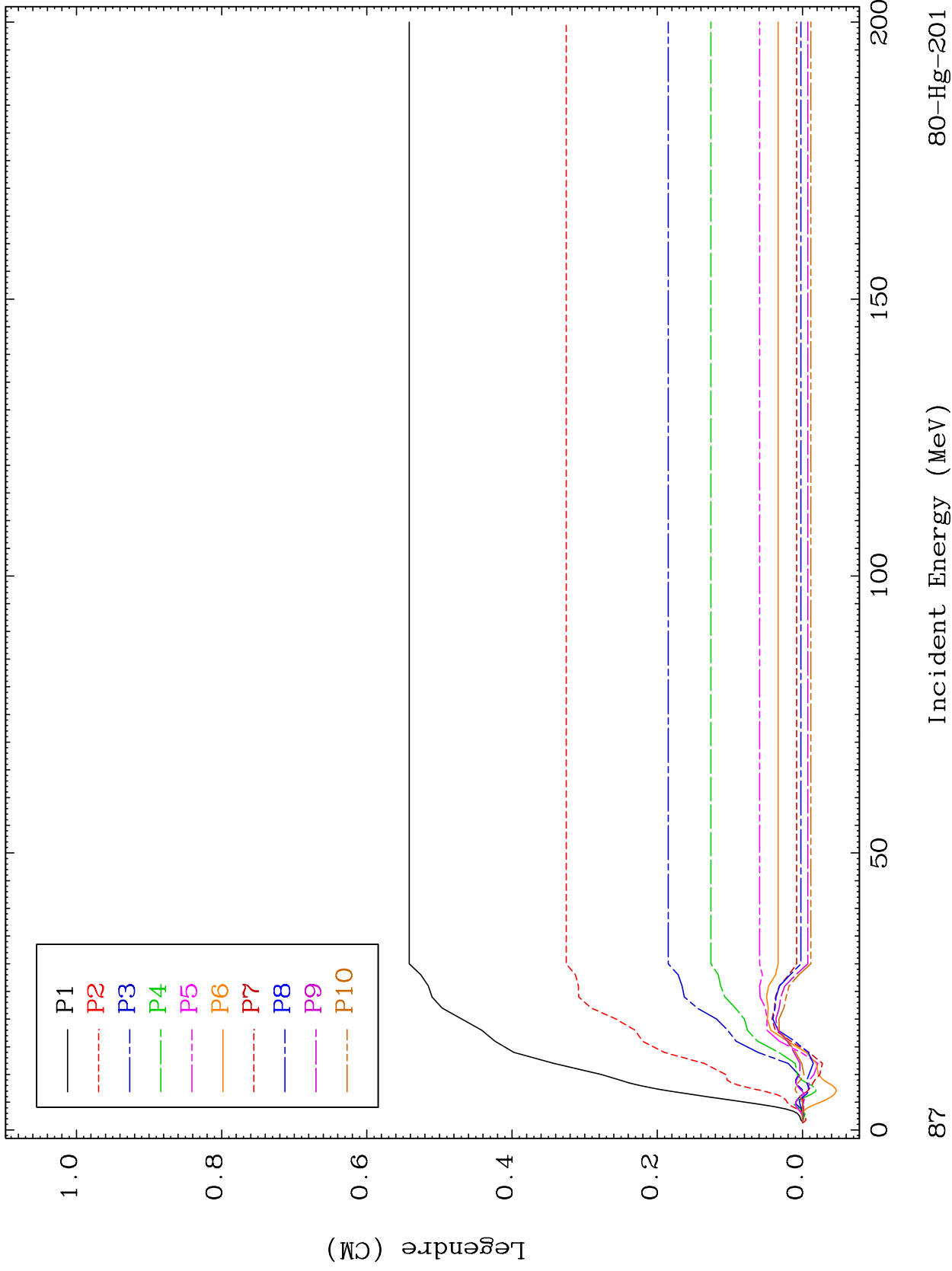




MAT 8040

1.287 MeV (n,n') Level  
Legendre Coefficients

80-Hg-201

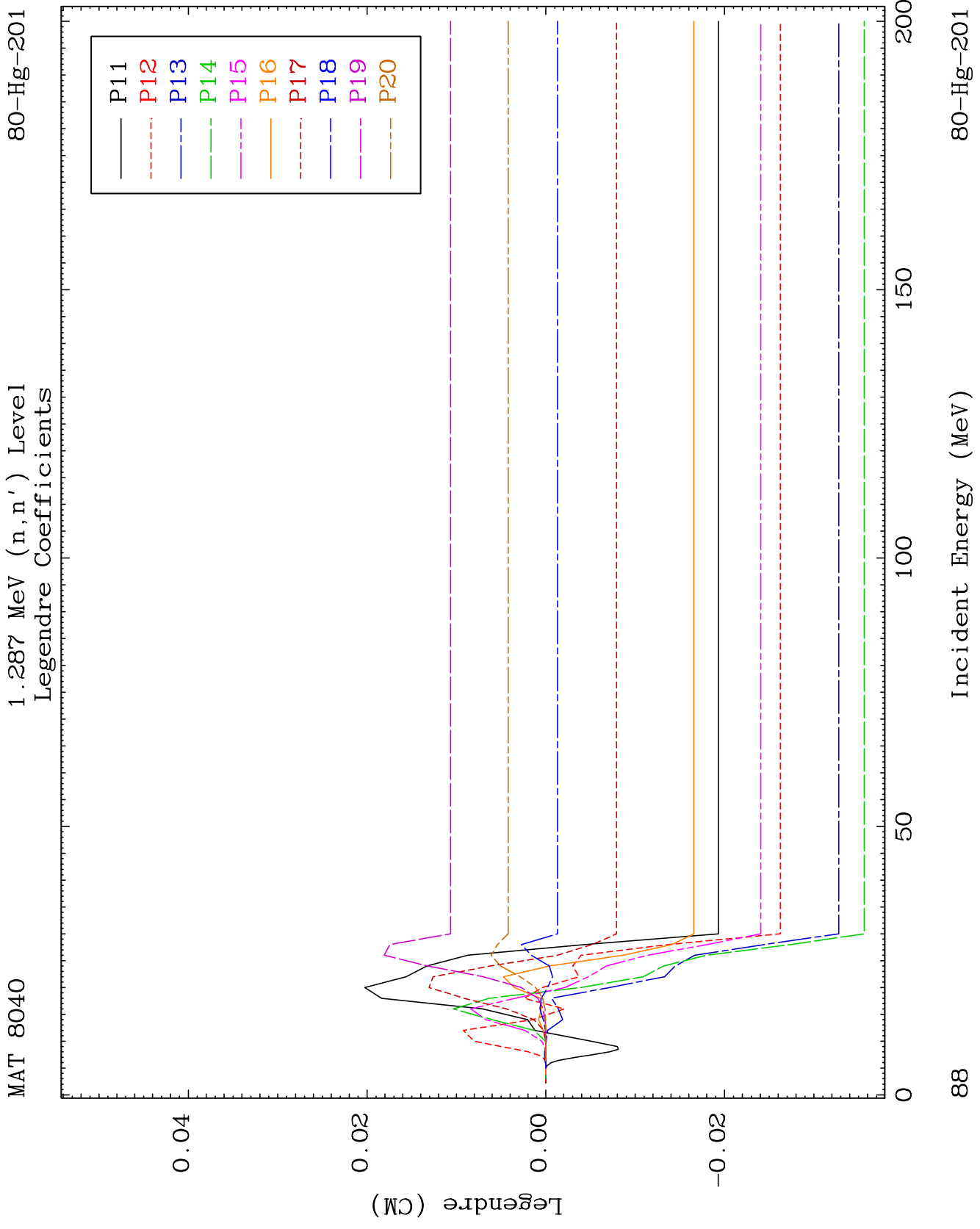


87

Incident Energy (MeV)

80-Hg-201

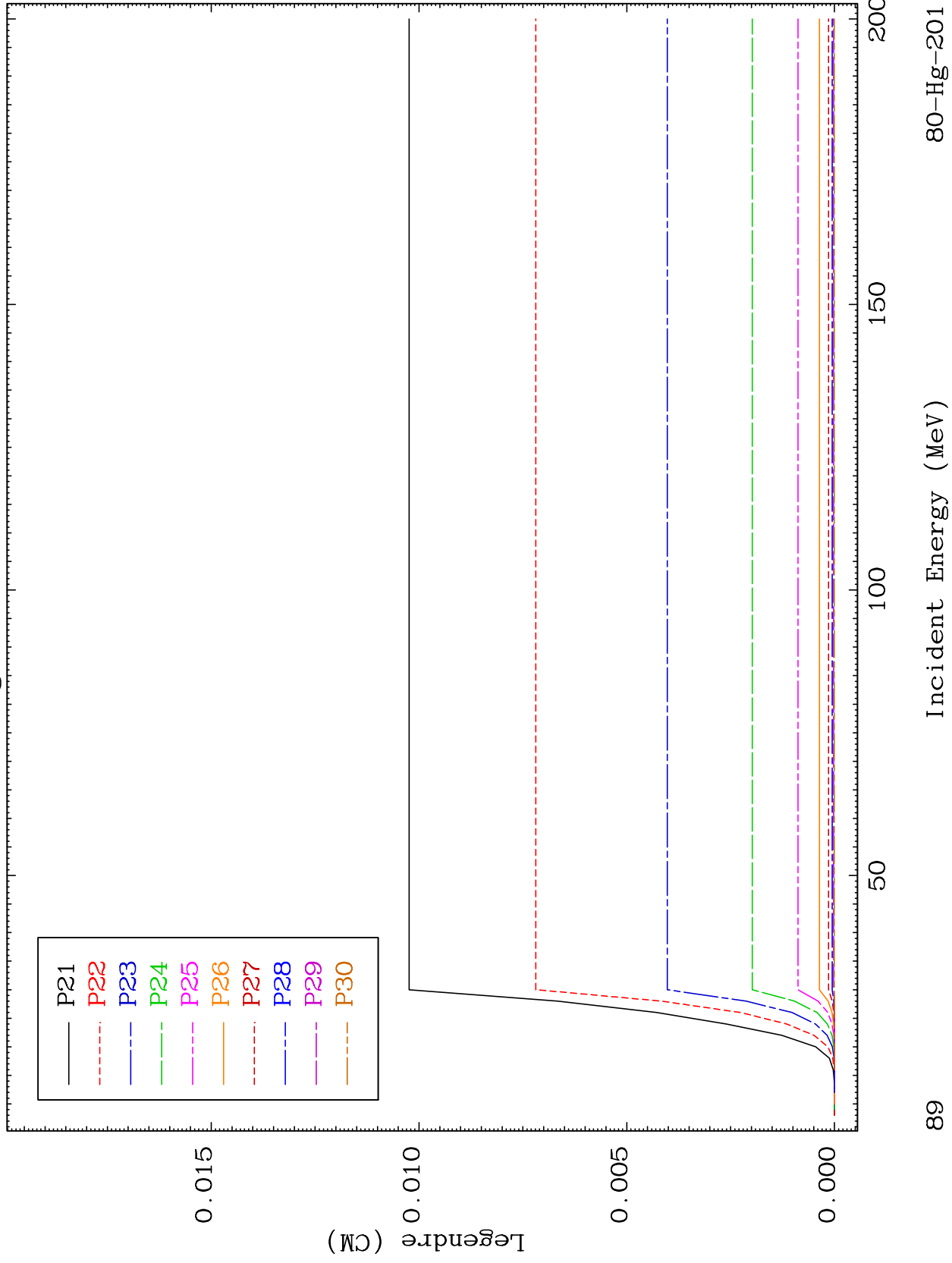




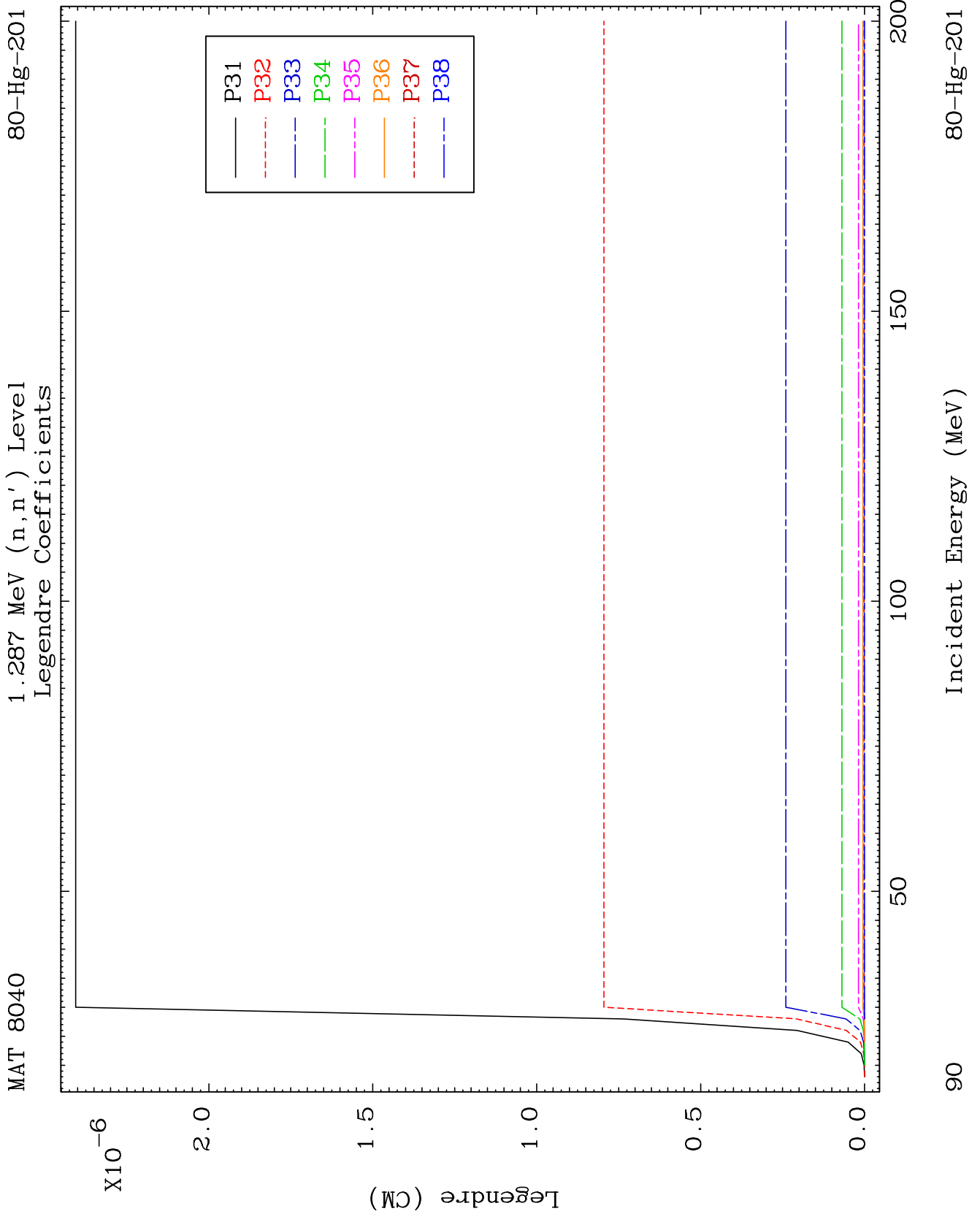
MAT 8040

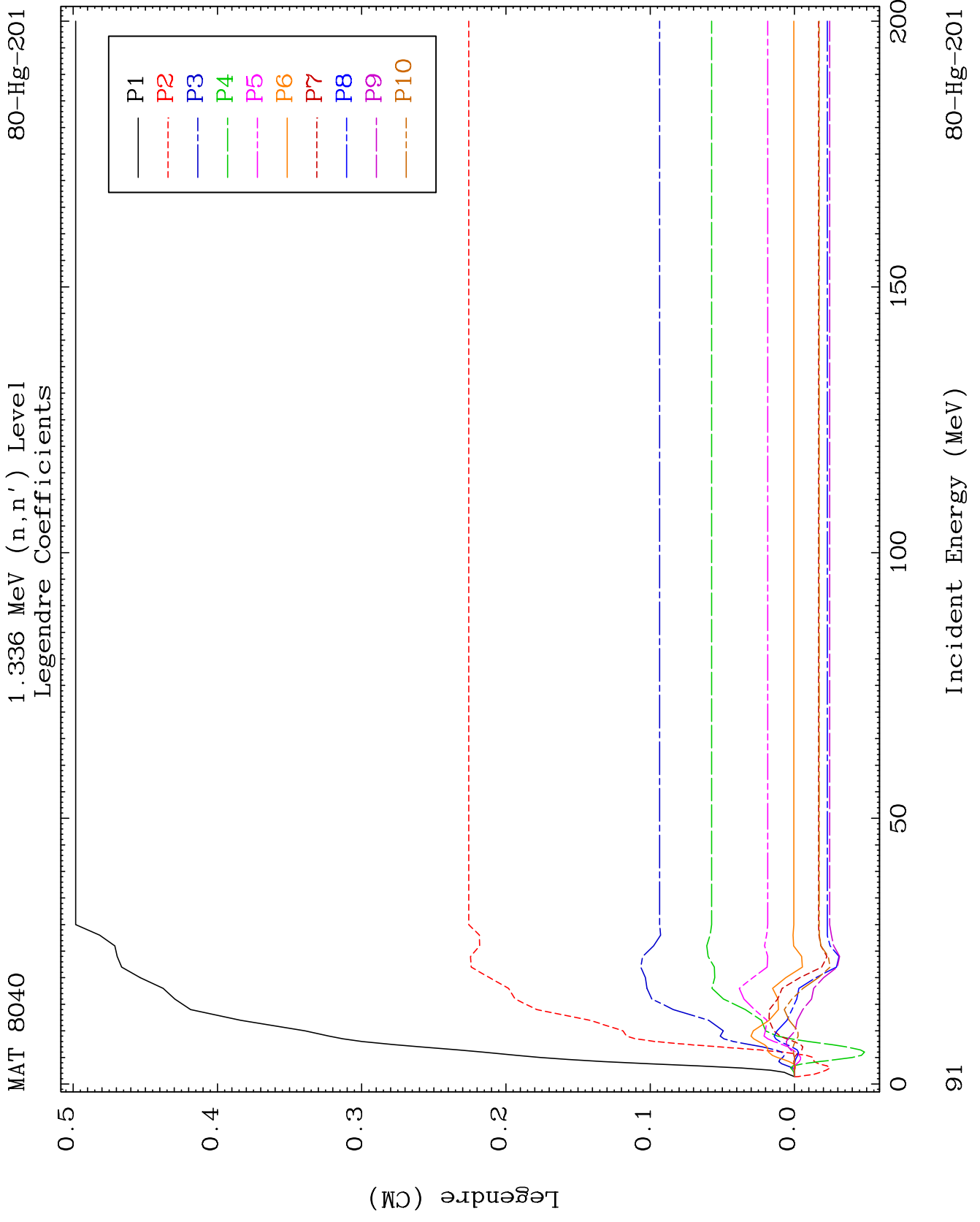
1.287 MeV (n,n') Level  
Legendre Coefficients

80-Hg-201



89

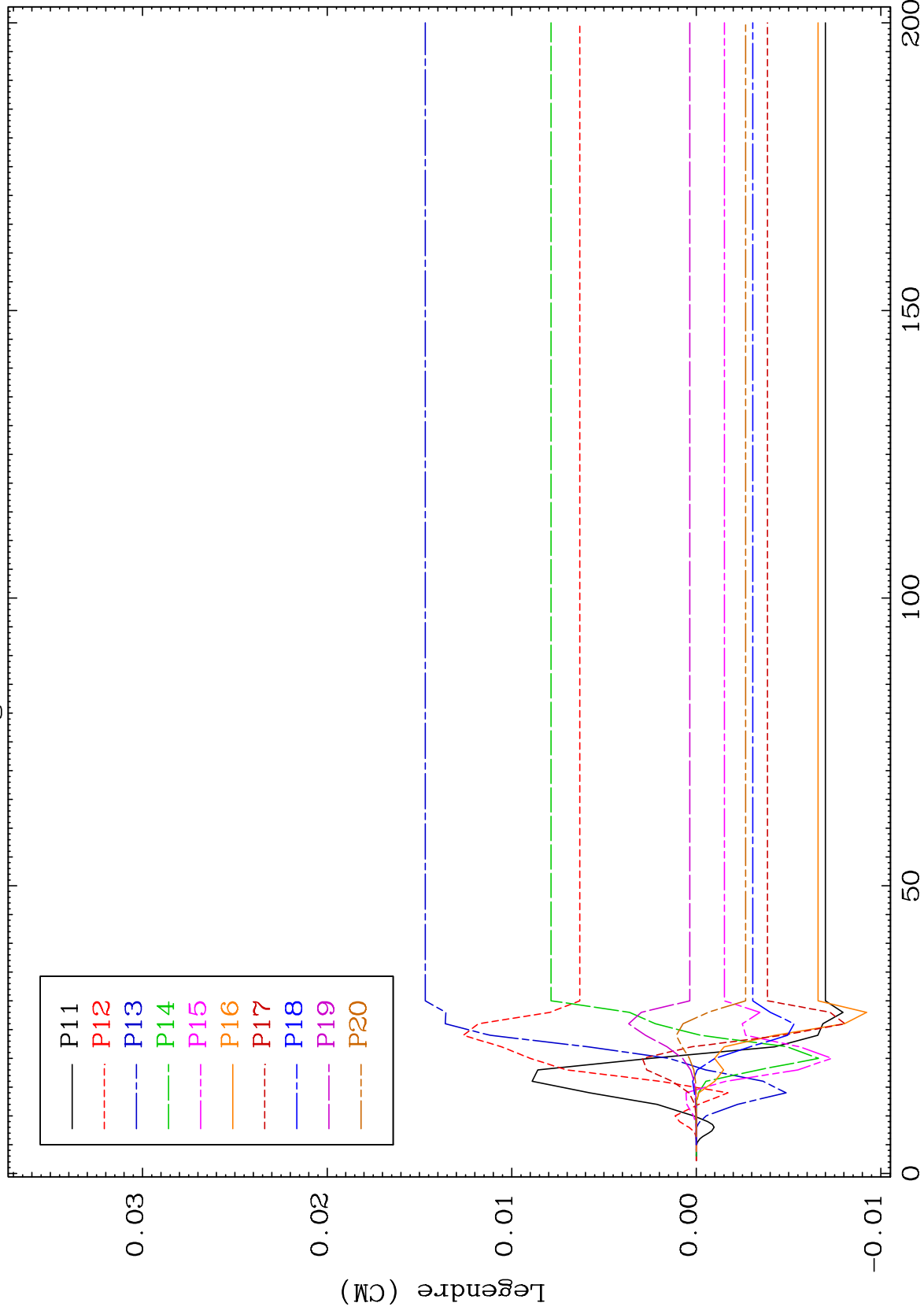




MAT 8040

1.336 MeV (n,n') Level  
Legendre Coefficients

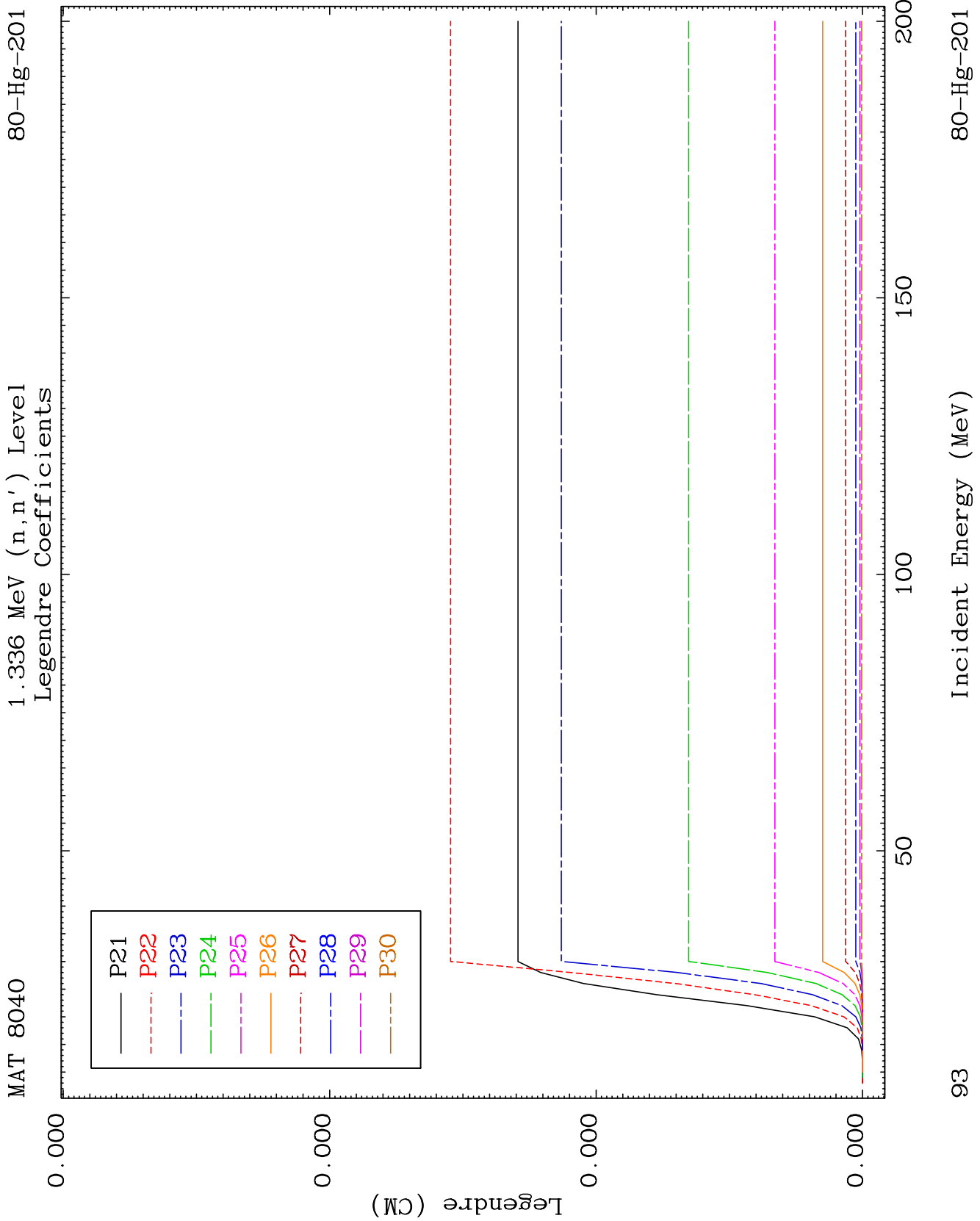
80-Hg-201

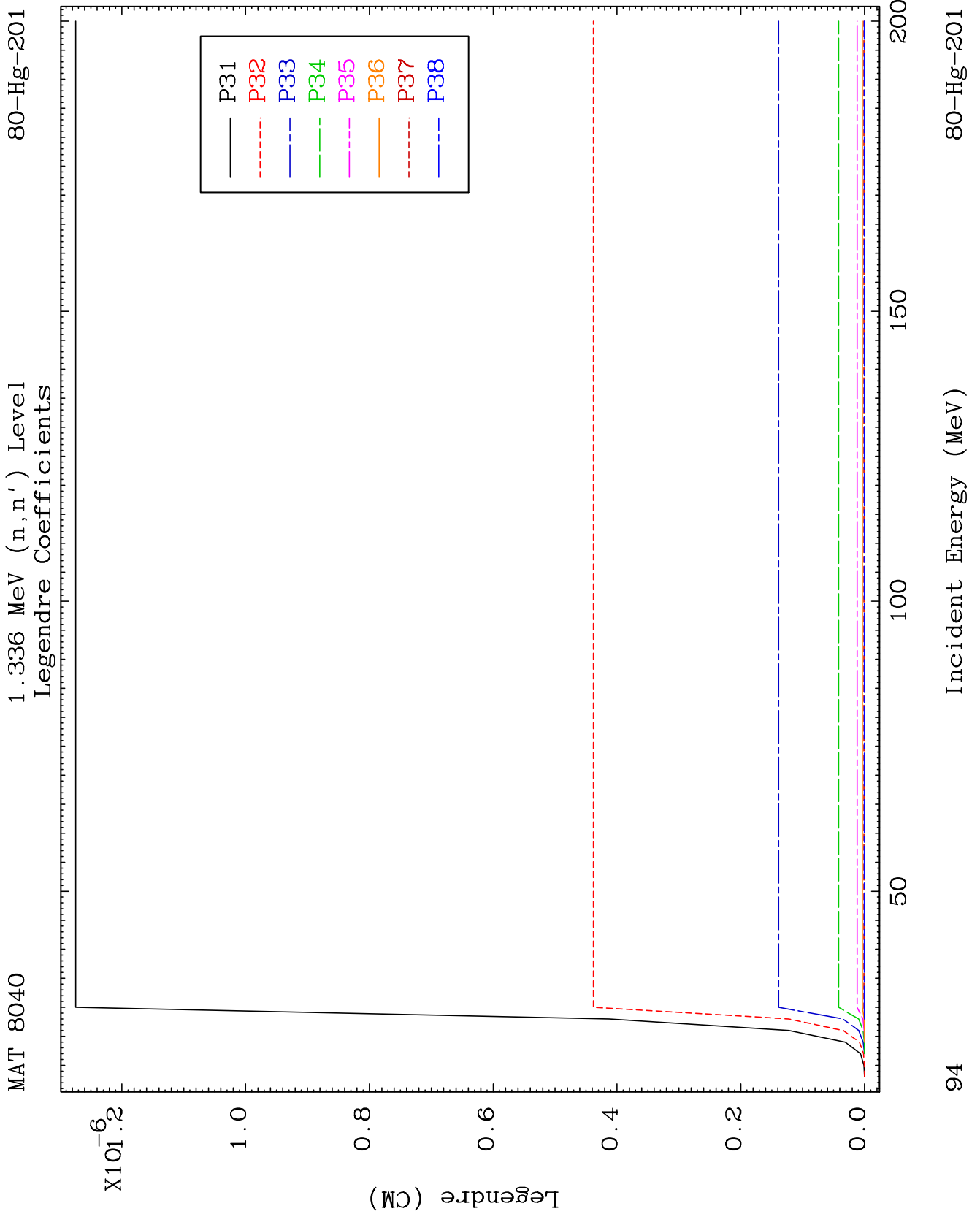


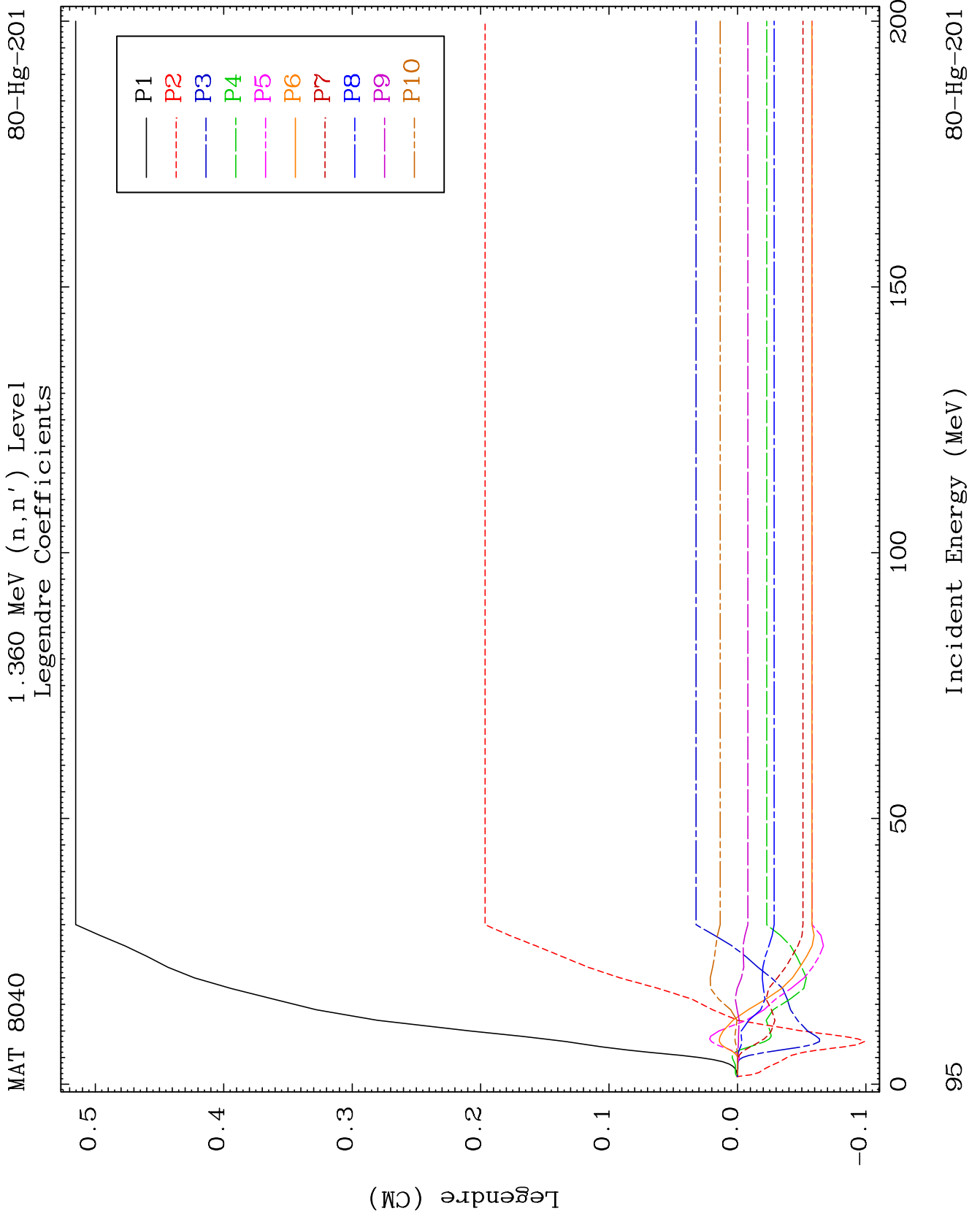
92

Incident Energy (MeV)

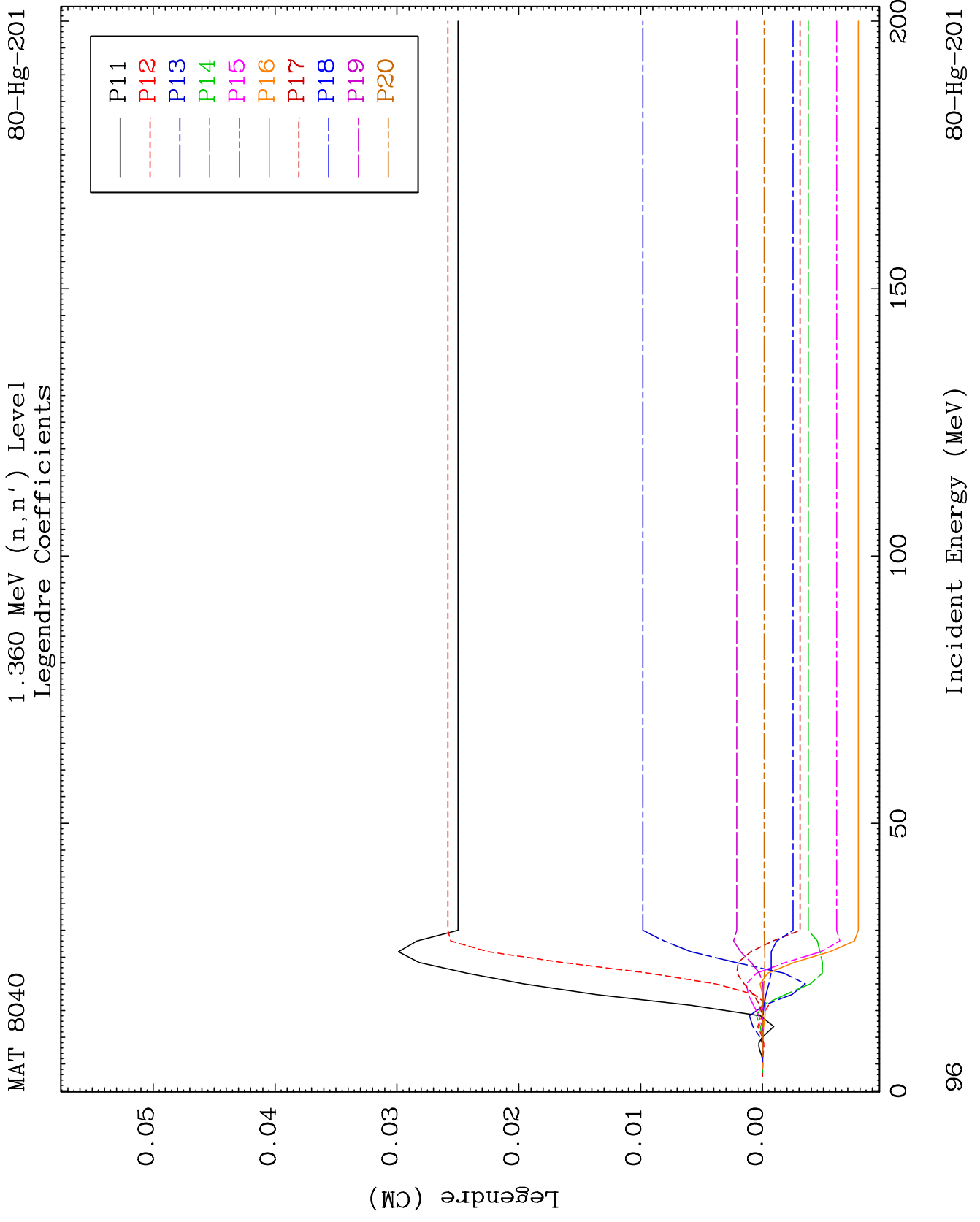
80-Hg-201

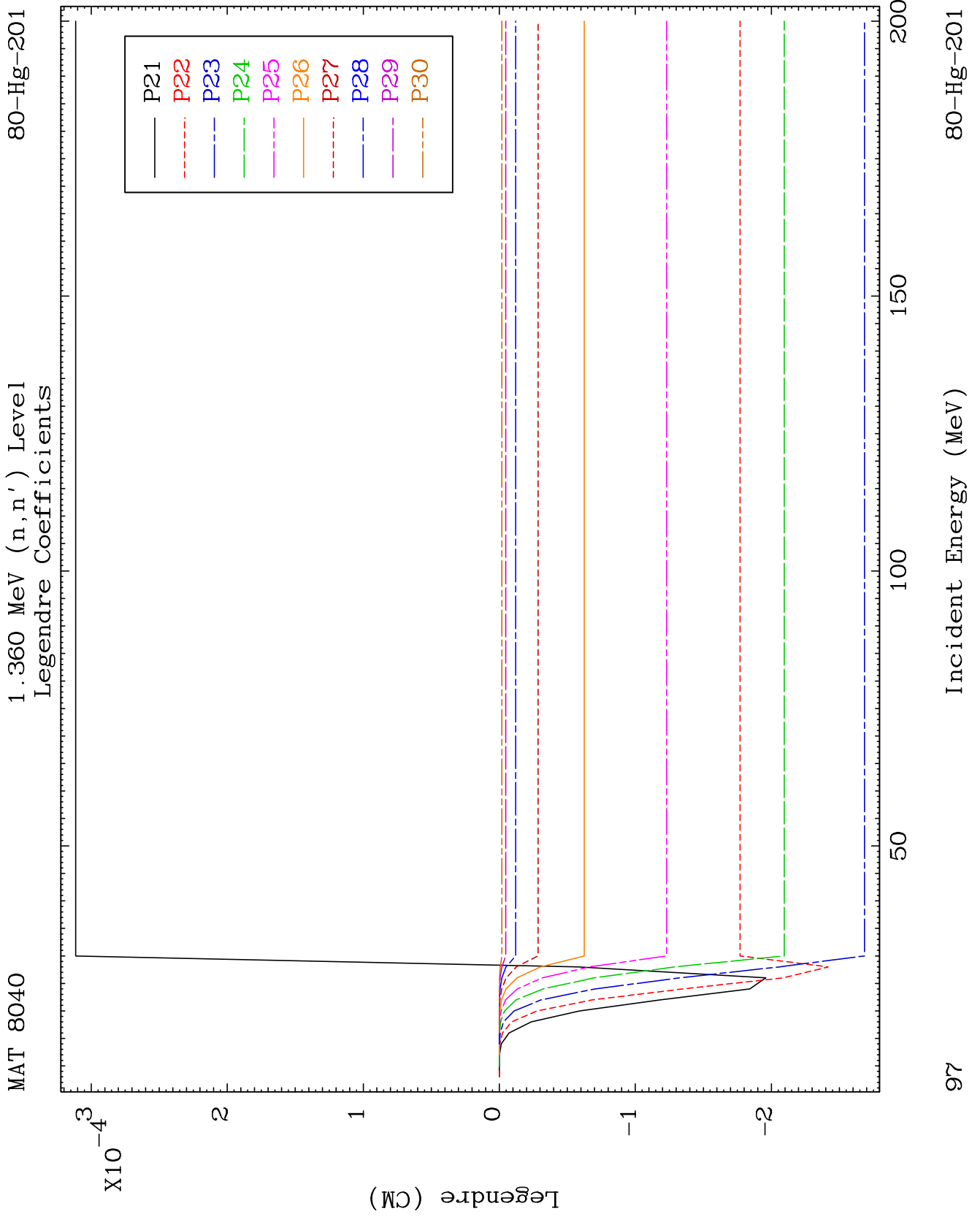


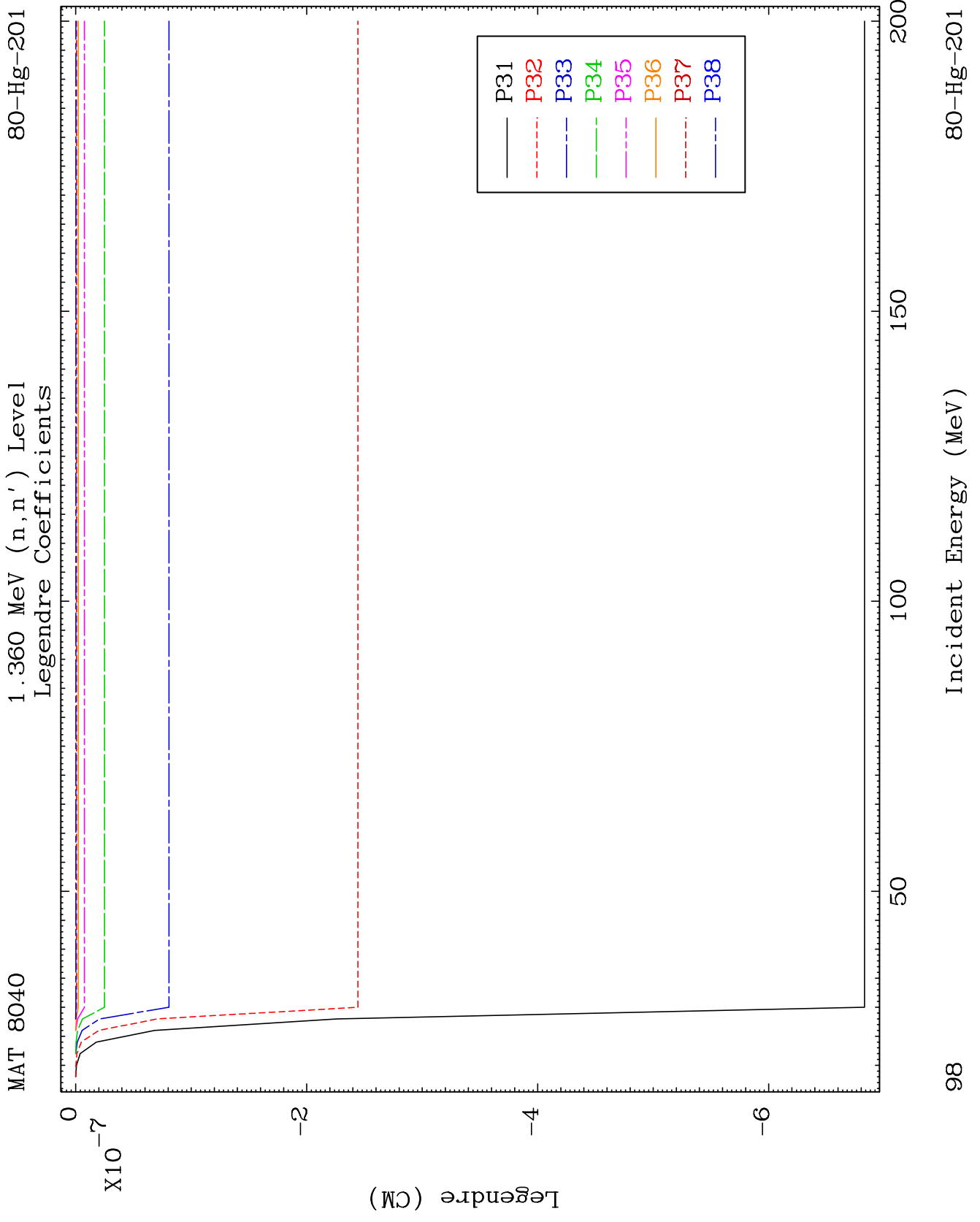


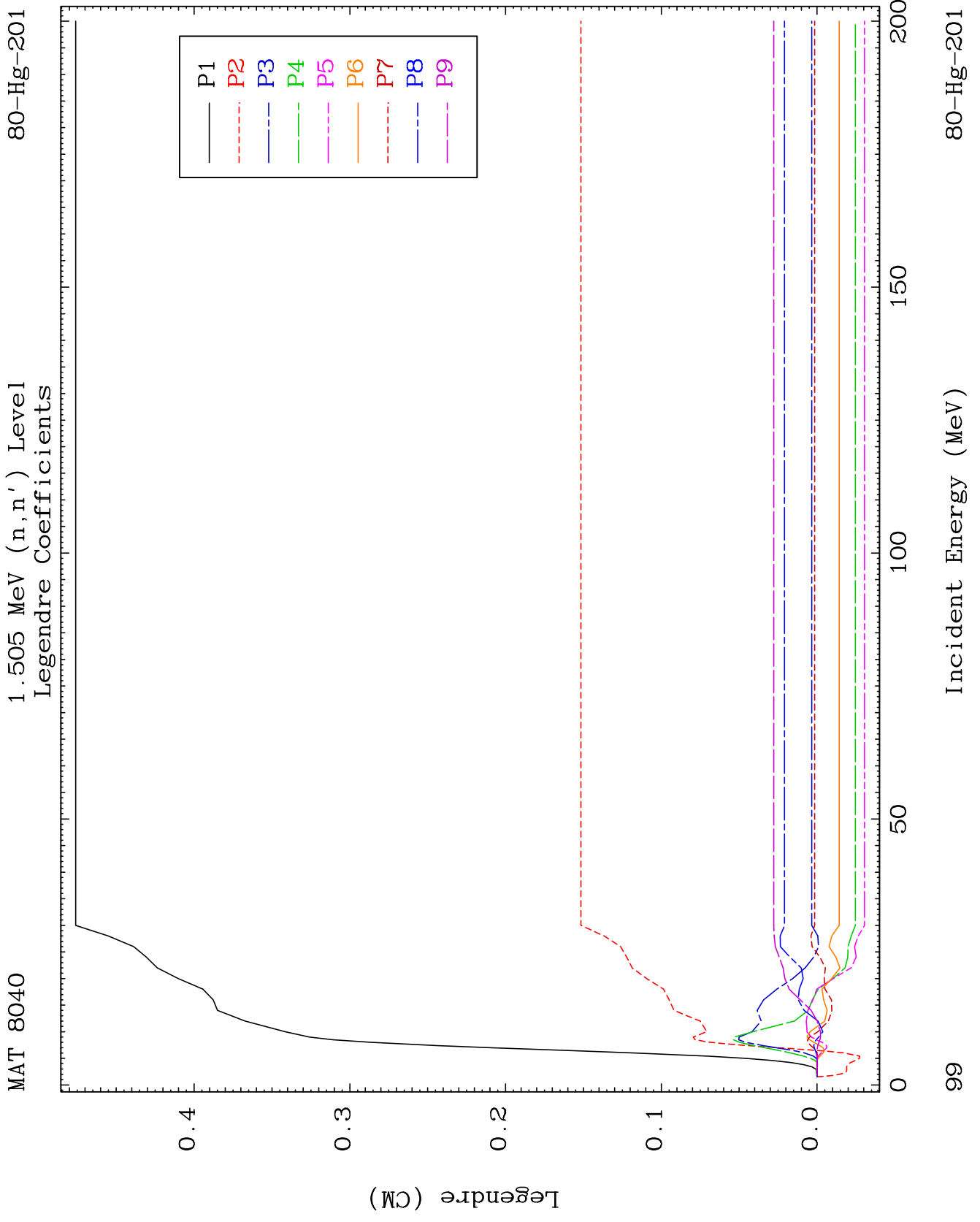




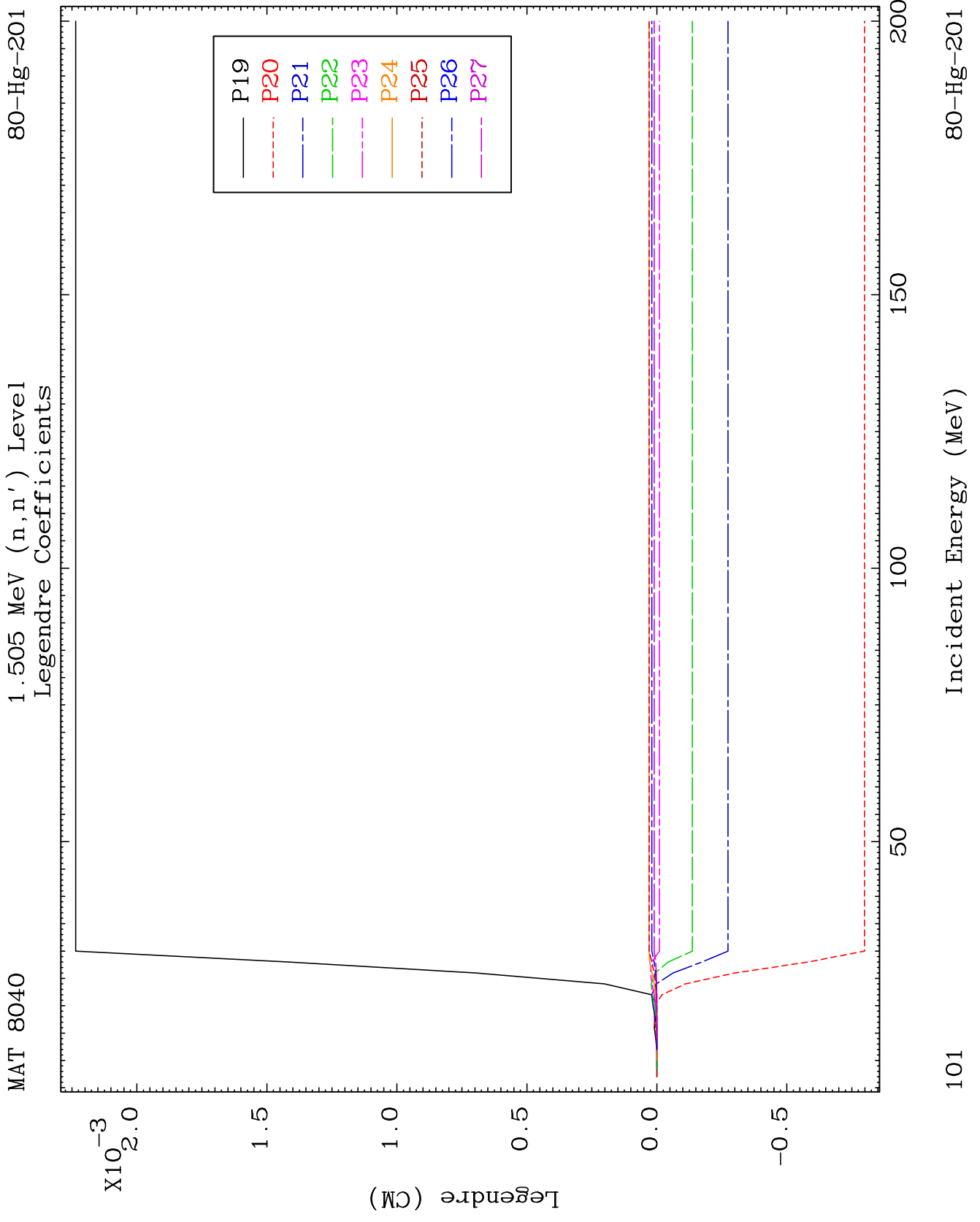


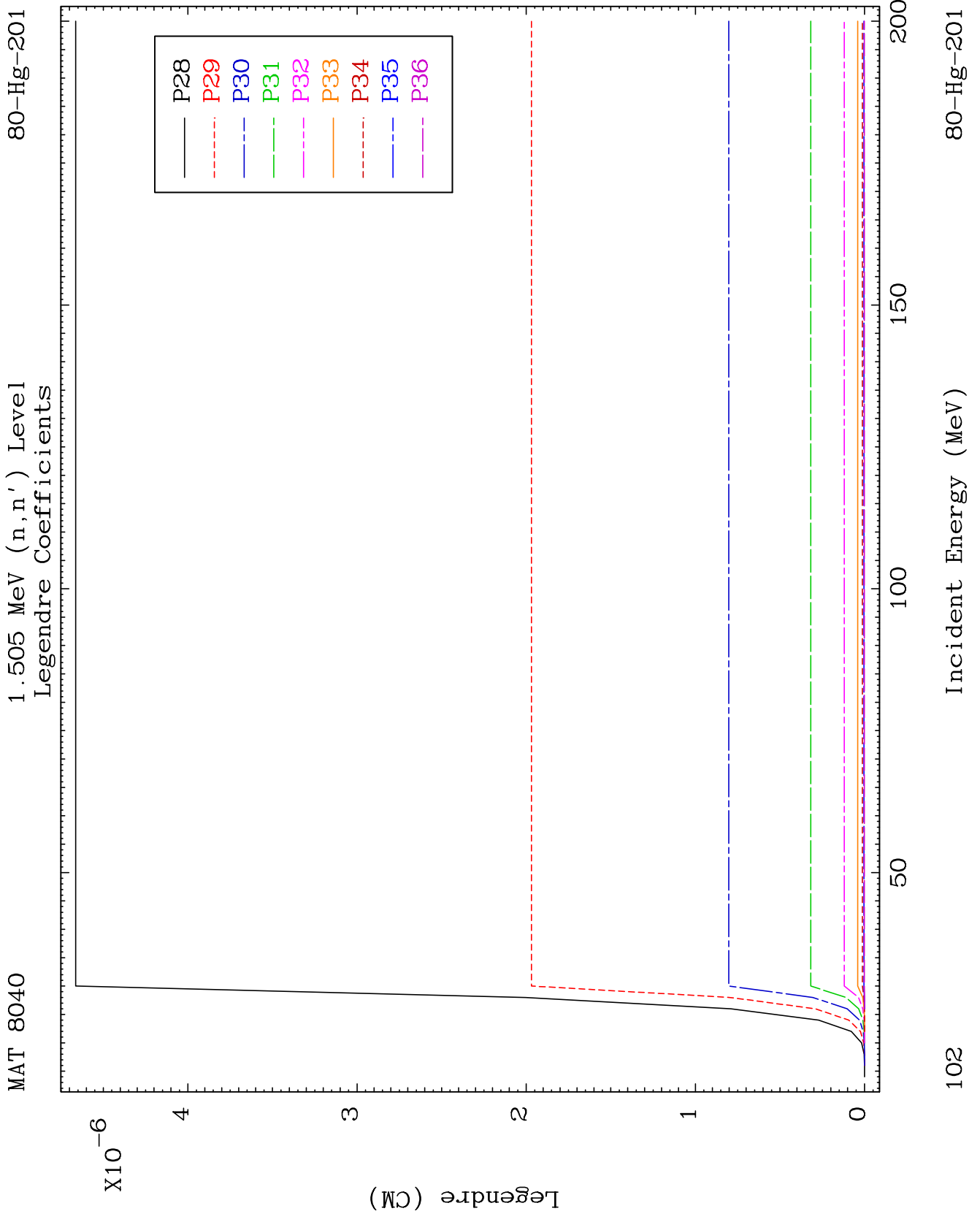


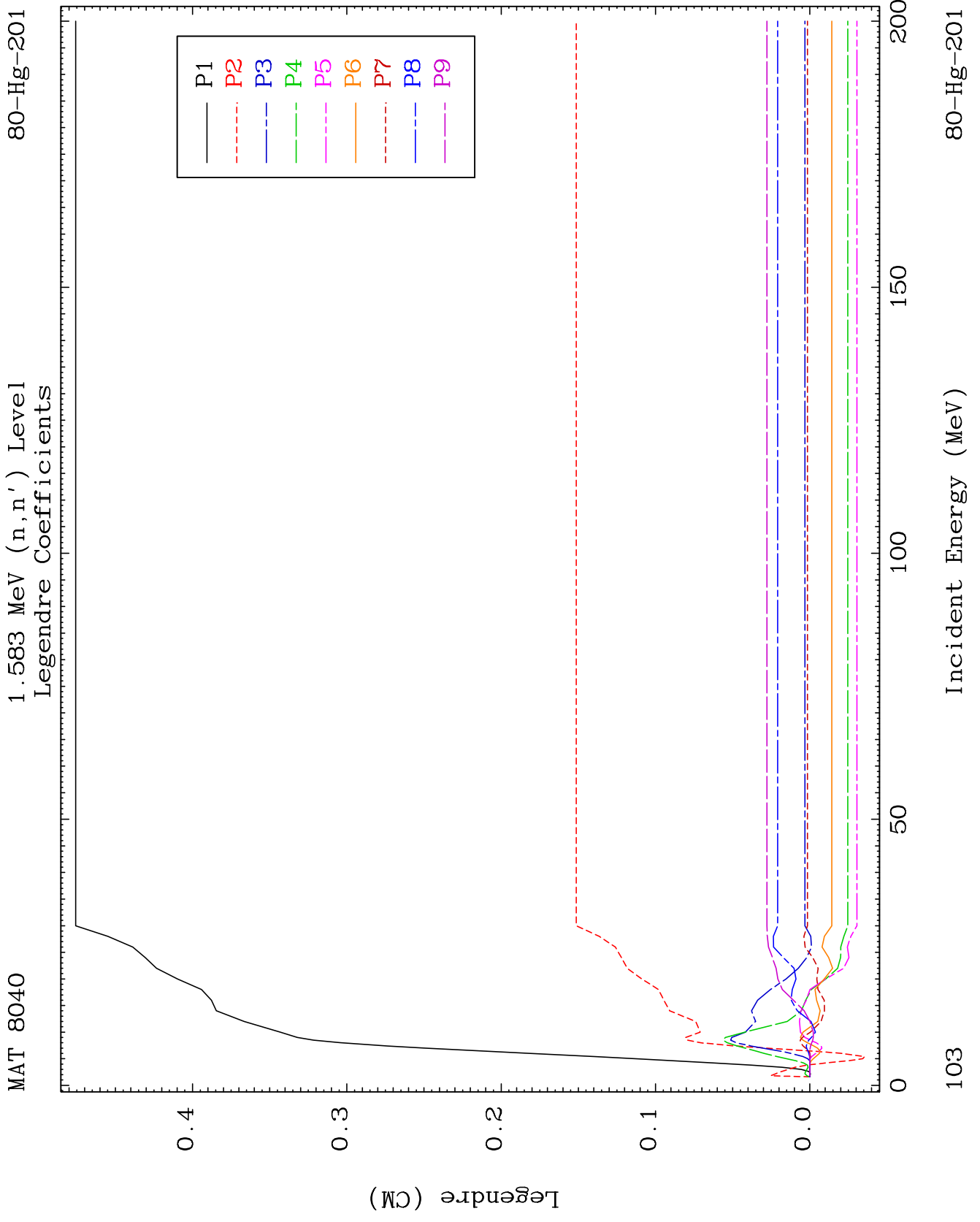




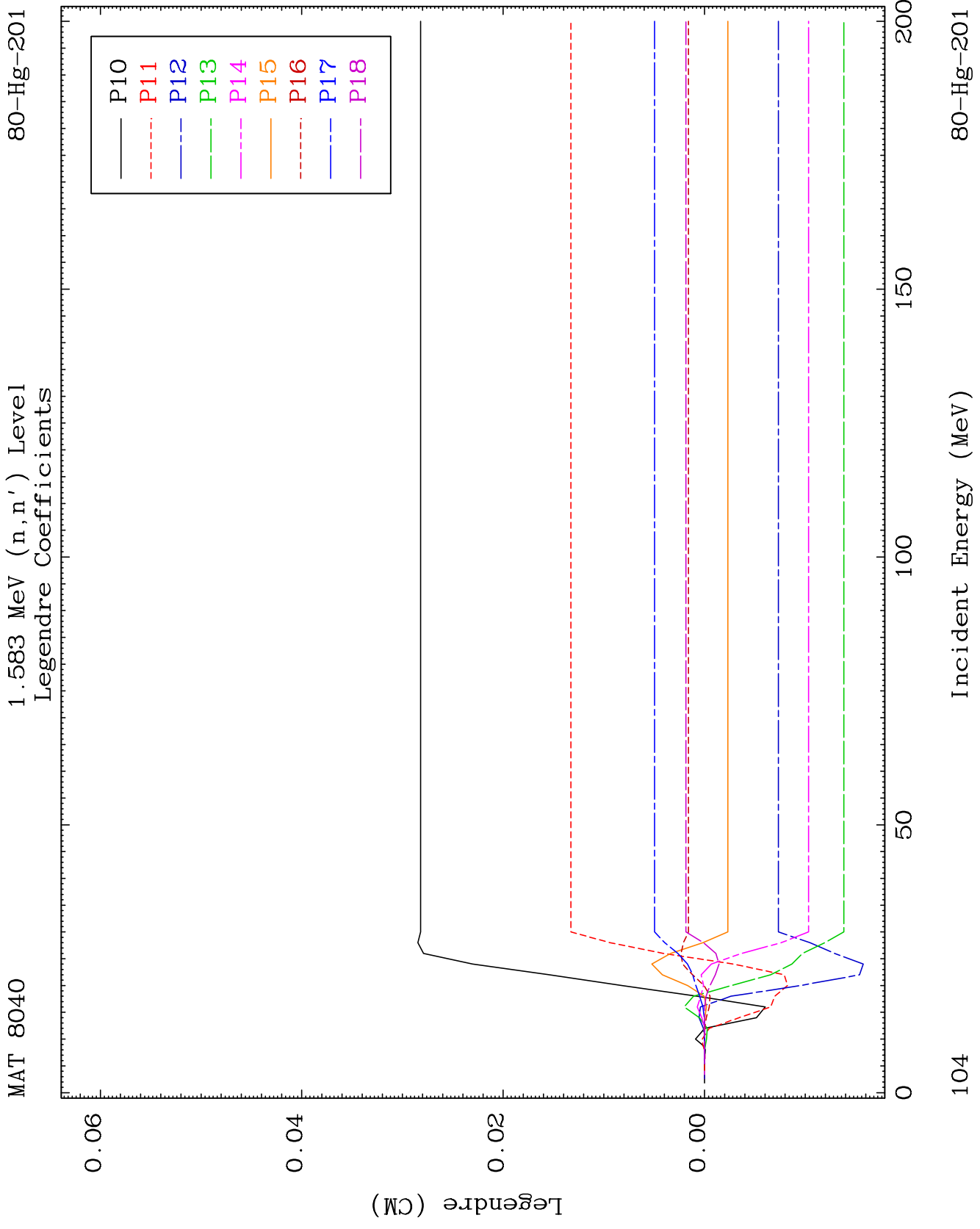


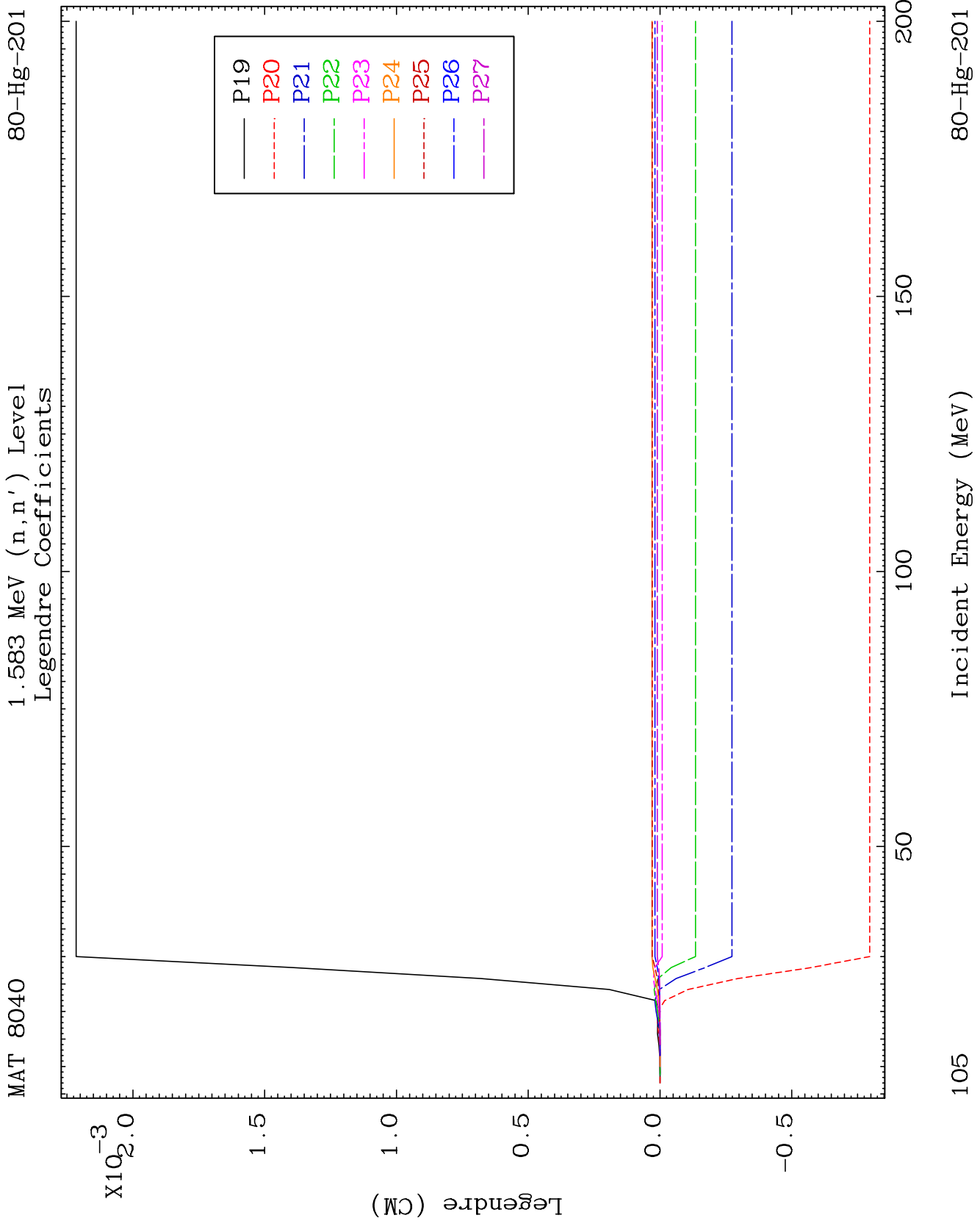


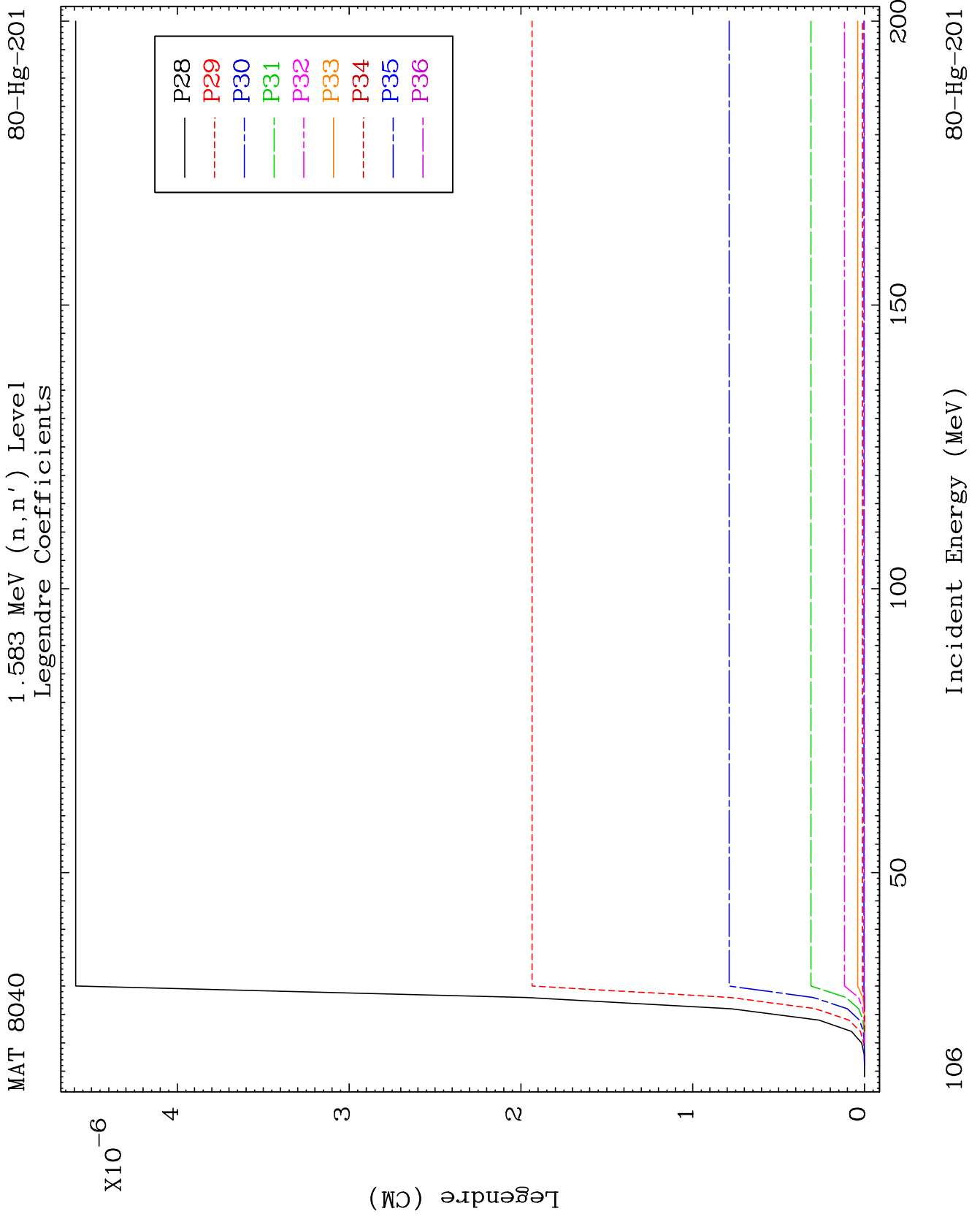








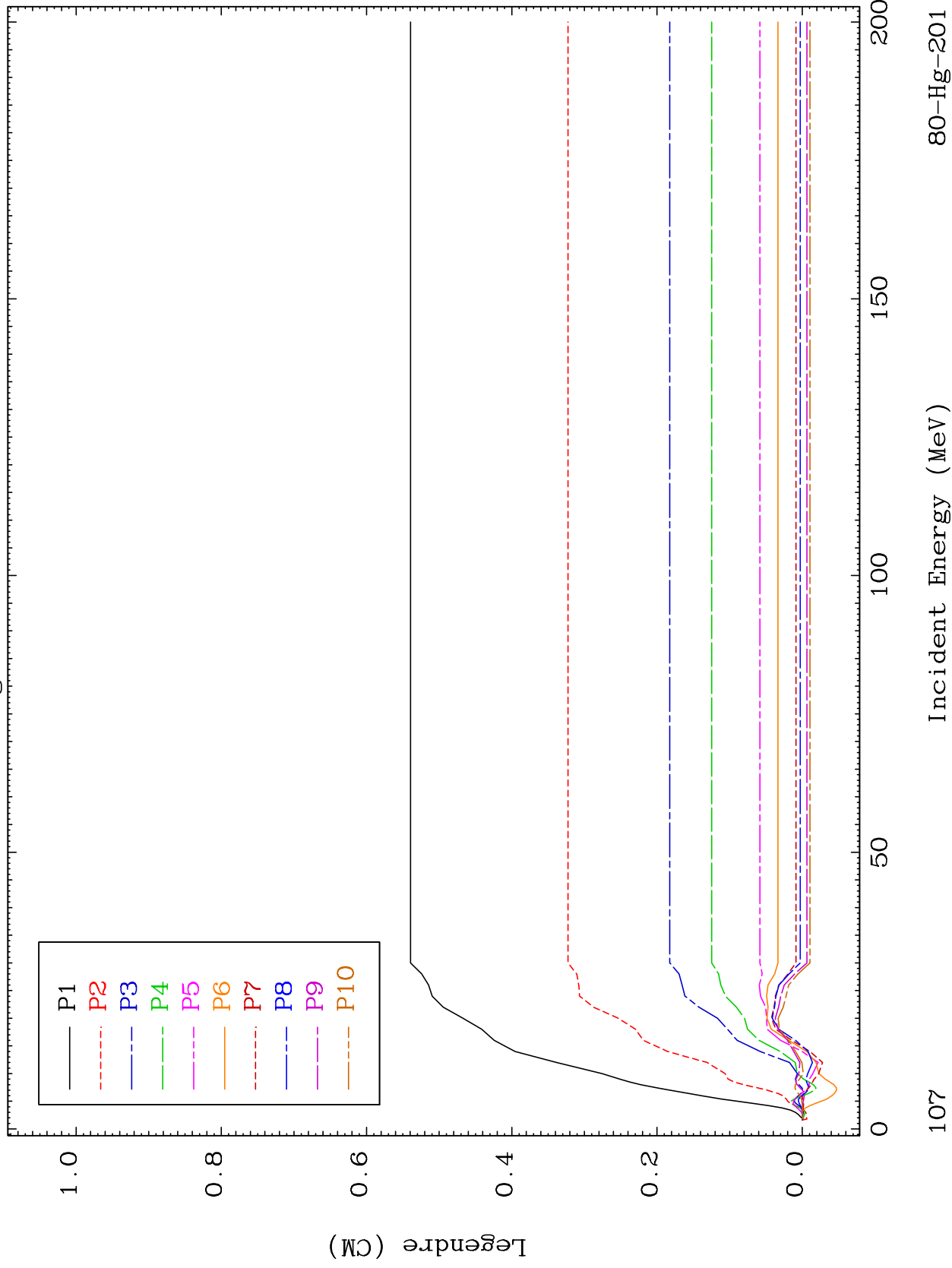


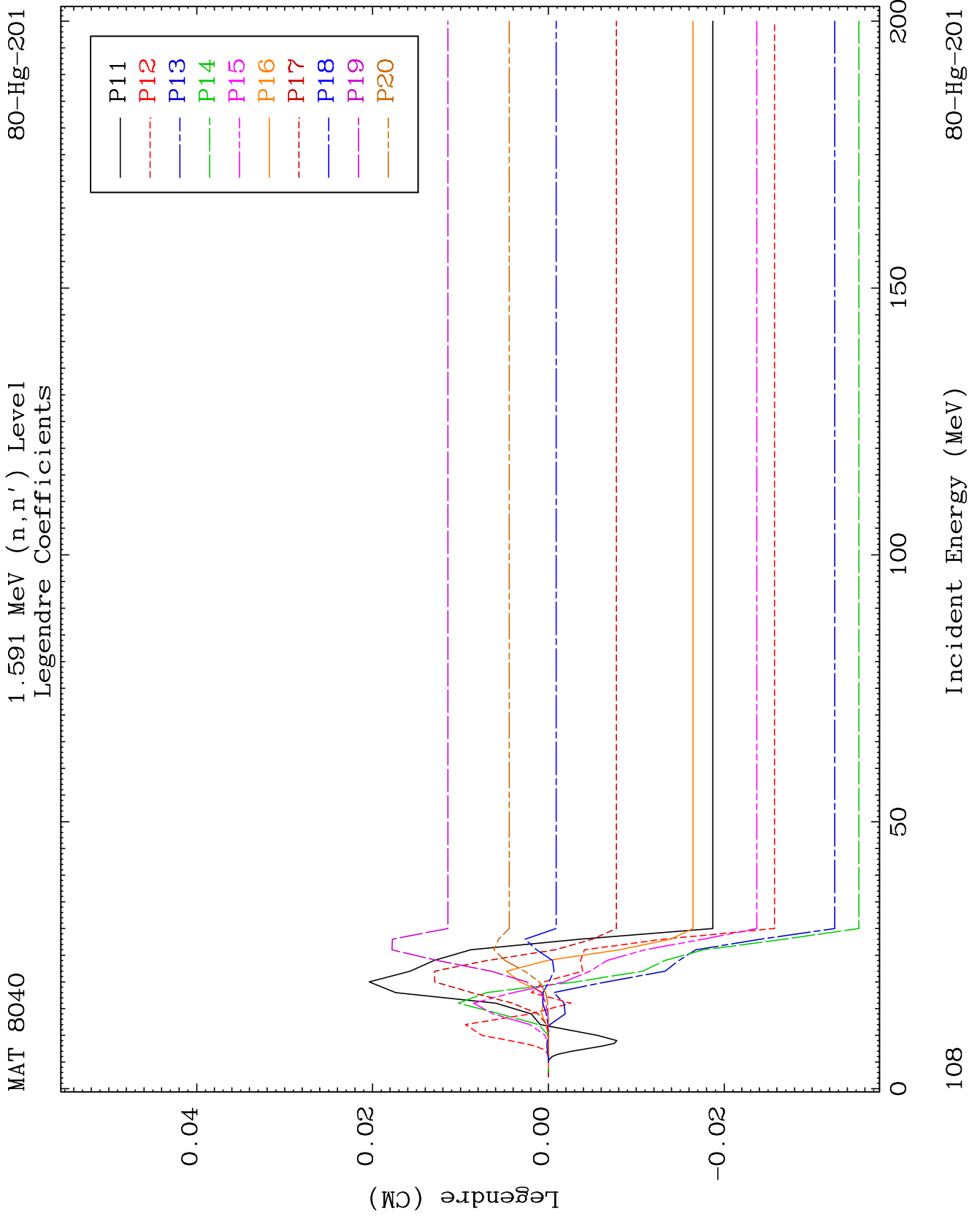


MAT 8040

1.591 MeV (n,n') Level  
Legendre Coefficients

80-Hg-201

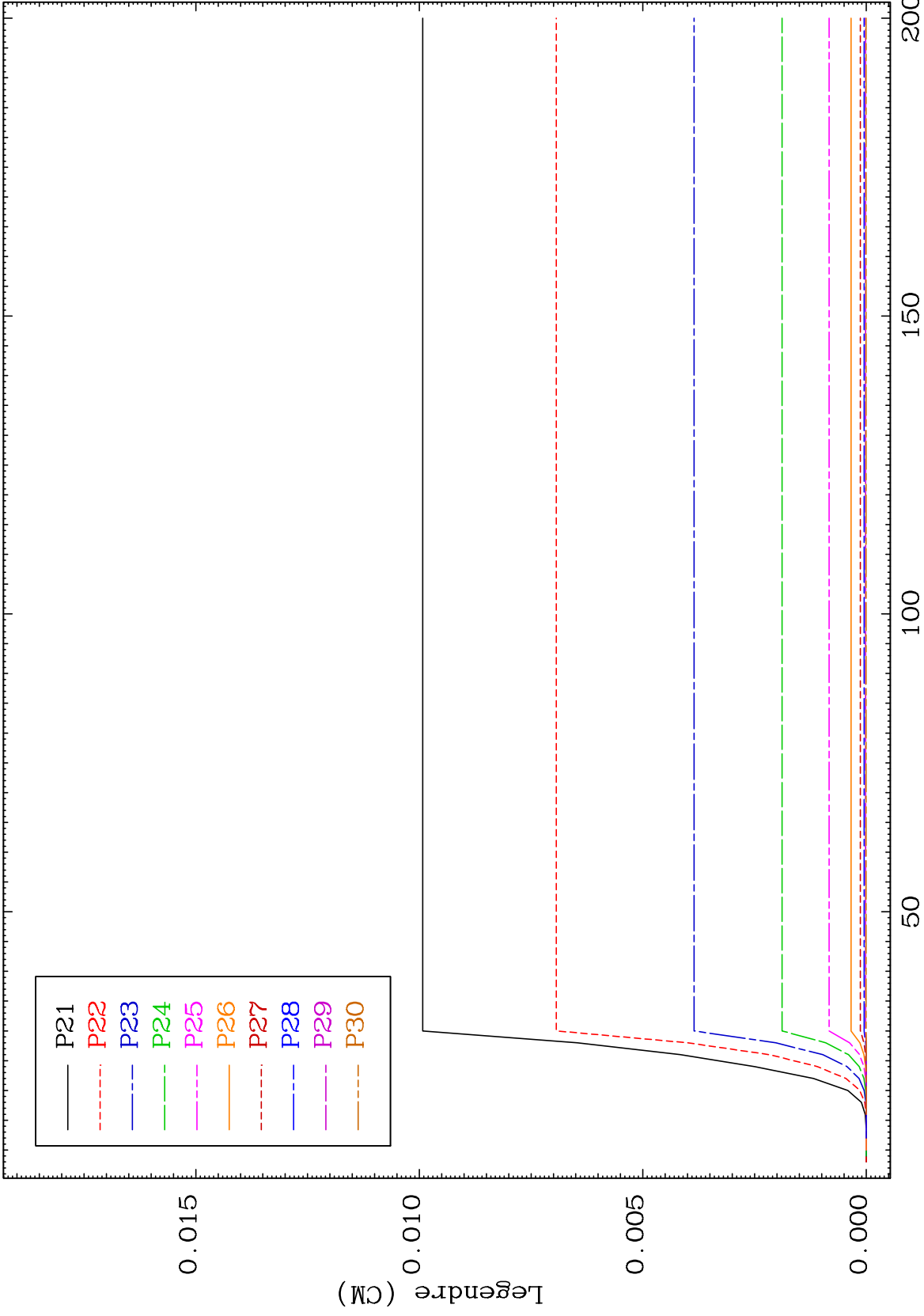




MAT 8040

1.591 MeV (n,n') Level  
Legendre Coefficients

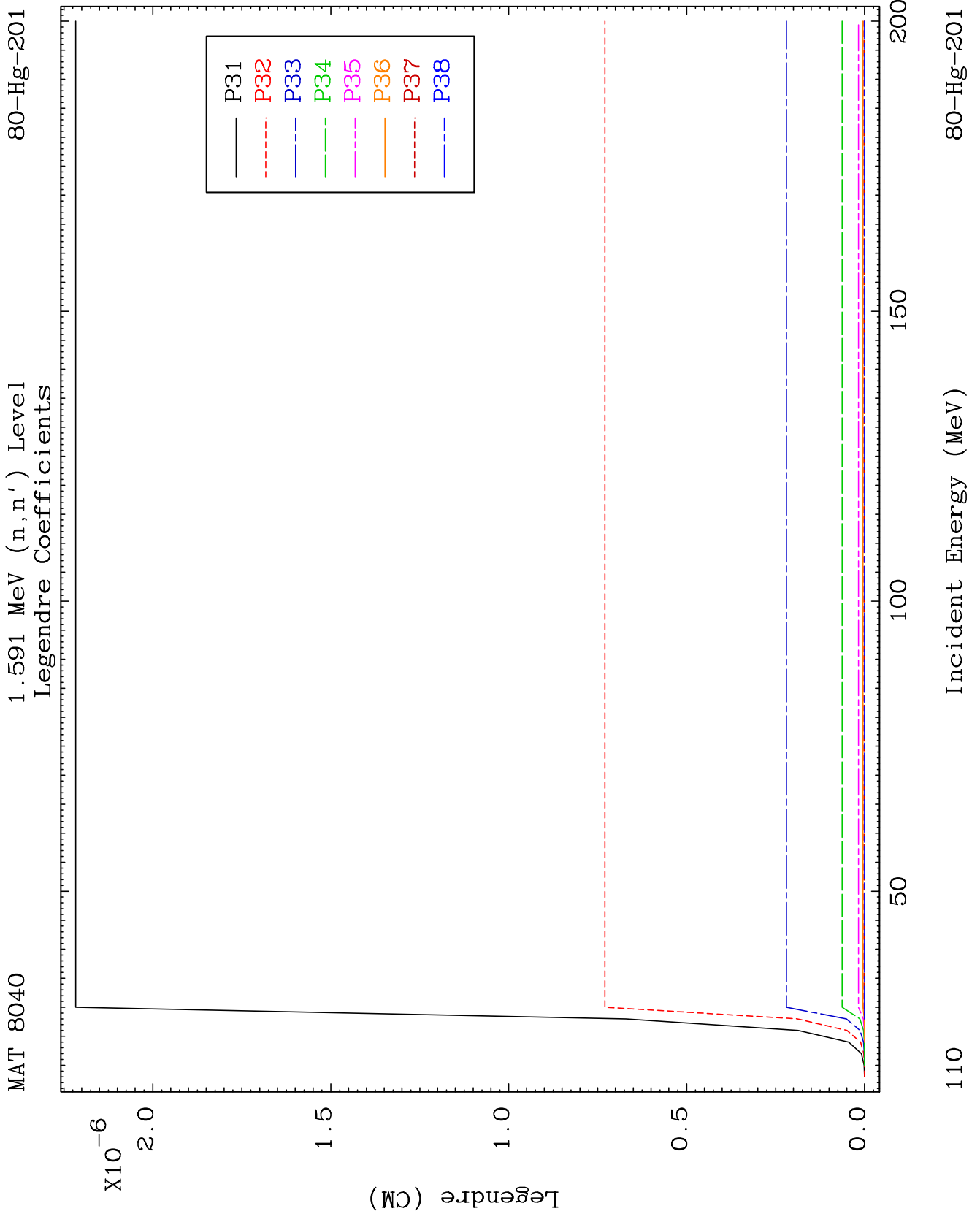
80-Hg-201



109

Incident Energy (MeV)

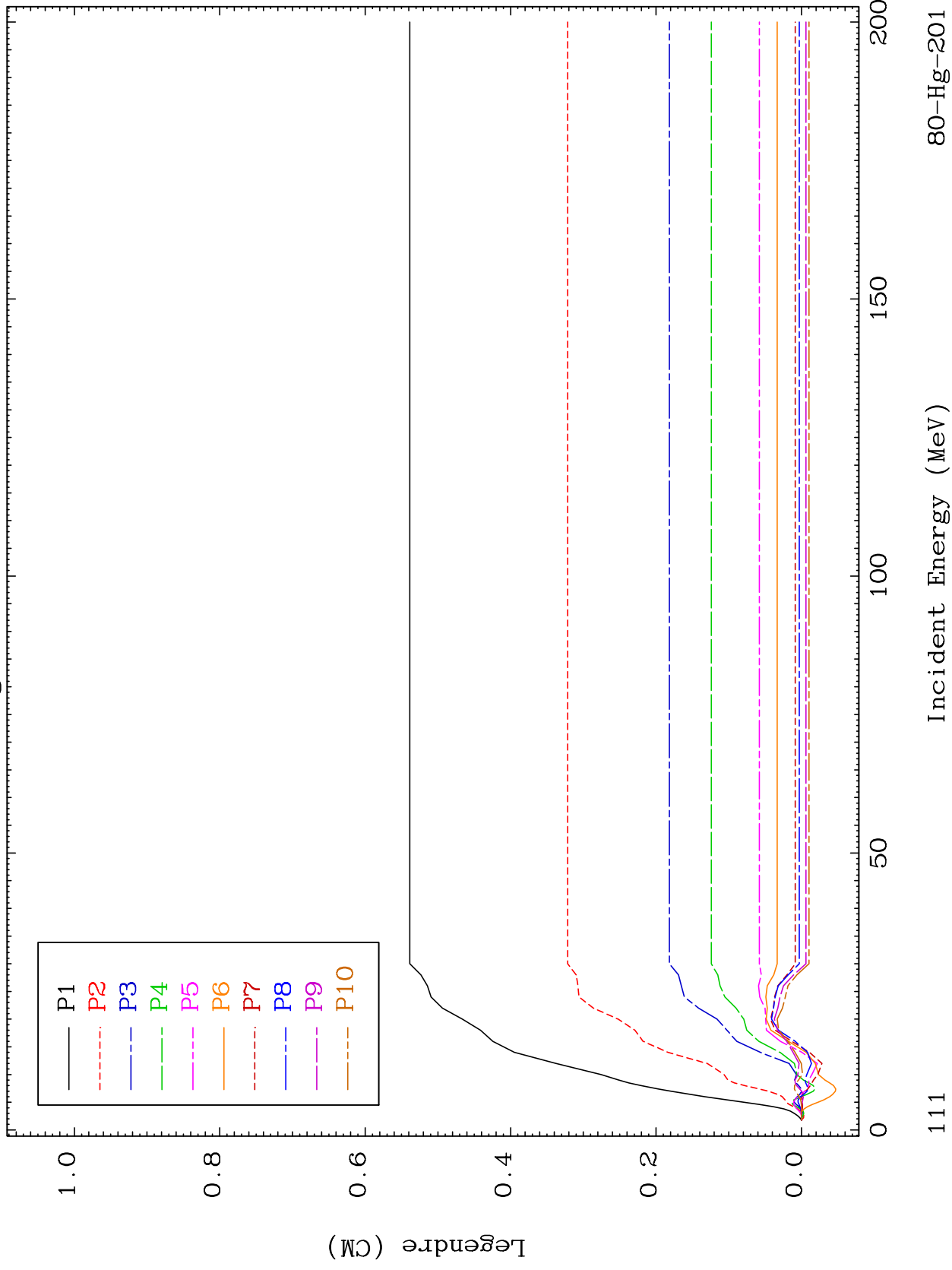
80-Hg-201



MAT 8040

1.693 MeV (n, n') Level  
Legendre Coefficients

80-Hg-201



111

Incident Energy (MeV)

80-Hg-201

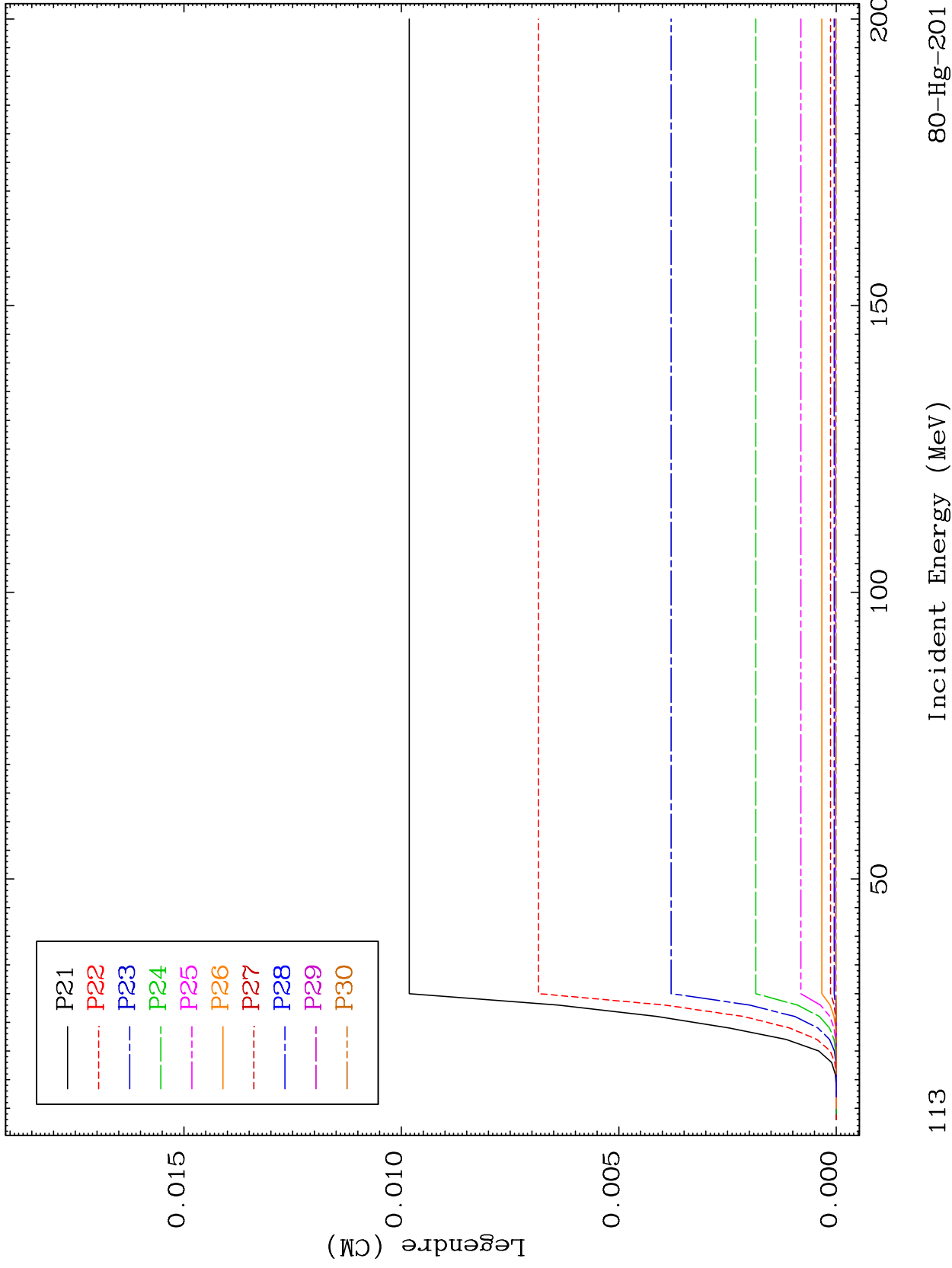




MAT 8040

1.693 MeV (n,n') Level  
Legendre Coefficients

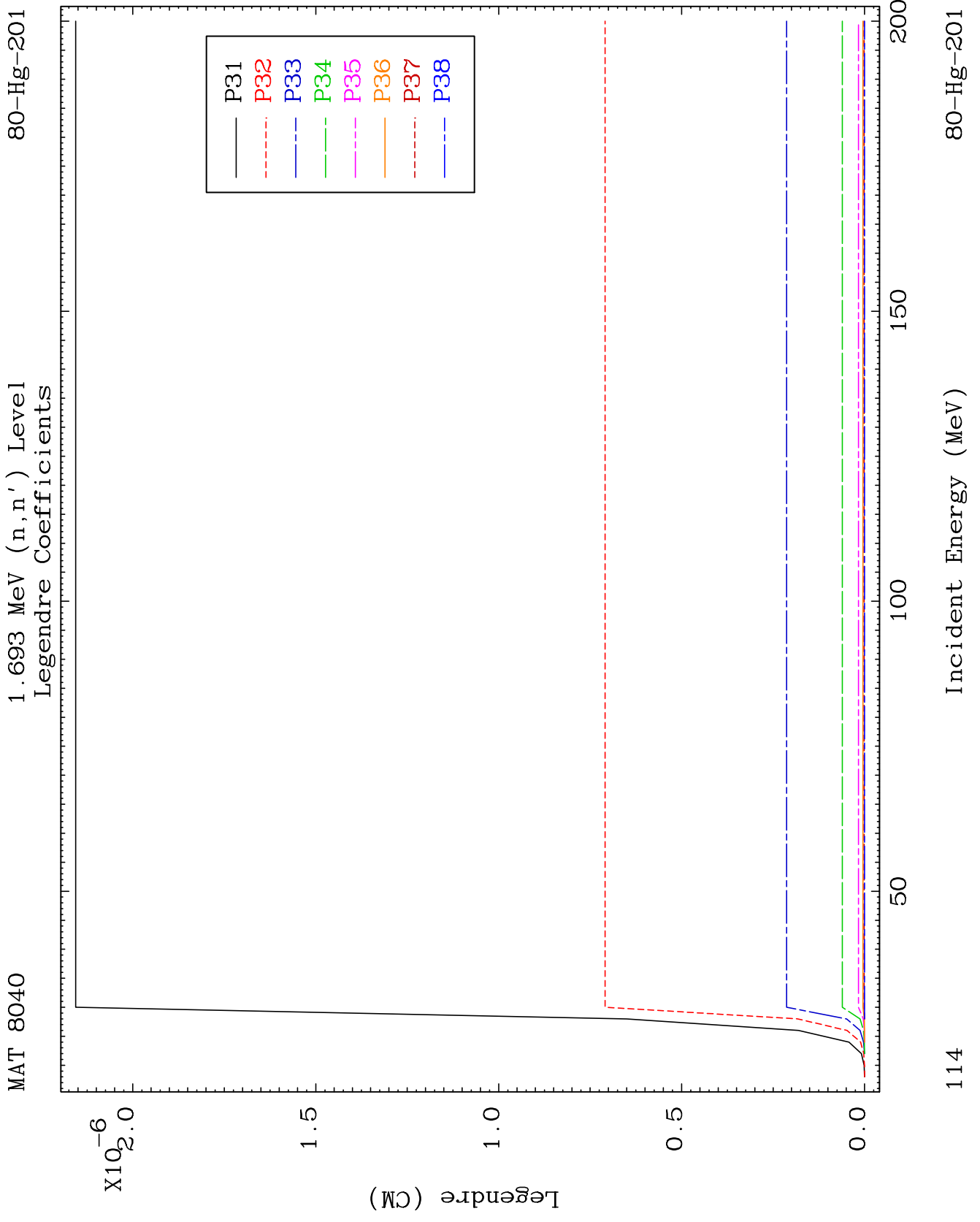
80-Hg-201



113

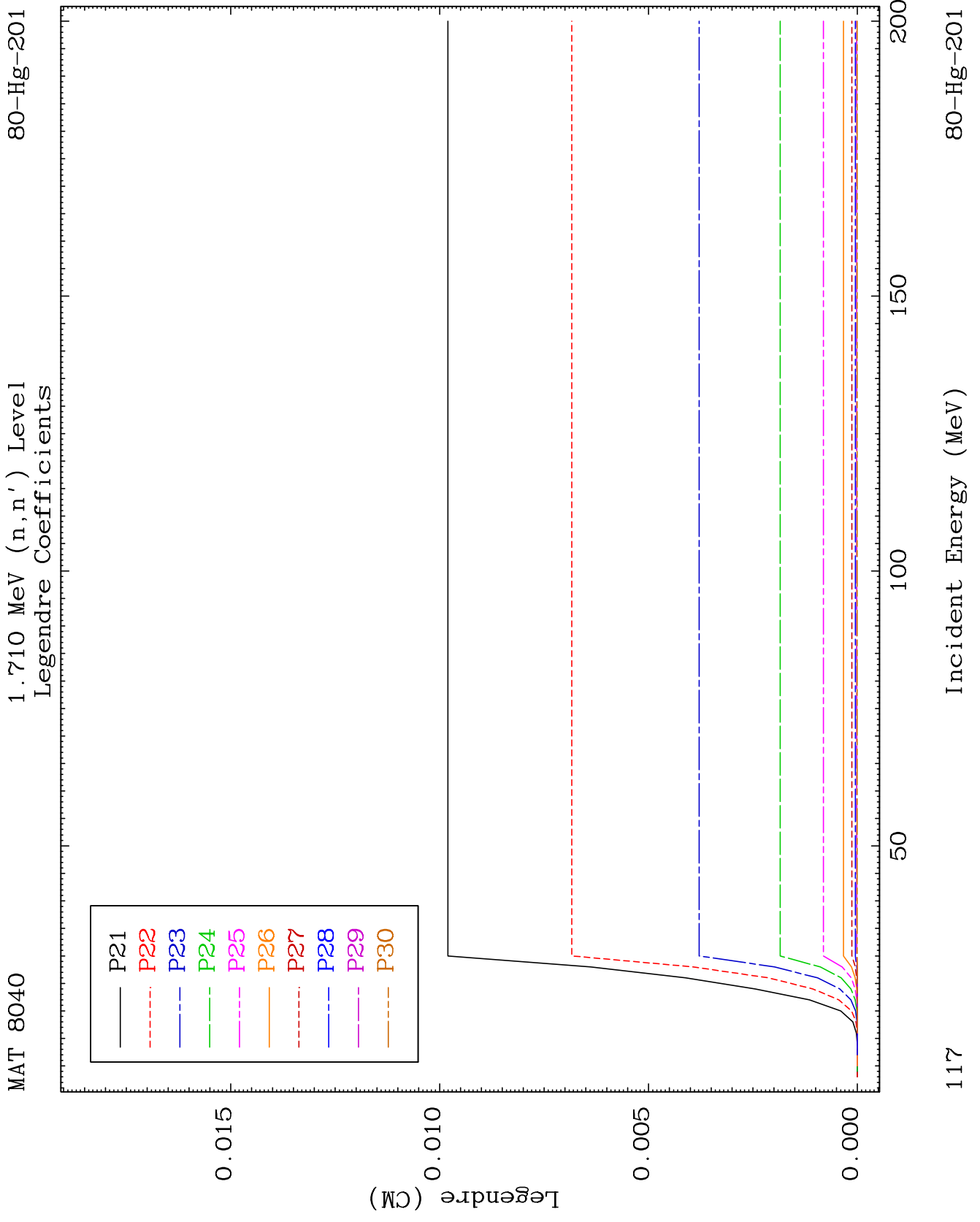
Incident Energy (MeV)

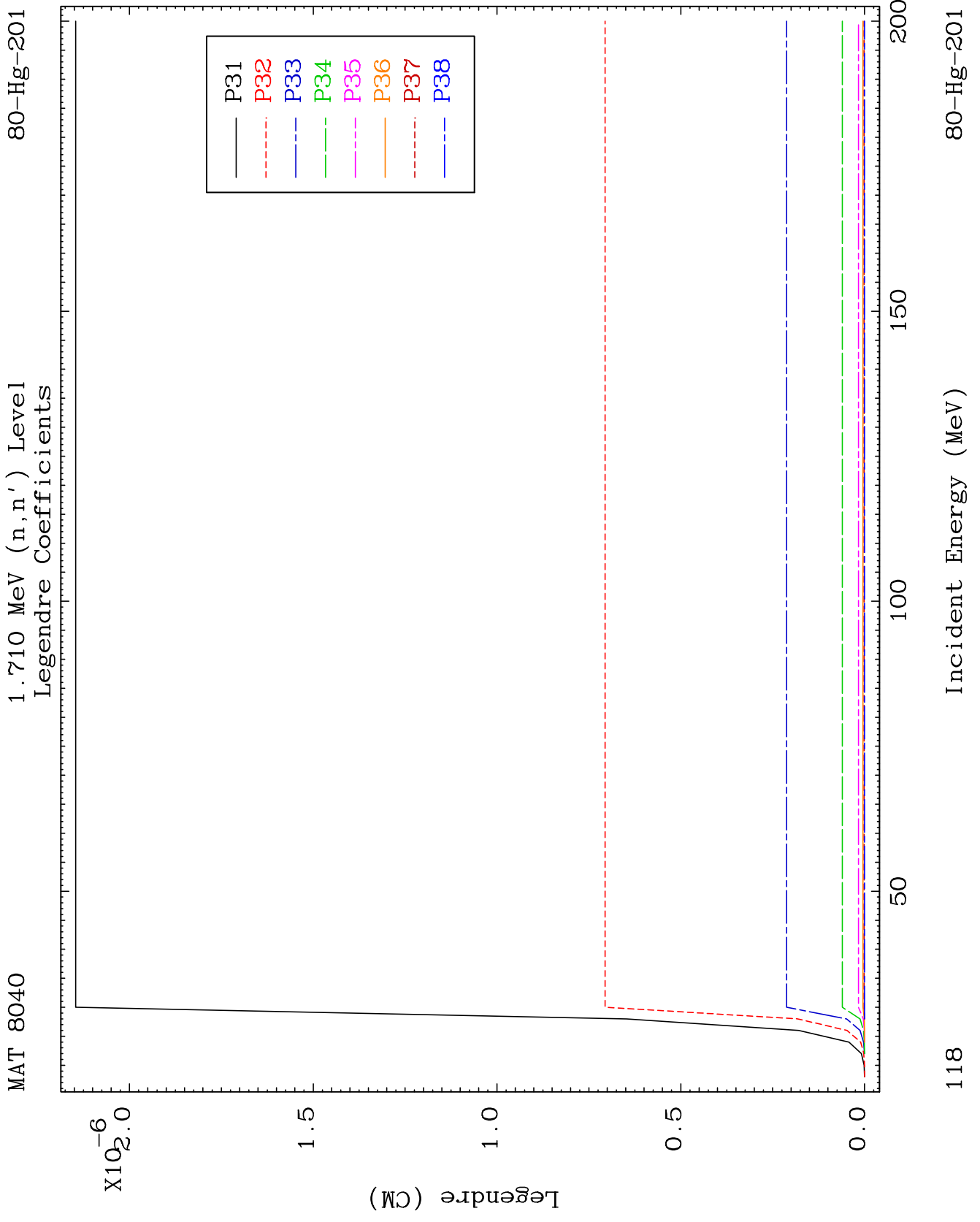
80-Hg-201







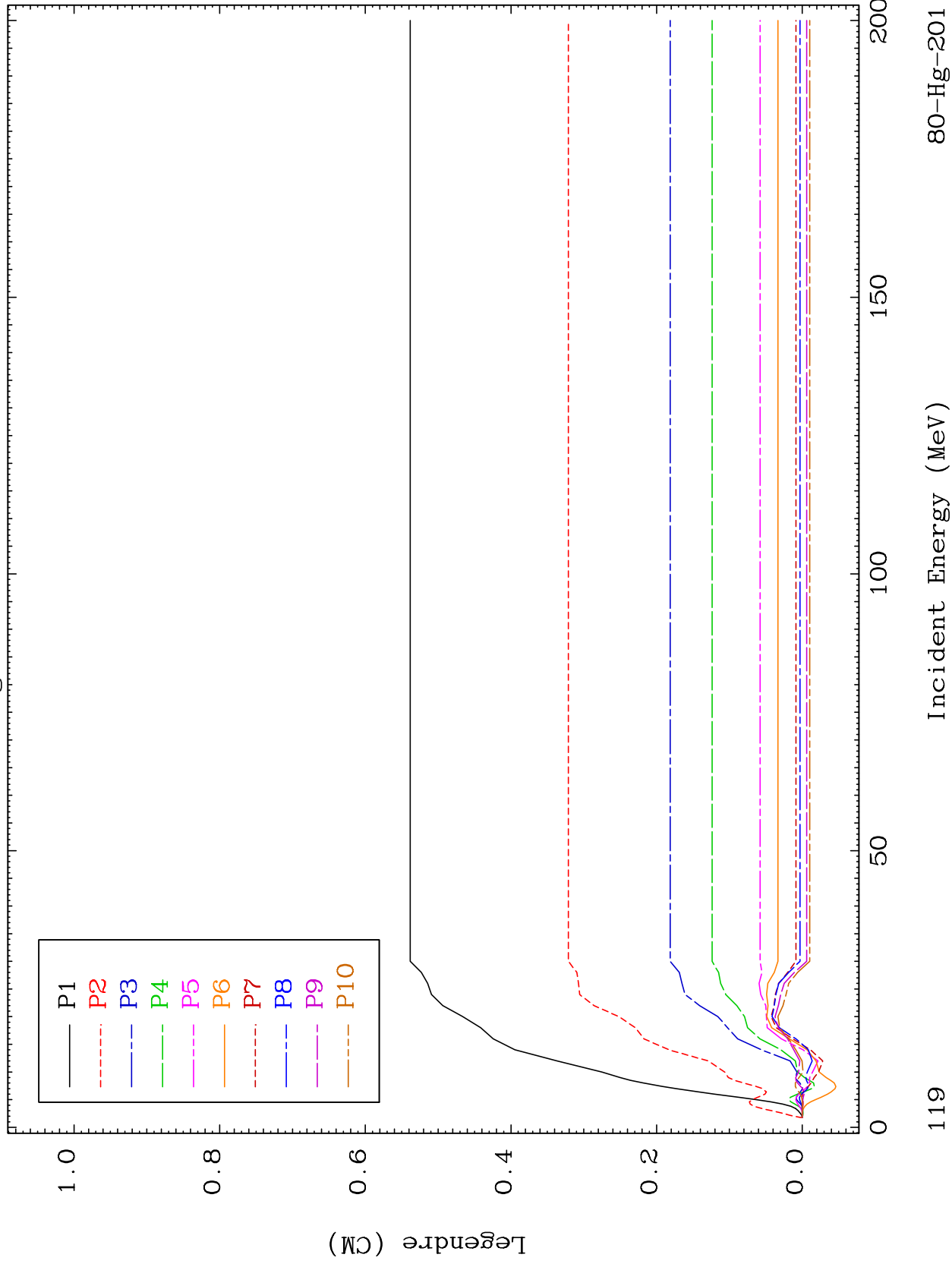




MAT 8040

1.737 MeV (n,n') Level  
Legendre Coefficients

80-Hg-201

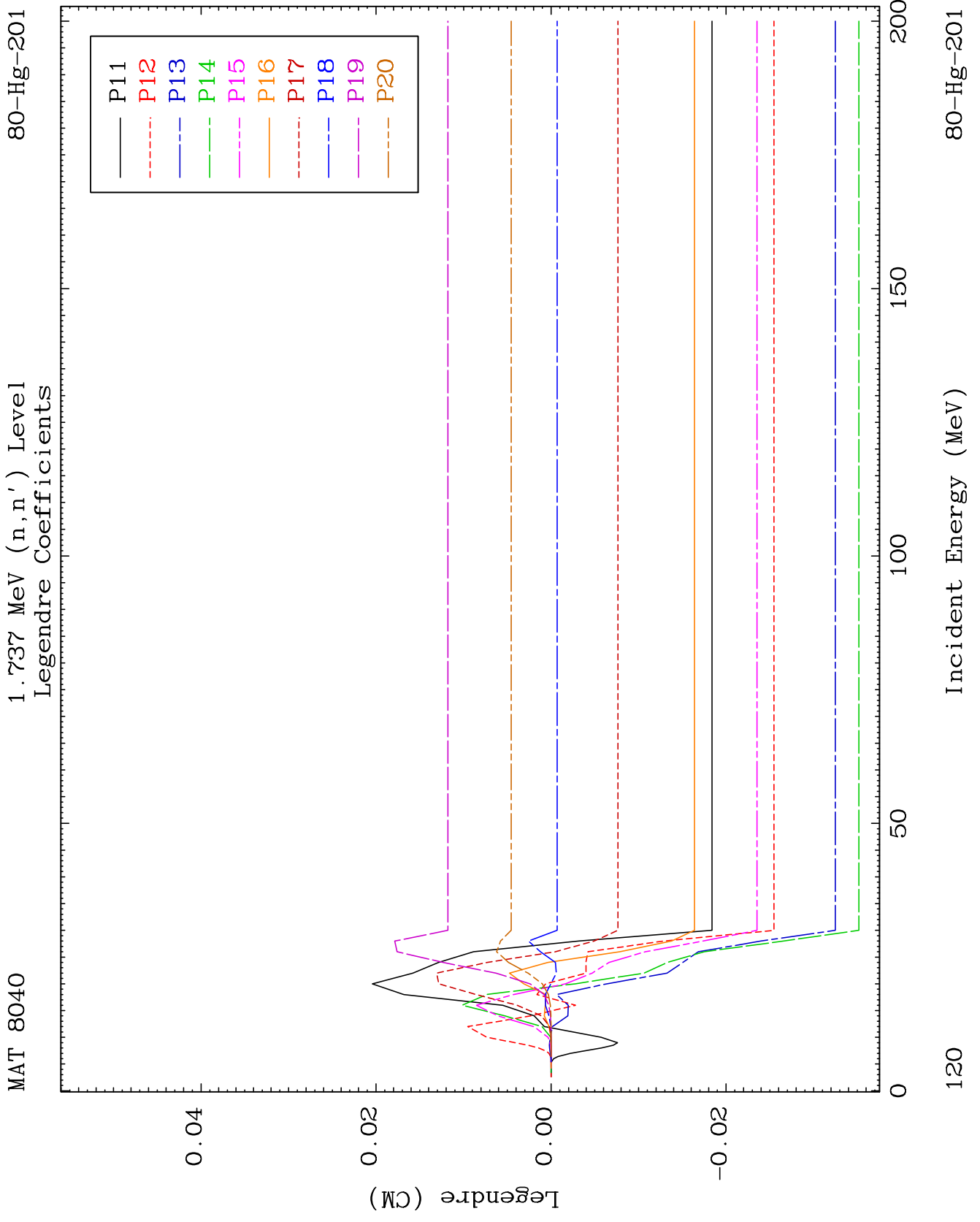


119

Incident Energy (MeV)

80-Hg-201

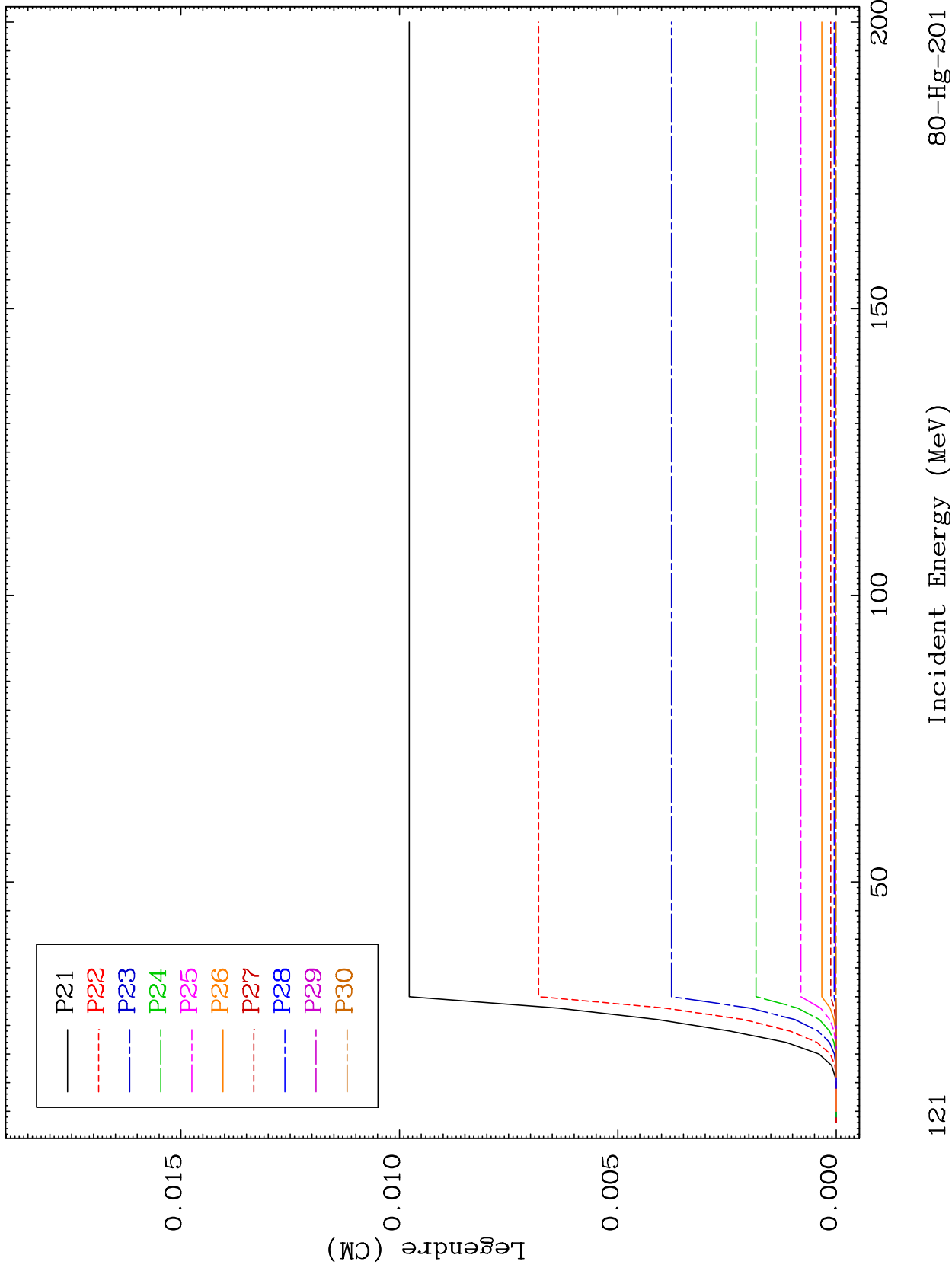


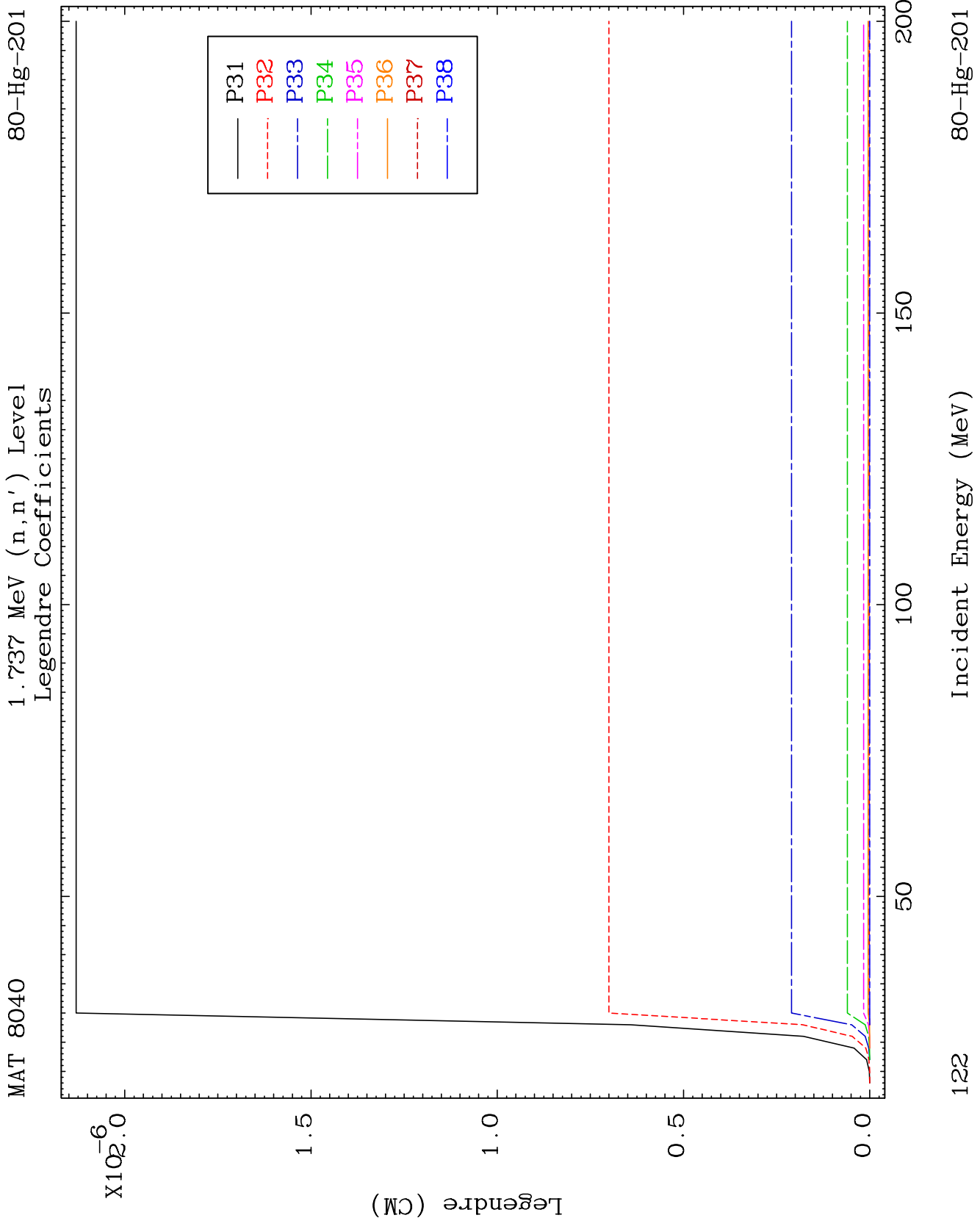


MAT 8040

1.737 MeV (n,n') Level  
Legendre Coefficients

80-Hg-201

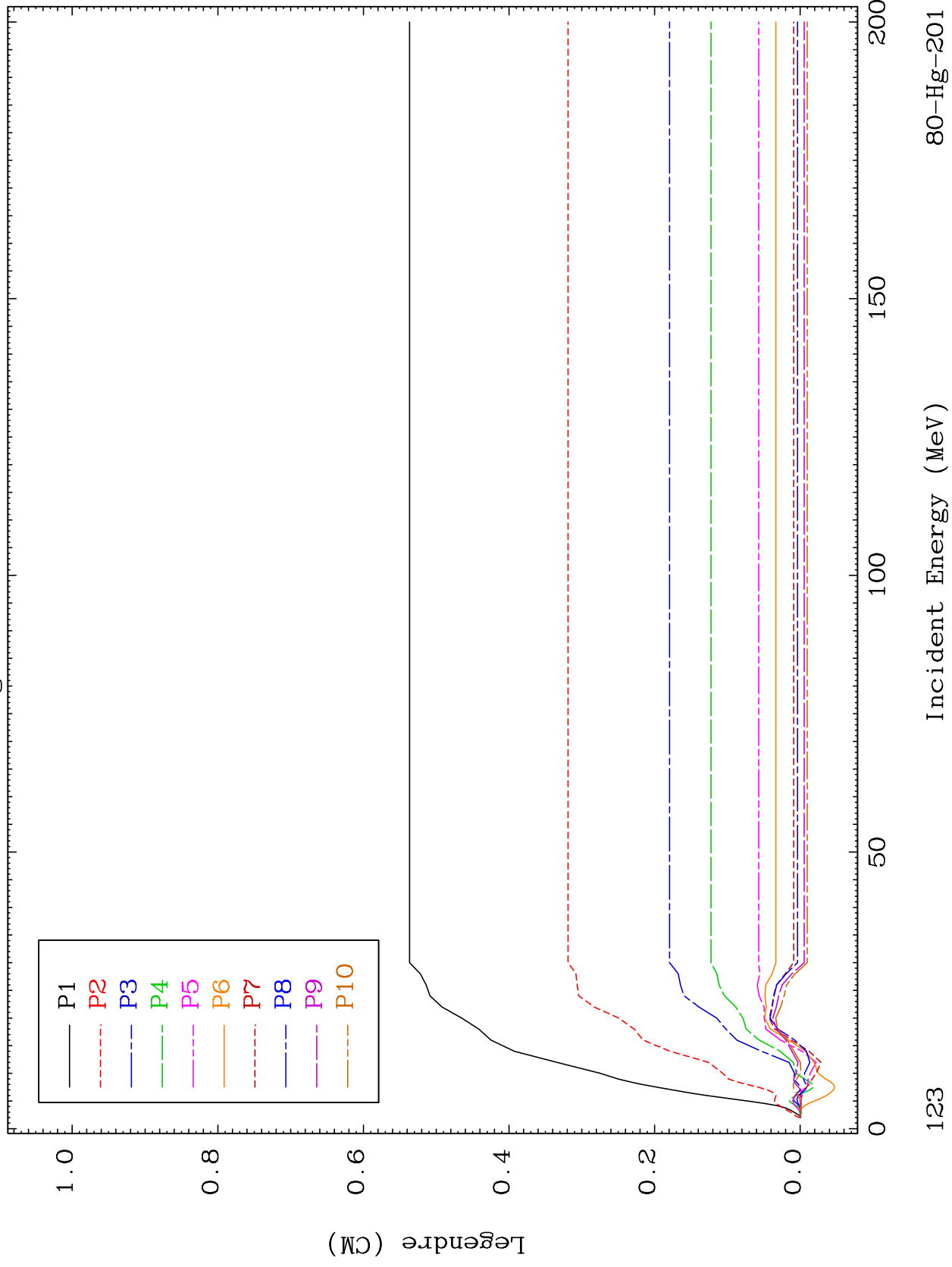


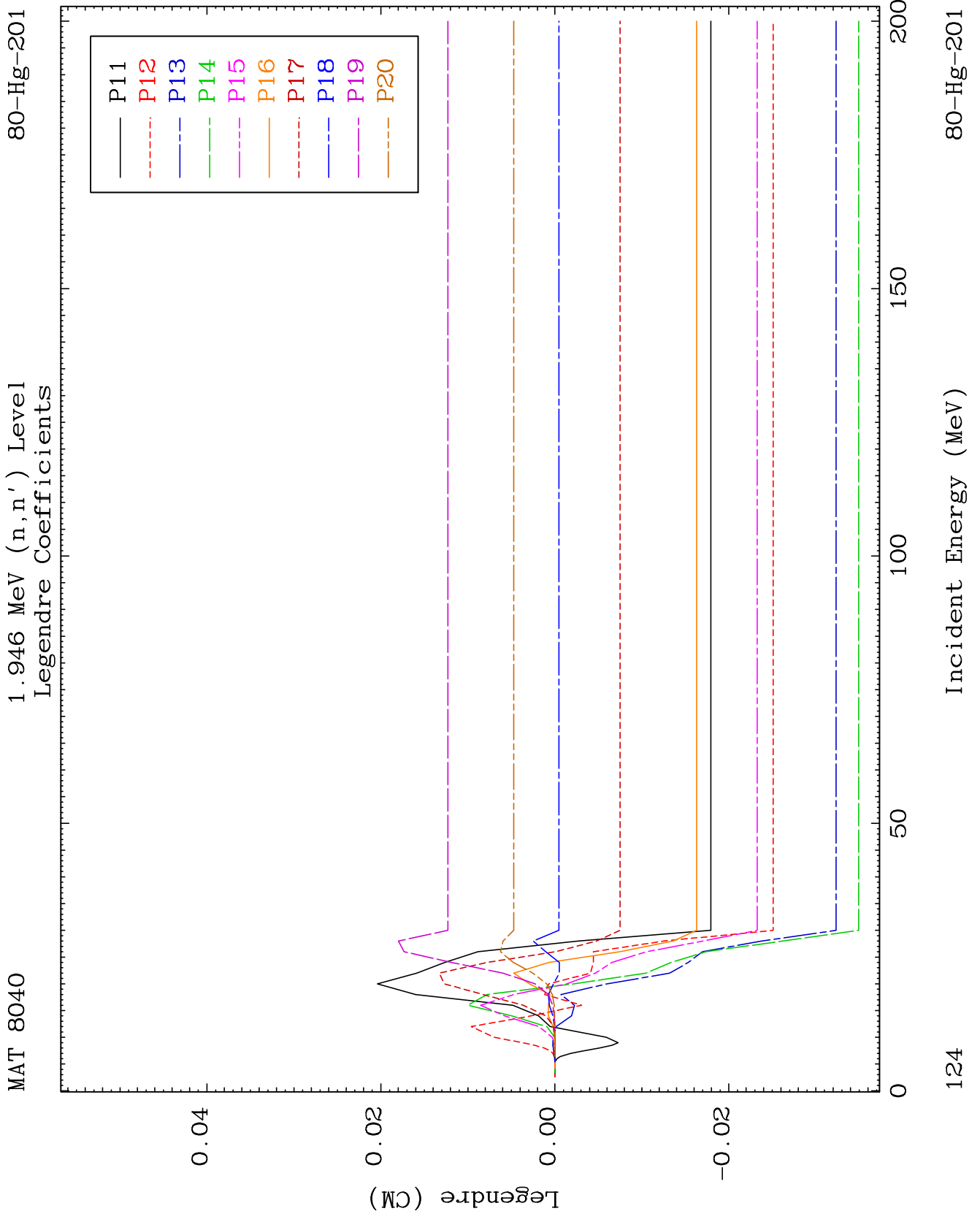


MAT 8040

1.946 MeV (n, n') Level  
Legendre Coefficients

80-Hg-201

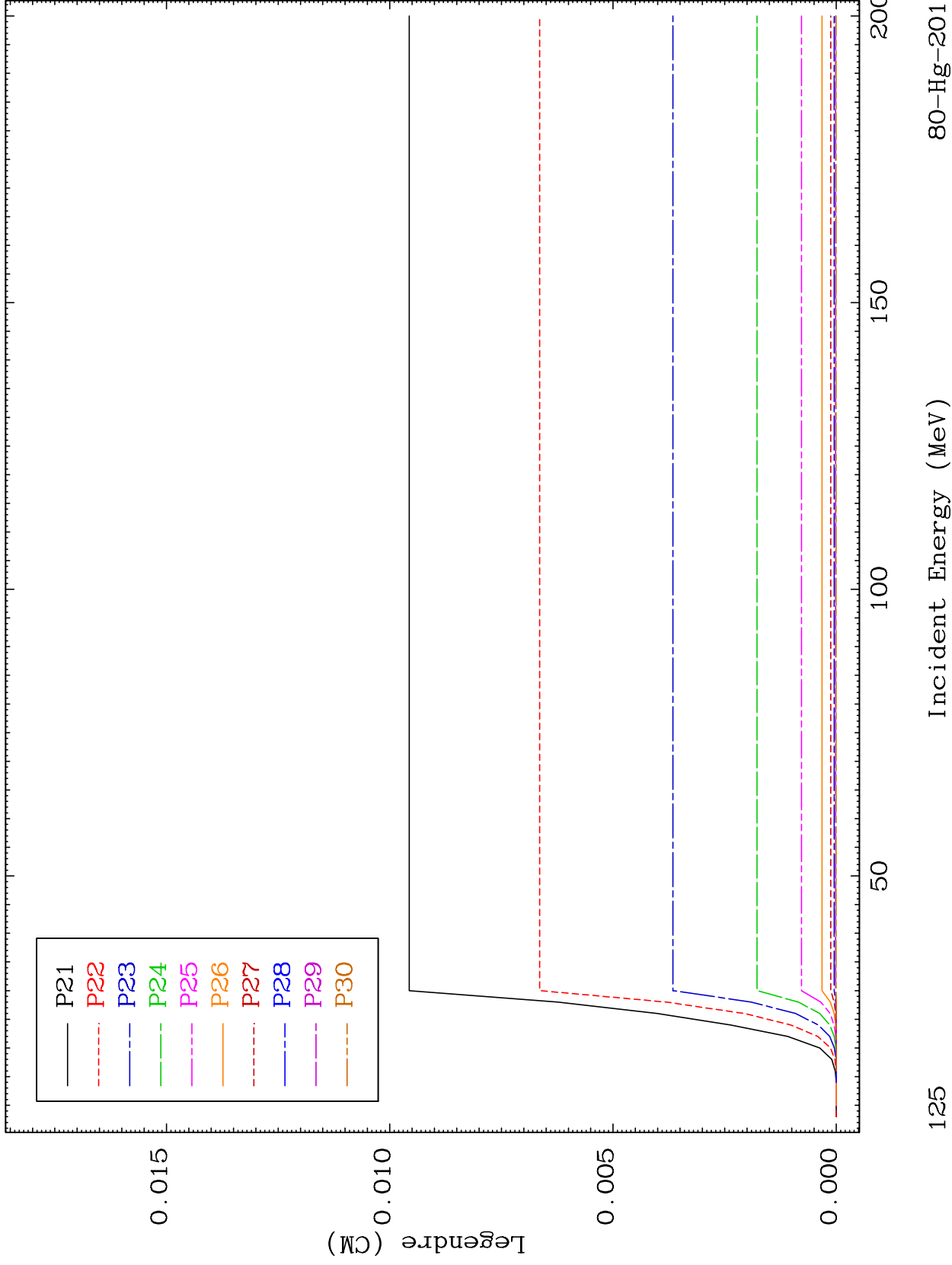




MAT 8040

1.946 MeV (n,n') Level  
Legendre Coefficients

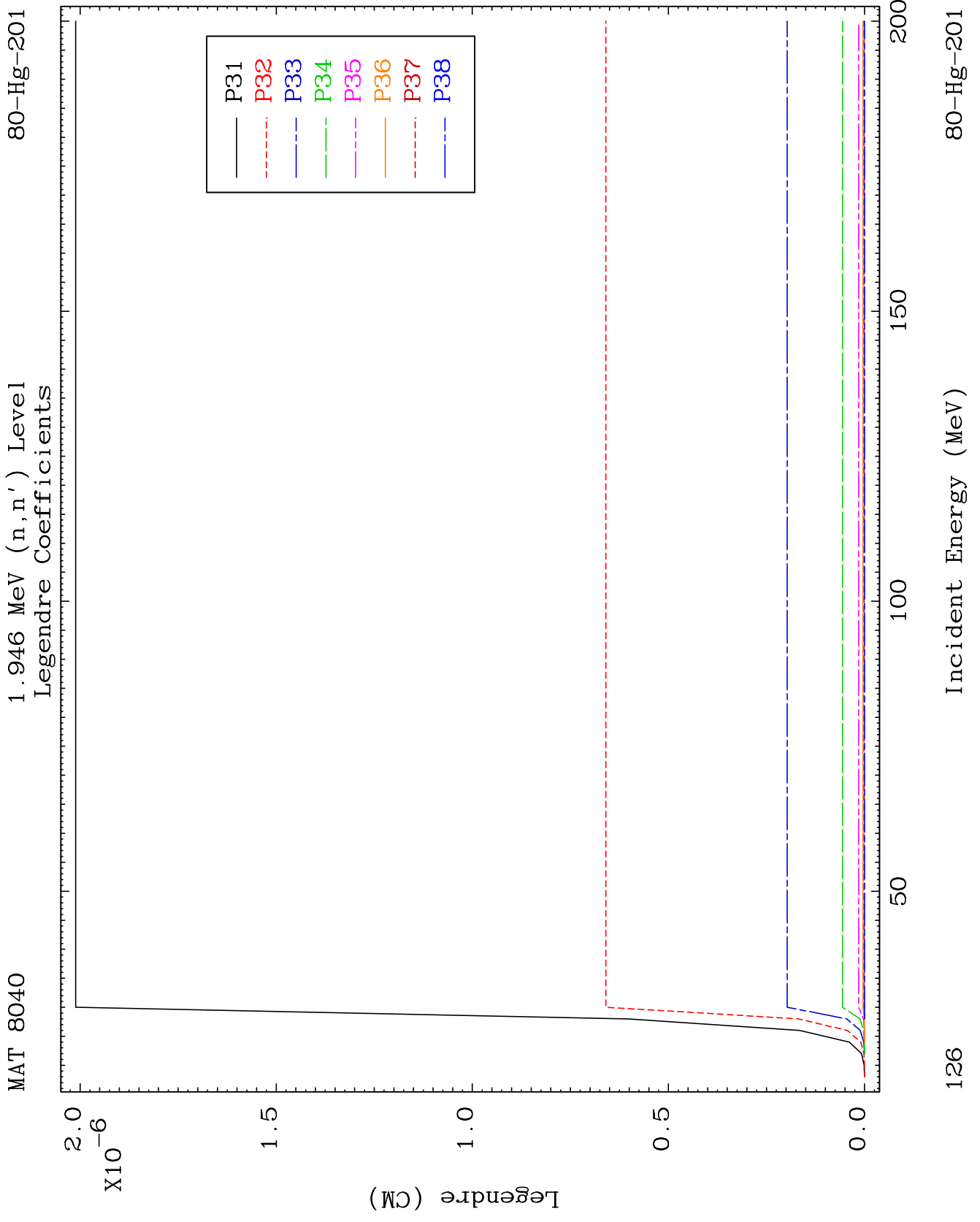
80-Hg-201



125

Incident Energy (MeV)

80-Hg-201





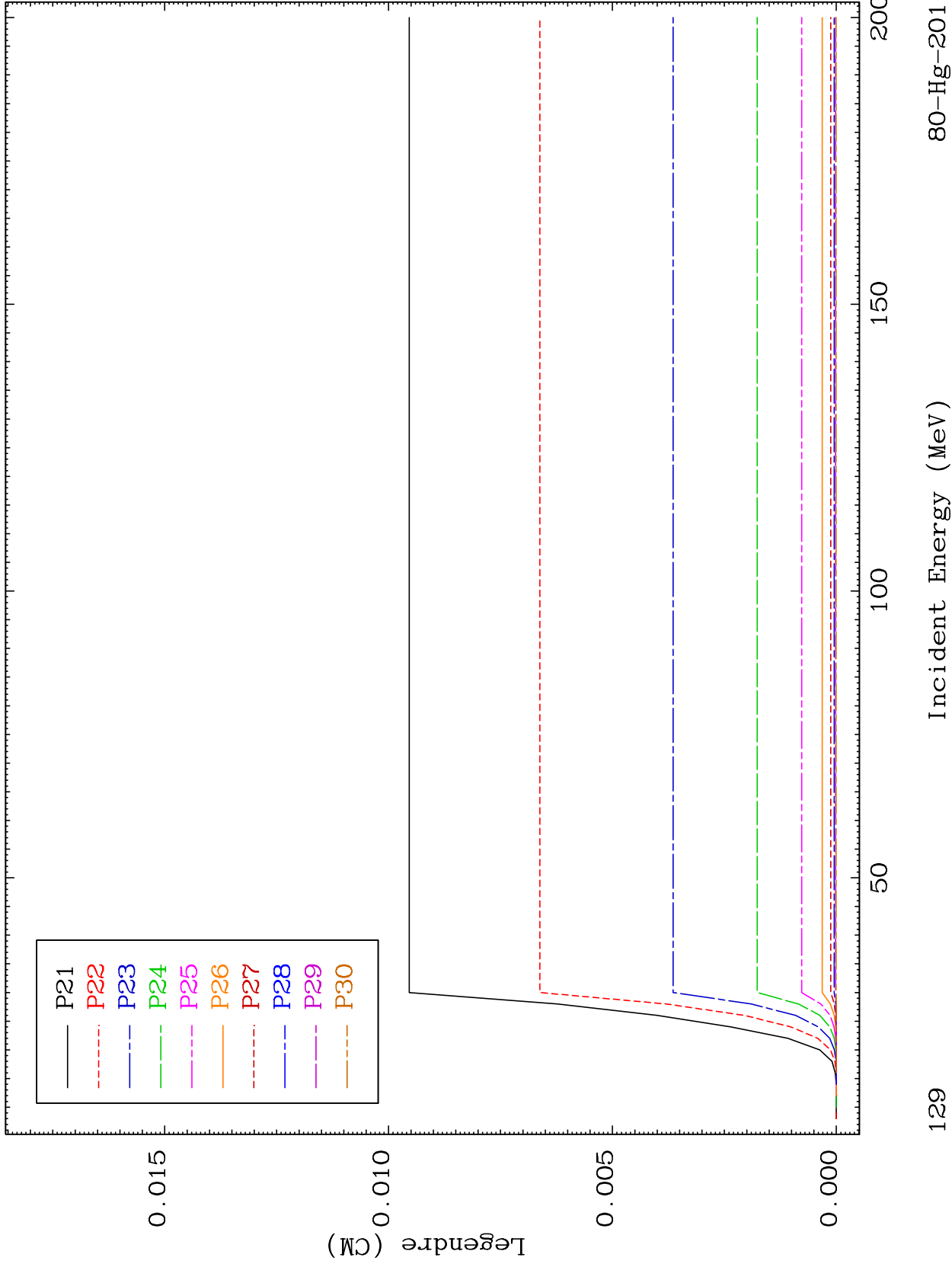




MAT 8040

1.971 MeV (n,n') Level  
Legendre Coefficients

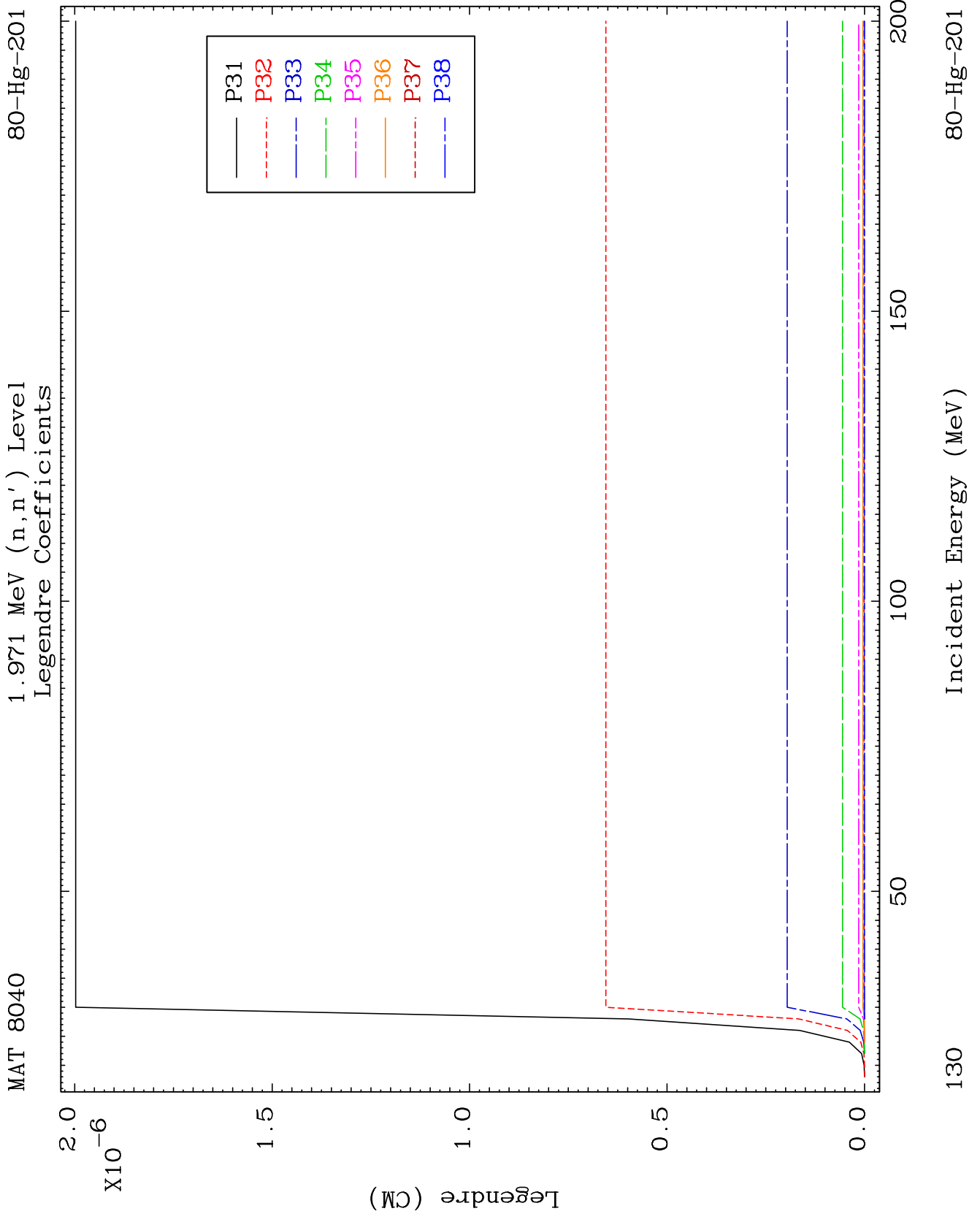
80-Hg-201

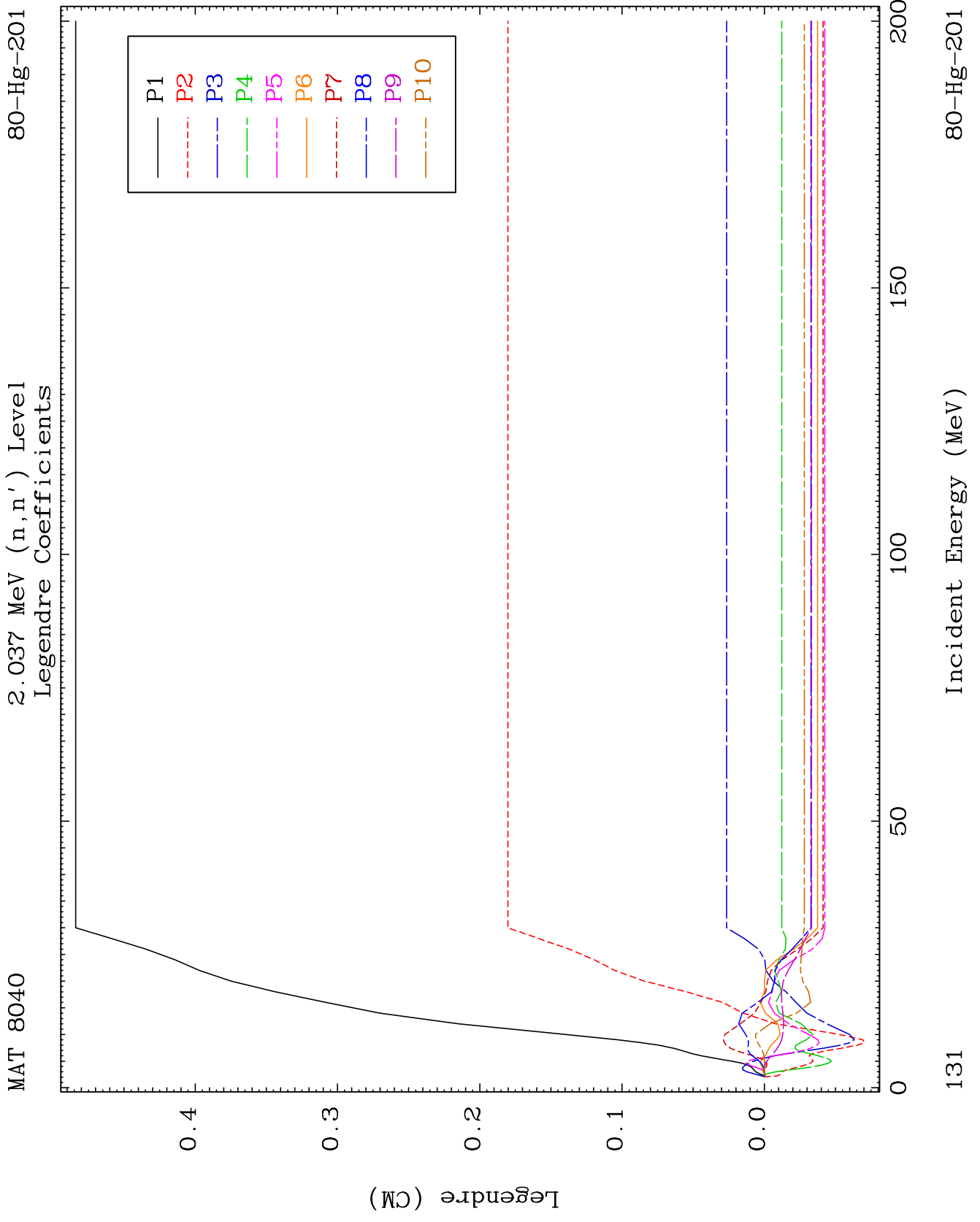


129

Incident Energy (MeV)

80-Hg-201

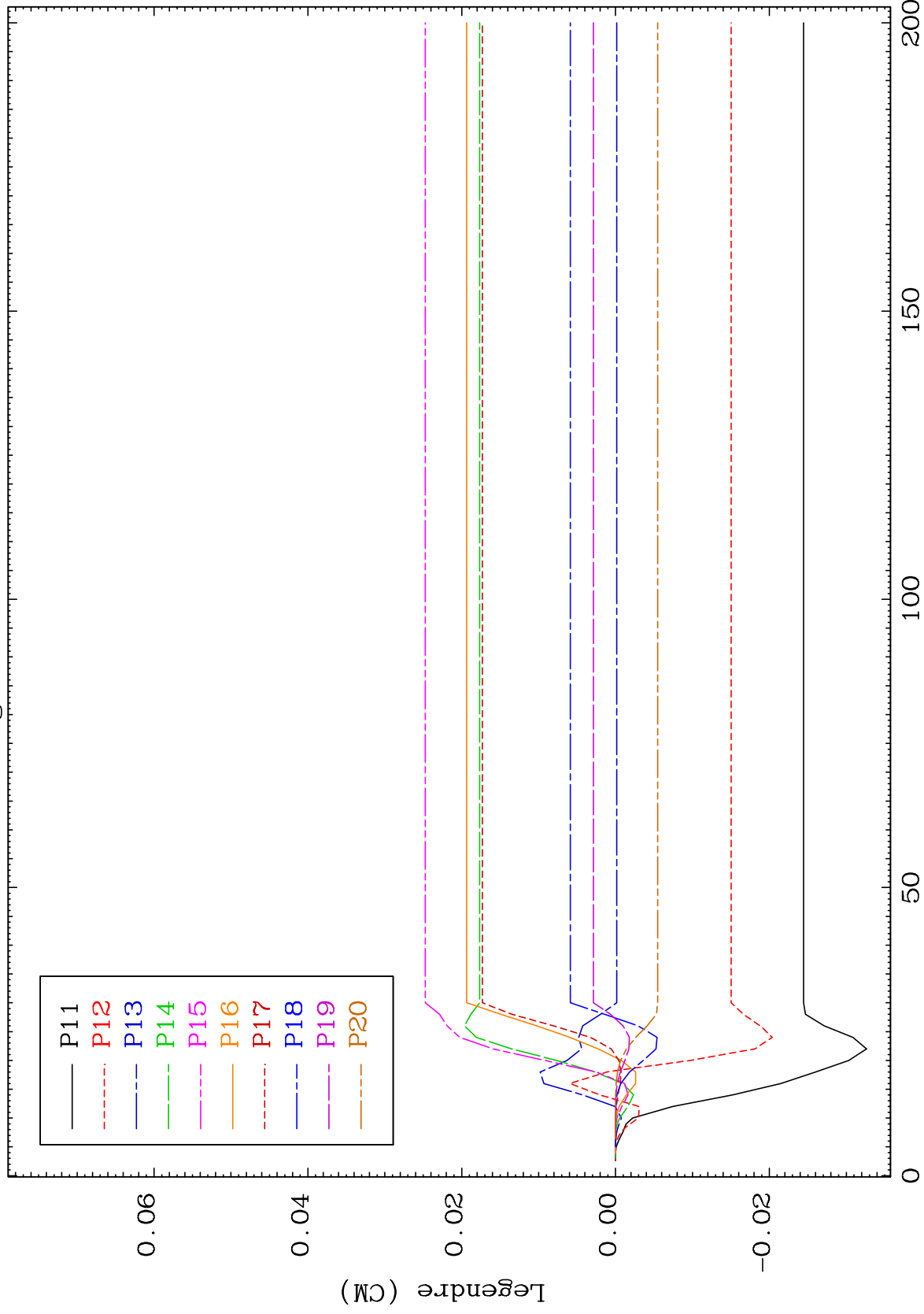




MAT 8040

2.037 MeV (n, n') Level  
Legendre Coefficients

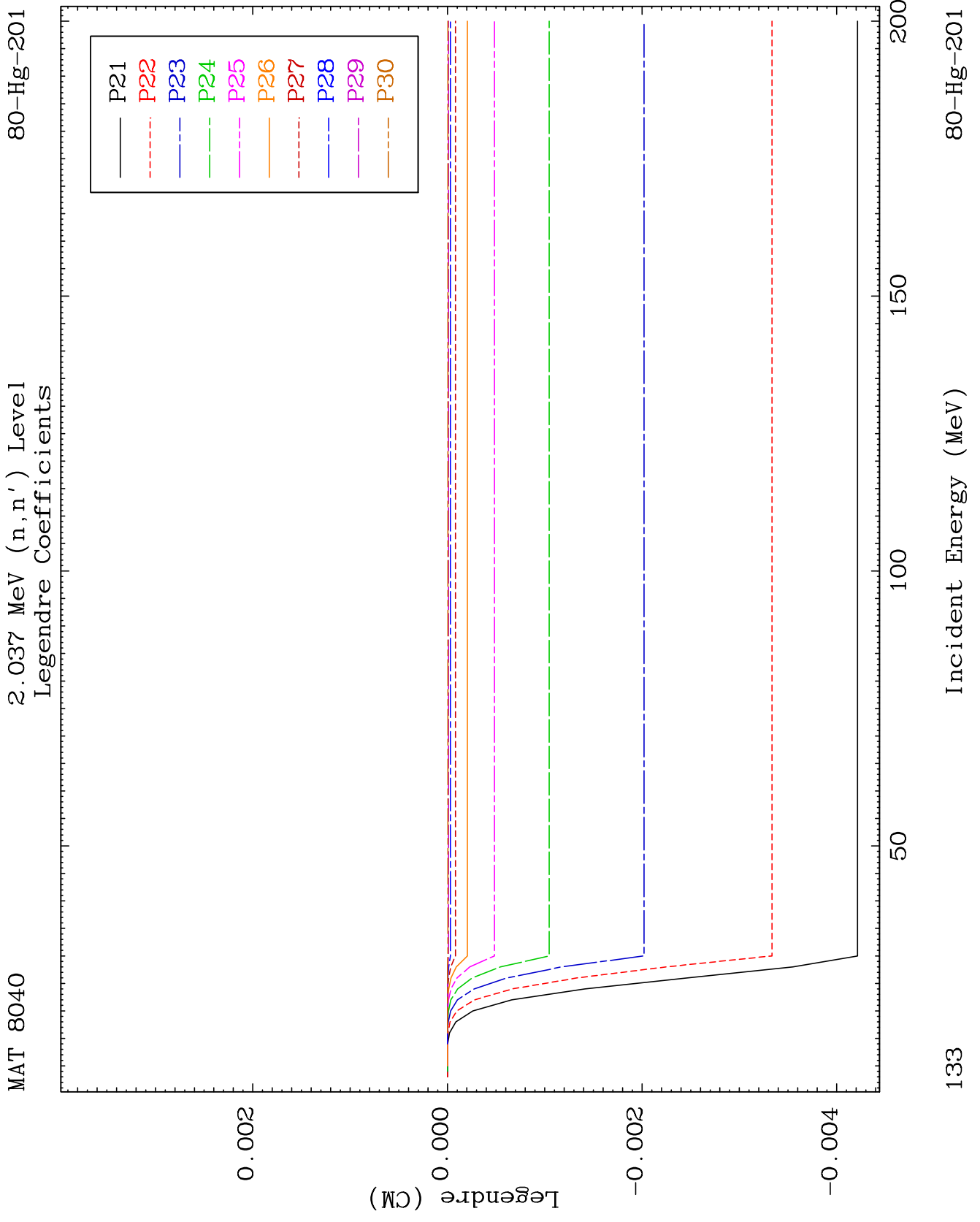
80-Hg-201

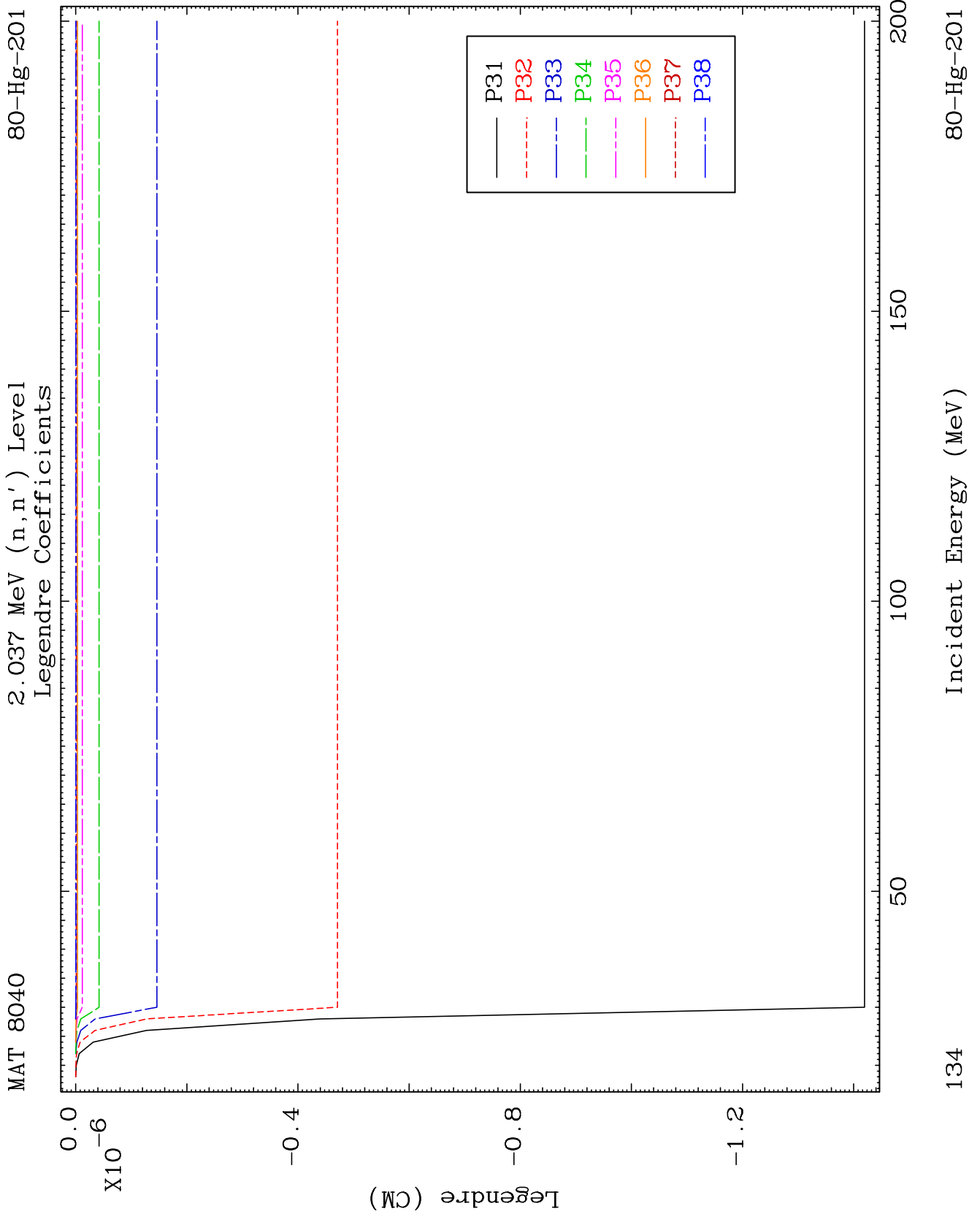


132

Incident Energy (MeV)

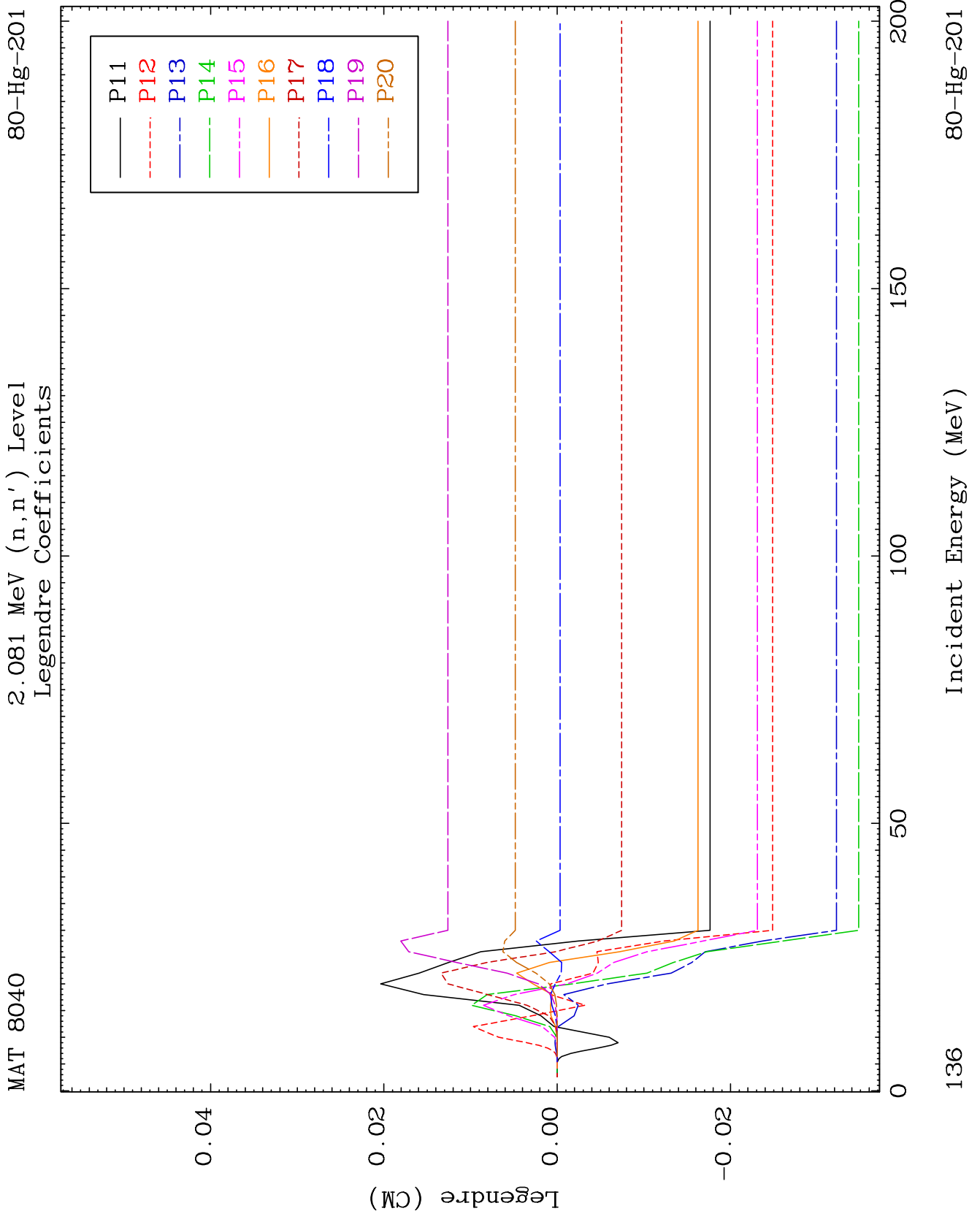
80-Hg-201







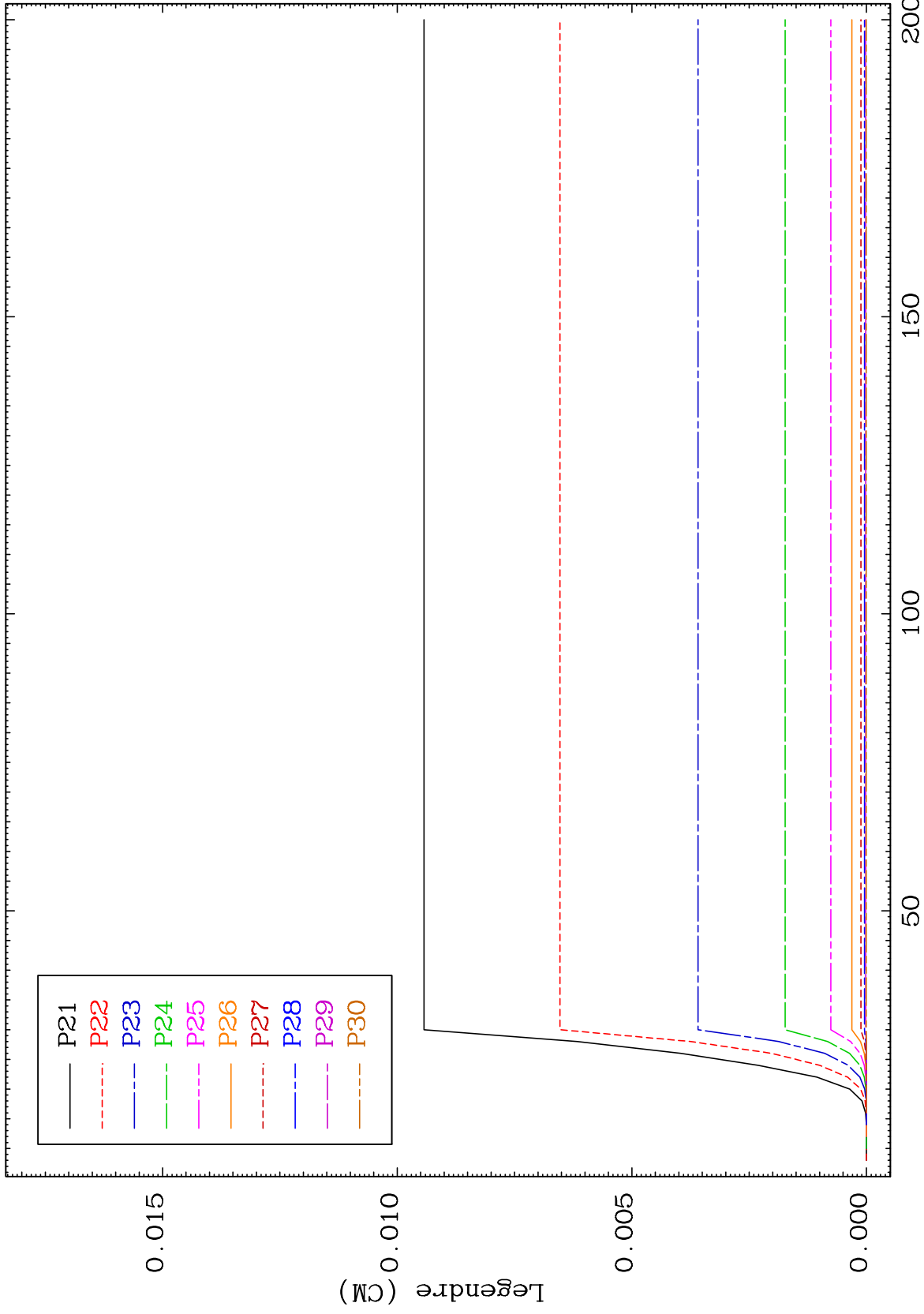




MAT 8040

2.081 MeV (n,n') Level  
Legendre Coefficients

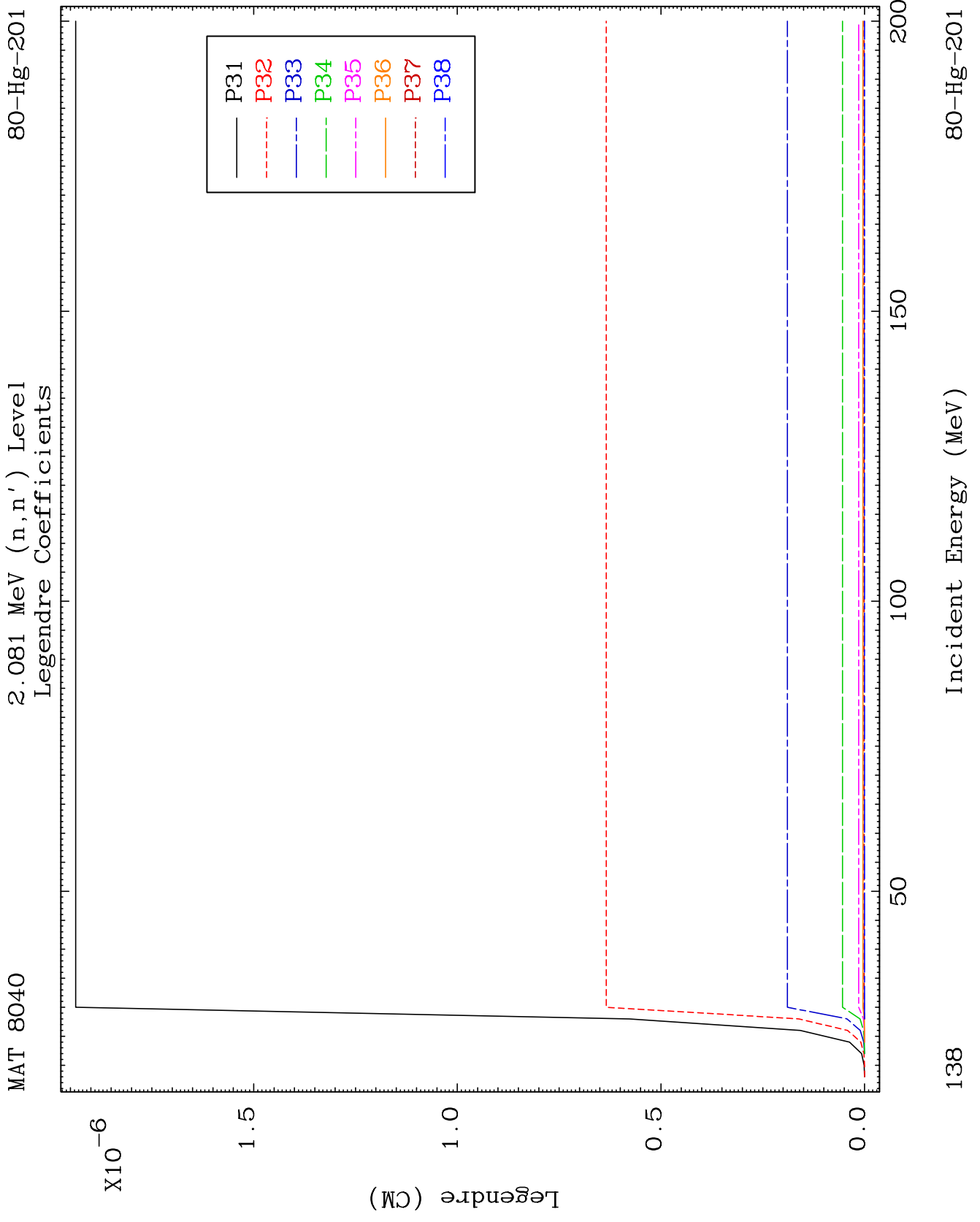
80-Hg-201



137

Incident Energy (MeV)

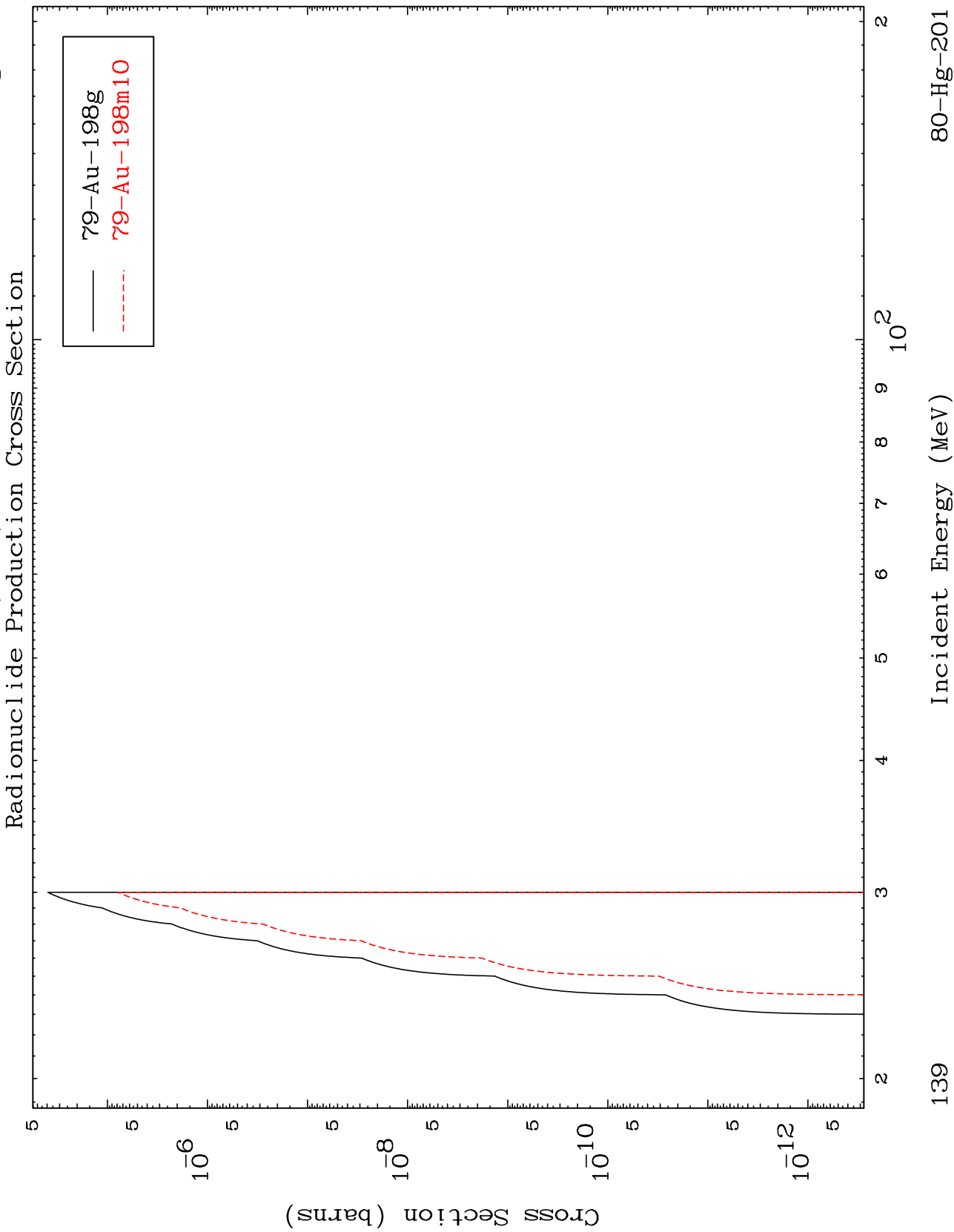
80-Hg-201



MAT 8040

(n,2n) d

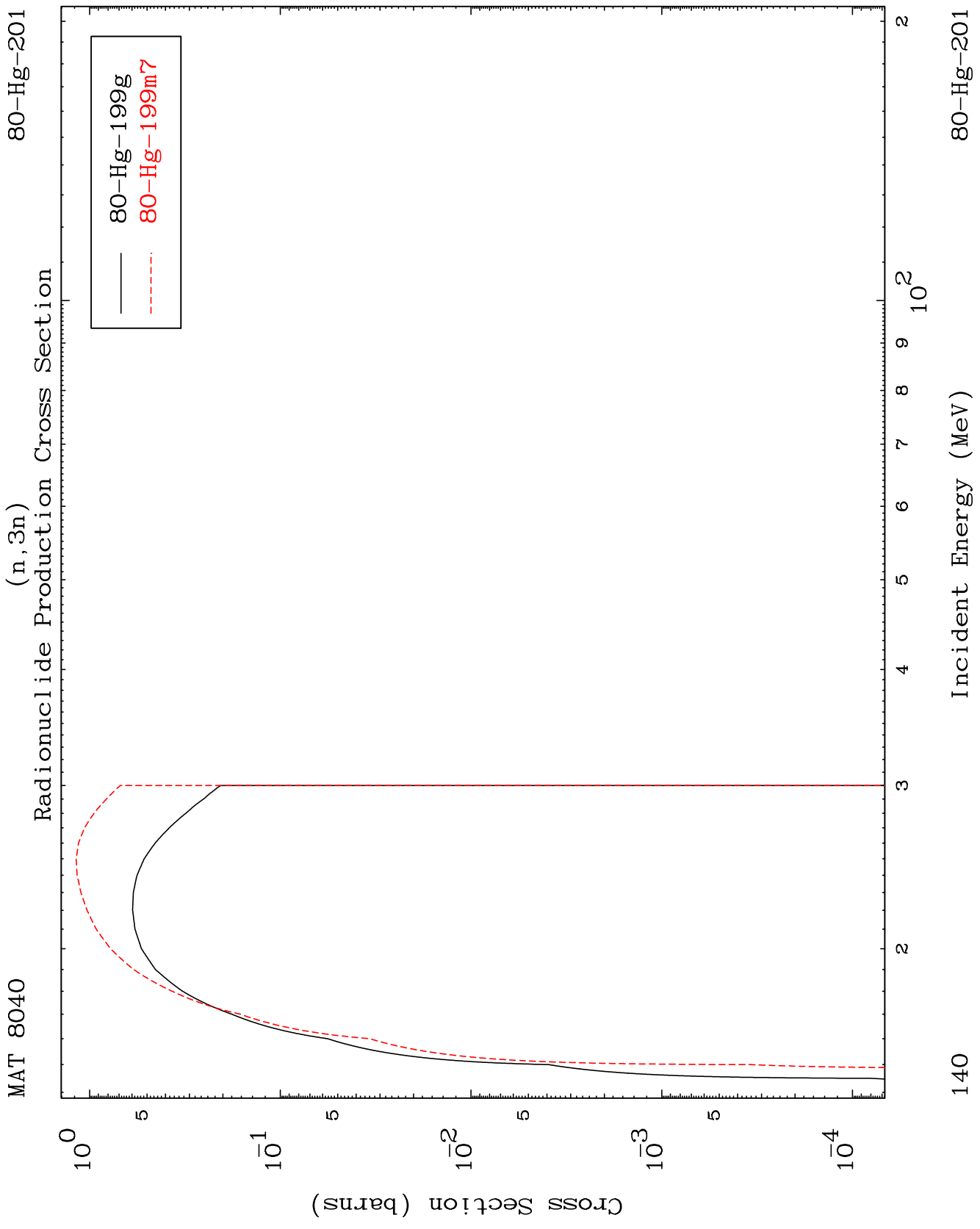
80-Hg-201



139

Incident Energy (MeV)

80-Hg-201

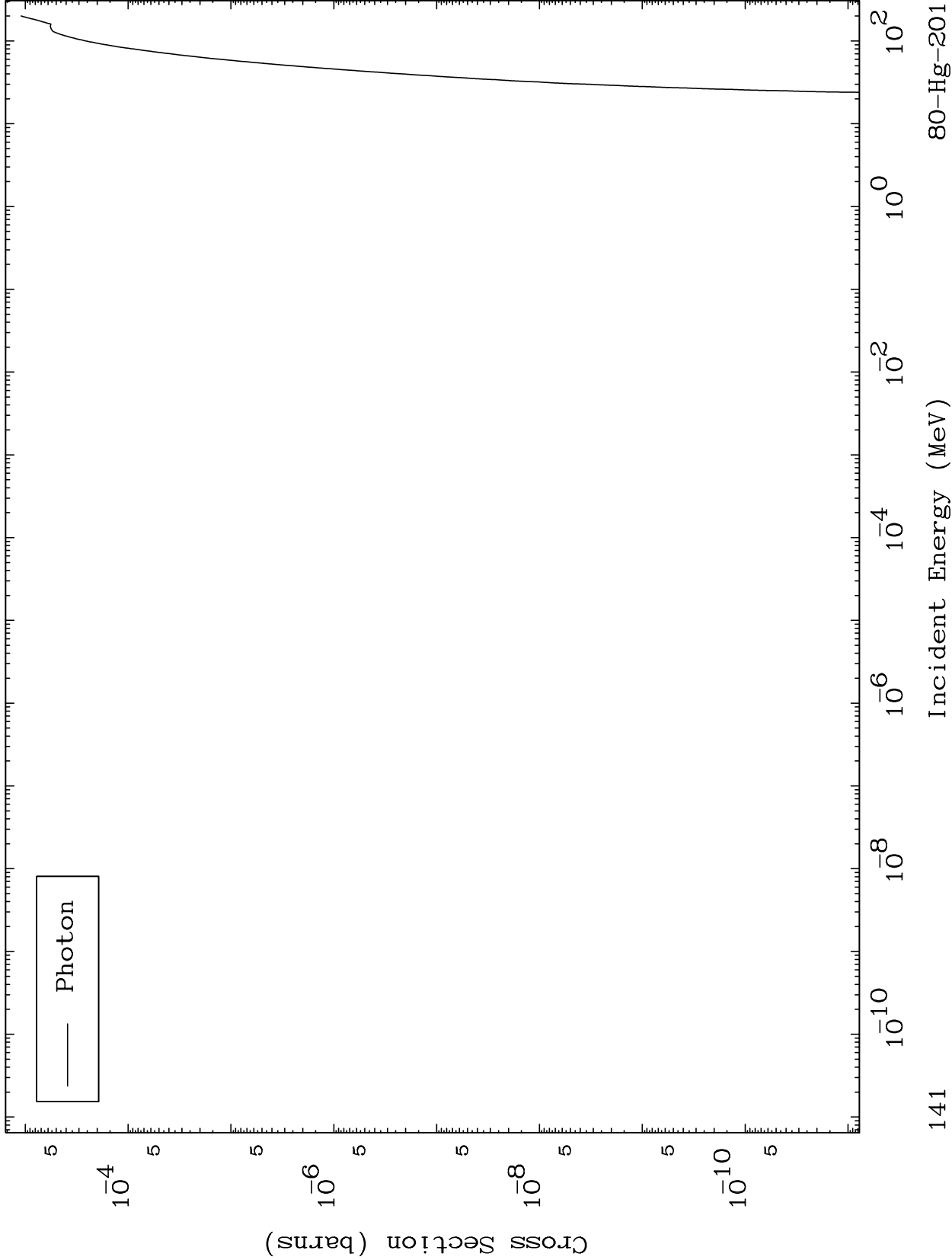


MAT 8040

Fission

80-Hg-201

Radionuclide Production Cross Section



141

Incident Energy (MeV)

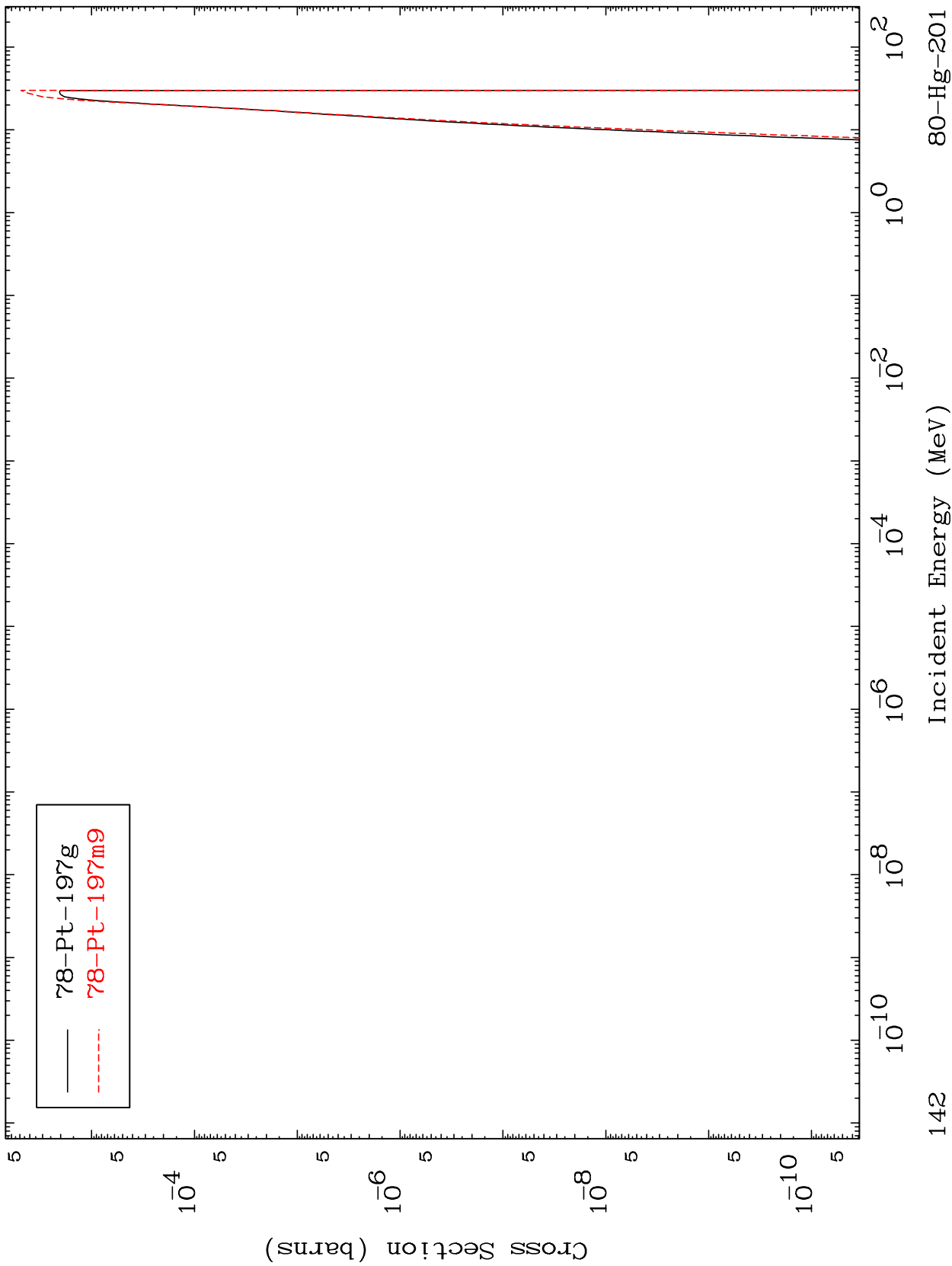
80-Hg-201

MAT 8040

$(n, n') \alpha$

80-Hg-201

Radionuclide Production Cross Section

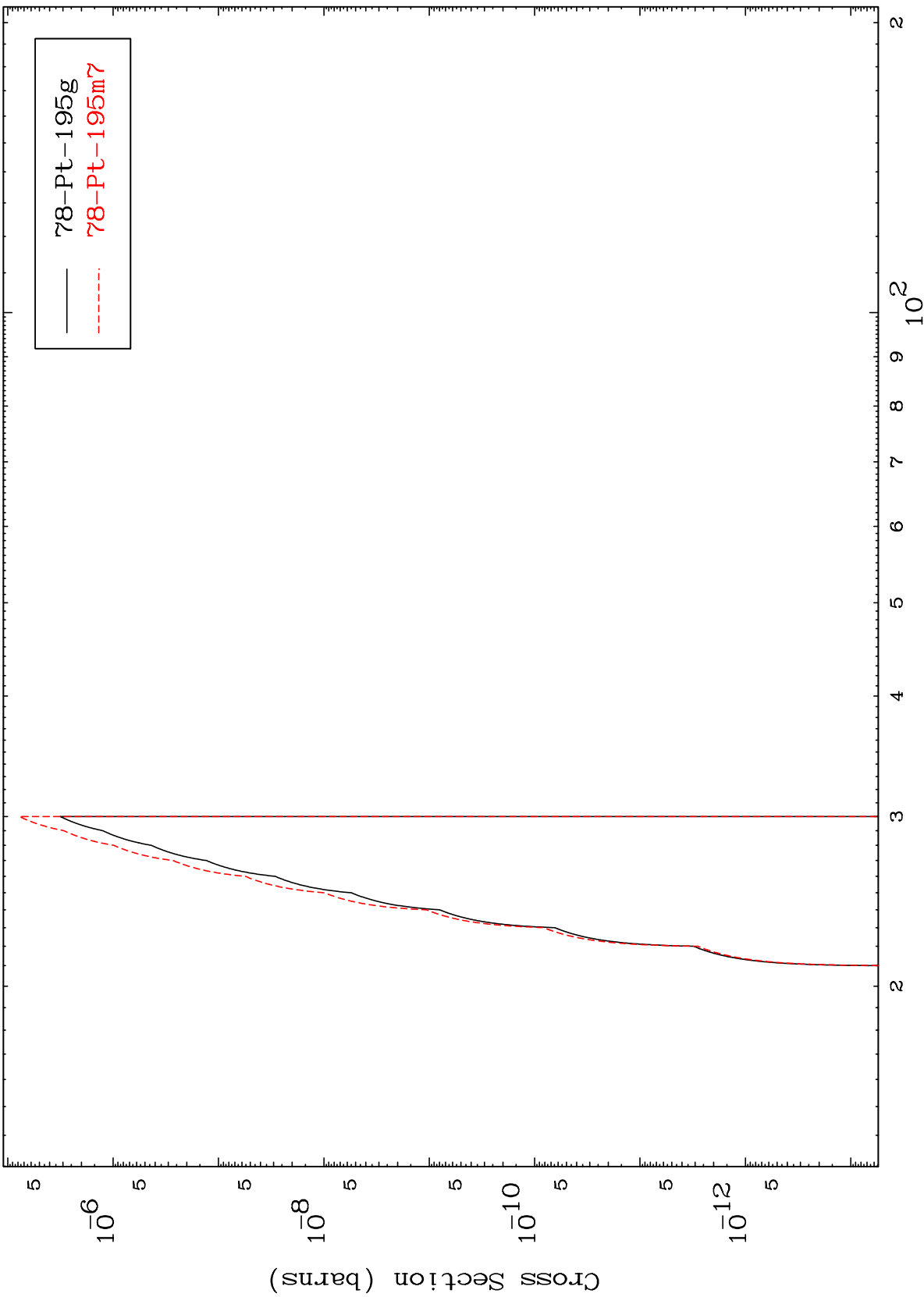


MAT 8040

(n,3n)  $\alpha$

80-Hg-201

Radionuclide Production Cross Section



143

Incident Energy (MeV)

80-Hg-201

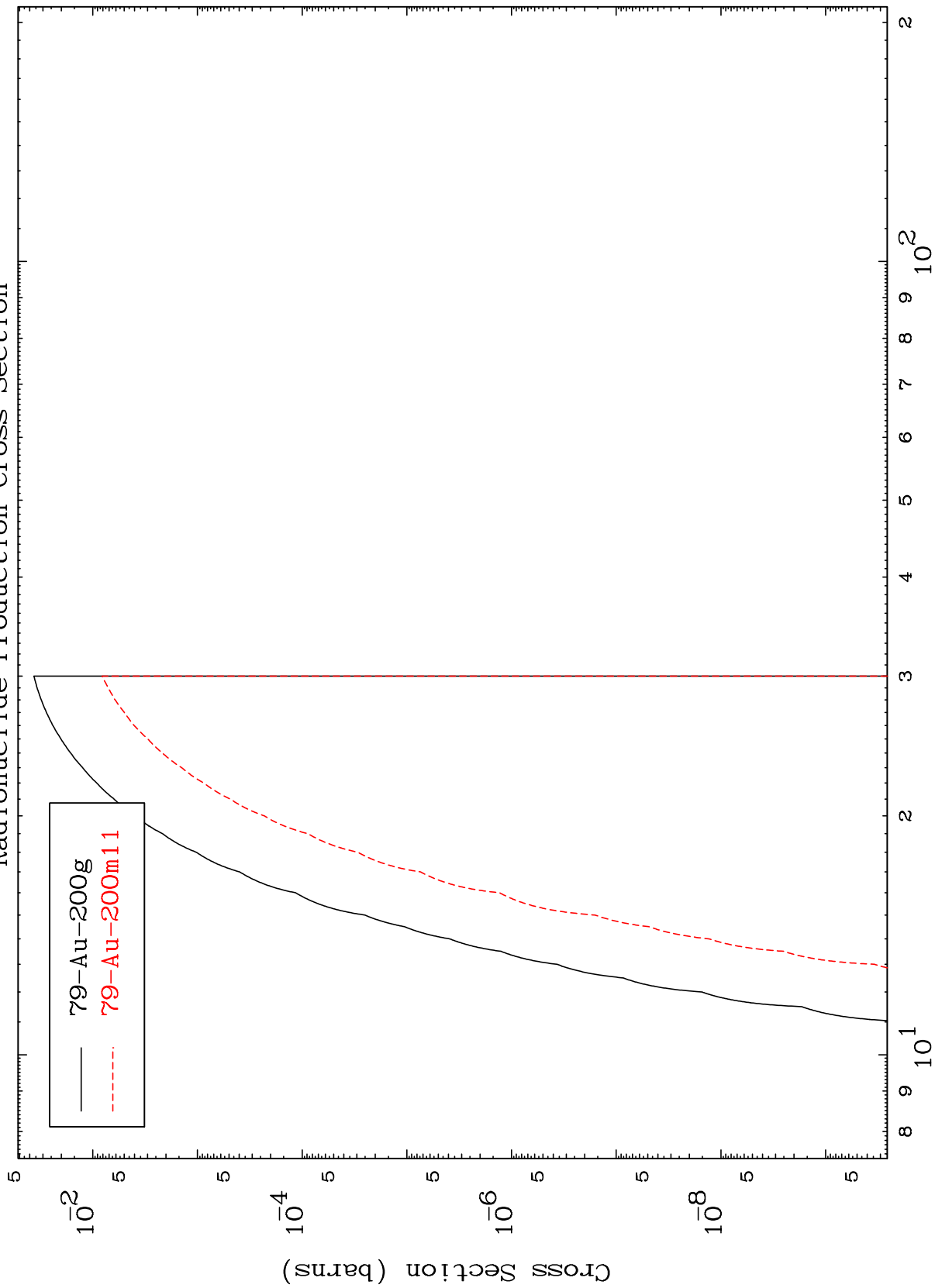


MAT 8040

(n,n') p

80-Hg-201

Radionuclide Production Cross Section

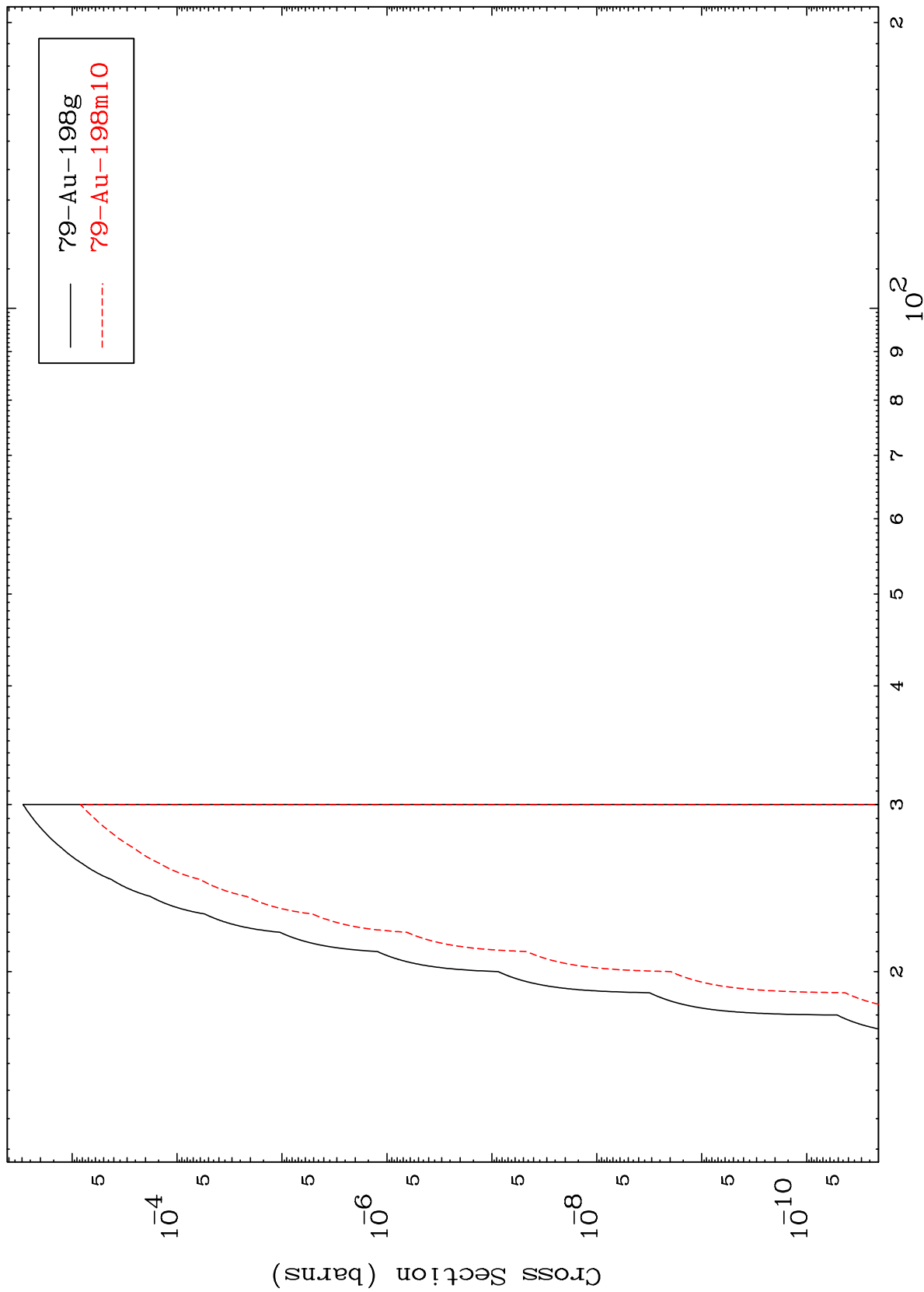


MAT 8040

(n,n') t

80-Hg-201

Radionuclide Production Cross Section



145

Incident Energy (MeV)

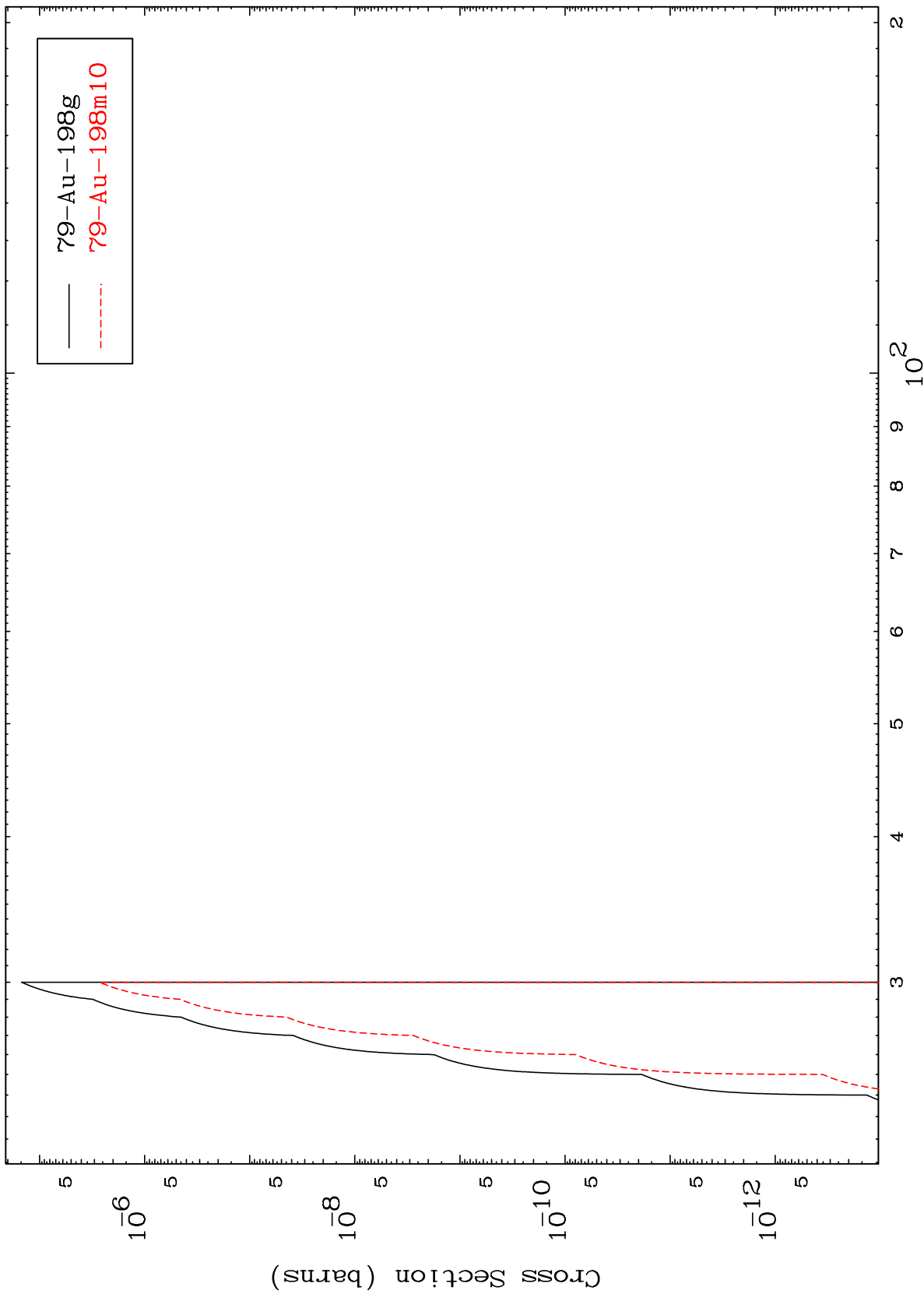
80-Hg-201

MAT 8040

(n,3n) p

80-Hg-201

Radionuclide Production Cross Section



146

Incident Energy (MeV)

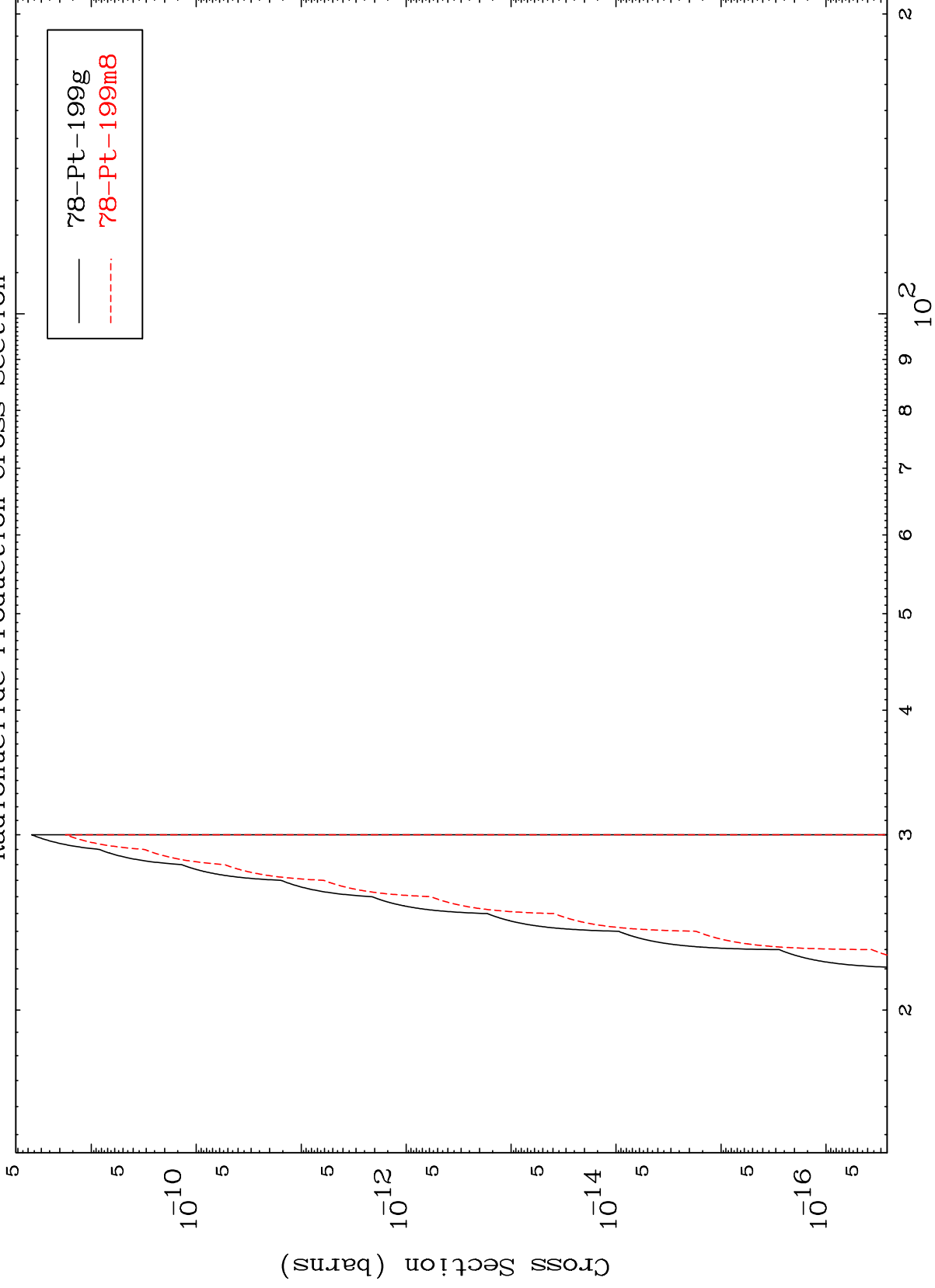
80-Hg-201

MAT 8040

(n,2n) p

80-Hg-201

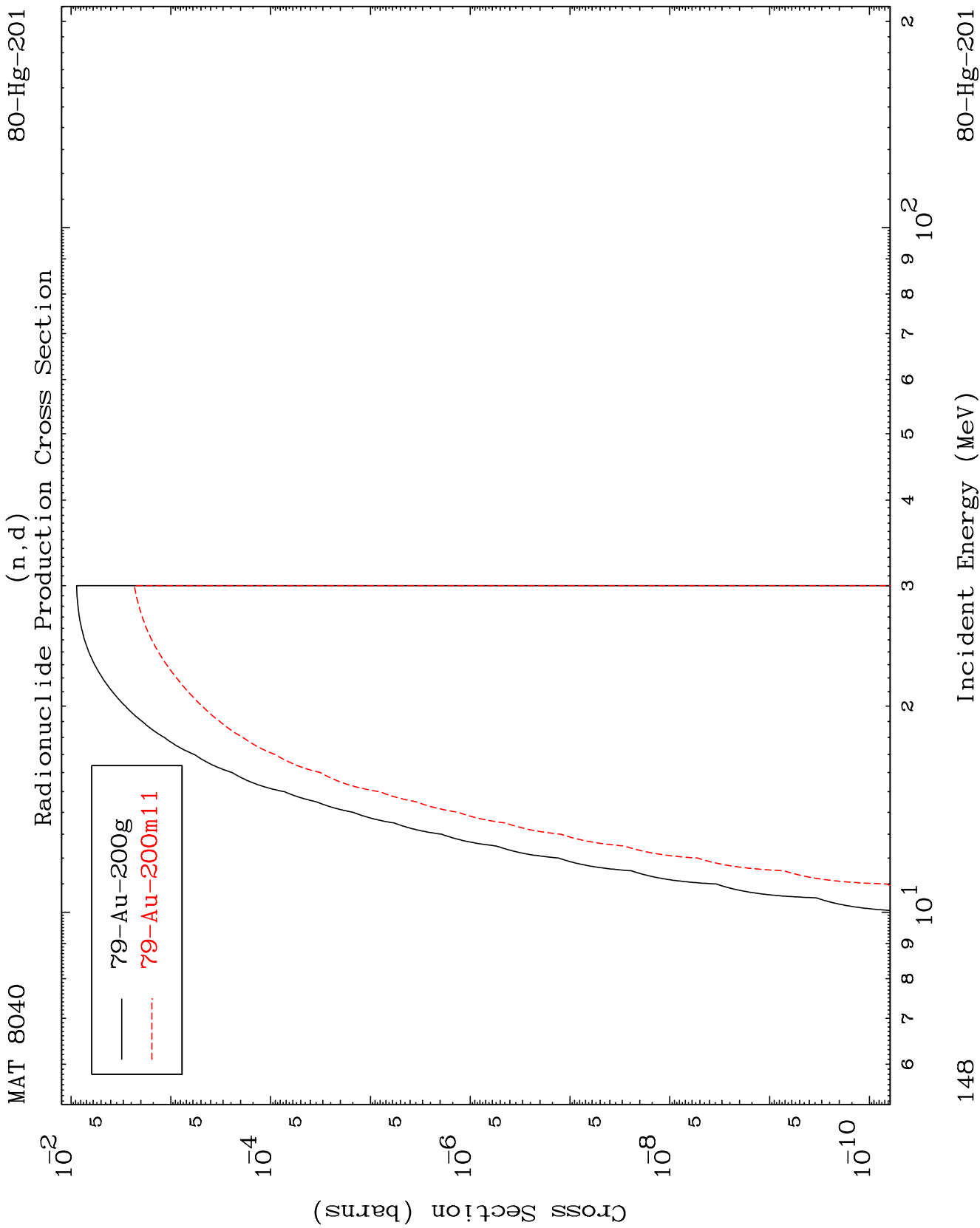
Radionuclide Production Cross Section



147

Incident Energy (MeV)

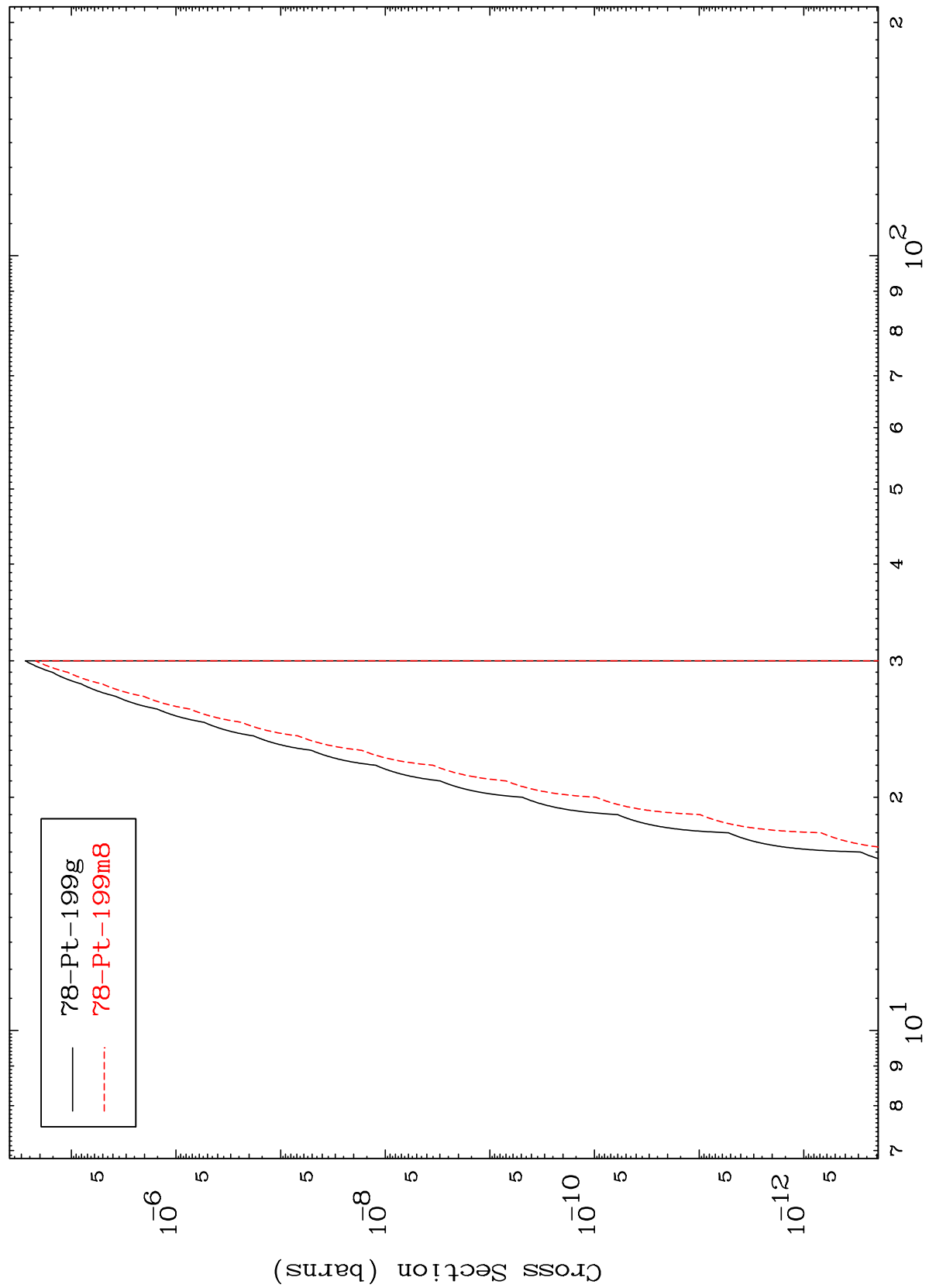
80-Hg-201



MAT 8040

80-Hg-201

(n,He-3)  
Radionuclide Production Cross Section



149

Incident Energy (MeV)

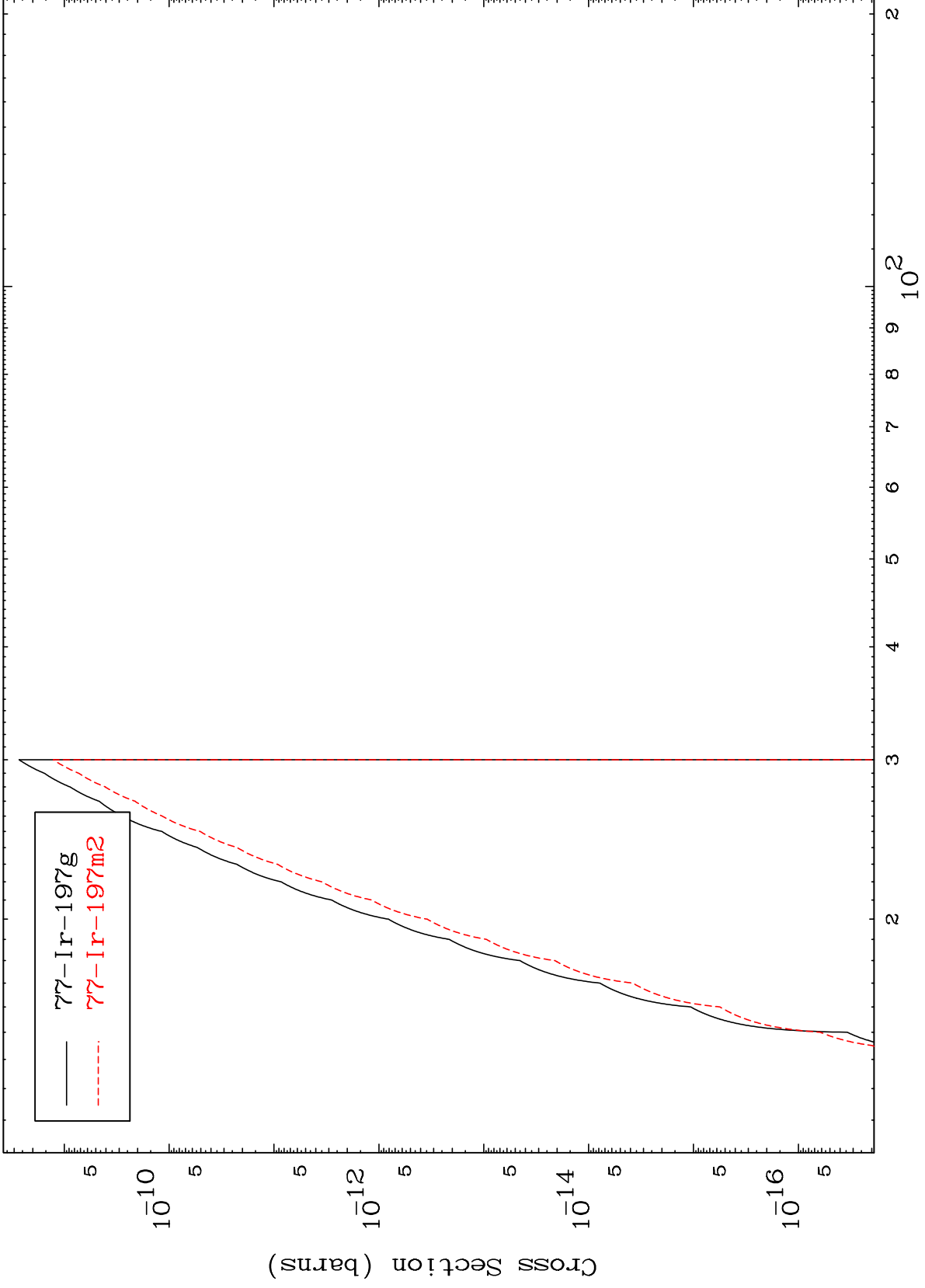
80-Hg-201

MAT 8040

(n,p)  $\alpha$

80-Hg-201

Radionuclide Production Cross Section



150

Incident Energy (MeV)

80-Hg-201