

Program EVALPLOT  
(Version 2015-2)

by

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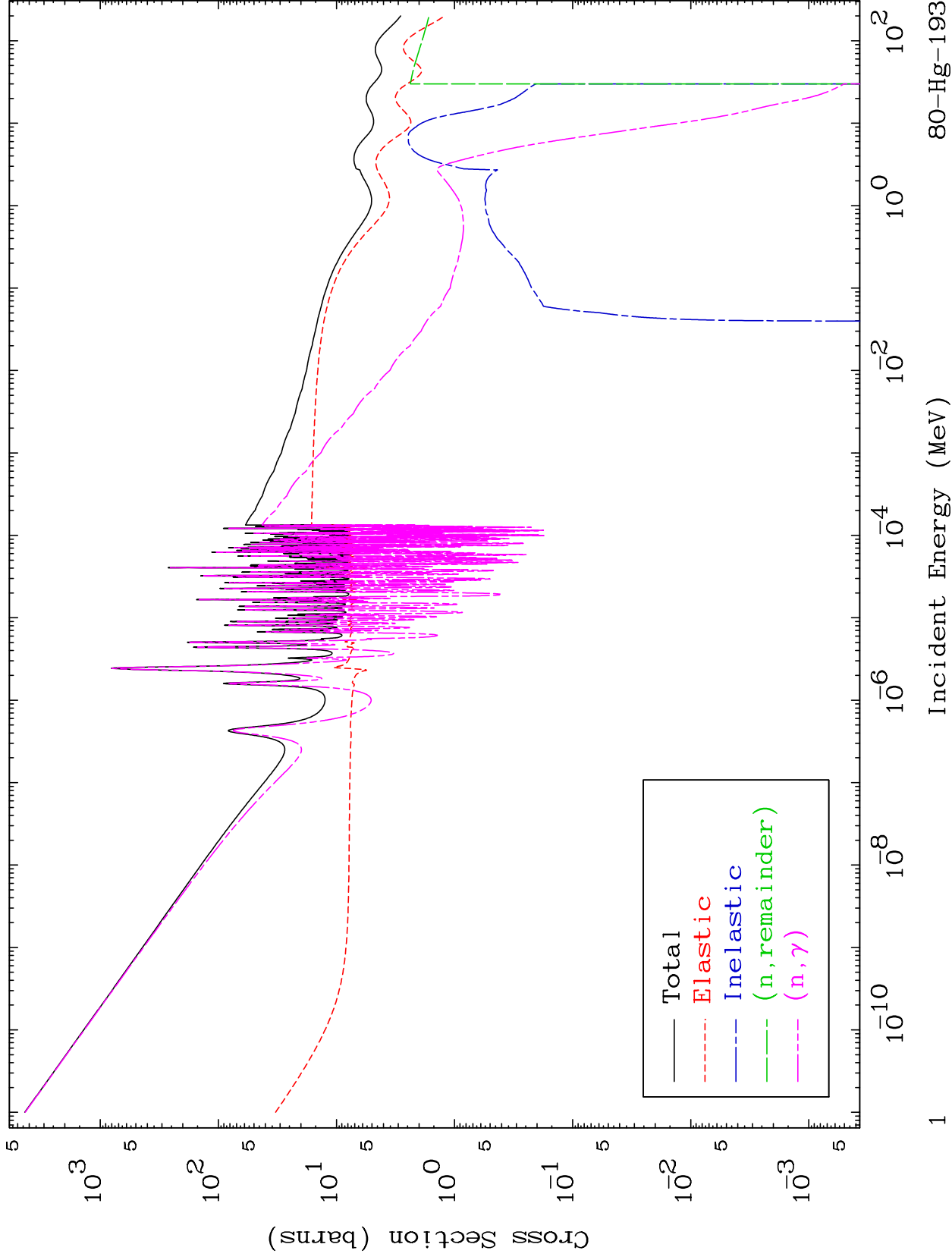
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8016

Major  
293 Kelvin Cross Sections

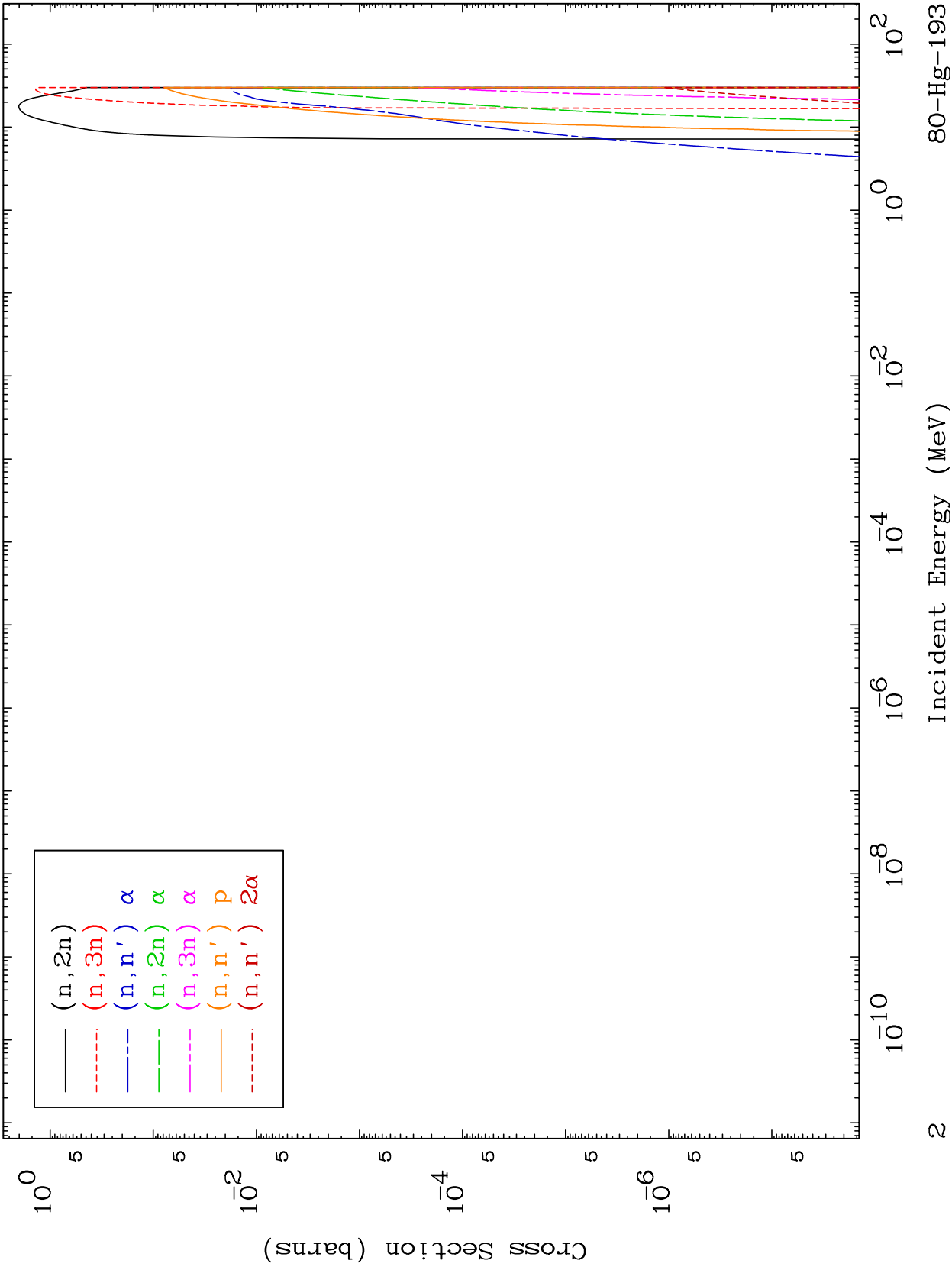
80-Hg-193



MAT 8016

Neutron Production  
293 Kelvin Cross Sections

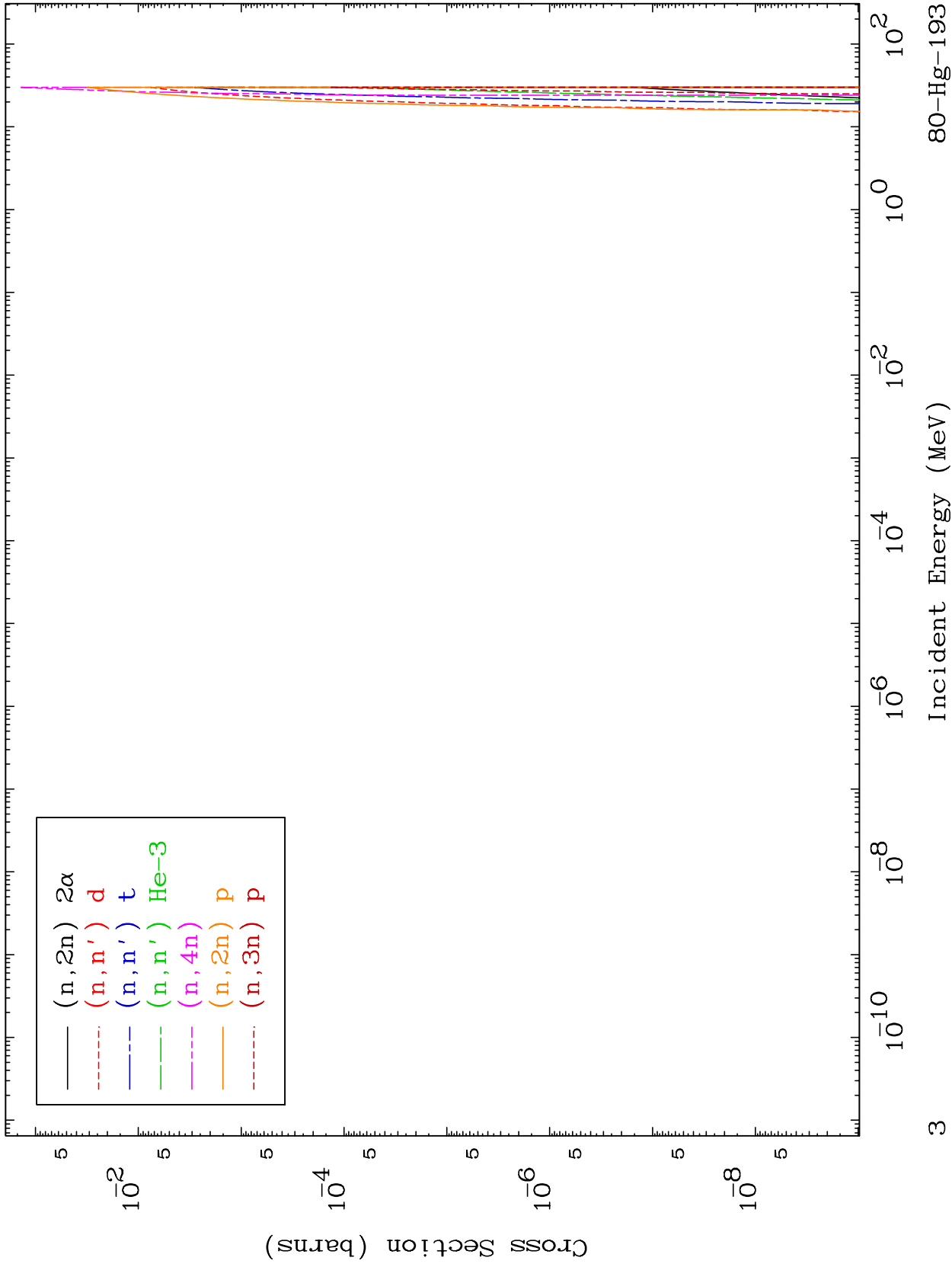
80-Hg-193



MAT 8016

Neutron Production  
293 Kelvin Cross Sections

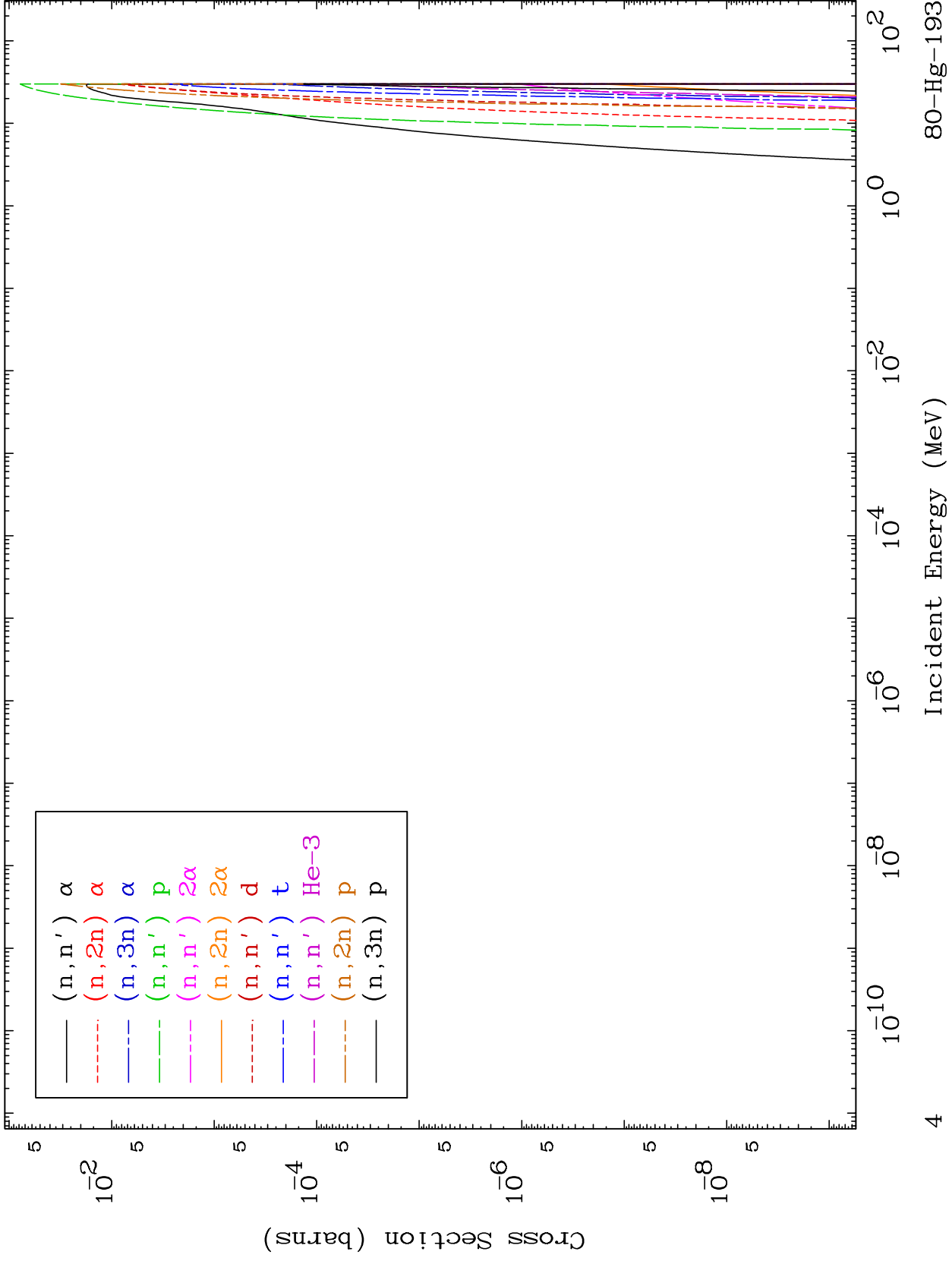
80-Hg-193



MAT 8016

Charged Particle  
293 Kelvin Cross Sections

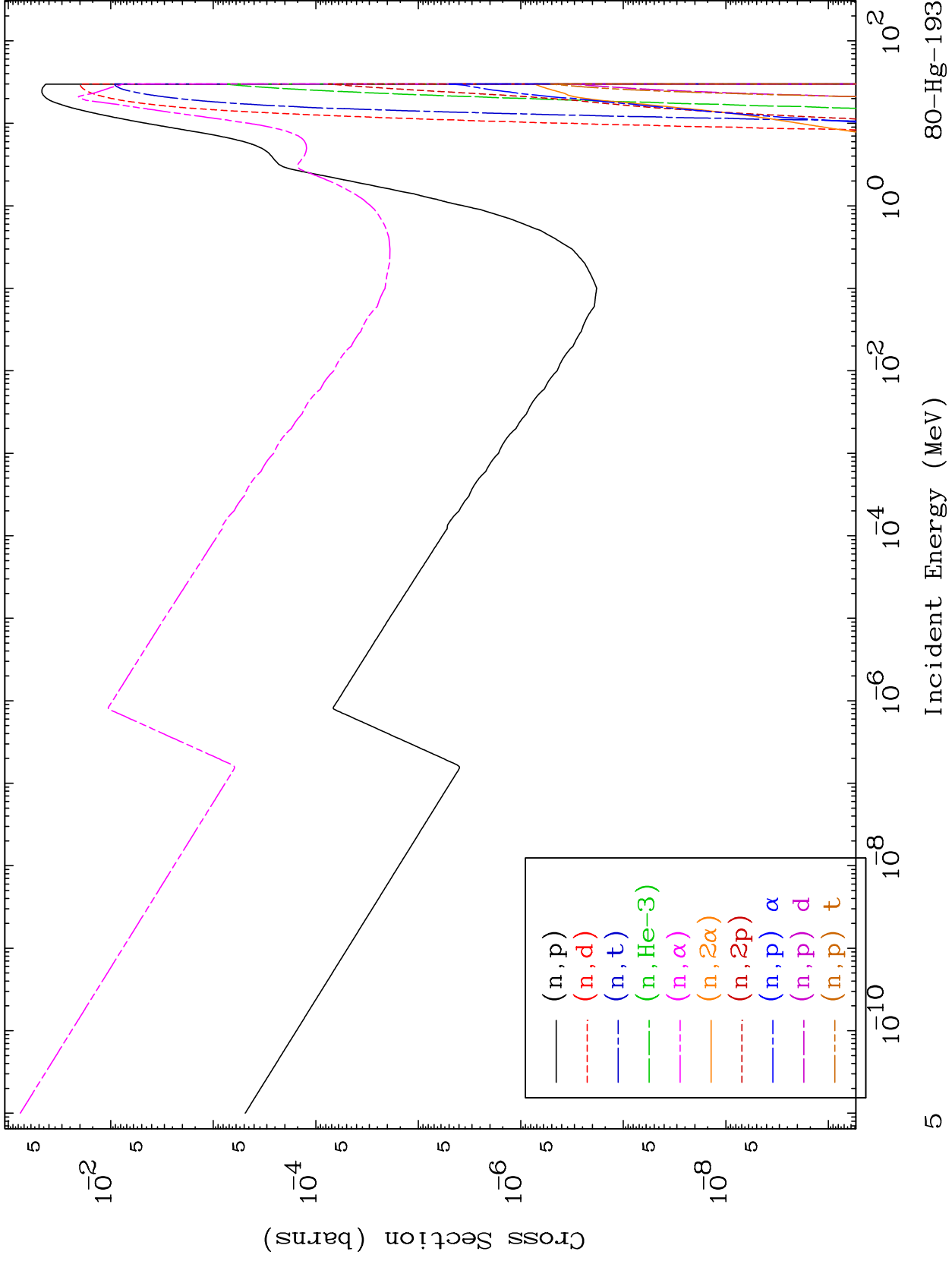
80-Hg-193

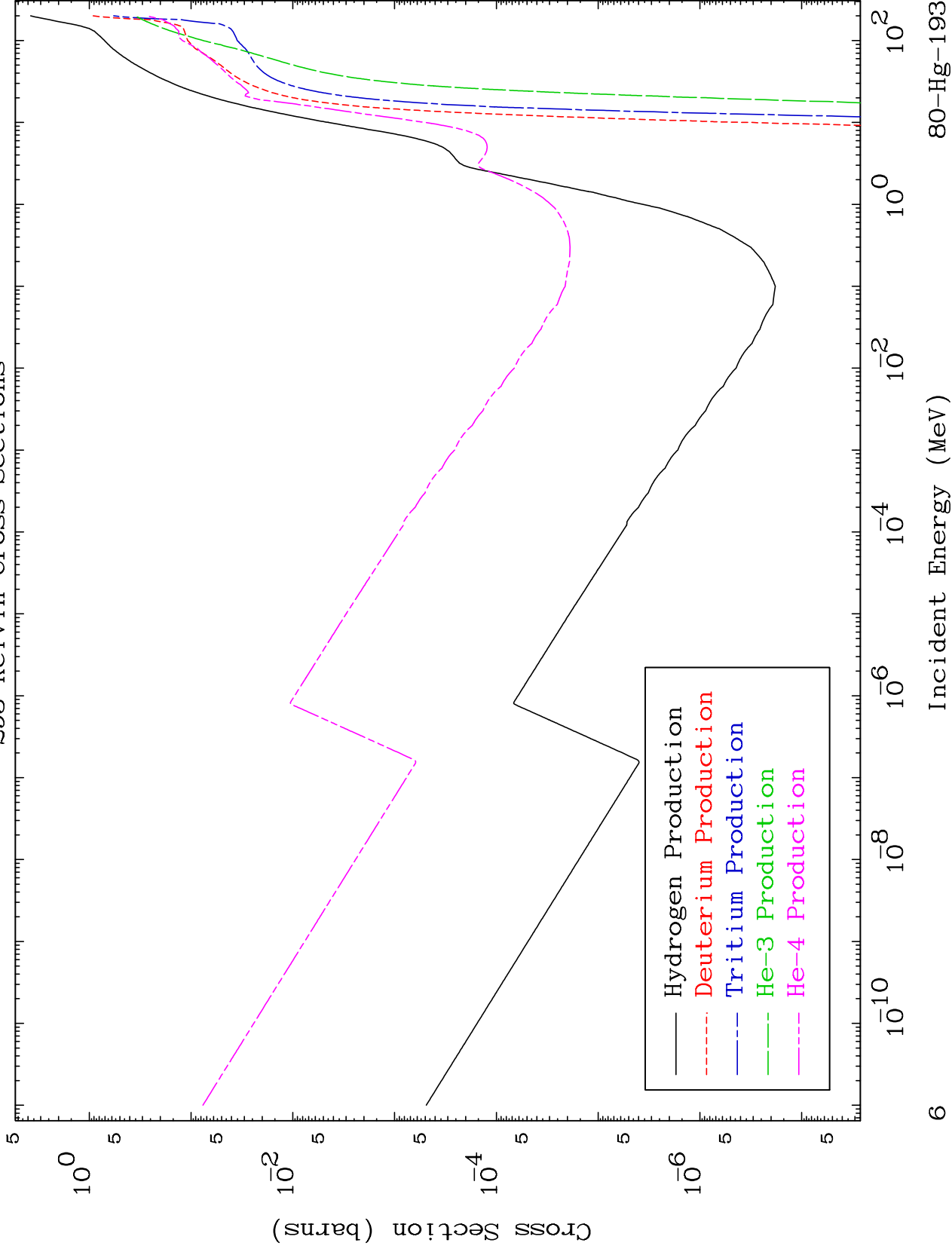


MAT 8016

Charged Particle  
293 Kelvin Cross Sections

80-Hg-193

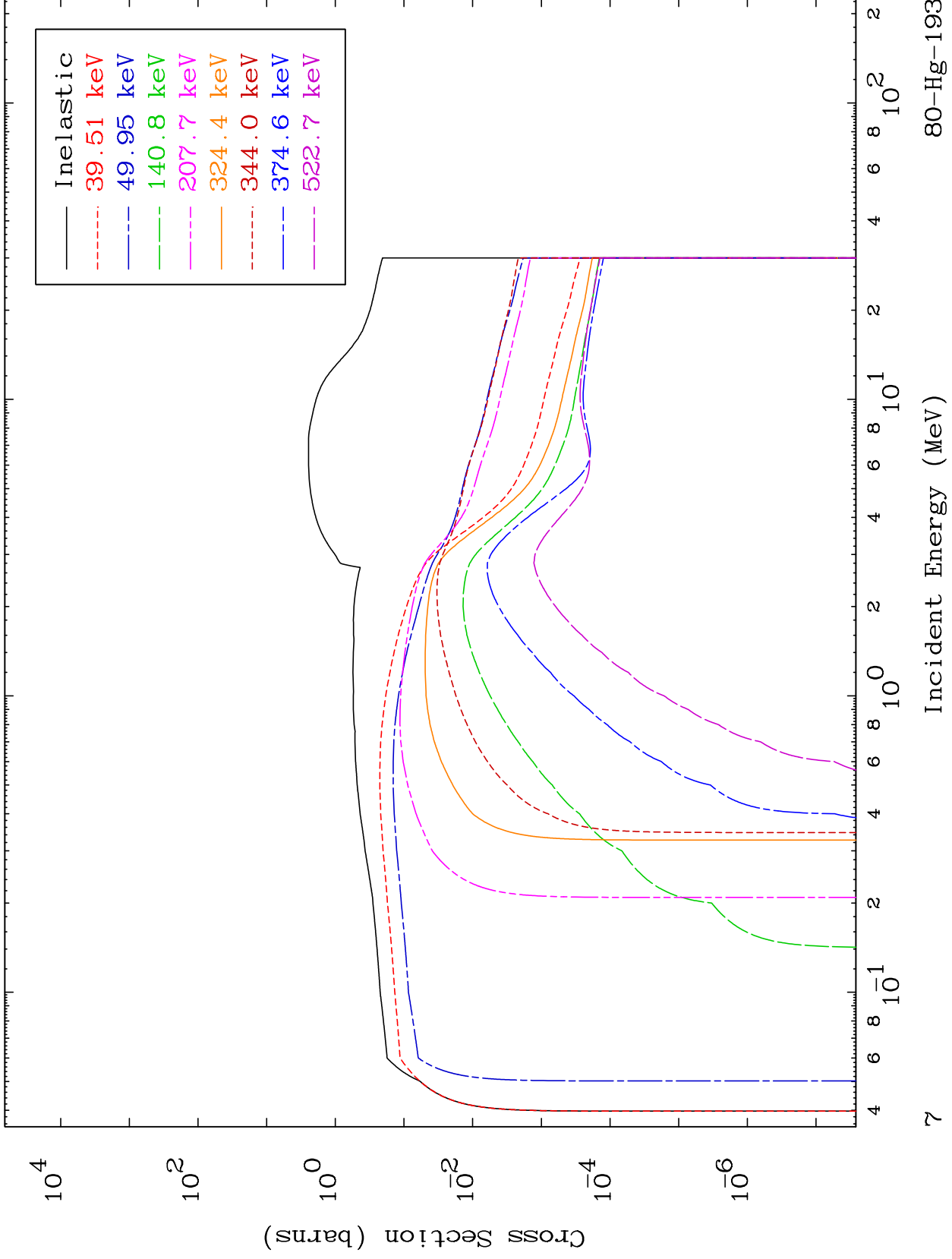




MAT 8016

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-193

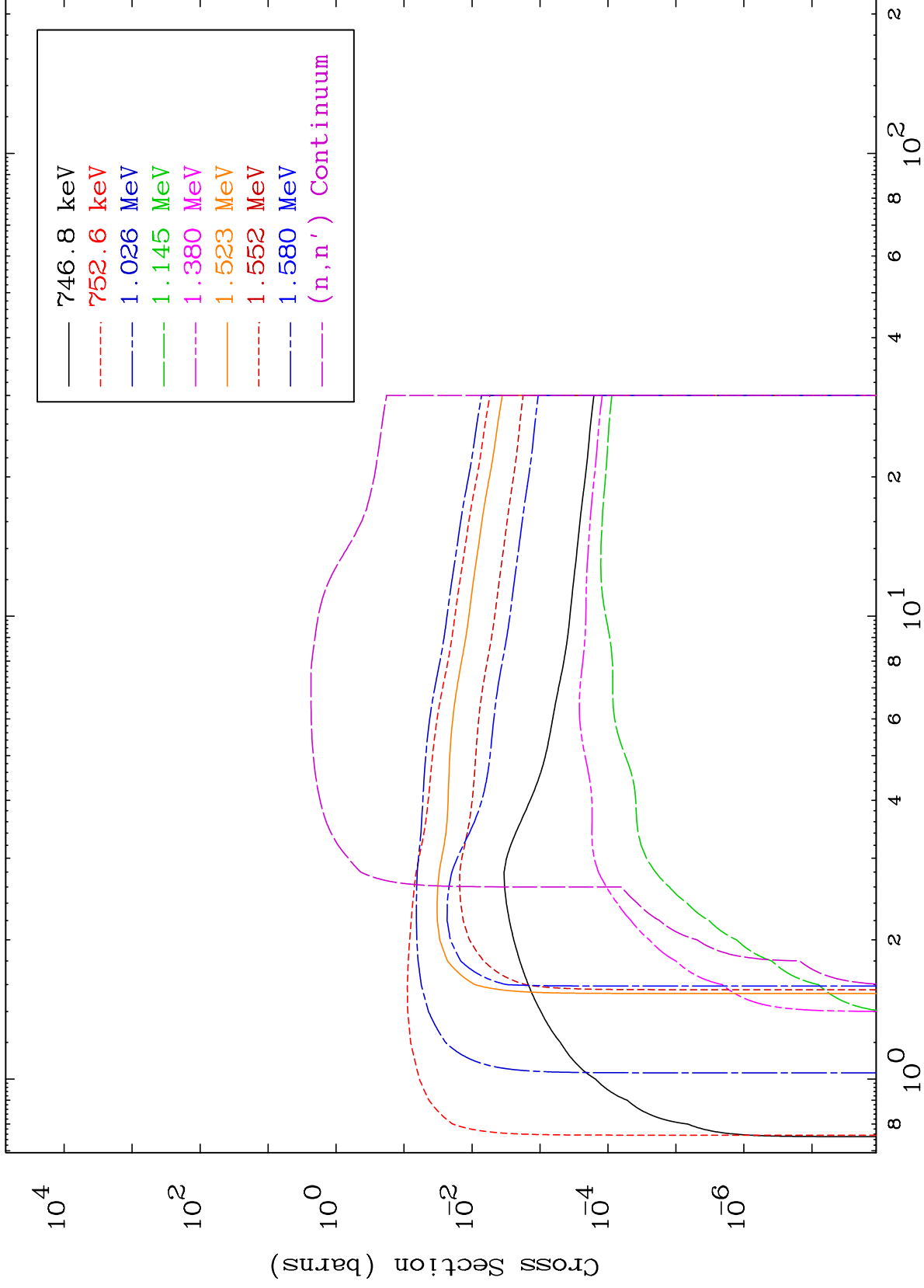




MAT 8016

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-193



8

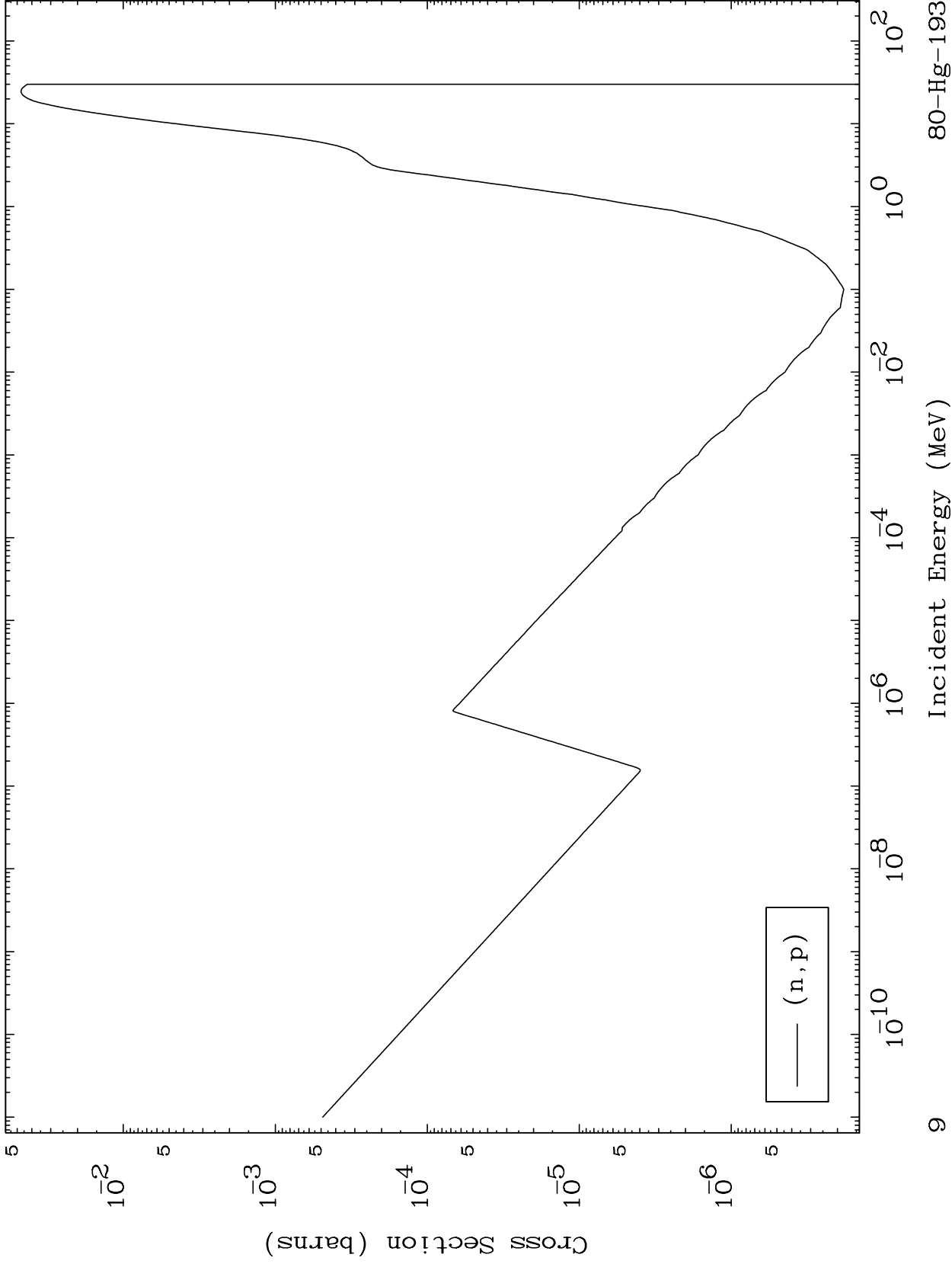
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,p) Levels  
293 Kelvin Cross Sections

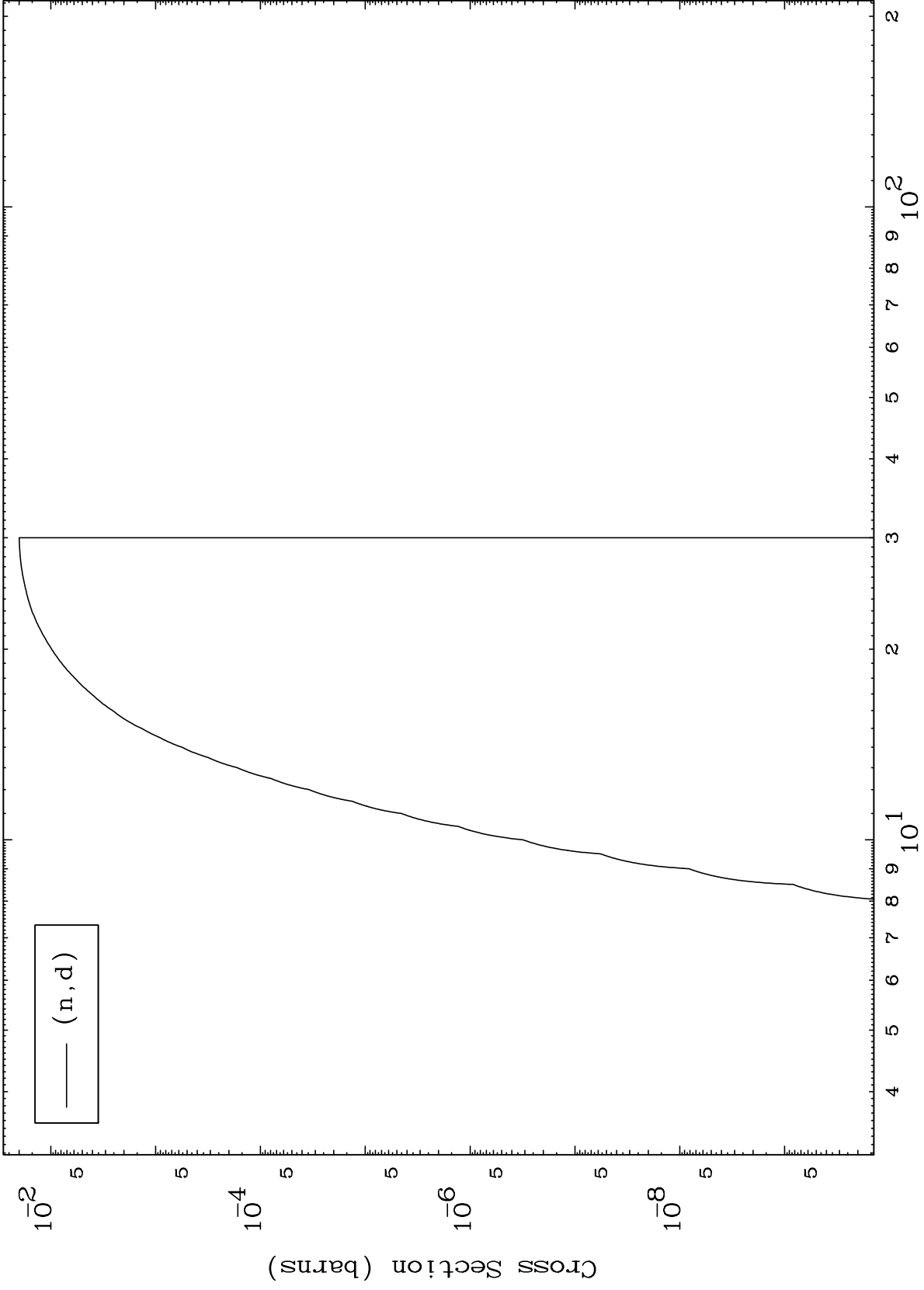
80-Hg-193



MAT 8016

(n,d) Levels  
293 Kelvin Cross Sections

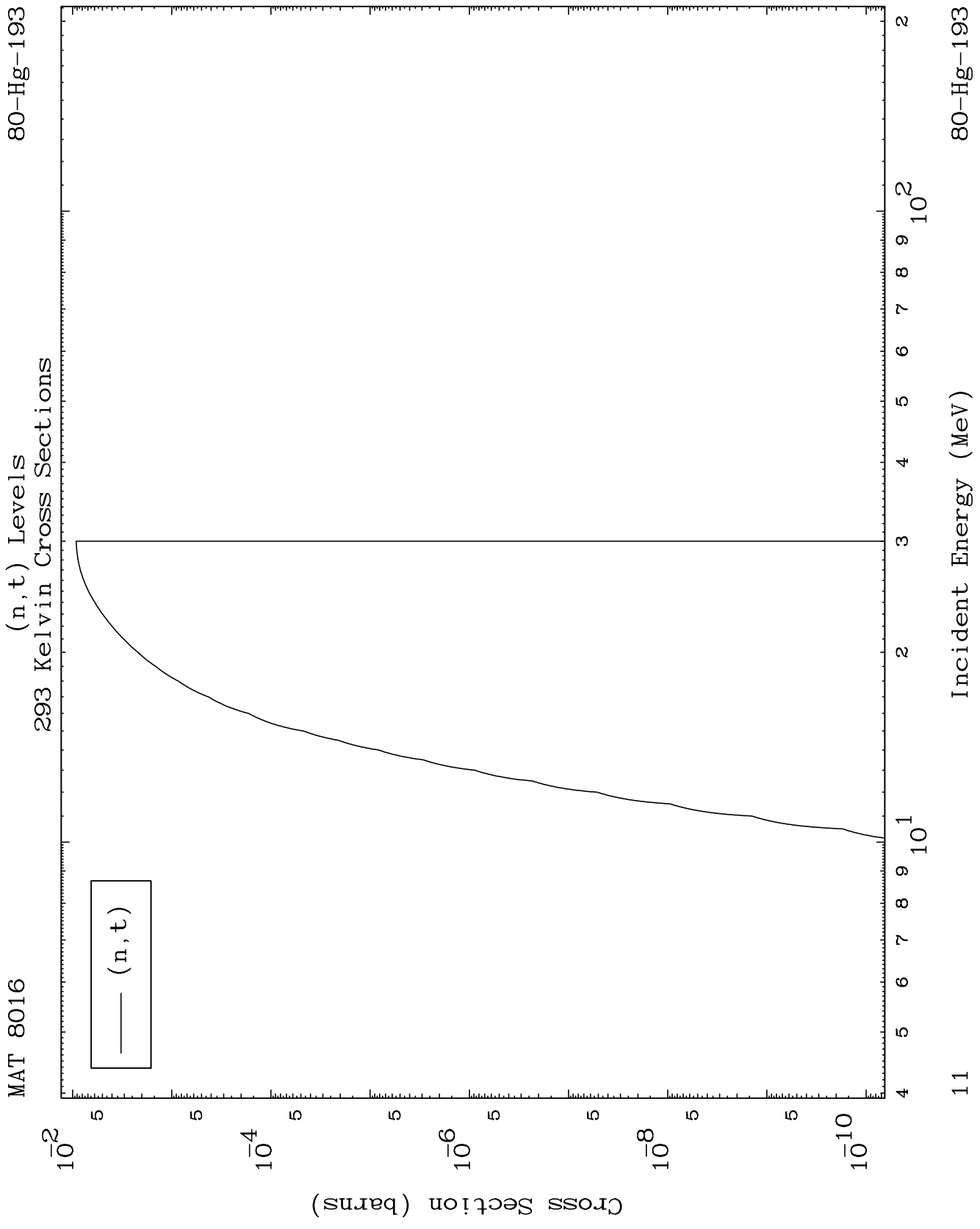
80-Hg-193



10

Incident Energy (MeV)

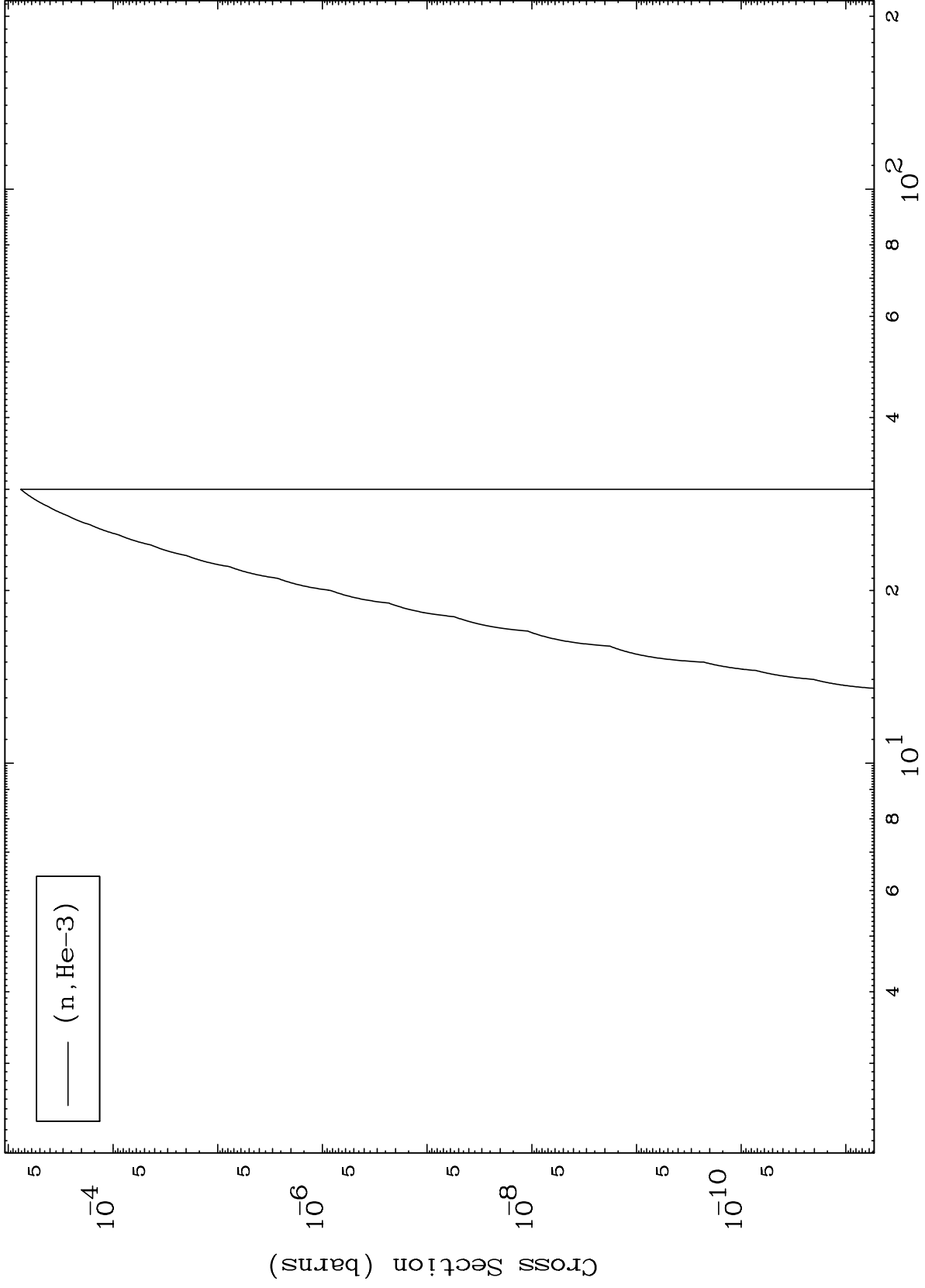
80-Hg-193



MAT 8016

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-193



12

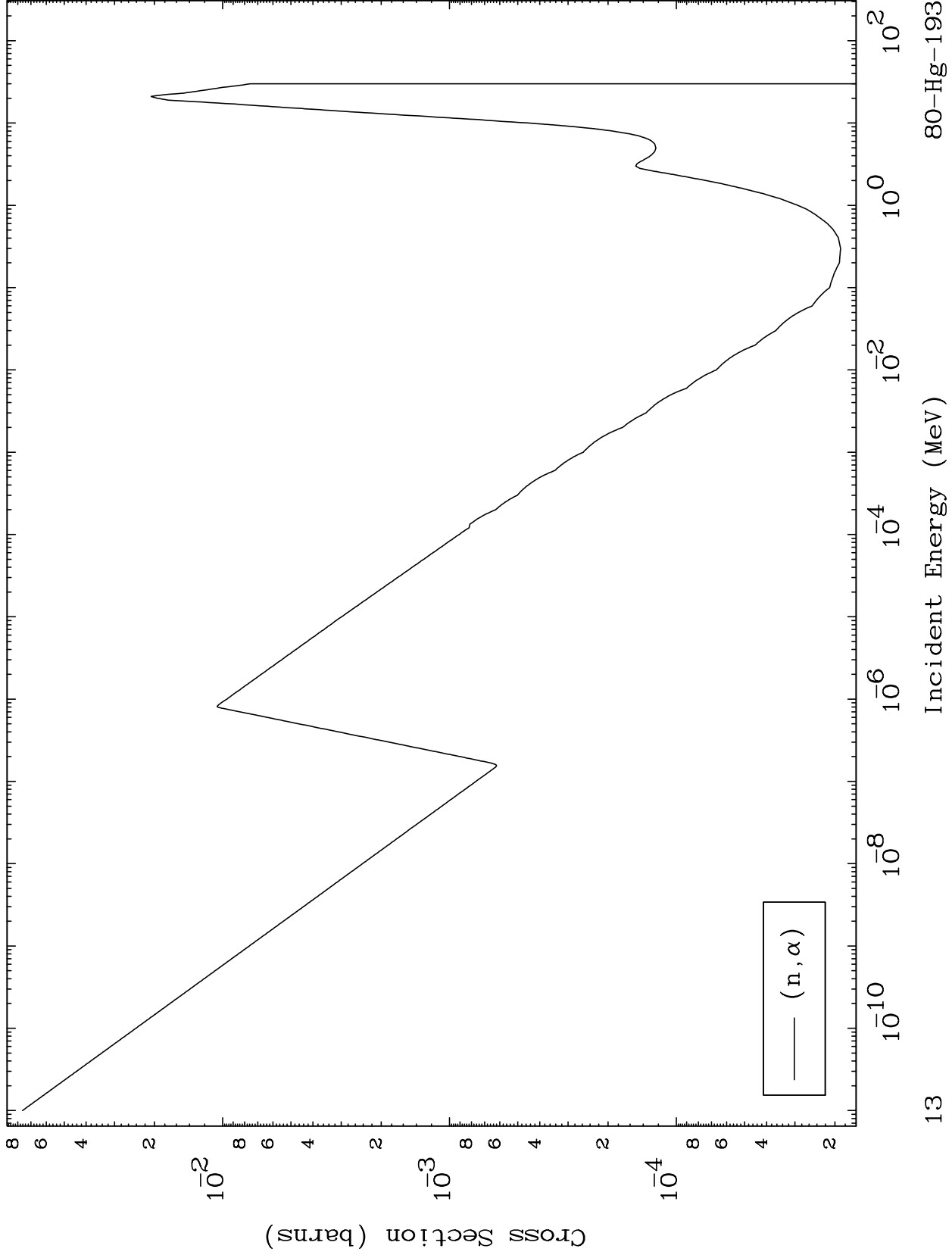
Incident Energy (MeV)

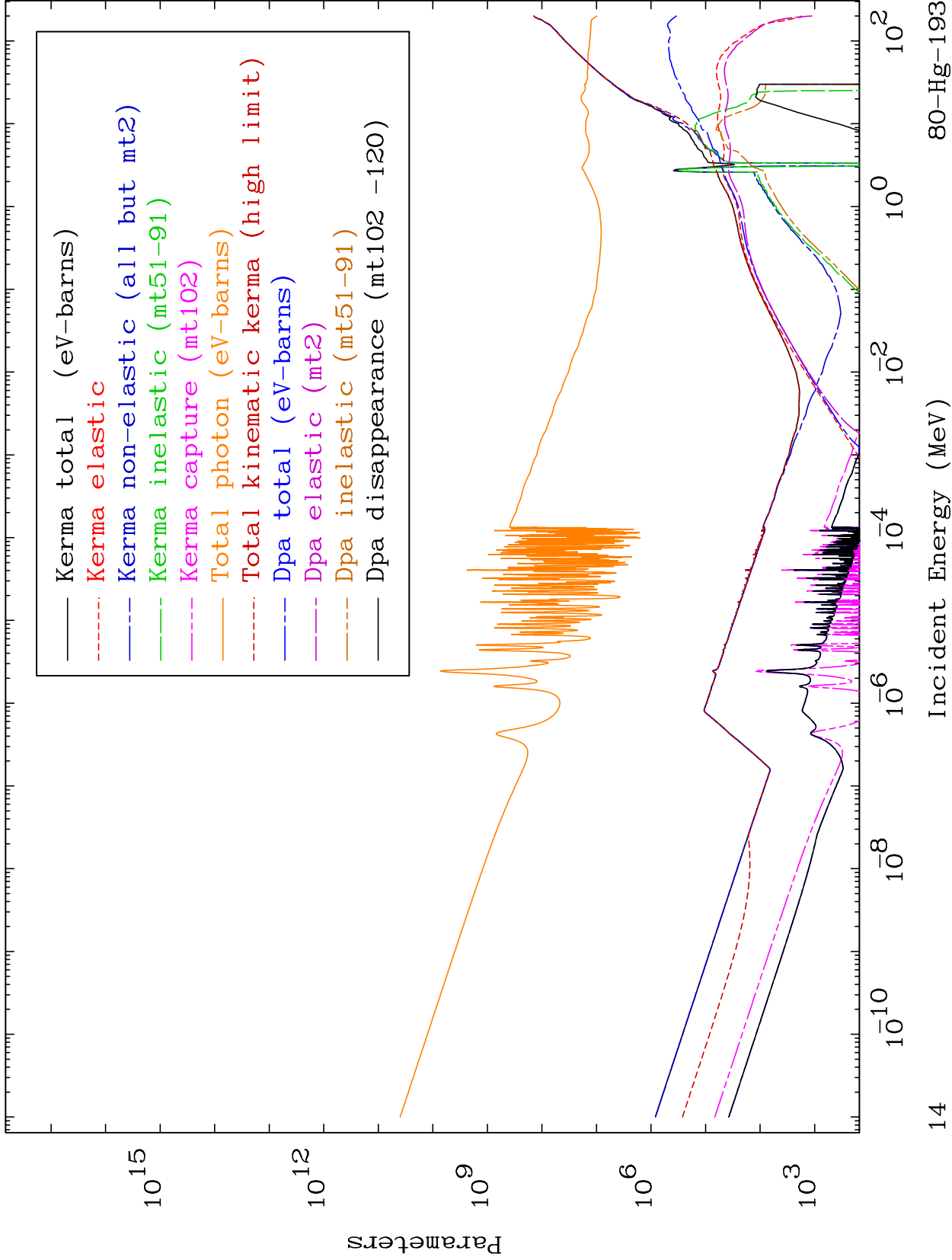
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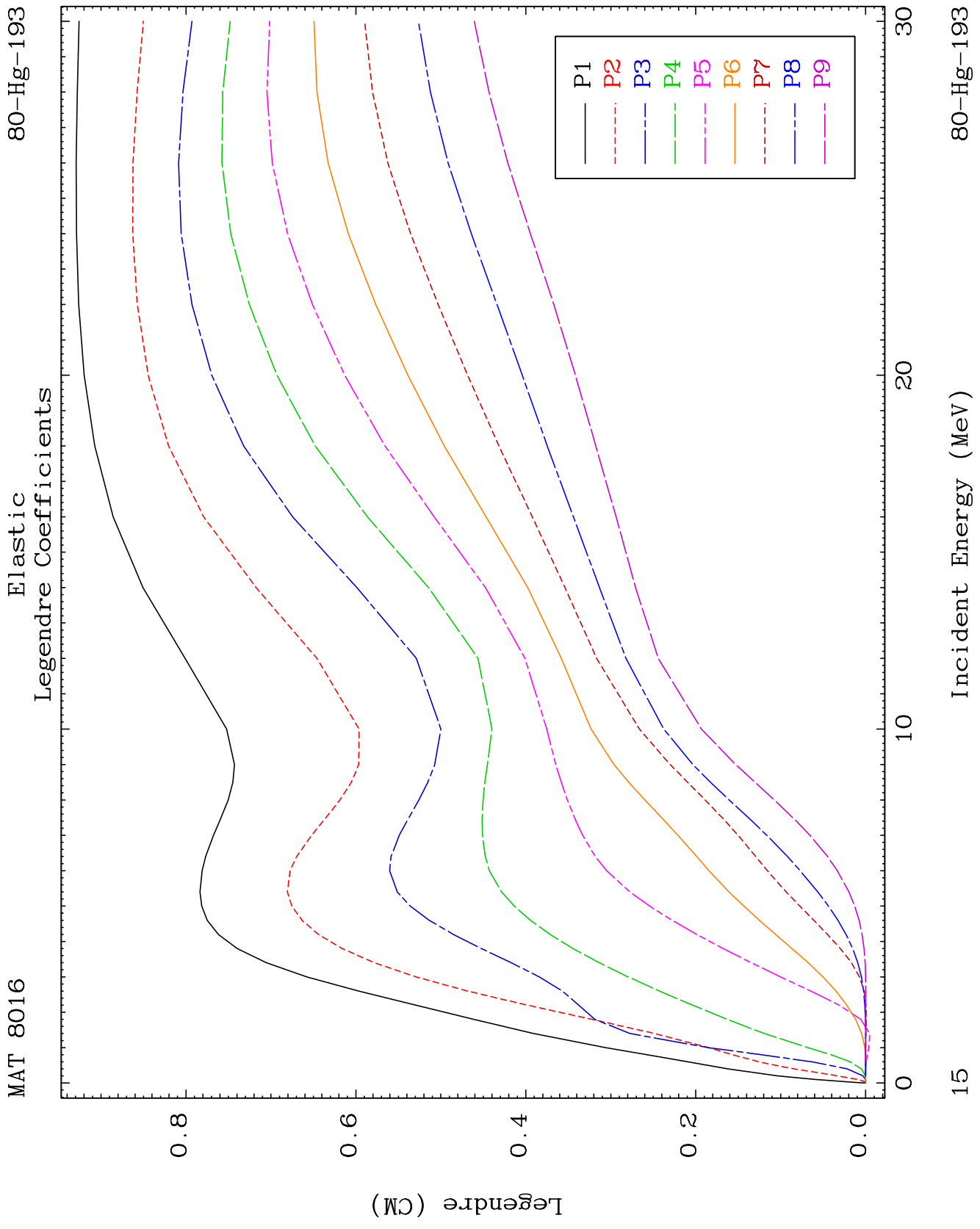
MAT 8016

(n,α) Levels  
293 Kelvin Cross Sections

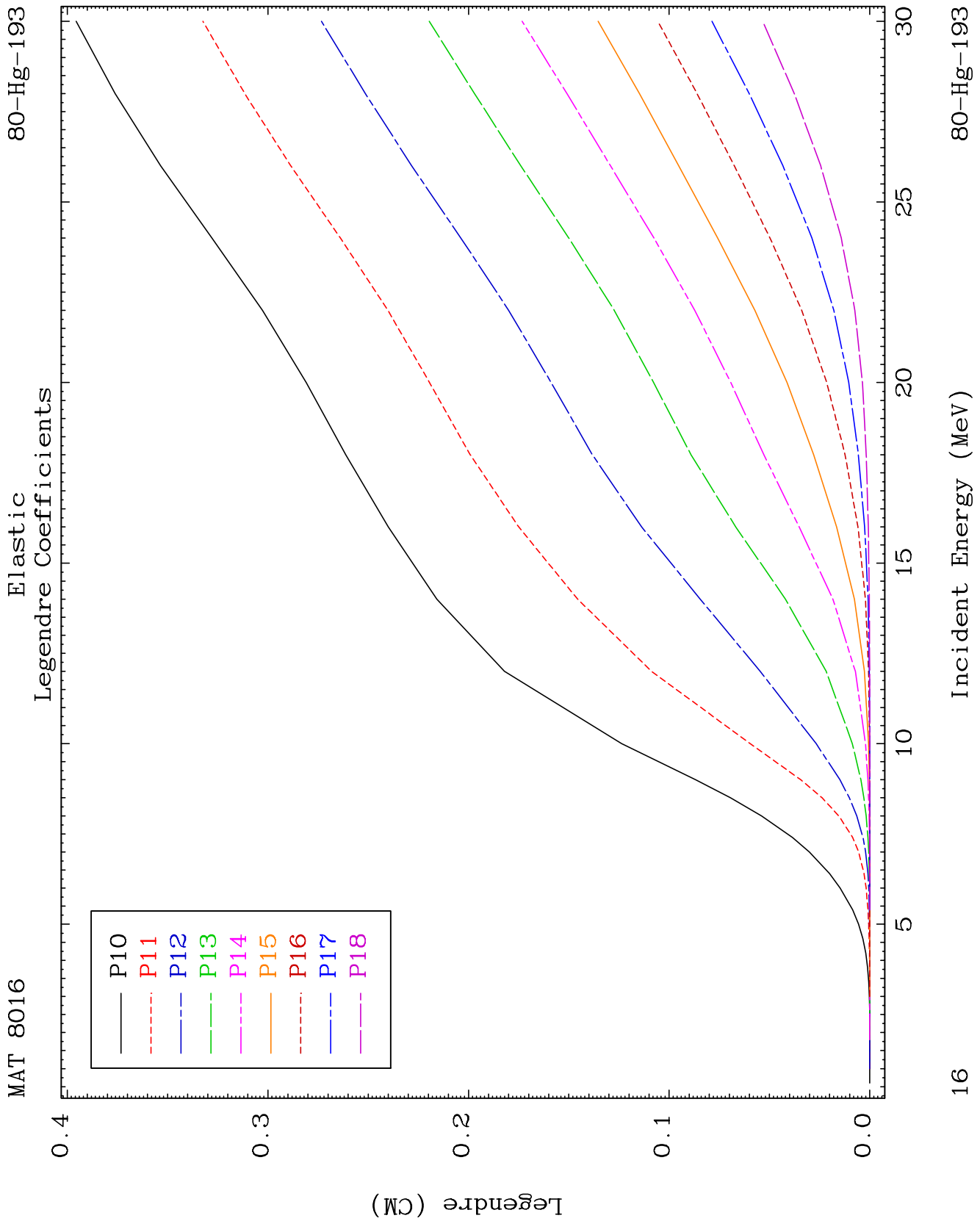
80-Hg-193







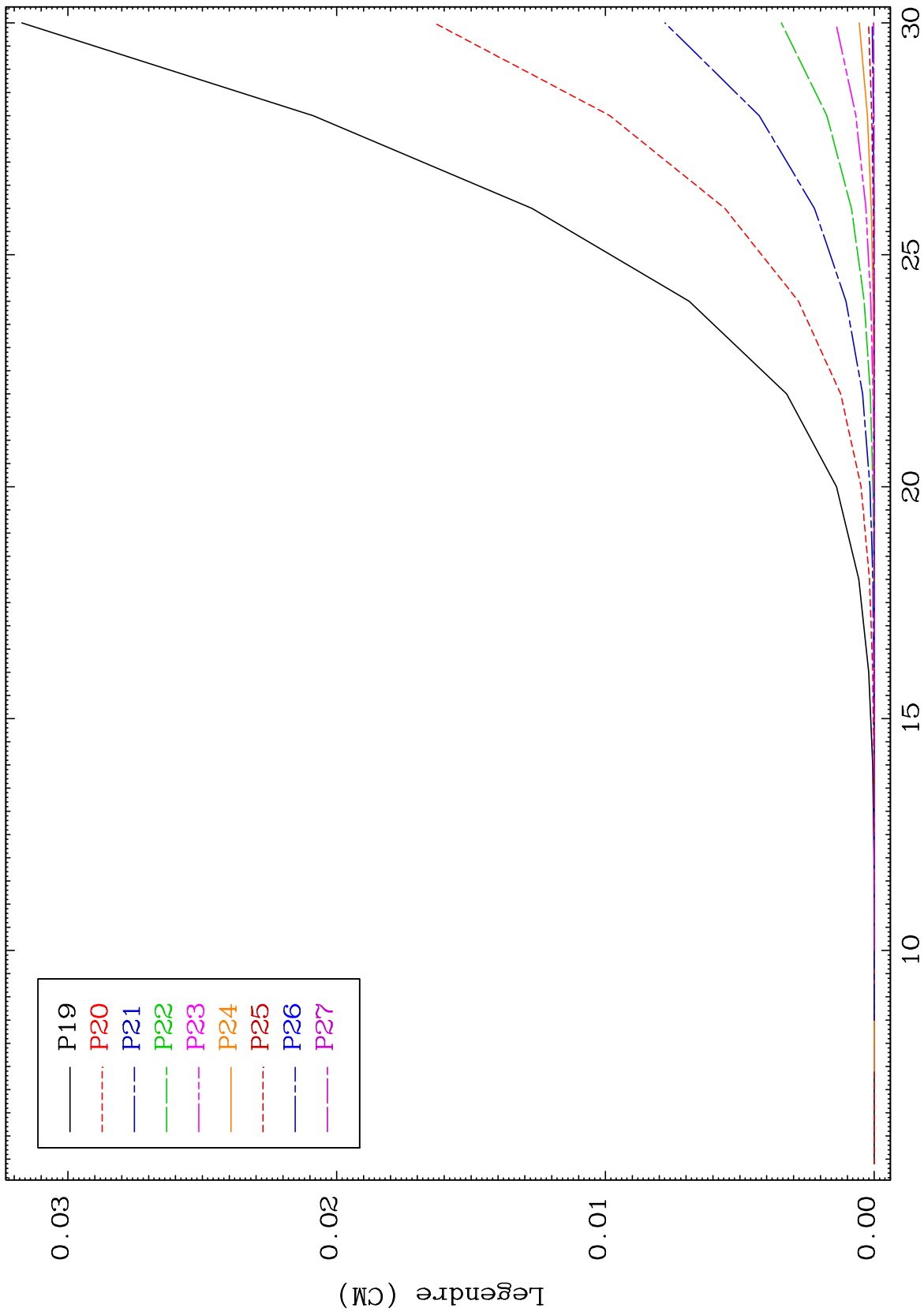




MAT 8016

Elastic  
Legendre Coefficients

80-Hg-193



17

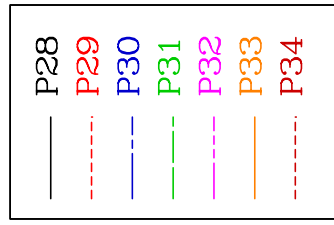
Incident Energy (MeV)

80-Hg-193

MAT 8016

Elastic Legendre Coefficients

80-Hg-193



$\times 10^{-6}$

Legendre (CM)

10

15

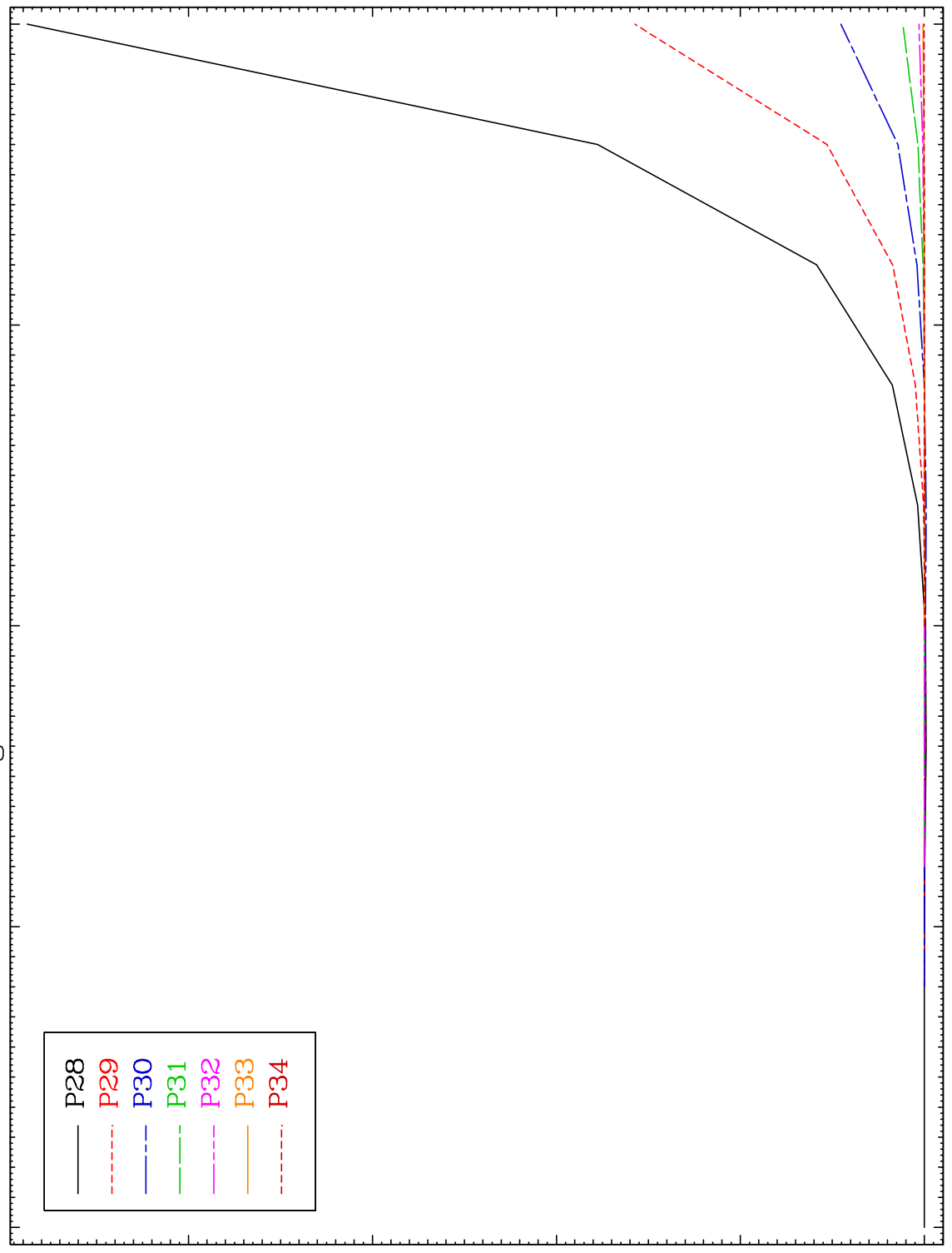
20

25

30

Incident Energy (MeV)

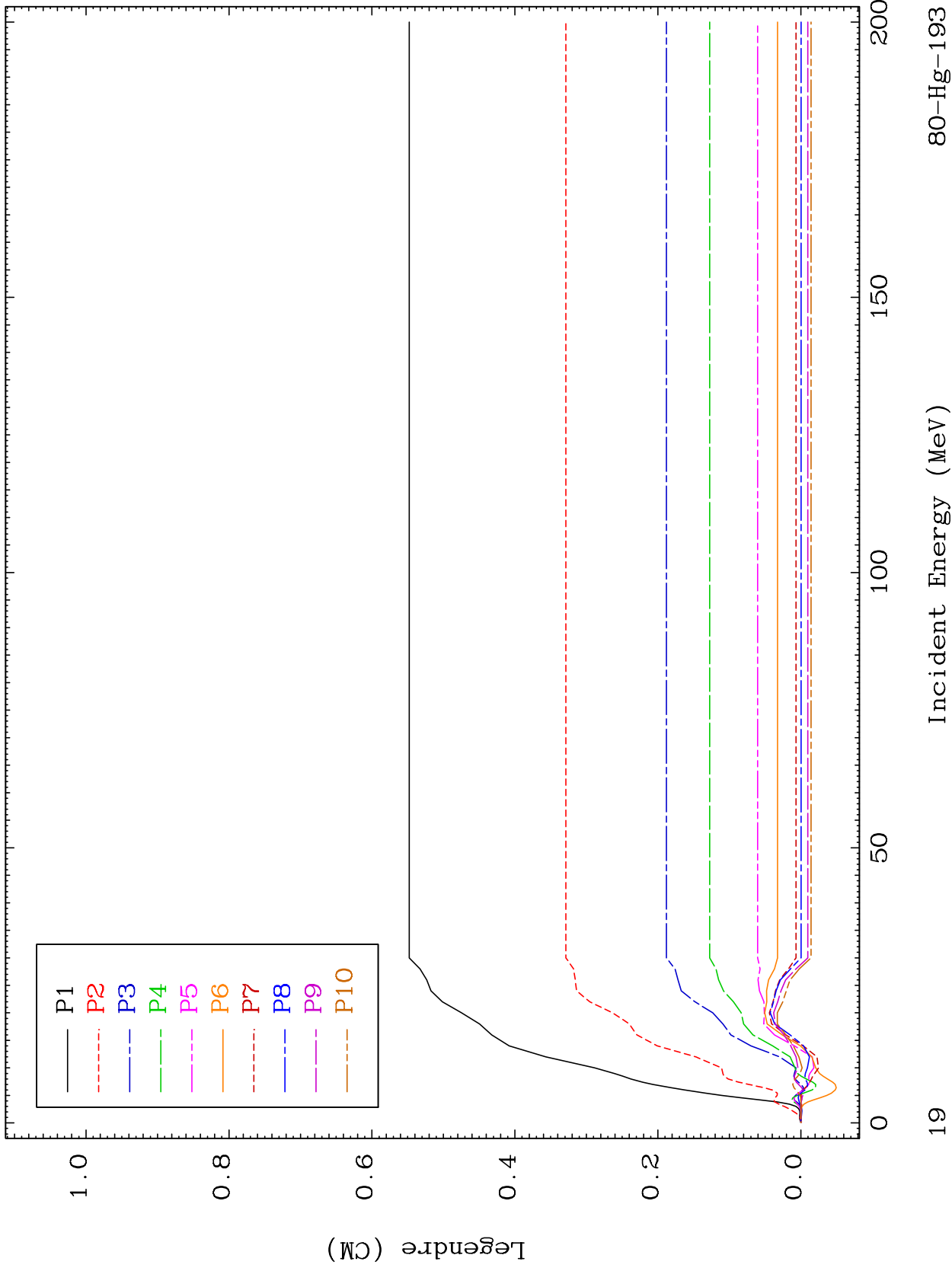
80-Hg-193



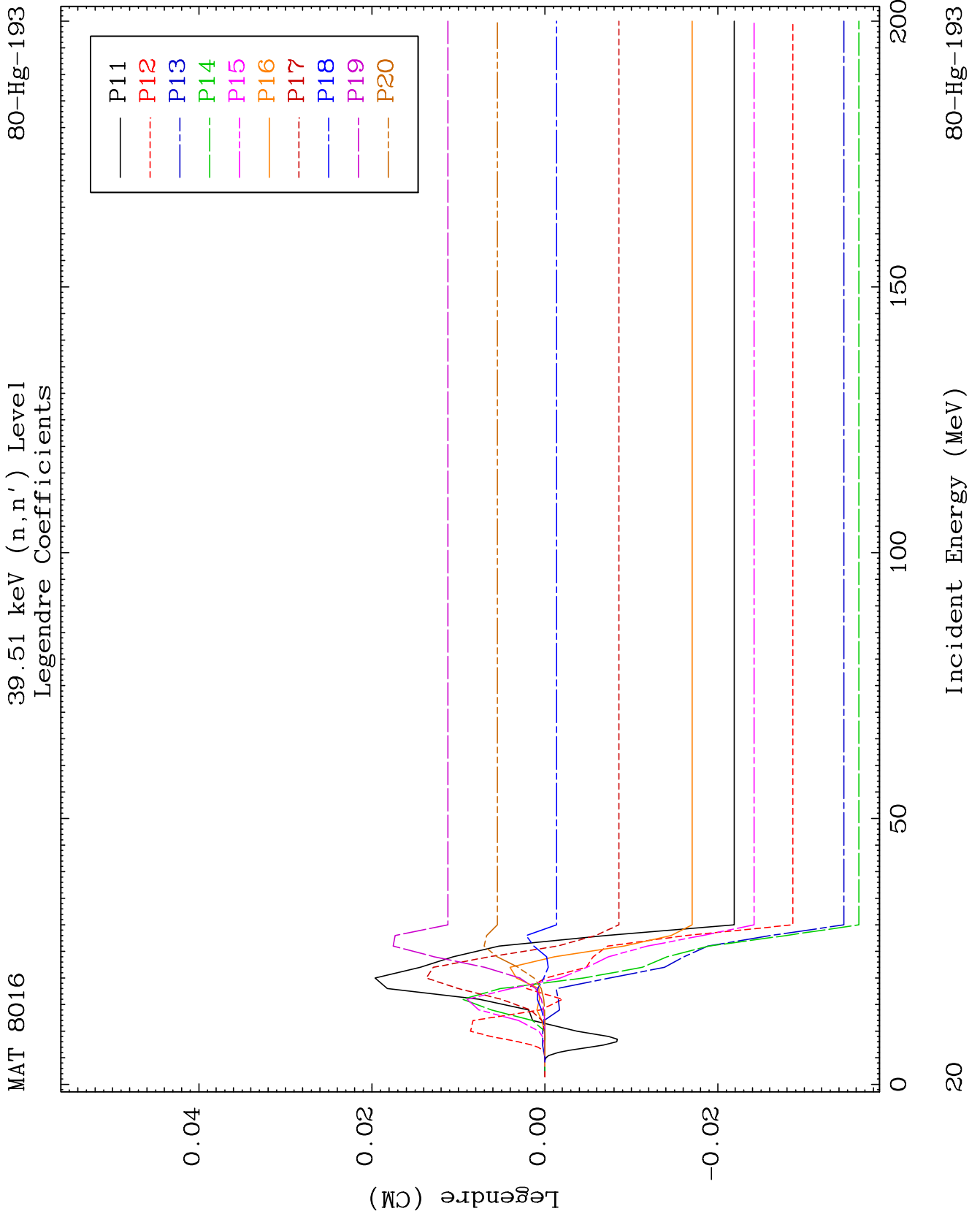
MAT 8016

39.51 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



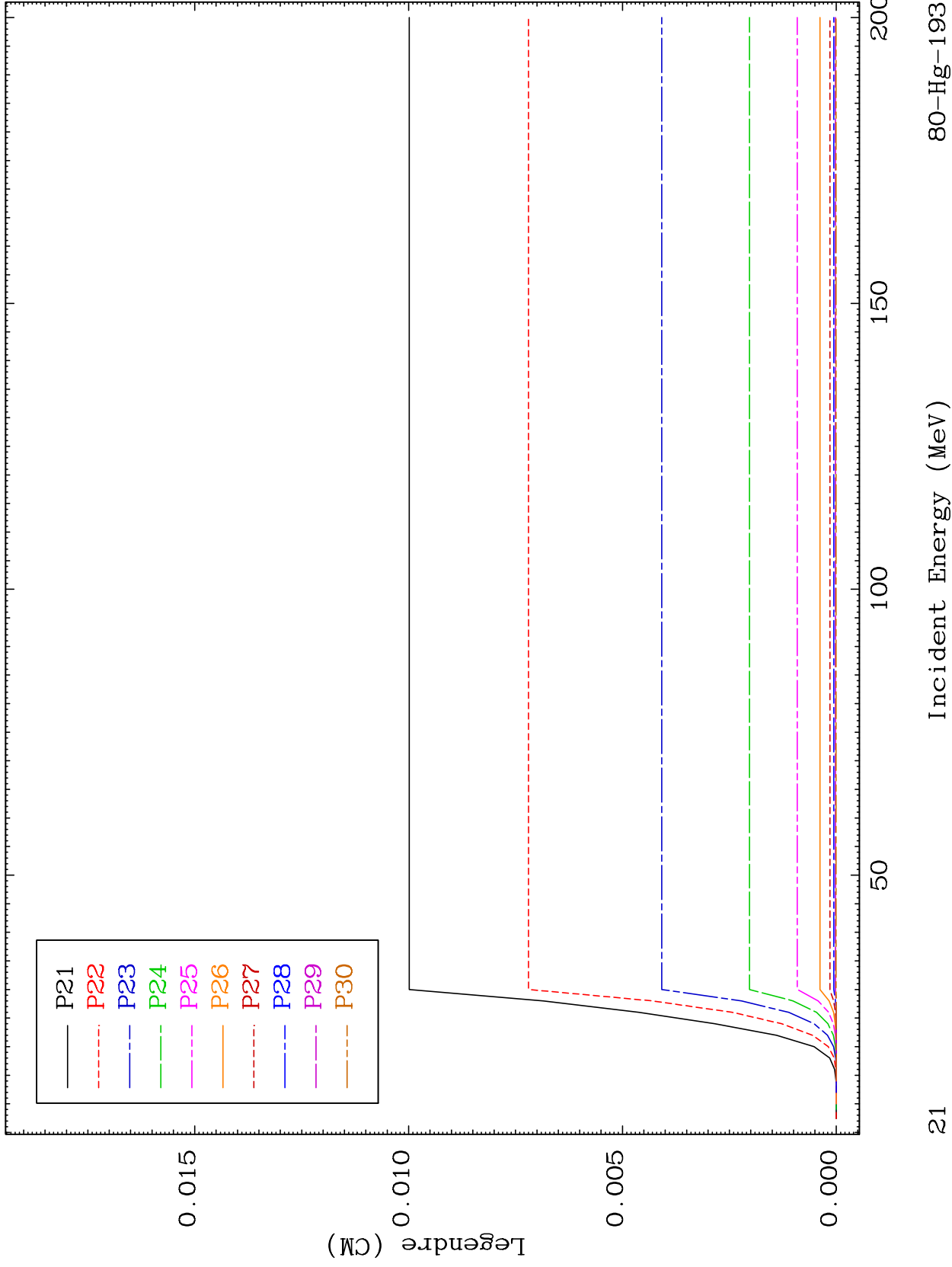
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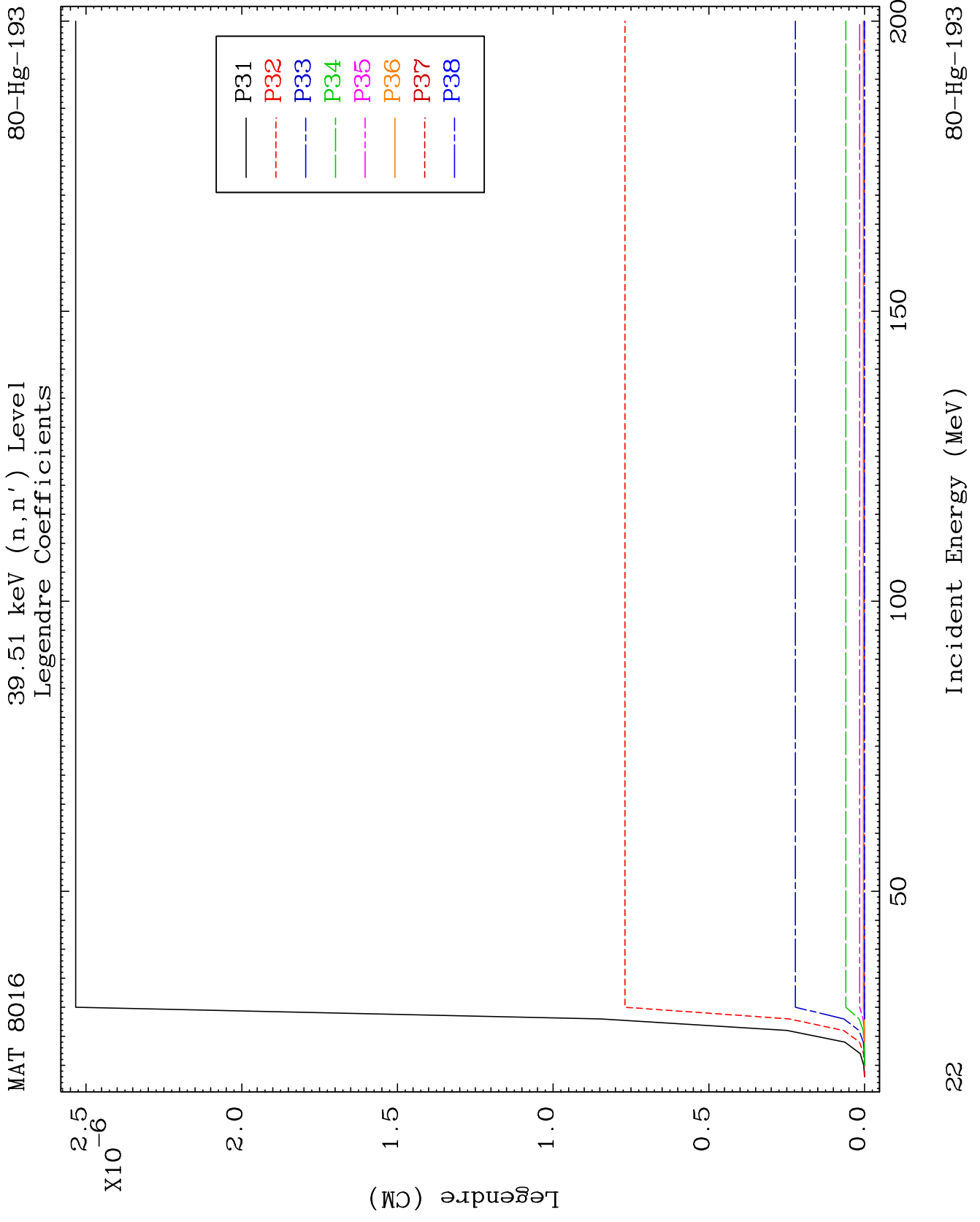


MAT 8016

39.51 keV (n,n') Level  
Legendre Coefficients

80-Hg-193





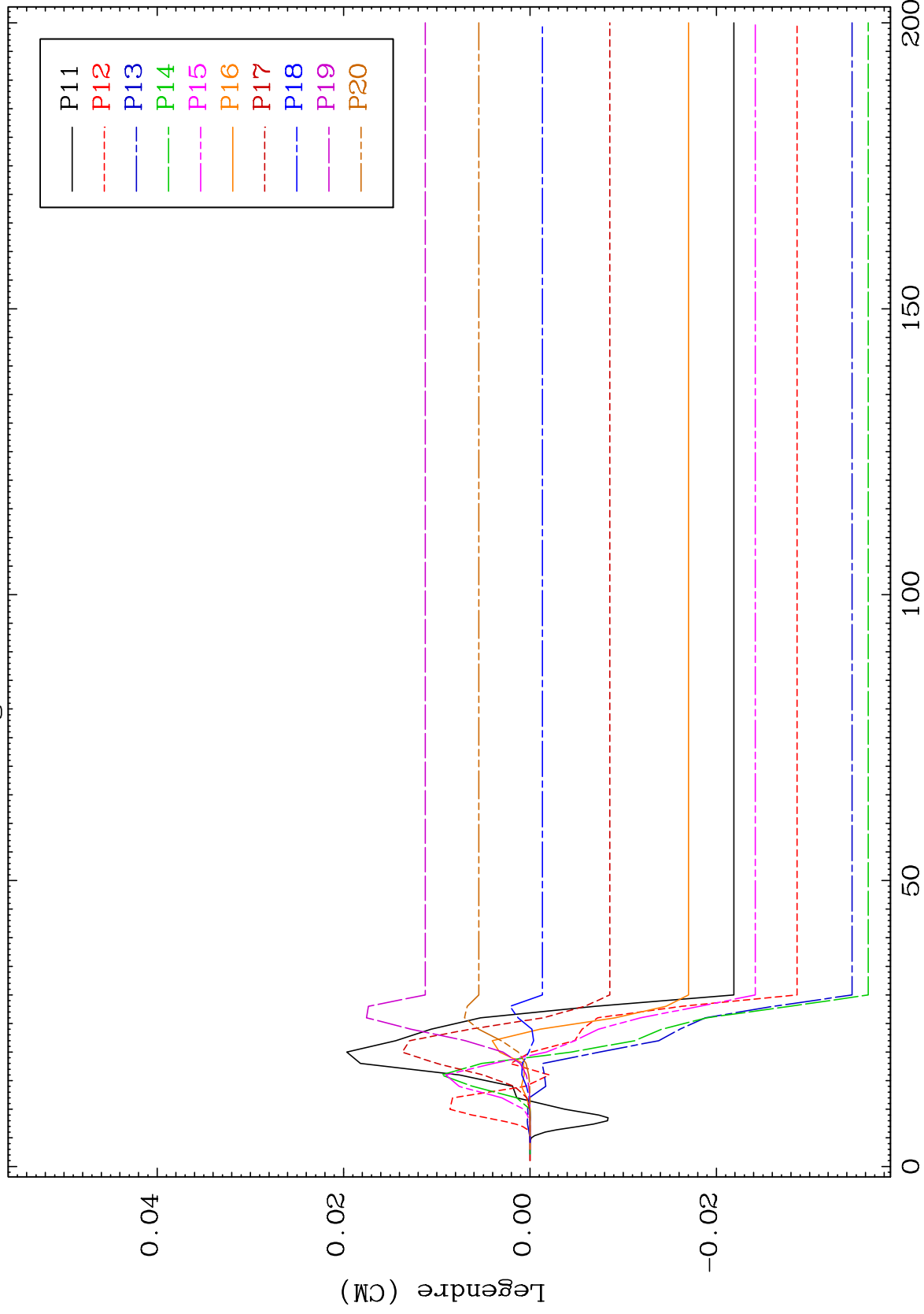




MAT 8016

49.95 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



24

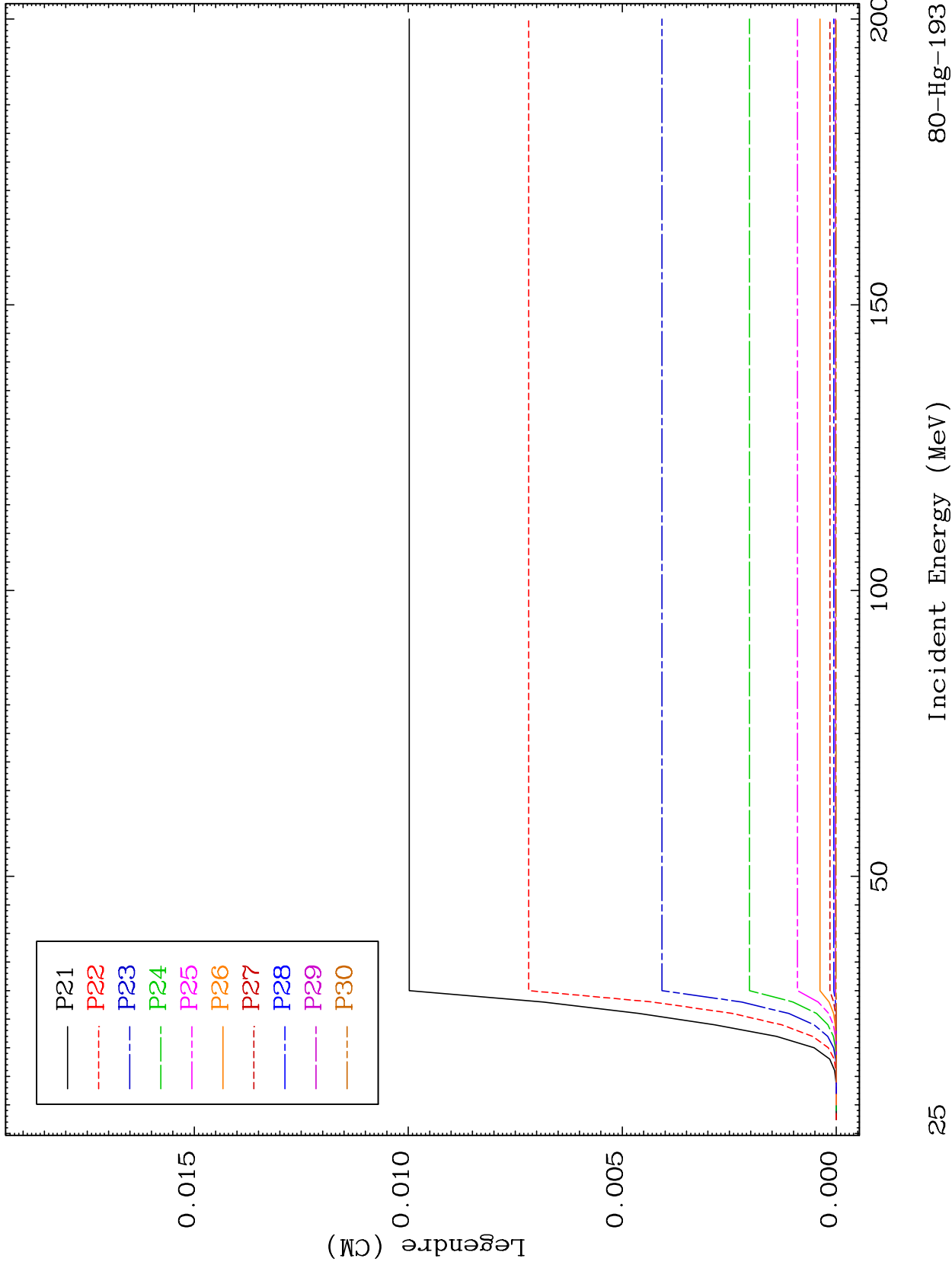
Incident Energy (MeV)

80-Hg-193

MAT 8016

49.95 keV (n,n') Level  
Legendre Coefficients

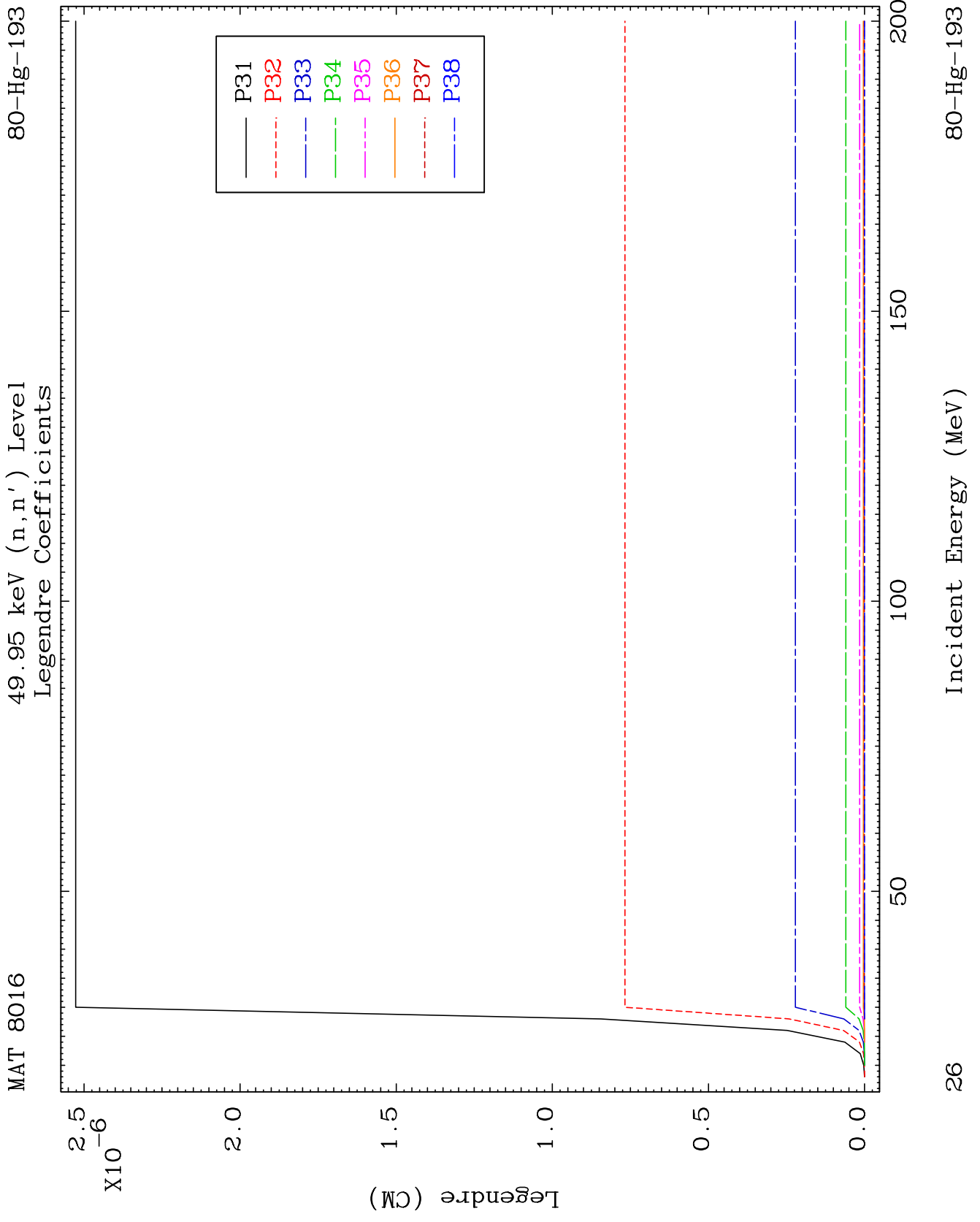
80-Hg-193

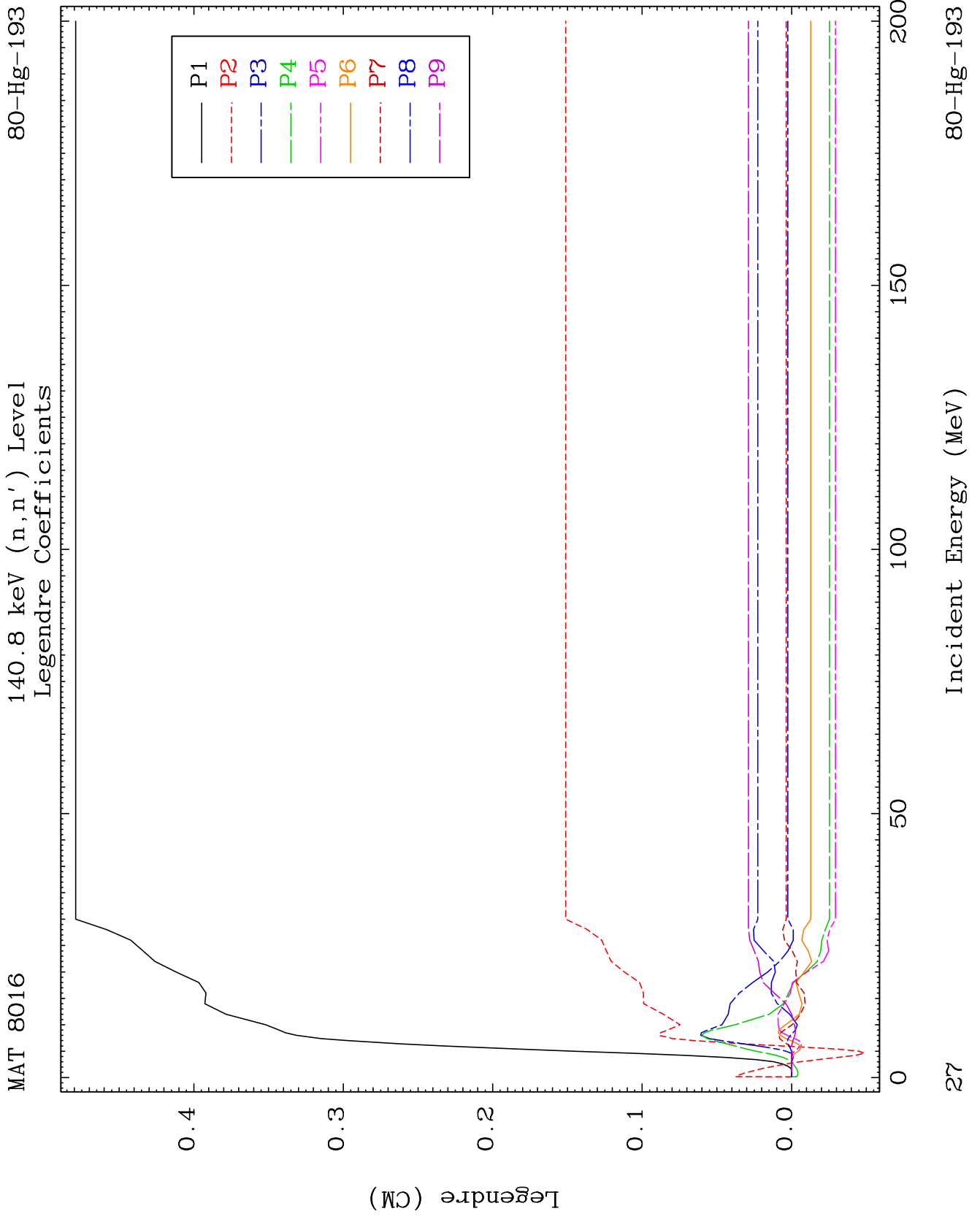


80-Hg-193

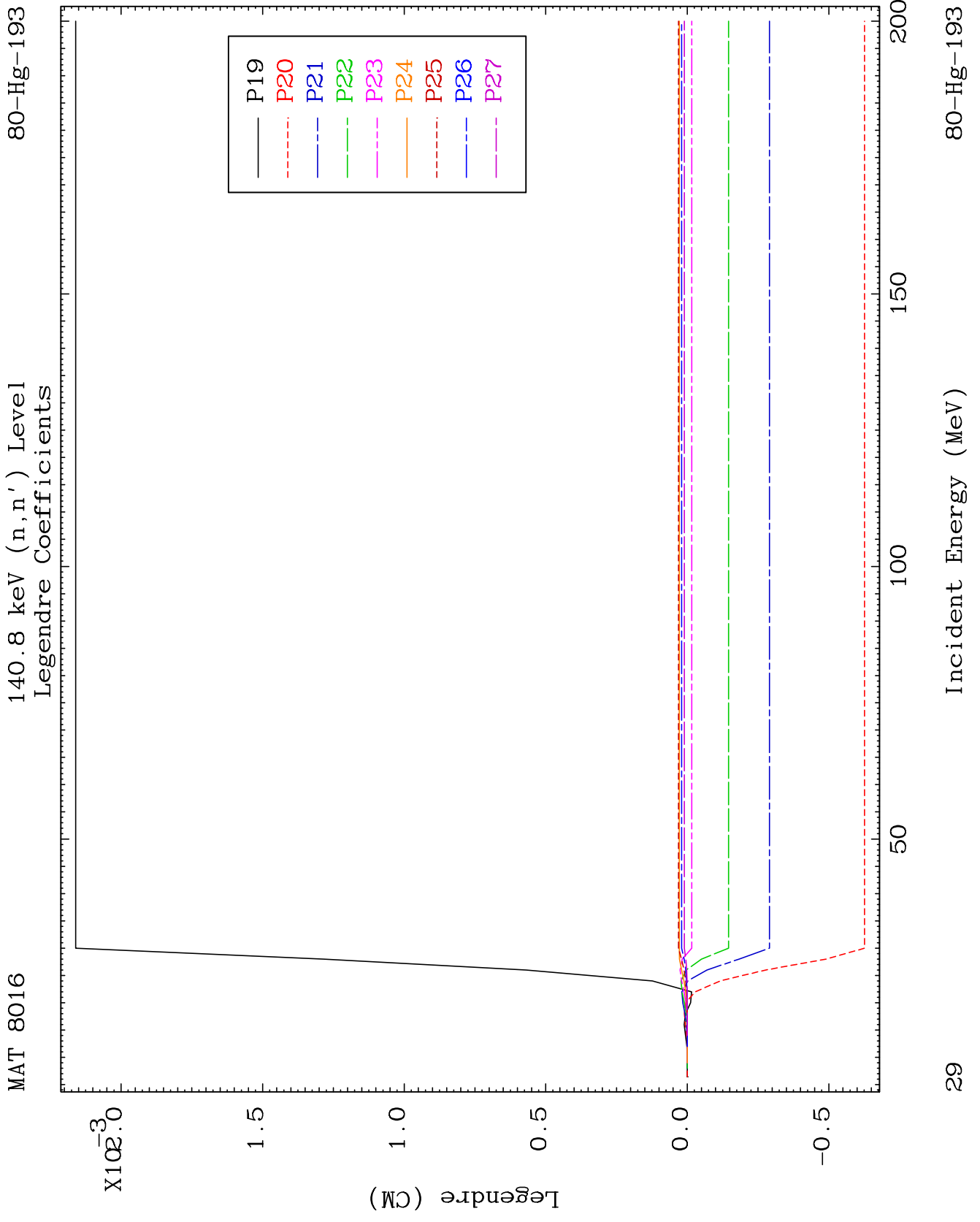
Incident Energy (MeV)

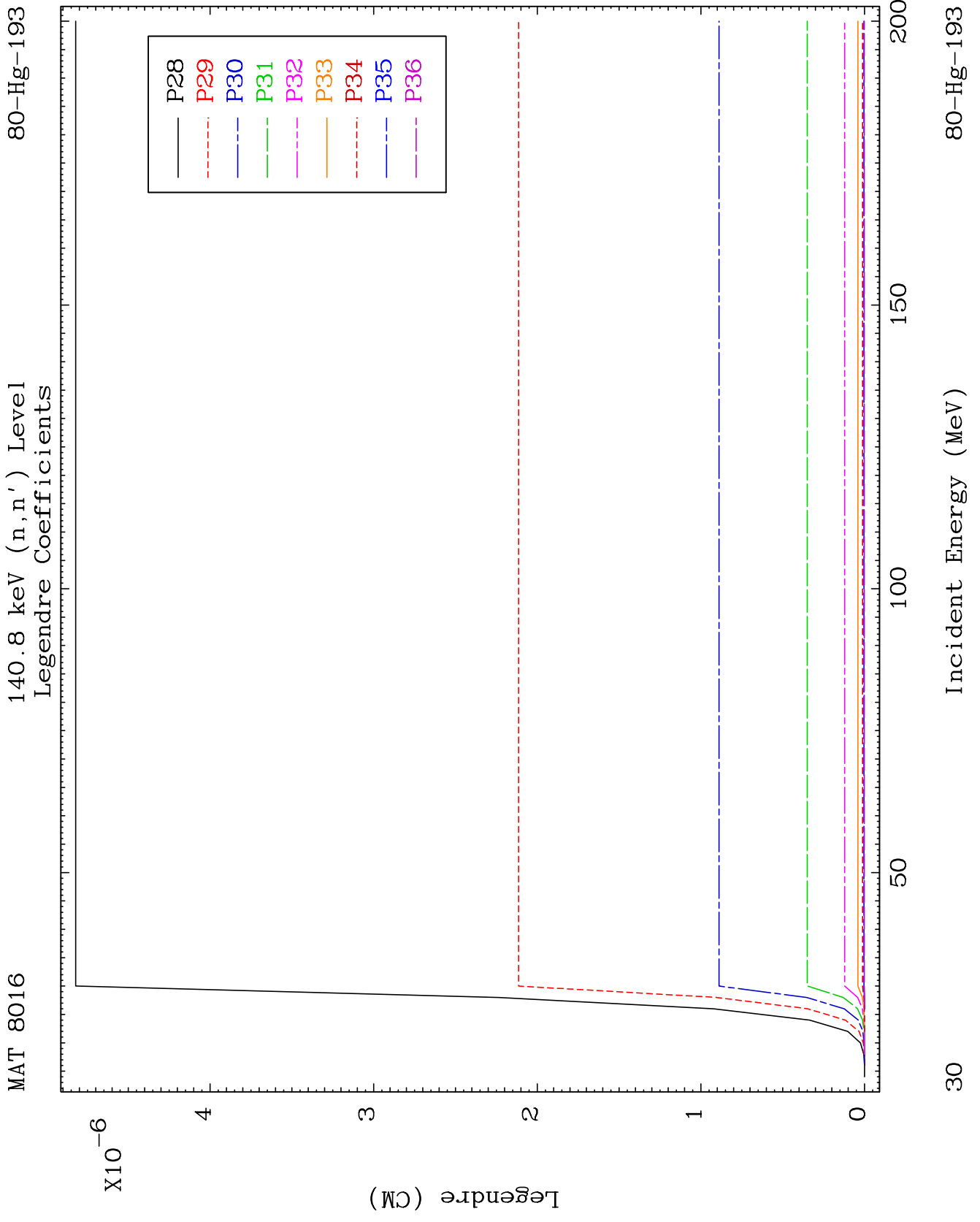
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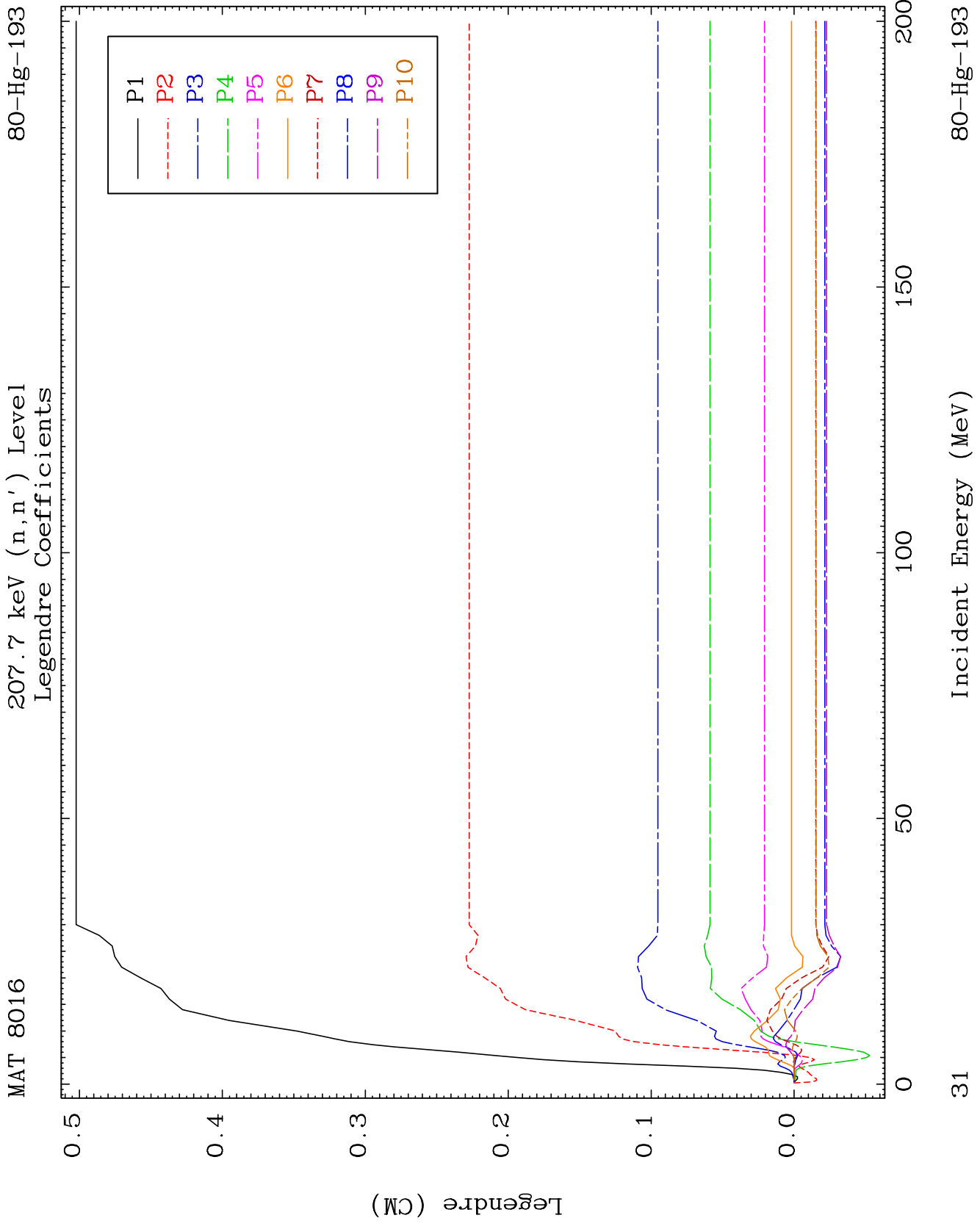










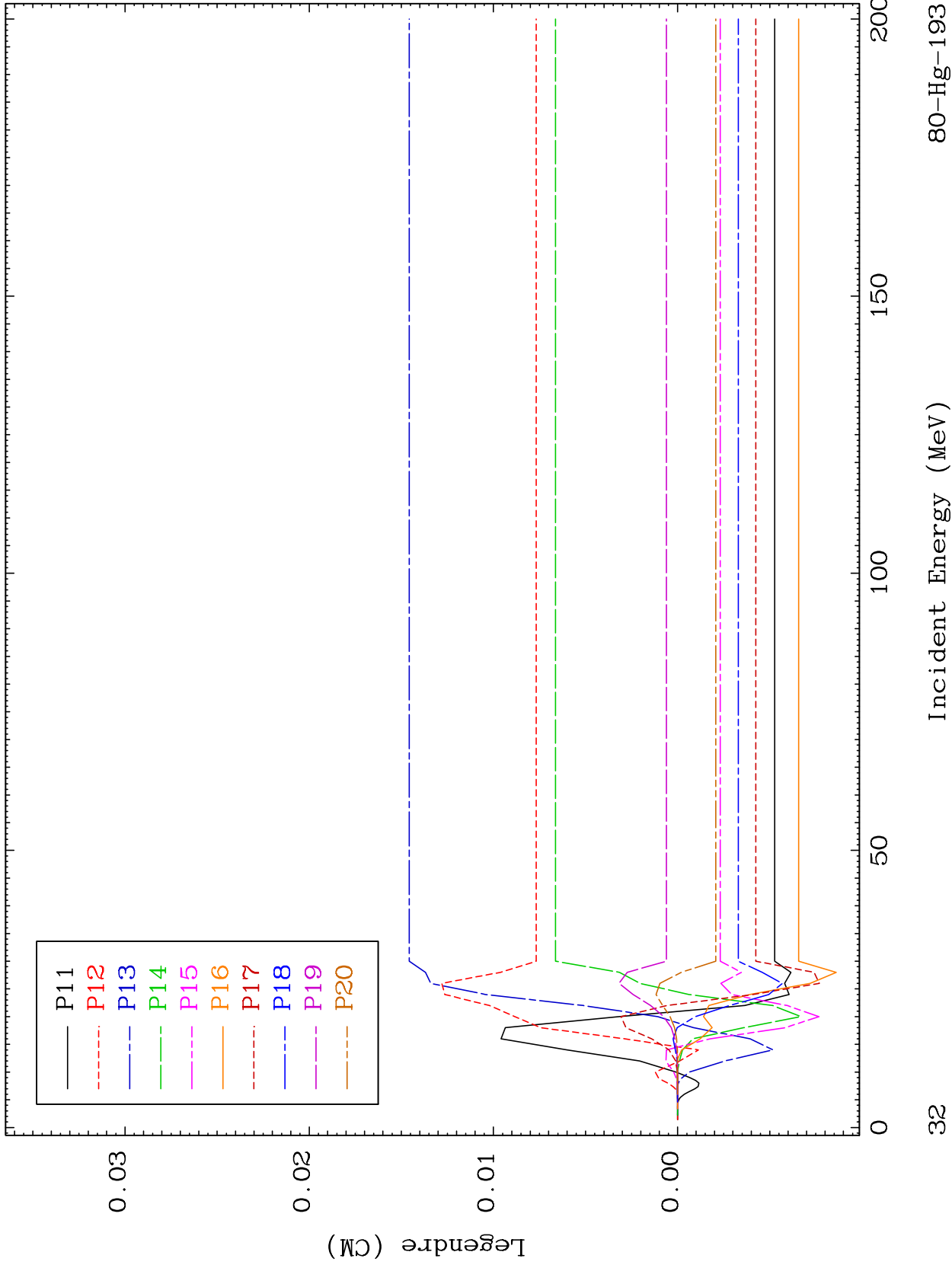




MAT 8016

207.7 keV (n,n') Level  
Legendre Coefficients

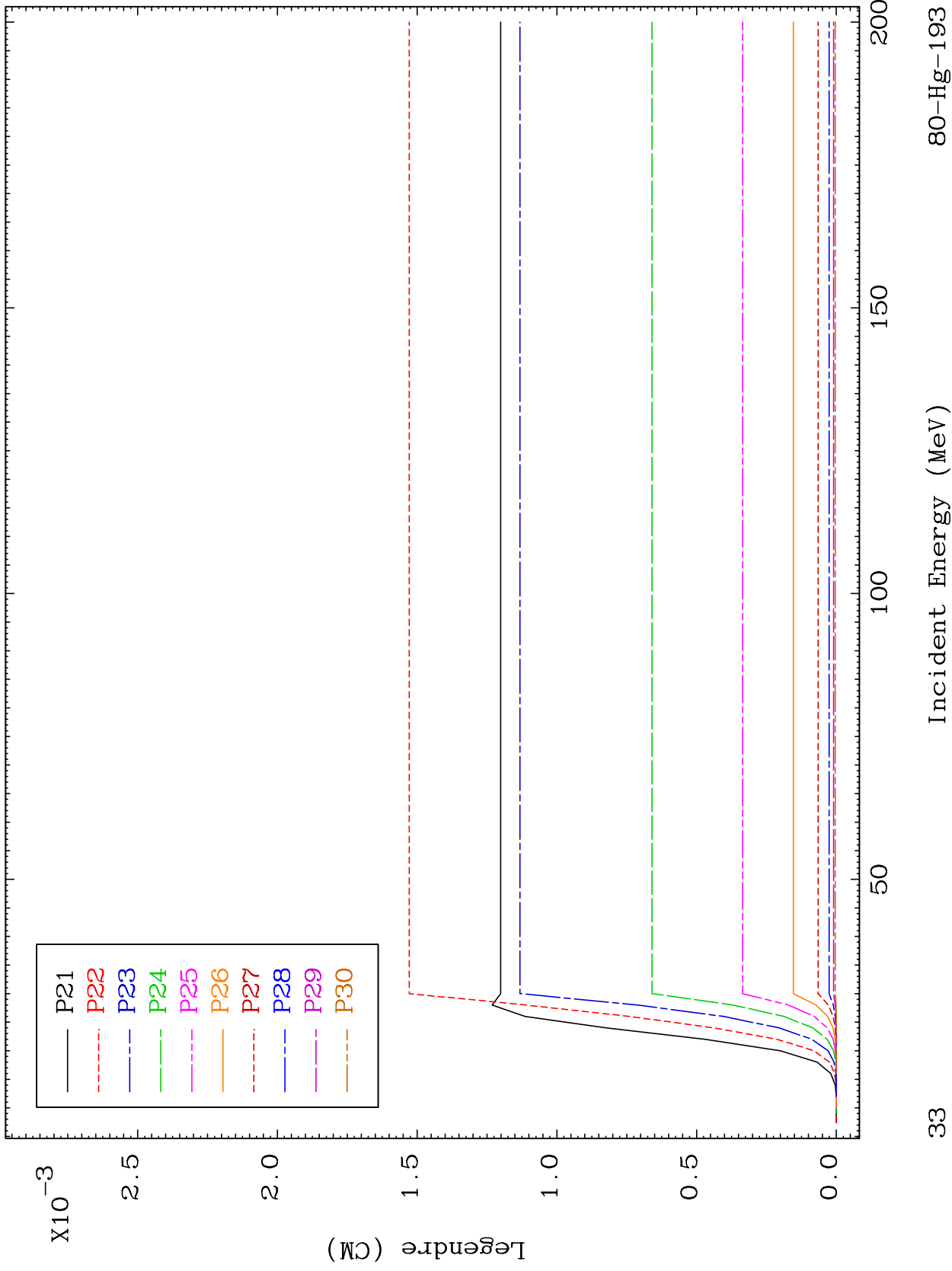
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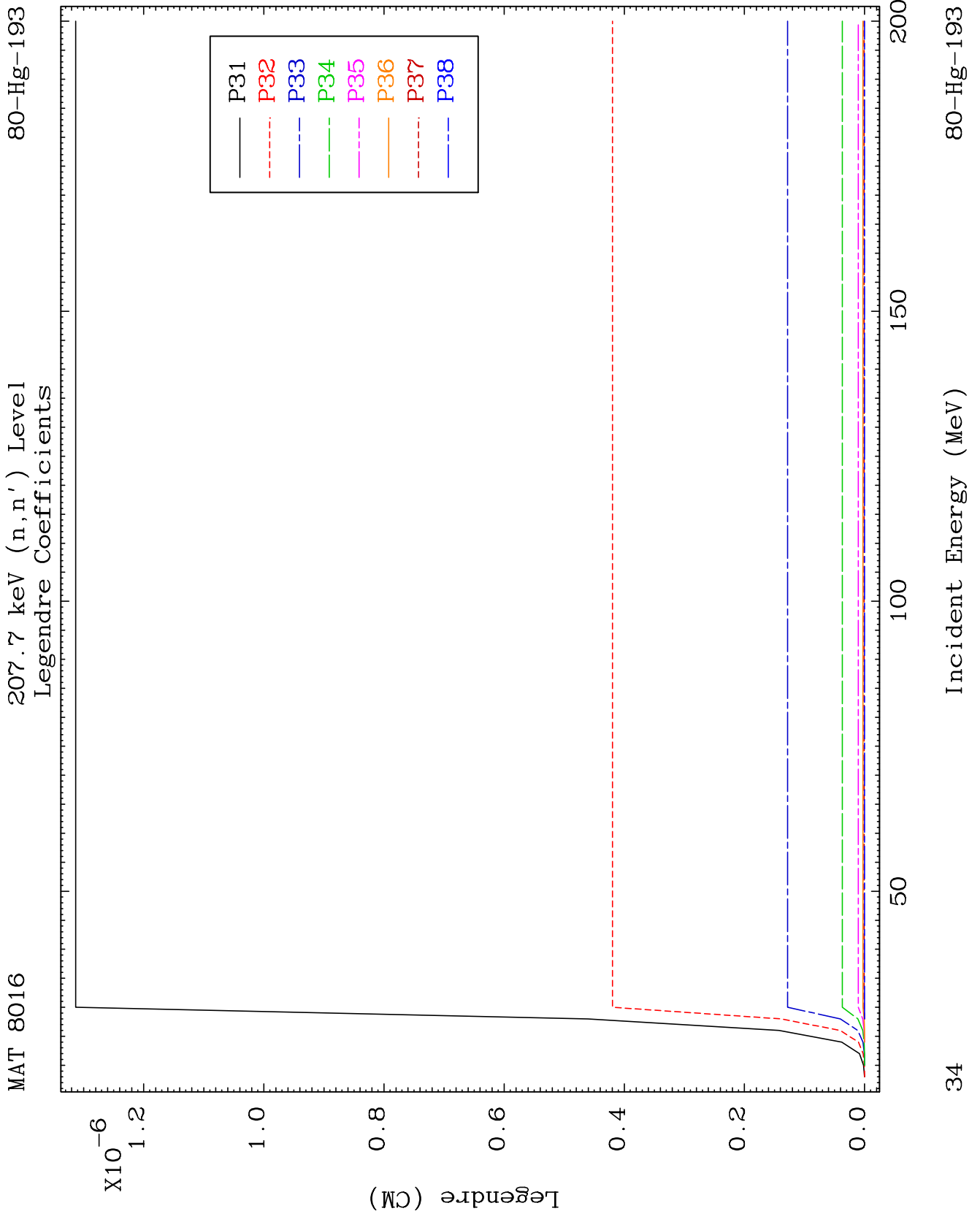


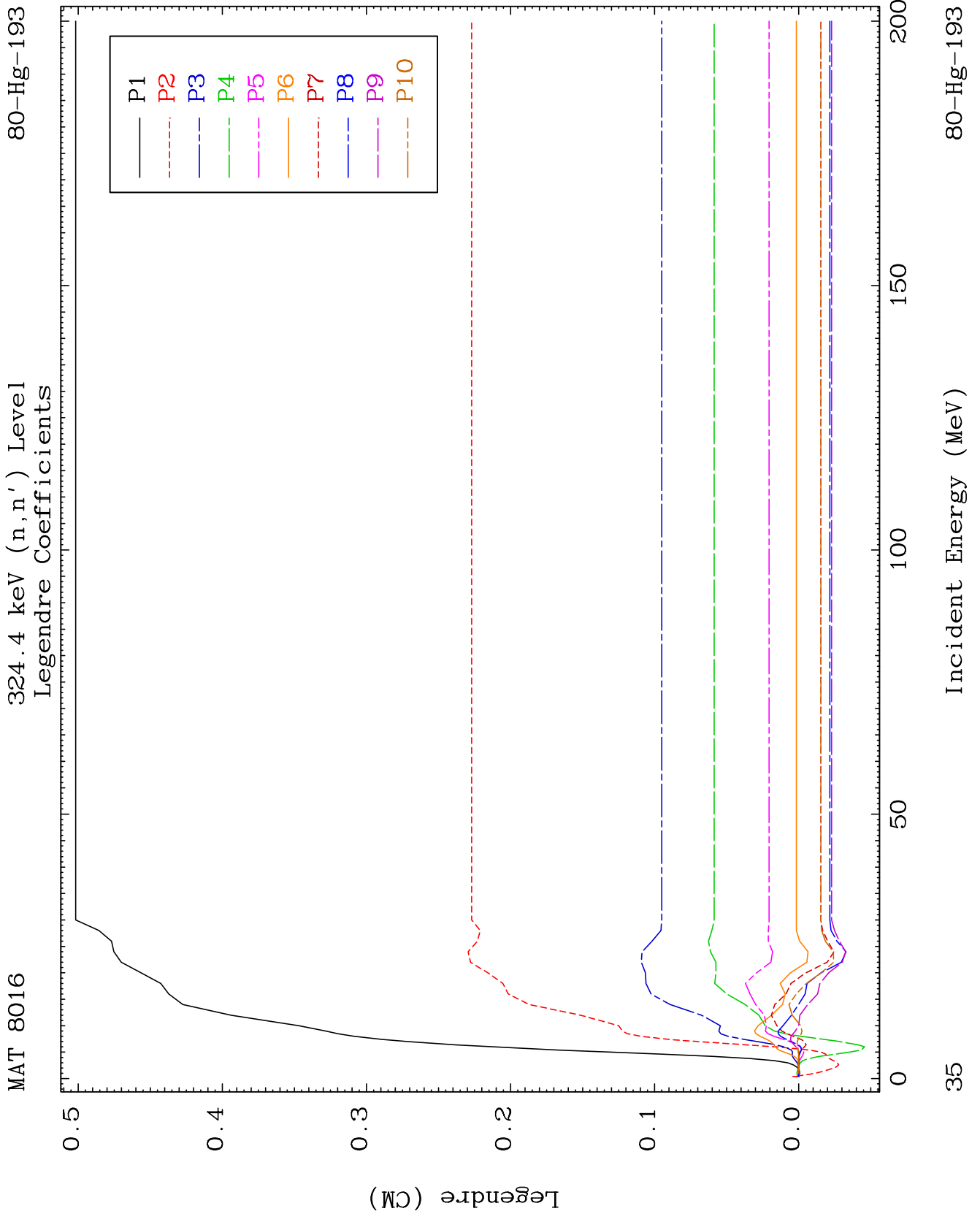
32

Incident Energy (MeV)

80-Hg-193



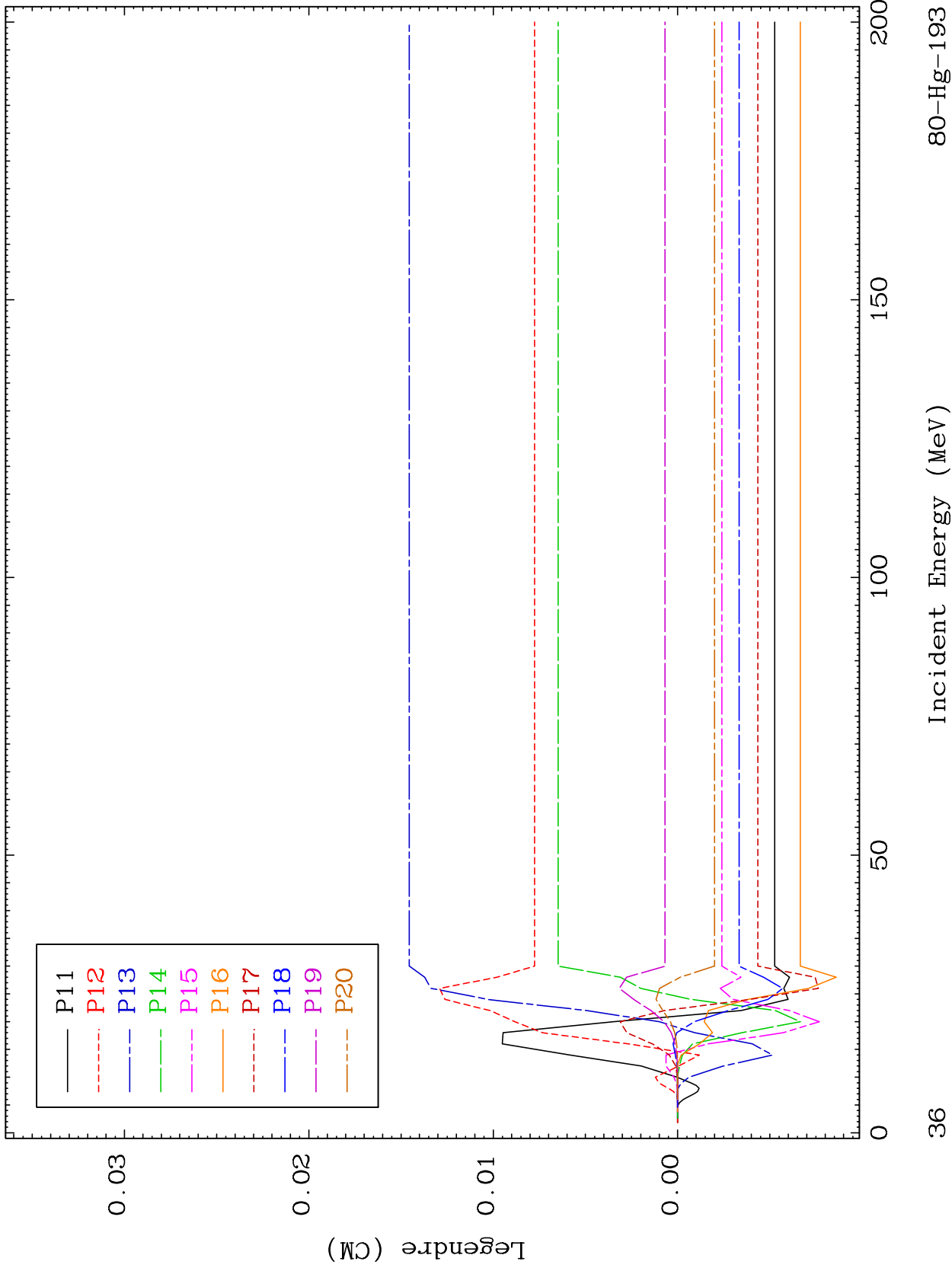




MAT 8016

324.4 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



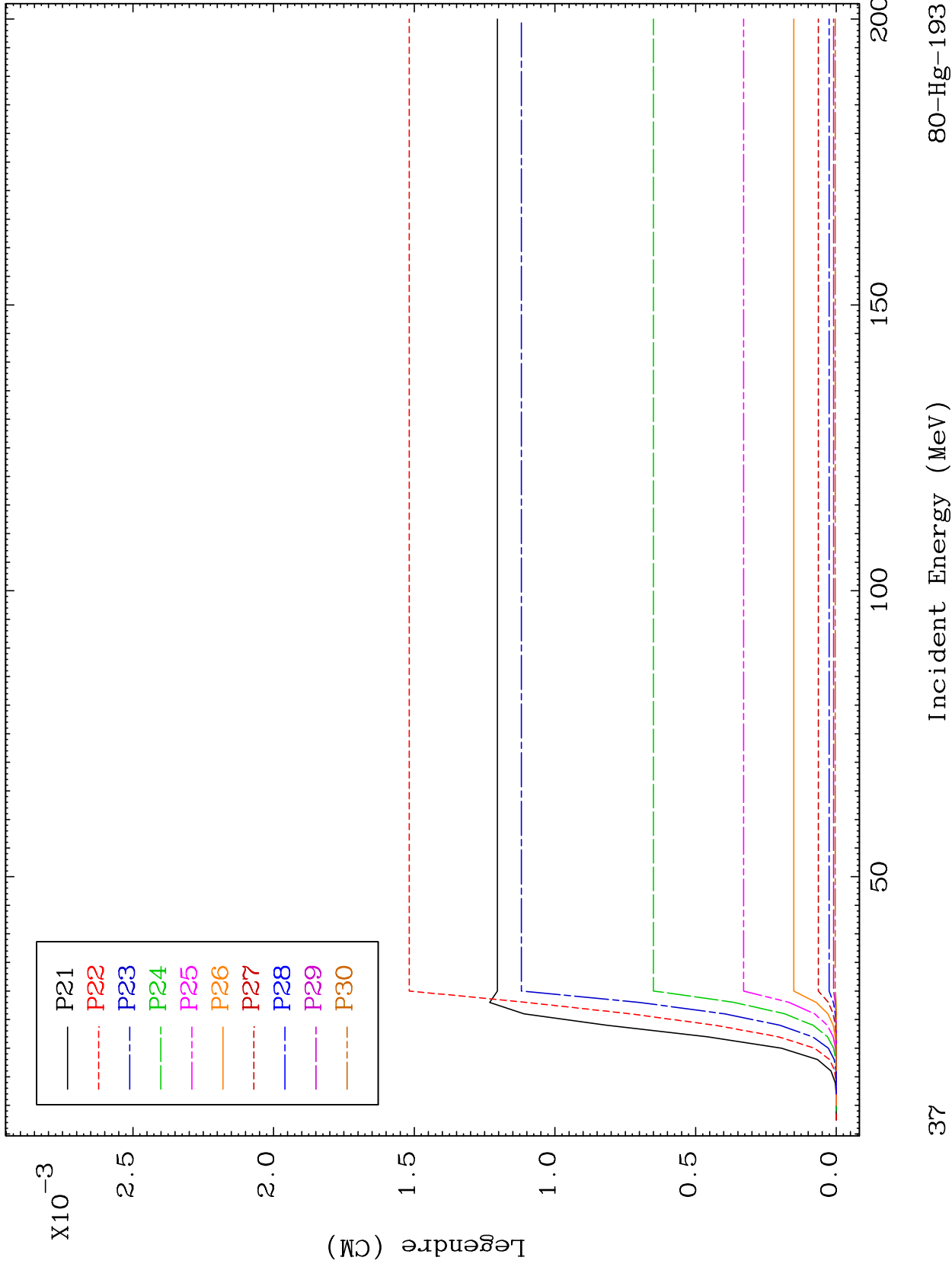
36

80-Hg-193

MAT 8016

324.4 keV (n,n') Level  
Legendre Coefficients

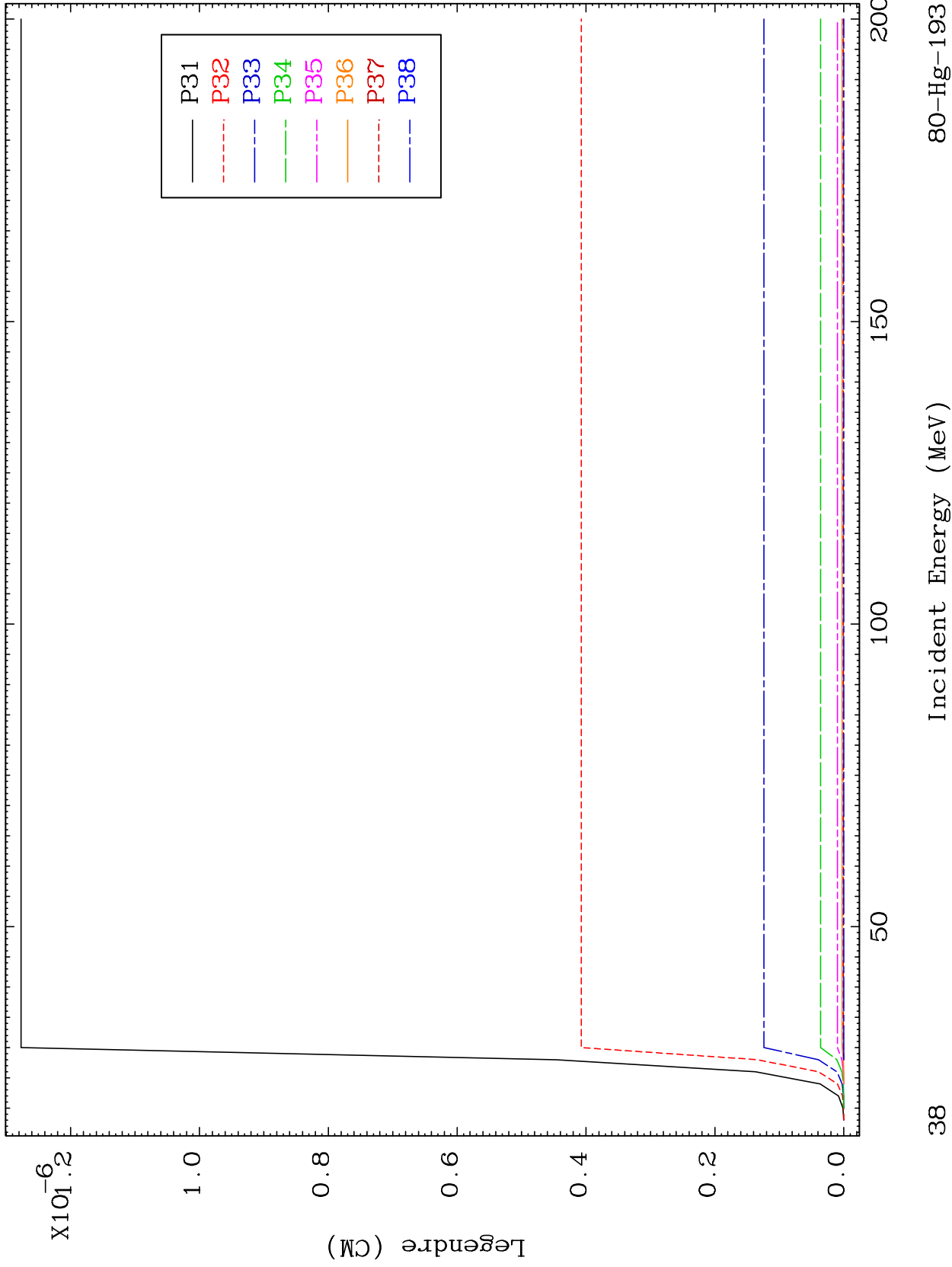
80-Hg-193



MAT 8016

324.4 keV (n,n') Level  
Legendre Coefficients

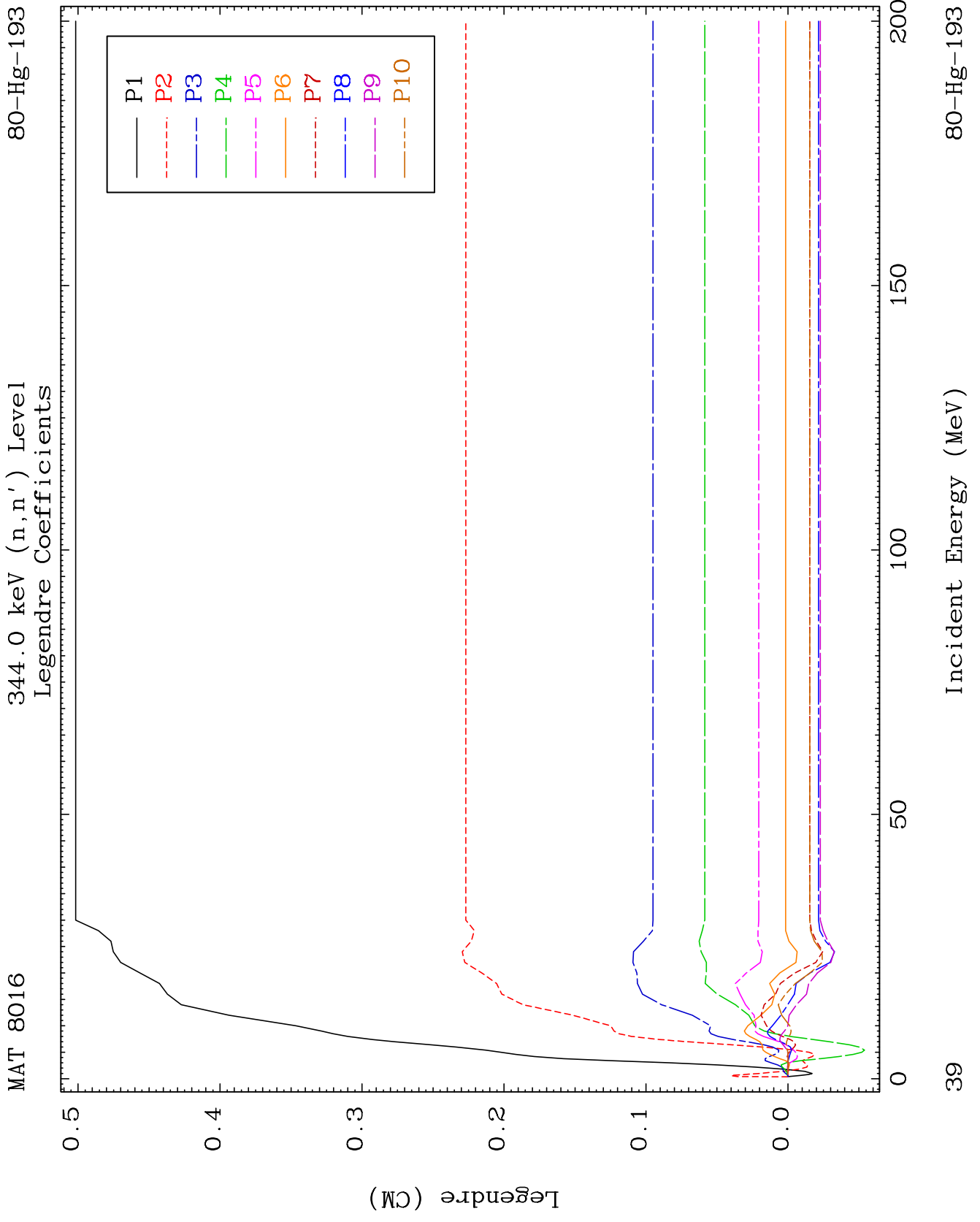
80-Hg-193



38

Incident Energy (MeV)

80-Hg-193



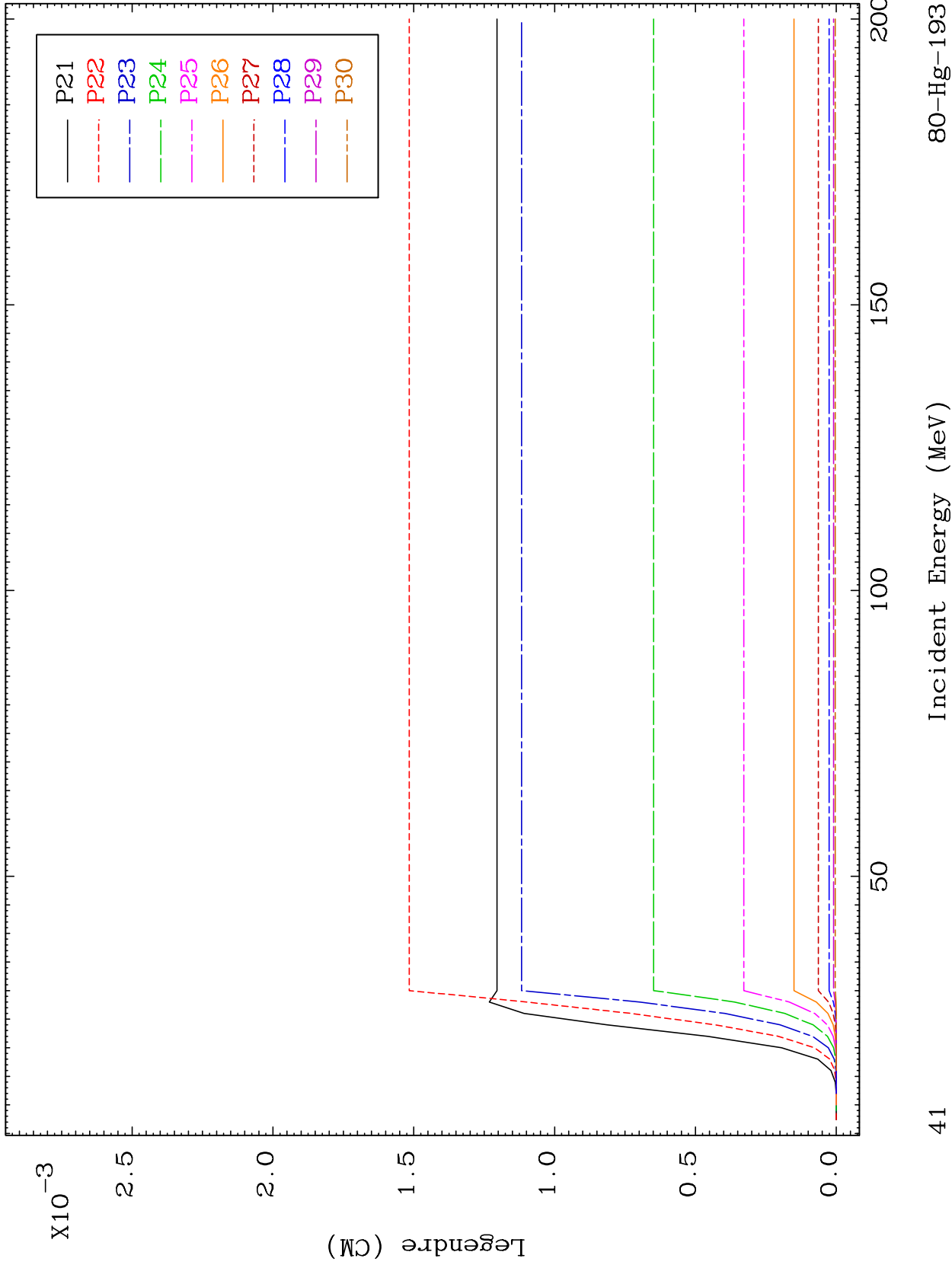


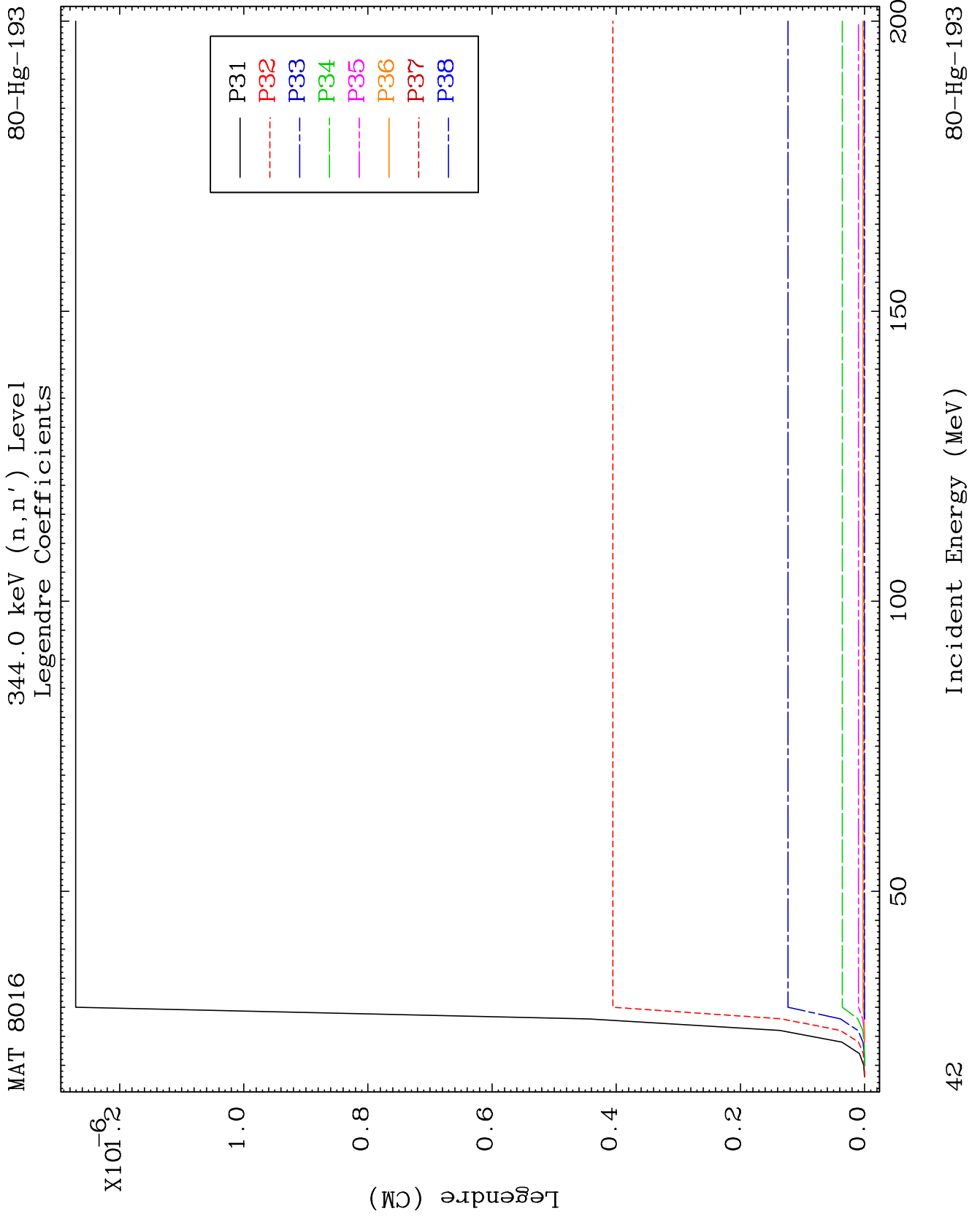


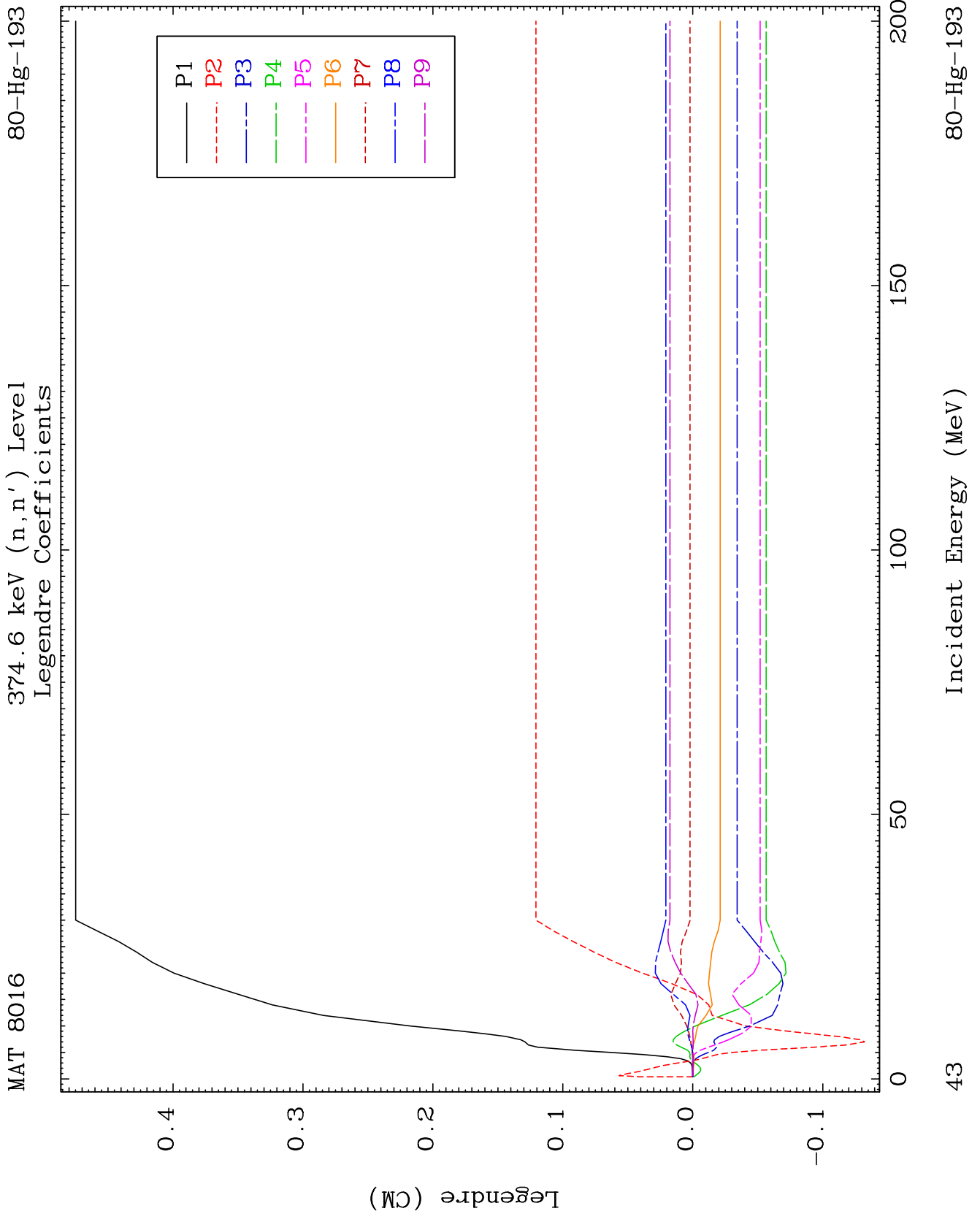
MAT 8016

344.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



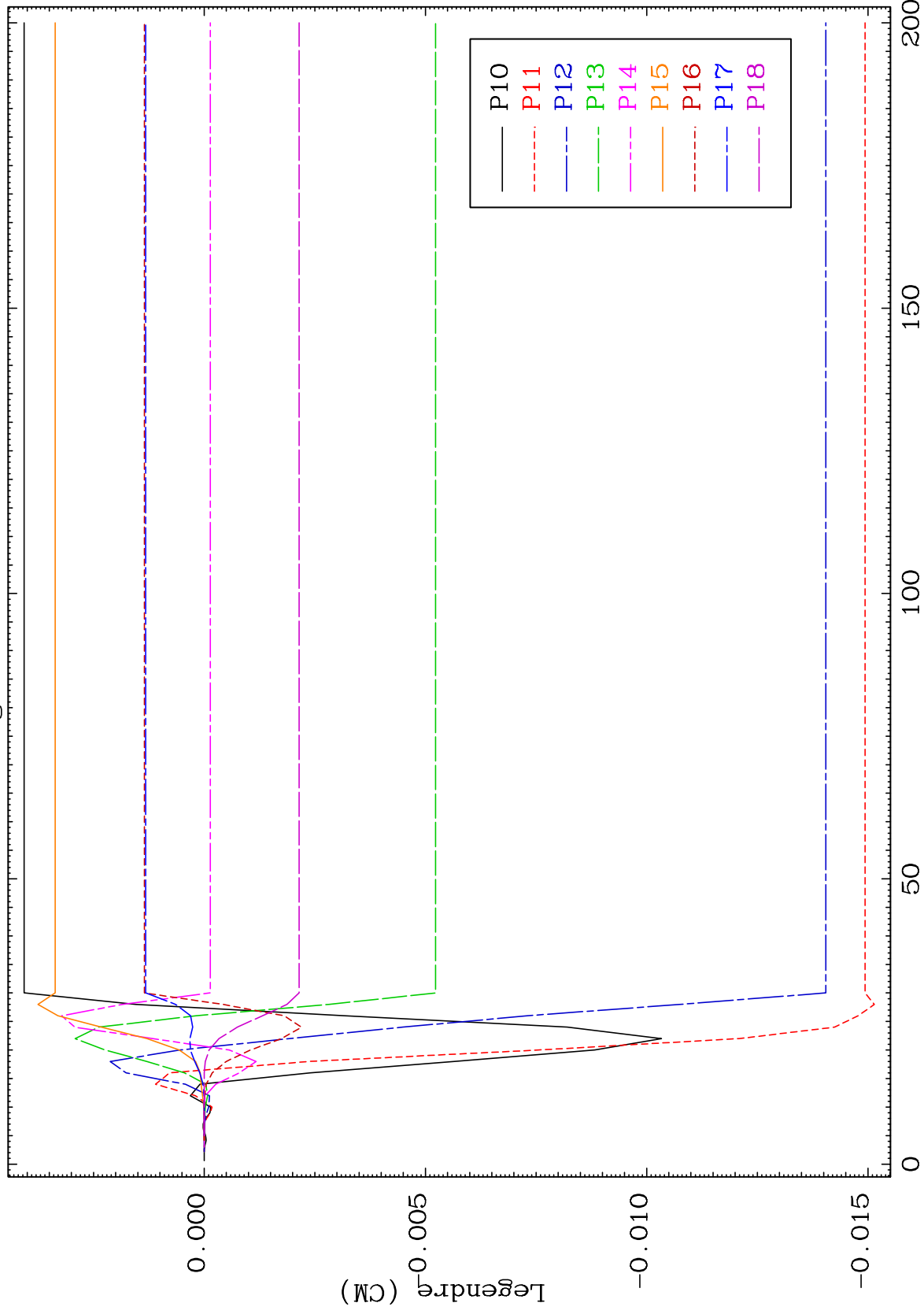




MAT 8016

374.6 keV (n,n') Level  
Legendre Coefficients

80-Hg-193

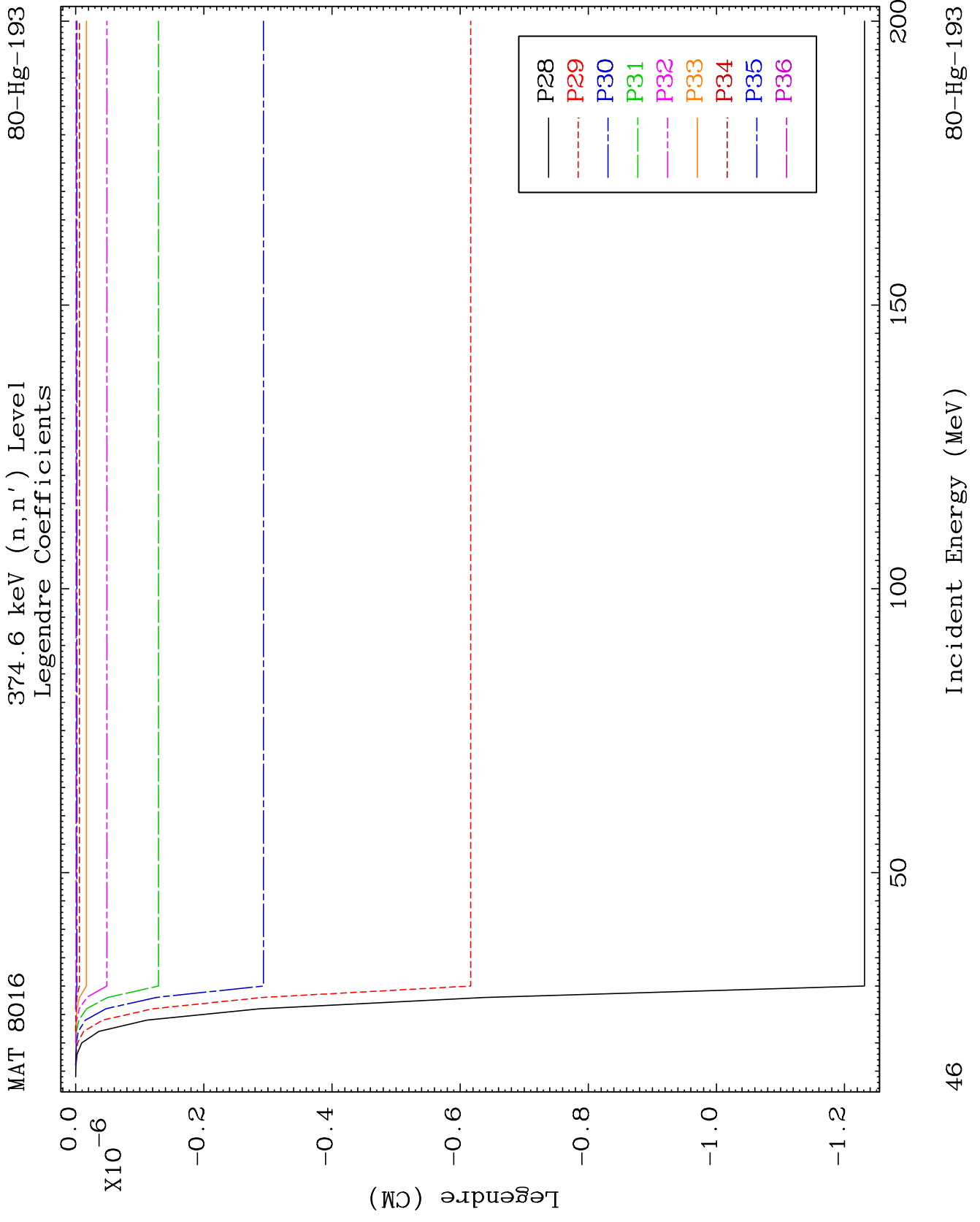


44

Incident Energy (MeV)

80-Hg-193

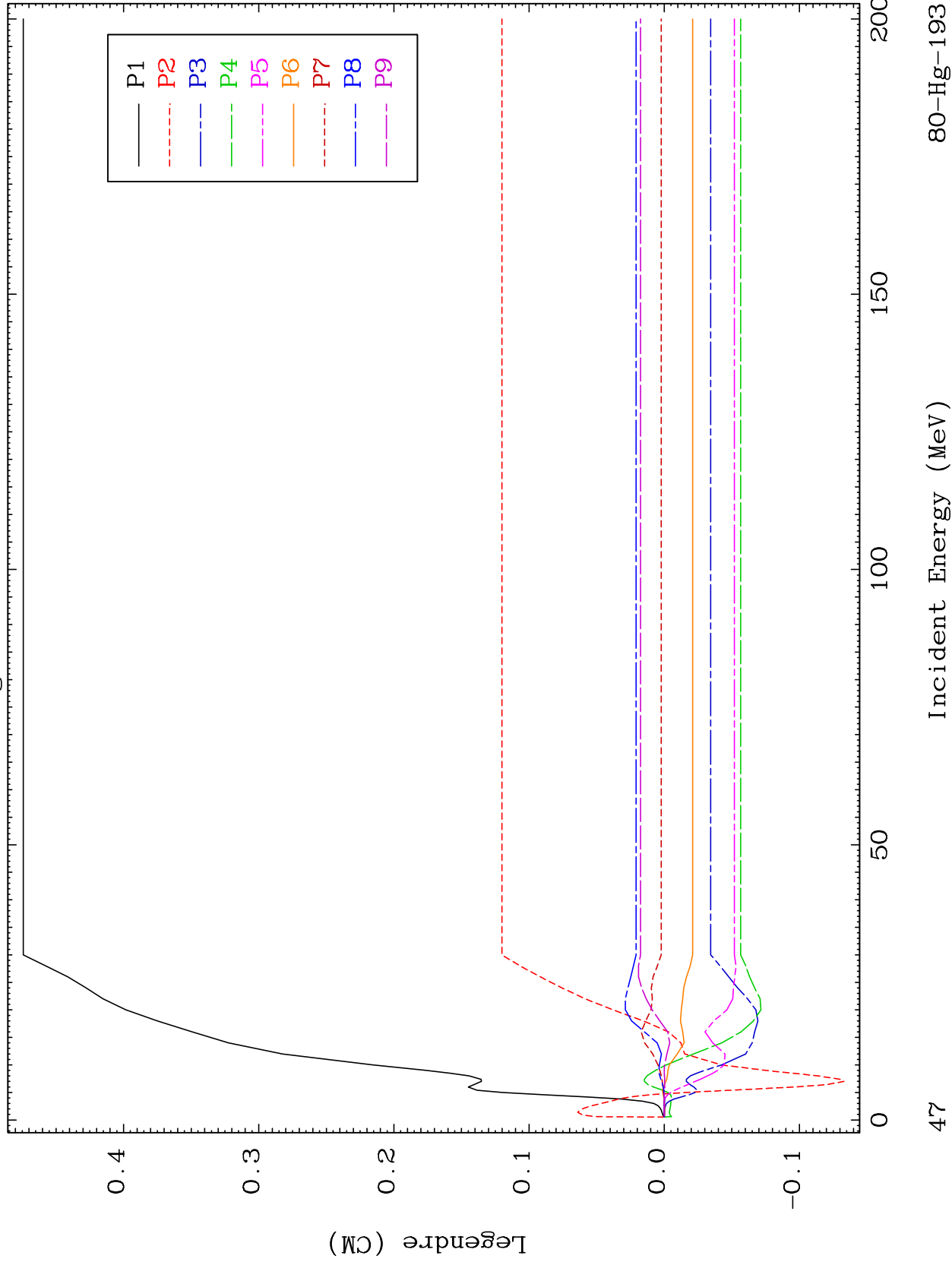




MAT 8016

522.7 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



80-Hg-193

Incident Energy (MeV)

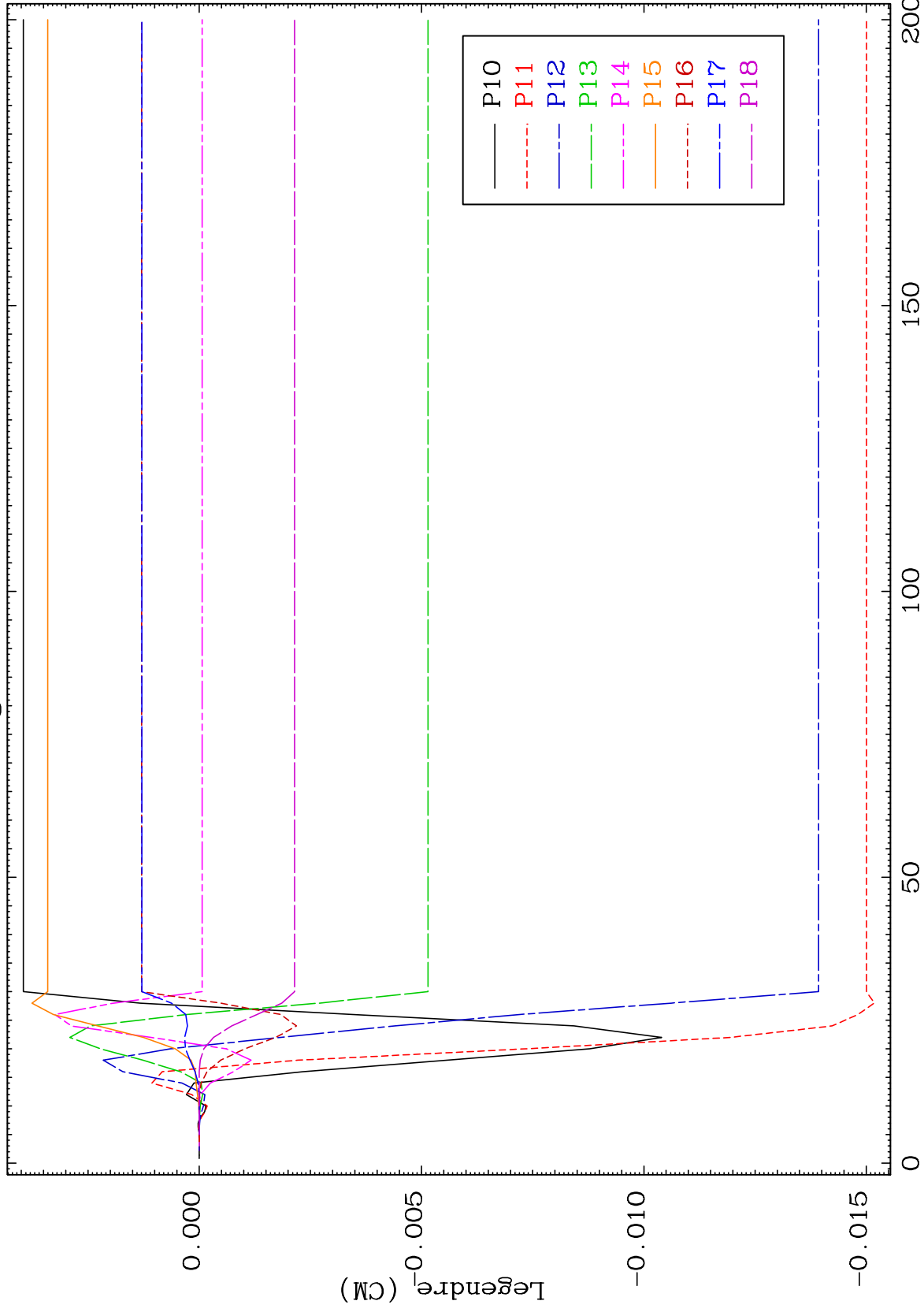
47



MAT 8016

522.7 keV (n,n') Level  
Legendre Coefficients

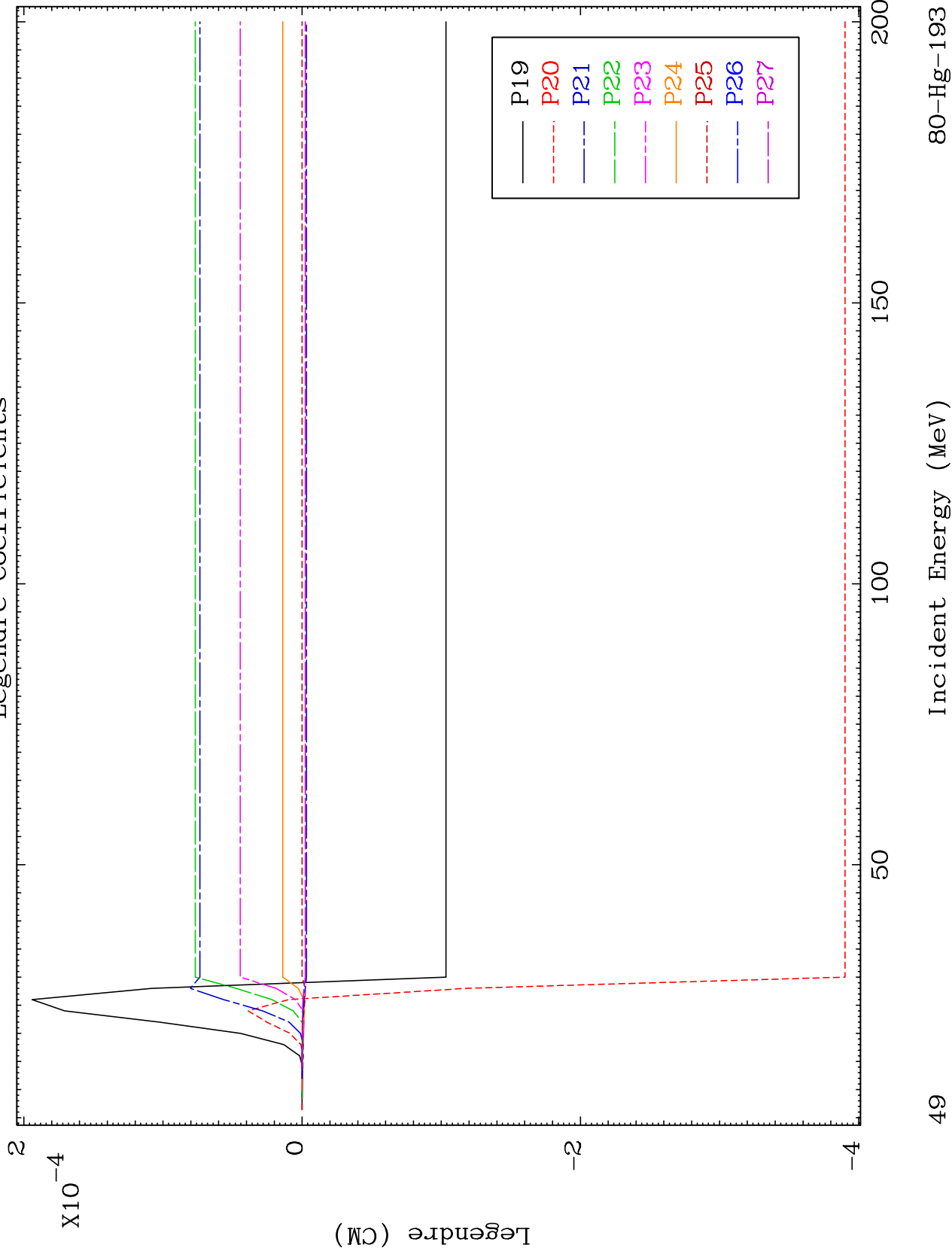
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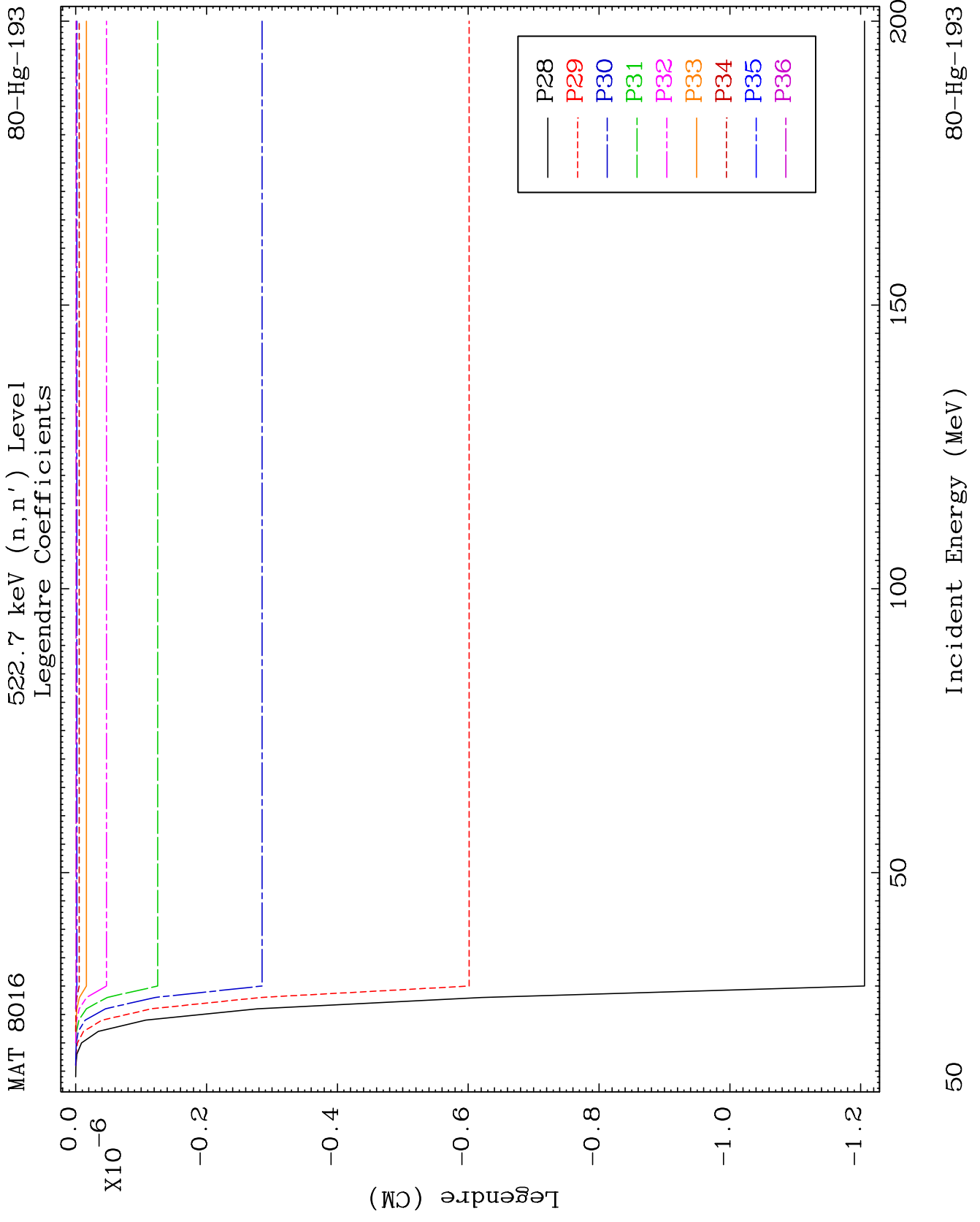


48

Incident Energy (MeV)

80-Hg-193

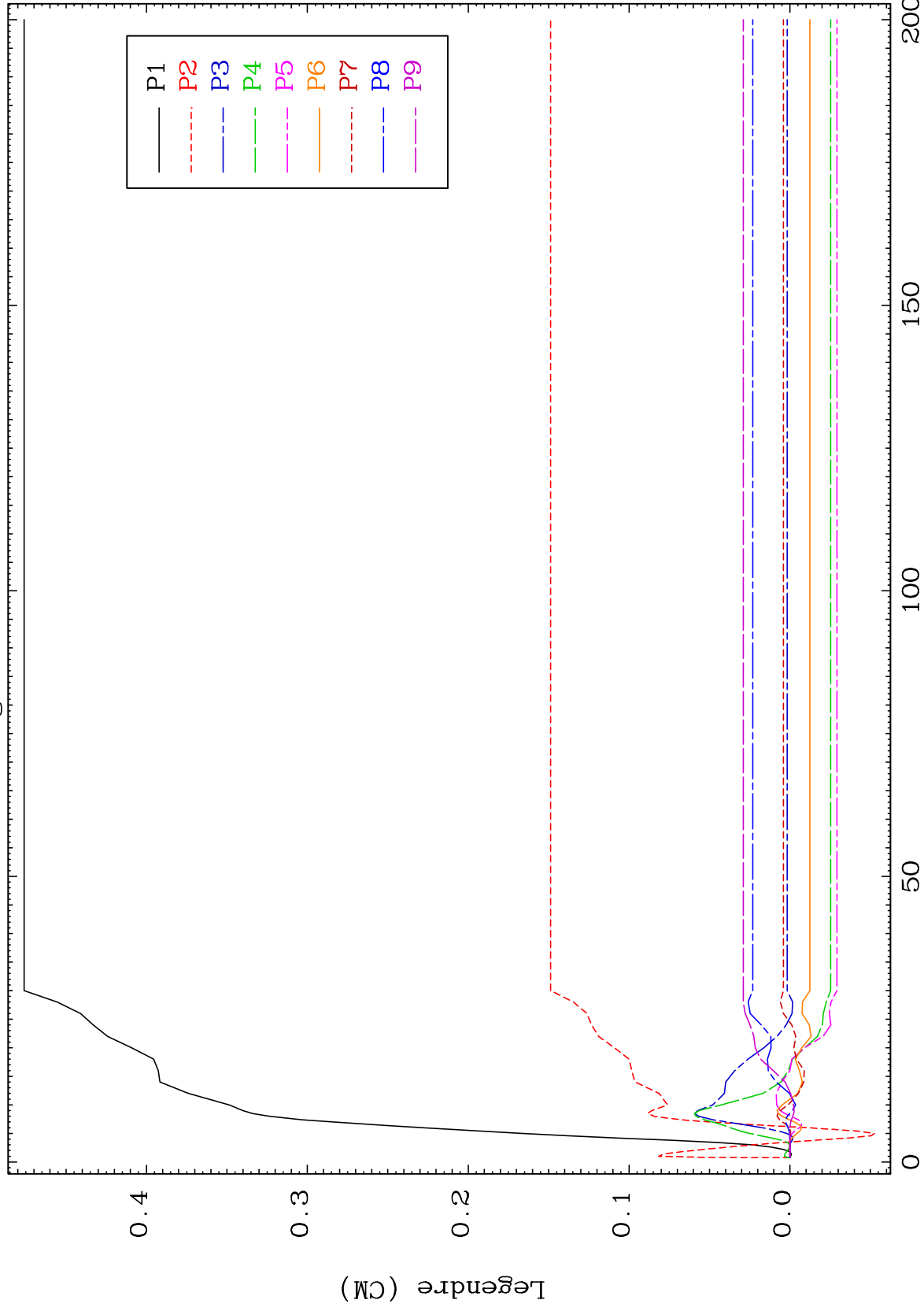




MAT 8016

746.8 keV (n, n') Level  
Legendre Coefficients

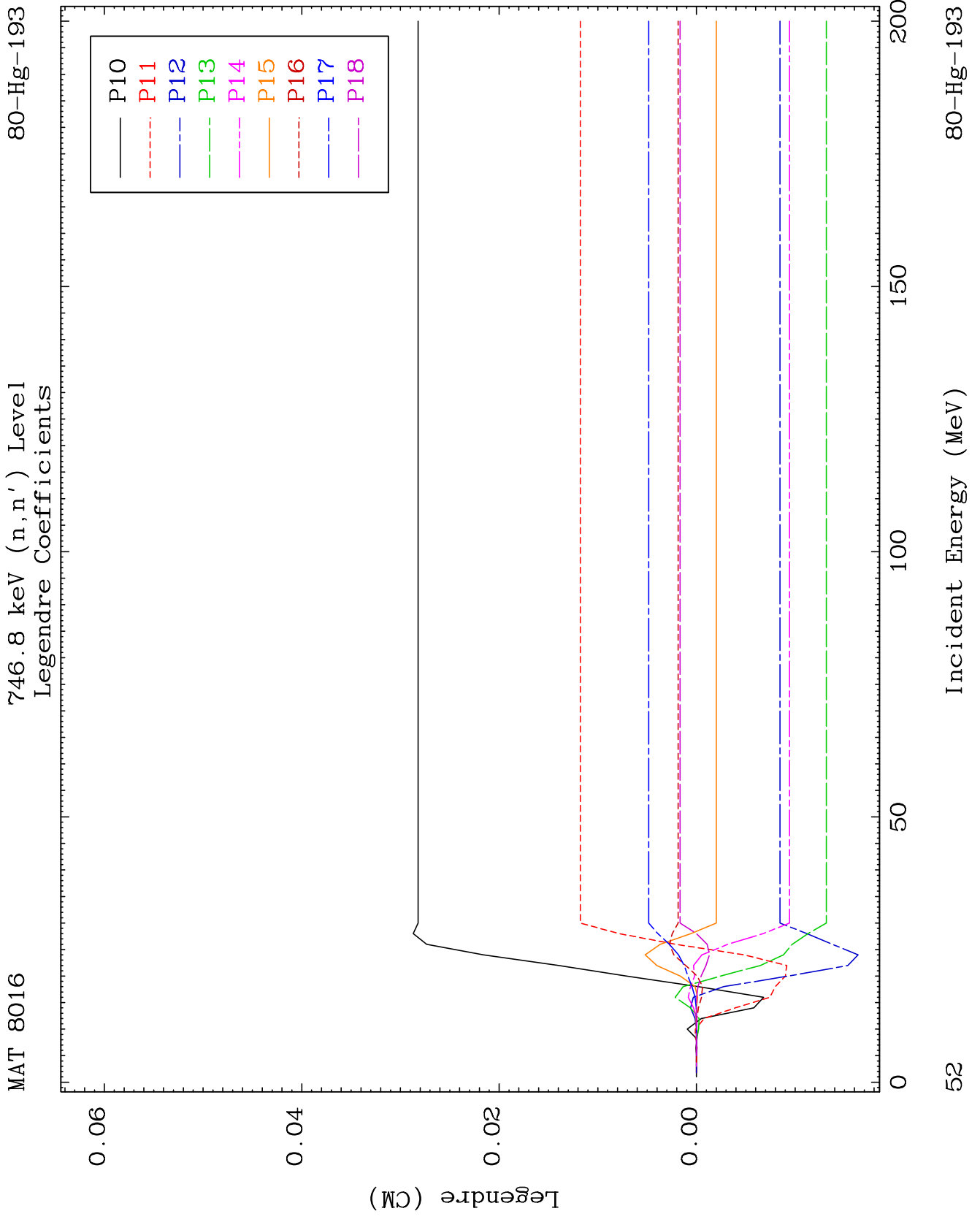
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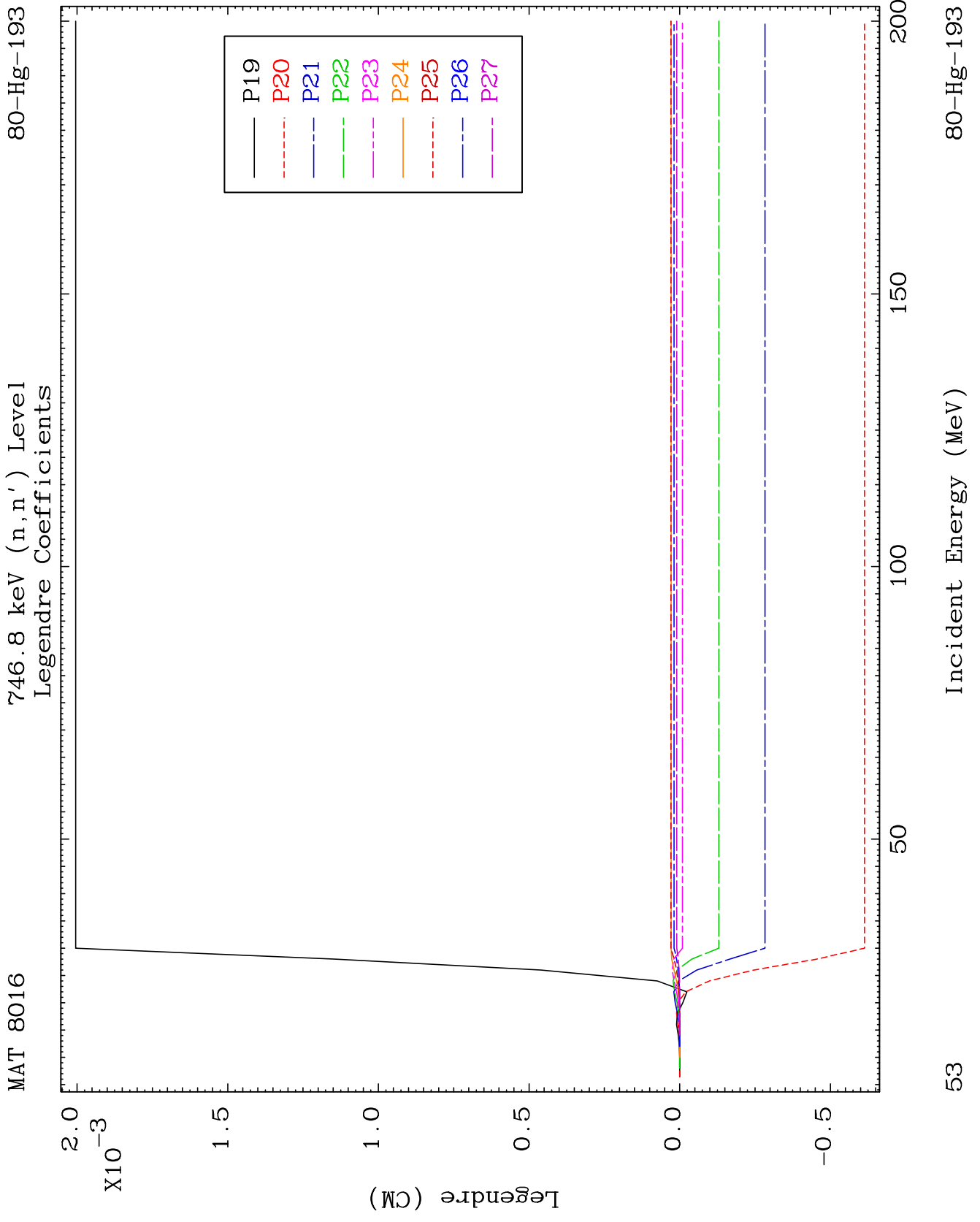


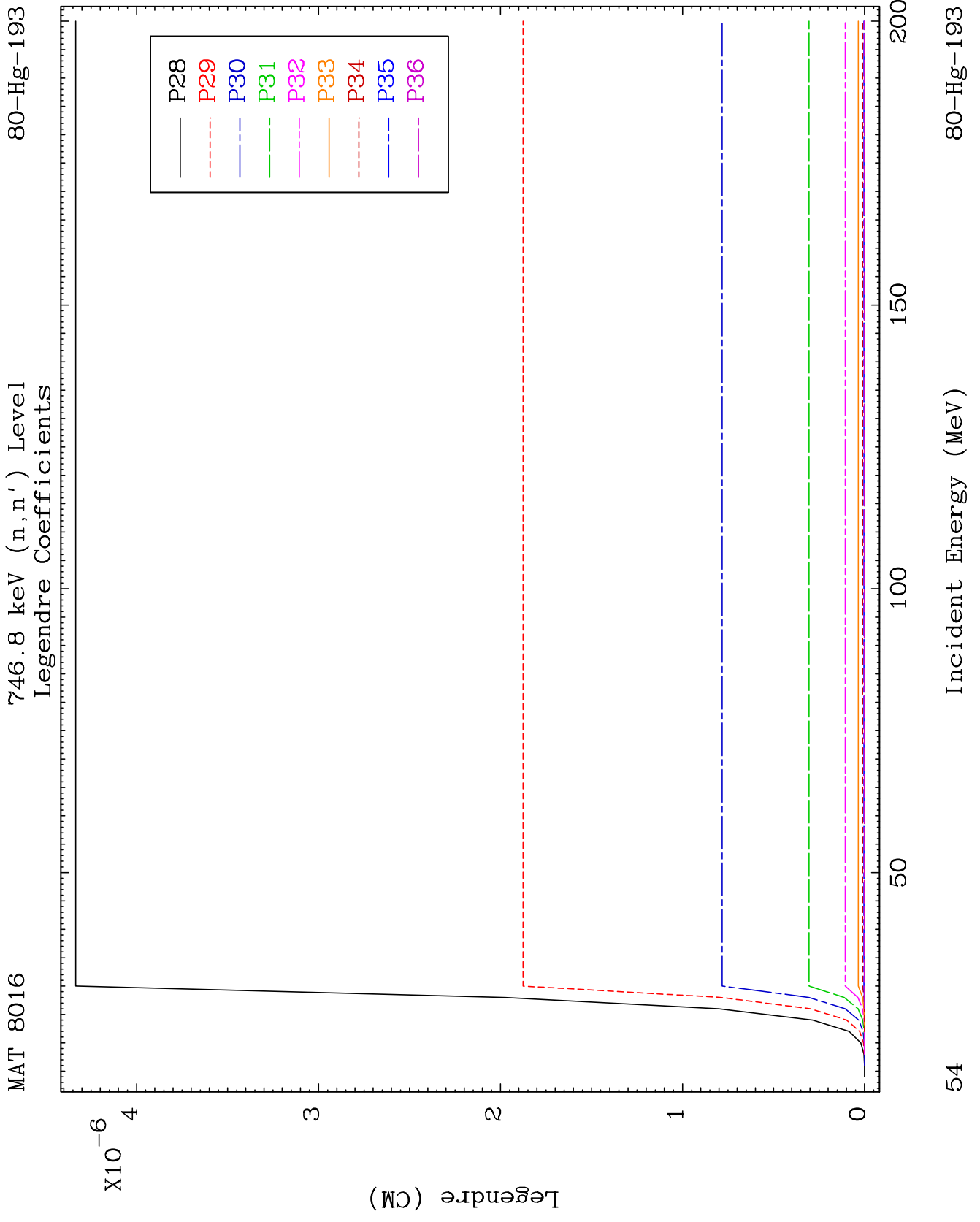
80-Hg-193

Incident Energy (MeV)

51







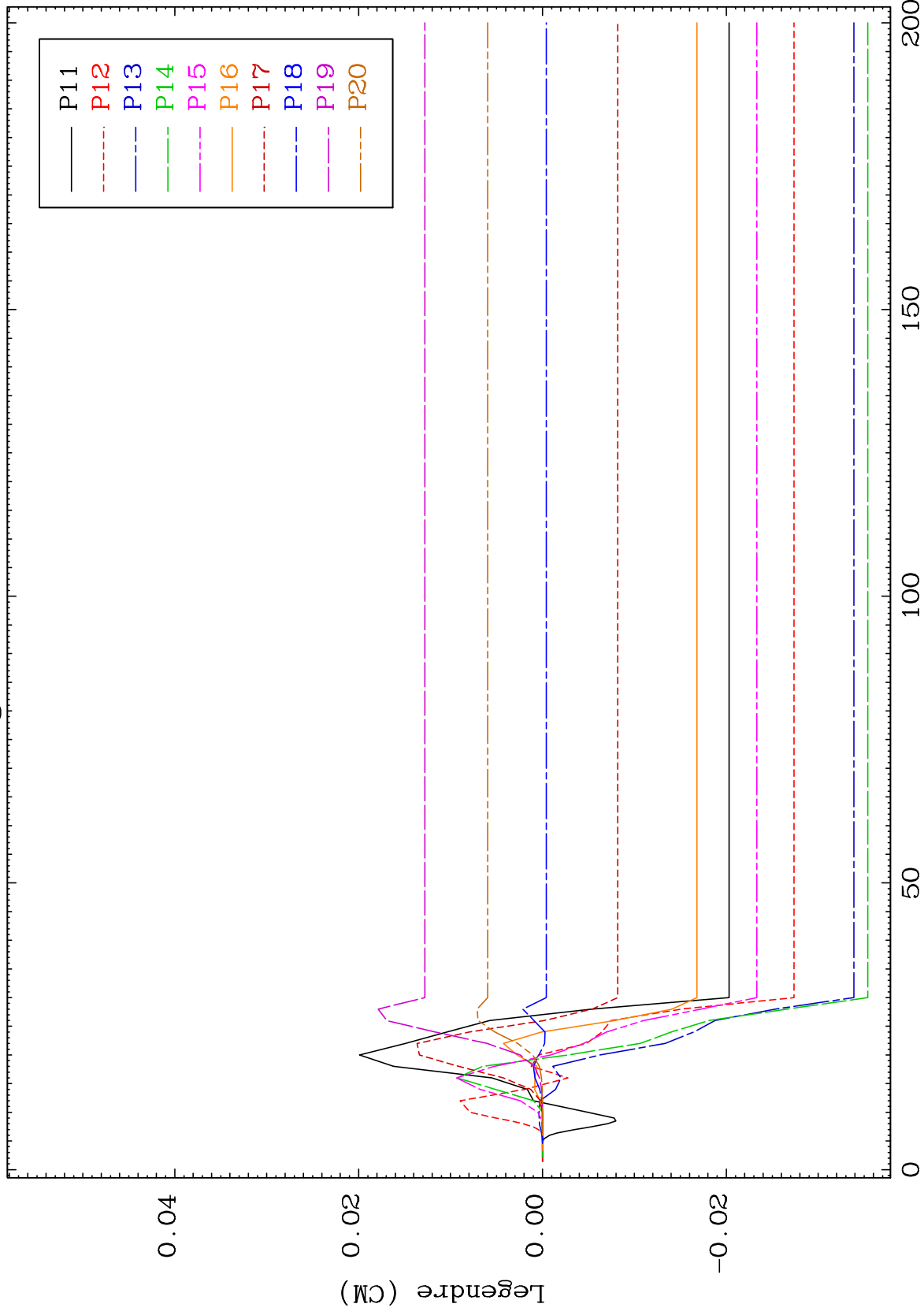




MAT 8016

752.6 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



56

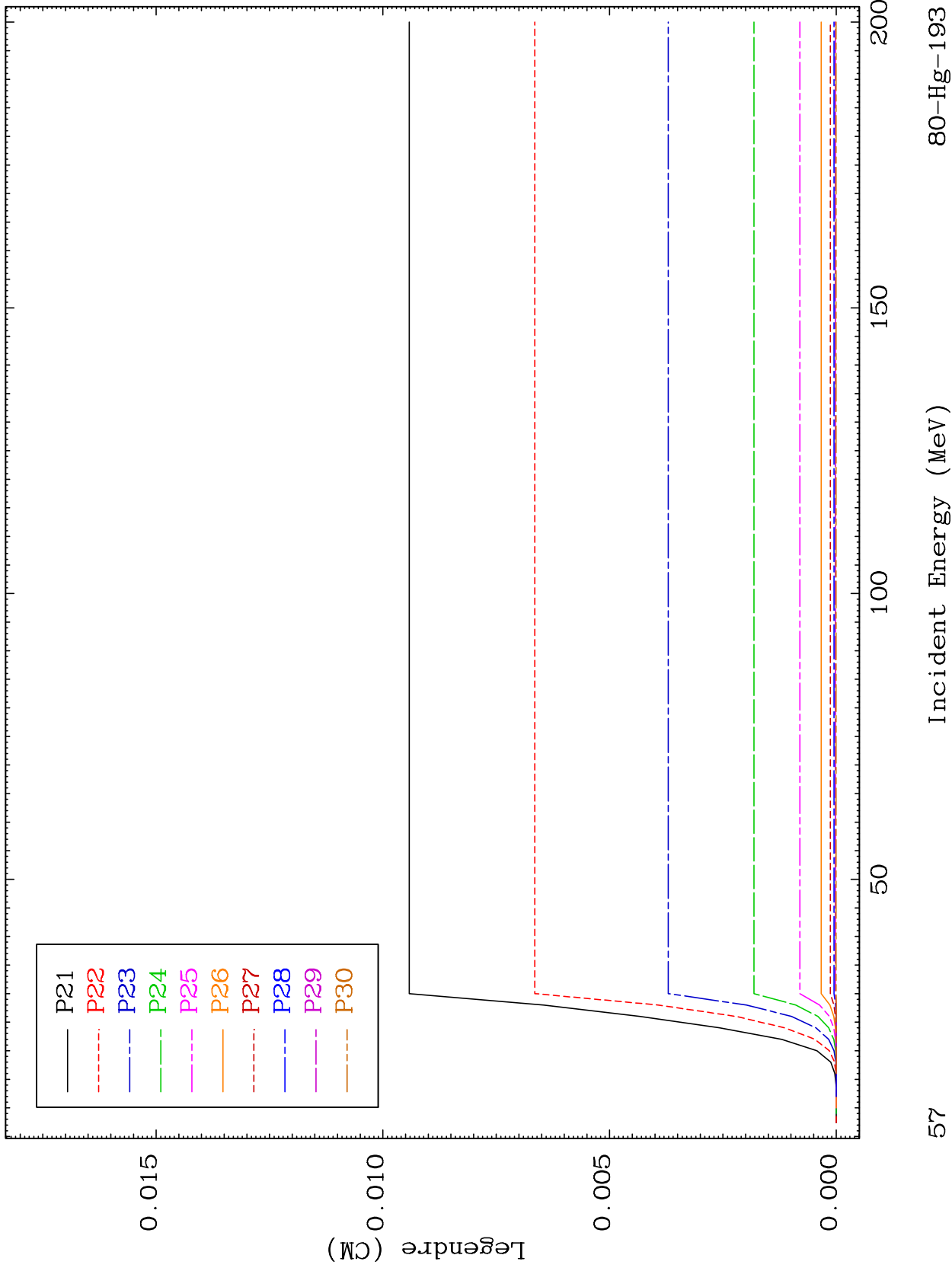
Incident Energy (MeV)

80-Hg-193

MAT 8016

752.6 keV (n,n') Level  
Legendre Coefficients

80-Hg-193



57

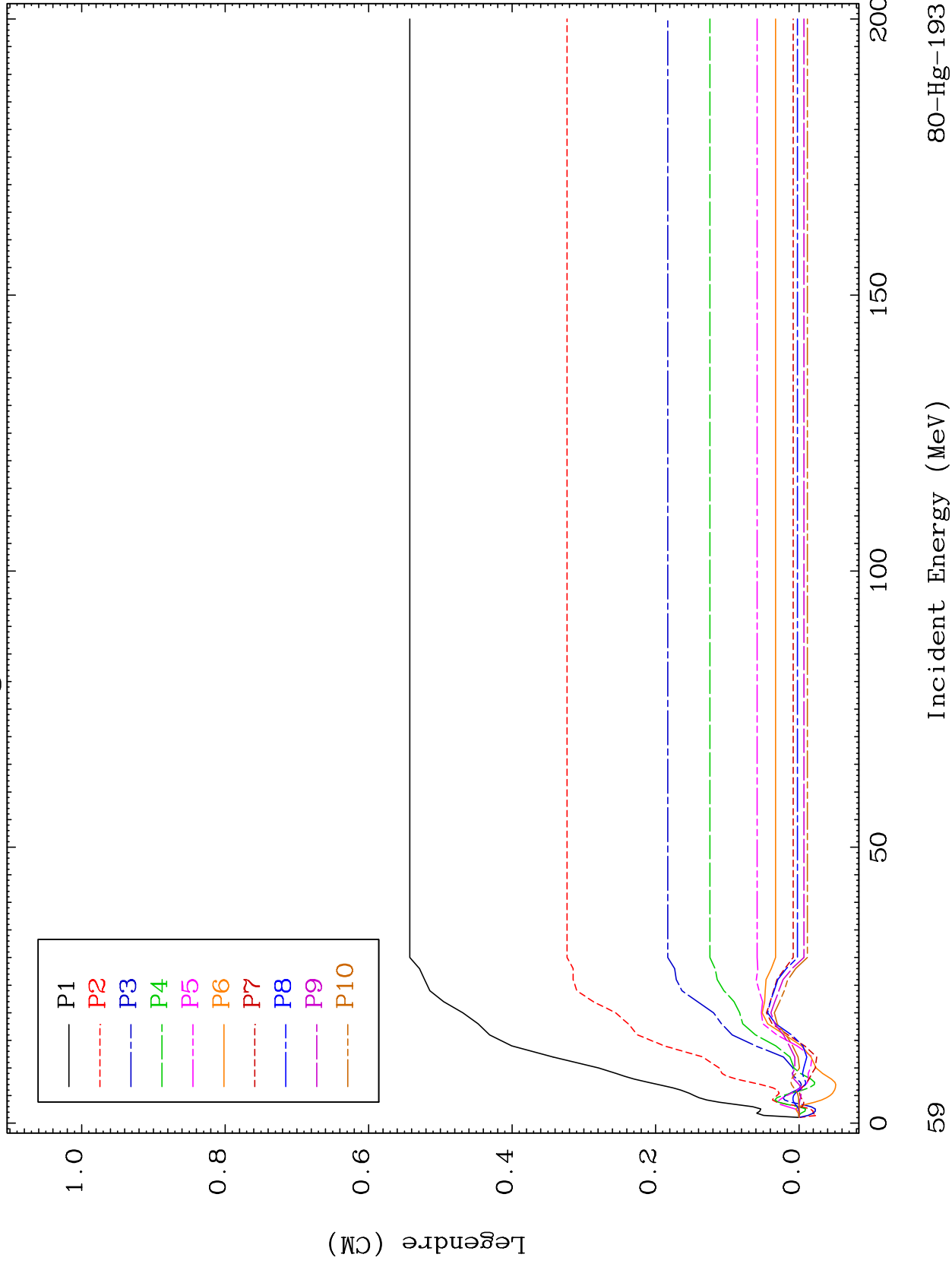
80-Hg-193



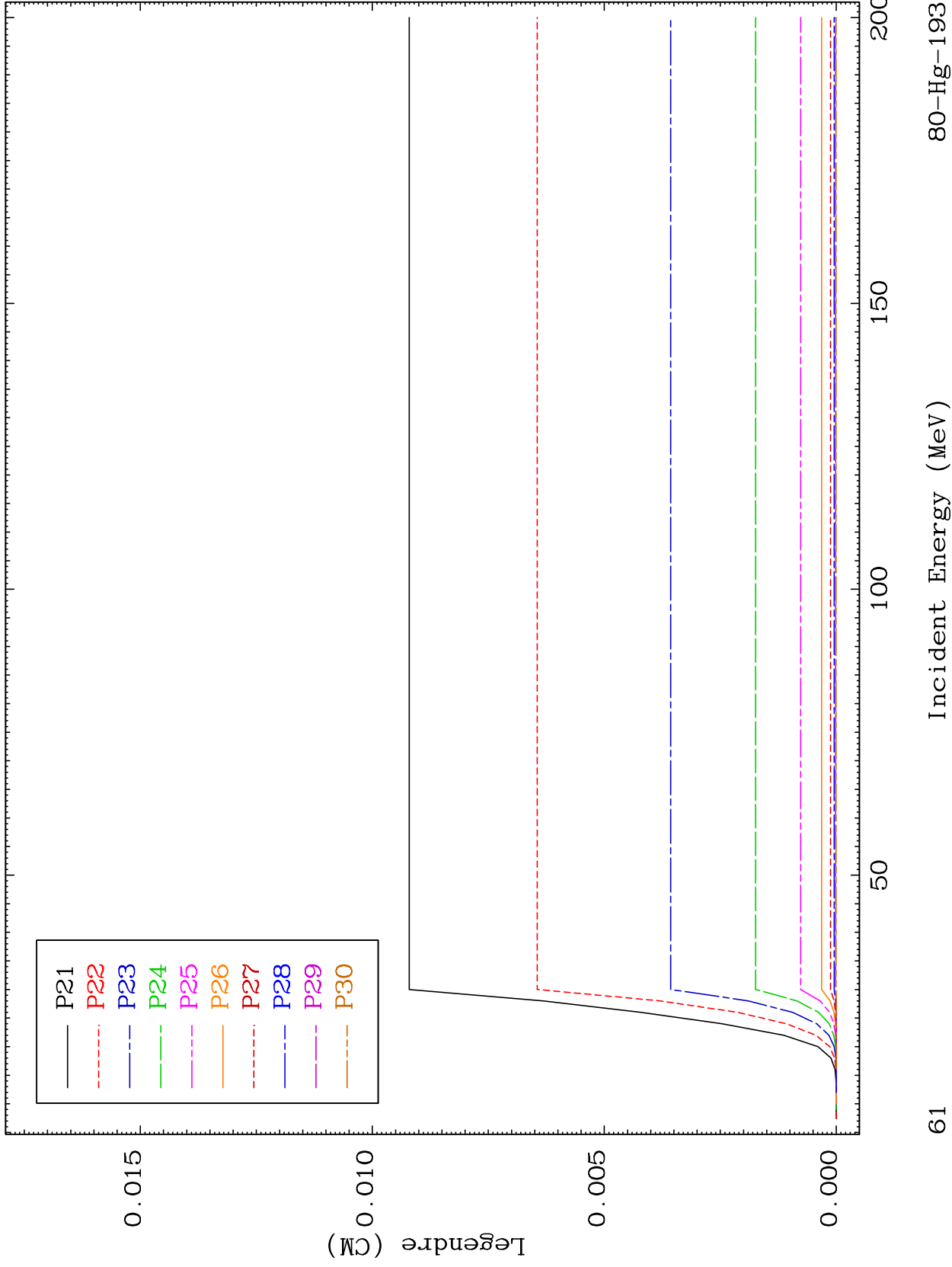
MAT 8016

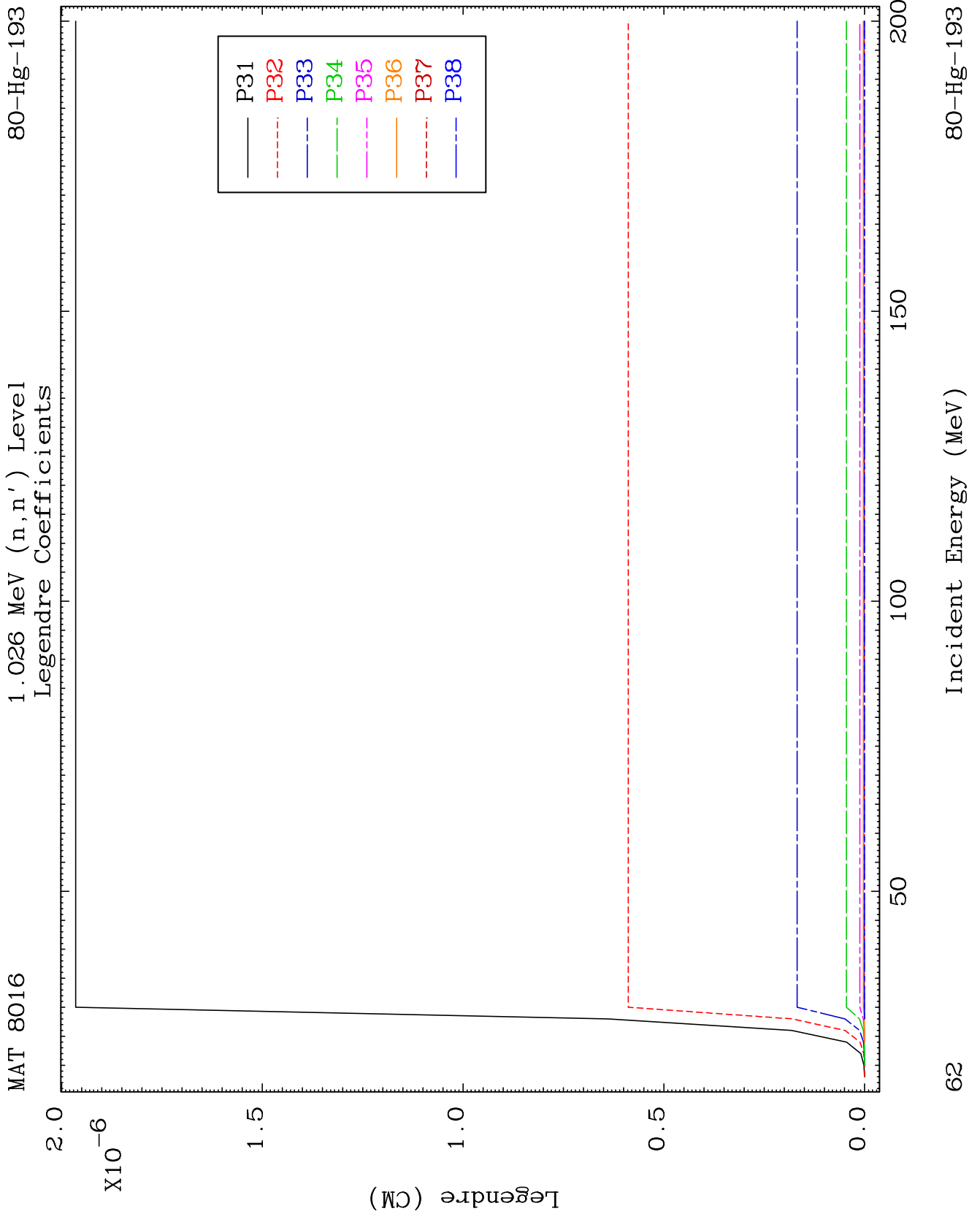
1.026 MeV (n,n') Level  
Legendre Coefficients

80-Hg-193





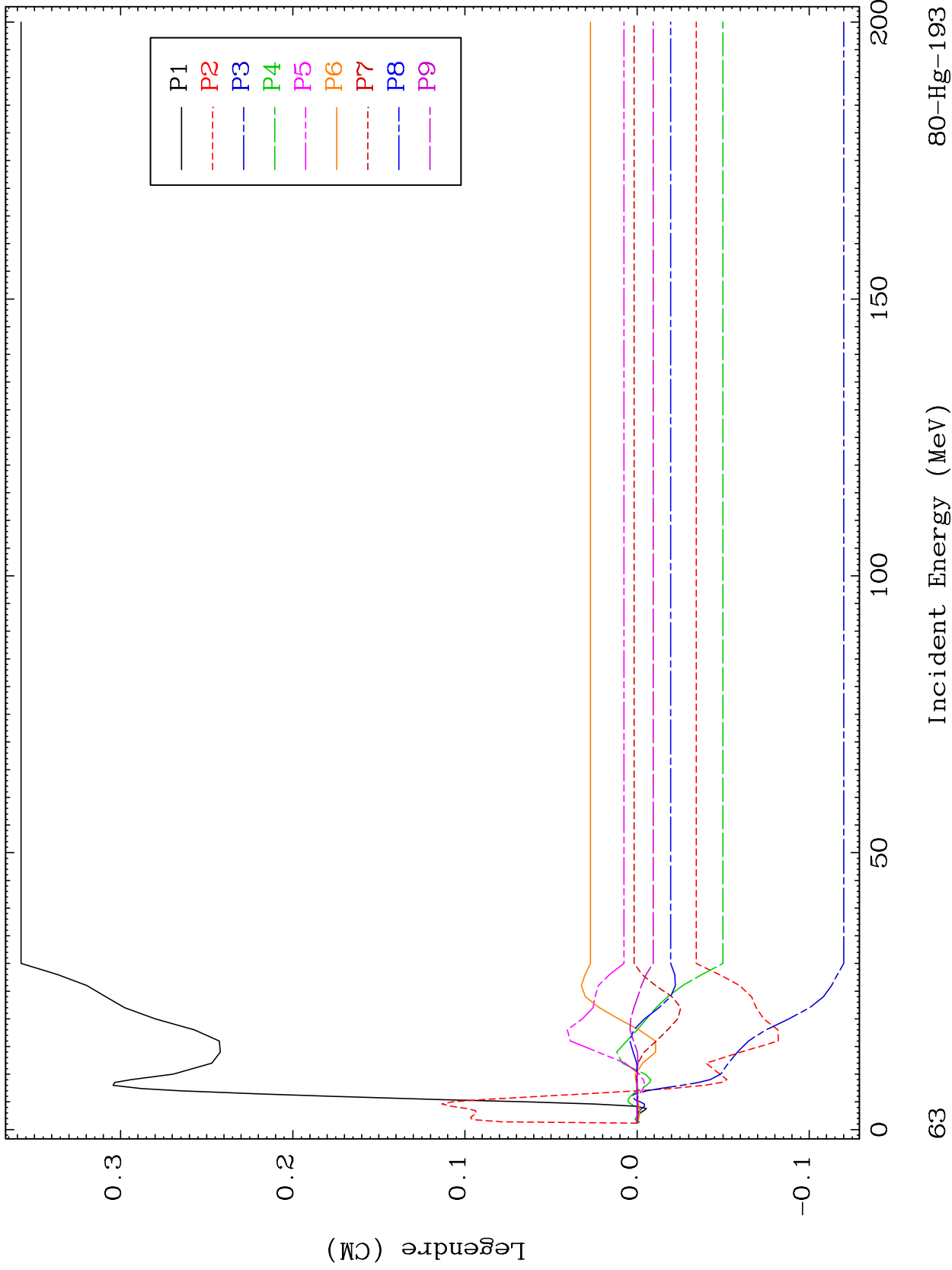




MAT 8016

1.145 MeV (n,n') Level  
Legendre Coefficients

80-Hg-193

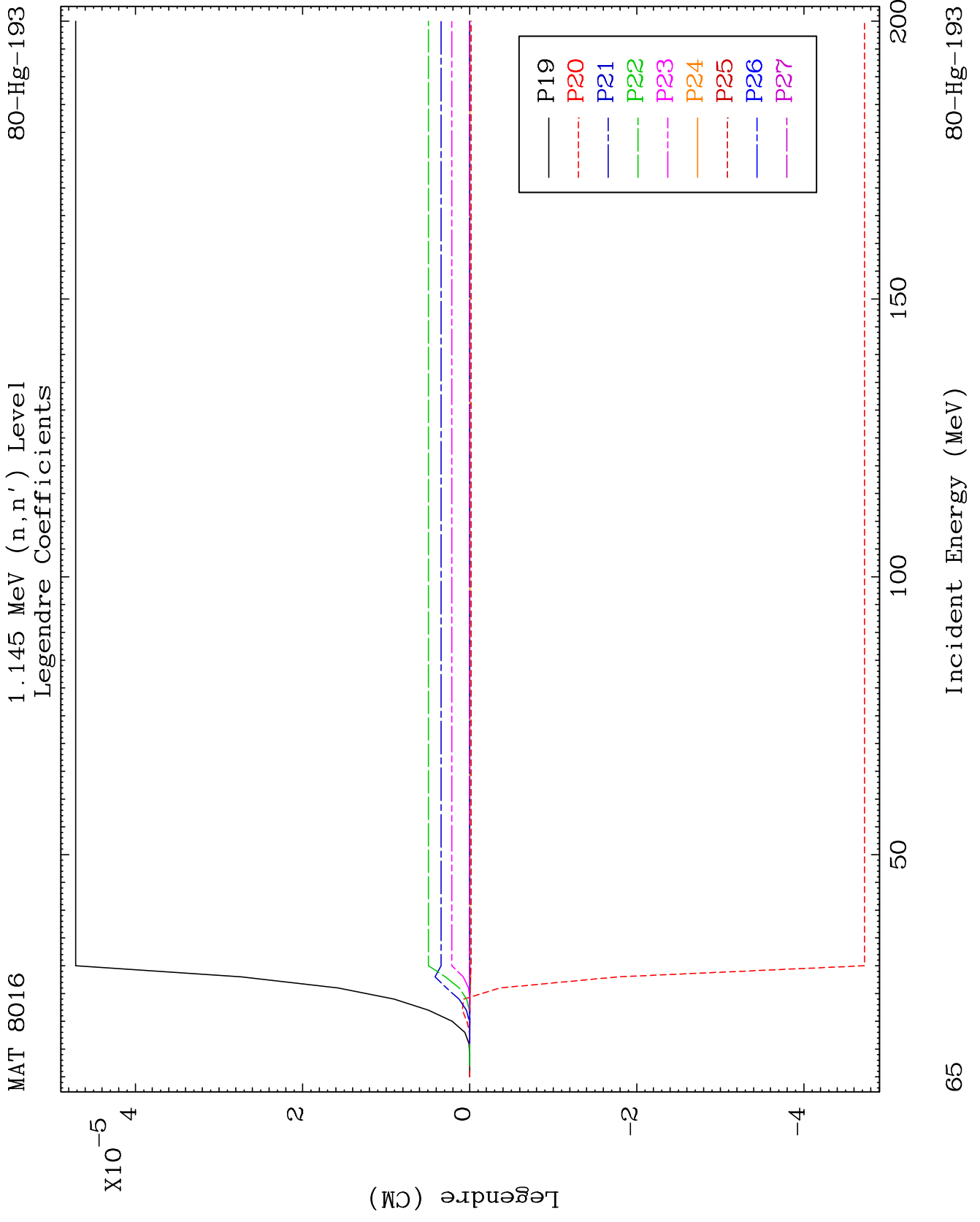


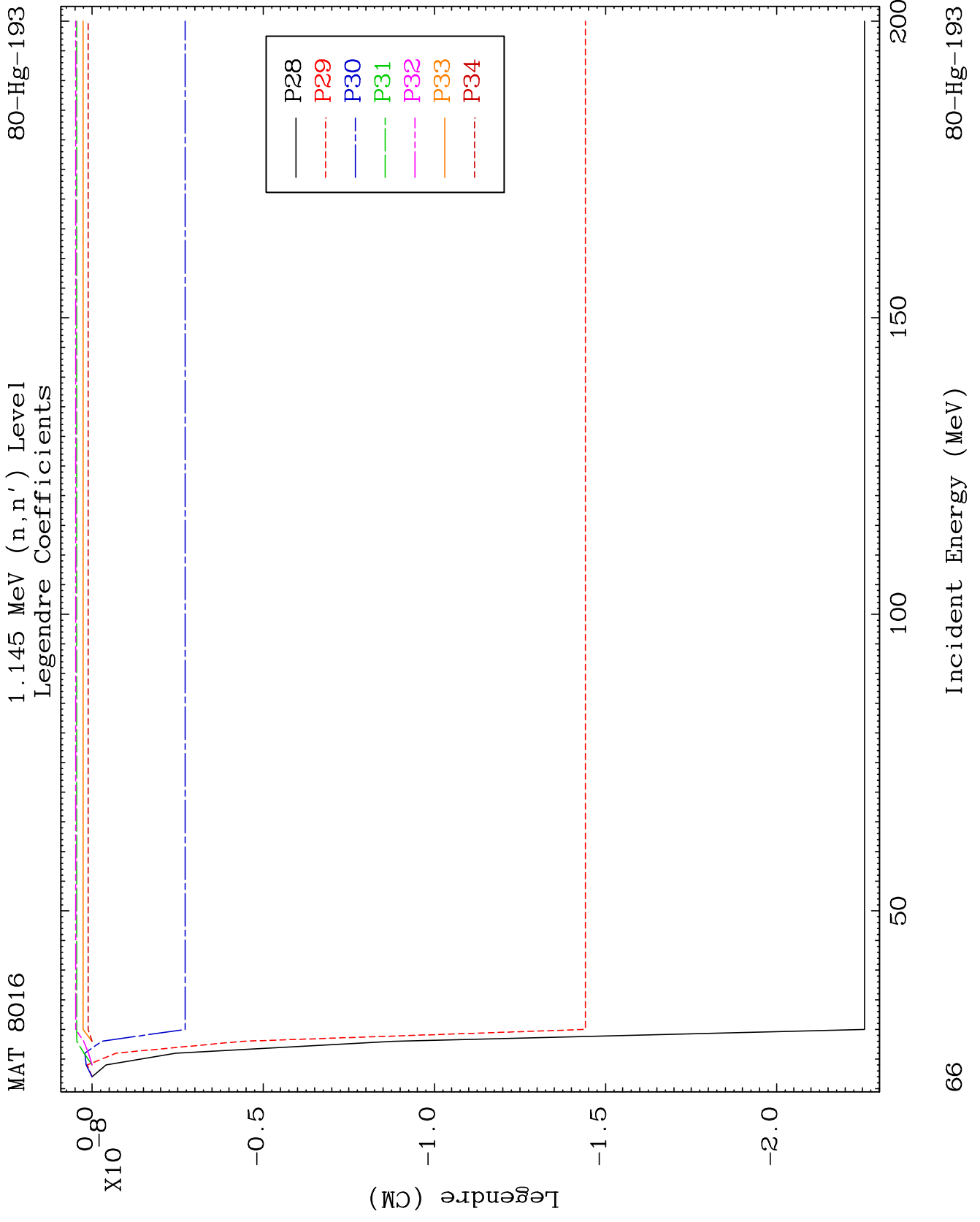
63

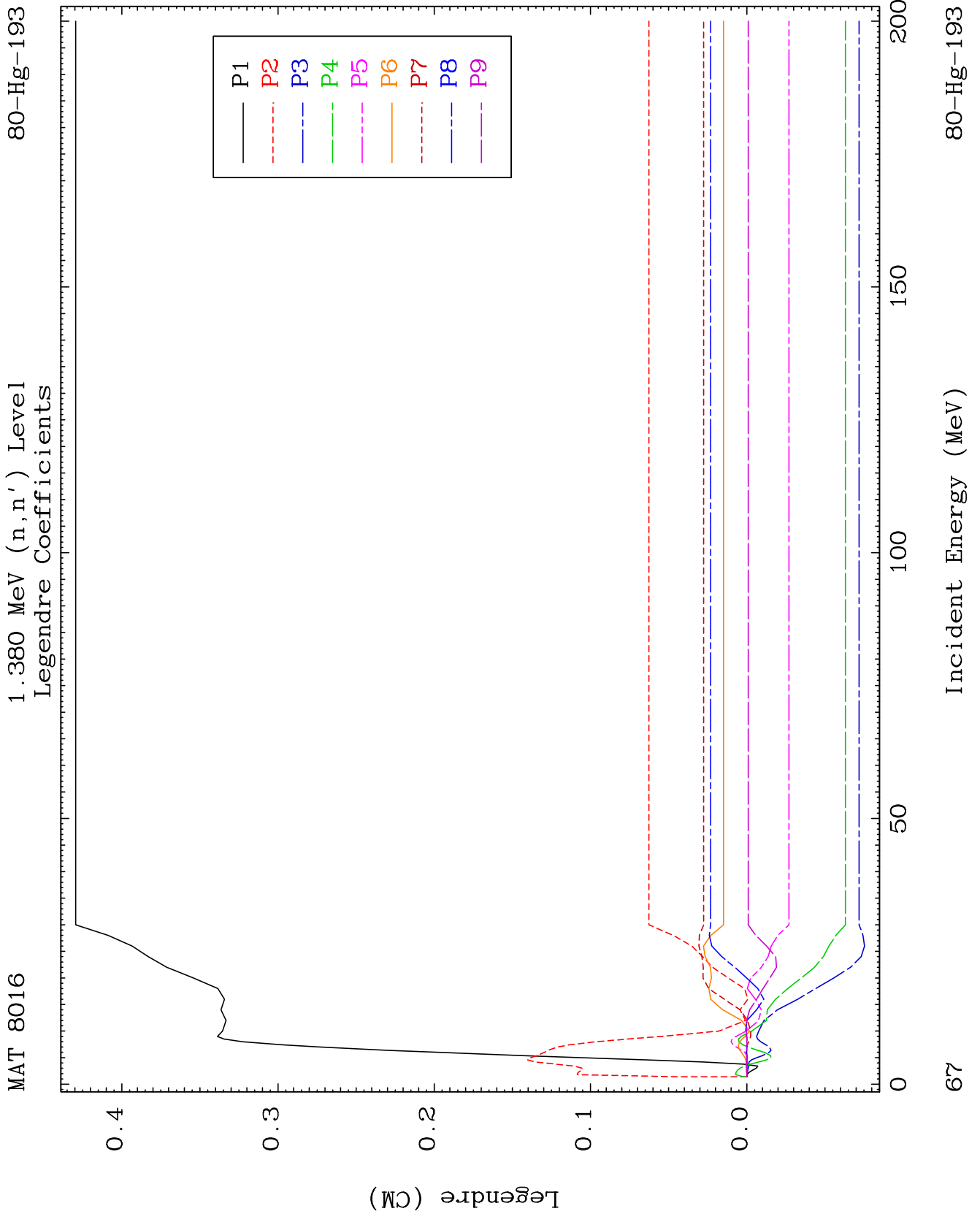
80-Hg-193

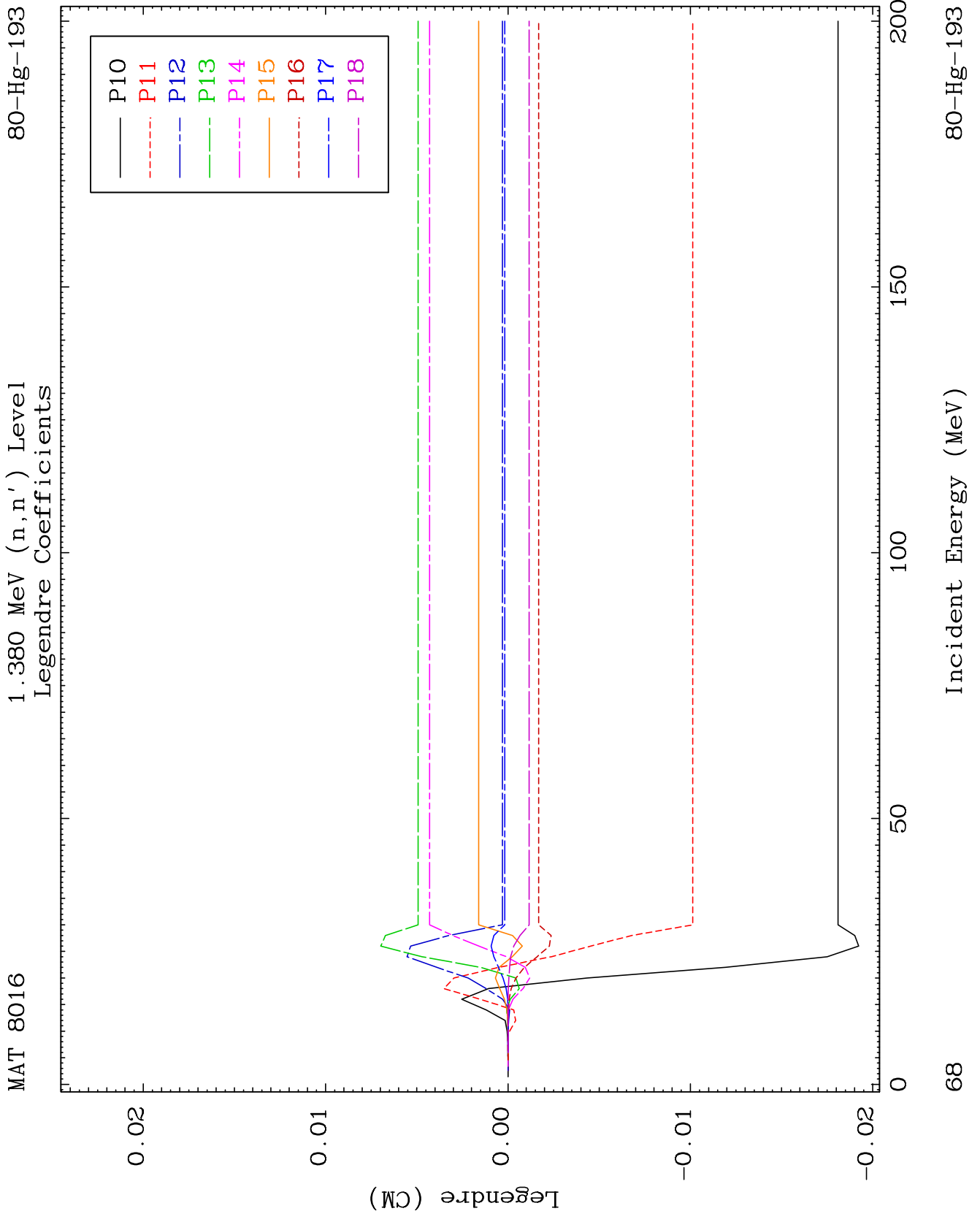








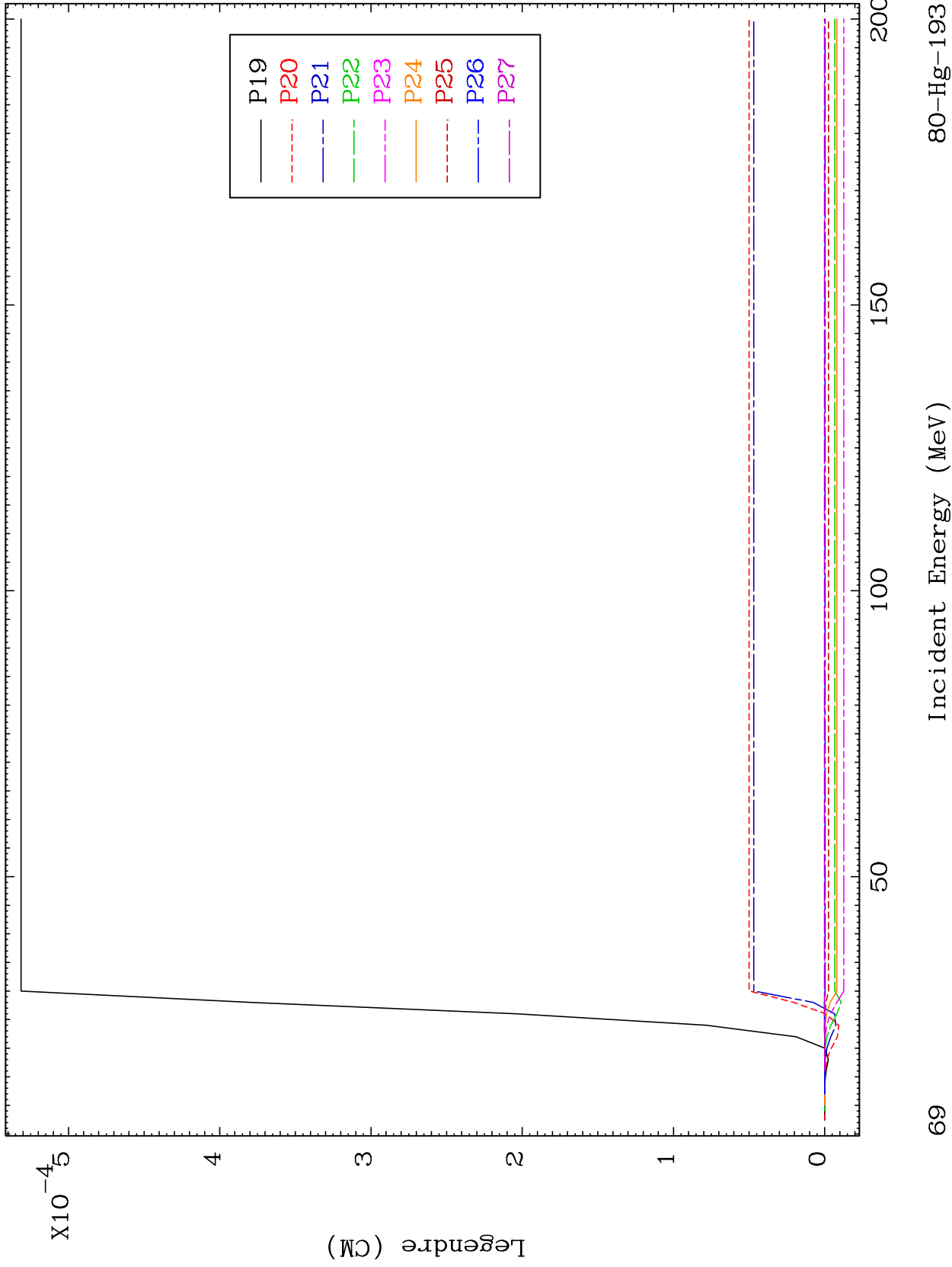




MAT 8016

1.380 MeV (n,n') Level  
Legendre Coefficients

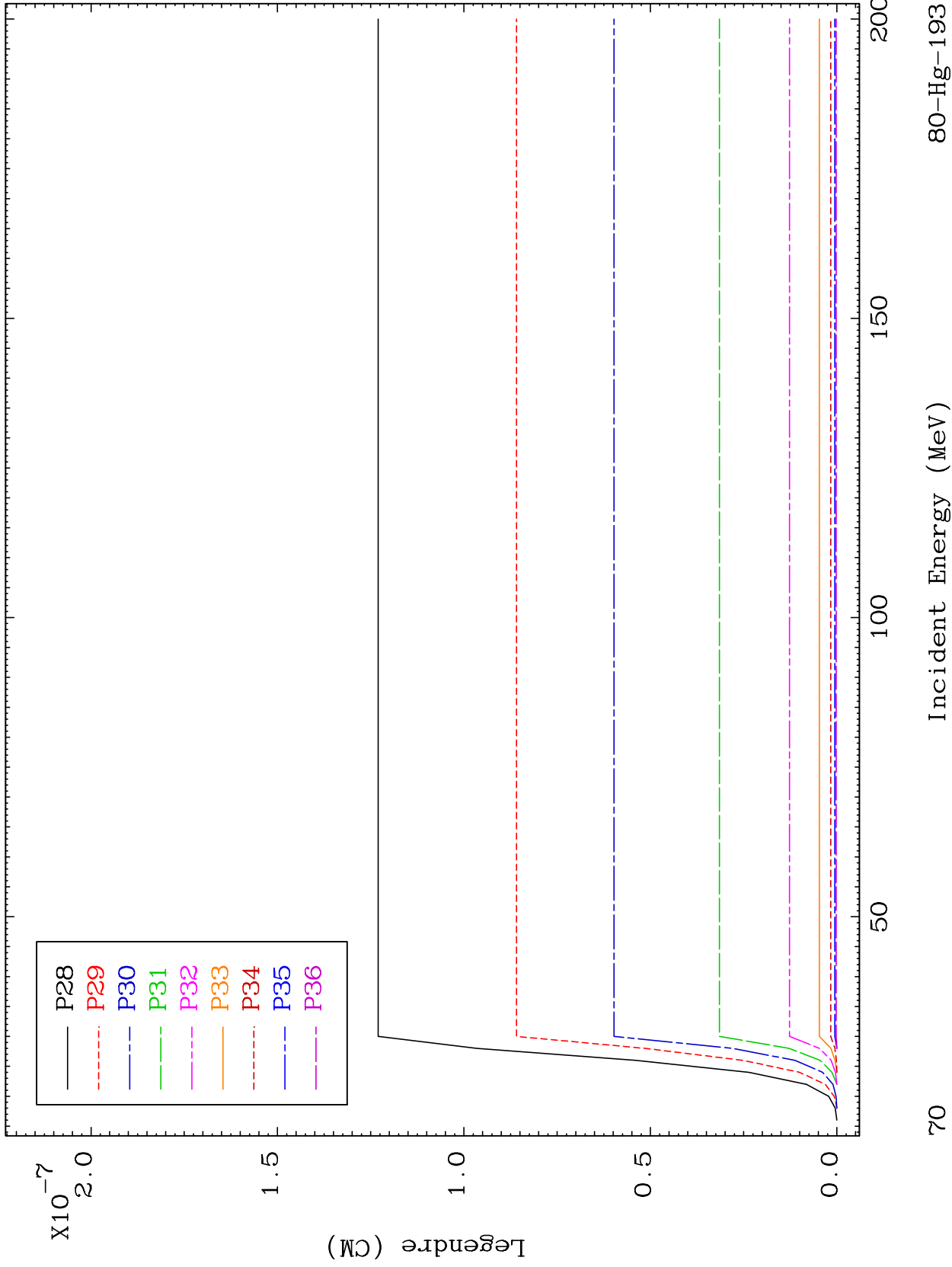
80-Hg-193



MAT 8016

1.380 MeV (n,n') Level  
Legendre Coefficients

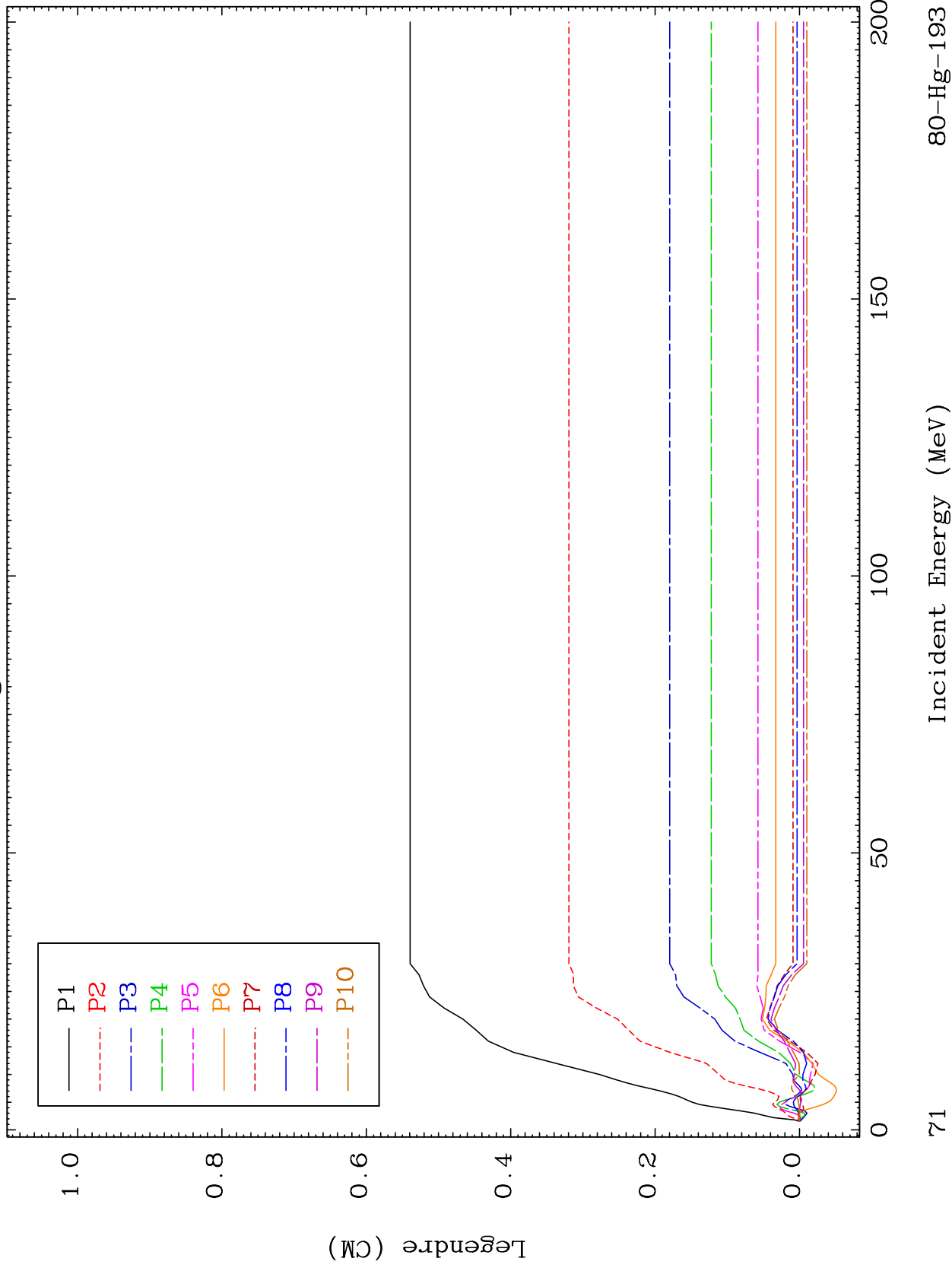
80-Hg-193



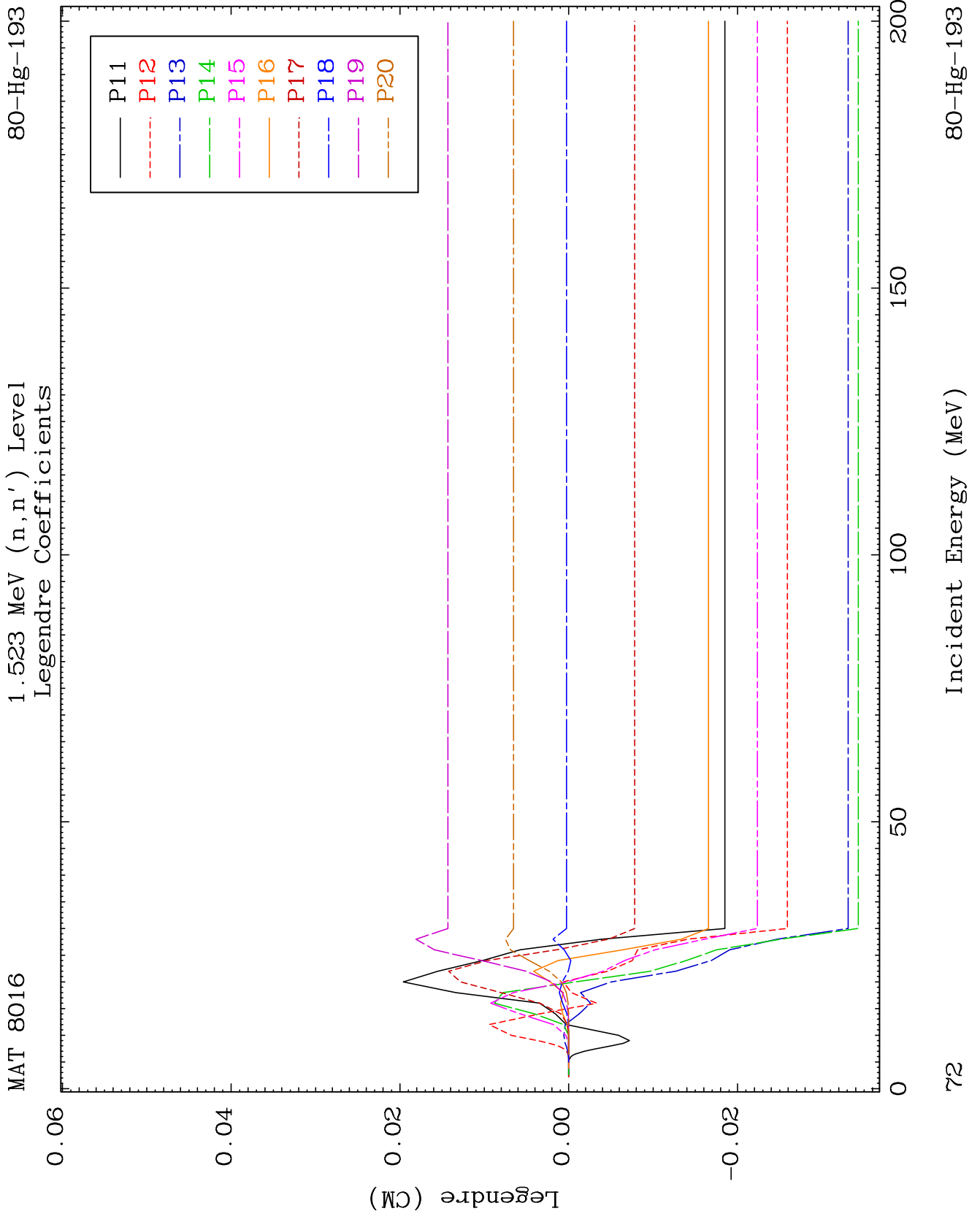
70

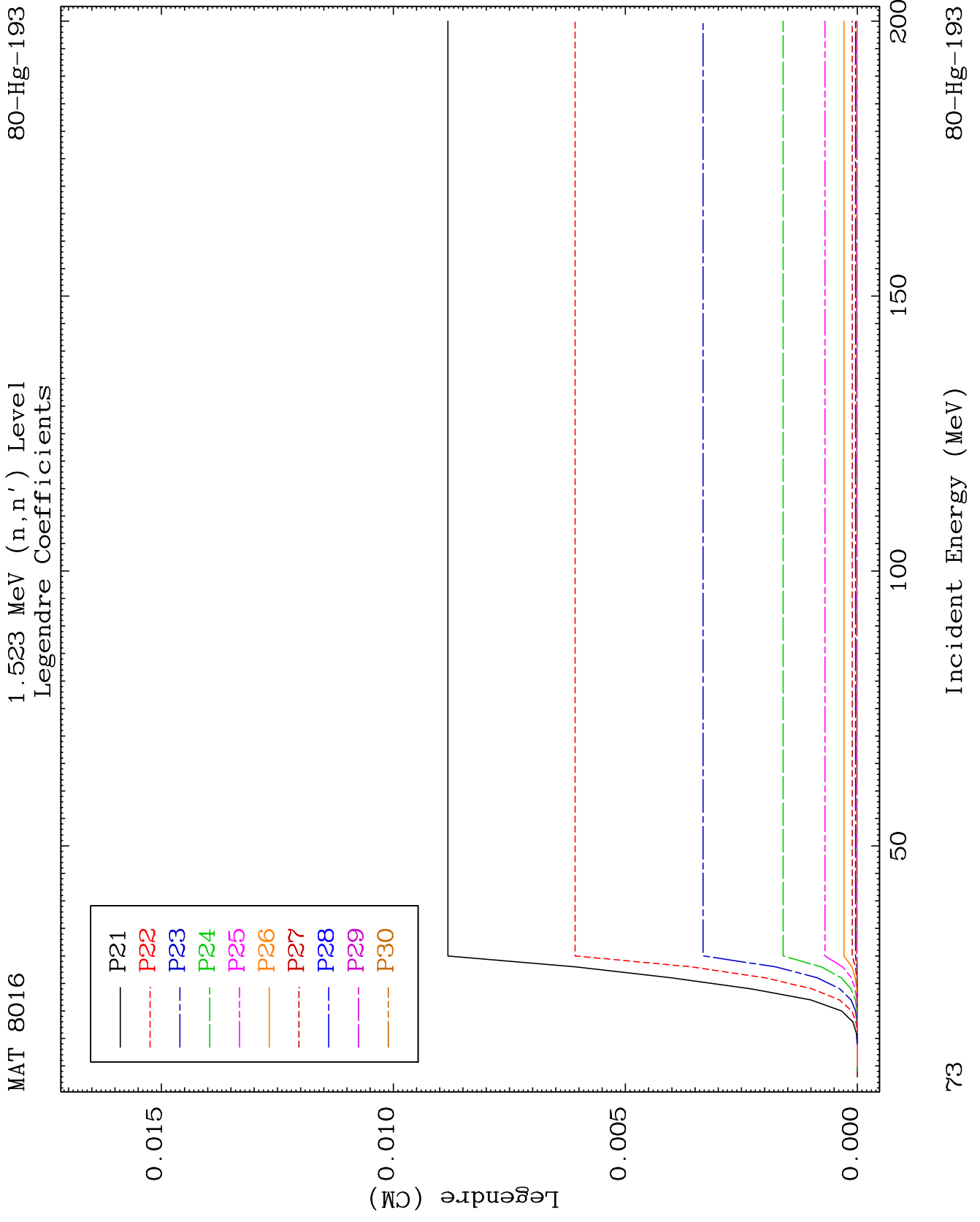
Incident Energy (MeV)

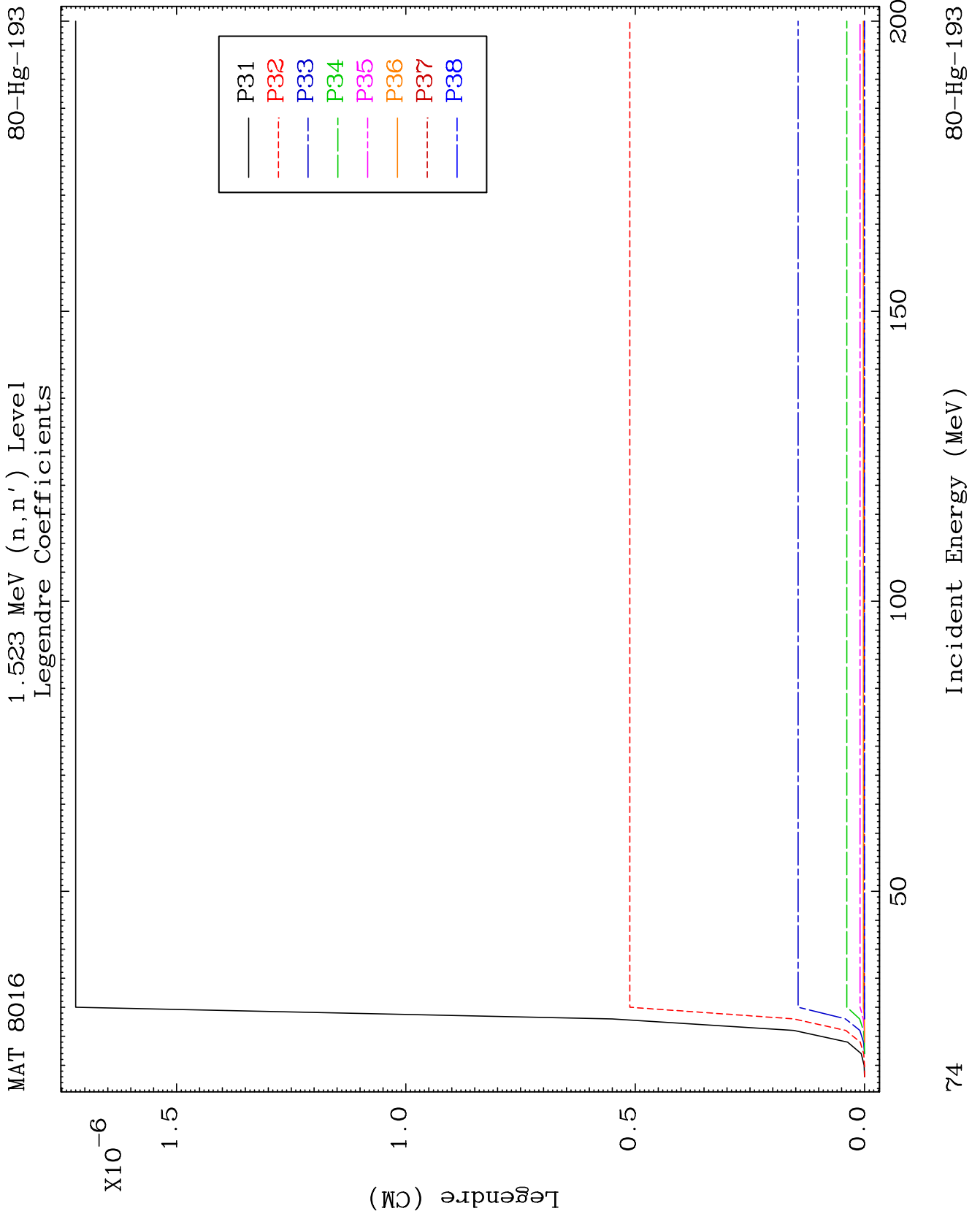
80-Hg-193

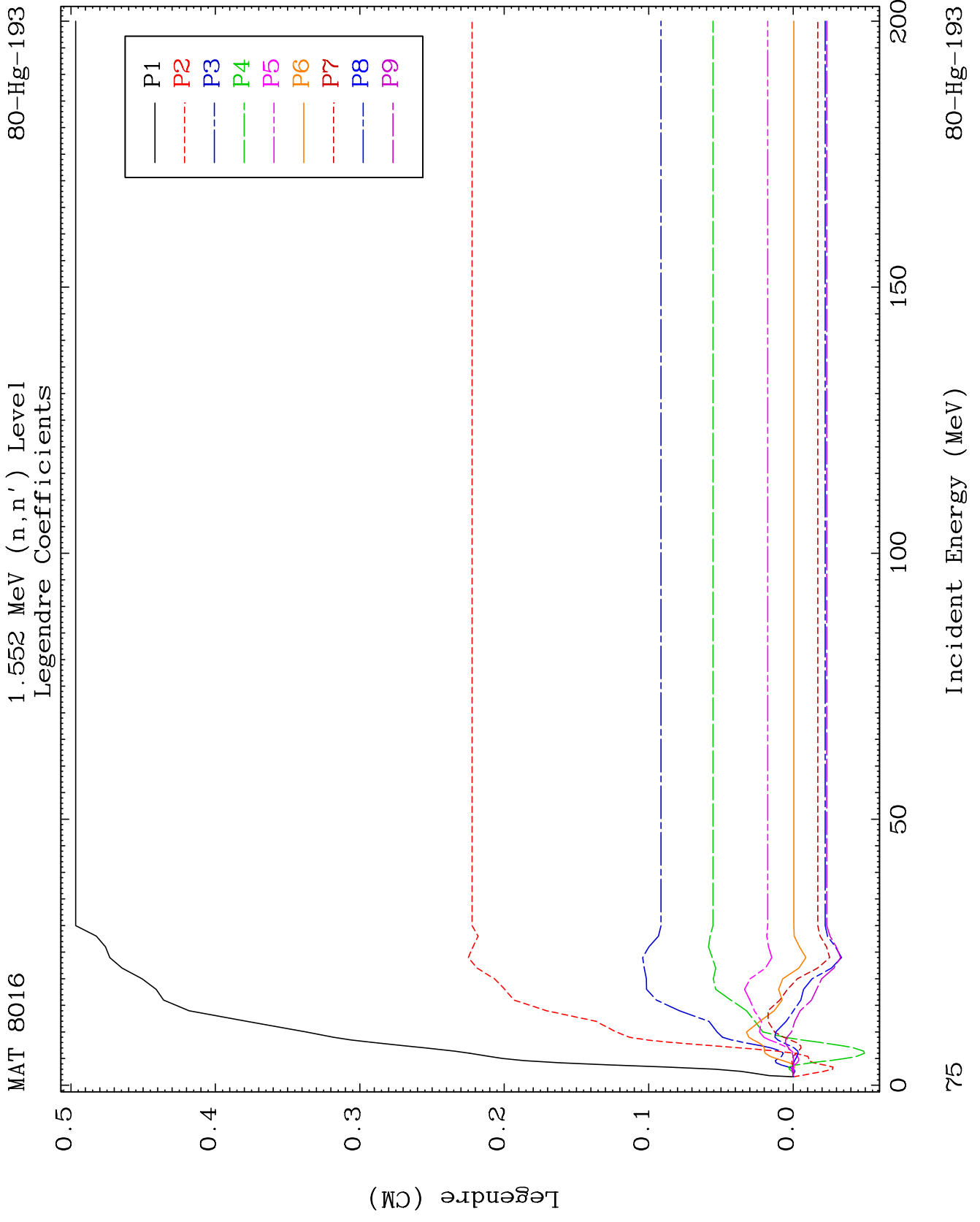








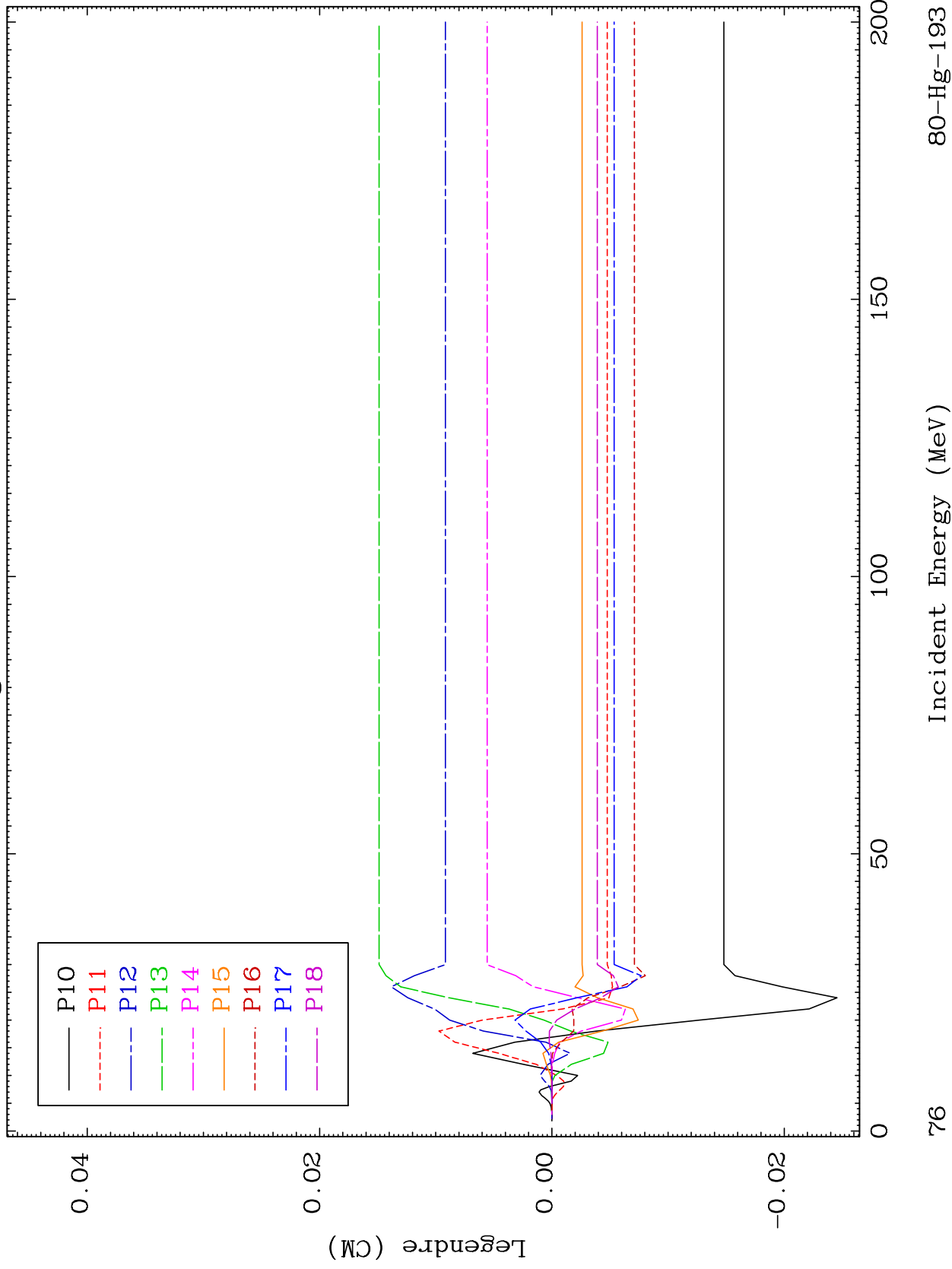




MAT 8016

1.552 MeV (n,n') Level  
Legendre Coefficients

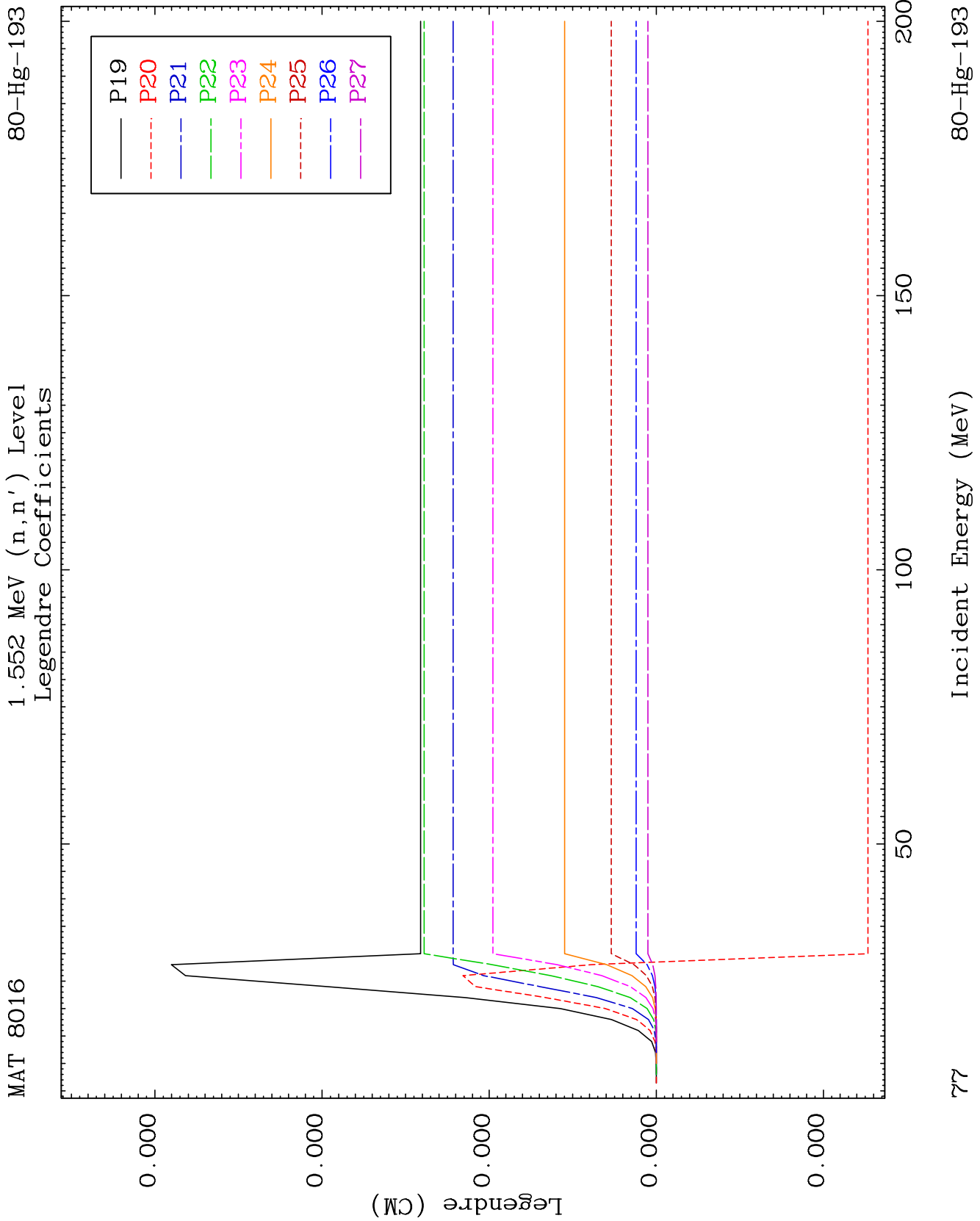
80-Hg-193

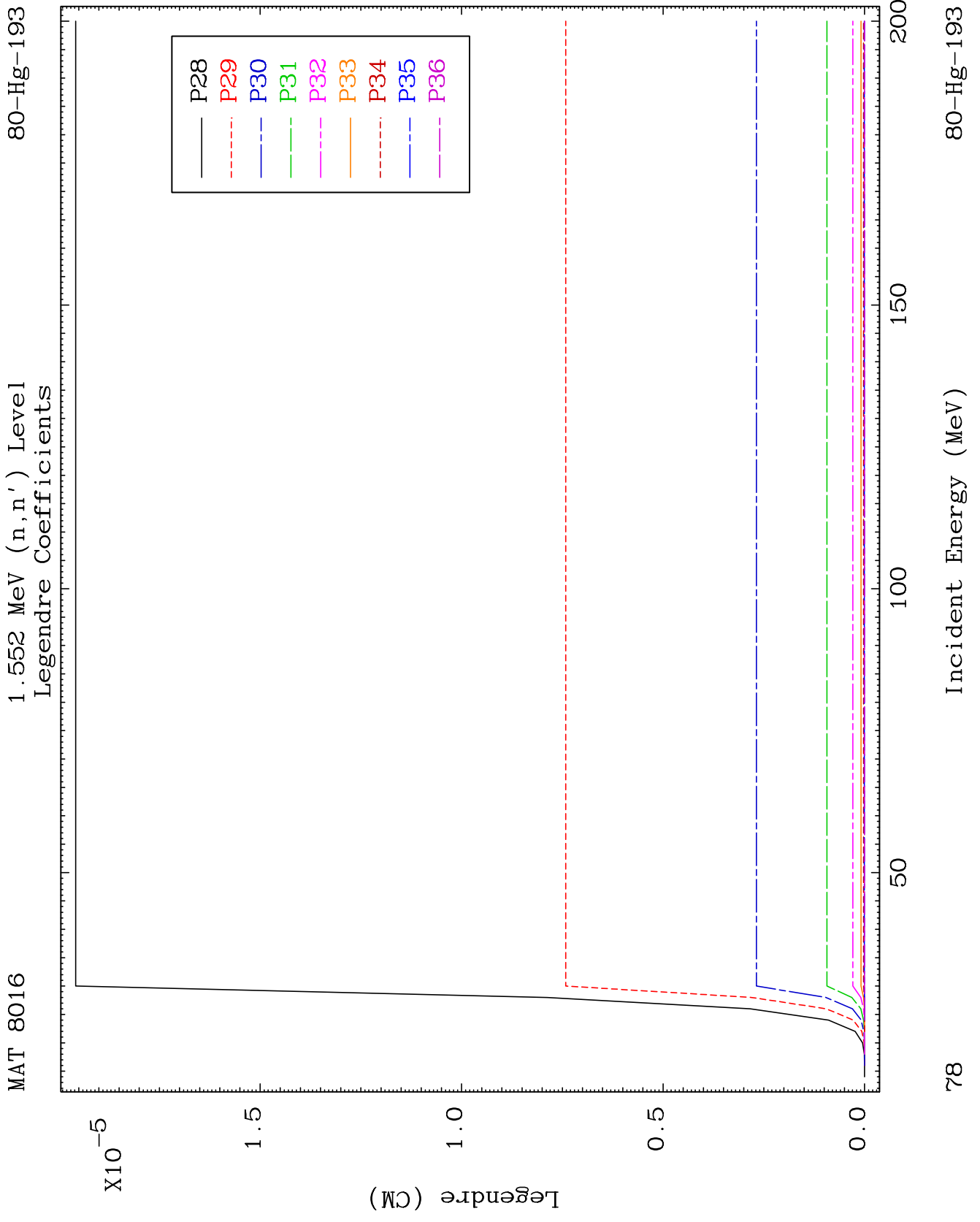


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Incident Energy (MeV)

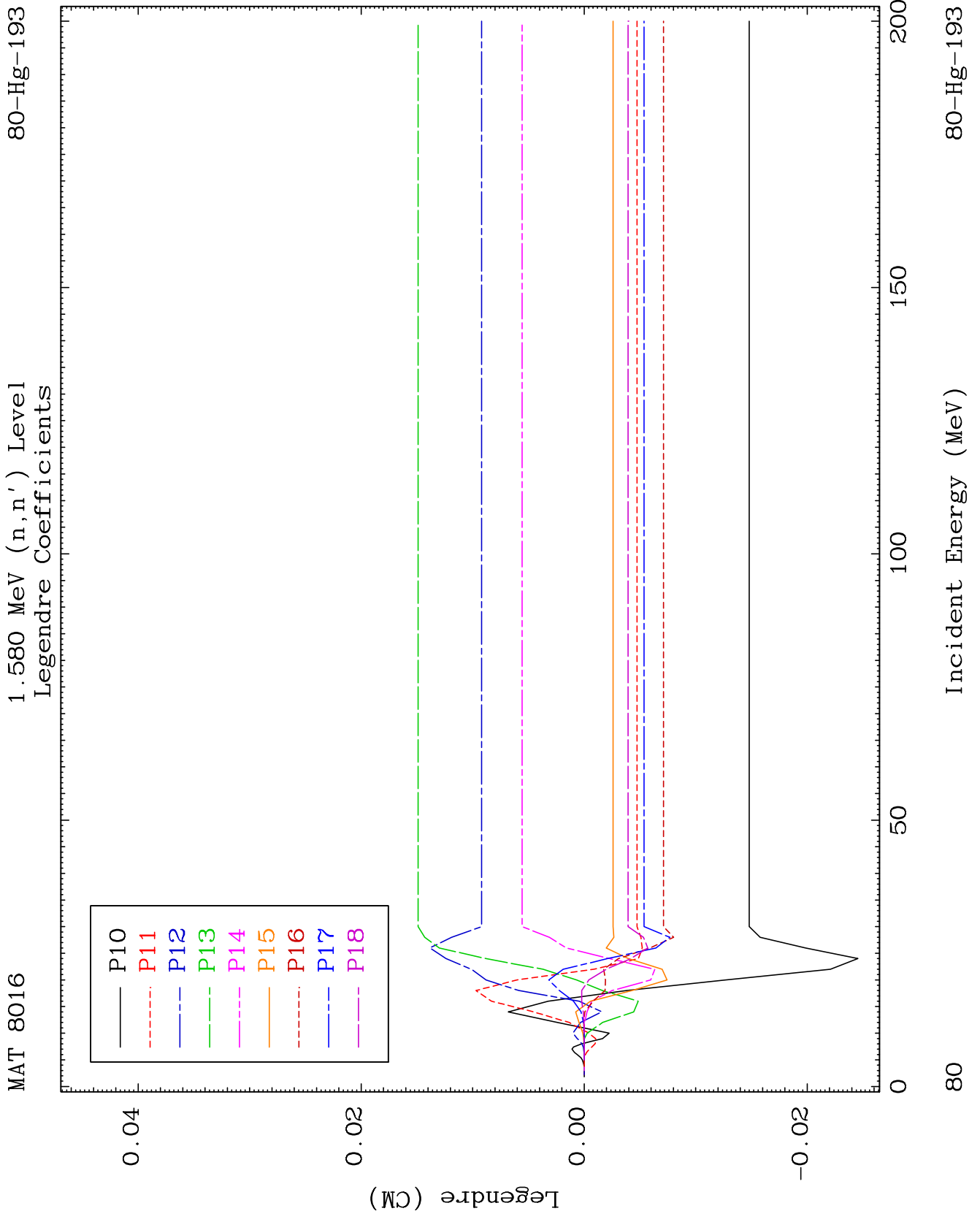
80-Hg-193

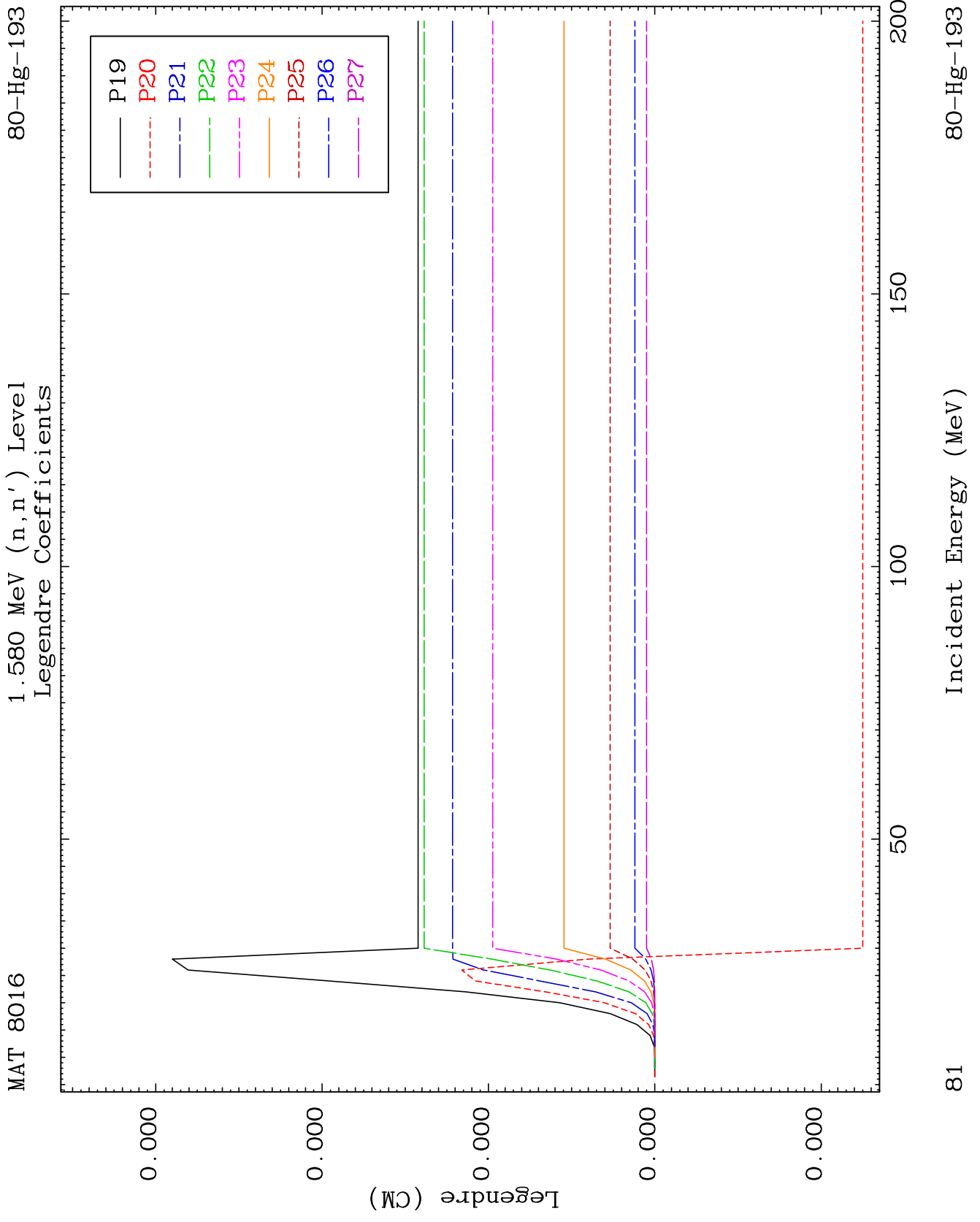


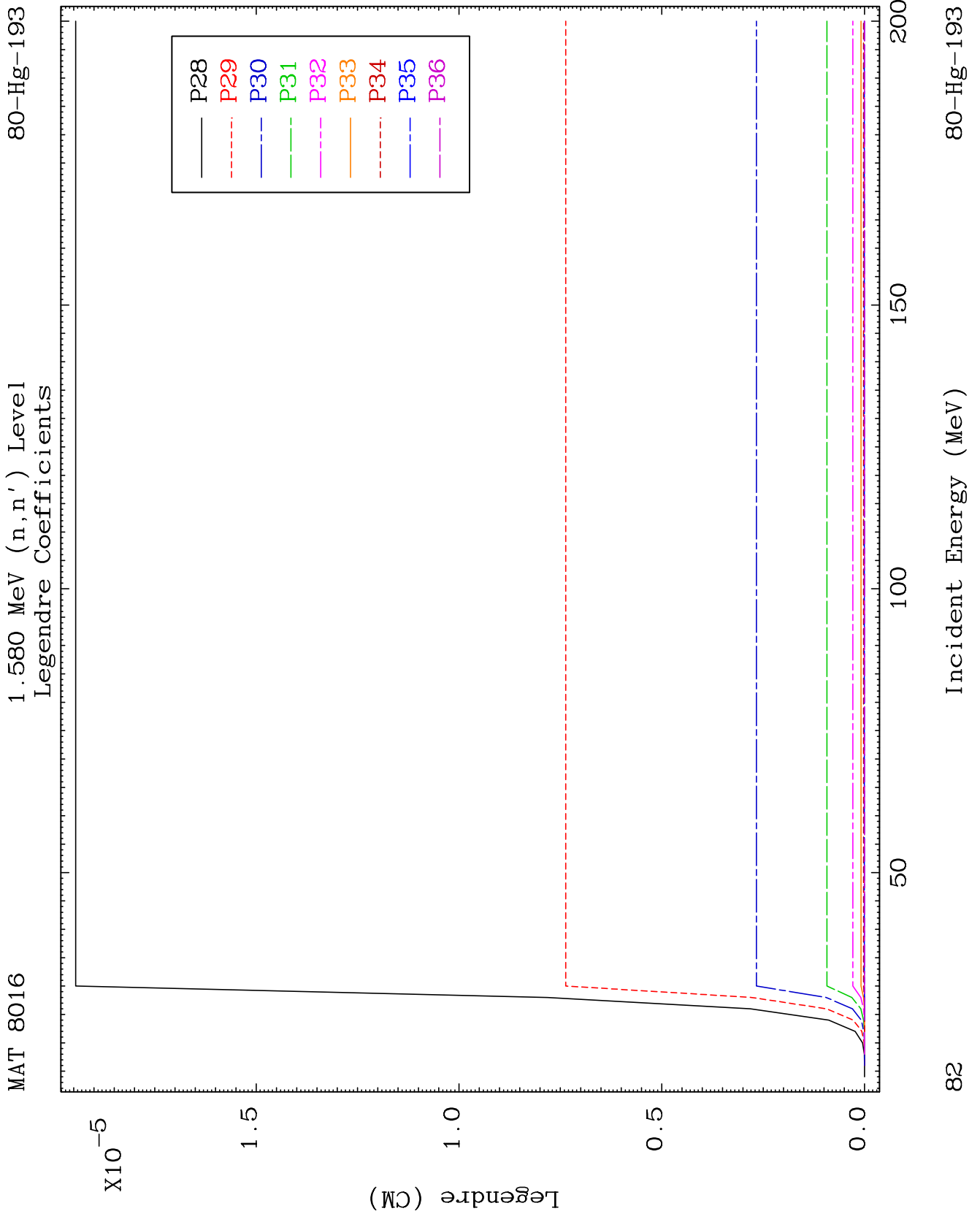




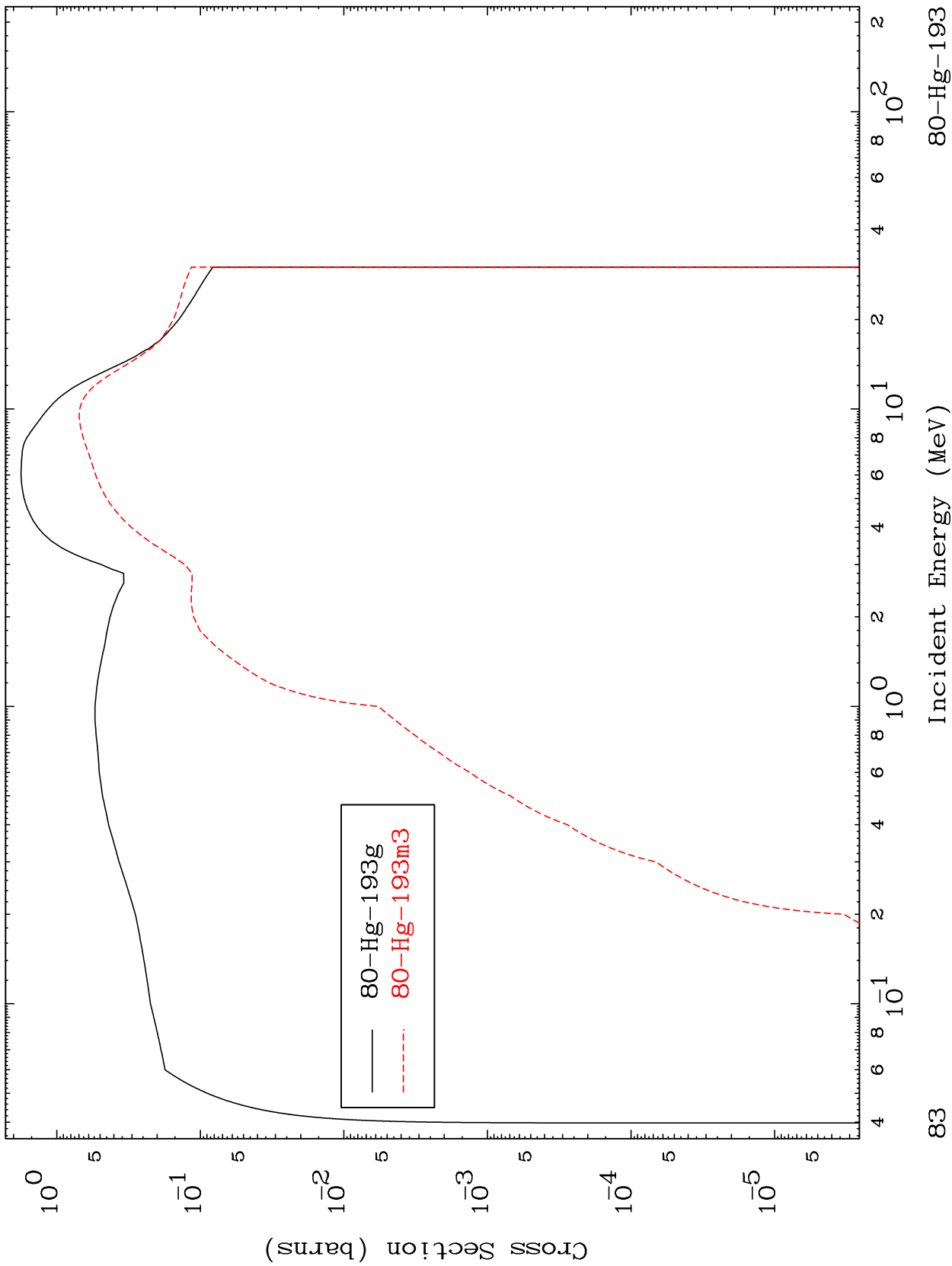








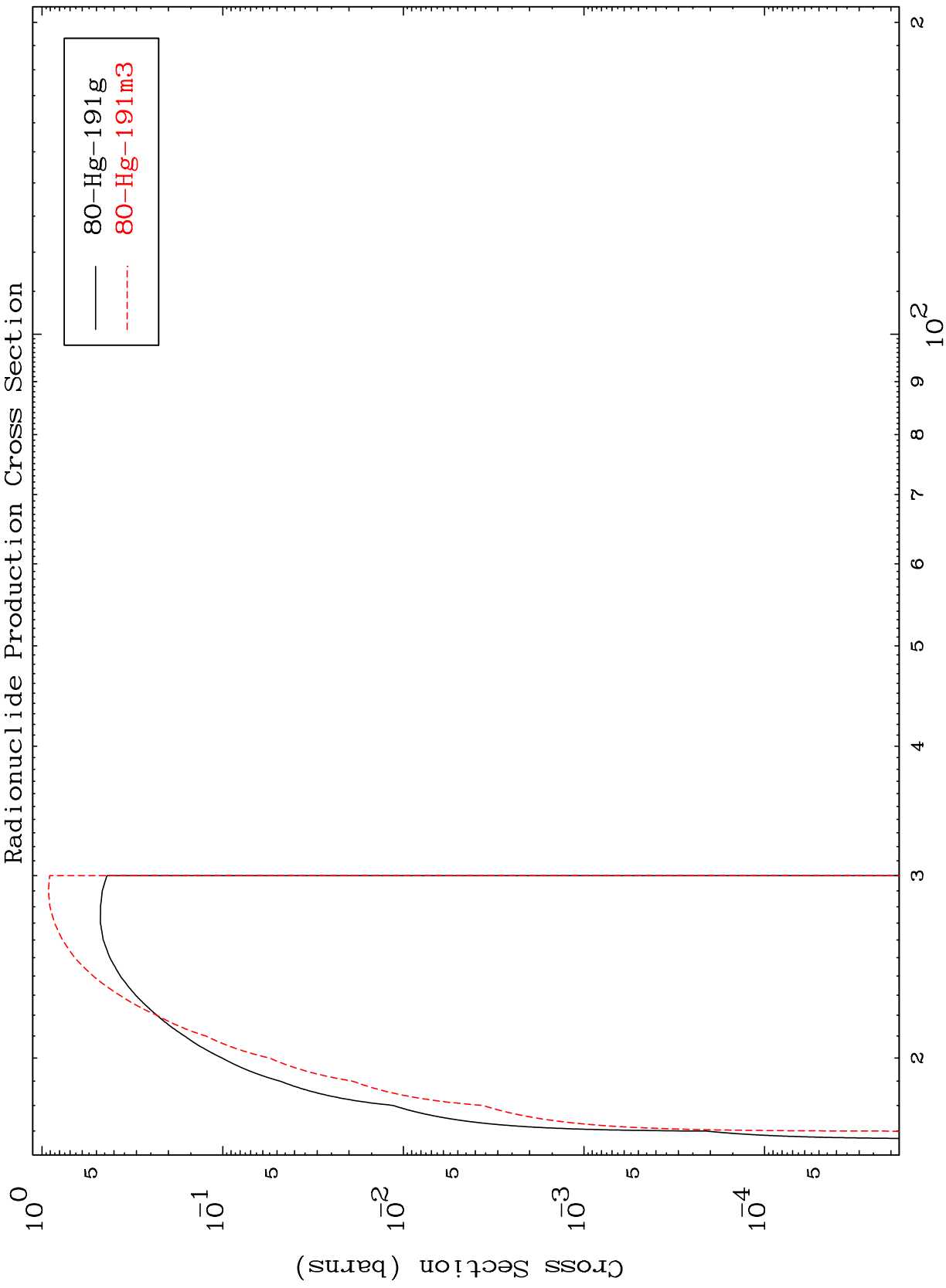
Inelastic  
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

(n,3n)  
Radionuclide Production Cross Section



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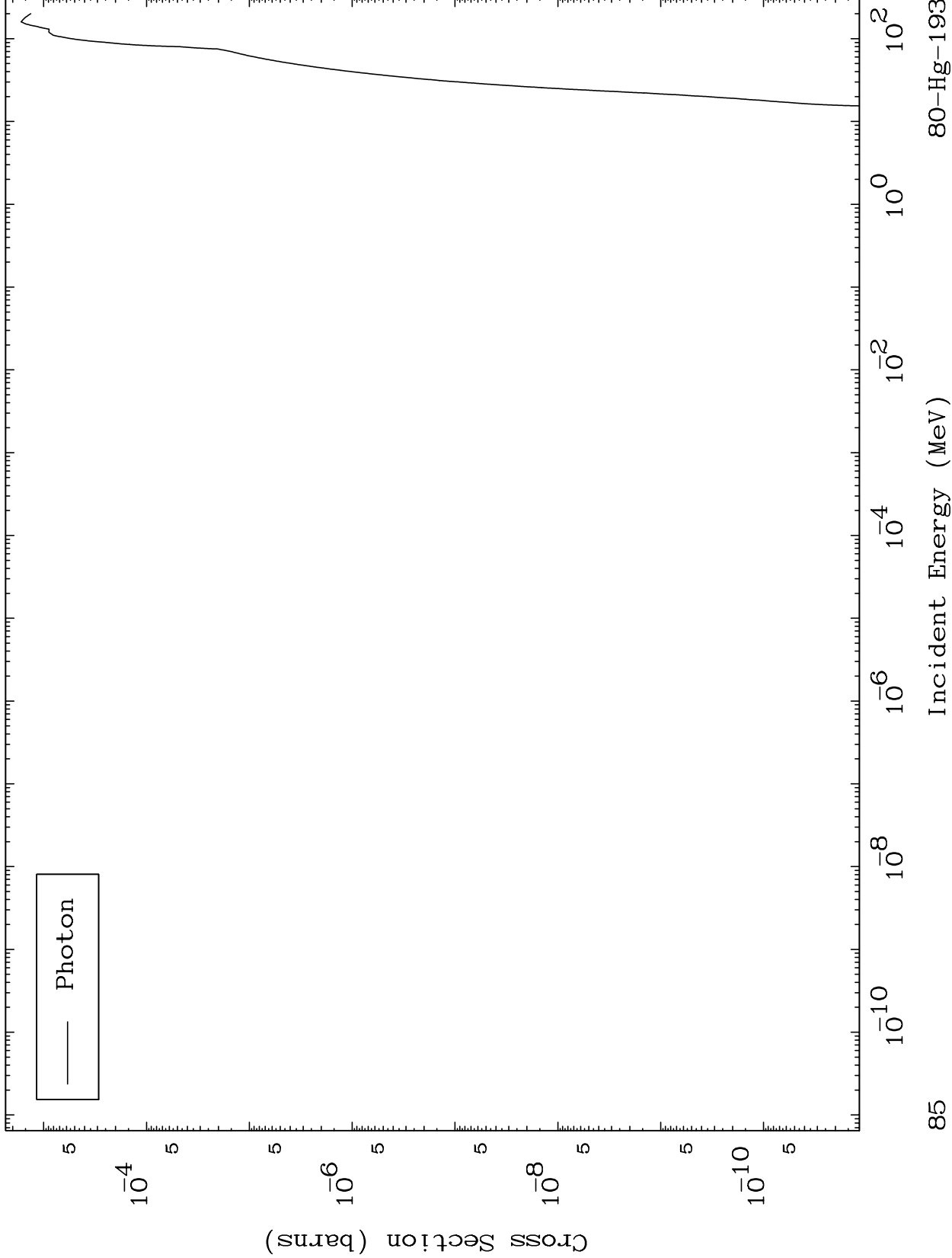
Incident Energy (MeV)

80-Hg-193

MAT 8016

Fission  
Radionuclide Production Cross Section

80-Hg-193

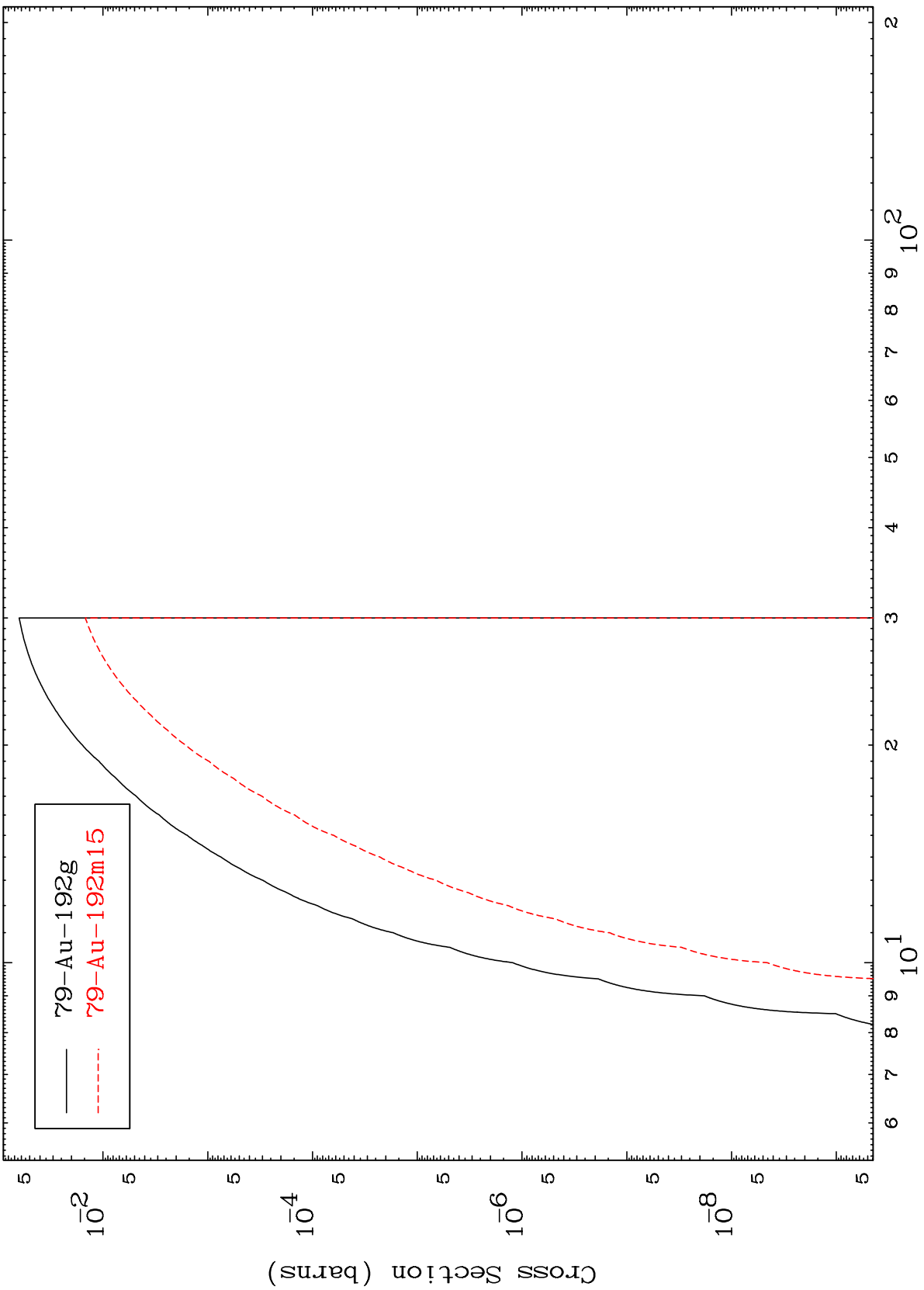


MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section



86

Incident Energy (MeV)

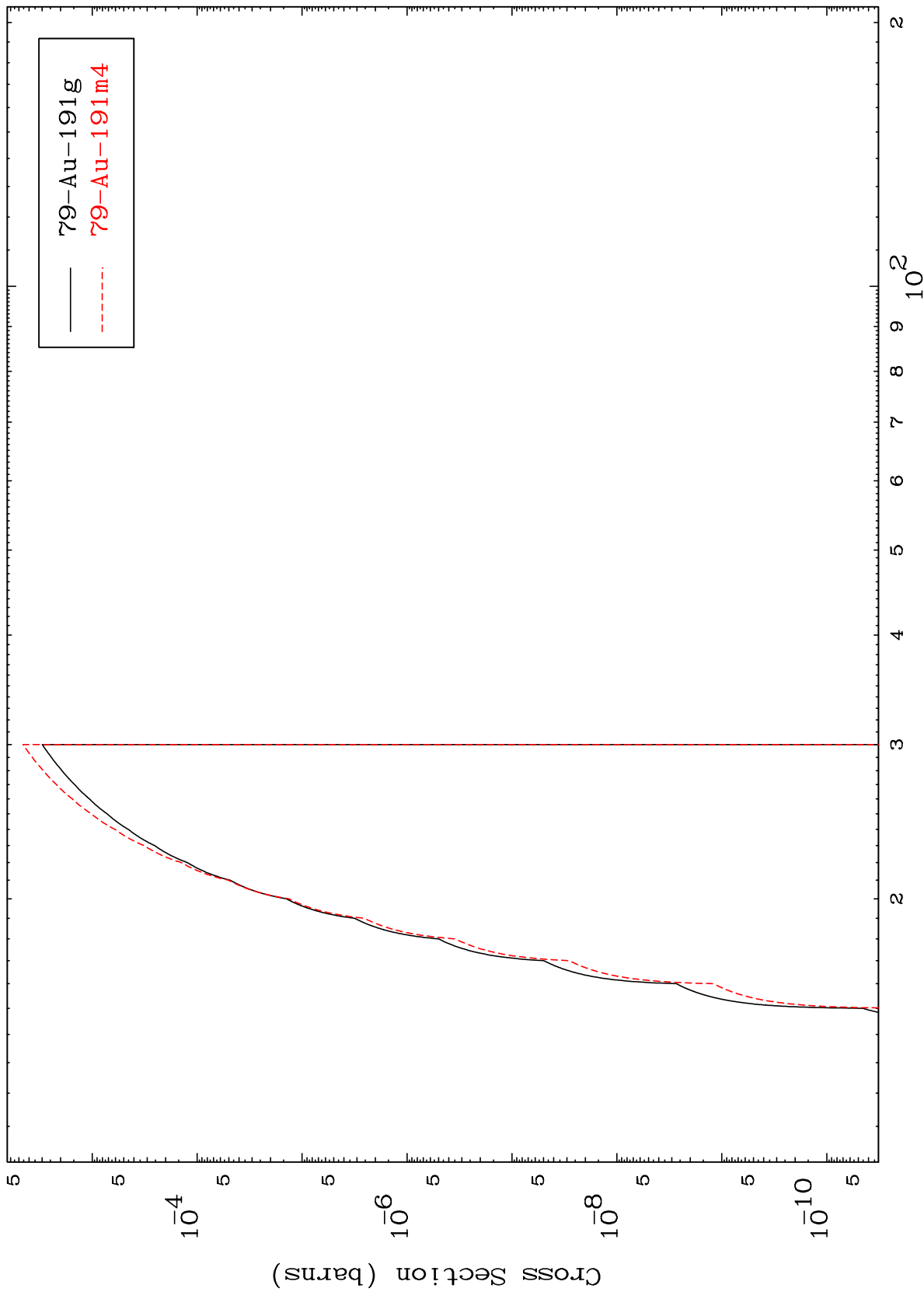
80-Hg-193

MAT 8016

(n,n') d

80-Hg-193

Radionuclide Production Cross Section



87

Incident Energy (MeV)

80-Hg-193

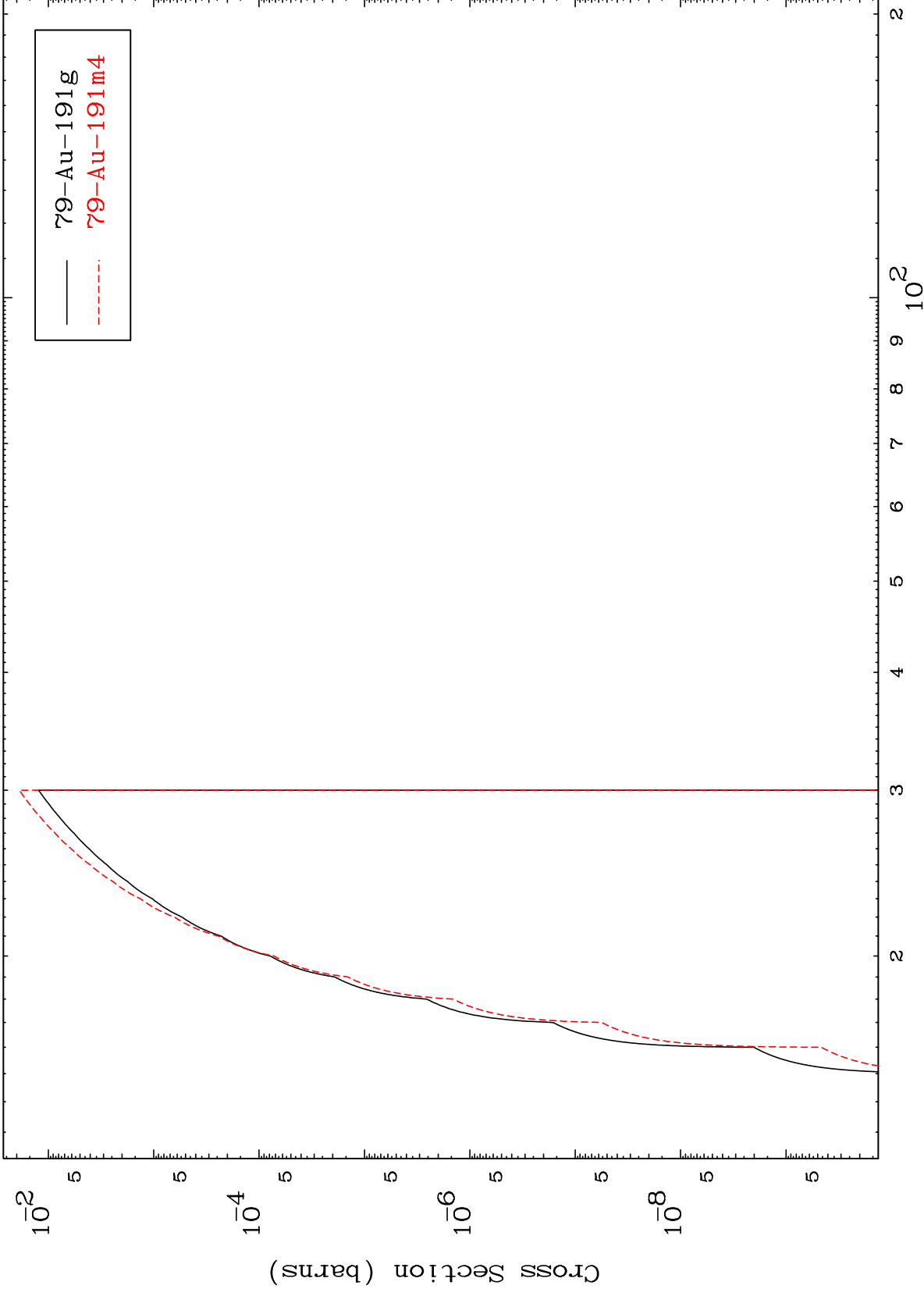


MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



88

Incident Energy (MeV)

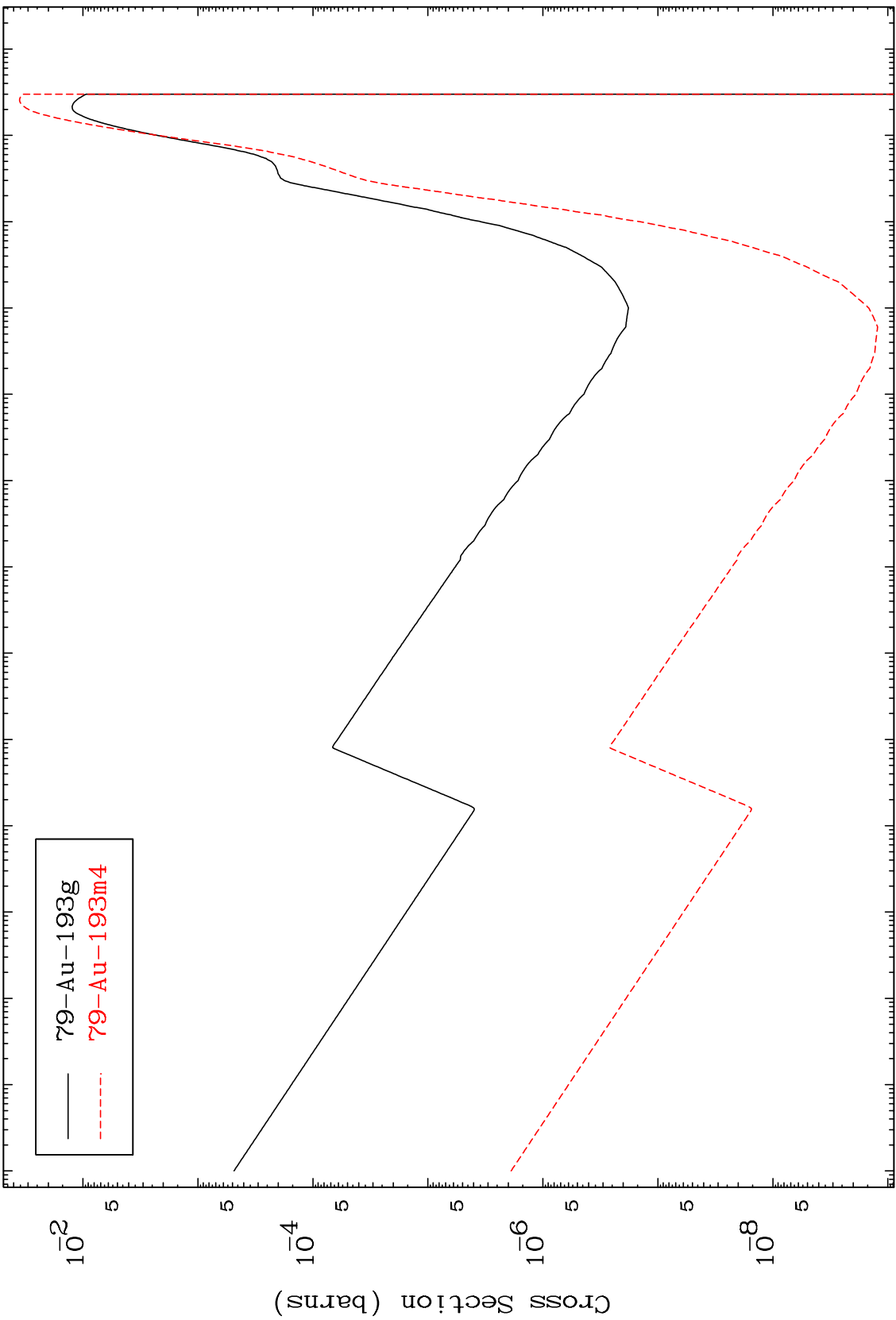
80-Hg-193

MAT 8016

(n,p)

80-Hg-193

Radionuclide Production Cross Section



79-Au-193g  
79-Au-193m4

89

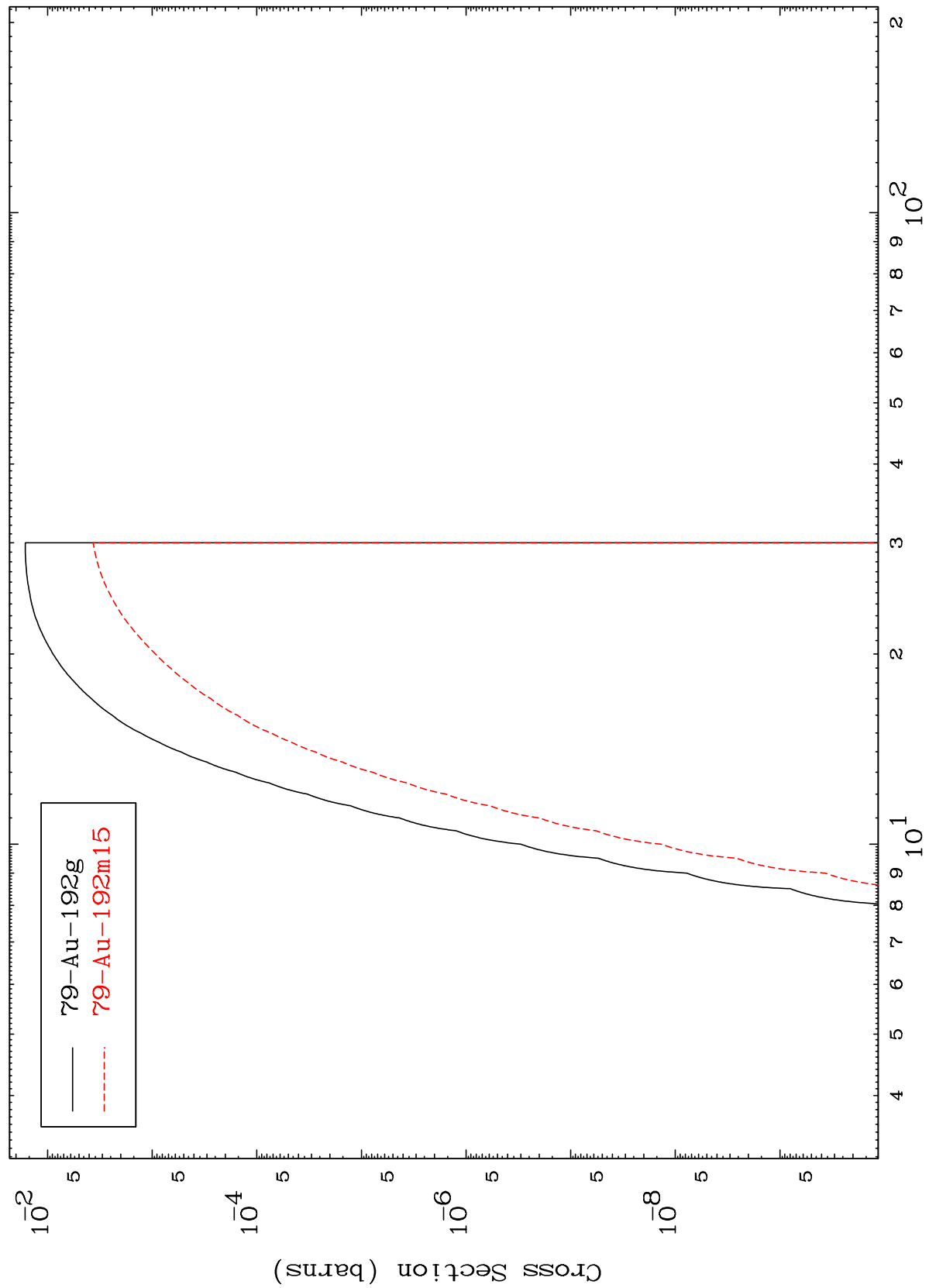
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,d)  
Radionuclide Production Cross Section



90

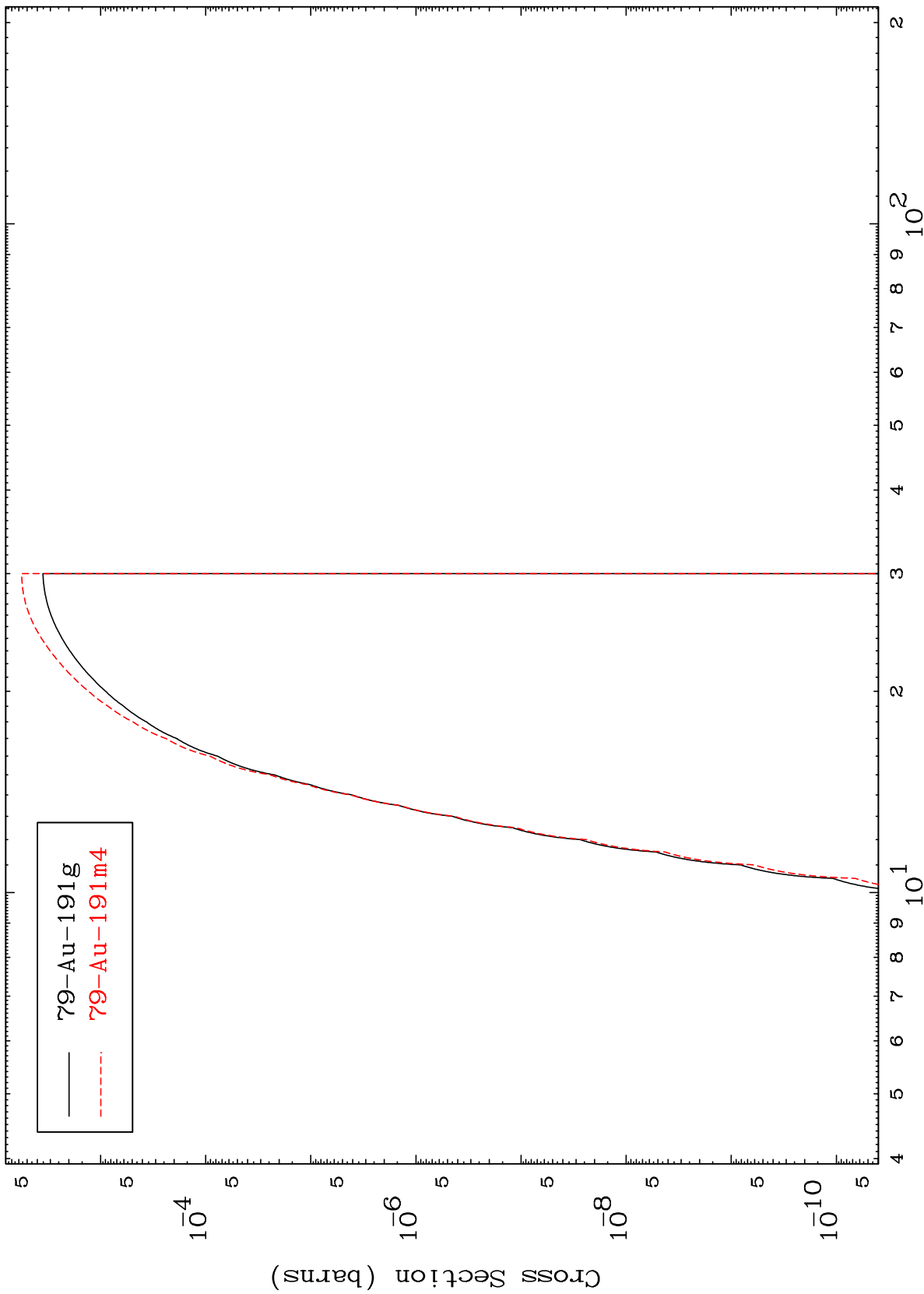
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n, t)  
Radionuclide Production Cross Section



91

Incident Energy (MeV)

80-Hg-193