

Program EVALPLOT  
(Version 2015-2)

by

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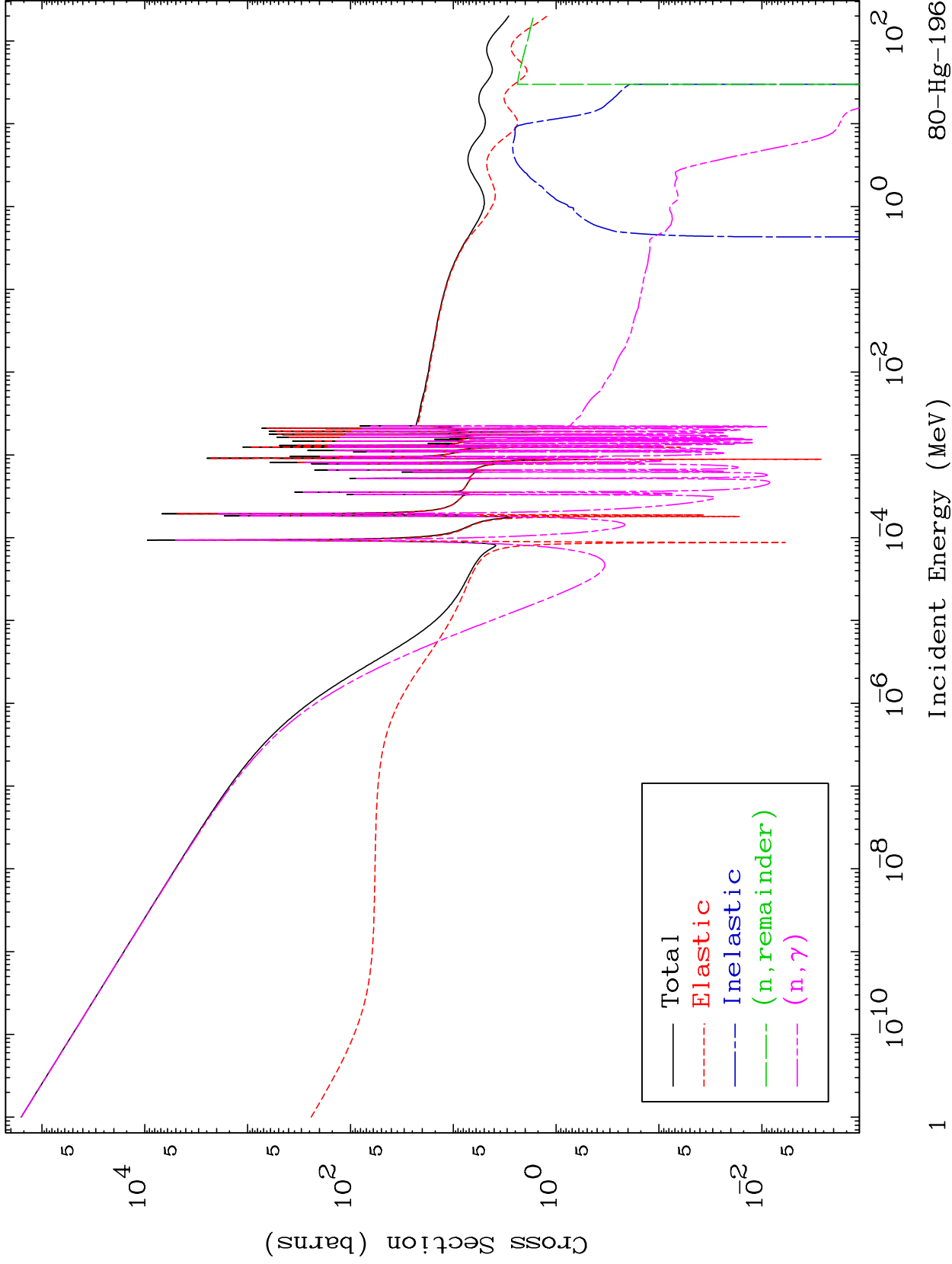
Press Mouse Button to Start

MAT 8025

Major

293 Kelvin Cross Sections

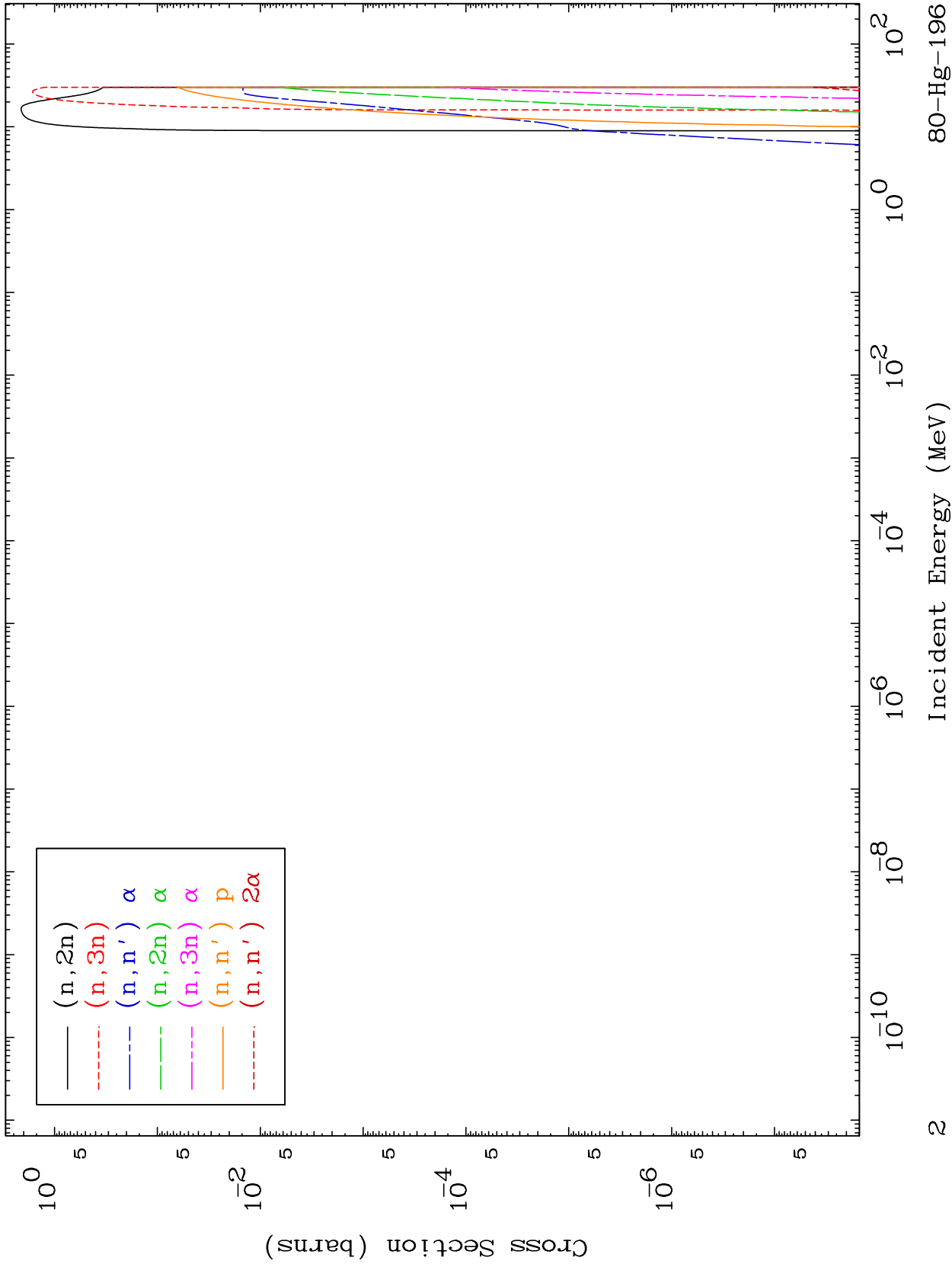
80-Hg-196



MAT 8025

Neutron Production  
293 Kelvin Cross Sections

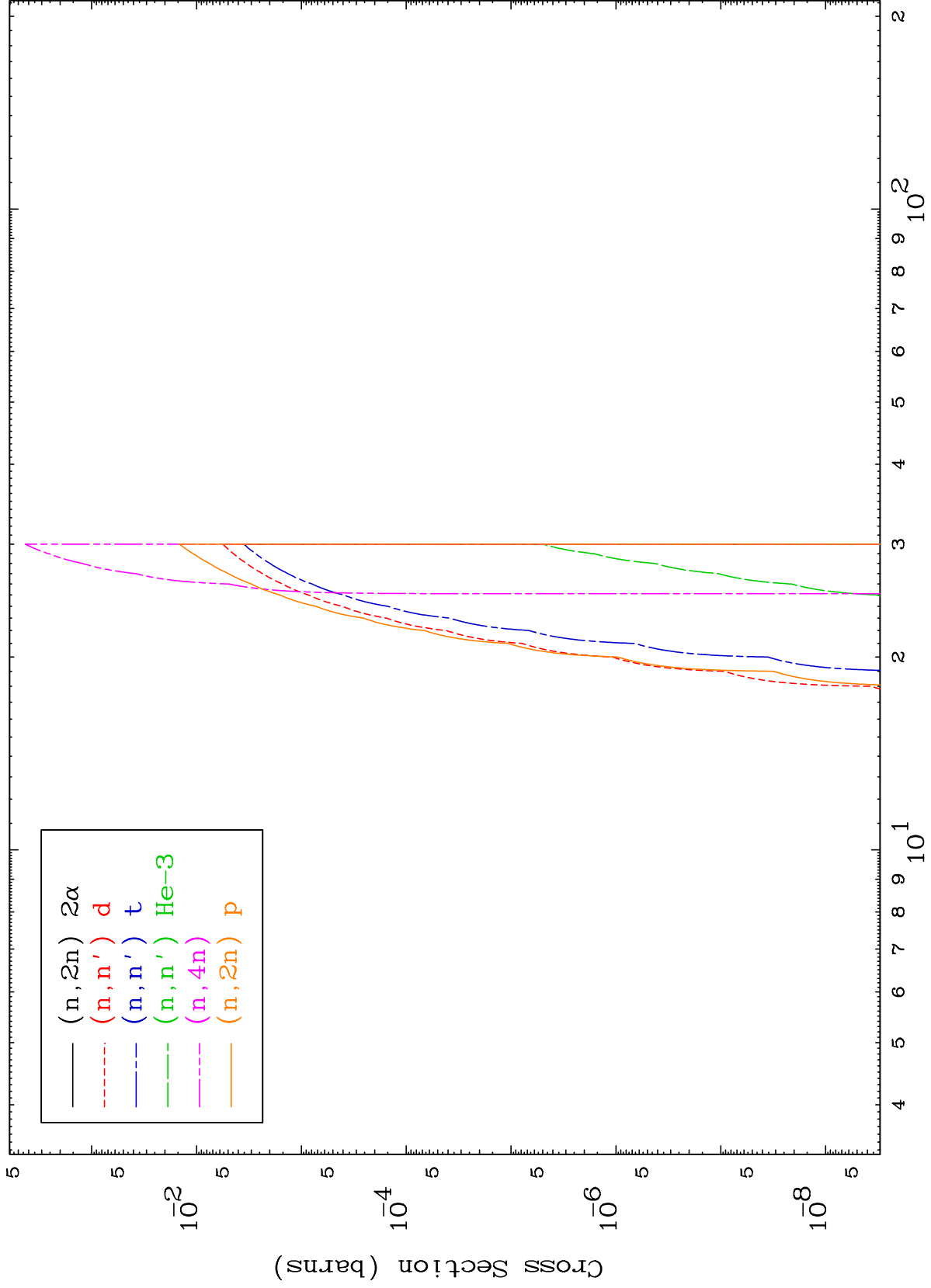
80-Hg-196



MAT 8025

Neutron Production  
293 Kelvin Cross Sections

80-Hg-196



3

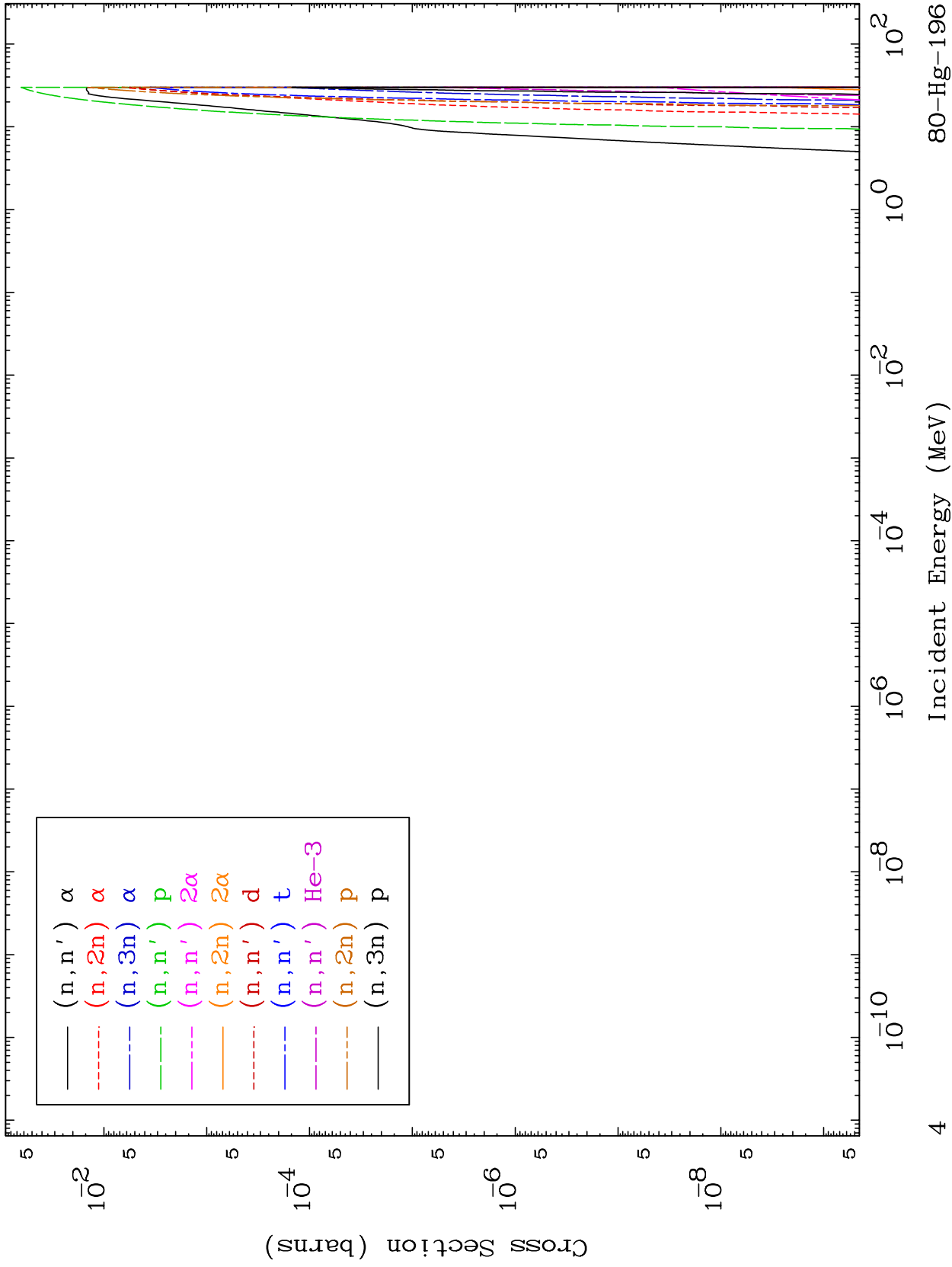
Incident Energy (MeV)

80-Hg-196

MAT 8025

Charged Particle  
293 Kelvin Cross Sections

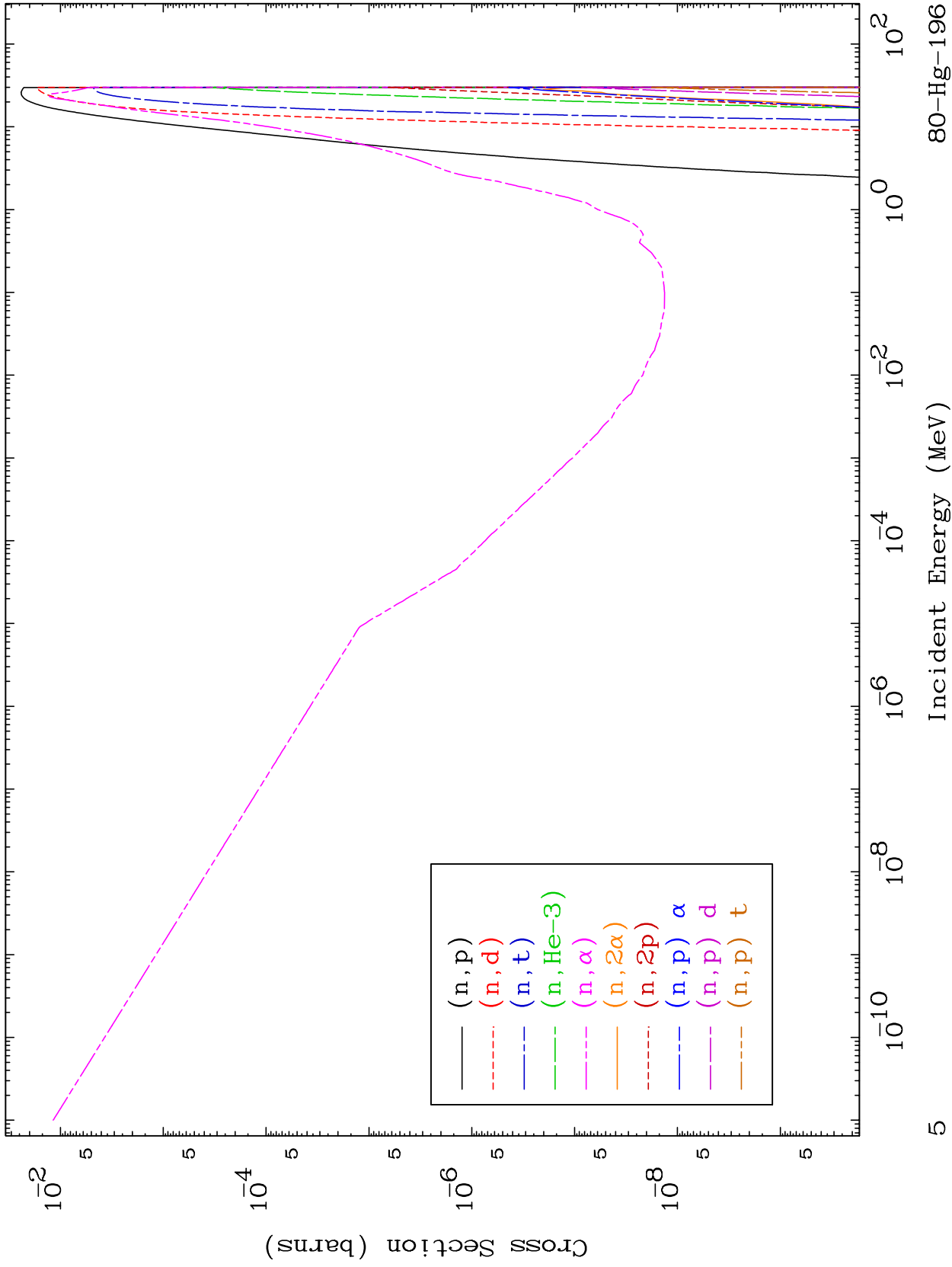
80-Hg-196



MAT 8025

Charged Particle  
293 Kelvin Cross Sections

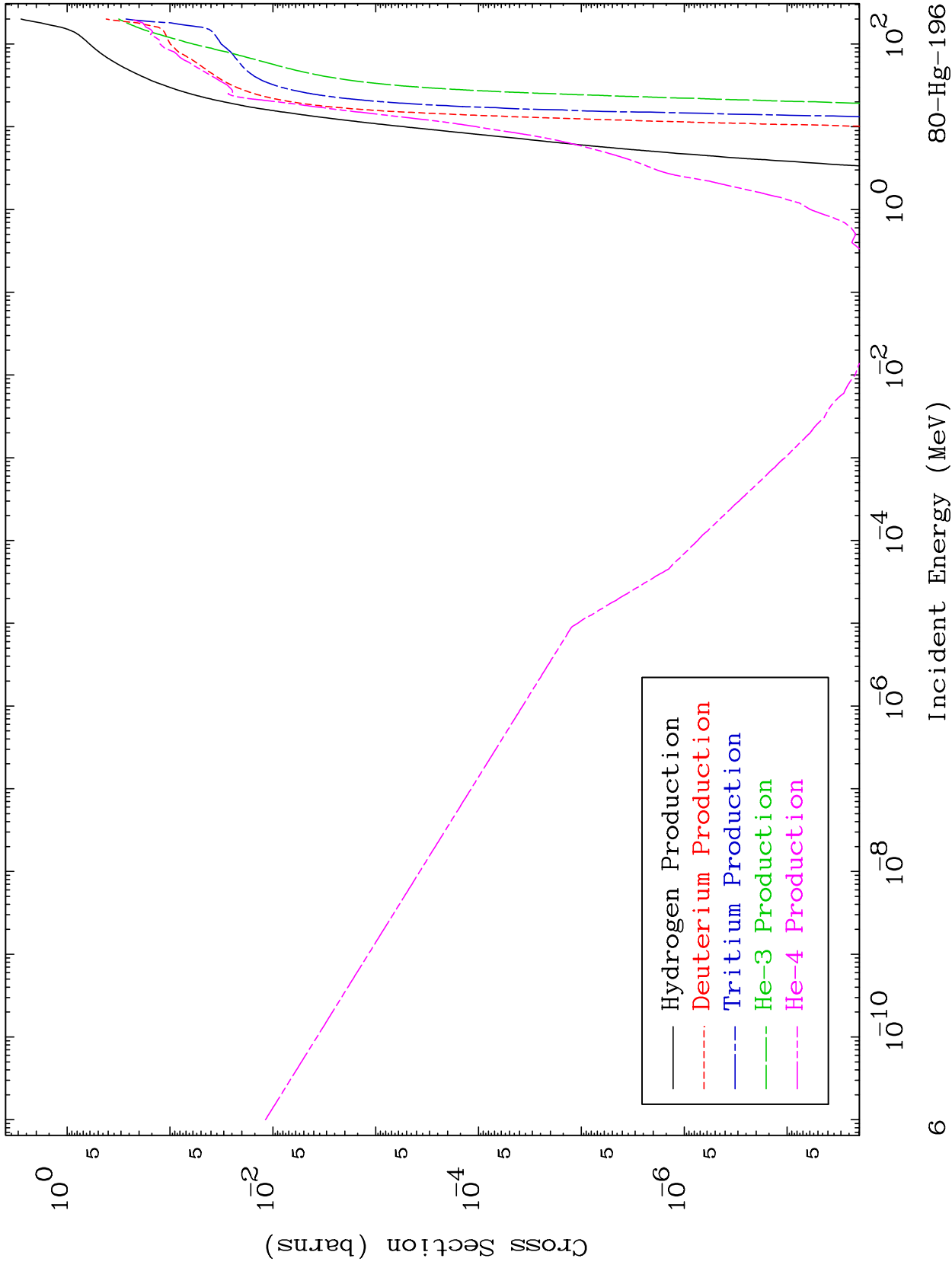
80-Hg-196



MAT 8025

Particle Production  
293 Kelvin Cross Sections

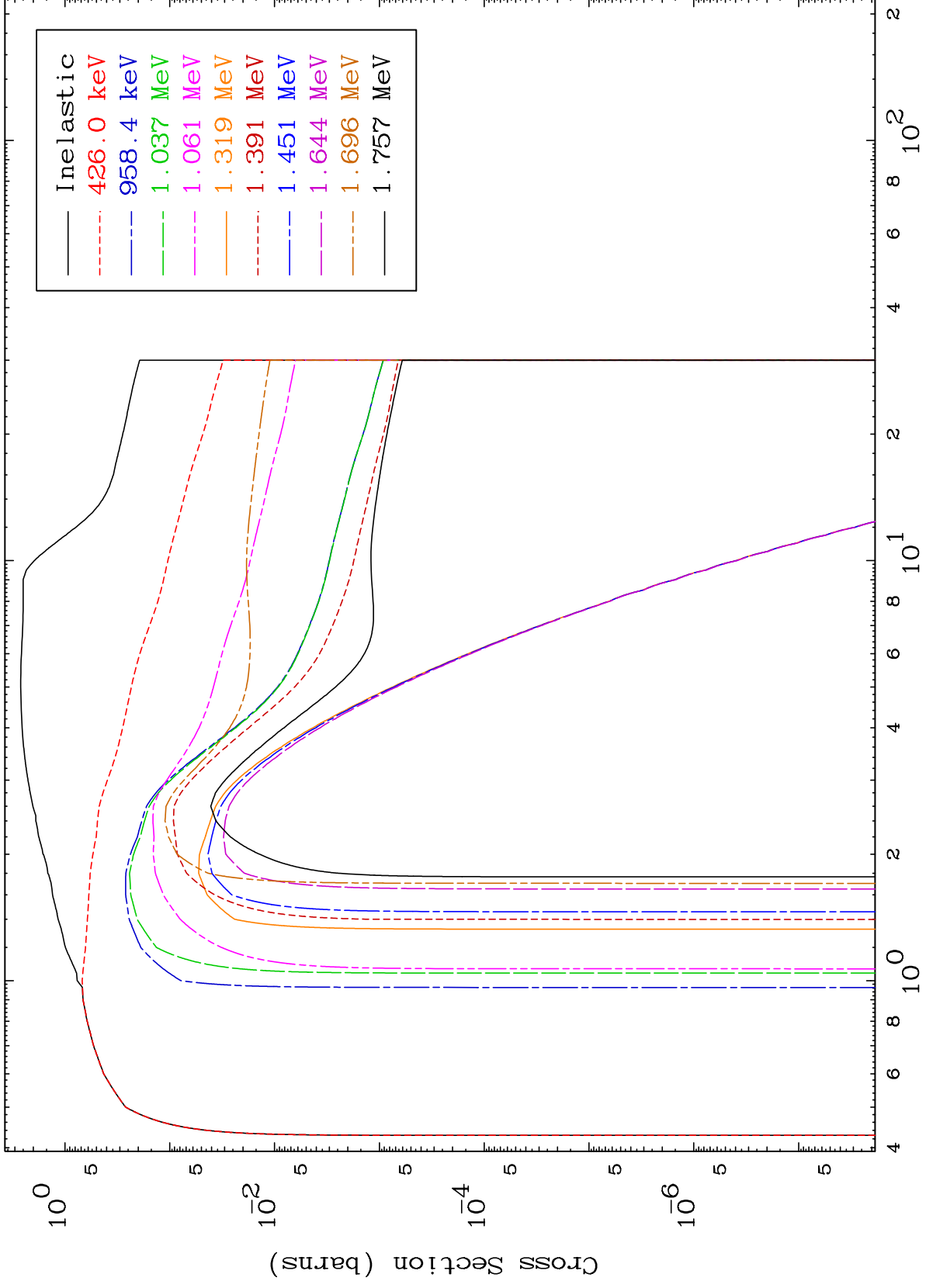
80-Hg-196



MAT 8025

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-196



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Incident Energy (MeV)

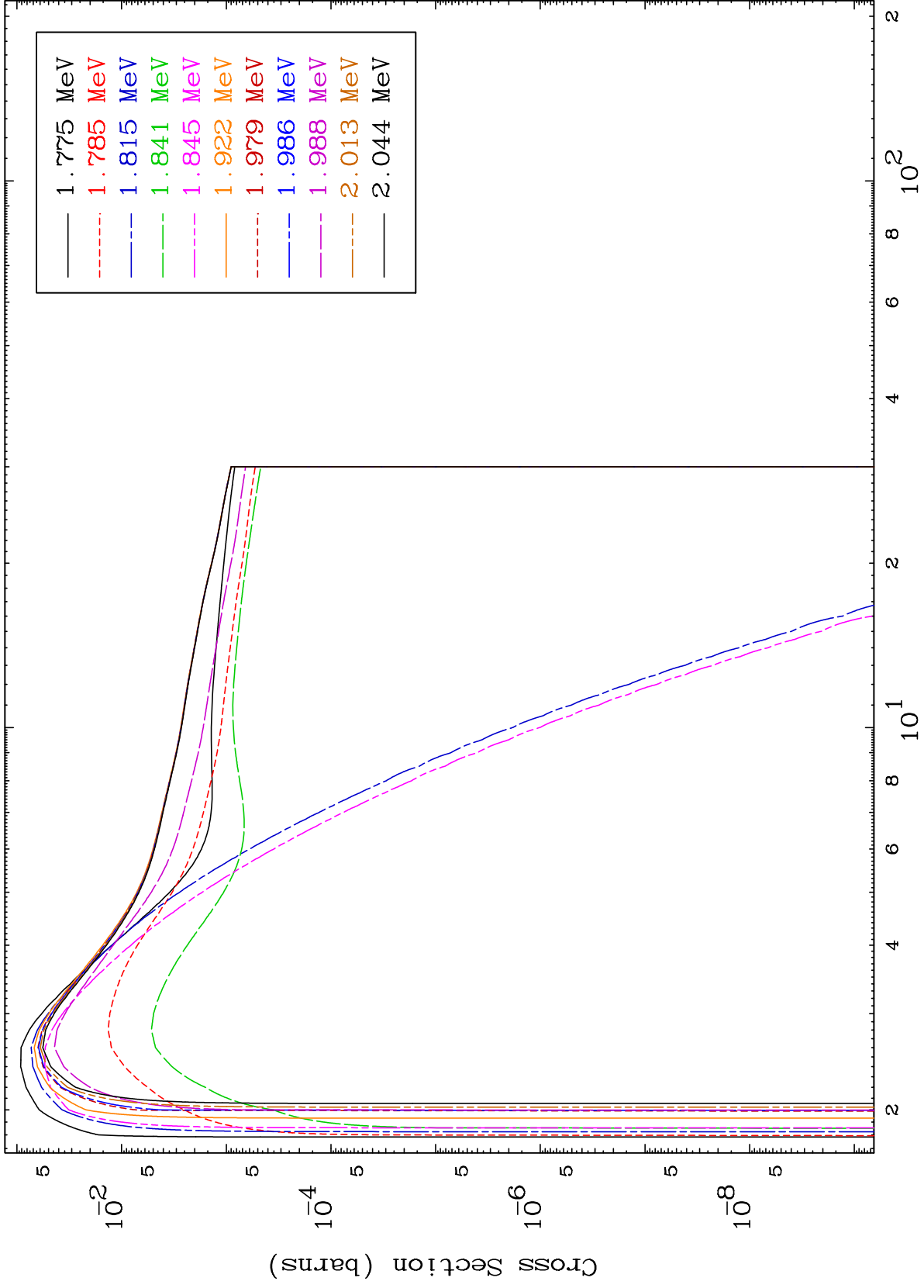
80-Hg-196



MAT 8025

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-196



8

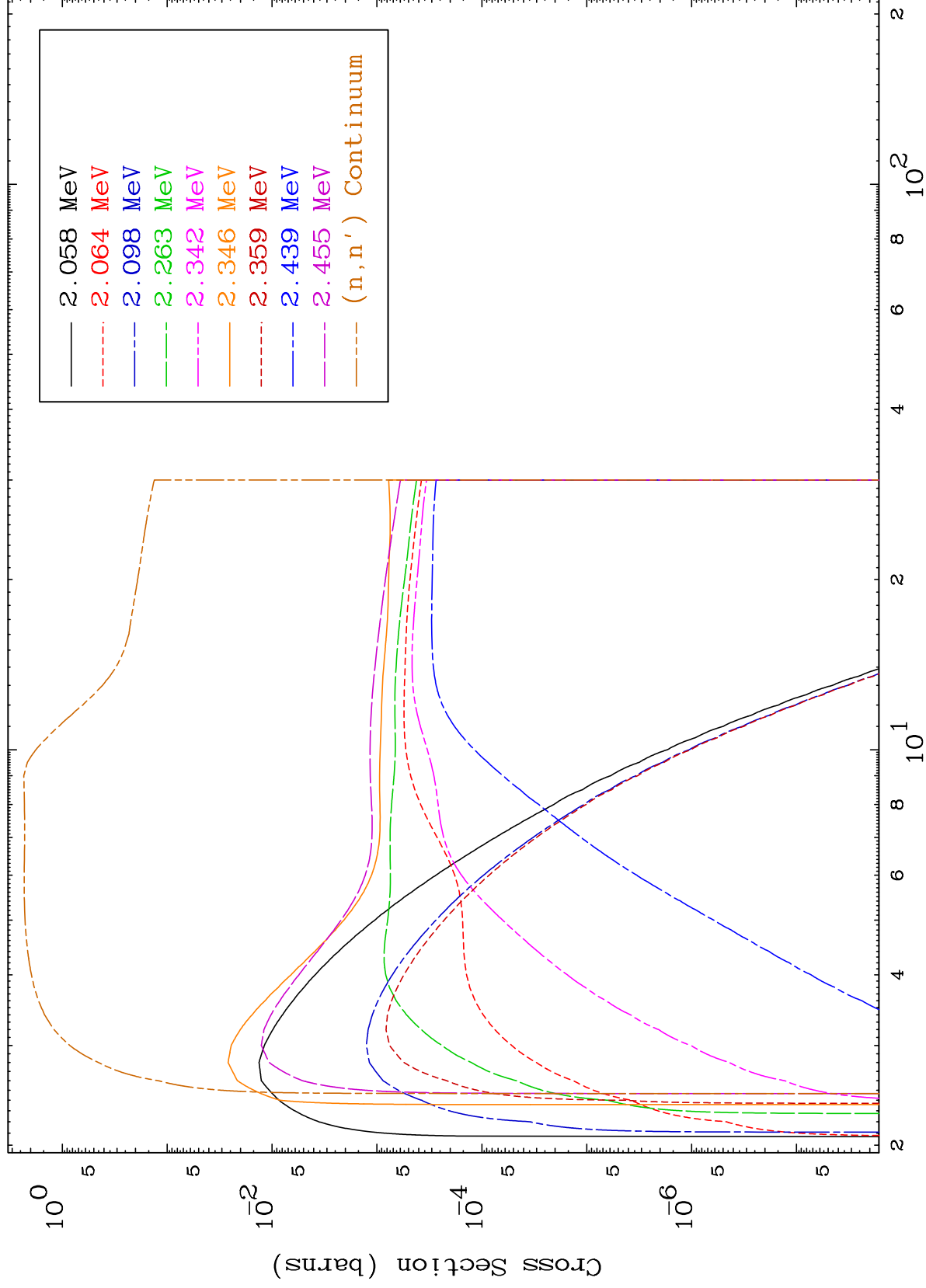
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-196



9

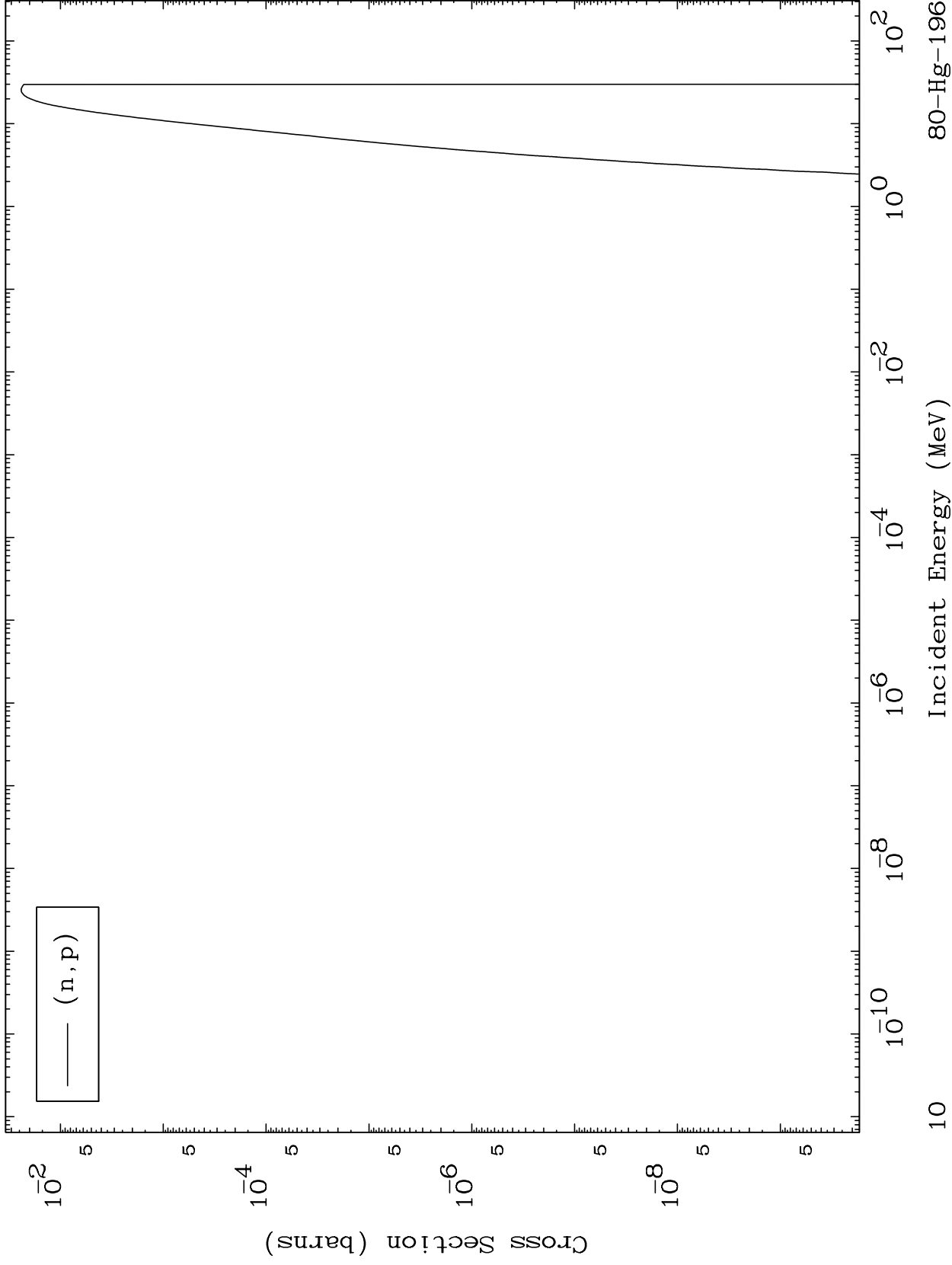
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,p) Levels  
293 Kelvin Cross Sections

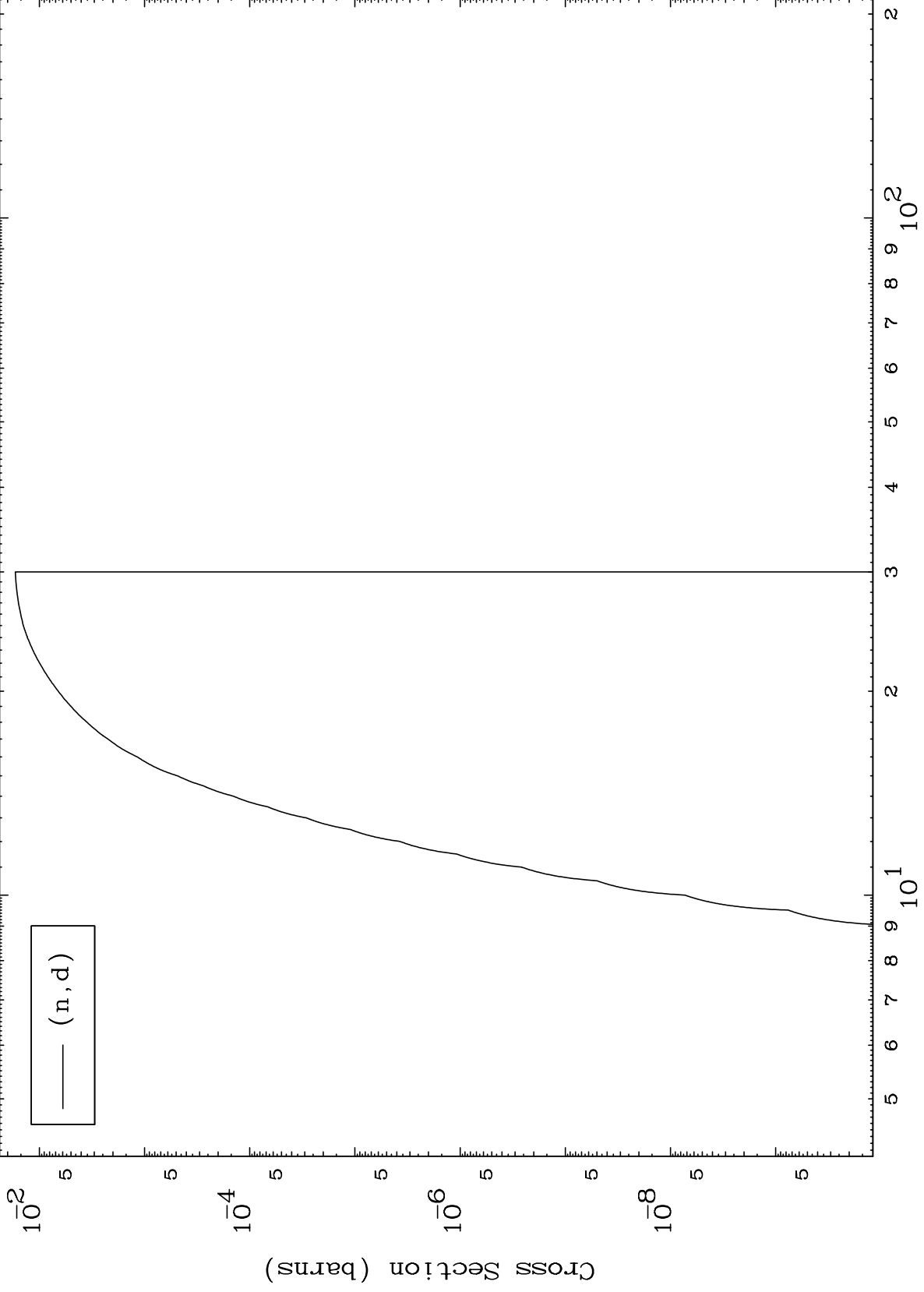
80-Hg-196



MAT 8025

(n,d) Levels  
293 Kelvin Cross Sections

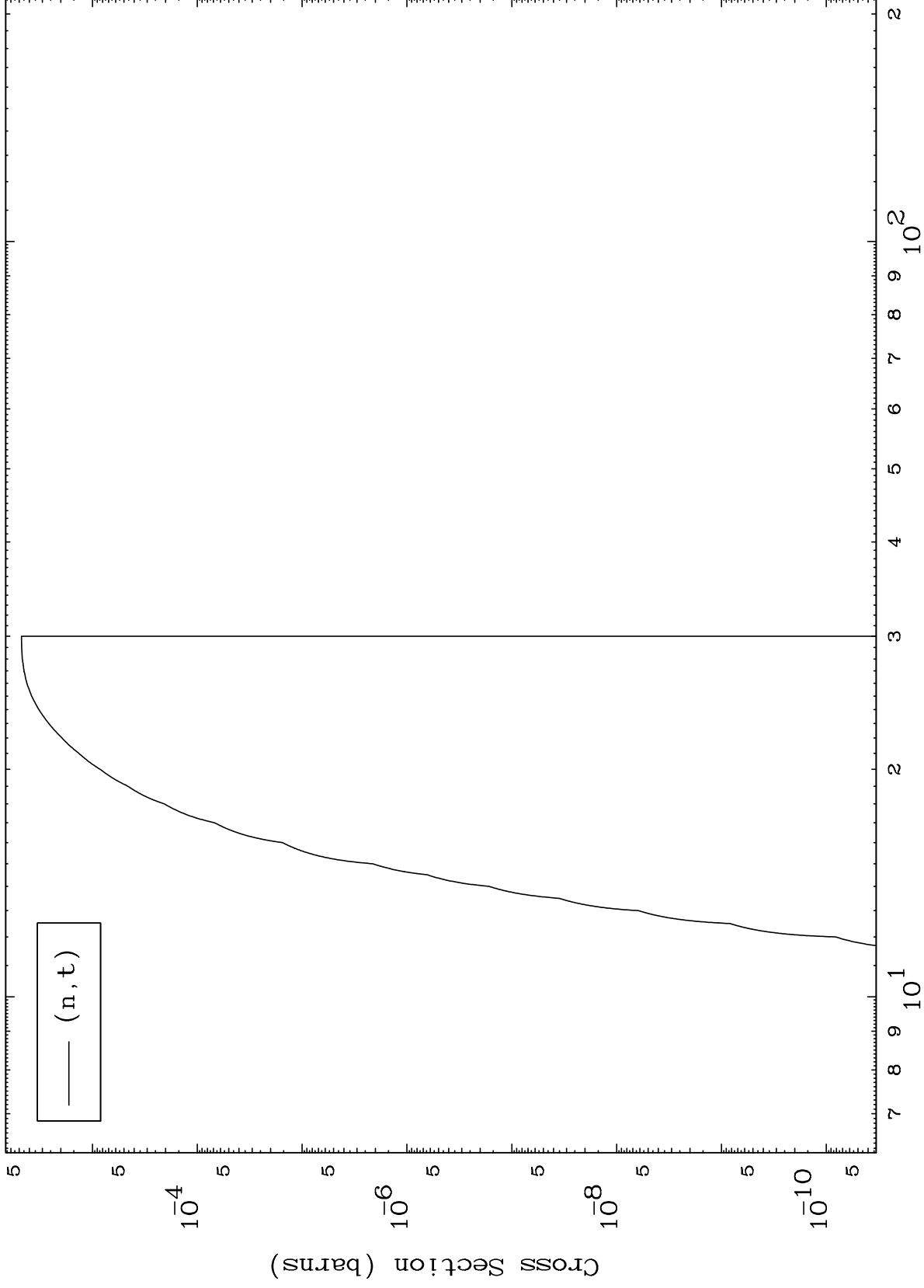
80-Hg-196



MAT 8025

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-196



12

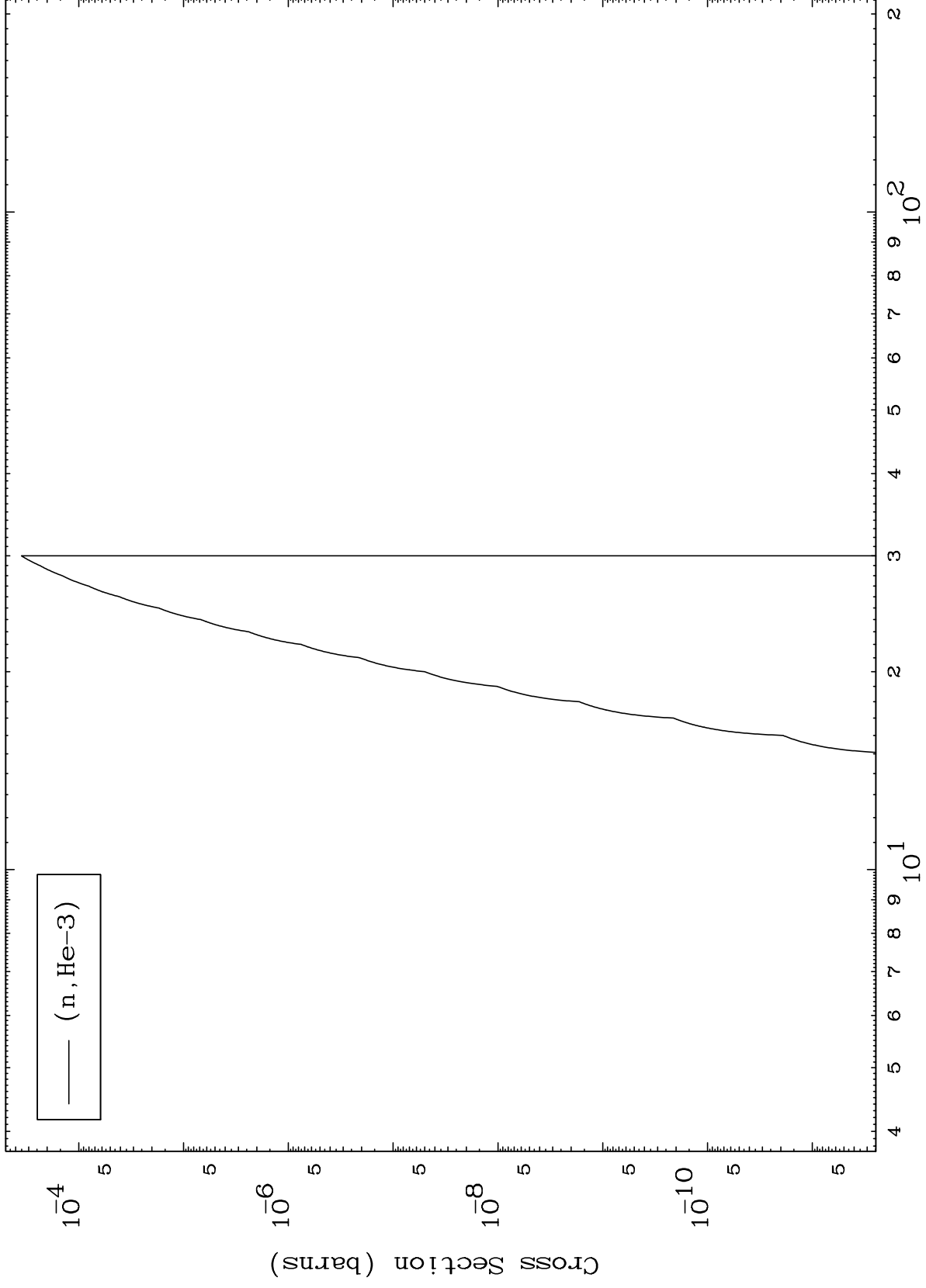
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,He3) Levels  
293 Kelvin Cross Sections

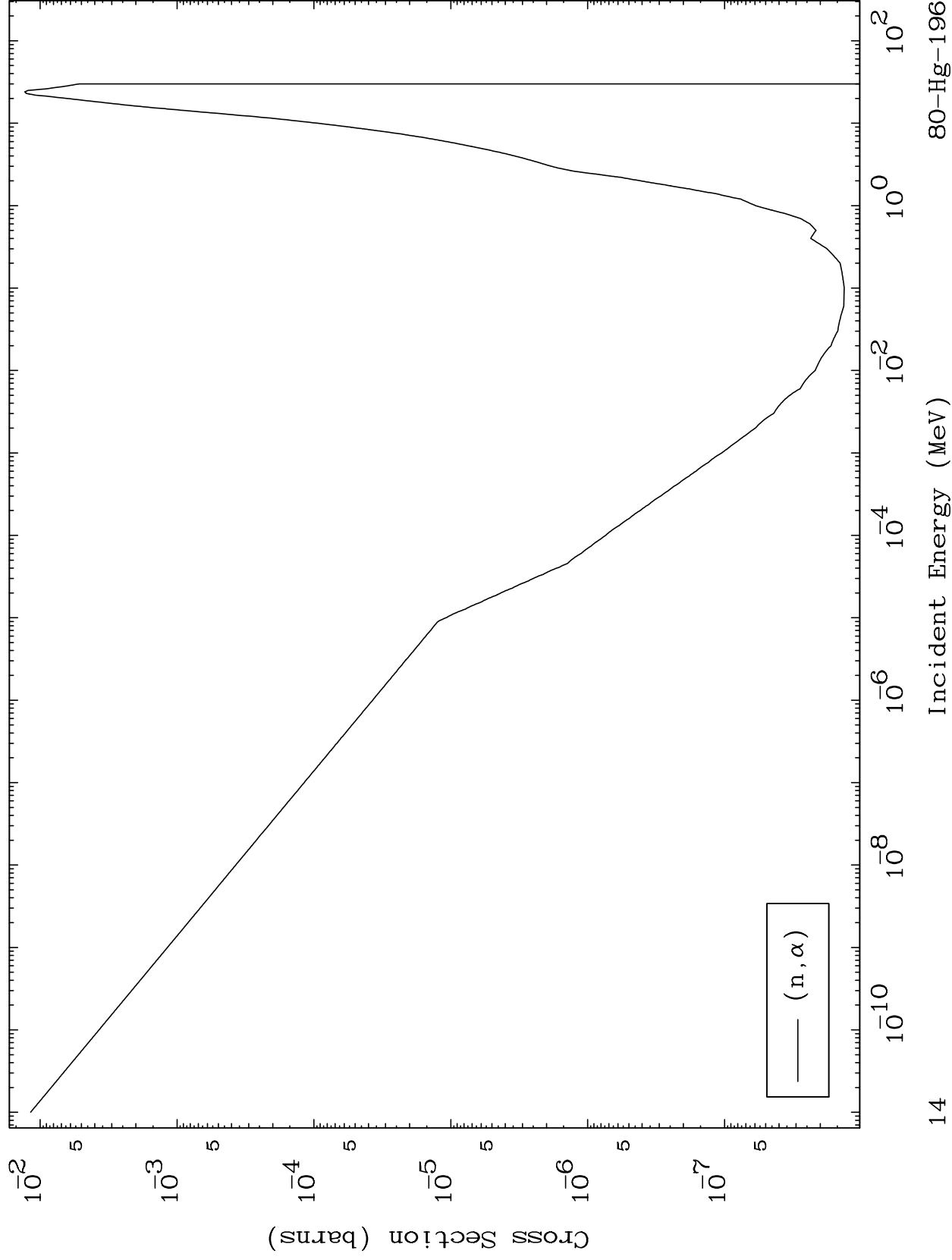
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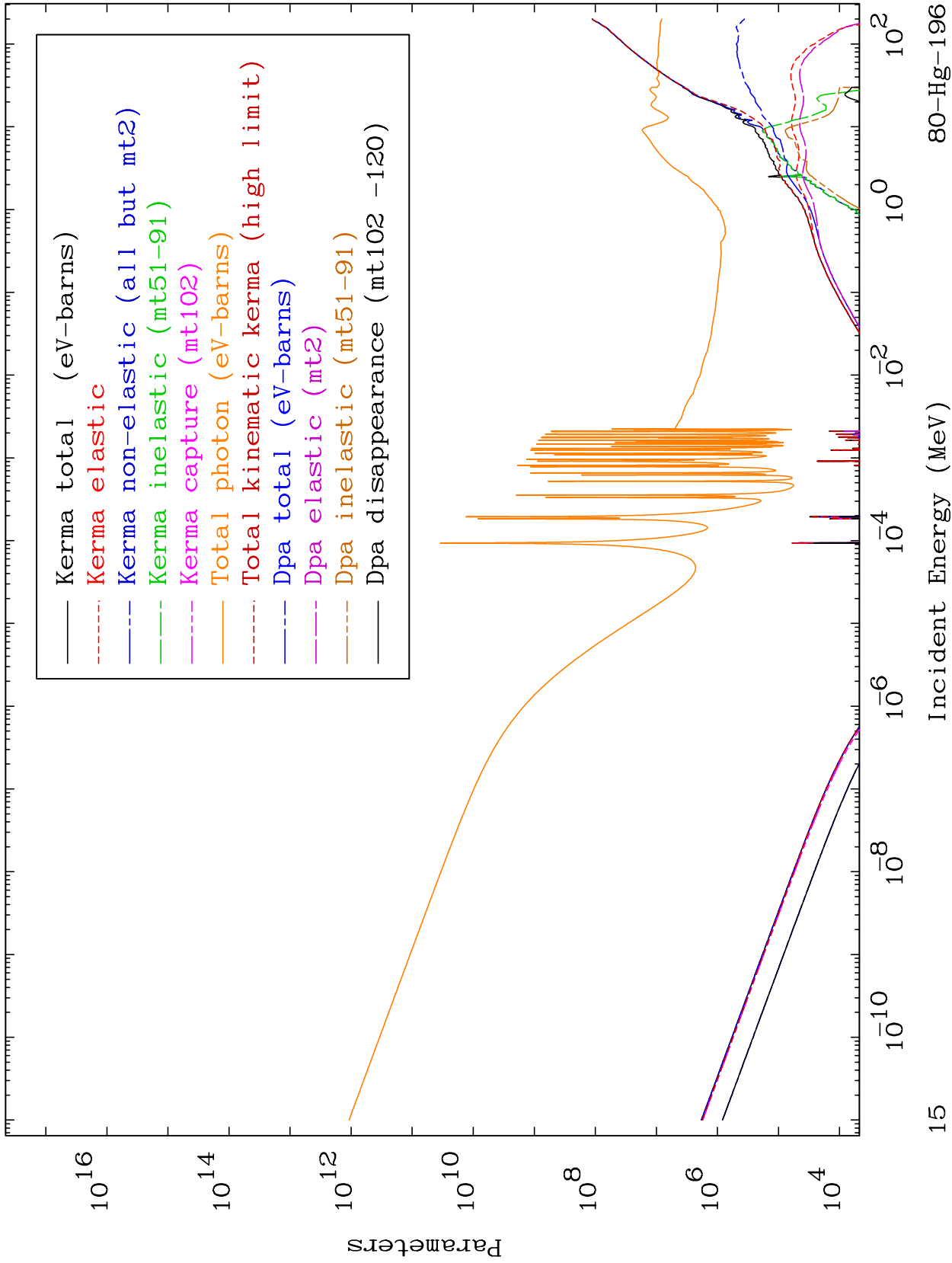


MAT 8025

(n,α) Levels  
293 Kelvin Cross Sections

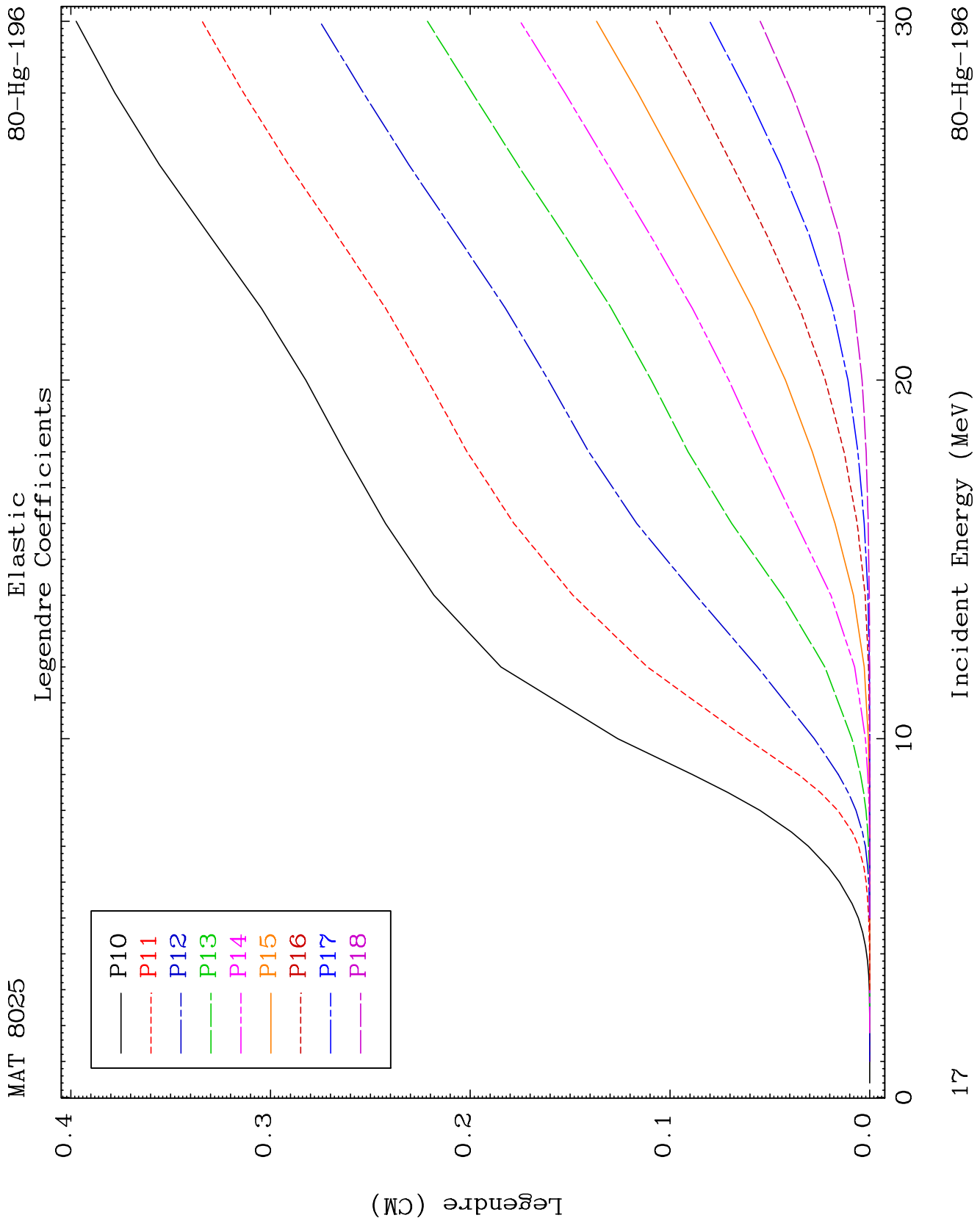
80-Hg-196







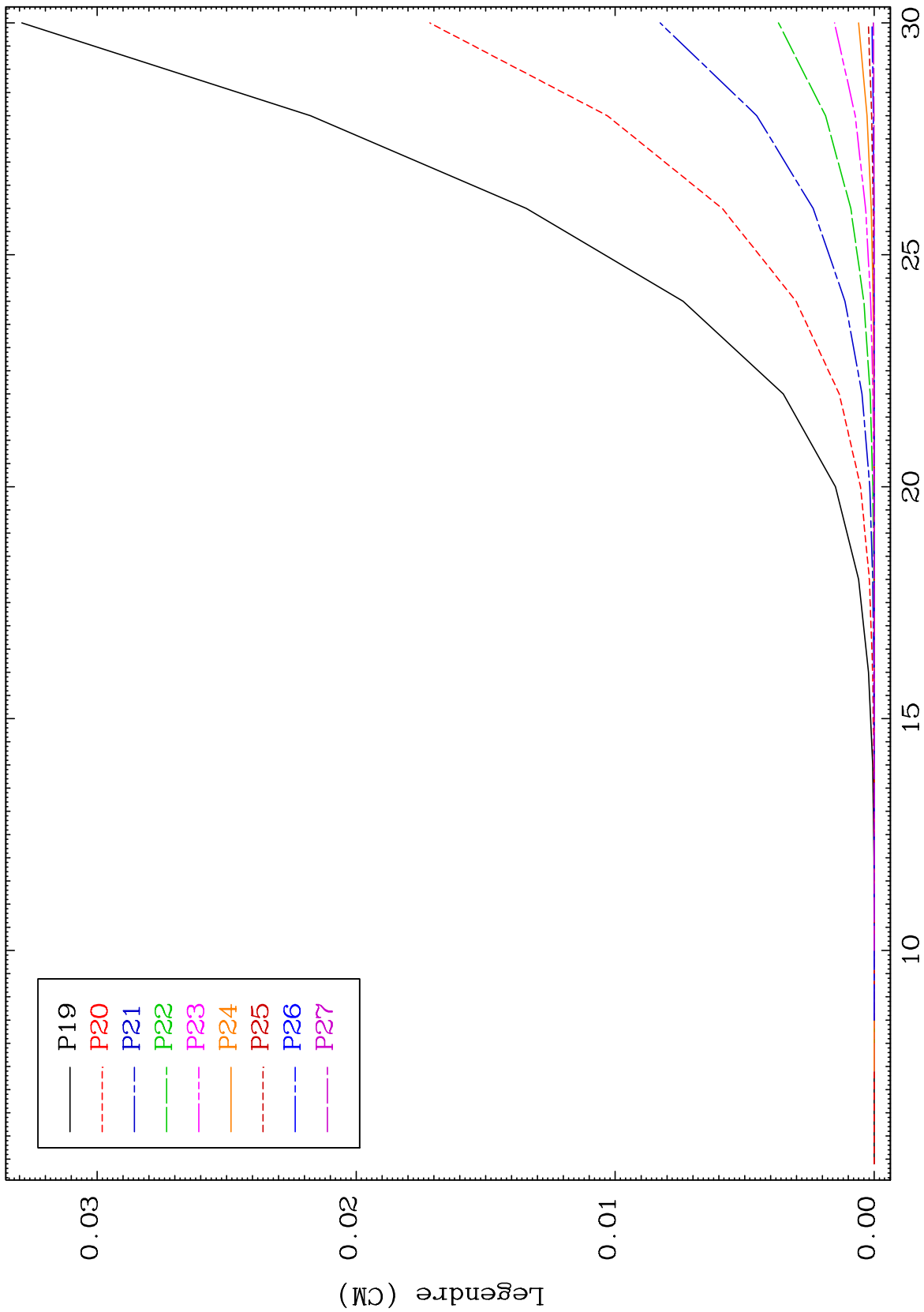




MAT 8025

Elastic  
Legendre Coefficients

80-Hg-196



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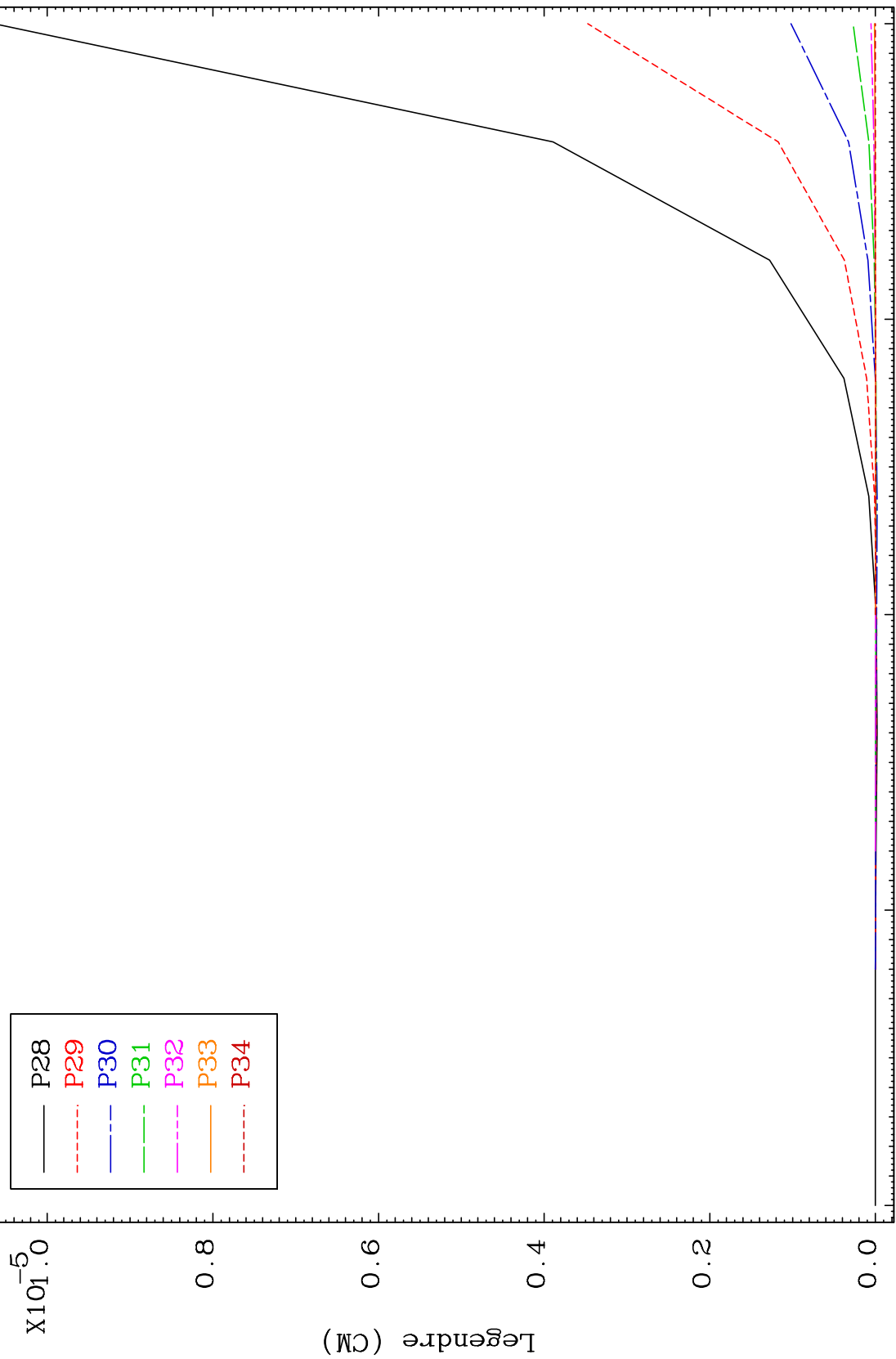
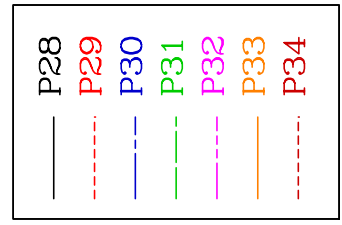
Incident Energy (MeV)

80-Hg-196

MAT 8025

Elastic  
Legendre Coefficients

80-Hg-196

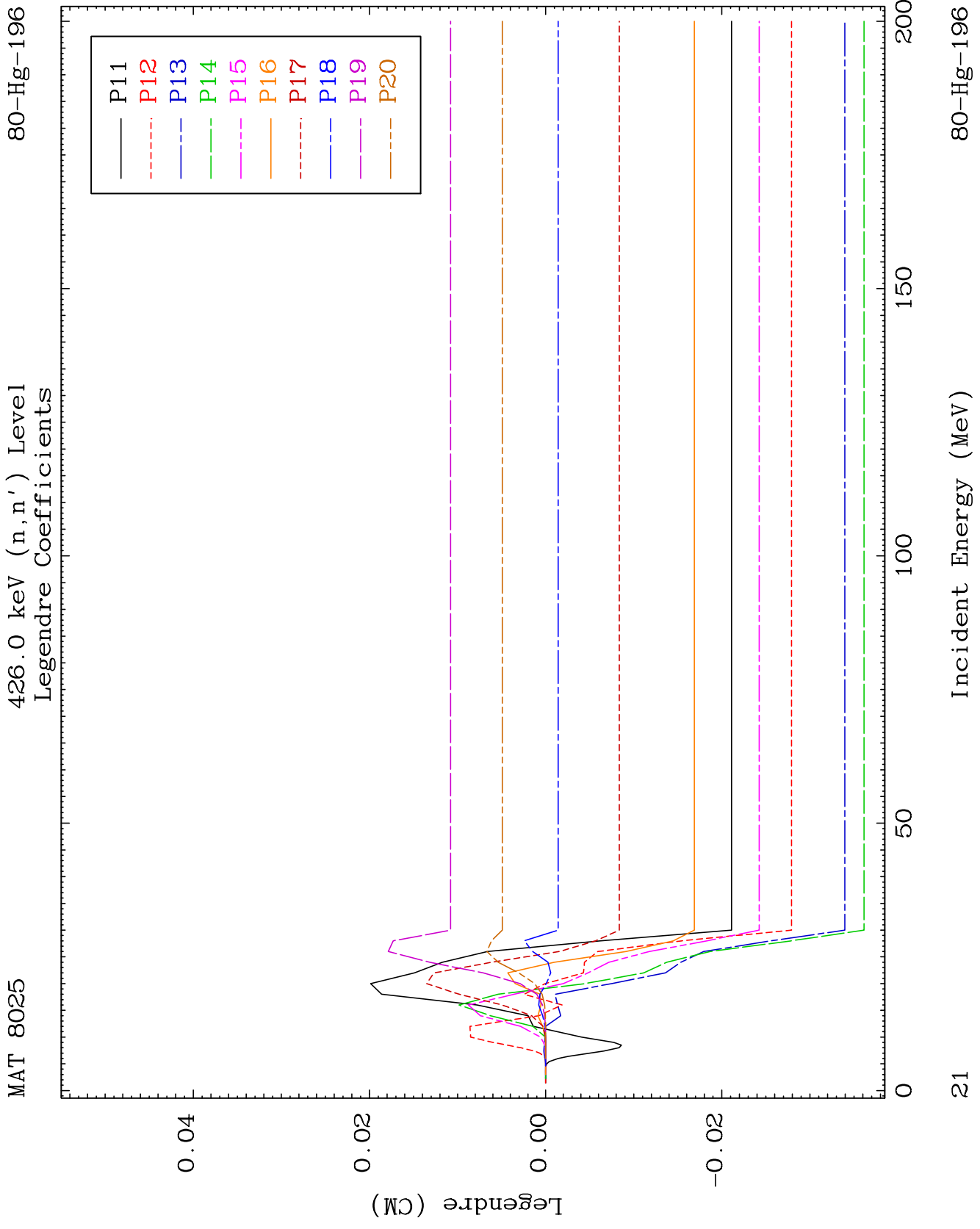


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Incident Energy (MeV)

80-Hg-196

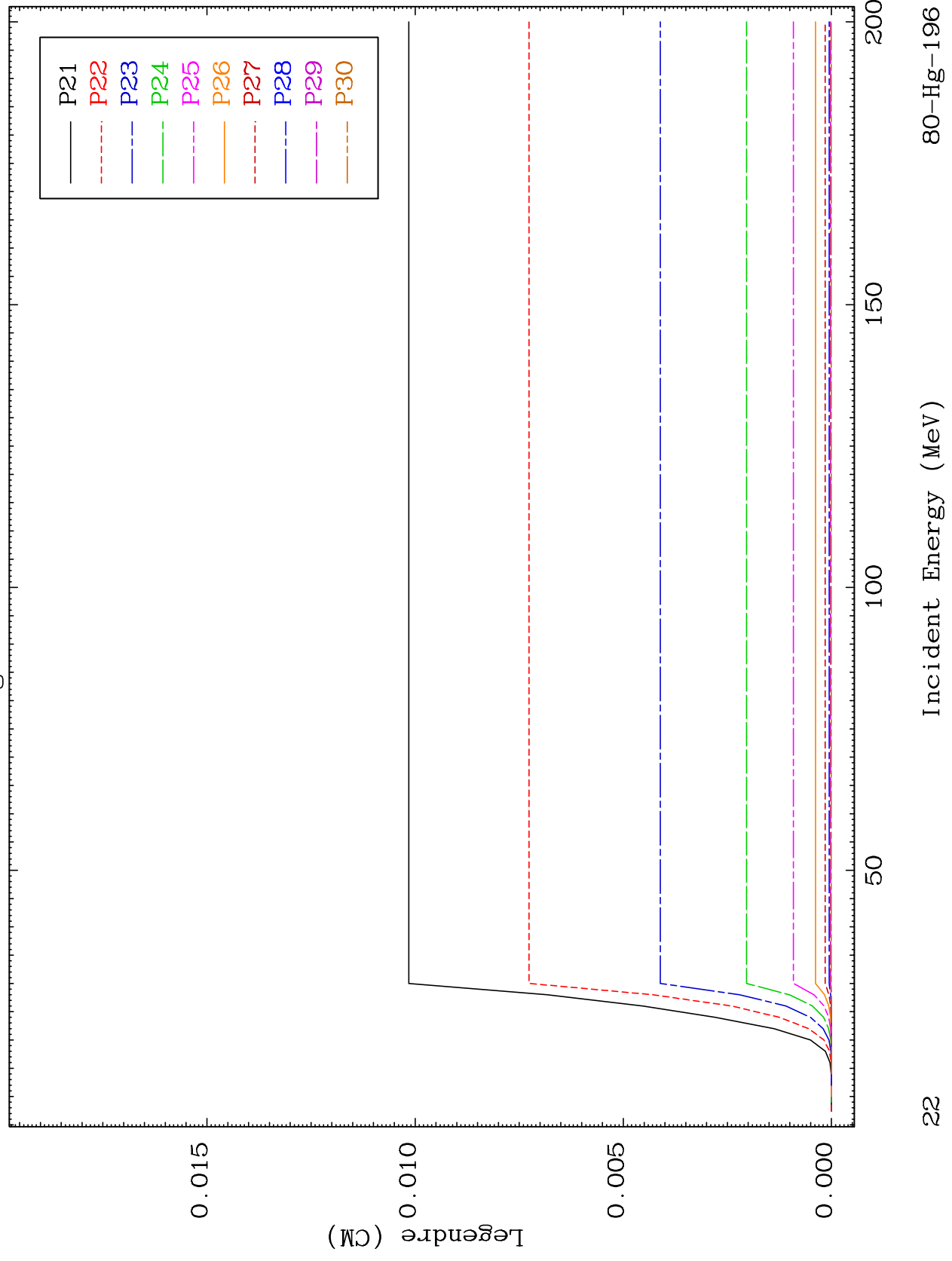


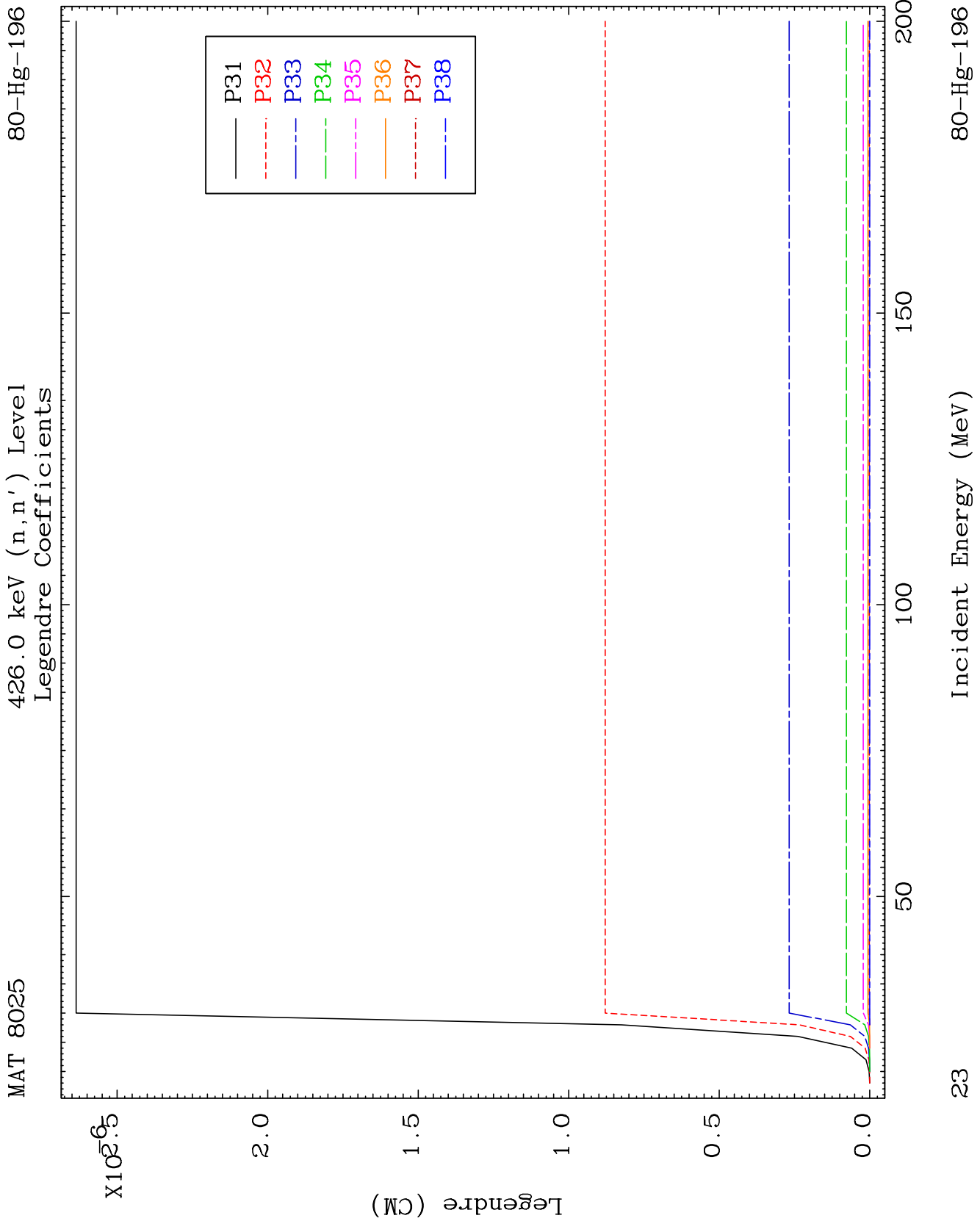


MAT 8025

426.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-196



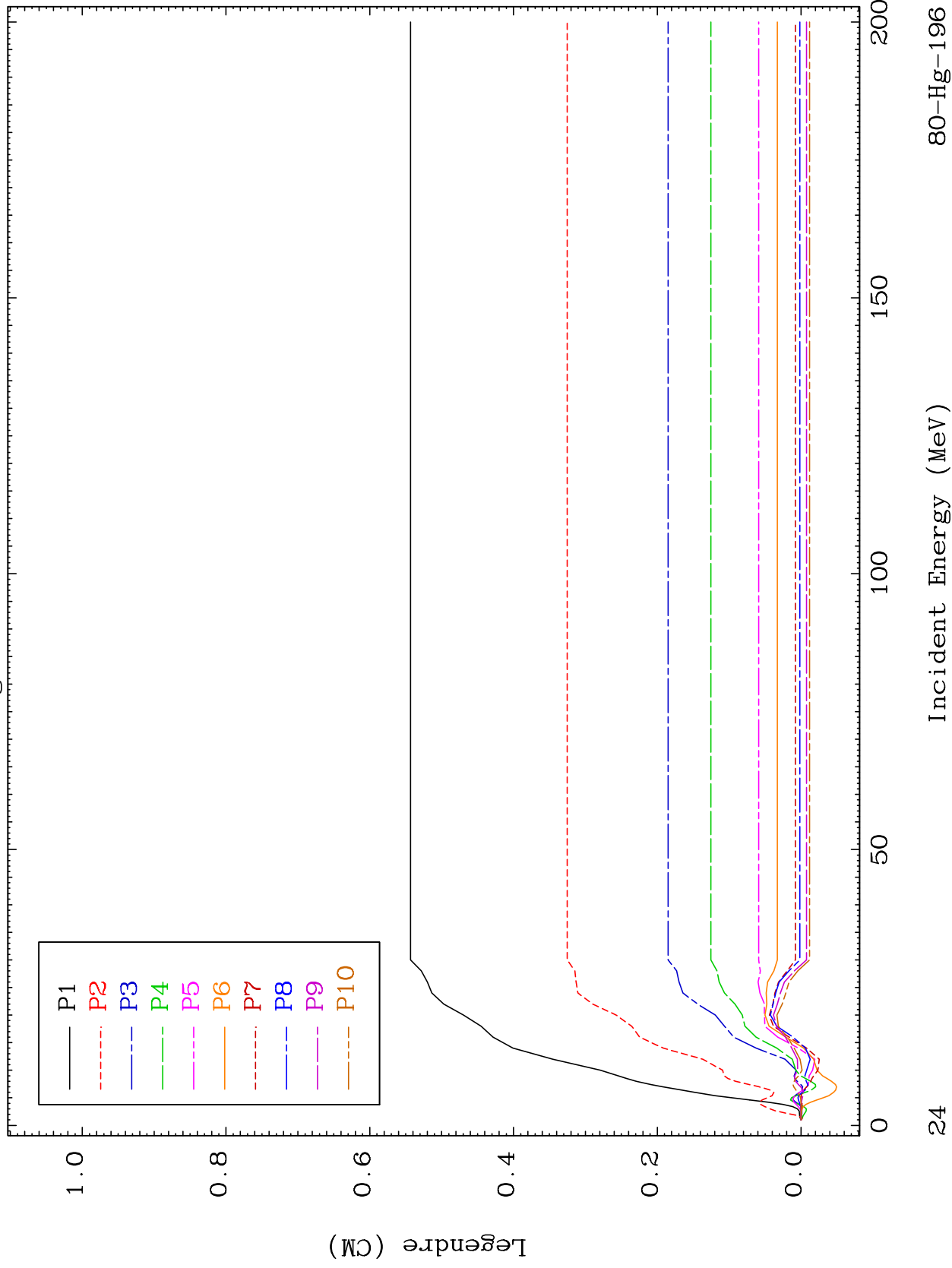




MAT 8025

958.4 keV (n,n') Level  
Legendre Coefficients

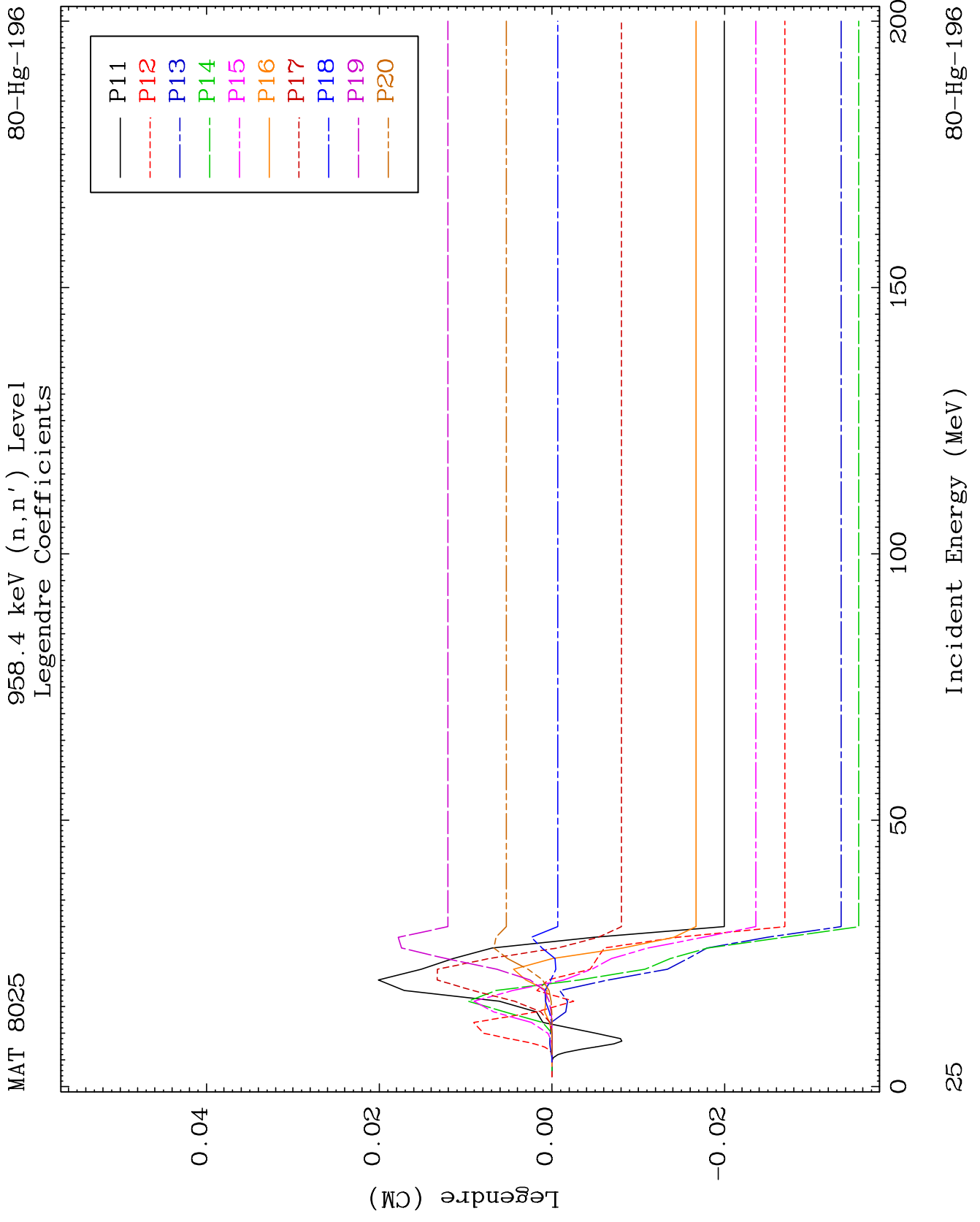
80-Hg-196



24

Incident Energy (MeV)

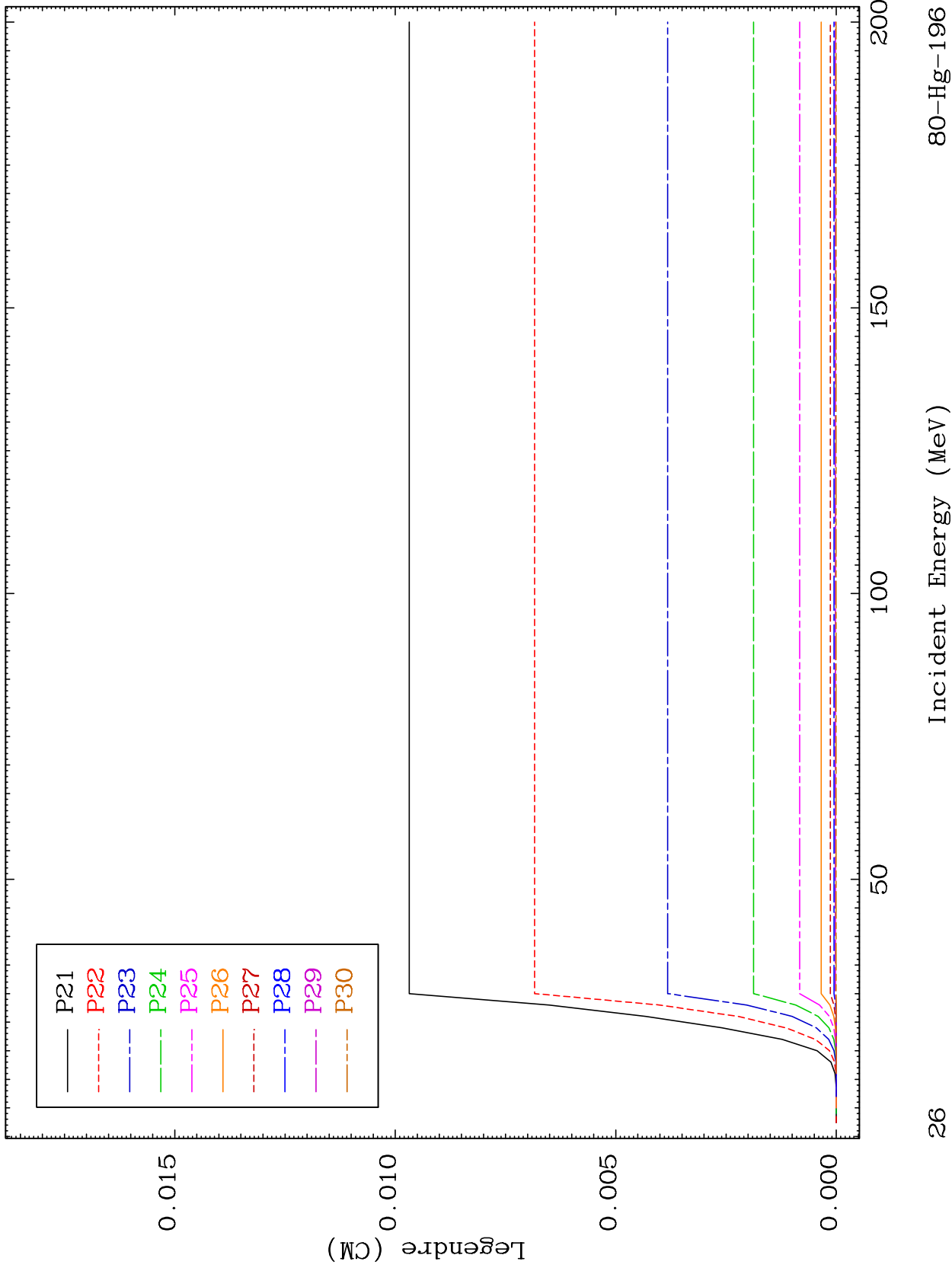
80-Hg-196



MAT 8025

958.4 keV (n,n') Level  
Legendre Coefficients

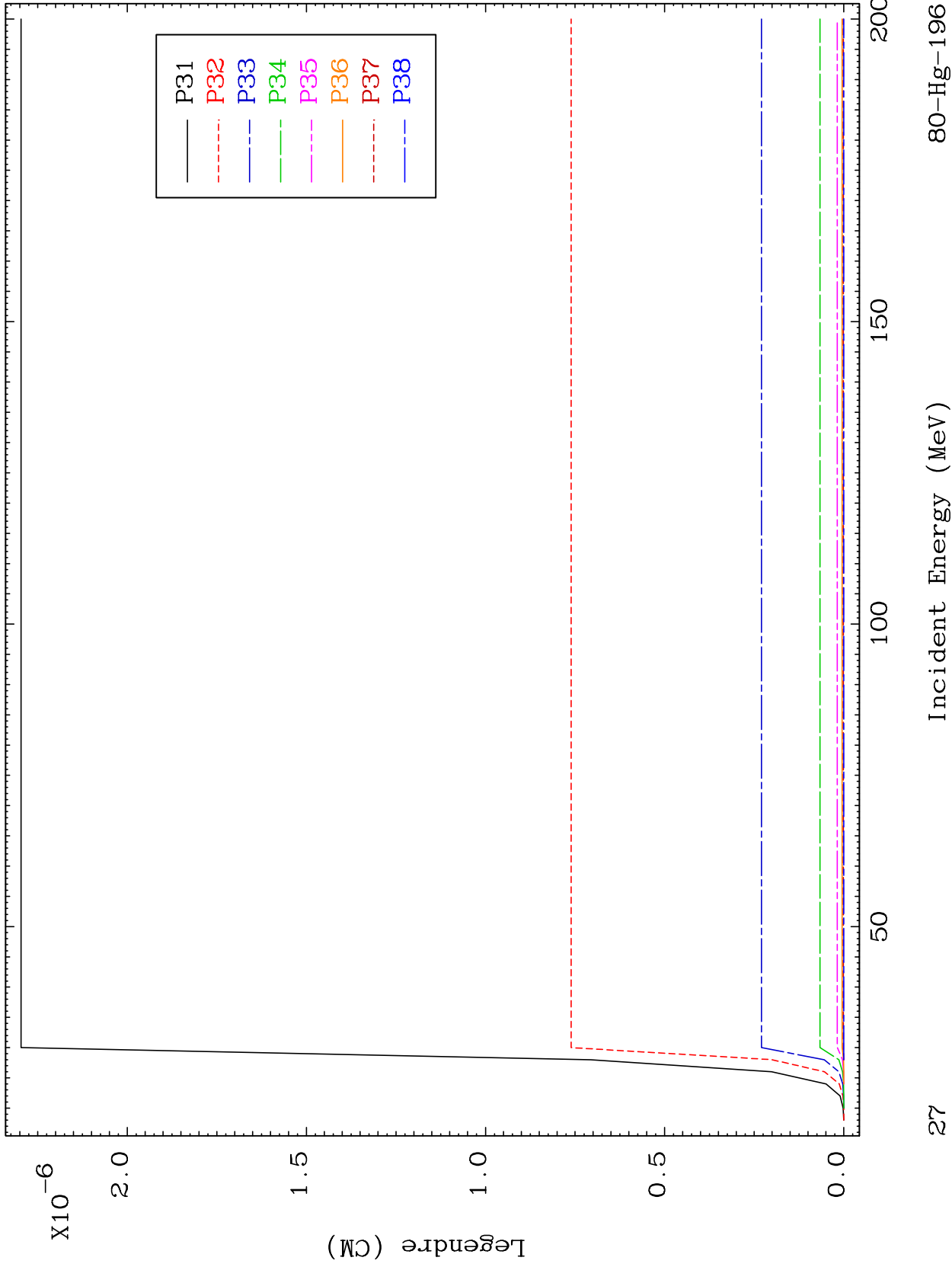
80-Hg-196



26

Incident Energy (MeV)

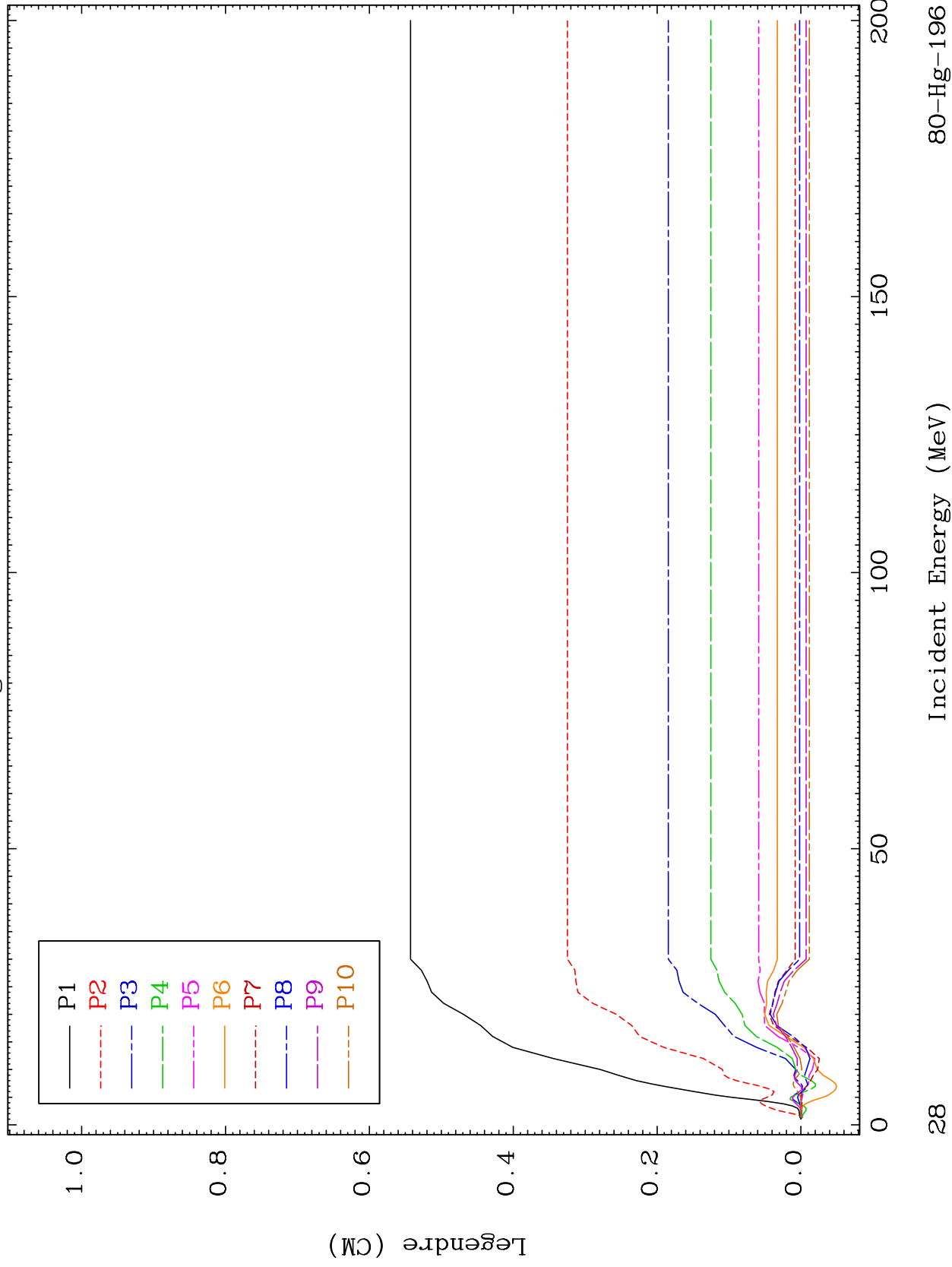
80-Hg-196



MAT 8025

1.037 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



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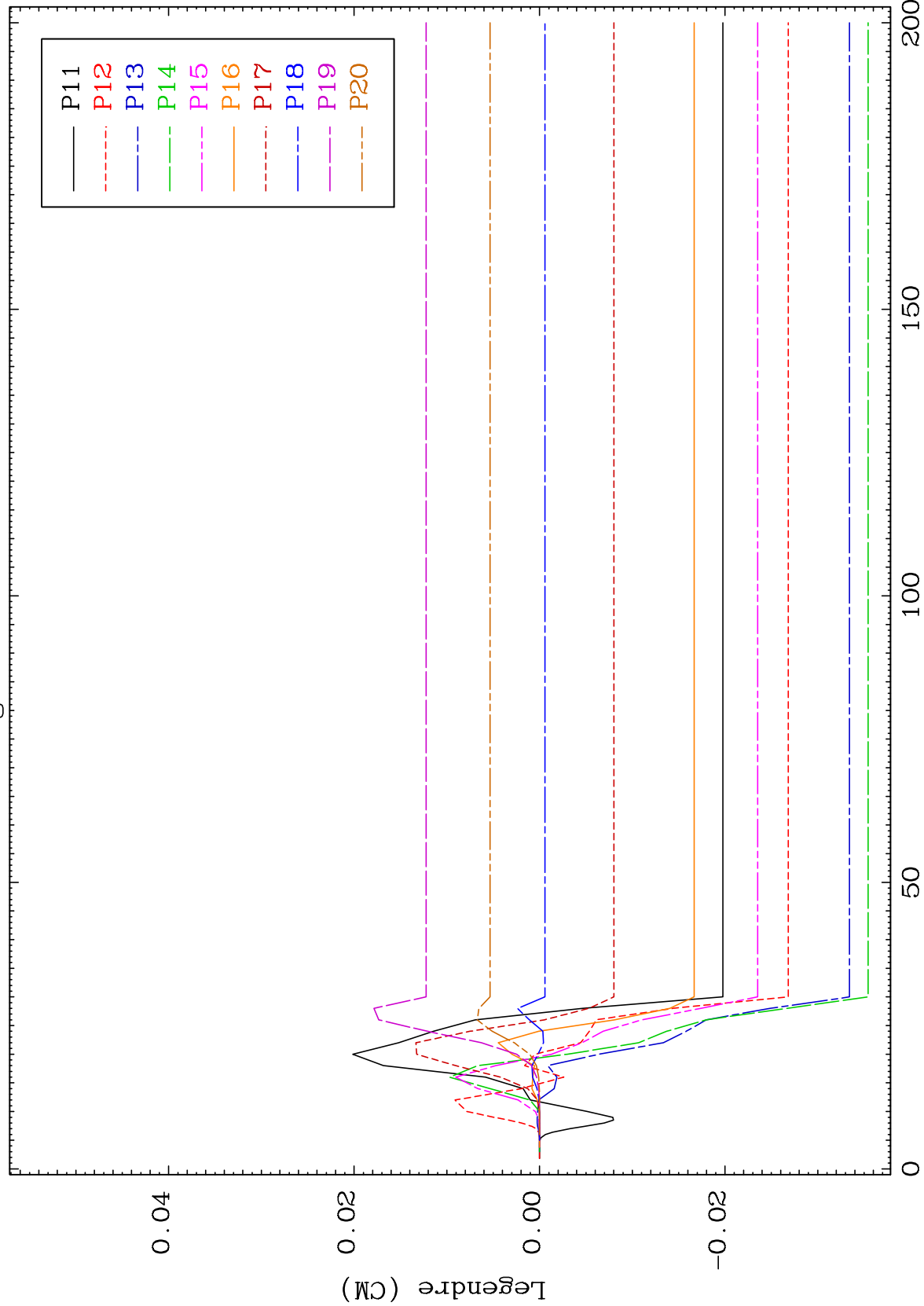
Incident Energy (MeV)

80-Hg-196

MAT 8025

1.037 MeV (n, n') Level  
Legendre Coefficients

80-Hg-196

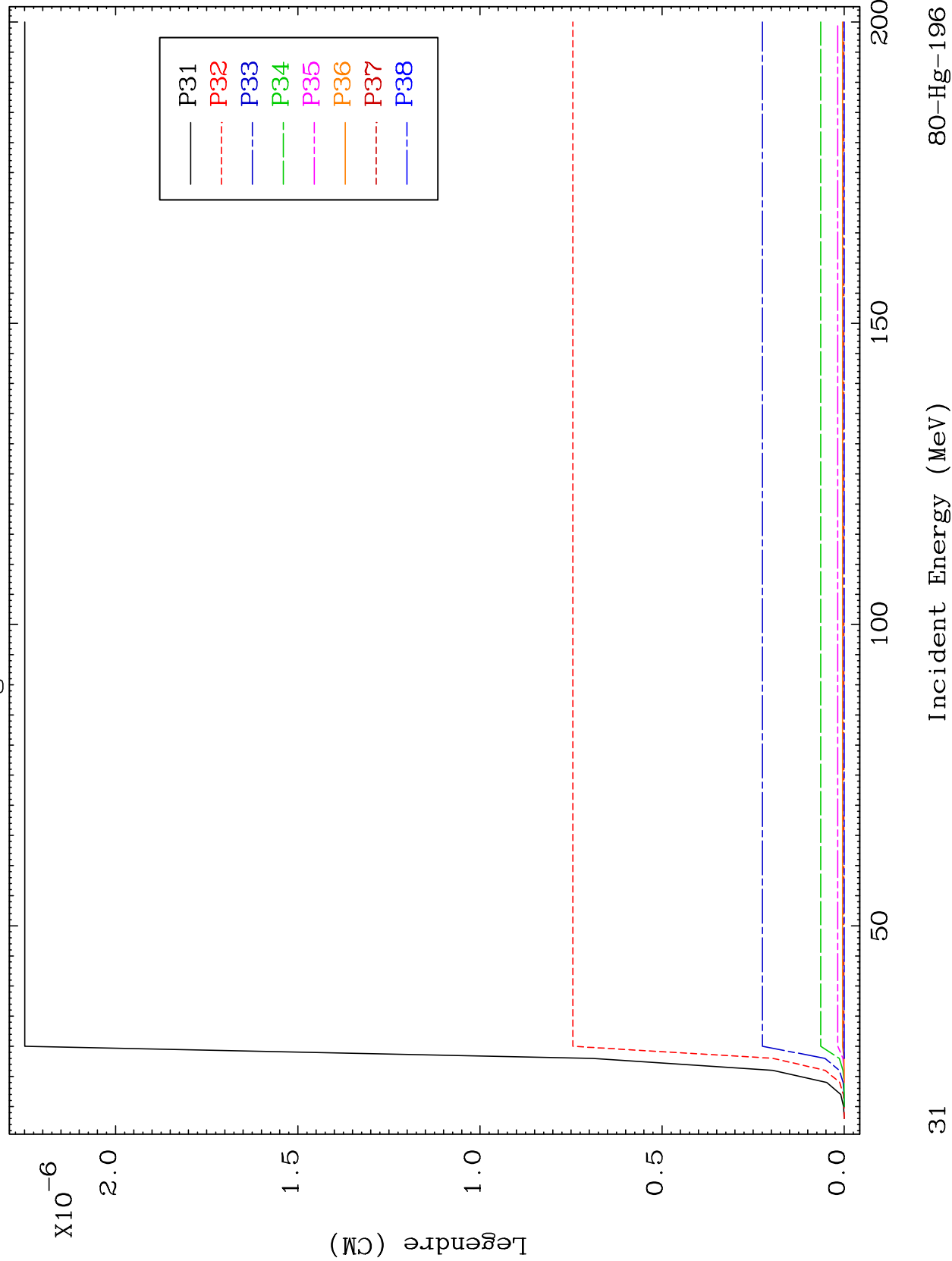


29

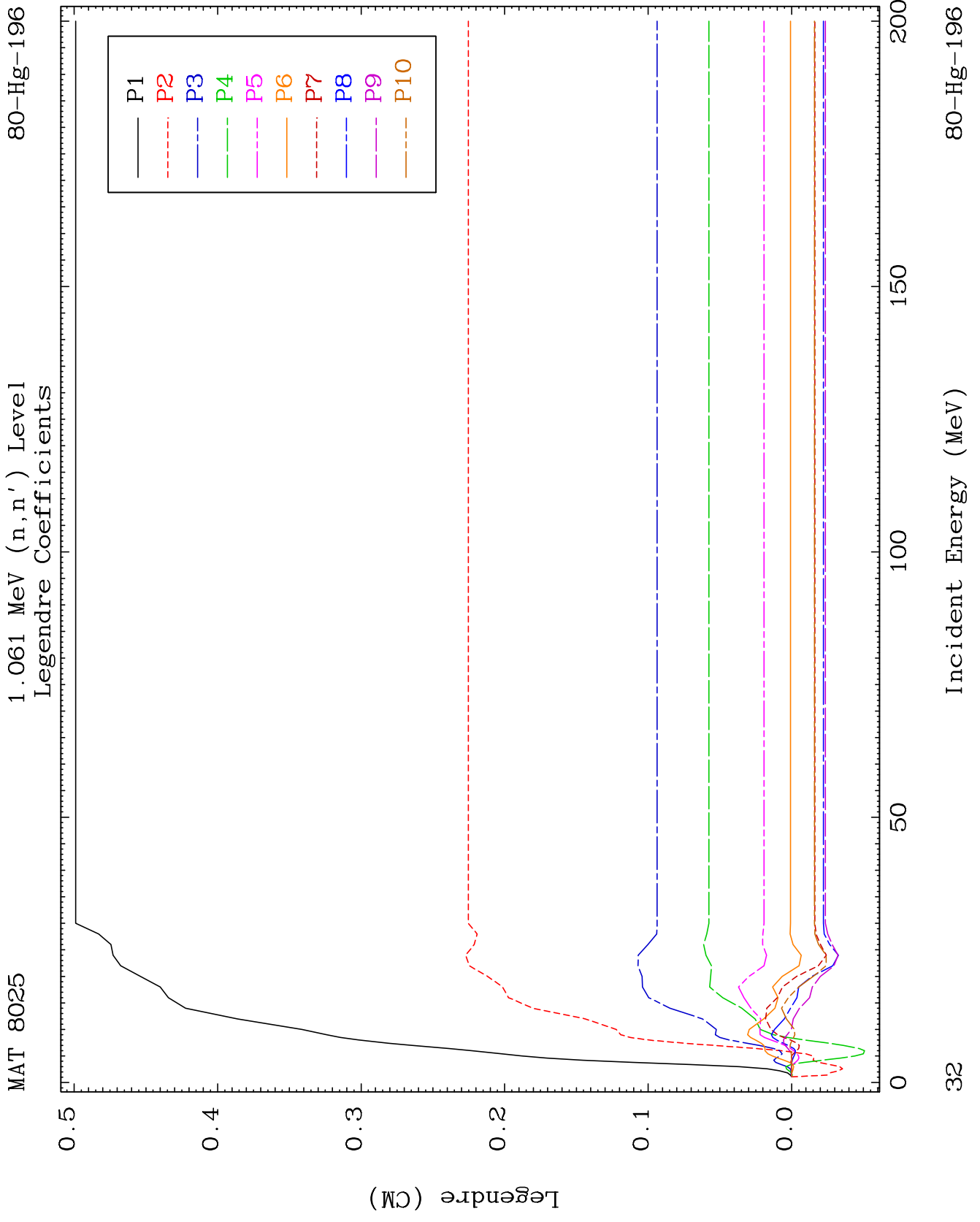
Incident Energy (MeV)

80-Hg-196





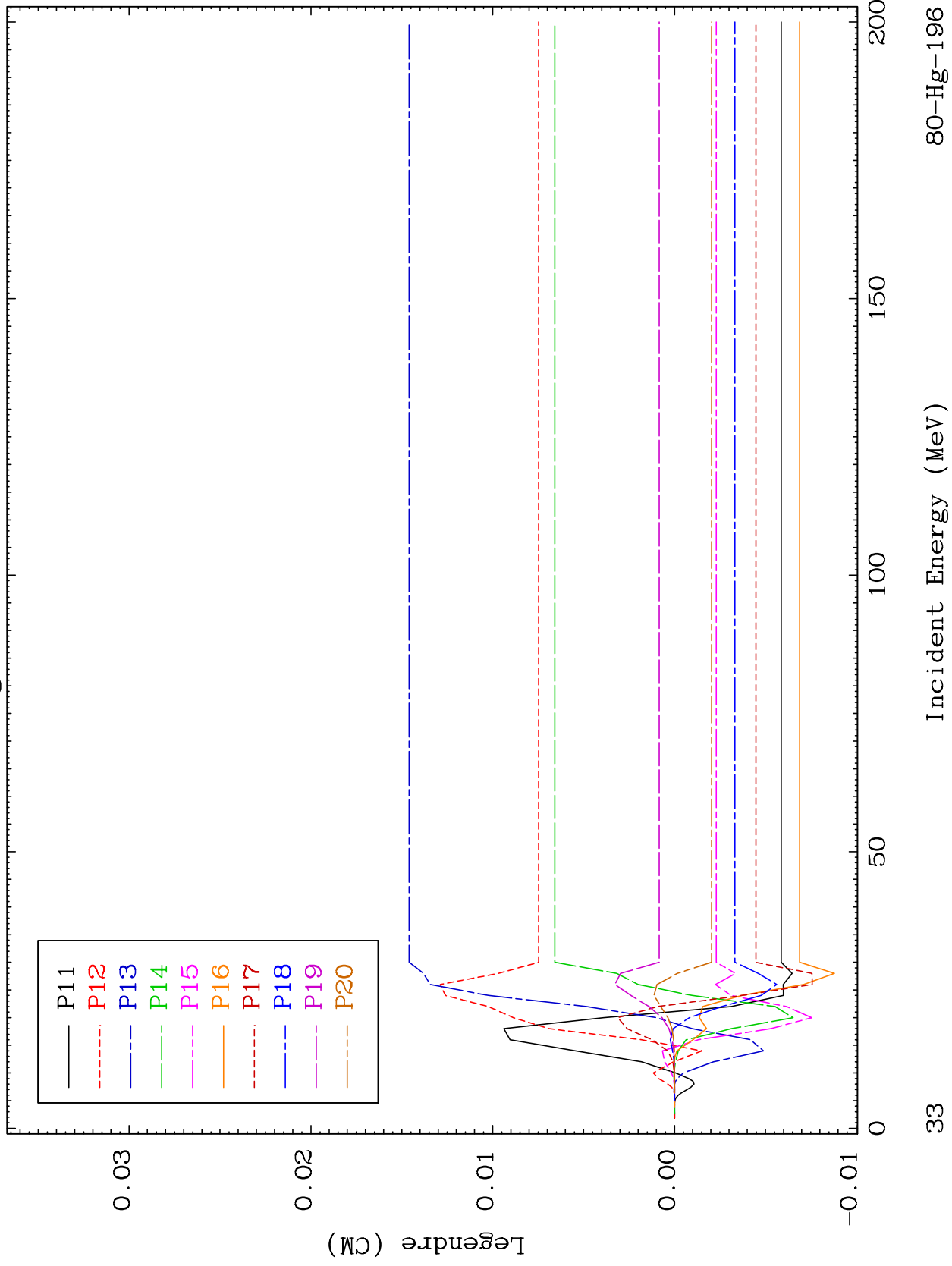




MAT 8025

1.061 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



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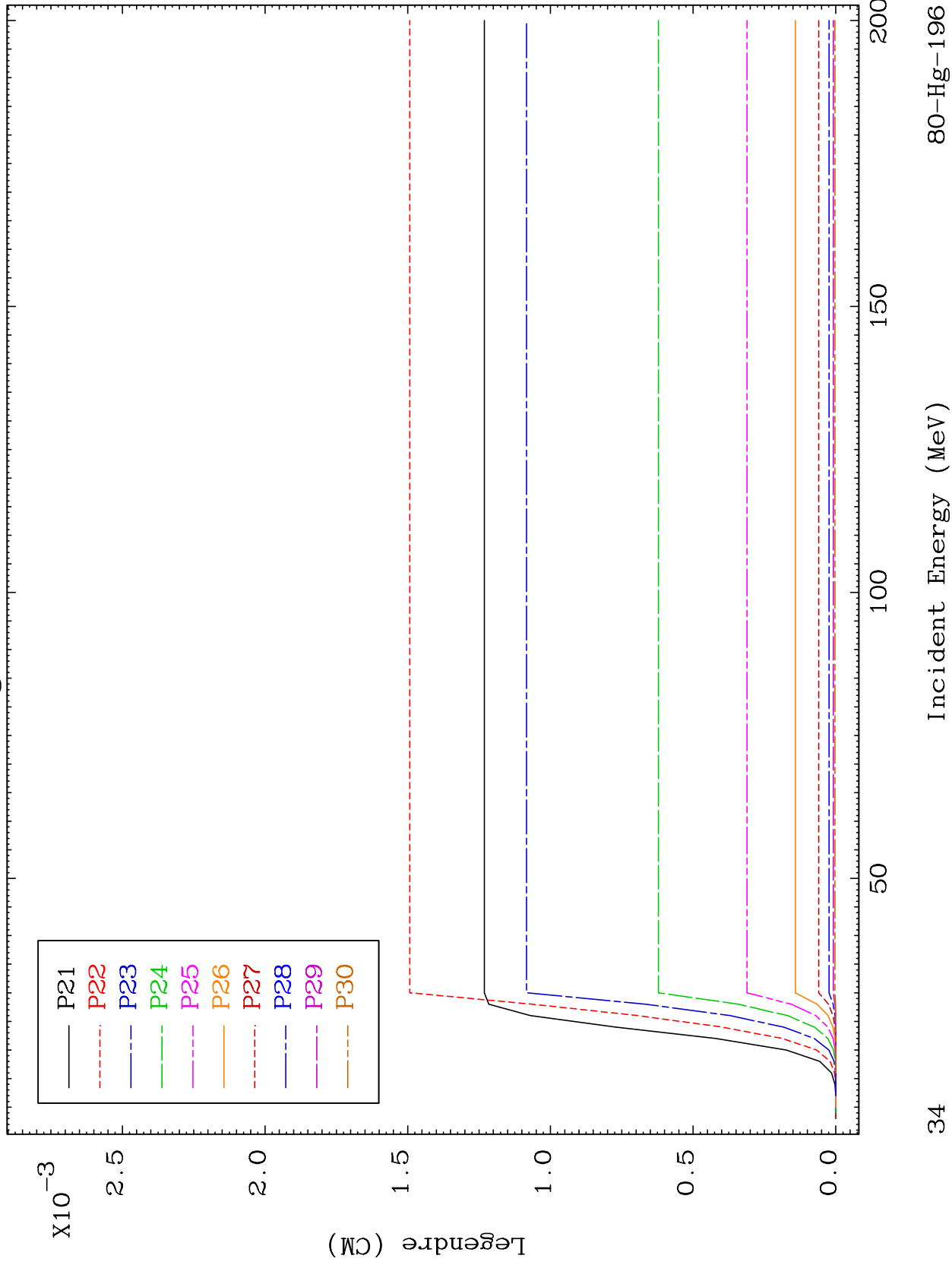
Incident Energy (MeV)

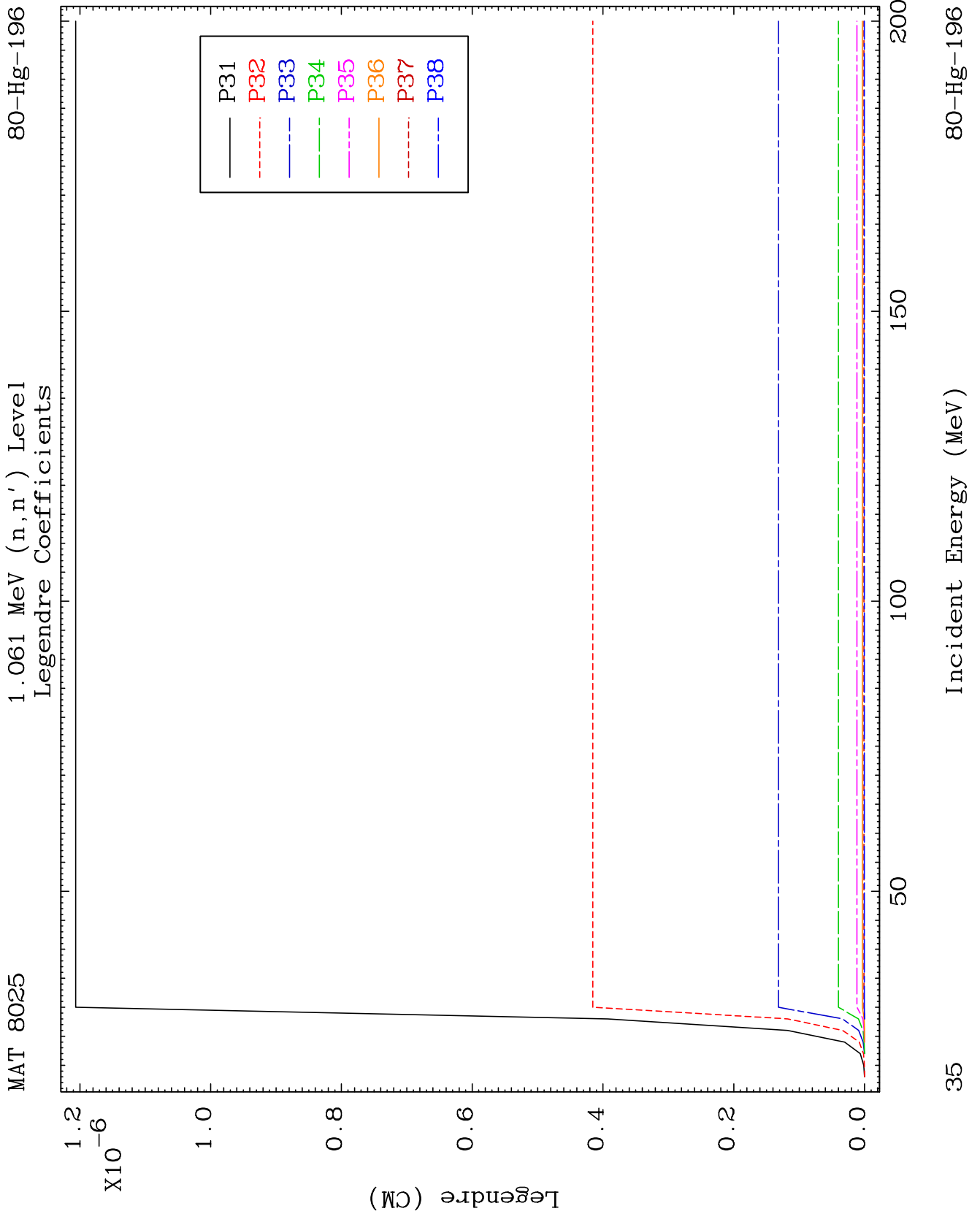
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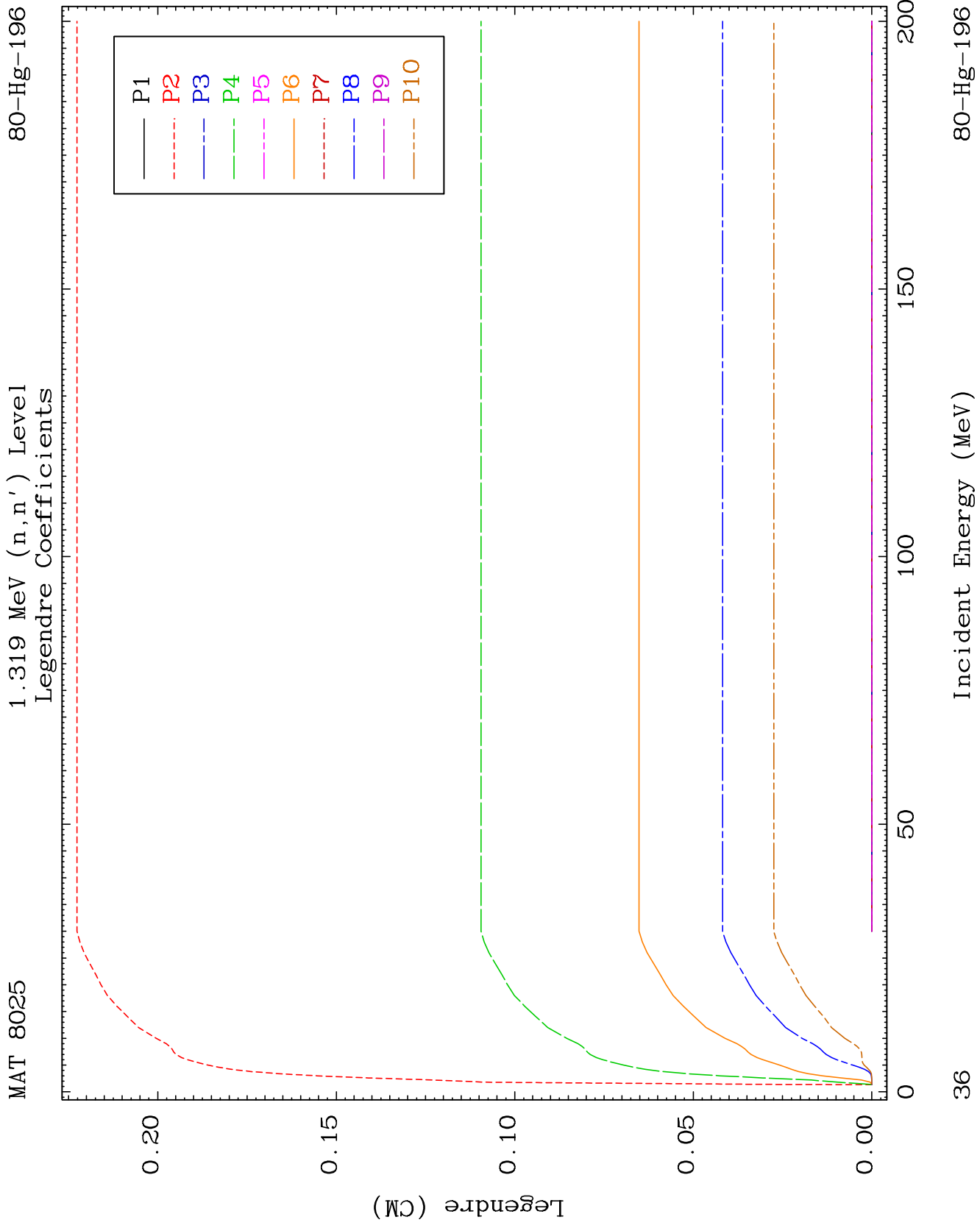
MAT 8025

1.061 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



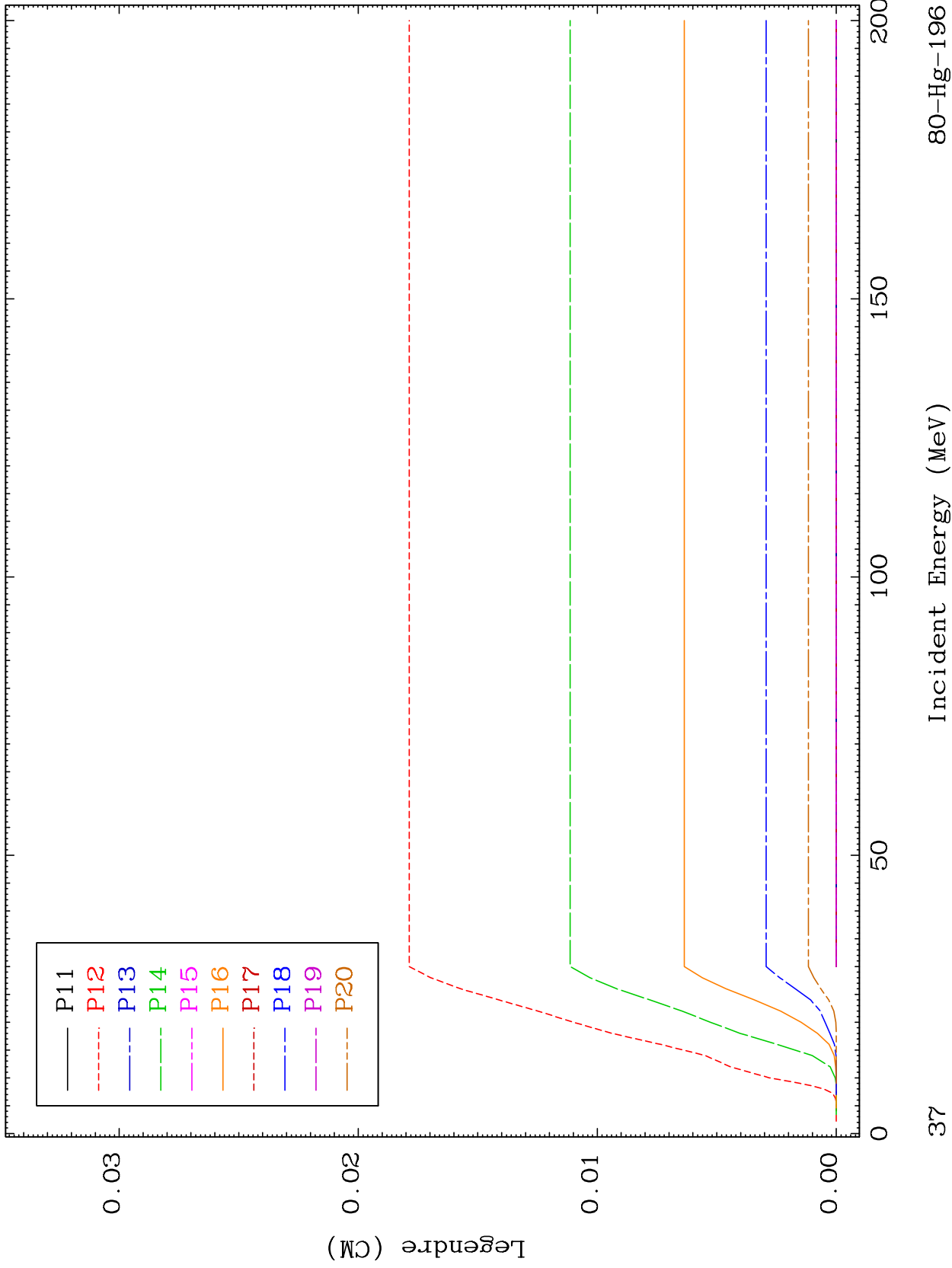




MAT 8025

1.319 MeV (n, n') Level  
Legendre Coefficients

80-Hg-196

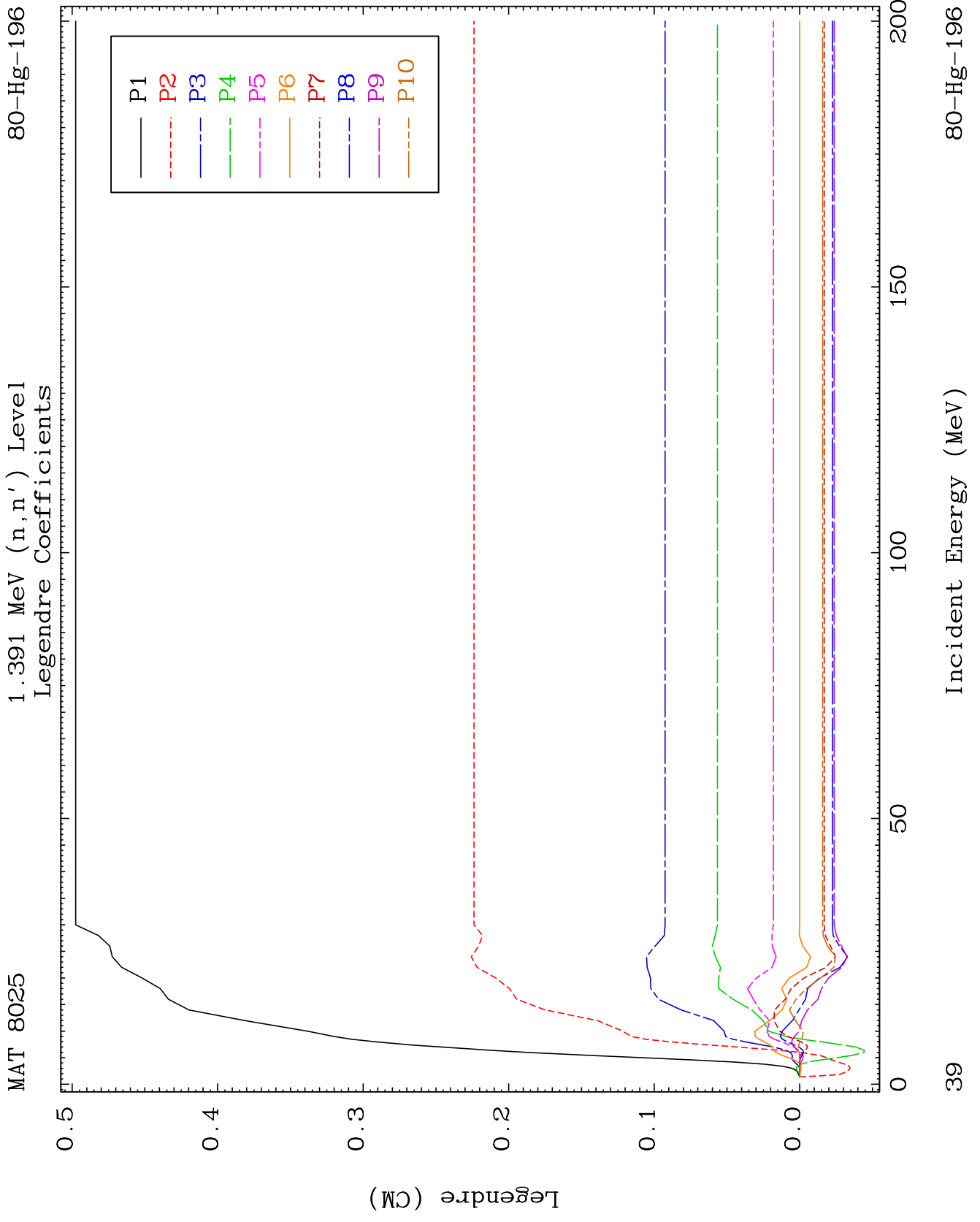


37

Incident Energy (MeV)

80-Hg-196



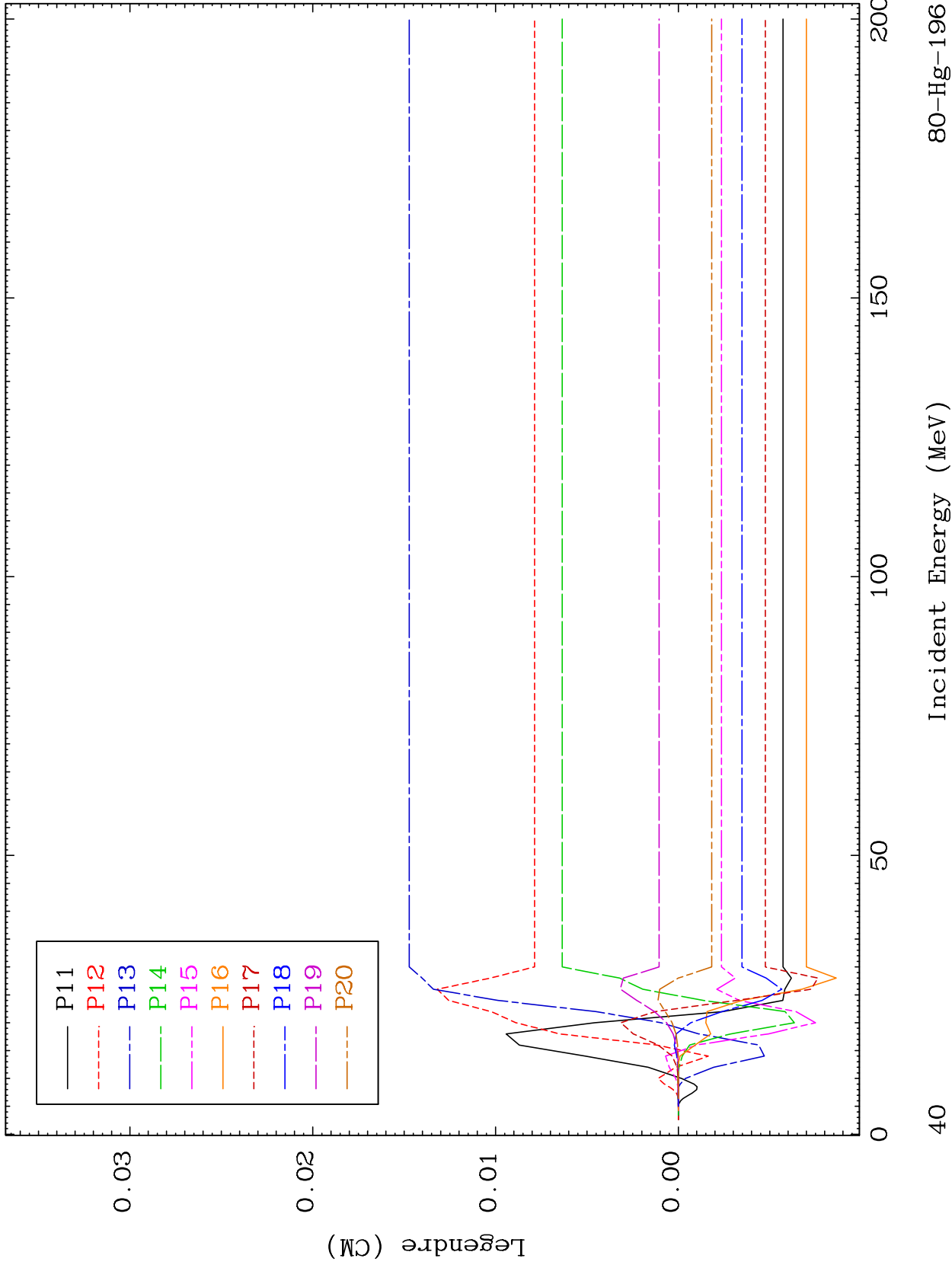




MAT 8025

1.391 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



80-Hg-196

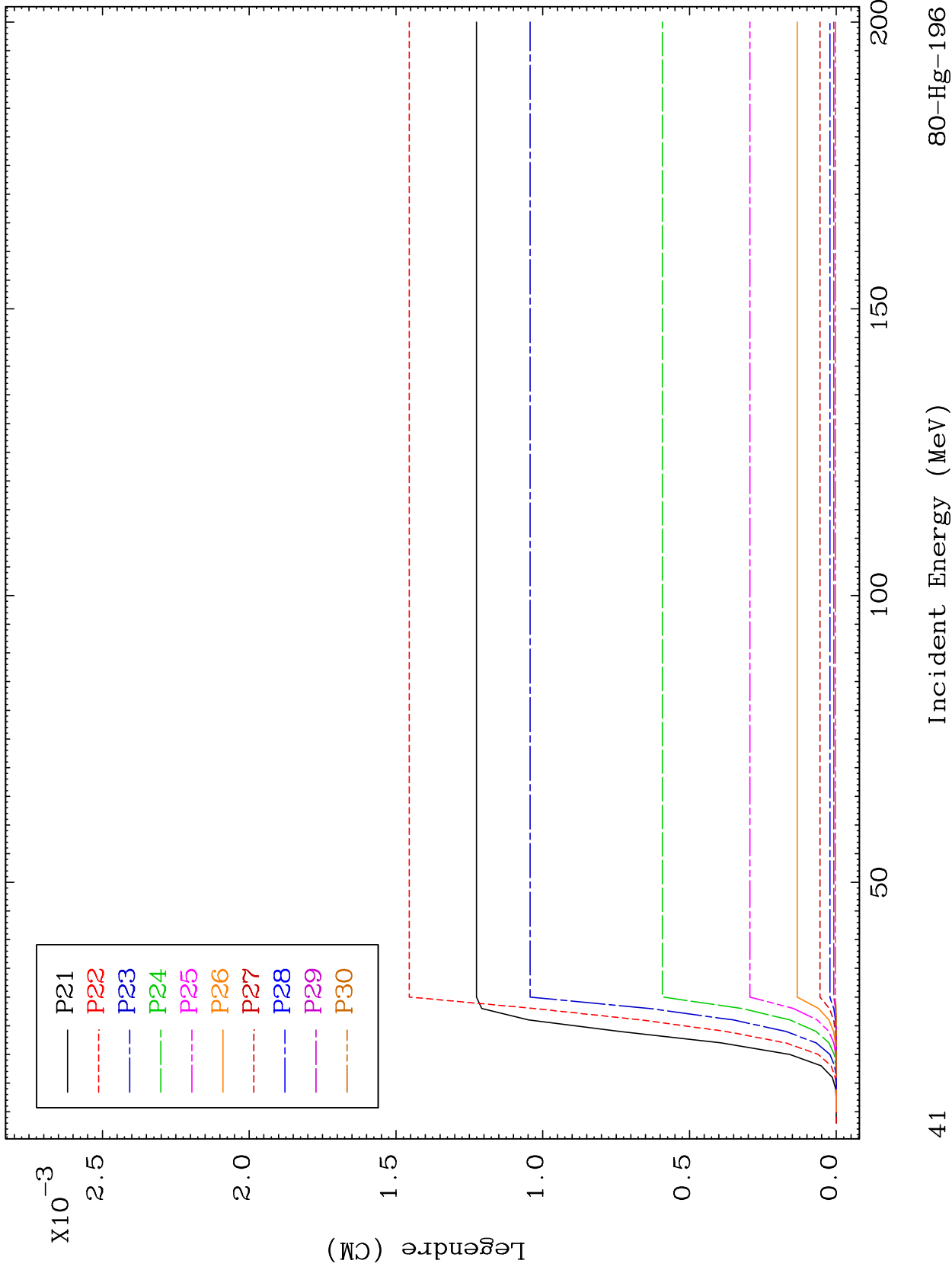
Incident Energy (MeV)

40

MAT 8025

1.391 MeV (n,n') Level  
Legendre Coefficients

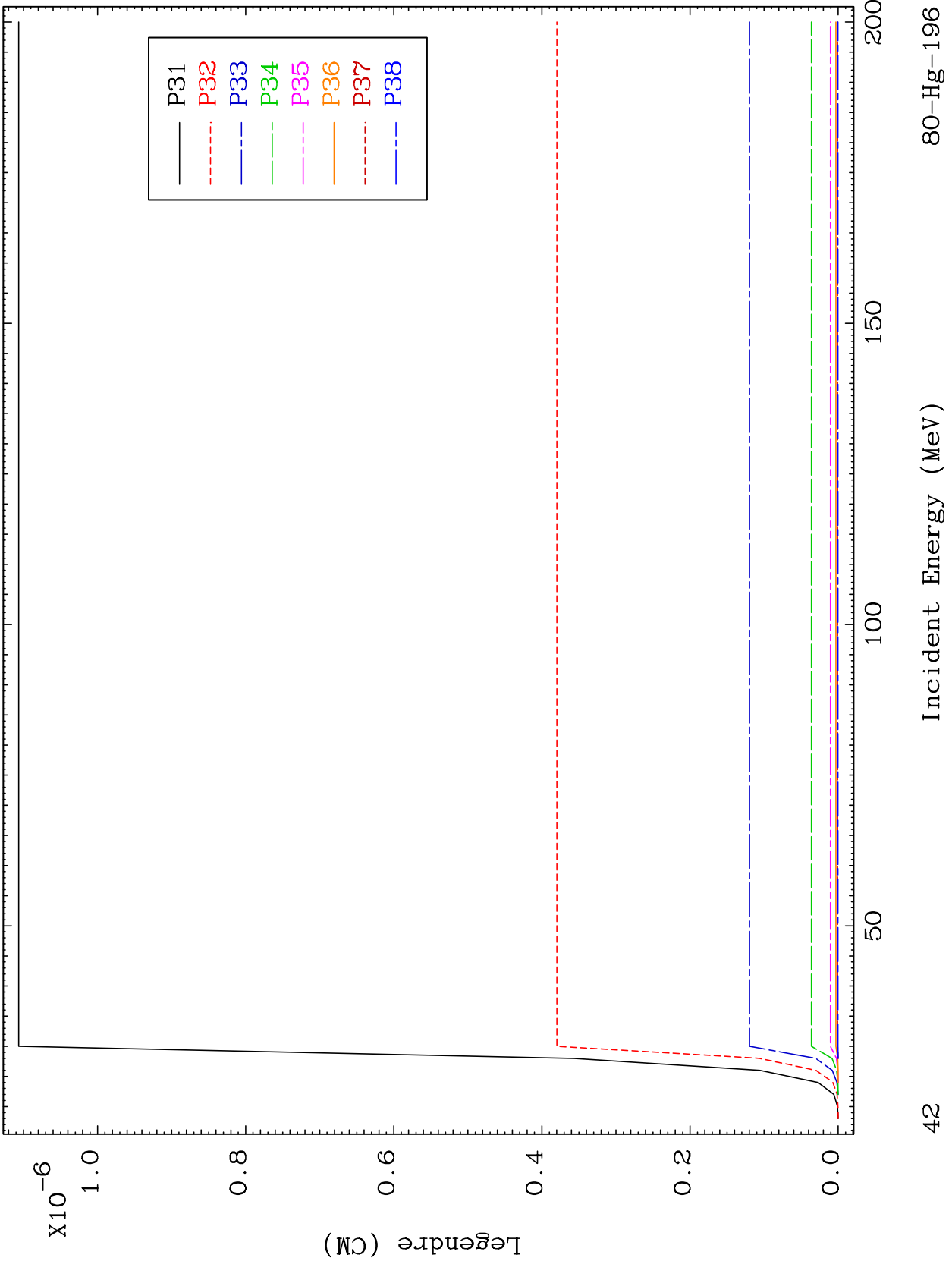
80-Hg-196

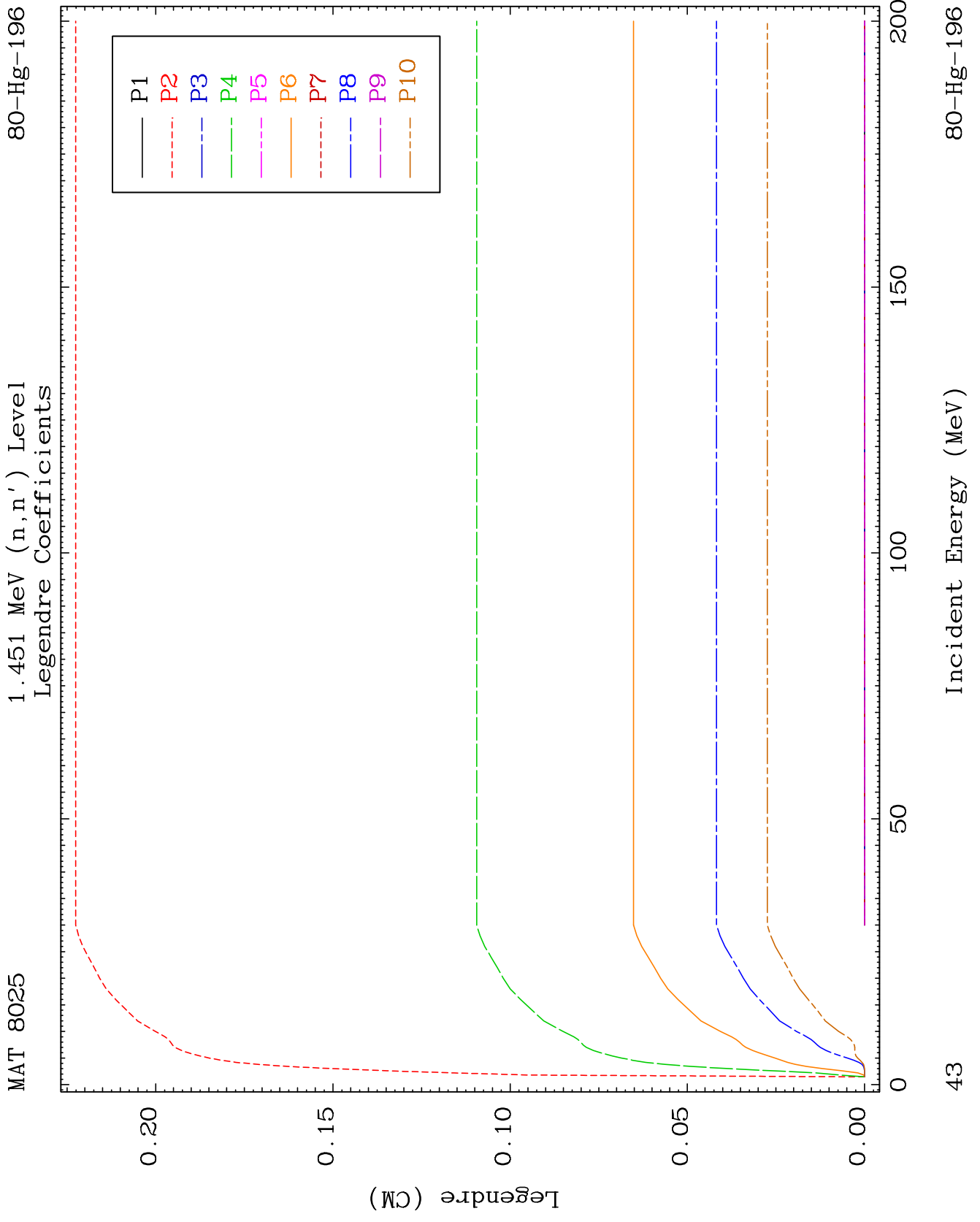


MAT 8025

1.391 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196

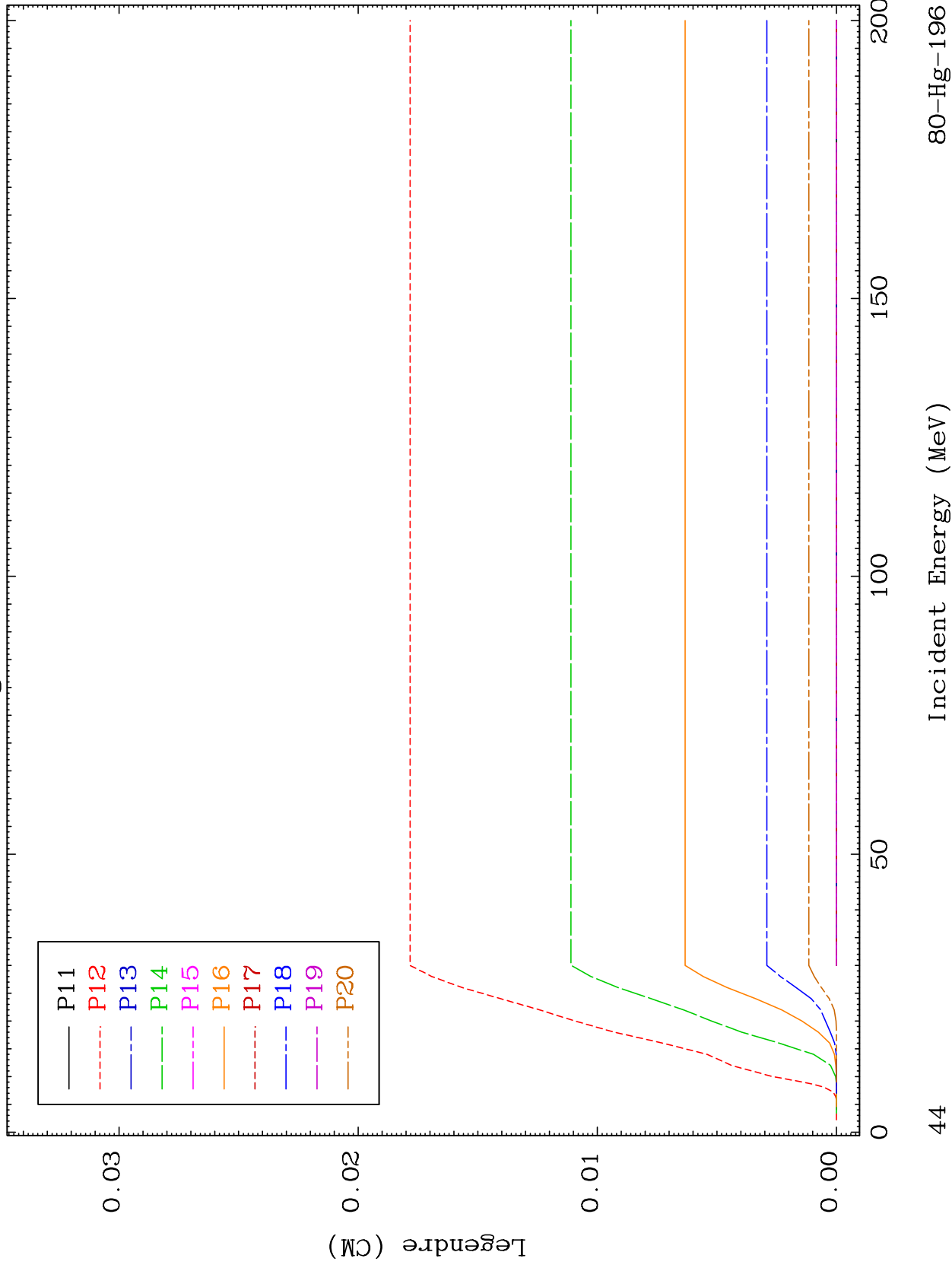




MAT 8025

1.451 MeV (n, n') Level  
Legendre Coefficients

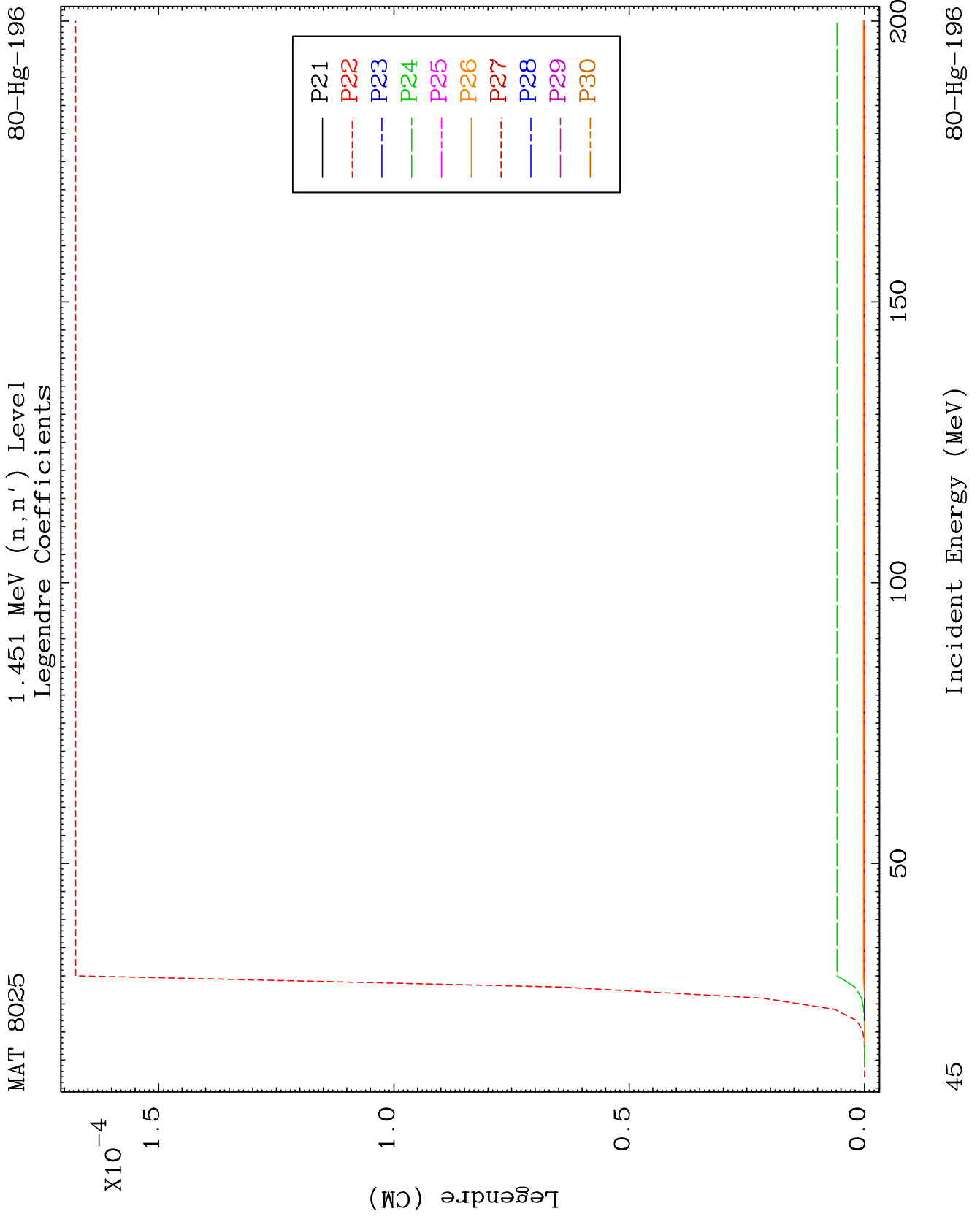
80-Hg-196



44

Incident Energy (MeV)

80-Hg-196

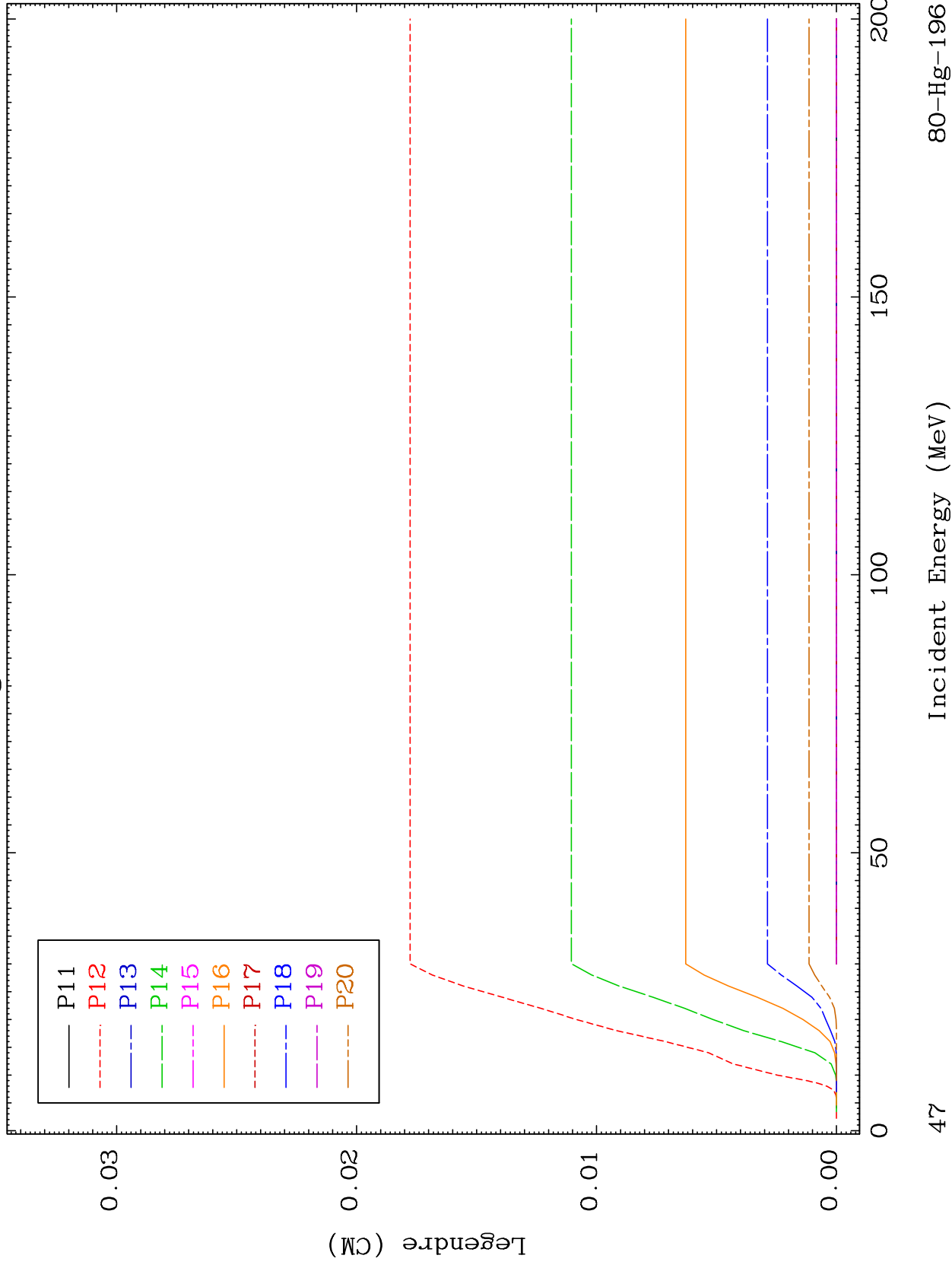




MAT 8025

1.644 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196

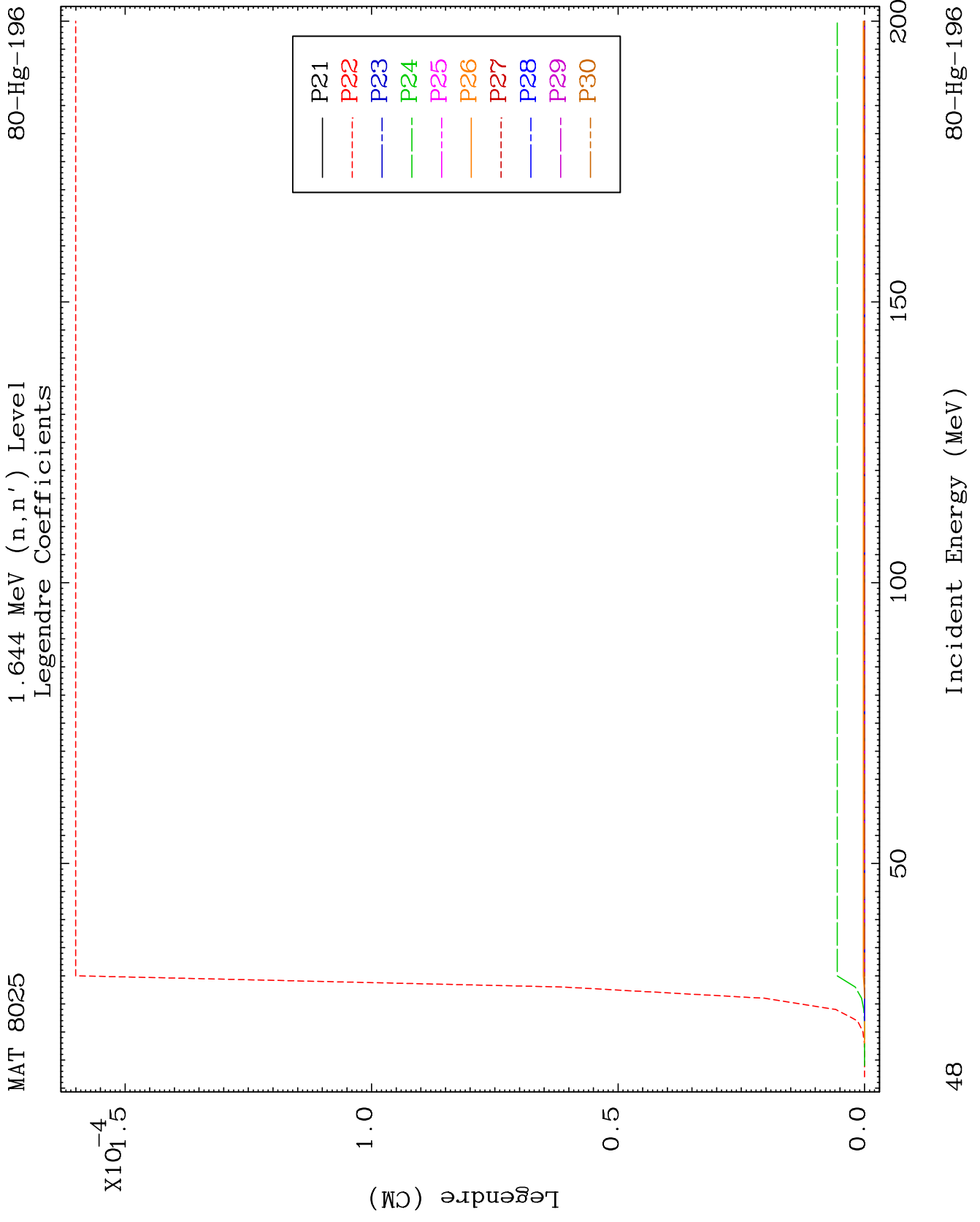


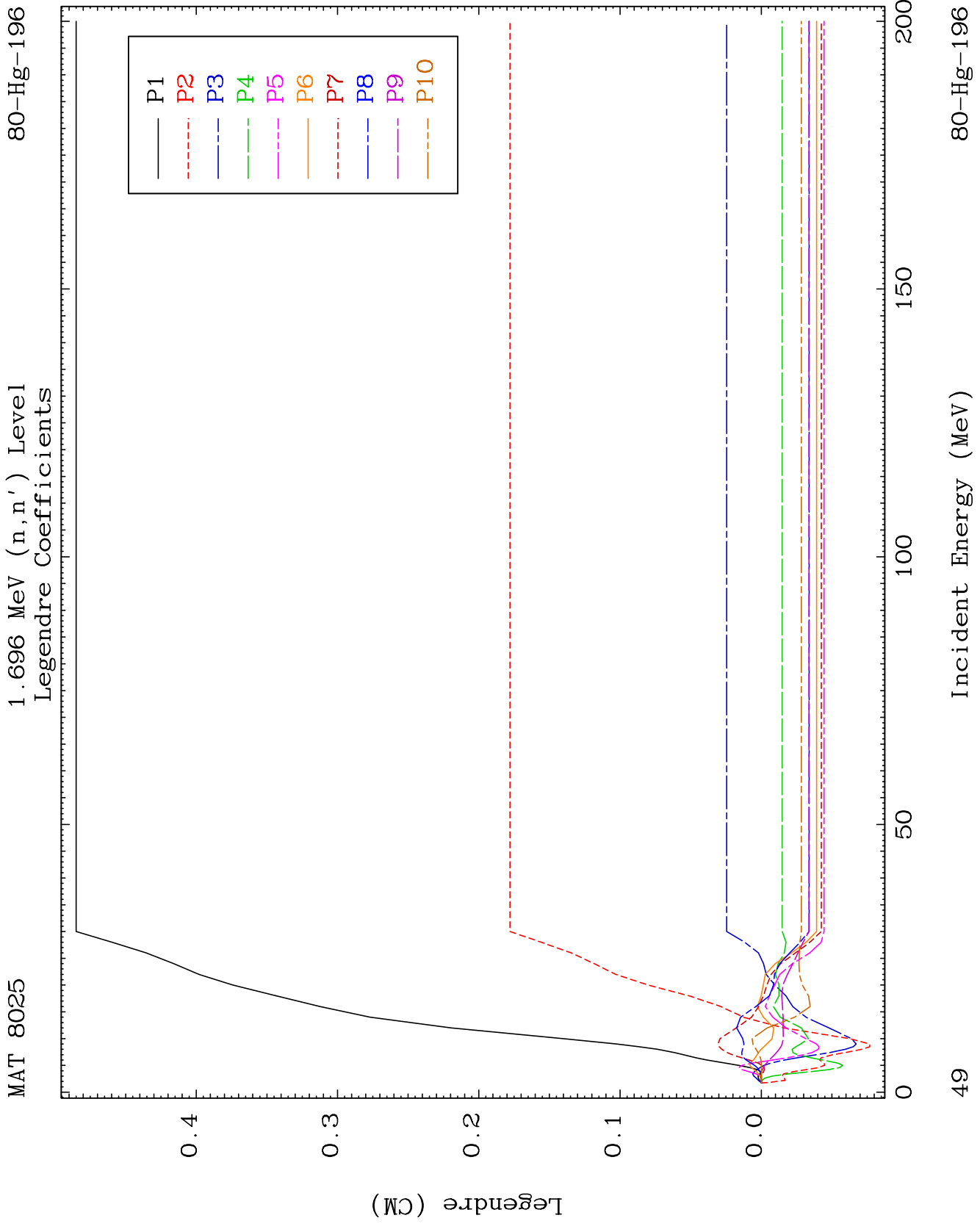
47

Incident Energy (MeV)

80-Hg-196



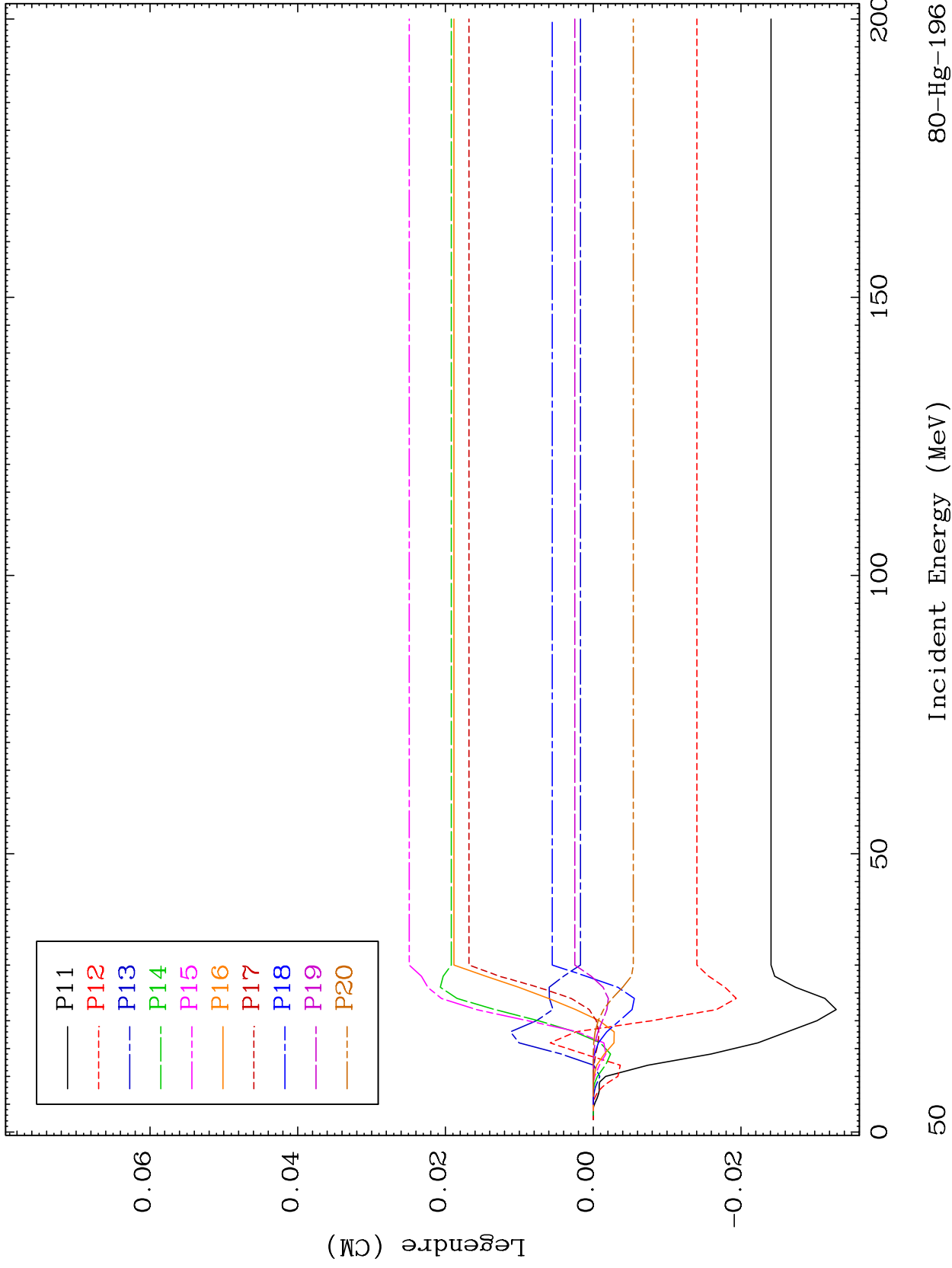


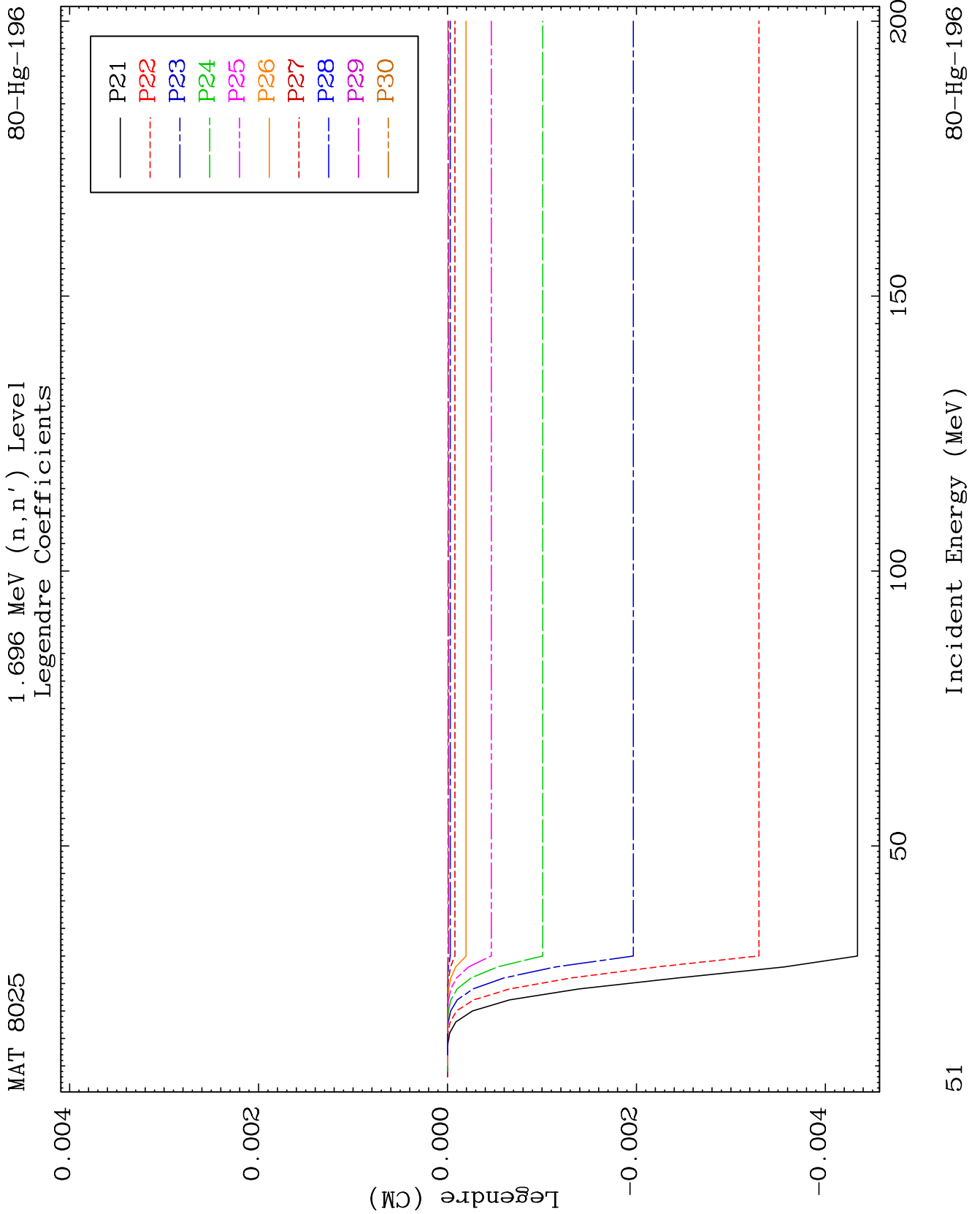


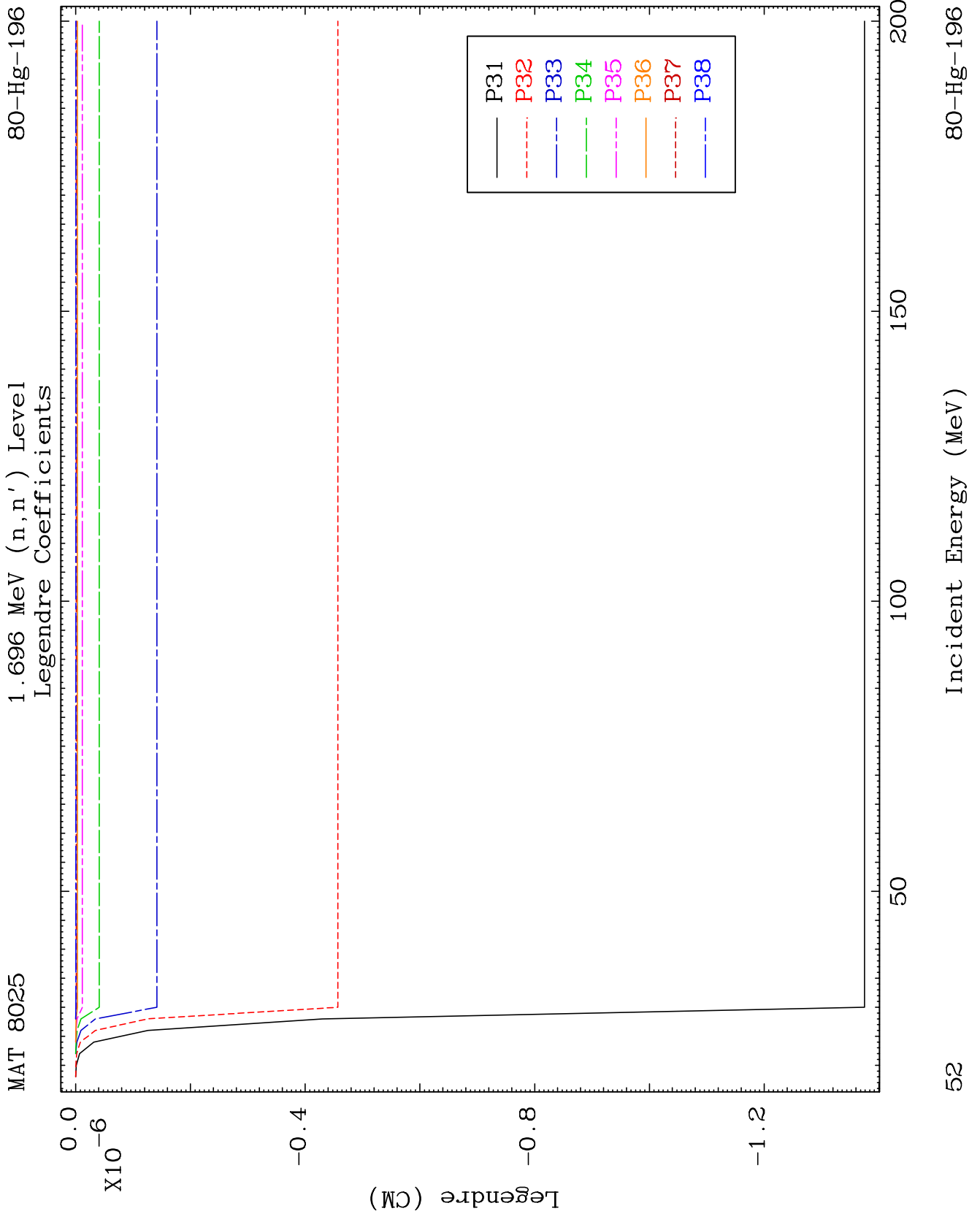
MAT 8025

1.696 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196







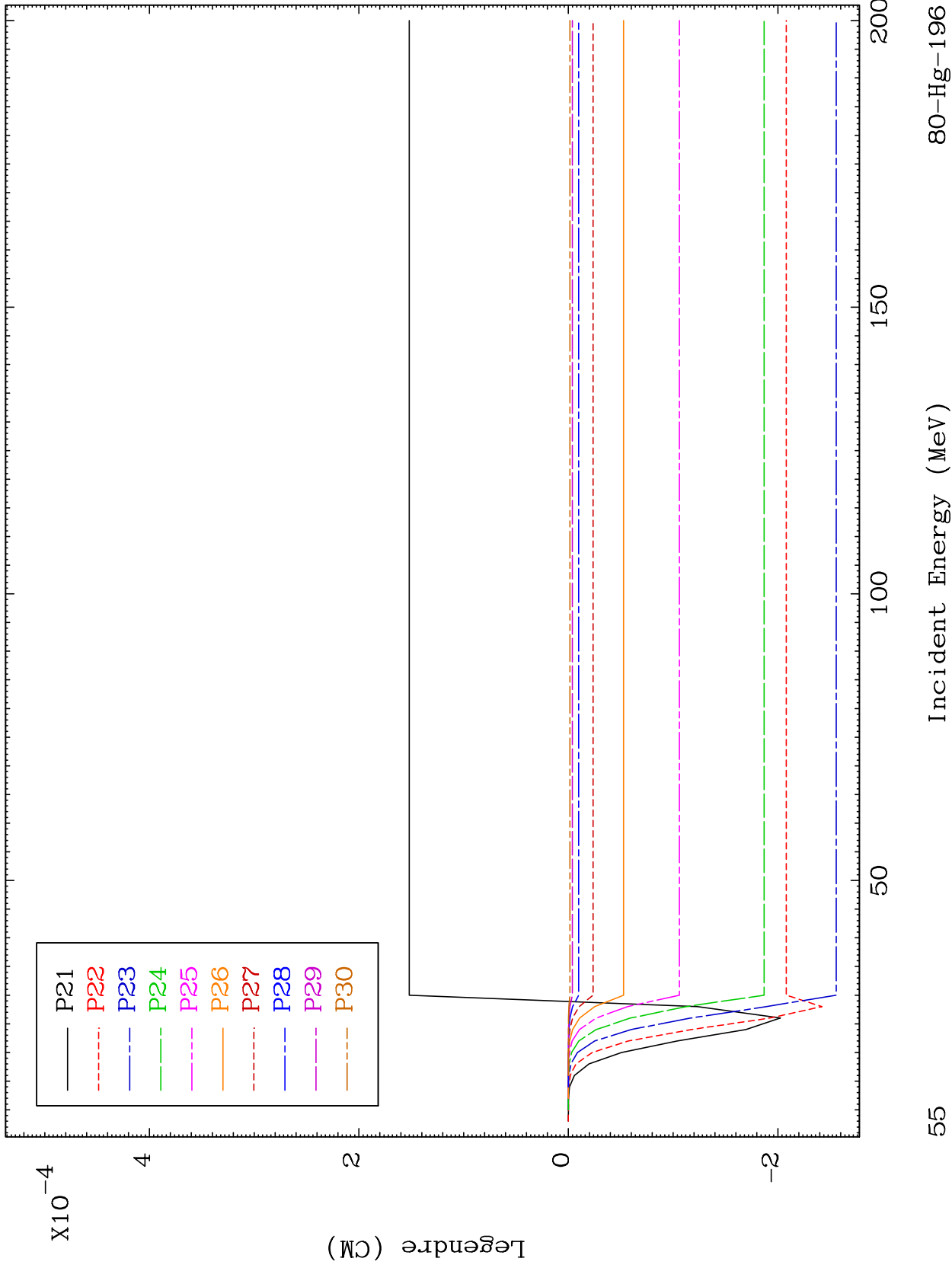




MAT 8025

1.757 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196

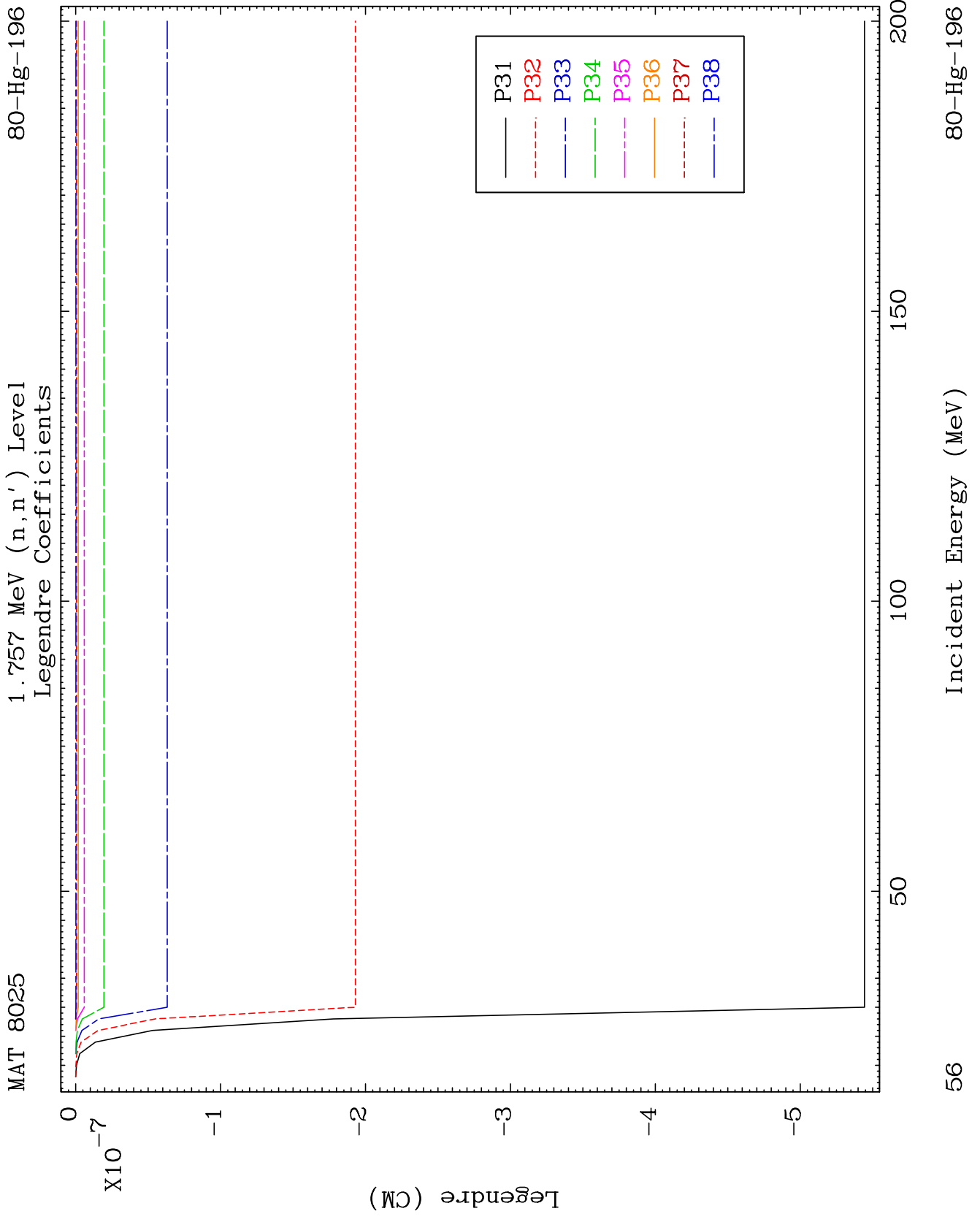


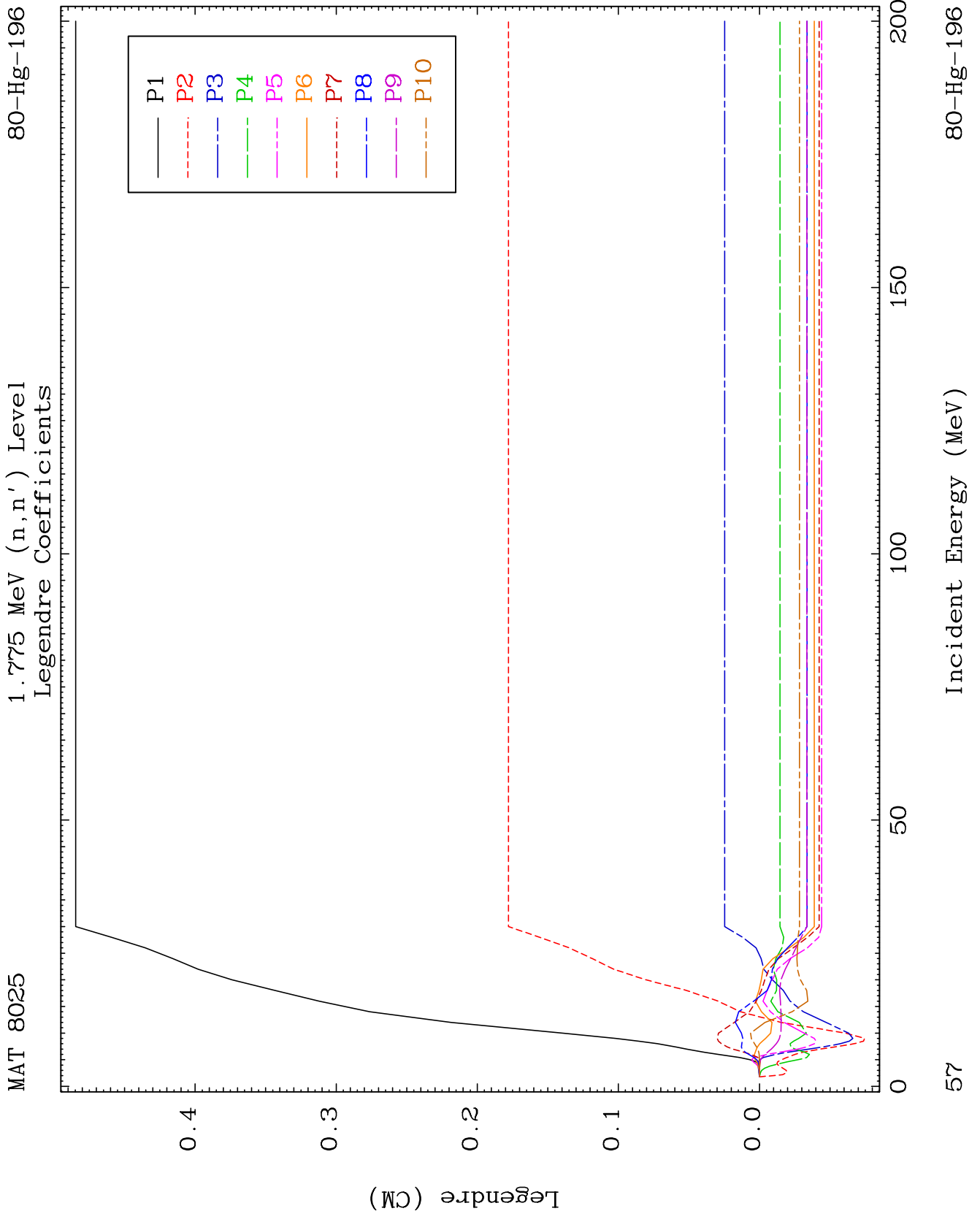
55

Incident Energy (MeV)

80-Hg-196



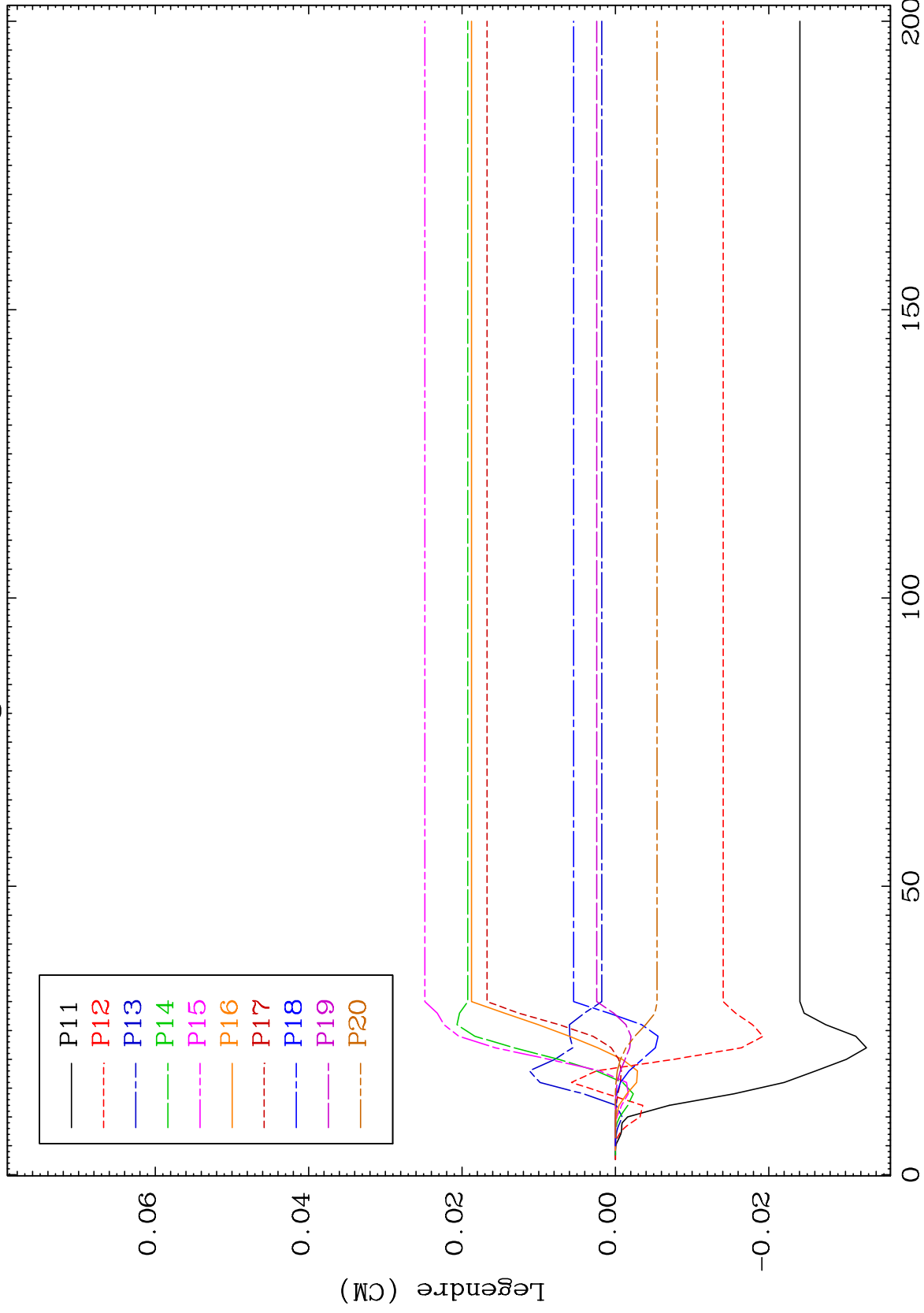




MAT 8025

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Legendre Coefficients

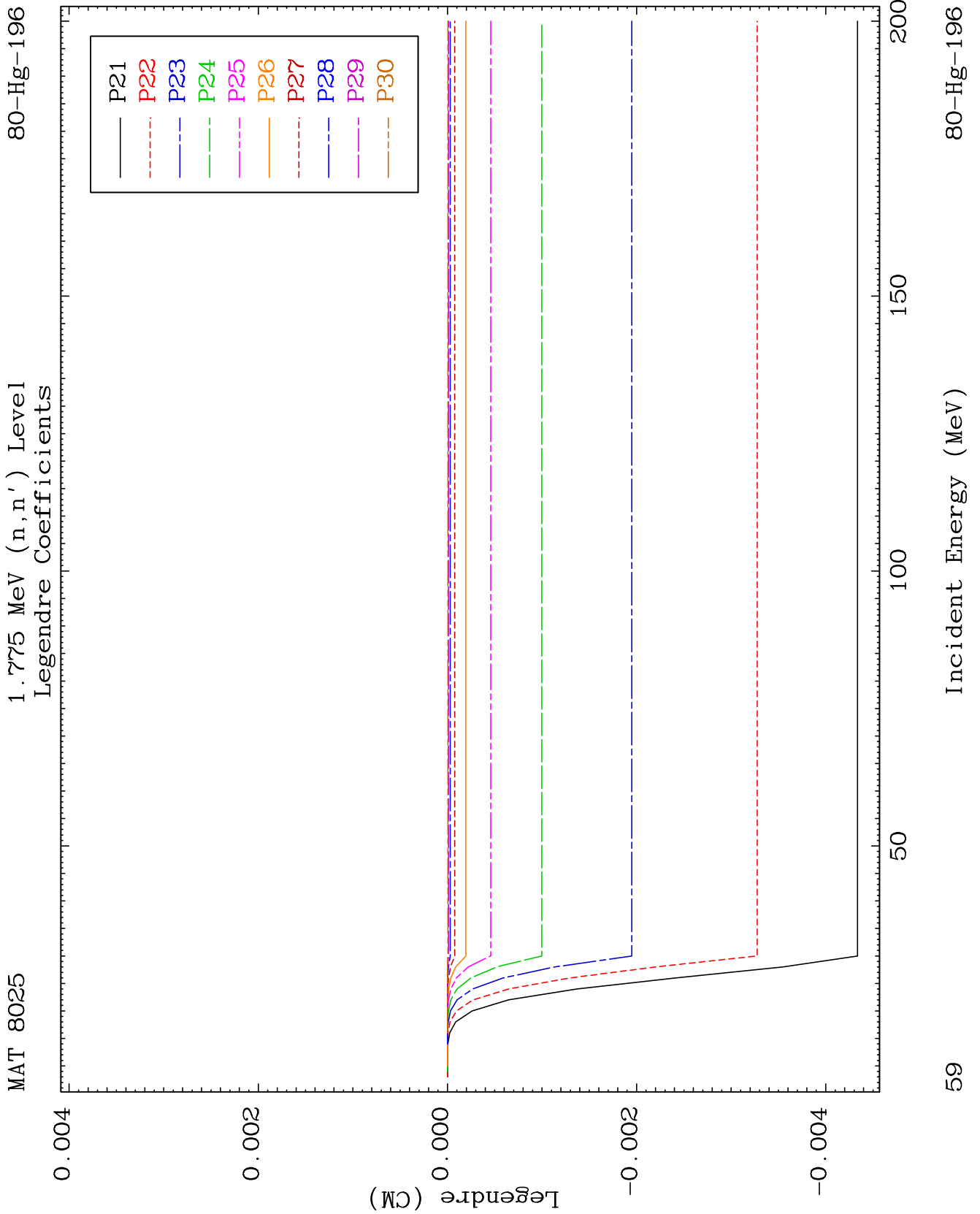
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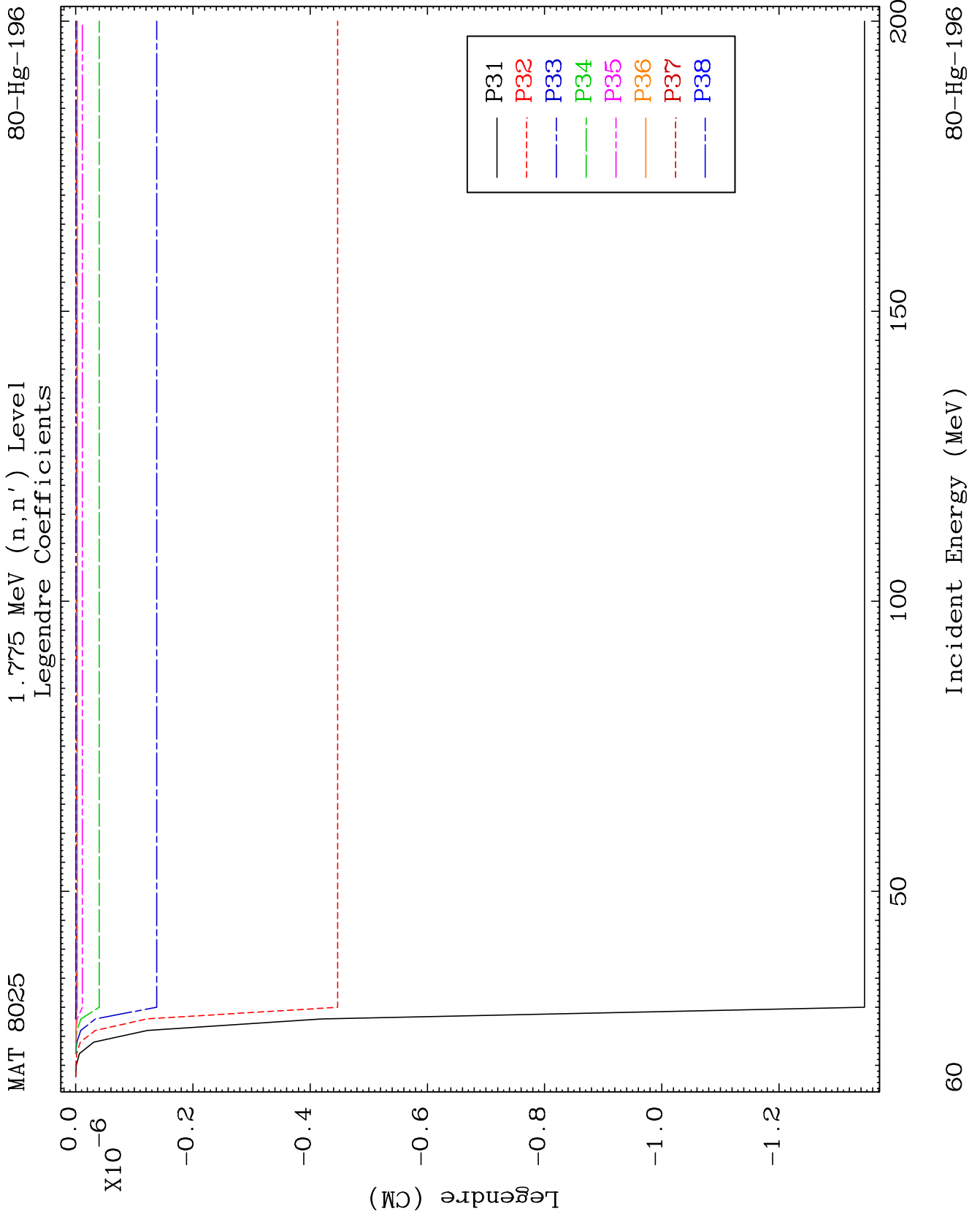


58

Incident Energy (MeV)

80-Hg-196



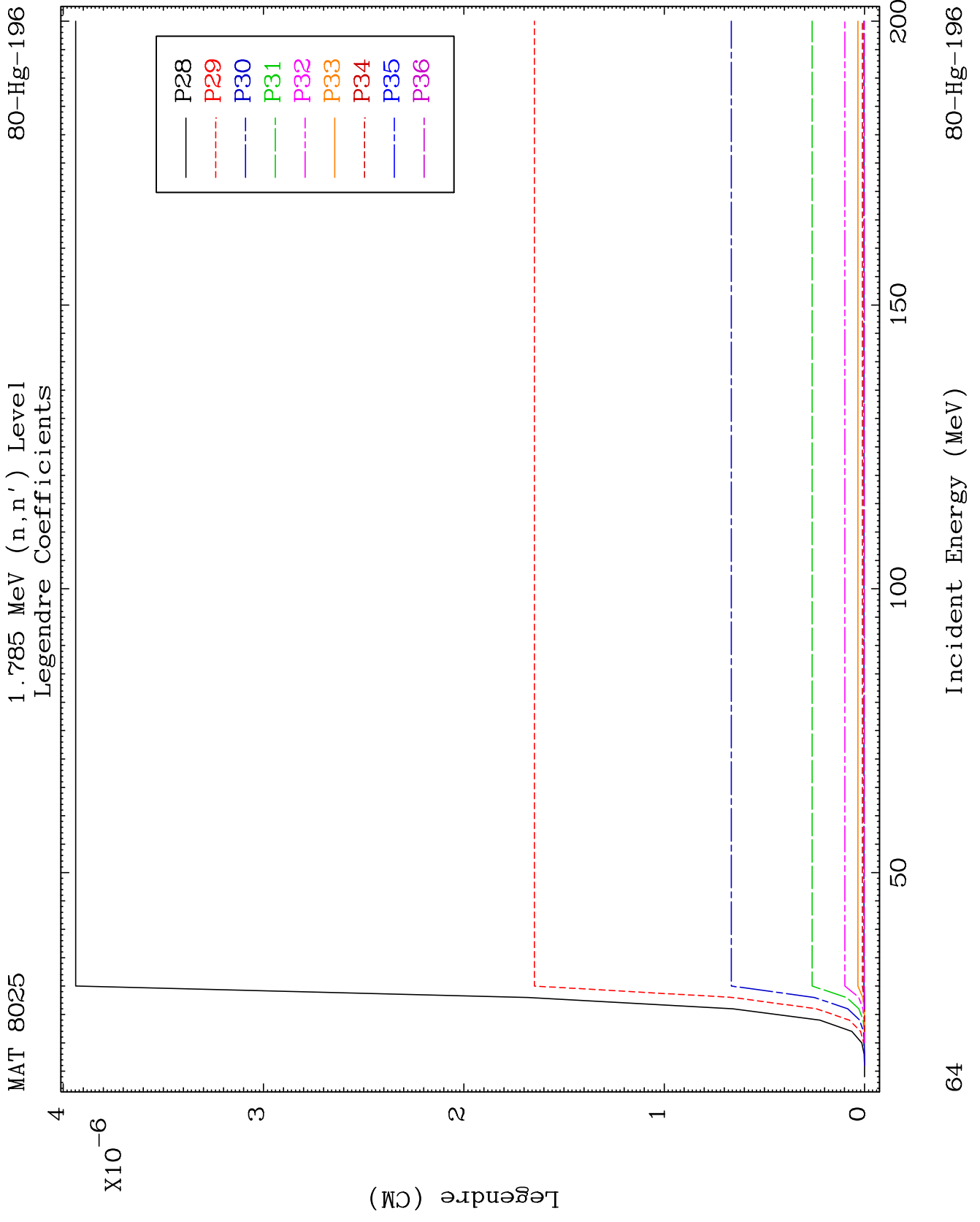


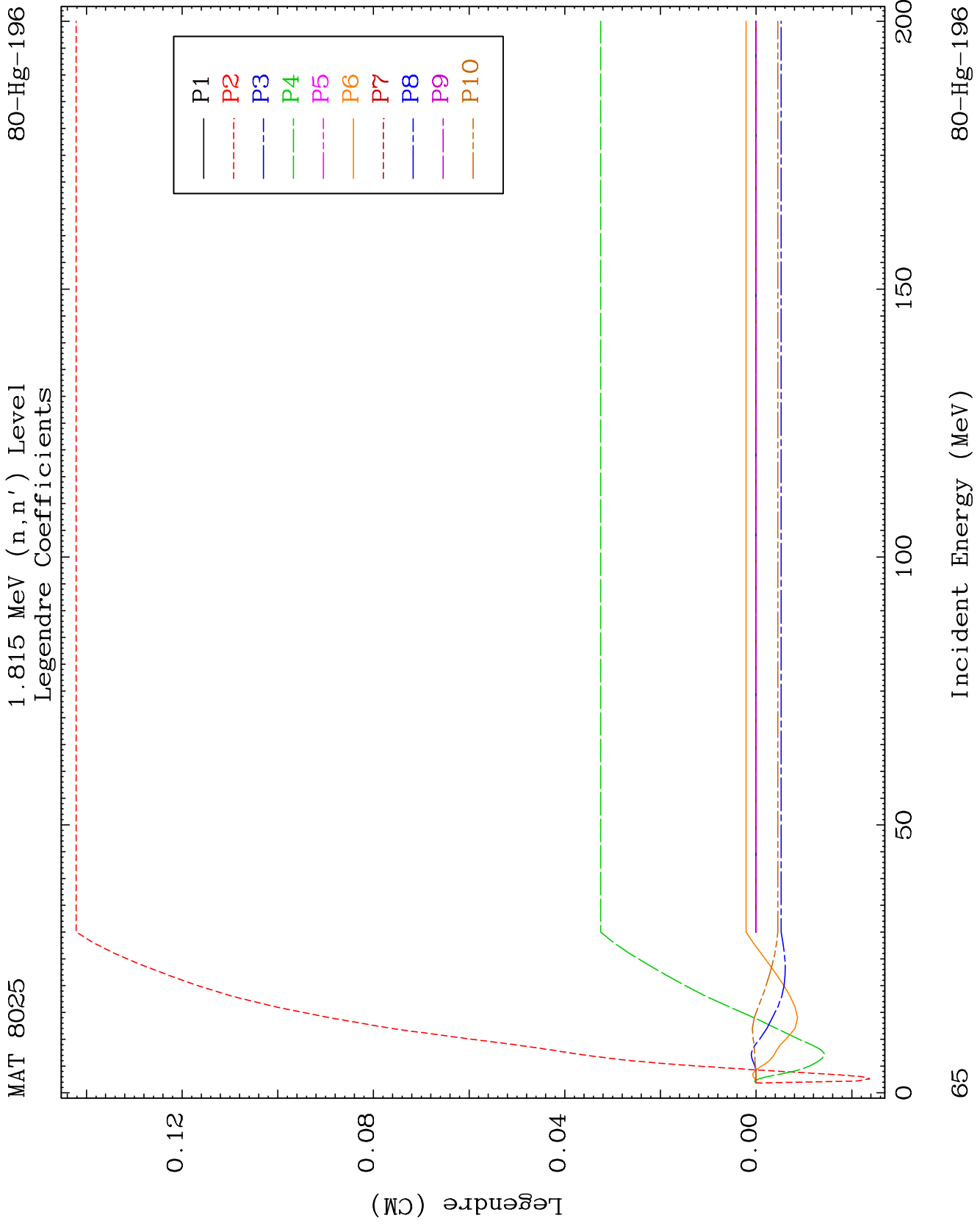


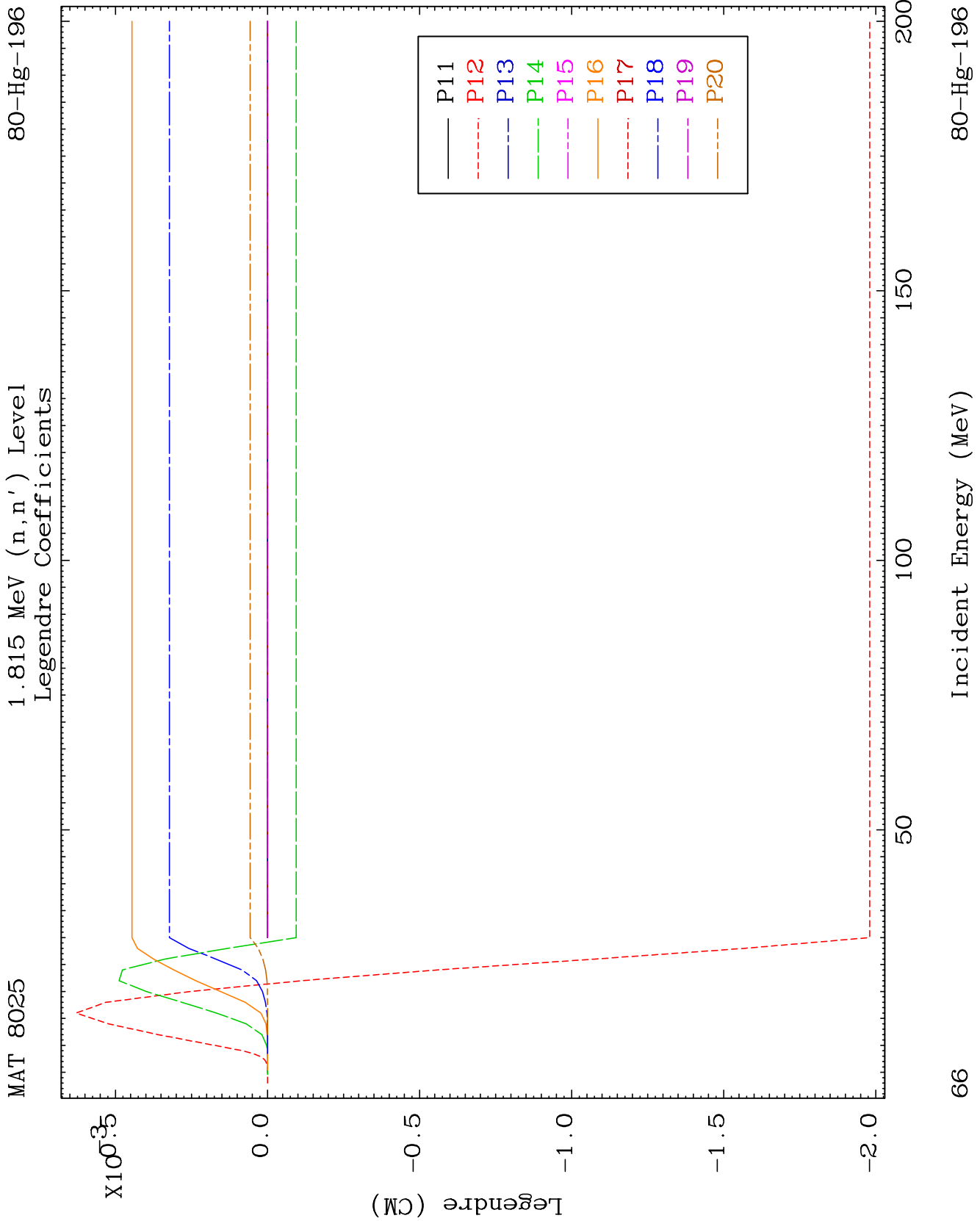


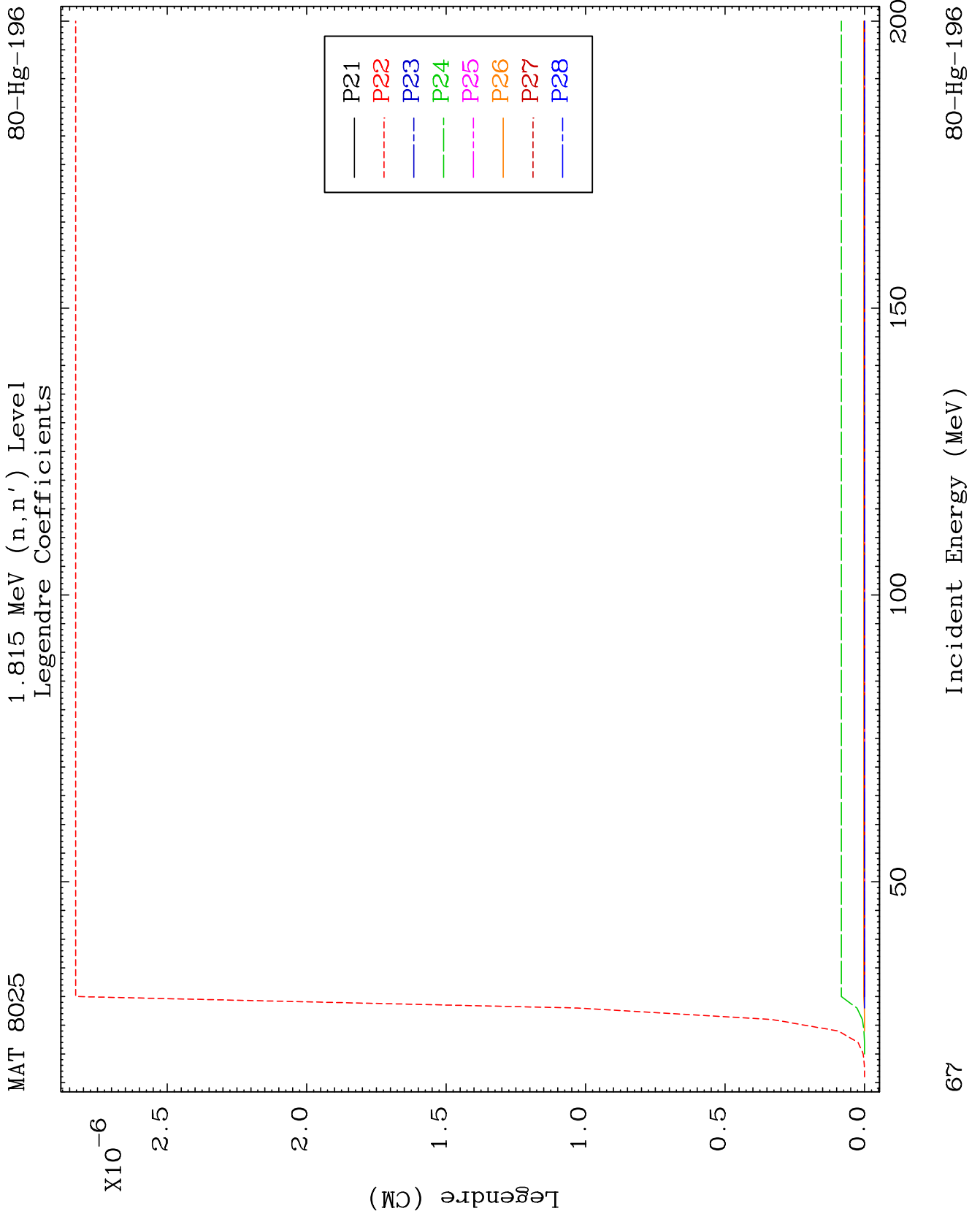








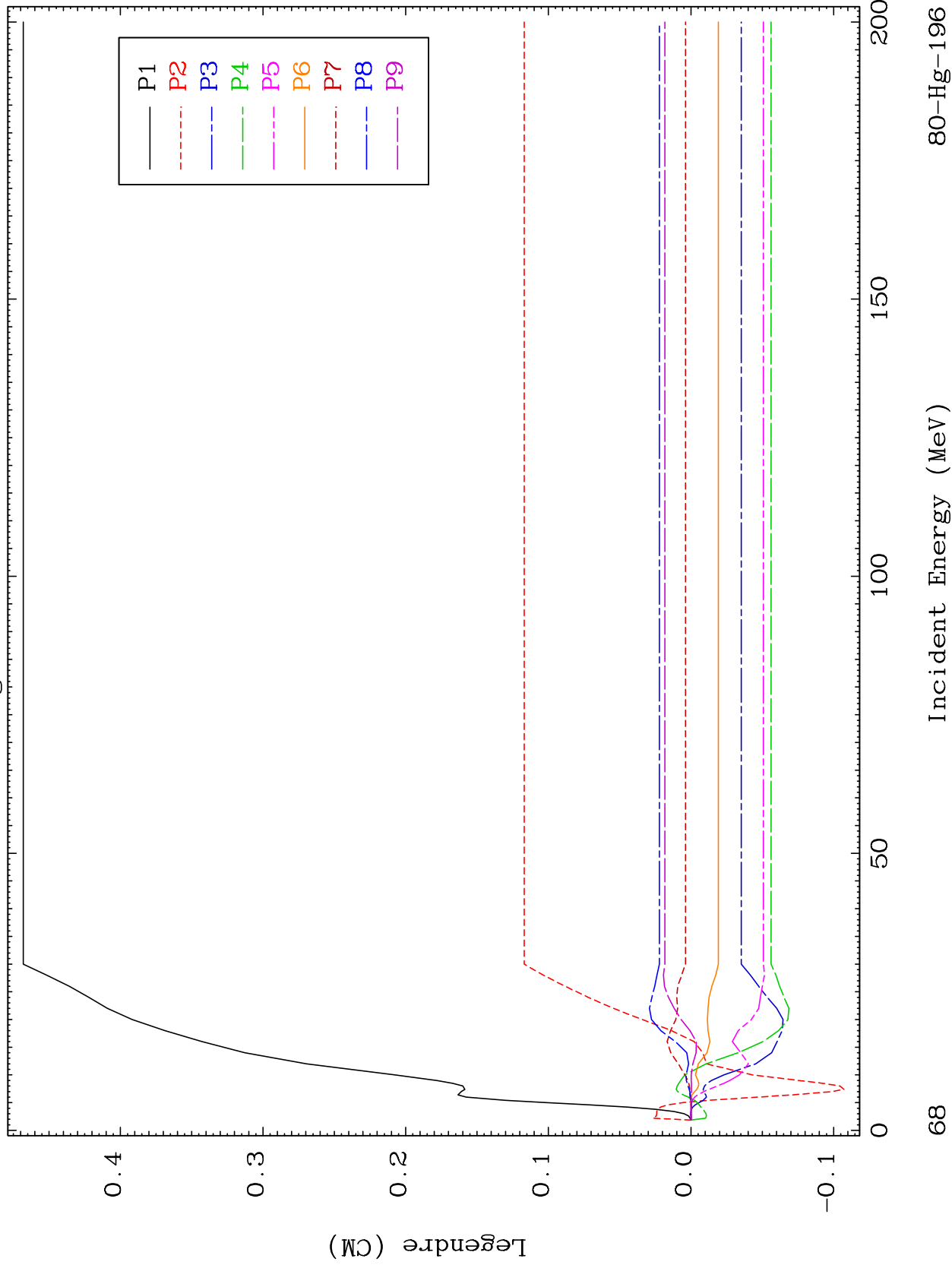




MAT 8025

1.841 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



80-Hg-196

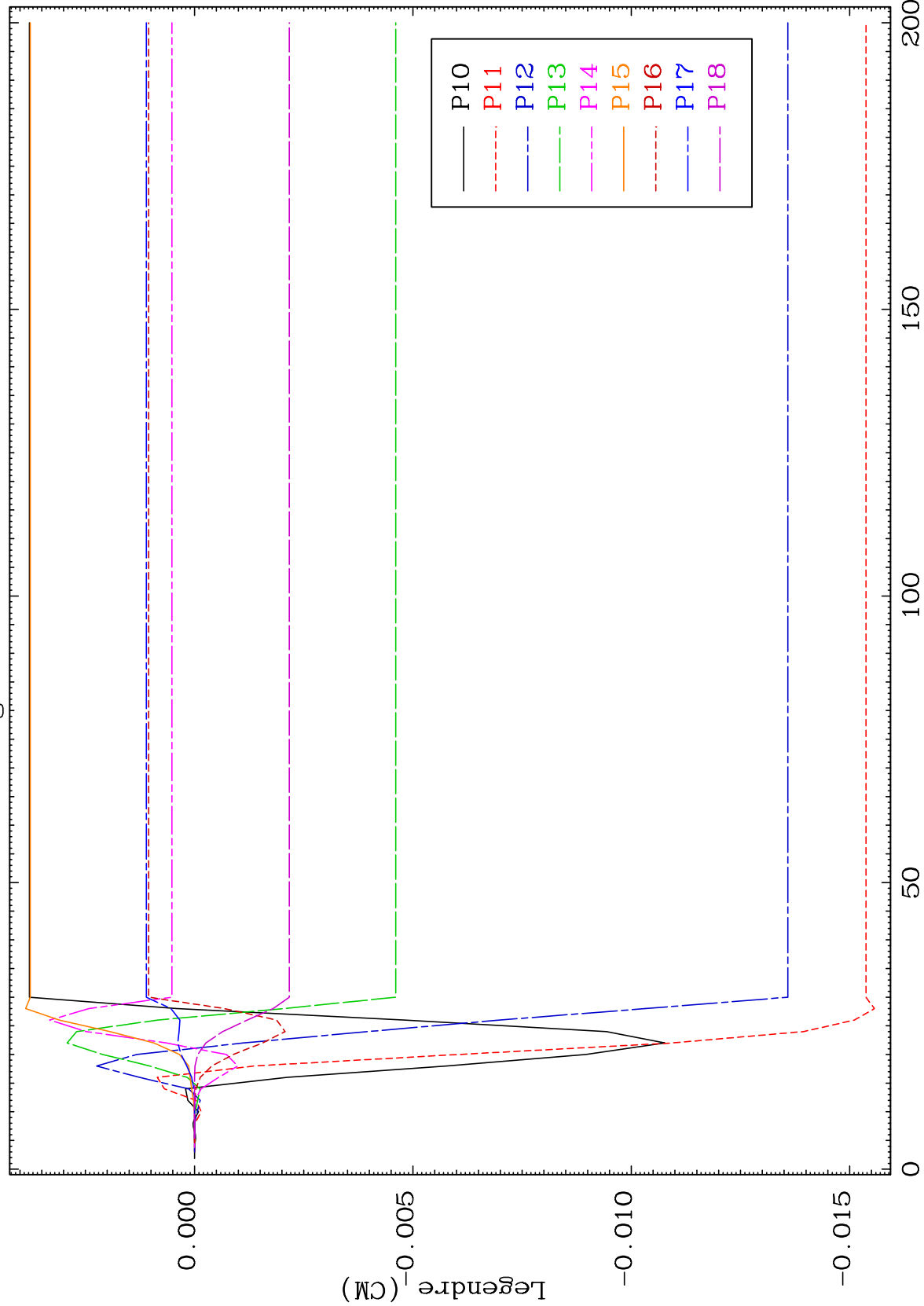
Incident Energy (MeV)

68

MAT 8025

1.841 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



69

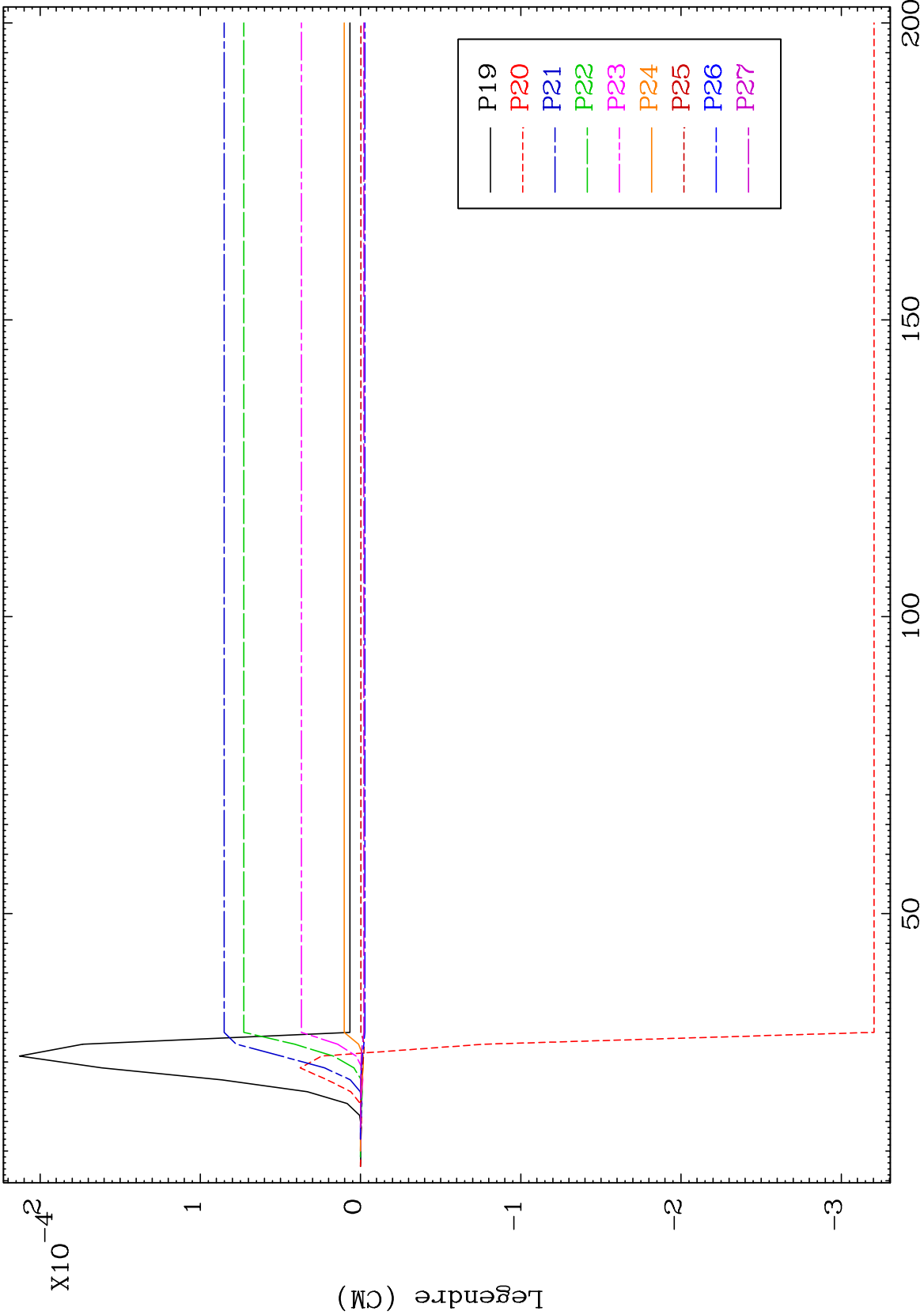
Incident Energy (MeV)

80-Hg-196

MAT 8025

1.841 MeV (n, n') Level  
Legendre Coefficients

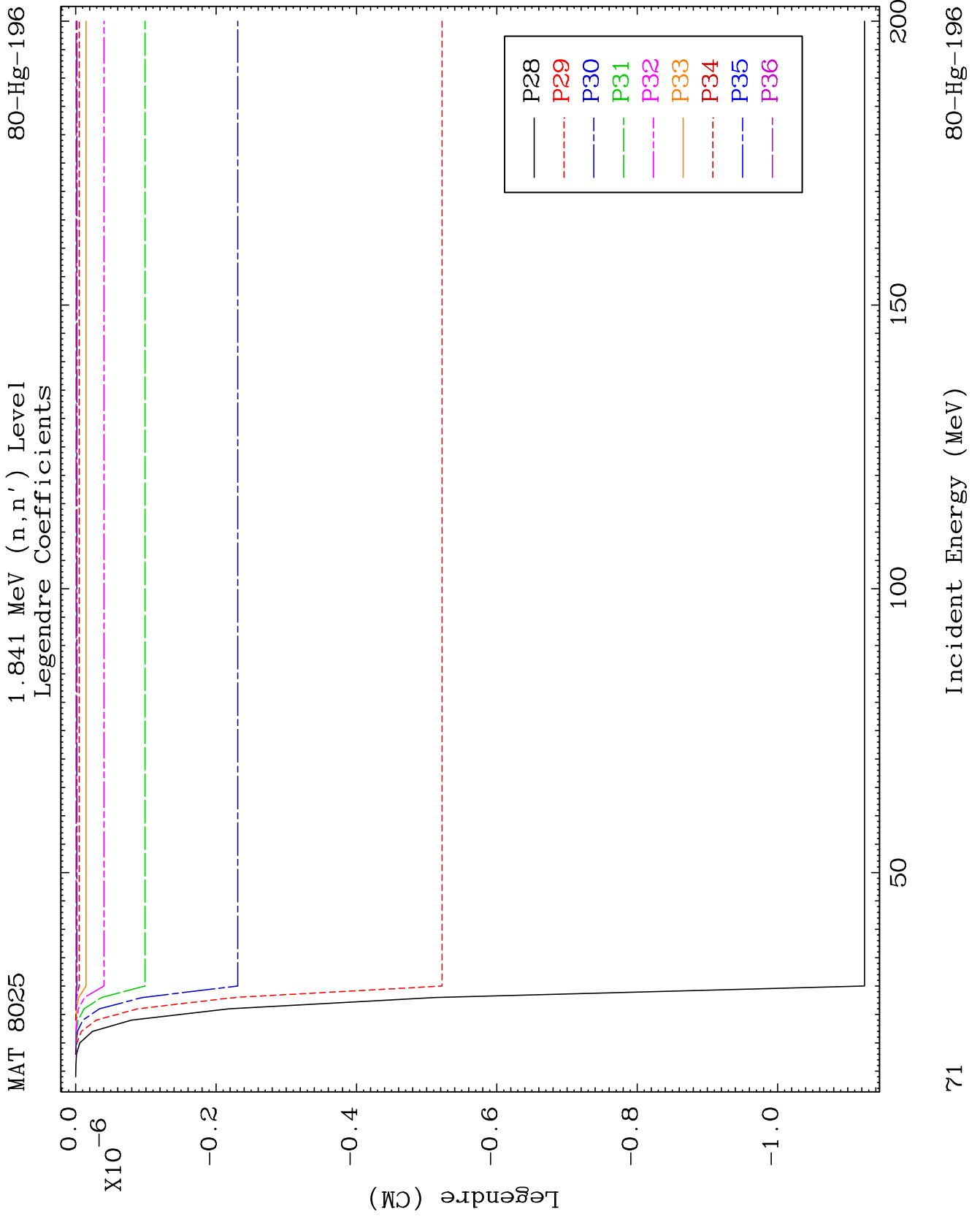
80-Hg-196



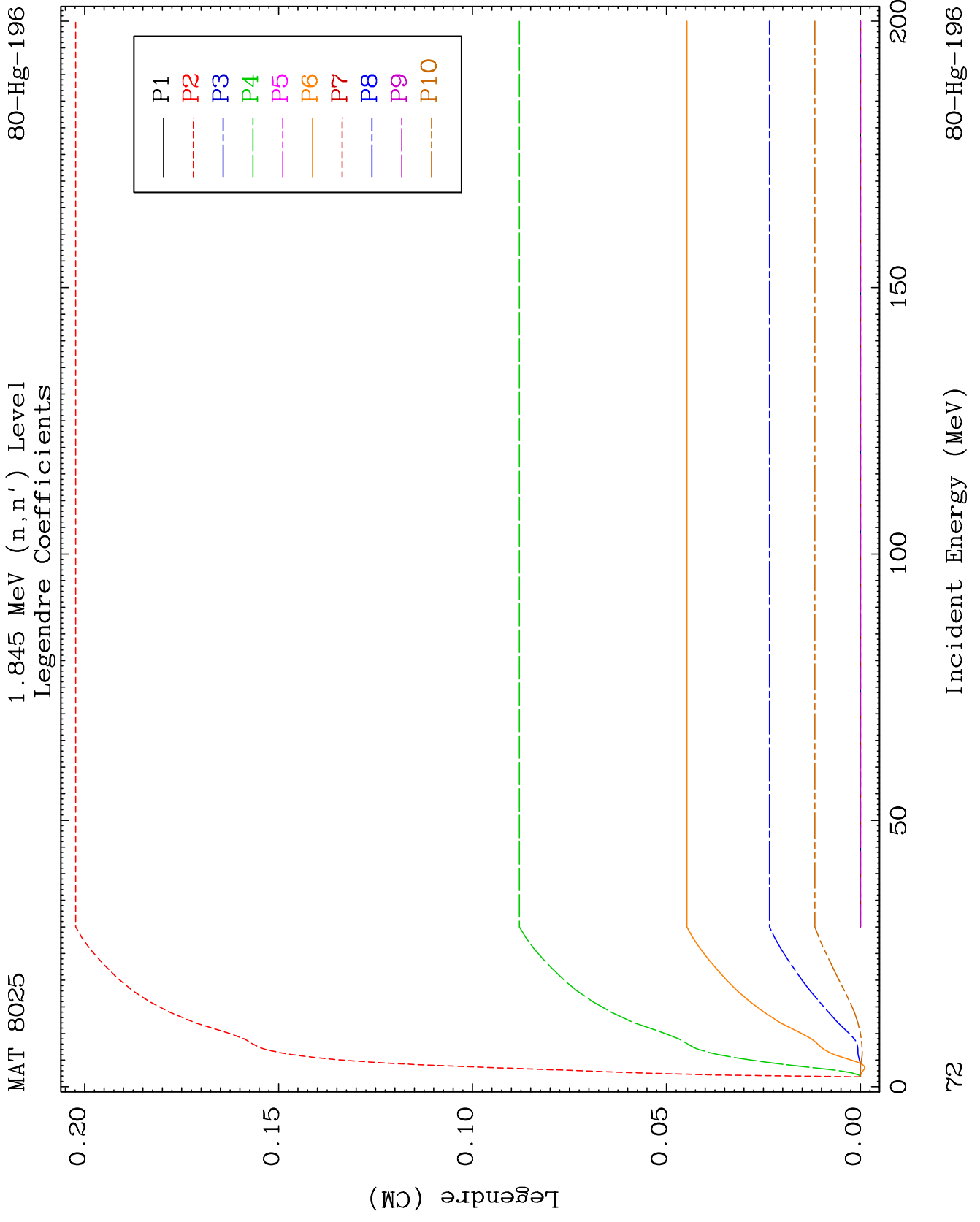
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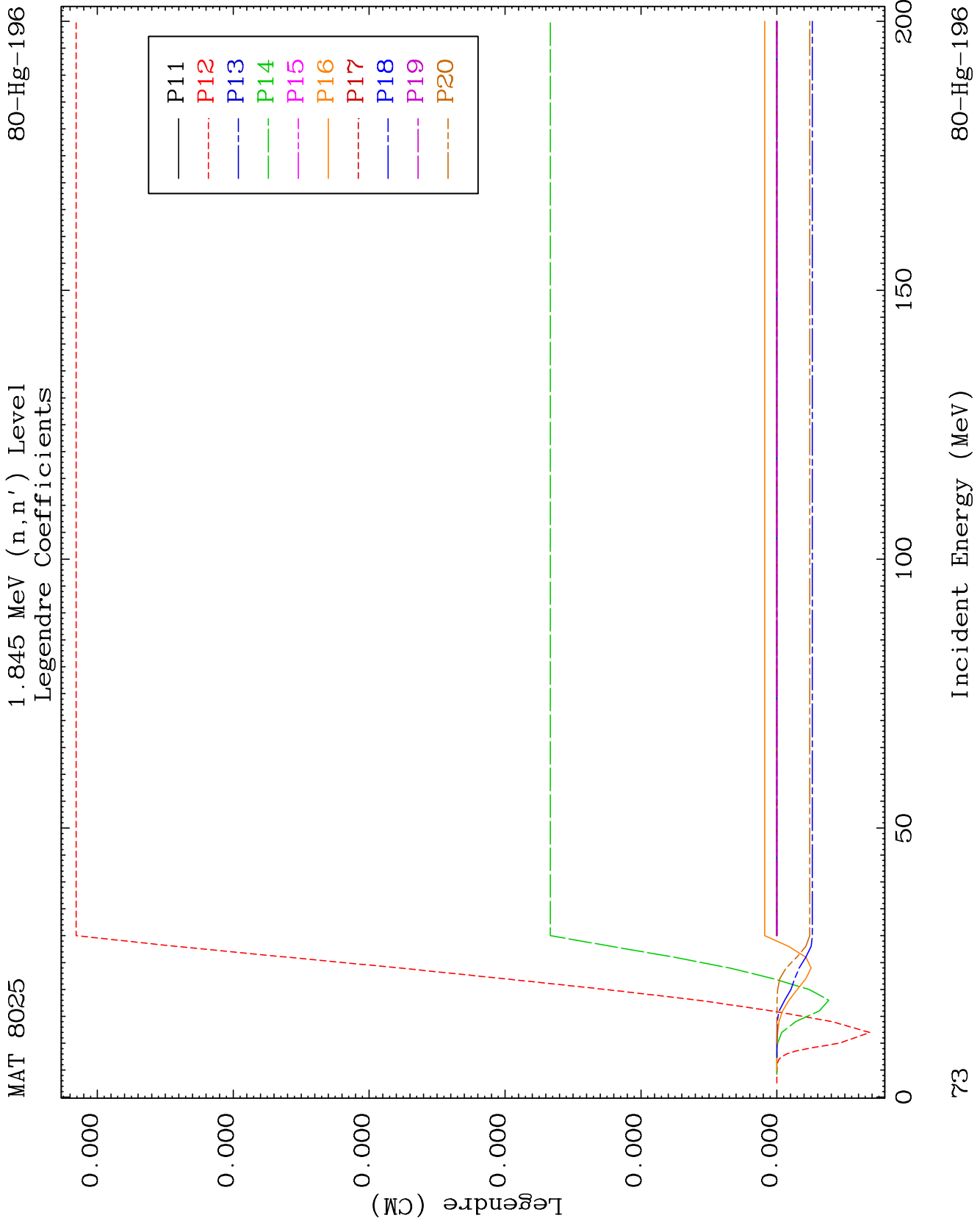
Incident Energy (MeV)

80-Hg-196







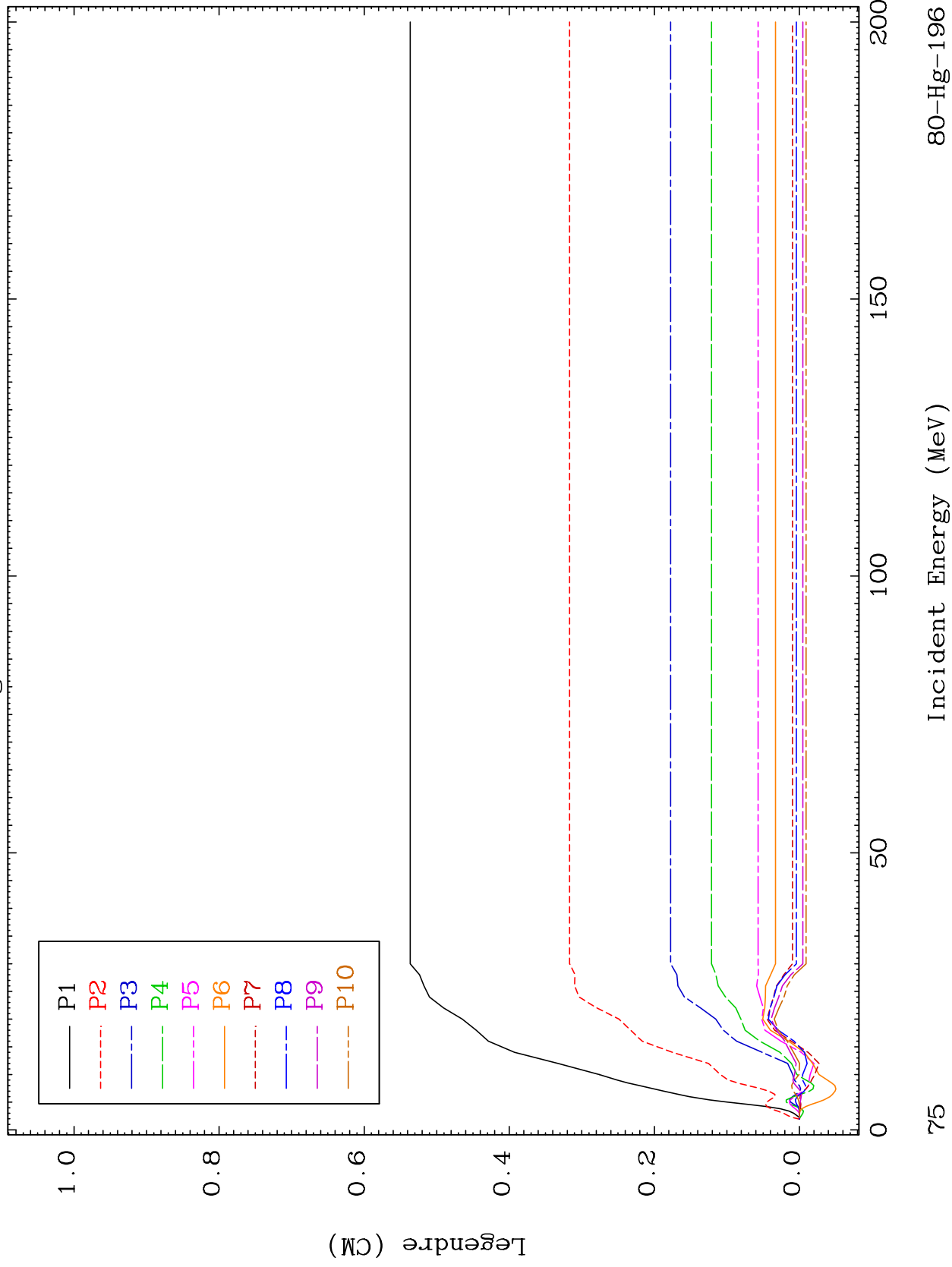




MAT 8025

1.922 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



80-Hg-196

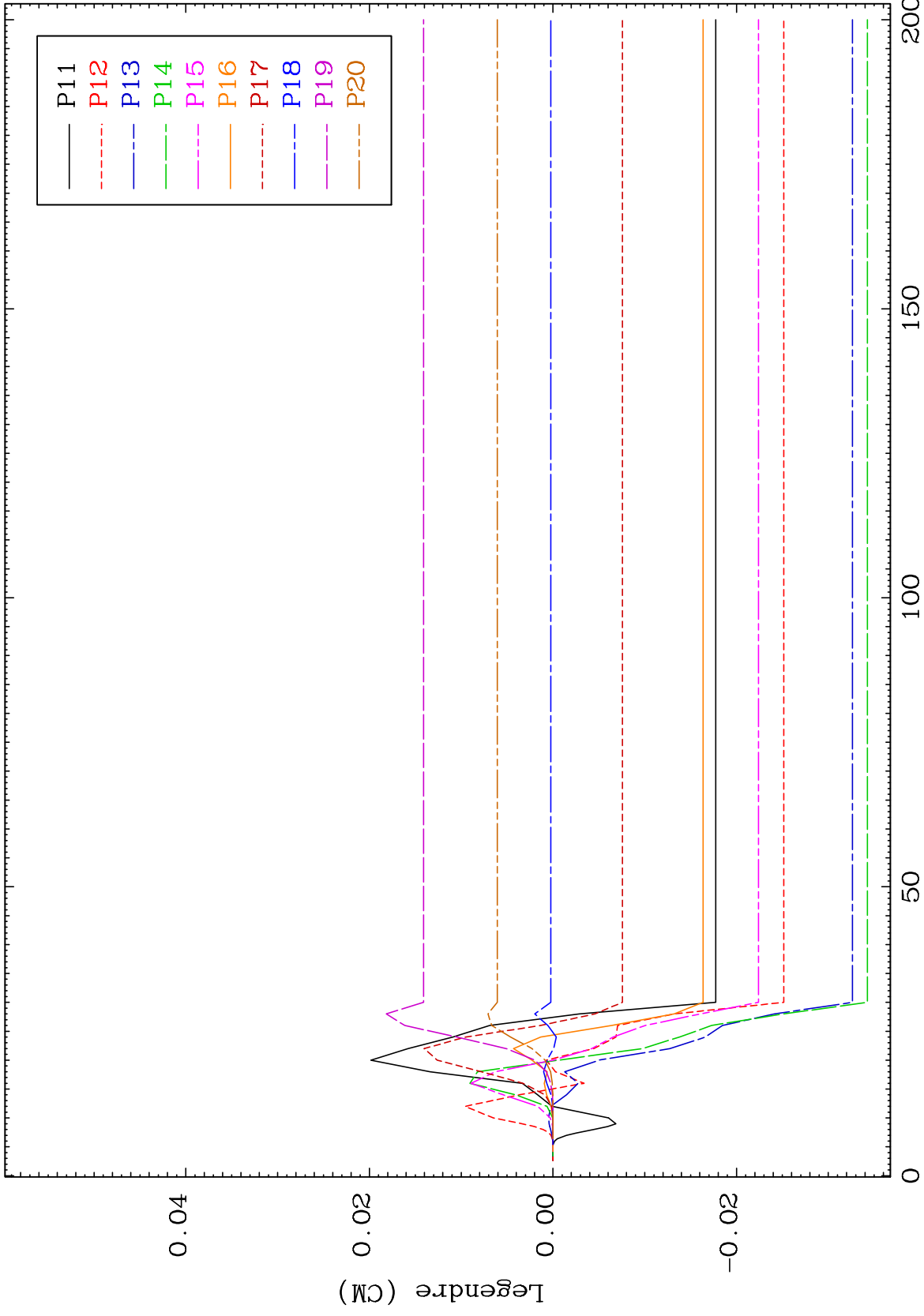
Incident Energy (MeV)

75

MAT 8025

1.922 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



76

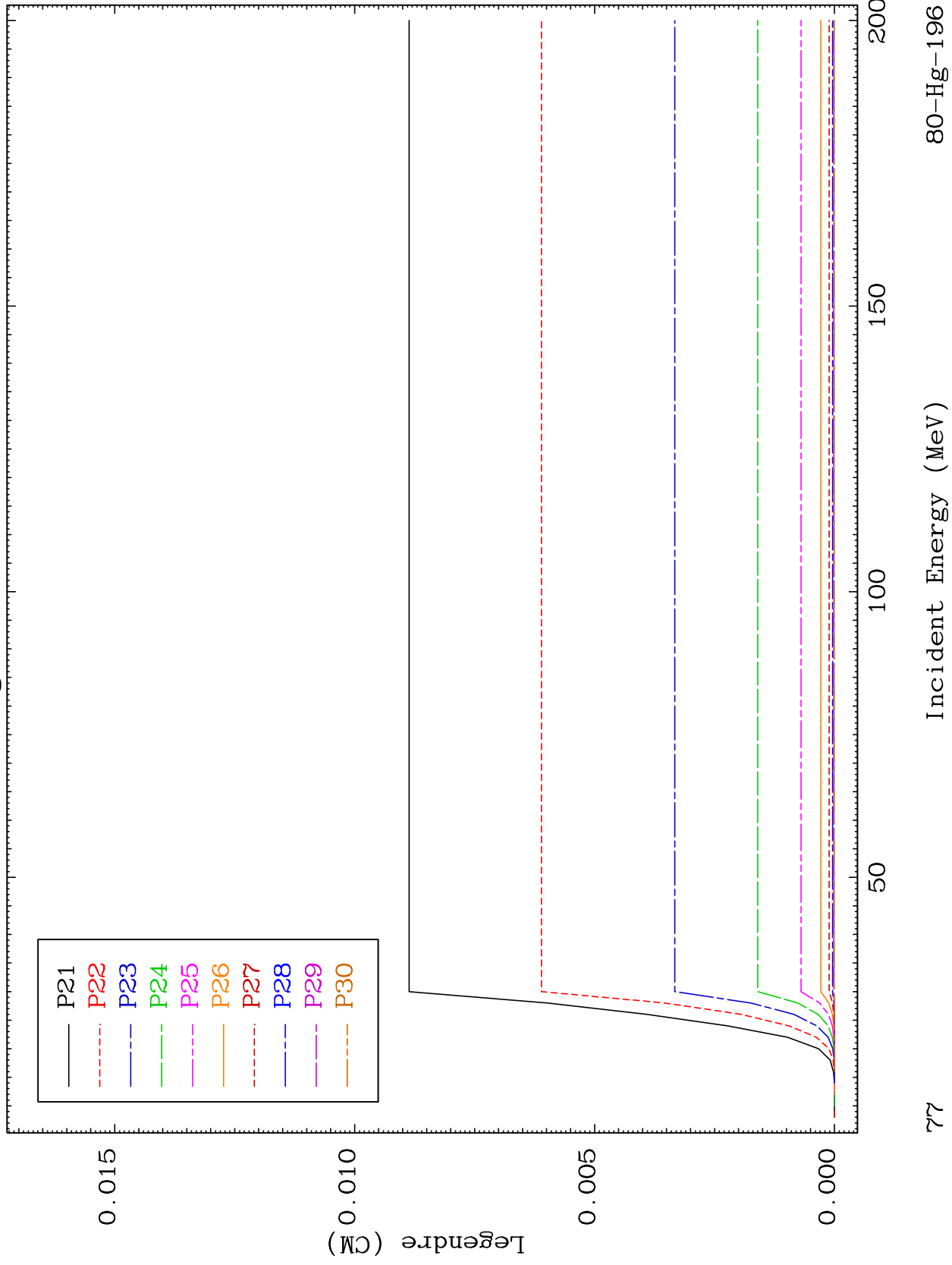
Incident Energy (MeV)

80-Hg-196

MAT 8025

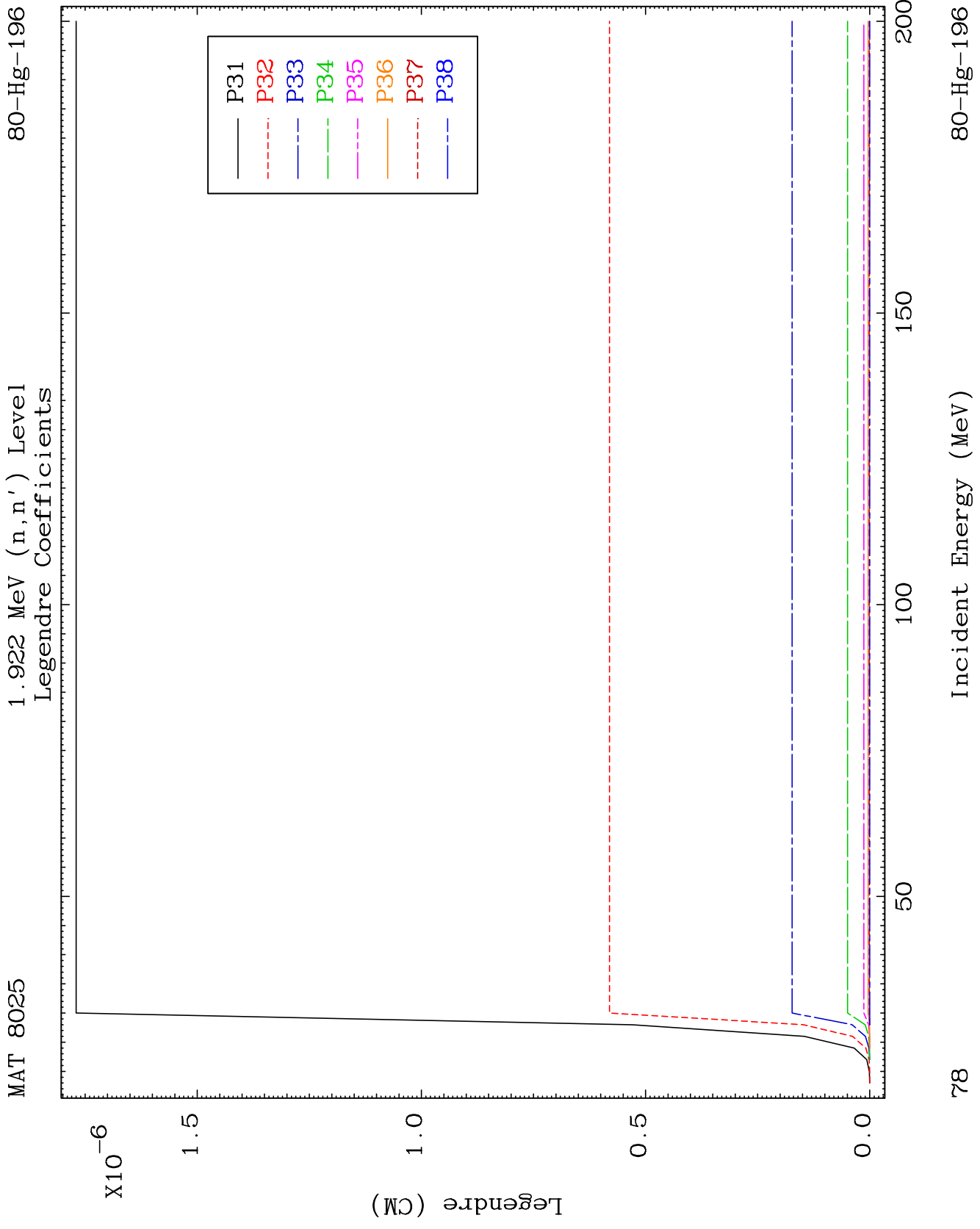
1.922 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



77

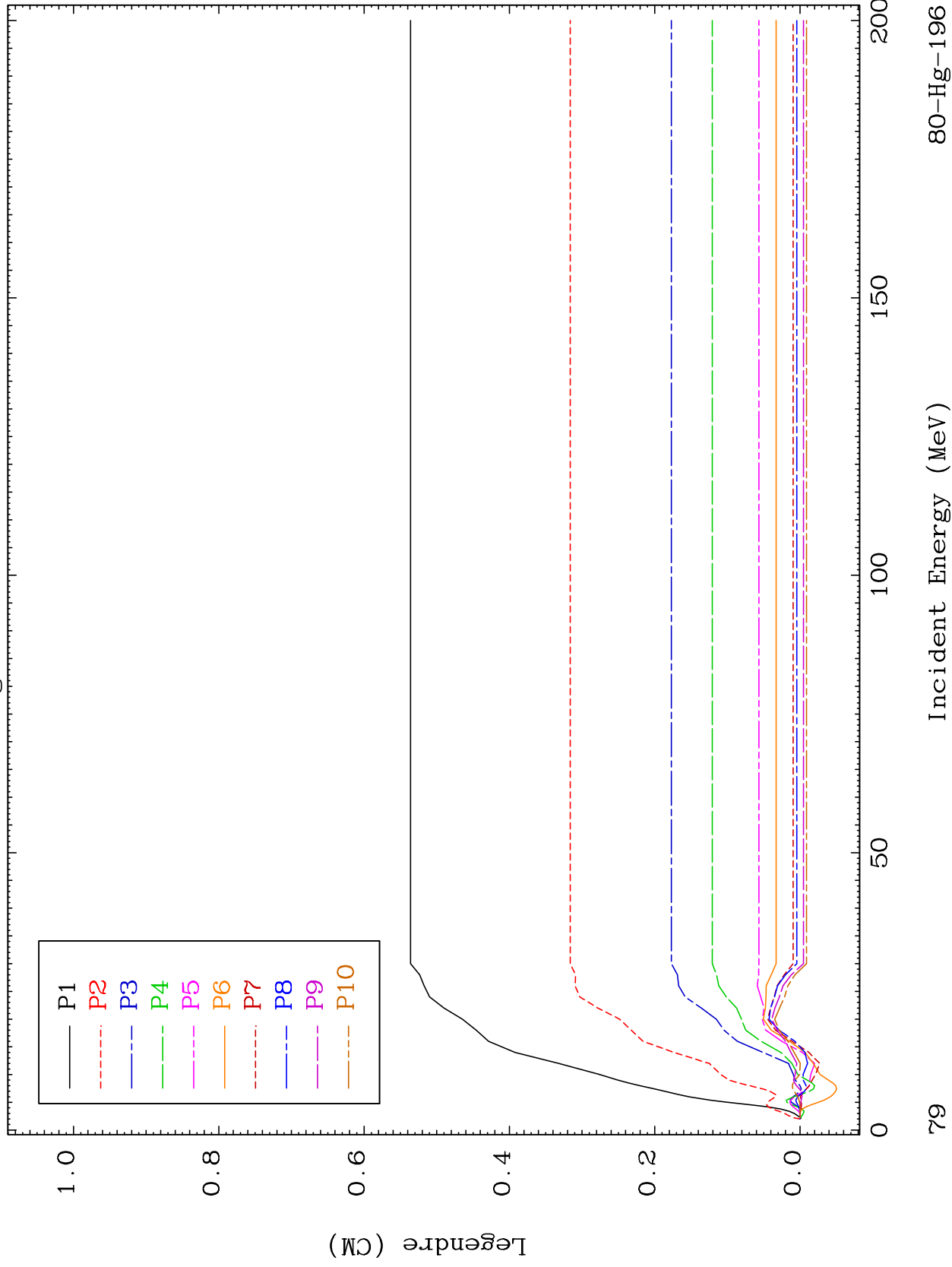
80-Hg-196



MAT 8025

1.979 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



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Incident Energy (MeV)

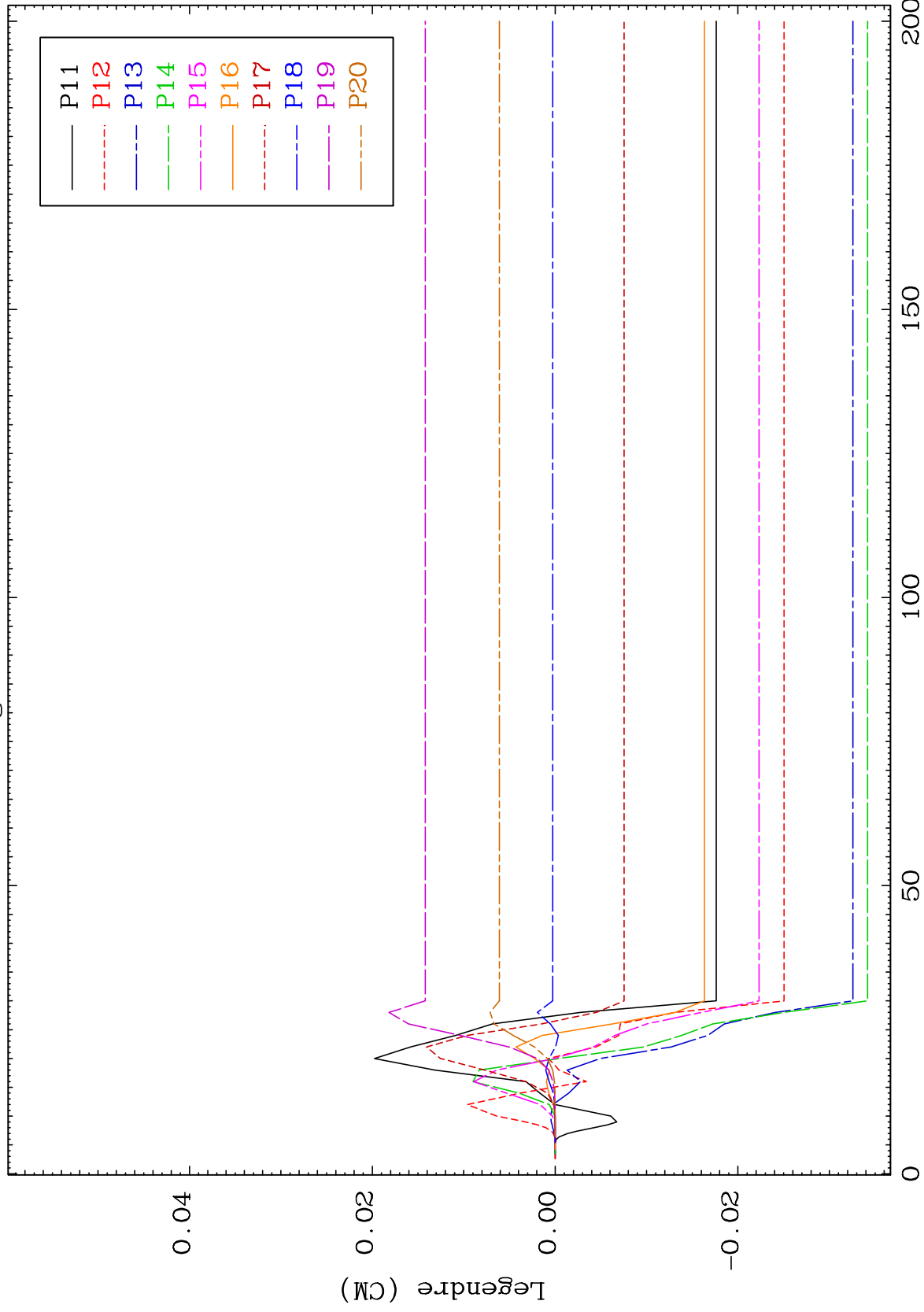
80-Hg-196



MAT 8025

1.979 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



80

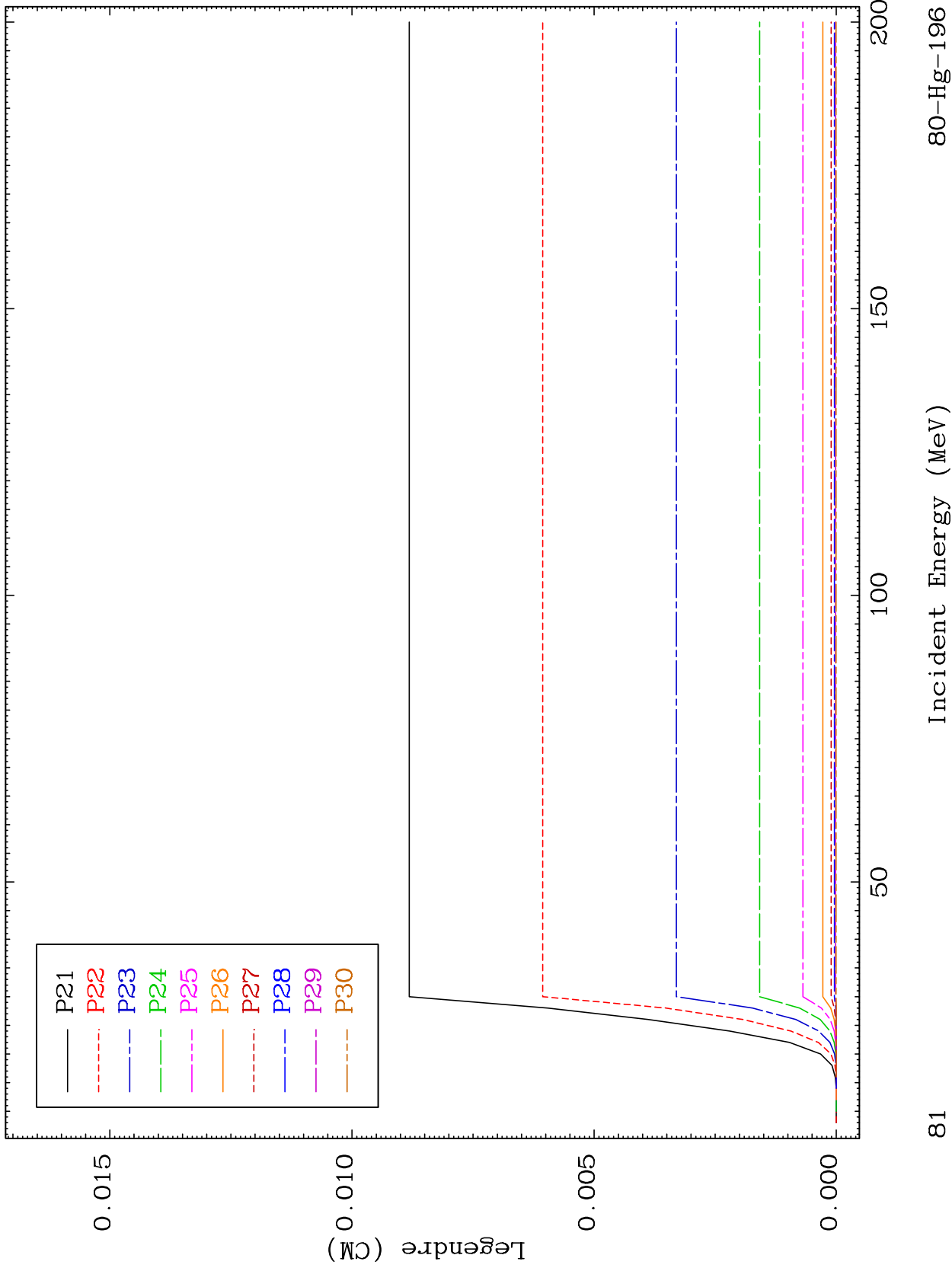
Incident Energy (MeV)

80-Hg-196

MAT 8025

1.979 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



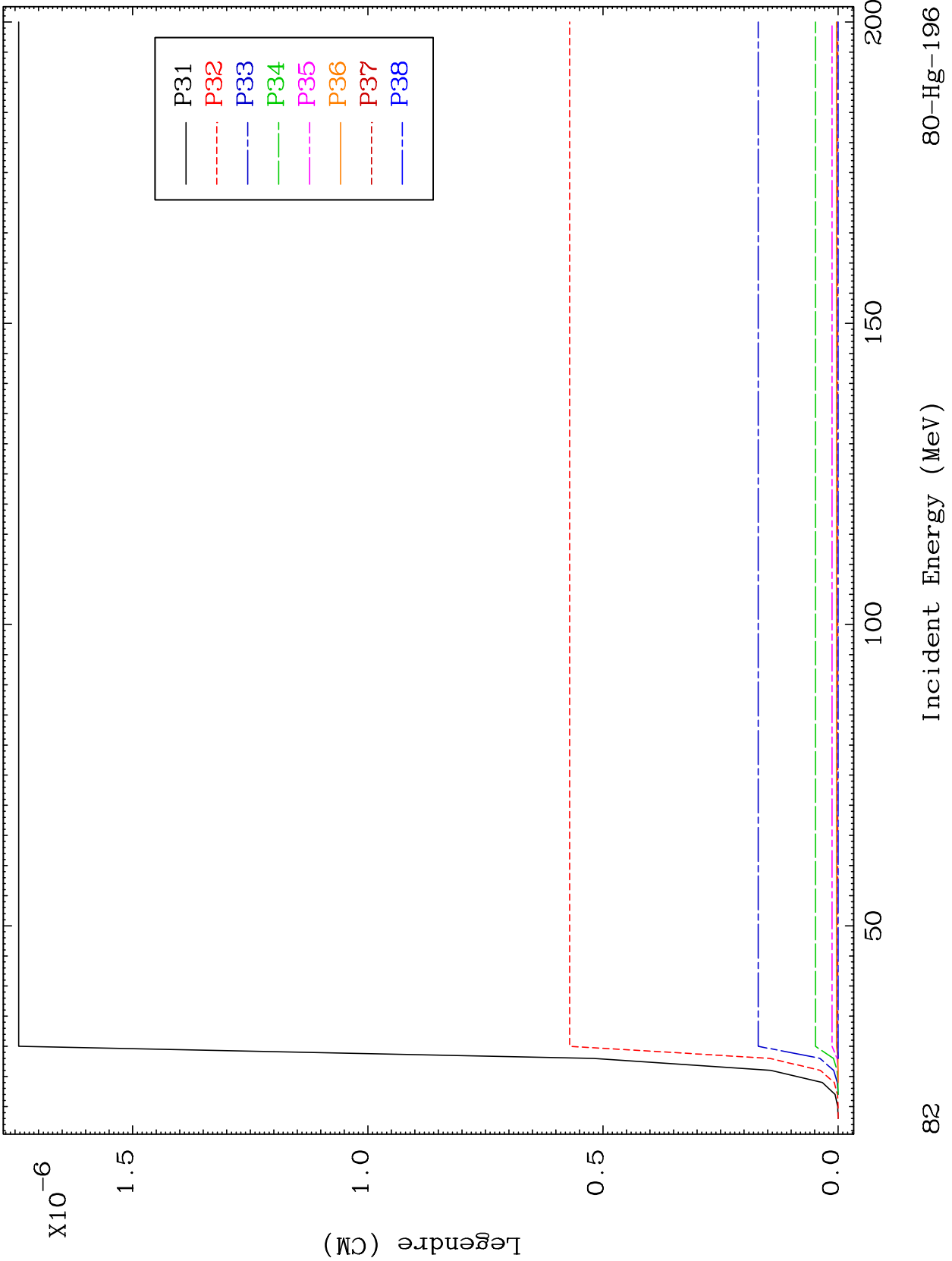
81

80-Hg-196

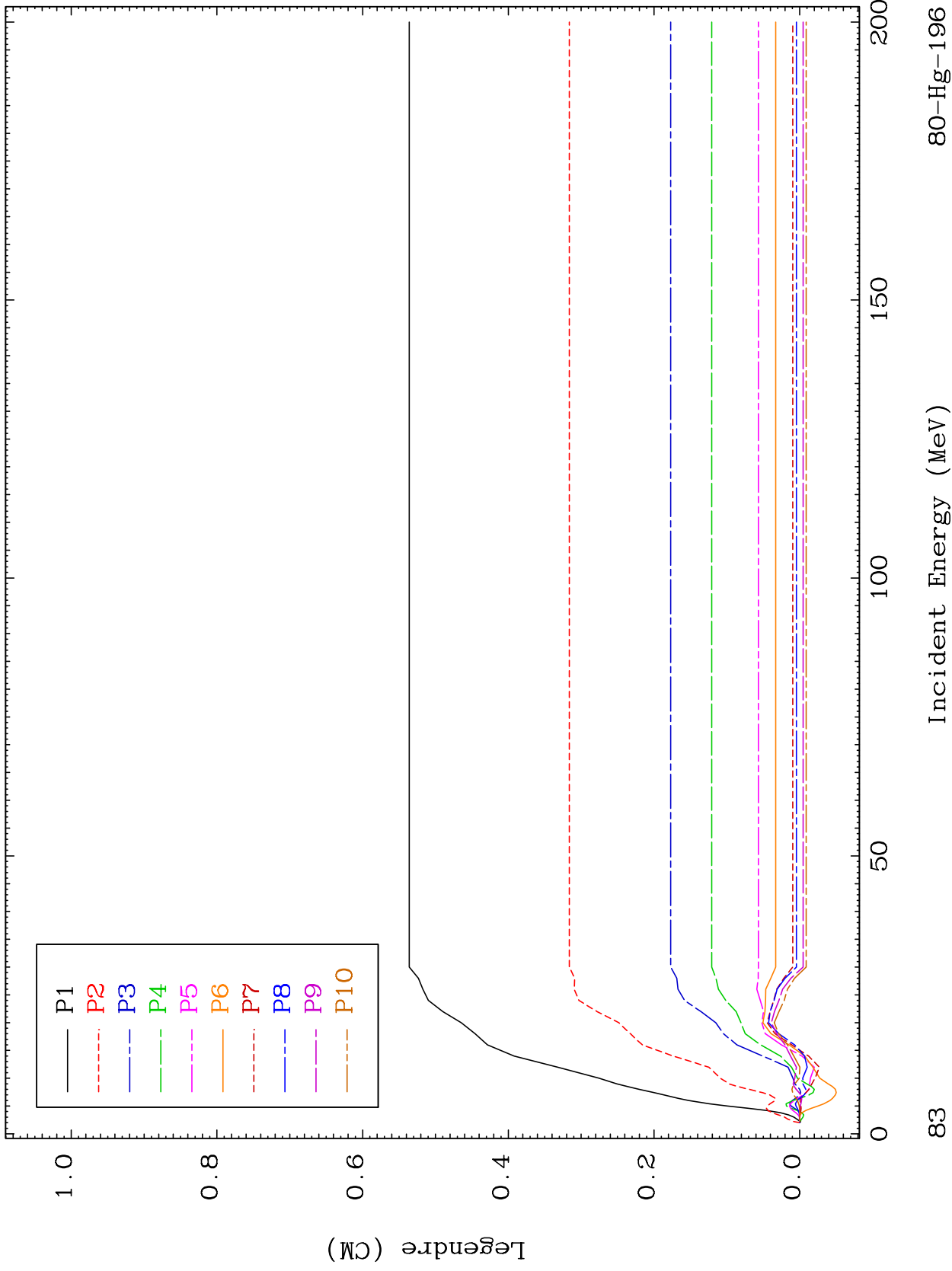
MAT 8025

1.979 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



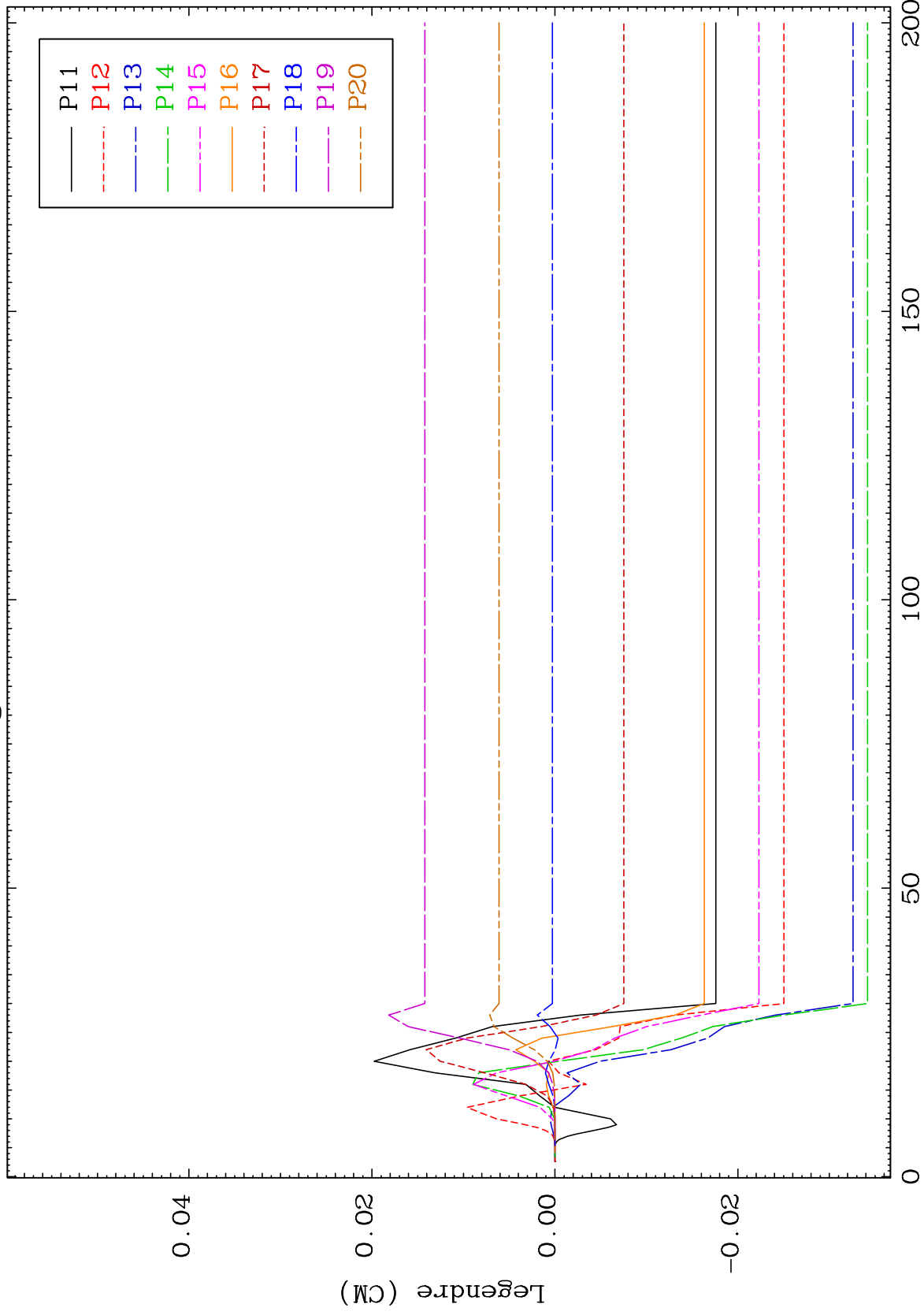
82



MAT 8025

1.986 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



84

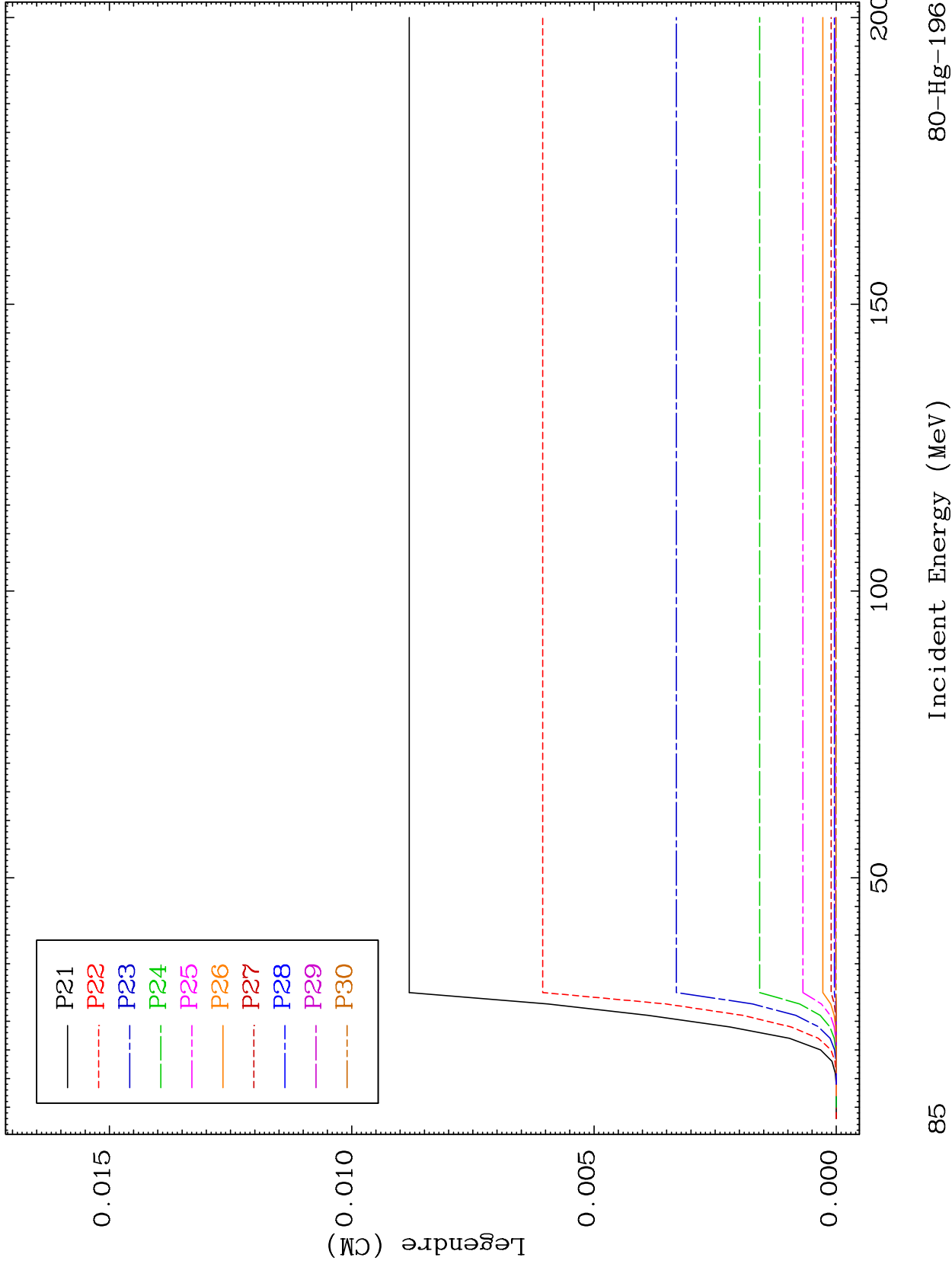
Incident Energy (MeV)

80-Hg-196

MAT 8025

1.986 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196

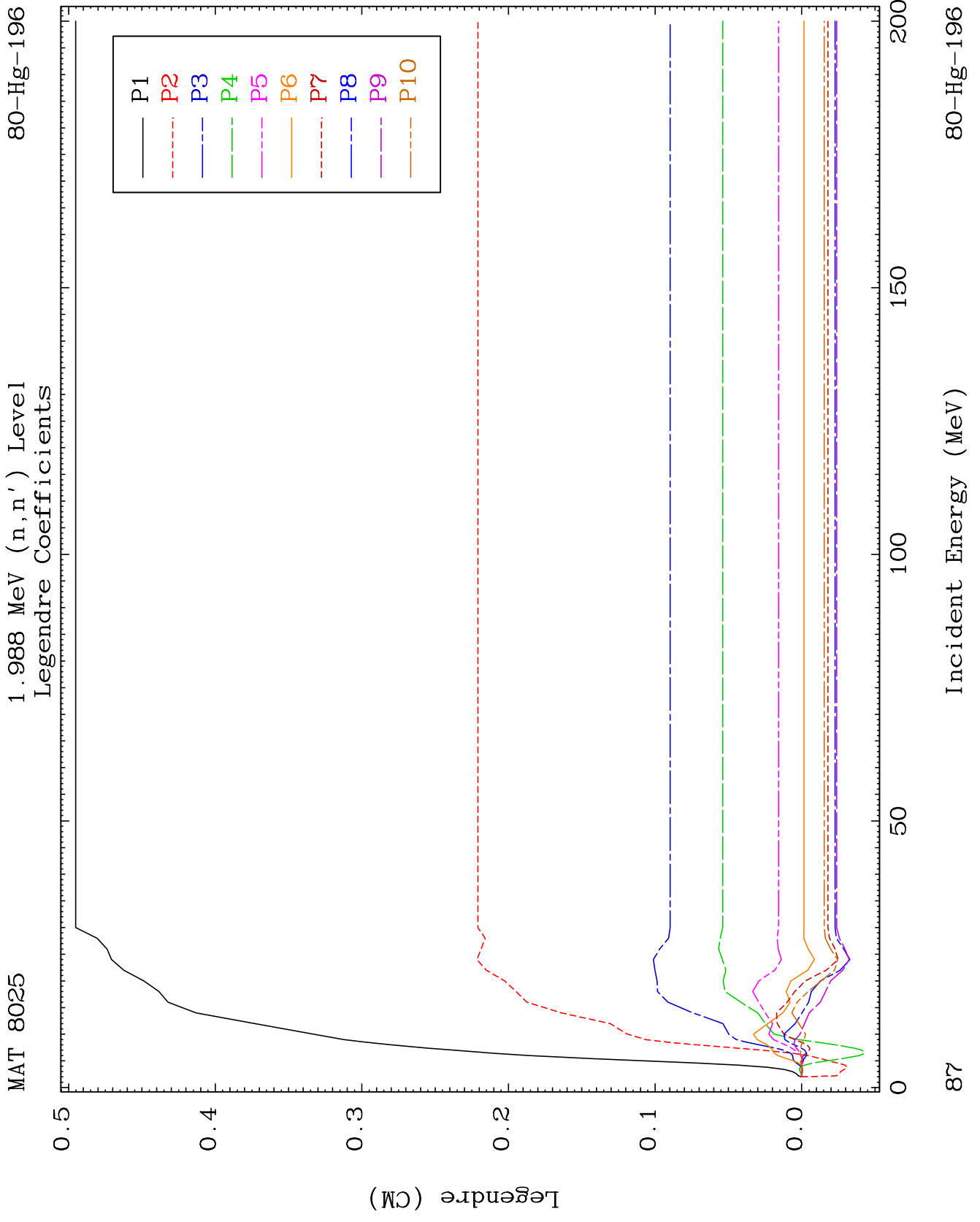


85

Incident Energy (MeV)

80-Hg-196



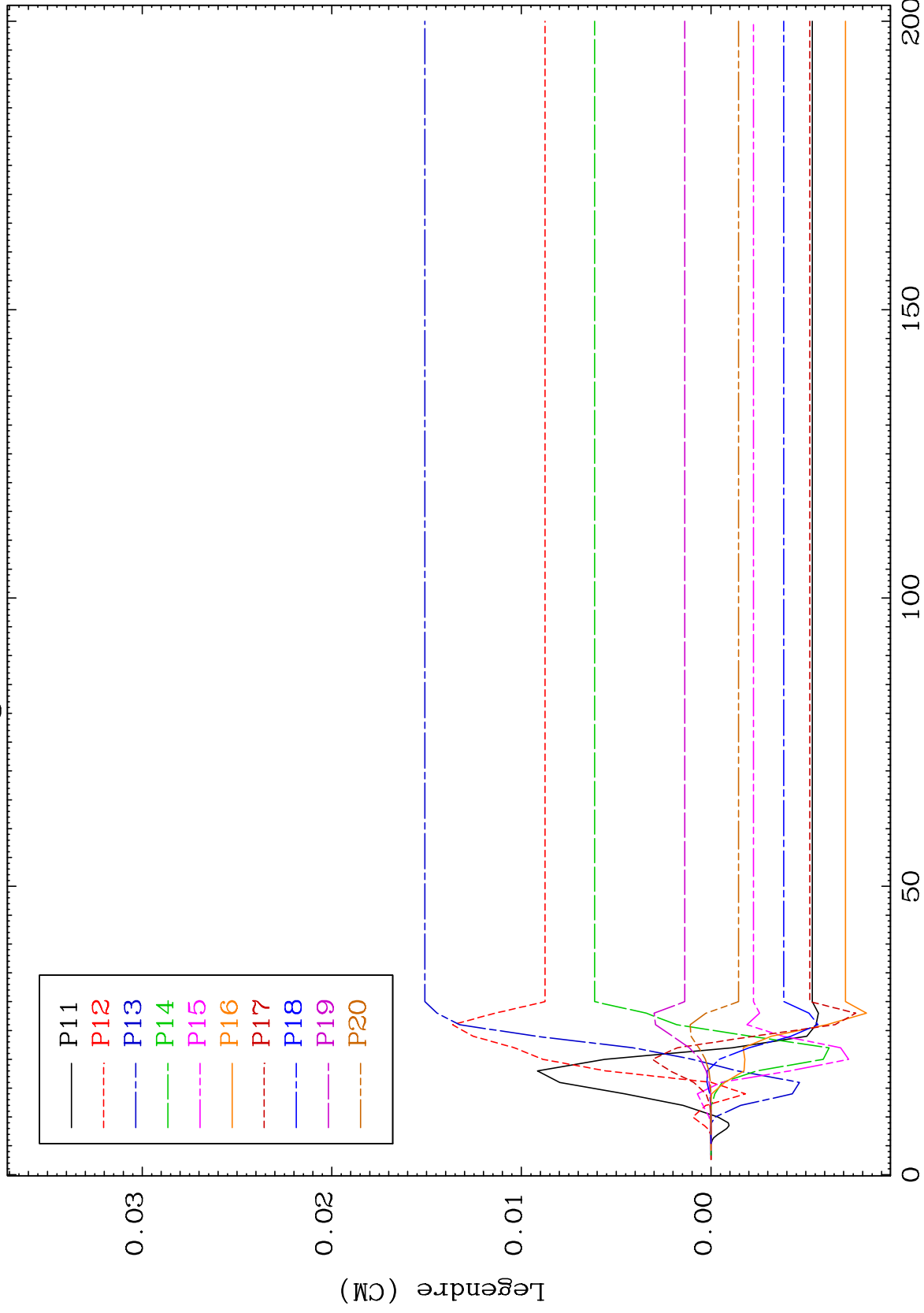




MAT 8025

1.988 MeV (n,n') Level  
Legendre Coefficients

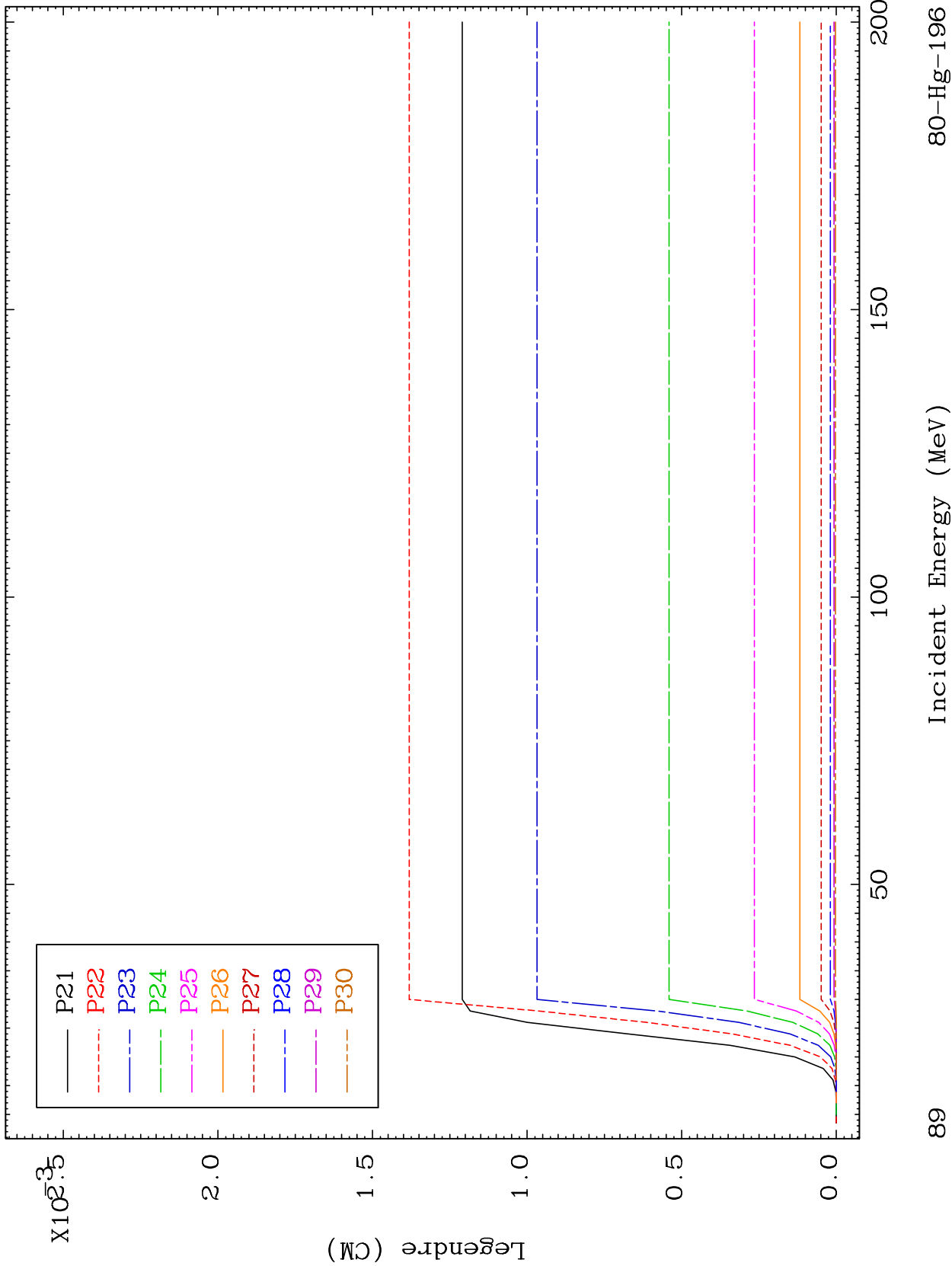
80-Hg-196

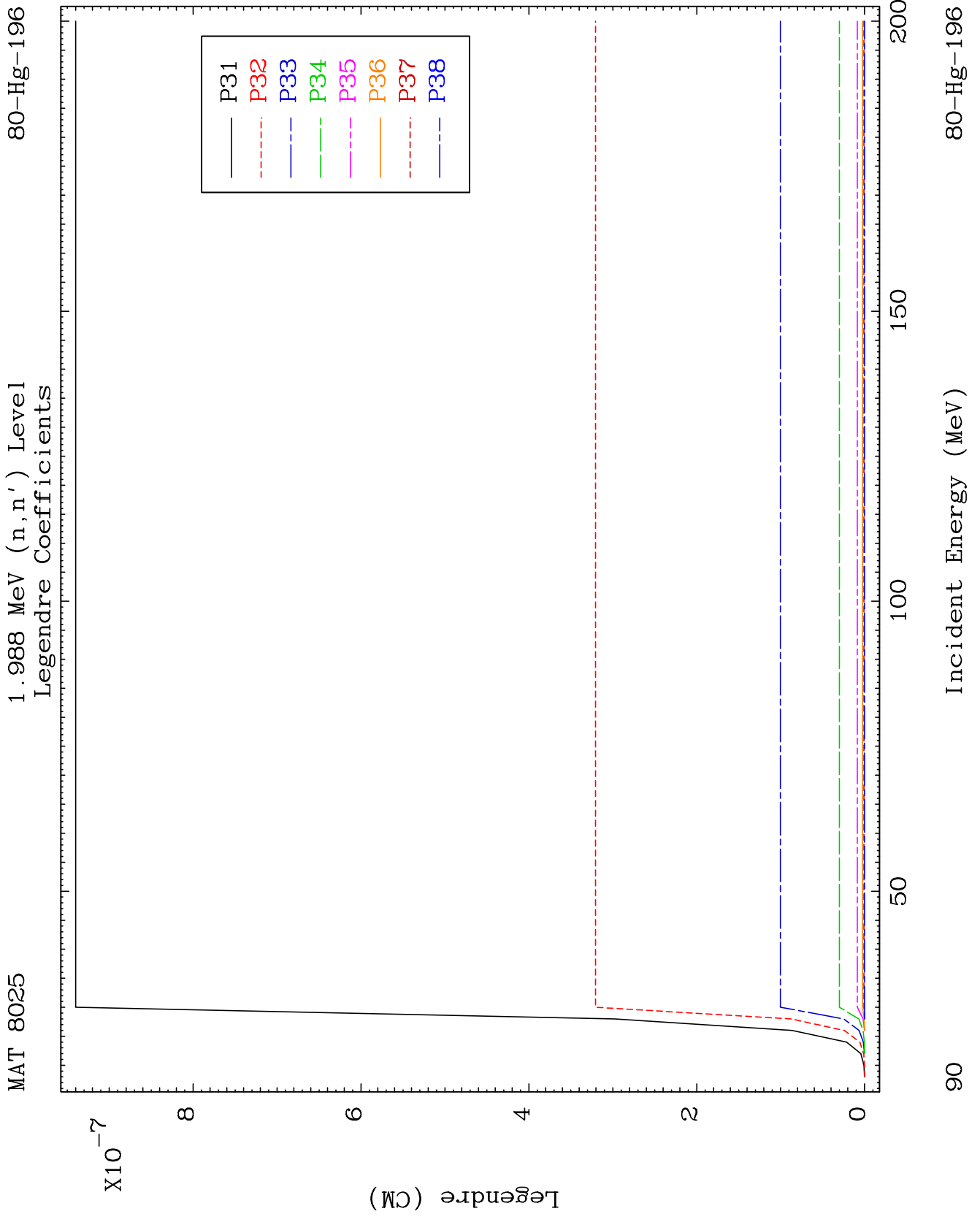


88

Incident Energy (MeV)

80-Hg-196

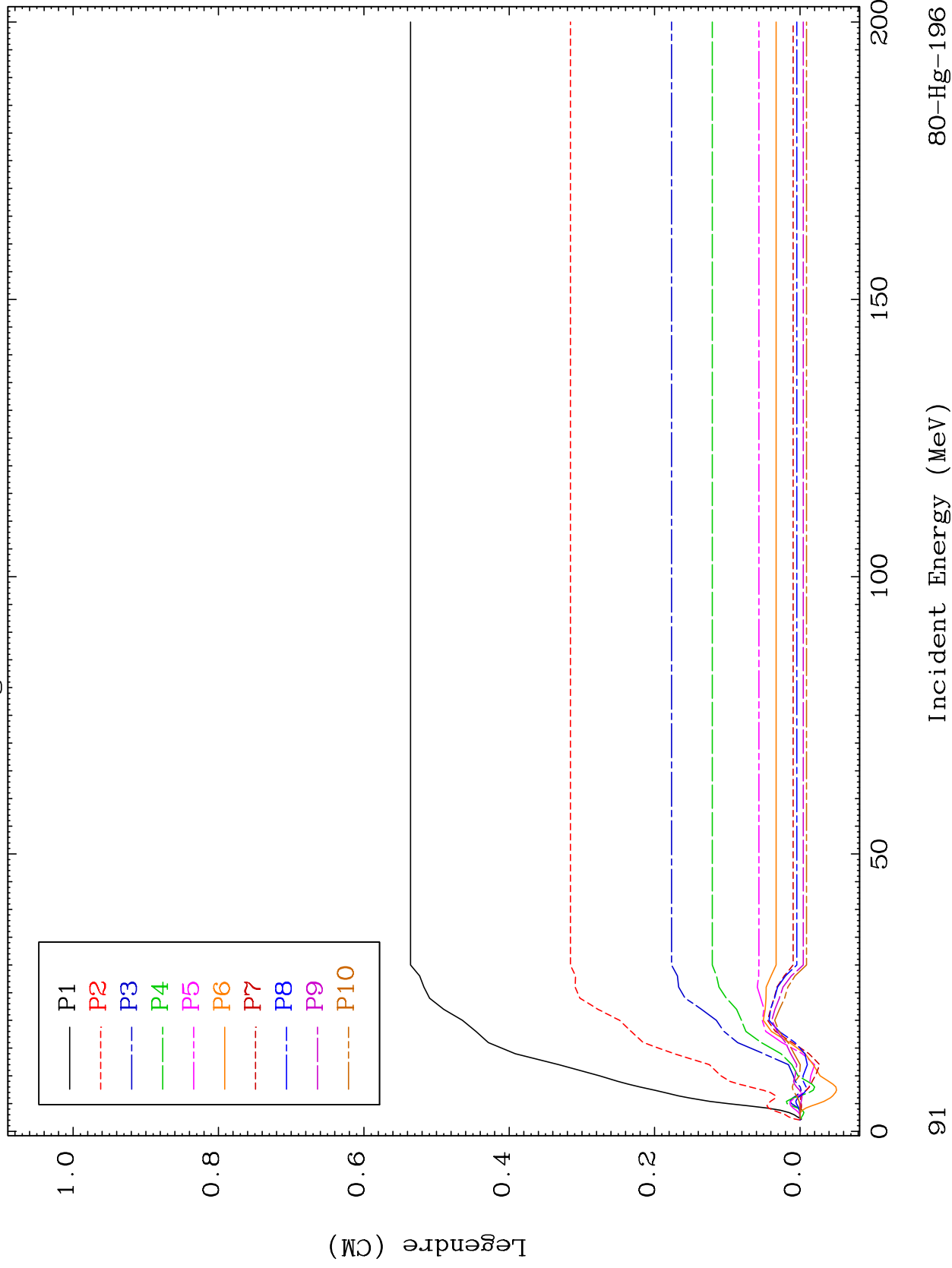




MAT 8025

2.013 MeV (n, n') Level  
Legendre Coefficients

80-Hg-196



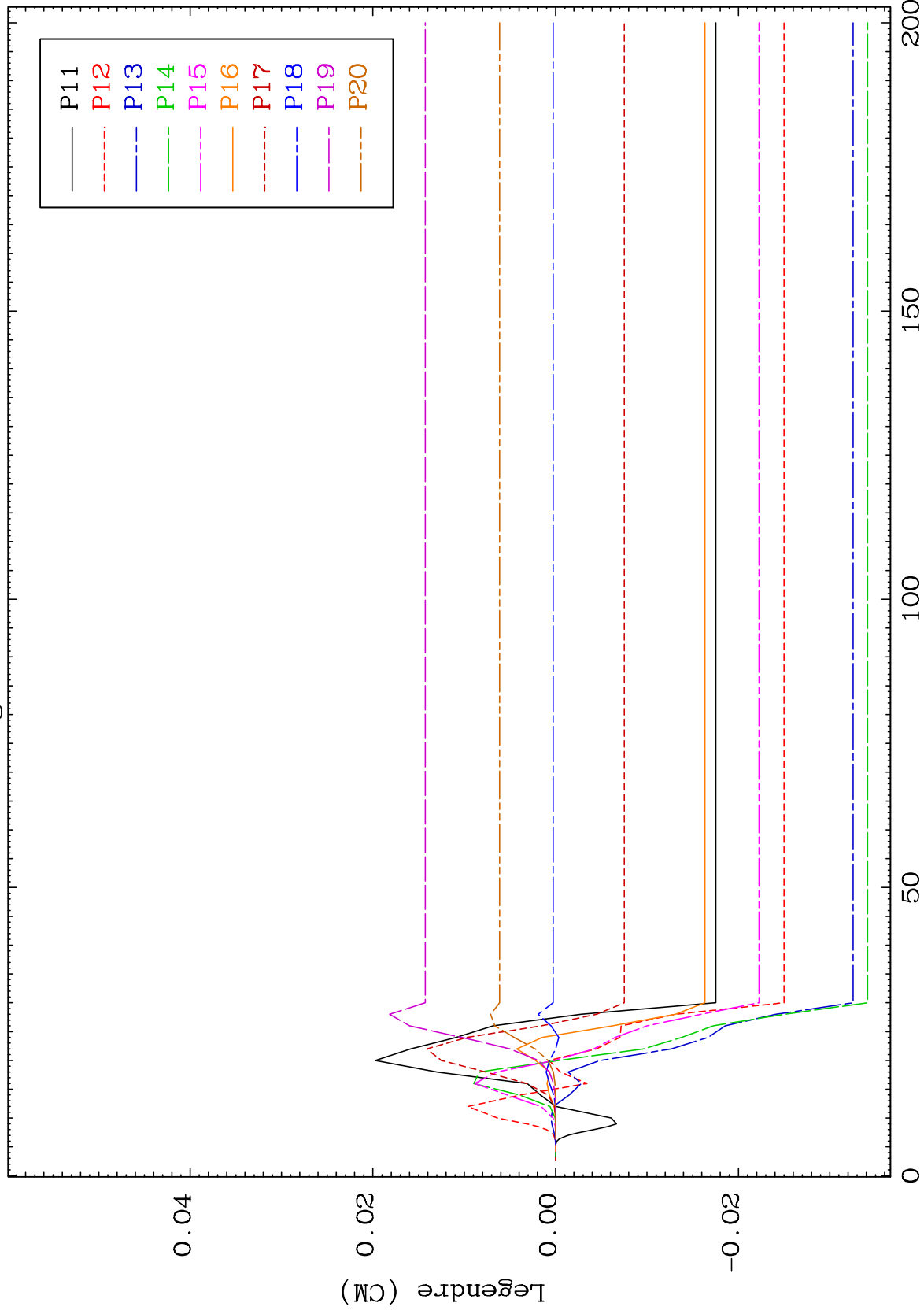
91

80-Hg-196

MAT 8025

2.013 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



92

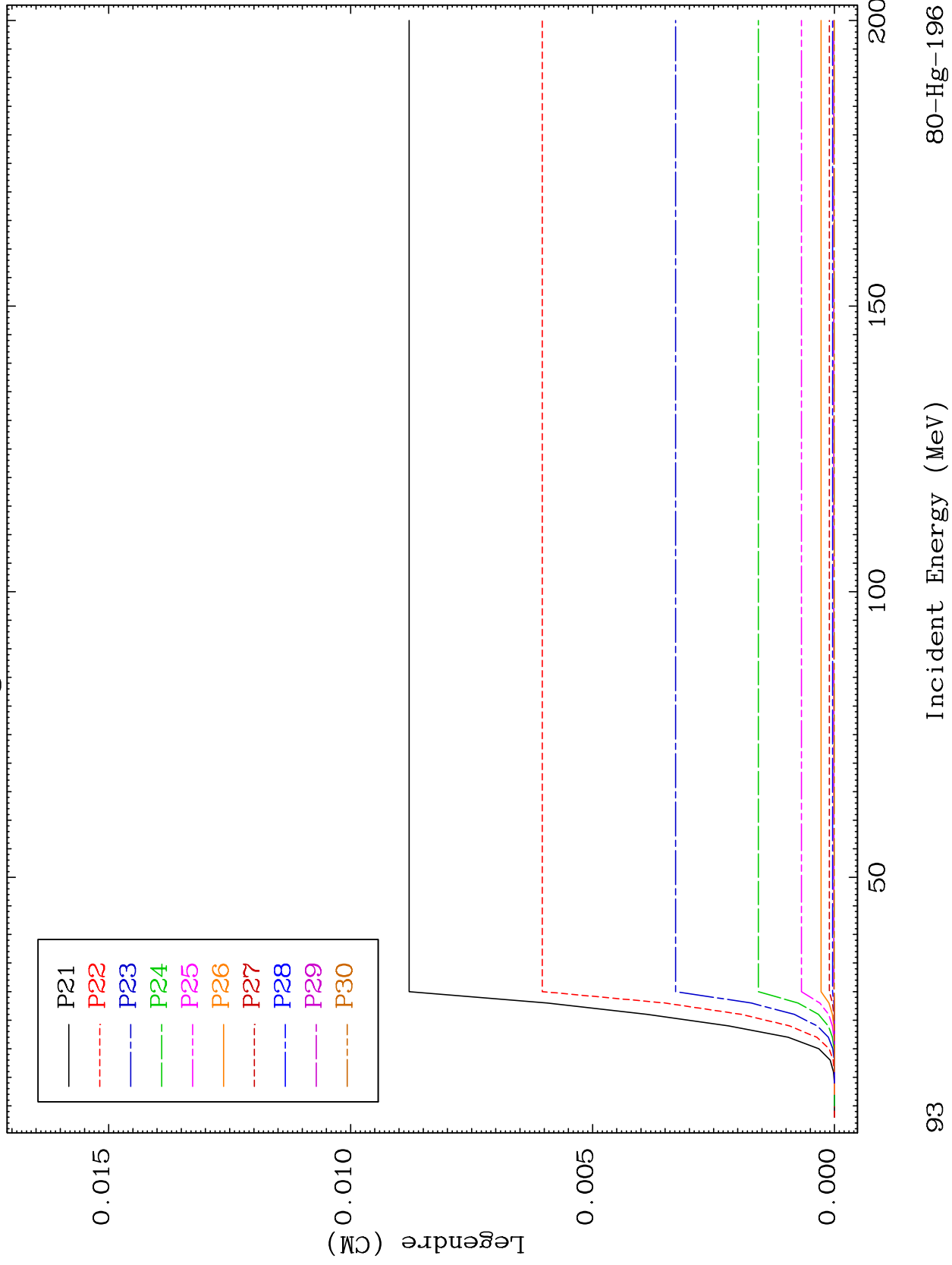
Incident Energy (MeV)

80-Hg-196

MAT 8025

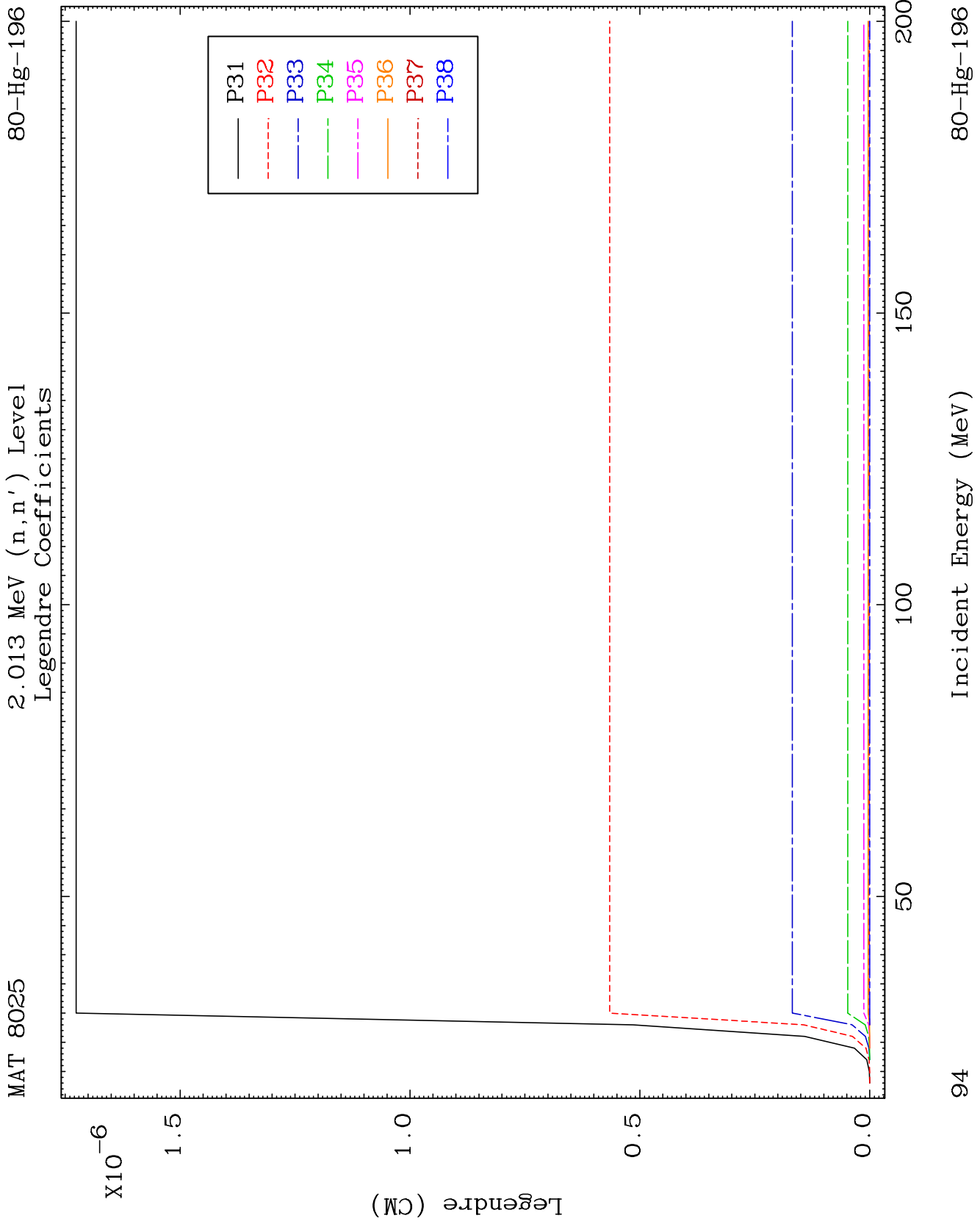
2.013 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



93

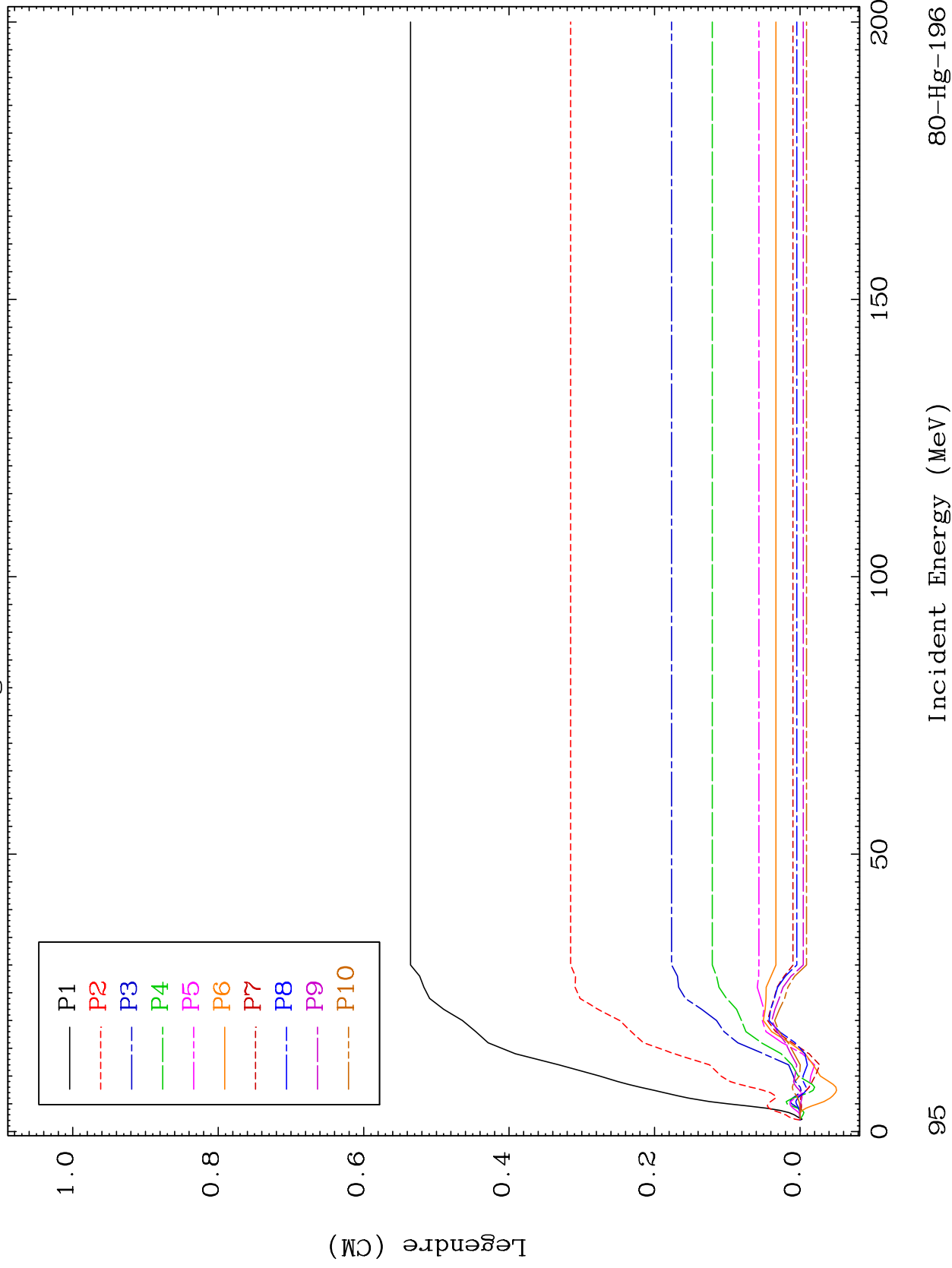
80-Hg-196



MAT 8025

2.044 MeV (n, n') Level  
Legendre Coefficients

80-Hg-196



80-Hg-196

Incident Energy (MeV)

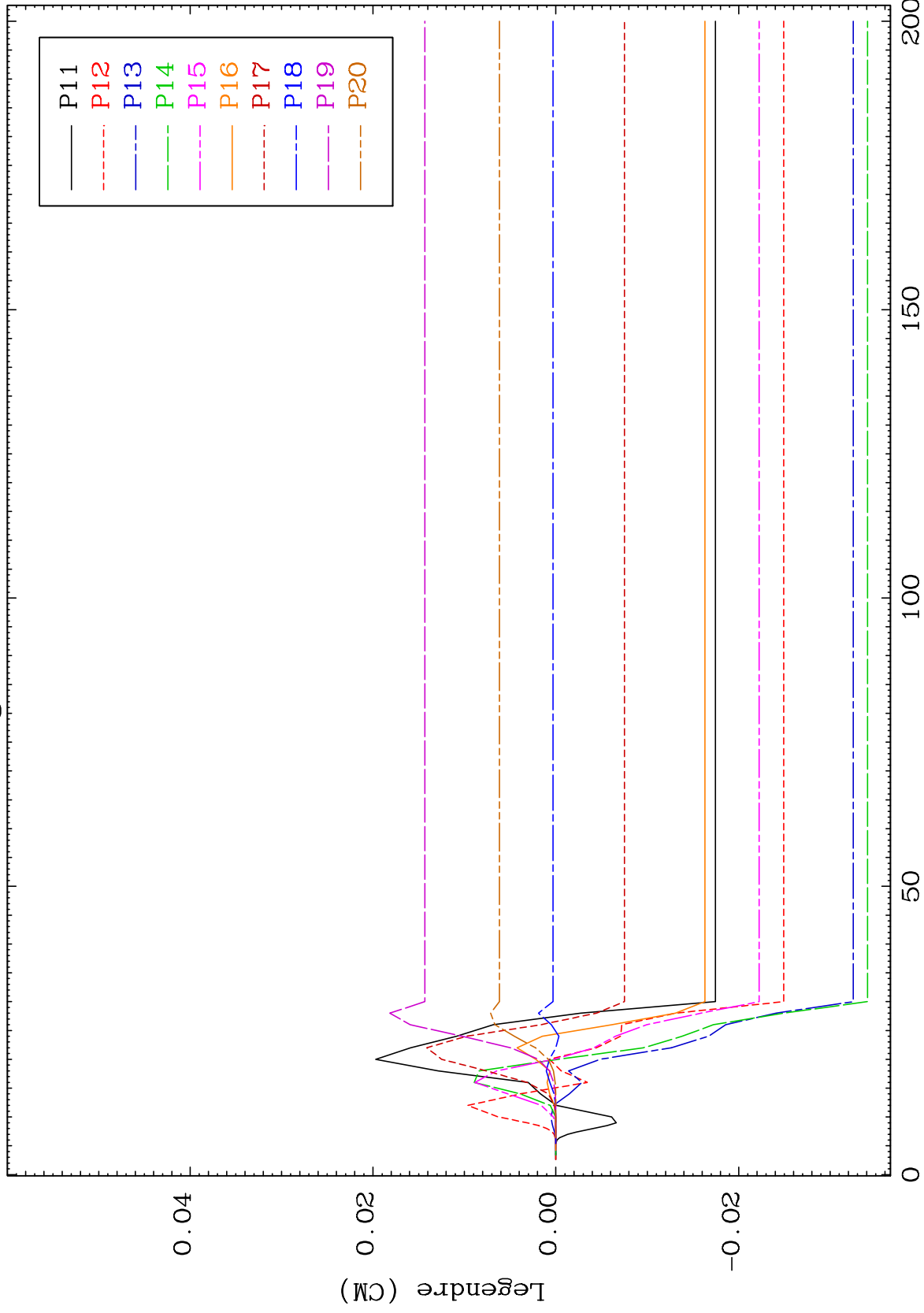
95



MAT 8025

2.044 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



96

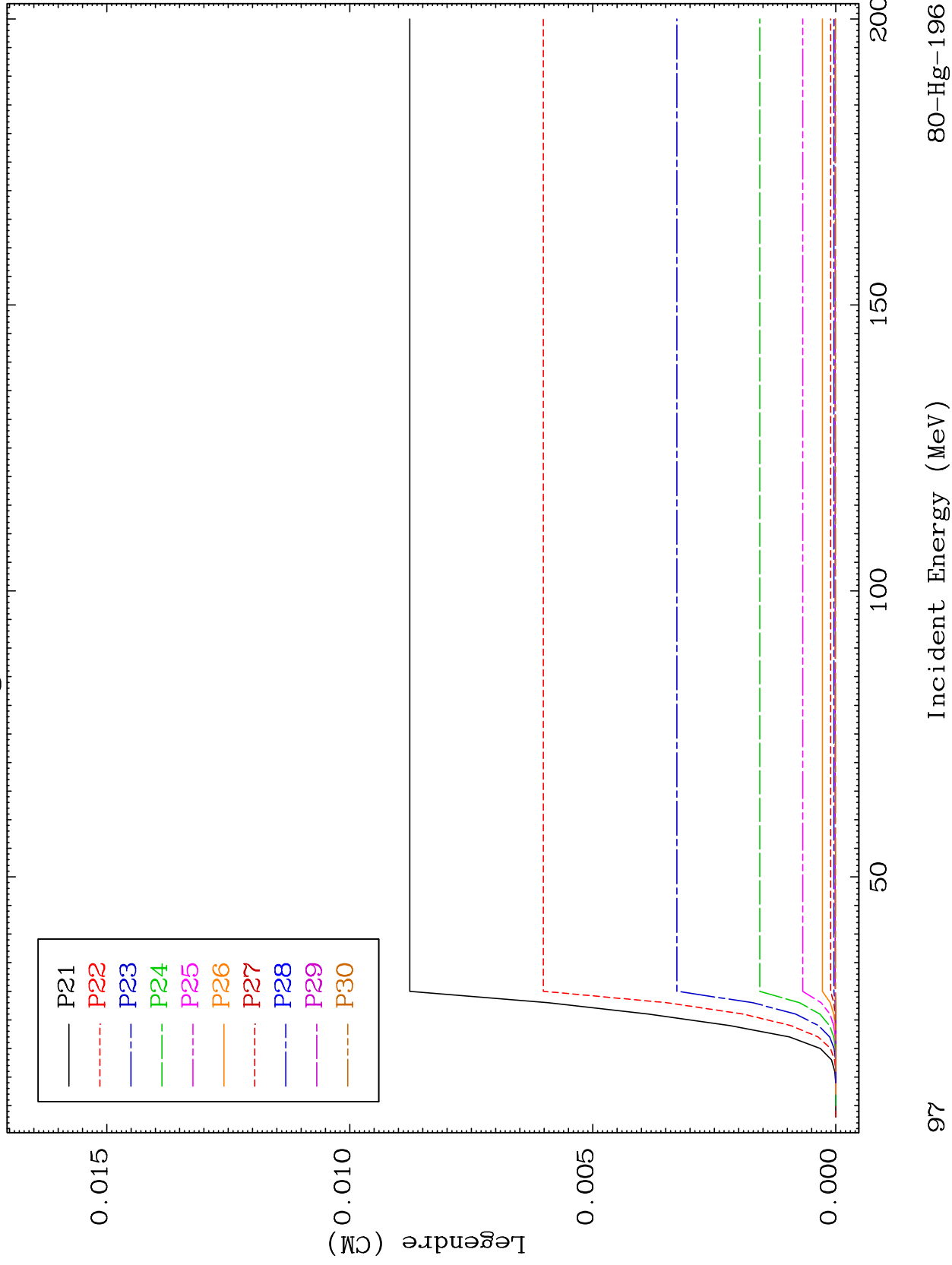
Incident Energy (MeV)

80-Hg-196

MAT 8025

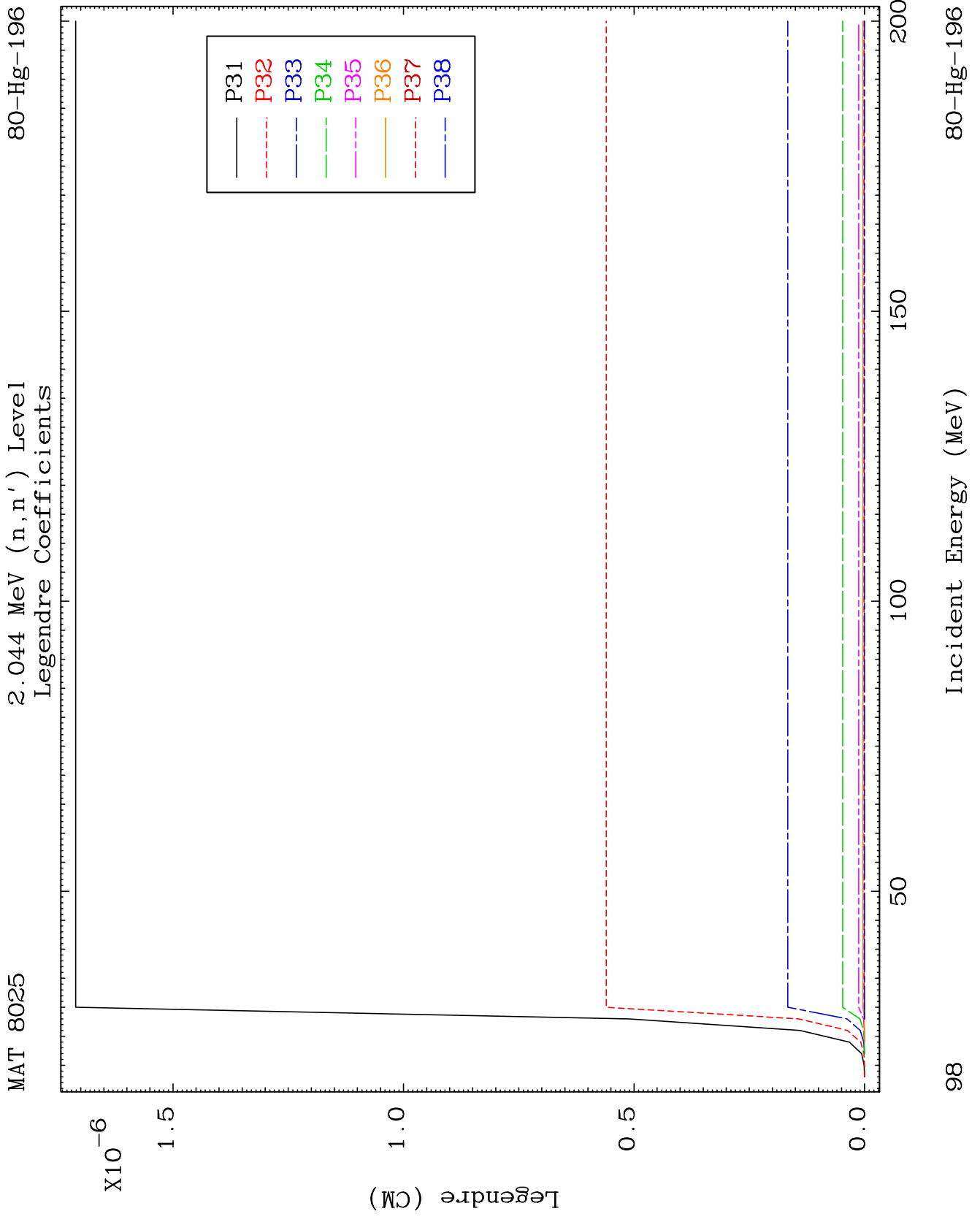
2.044 MeV (n, n') Level  
Legendre Coefficients

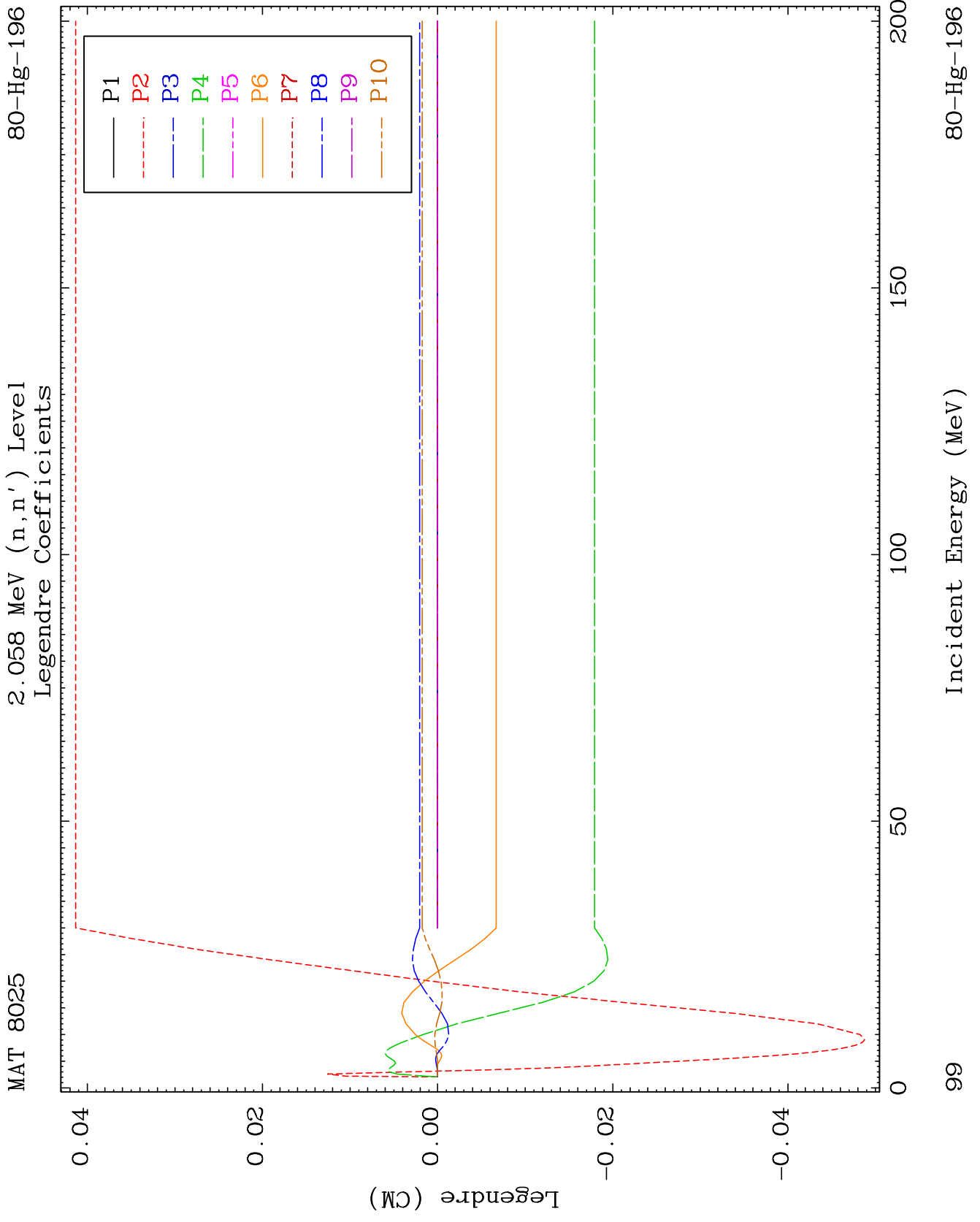
80-Hg-196

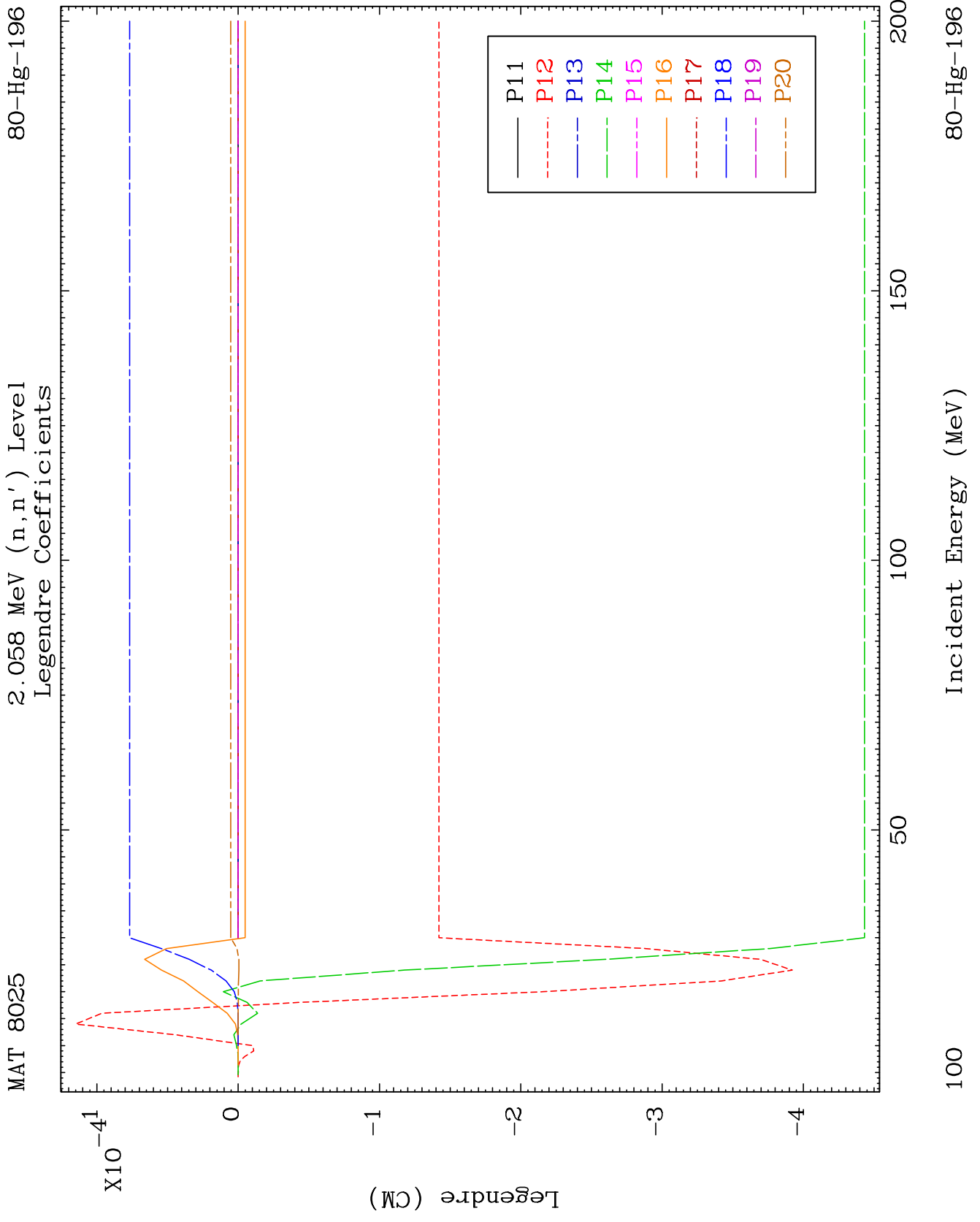


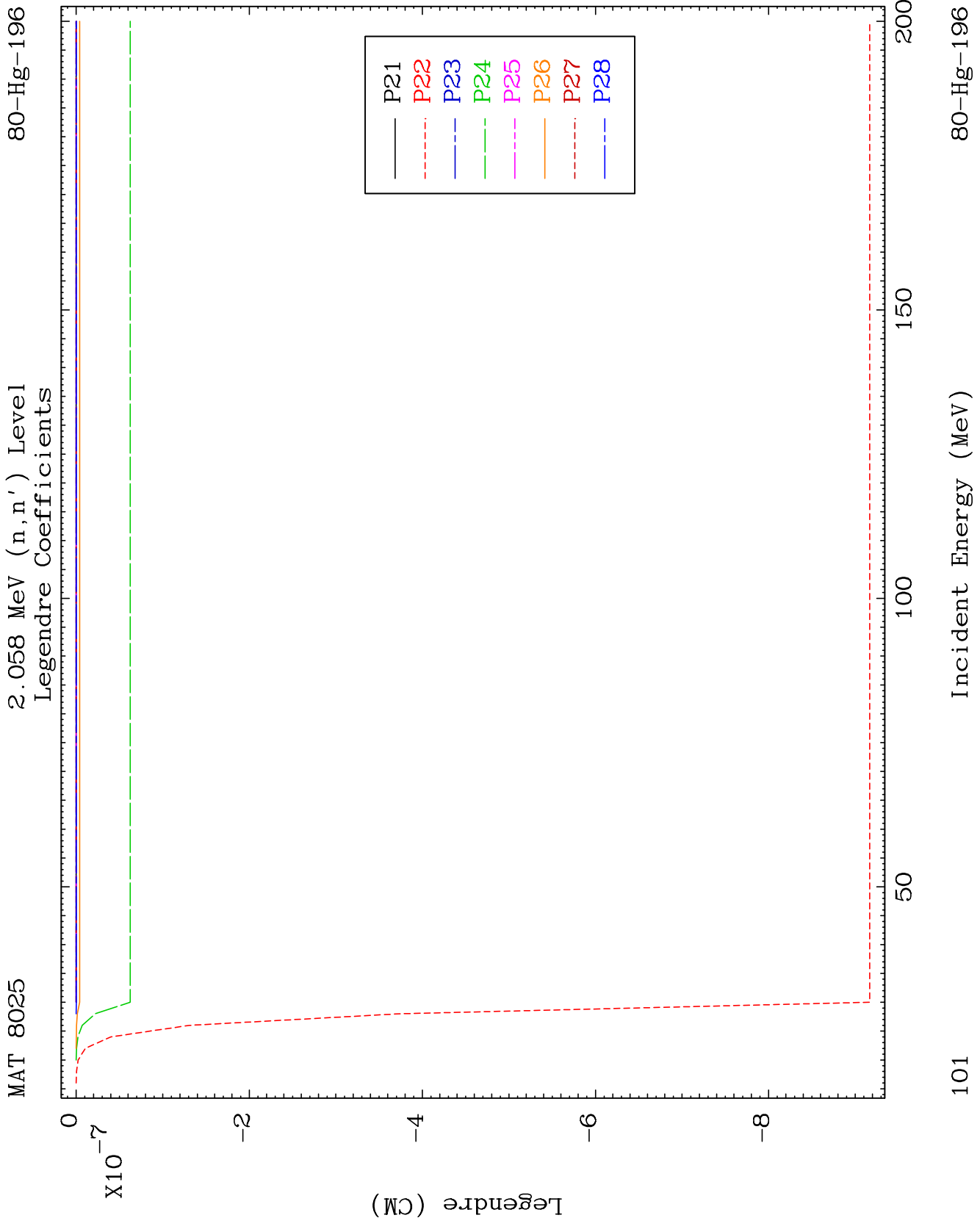
97

80-Hg-196

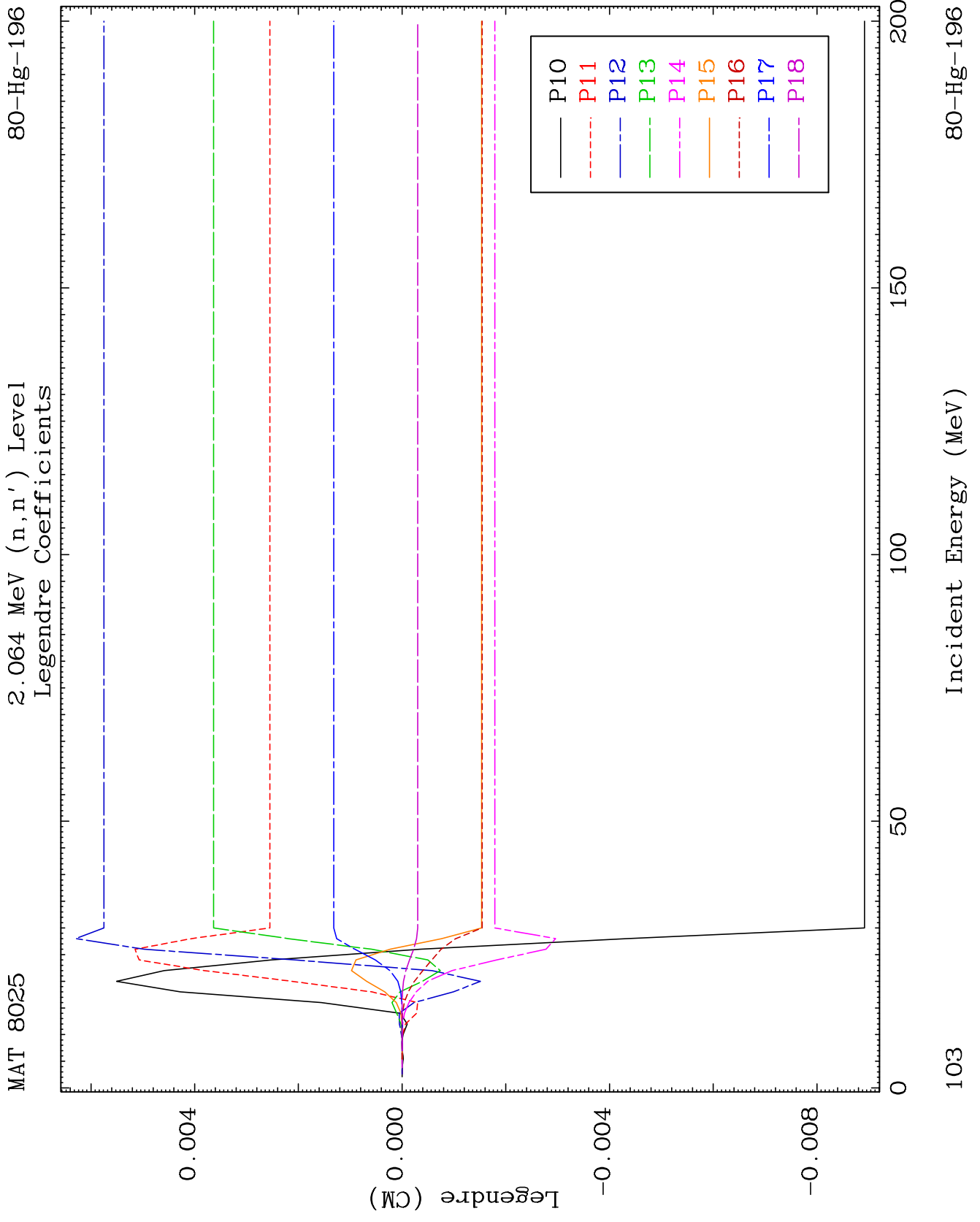










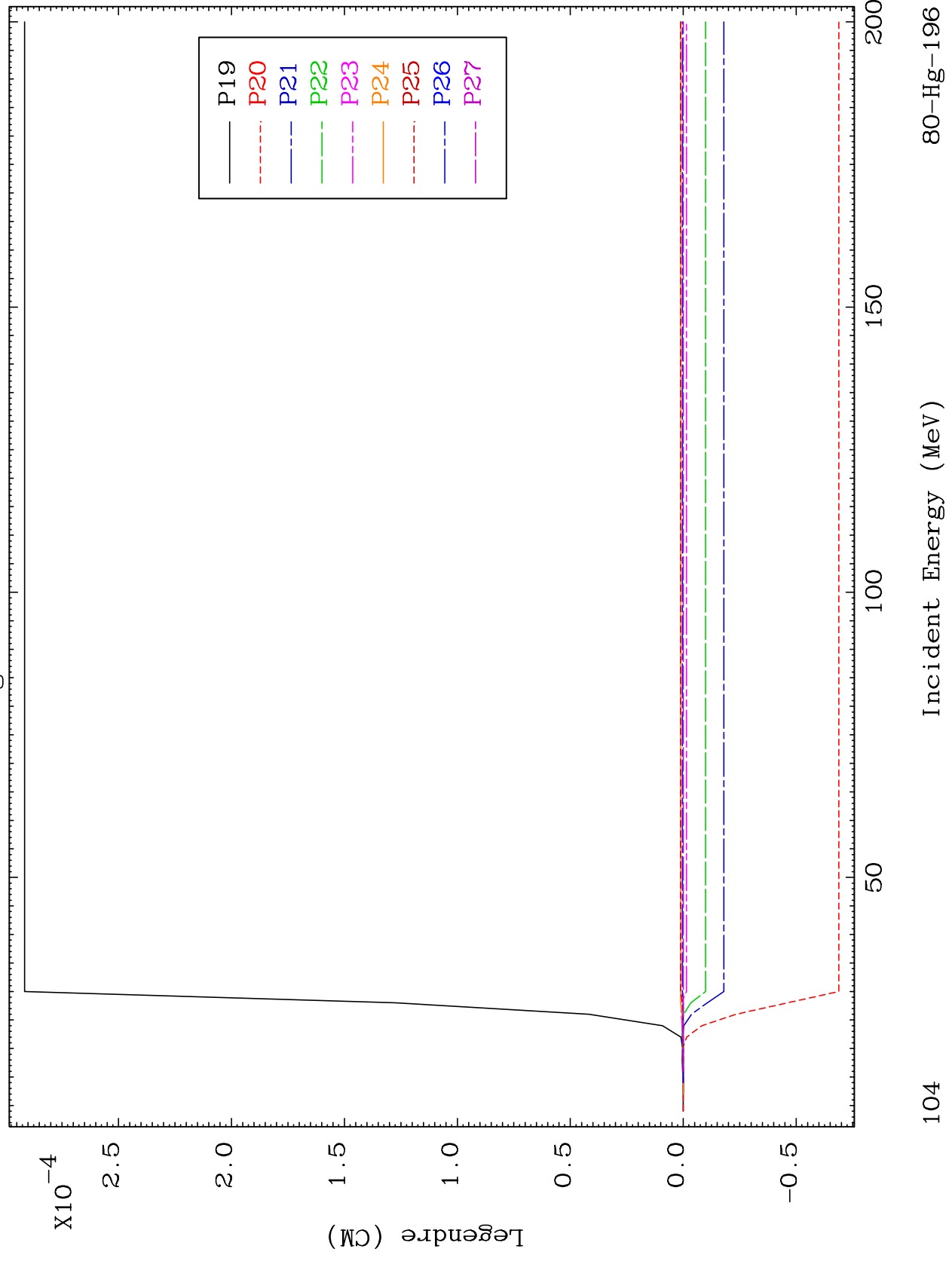




MAT 8025

2.064 MeV (n, n') Level  
Legendre Coefficients

80-Hg-196



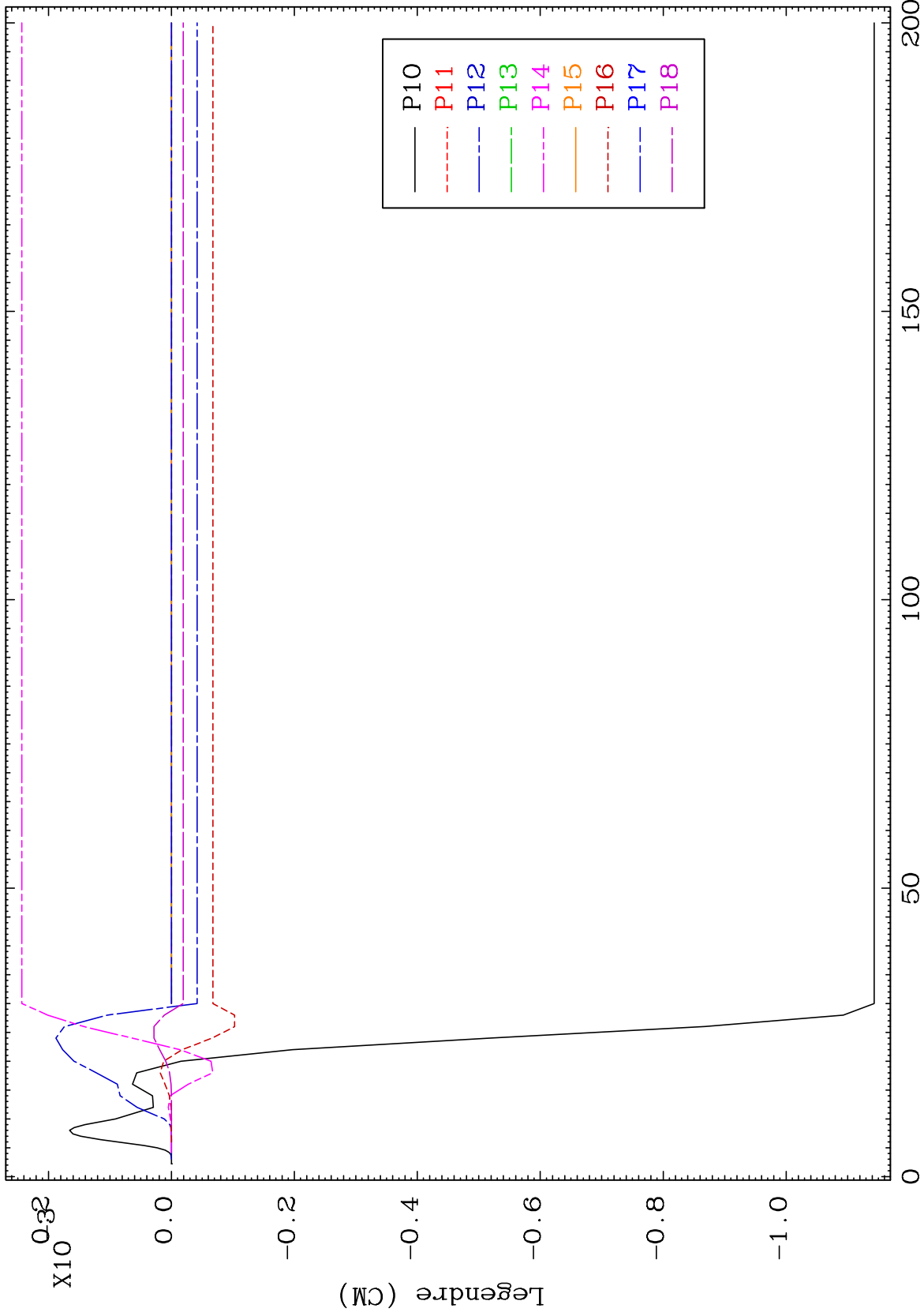




MAT 8025

2.098 MeV (n,n') Level  
Legendre Coefficients

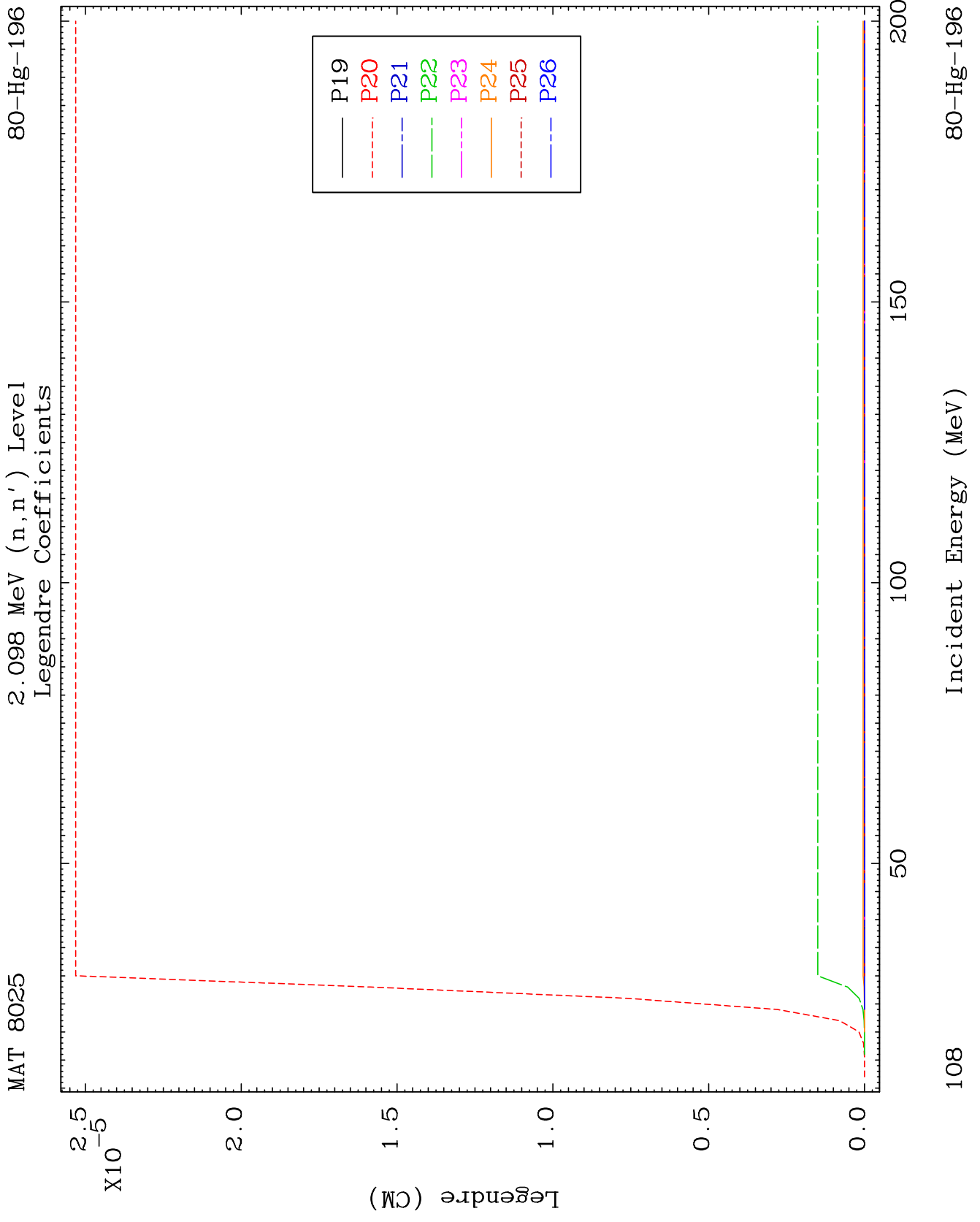
80-Hg-196

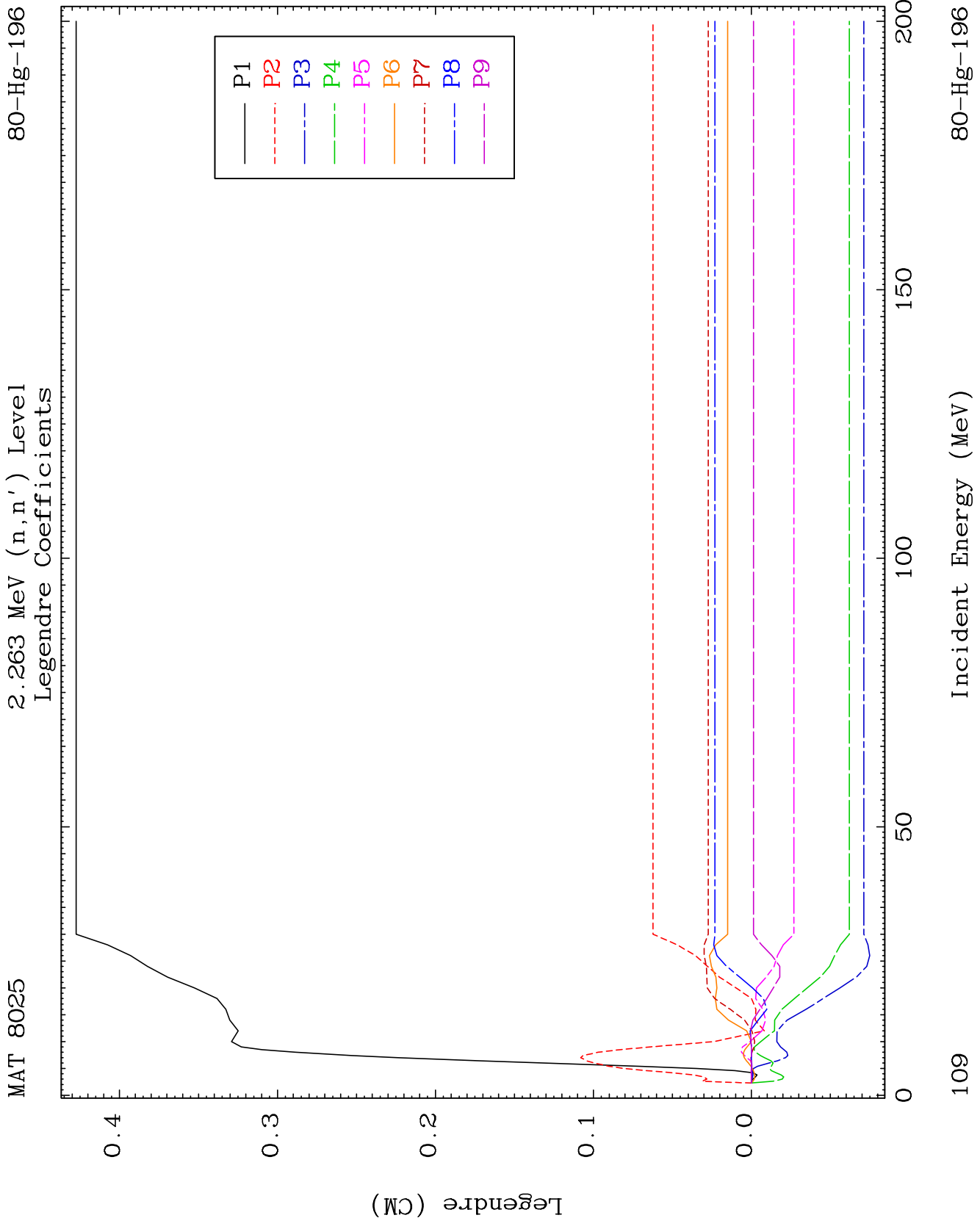


107

Incident Energy (MeV)

80-Hg-196

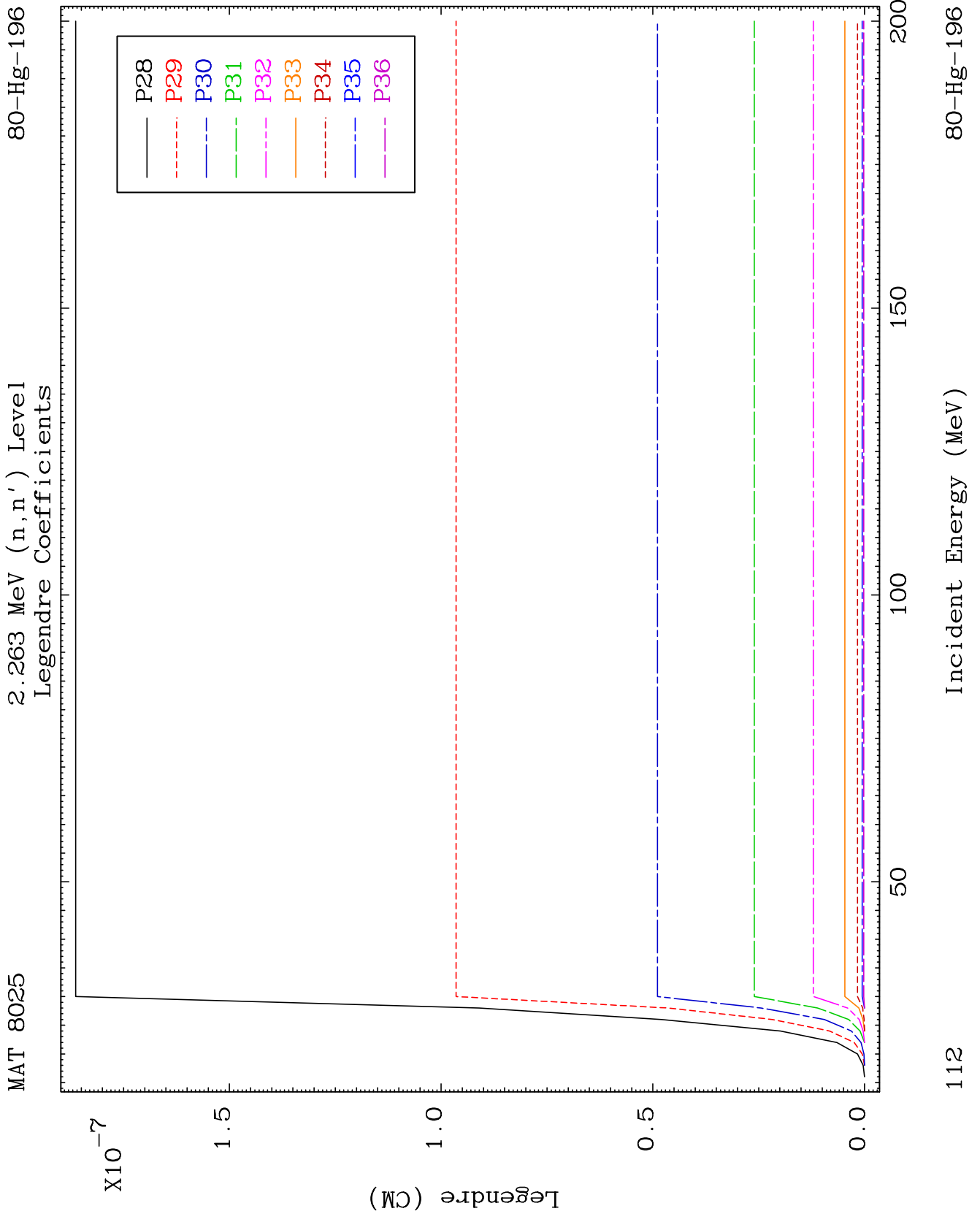








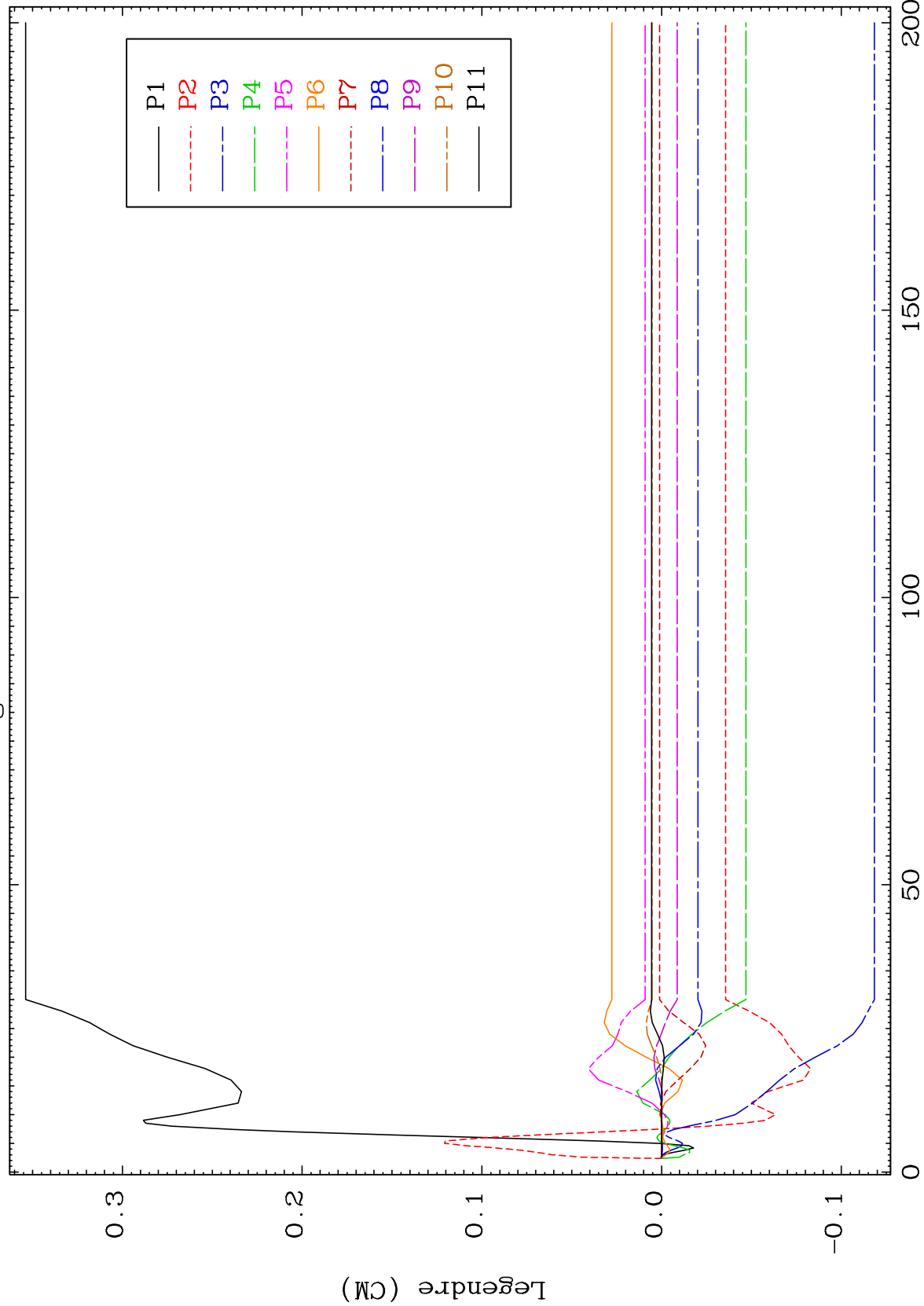




MAT 8025

2.342 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



113

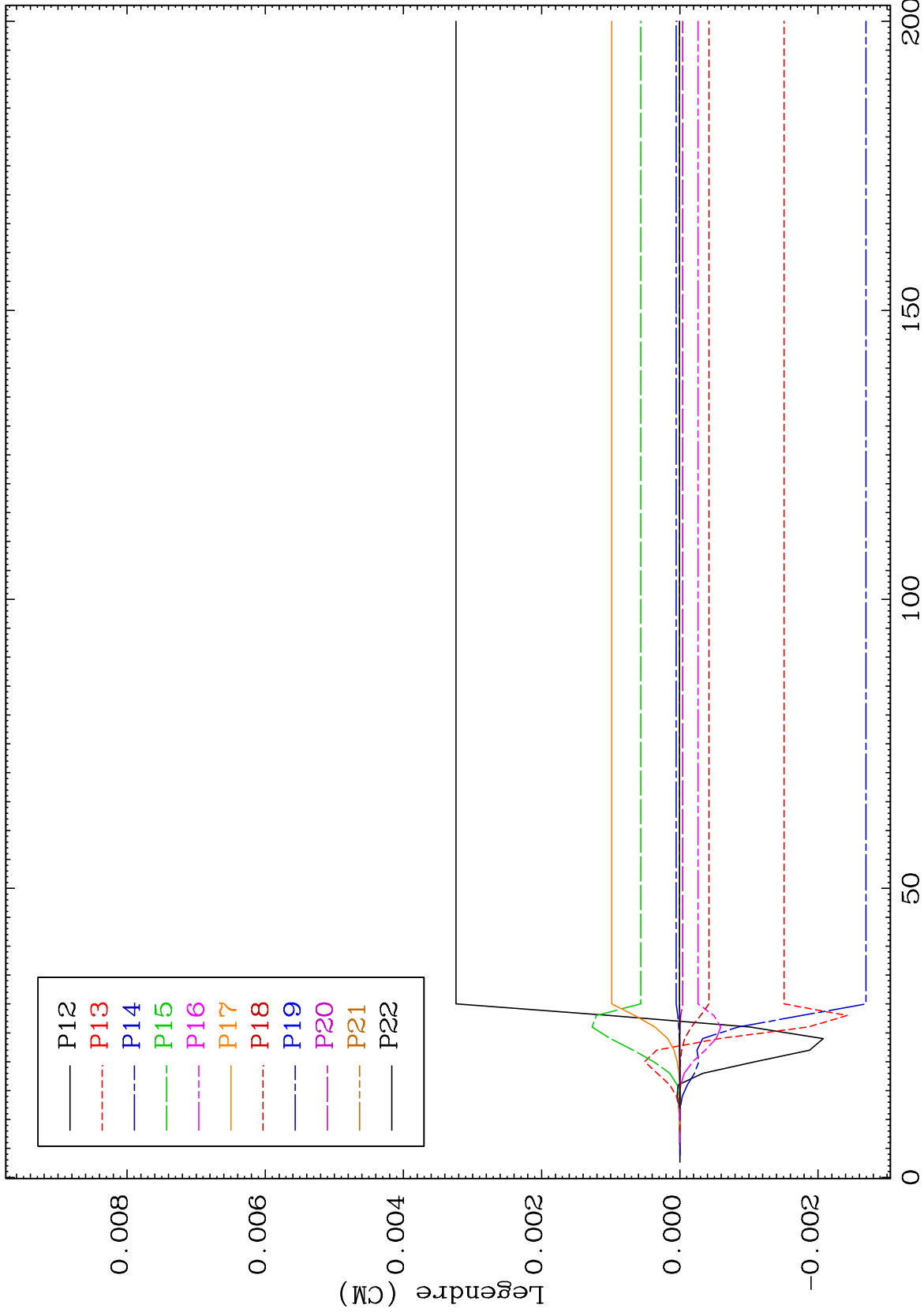
Incident Energy (MeV)

80-Hg-196

MAT 8025

2.342 MeV (n,n') Level  
Legendre Coefficients

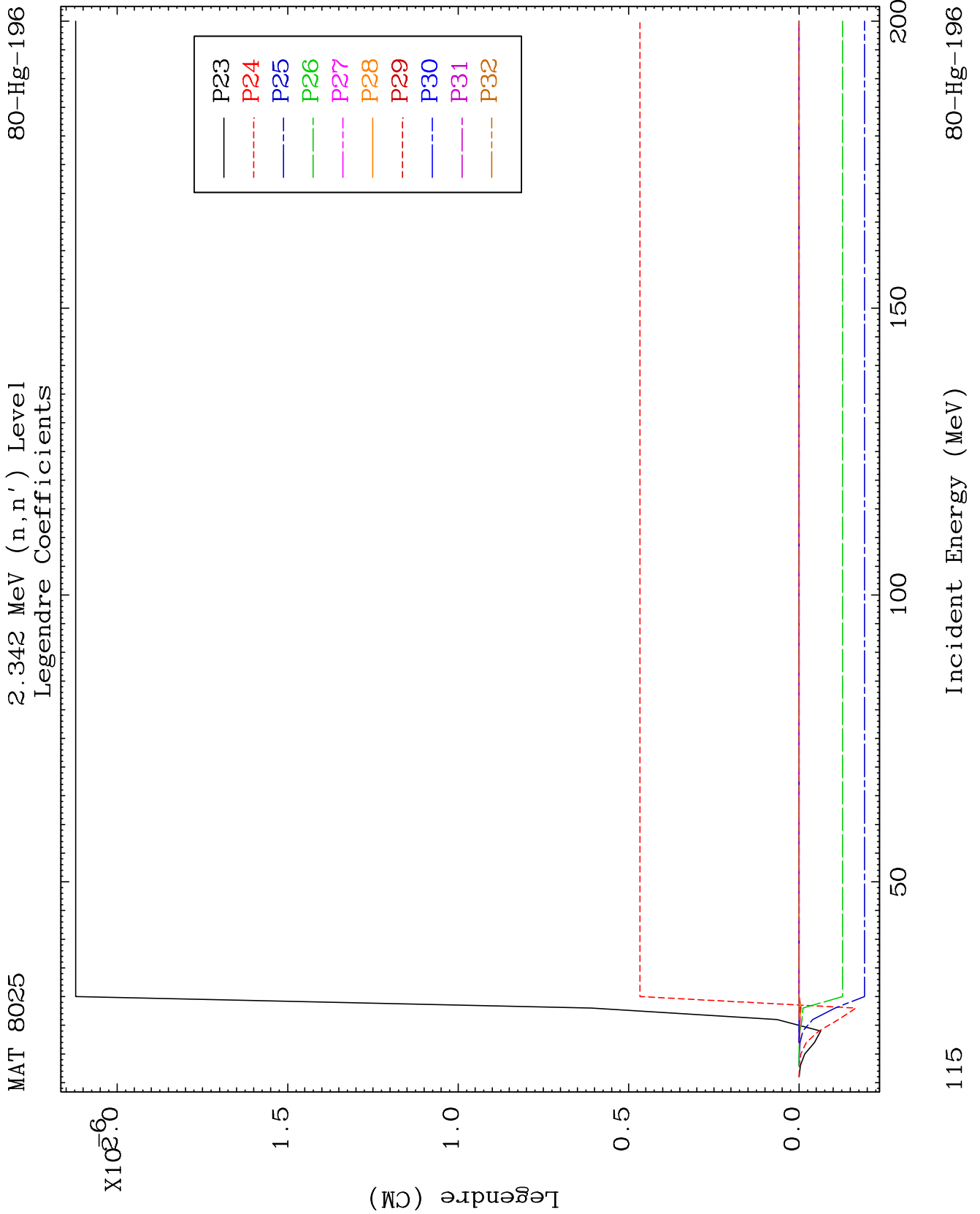
80-Hg-196

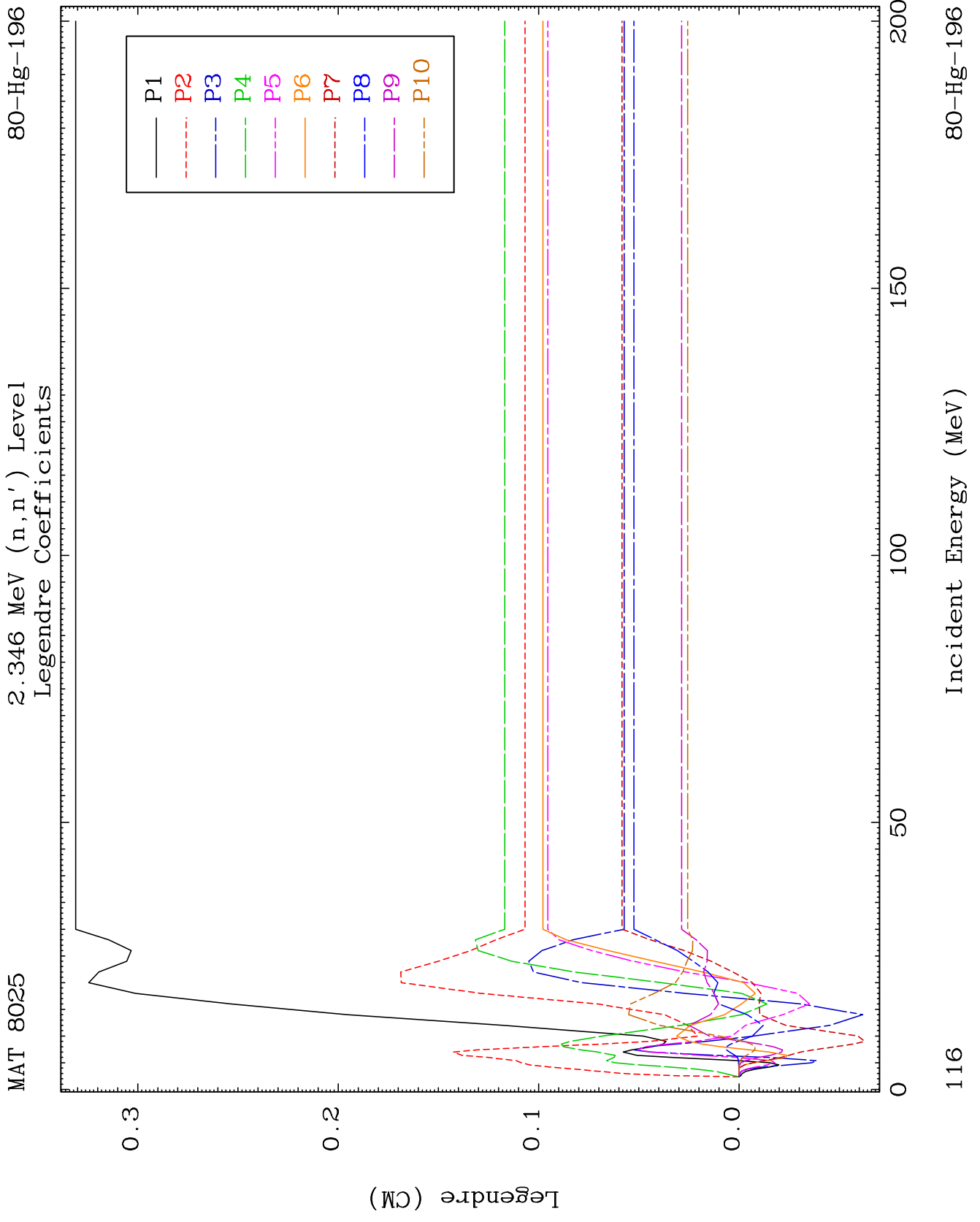


114

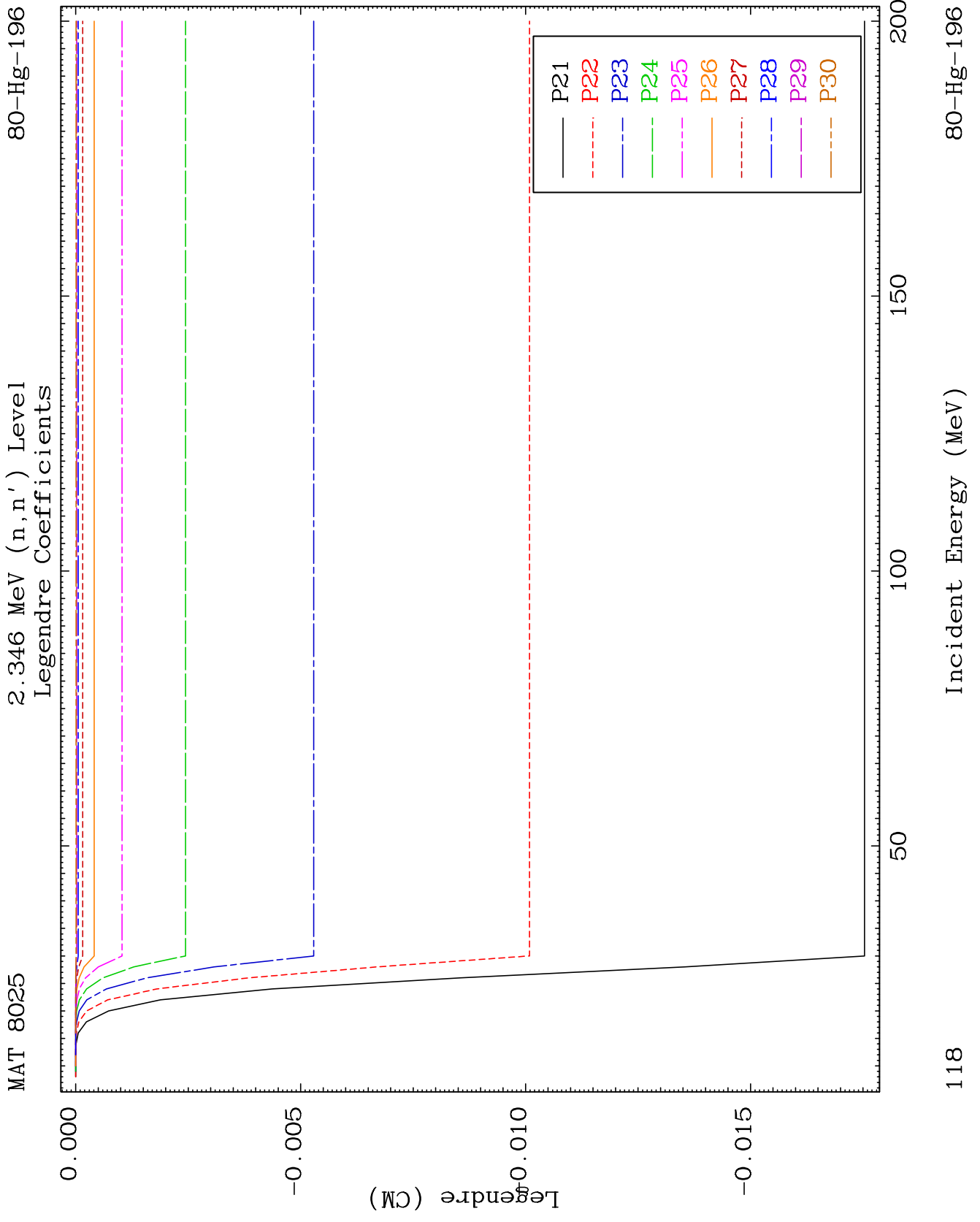
Incident Energy (MeV)

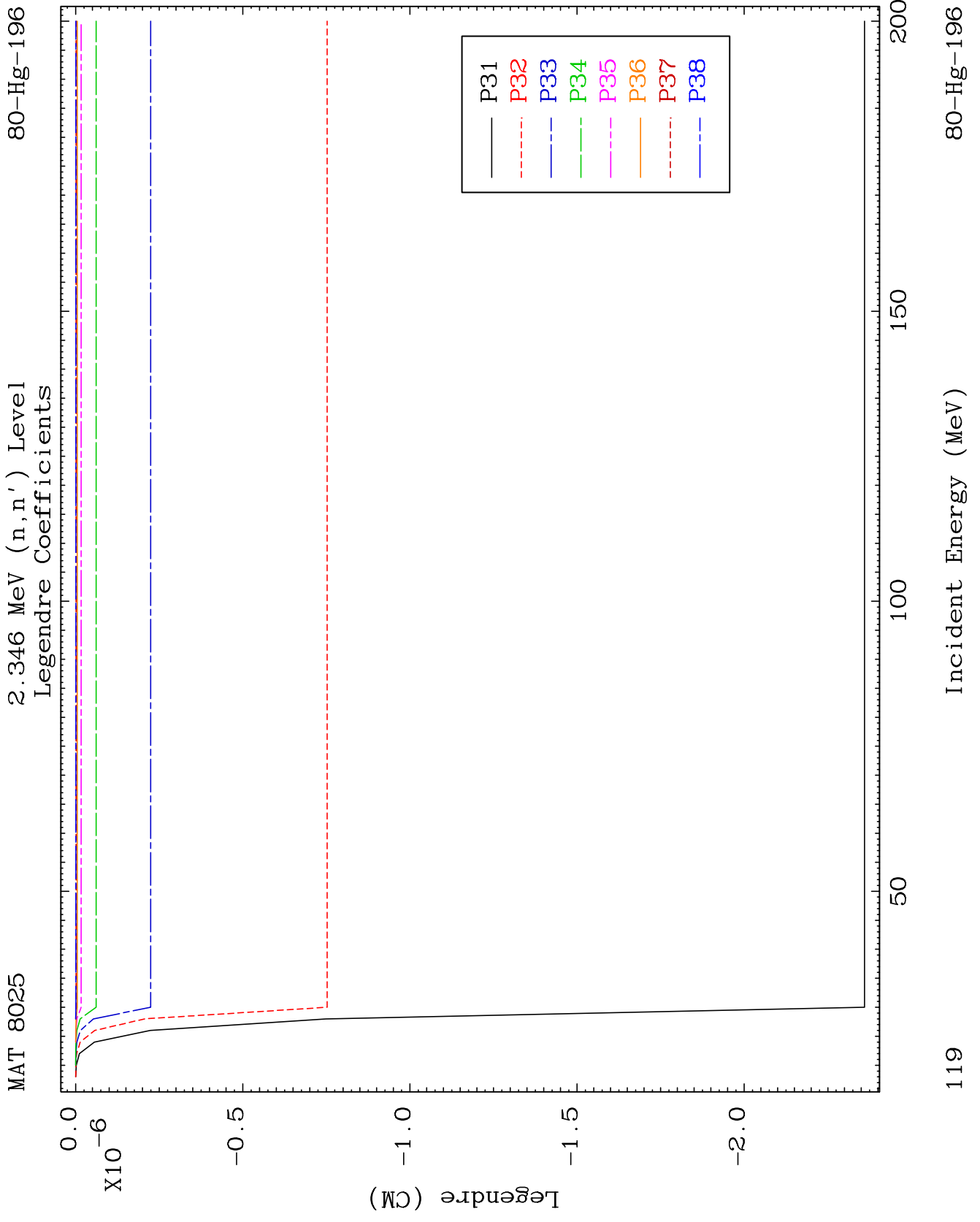
80-Hg-196











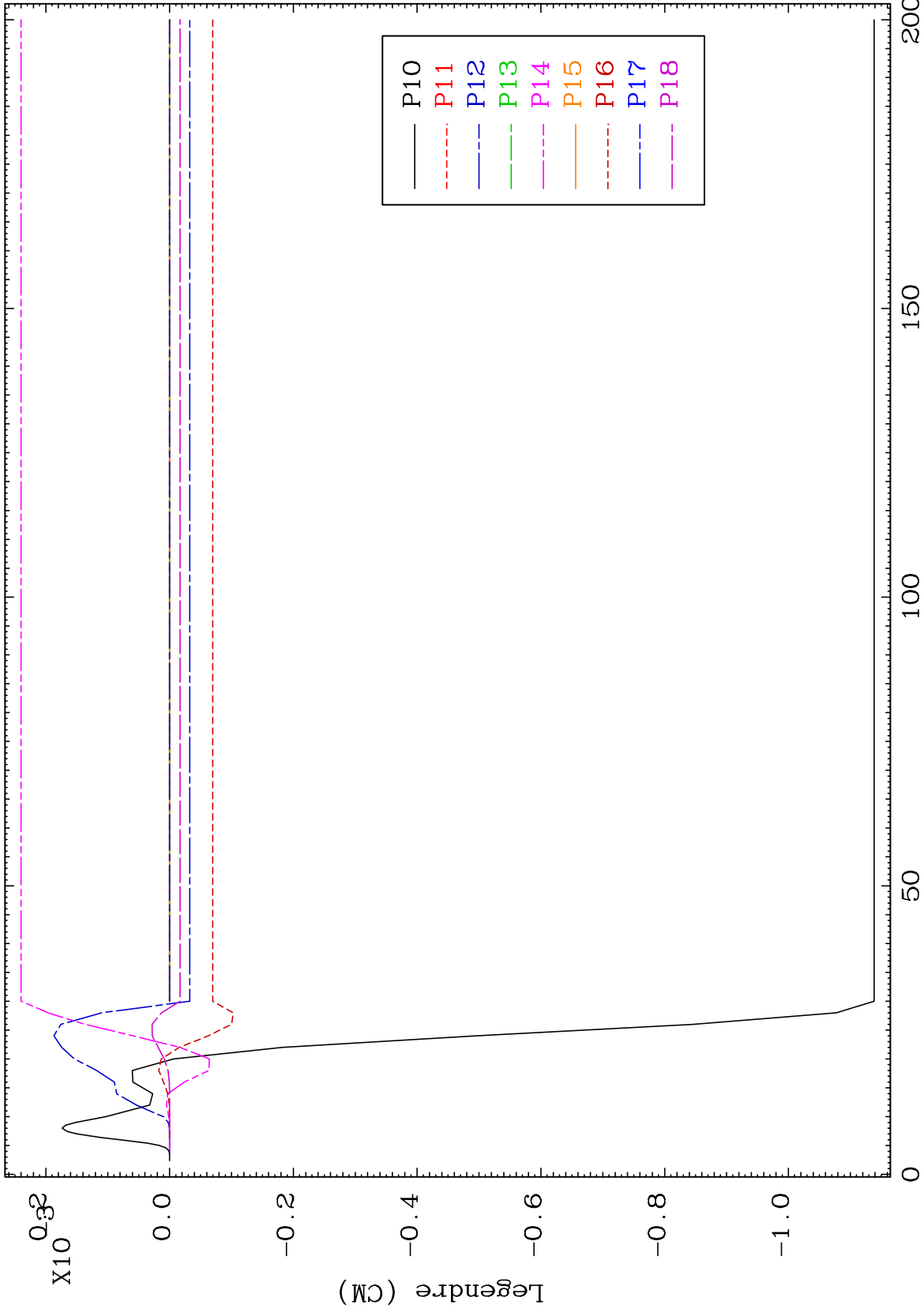




MAT 8025

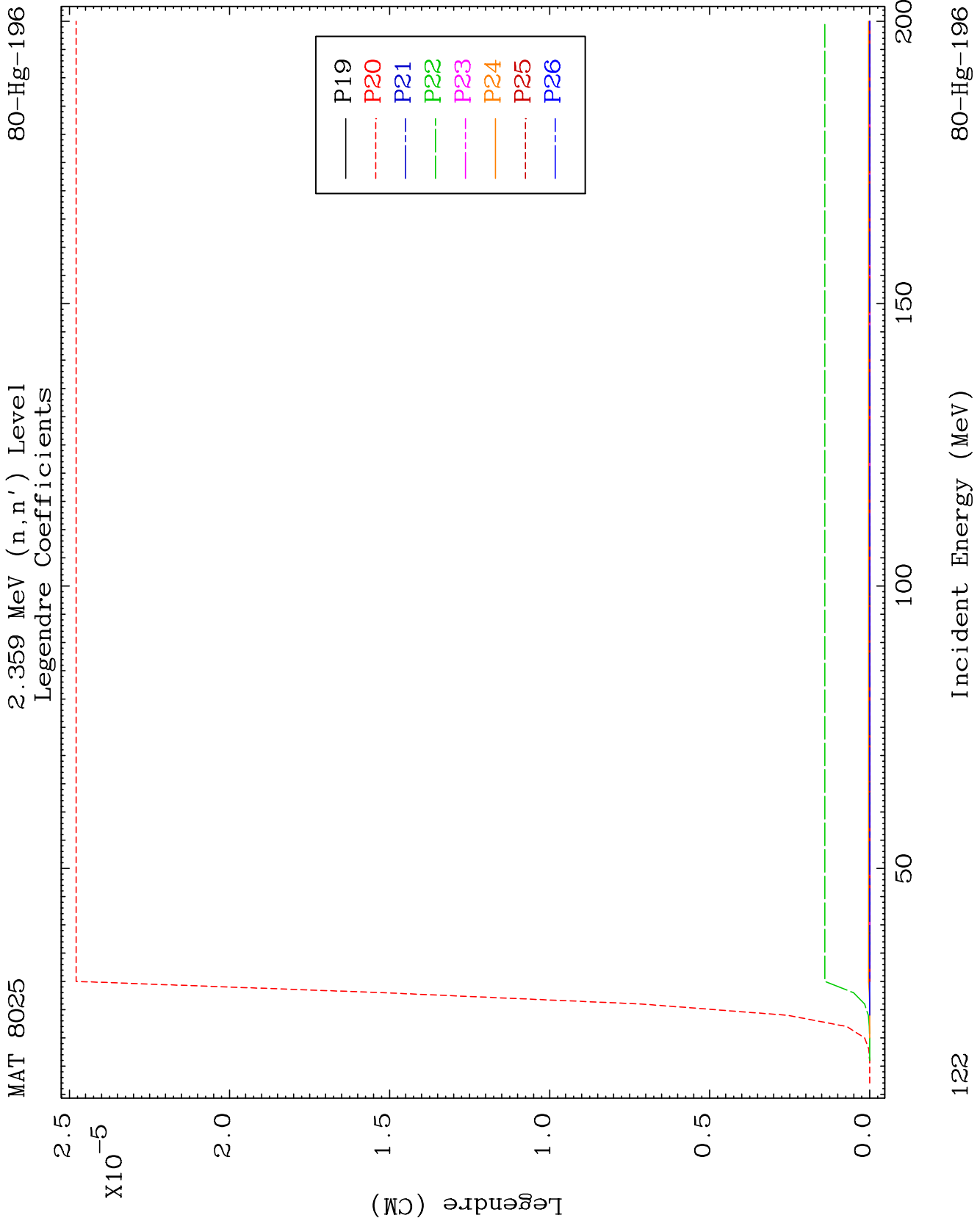
2.359 MeV (n,n') Level  
Legendre Coefficients

80-Hg-196



121

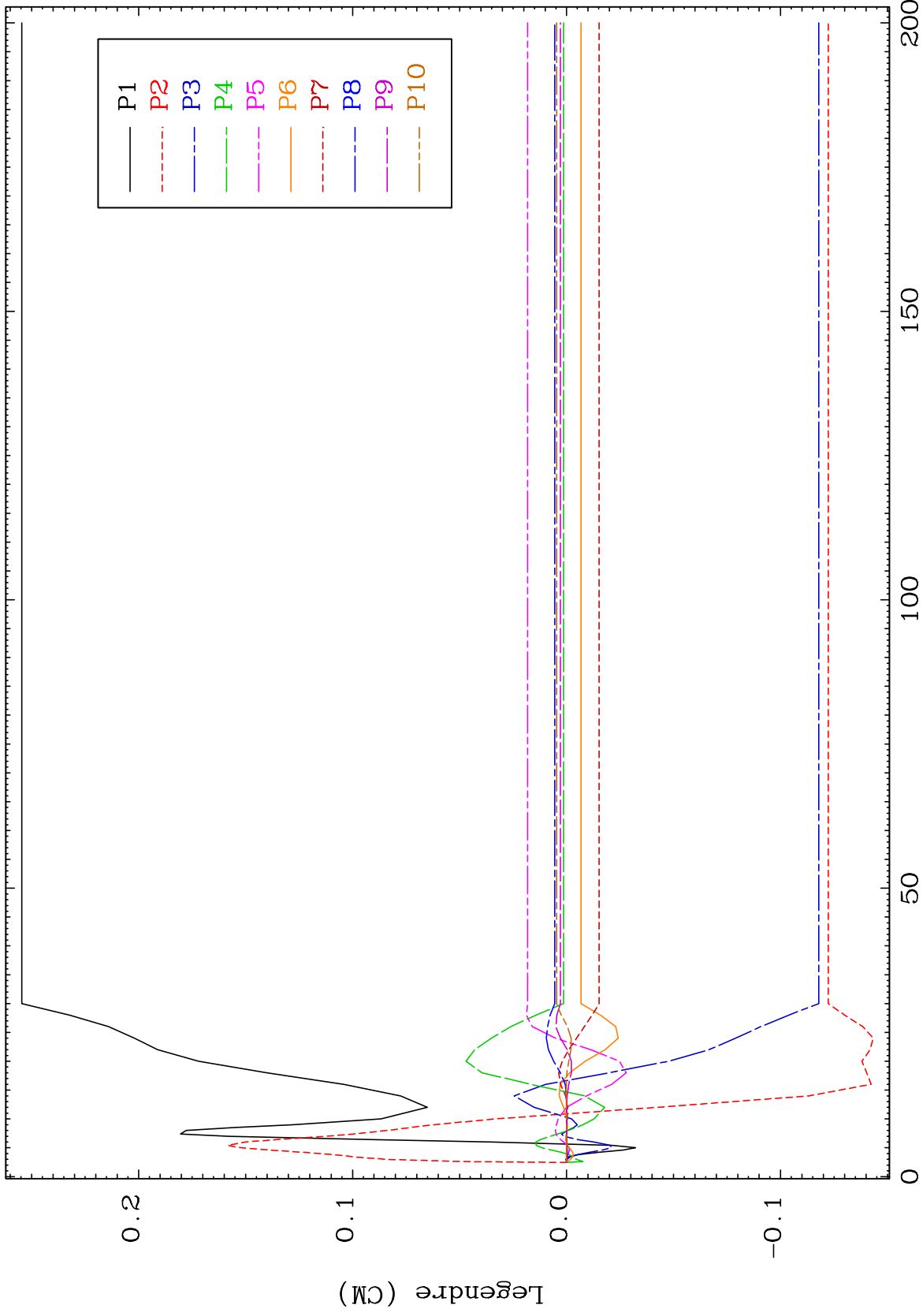
80-Hg-196



MAT 8025

2.439 MeV (n,n') Level  
Legendre Coefficients

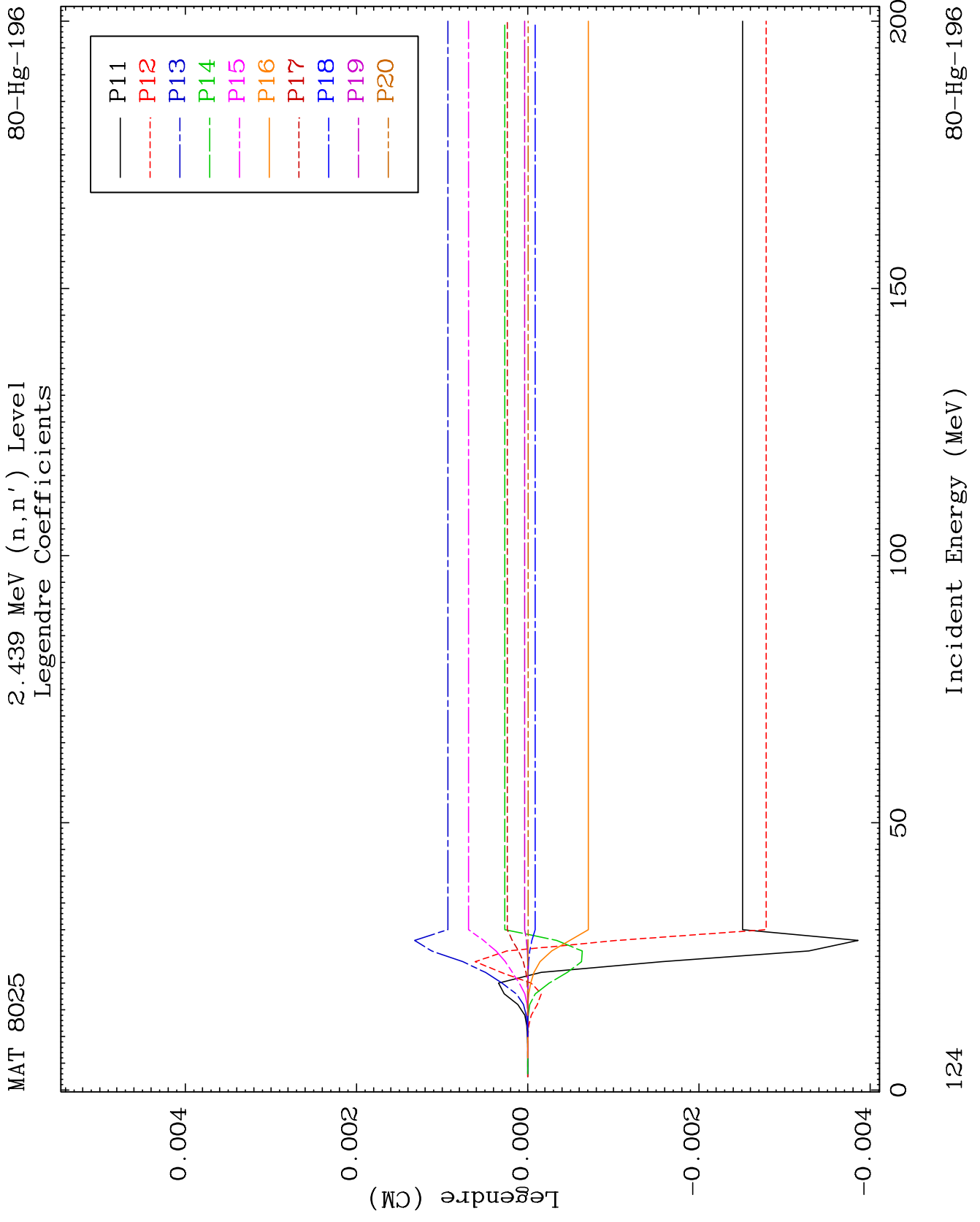
80-Hg-196

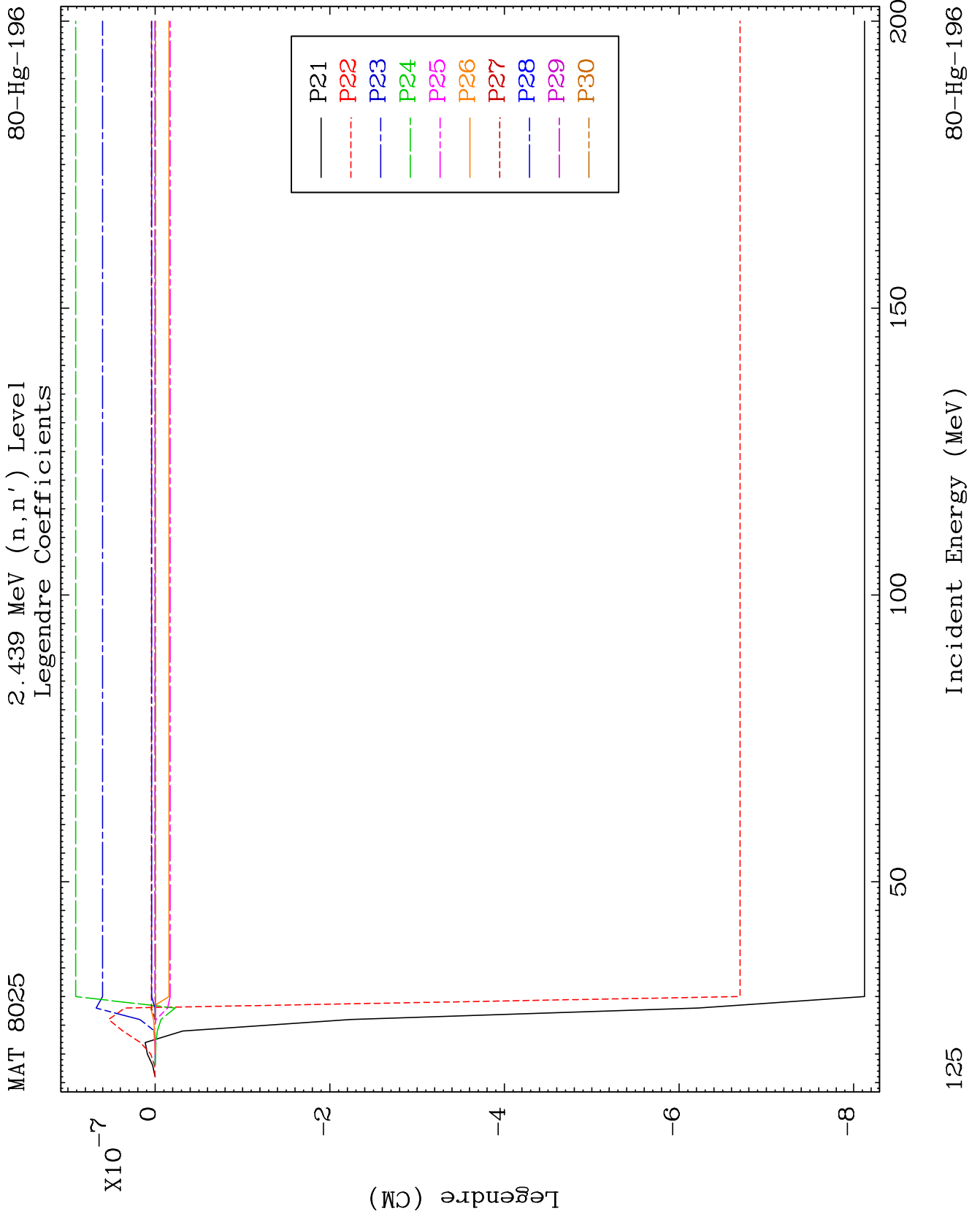


123

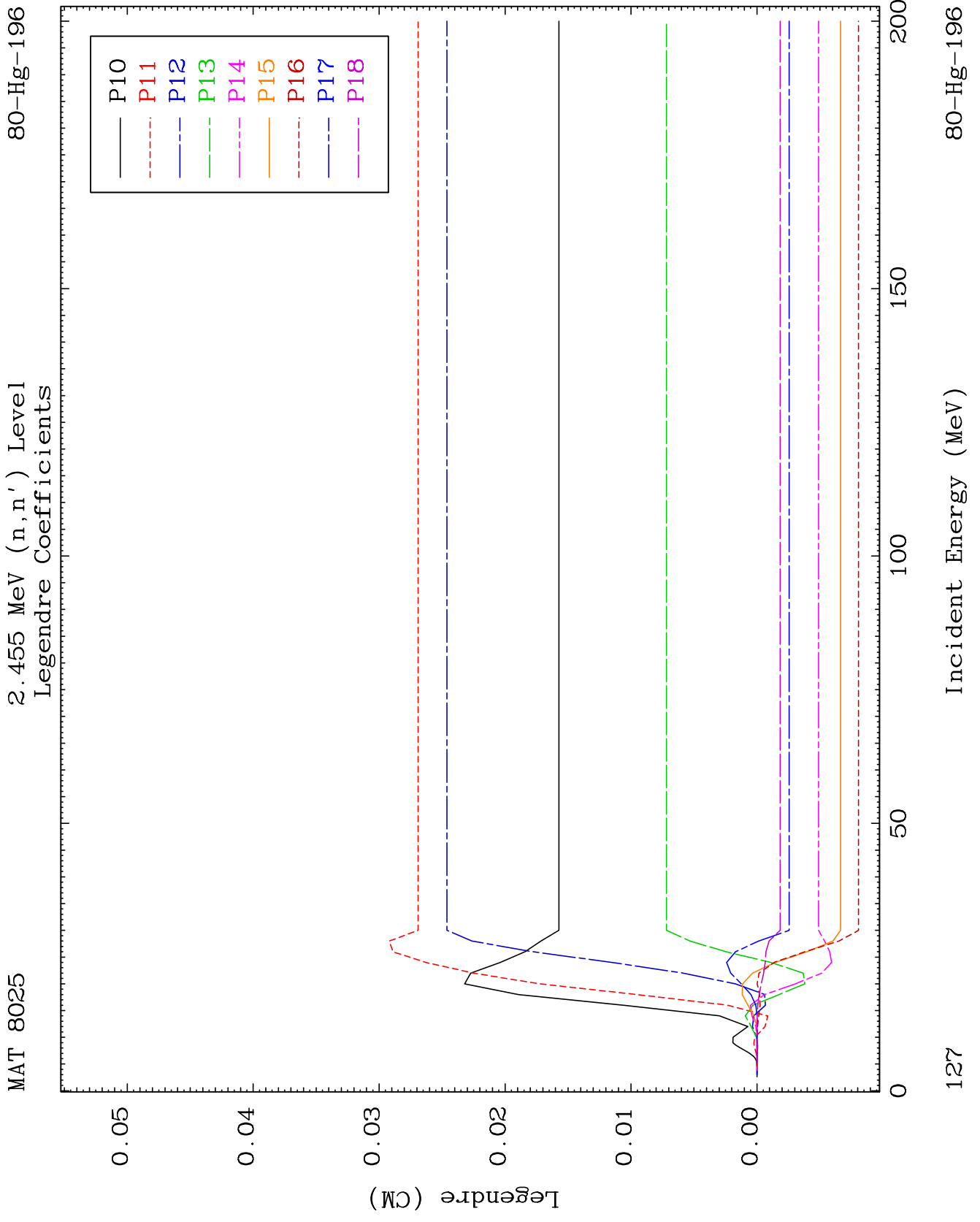
Incident Energy (MeV)

80-Hg-196

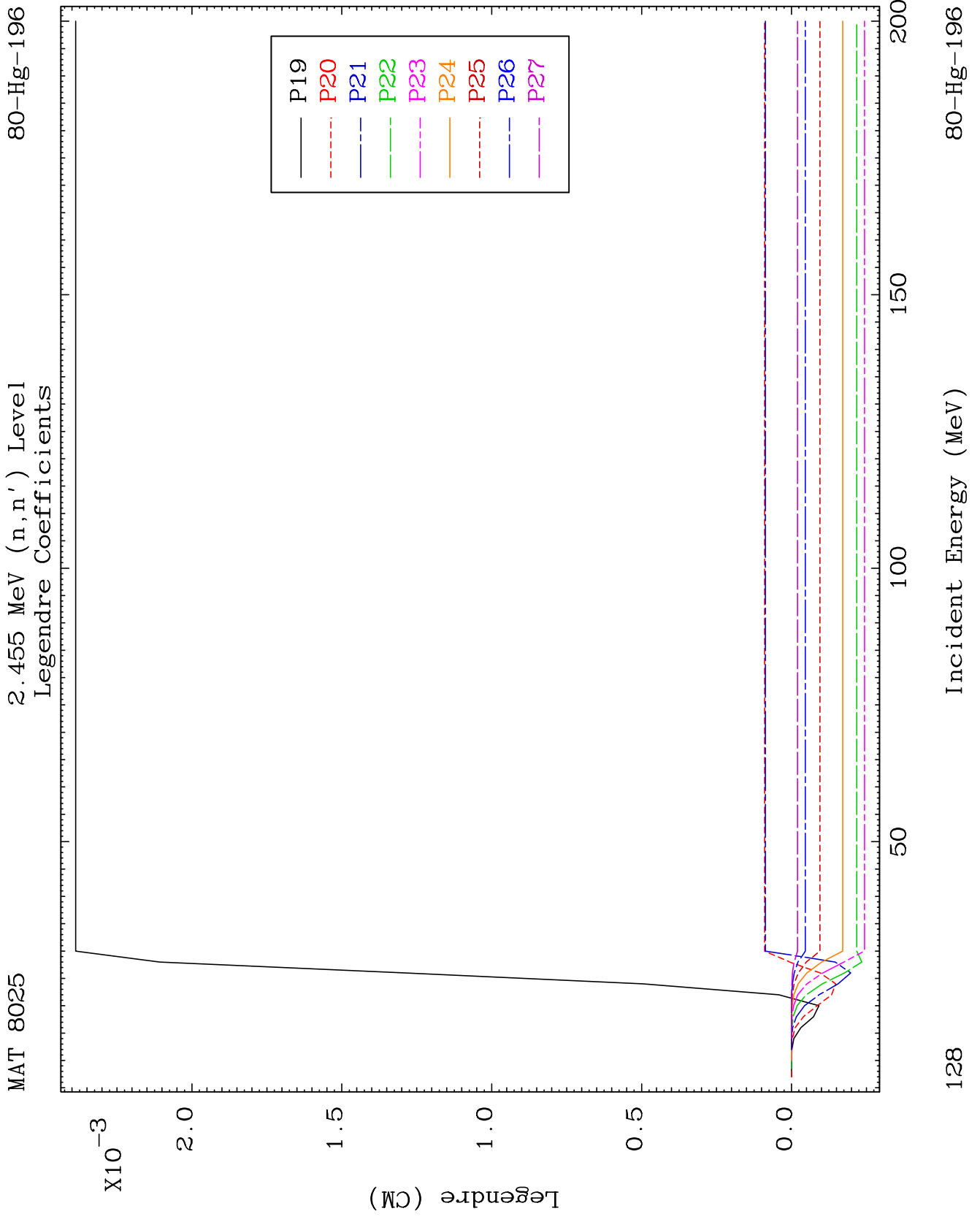


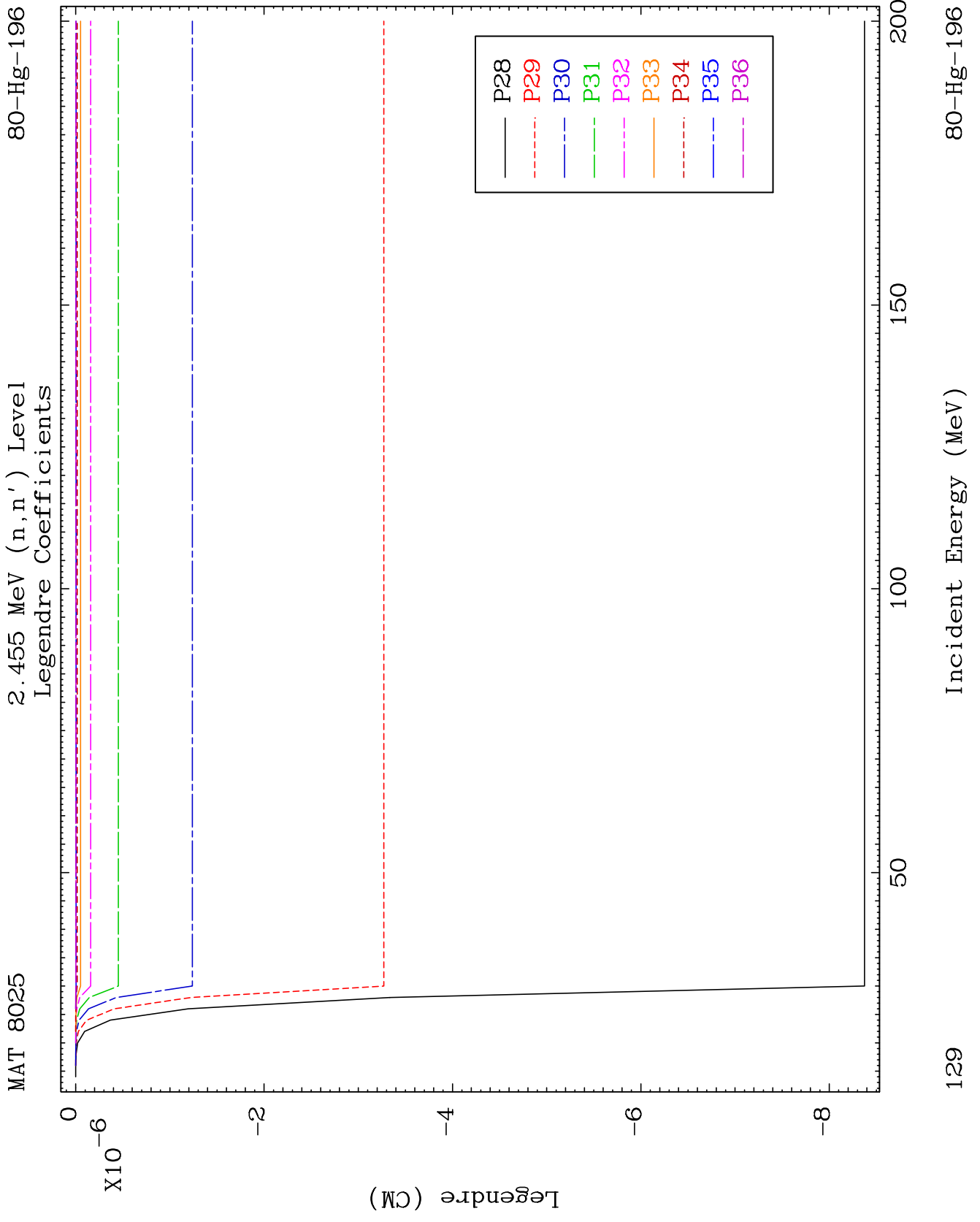










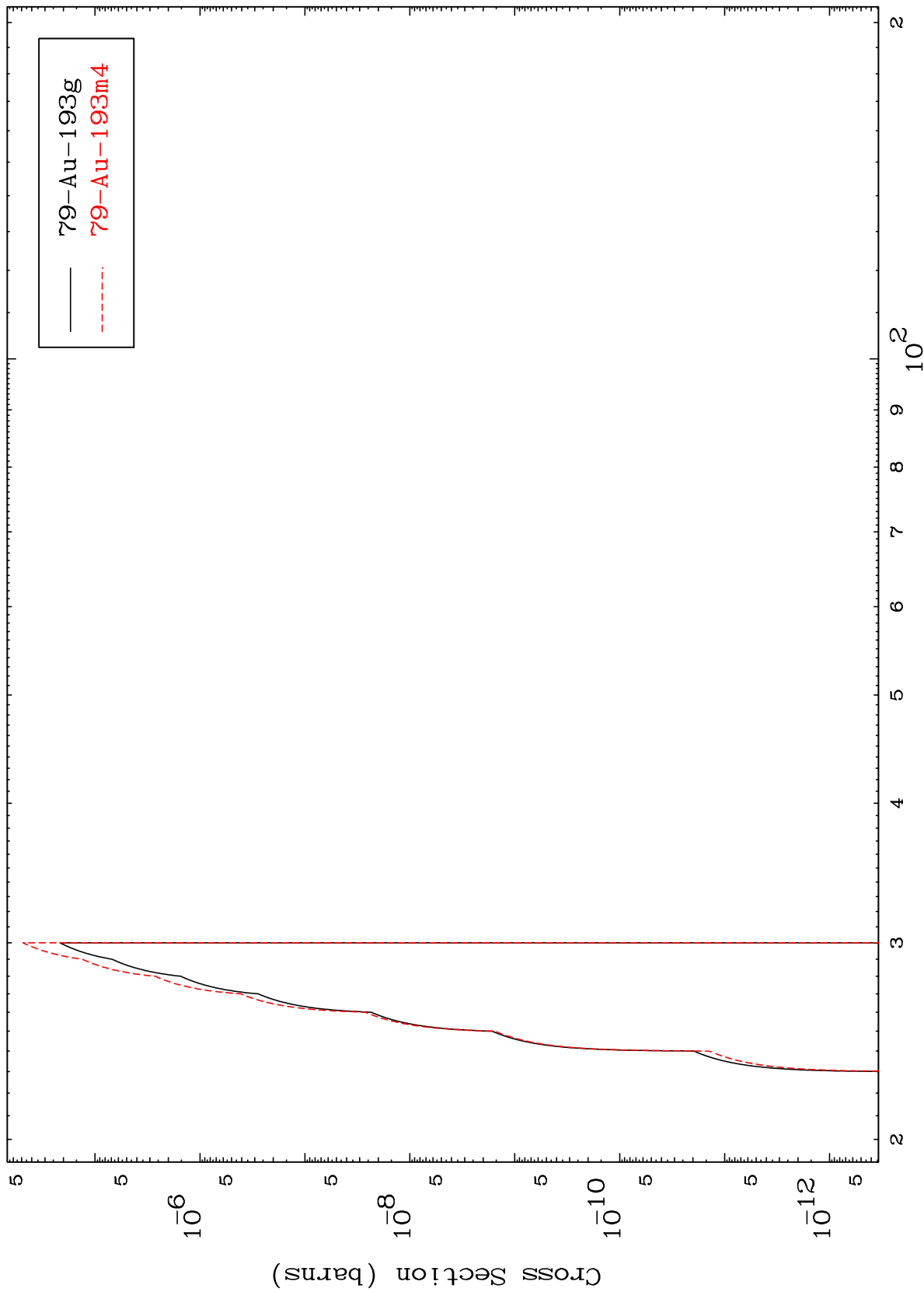


MAT 8025

(n,2n) d

80-Hg-196

Radionuclide Production Cross Section



130

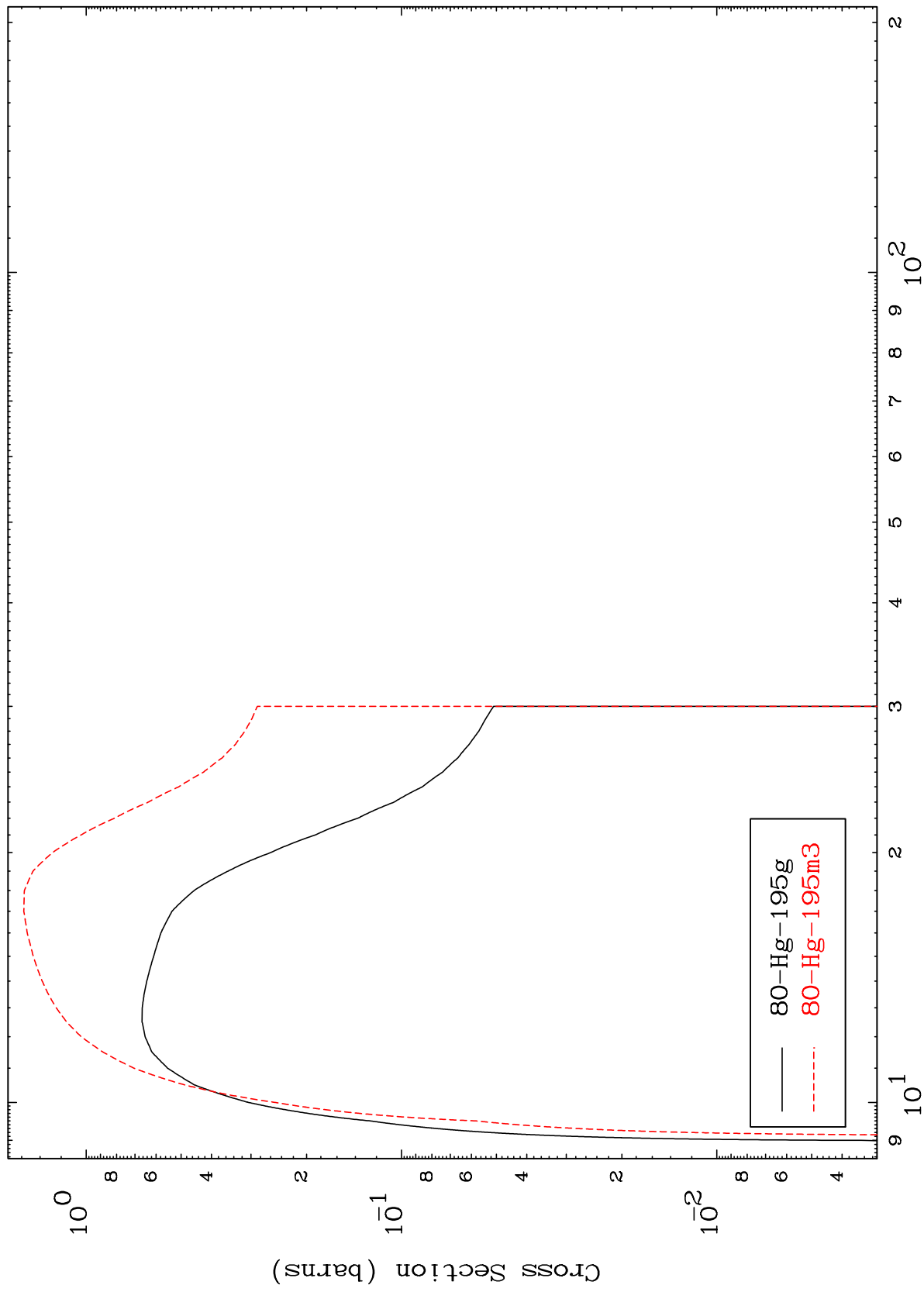
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,2n)  
Radionuclide Production Cross Section



80-Hg-196

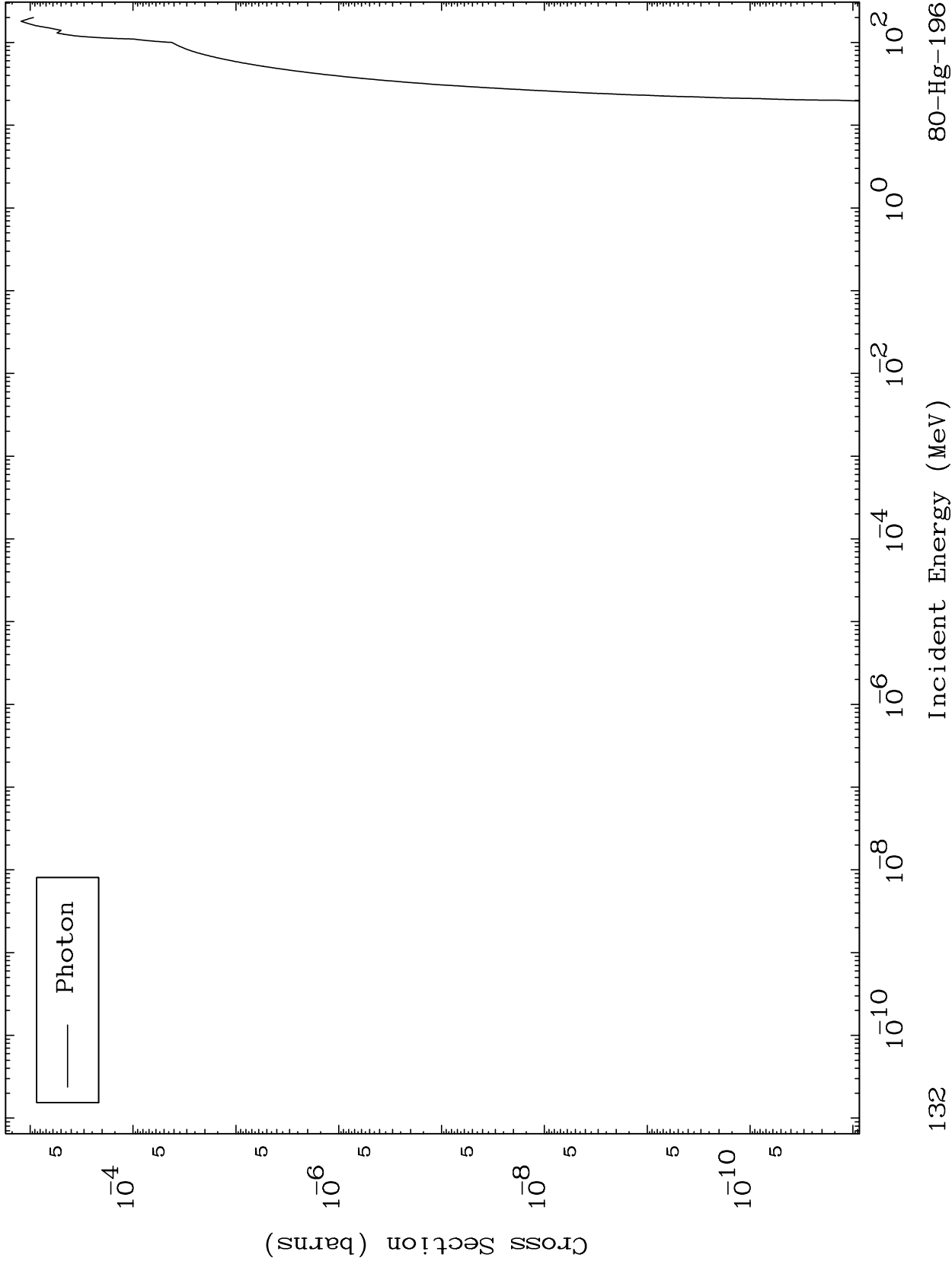
Incident Energy (MeV)

131

MAT 8025

Fission  
Radionuclide Production Cross Section

80-Hg-196

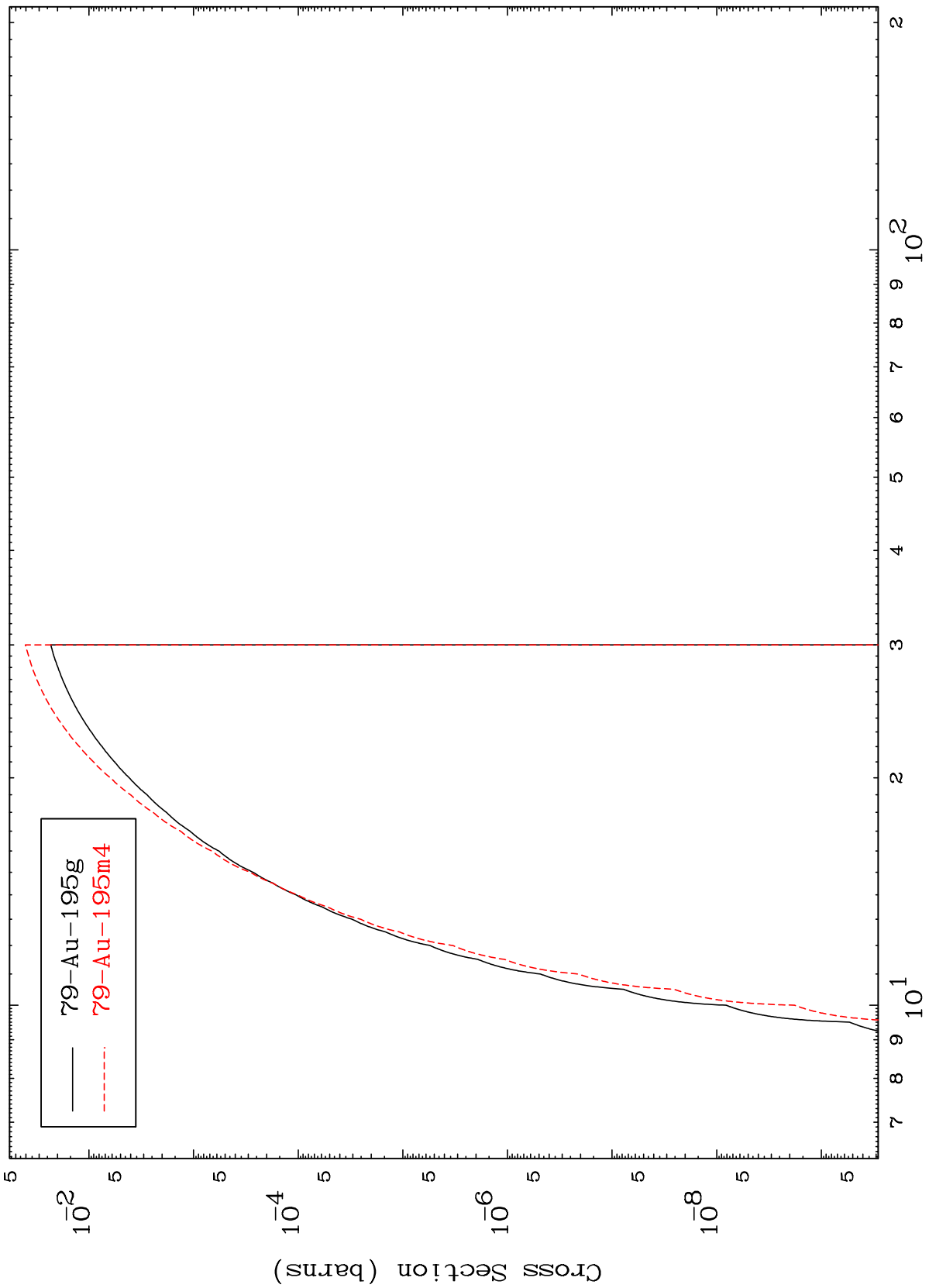


MAT 8025

(n,n') p

80-Hg-196

Radionuclide Production Cross Section



133

Incident Energy (MeV)

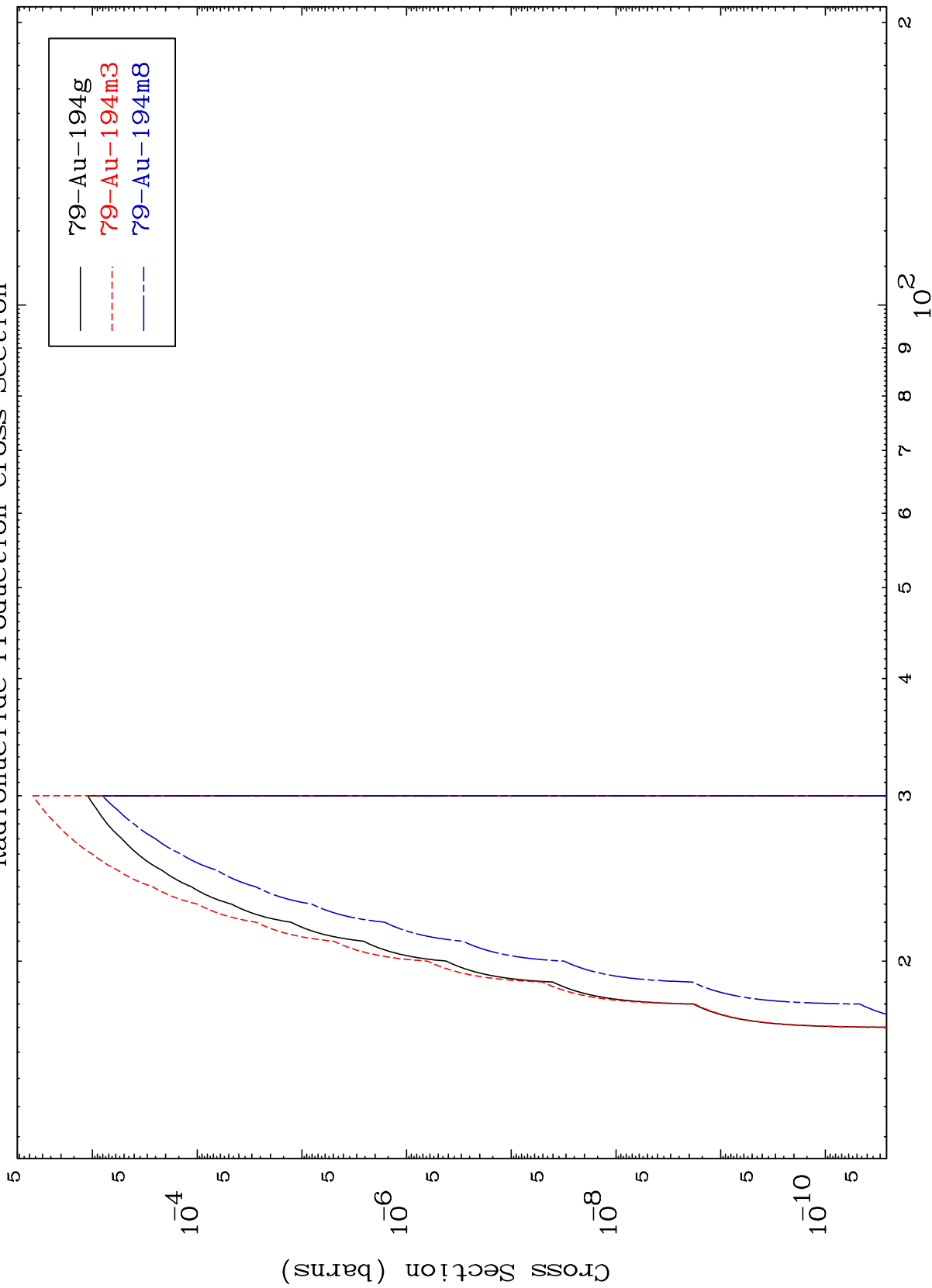
80-Hg-196

MAT 8025

(n,n') d

80-Hg-196

Radionuclide Production Cross Section



134

Incident Energy (MeV)

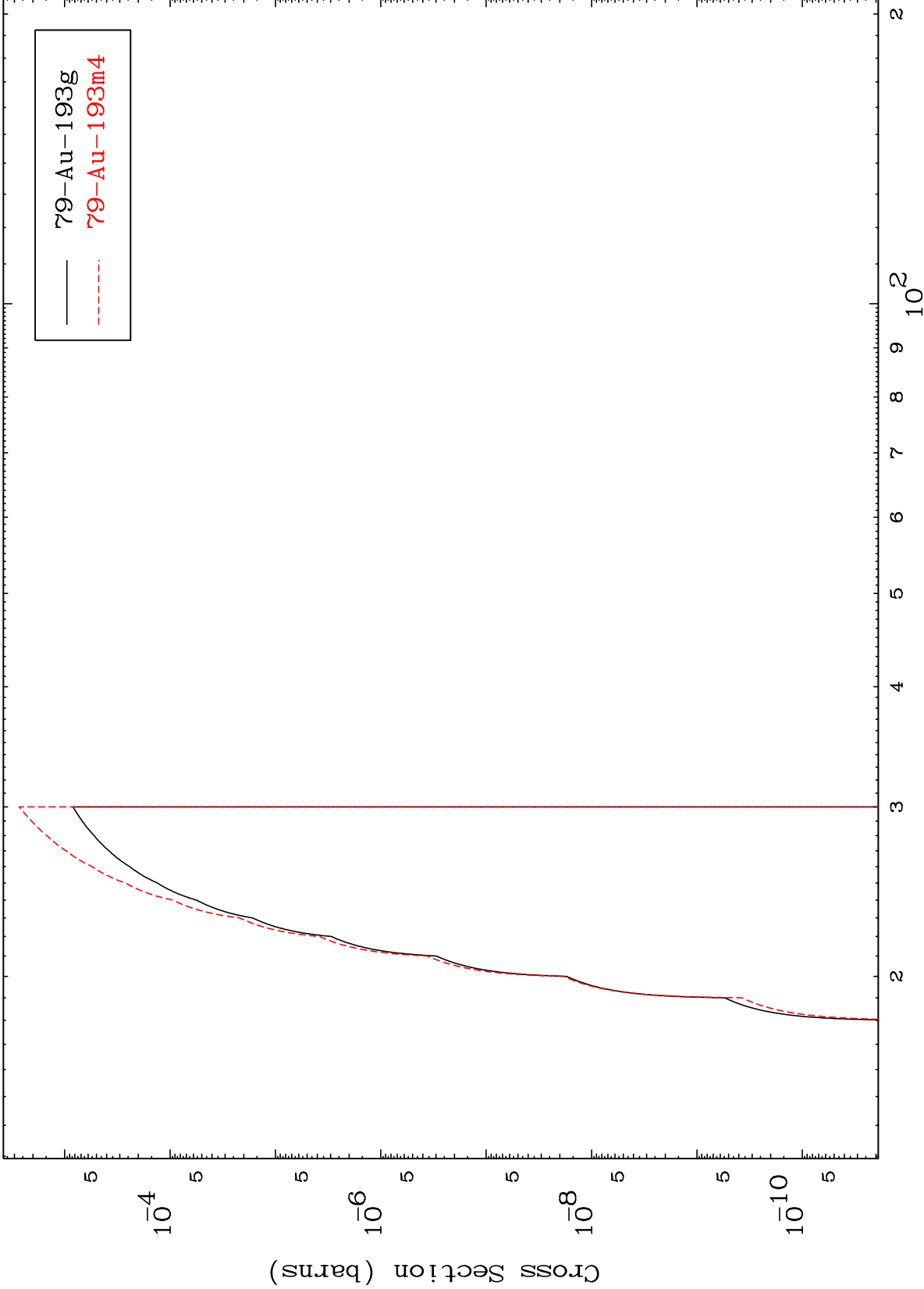
80-Hg-196

MAT 8025

(n,n') t

80-Hg-196

Radionuclide Production Cross Section



135

Incident Energy (MeV)

80-Hg-196

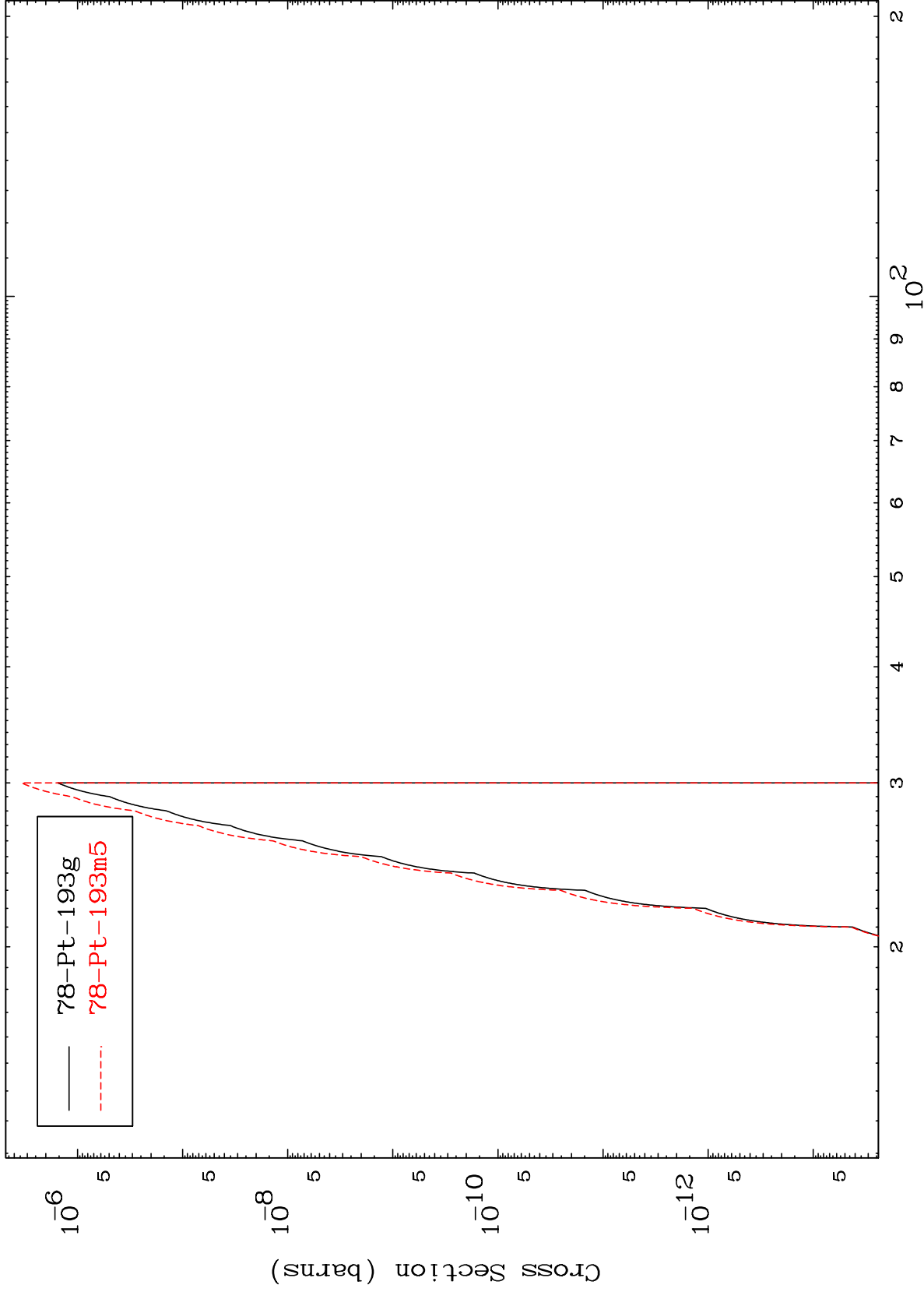


MAT 8025

(n,n') He-3

80-Hg-196

Radionuclide Production Cross Section



136

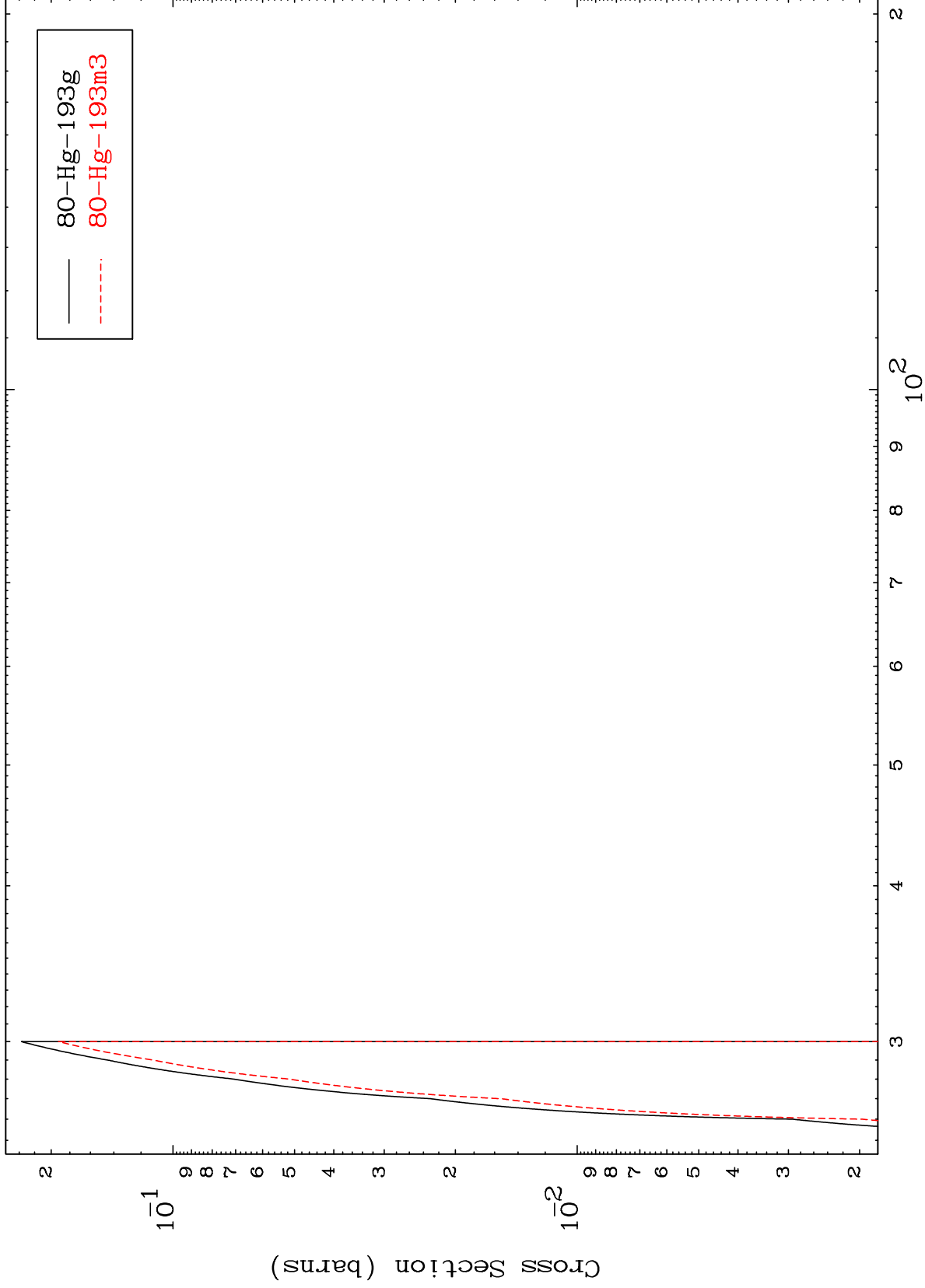
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

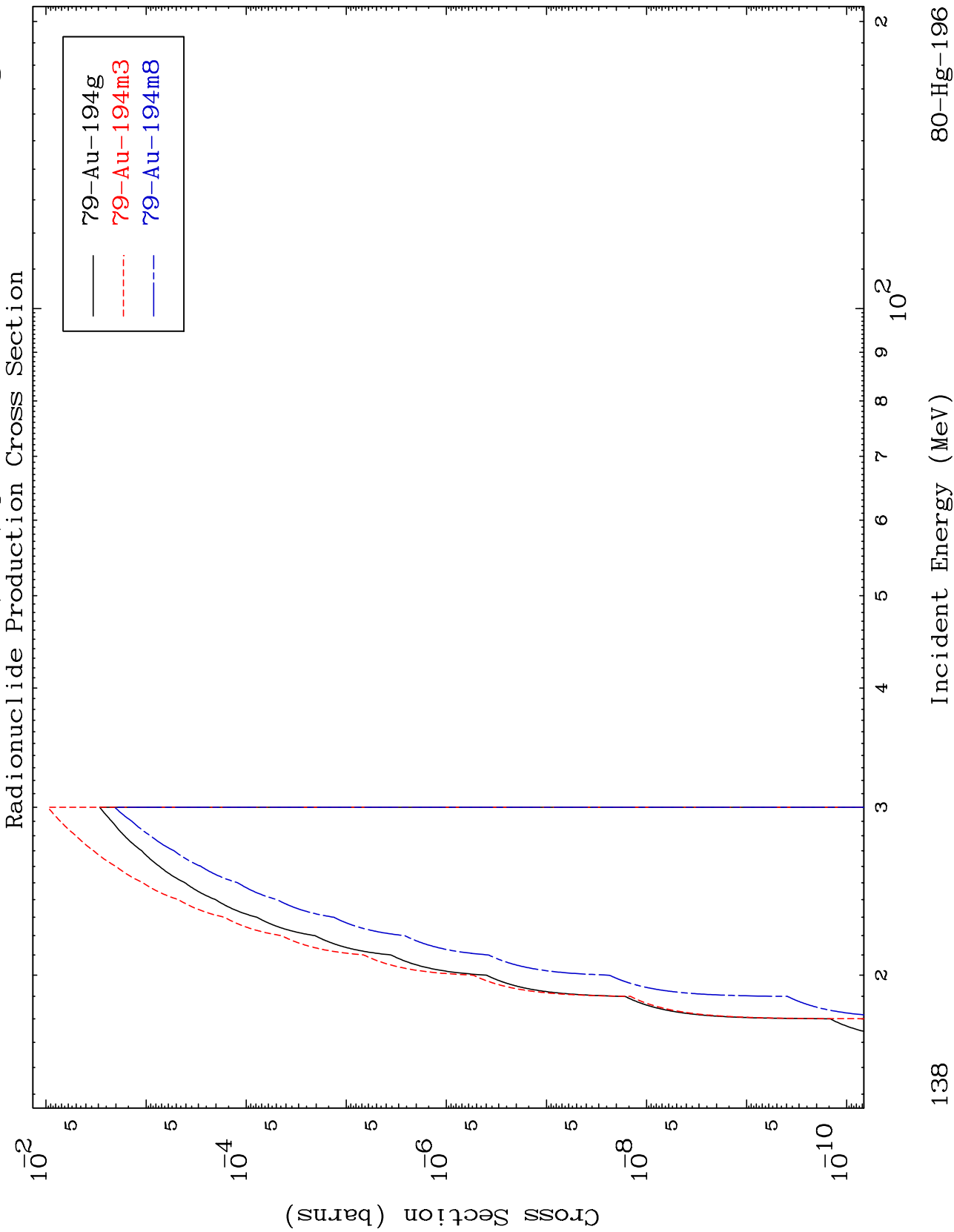
(n,4n)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

80-Hg-196

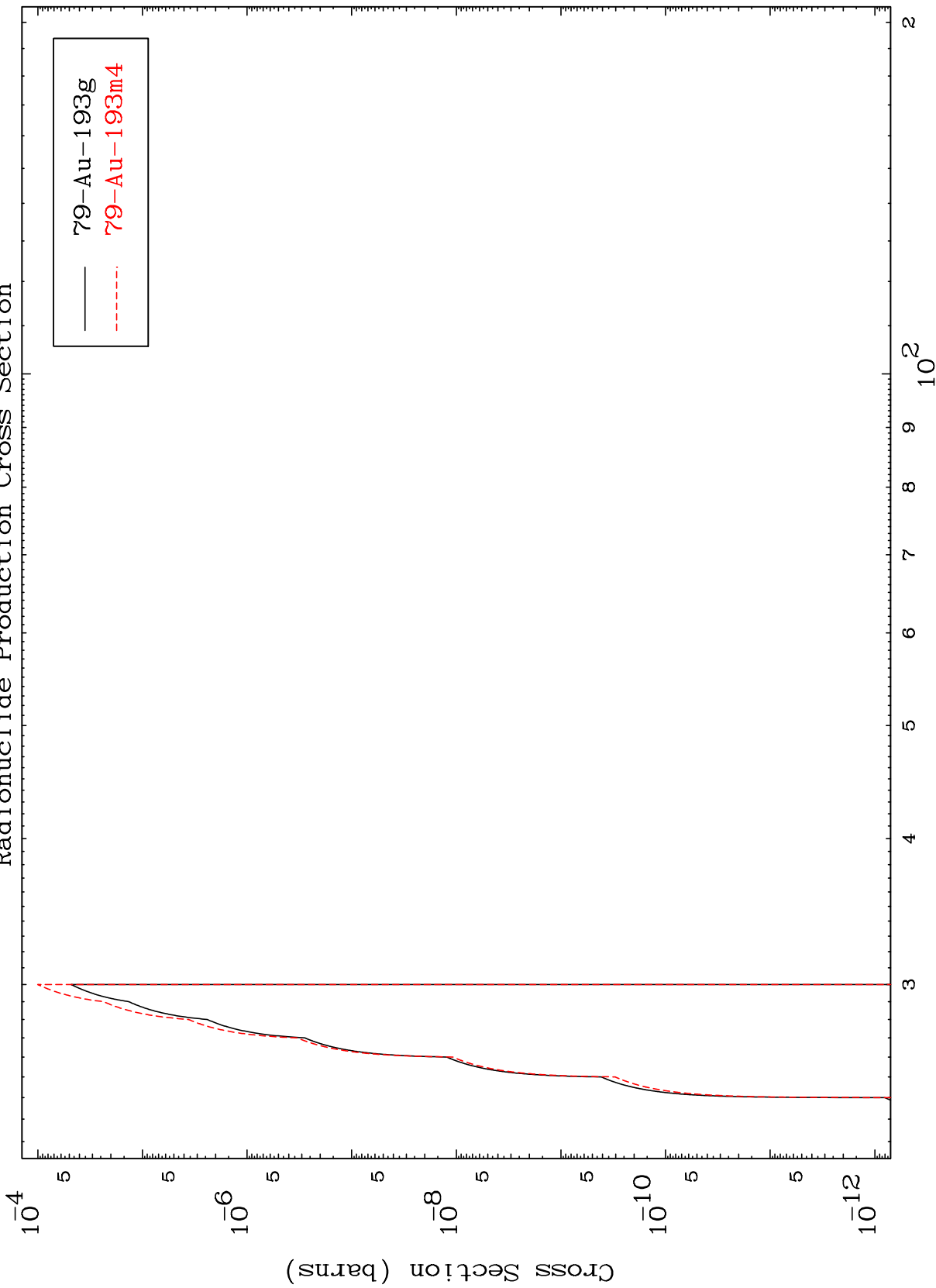


MAT 8025

(n,3n) p

80-Hg-196

Radionuclide Production Cross Section



139

Incident Energy (MeV)

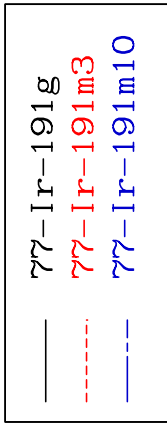
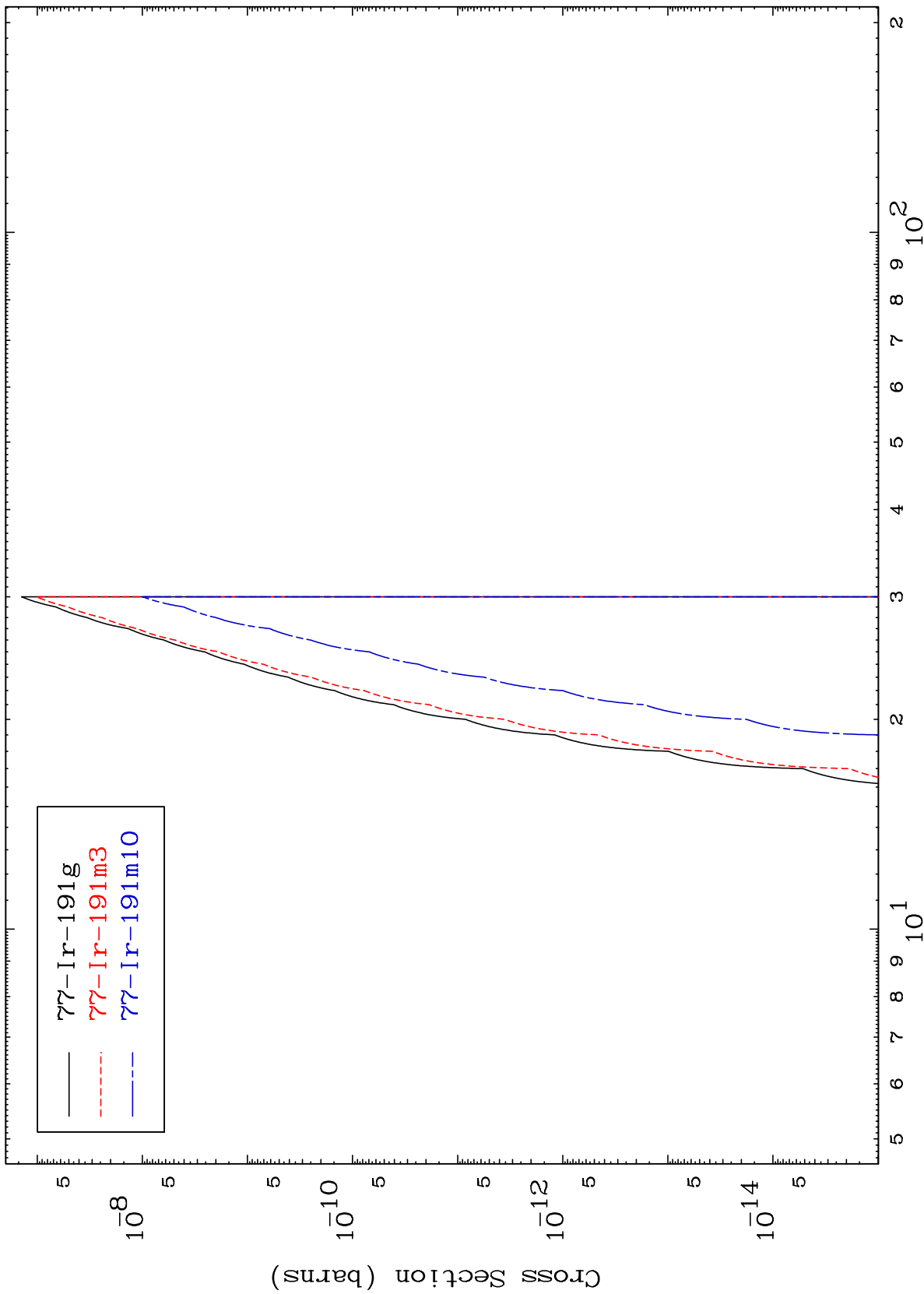
80-Hg-196

MAT 8025

(n,n') p α

80-Hg-196

Radionuclide Production Cross Section



140

Incident Energy (MeV)

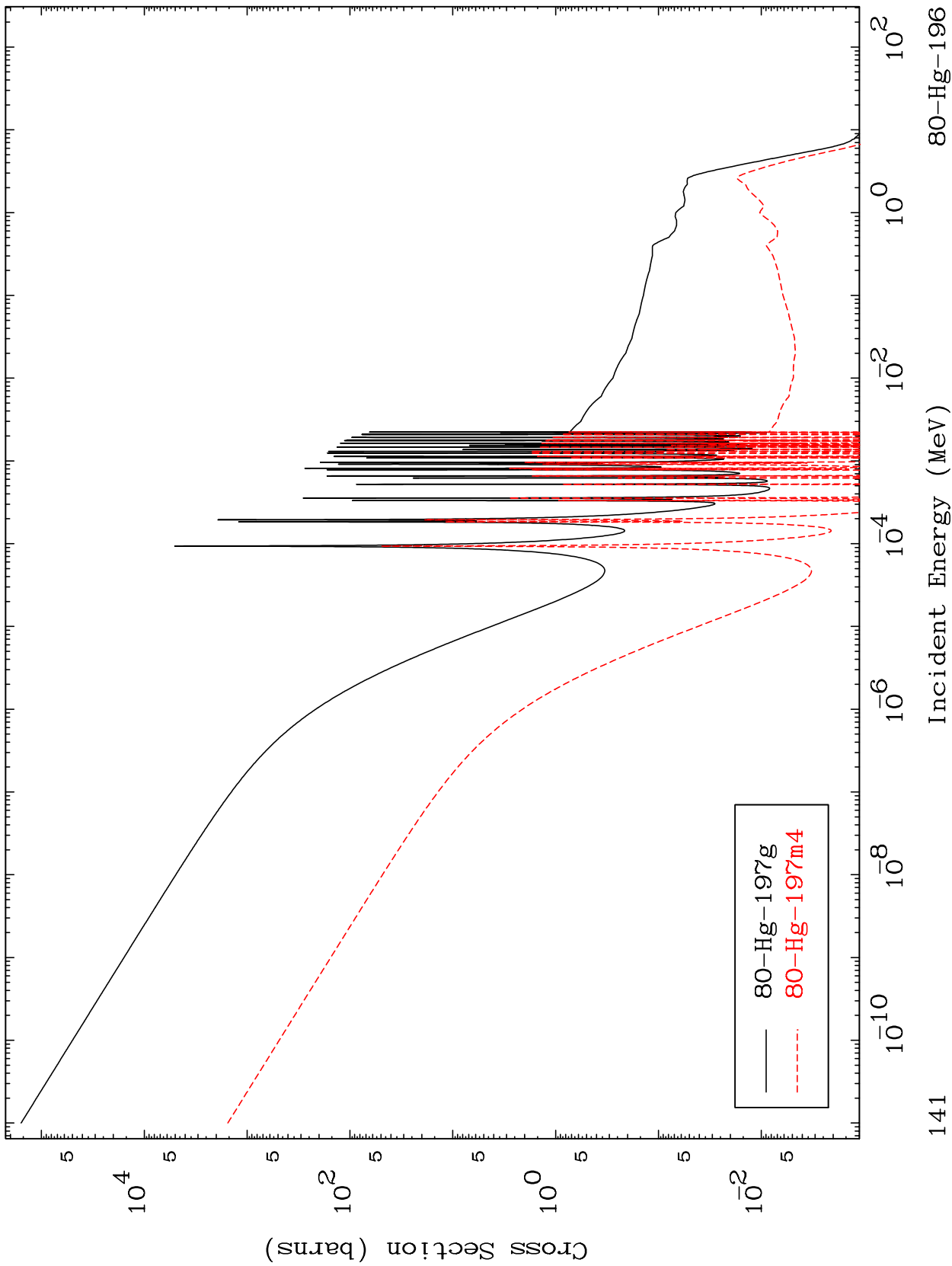
80-Hg-196

MAT 8025

80-Hg-196

Radionuclide Production Cross Section

(n,γ)



80-Hg-196

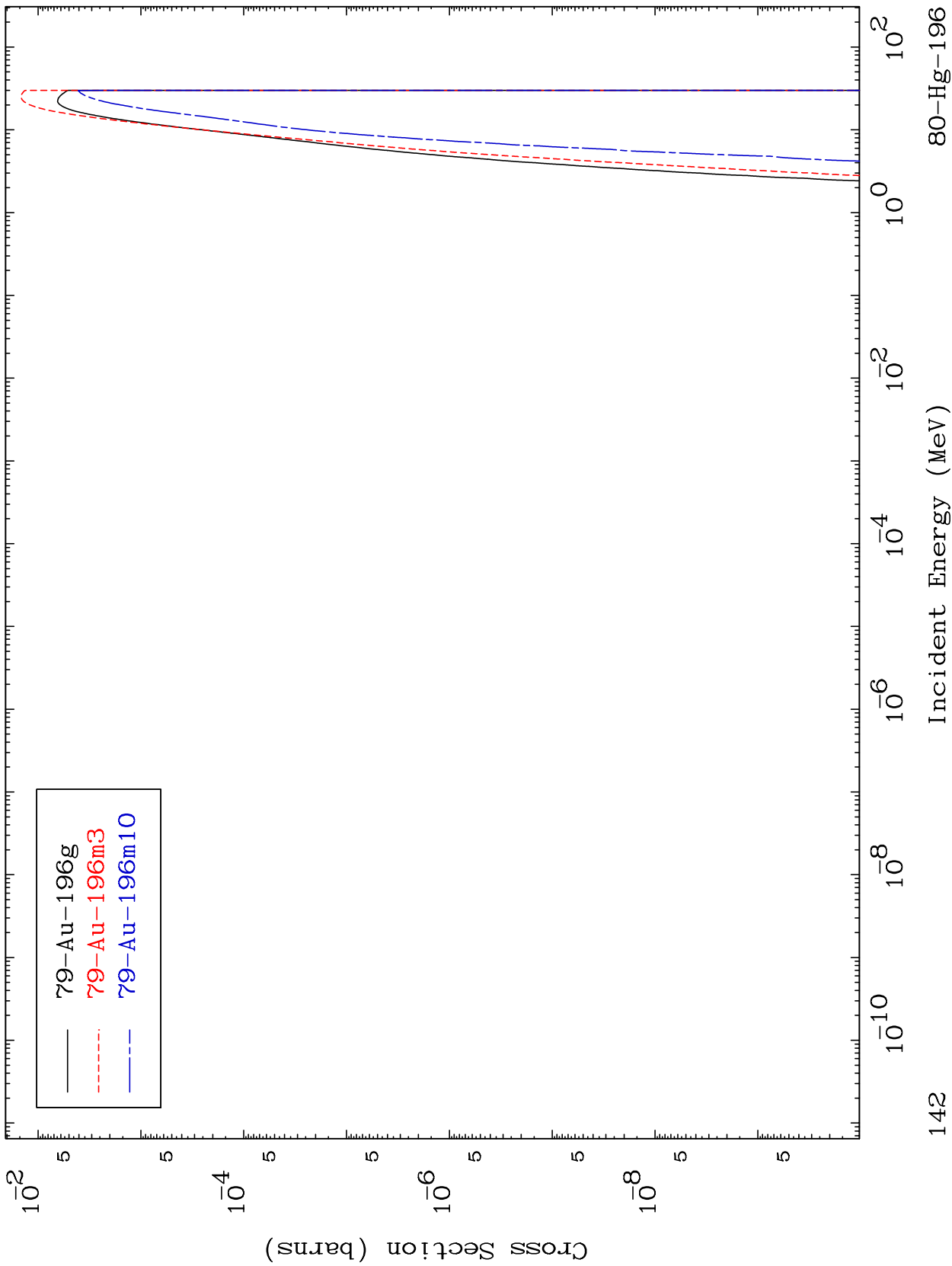
Incident Energy (MeV)

141

MAT 8025

(n,p)  
Radionuclide Production Cross Section

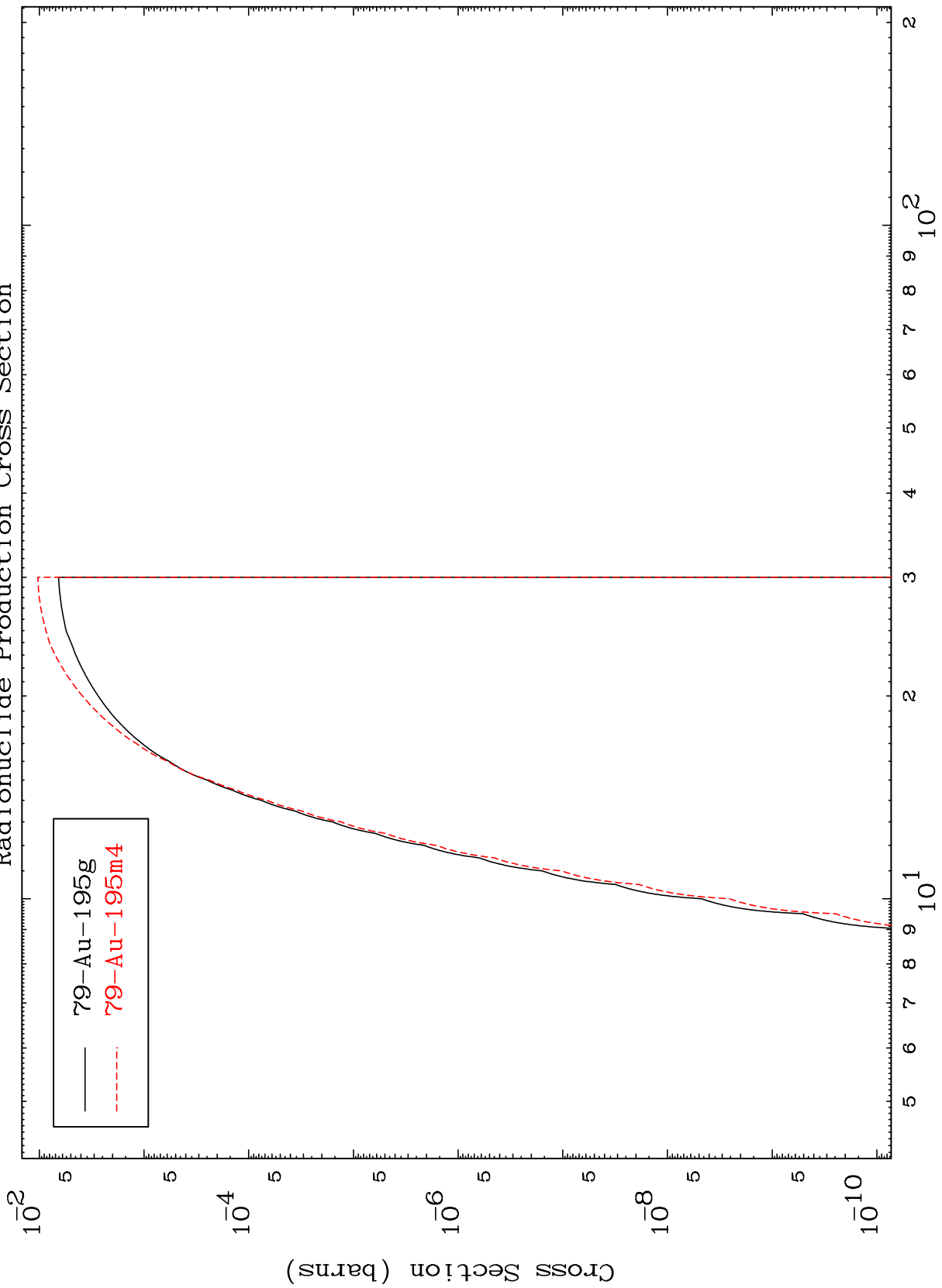
80-Hg-196



MAT 8025

80-Hg-196

Radionuclide Production Cross Section (n,d)



143

Incident Energy (MeV)

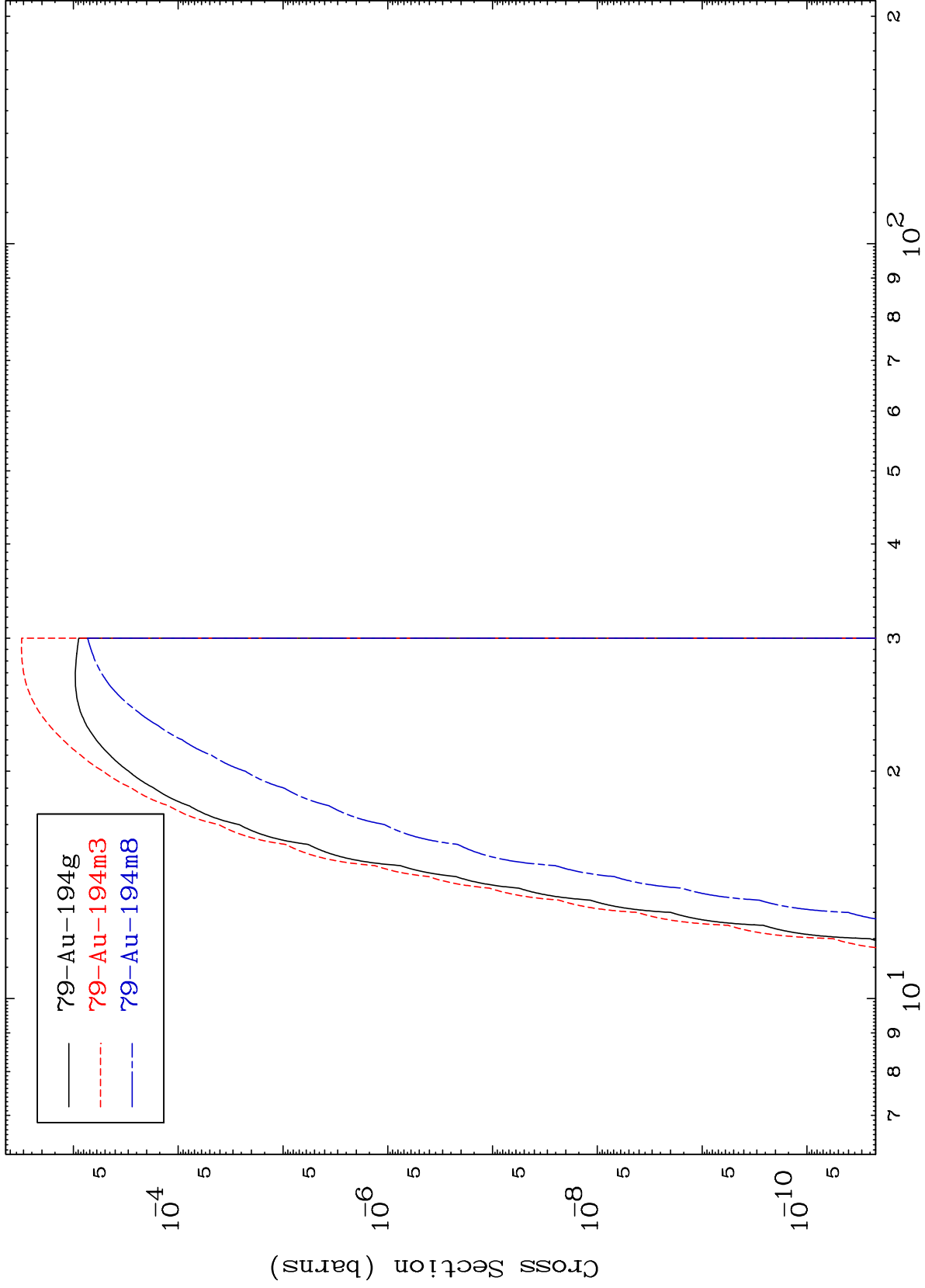
80-Hg-196



MAT 8025

80-Hg-196

(n, t)  
Radionuclide Production Cross Section



144

Incident Energy (MeV)

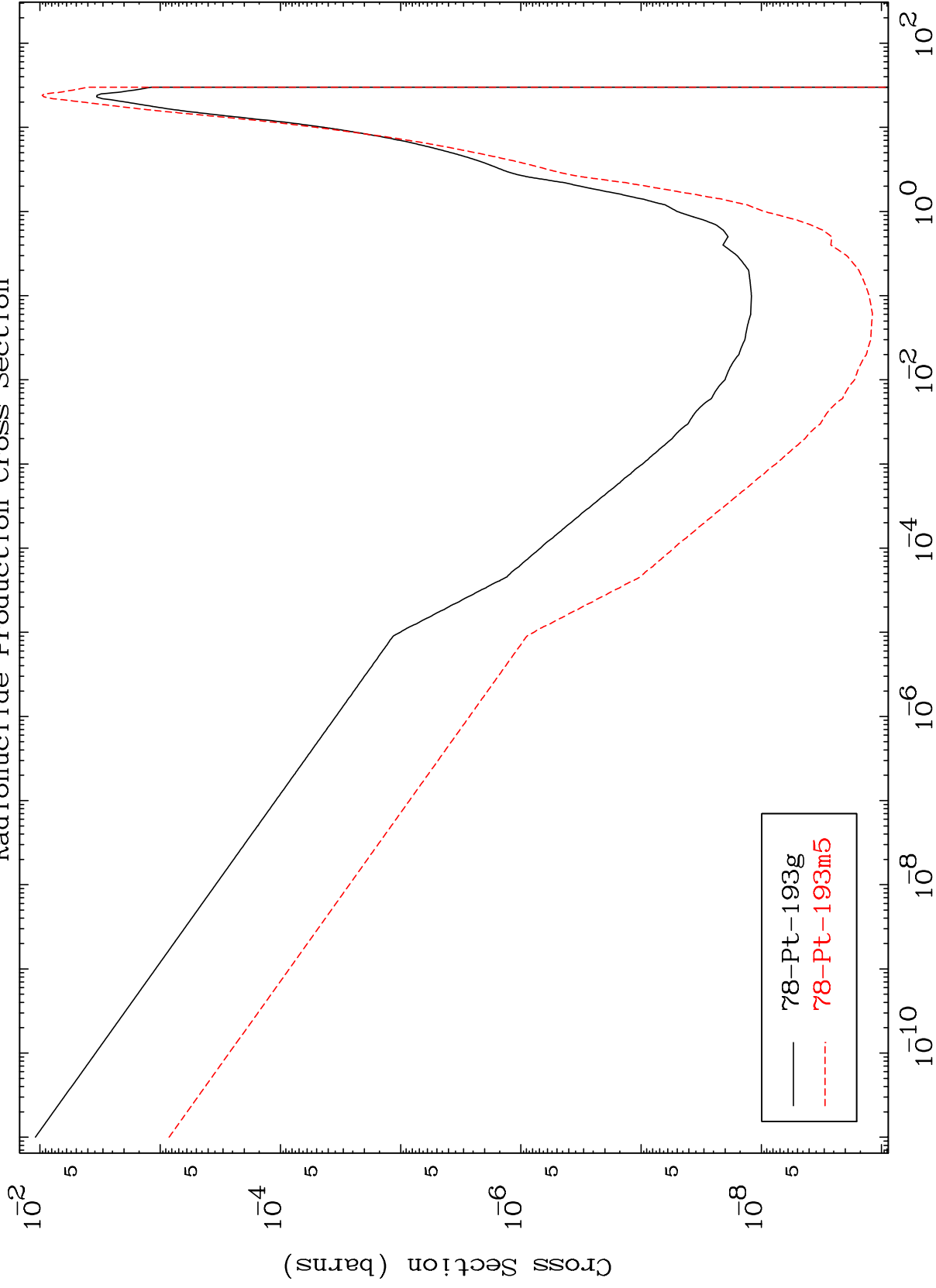
80-Hg-196

MAT 8025

(n,  $\alpha$ )

80-Hg-196

Radionuclide Production Cross Section



145

Incident Energy (MeV)

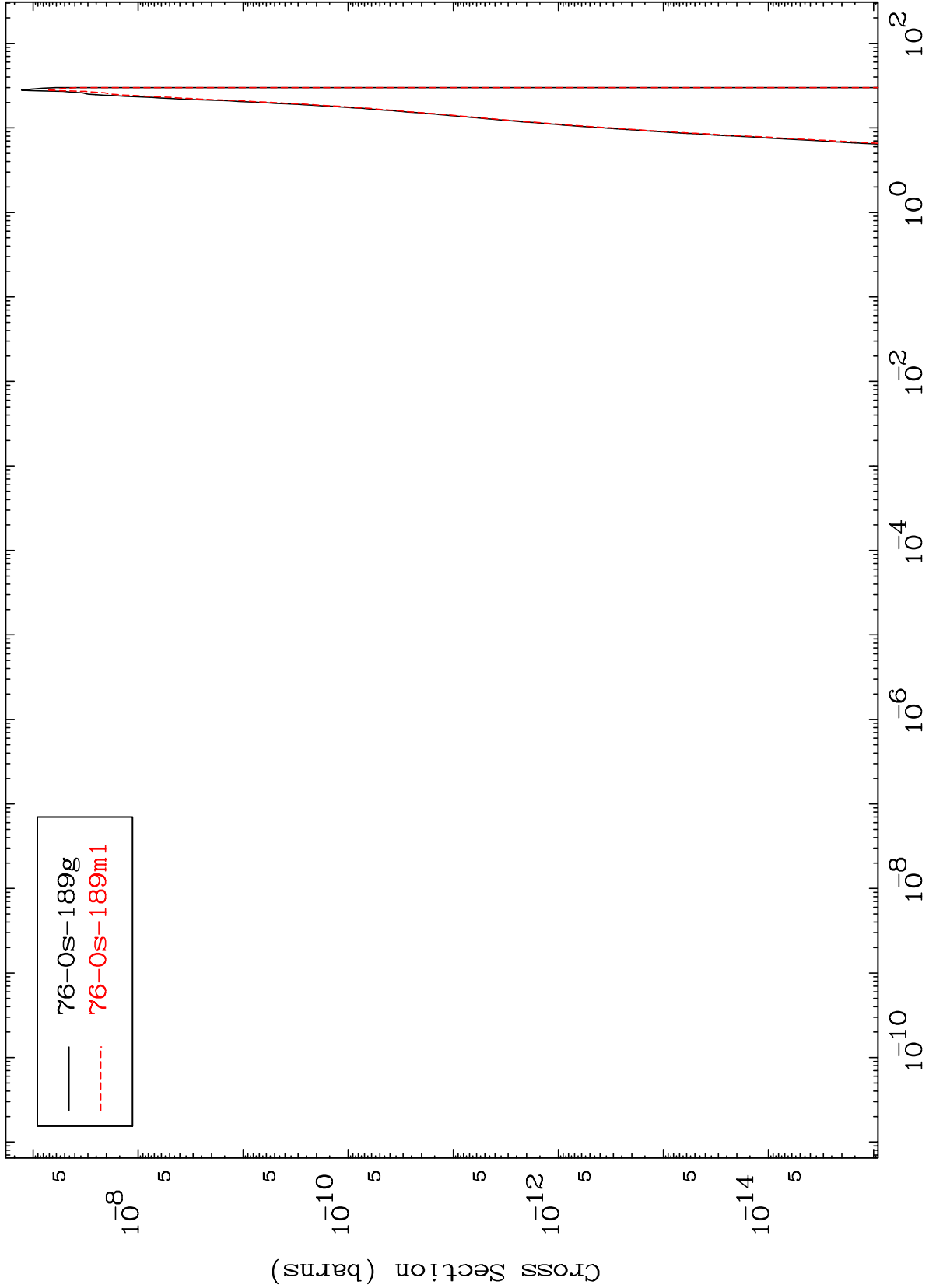
80-Hg-196

MAT 8025

(n,2α)

80-Hg-196

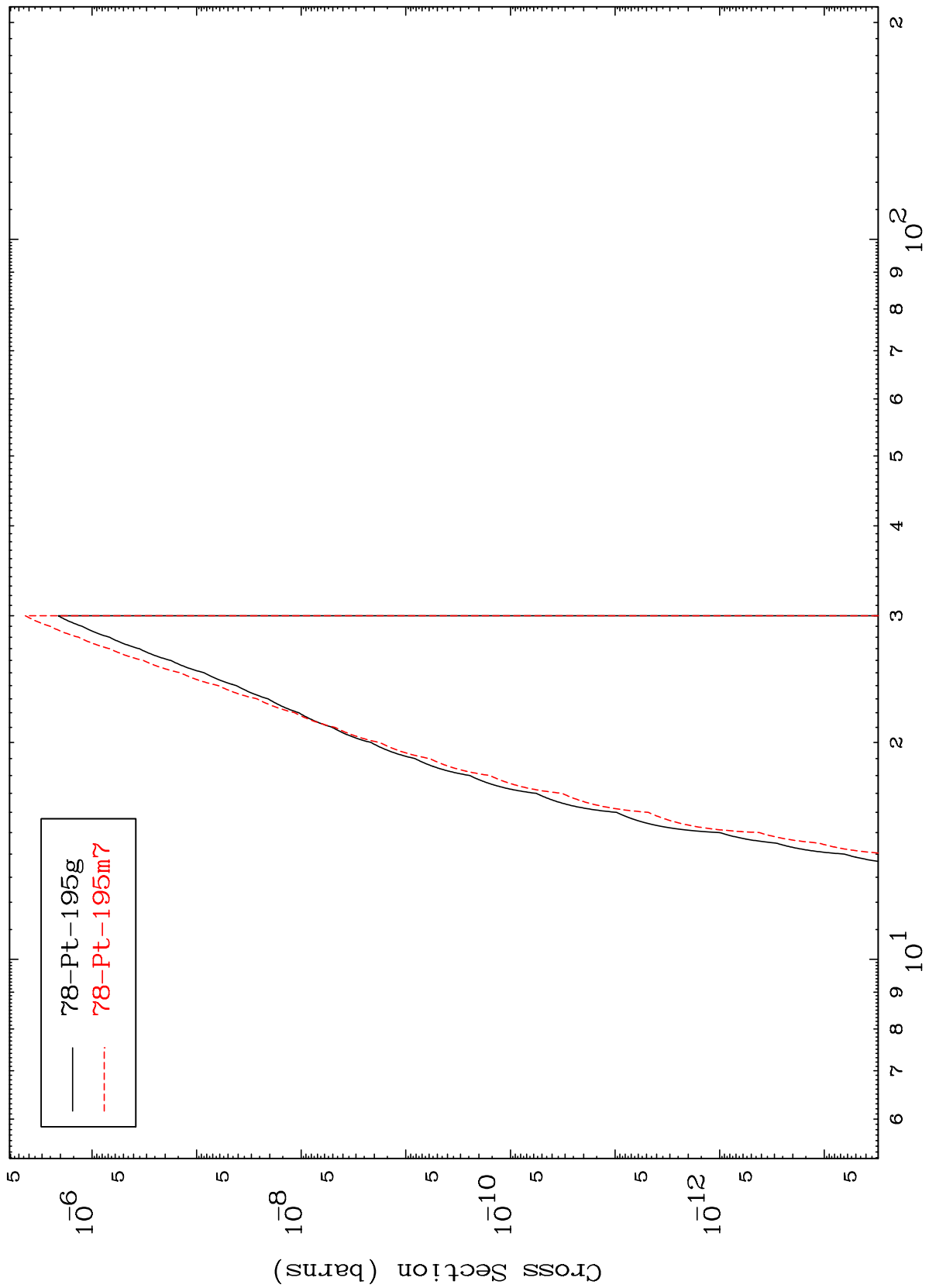
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

(n,2p)  
Radionuclide Production Cross Section



147

Incident Energy (MeV)

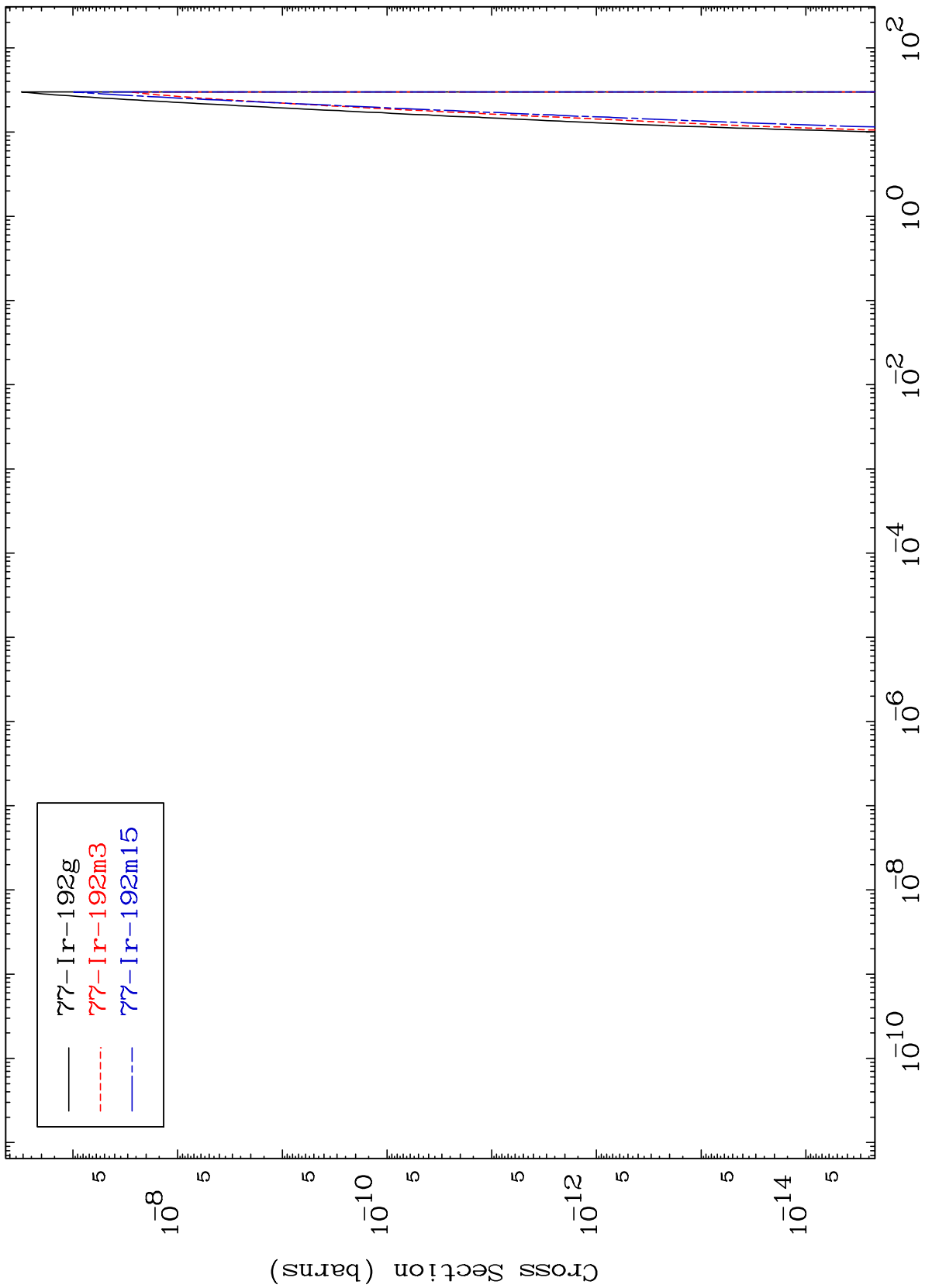
80-Hg-196

MAT 8025

(n,p)  $\alpha$

80-Hg-196

Radionuclide Production Cross Section

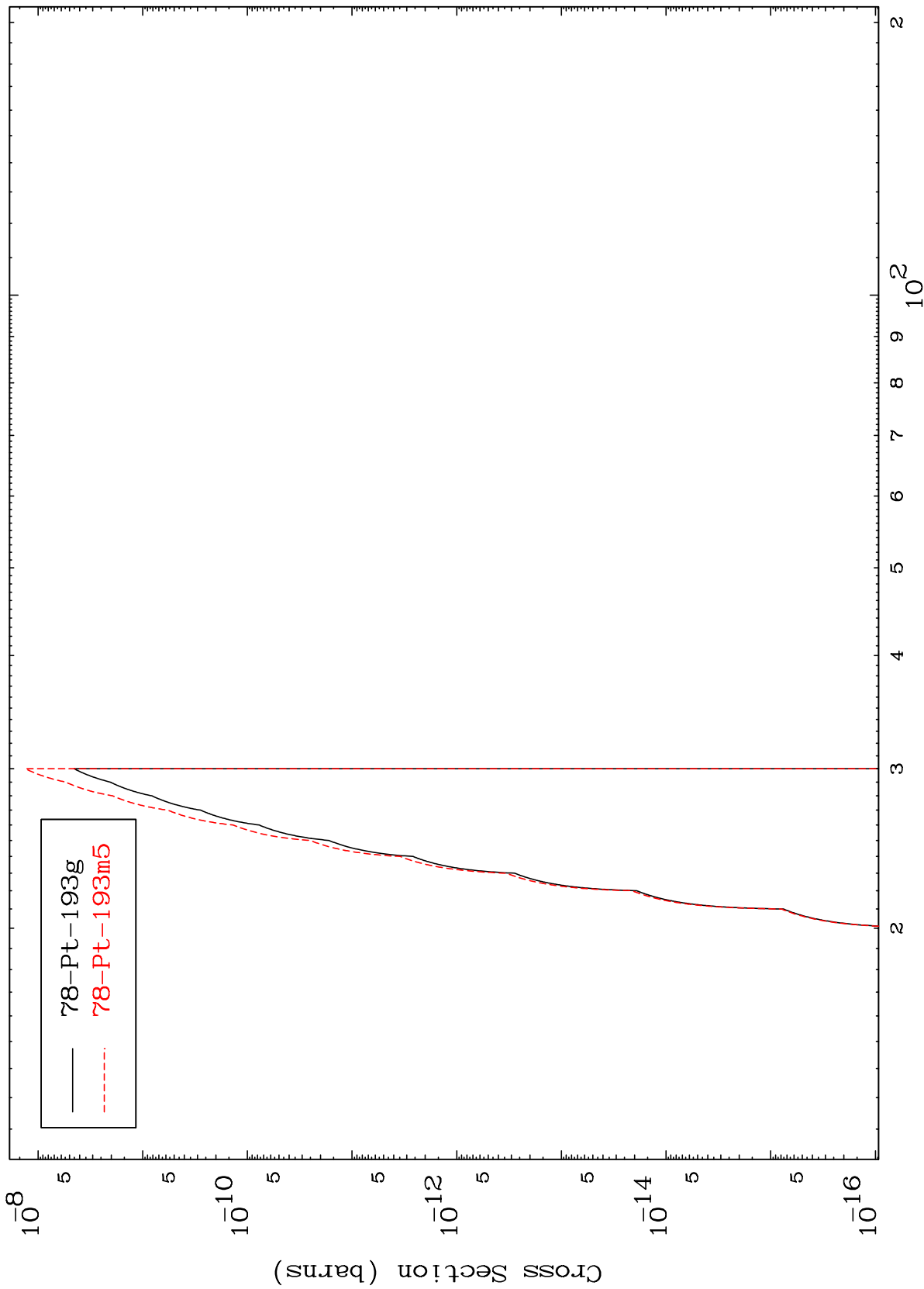


MAT 8025

(n,p) t

80-Hg-196

Radionuclide Production Cross Section



149

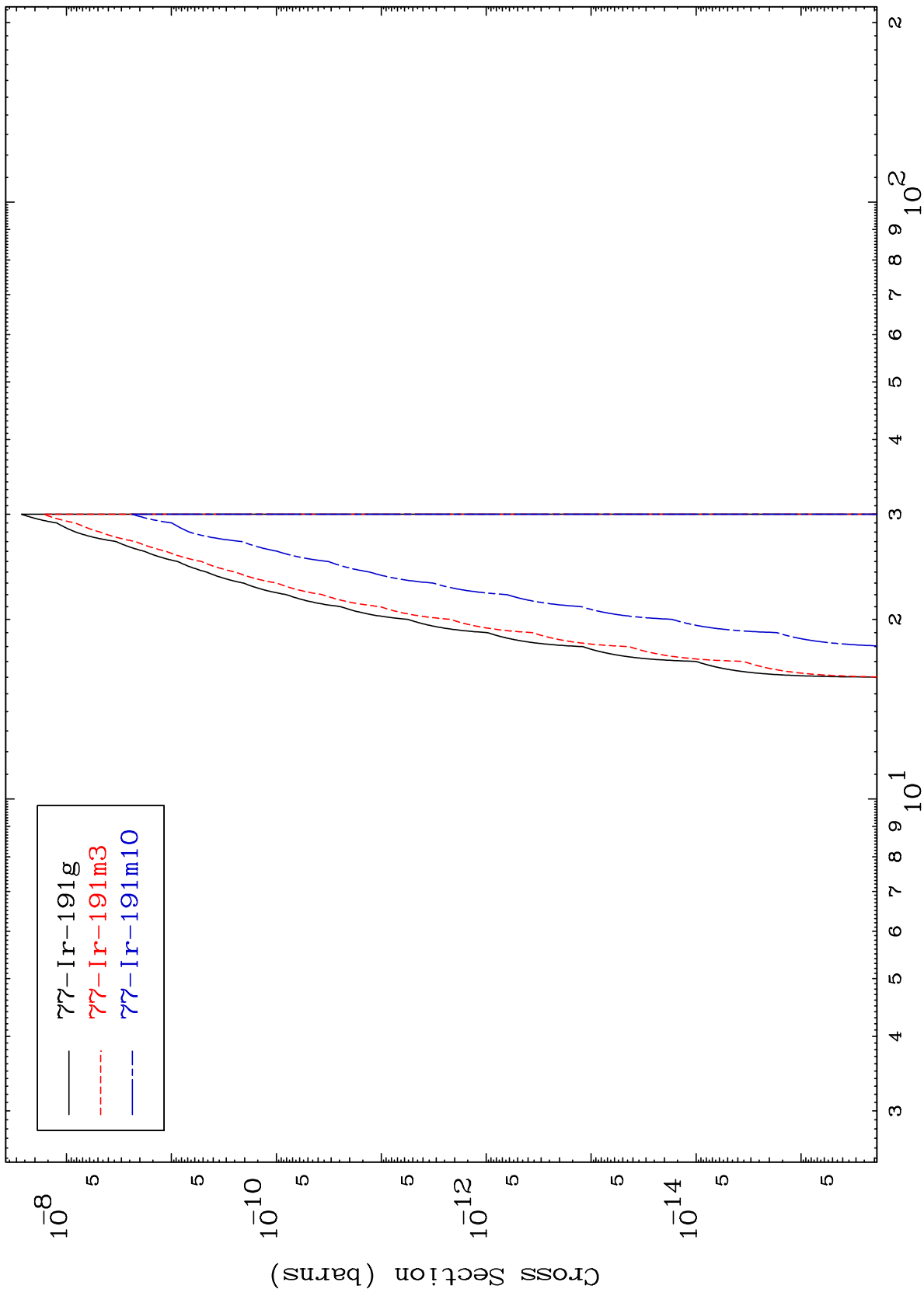
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,d)  $\alpha$   
Radionuclide Production Cross Section



150

Incident Energy (MeV)

80-Hg-196