

Program EVALPLOT  
(Version 2015-2)

by

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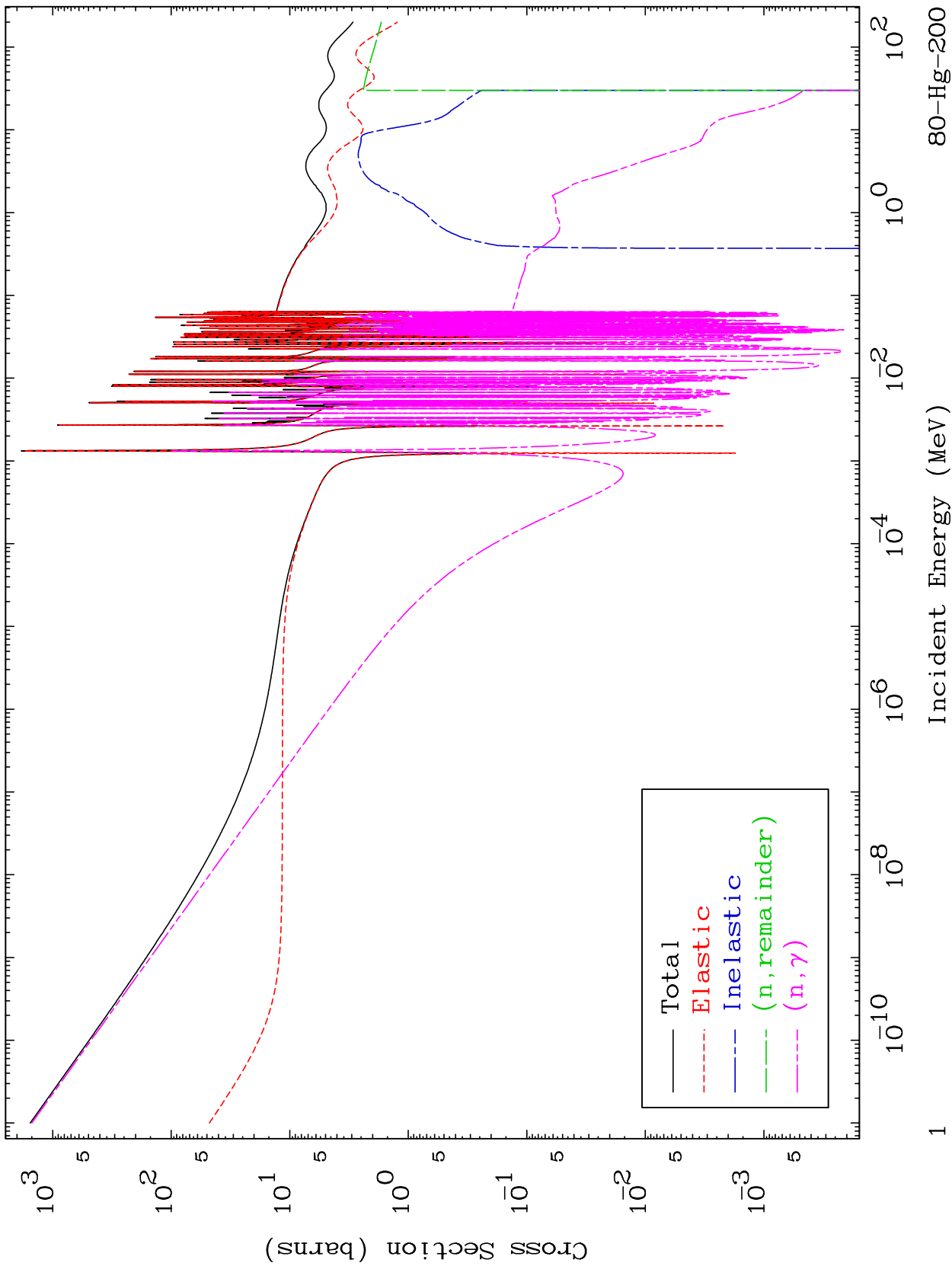
Press Mouse Button to Start

MAT 8037

Major

293 Kelvin Cross Sections

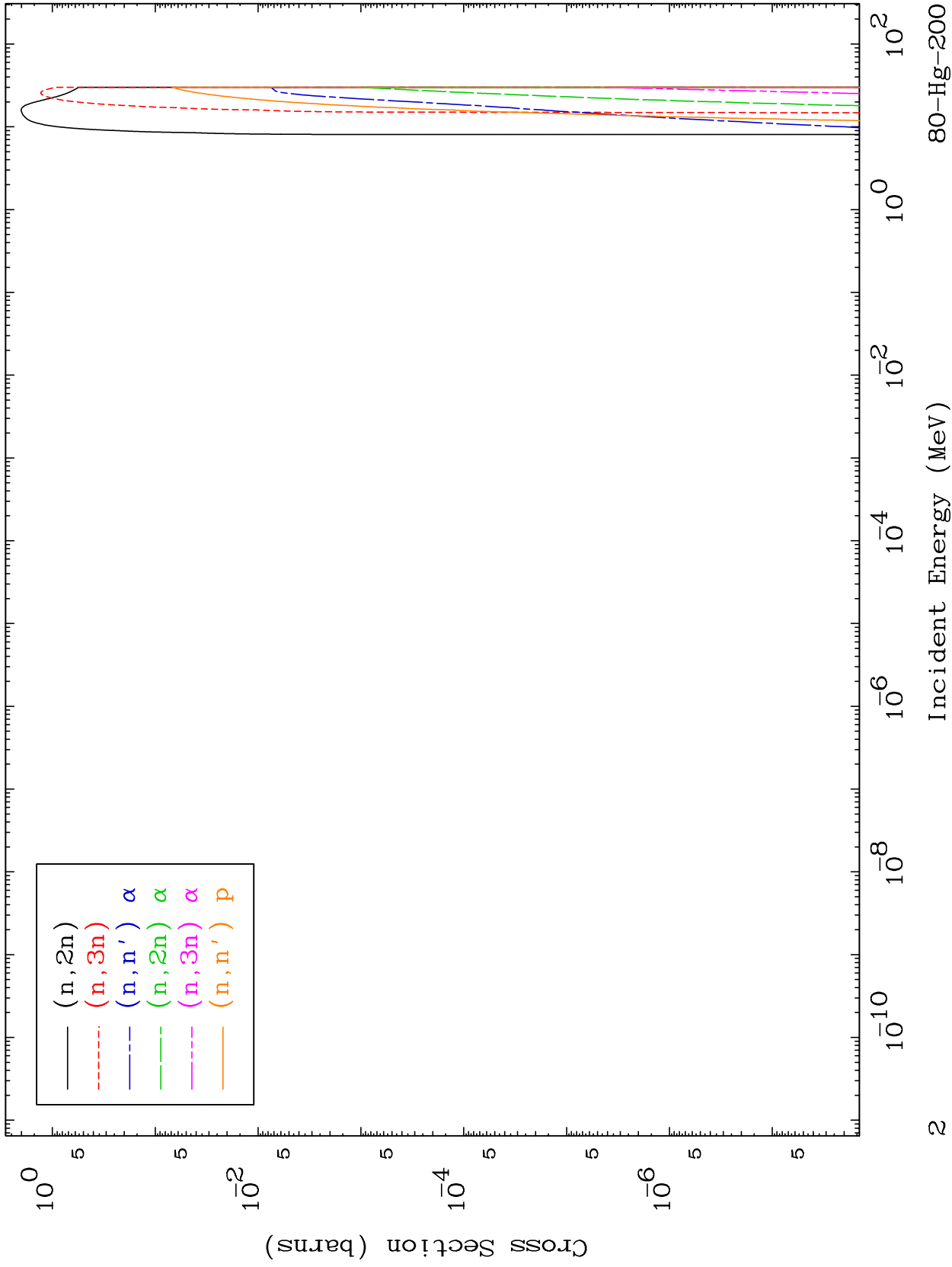
80-Hg-200

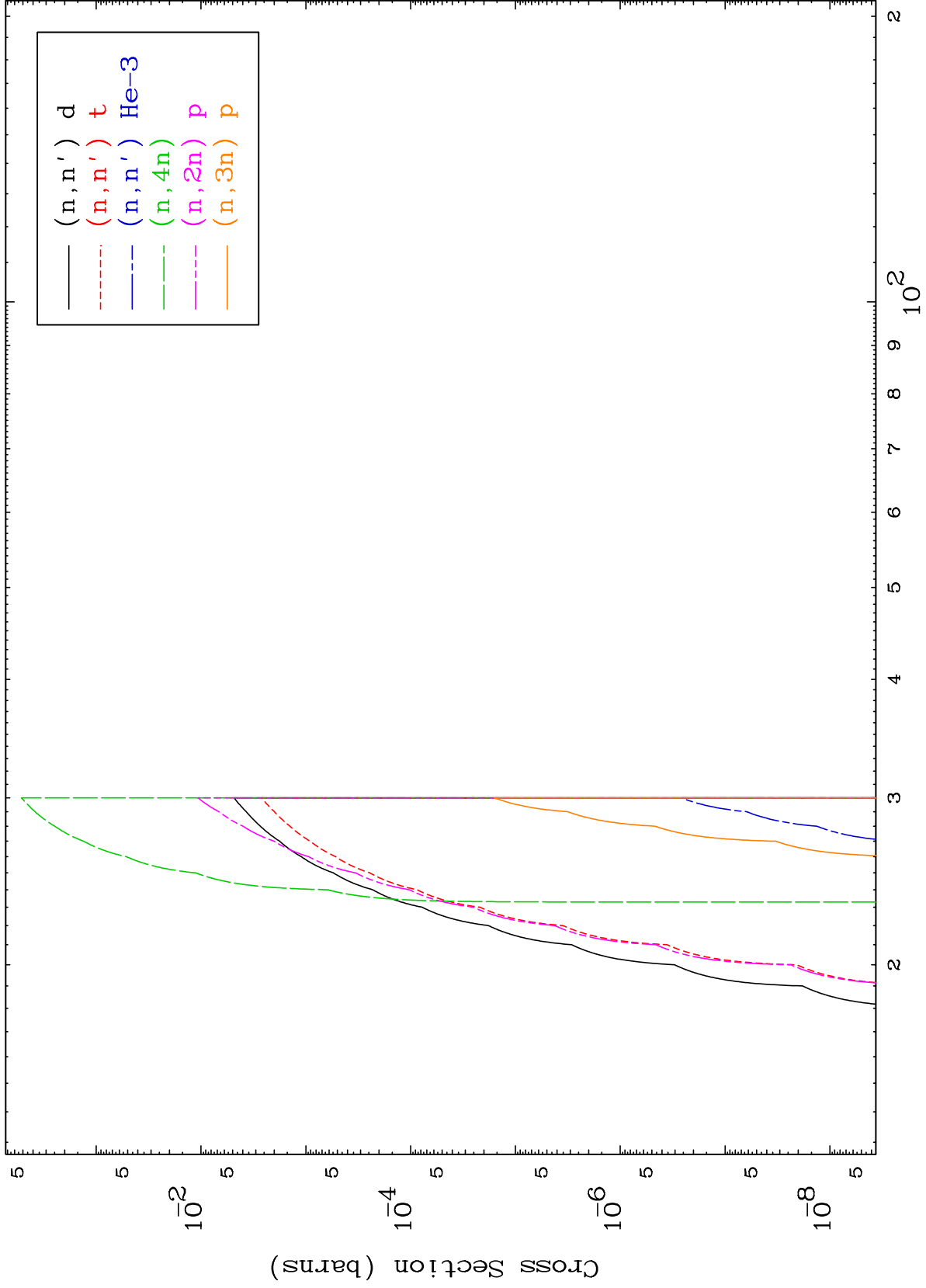


MAT 8037

Neutron Production  
293 Kelvin Cross Sections

80-Hg-200

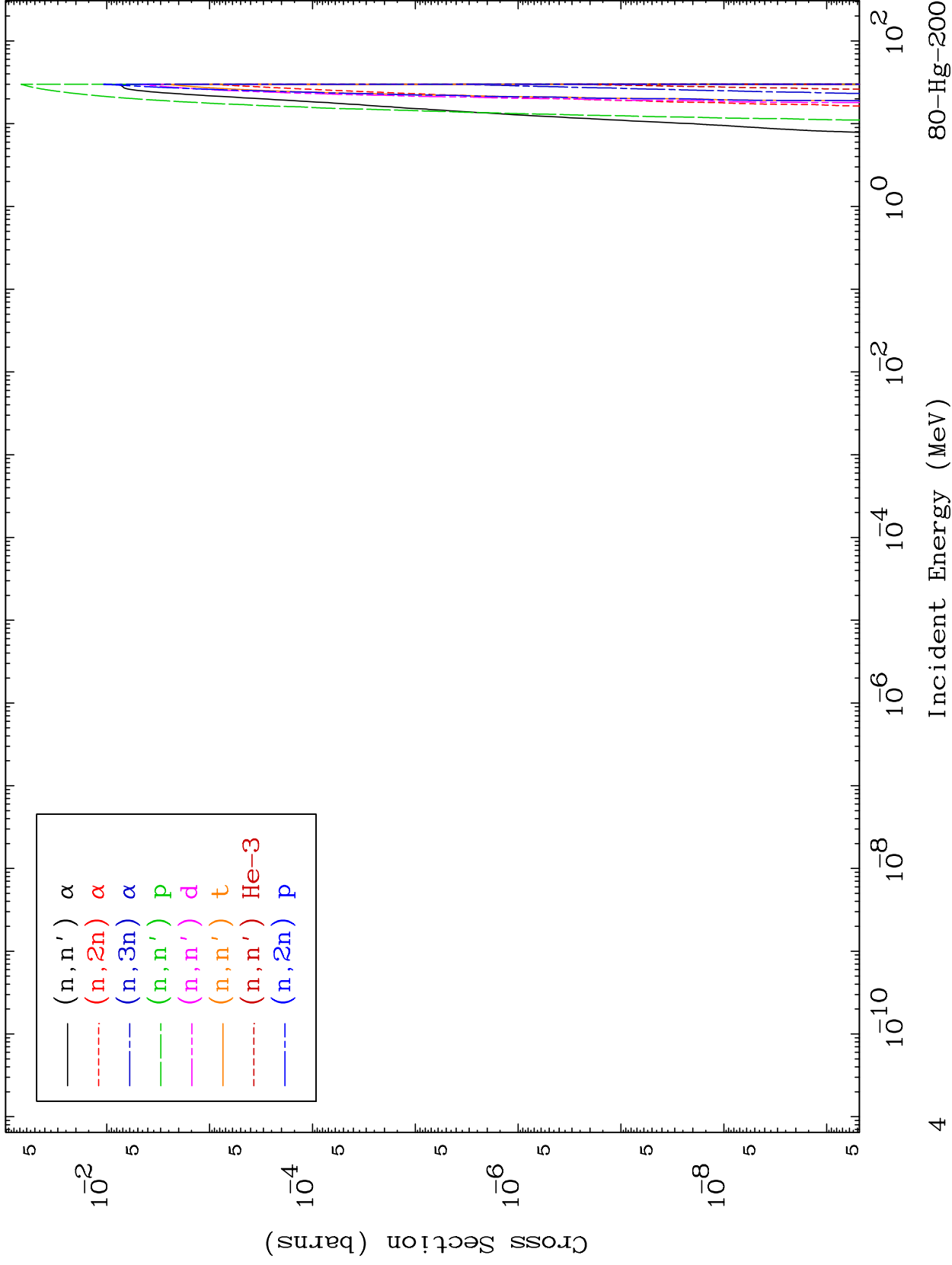




MAT 8037

Charged Particle  
293 Kelvin Cross Sections

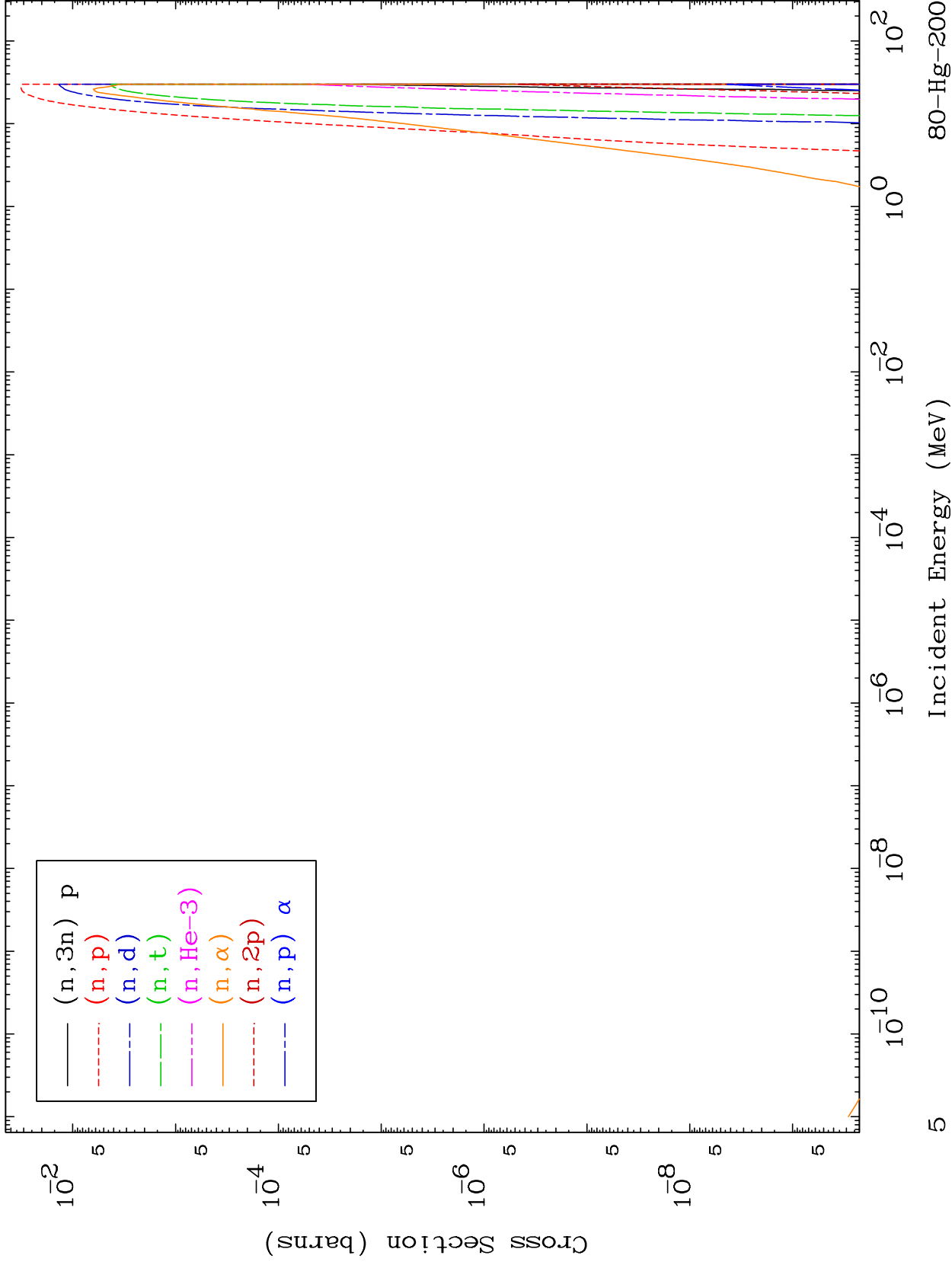
80-Hg-200



MAT 8037

Charged Particle  
293 Kelvin Cross Sections

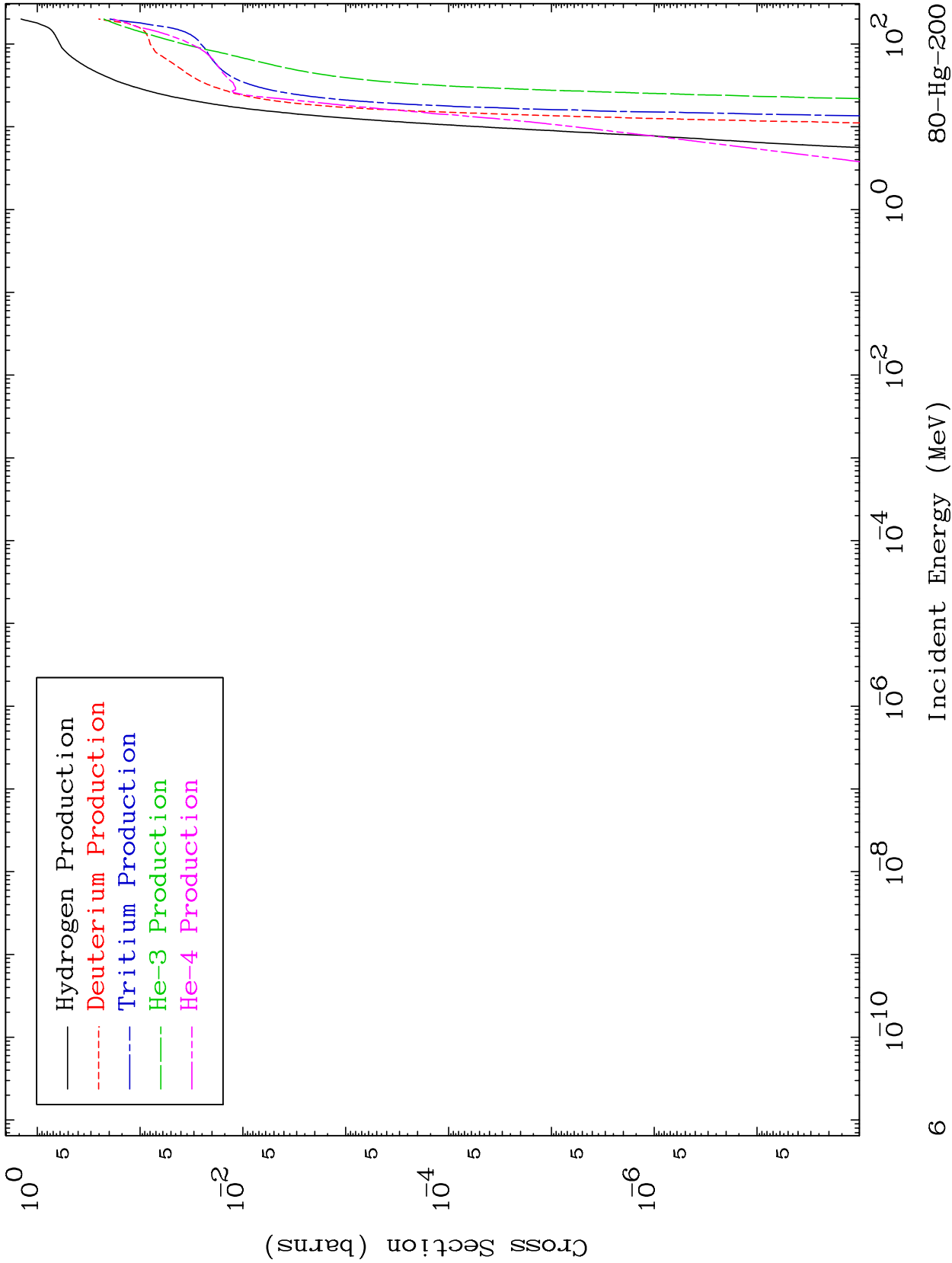
80-Hg-200



MAT 8037

Particle Production  
293 Kelvin Cross Sections

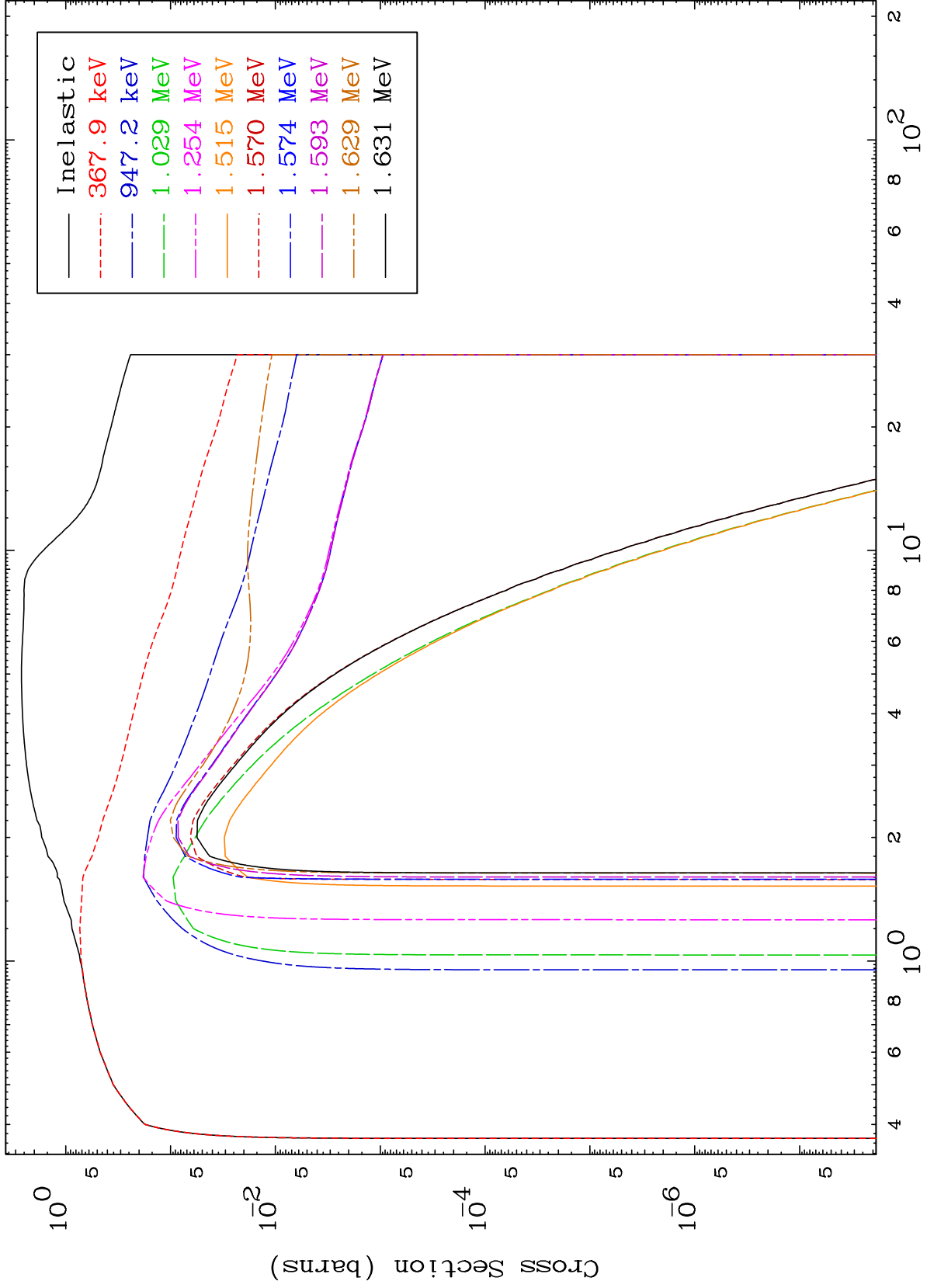
80-Hg-200



MAT 8037

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-200



7

Incident Energy (MeV)

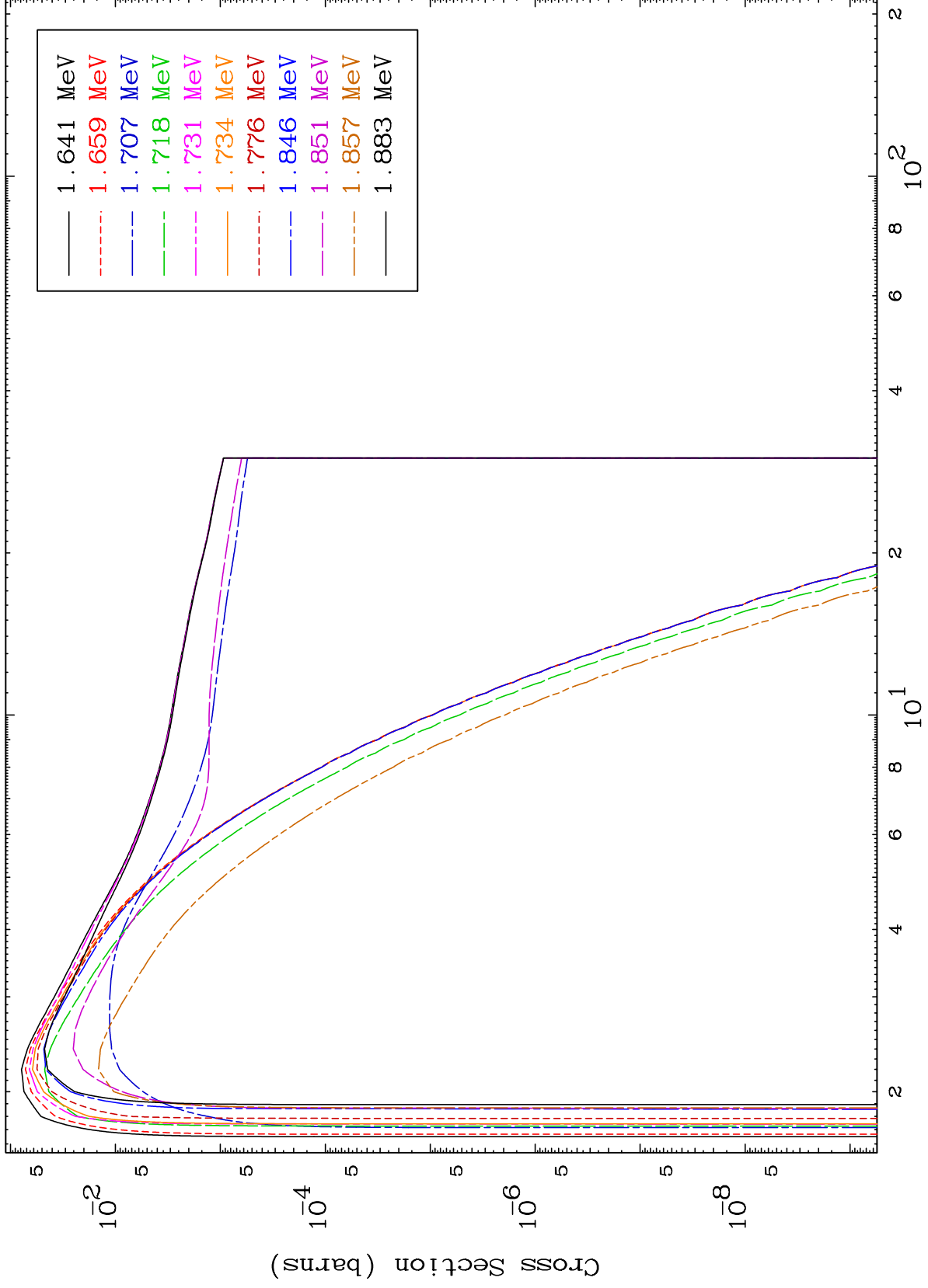
80-Hg-200



MAT 8037

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-200



8

Incident Energy (MeV)

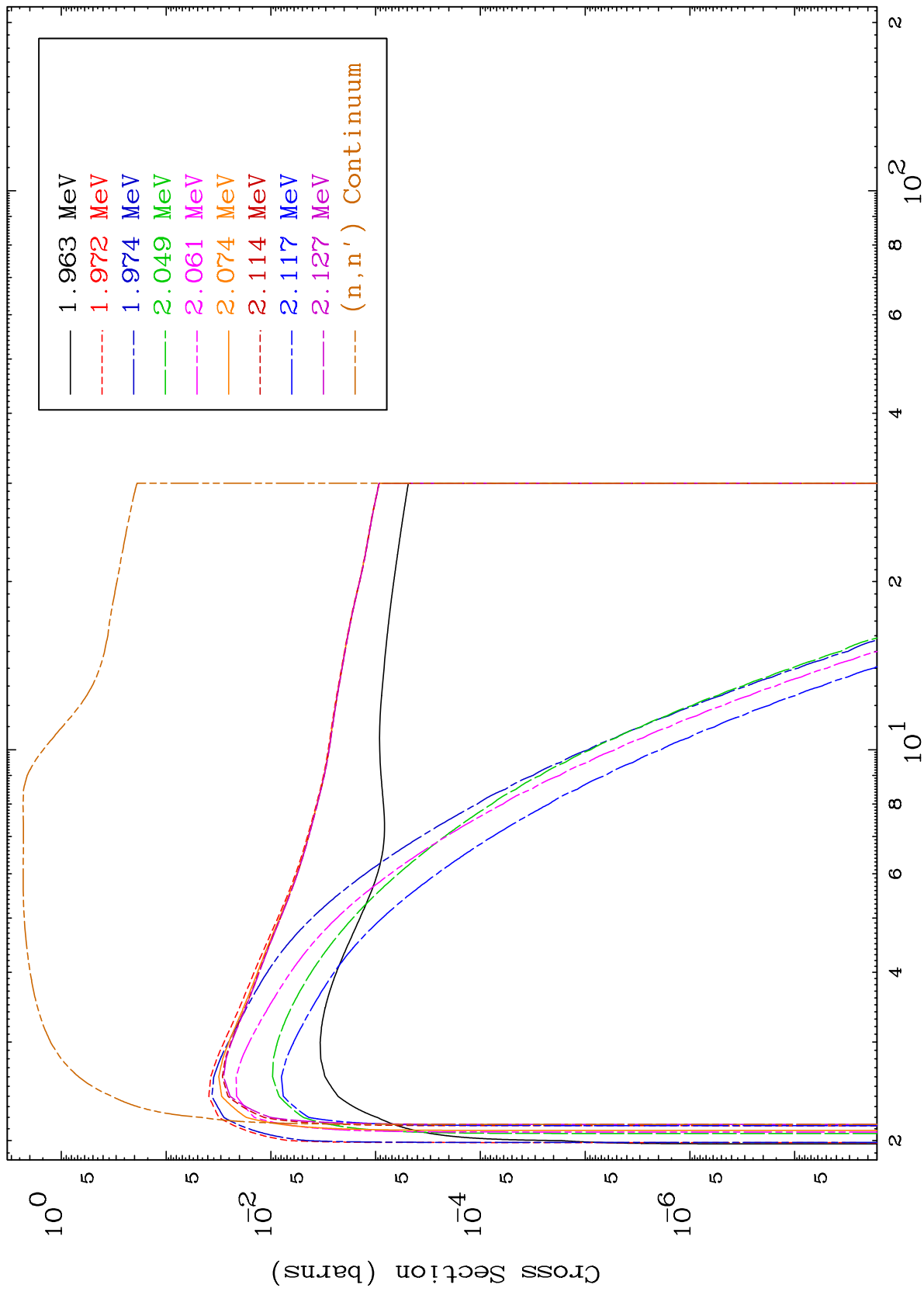
80-Hg-200

MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections



9

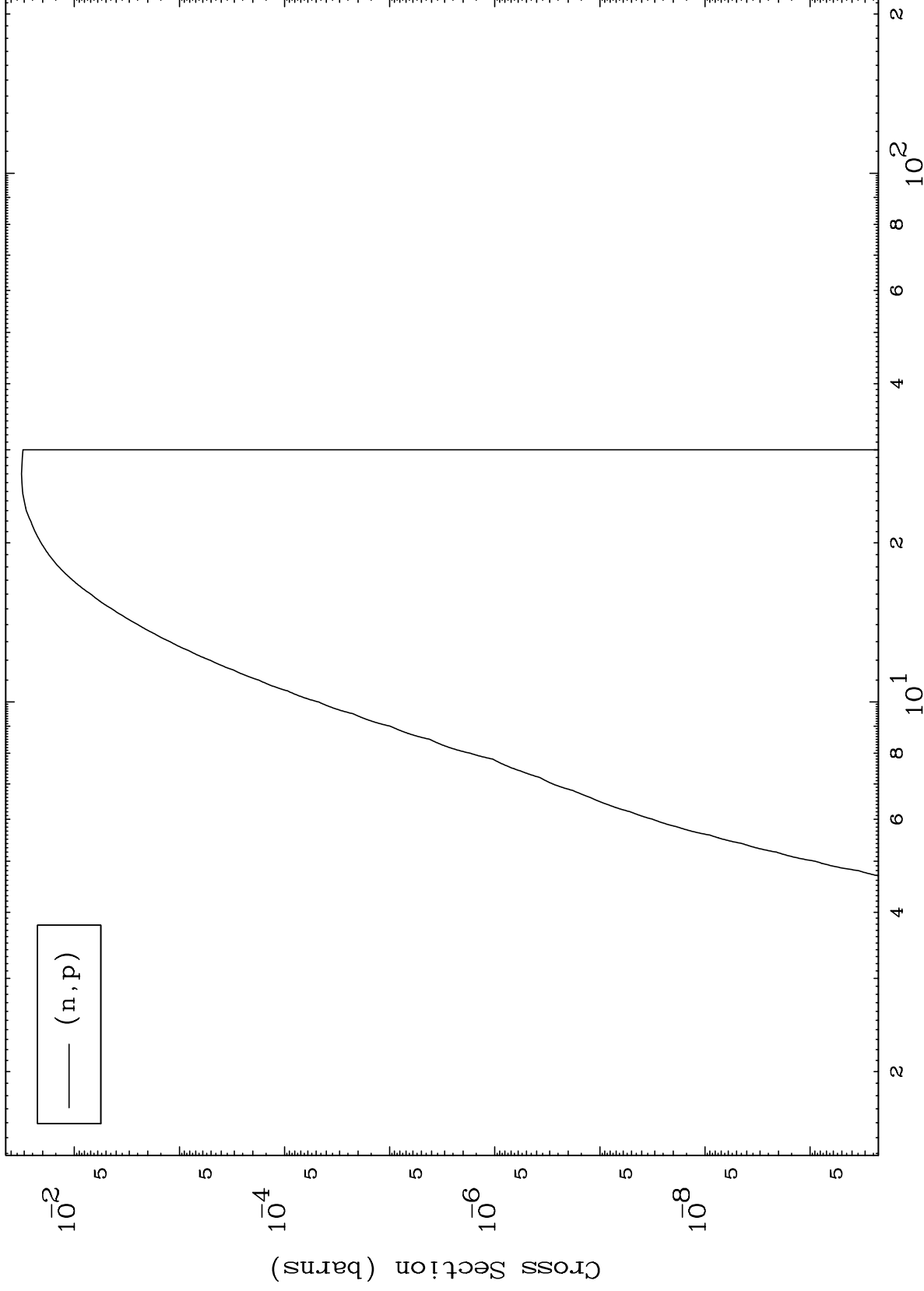
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-200



10

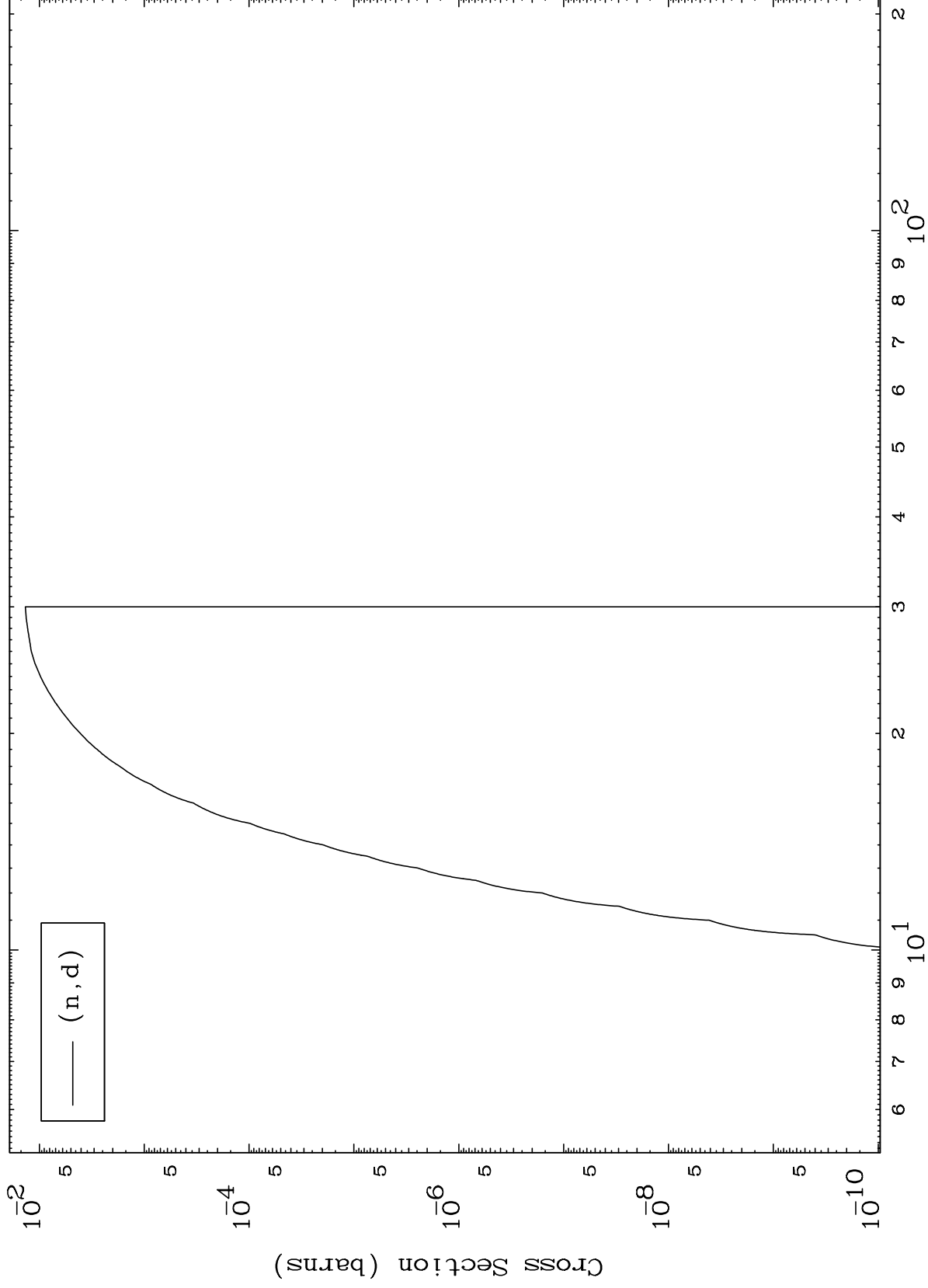
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,d) Levels  
293 Kelvin Cross Sections

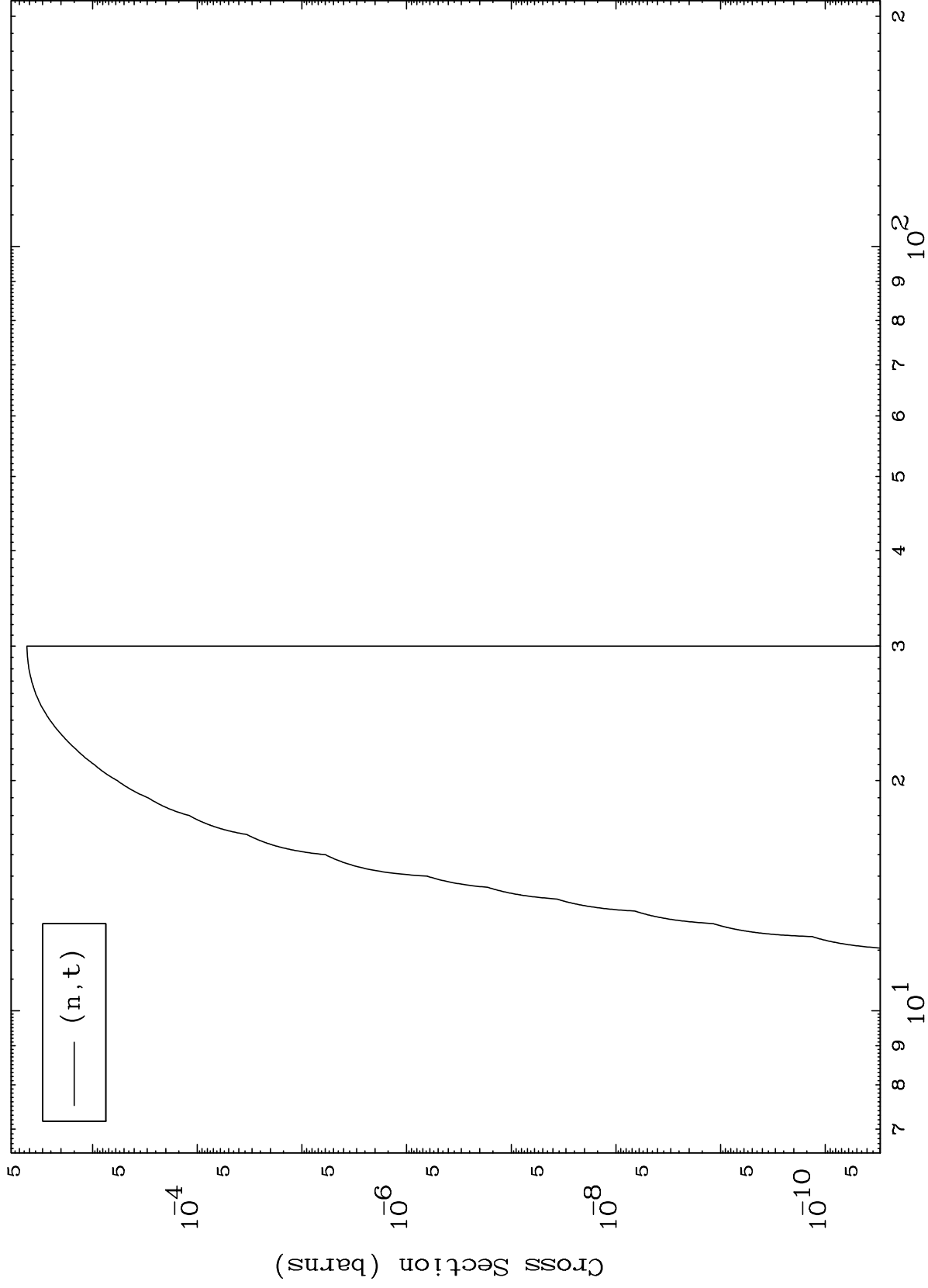
80-Hg-200



MAT 8037

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-200



12

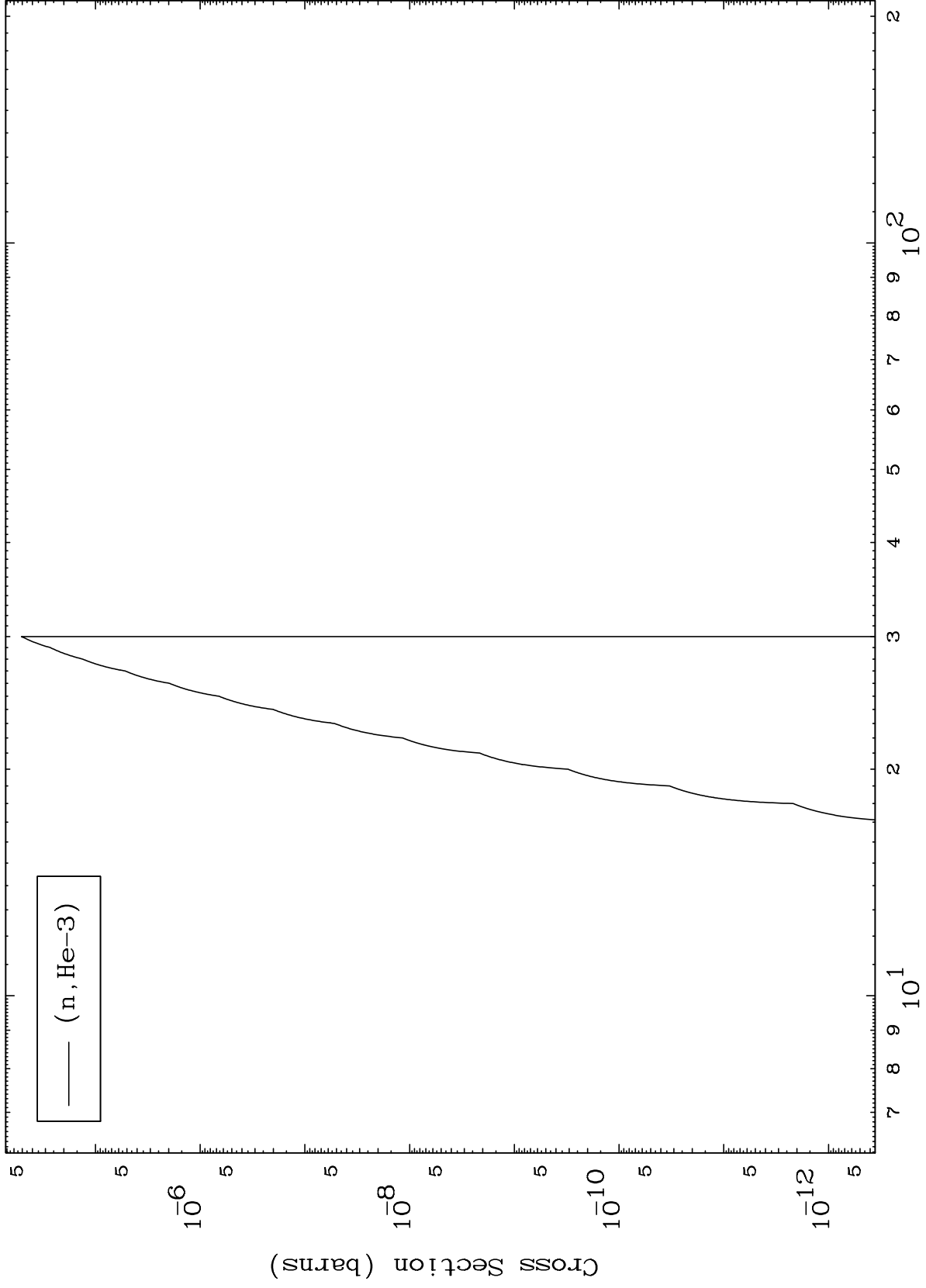
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-200



13

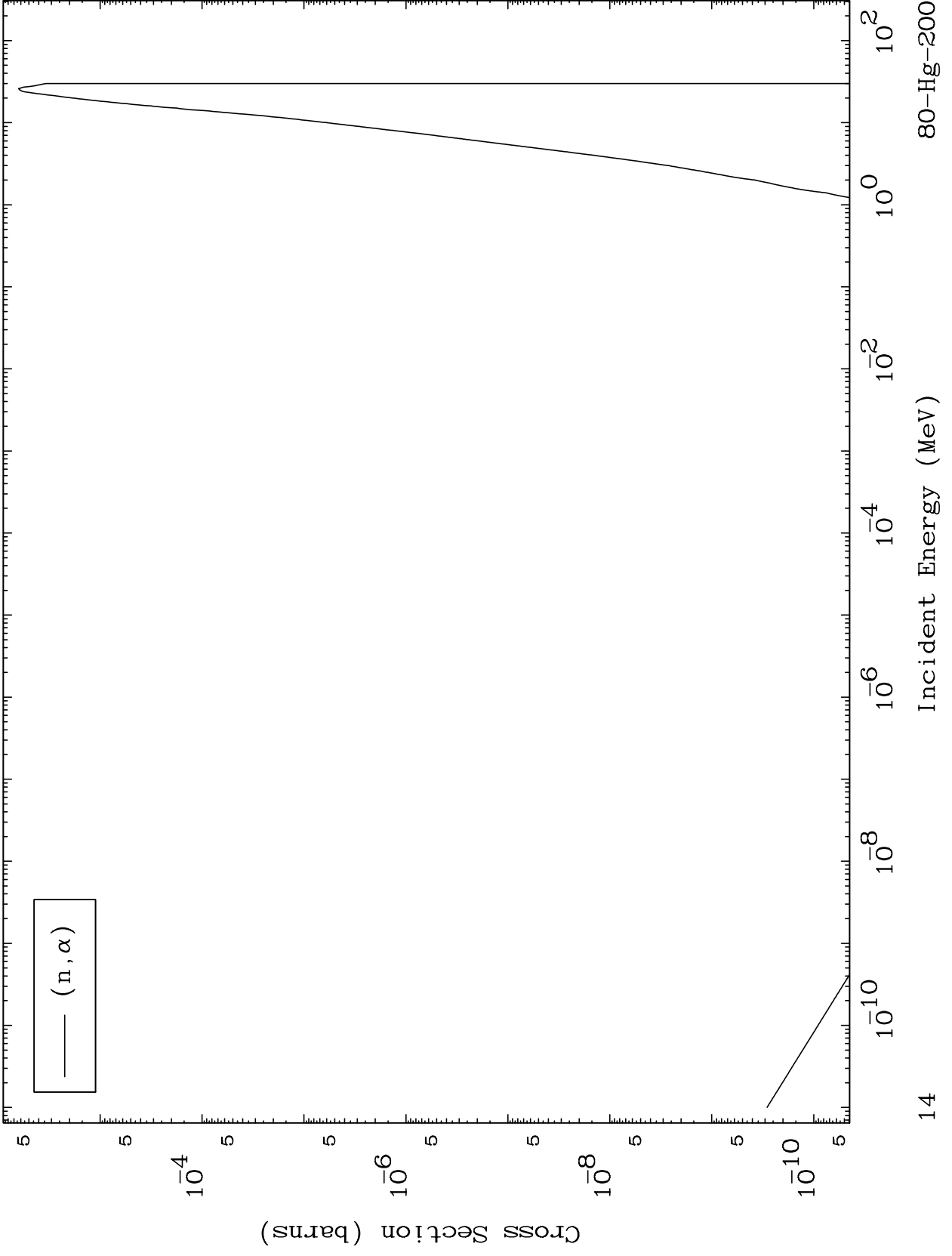
Incident Energy (MeV)

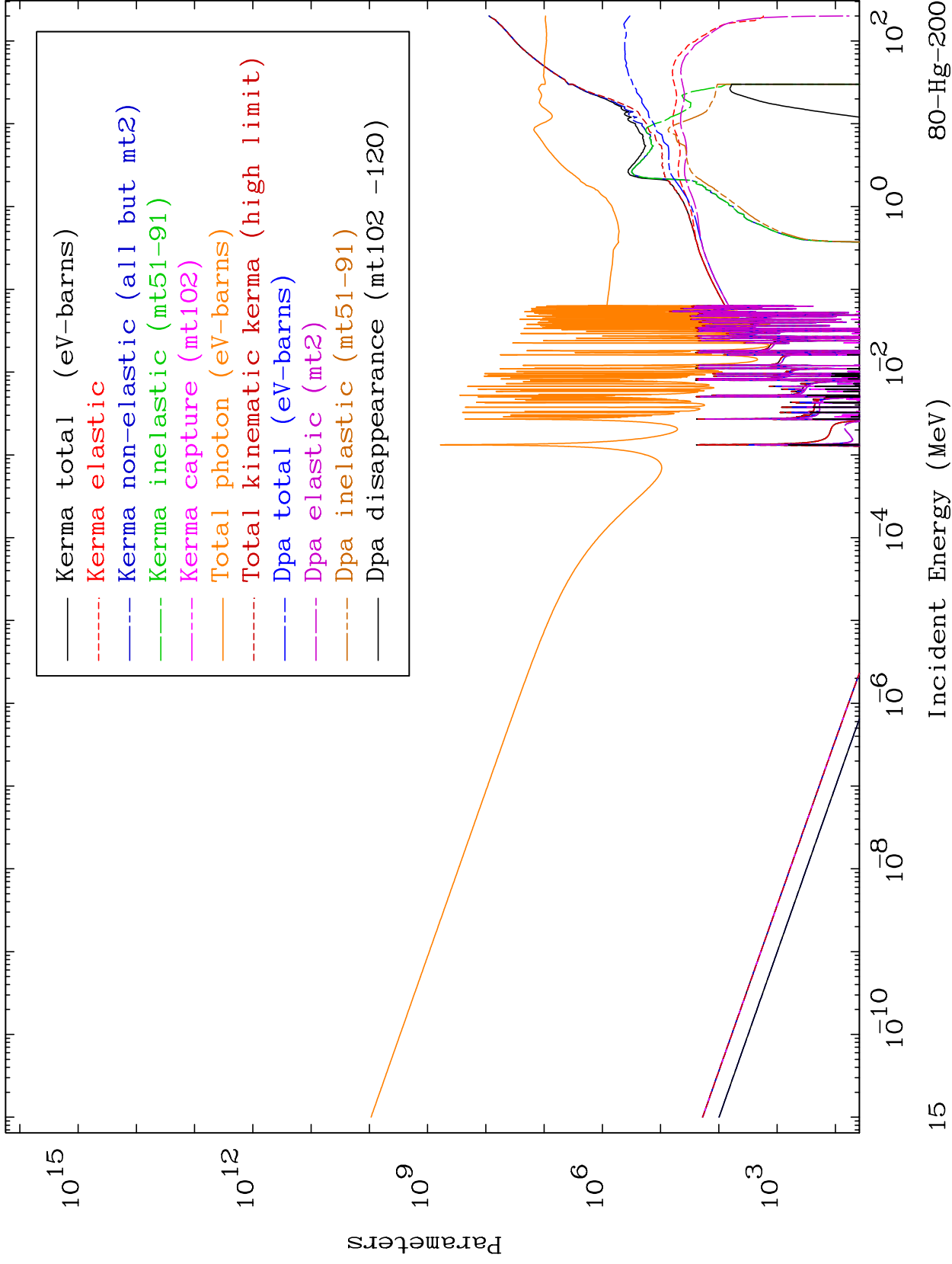
80-Hg-200

MAT 8037

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

80-Hg-200



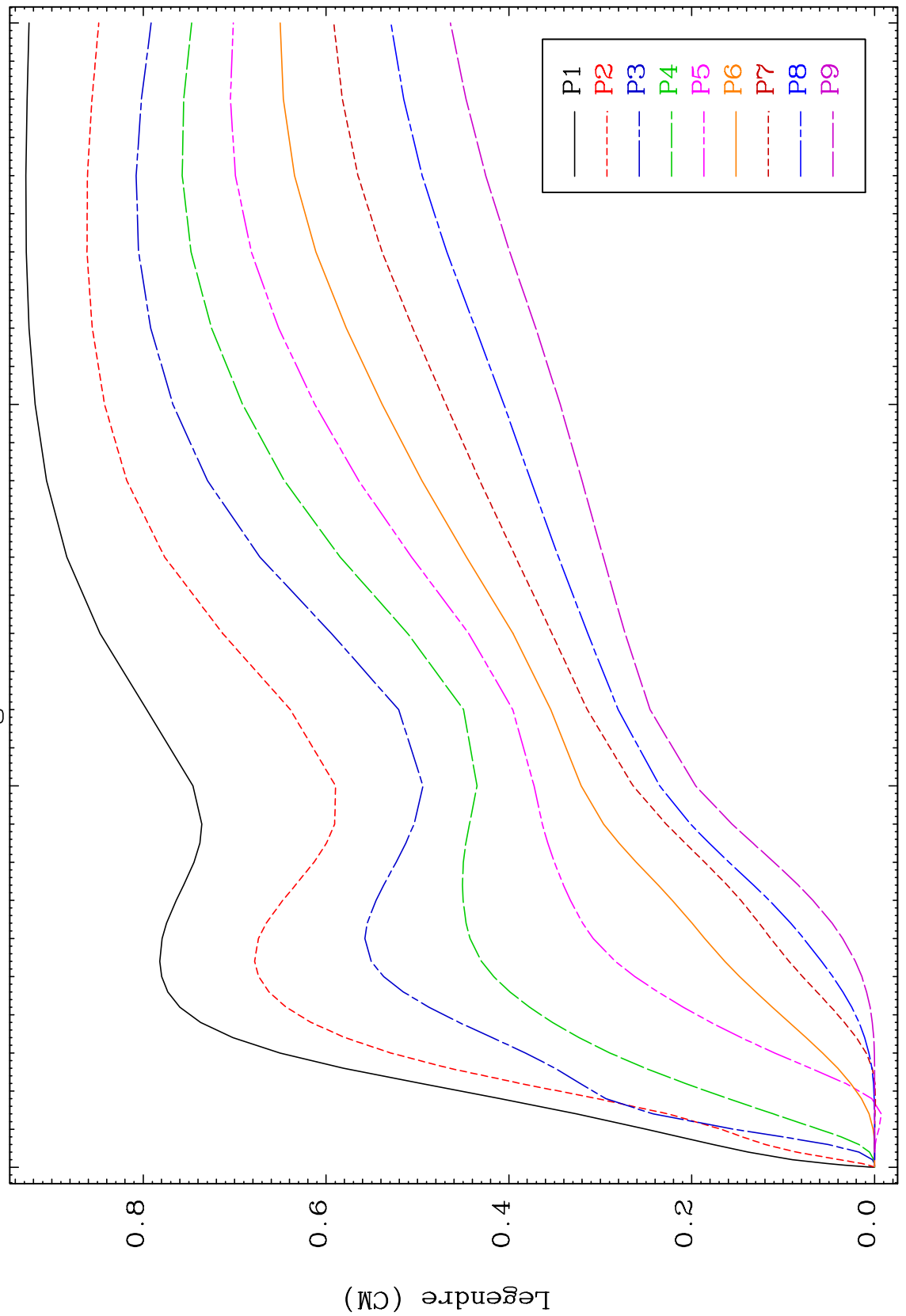




MAT 8037

Elastic Legendre Coefficients

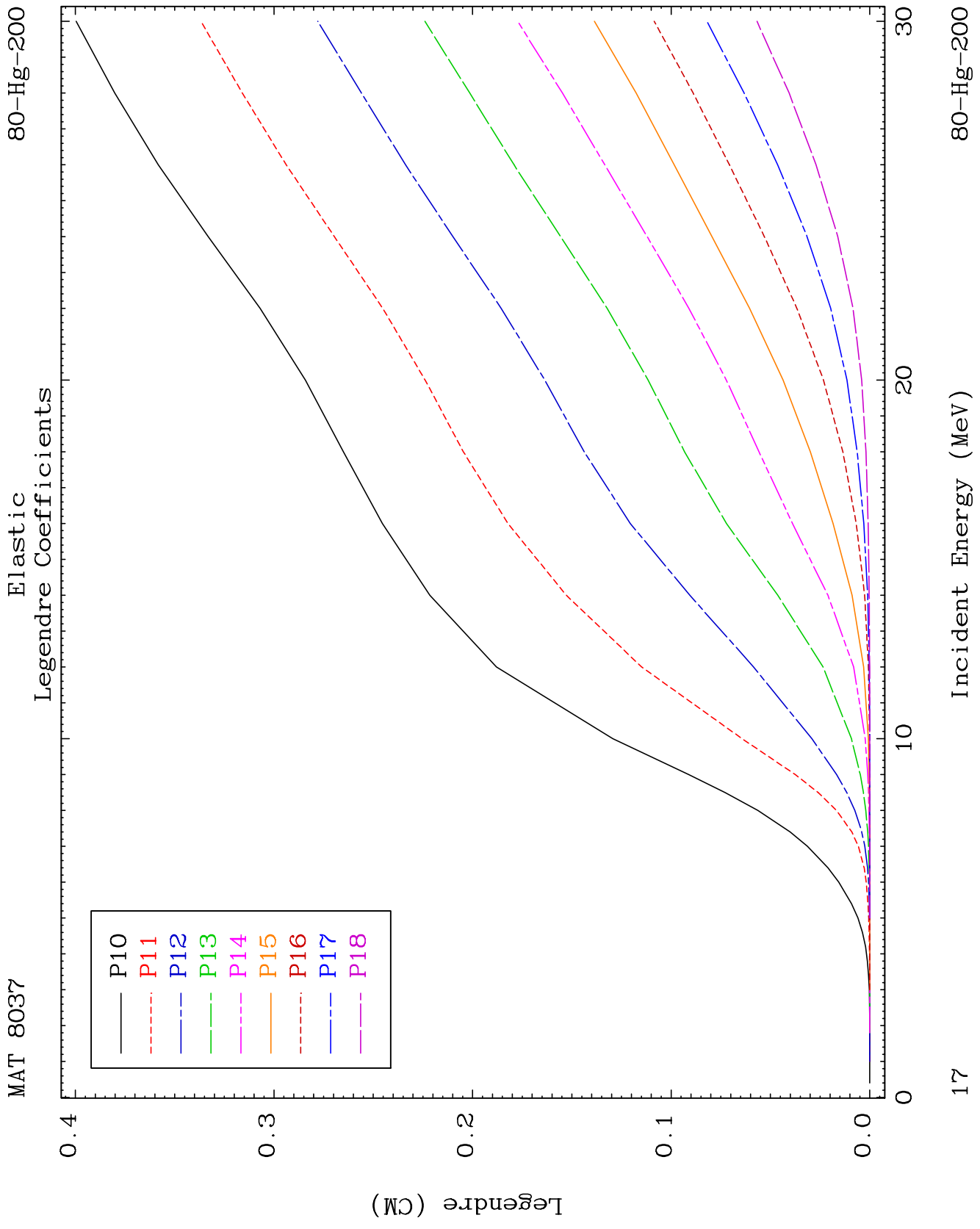
80-Hg-200



16

Incident Energy (MeV)

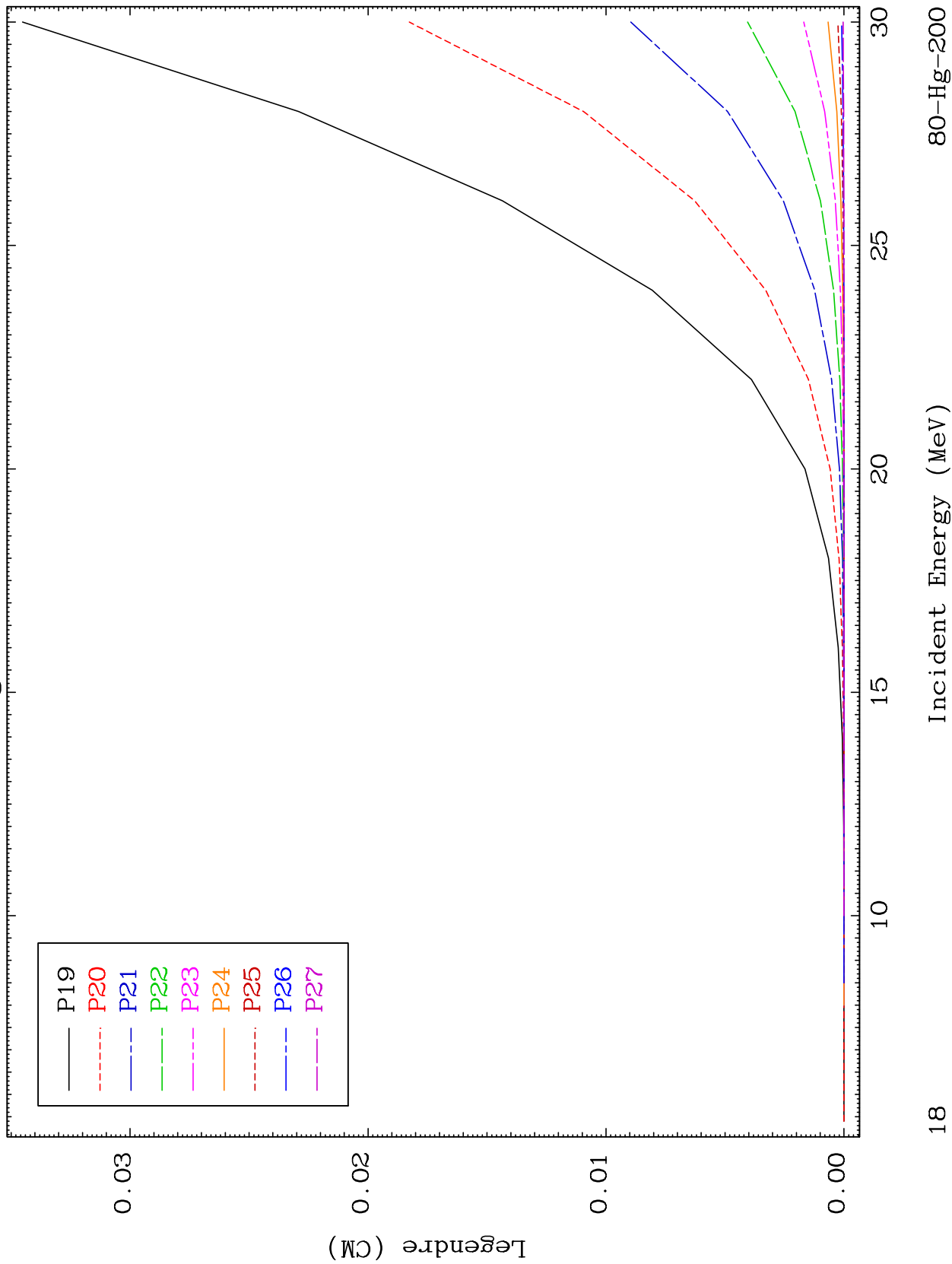
80-Hg-200



MAT 8037

### Elastic Legendre Coefficients

80-Hg-200



18

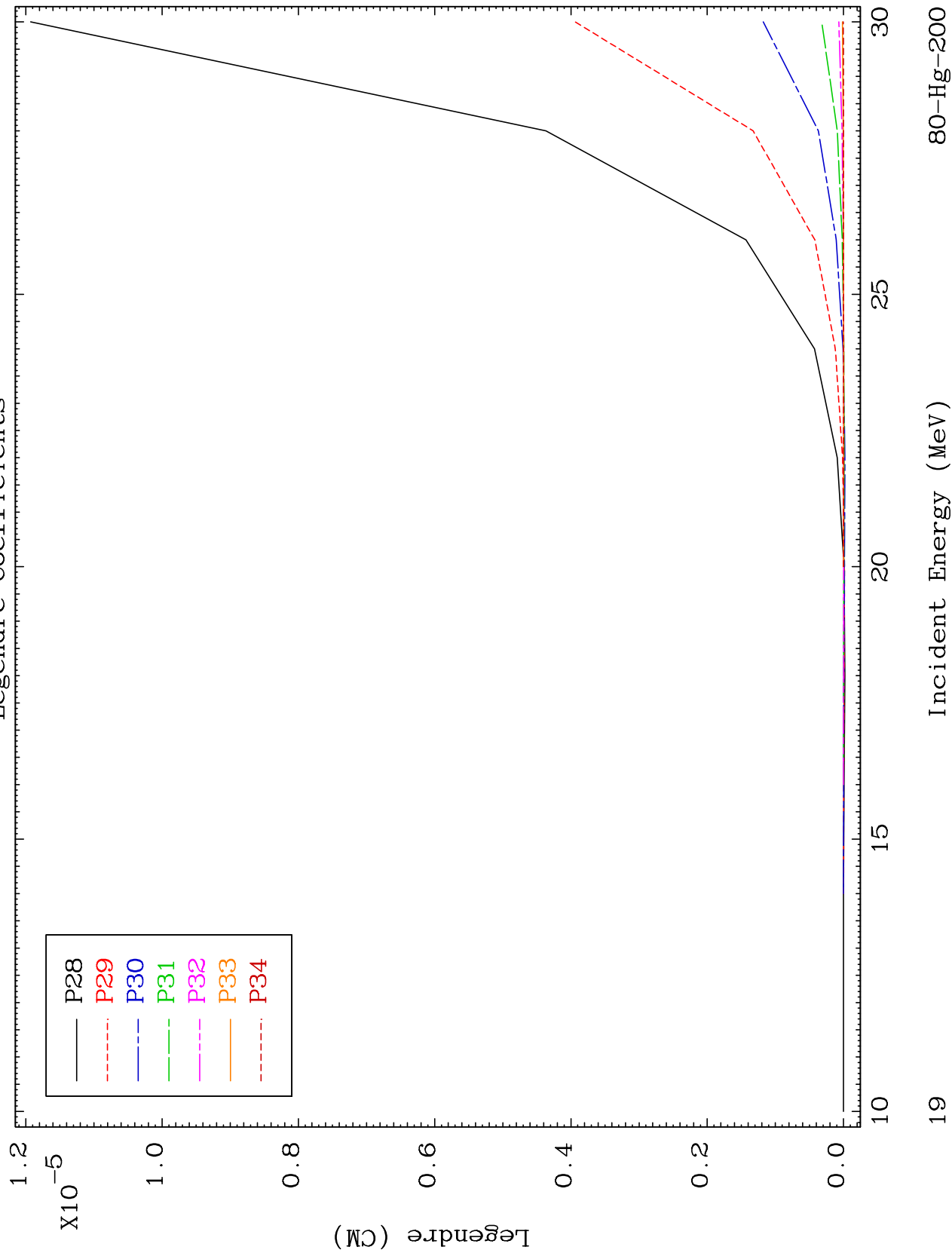
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

80-Hg-200



19

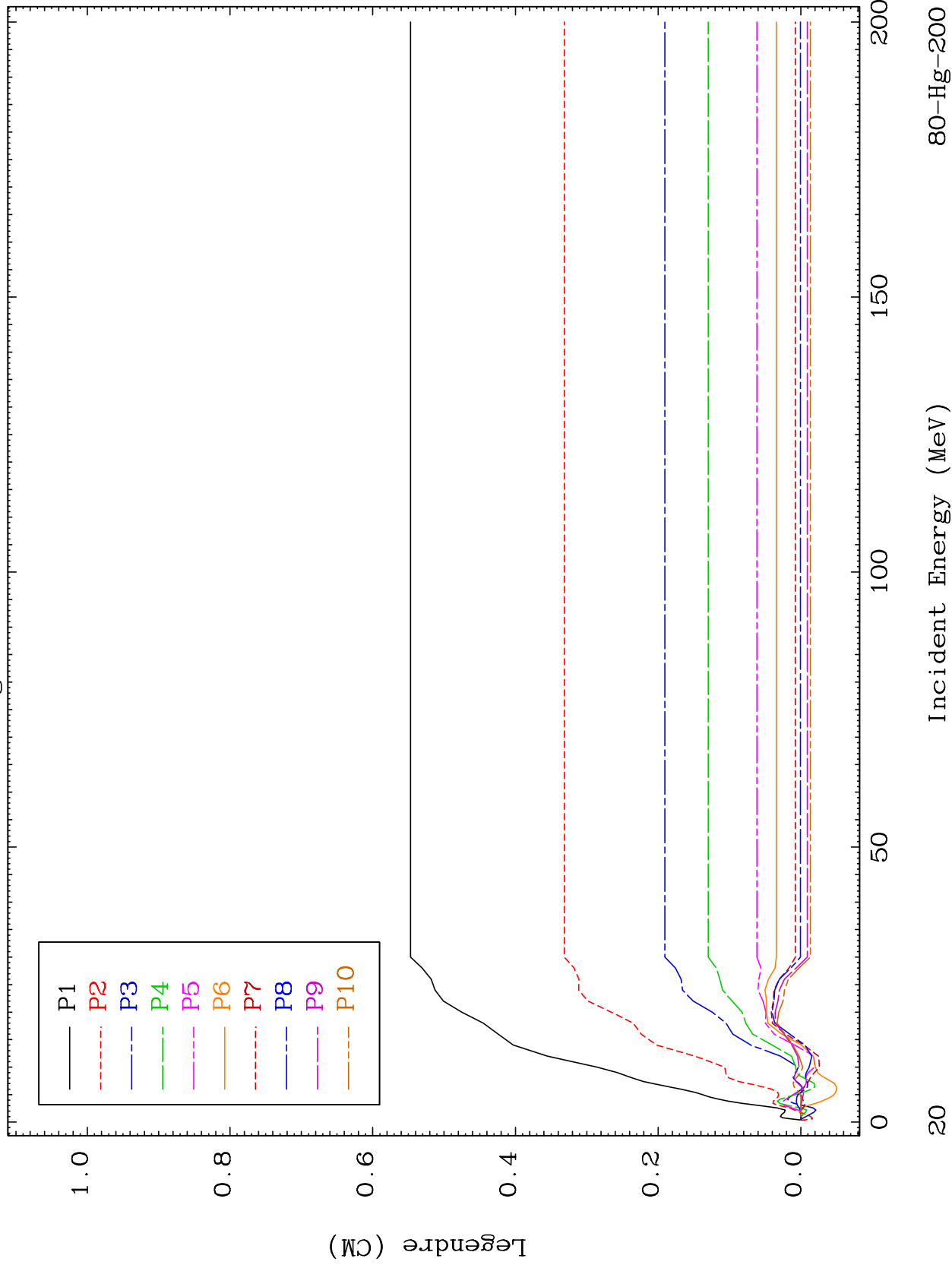
Incident Energy (MeV)

80-Hg-200

MAT 8037

367.9 keV (n, n') Level  
Legendre Coefficients

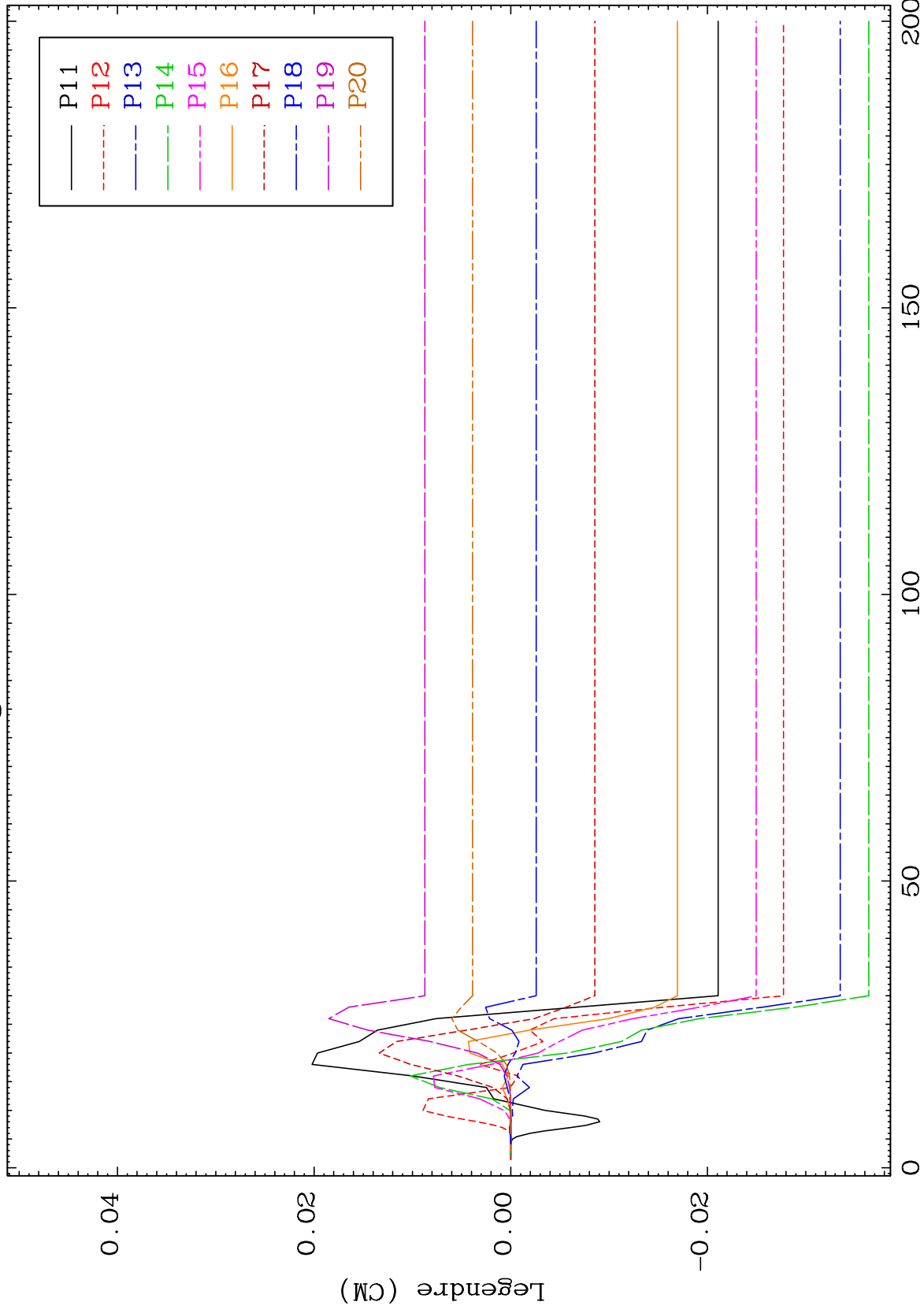
80-Hg-200



MAT 8037

367.9 keV (n,n') Level  
Legendre Coefficients

80-Hg-200



21

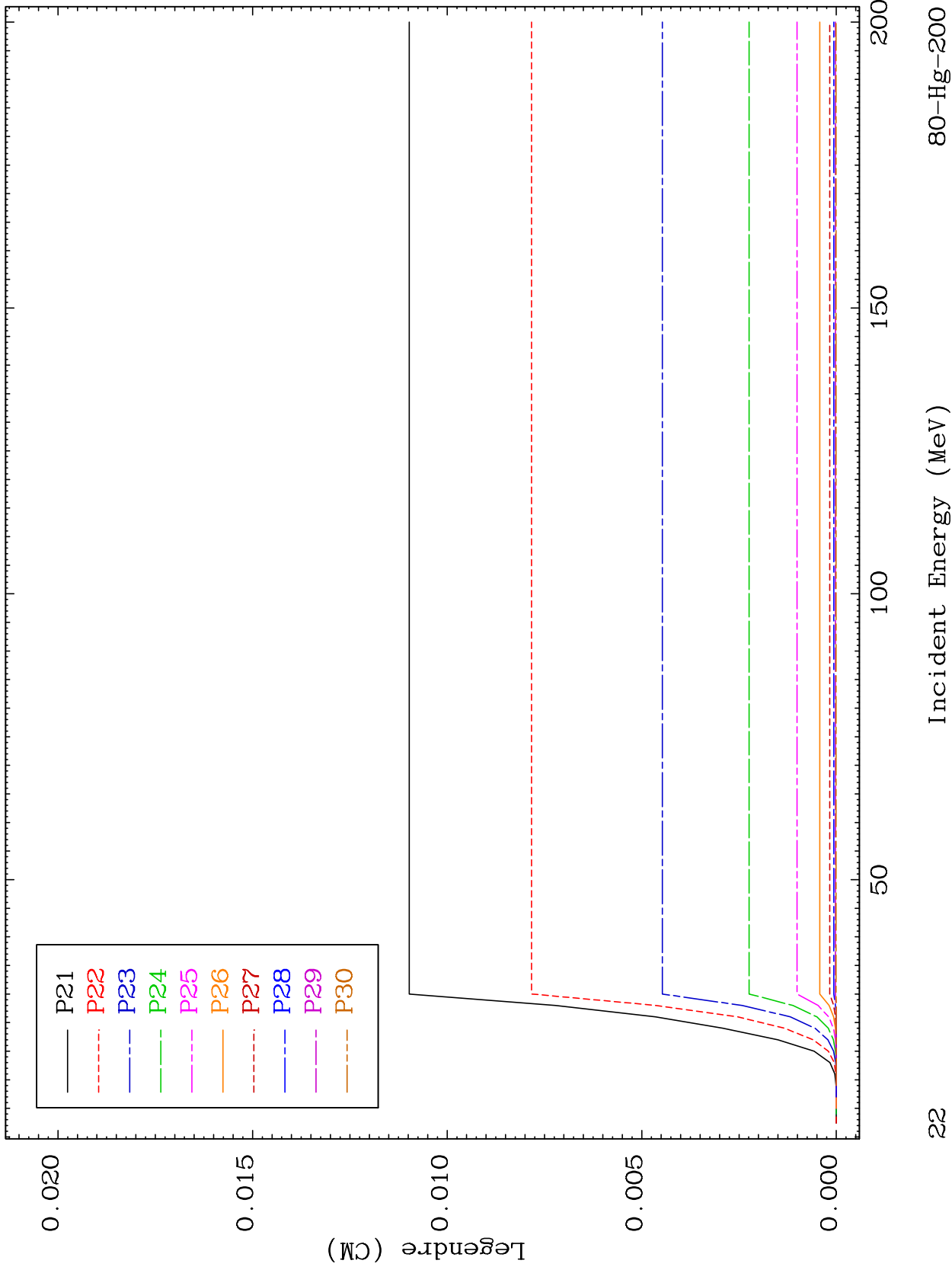
Incident Energy (MeV)

80-Hg-200

MAT 8037

367.9 keV (n,n') Level  
Legendre Coefficients

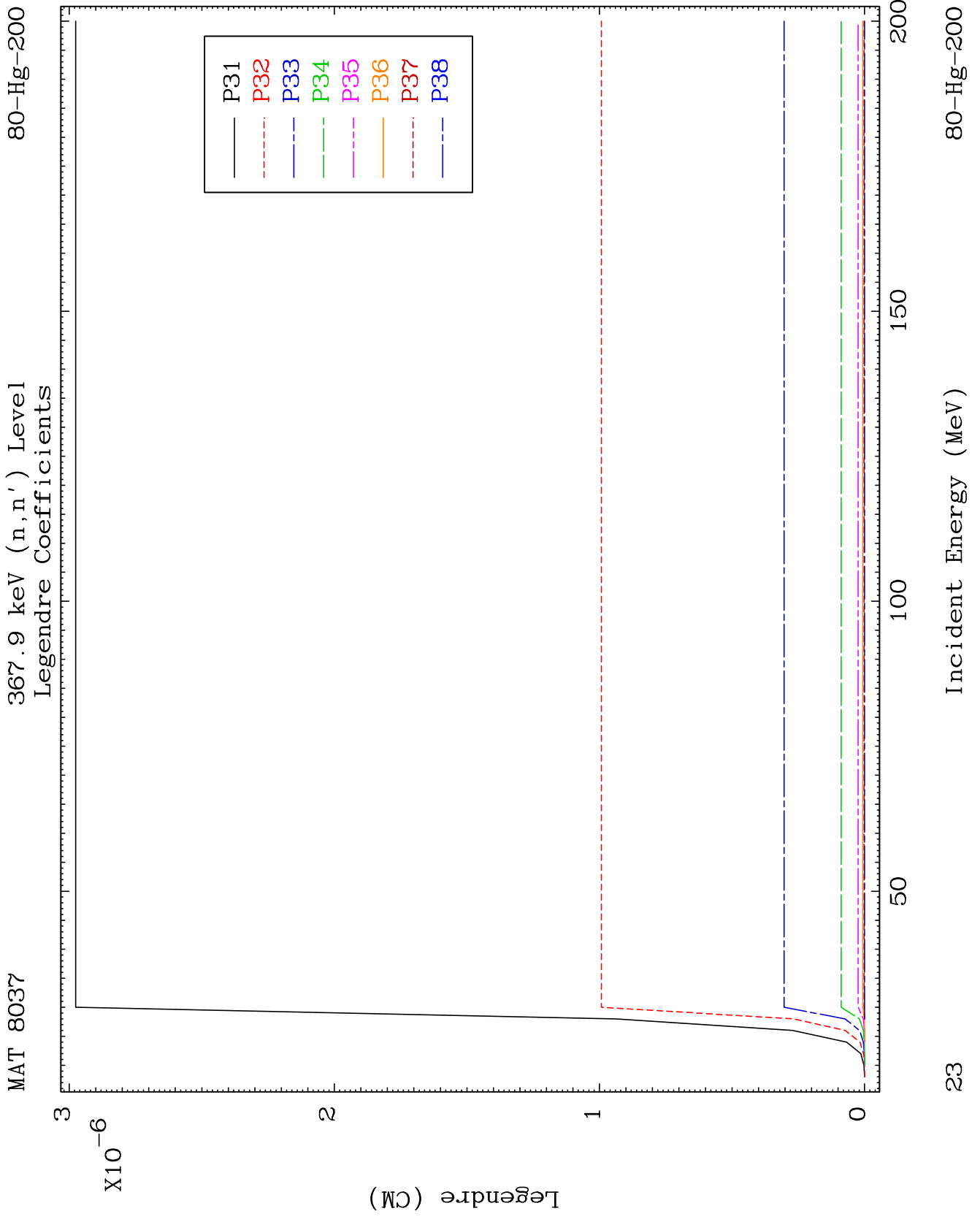
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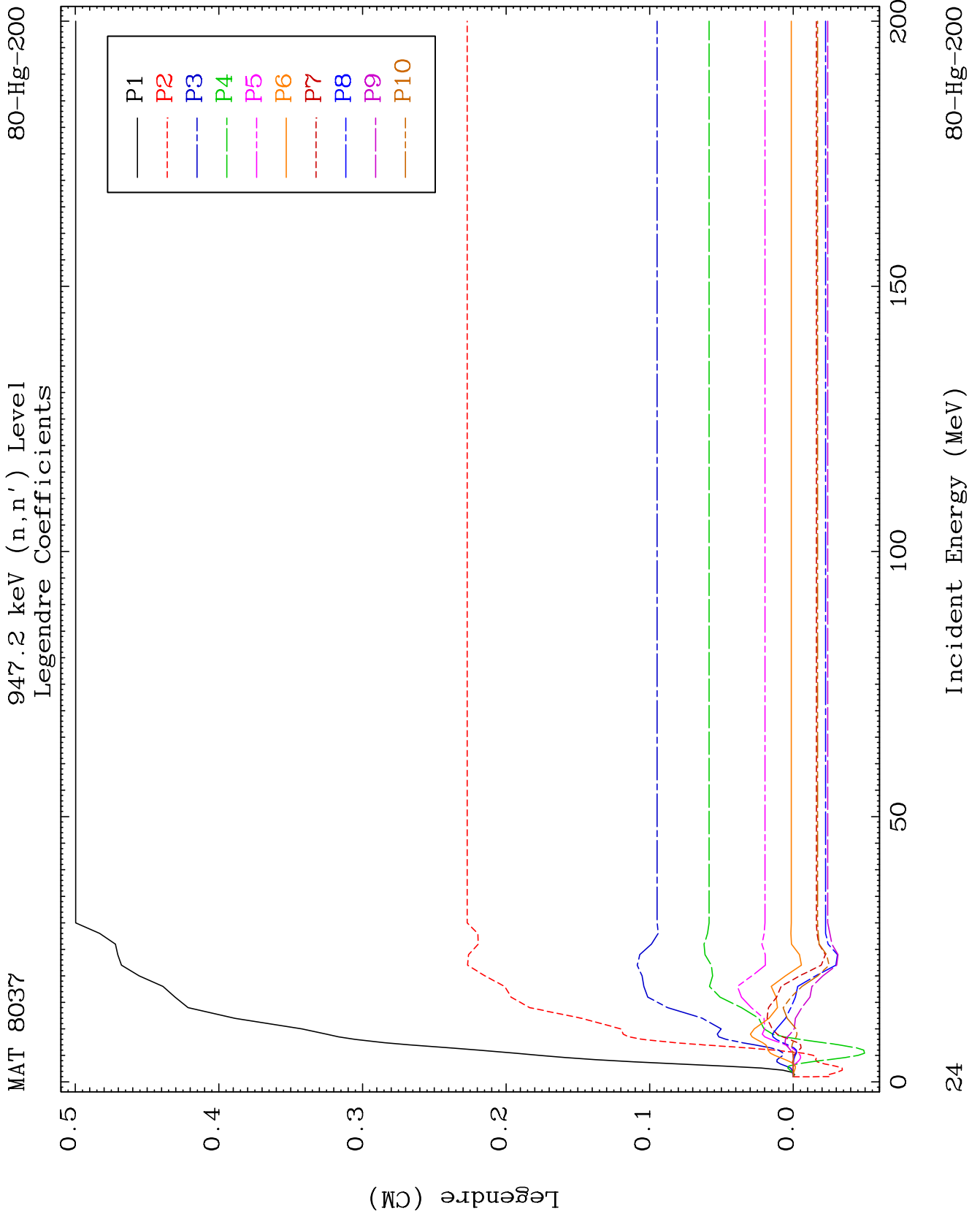
22

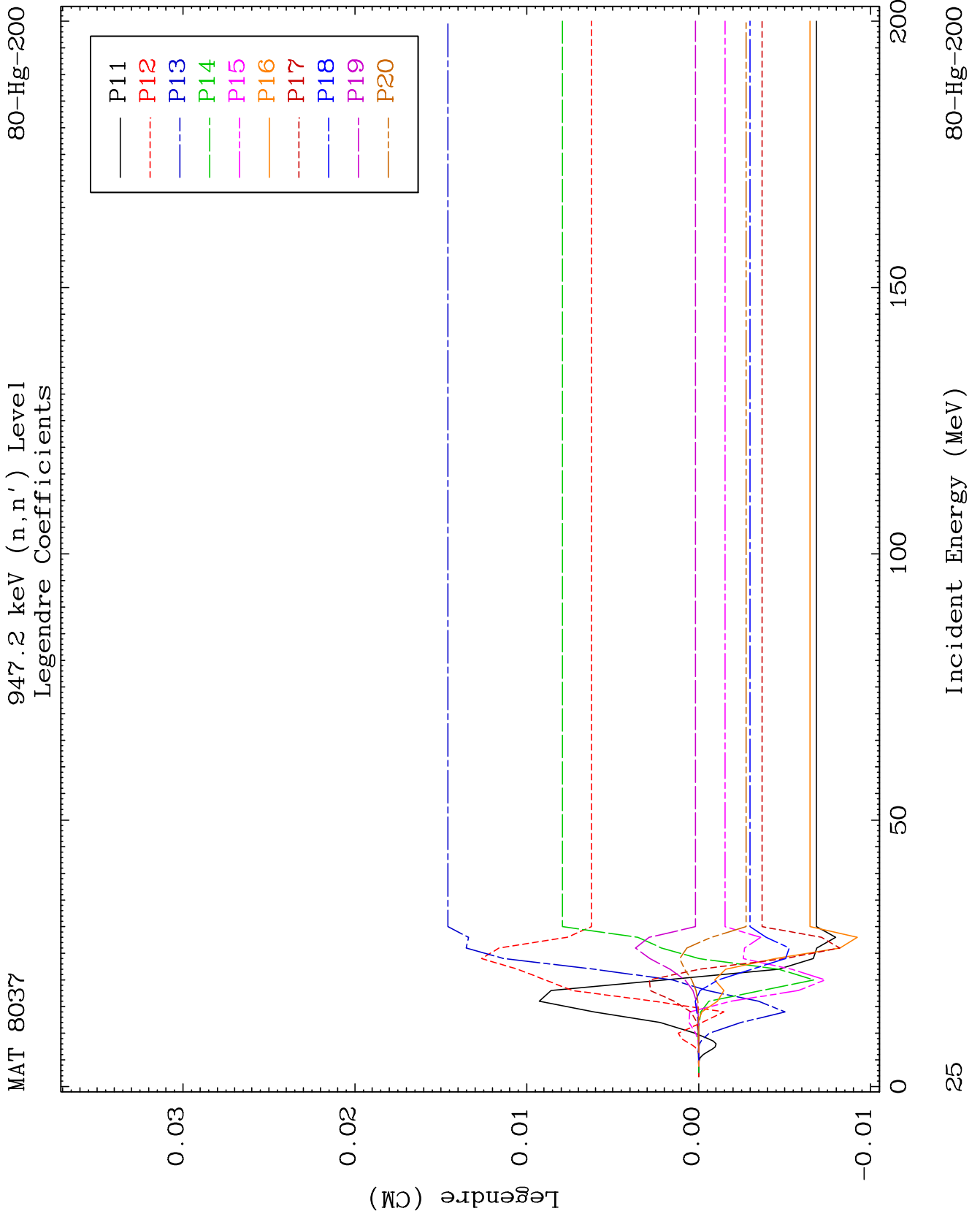
Incident Energy (MeV)

80-Hg-200





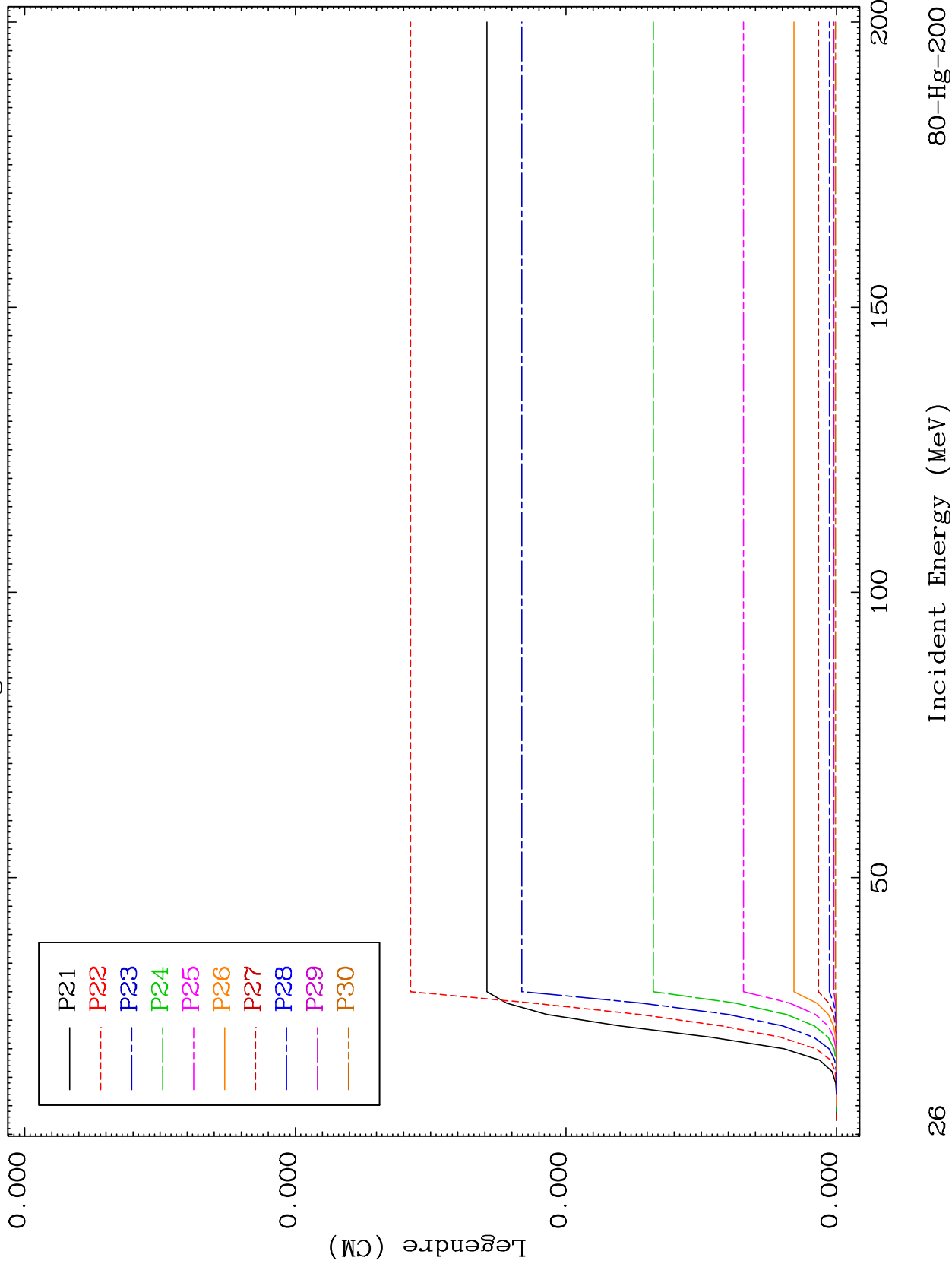




MAT 8037

947.2 keV (n,n') Level  
Legendre Coefficients

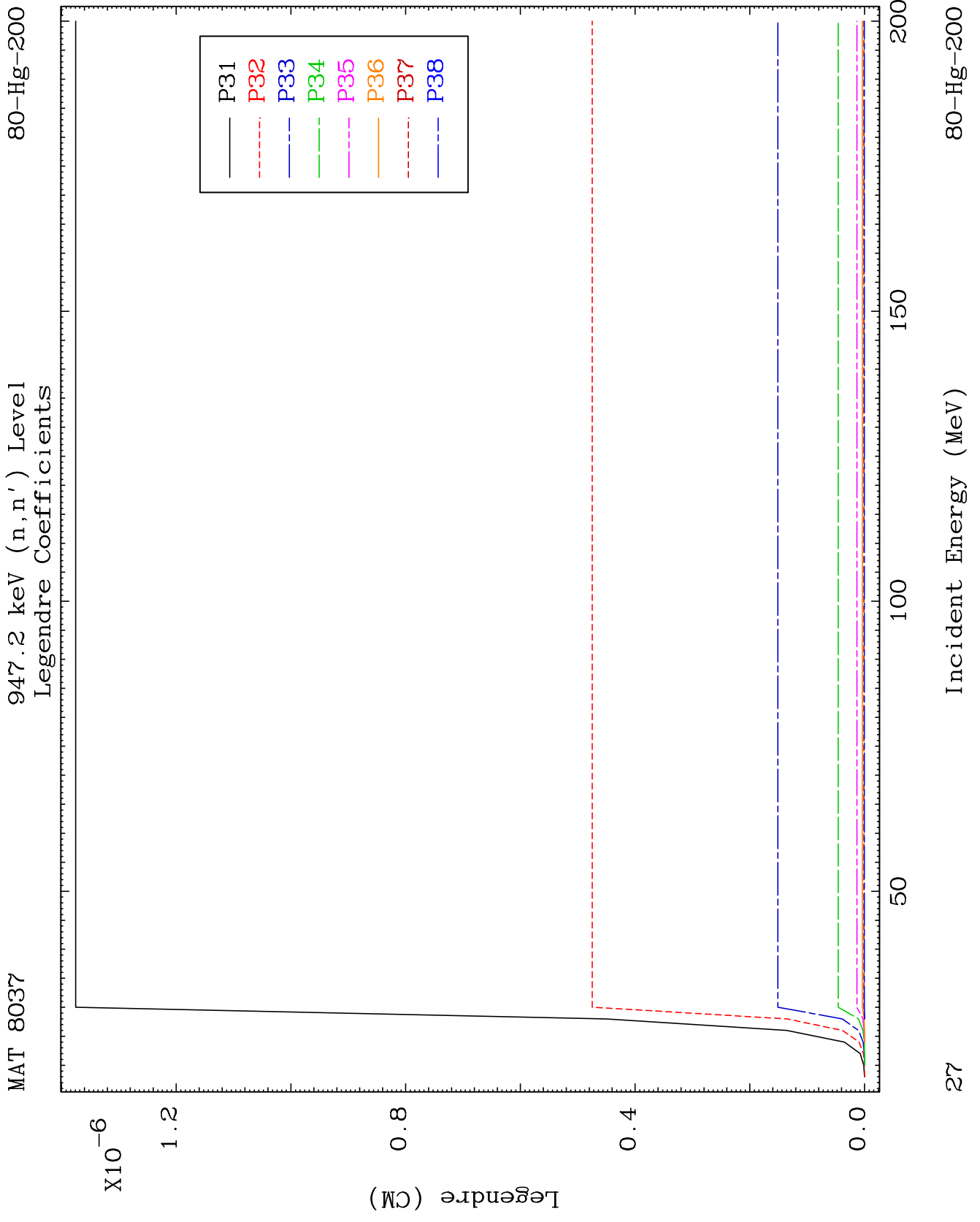
80-Hg-200



26

Incident Energy (MeV)

80-Hg-200

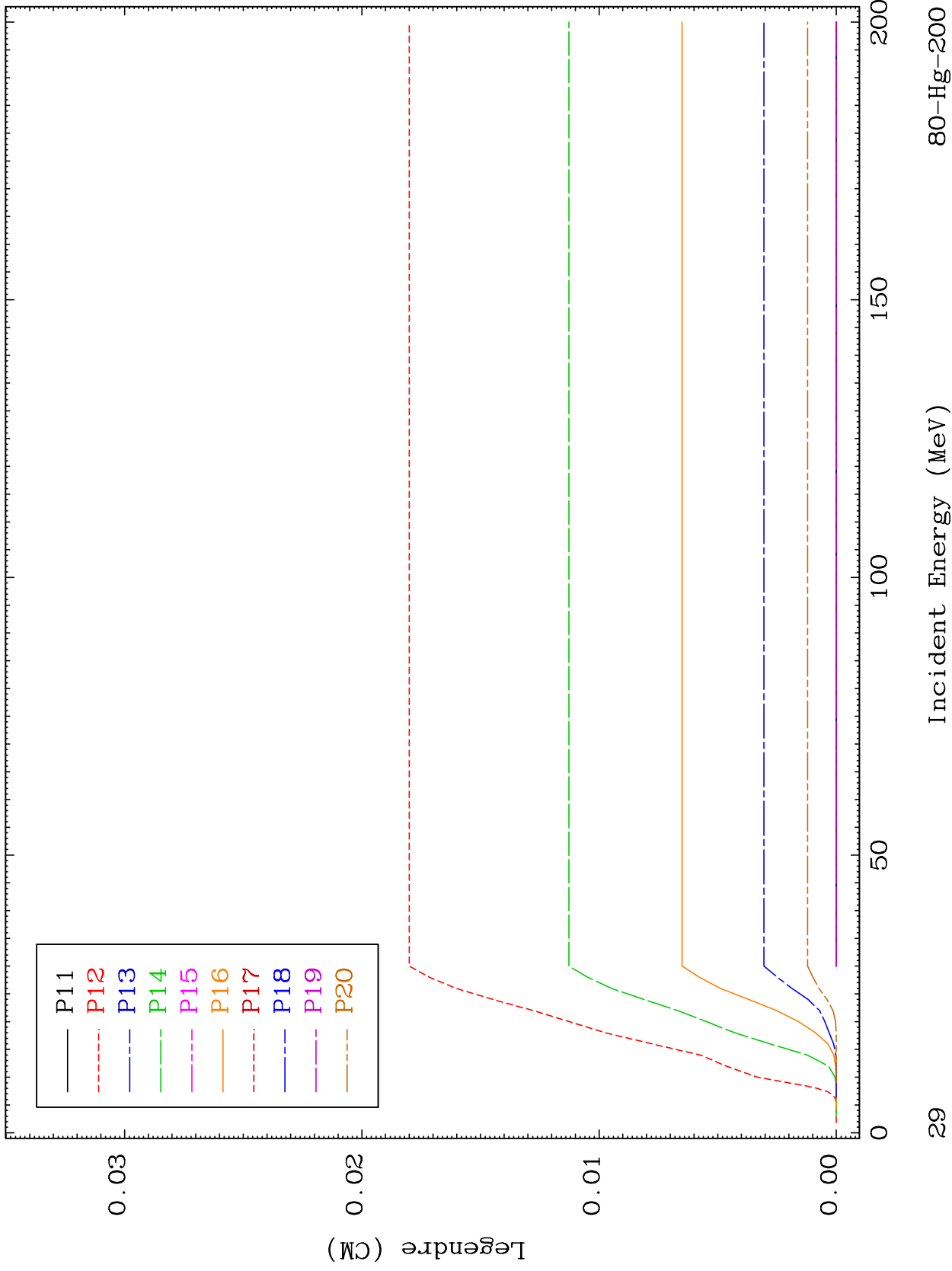




MAT 8037

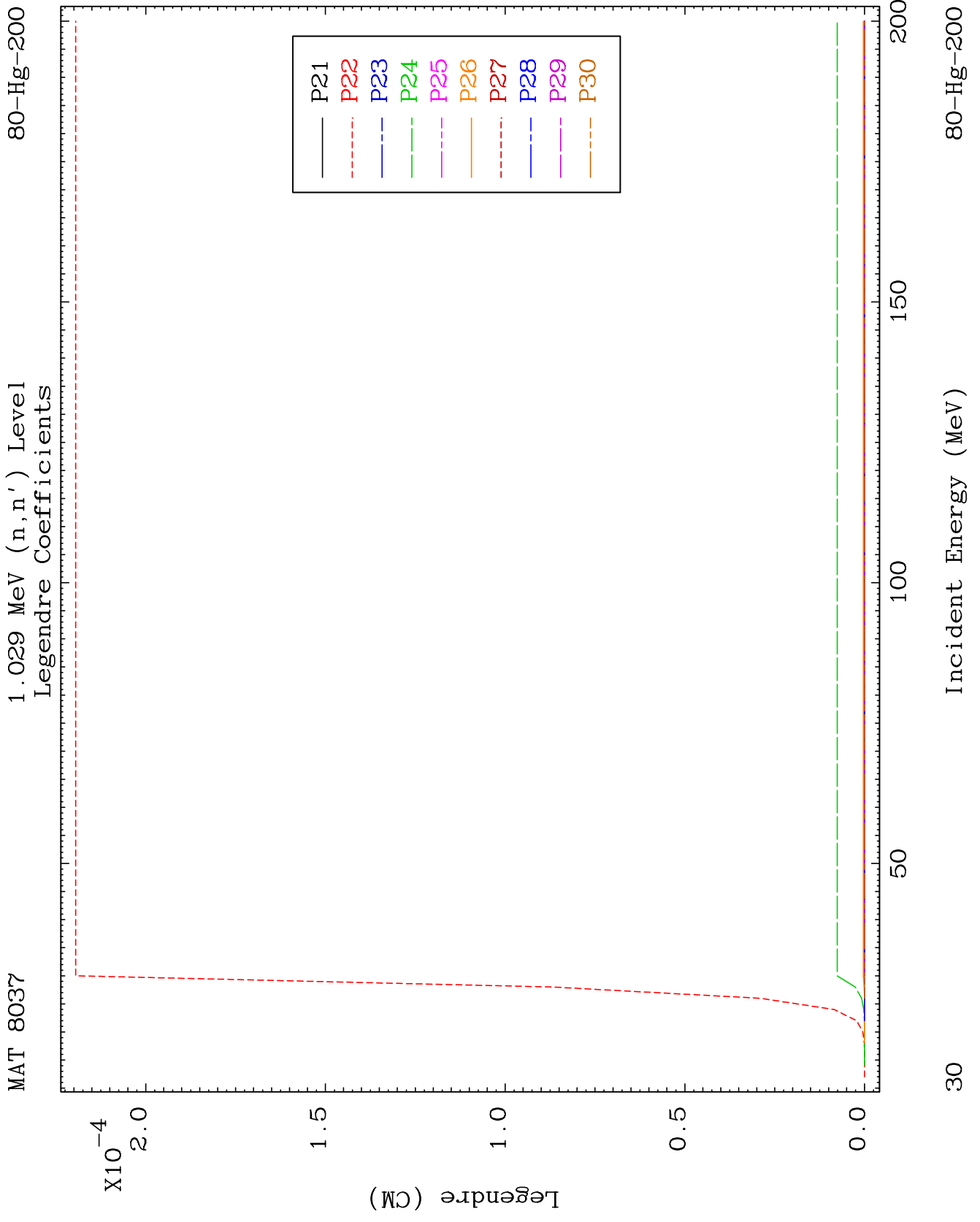
1.029 MeV (n,n') Level  
Legendre Coefficients

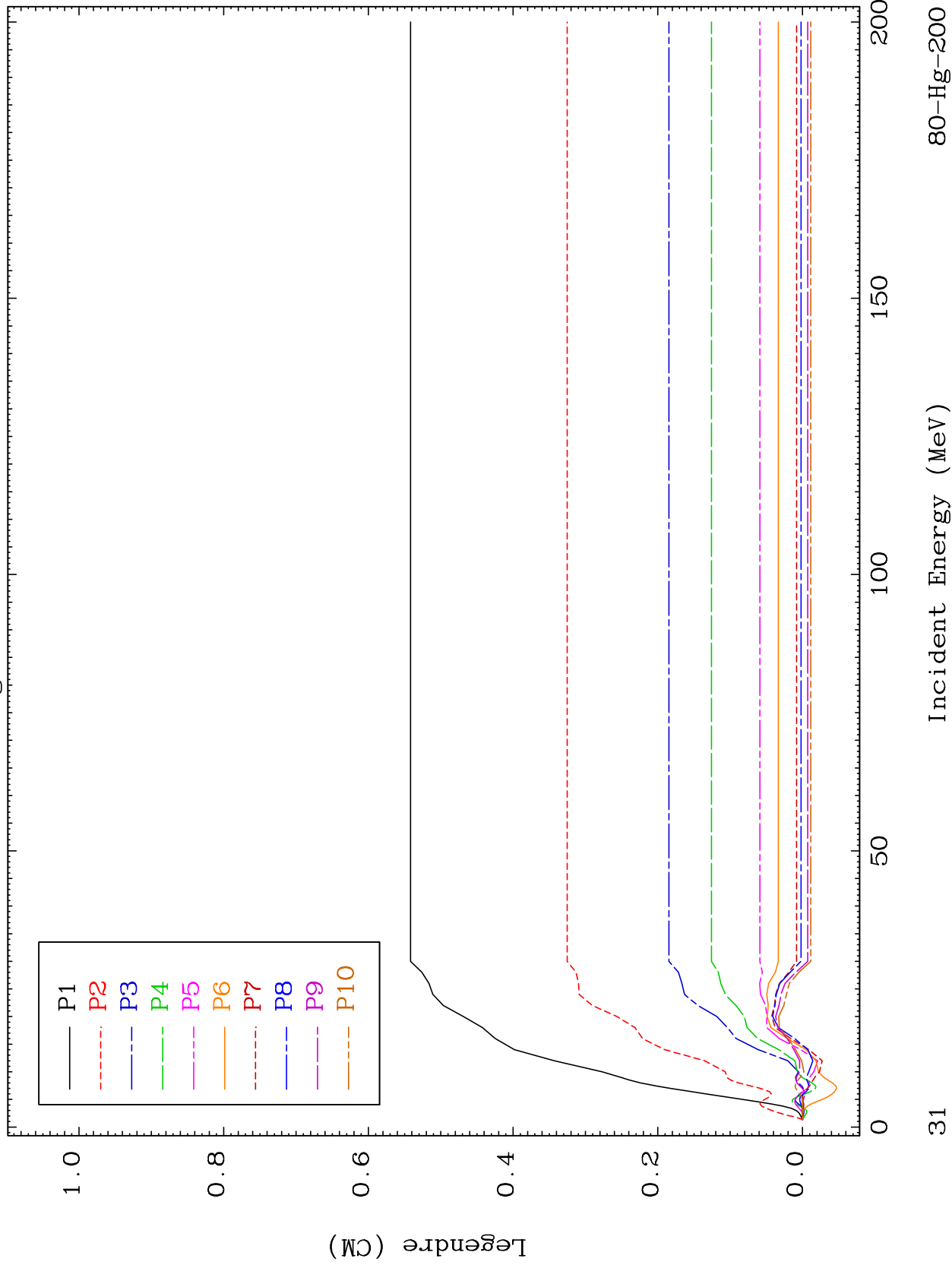
80-Hg-200



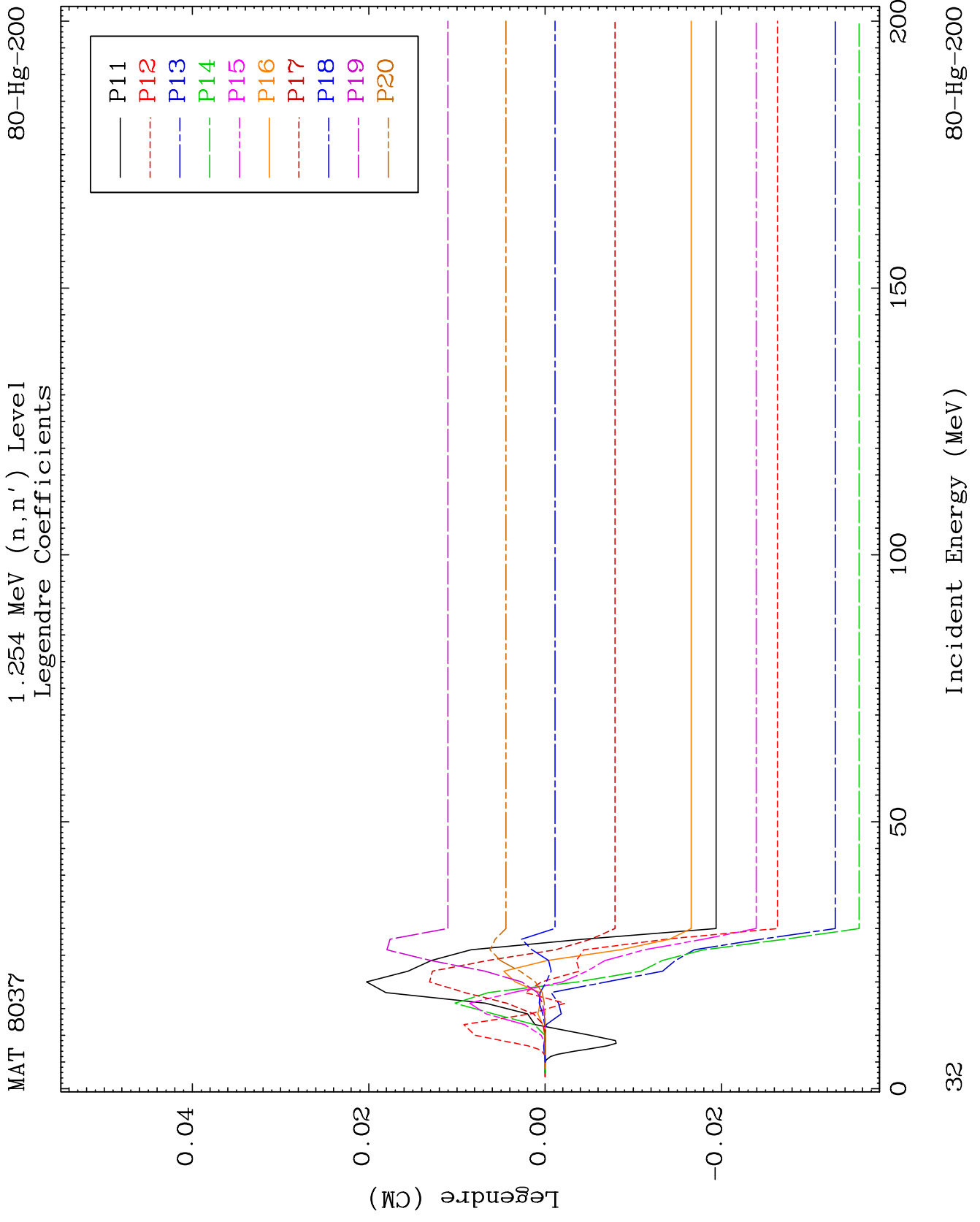
29

80-Hg-200





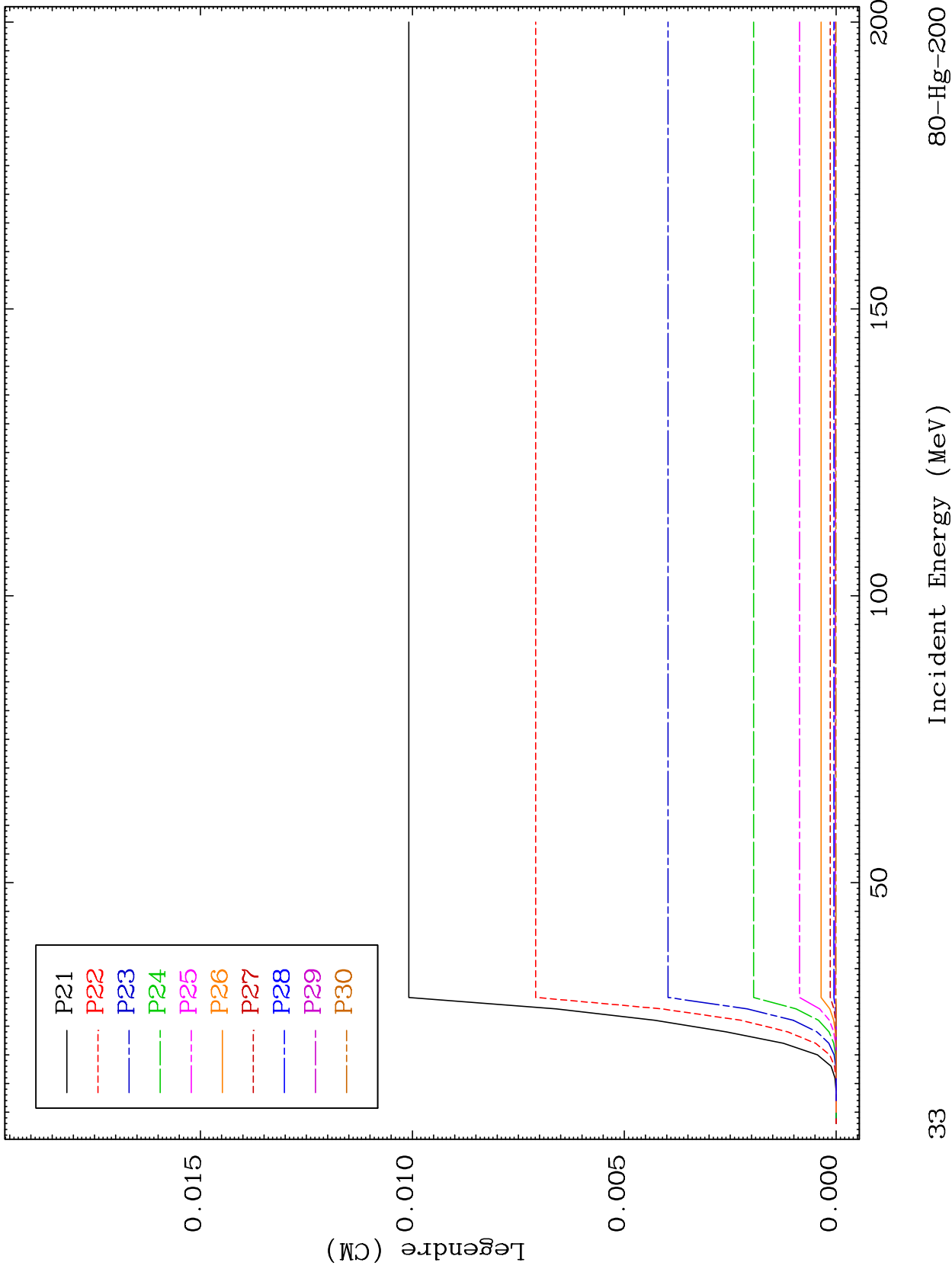


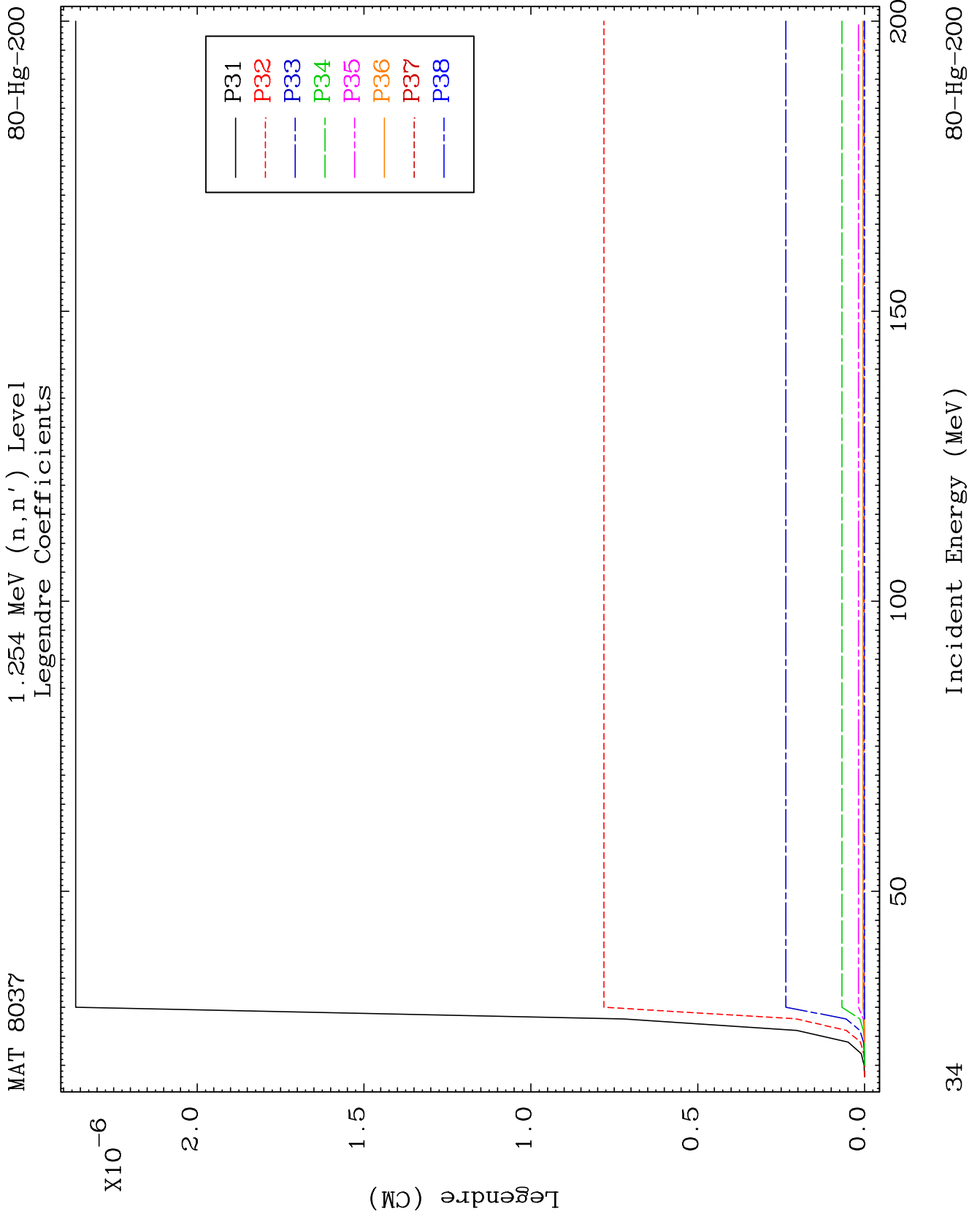


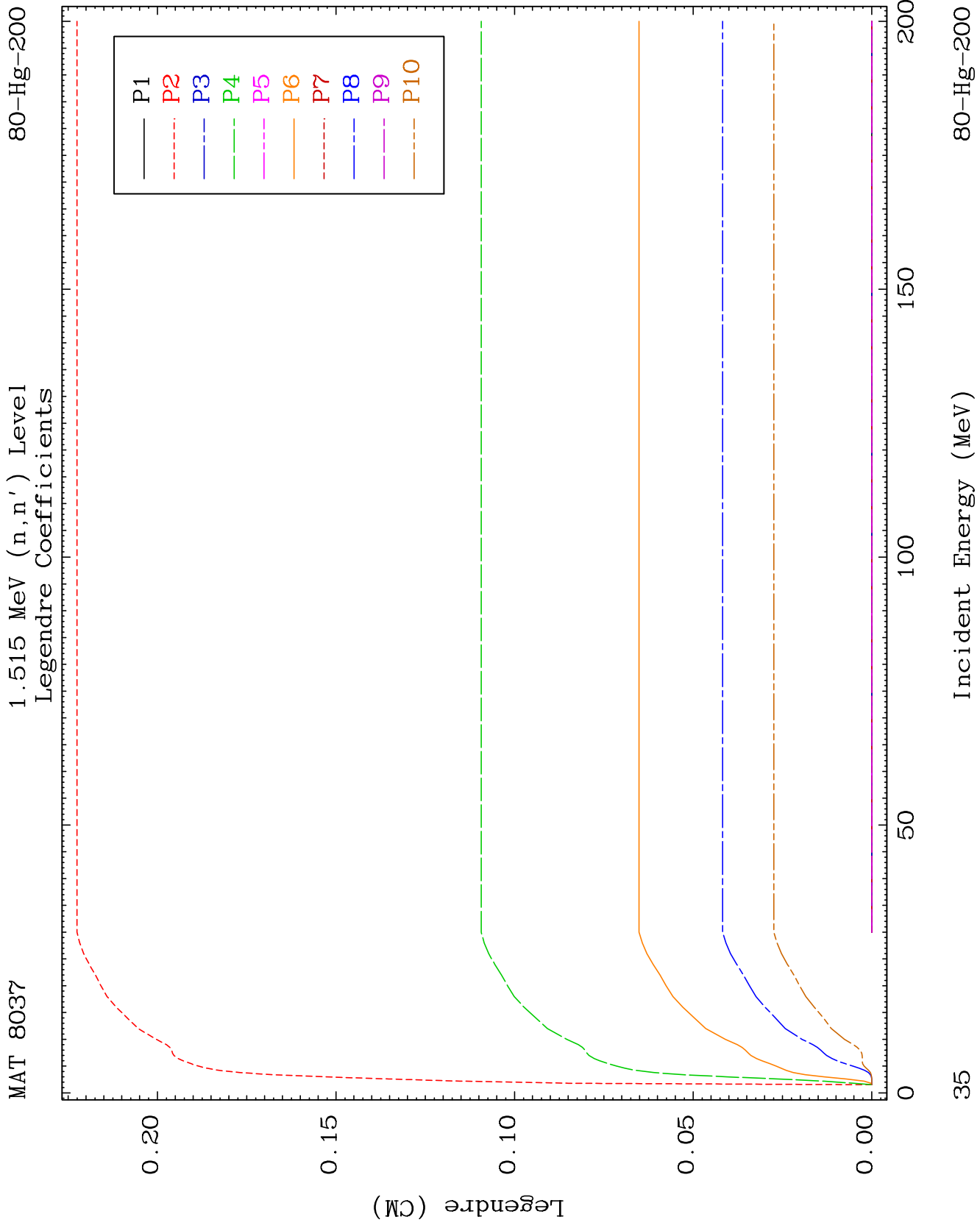
MAT 8037

1.254 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



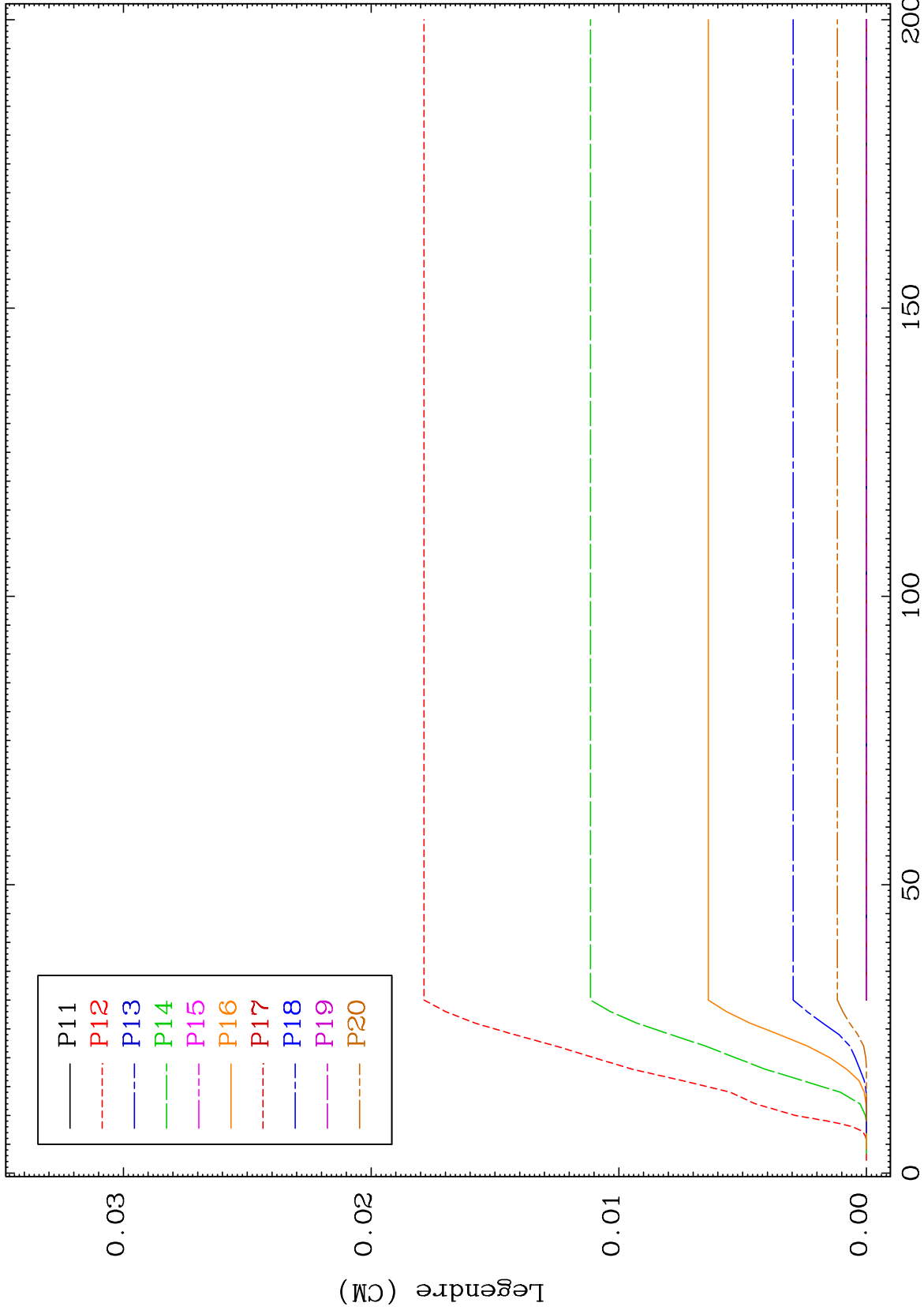




MAT 8037

1.515 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200

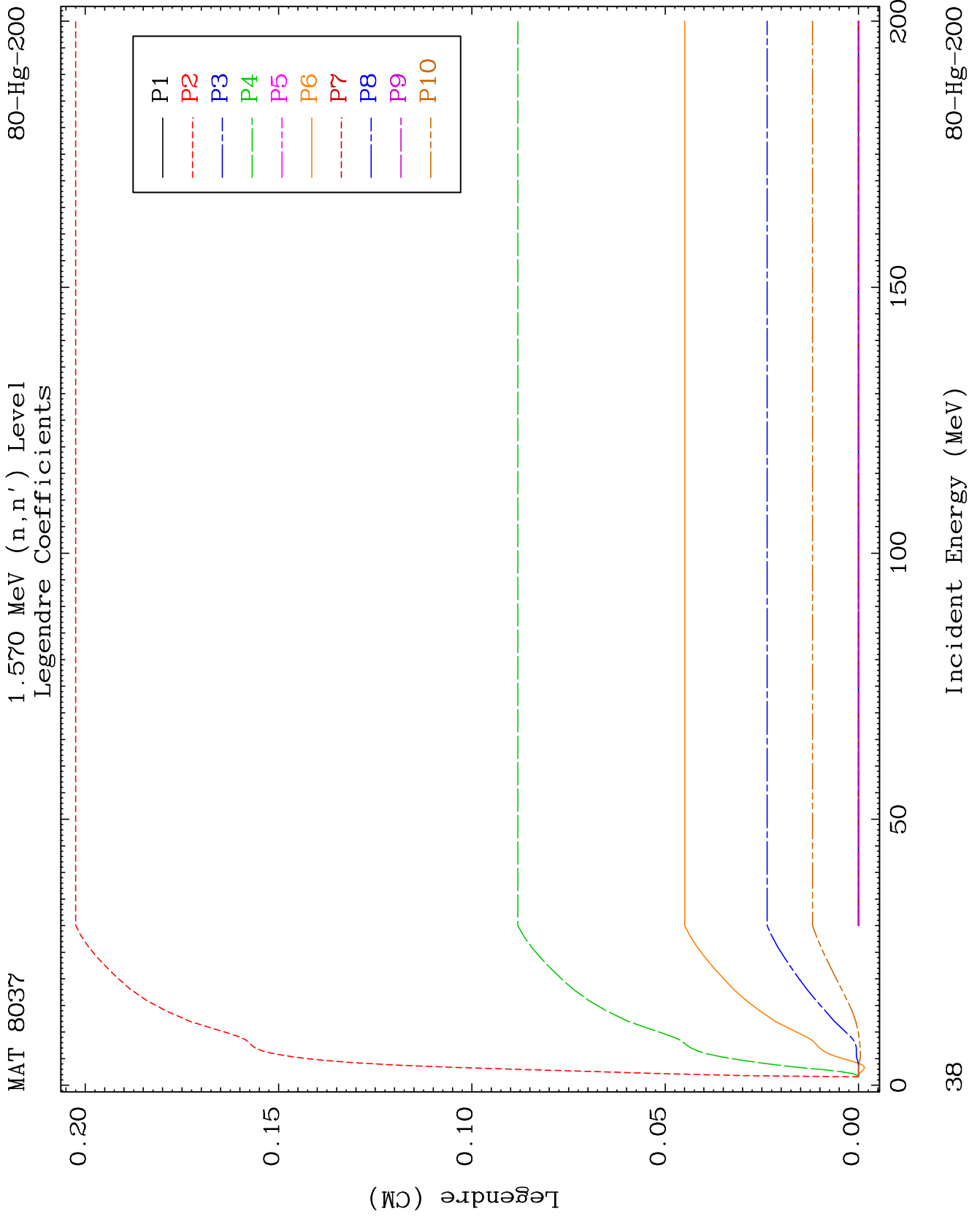


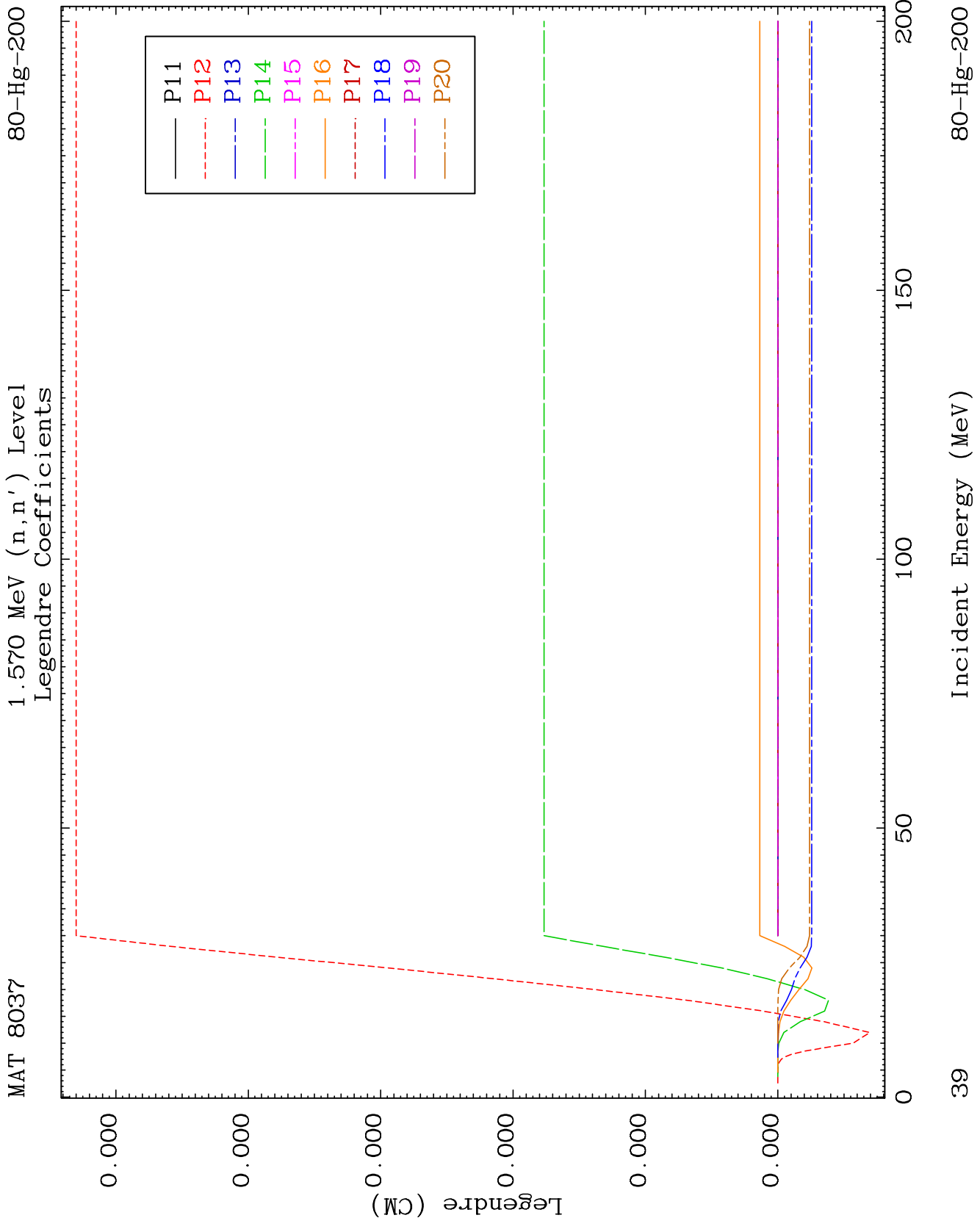
36

Incident Energy (MeV)

80-Hg-200







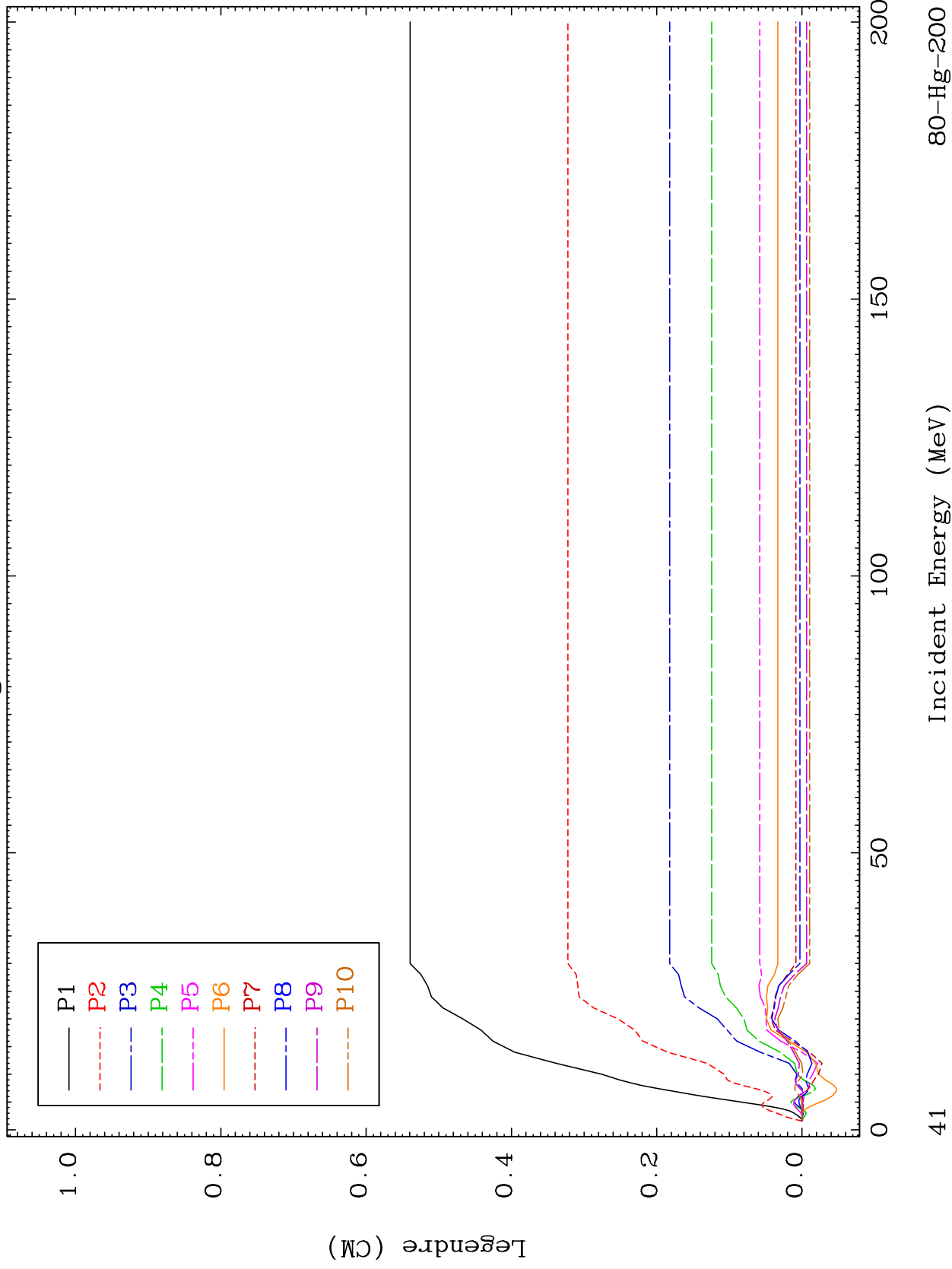




MAT 8037

1.574 MeV (n, n') Level  
Legendre Coefficients

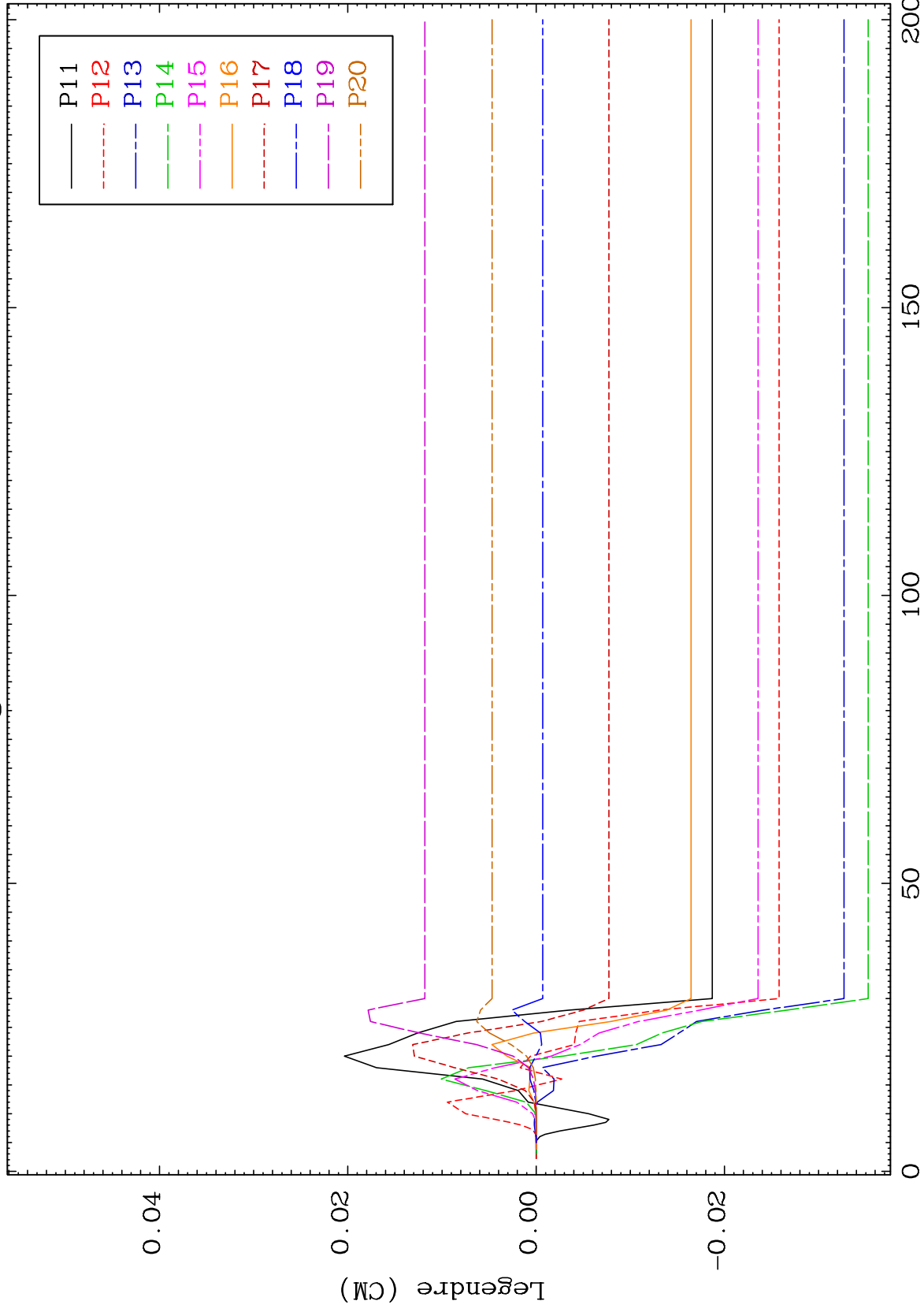
80-Hg-200



MAT 8037

1.574 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



42

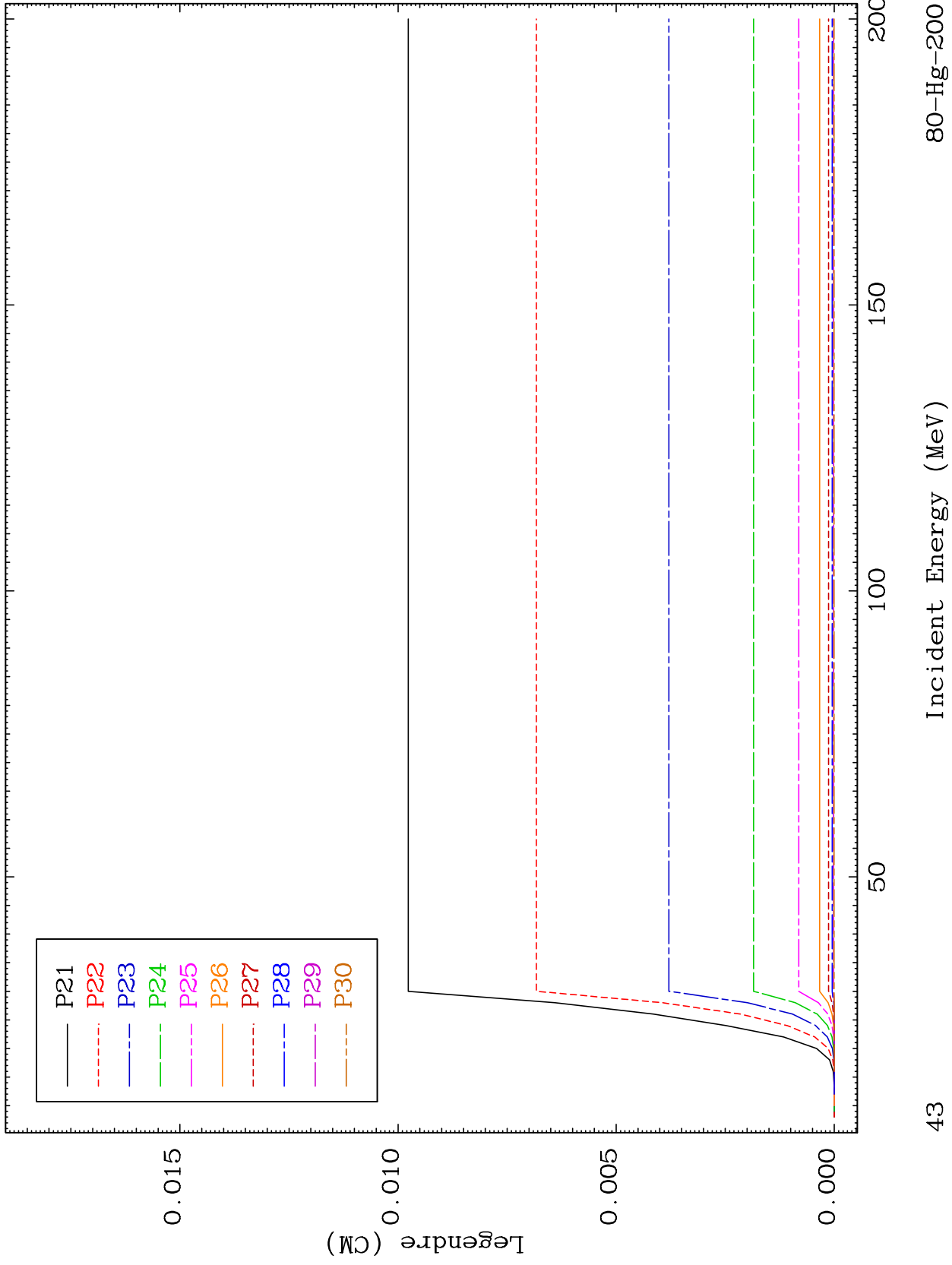
Incident Energy (MeV)

80-Hg-200

MAT 8037

1.574 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



43

Incident Energy (MeV)

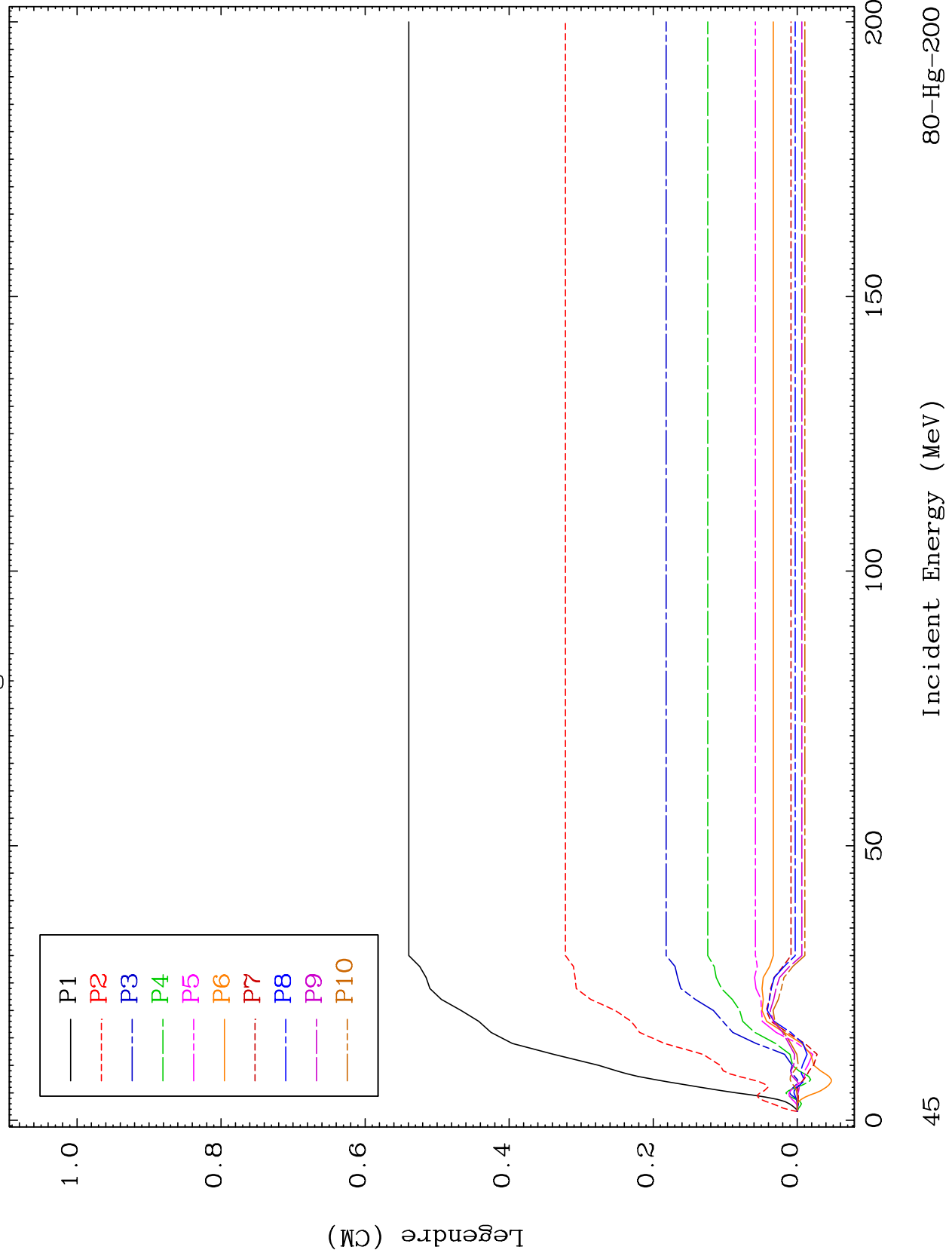
80-Hg-200



MAT 8037

1.593 MeV (n, n') Level  
Legendre Coefficients

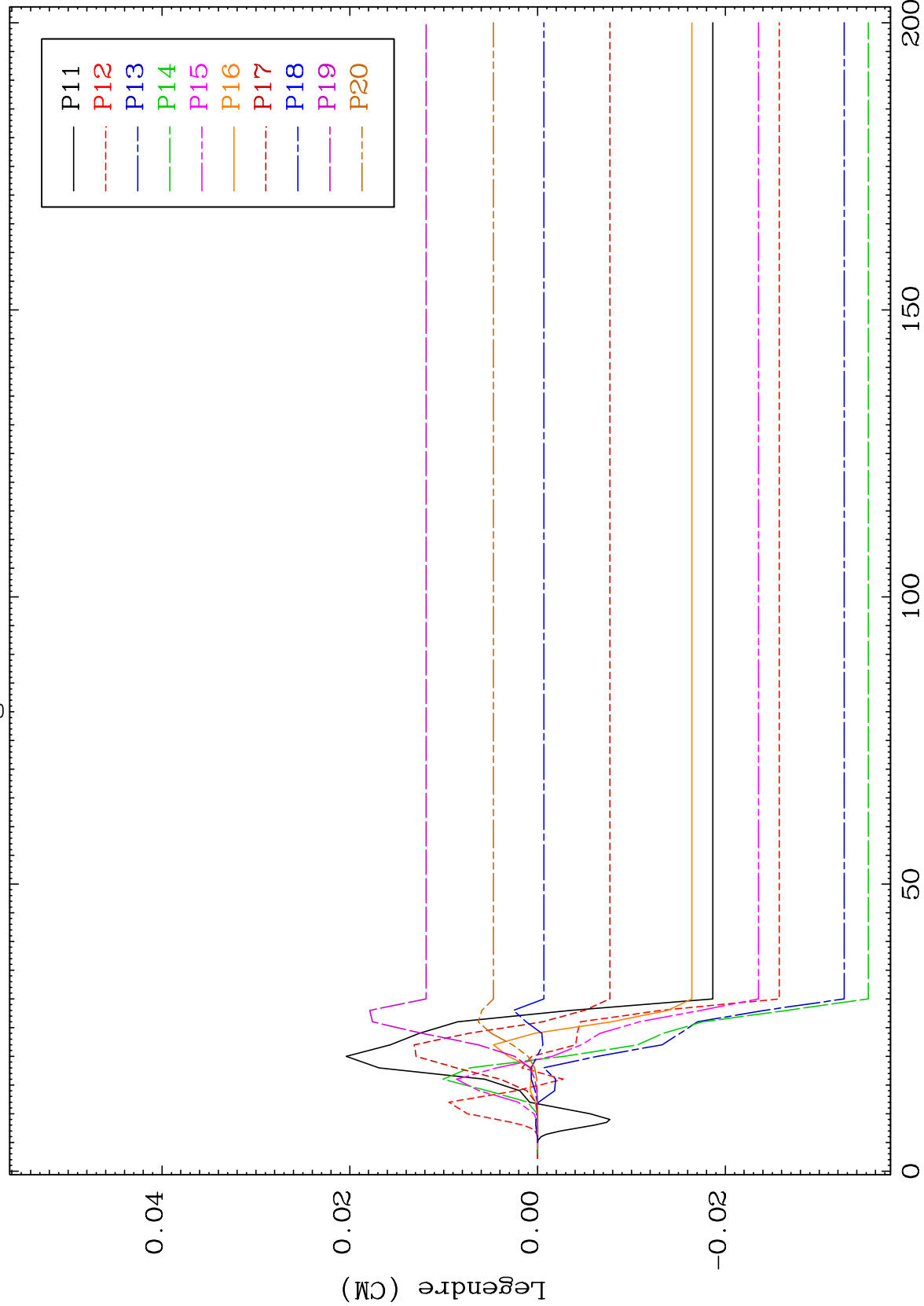
80-Hg-200



MAT 8037

1.593 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



46

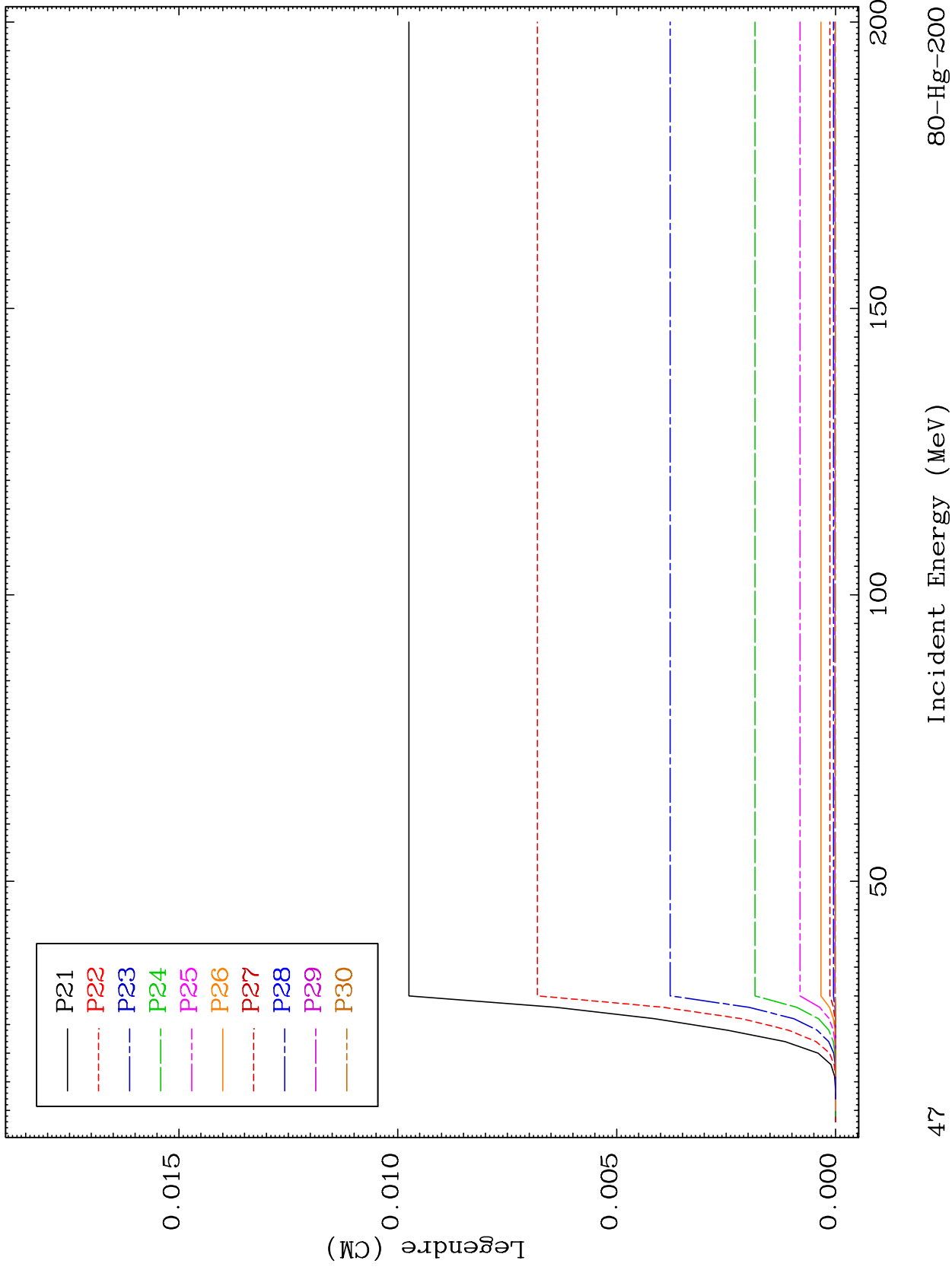
Incident Energy (MeV)

80-Hg-200

MAT 8037

1.593 MeV (n,n') Level  
Legendre Coefficients

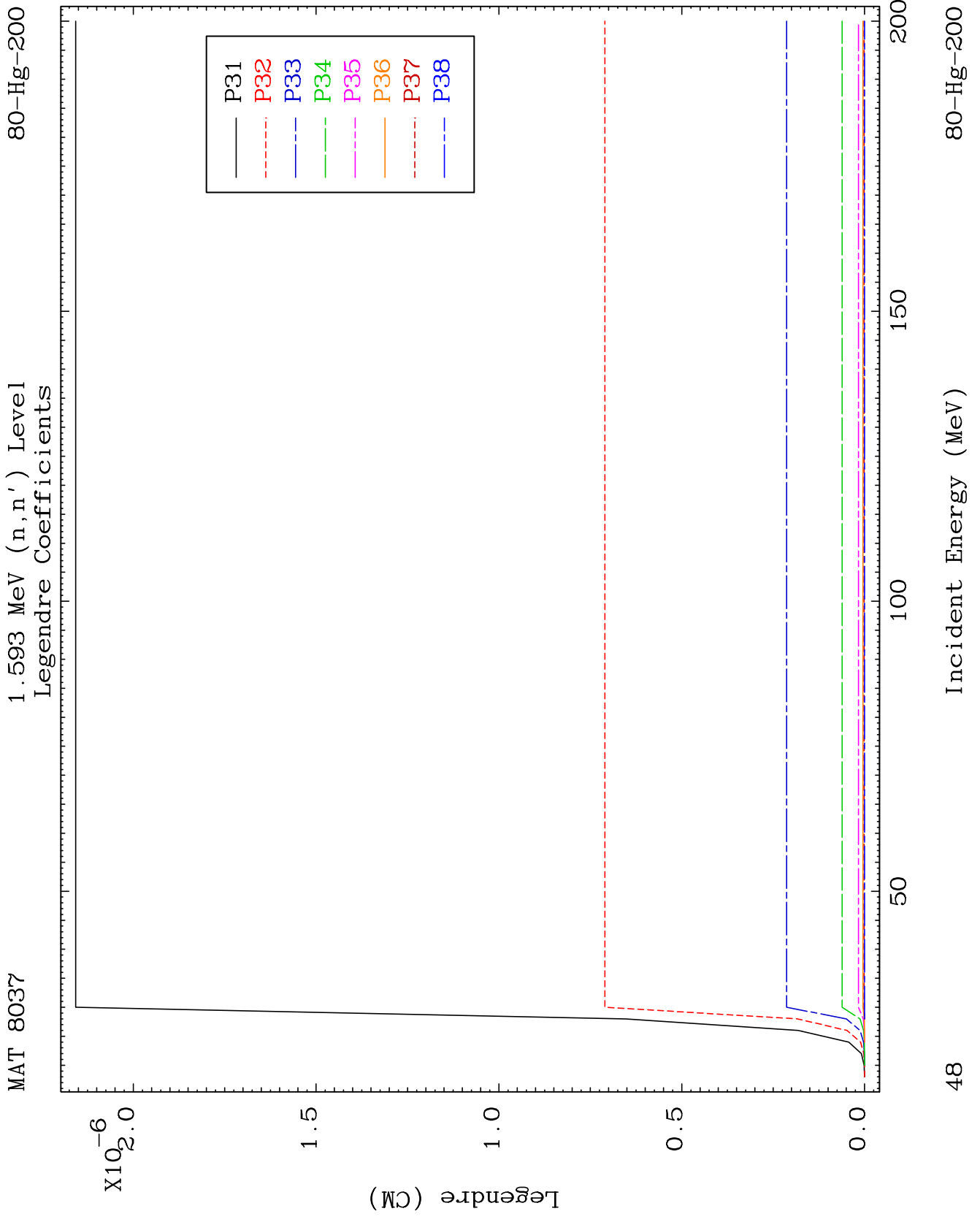
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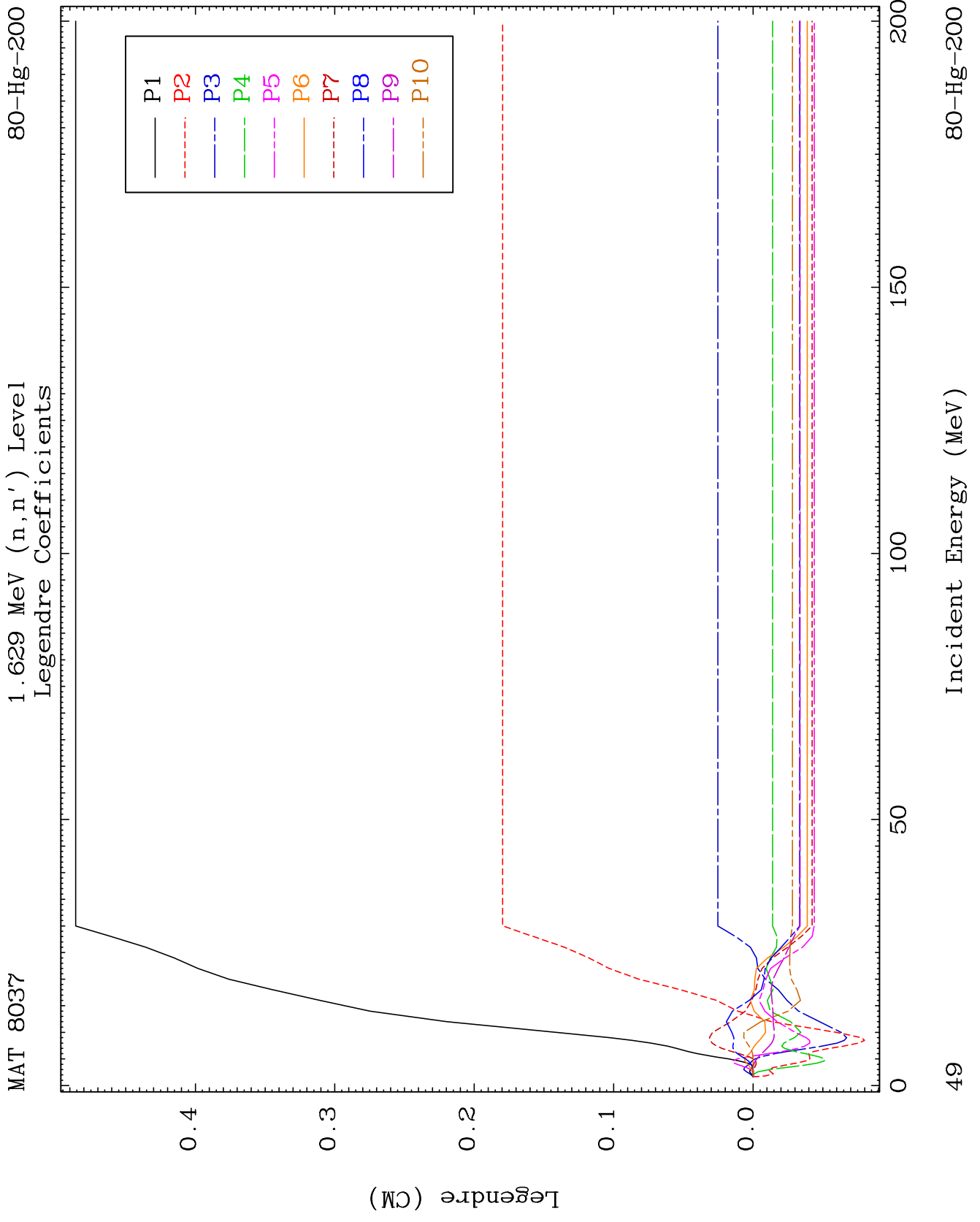


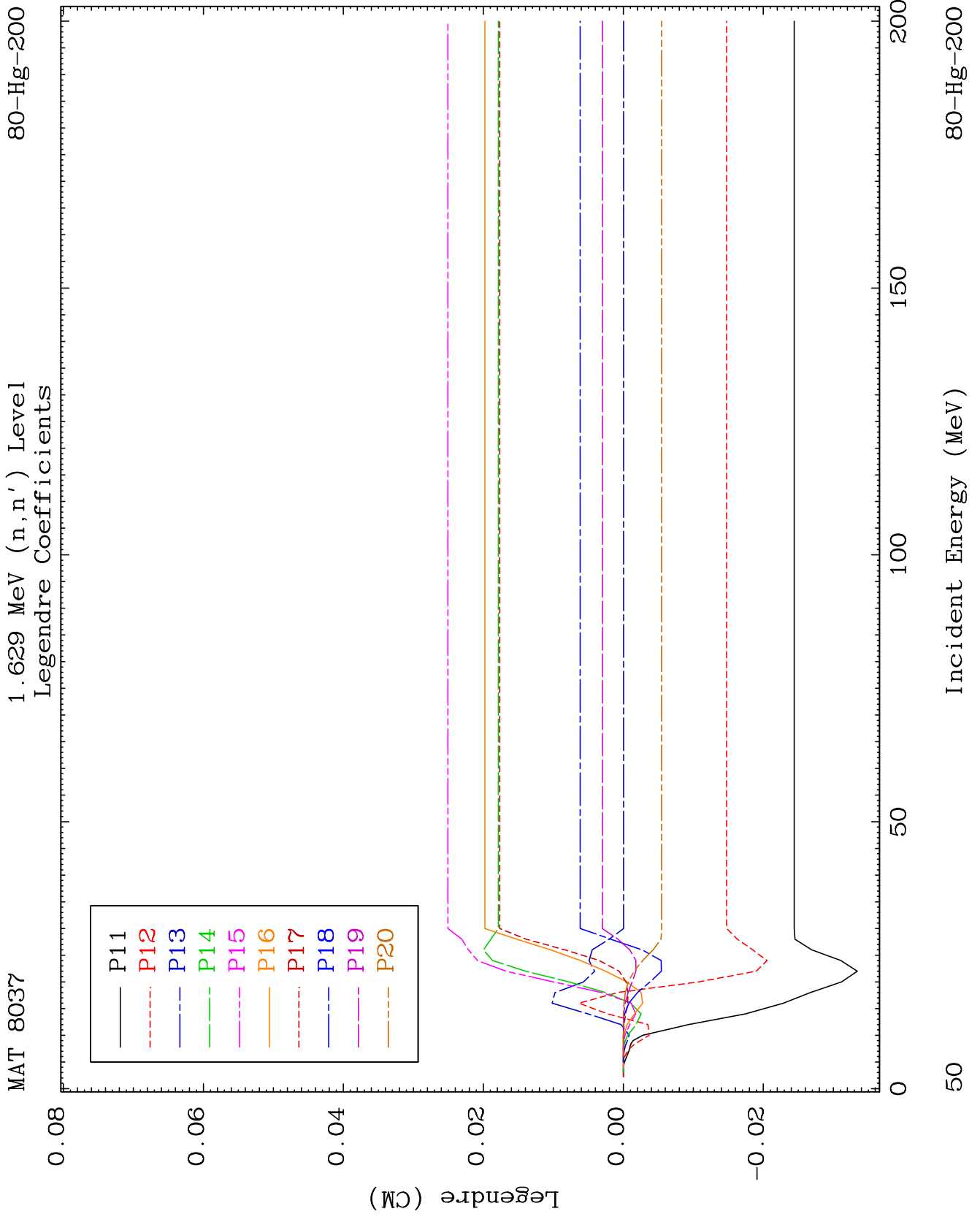
47

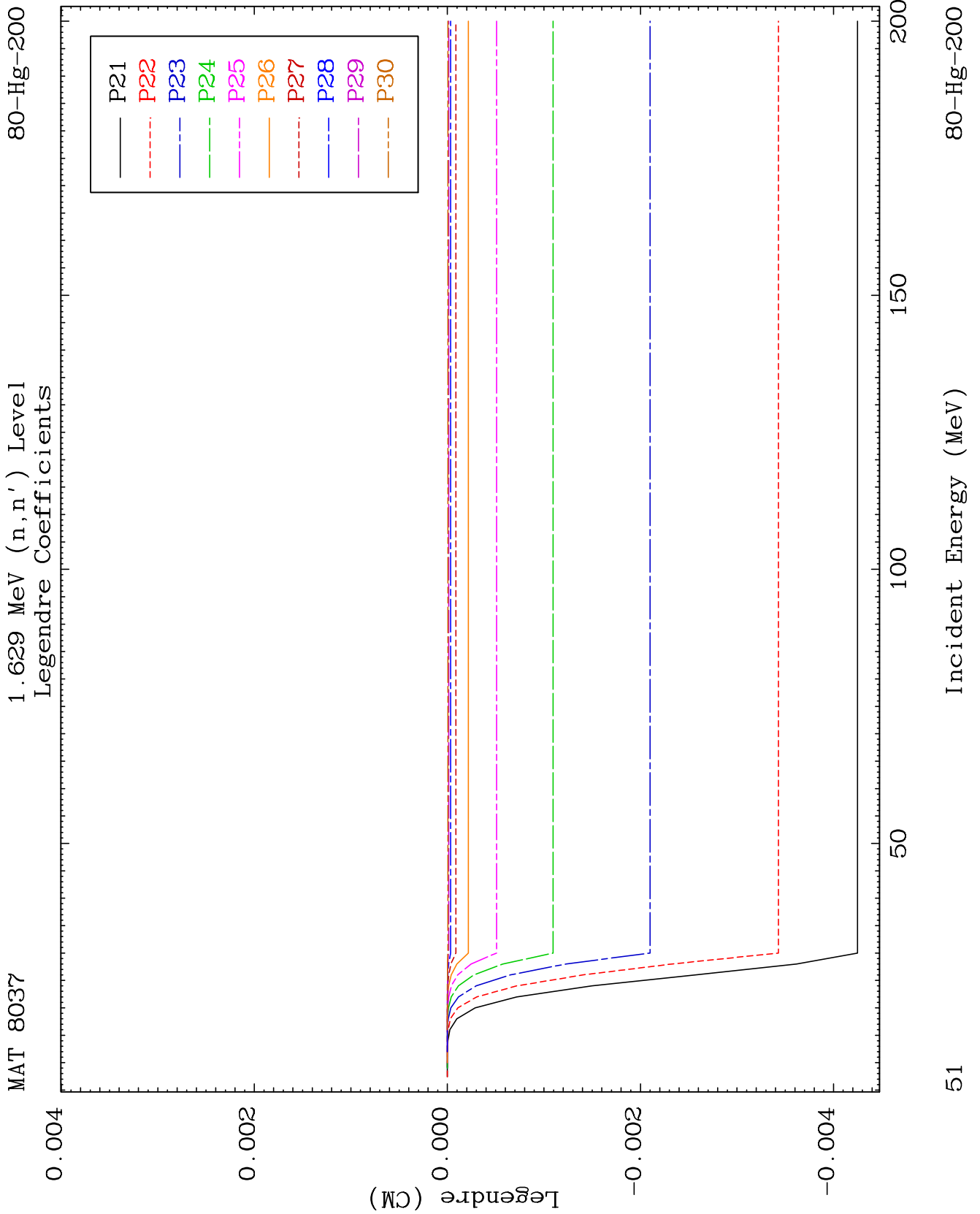
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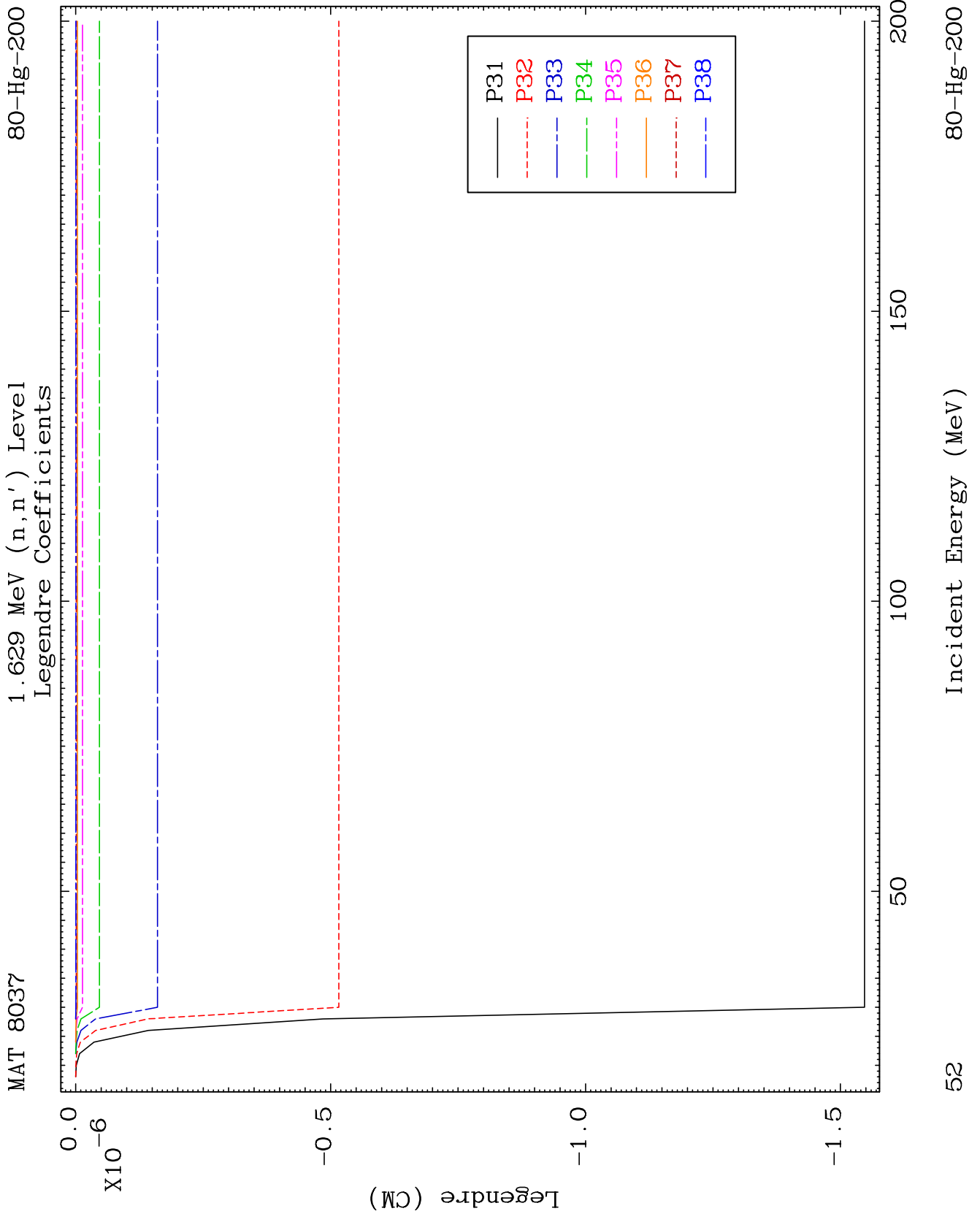


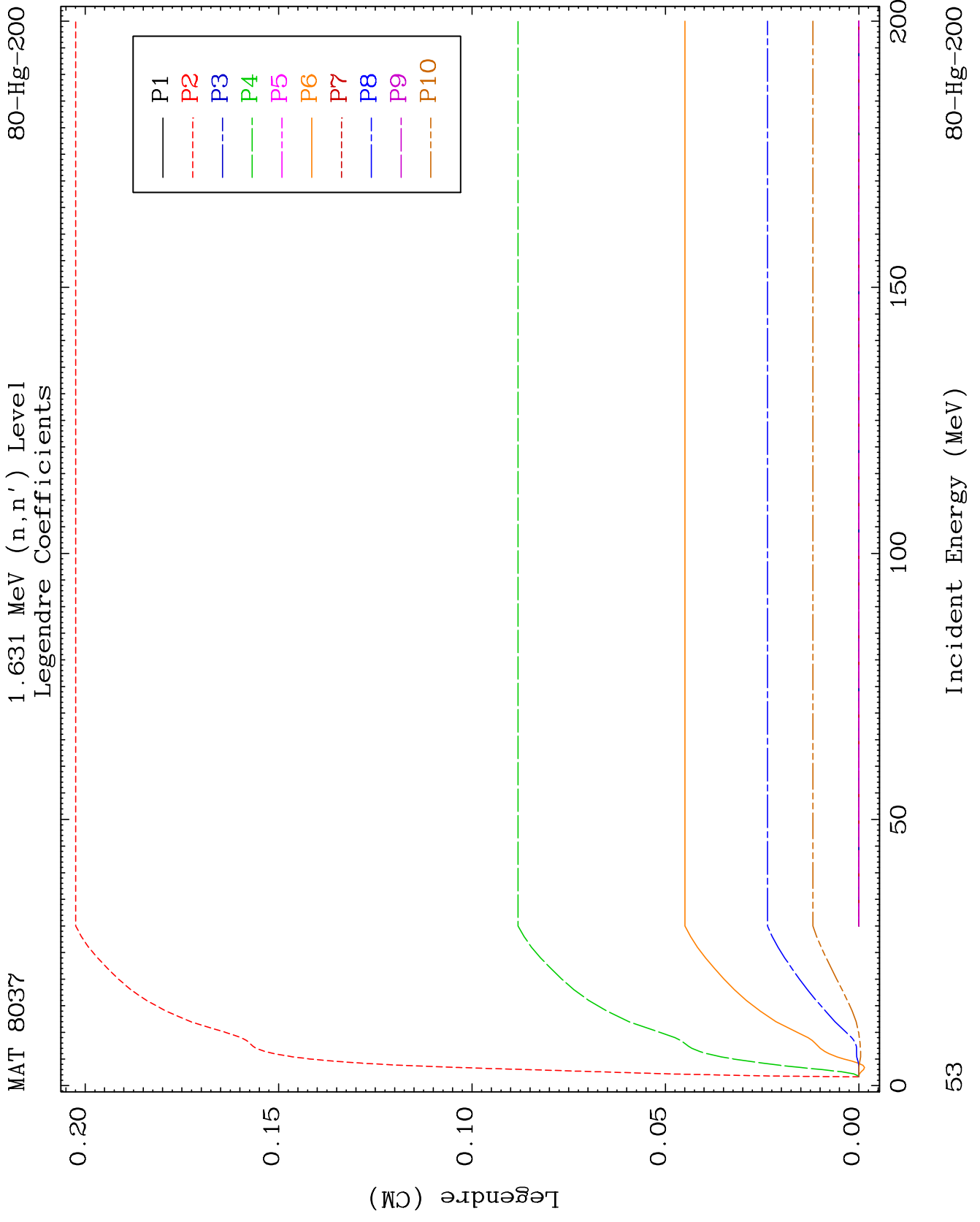


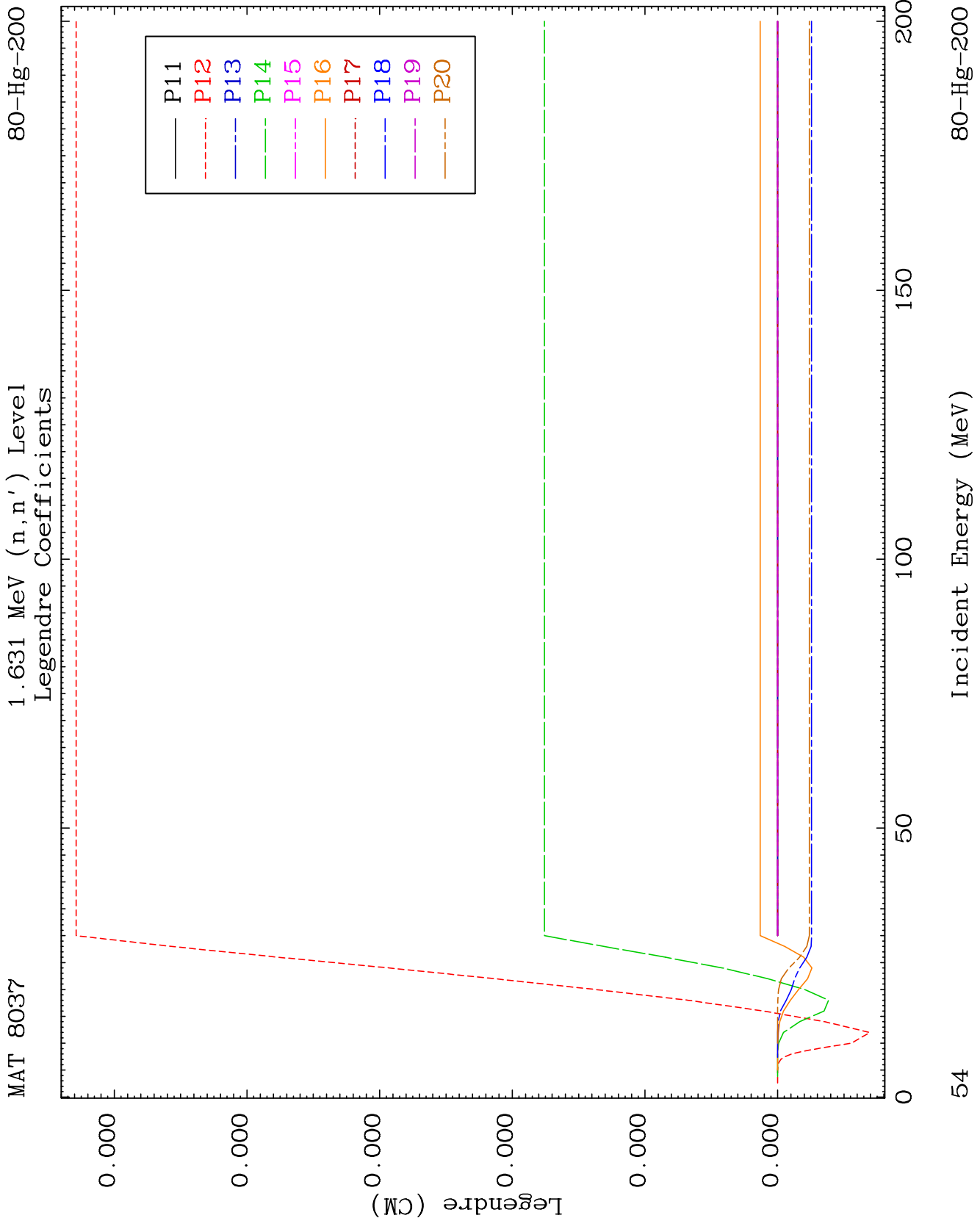


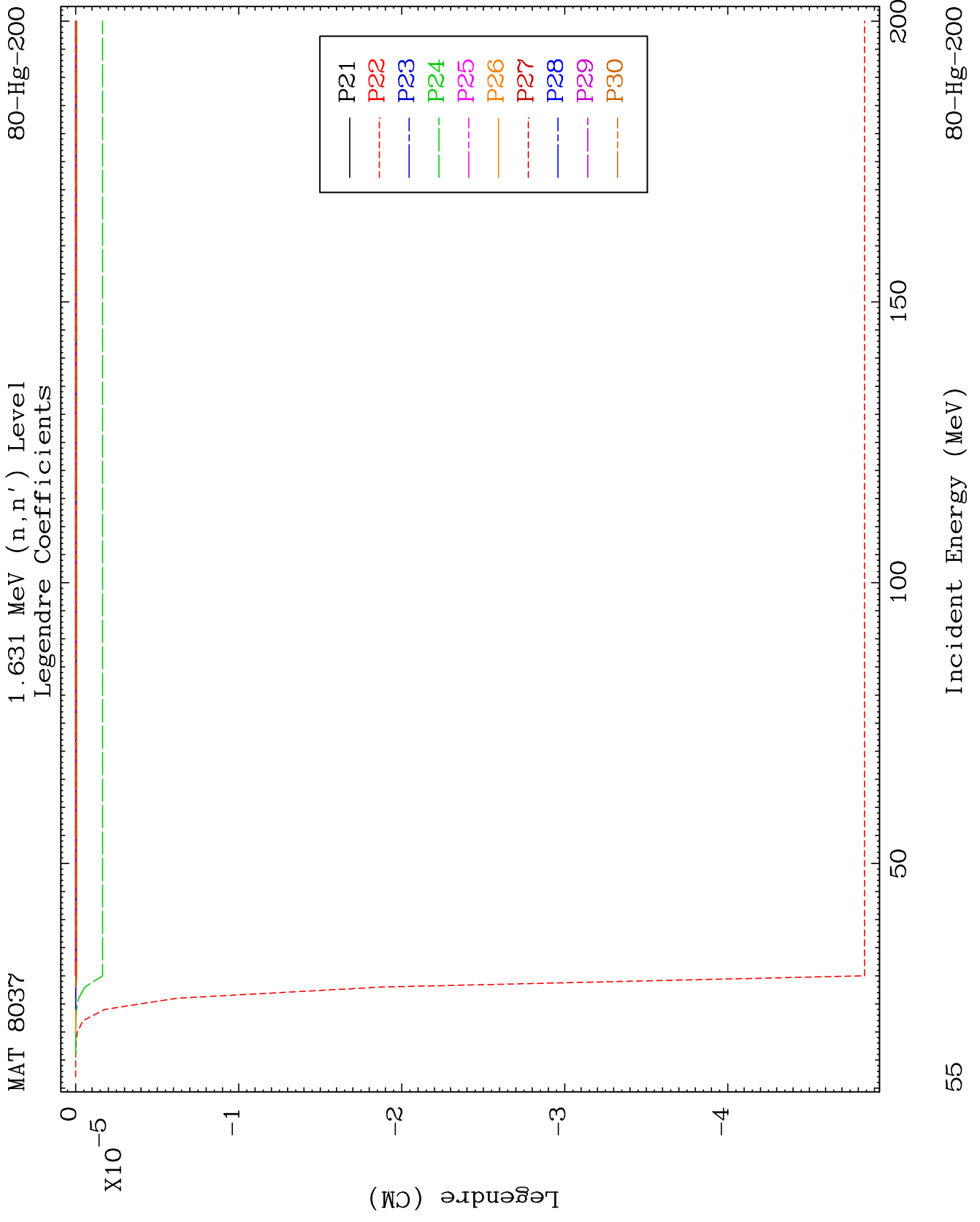












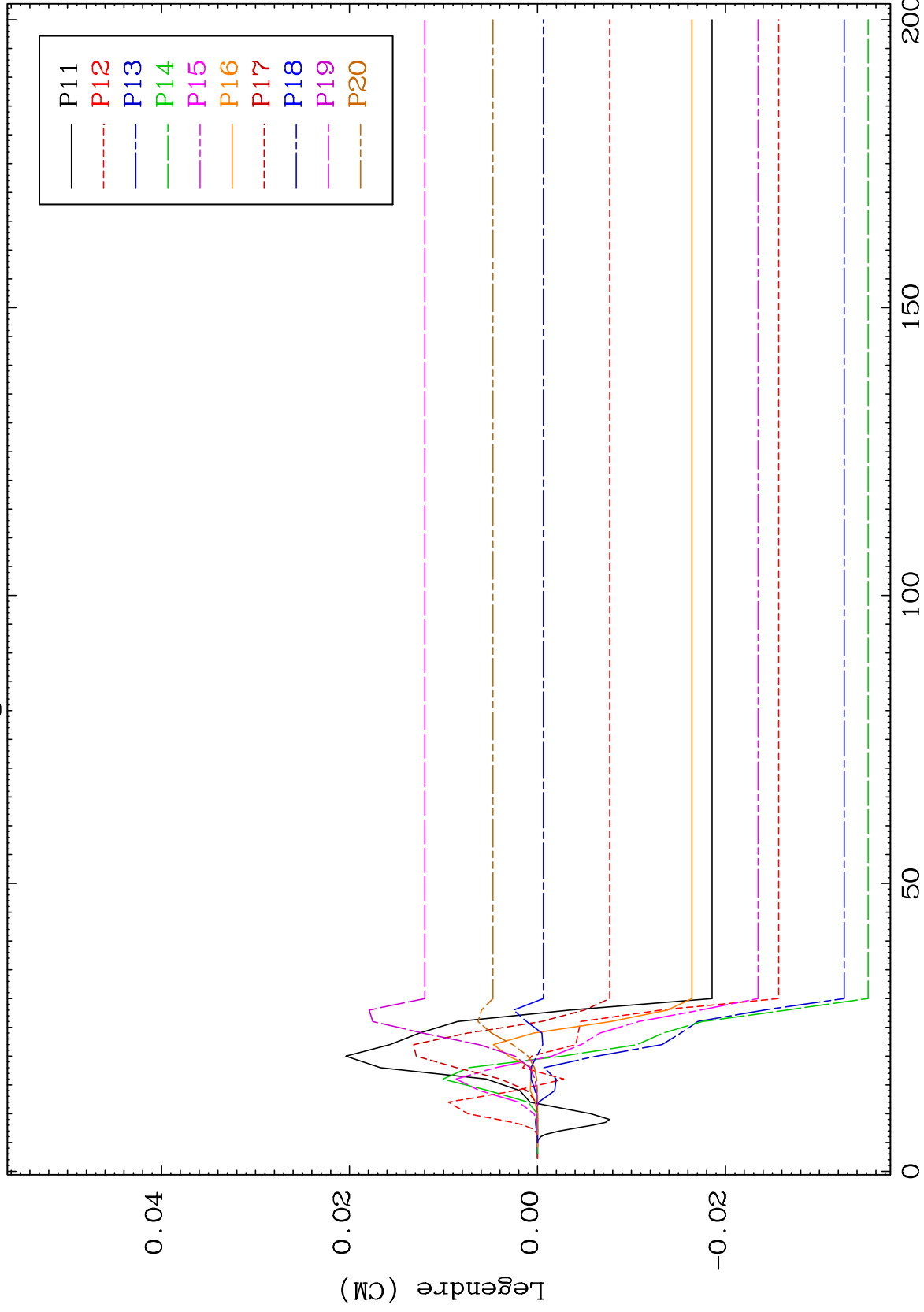




MAT 8037

1.641 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



57

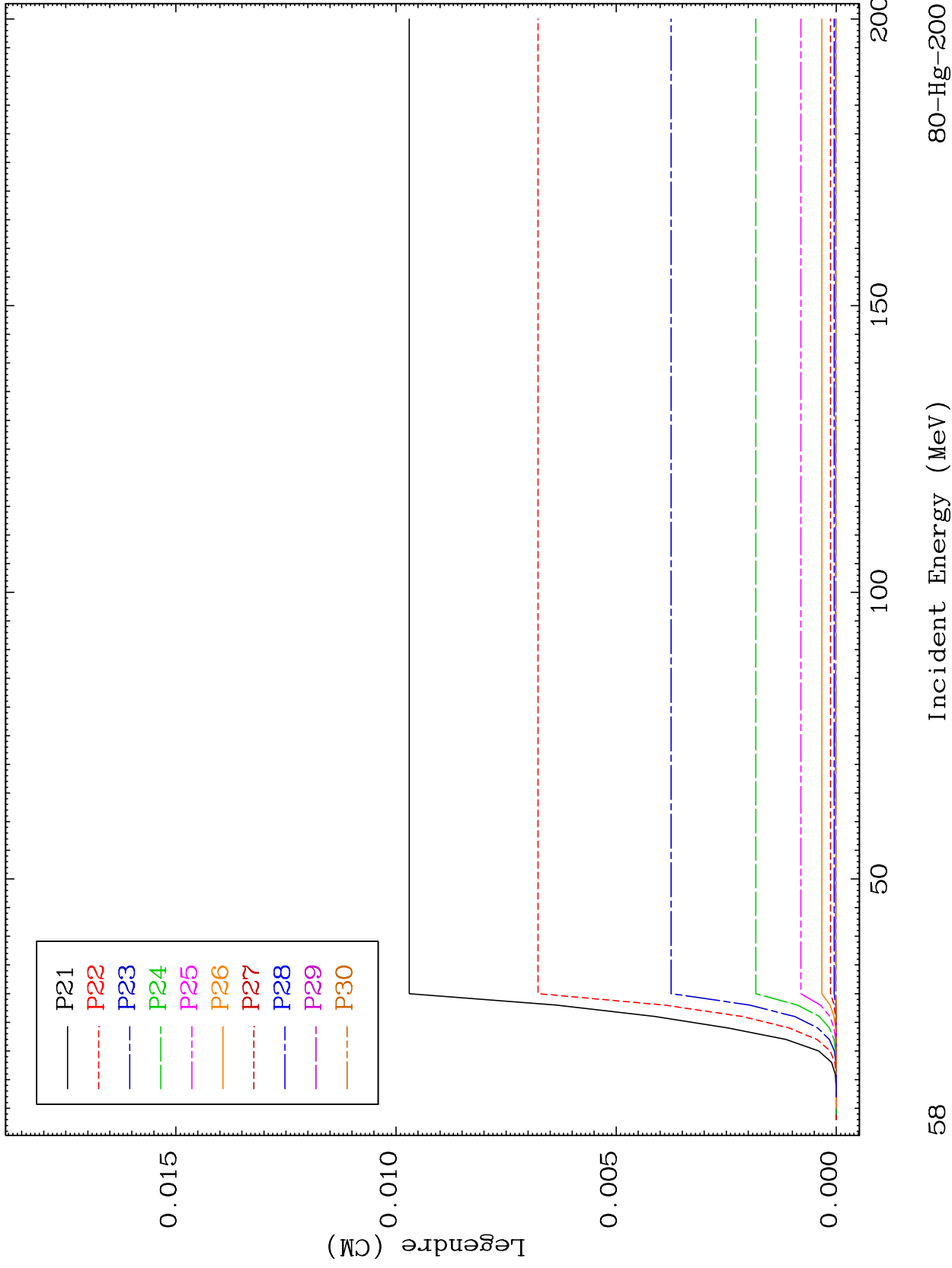
Incident Energy (MeV)

80-Hg-200

MAT 8037

1.641 MeV (n,n') Level  
Legendre Coefficients

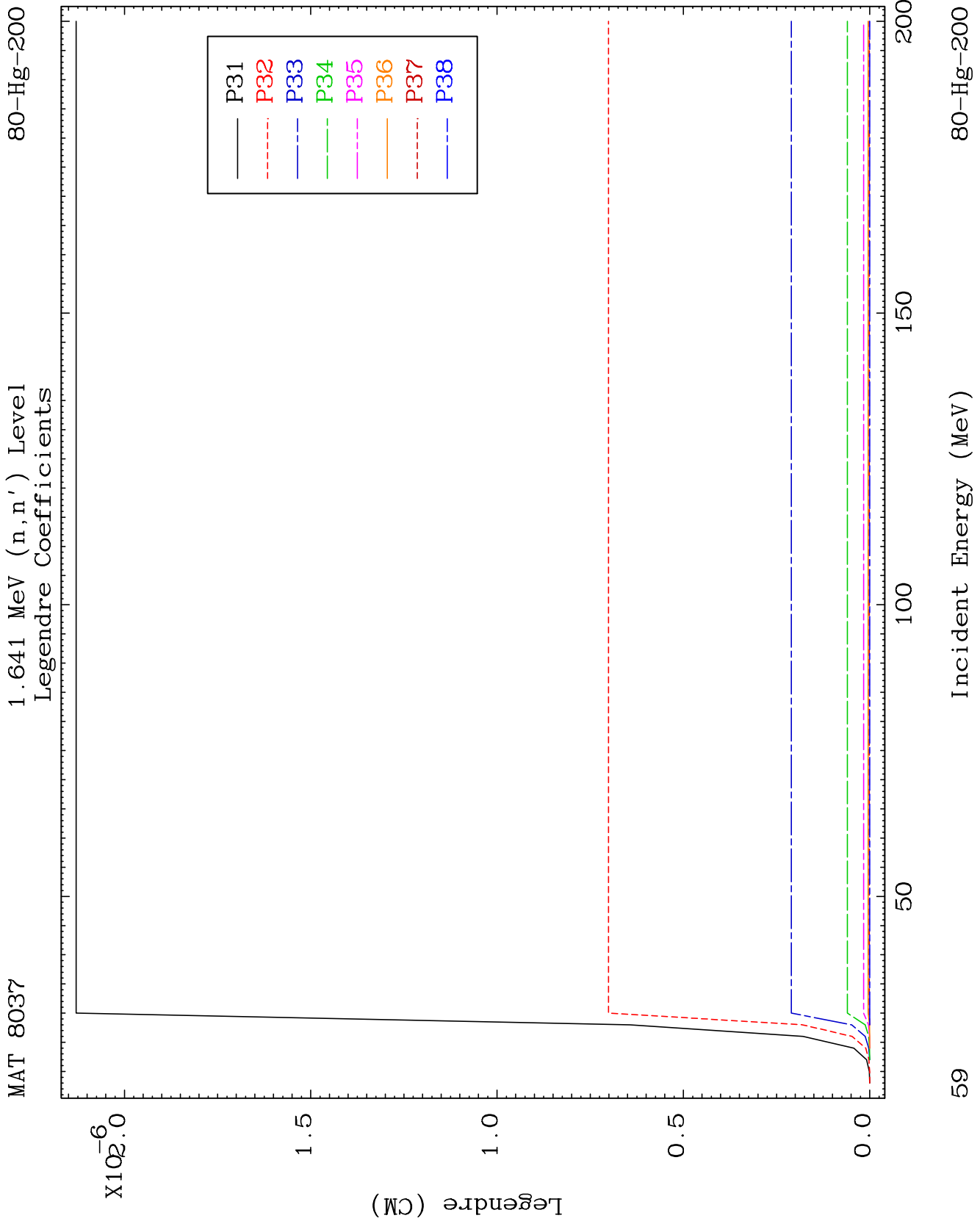
80-Hg-200



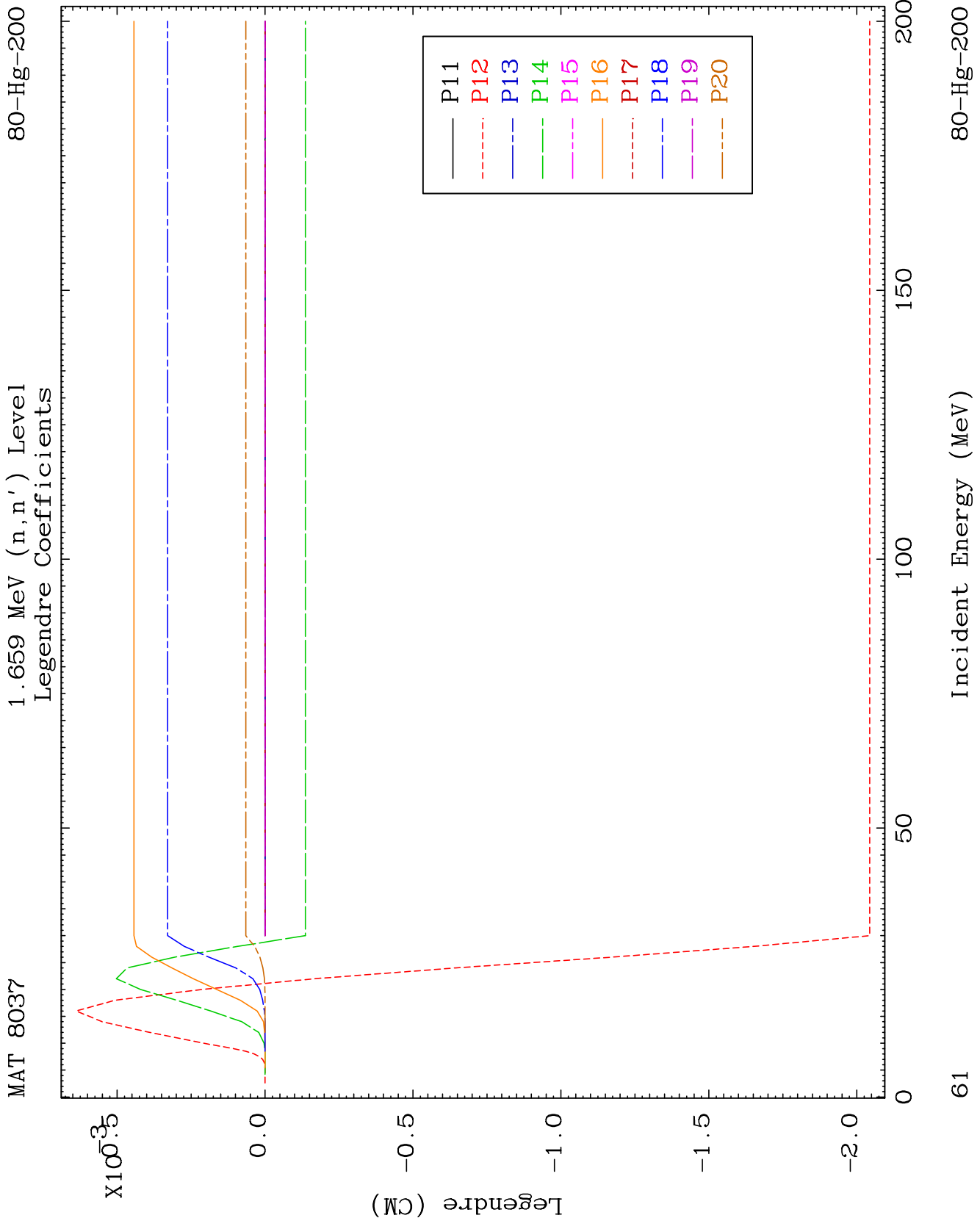
58

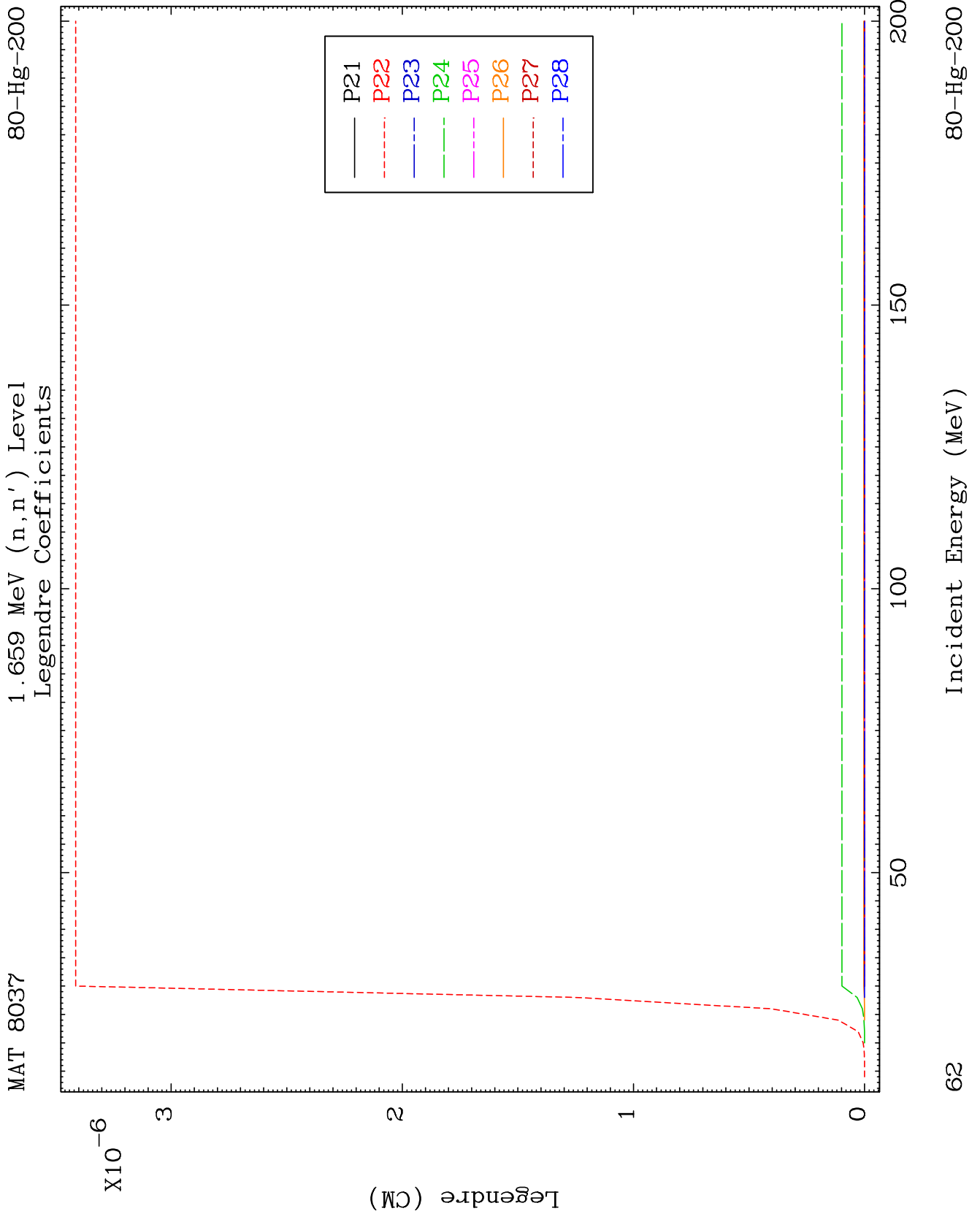
Incident Energy (MeV)

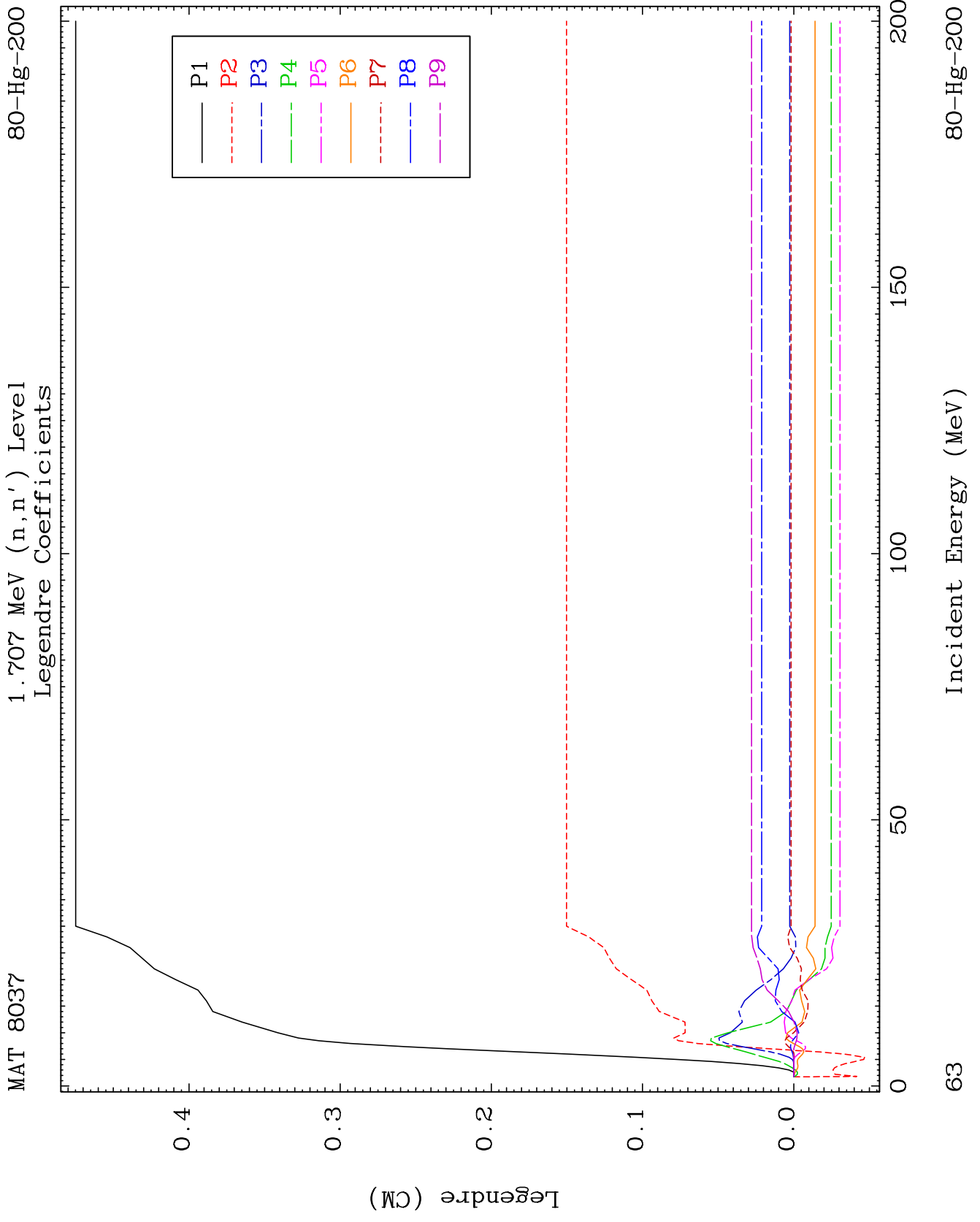
80-Hg-200



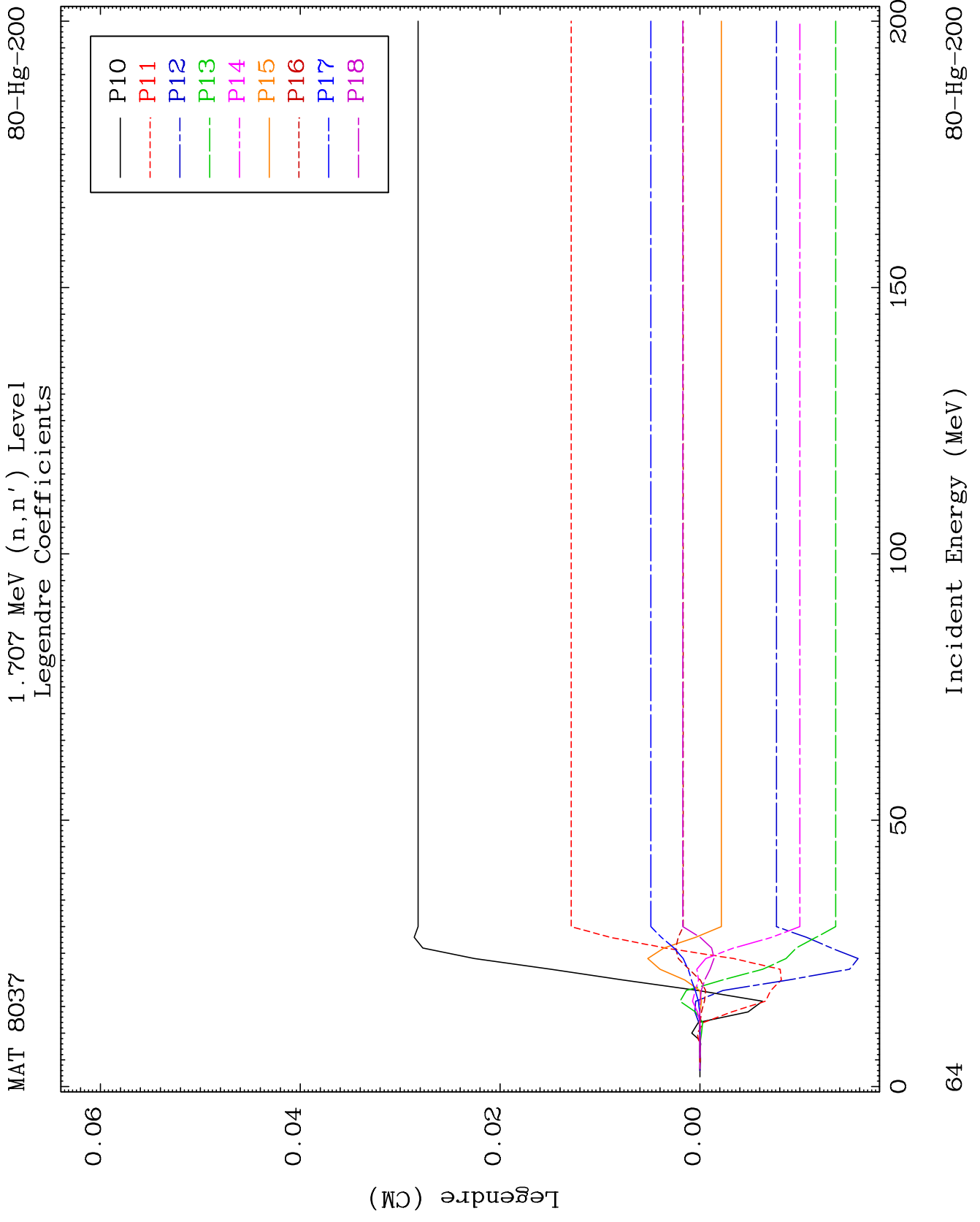


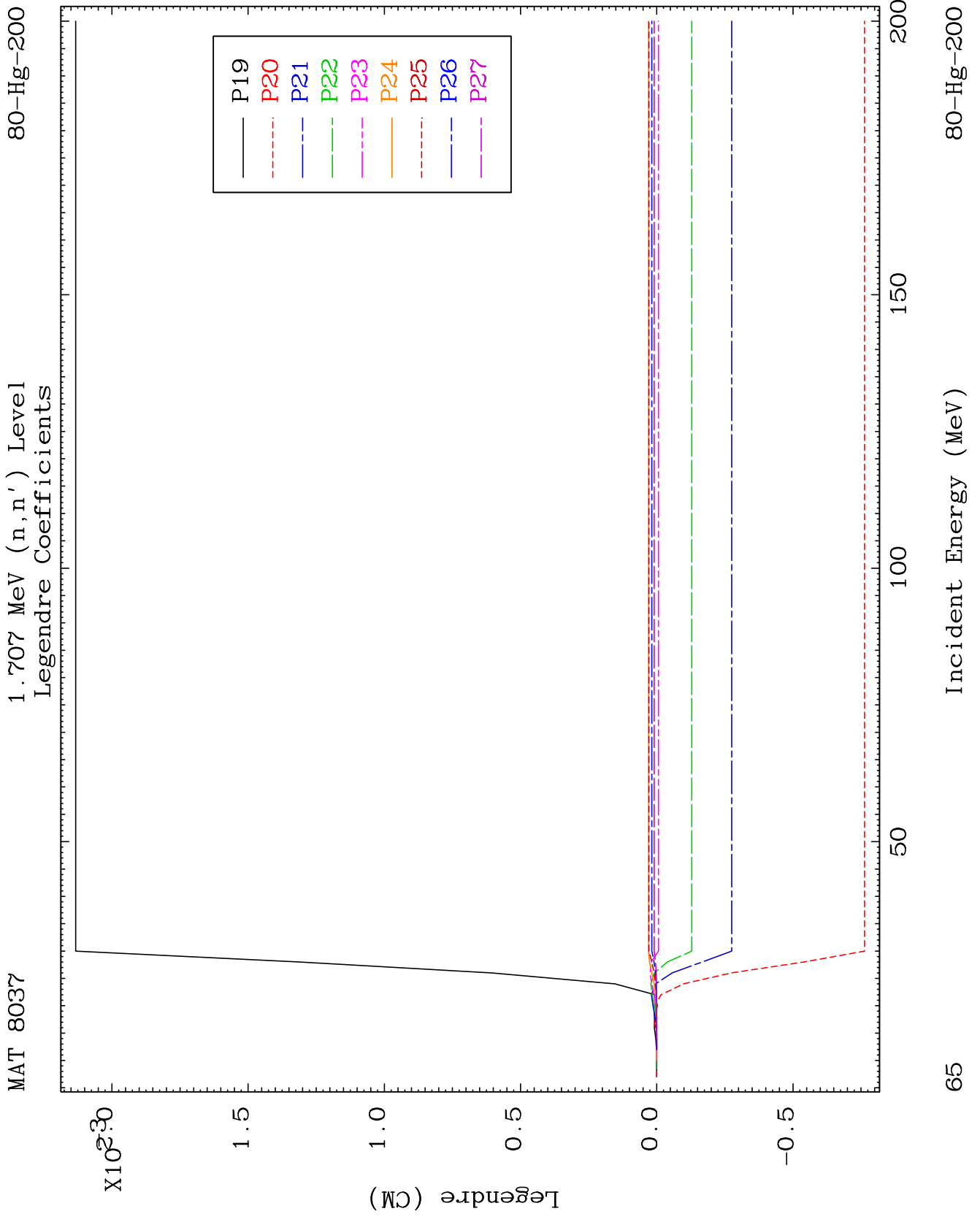


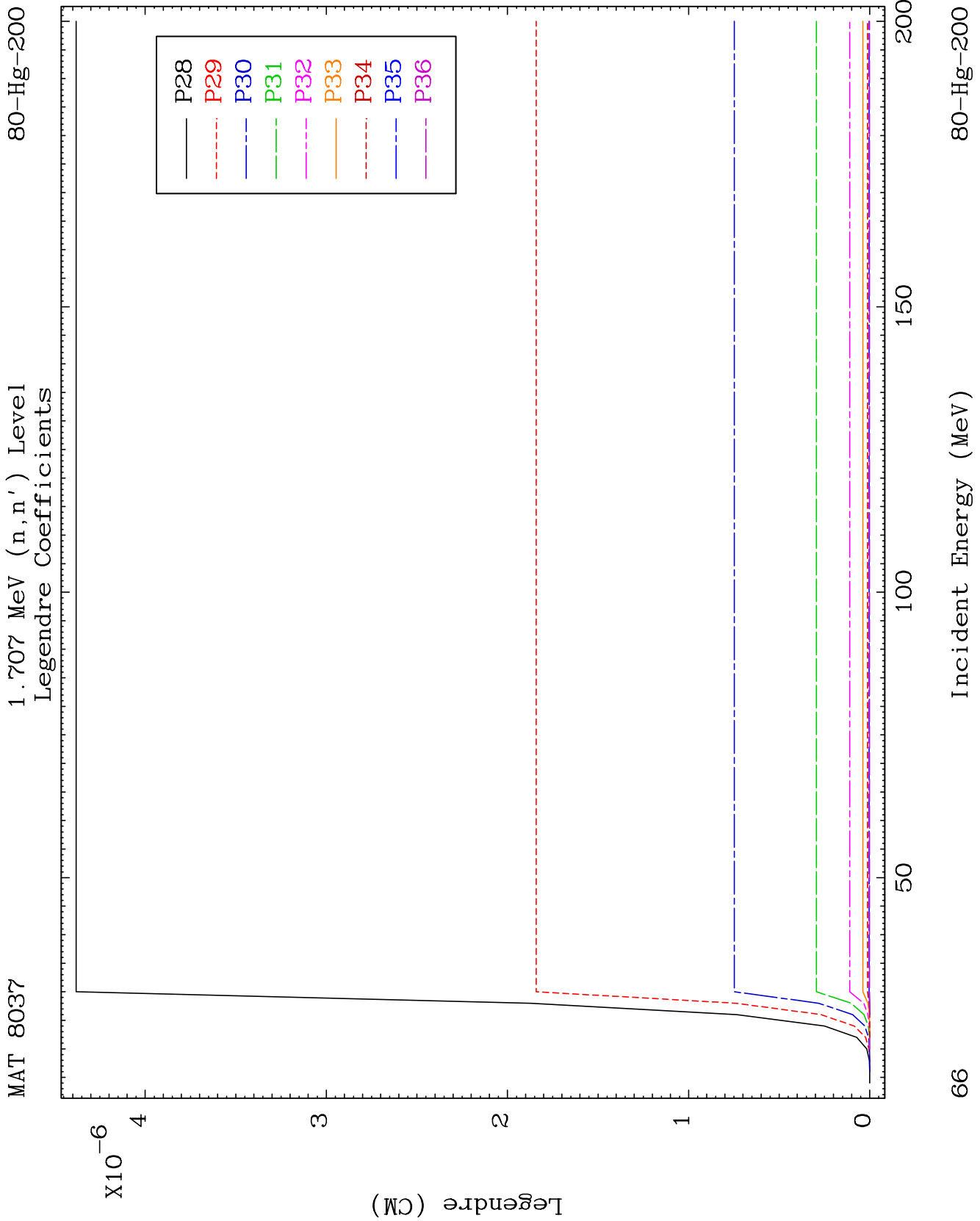




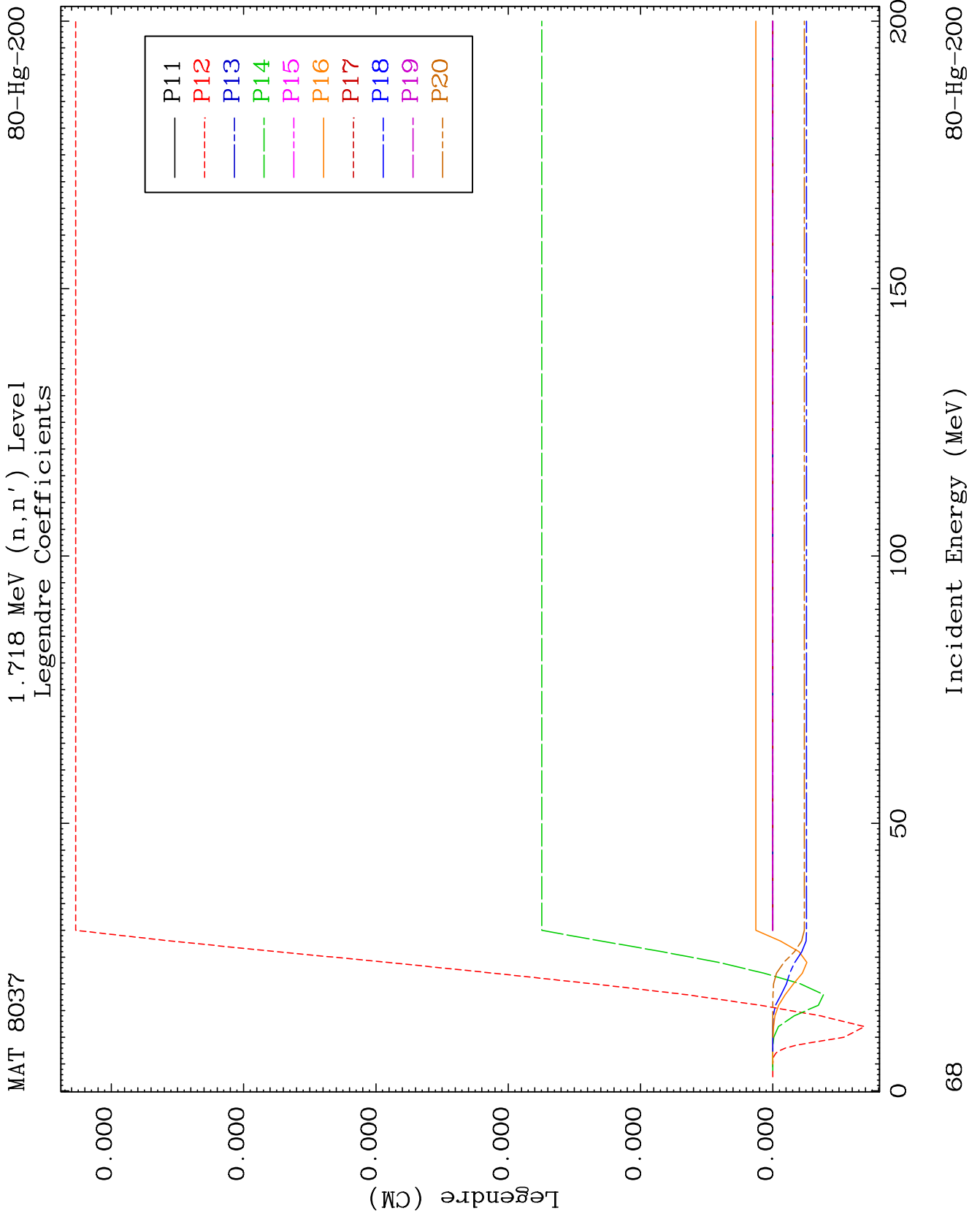


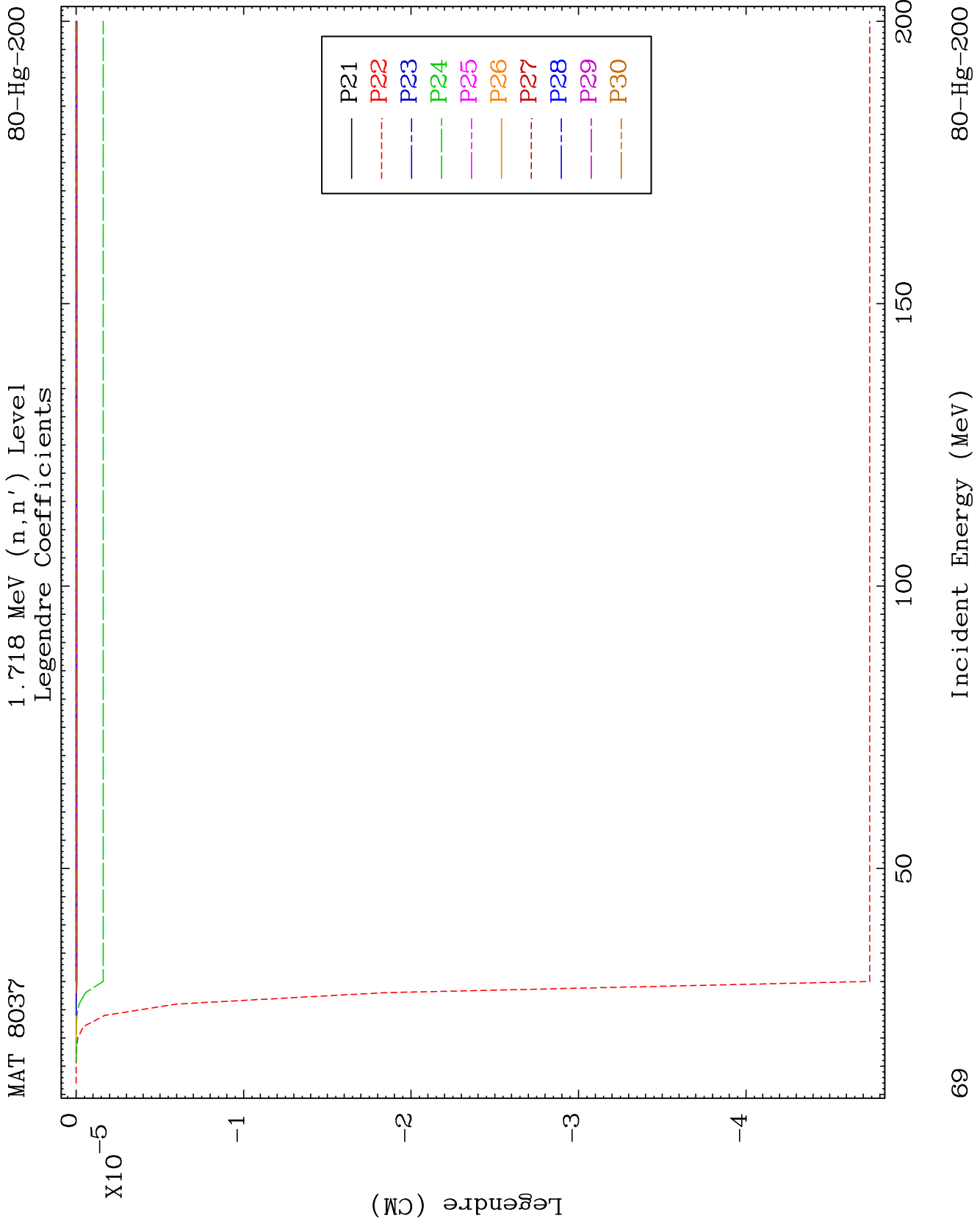








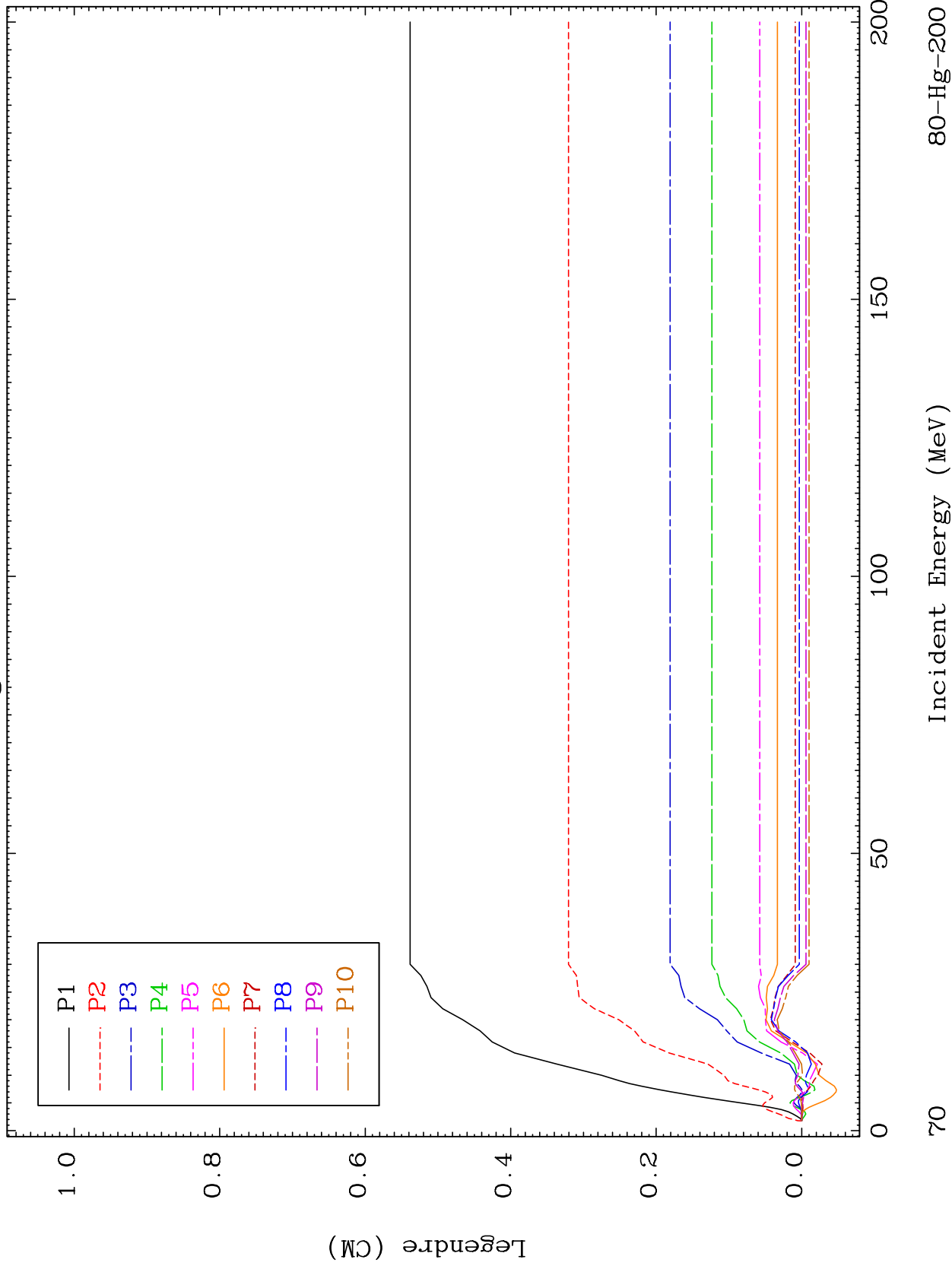




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1.731 MeV (n,n') Level  
Legendre Coefficients

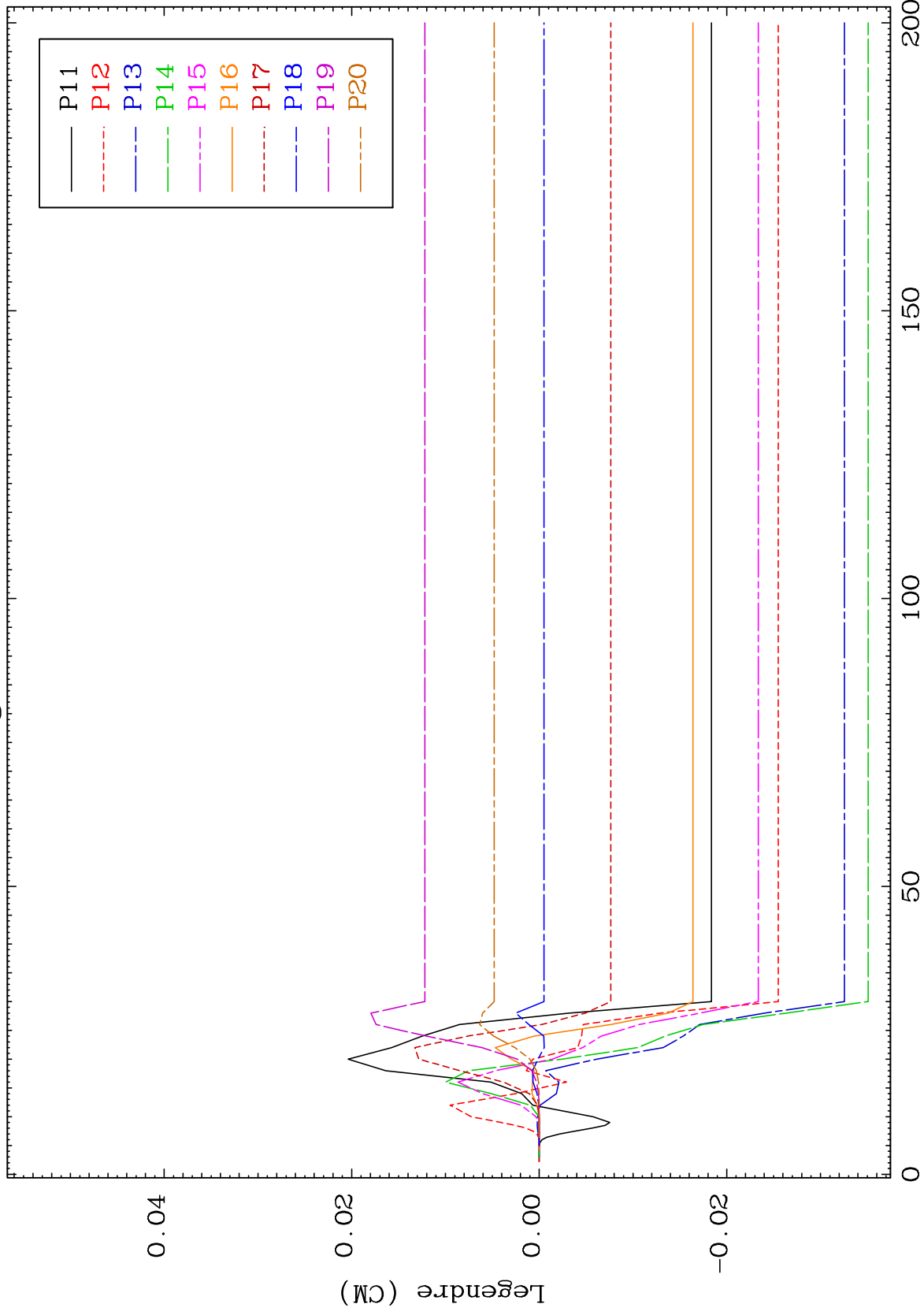
80-Hg-200



MAT 8037

1.731 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



71

Incident Energy (MeV)

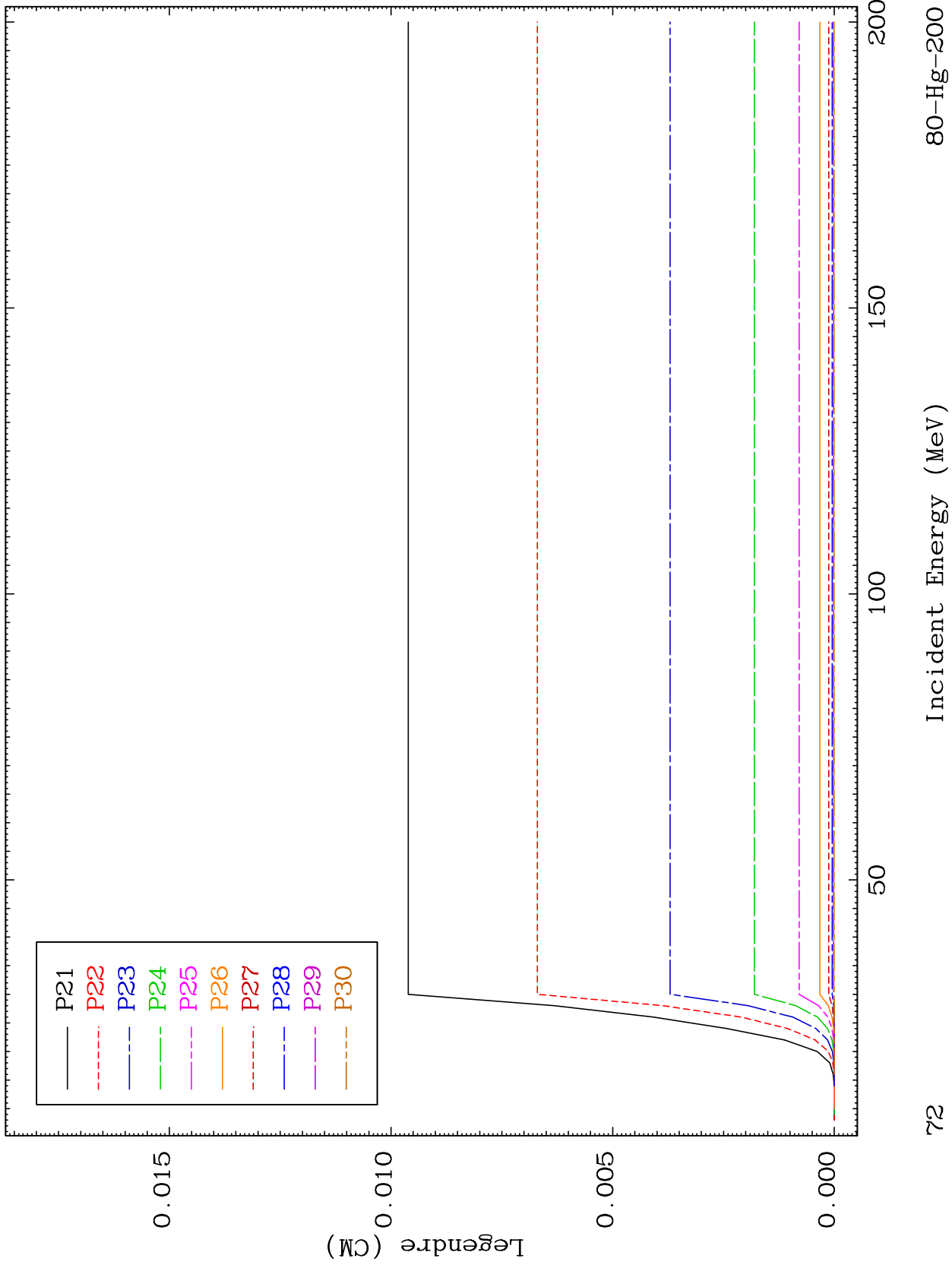
80-Hg-200



MAT 8037

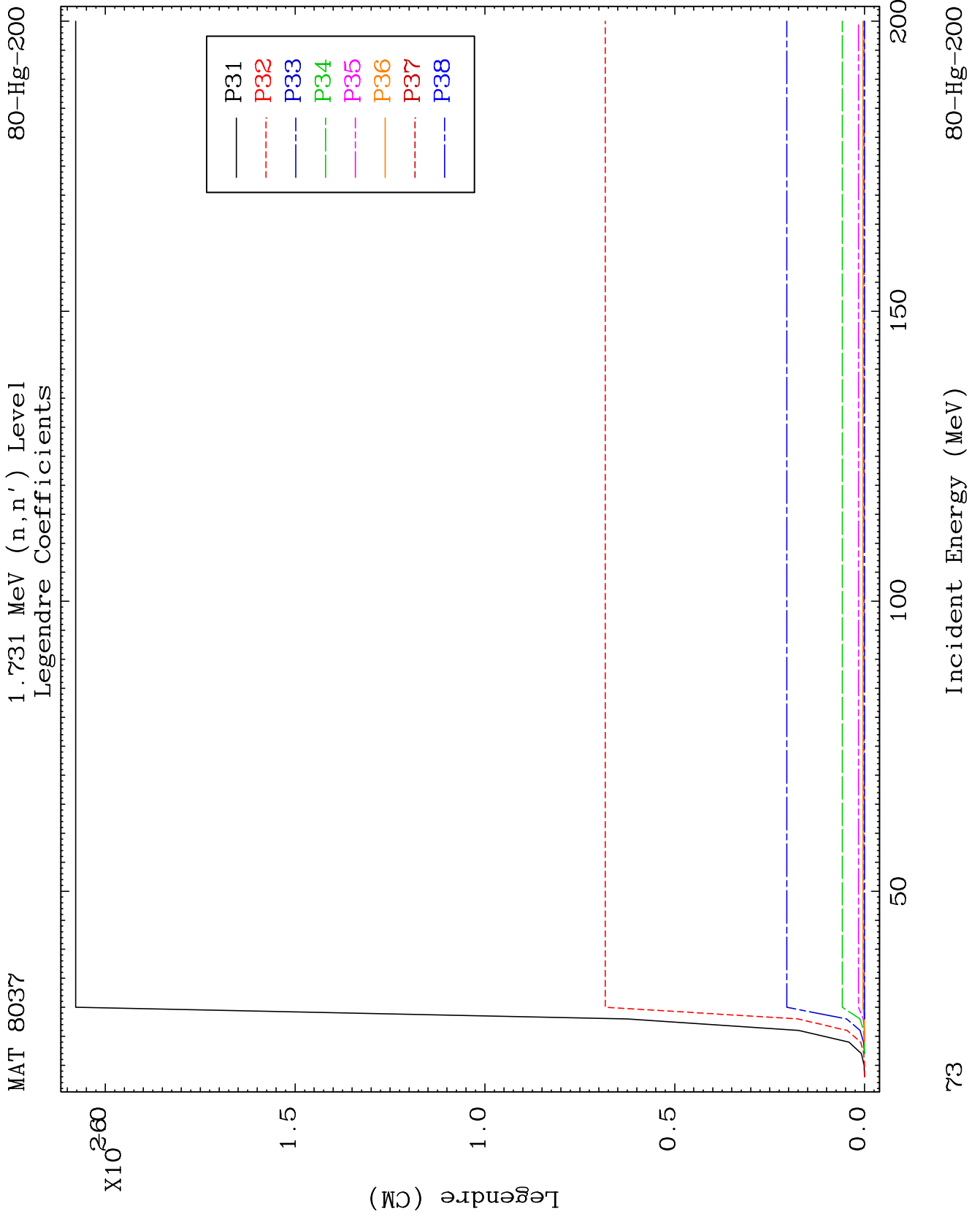
1.731 MeV (n,n') Level  
Legendre Coefficients

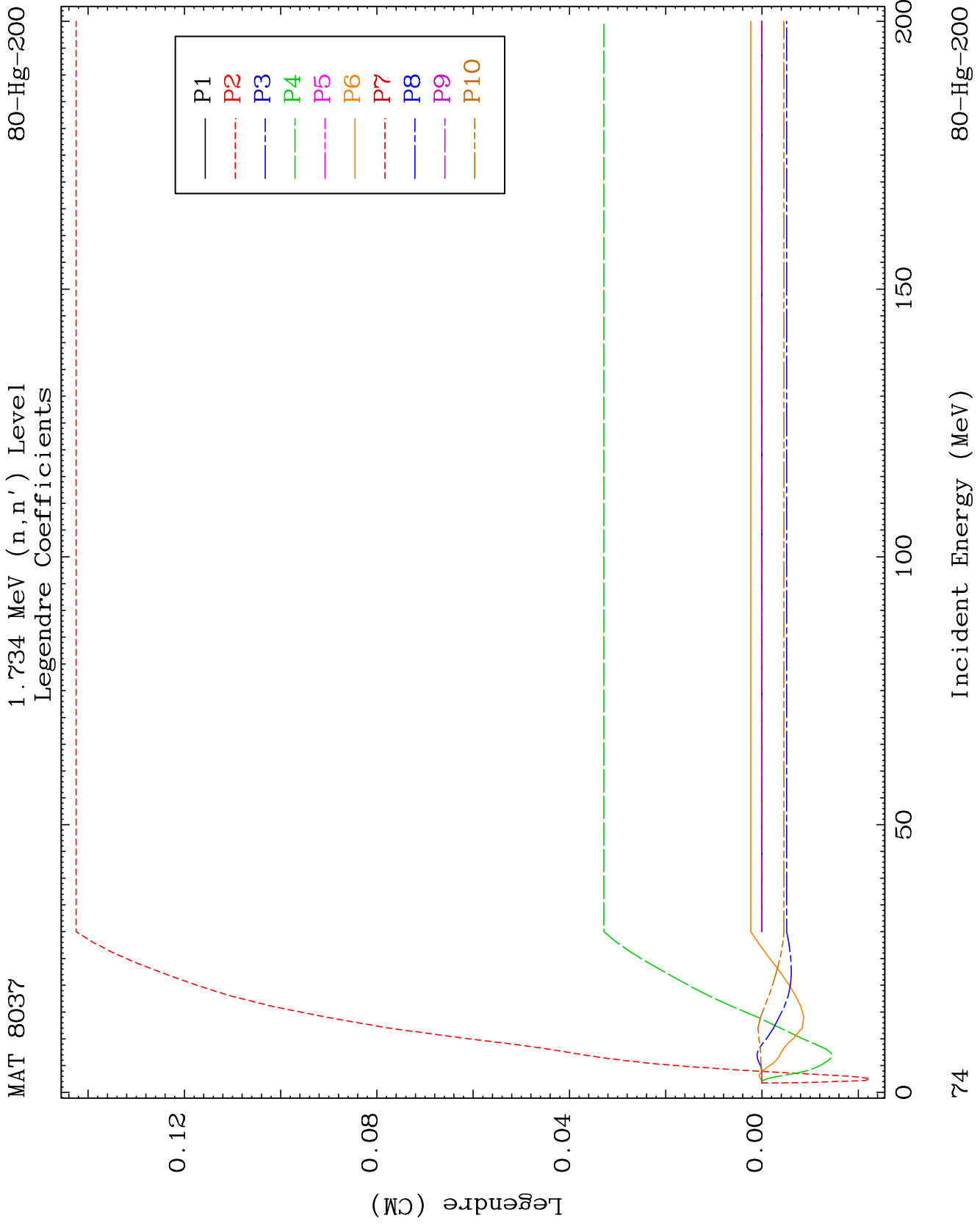
80-Hg-200



72

80-Hg-200

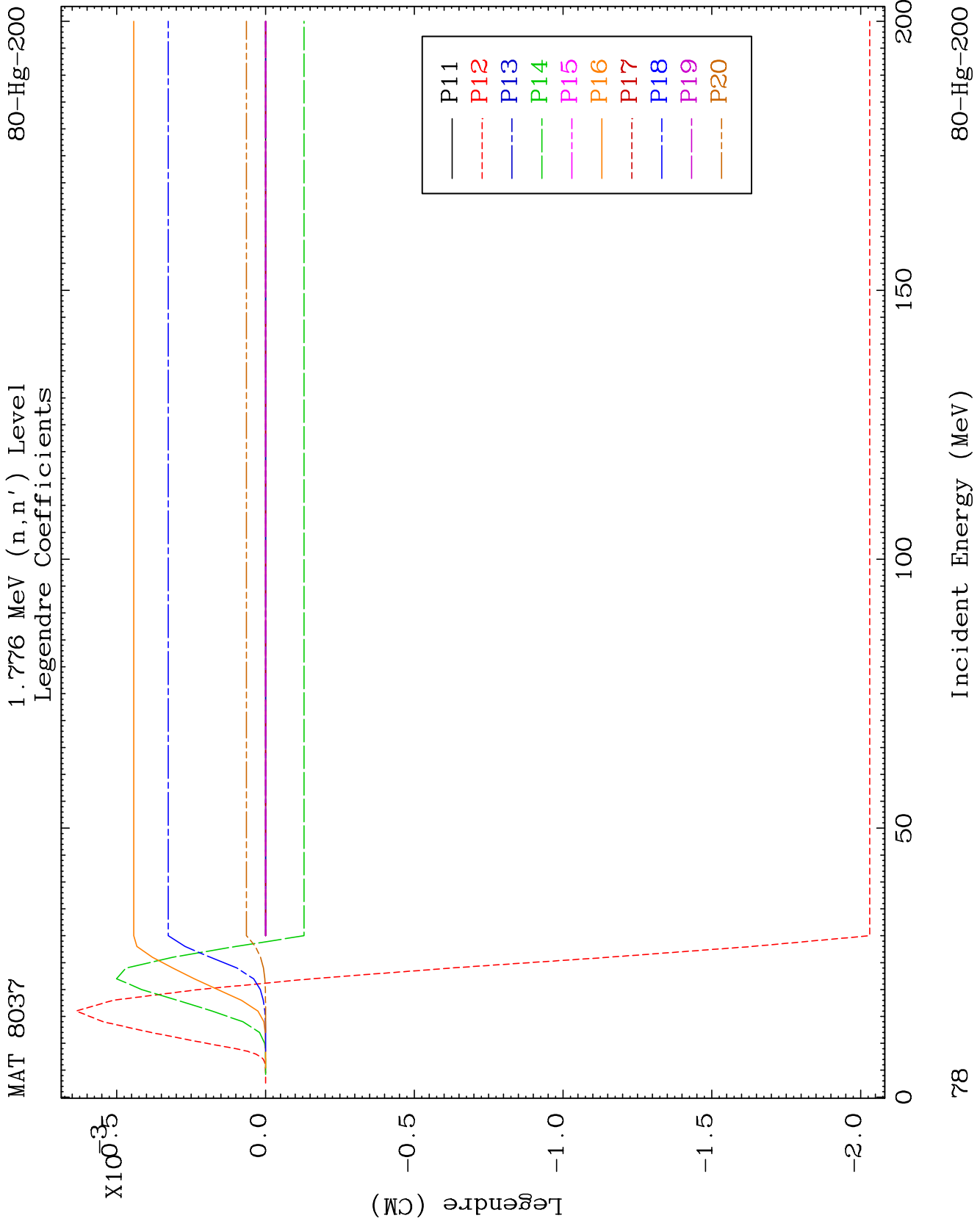


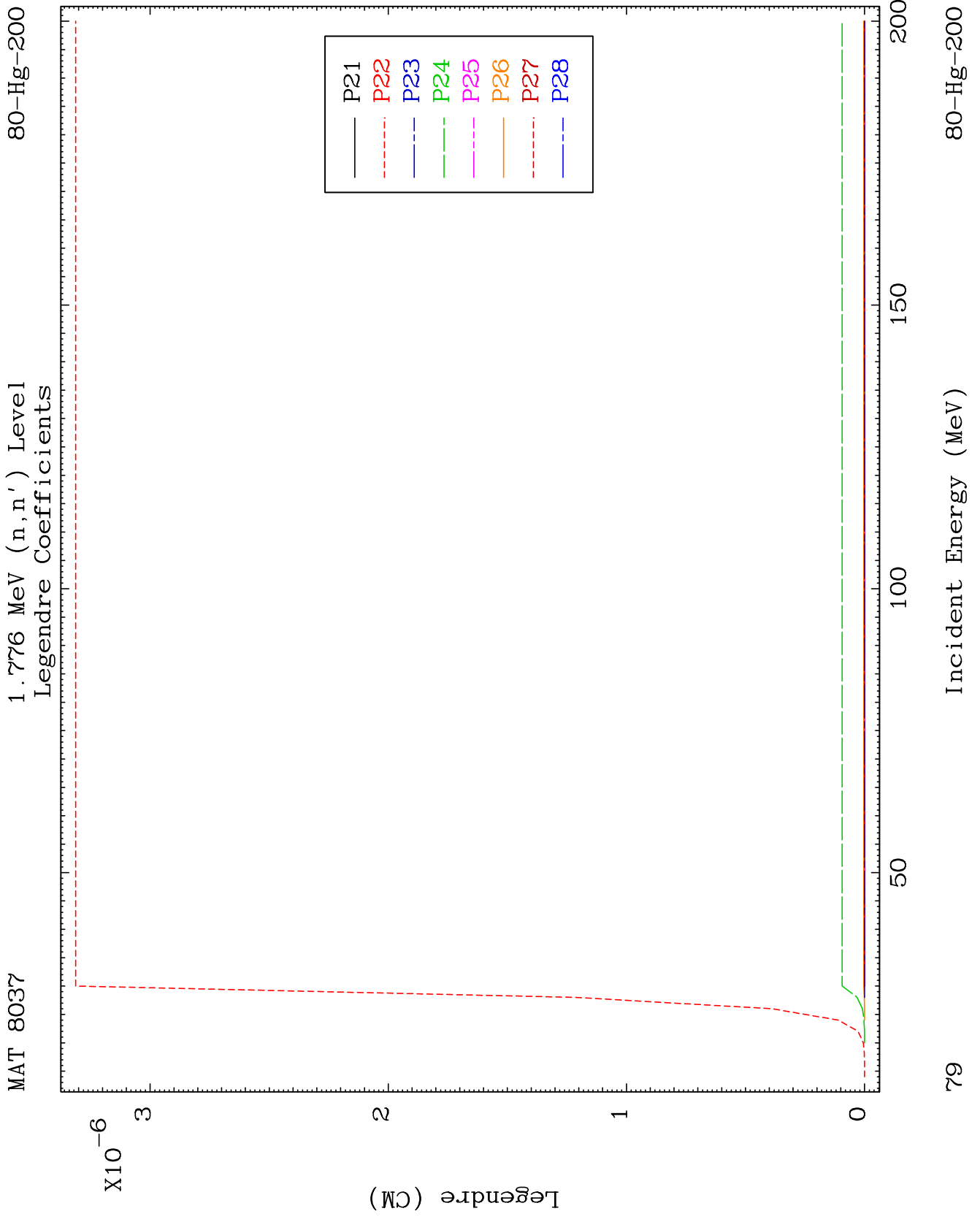




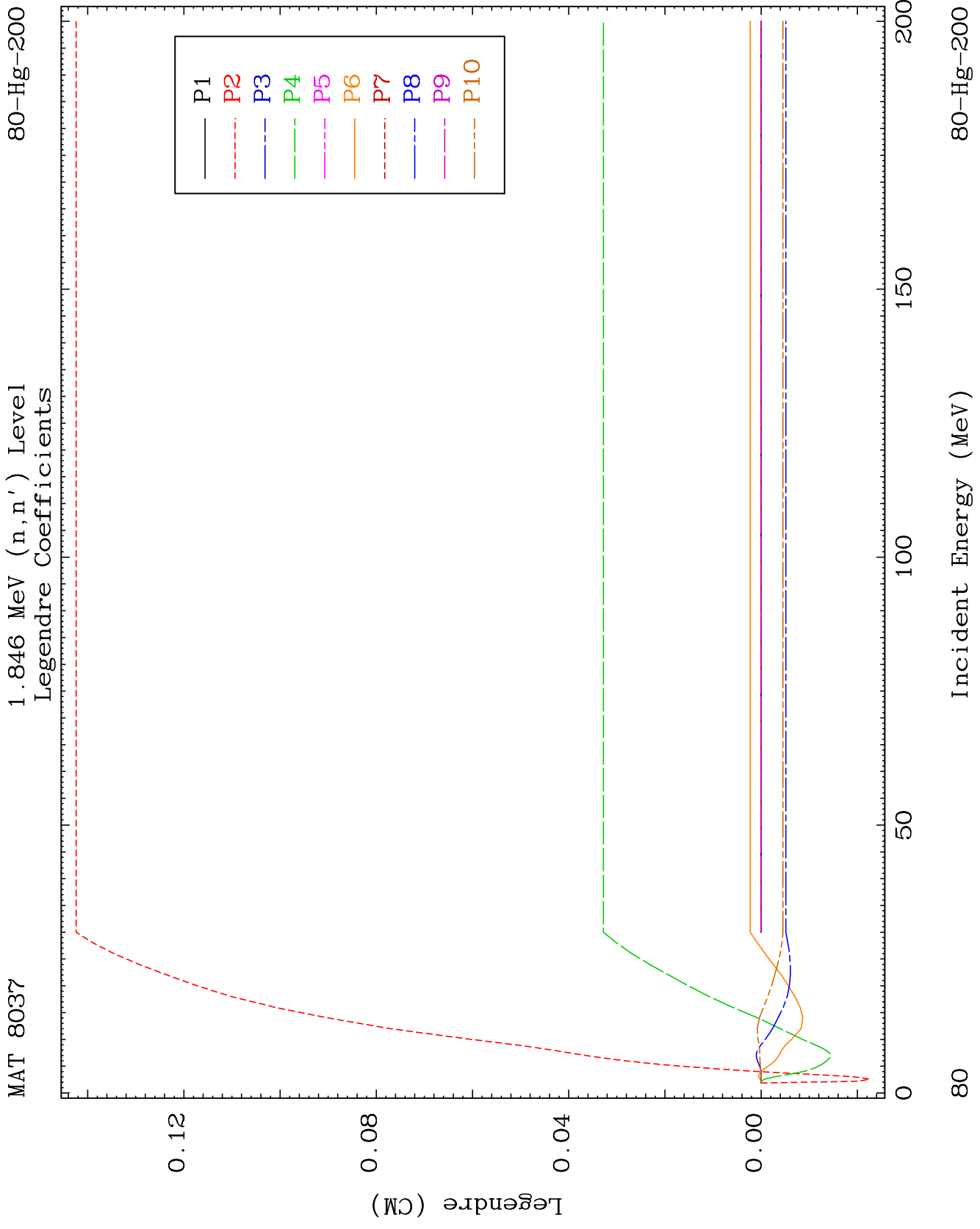


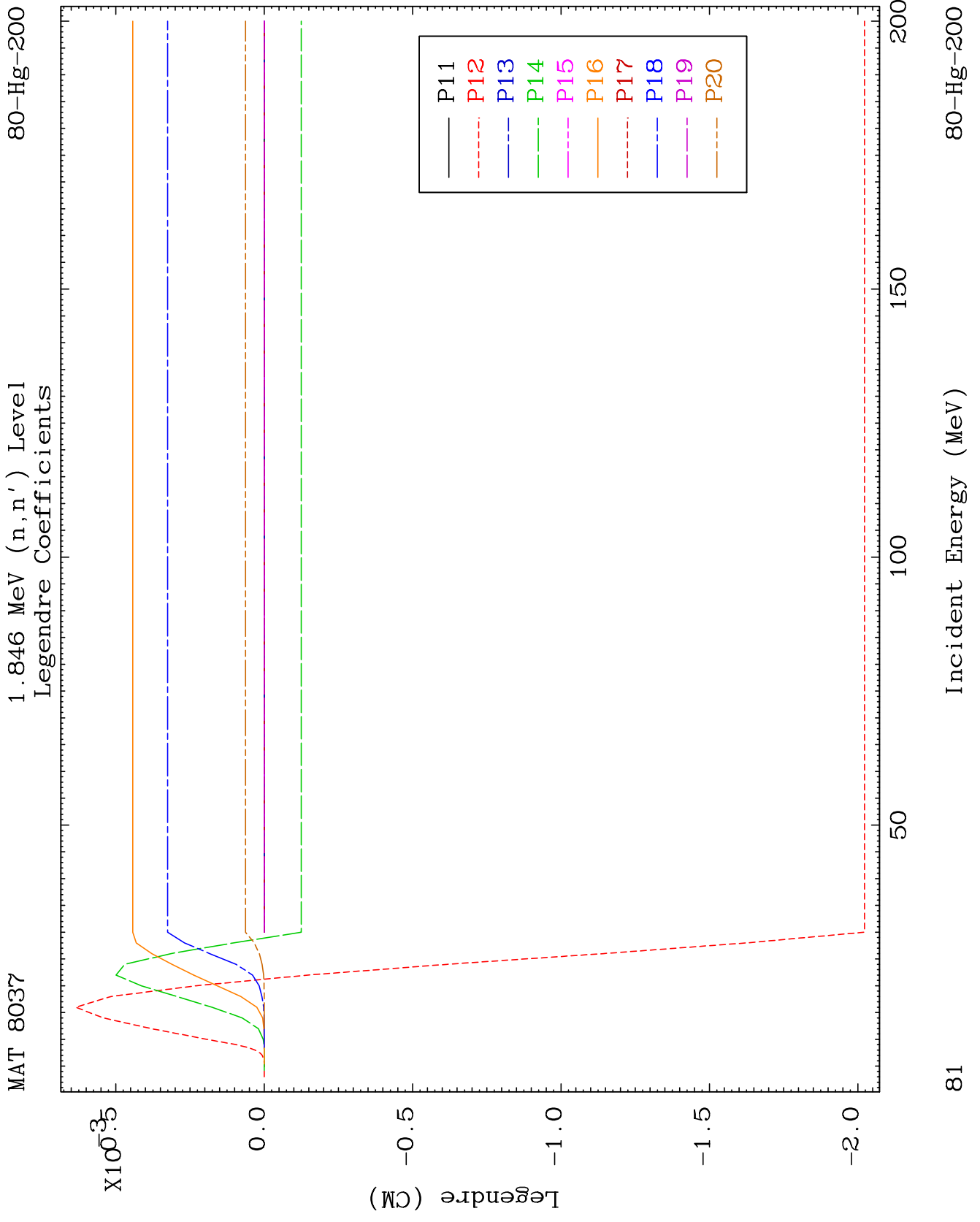




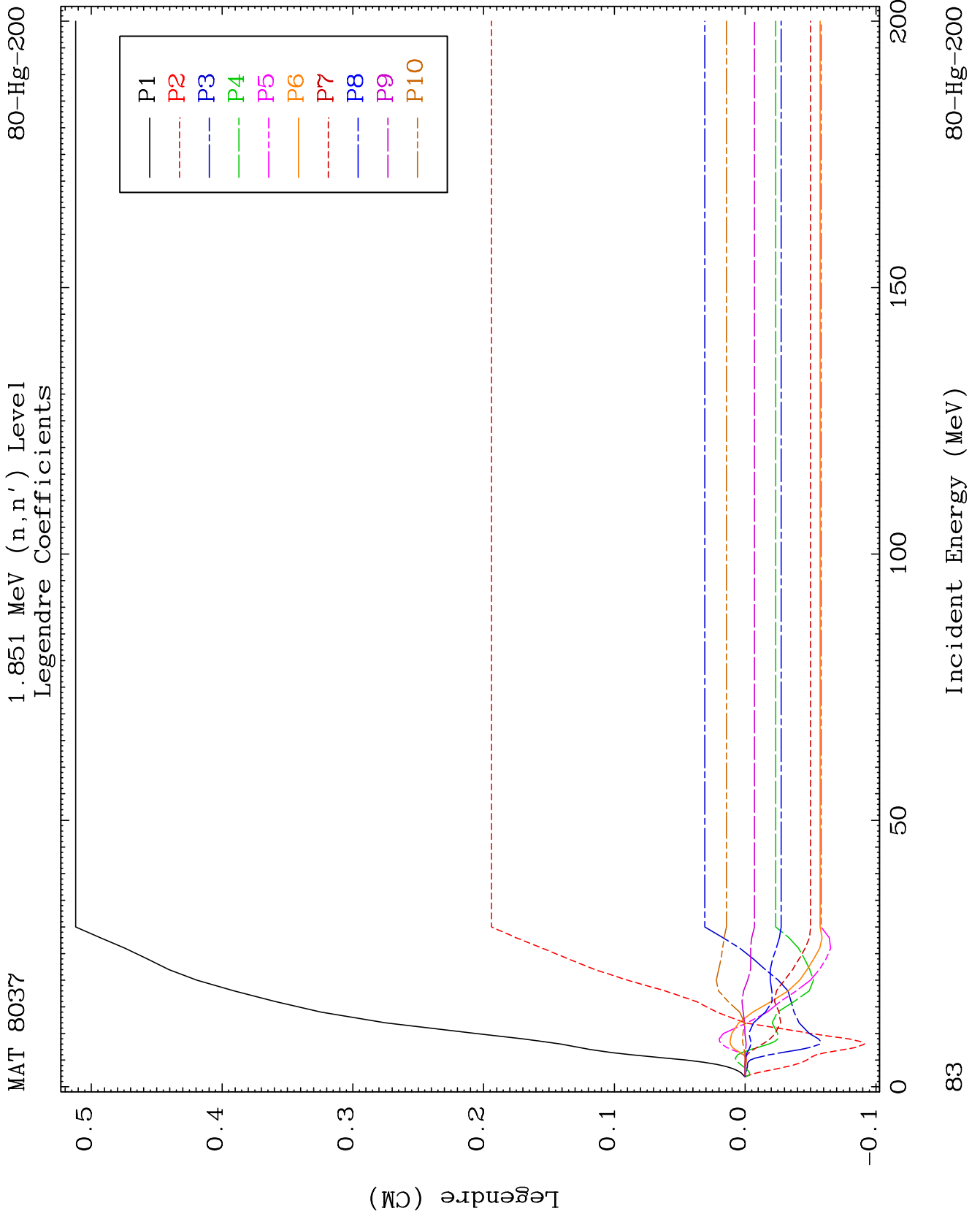


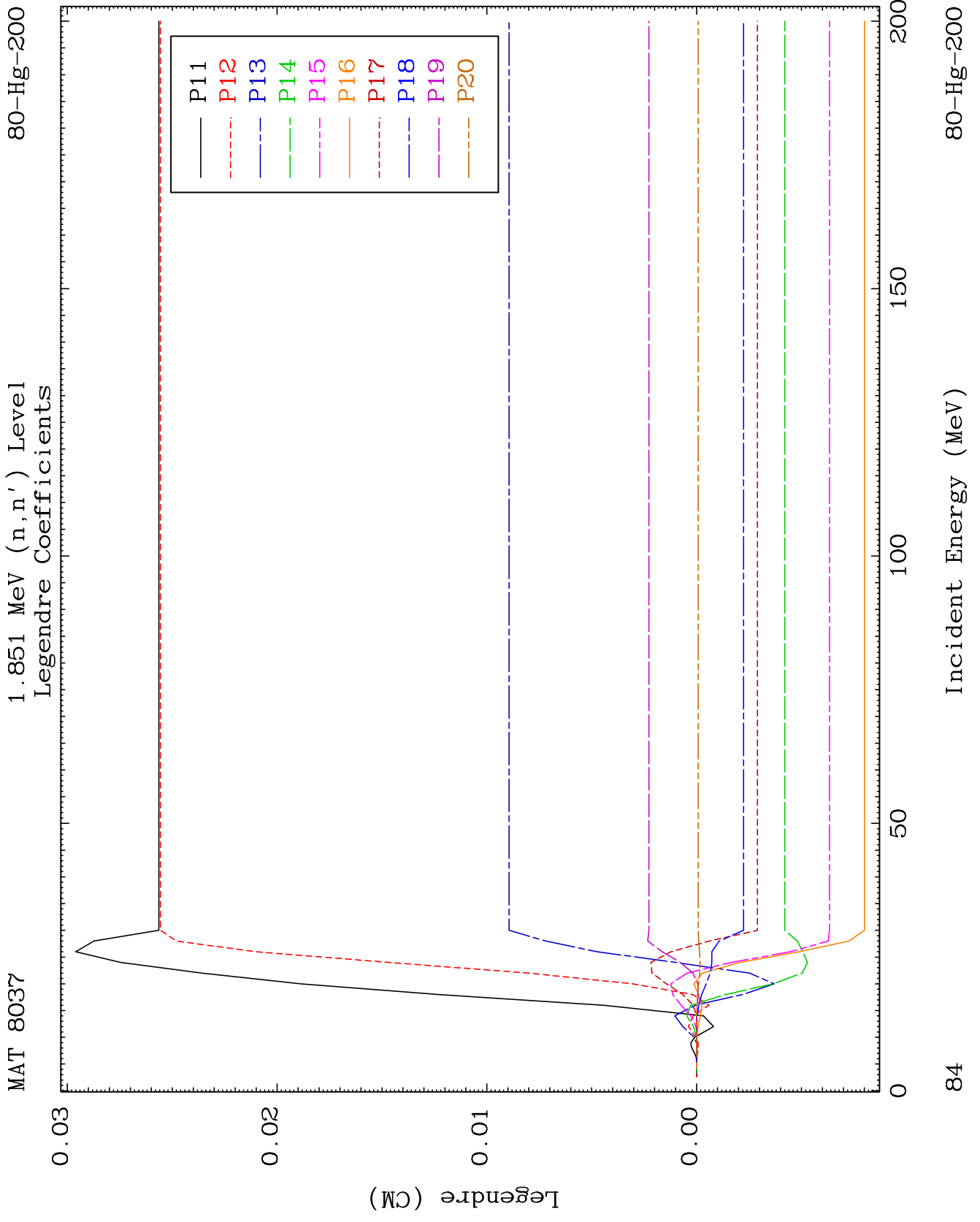


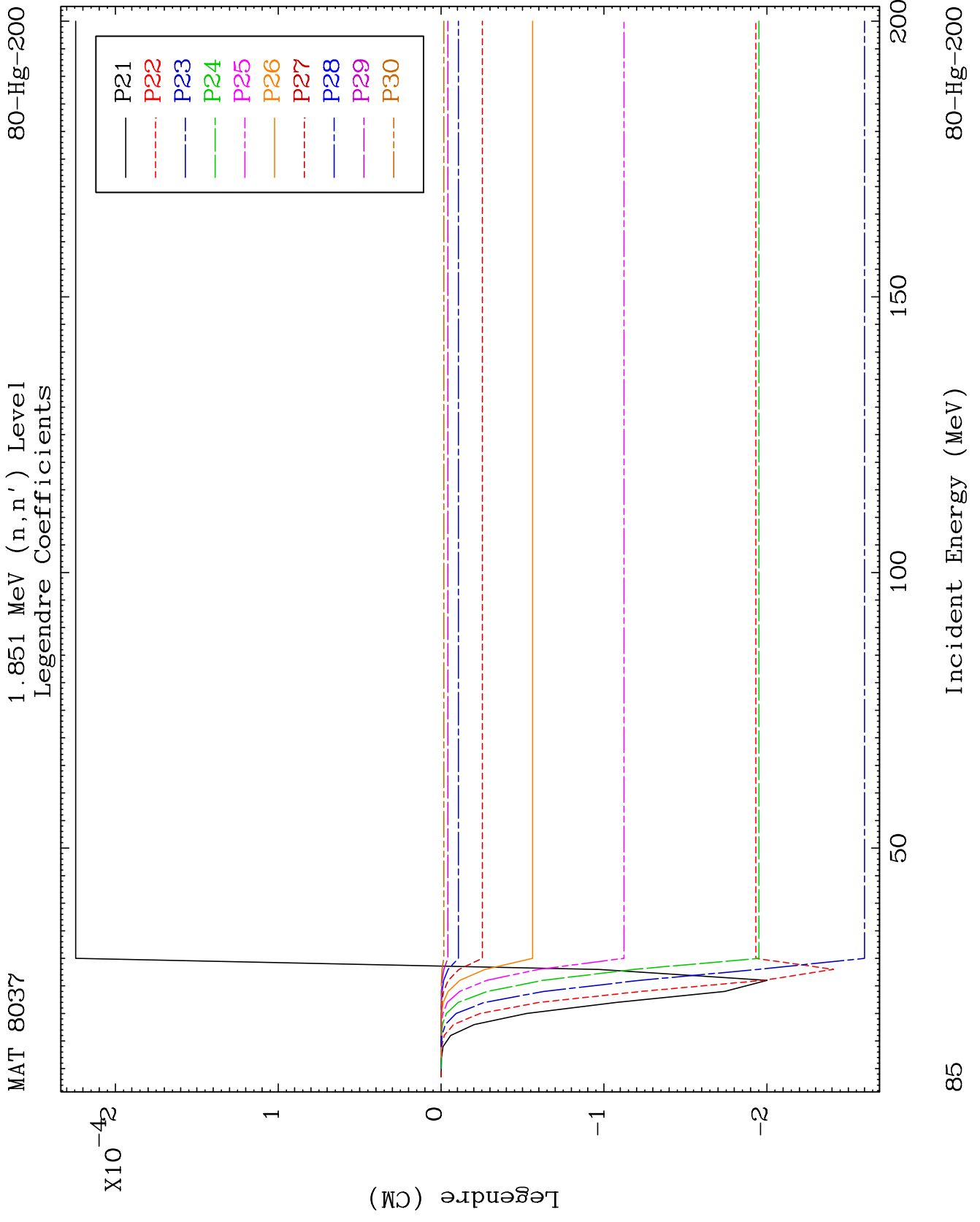


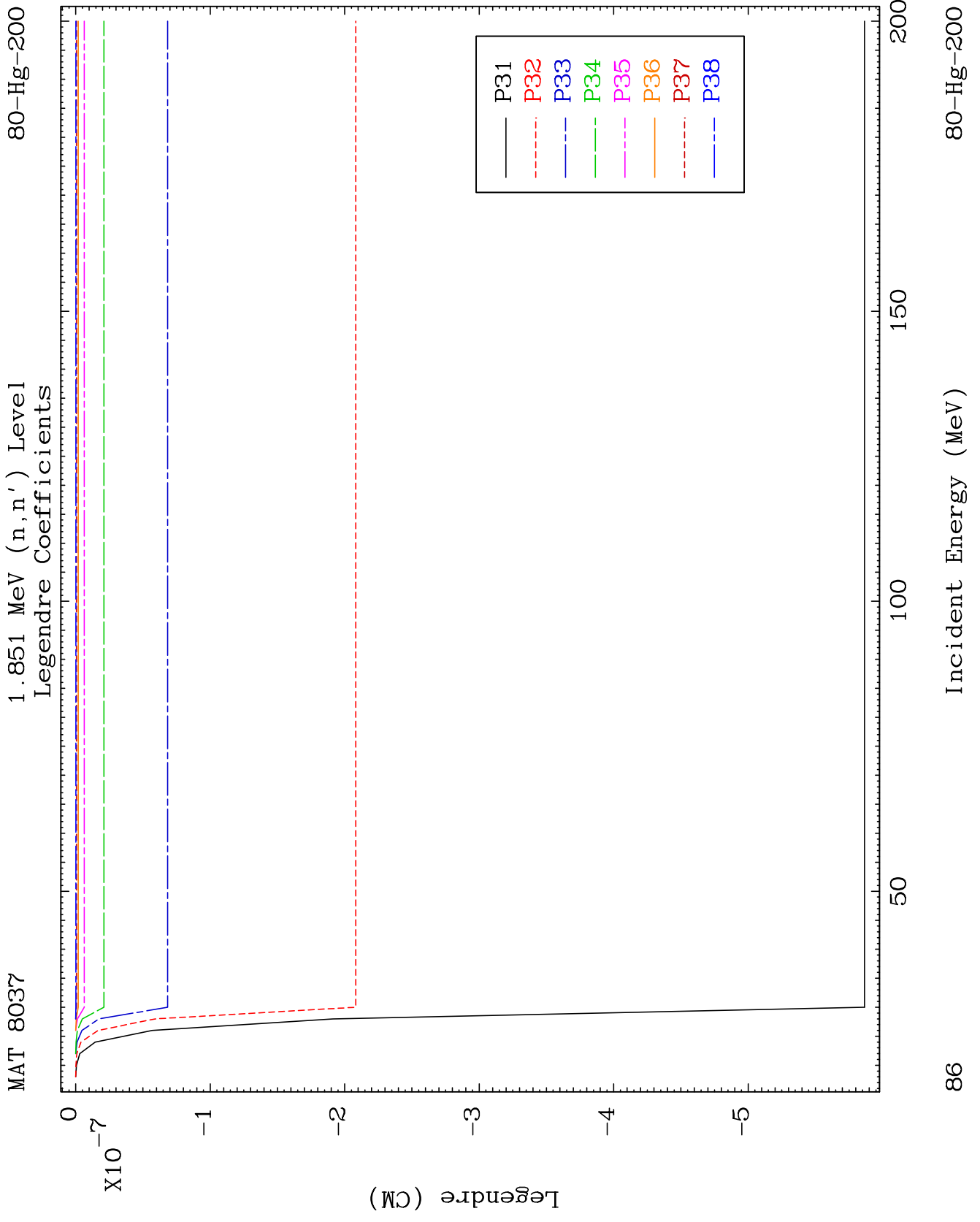


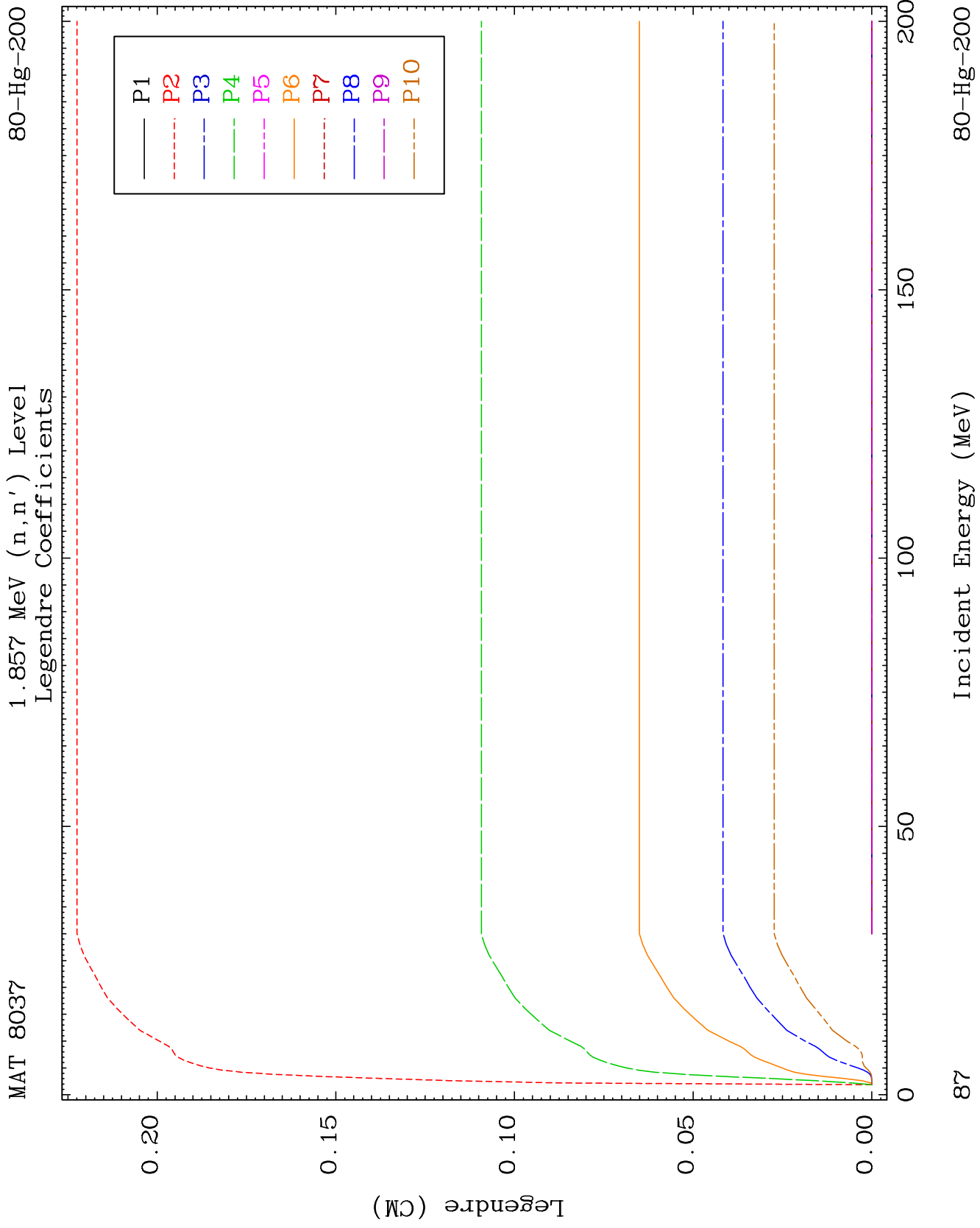










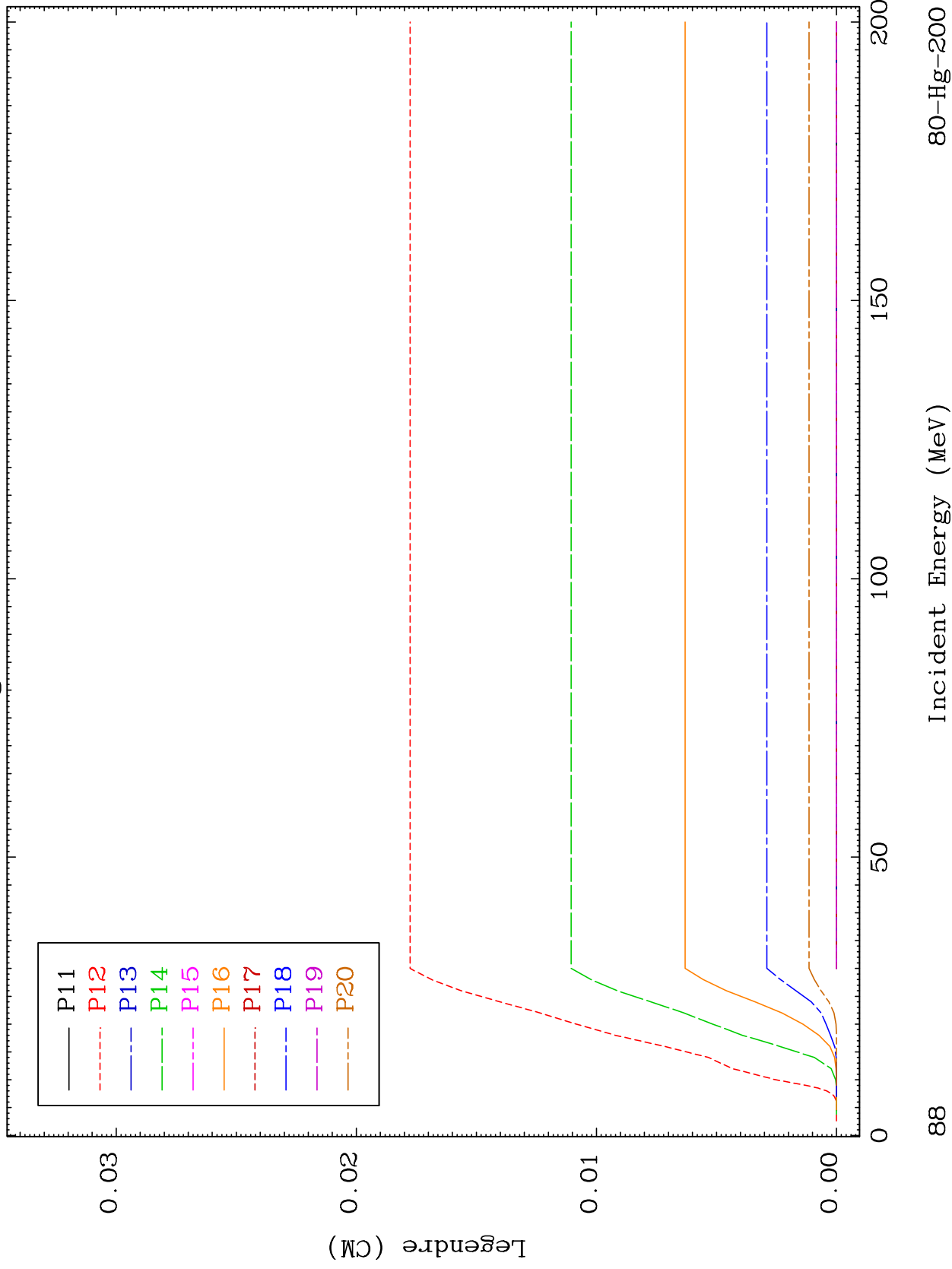




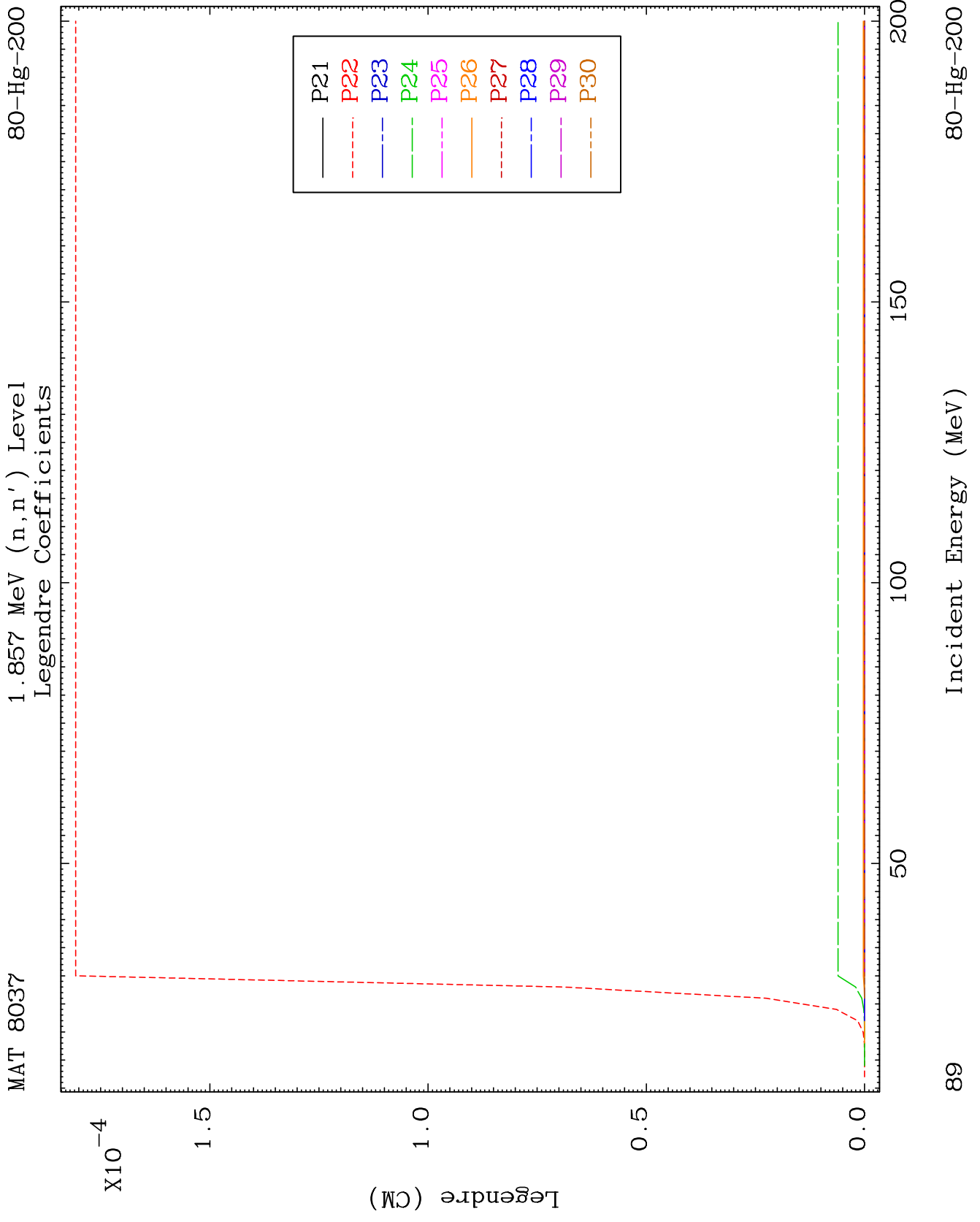
MAT 8037

1.857 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



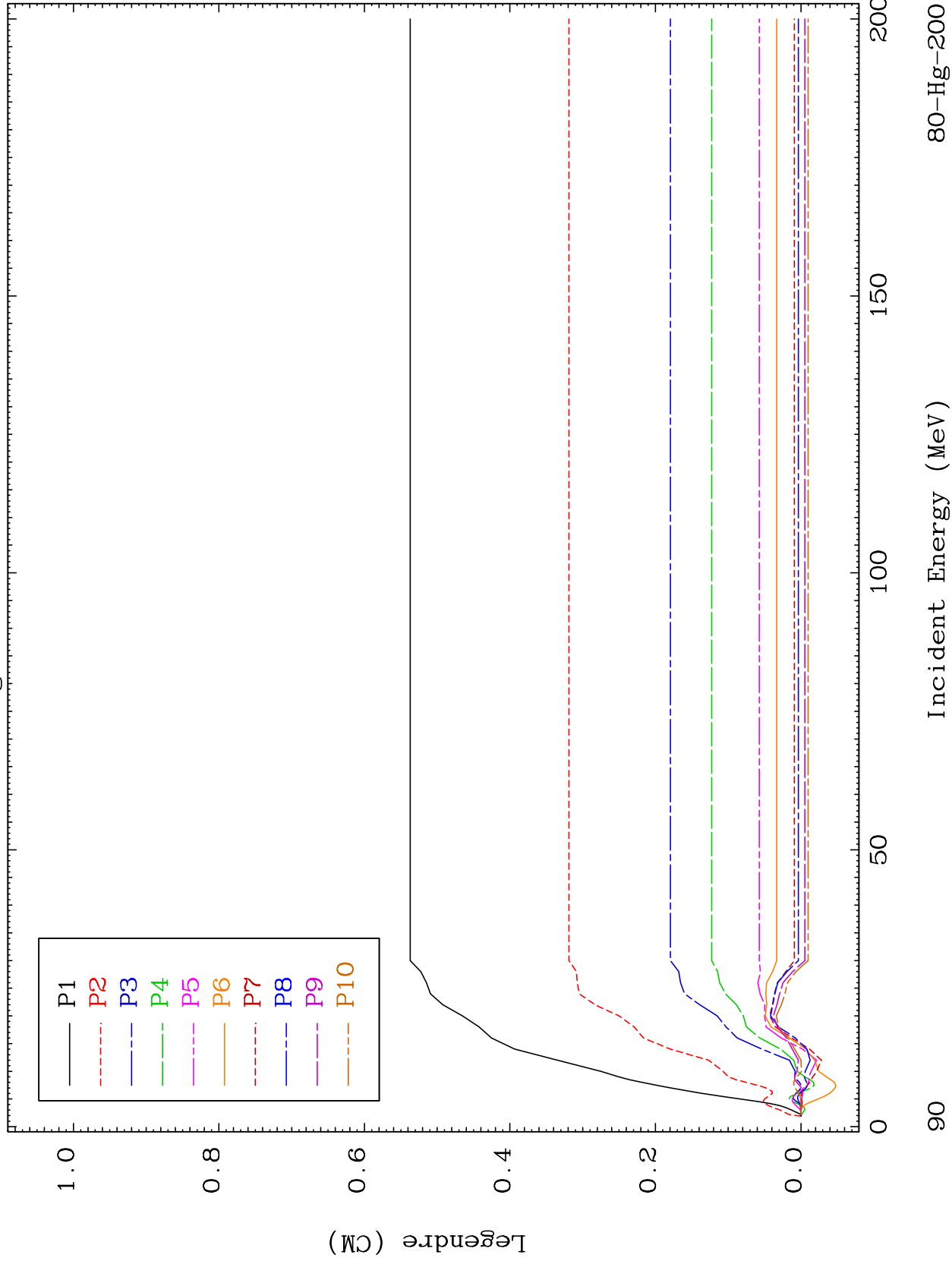
88



MAT 8037

1.883 MeV (n,n') Level  
Legendre Coefficients

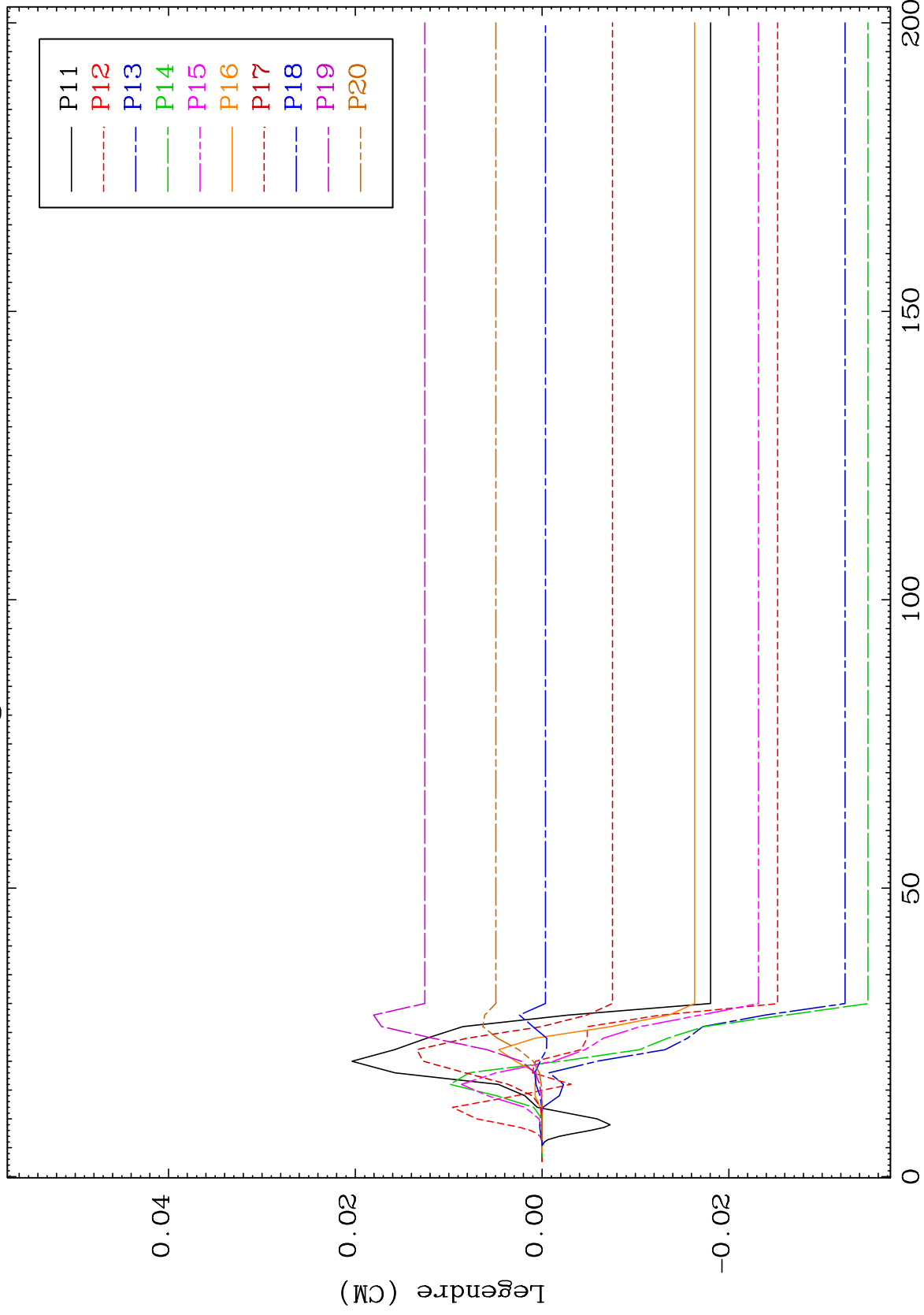
80-Hg-200



MAT 8037

1.883 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



91

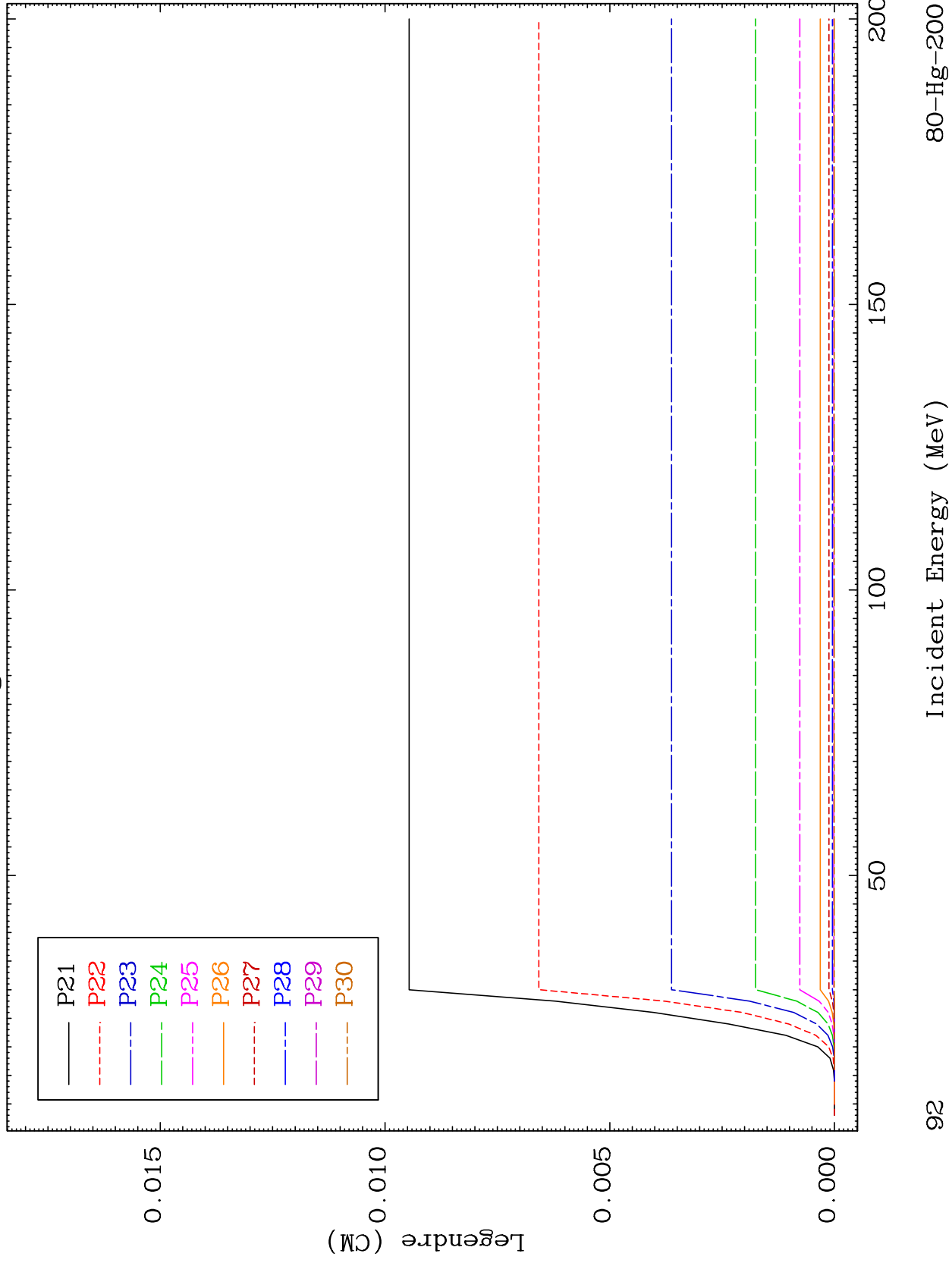
Incident Energy (MeV)

80-Hg-200

MAT 8037

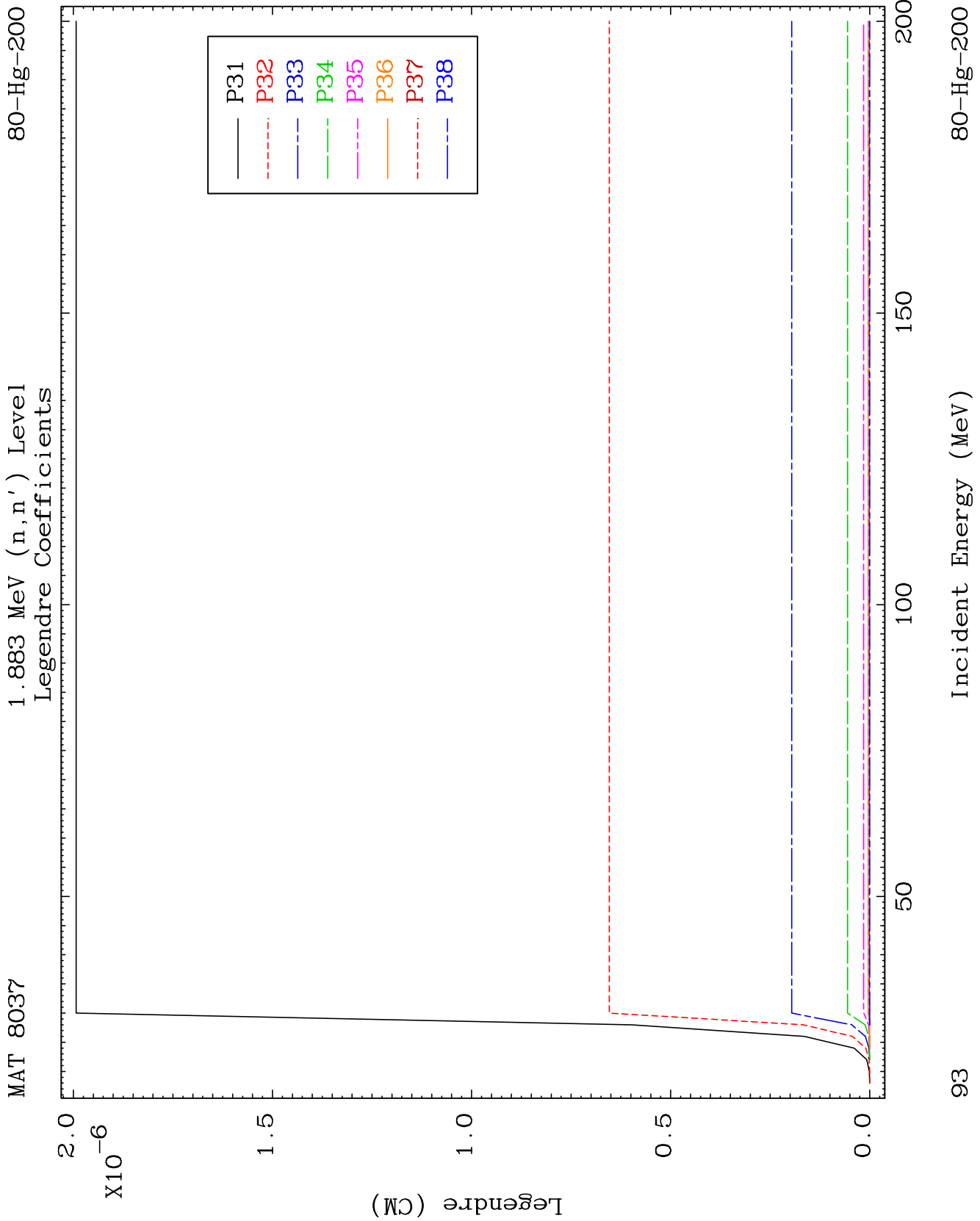
1.883 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200

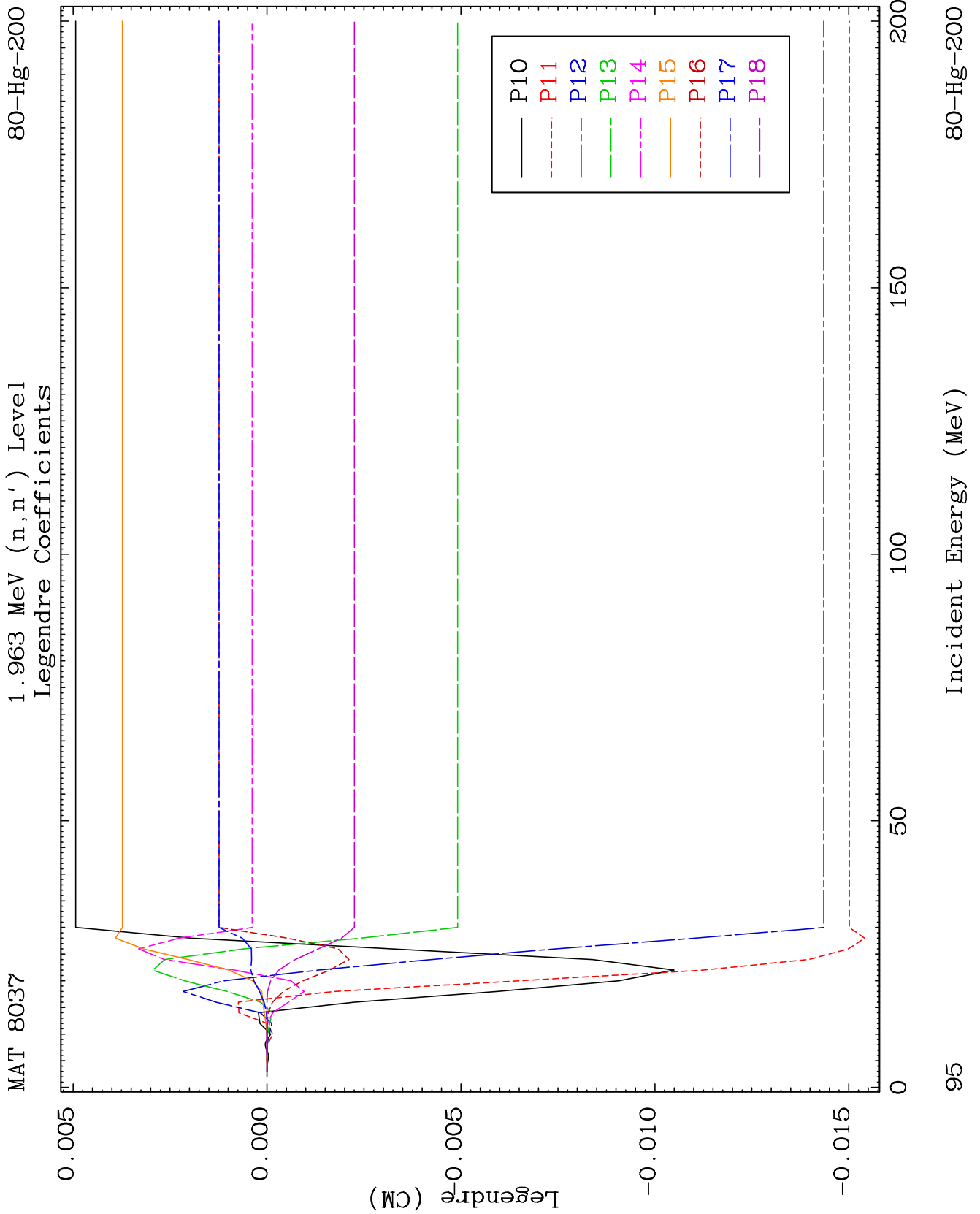


92

80-Hg-200





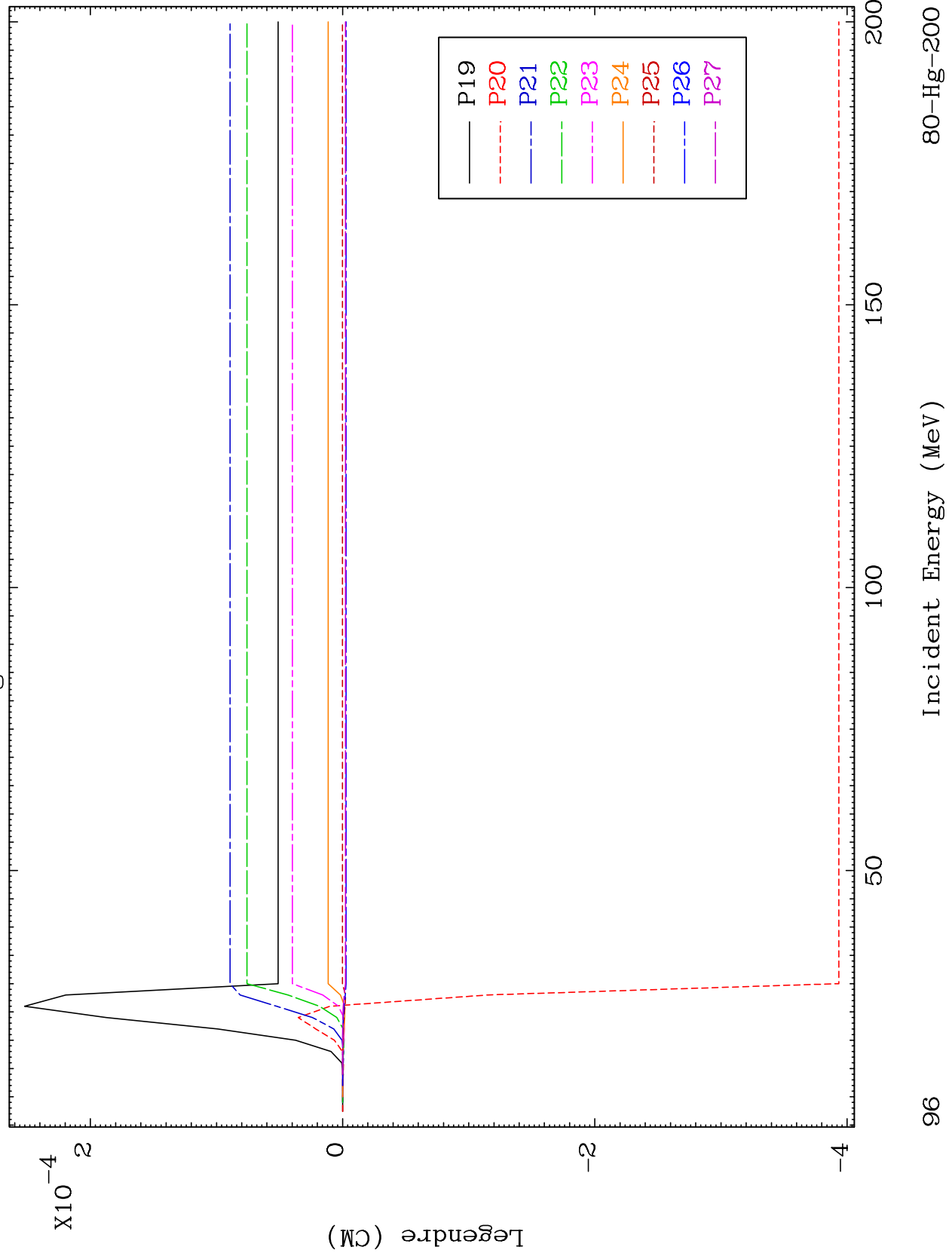


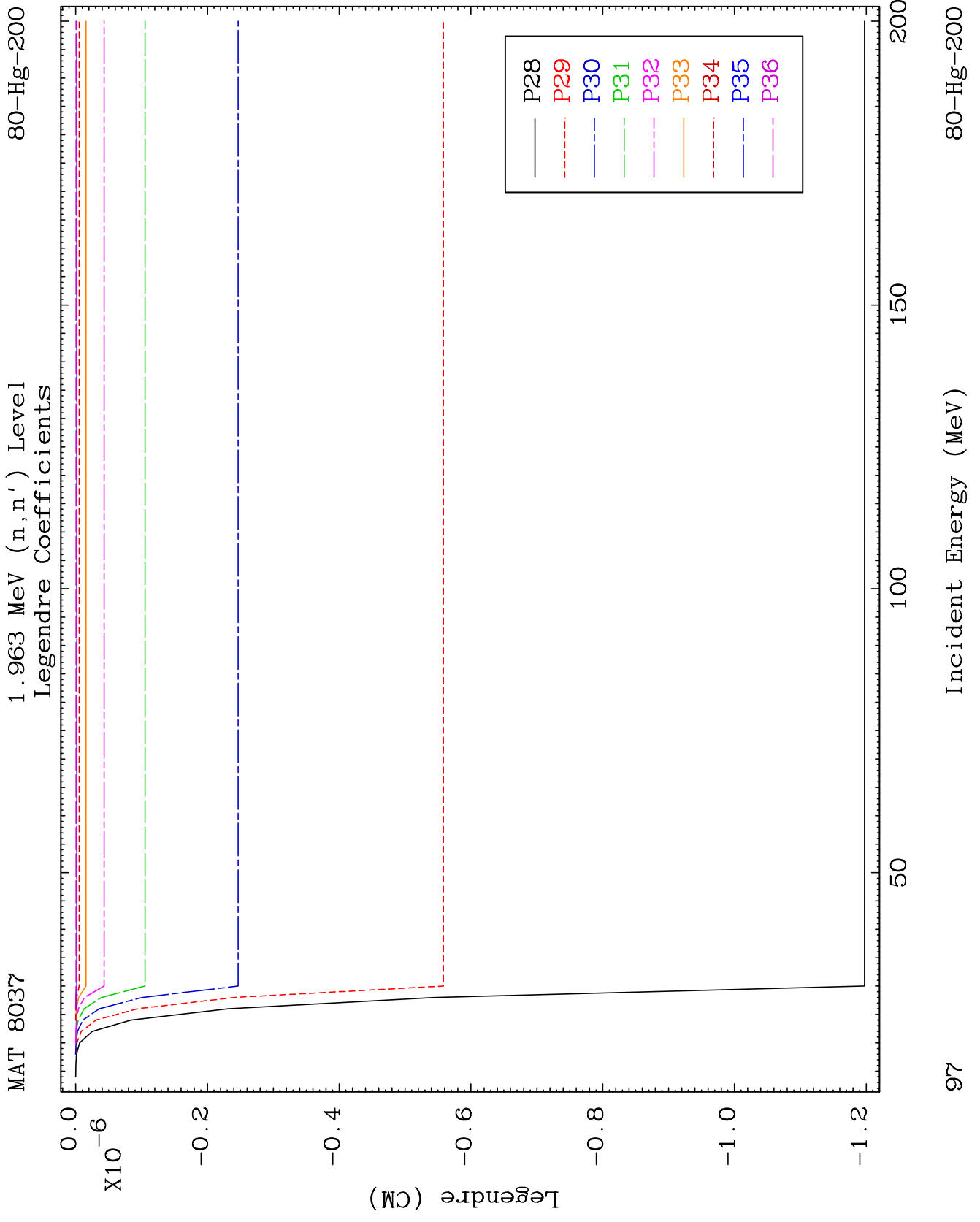


MAT 8037

1.963 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200

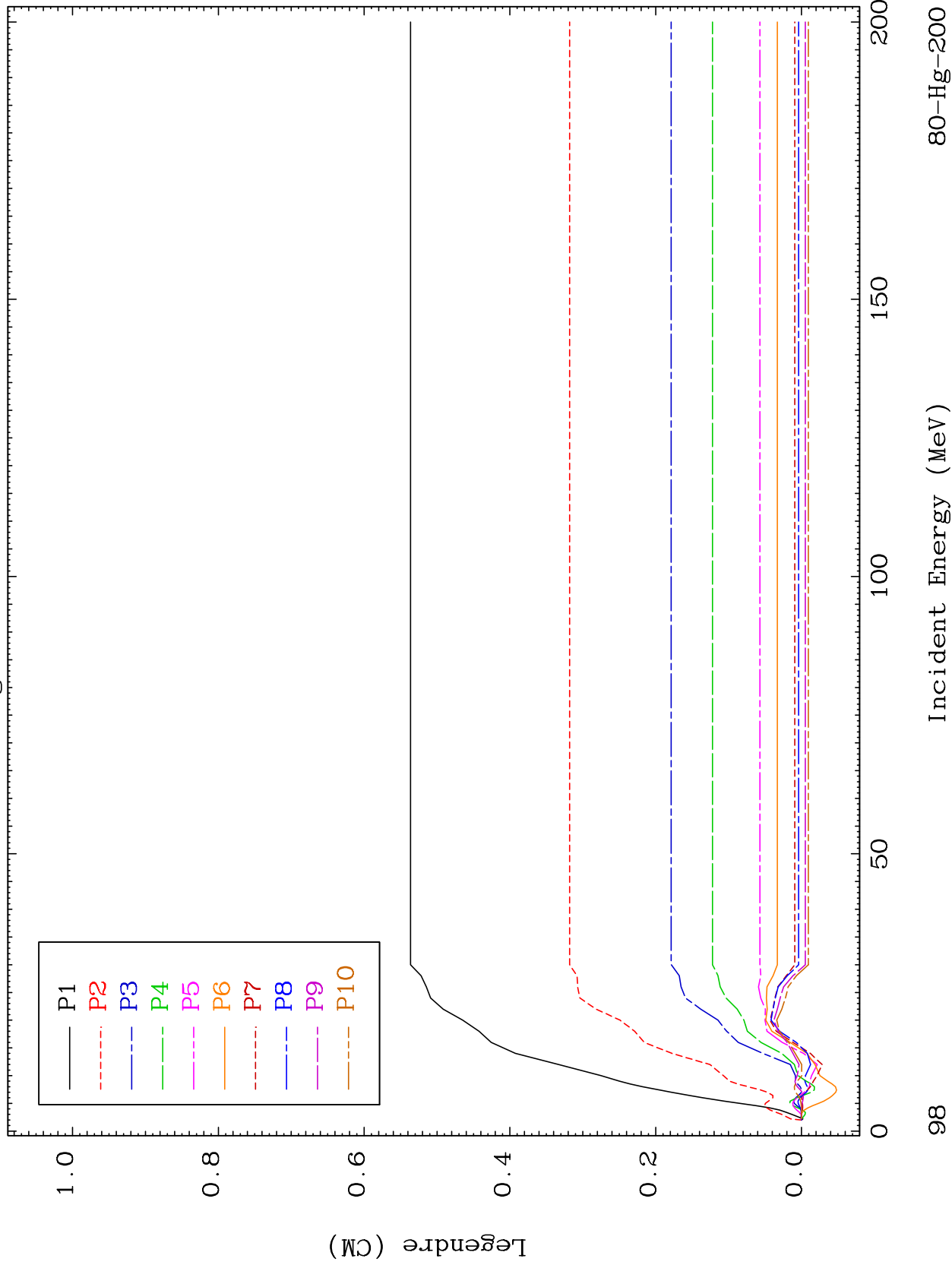




MAT 8037

1.972 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



98

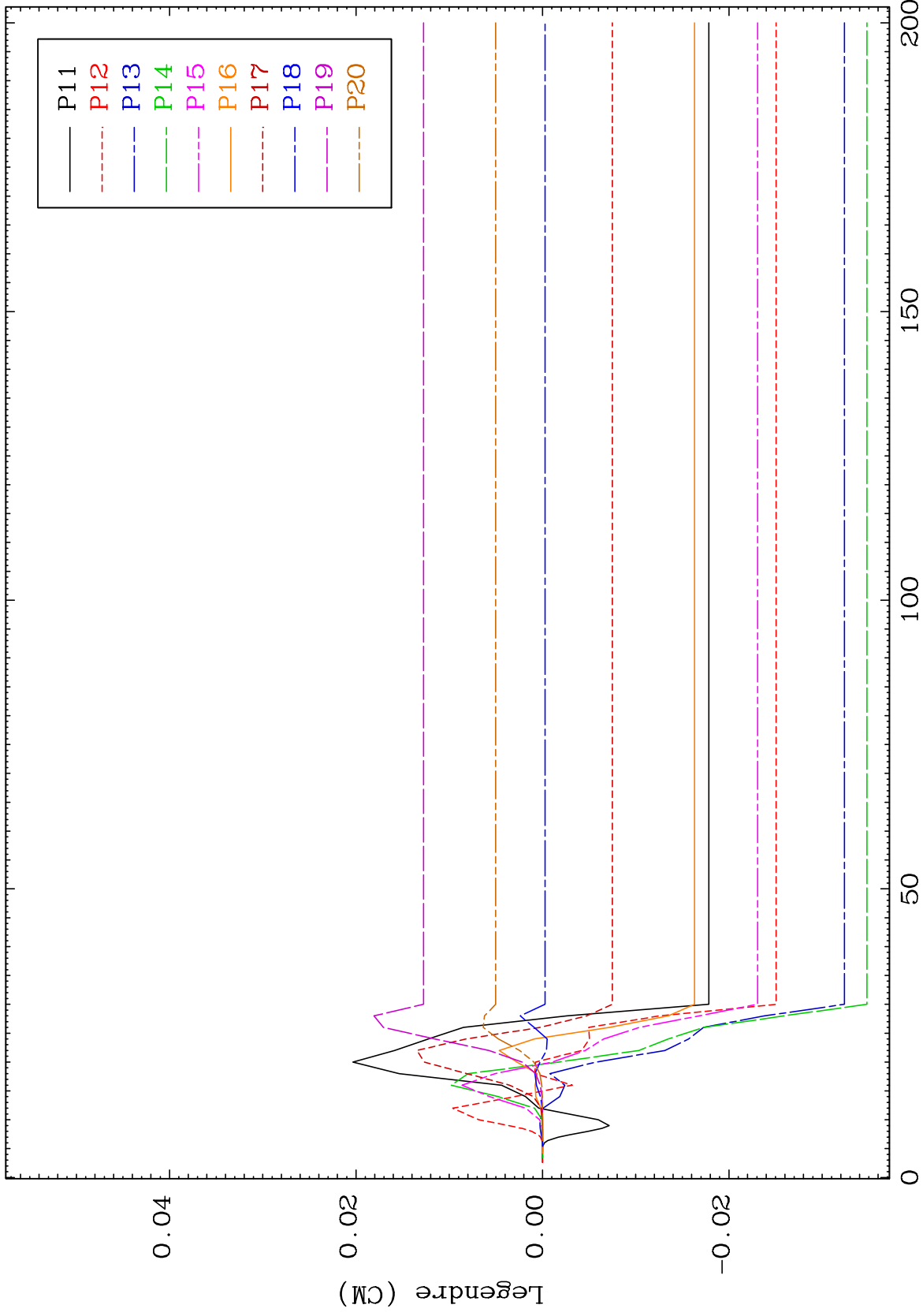
Incident Energy (MeV)

80-Hg-200

MAT 8037

1.972 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



99

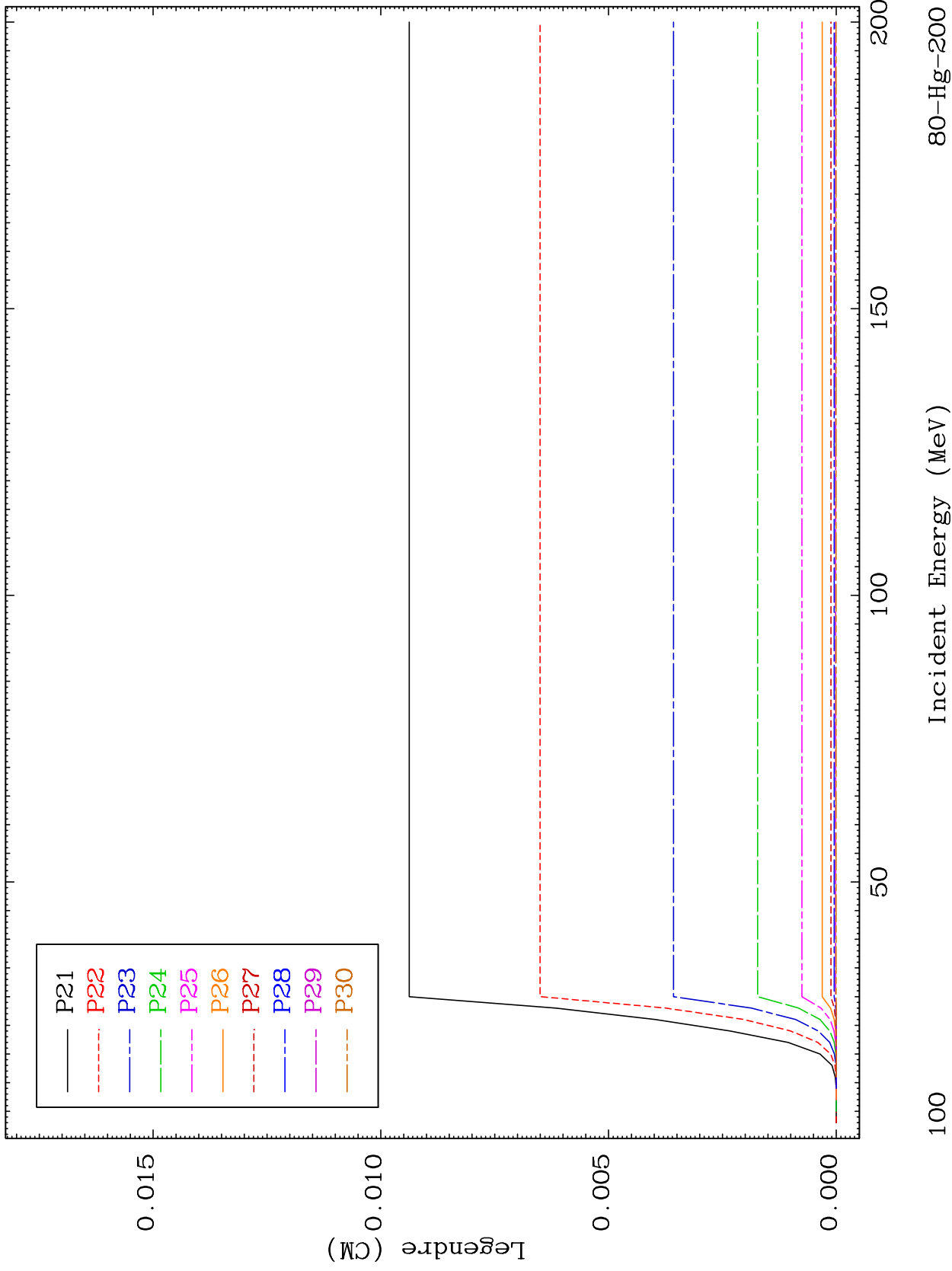
Incident Energy (MeV)

80-Hg-200

MAT 8037

1.972 MeV (n,n') Level  
Legendre Coefficients

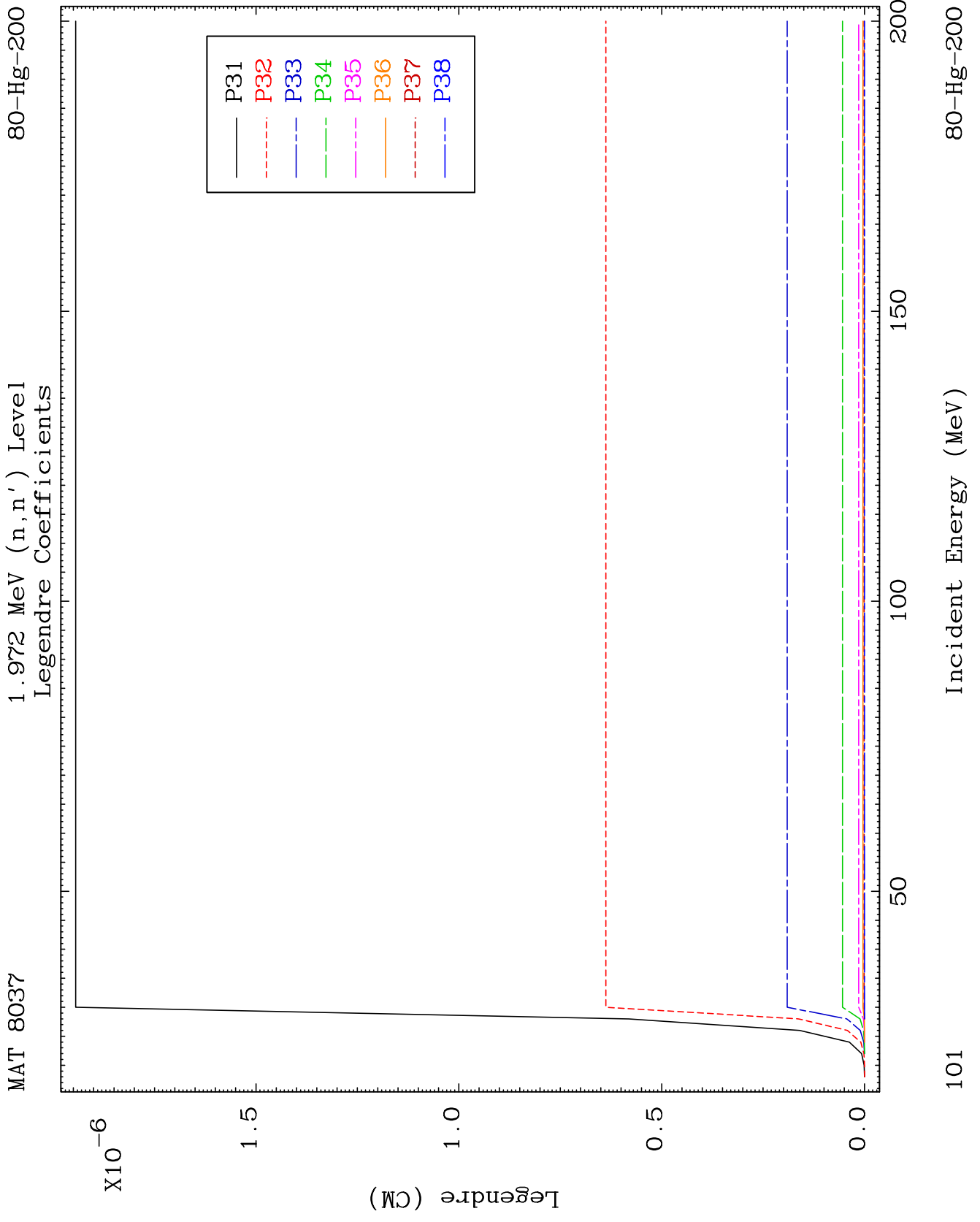
80-Hg-200



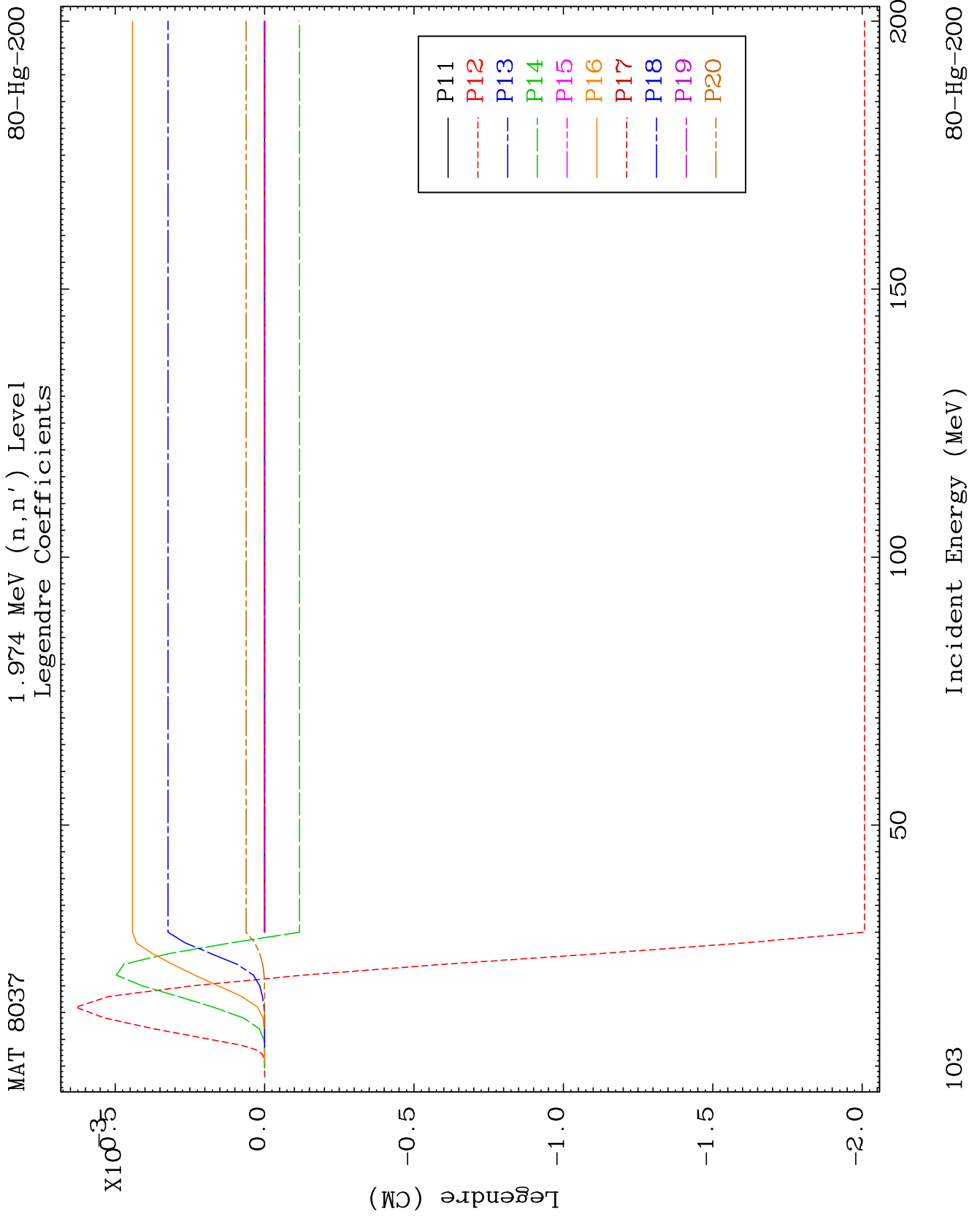
100

Incident Energy (MeV)

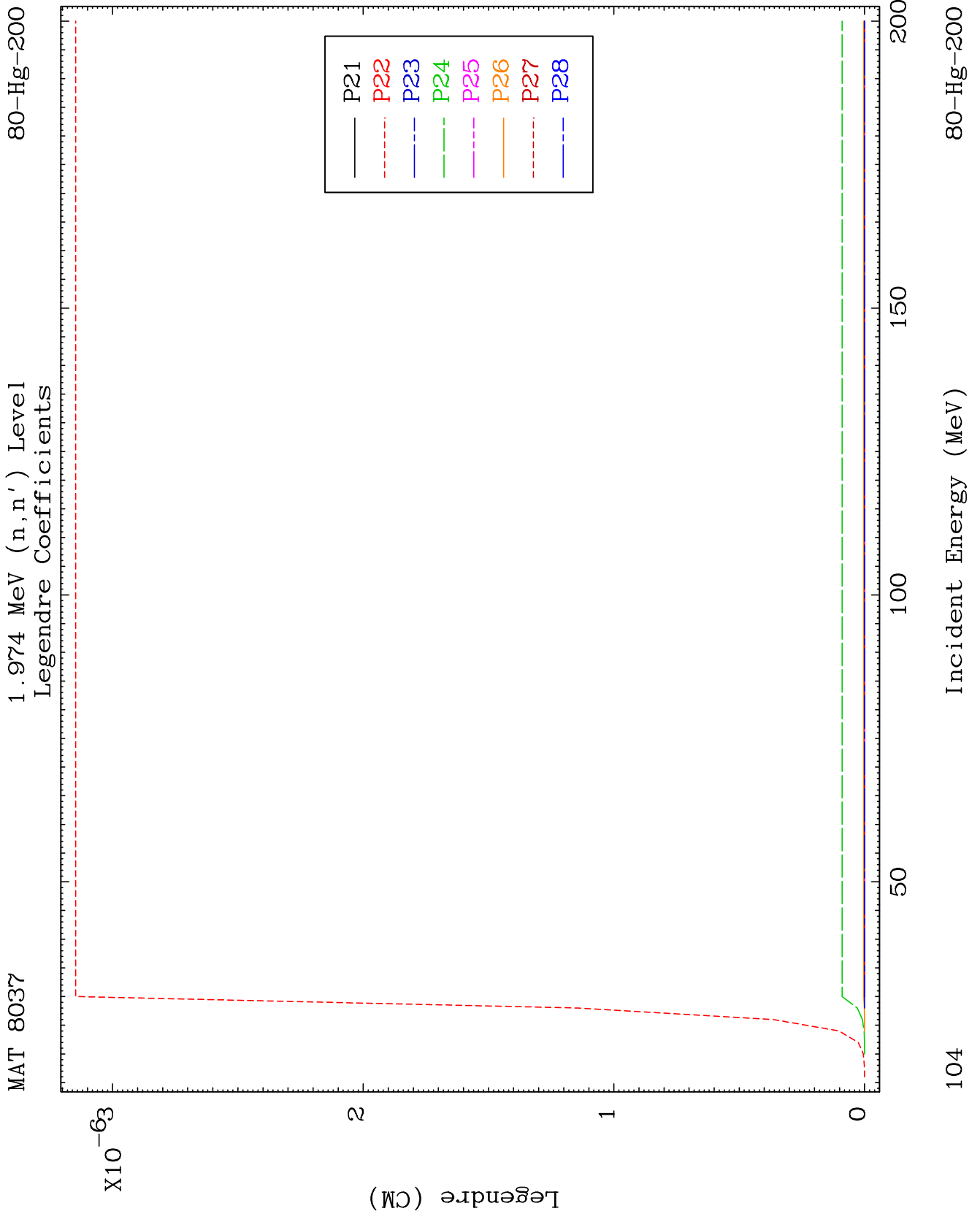
80-Hg-200



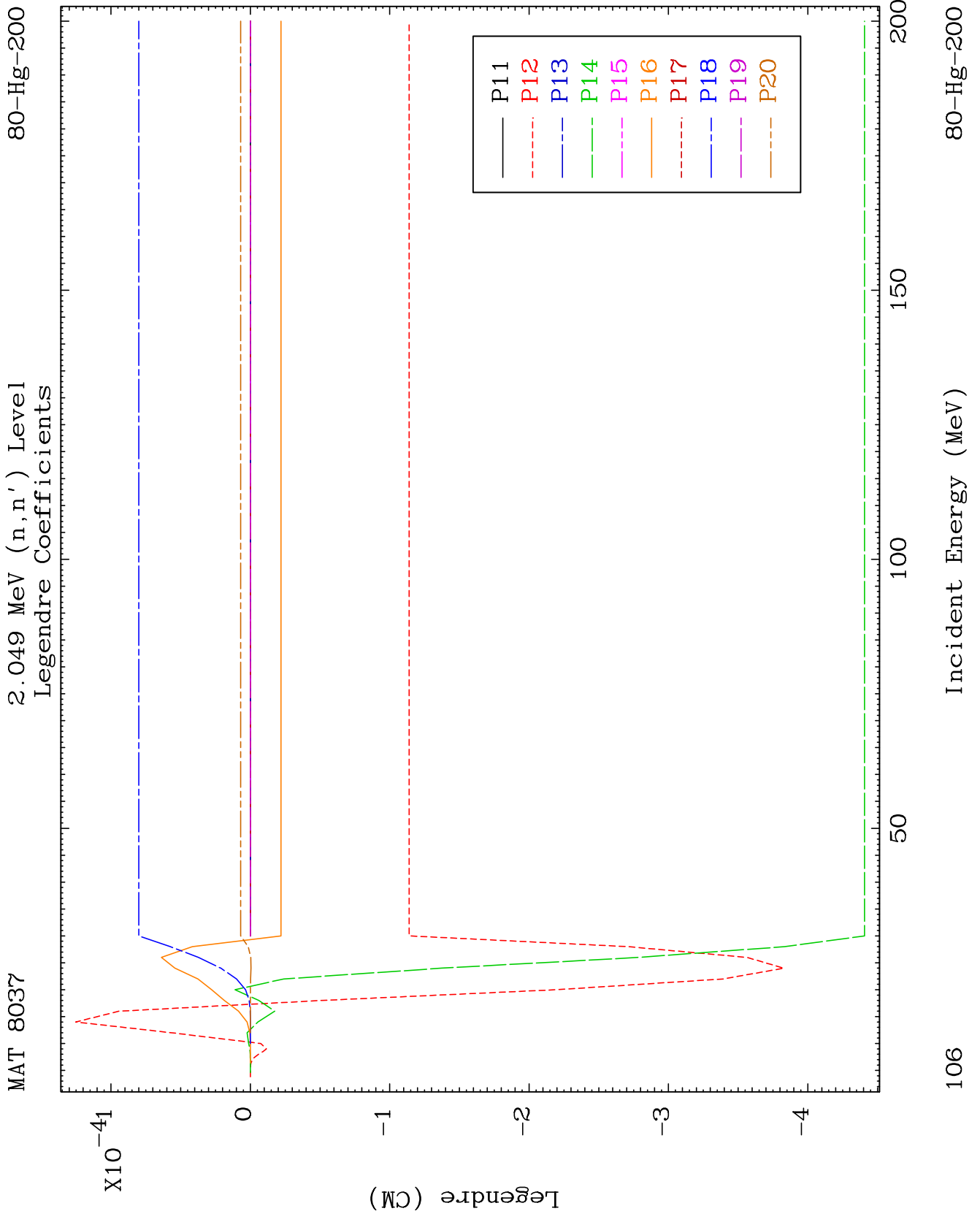


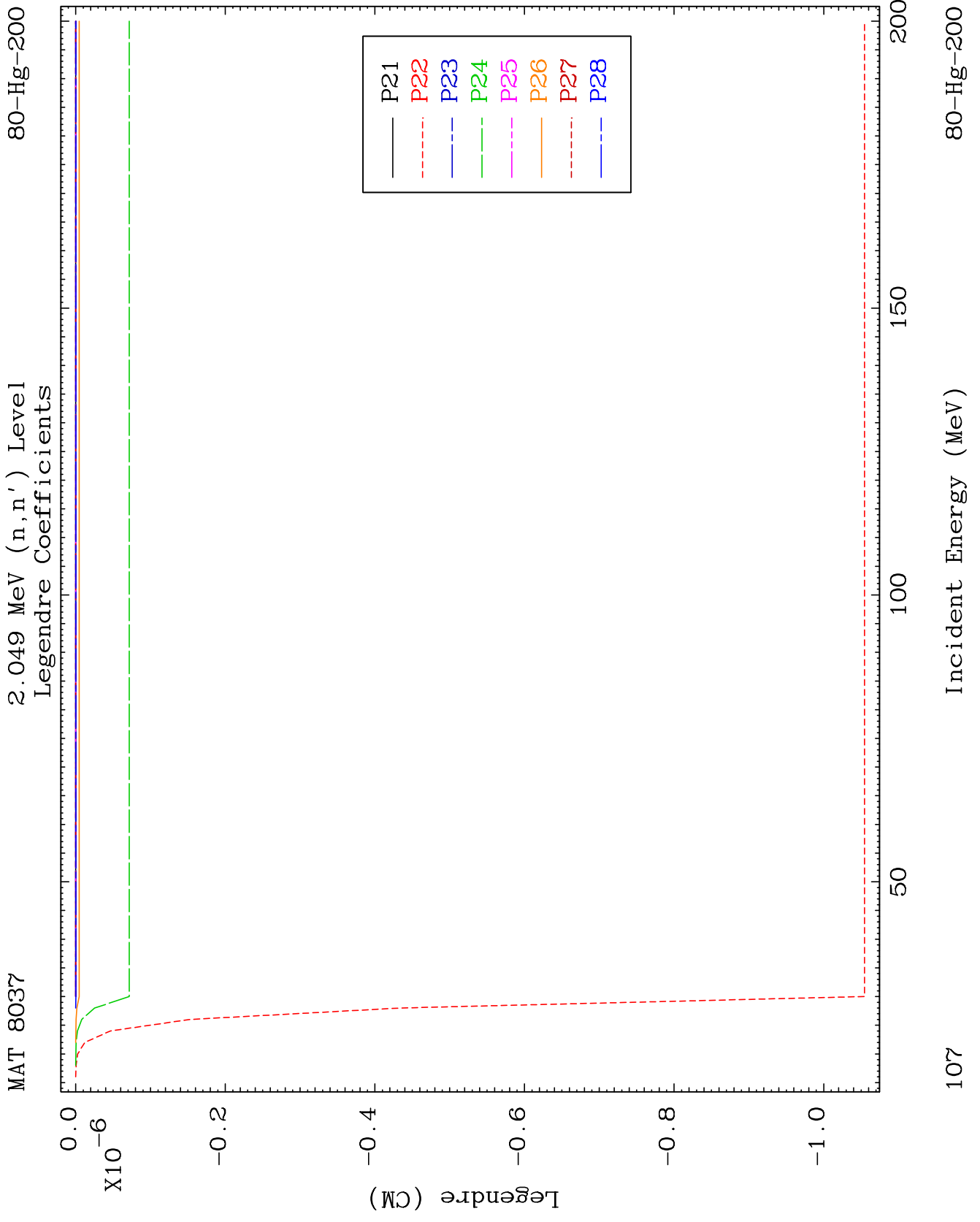


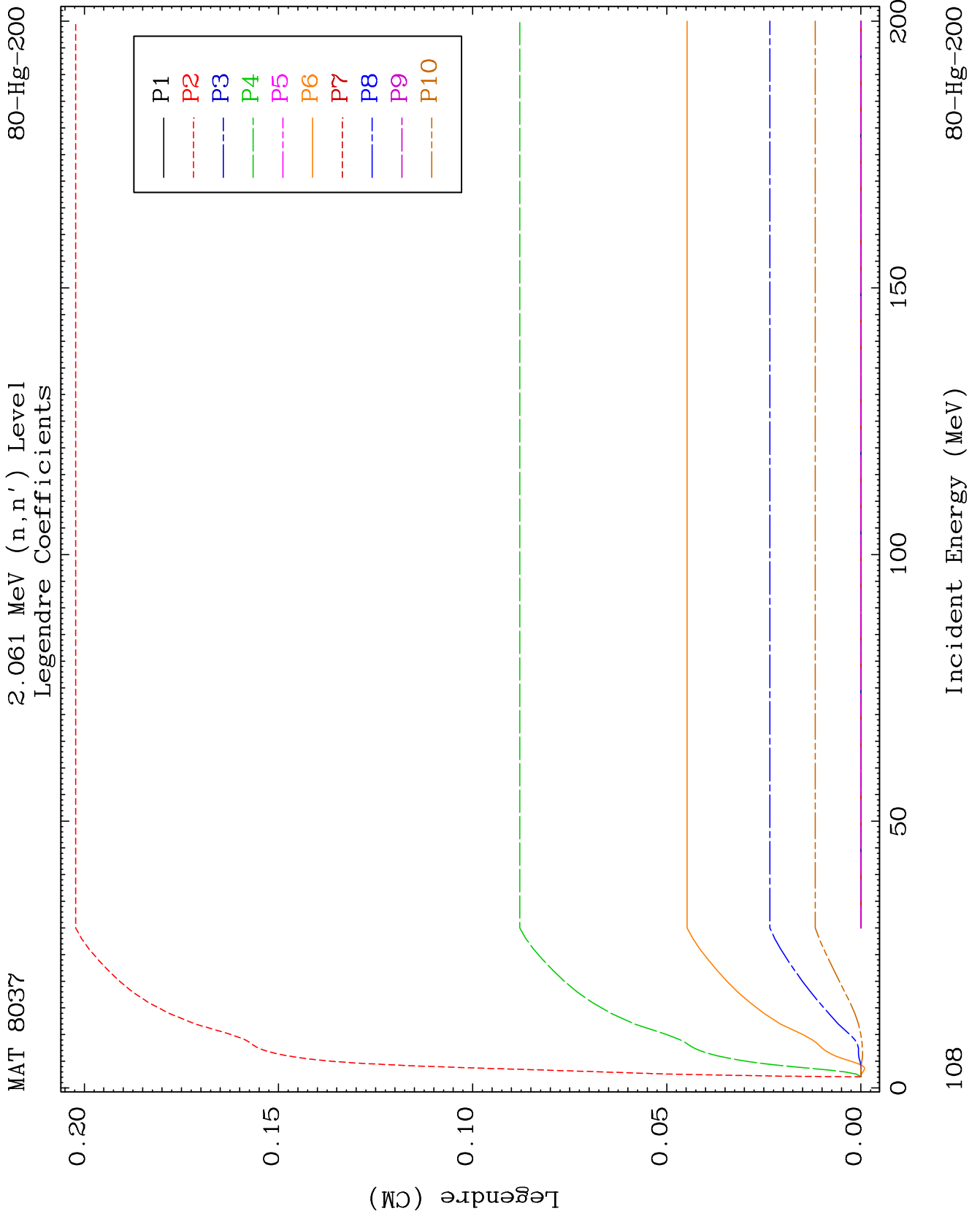


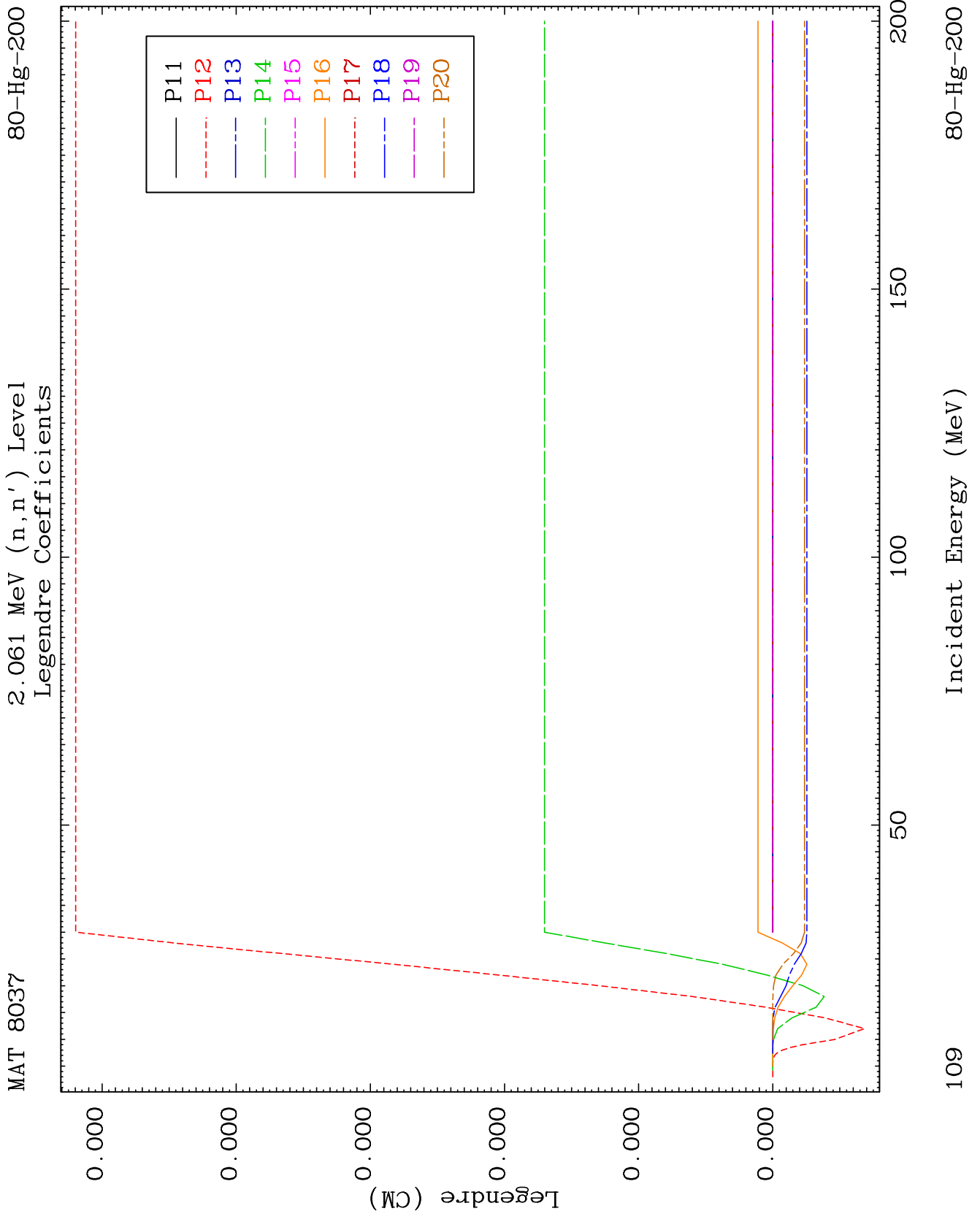










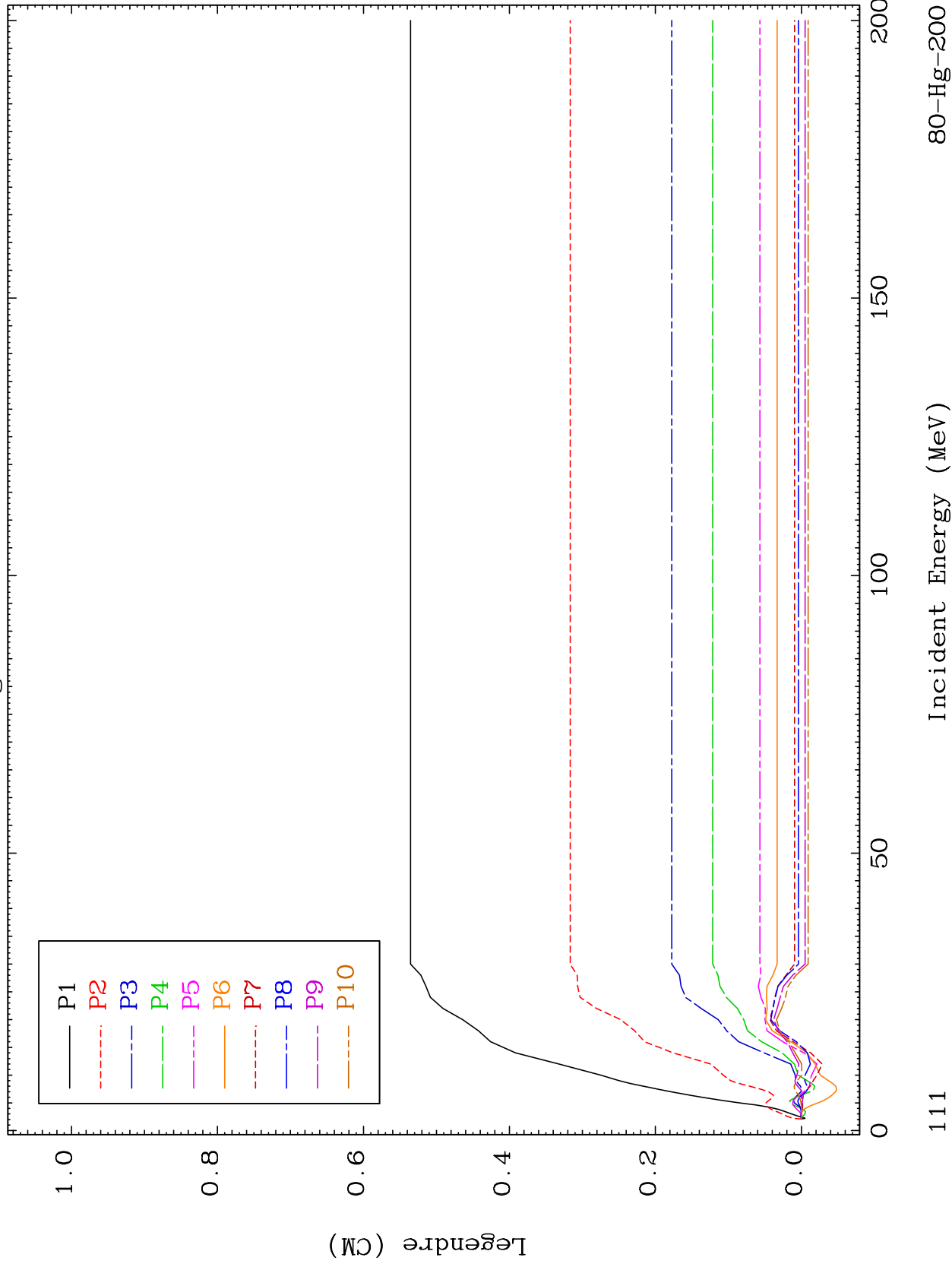




MAT 8037

2.074 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



111

Incident Energy (MeV)

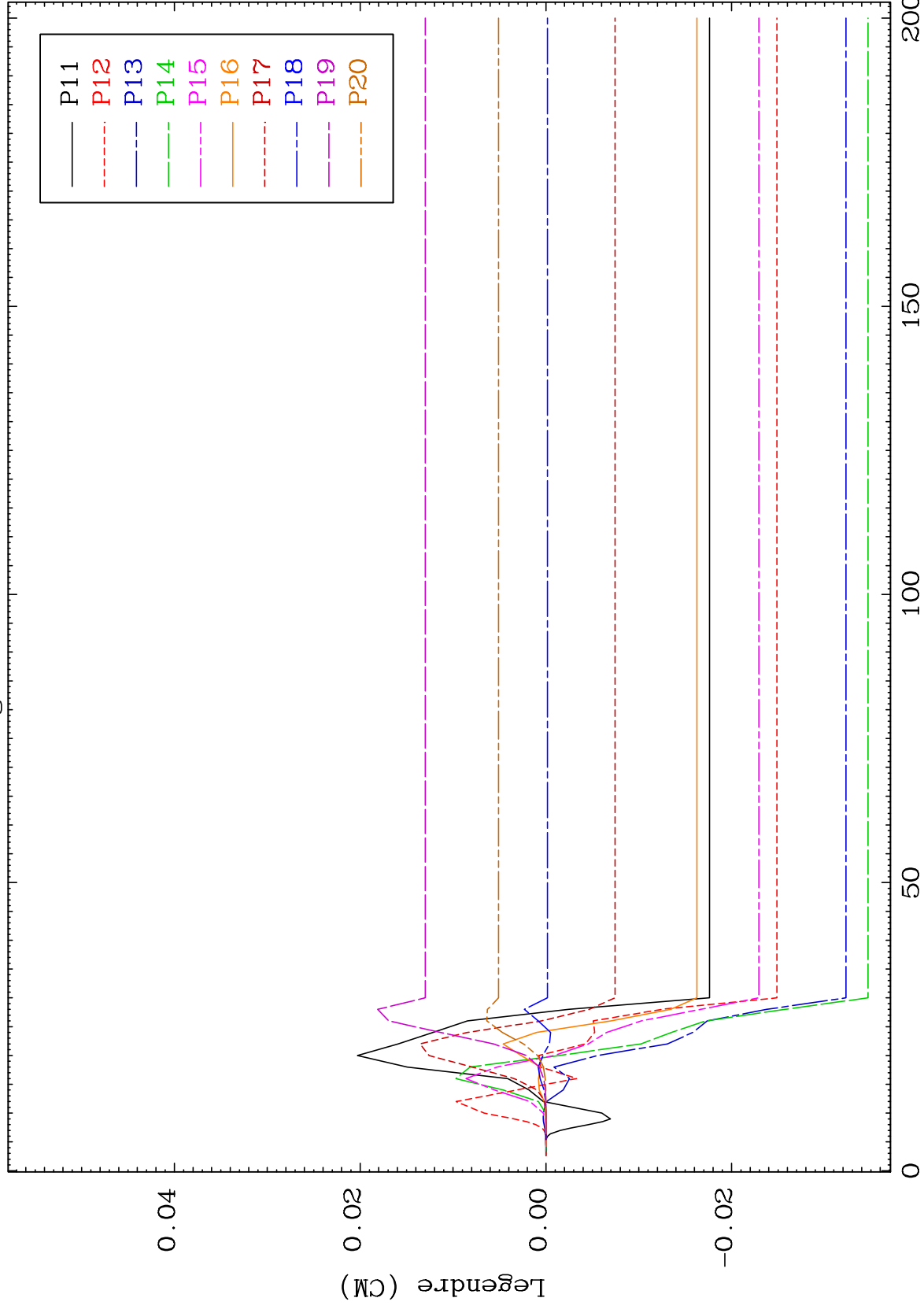
80-Hg-200



MAT 8037

2.074 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



112

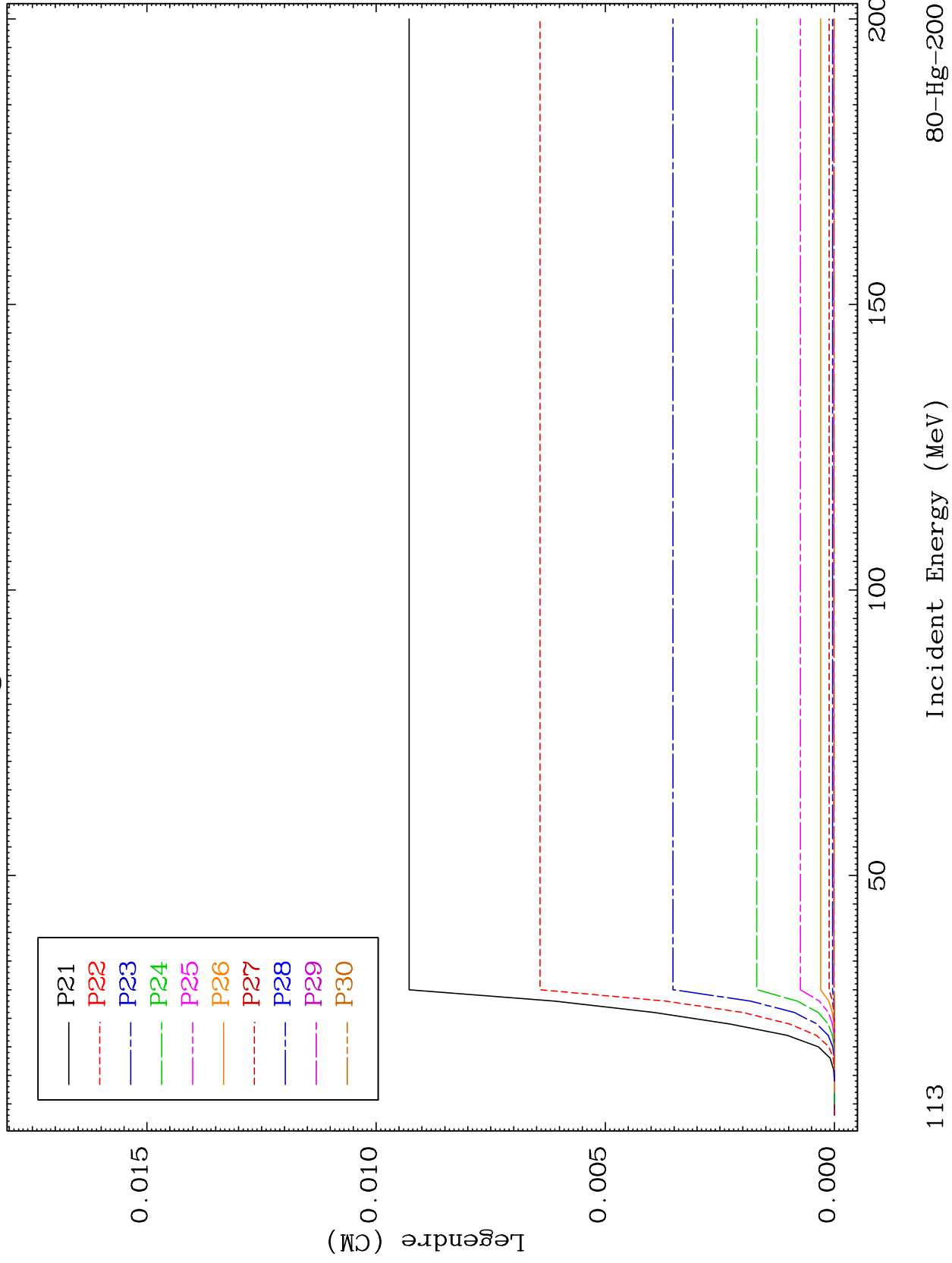
Incident Energy (MeV)

80-Hg-200

MAT 8037

2.074 MeV (n,n') Level  
Legendre Coefficients

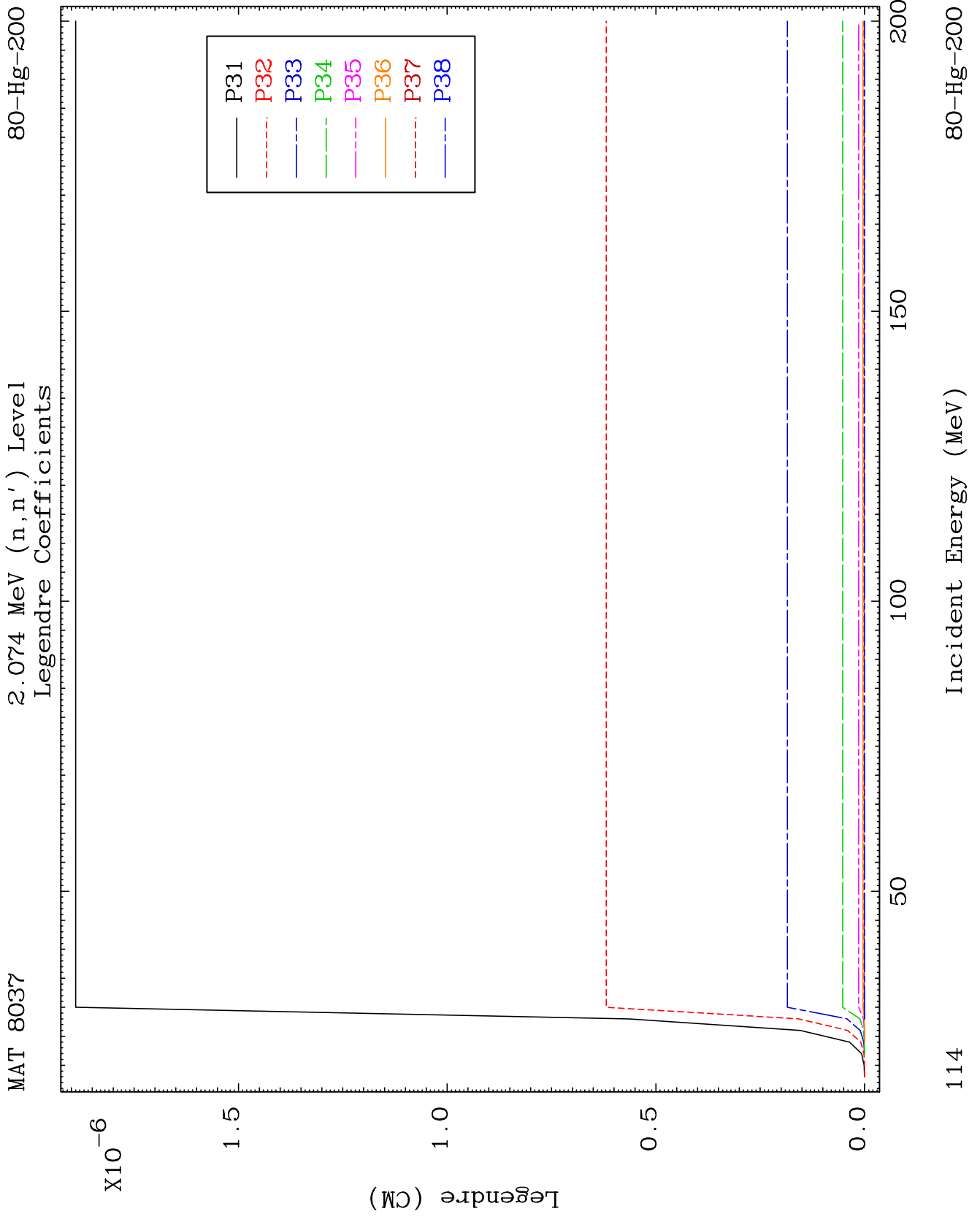
80-Hg-200



113

Incident Energy (MeV)

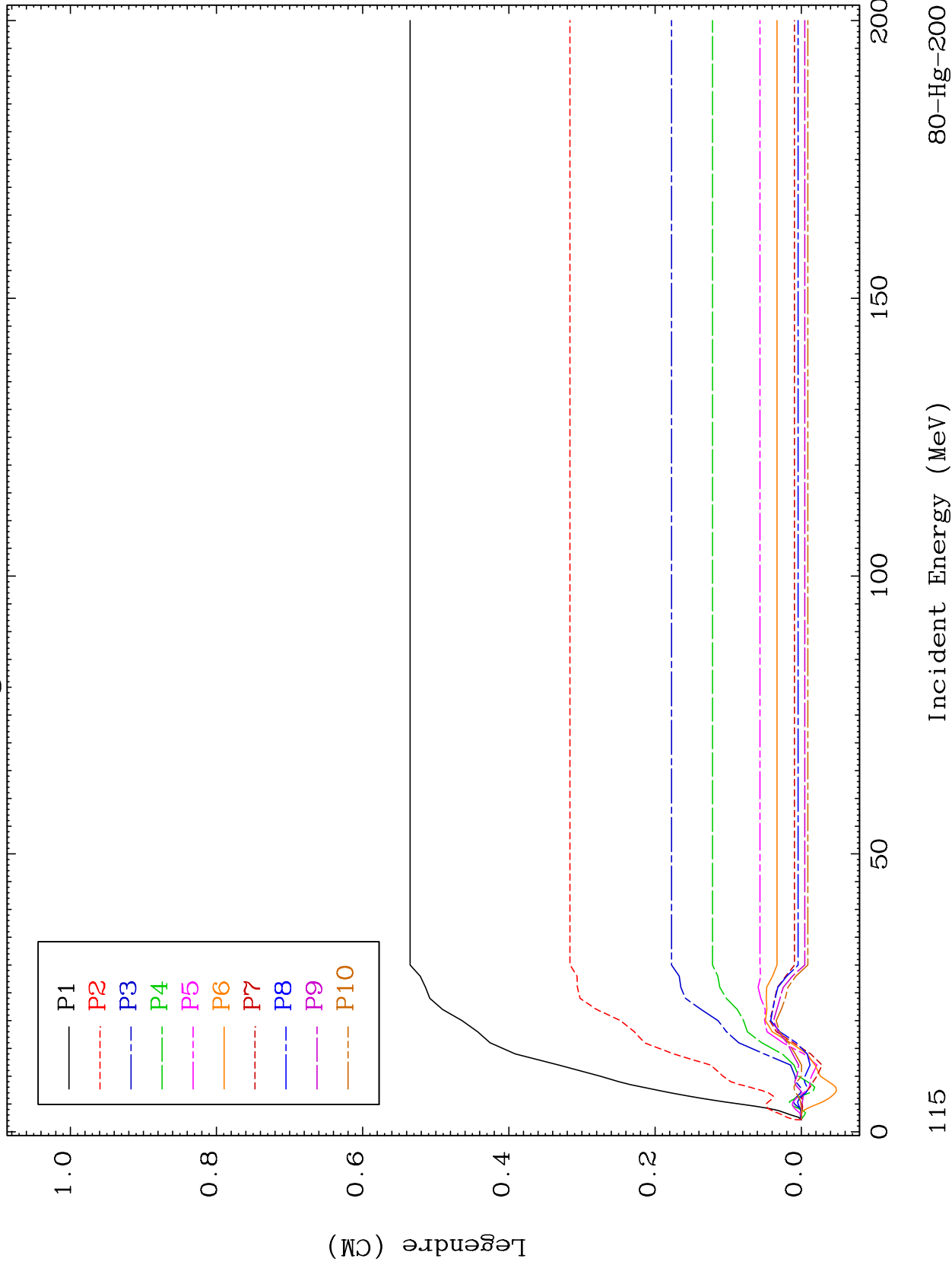
80-Hg-200



MAT 8037

2.114 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



80-Hg-200

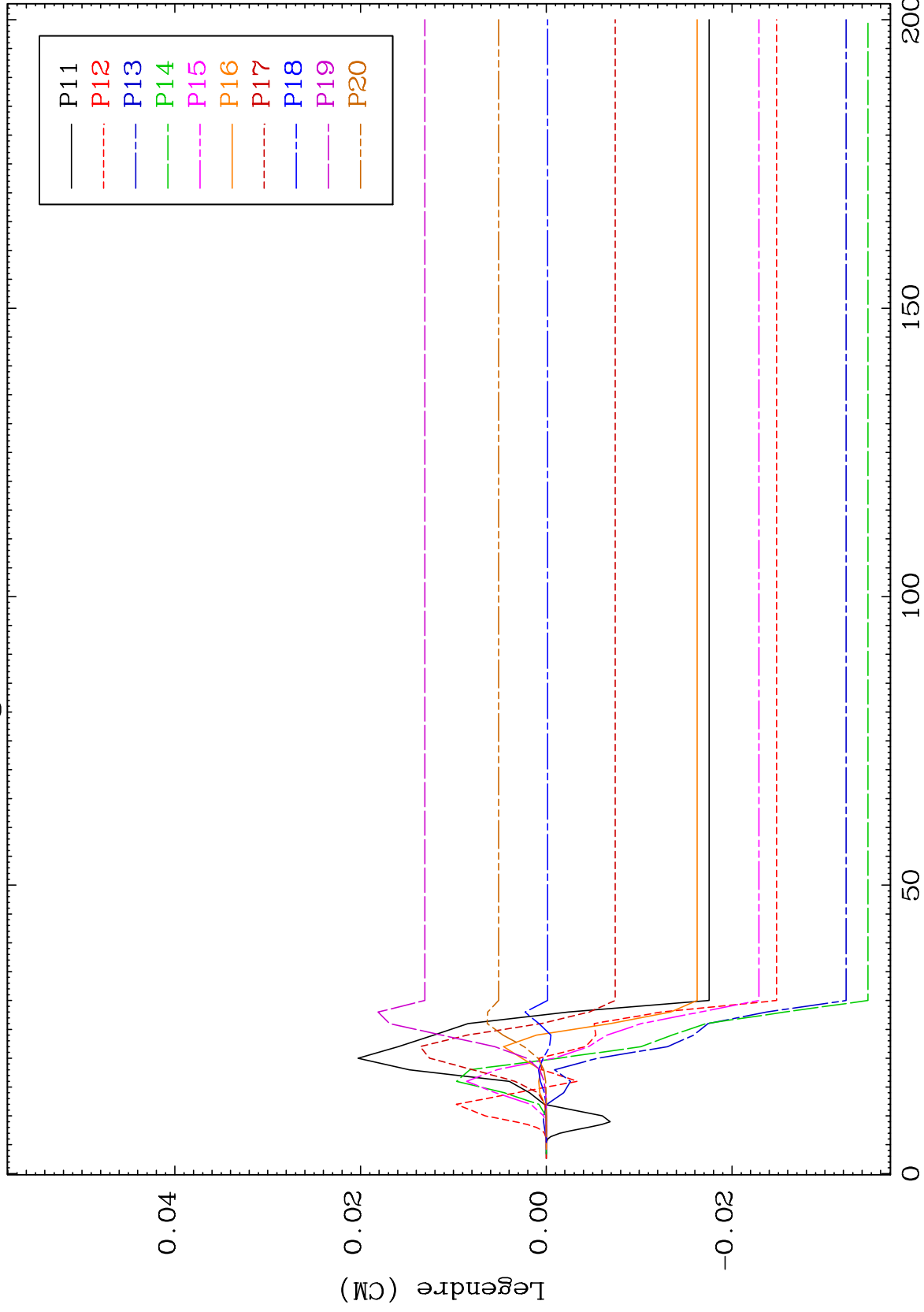
Incident Energy (MeV)

115

MAT 8037

2.114 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



116

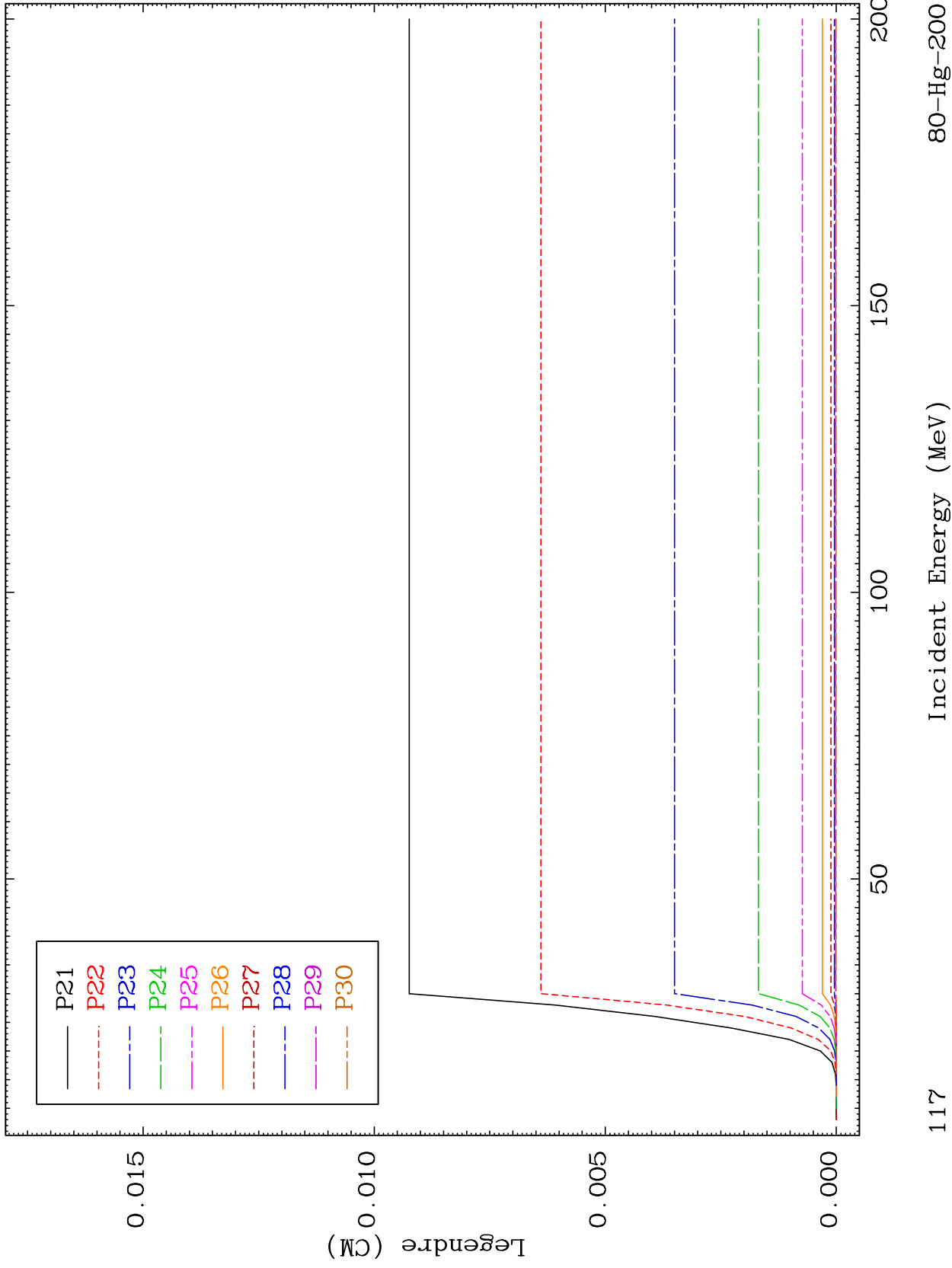
Incident Energy (MeV)

80-Hg-200

MAT 8037

2.114 MeV (n,n') Level  
Legendre Coefficients

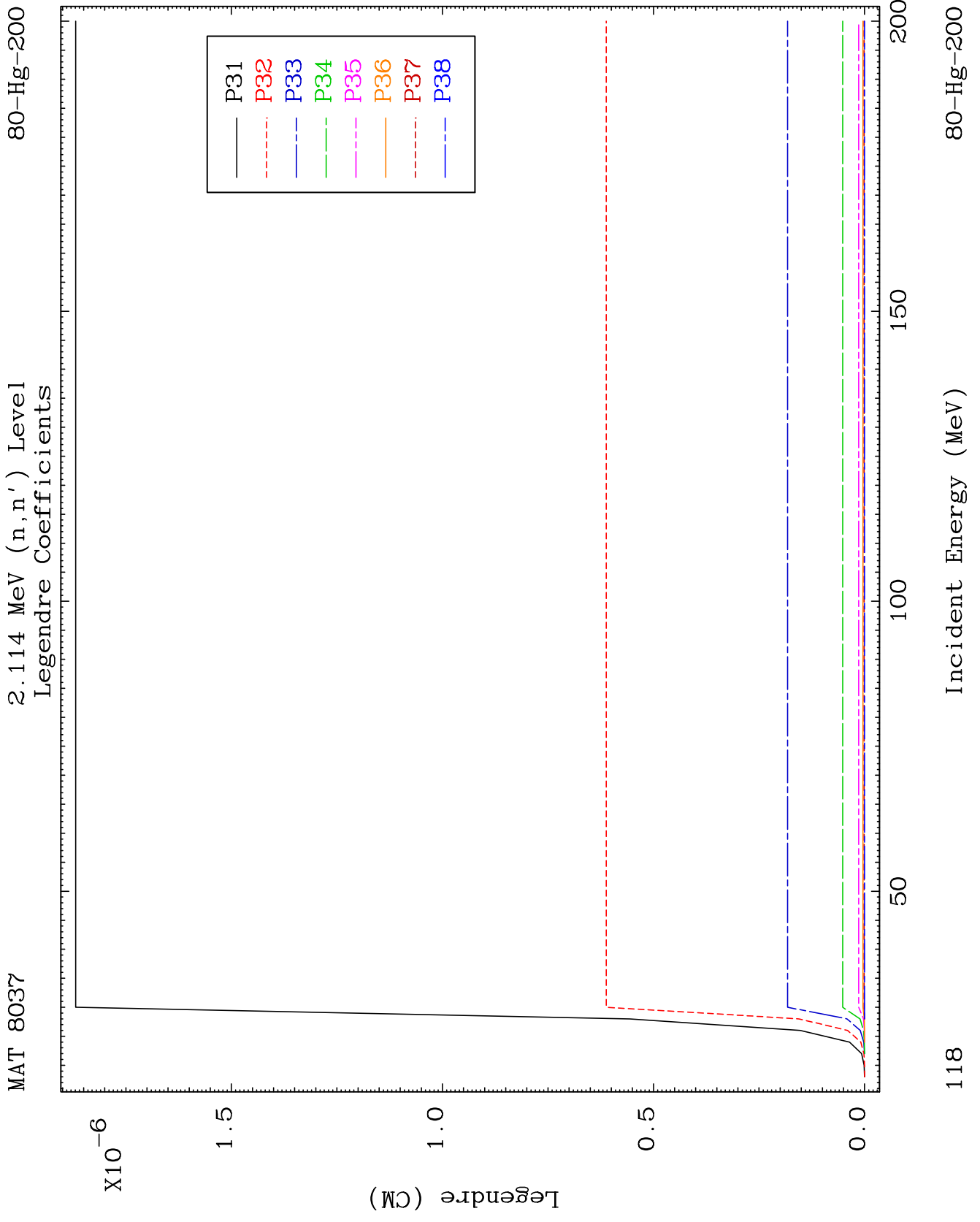
80-Hg-200



117

Incident Energy (MeV)

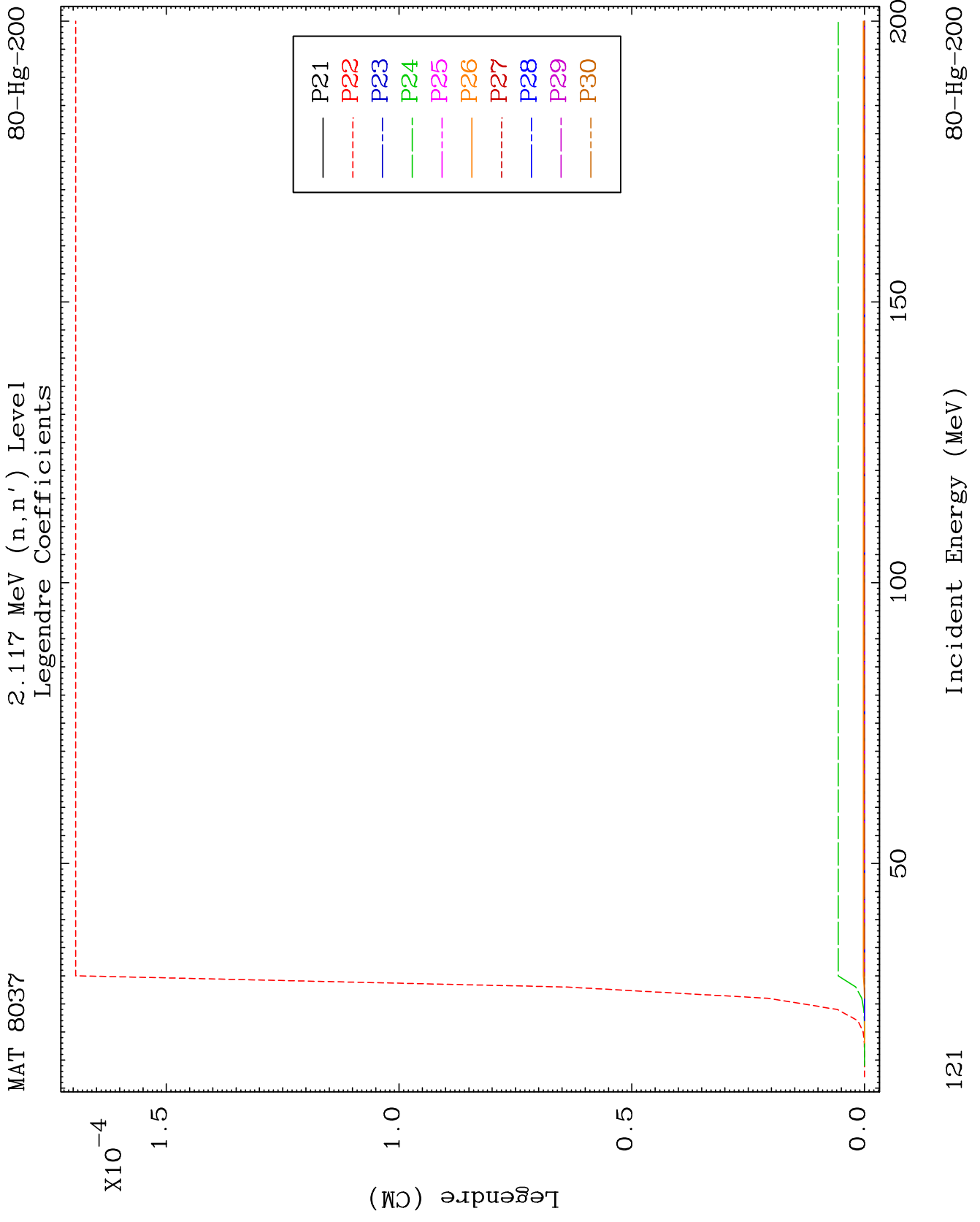
80-Hg-200







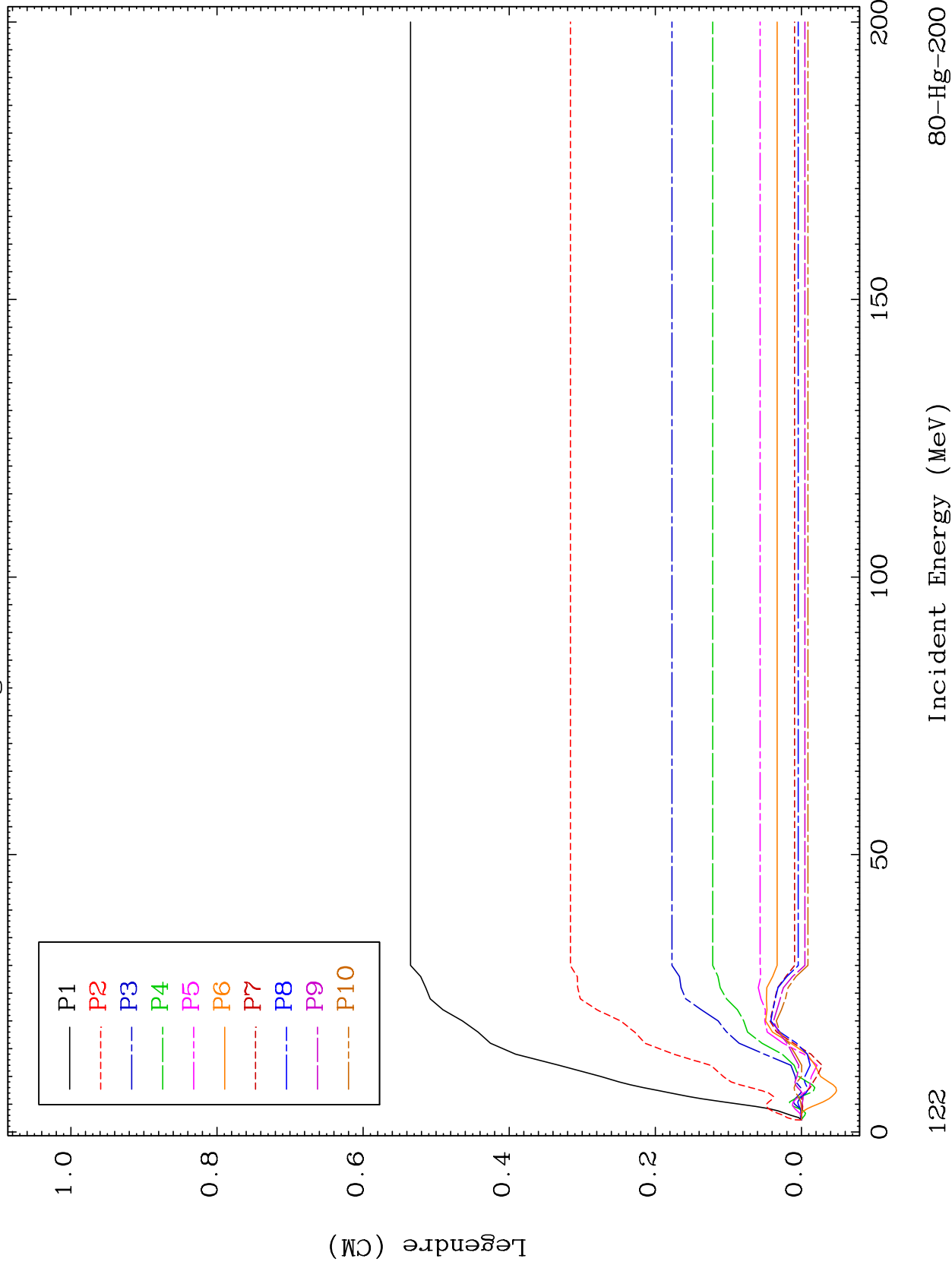




MAT 8037

2.127 MeV (n, n') Level  
Legendre Coefficients

80-Hg-200



122

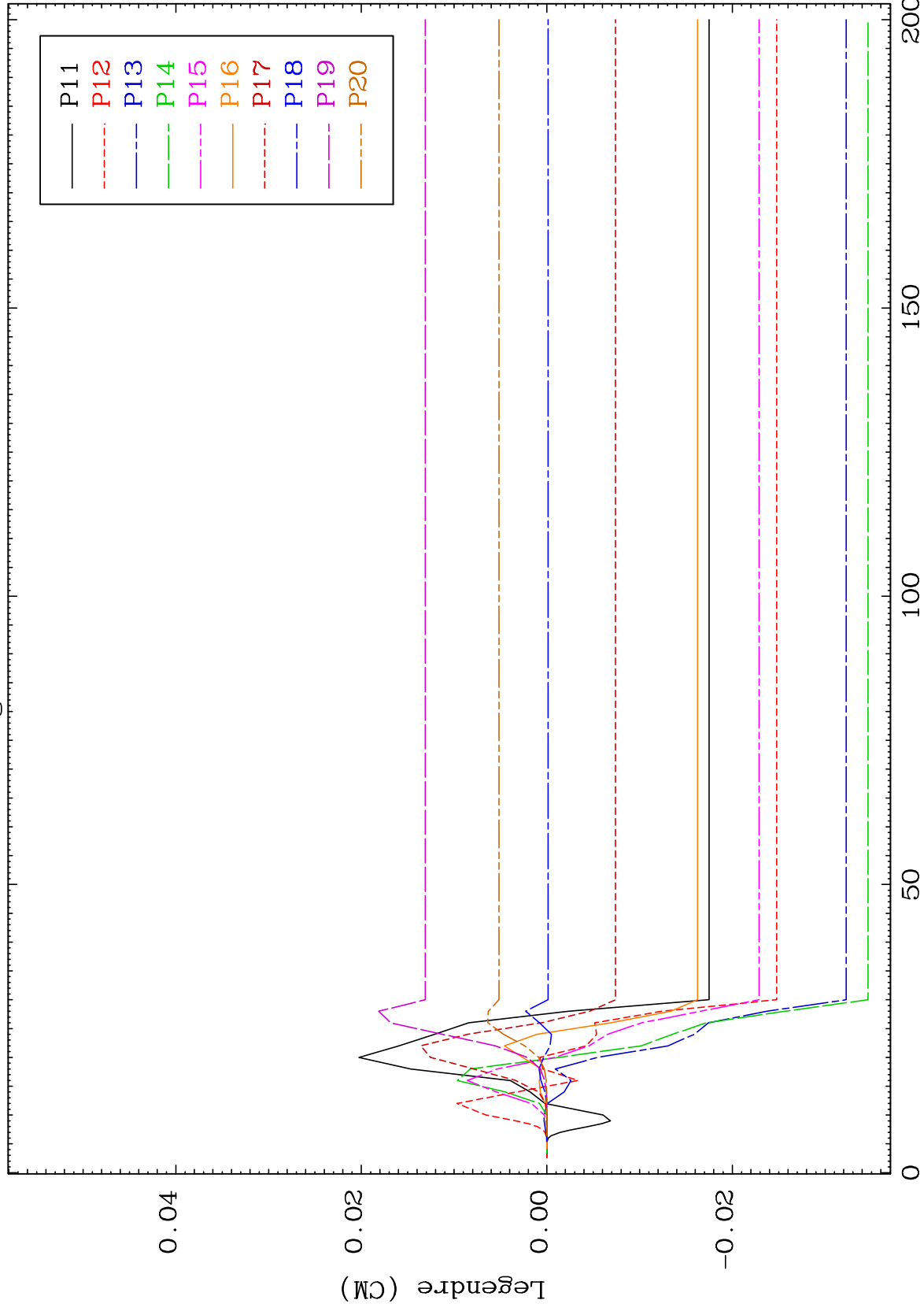
Incident Energy (MeV)

80-Hg-200

MAT 8037

2.127 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



123

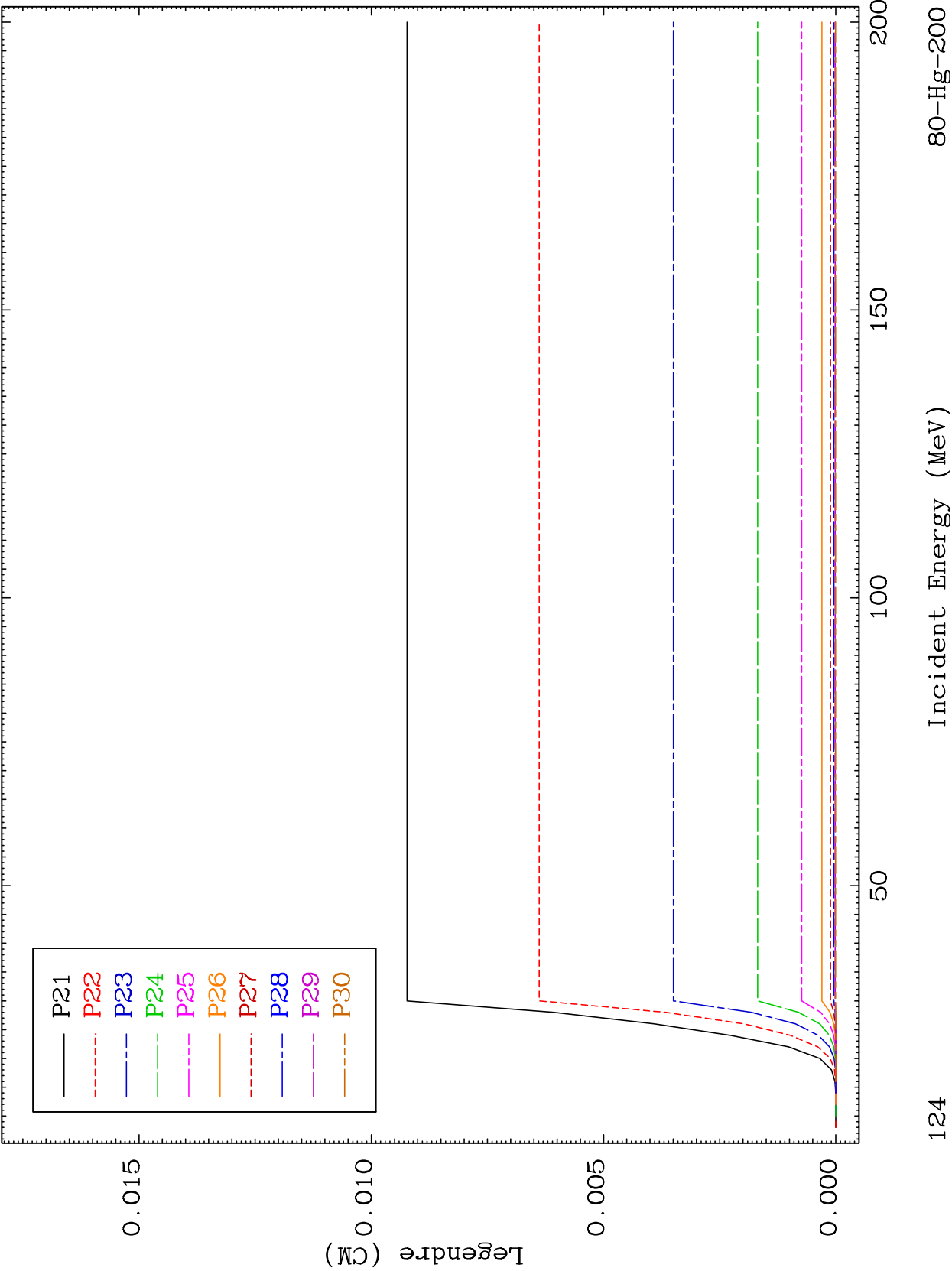
Incident Energy (MeV)

80-Hg-200

MAT 8037

2.127 MeV (n,n') Level  
Legendre Coefficients

80-Hg-200



124

Incident Energy (MeV)

80-Hg-200

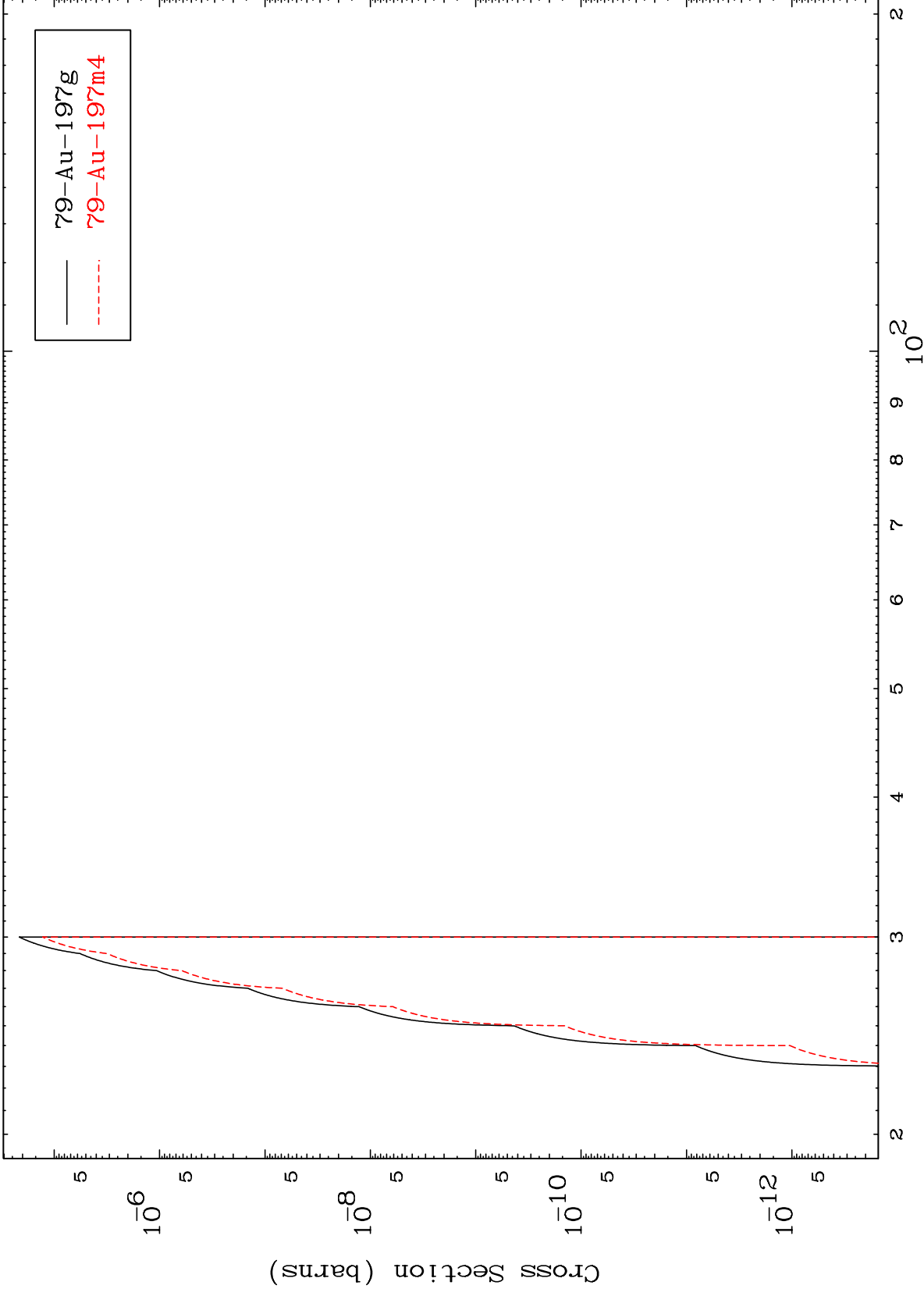


MAT 8037

(n,2n) d

80-Hg-200

Radionuclide Production Cross Section



126

Incident Energy (MeV)

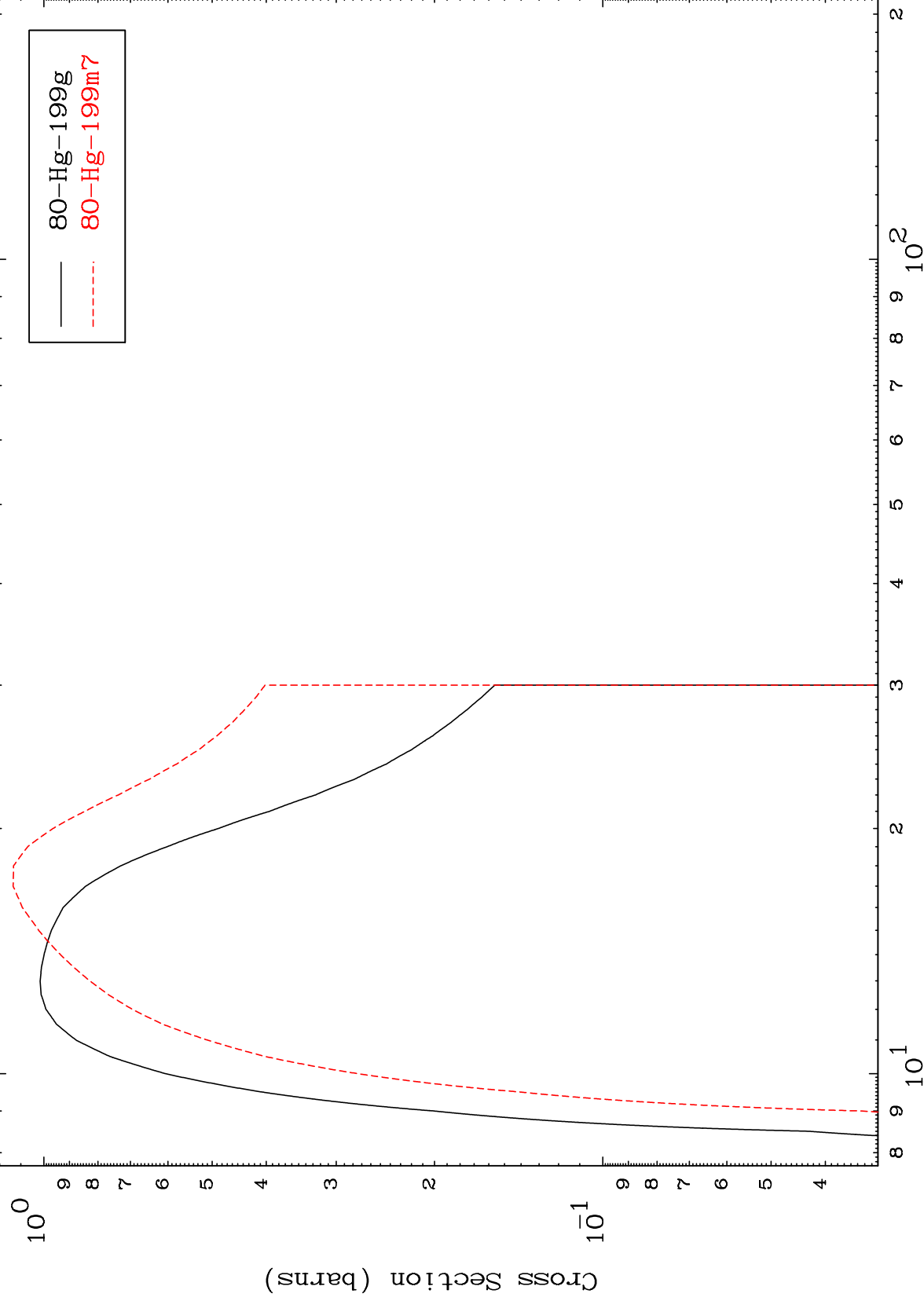
80-Hg-200

MAT 8037

(n,2n)

80-Hg-200

Radionuclide Production Cross Section



127

Incident Energy (MeV)

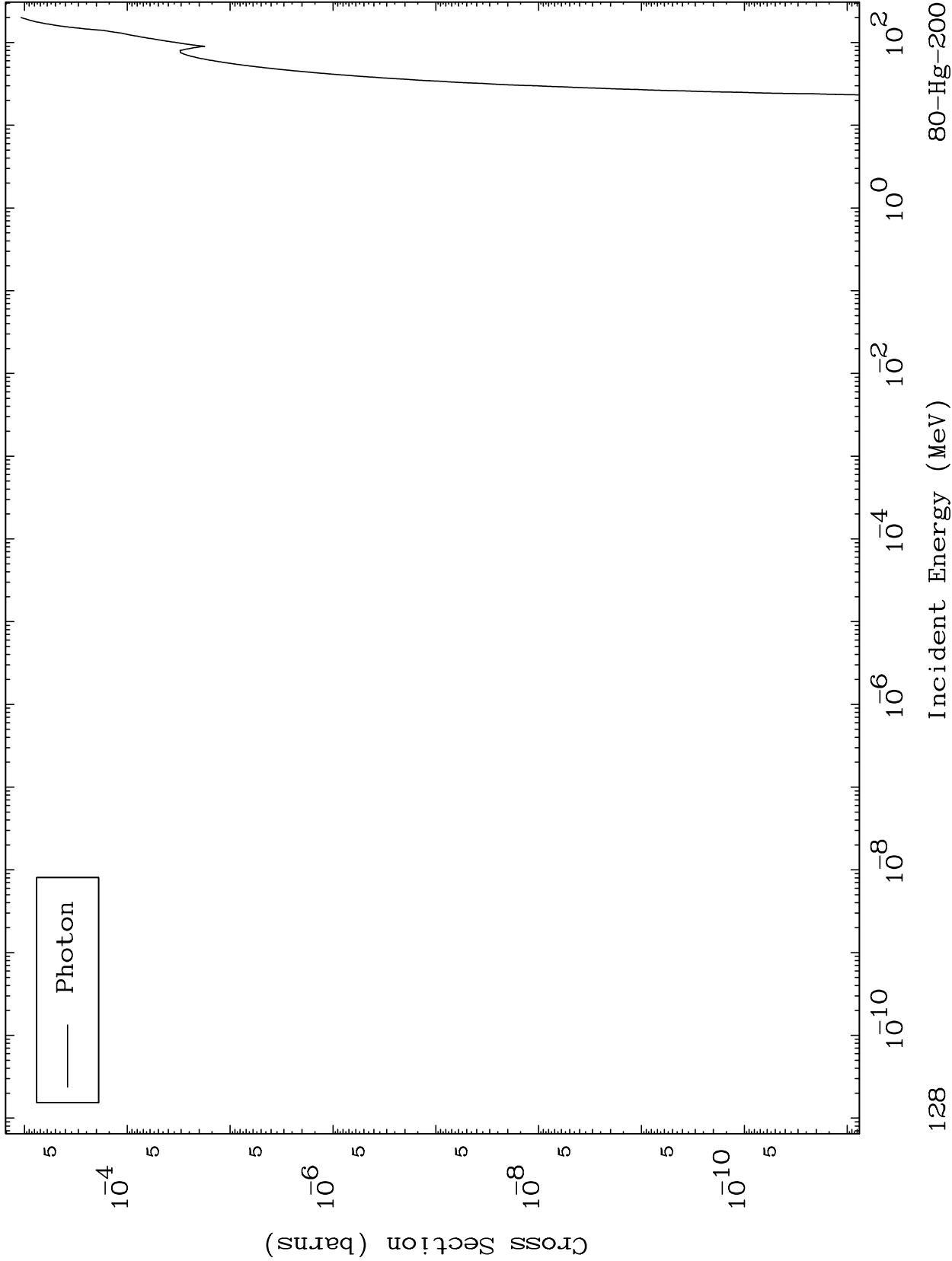
80-Hg-200



MAT 8037

Fission  
Radionuclide Production Cross Section

80-Hg-200

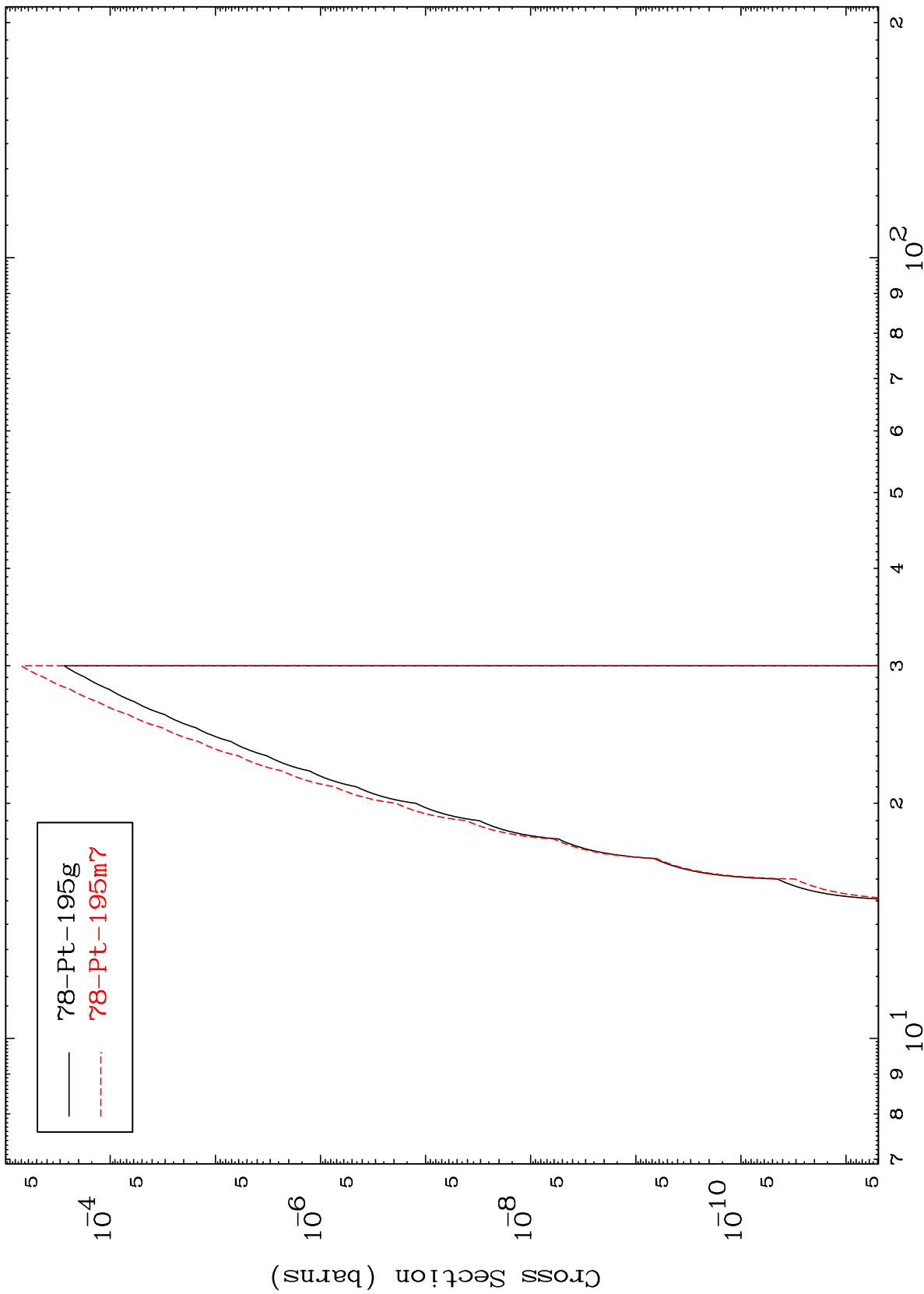


MAT 8037

$(n,2n) \alpha$

80-Hg-200

Radionuclide Production Cross Section



129

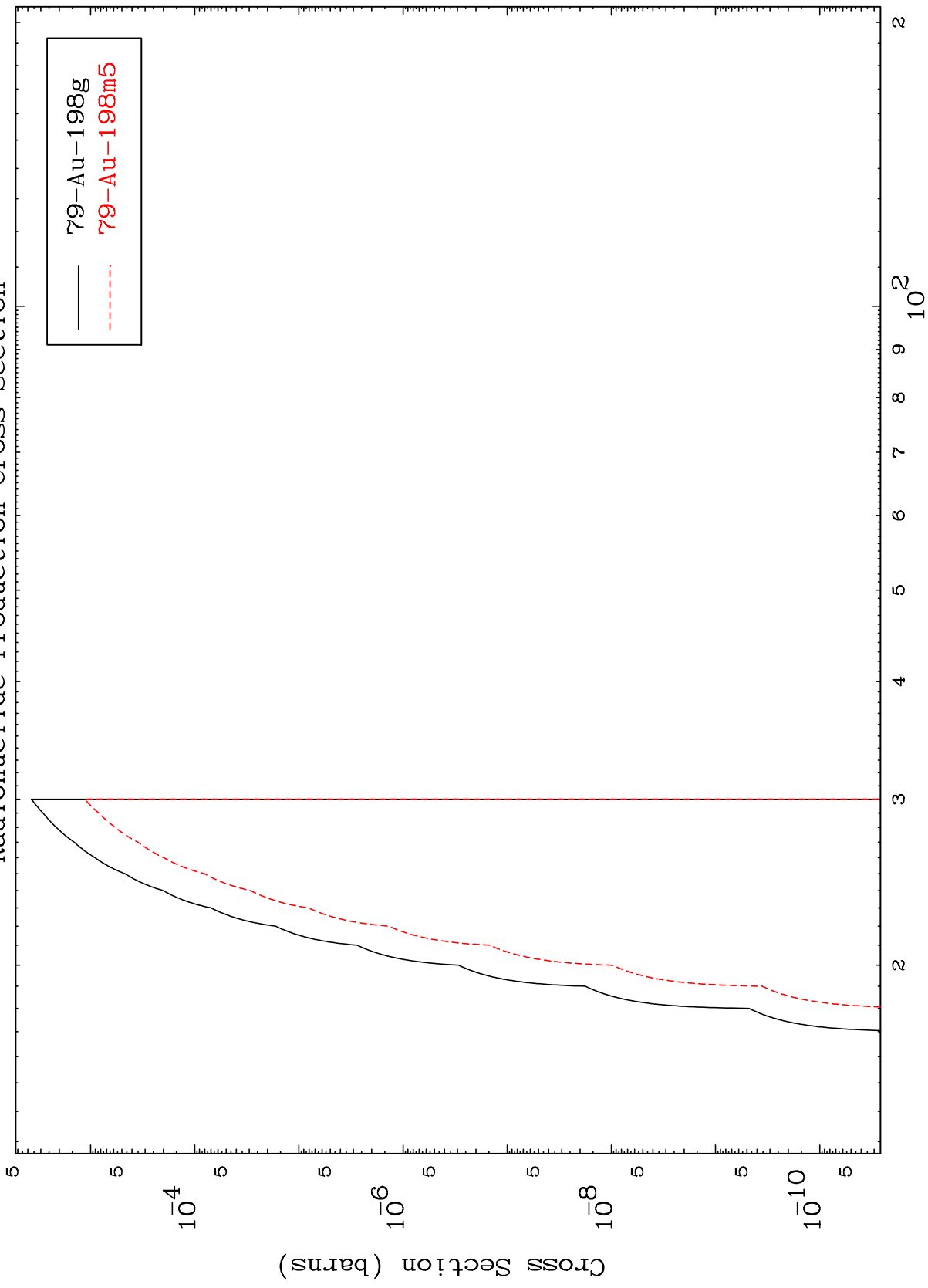
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

$(n, n')$  d  
Radionuclide Production Cross Section



130

Incident Energy (MeV)

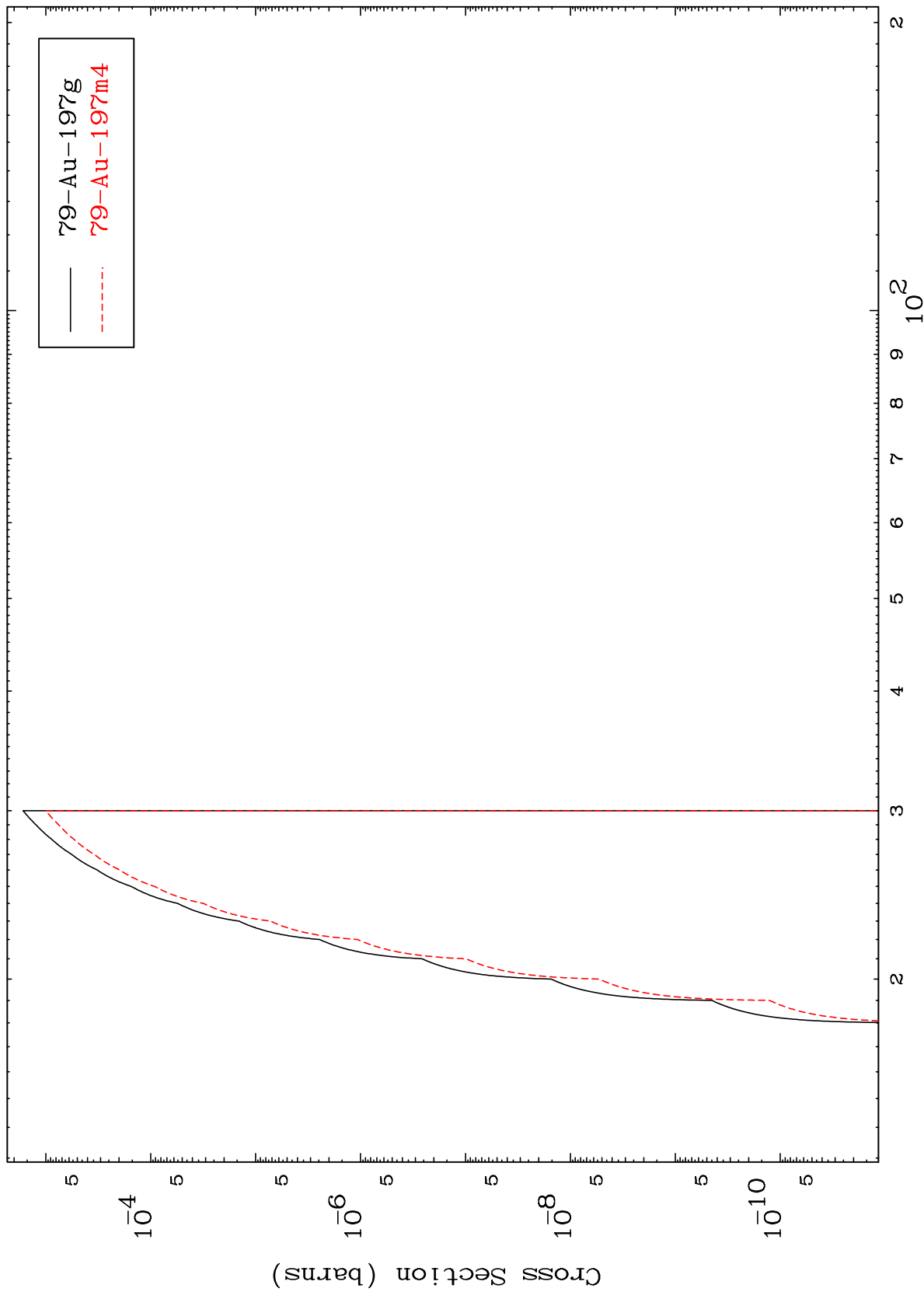
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

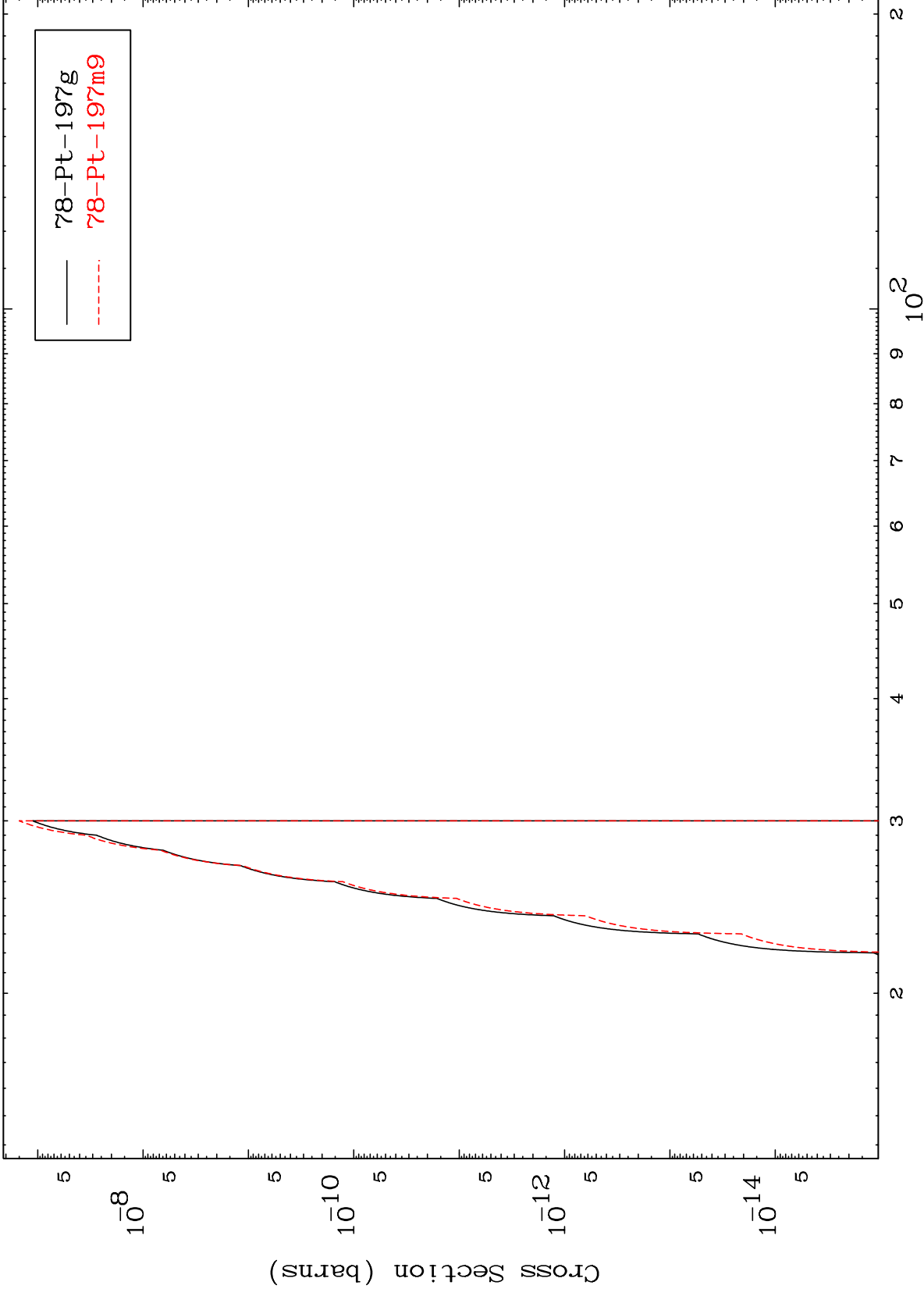
80-Hg-200

MAT 8037

(n,n') He-3

80-Hg-200

Radionuclide Production Cross Section



132

Incident Energy (MeV)

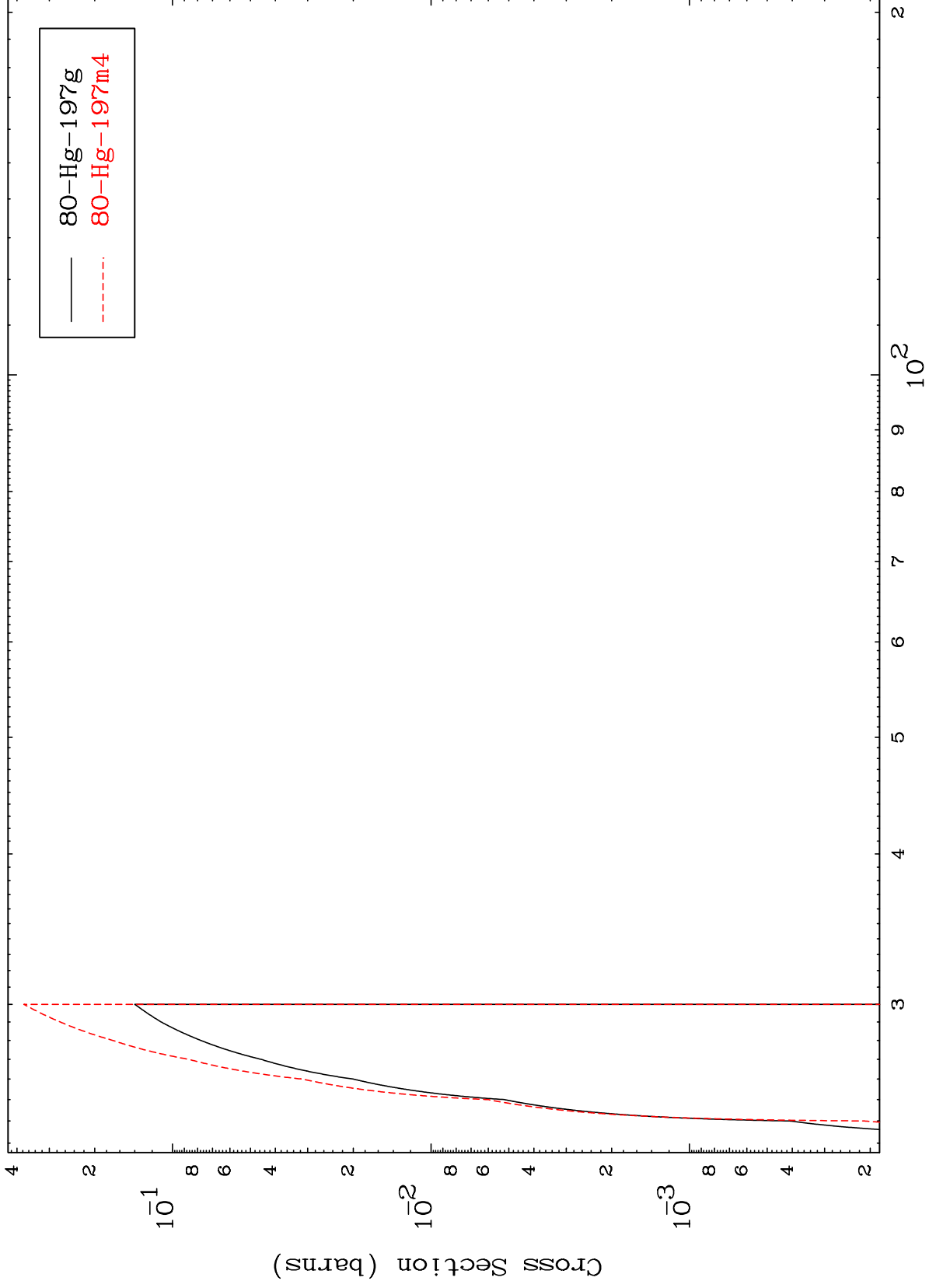
80-Hg-200

MAT 8037

(n,4n)

80-Hg-200

Radionuclide Production Cross Section



133

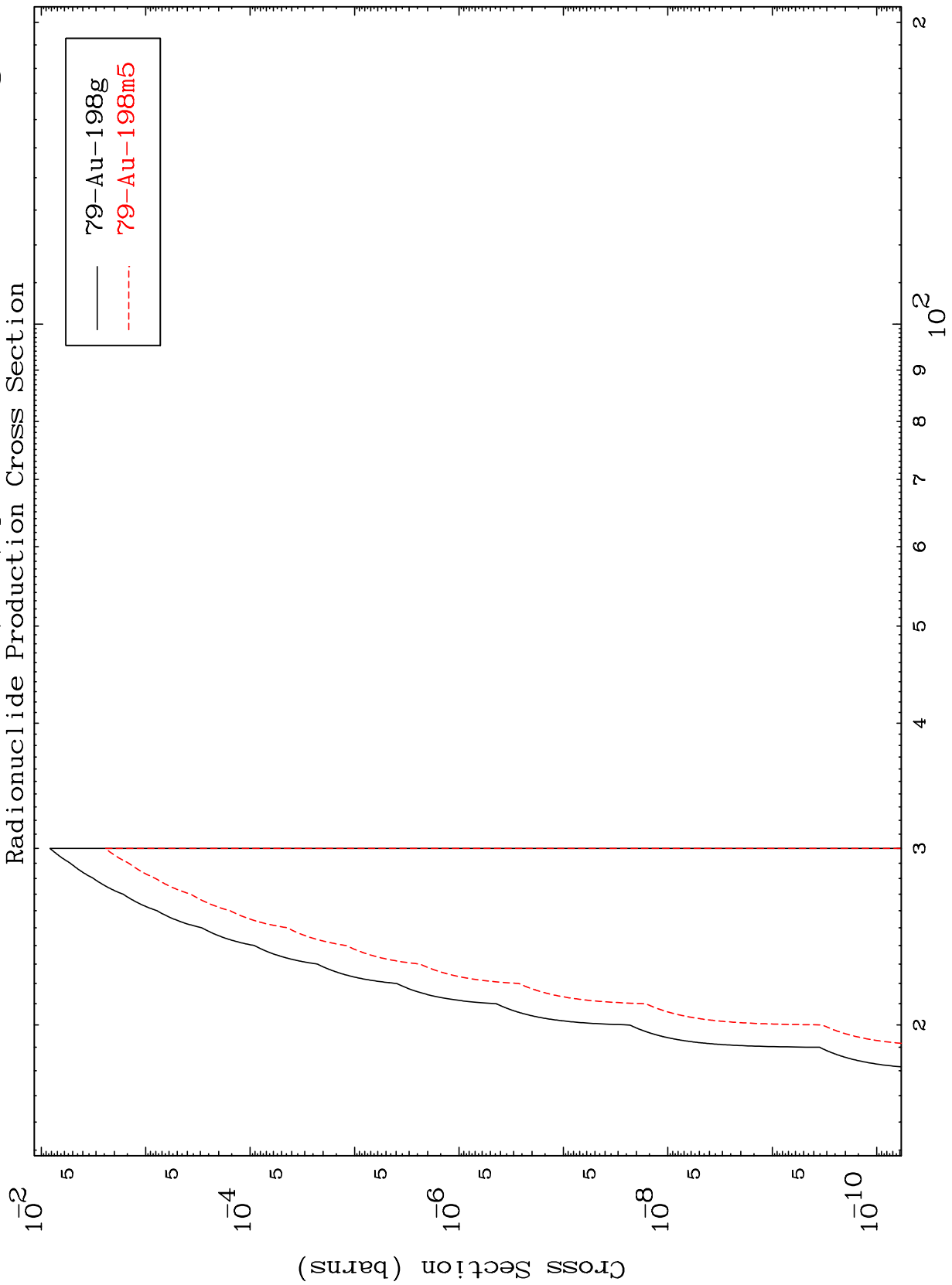
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,2n) p

80-Hg-200



134

Incident Energy (MeV)

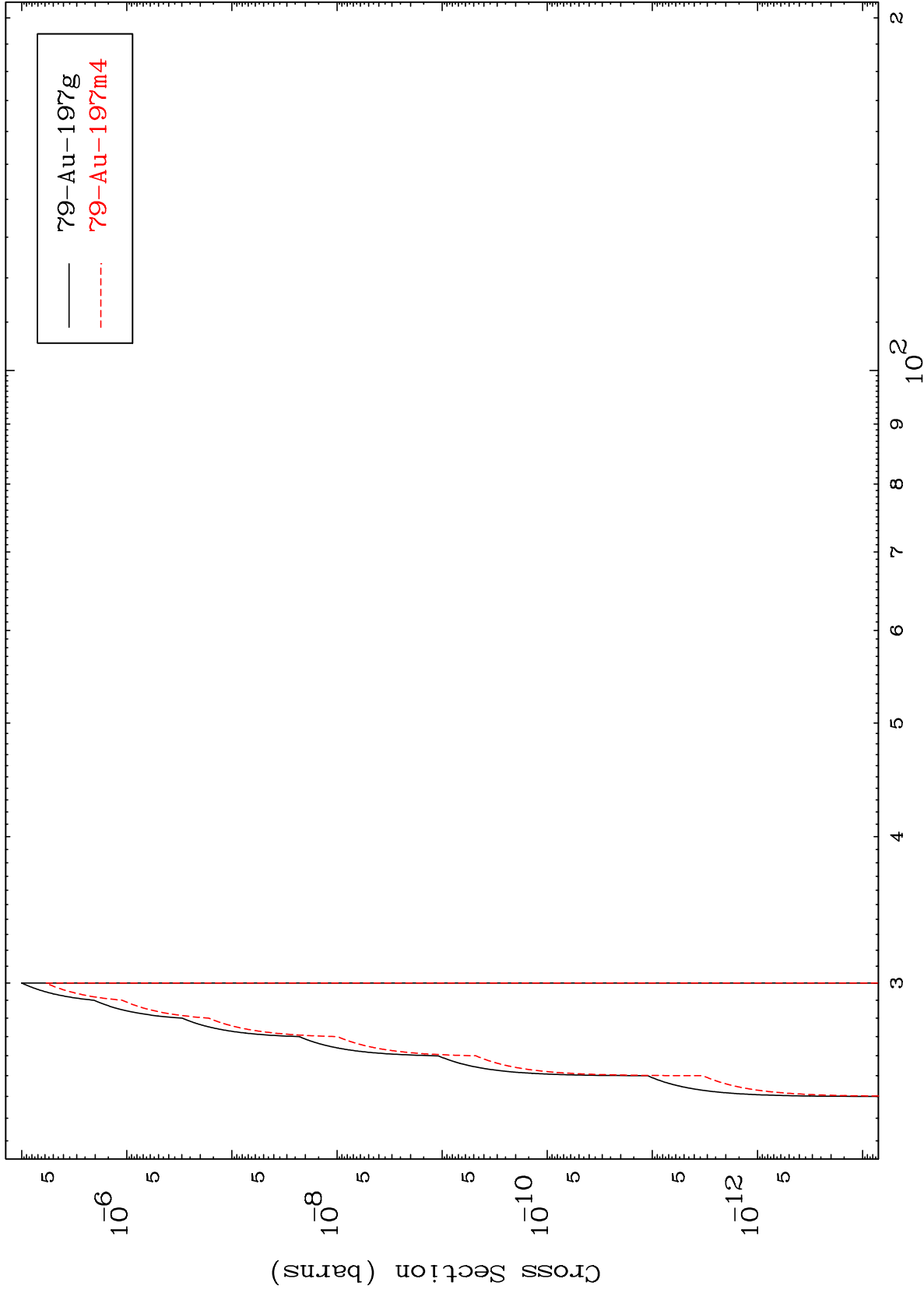
80-Hg-200

MAT 8037

(n,3n) p

80-Hg-200

Radionuclide Production Cross Section



135

Incident Energy (MeV)

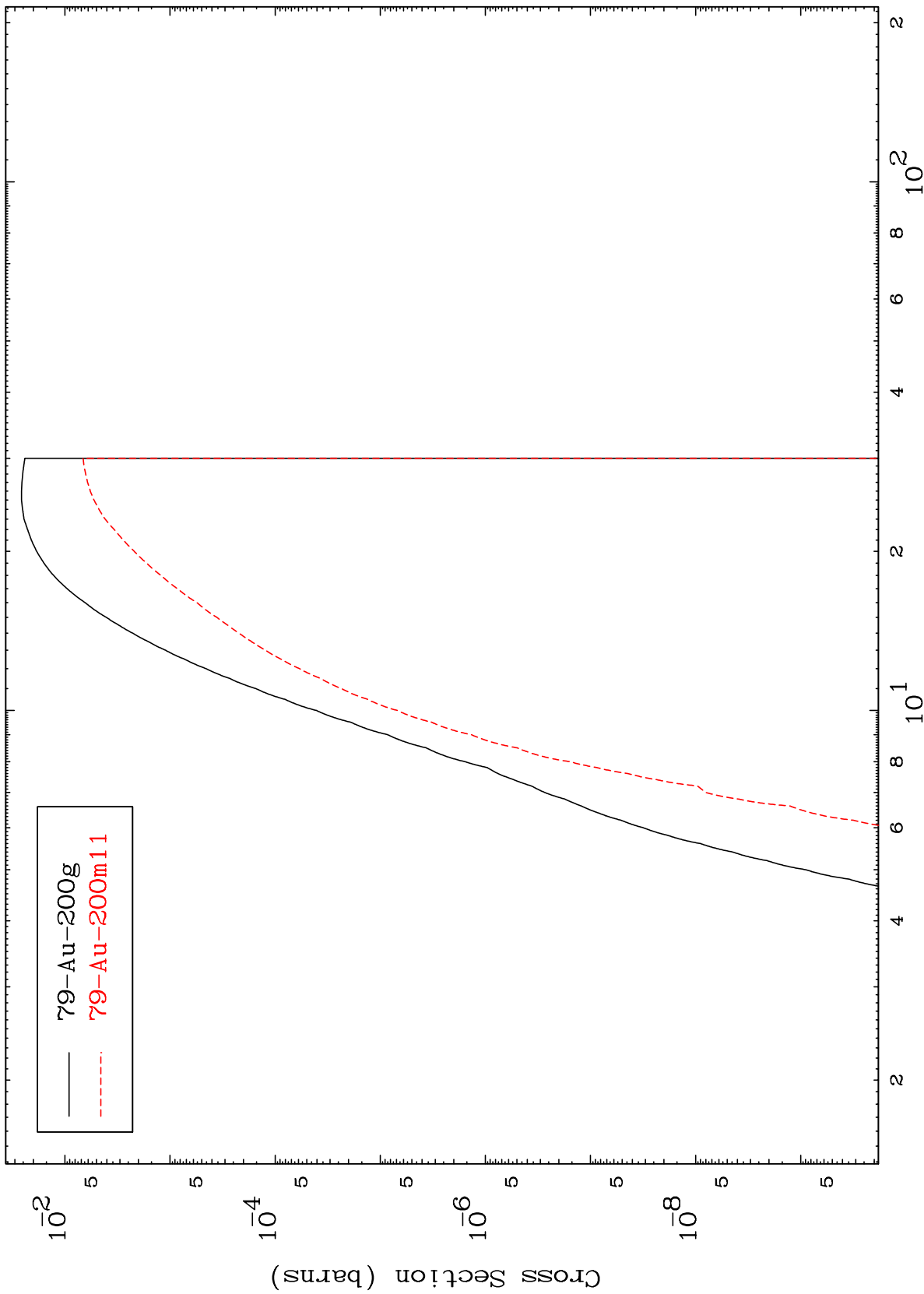
80-Hg-200



MAT 8037

80-Hg-200

(n,p)  
Radionuclide Production Cross Section



136

80-Hg-200

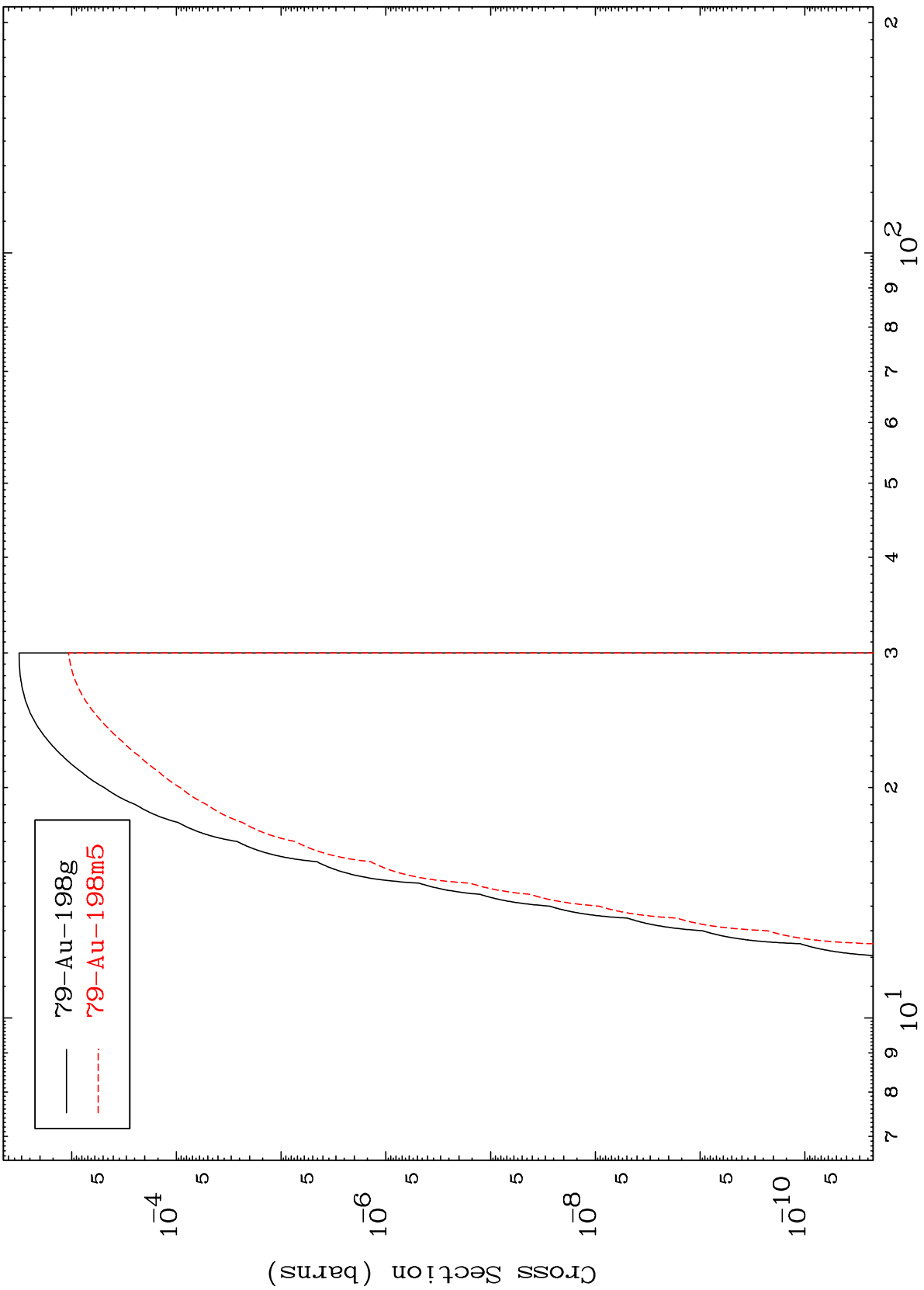
Incident Energy (MeV)

MAT 8037

80-Hg-200

Radionuclide Production Cross Section

(n, t)



79-Au-198g  
79-Au-198m5

137

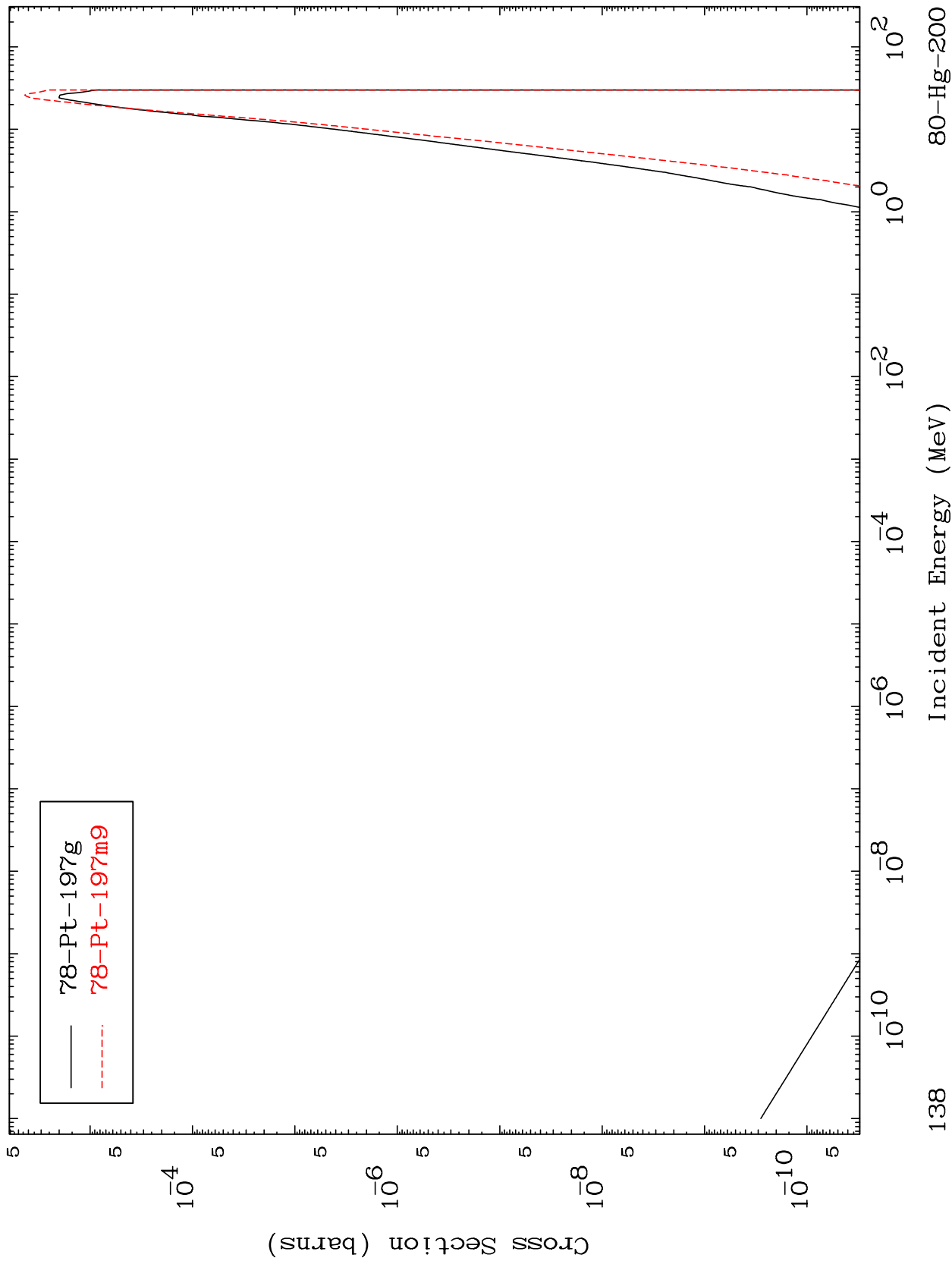
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

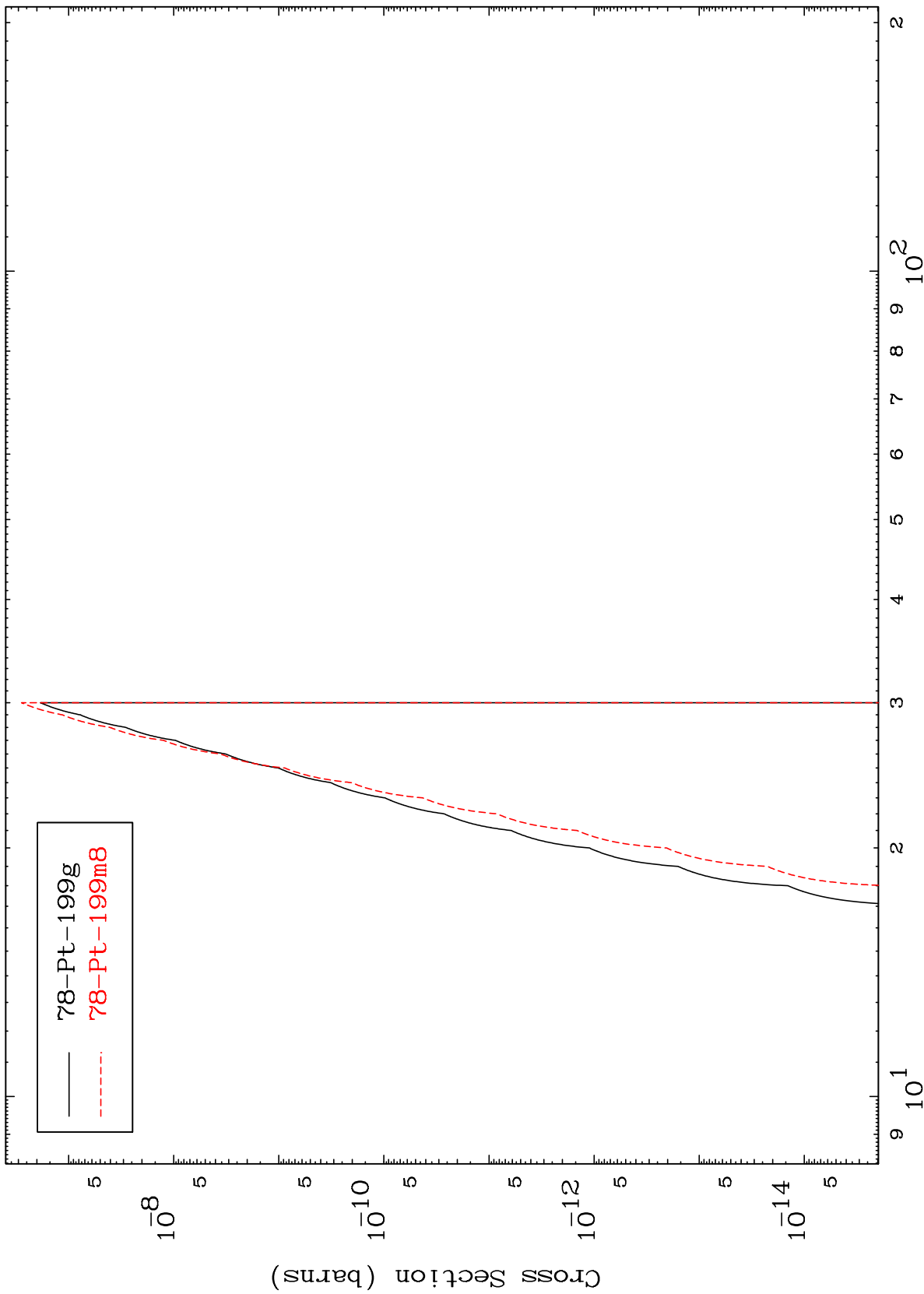
80-Hg-200



MAT 8037

80-Hg-200

(n,2p)  
Radionuclide Production Cross Section



139

Incident Energy (MeV)

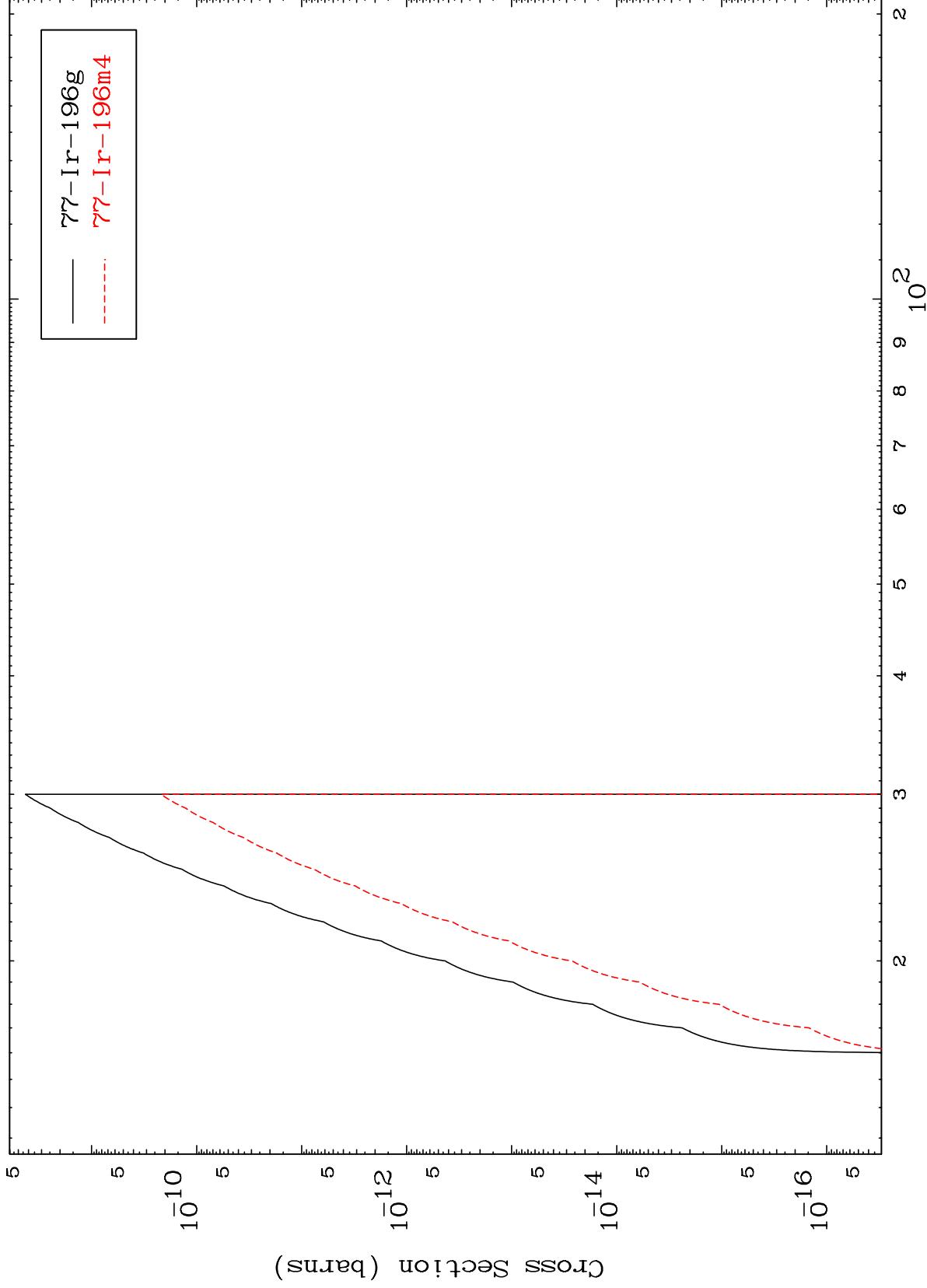
80-Hg-200

MAT 8037

(n,p)  $\alpha$

80-Hg-200

Radionuclide Production Cross Section



140

Incident Energy (MeV)

80-Hg-200