

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

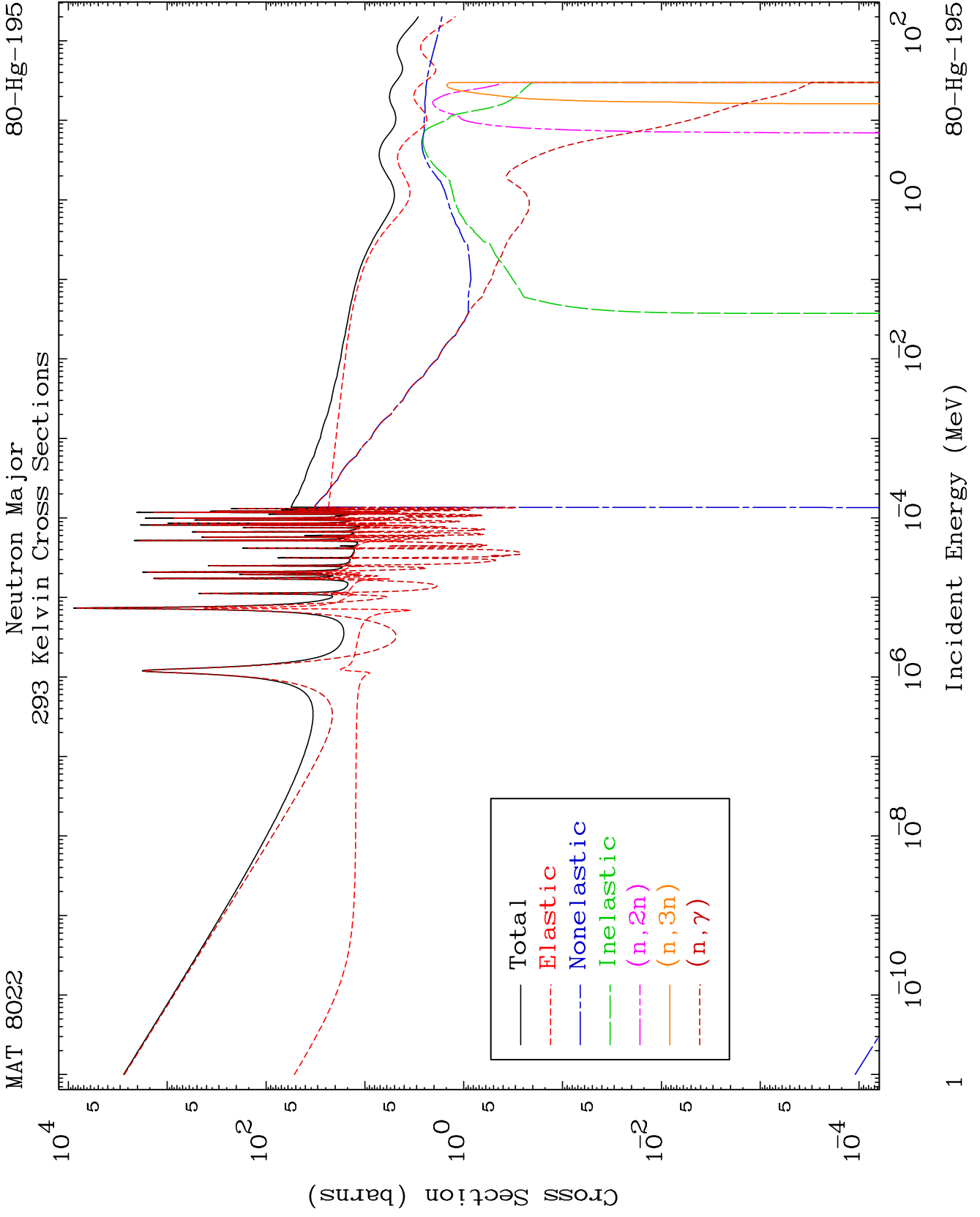
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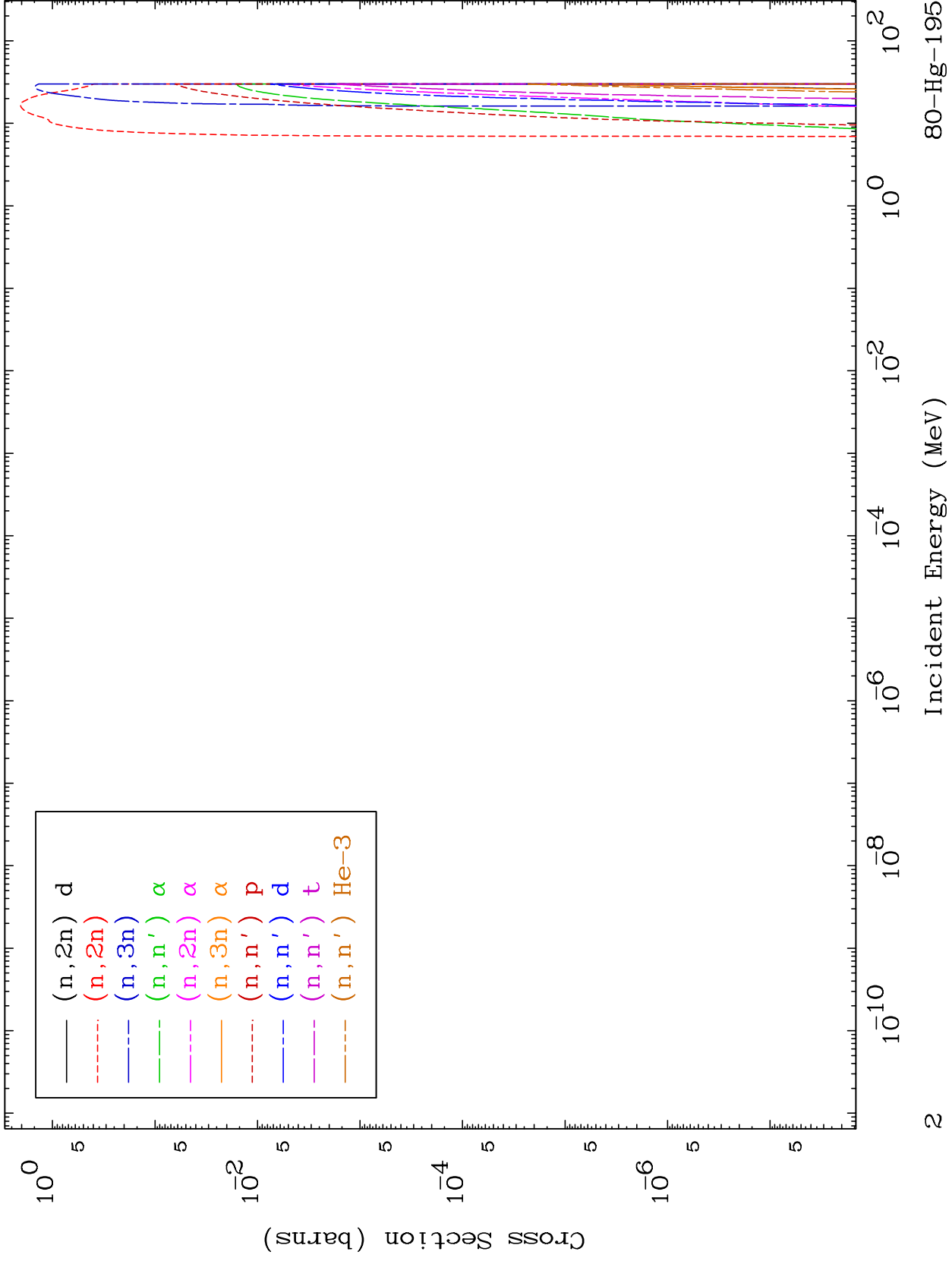
Press Mouse Button to Start

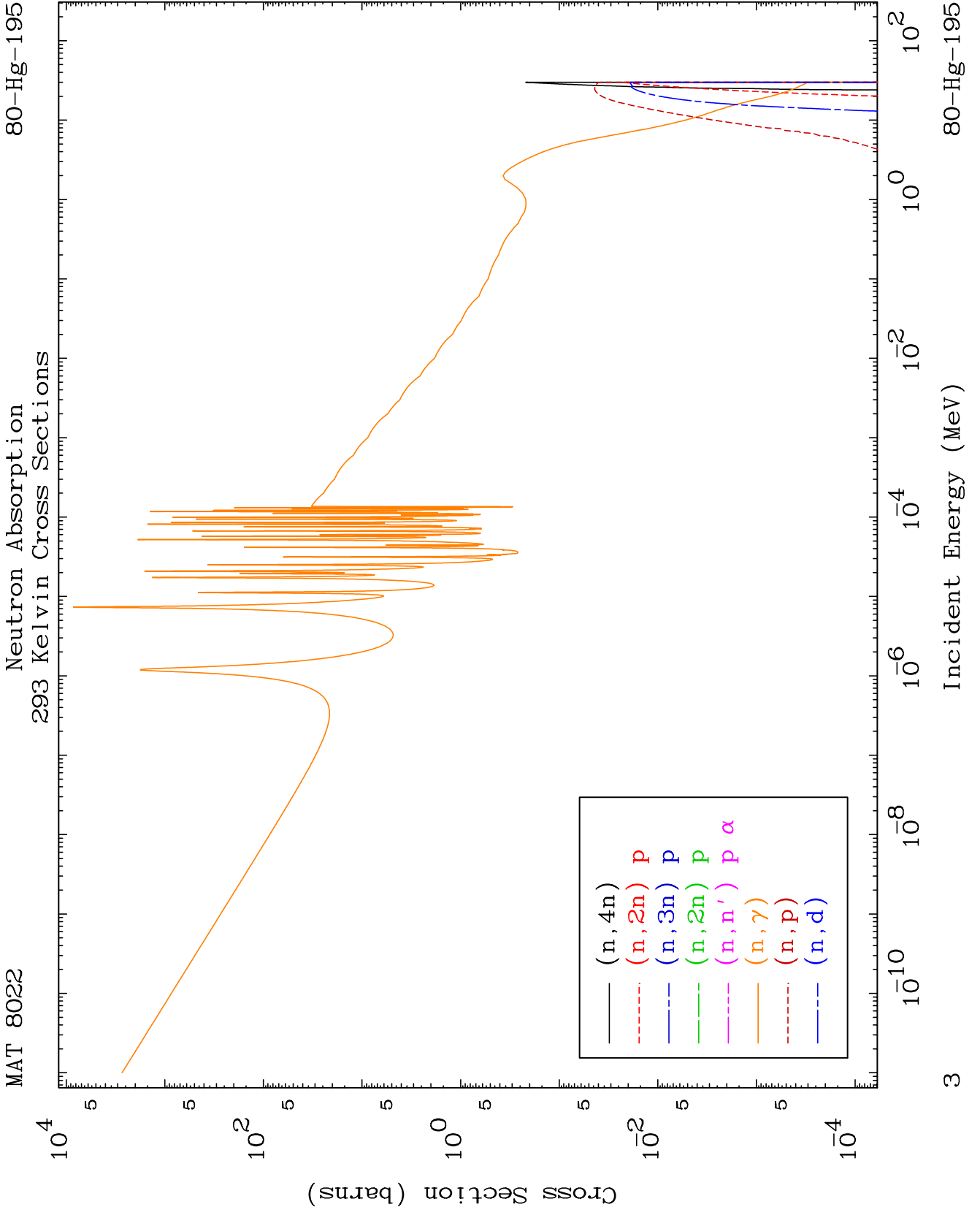


MAT 8022

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-195

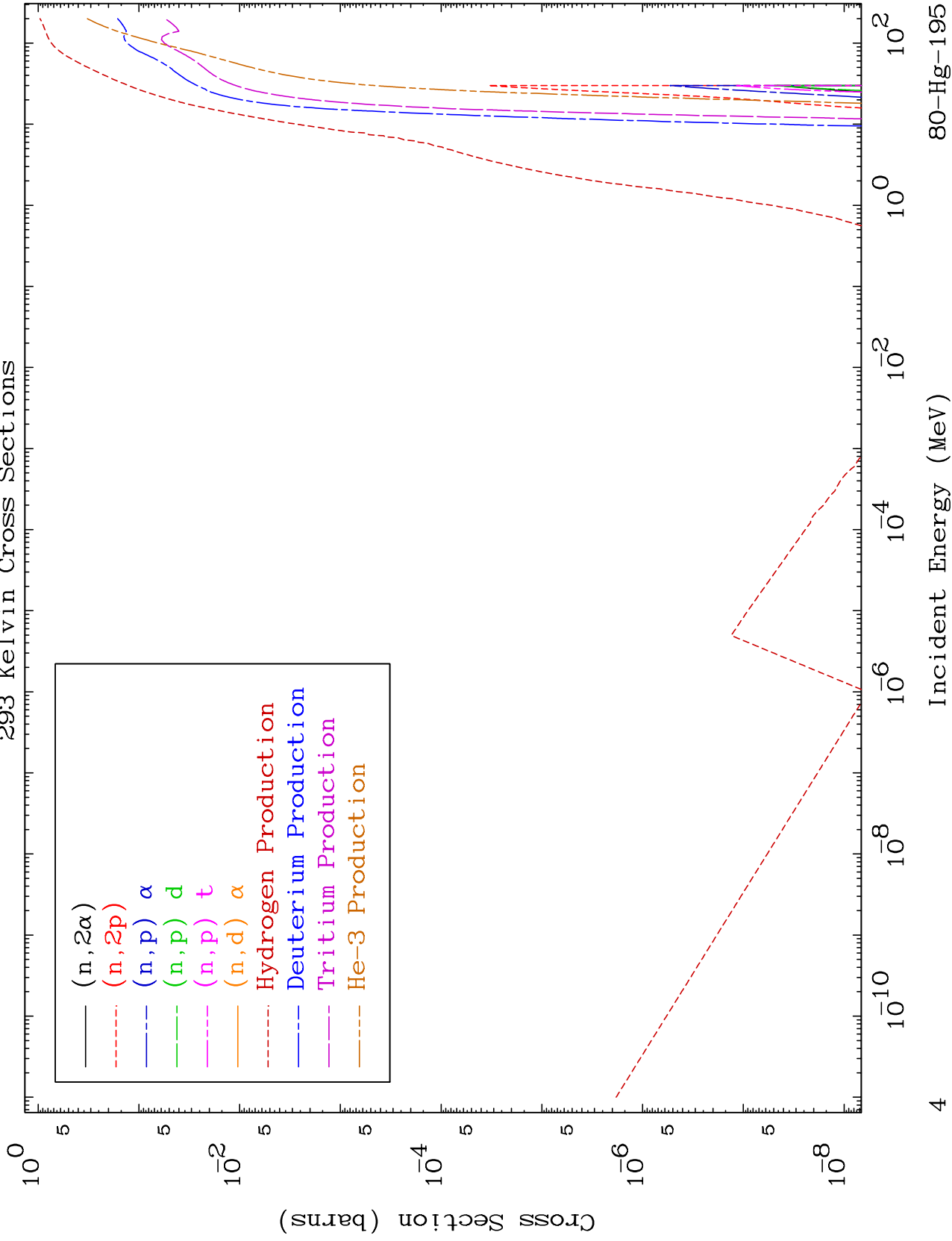




MAT 8022

Neutron Absorption  
293 Kelvin Cross Sections

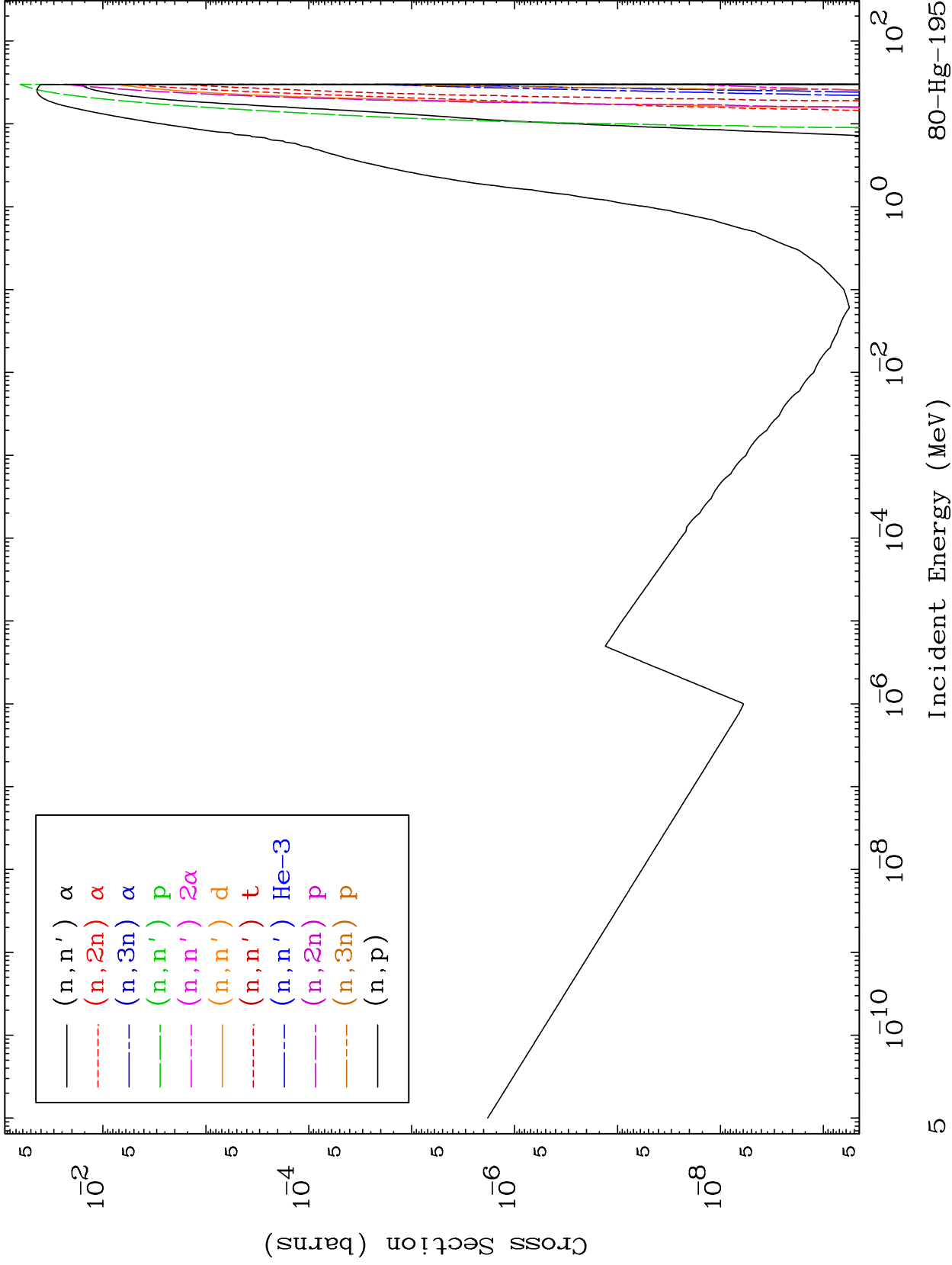
80-Hg-195



MAT 8022

Charged Particle  
293 Kelvin Cross Sections

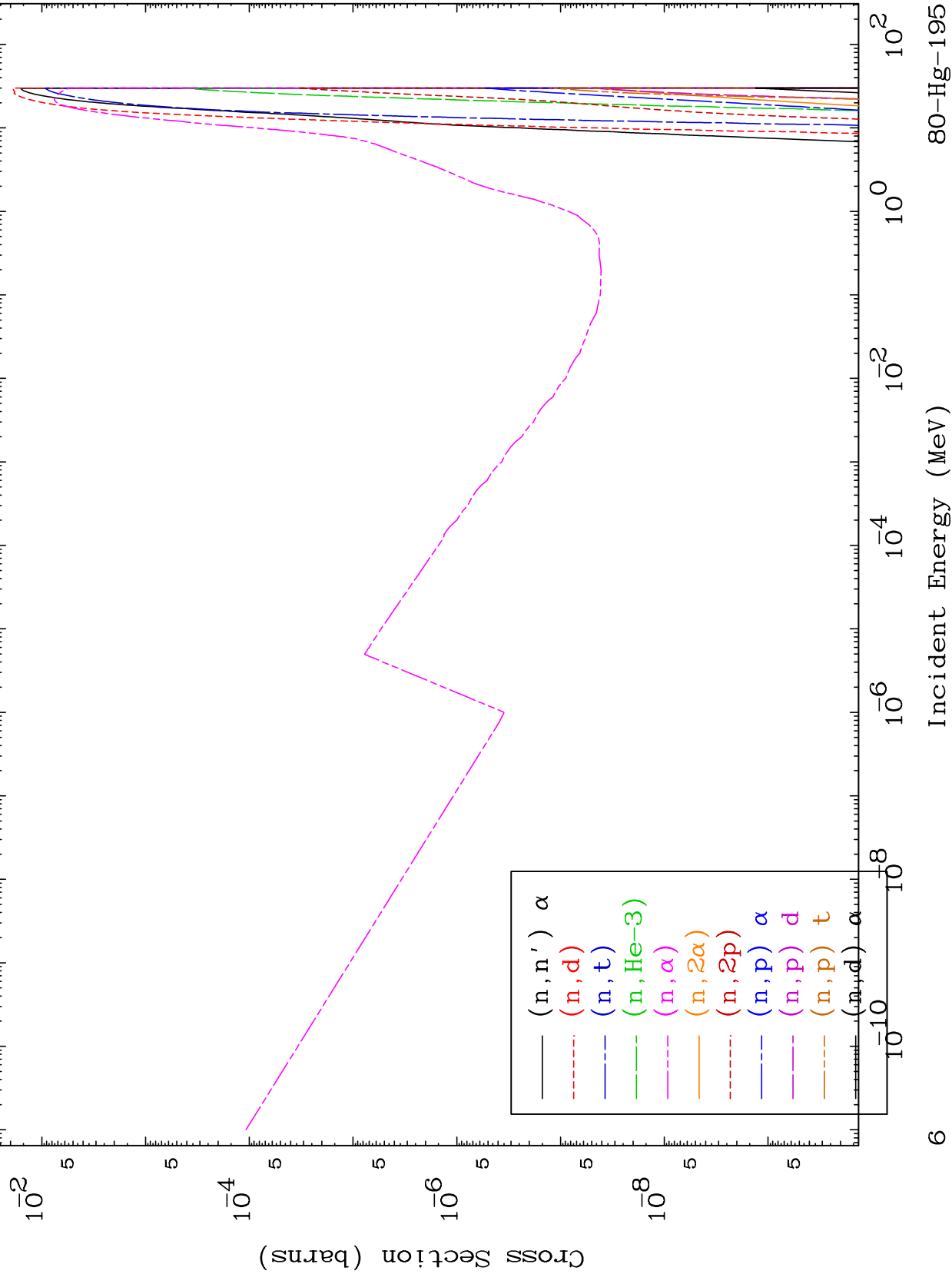
80-Hg-195



MAT 80222

Charged Particle  
293 Kelvin Cross Sections

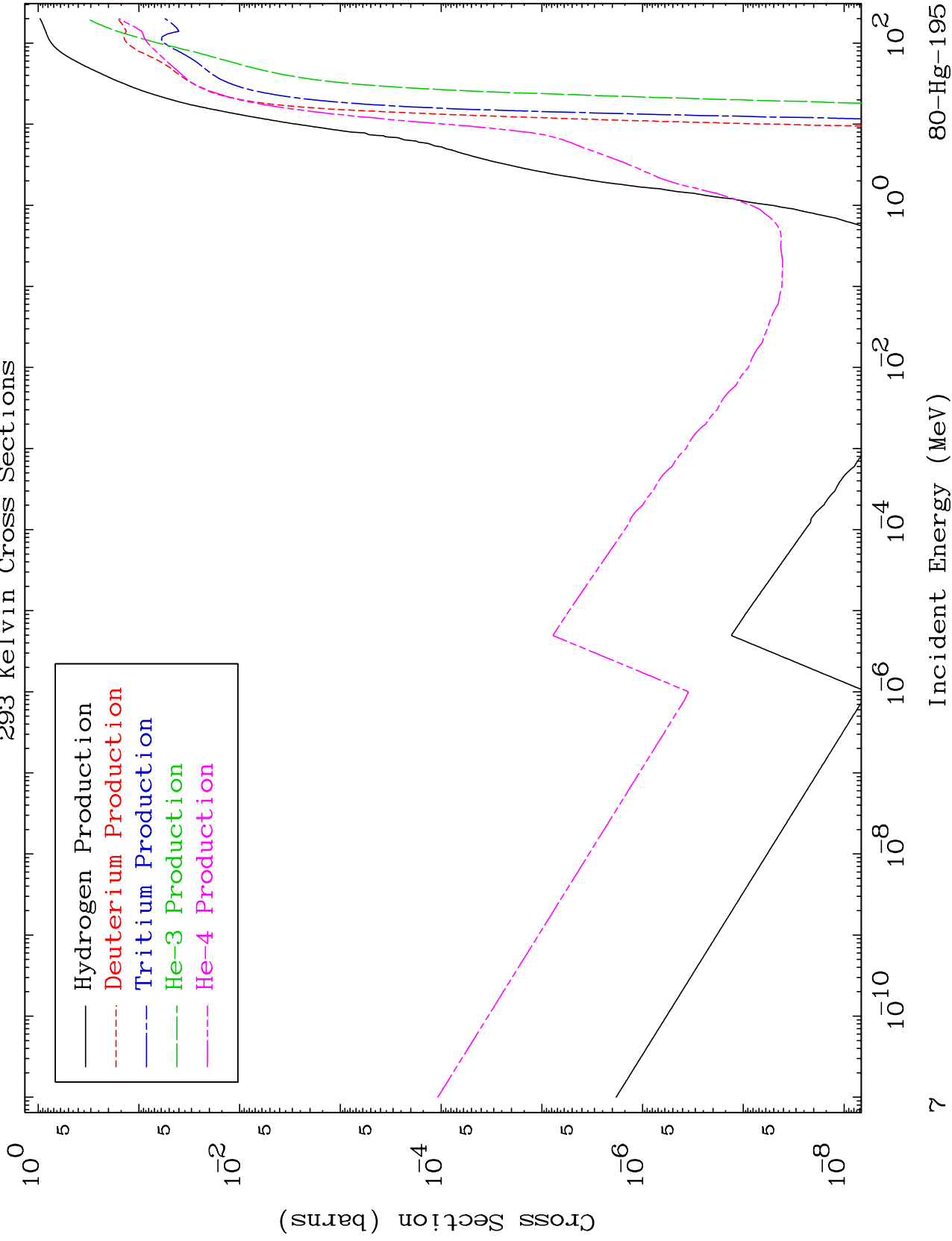
80-Hg-195



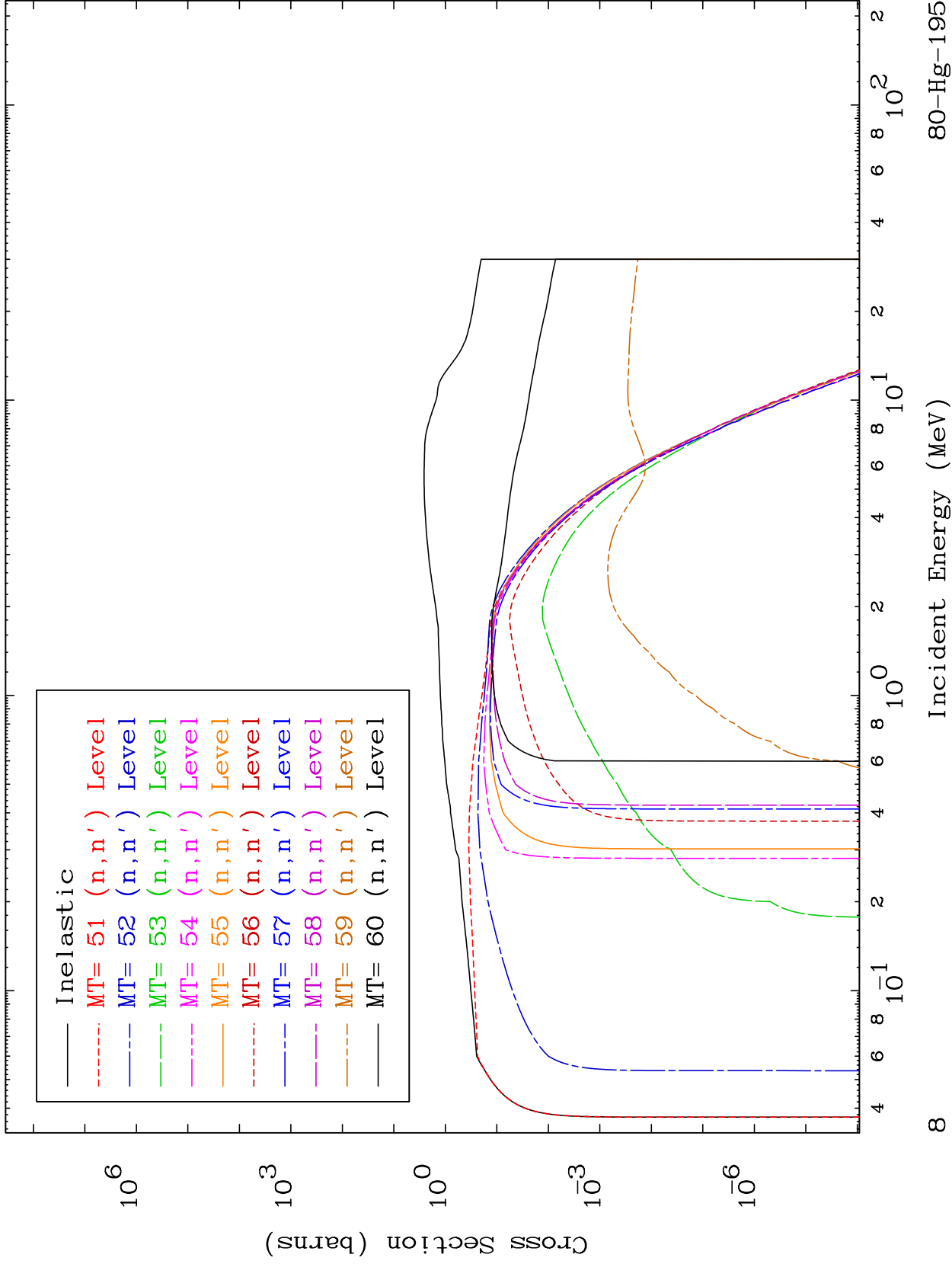
MAT 8022

Particle Production  
293 Kelvin Cross Sections

80-Hg-195



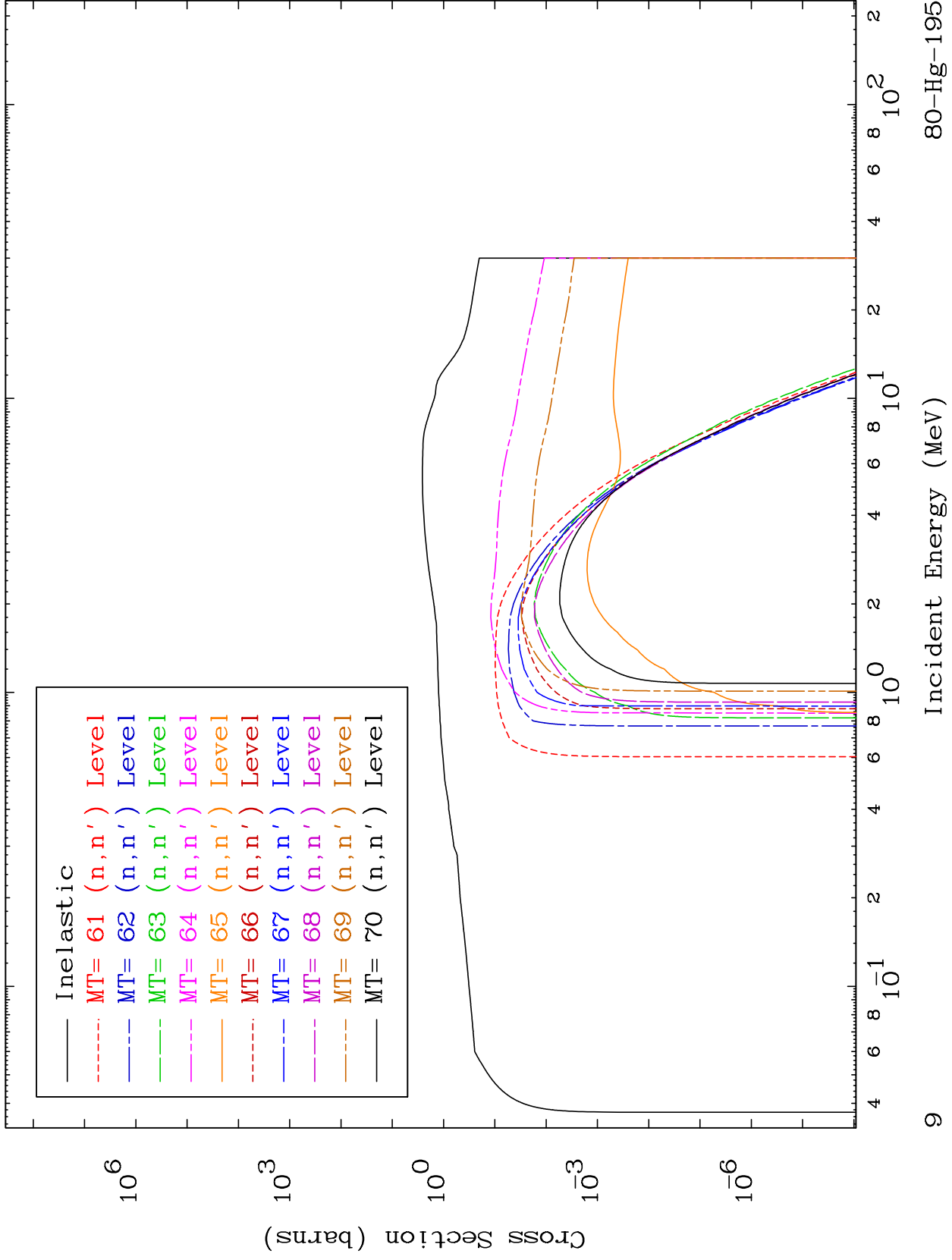




MAT 8022

(n,n') Levels  
293 Kelvin Cross Sections

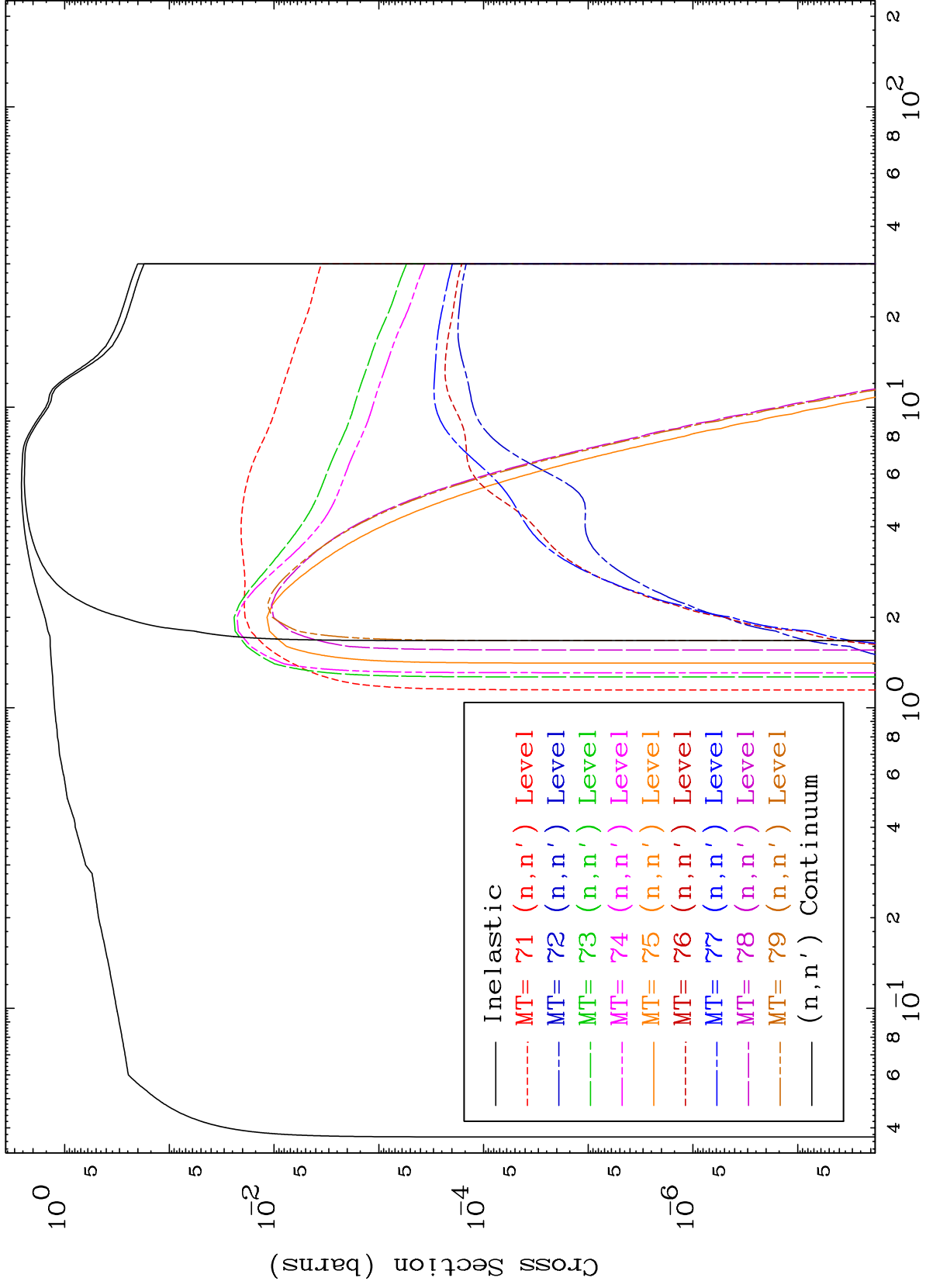
80-Hg-195



MAT 8022

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-195



10

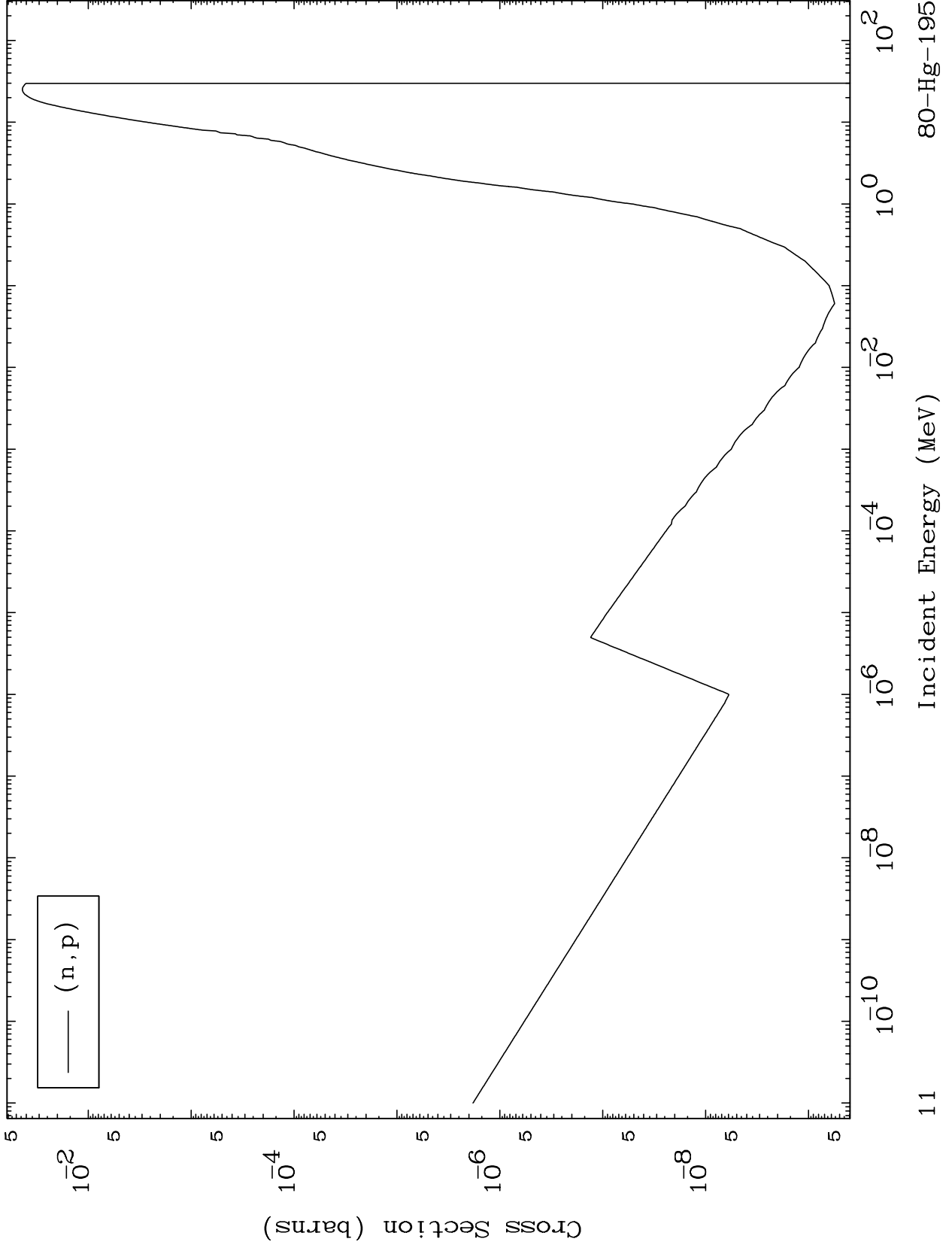
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,p) Levels  
293 Kelvin Cross Sections

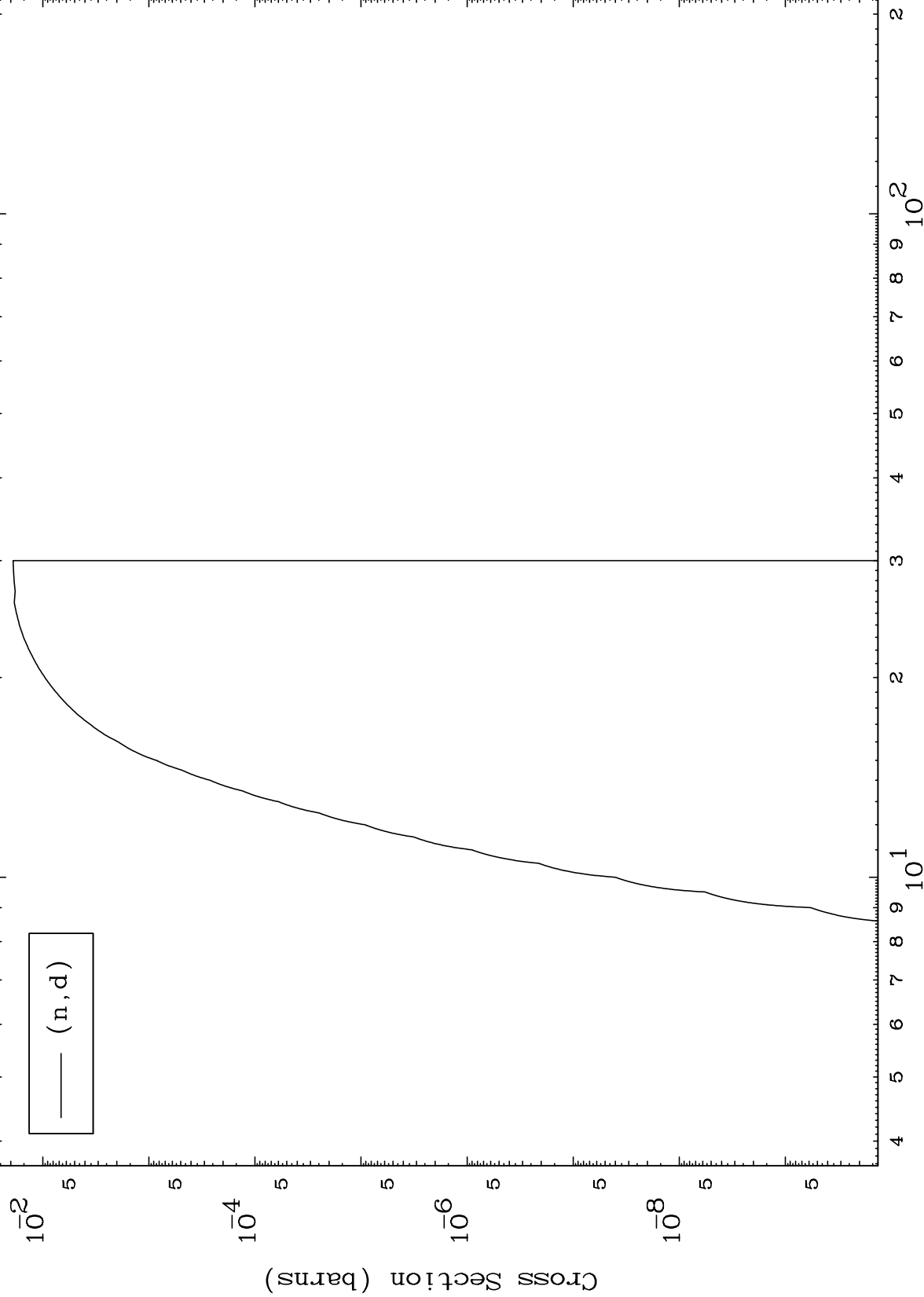
80-Hg-195



MAT 8022

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-195



12

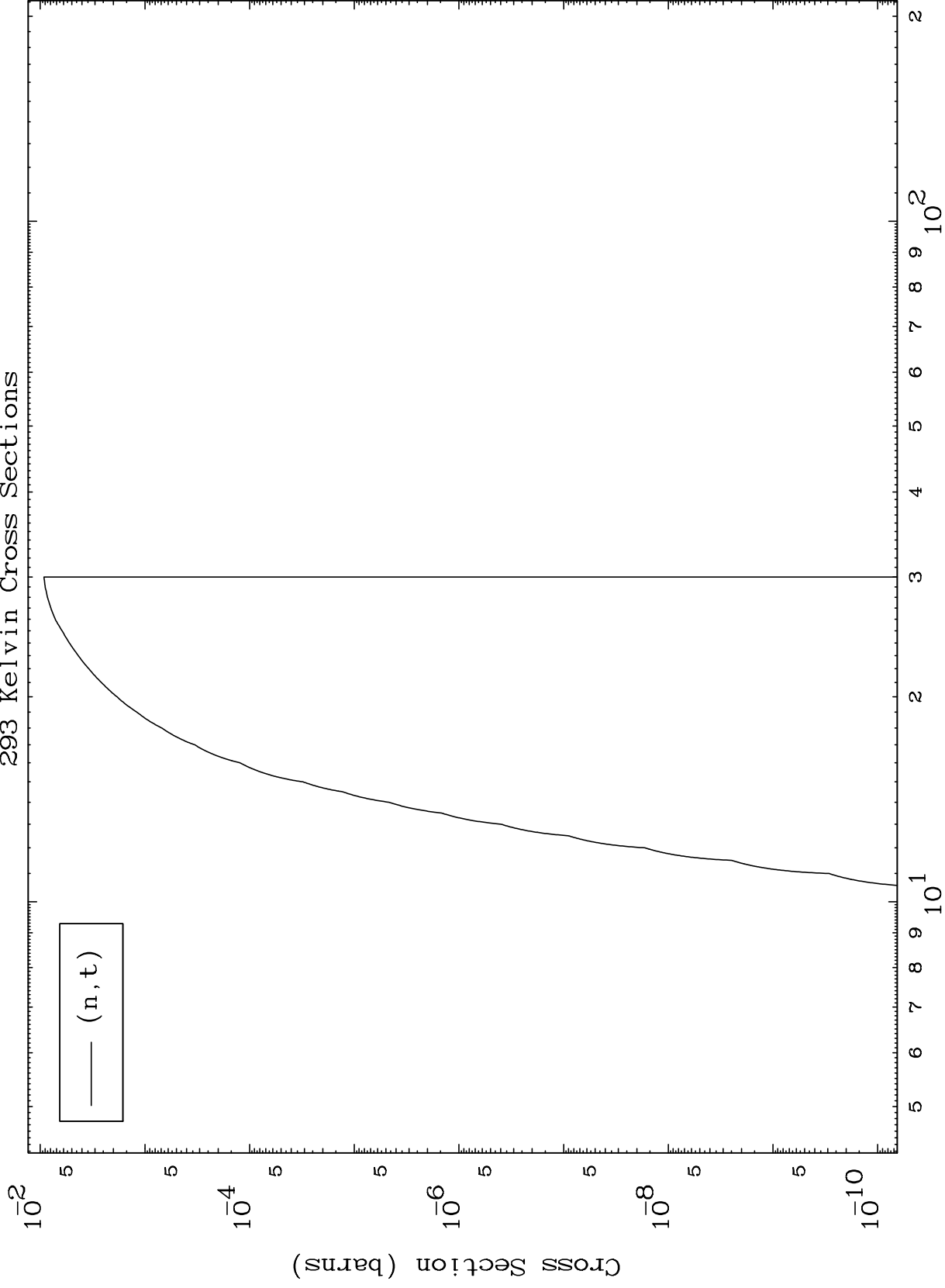
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-195



13

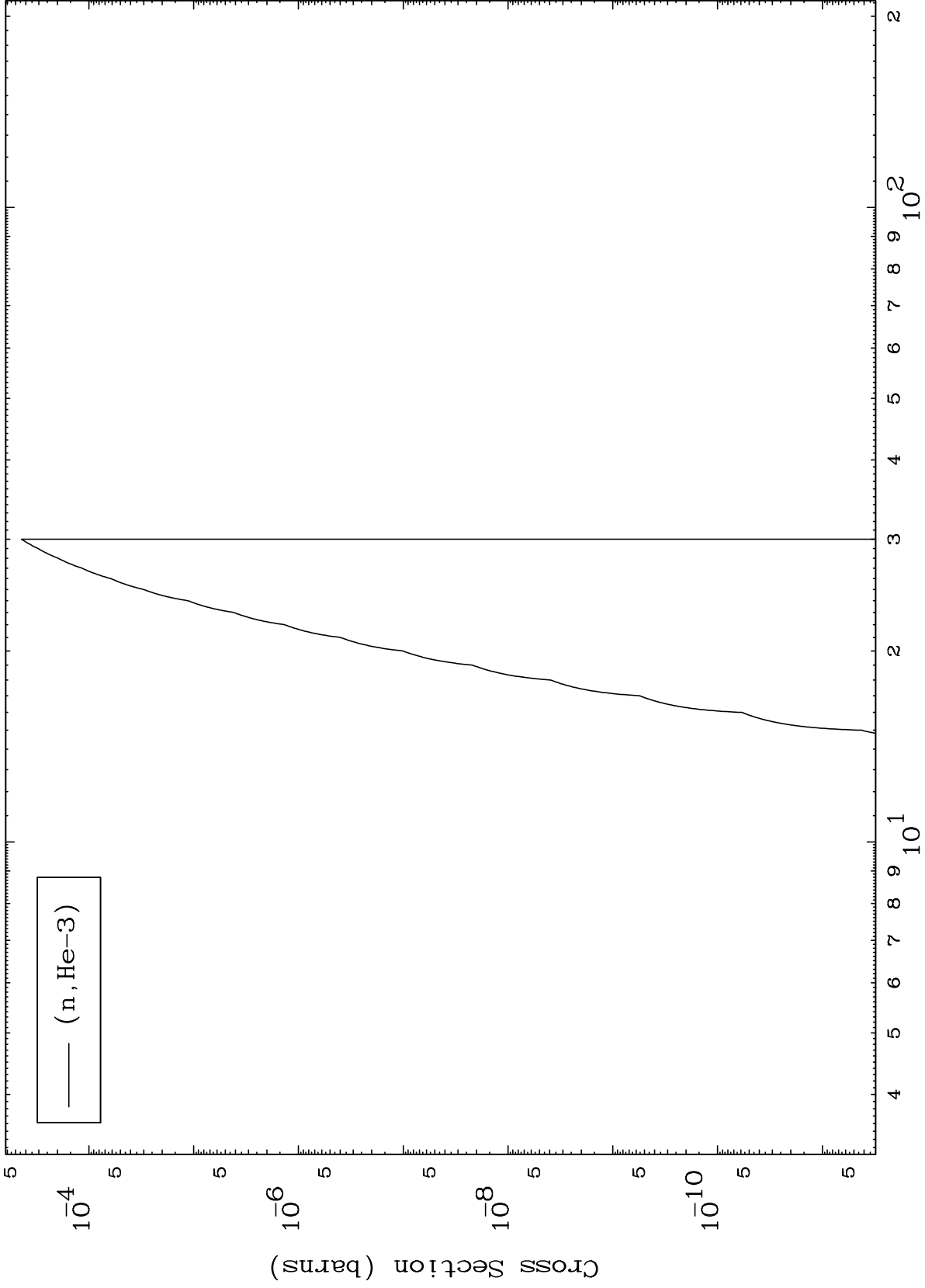
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,He3) Levels  
293 Kelvin Cross Sections

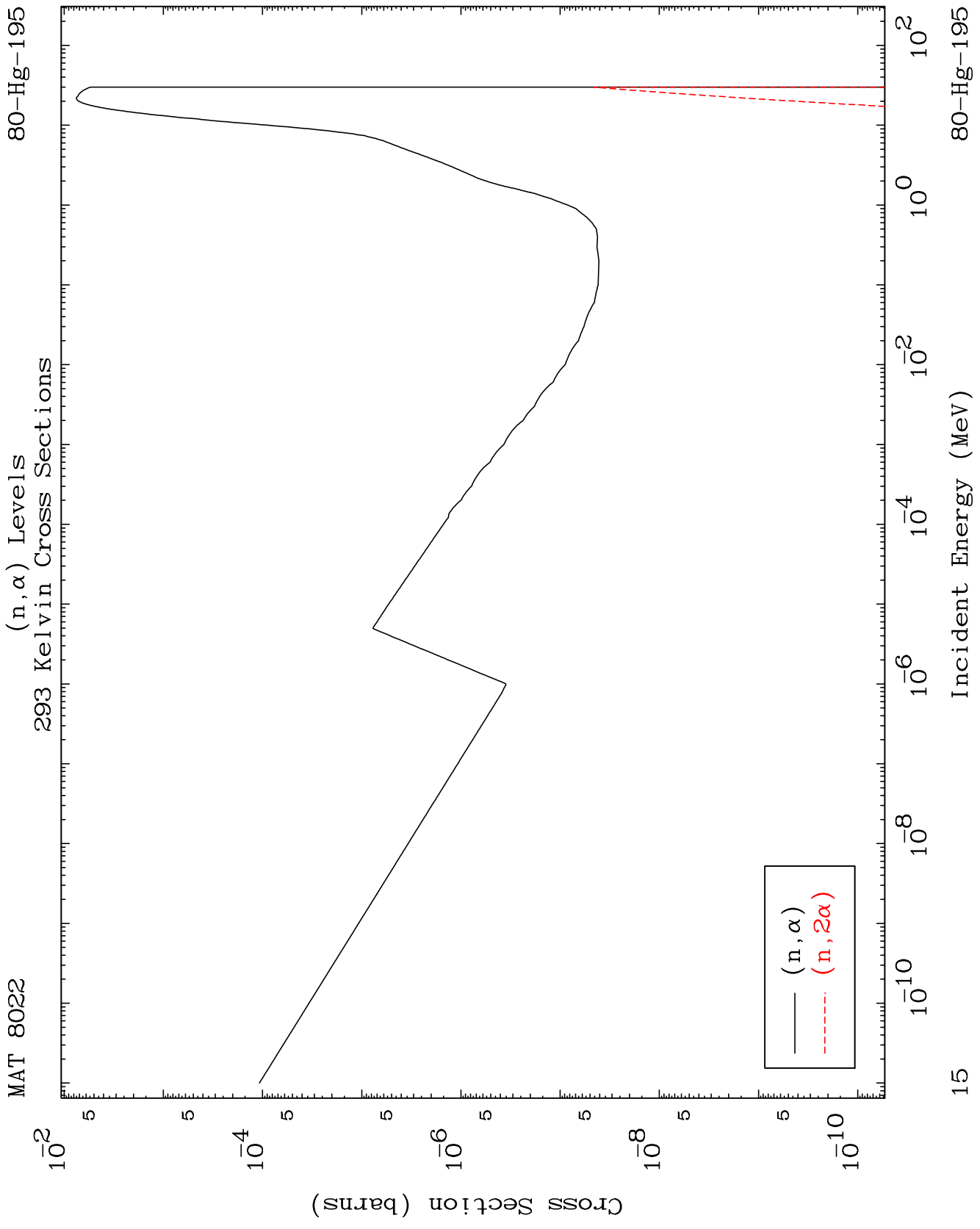
80-Hg-195



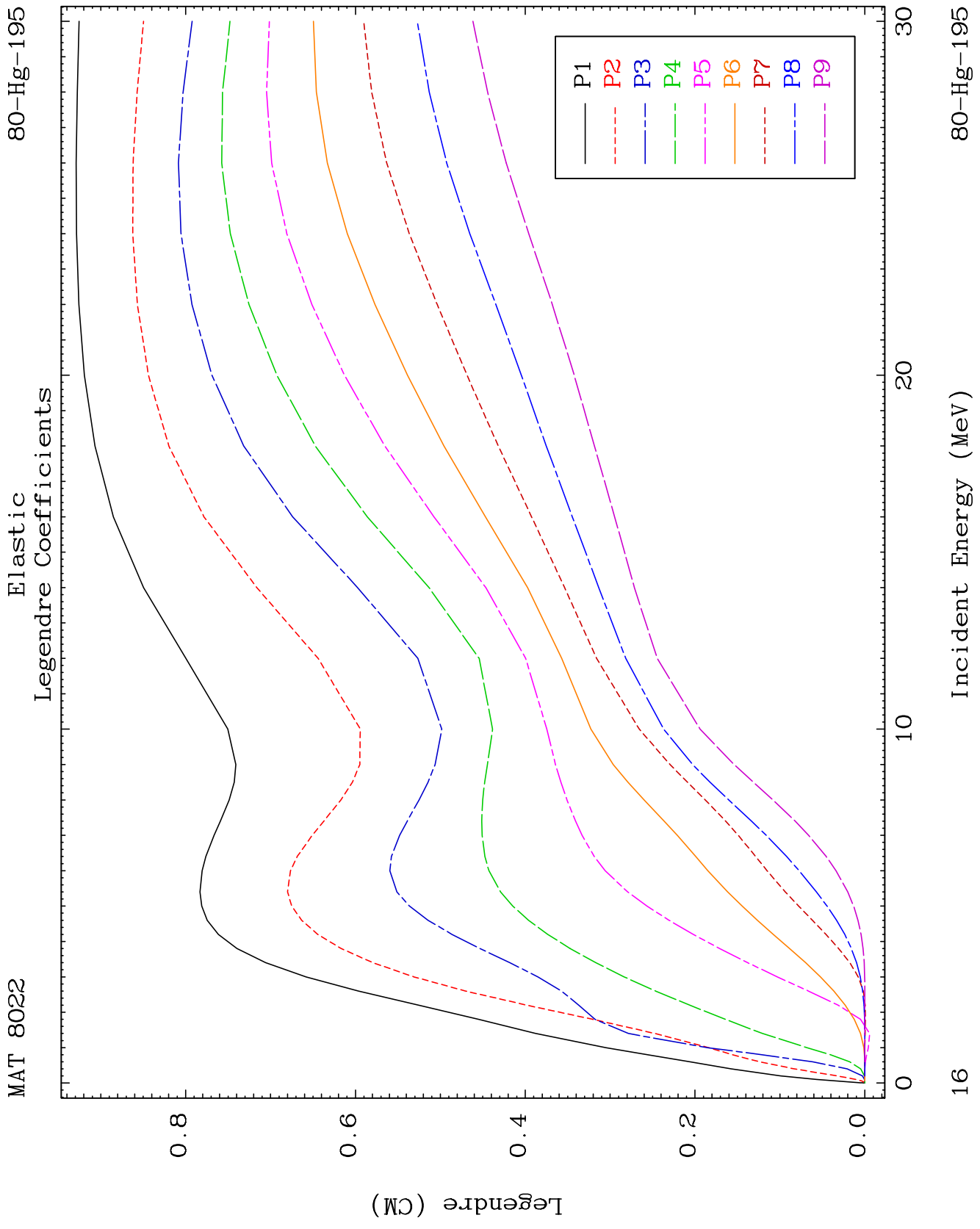
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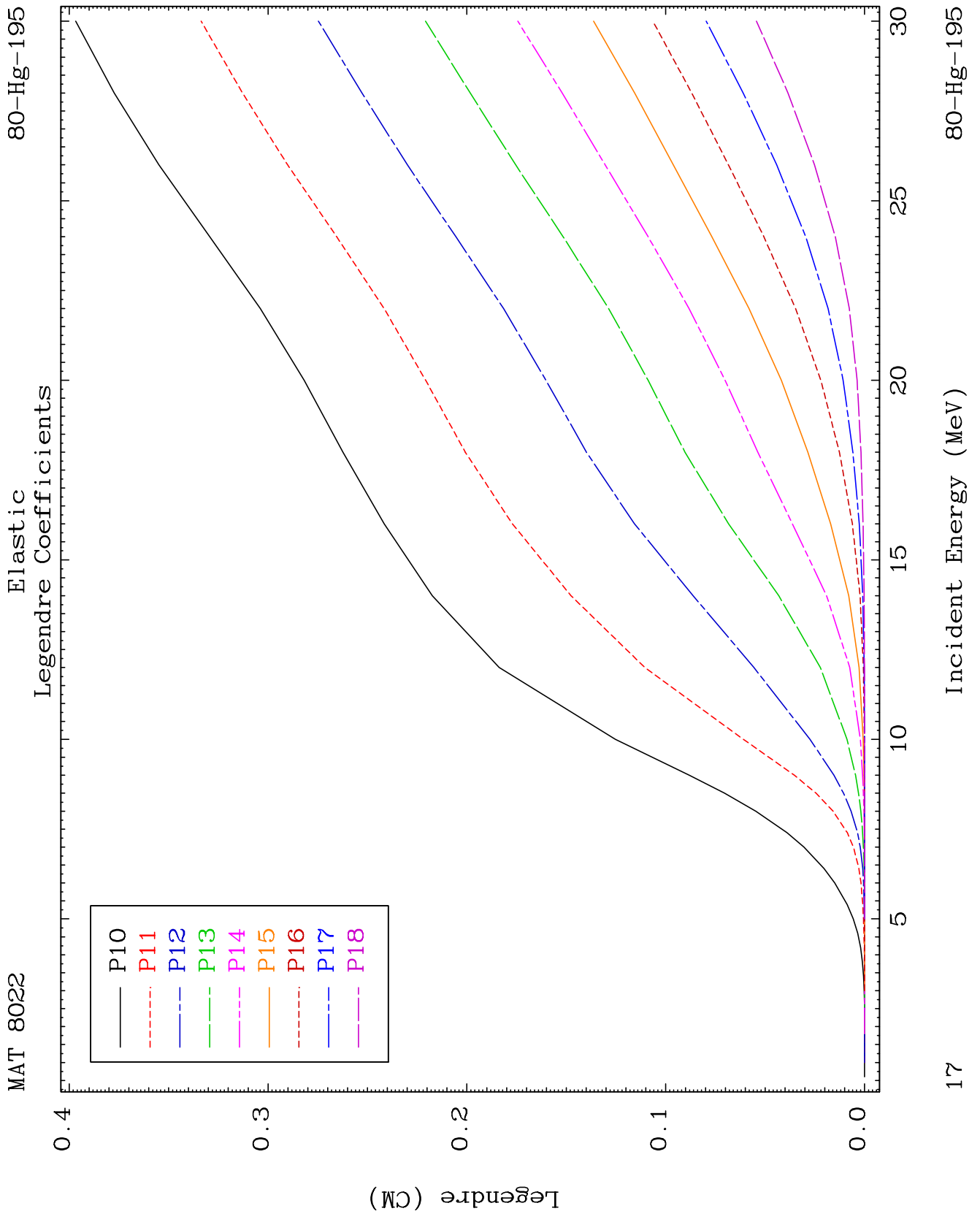
Incident Energy (MeV)

14





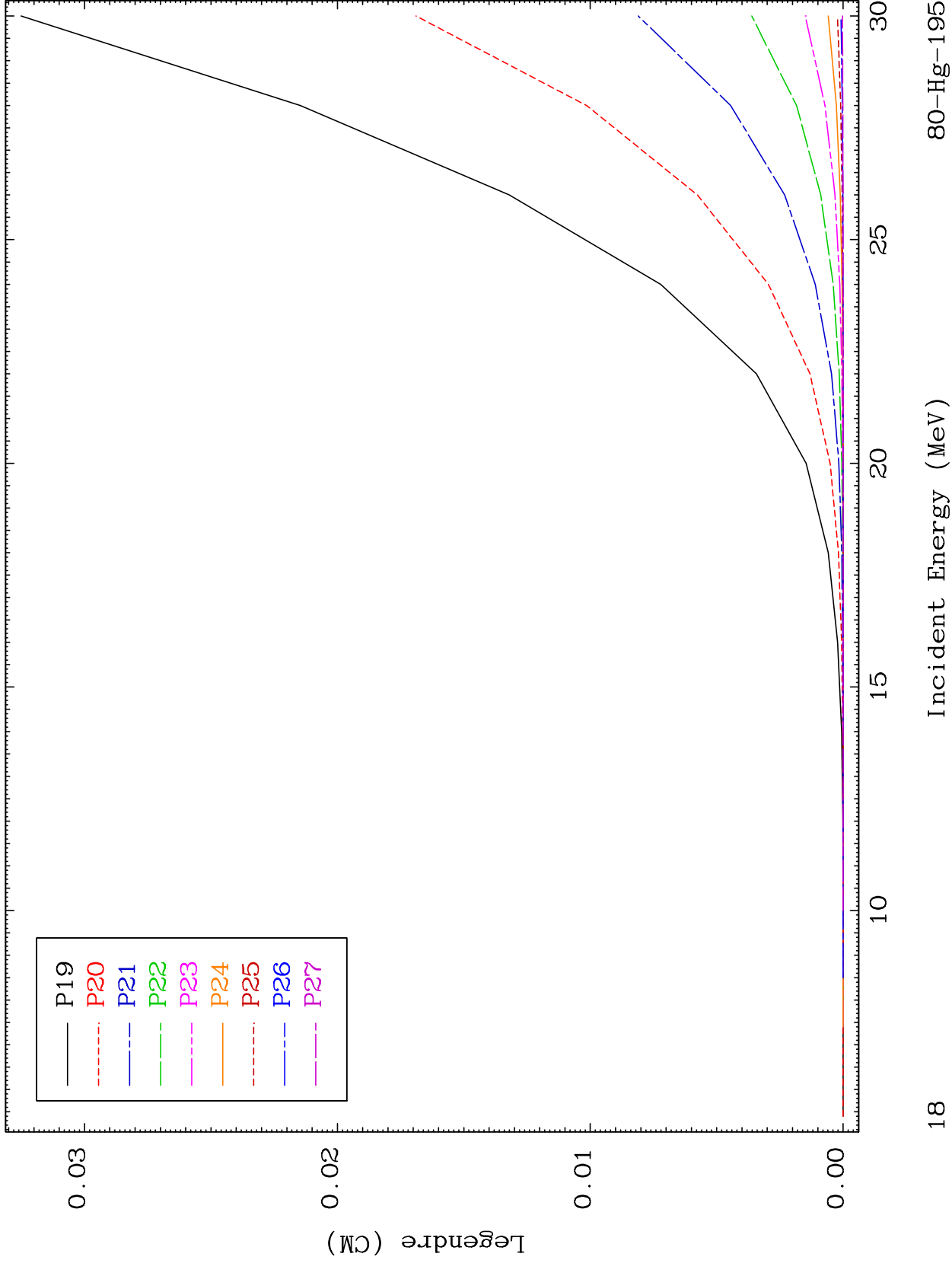




MAT 8022

Elastic Legendre Coefficients

80-Hg-195



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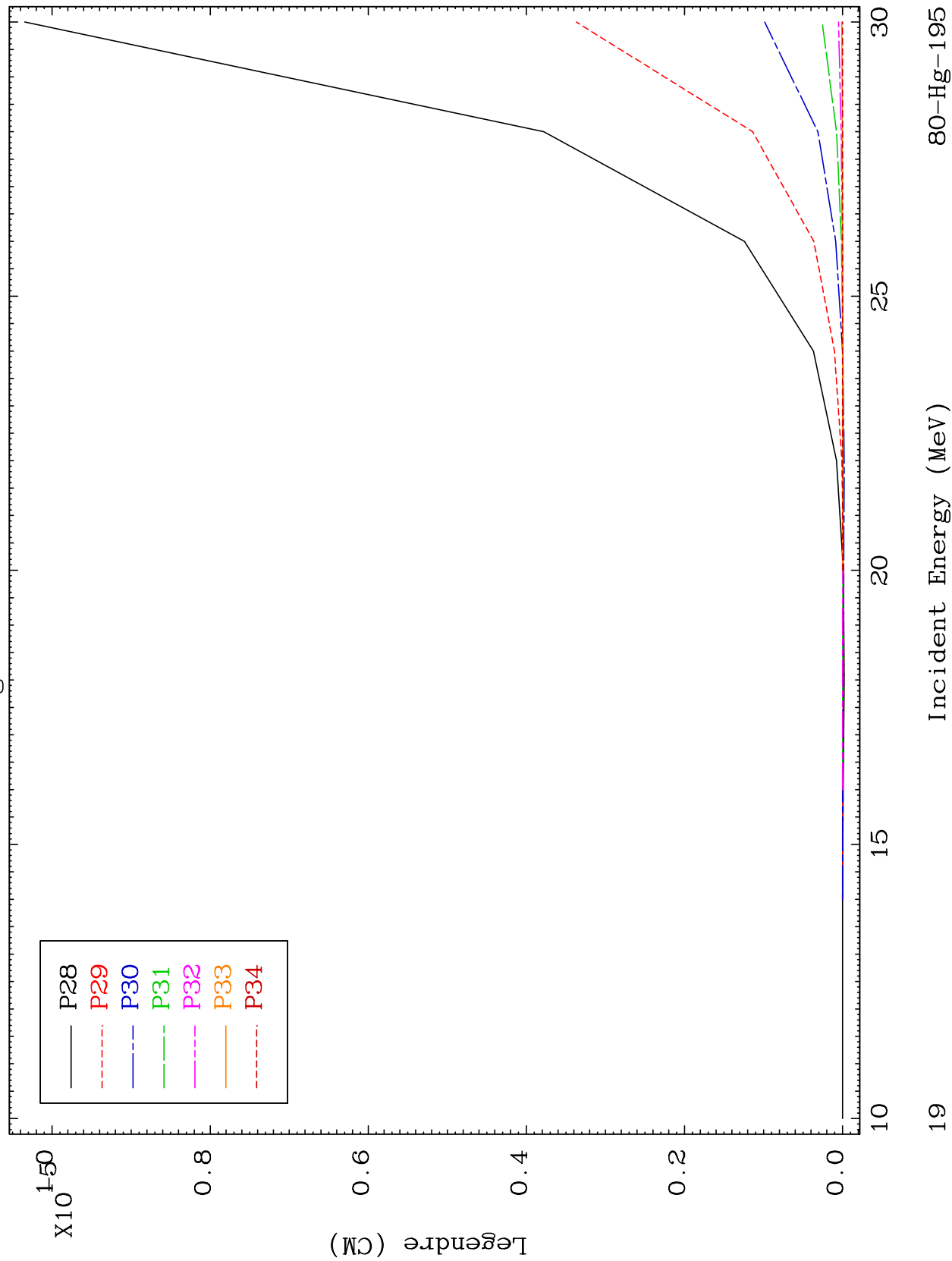
Incident Energy (MeV)

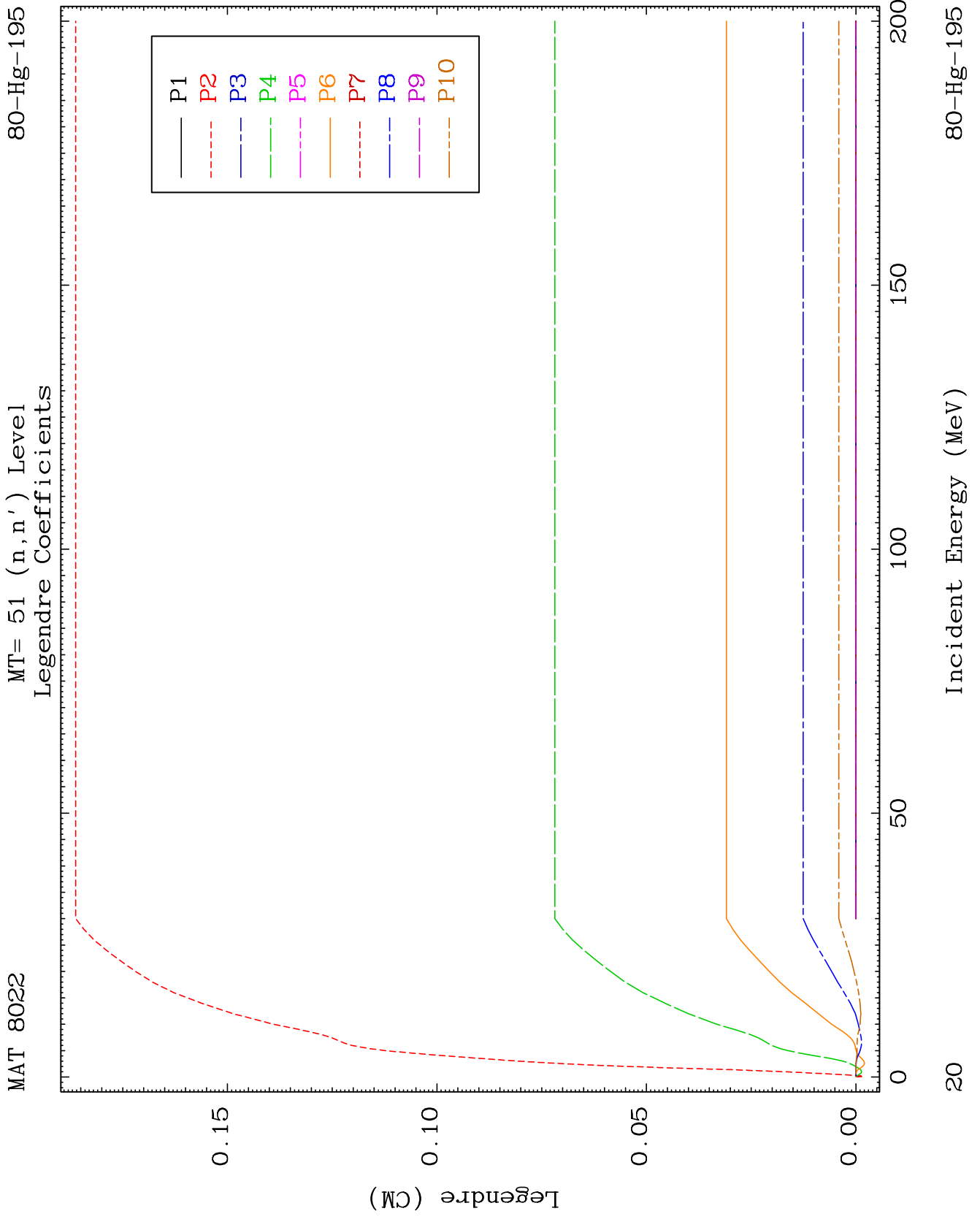
80-Hg-195

MAT 8022

Elastic Legendre Coefficients

80-Hg-195

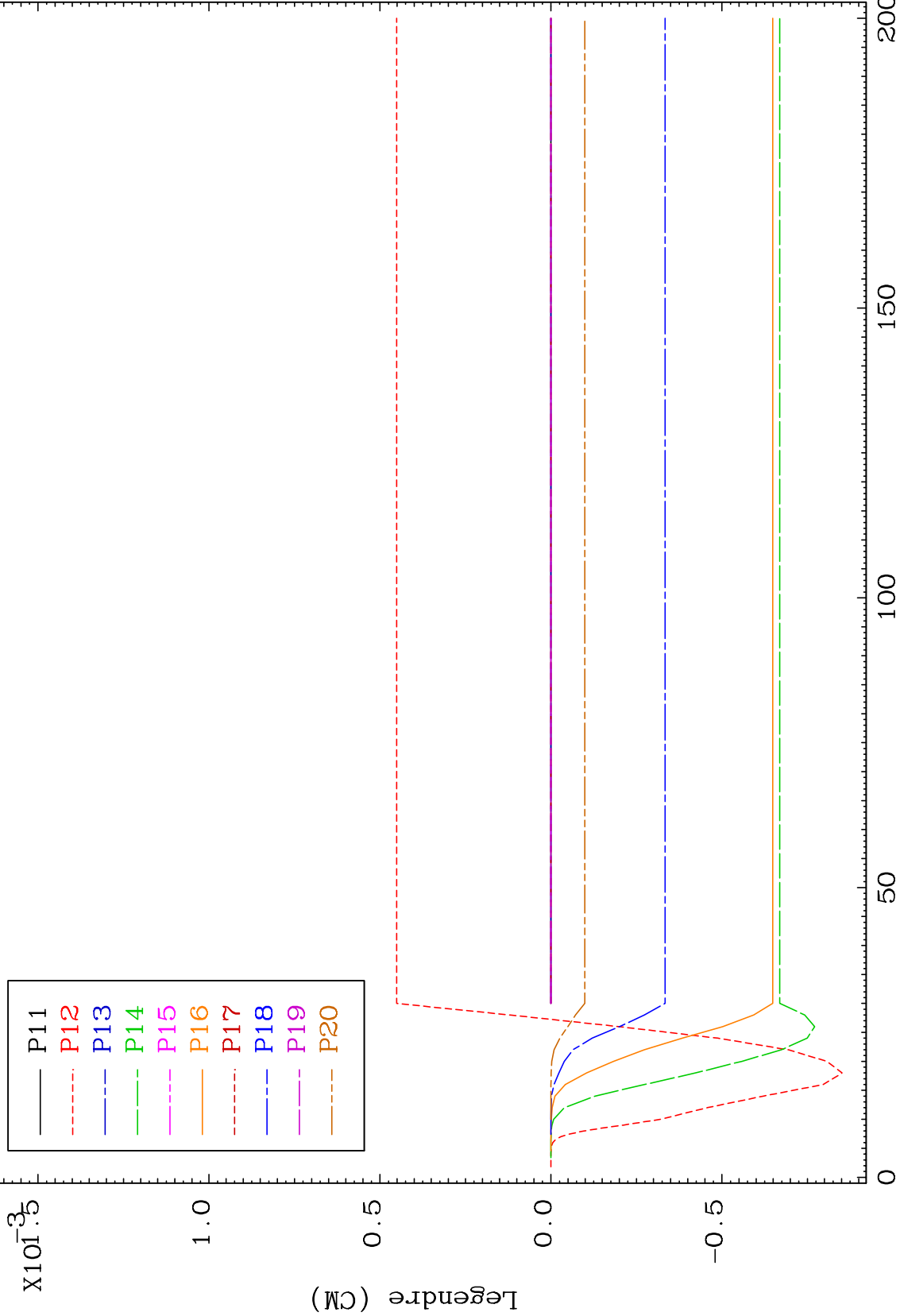
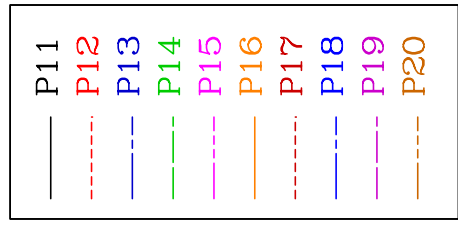




MAT 8022

MT= 51 (n,n') Level  
Legendre Coefficients

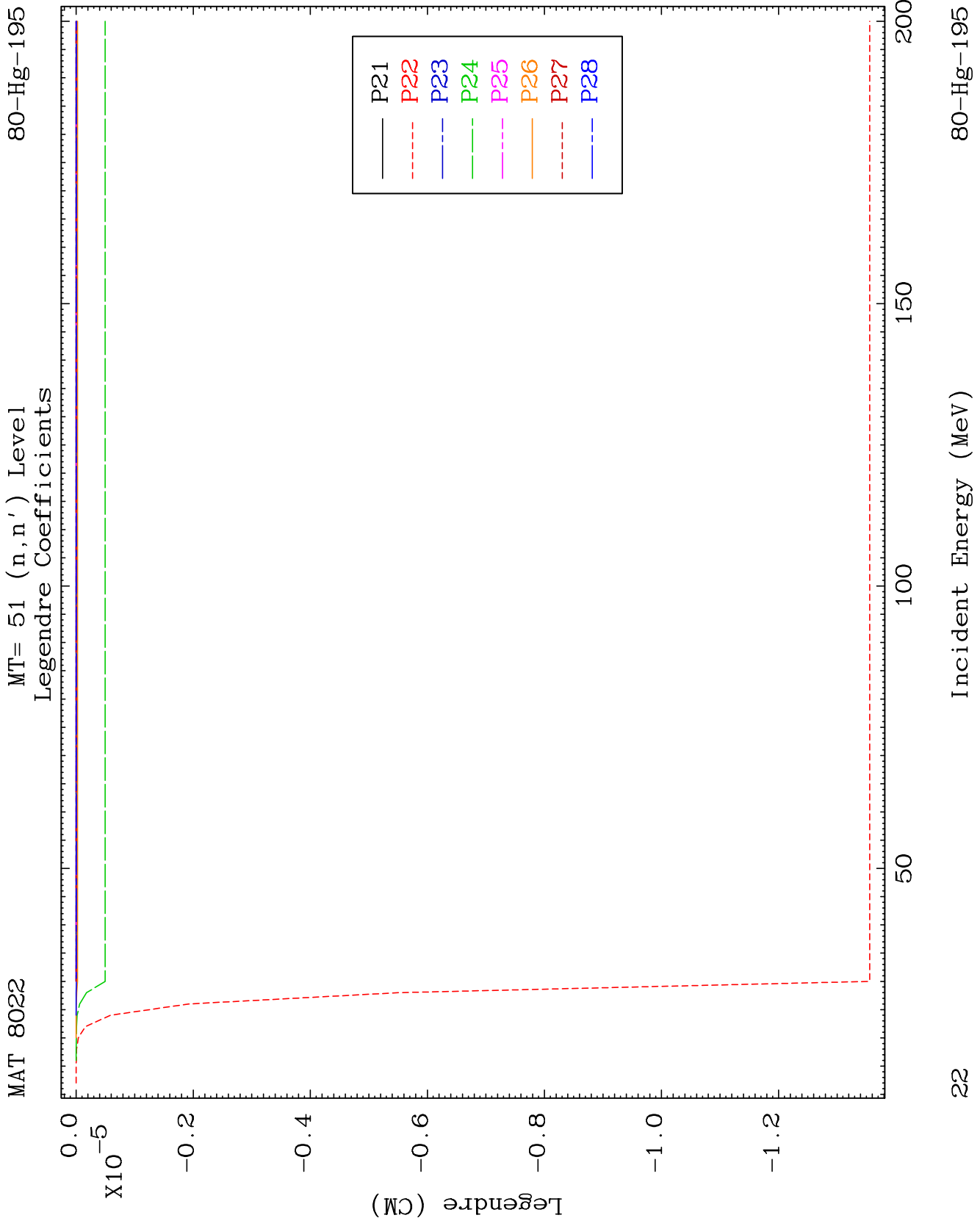
80-Hg-195

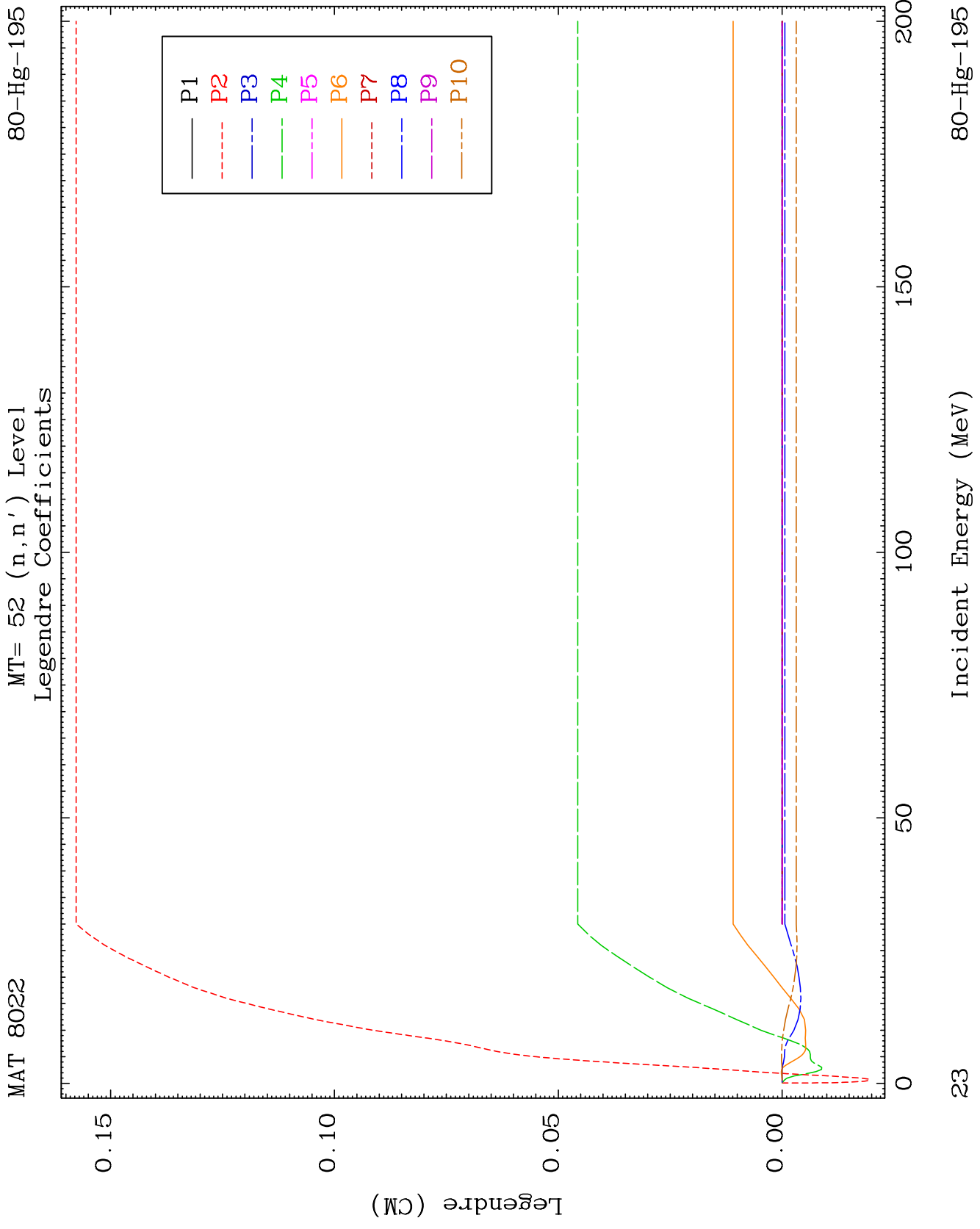


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Incident Energy (MeV)

80-Hg-195







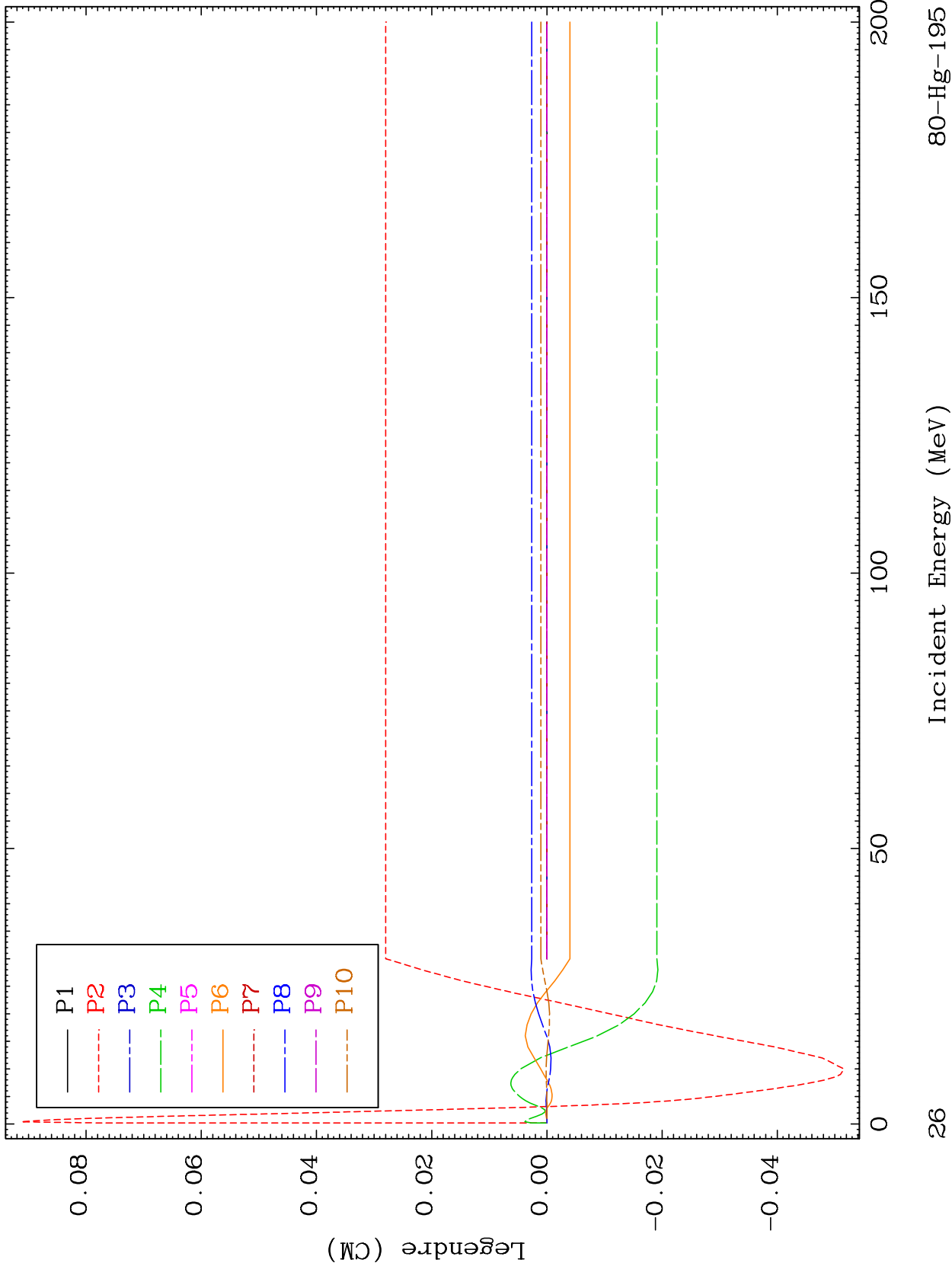




MAT 80222

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-195



26

Incident Energy (MeV)

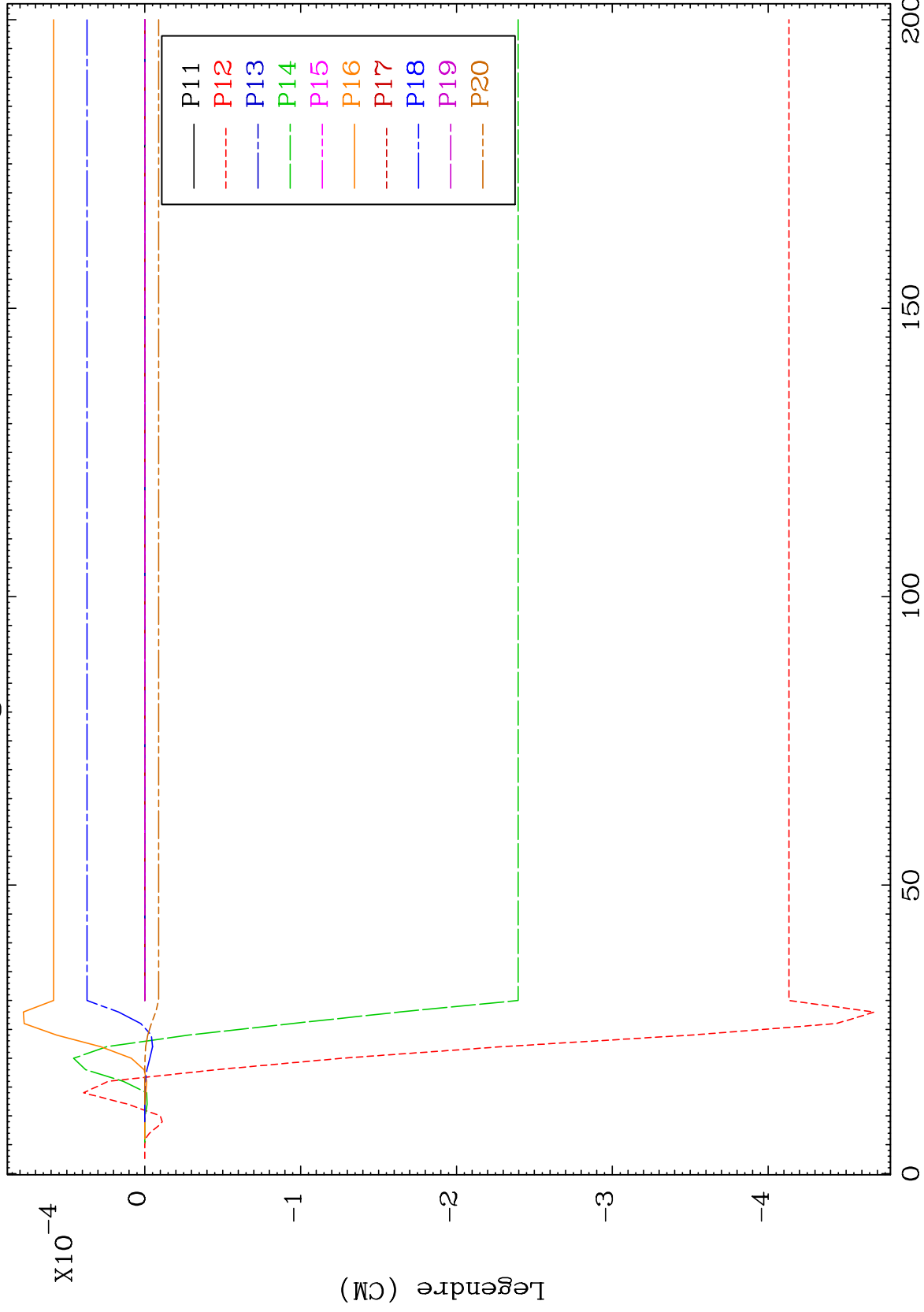
80-Hg-195

MAT 8022

MT= 53 (n,n') Level

80-Hg-195

Legendre Coefficients

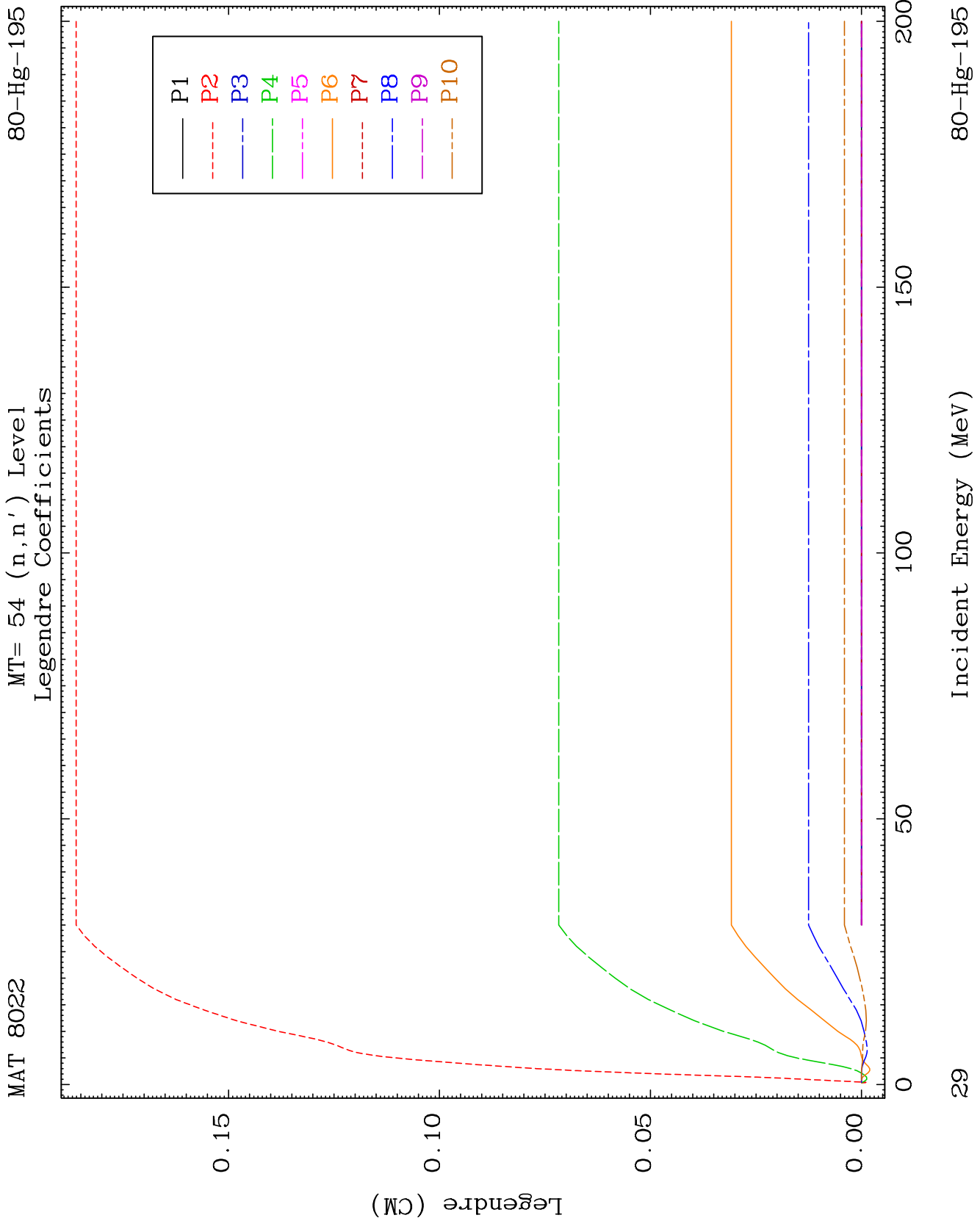


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Incident Energy (MeV)

80-Hg-195

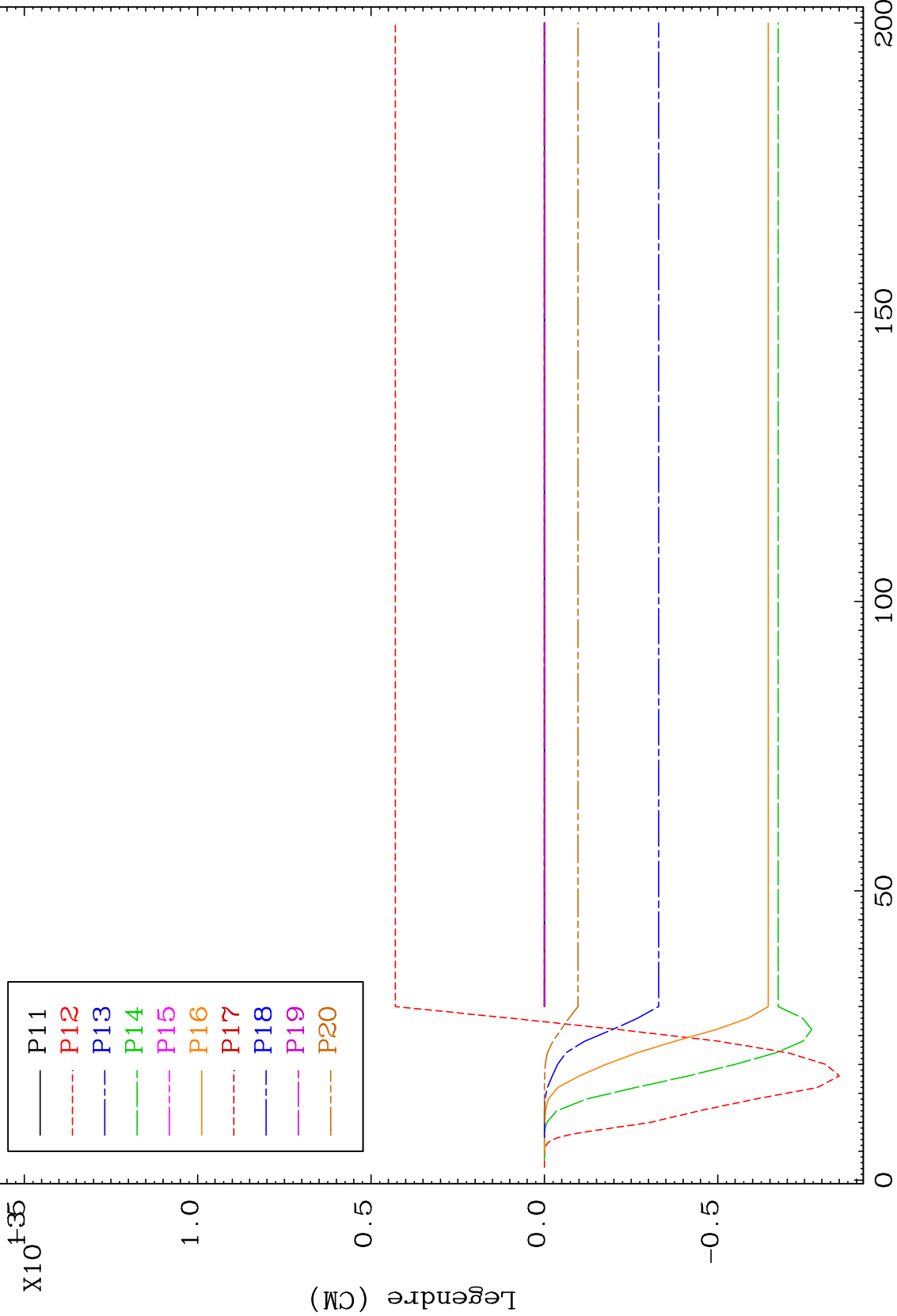
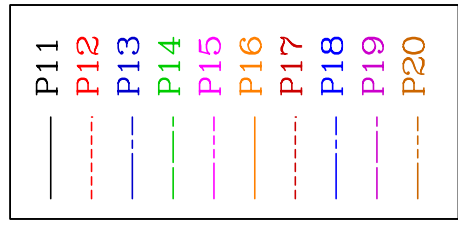




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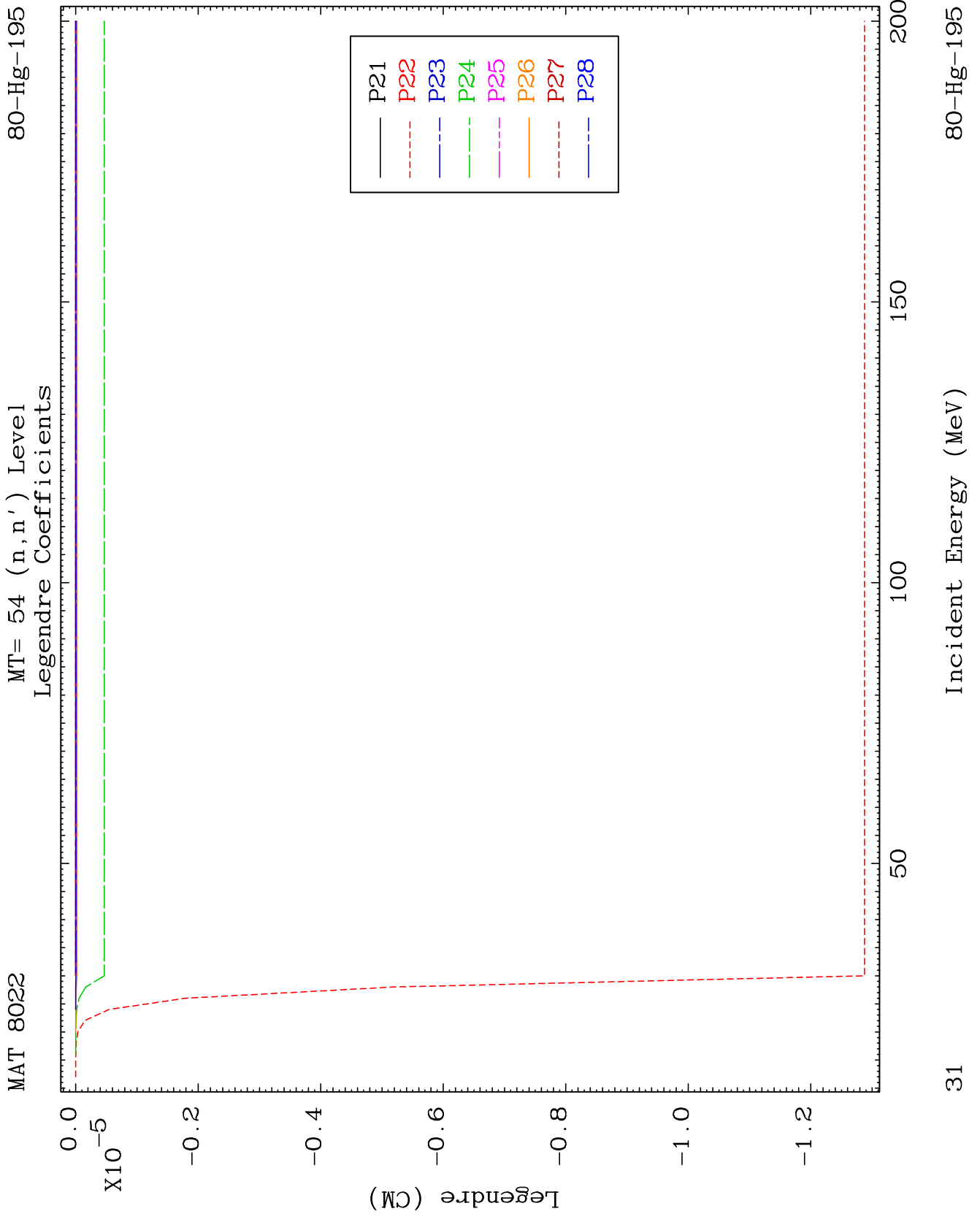
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Legendre Coefficients

80-Hg-195



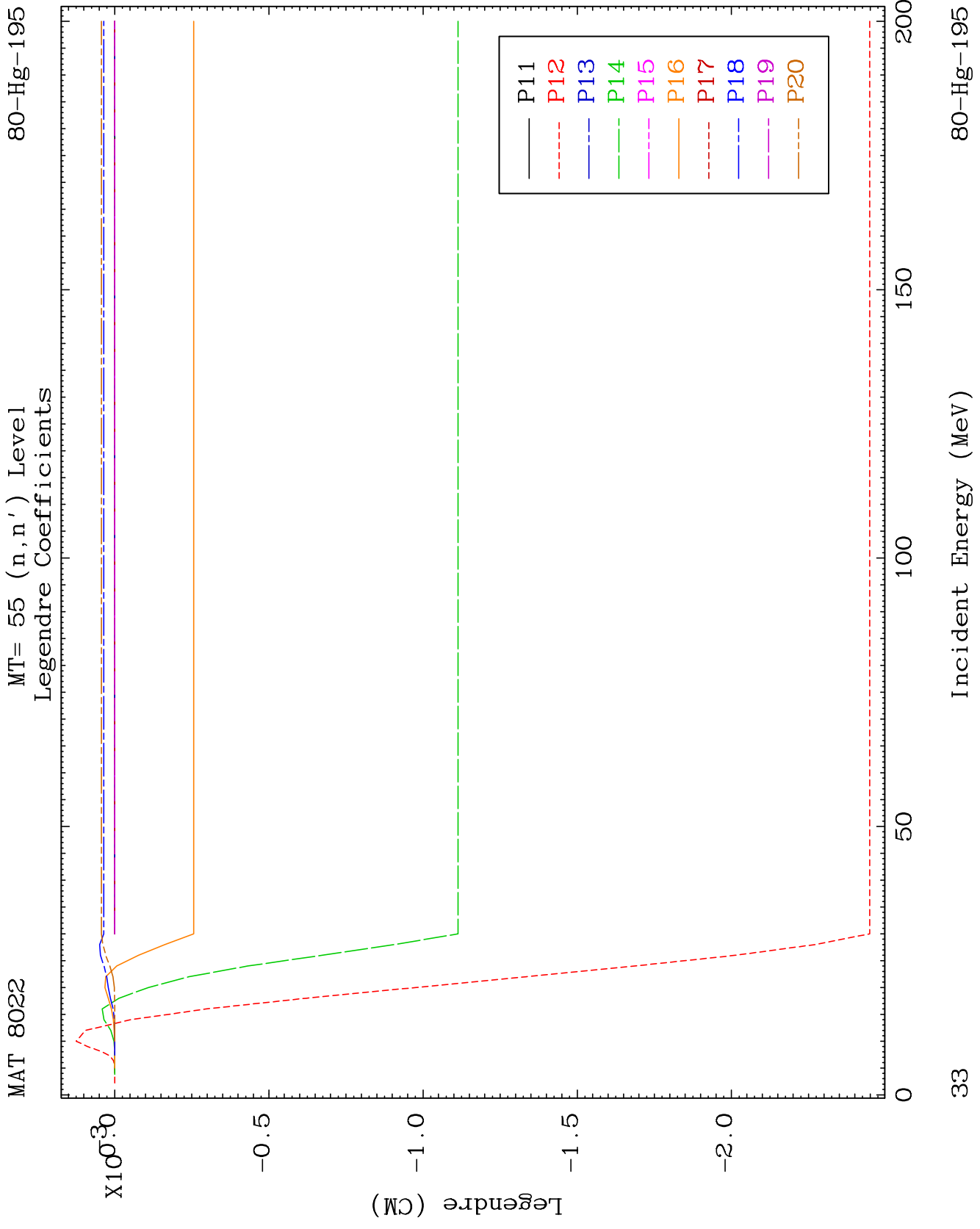
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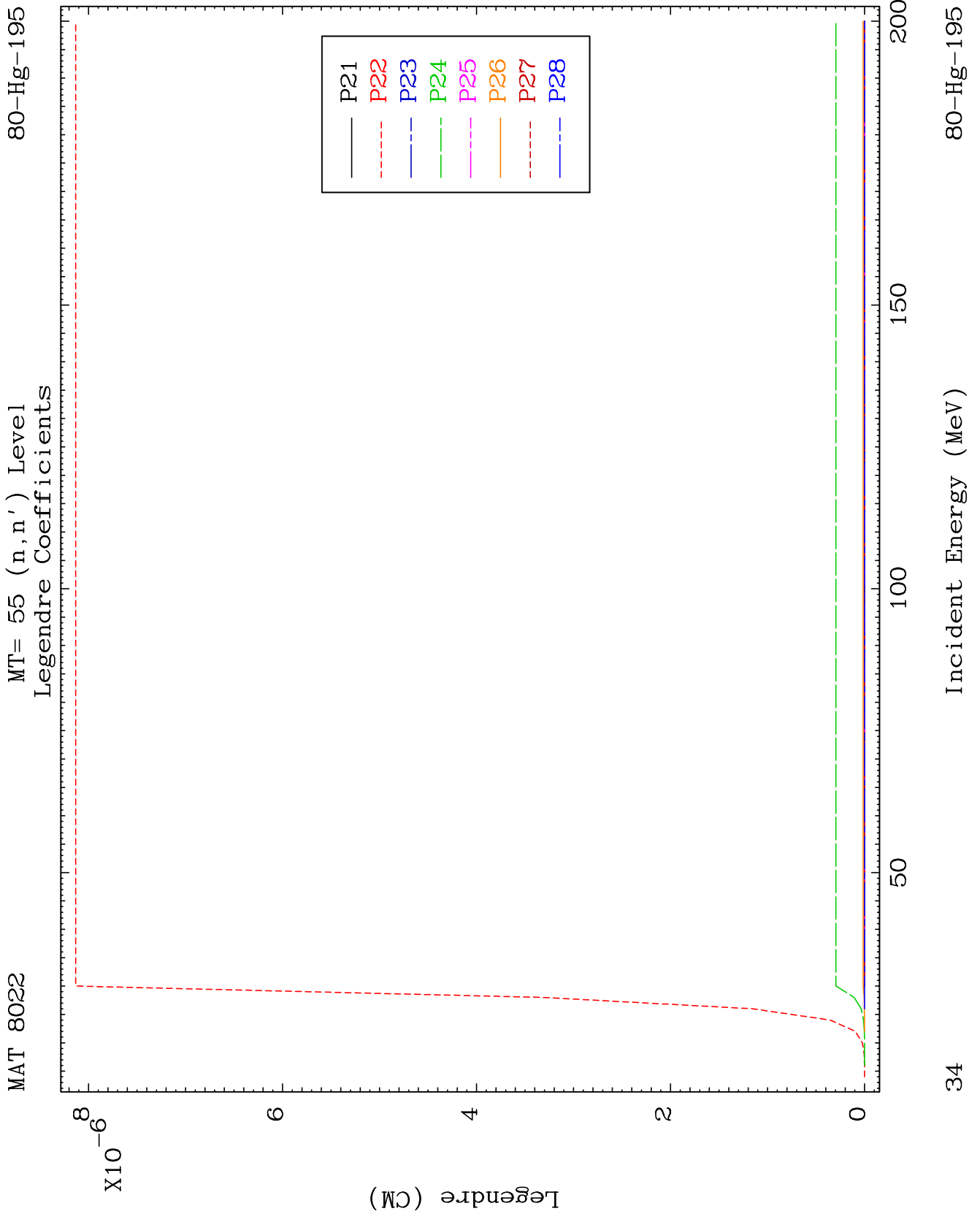
80-Hg-195

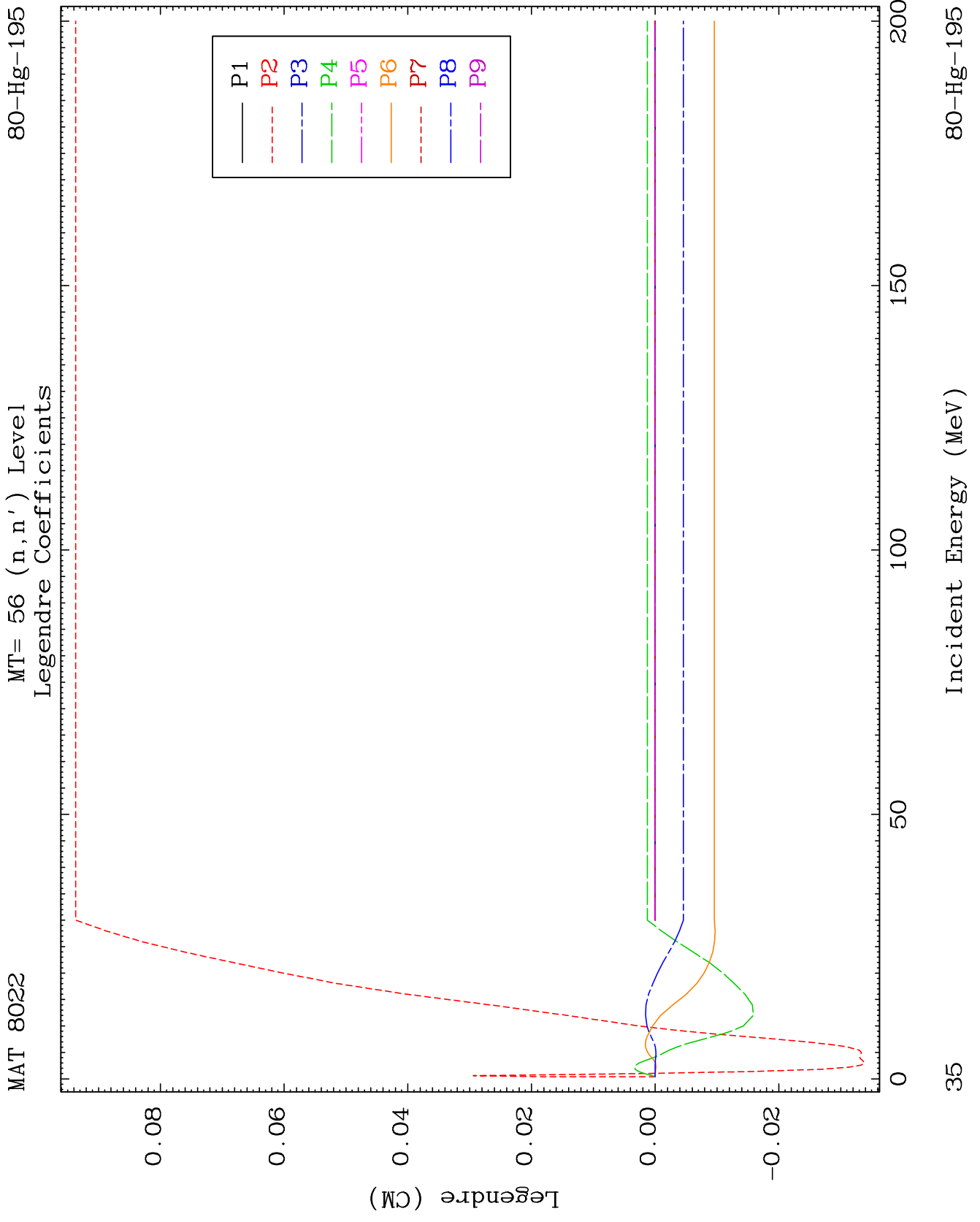








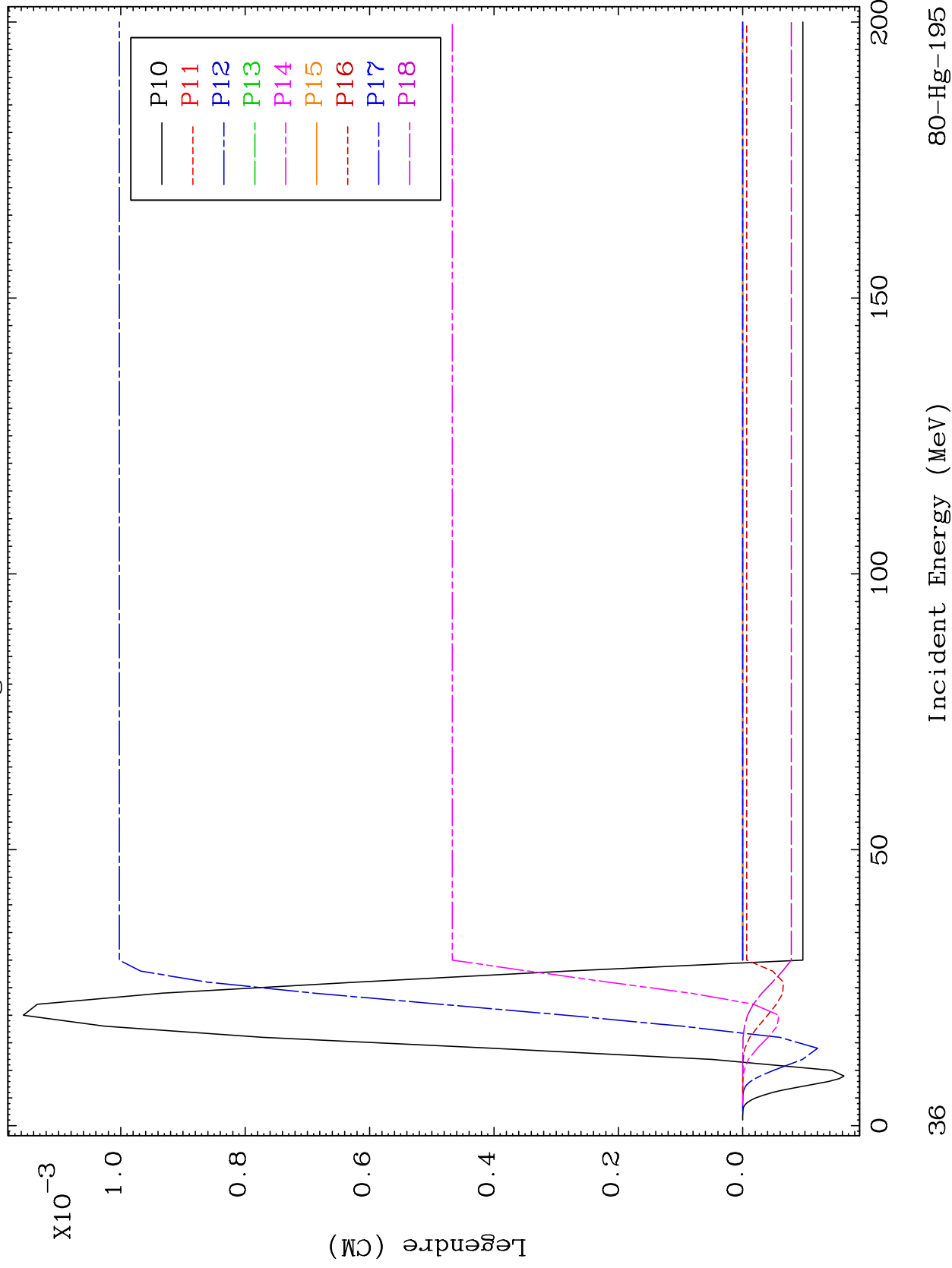


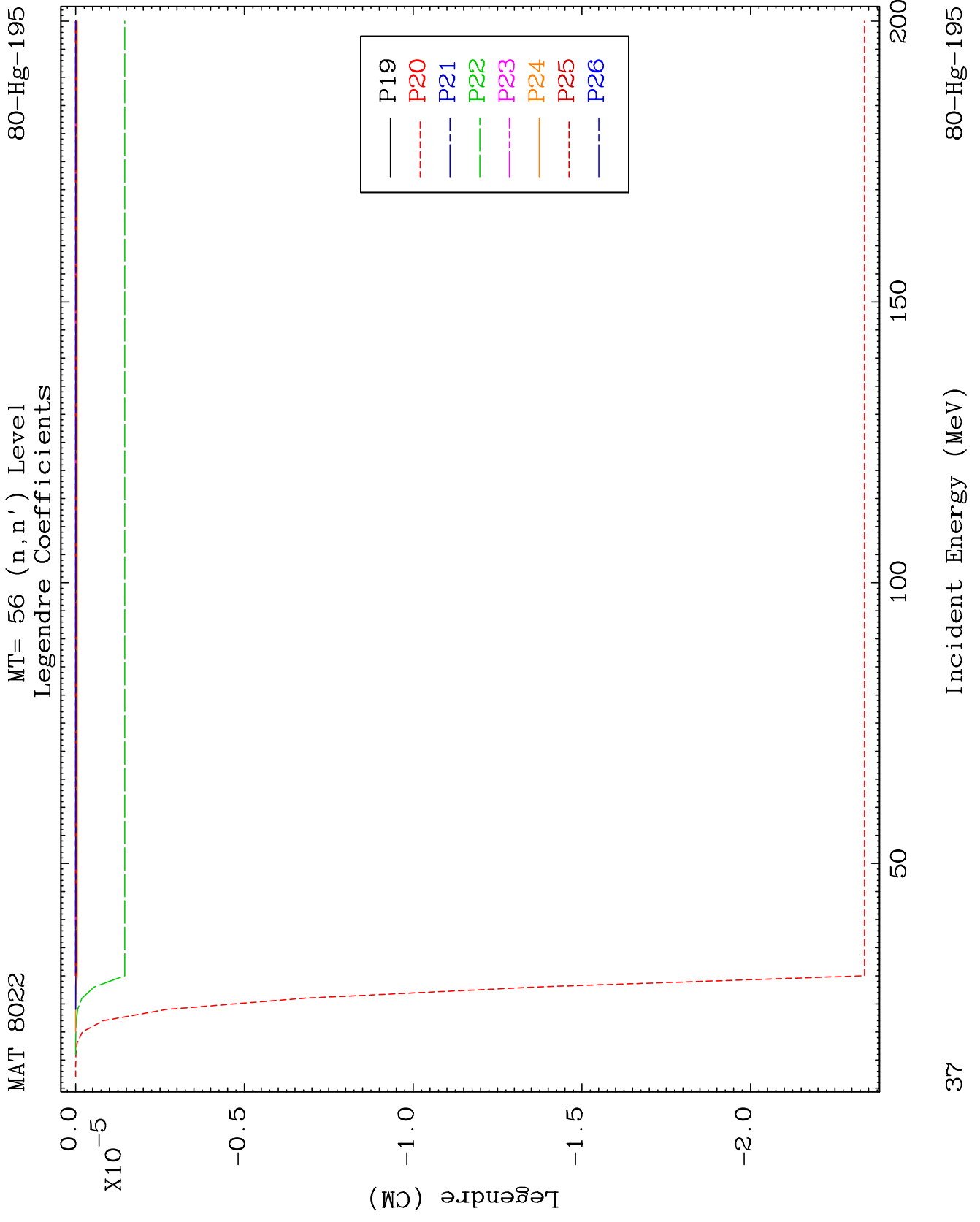


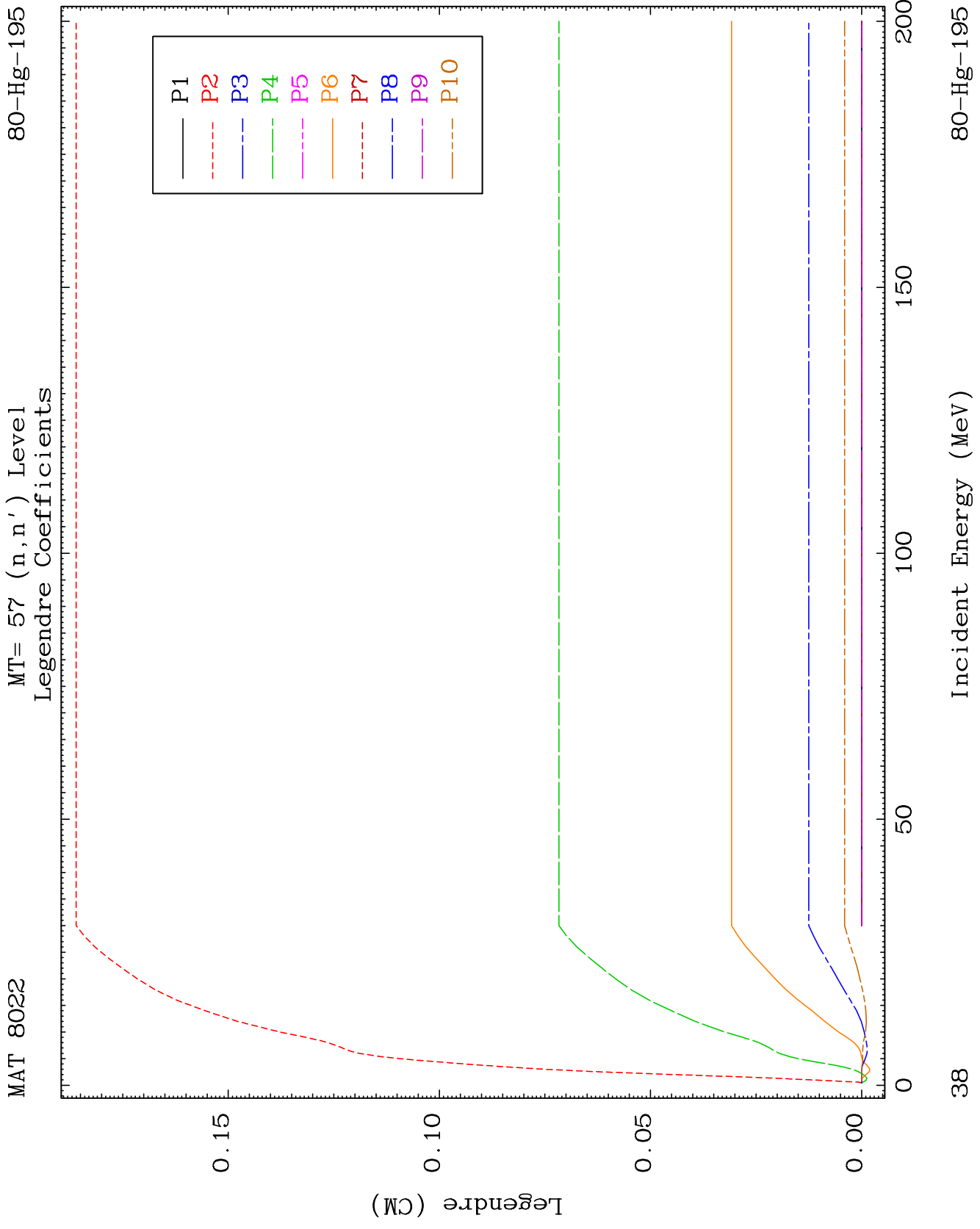
MAT 8022

MT= 56 (n,n') Level  
Legendre Coefficients

80-Hg-195



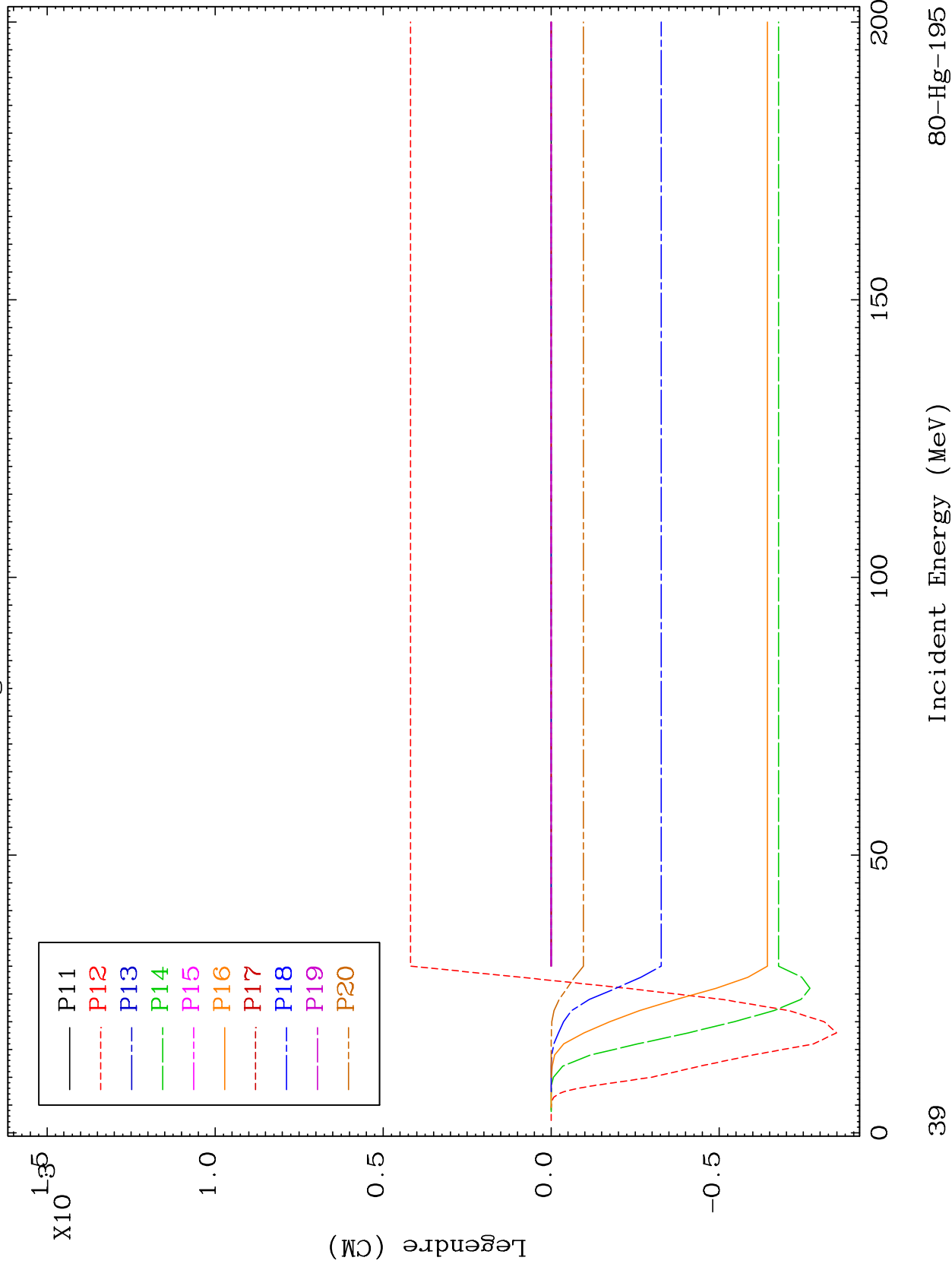




MAT 8022

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-195



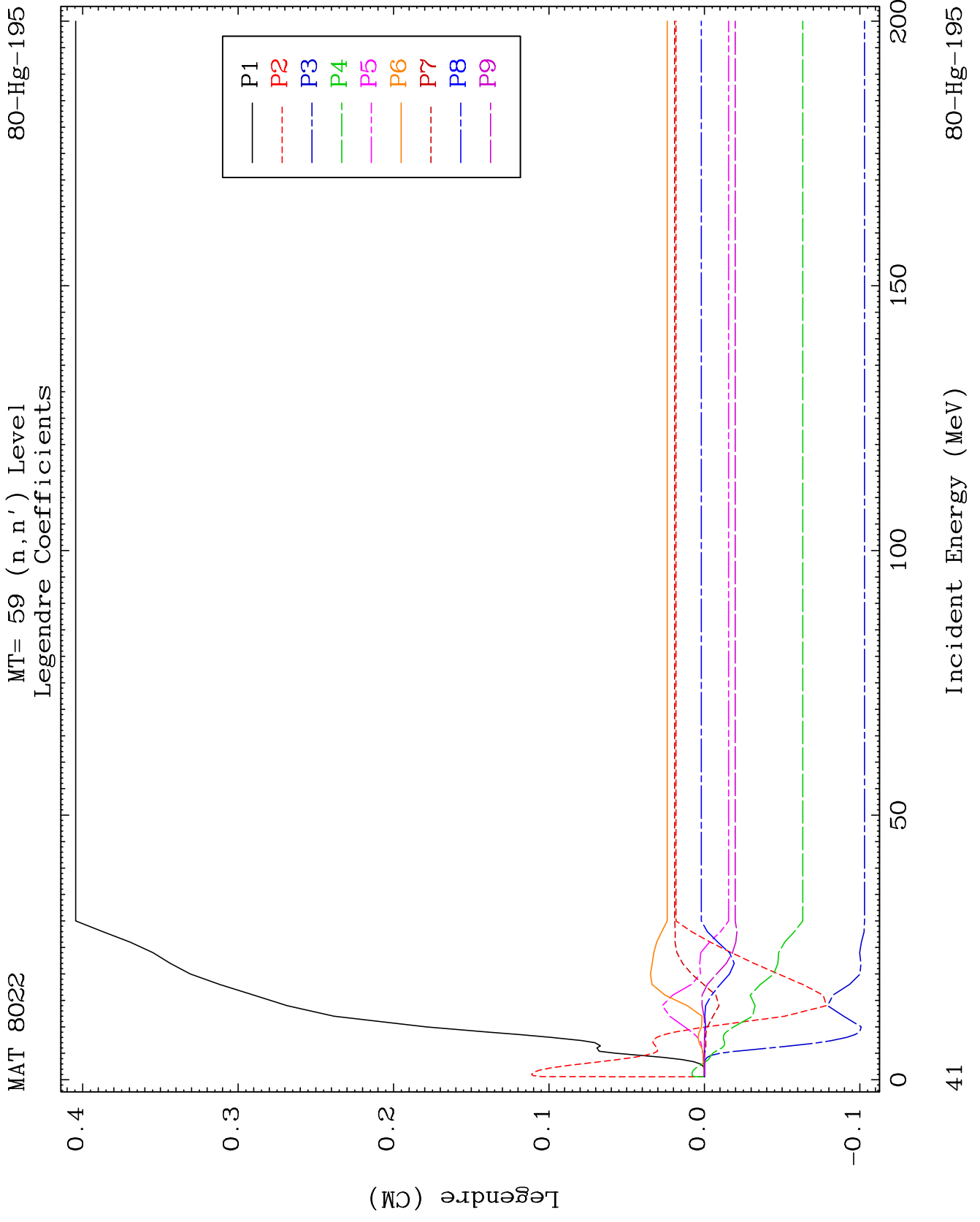
39

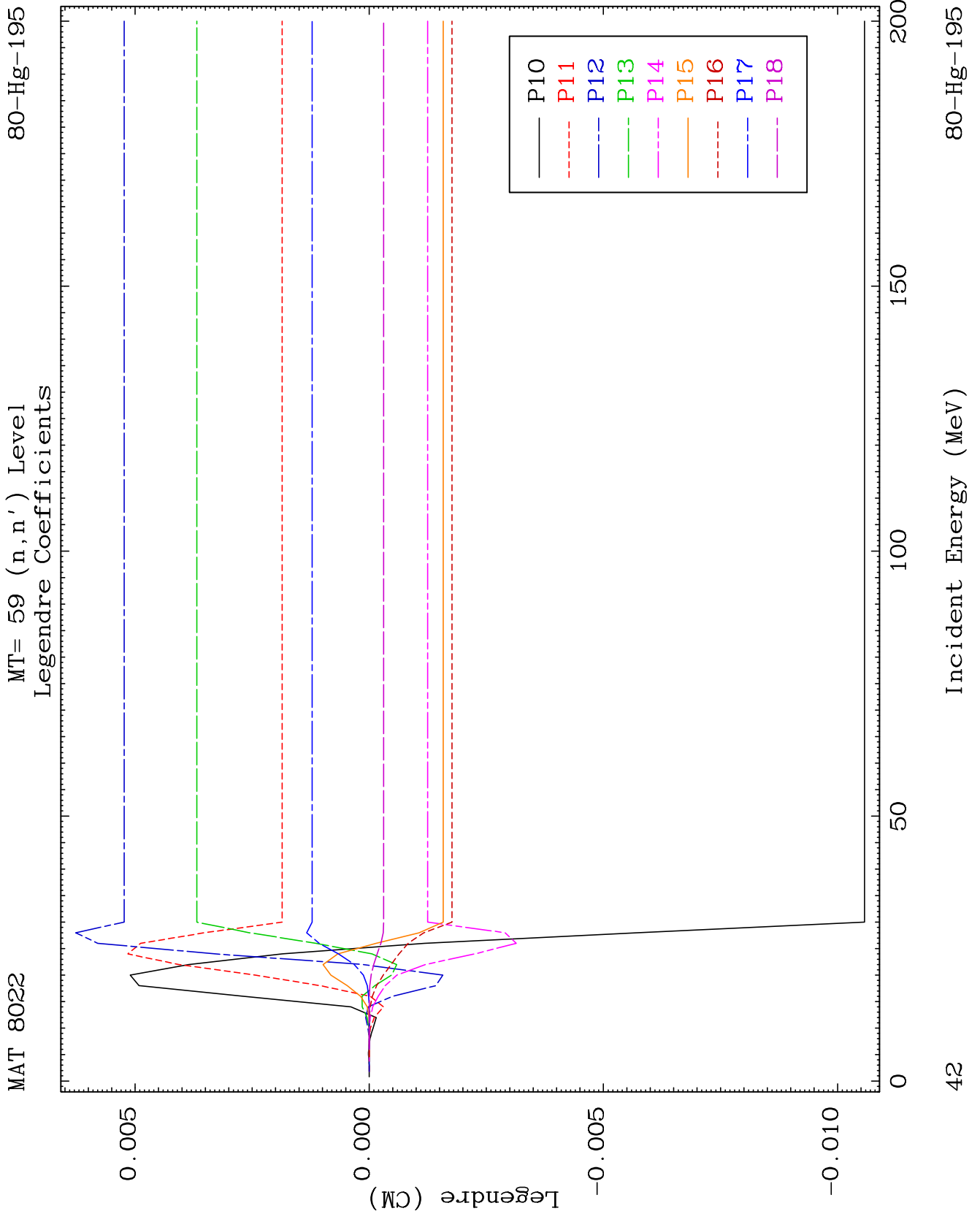
Incident Energy (MeV)

80-Hg-195





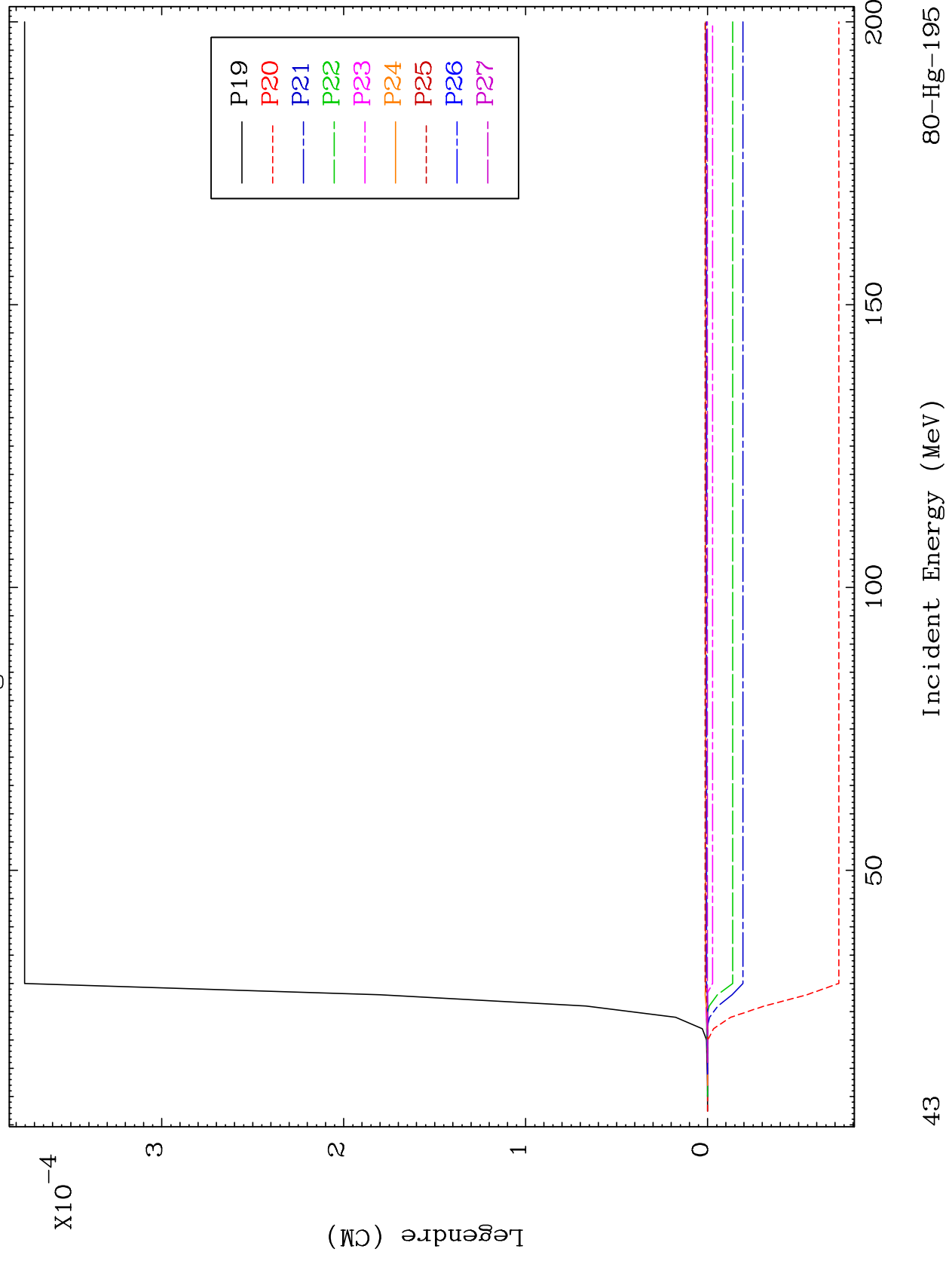




MAT 8022

MT= 59 (n,n') Level  
Legendre Coefficients

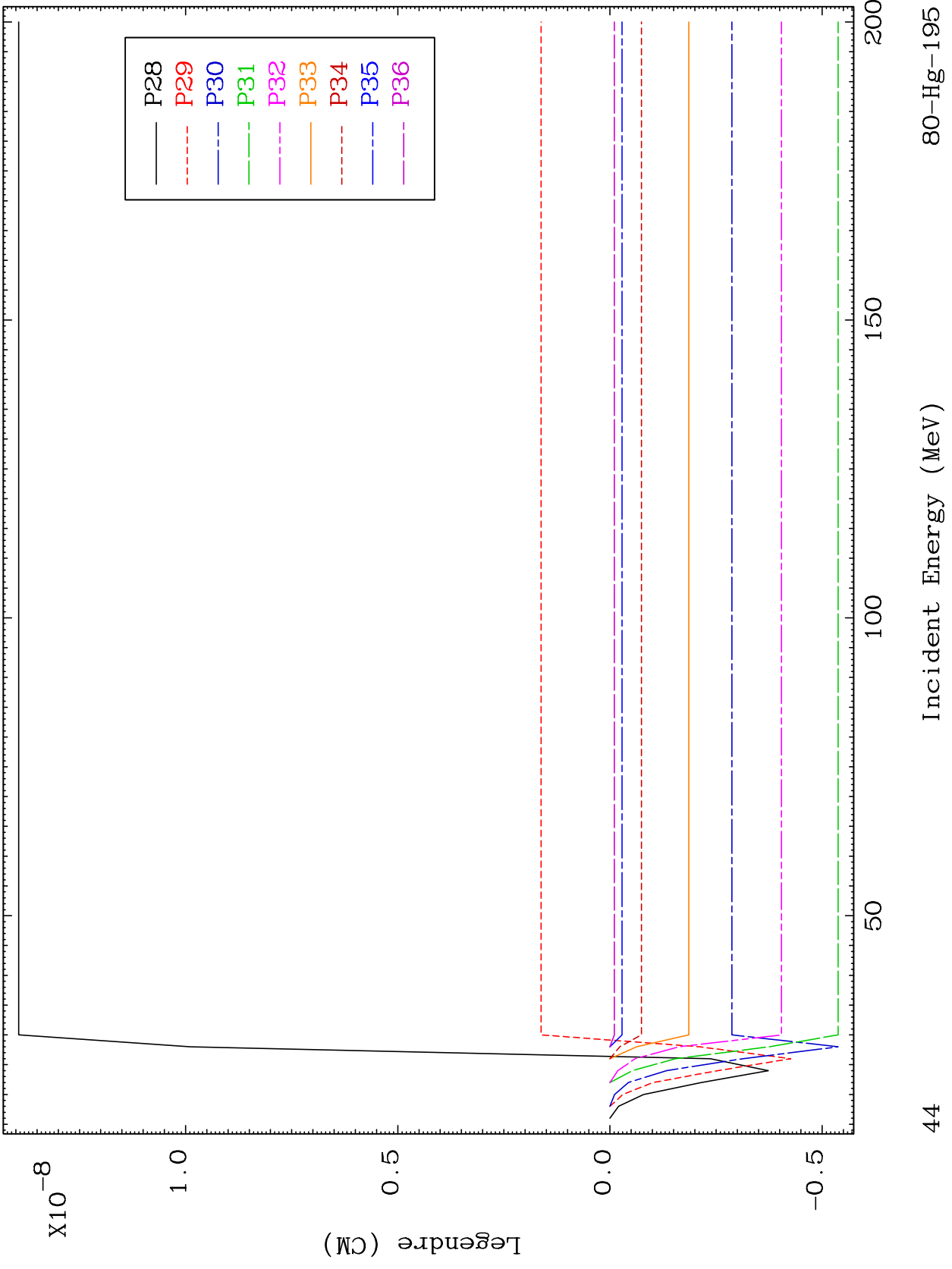
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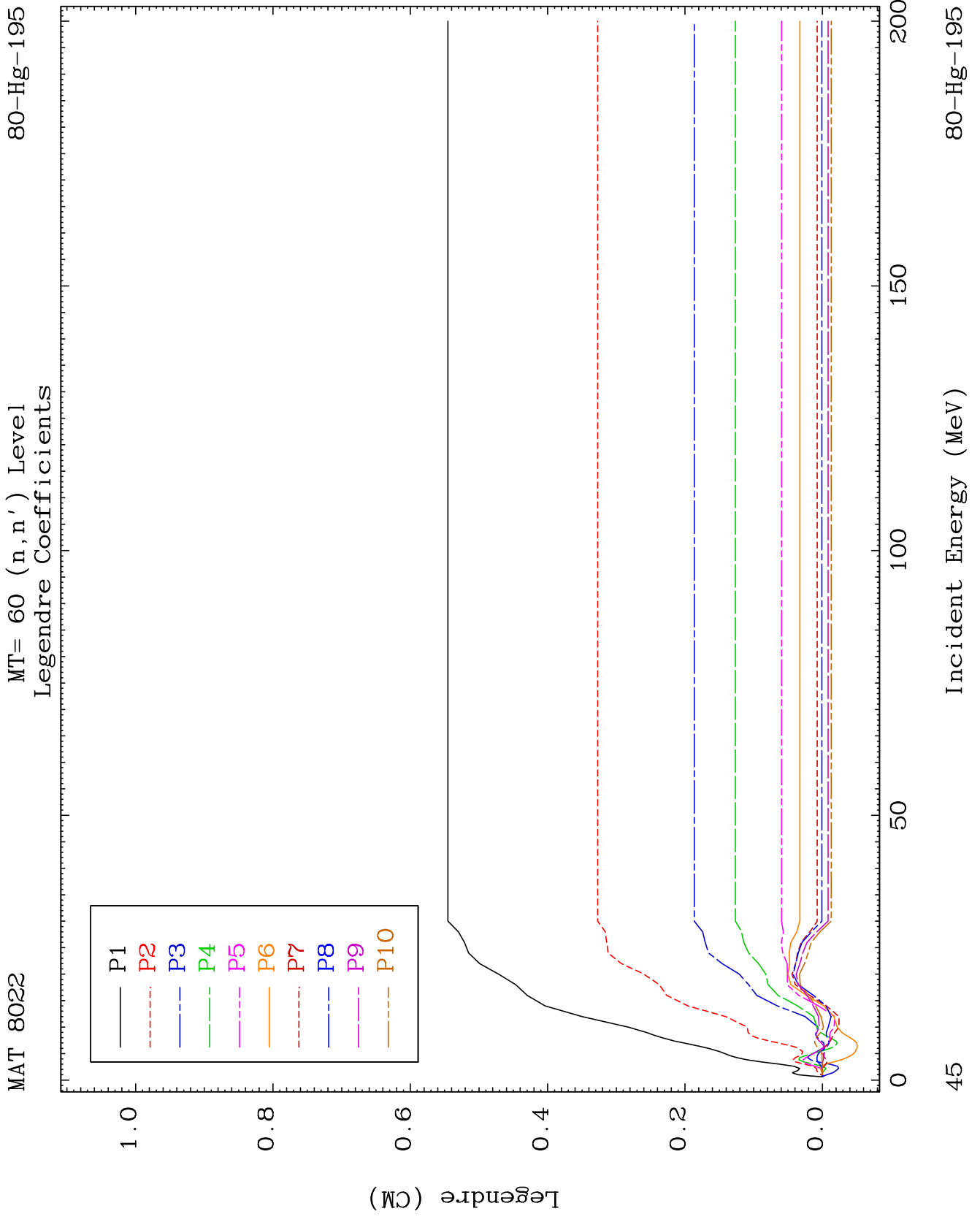


MAT 8022

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-195

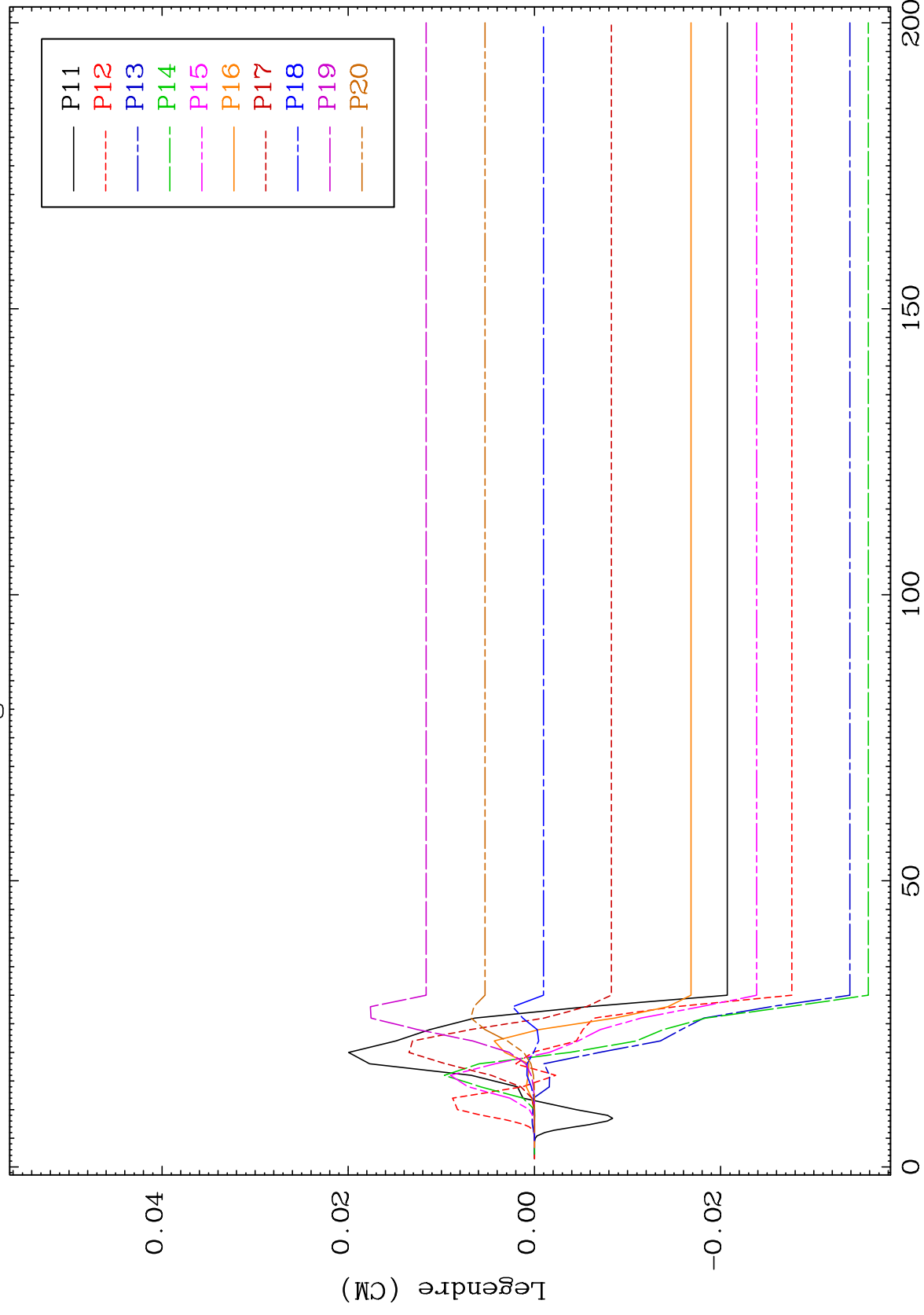




MAT 8022

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-195



46

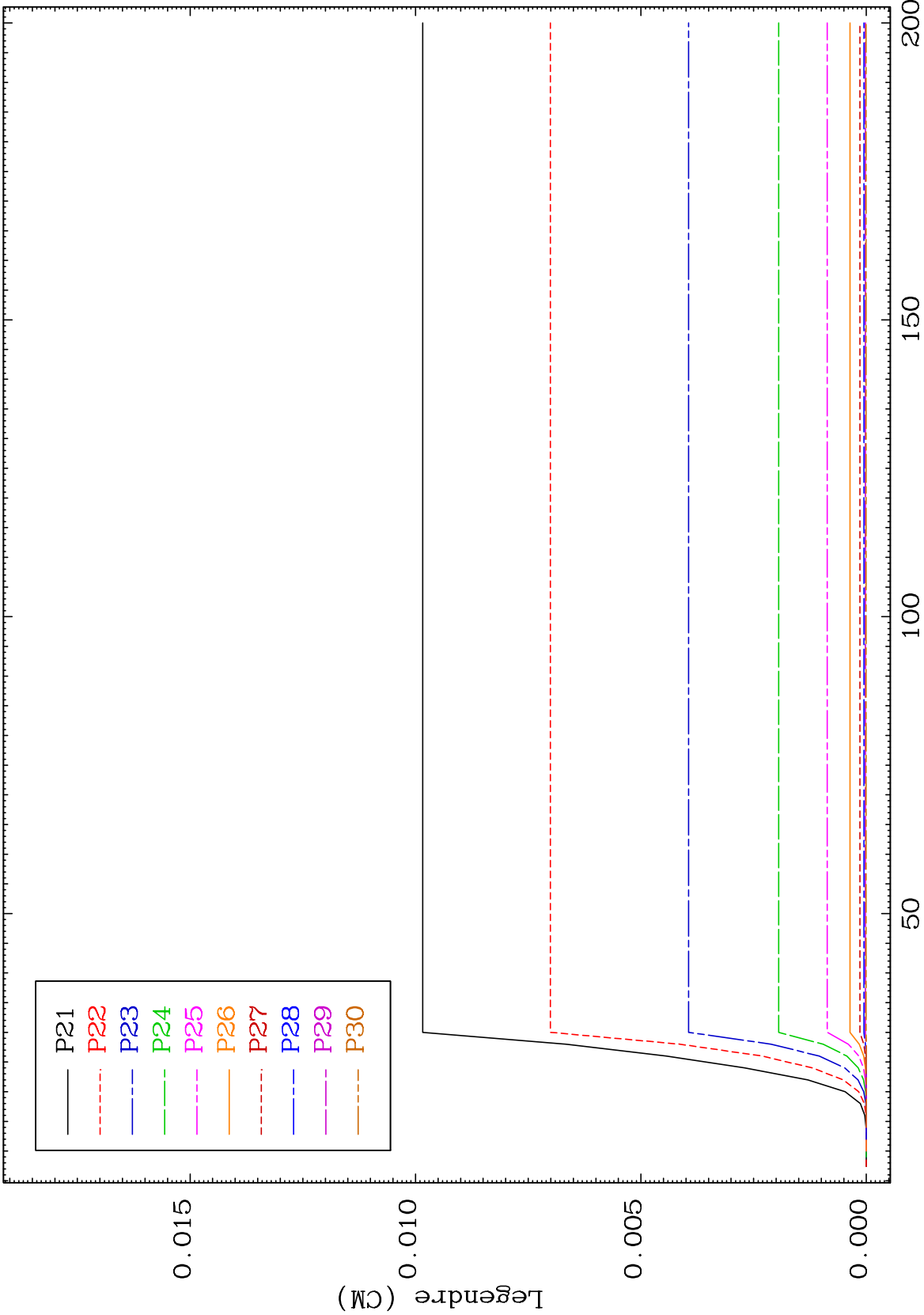
Incident Energy (MeV)

80-Hg-195

MAT 8022

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-195

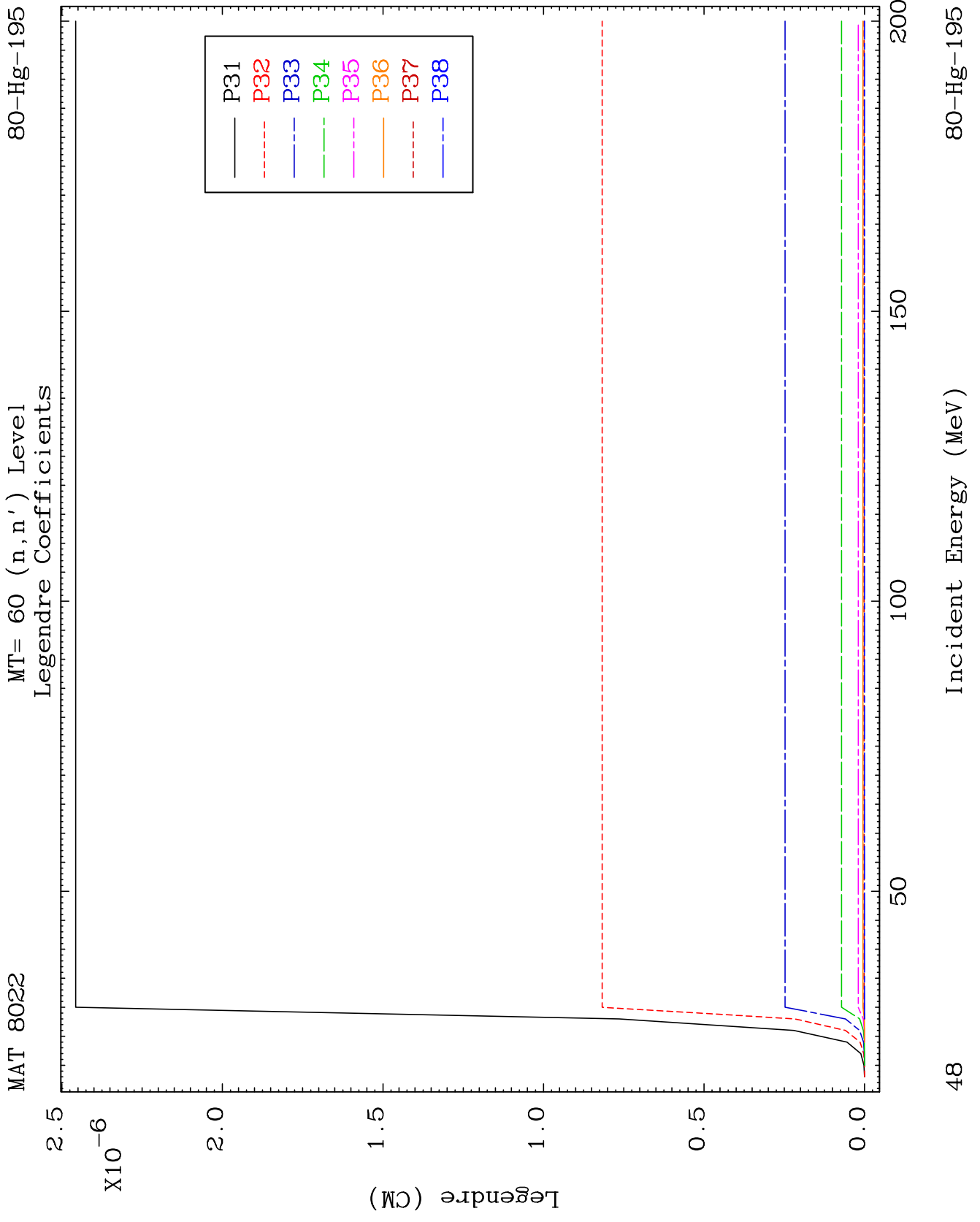


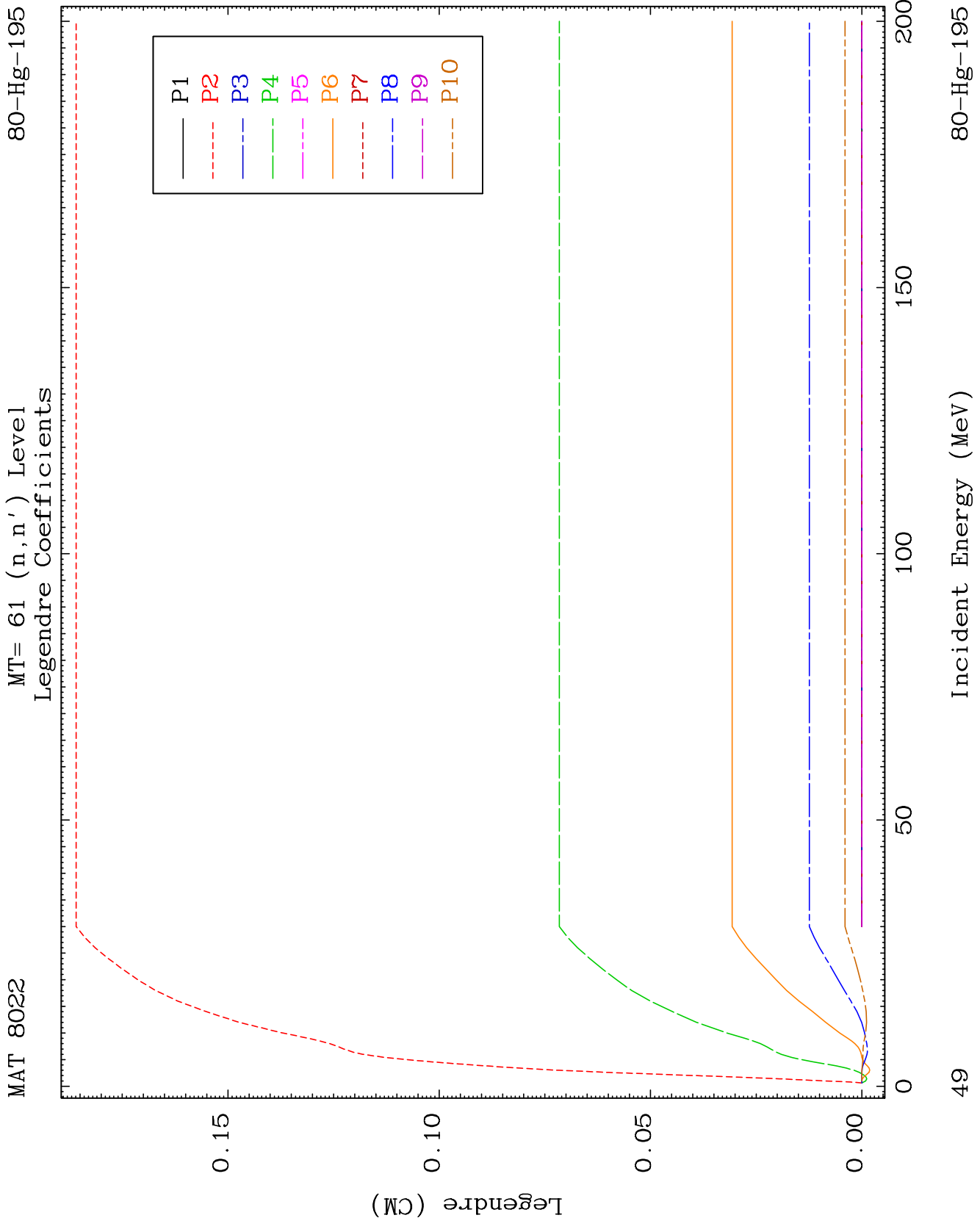
47

Incident Energy (MeV)

80-Hg-195



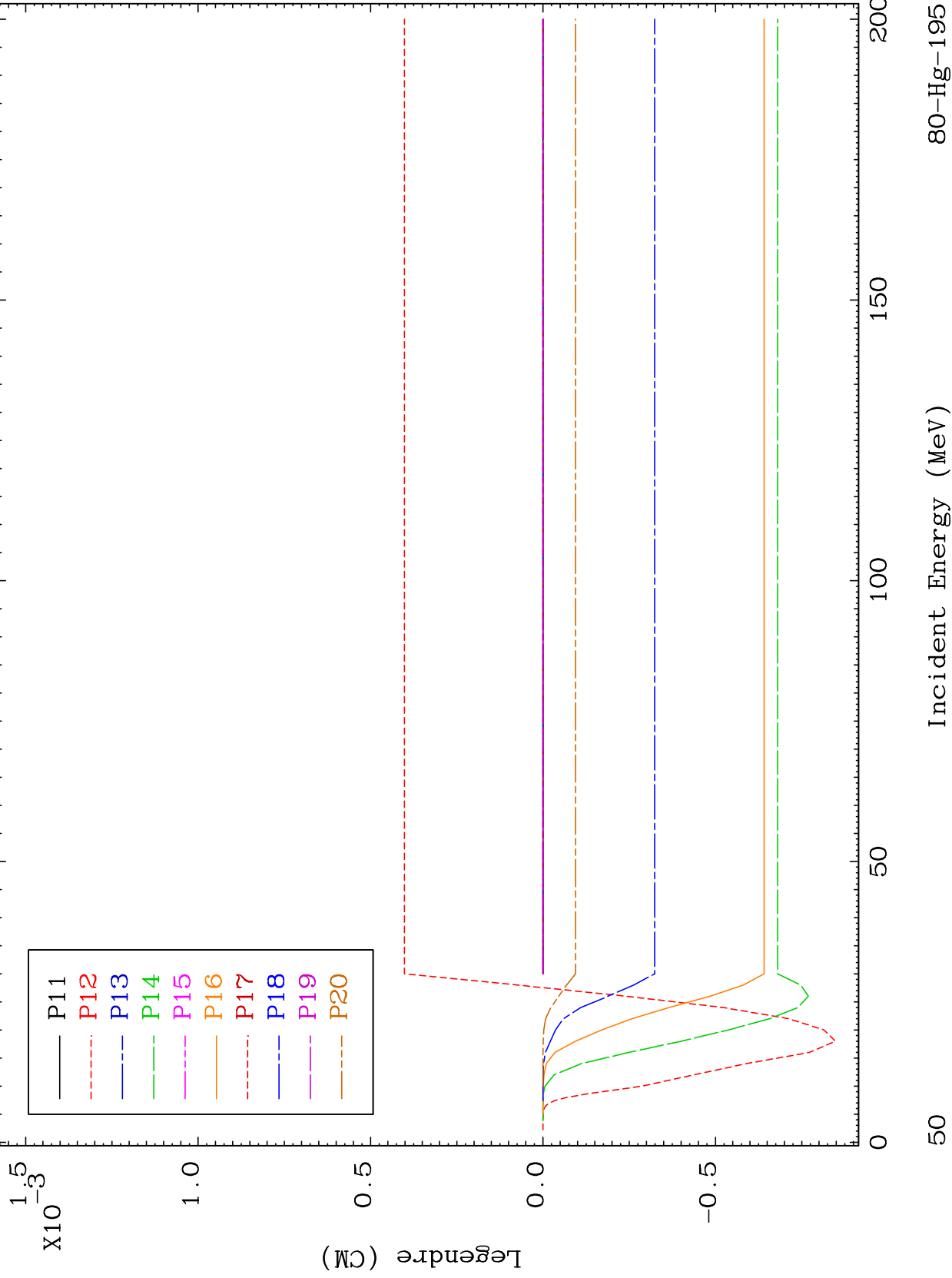


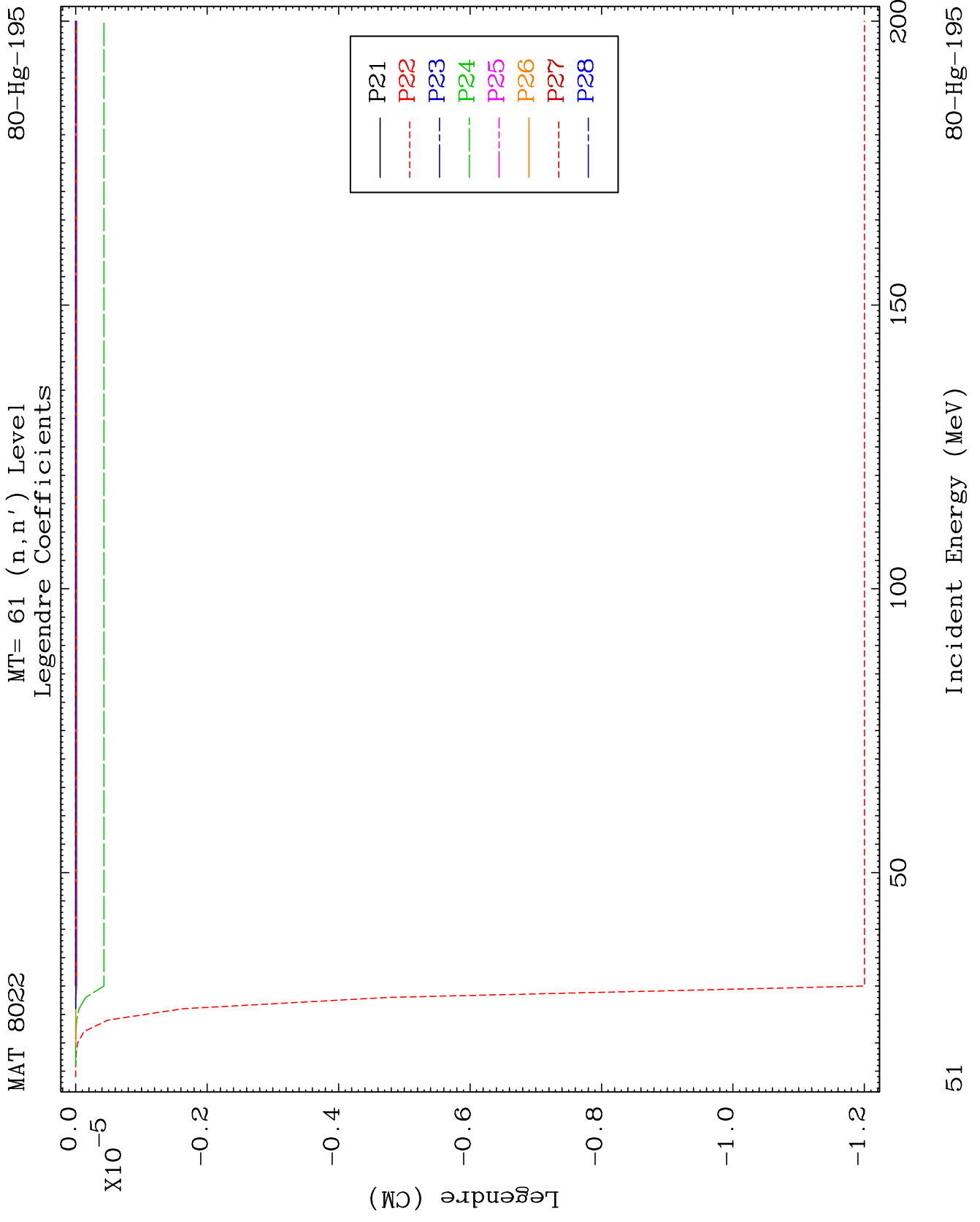


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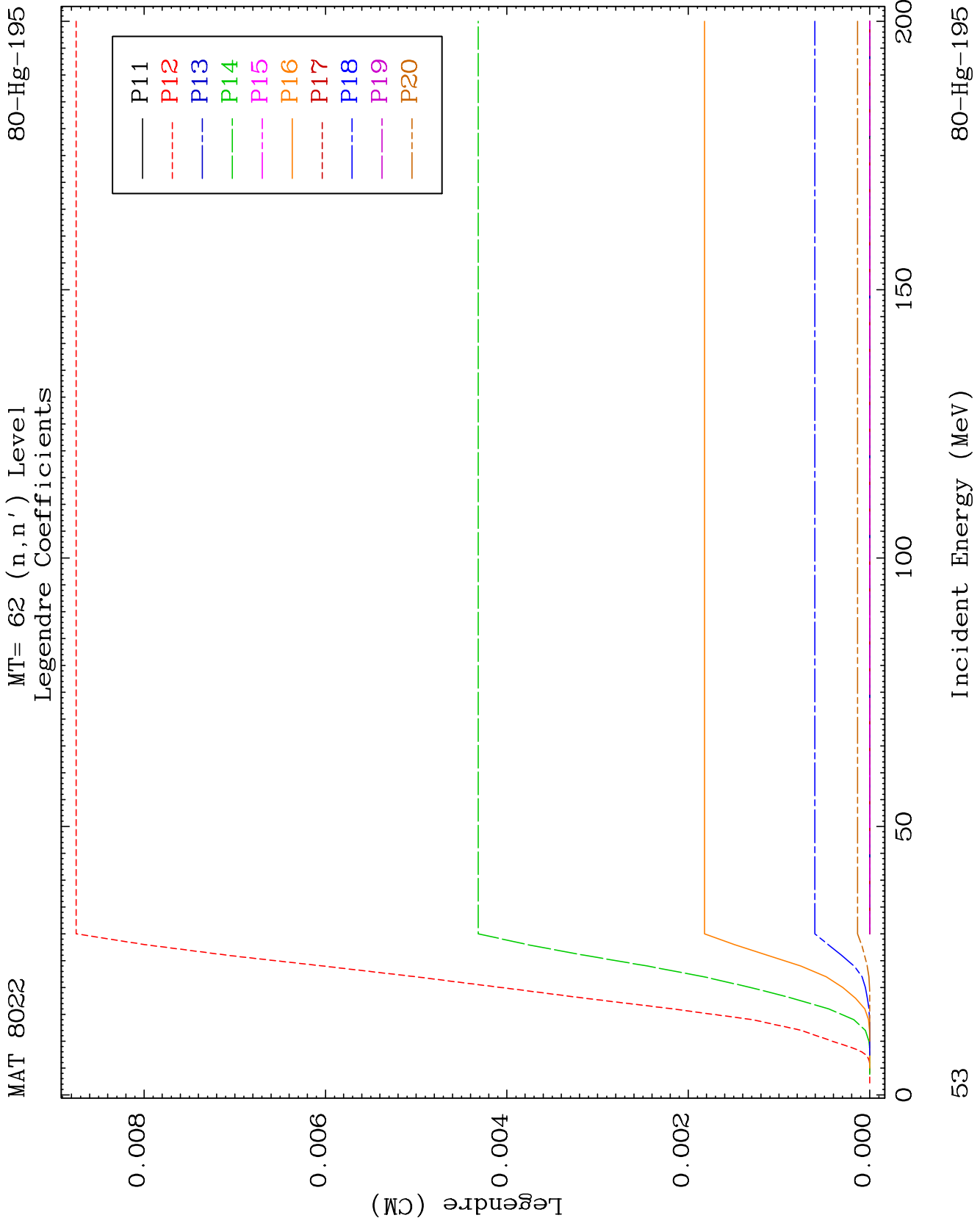
MT= 61 (n,n') Level  
Legendre Coefficients

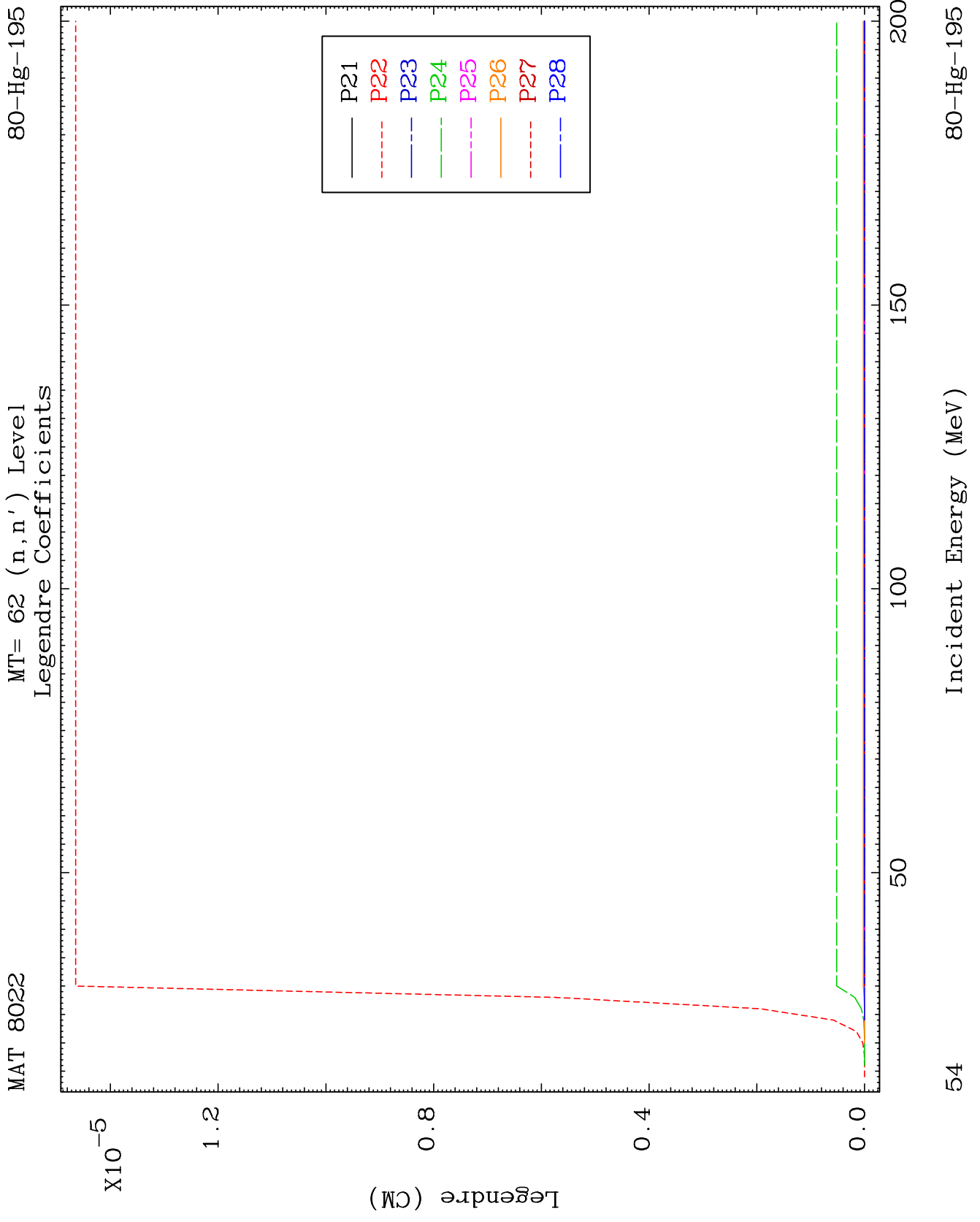
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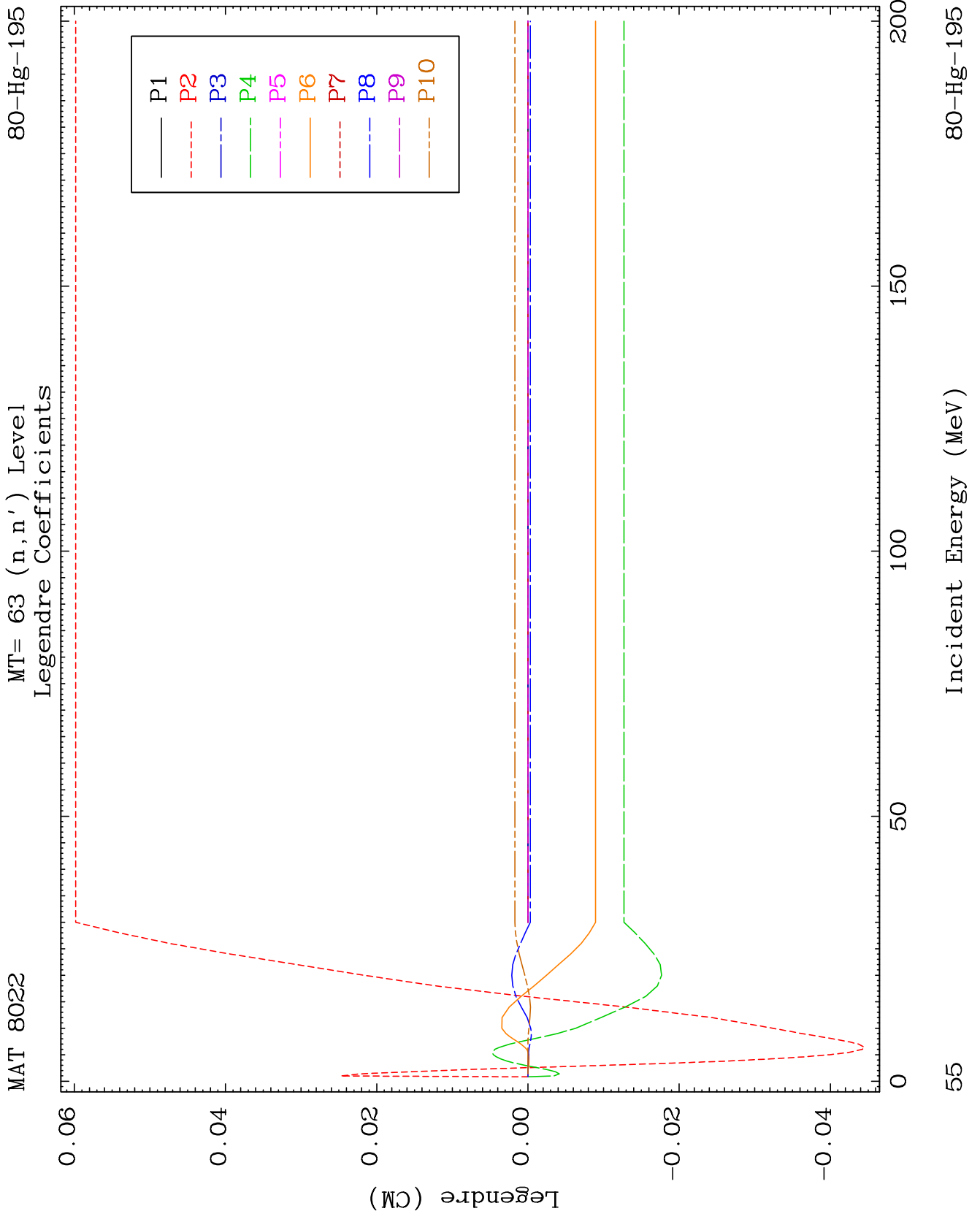






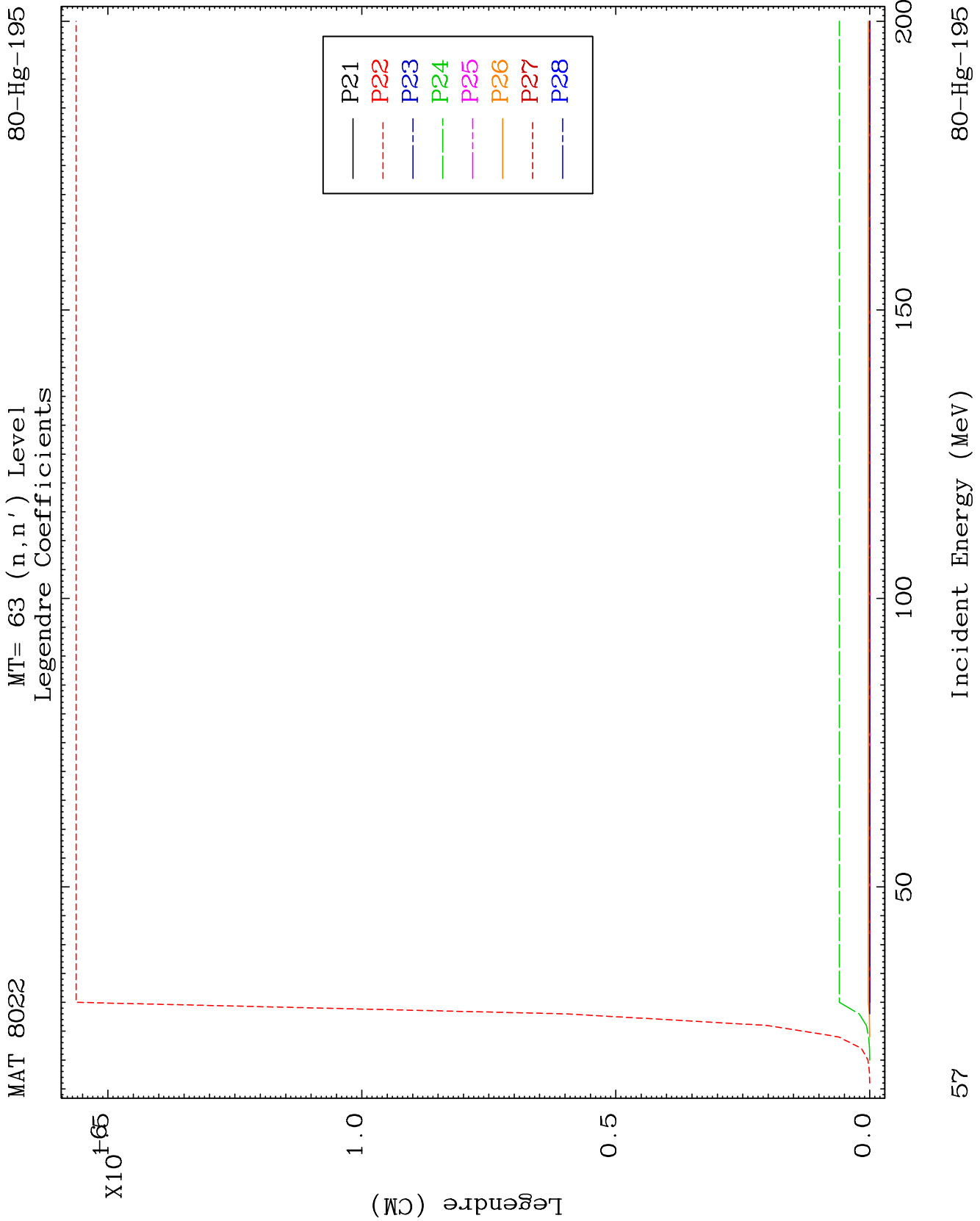








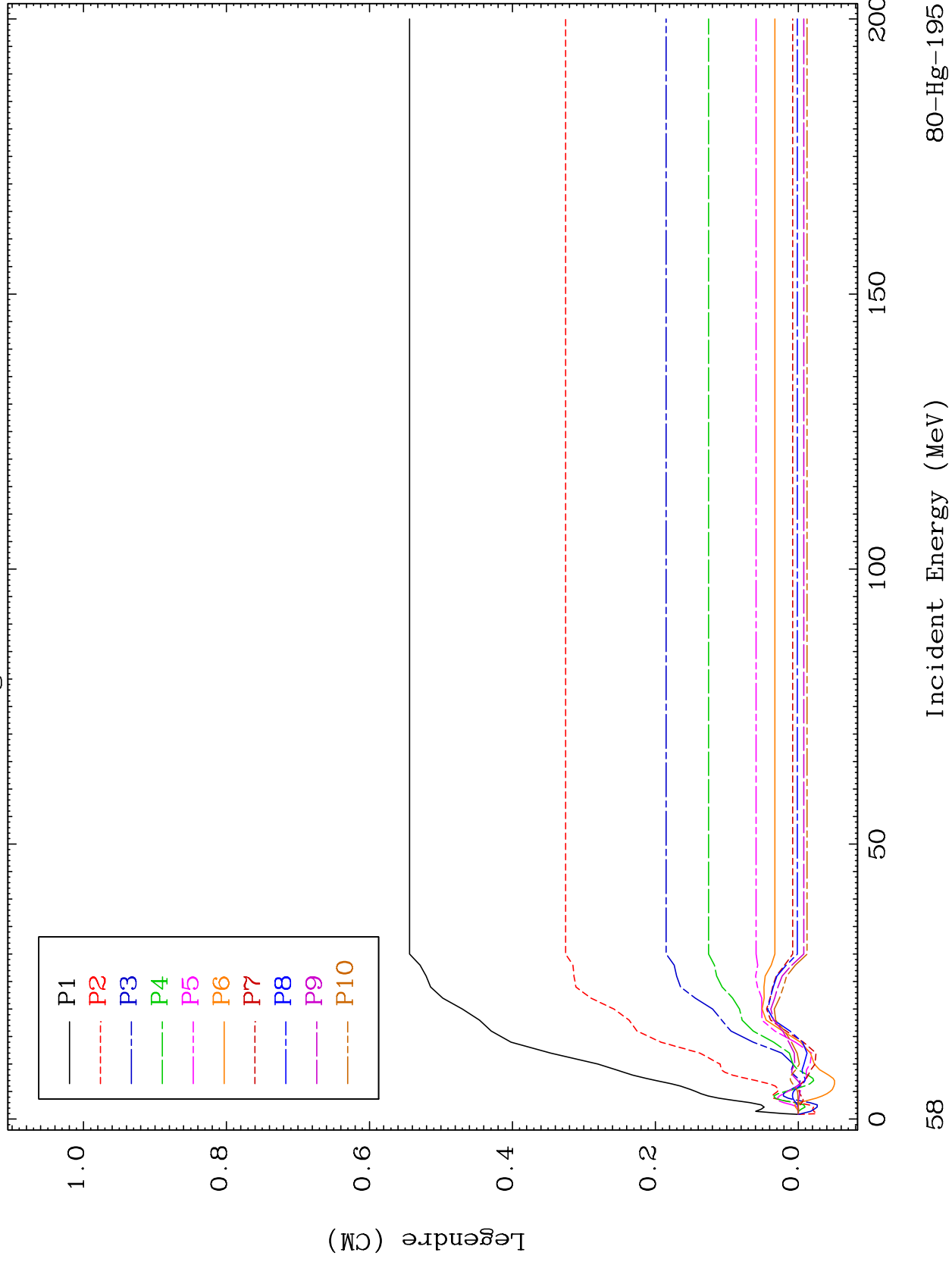




MAT 80222

MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-195

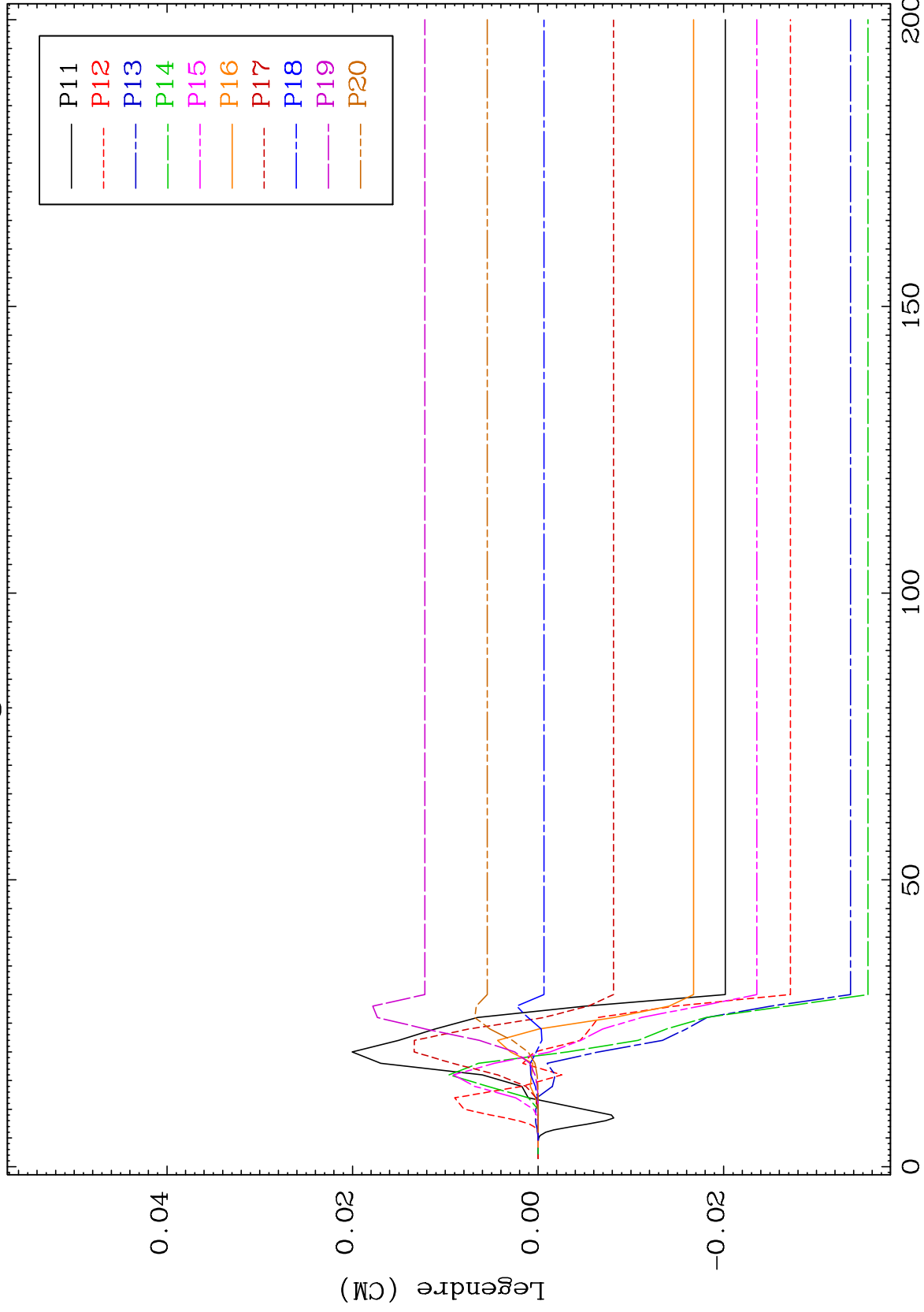


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MAT 8022

MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-195



59

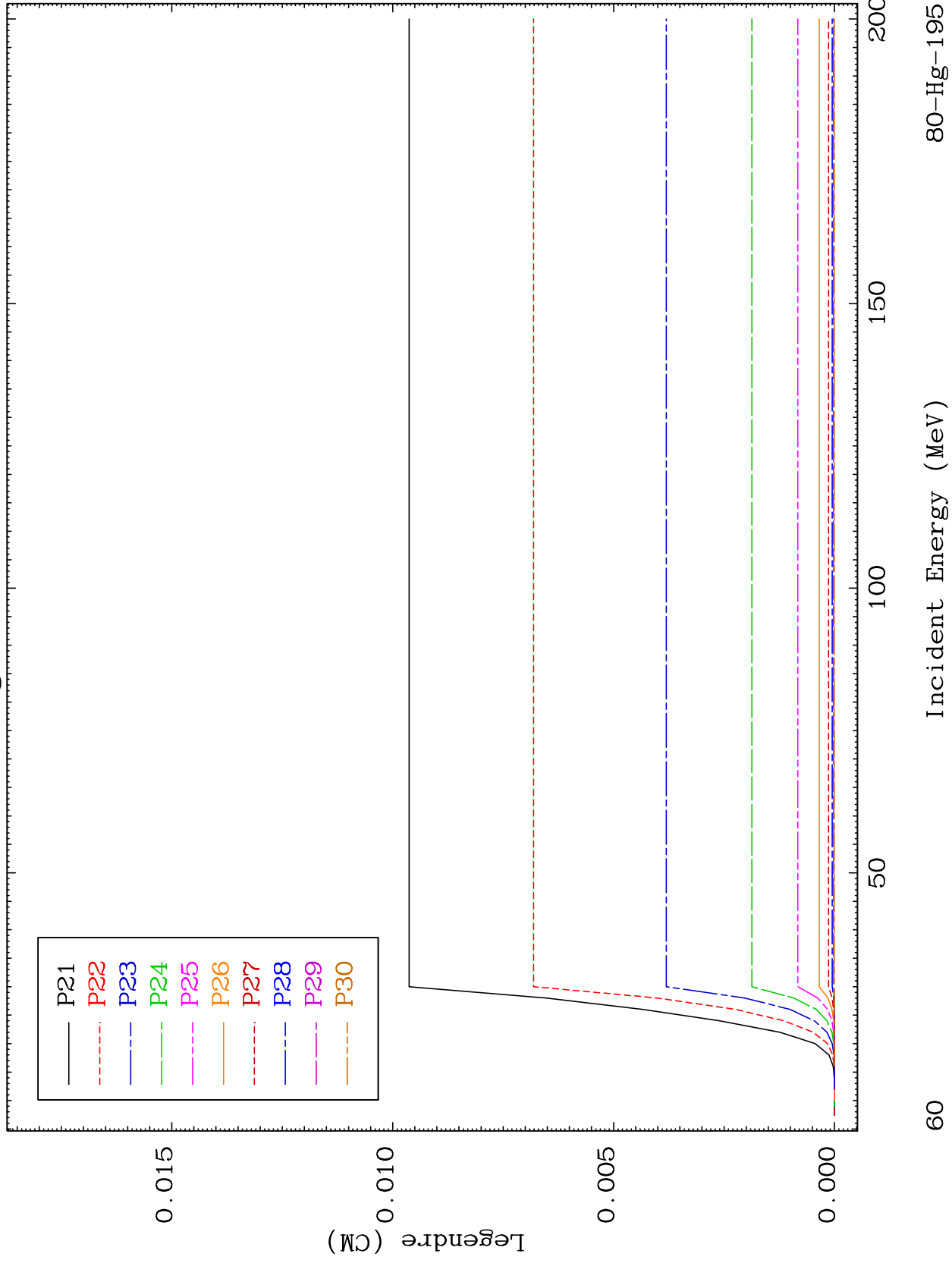
Incident Energy (MeV)

80-Hg-195

MAT 8022

MT= 64 (n,n') Level  
Legendre Coefficients

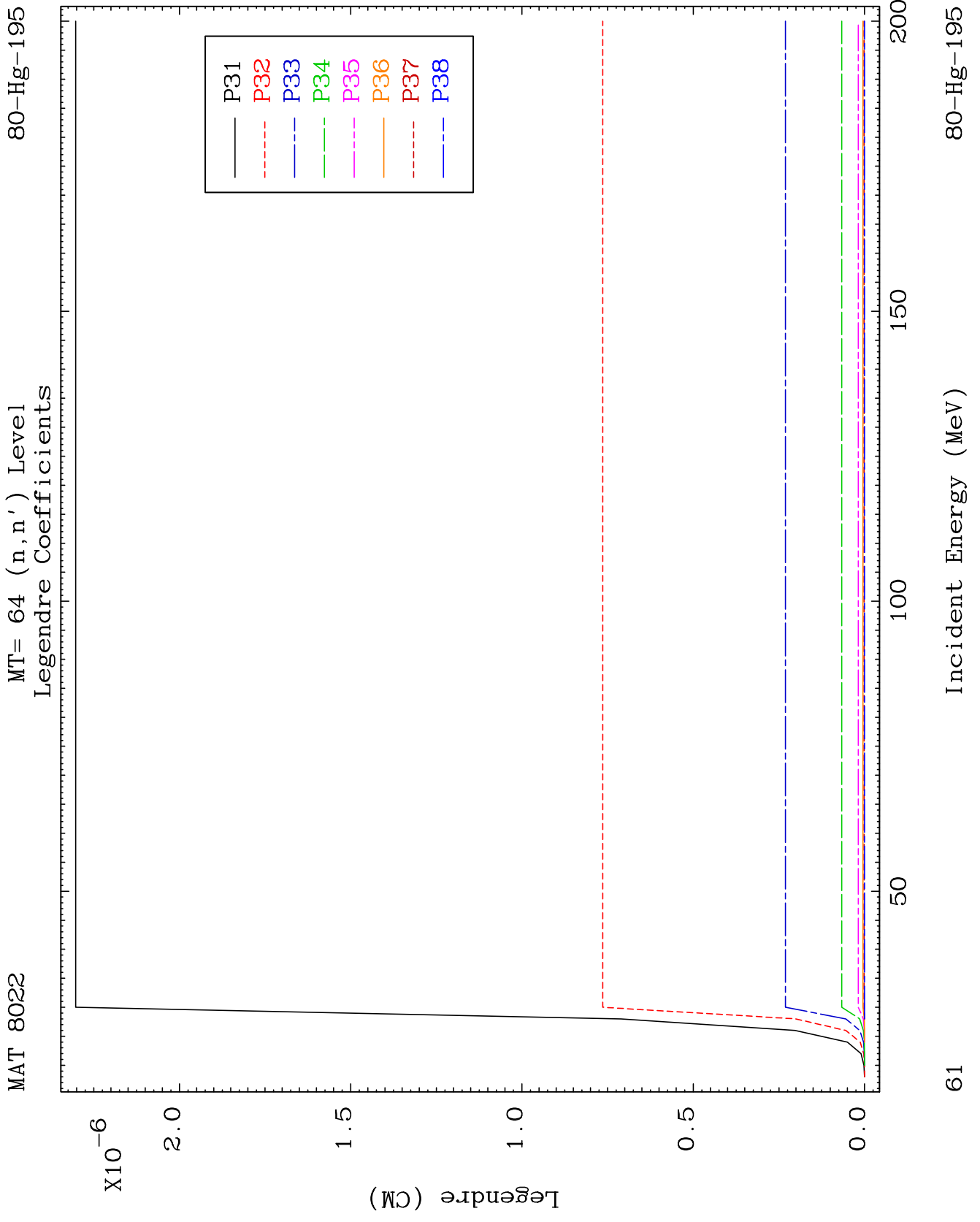
80-Hg-195

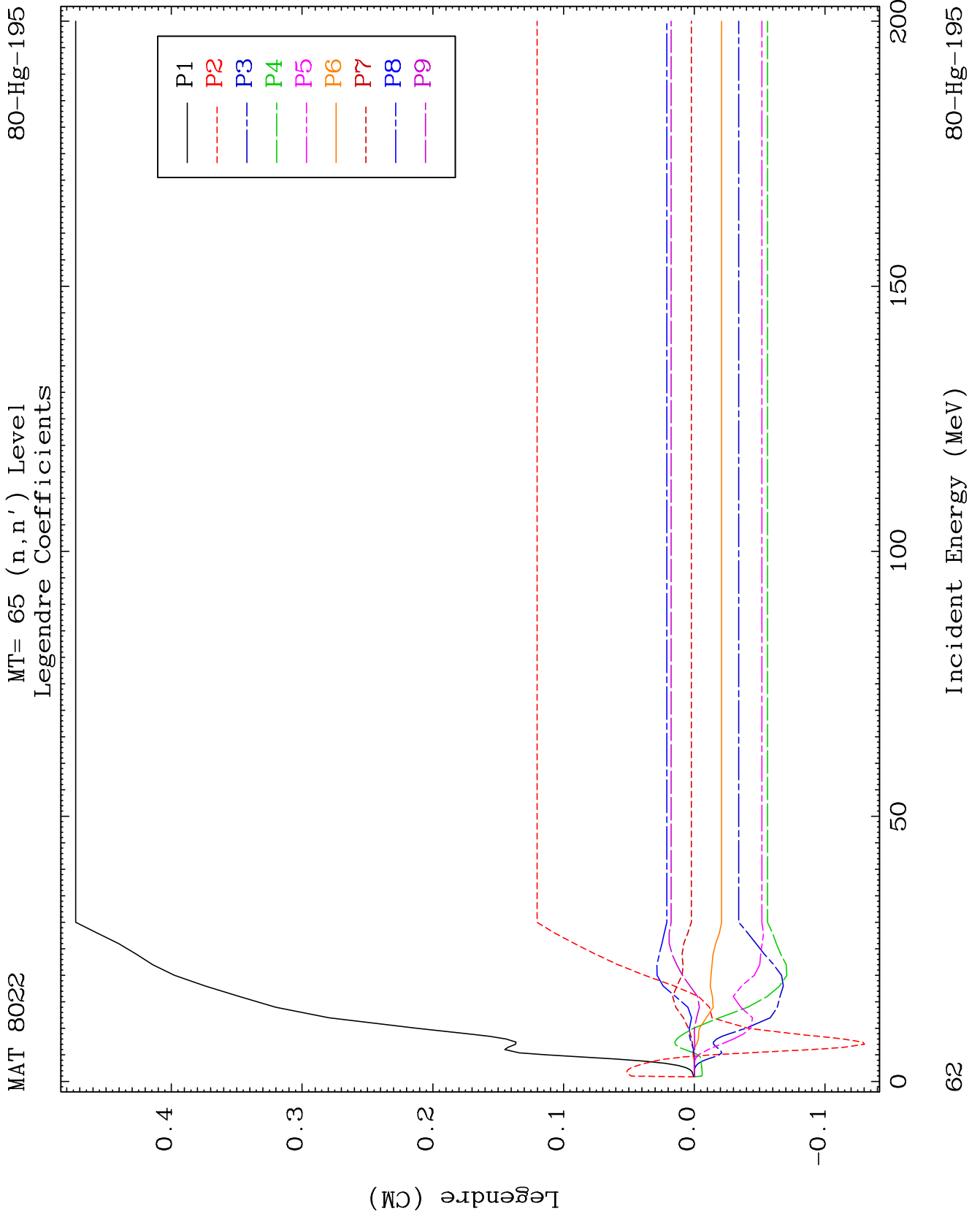


60

Incident Energy (MeV)

80-Hg-195

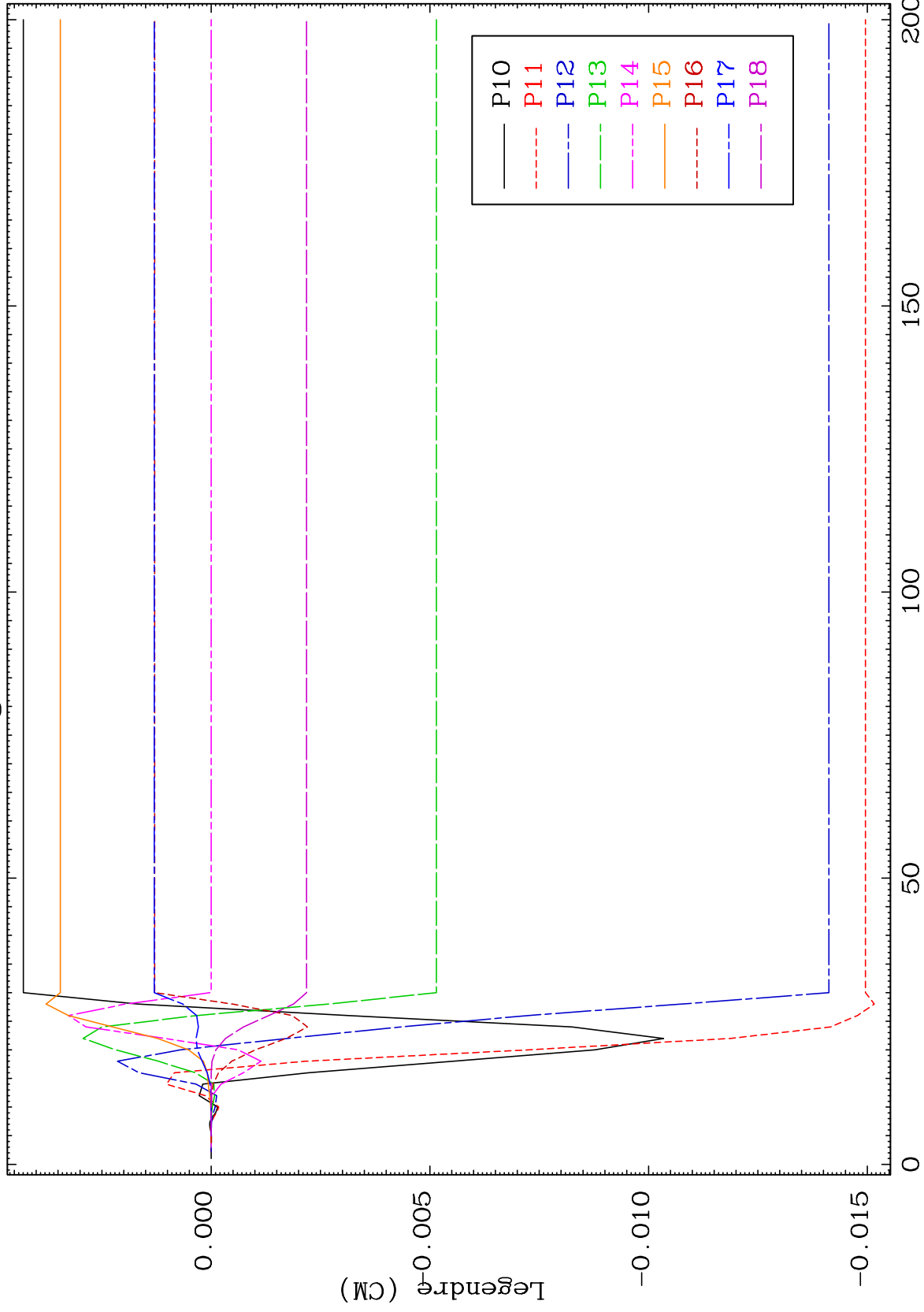




MAT 8022

MT= 65 (n,n') Level  
Legendre Coefficients

80-Hg-195



63

Incident Energy (MeV)

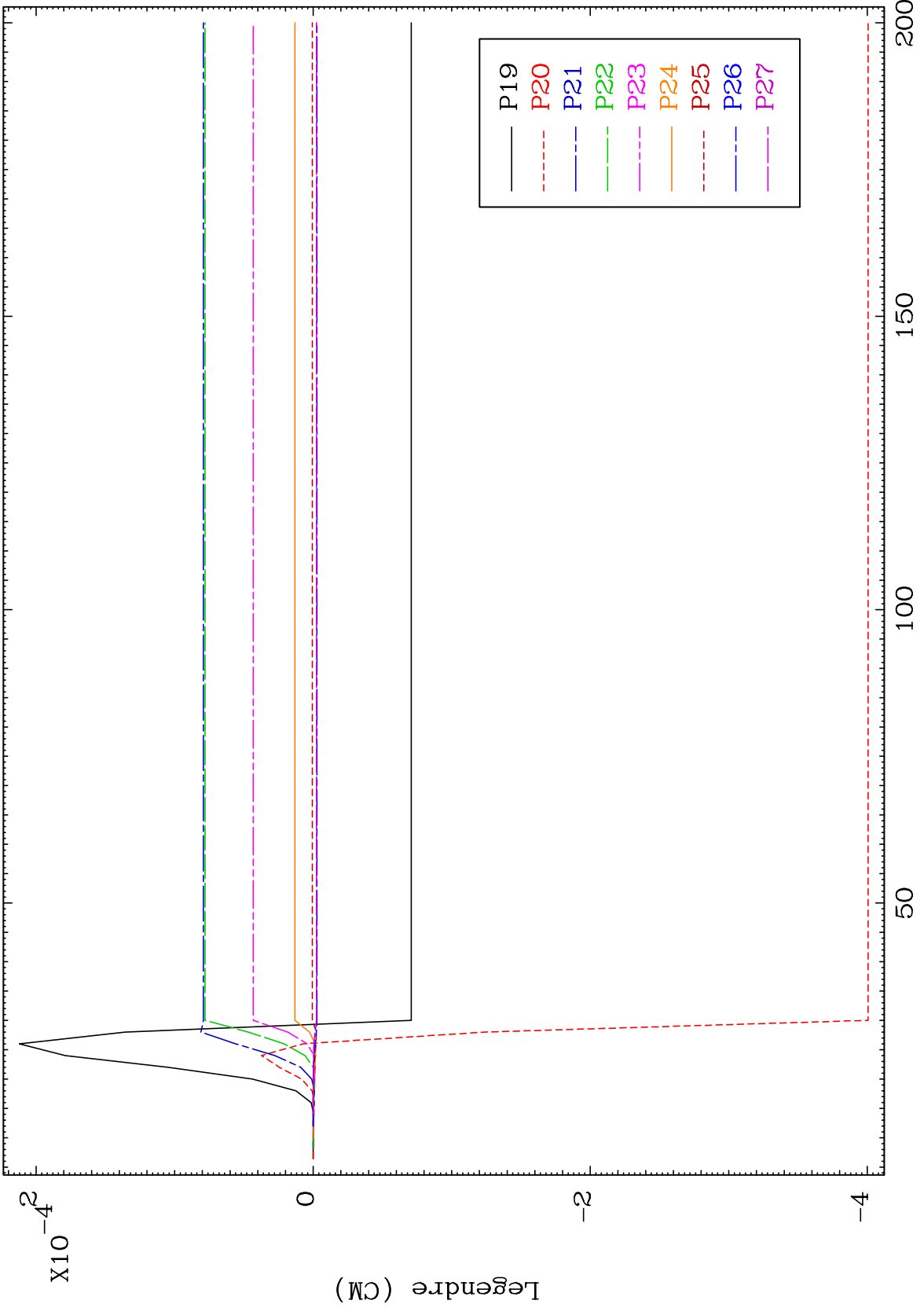
80-Hg-195



MAT 8022

MT= 65 (n,n') Level  
Legendre Coefficients

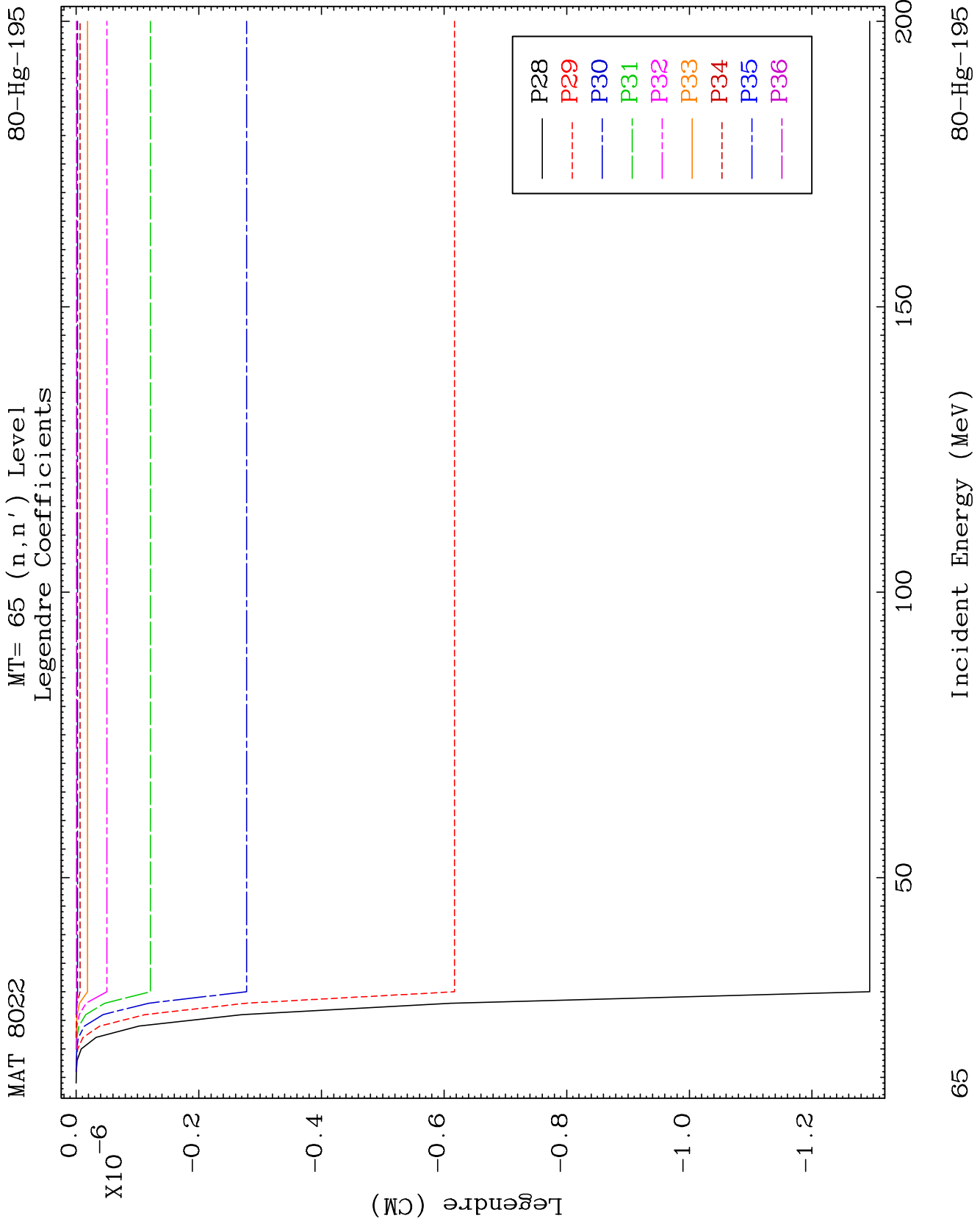
80-Hg-195

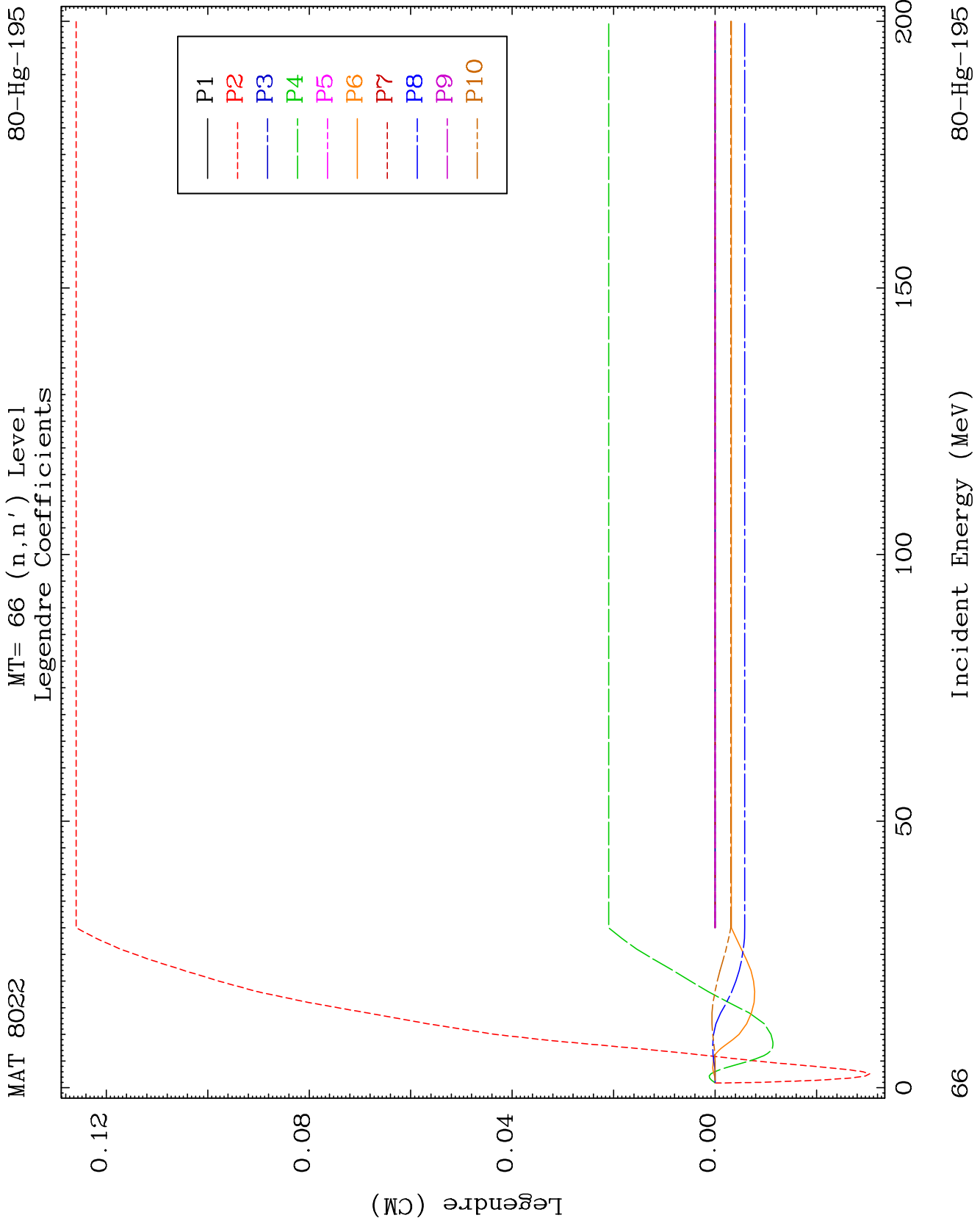


64

Incident Energy (MeV)

80-Hg-195

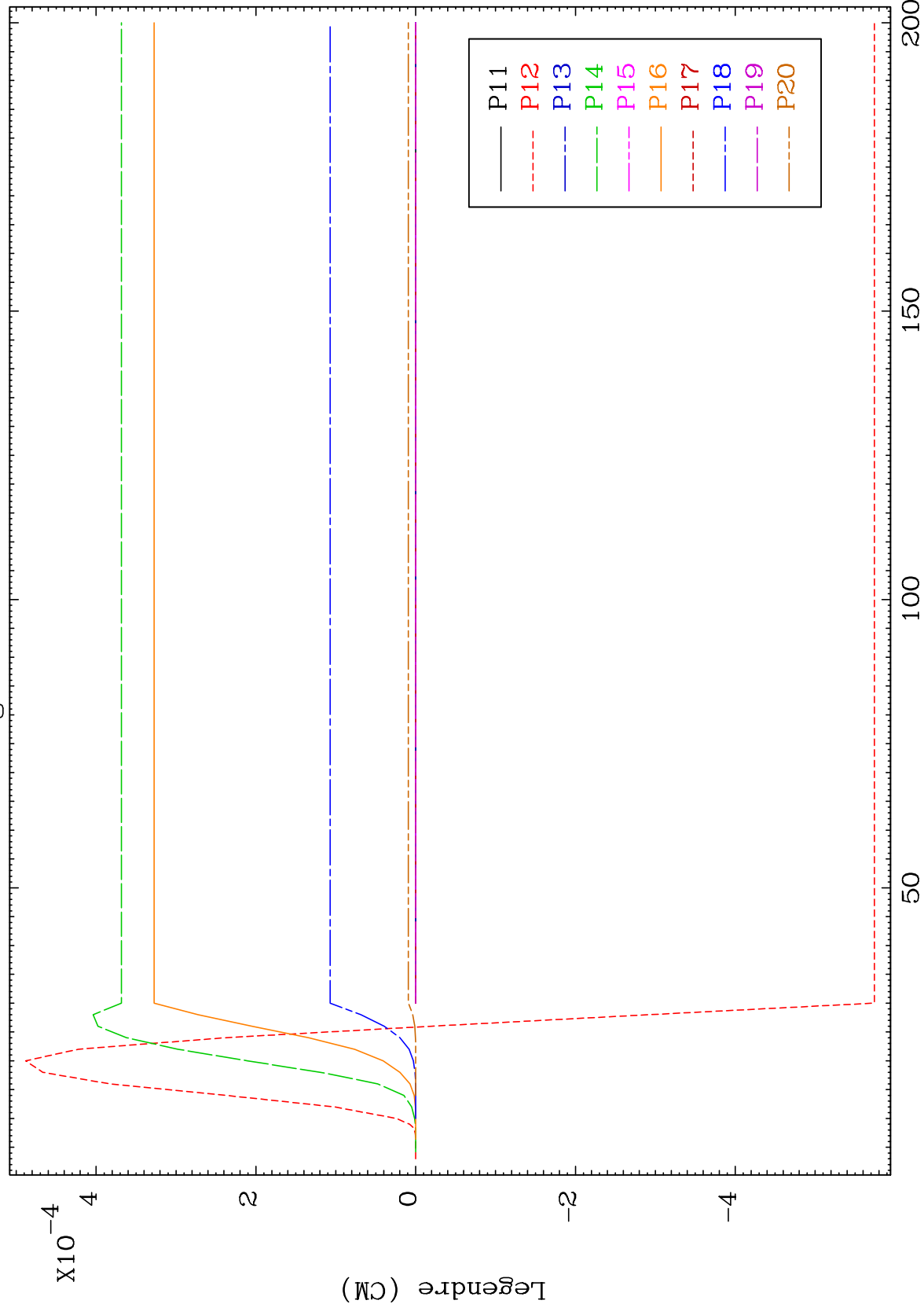




MAT 8022

MT= 66 (n,n') Level  
Legendre Coefficients

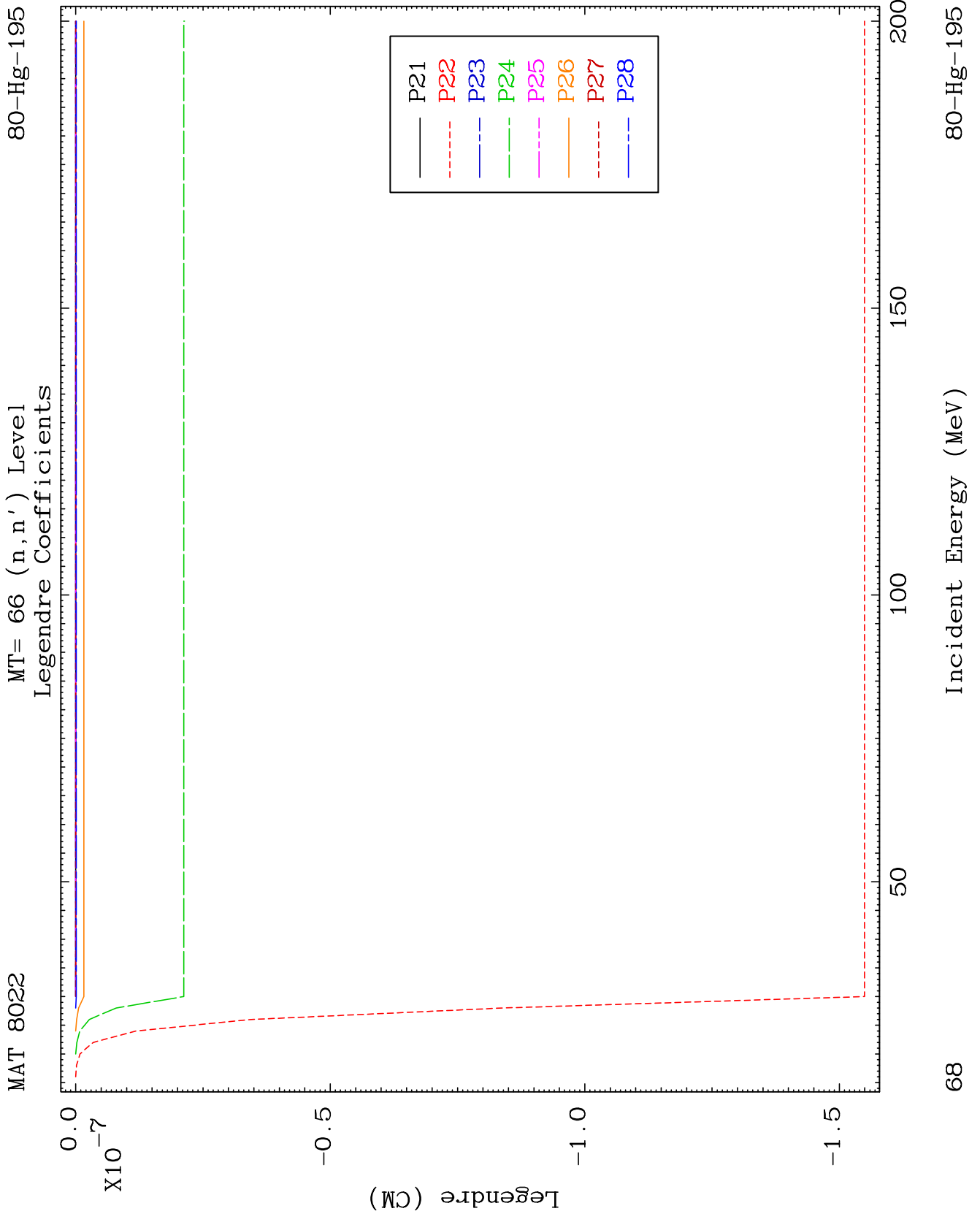
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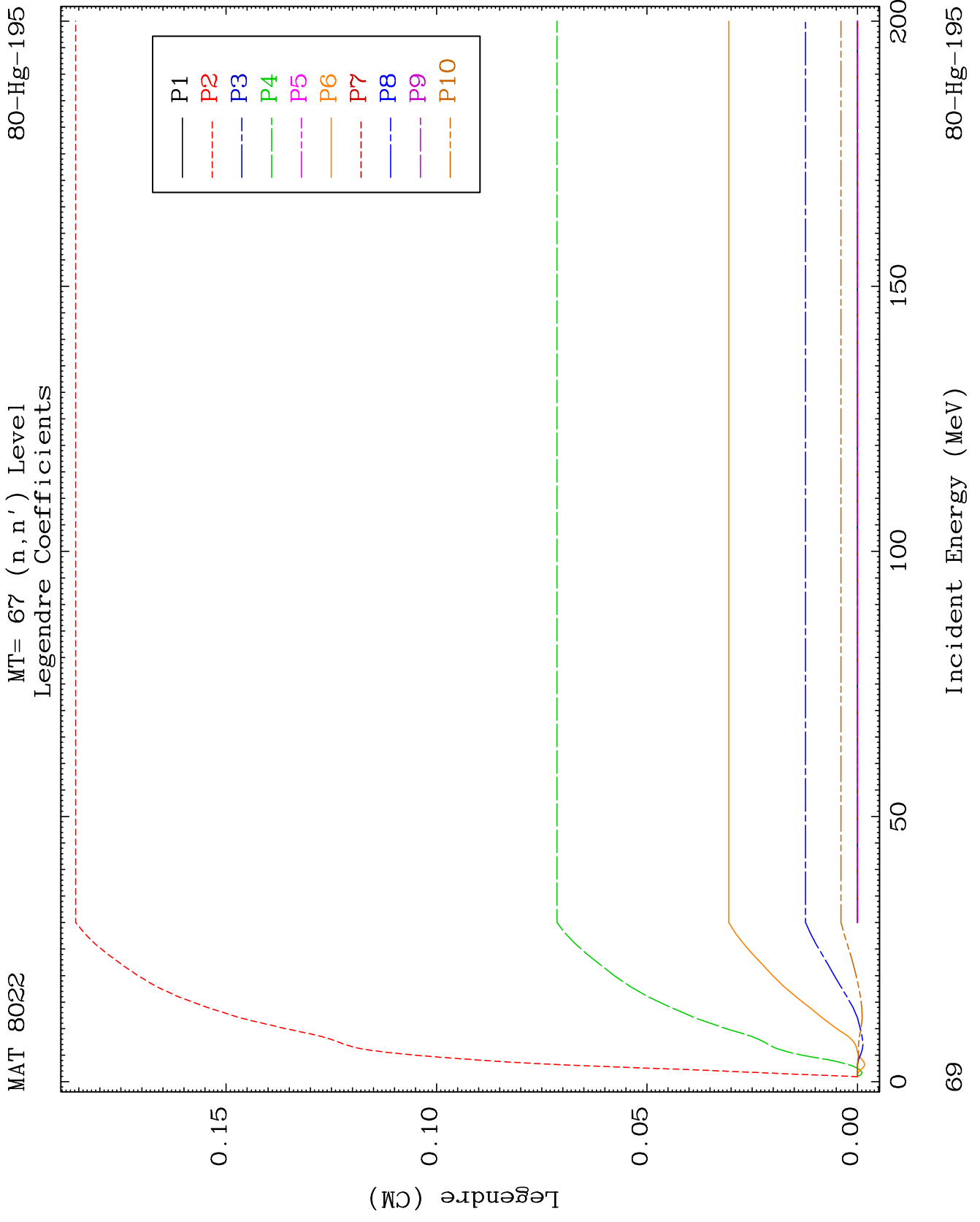


67

Incident Energy (MeV)

80-Hg-195

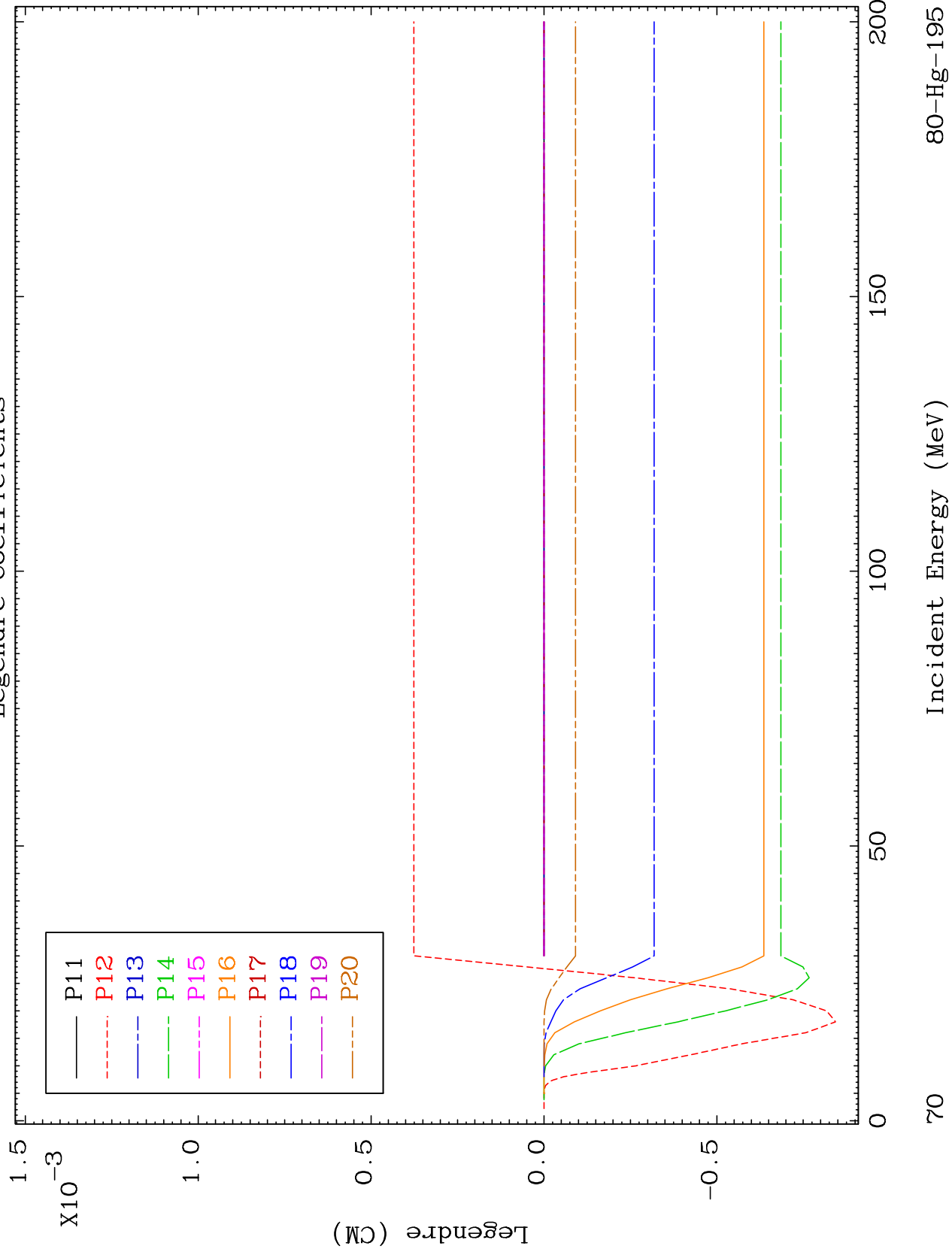


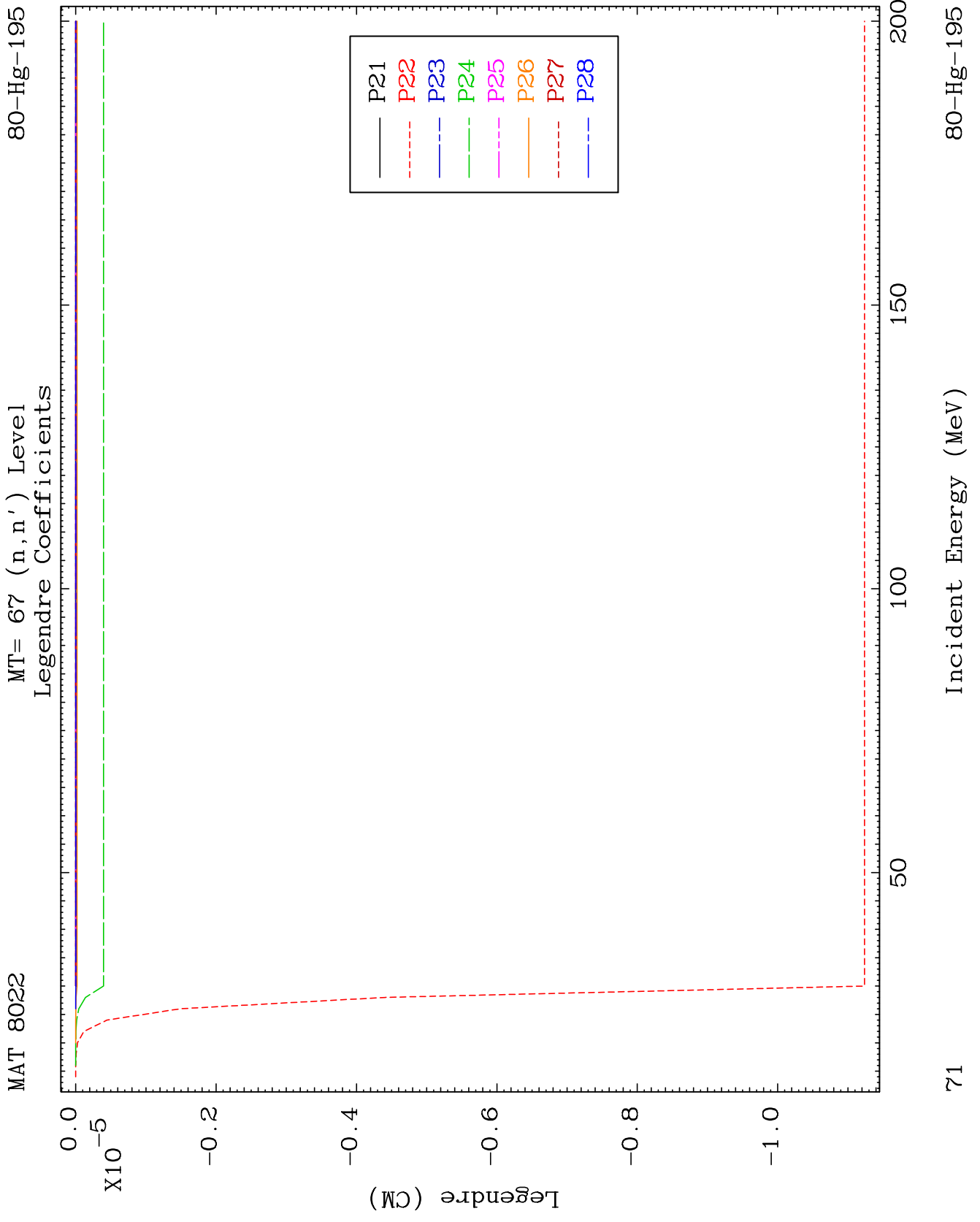


MAT 80222

MT= 67 (n,n') Level  
Legendre Coefficients

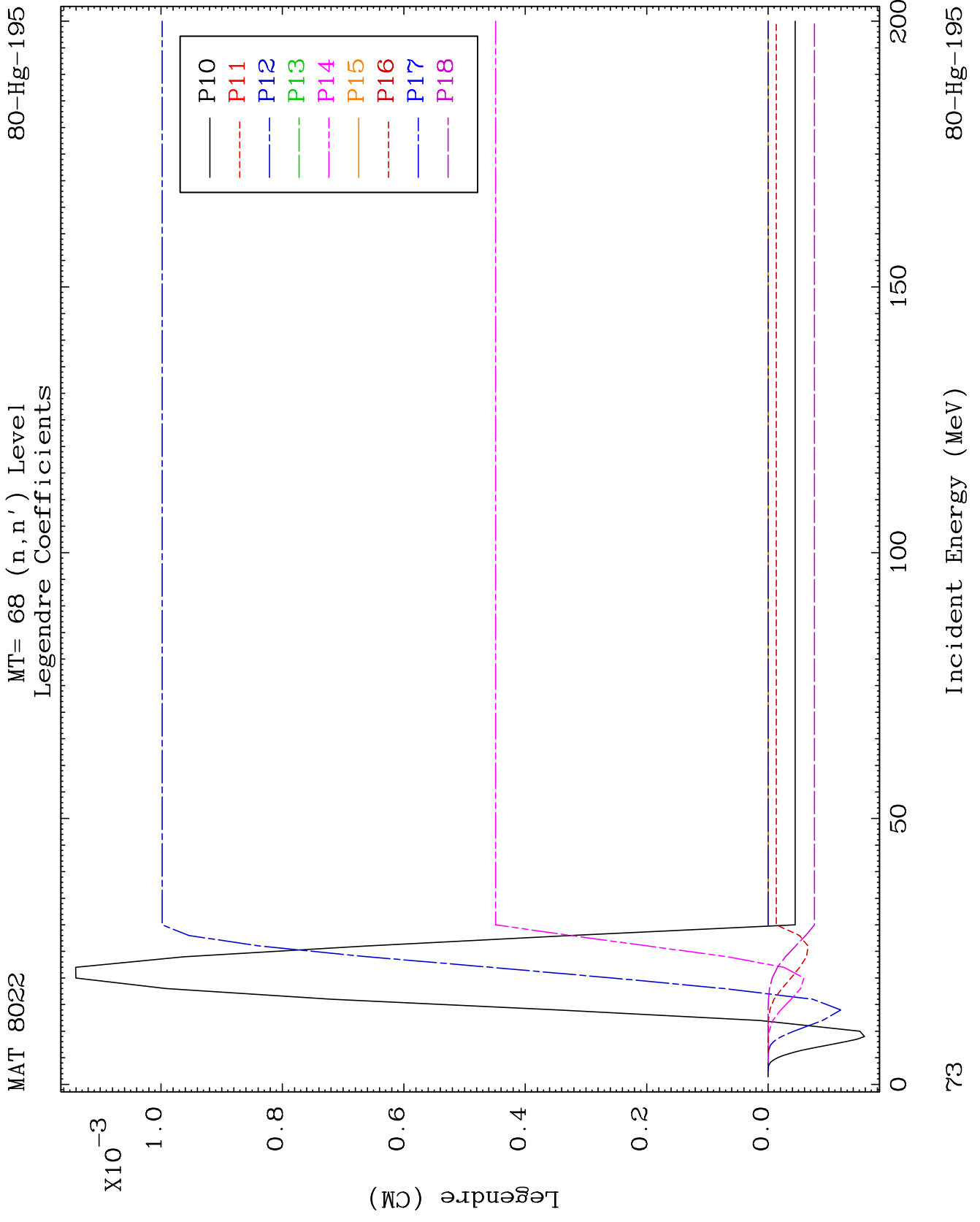
80-Hg-195

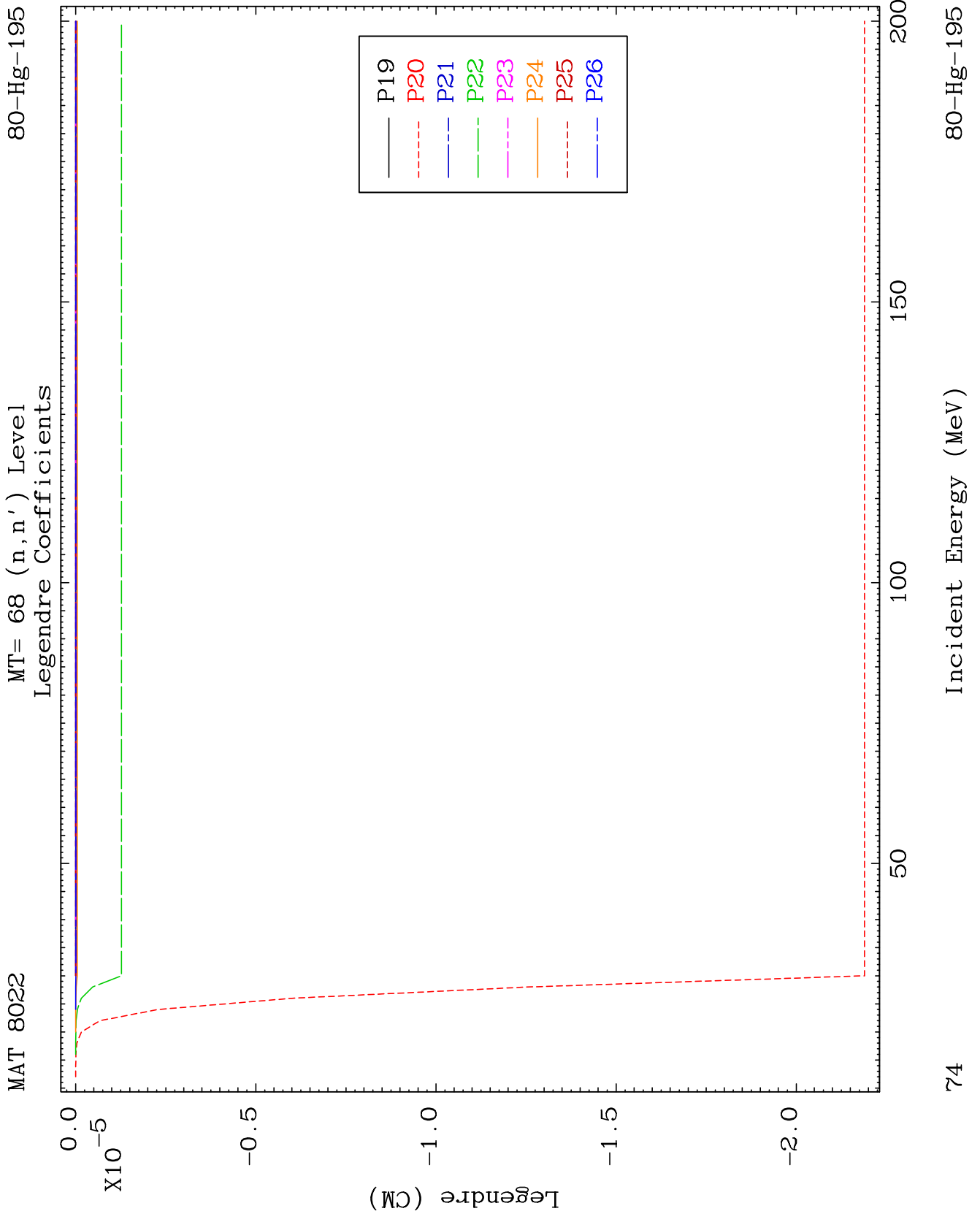


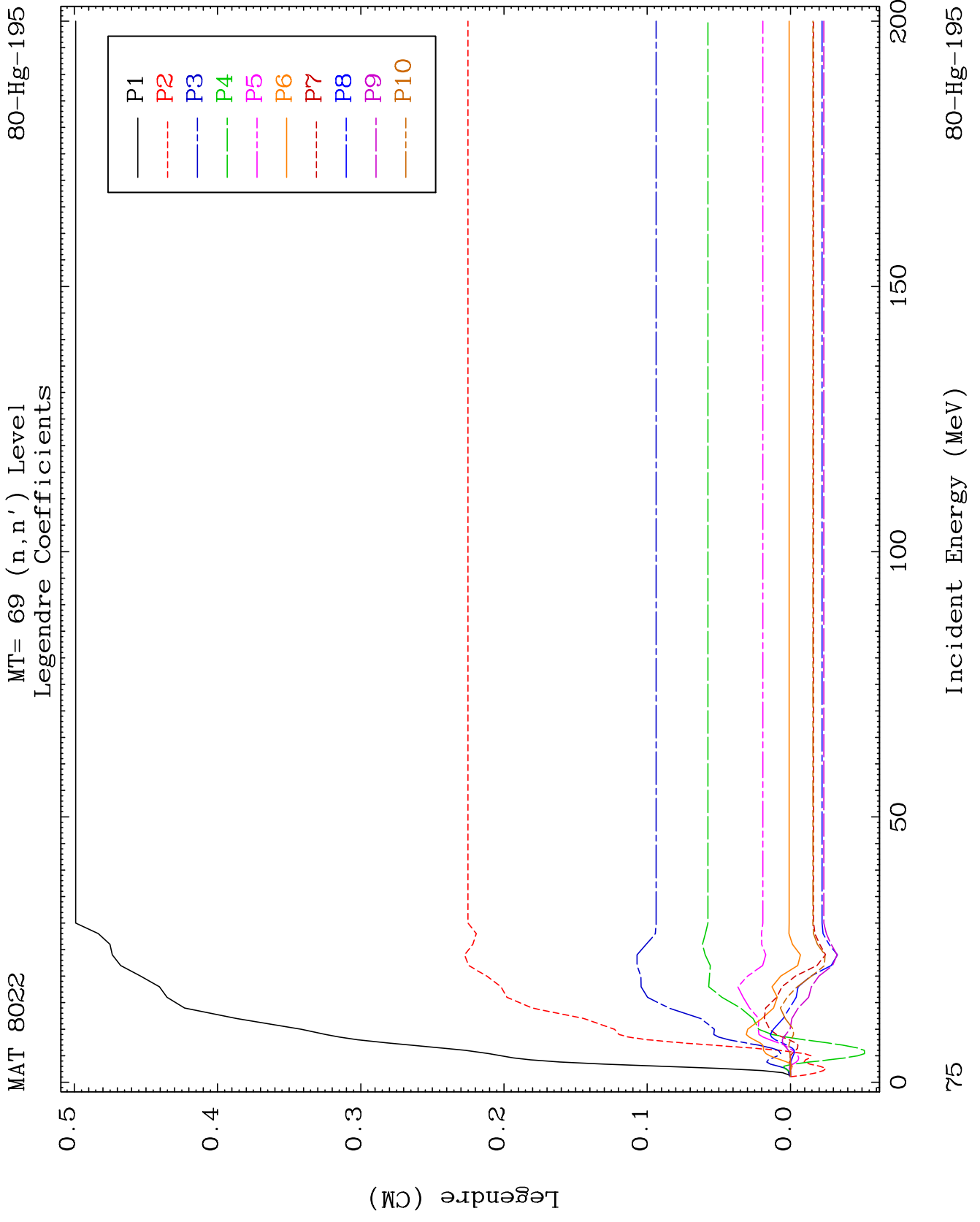








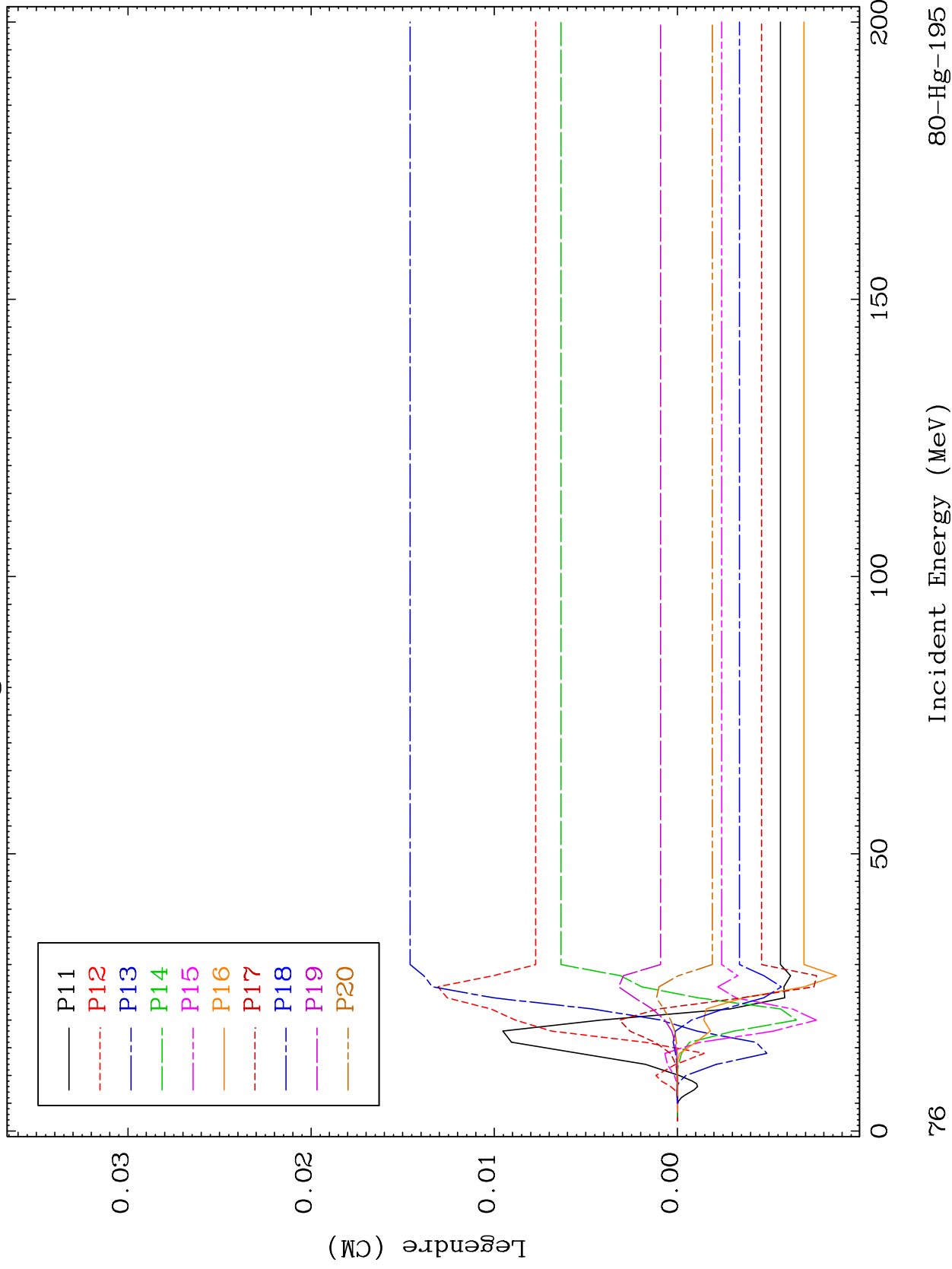




MAT 80222

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-195

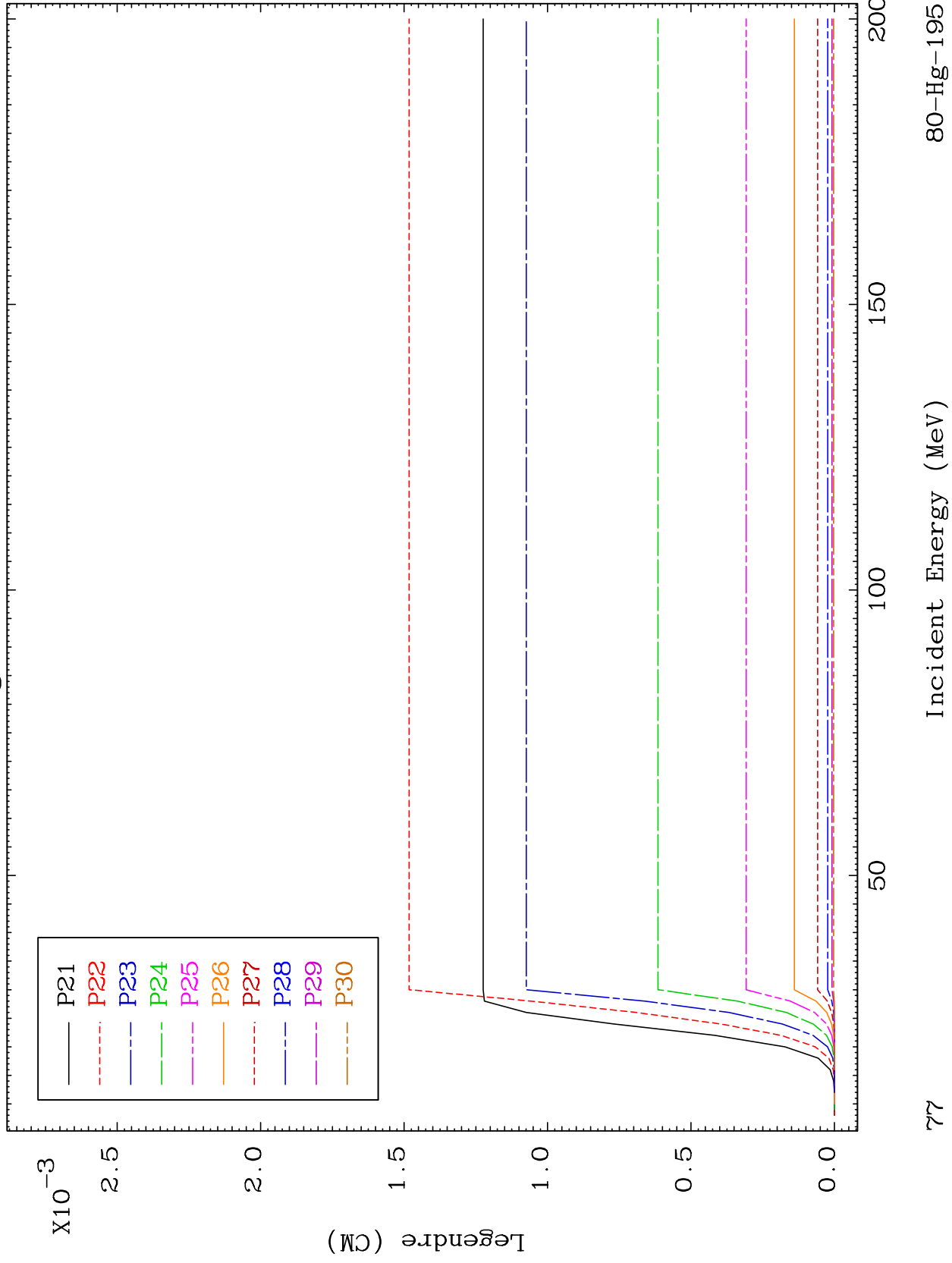


76

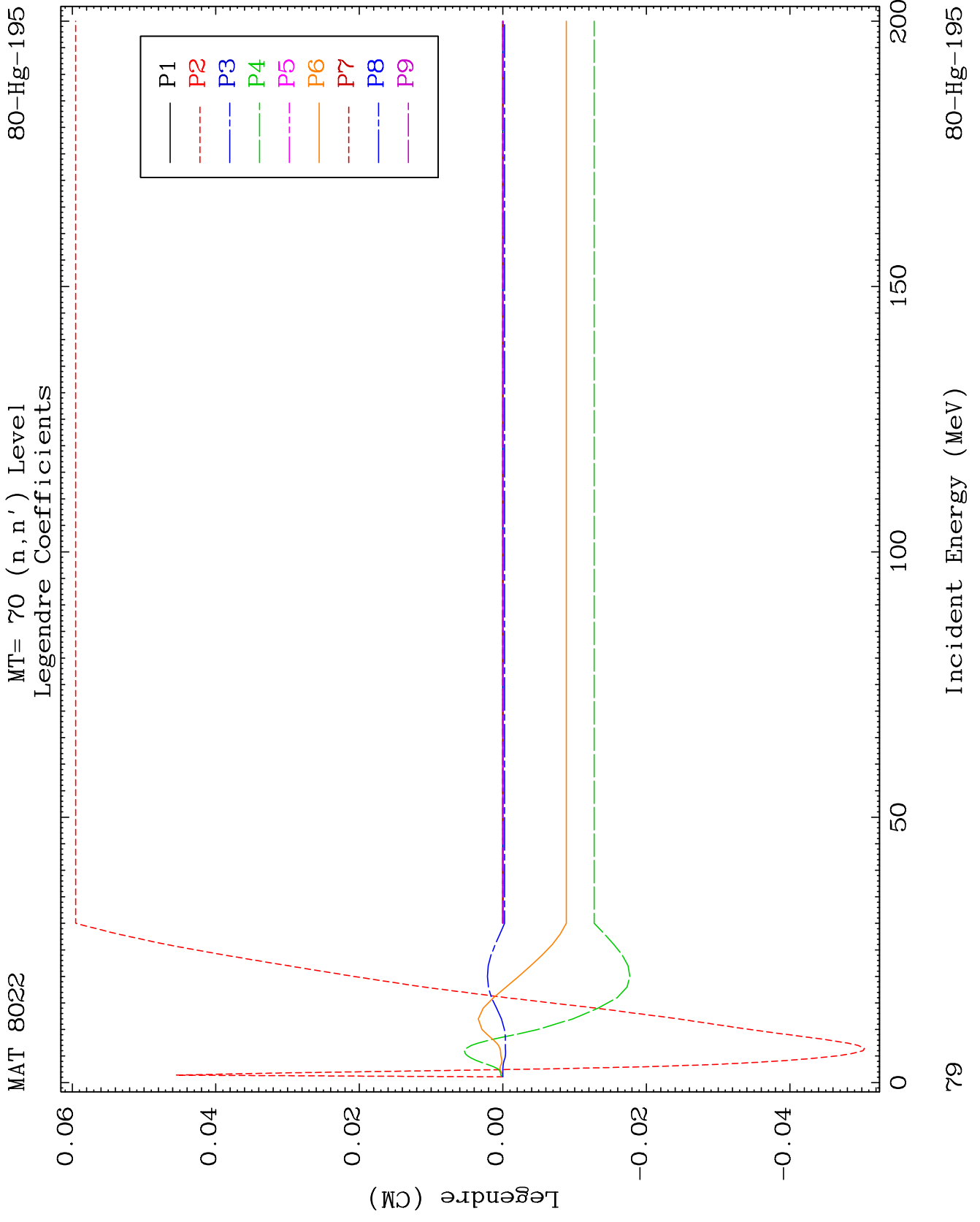
MAT 80222

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-195

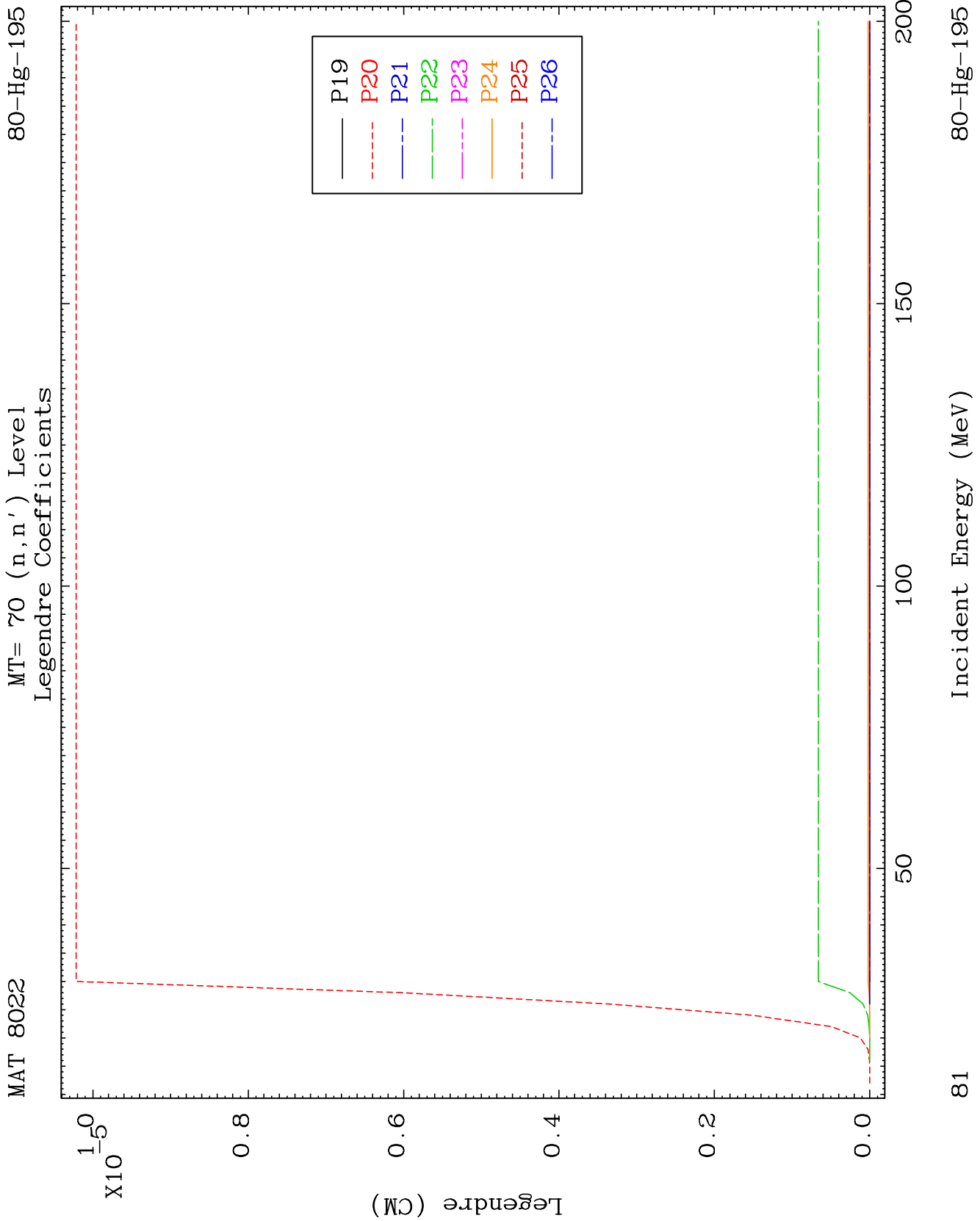


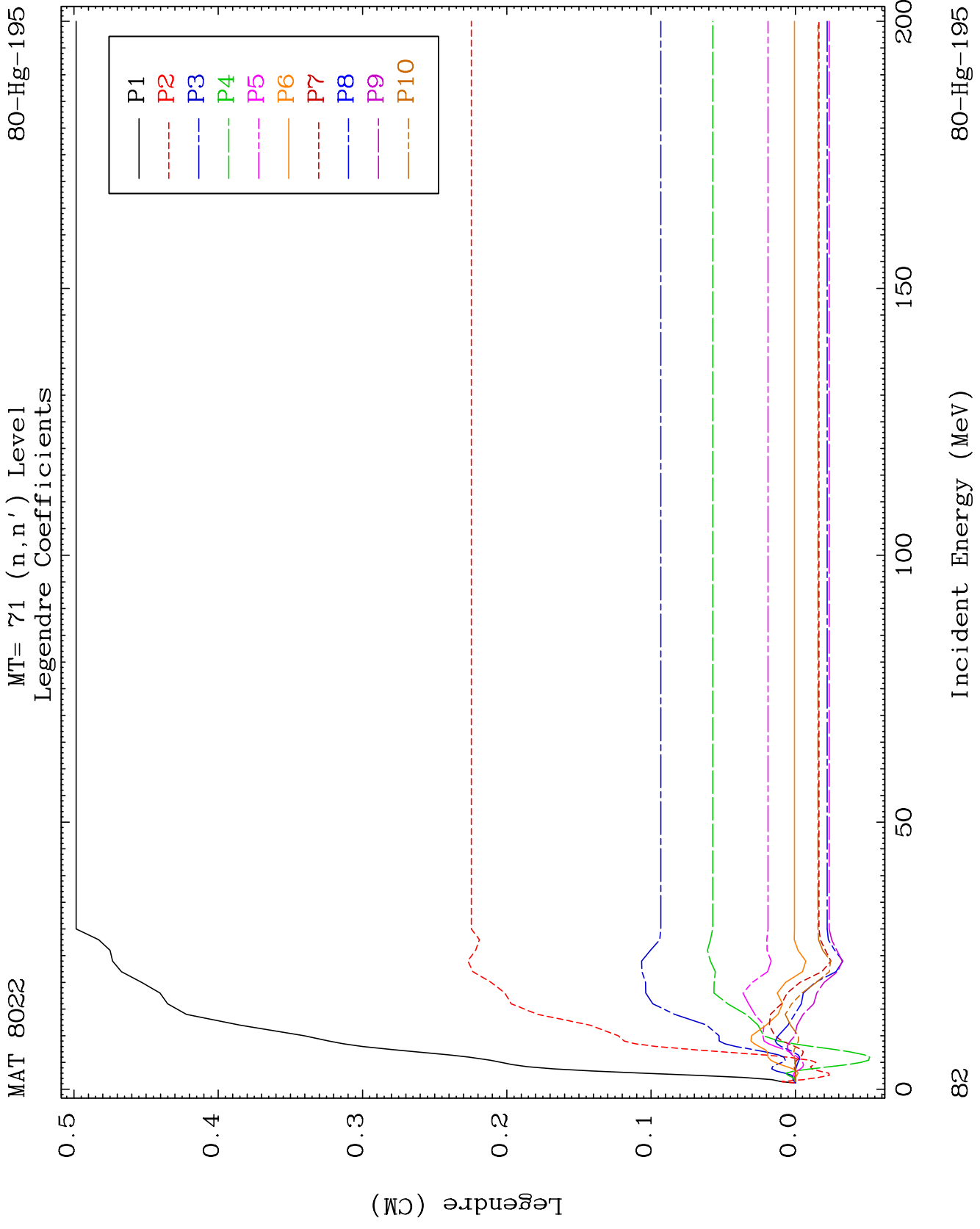








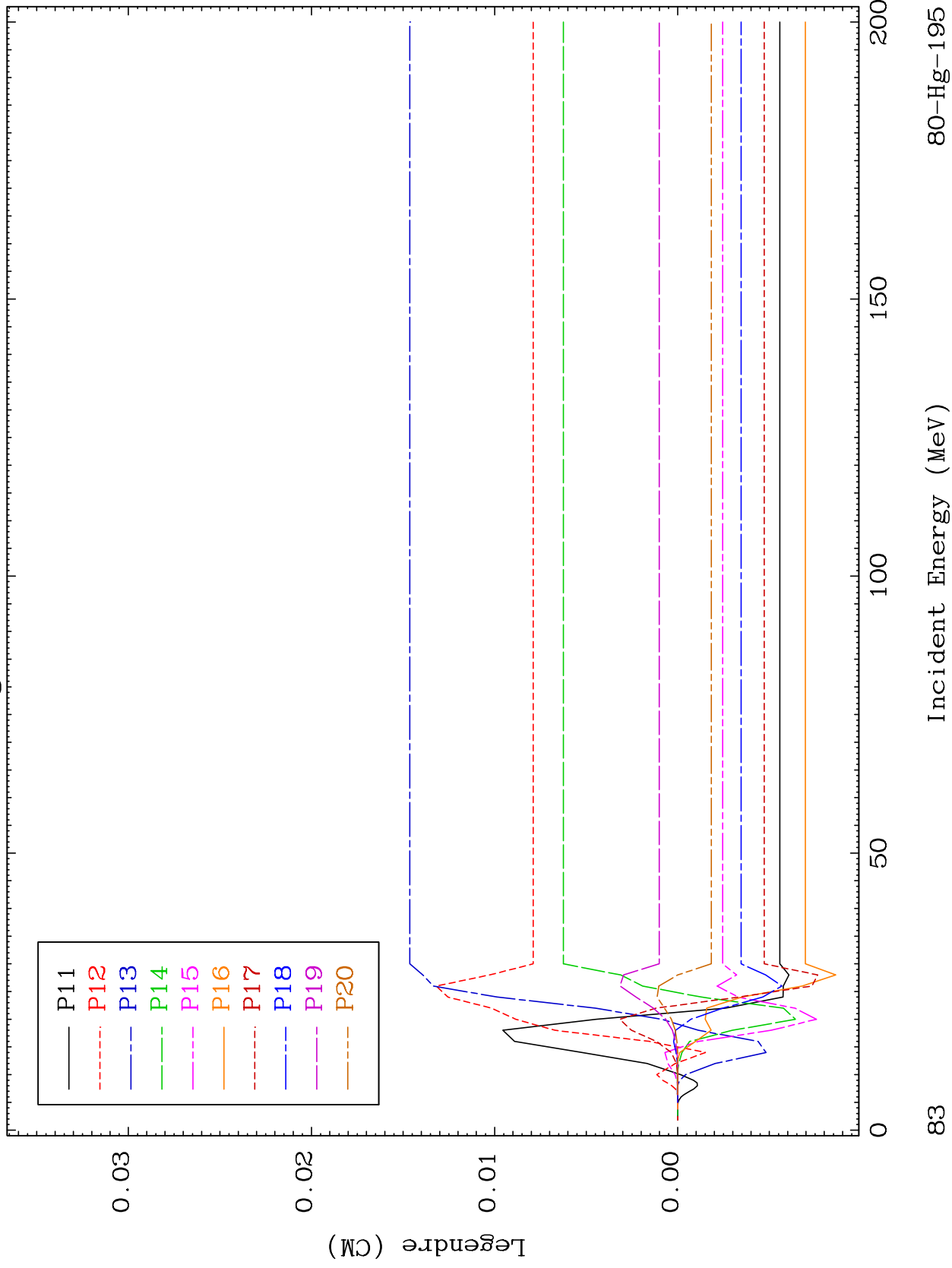




MAT 80222

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-195



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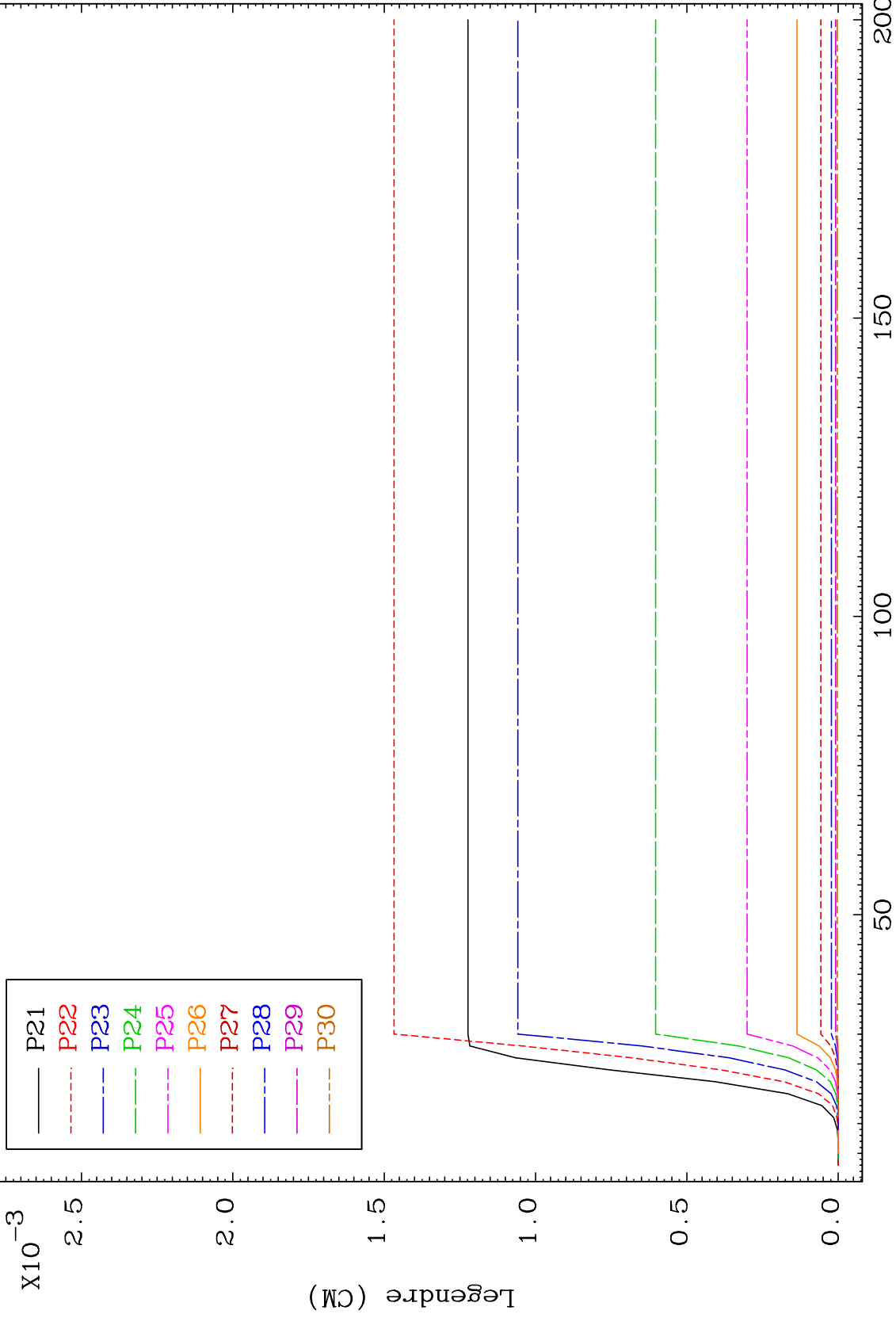
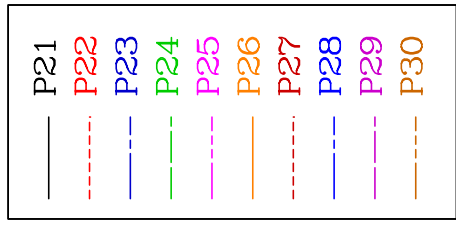
Incident Energy (MeV)

80-Hg-195

MAT 8022

MT= 71 (n,n') Level  
Legendre Coefficients

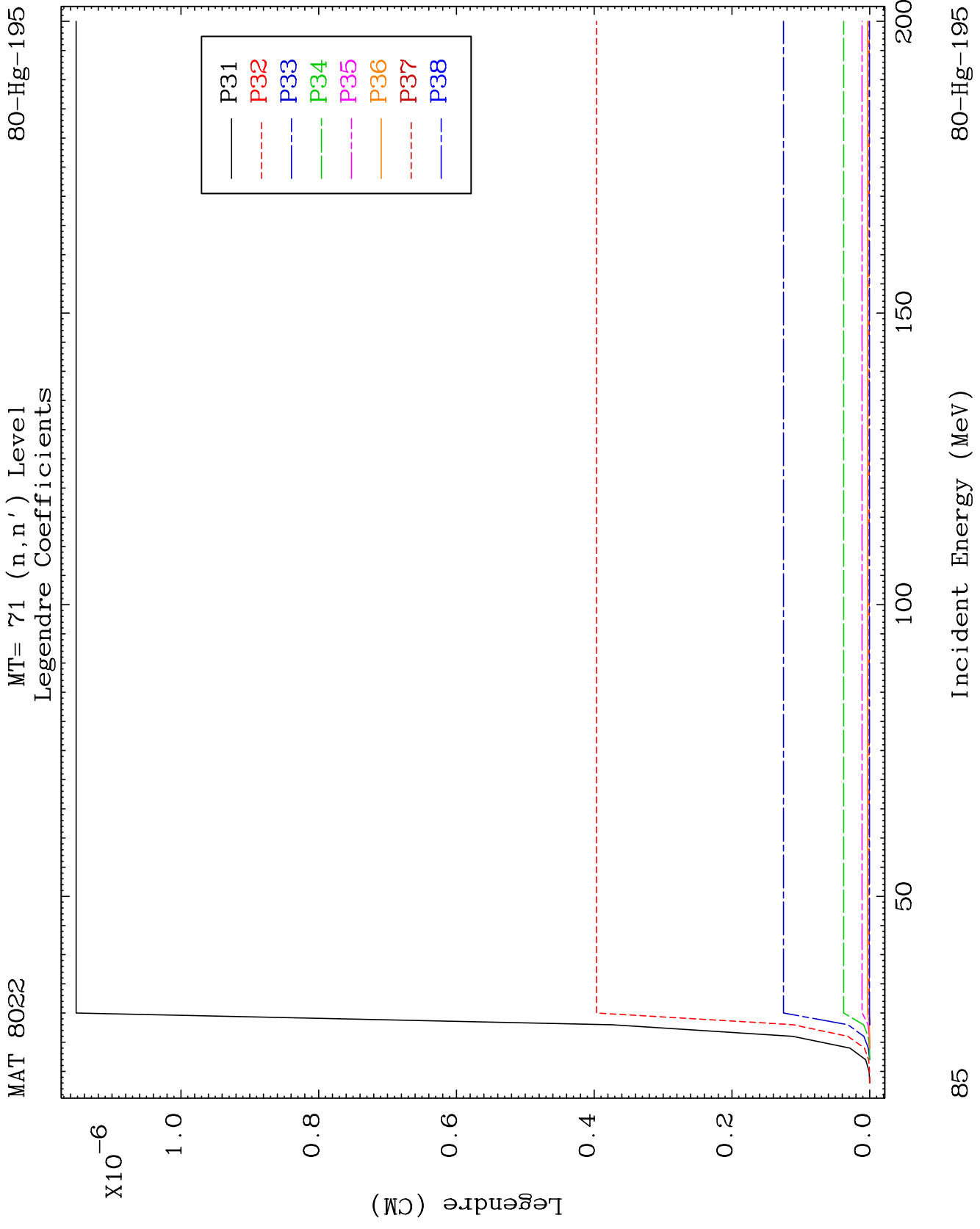
80-Hg-195



84

Incident Energy (MeV)

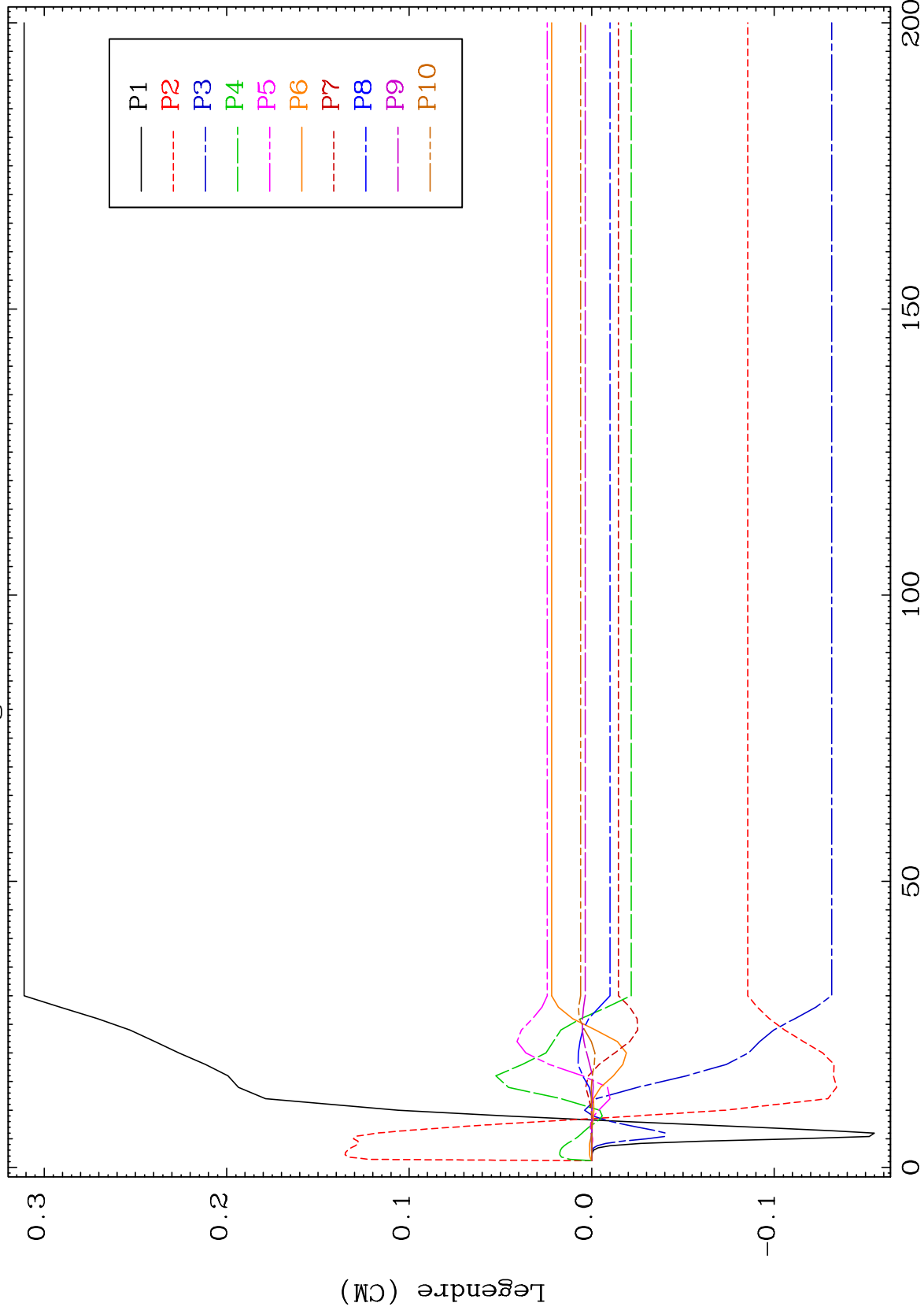
80-Hg-195



MAT 8022

80-Hg-195

MT= 72 (n,n') Level  
Legendre Coefficients



80-Hg-195

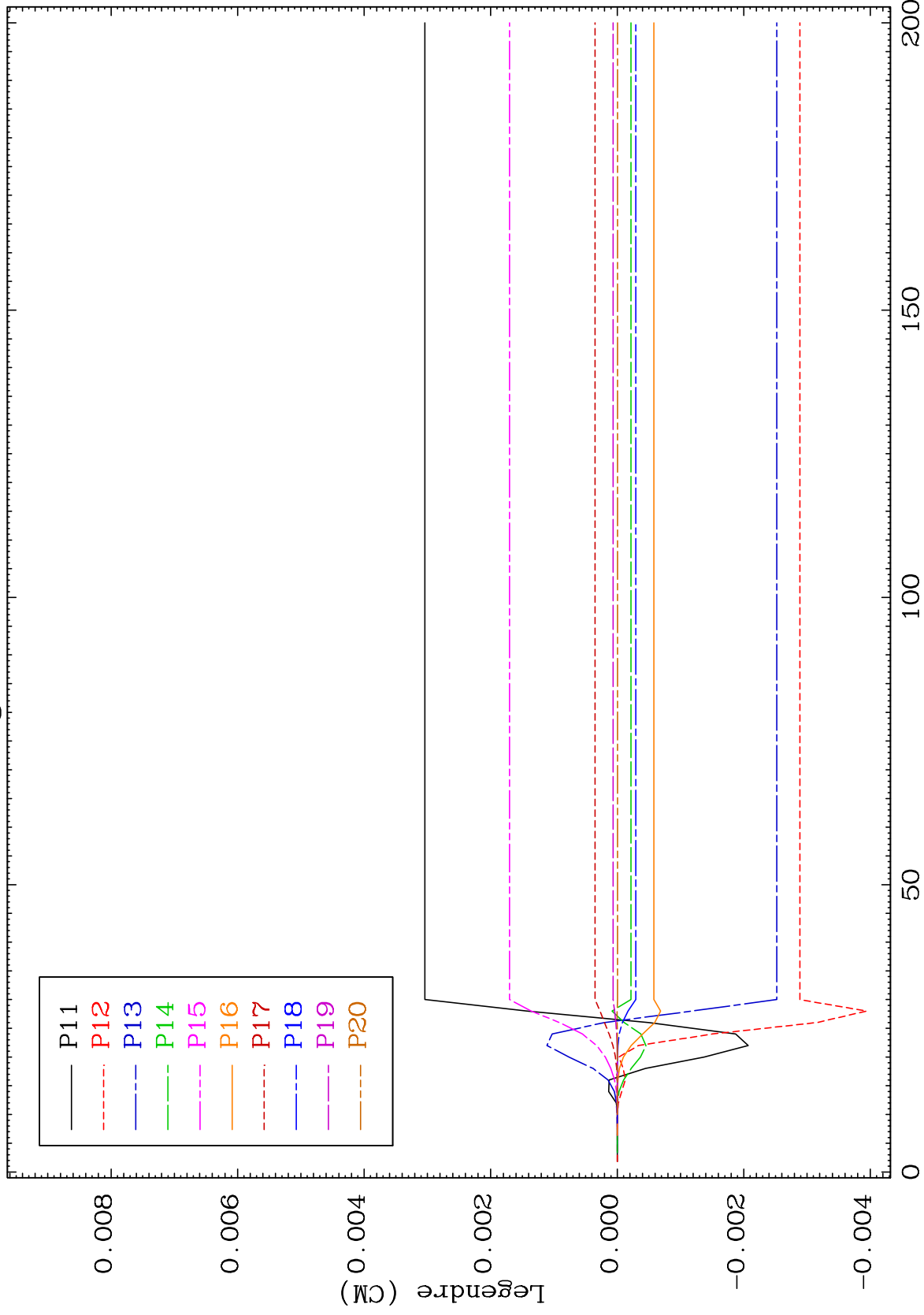
Incident Energy (MeV)

86

MAT 8022

MT= 72 (n,n') Level  
Legendre Coefficients

80-Hg-195



87

Incident Energy (MeV)

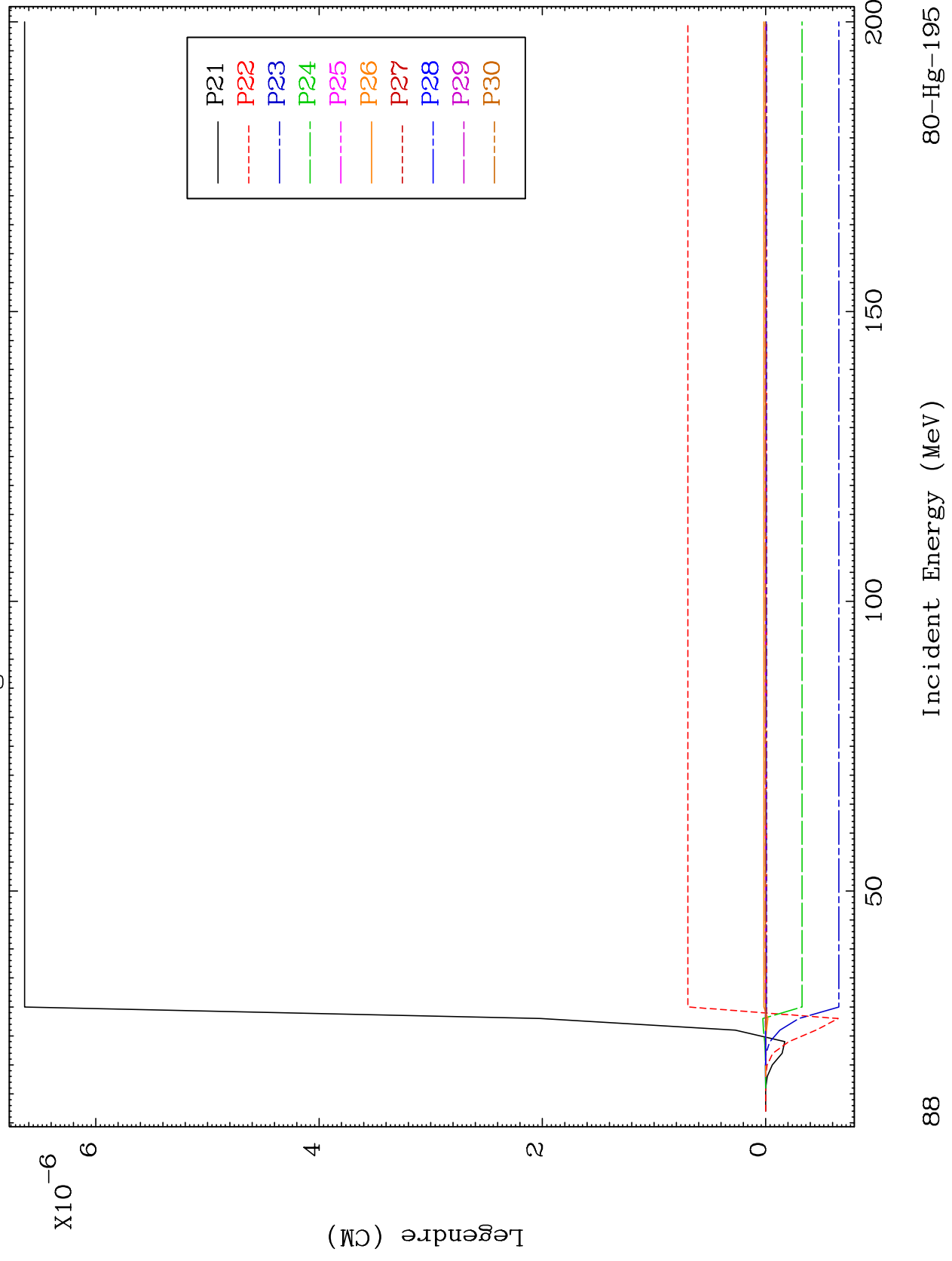
80-Hg-195



MAT 8022

MT= 72 (n,n') Level  
Legendre Coefficients

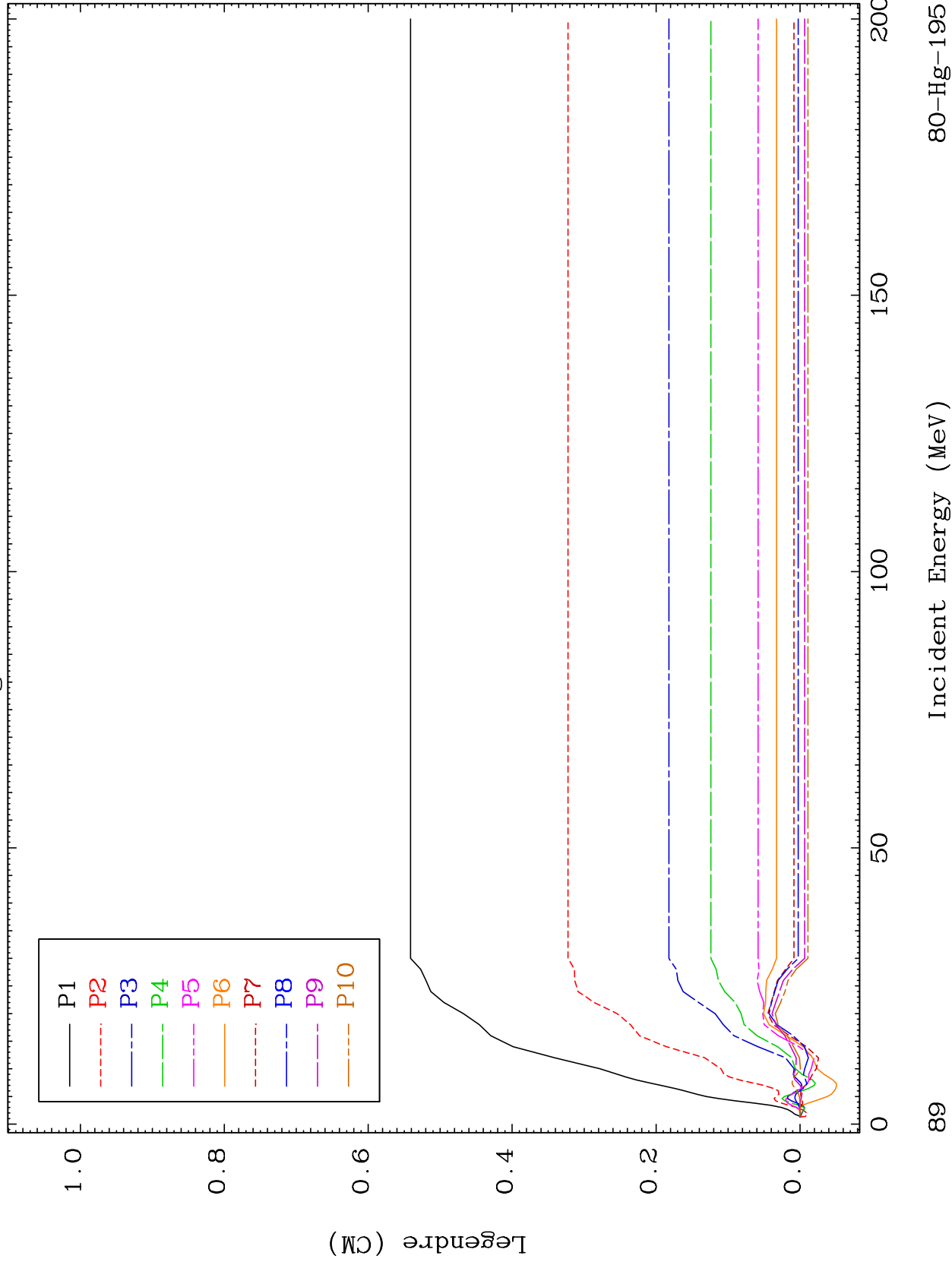
80-Hg-195



MAT 80222

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-195

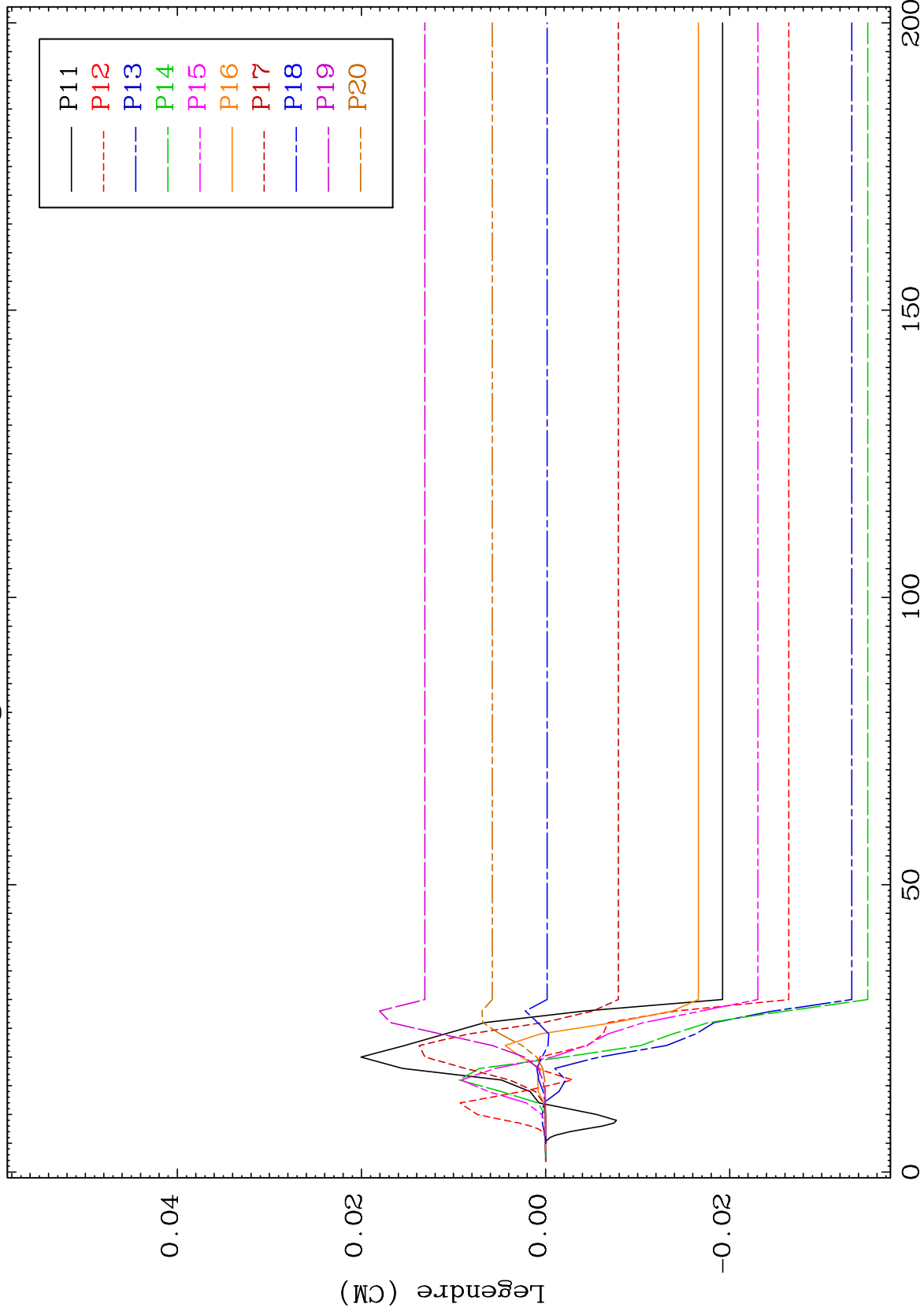


89

MAT 8022

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-195



90

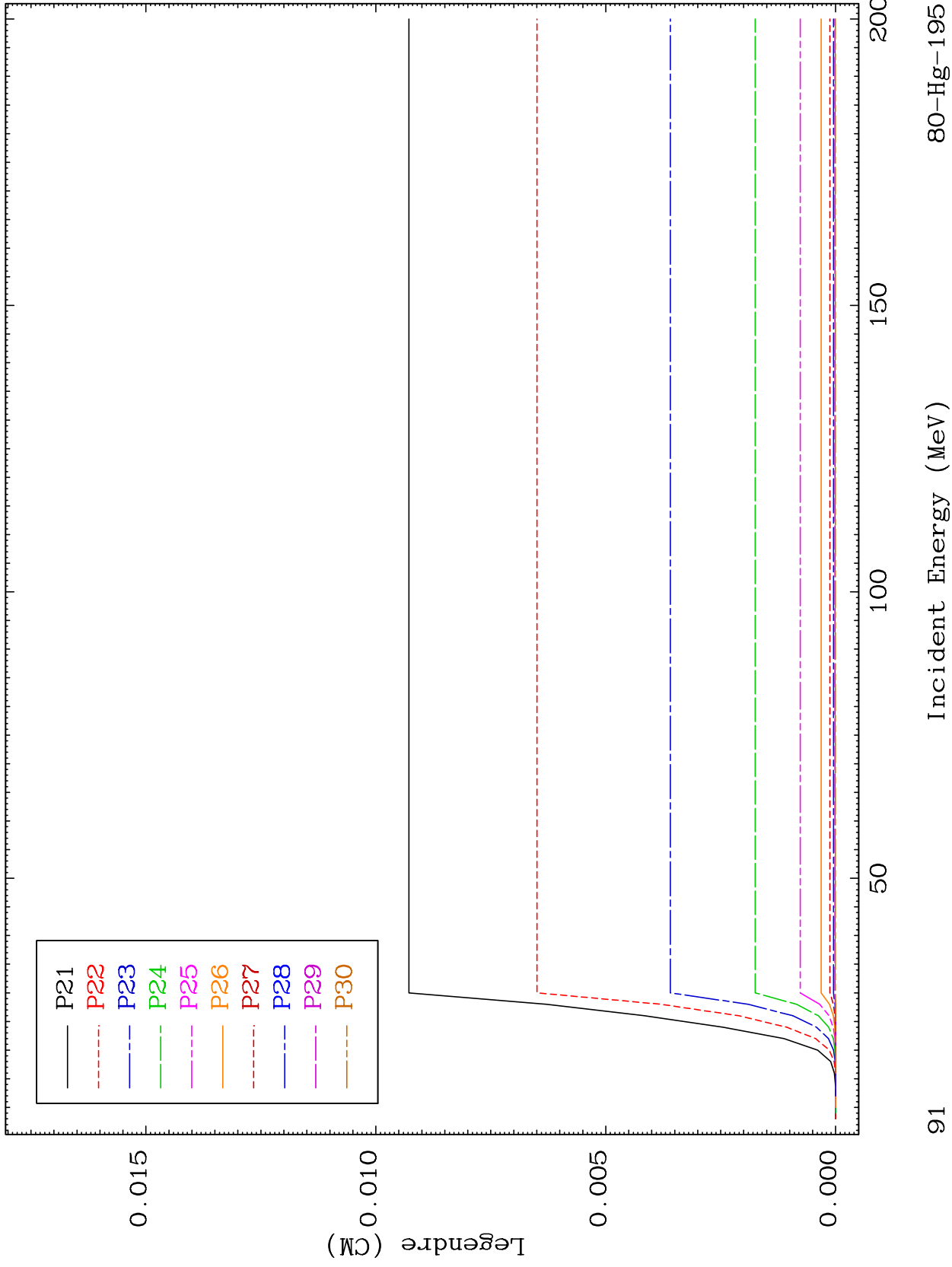
Incident Energy (MeV)

80-Hg-195

MAT 80222

MT= 73 (n,n') Level  
Legendre Coefficients

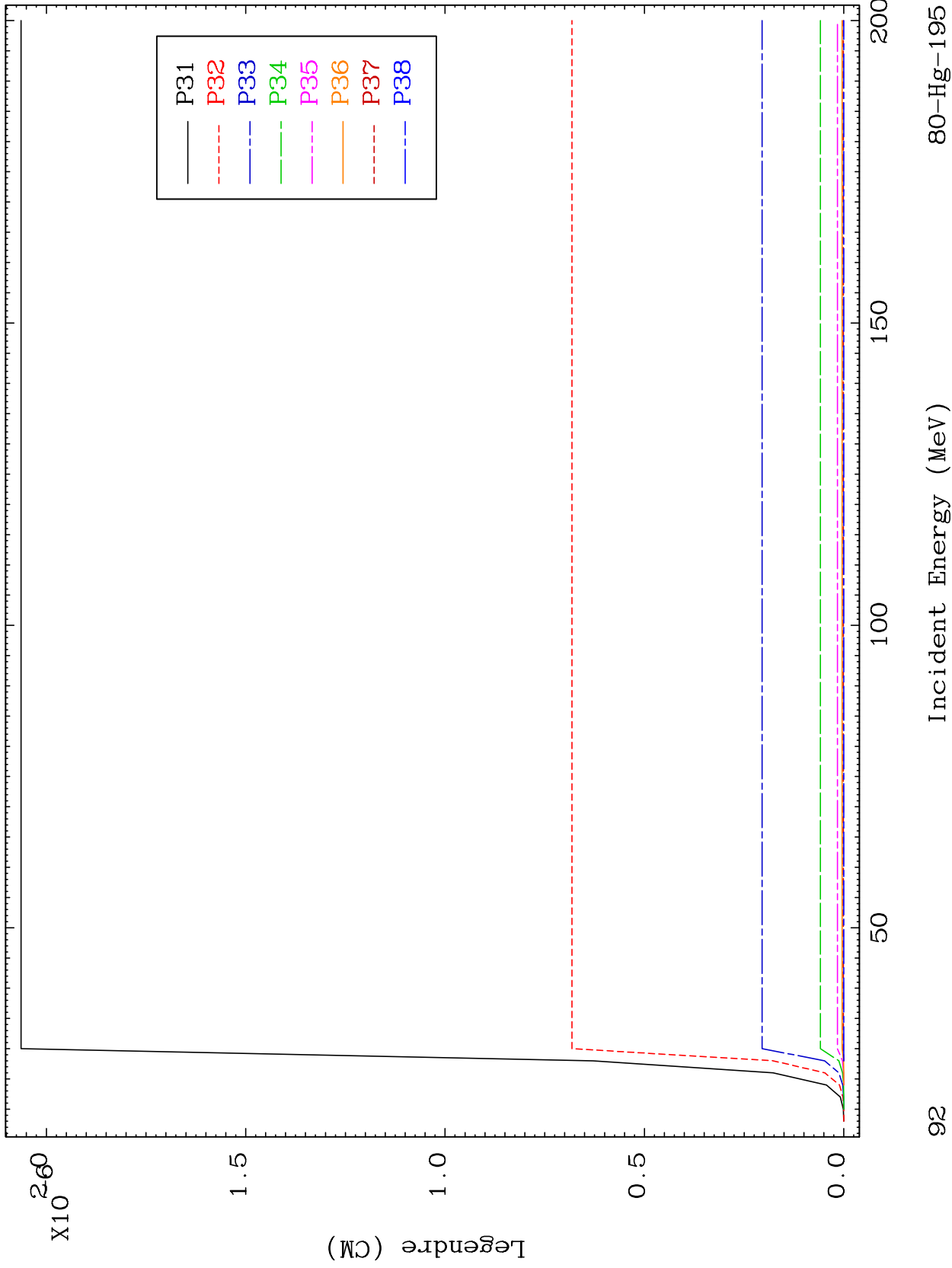
80-Hg-195



MAT 8022

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-195



92

Incident Energy (MeV)

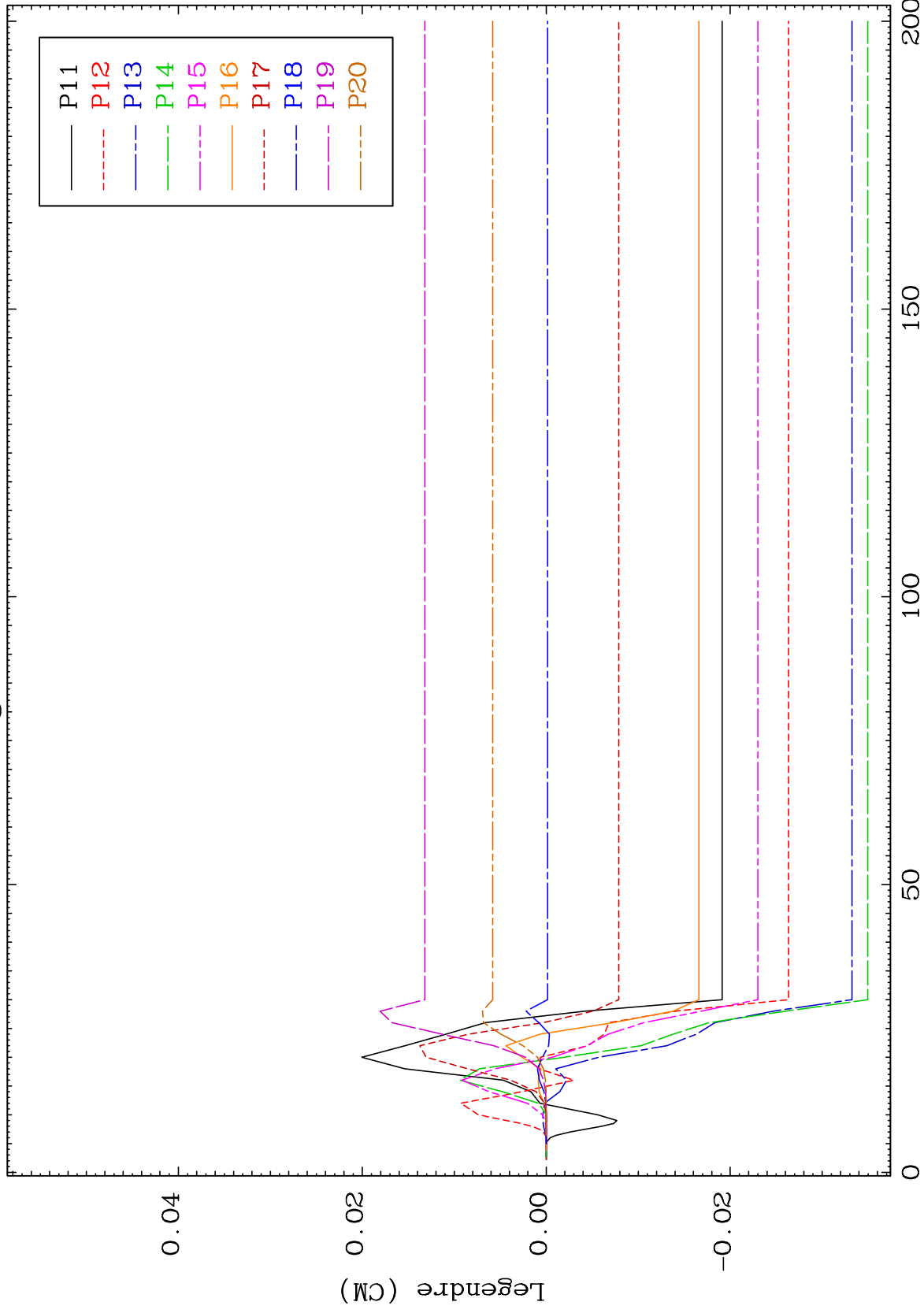
80-Hg-195



MAT 8022

MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-195



94

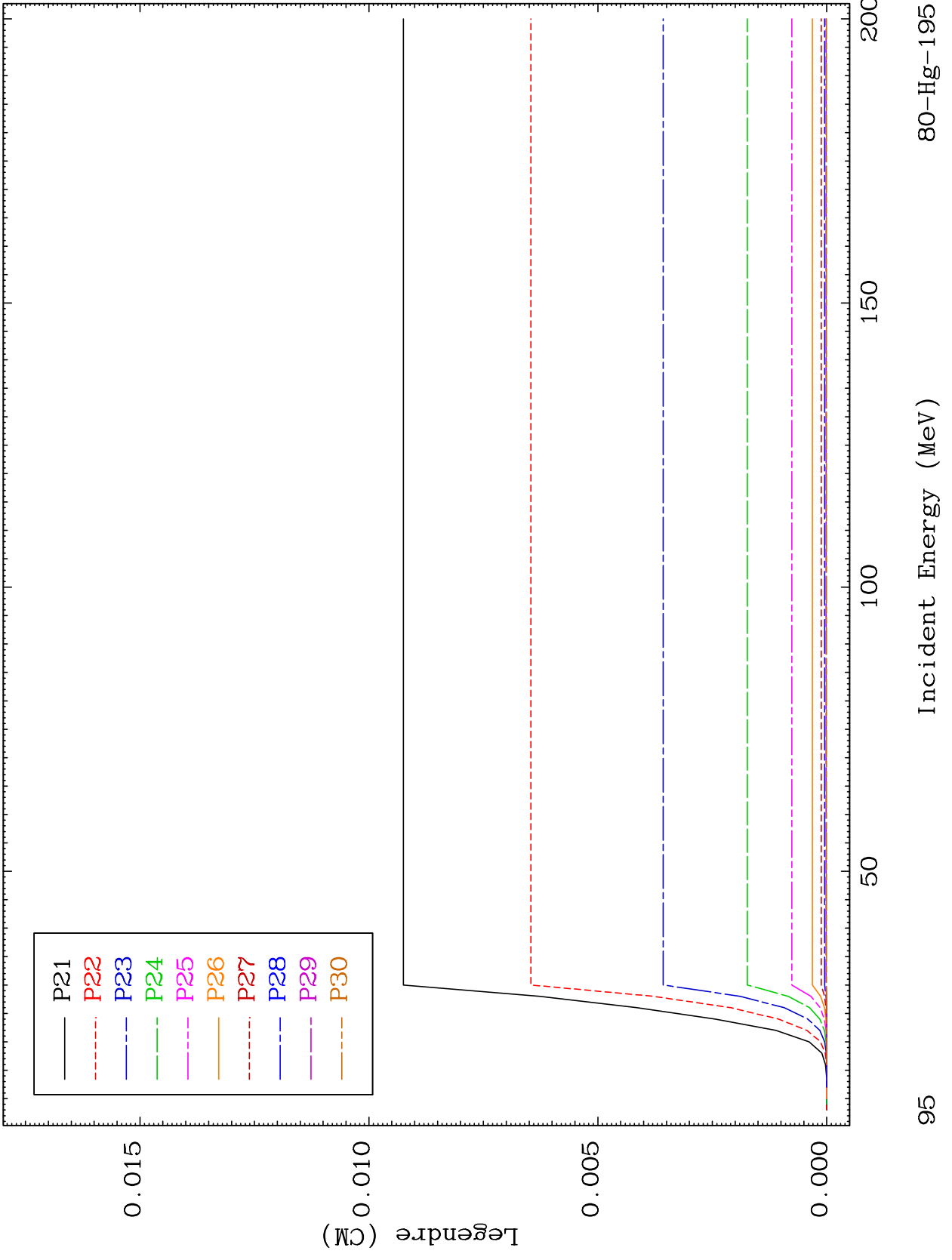
Incident Energy (MeV)

80-Hg-195

MAT 8022

MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-195



95

Incident Energy (MeV)

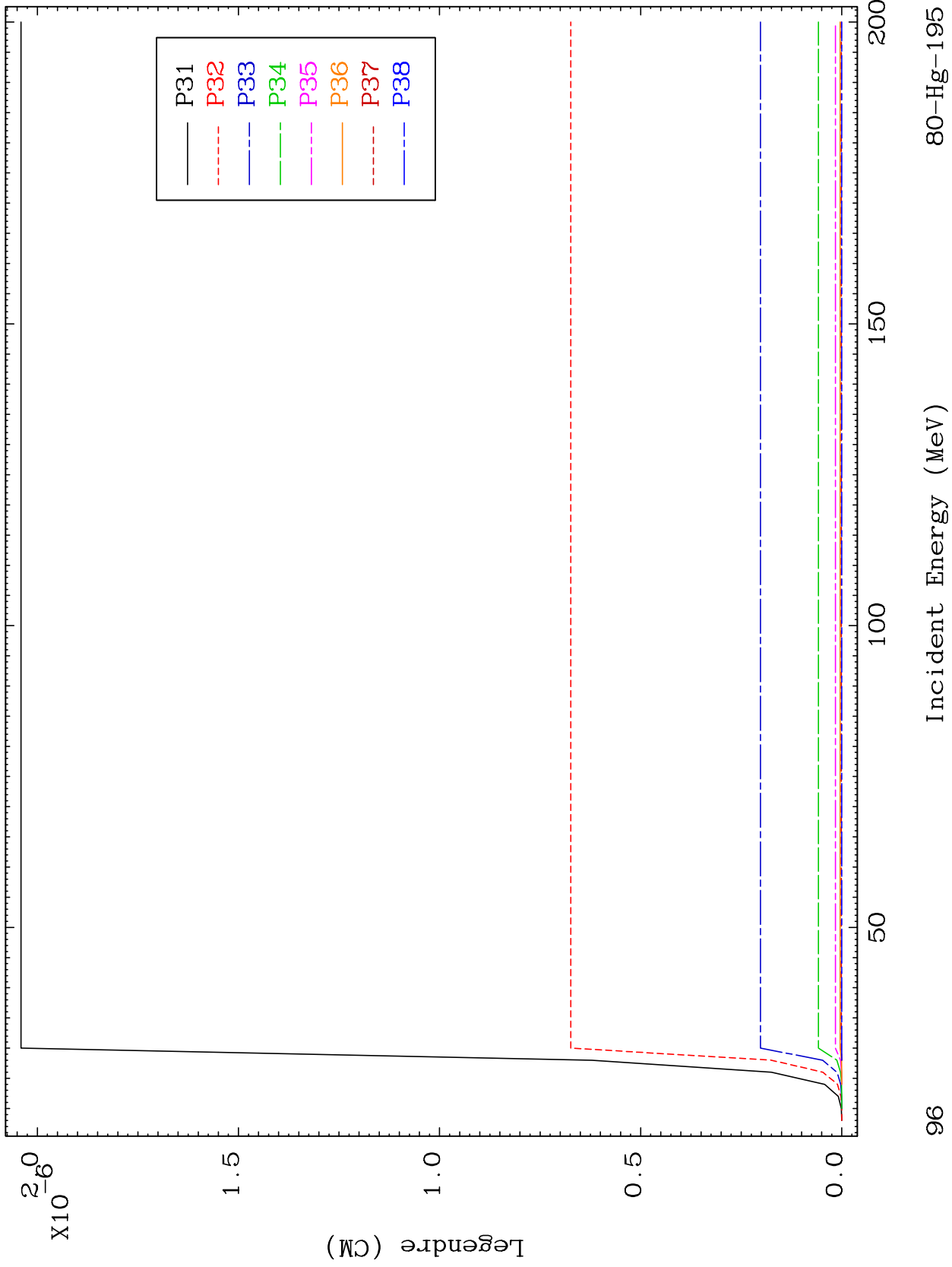
80-Hg-195



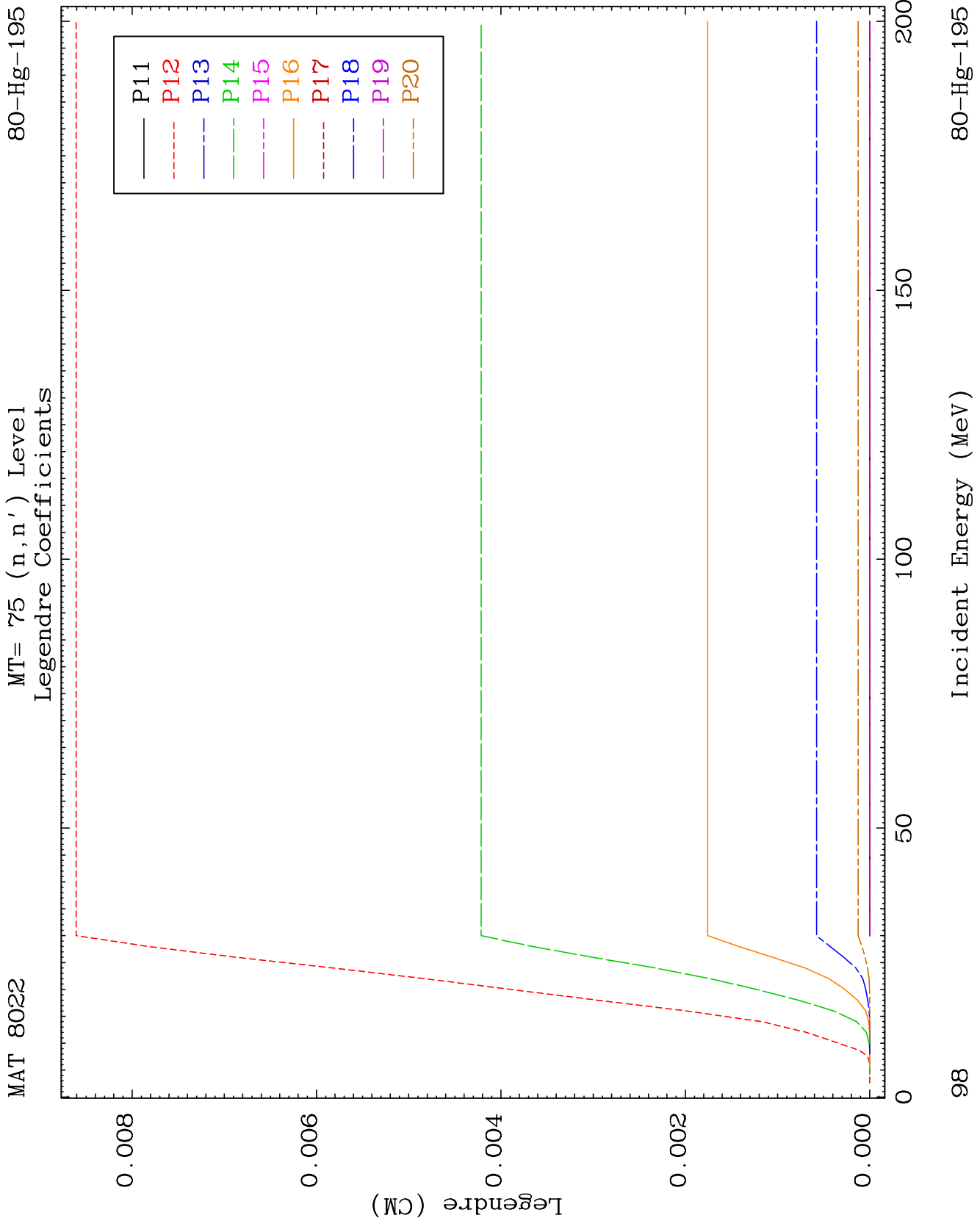
MAT 8022

80-Hg-195

MT= 74 (n,n') Level  
Legendre Coefficients

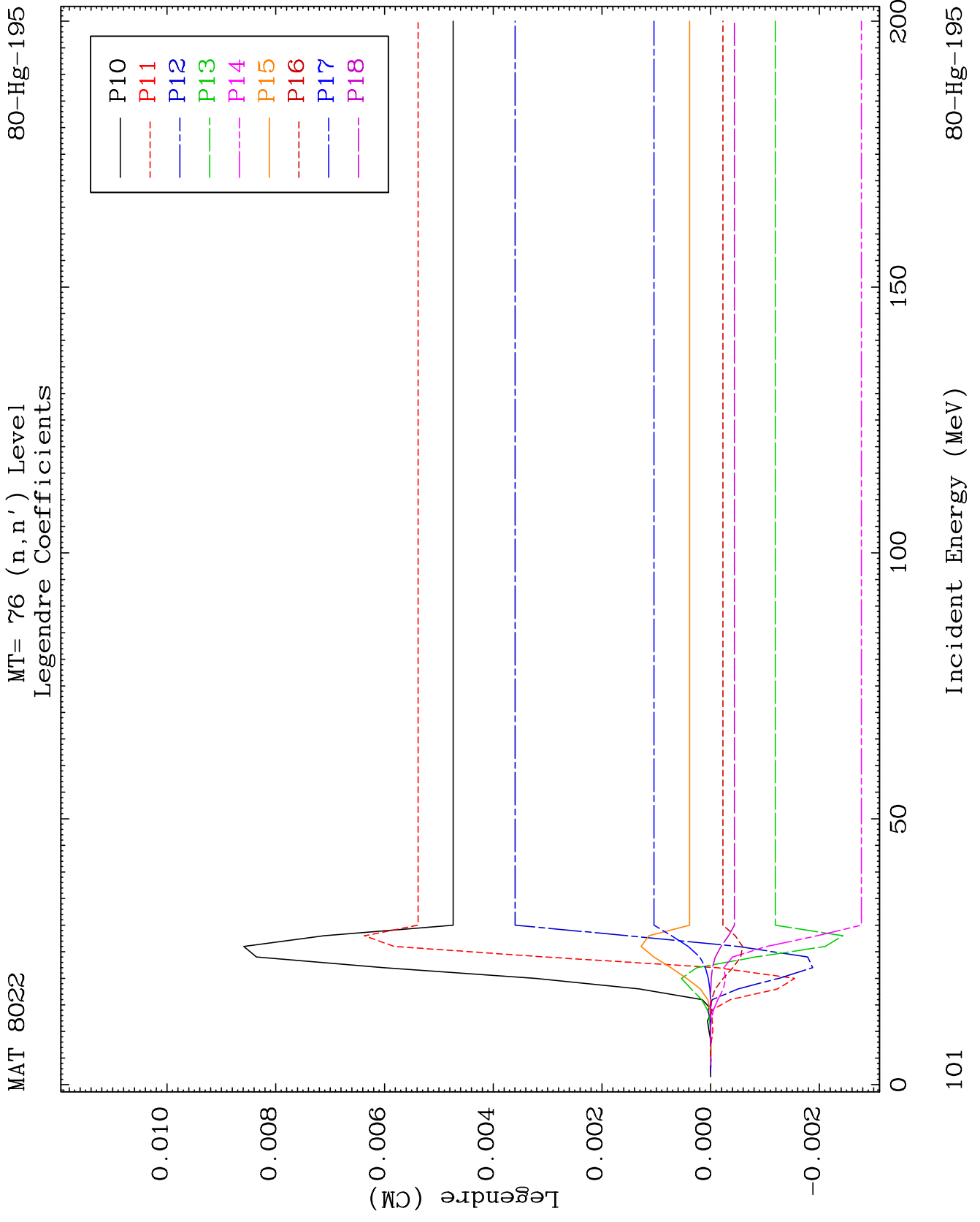








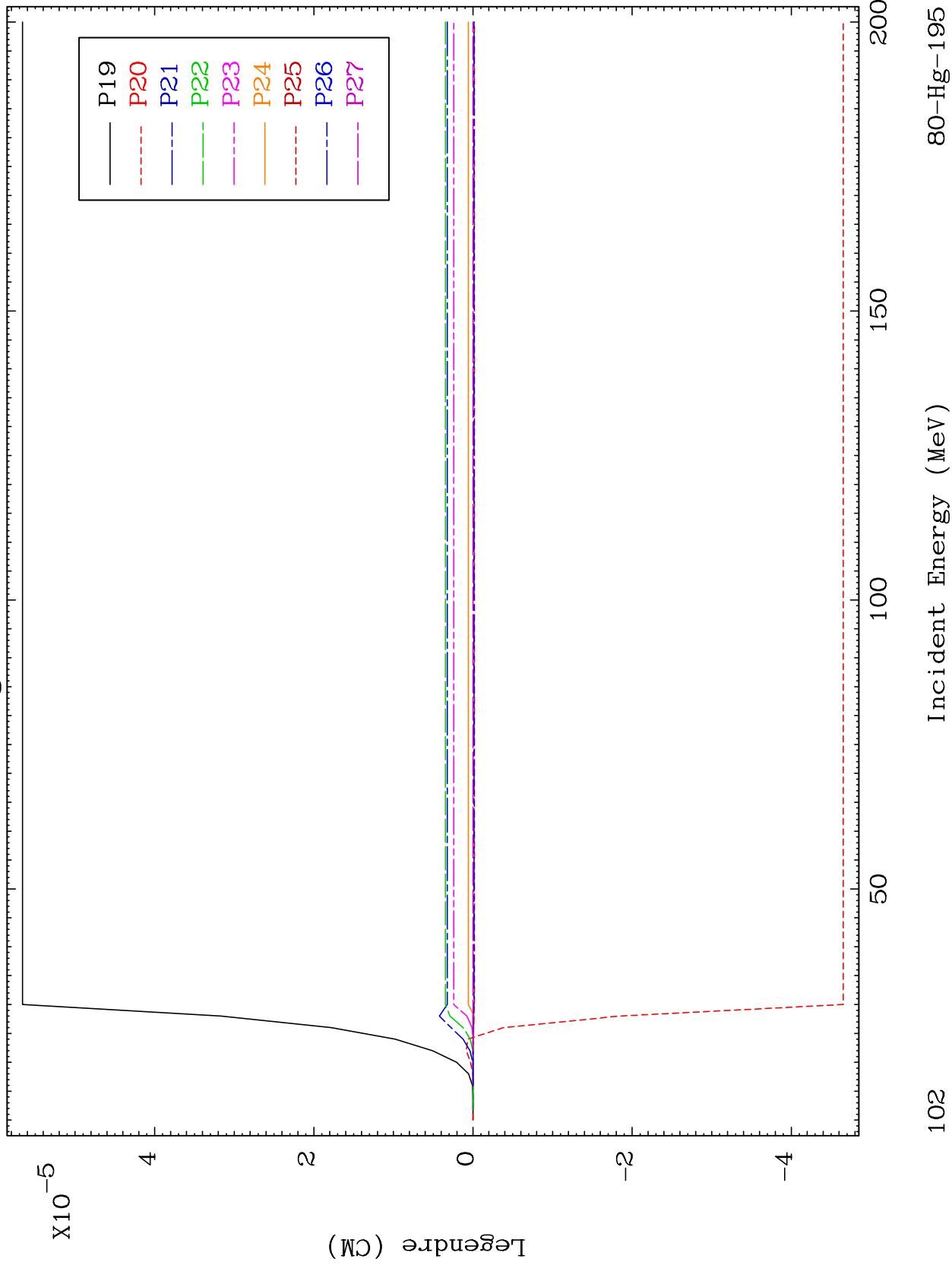


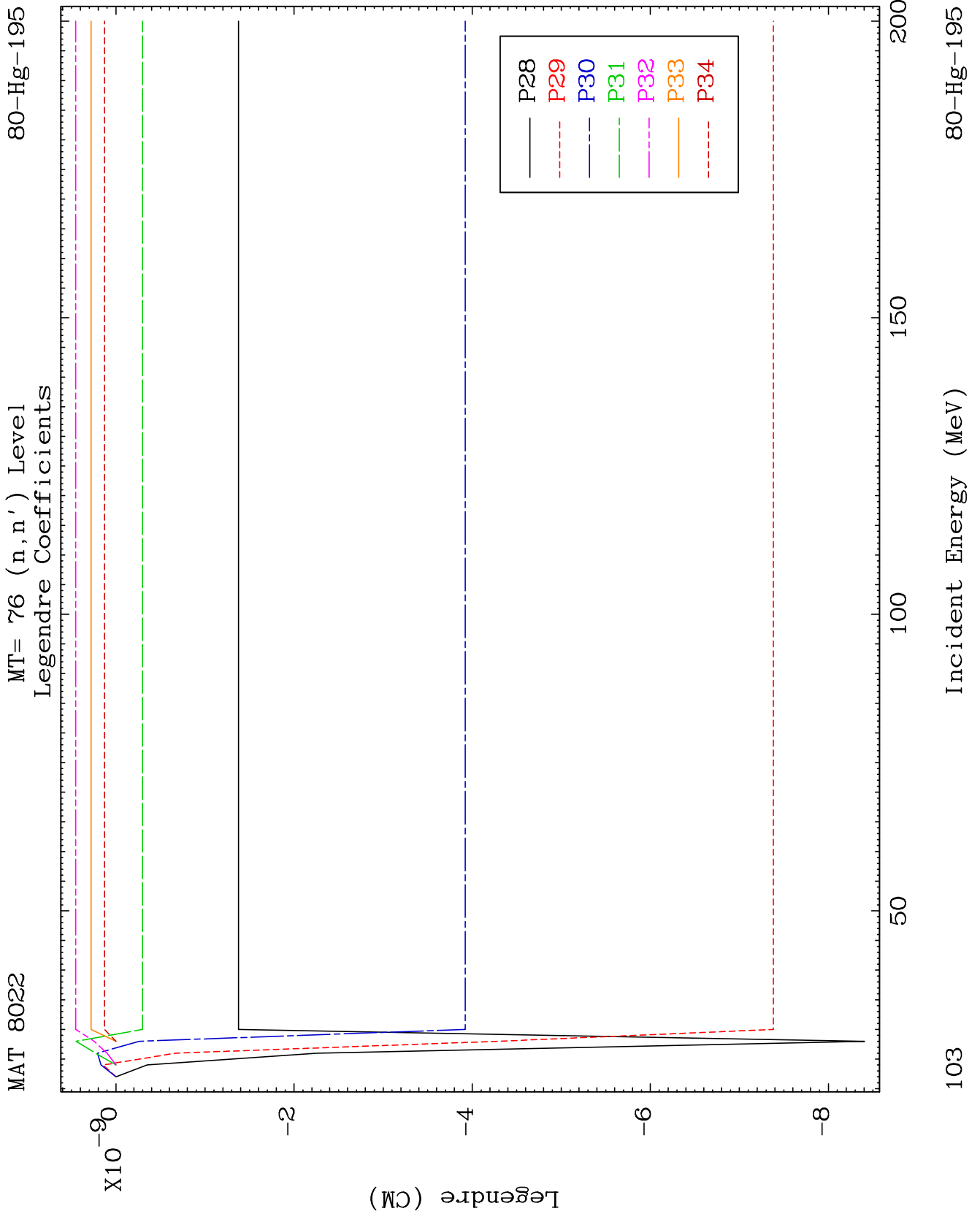


MAT 8022

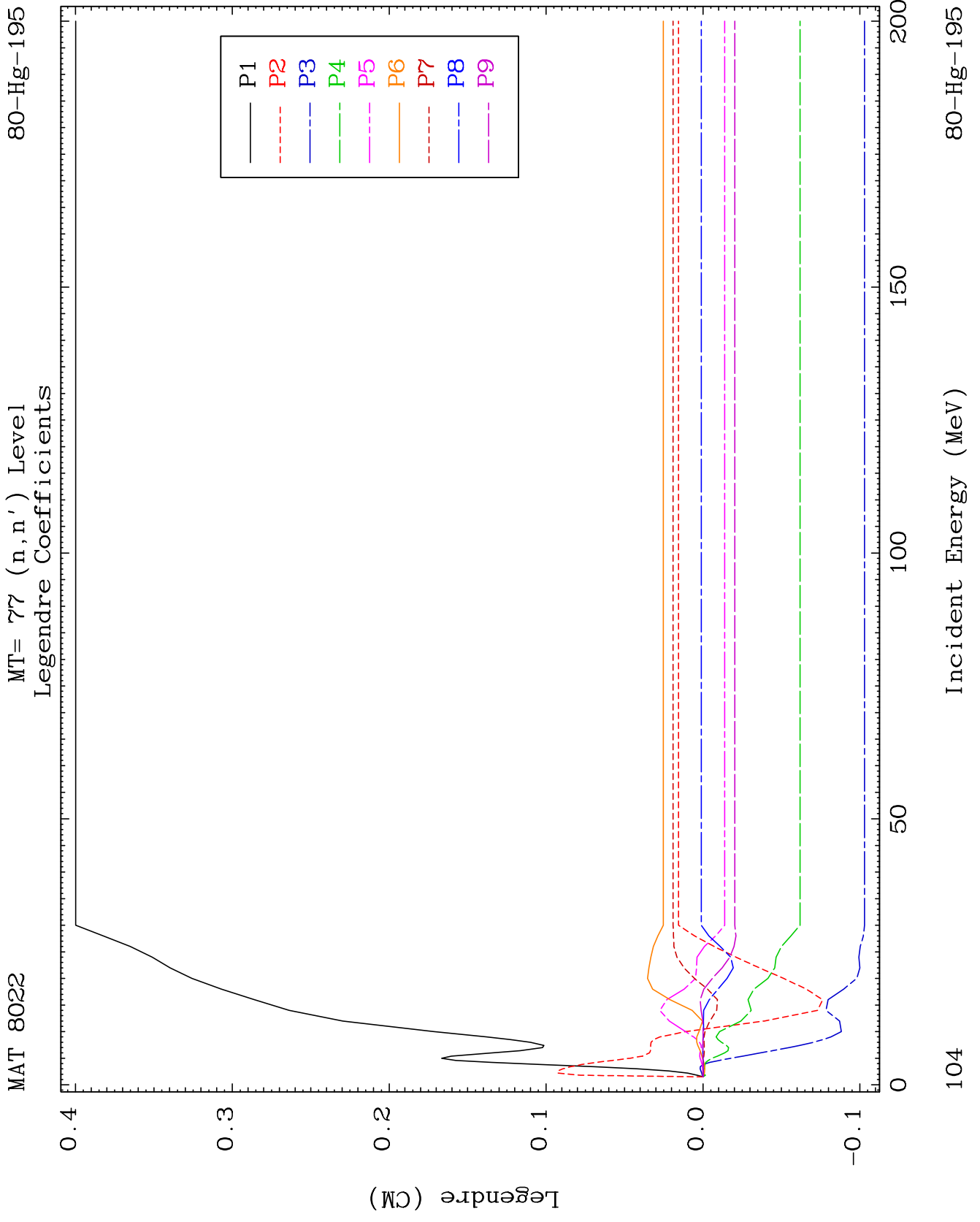
MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-195







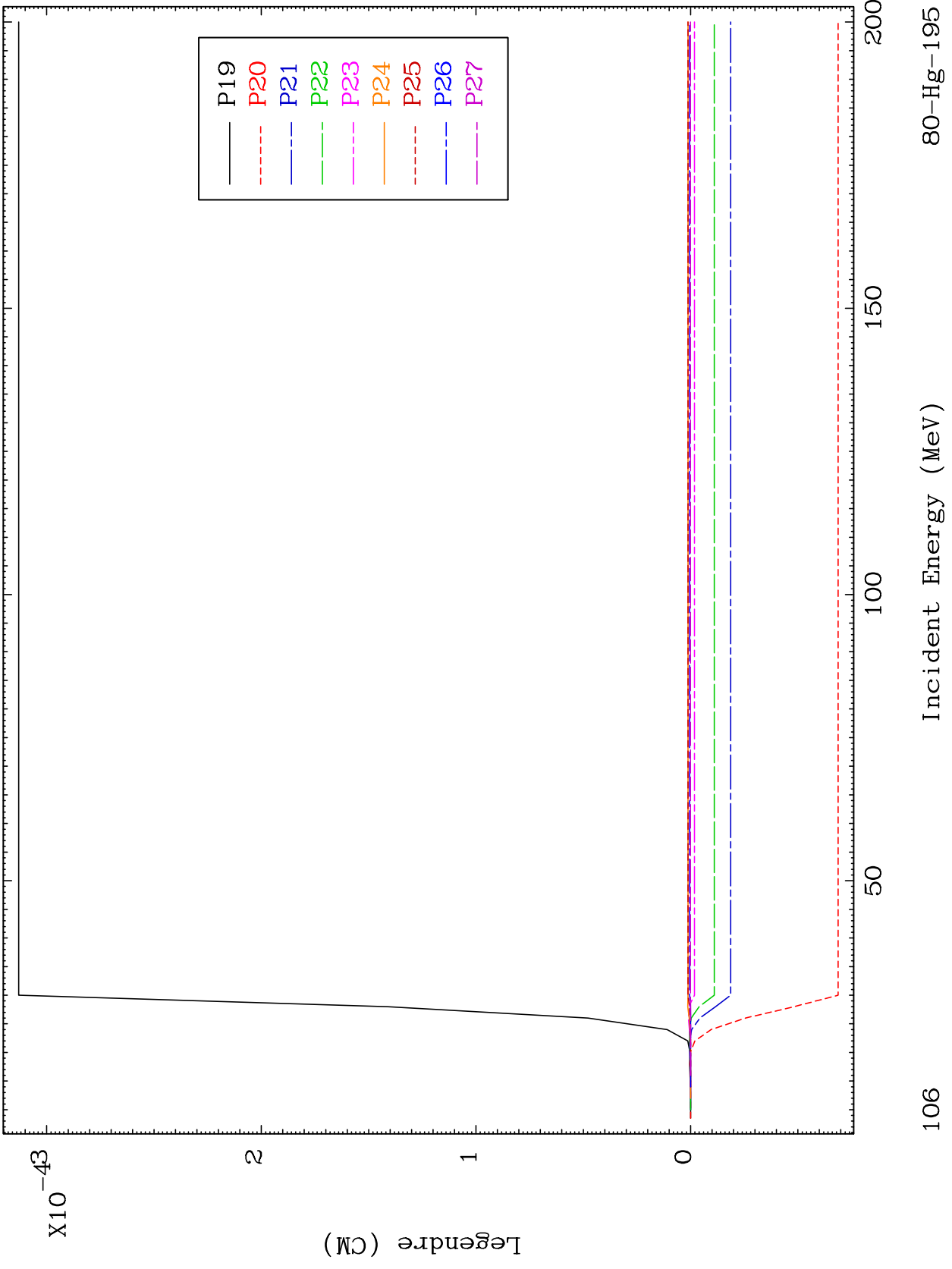




MAT 8022

MT= 77 (n,n') Level  
Legendre Coefficients

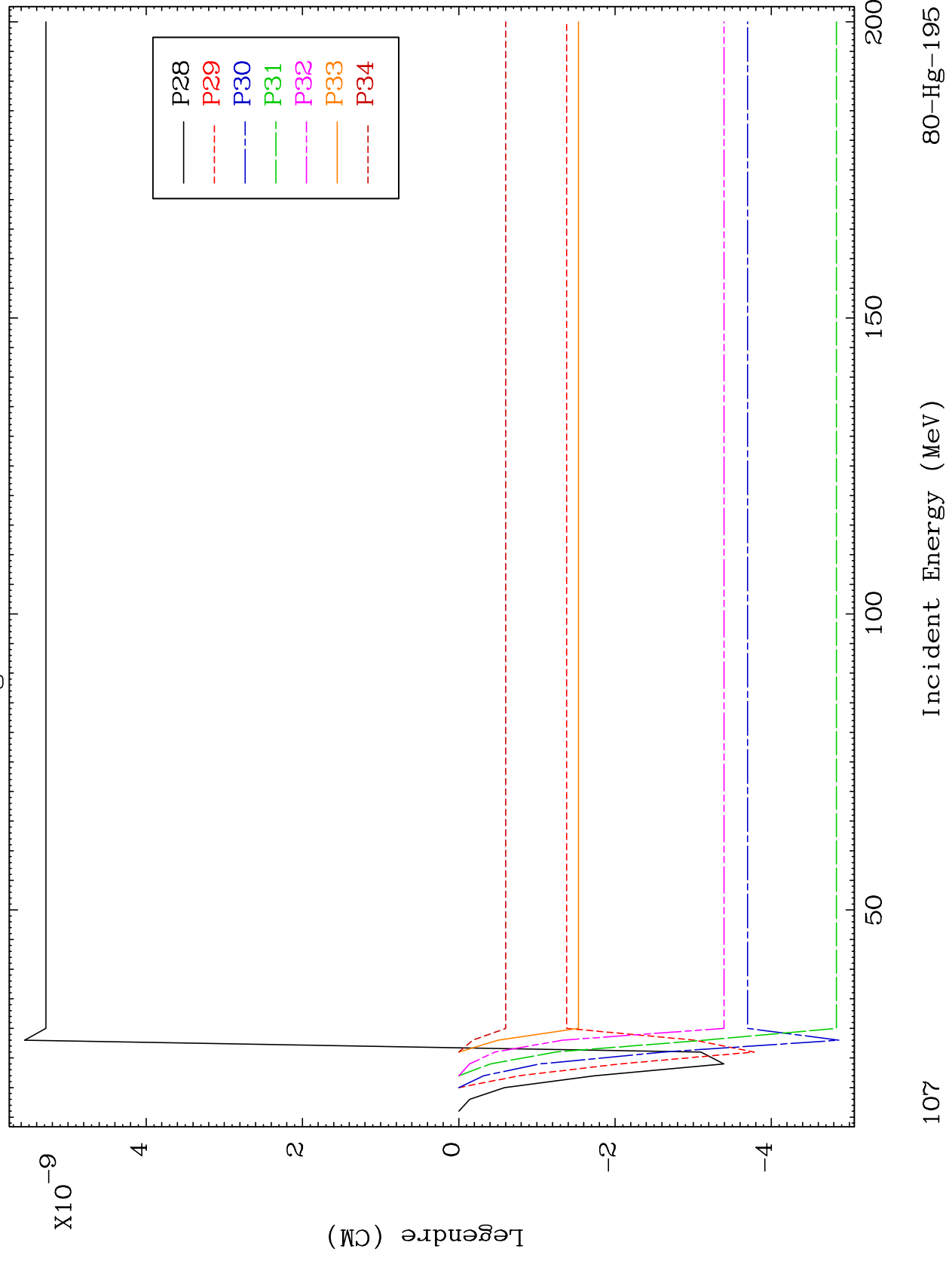
80-Hg-195

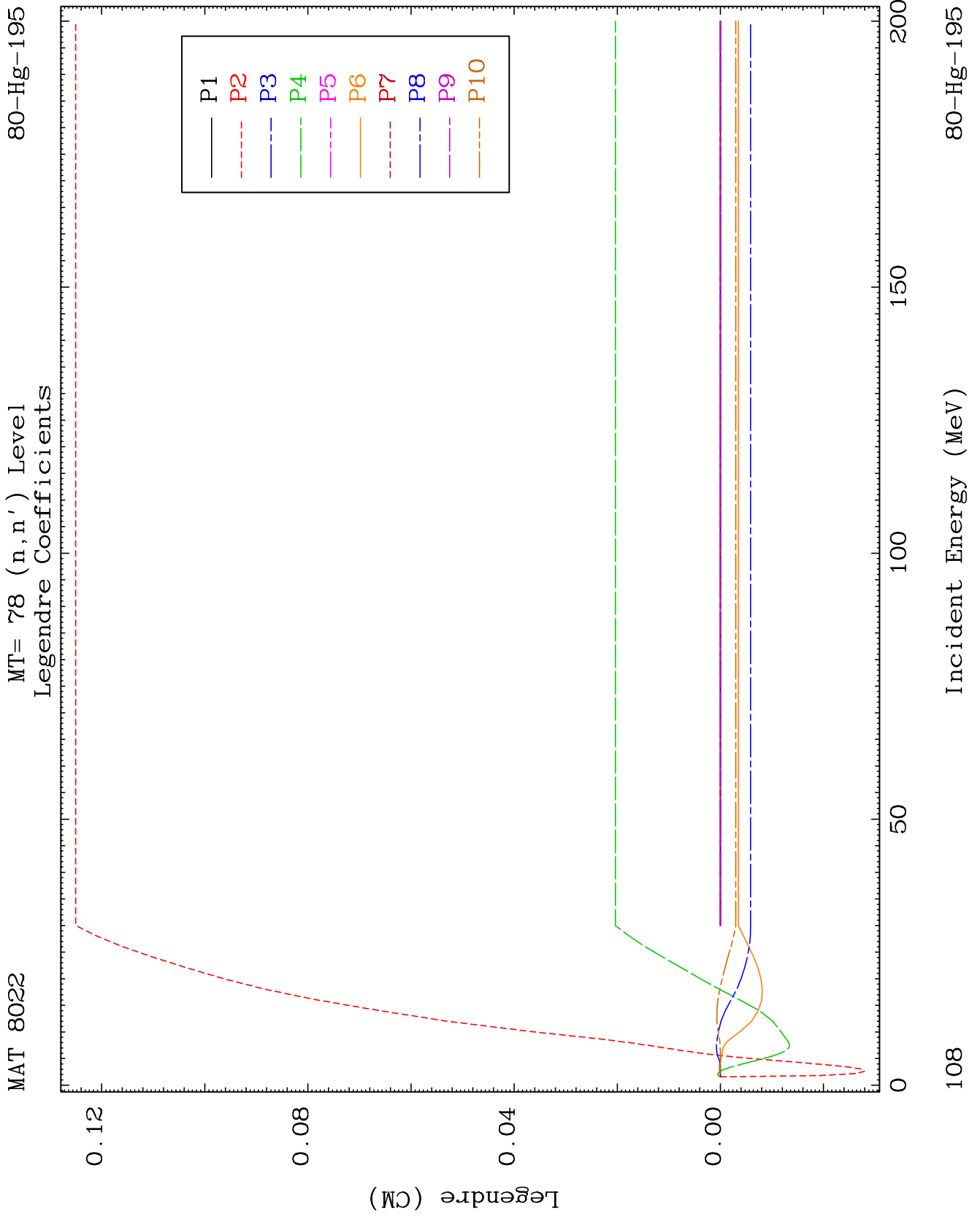


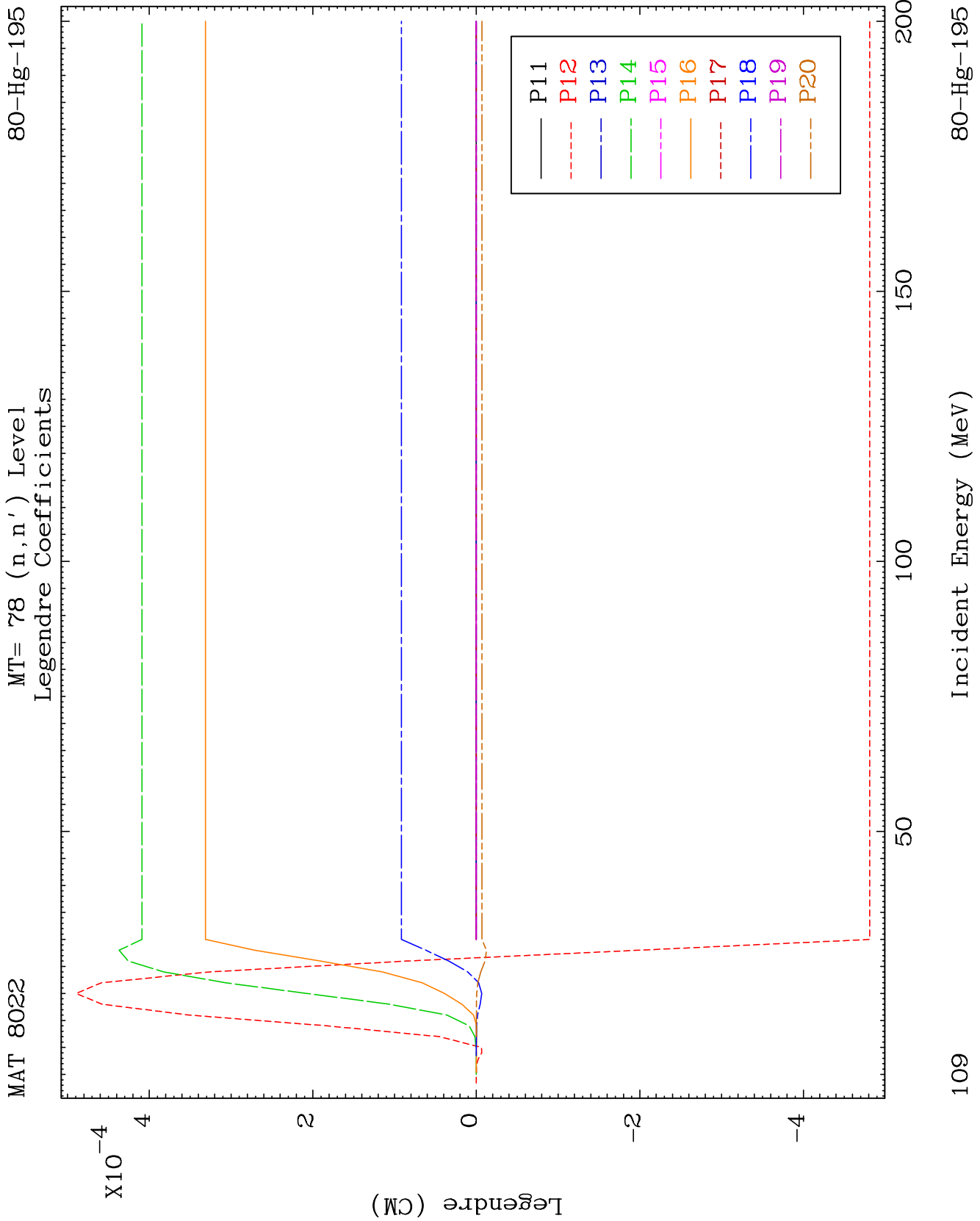
MAT 8022

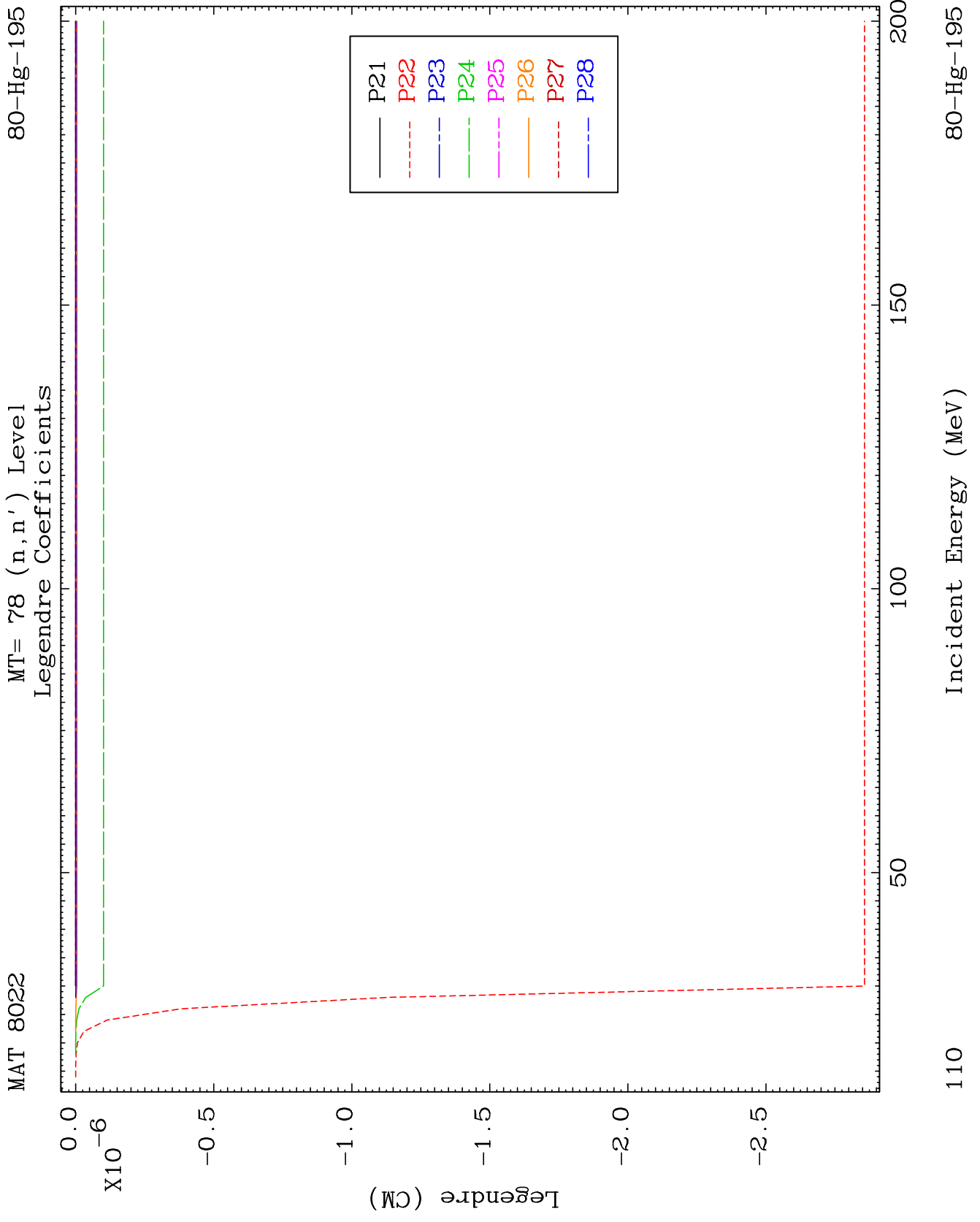
MT= 77 (n,n') Level  
Legendre Coefficients

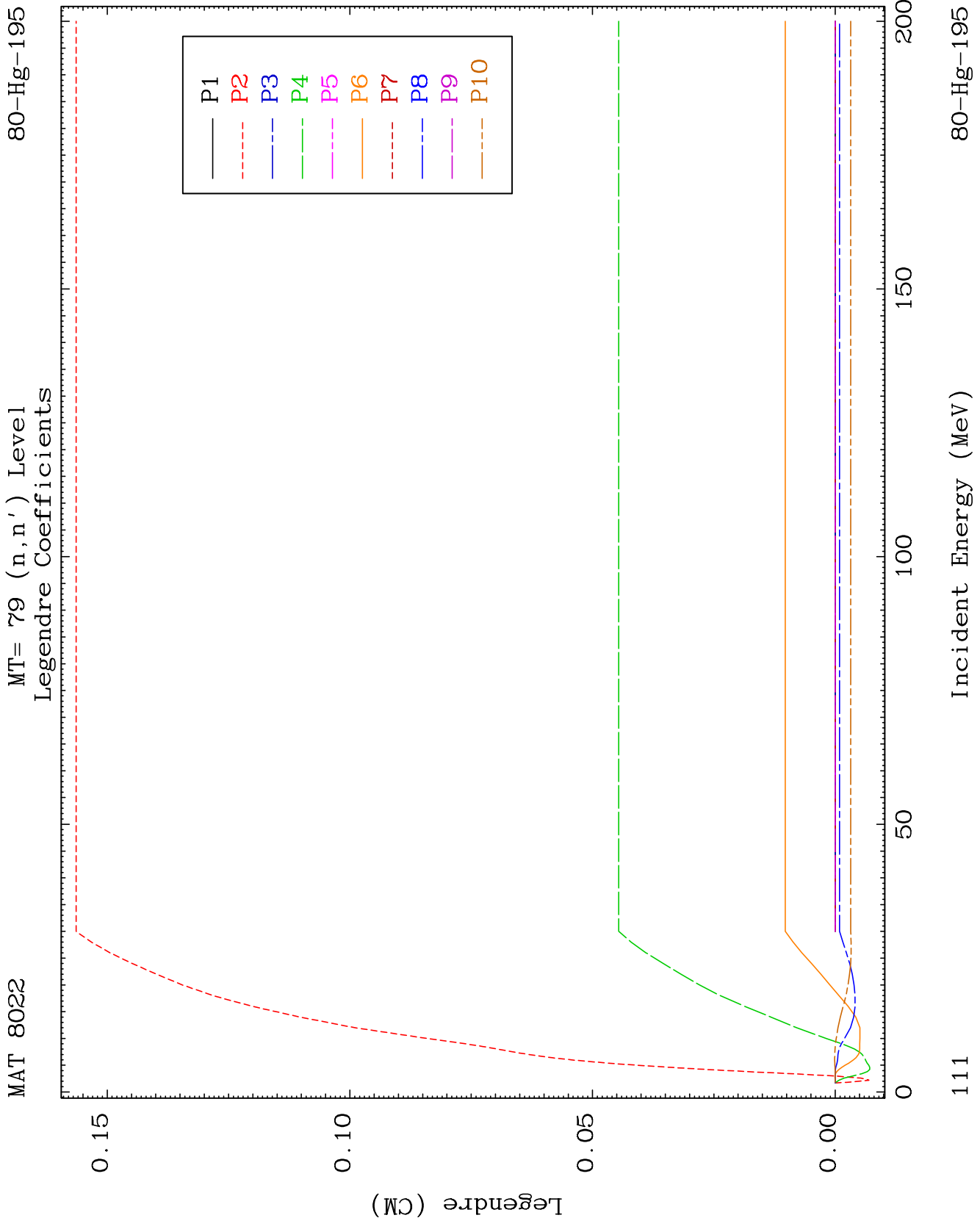
80-Hg-195



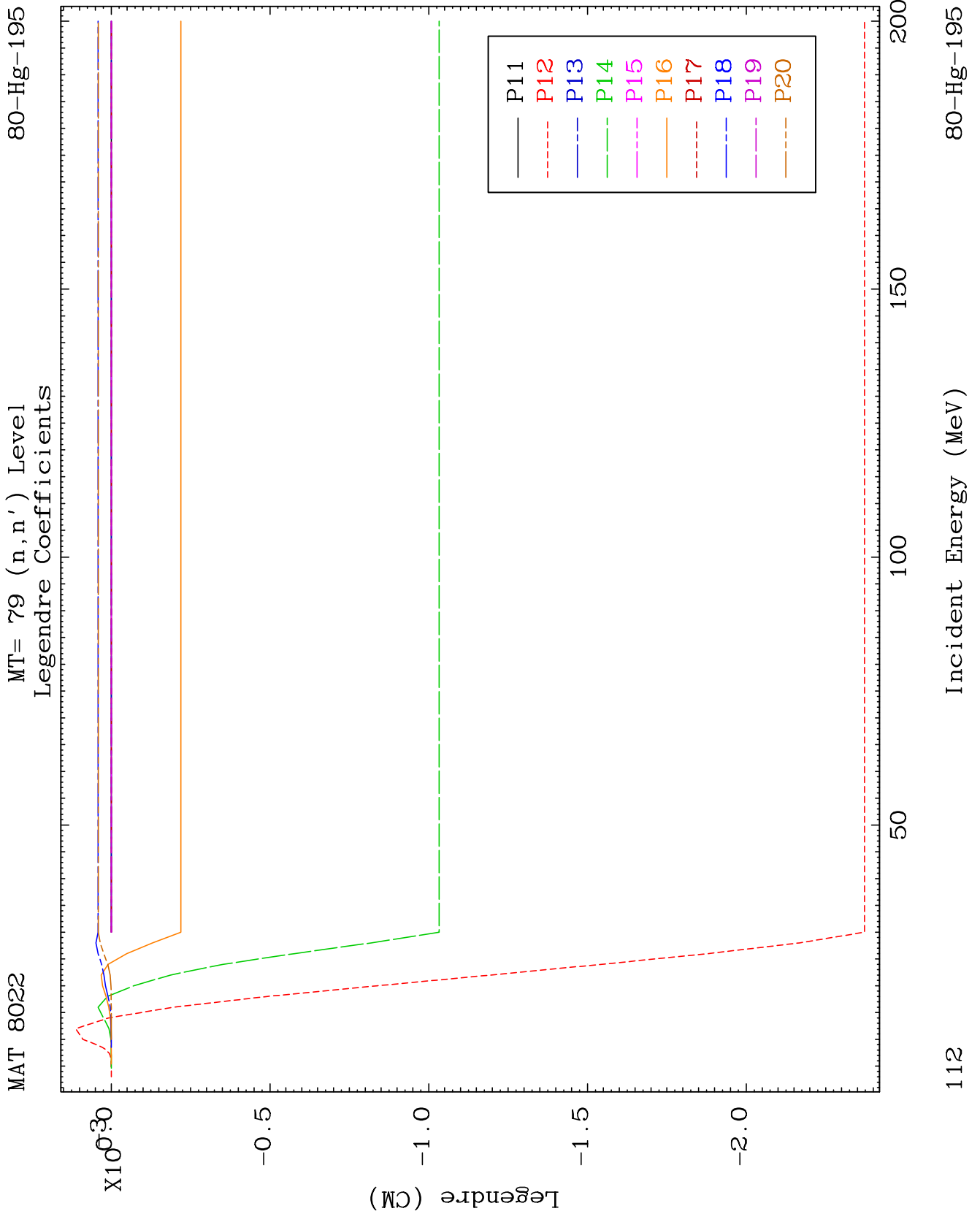










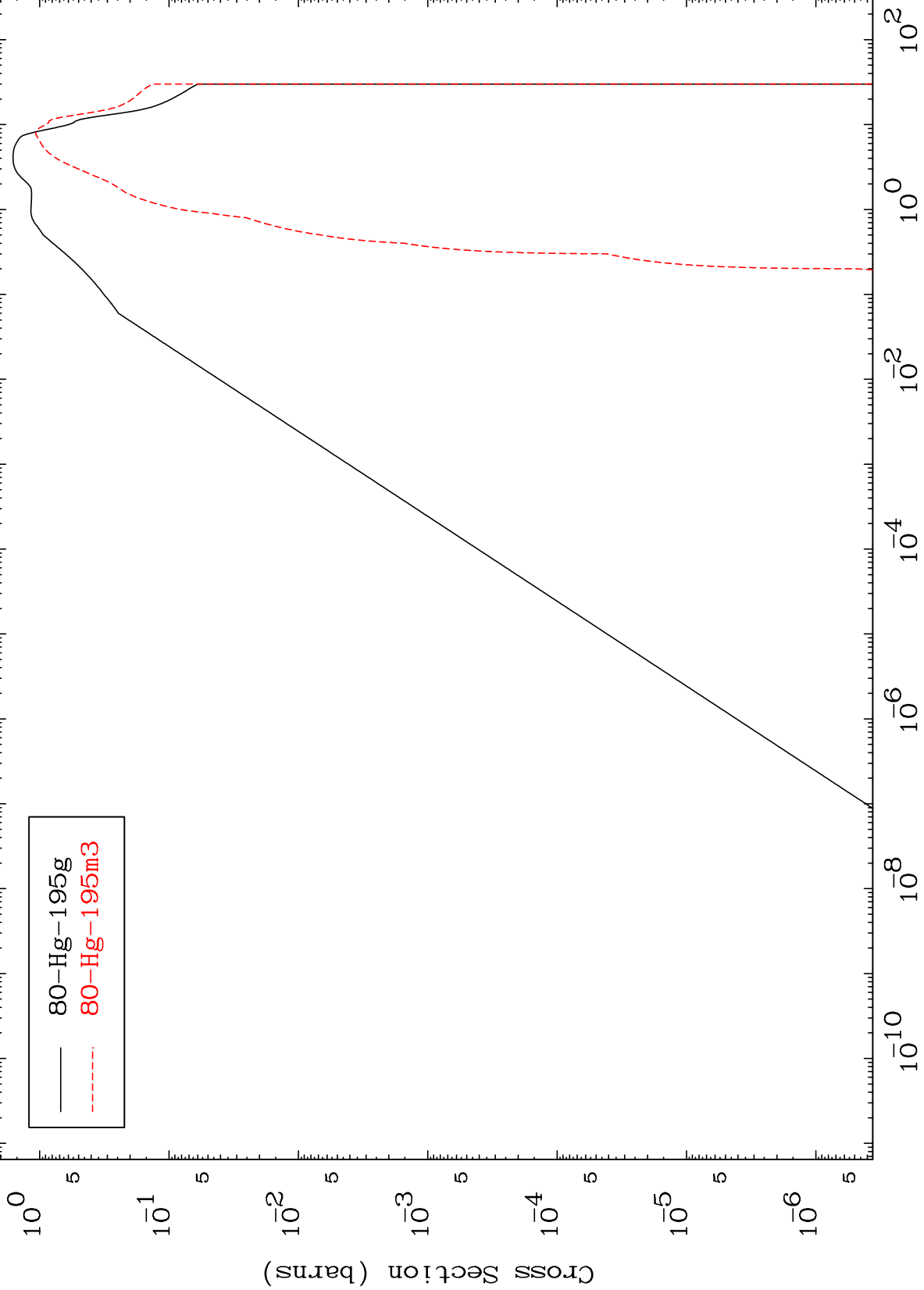




MAT 8022

Inelastic  
Radionuclide Production Cross Section

80-Hg-195



80-Hg-195g  
80-Hg-195m3

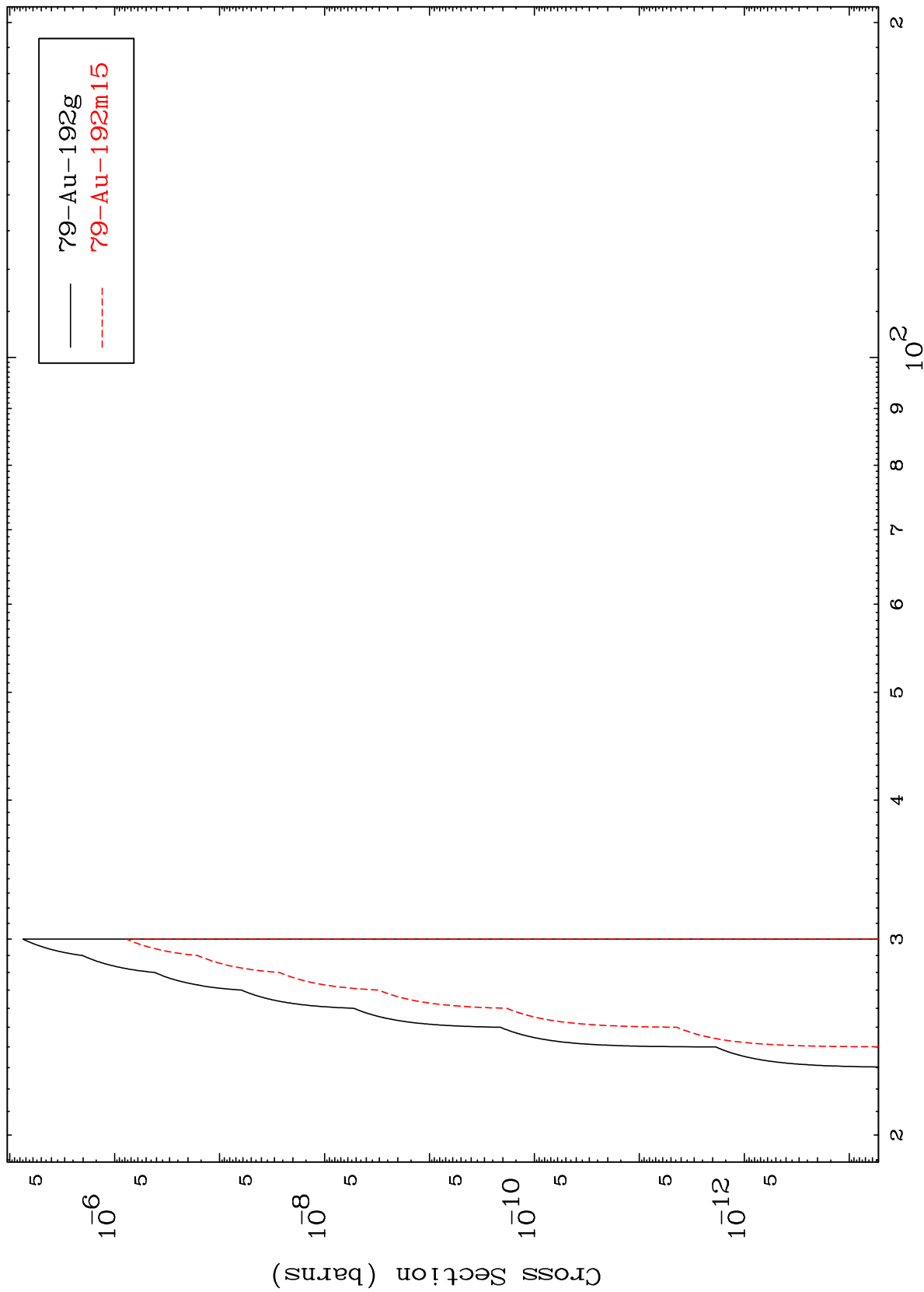
80-Hg-195

MAT 8022

(n,2n) d

80-Hg-195

Radionuclide Production Cross Section



115

Incident Energy (MeV)

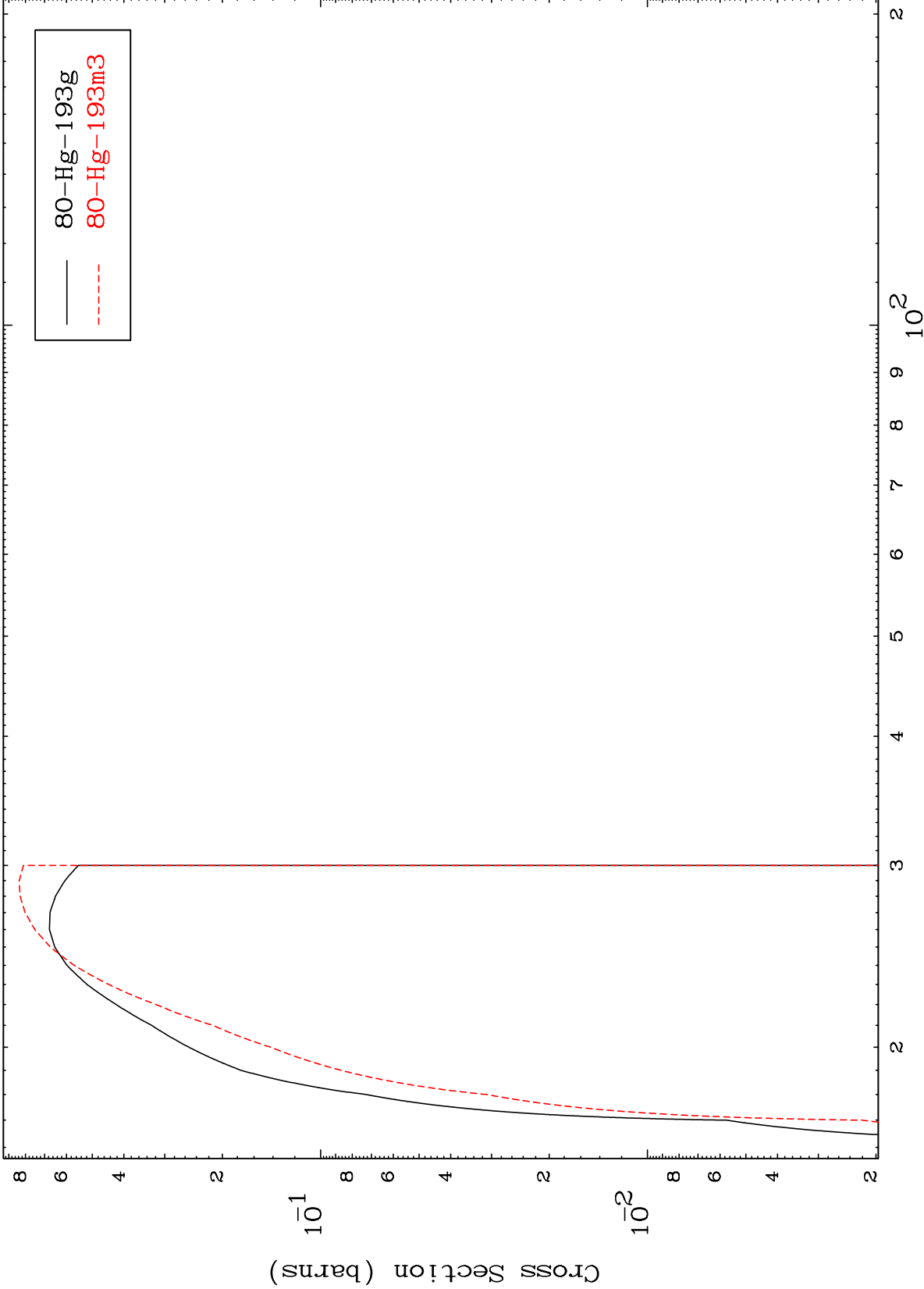
80-Hg-195

MAT 8022

(n,3n)

80-Hg-195

Radionuclide Production Cross Section



116

Incident Energy (MeV)

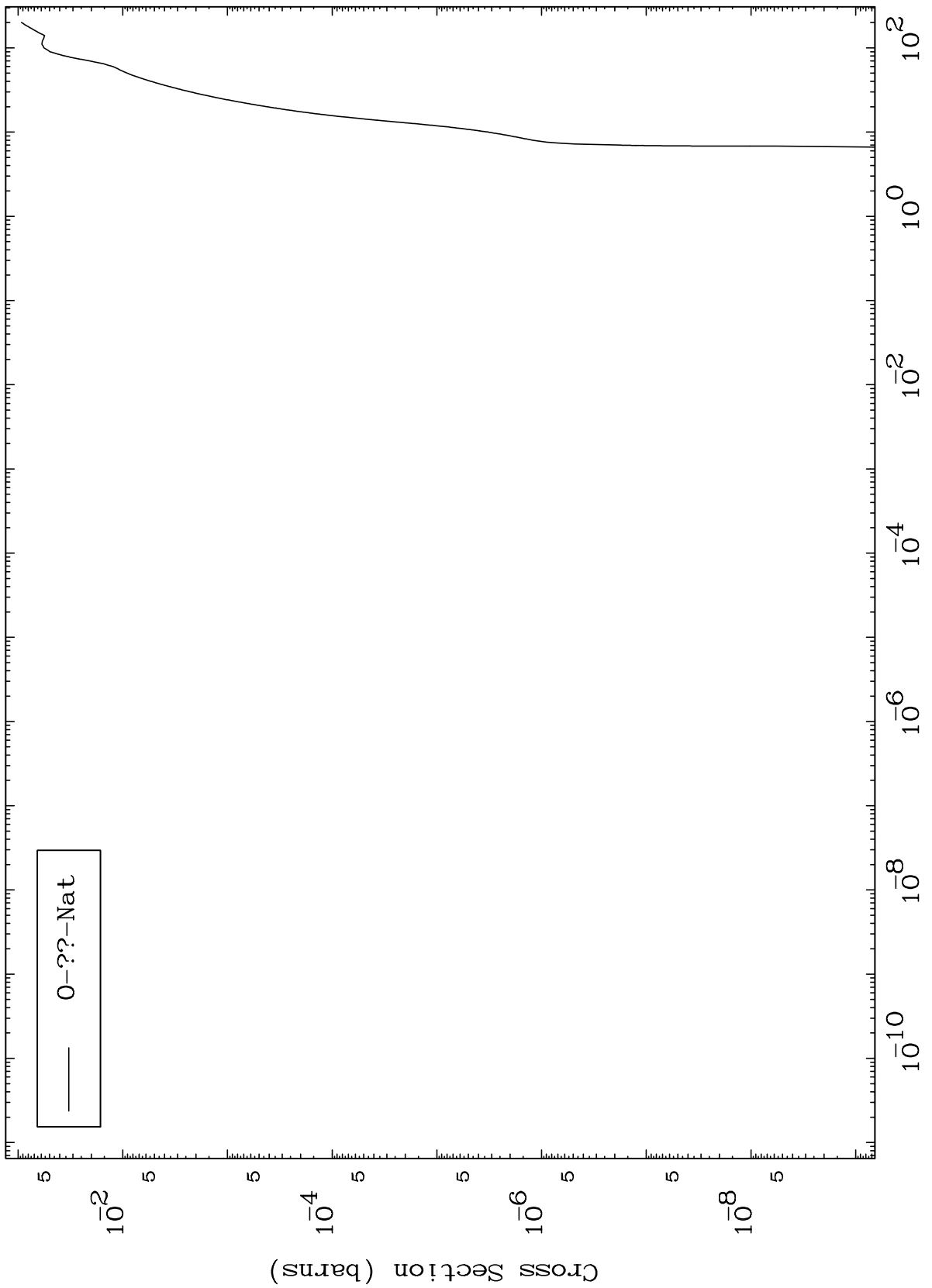
80-Hg-195

MAT 8022

Fission

80-Hg-195

Radionuclide Production Cross Section

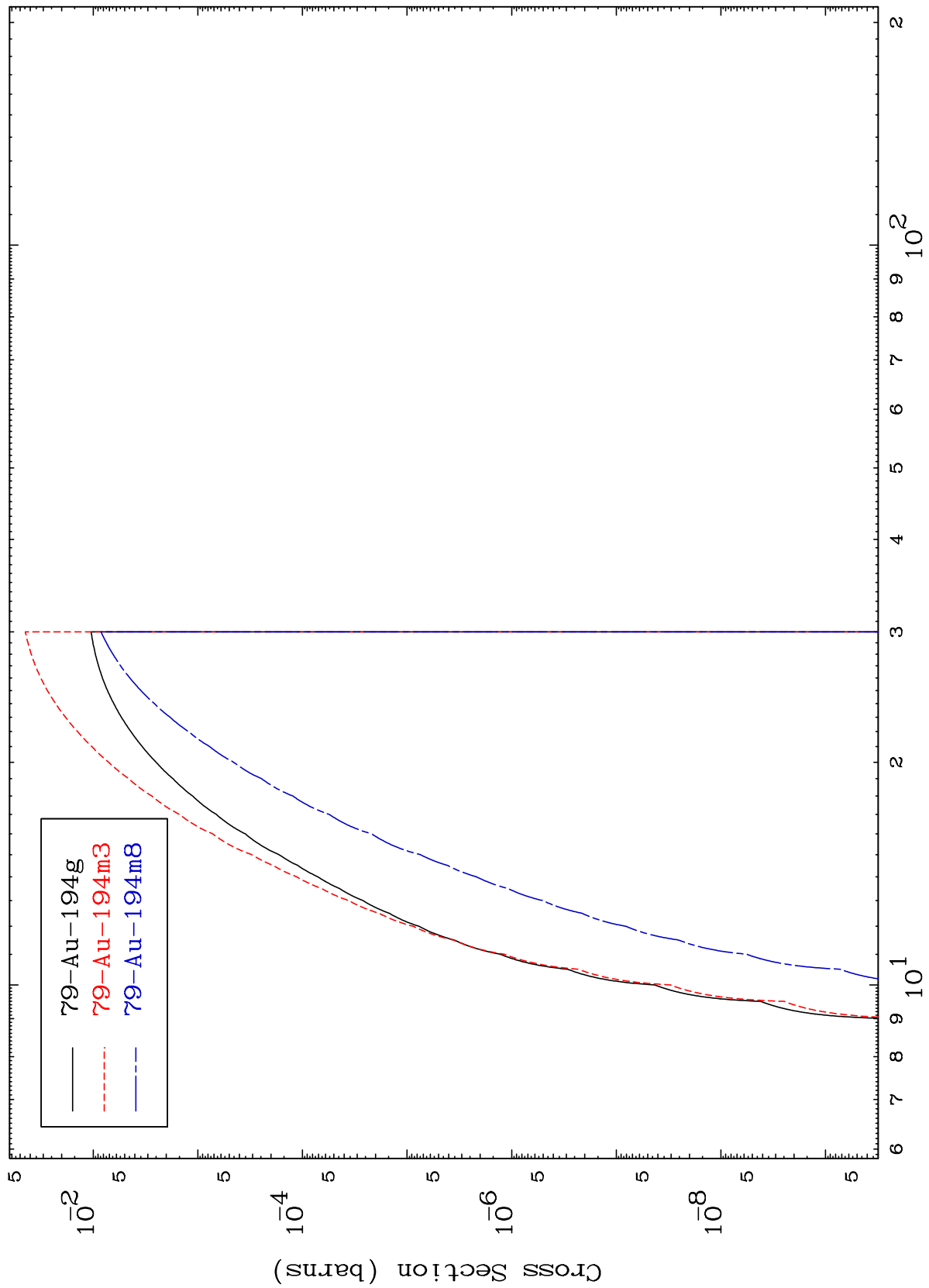


117

Incident Energy (MeV)

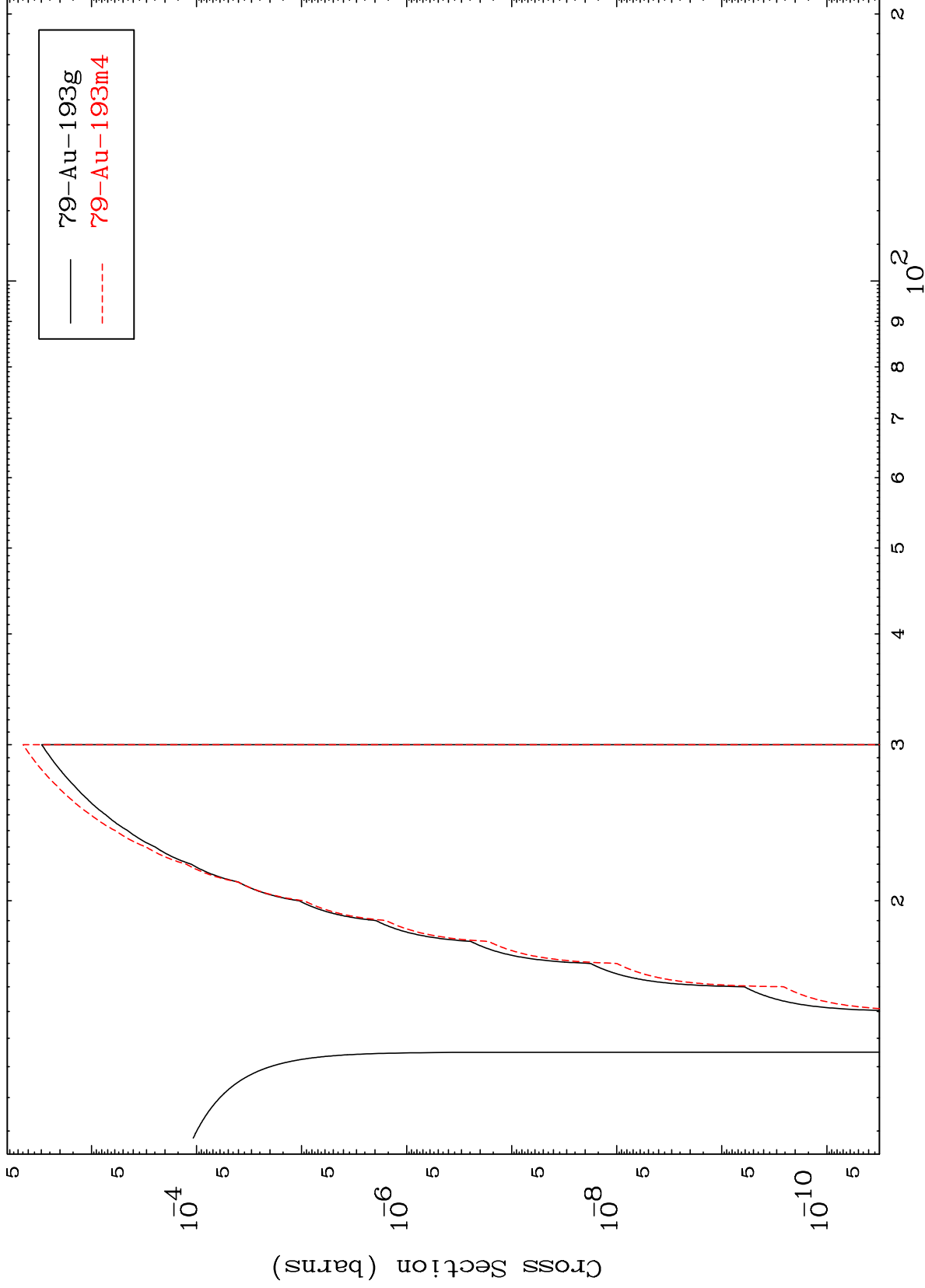
80-Hg-195

(n,n') p  
Radionuclide Production Cross Section



Incident Energy (MeV)

Radionuclide Production Cross Section



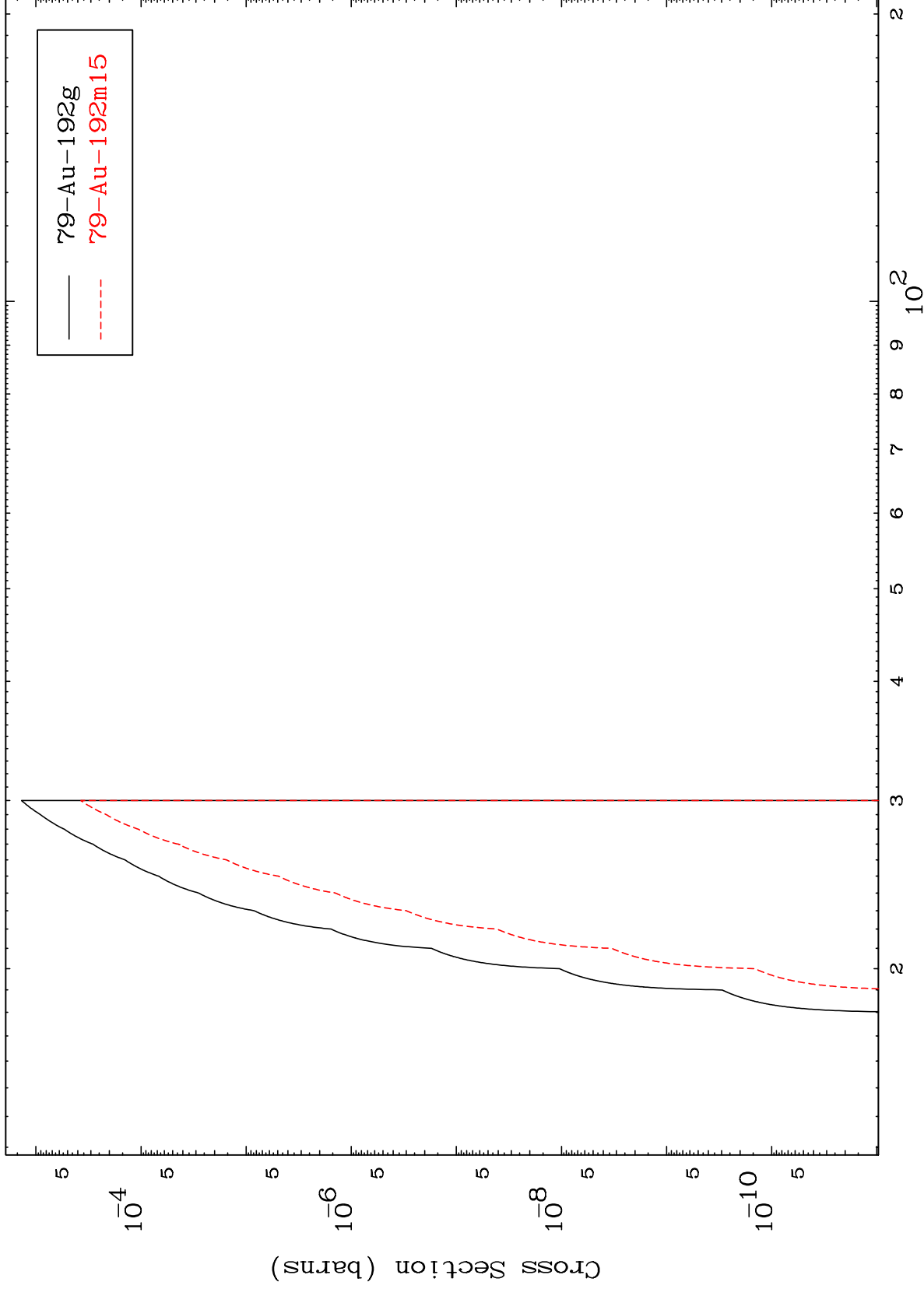


MAT 8022

(n,n') t

80-Hg-195

Radionuclide Production Cross Section



120

Incident Energy (MeV)

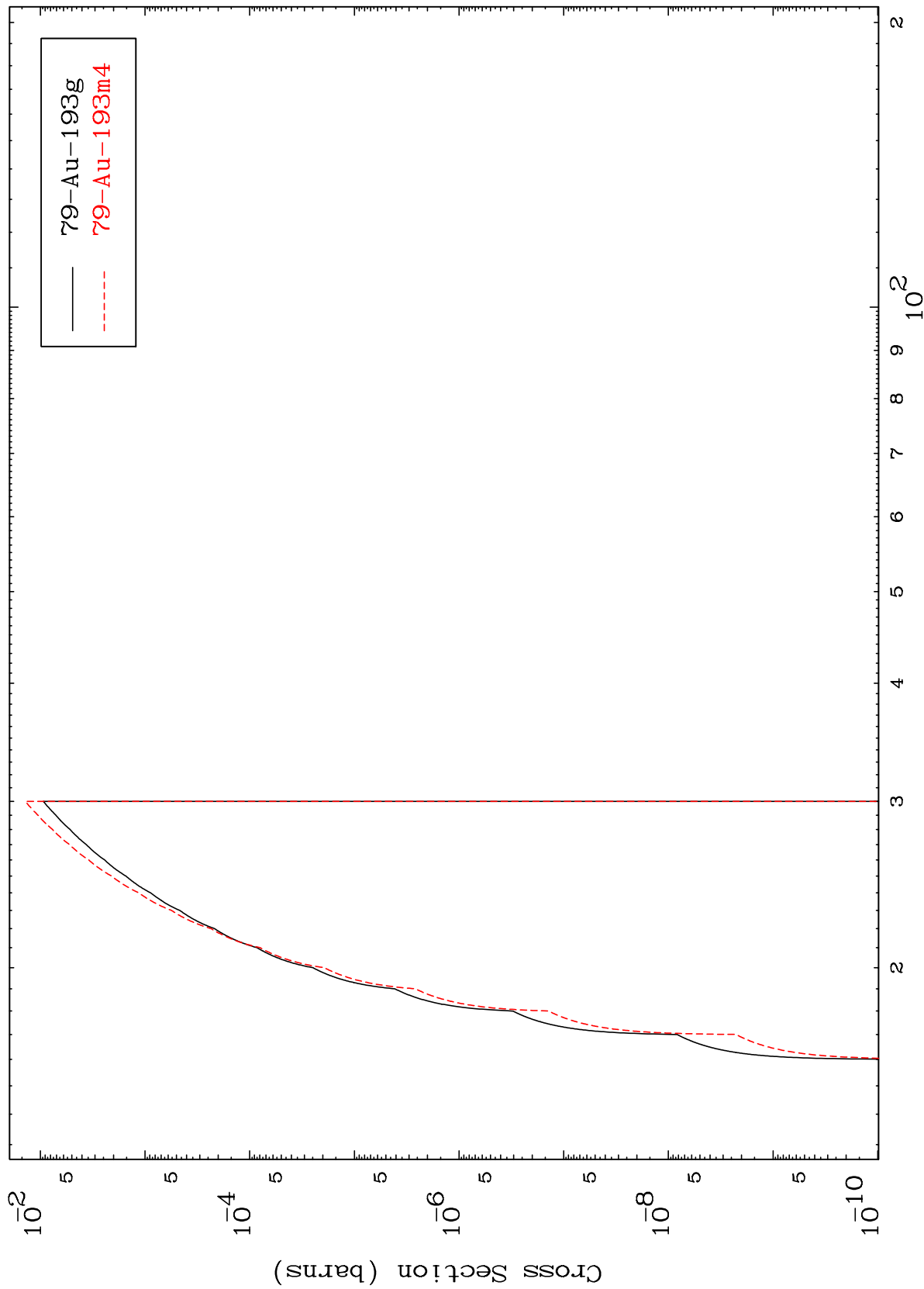
80-Hg-195

MAT 8022

(n,2n) p

80-Hg-195

Radionuclide Production Cross Section



121

Incident Energy (MeV)

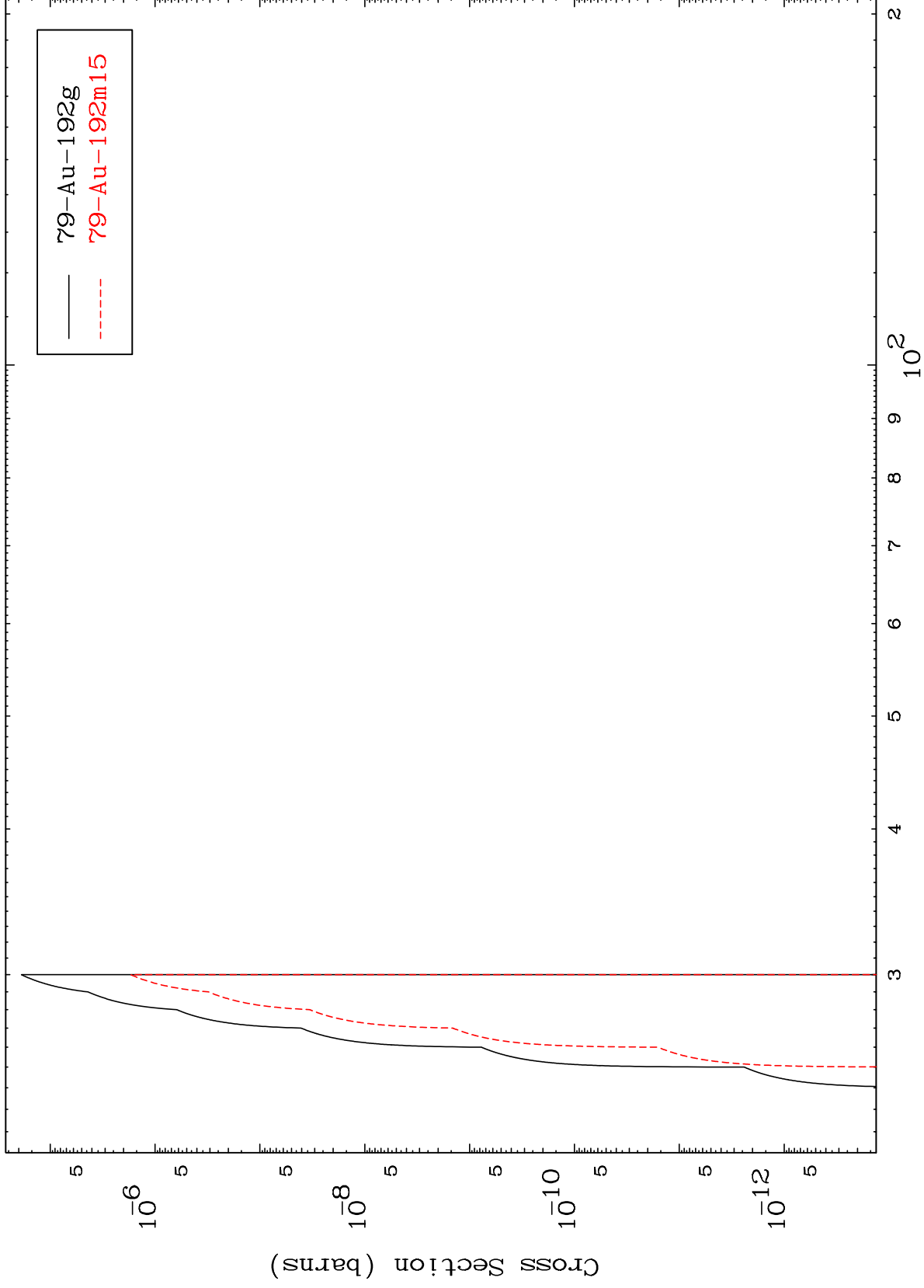
80-Hg-195

MAT 8022

(n,3n) p

80-Hg-195

Radionuclide Production Cross Section



122

Incident Energy (MeV)

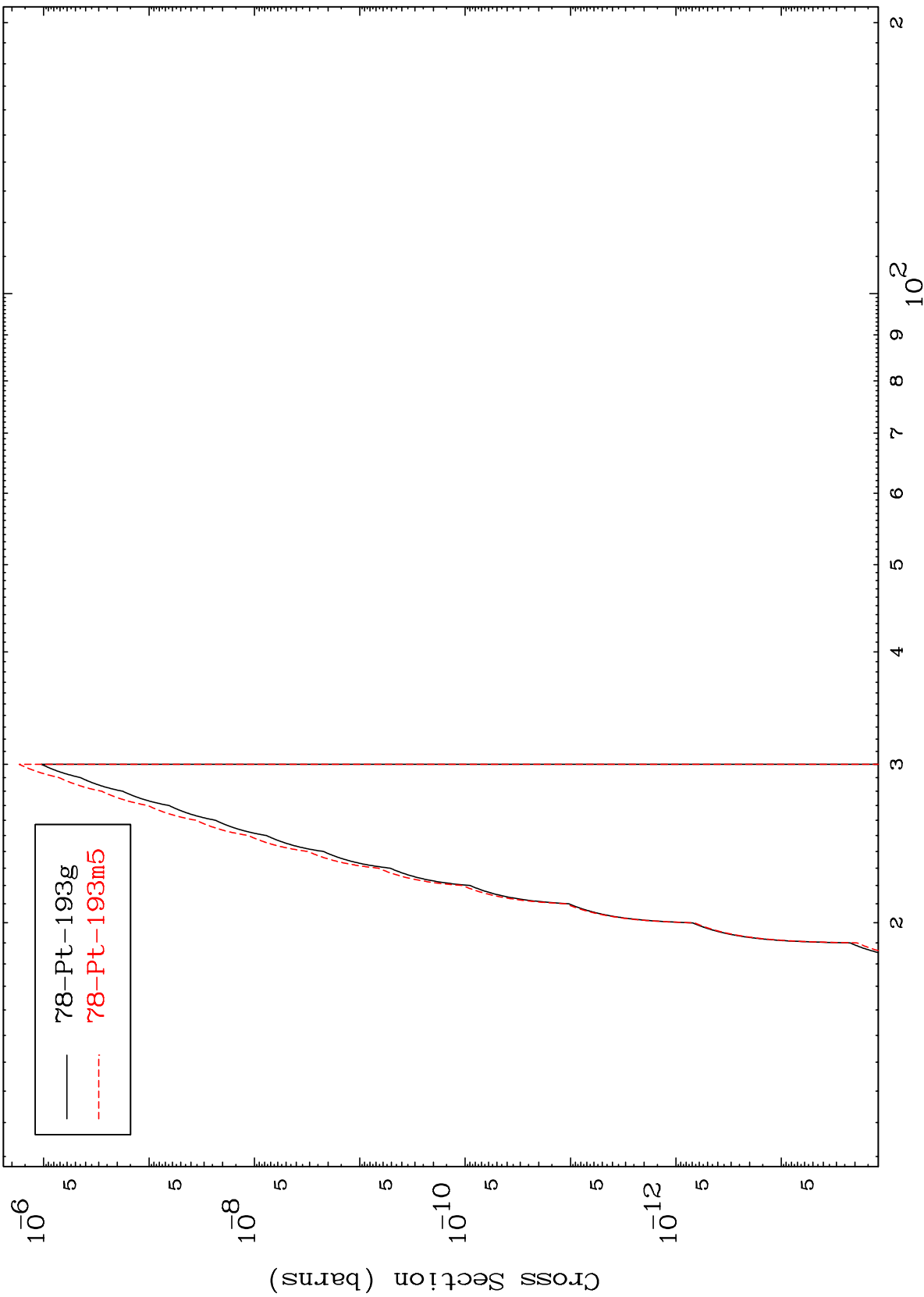
80-Hg-195

MAT 8022

(n,2n) p

80-Hg-195

Radionuclide Production Cross Section

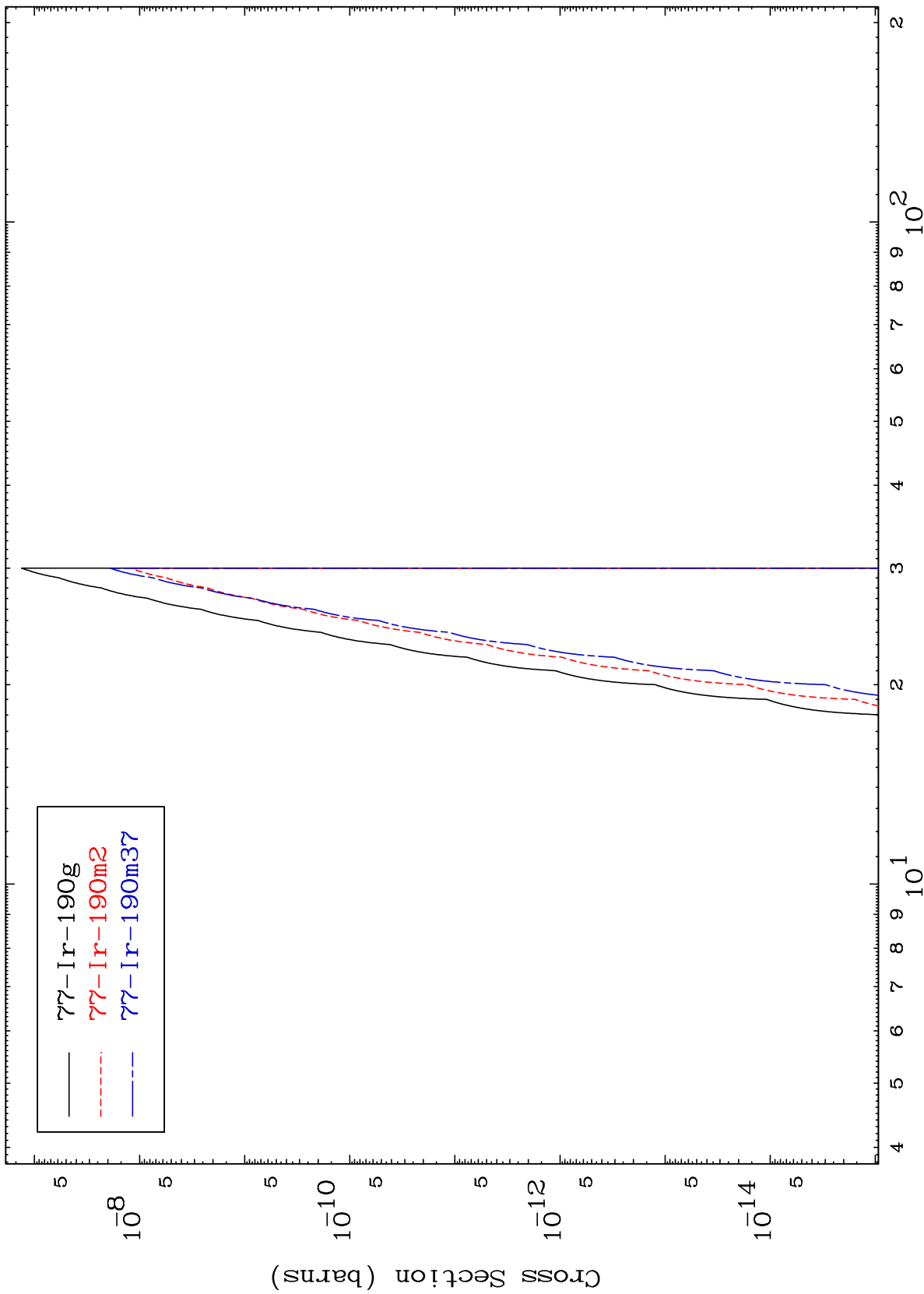


MAT 8022

(n,n') p  $\alpha$

80-Hg-195

Radionuclide Production Cross Section



124

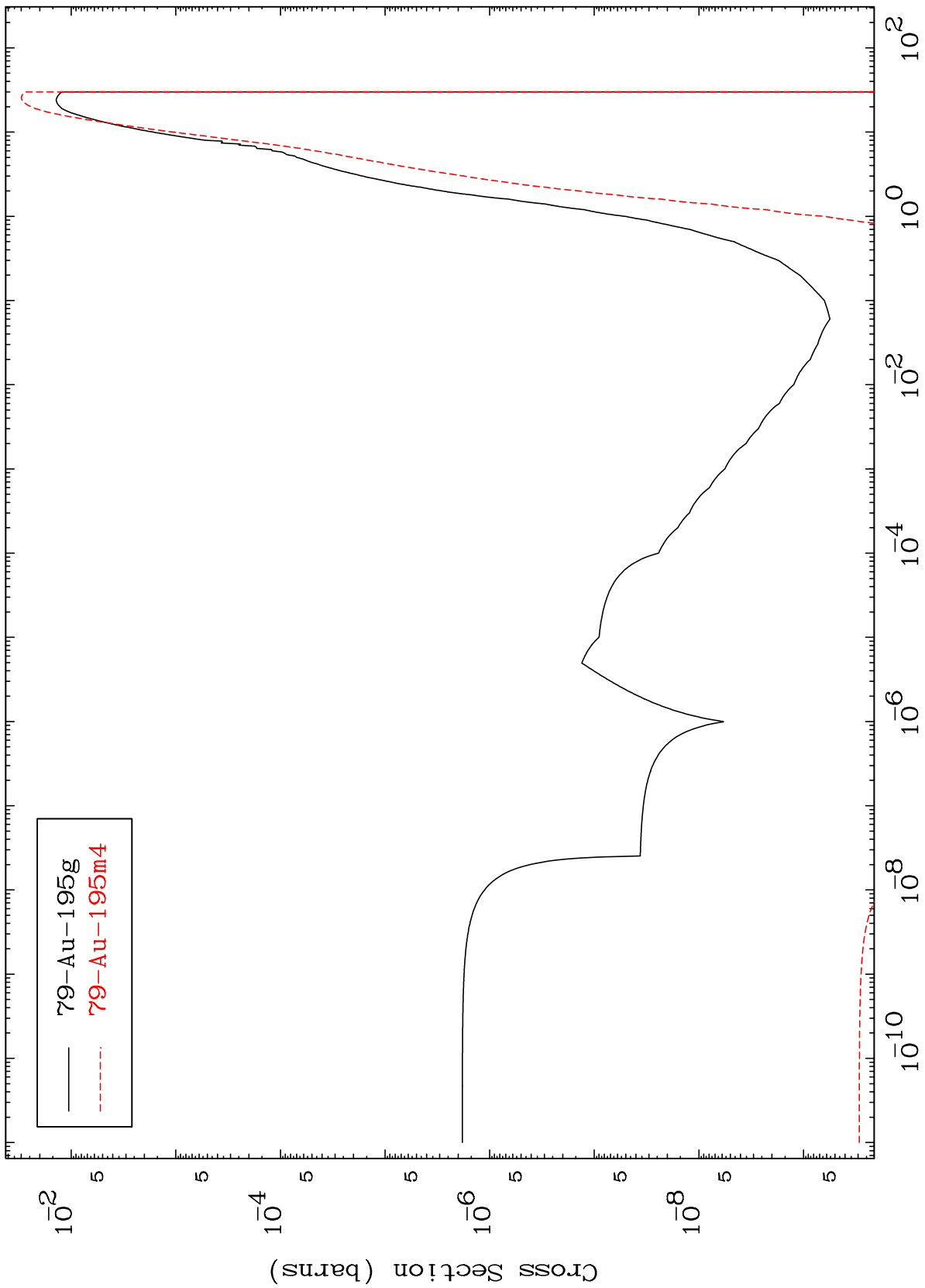
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

(n,p)  
Radionuclide Production Cross Section

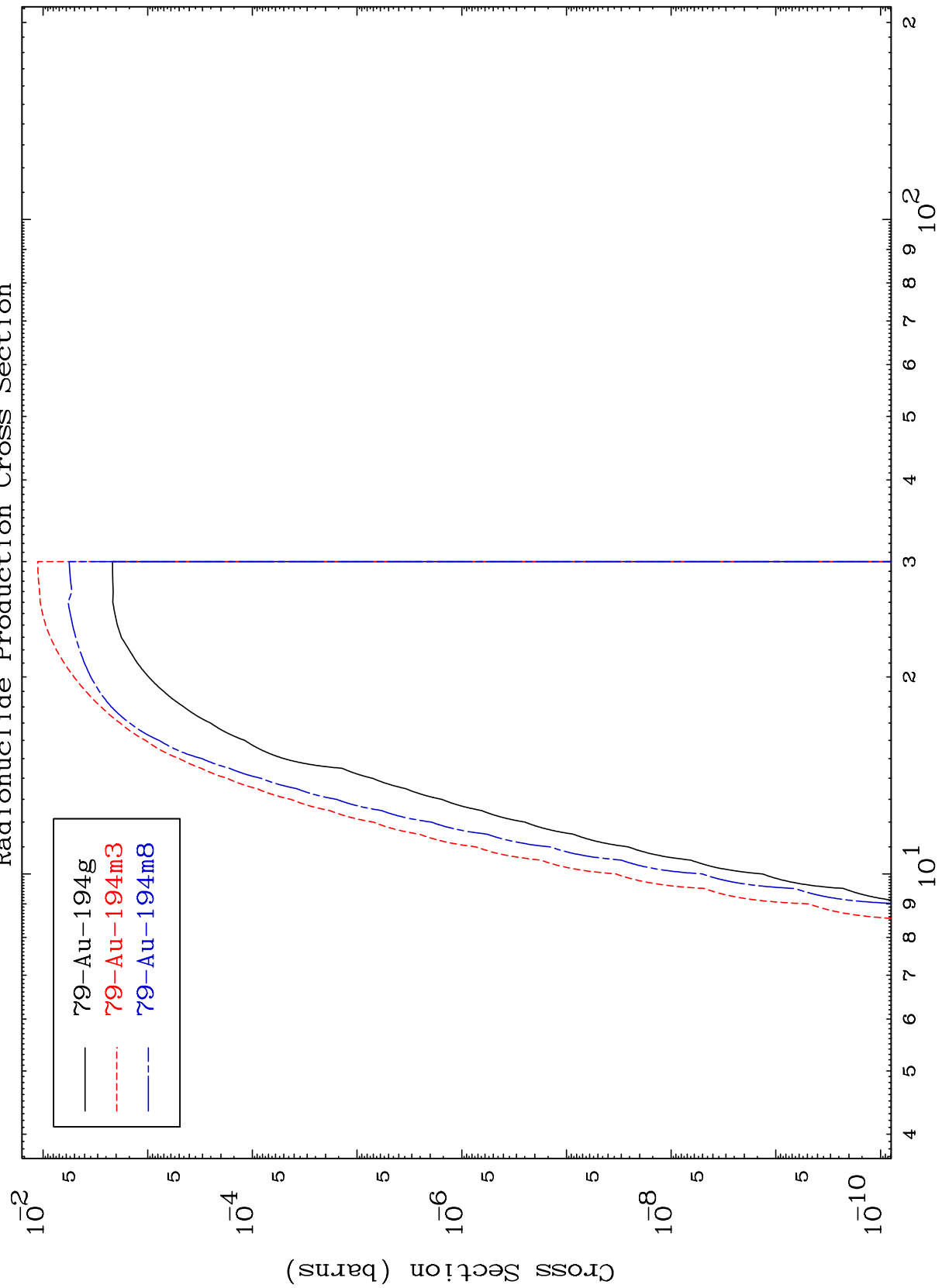


125

80-Hg-195

Incident Energy (MeV)

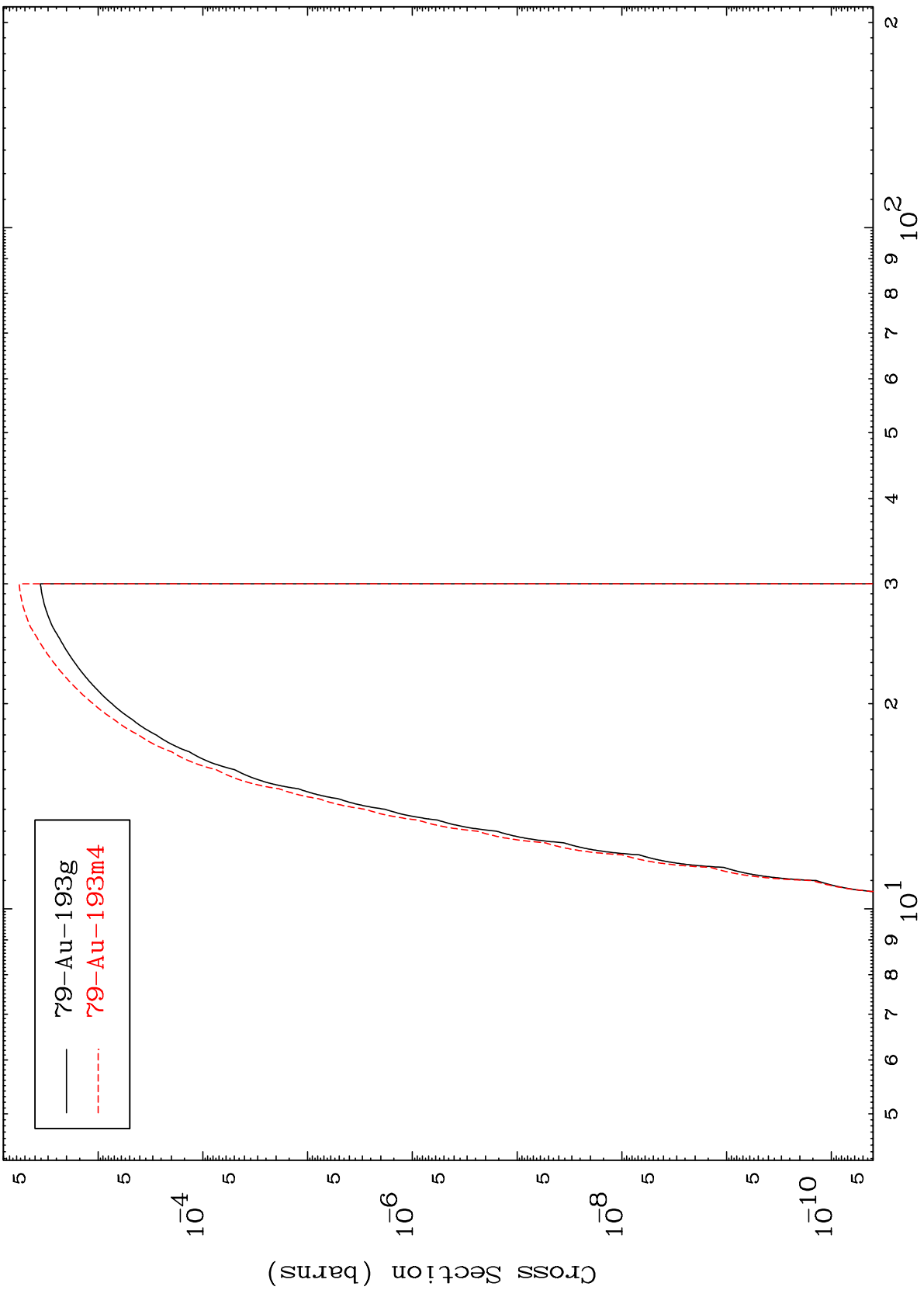
(n,d)  
Radionuclide Production Cross Section



MAT 8022

80-Hg-195

Radionuclide Production Cross Section (n, t)



127

Incident Energy (MeV)

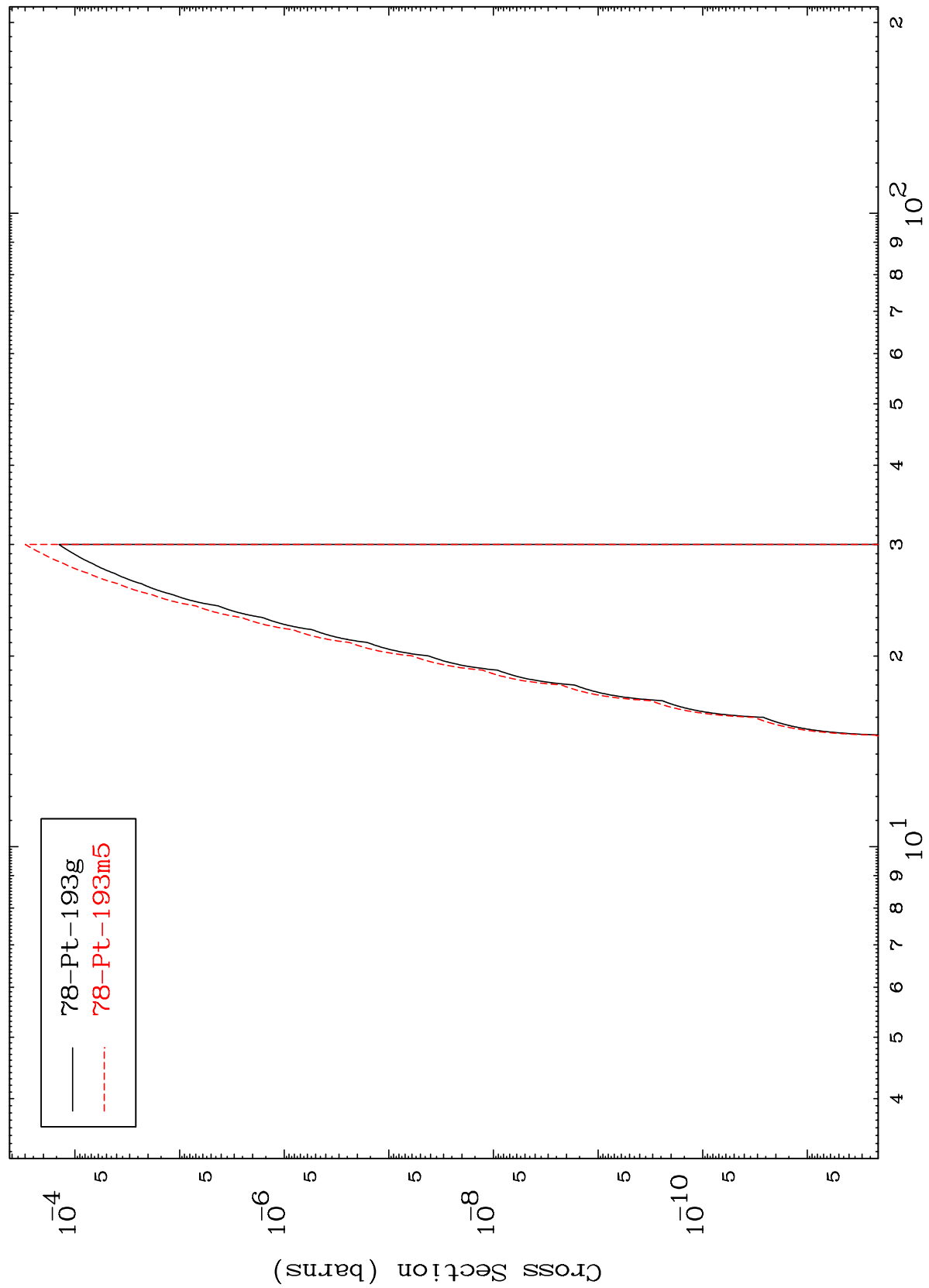
80-Hg-195



MAT 8022

80-Hg-195

(n,He-3)  
Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

128

80-Hg-195

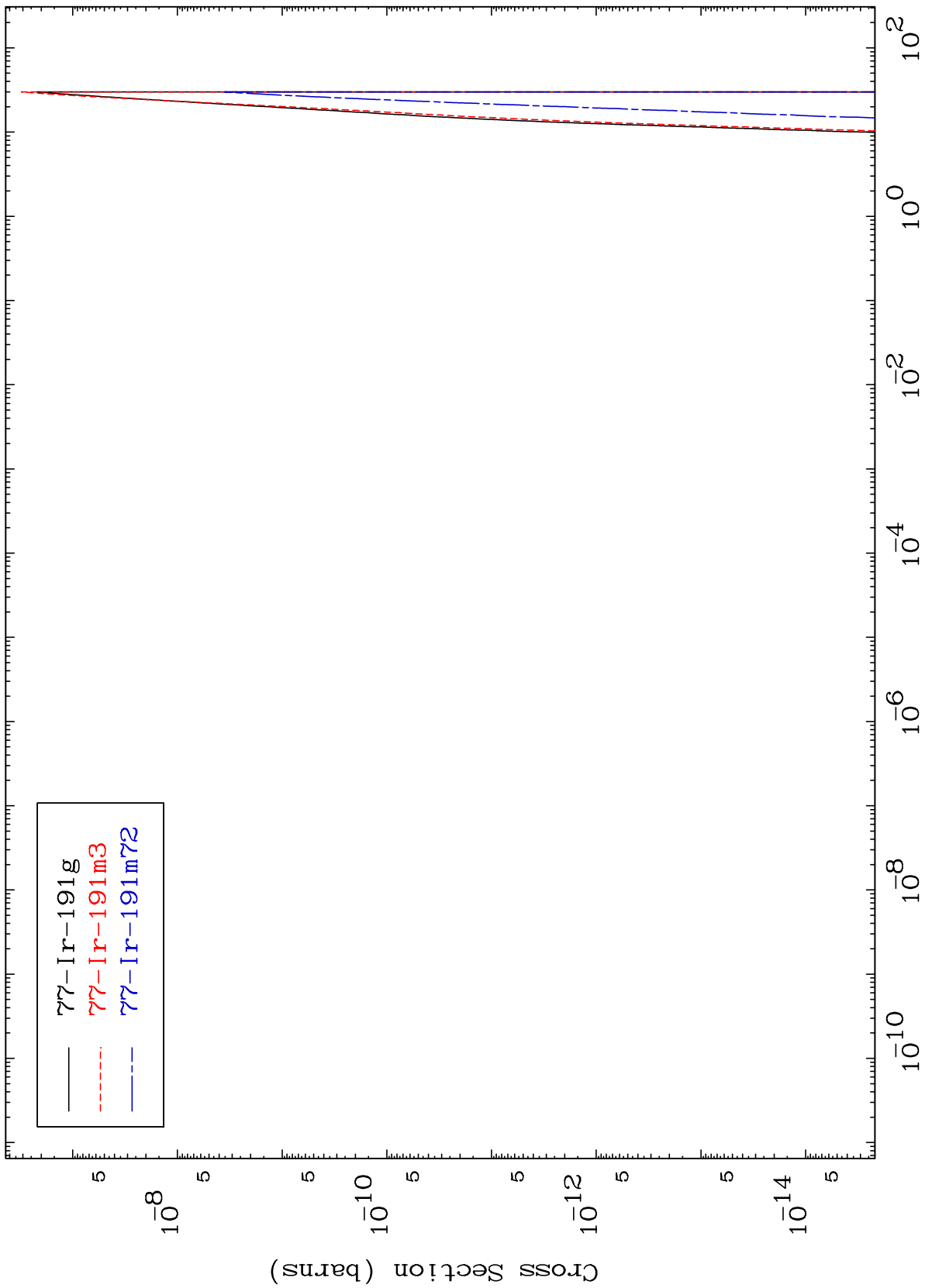
Incident Energy (MeV)

MAT 8022

(n,p)  $\alpha$

80-Hg-195

Radionuclide Production Cross Section

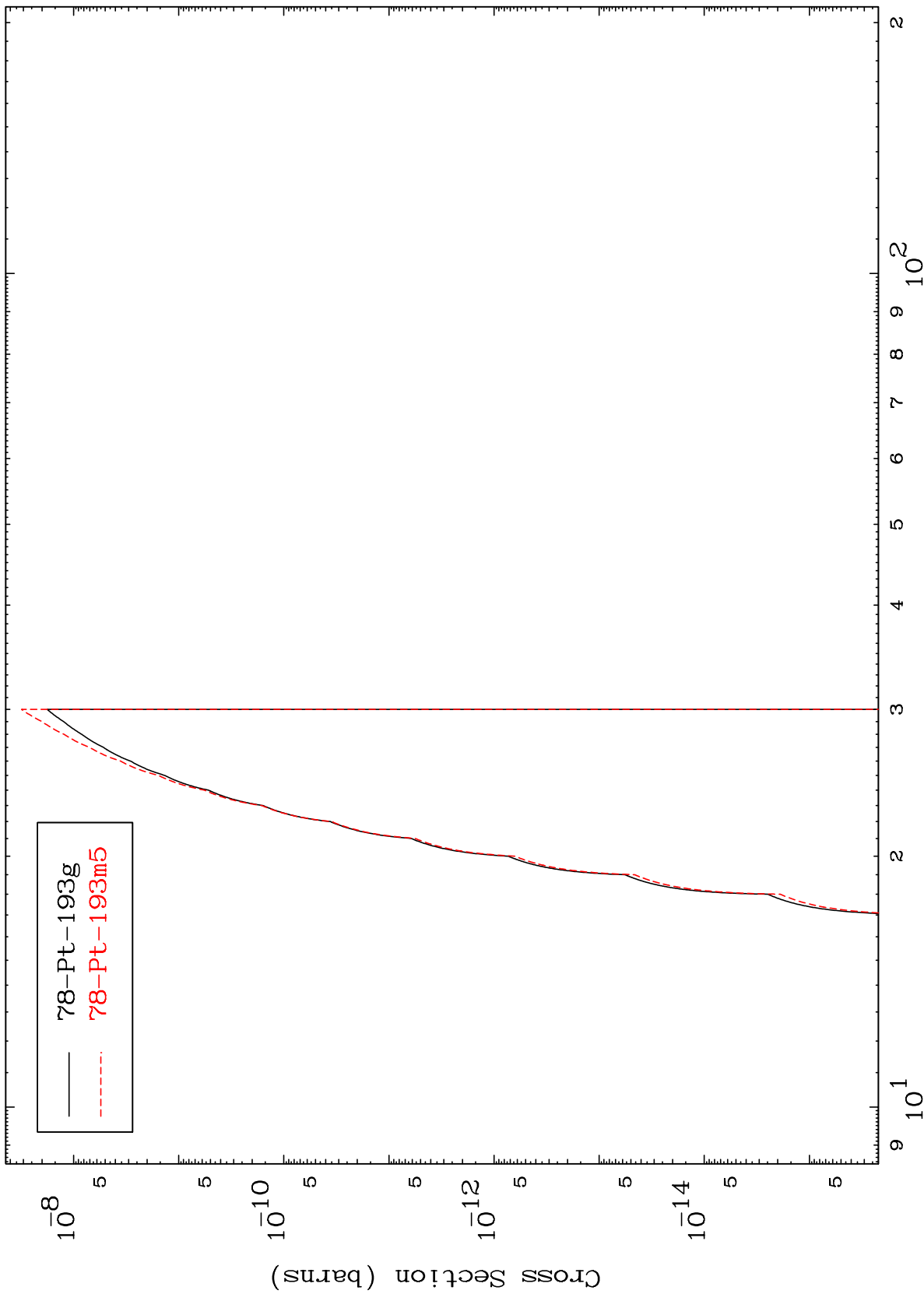


MAT 8022

(n,p) d

80-Hg-195

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

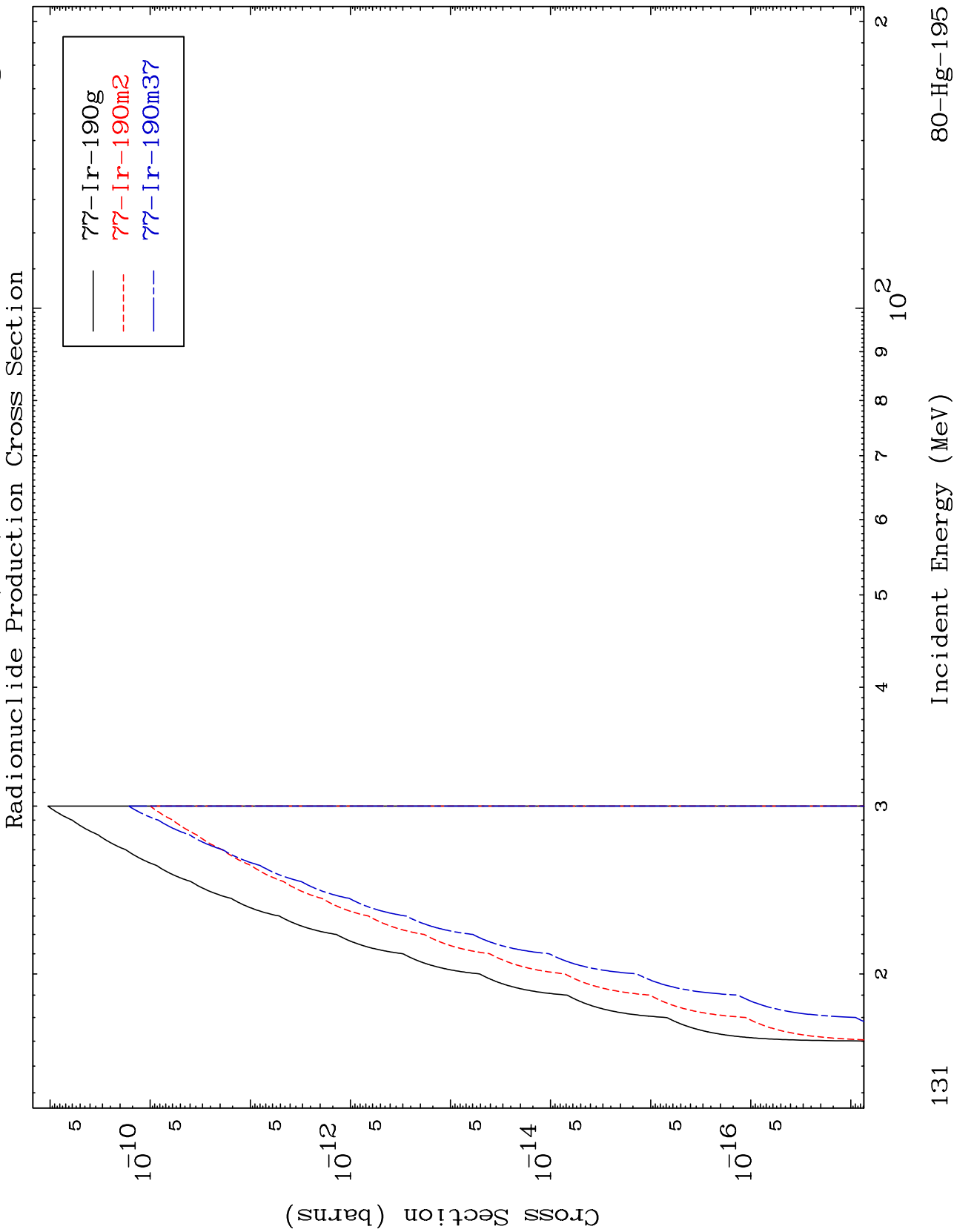
Incident Energy (MeV)

80-Hg-195

MAT 8022

(n,d)  $\alpha$

80-Hg-195



131

Incident Energy (MeV)

80-Hg-195