

Program EVALPLOT
(Version 2015-2)

by

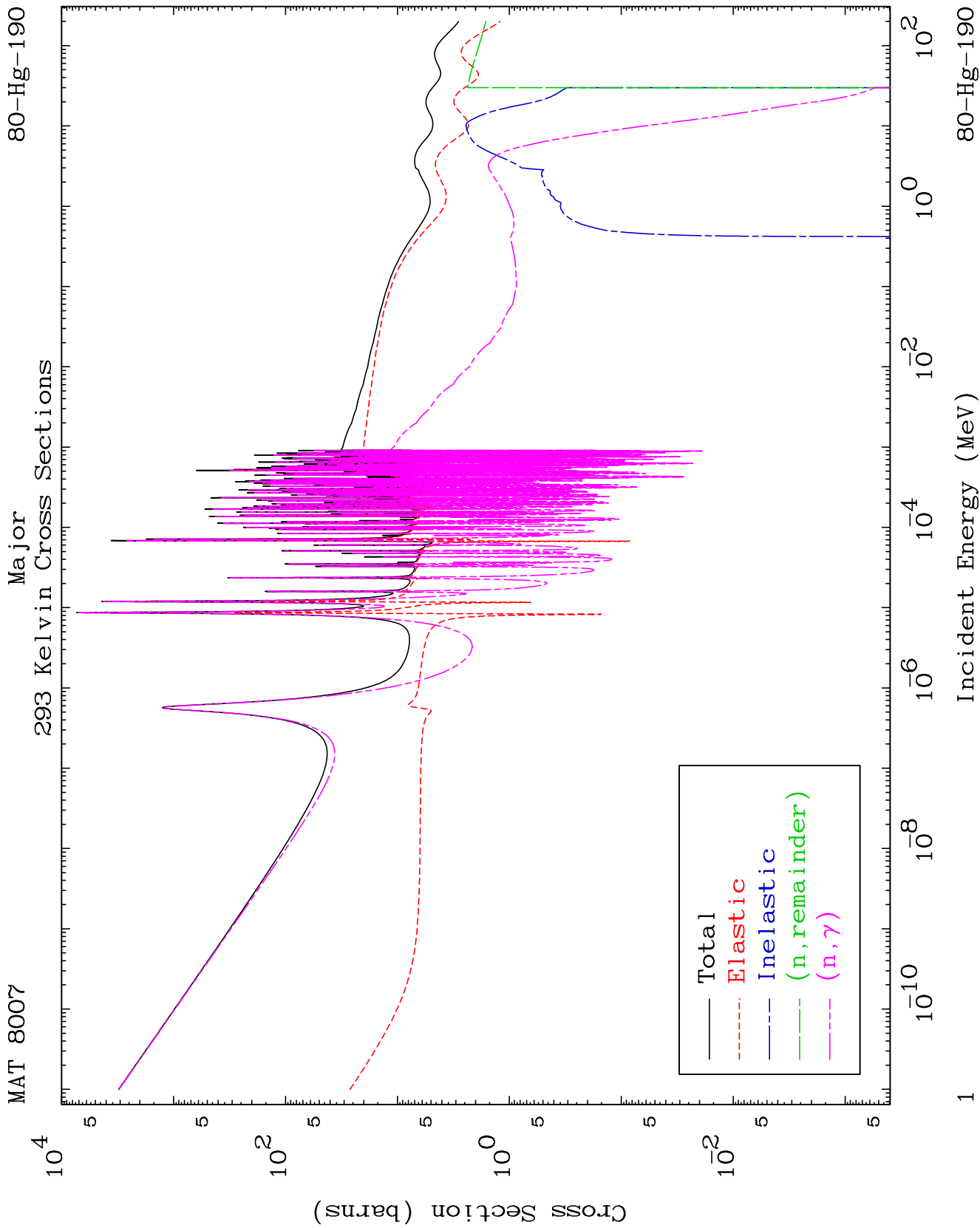
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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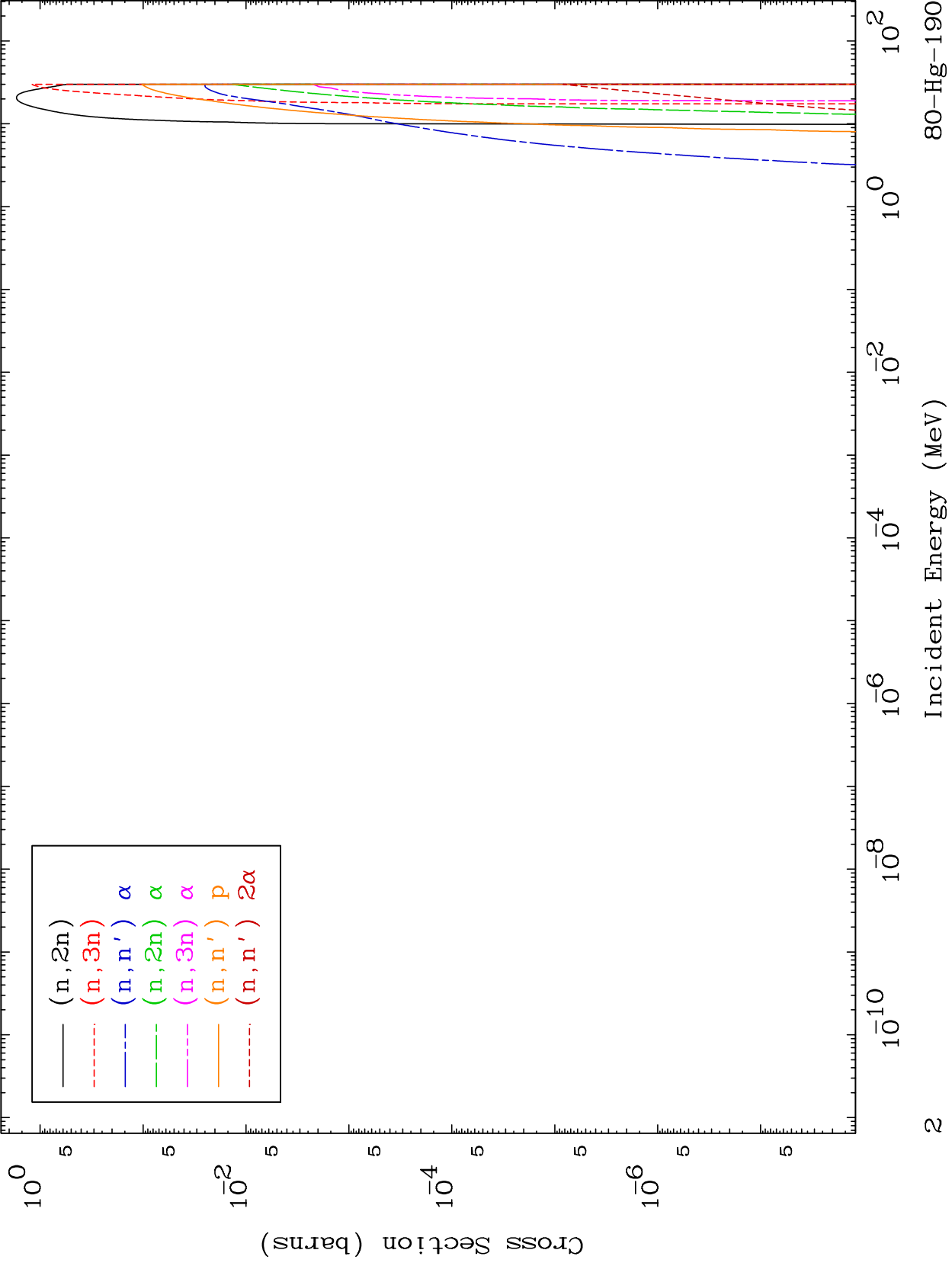
Press Mouse Button to Start



MAT 8007

Neutron Production
293 Kelvin Cross Sections

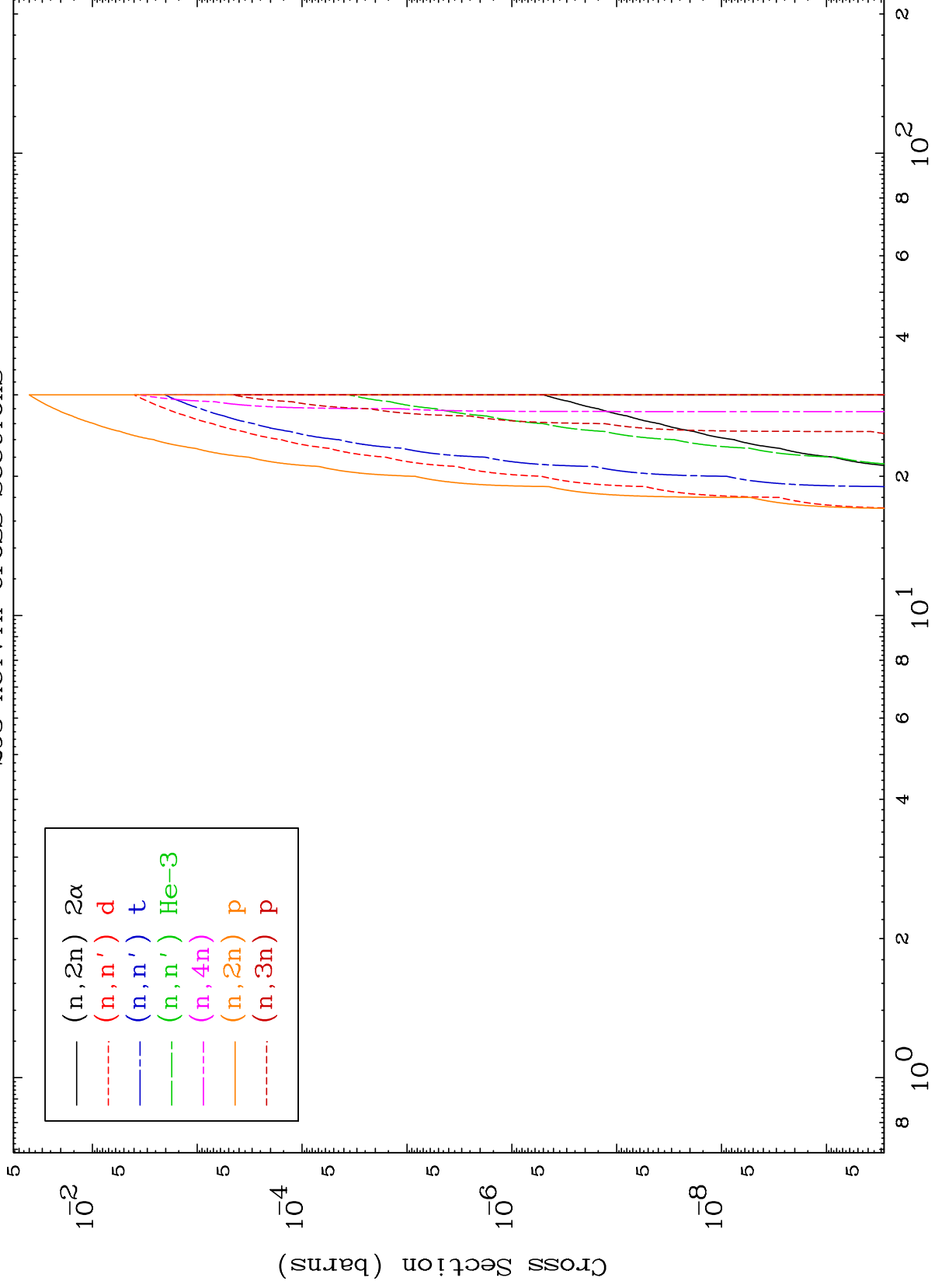
80-Hg-190



MAT 8007

Neutron Production
293 Kelvin Cross Sections

80-Hg-190



3

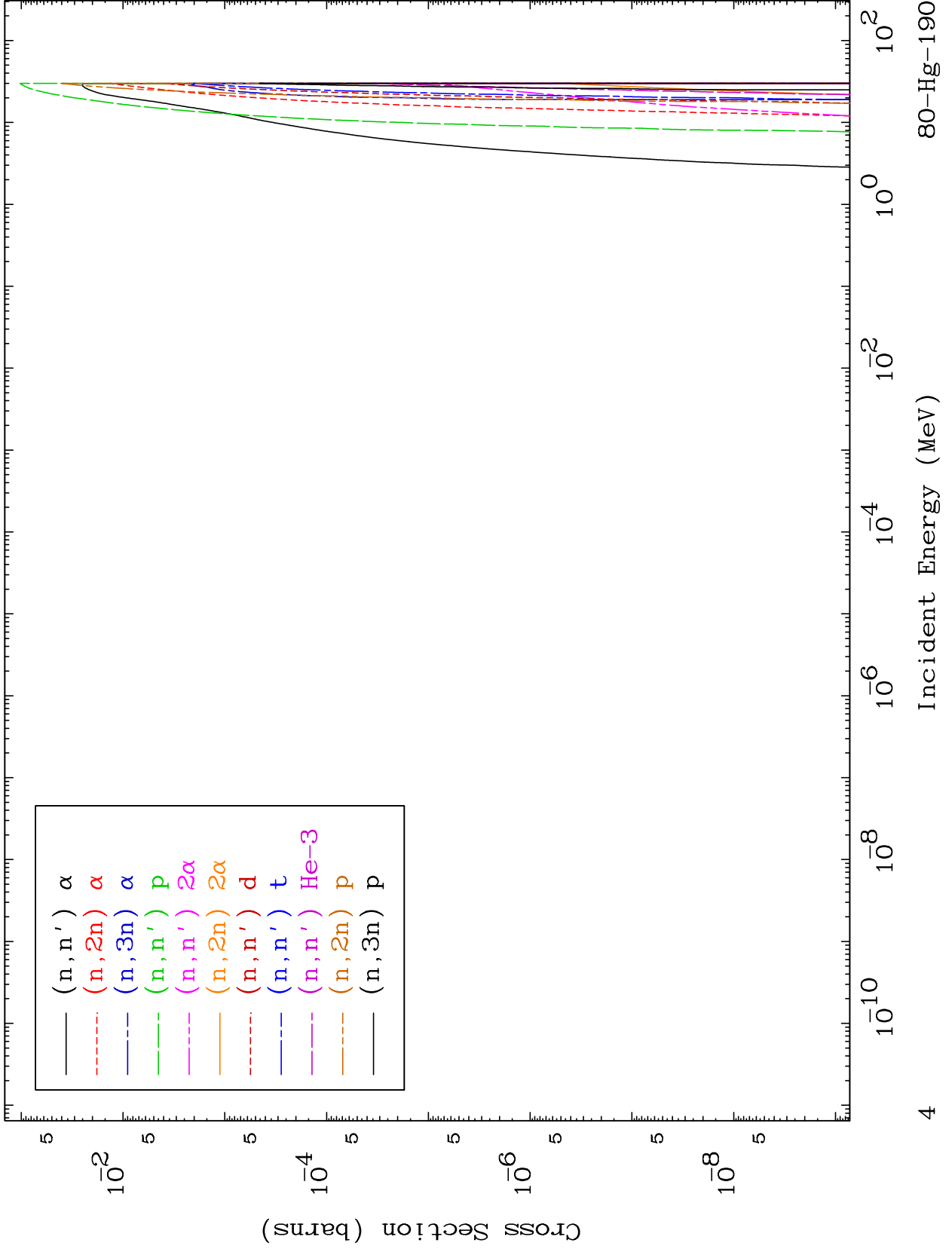
Incident Energy (MeV)

80-Hg-190

MAT 8007

Charged Particle
293 Kelvin Cross Sections

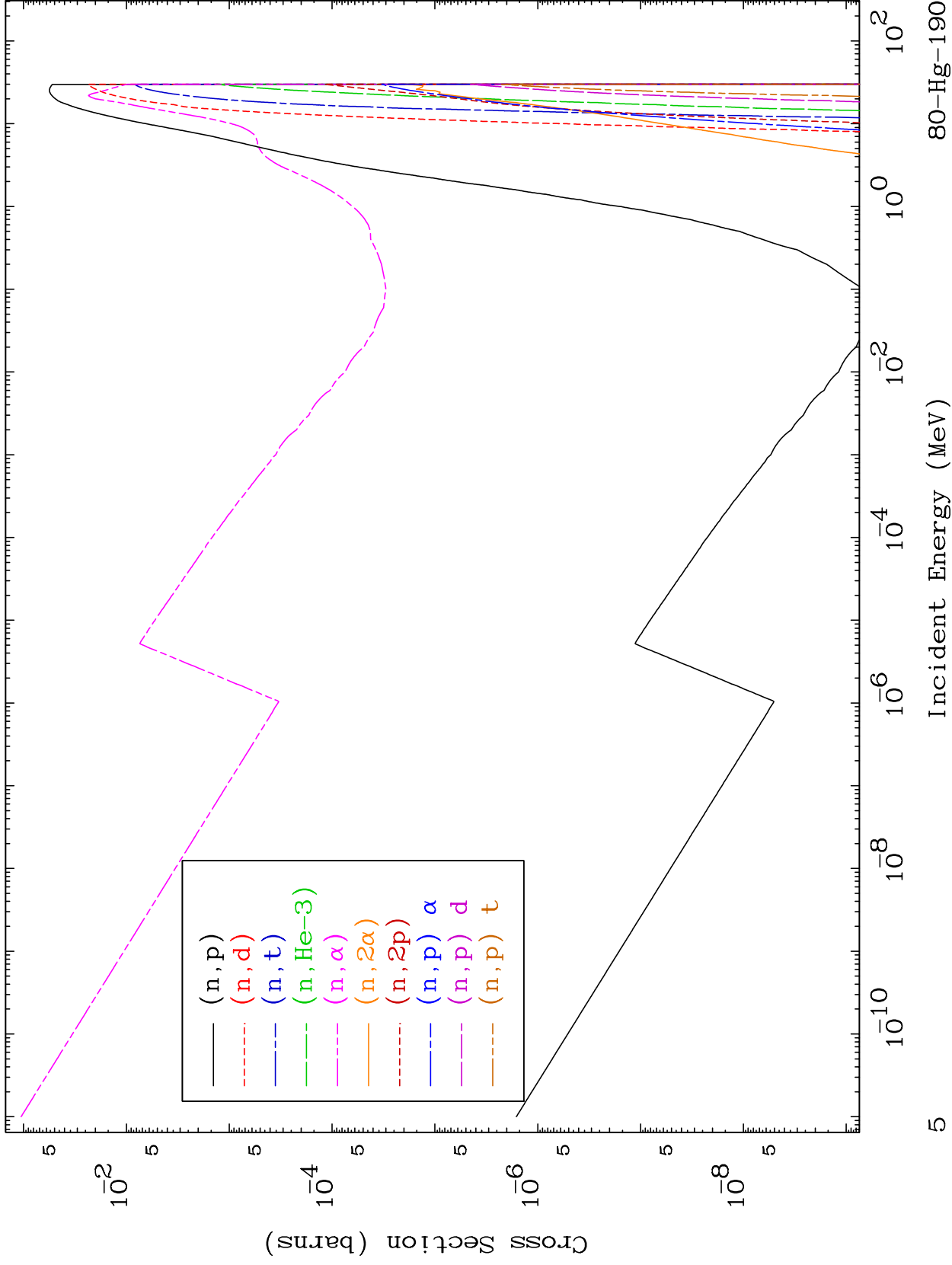
80-Hg-190



MAT 8007

Charged Particle
293 Kelvin Cross Sections

80-Hg-190

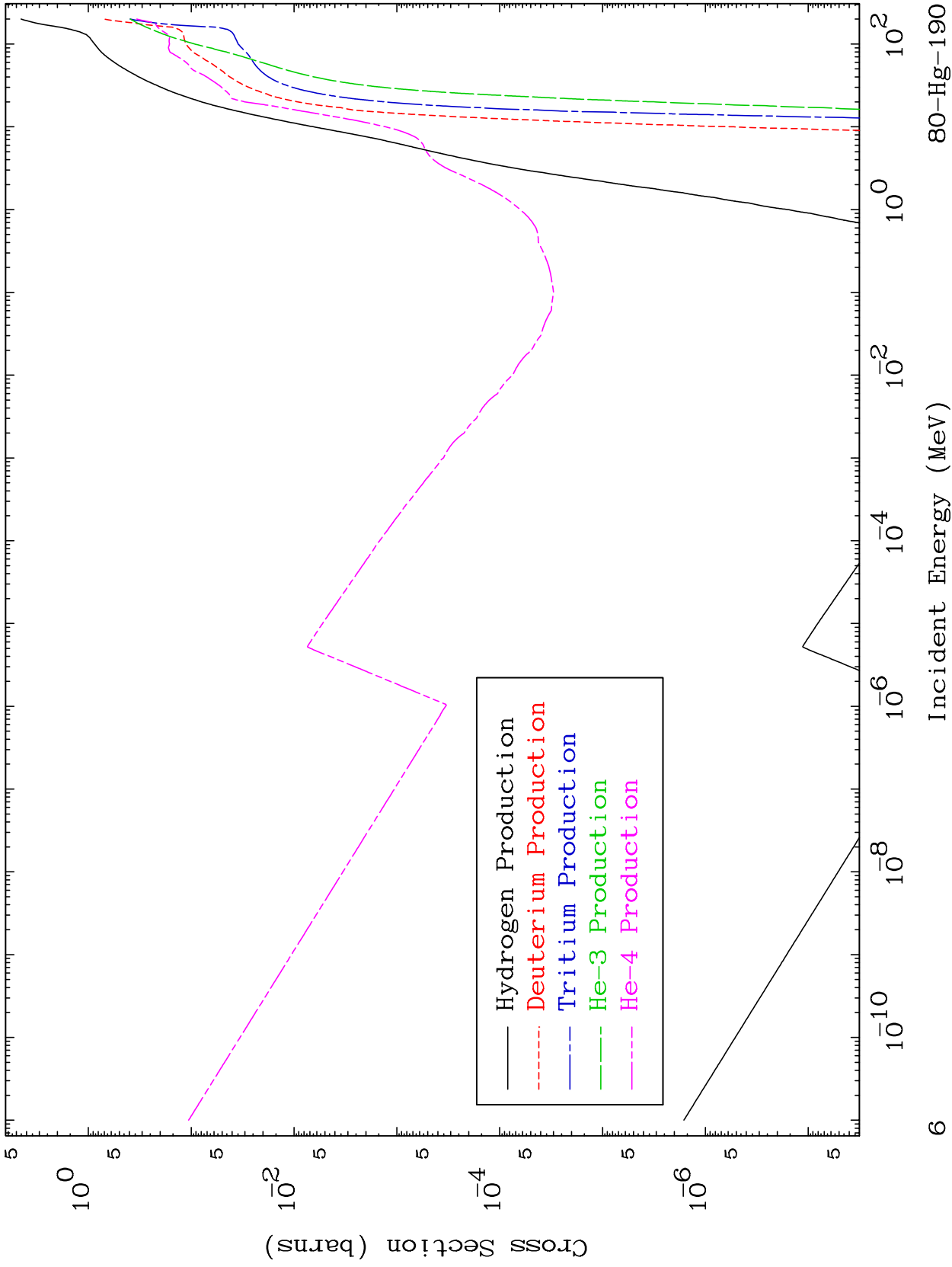


5

MAT 8007

Particle Production
293 Kelvin Cross Sections

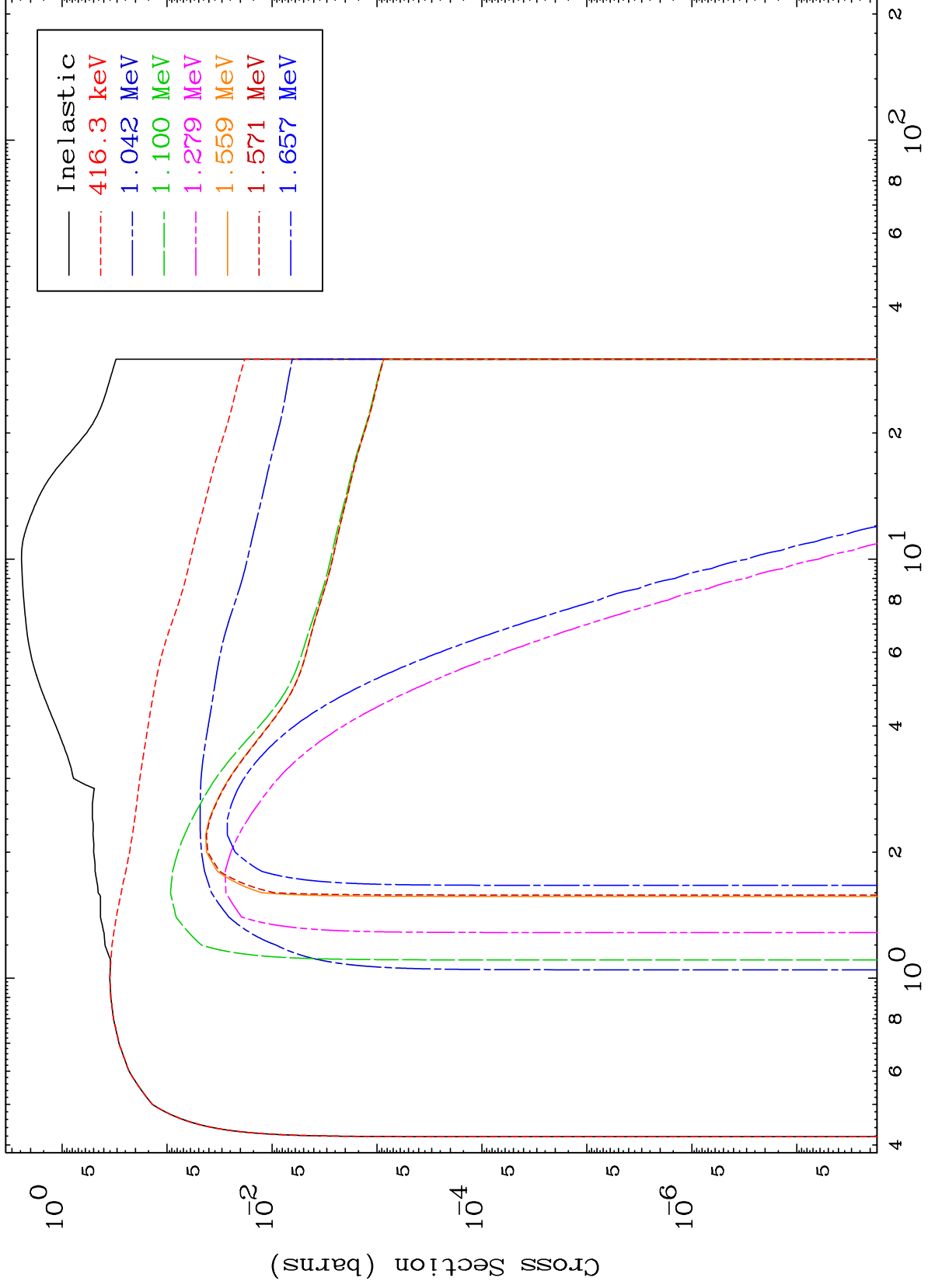
80-Hg-190



MAT 8007

(n,n') Level
293 Kelvin Cross Sections

80-Hg-190



7

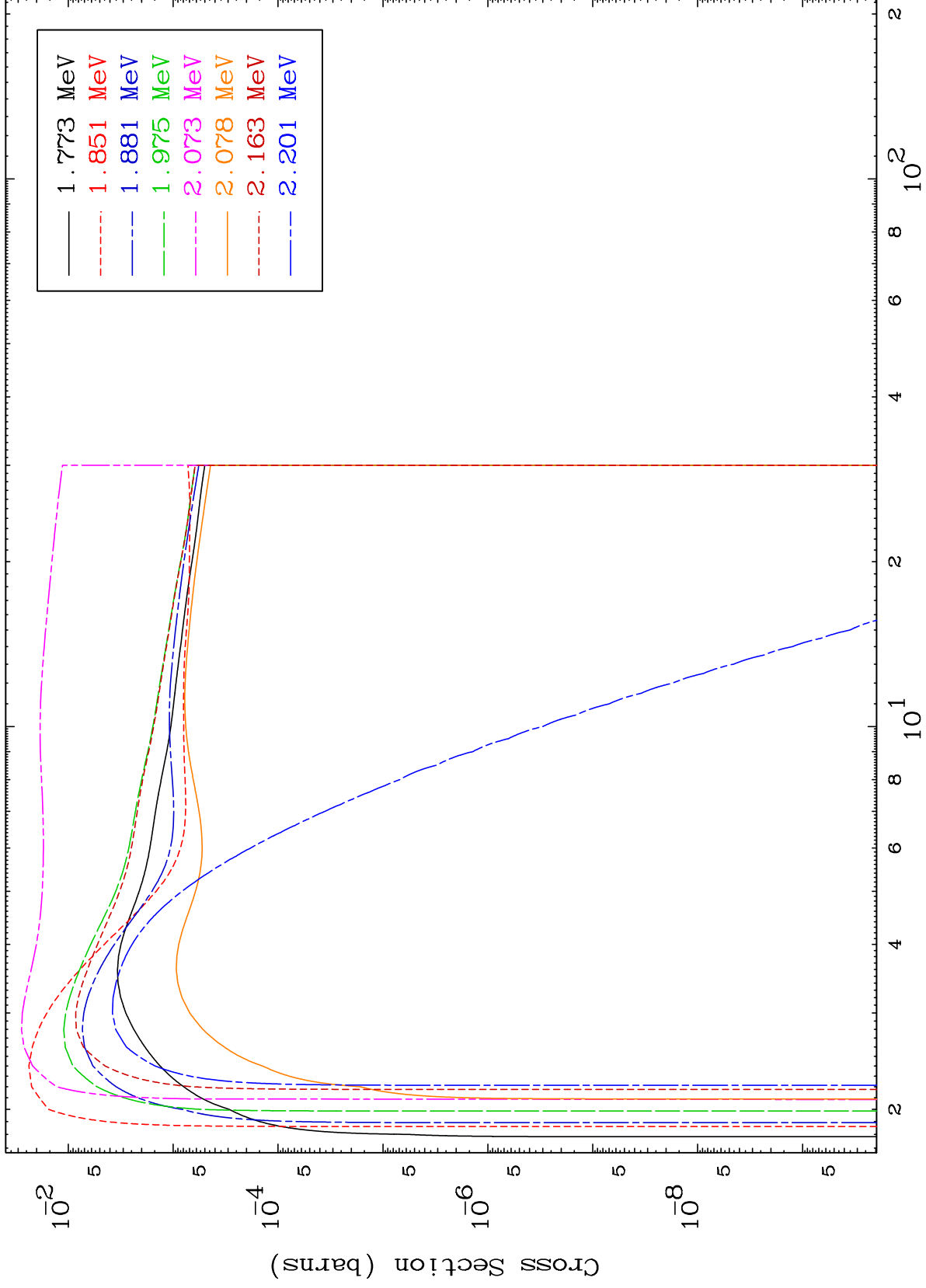
Incident Energy (MeV)

80-Hg-190

MAT 8007

(n,n') Level
293 Kelvin Cross Sections

80-Hg-190



8

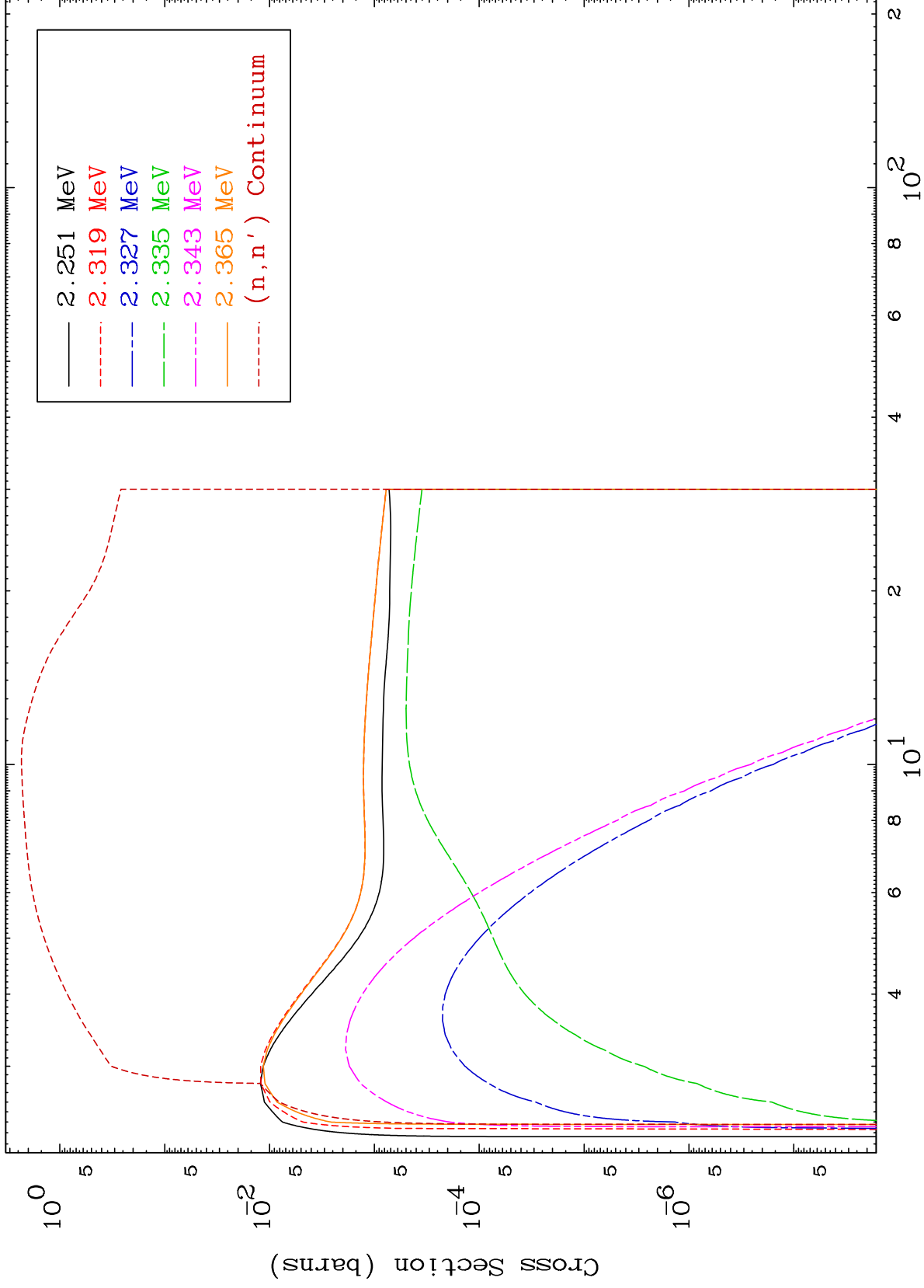
Incident Energy (MeV)

80-Hg-190

MAT 8007

(n,n') Level
293 Kelvin Cross Sections

80-Hg-190



9

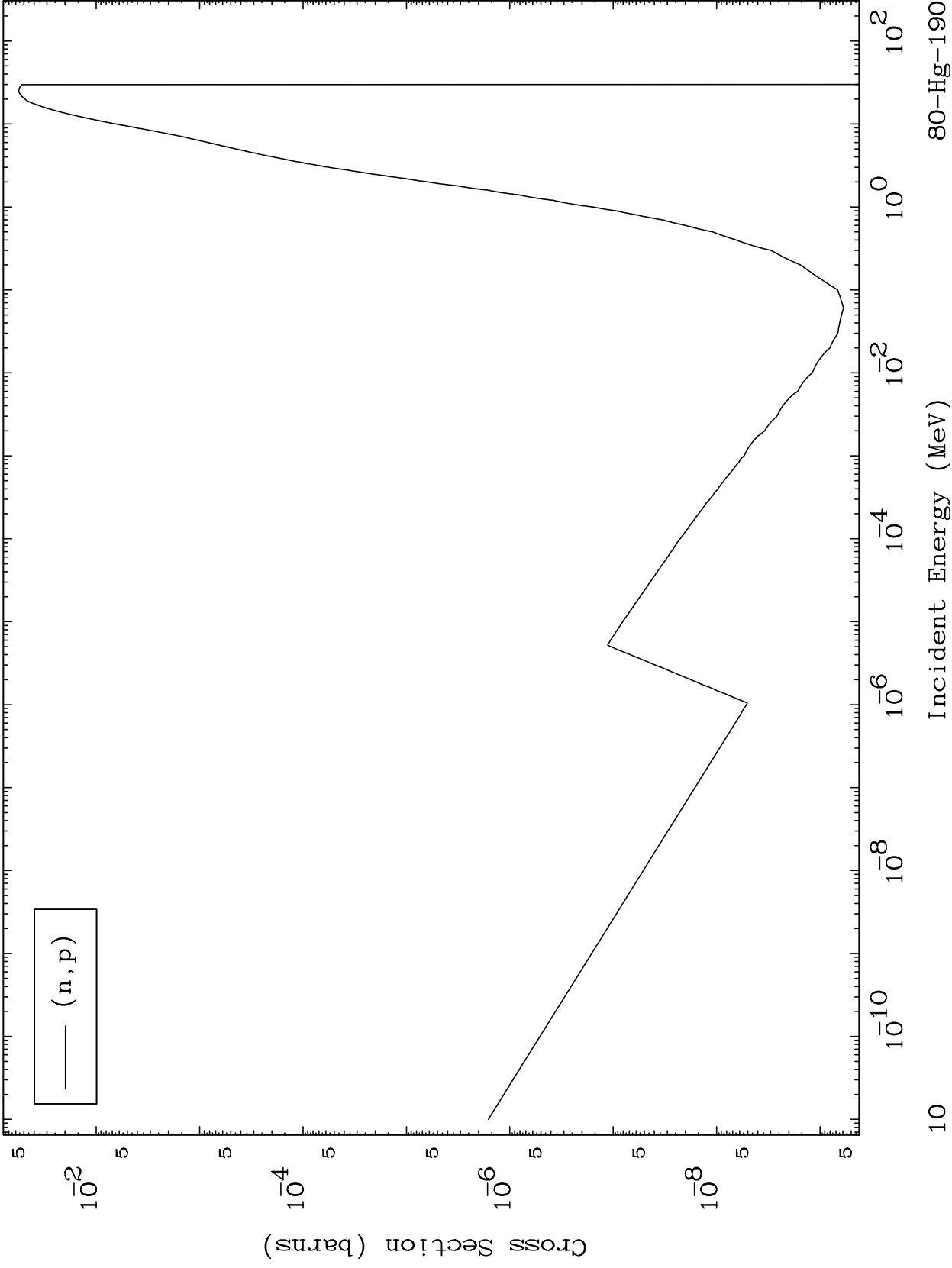
Incident Energy (MeV)

80-Hg-190

MAT 8007

(n,p) Levels
293 Kelvin Cross Sections

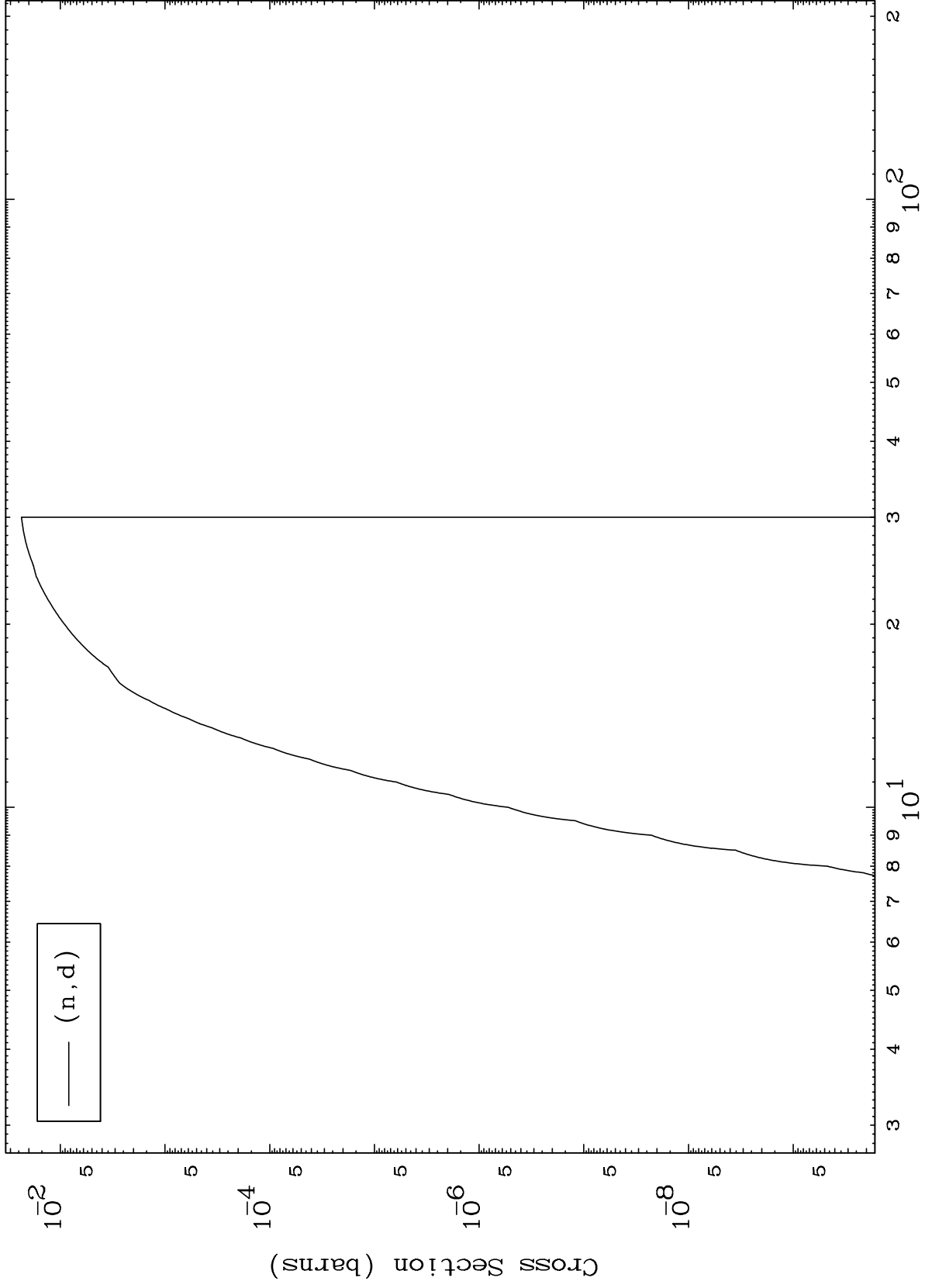
80-Hg-190

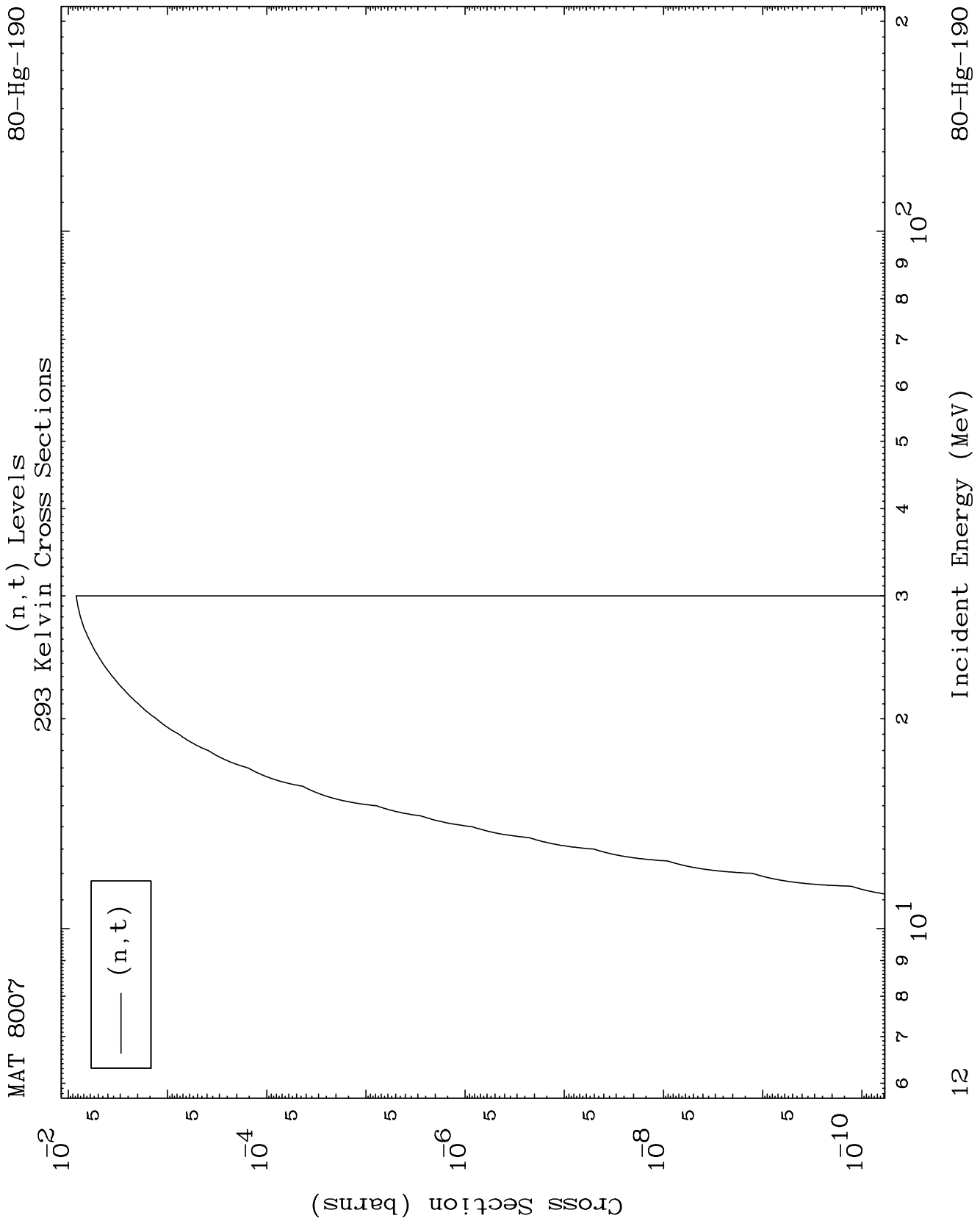


MAT 8007

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-190

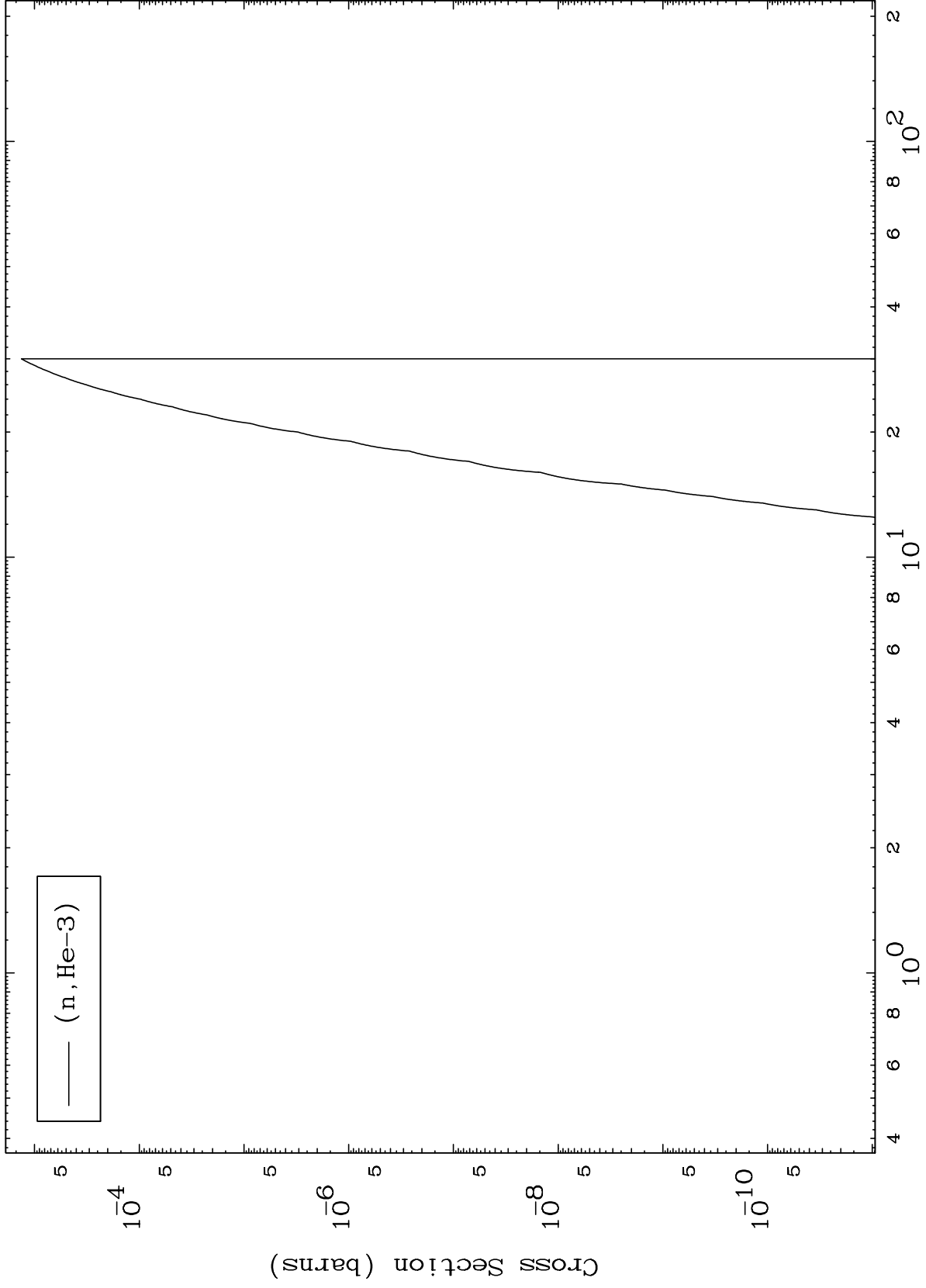




MAT 8007

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-190



13

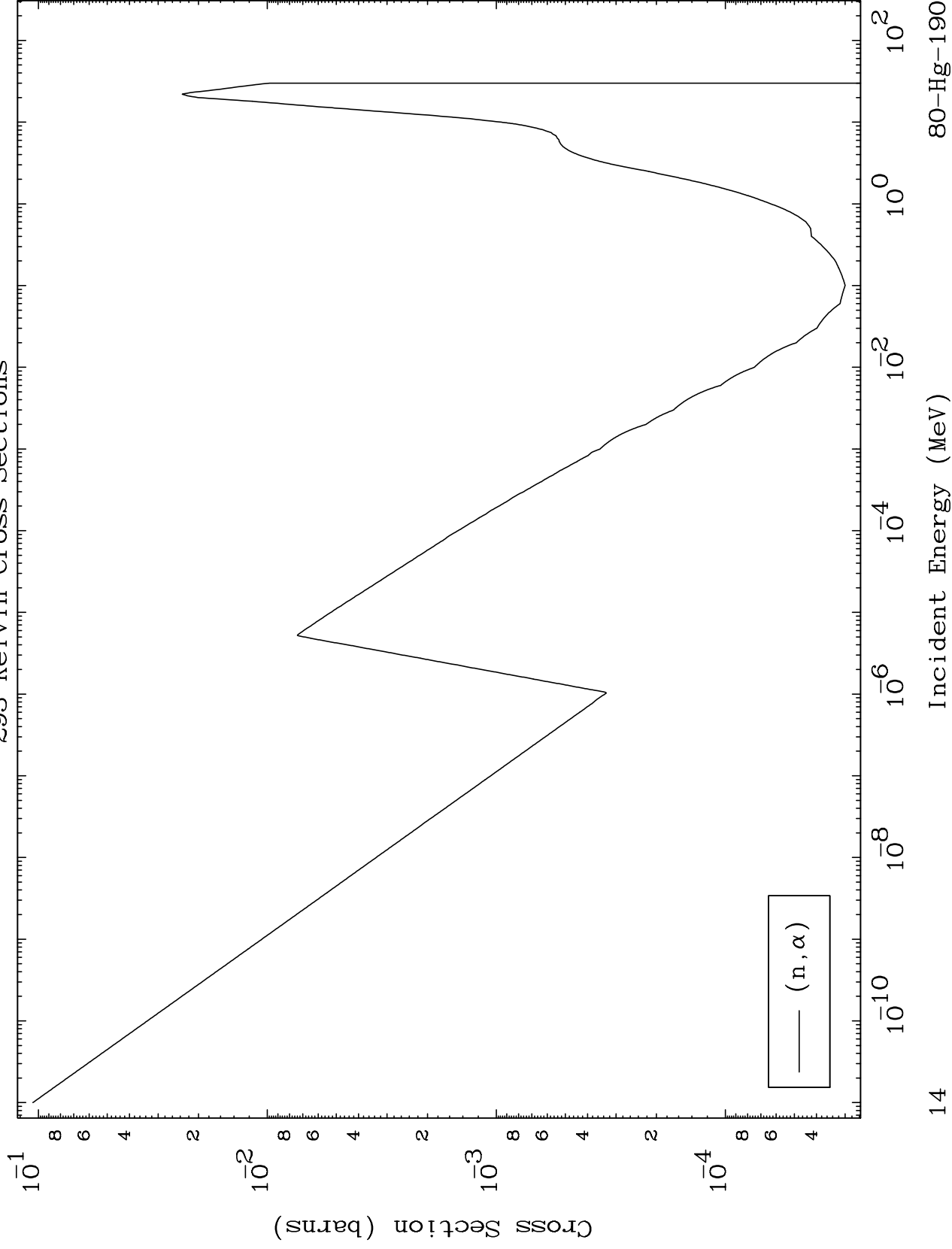
Incident Energy (MeV)

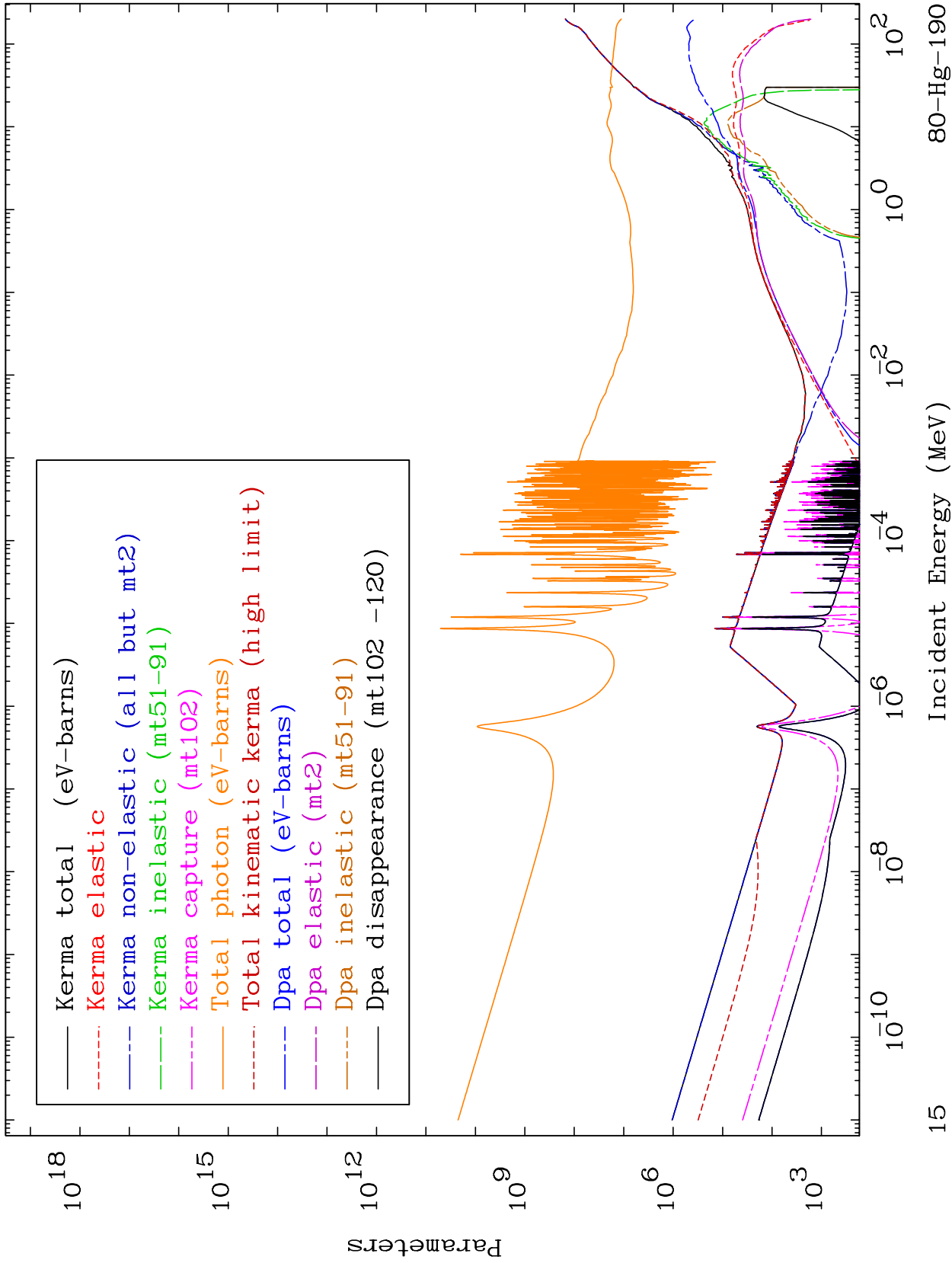
80-Hg-190

MAT 8007

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-190

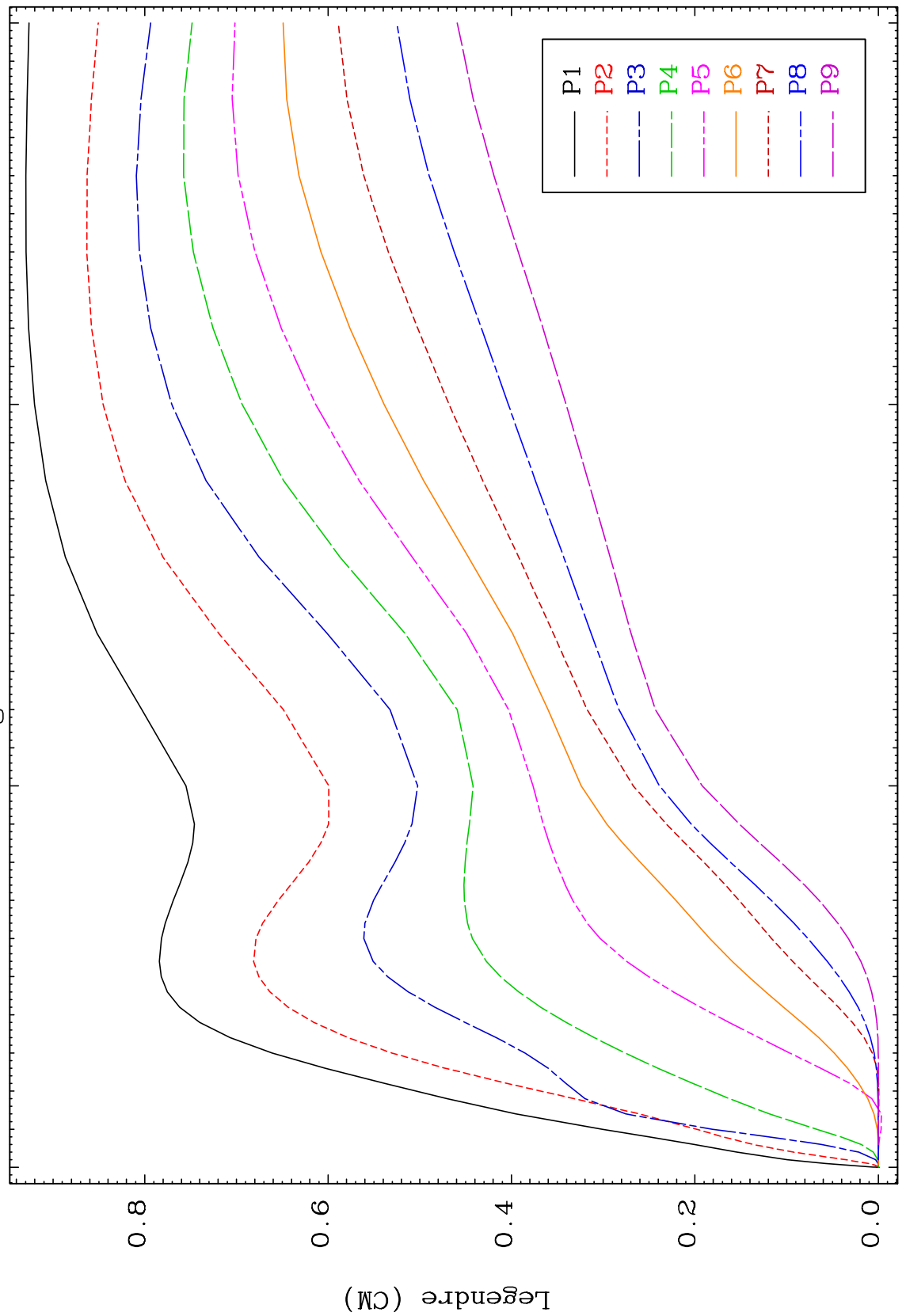




MAT 8007

Elastic Legendre Coefficients

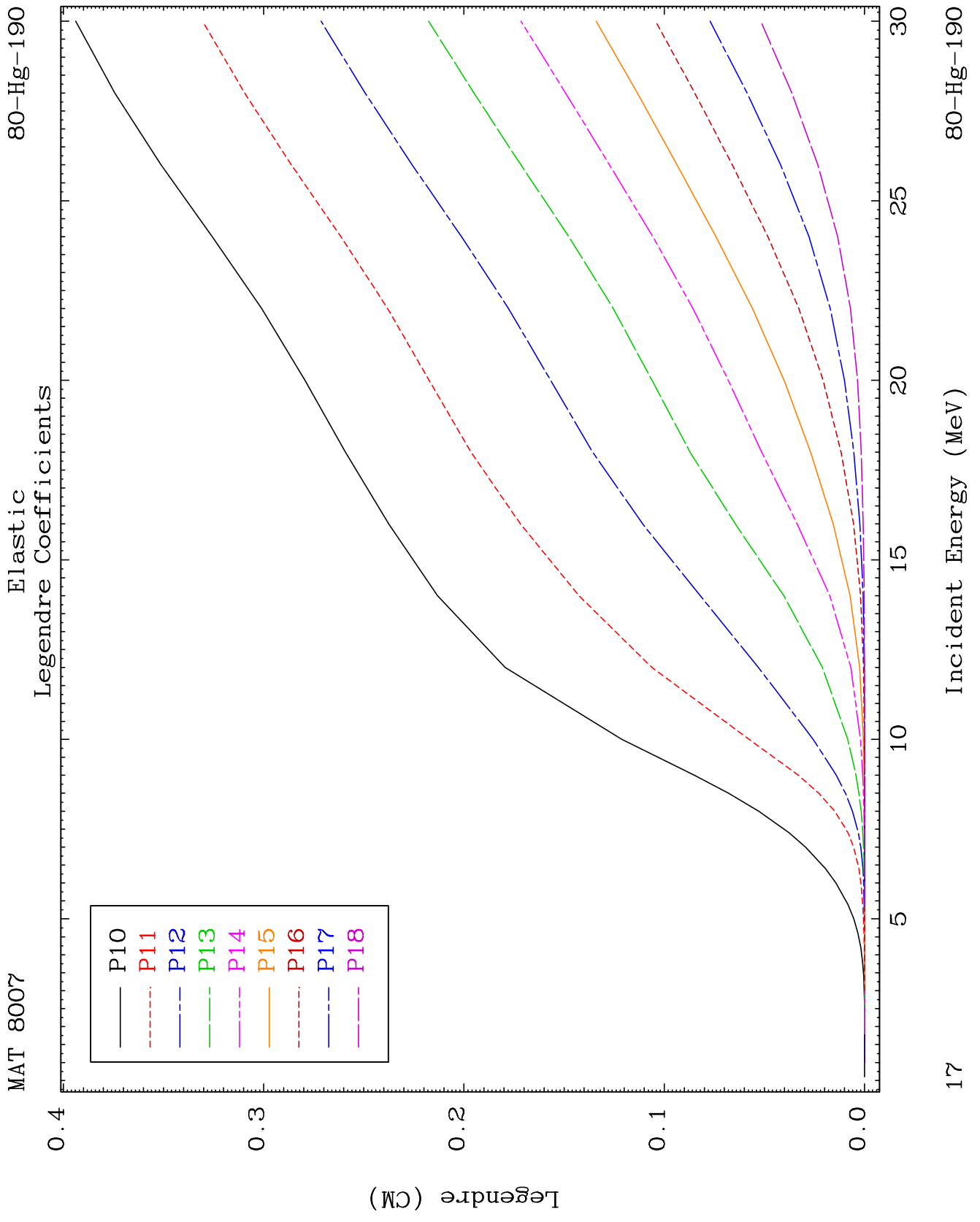
80-Hg-190



16

Incident Energy (MeV)

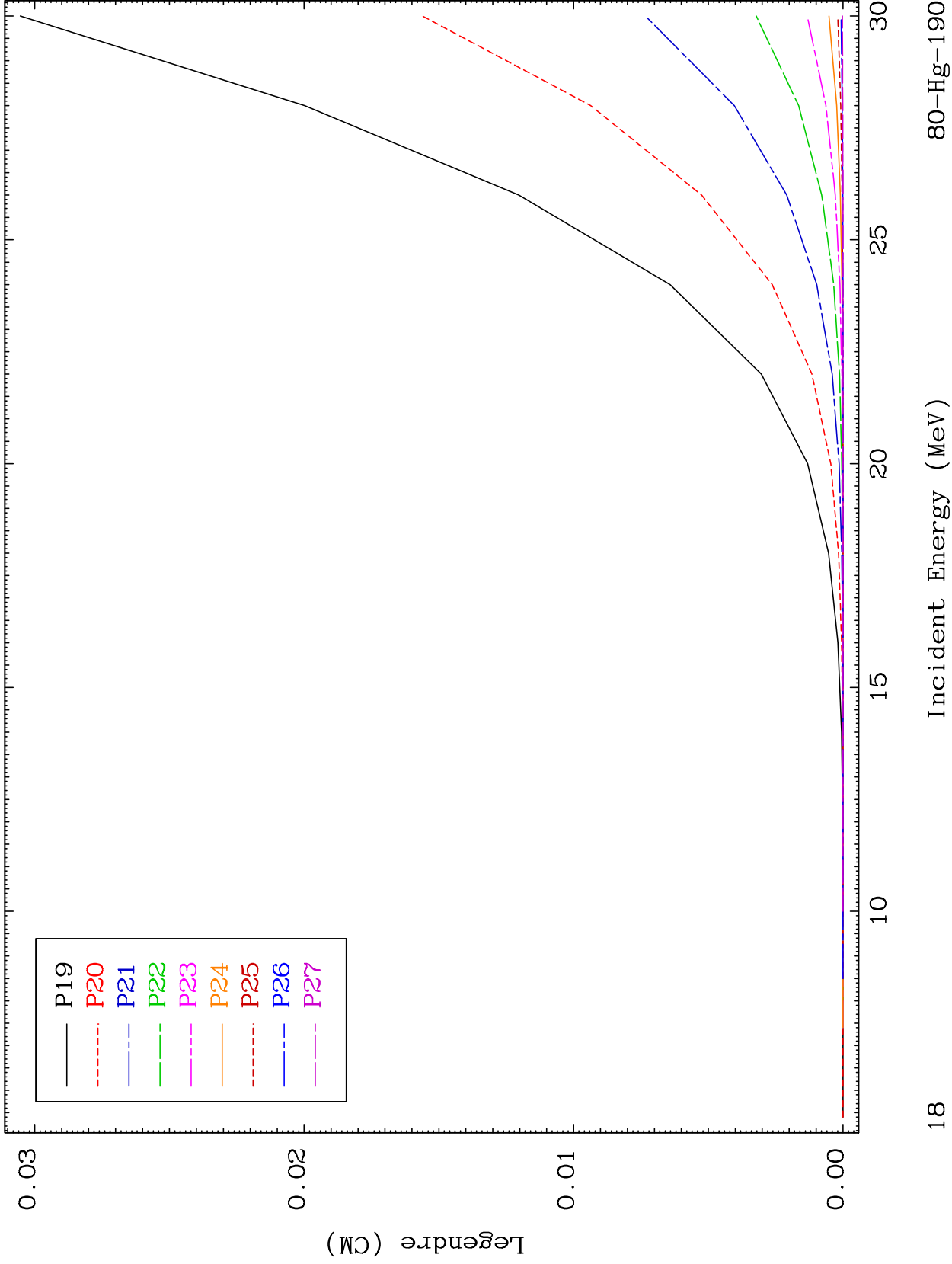
80-Hg-190



MAT 8007

Elastic
Legendre Coefficients

80-Hg-190



18

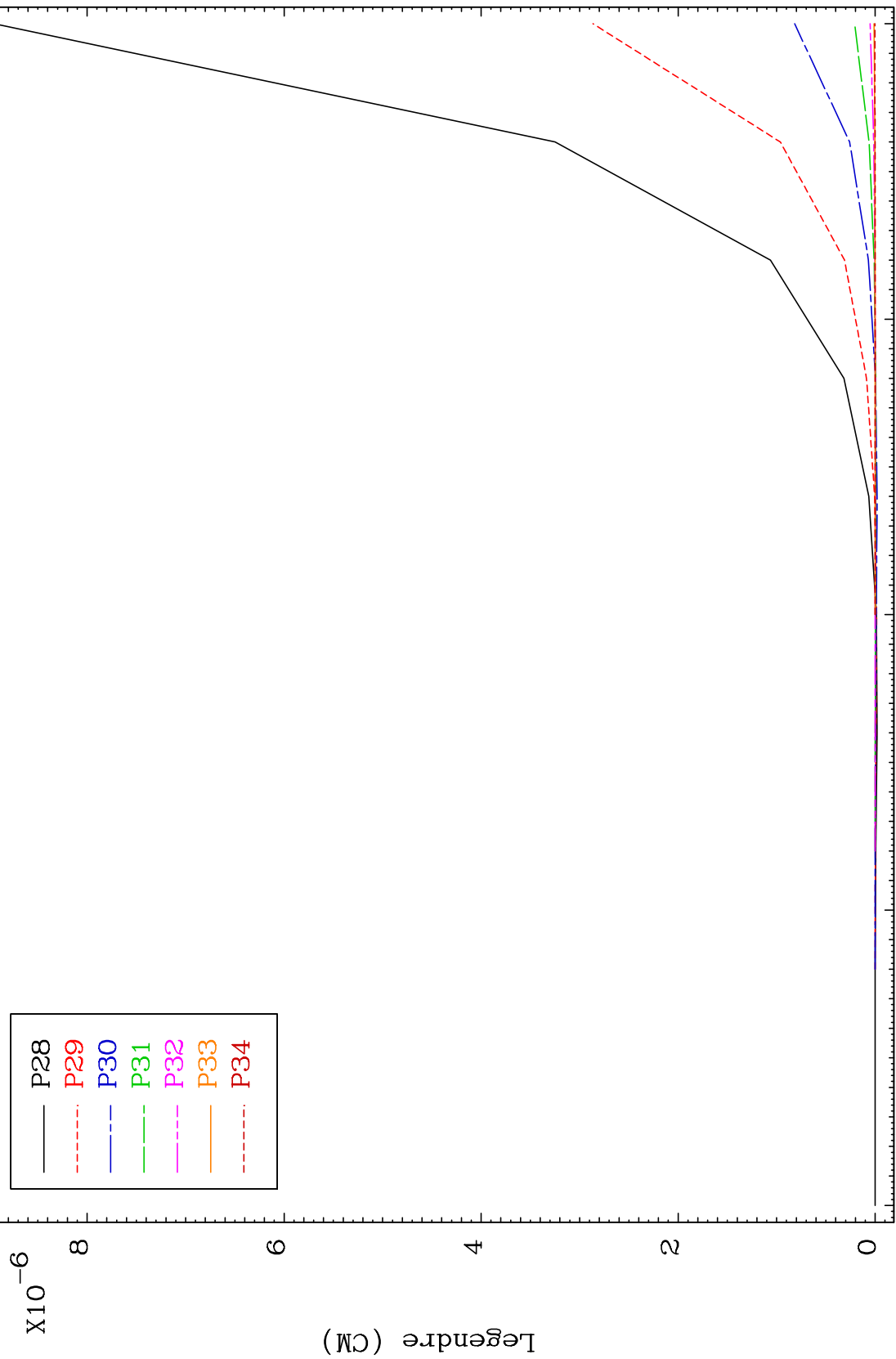
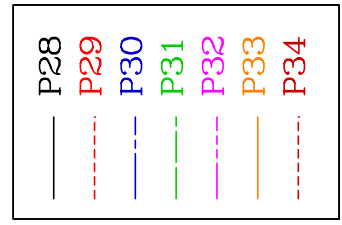
Incident Energy (MeV)

80-Hg-190

MAT 8007

Elastic Legendre Coefficients

80-Hg-190



80-Hg-190

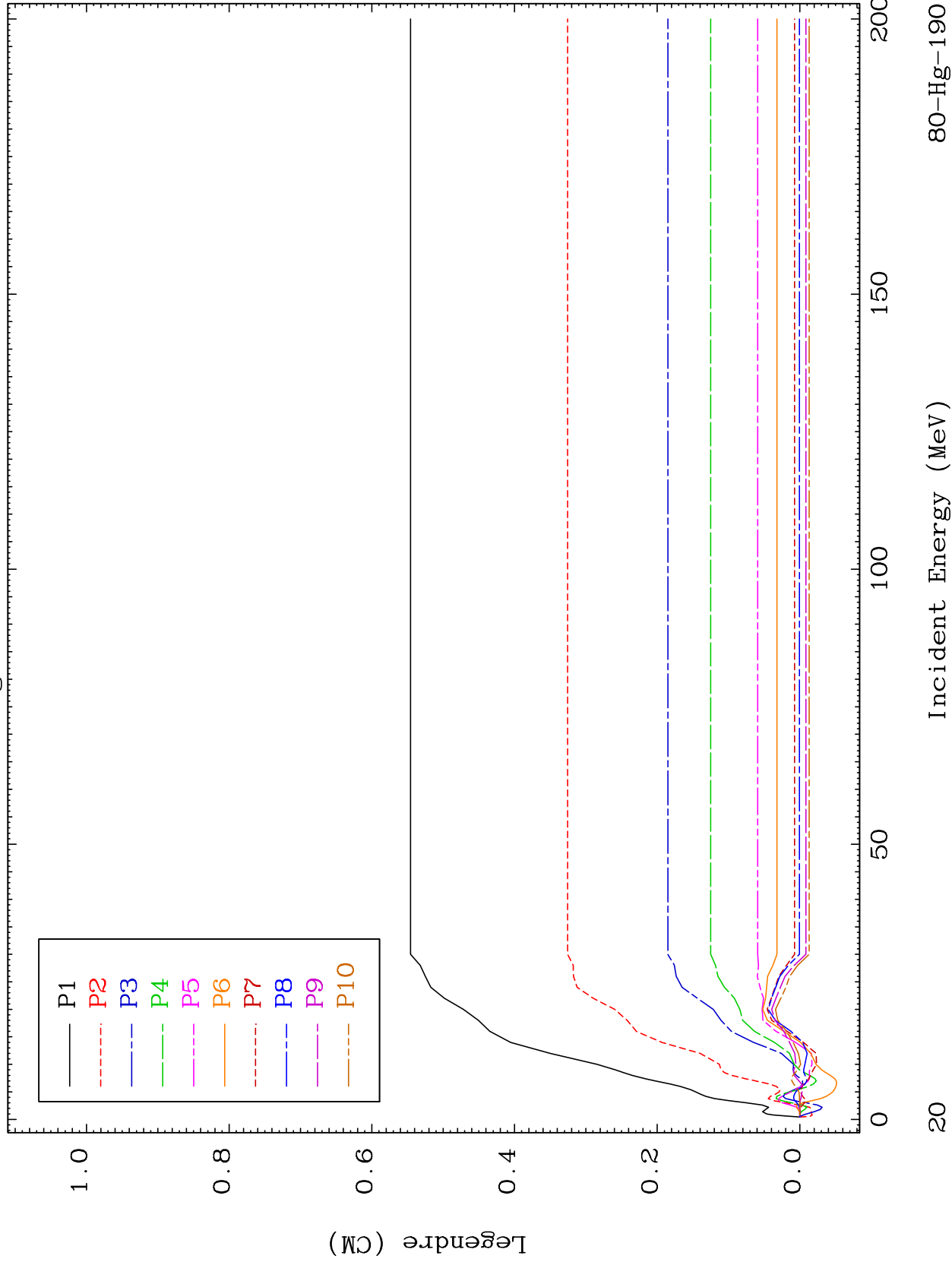
Incident Energy (MeV)

19

MAT 8007

416.3 keV (n,n') Level
Legendre Coefficients

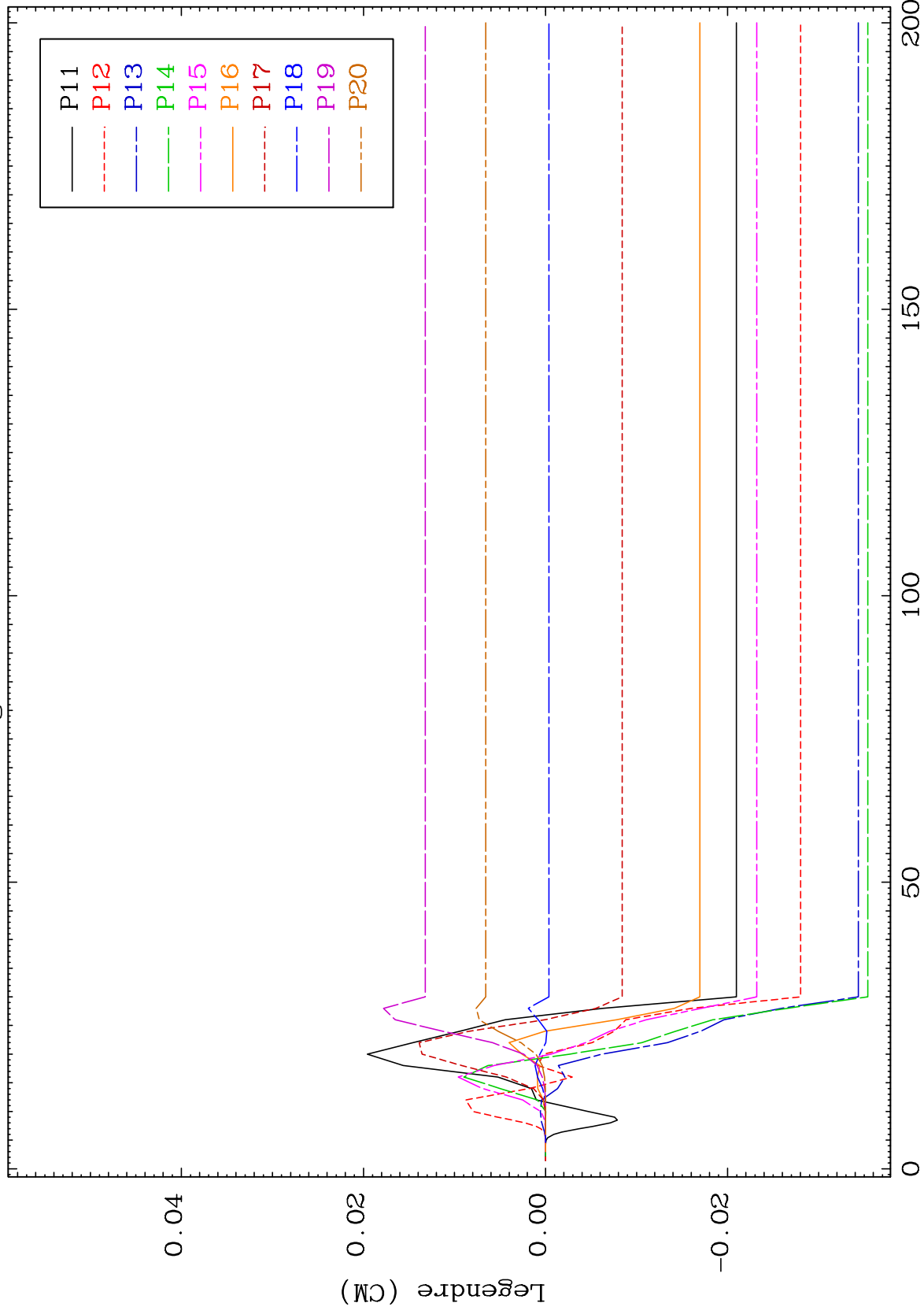
80-Hg-190



MAT 8007

416.3 keV (n,n') Level
Legendre Coefficients

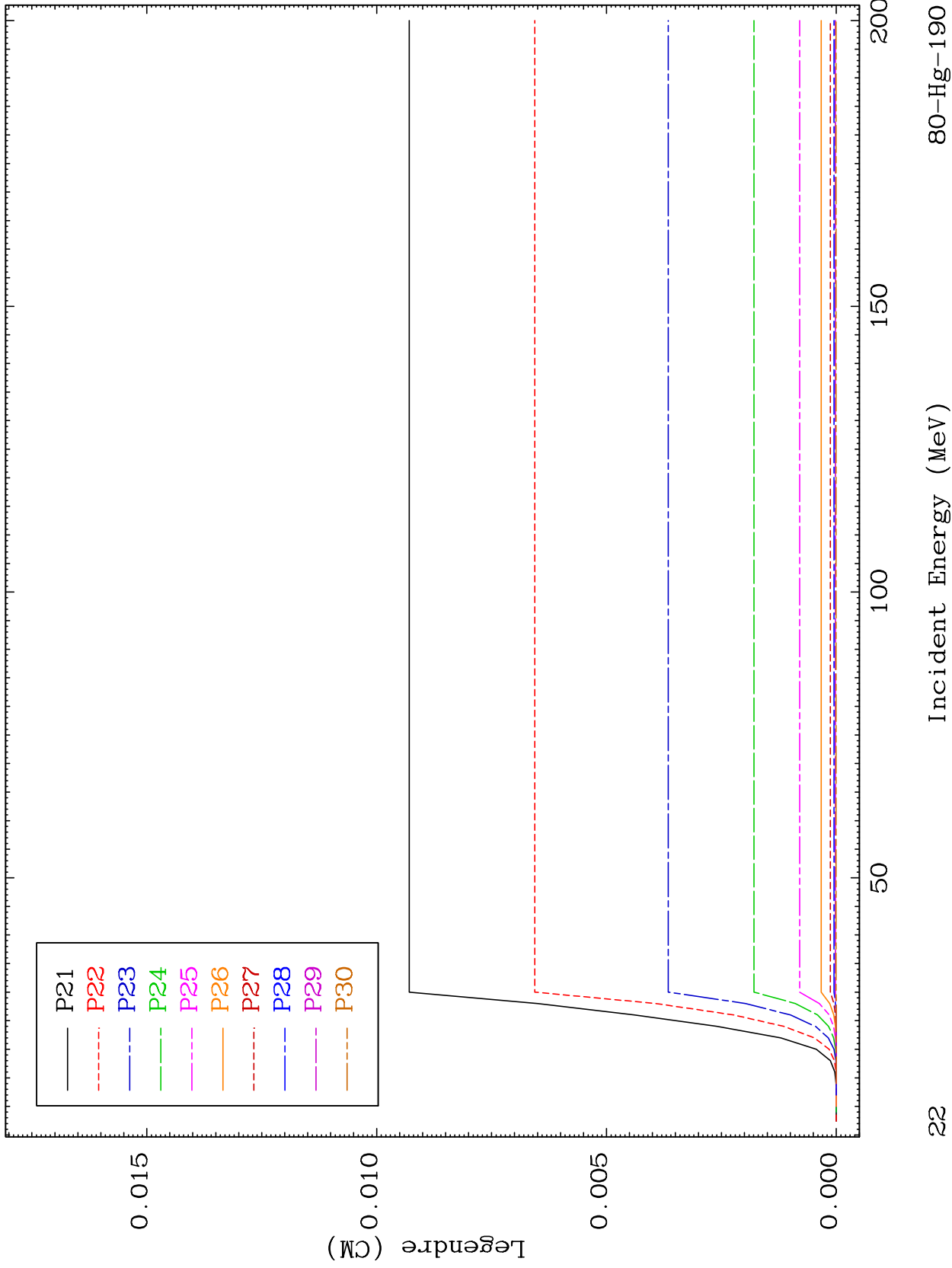
80-Hg-190



MAT 8007

416.3 keV (n, n') Level
Legendre Coefficients

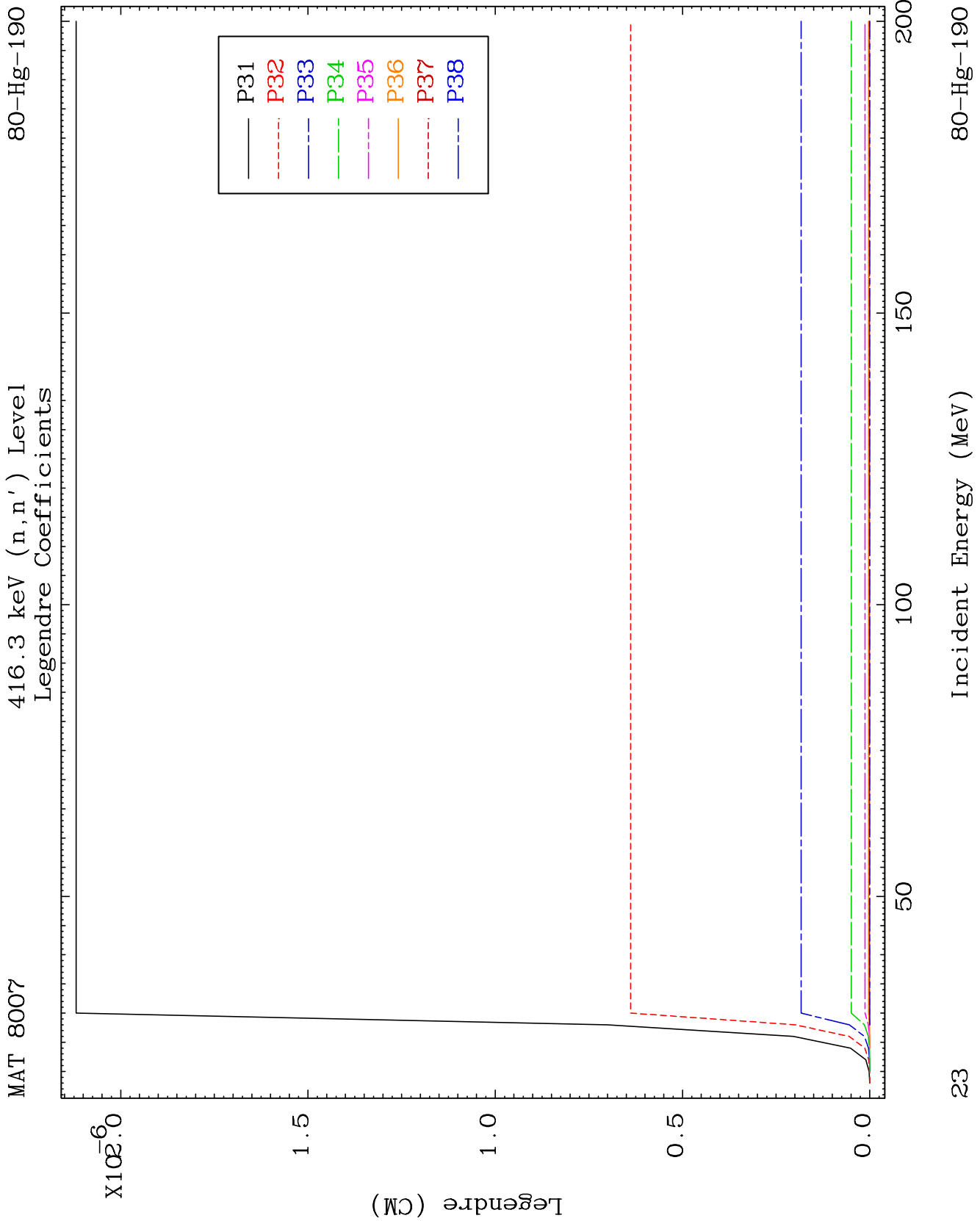
80-Hg-190

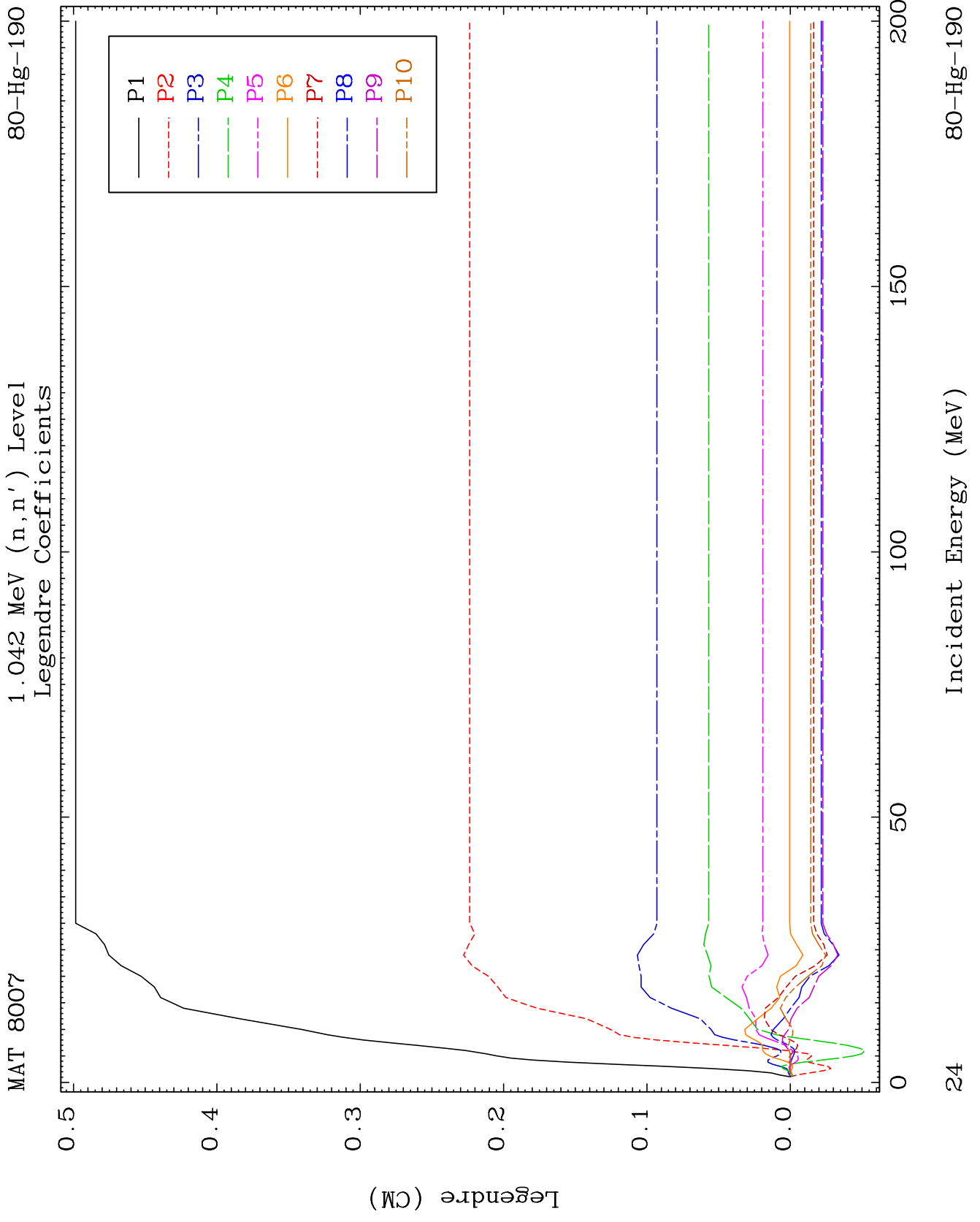


22

Incident Energy (MeV)

80-Hg-190

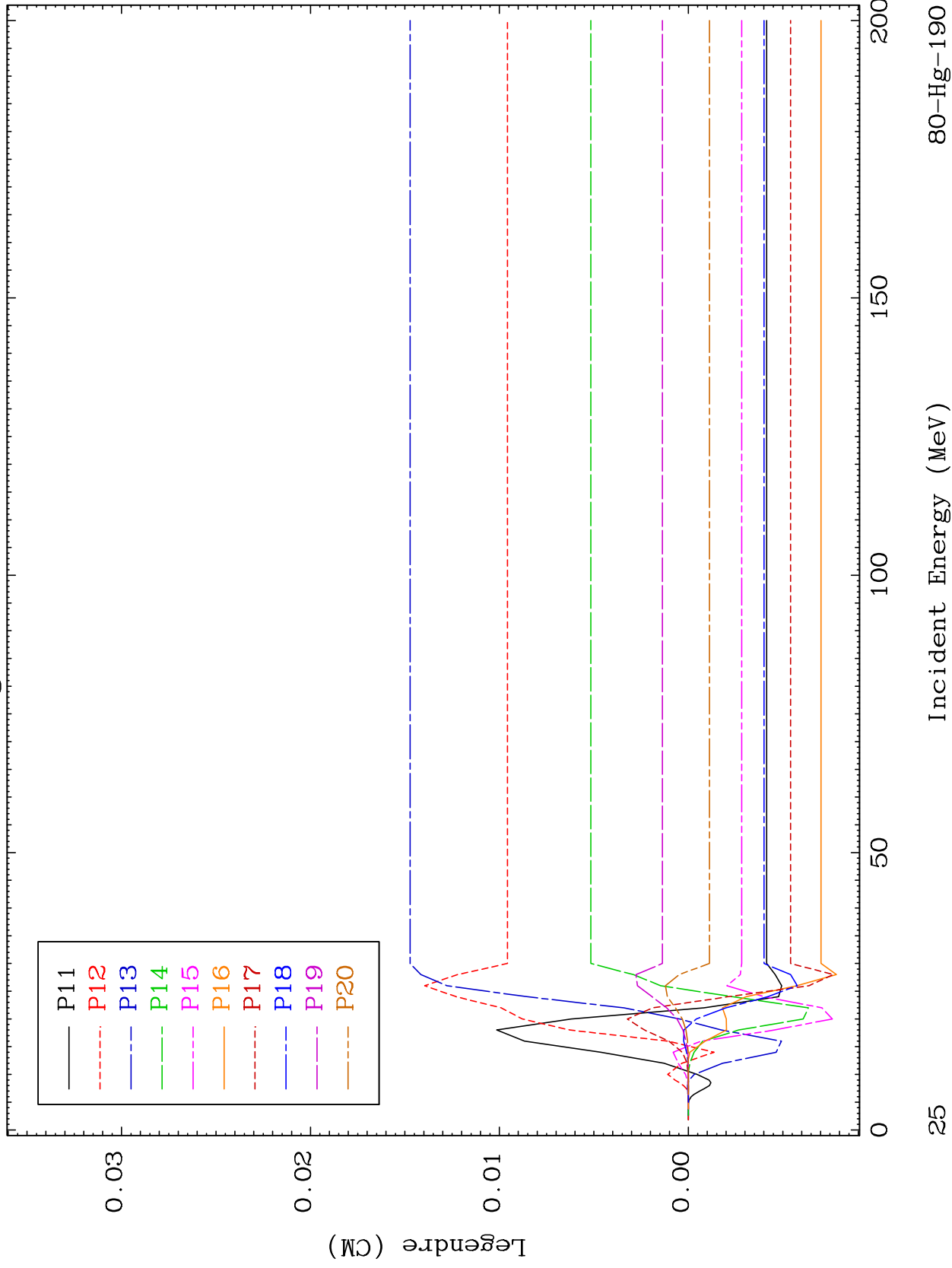




MAT 8007

1.042 MeV (n,n') Level
Legendre Coefficients

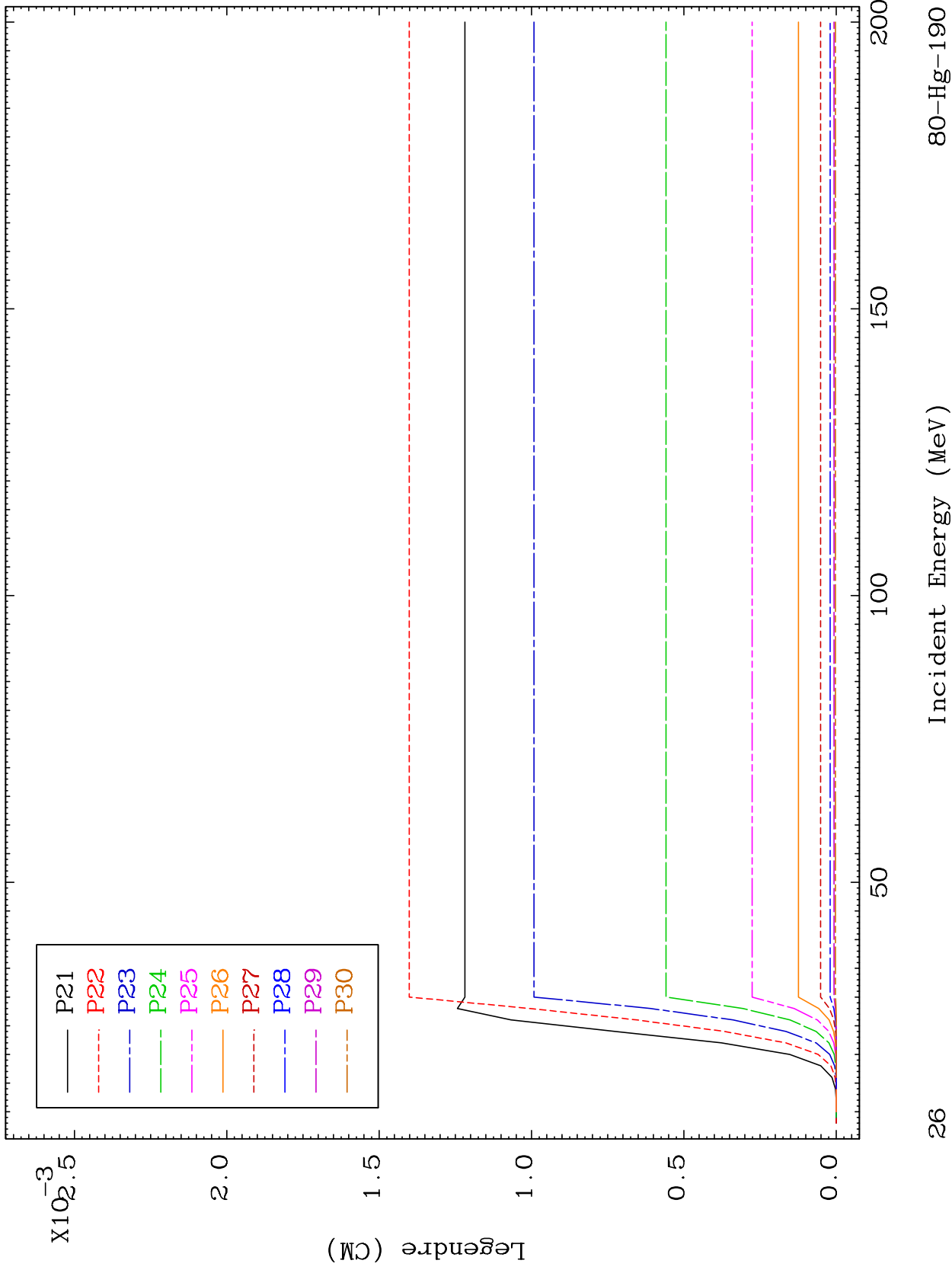
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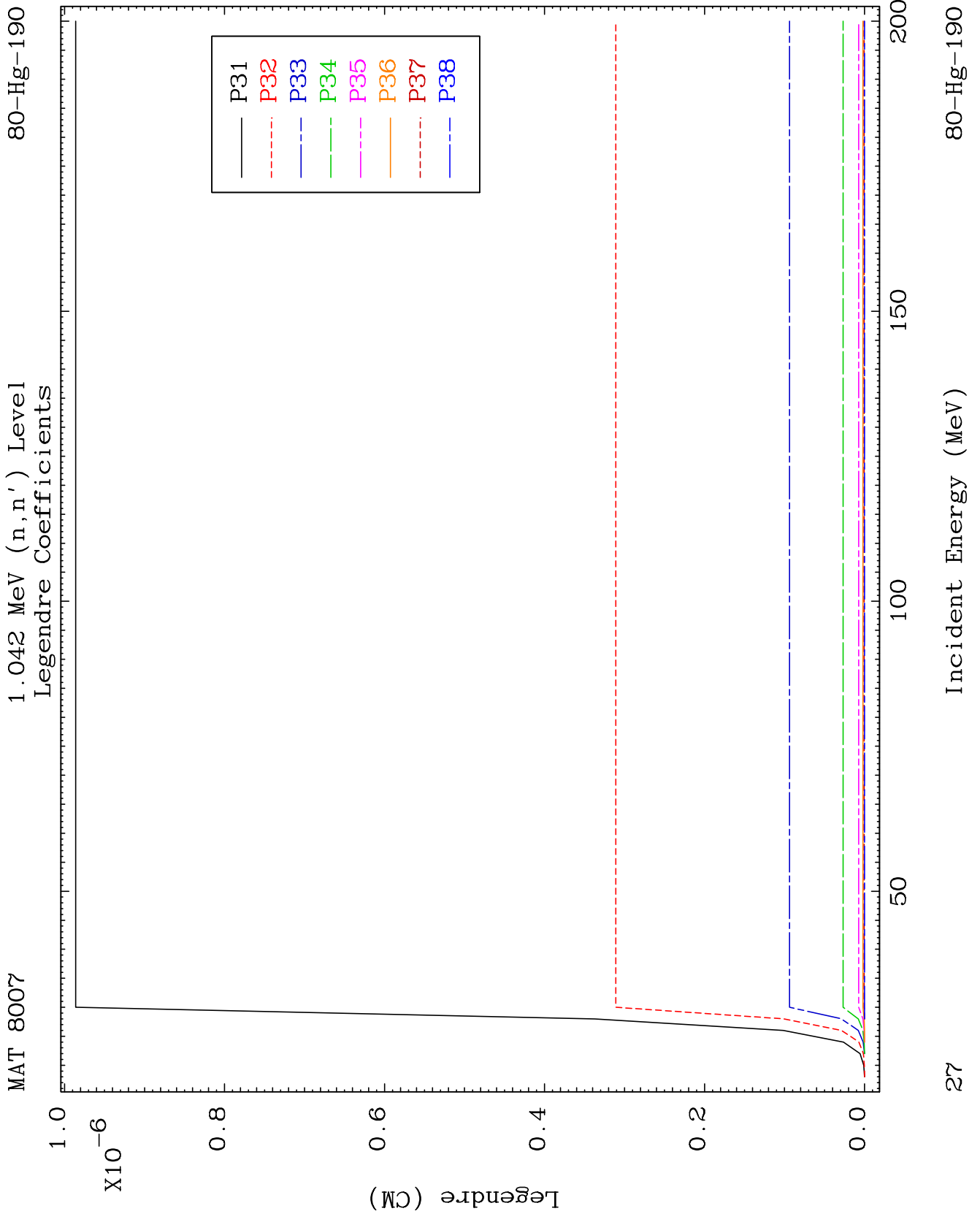
MAT 8007

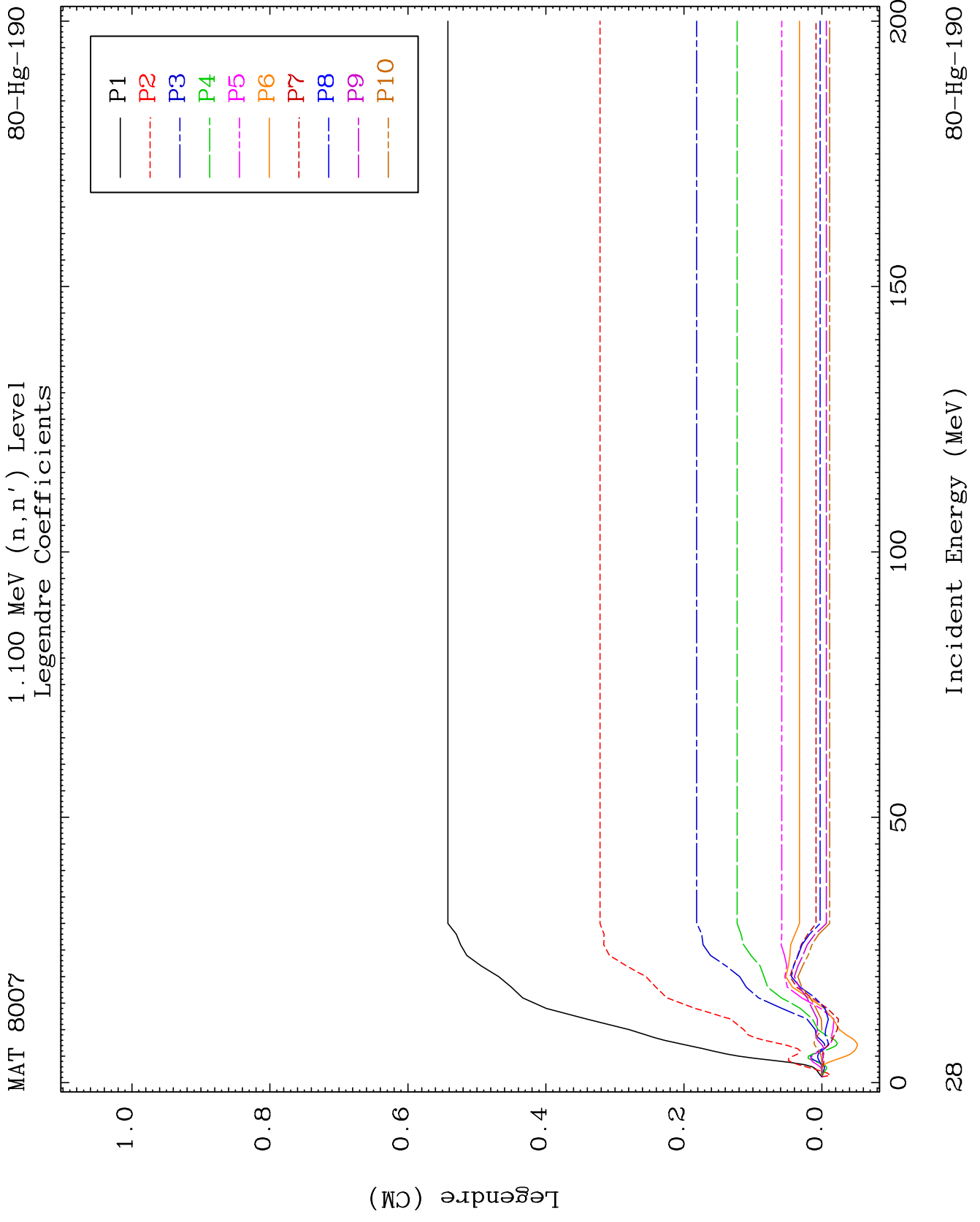
1.042 MeV (n,n') Level
Legendre Coefficients

80-Hg-190



26

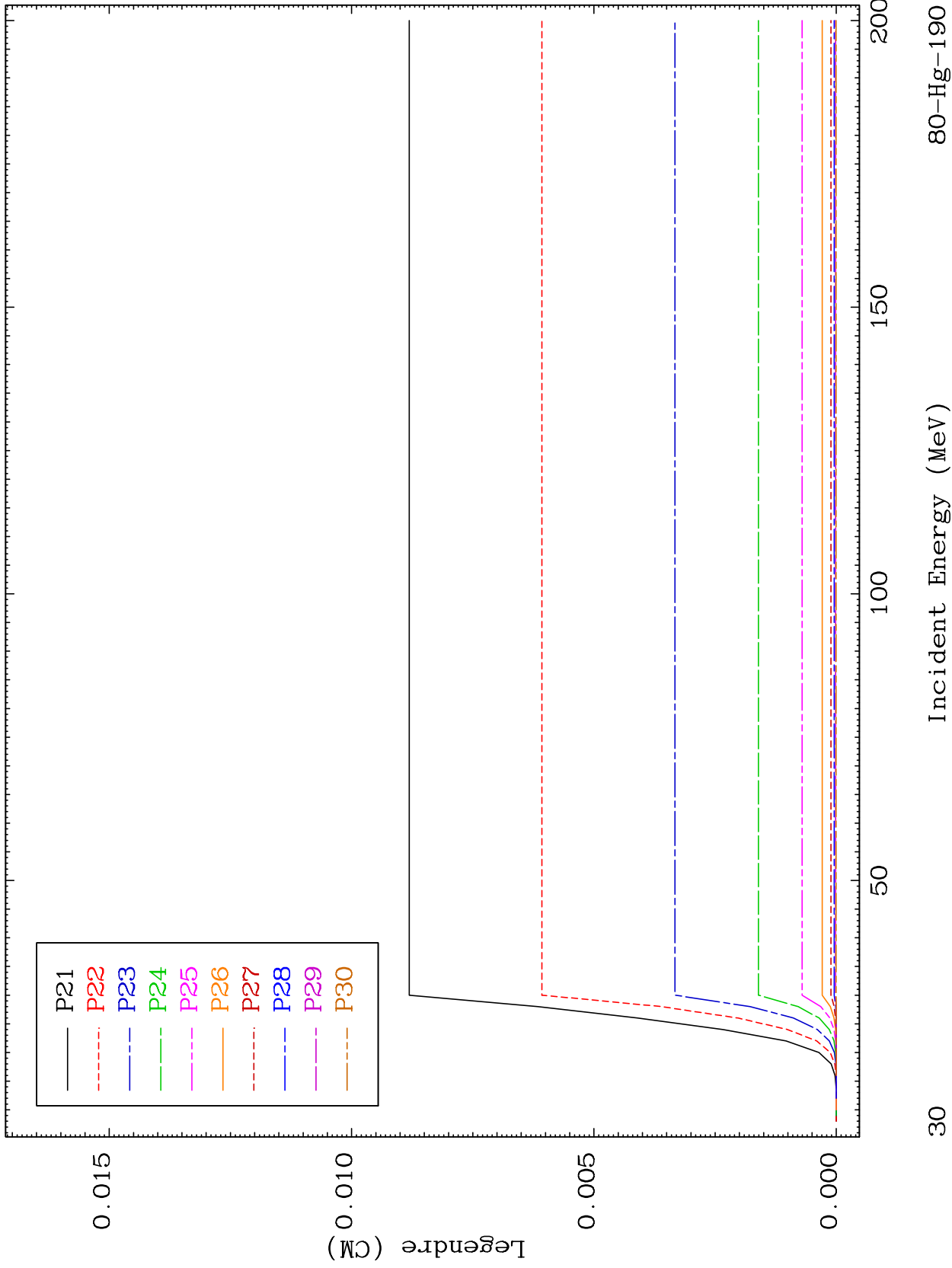




MAT 8007

1.100 MeV (n,n') Level
Legendre Coefficients

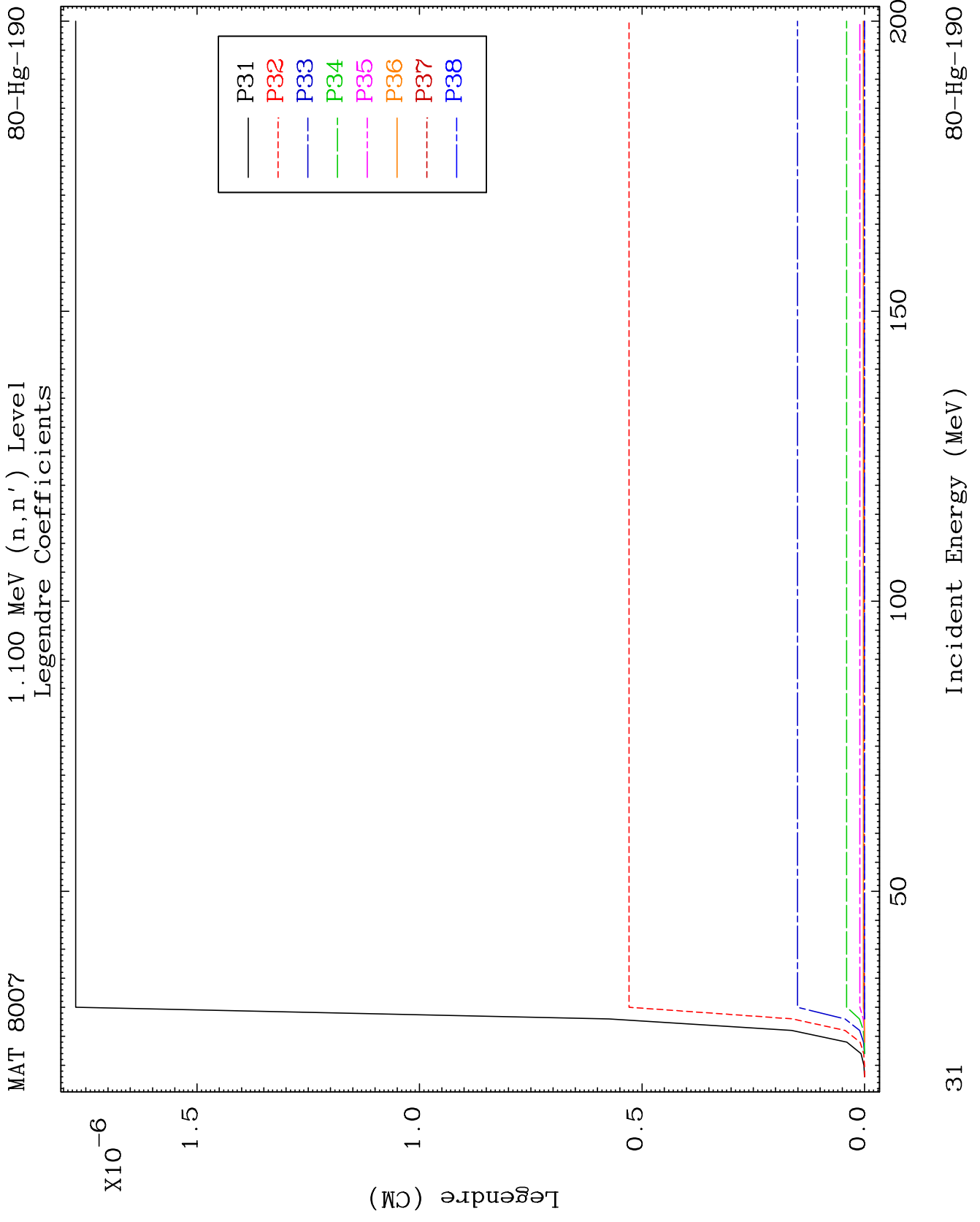
80-Hg-190

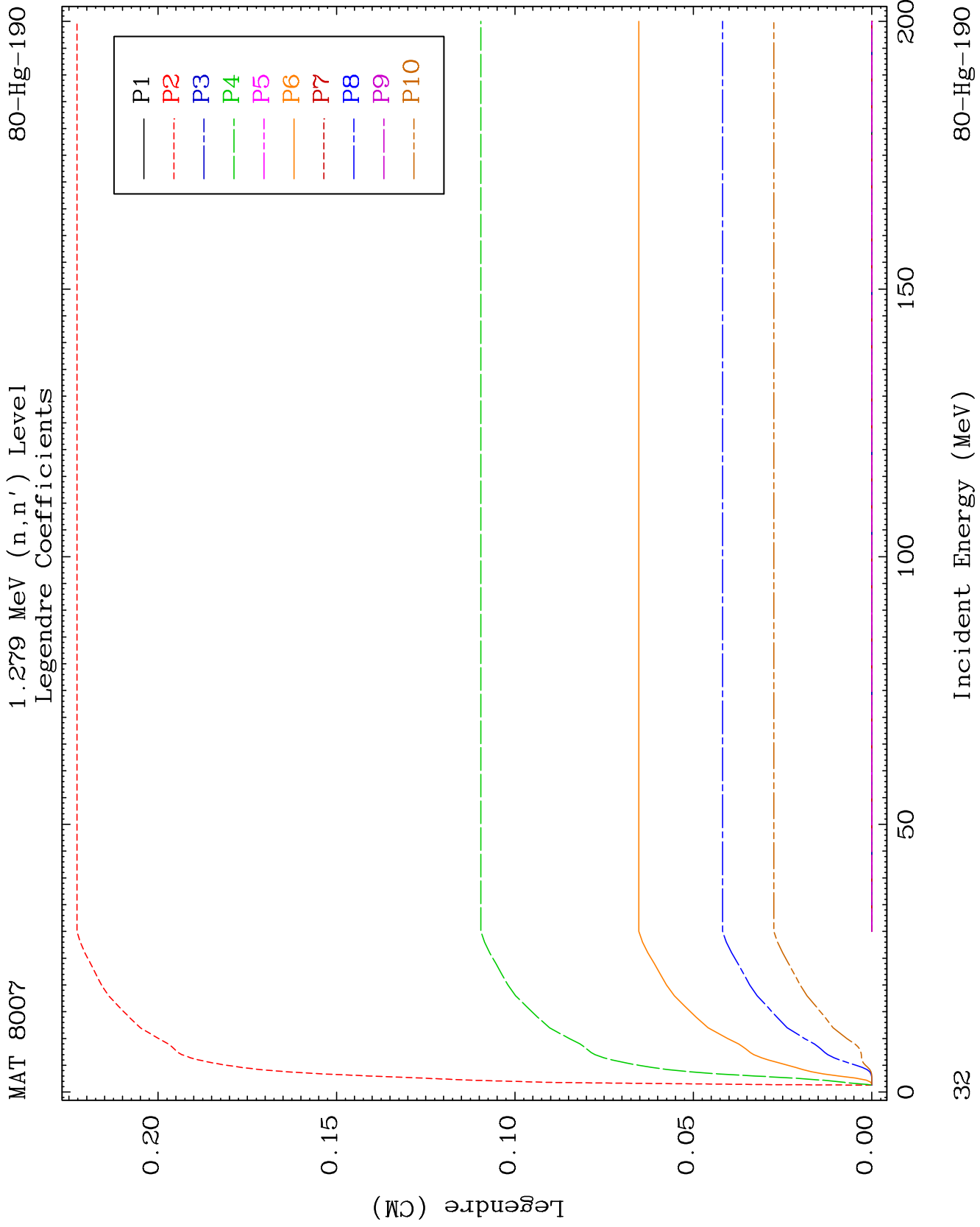


30

Incident Energy (MeV)

80-Hg-190

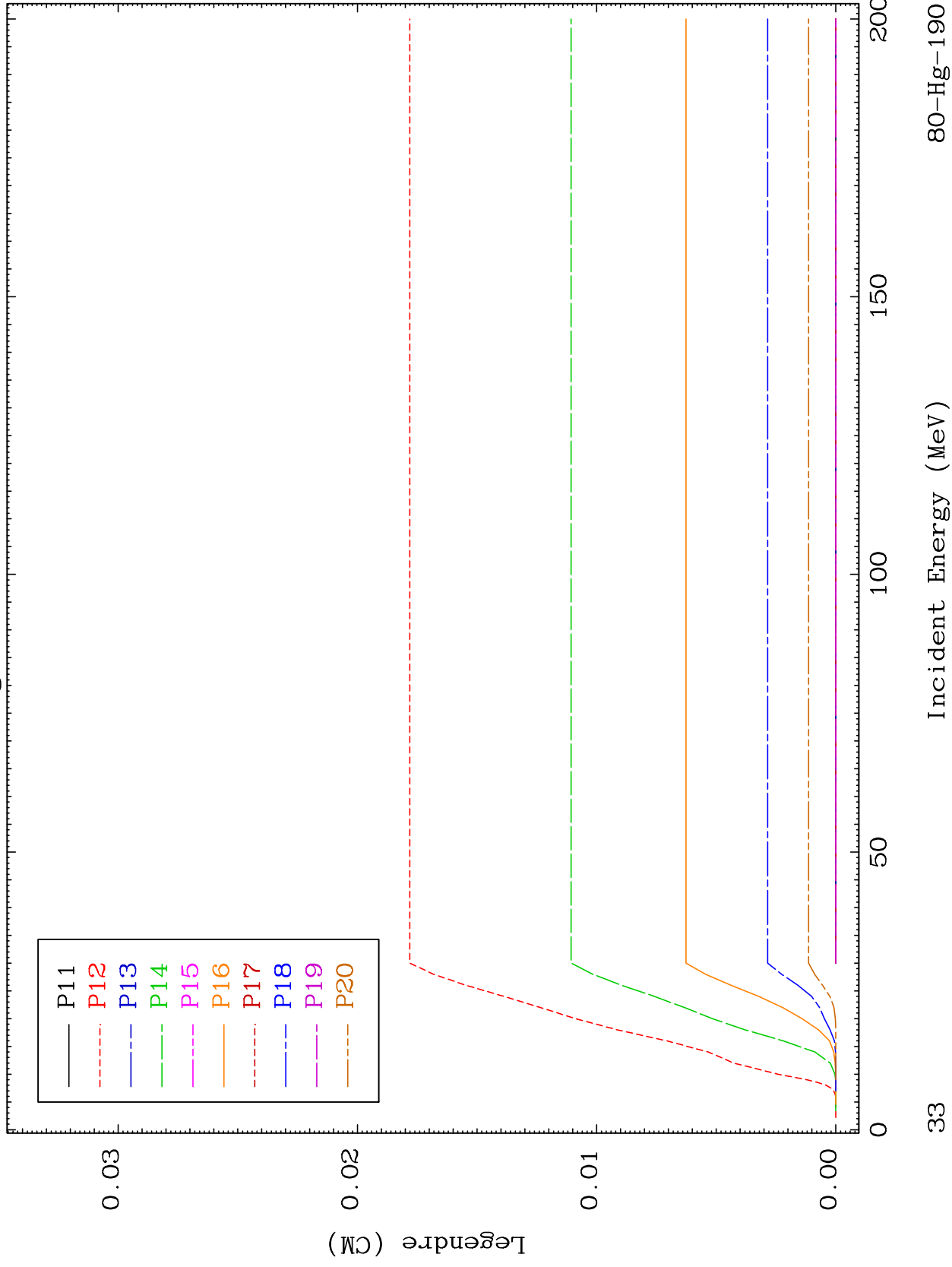




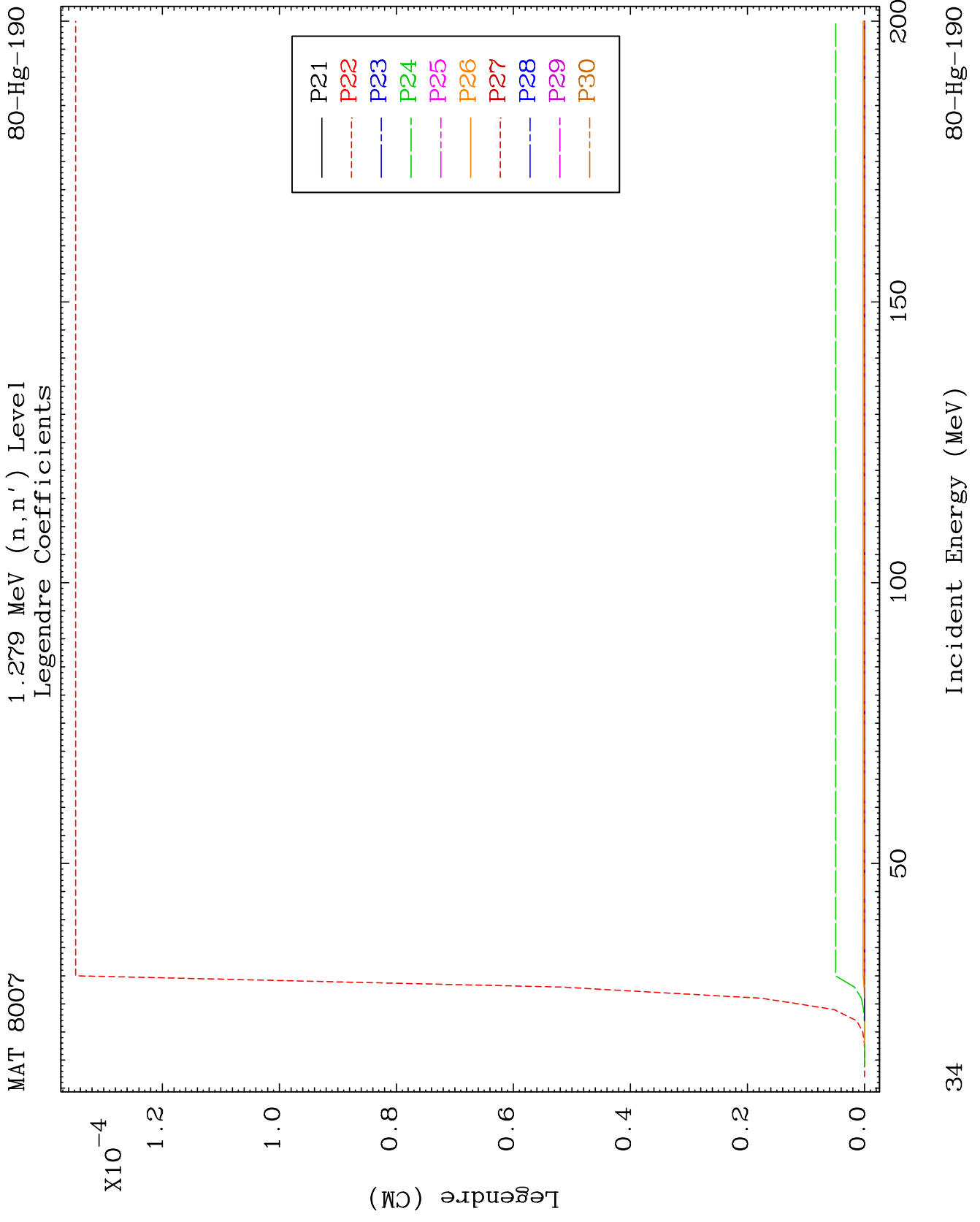
MAT 8007

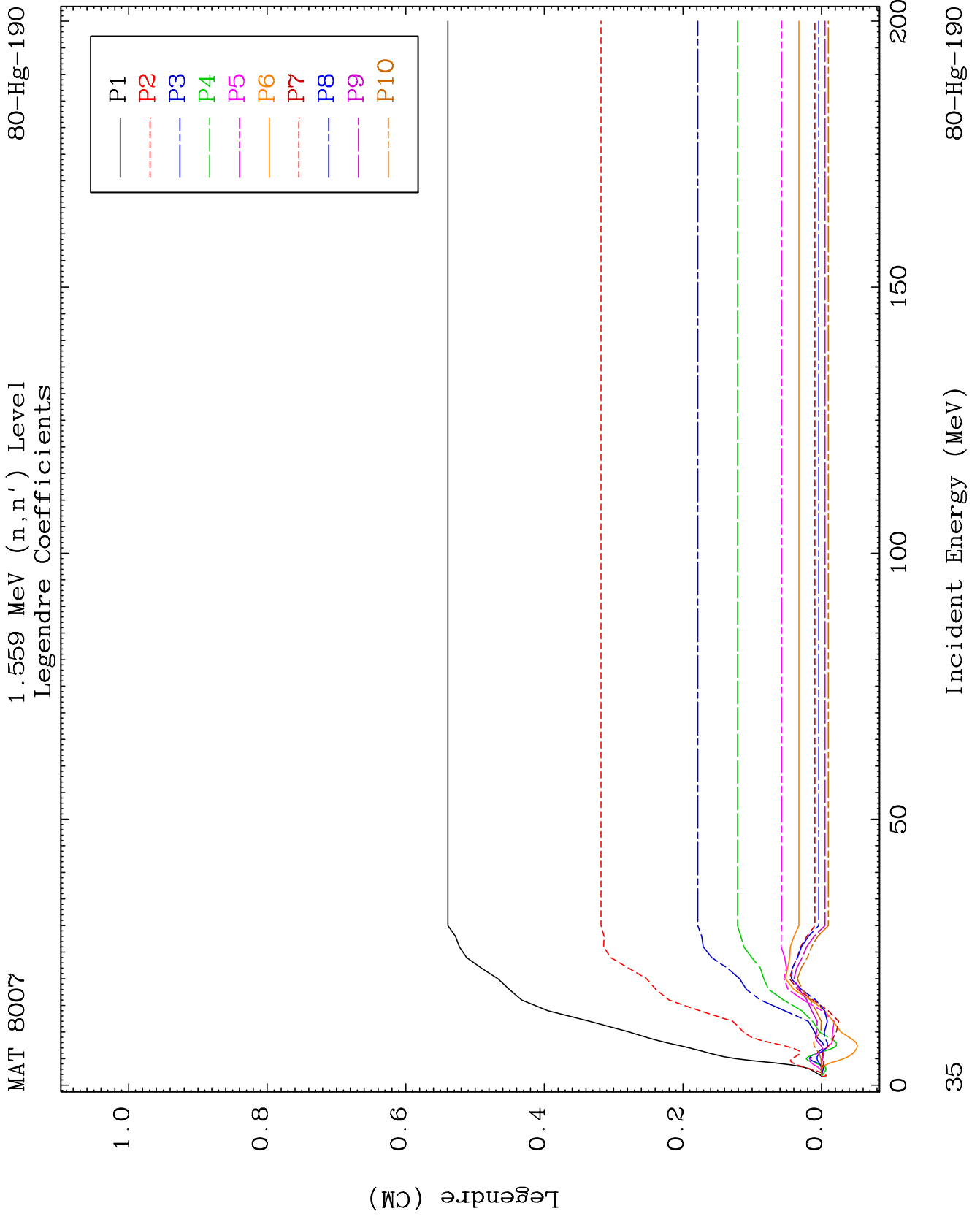
1.279 MeV (n, n') Level
Legendre Coefficients

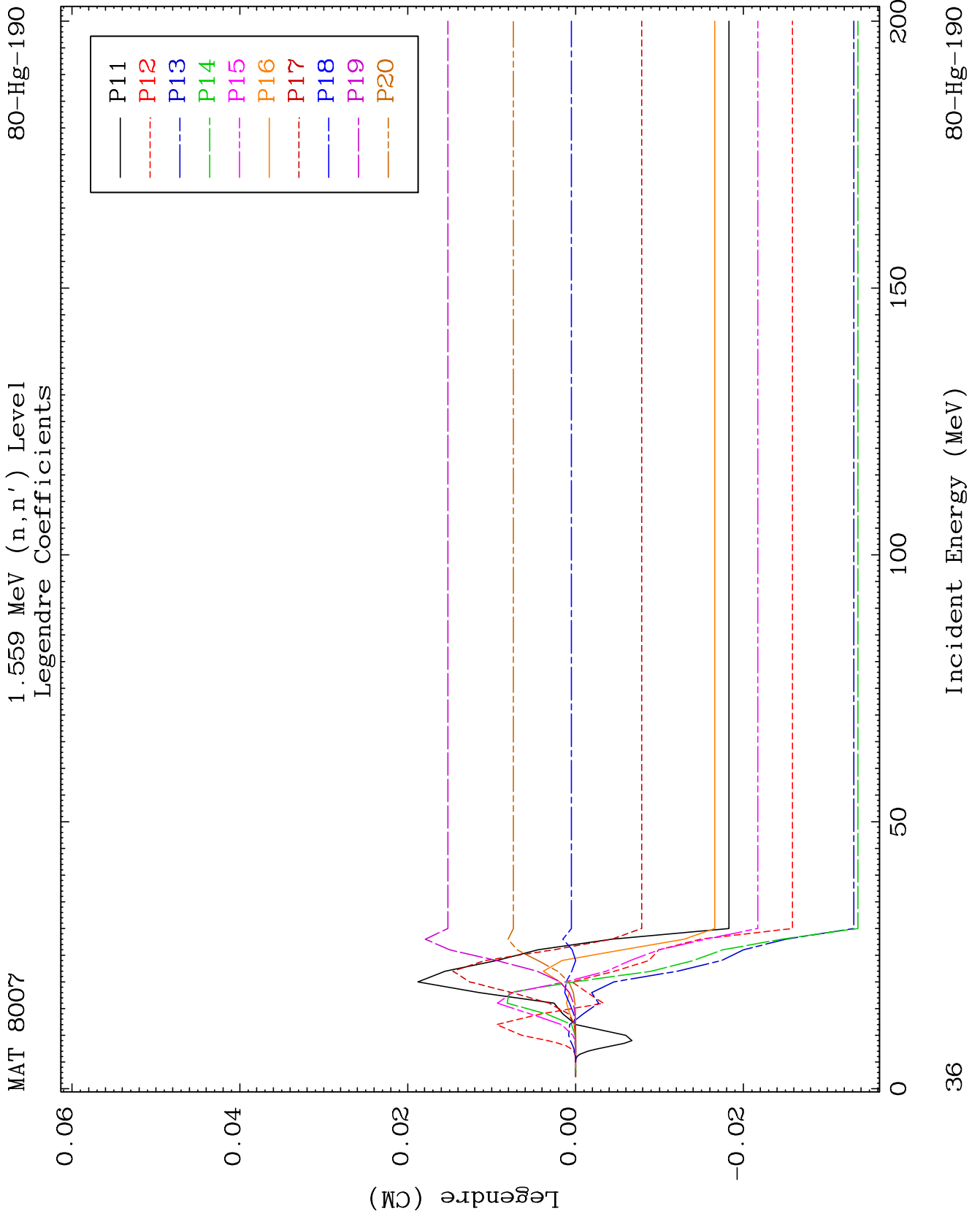
80-Hg-190



33



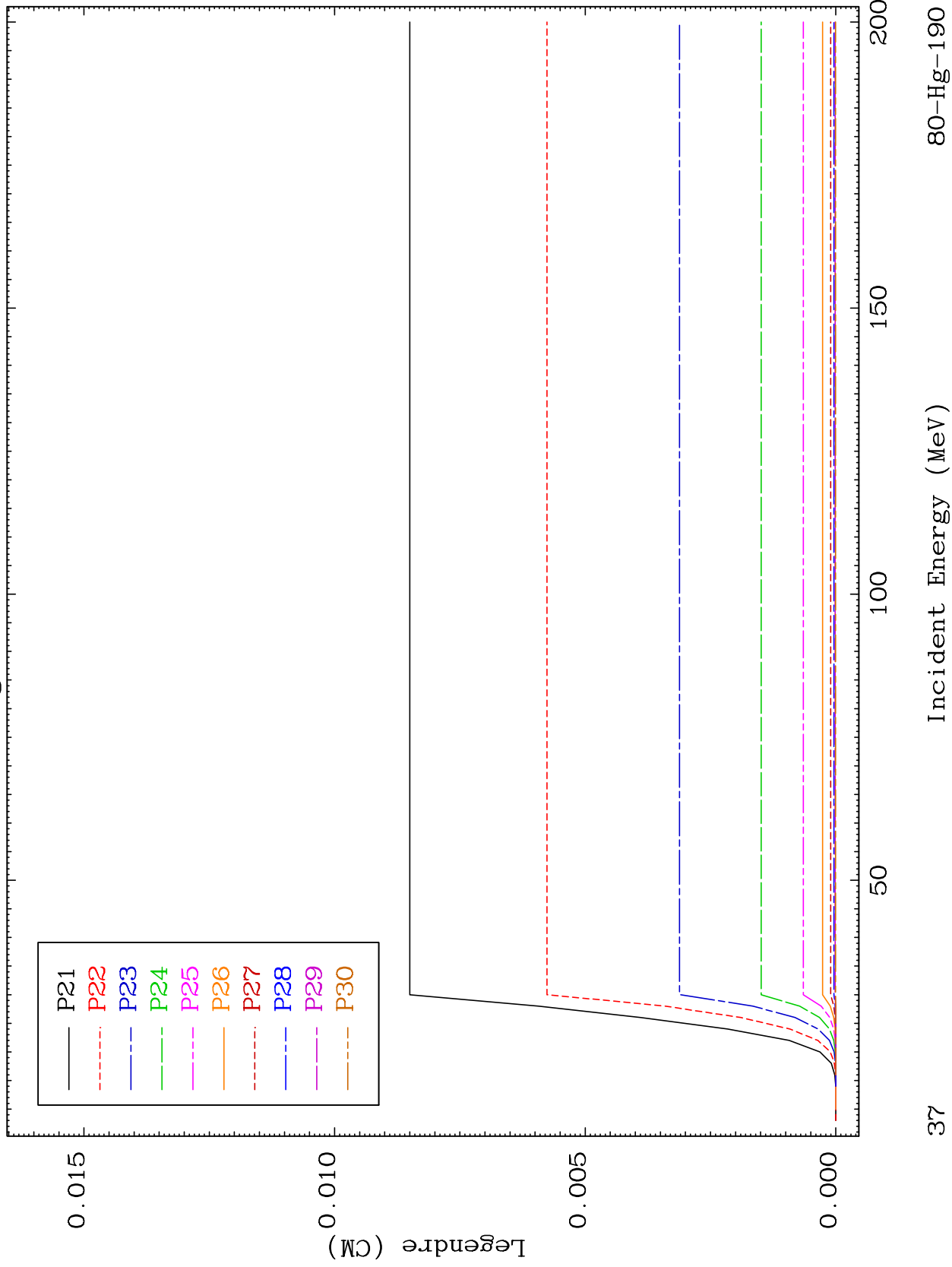




MAT 8007

1.559 MeV (n, n') Level
Legendre Coefficients

80-Hg-190



37

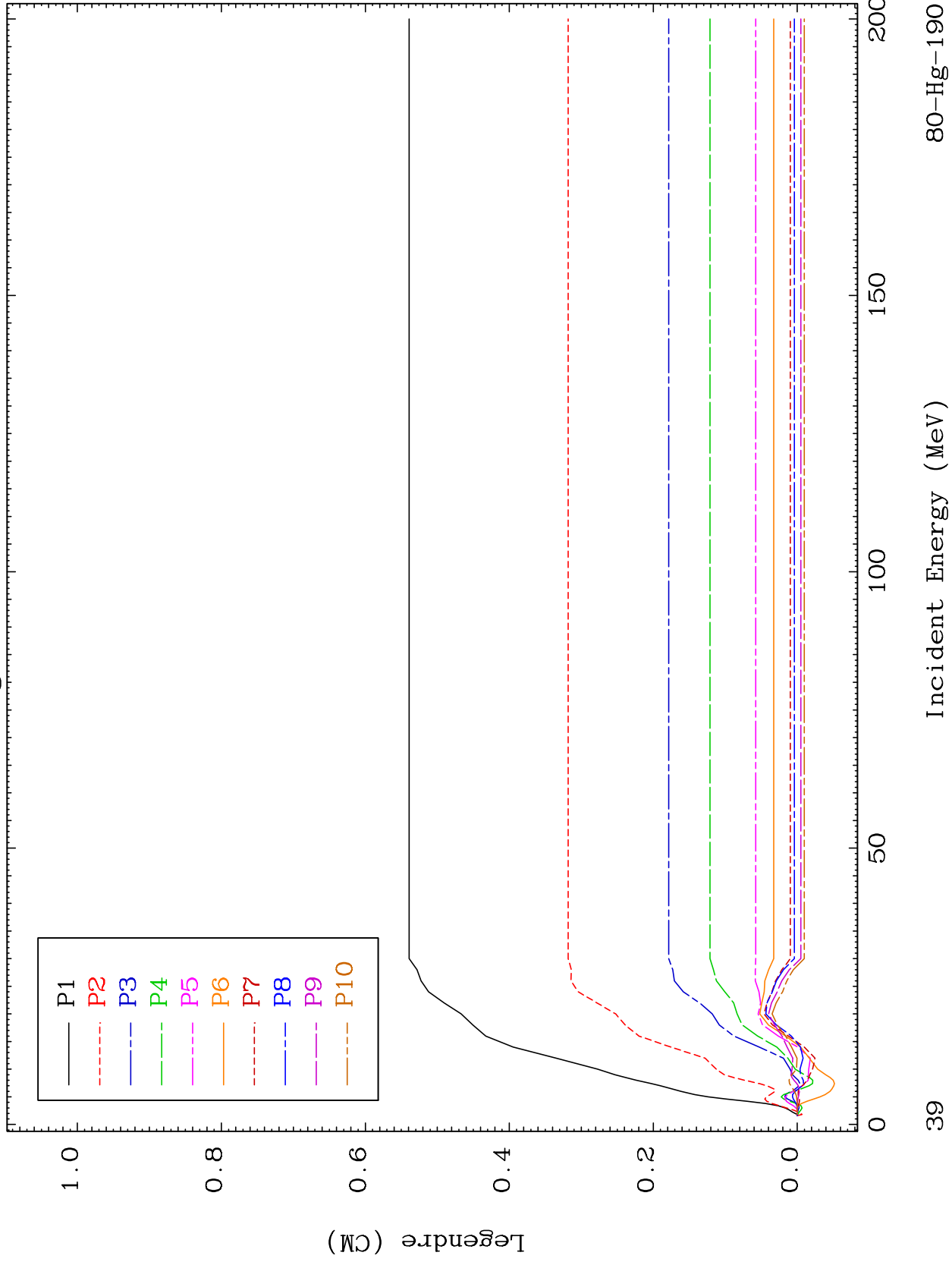
Incident Energy (MeV)

80-Hg-190

MAT 8007

1.571 MeV (n, n') Level
Legendre Coefficients

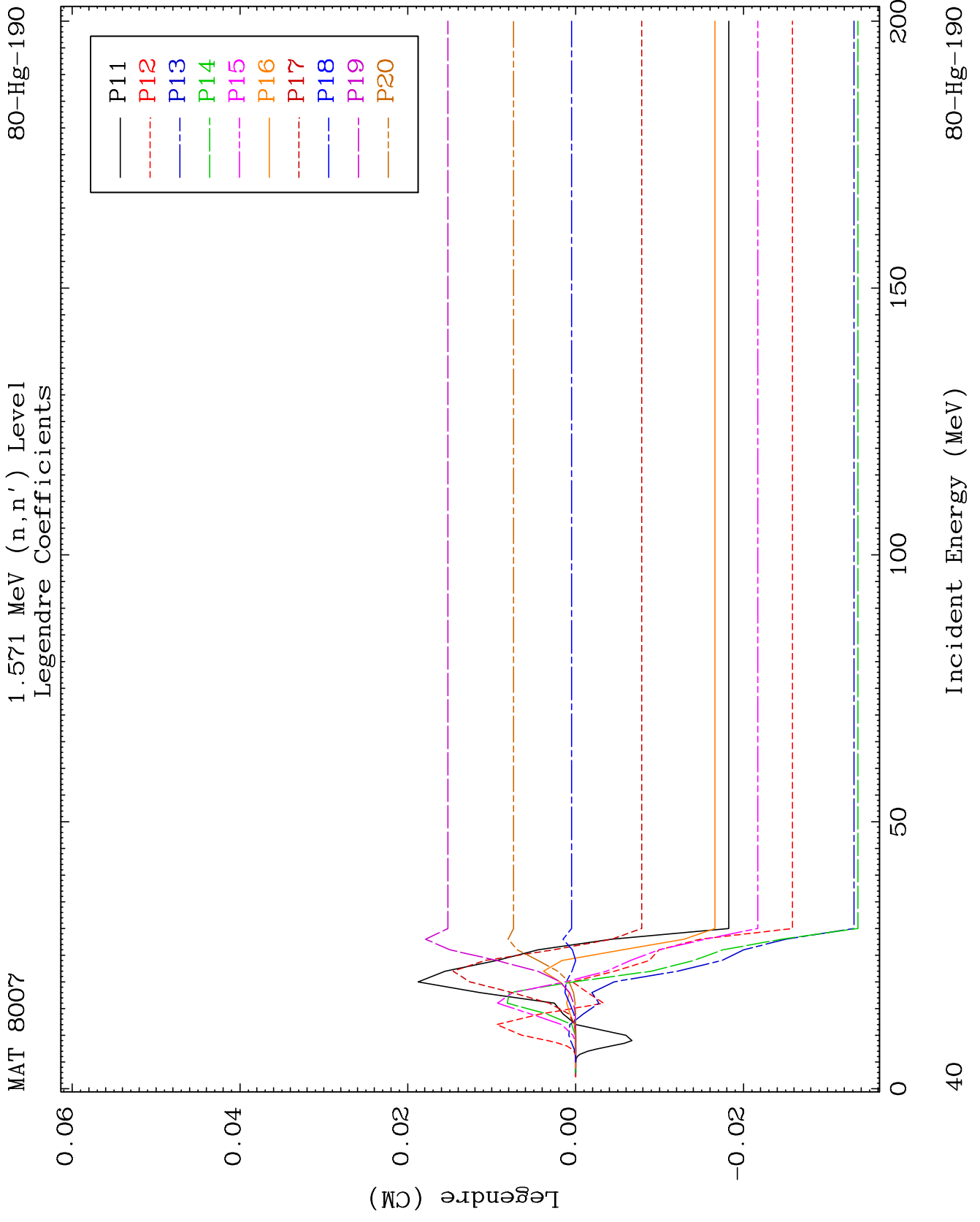
80-Hg-190



39

Incident Energy (MeV)

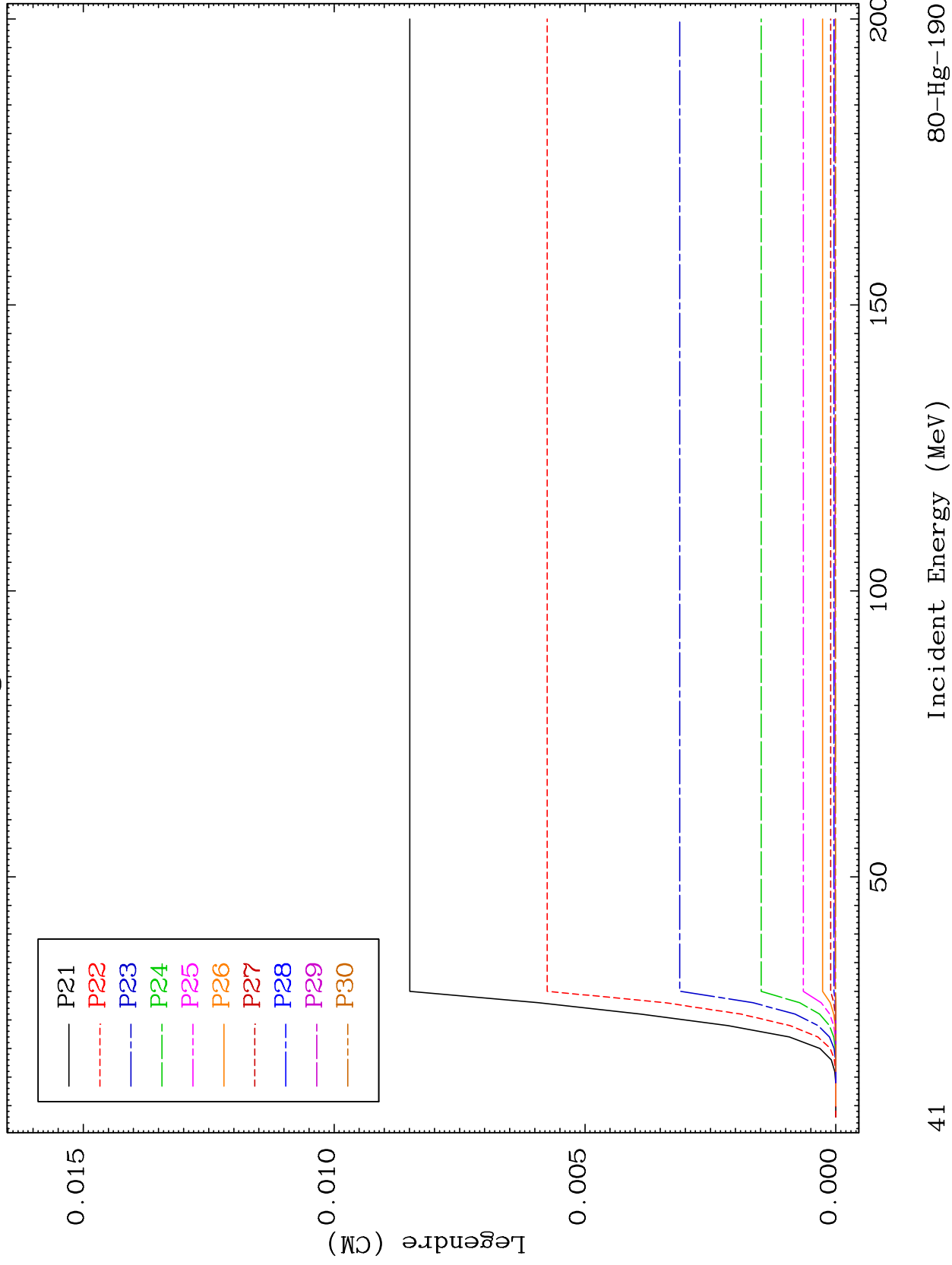
80-Hg-190

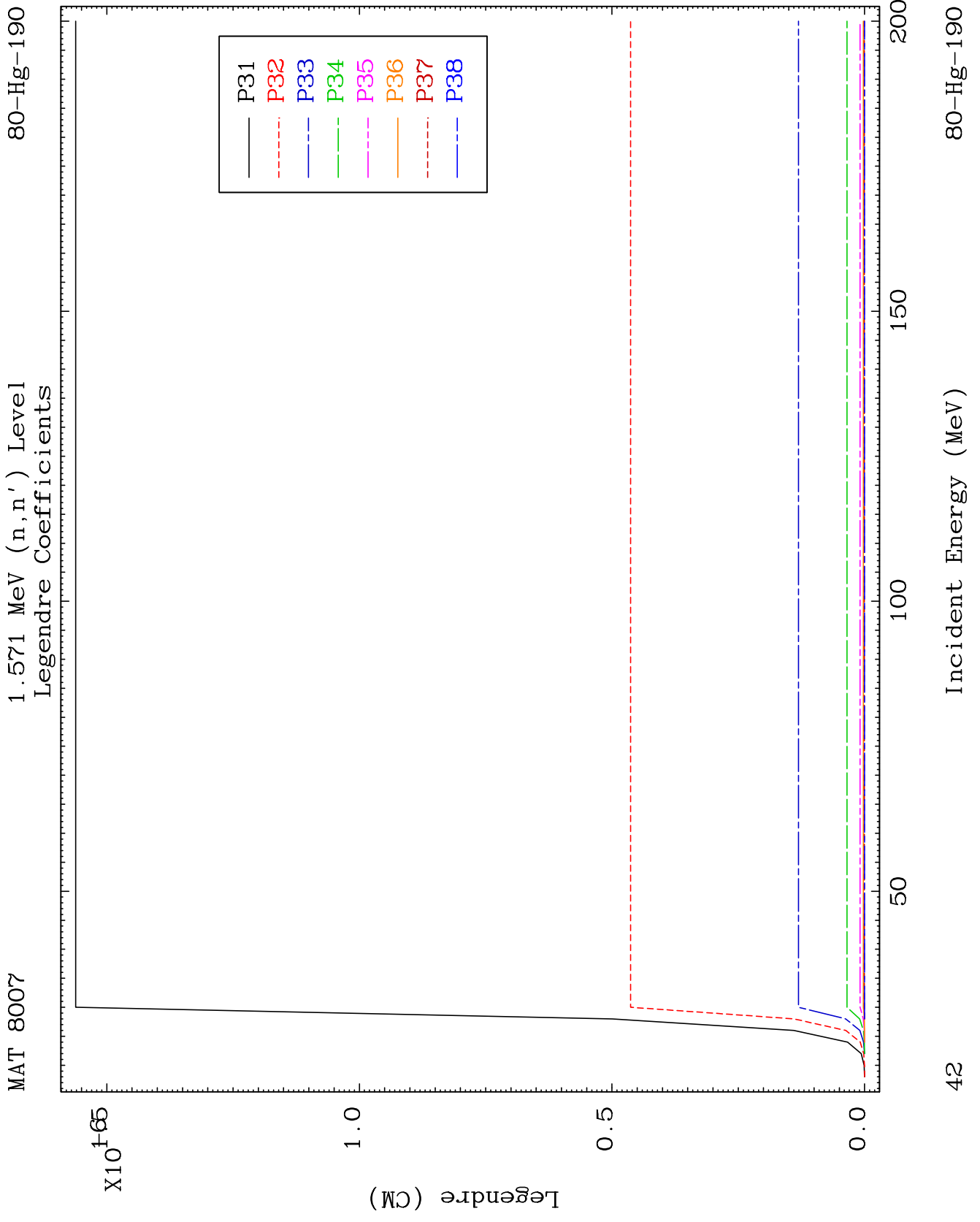


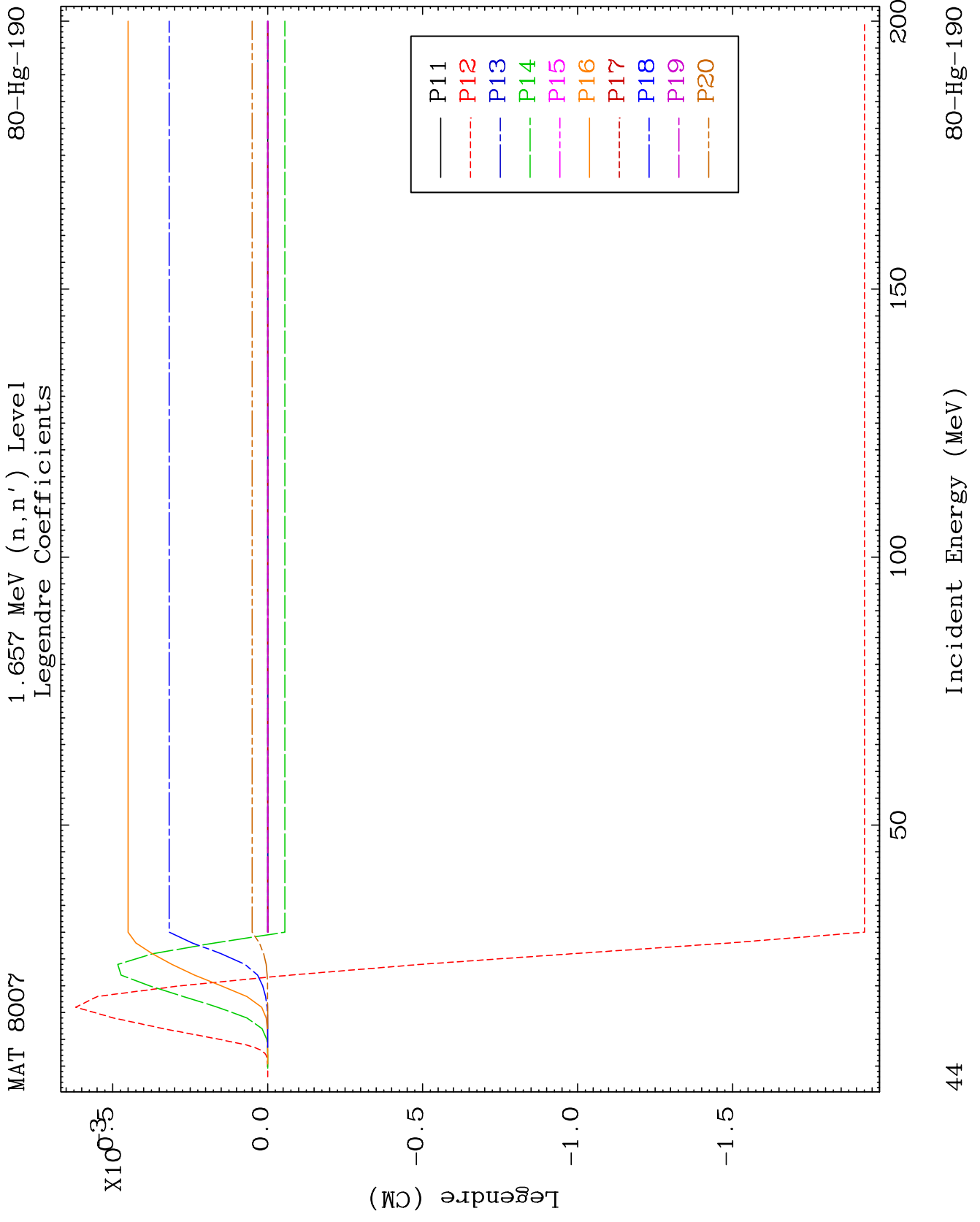
MAT 8007

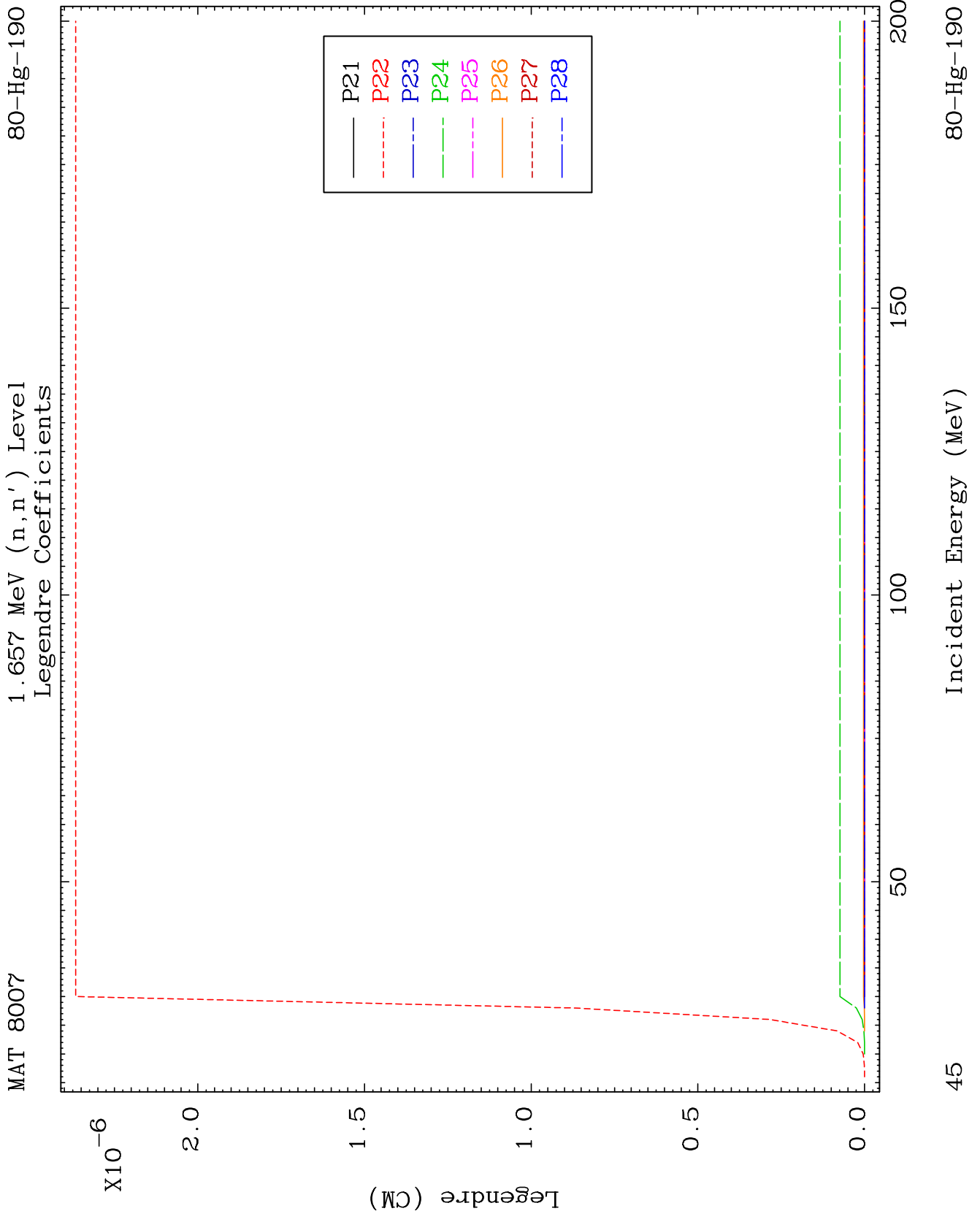
1.571 MeV (n, n') Level
Legendre Coefficients

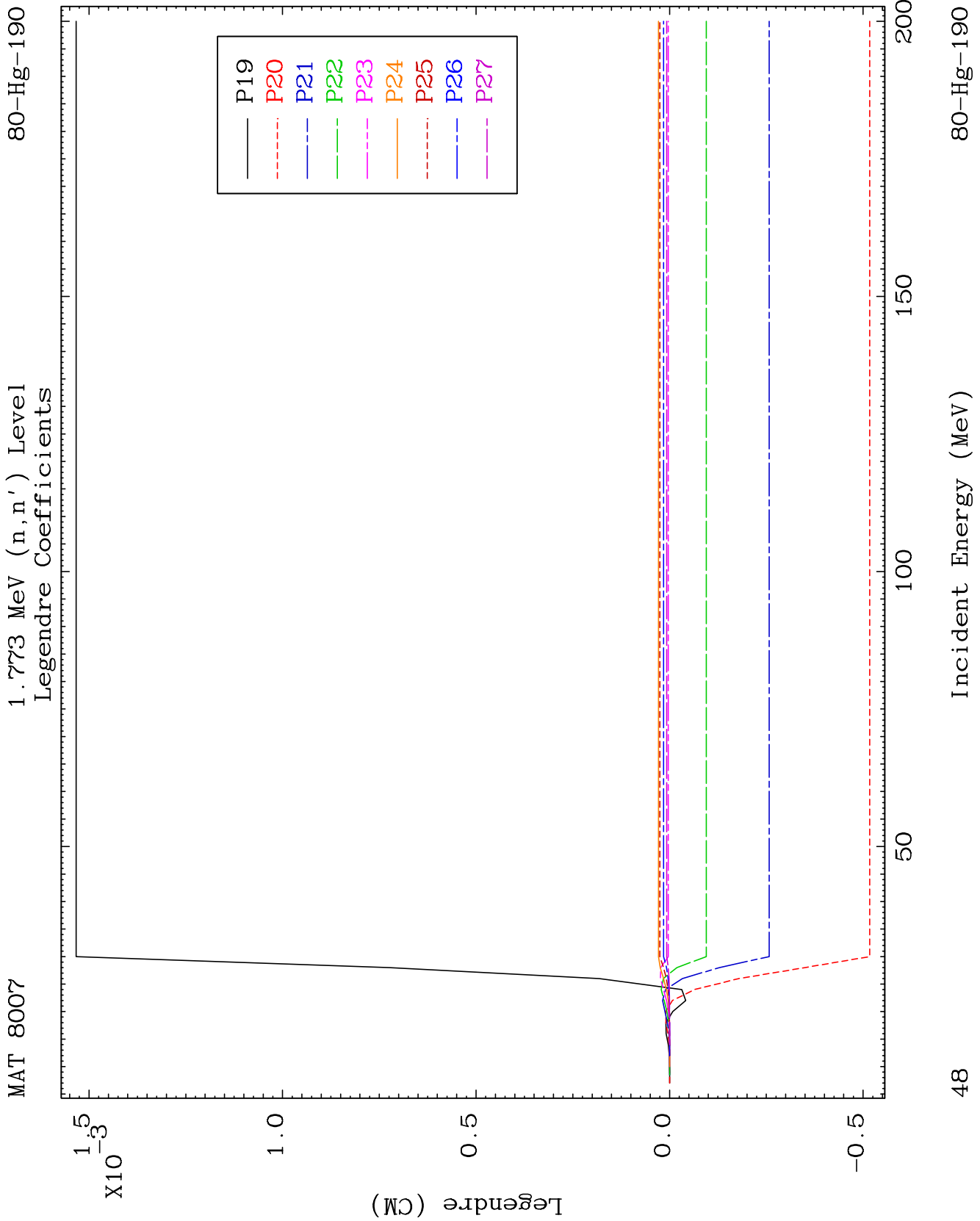
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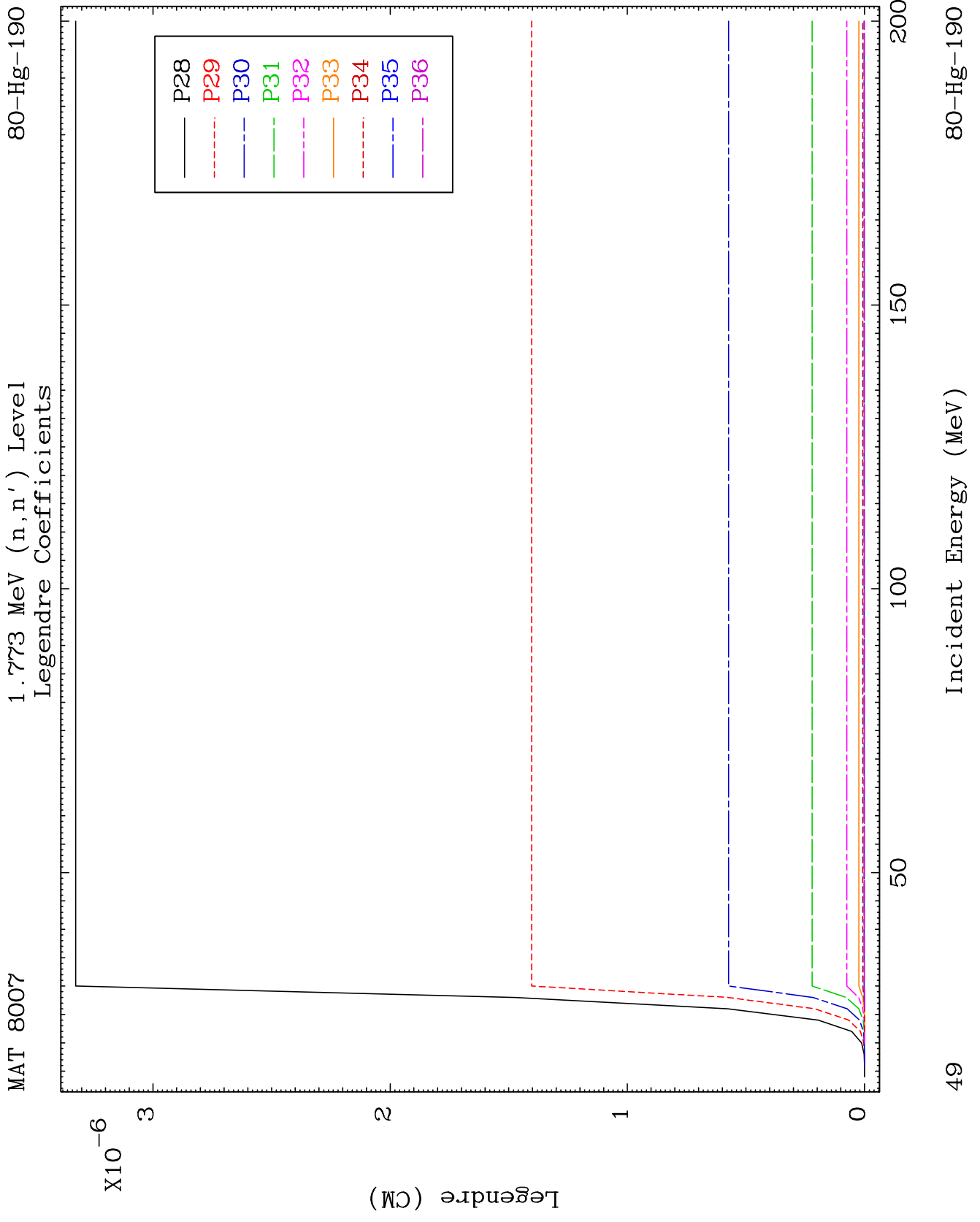


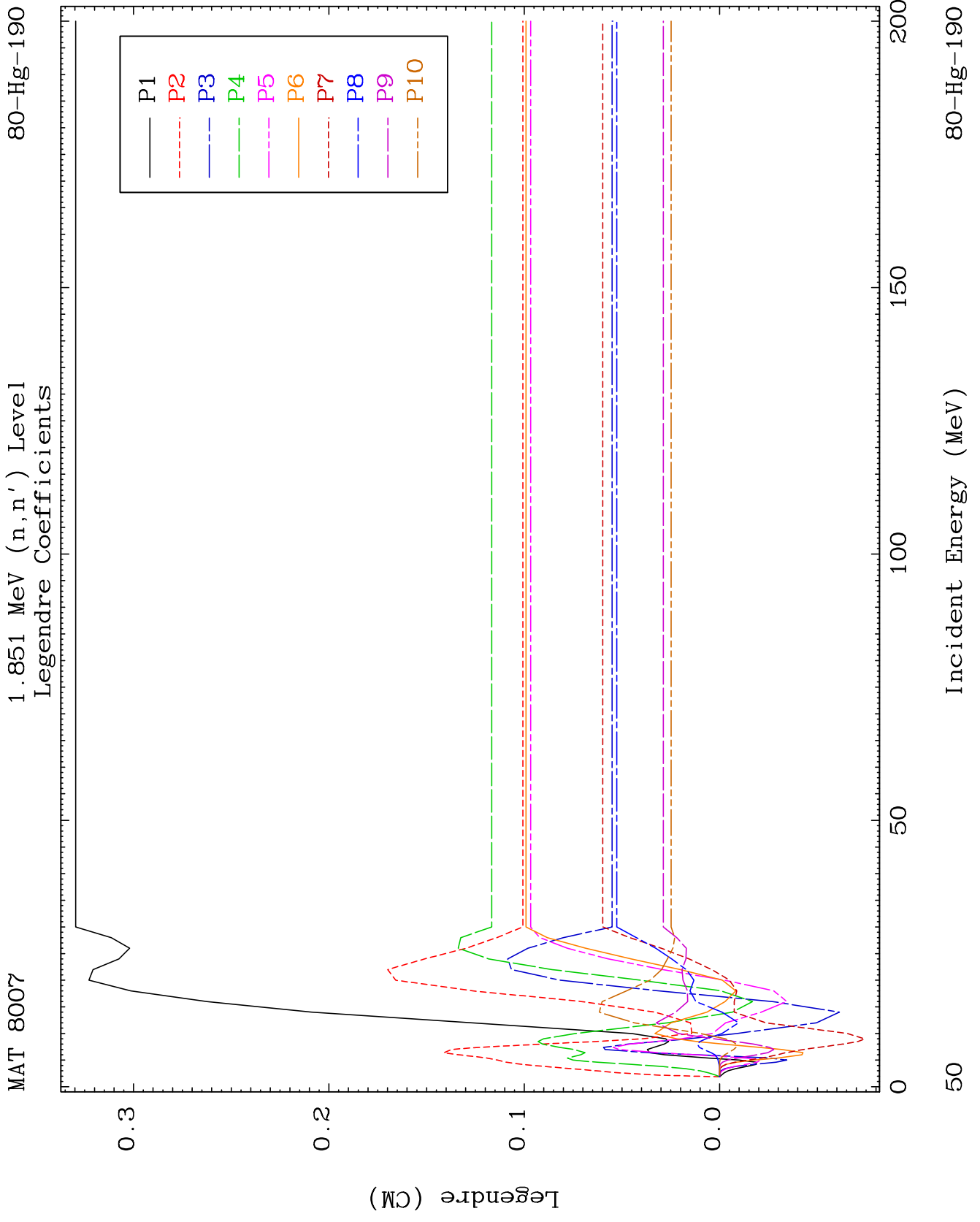


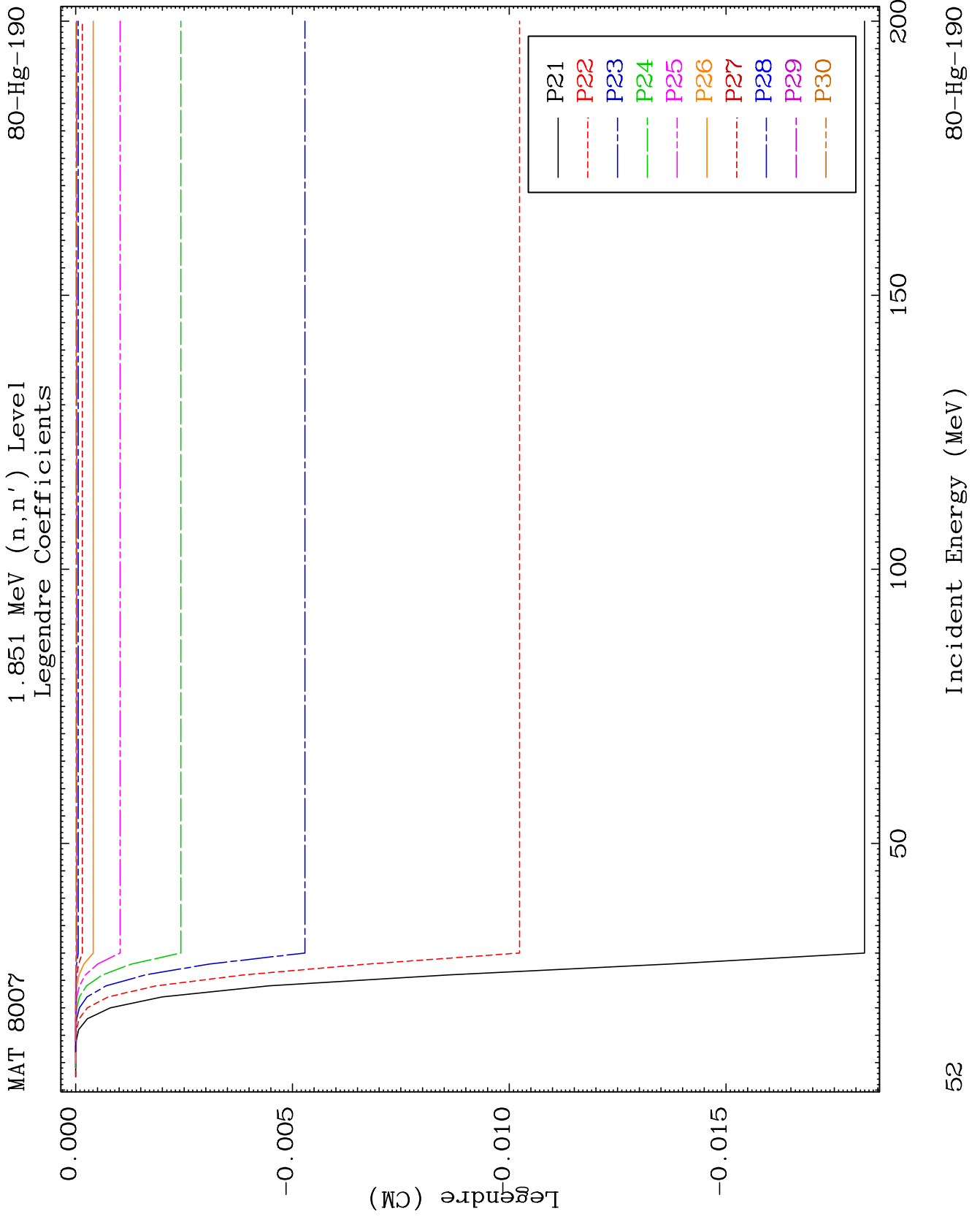


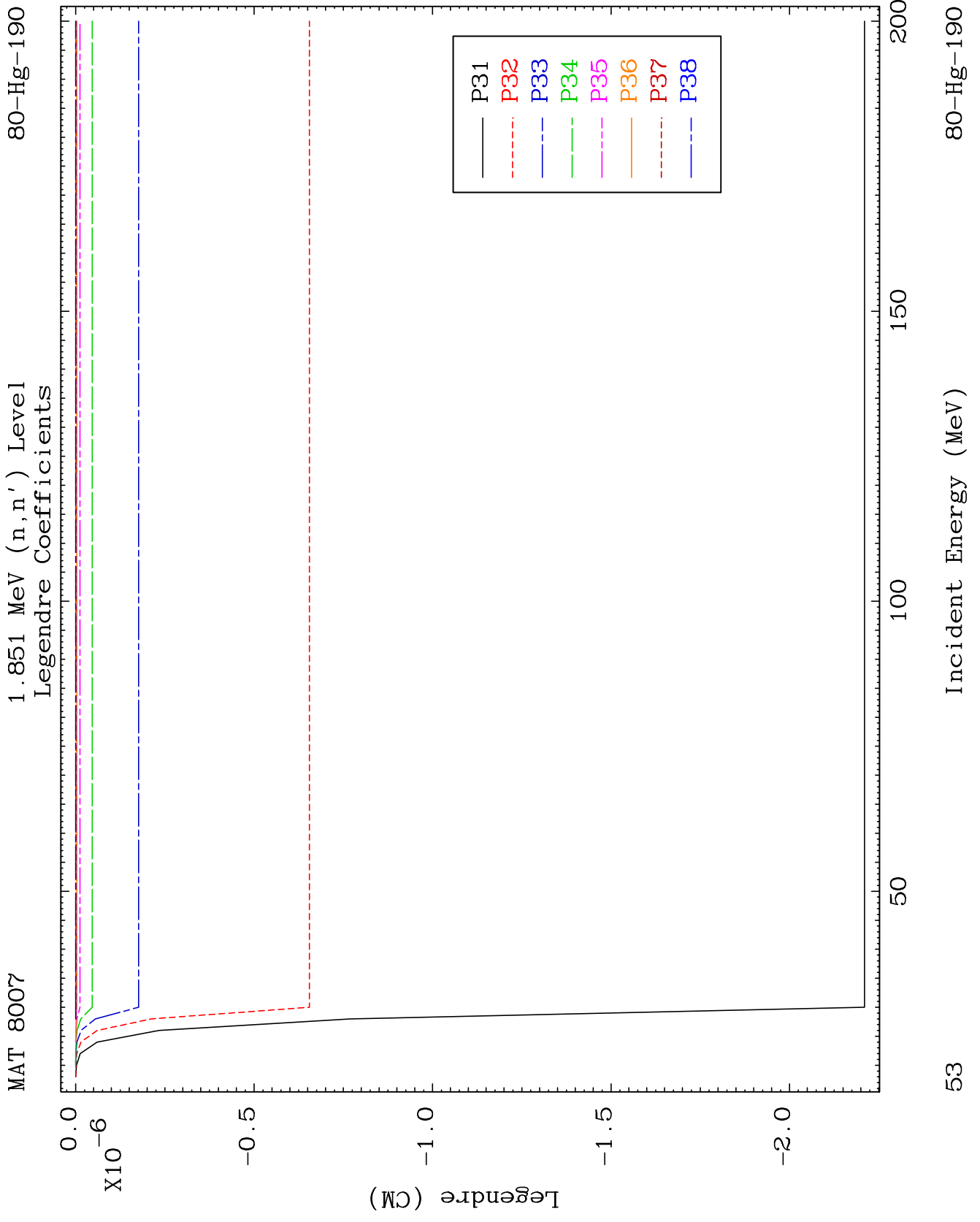


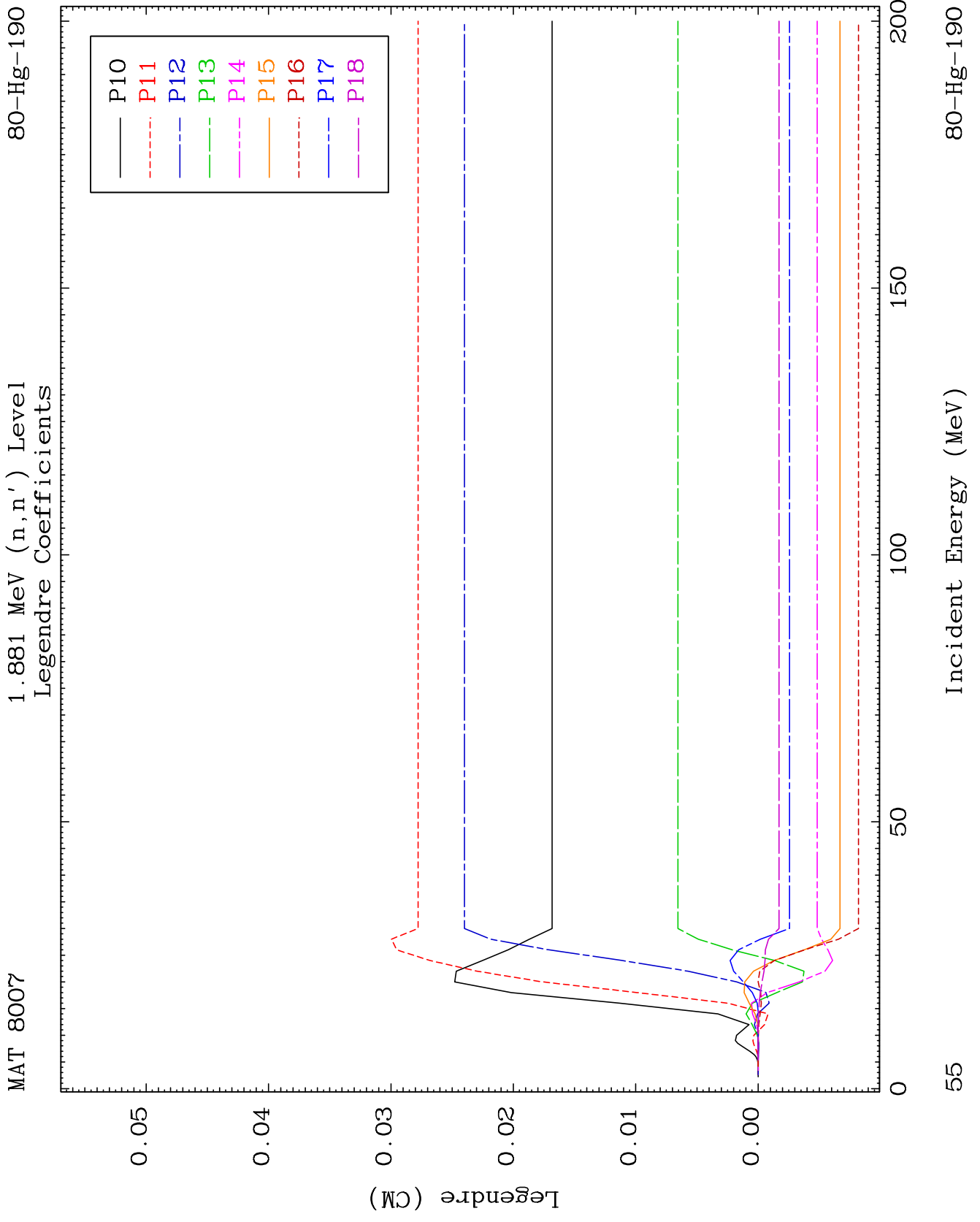


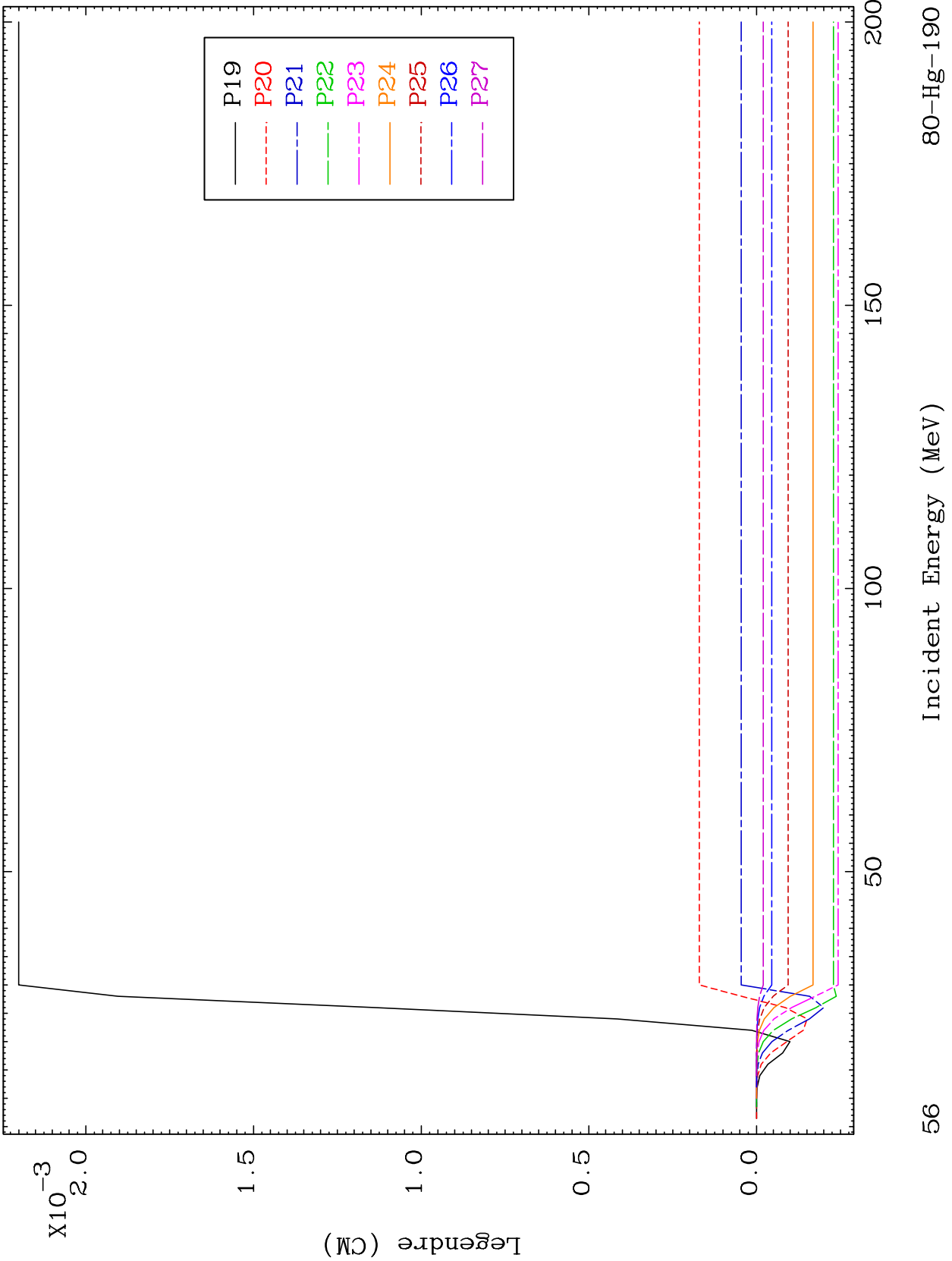


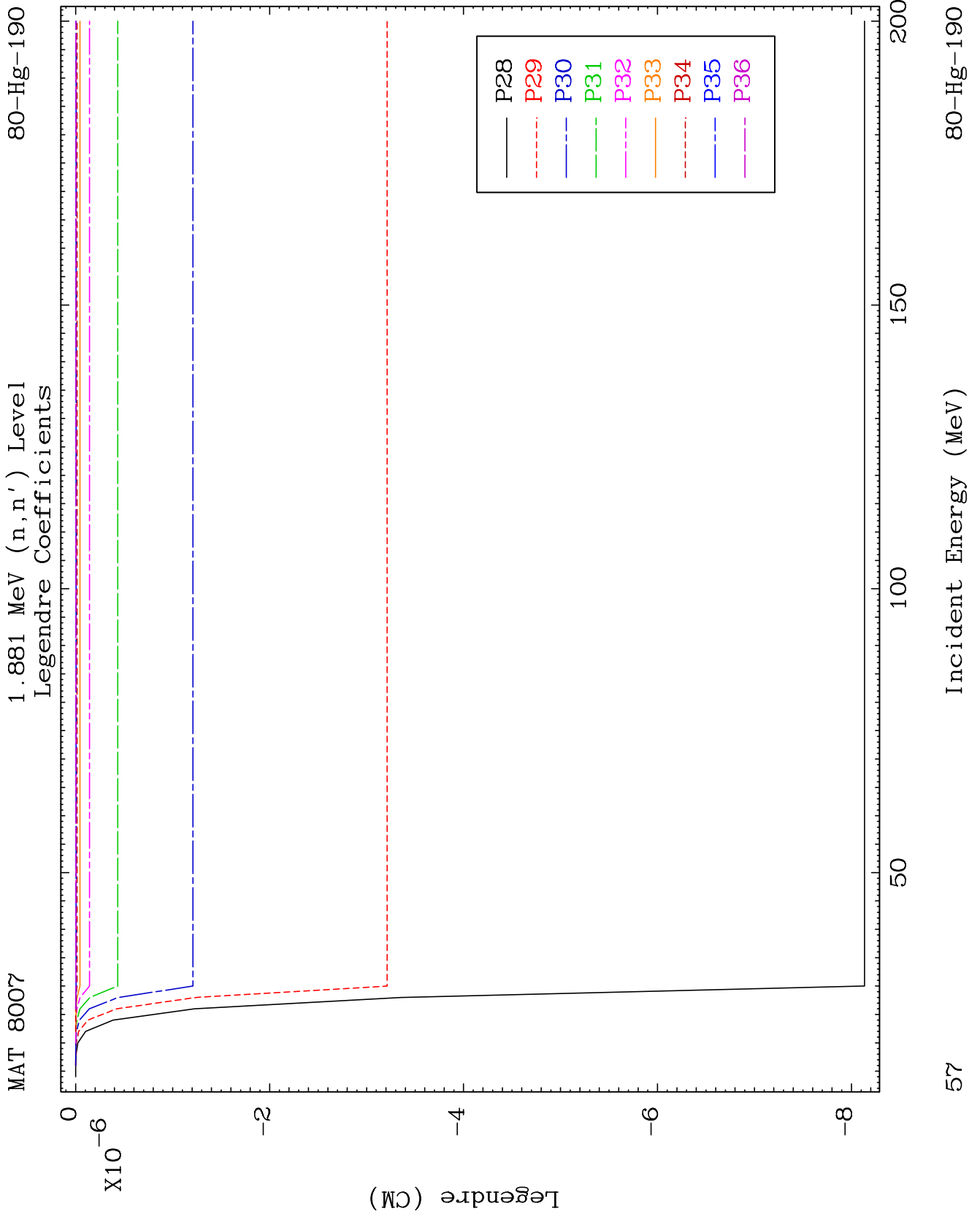


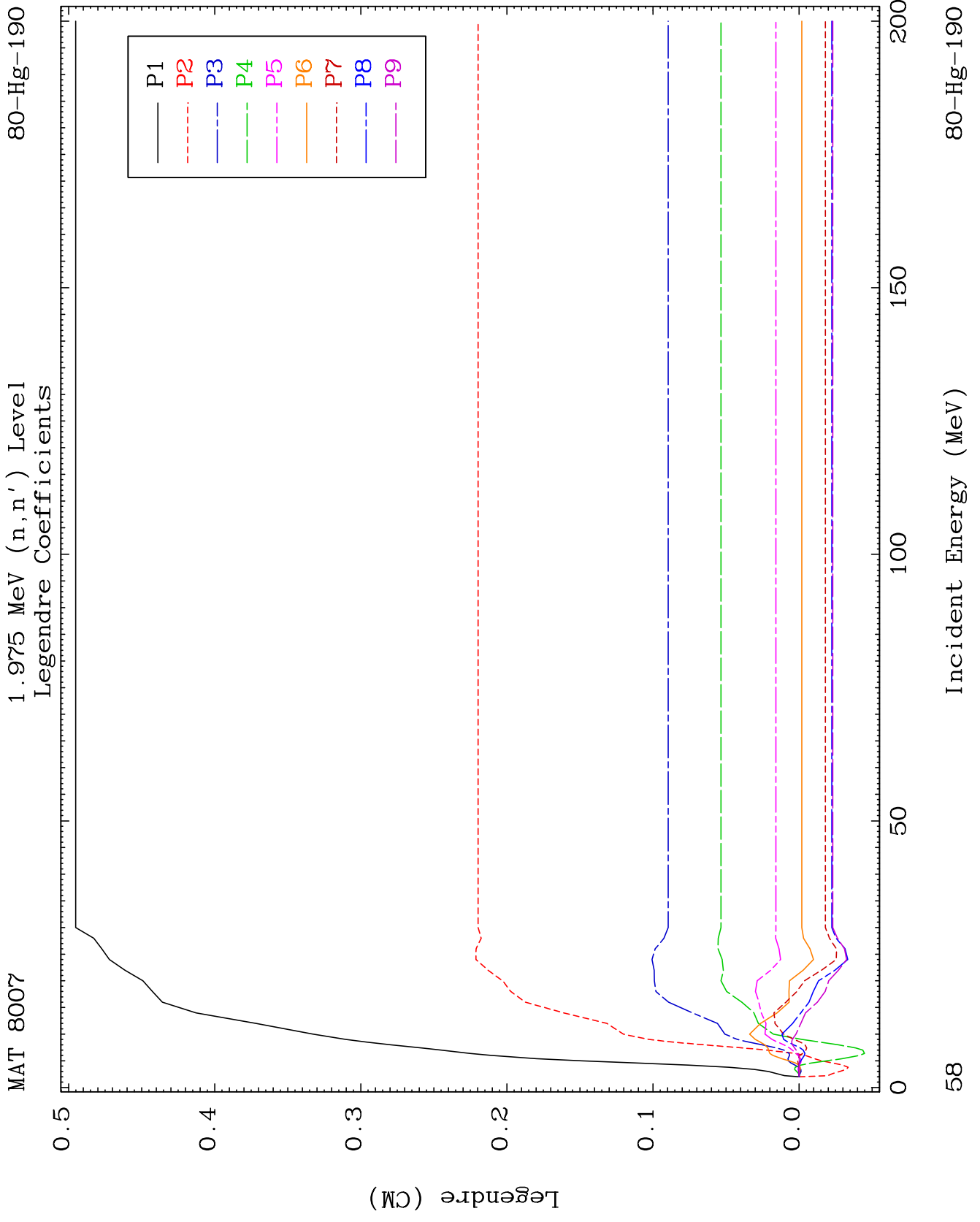








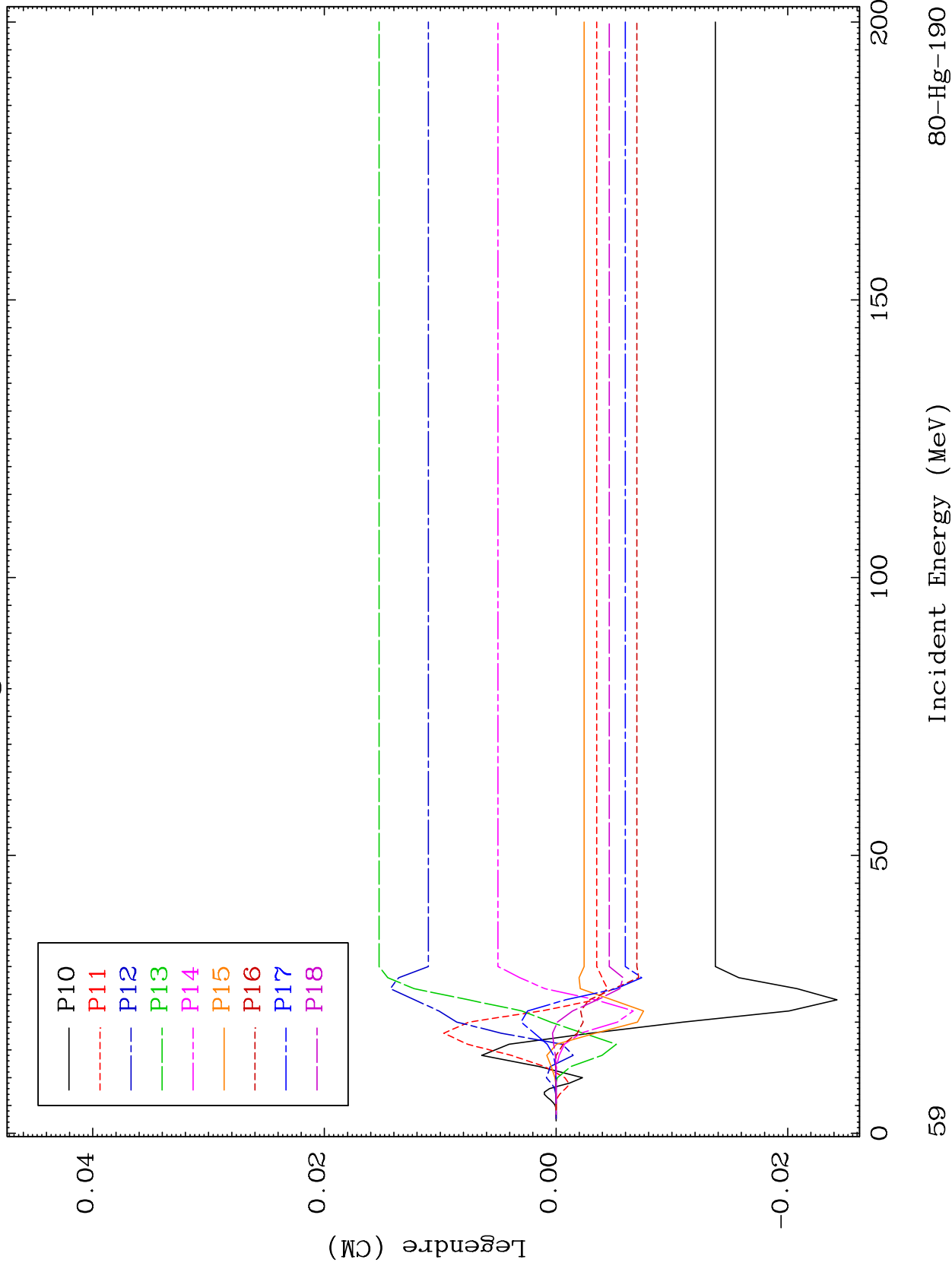




MAT 8007

1.975 MeV (n,n') Level
Legendre Coefficients

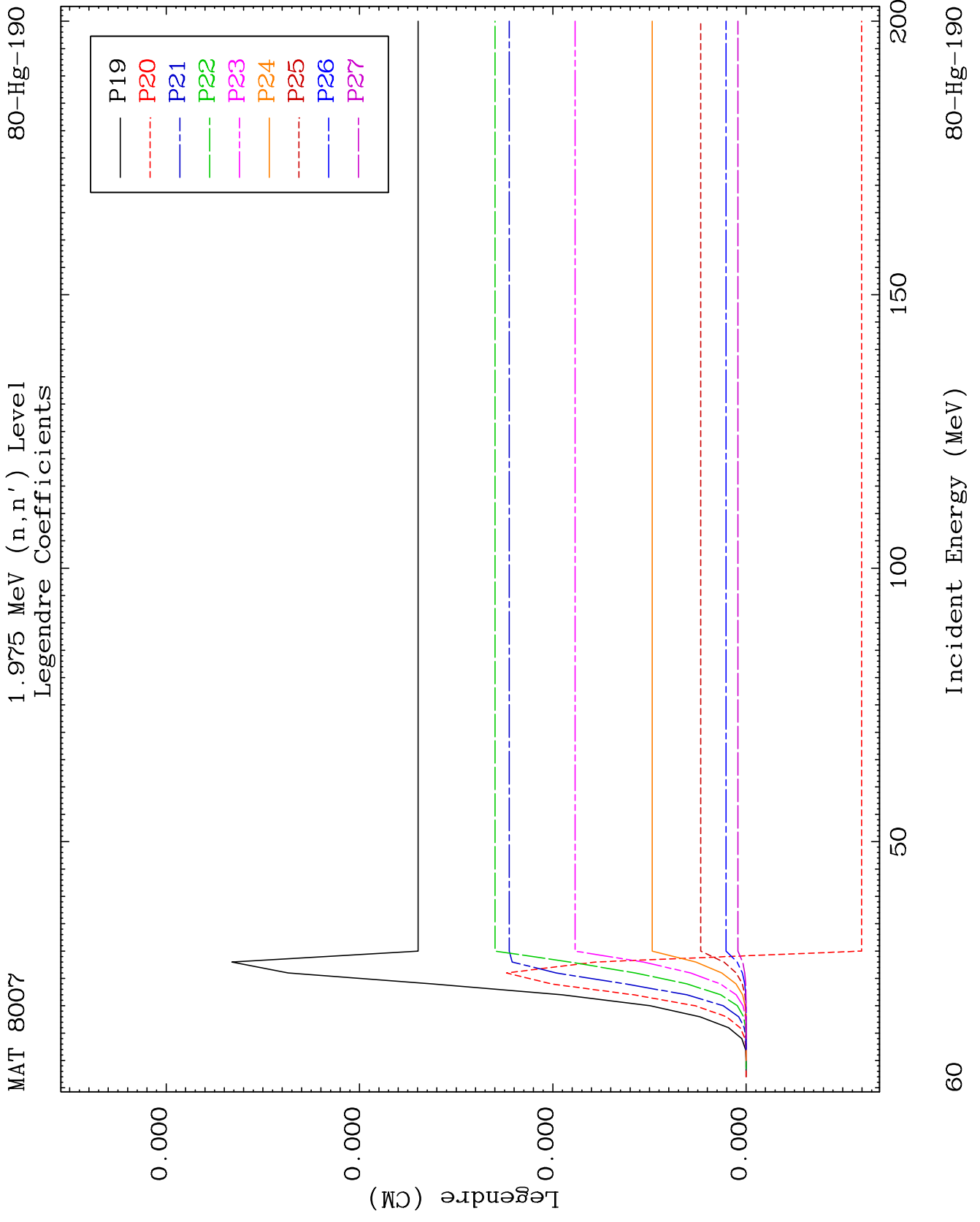
80-Hg-190

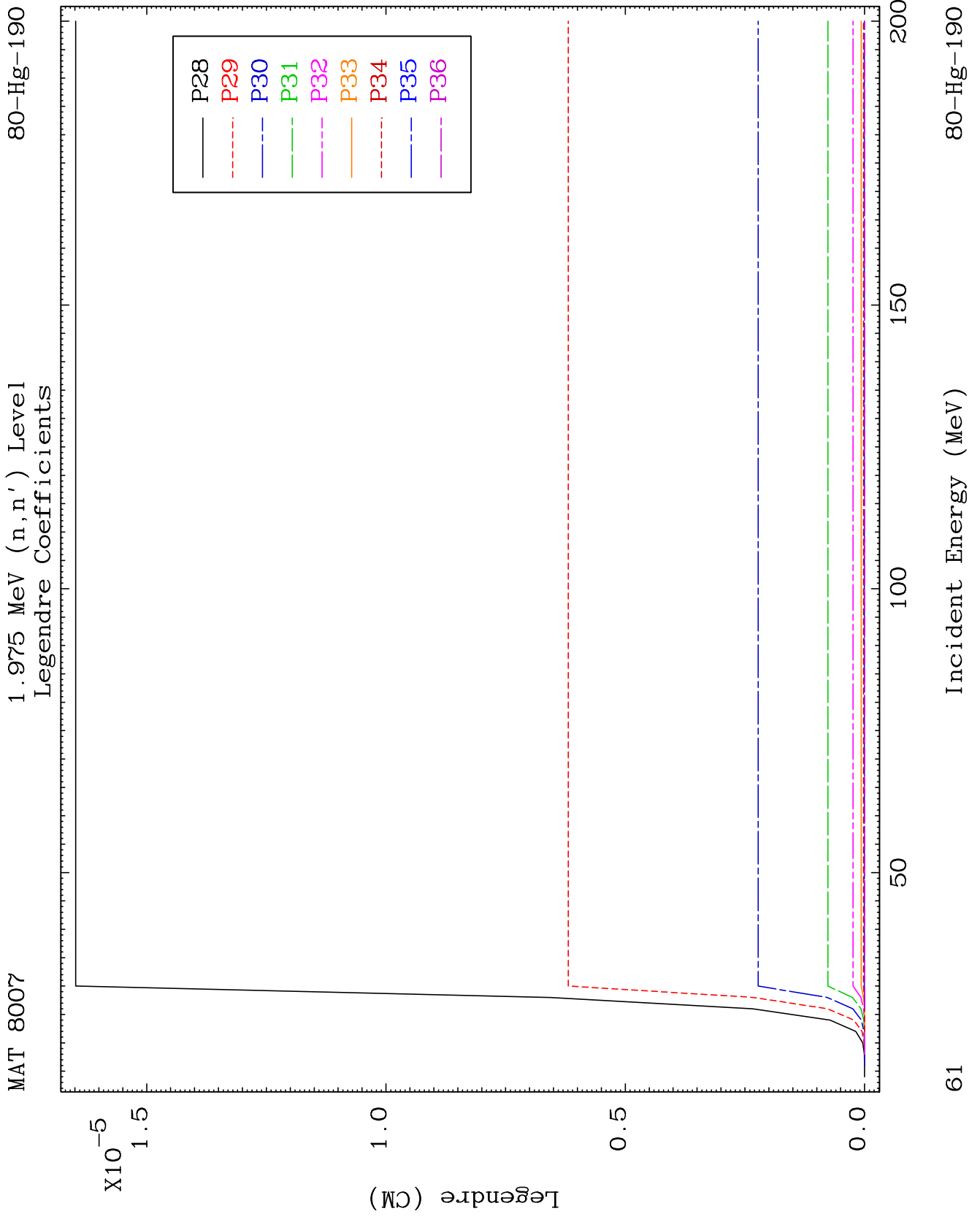


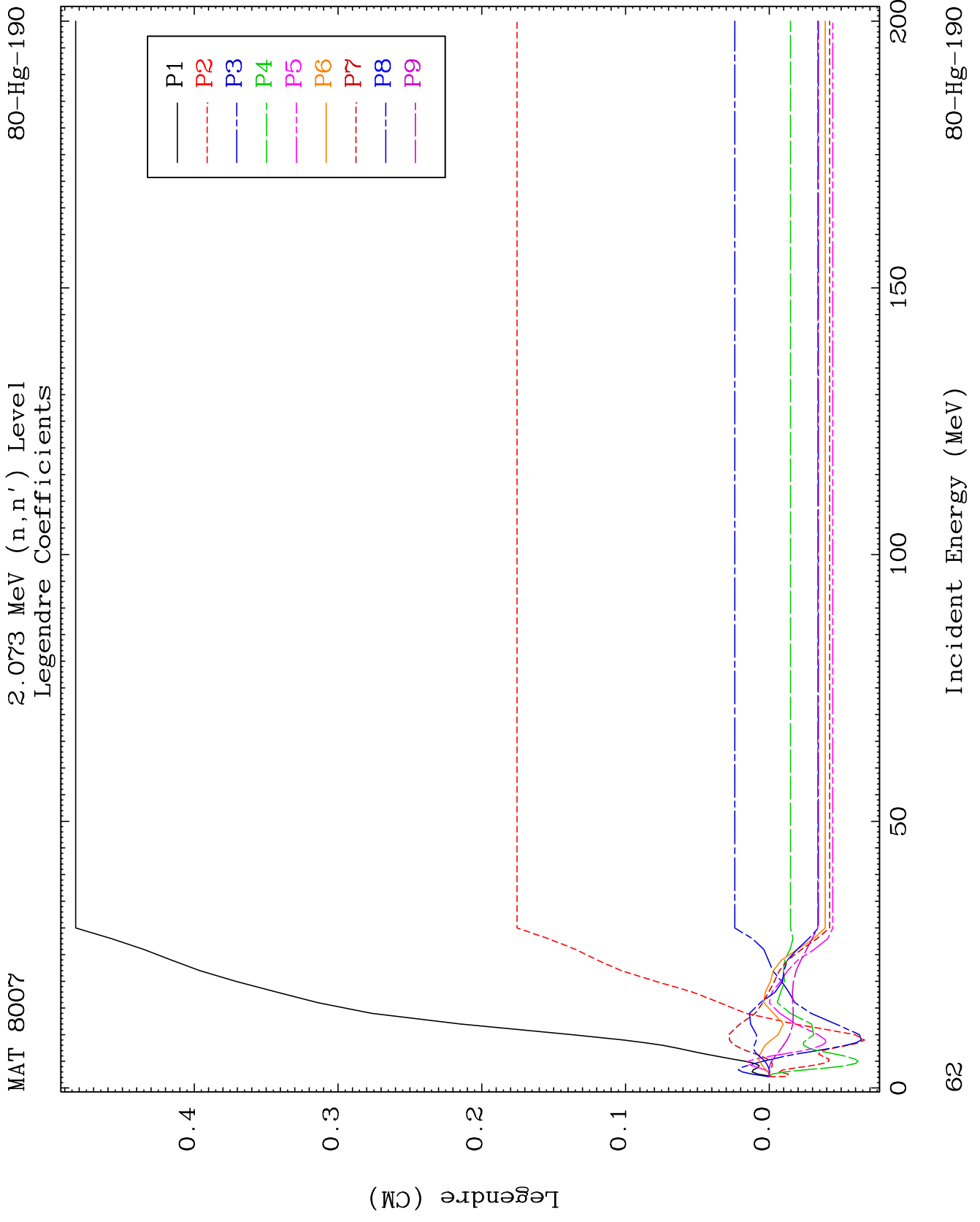
59

Incident Energy (MeV)

80-Hg-190



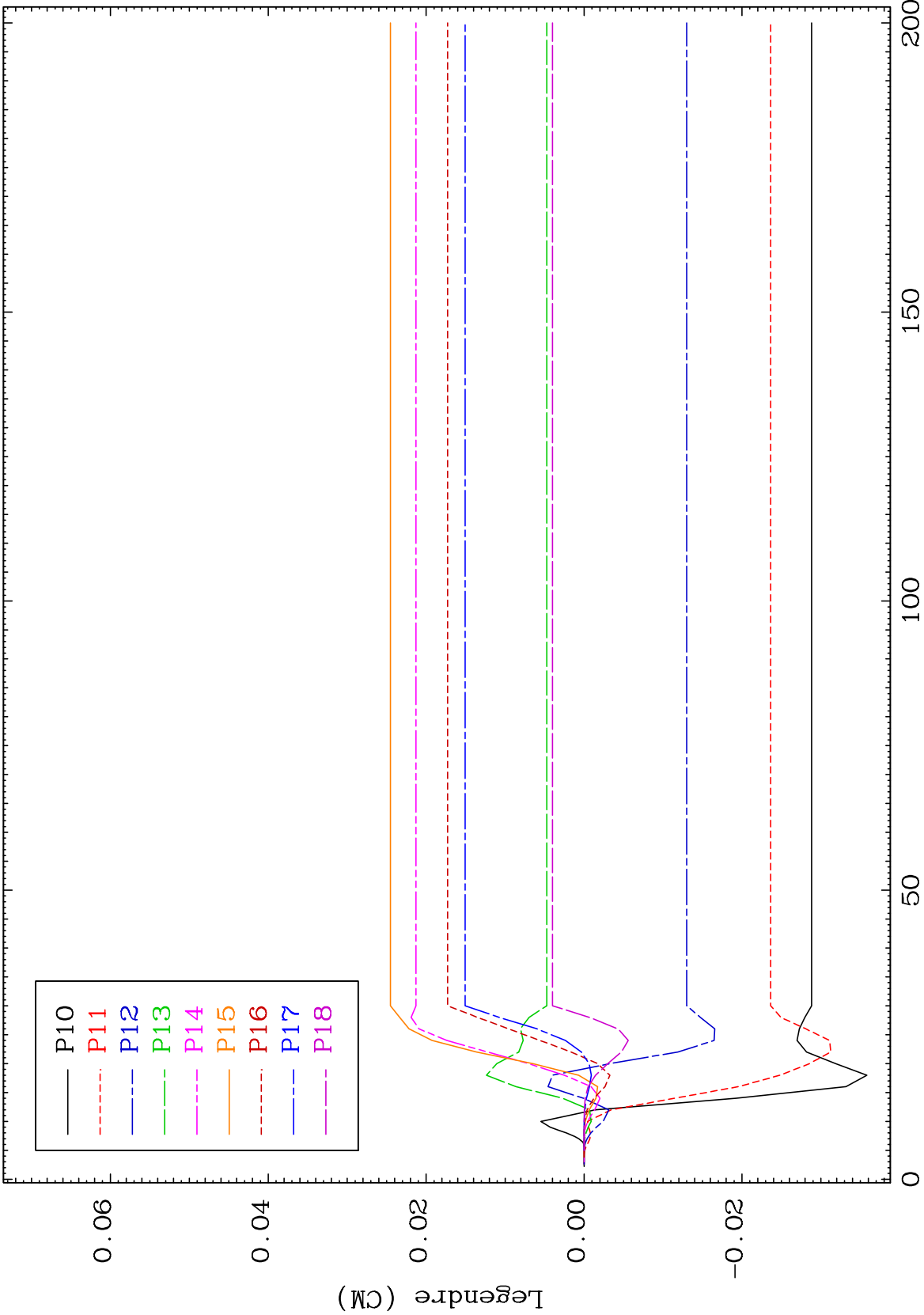




MAT 8007

2.073 MeV (n,n') Level
Legendre Coefficients

80-Hg-190



63

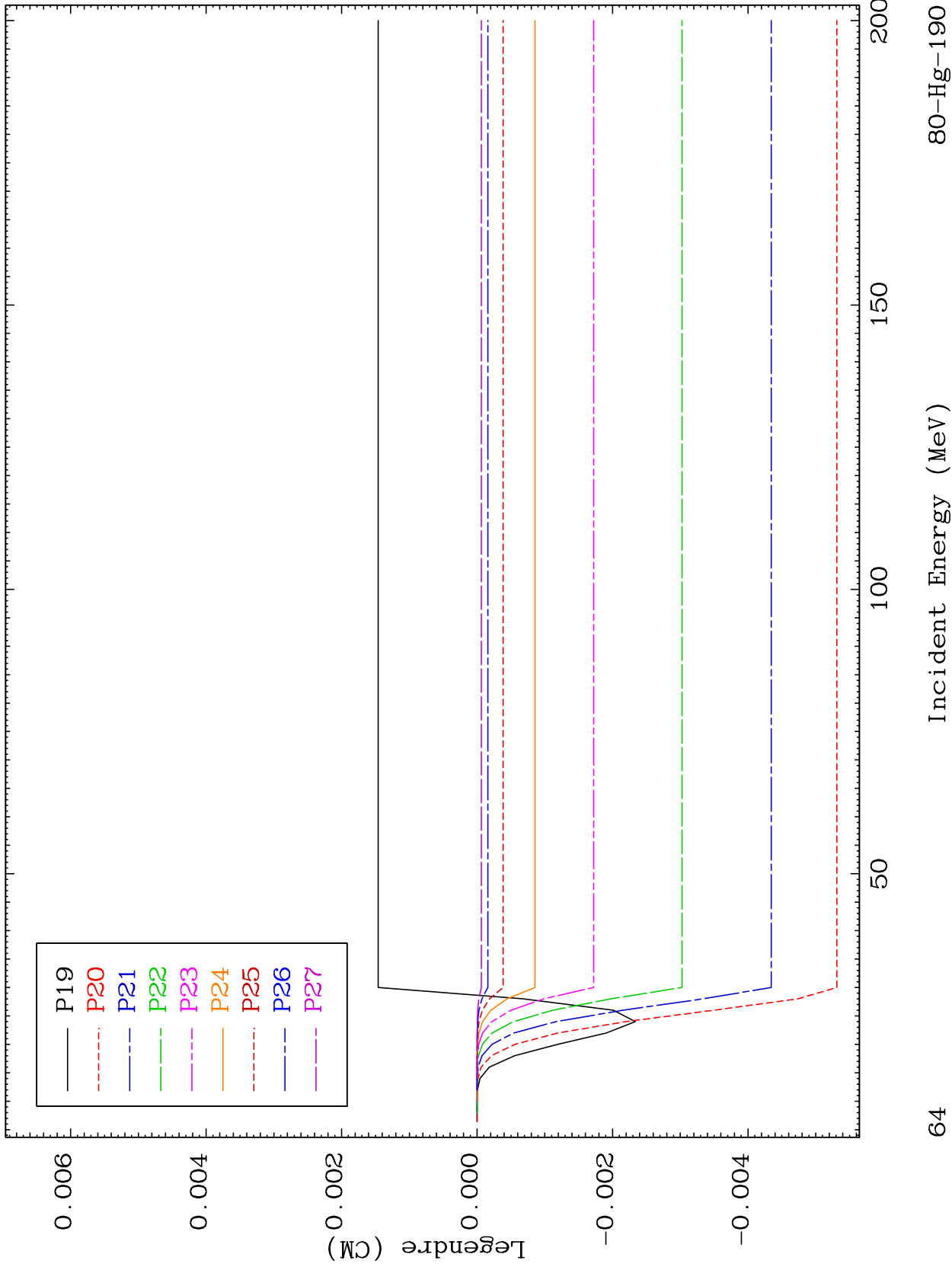
Incident Energy (MeV)

80-Hg-190

MAT 8007

2.073 MeV (n,n') Level
Legendre Coefficients

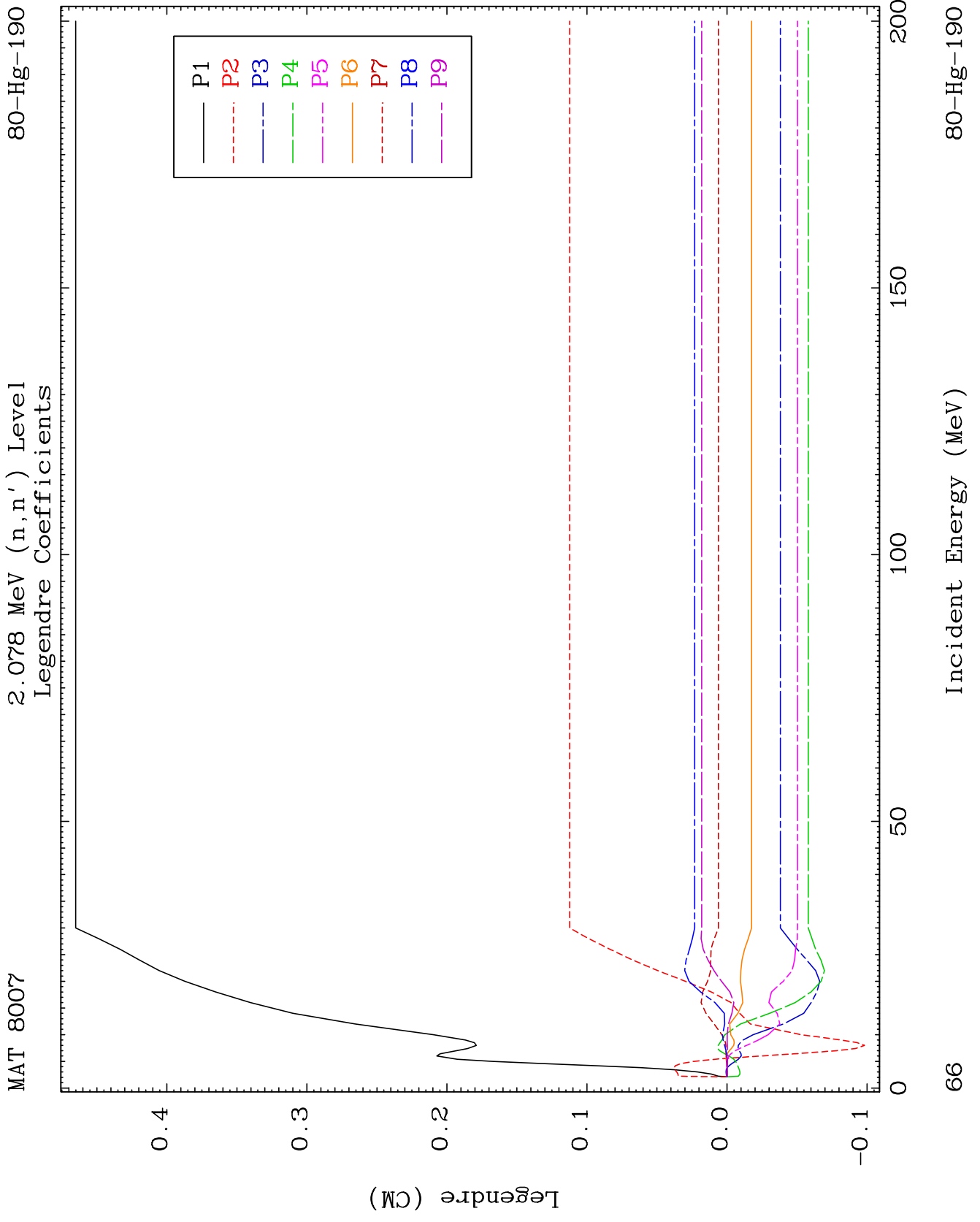
80-Hg-190

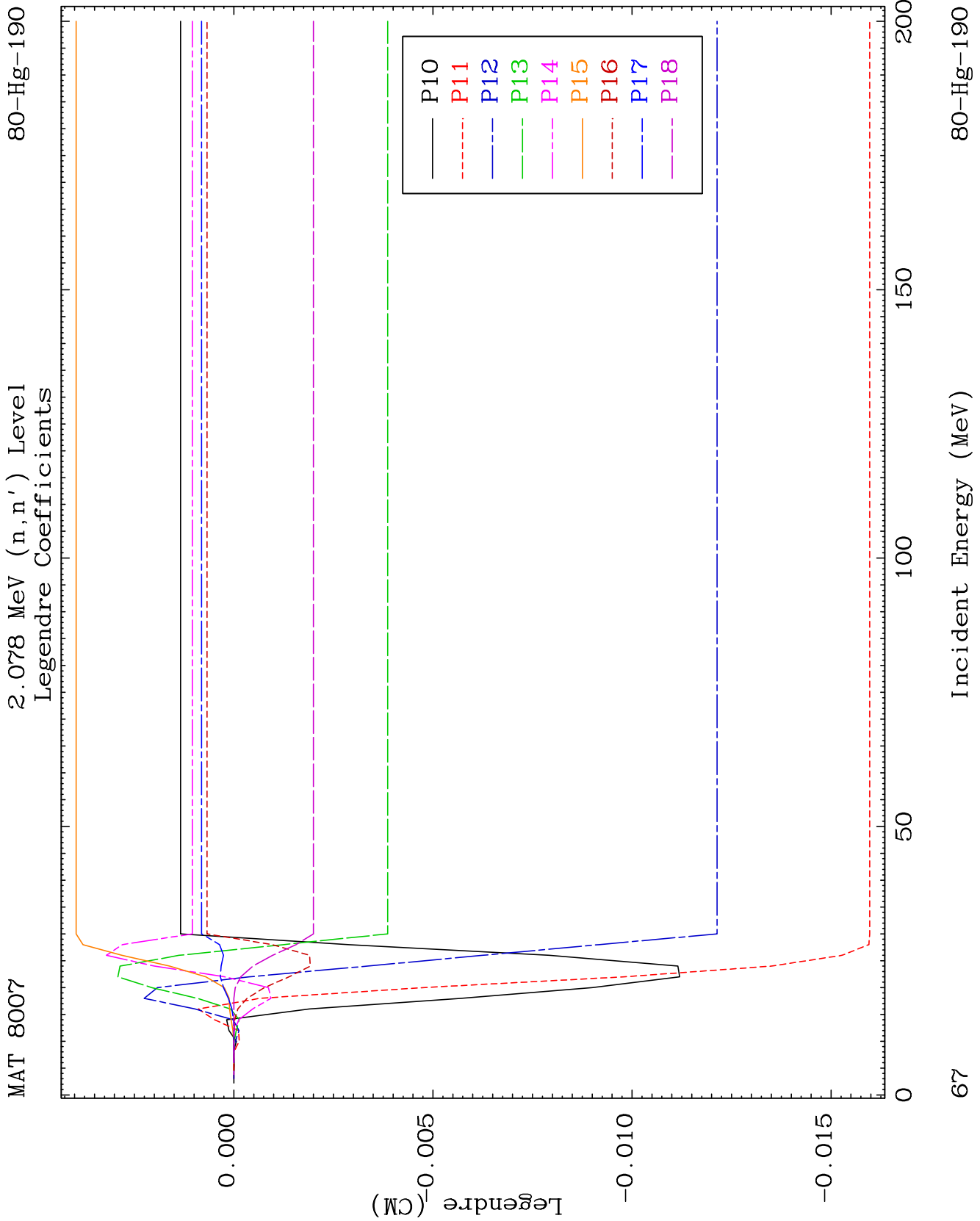


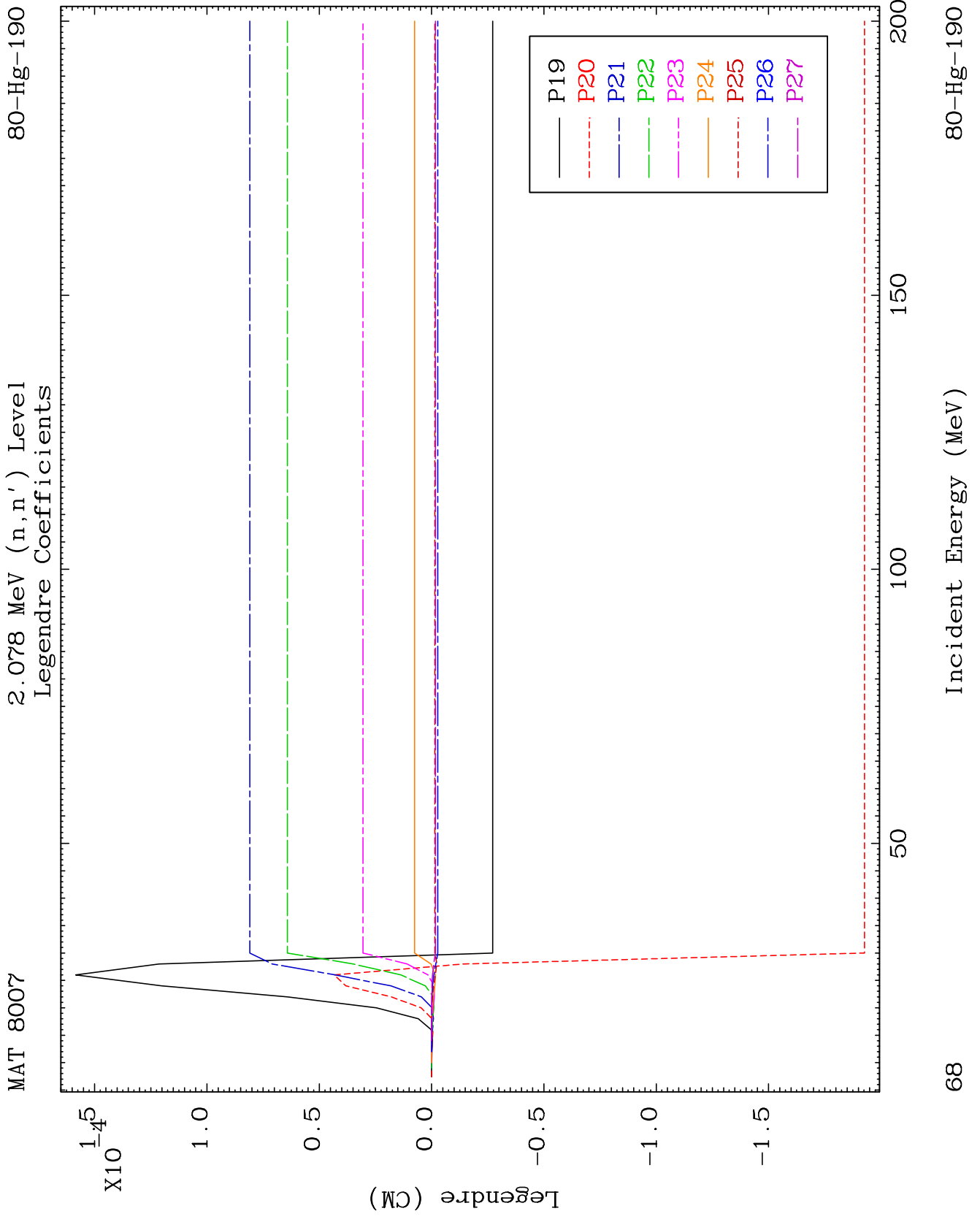
64

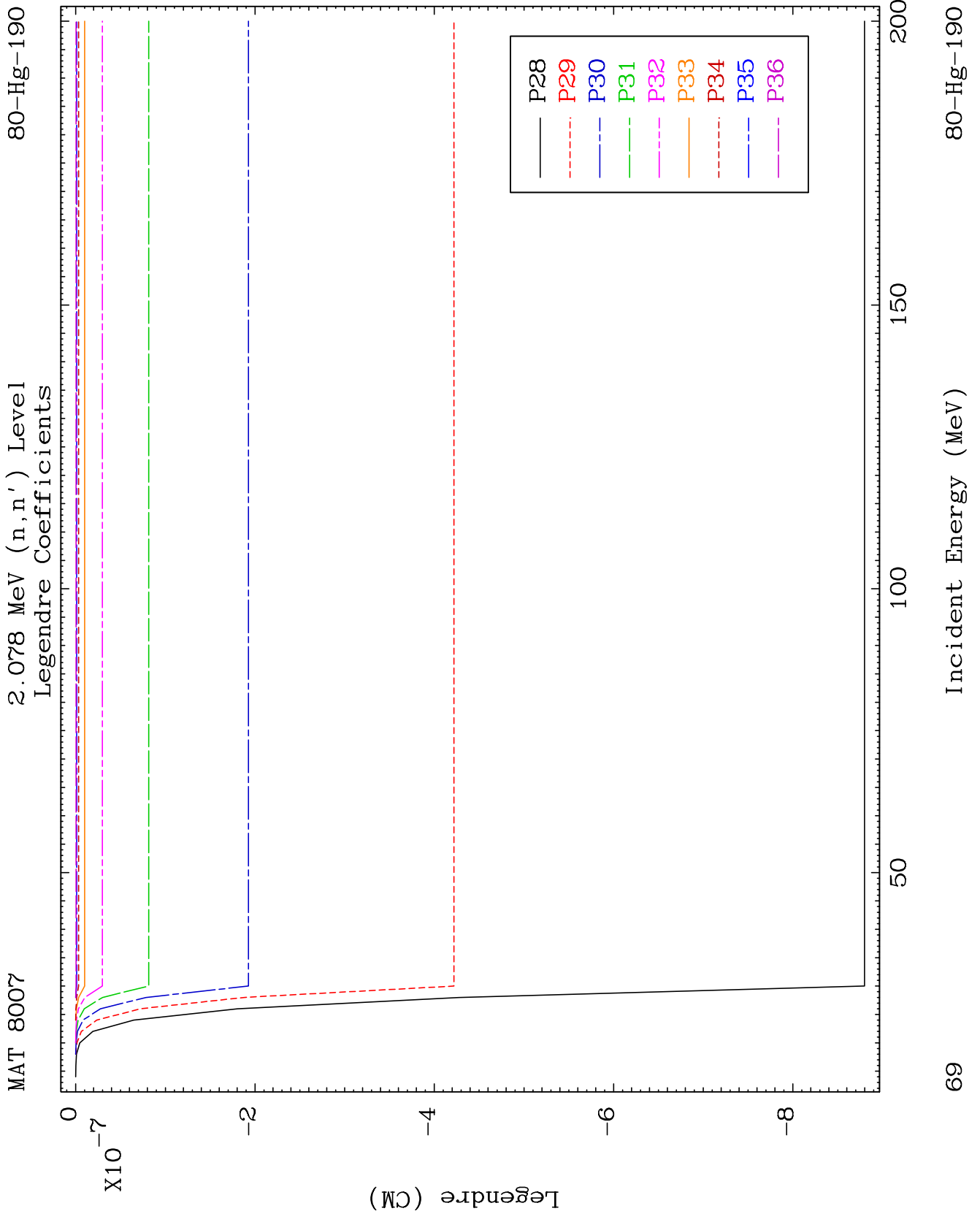
Incident Energy (MeV)

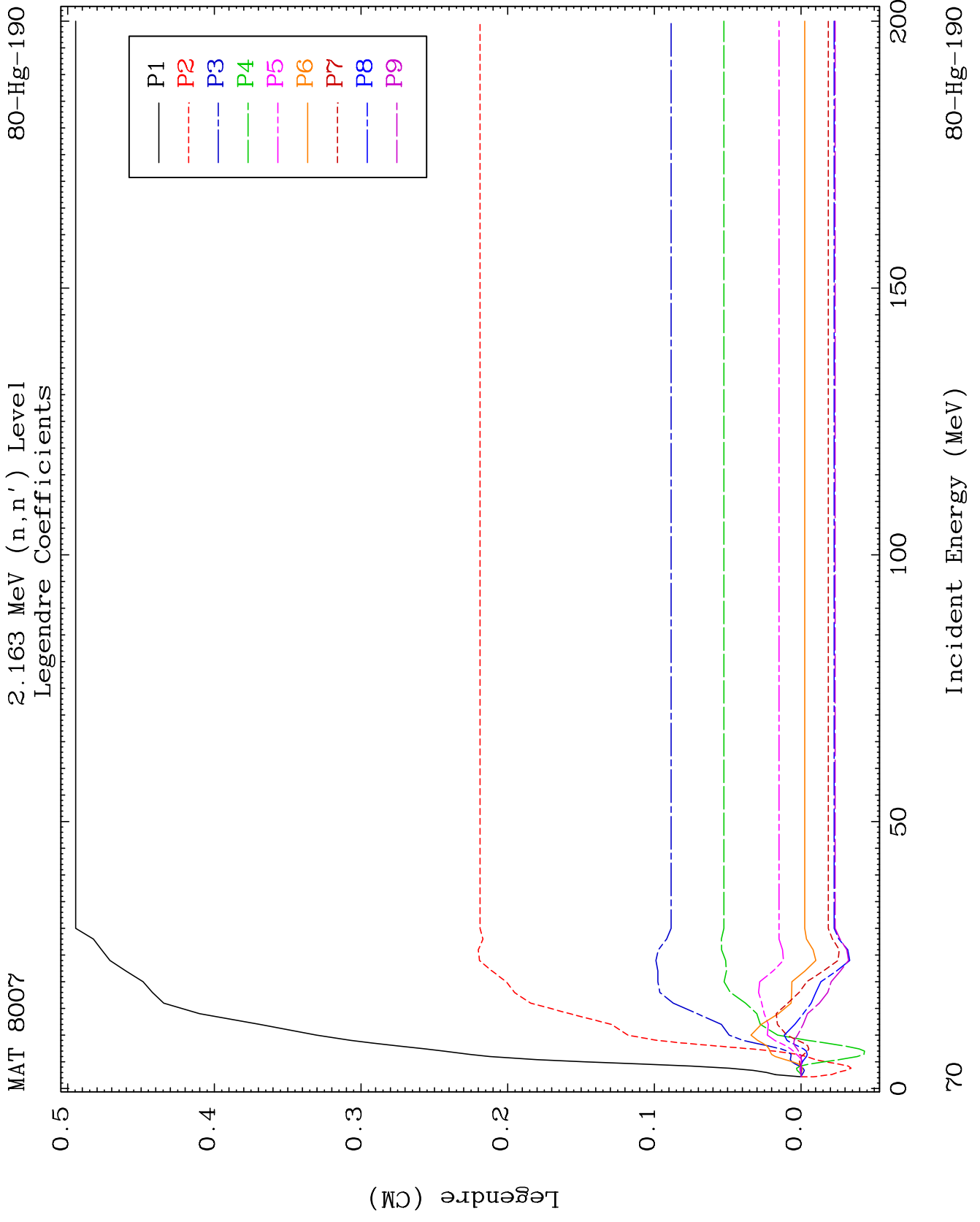
80-Hg-190







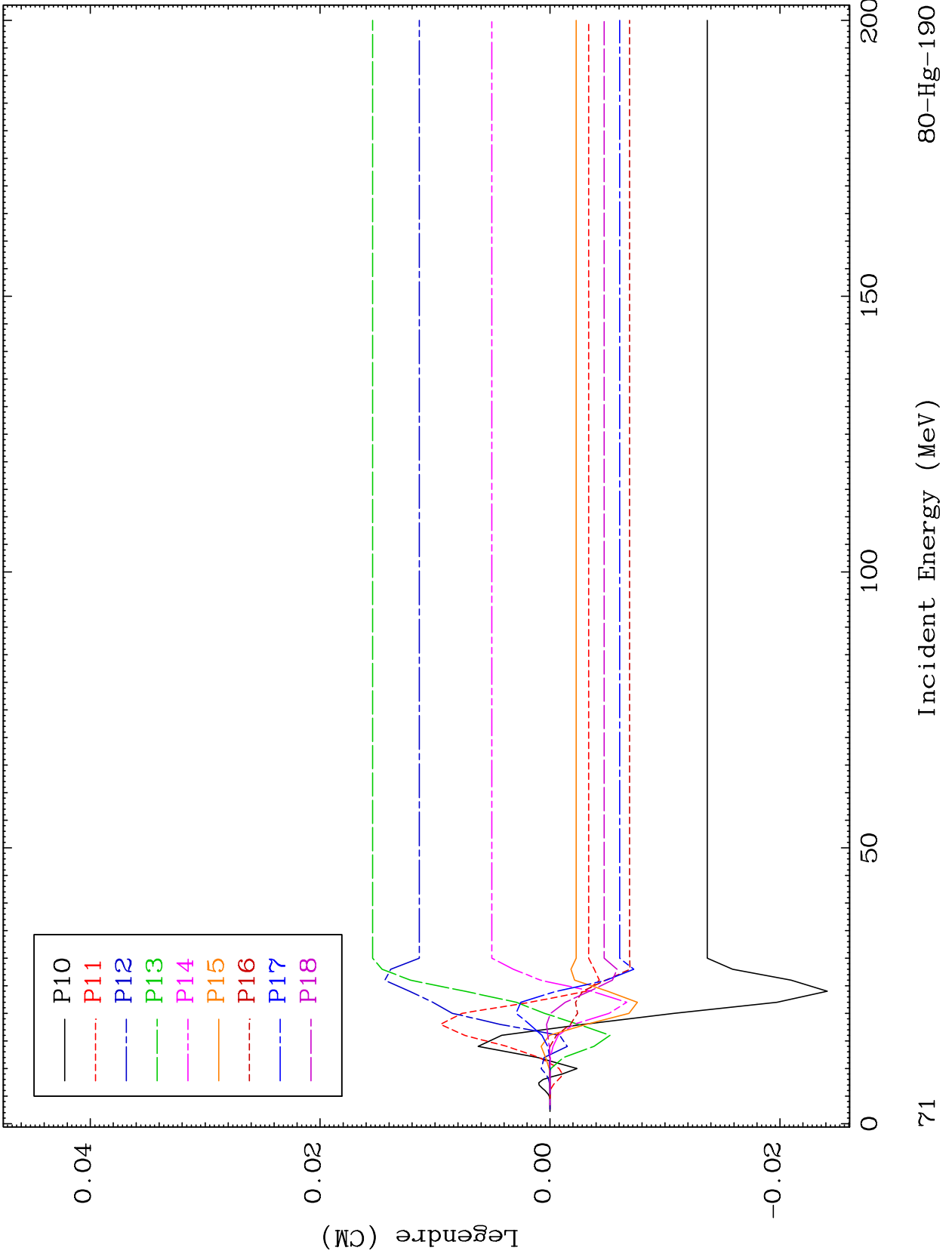




MAT 8007

2.163 MeV (n,n') Level
Legendre Coefficients

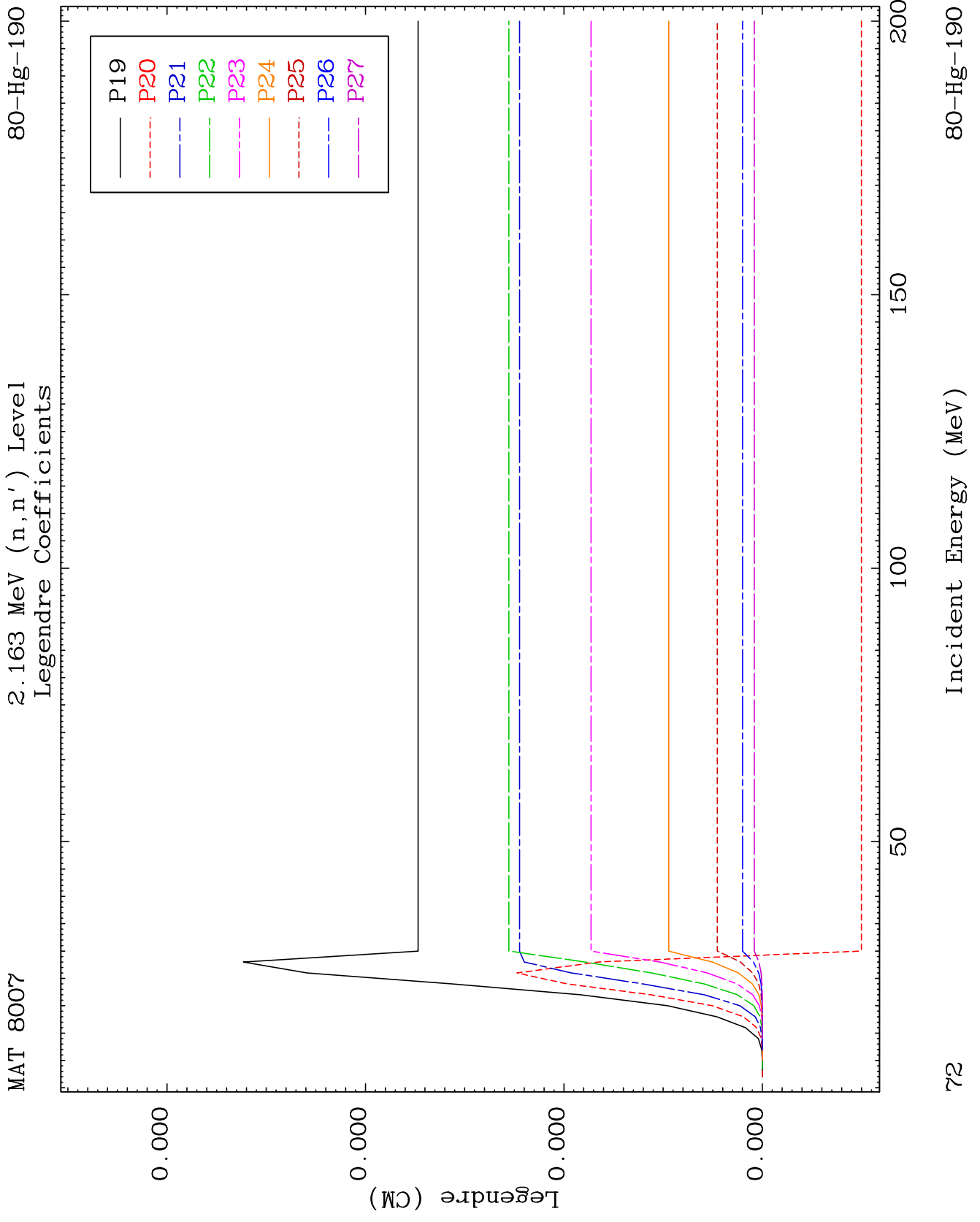
80-Hg-190

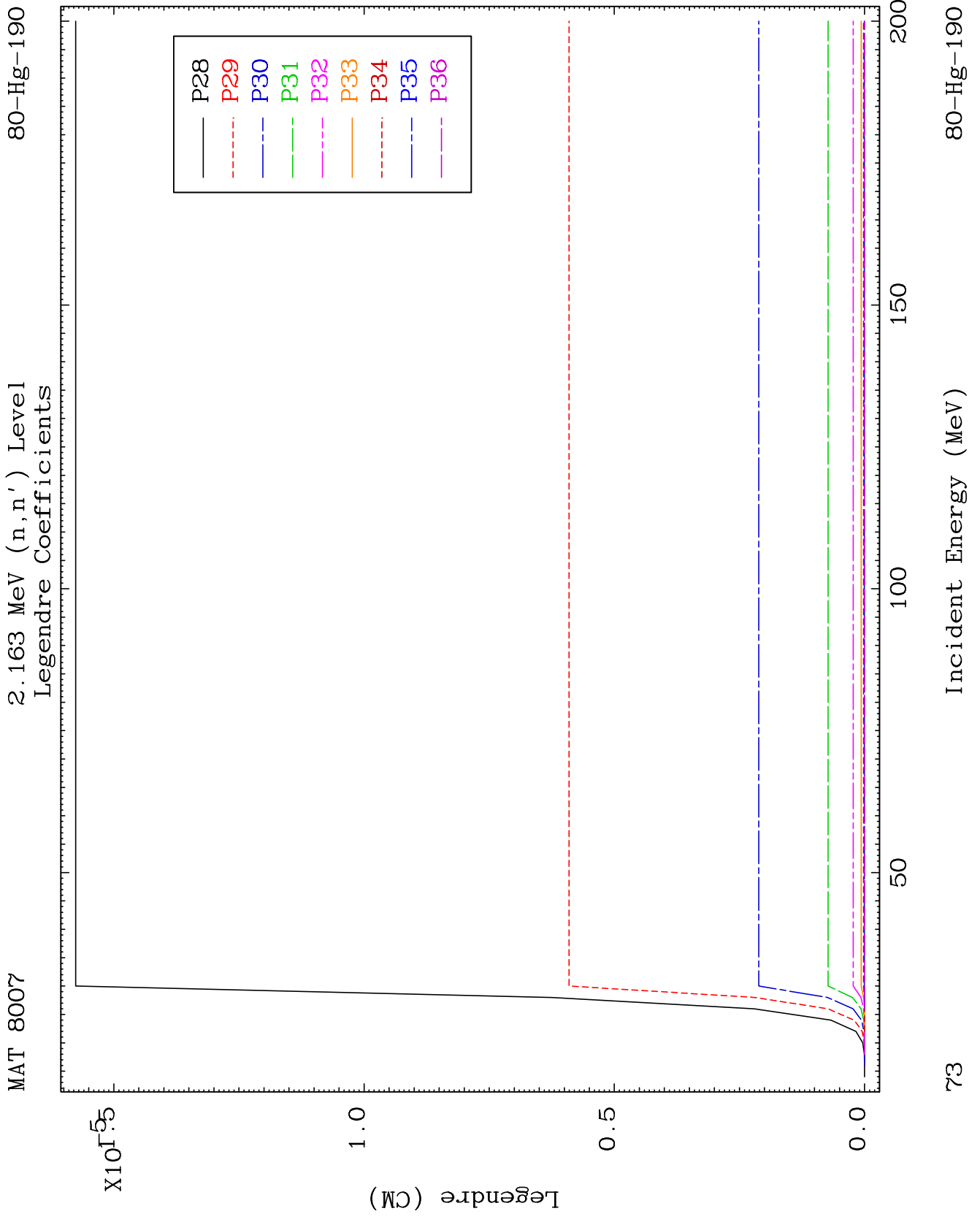


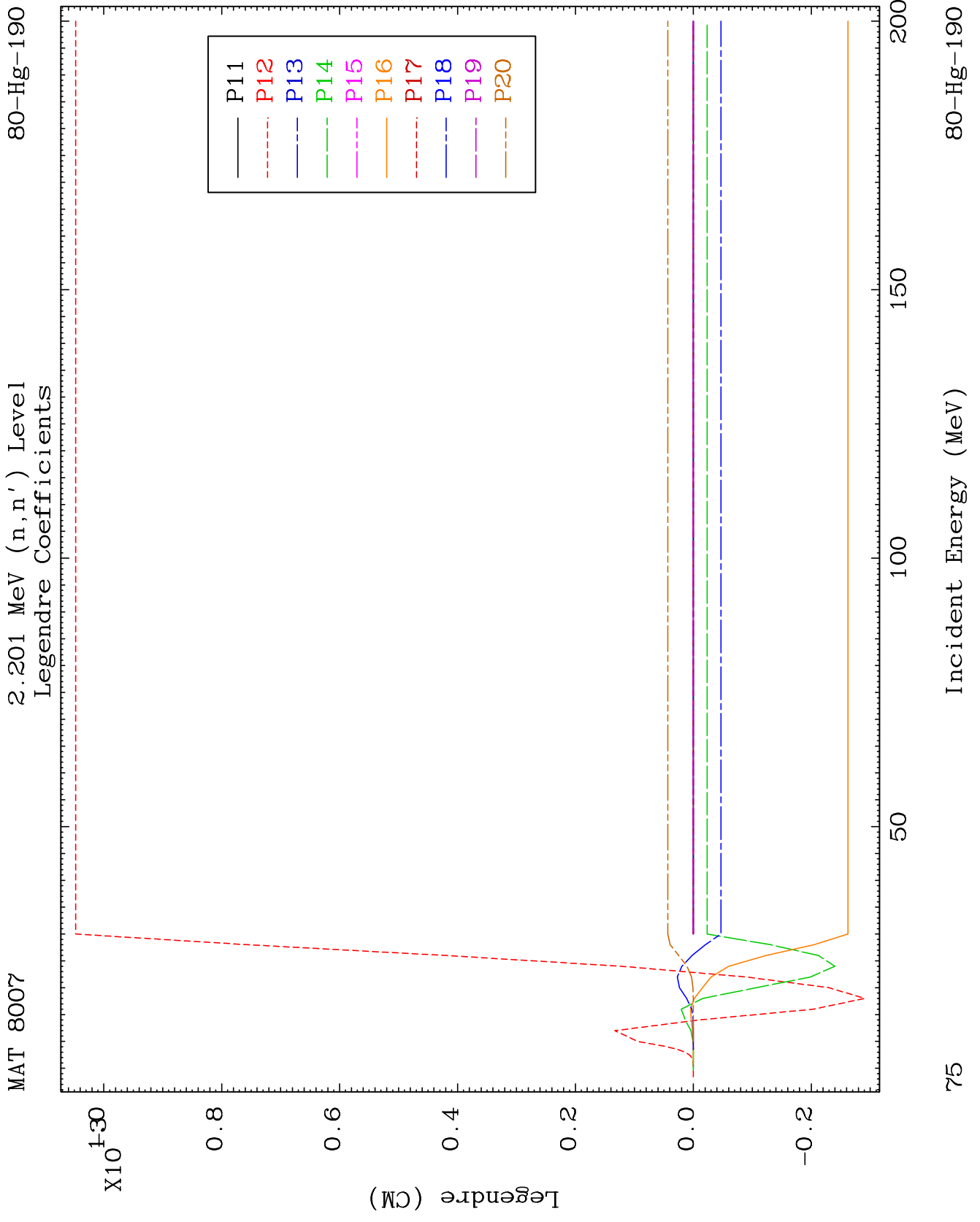
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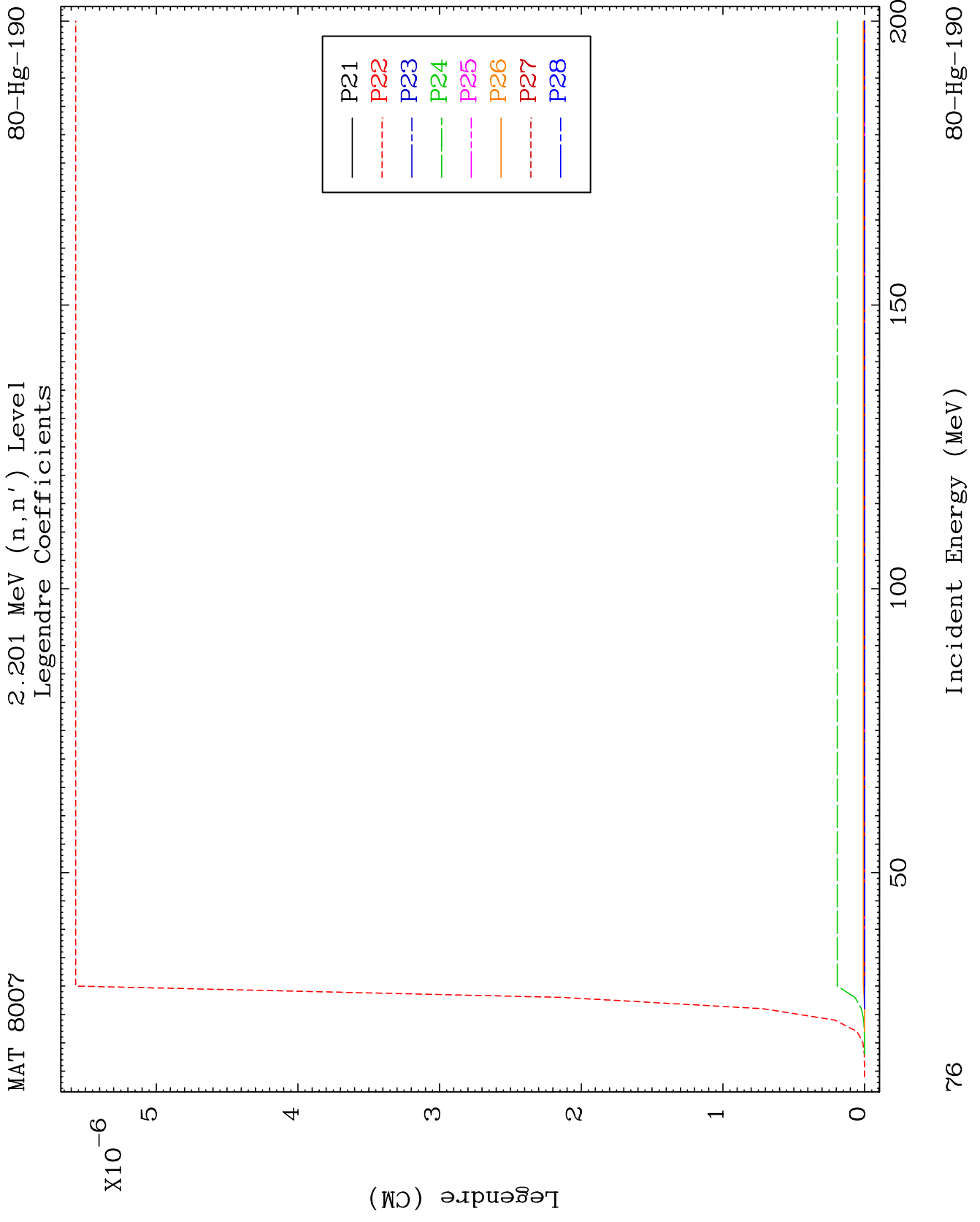
Incident Energy (MeV)

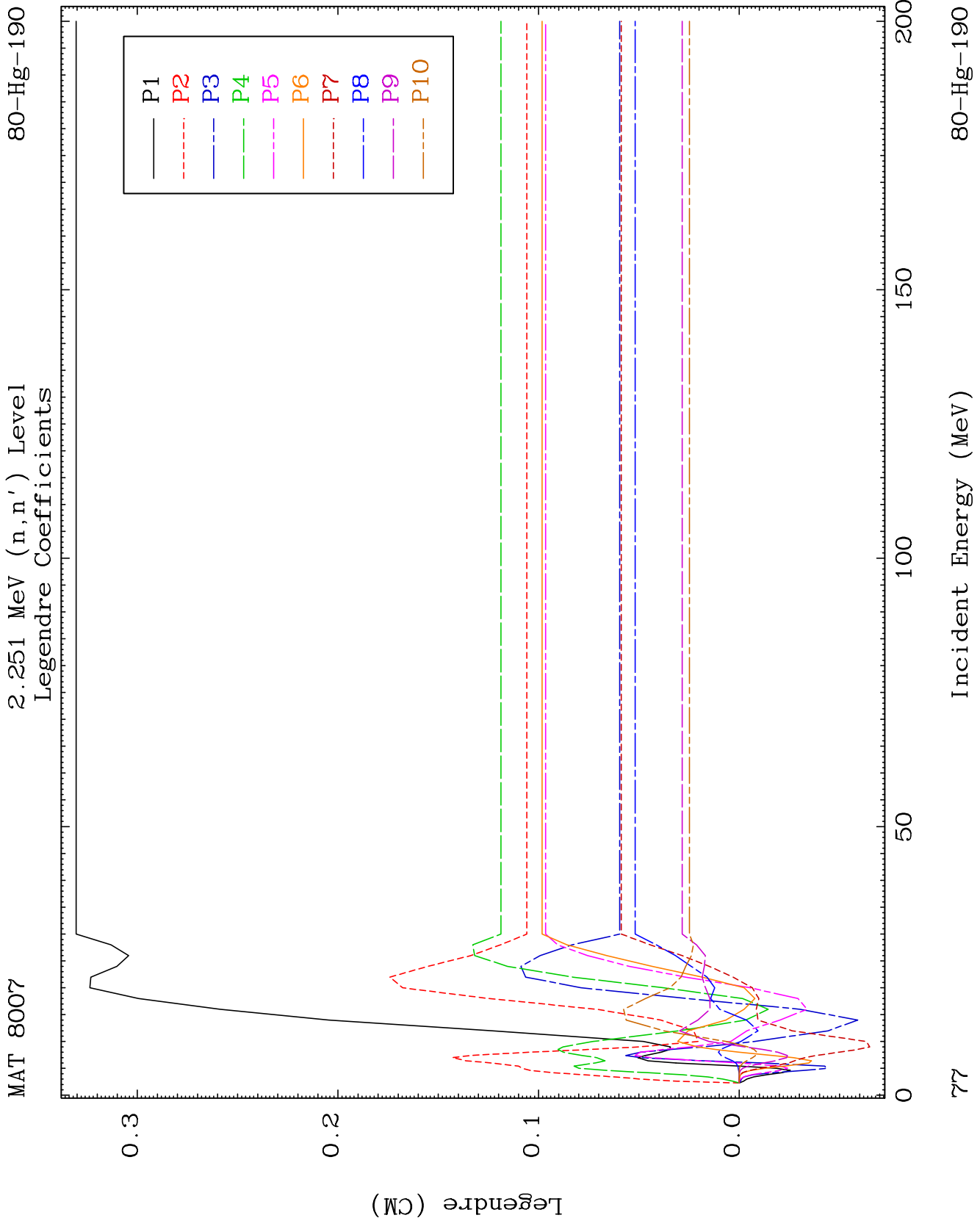
80-Hg-190

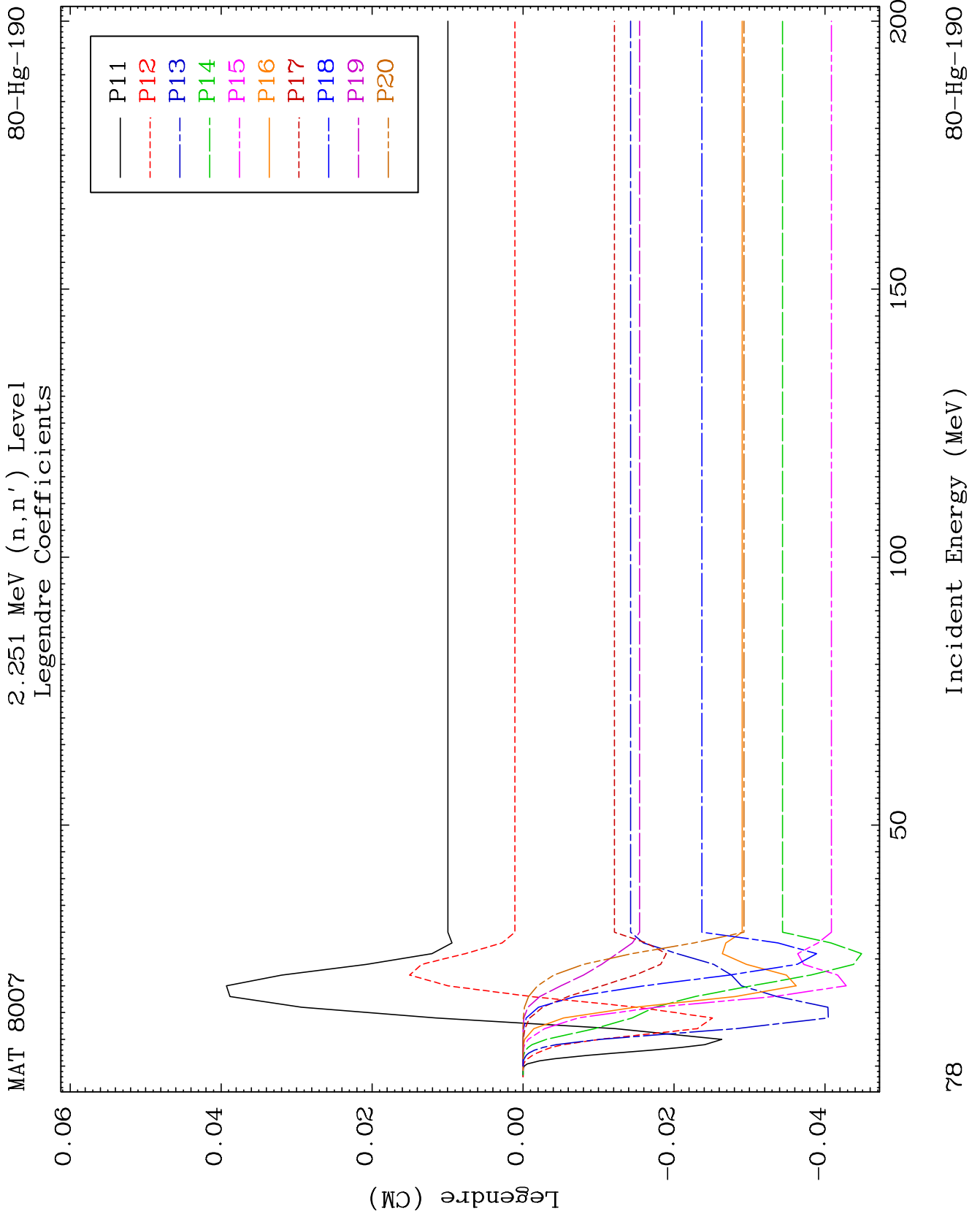


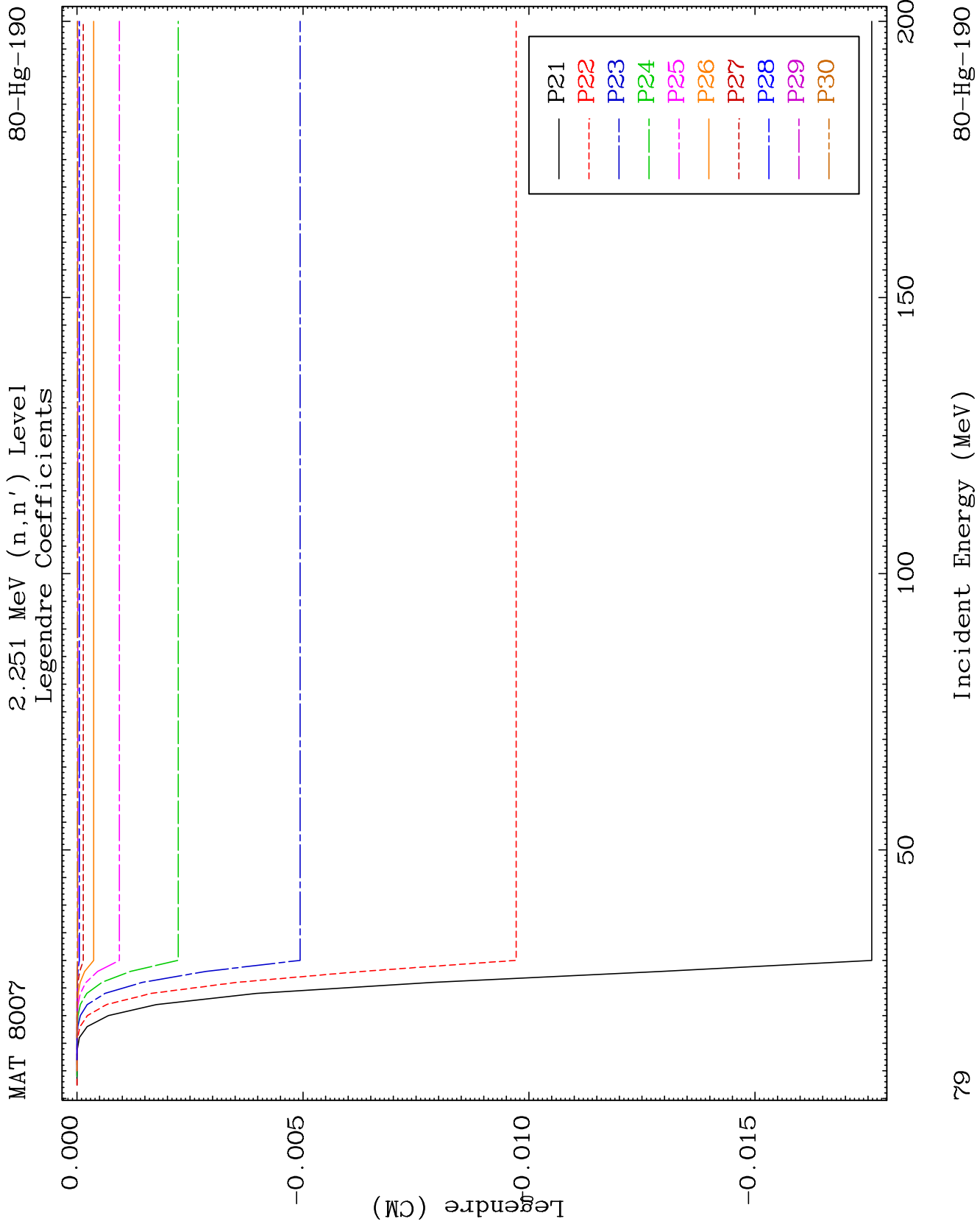


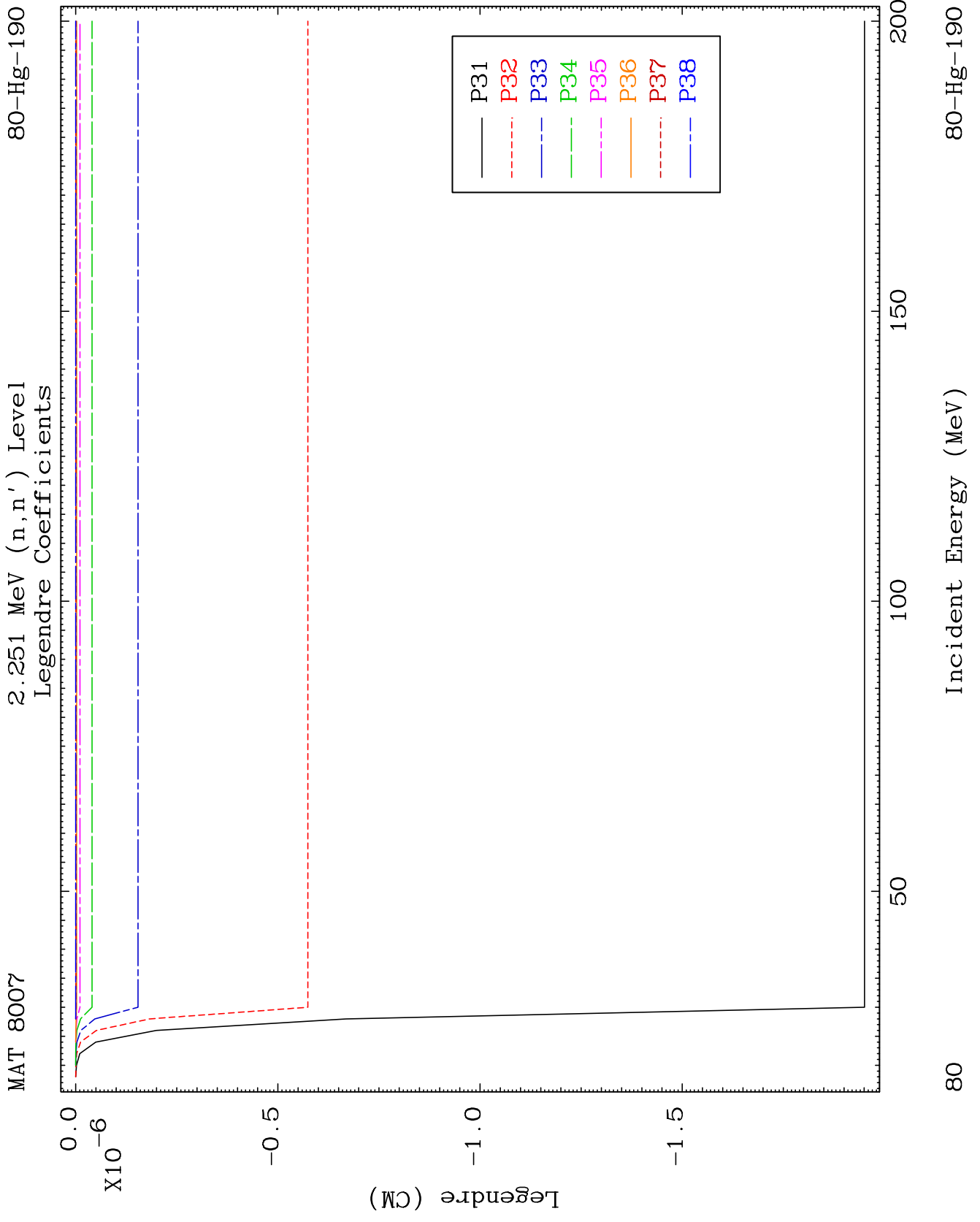


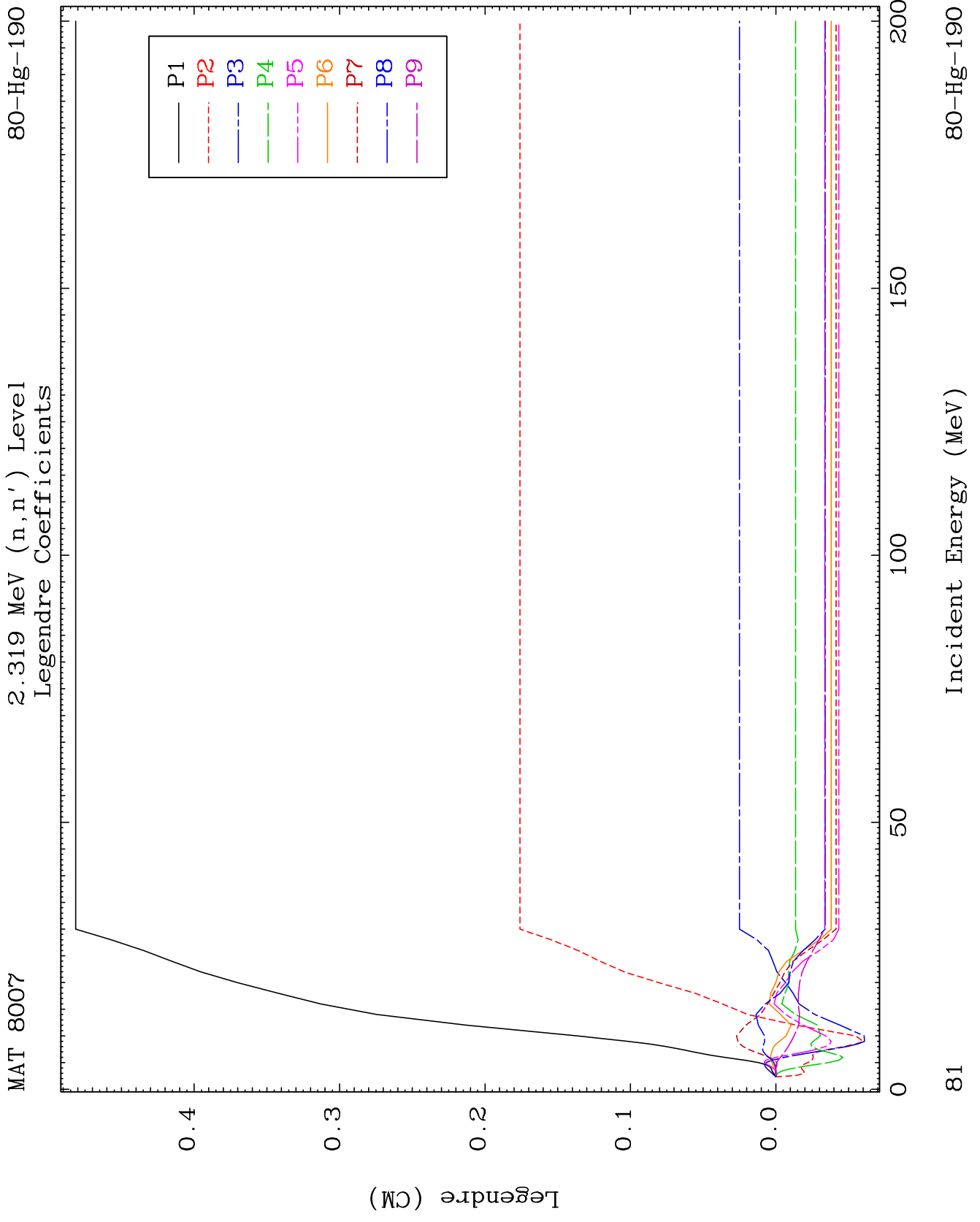








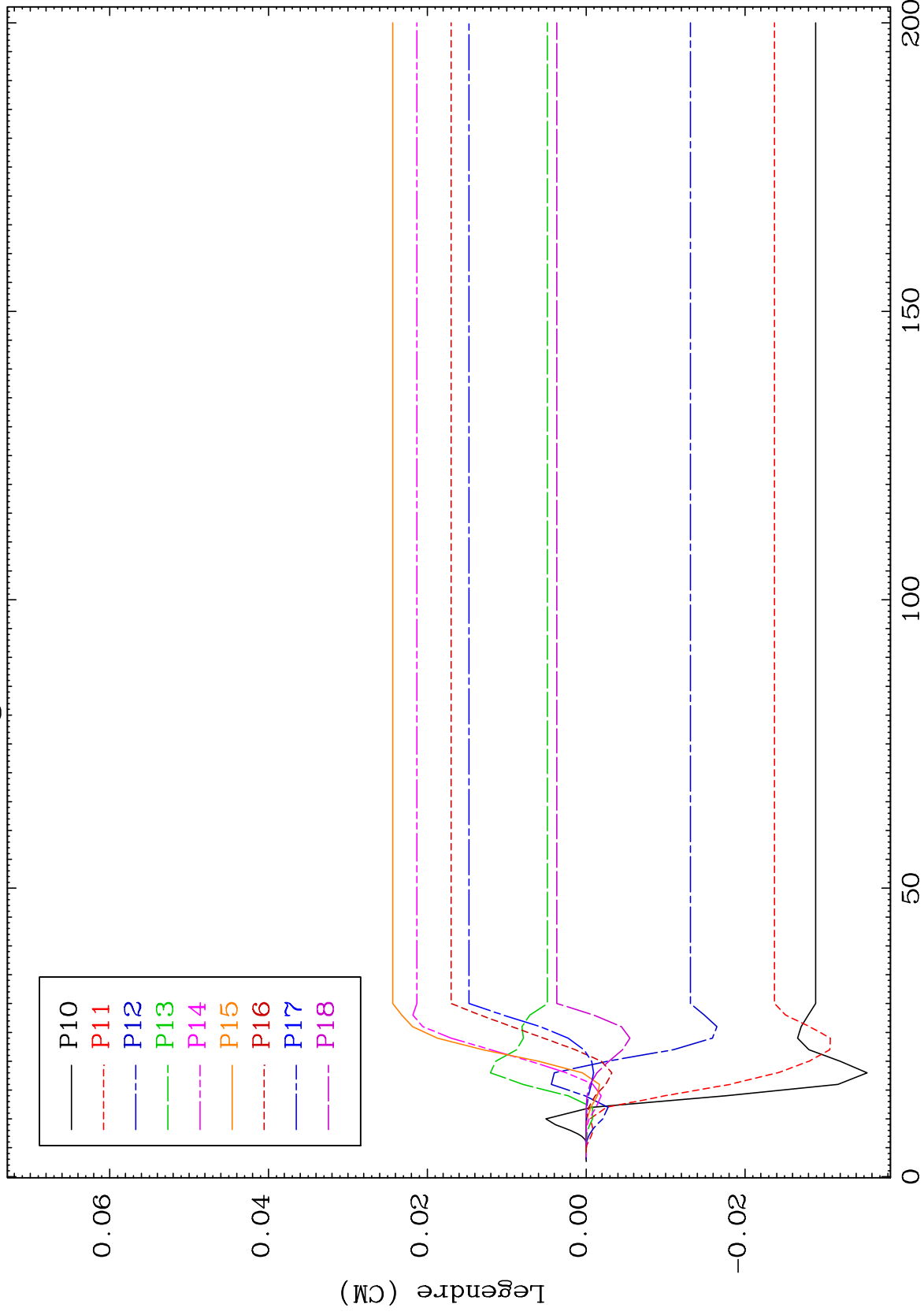




MAT 8007

2.319 MeV (n,n') Level
Legendre Coefficients

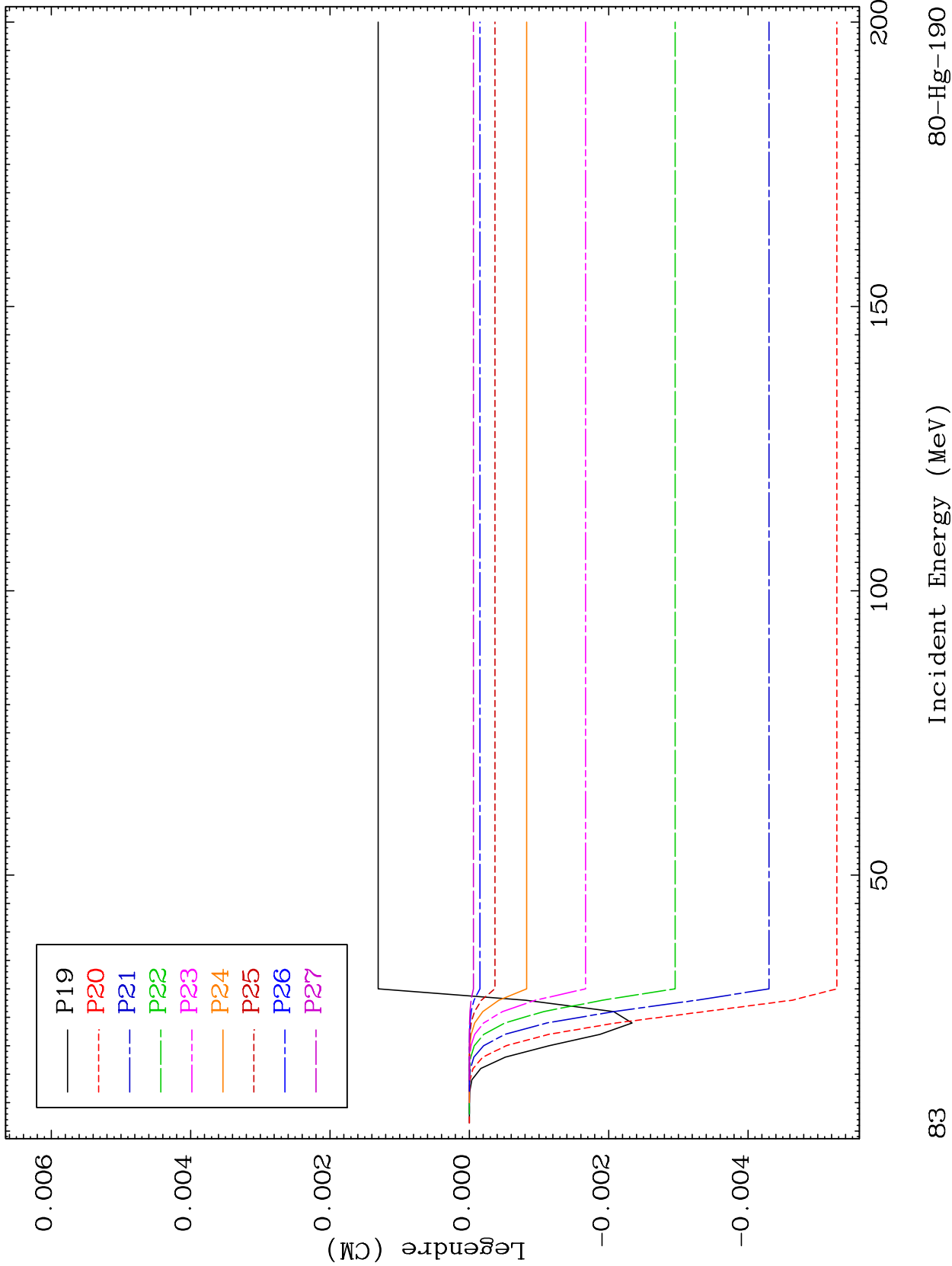
80-Hg-190

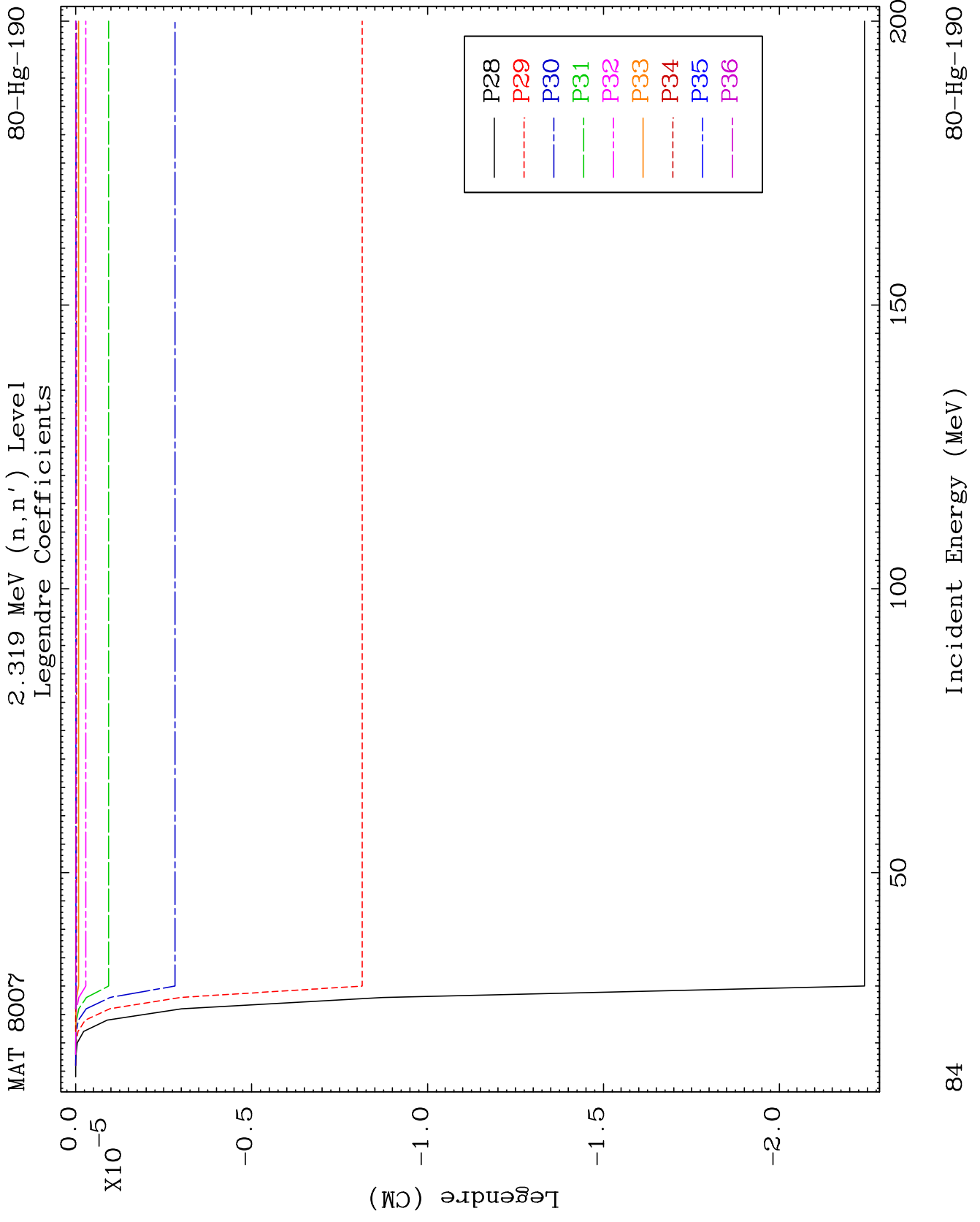


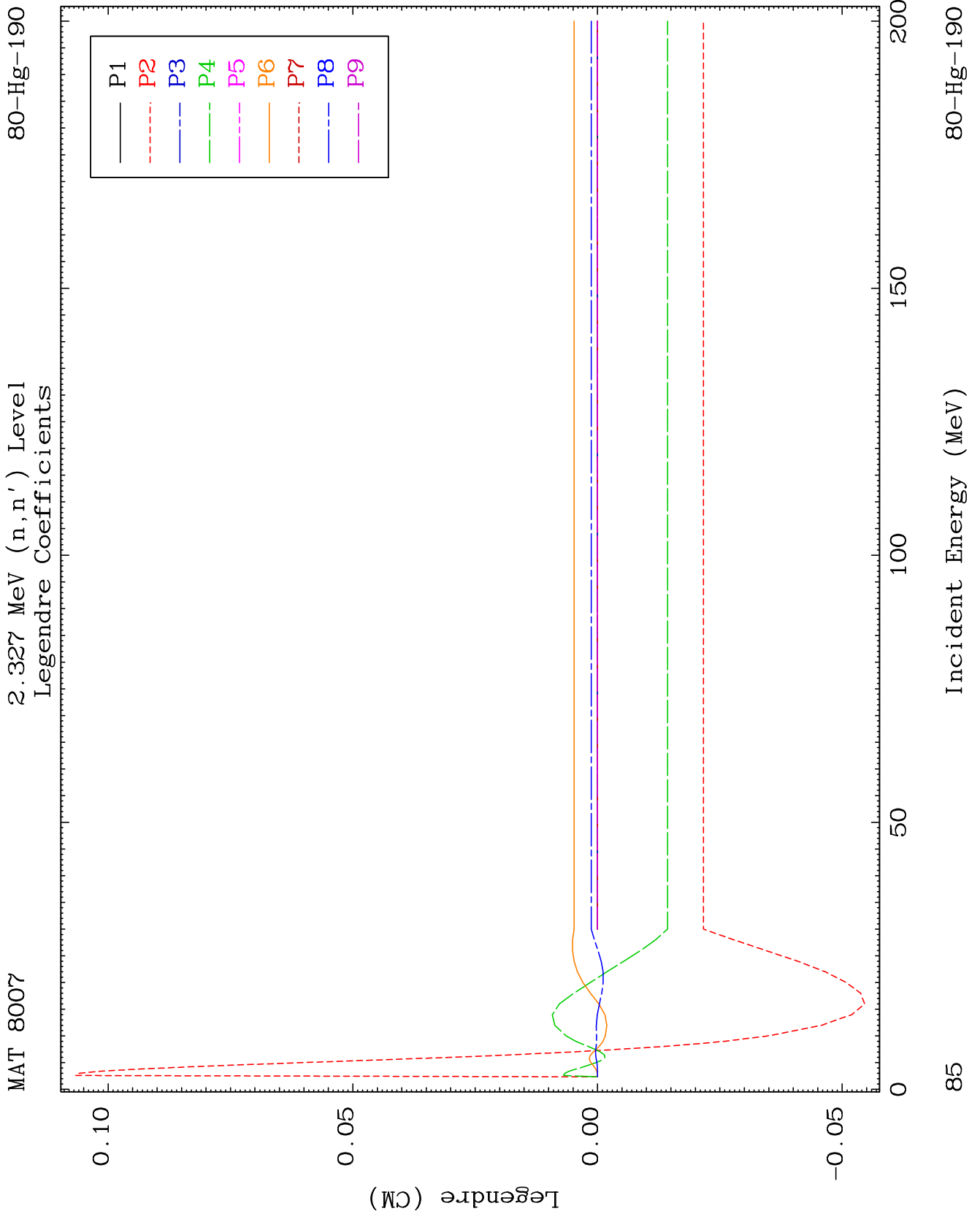
82

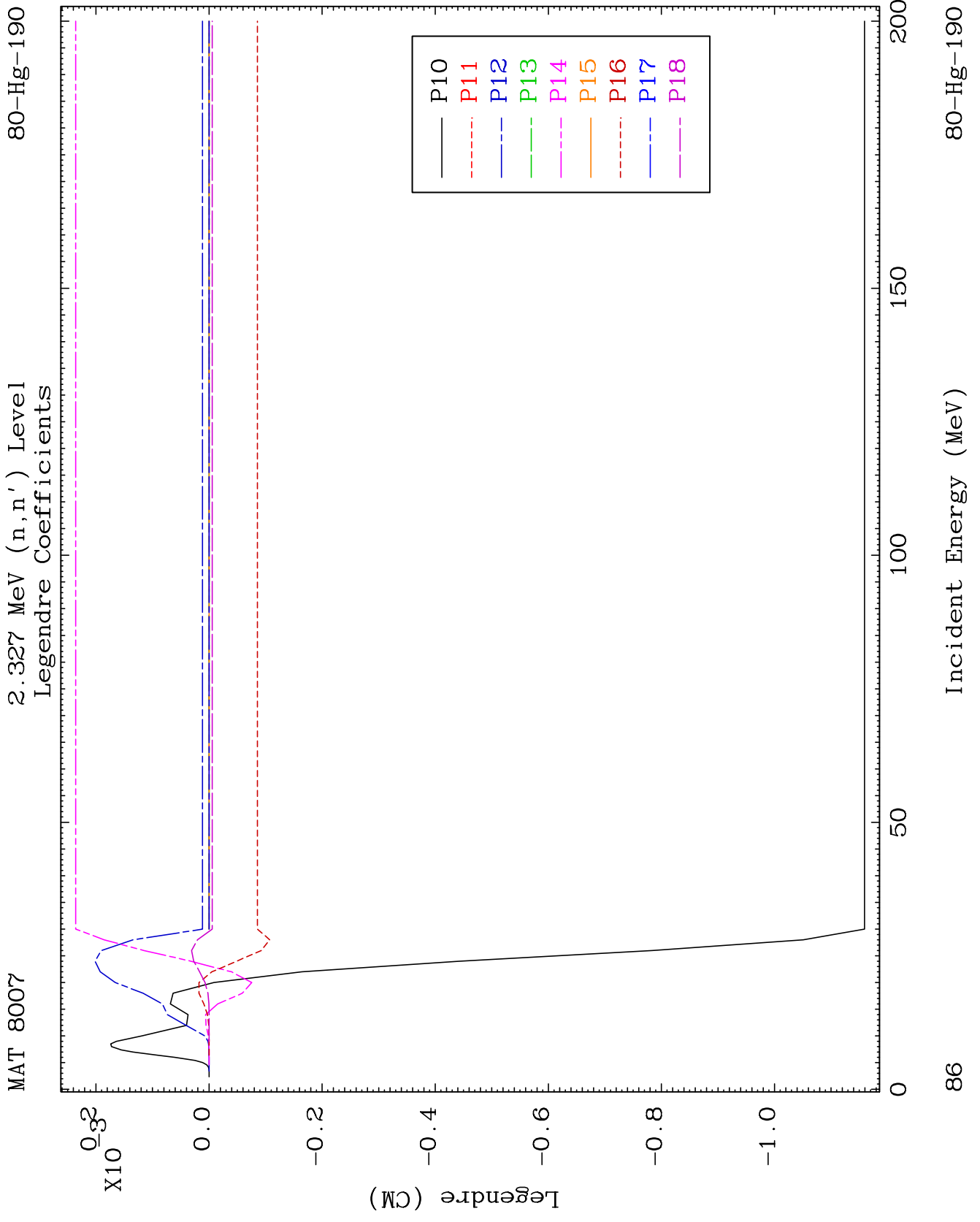
Incident Energy (MeV)

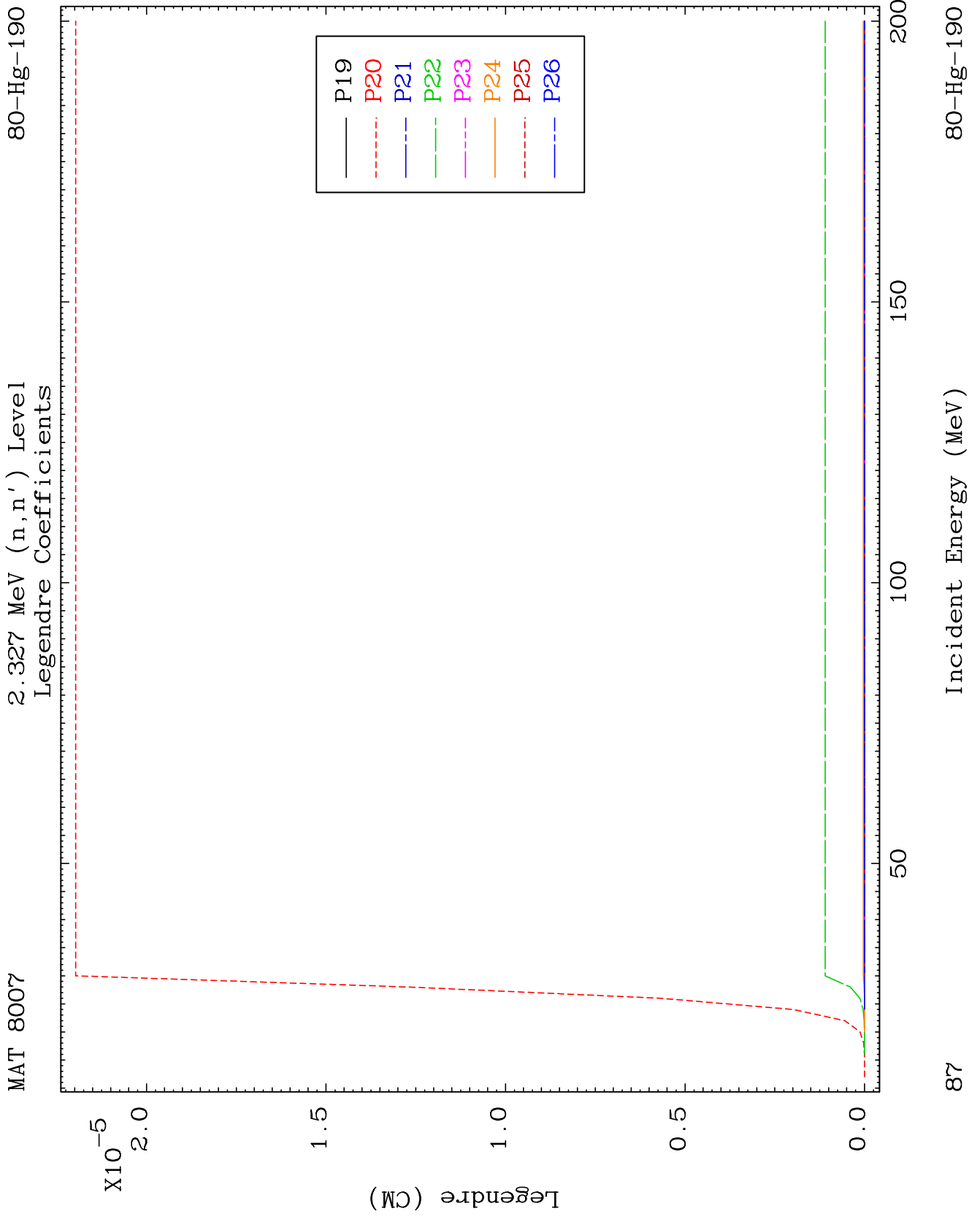
80-Hg-190

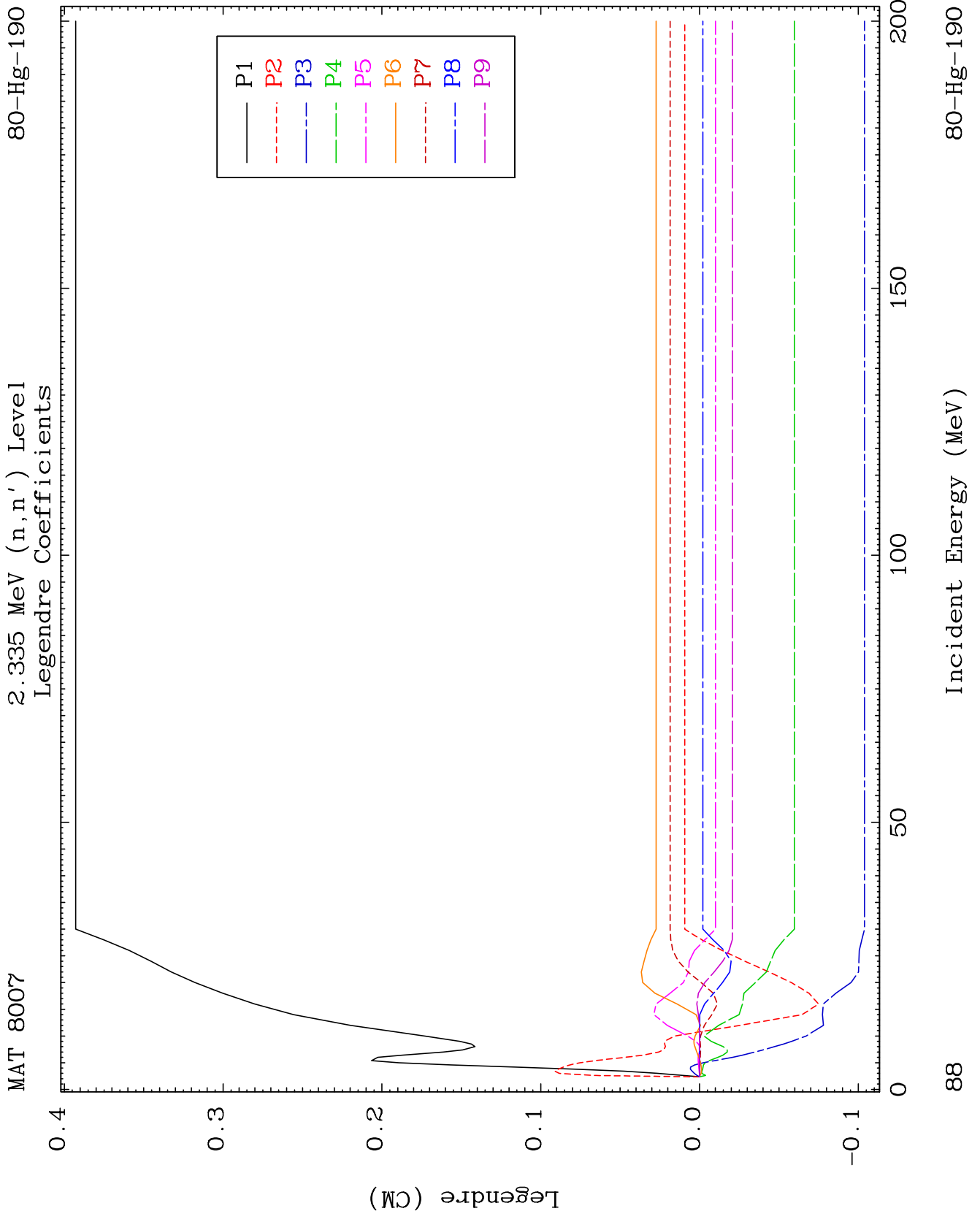


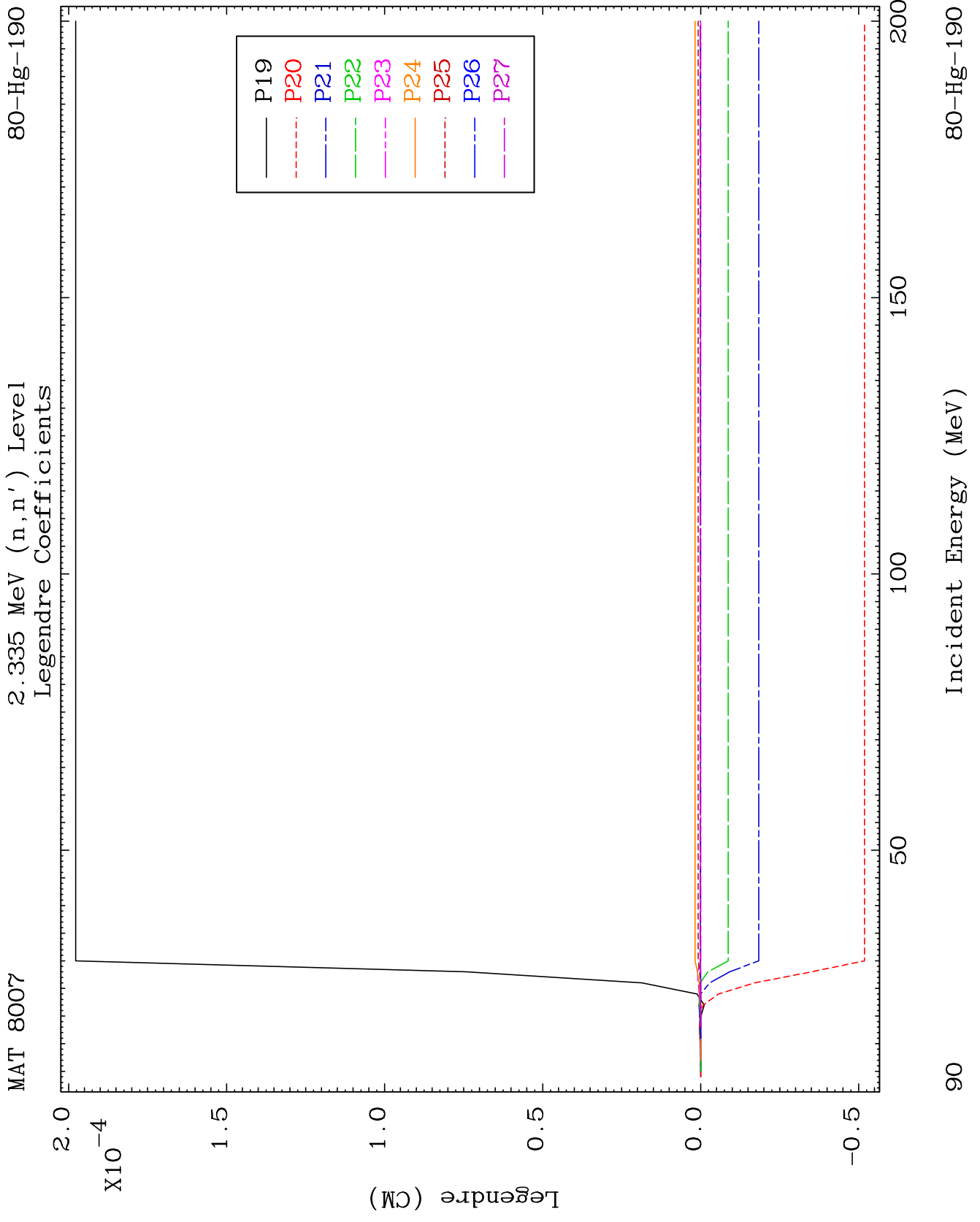


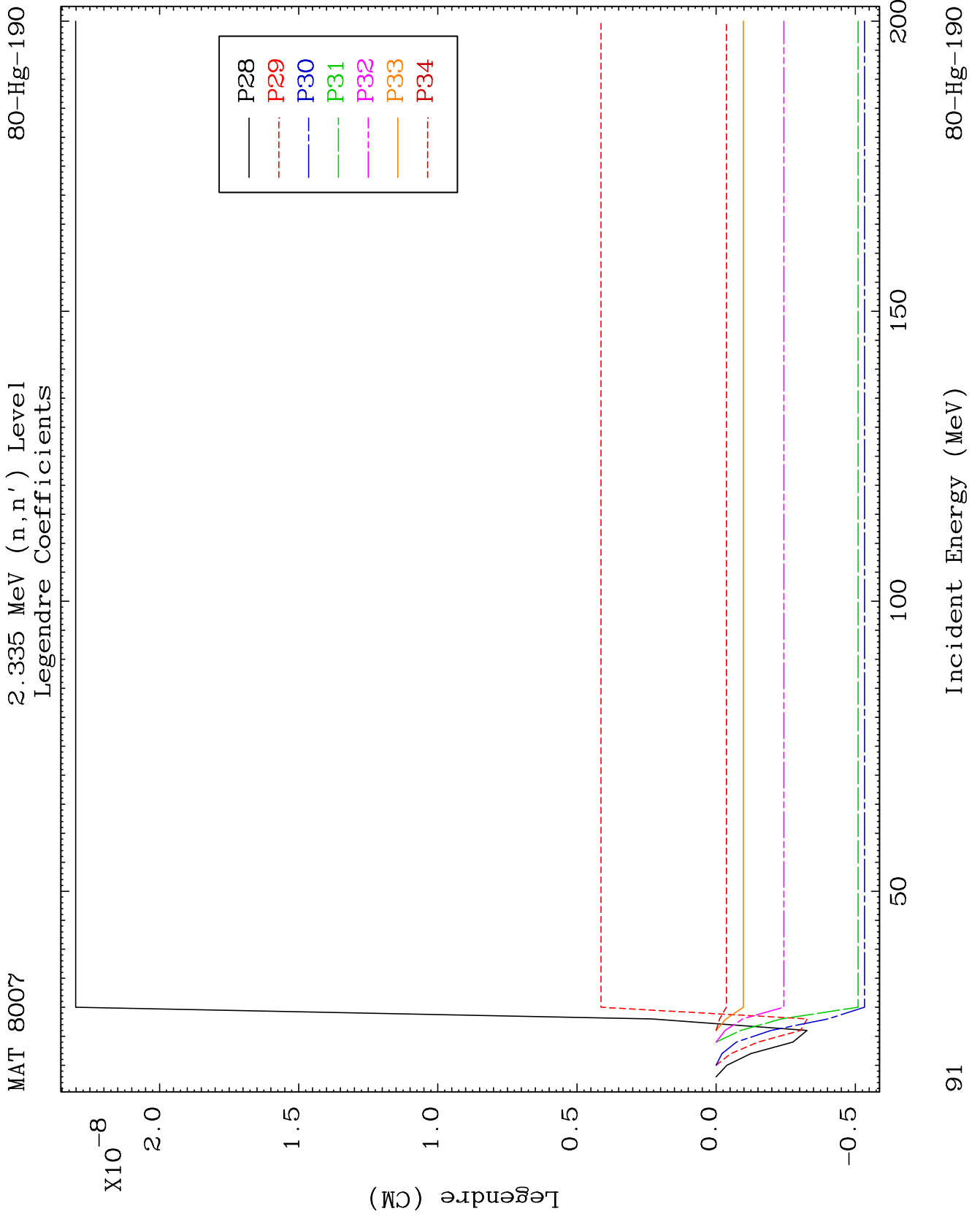


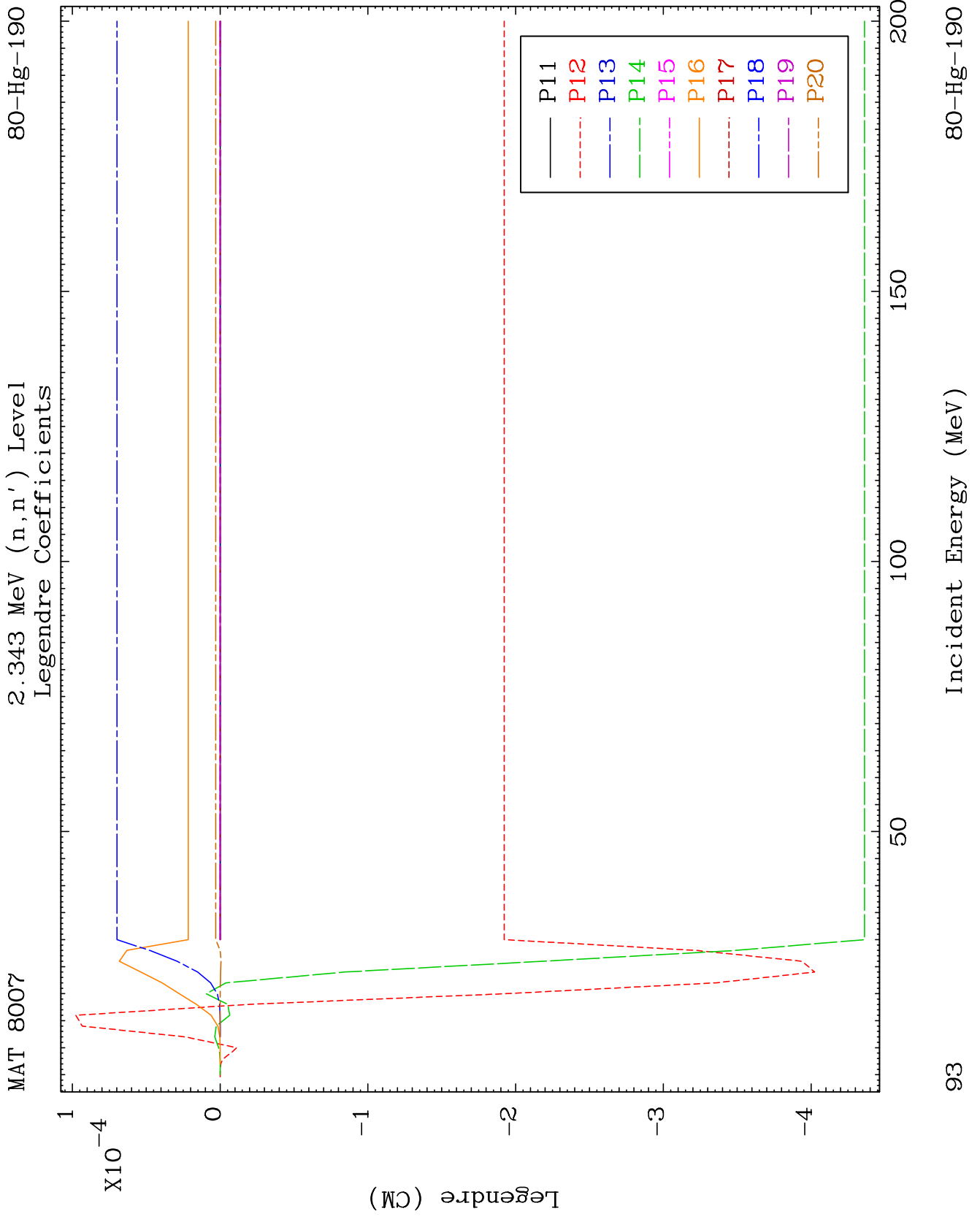


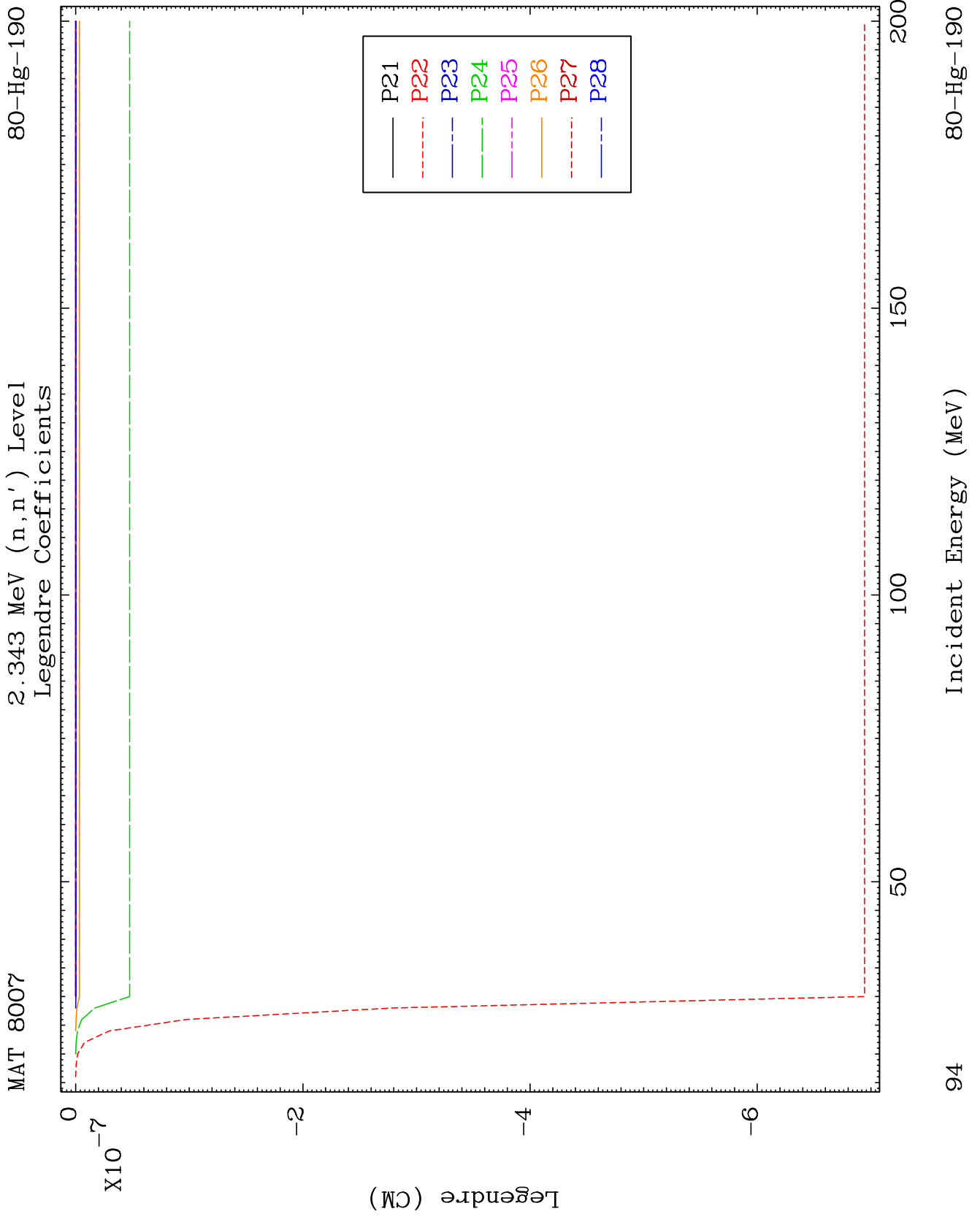








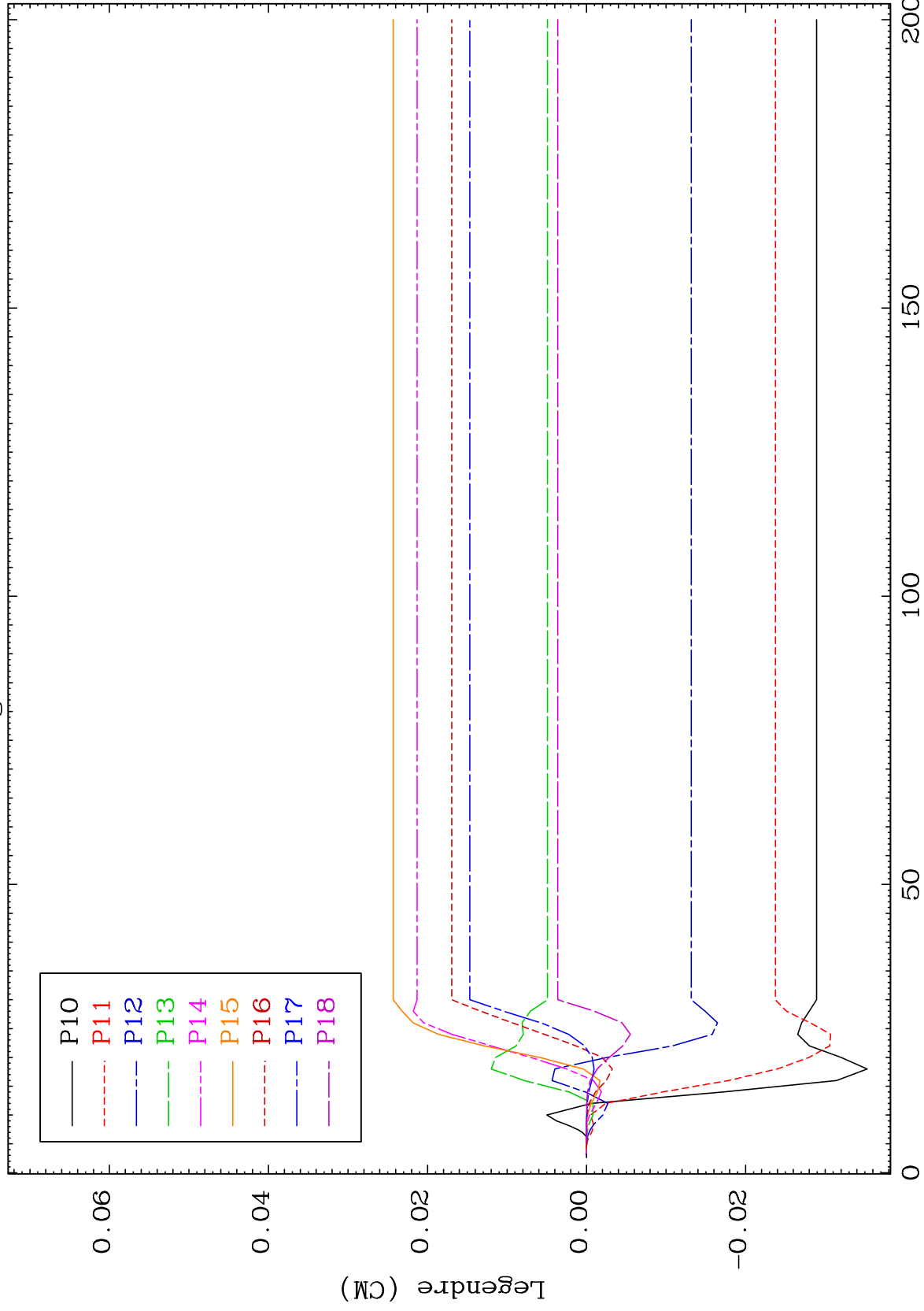




MAT 8007

2.365 MeV (n,n') Level
Legendre Coefficients

80-Hg-190



96

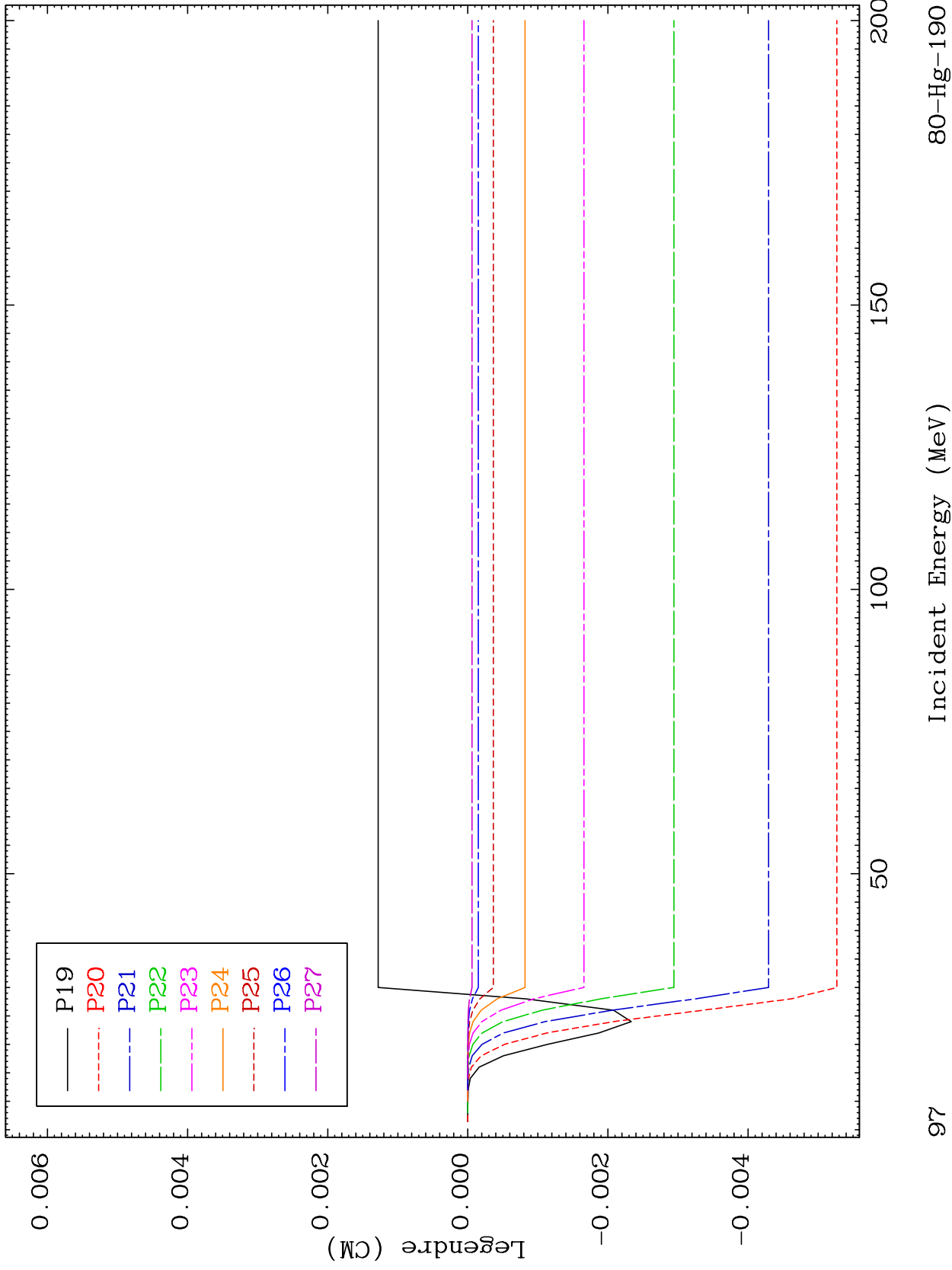
Incident Energy (MeV)

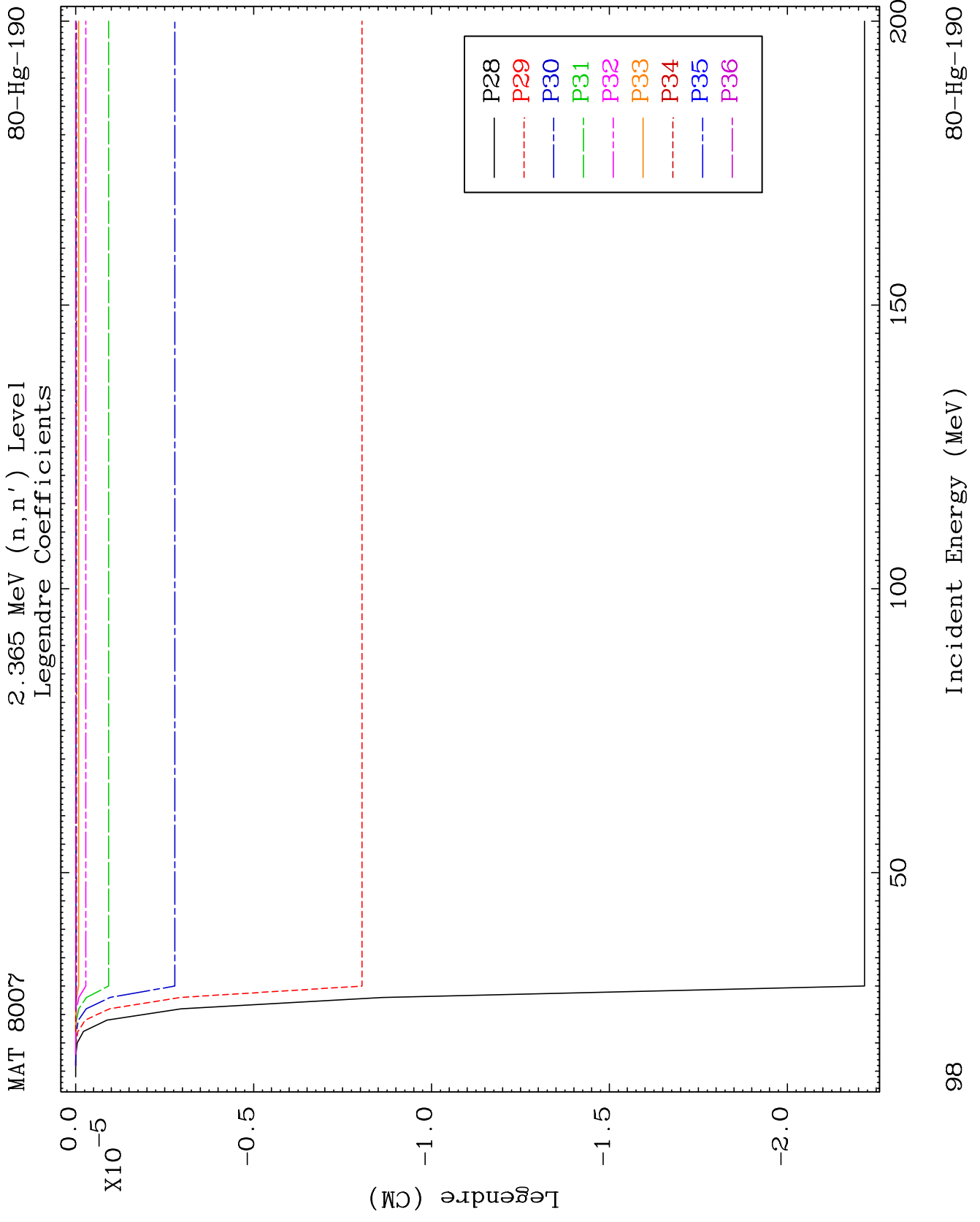
80-Hg-190

MAT 8007

2.365 MeV (n,n') Level
Legendre Coefficients

80-Hg-190



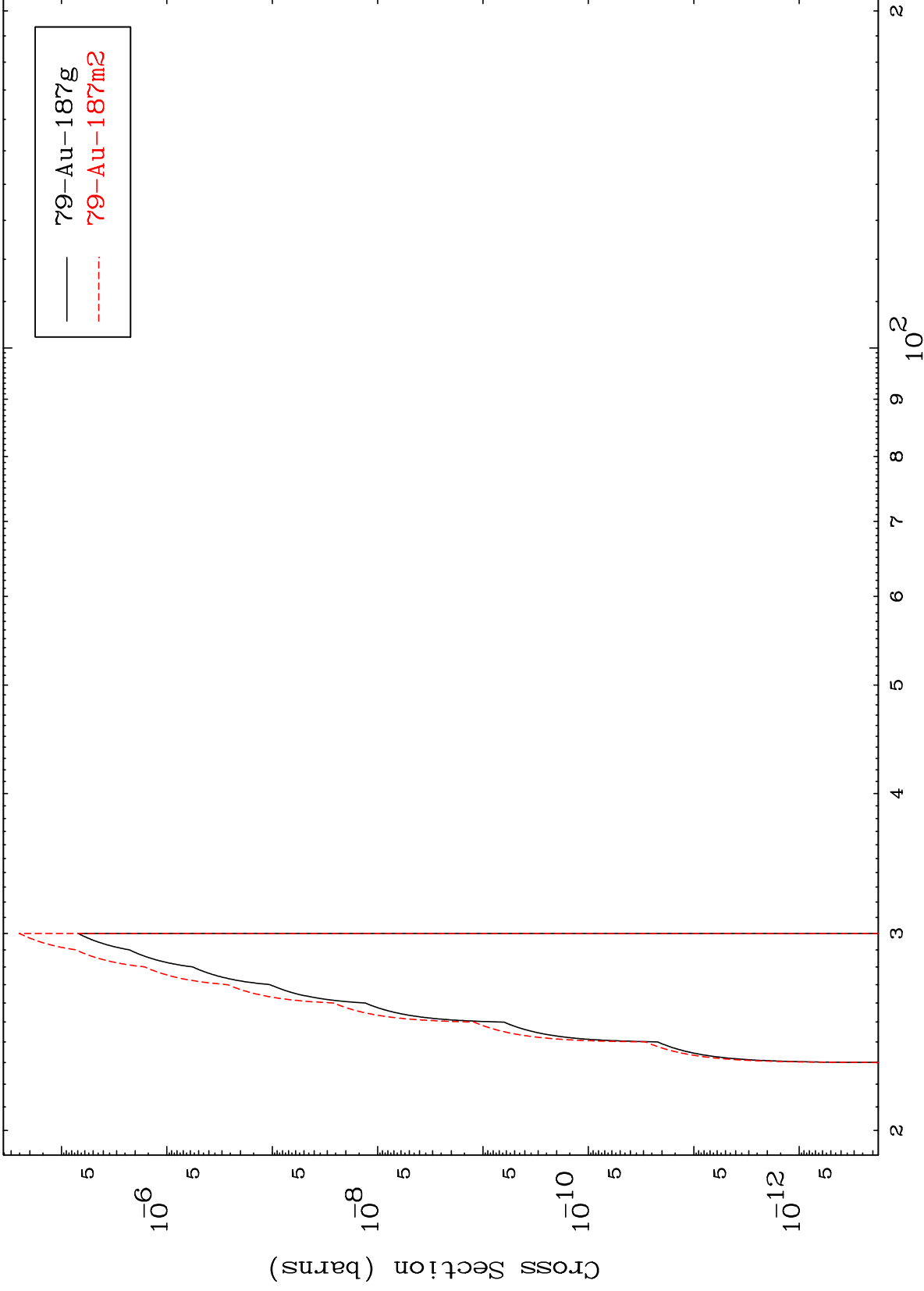


MAT 8007

(n,2n) d

80-Hg-190

Radionuclide Production Cross Section



99

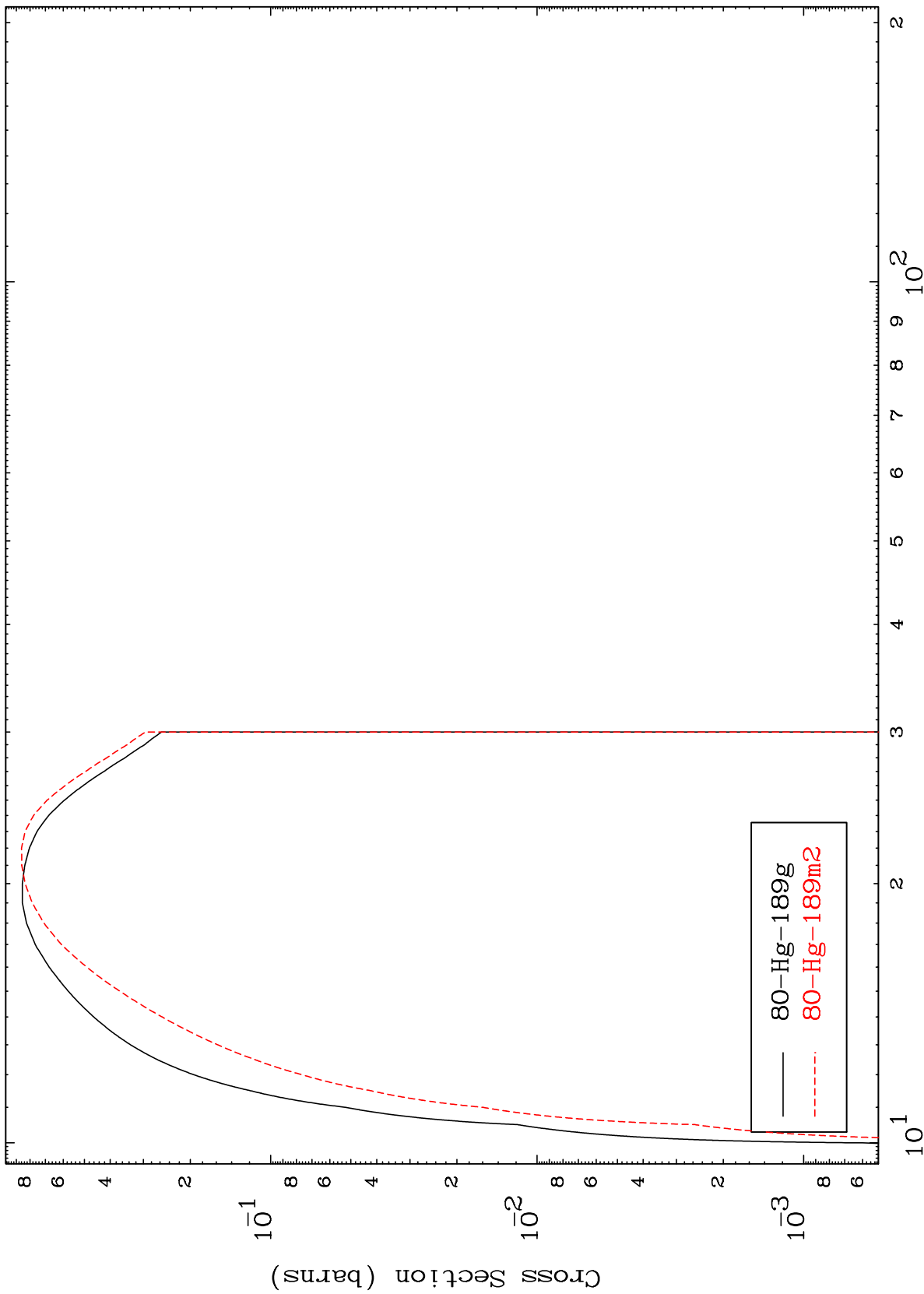
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(n,2n)
Radionuclide Production Cross Section



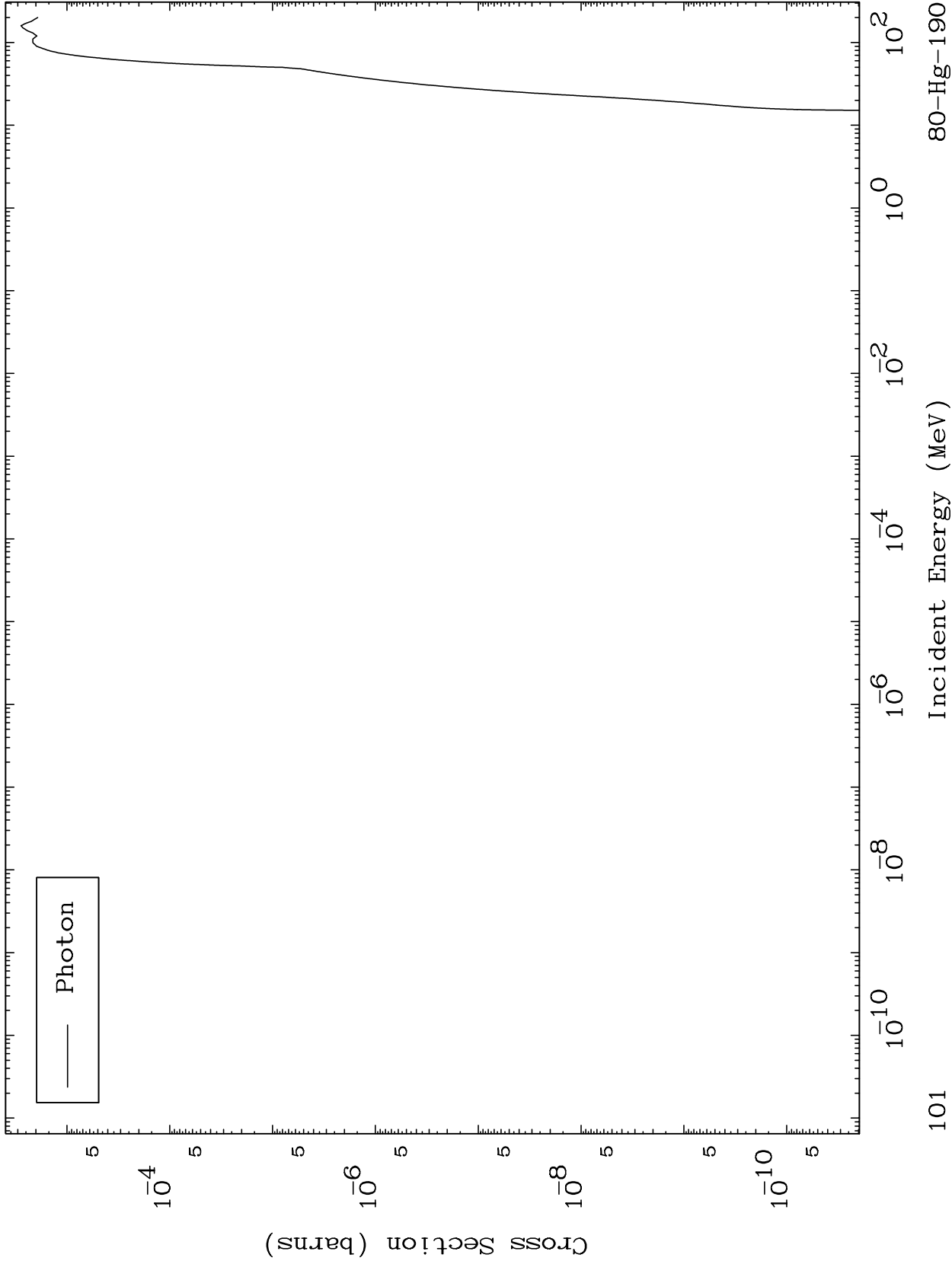
80-Hg-190

Incident Energy (MeV)

MAT 8007

Fission
Radionuclide Production Cross Section

80-Hg-190



101

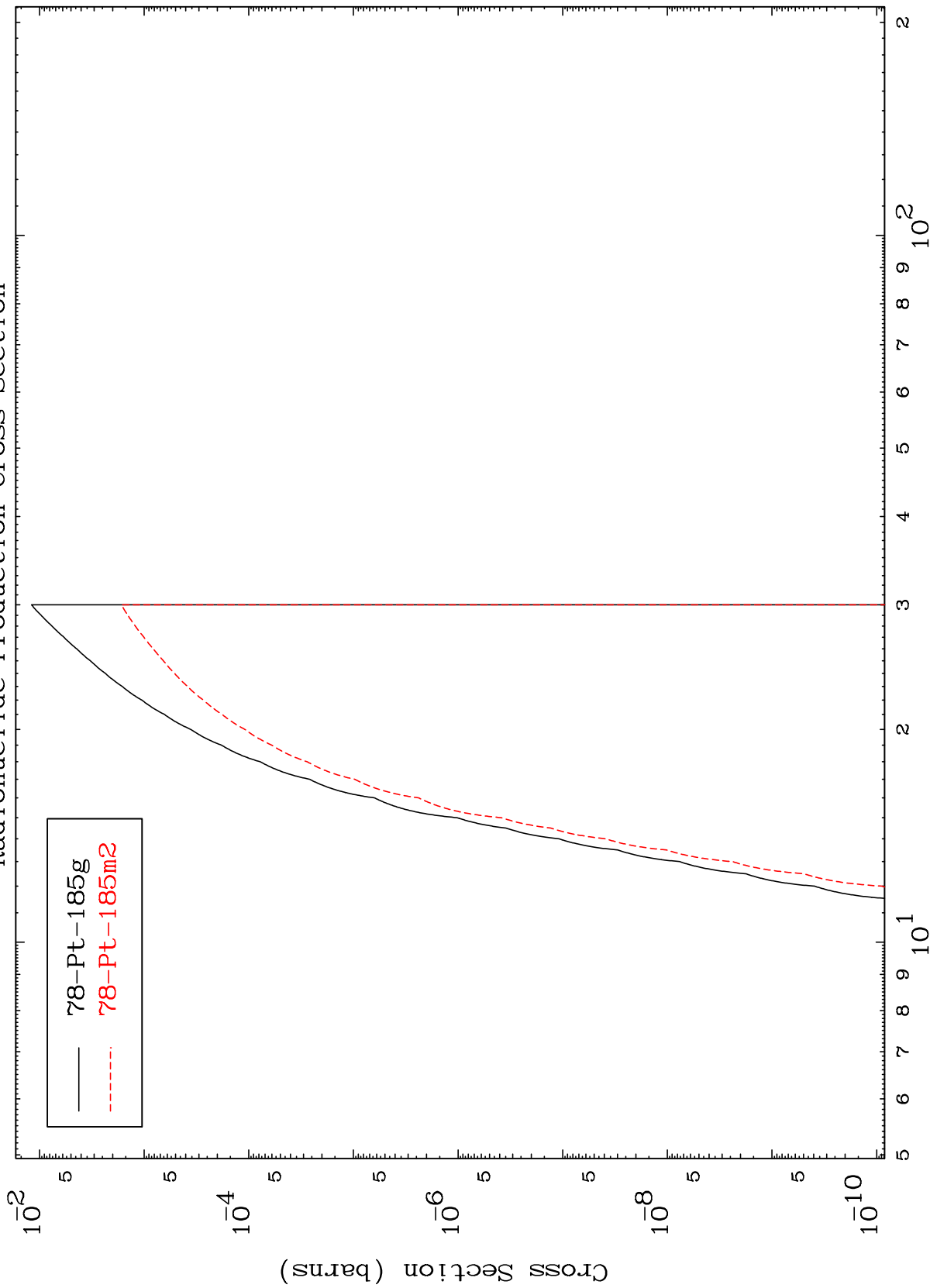
80-Hg-190

MAT 8007

$(n,2n) \alpha$

80-Hg-190

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

102

Incident Energy (MeV)

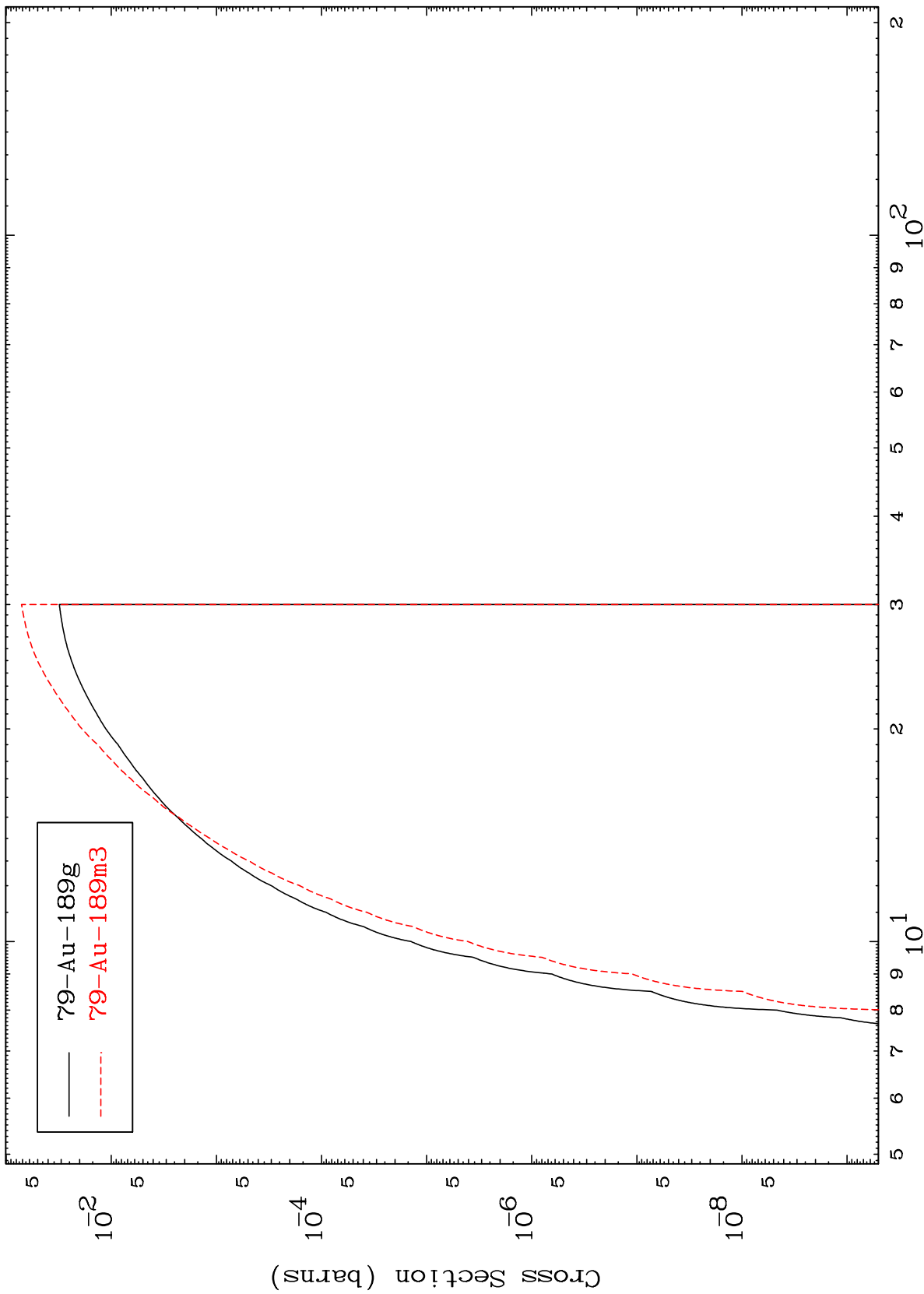
80-Hg-190

MAT 8007

(n,n') p

80-Hg-190

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

103

Incident Energy (MeV)

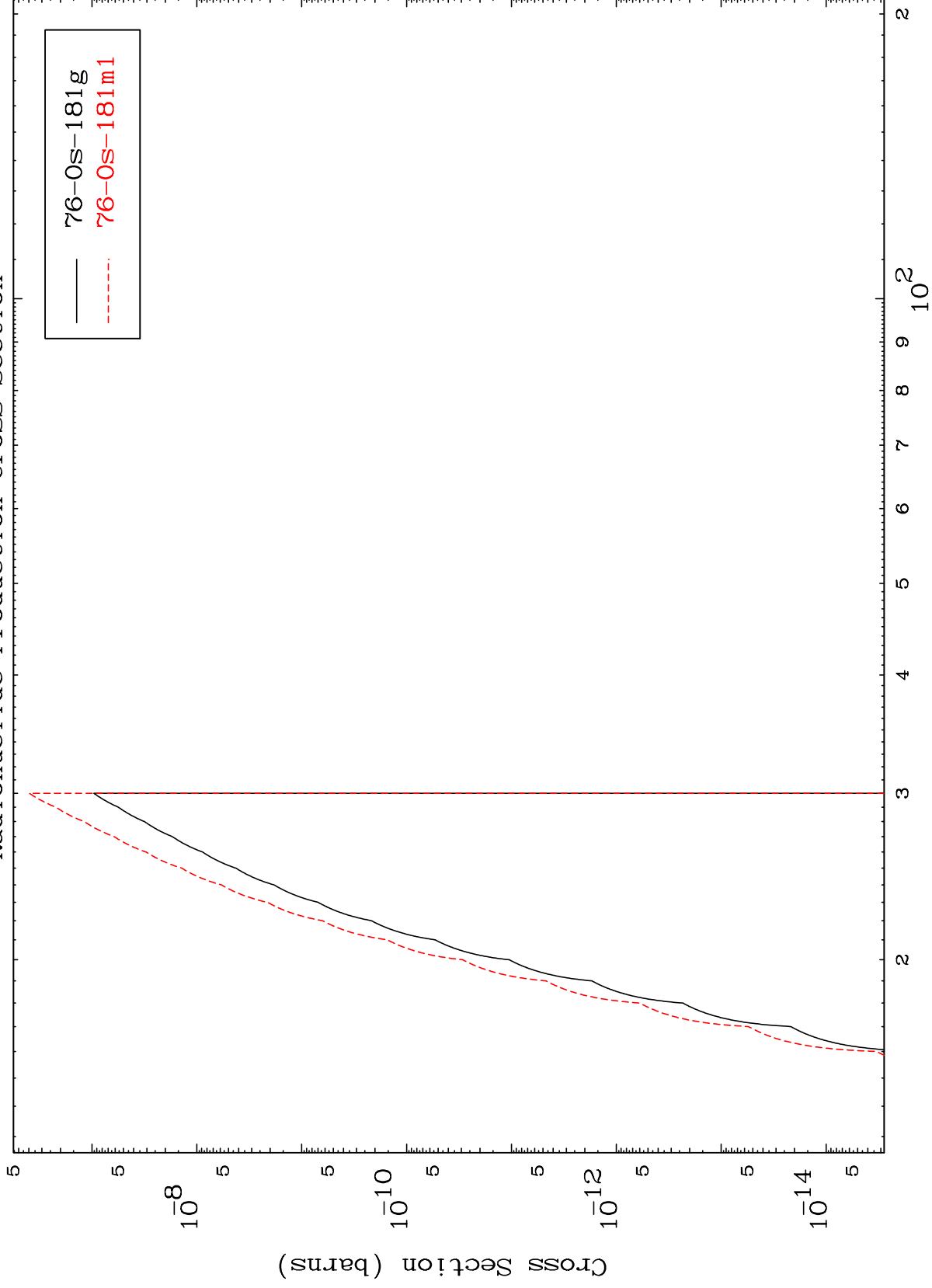
80-Hg-190

MAT 8007

(n,2n) 2α

80-Hg-190

Radionuclide Production Cross Section



104

Incident Energy (MeV)

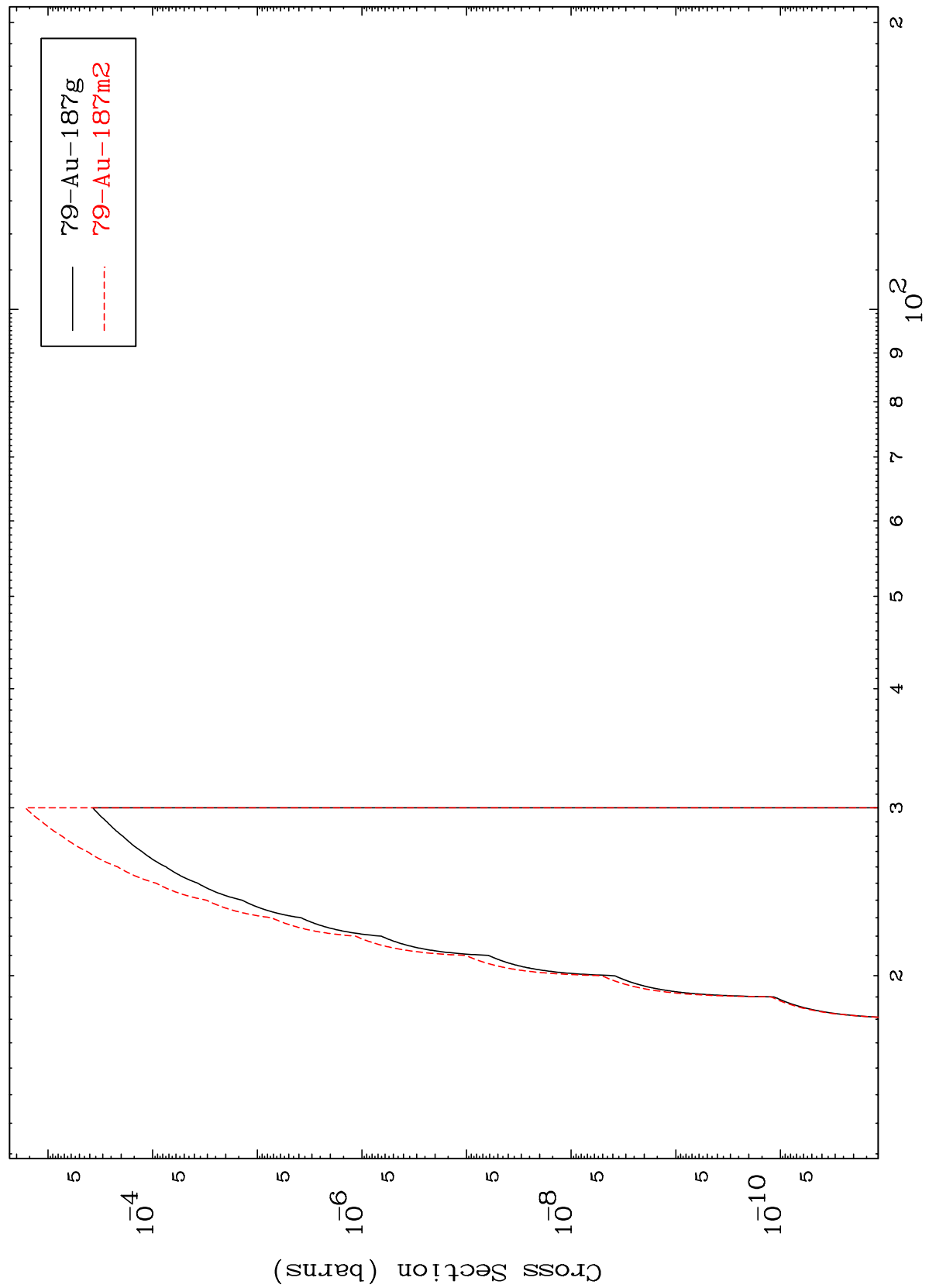
80-Hg-190

MAT 8007

(n,n') t

80-Hg-190

Radionuclide Production Cross Section



79-Au-187g
79-Au-187m2

105

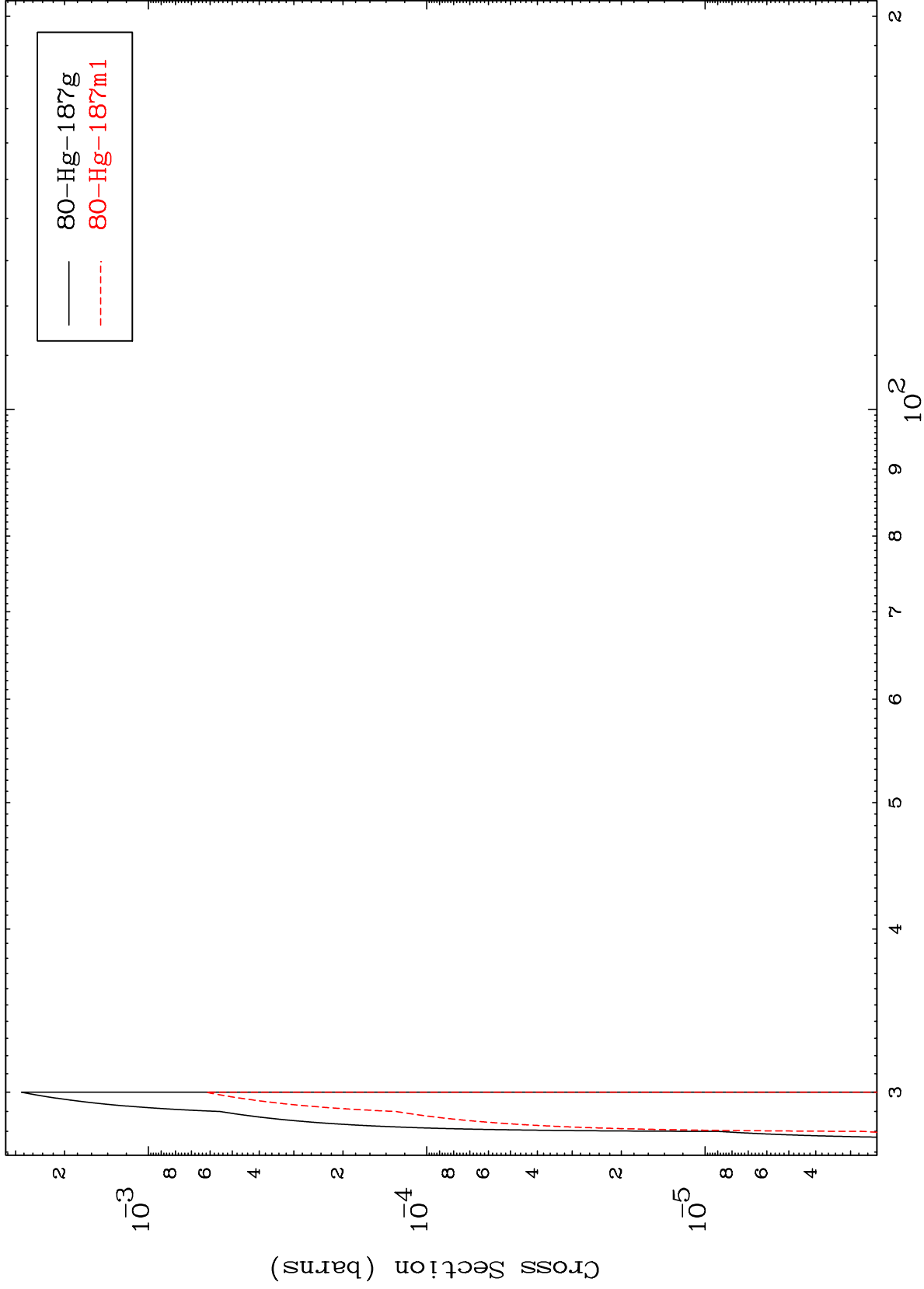
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(n,4n)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

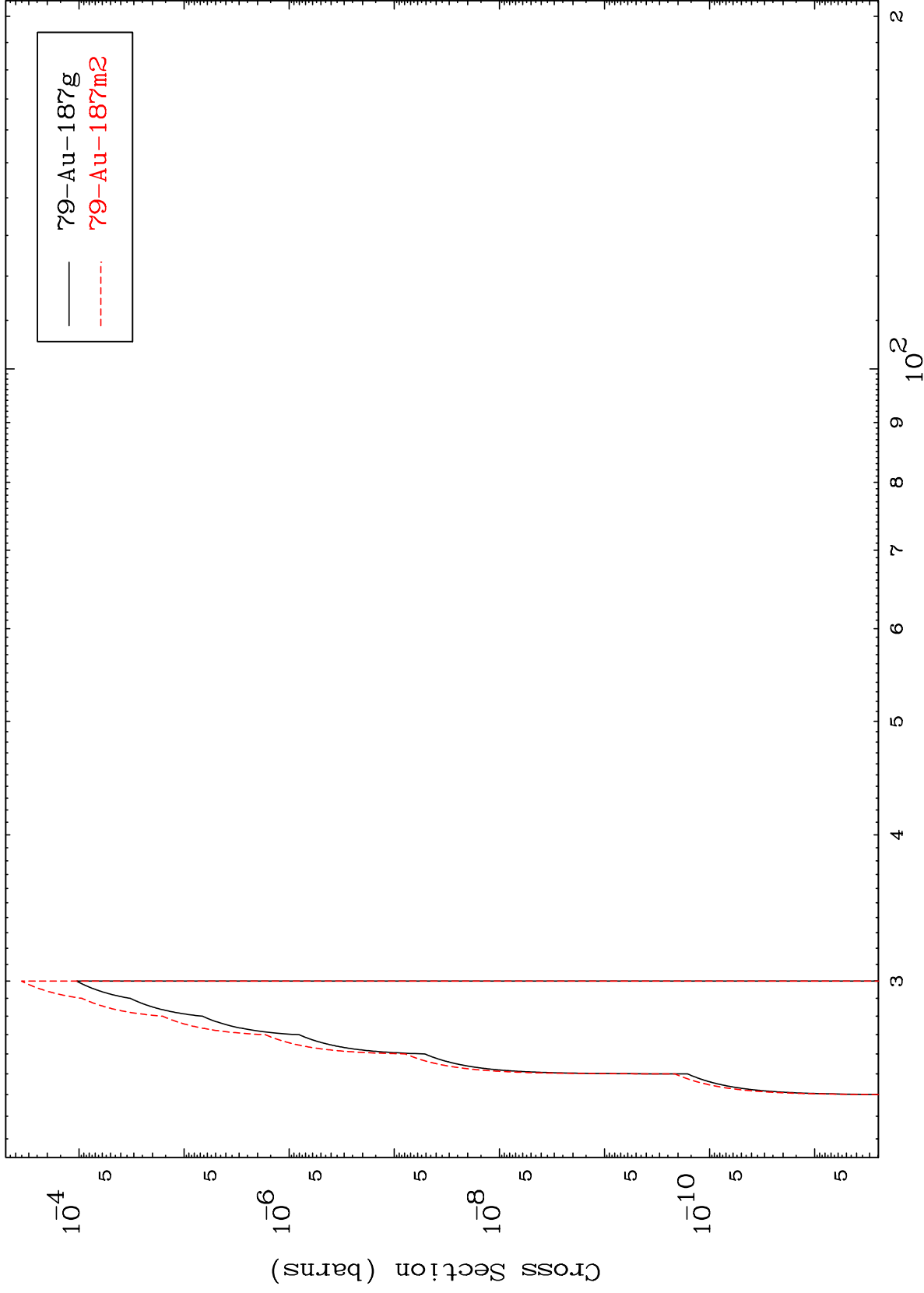
80-Hg-190

MAT 8007

(n,3n) p

80-Hg-190

Radionuclide Production Cross Section



107

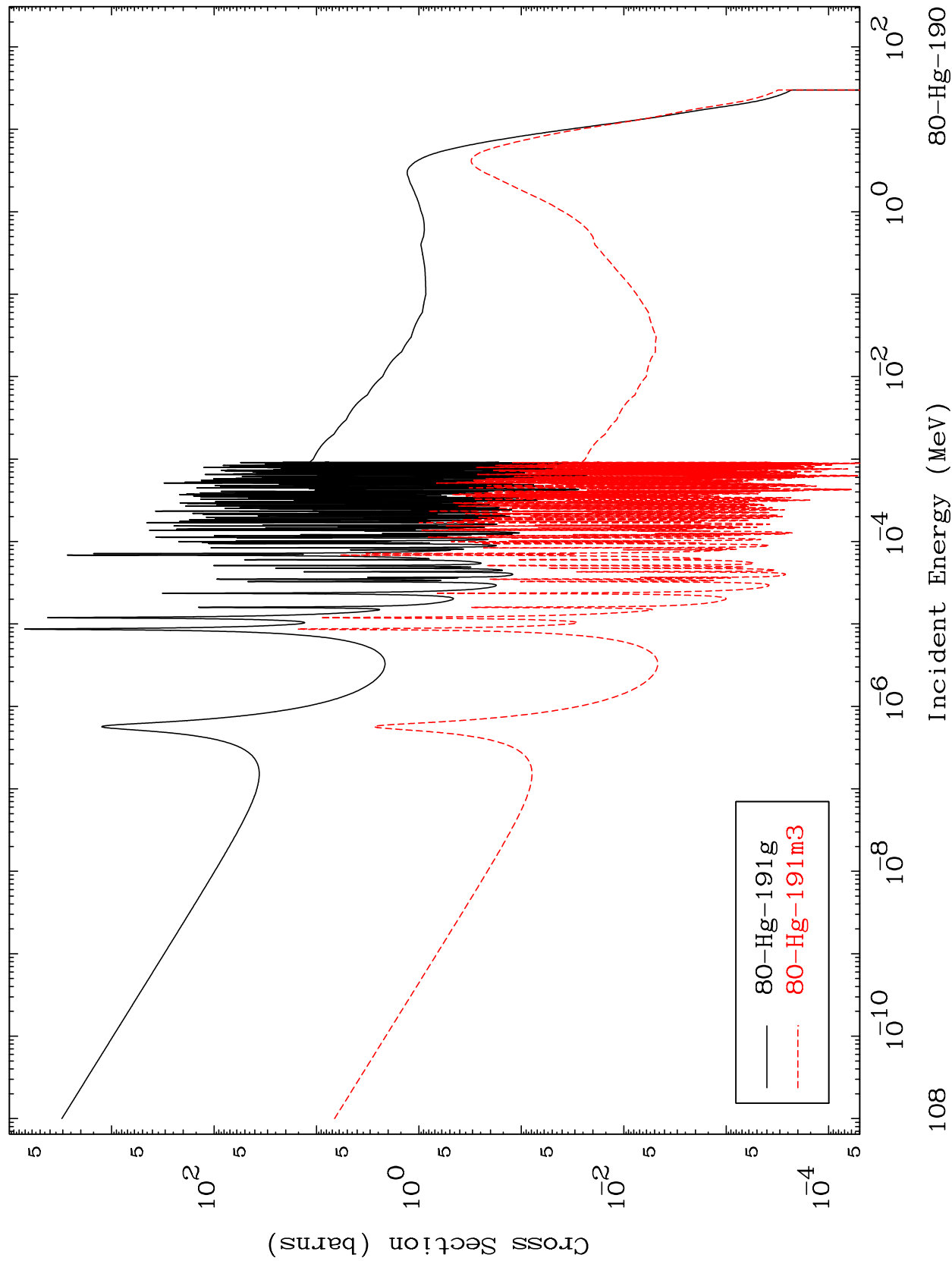
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

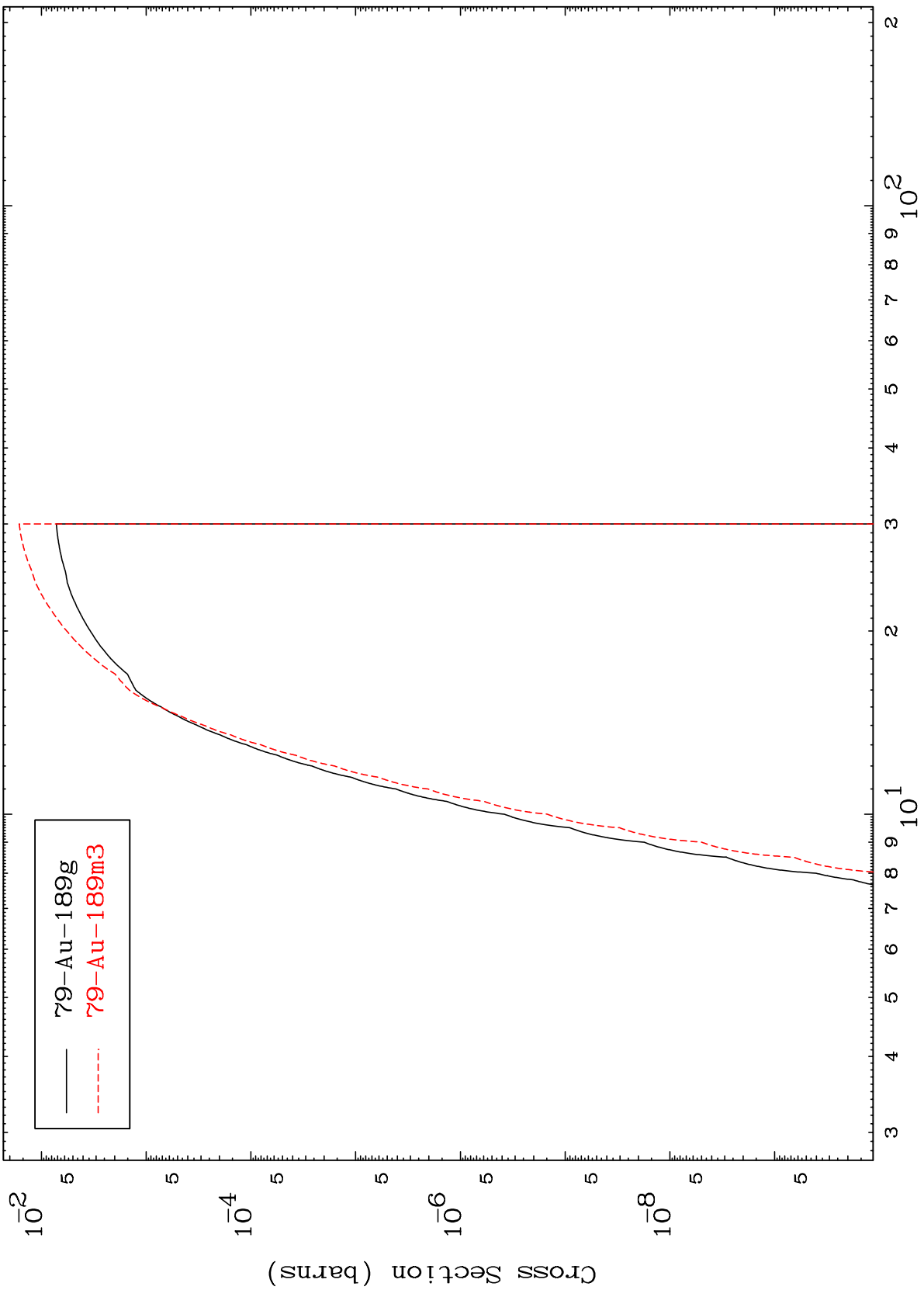
Radionuclide Production Cross Section
(n, γ)



MAT 8007

80-Hg-190

(n,d)
Radionuclide Production Cross Section



— 79-Au-189g
- - - 79-Au-189m3

109

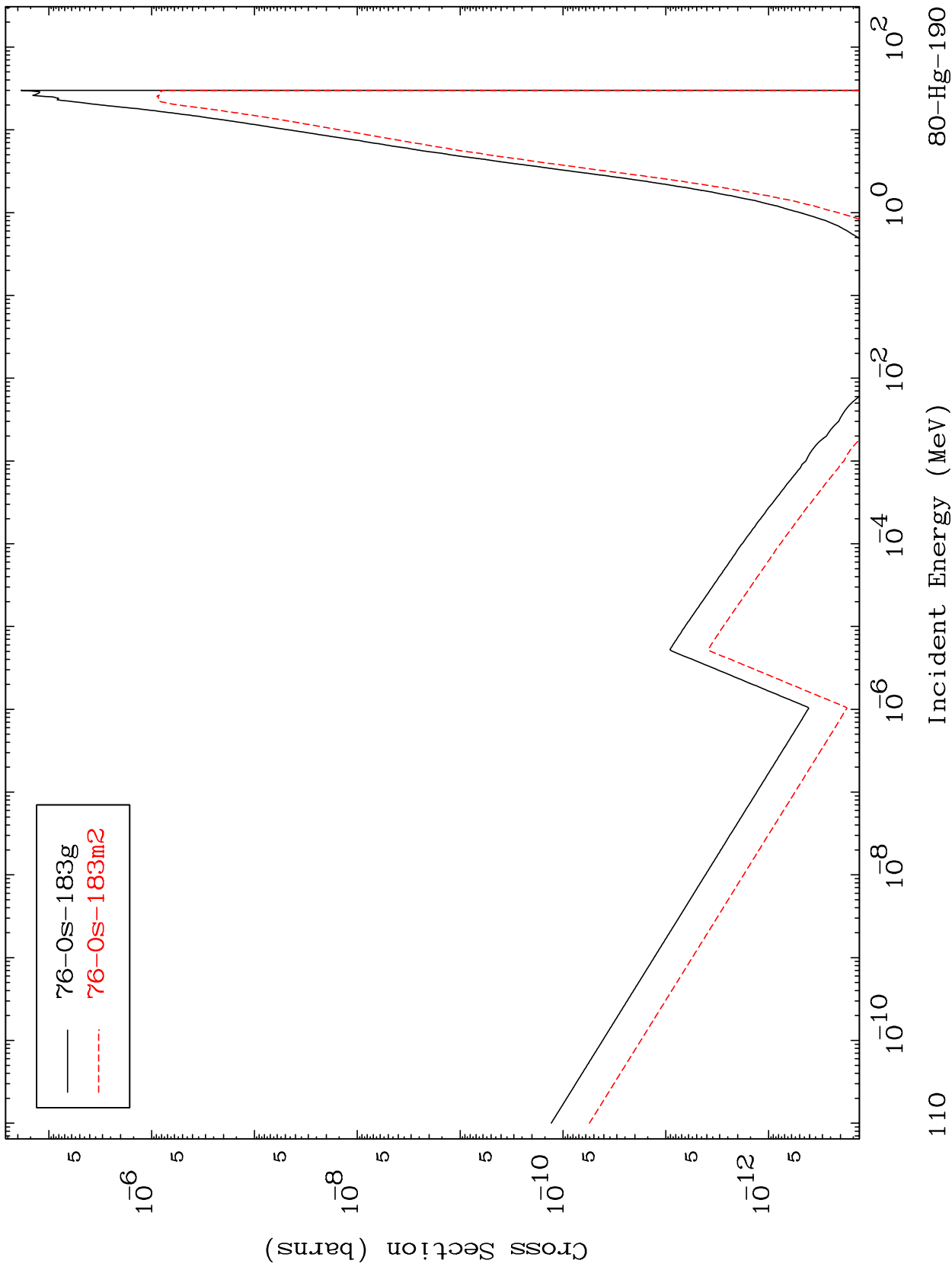
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

Radionuclide Production Cross Section
(n,2 α)



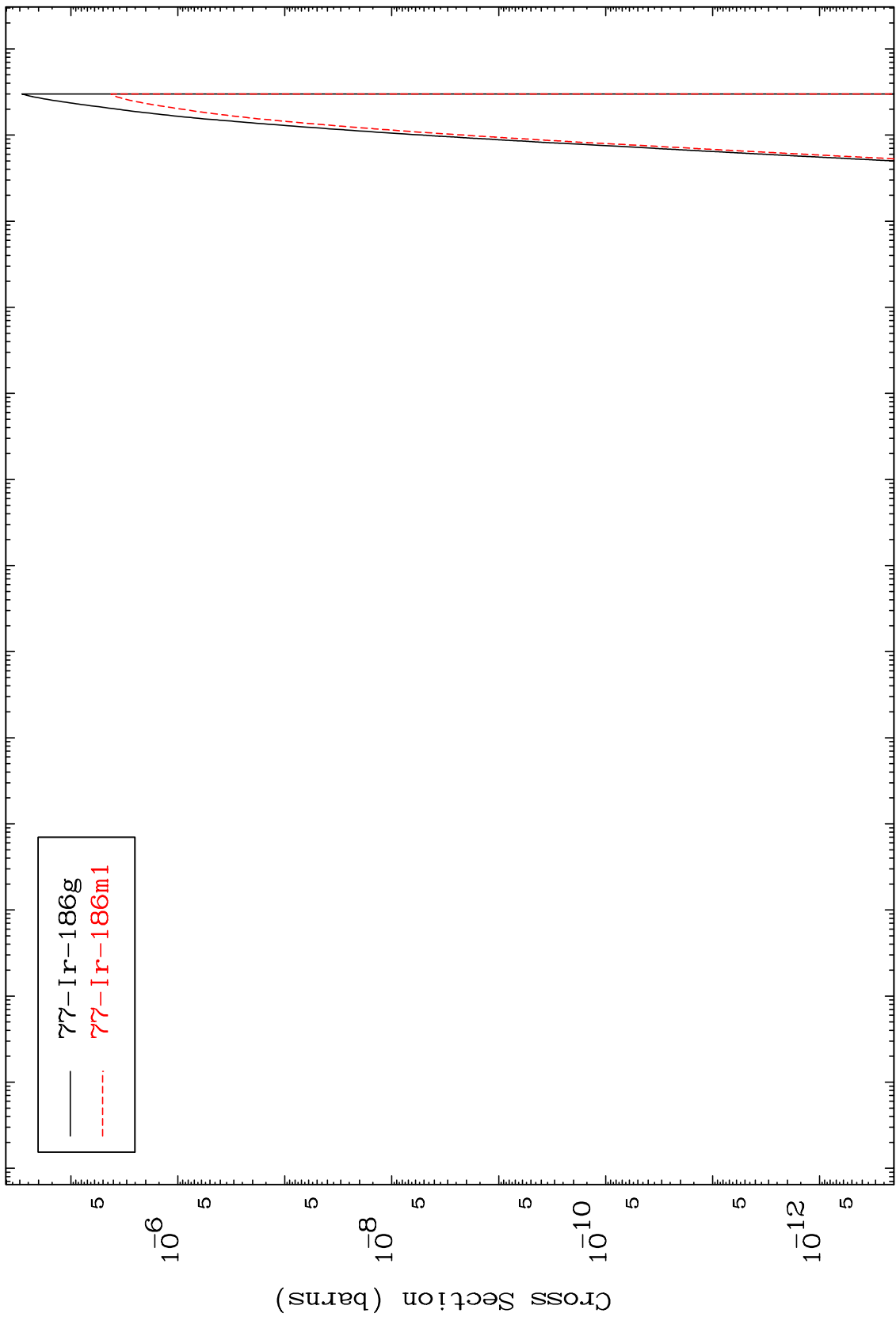
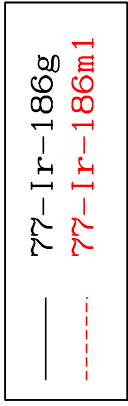
110

MAT 8007

(n,p) α

80-Hg-190

Radionuclide Production Cross Section



80-Hg-190

Incident Energy (MeV)