

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

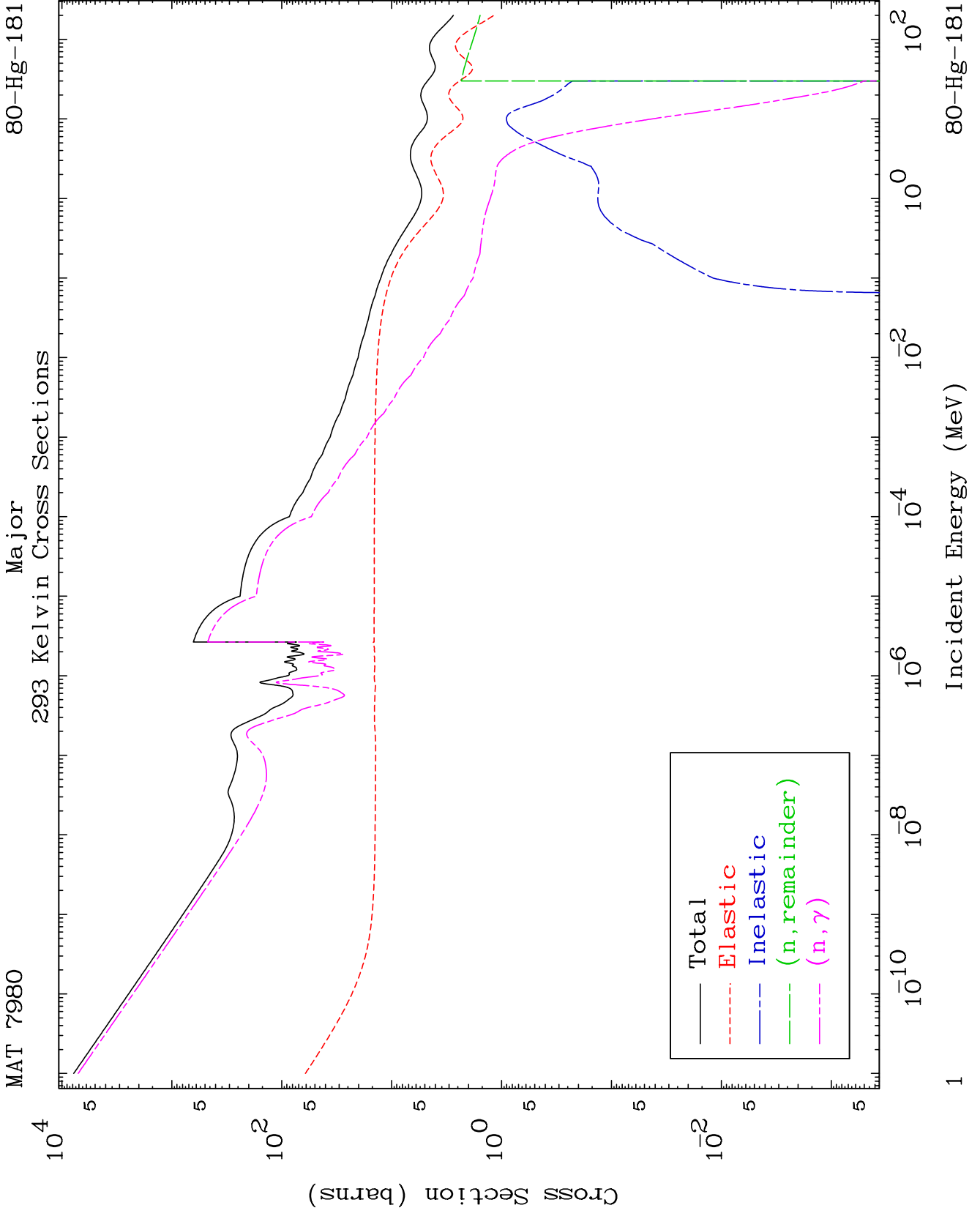
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E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

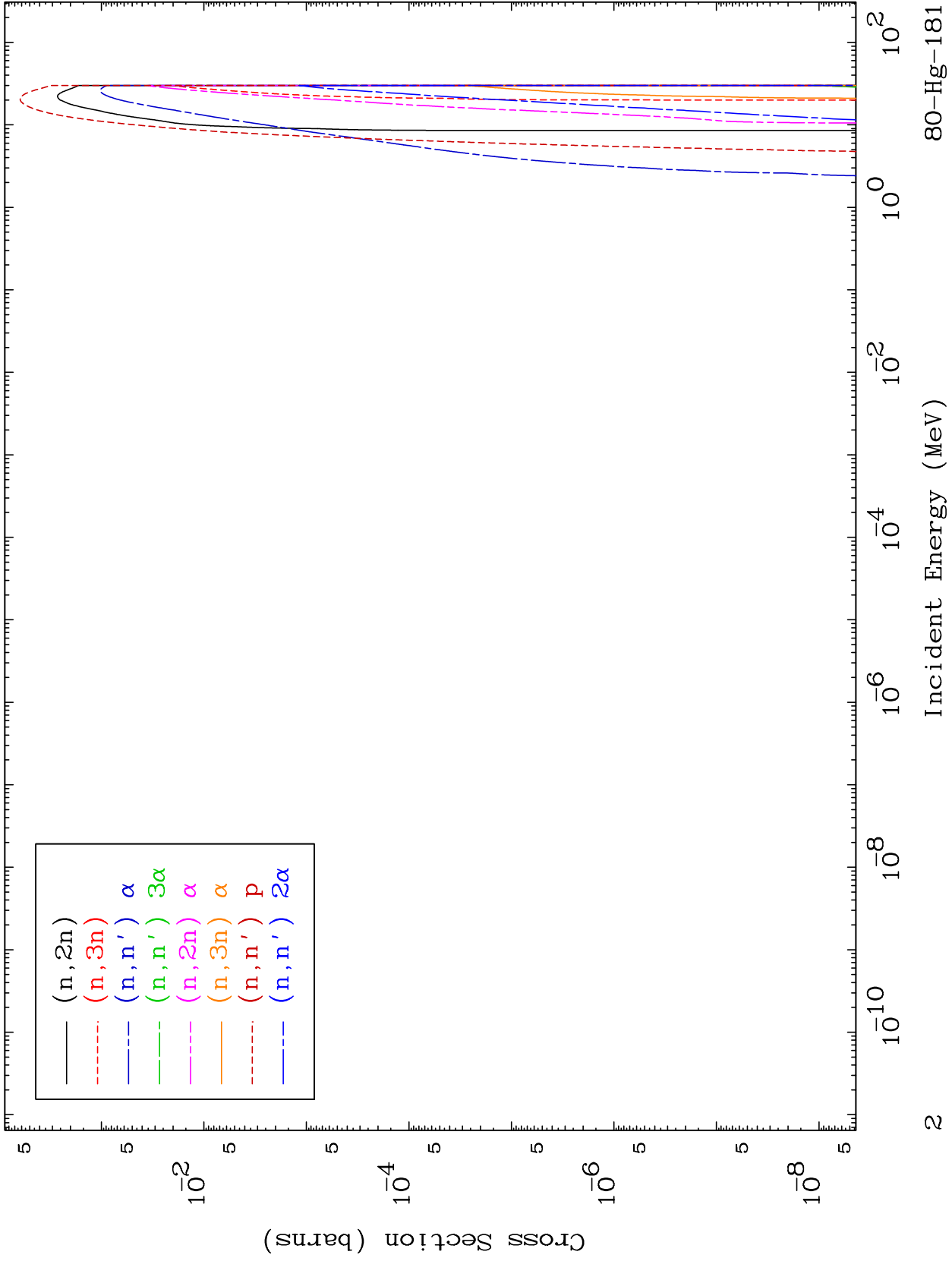
Press Mouse Button to Start



MAT 7980

Neutron Production
293 Kelvin Cross Sections

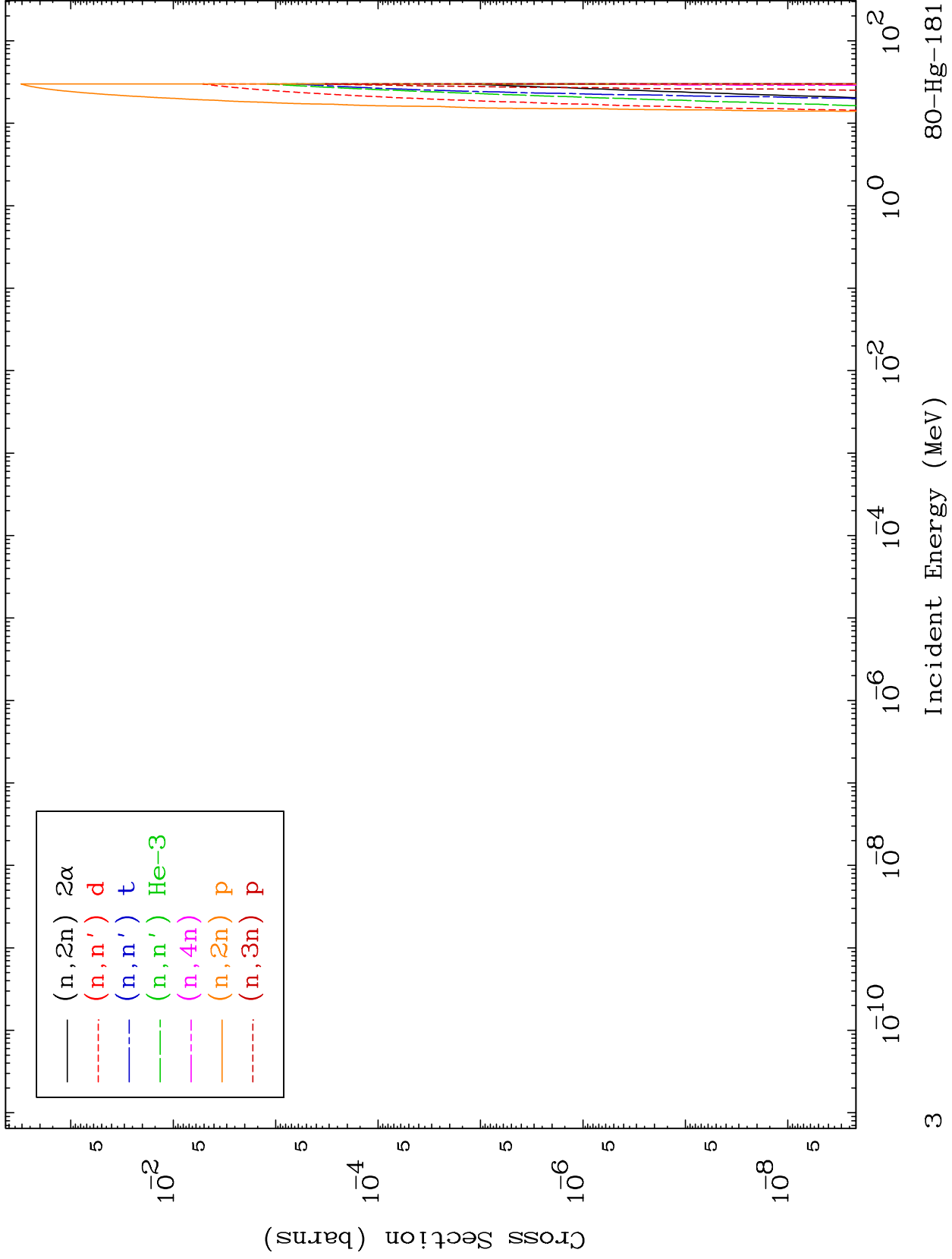
80-Hg-181



MAT 7980

Neutron Production
293 Kelvin Cross Sections

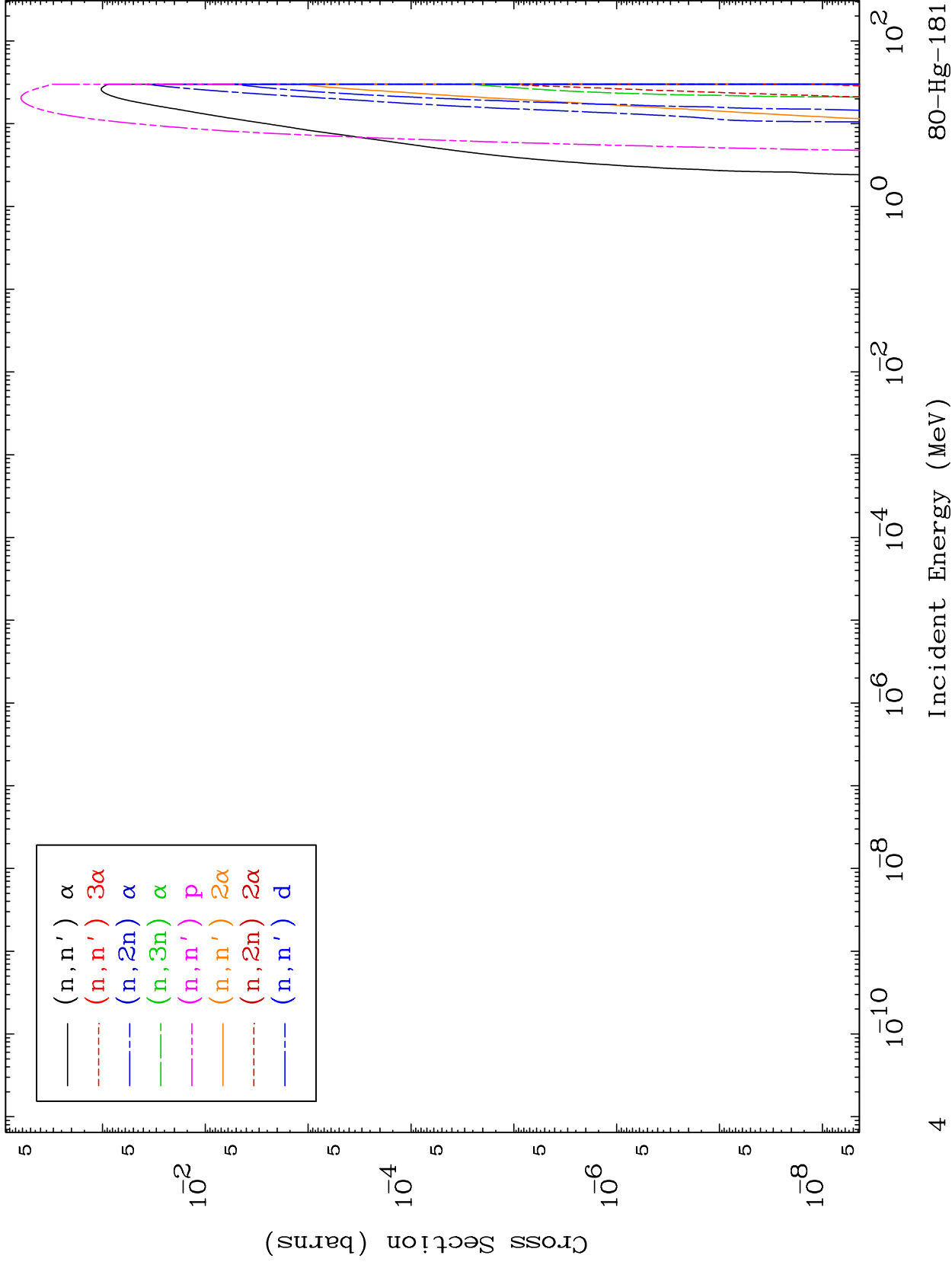
80-Hg-181



MAT 7980

Charged Particle
293 Kelvin Cross Sections

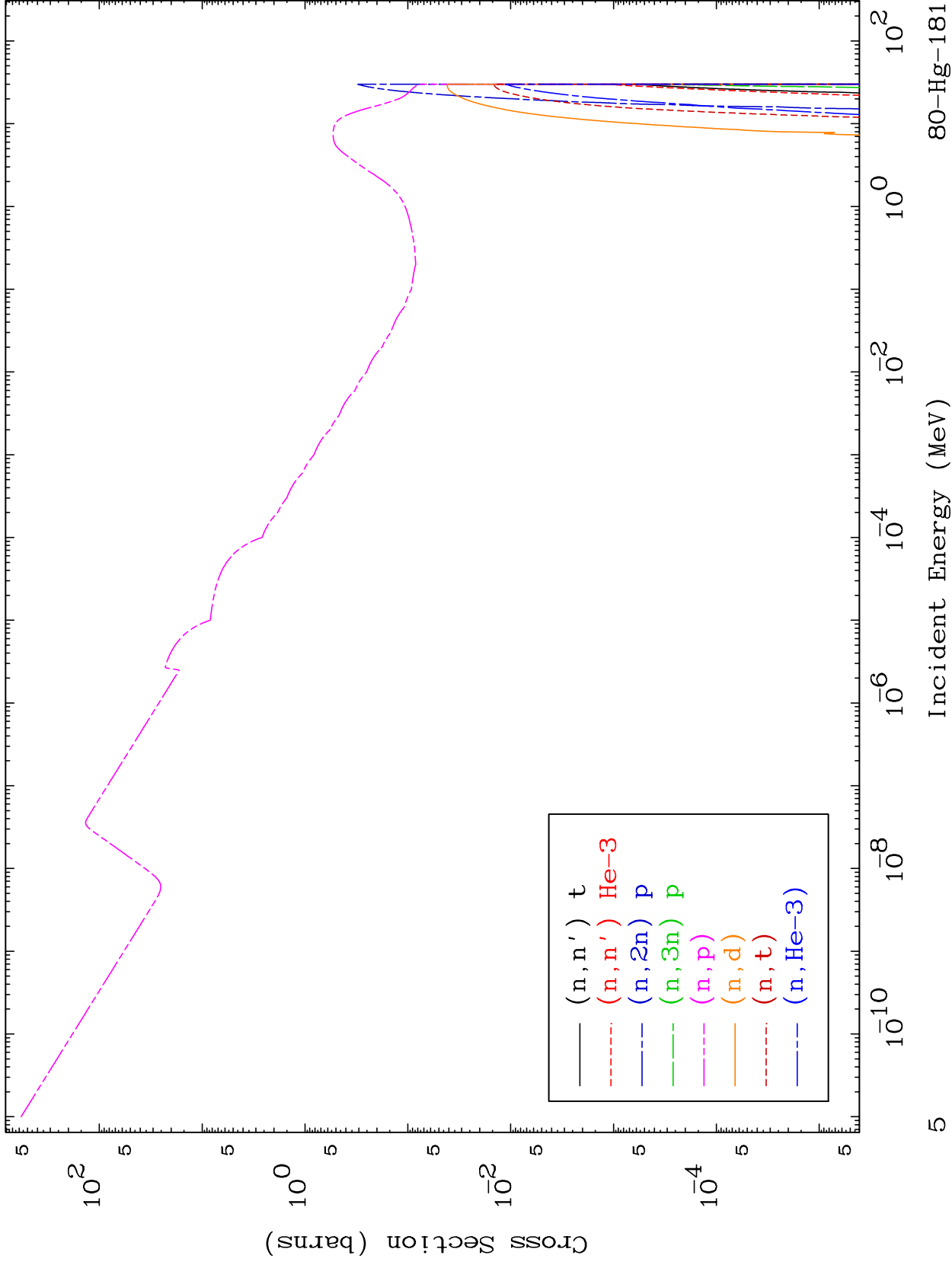
80-Hg-181



MAT 7980

Charged Particle
293 Kelvin Cross Sections

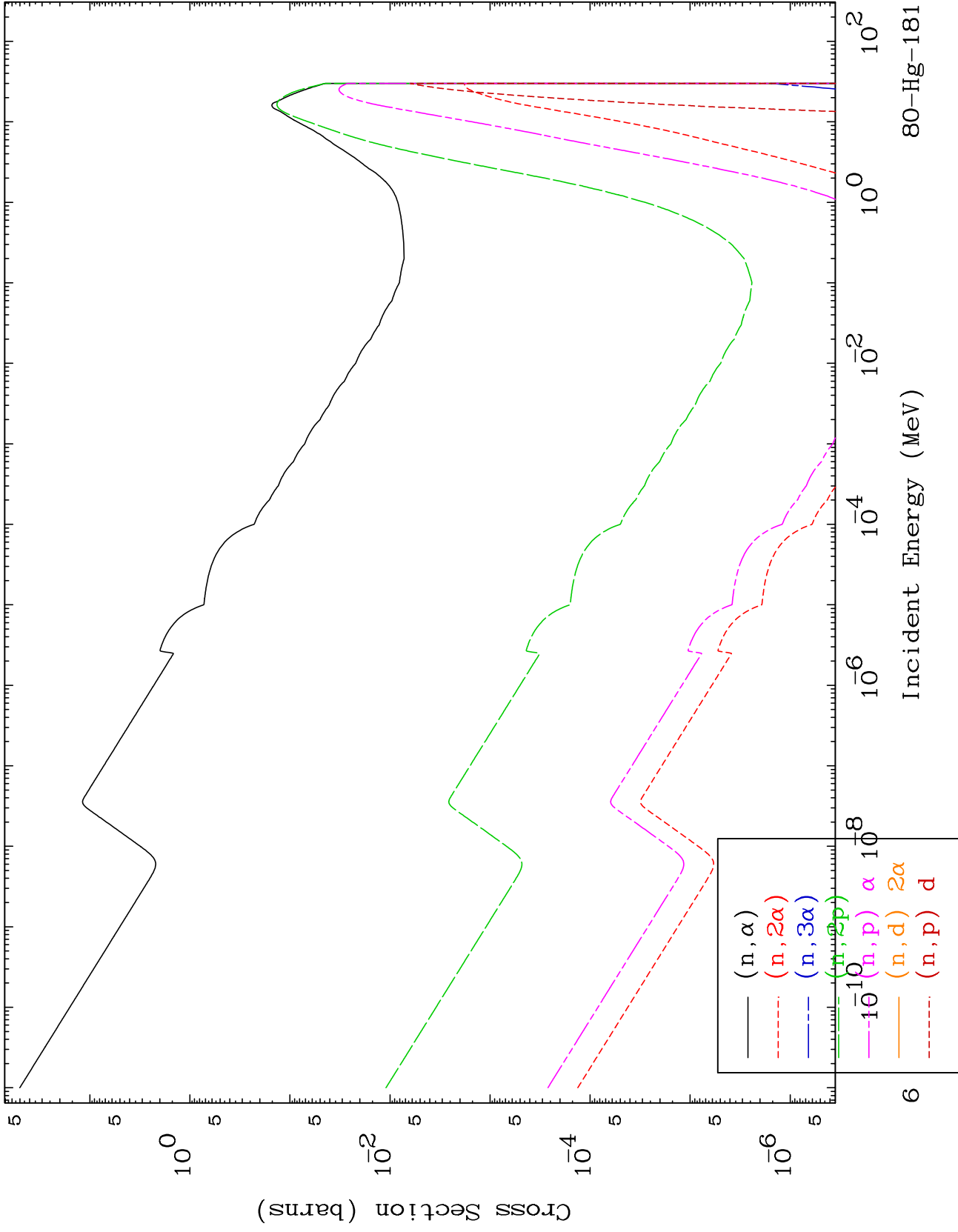
80-Hg-181



MAT 7980

Charged Particle
293 Kelvin Cross Sections

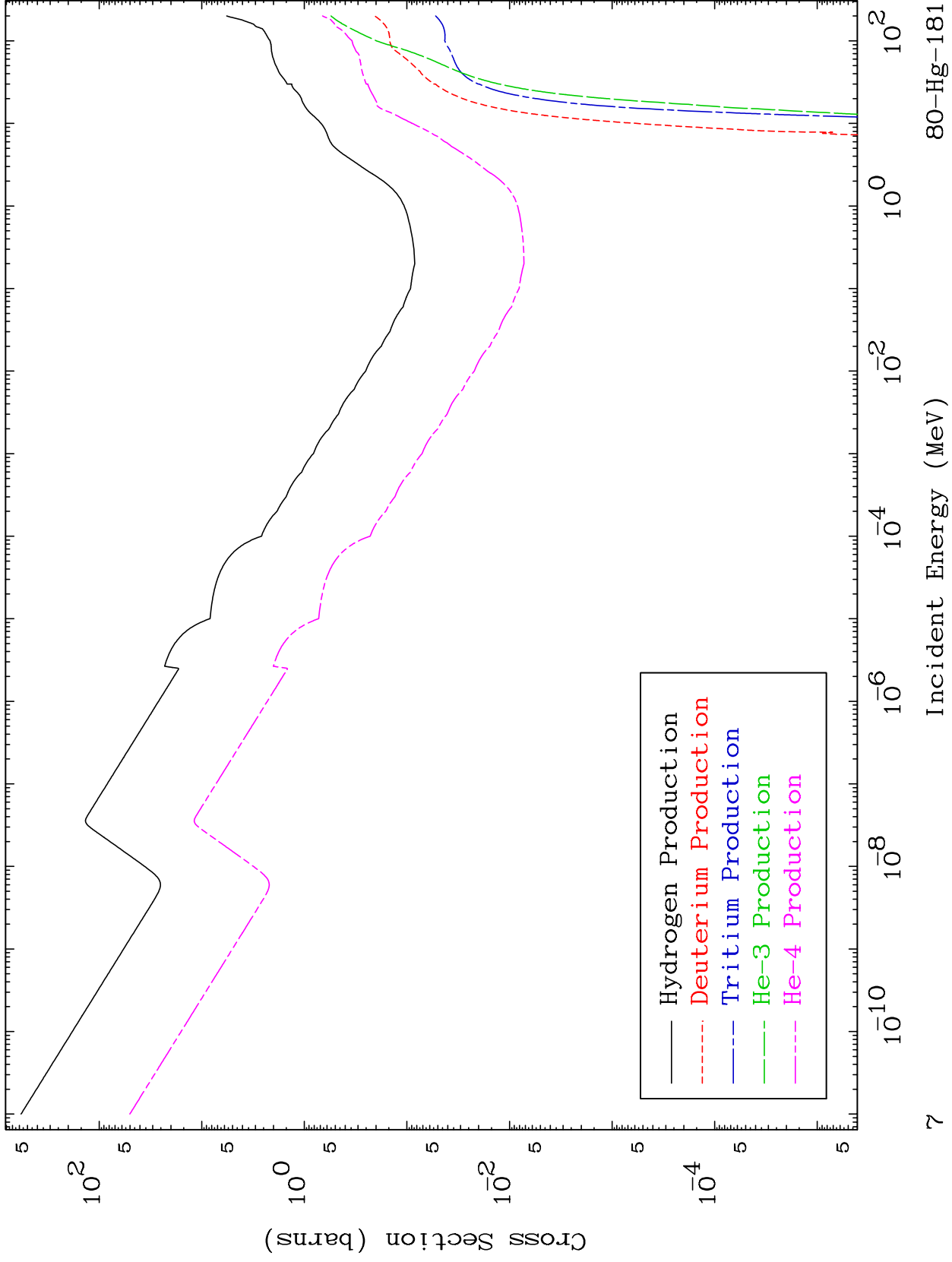
80-Hg-181



MAT 7980

Particle Production
293 Kelvin Cross Sections

80-Hg-181

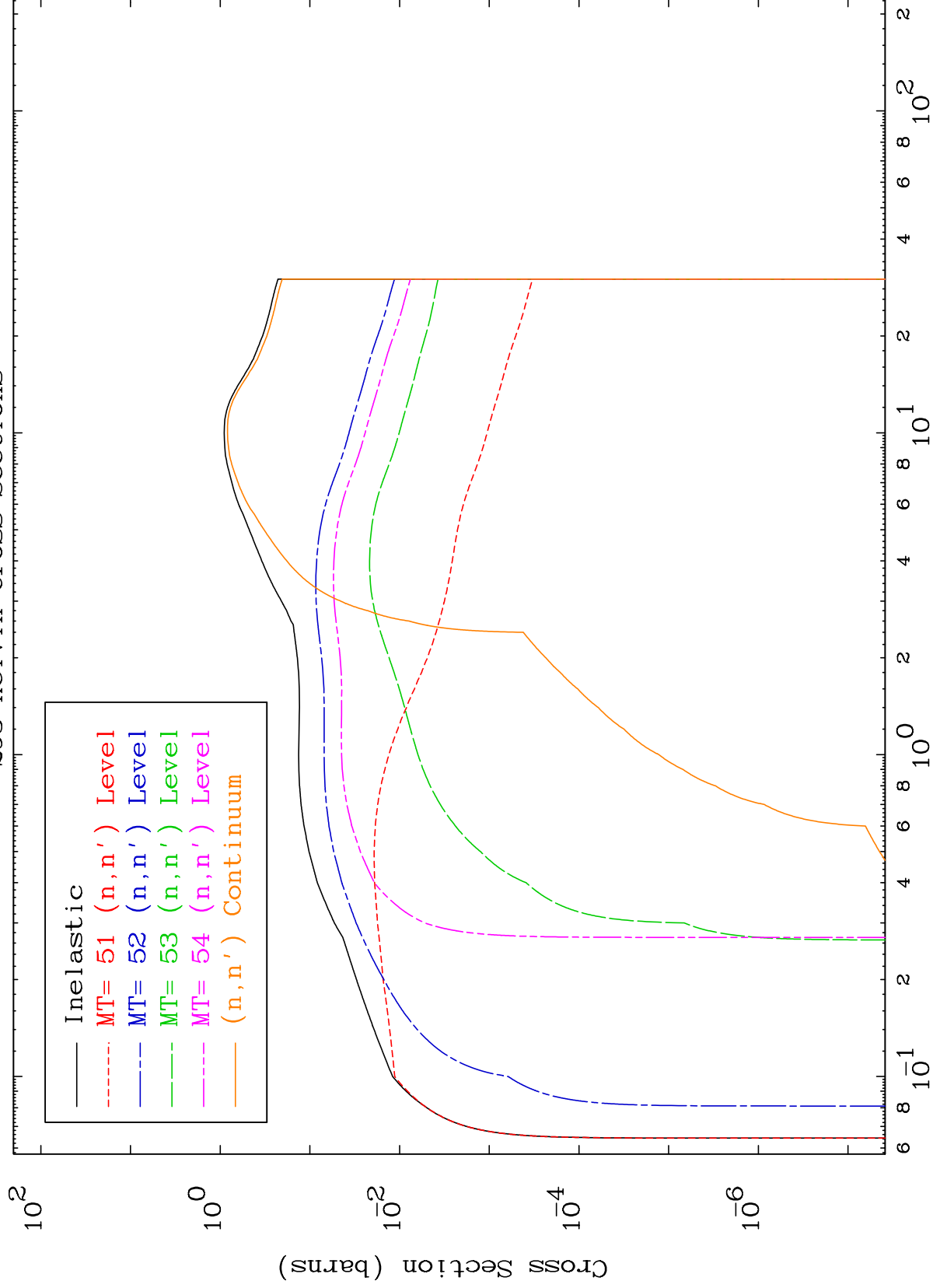


MAT 7980

(n,n') Level

80-Hg-181

293 Kelvin Cross Sections



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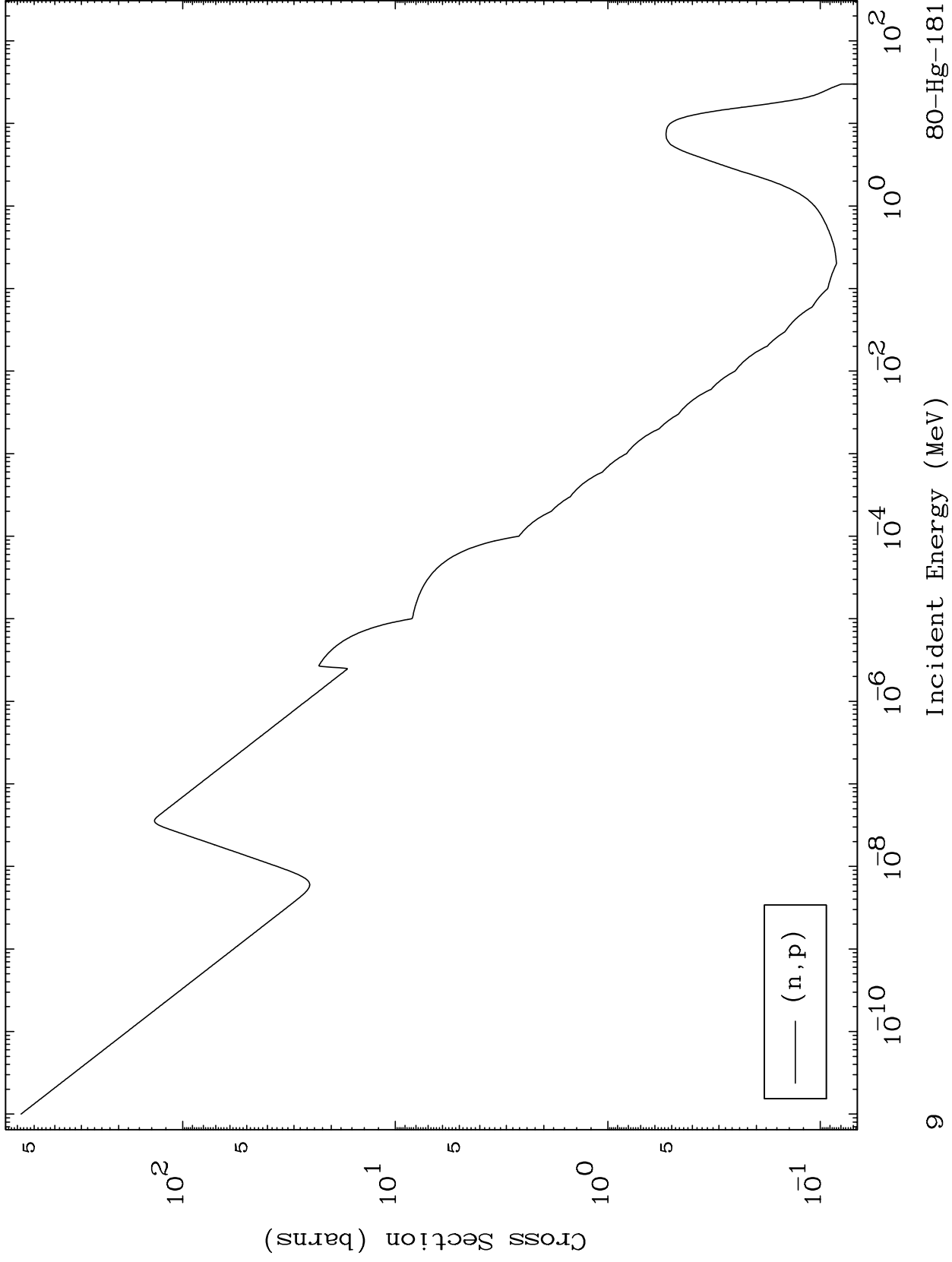
Incident Energy (MeV)

80-Hg-181

MAT 7980

(n,p) Levels
293 Kelvin Cross Sections

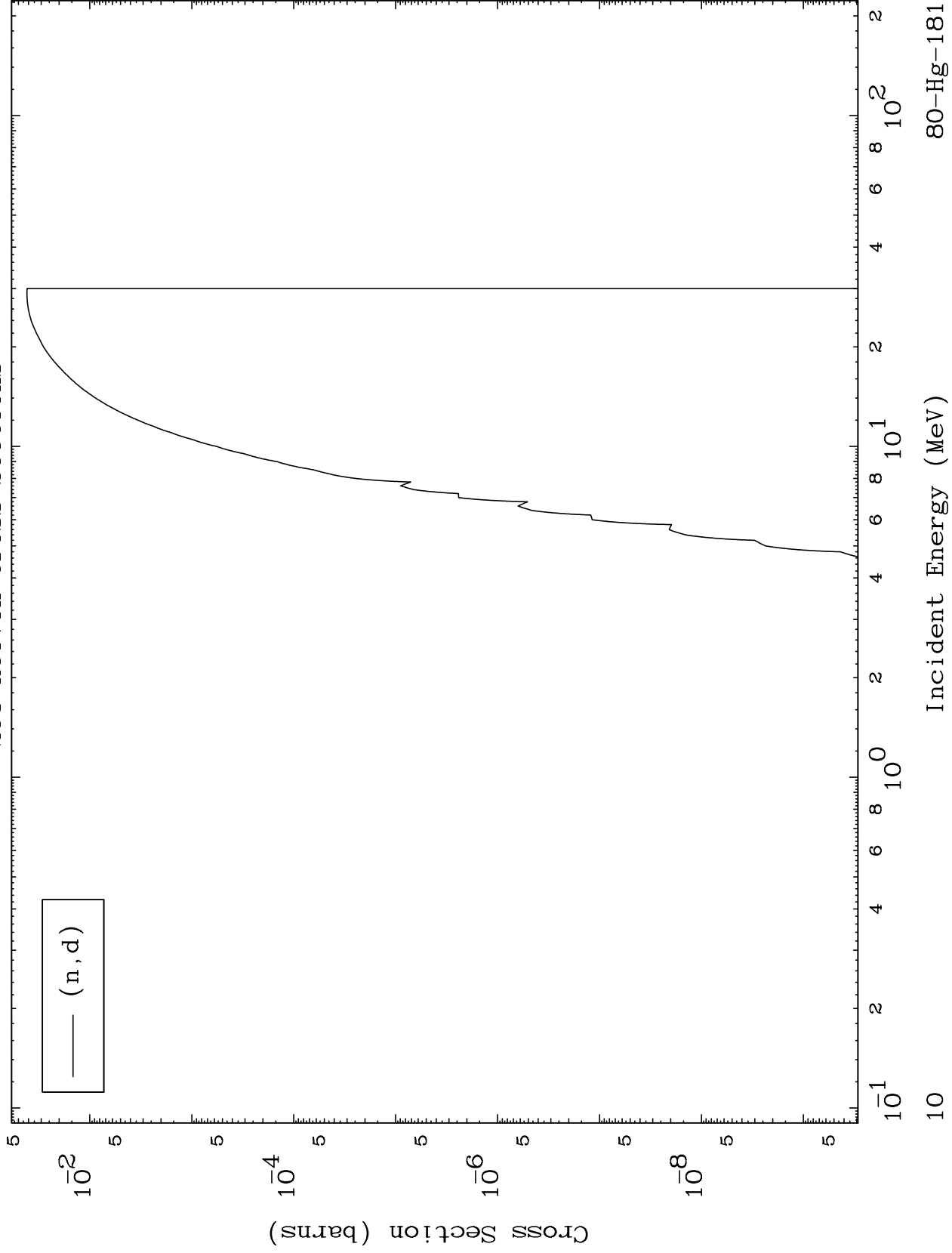
80-Hg-181



MAT 7980

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-181



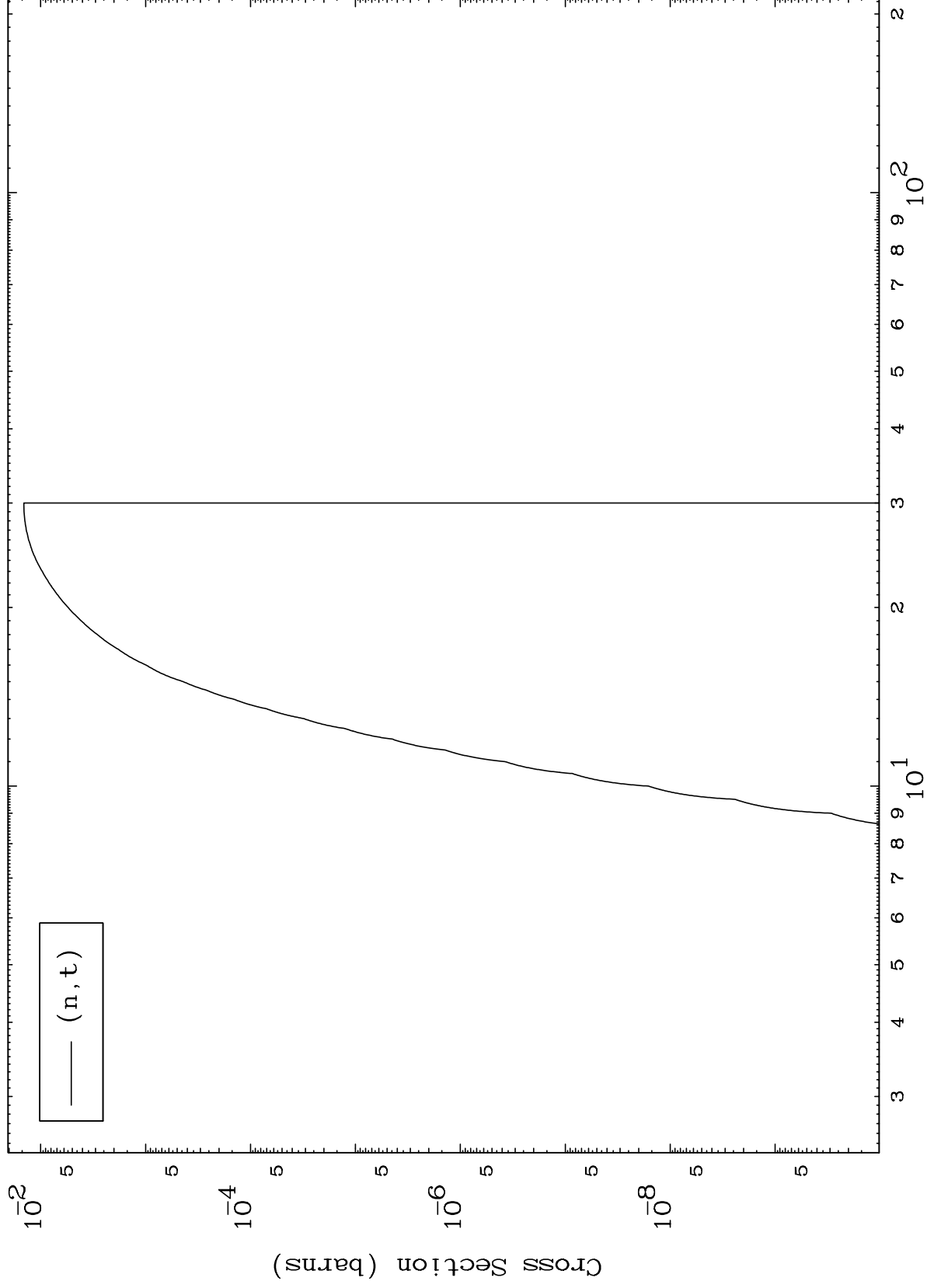
80-Hg-181

Incident Energy (MeV)

MAT 7980

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-181



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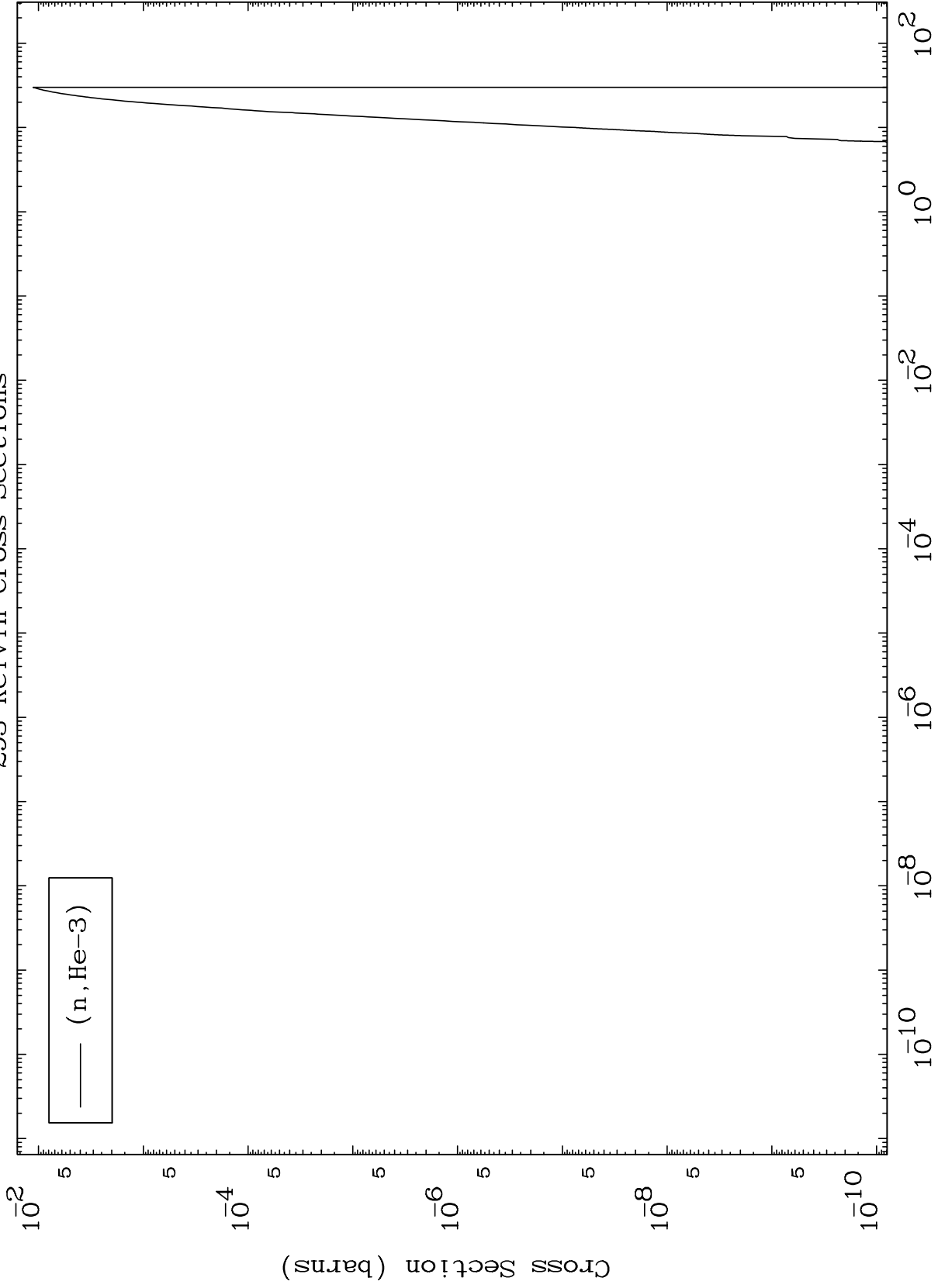
Incident Energy (MeV)

80-Hg-181

MAT 7980

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-181



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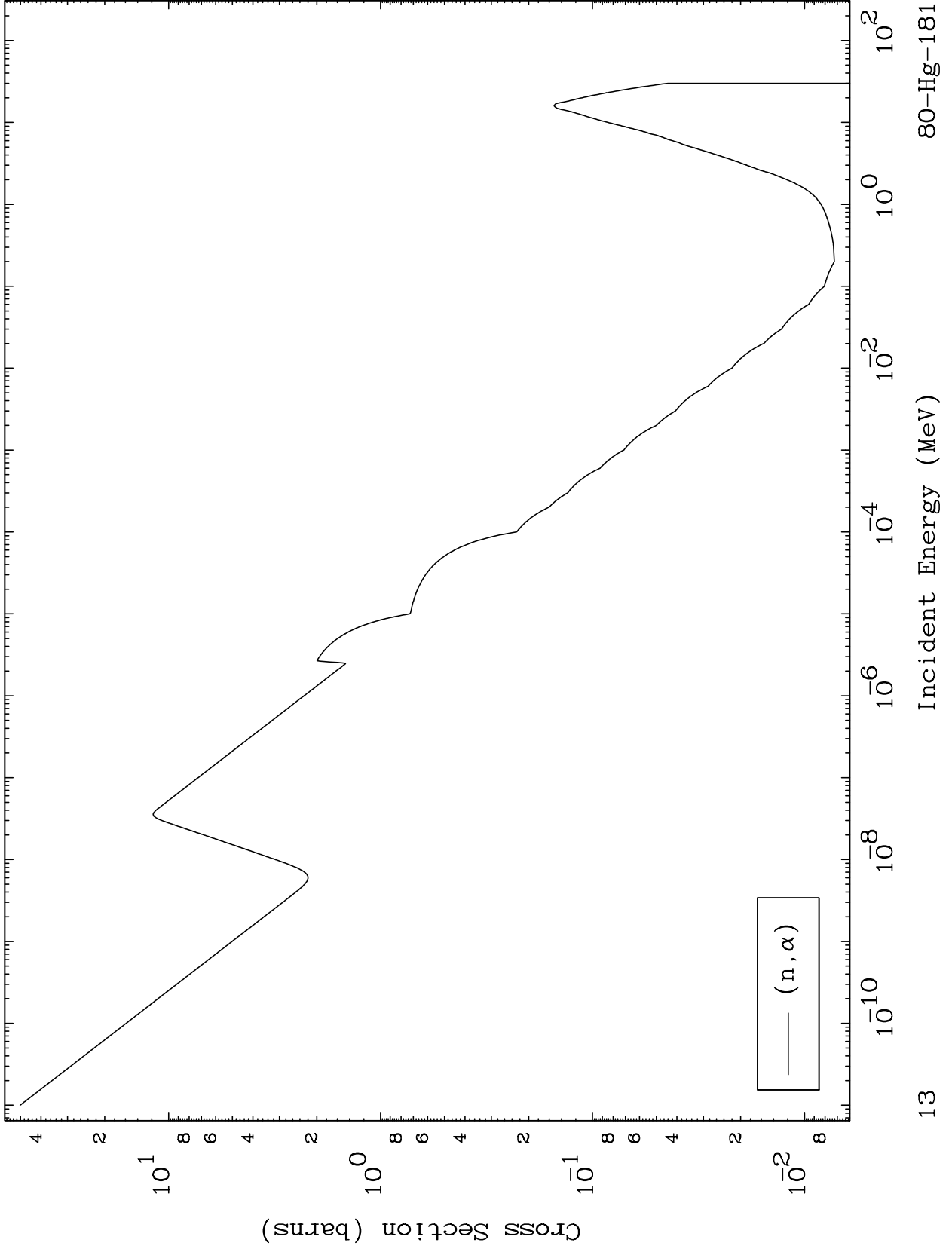
Incident Energy (MeV)

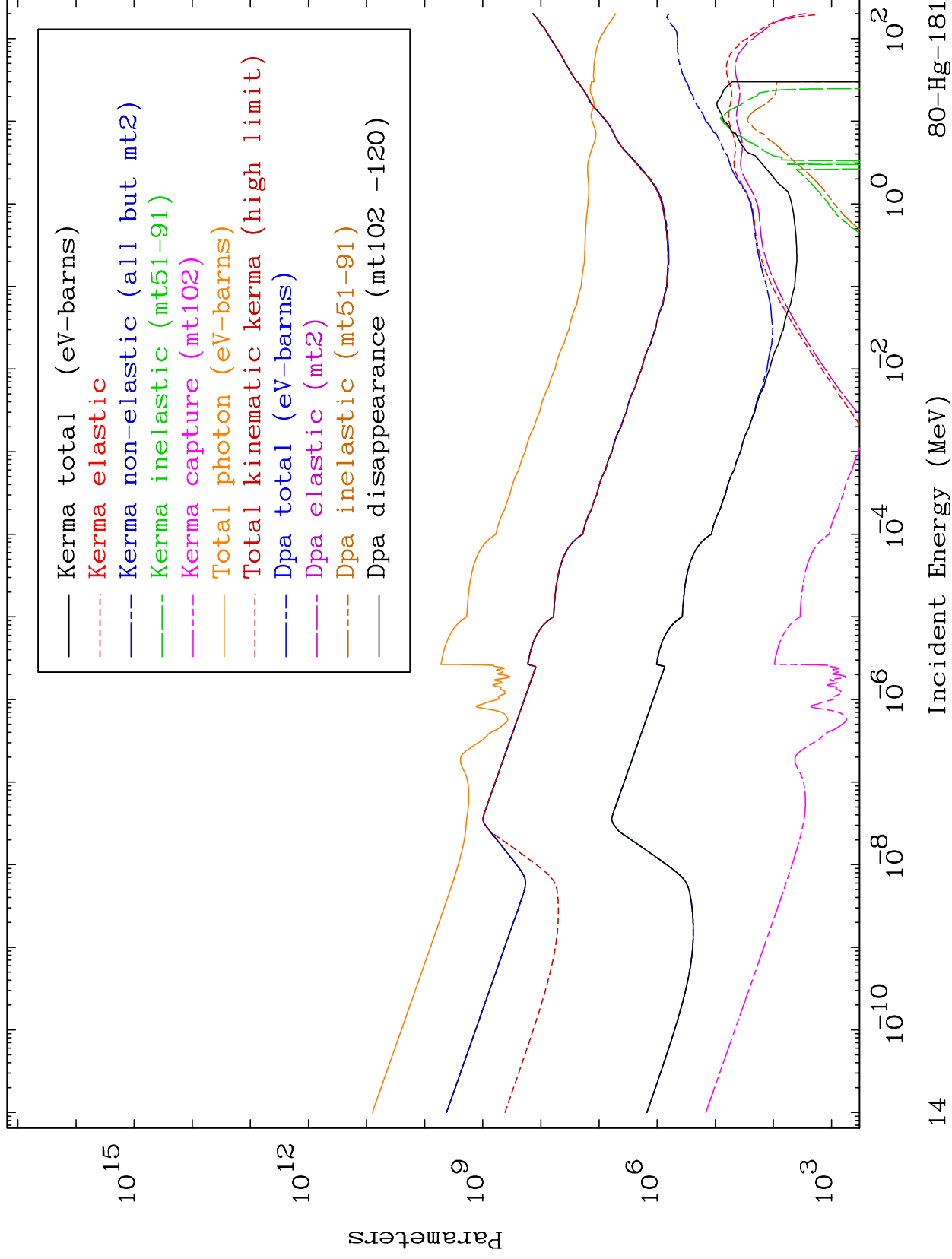
80-Hg-181

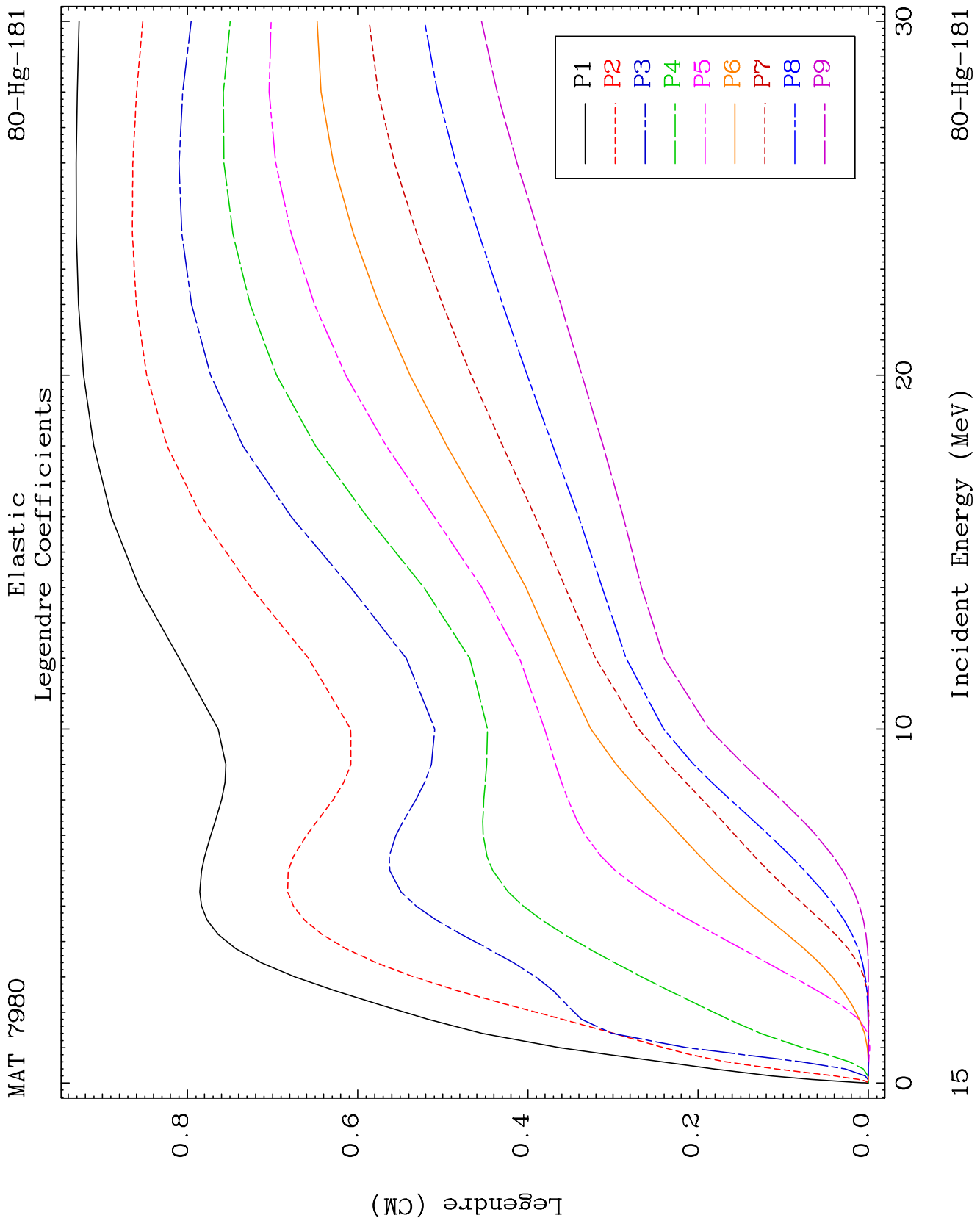
MAT 7980

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-181



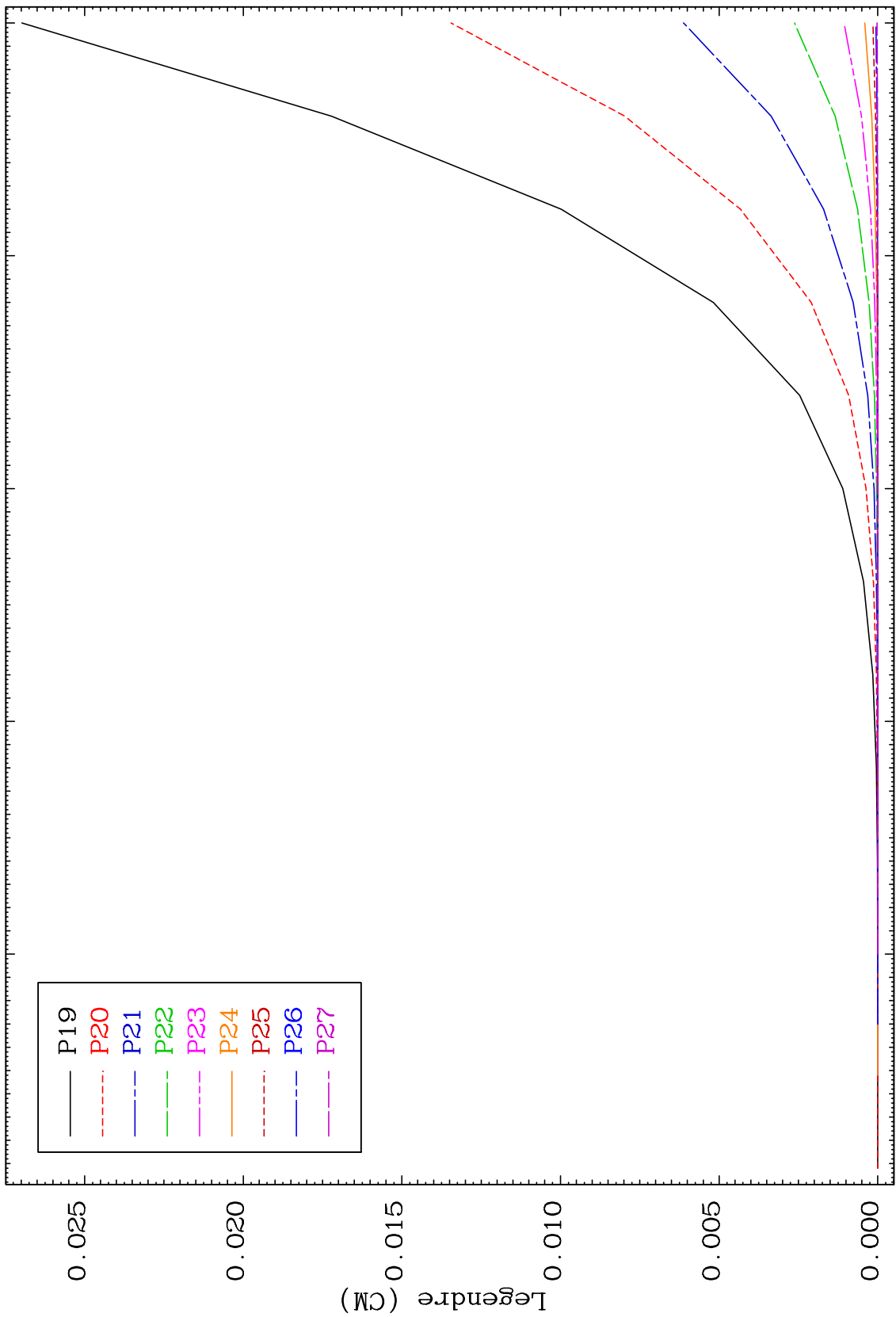




MAT 7980

Elastic Legendre Coefficients

80-Hg-181



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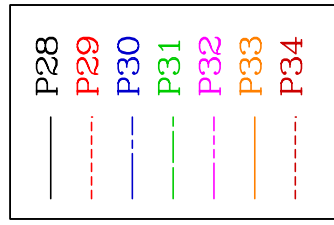
Incident Energy (MeV)

80-Hg-181

MAT 7980

Elastic
Legendre Coefficients

80-Hg-181



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

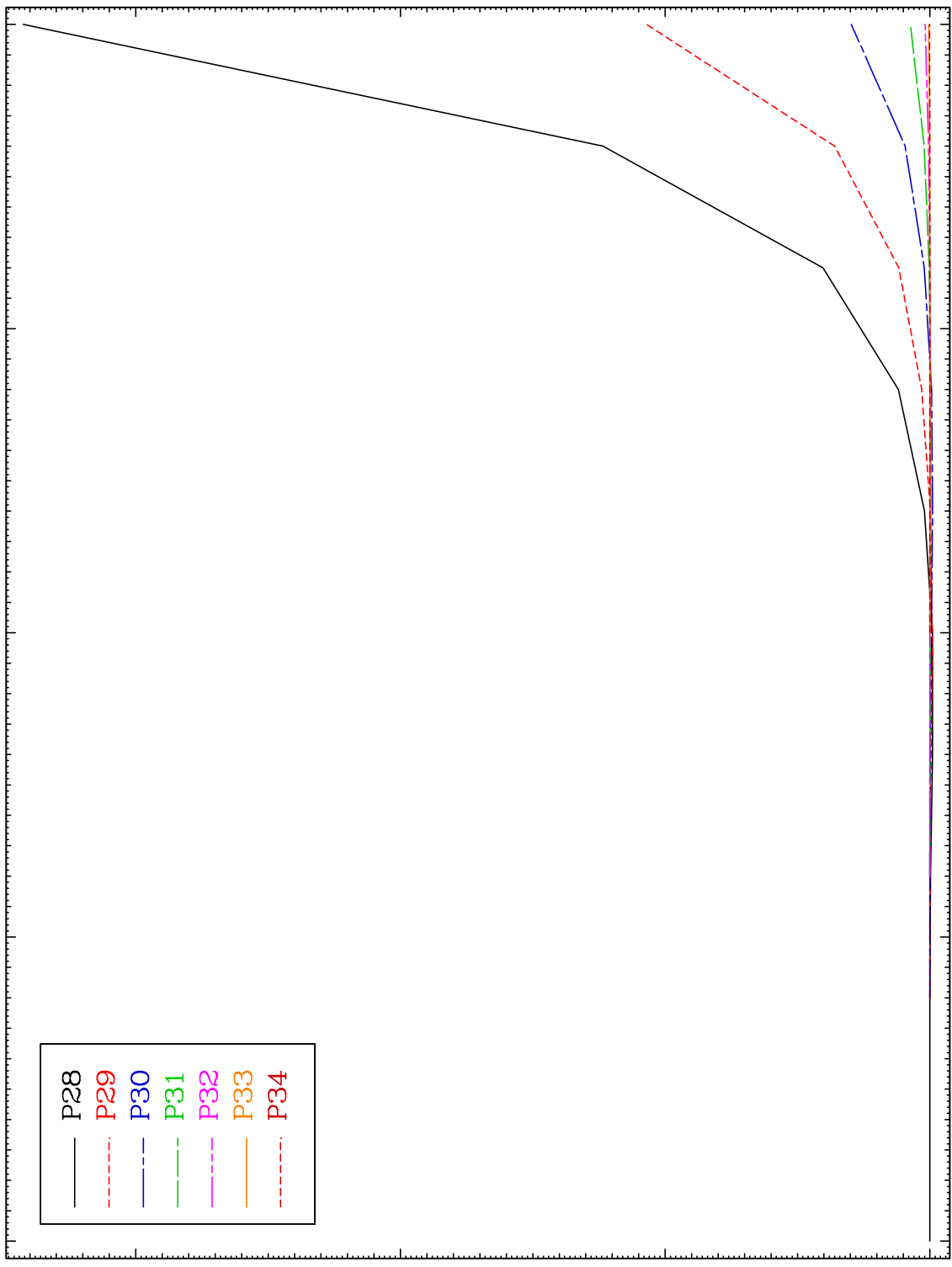
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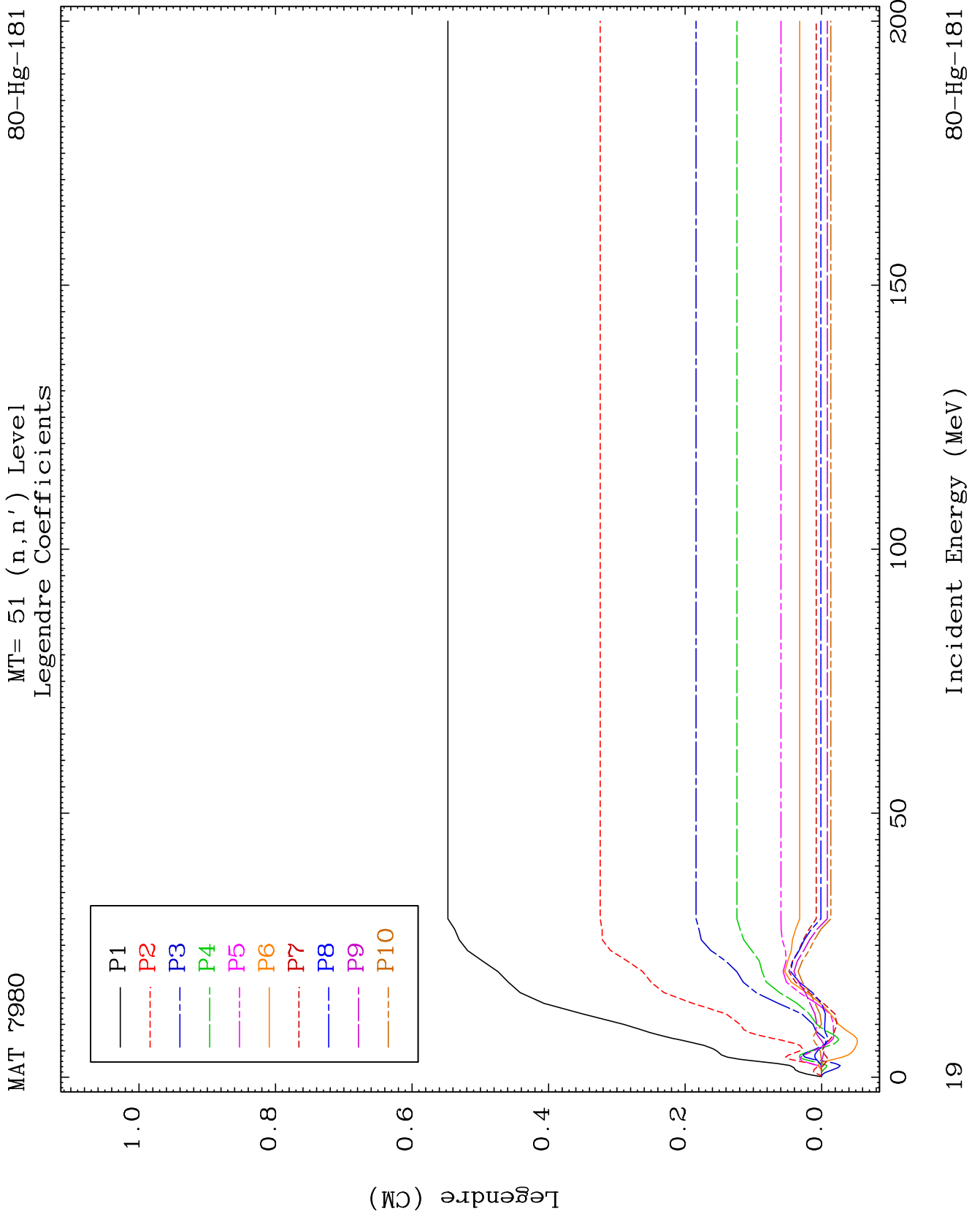
30

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Incident Energy (MeV)

80-Hg-181

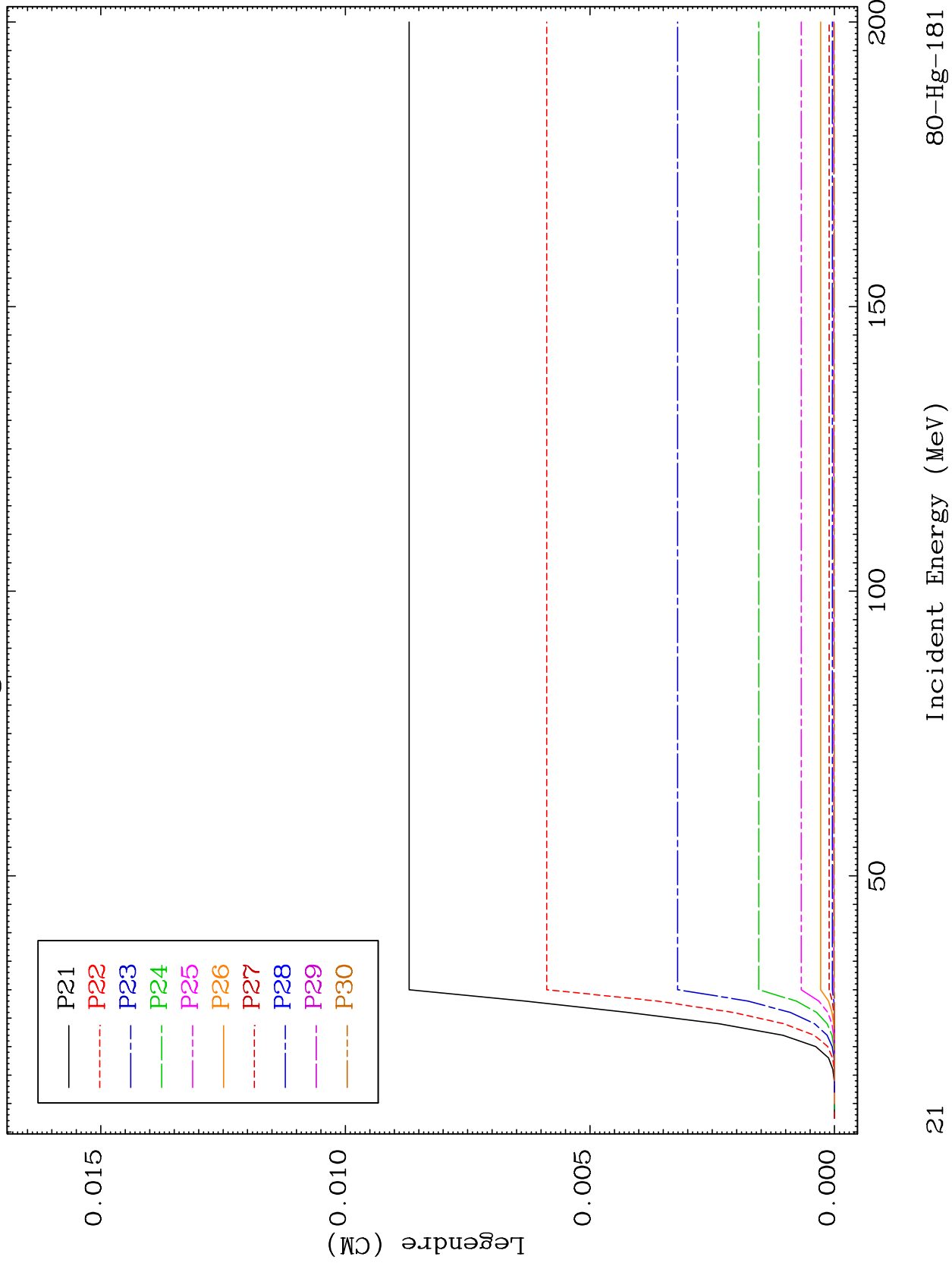


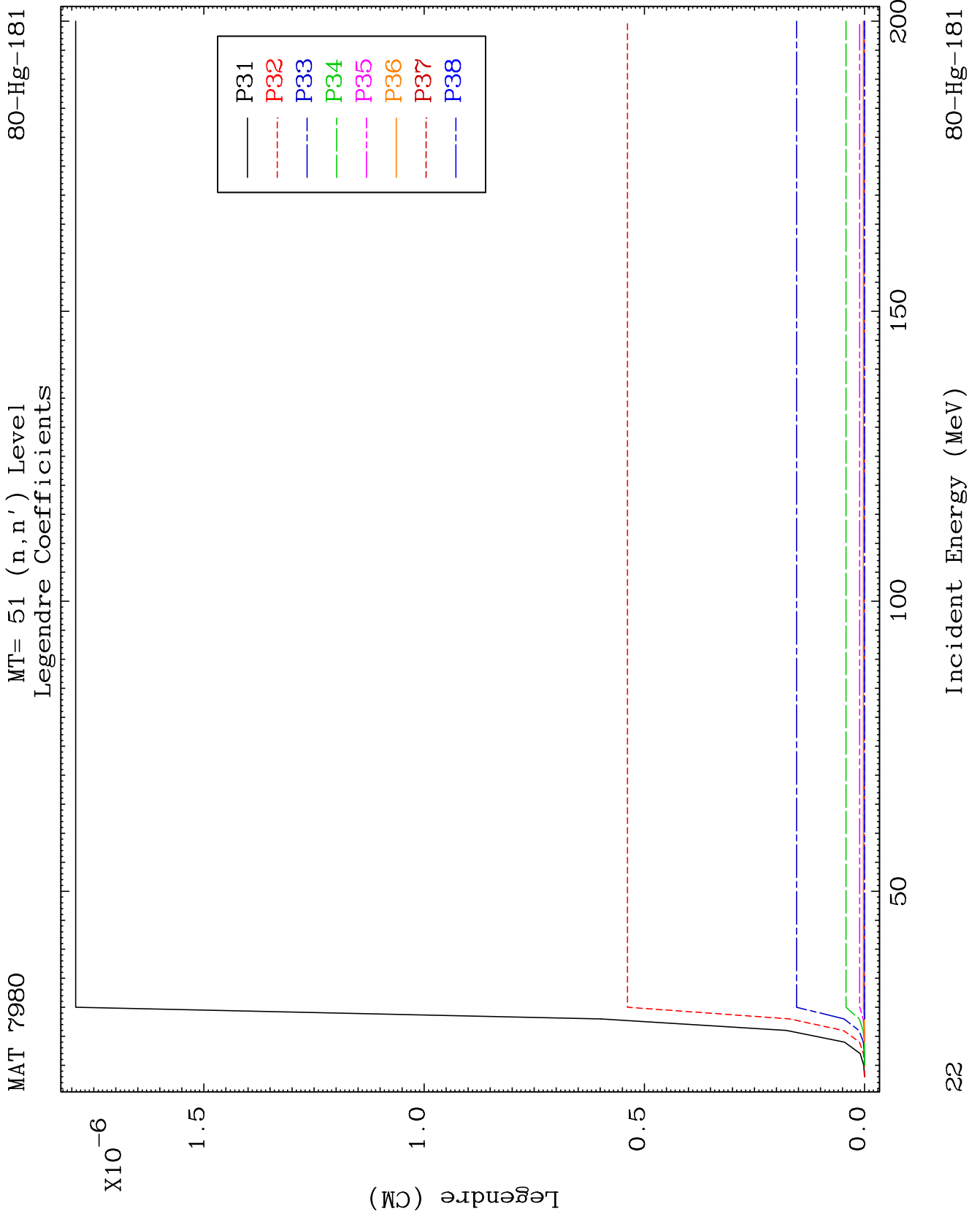


MAT 7980

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

80-Hg-181

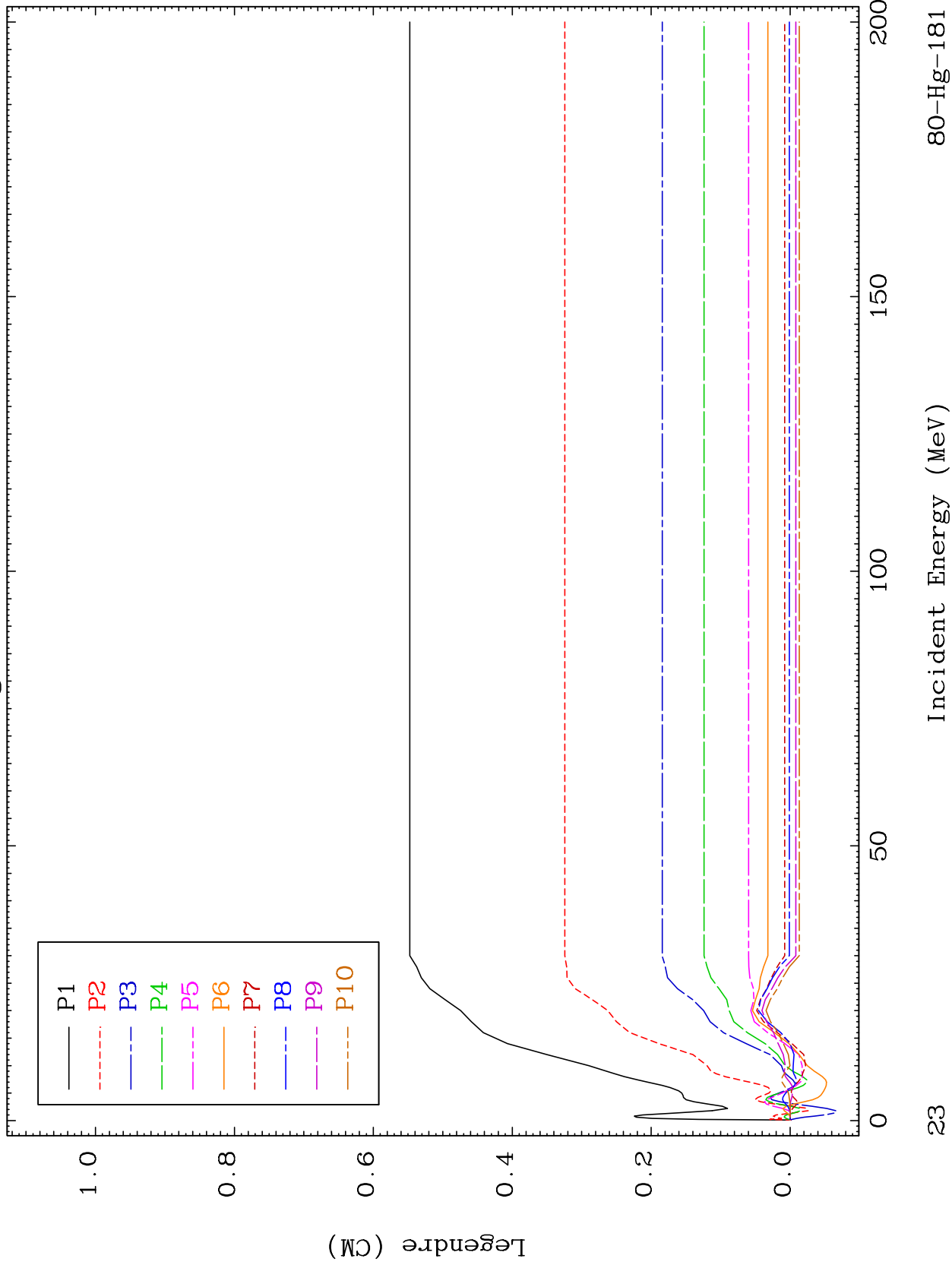




MAT 7980

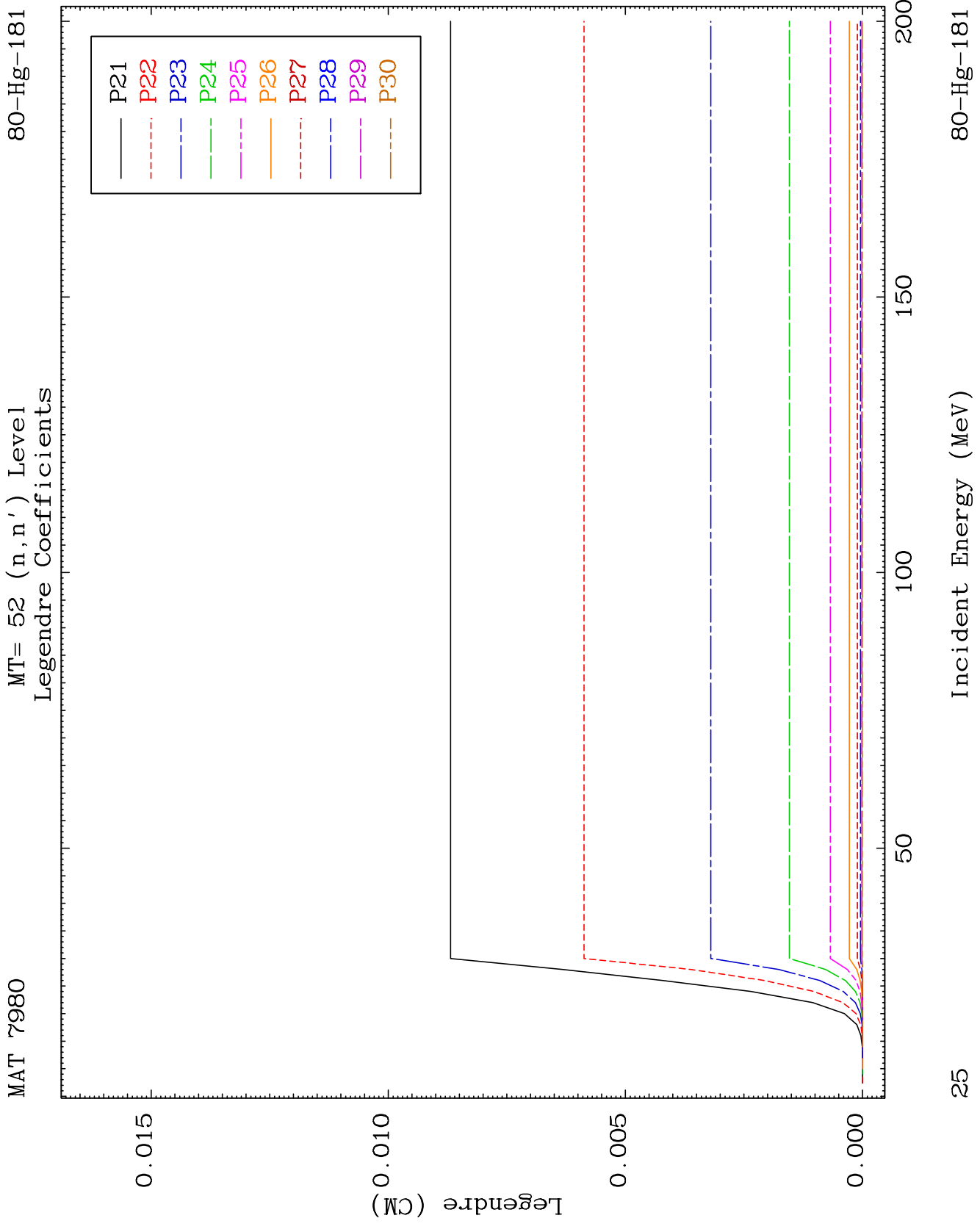
MT= 52 (n,n') Level
Legendre Coefficients

80-Hg-181



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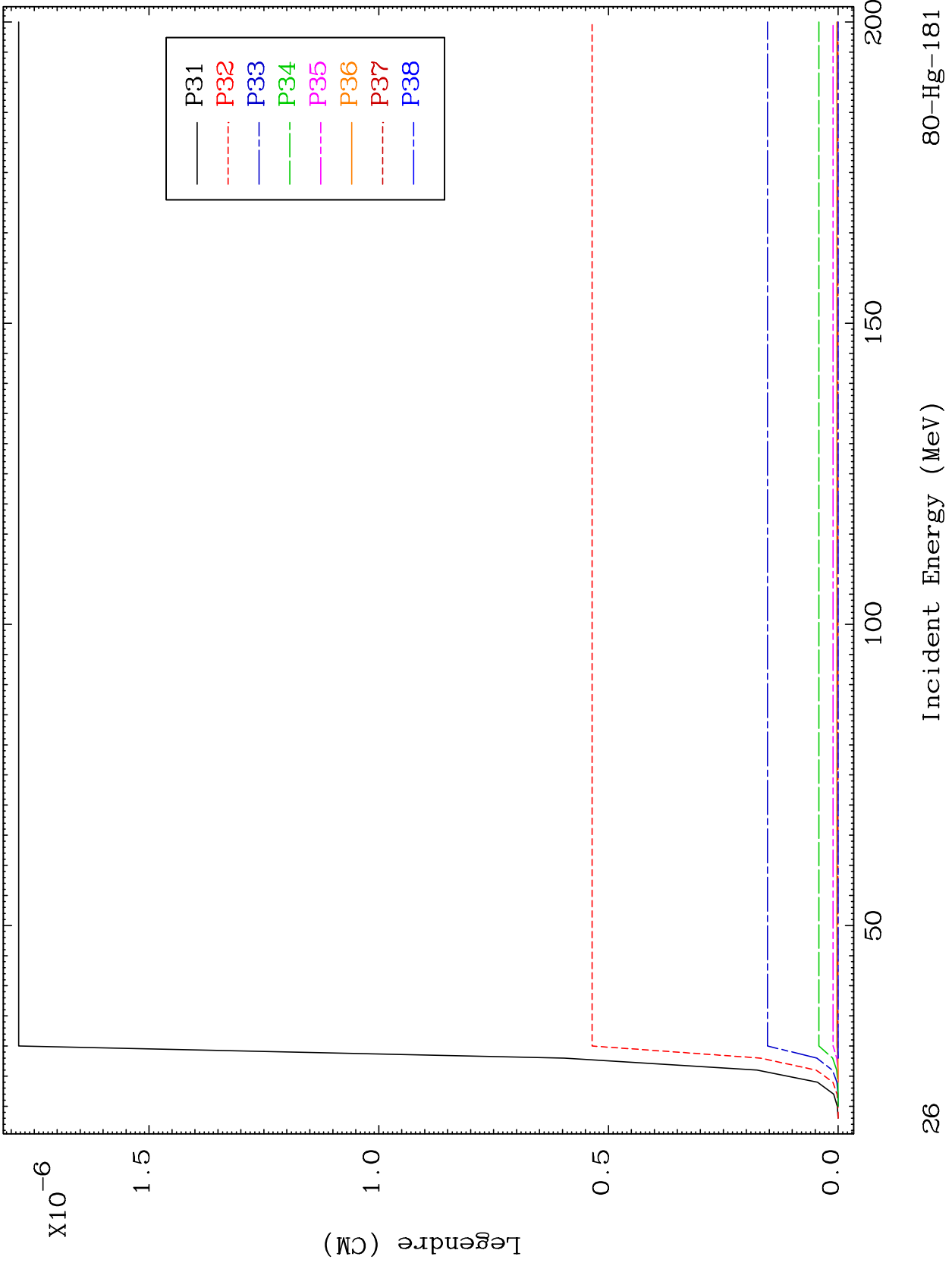
80-Hg-181



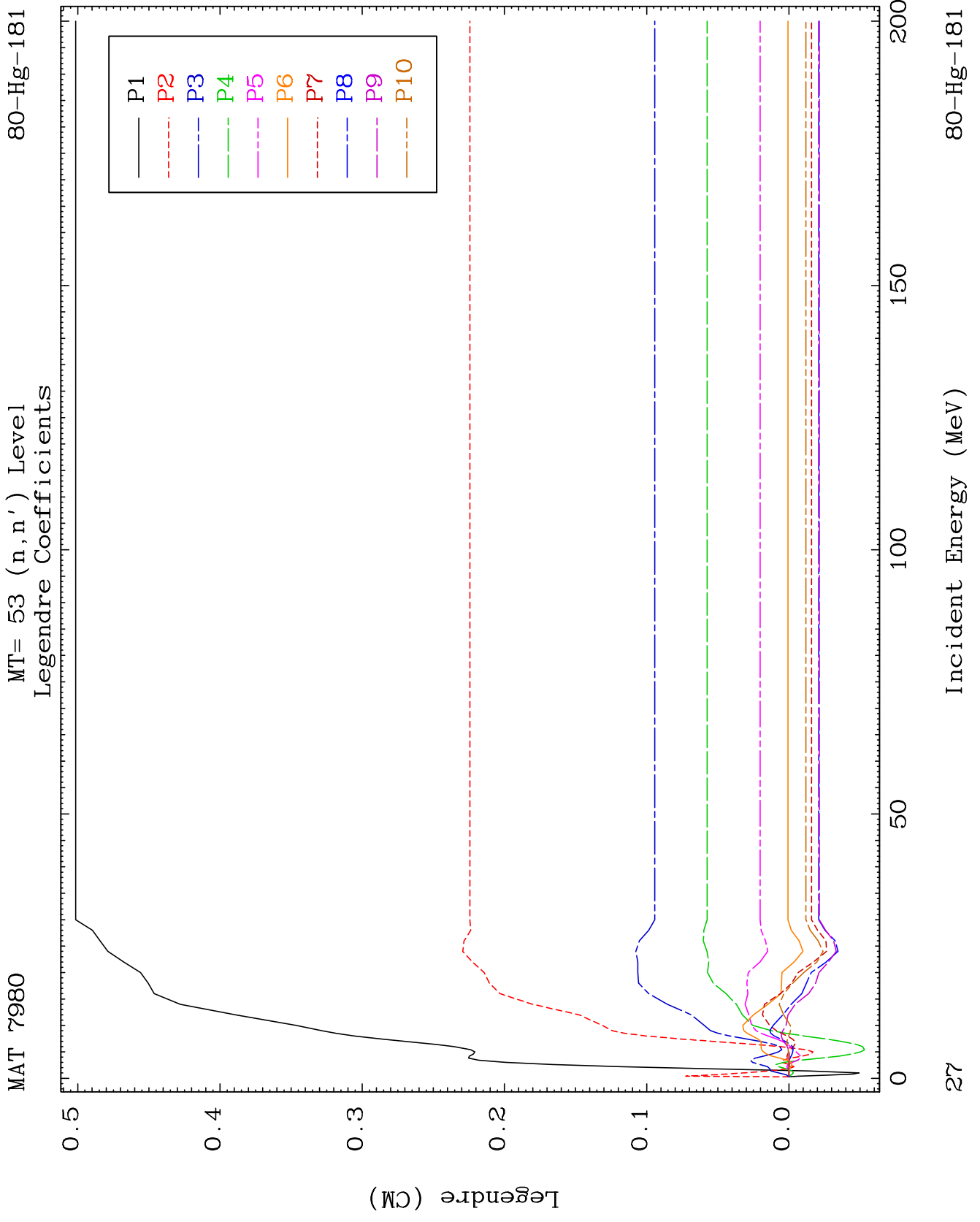
MAT 7980

MT= 52 (n,n') Level
Legendre Coefficients

80-Hg-181



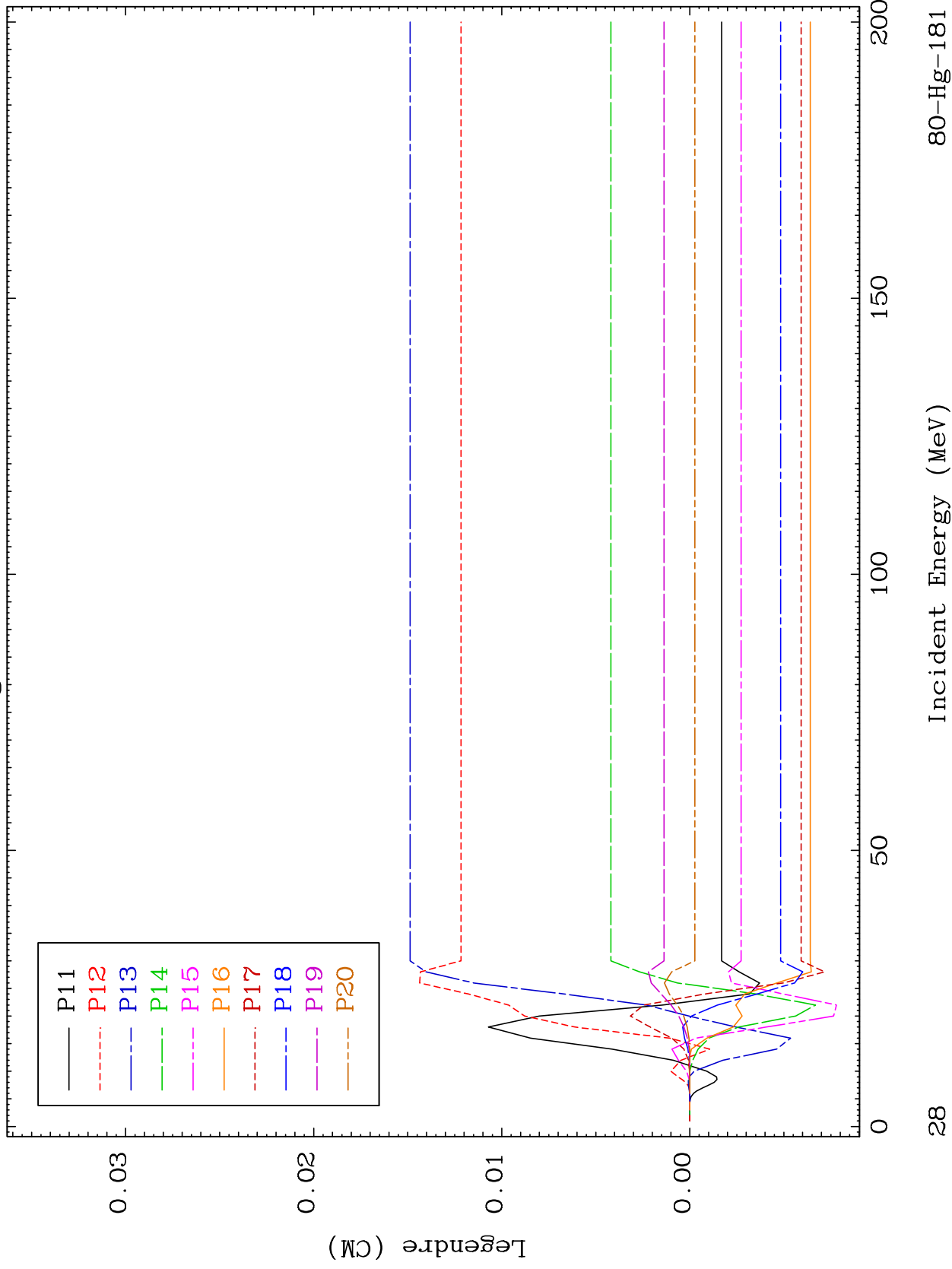
26



MAT 7980

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

80-Hg-181

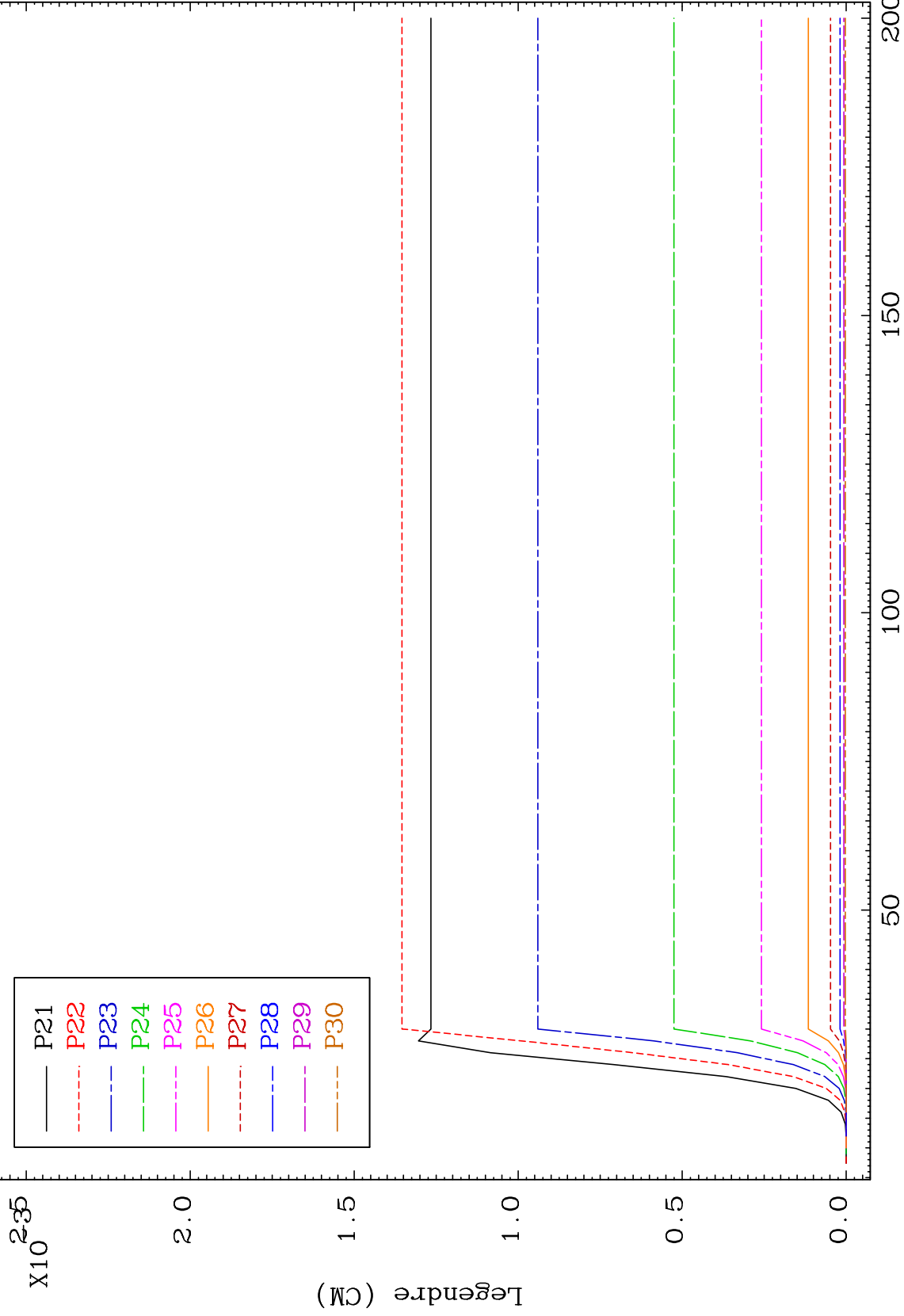


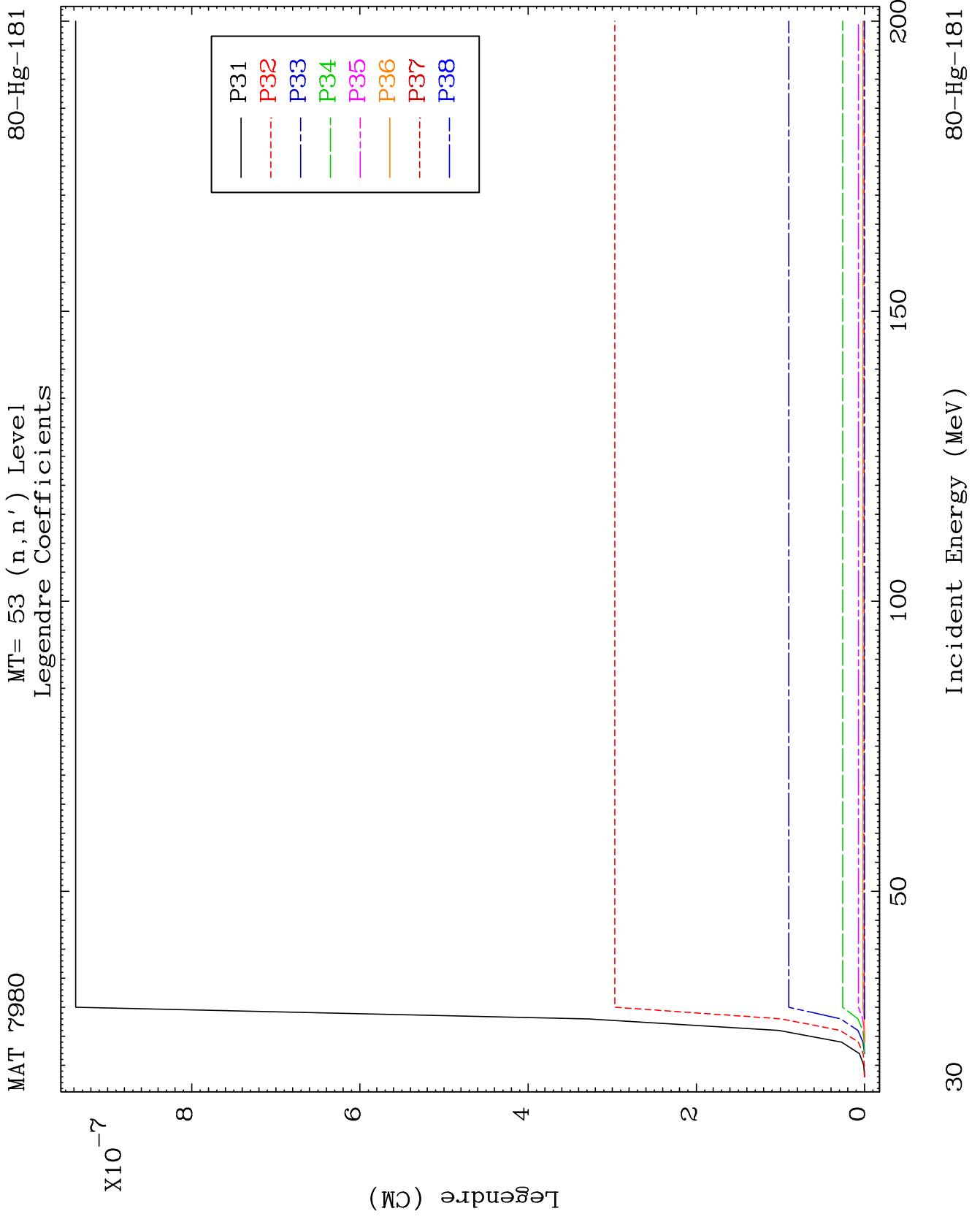
28

MAT 7980

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

80-Hg-181

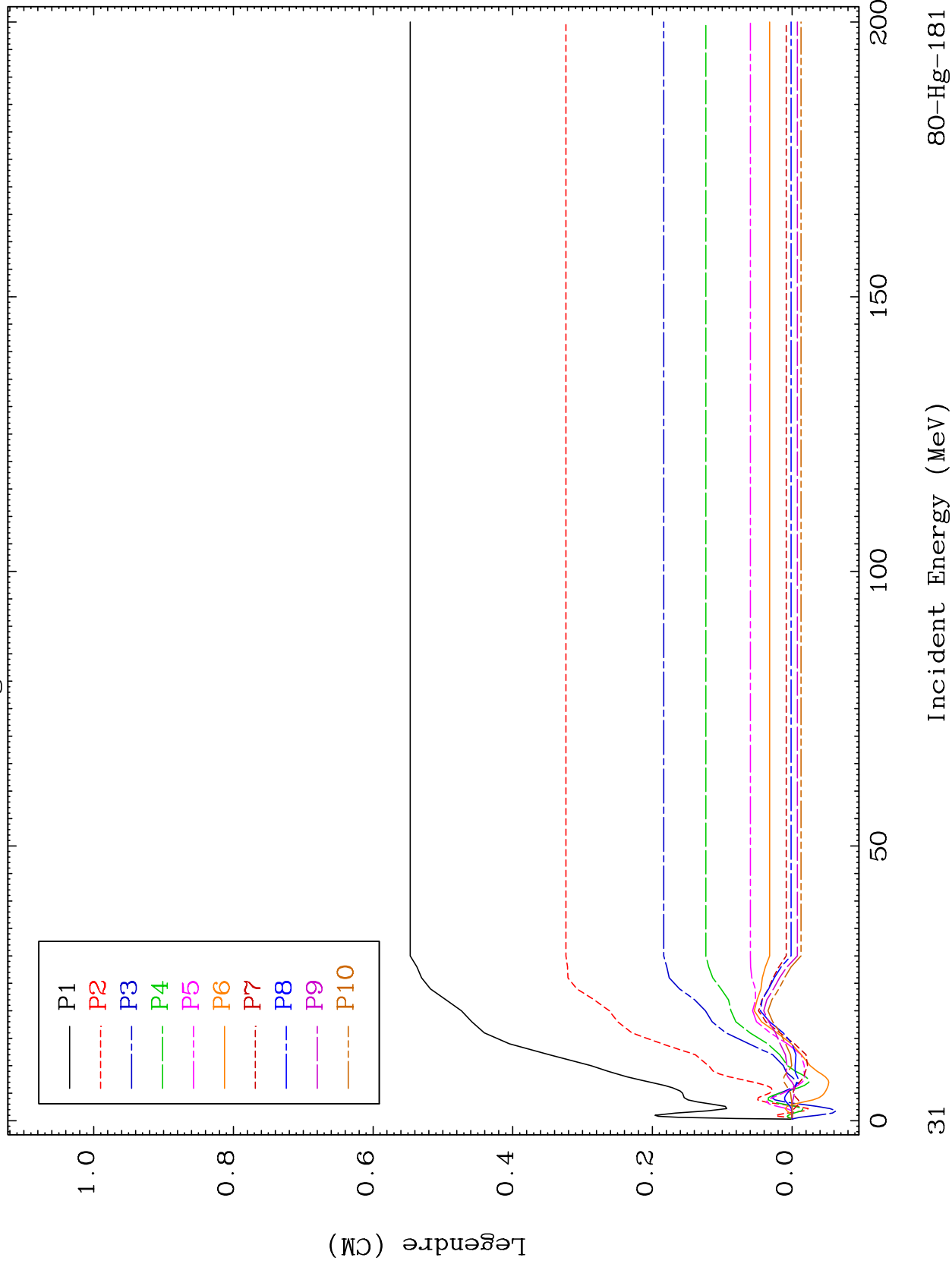




MAT 7980

MT= 54 (n,n') Level
Legendre Coefficients

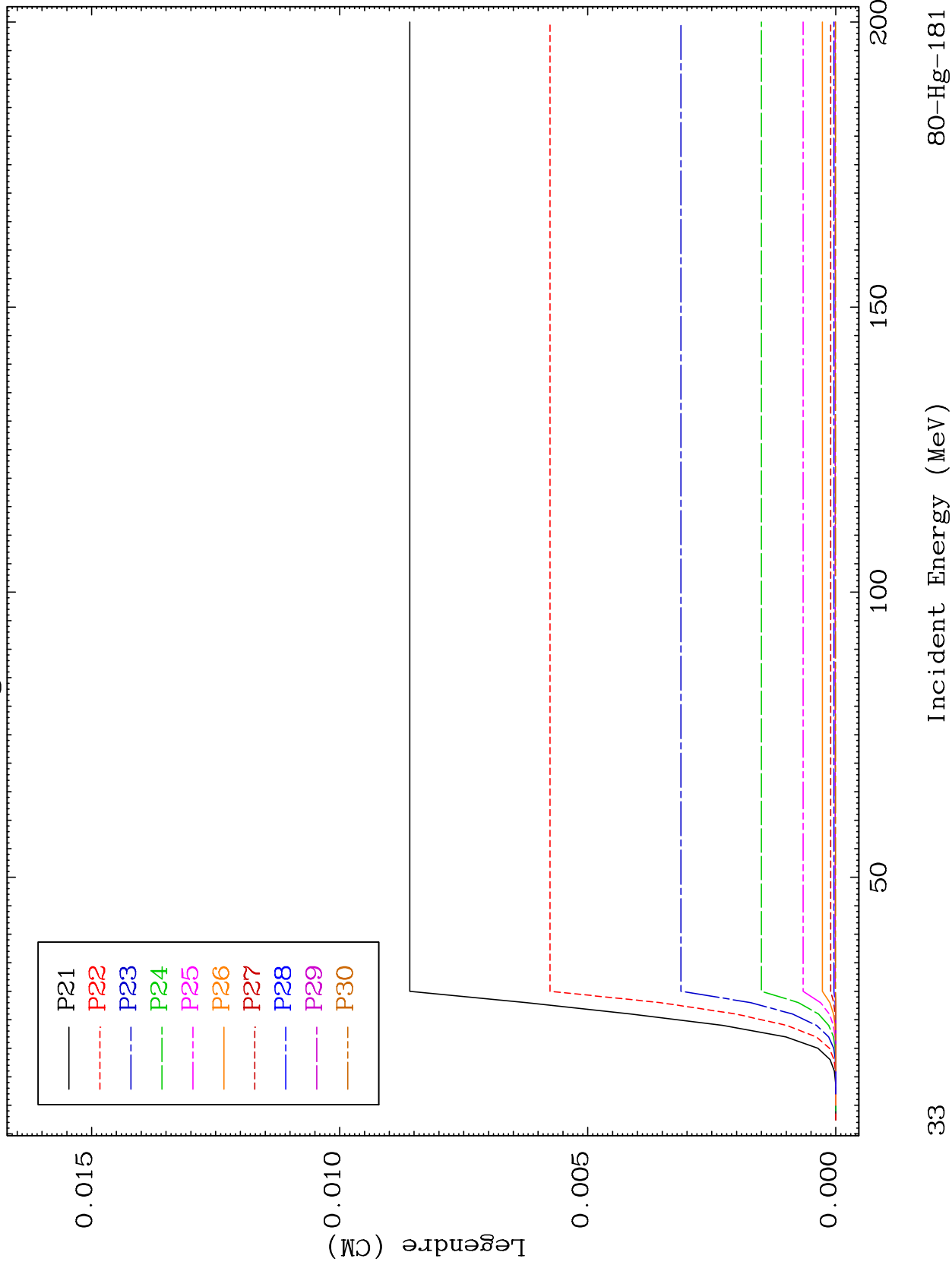
80-Hg-181



MAT 7980

MT= 54 (n,n') Level
Legendre Coefficients

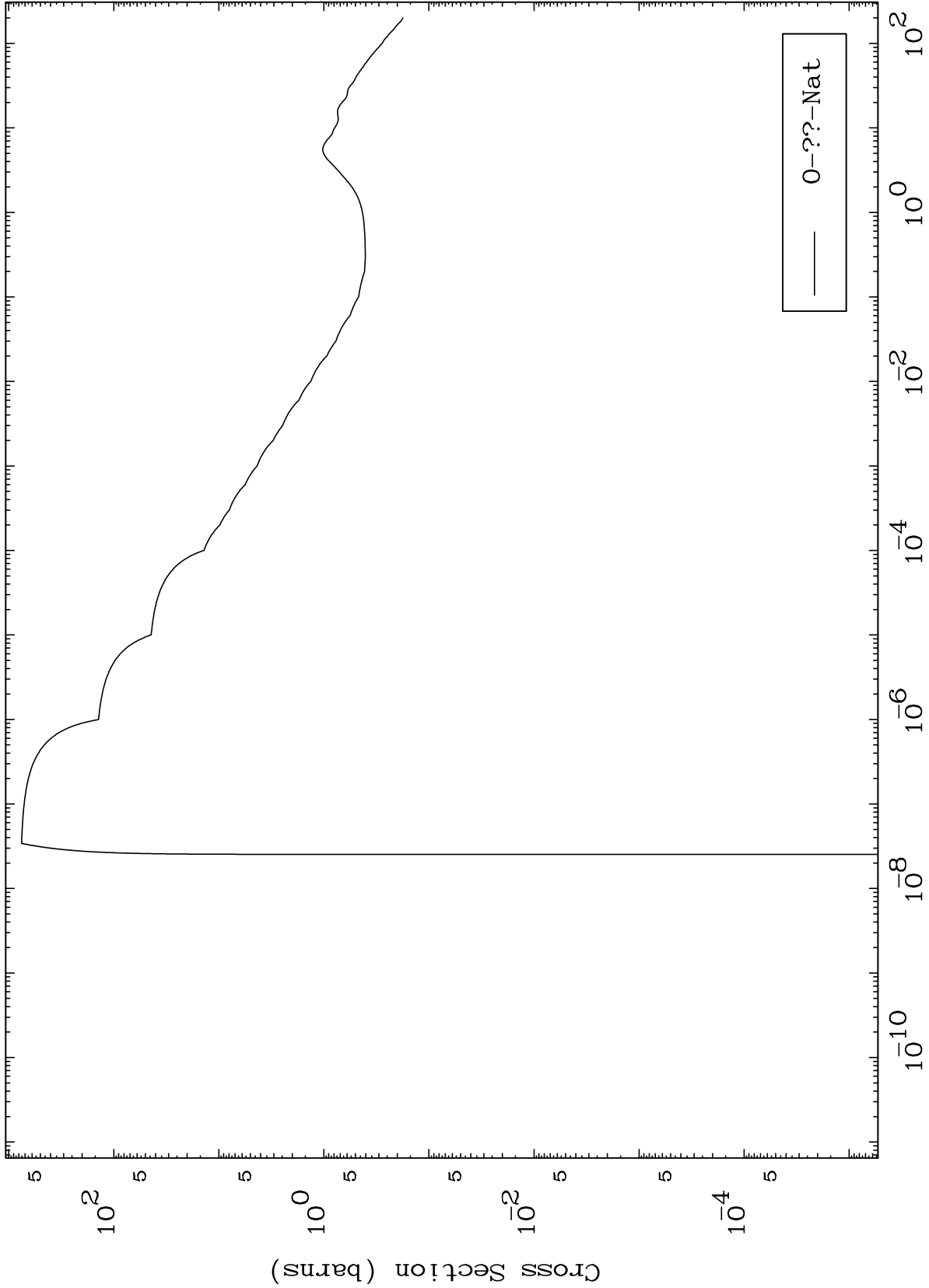
80-Hg-181



MAT 7980

80-Hg-181

Fission
Radionuclide Production Cross Section



MAT 7980

(n,d) 2 α

80-Hg-181

Radionuclide Production Cross Section

