

Program EVALPLOT
(Version 2015-2)

by

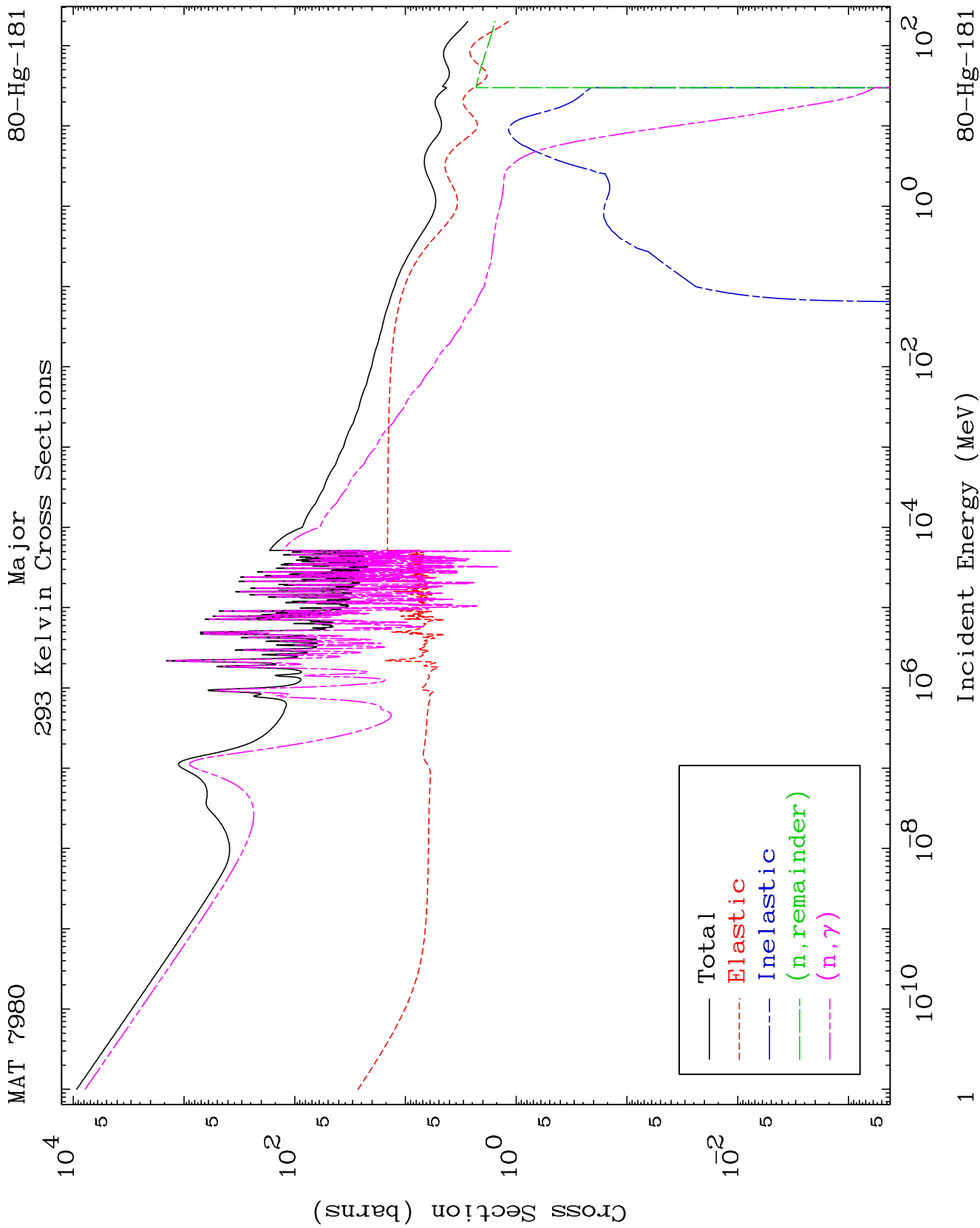
Dermott E. Cullen
(Present Contact Information)

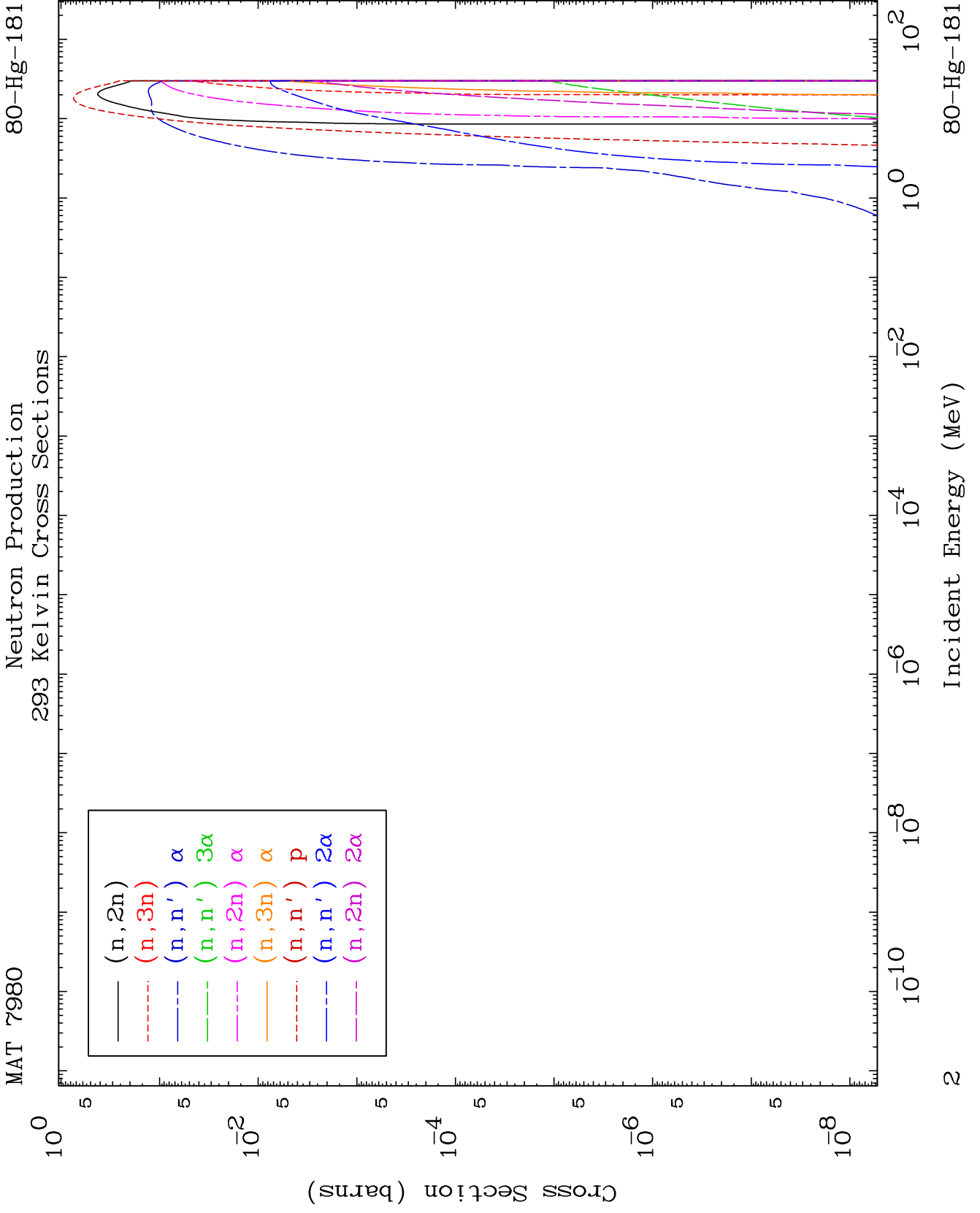
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Press Mouse Button to Start

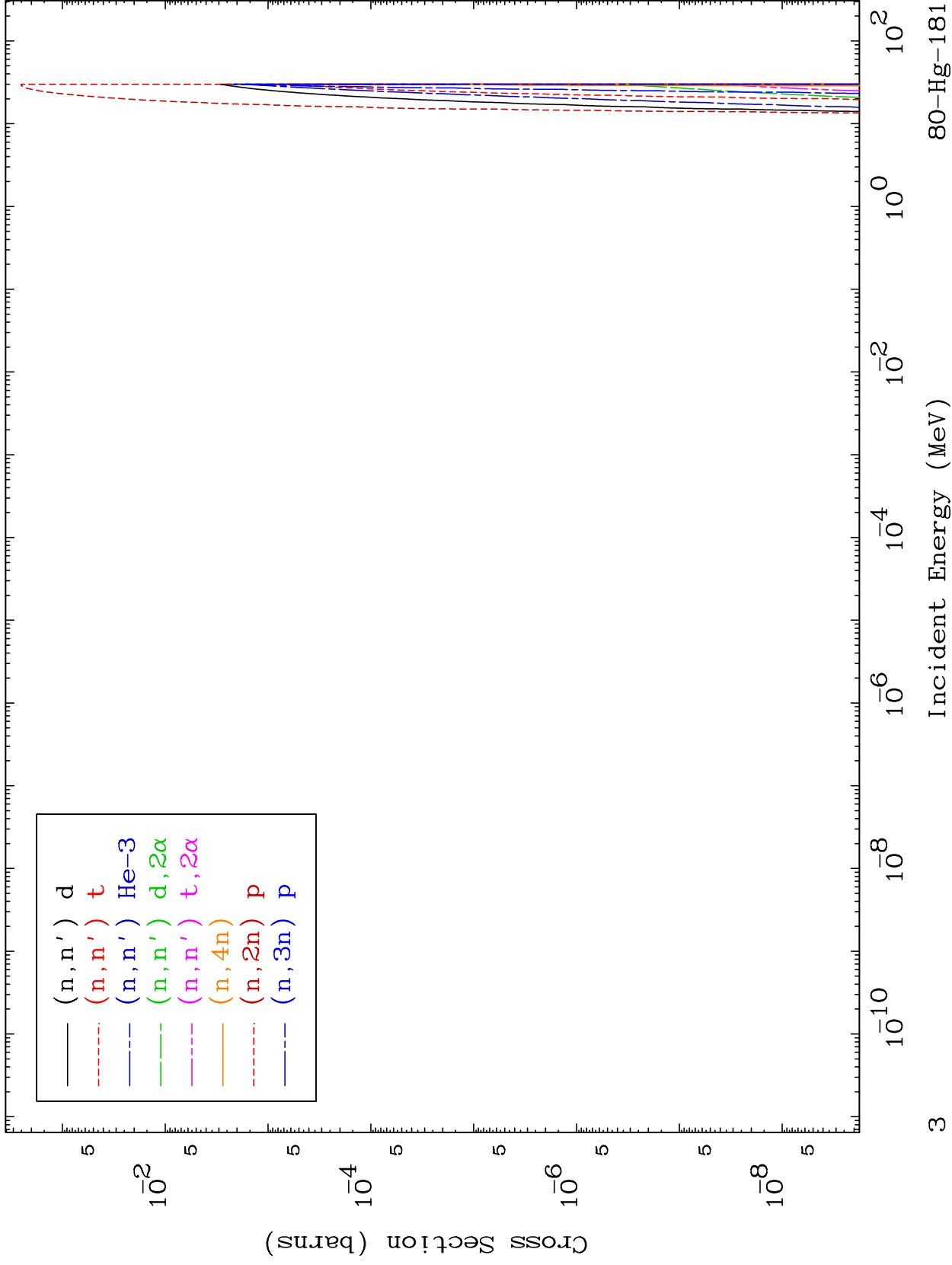


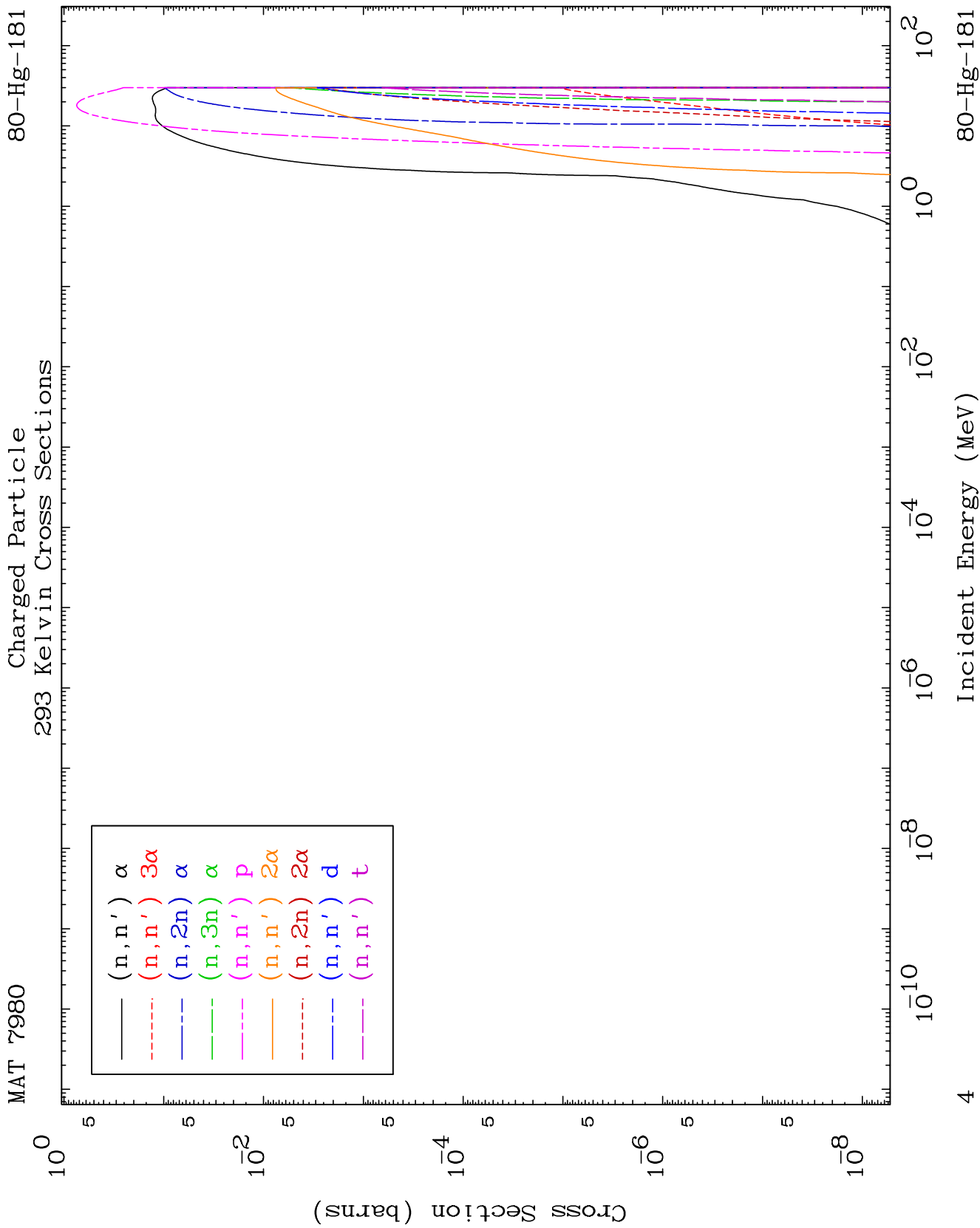


MAT 7980

Neutron Production
293 Kelvin Cross Sections

80-Hg-181

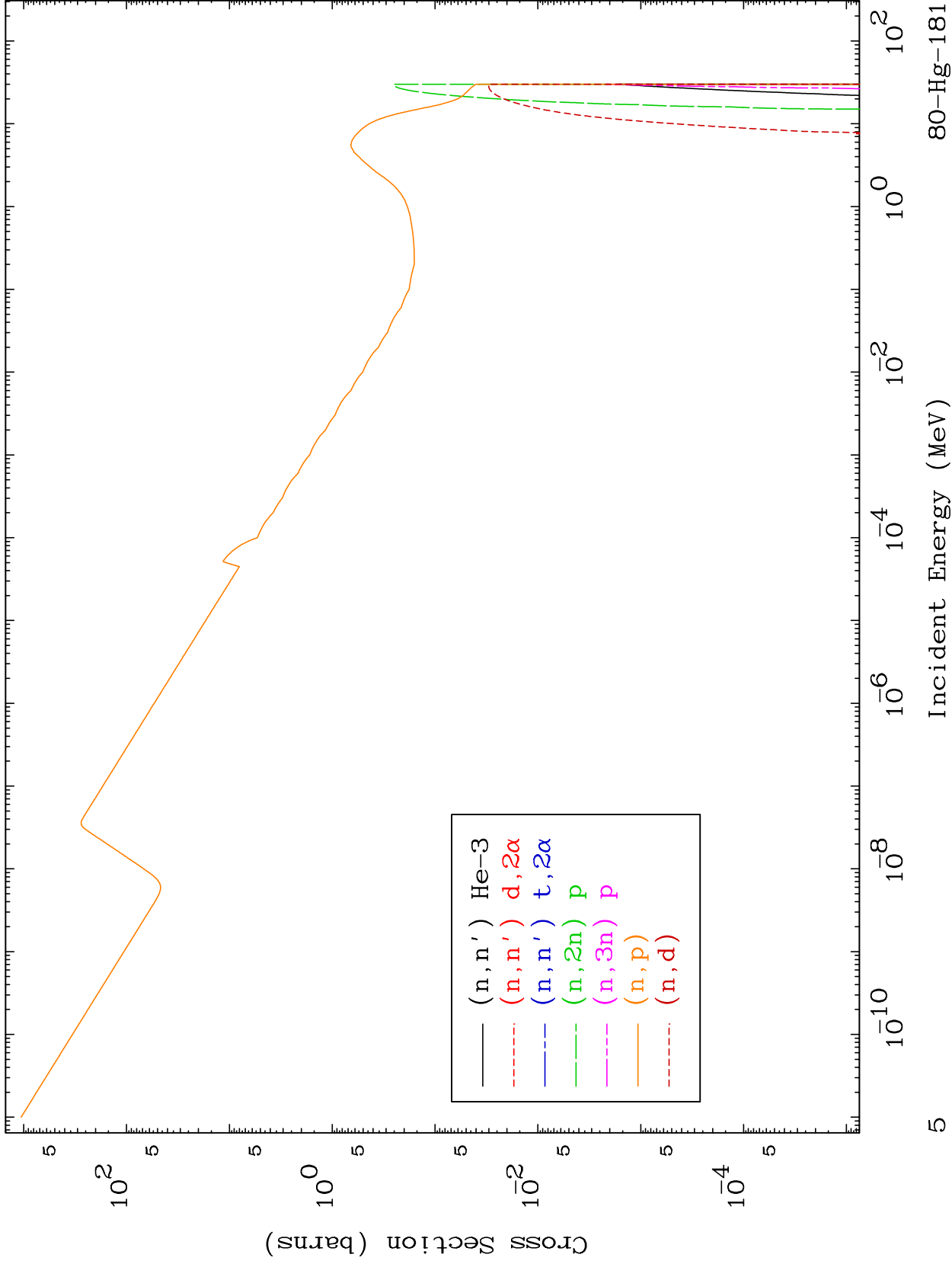




MAT 7980

Charged Particle
293 Kelvin Cross Sections

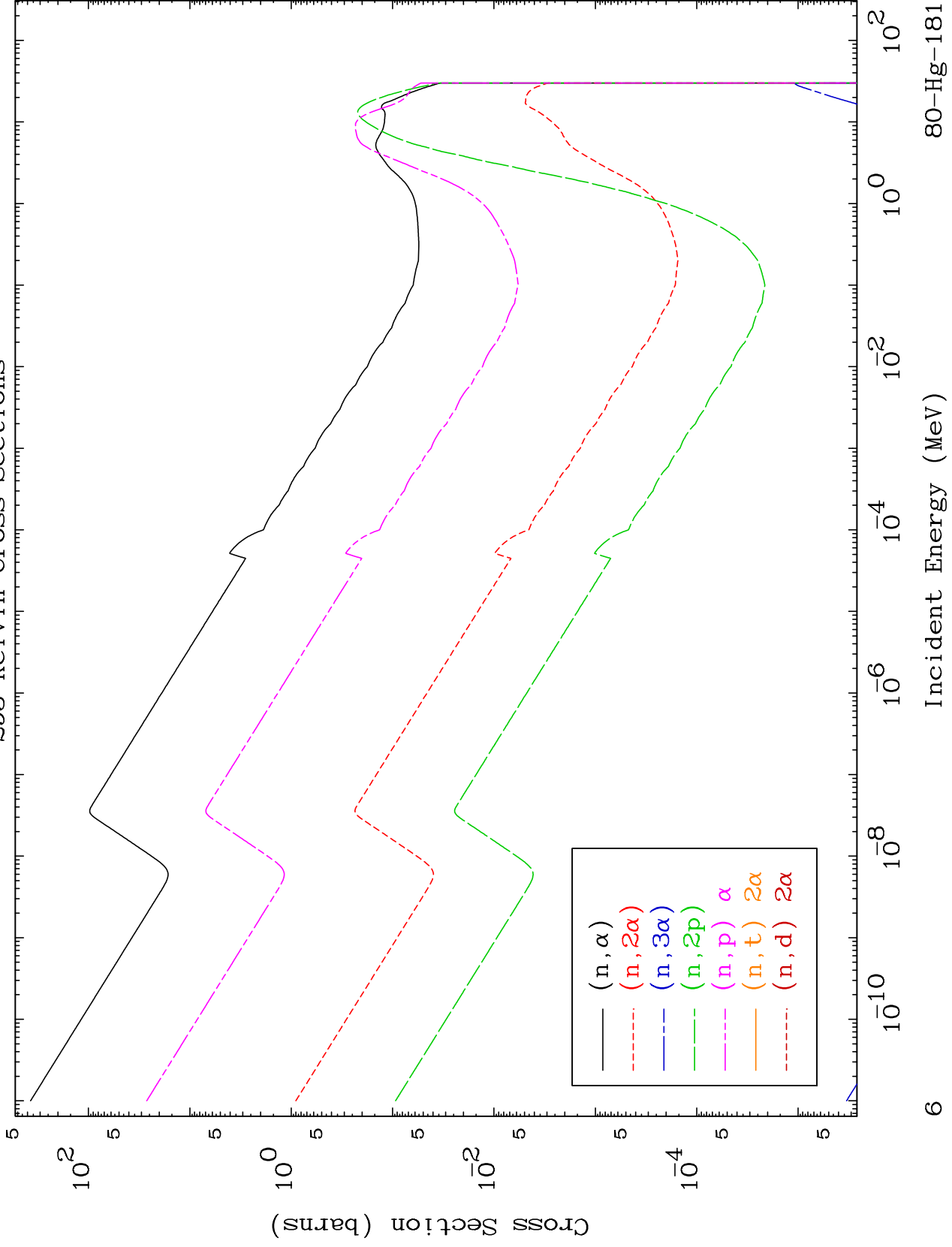
80-Hg-181



MAT 7980

Charged Particle
293 Kelvin Cross Sections

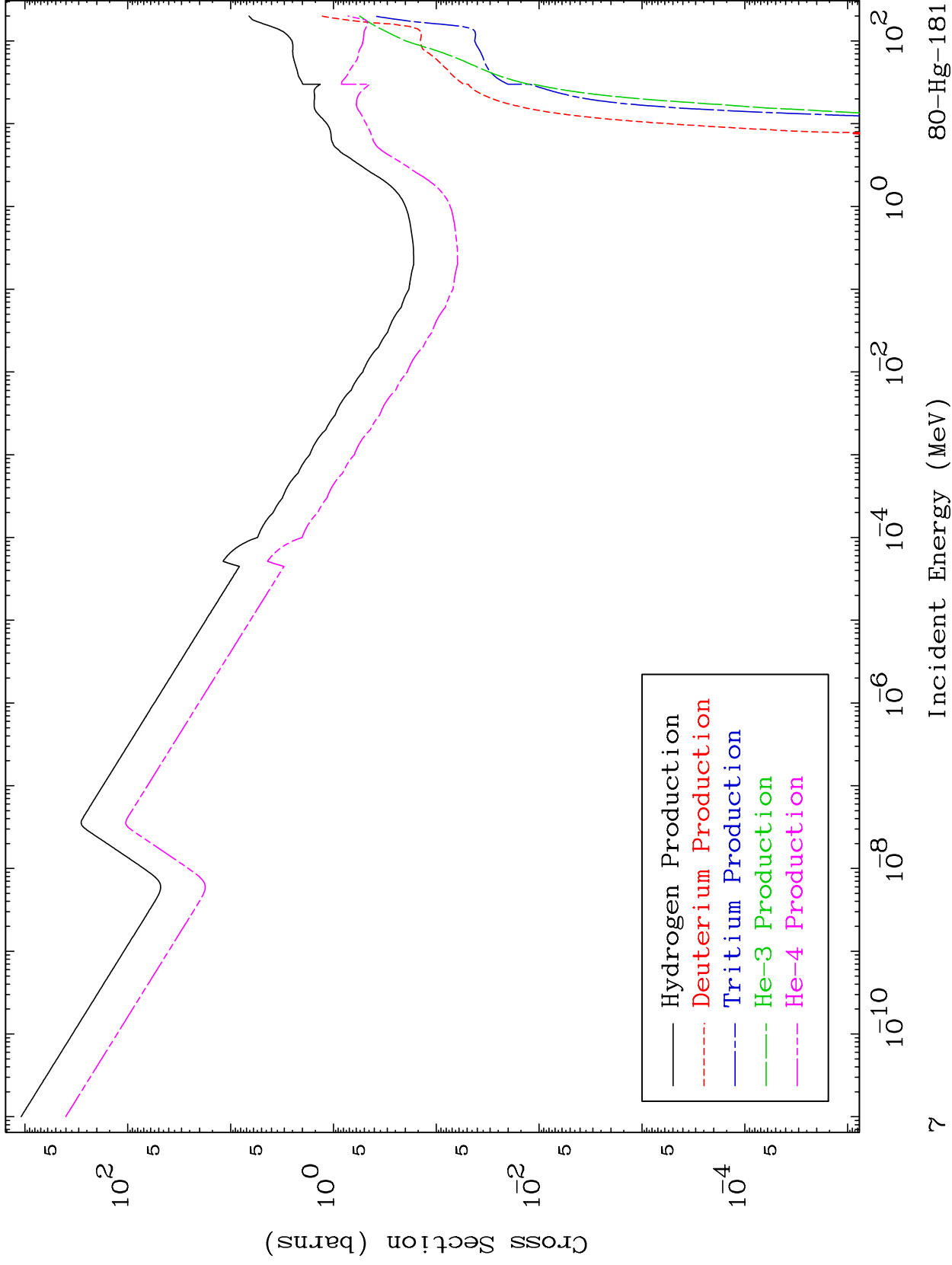
80-Hg-181



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Particle Production
293 Kelvin Cross Sections

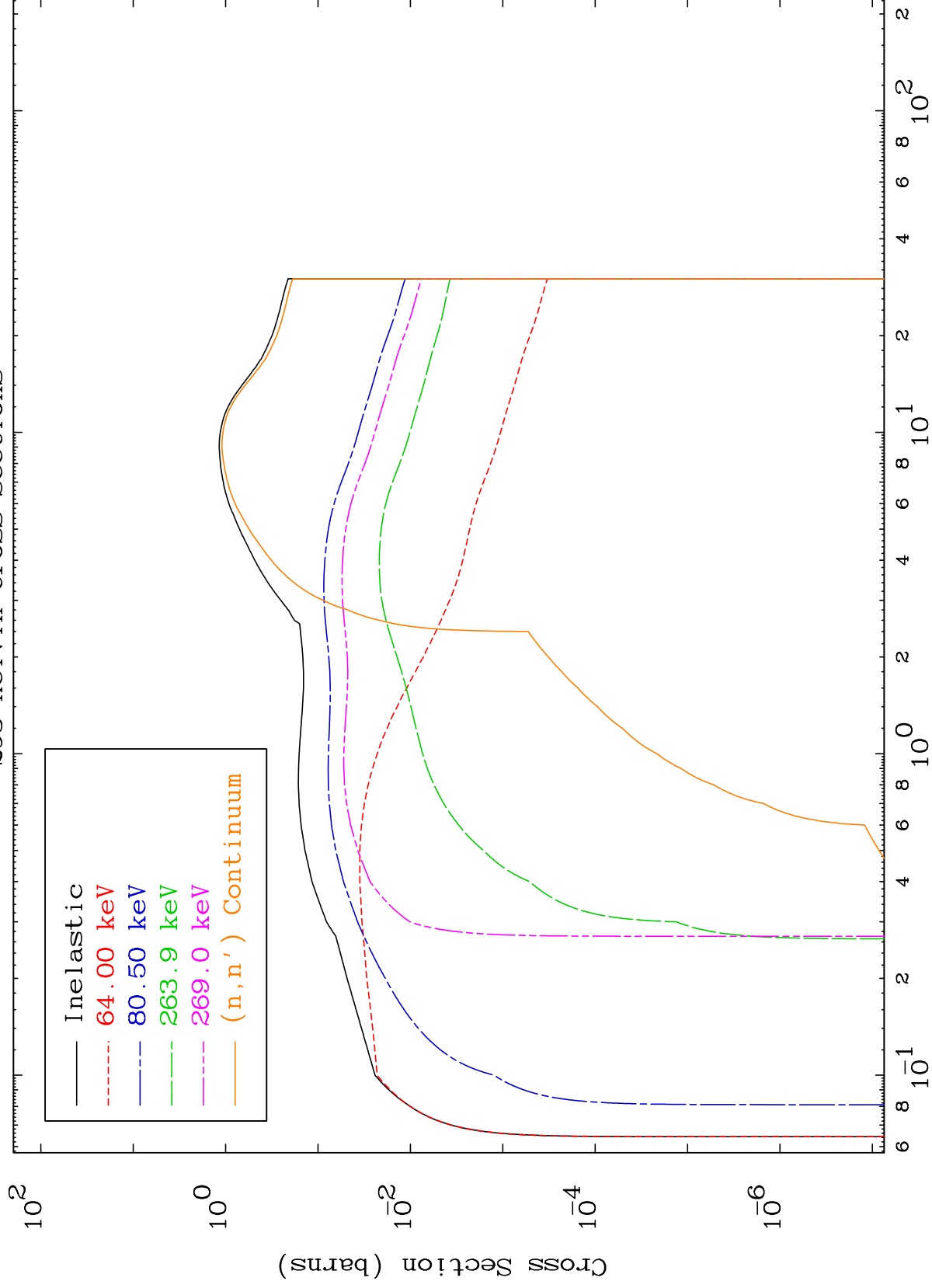
80-Hg-181



MAT 7980

(n,n') Level
293 Kelvin Cross Sections

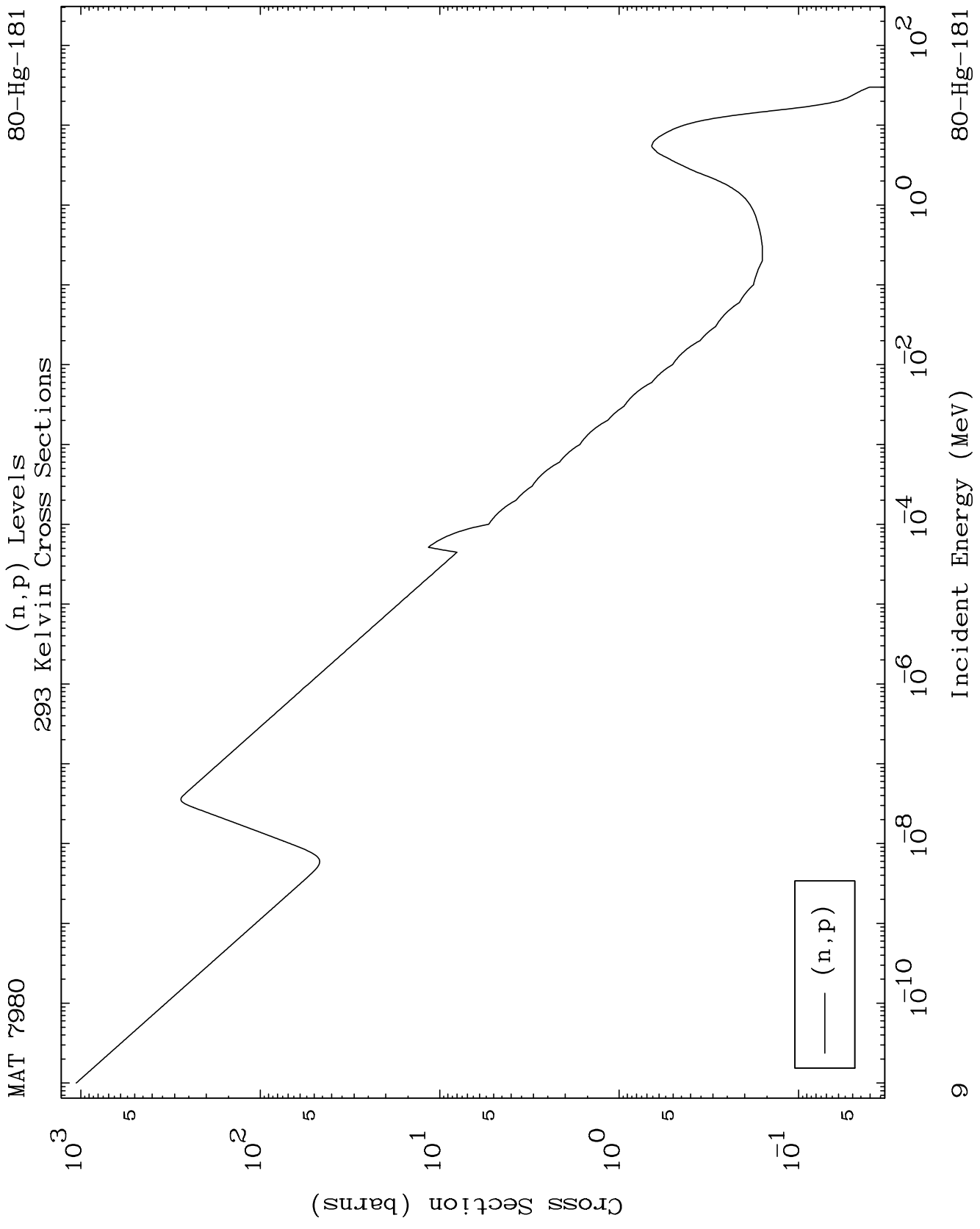
80-Hg-181



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Incident Energy (MeV)

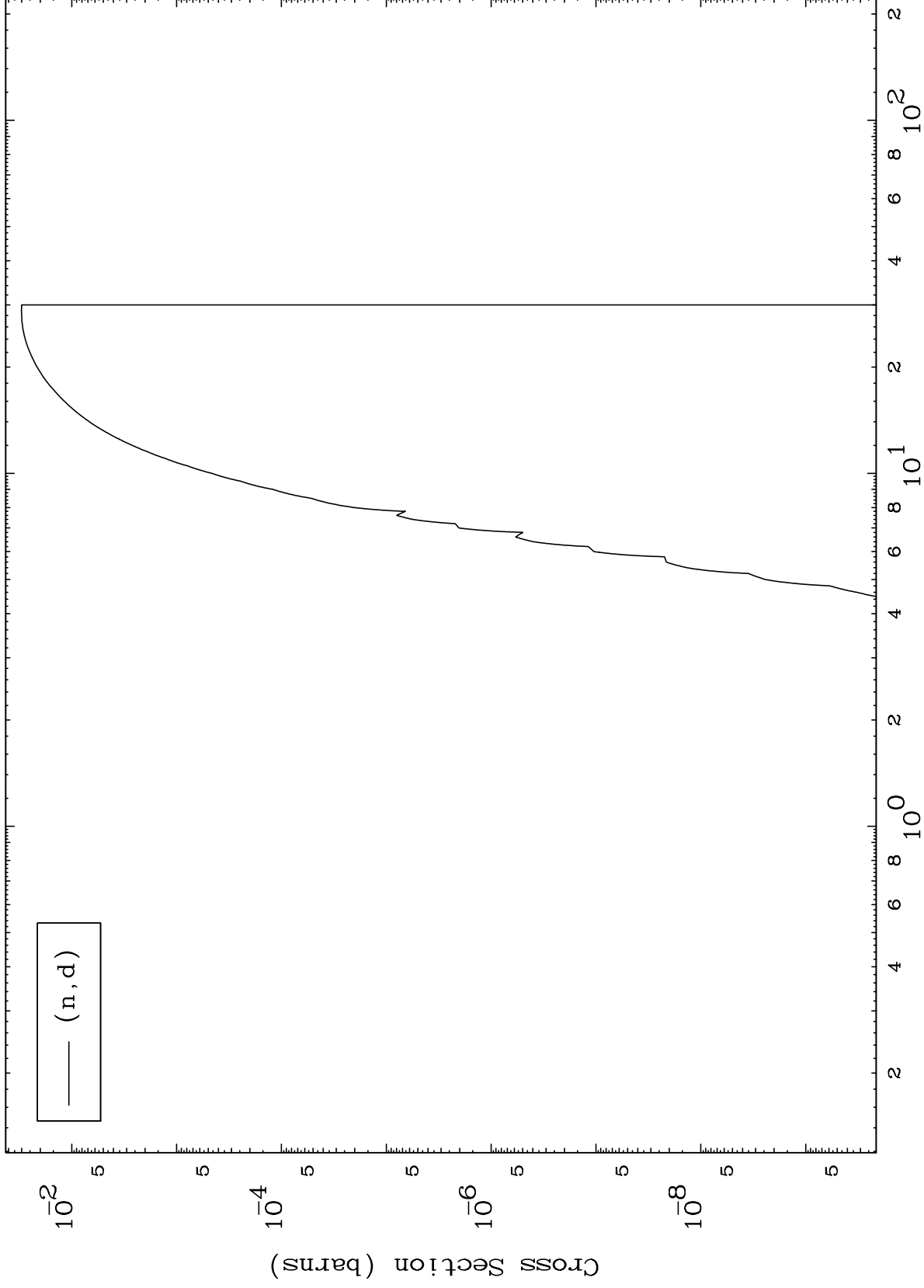
80-Hg-181



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(n,d) Levels
293 Kelvin Cross Sections

80-Hg-181



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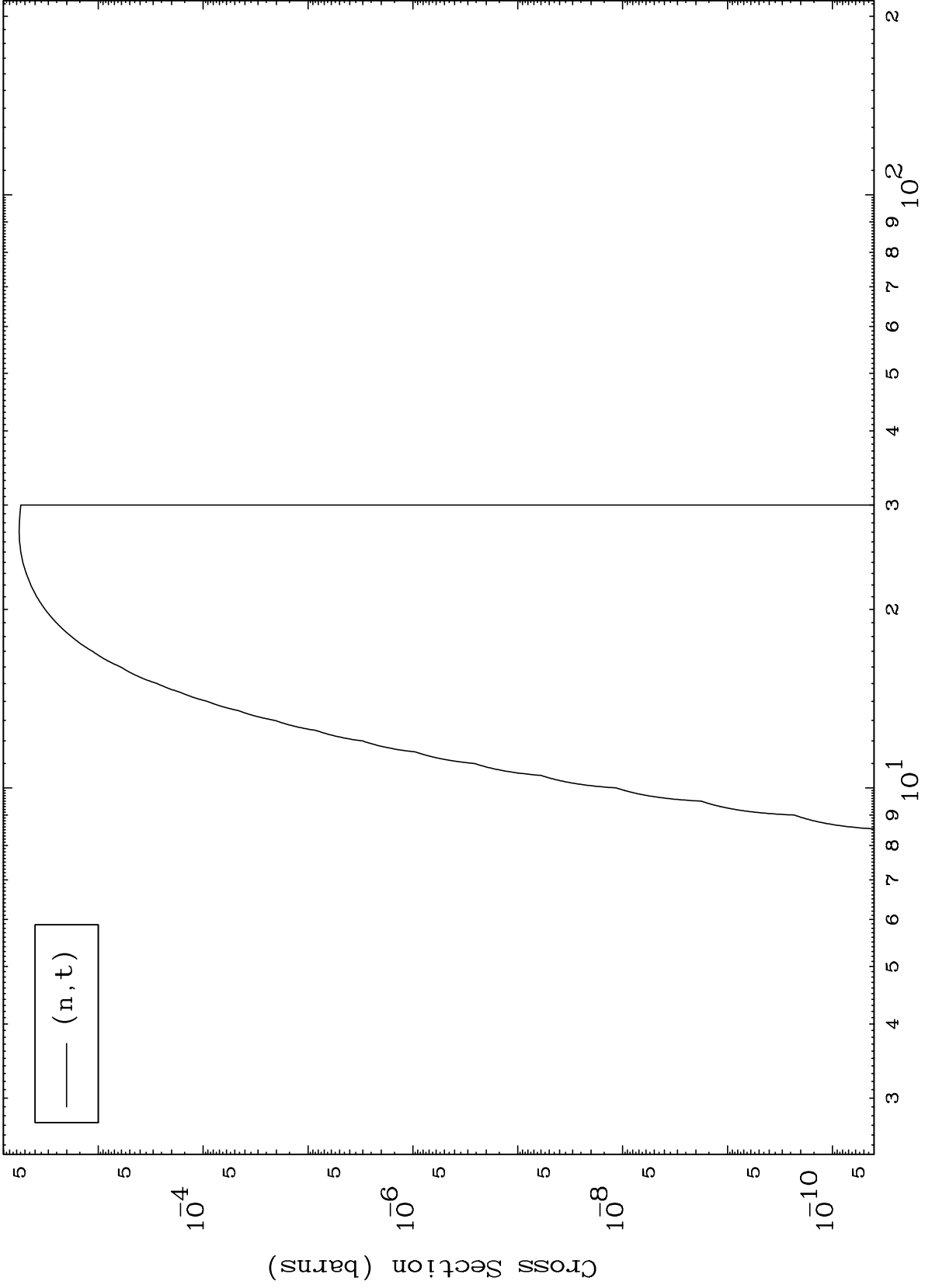
Incident Energy (MeV)

80-Hg-181

MAT 7980

(n,t) Levels
293 Kelvin Cross Sections

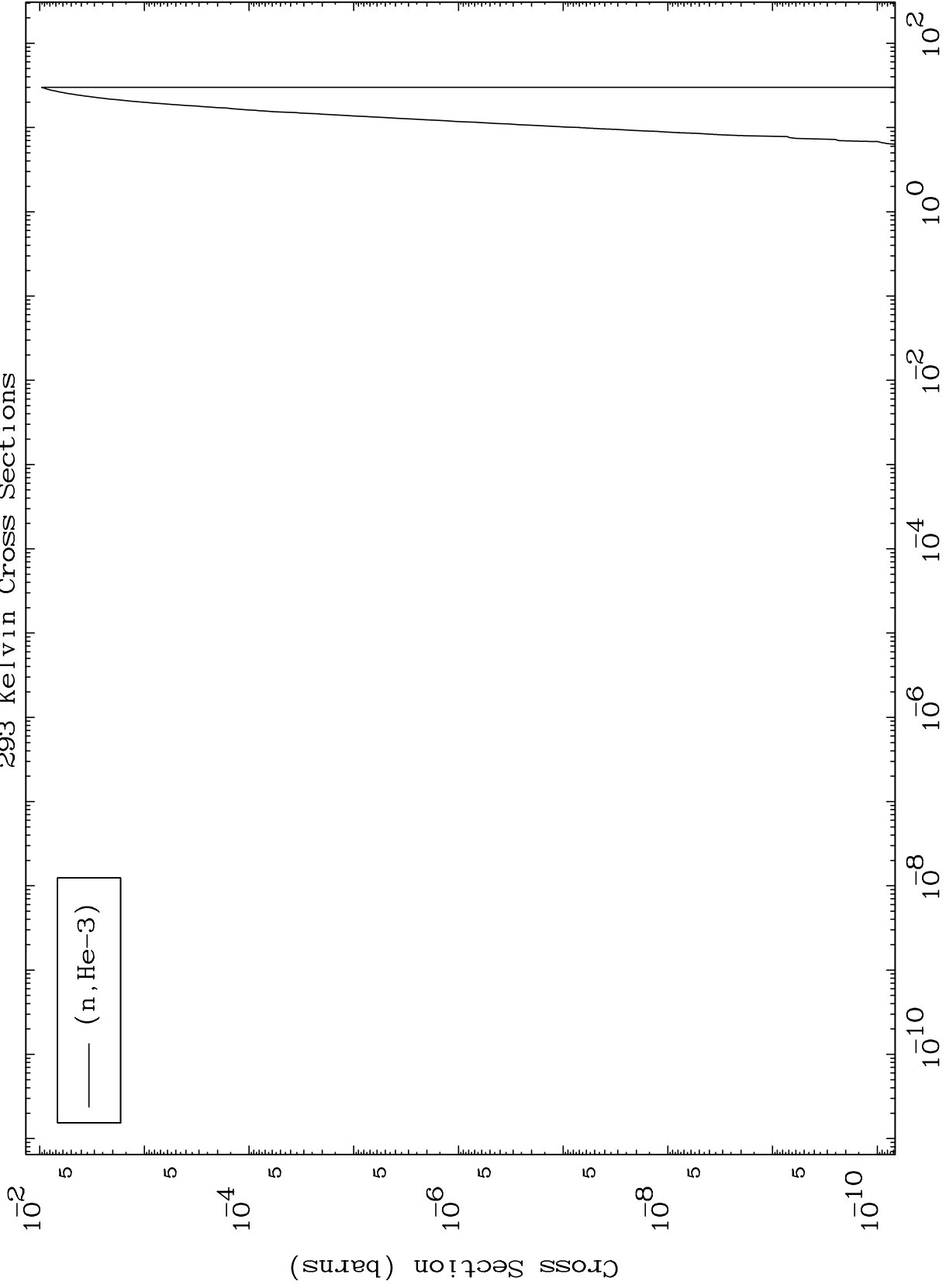
80-Hg-181



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(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-181



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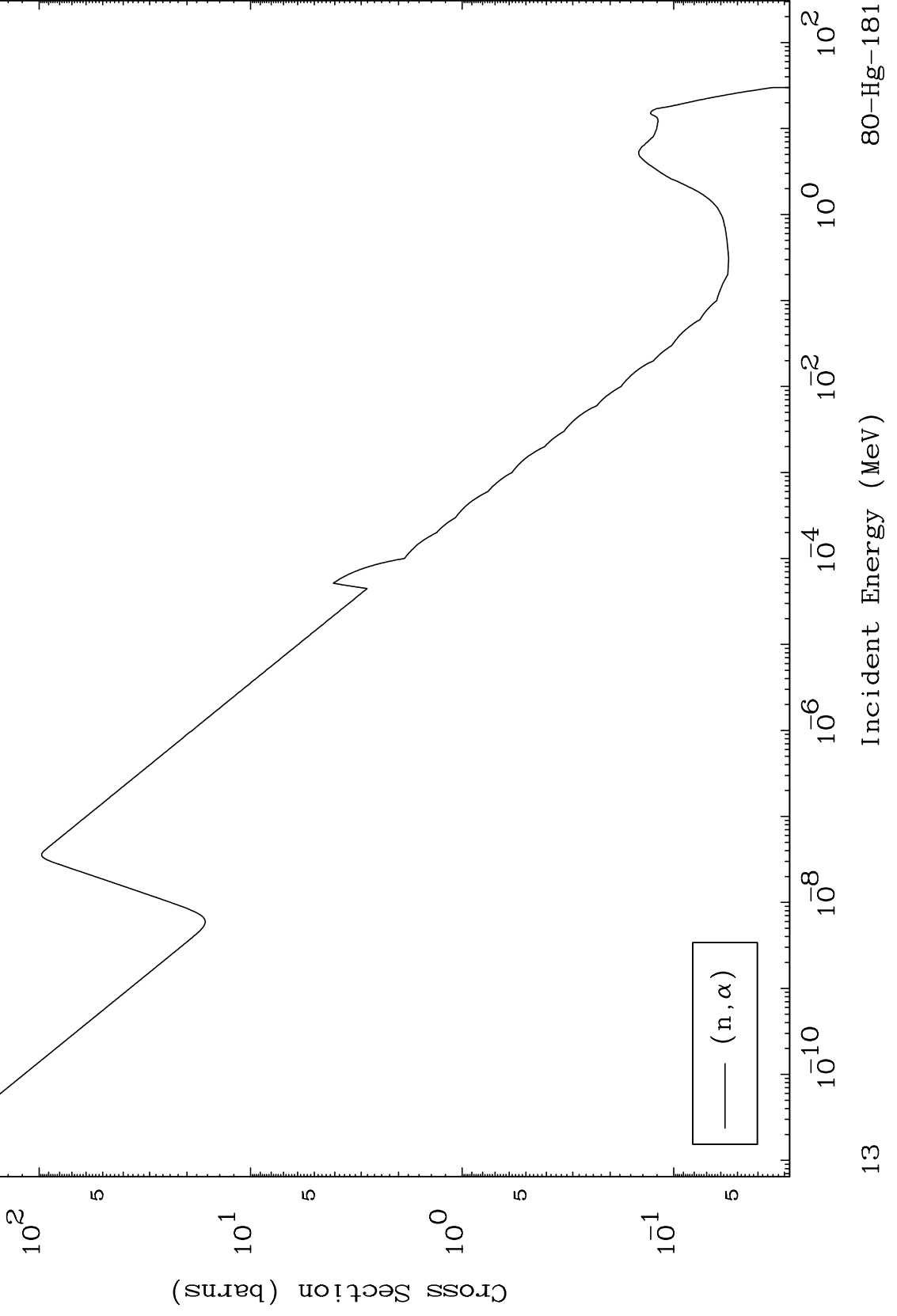
Incident Energy (MeV)

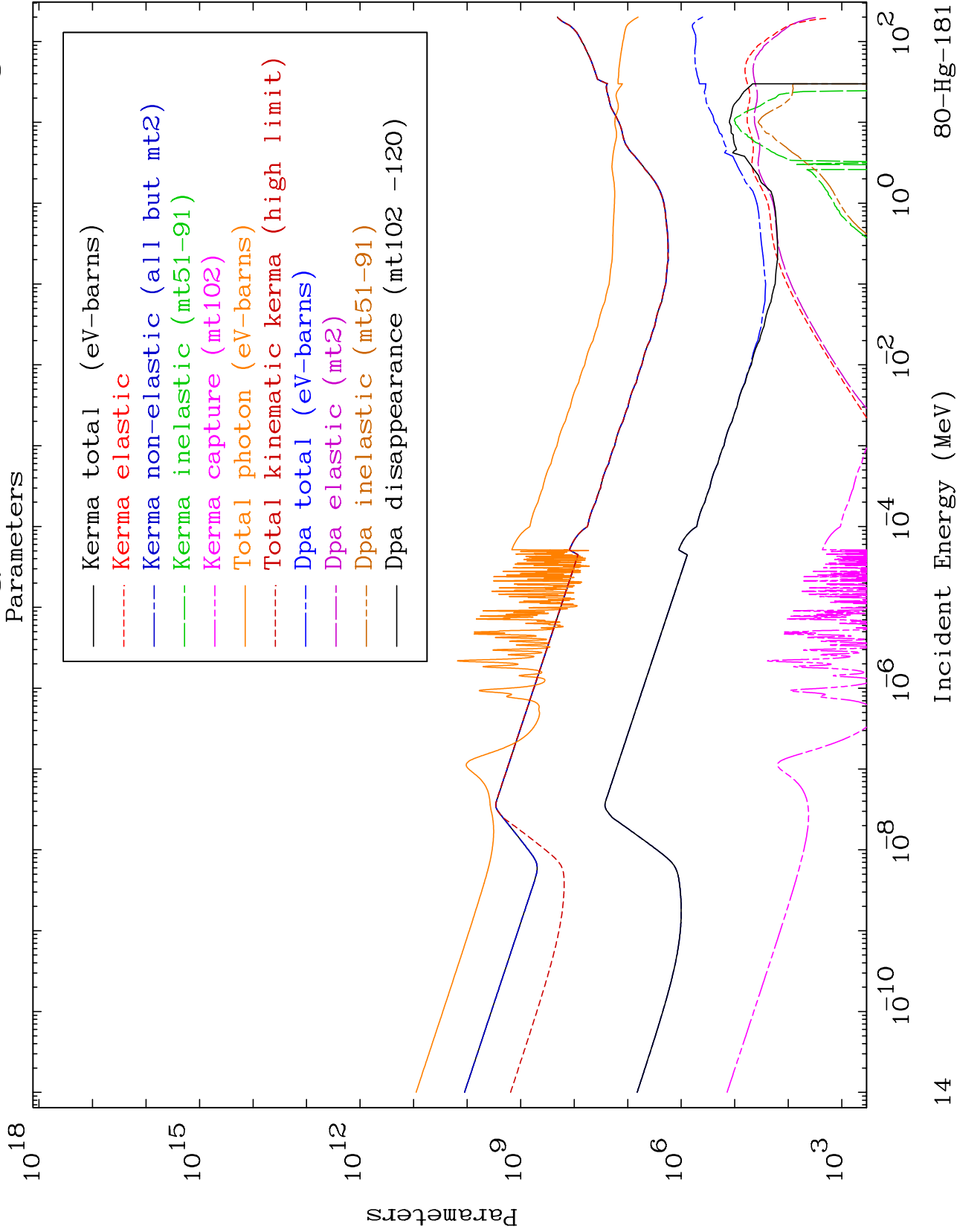
80-Hg-181

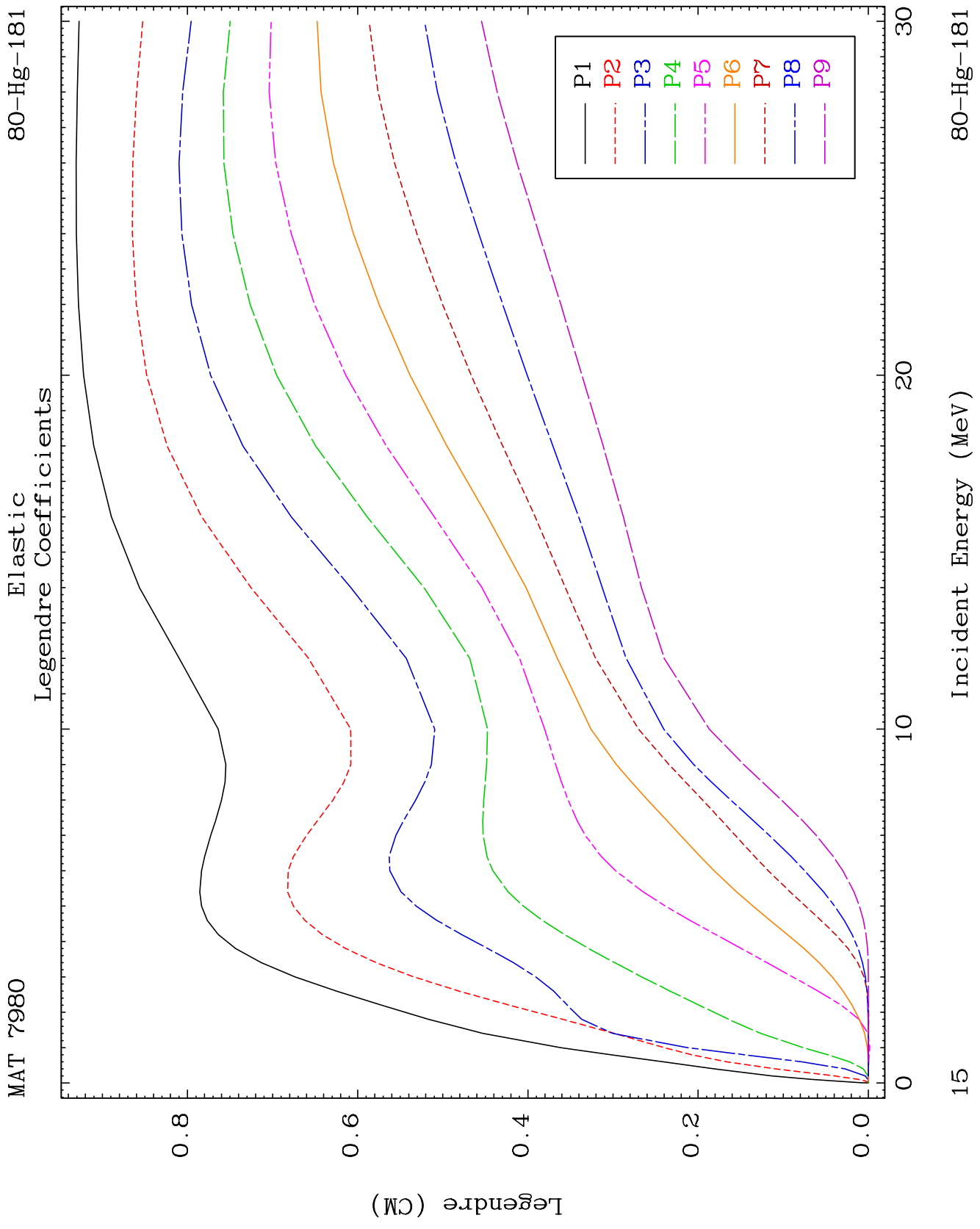
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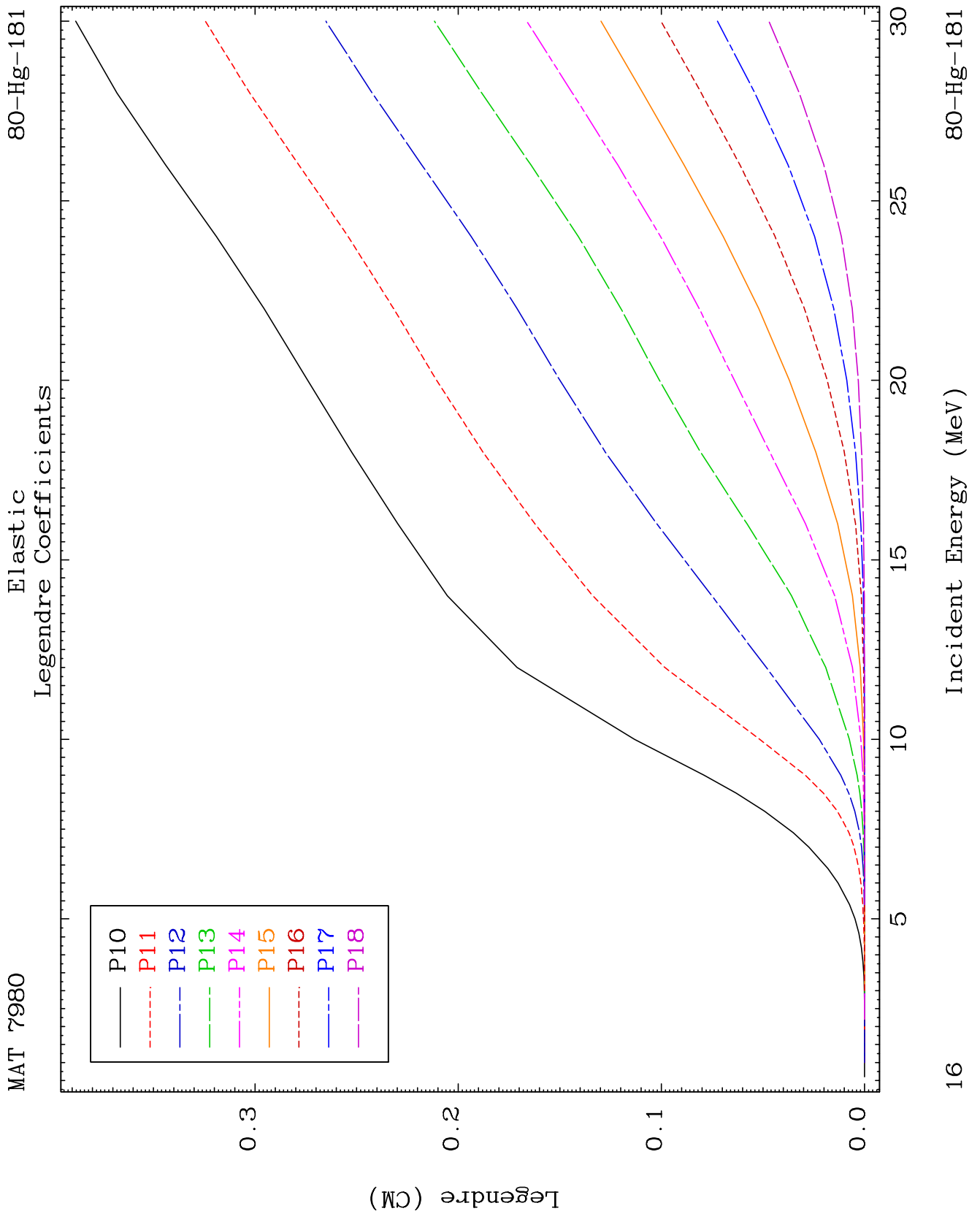
(n,α) Levels
293 Kelvin Cross Sections

80-Hg-181





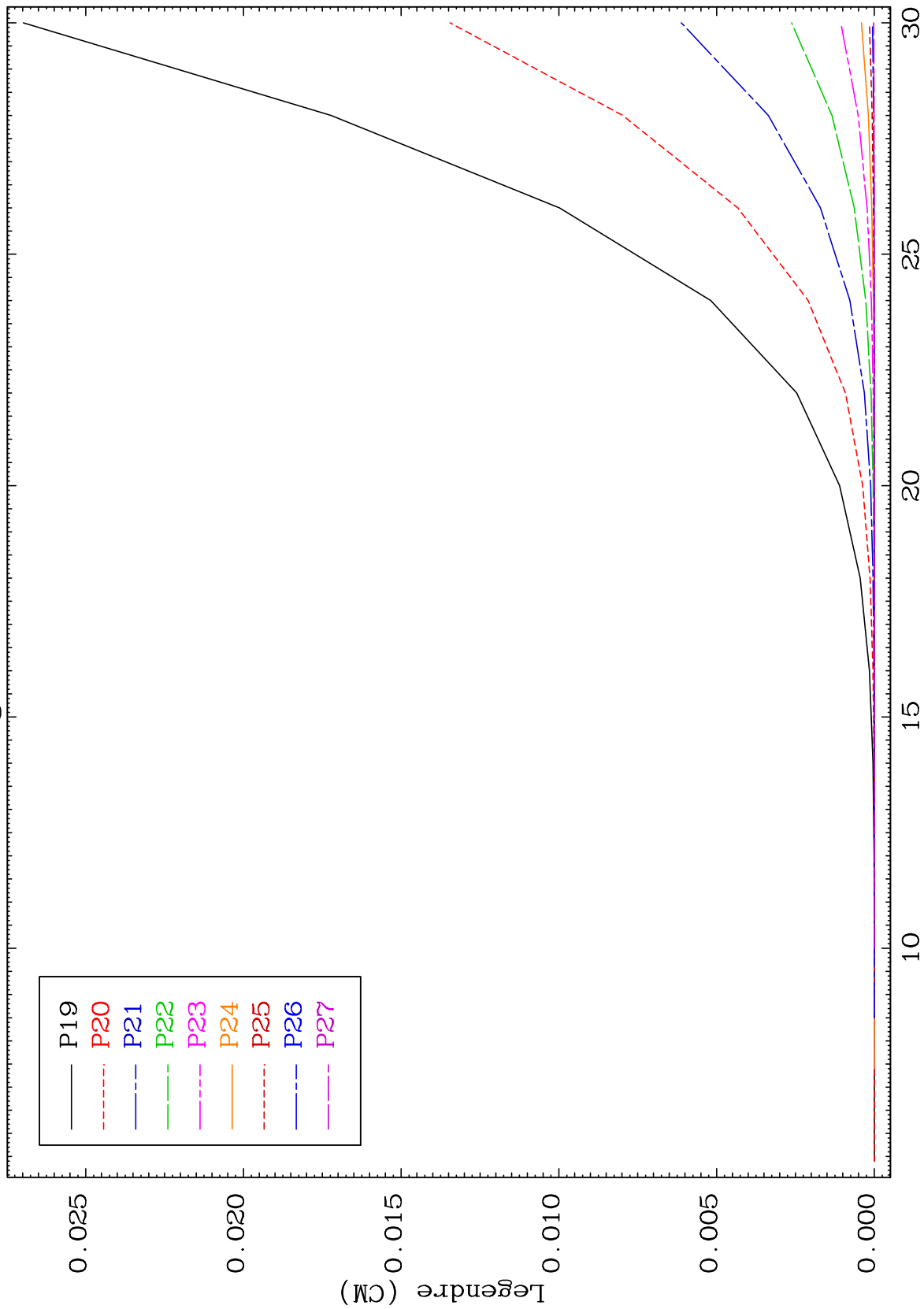




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Elastic Legendre Coefficients

80-Hg-181



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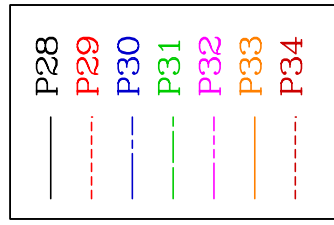
Incident Energy (MeV)

80-Hg-181

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Elastic
Legendre Coefficients

80-Hg-181



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

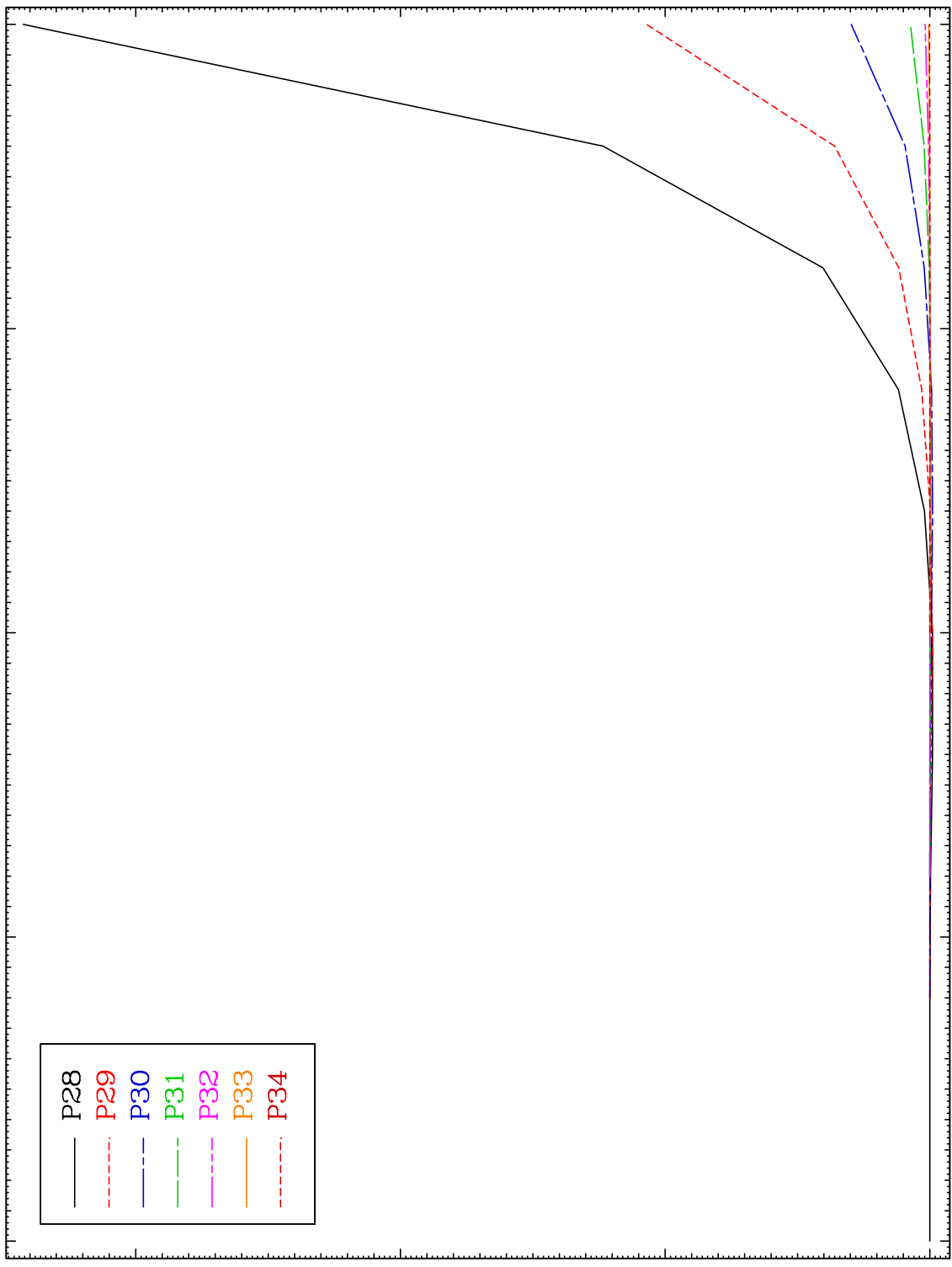
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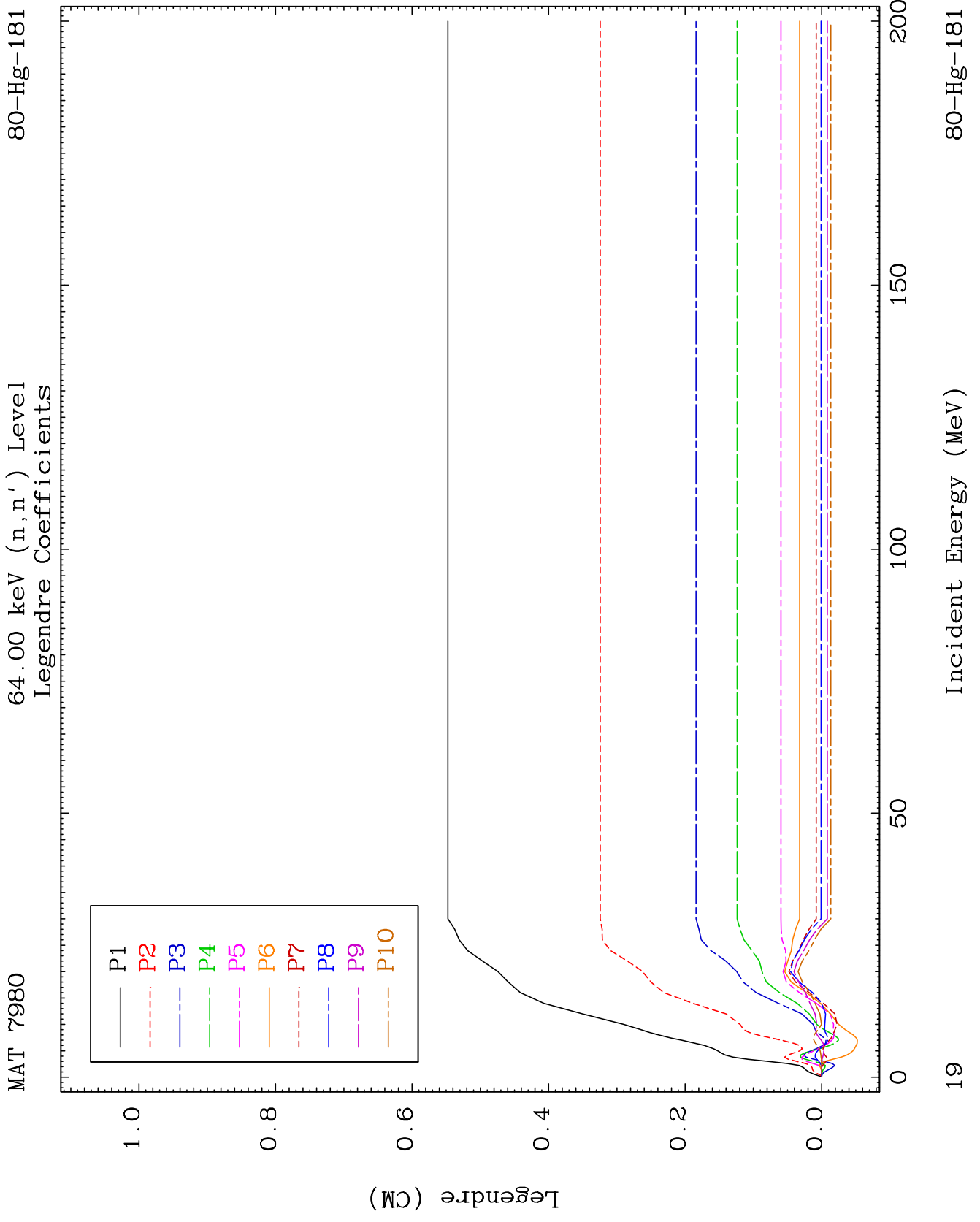
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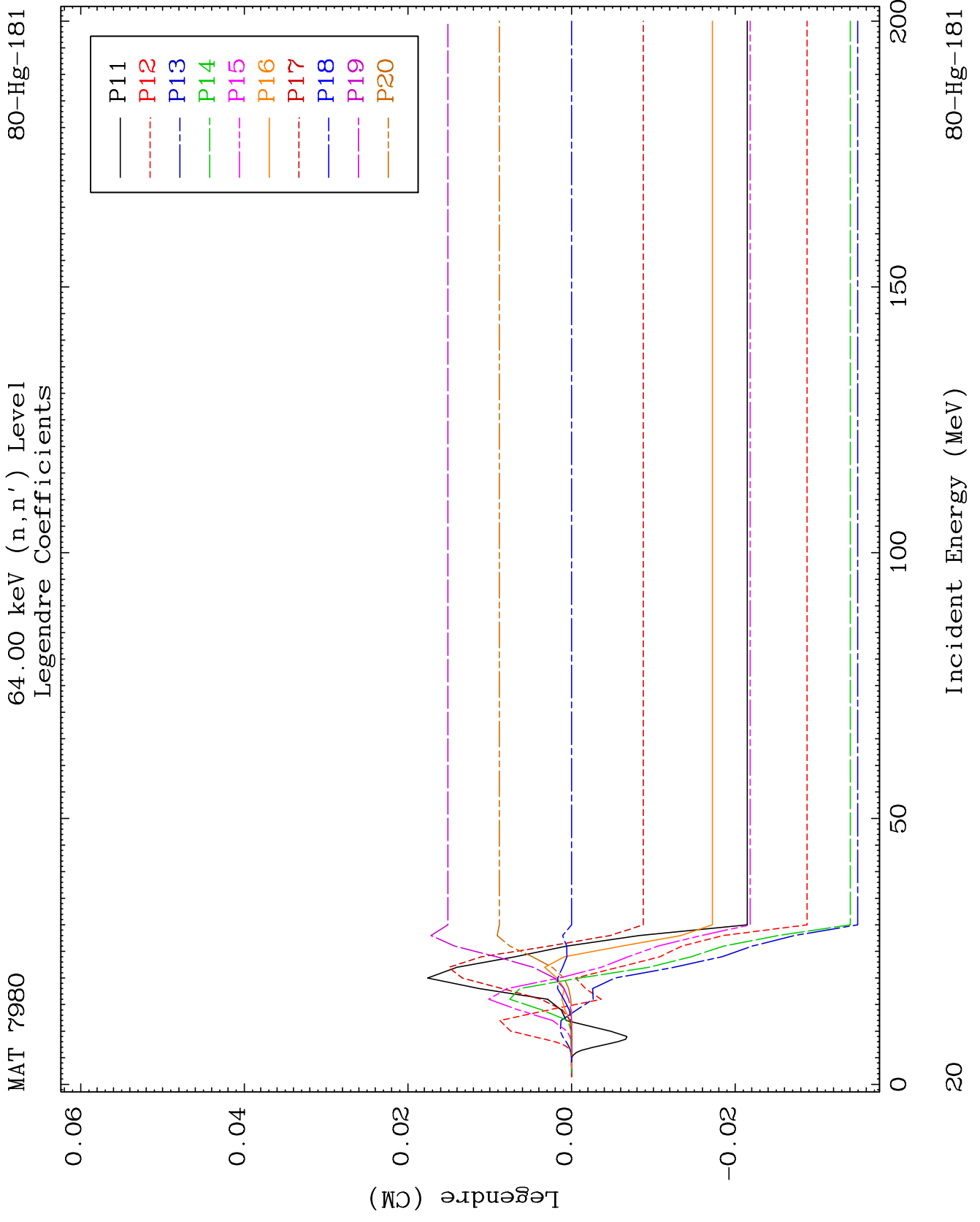
18

Incident Energy (MeV)

80-Hg-181



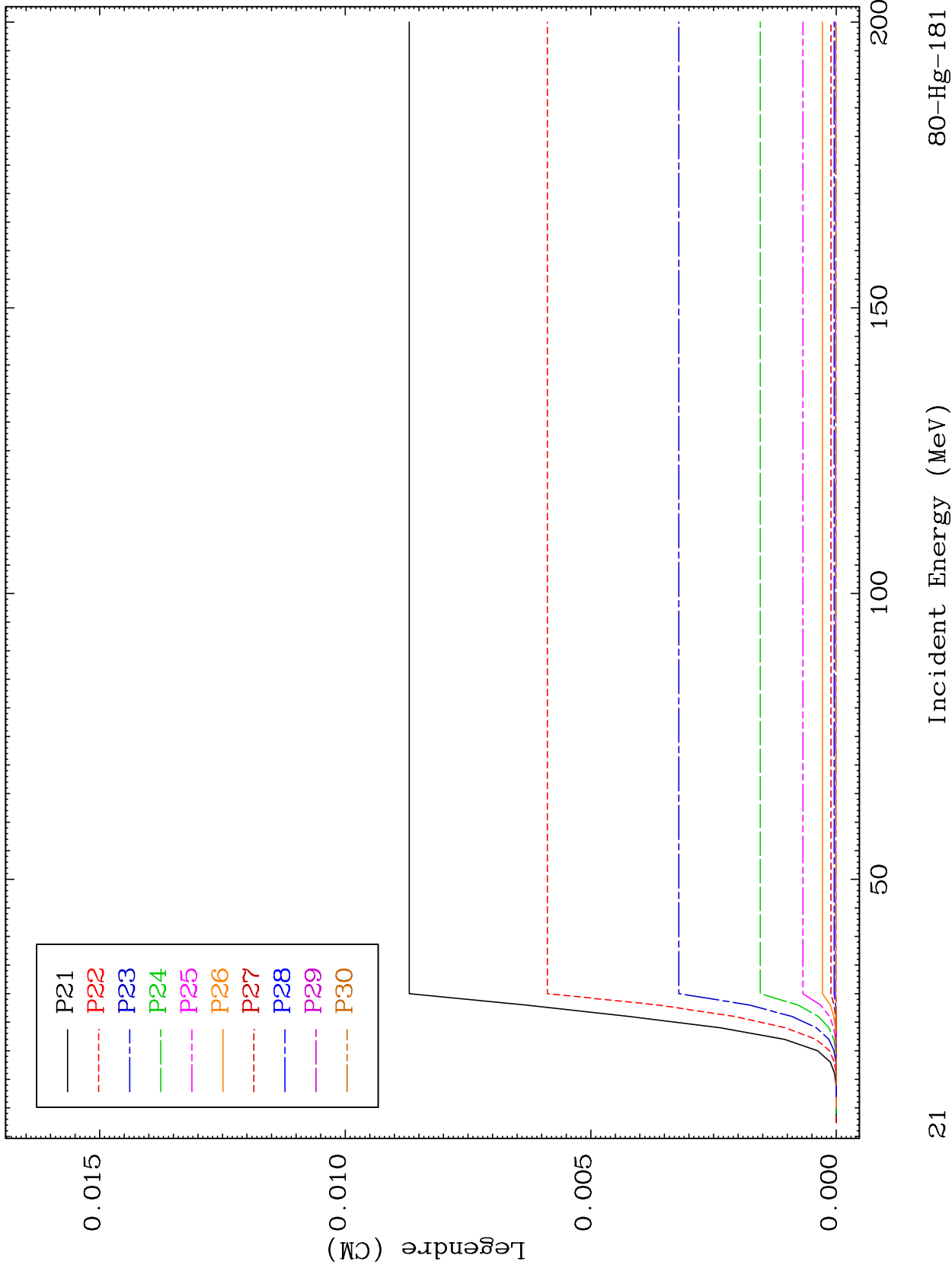


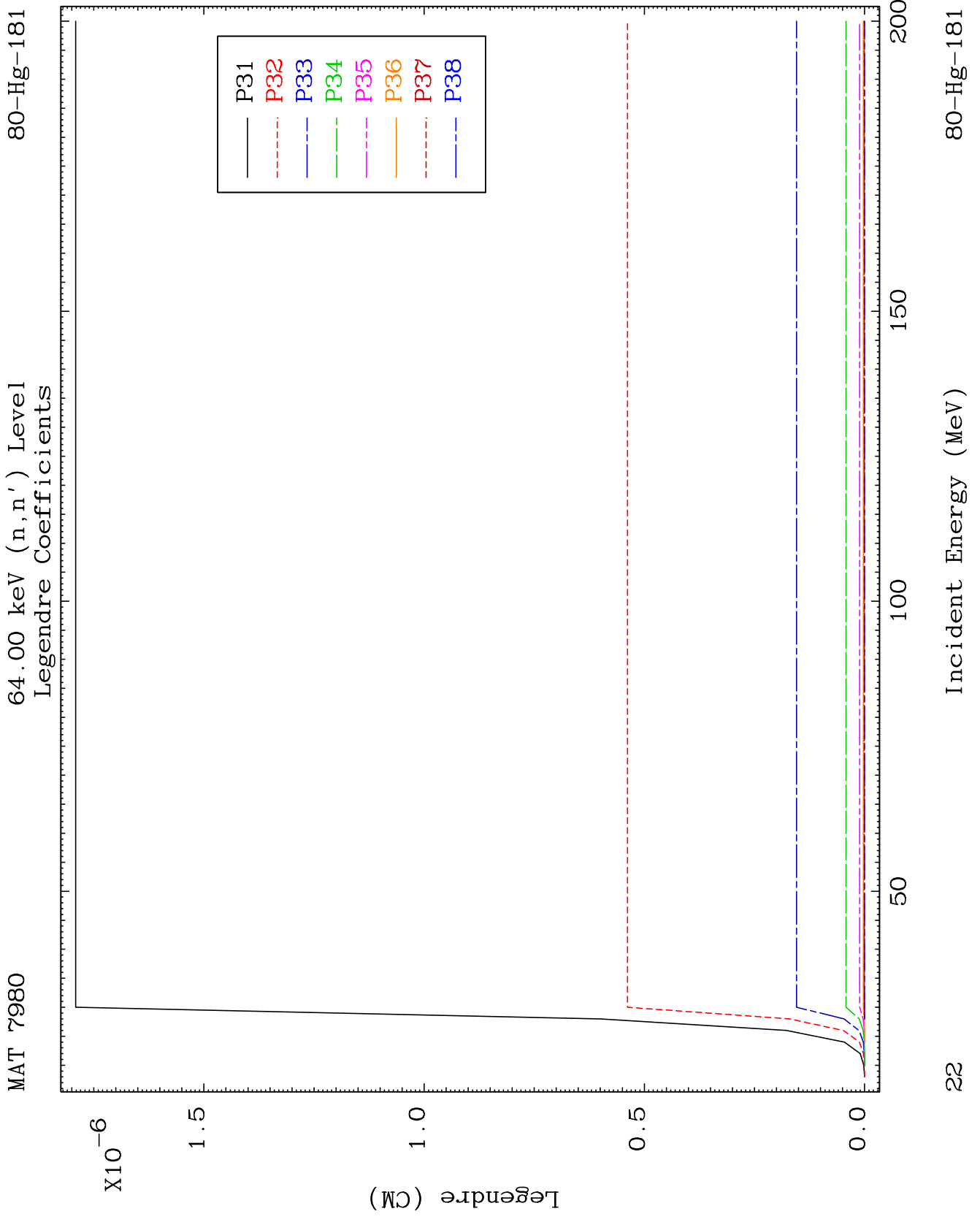


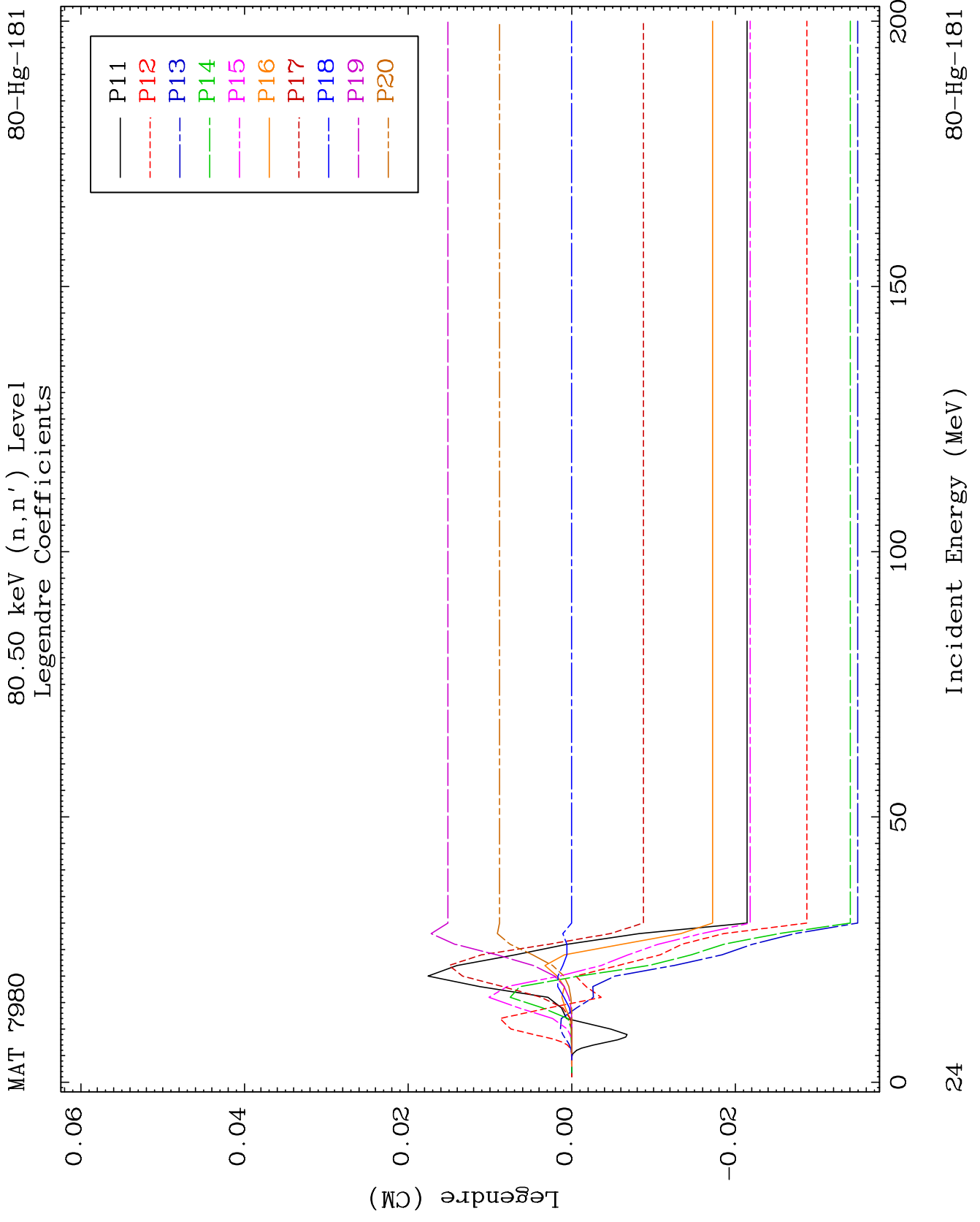
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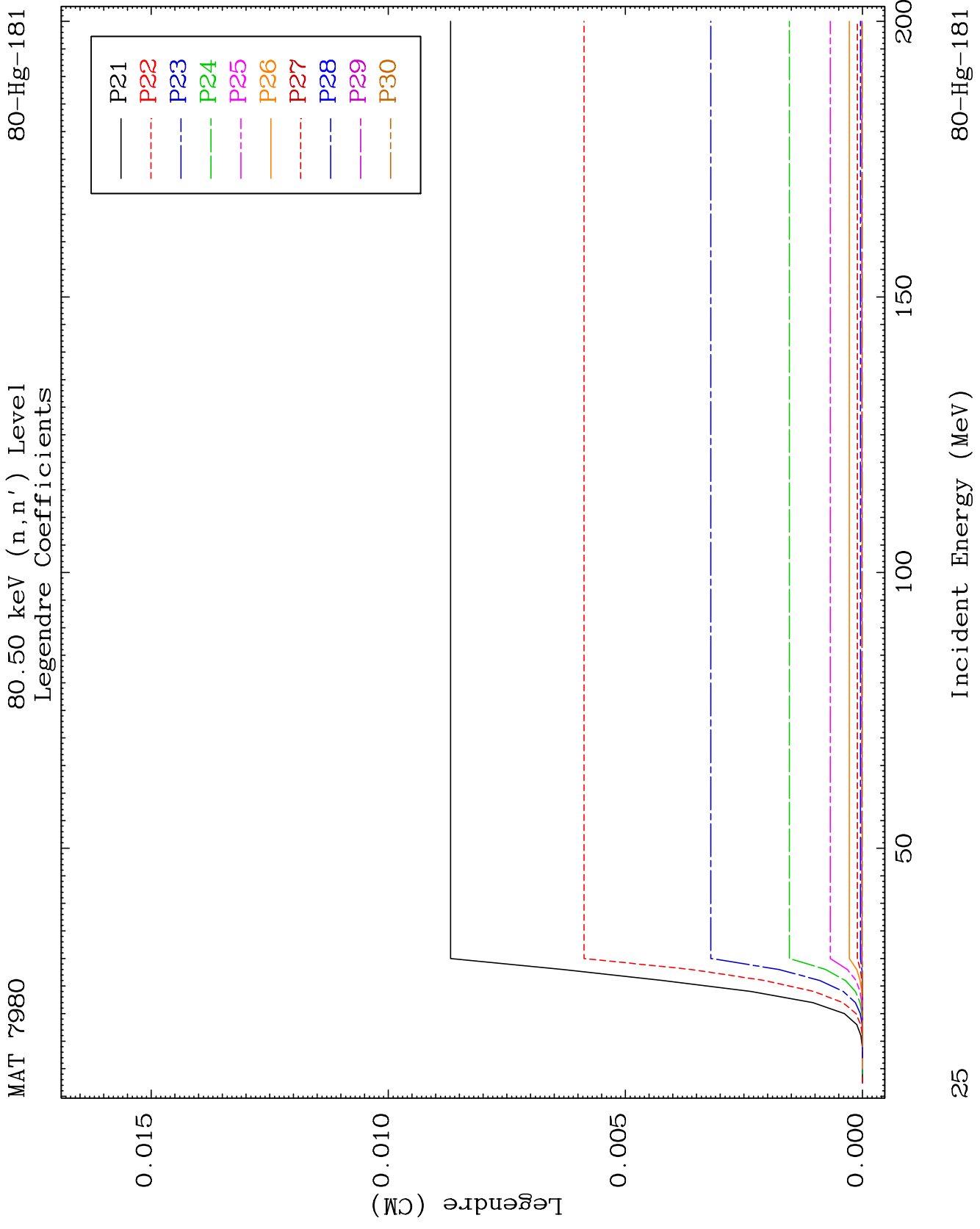
64.00 keV (n,n') Level
Legendre Coefficients

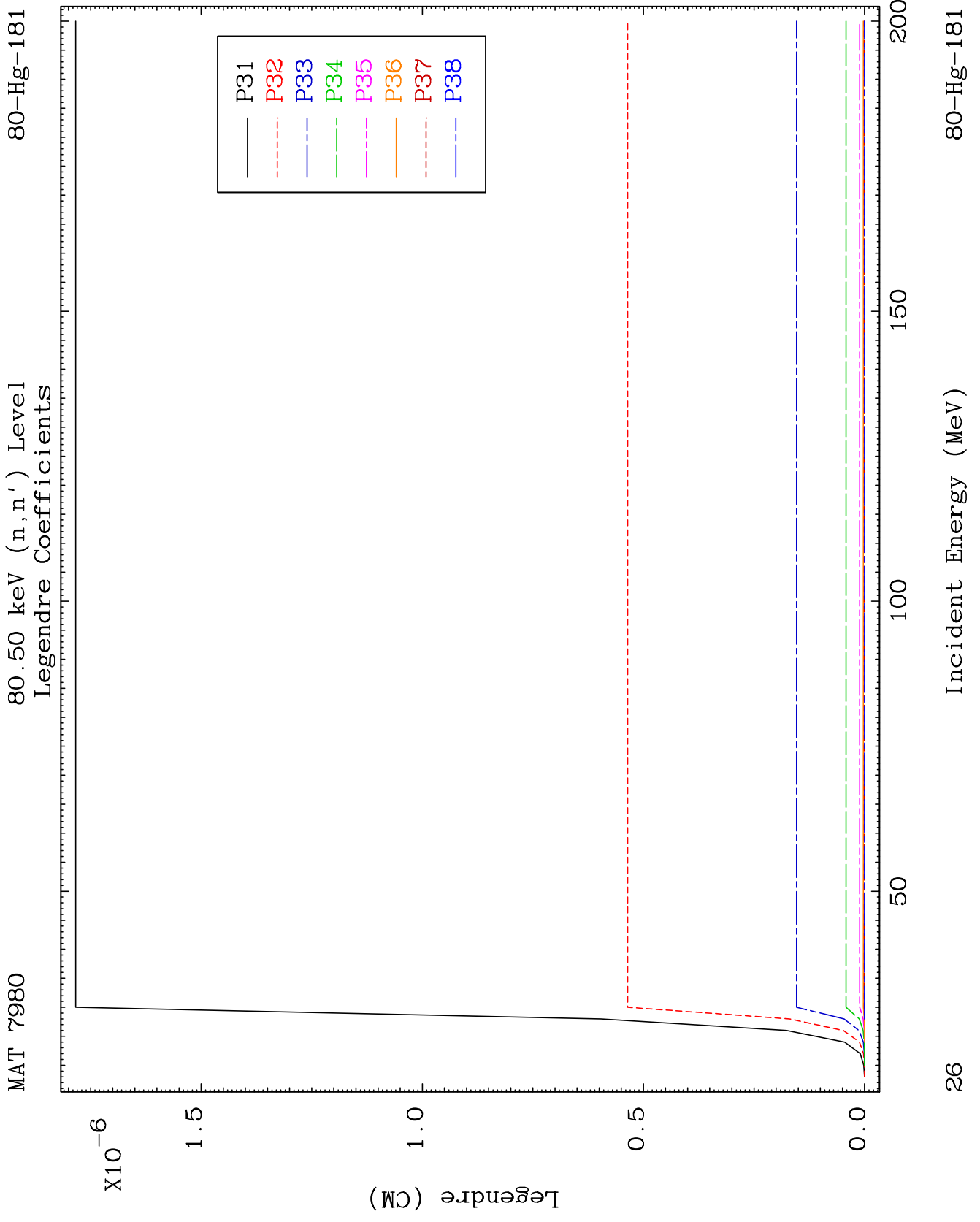
80-Hg-181

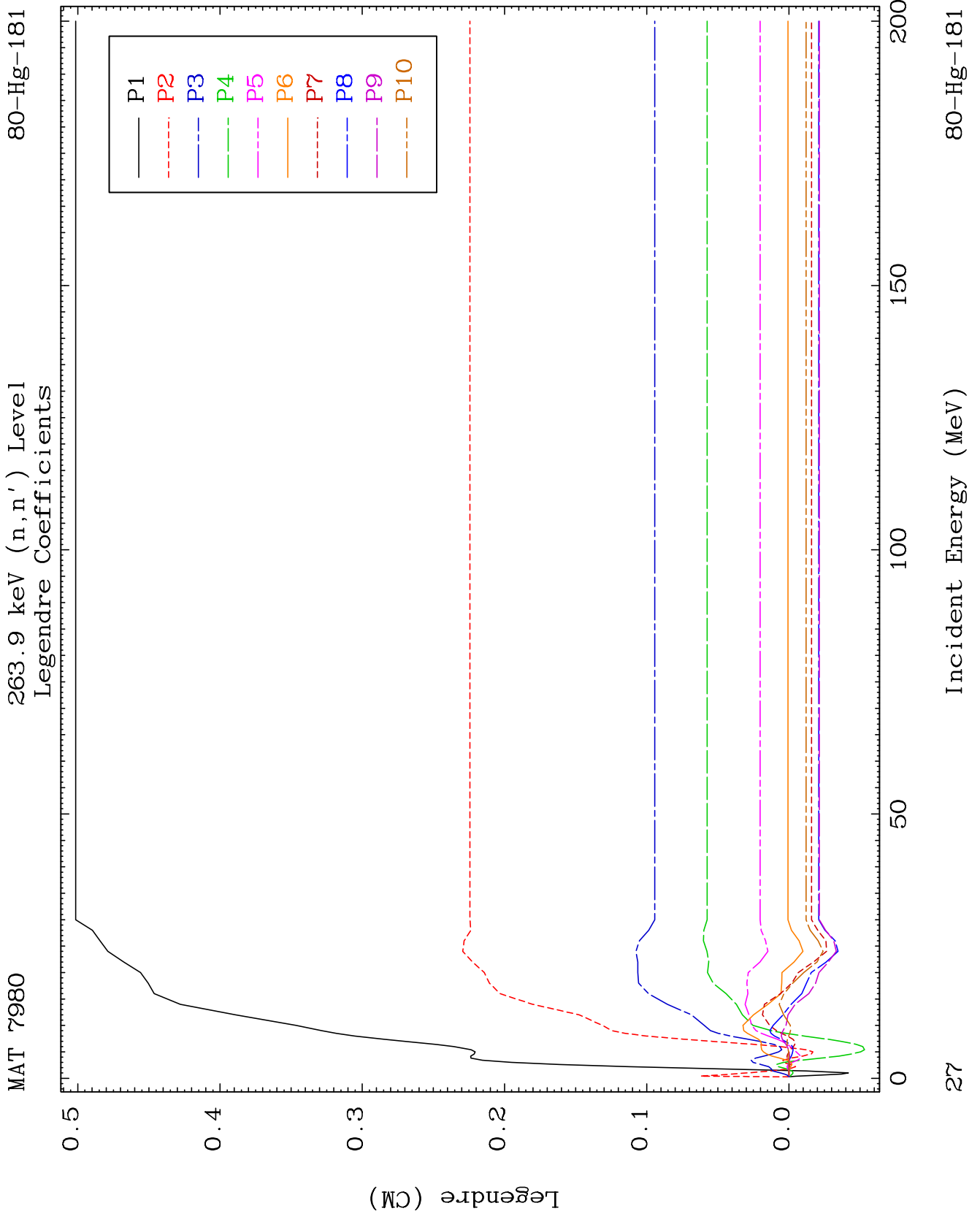








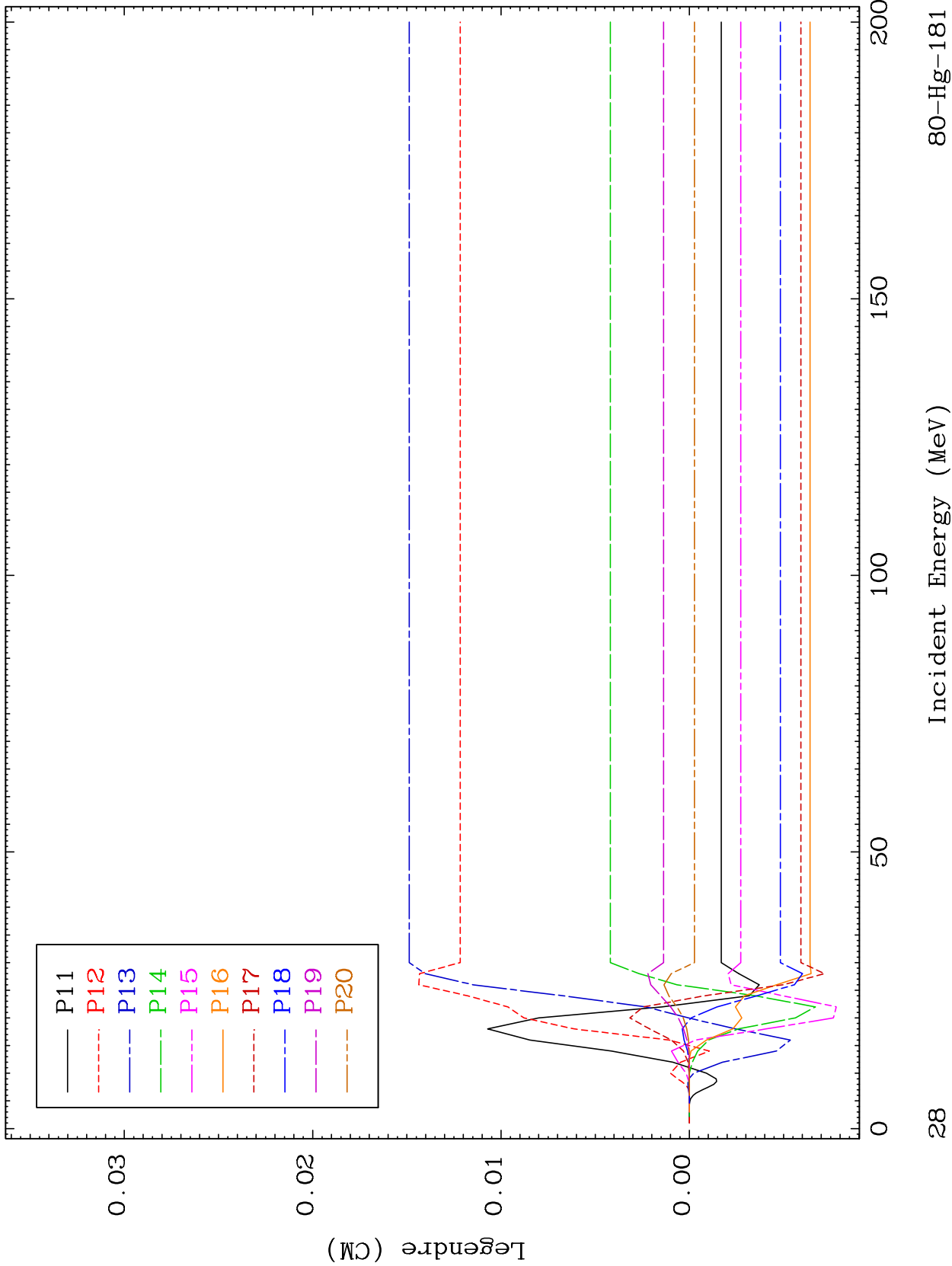




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263.9 keV (n,n') Level
Legendre Coefficients

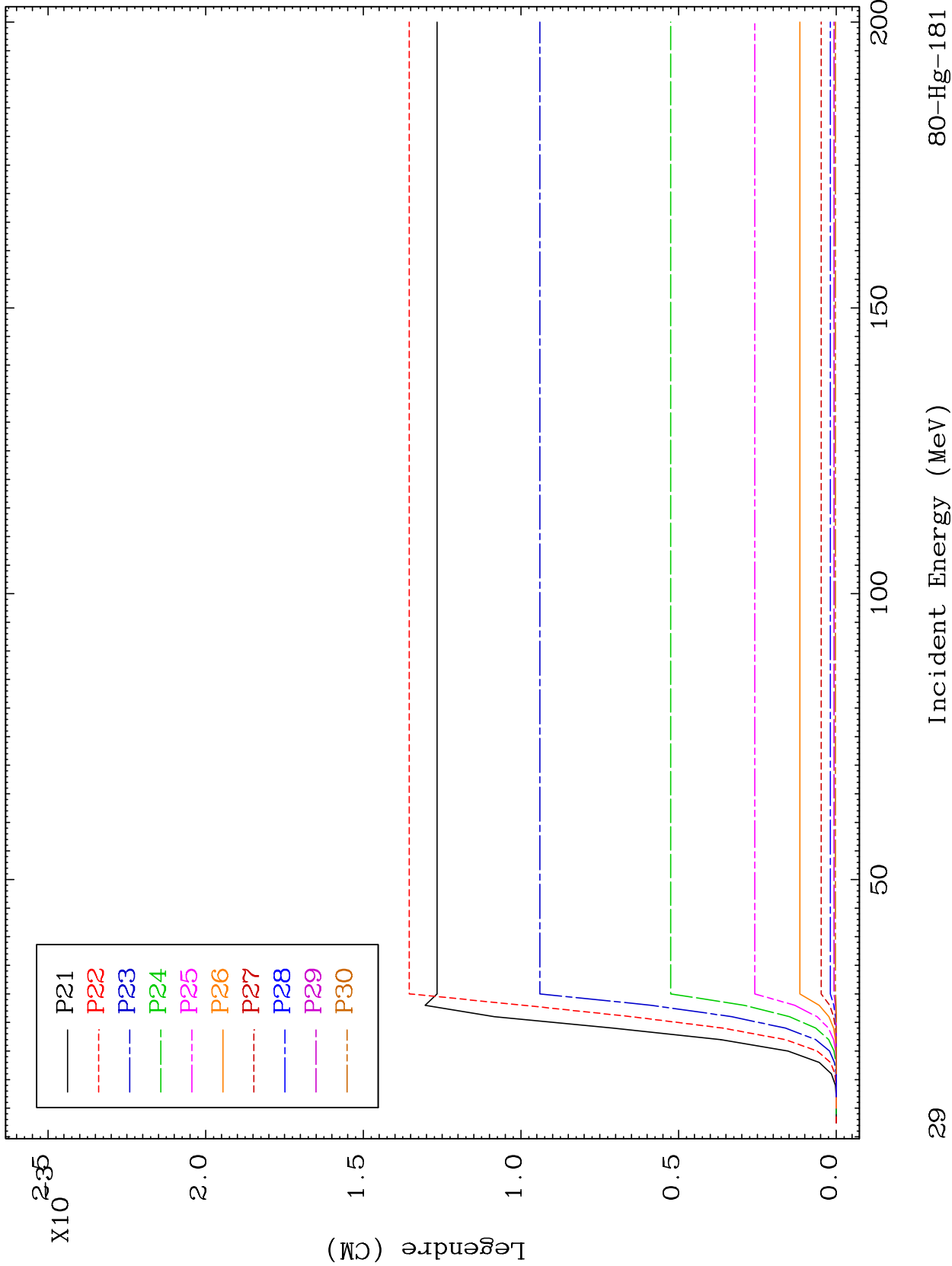
80-Hg-181

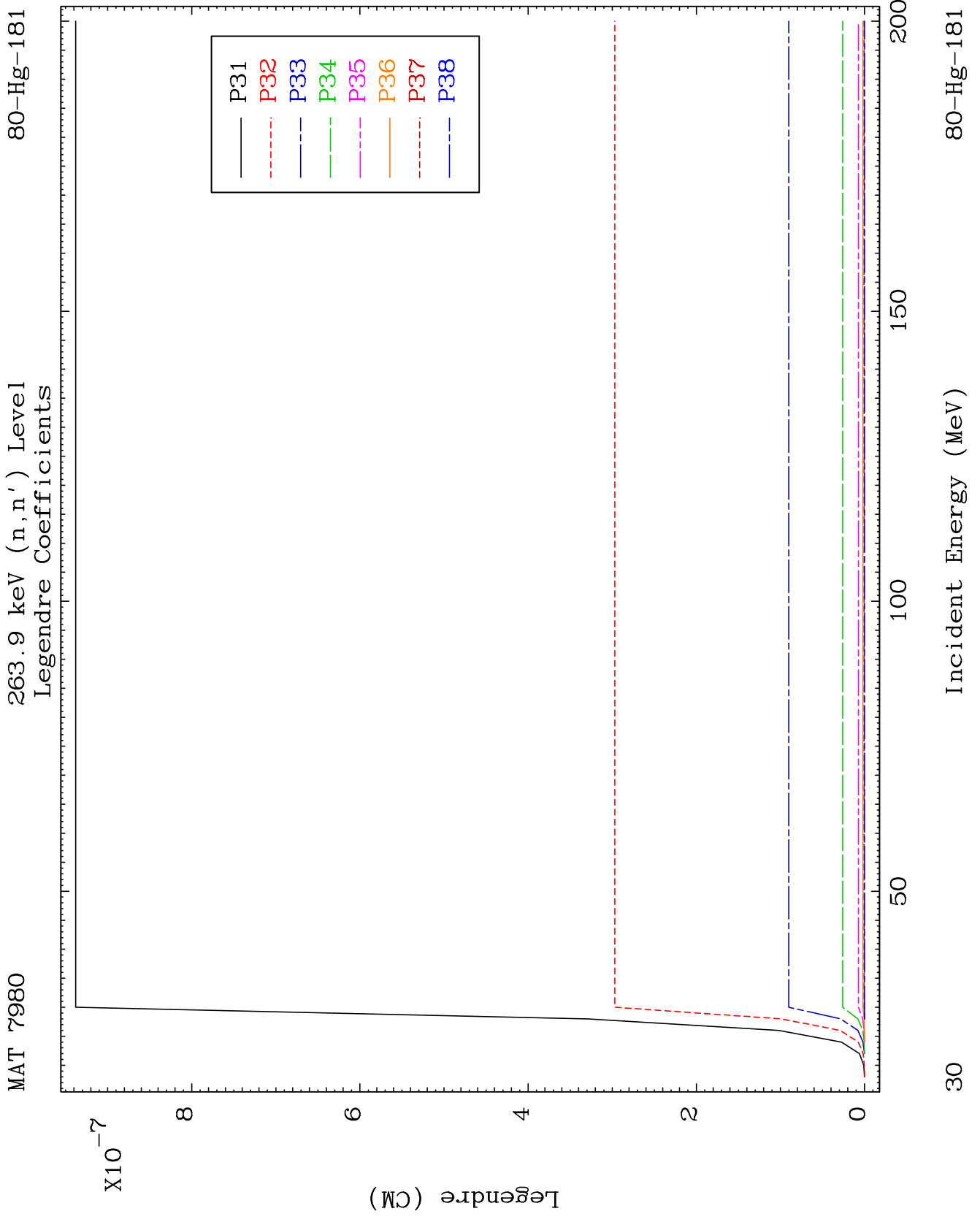


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Incident Energy (MeV)

80-Hg-181

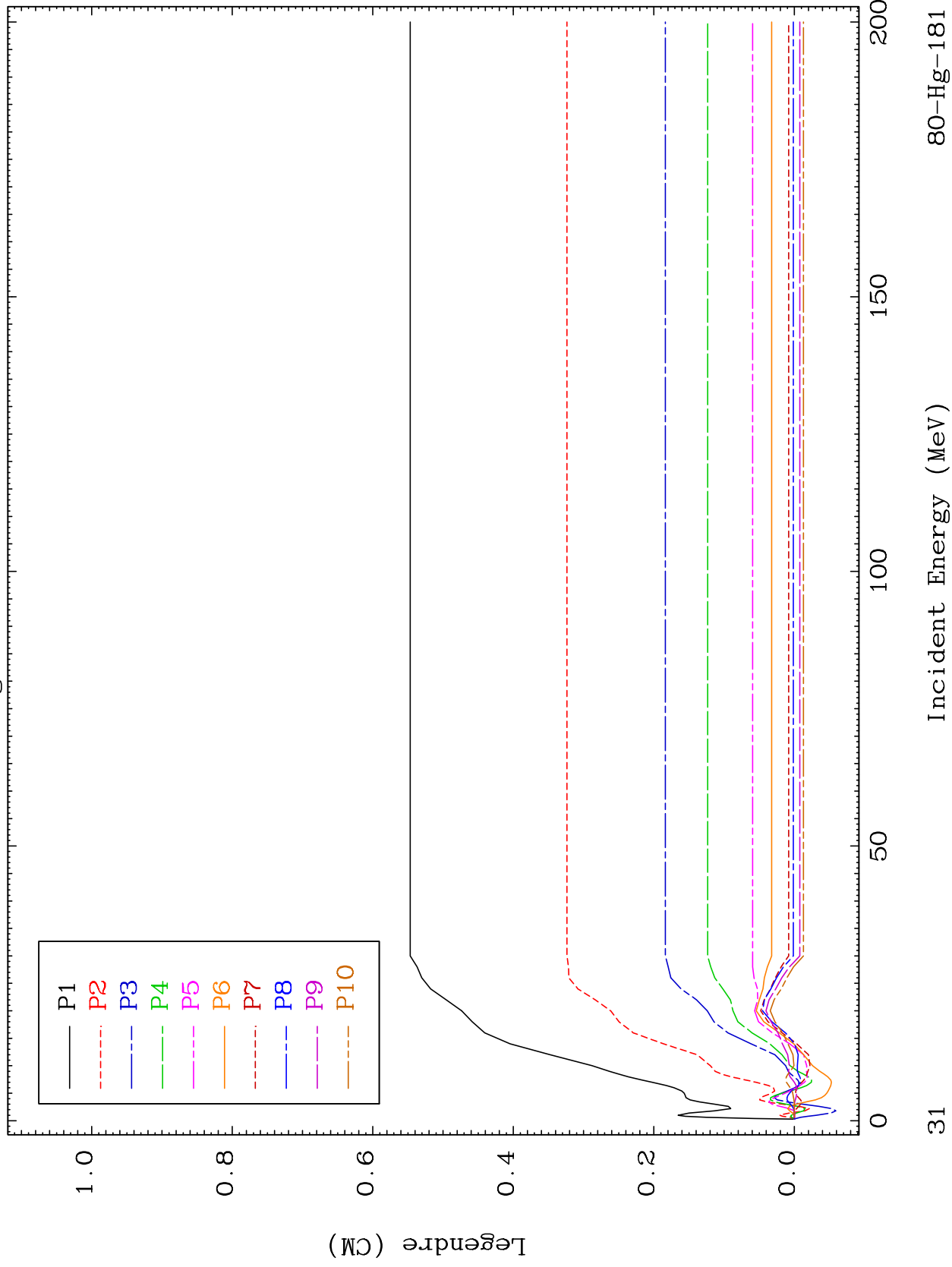




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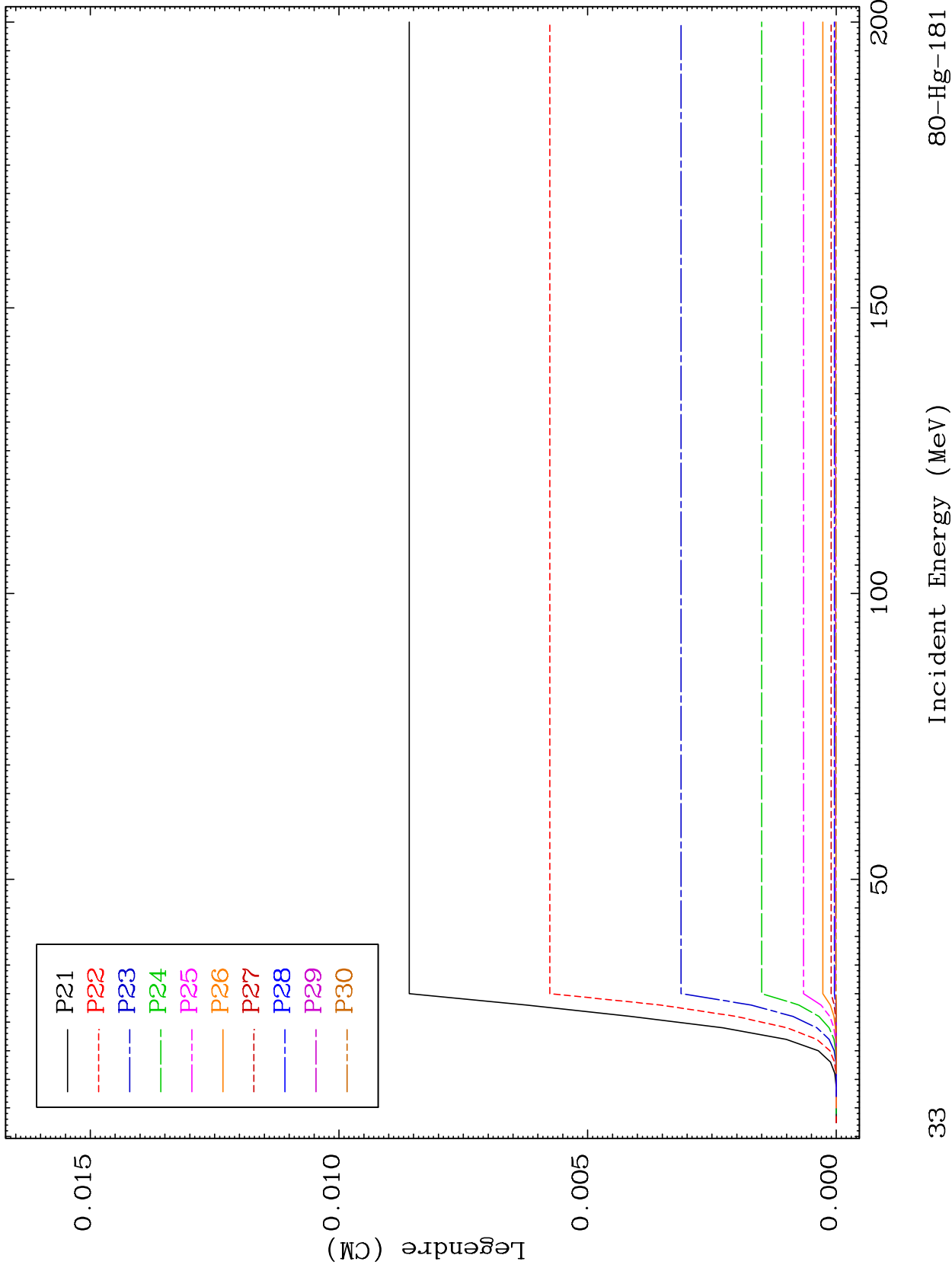
269.0 keV (n,n') Level
Legendre Coefficients

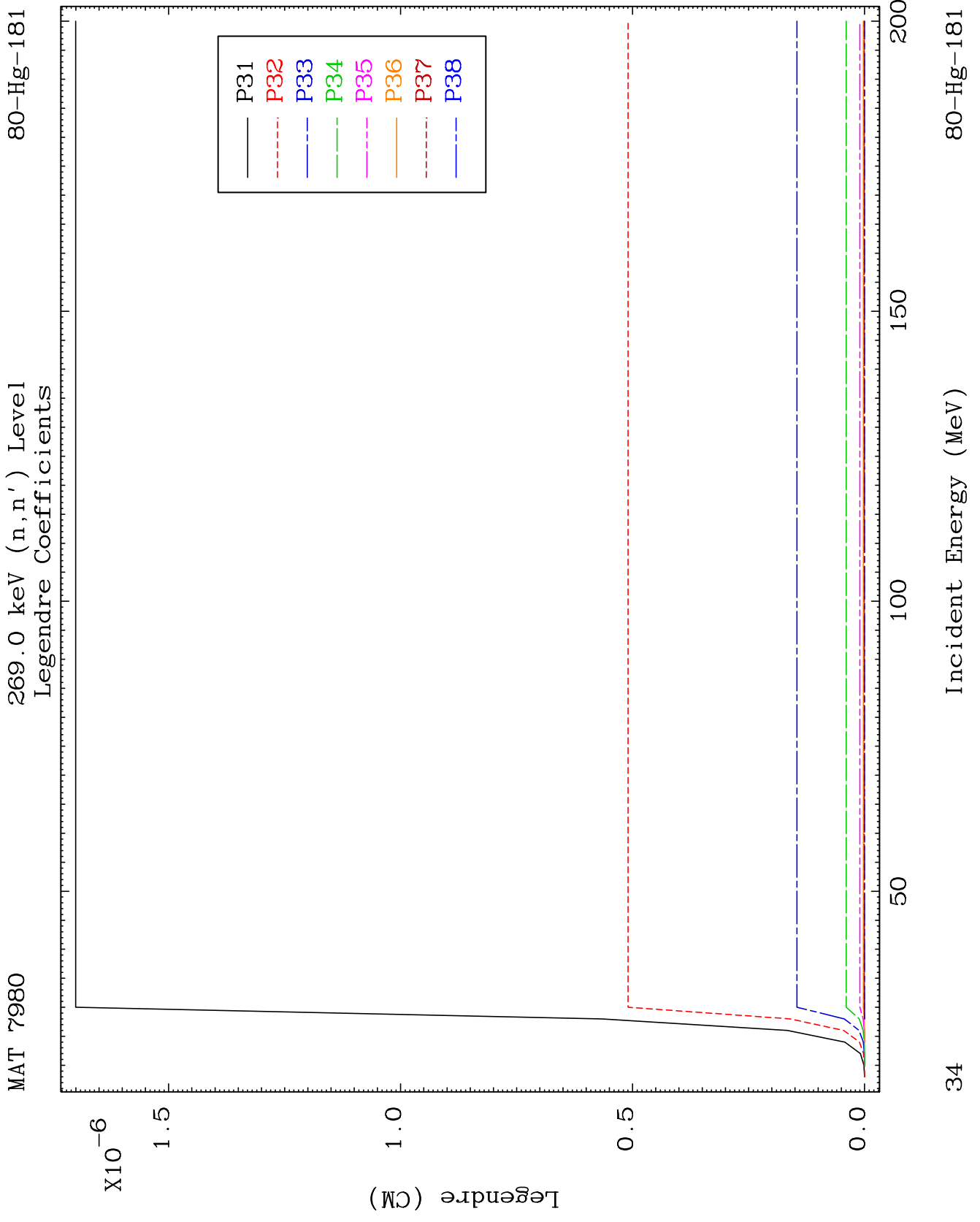
80-Hg-181



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80-Hg-181

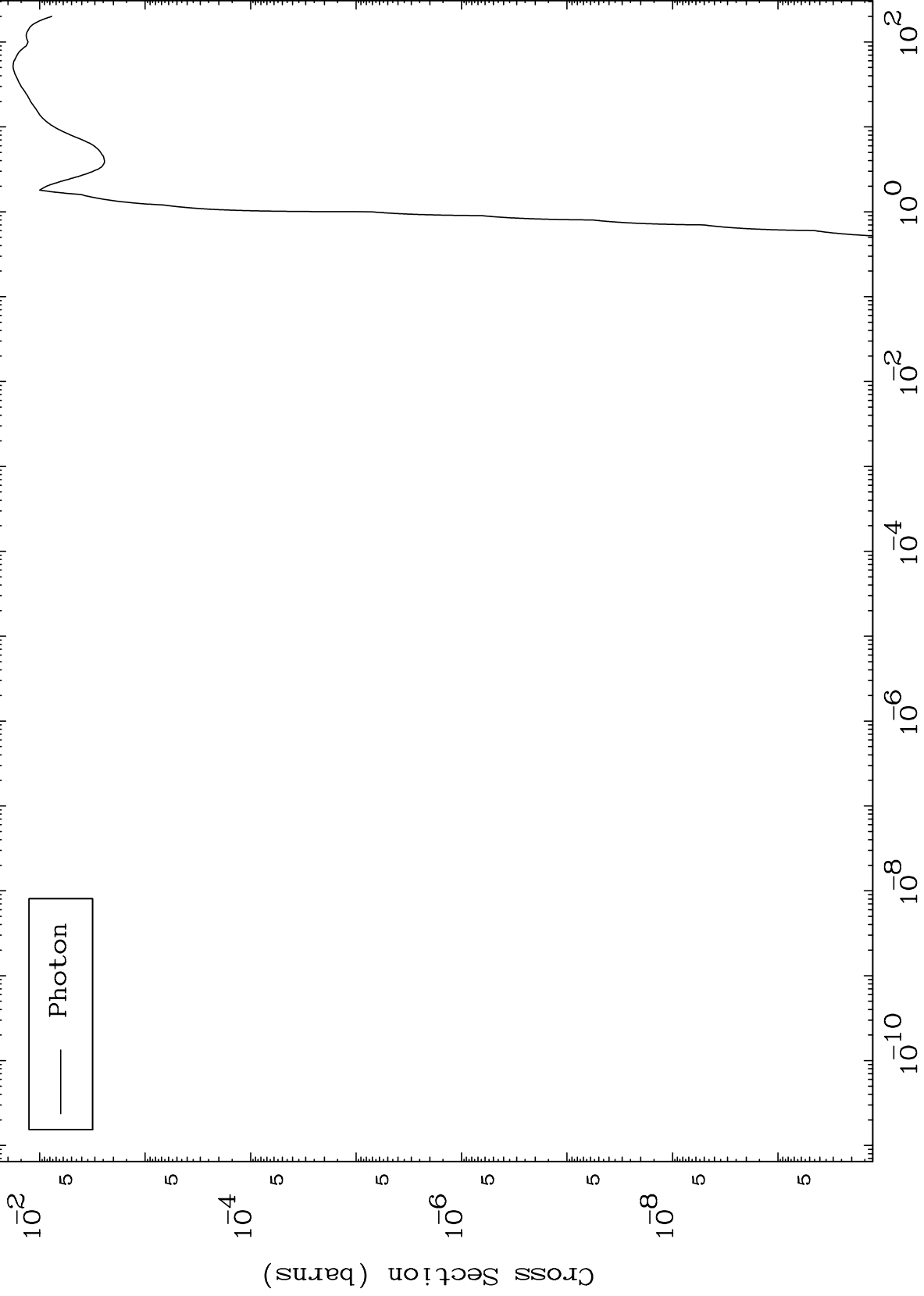




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Fission
Radionuclide Production Cross Section

80-Hg-181



MAT 7980

(n,d) 2 α

80-Hg-181

Radionuclide Production Cross Section

