

Program EVALPLOT
(Version 2015-2)

by

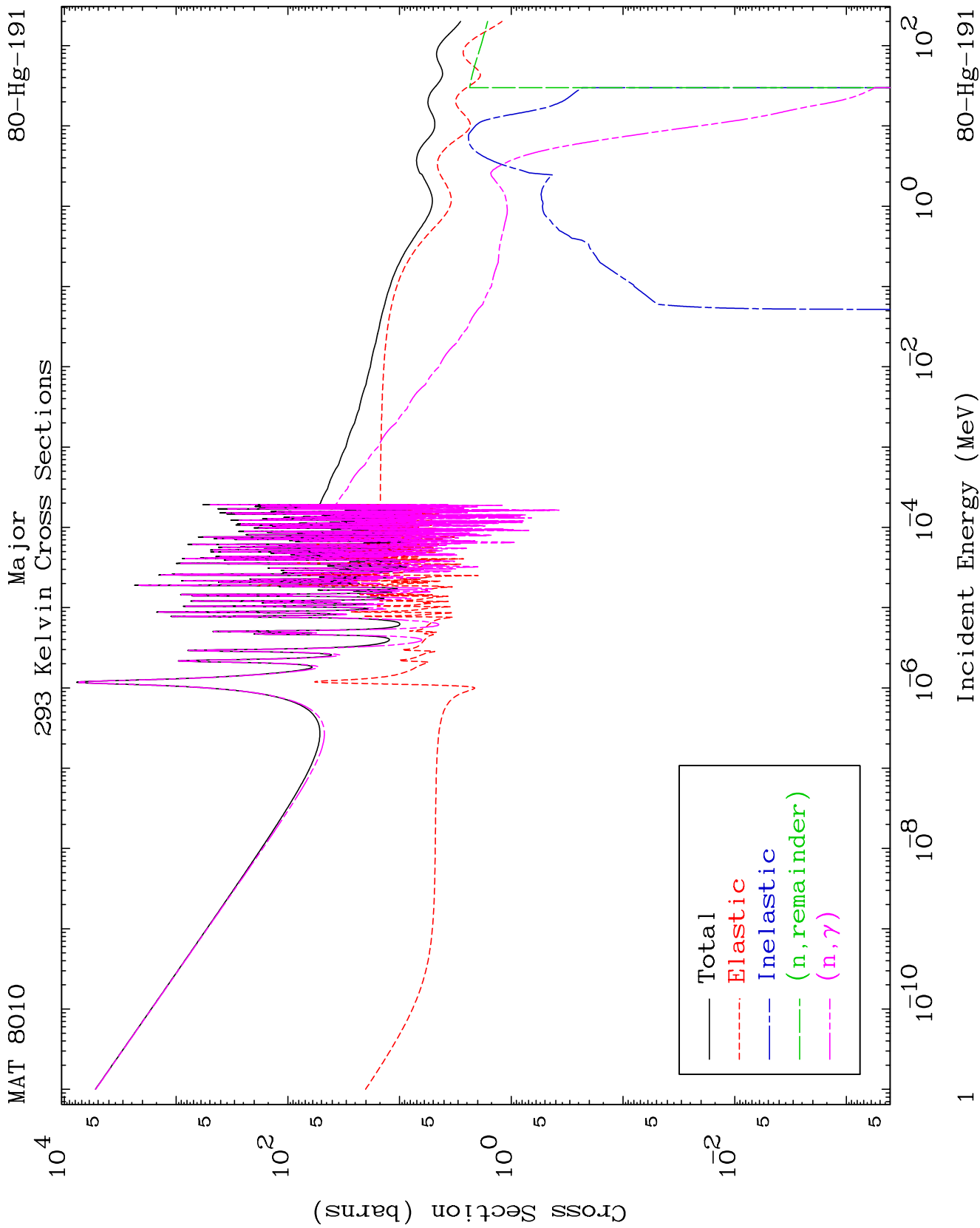
Dermott E. Cullen
(Present Contact Information)

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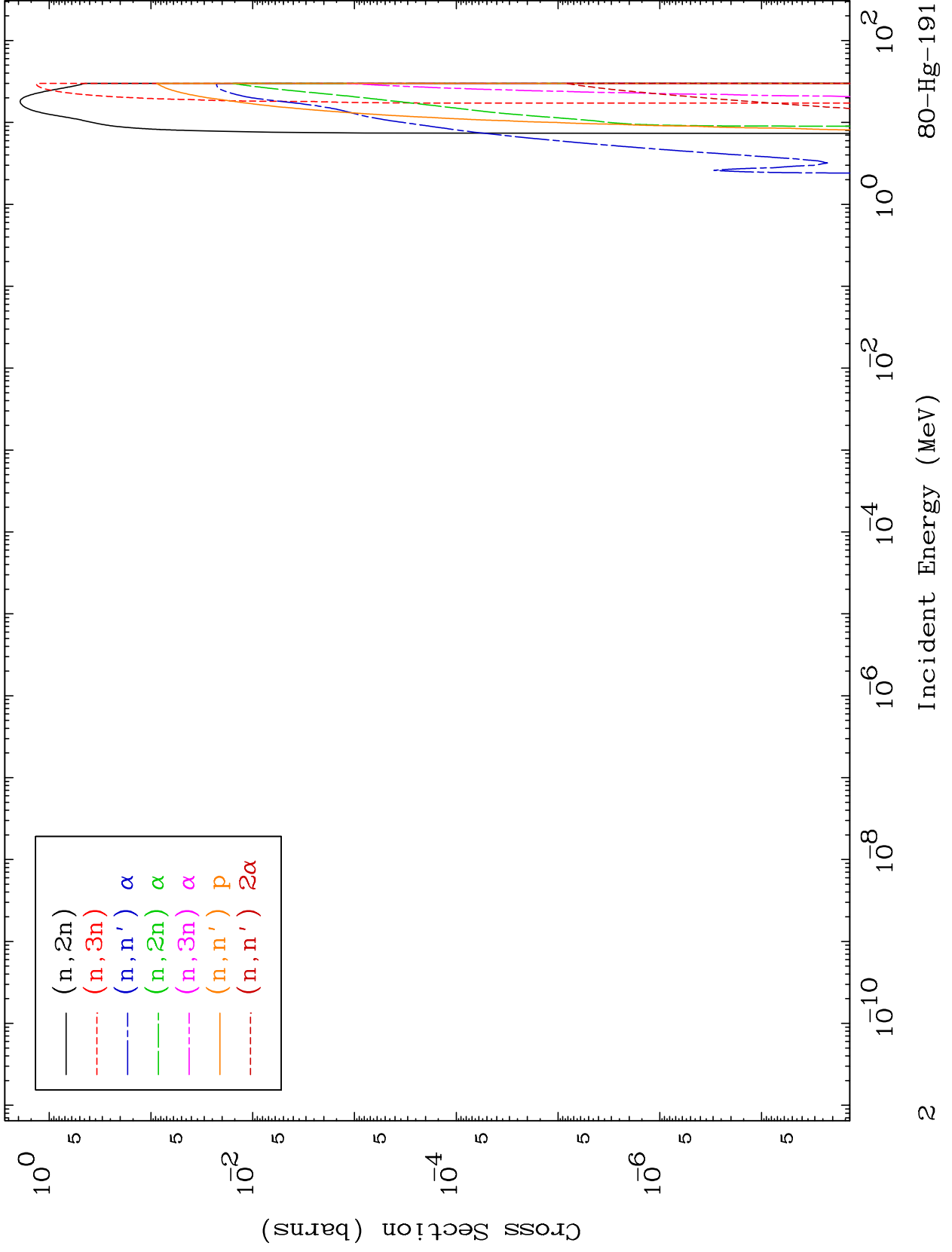
Press Mouse Button to Start



MAT 8010

Neutron Production
293 Kelvin Cross Sections

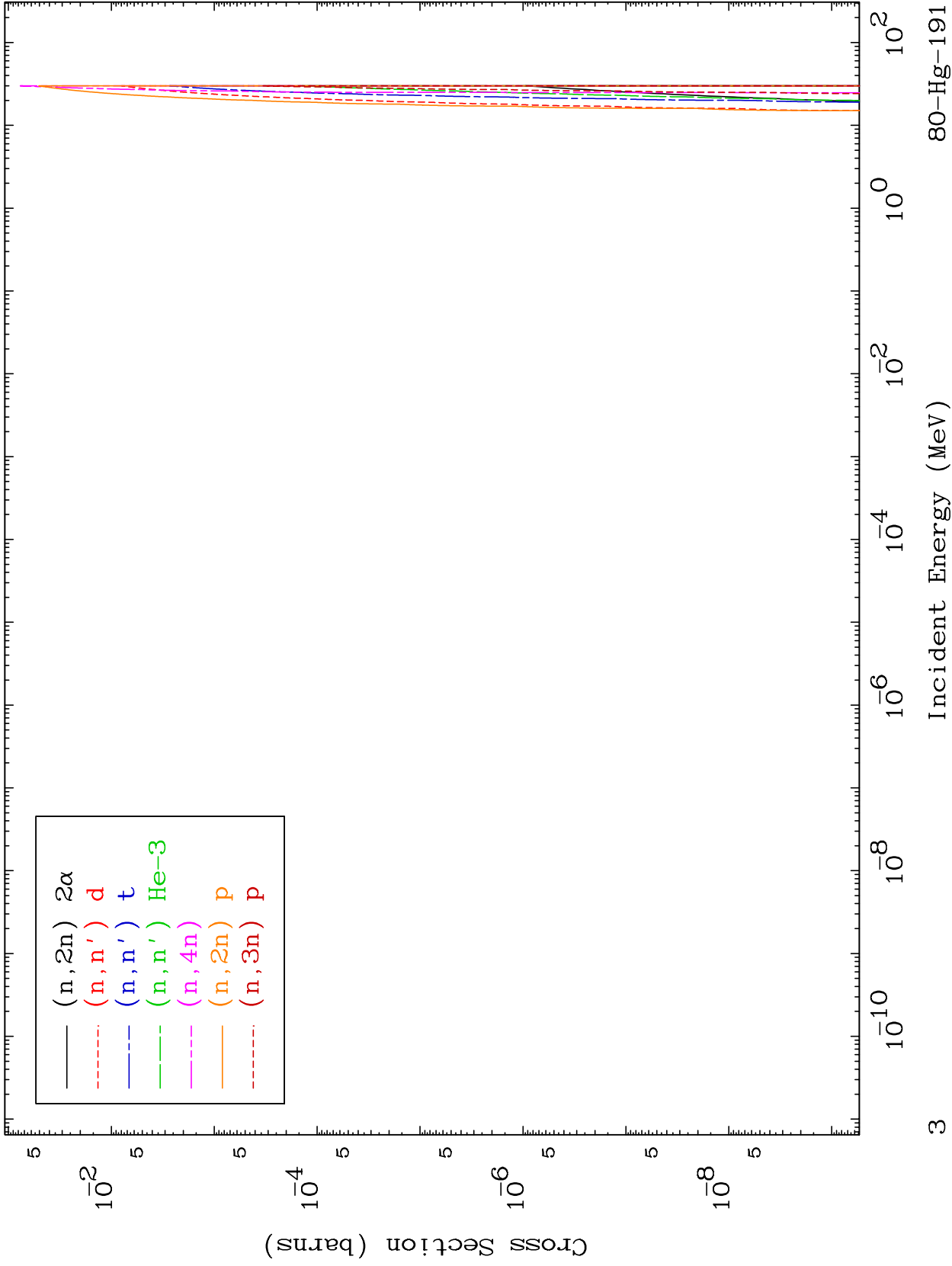
80-Hg-191



MAT 8010

Neutron Production
293 Kelvin Cross Sections

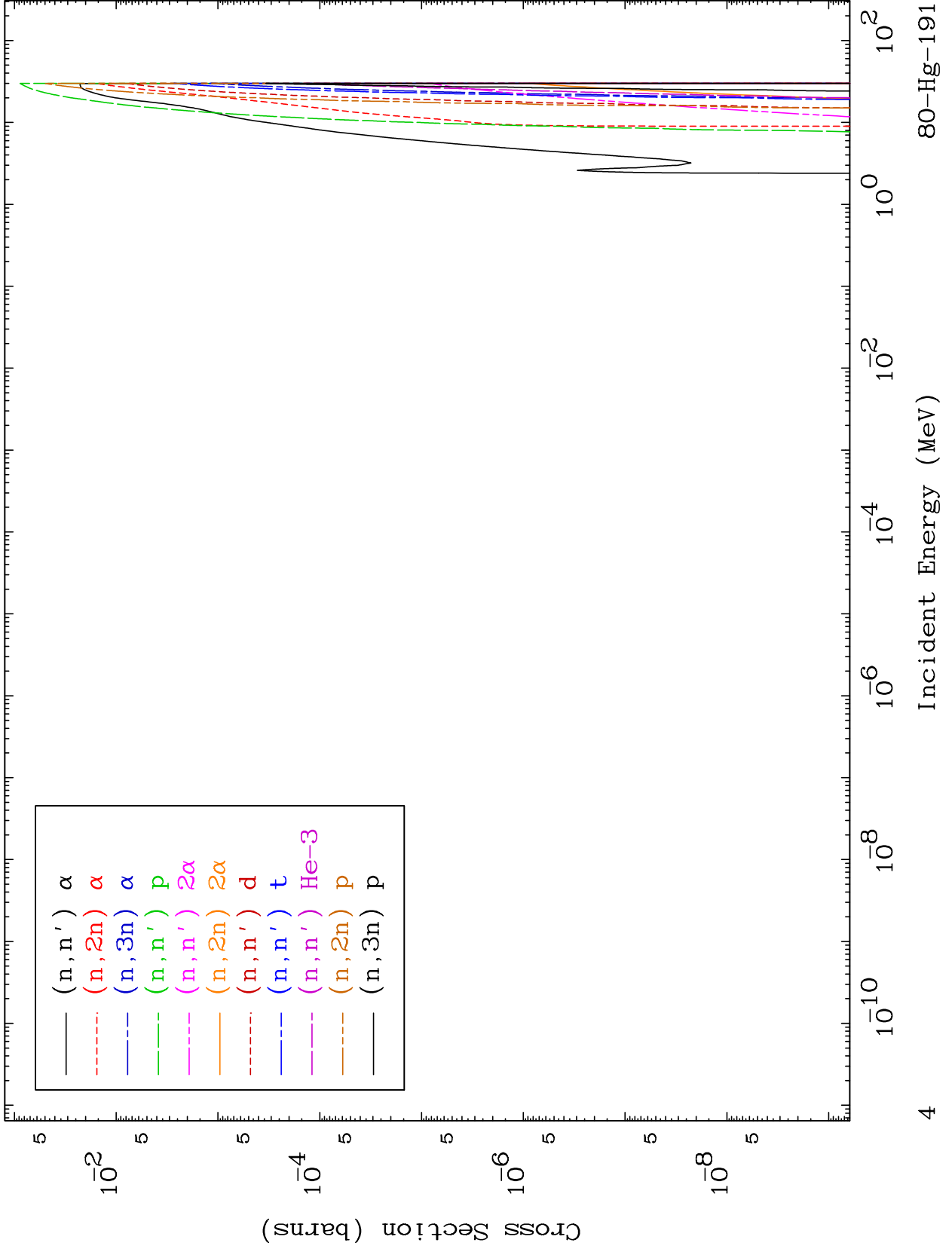
80-Hg-191



MAT 8010

Charged Particle
293 Kelvin Cross Sections

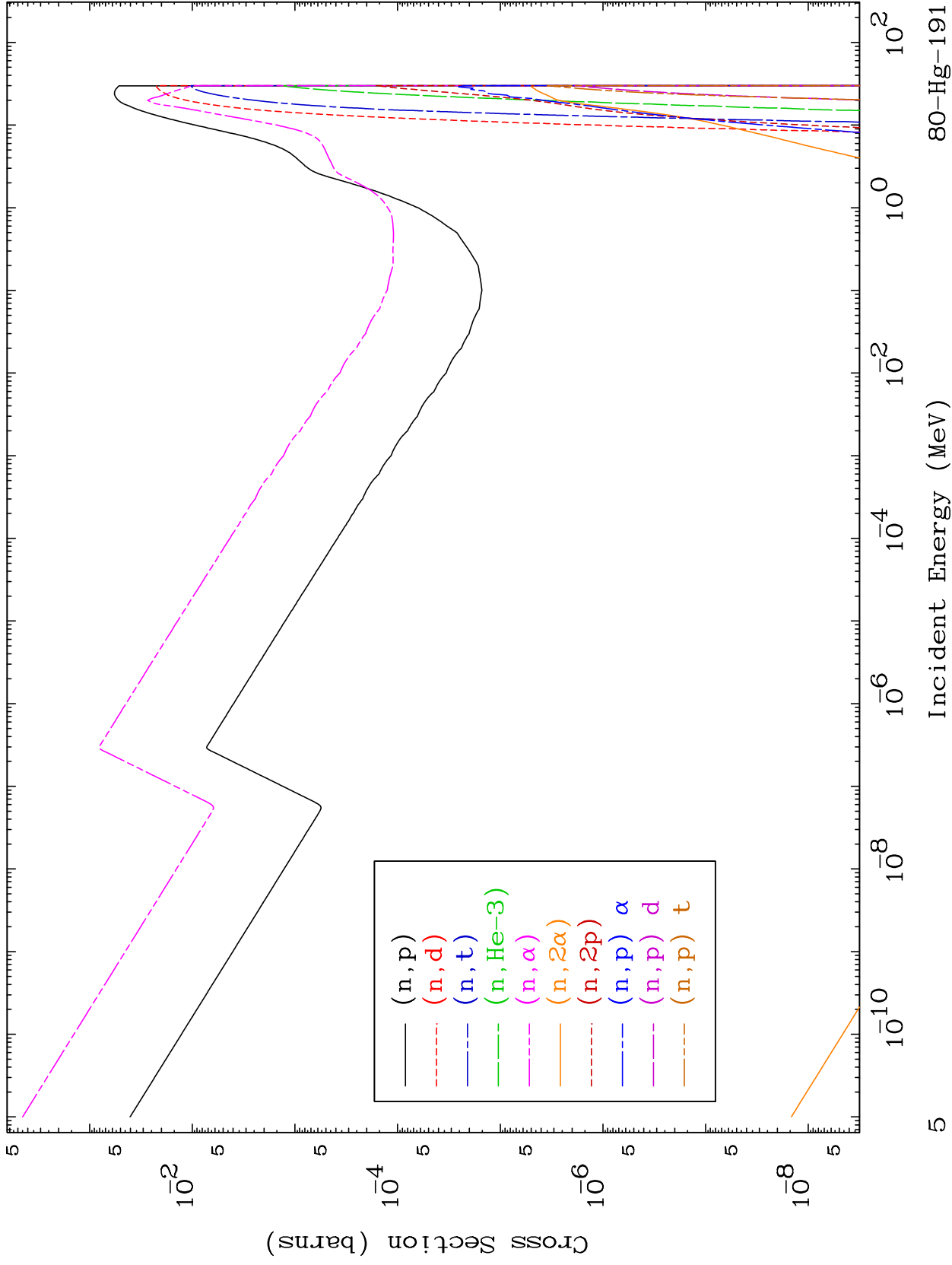
80-Hg-191



MAT 8010

Charged Particle
293 Kelvin Cross Sections

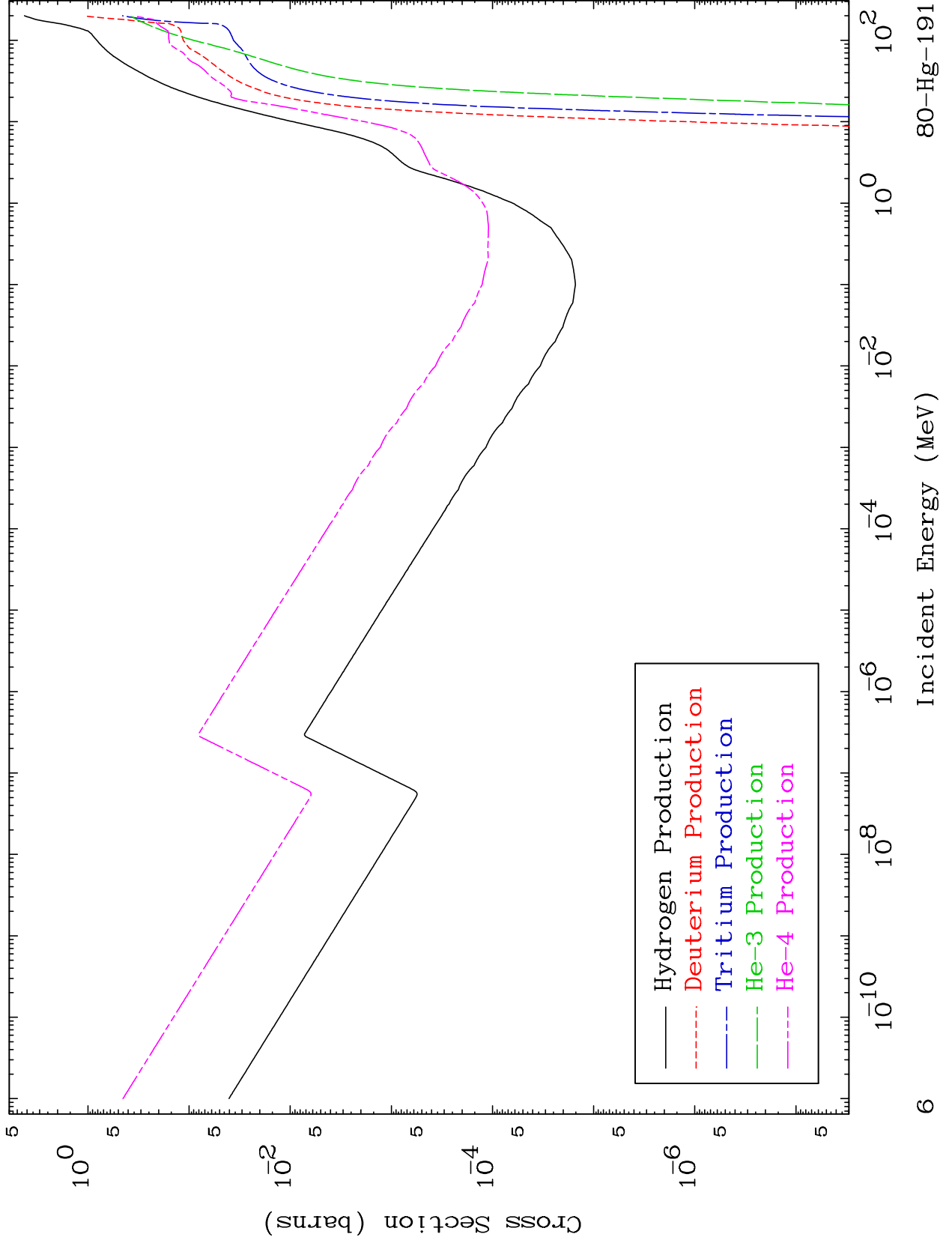
80-Hg-191



MAT 8010

Particle Production
293 Kelvin Cross Sections

80-Hg-191

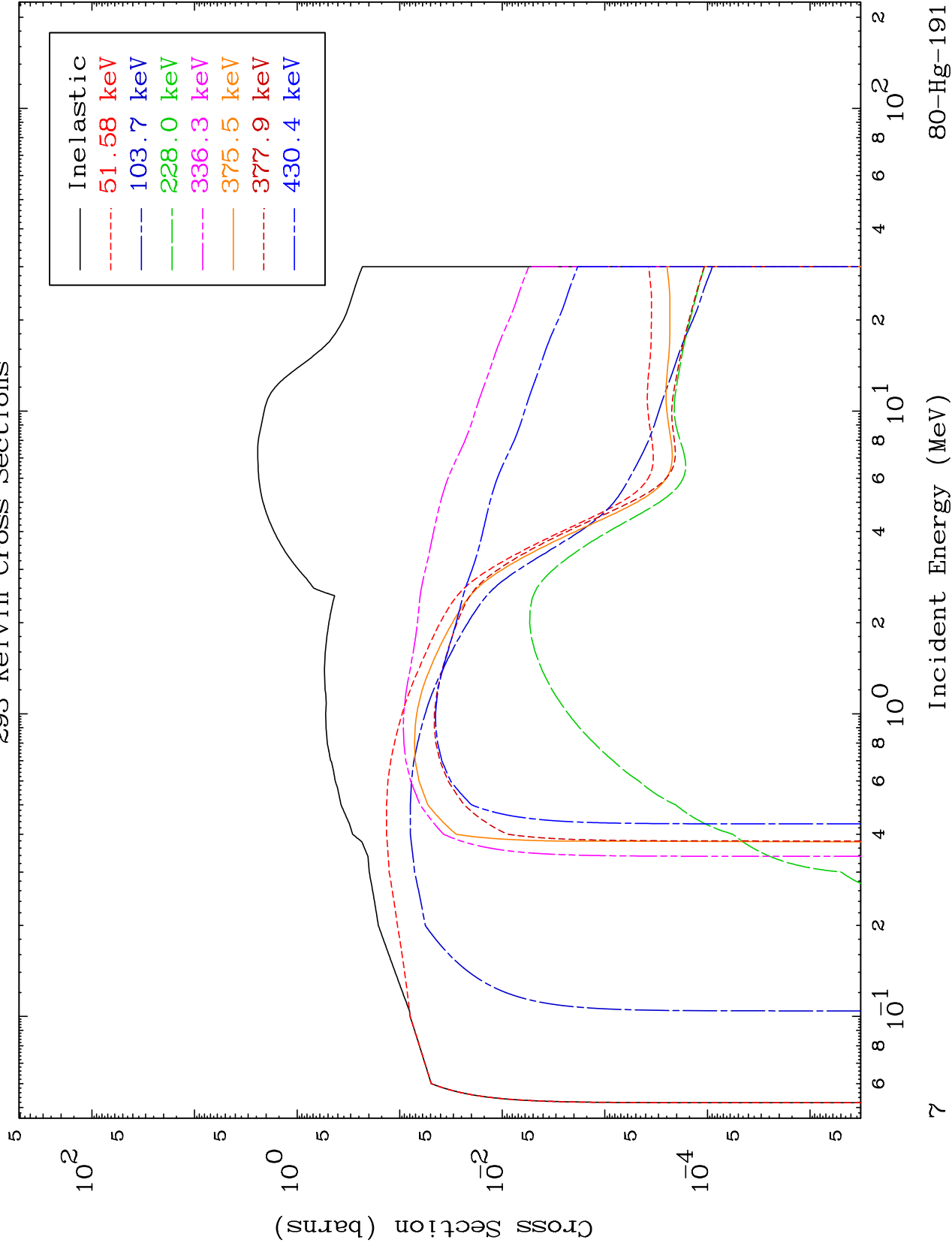


MAT 8010

(n,n') Level

293 Kelvin Cross Sections

80-Hg-191



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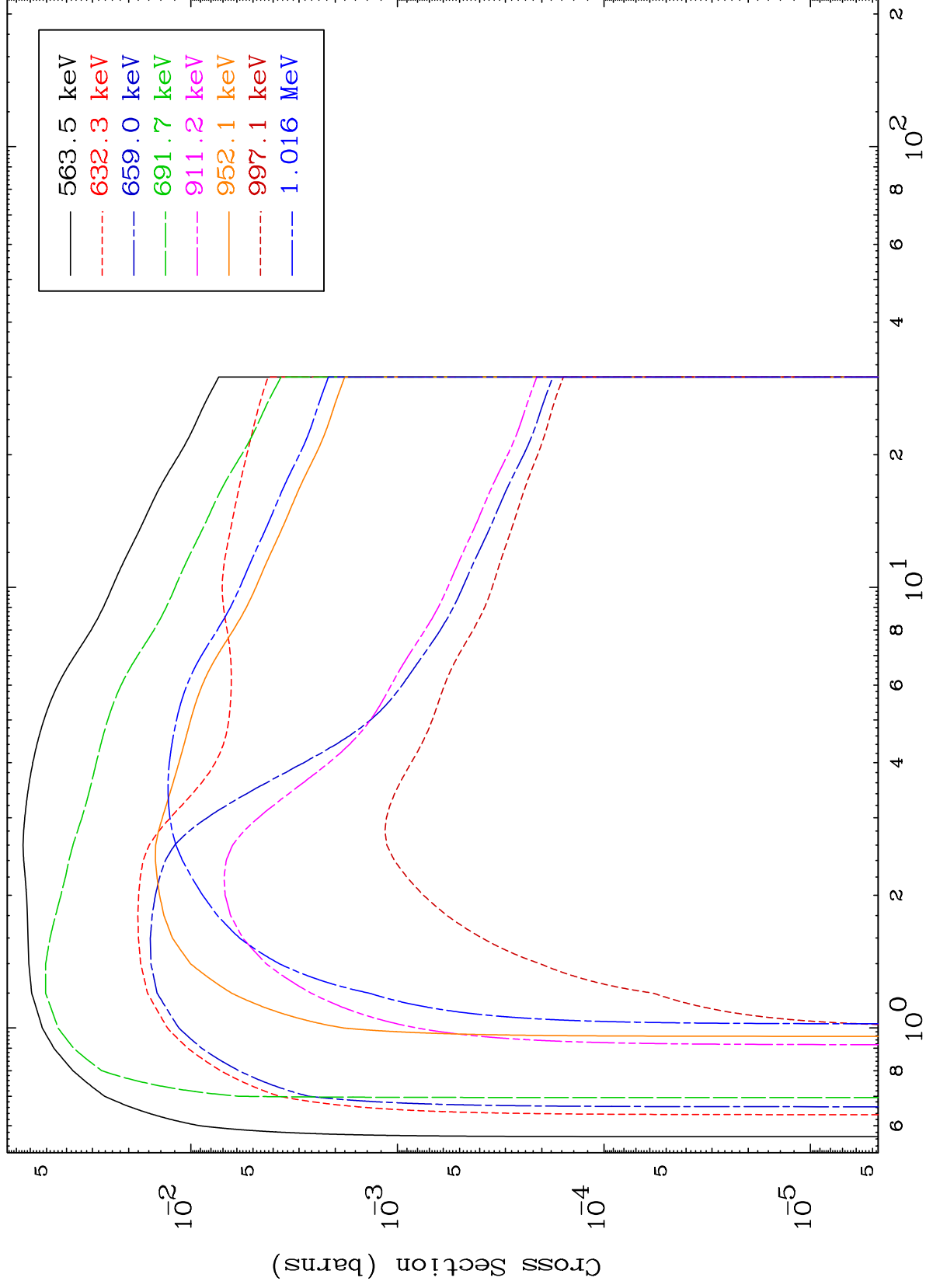
80-Hg-191

MAT 8010

(n,n') Level

80-Hg-191

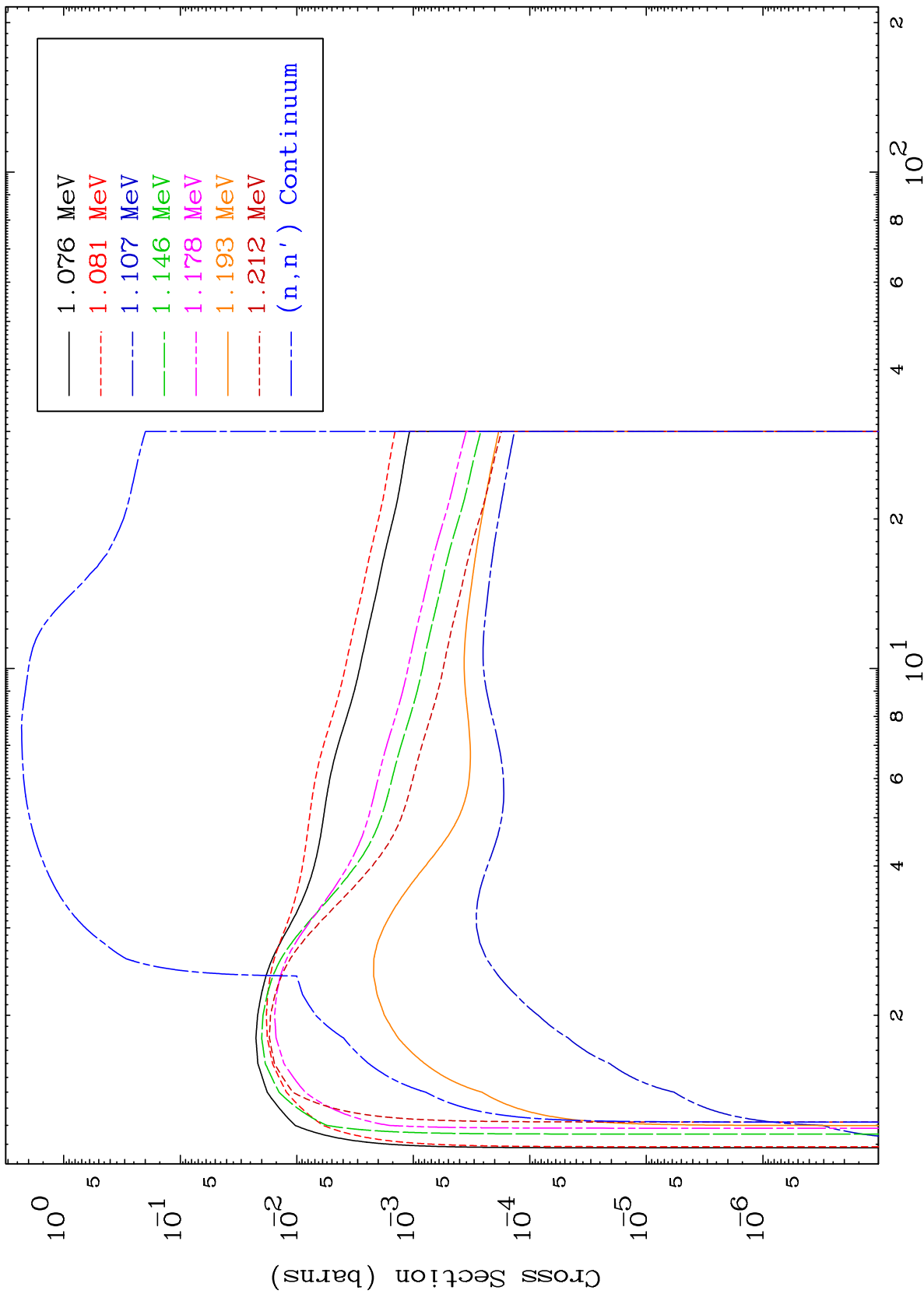
293 Kelvin Cross Sections



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Incident Energy (MeV)

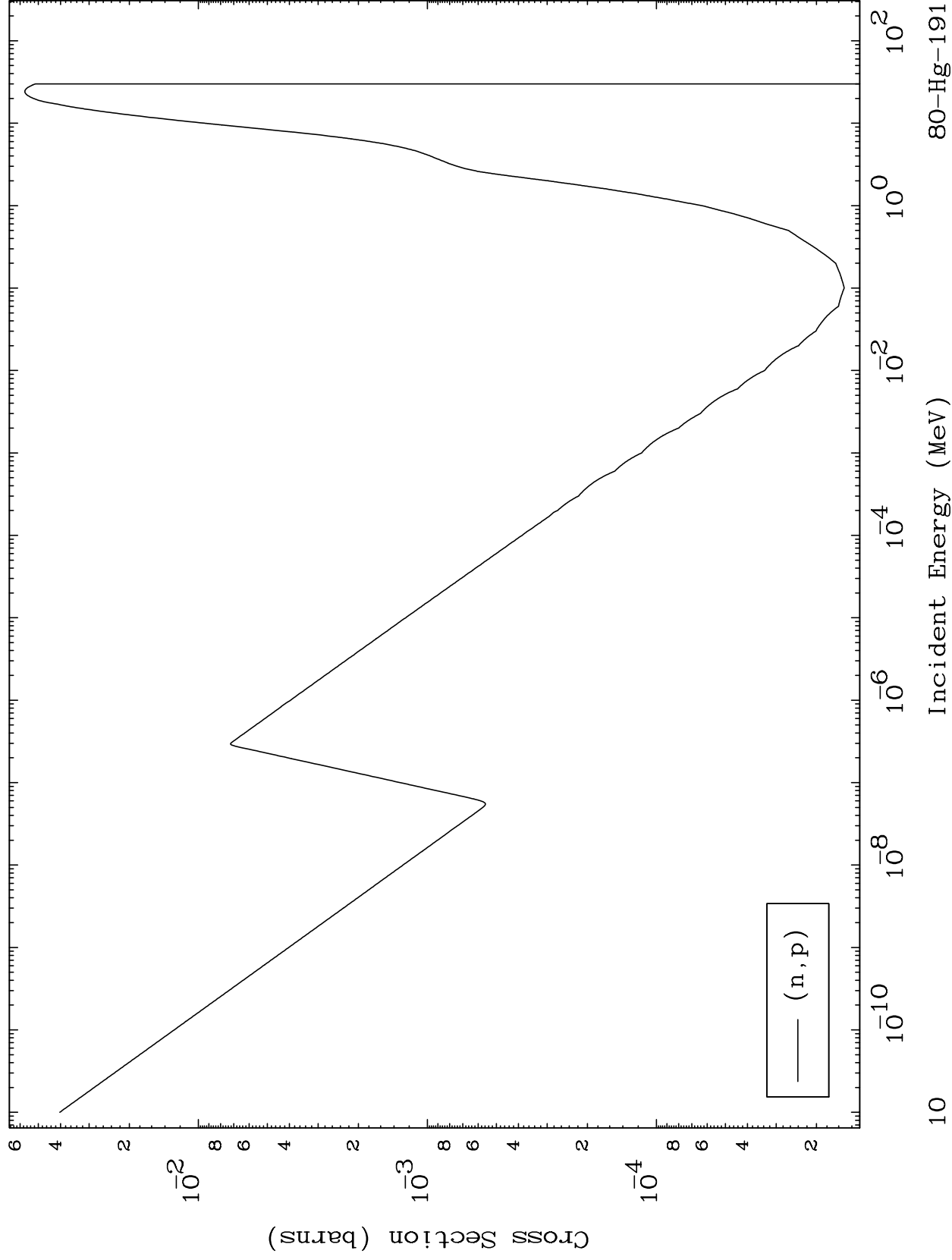
80-Hg-191



MAT 8010

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-191



— (n,p)

80-Hg-191

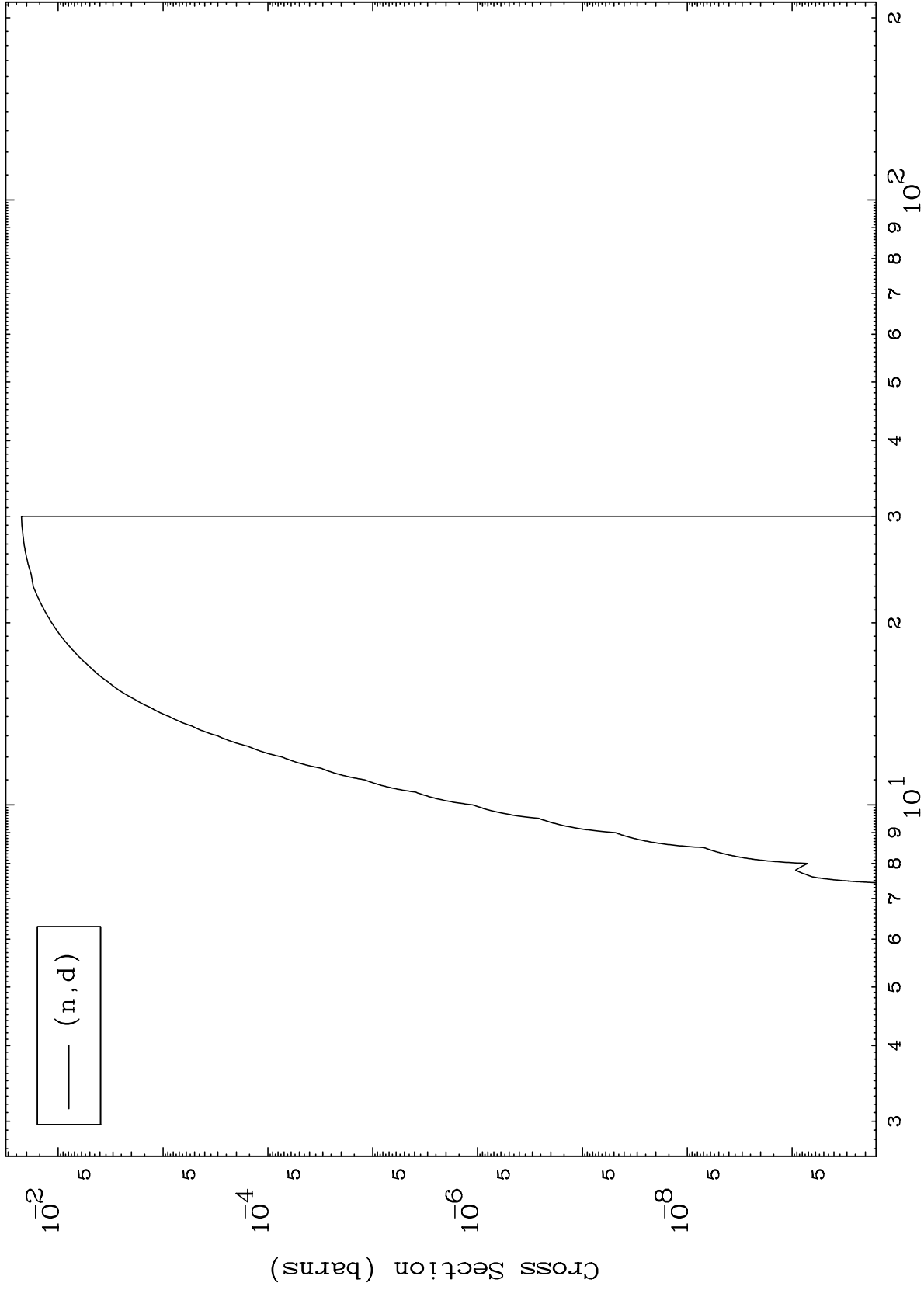
Incident Energy (MeV)

10

MAT 8010

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-191



11

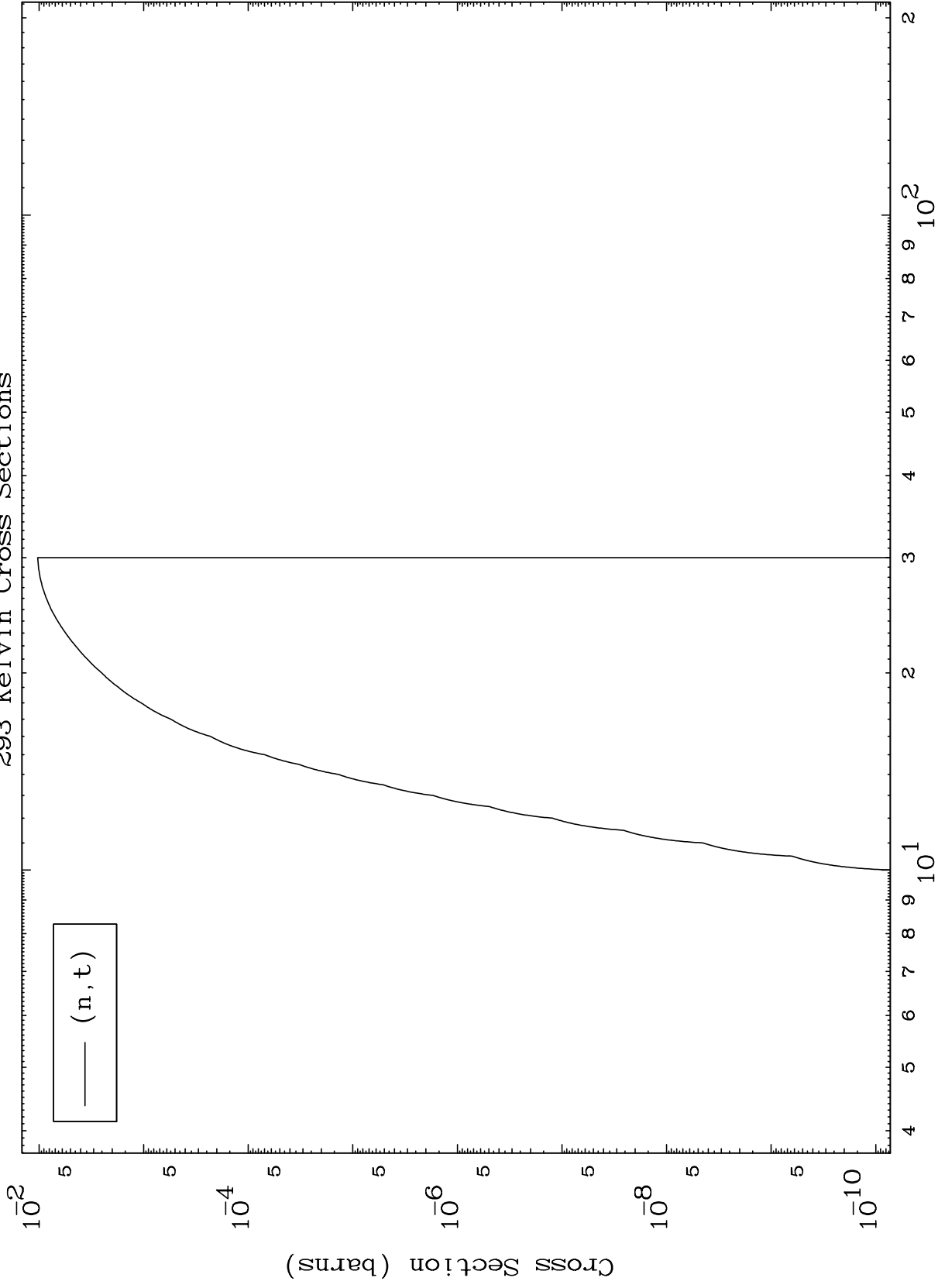
Incident Energy (MeV)

80-Hg-191

MAT 8010

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-191



12

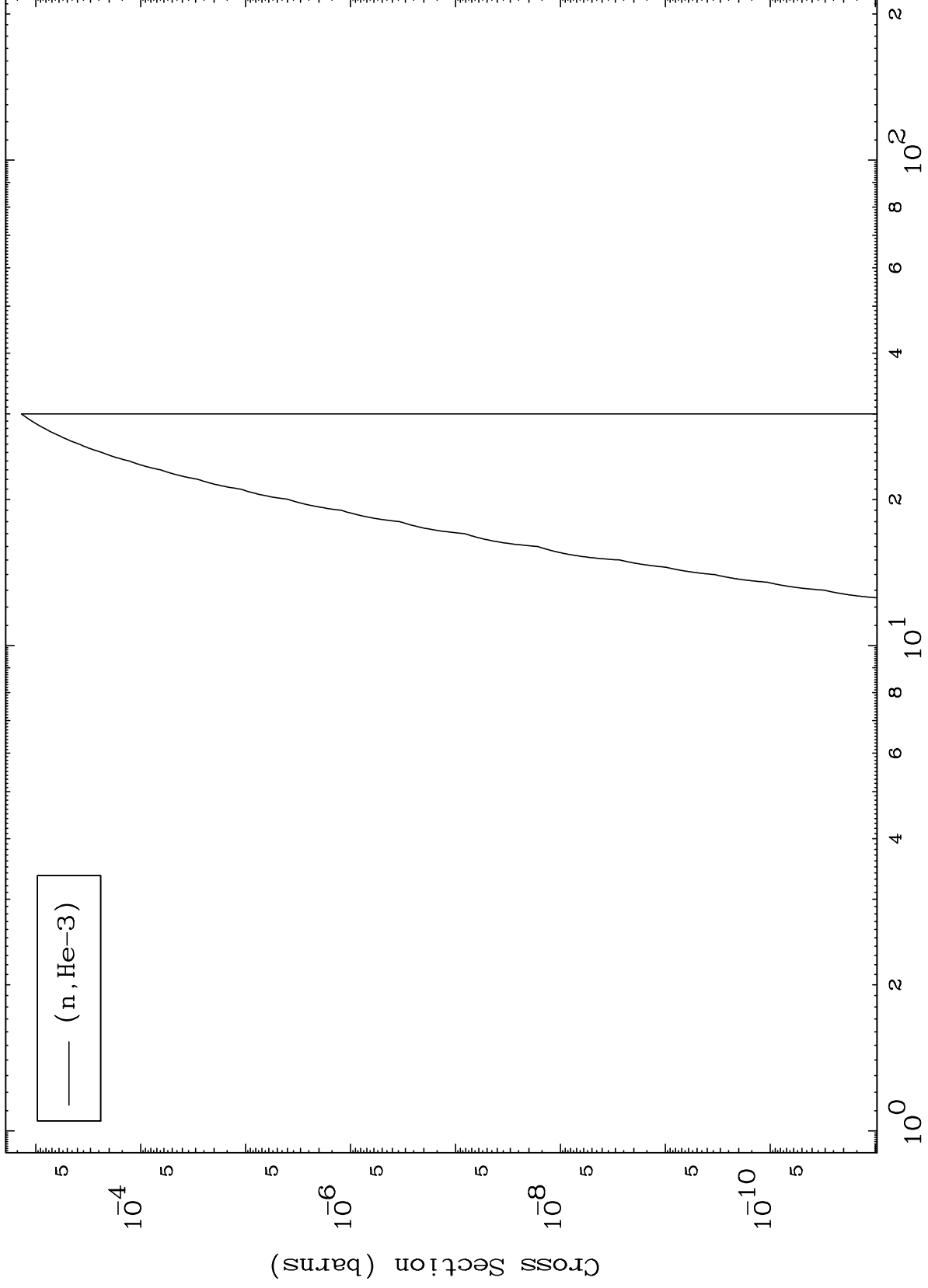
Incident Energy (MeV)

80-Hg-191

MAT 8010

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-191



13

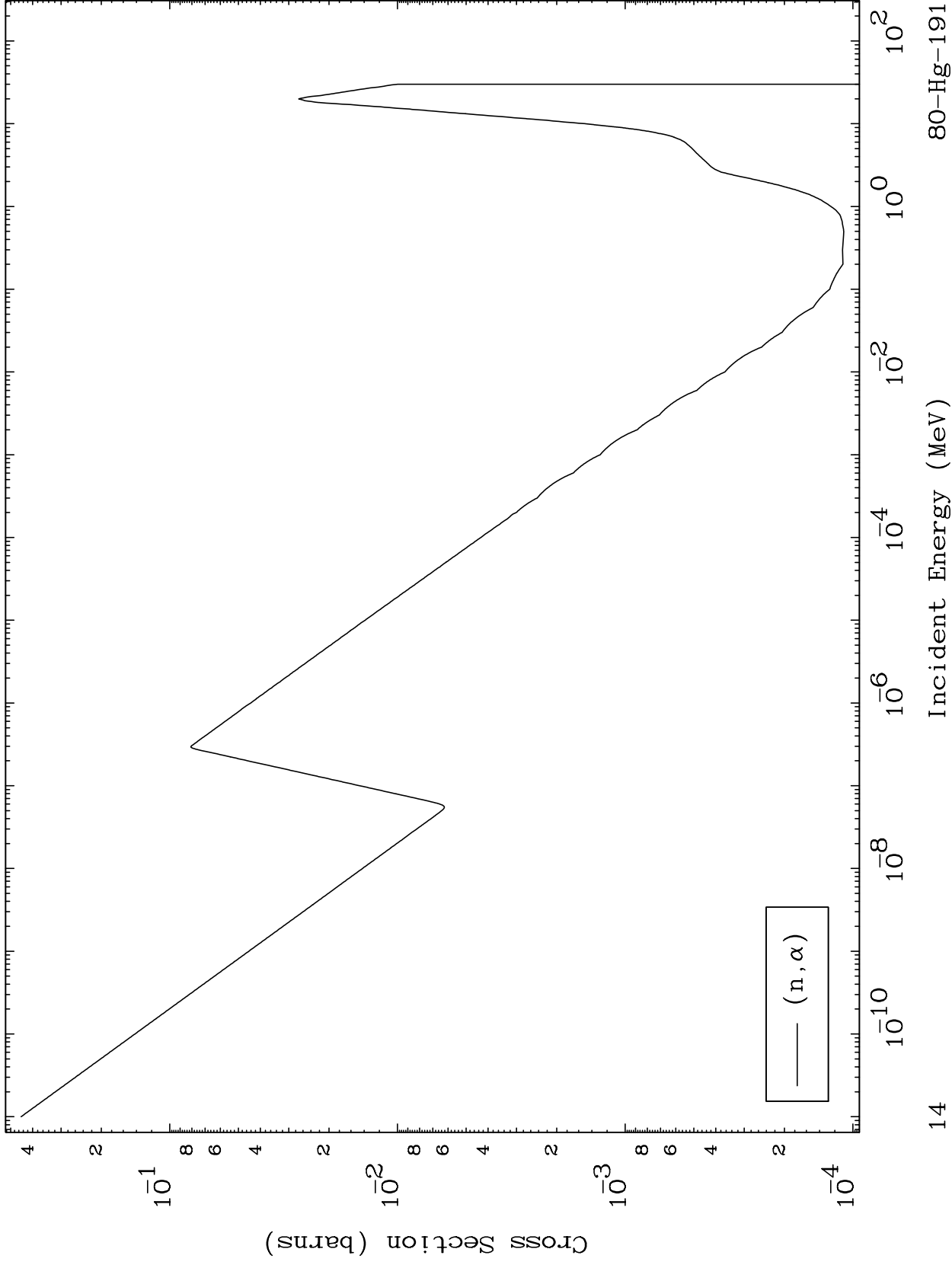
Incident Energy (MeV)

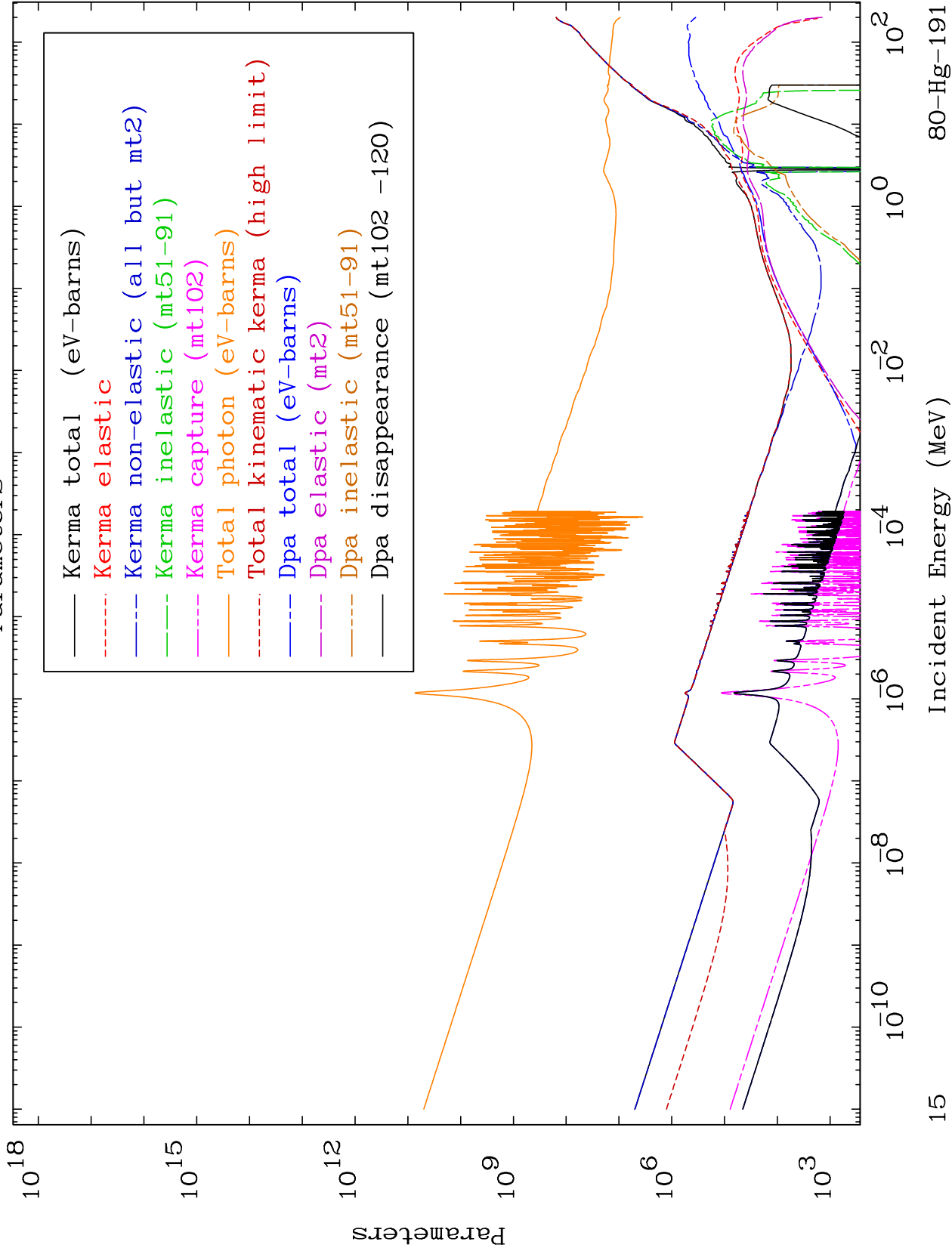
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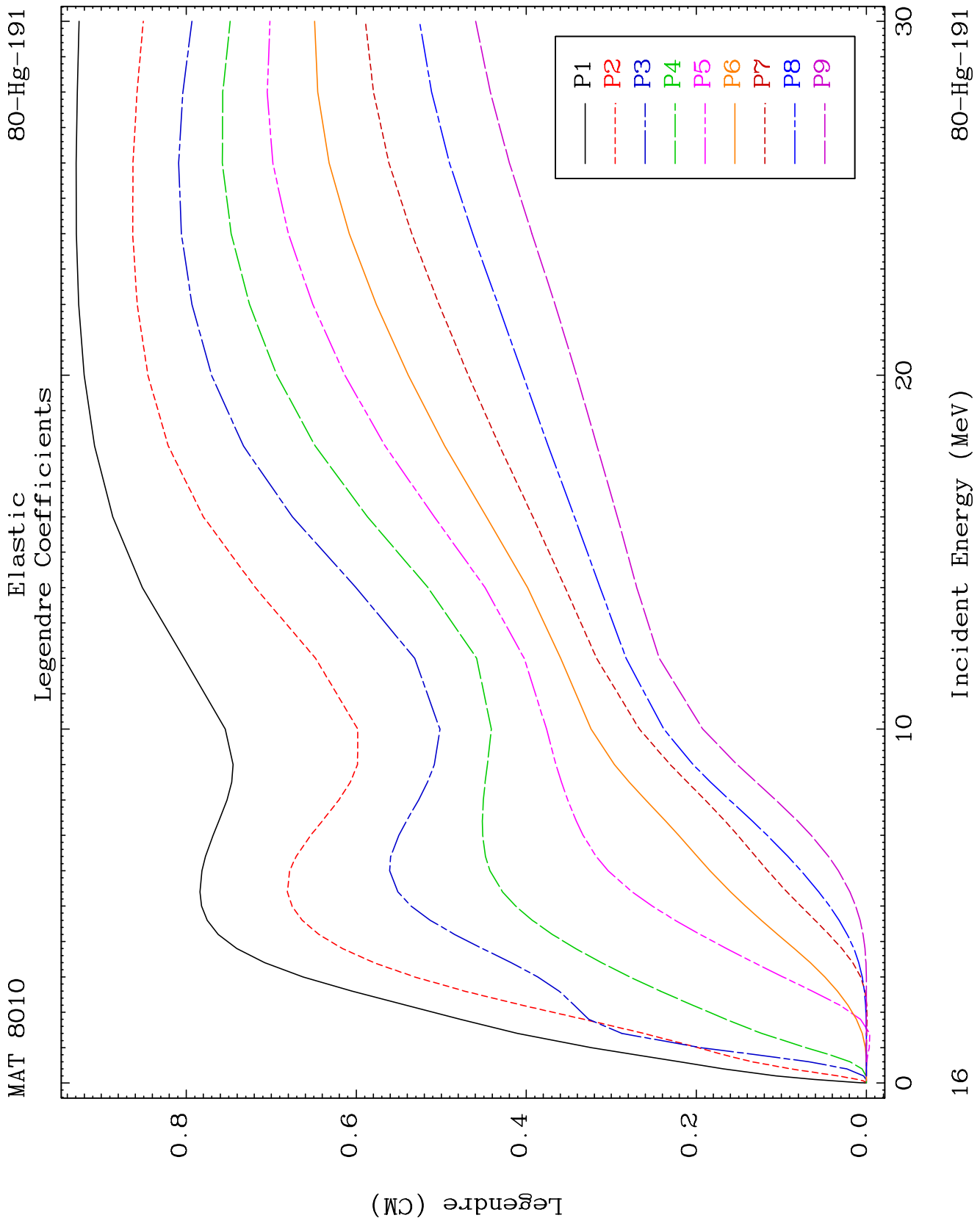
MAT 8010

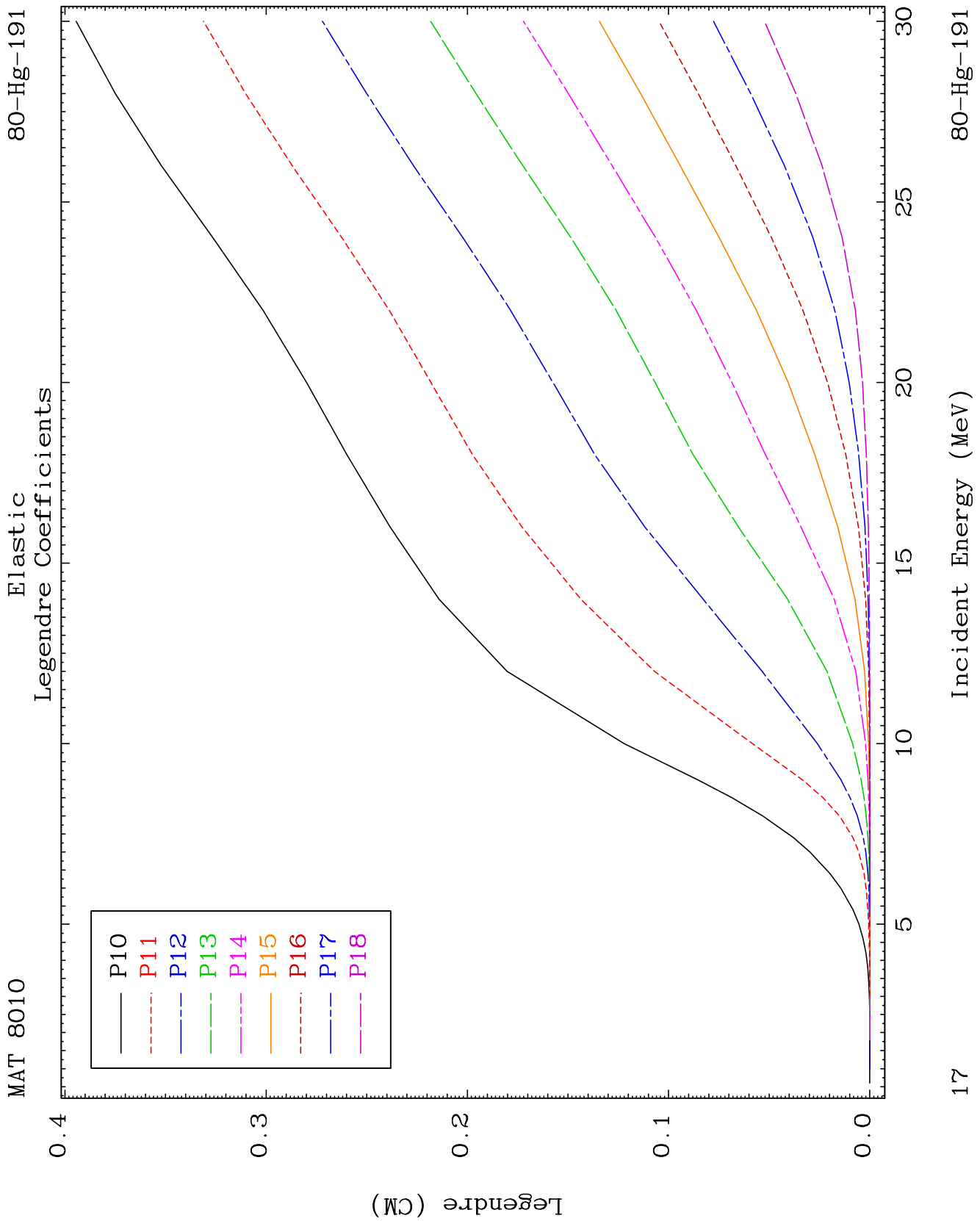
(n, α) Levels
293 Kelvin Cross Sections

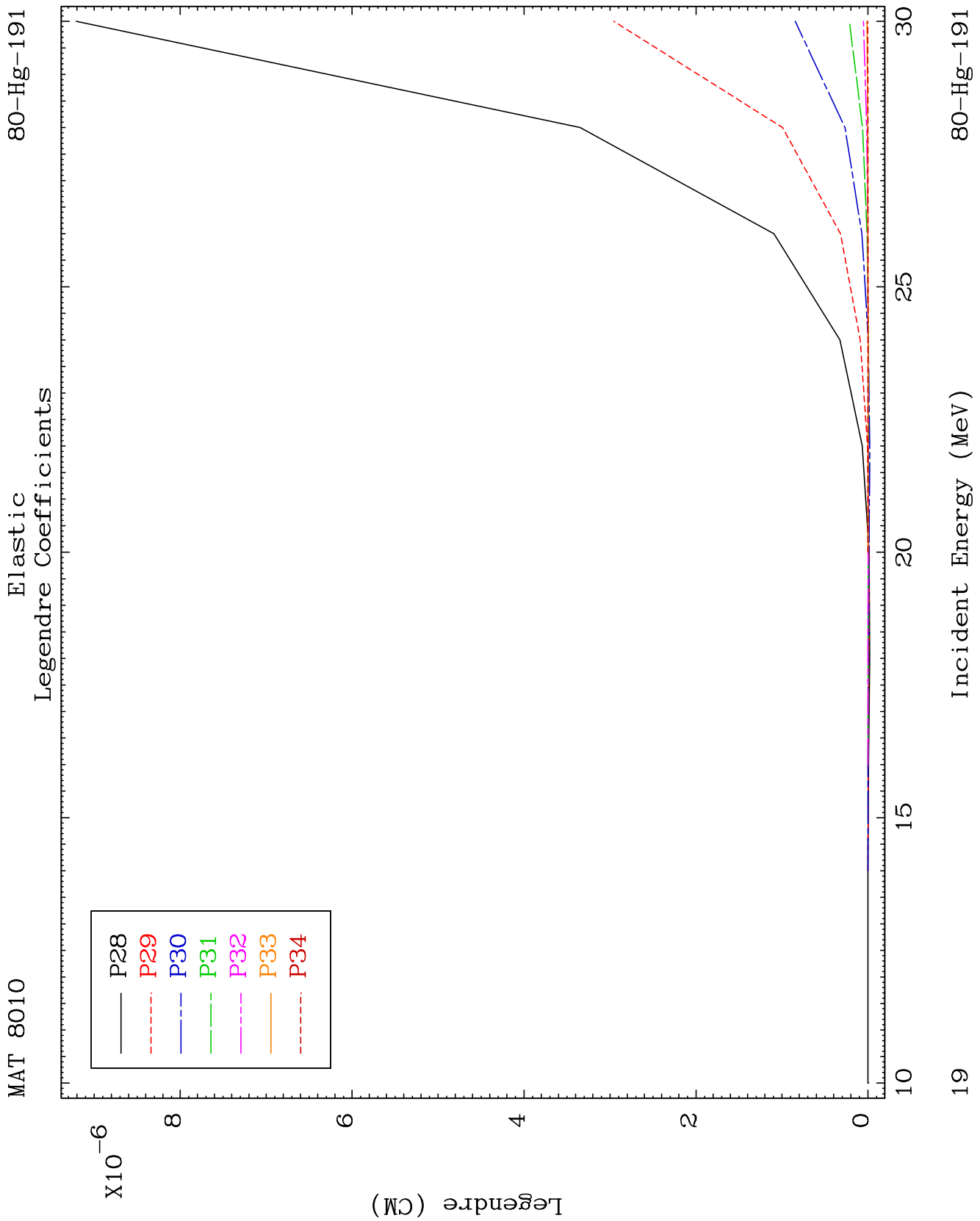
80-Hg-191

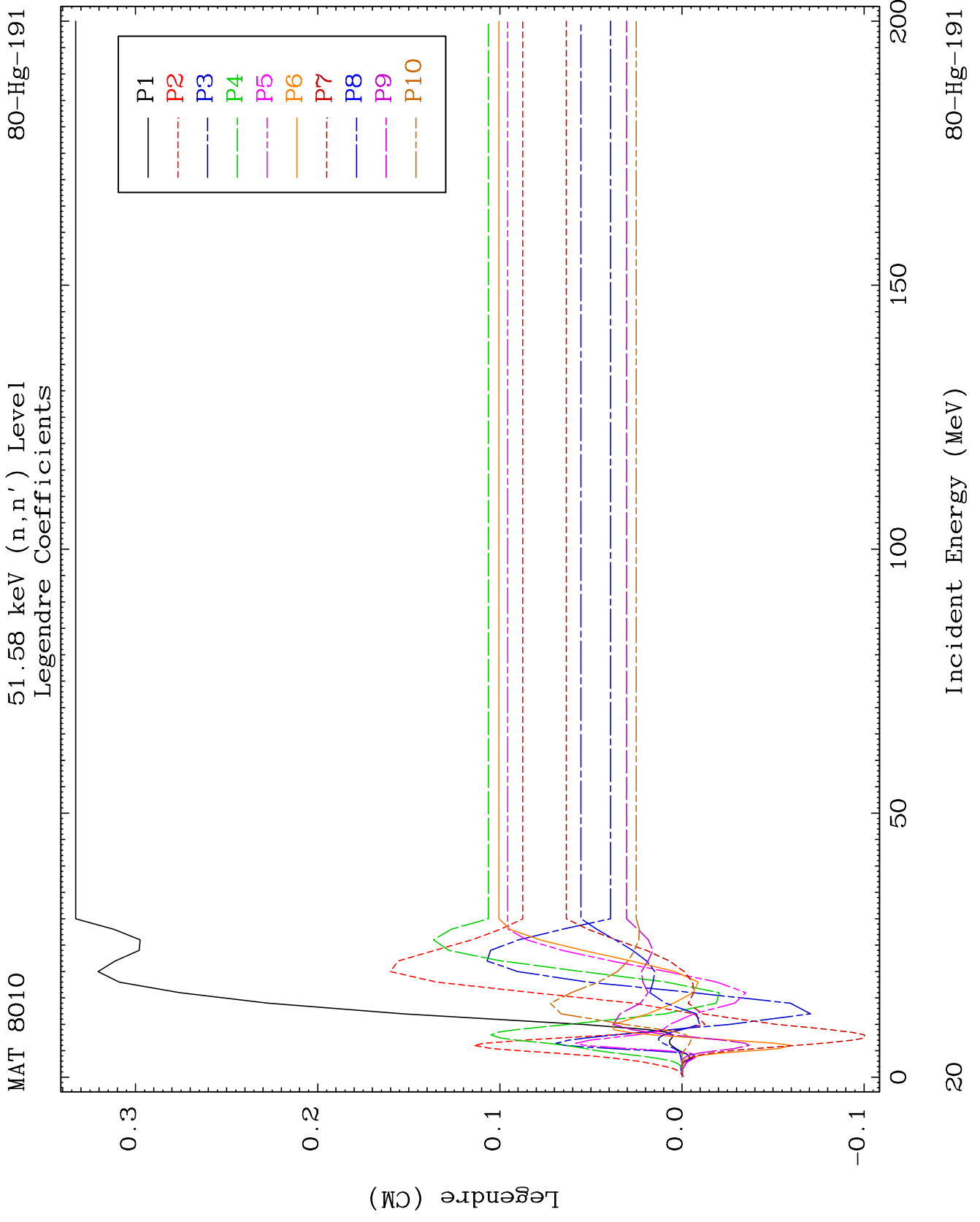


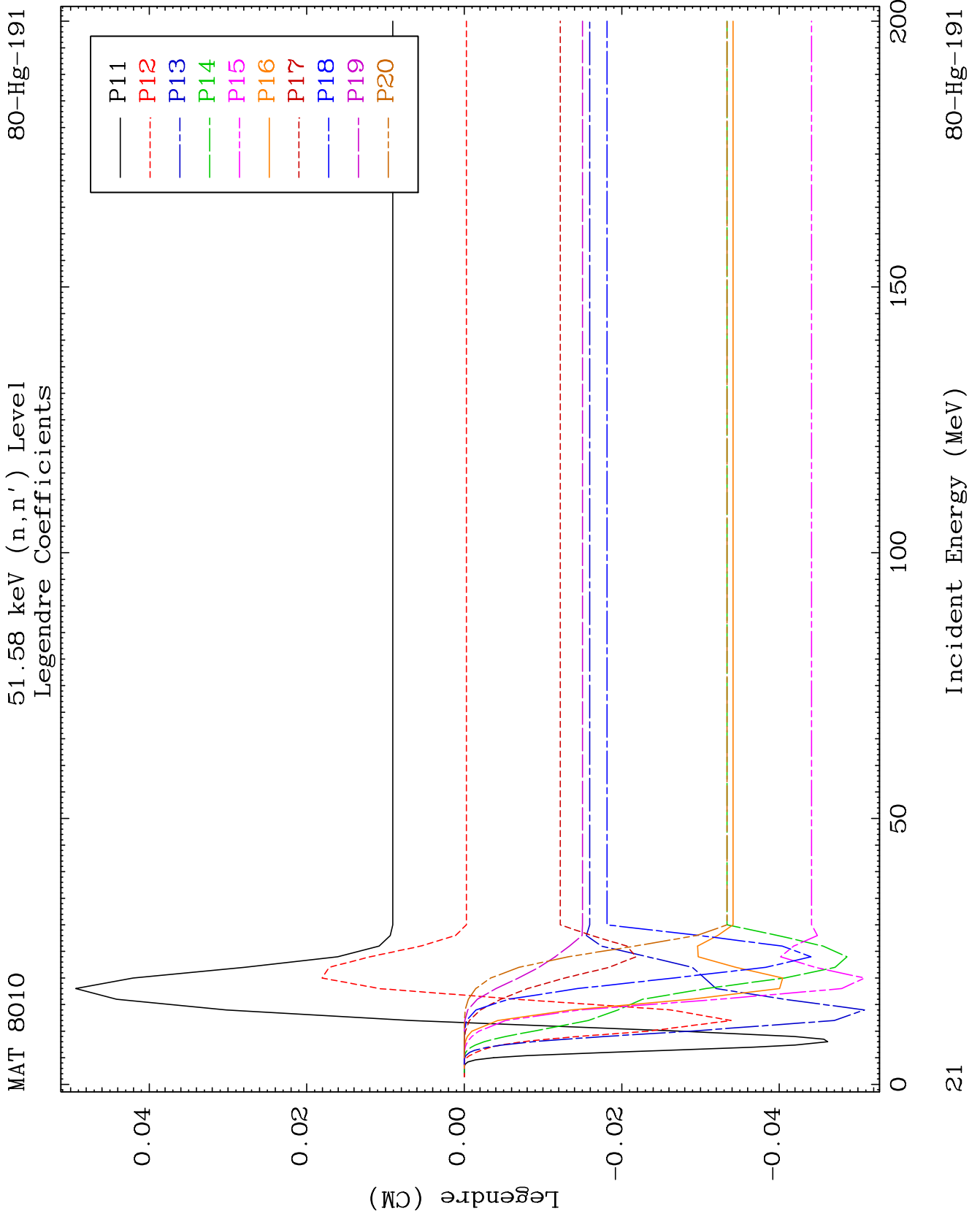


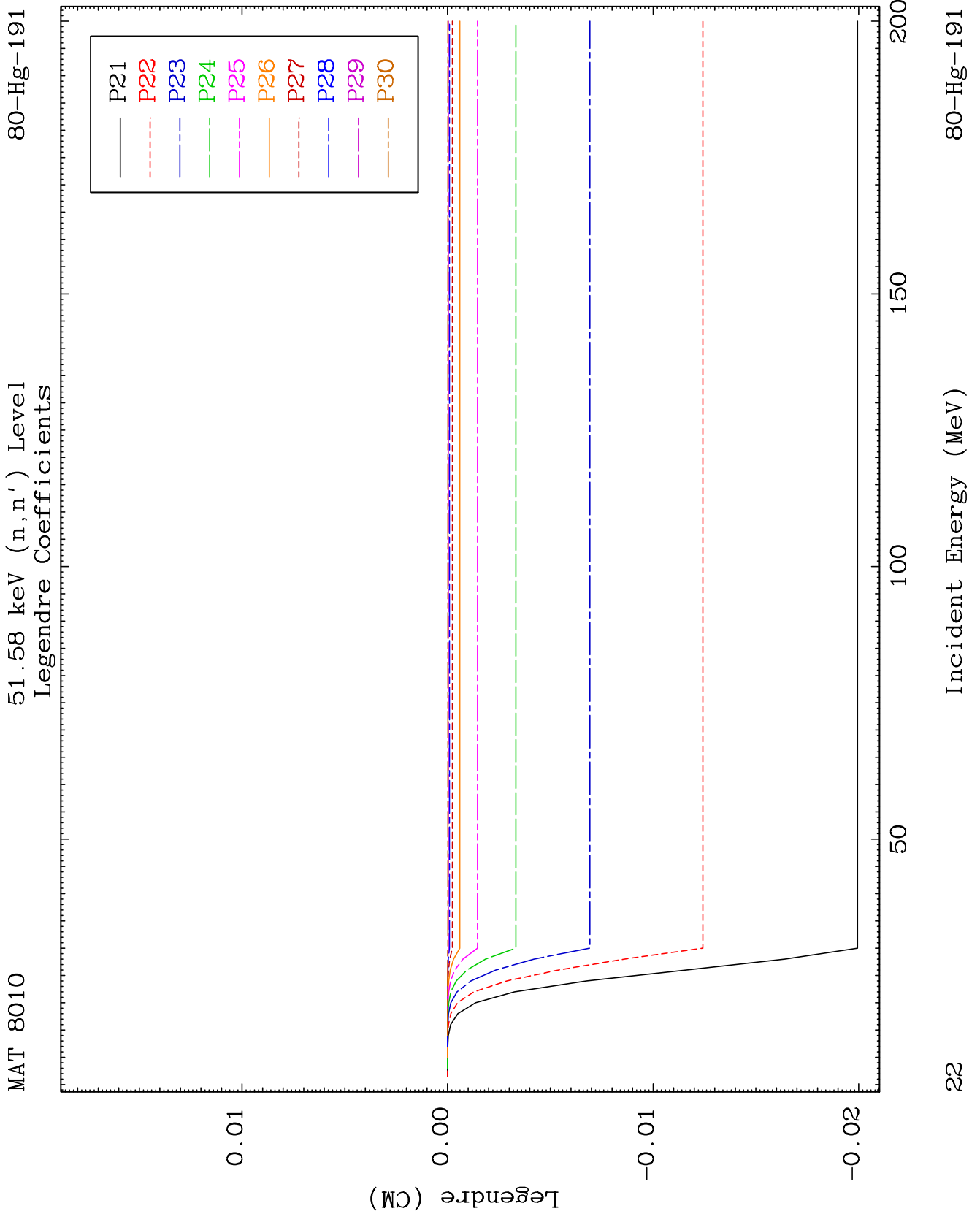


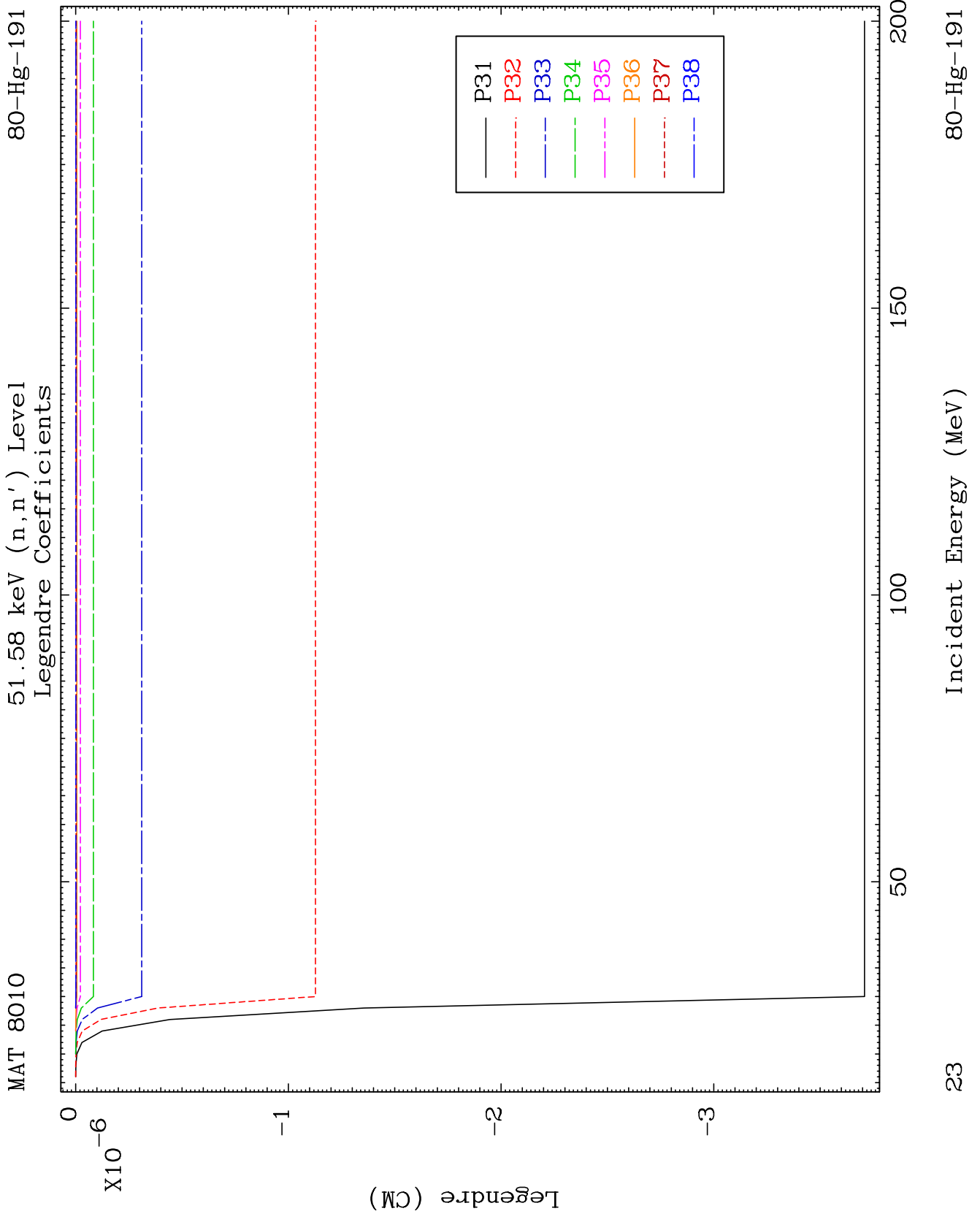








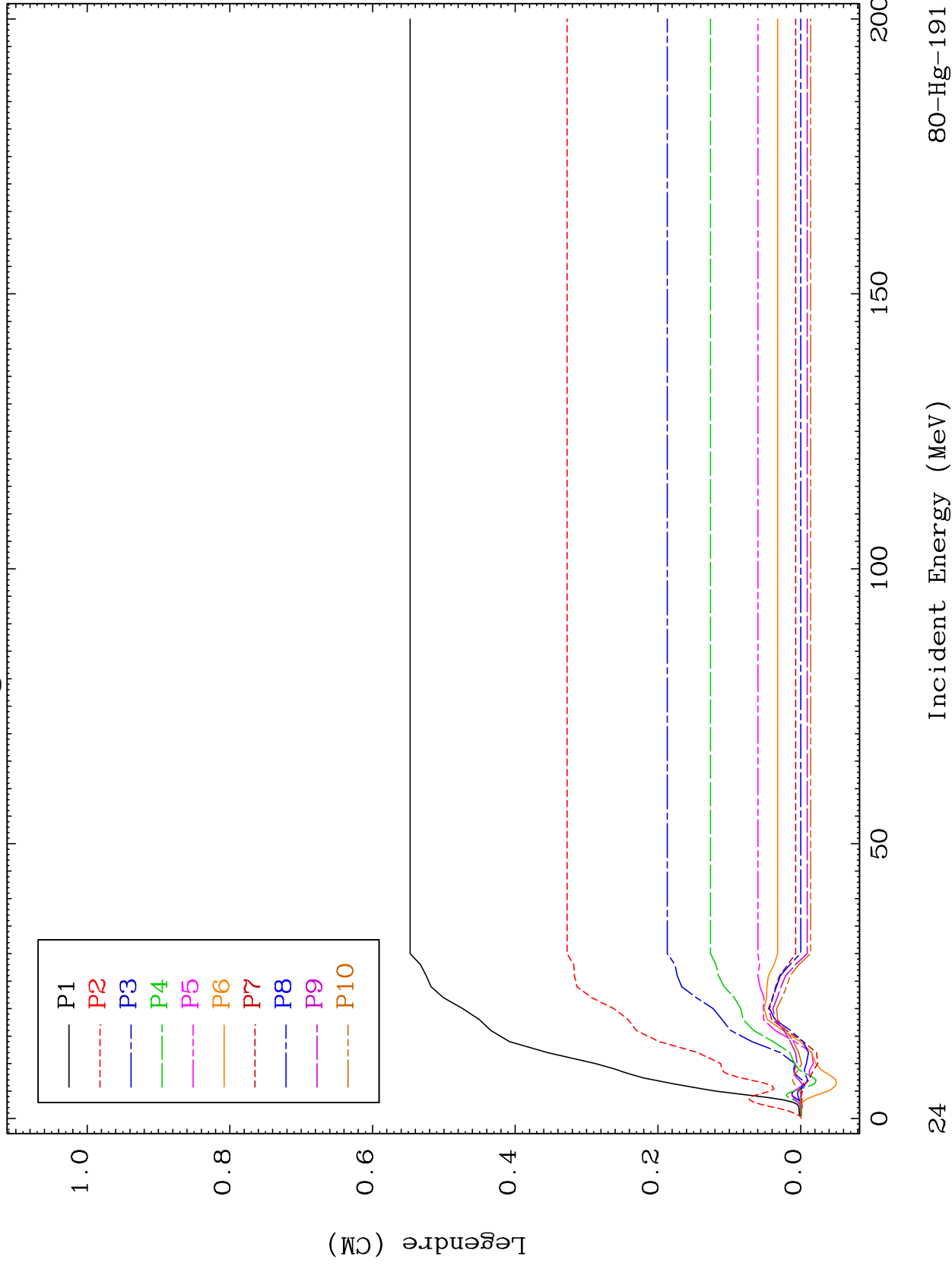




MAT 8010

103.7 keV (n,n') Level
Legendre Coefficients

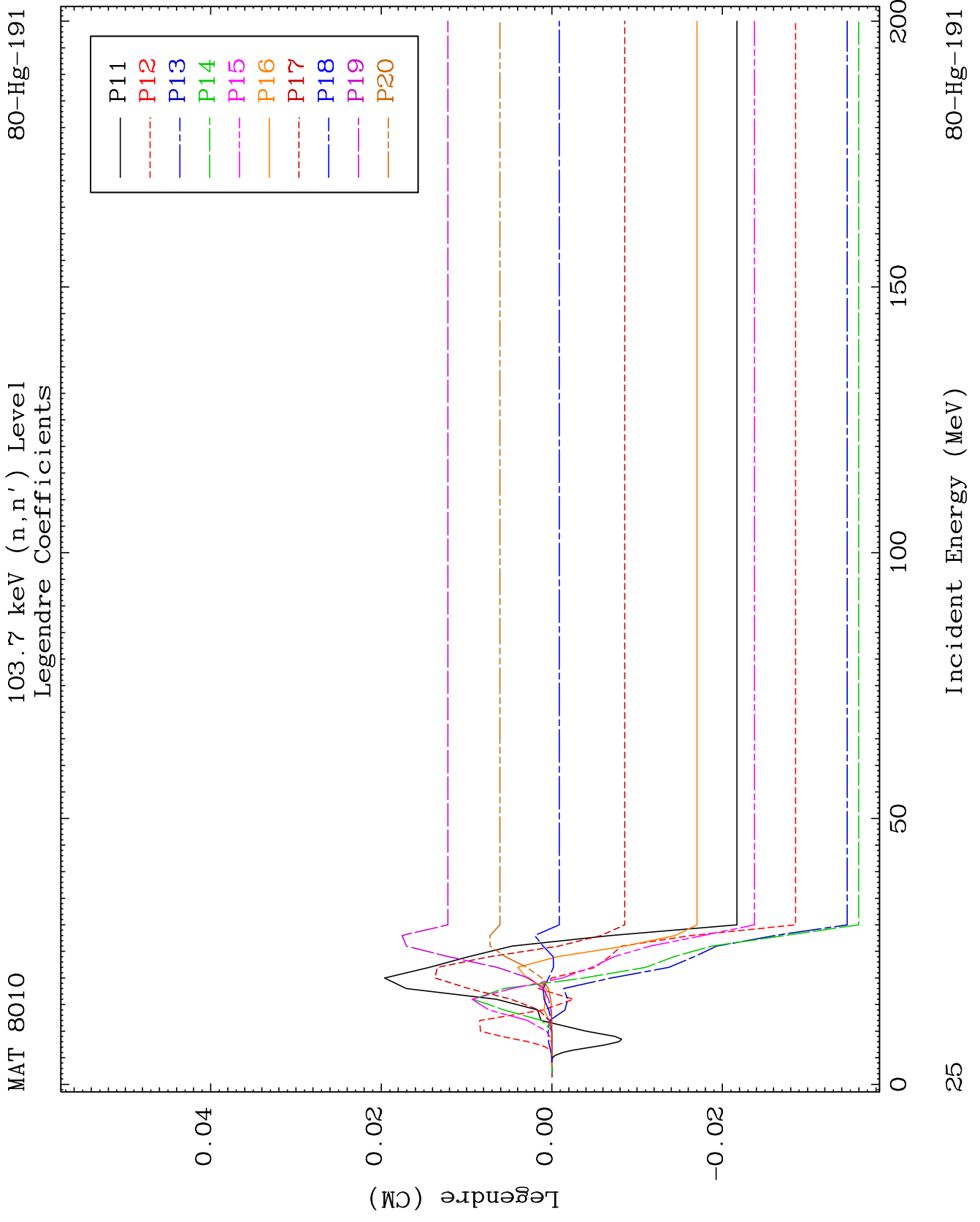
80-Hg-191



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Incident Energy (MeV)

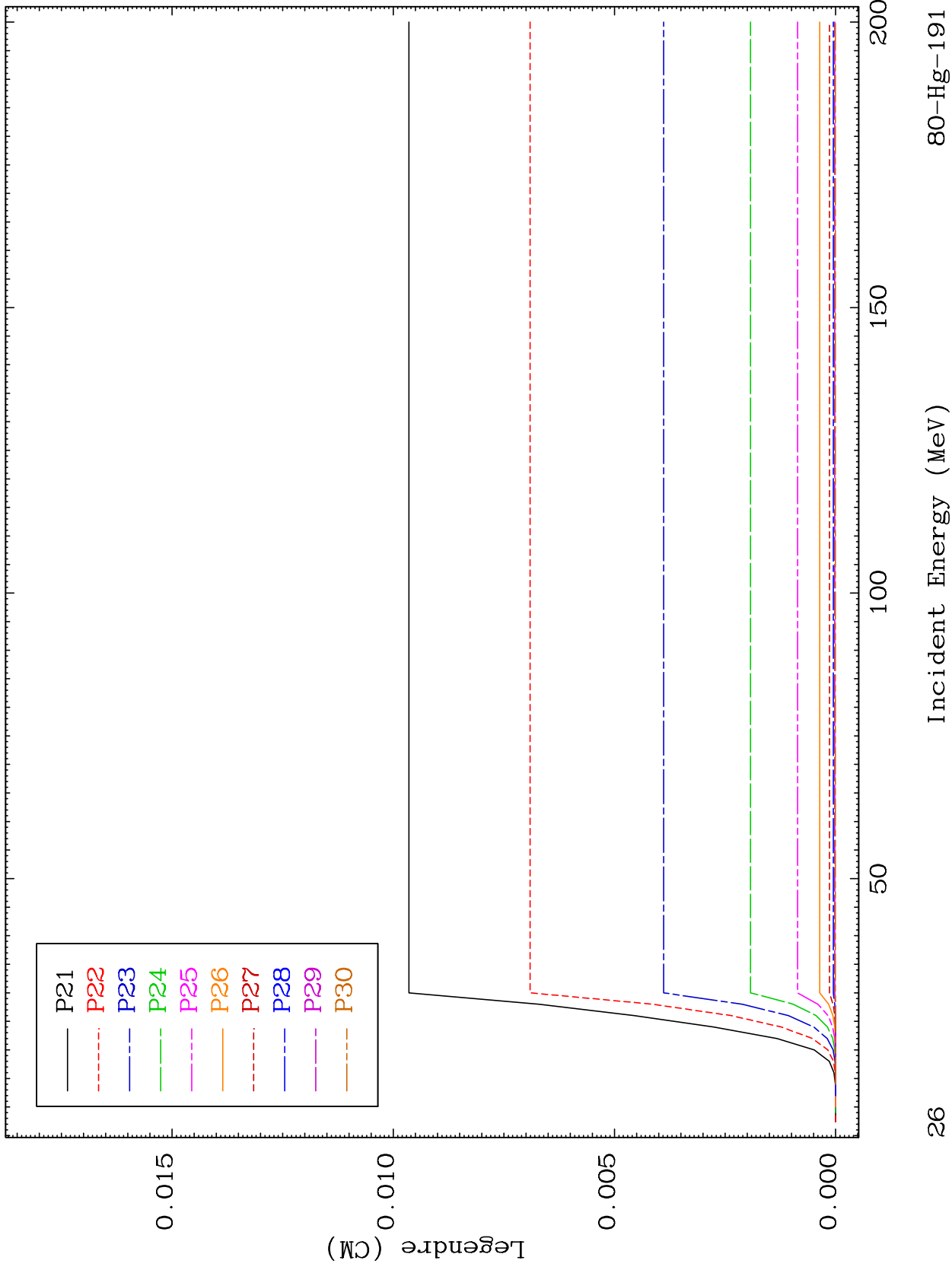
80-Hg-191



MAT 8010

103.7 keV (n,n') Level
Legendre Coefficients

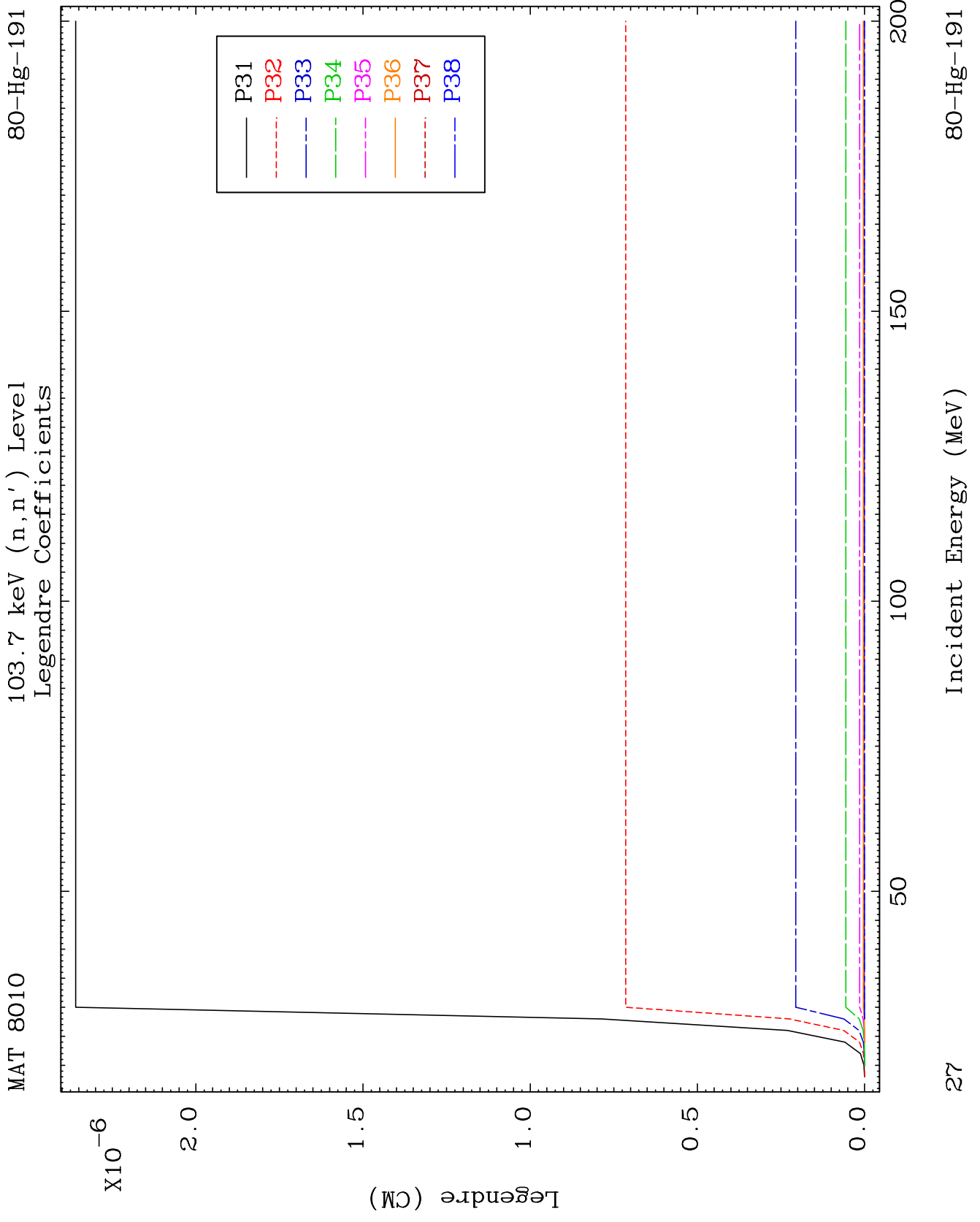
80-Hg-191

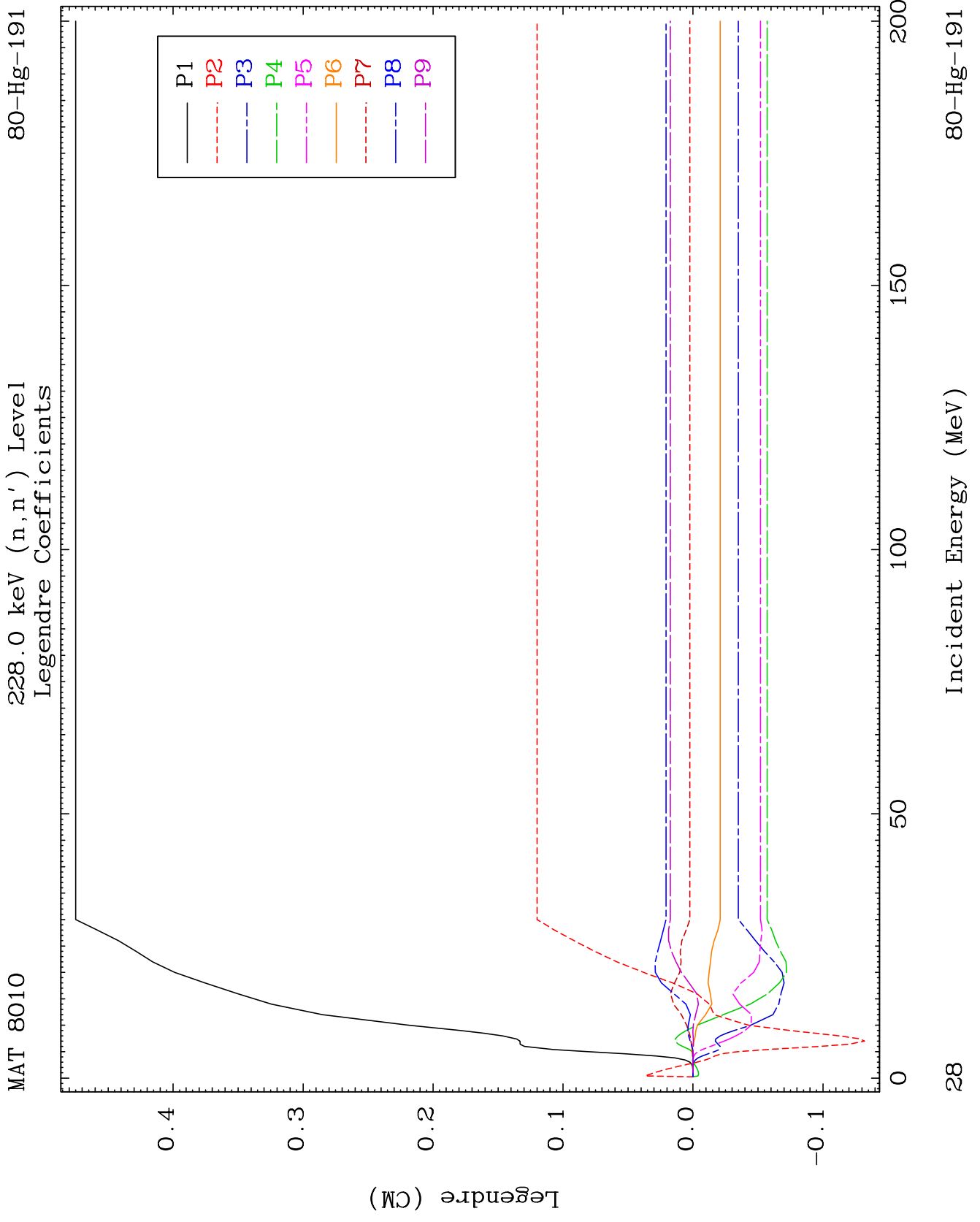


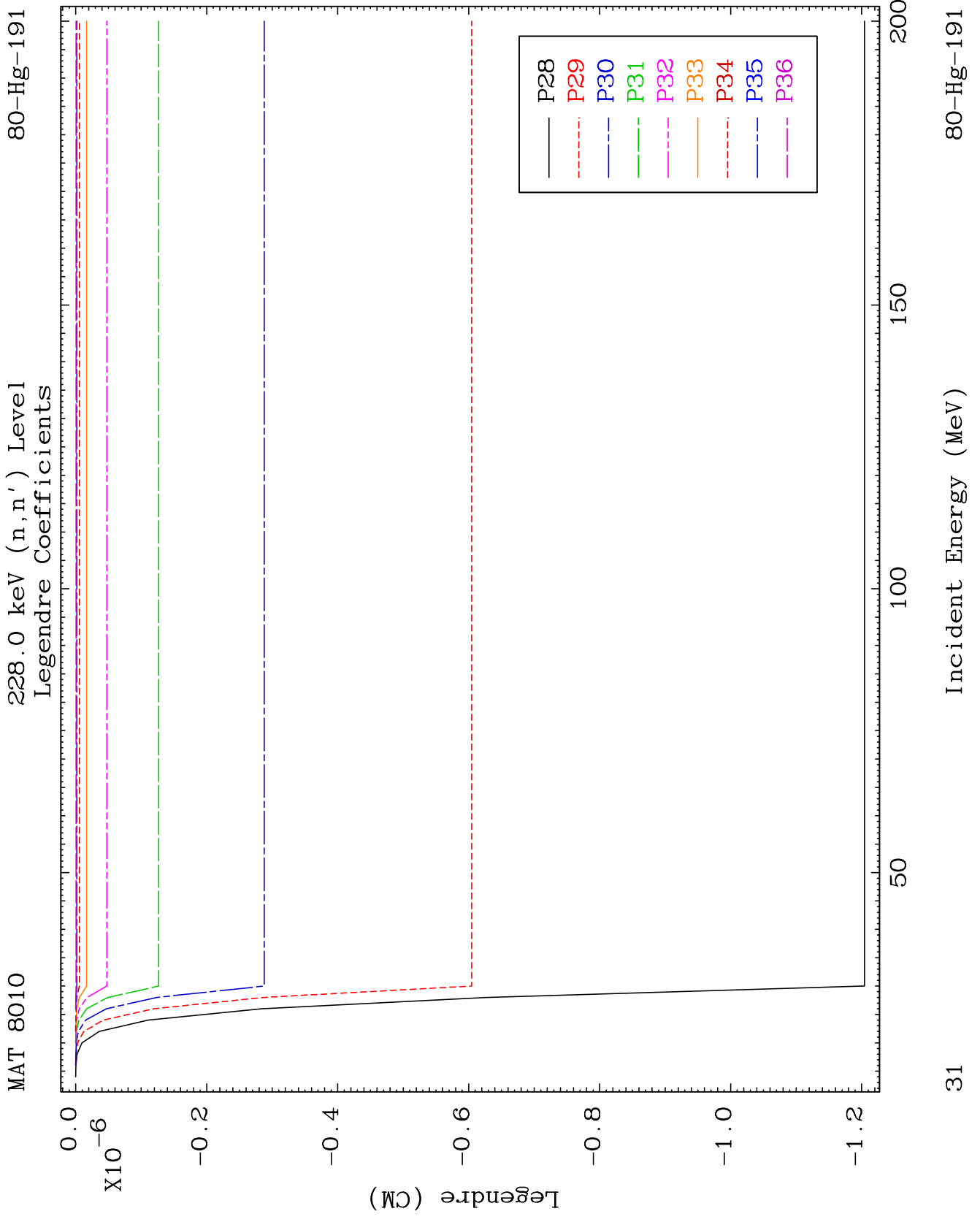
26

Incident Energy (MeV)

80-Hg-191



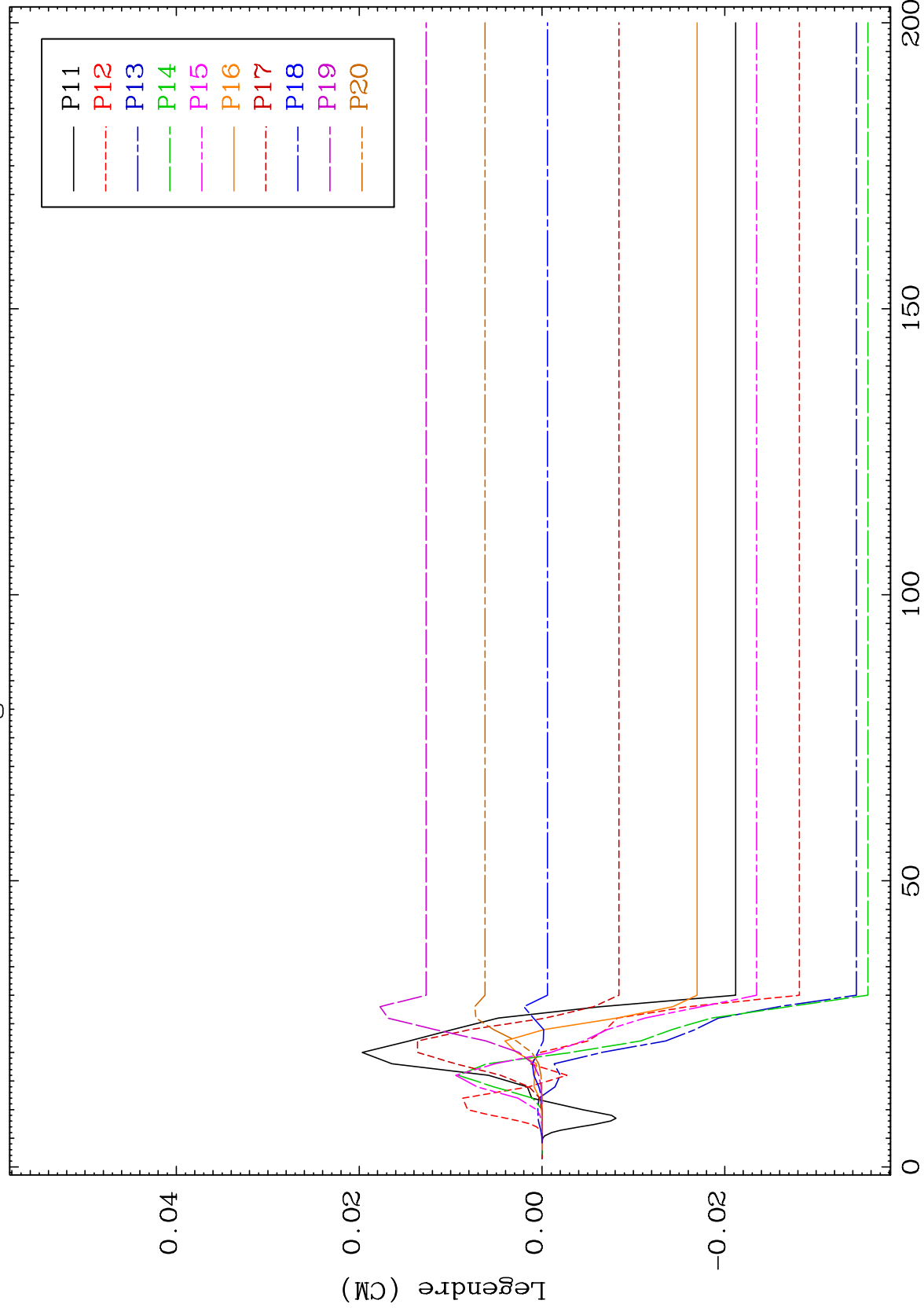




MAT 8010

336.3 keV (n, n') Level
Legendre Coefficients

80-Hg-191



33

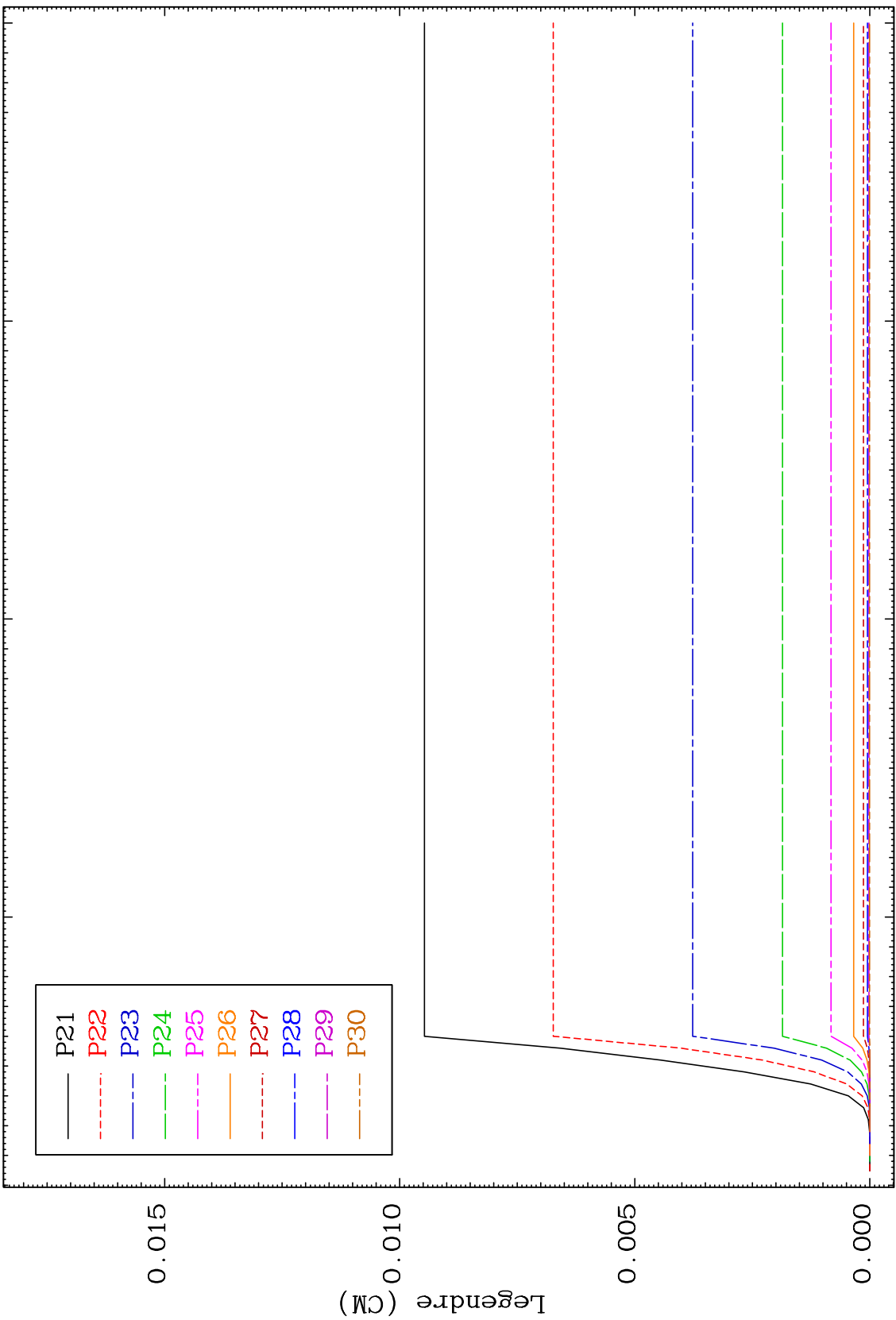
Incident Energy (MeV)

80-Hg-191

MAT 8010

336.3 keV (n,n') Level
Legendre Coefficients

80-Hg-191



200

150

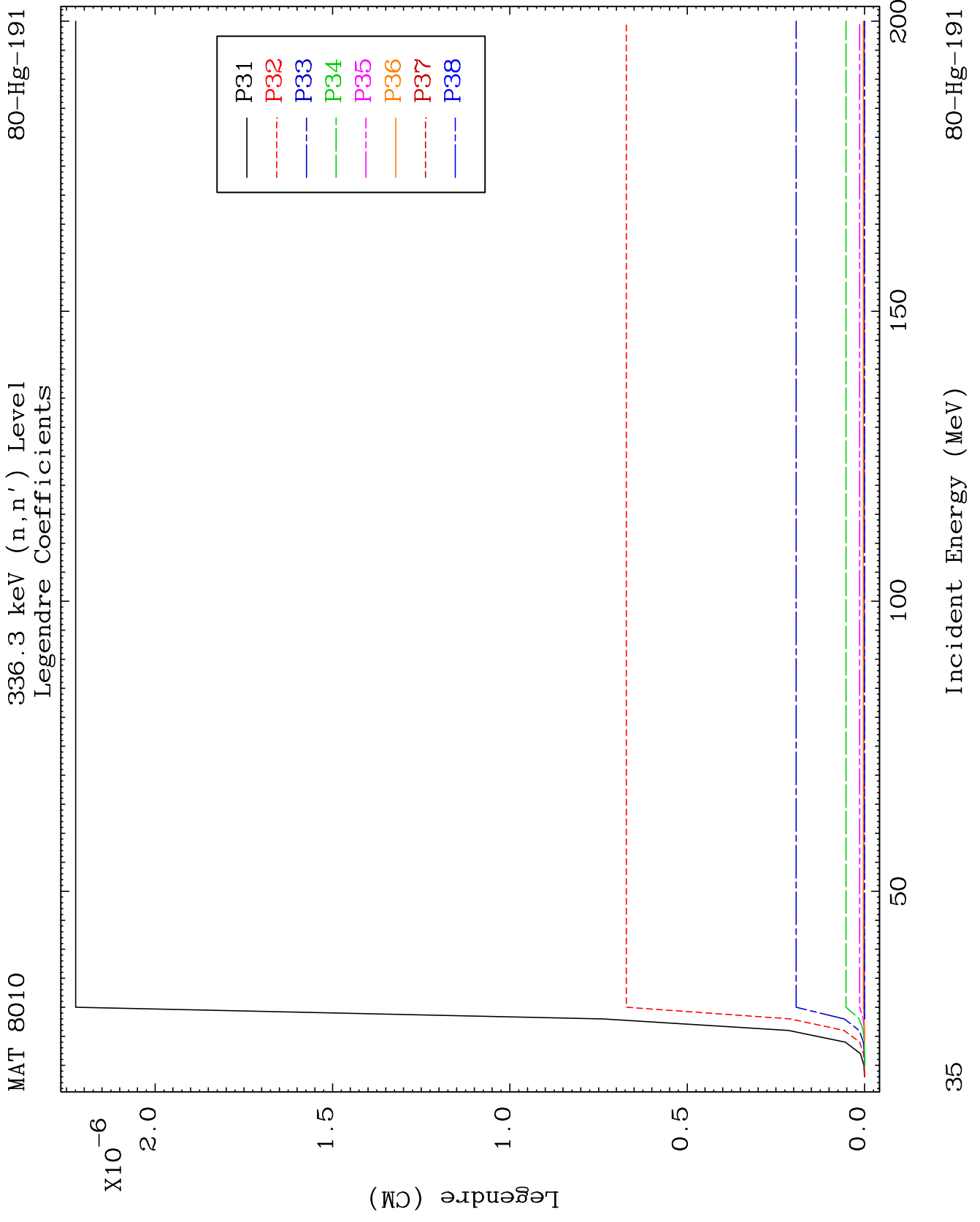
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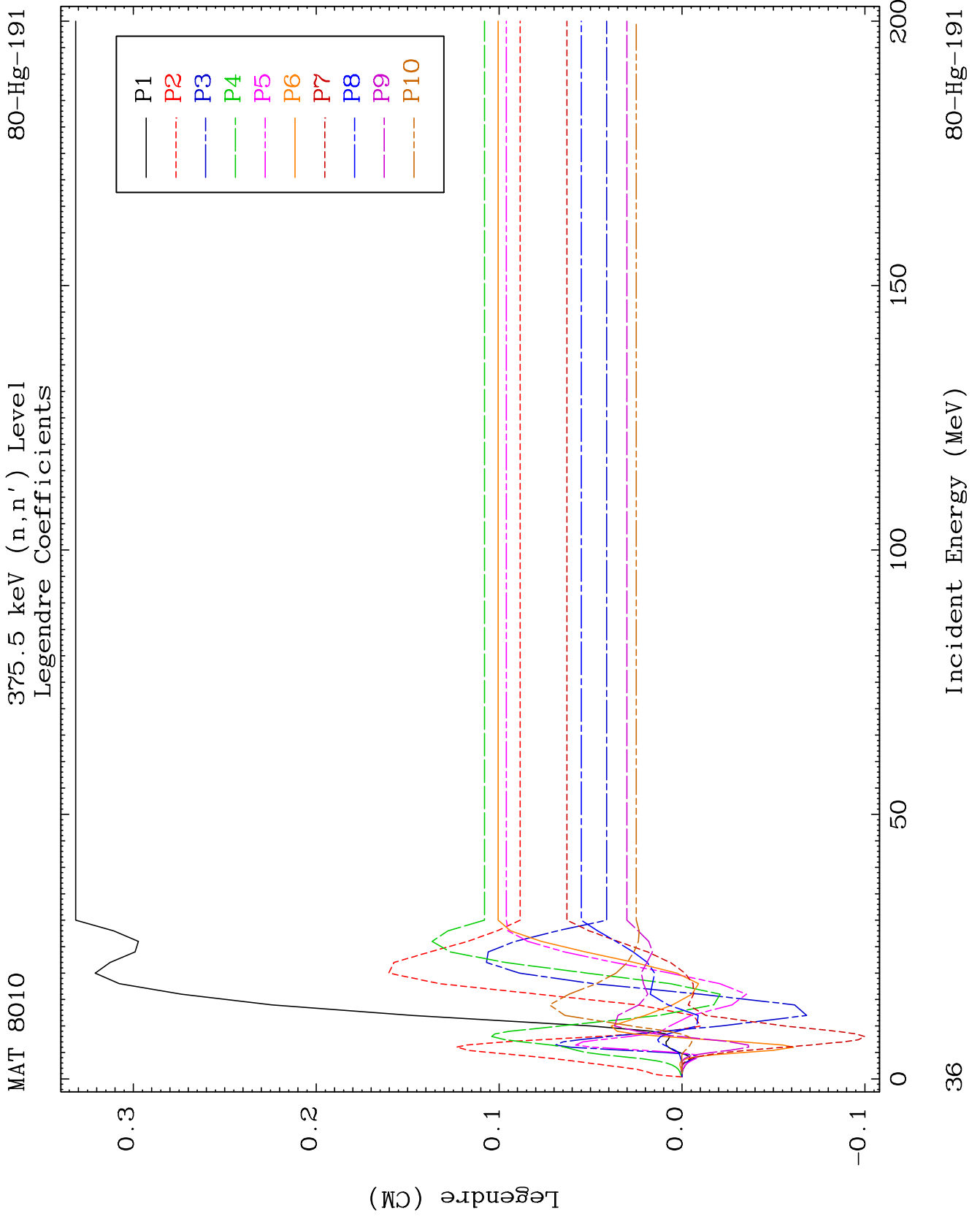
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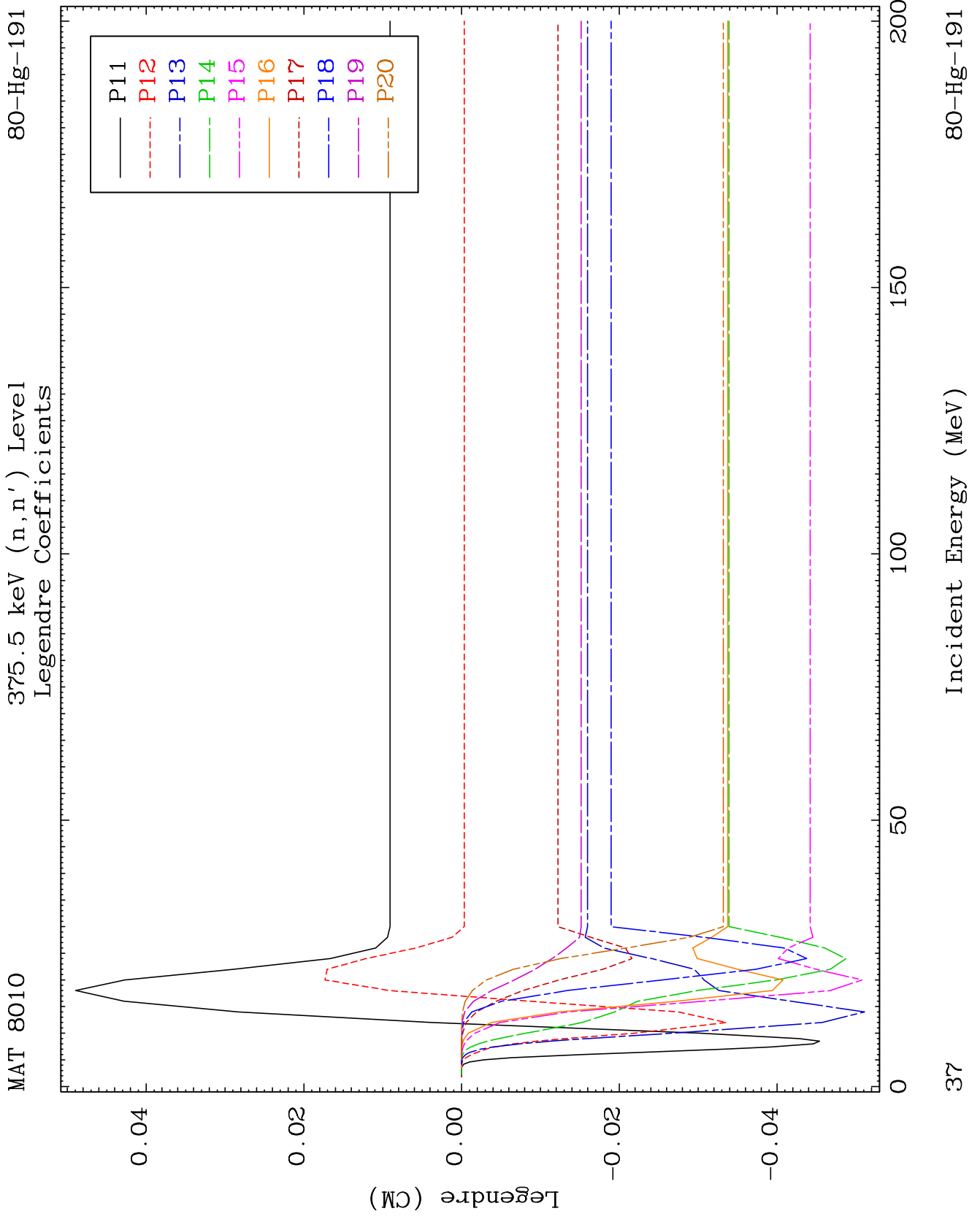
Incident Energy (MeV)

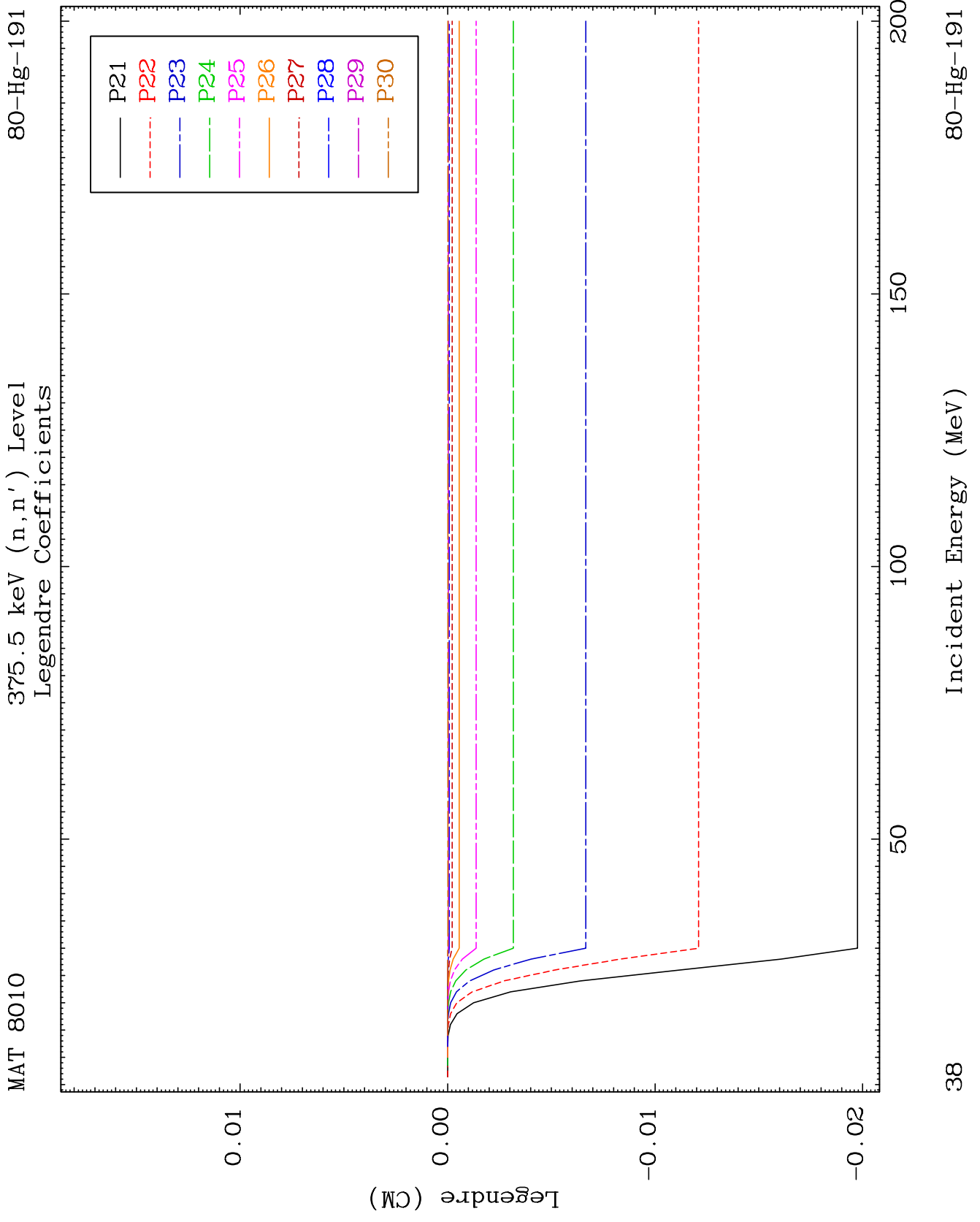
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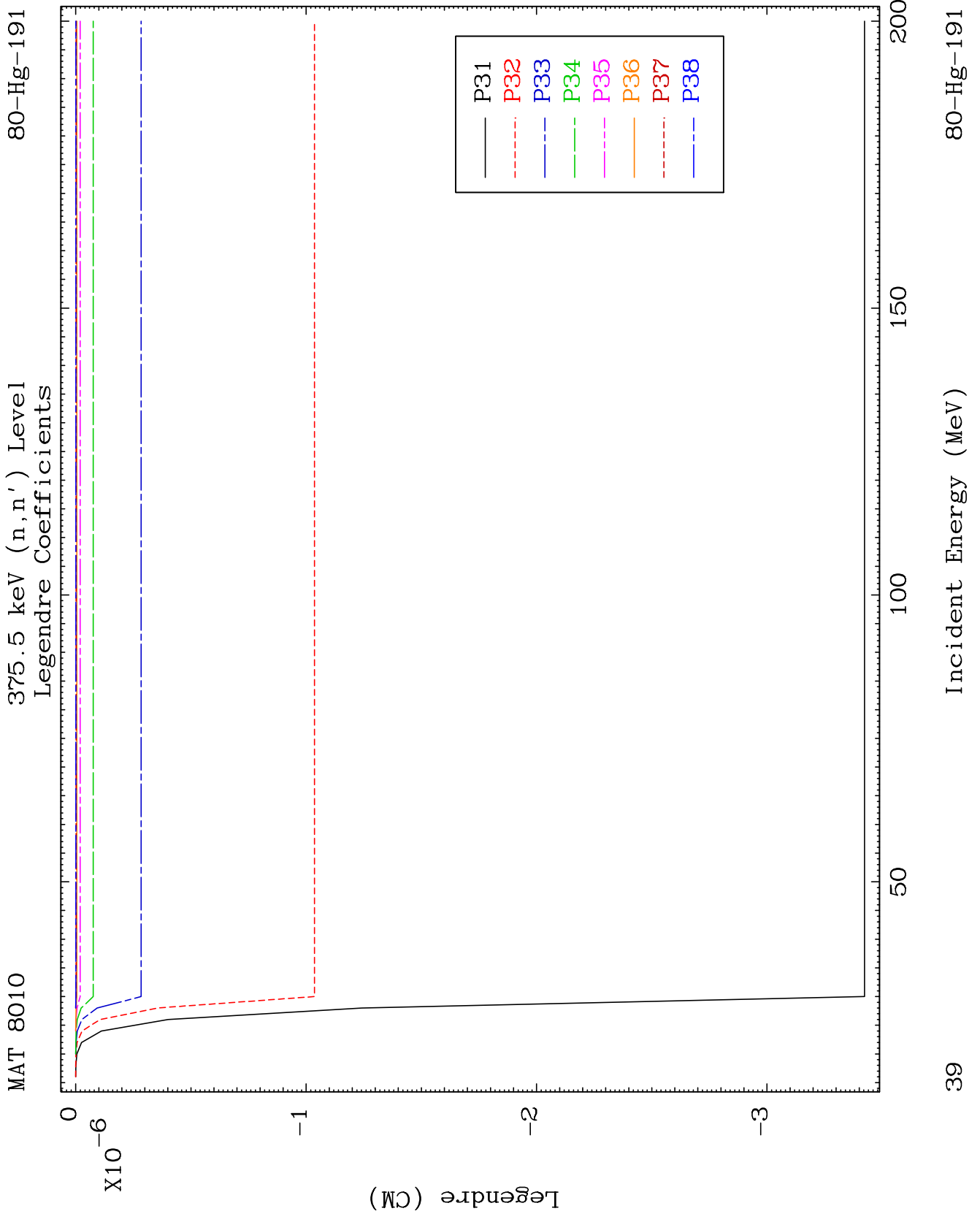
34

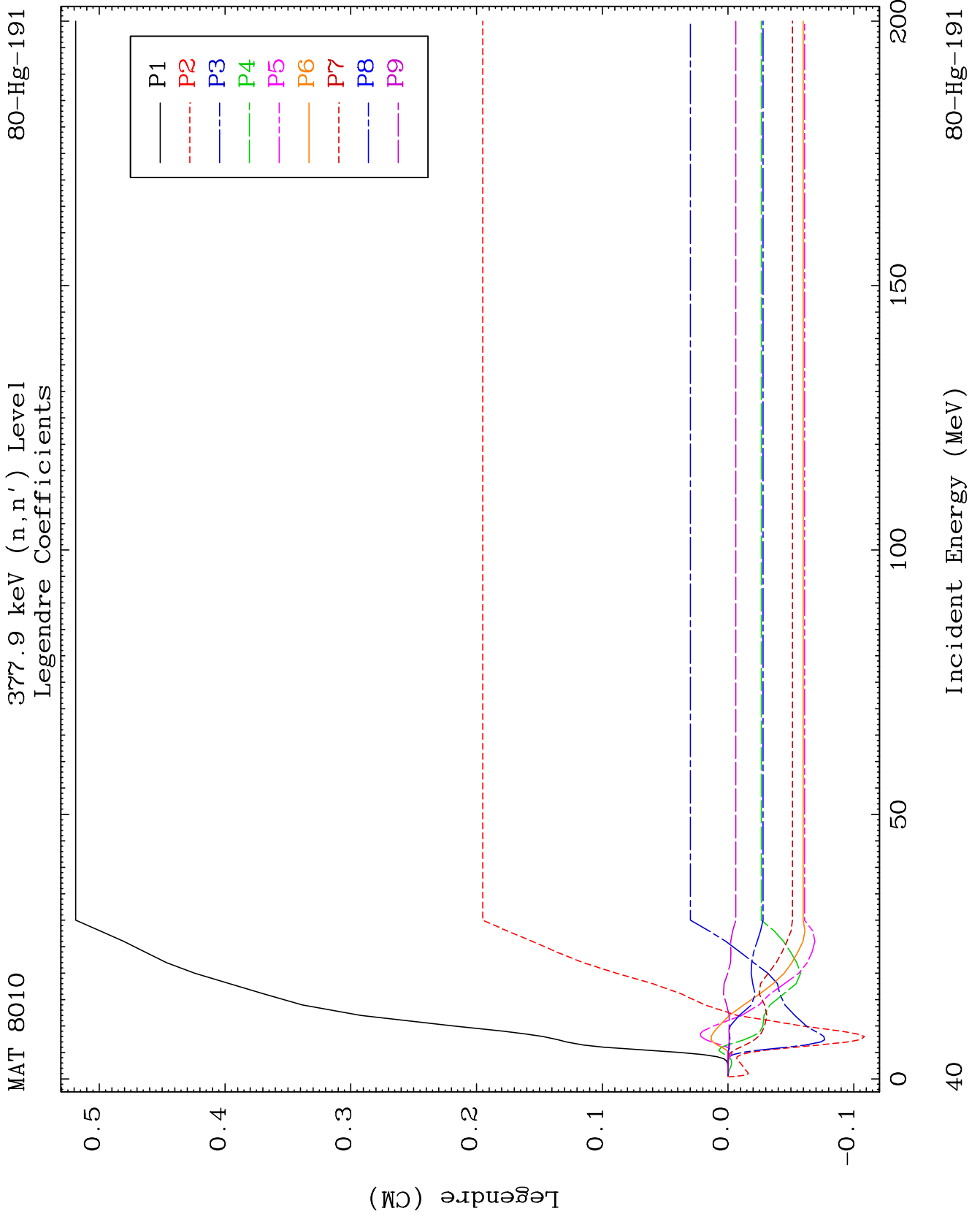


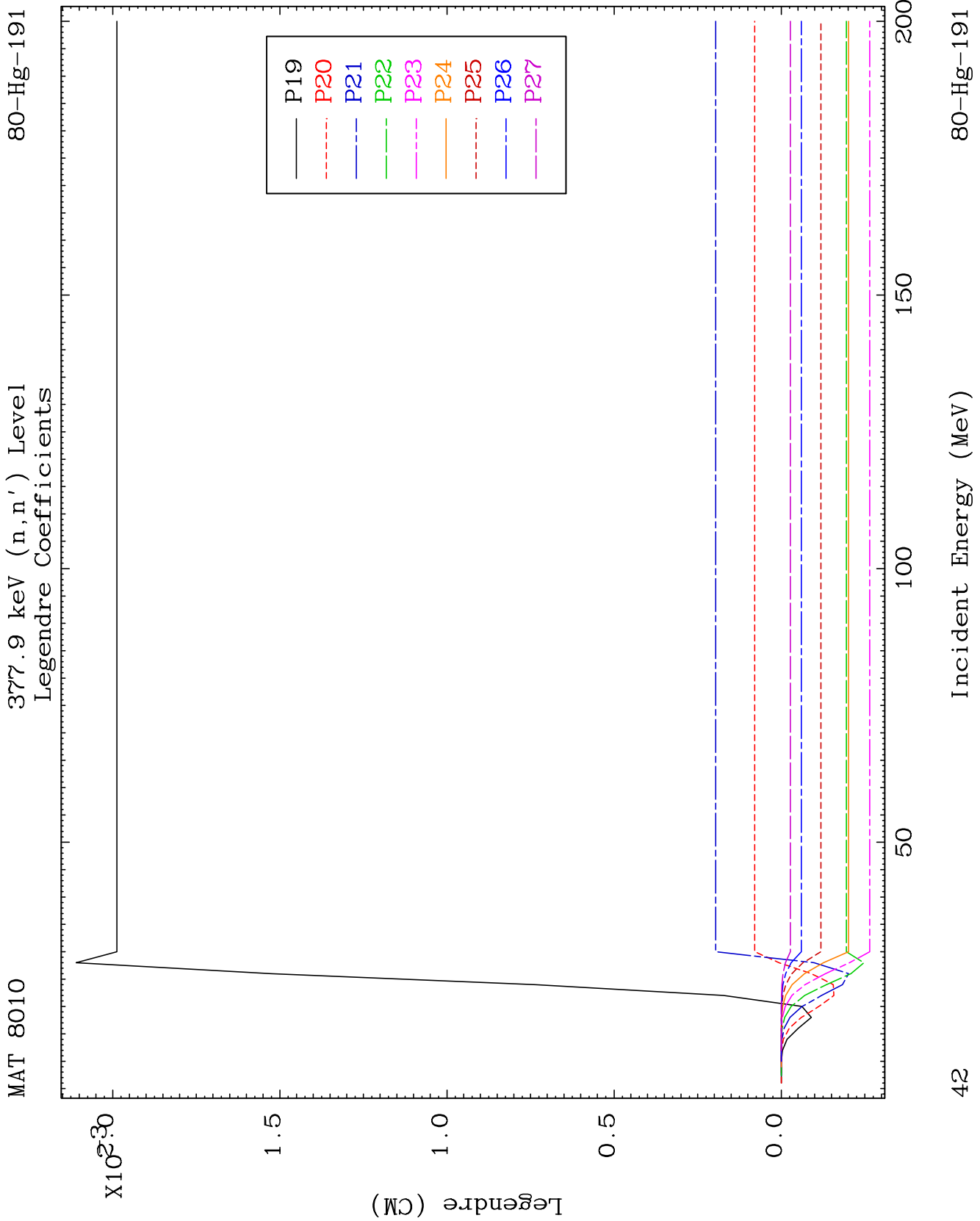


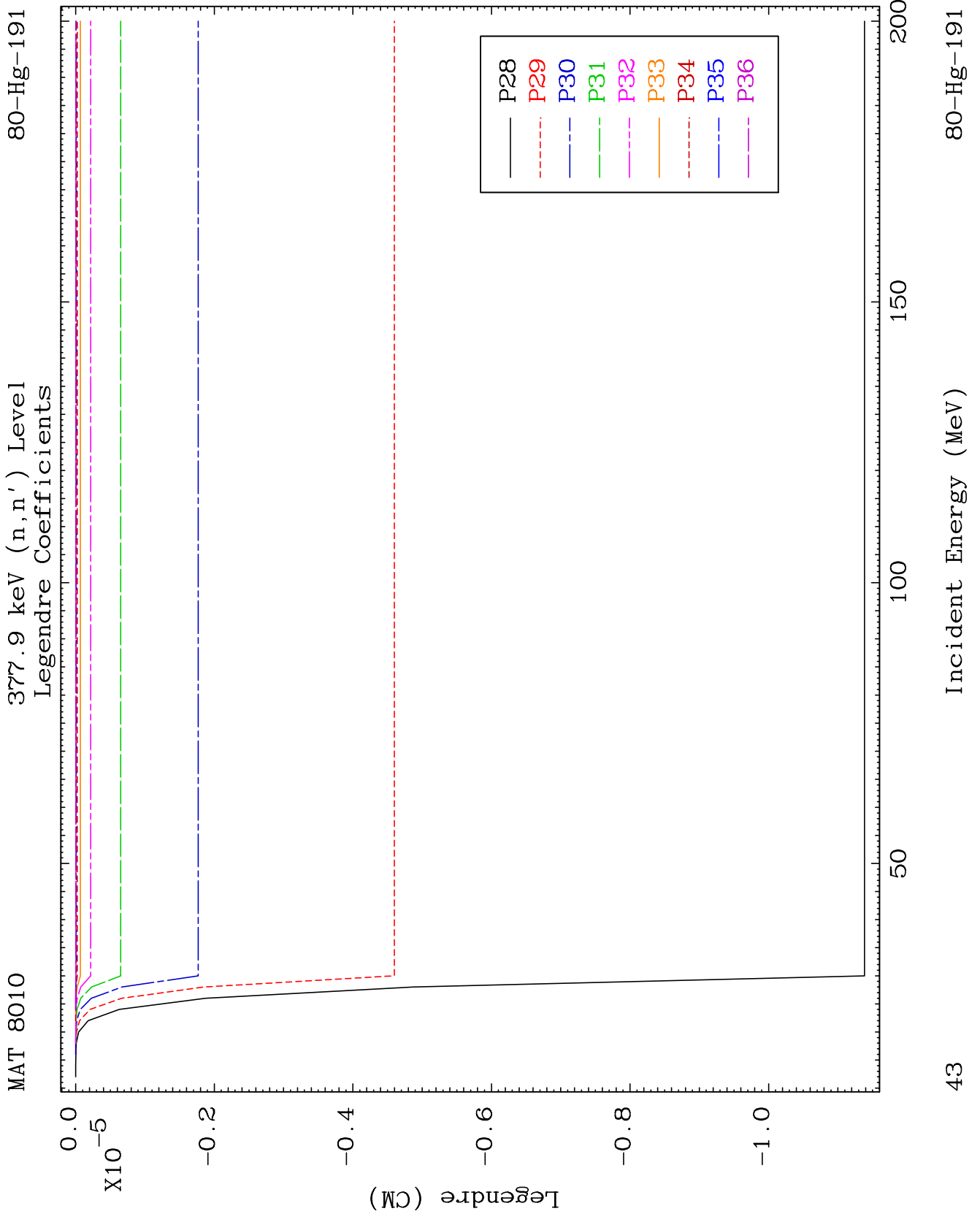








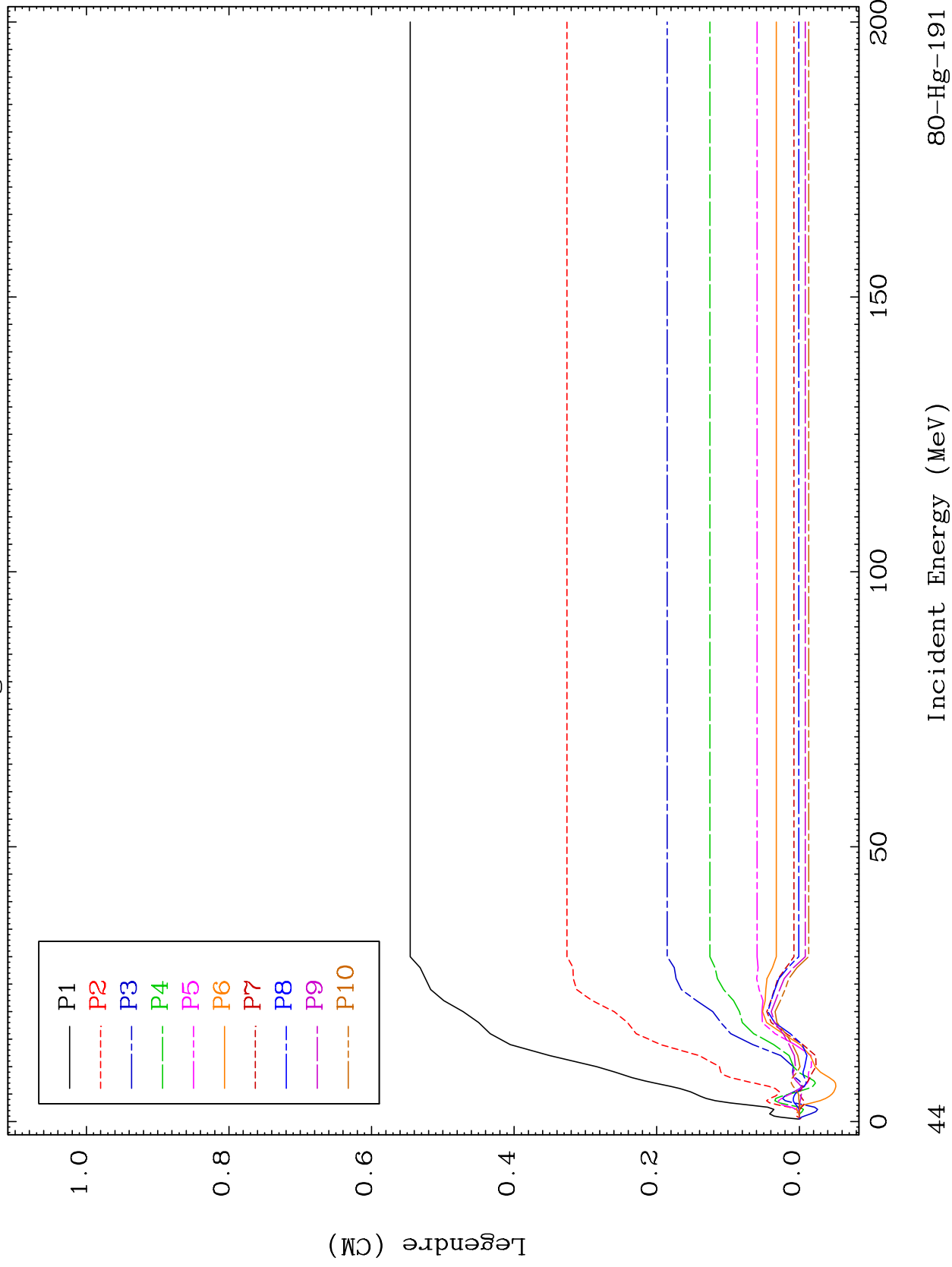




MAT 8010

430.4 keV (n, n') Level
Legendre Coefficients

80-Hg-191



44

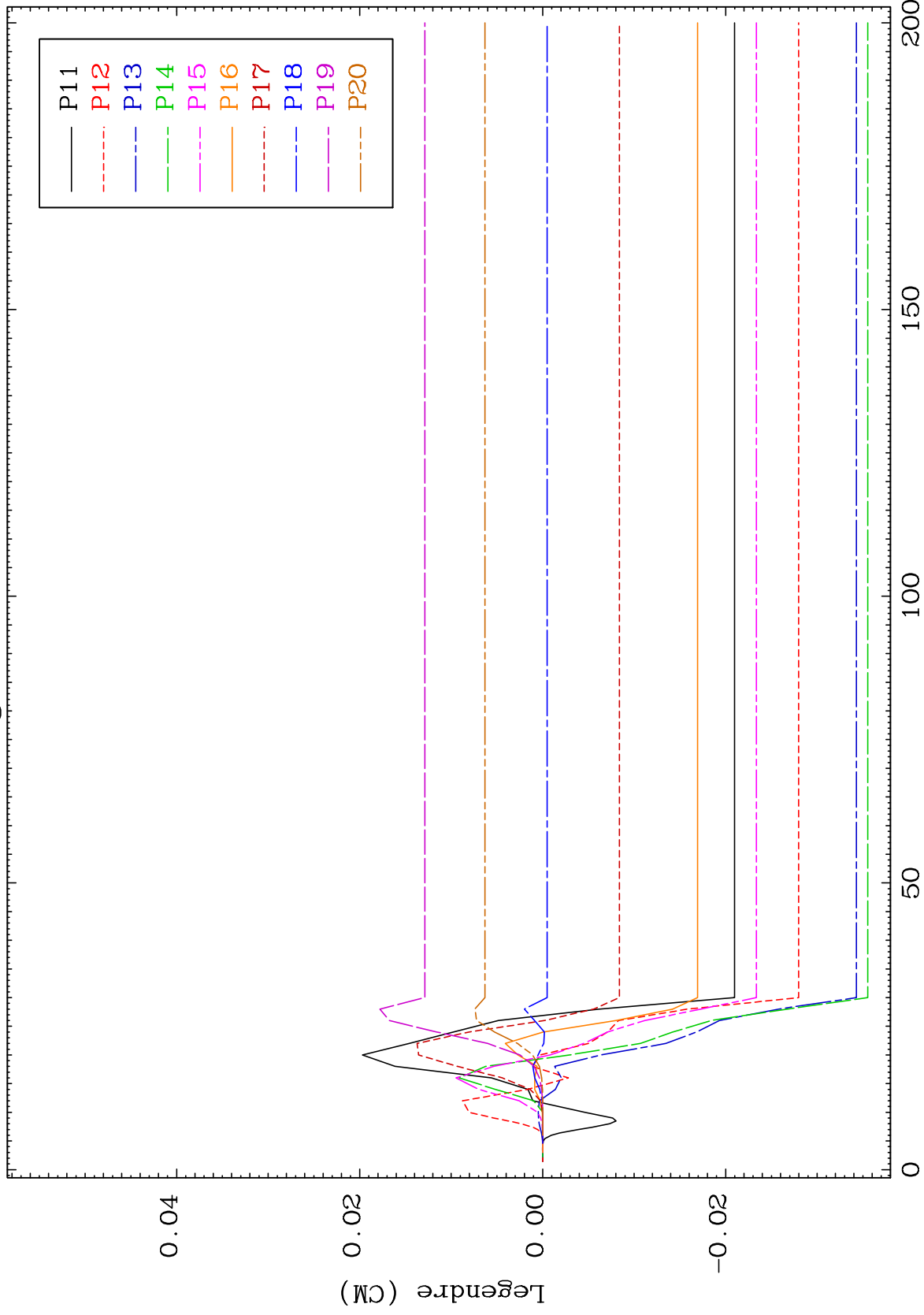
Incident Energy (MeV)

80-Hg-191

MAT 8010

430.4 keV (n,n') Level
Legendre Coefficients

80-Hg-191



45

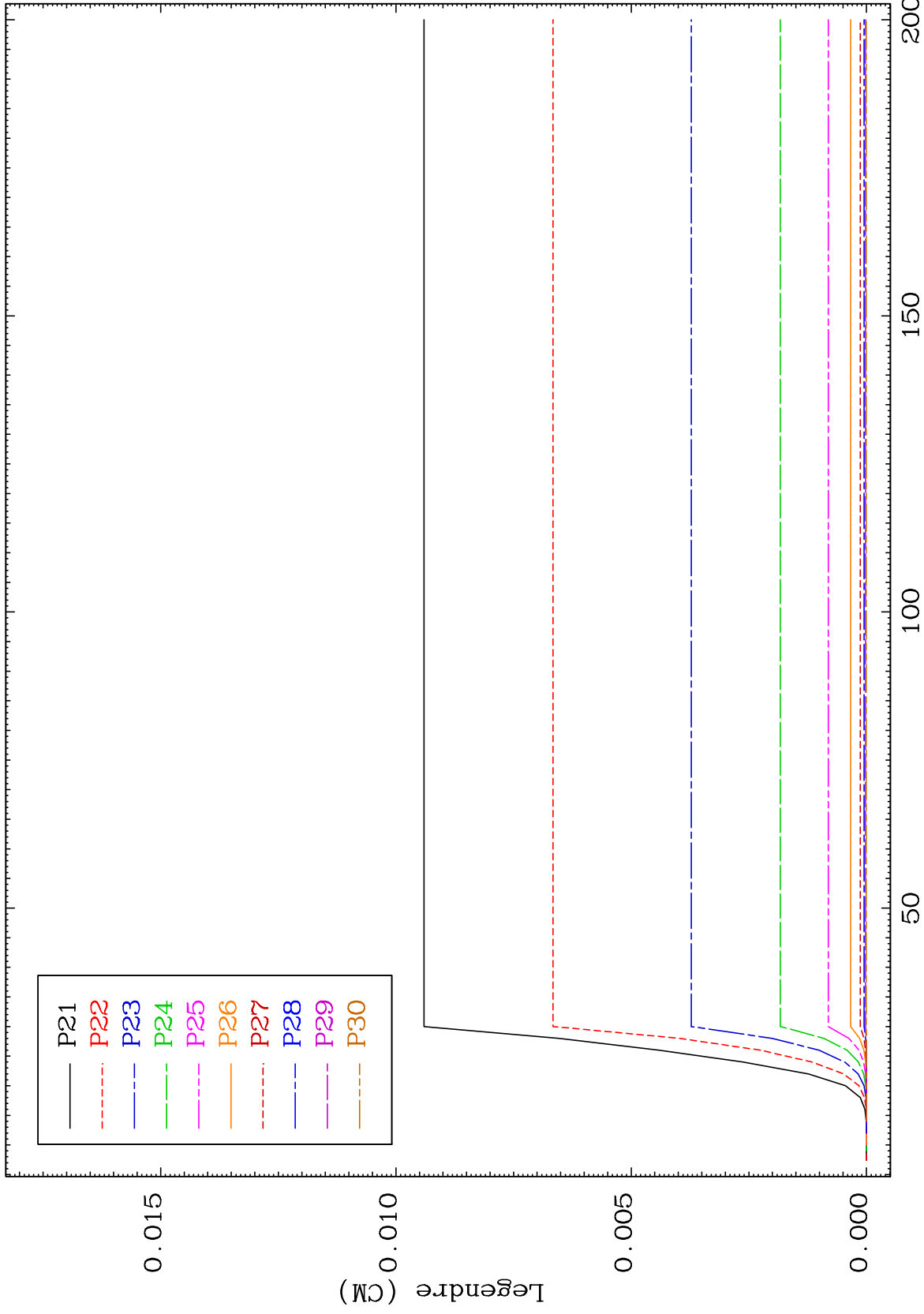
Incident Energy (MeV)

80-Hg-191

MAT 8010

430.4 keV (n,n') Level
Legendre Coefficients

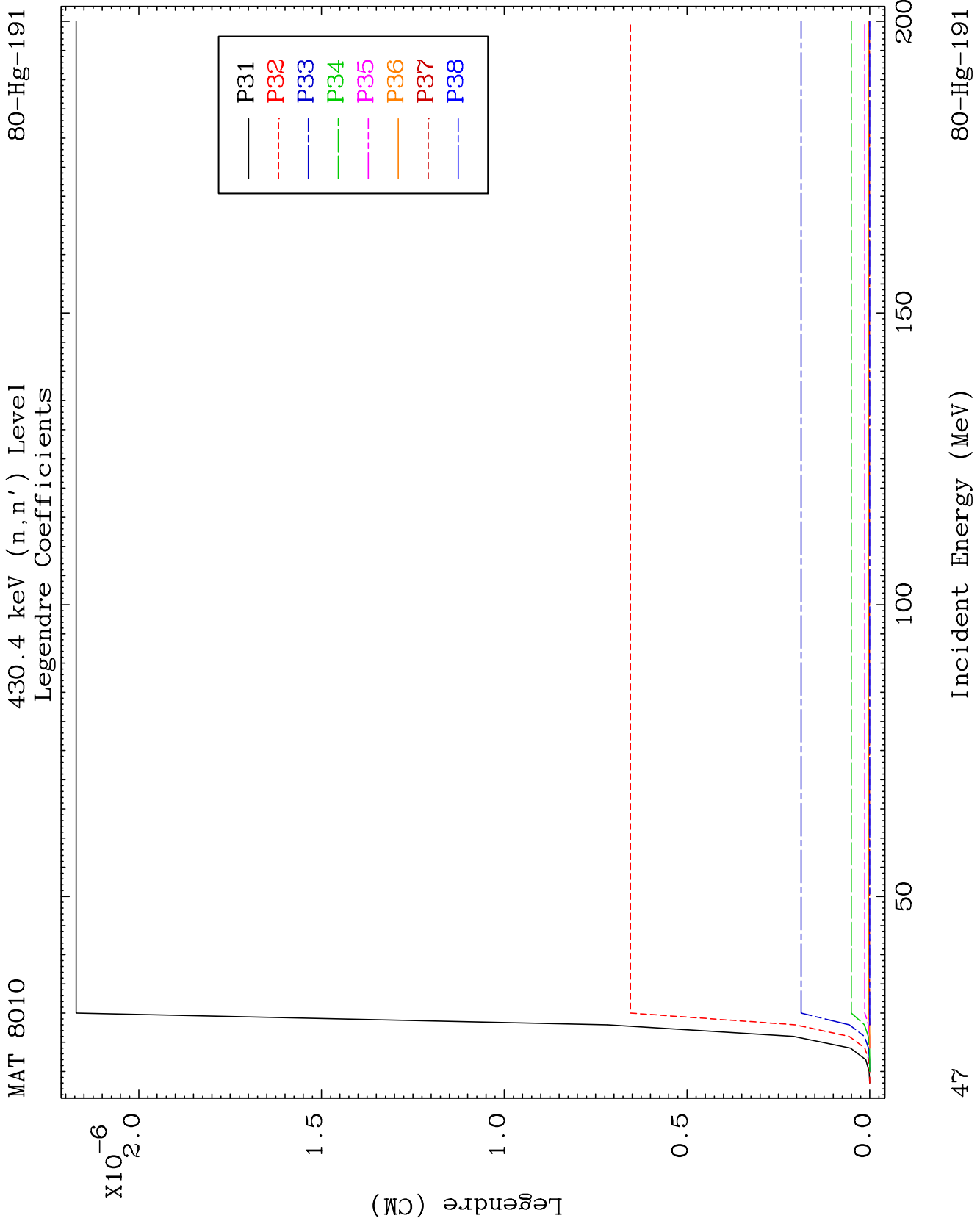
80-Hg-191



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Incident Energy (MeV)

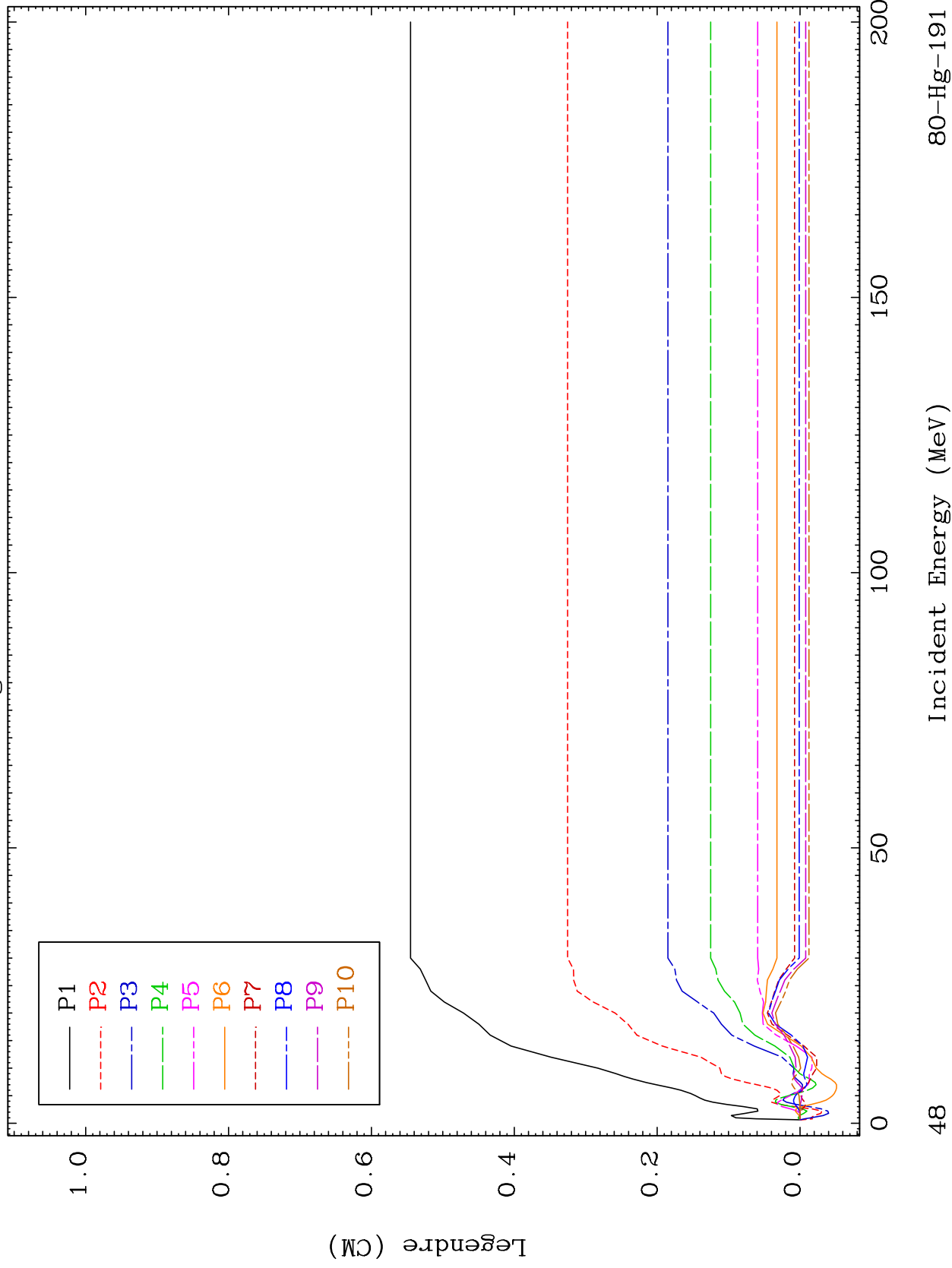
80-Hg-191



MAT 8010

563.5 keV (n, n') Level
Legendre Coefficients

80-Hg-191



80-Hg-191

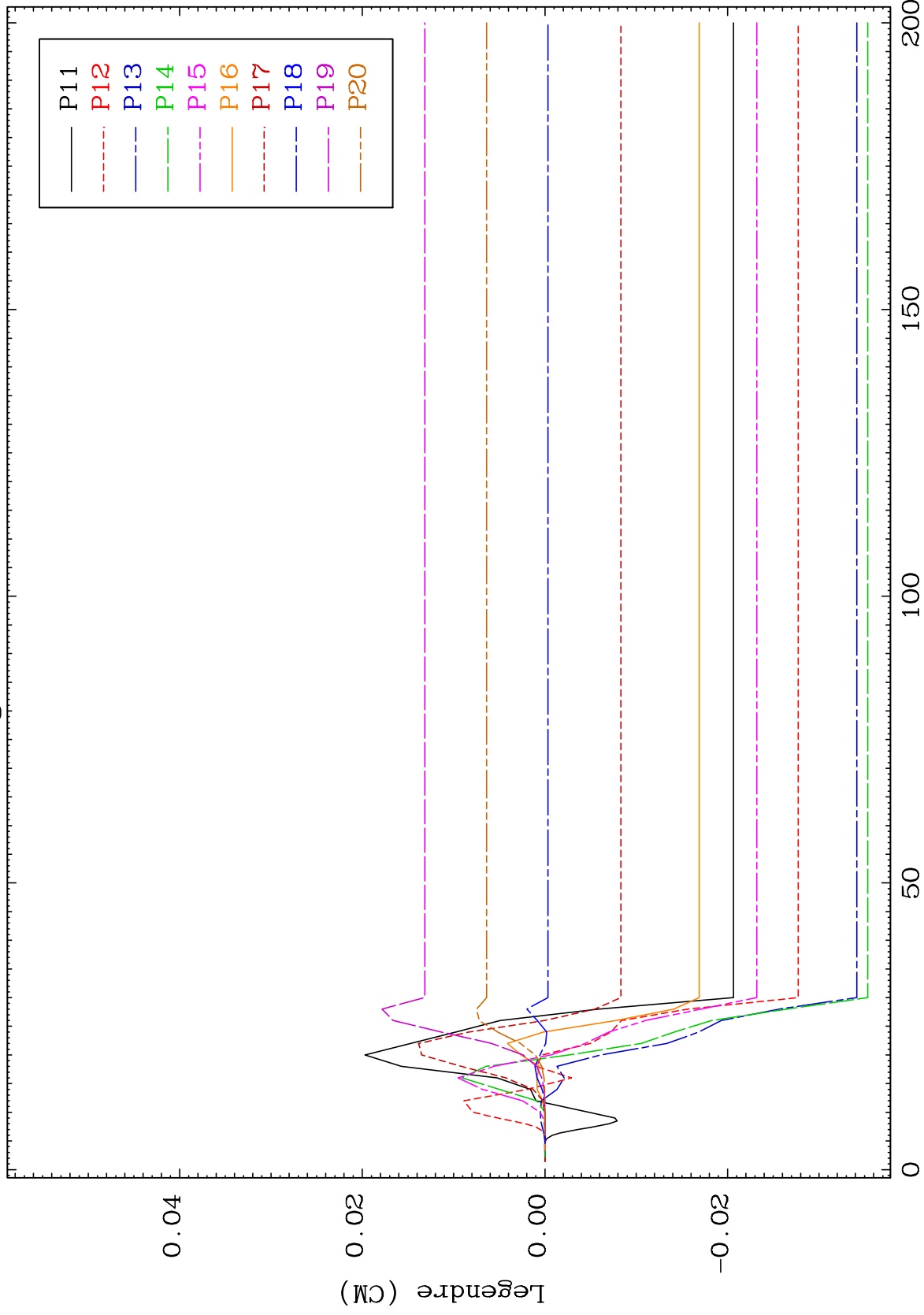
Incident Energy (MeV)

48

MAT 8010

563.5 keV (n,n') Level
Legendre Coefficients

80-Hg-191



49

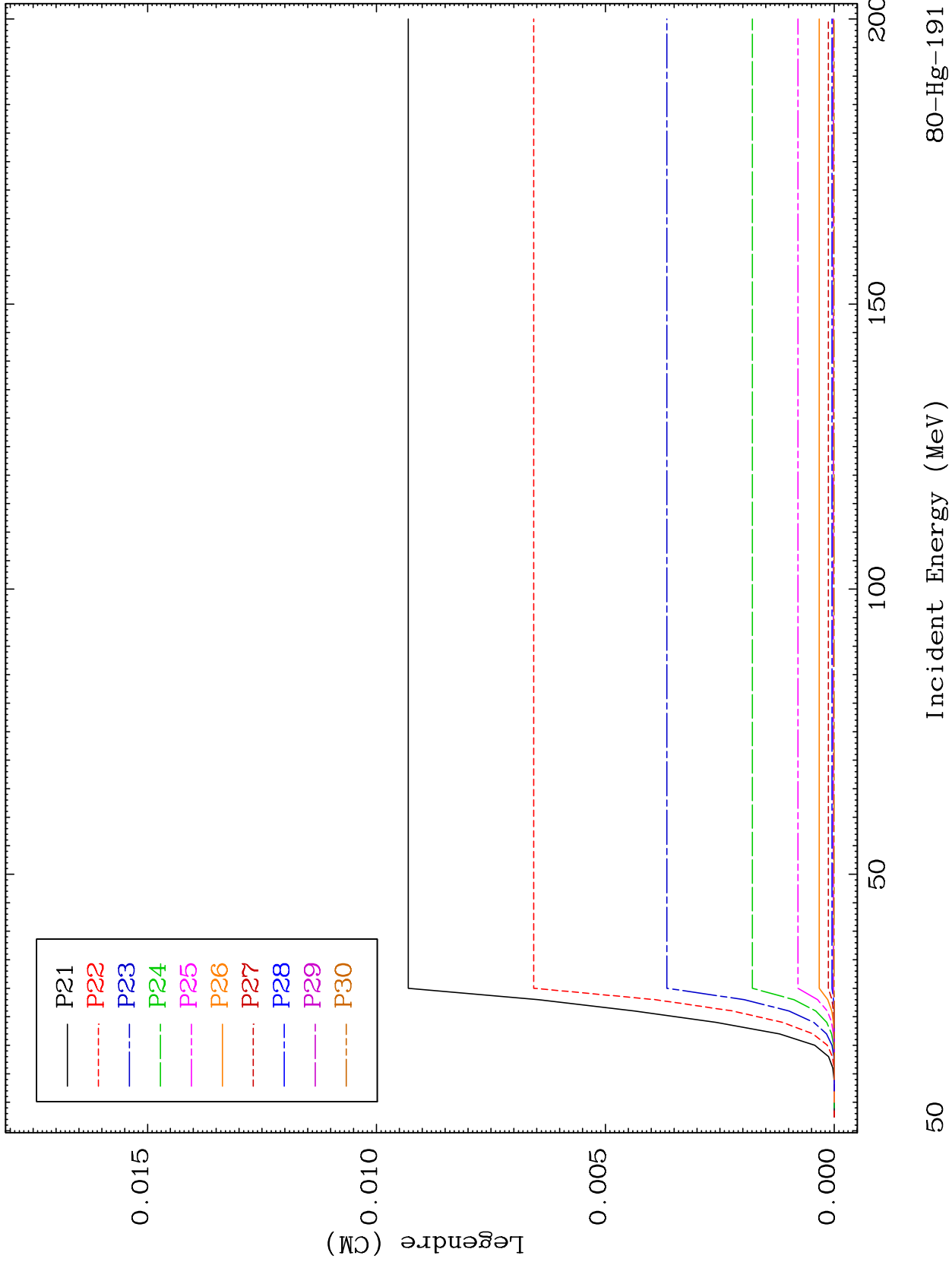
Incident Energy (MeV)

80-Hg-191

MAT 8010

563.5 keV (n,n') Level
Legendre Coefficients

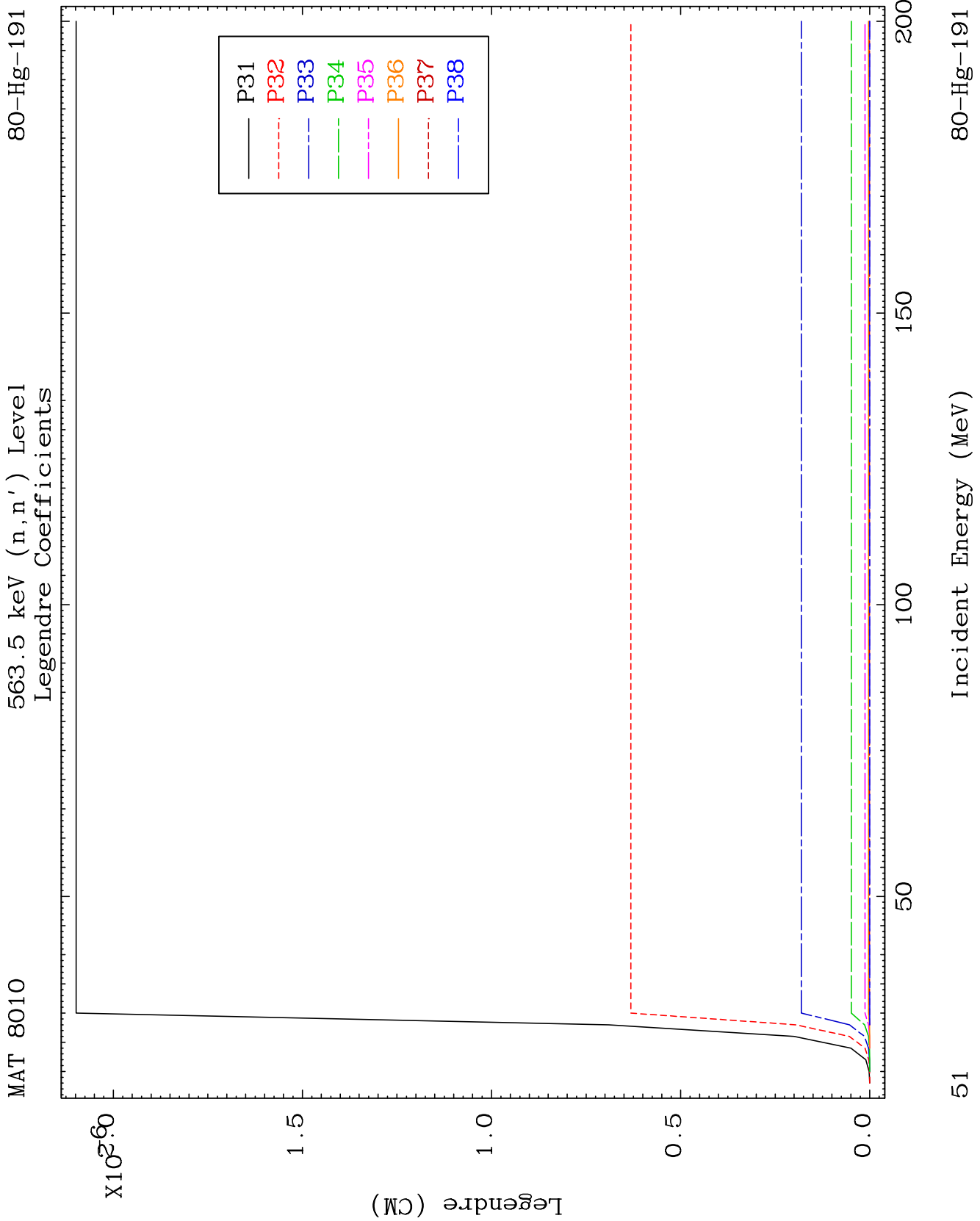
80-Hg-191

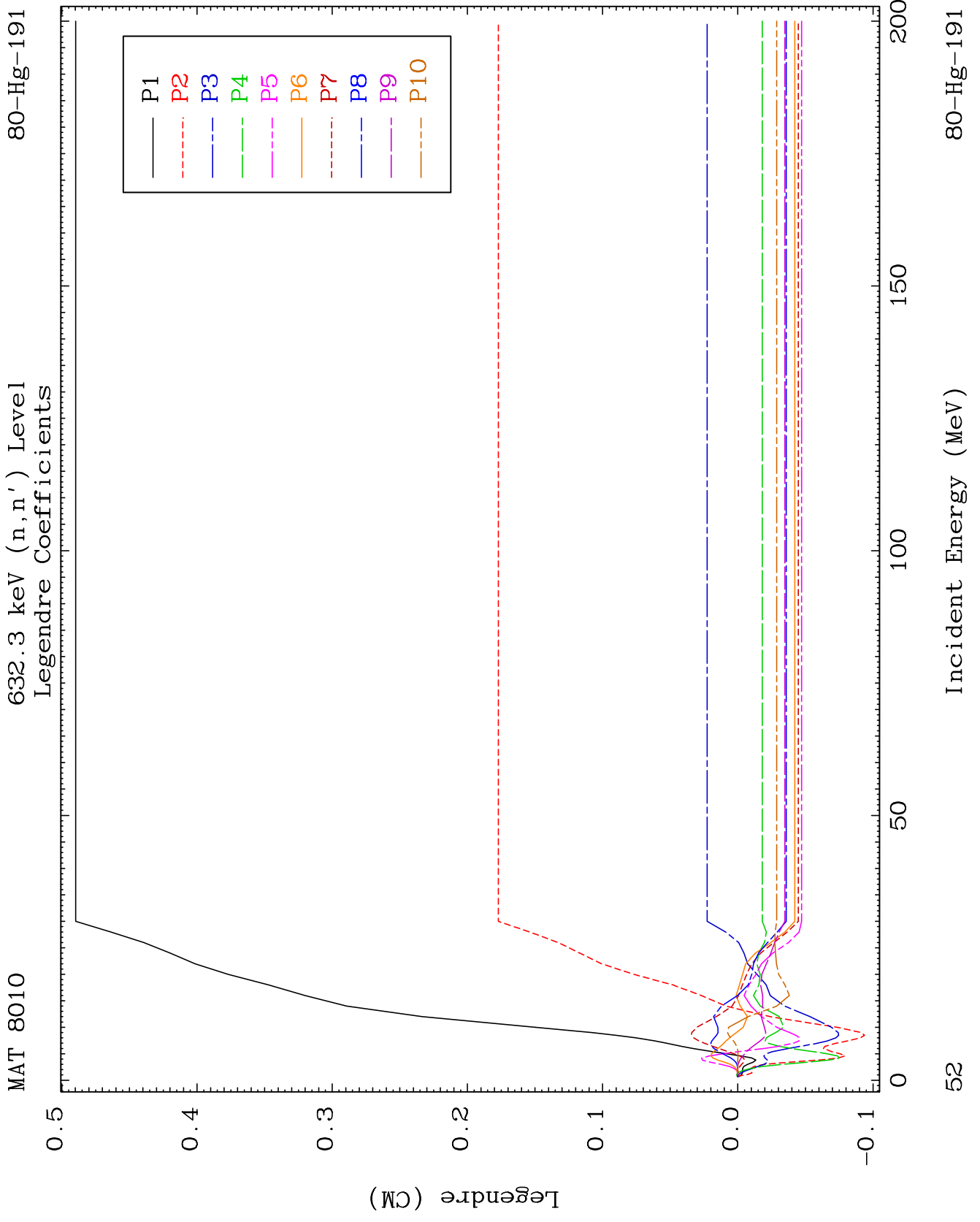


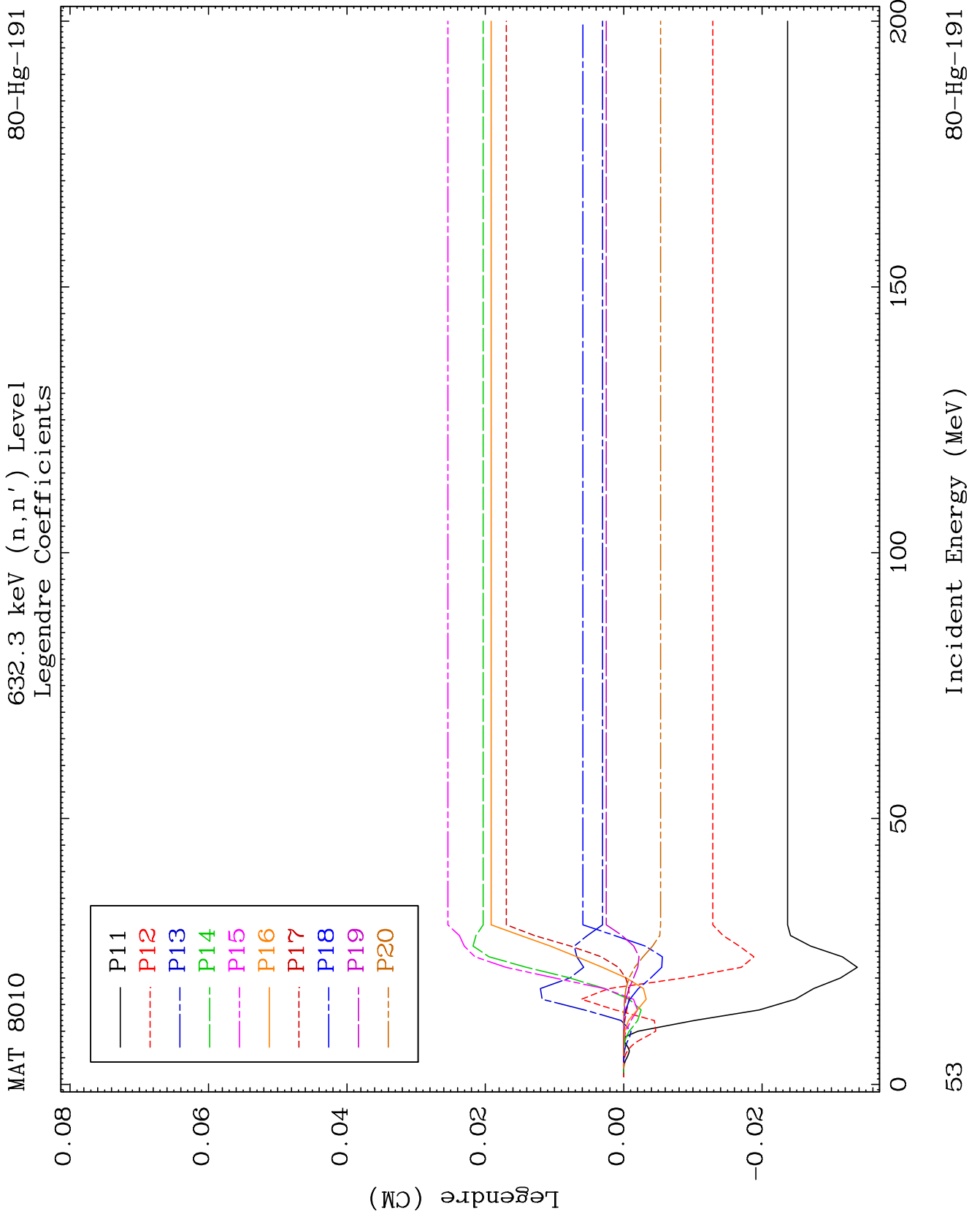
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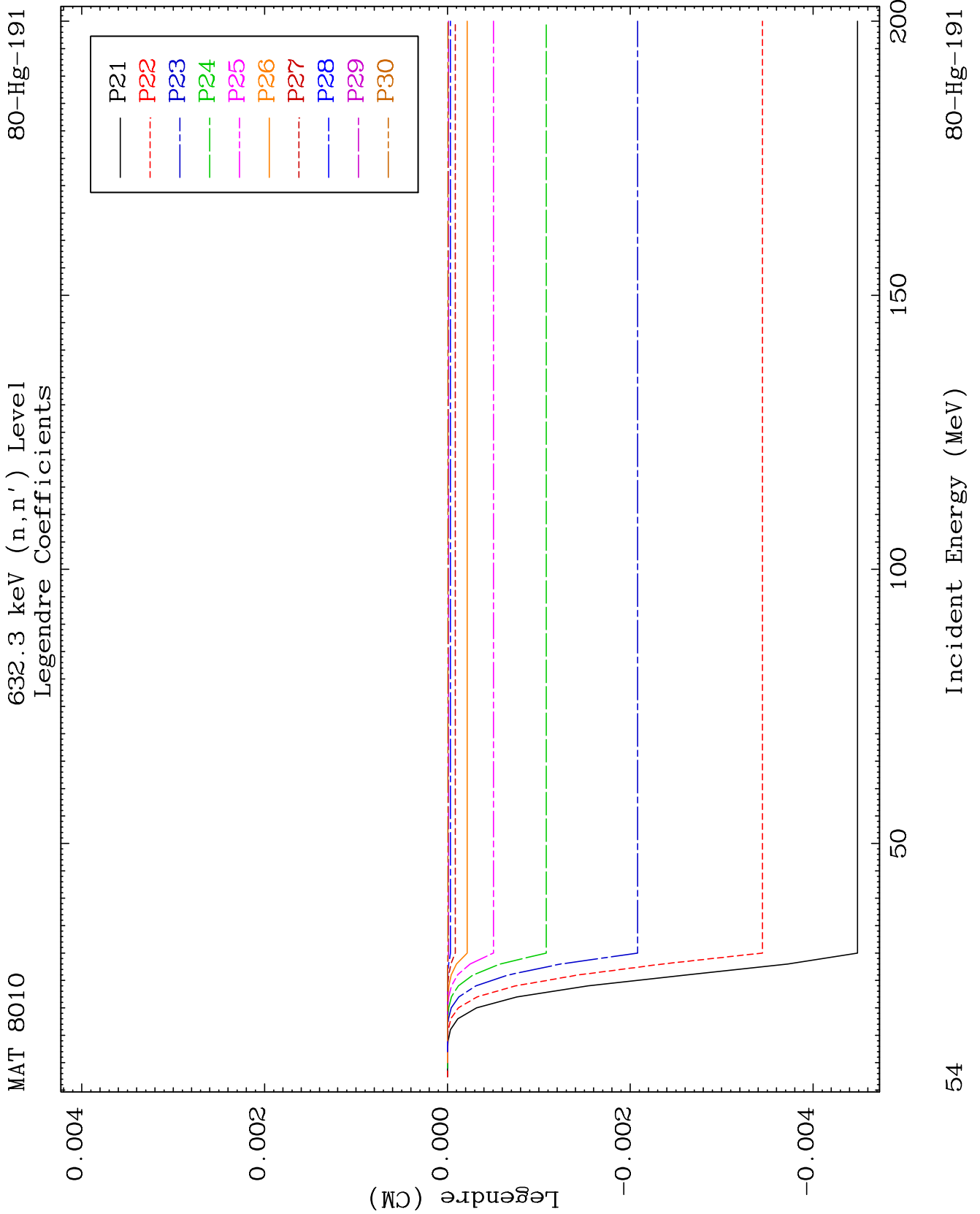
Incident Energy (MeV)

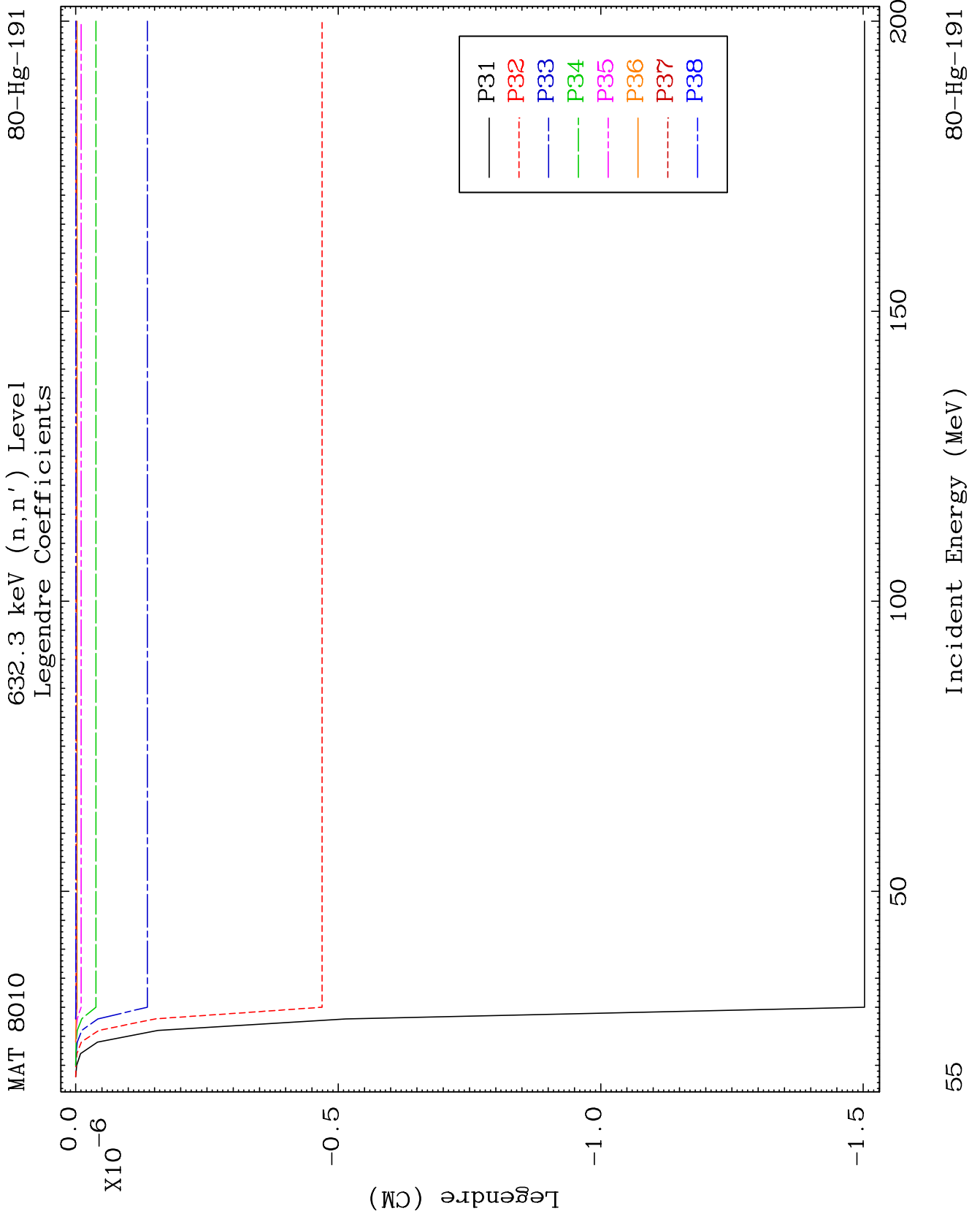
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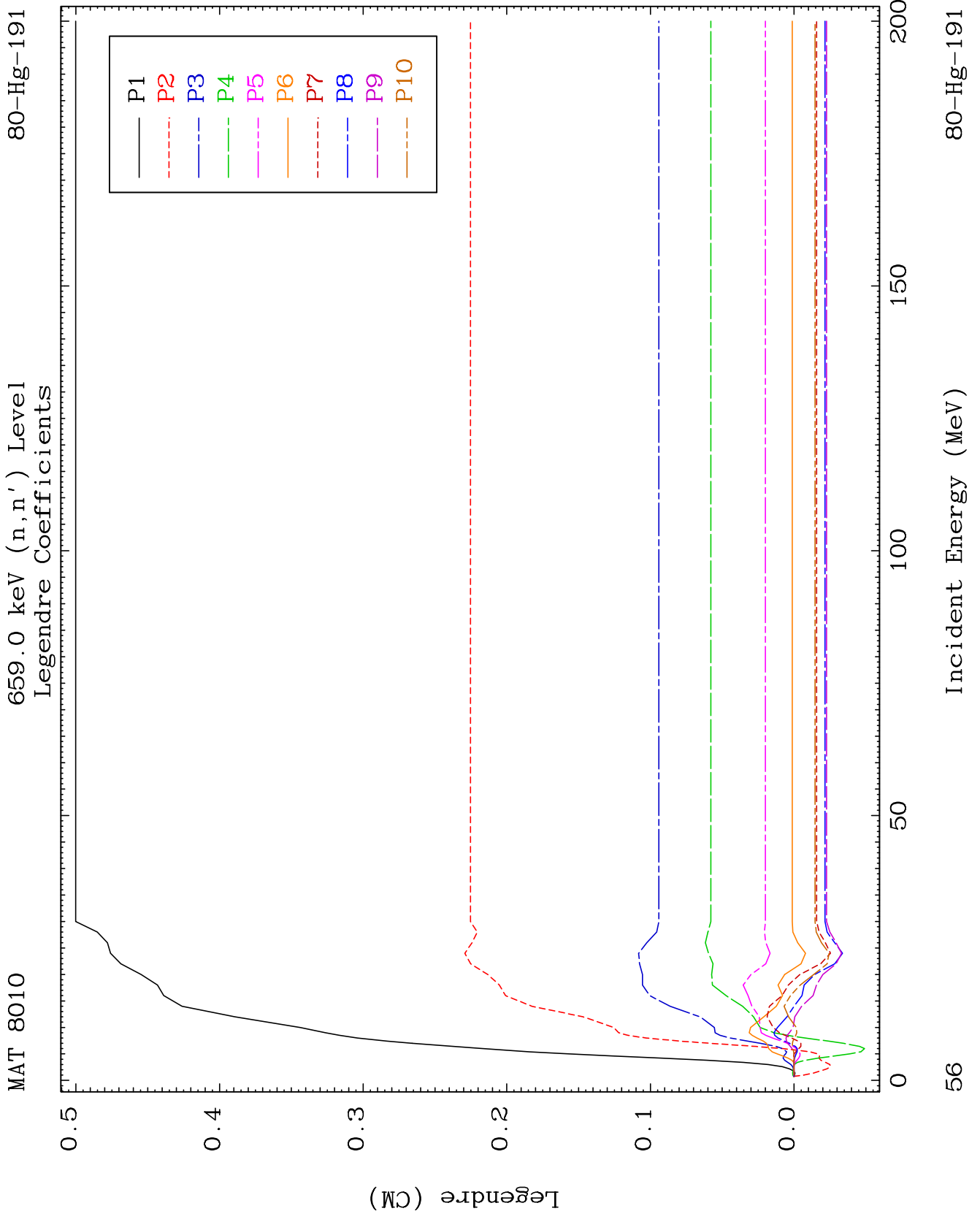


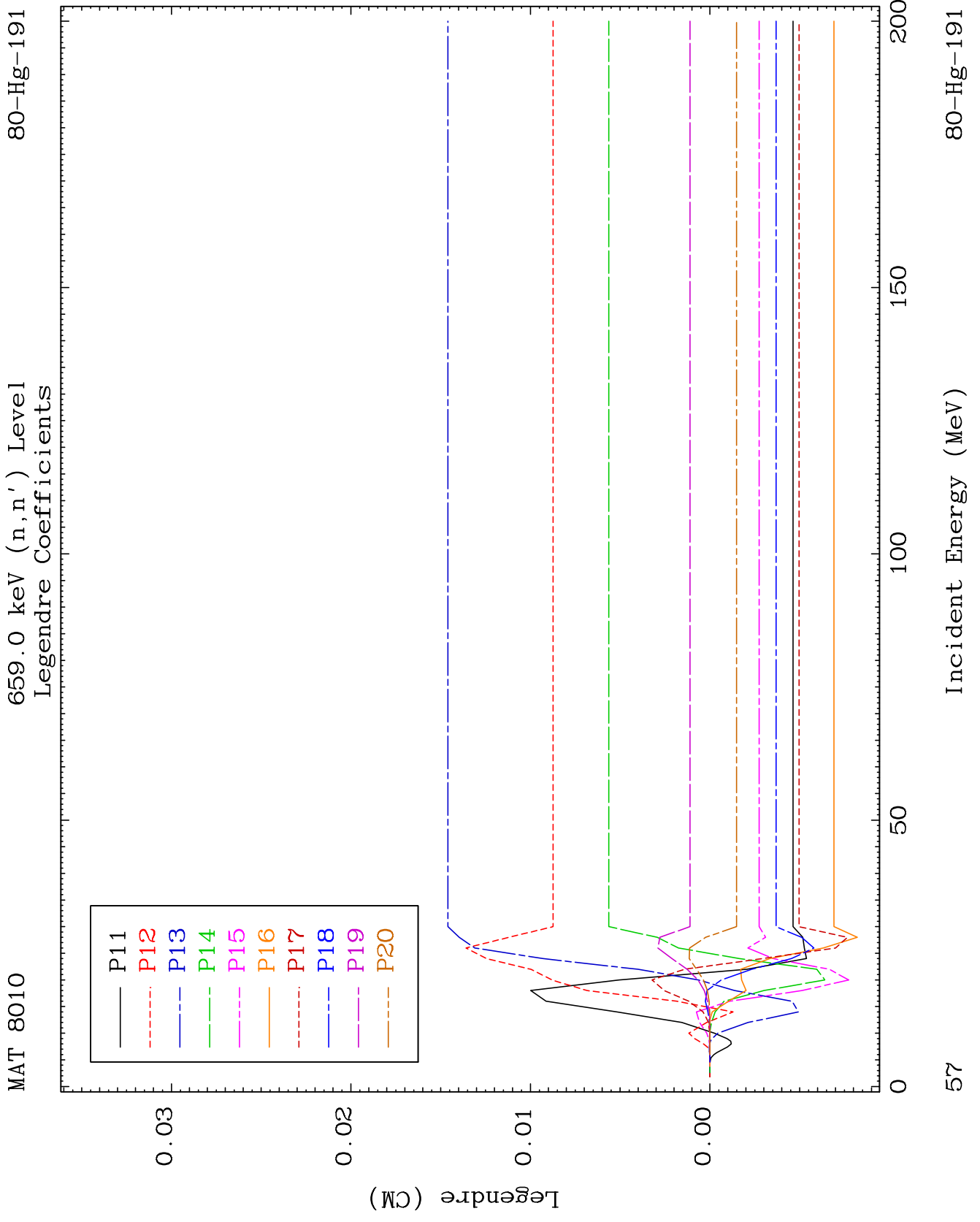








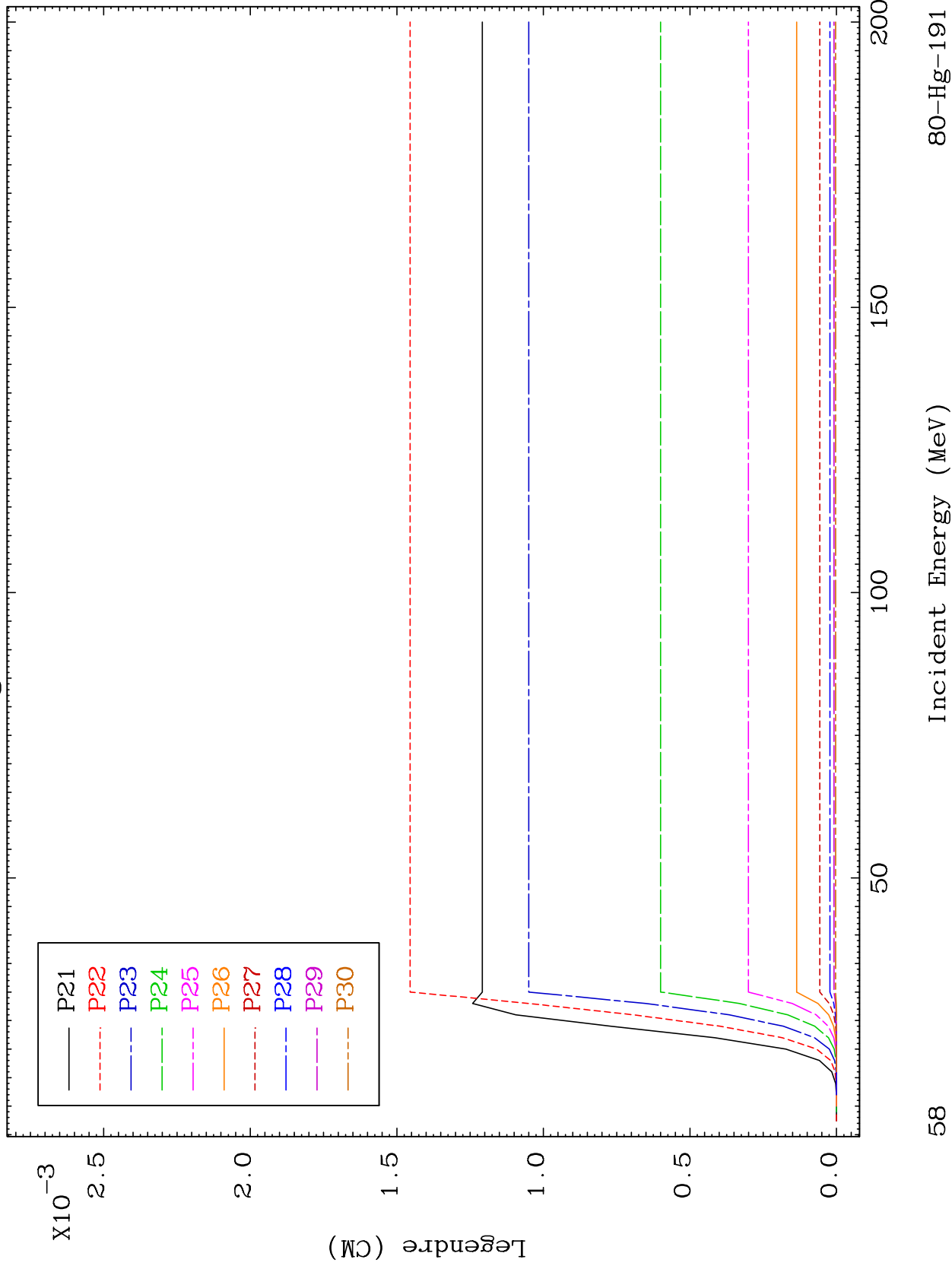




MAT 8010

659.0 keV (n,n') Level
Legendre Coefficients

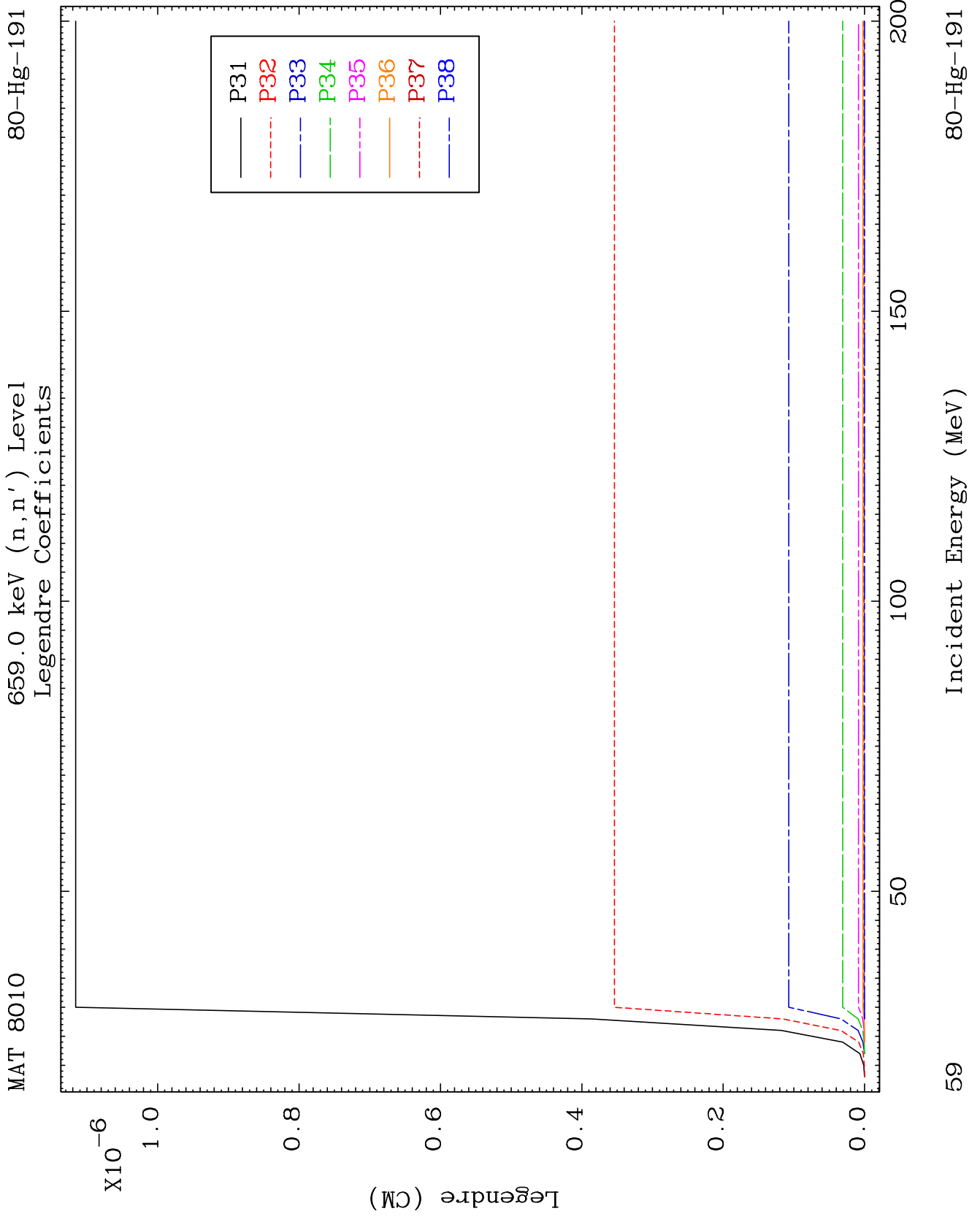
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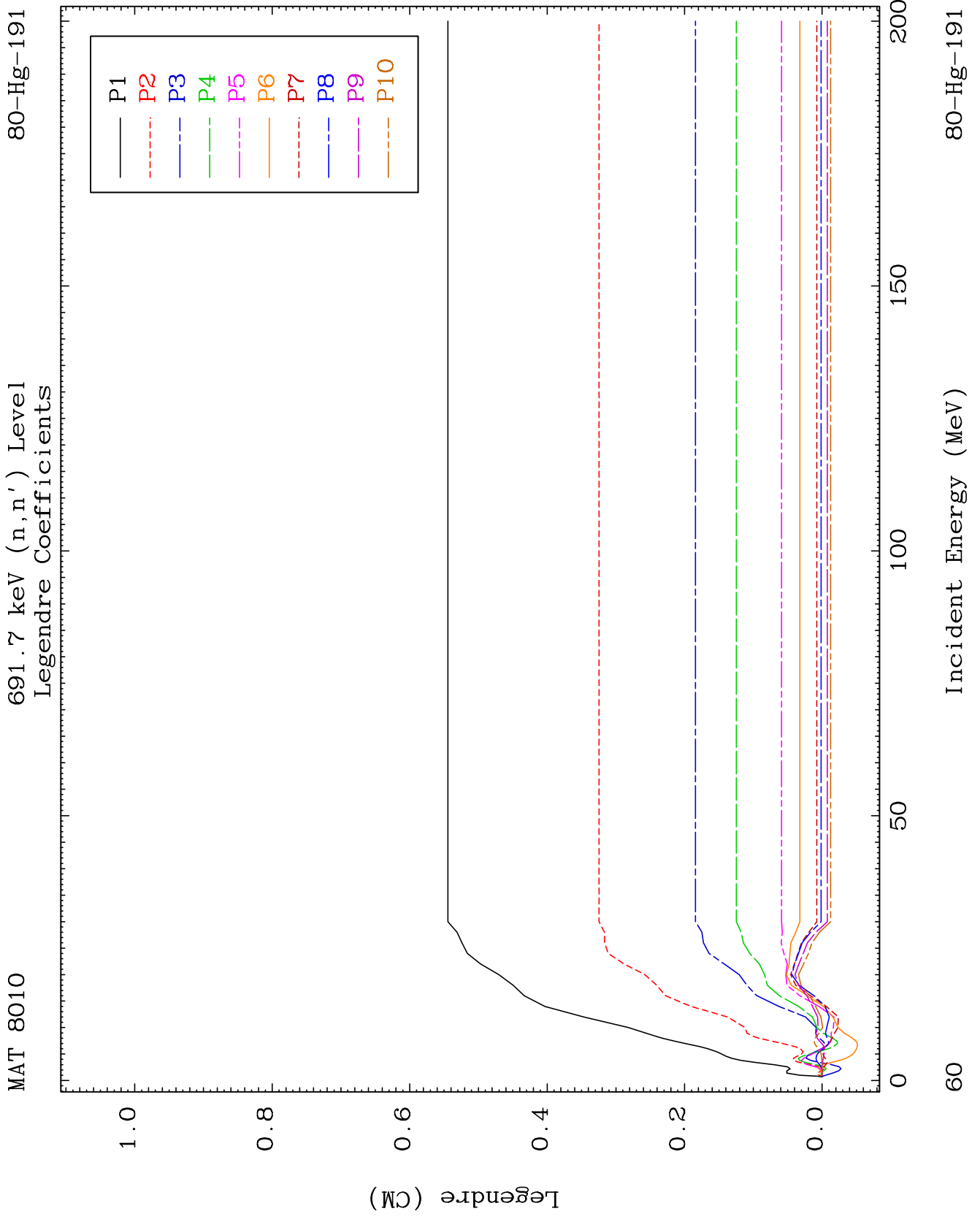


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Incident Energy (MeV)

80-Hg-191

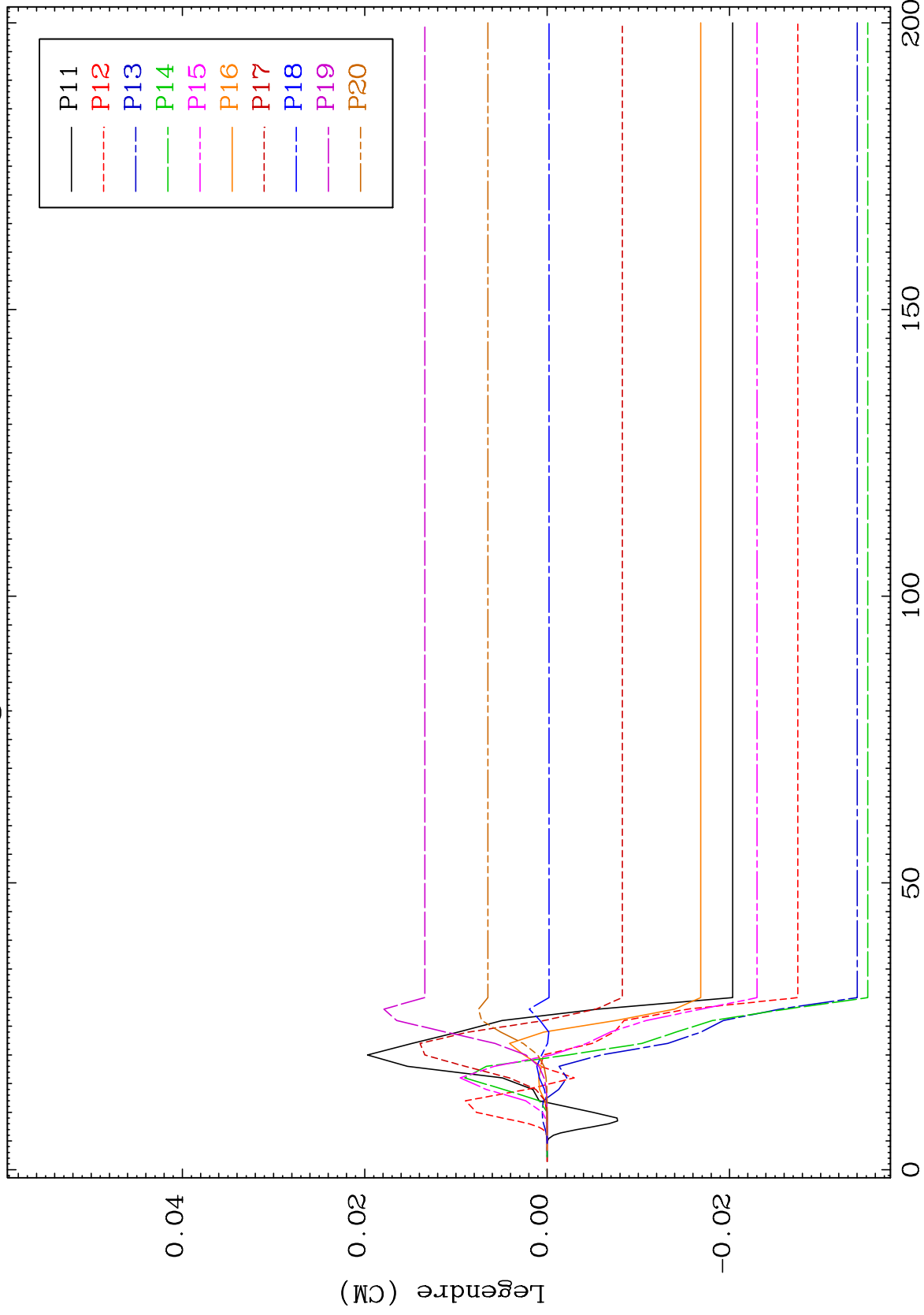




MAT 8010

691.7 keV (n,n') Level
Legendre Coefficients

80-Hg-191



61

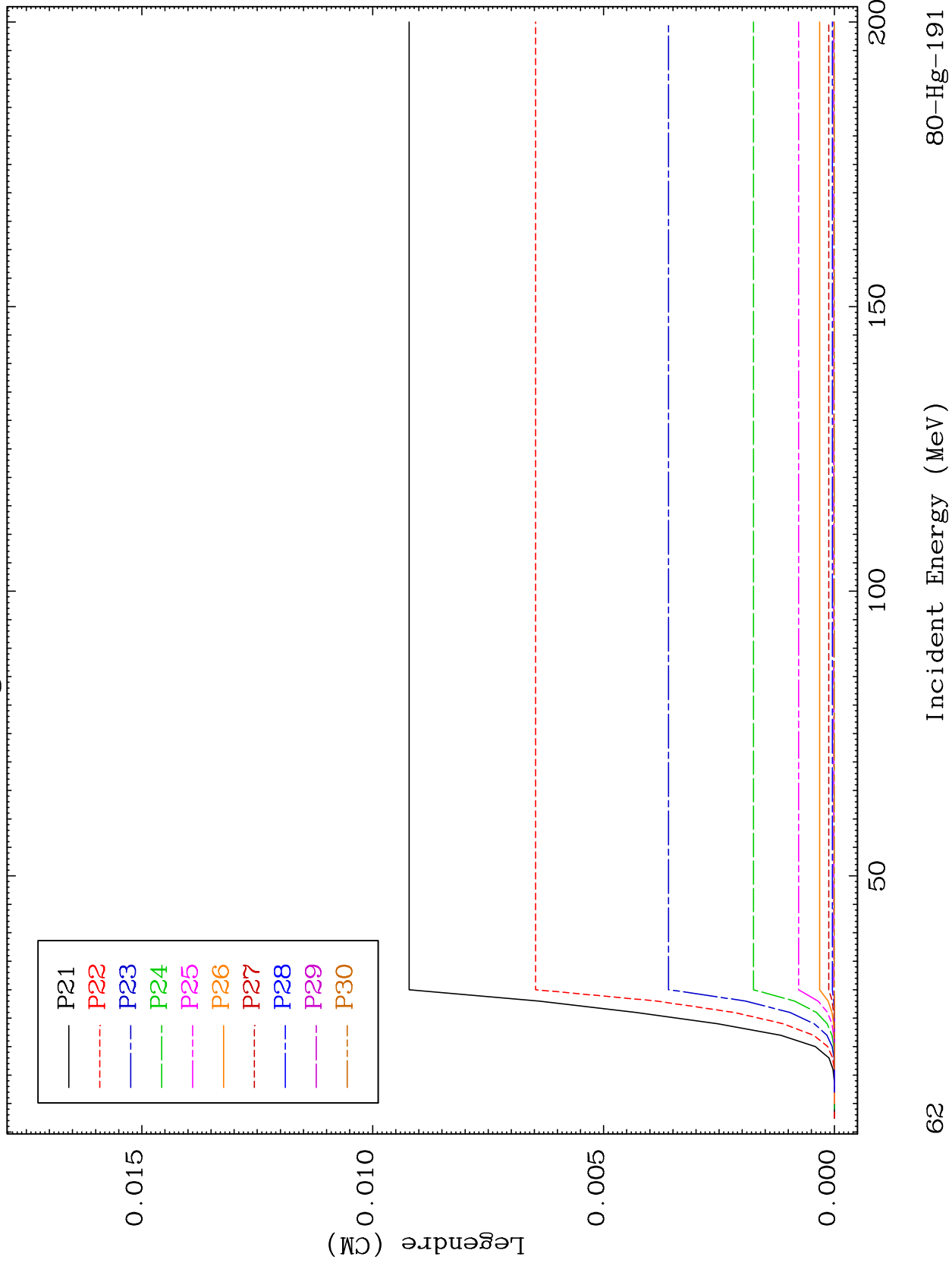
Incident Energy (MeV)

80-Hg-191

MAT 8010

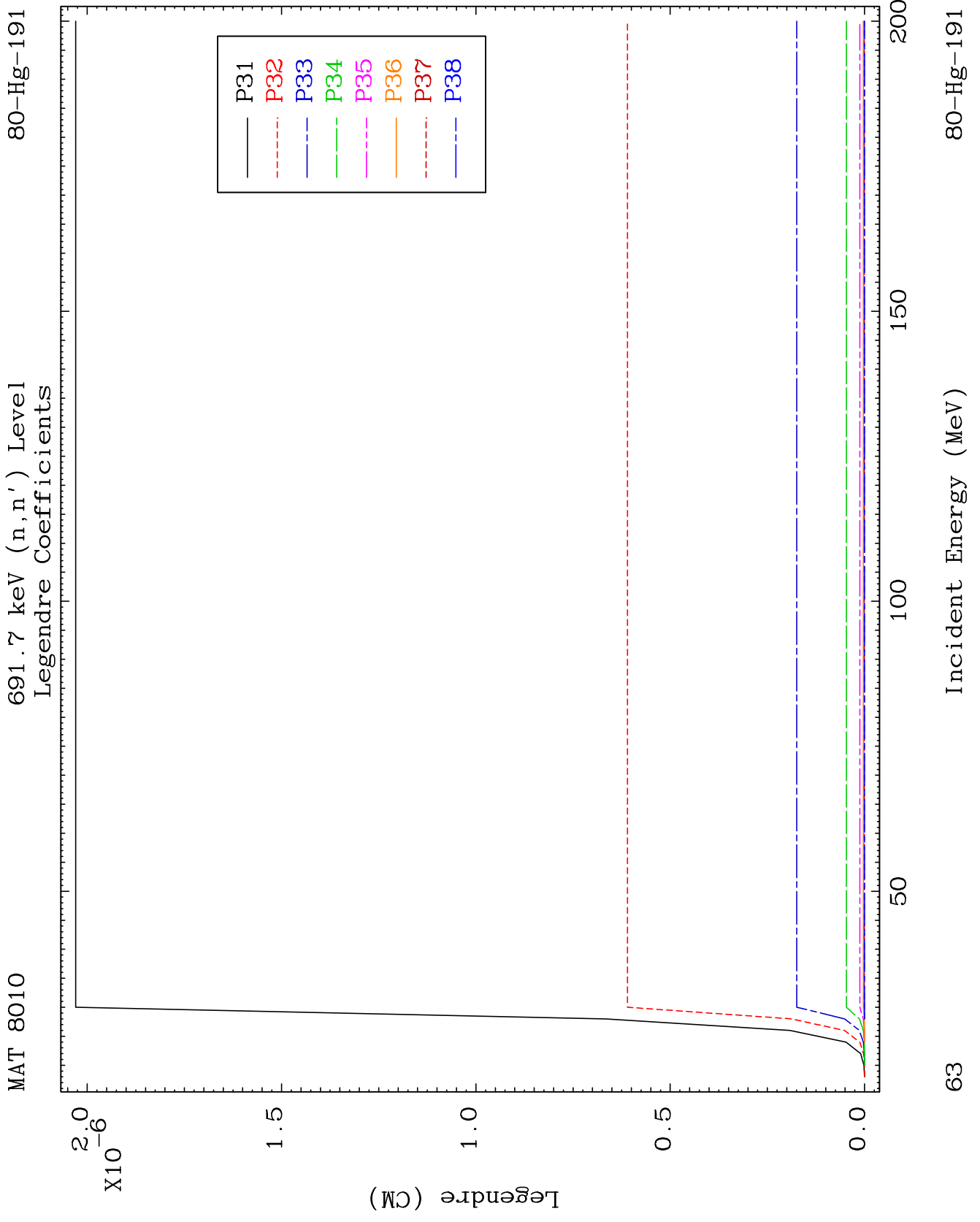
691.7 keV (n,n') Level
Legendre Coefficients

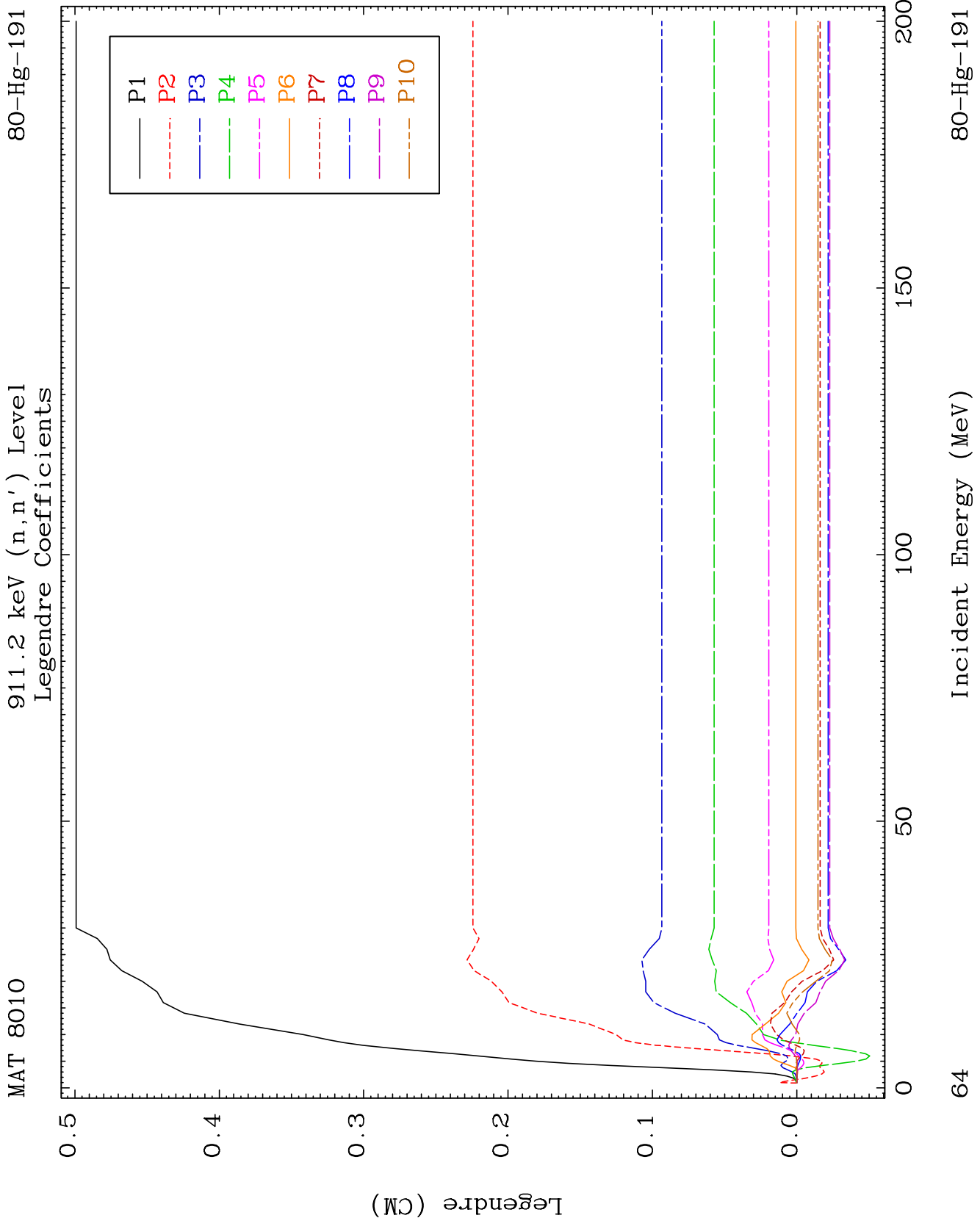
80-Hg-191

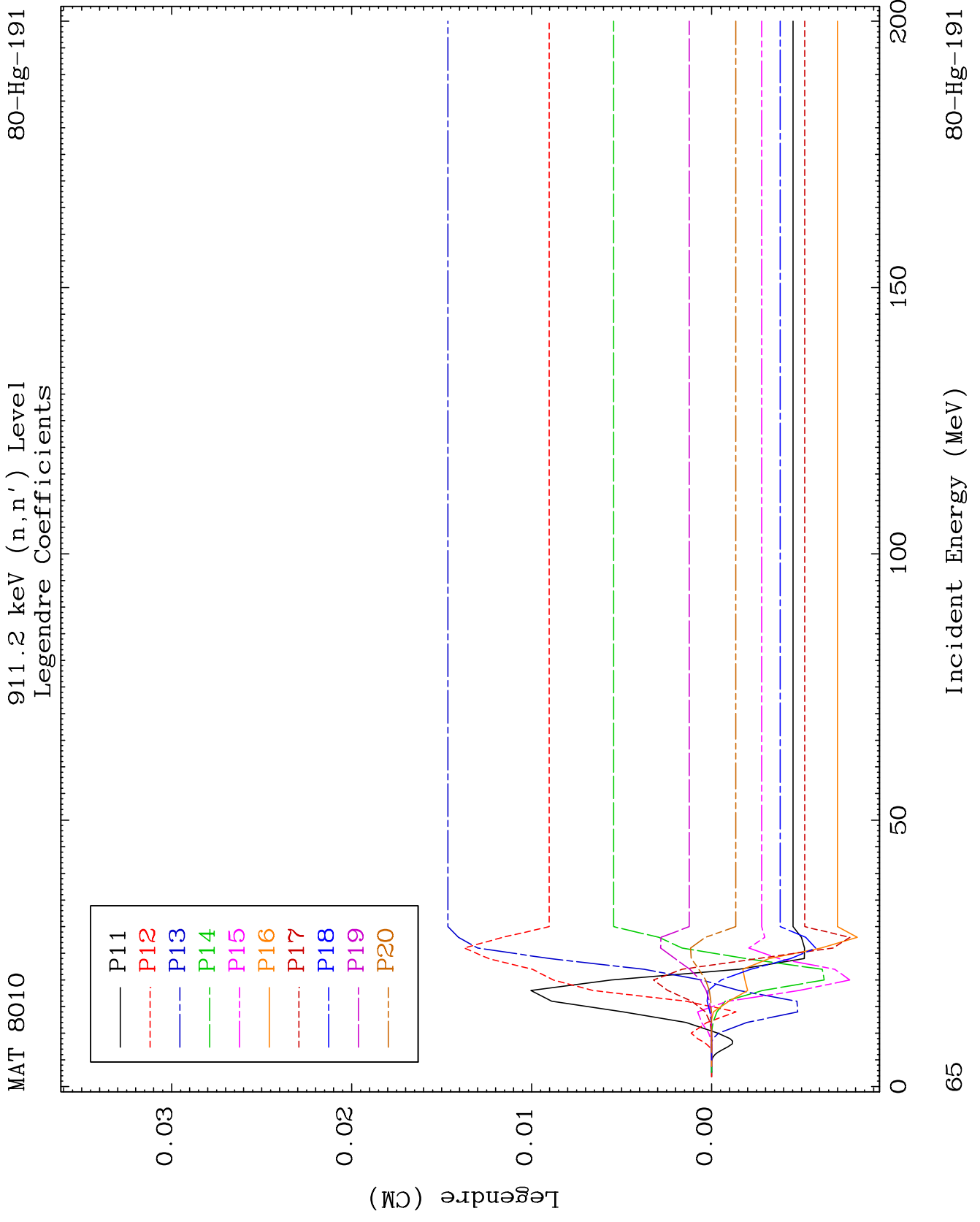


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80-Hg-191



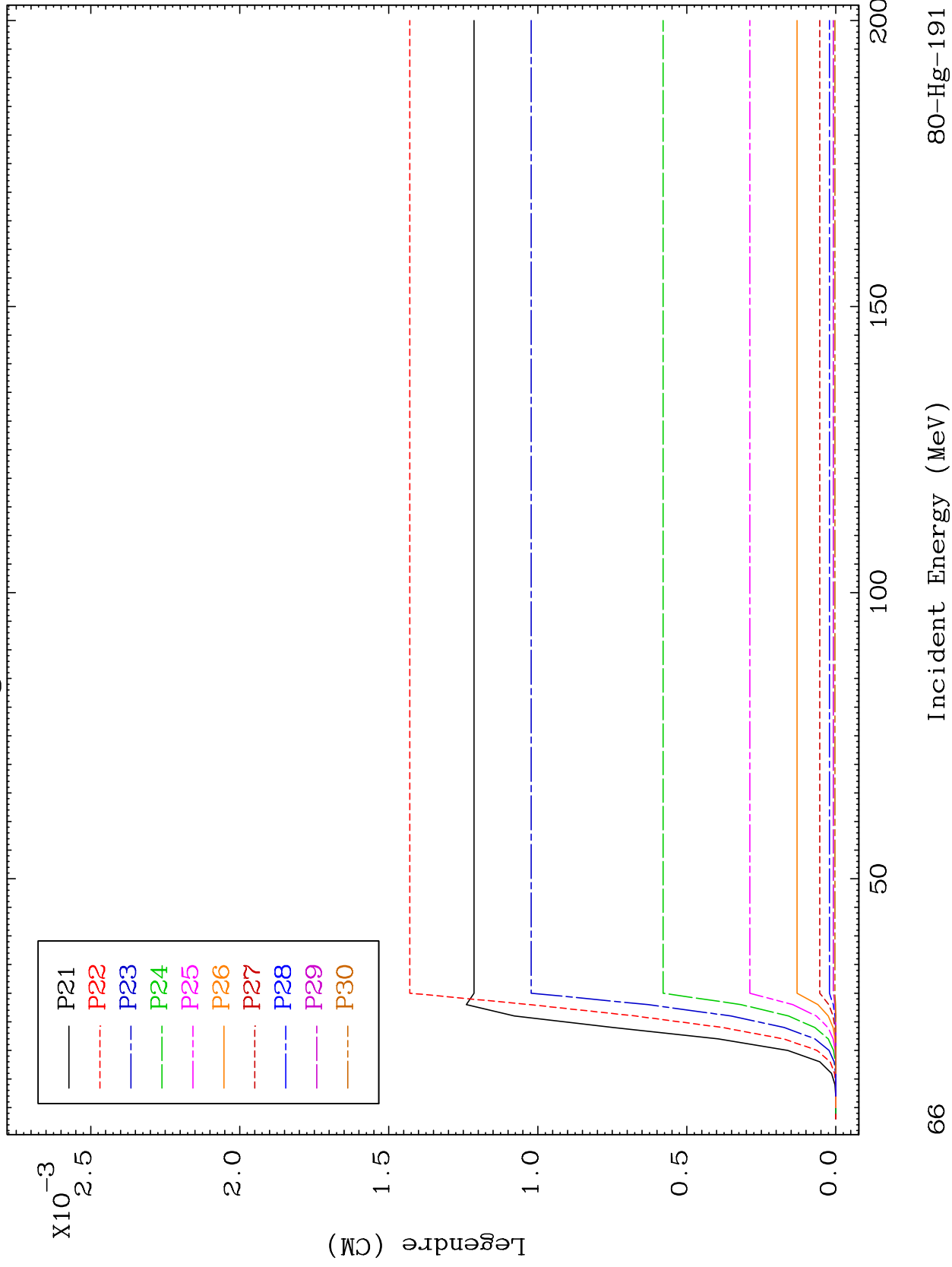




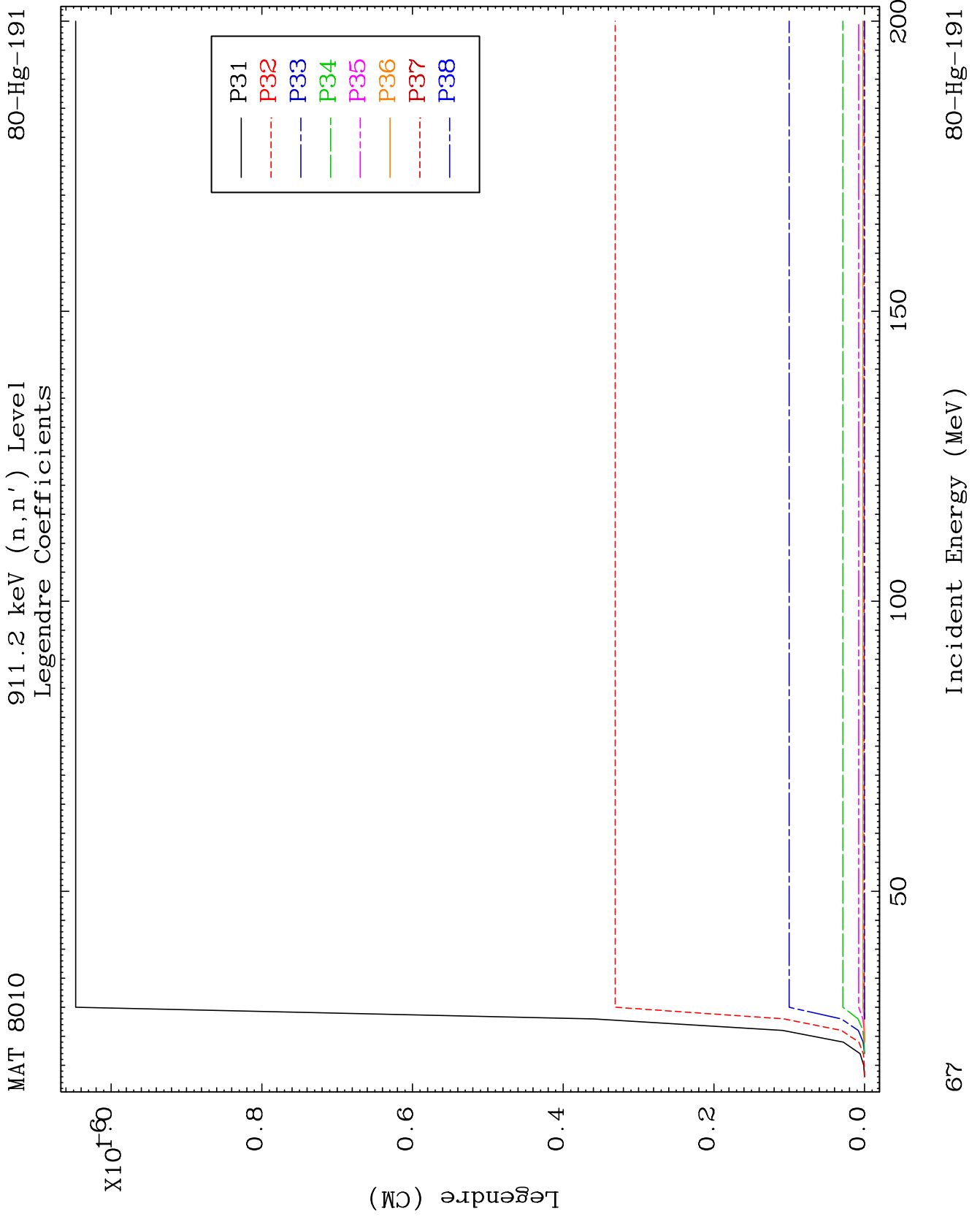
MAT 8010

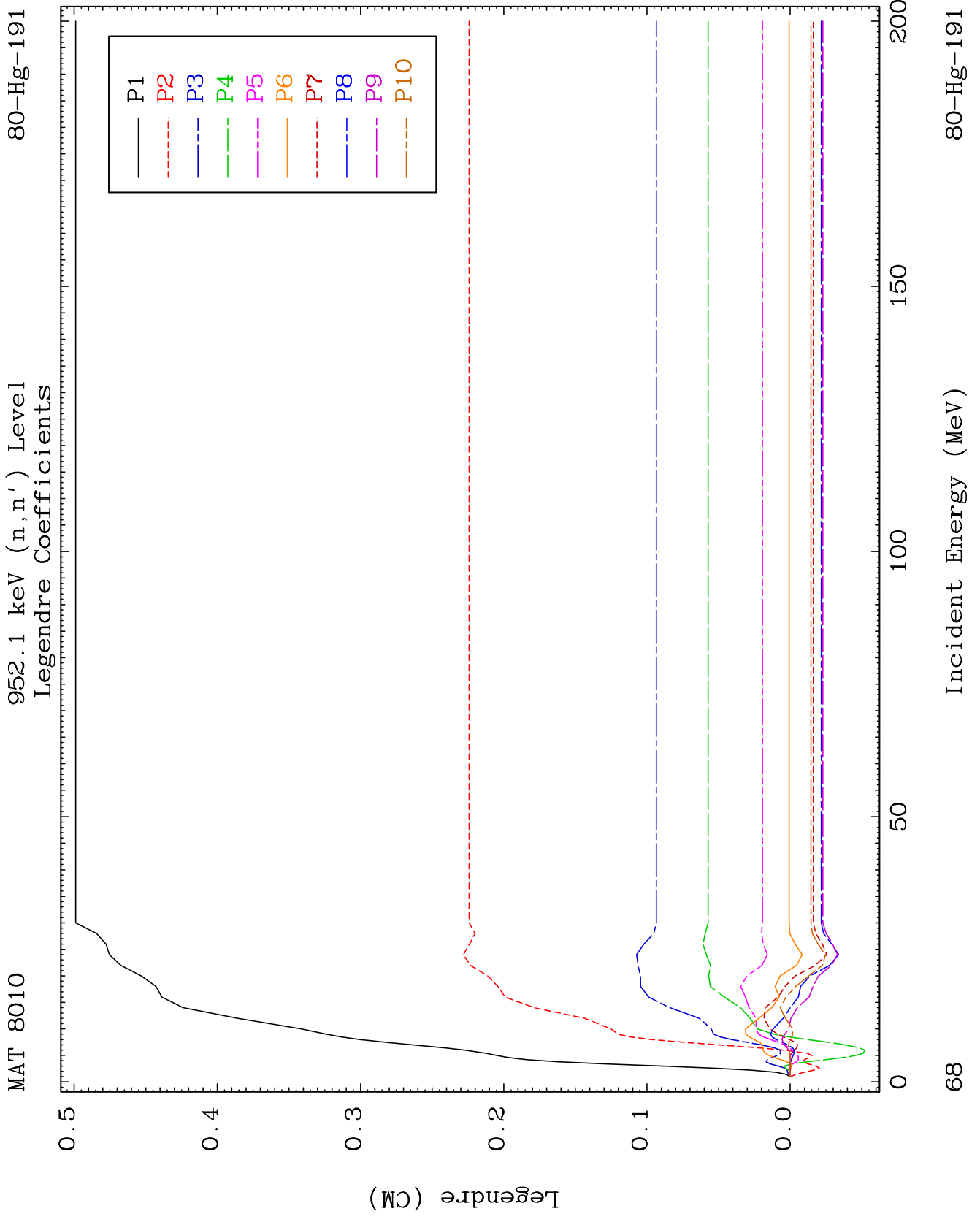
911.2 keV (n,n') Level
Legendre Coefficients

80-Hg-191



66

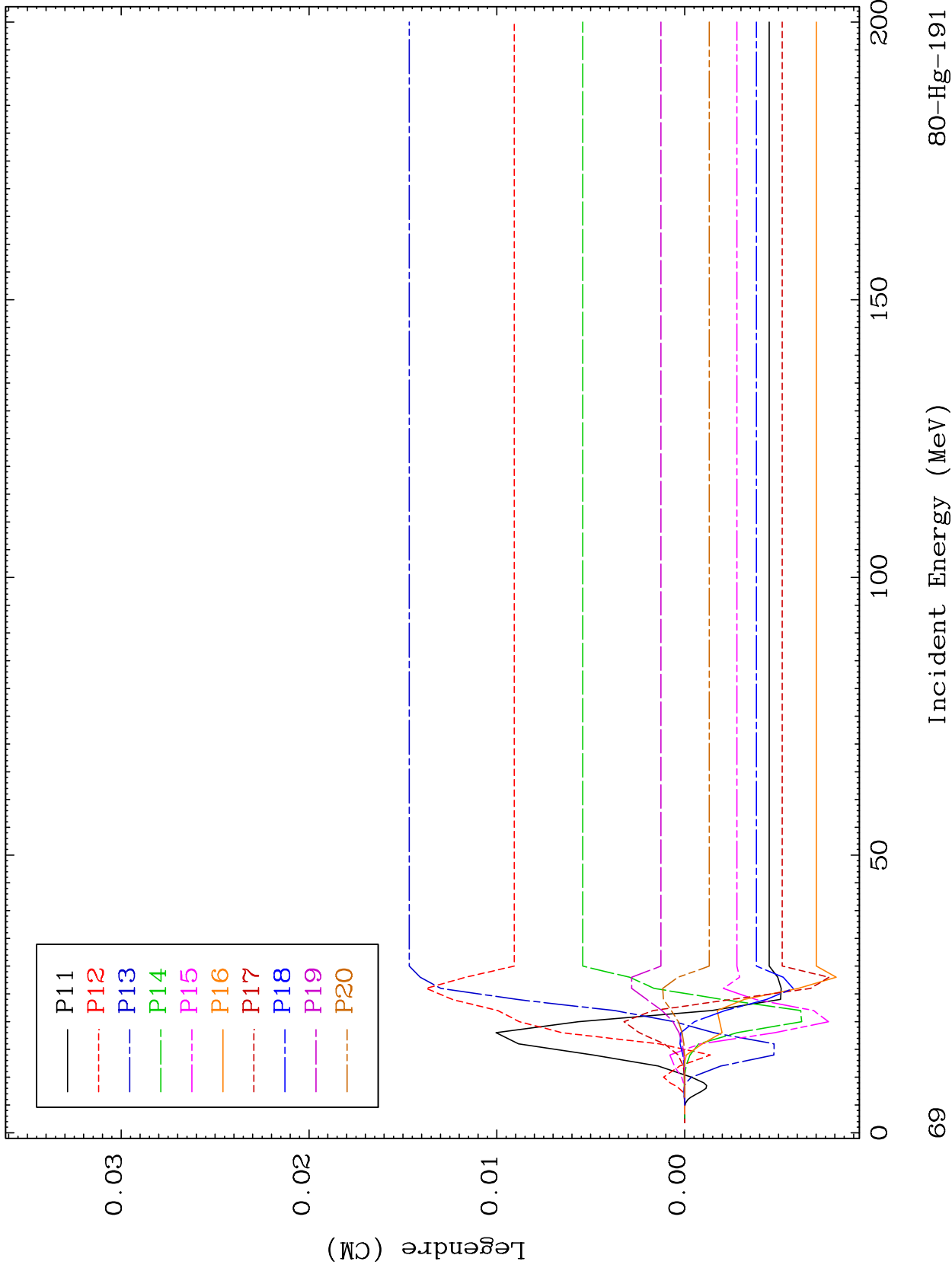




MAT 8010

952.1 keV (n,n') Level
Legendre Coefficients

80-Hg-191



69

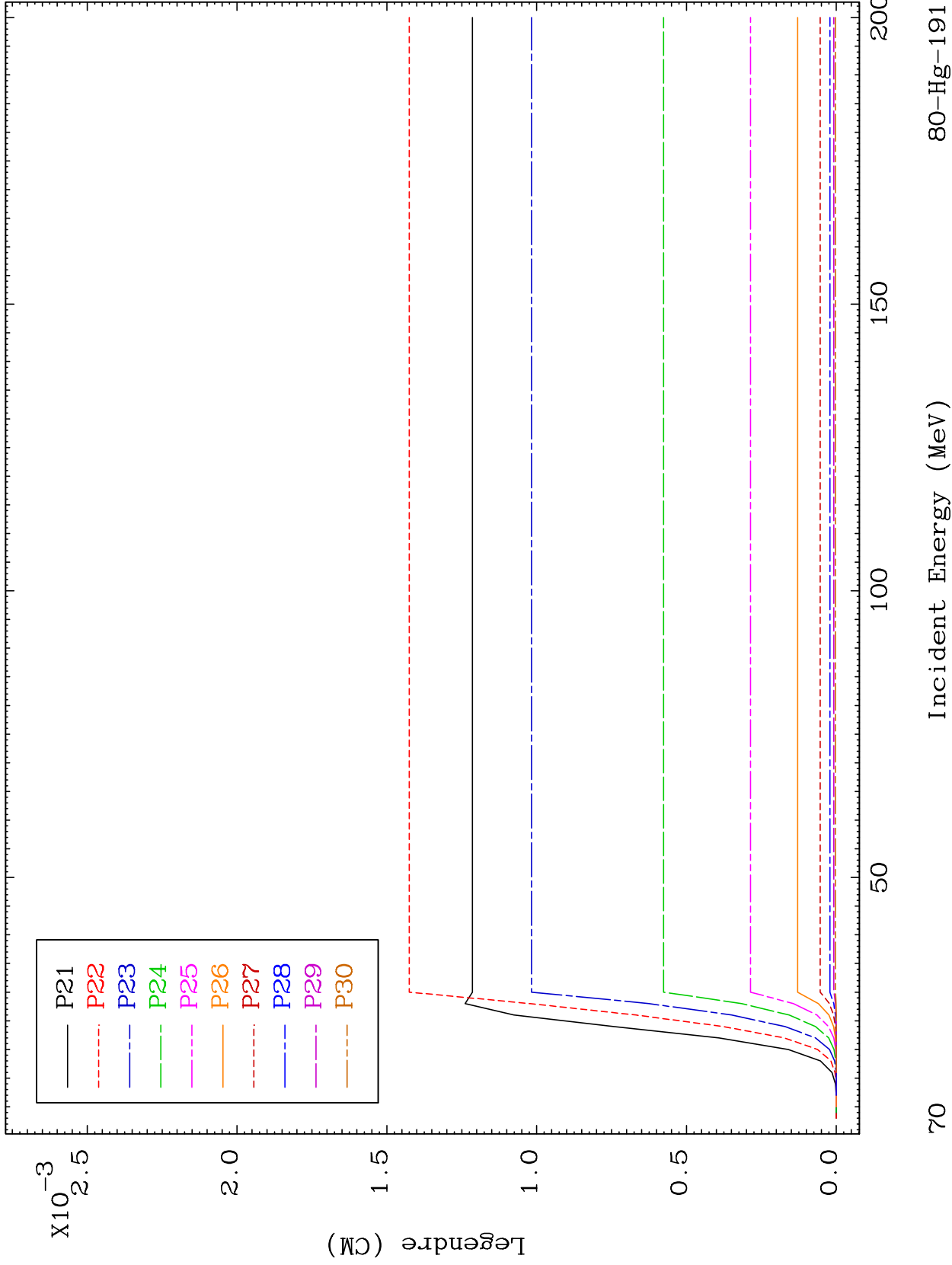
Incident Energy (MeV)

80-Hg-191

MAT 8010

952.1 keV (n,n') Level
Legendre Coefficients

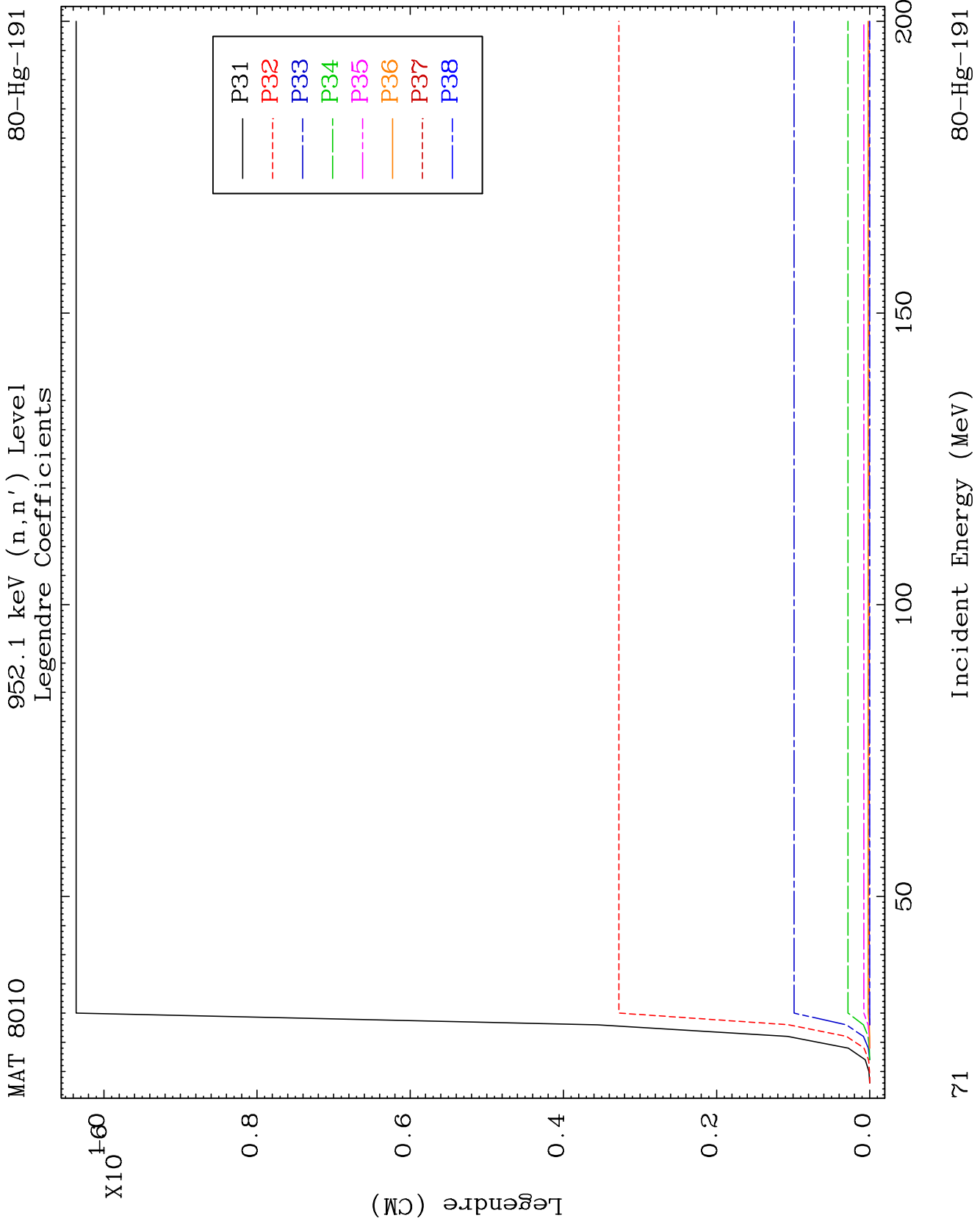
80-Hg-191



70

Incident Energy (MeV)

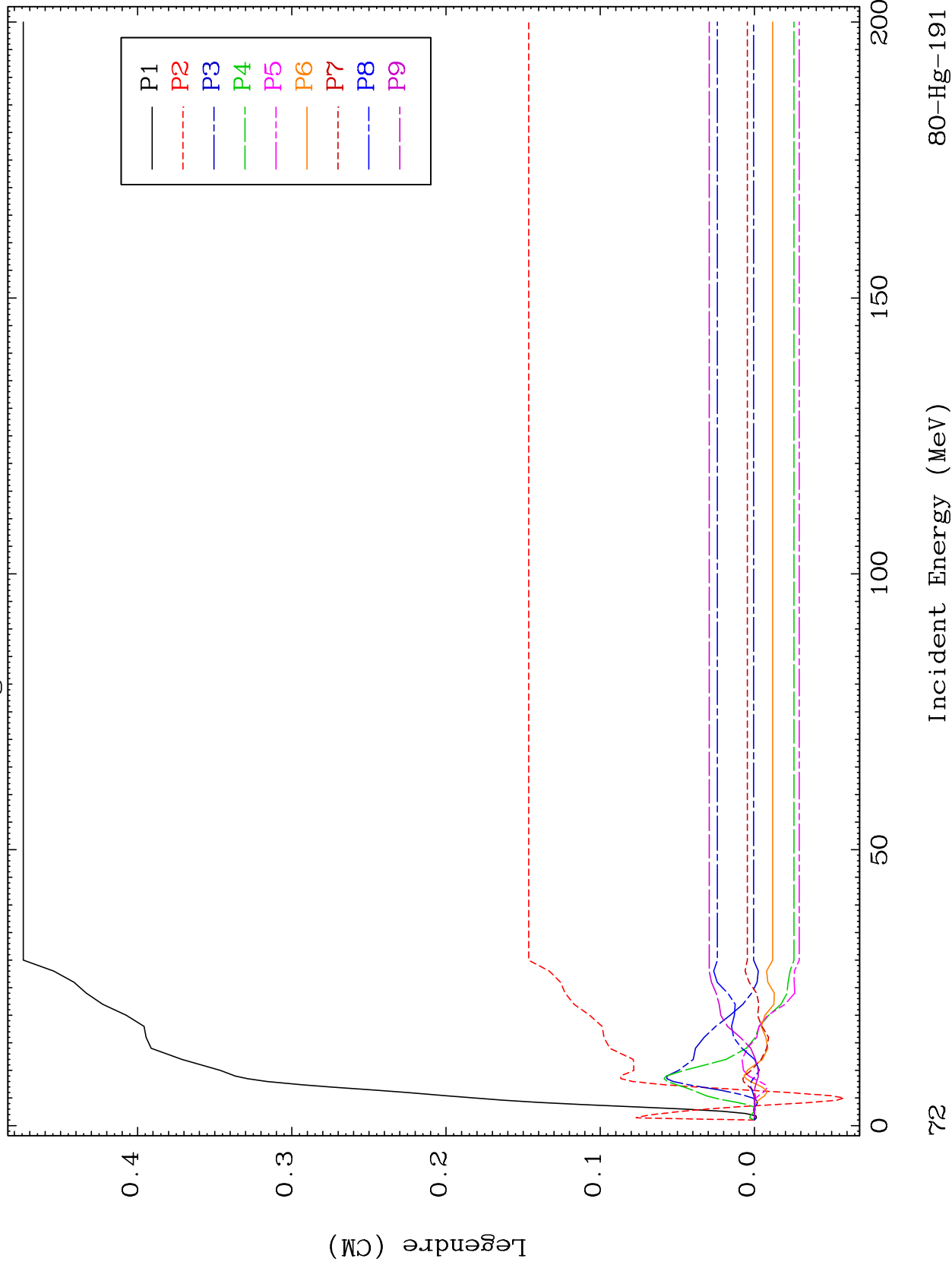
80-Hg-191



MAT 8010

997.1 keV (n,n') Level
Legendre Coefficients

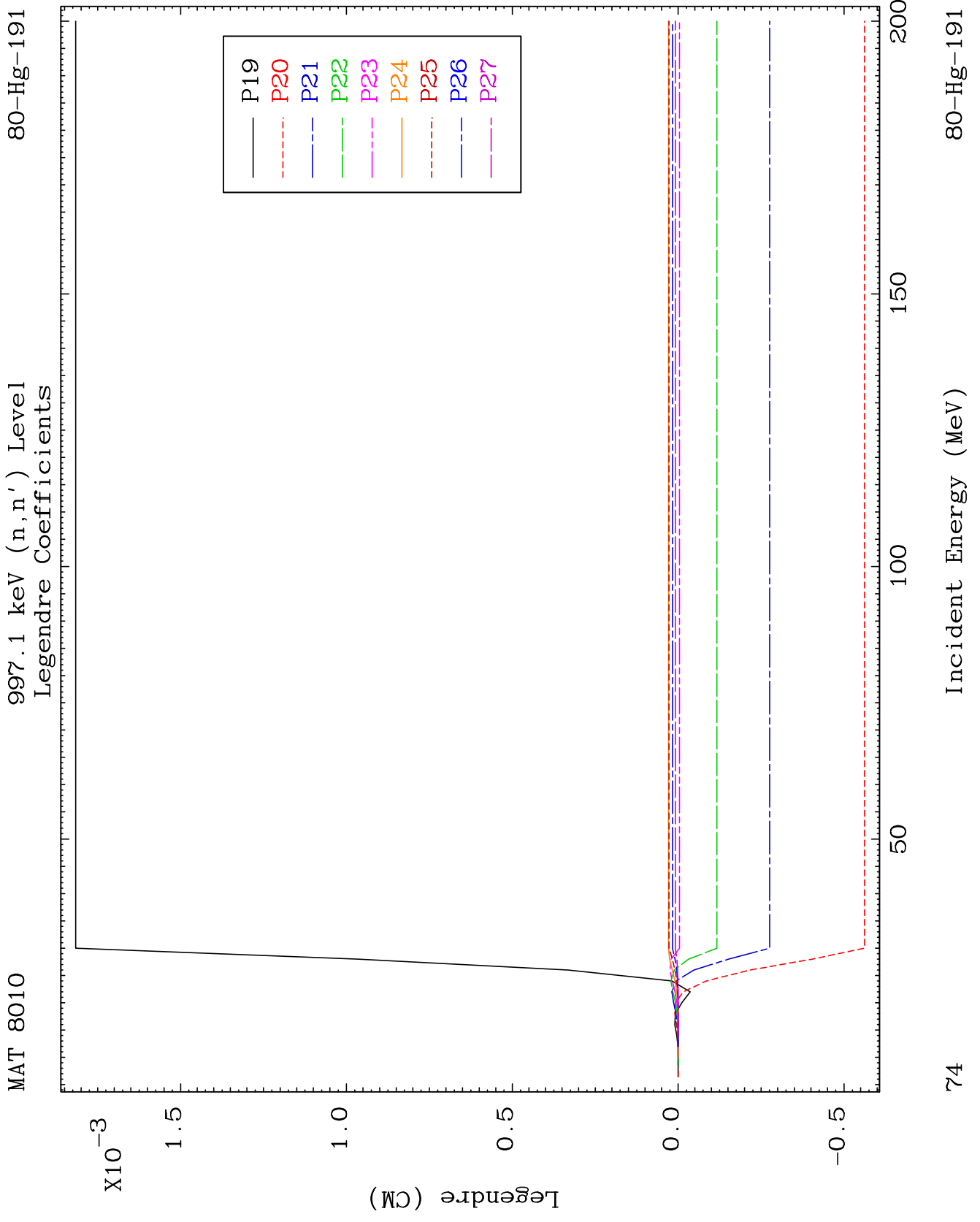
80-Hg-191

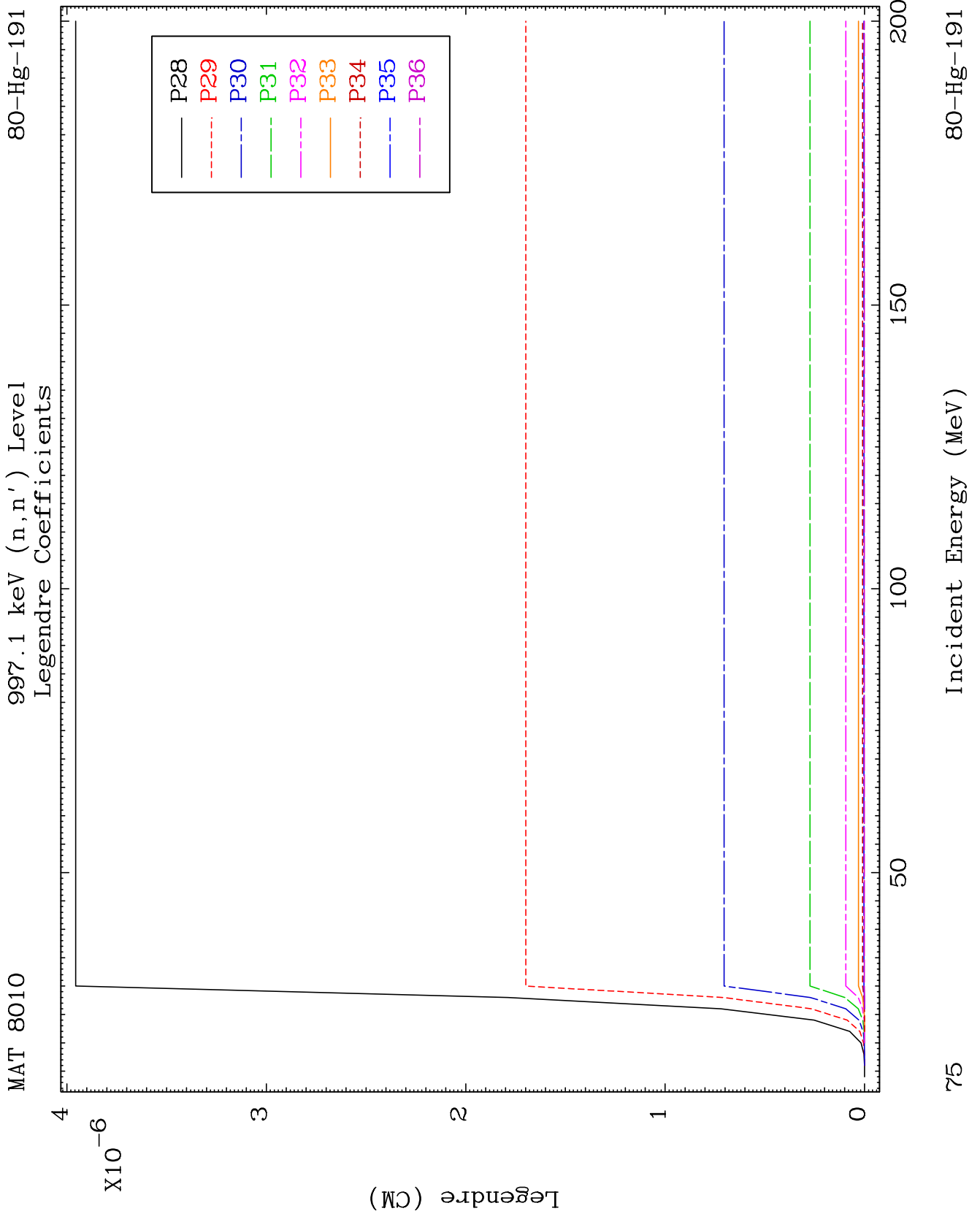


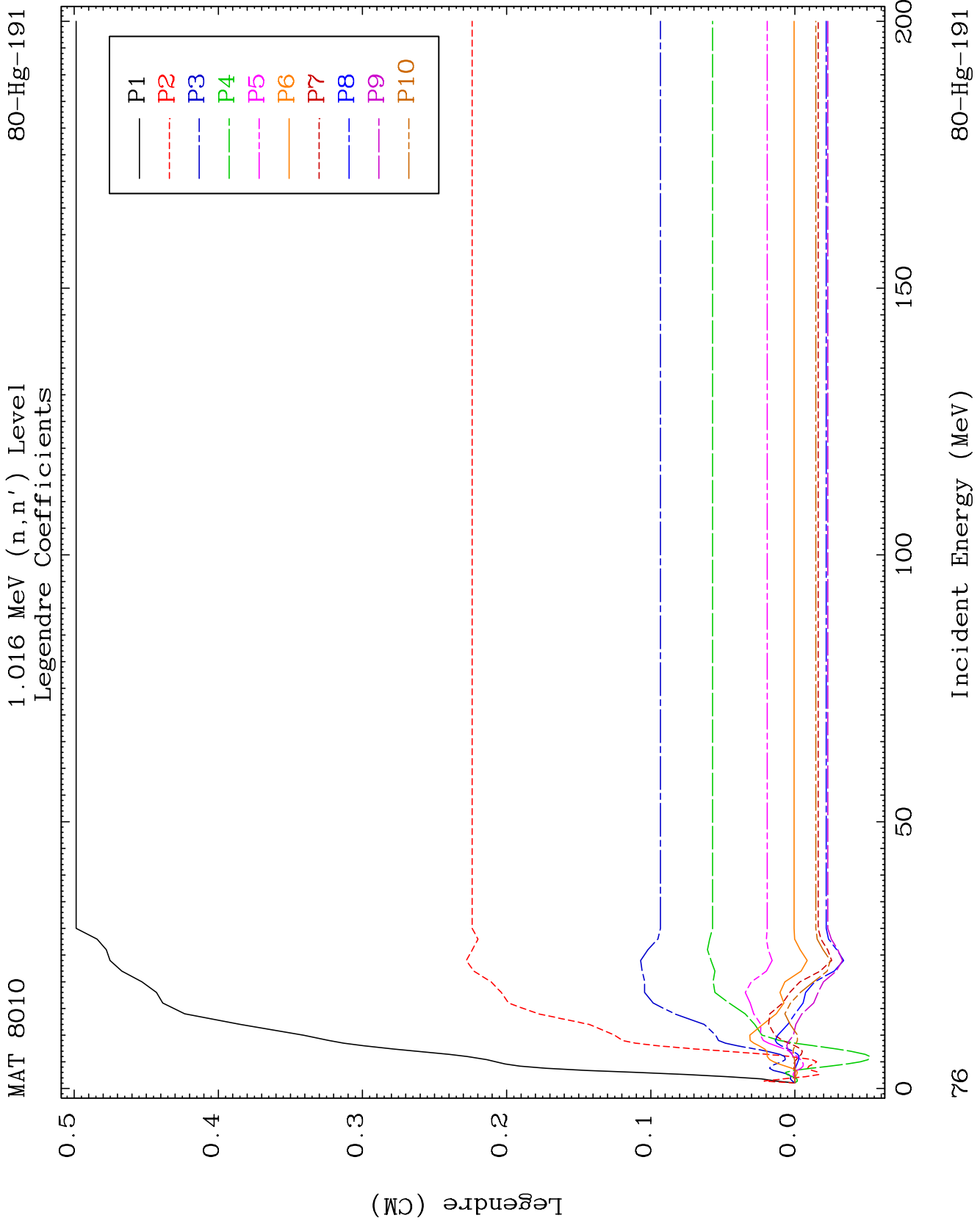
80-Hg-191

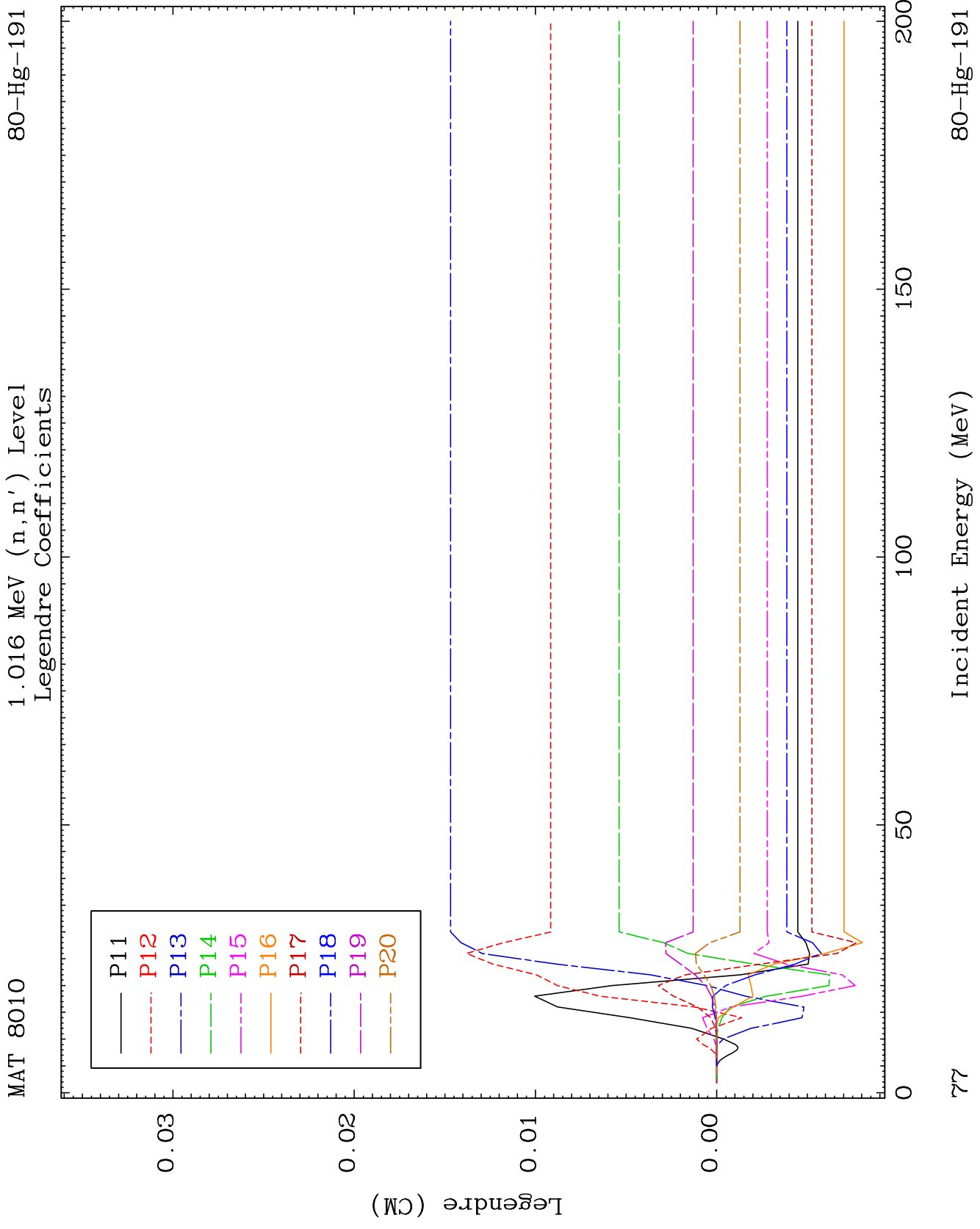
Incident Energy (MeV)

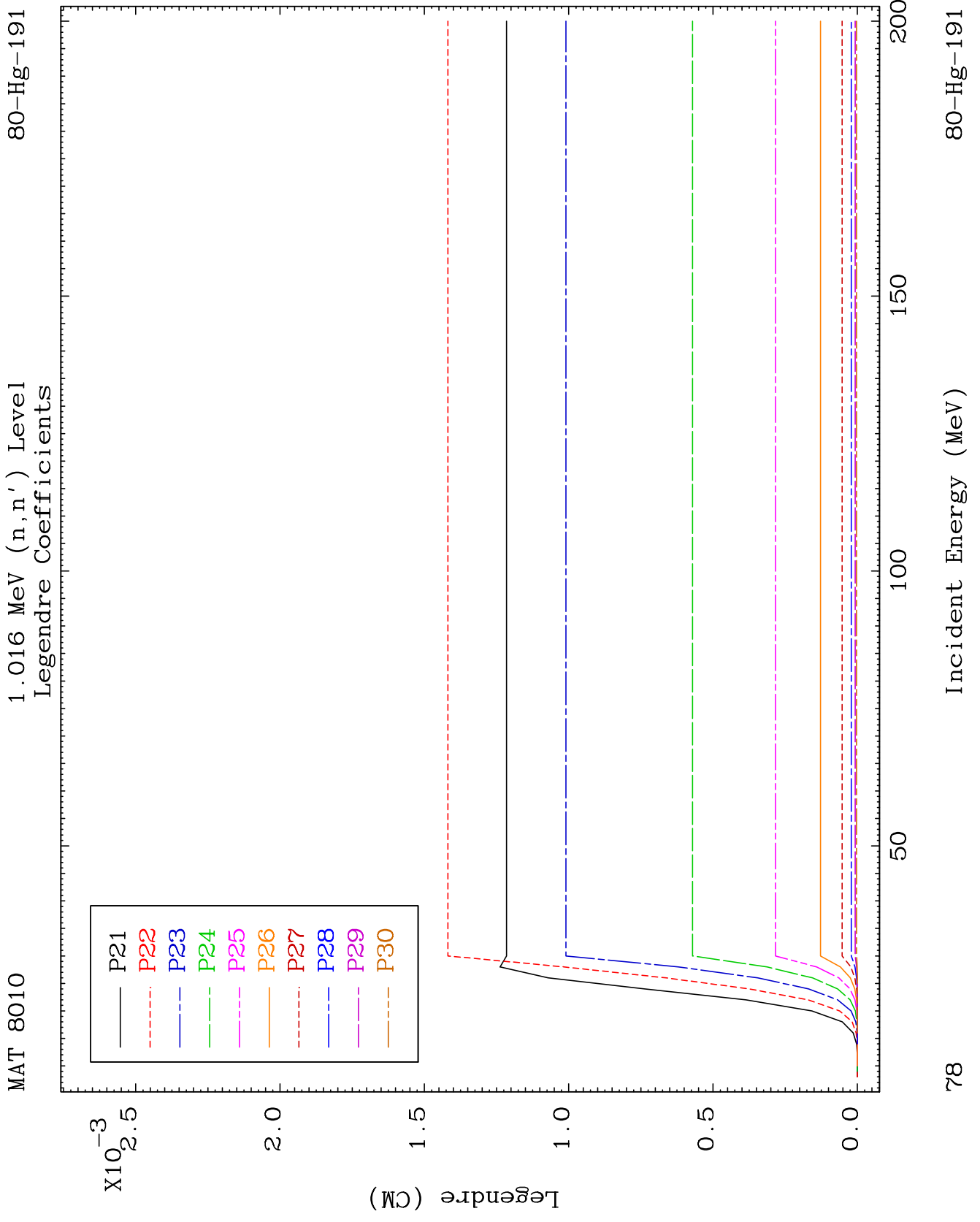
72

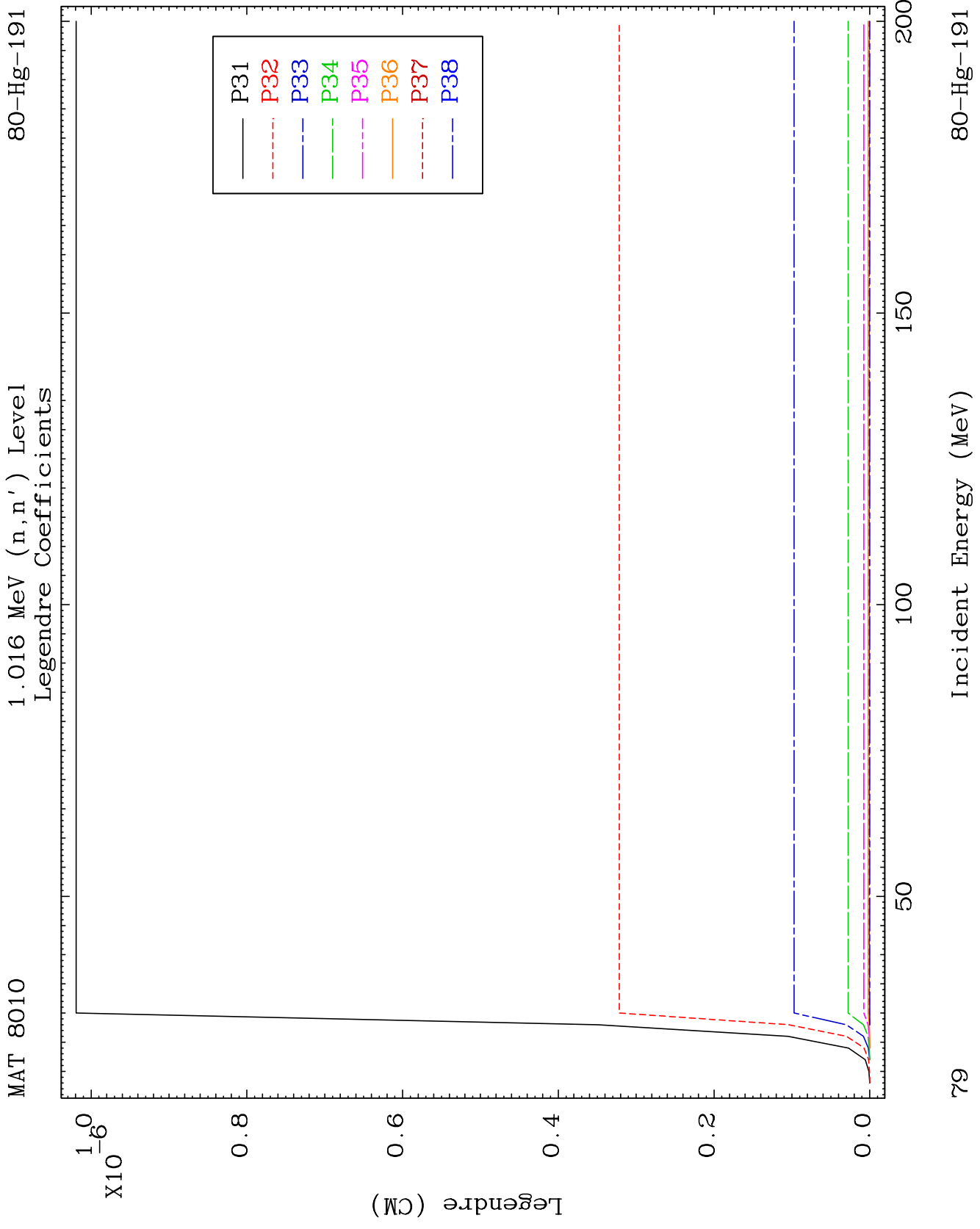


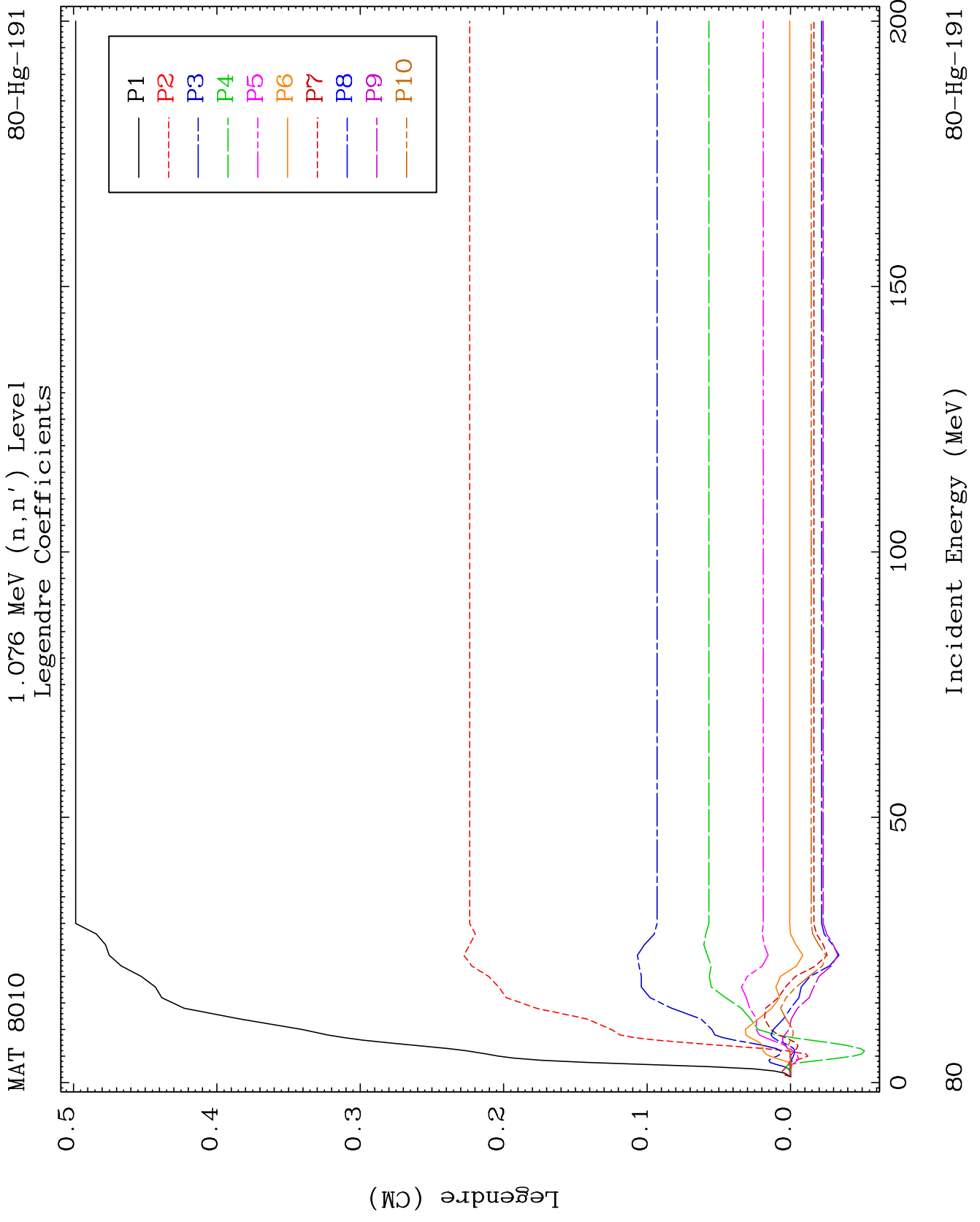








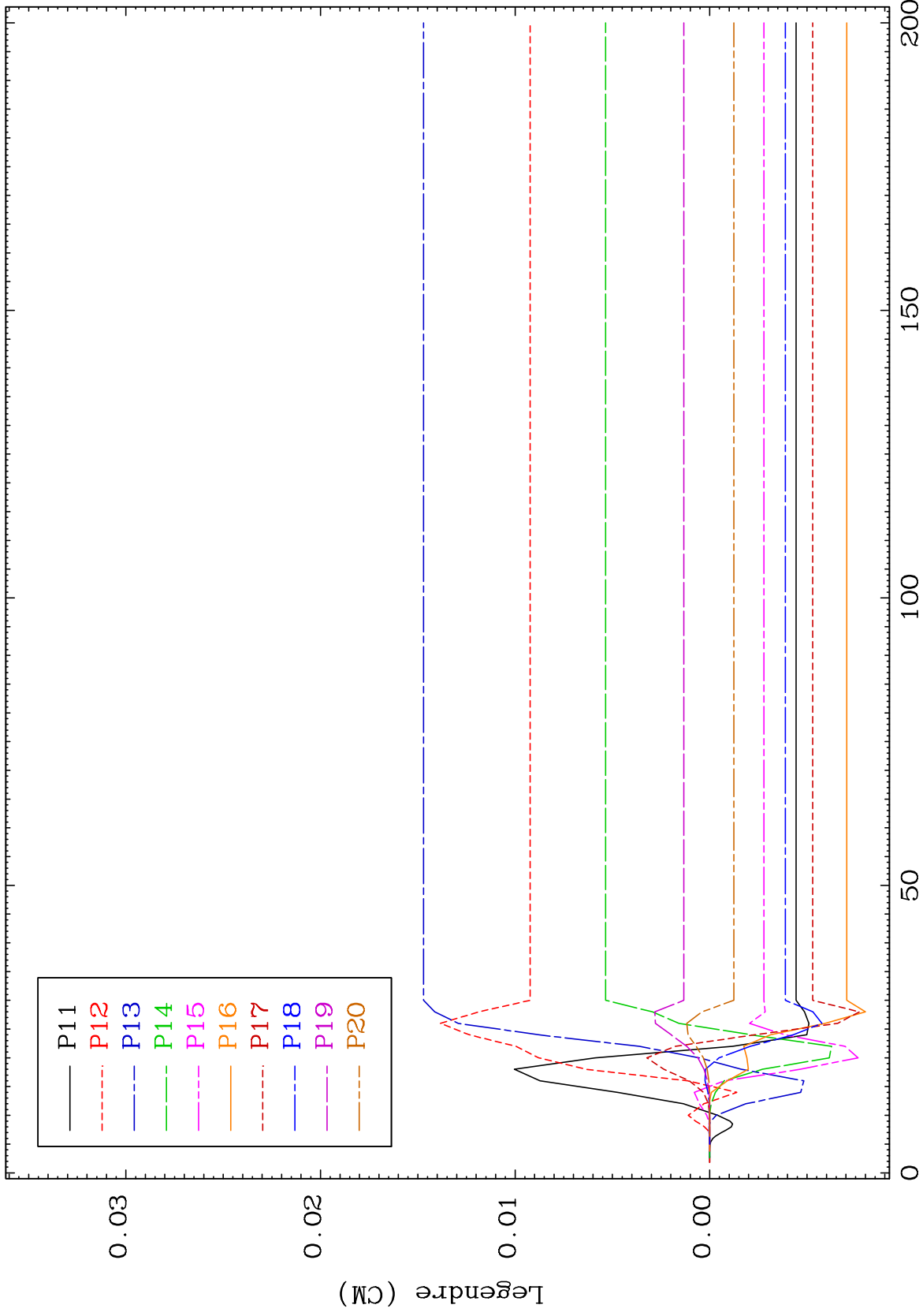




MAT 8010

1.076 MeV (n, n') Level
Legendre Coefficients

80-Hg-191



81

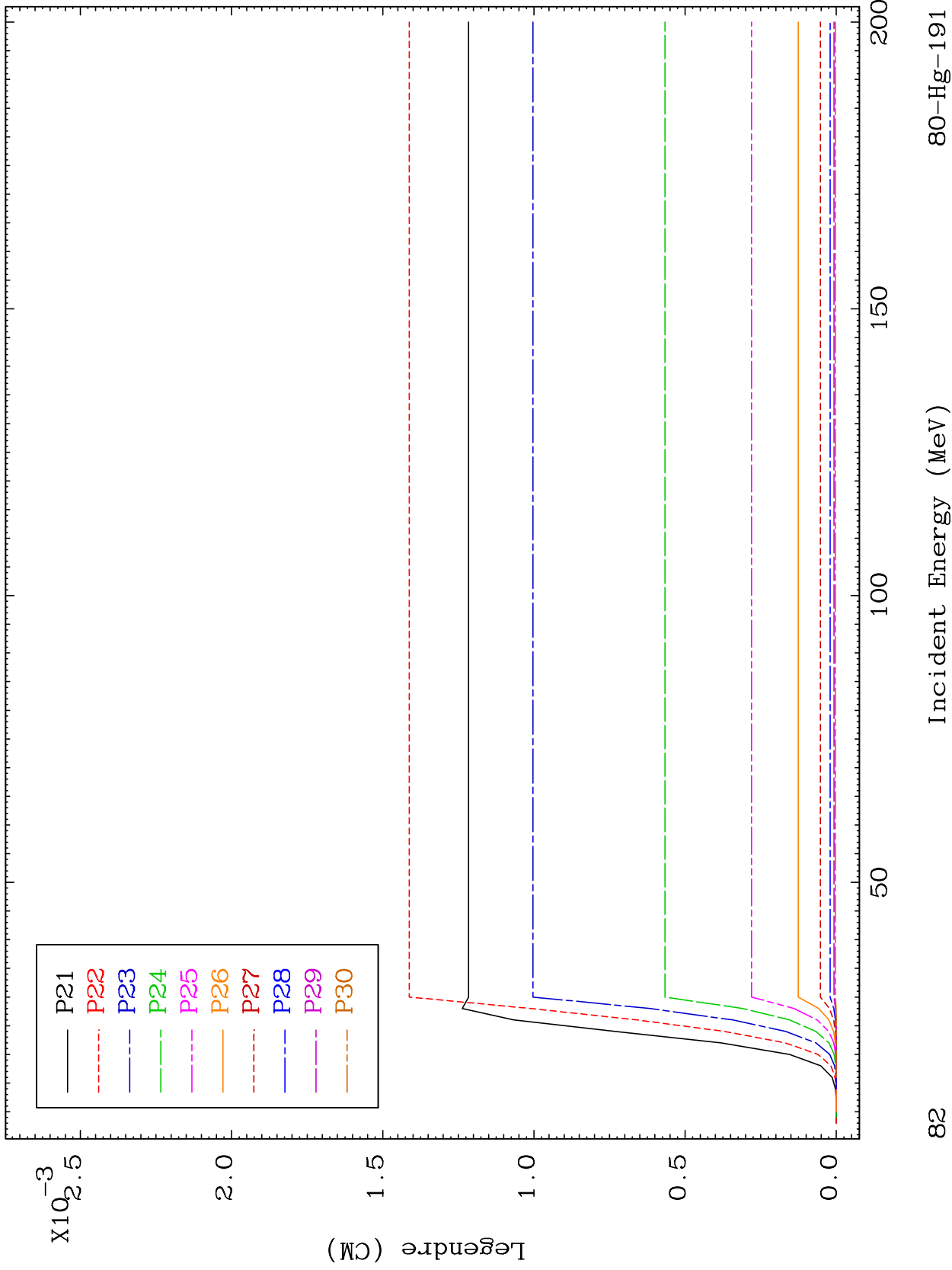
Incident Energy (MeV)

80-Hg-191

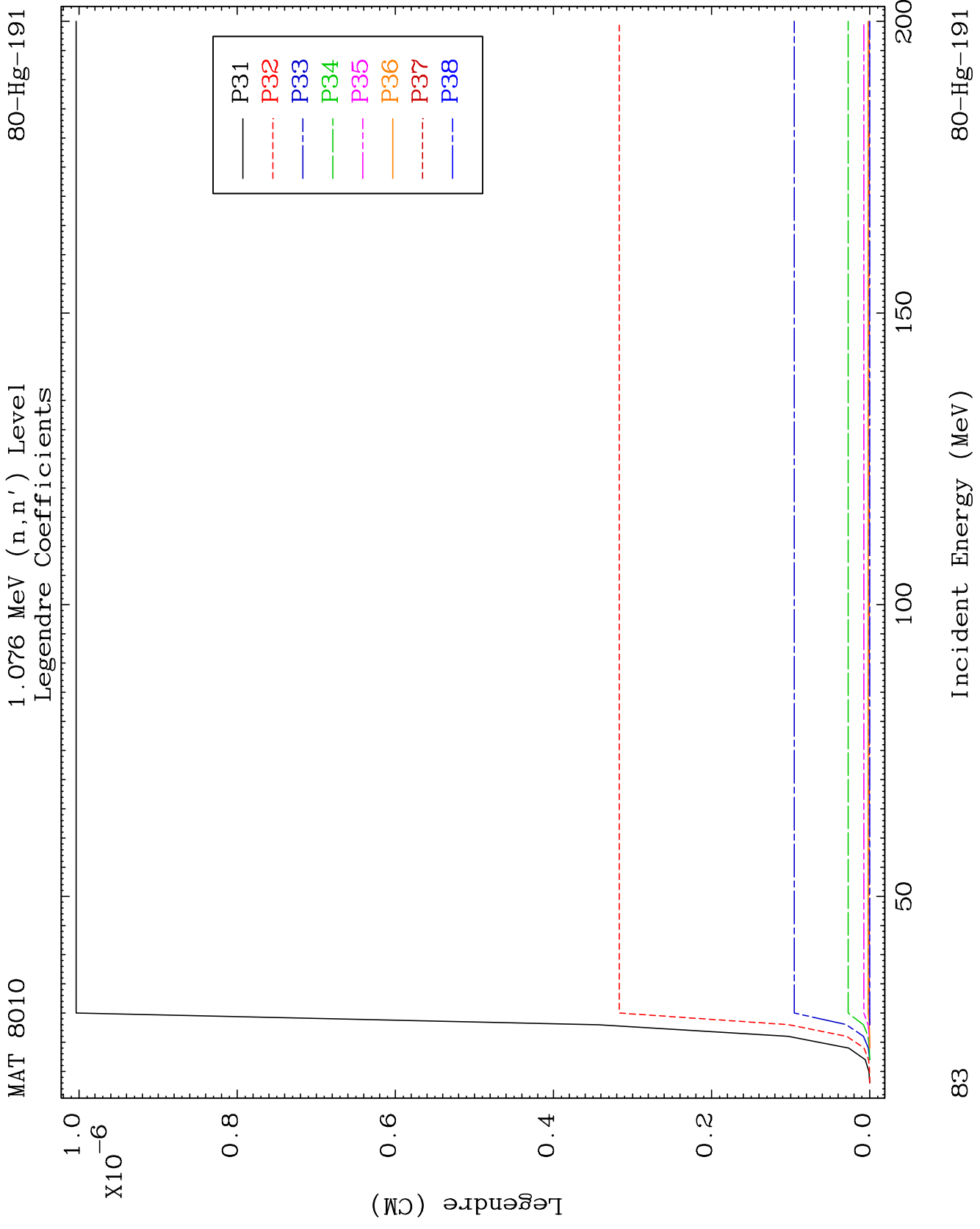
MAT 8010

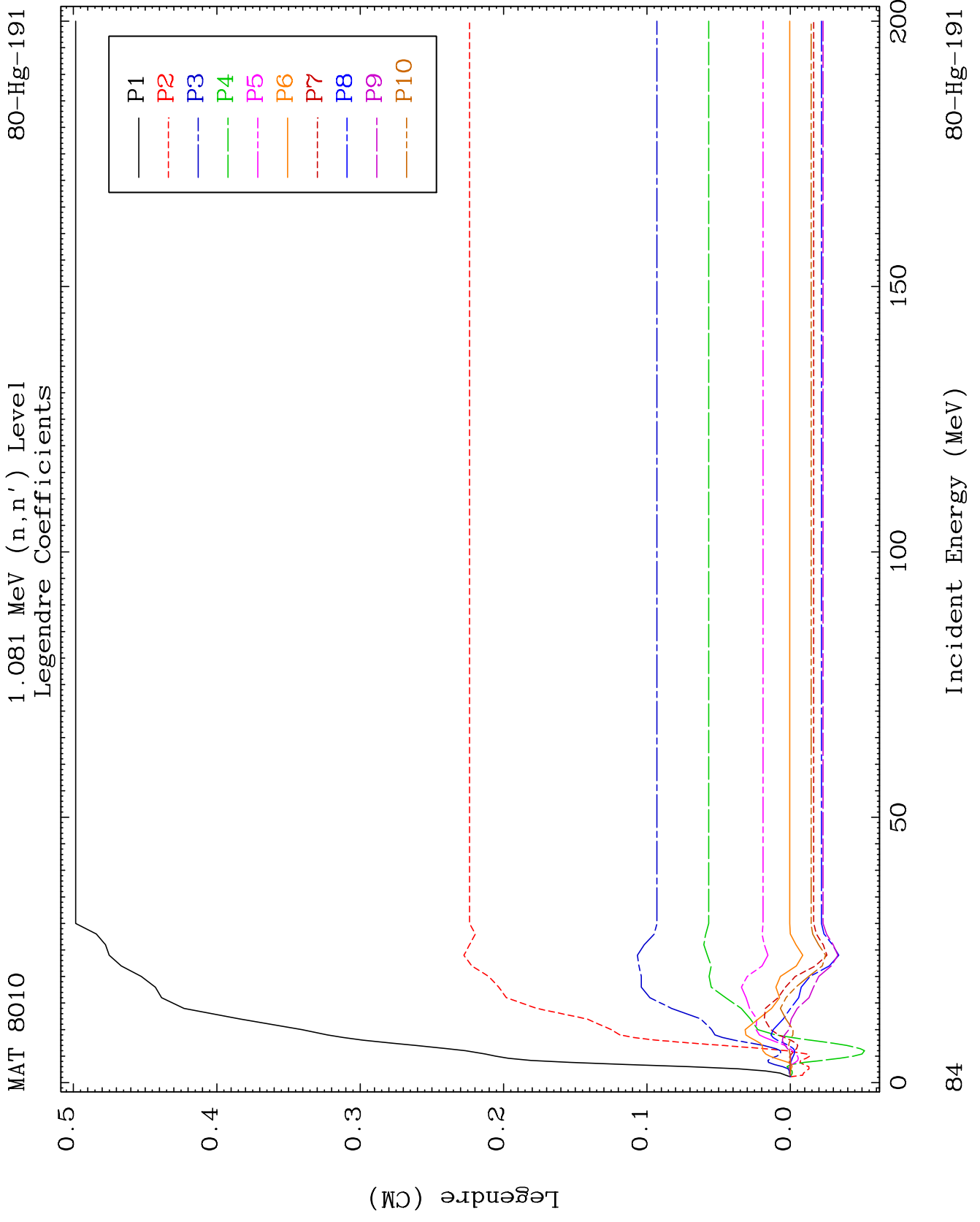
1.076 MeV (n, n') Level
Legendre Coefficients

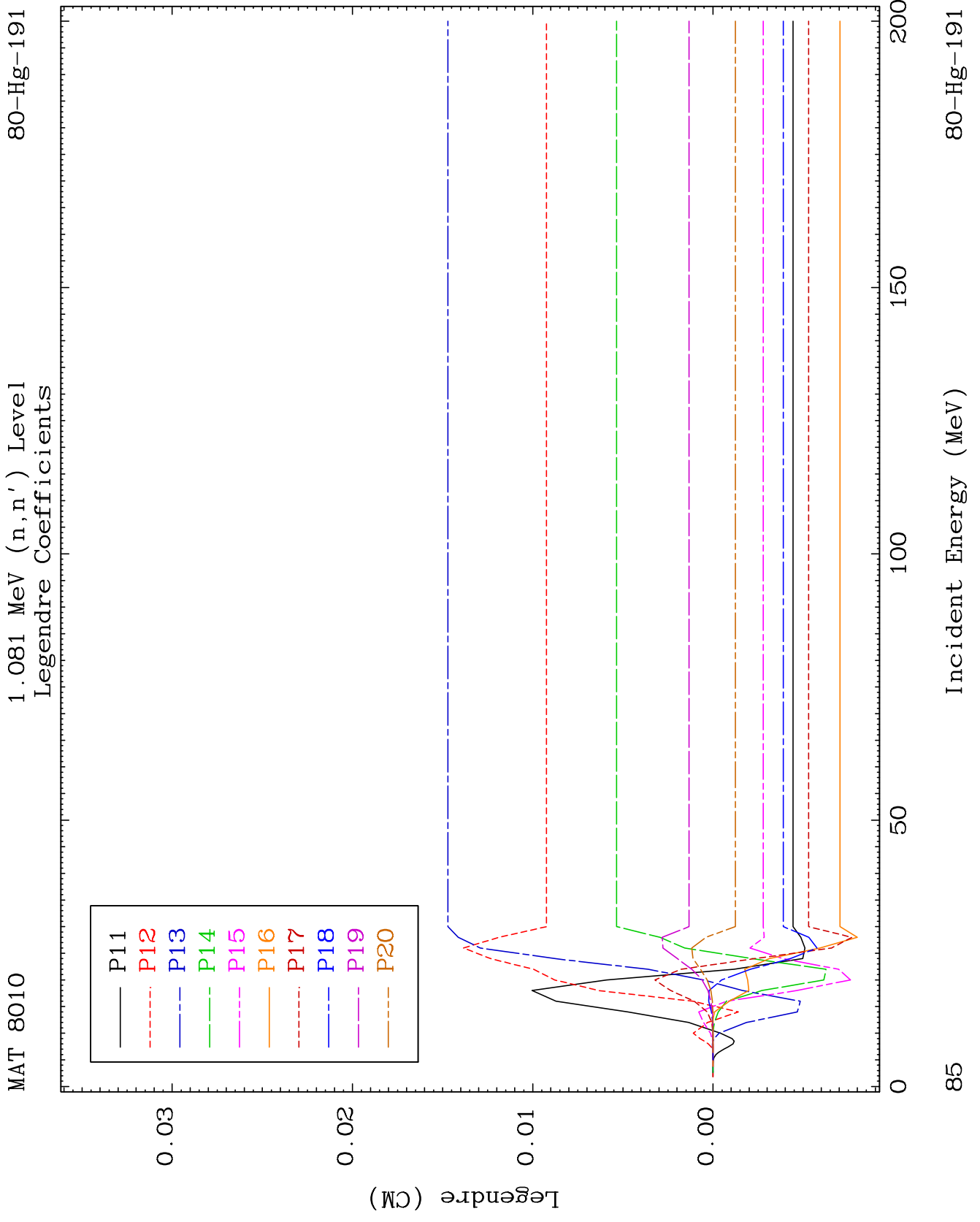
80-Hg-191



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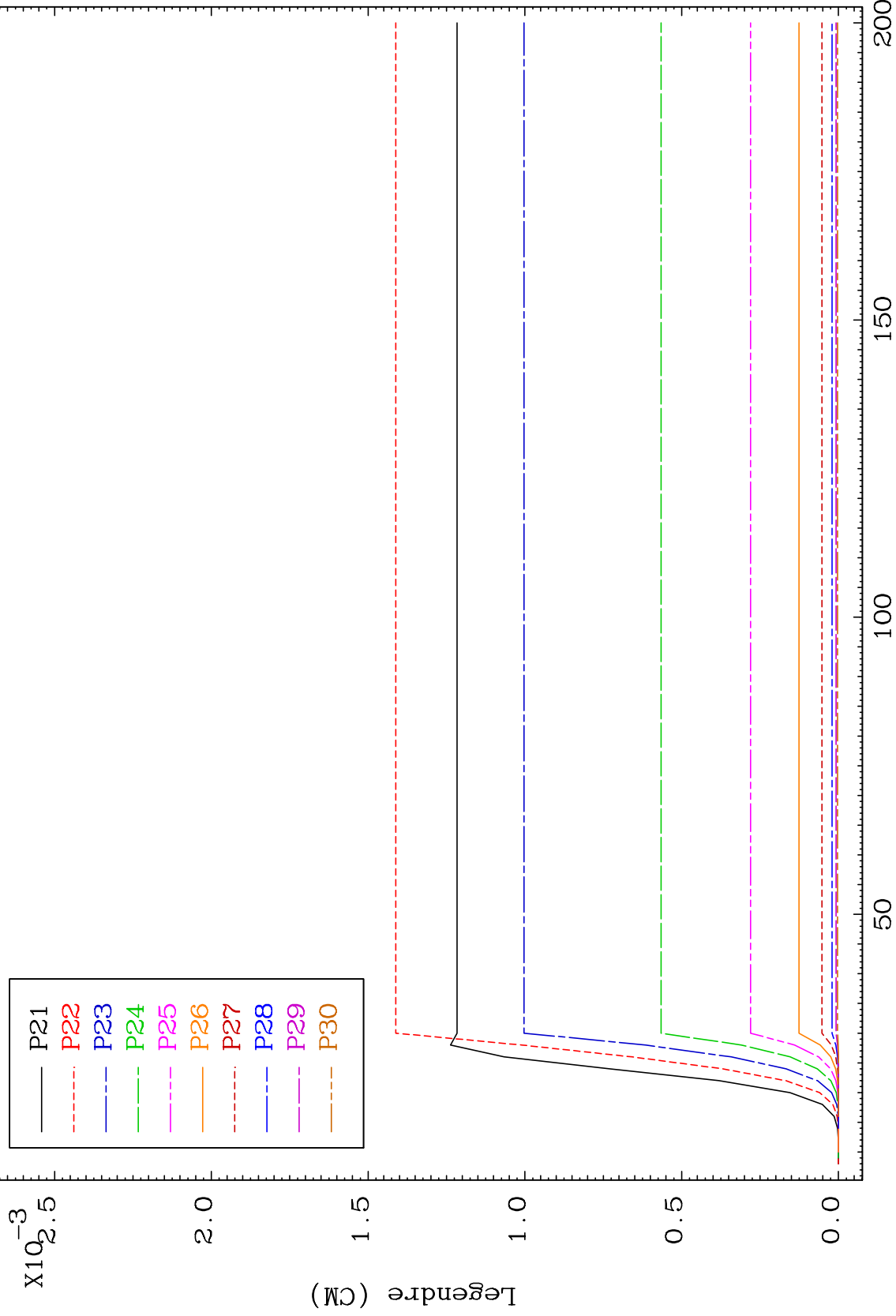
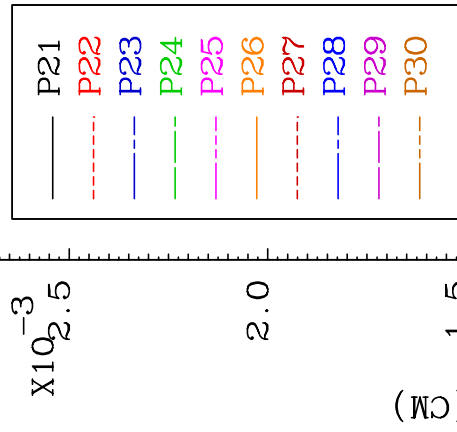




MAT 8010

1.081 MeV (n, n') Level
Legendre Coefficients

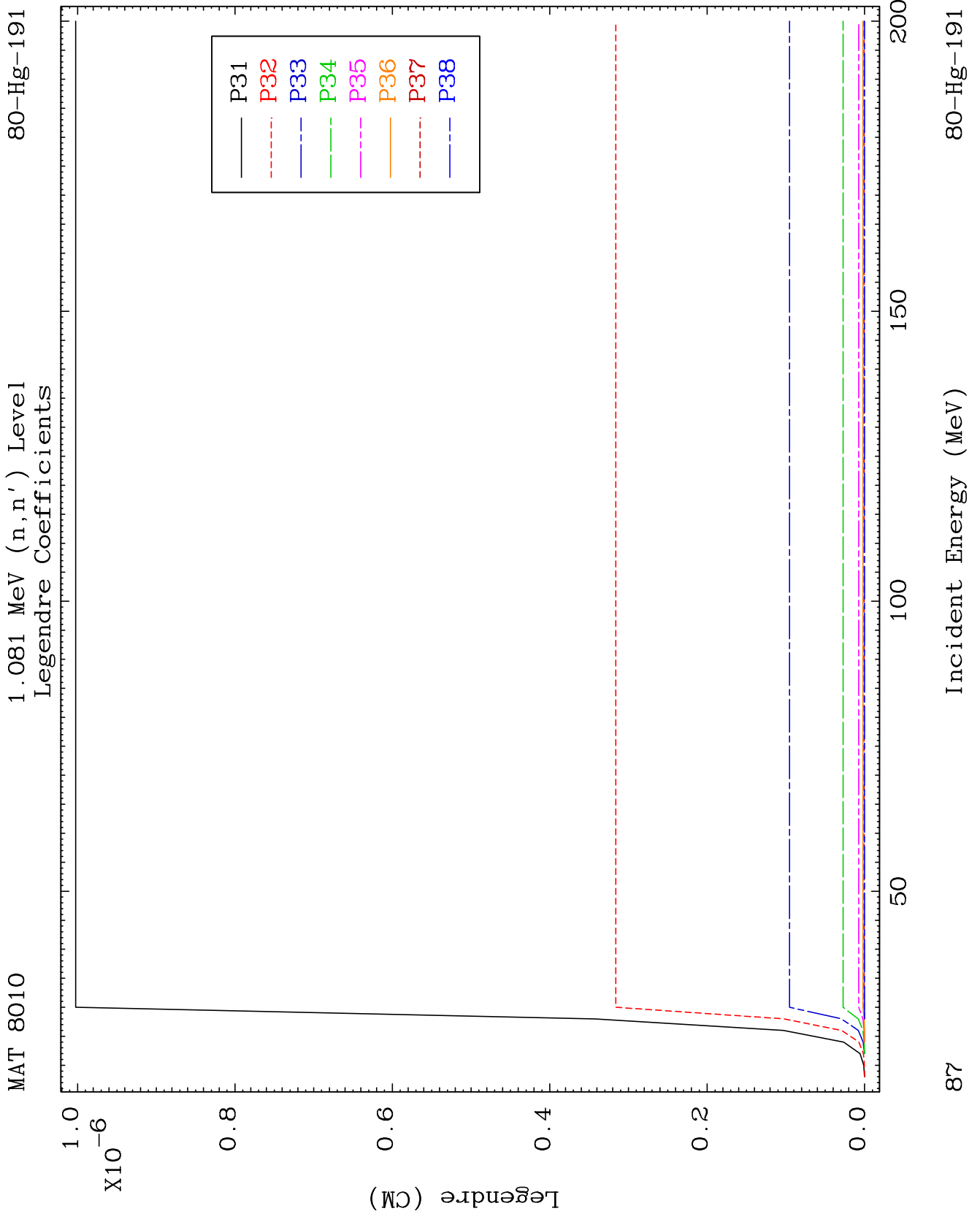
80-Hg-191

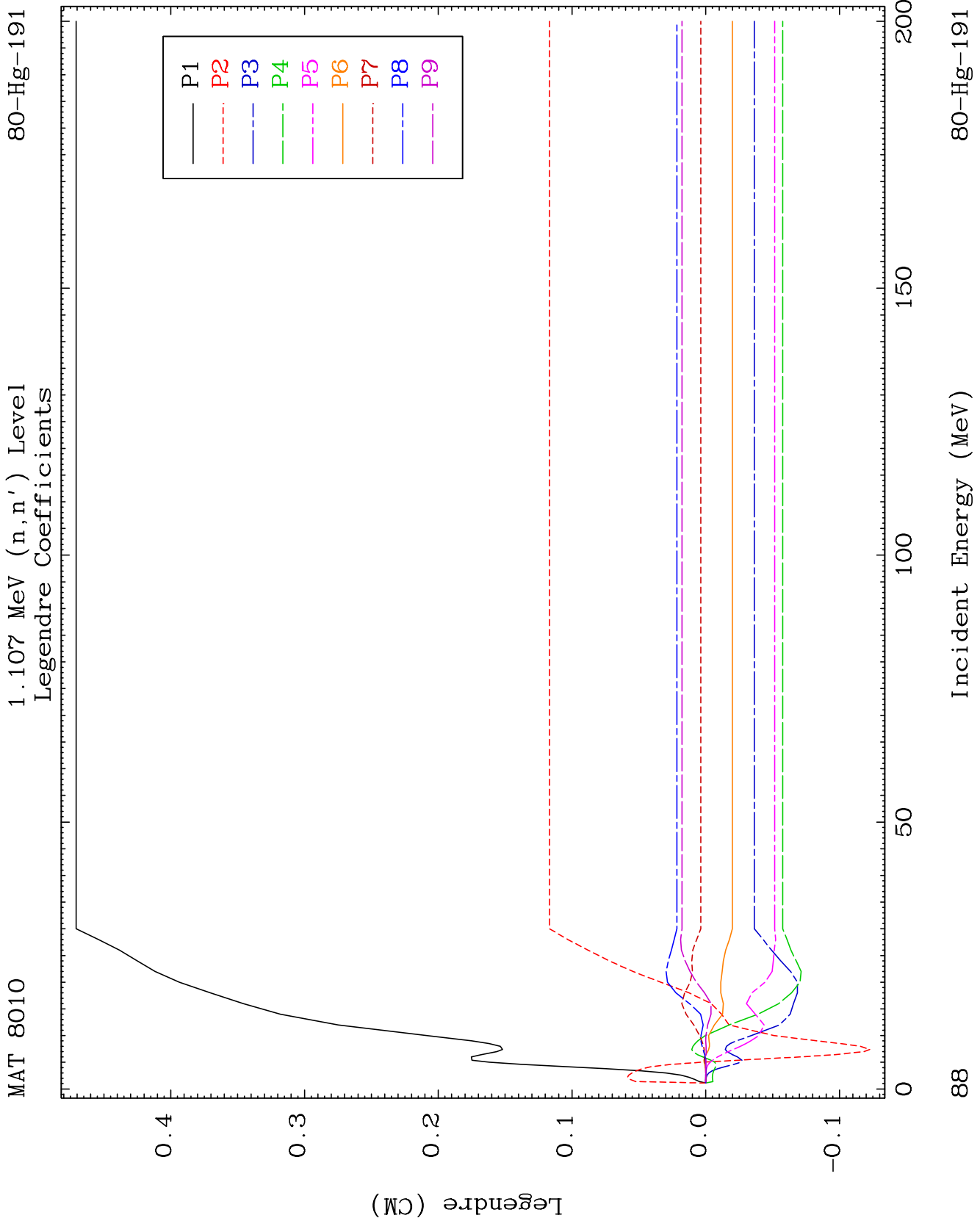


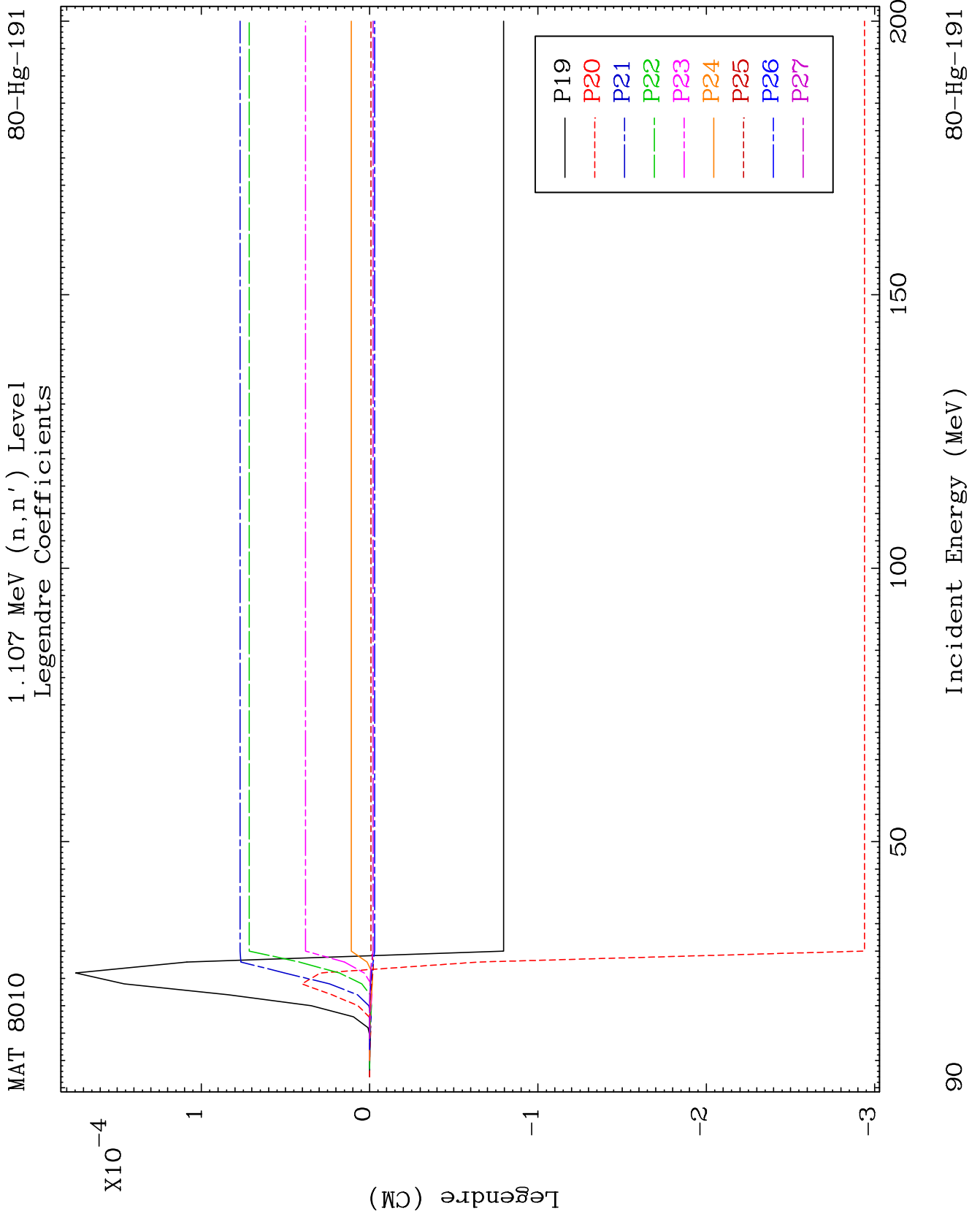
86

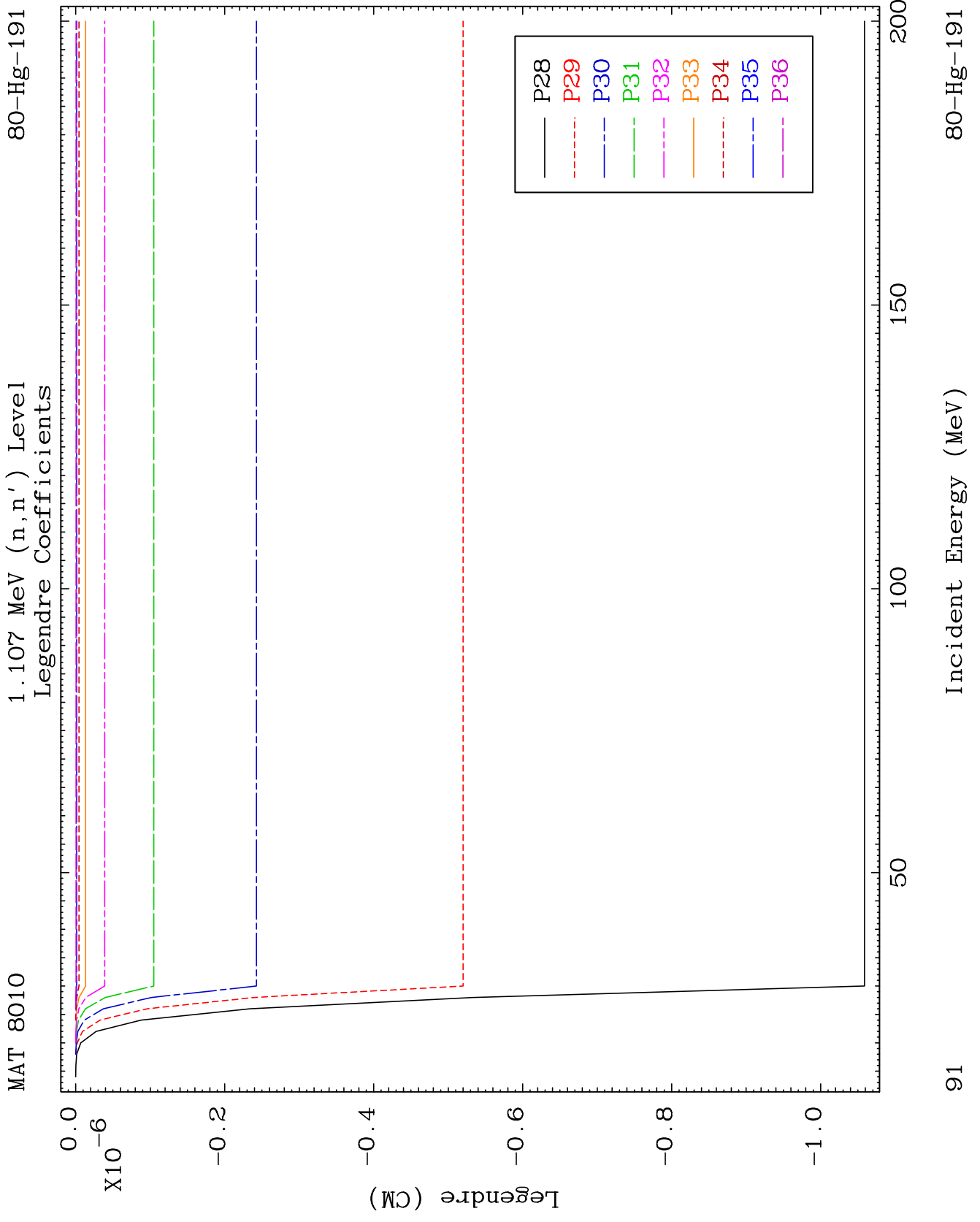
Incident Energy (MeV)

80-Hg-191





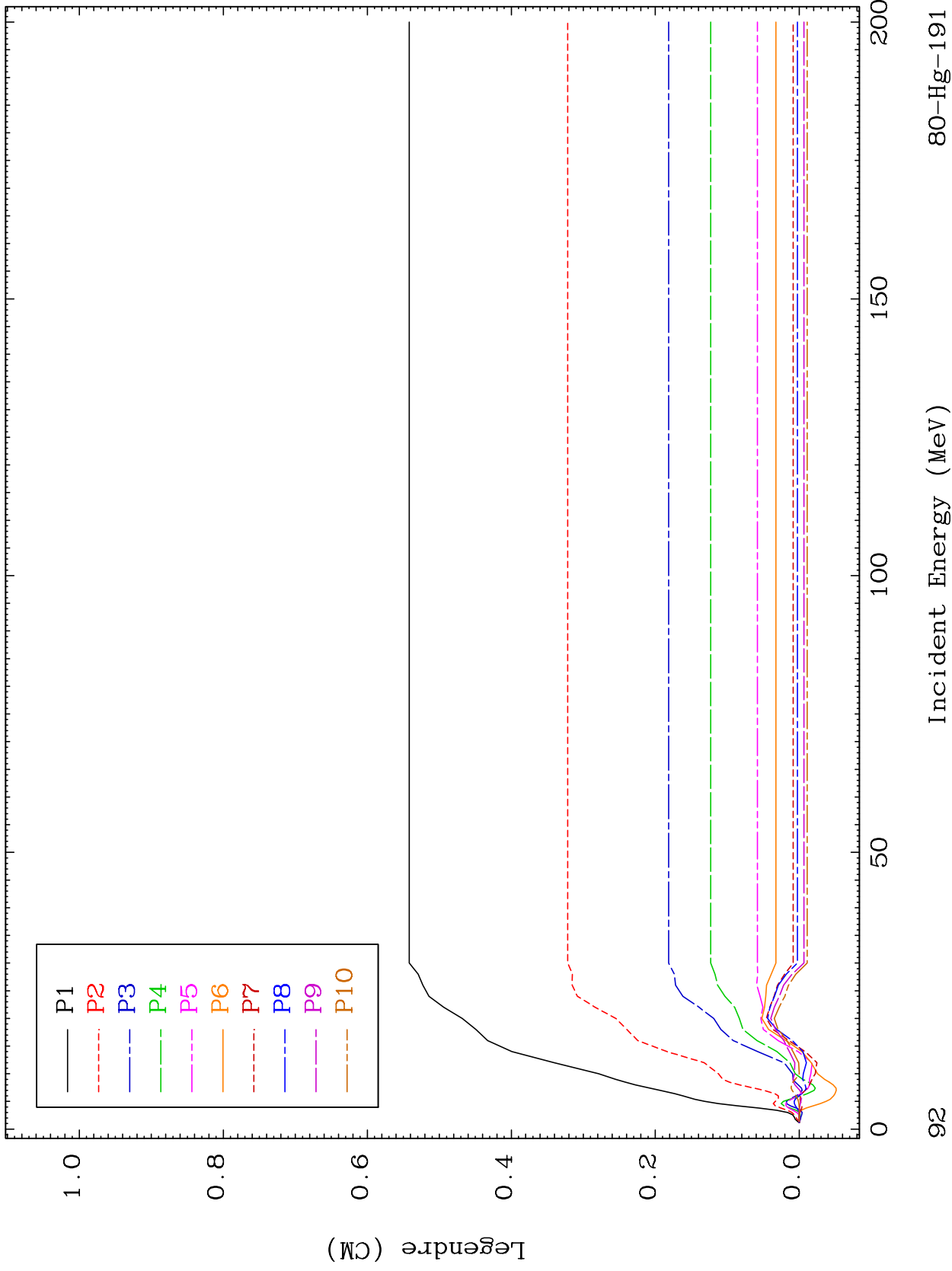


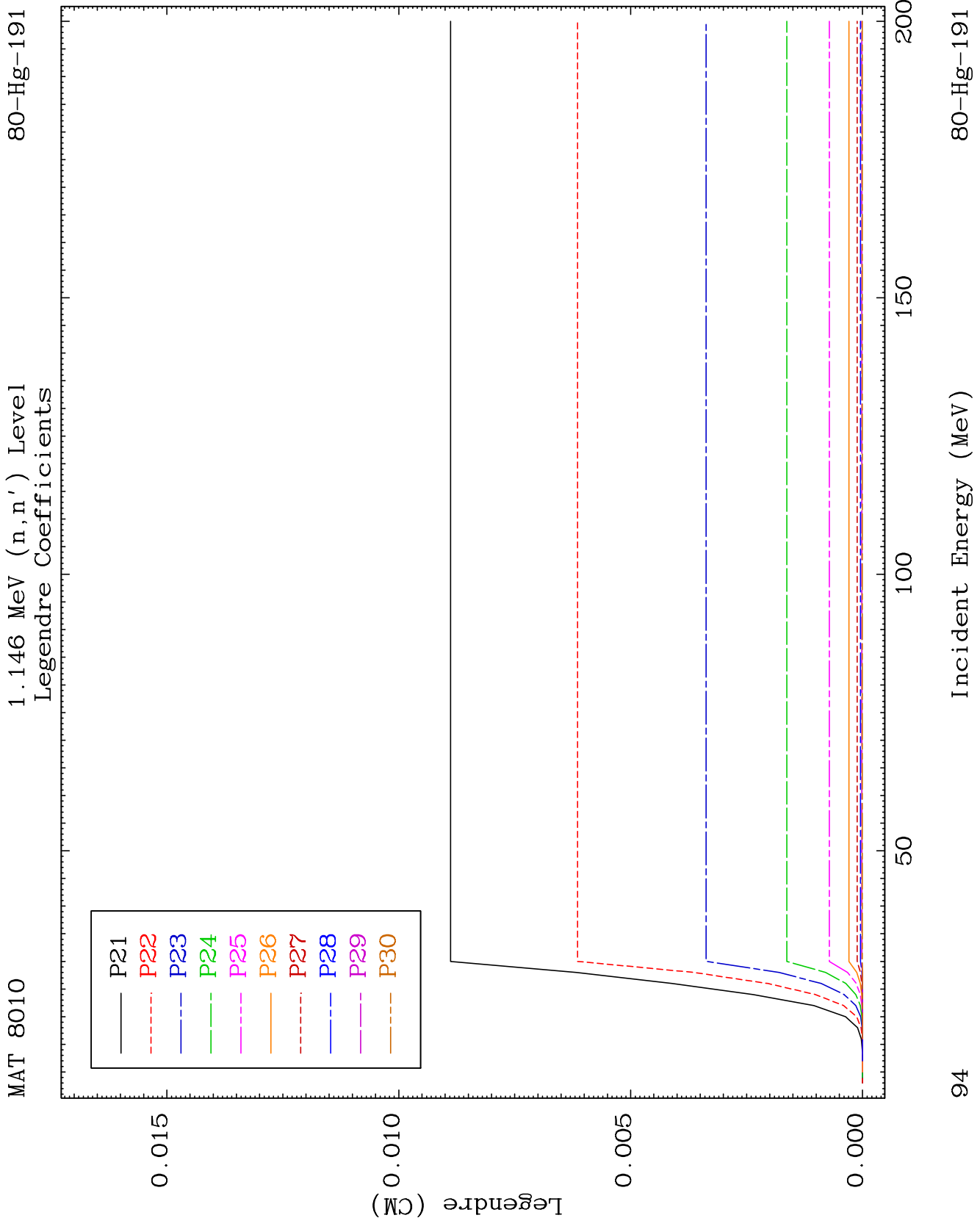


MAT 8010

1.146 MeV (n, n') Level
Legendre Coefficients

80-Hg-191

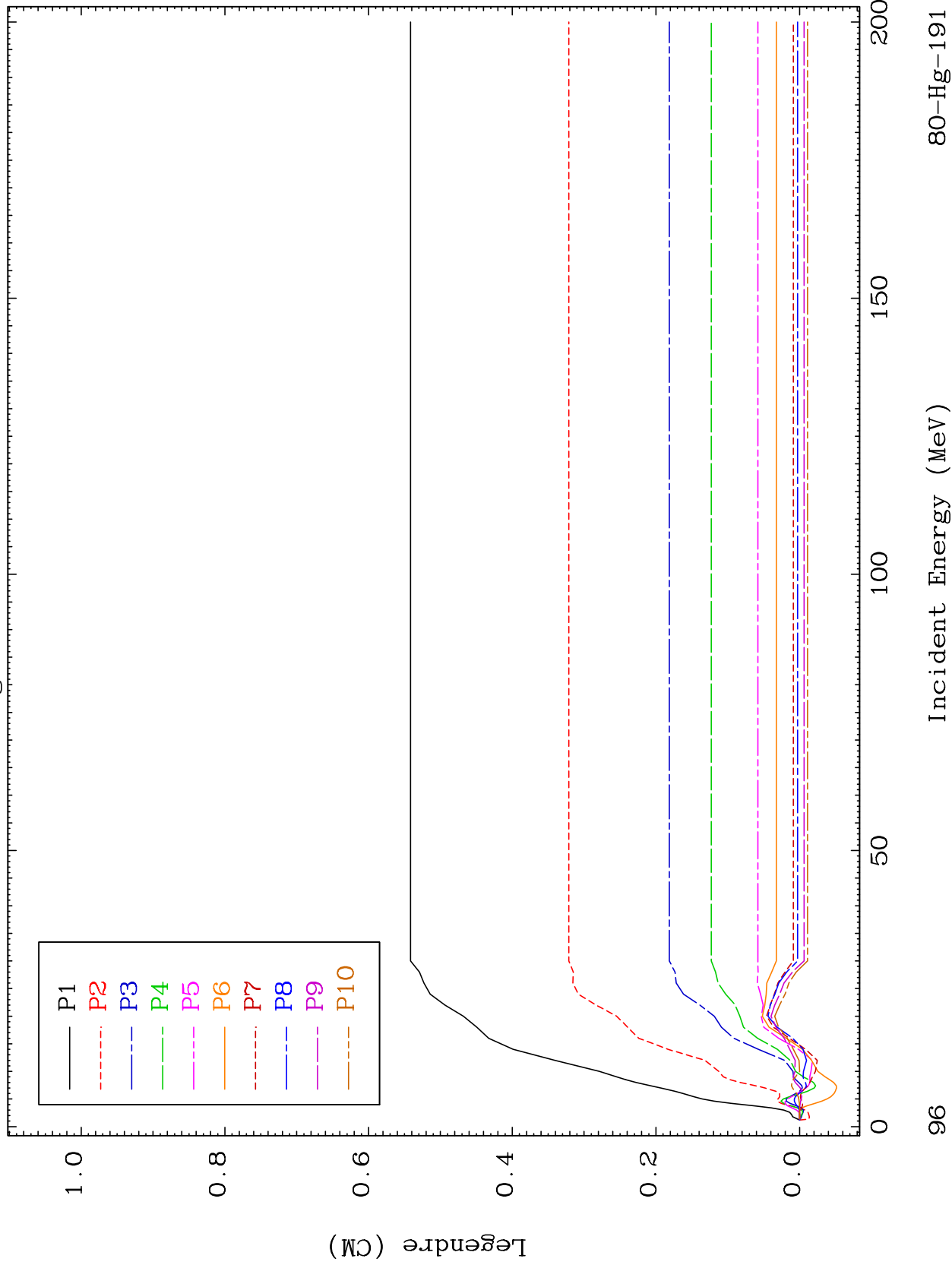




MAT 8010

1.178 MeV (n,n') Level
Legendre Coefficients

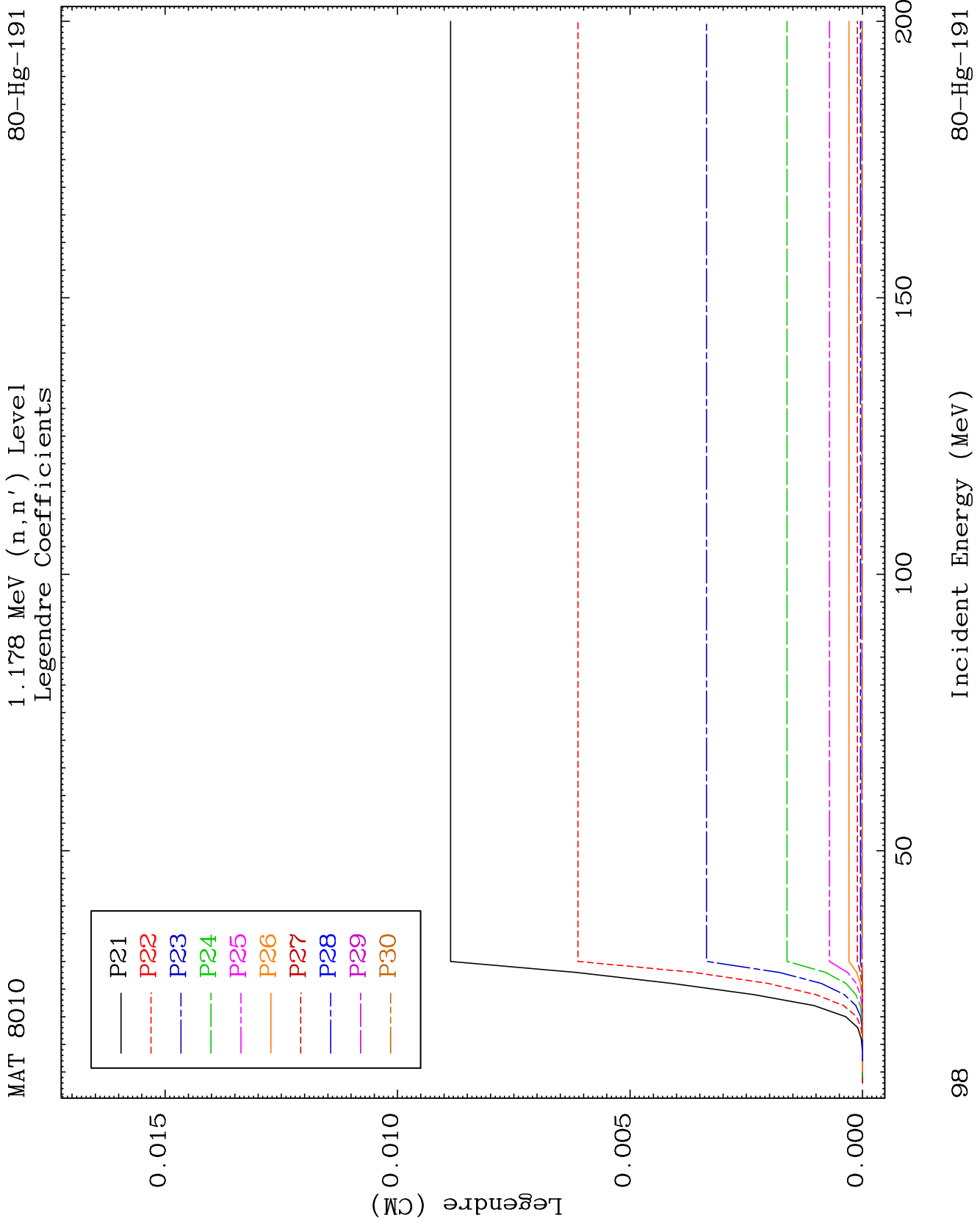
80-Hg-191

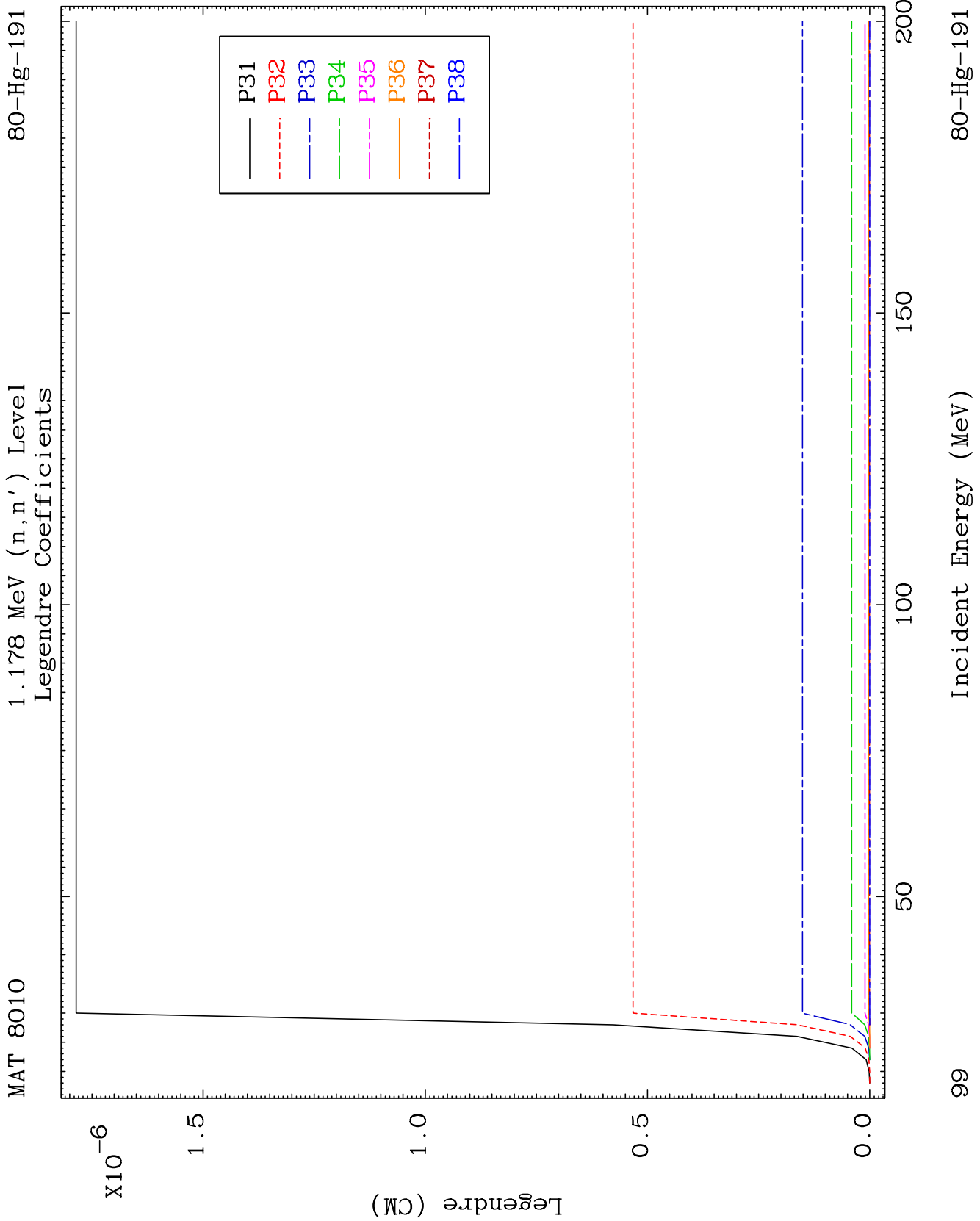


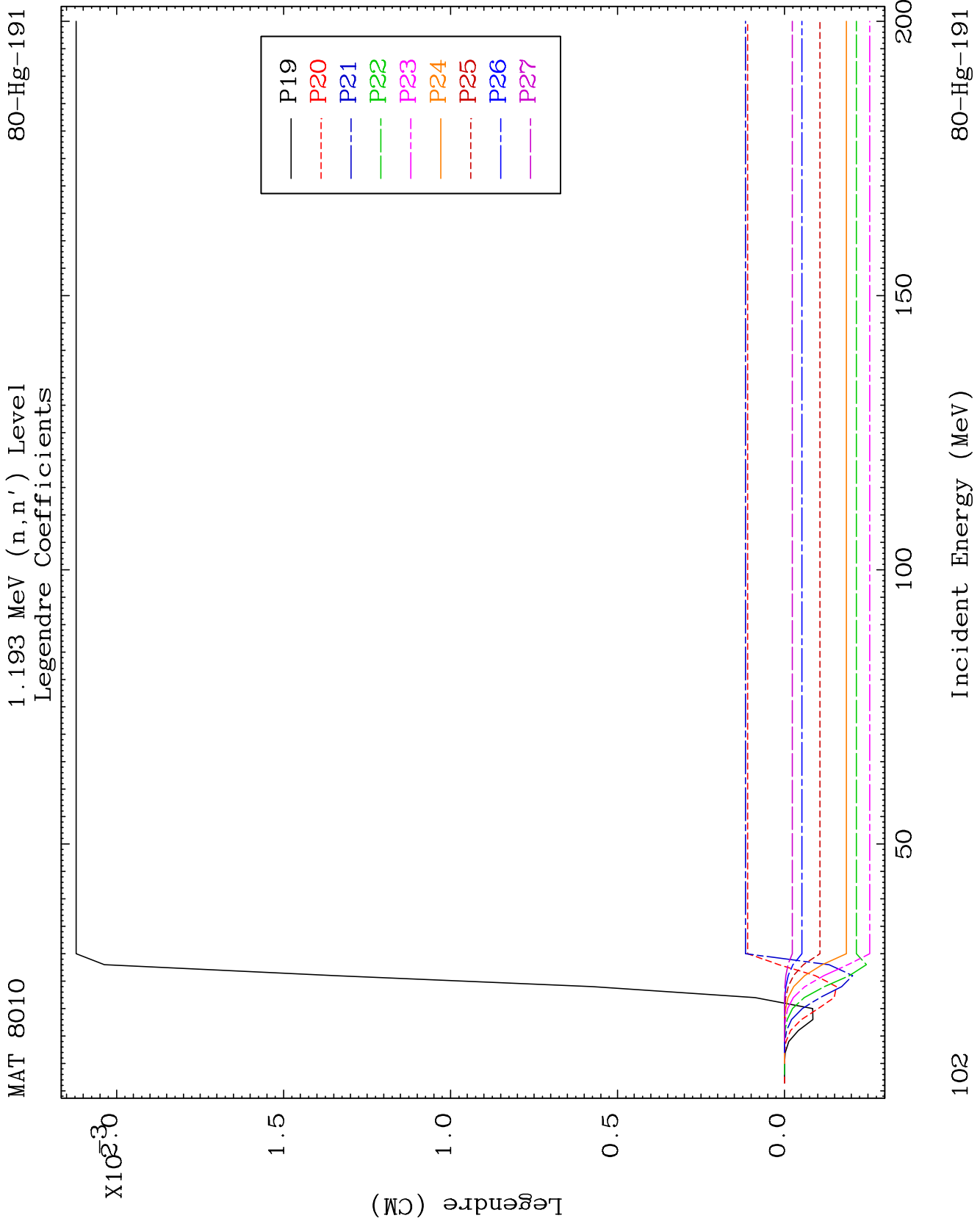
96

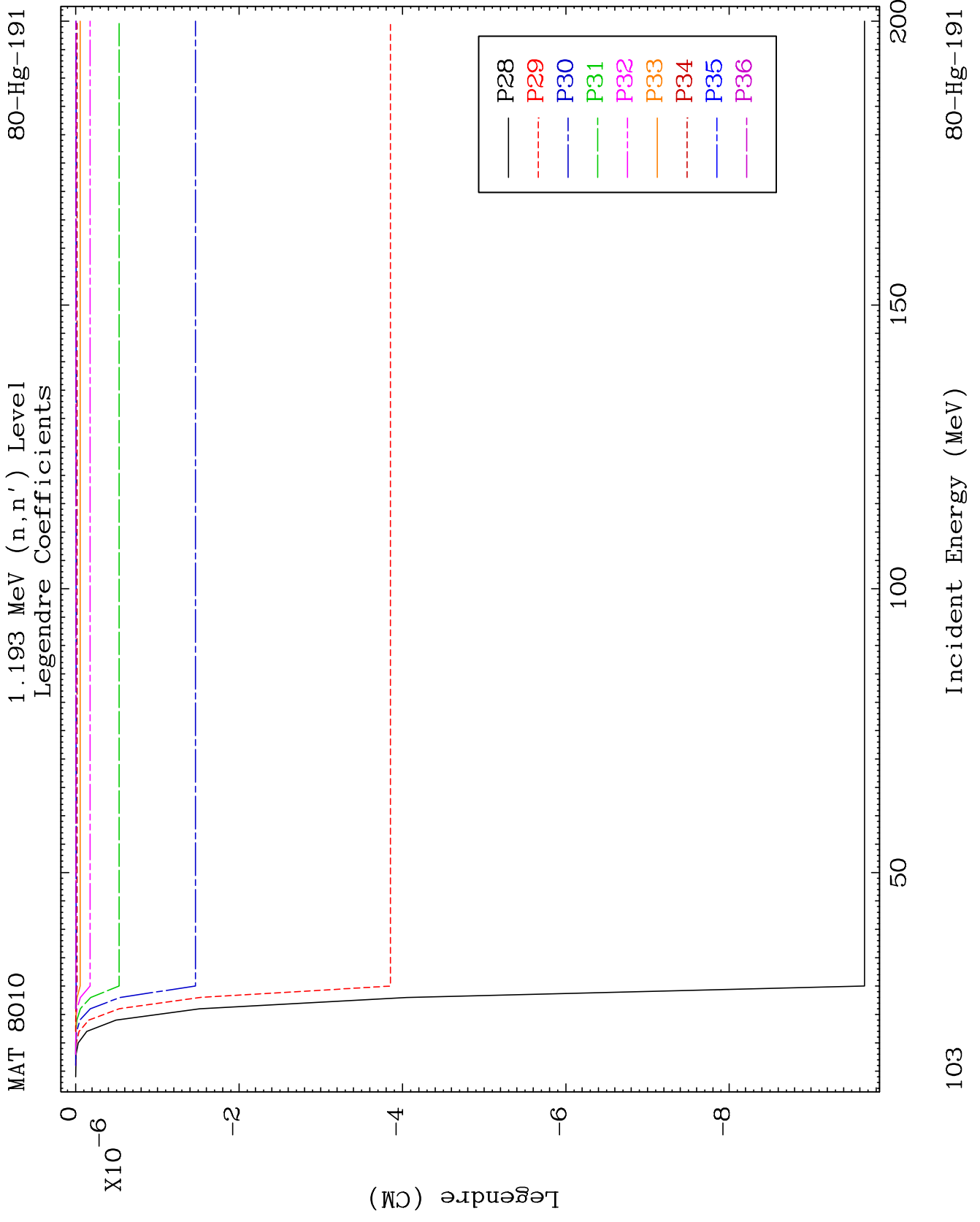
Incident Energy (MeV)

80-Hg-191





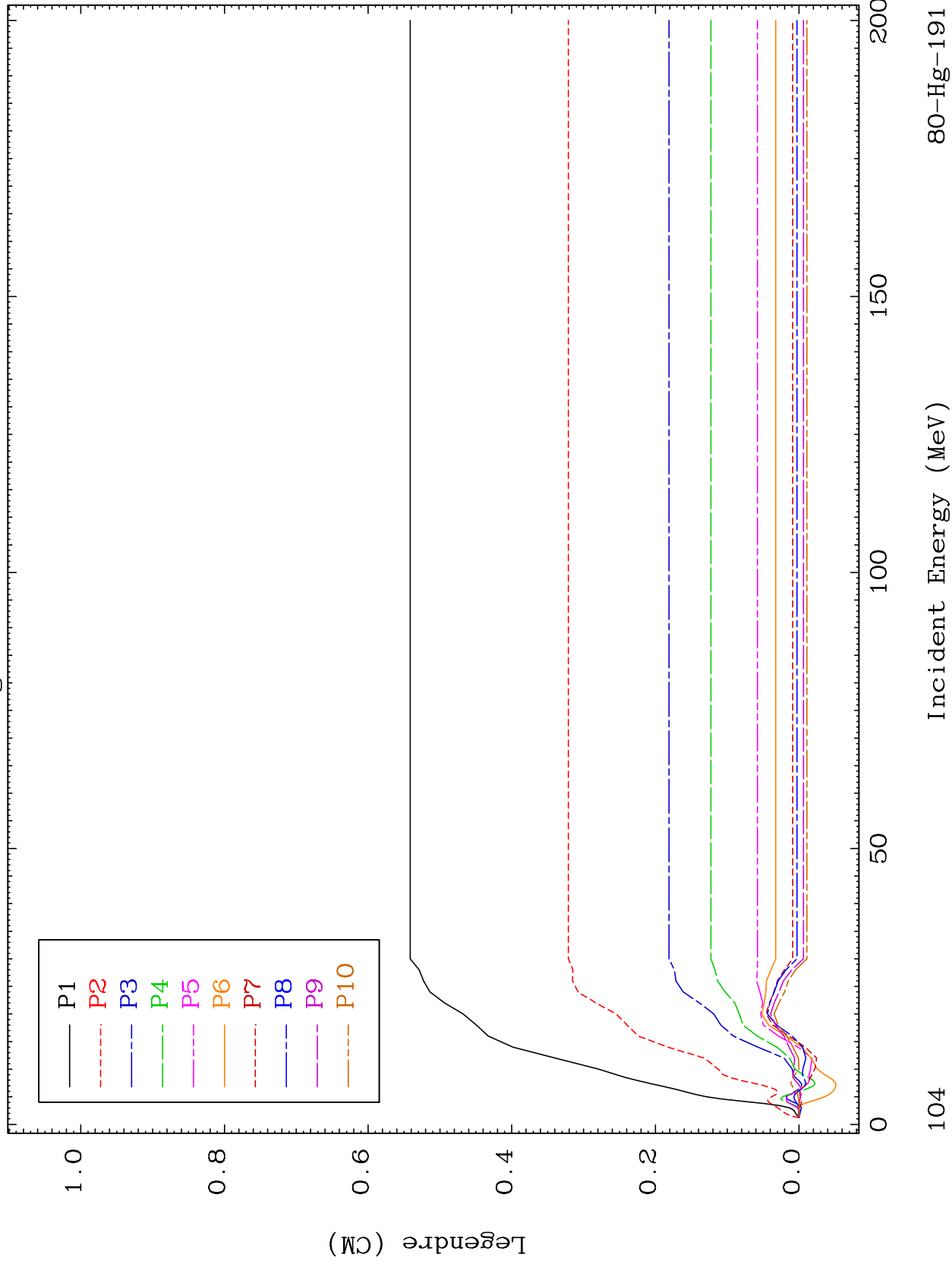




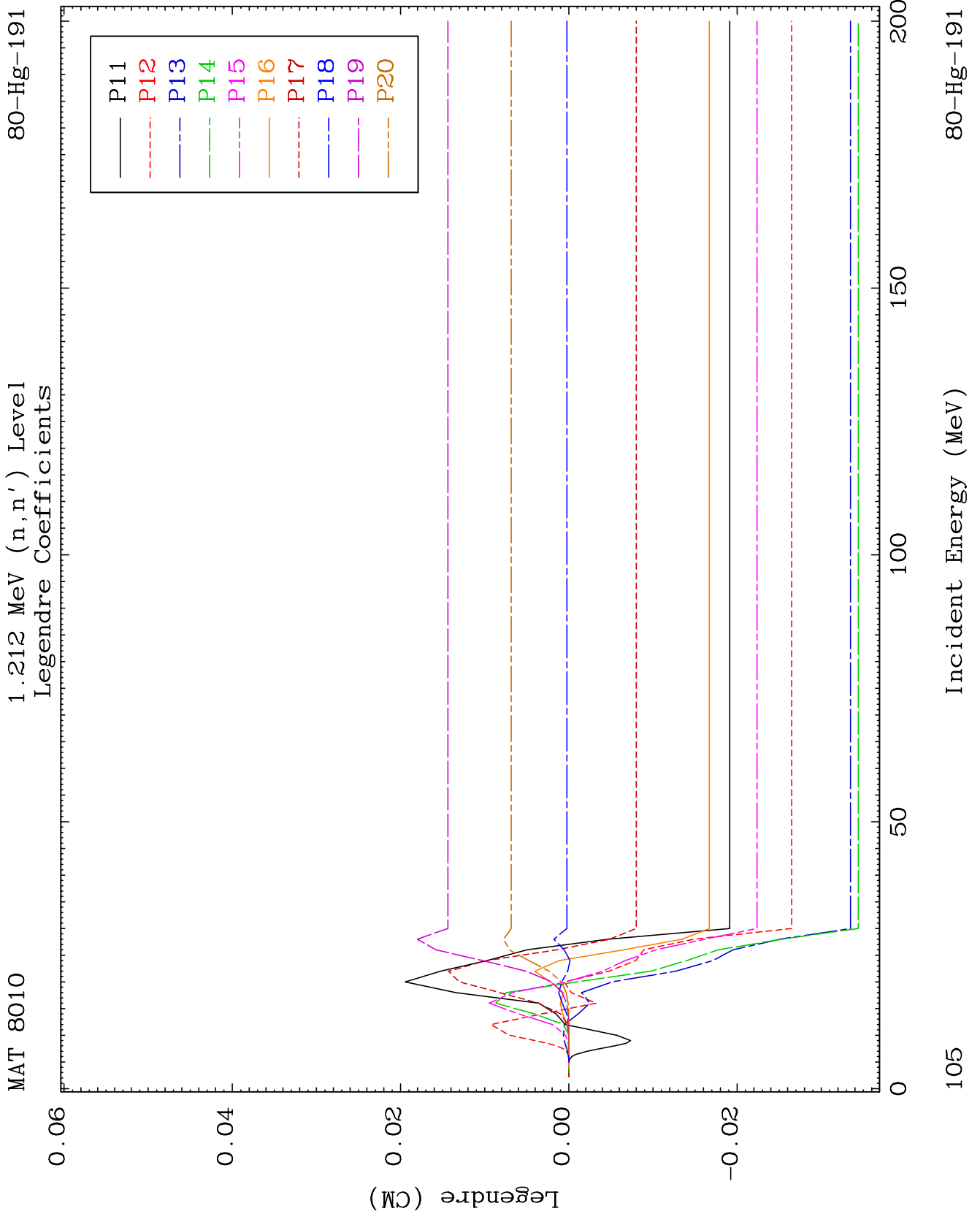
MAT 8010

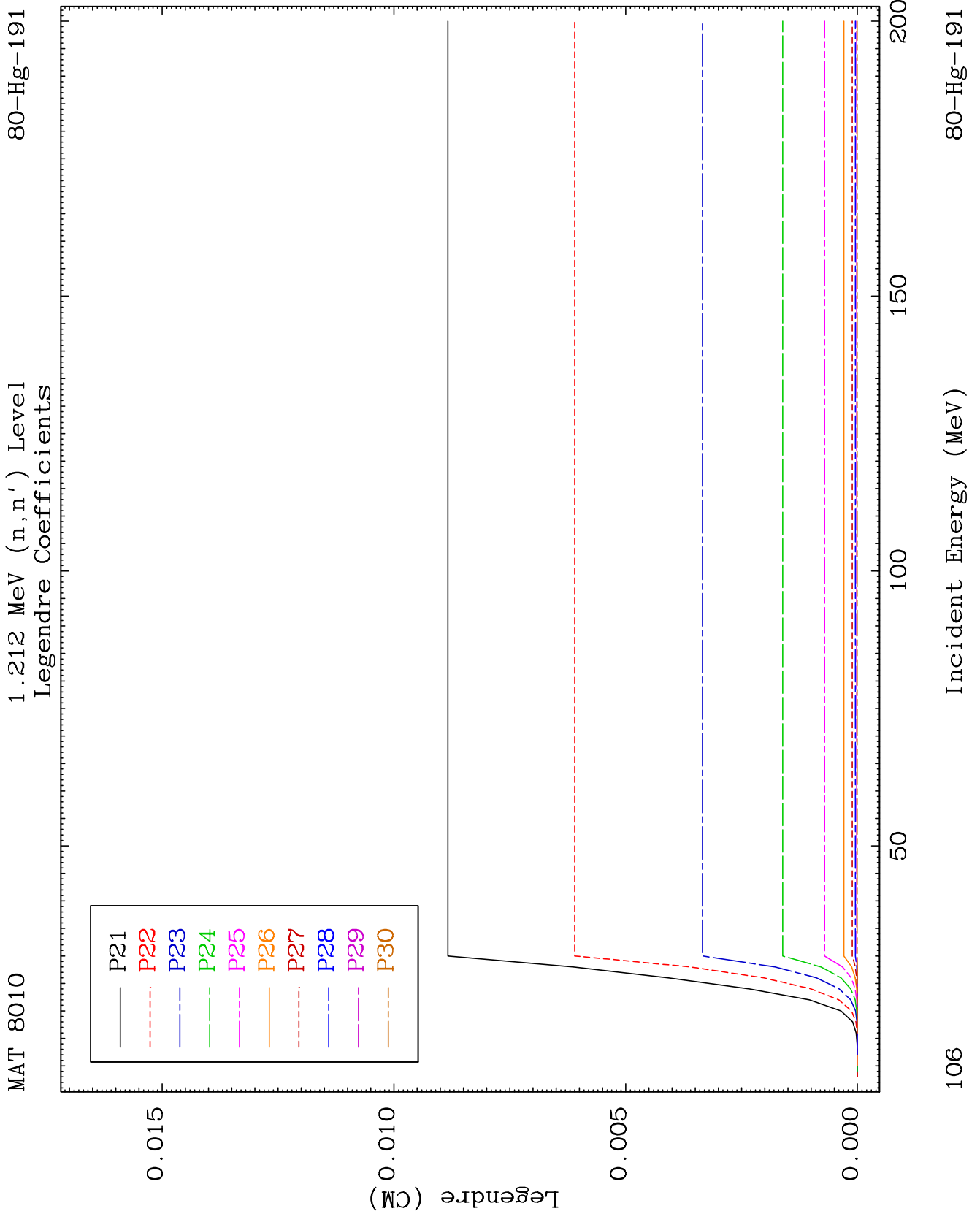
1.212 MeV (n,n') Level
Legendre Coefficients

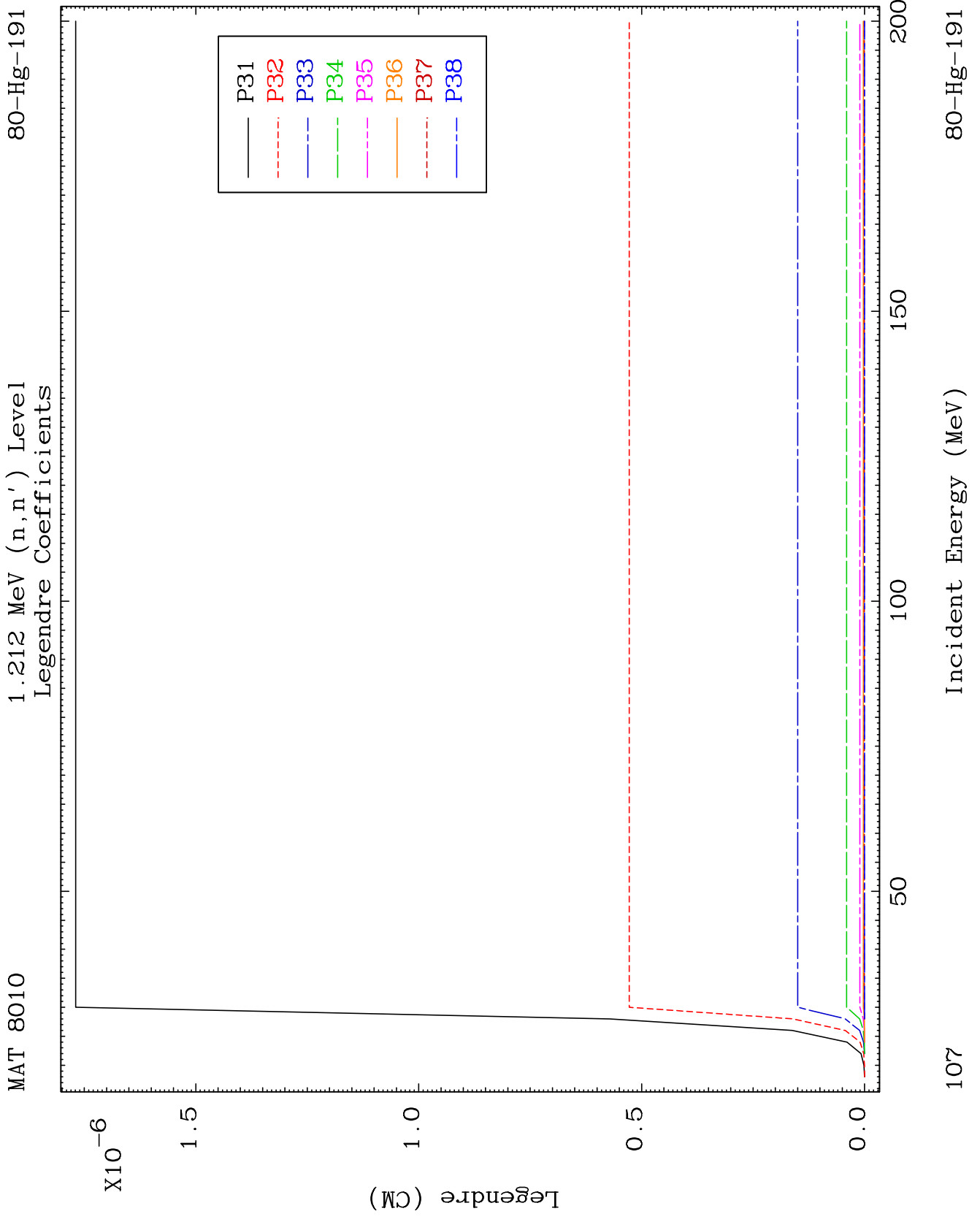
80-Hg-191



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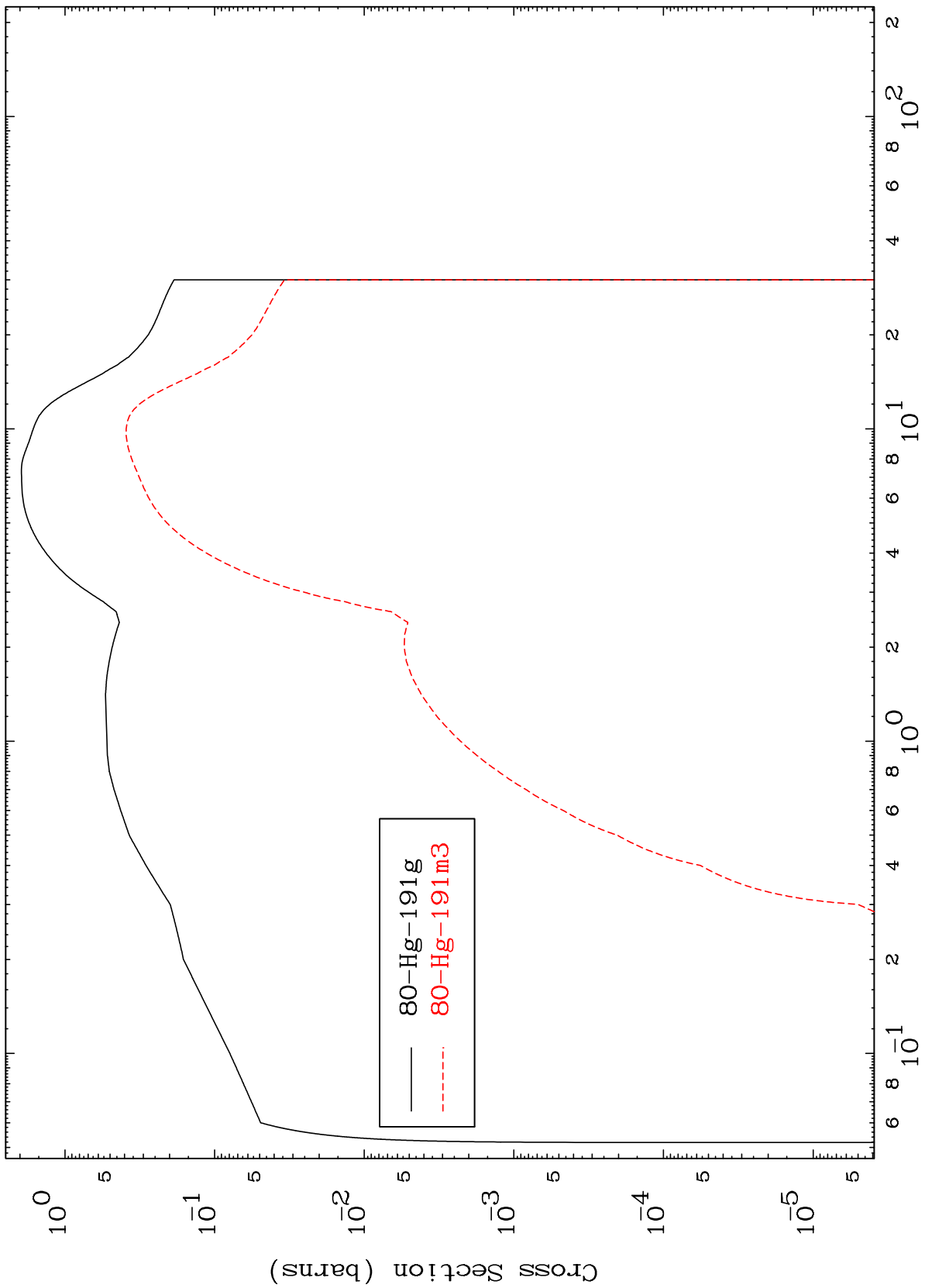




MAT 8010

80-Hg-191

Inelastic
Radionuclide Production Cross Section



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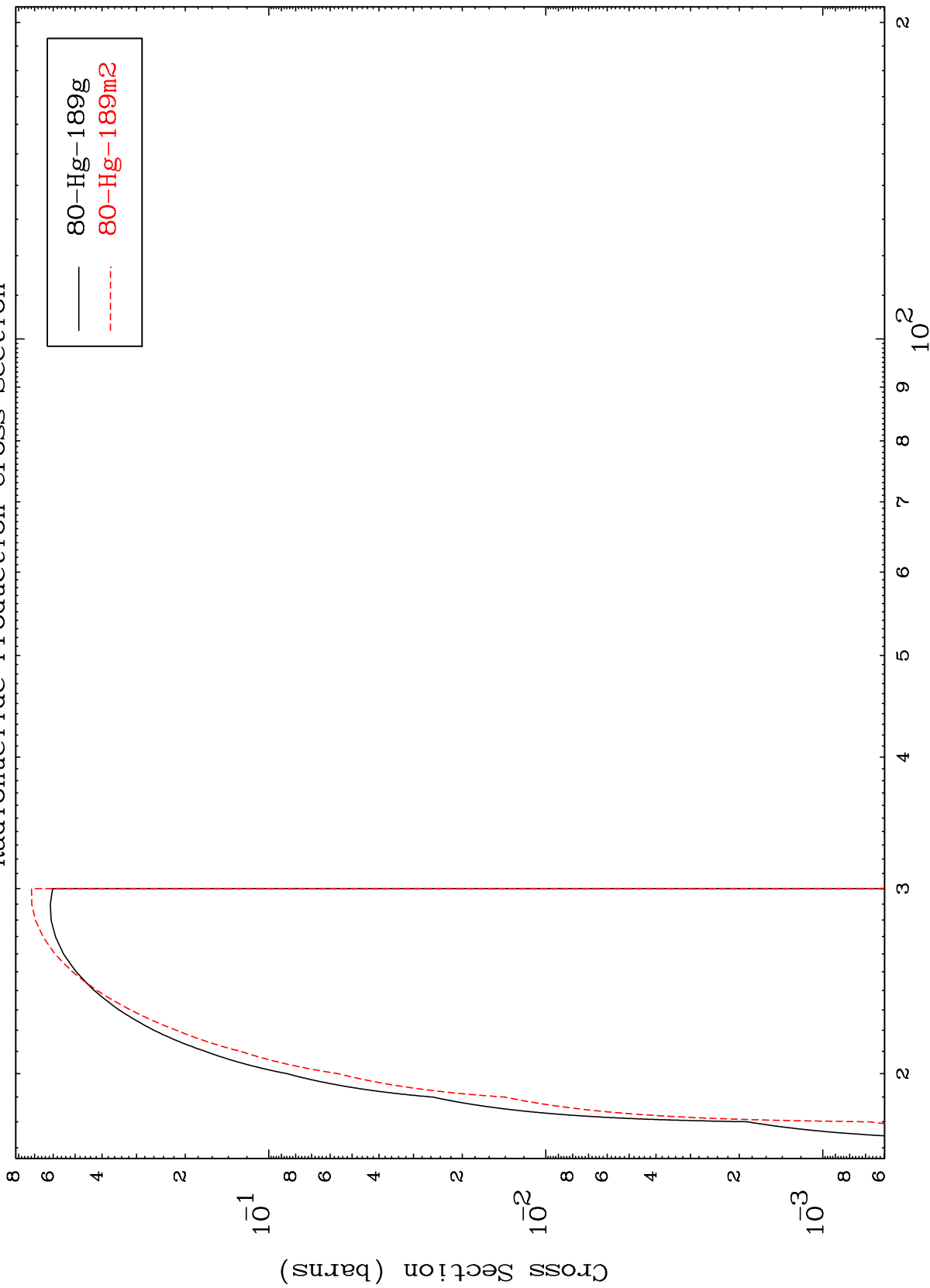
80-Hg-191

Incident Energy (MeV)

MAT 8010

80-Hg-191

(n,3n)
Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

109

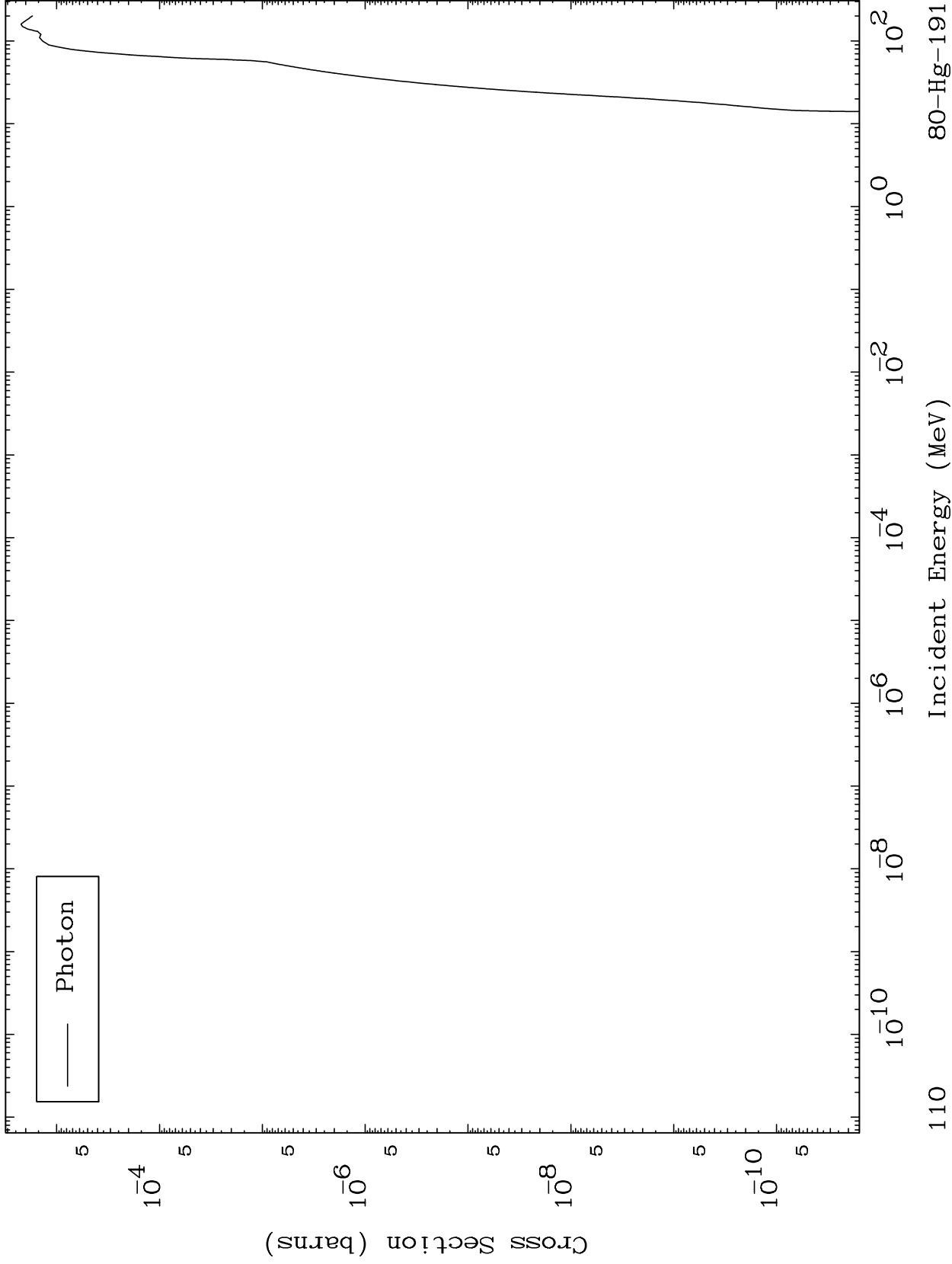
Incident Energy (MeV)

80-Hg-191

MAT 8010

Fission
Radionuclide Production Cross Section

80-Hg-191

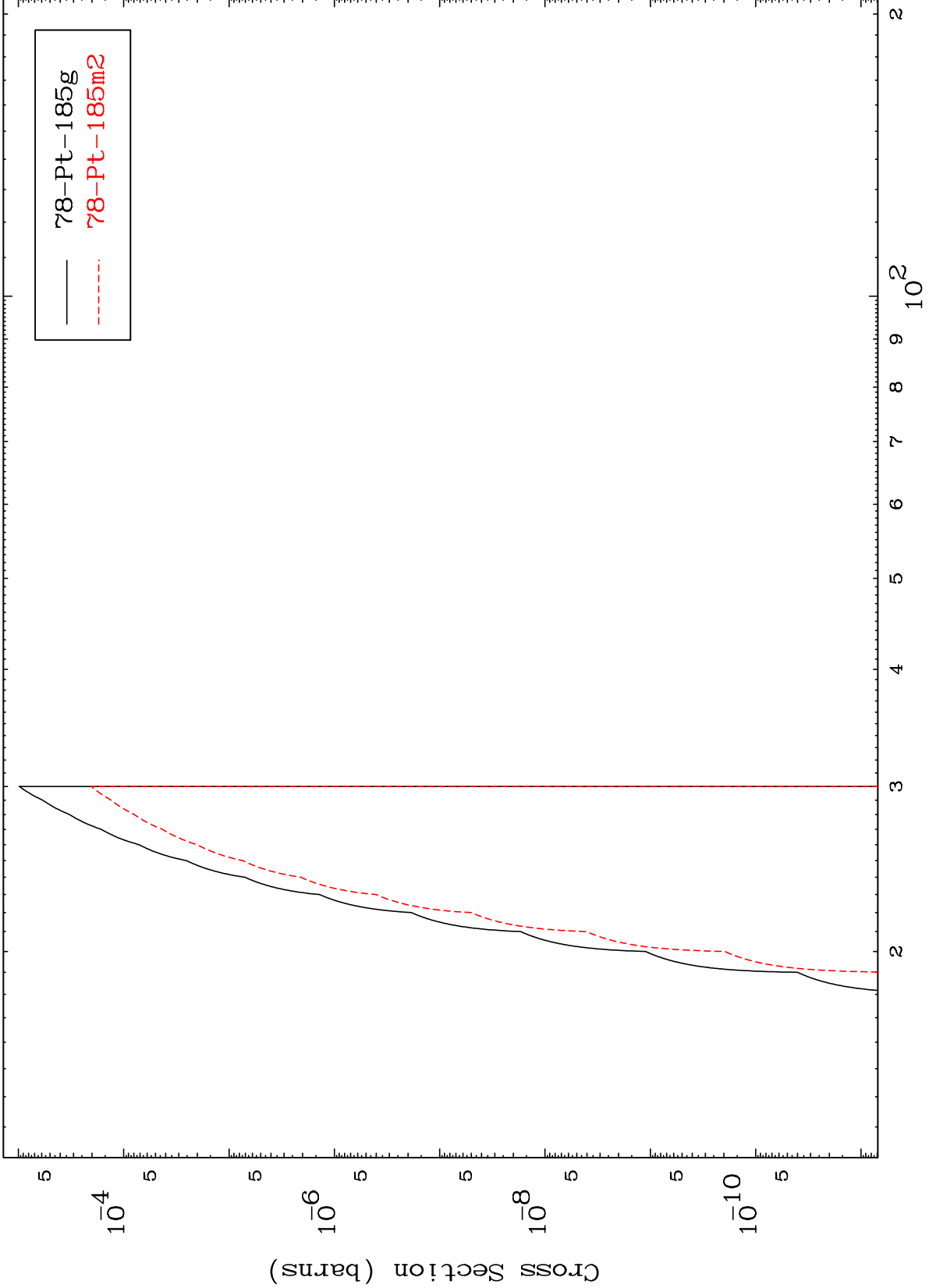


MAT 8010

(n,3n) α

80-Hg-191

Radionuclide Production Cross Section



111

Incident Energy (MeV)

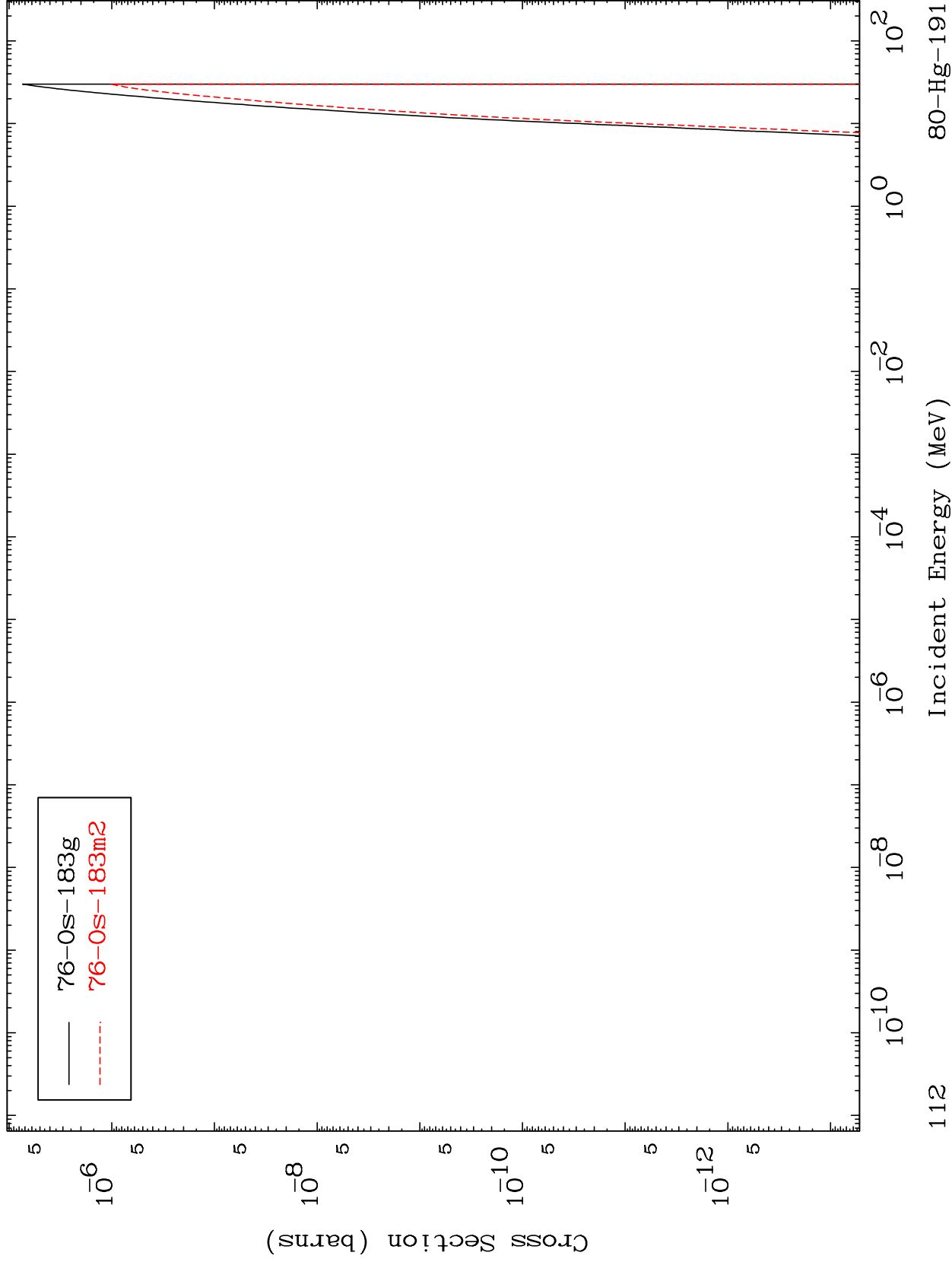
80-Hg-191

MAT 8010

(n,n') 2 α

80-Hg-191

Radionuclide Production Cross Section

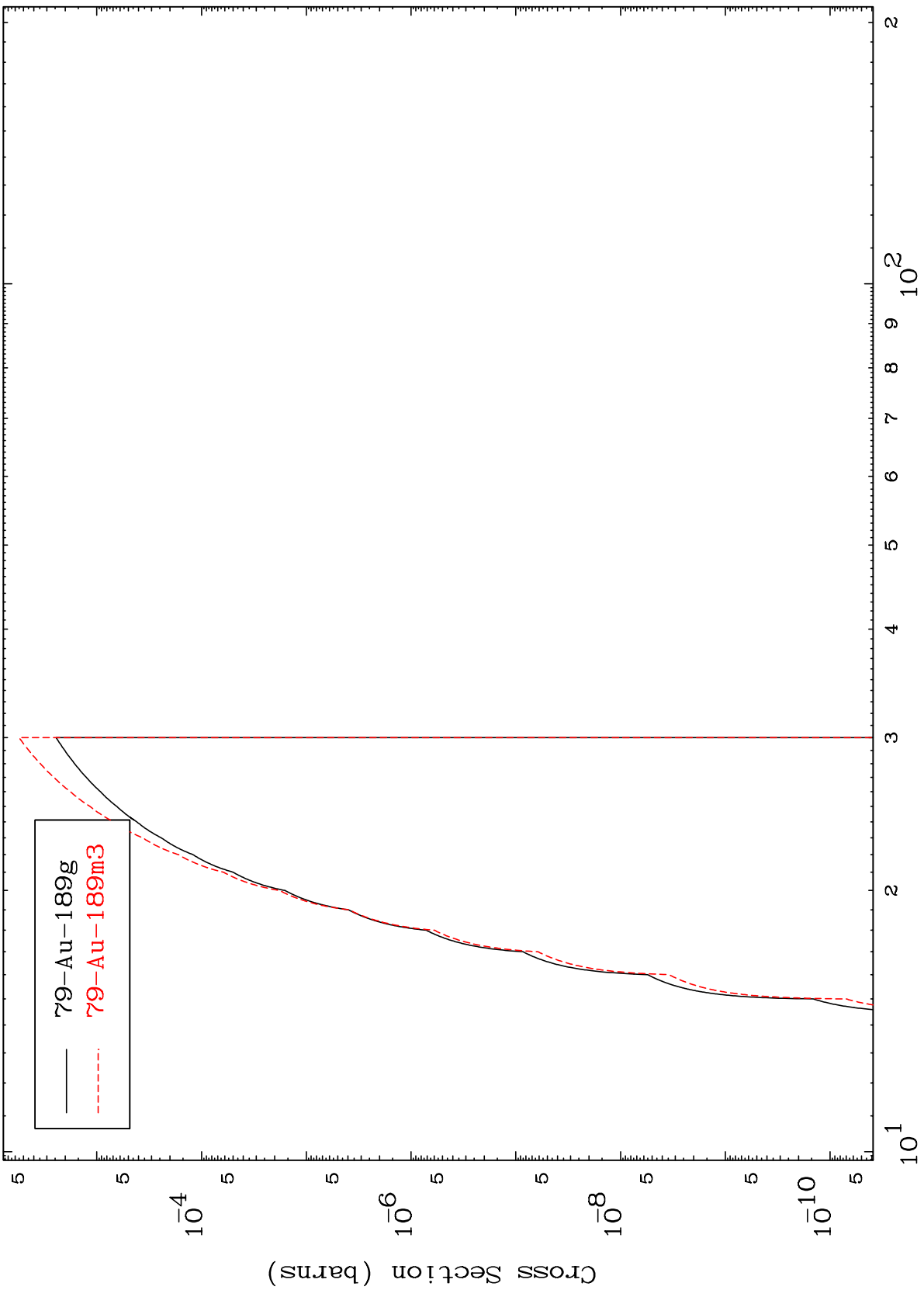


MAT 8010

(n,n') d

80-Hg-191

Radionuclide Production Cross Section

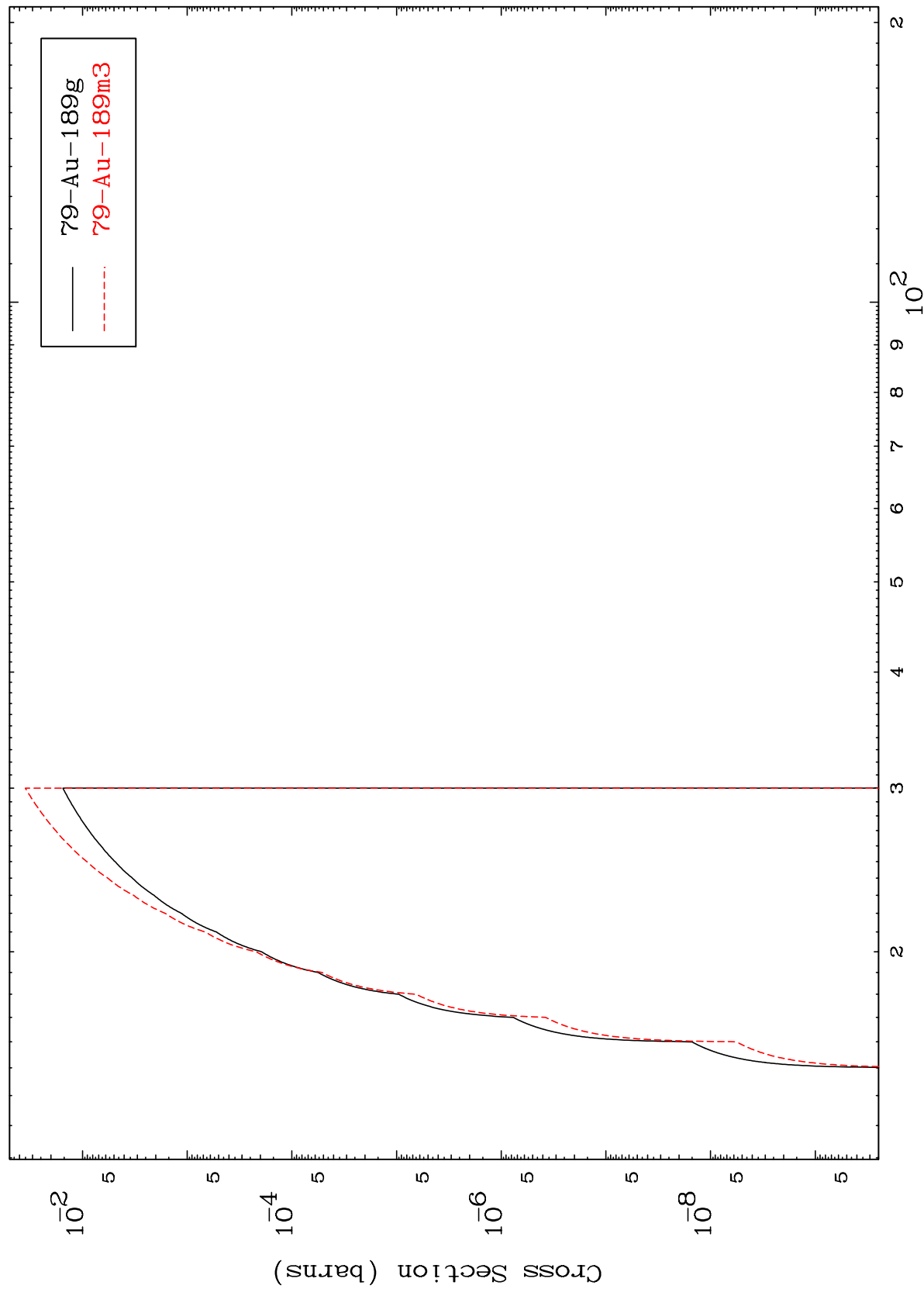


113

Incident Energy (MeV)

80-Hg-191

Radionuclide Production Cross Section

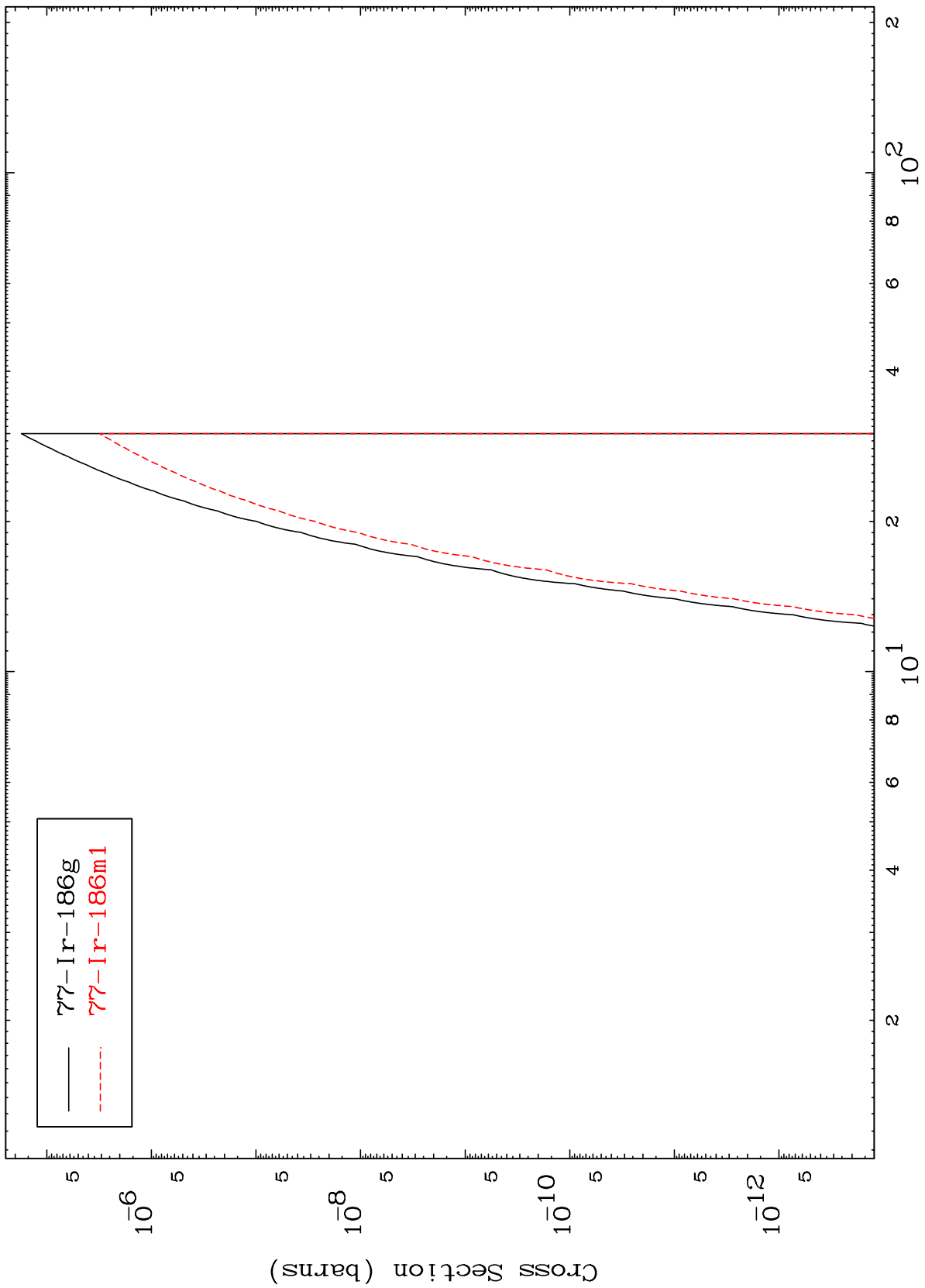


MAT 8010

(n,n') p α

80-Hg-191

Radionuclide Production Cross Section



115

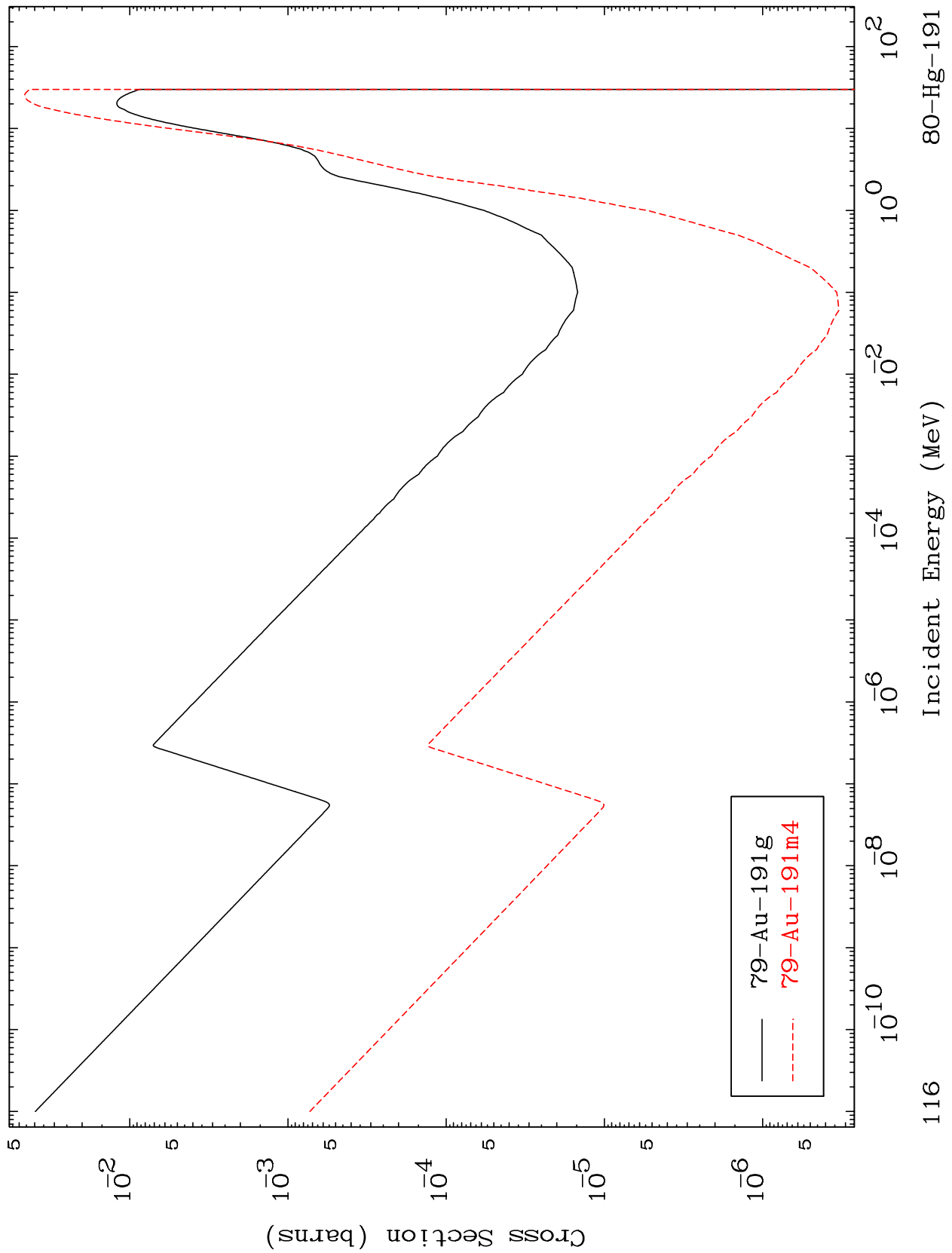
Incident Energy (MeV)

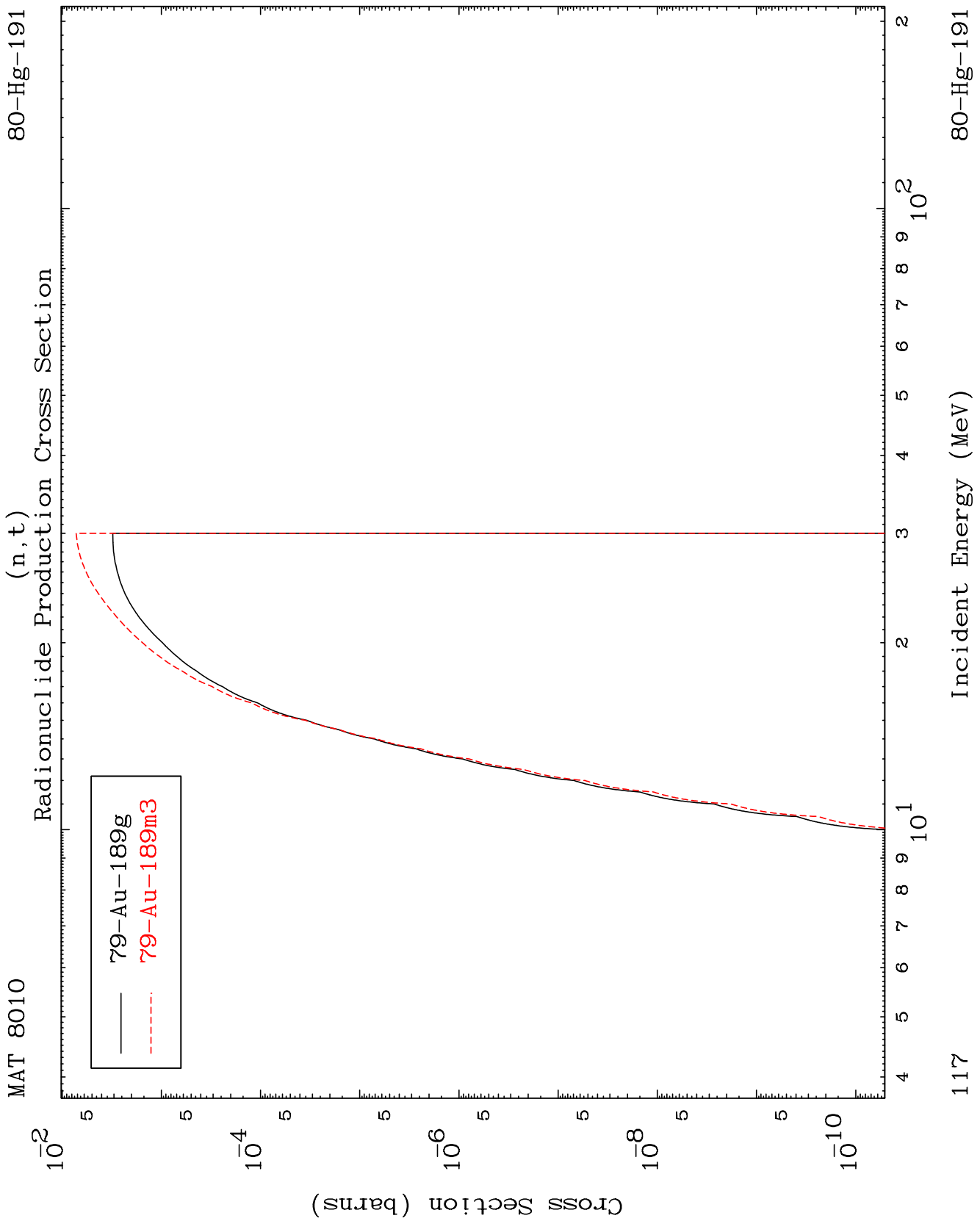
80-Hg-191

MAT 8010

80-Hg-191

Radionuclide Production Cross Section



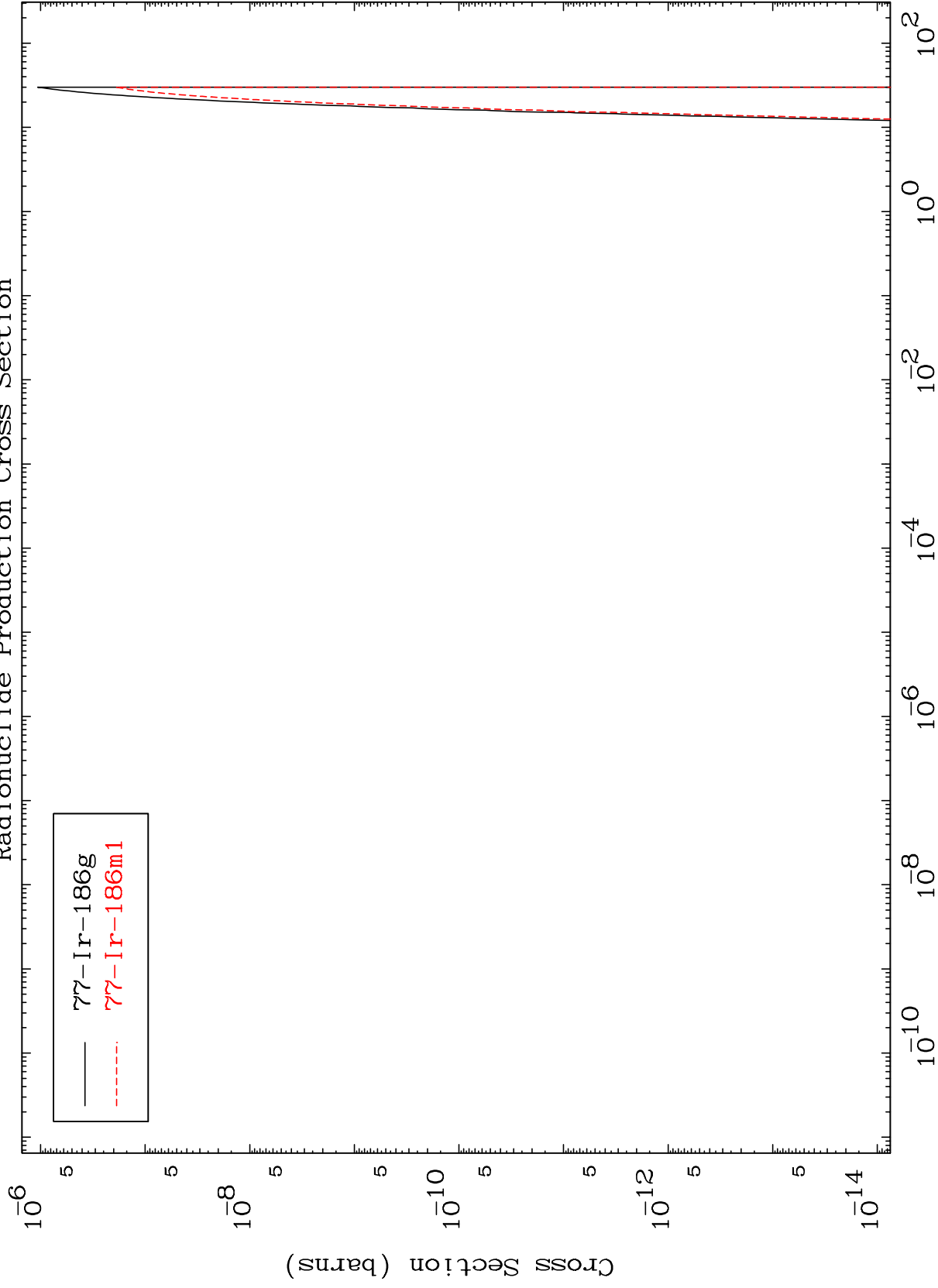


MAT 8010

(n,d) α

80-Hg-191

Radionuclide Production Cross Section



118

Incident Energy (MeV)

80-Hg-191