

Program EVALPLOT
(Version 2015-2)

by

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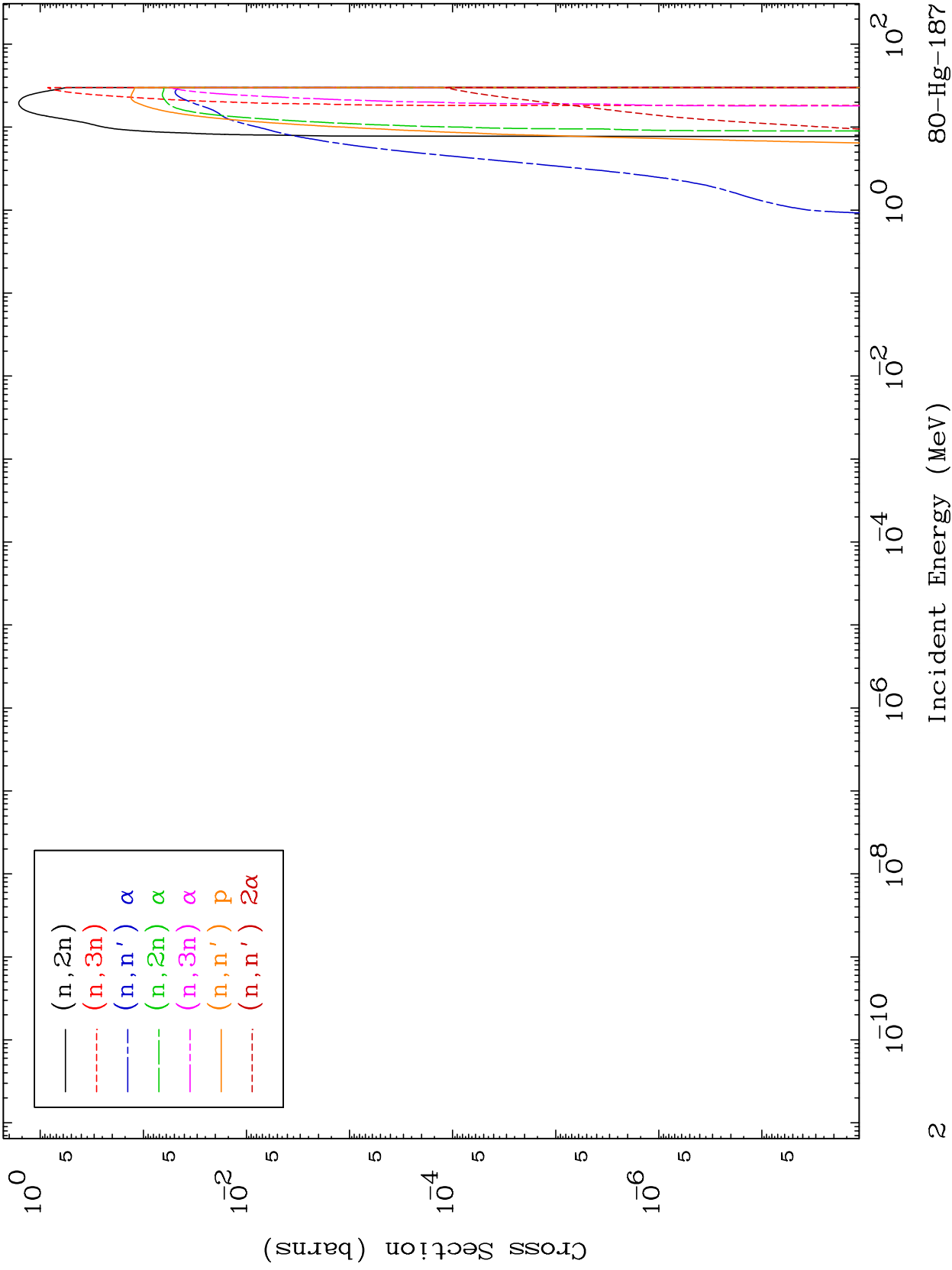
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7998

Neutron Production
293 Kelvin Cross Sections

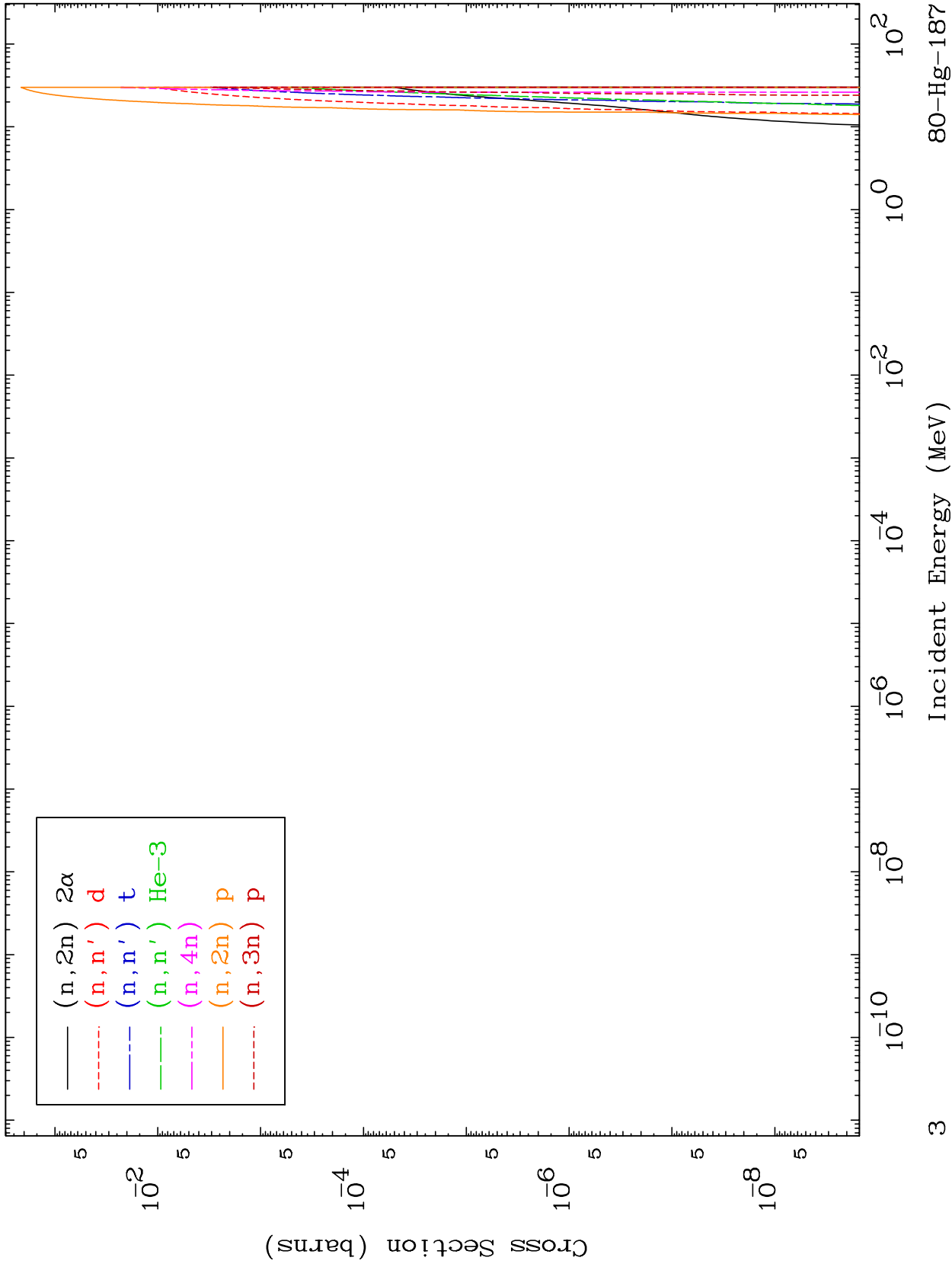
80-Hg-187



MAT 7998

Neutron Production
293 Kelvin Cross Sections

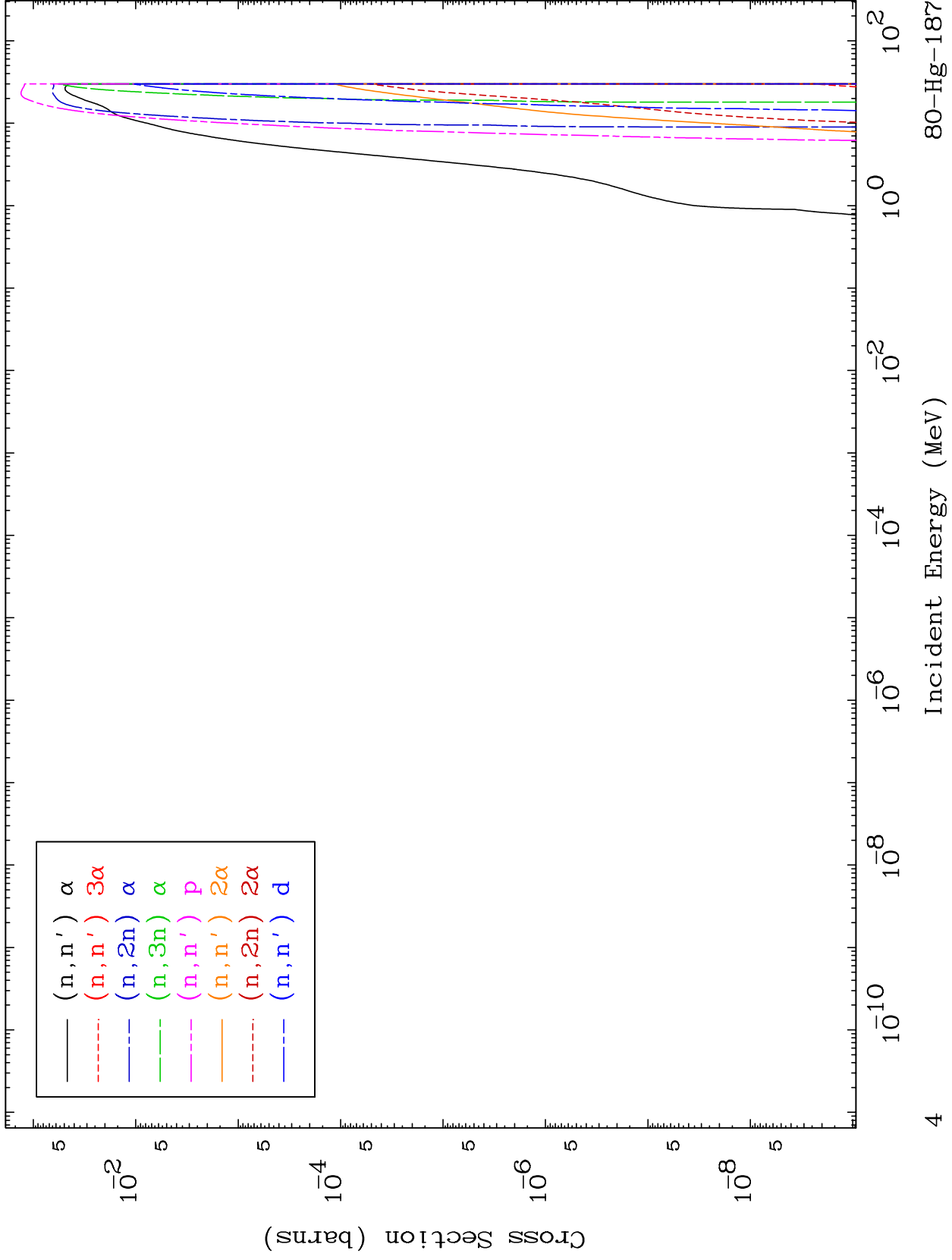
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

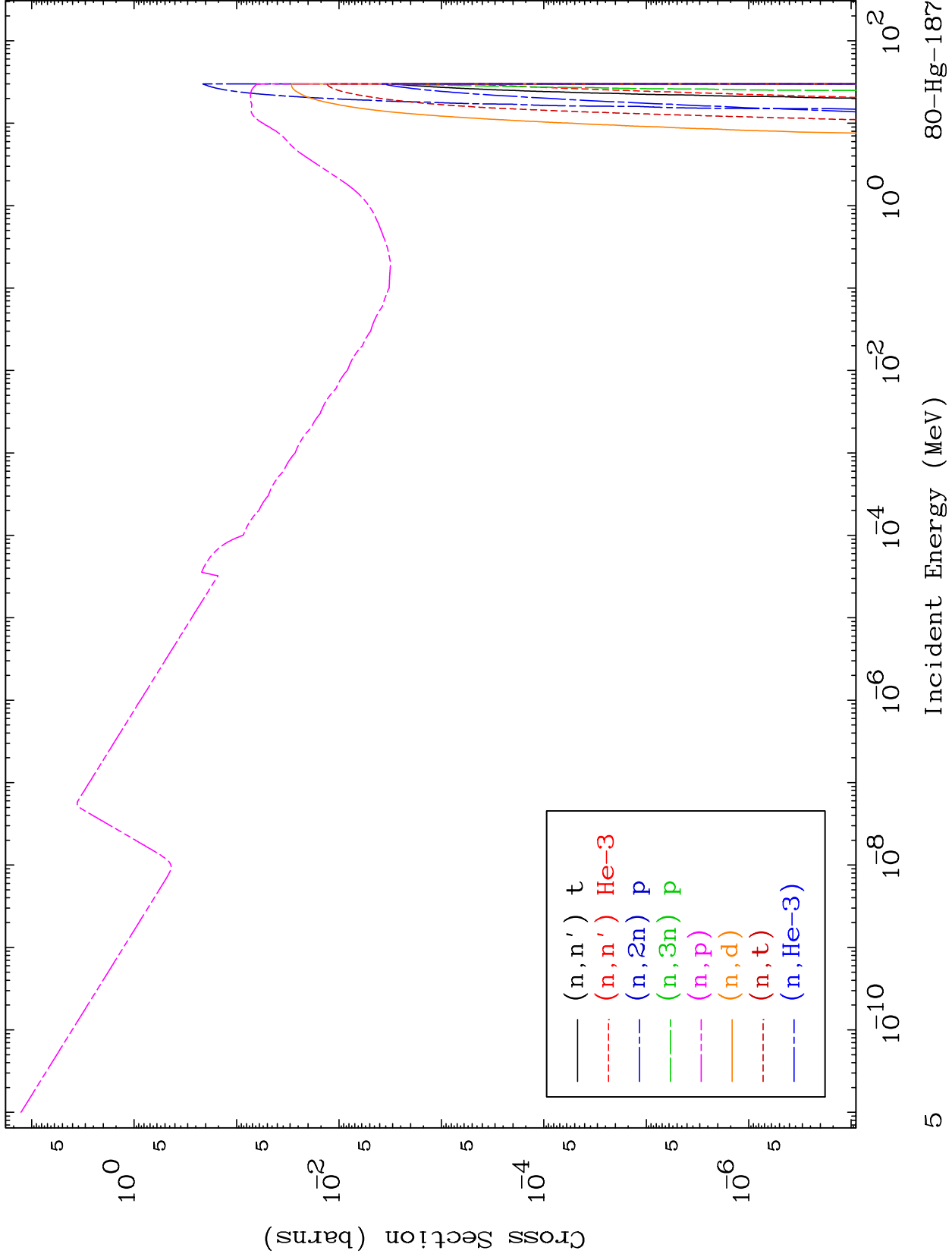
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

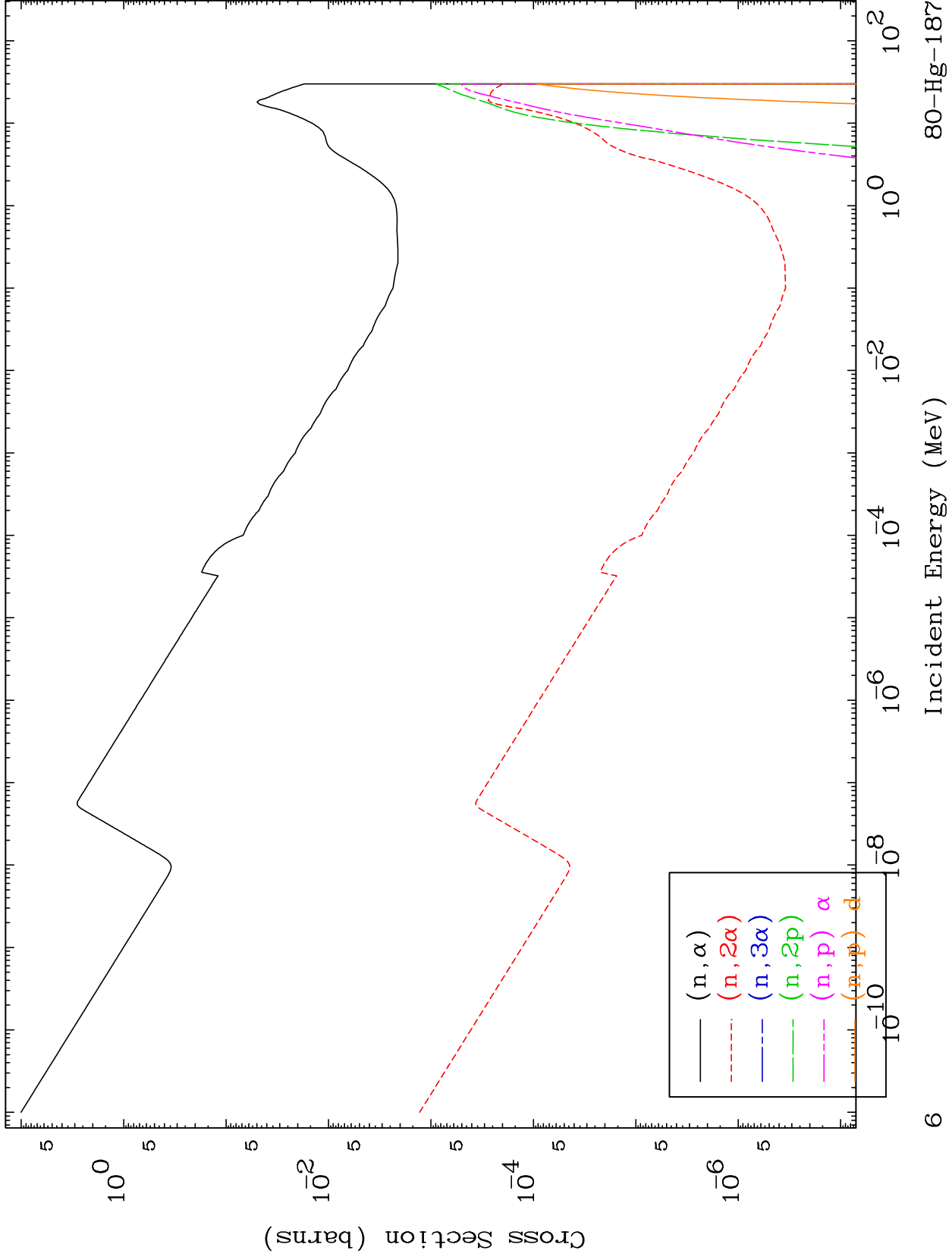
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

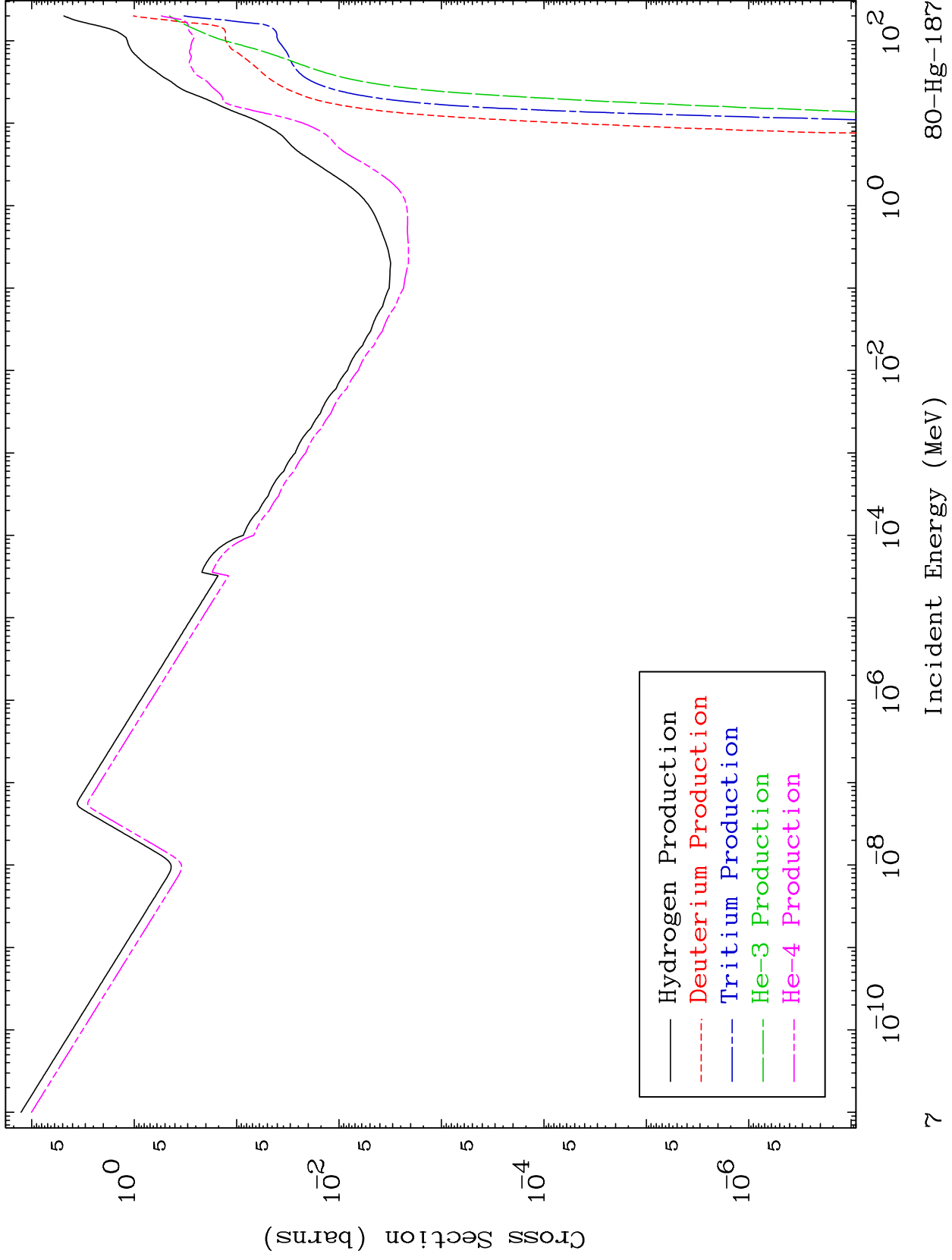
80-Hg-187



MAT 7998

Particle Production
293 Kelvin Cross Sections

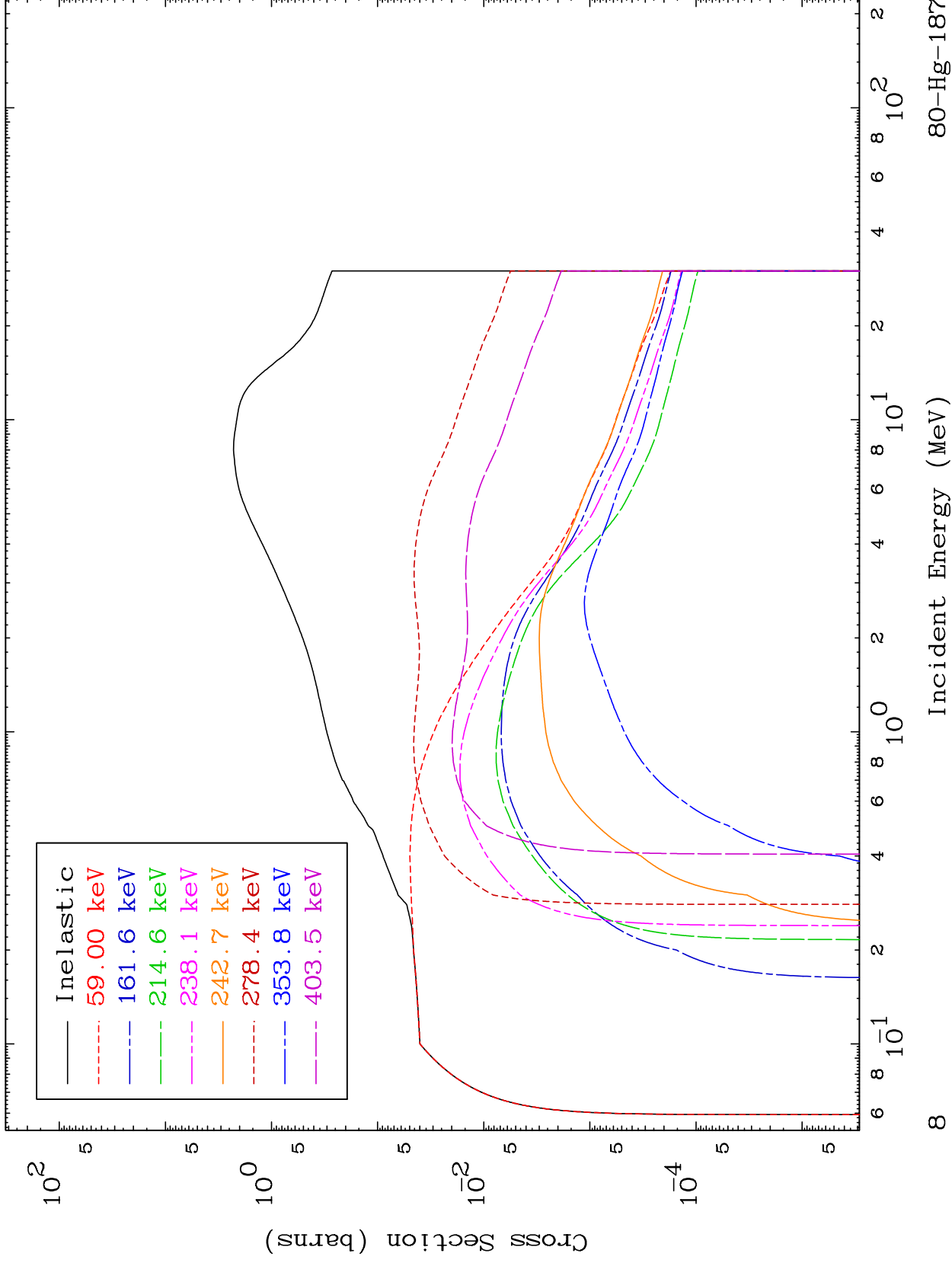
80-Hg-187



MAT 7998

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187

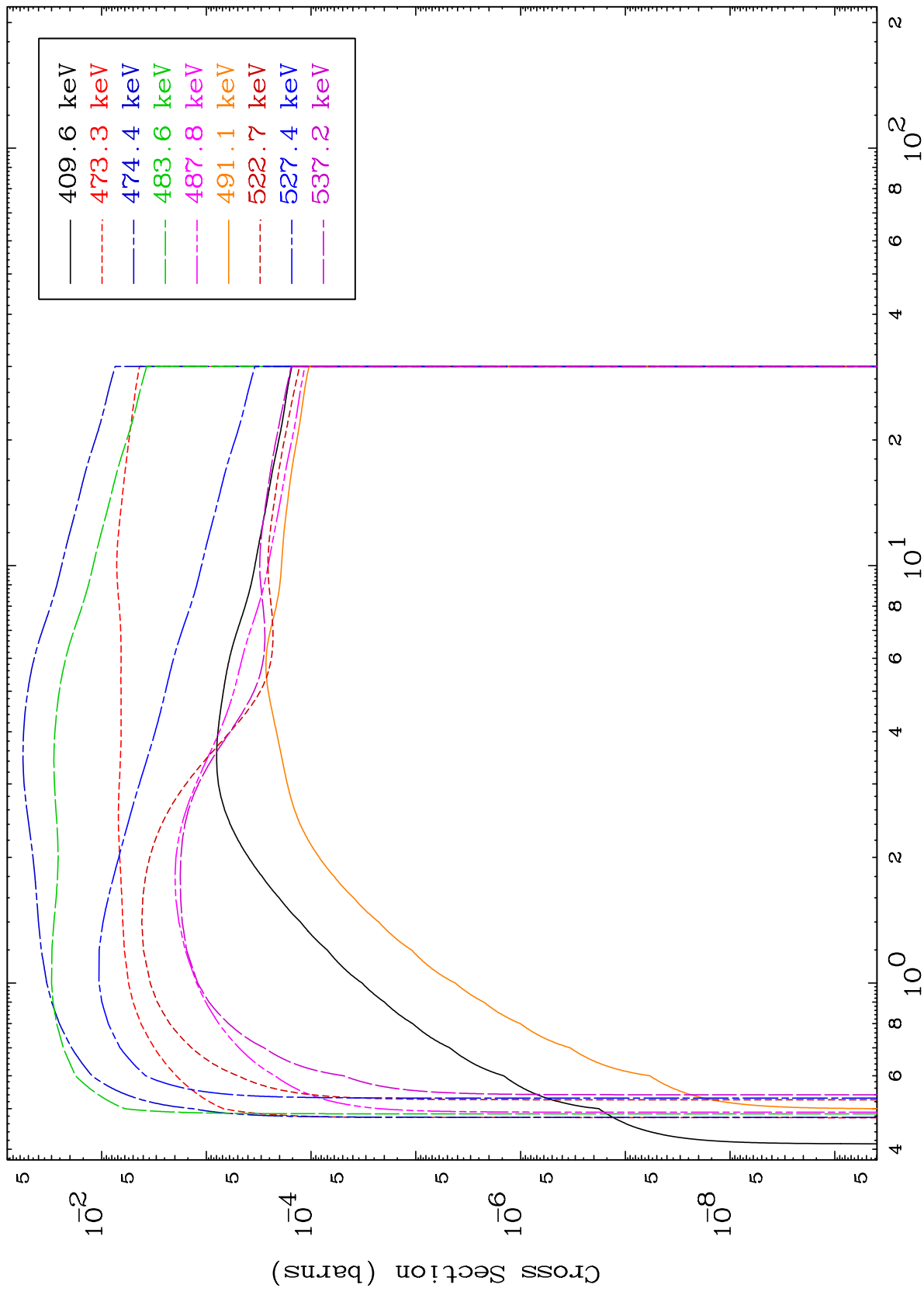


MAT 7998

(n,n') Level

80-Hg-187

293 Kelvin Cross Sections



Incident Energy (MeV)

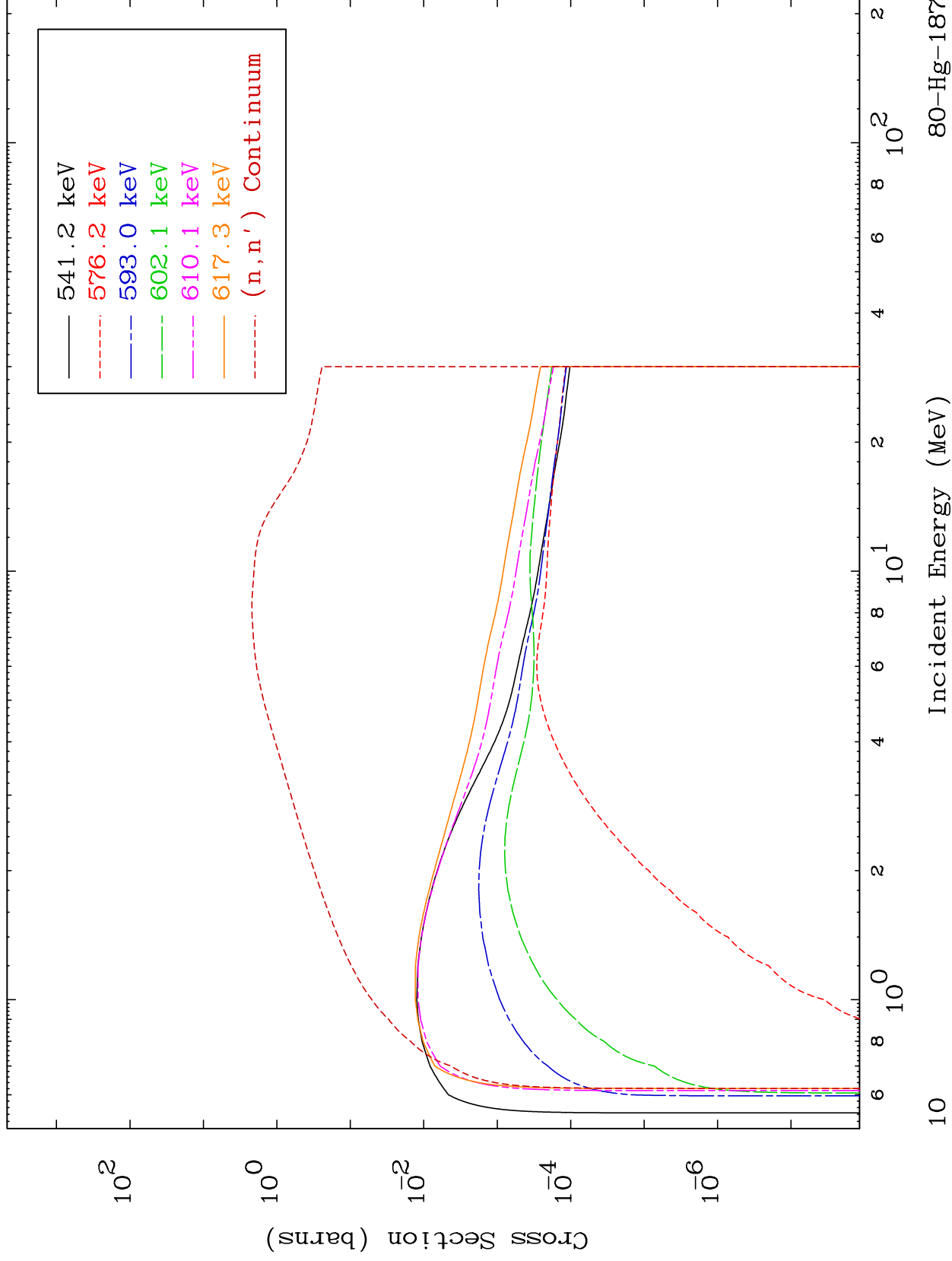
80-Hg-187

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MAT 7998

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187



80-Hg-187

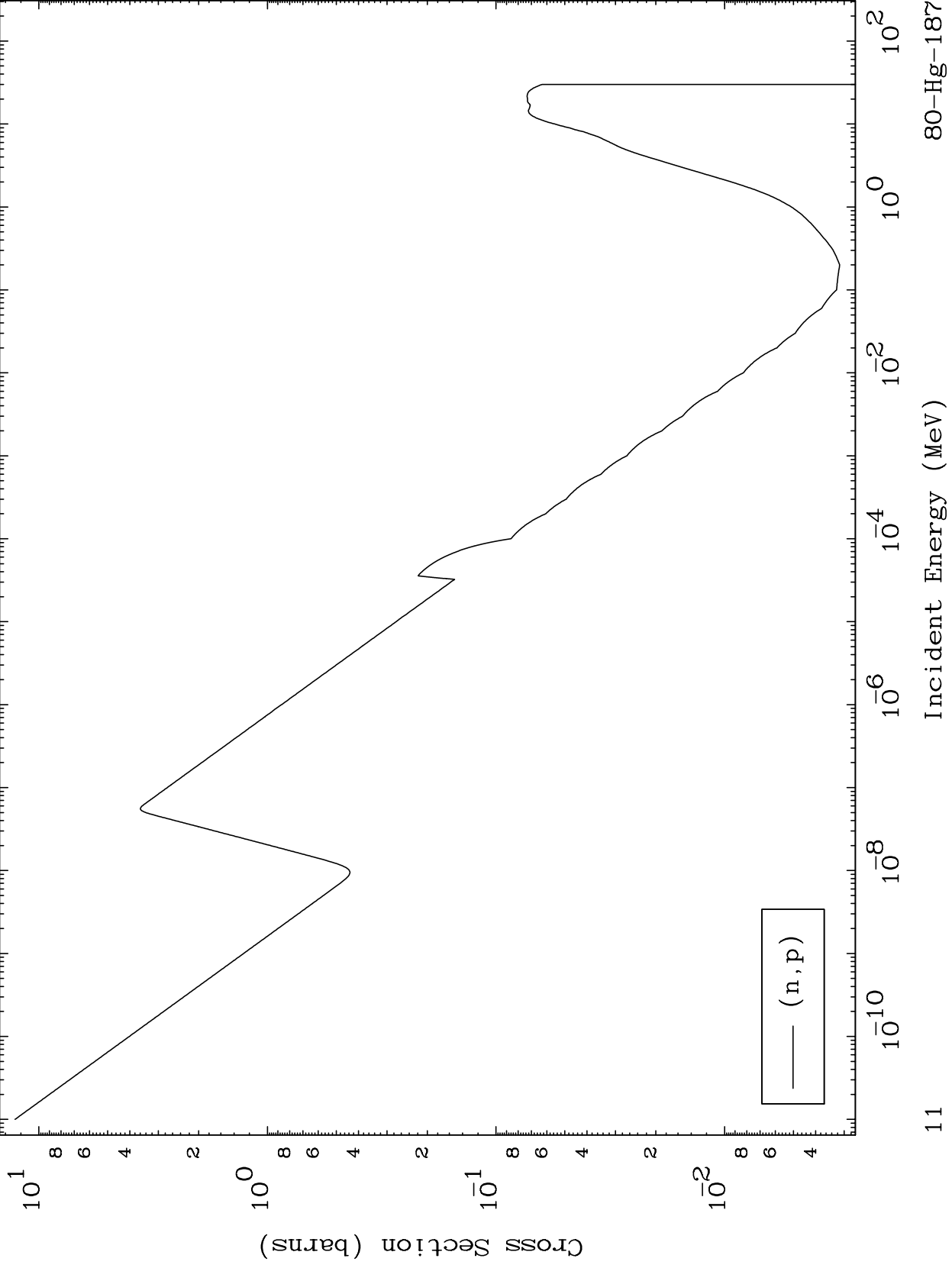
Incident Energy (MeV)

10

MAT 7998

(n,p) Levels
293 Kelvin Cross Sections

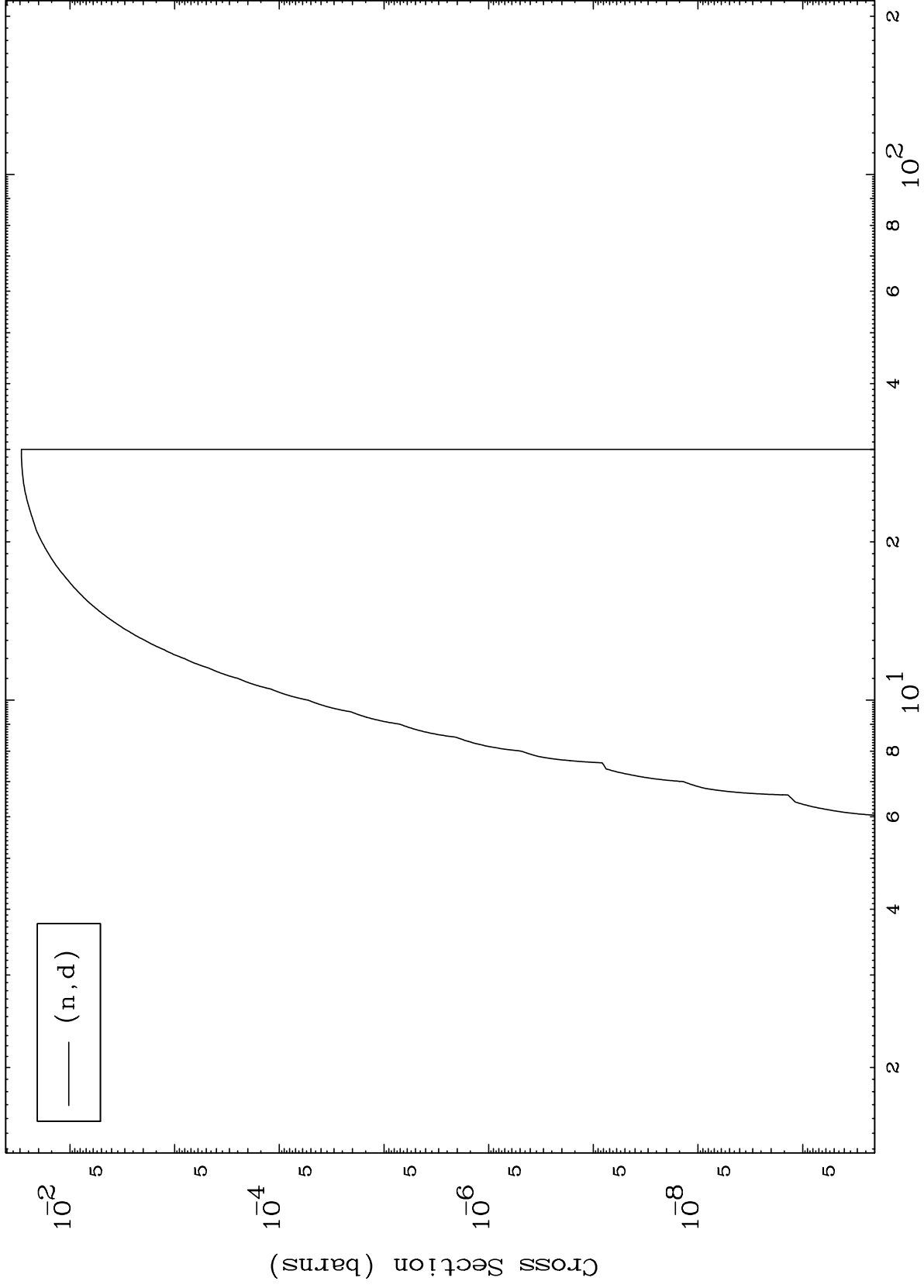
80-Hg-187



MAT 7998

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-187



12

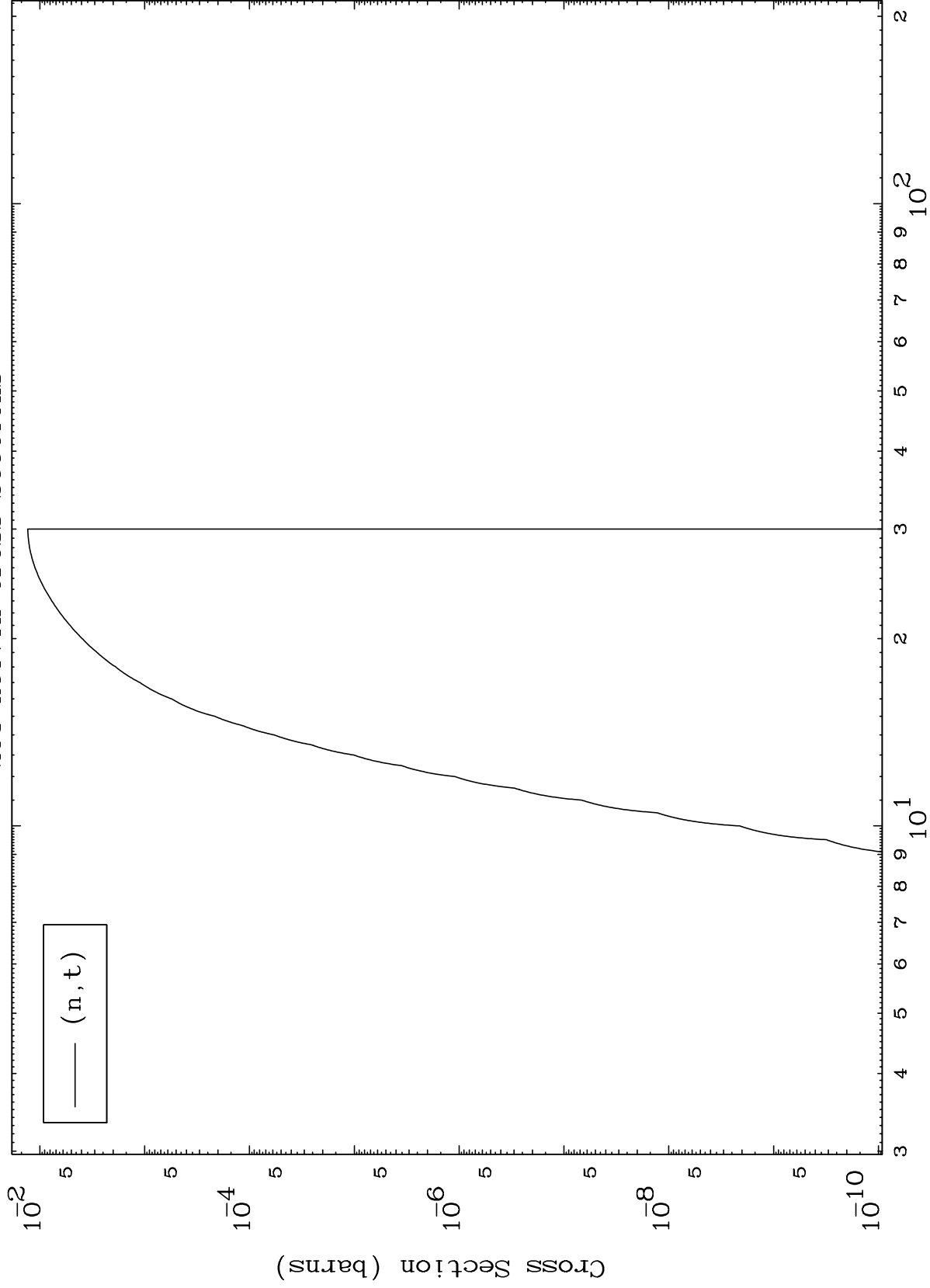
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



13

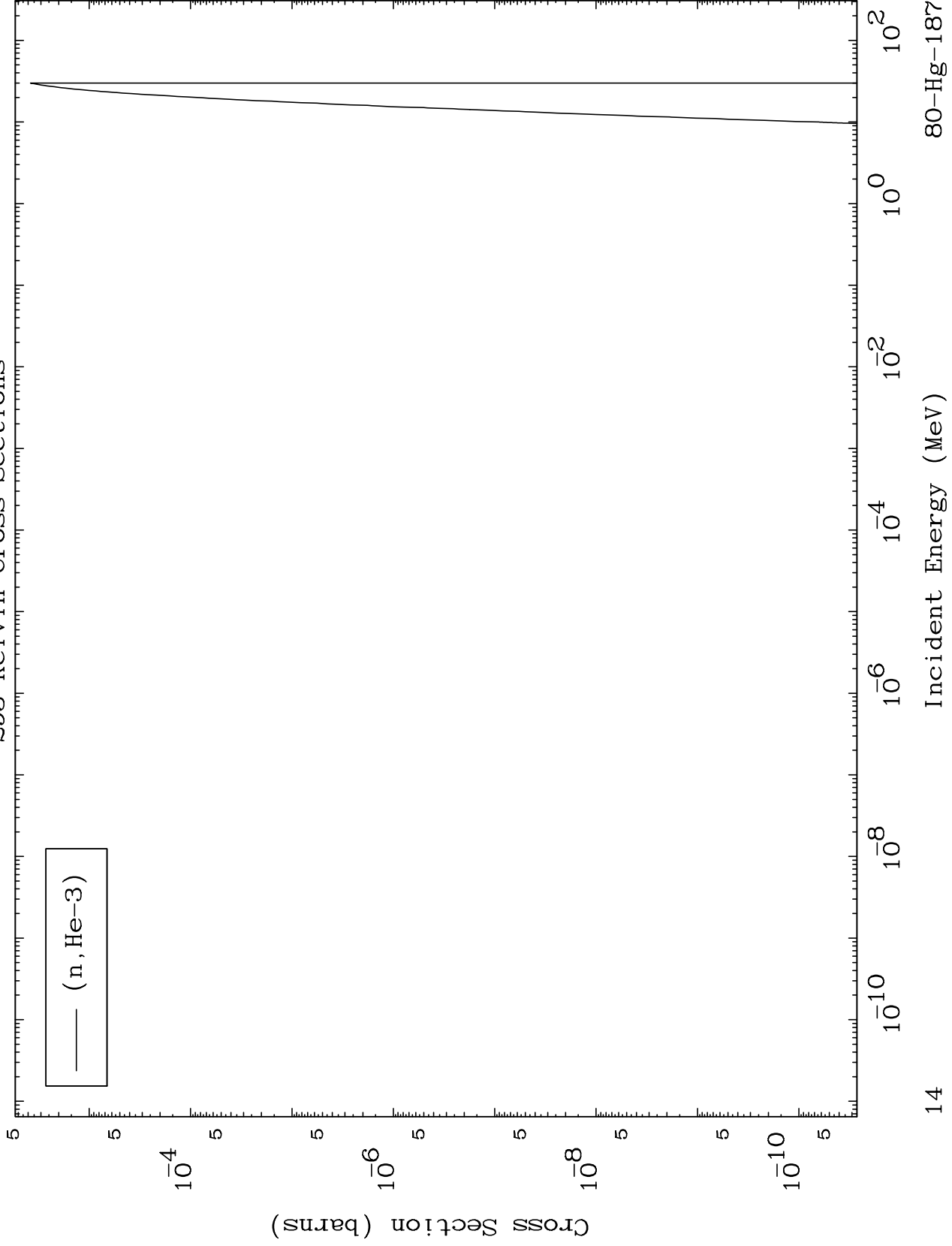
Incident Energy (MeV)

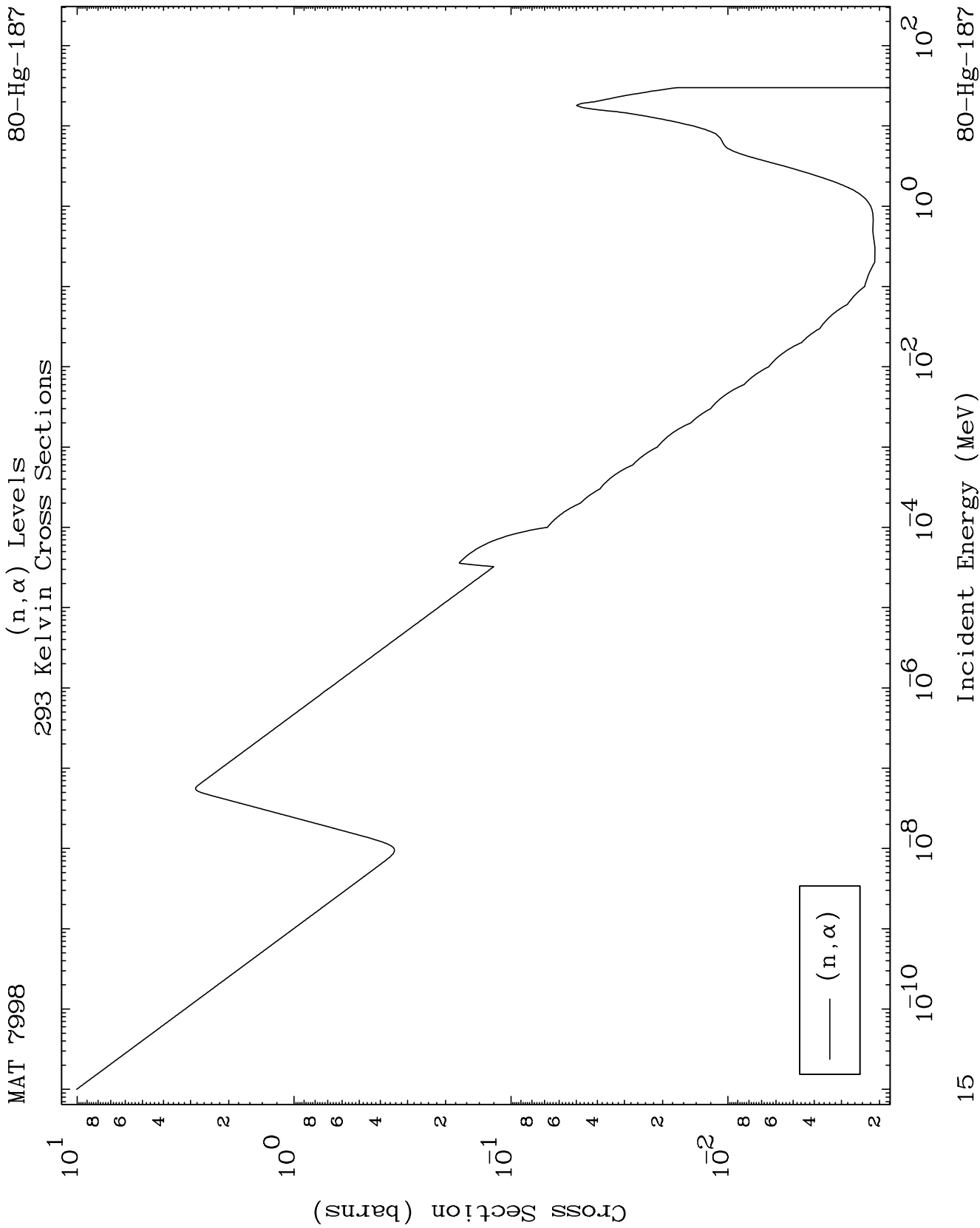
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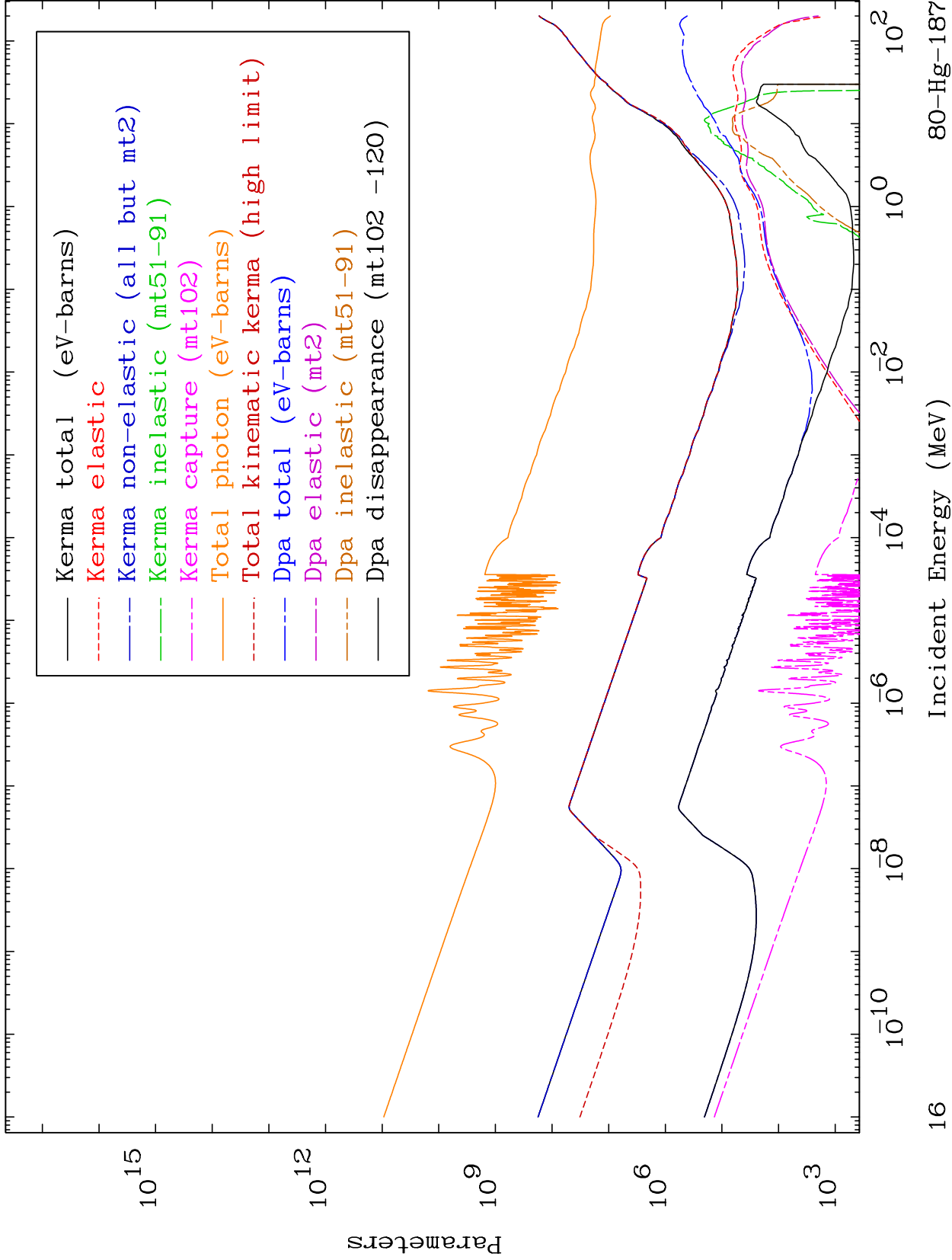
MAT 7998

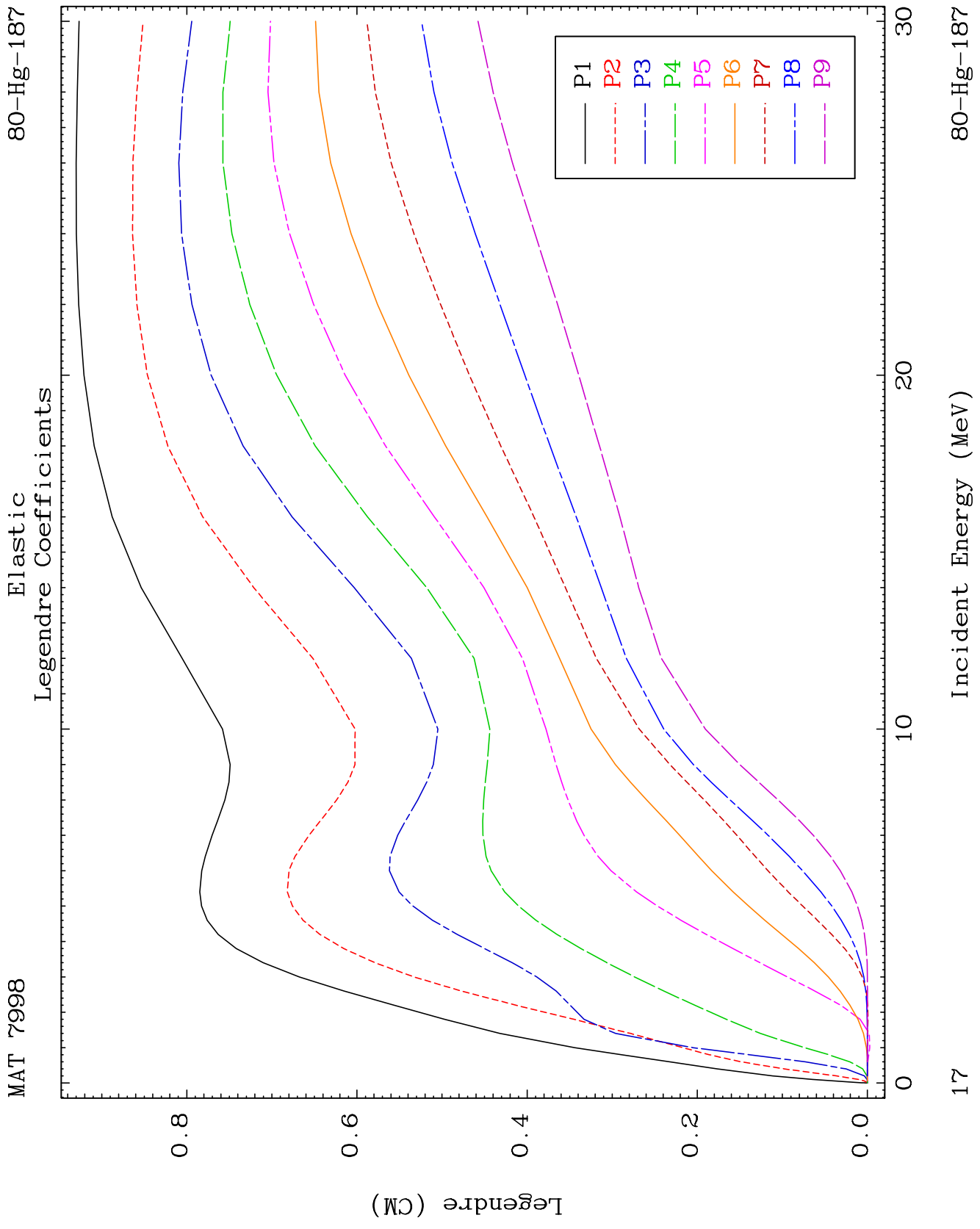
(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-187





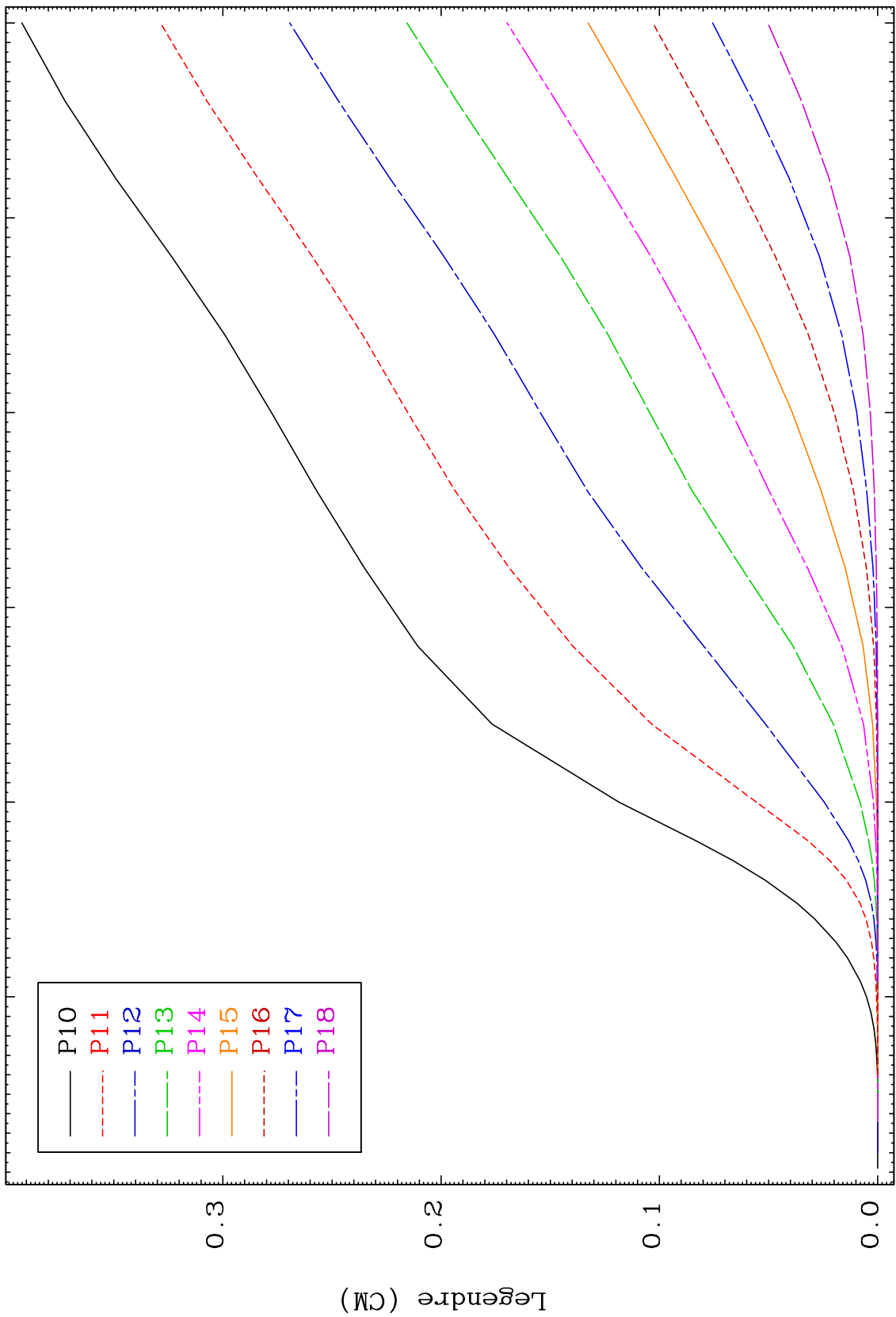




MAT 7998

Elastic Legendre Coefficients

80-Hg-187



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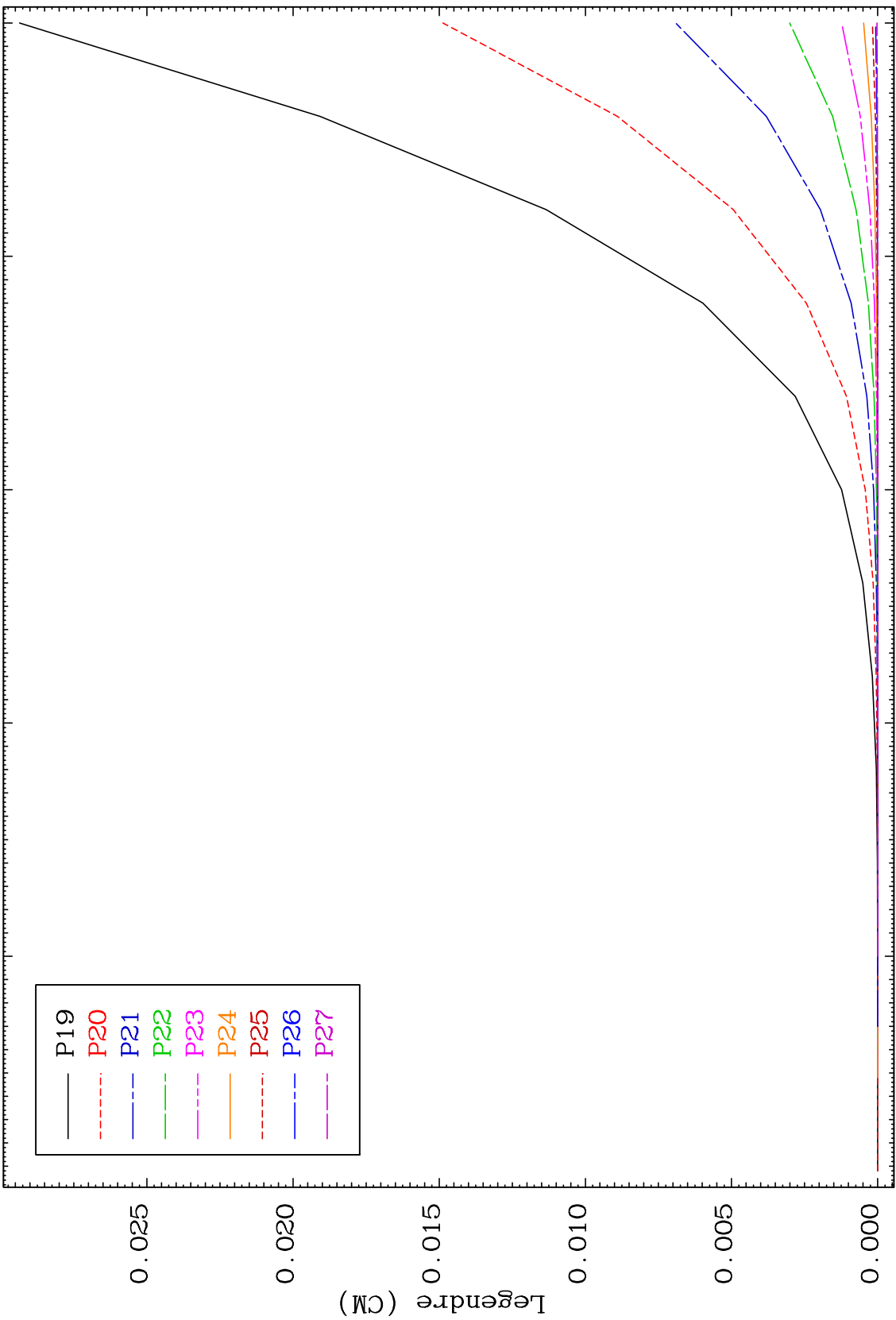
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

80-Hg-187



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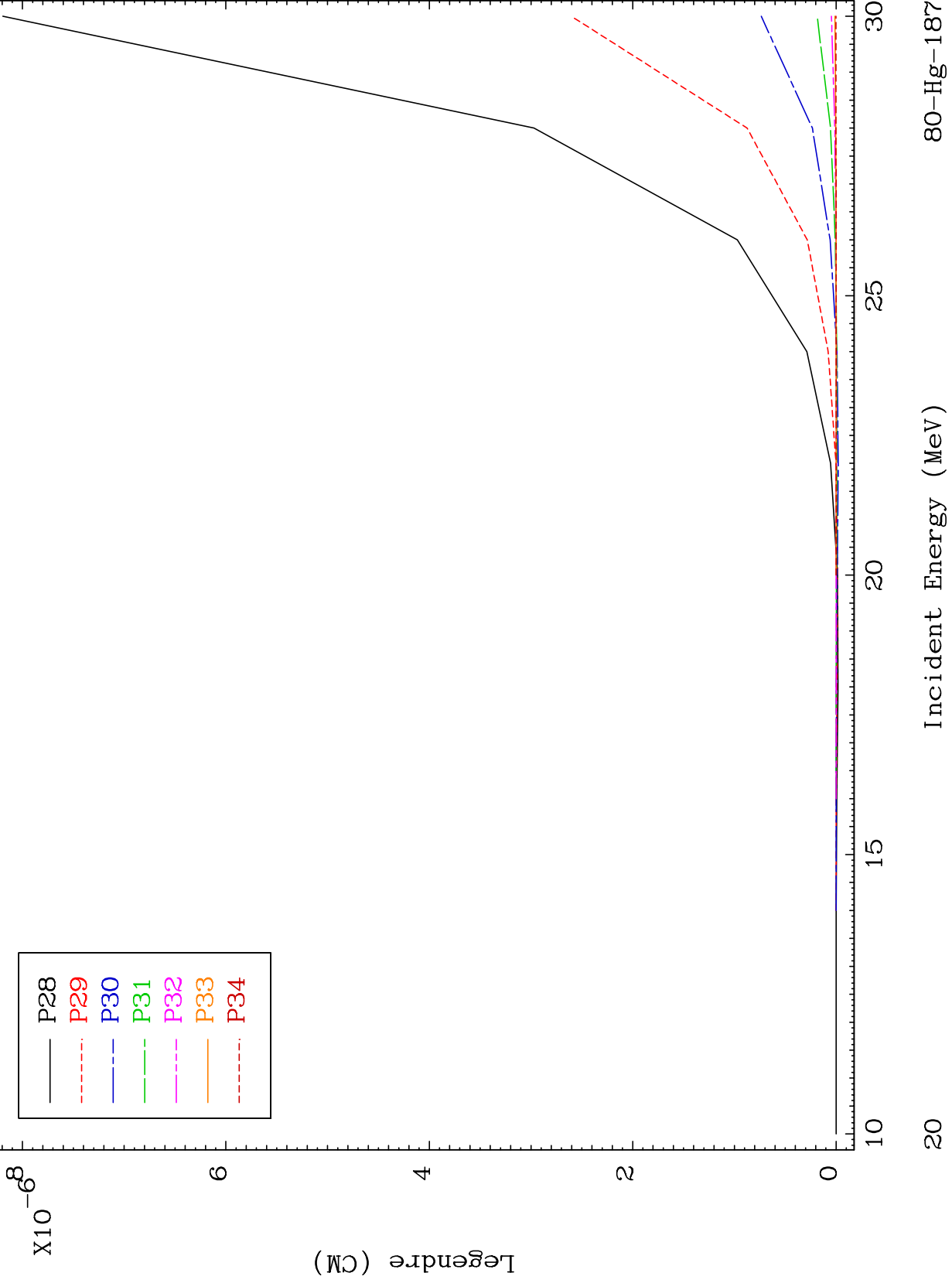
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

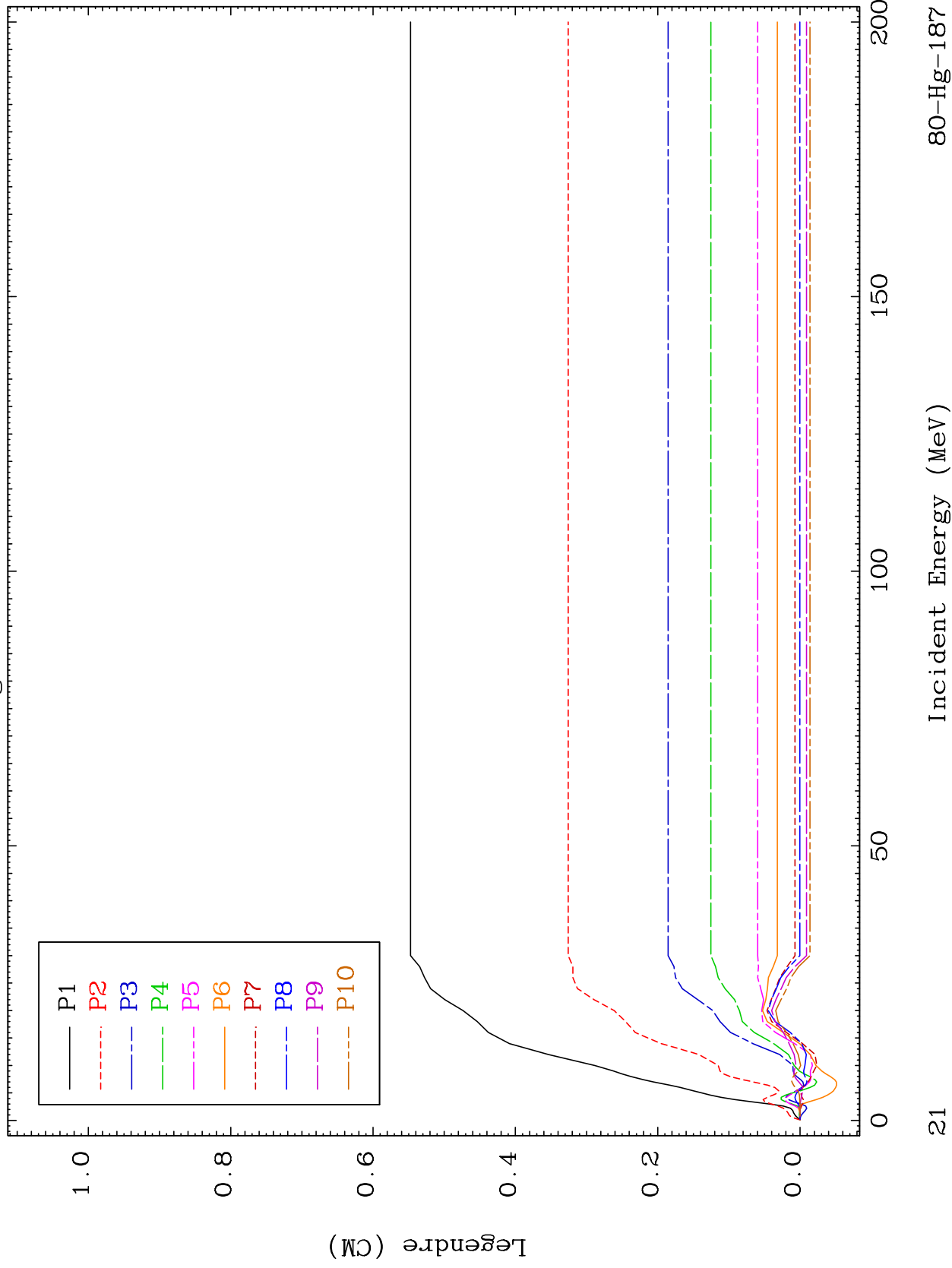
80-Hg-187



MAT 7998

59.00 keV (n,n') Level
Legendre Coefficients

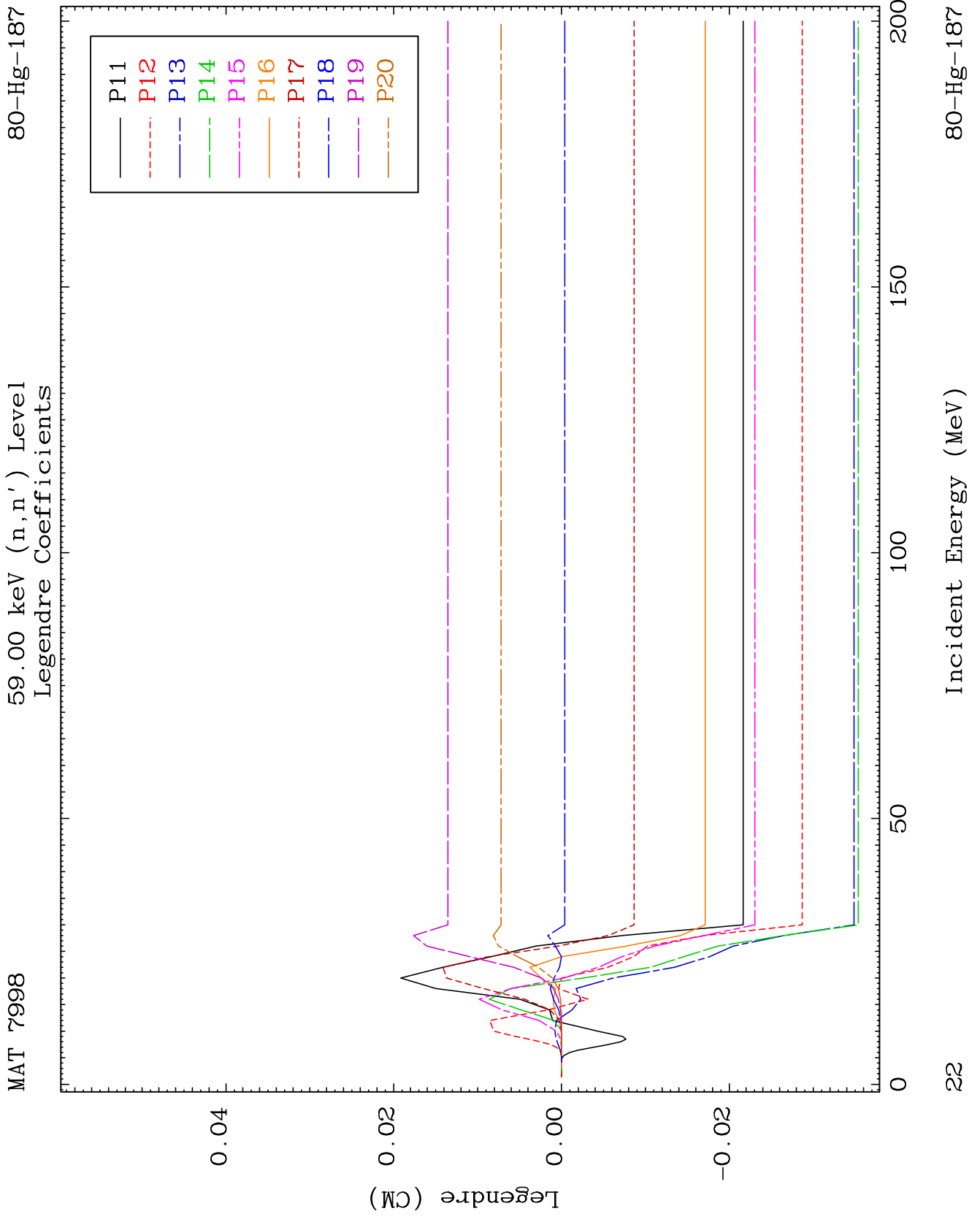
80-Hg-187



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Incident Energy (MeV)

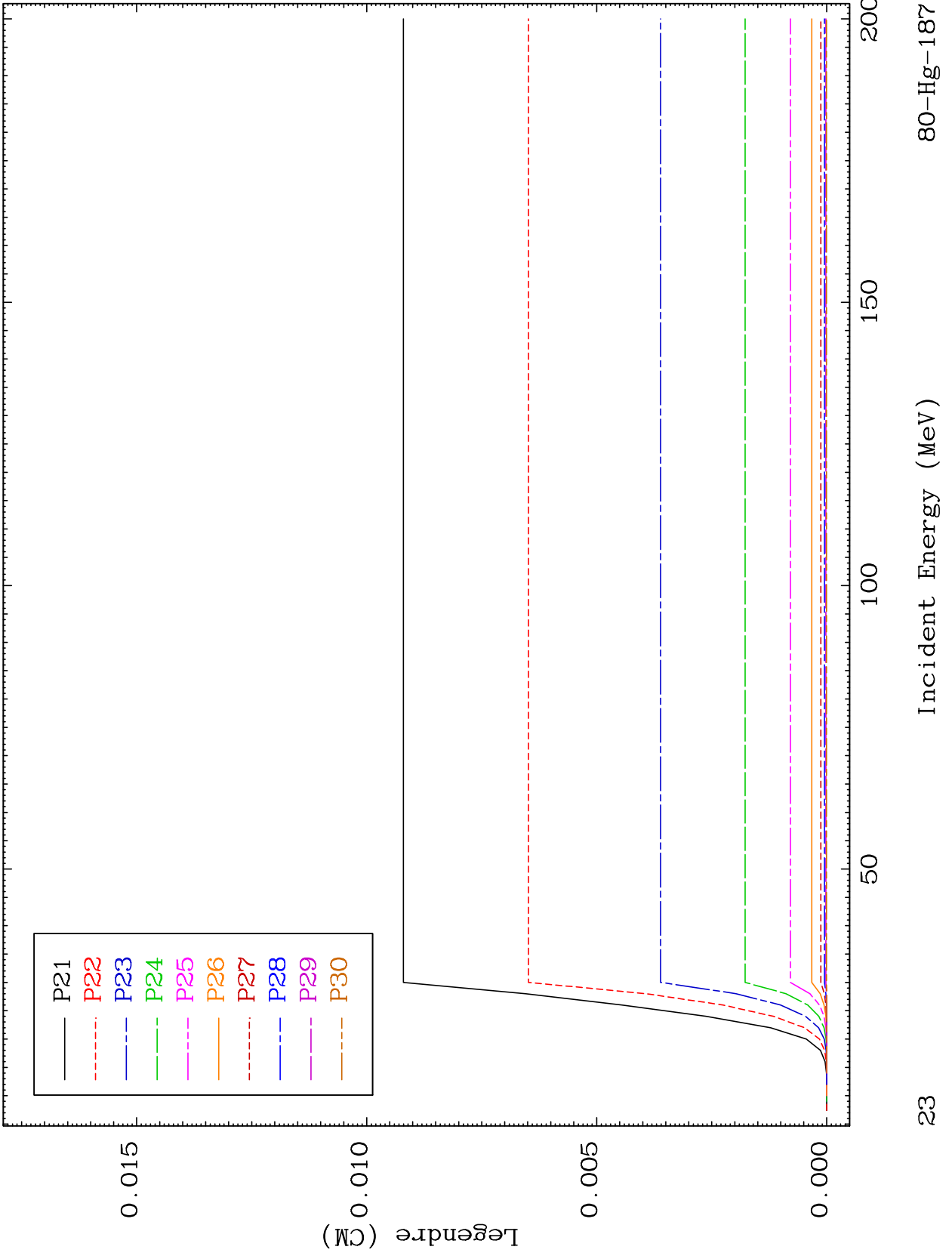
80-Hg-187



MAT 7998

59.00 keV (n,n') Level
Legendre Coefficients

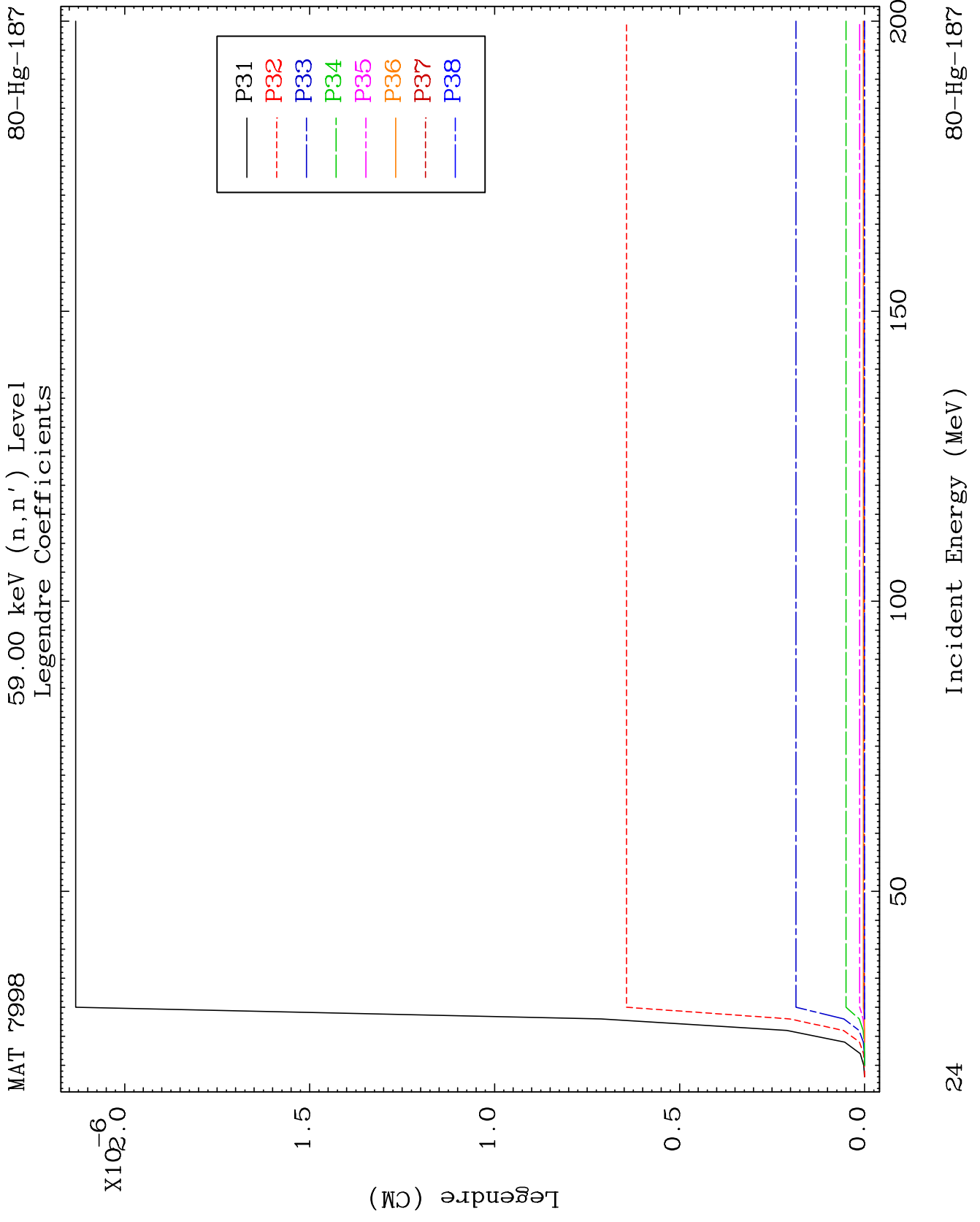
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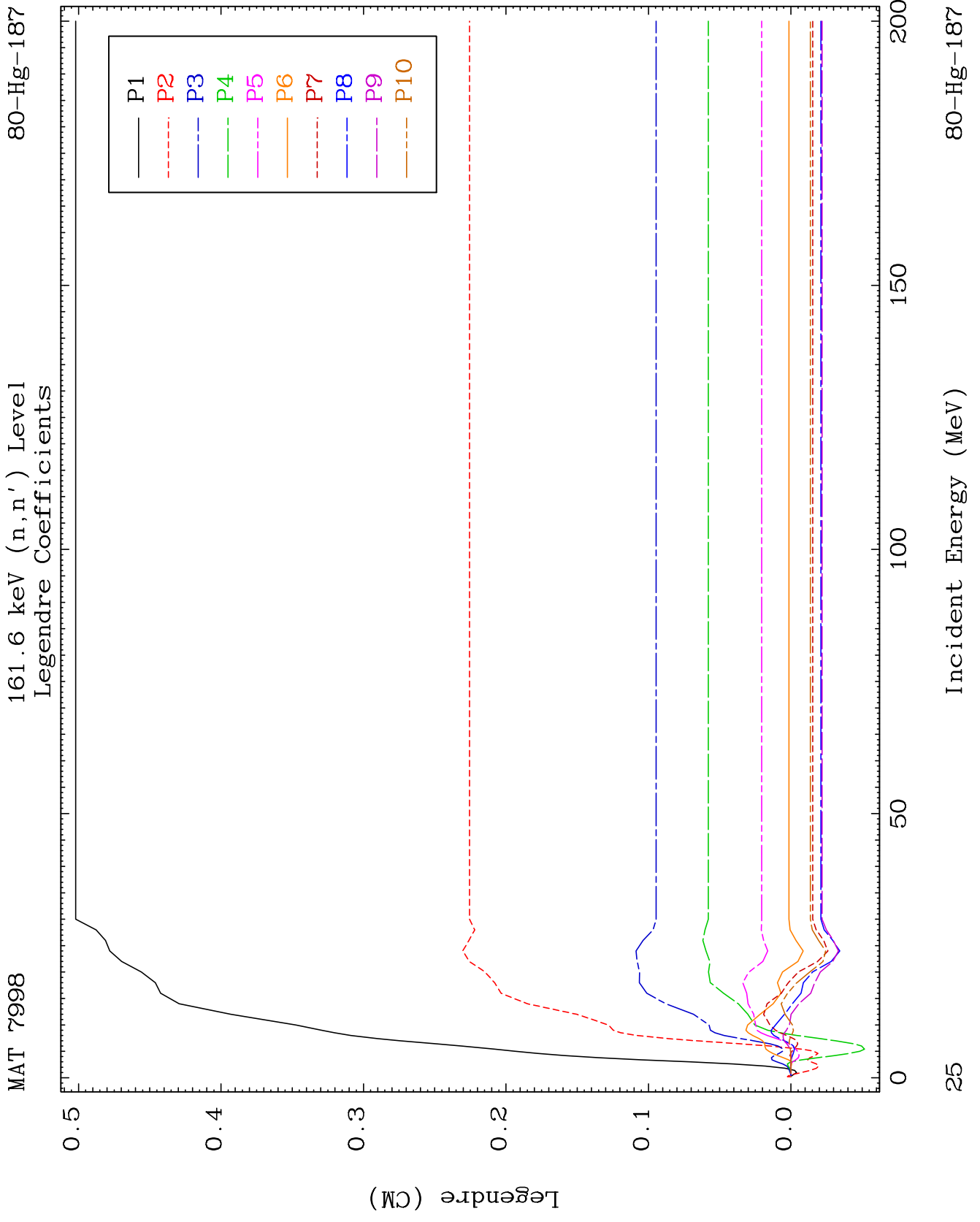


23

Incident Energy (MeV)

80-Hg-187

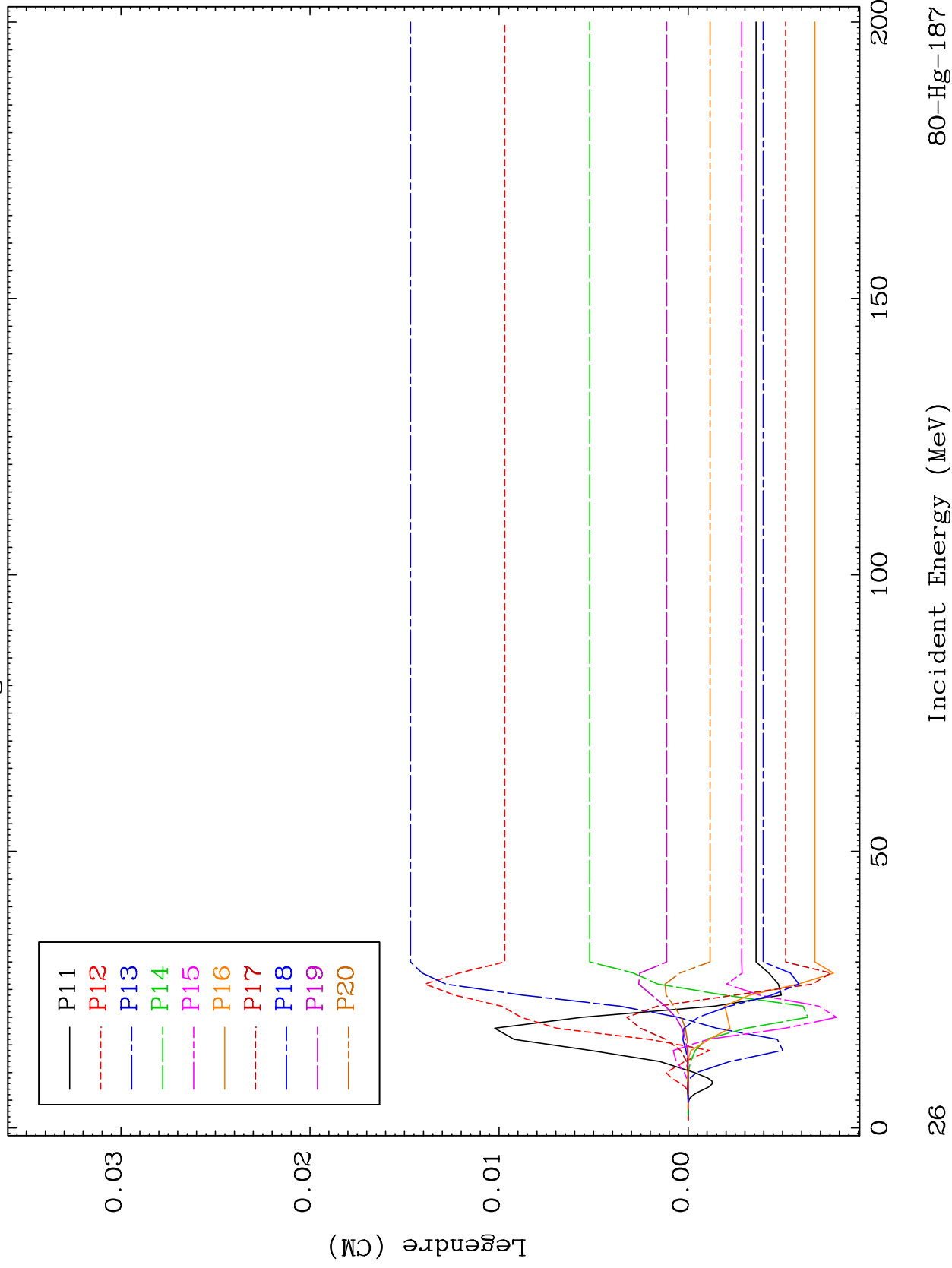




MAT 7998

161.6 keV (n,n') Level
Legendre Coefficients

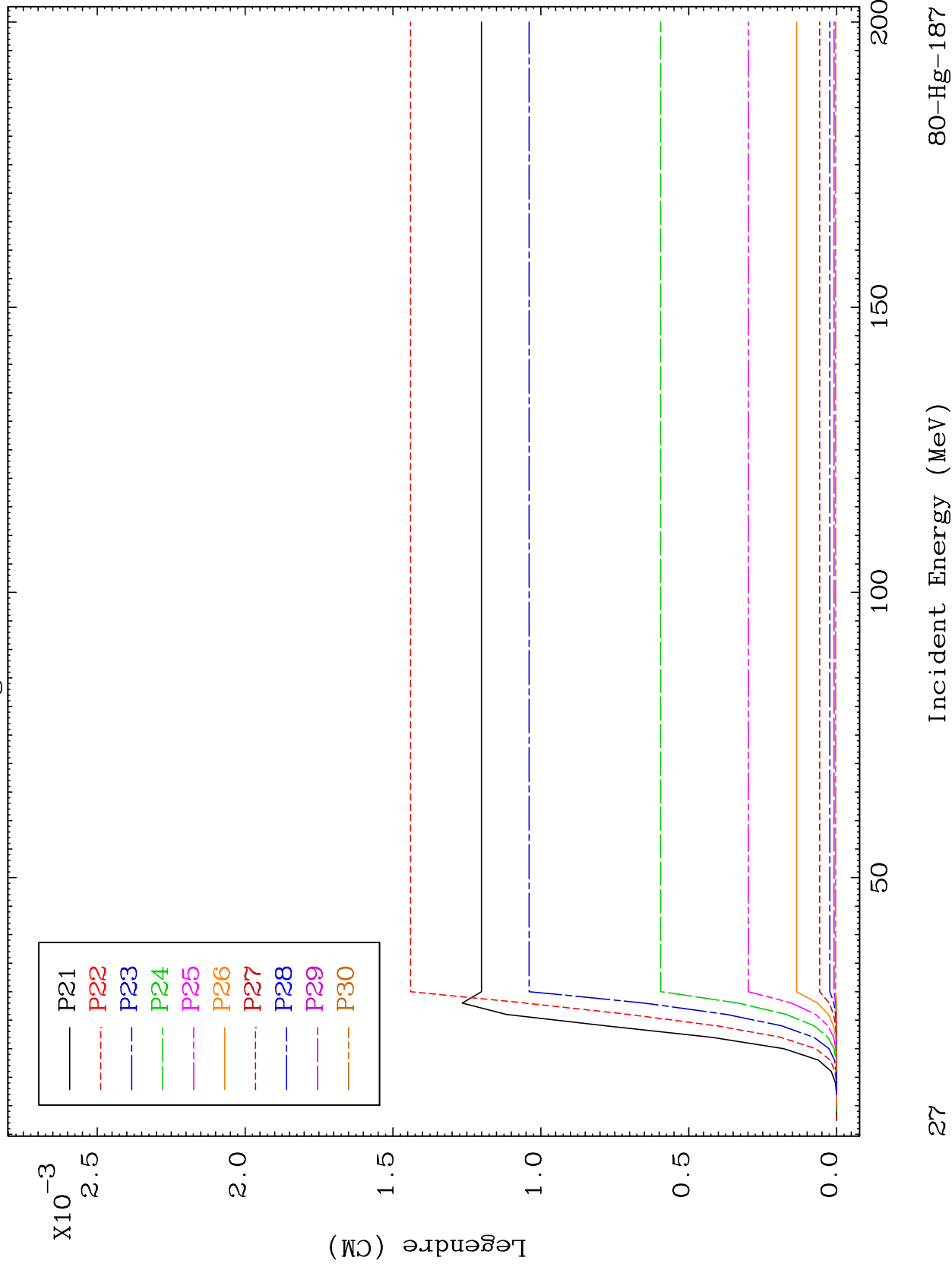
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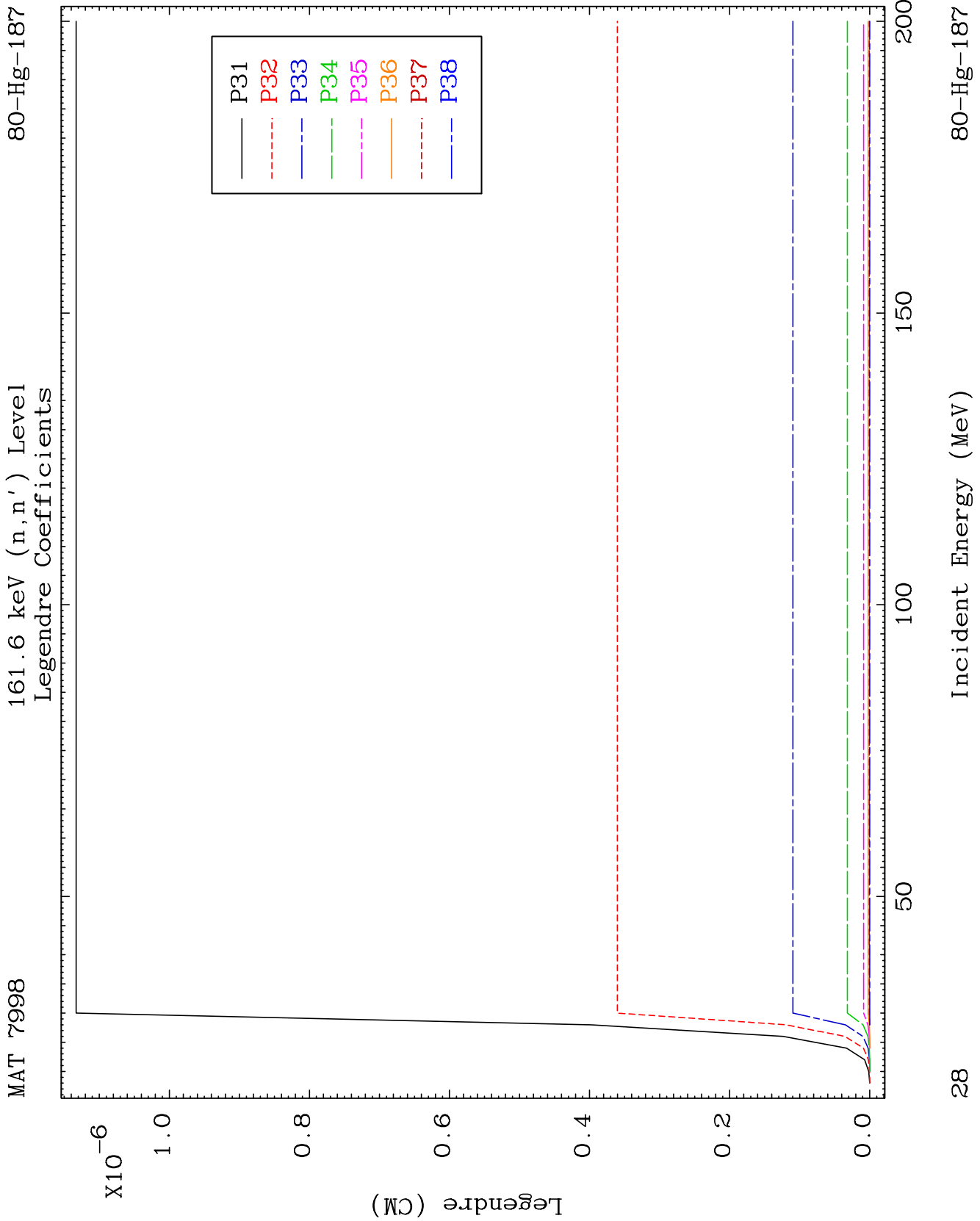


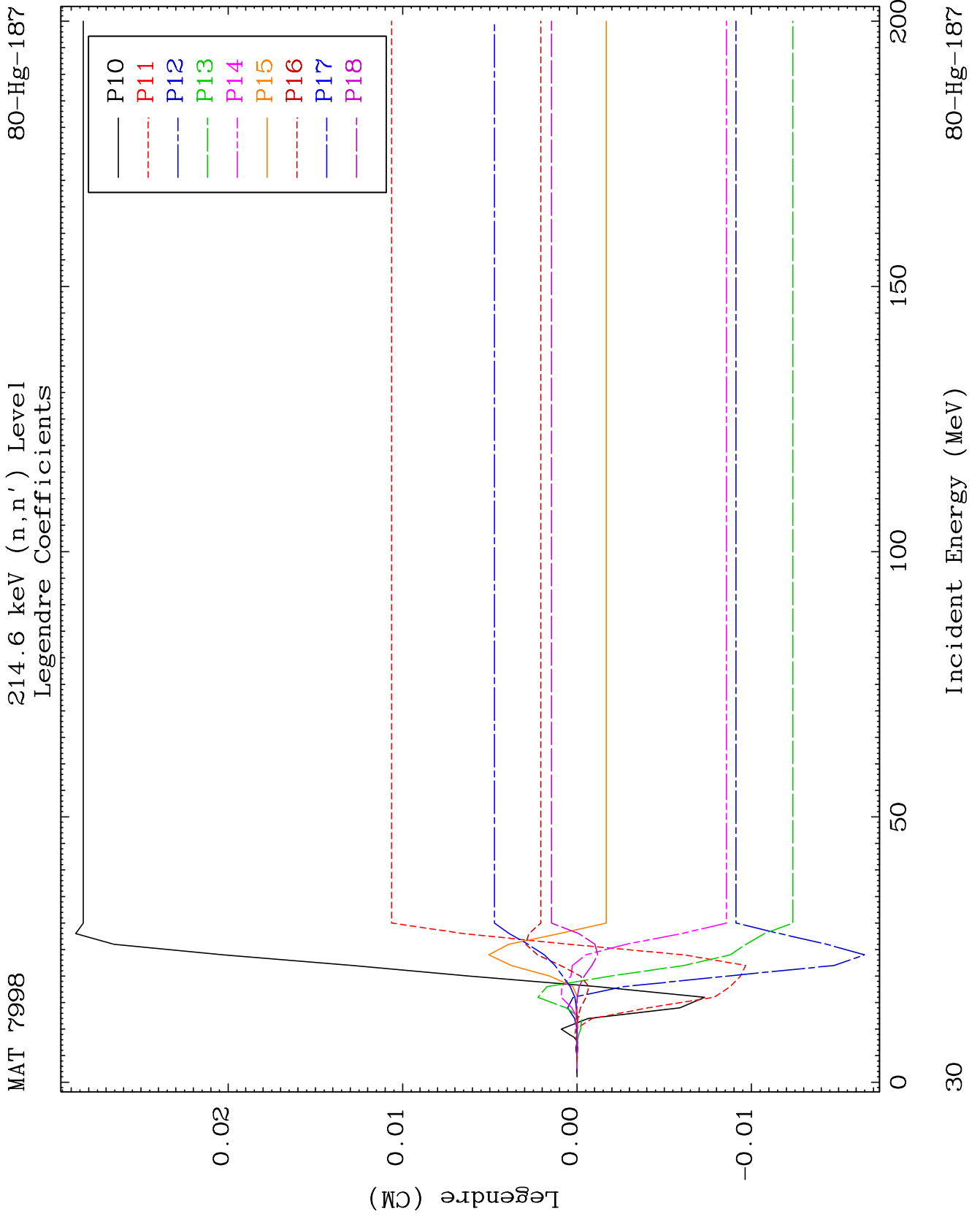
26

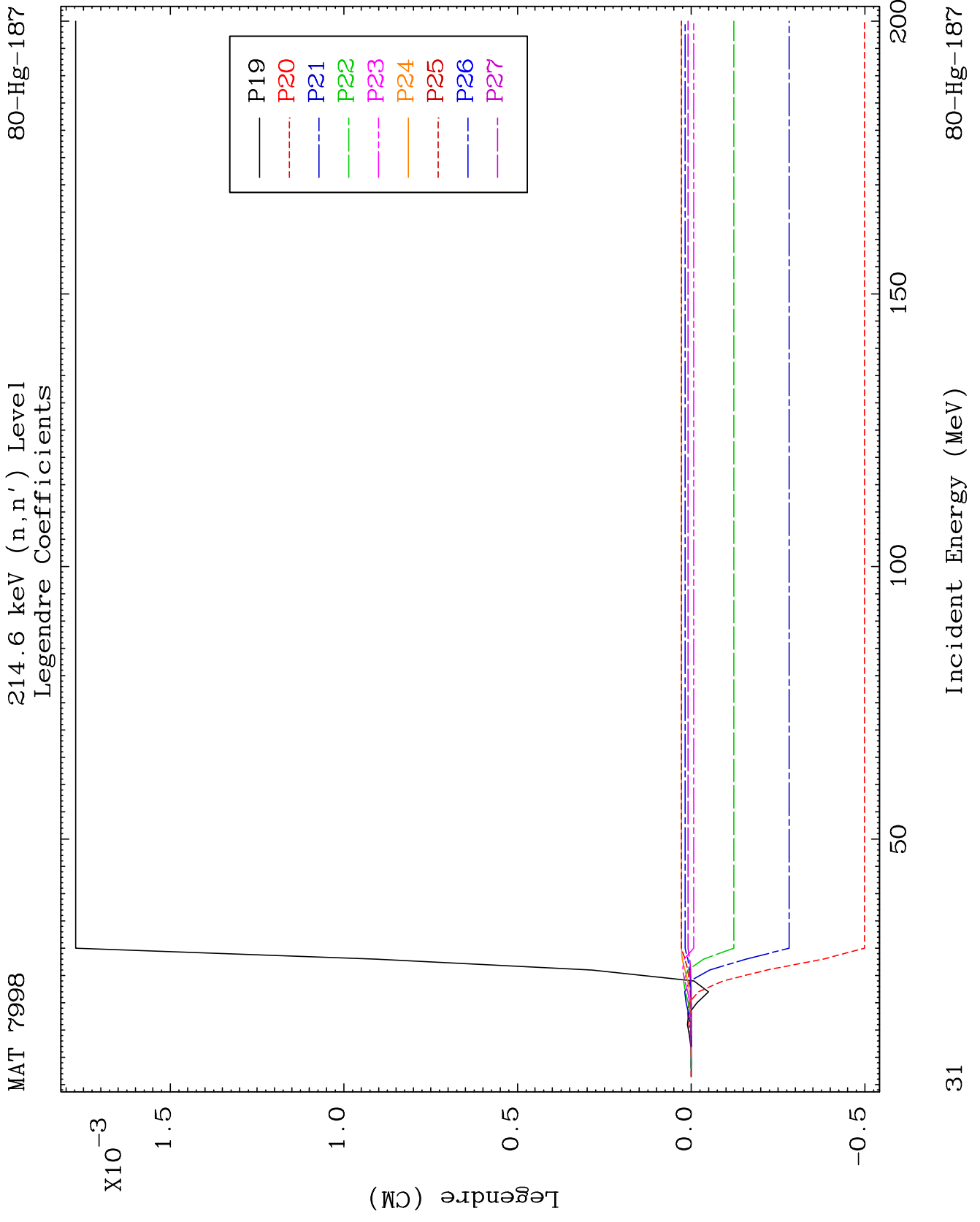
Incident Energy (MeV)

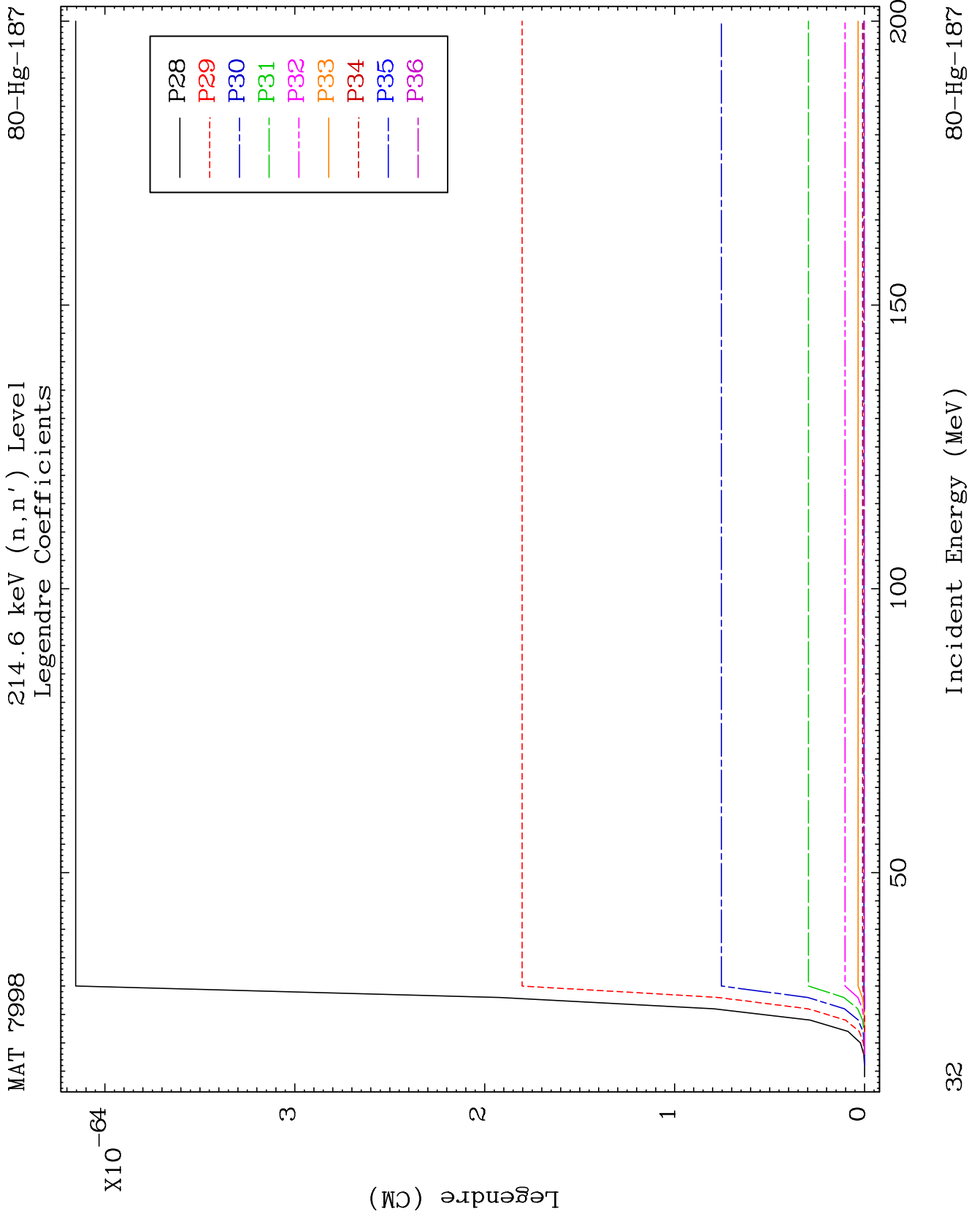
80-Hg-187

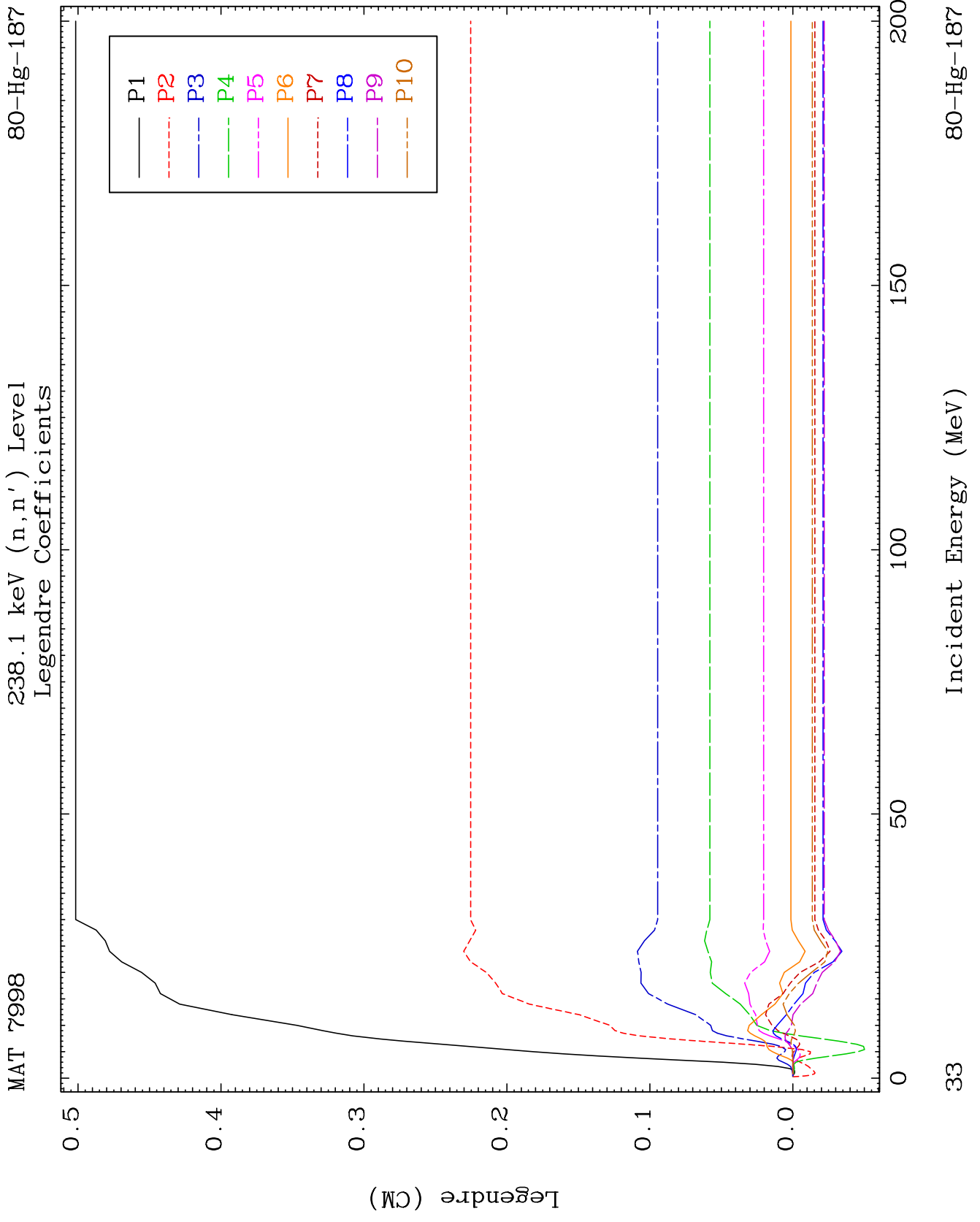








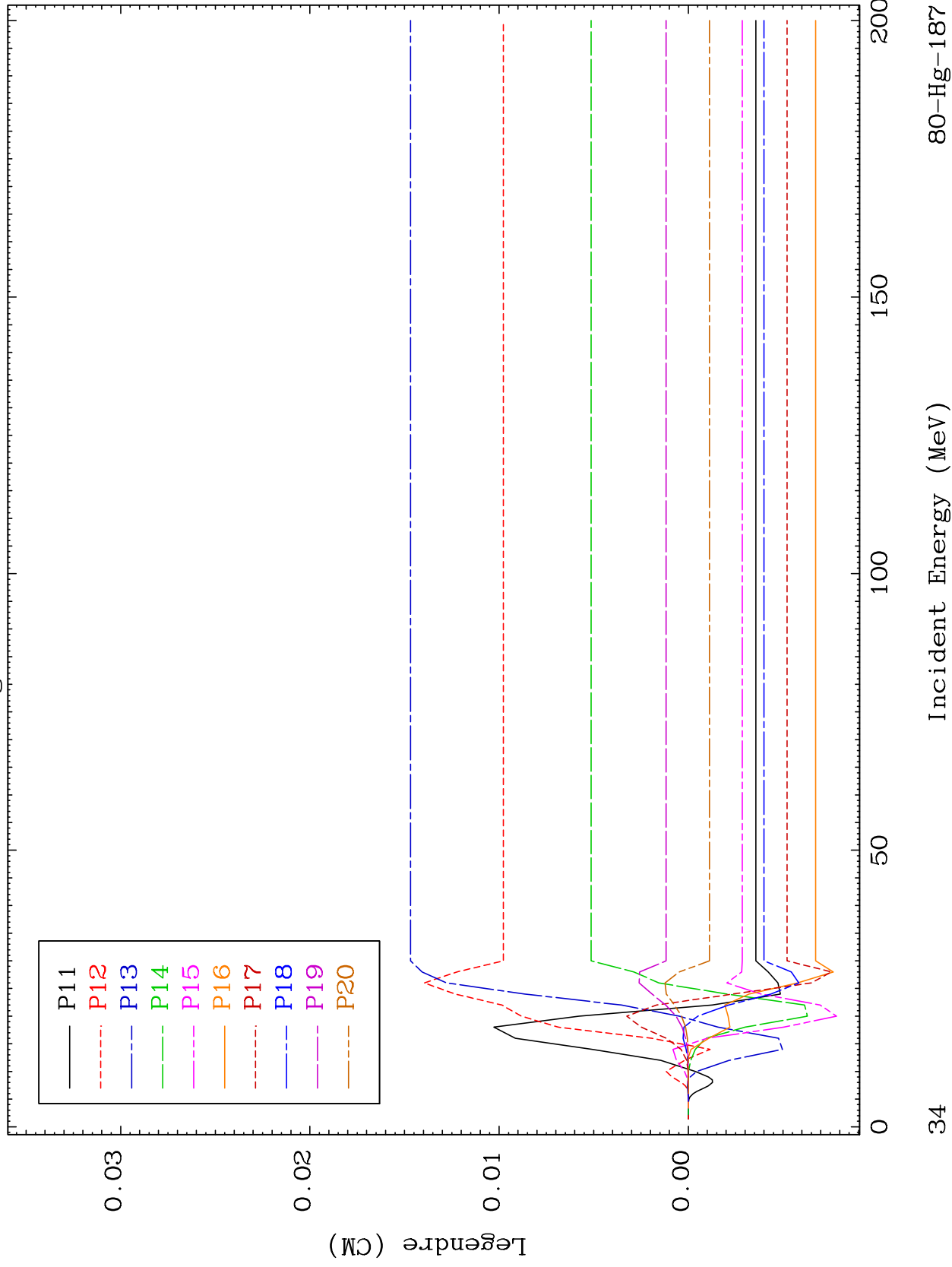




MAT 7998

238.1 keV (n,n') Level
Legendre Coefficients

80-Hg-187



34

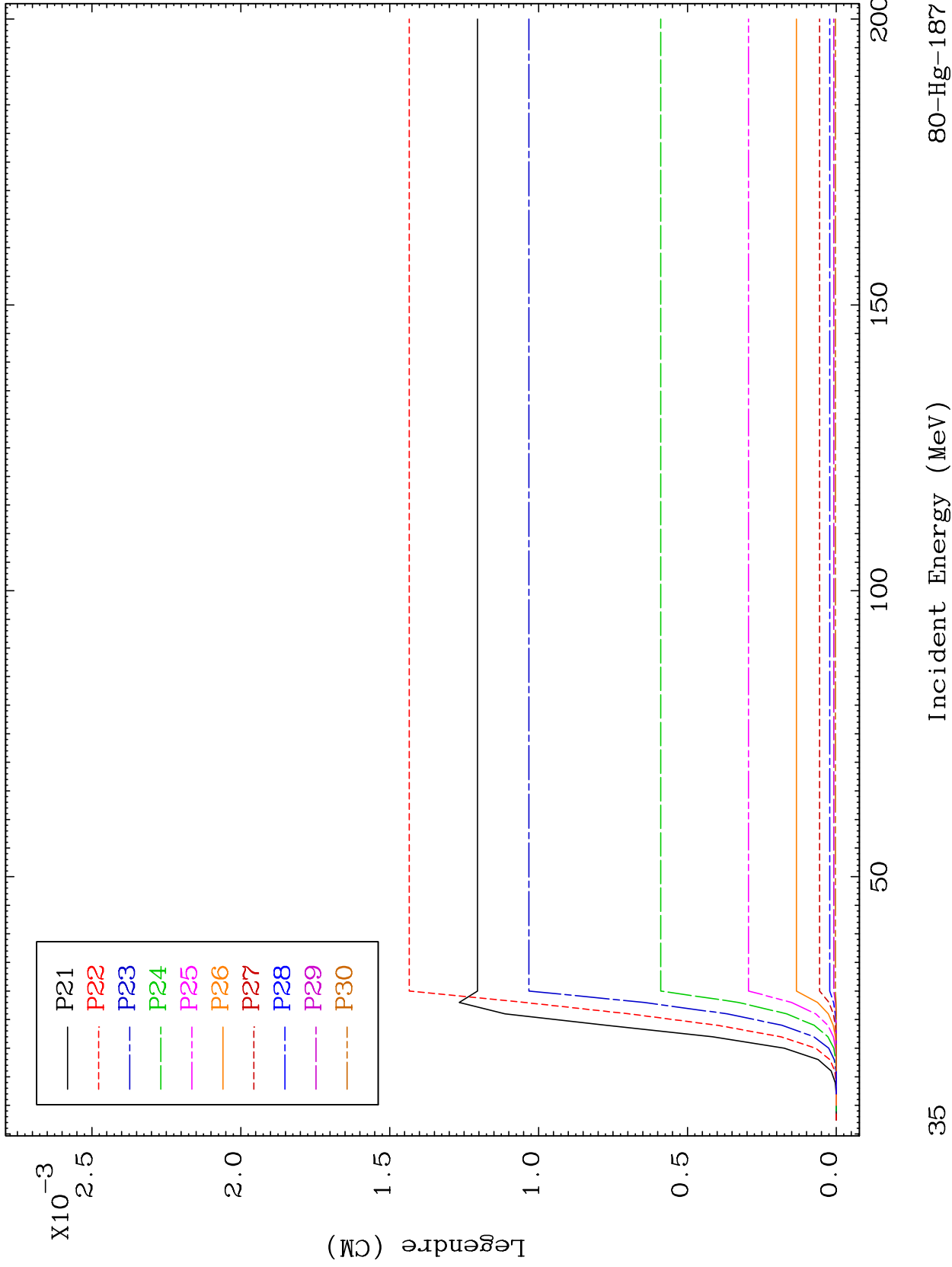
Incident Energy (MeV)

80-Hg-187

MAT 7998

238.1 keV (n,n') Level
Legendre Coefficients

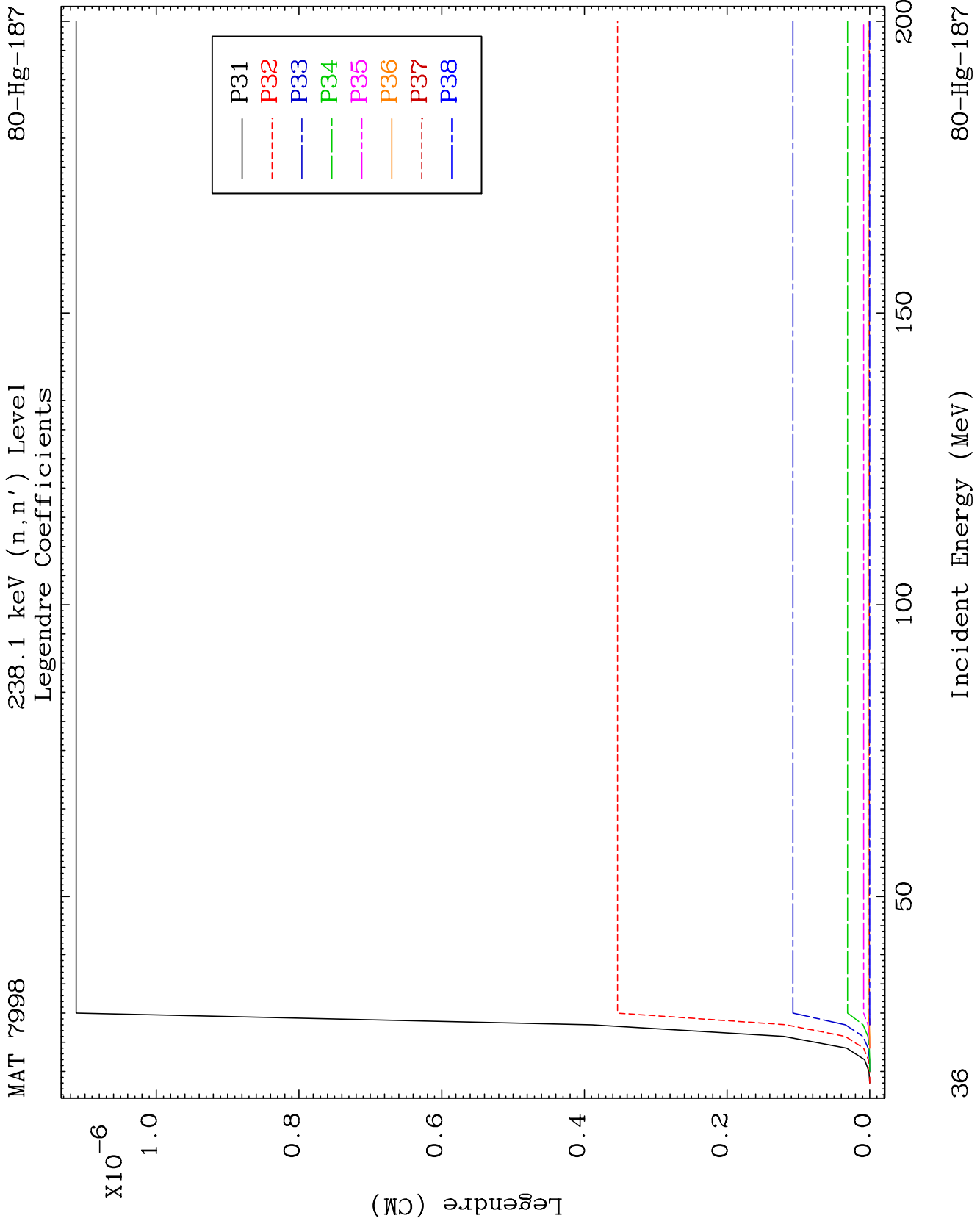
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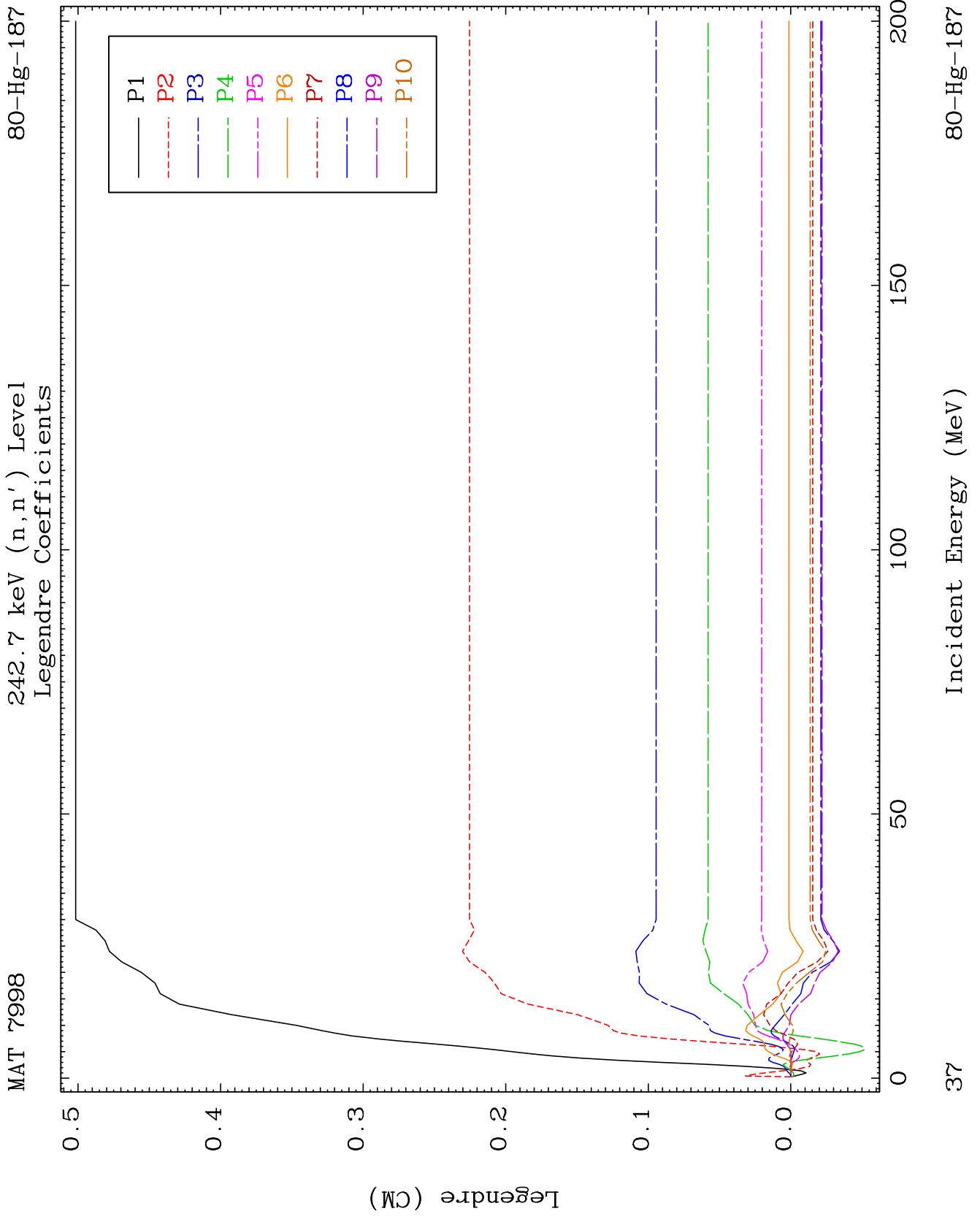


35

Incident Energy (MeV)

80-Hg-187

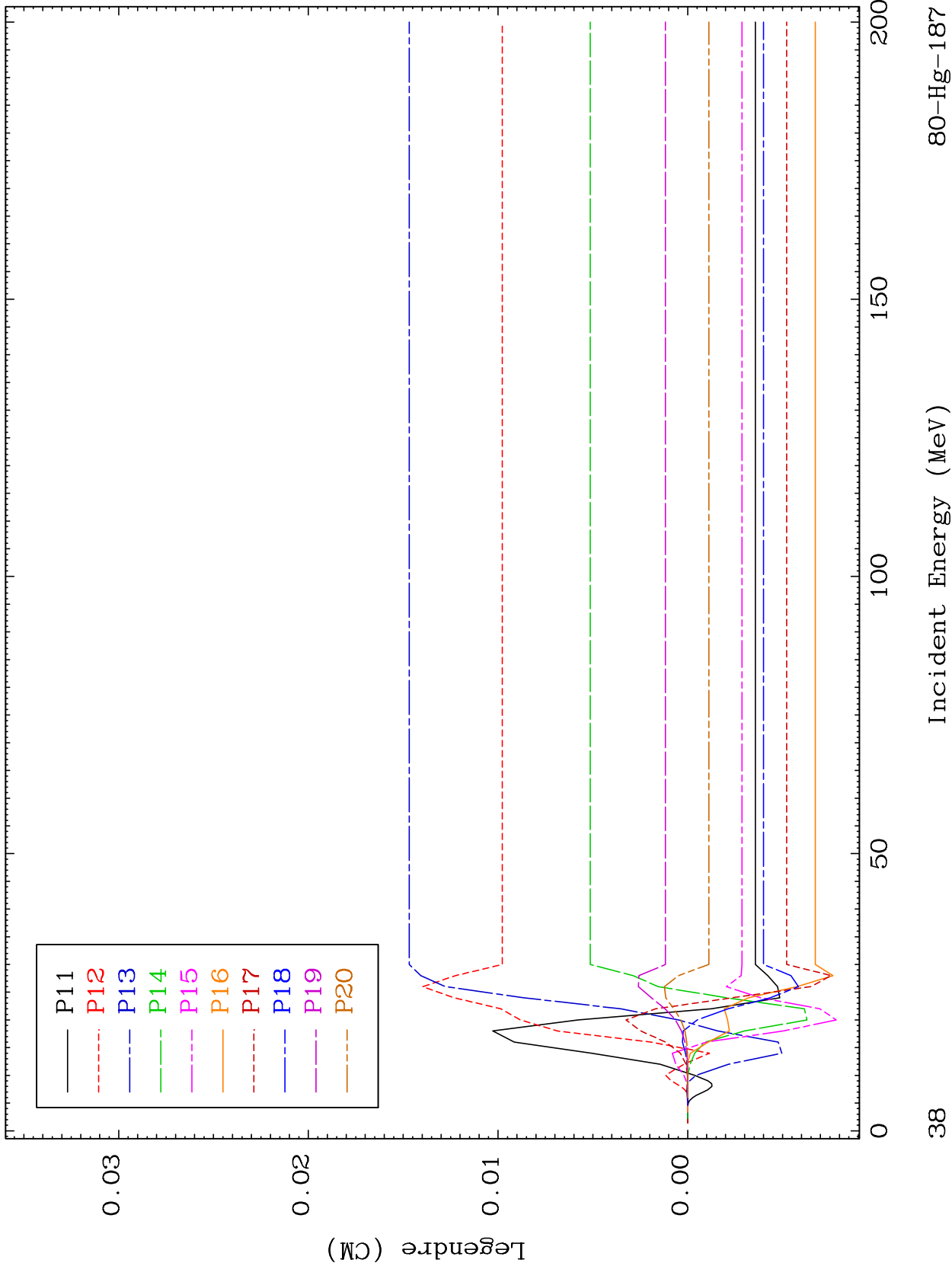




MAT 7998

242.7 keV (n,n') Level
Legendre Coefficients

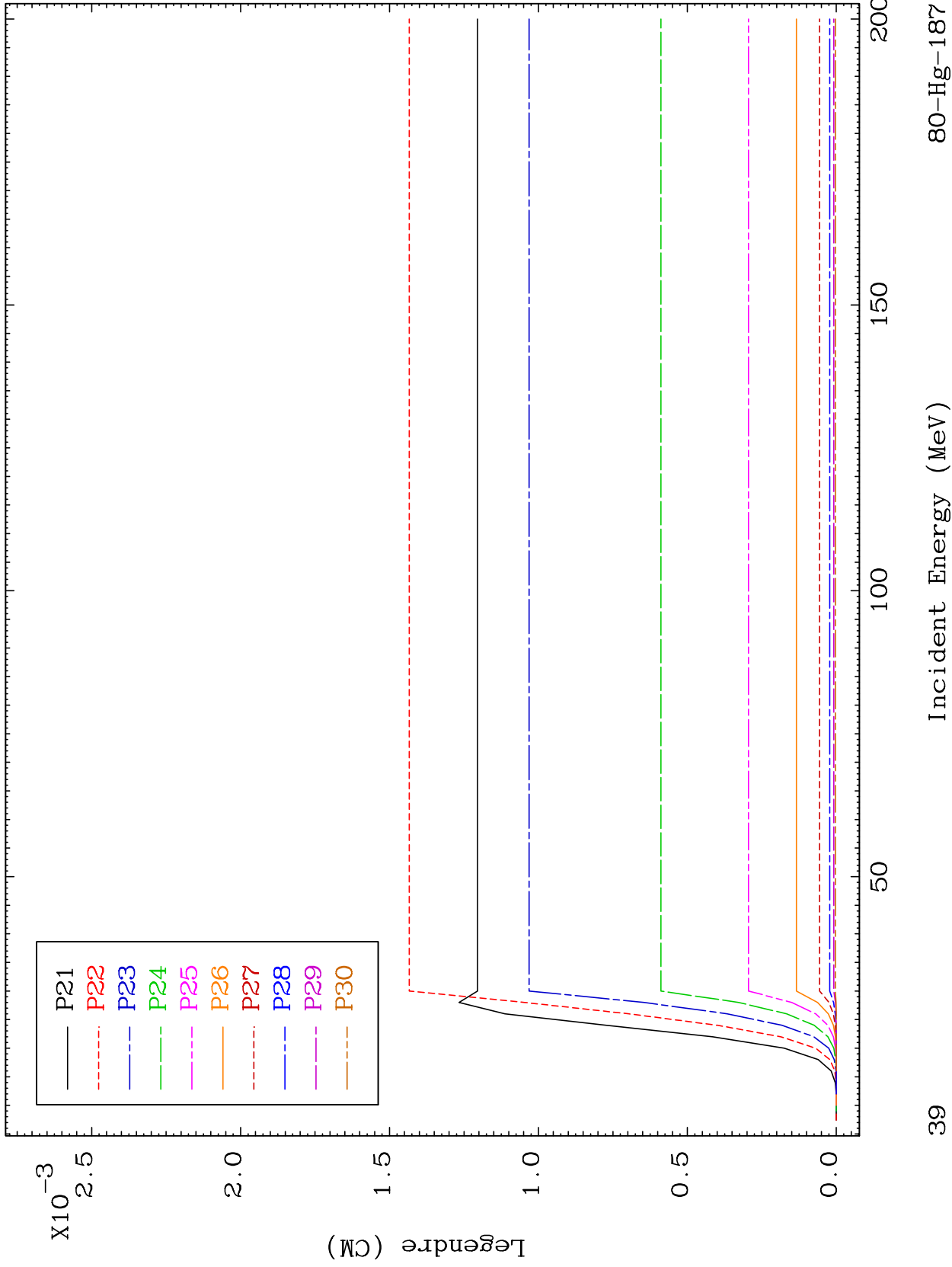
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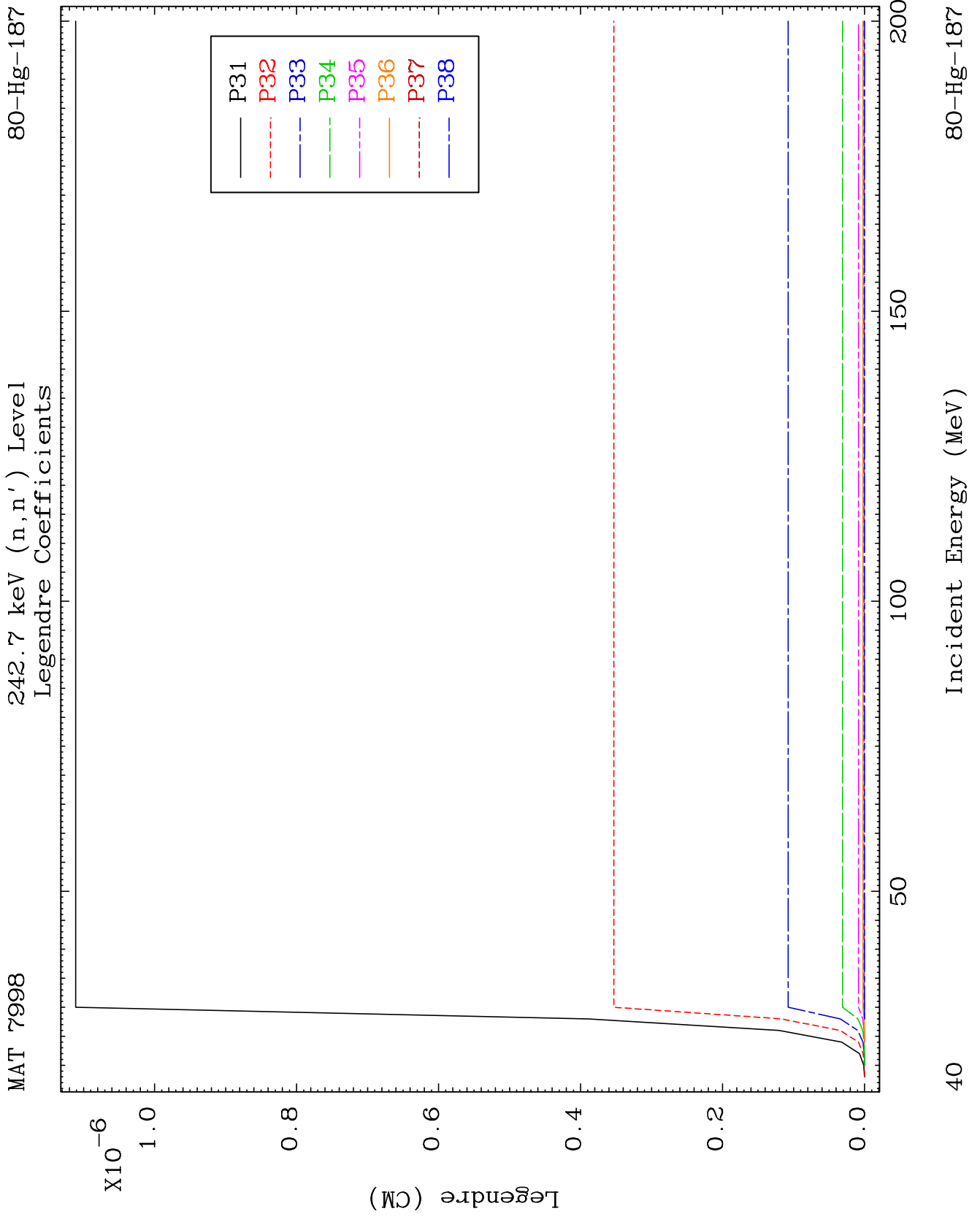


38

Incident Energy (MeV)

80-Hg-187

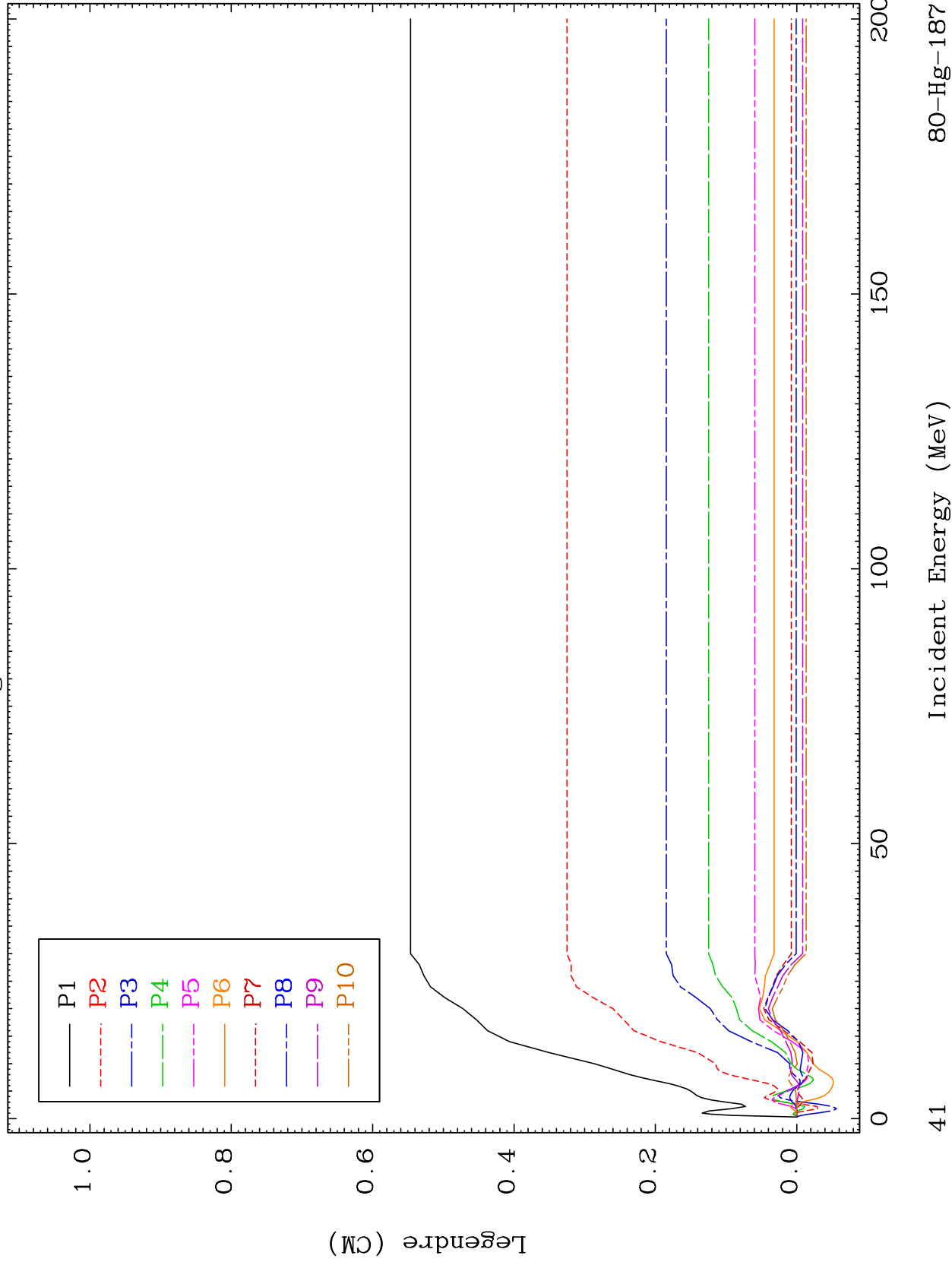




MAT 7998

278.4 keV (n, n') Level
Legendre Coefficients

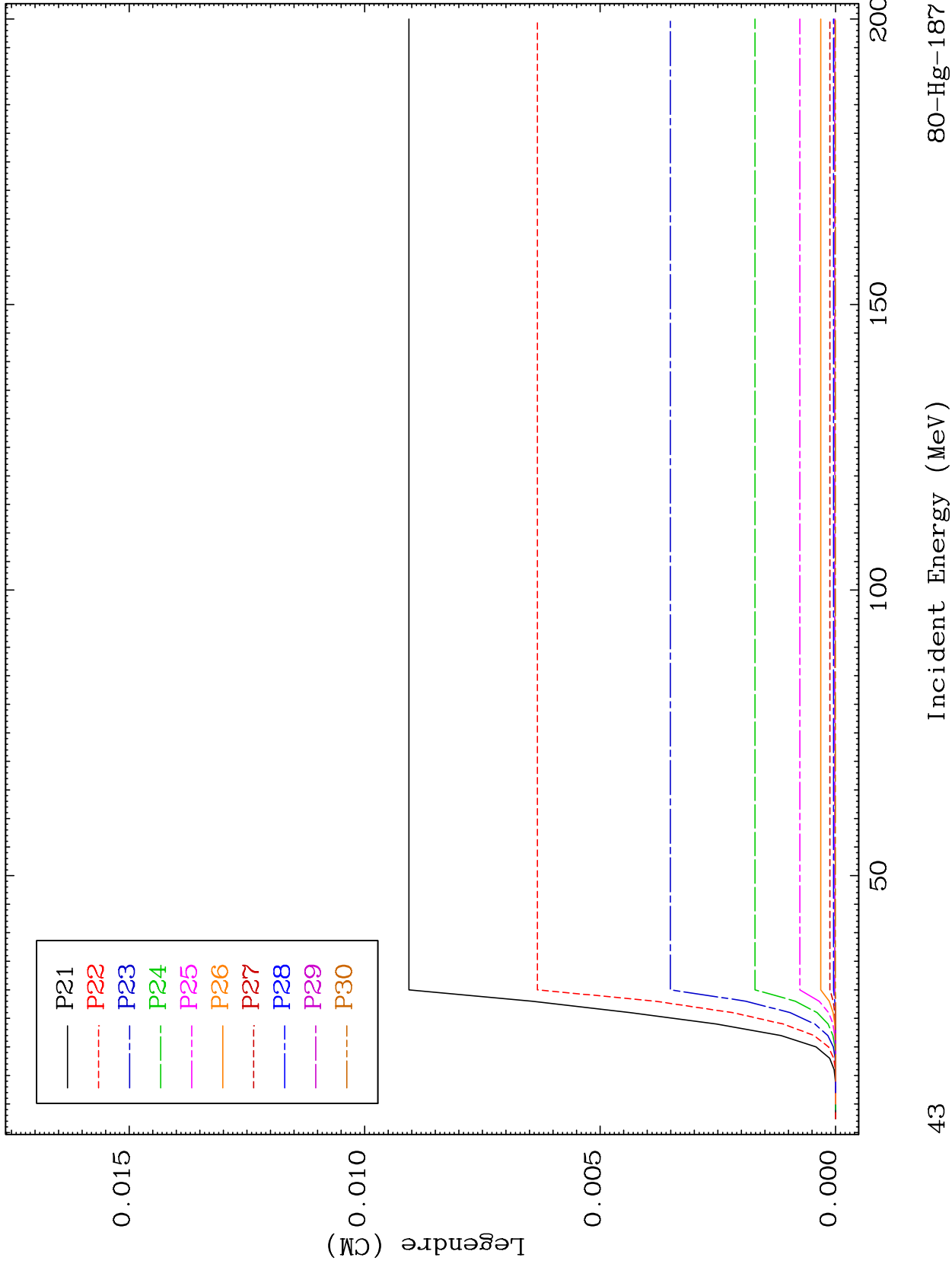
80-Hg-187



MAT 7998

278.4 keV (n,n') Level
Legendre Coefficients

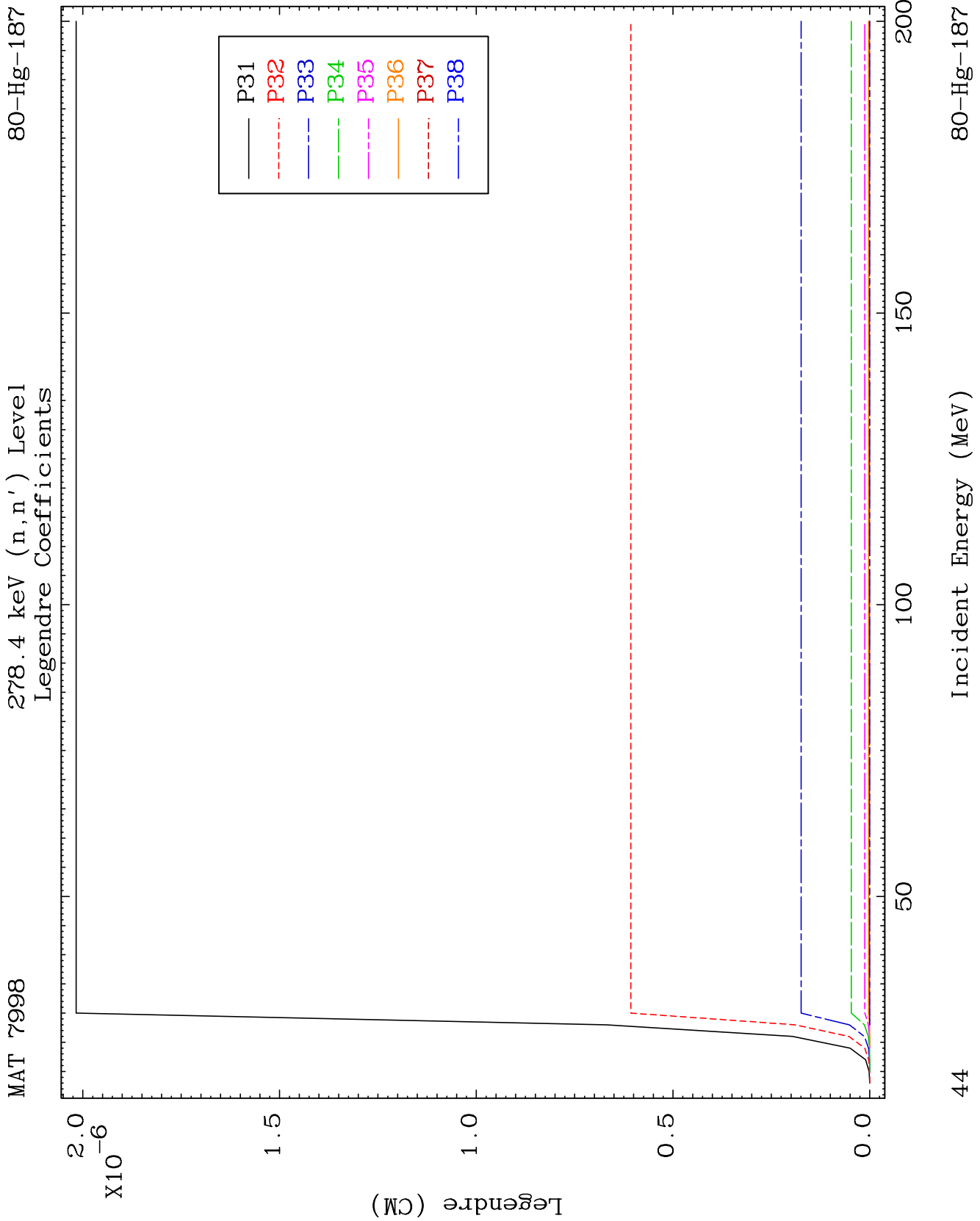
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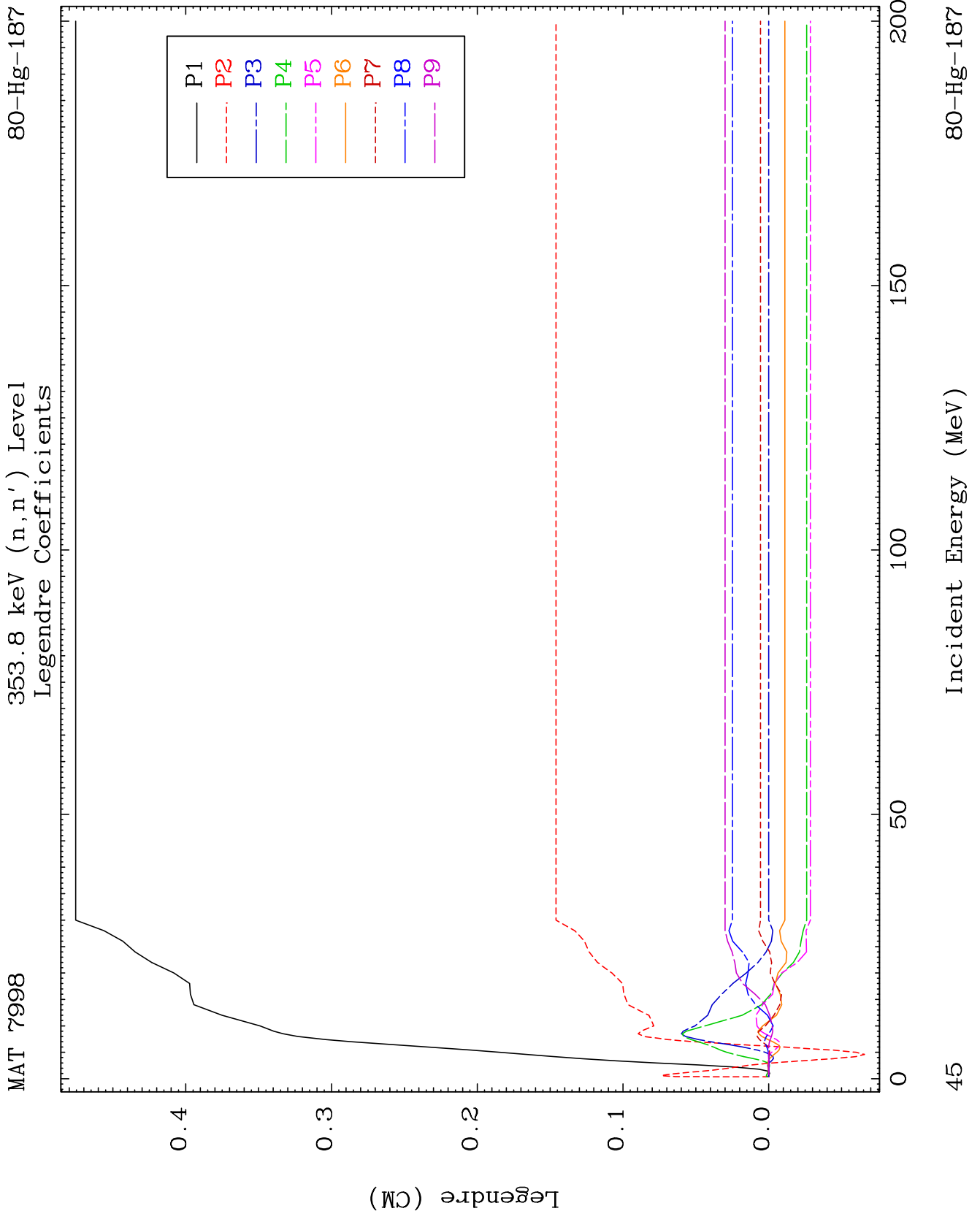


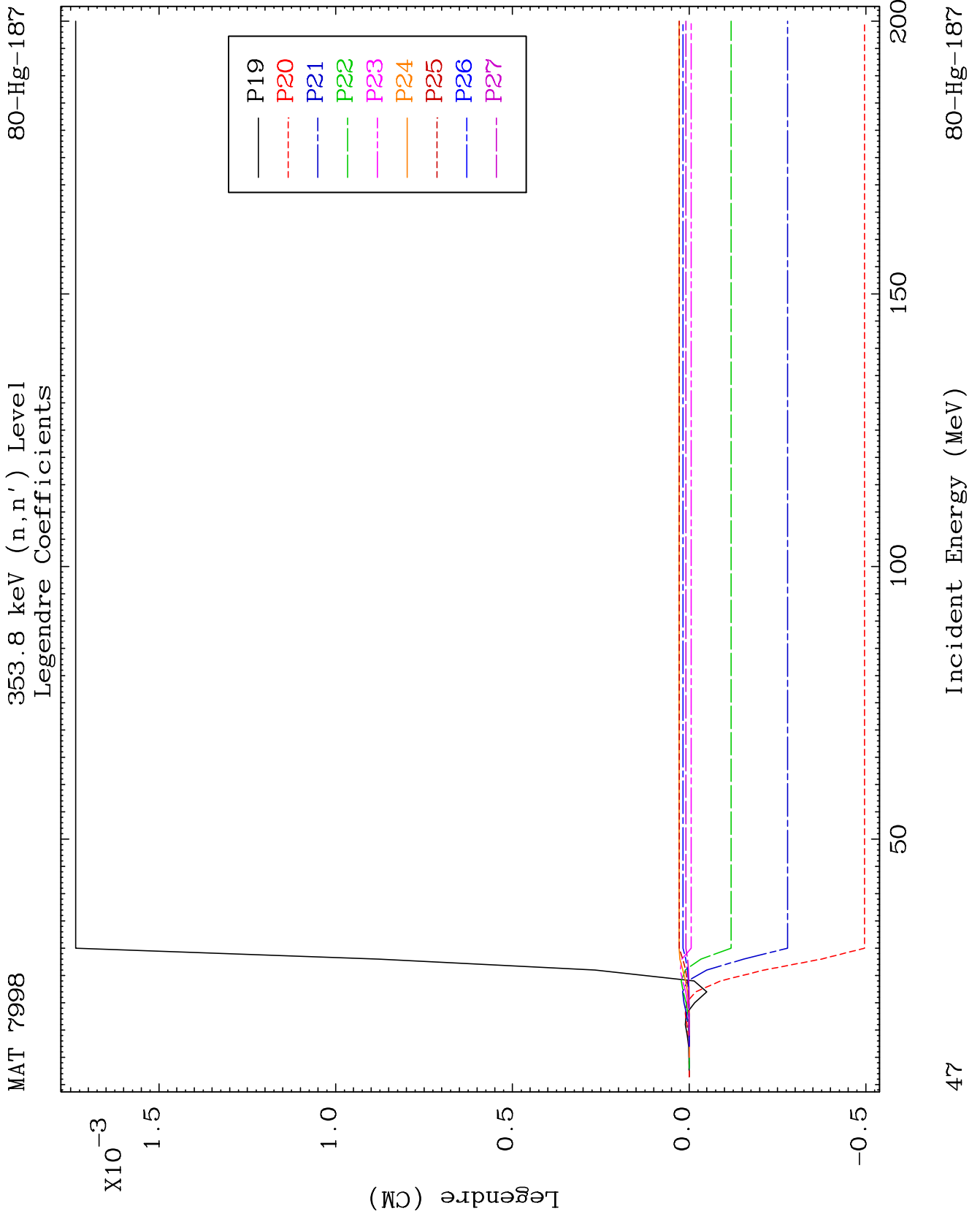
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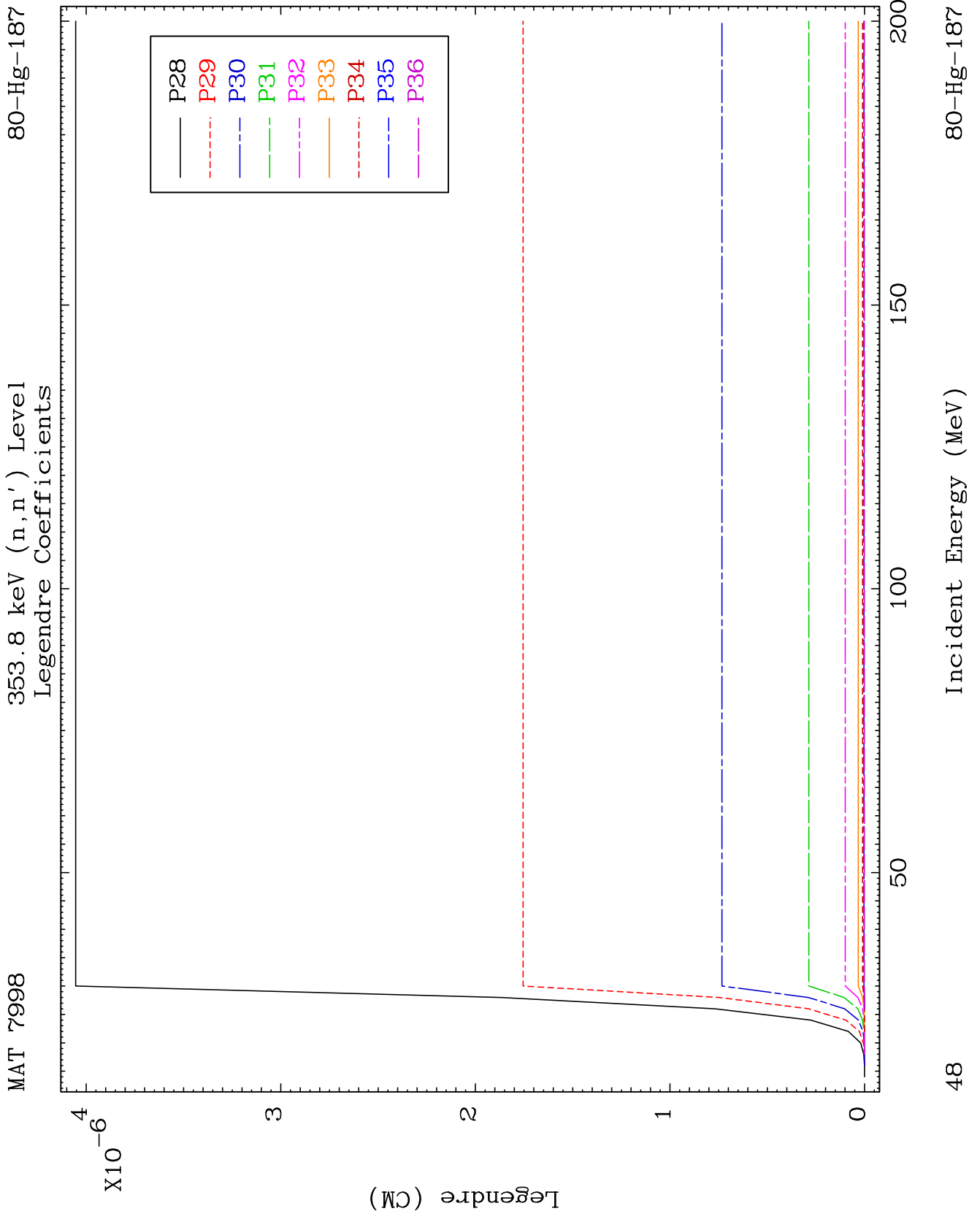
Incident Energy (MeV)

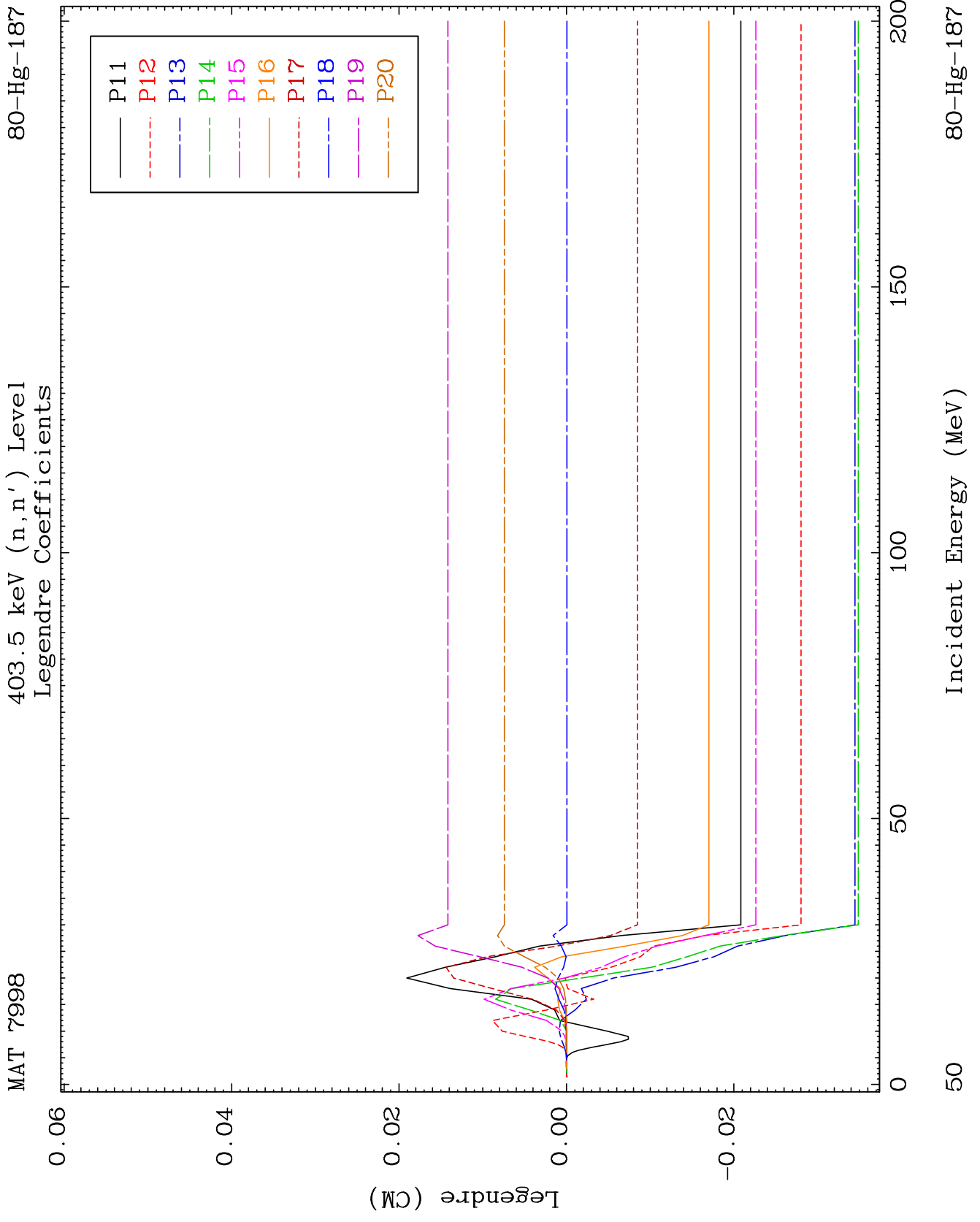
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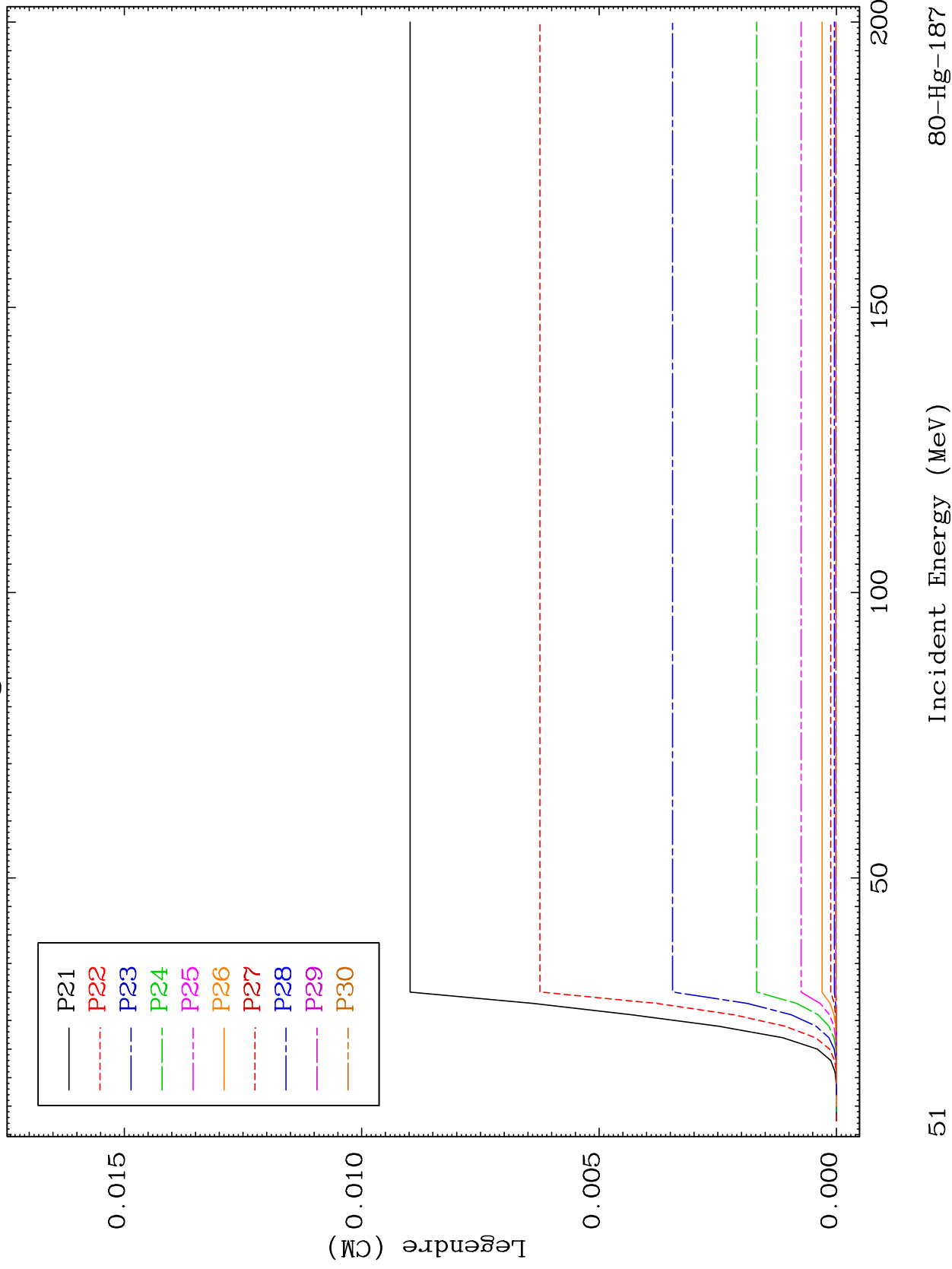


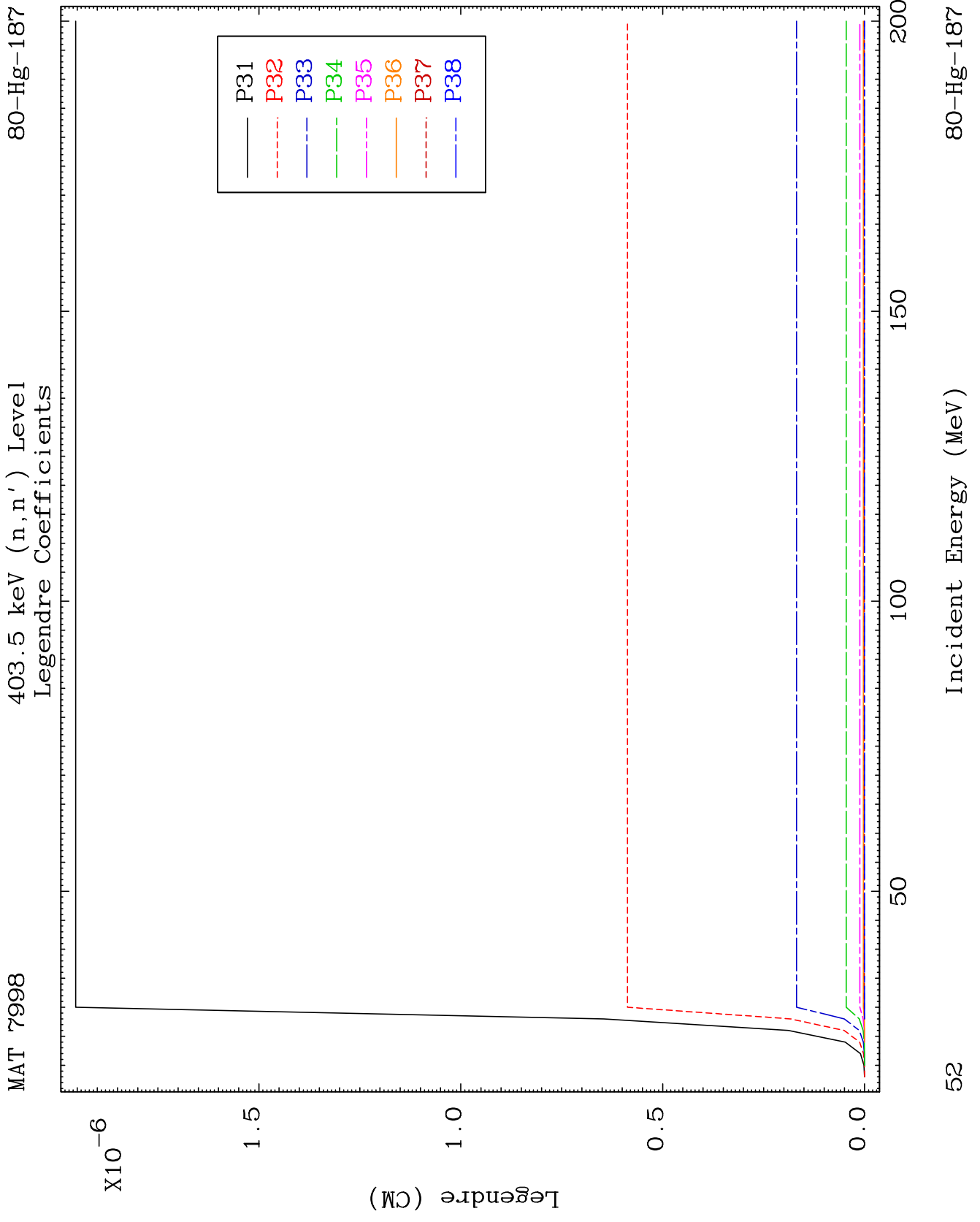


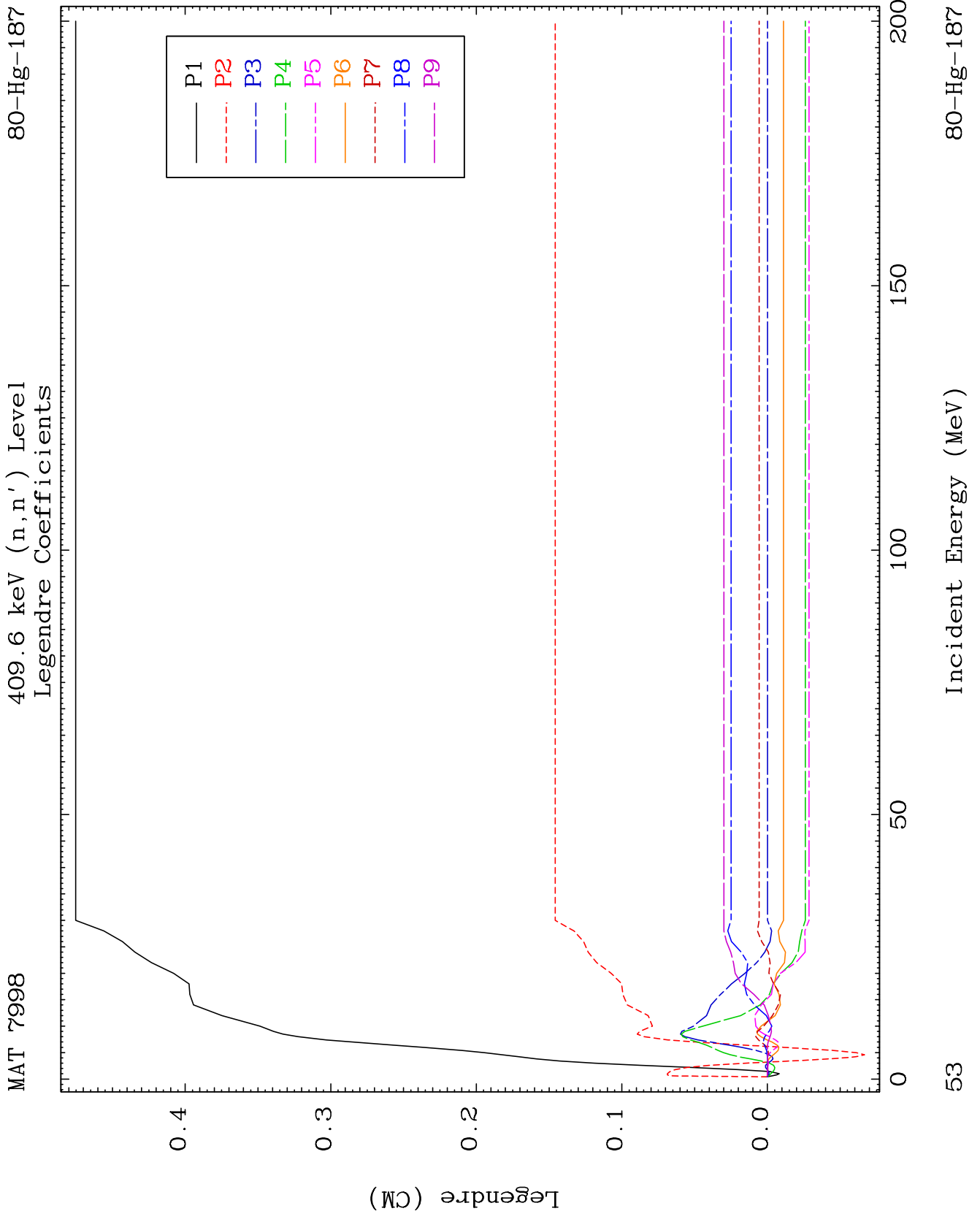


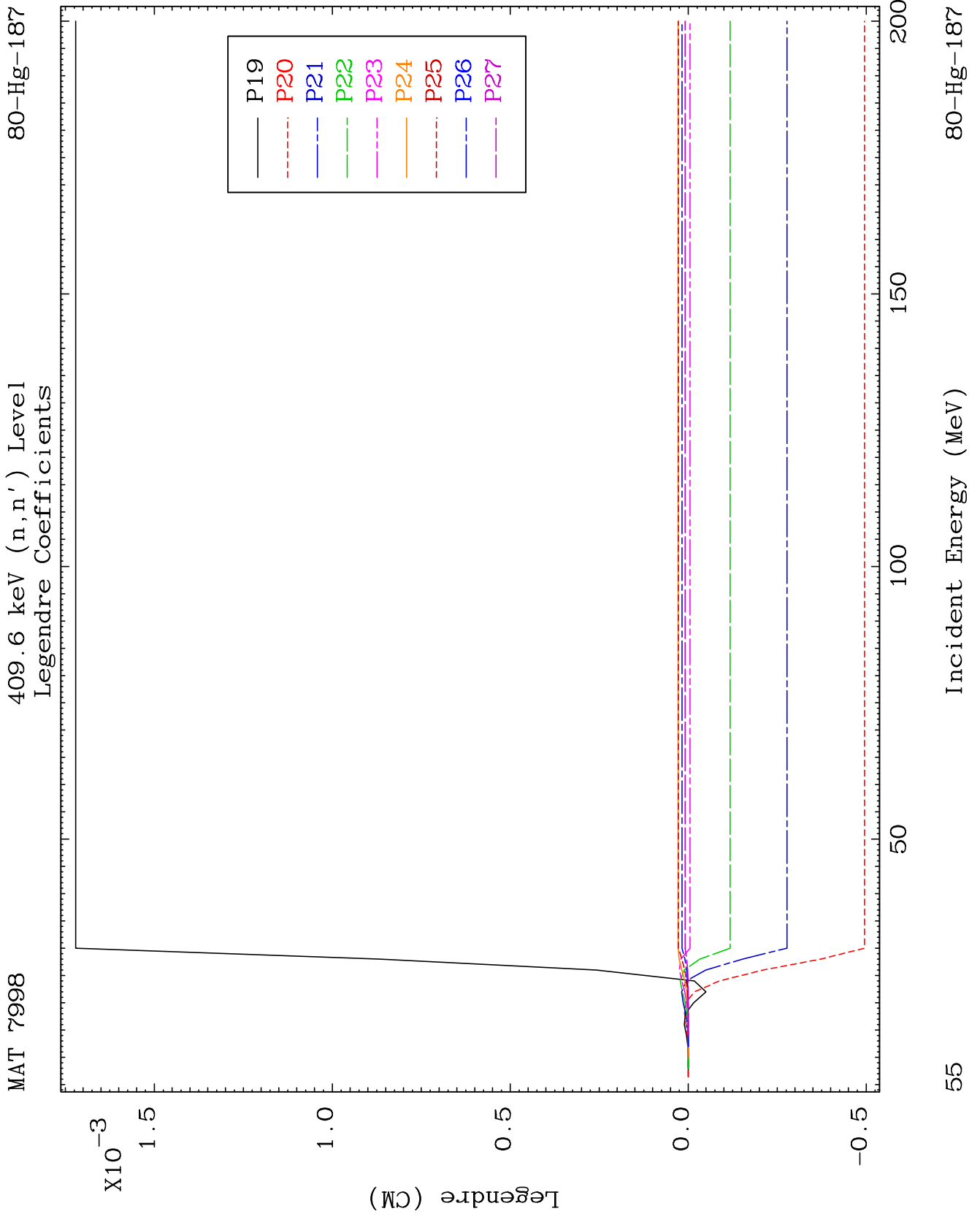


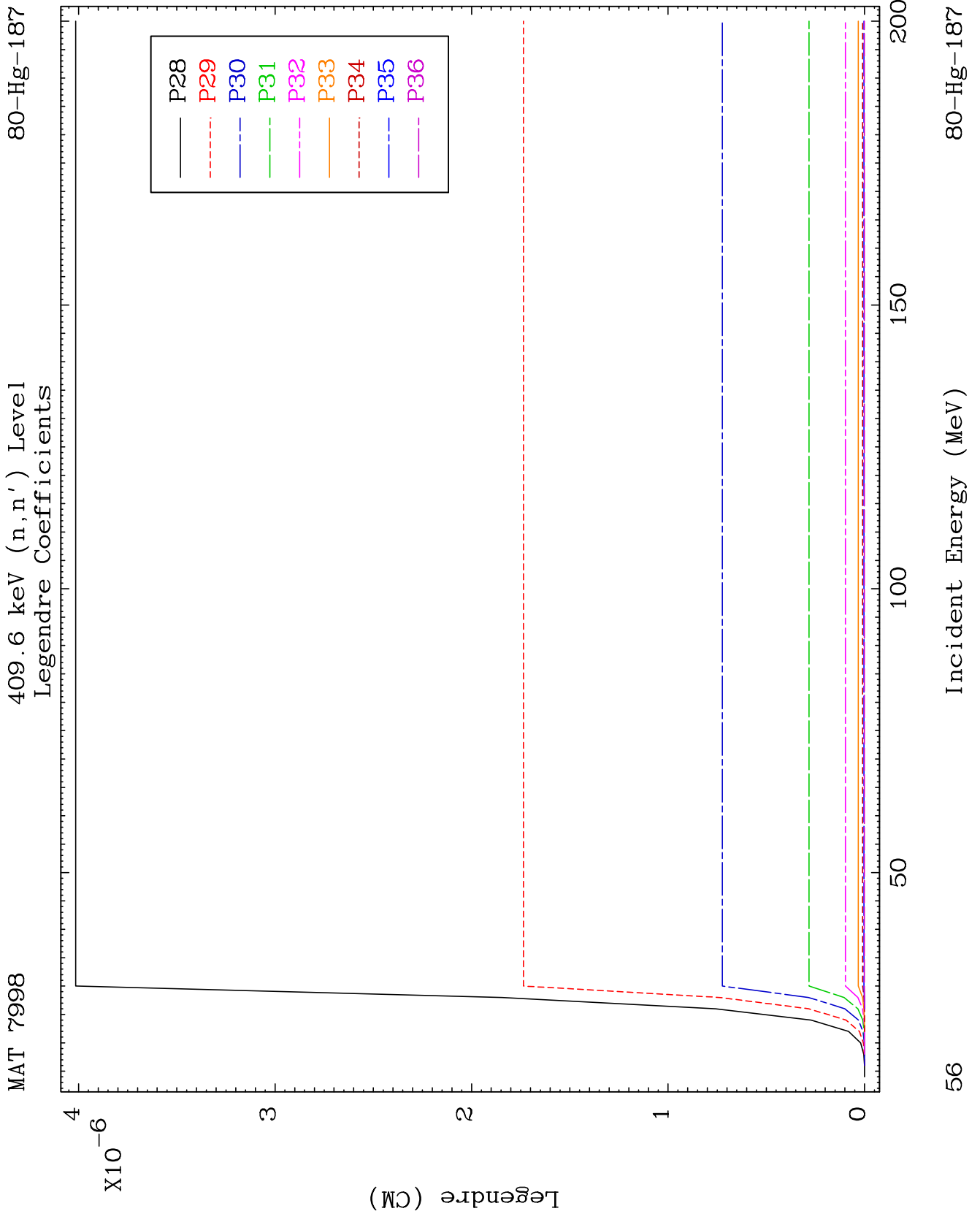


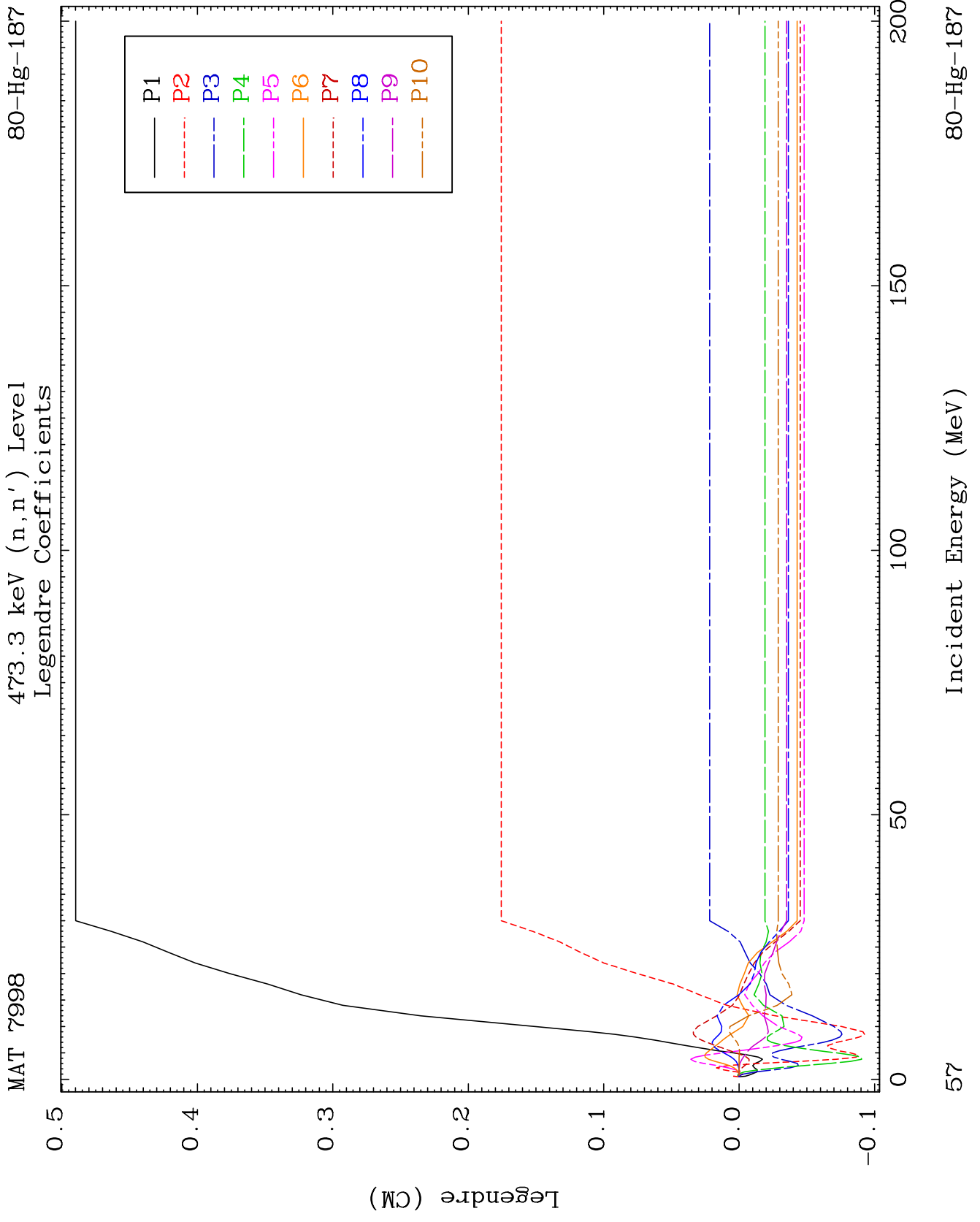








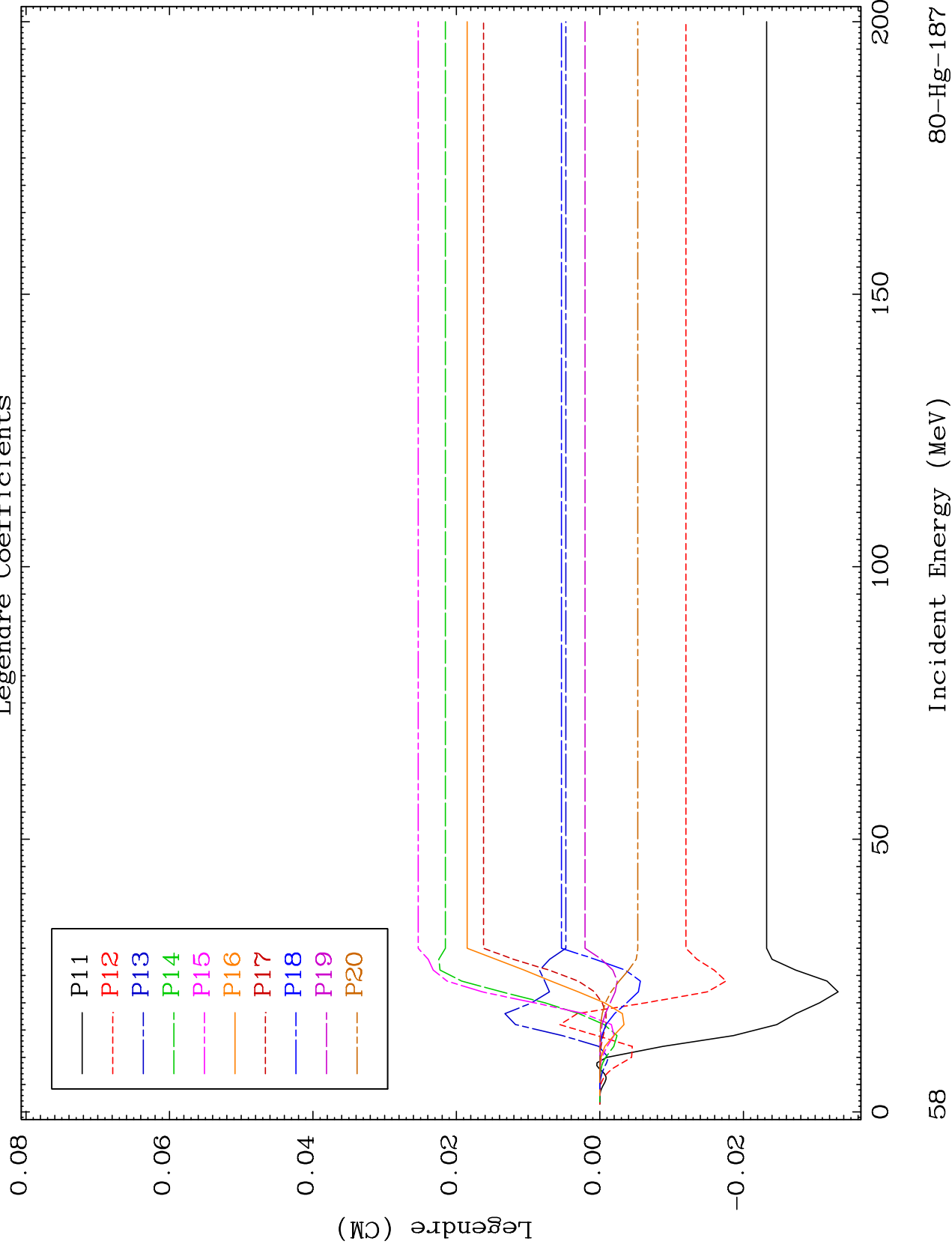




MAT 7998

473.3 keV (n,n') Level
Legendre Coefficients

80-Hg-187



80-Hg-187

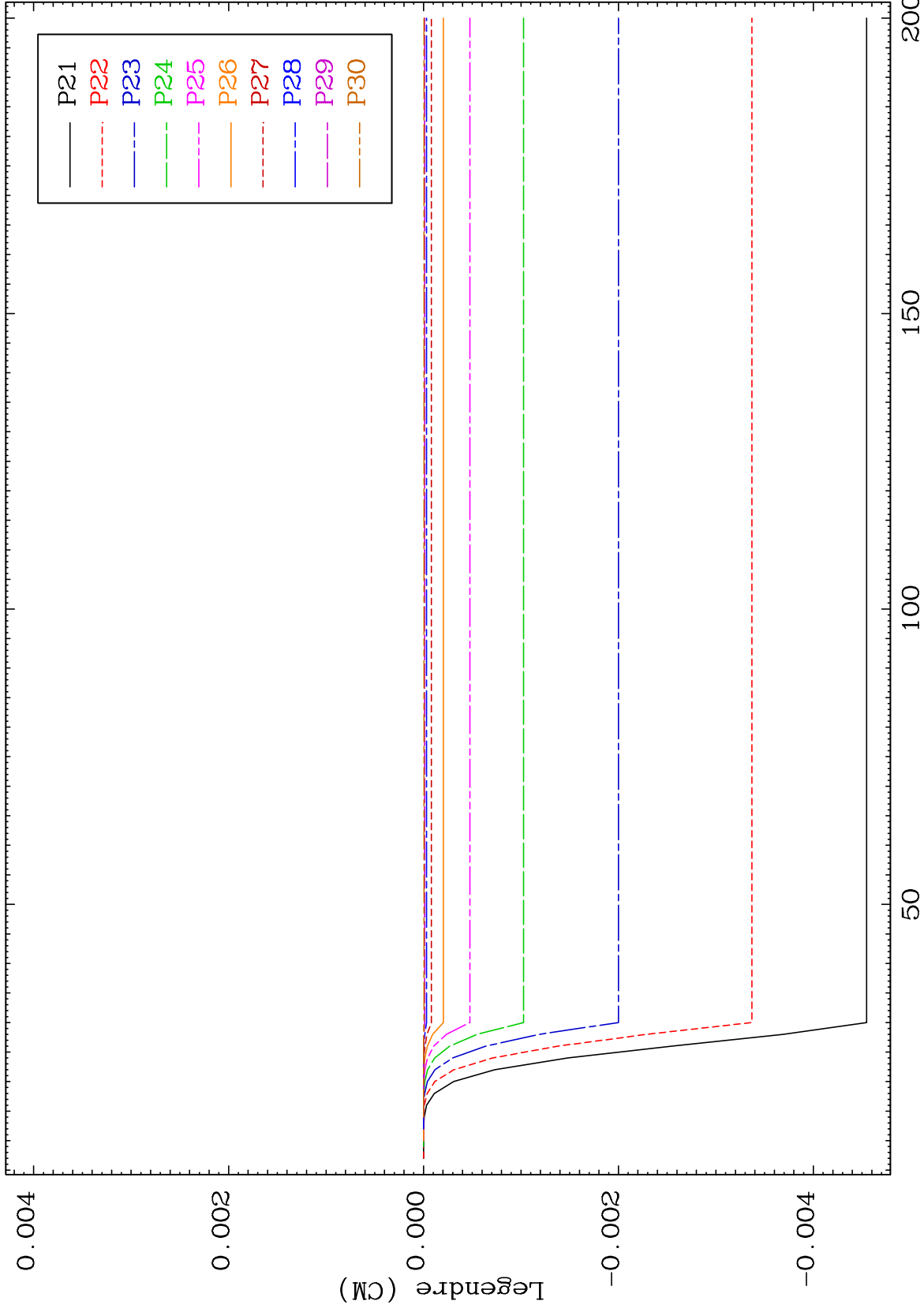
Incident Energy (MeV)

58

MAT 7998

473.3 keV (n,n') Level
Legendre Coefficients

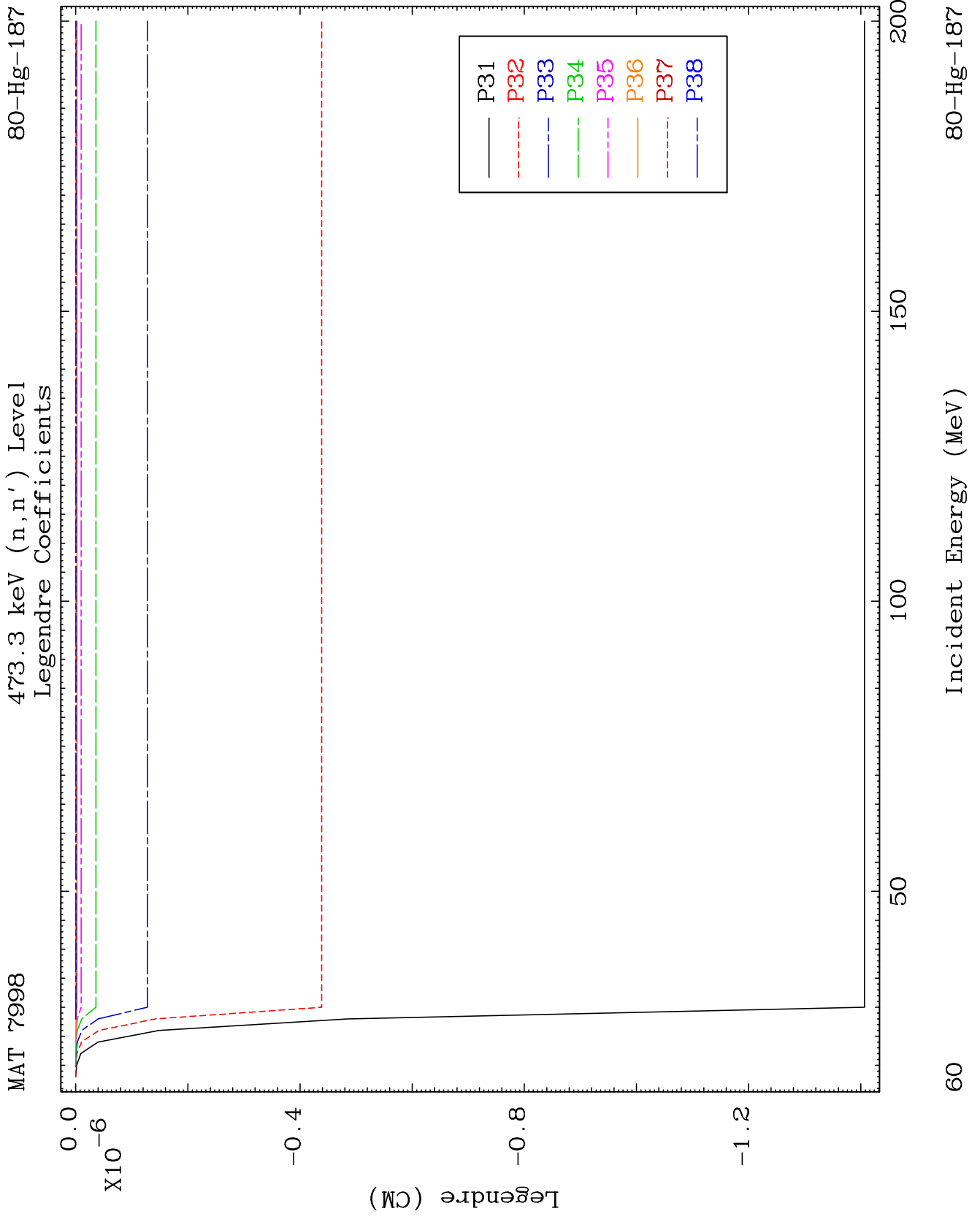
80-Hg-187



59

Incident Energy (MeV)

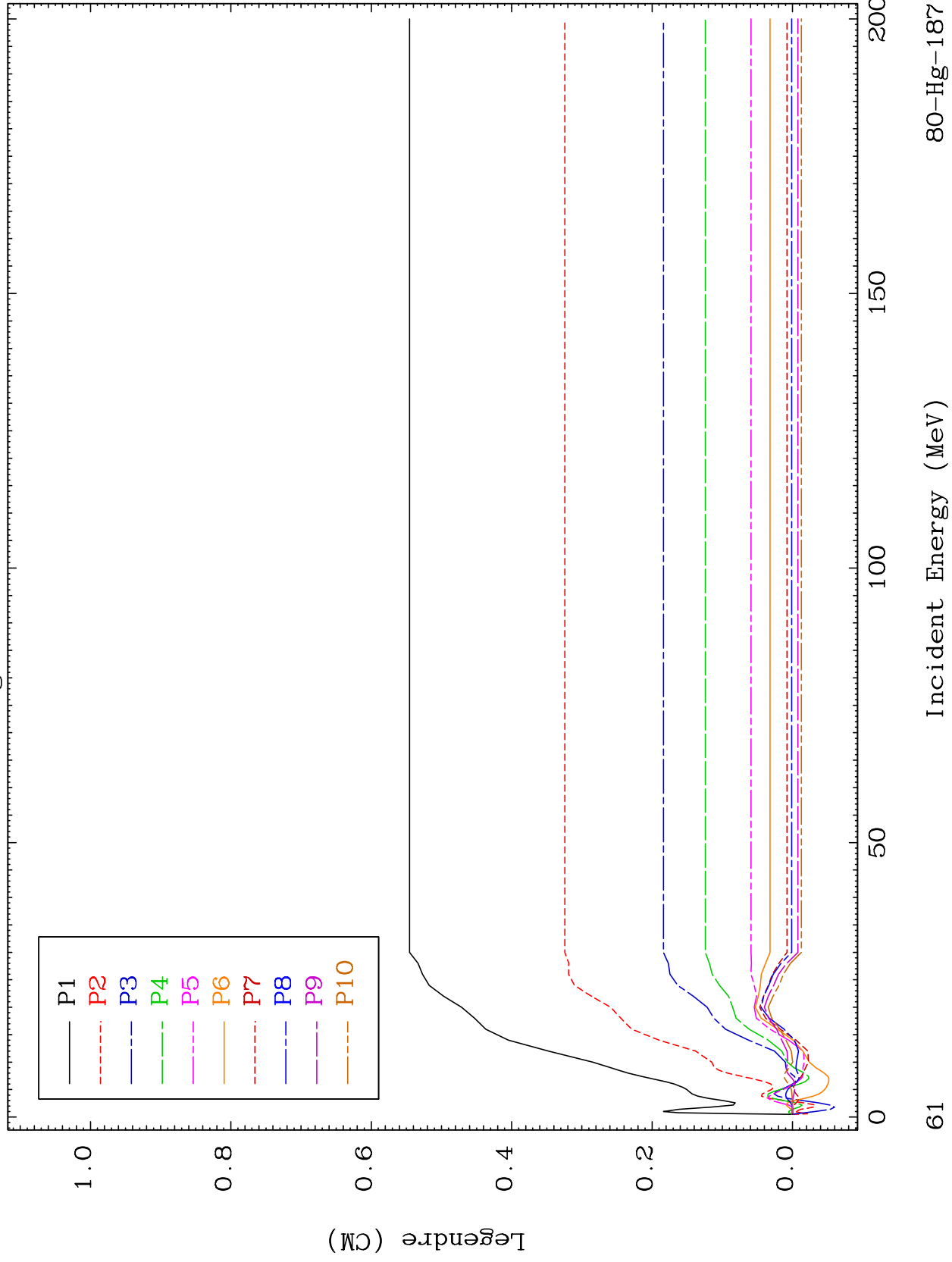
80-Hg-187



MAT 7998

474.4 keV (n, n') Level
Legendre Coefficients

80-Hg-187



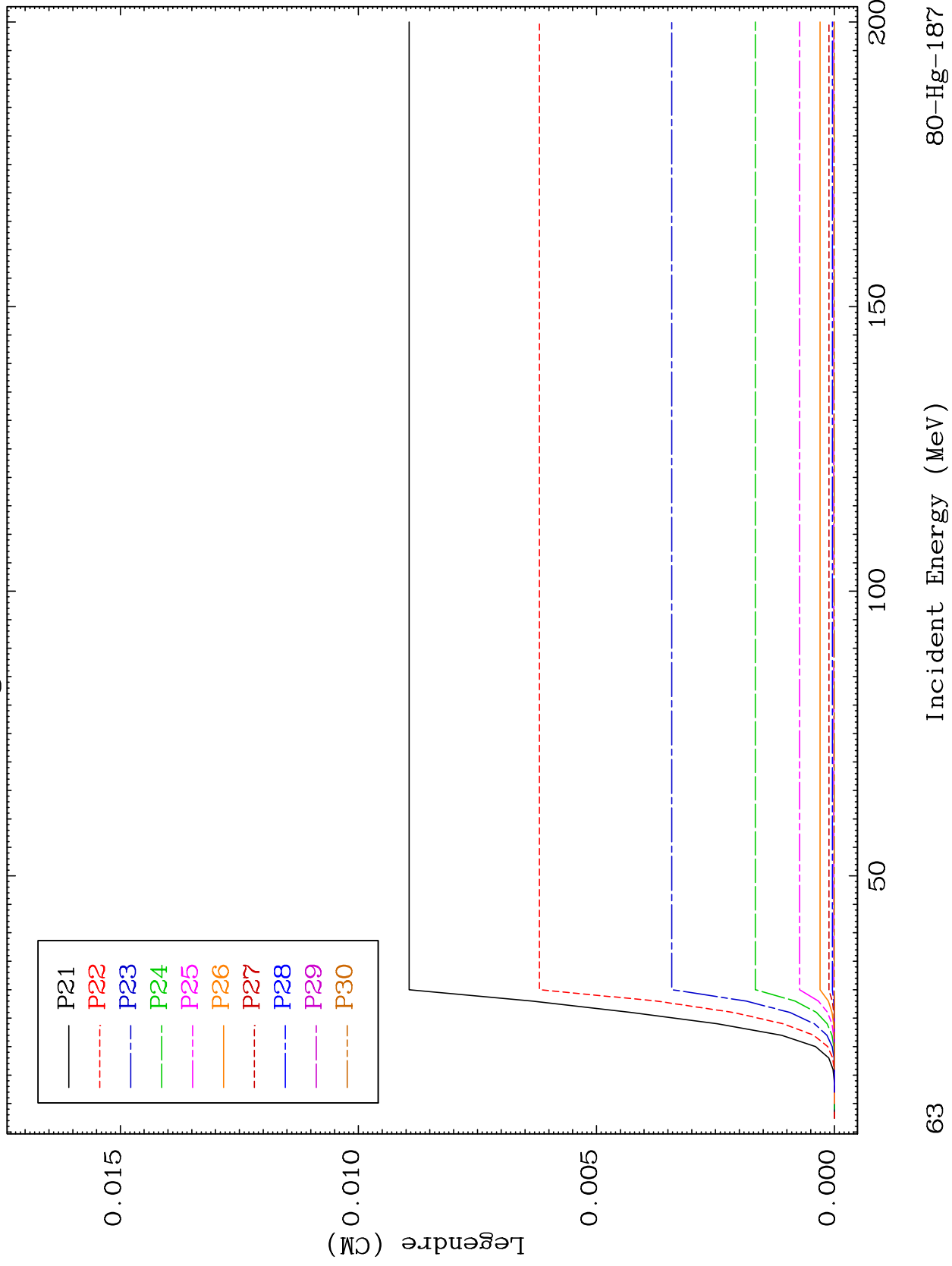
61

80-Hg-187

MAT 7998

474.4 keV (n,n') Level
Legendre Coefficients

80-Hg-187



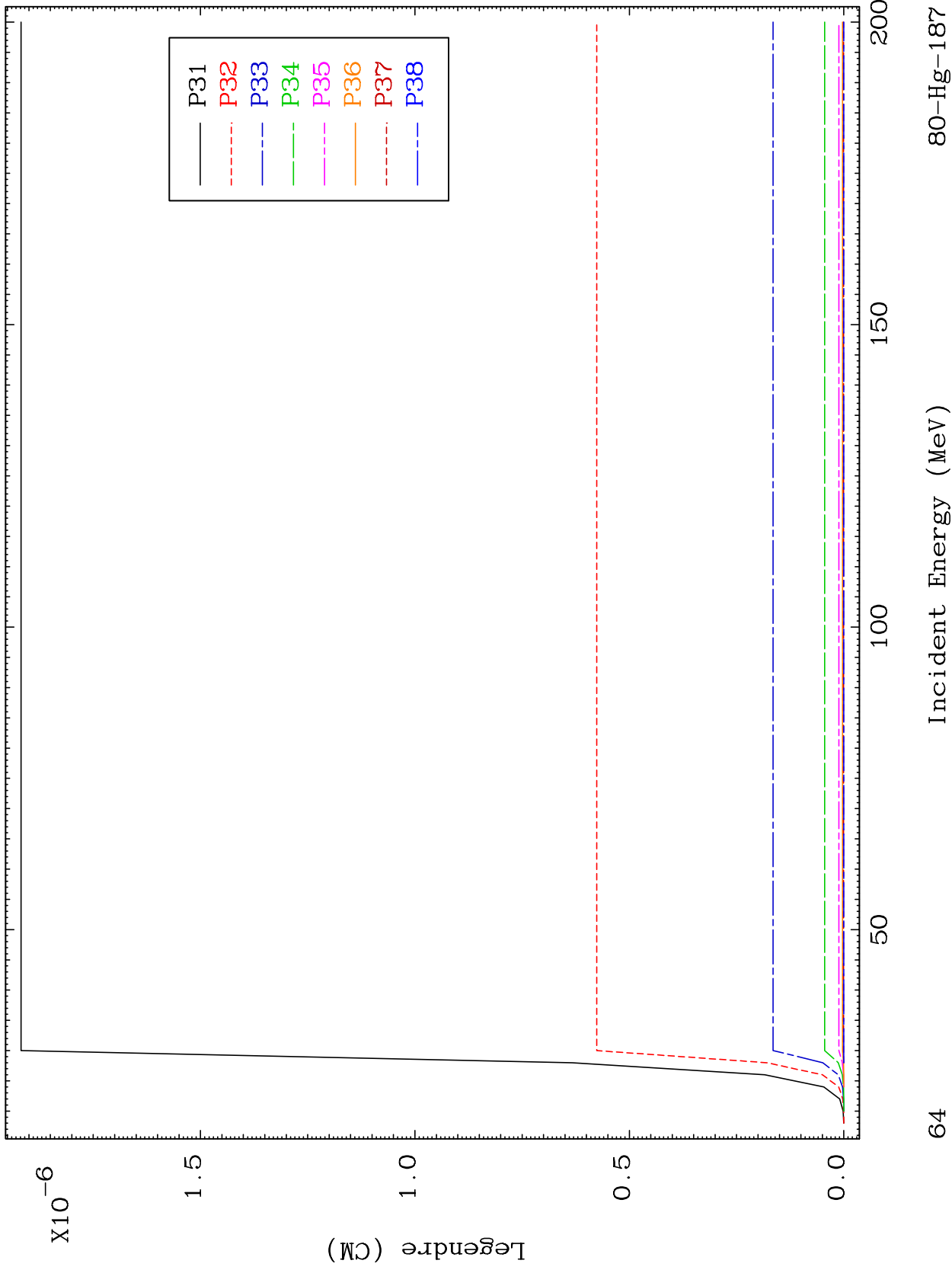
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80-Hg-187

MAT 7998

474.4 keV (n,n') Level
Legendre Coefficients

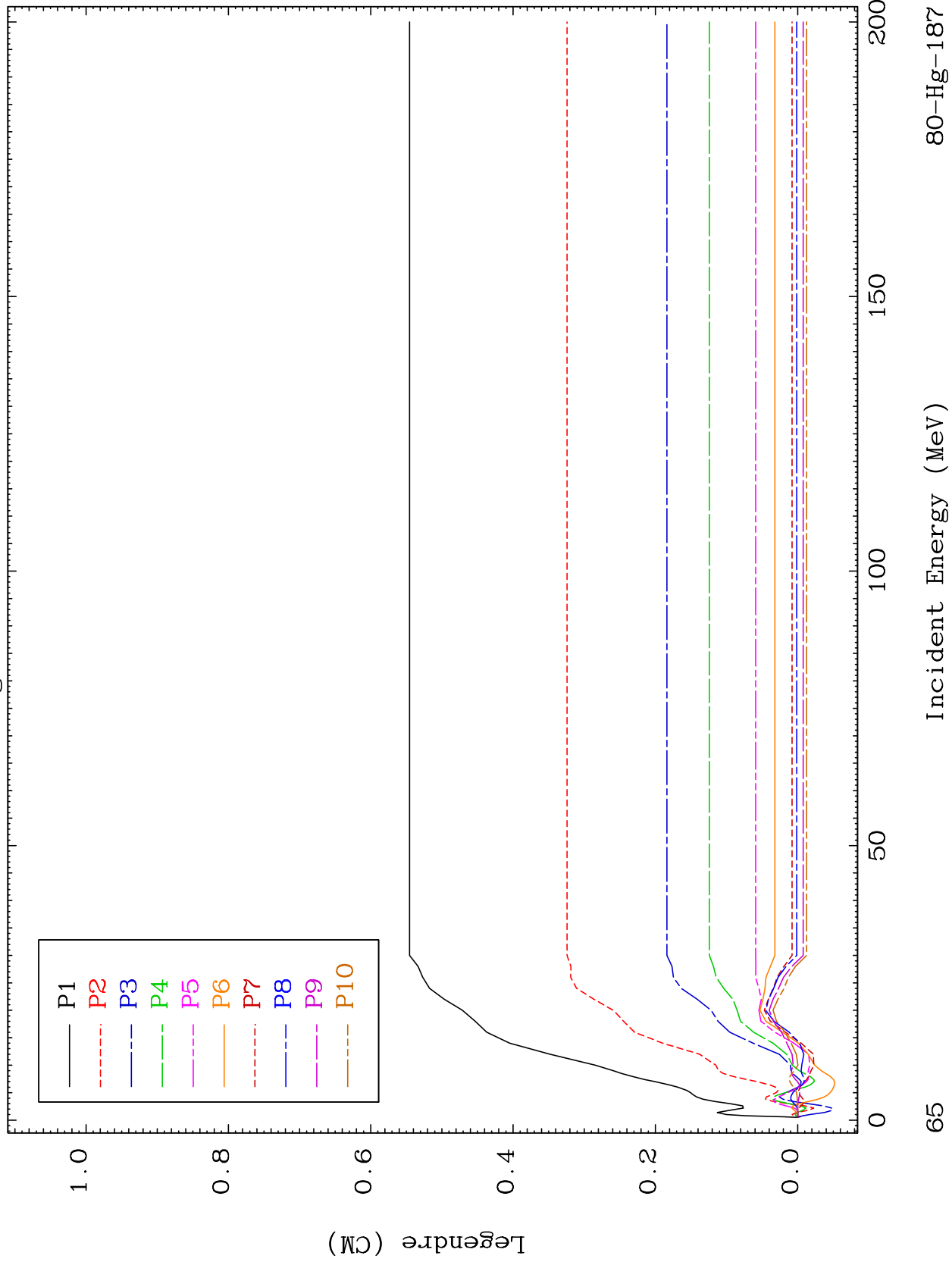
80-Hg-187



MAT 7998

483.6 keV (n,n') Level
Legendre Coefficients

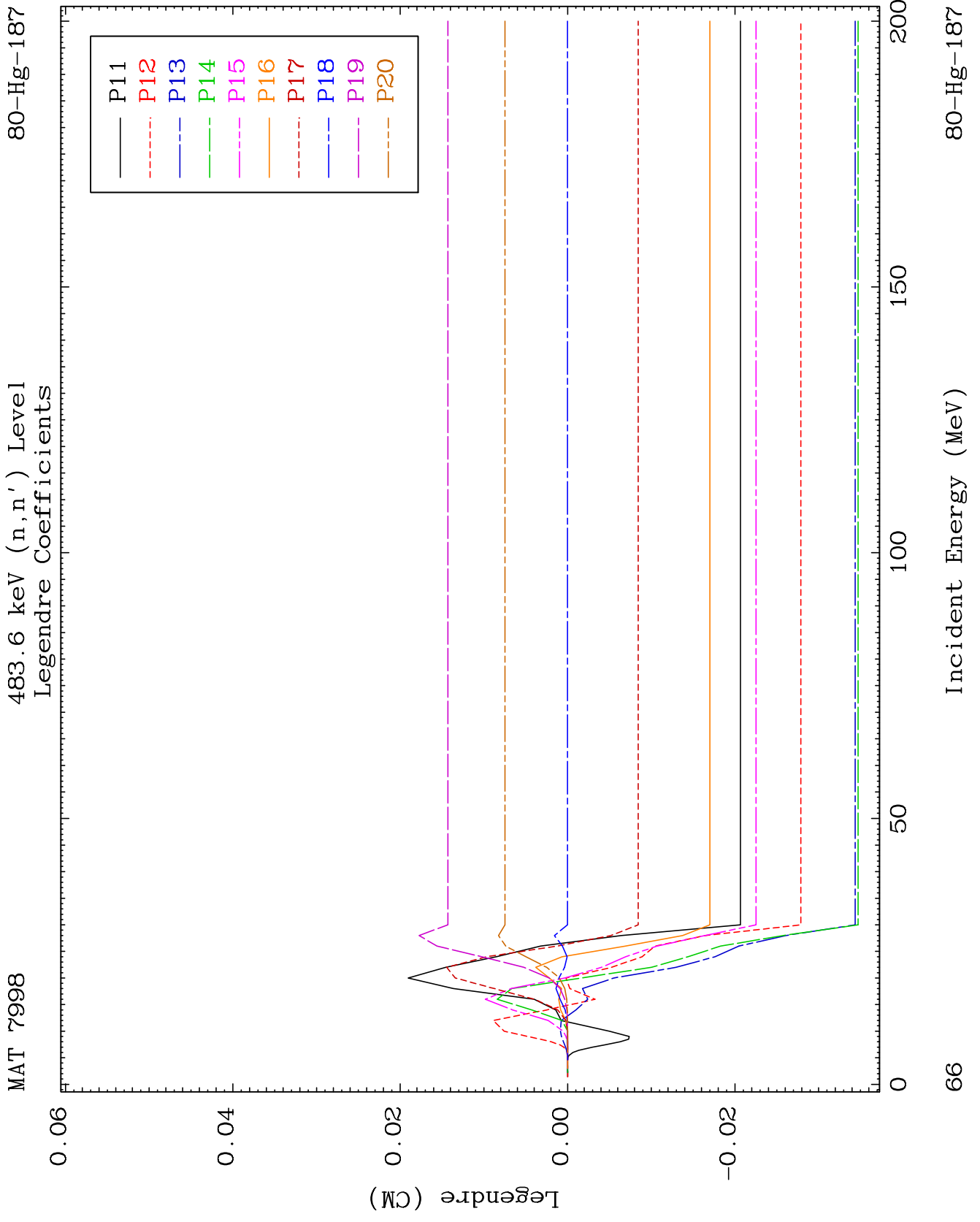
80-Hg-187



80-Hg-187

Incident Energy (MeV)

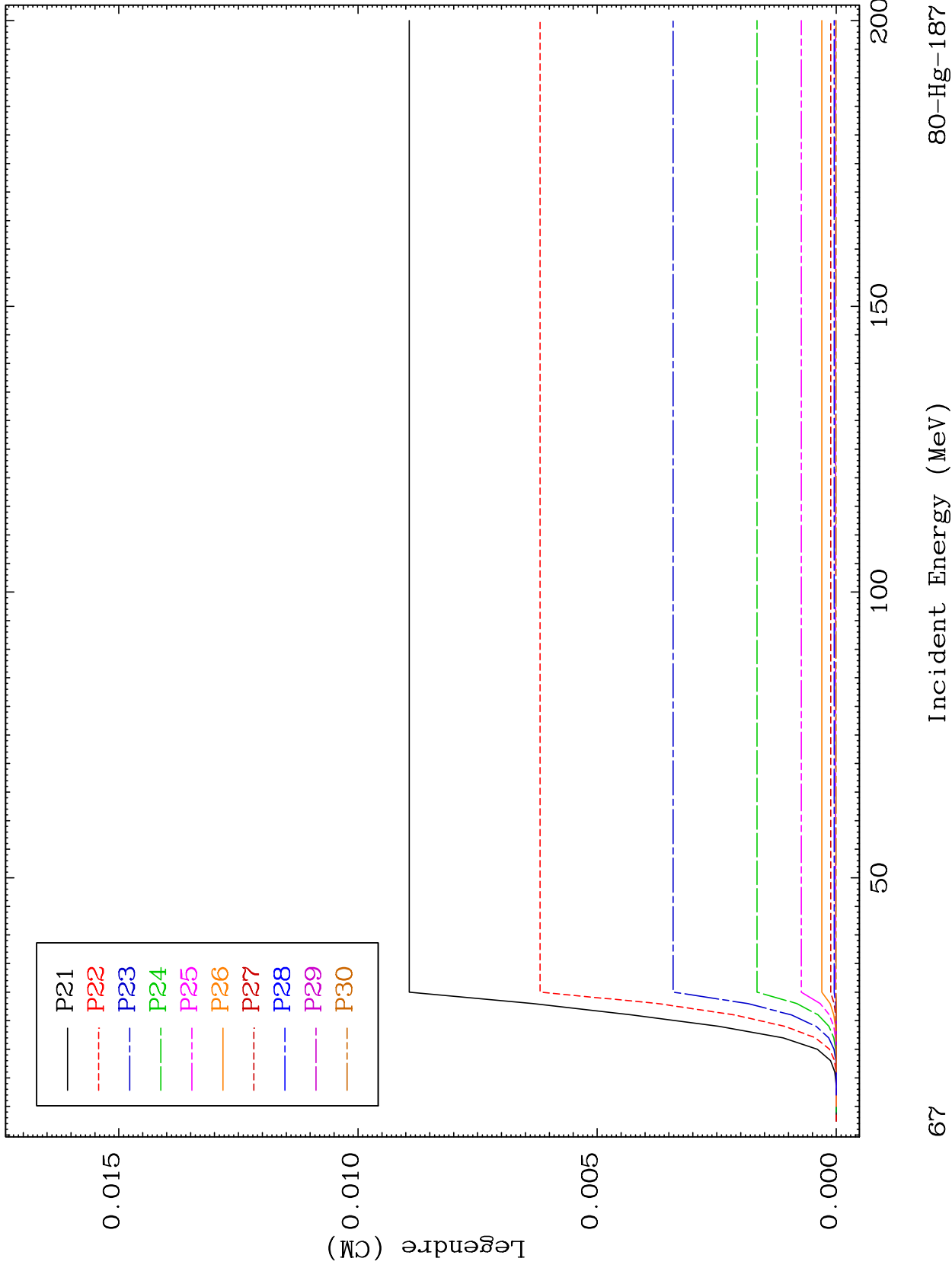
65



MAT 7998

483.6 keV (n,n') Level
Legendre Coefficients

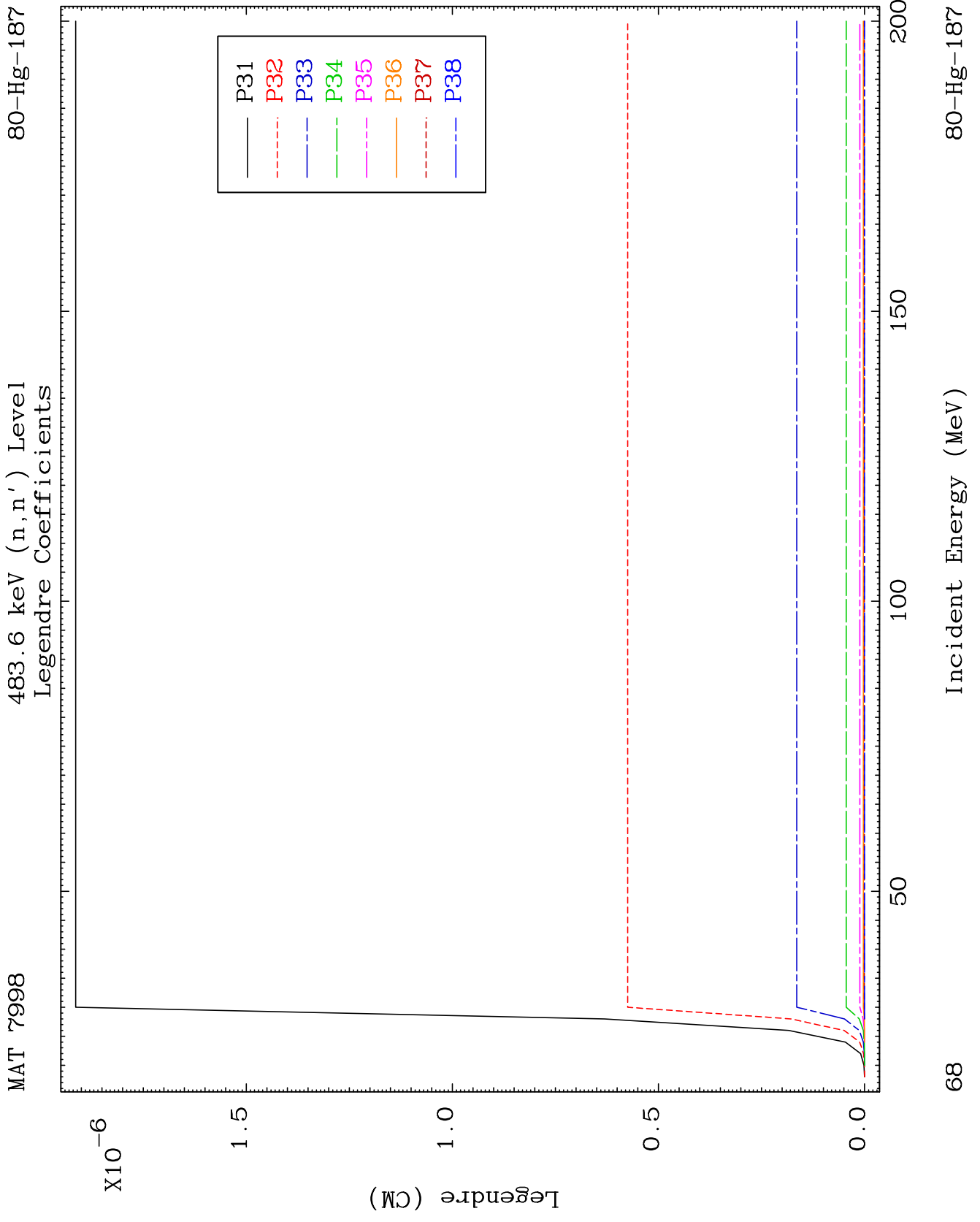
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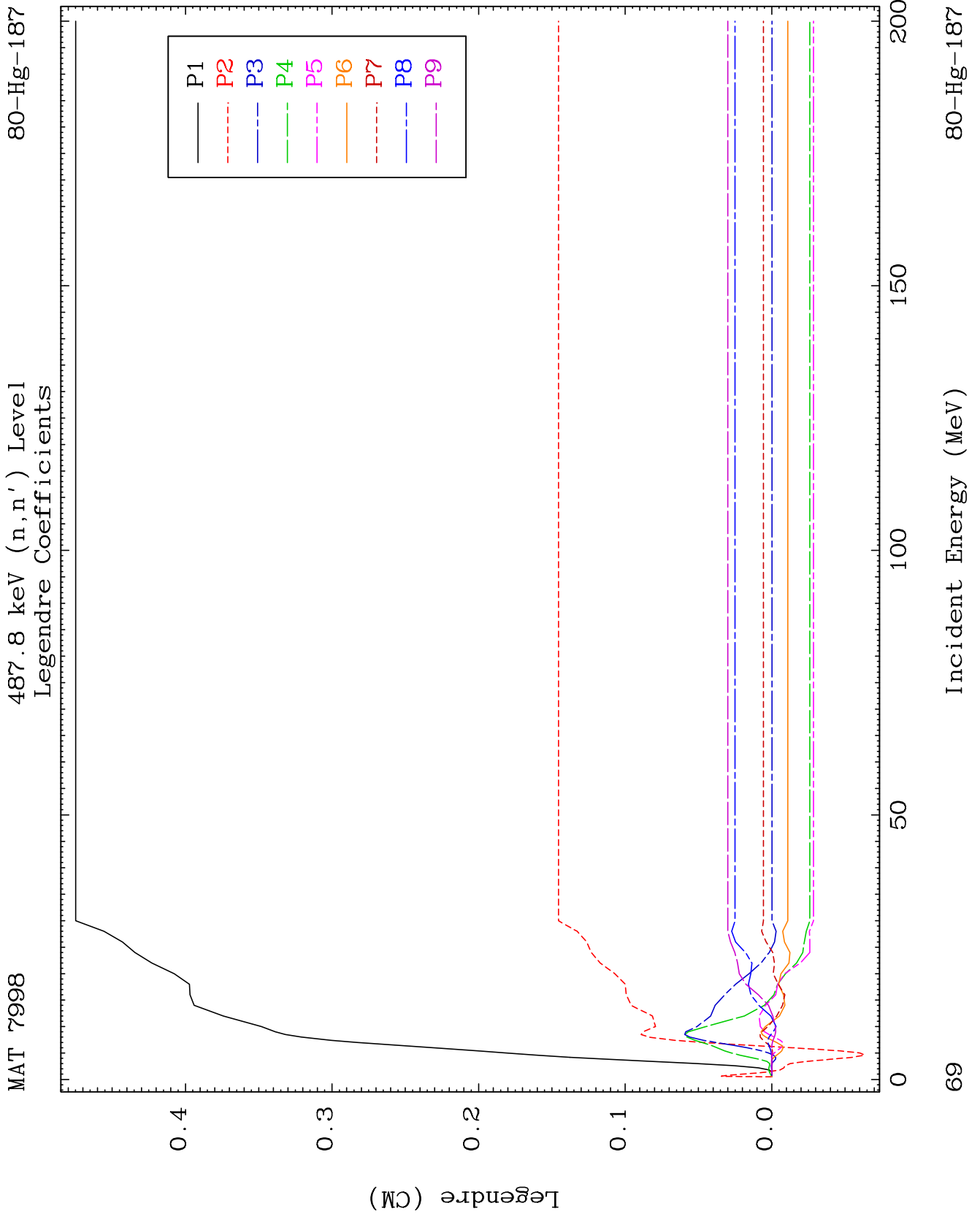


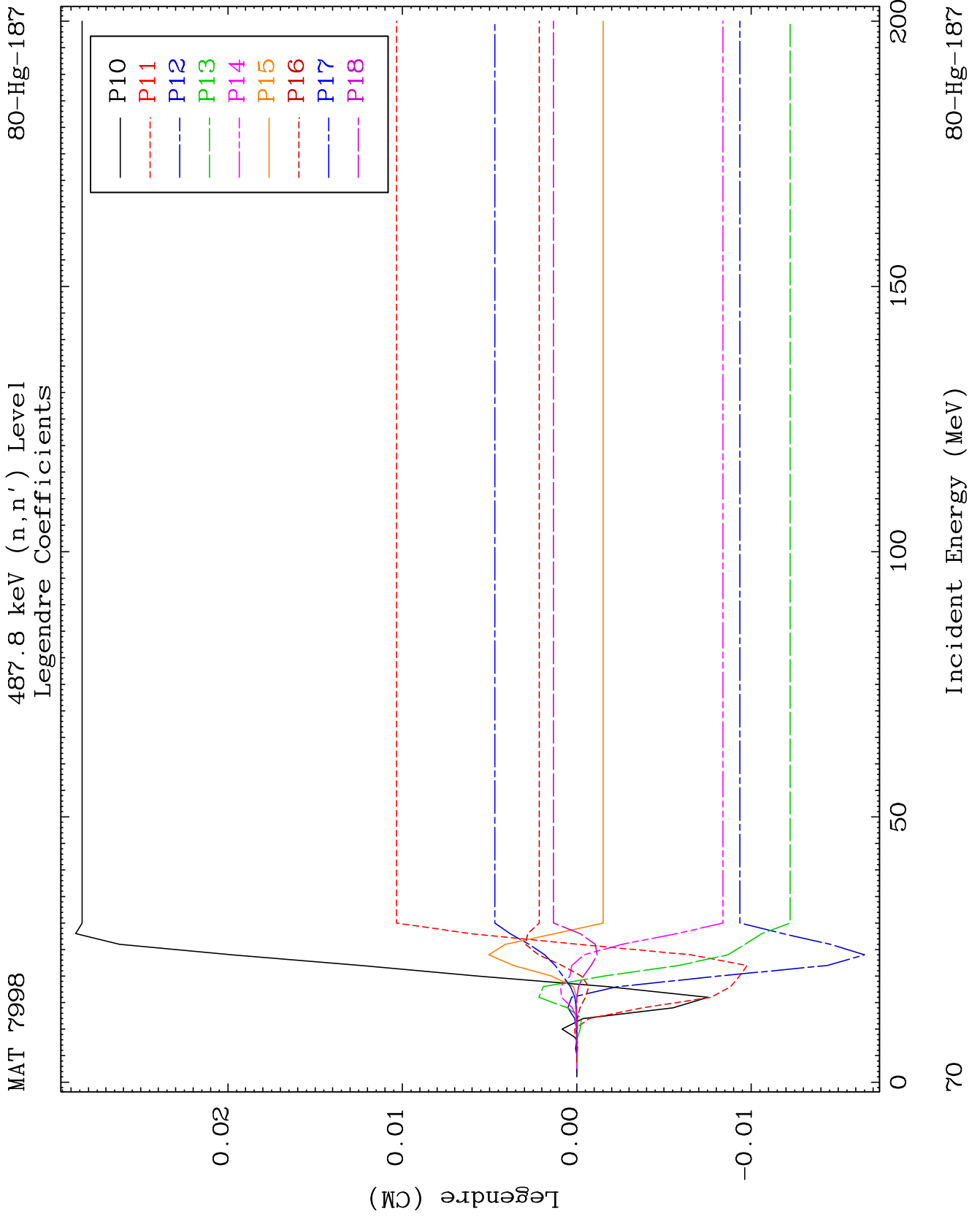
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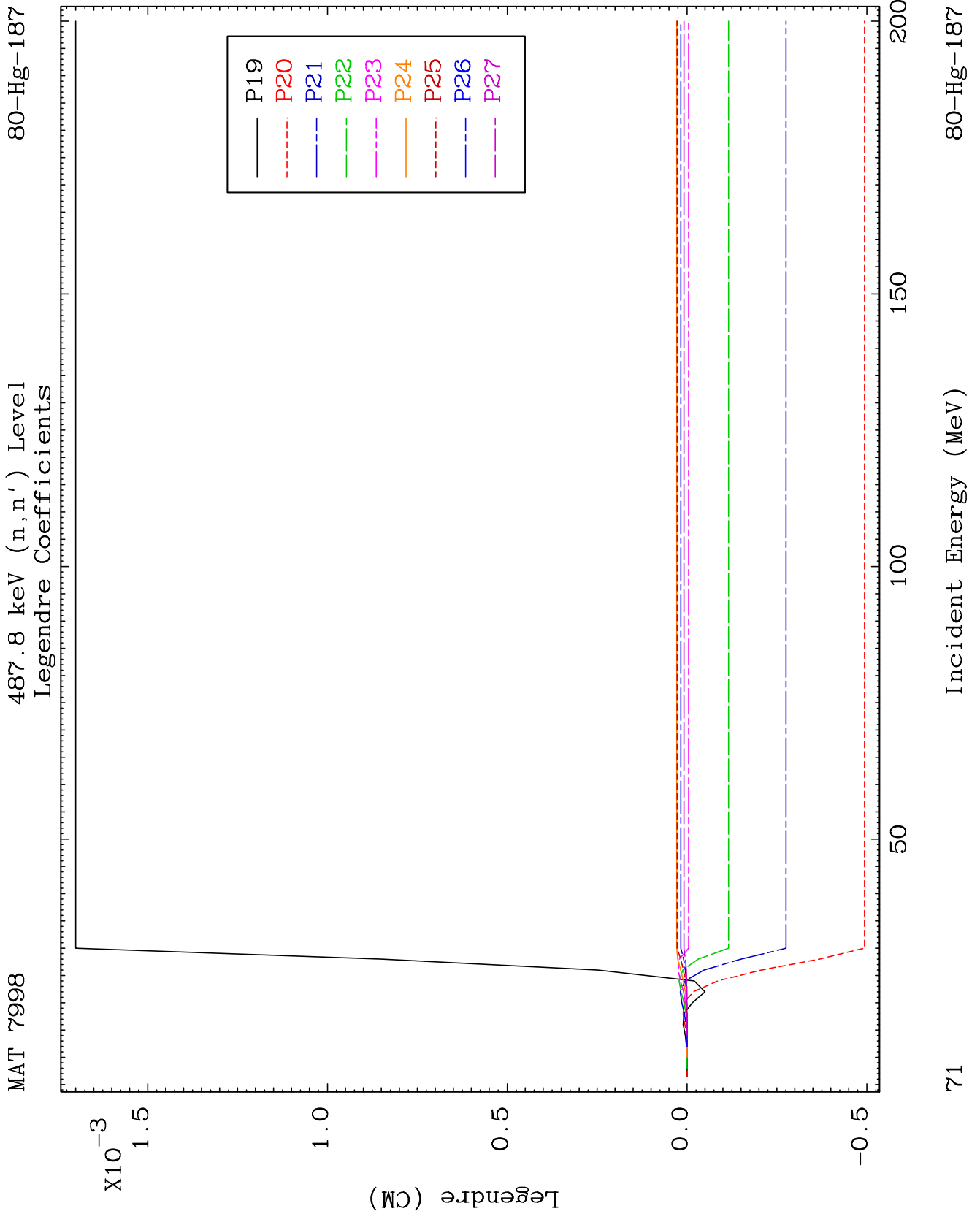
Incident Energy (MeV)

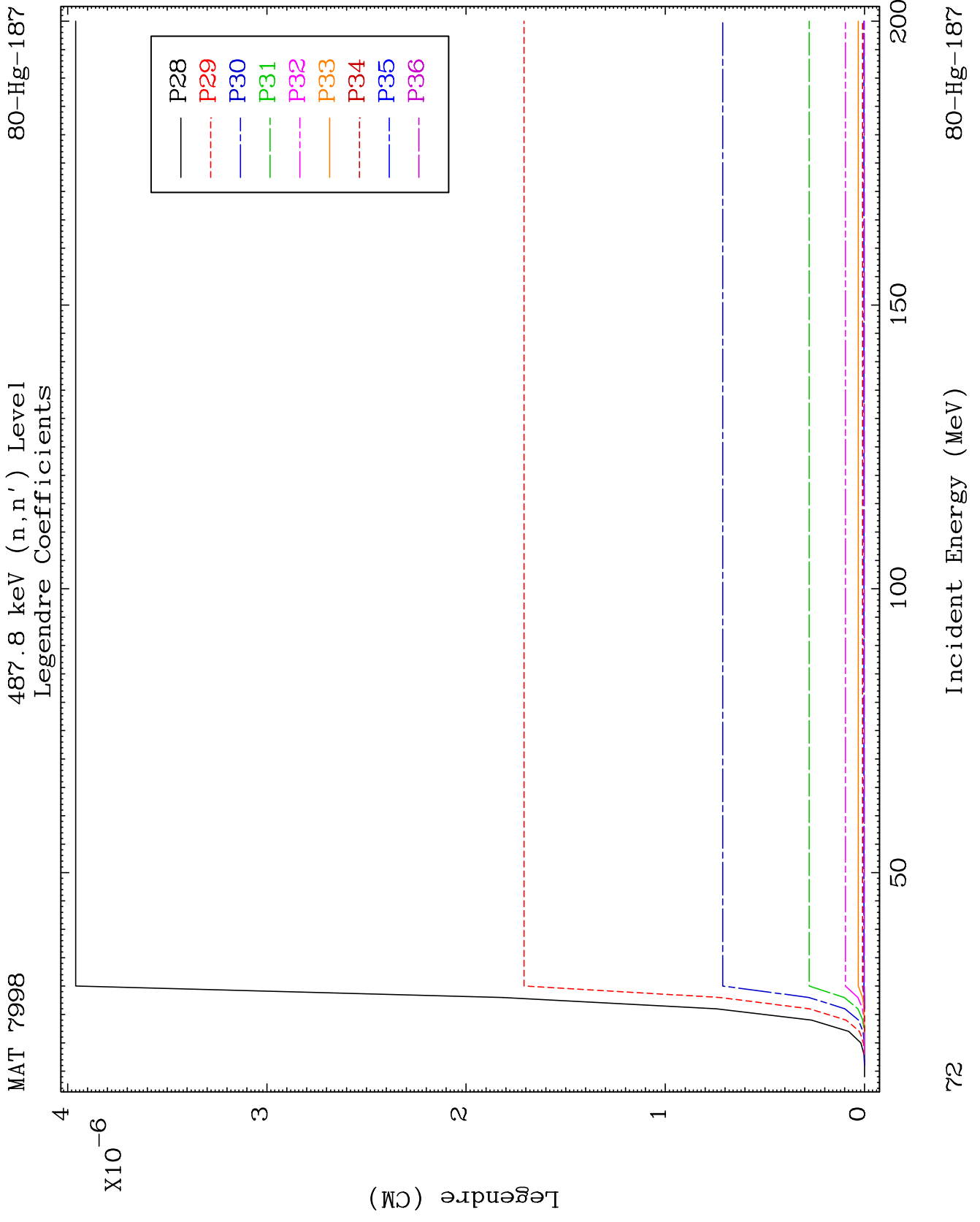
80-Hg-187







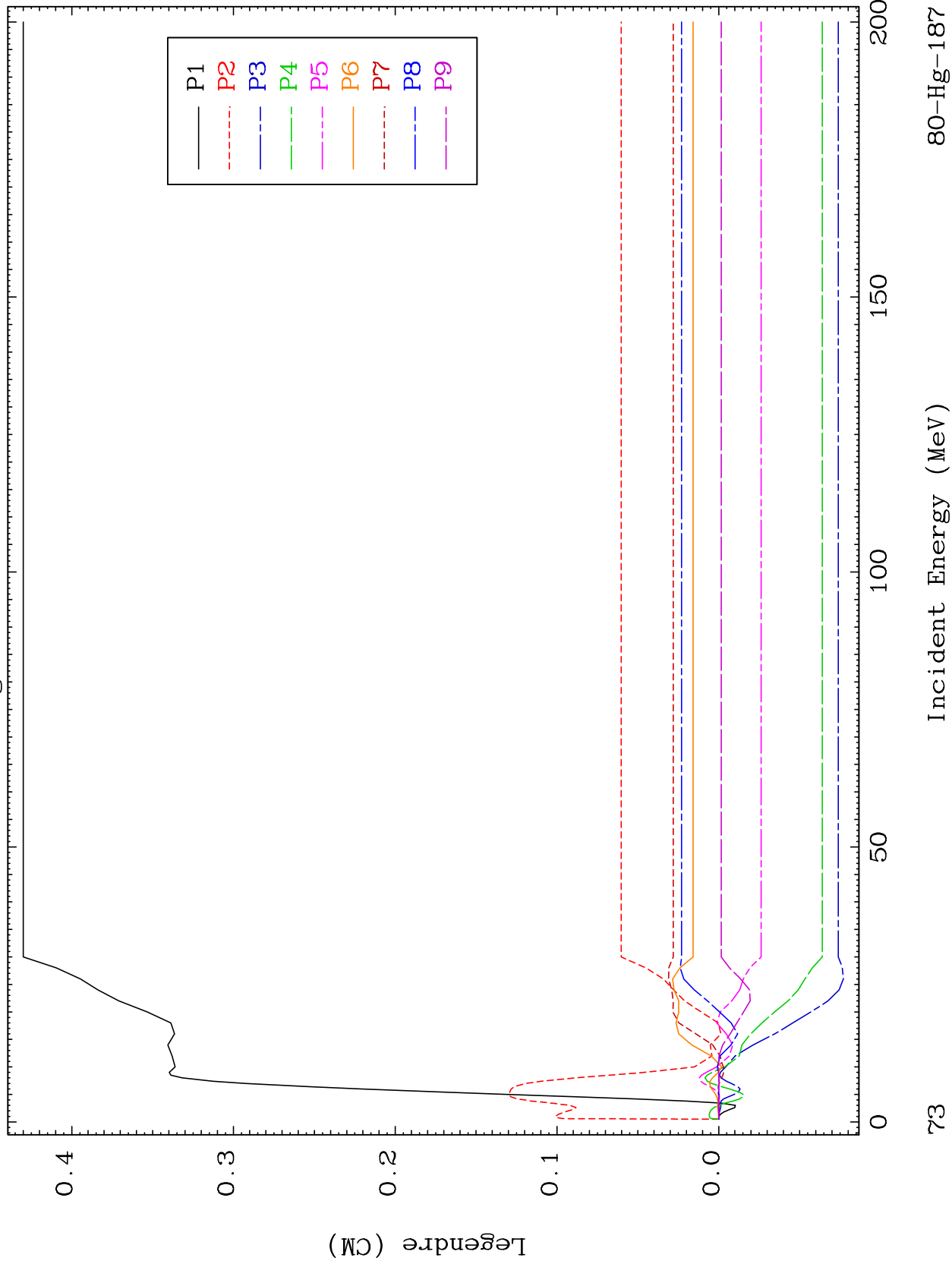




MAT 7998

491.1 keV (n,n') Level
Legendre Coefficients

80-Hg-187



73

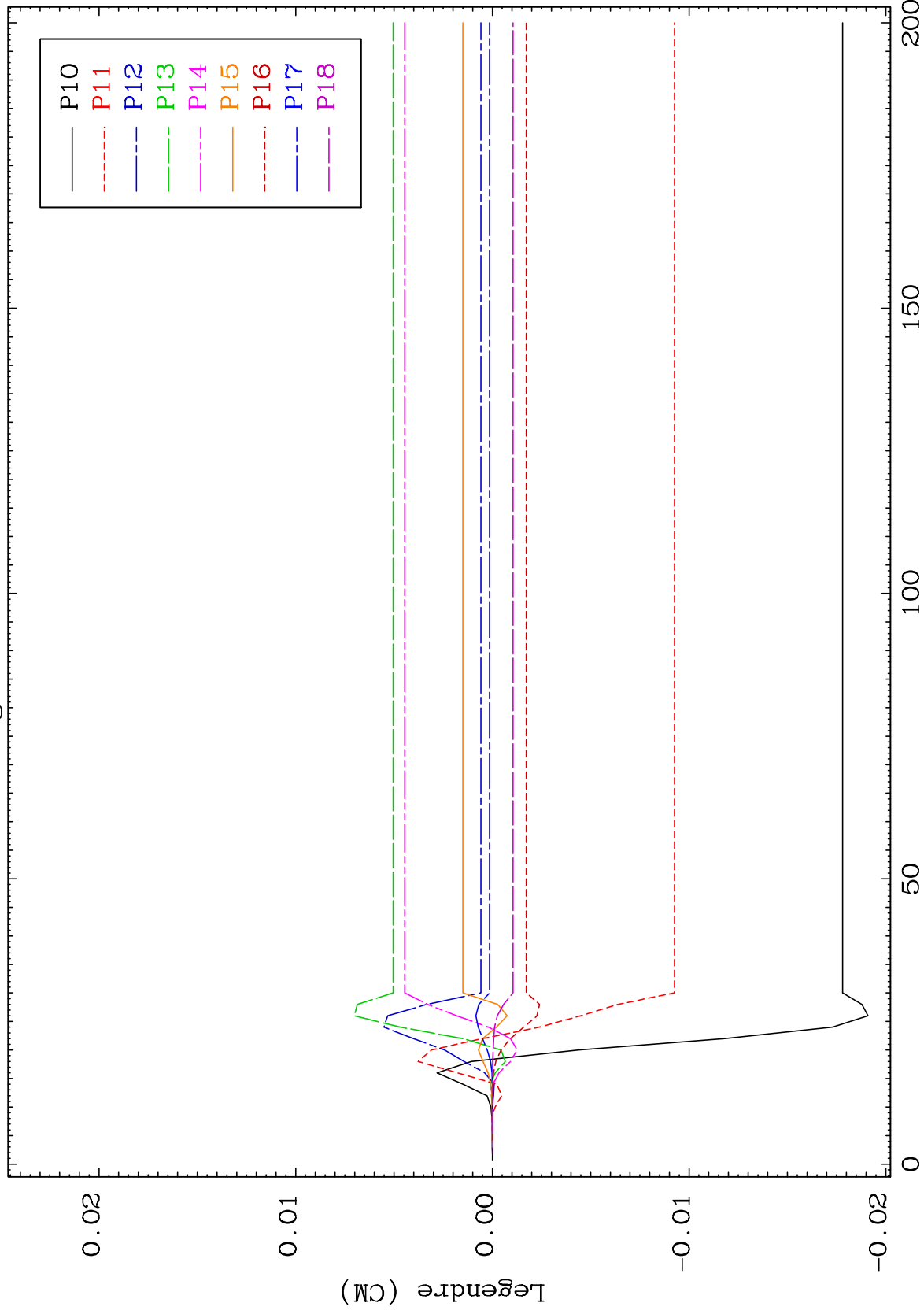
Incident Energy (MeV)

80-Hg-187

MAT 7998

491.1 keV (n,n') Level
Legendre Coefficients

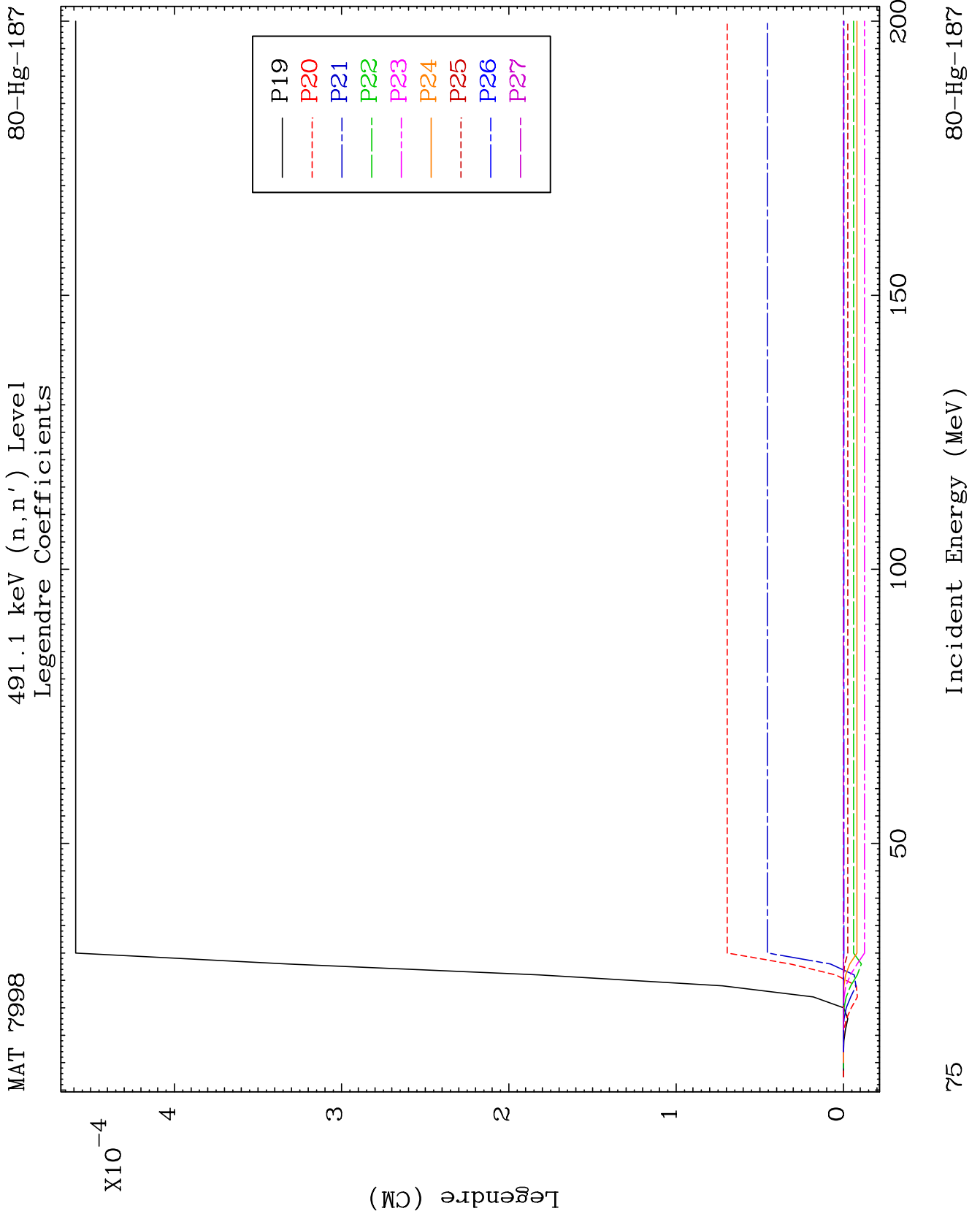
80-Hg-187



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Incident Energy (MeV)

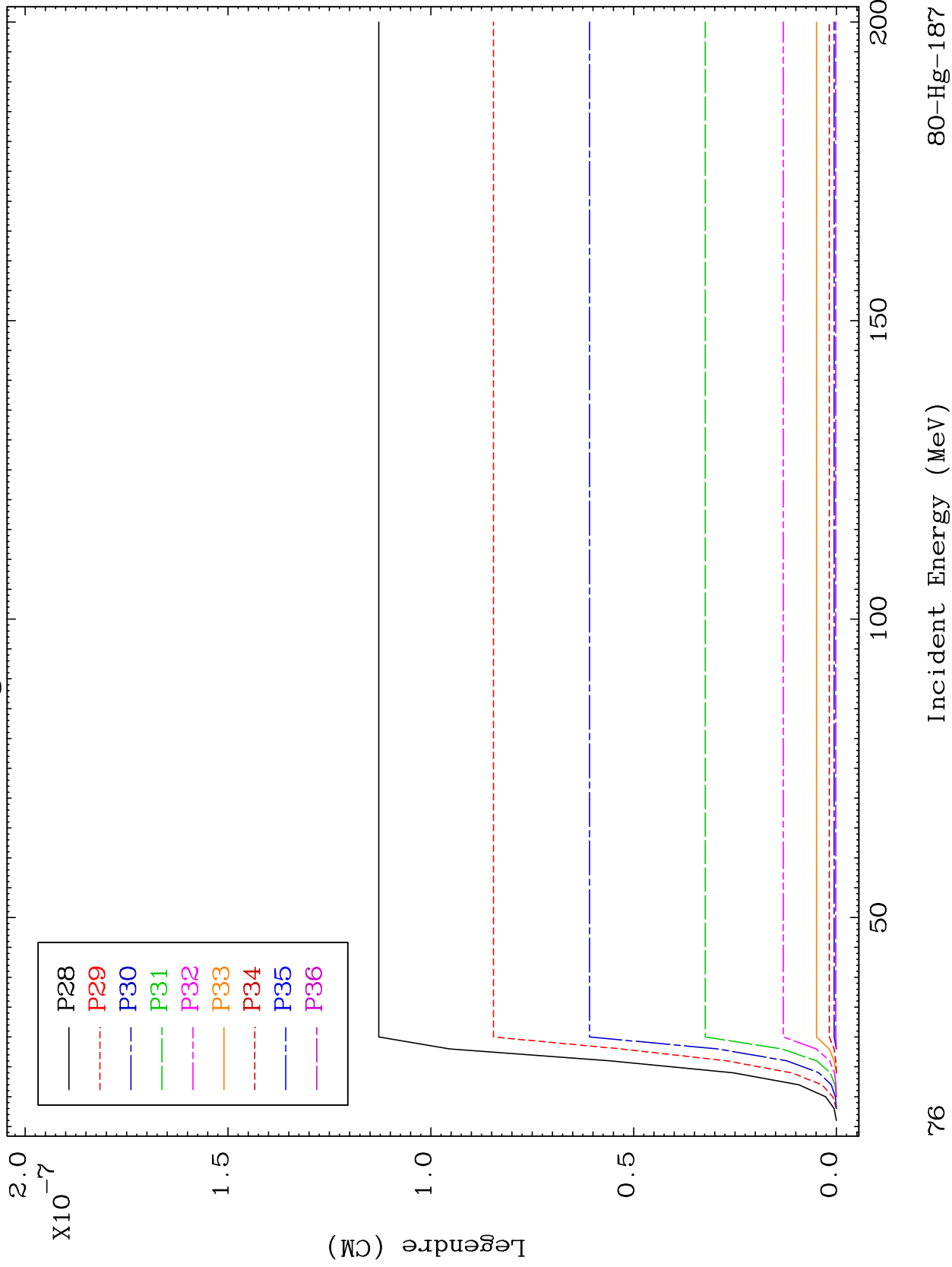
80-Hg-187



MAT 7998

491.1 keV (n,n') Level
Legendre Coefficients

80-Hg-187



76

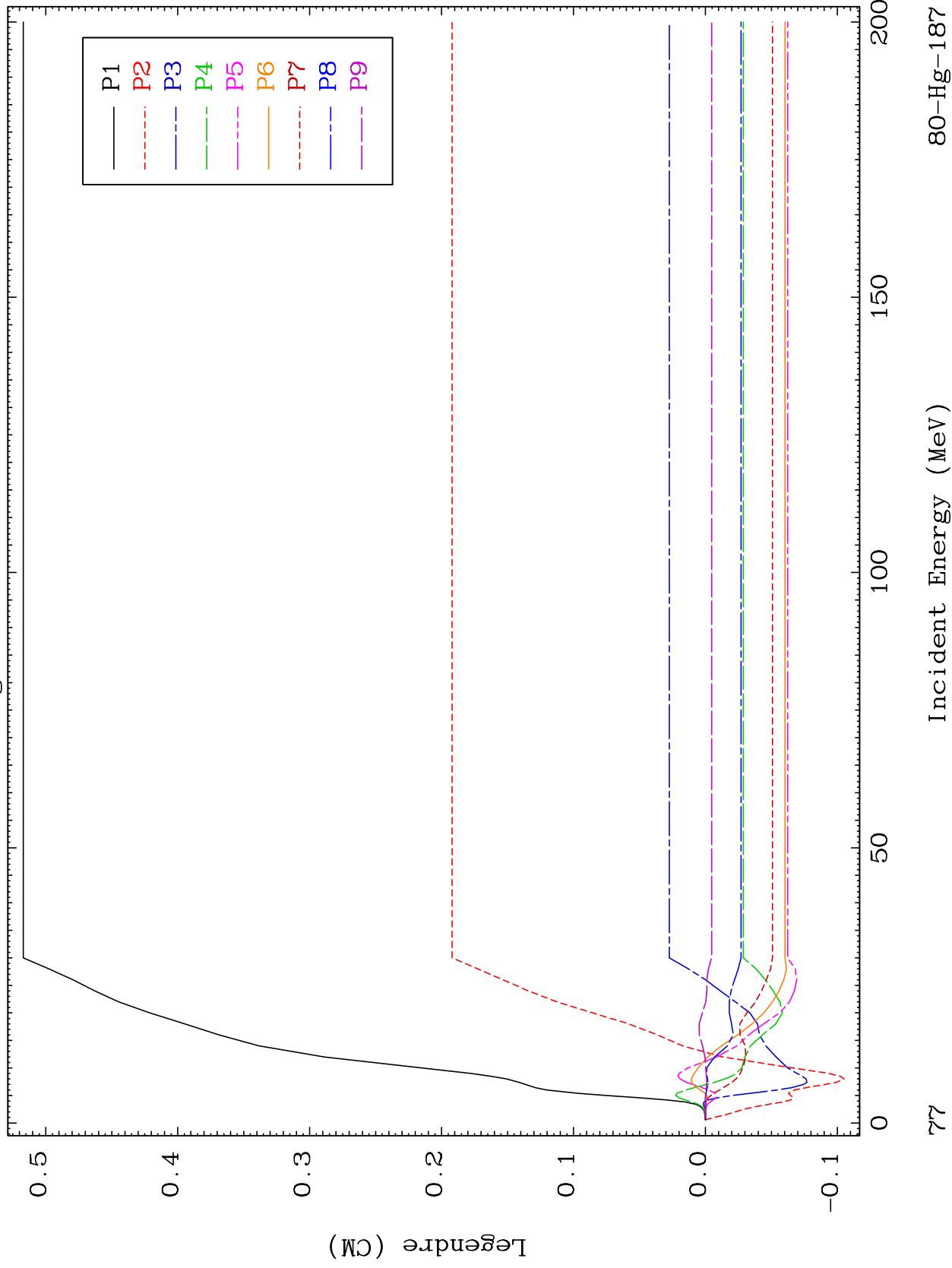
Incident Energy (MeV)

80-Hg-187

MAT 7998

522.7 keV (n,n') Level
Legendre Coefficients

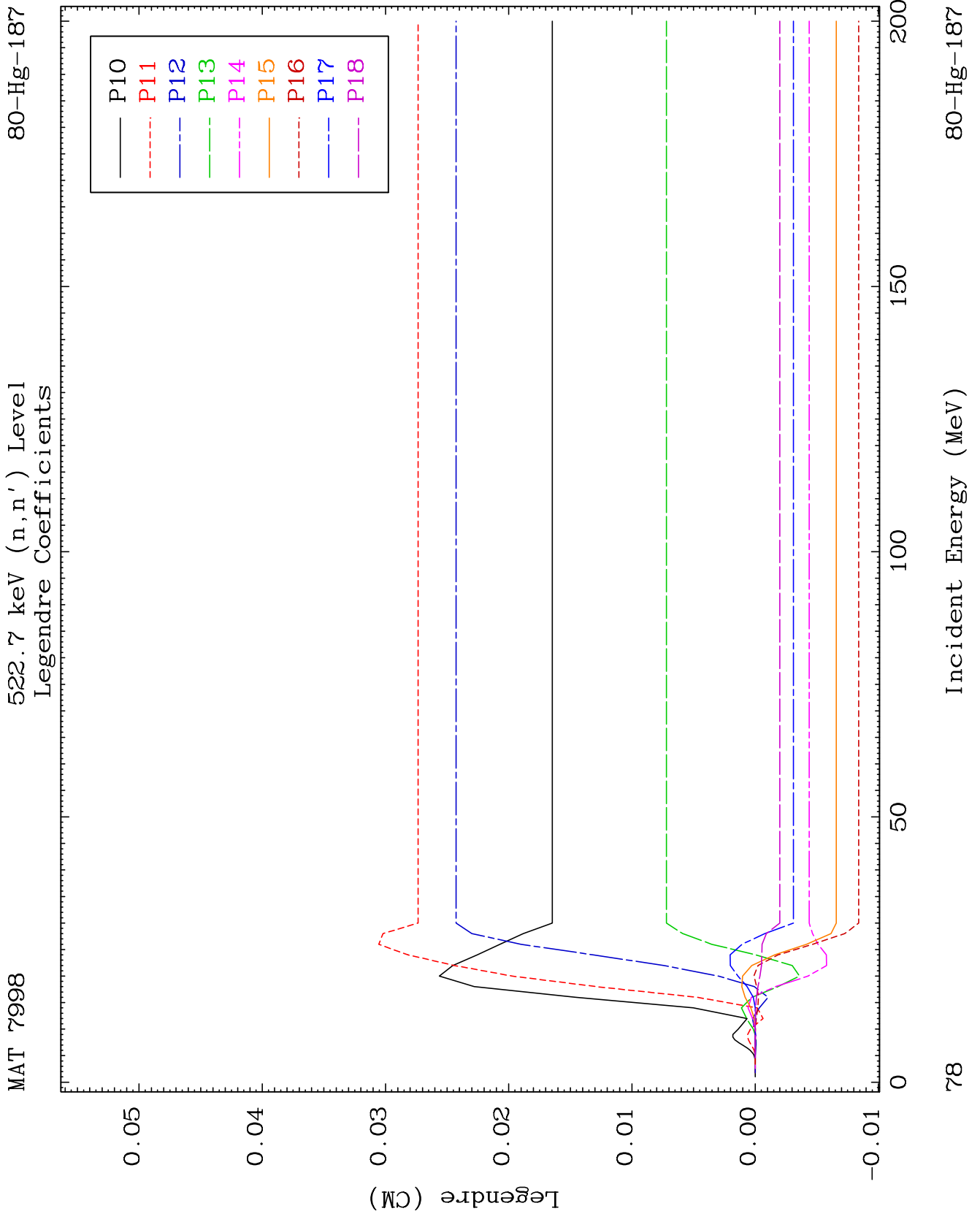
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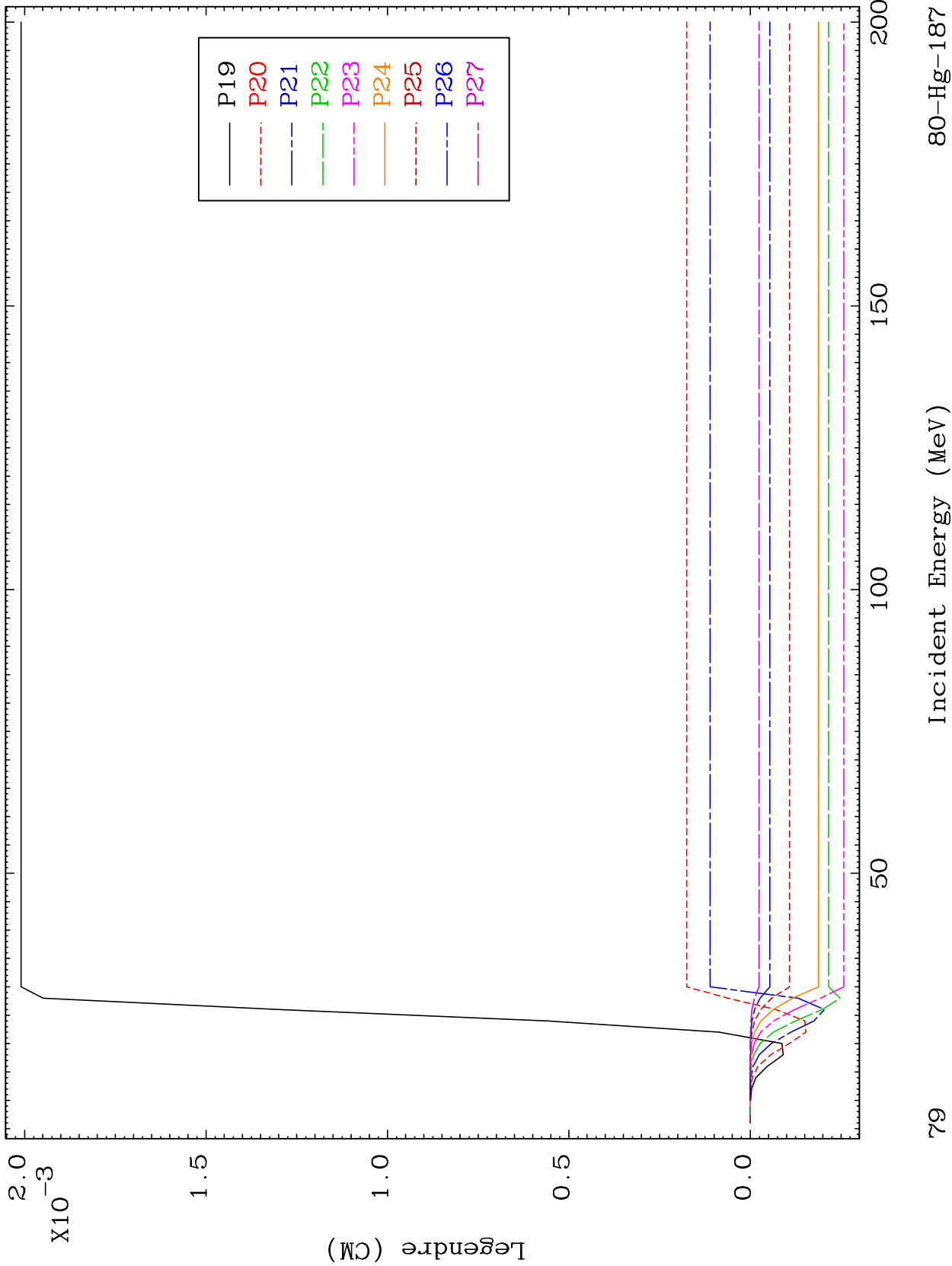


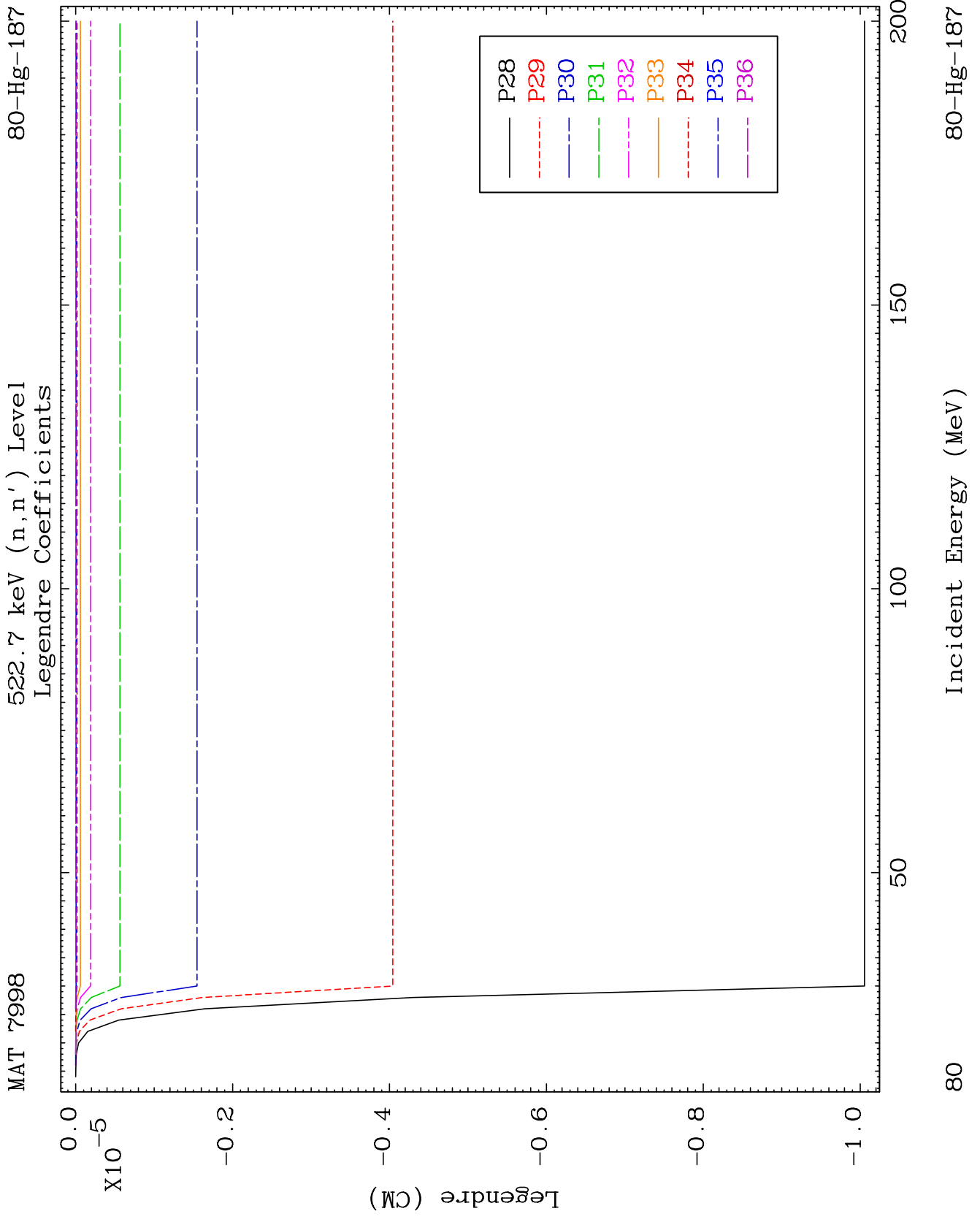
80-Hg-187

Incident Energy (MeV)

77



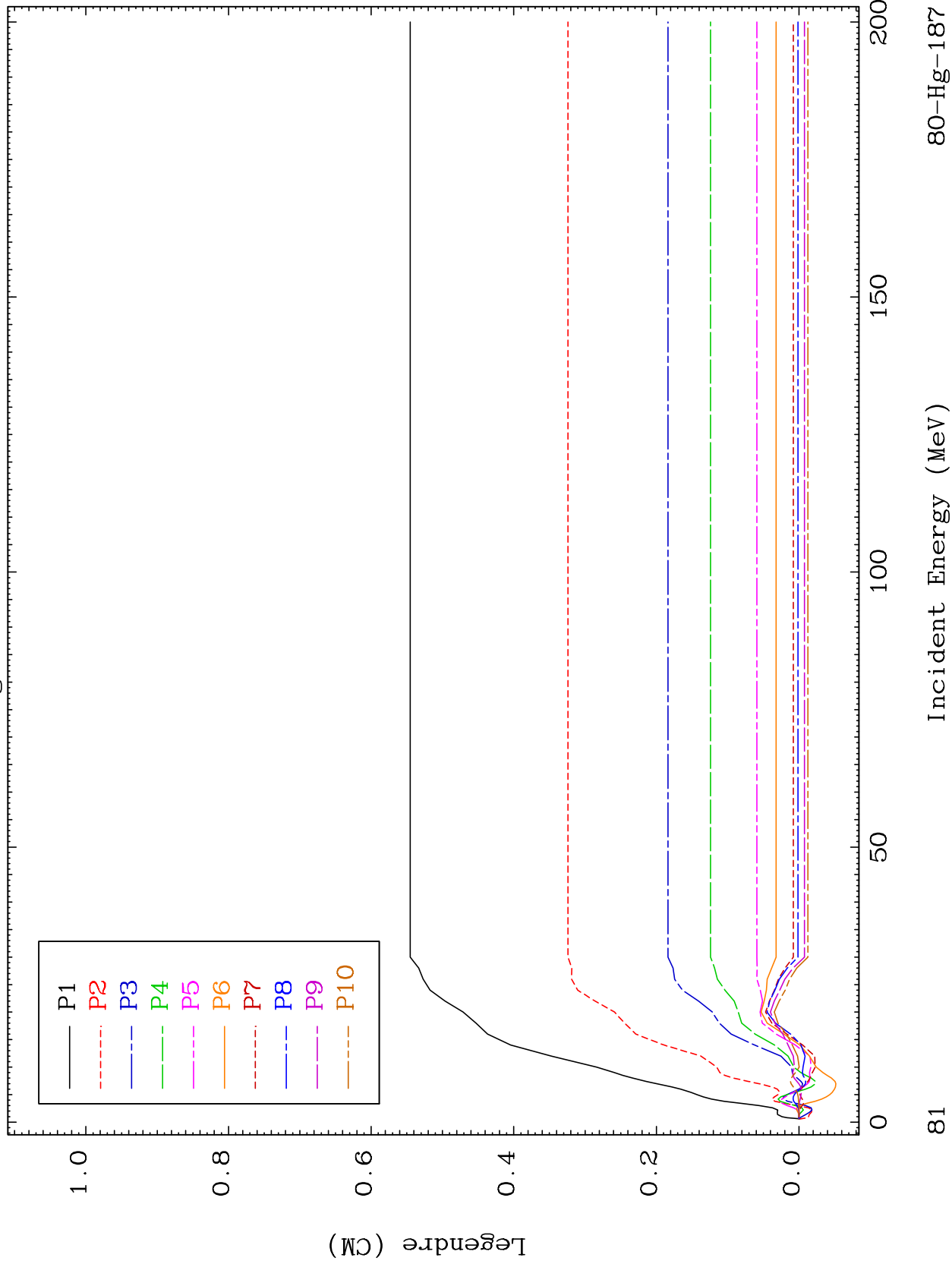


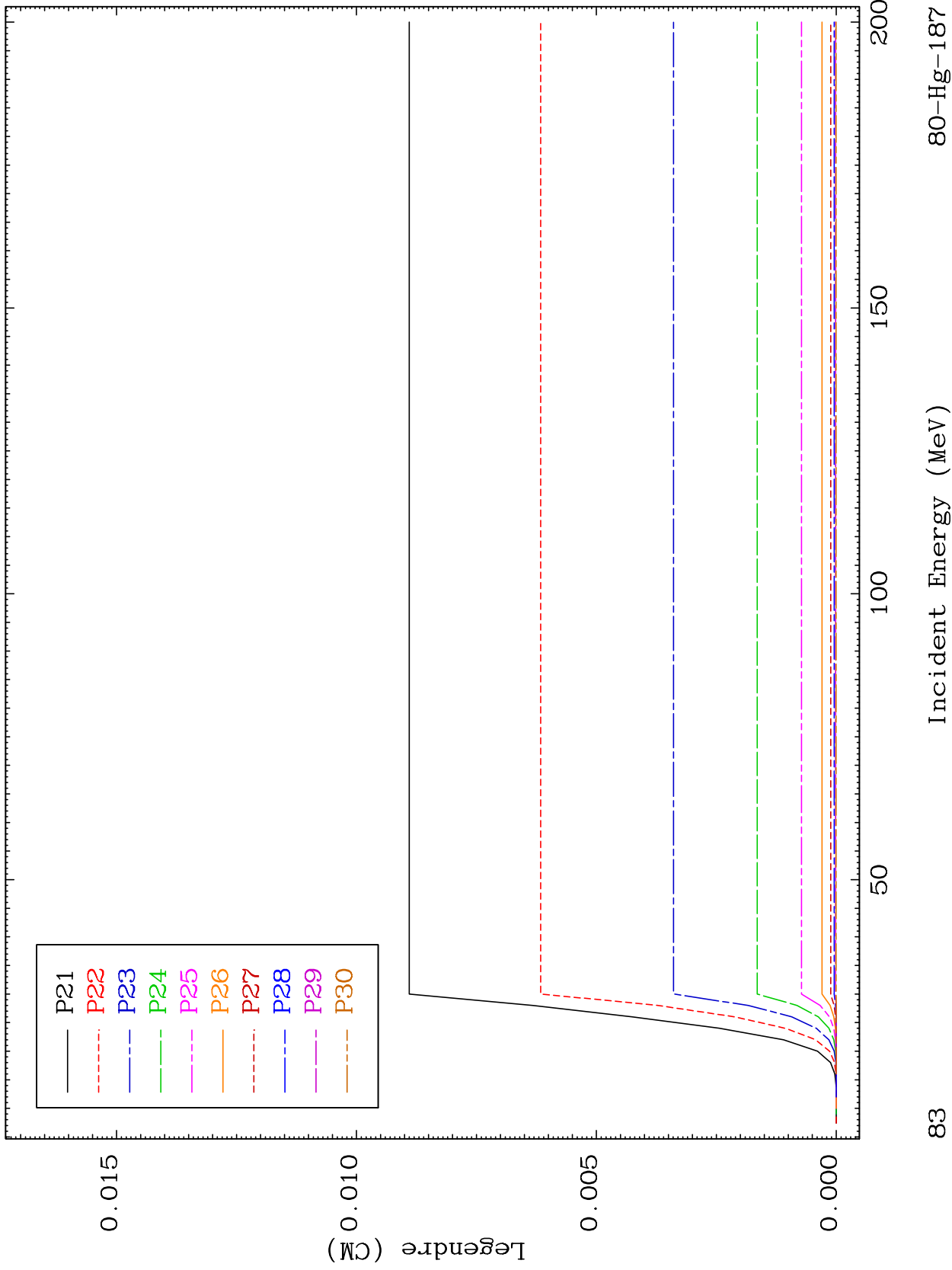


MAT 7998

527.4 keV (n,n') Level
Legendre Coefficients

80-Hg-187

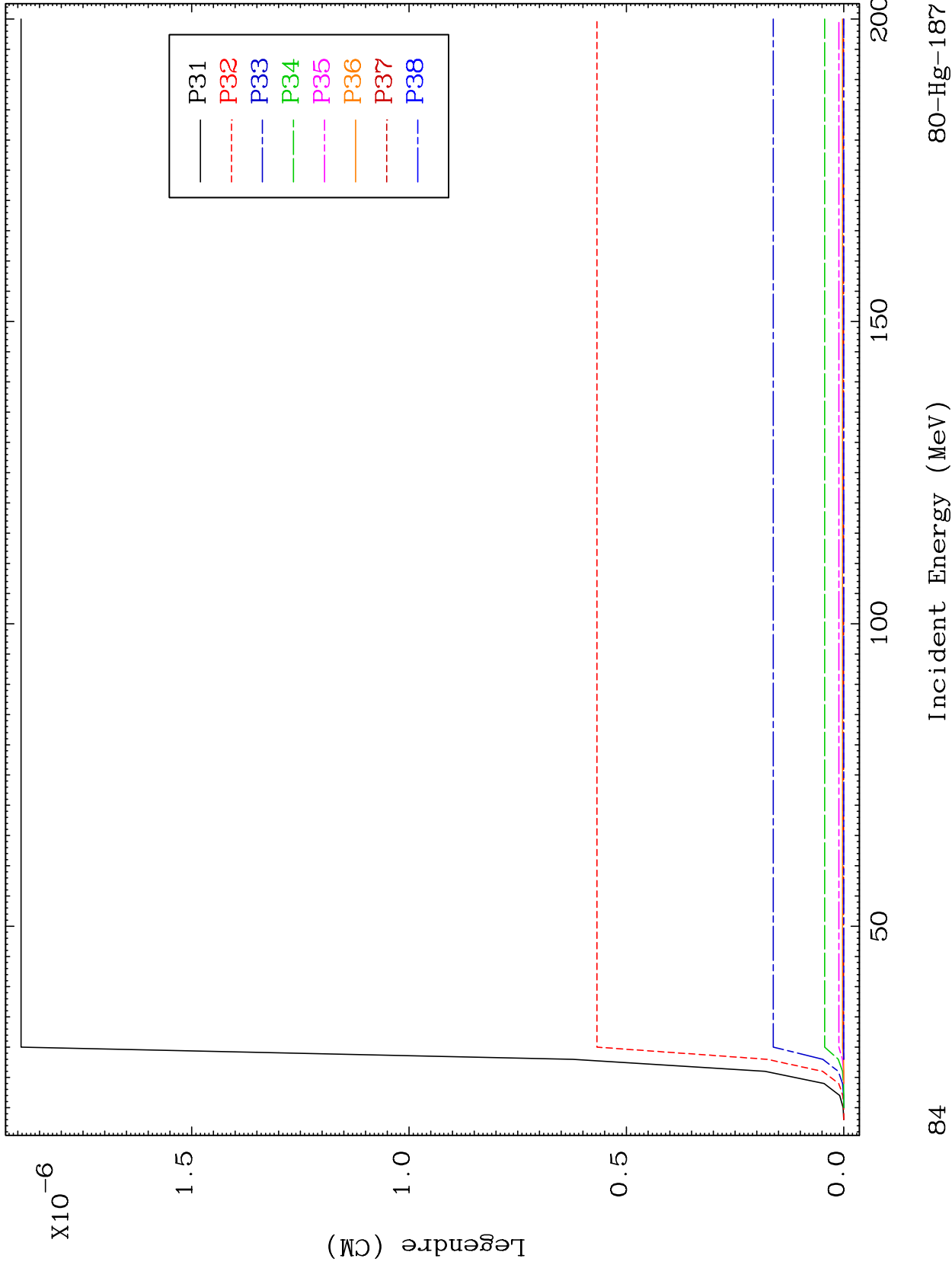




MAT 7998

527.4 keV (n,n') Level
Legendre Coefficients

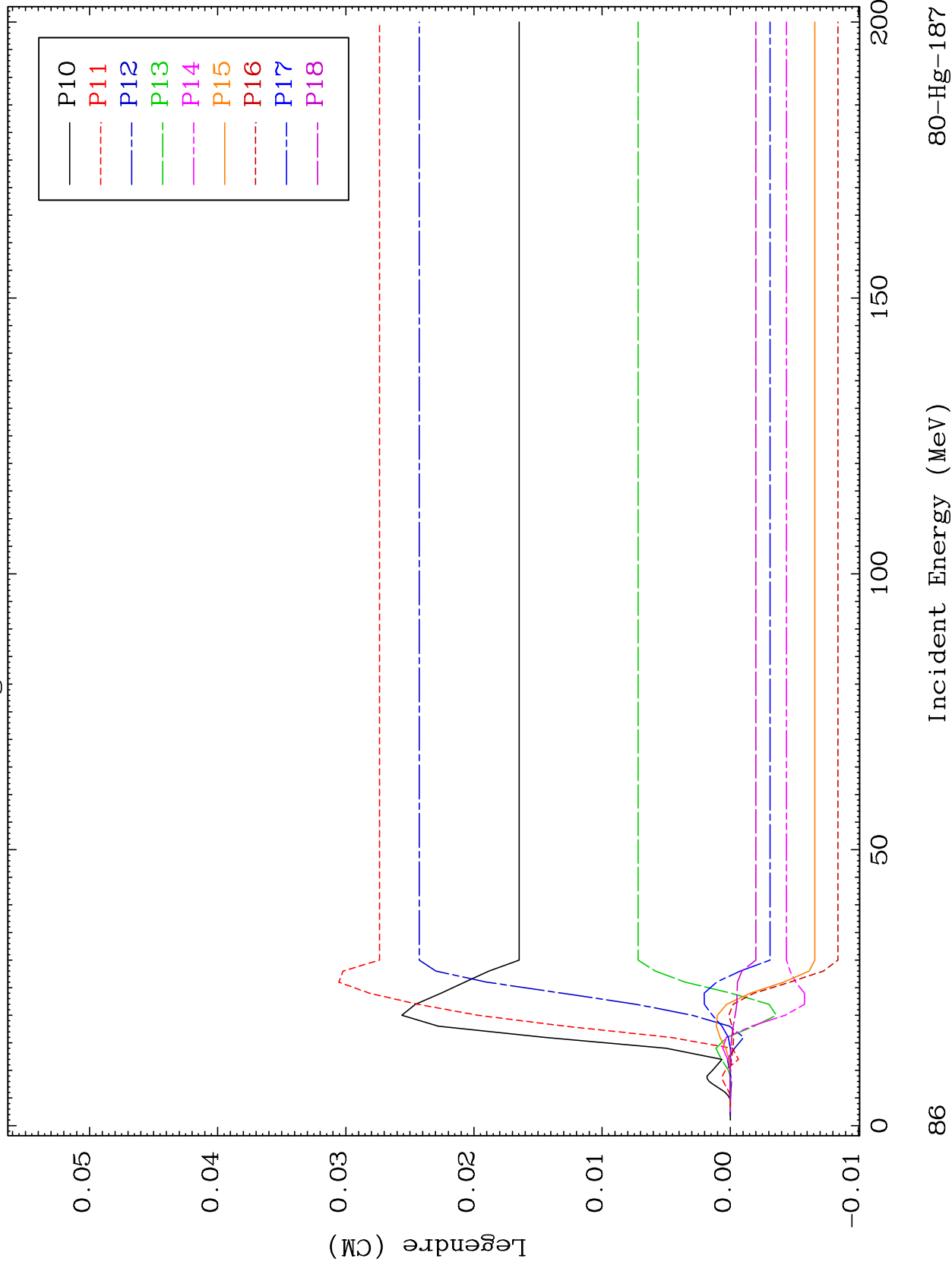
80-Hg-187



MAT 7998

537.2 keV (n,n') Level
Legendre Coefficients

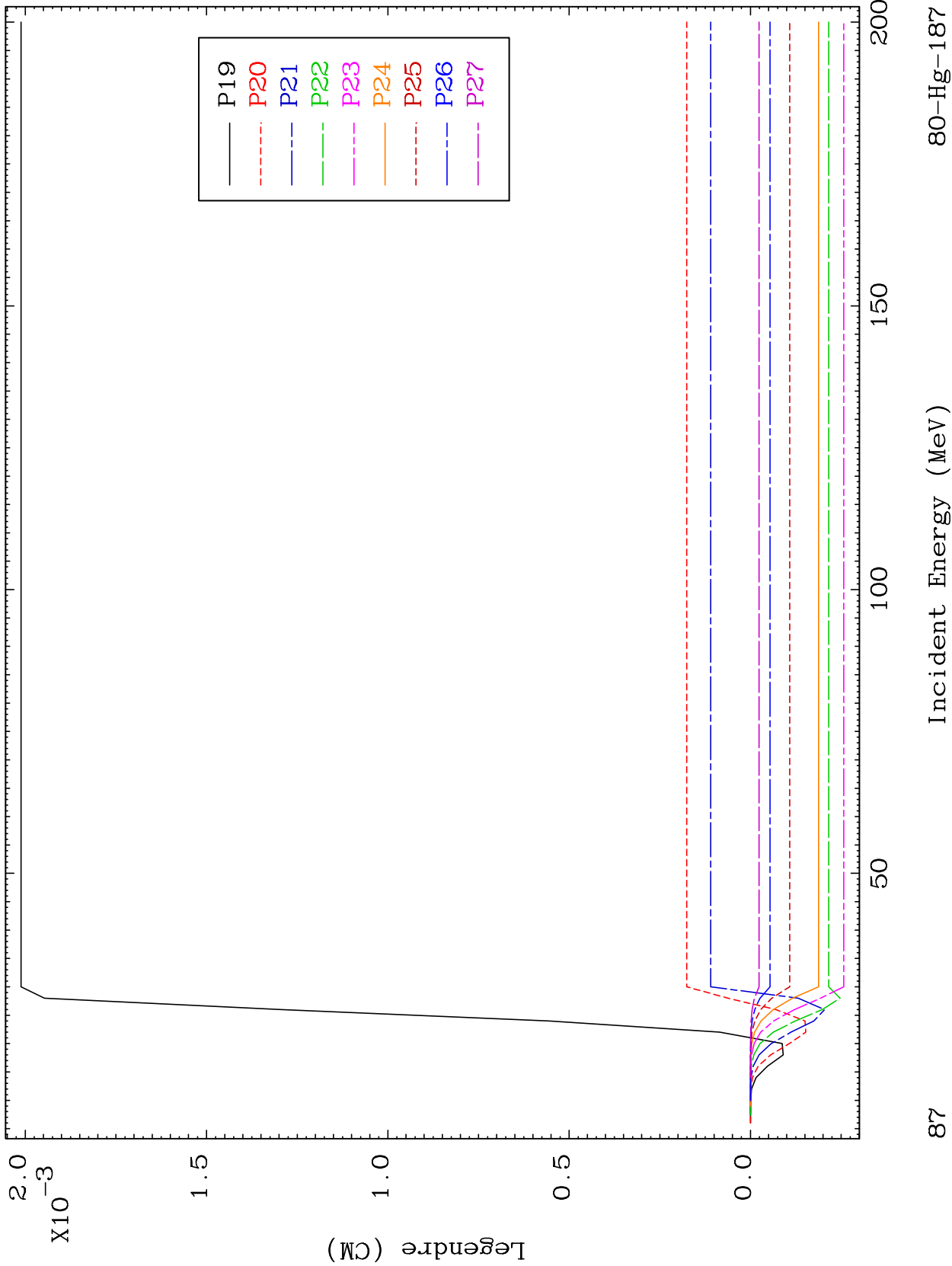
80-Hg-187

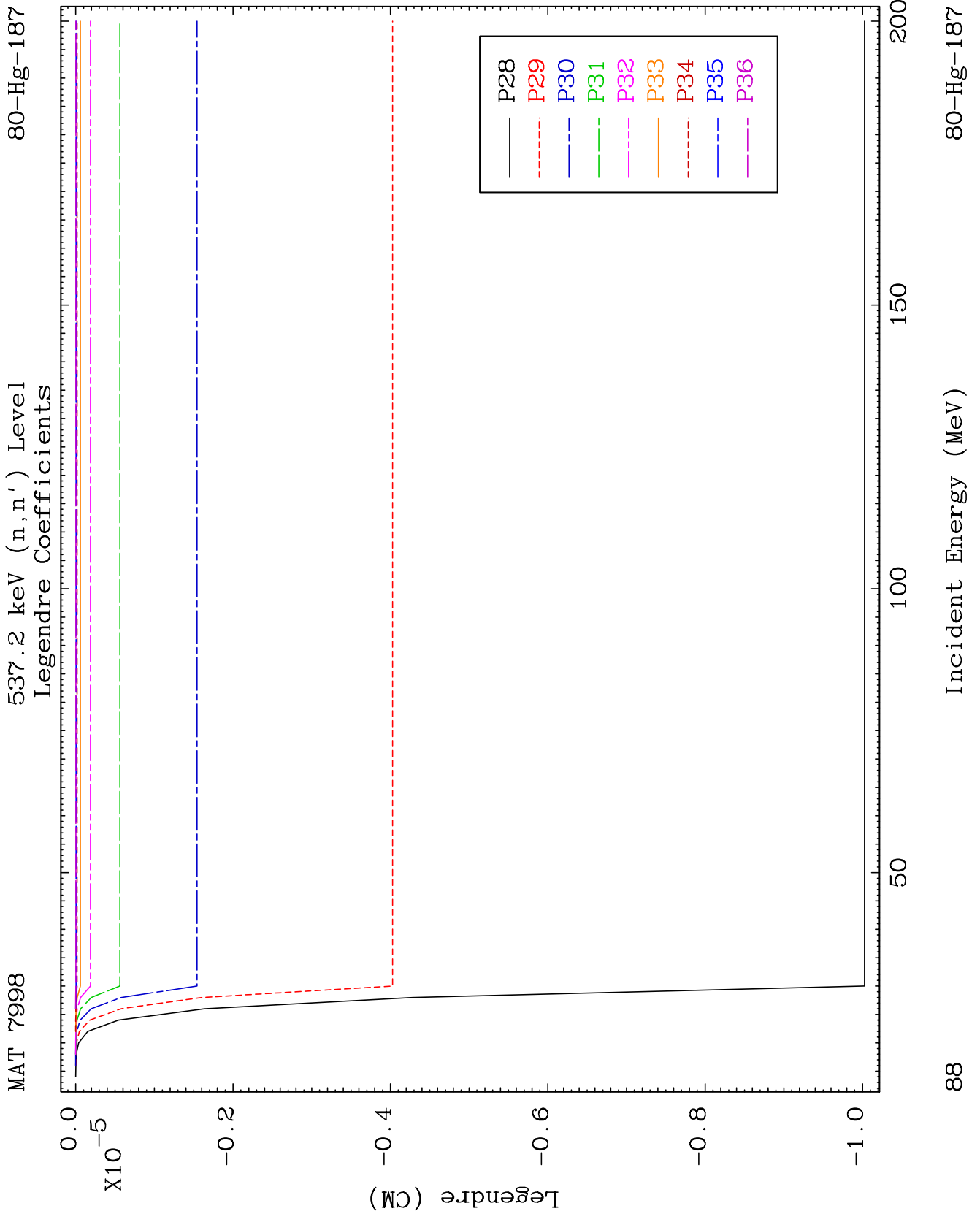


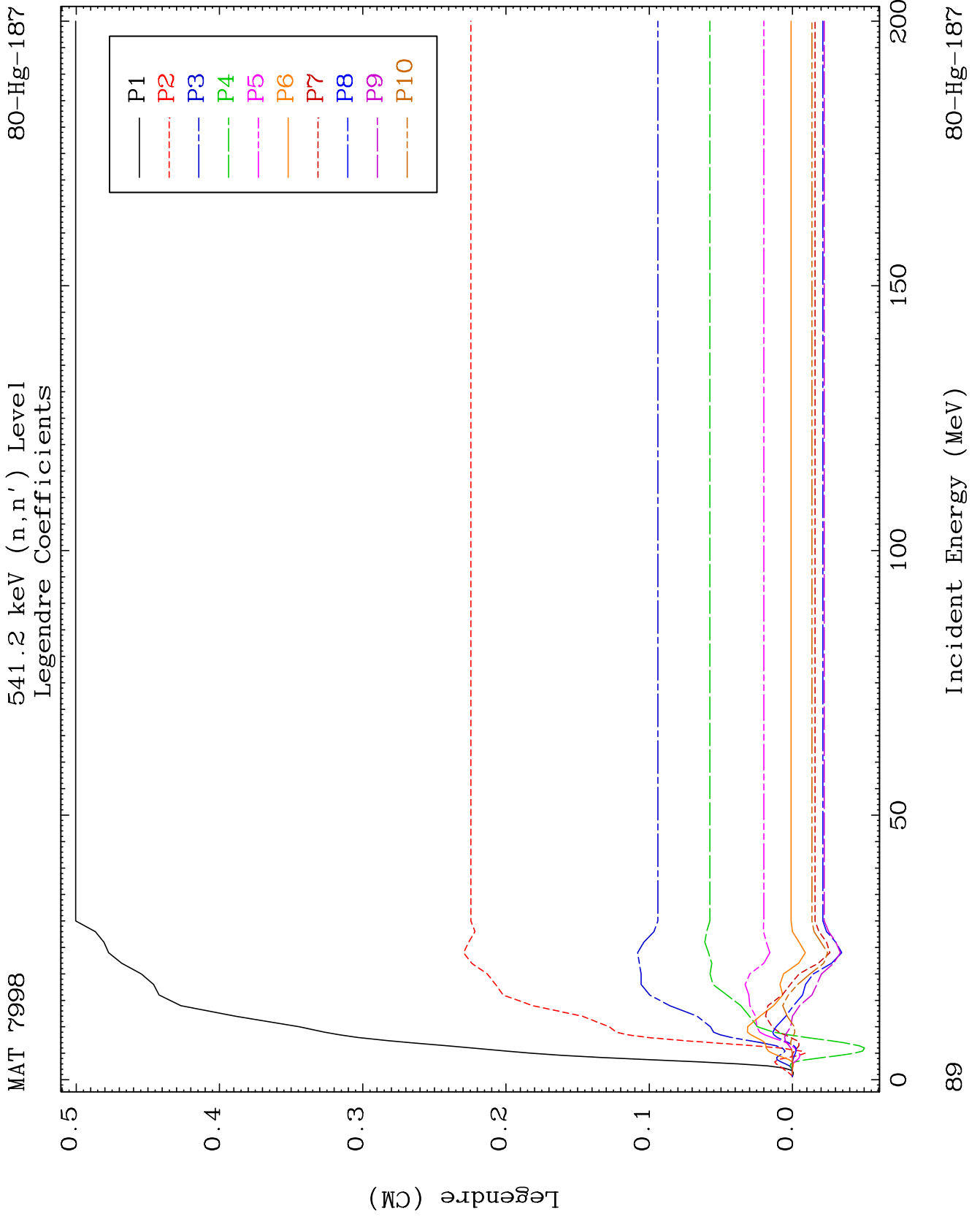
86

Incident Energy (MeV)

80-Hg-187



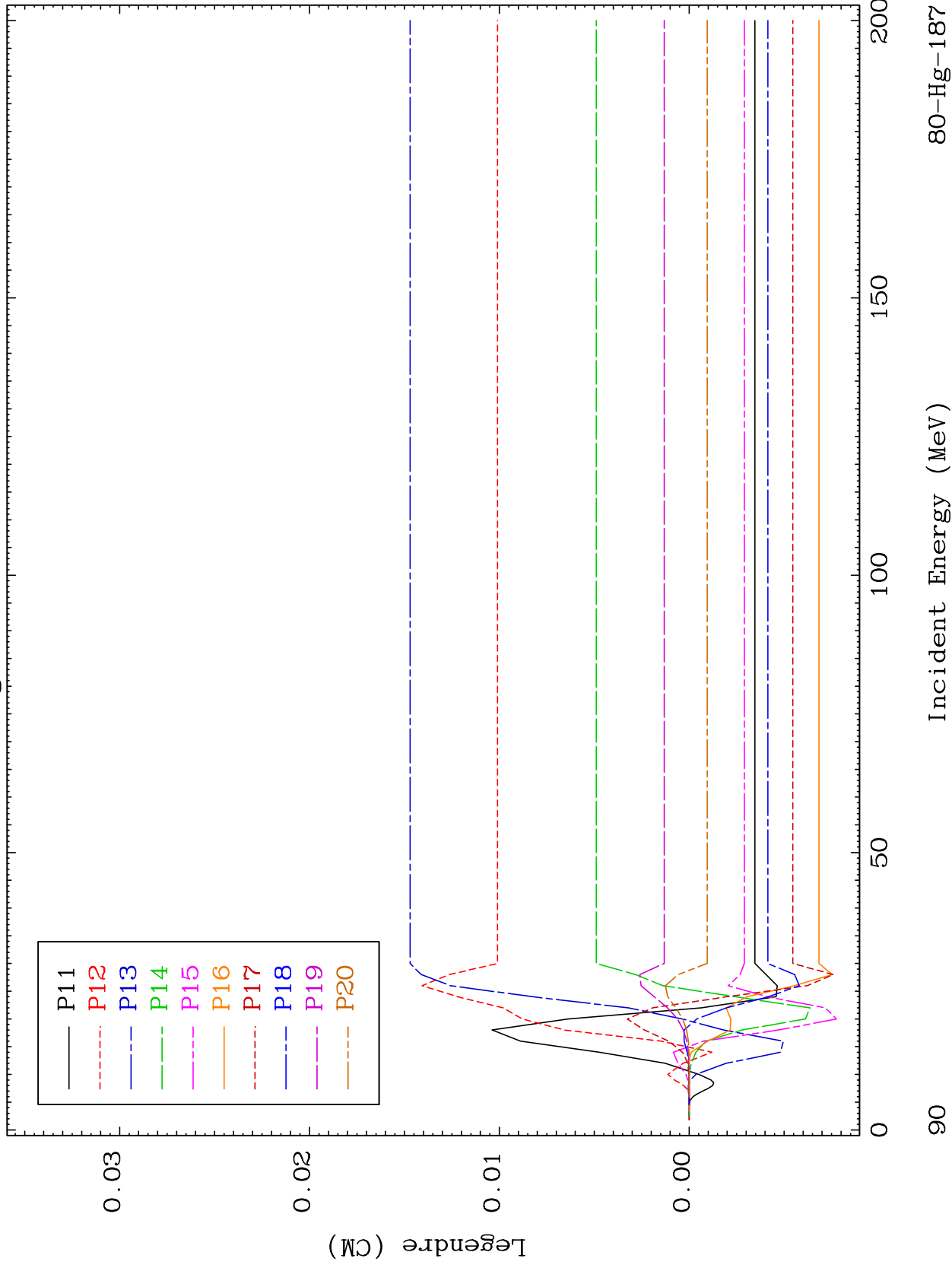




MAT 7998

541.2 keV (n,n') Level
Legendre Coefficients

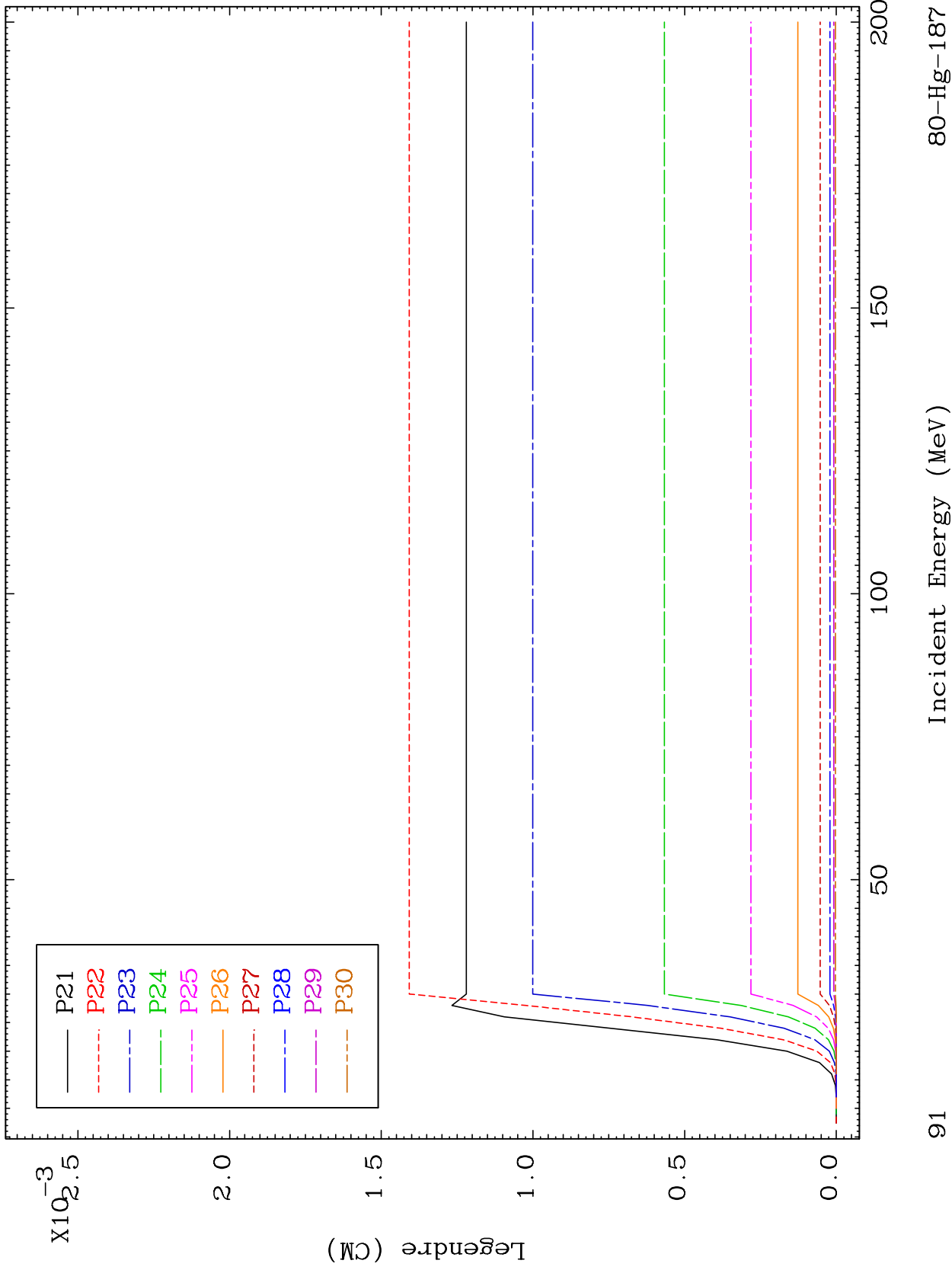
80-Hg-187

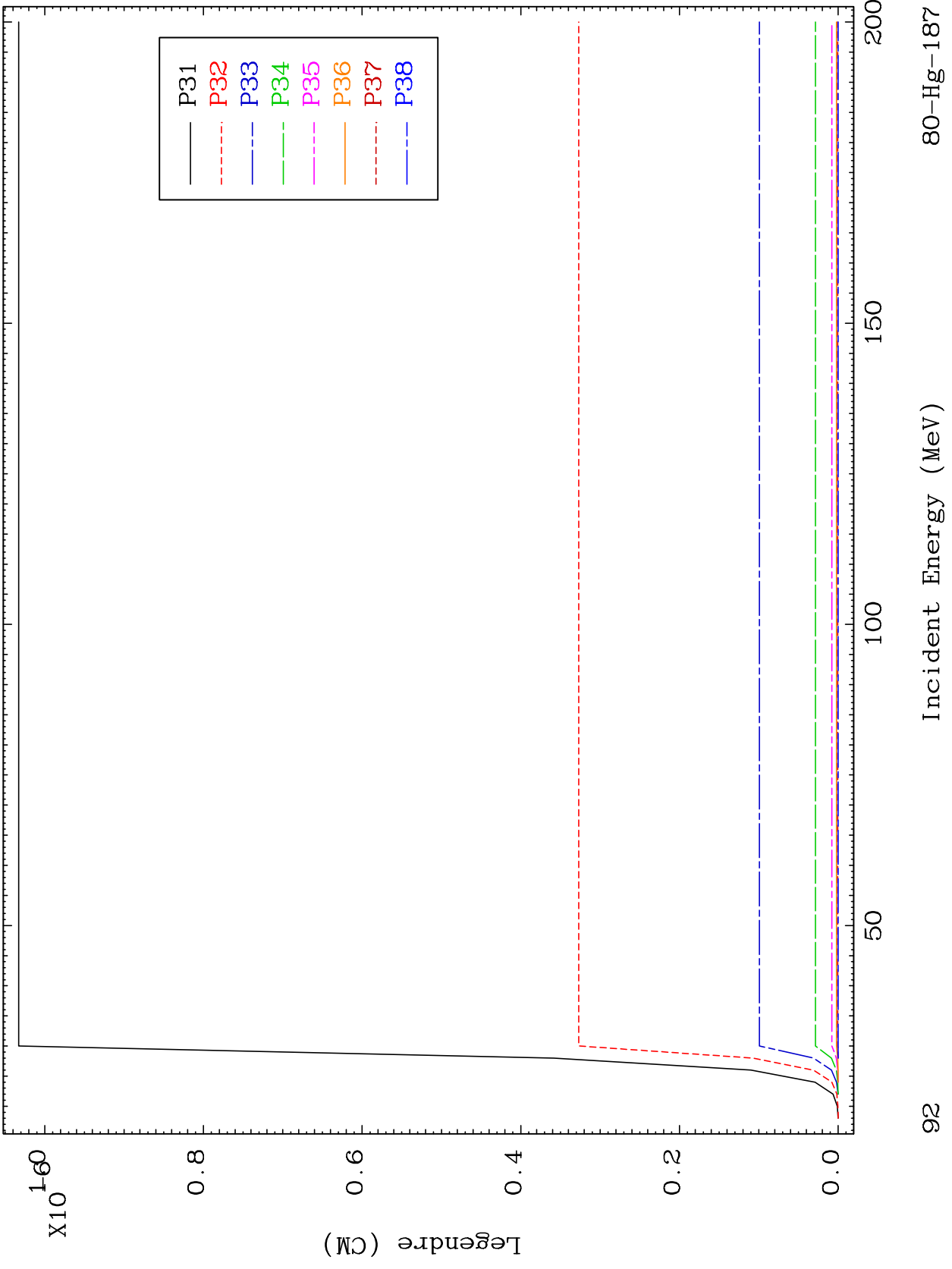


80-Hg-187

Incident Energy (MeV)

90

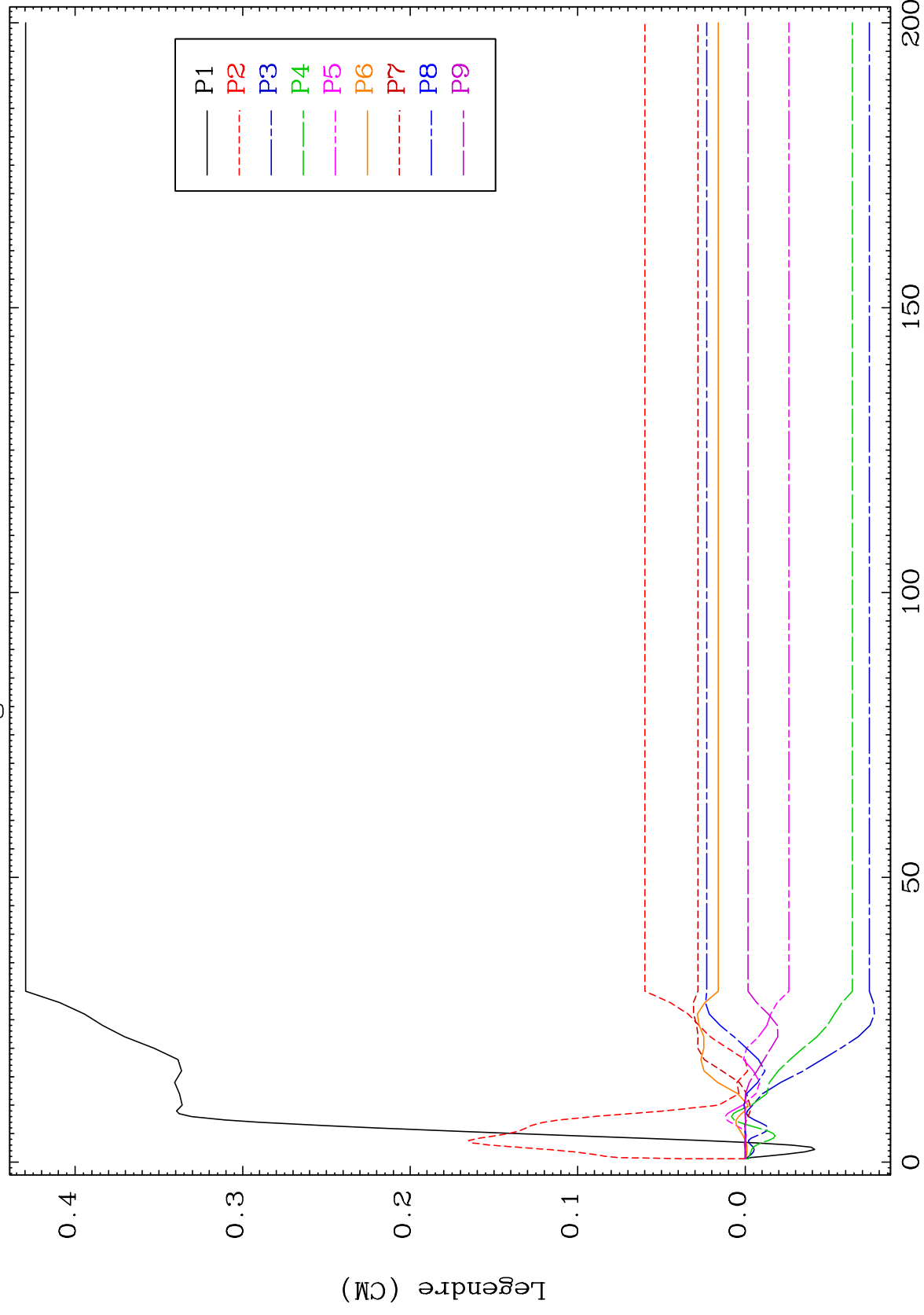




MAT 7998

576.2 keV (n,n') Level
Legendre Coefficients

80-Hg-187



93

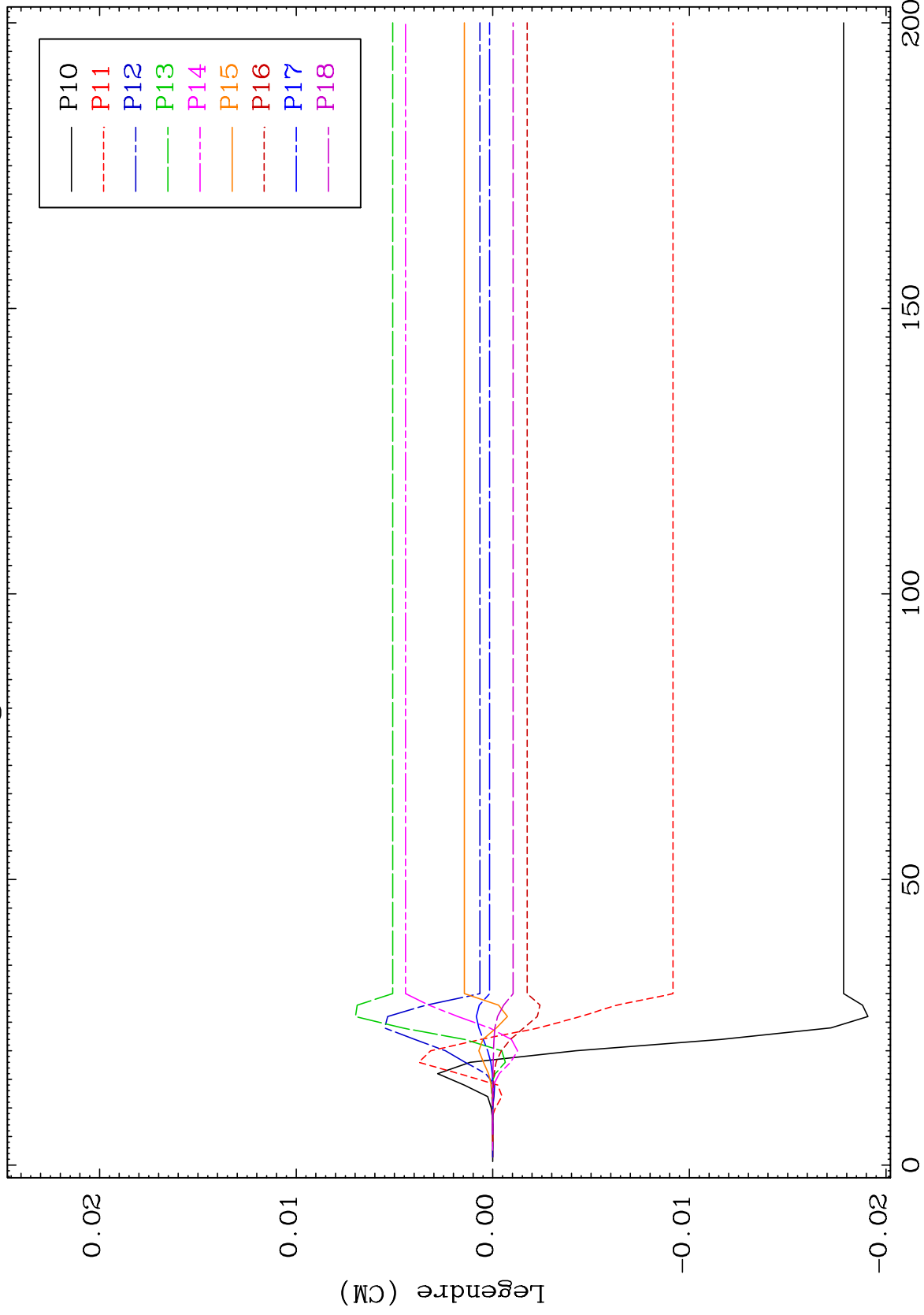
Incident Energy (MeV)

80-Hg-187

MAT 7998

576.2 keV (n,n') Level
Legendre Coefficients

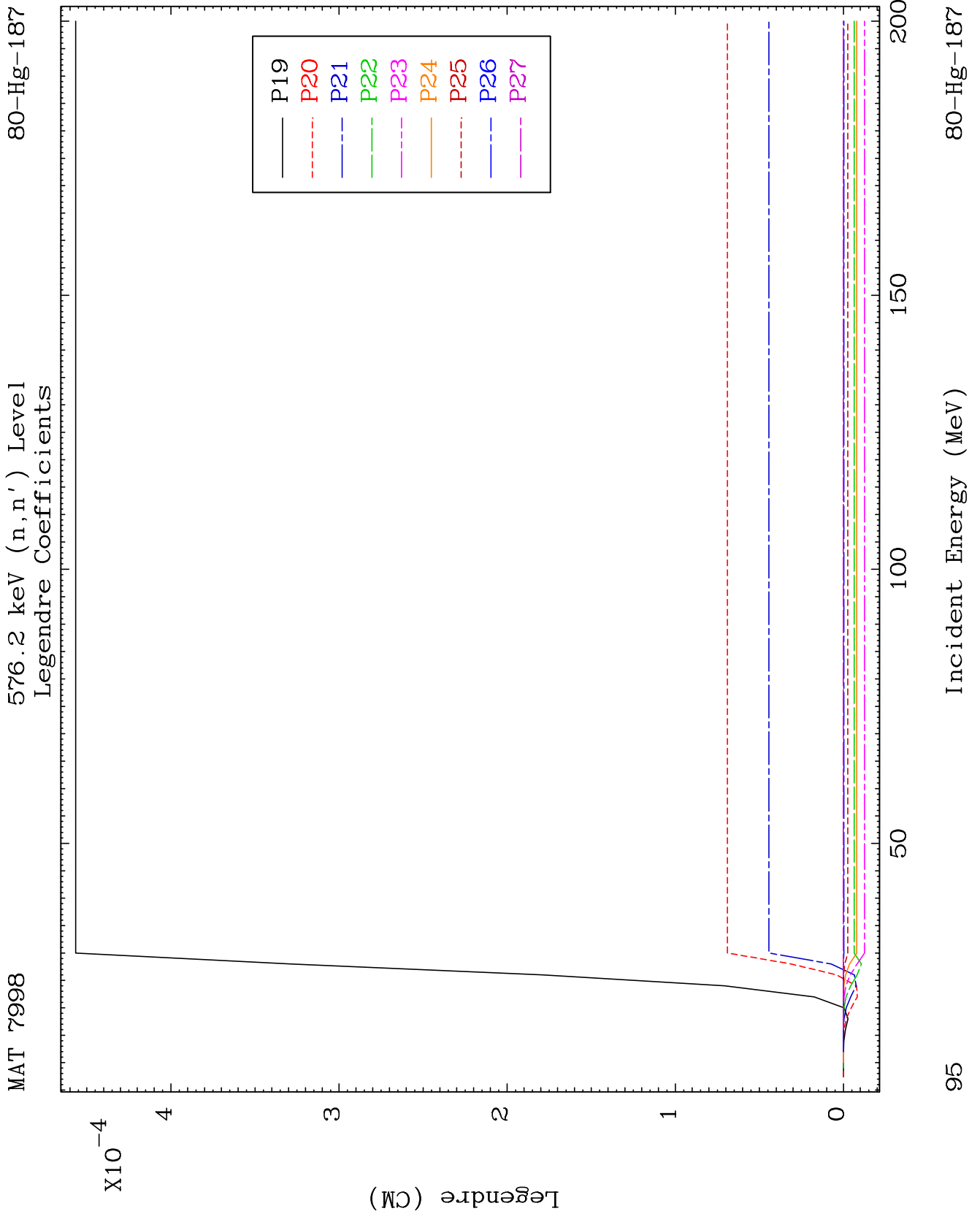
80-Hg-187



94

Incident Energy (MeV)

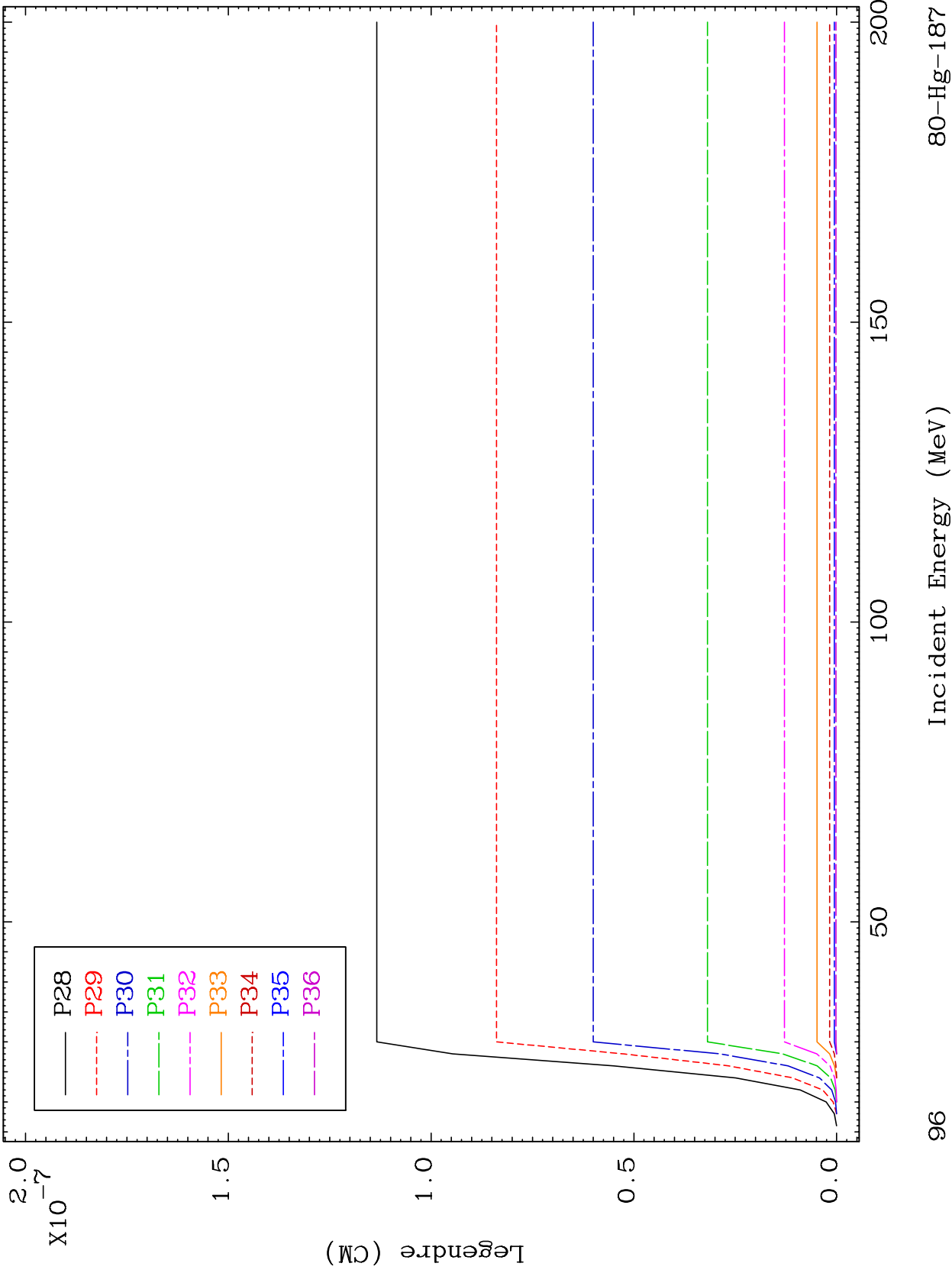
80-Hg-187



MAT 7998

576.2 keV (n,n') Level
Legendre Coefficients

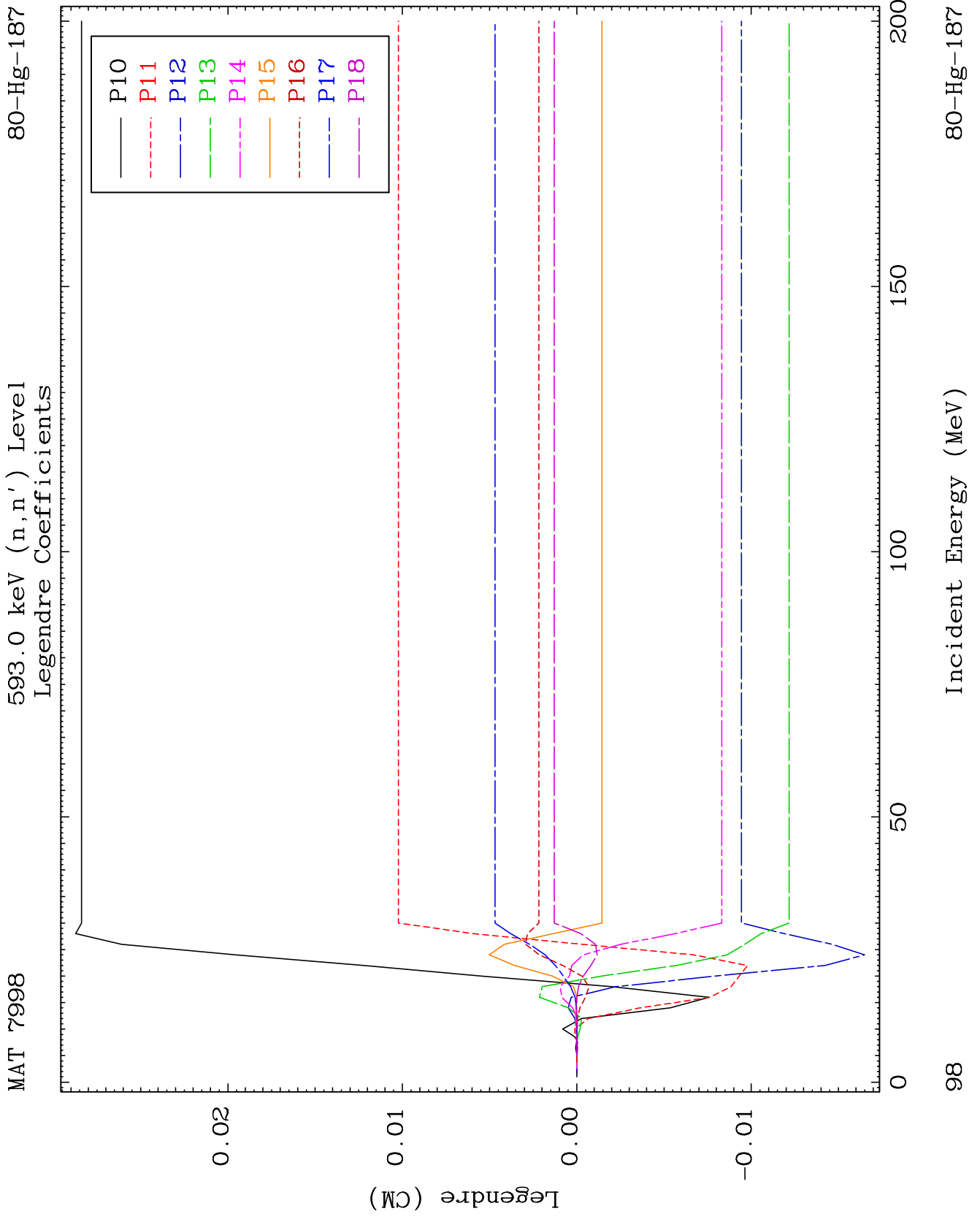
80-Hg-187

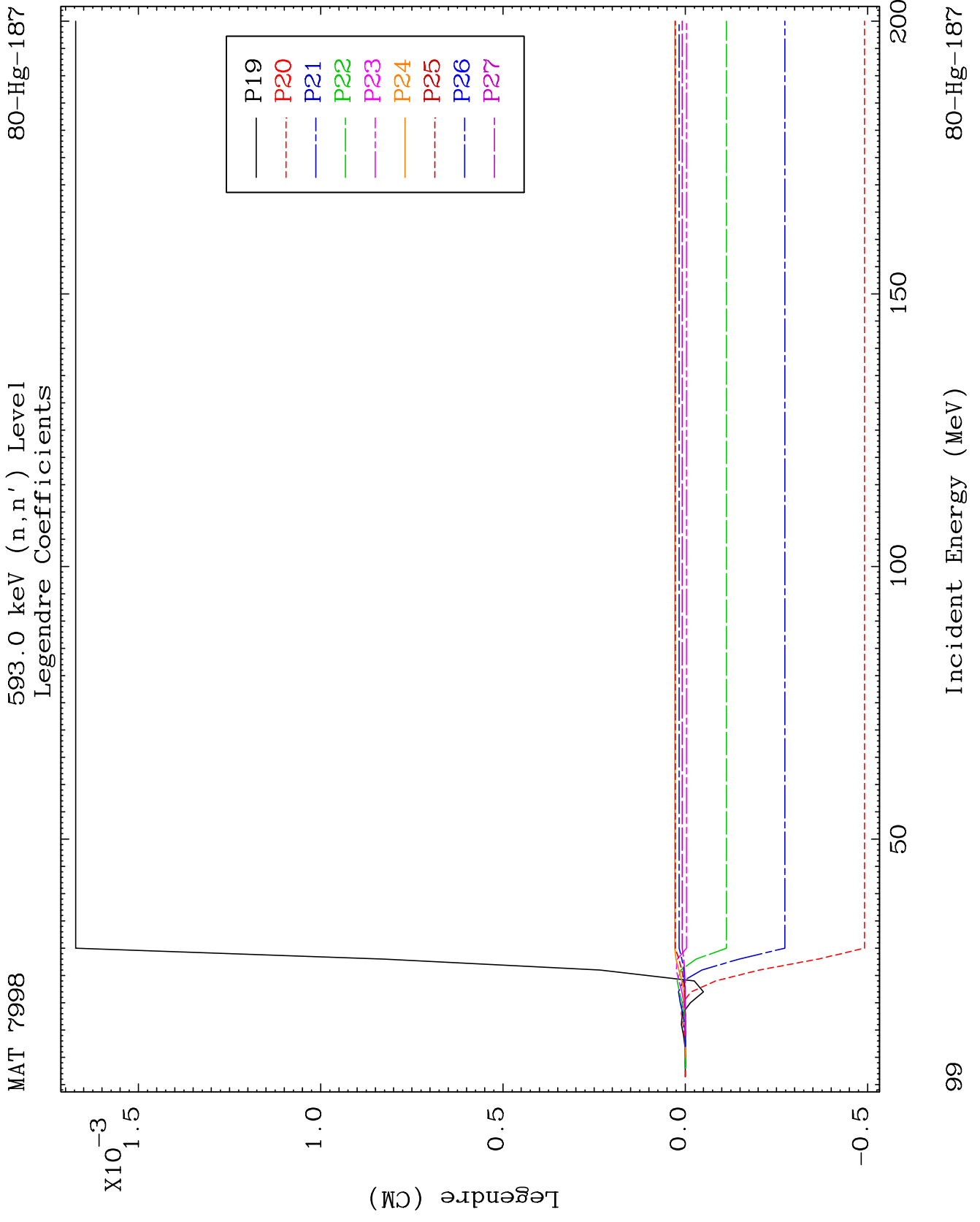


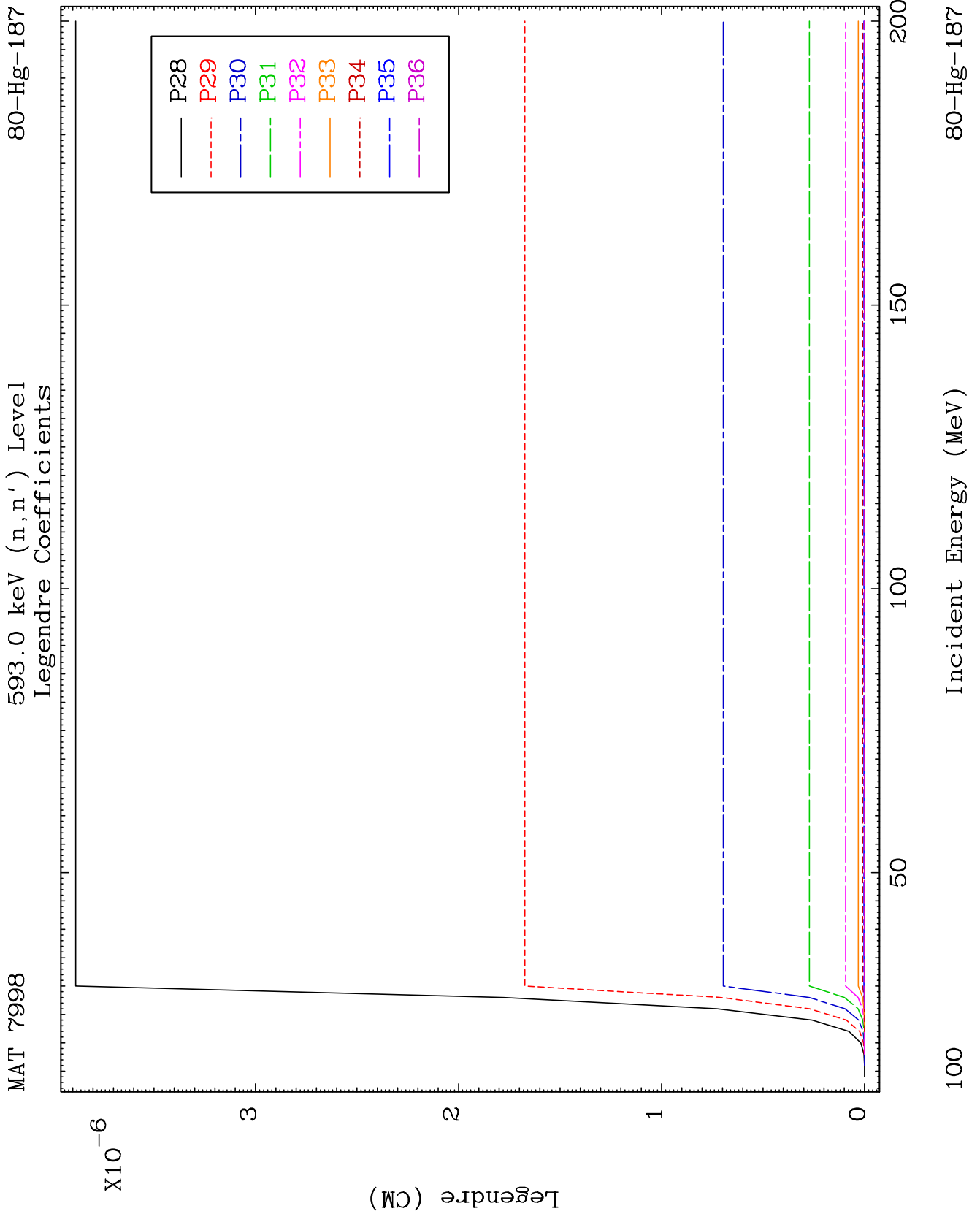
96

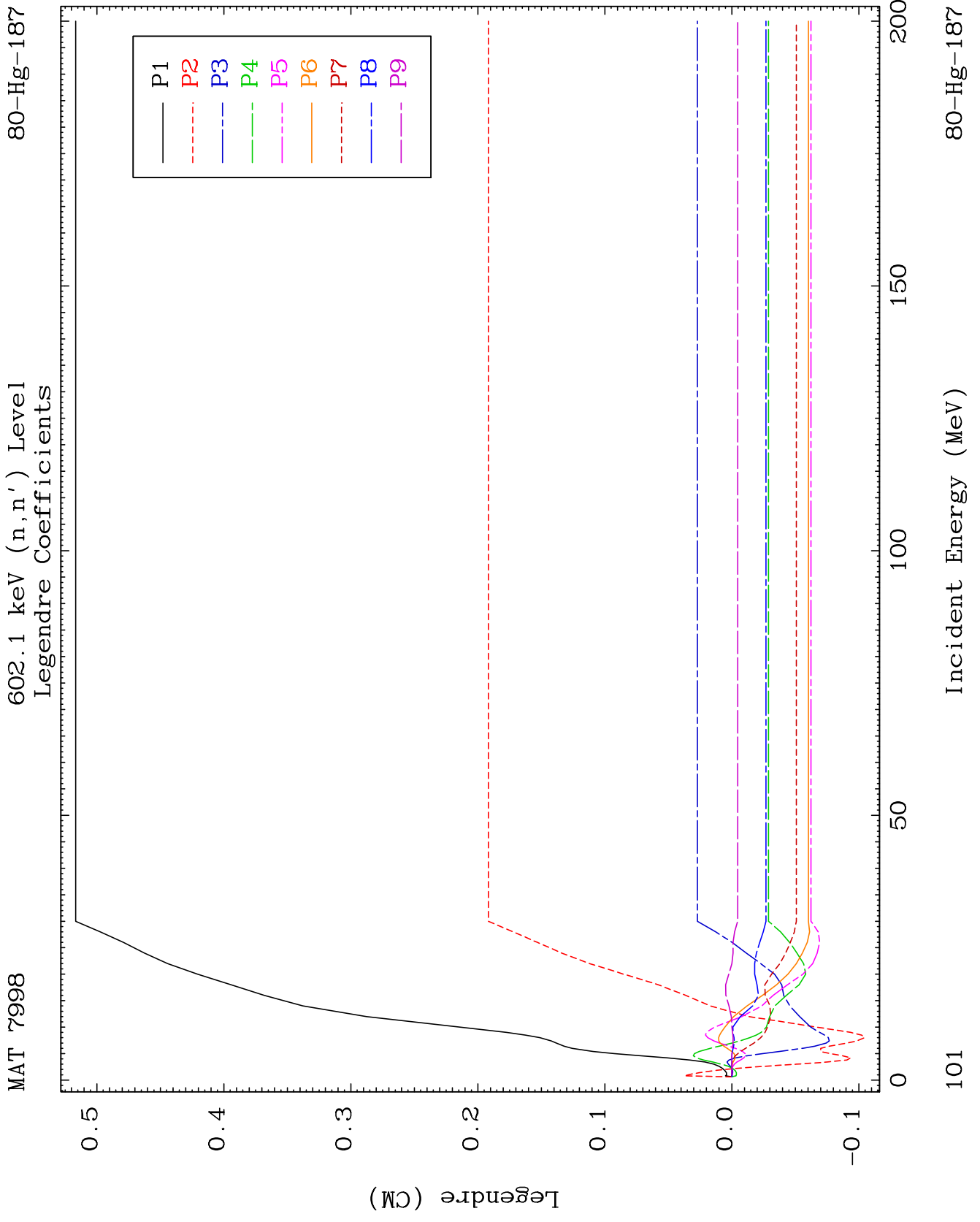
Incident Energy (MeV)

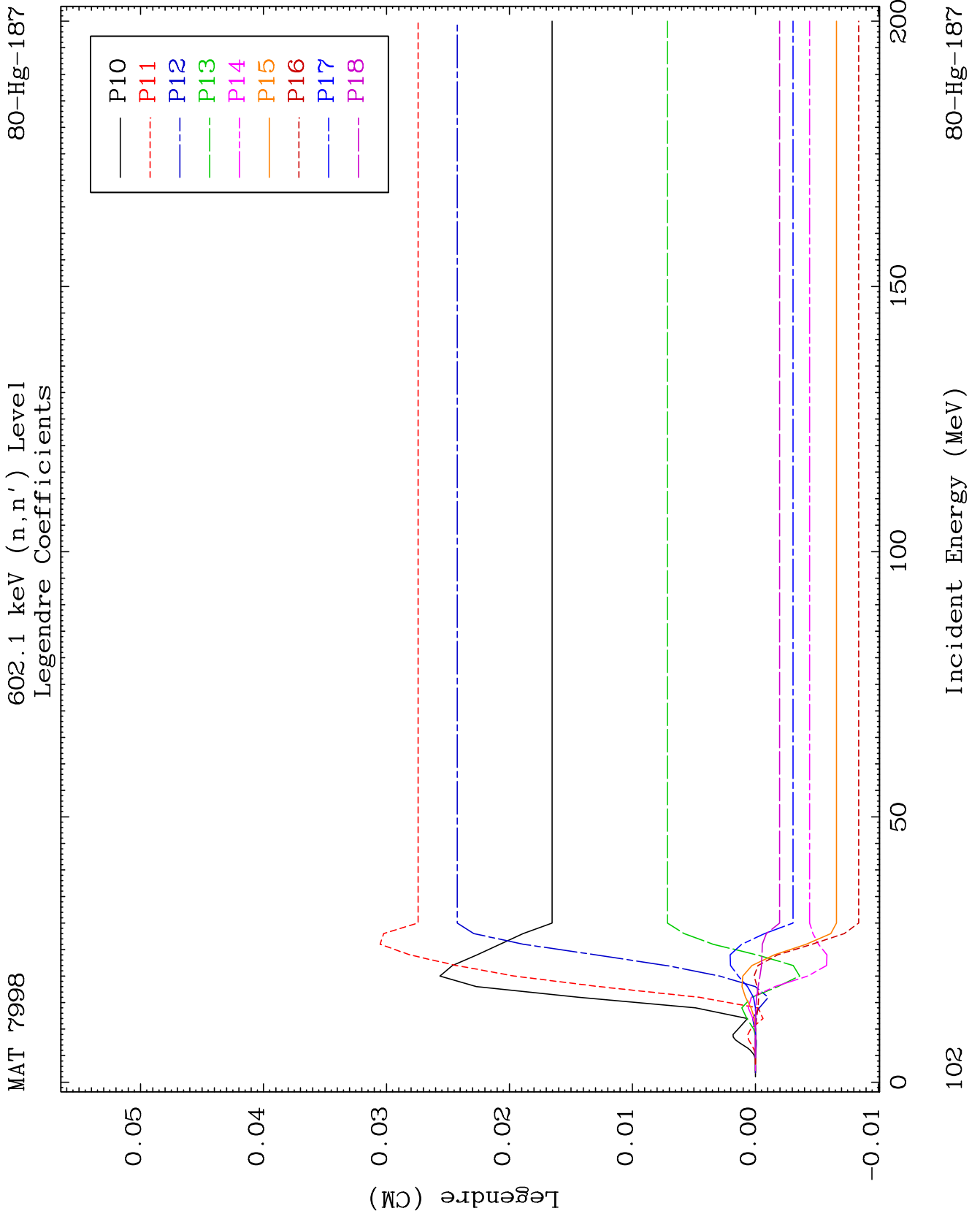
80-Hg-187







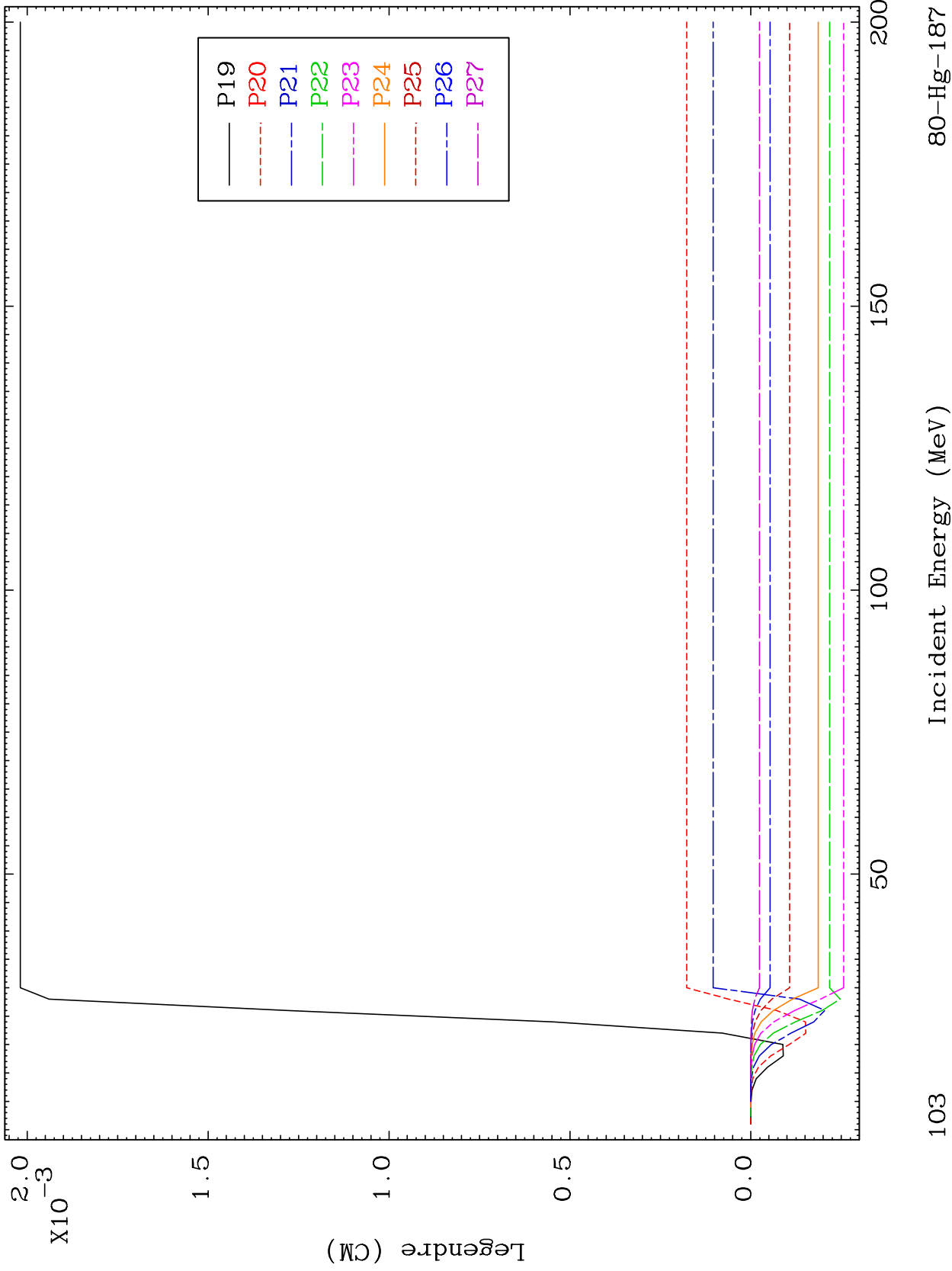




MAT 7998

602.1 keV (n,n') Level
Legendre Coefficients

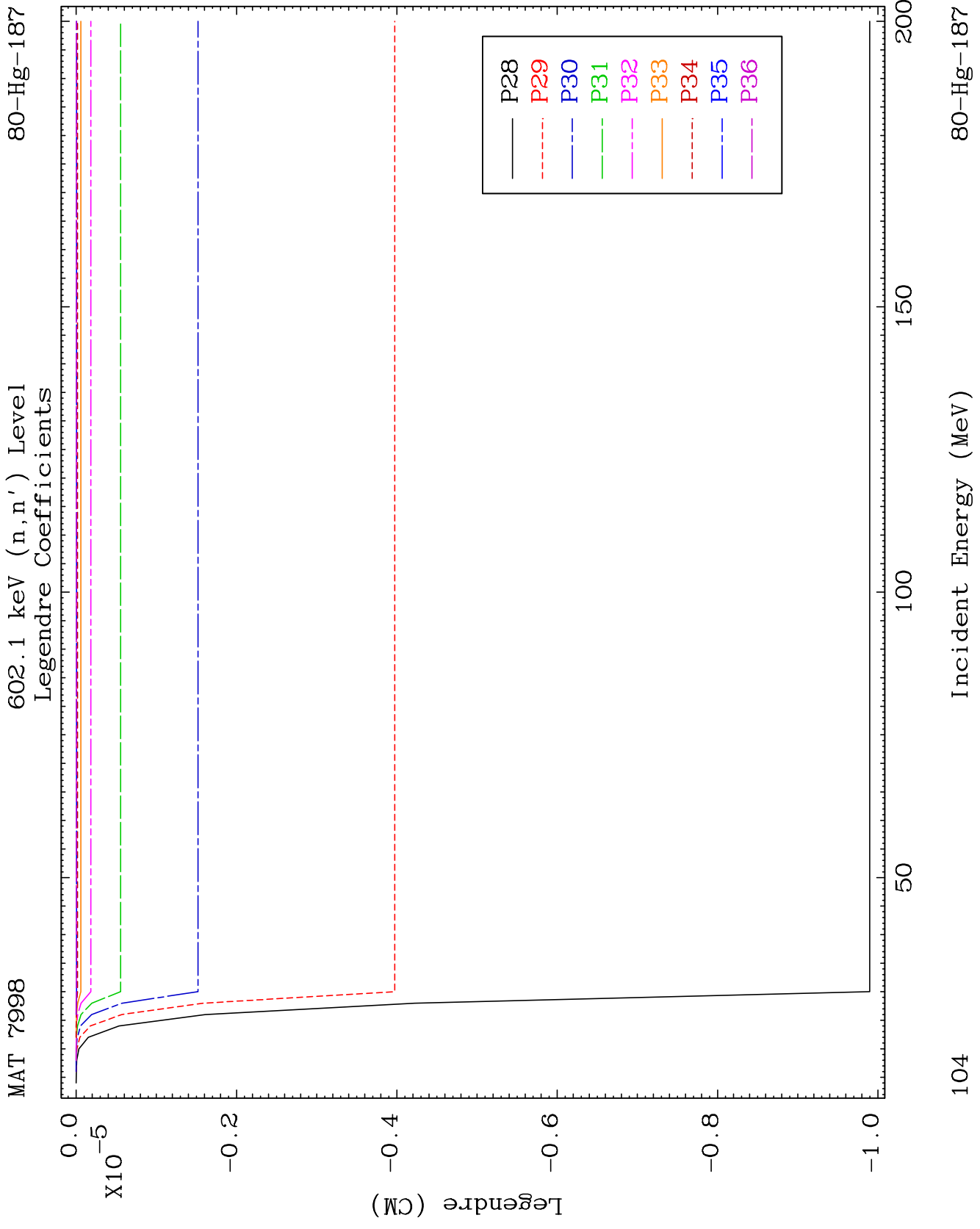
80-Hg-187



103

Incident Energy (MeV)

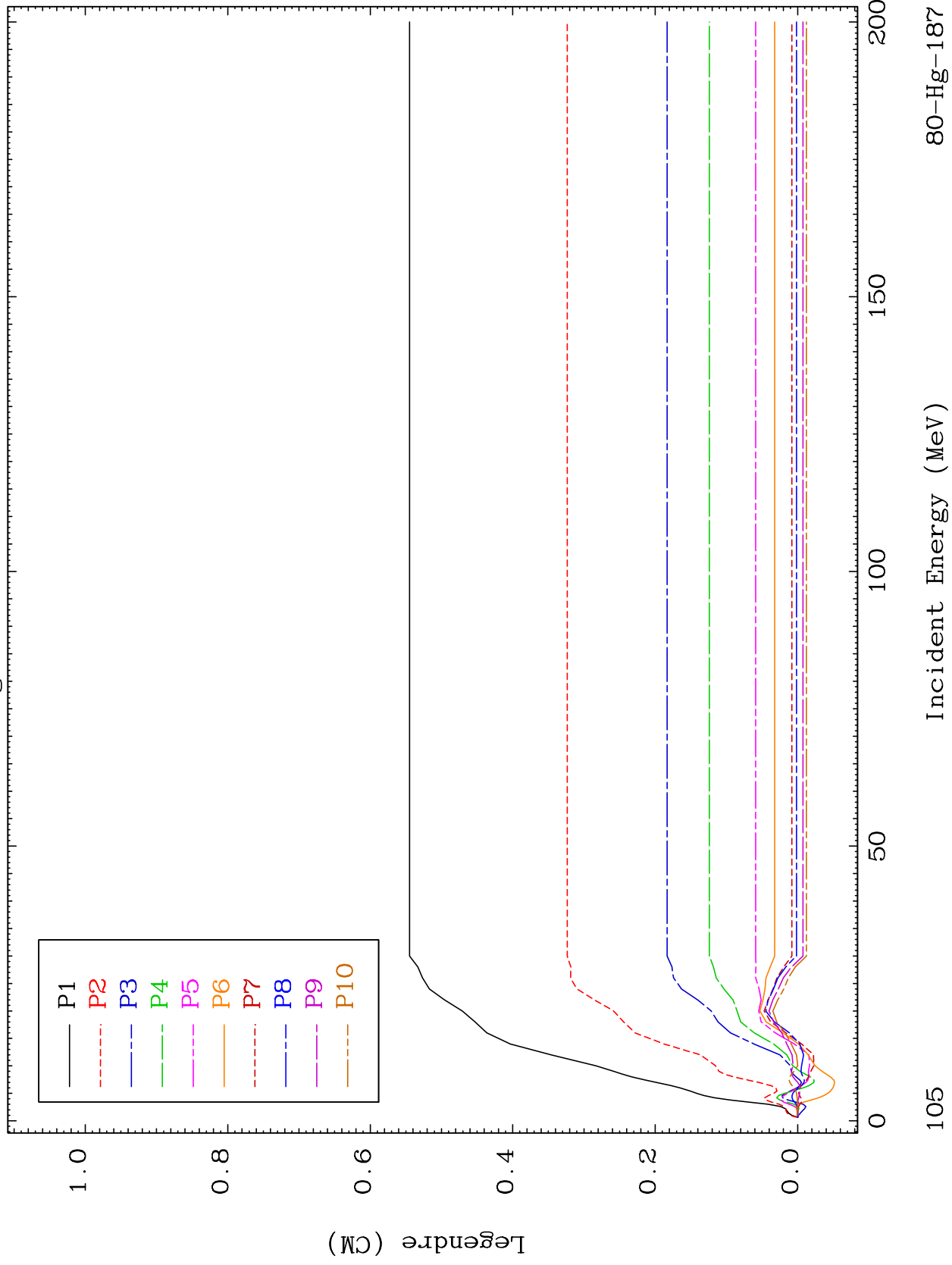
80-Hg-187

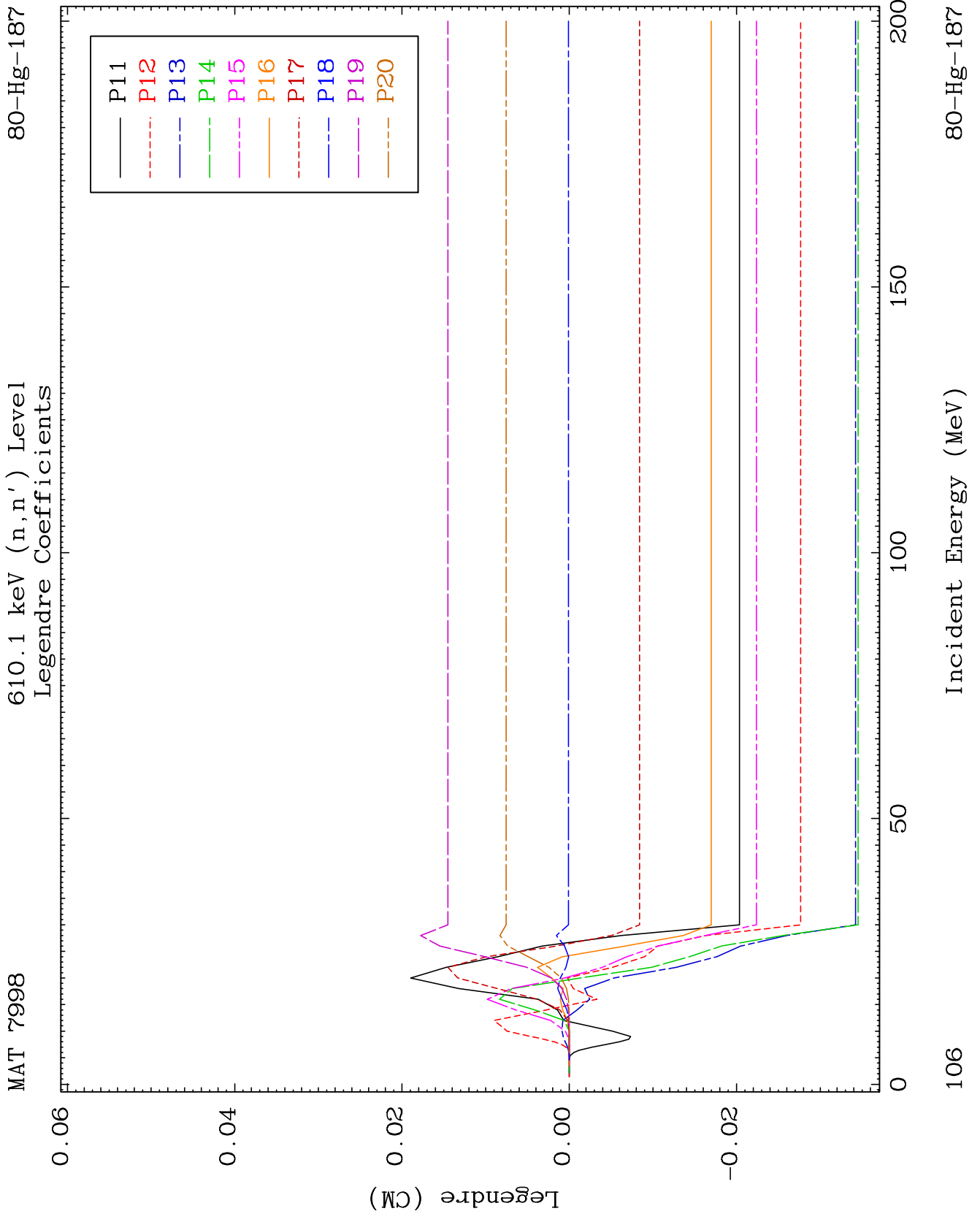


MAT 7998

610.1 keV (n,n') Level
Legendre Coefficients

80-Hg-187

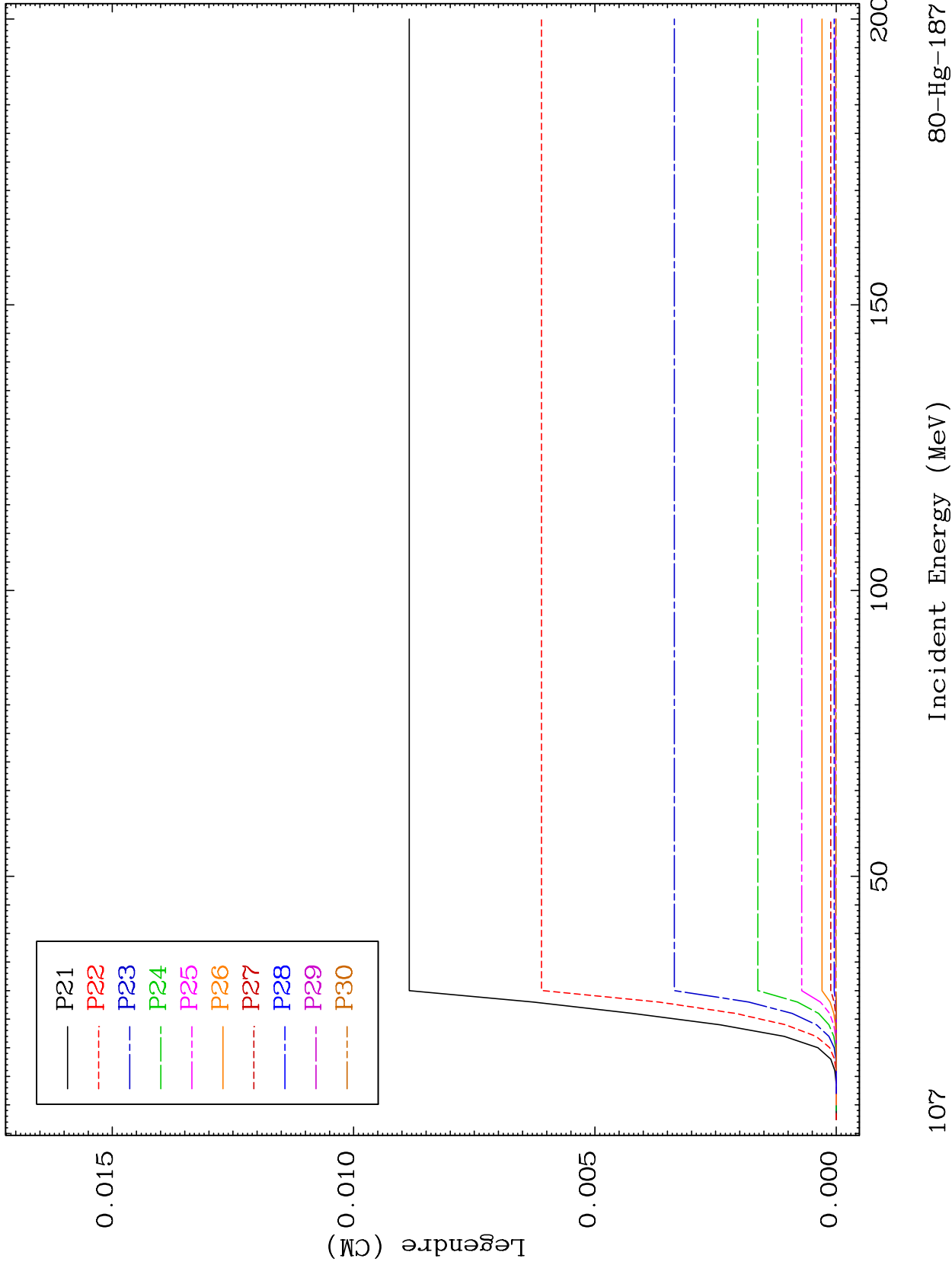




MAT 7998

610.1 keV (n,n') Level
Legendre Coefficients

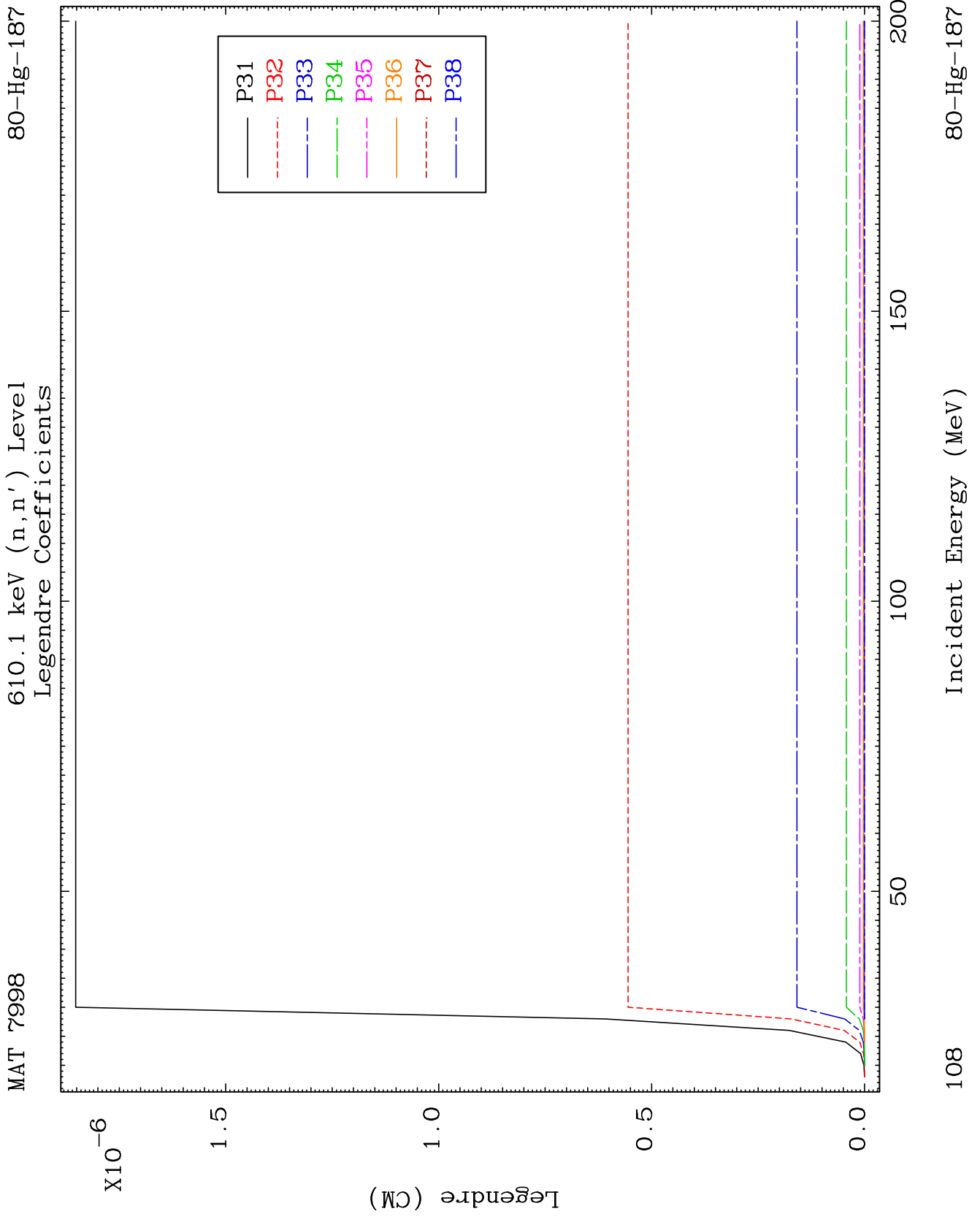
80-Hg-187

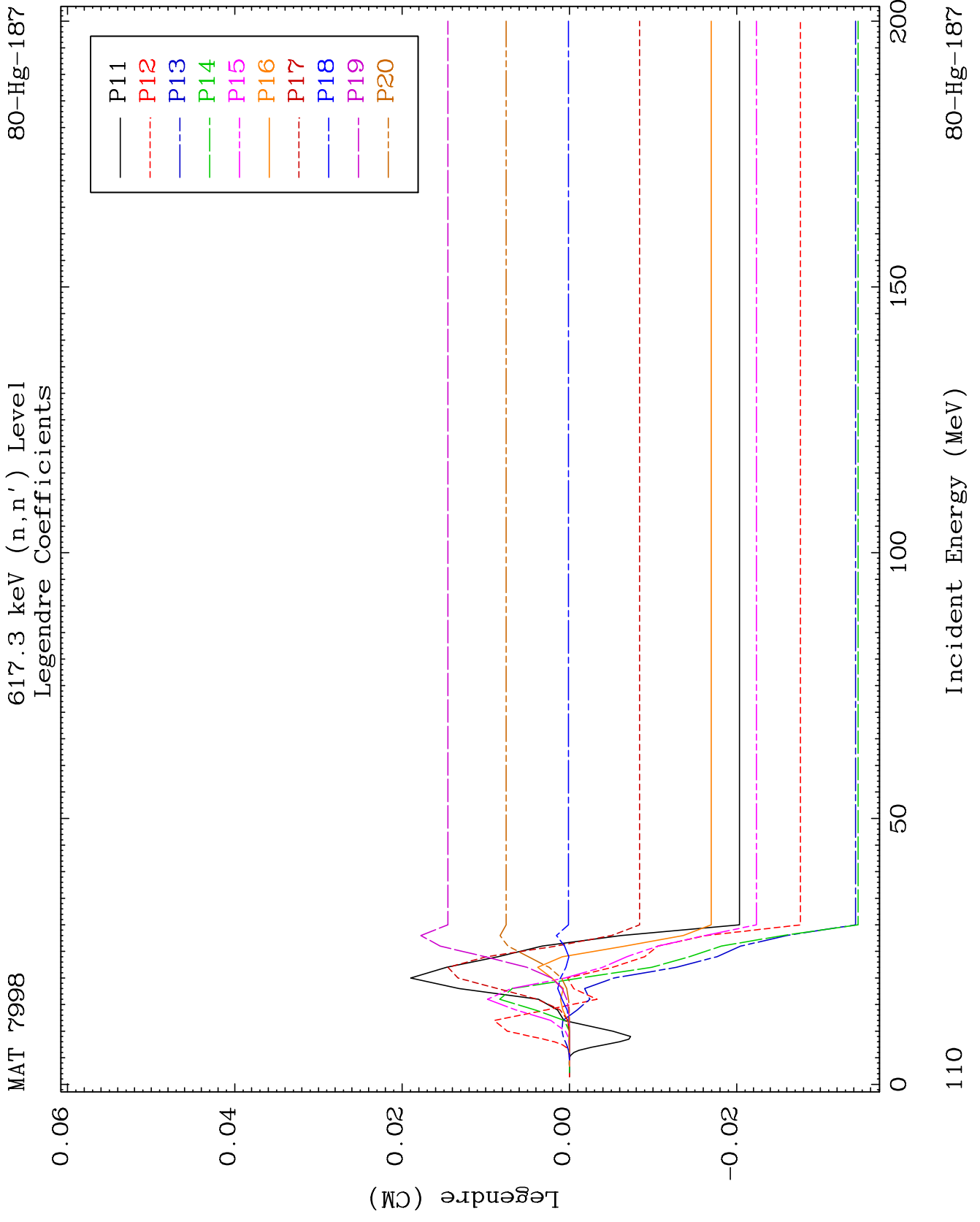


107

Incident Energy (MeV)

80-Hg-187

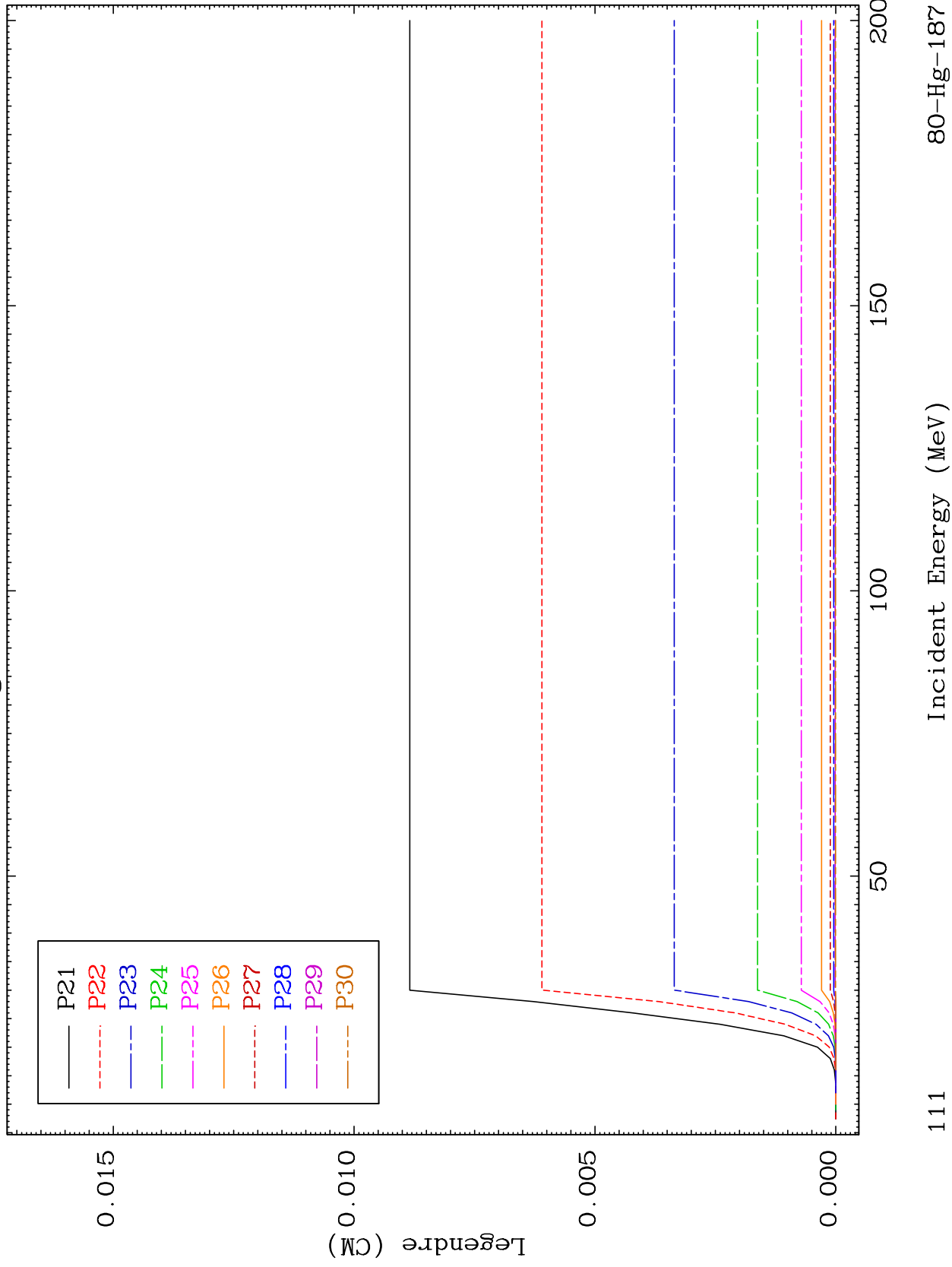




MAT 7998

617.3 keV (n,n') Level
Legendre Coefficients

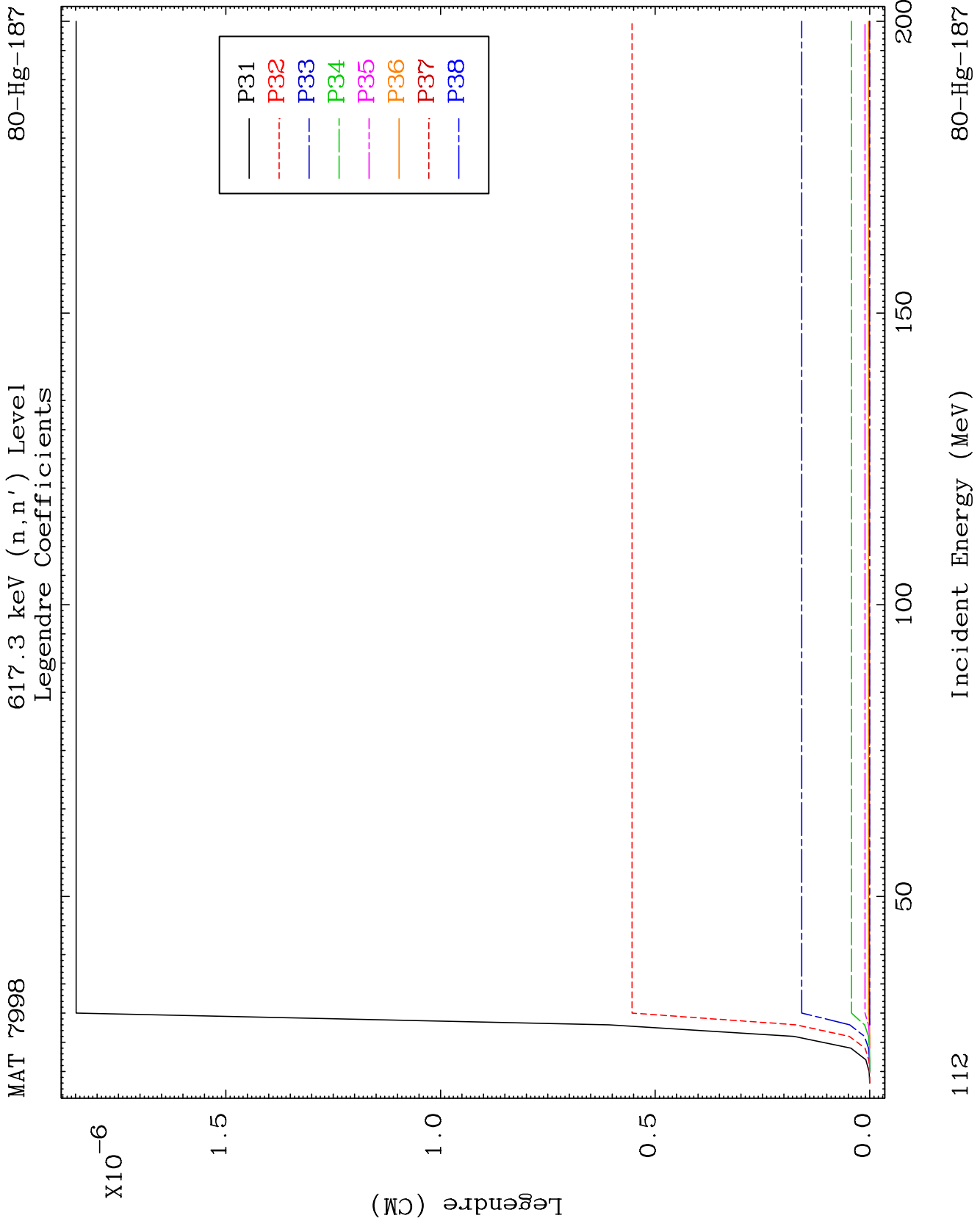
80-Hg-187



111

Incident Energy (MeV)

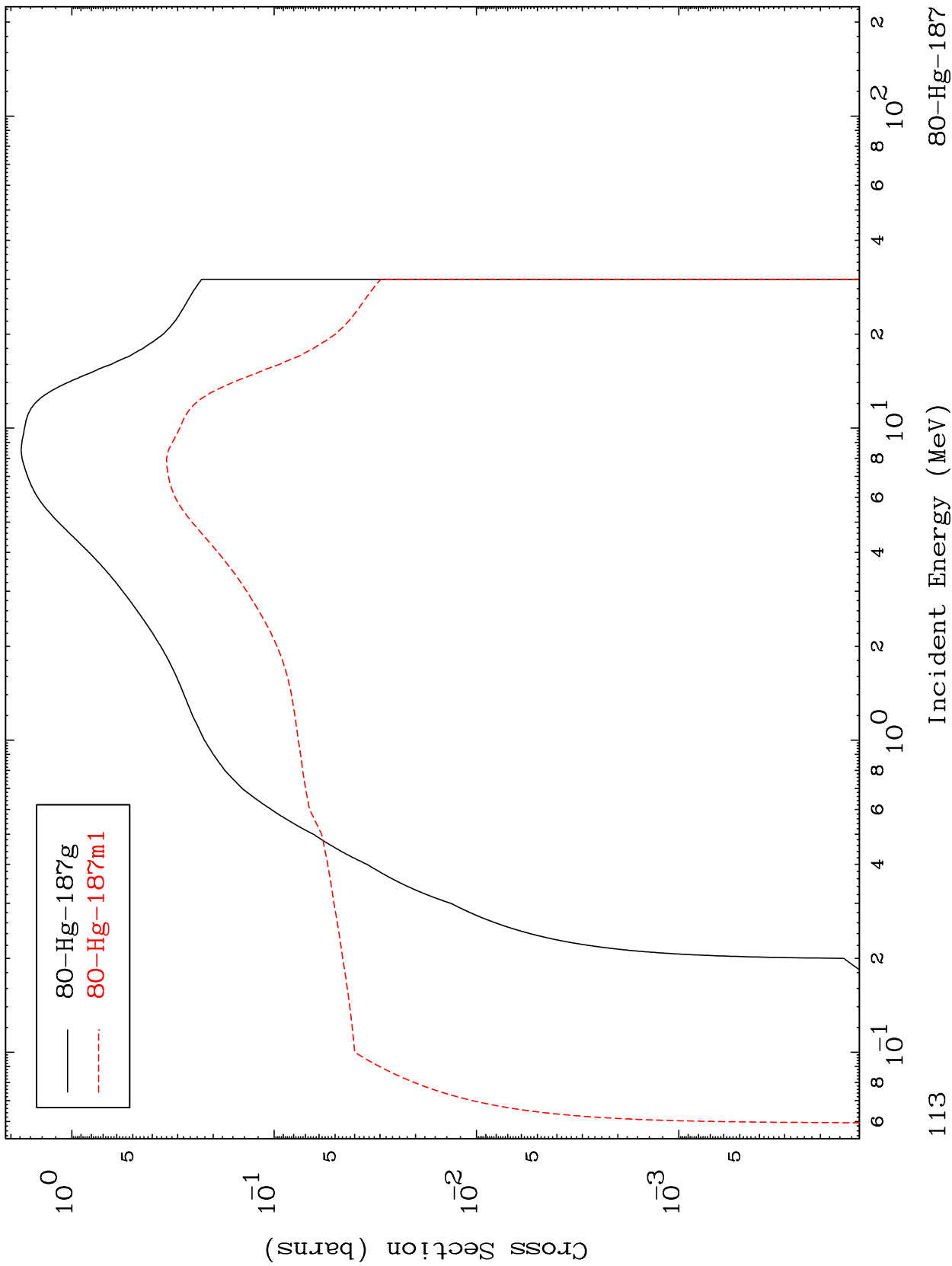
80-Hg-187



MAT 7998

80-Hg-187

Radionuclide Production Cross Section



113

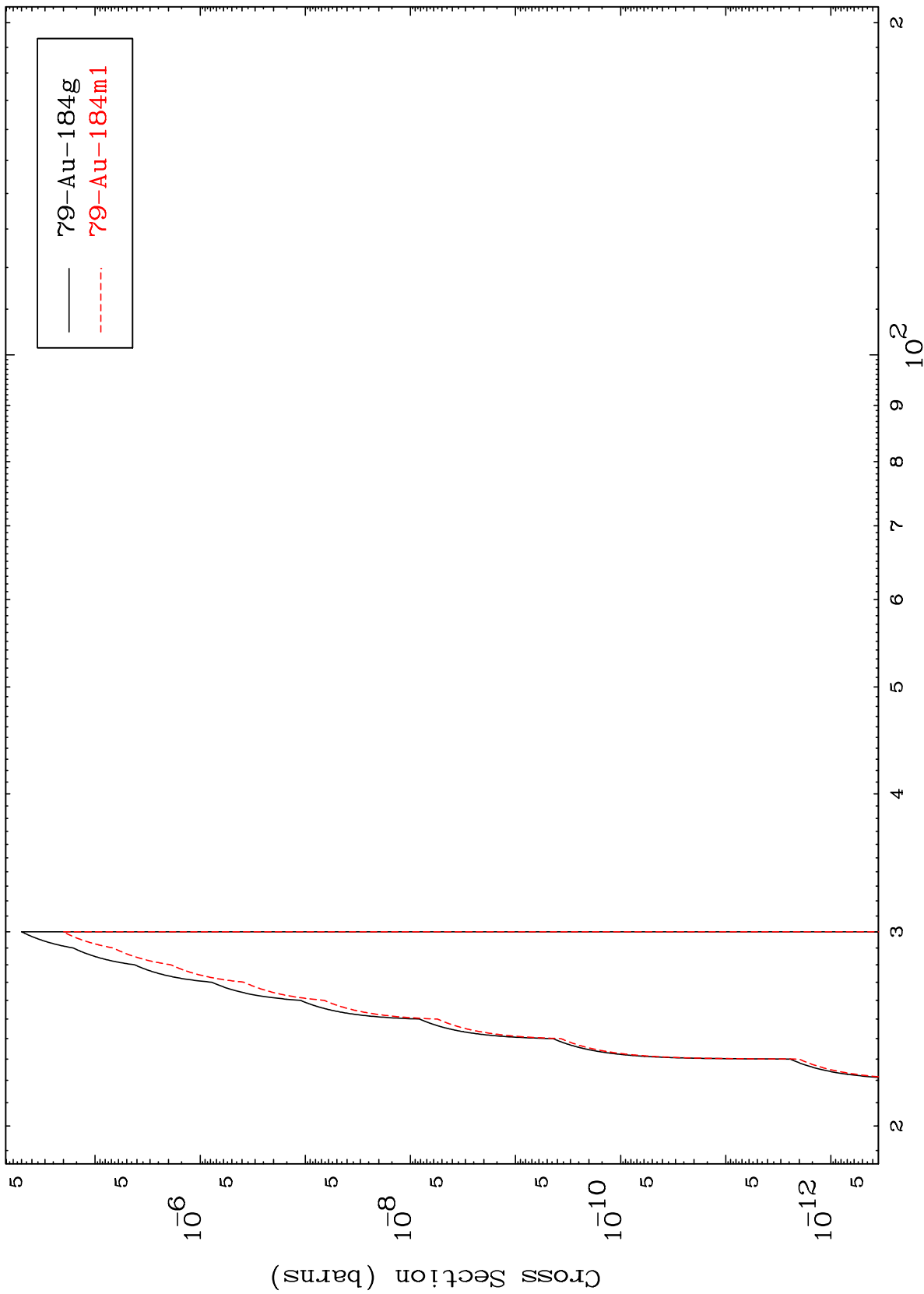
80-Hg-187

MAT 7998

(n,2n) d

80-Hg-187

Radionuclide Production Cross Section



114

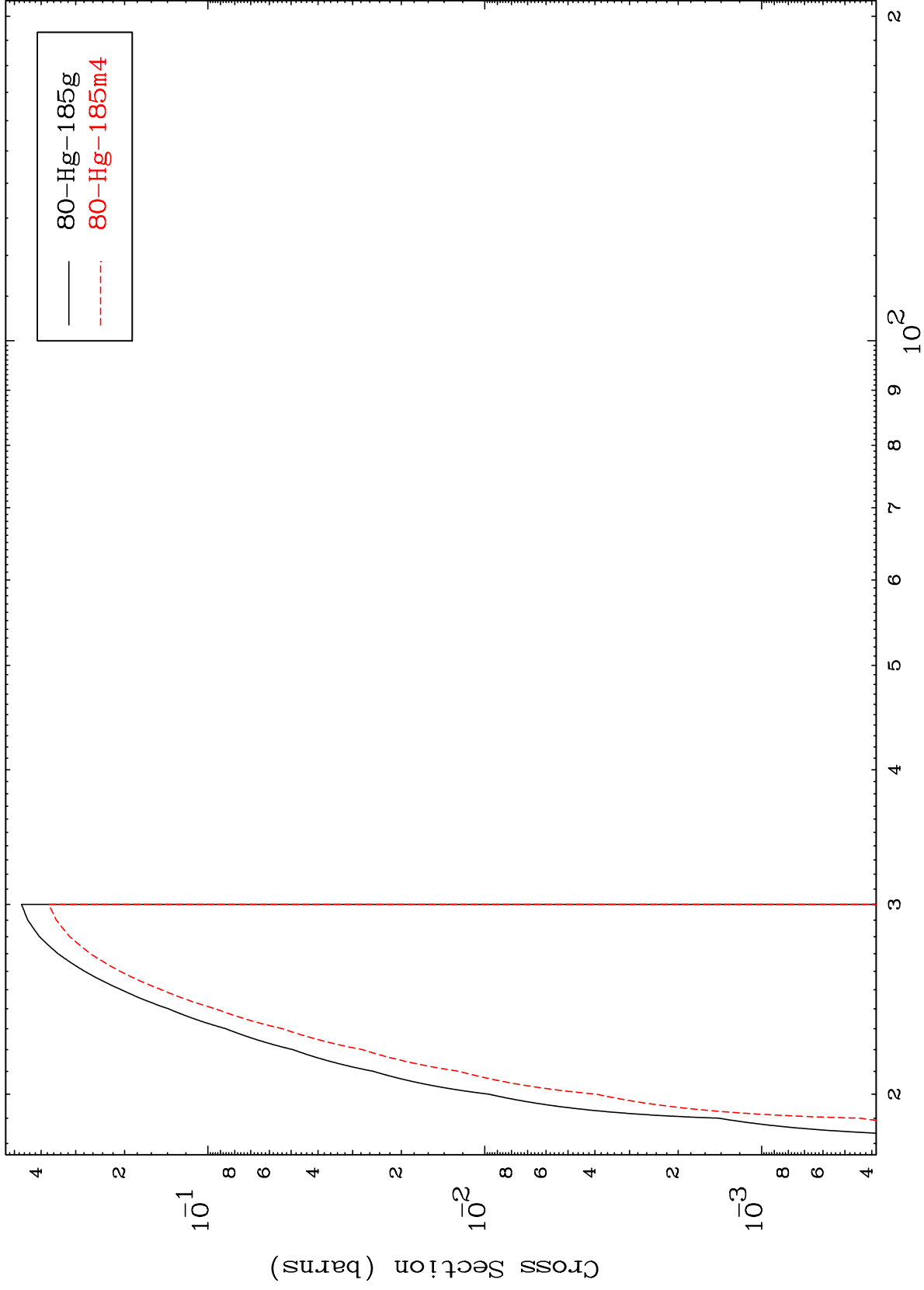
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

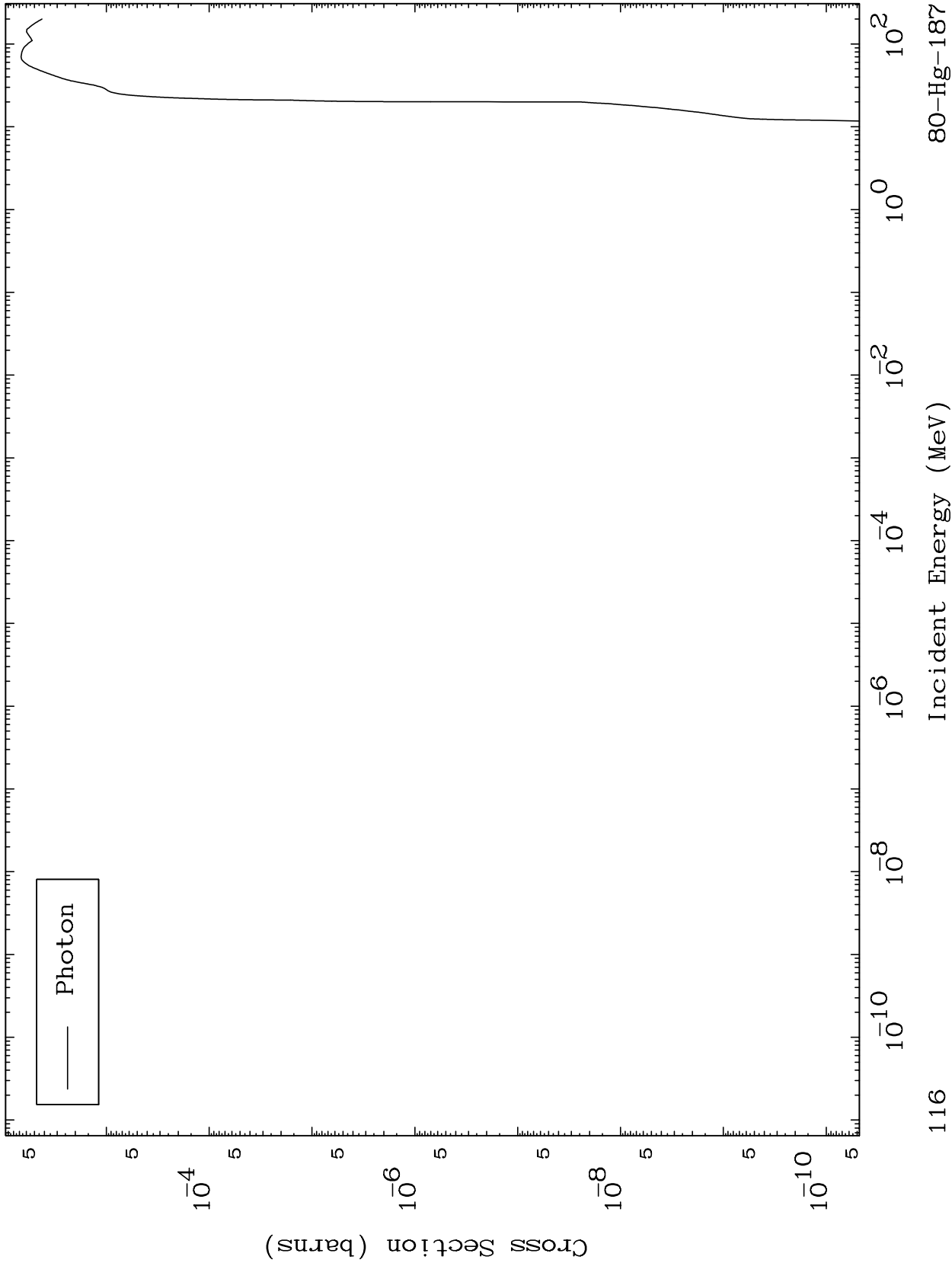
80-Hg-187

MAT 7998

Fission

80-Hg-187

Radionuclide Production Cross Section



116

Incident Energy (MeV)

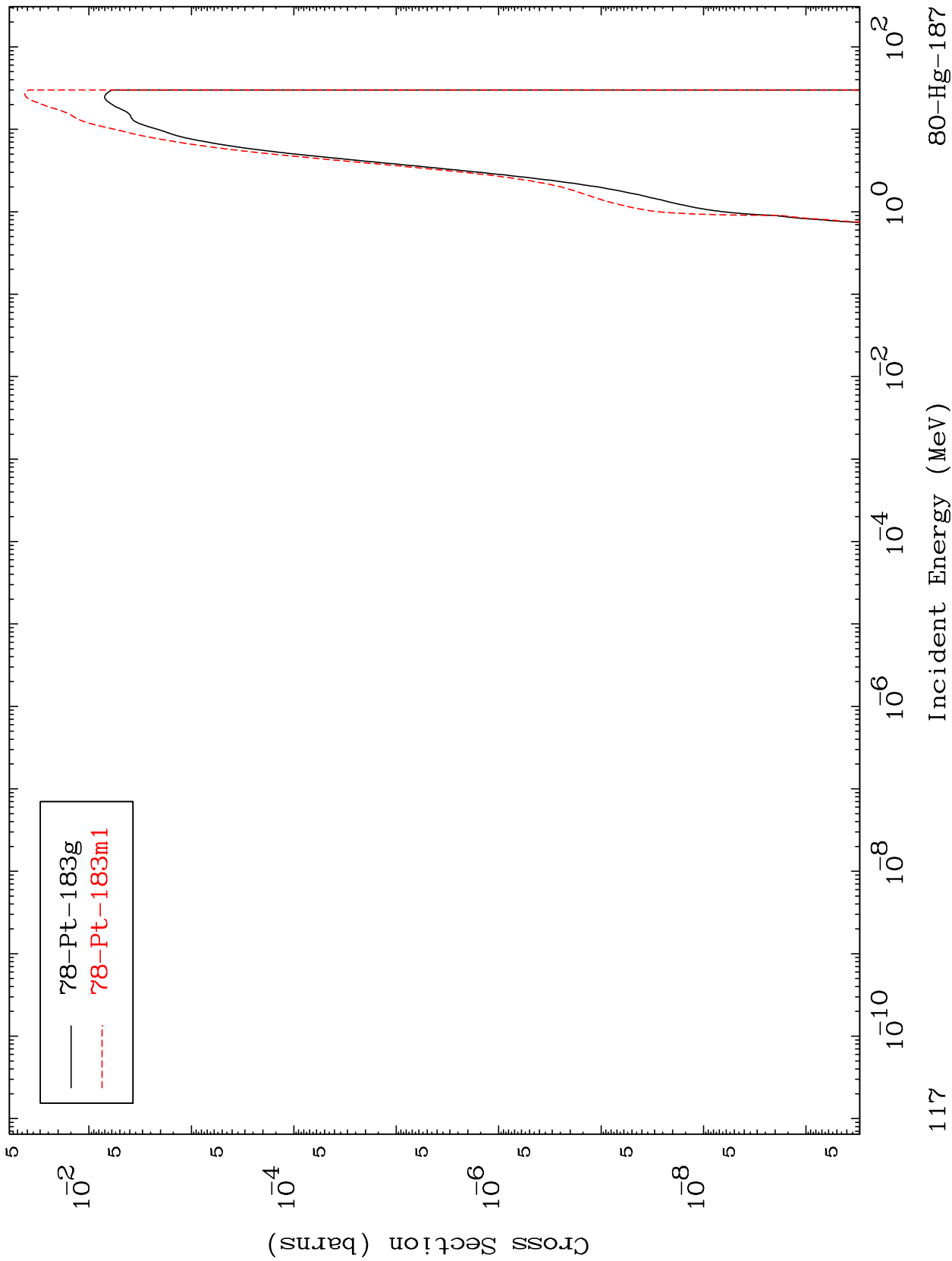
80-Hg-187

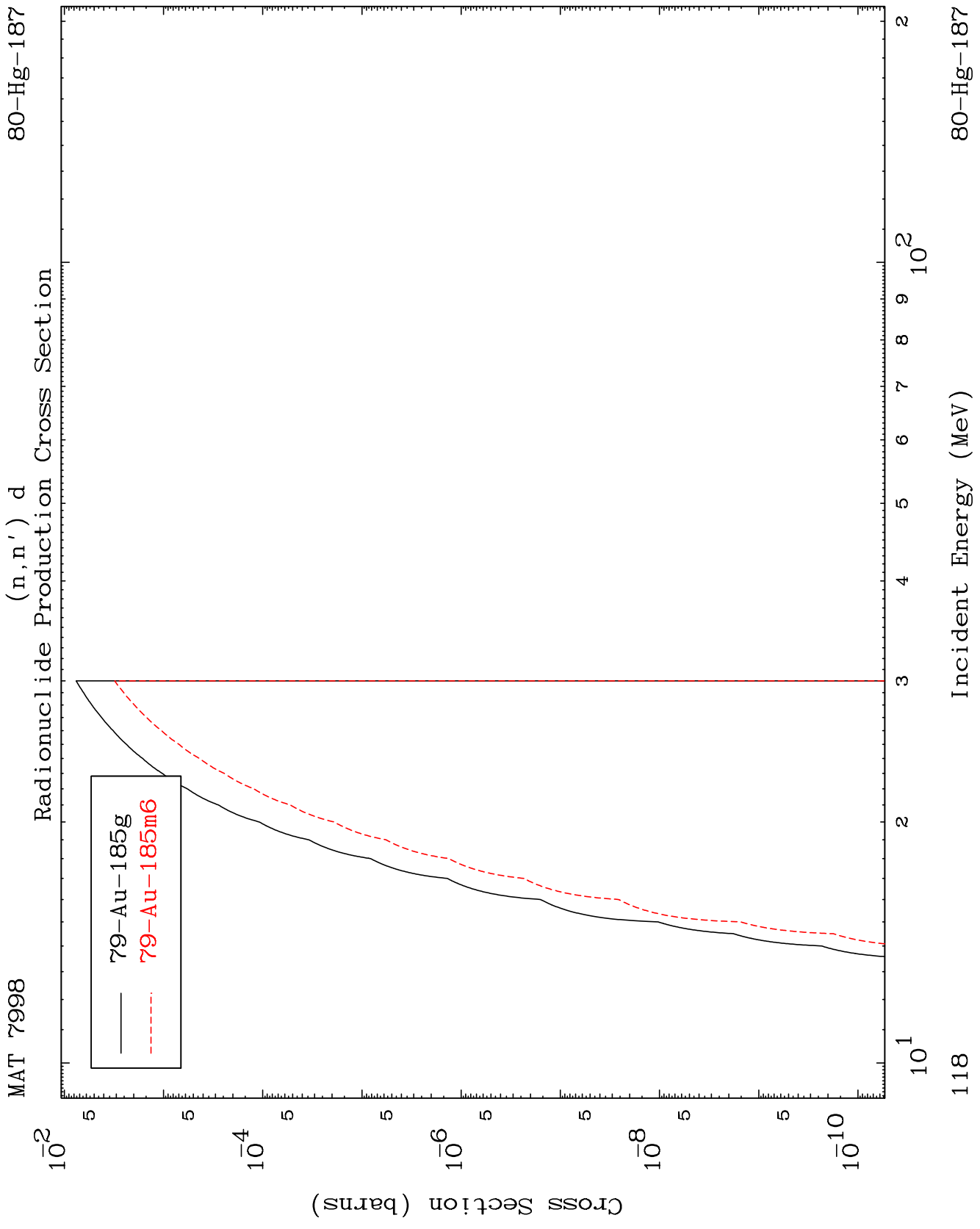
MAT 7998

(n, n') α

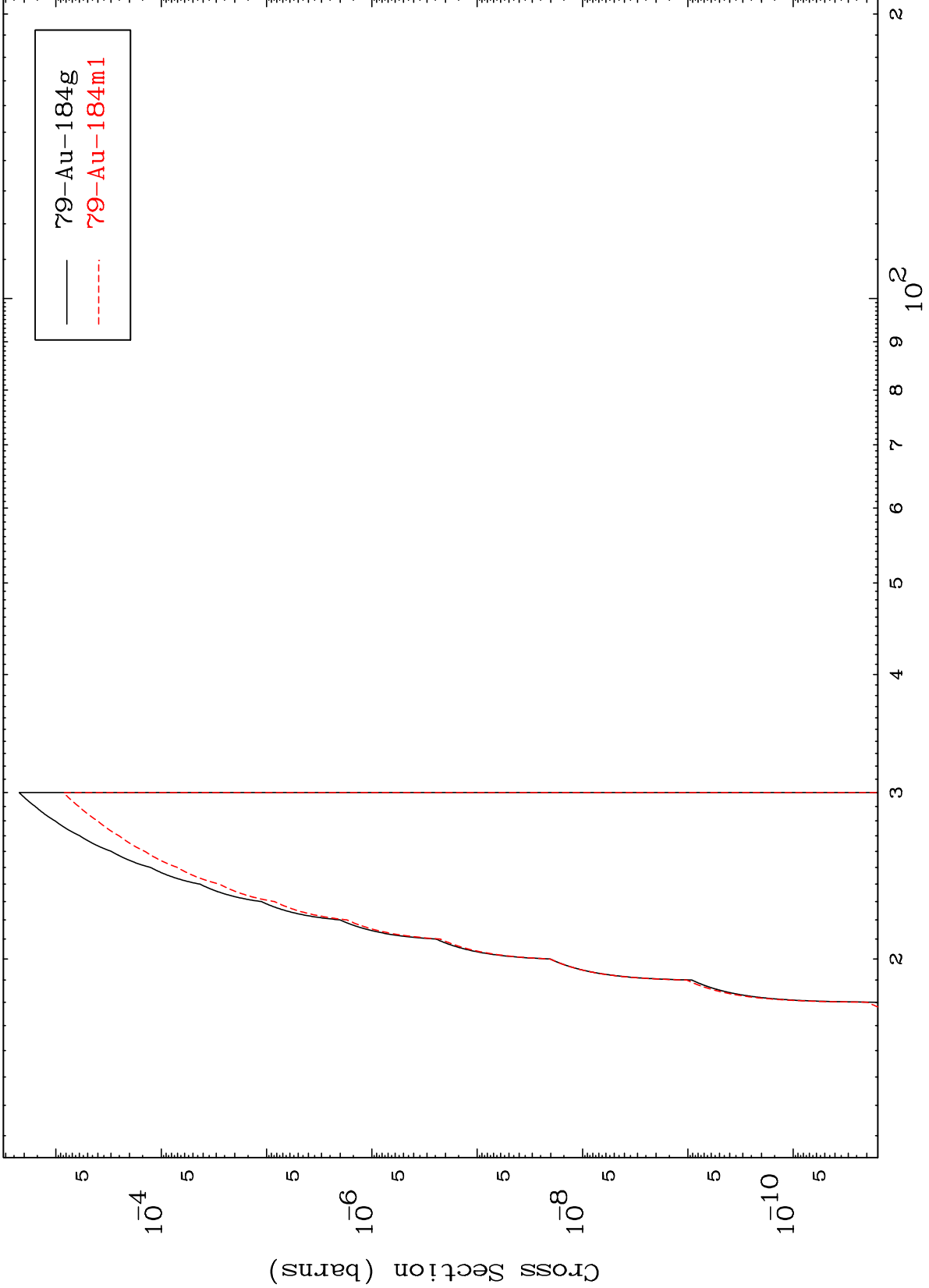
80-Hg-187

Radionuclide Production Cross Section





Radionuclide Production Cross Section

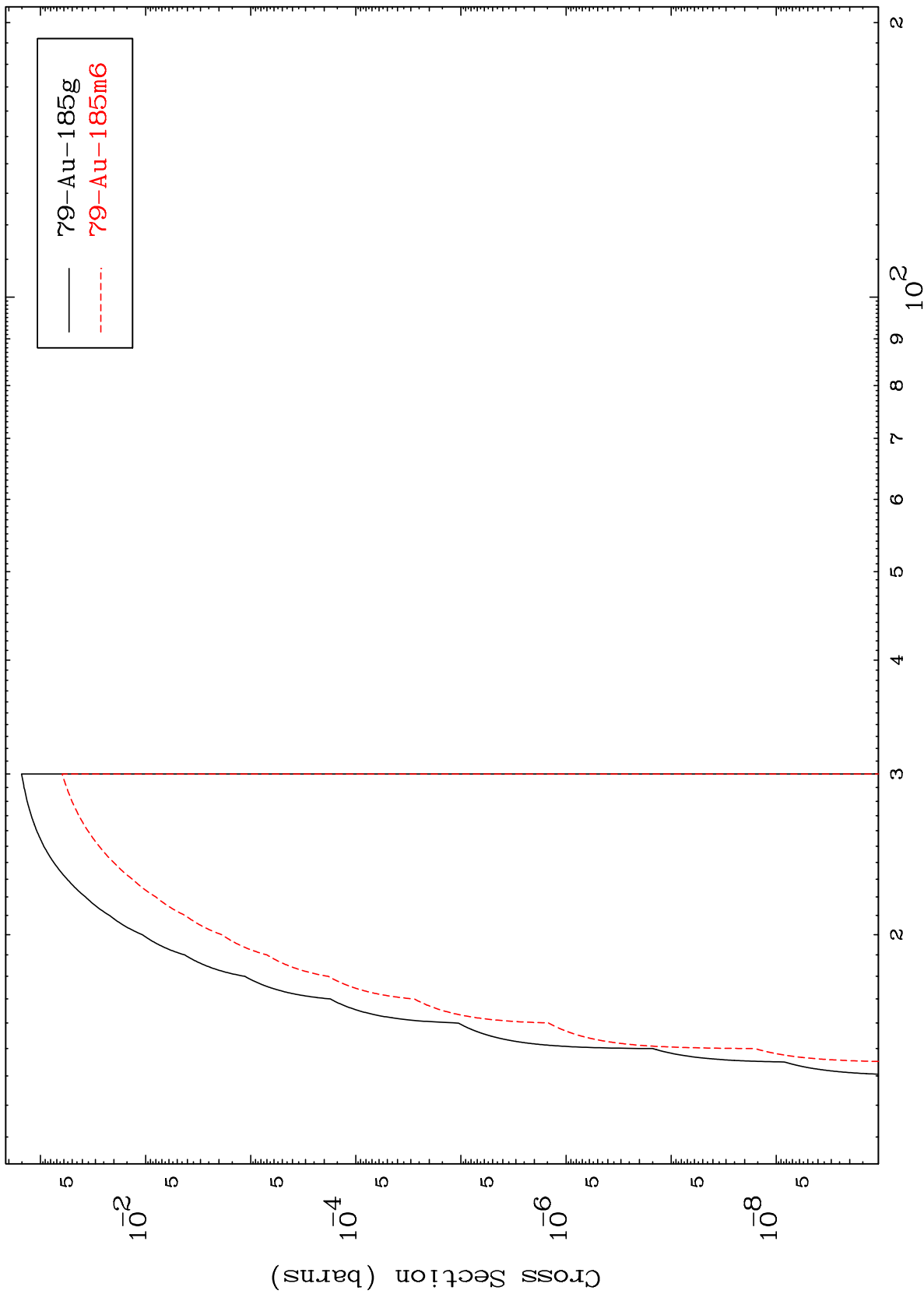


MAT 7998

80-Hg-187

(n,2n) p

Radionuclide Production Cross Section



120

Incident Energy (MeV)

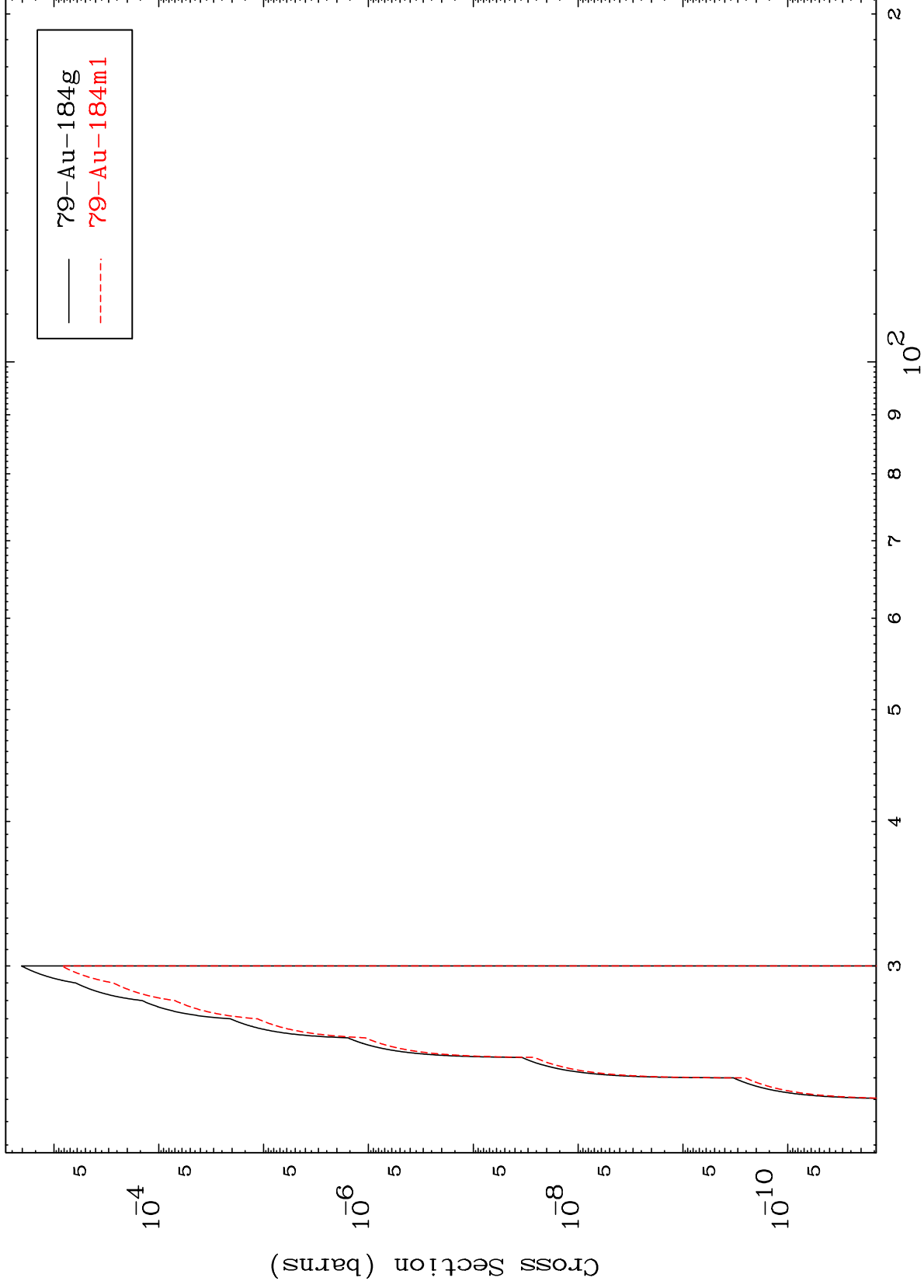
80-Hg-187

MAT 7998

(n,3n) p

80-Hg-187

Radionuclide Production Cross Section



121

Incident Energy (MeV)

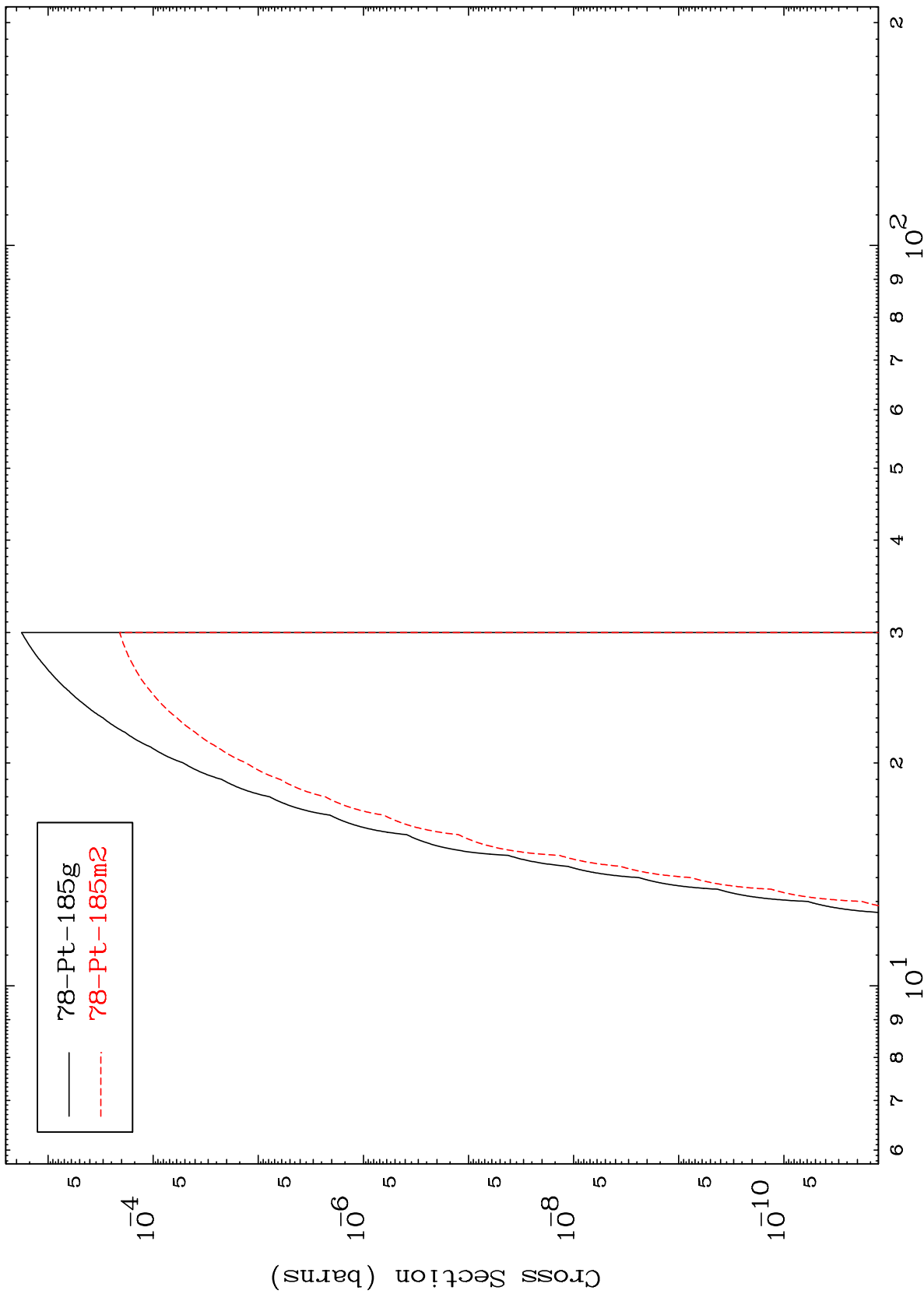
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



122

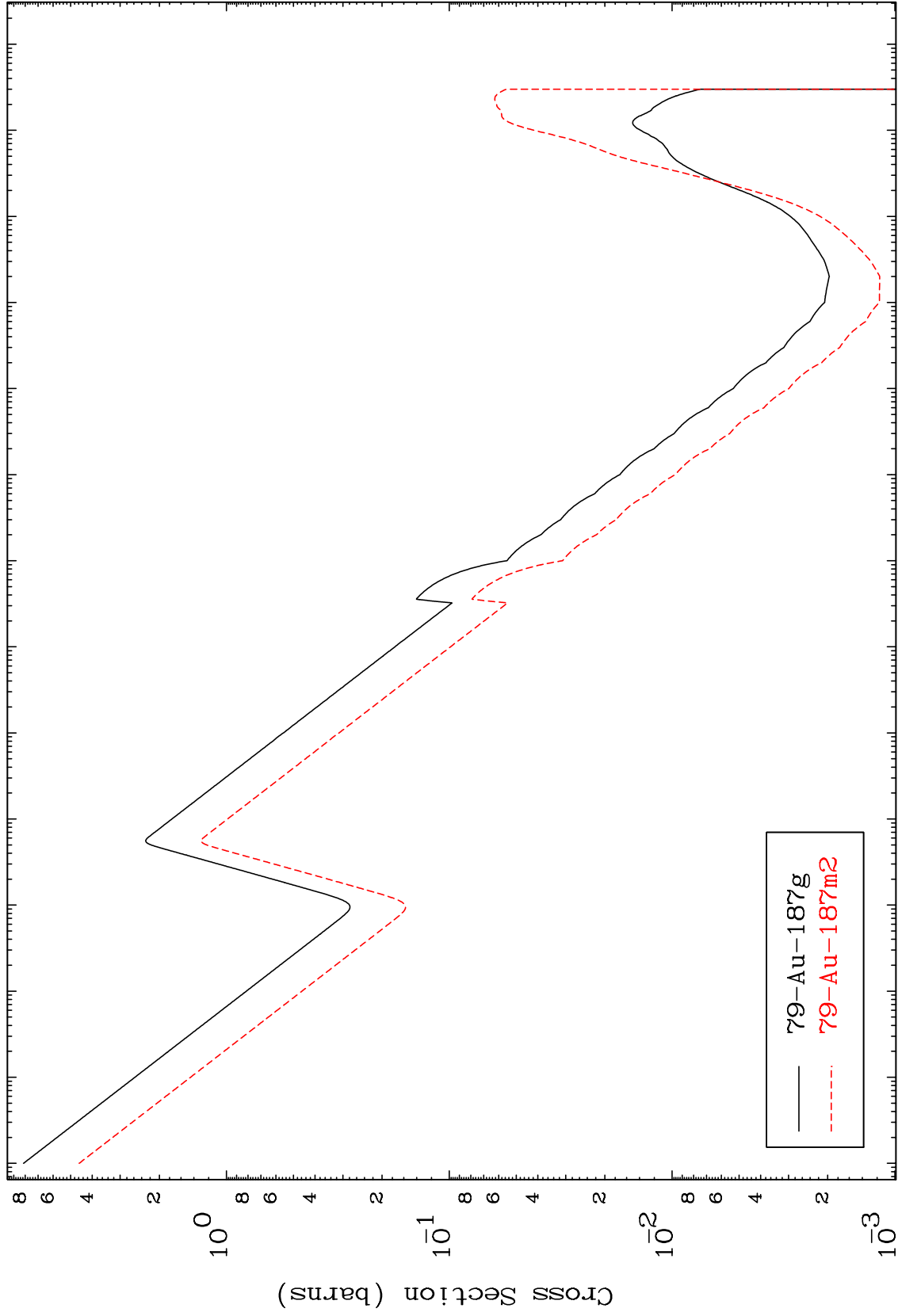
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(n,p)
Radionuclide Production Cross Section



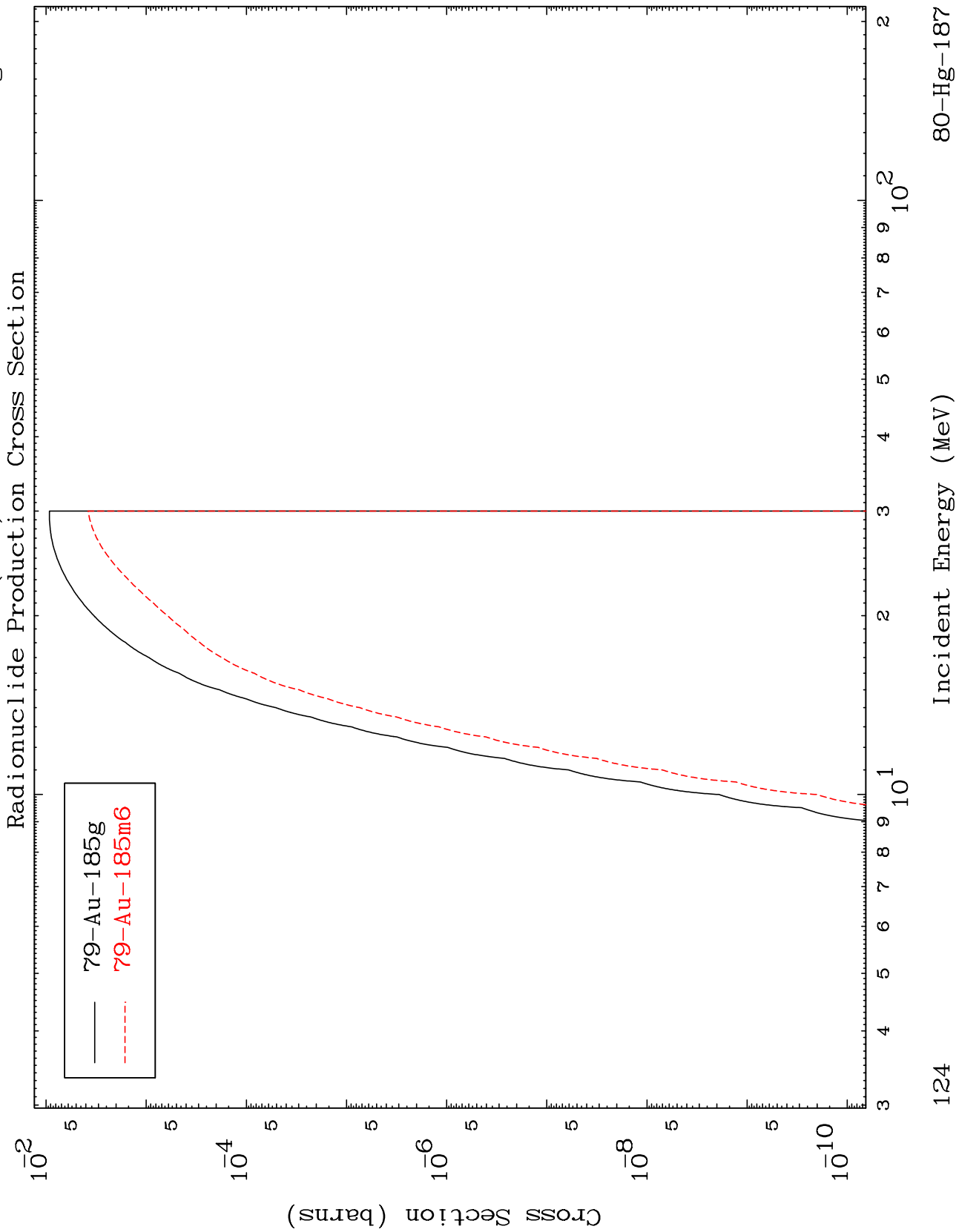
80-Hg-187

Incident Energy (MeV)

123

MAT 7998

80-Hg-187



124

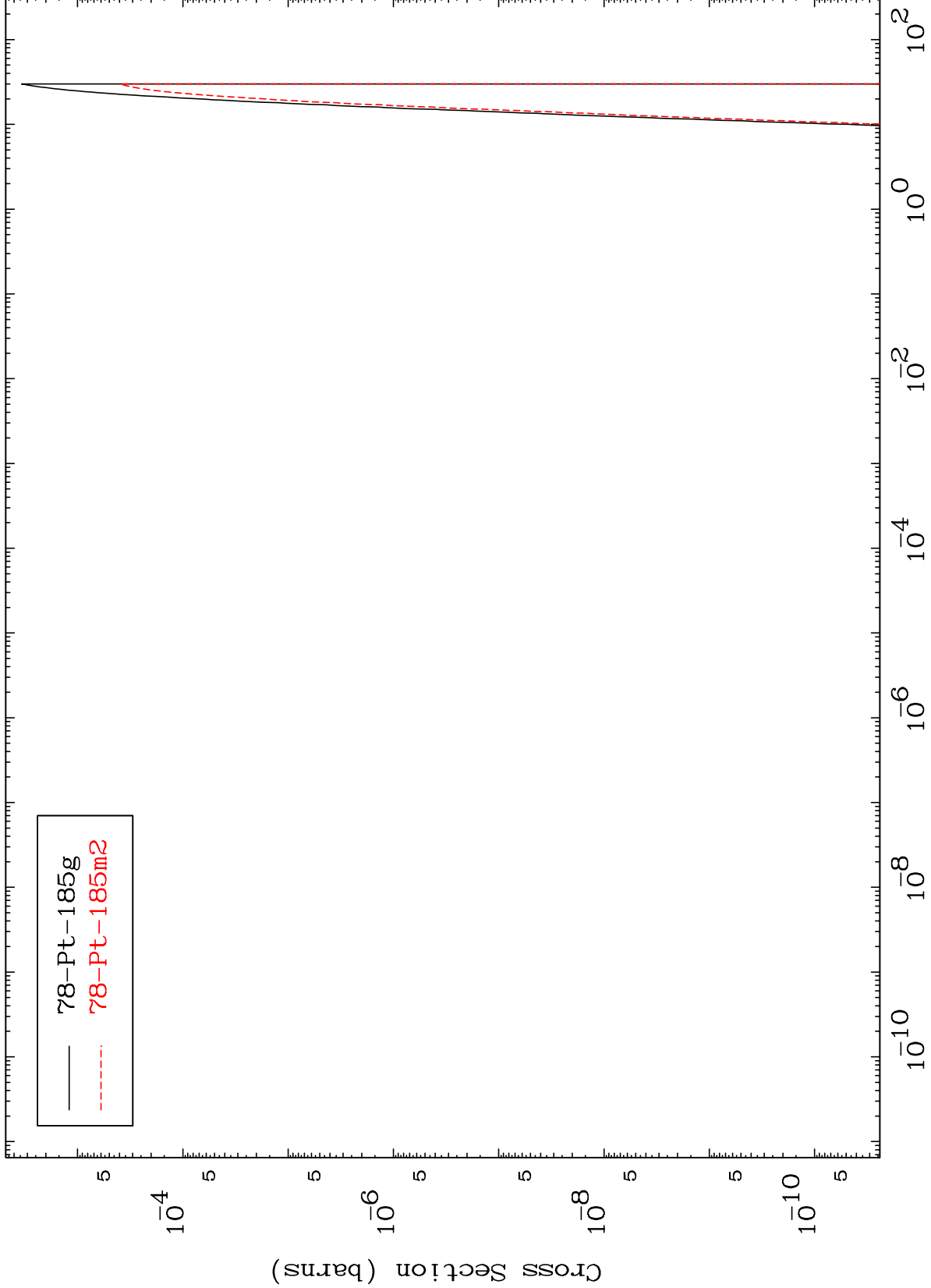
80-Hg-187

MAT 7998

(n,He-3)

80-Hg-187

Radionuclide Production Cross Section

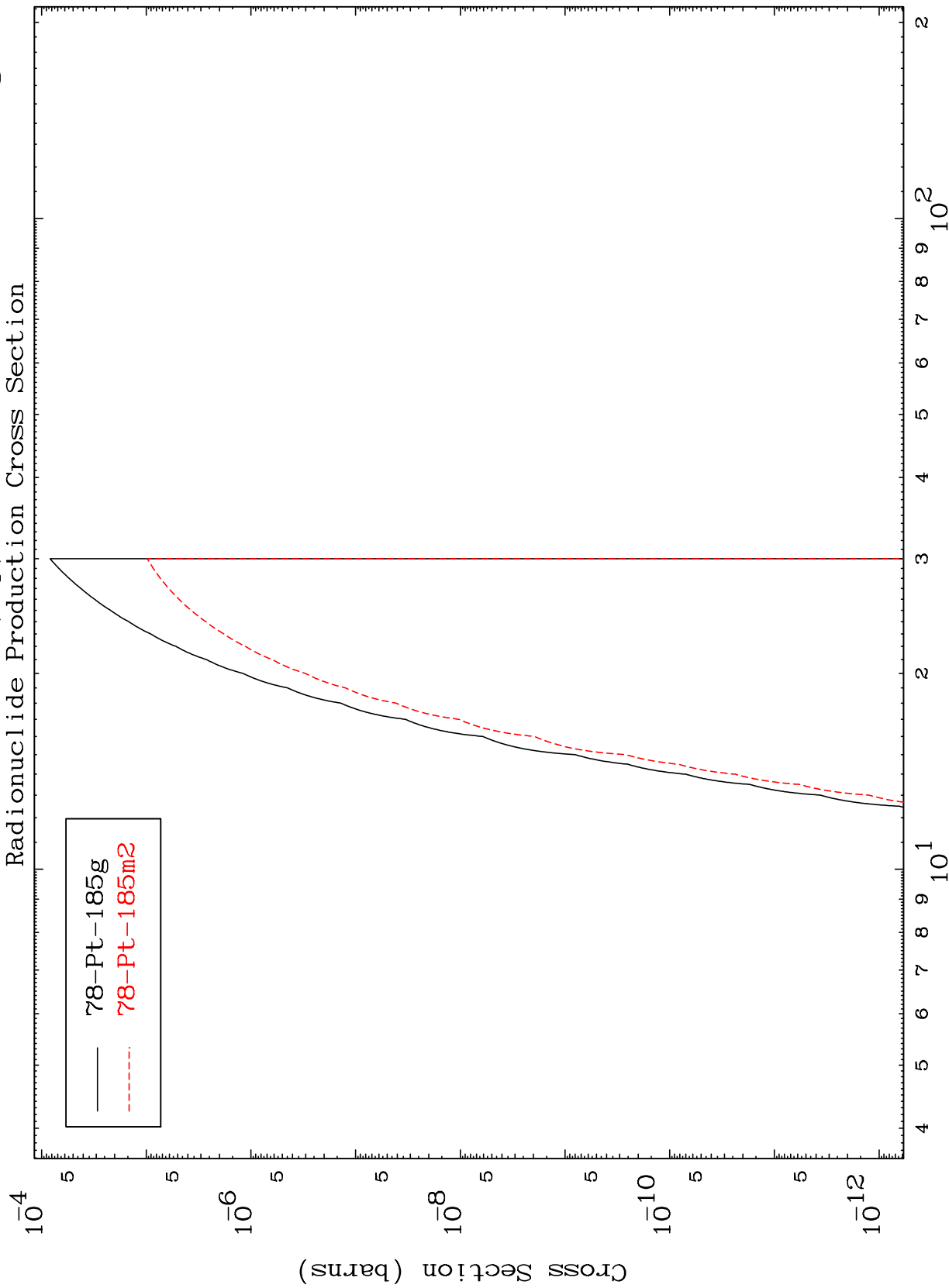


MAT 7998

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



126

Incident Energy (MeV)

80-Hg-187