

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

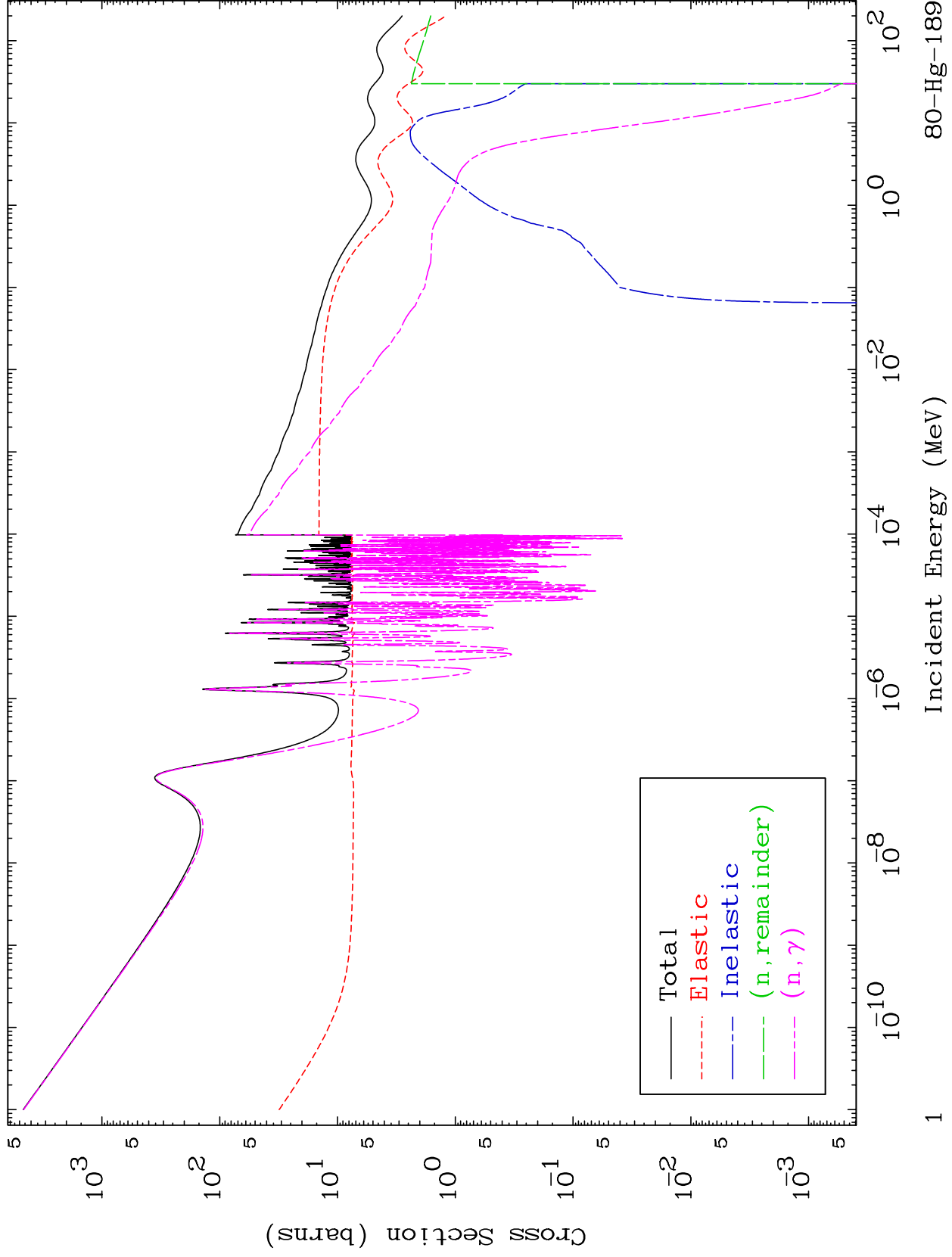
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8004

Major
293 Kelvin Cross Sections

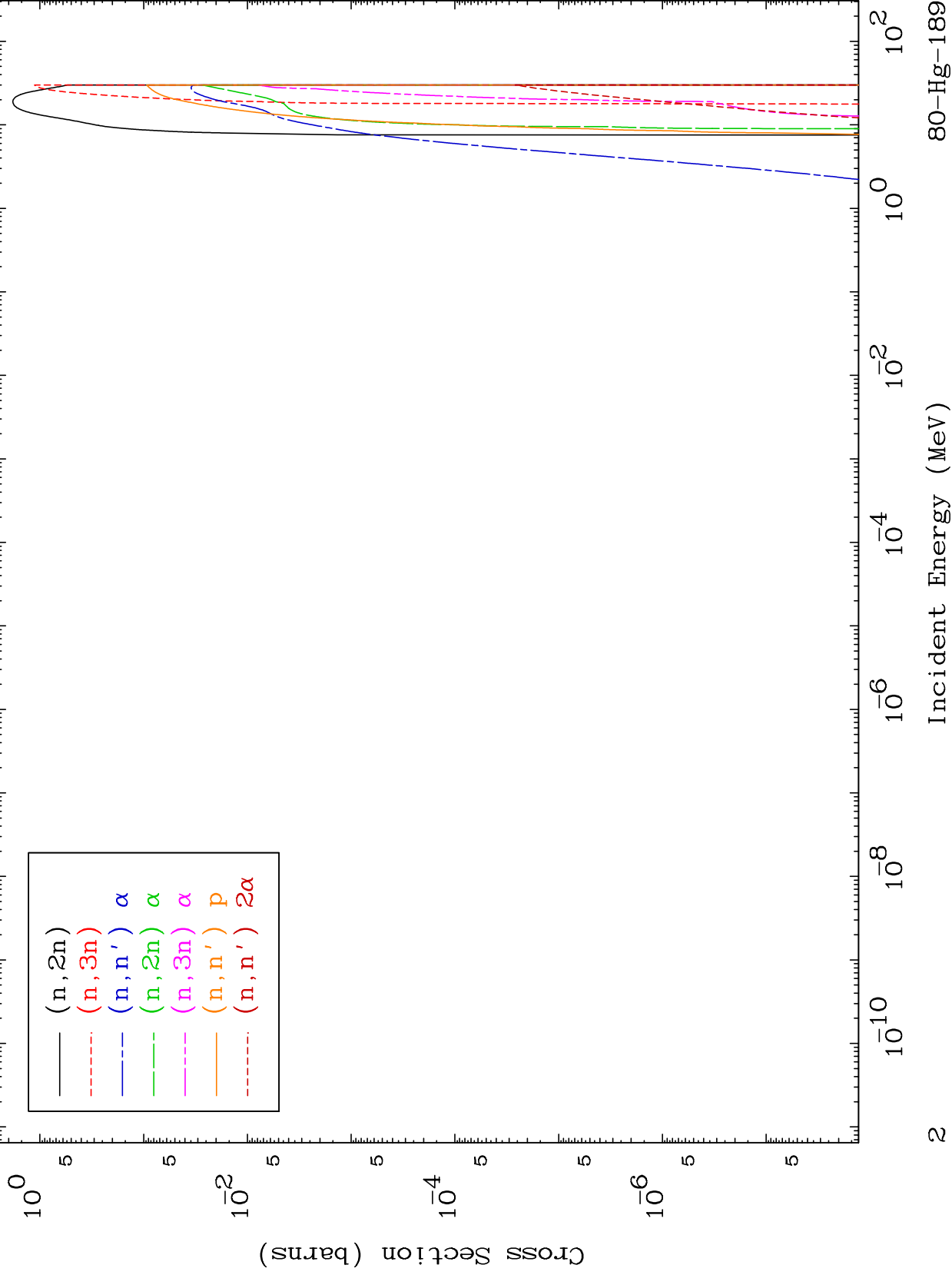
80-Hg-189



MAT 8004

Neutron Production
293 Kelvin Cross Sections

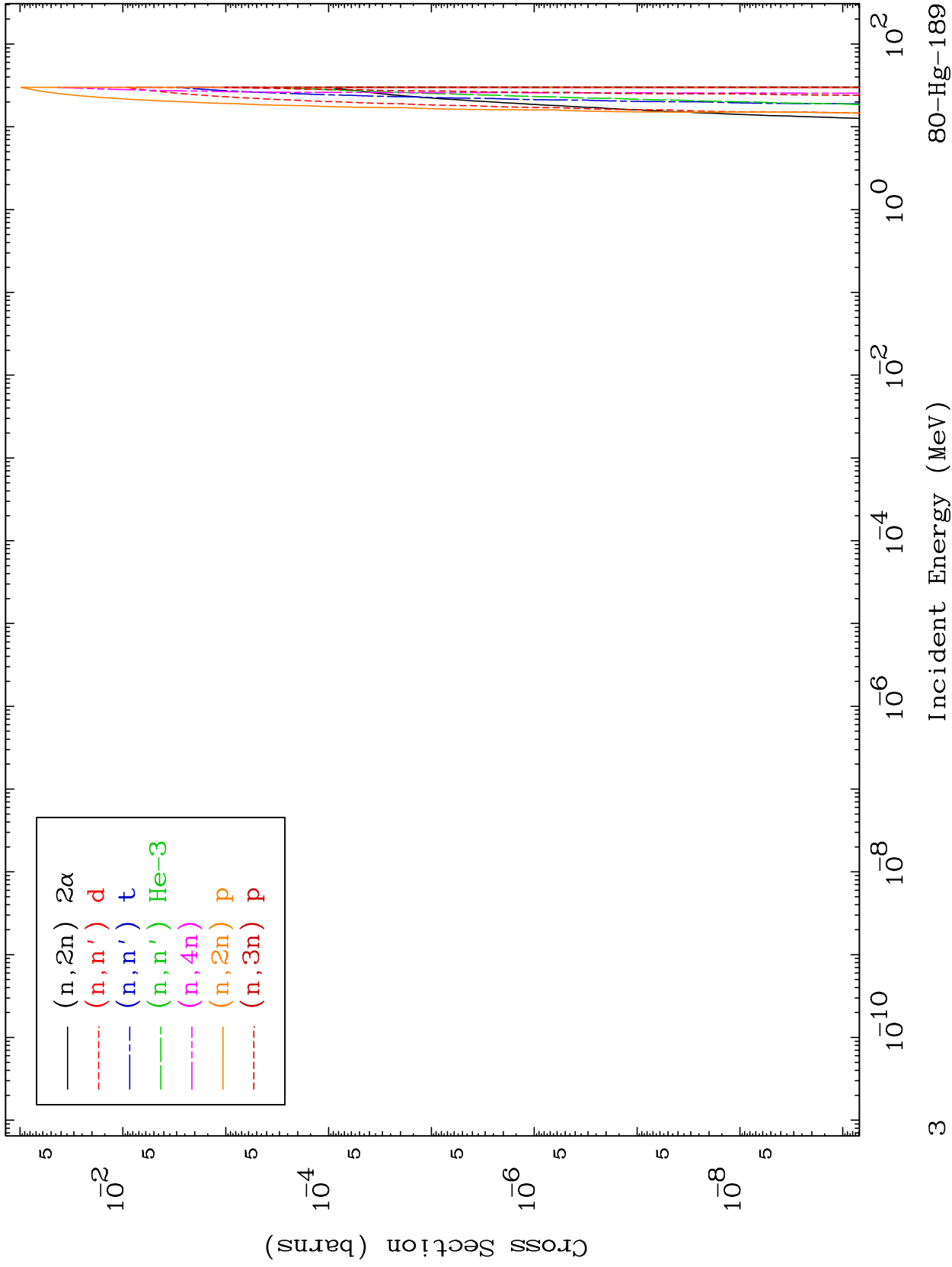
80-Hg-189



MAT 8004

Neutron Production
293 Kelvin Cross Sections

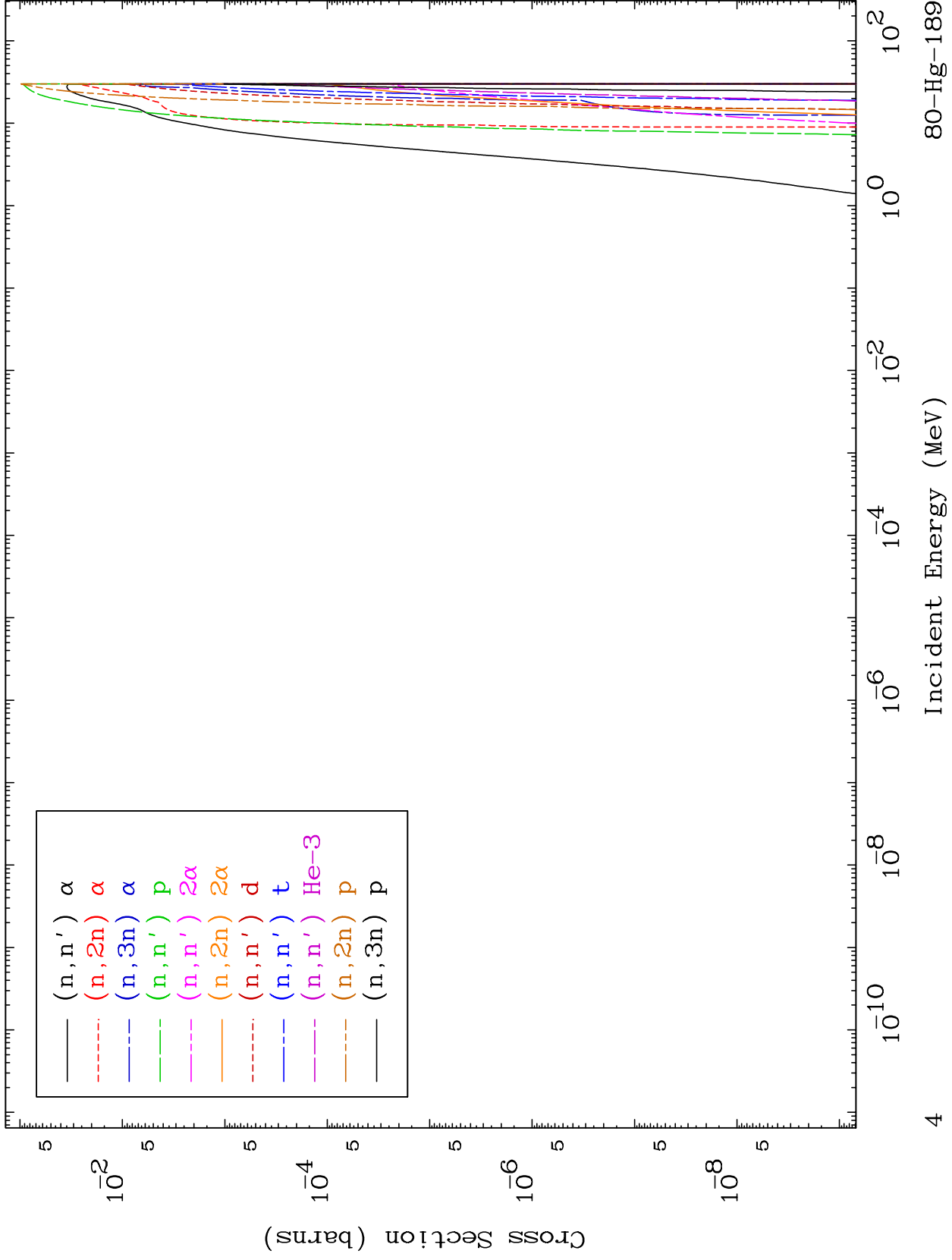
80-Hg-189



MAT 8004

Charged Particle
293 Kelvin Cross Sections

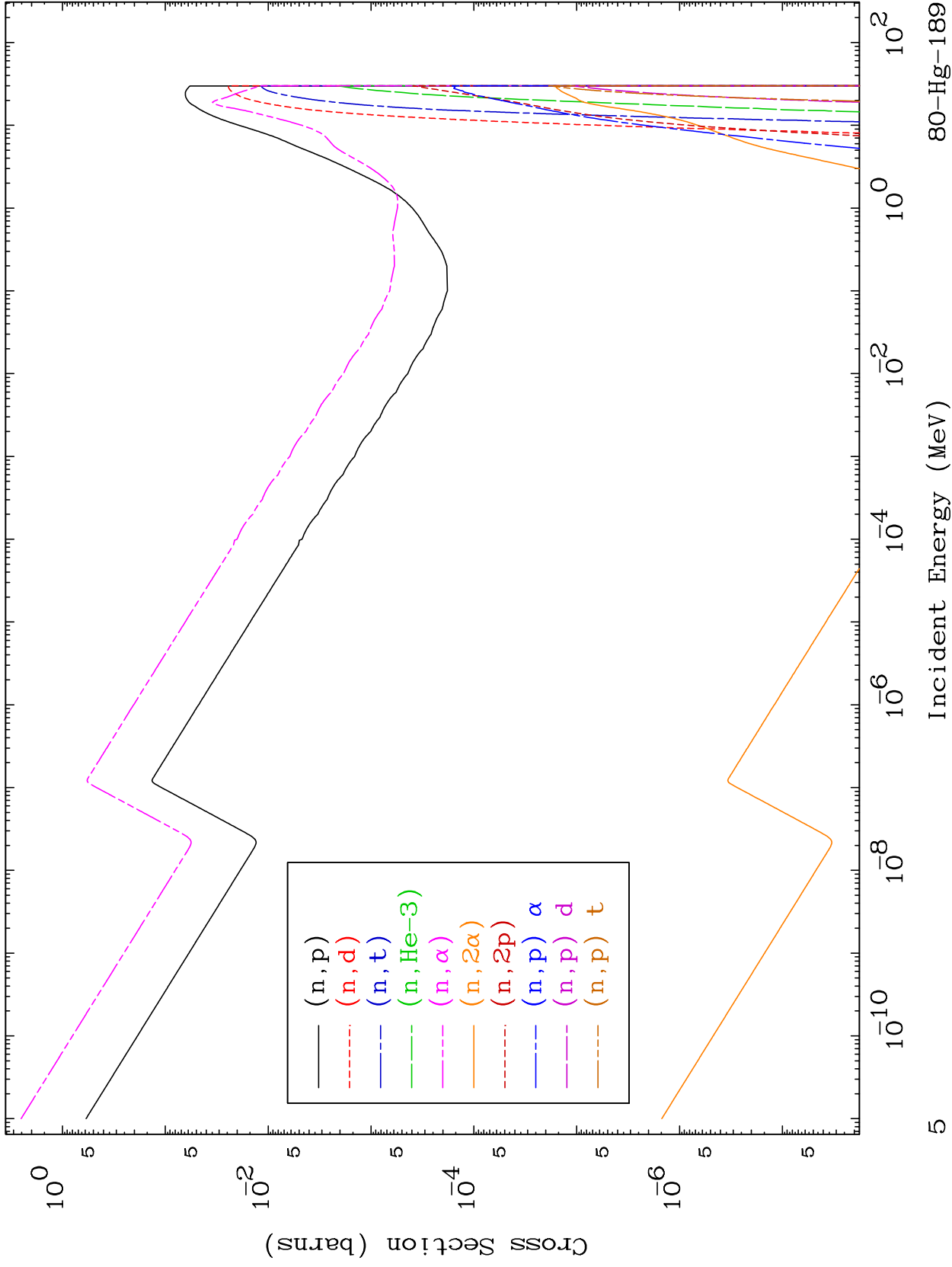
80-Hg-189



MAT 8004

Charged Particle
293 Kelvin Cross Sections

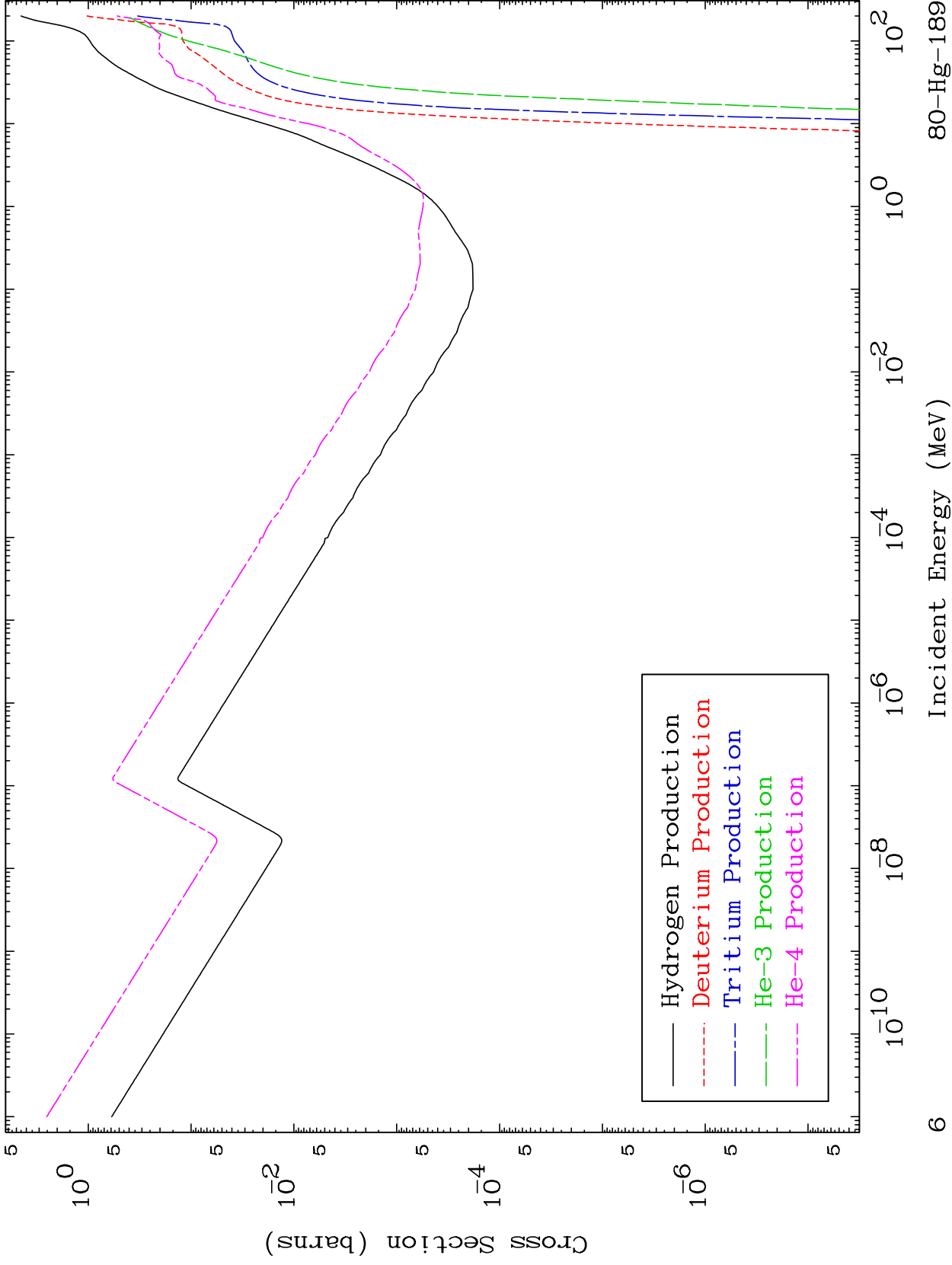
80-Hg-189



MAT 8004

Particle Production
293 Kelvin Cross Sections

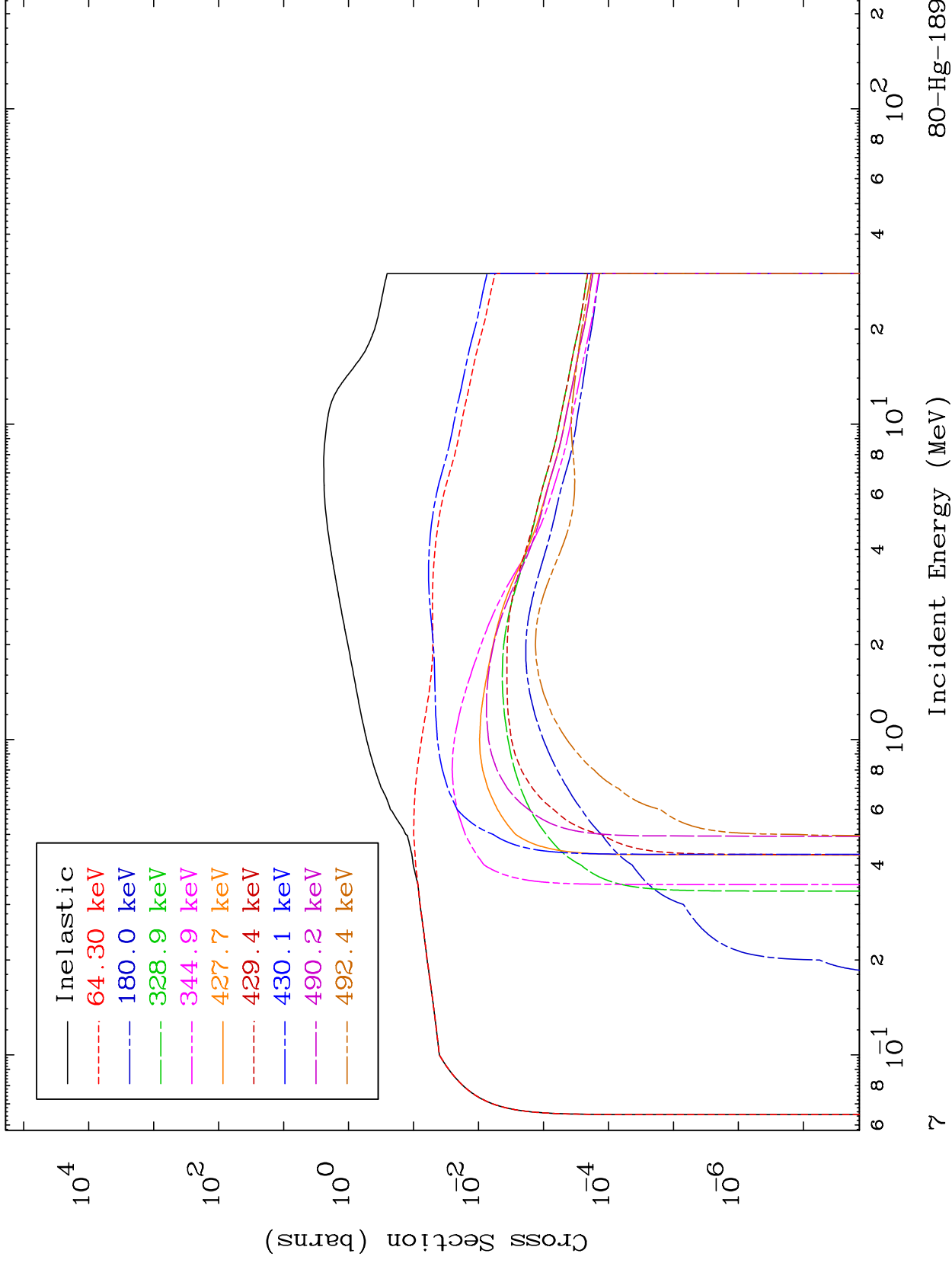
80-Hg-189



MAT 8004

(n,n') Level
293 Kelvin Cross Sections

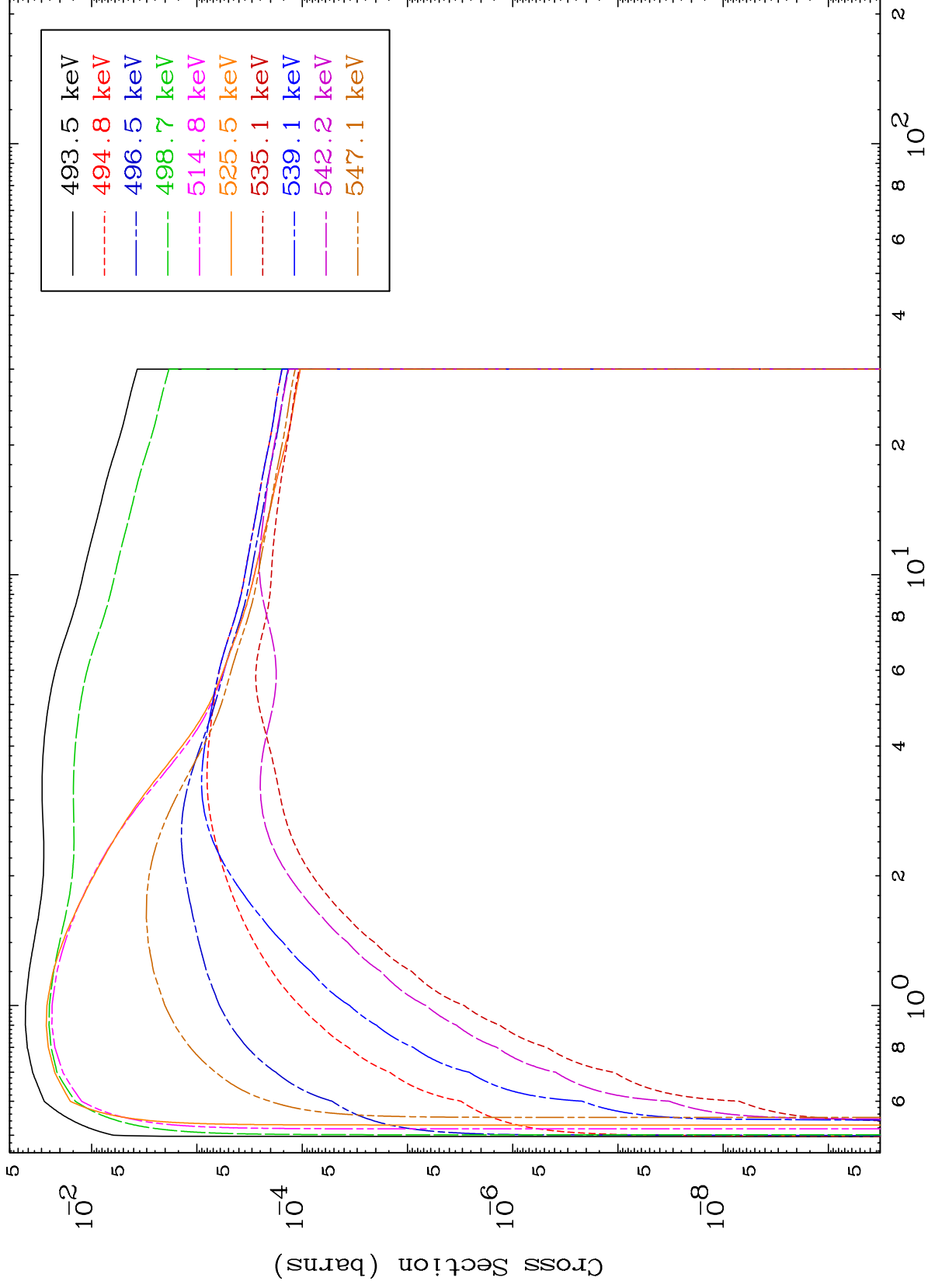
80-Hg-189



MAT 8004

(n,n') Level
293 Kelvin Cross Sections

80-Hg-189



8

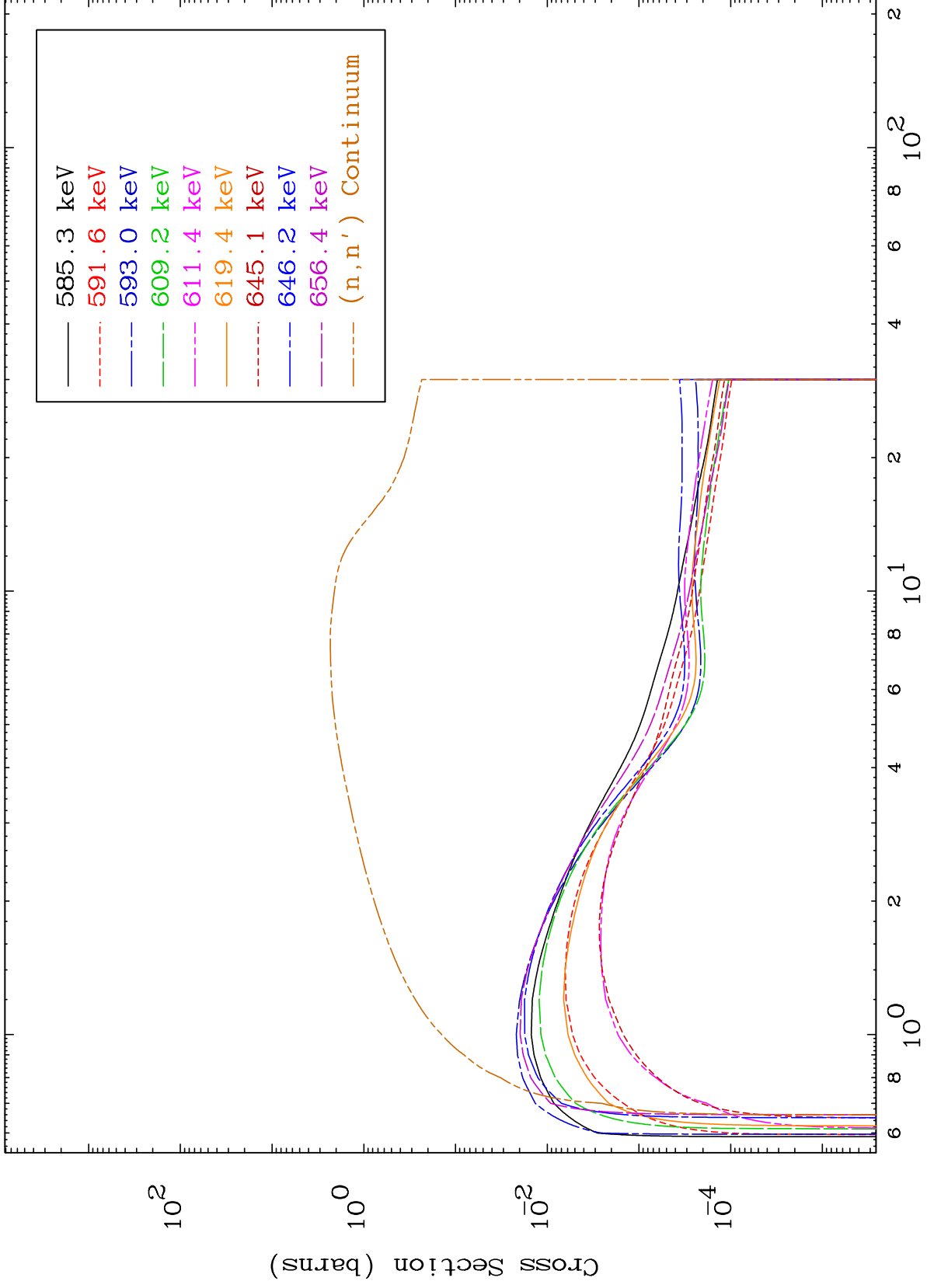
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,n') Level
293 Kelvin Cross Sections

80-Hg-189



9

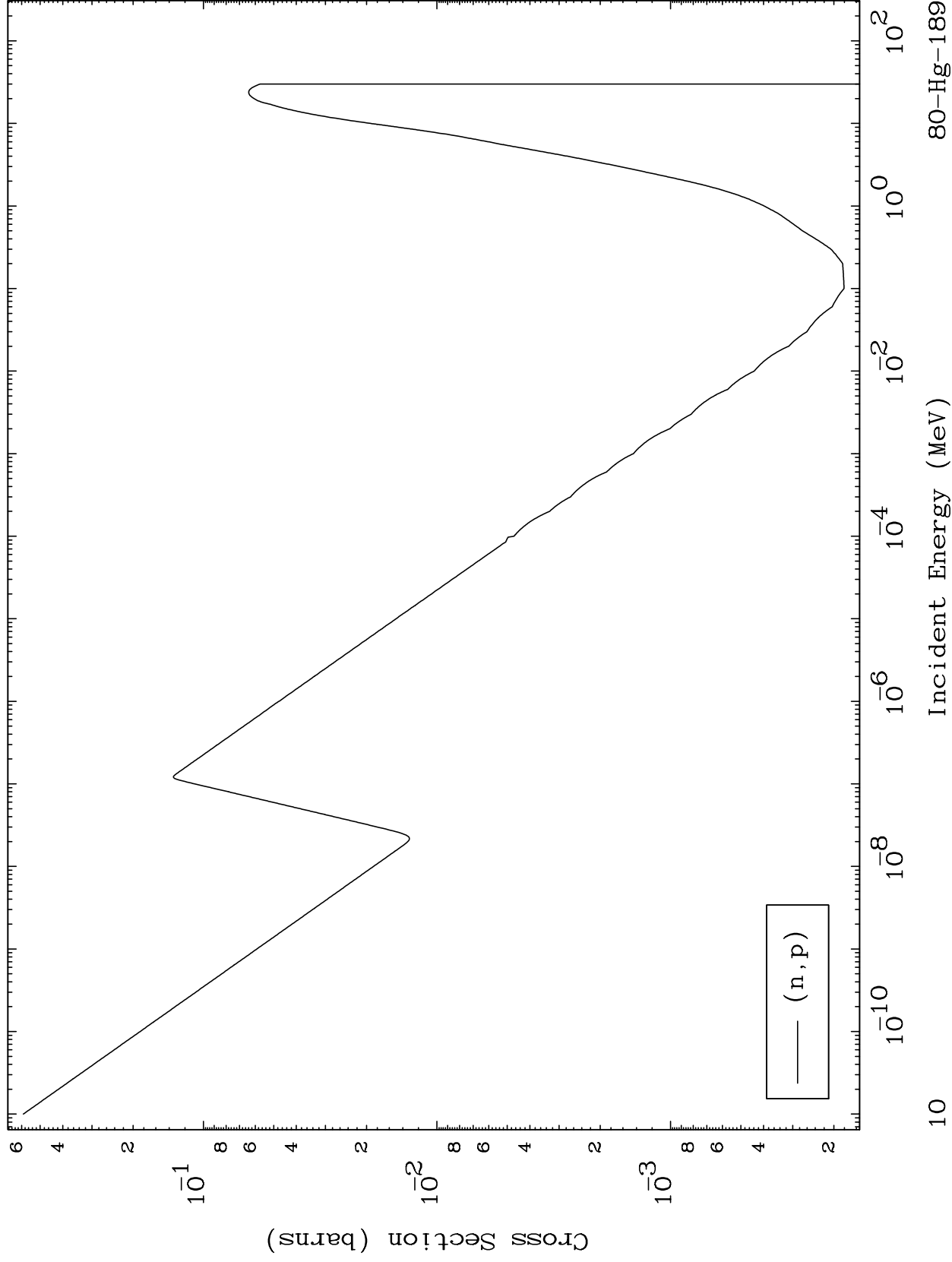
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,p) Levels
293 Kelvin Cross Sections

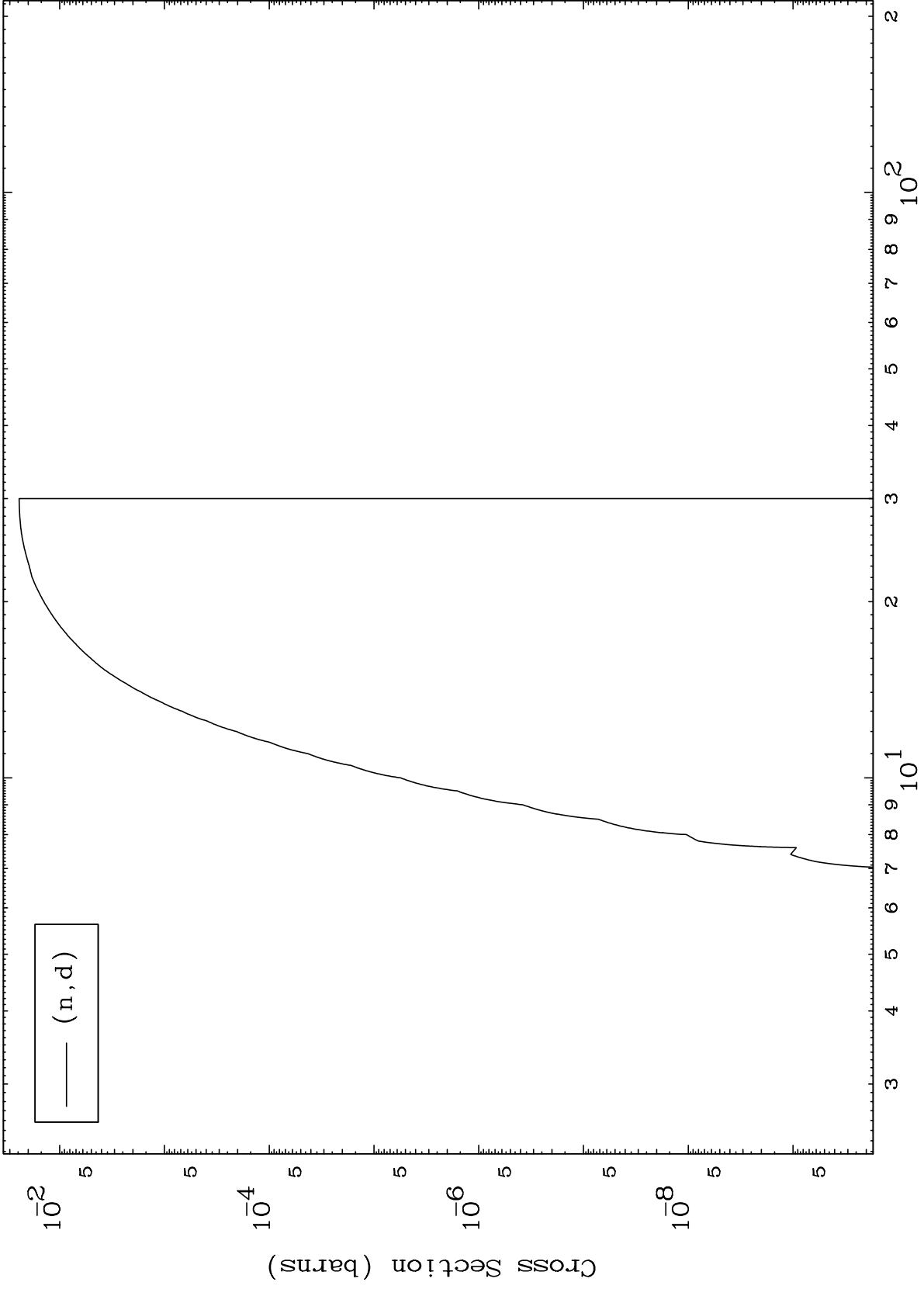
80-Hg-189



MAT 8004

(n,d) Levels
293 Kelvin Cross Sections

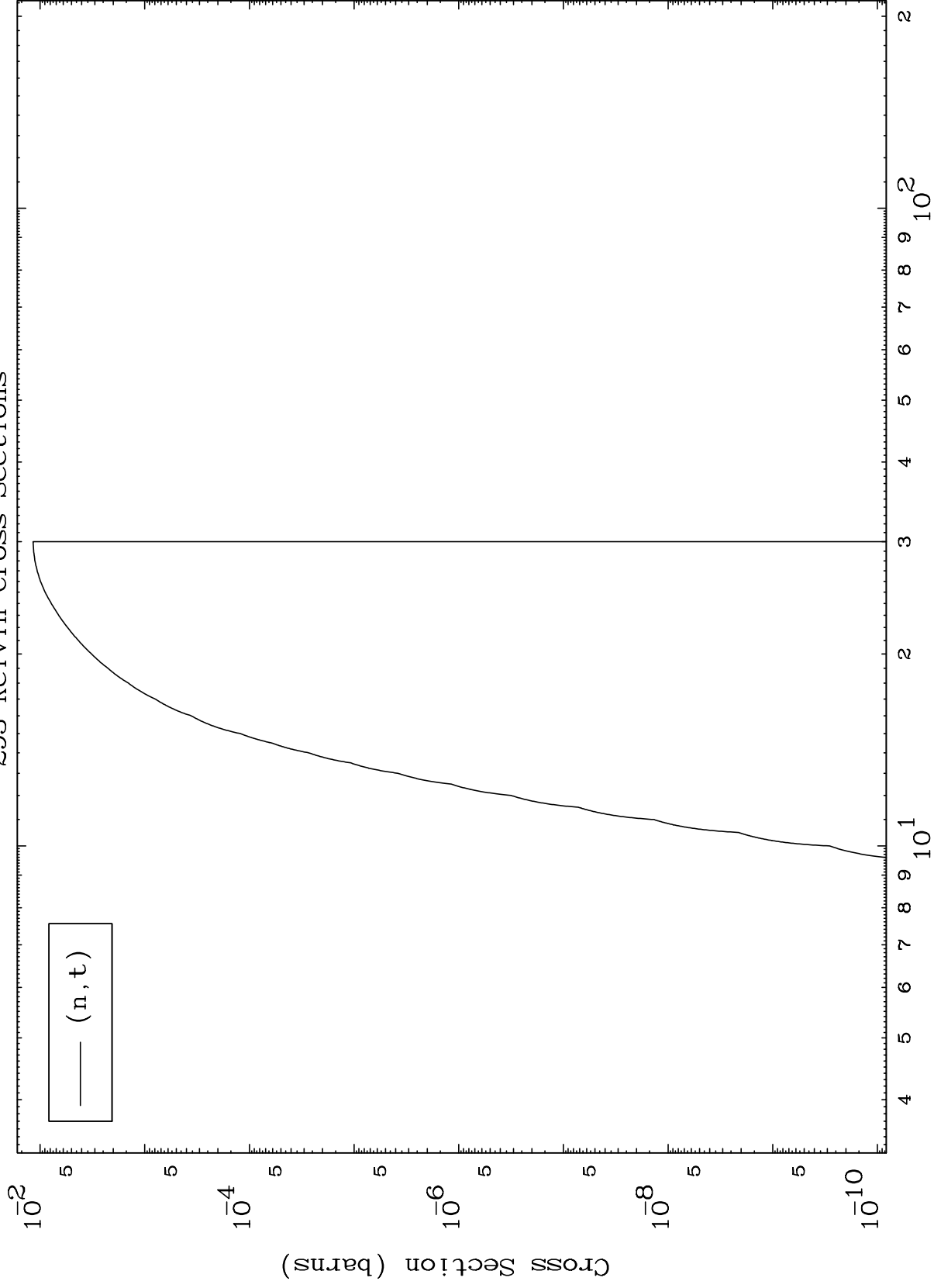
80-Hg-189



MAT 8004

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-189



12

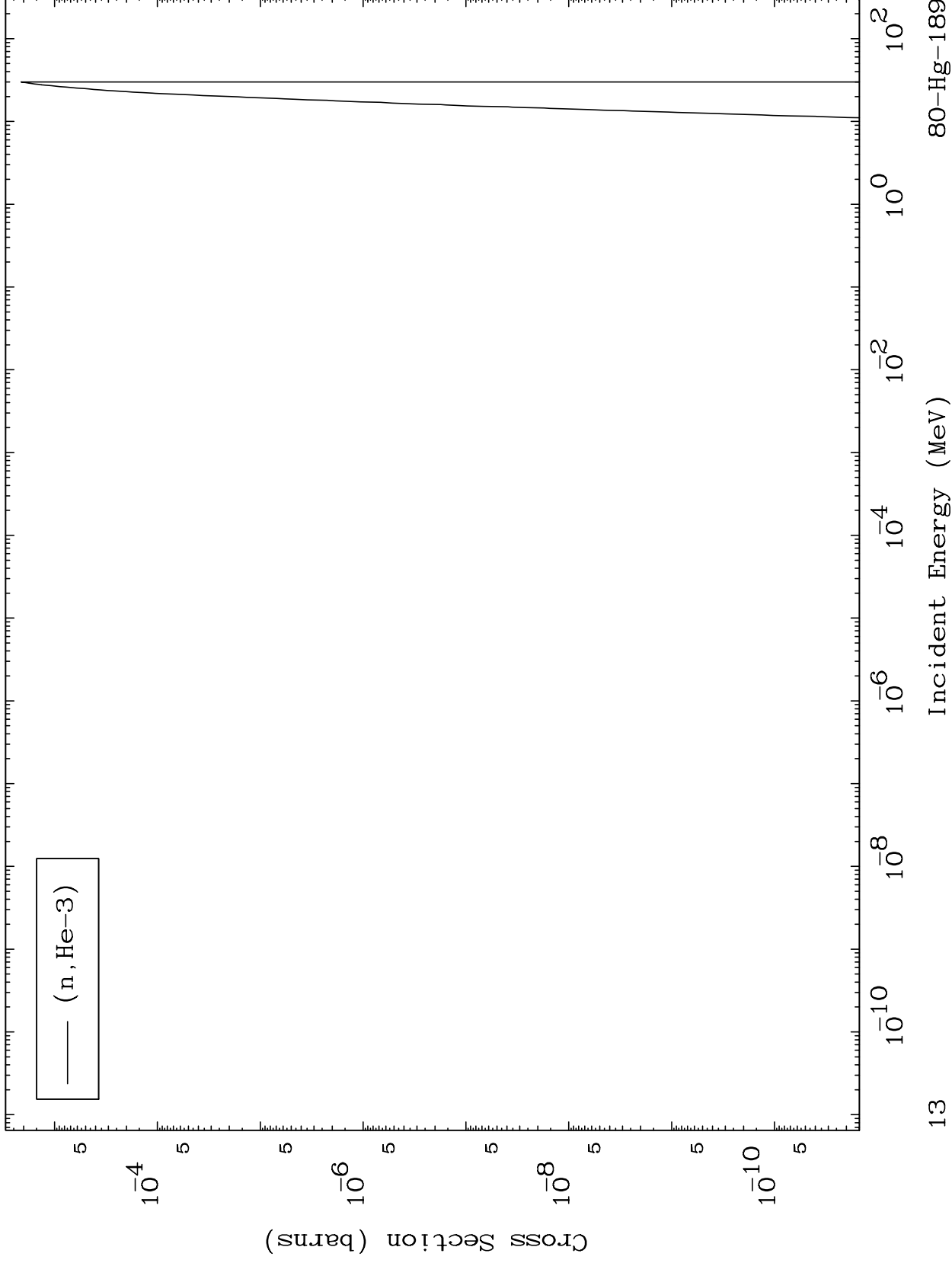
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,He3) Levels
293 Kelvin Cross Sections

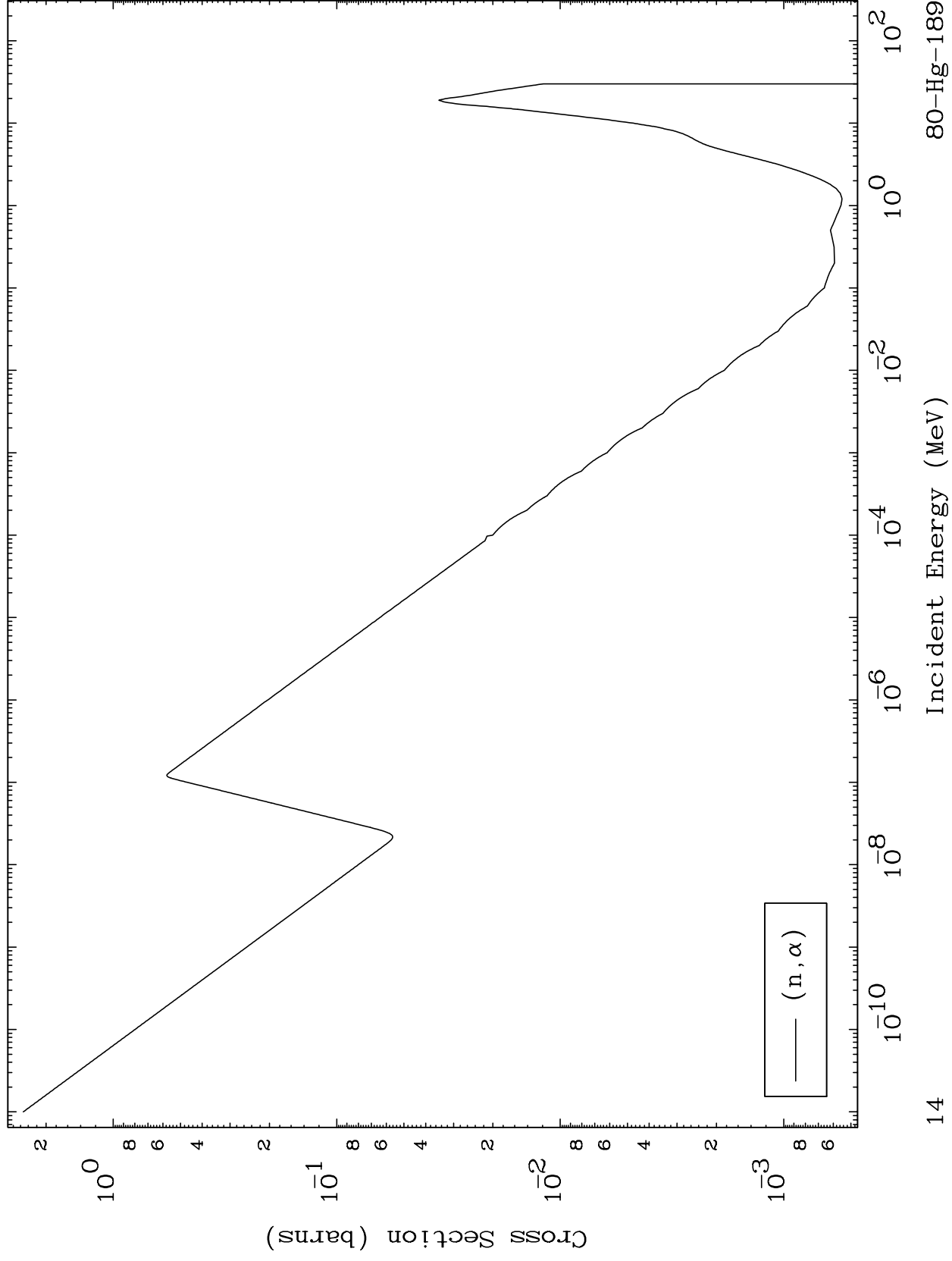
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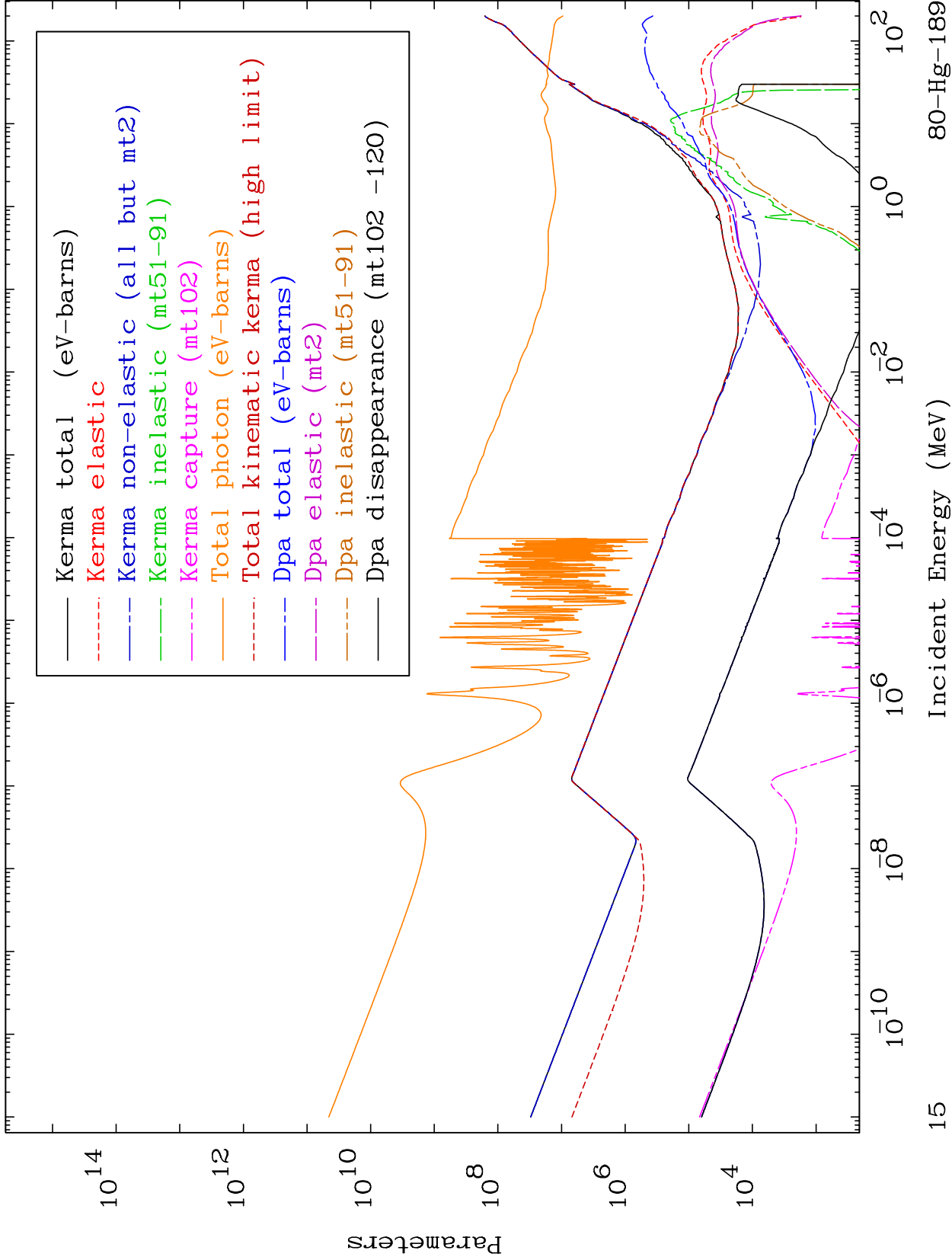


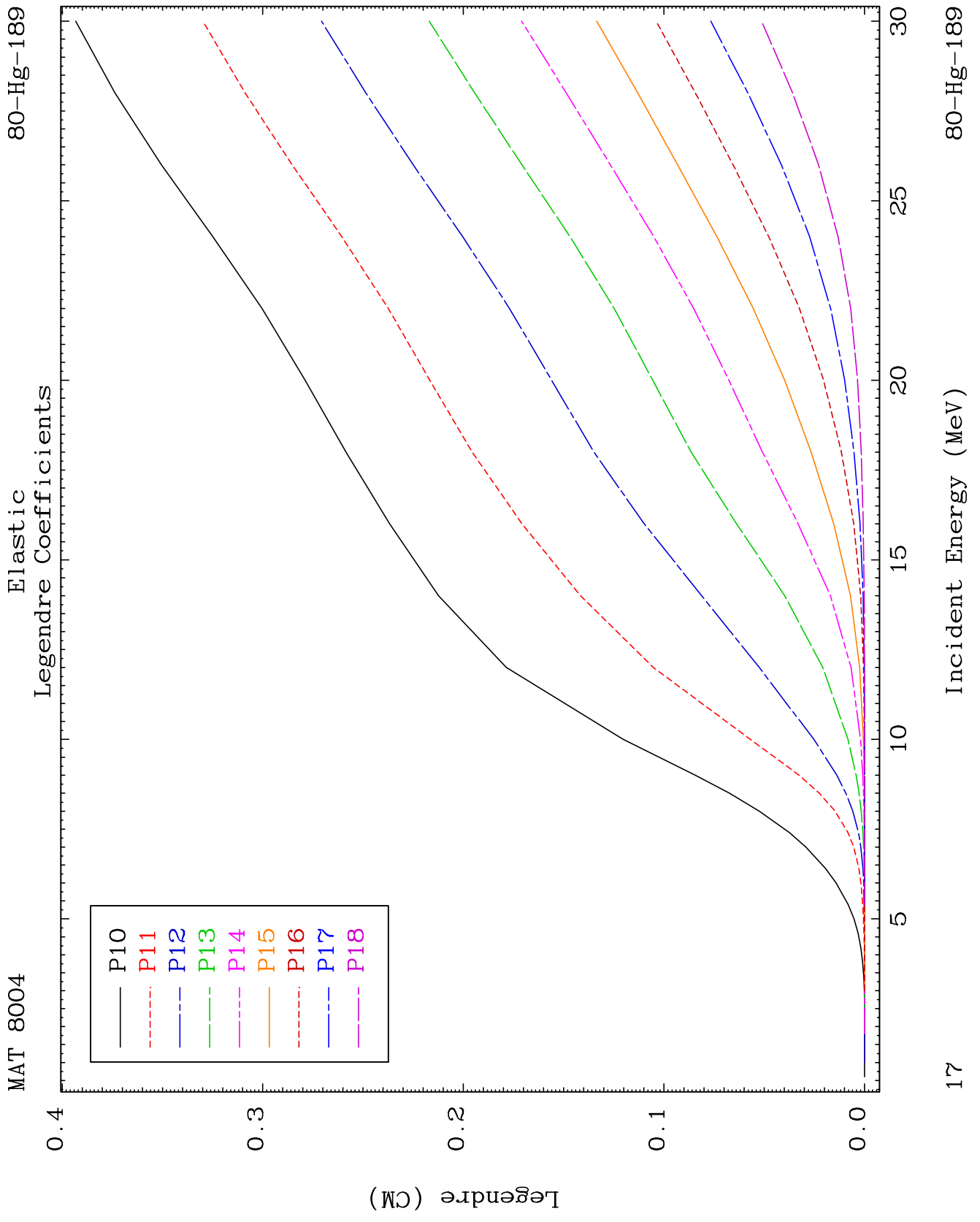
MAT 8004

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-189



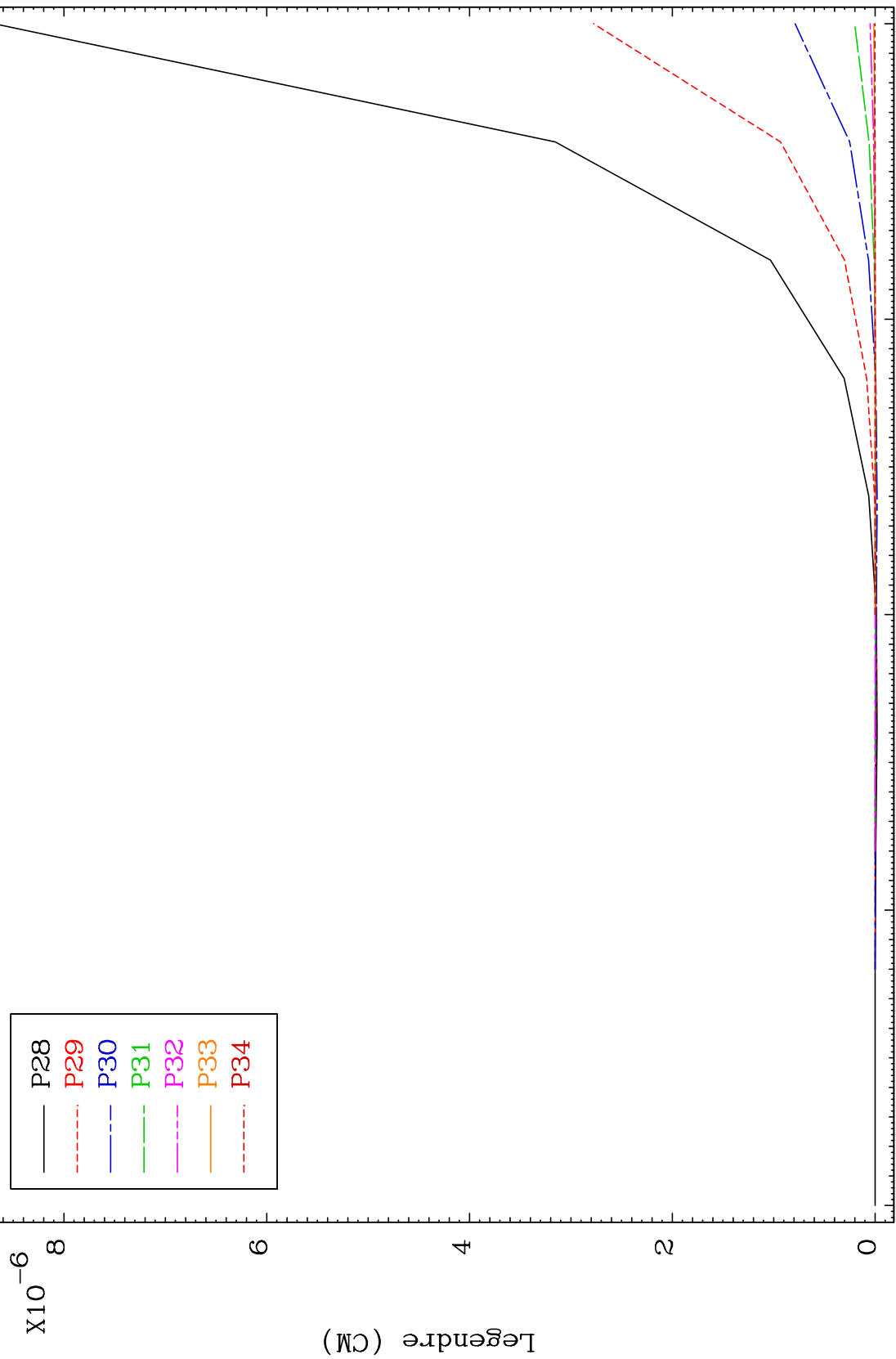
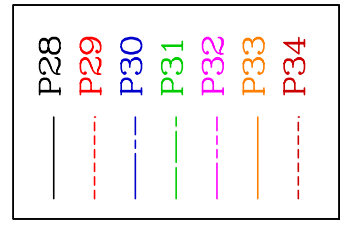




MAT 8004

Elastic Legendre Coefficients

80-Hg-189



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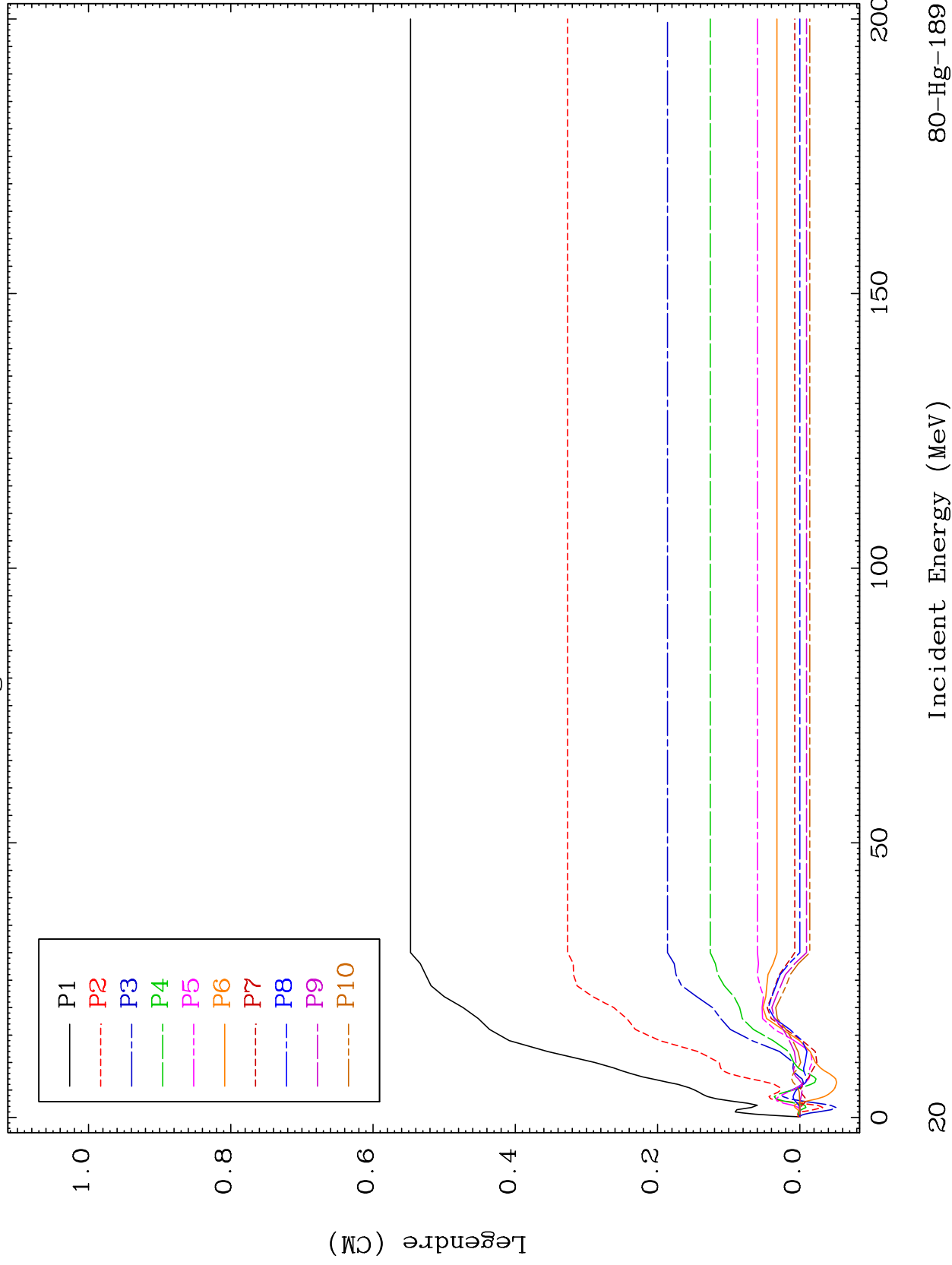
Incident Energy (MeV)

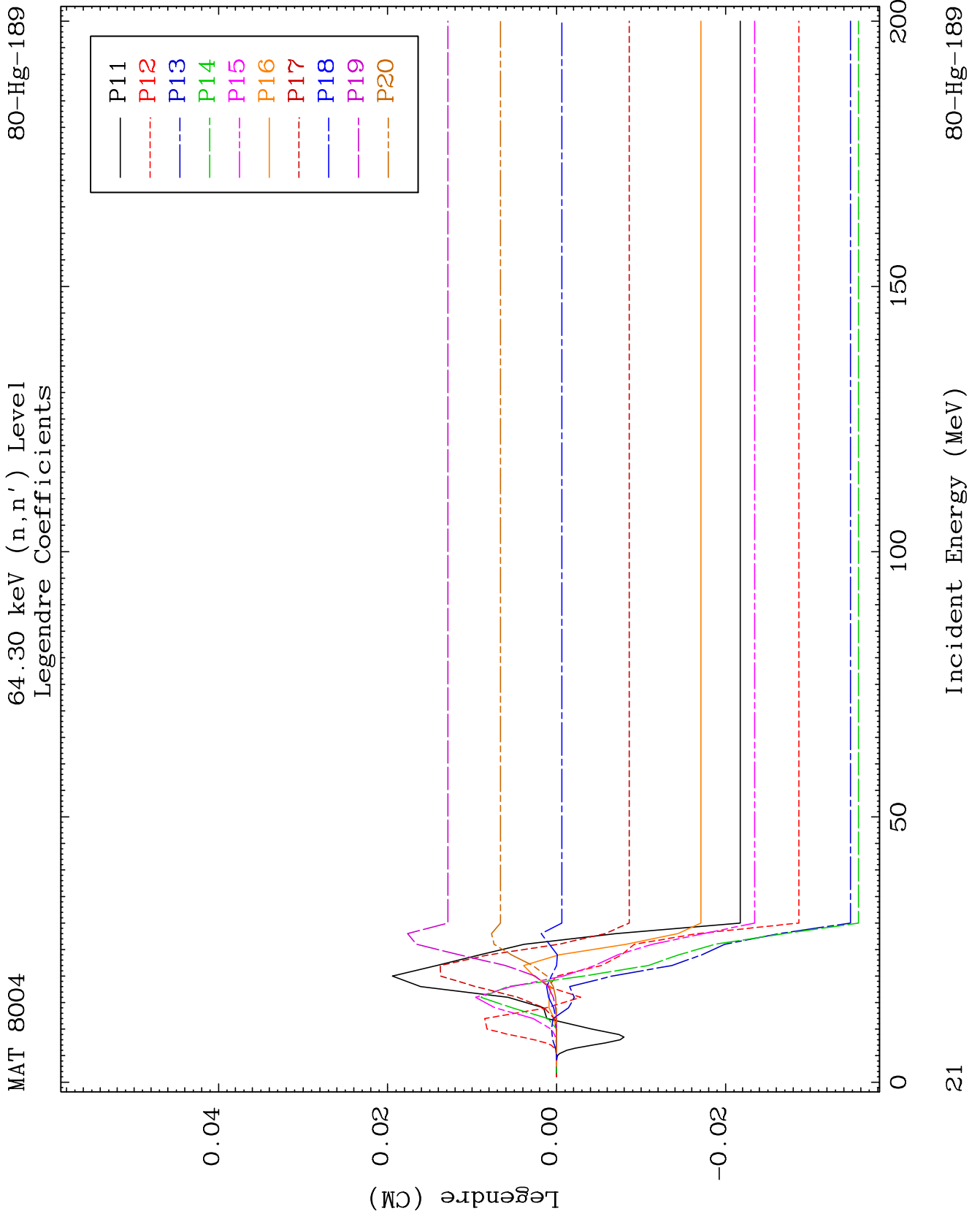
80-Hg-189

MAT 8004

64.30 keV (n,n') Level
Legendre Coefficients

80-Hg-189

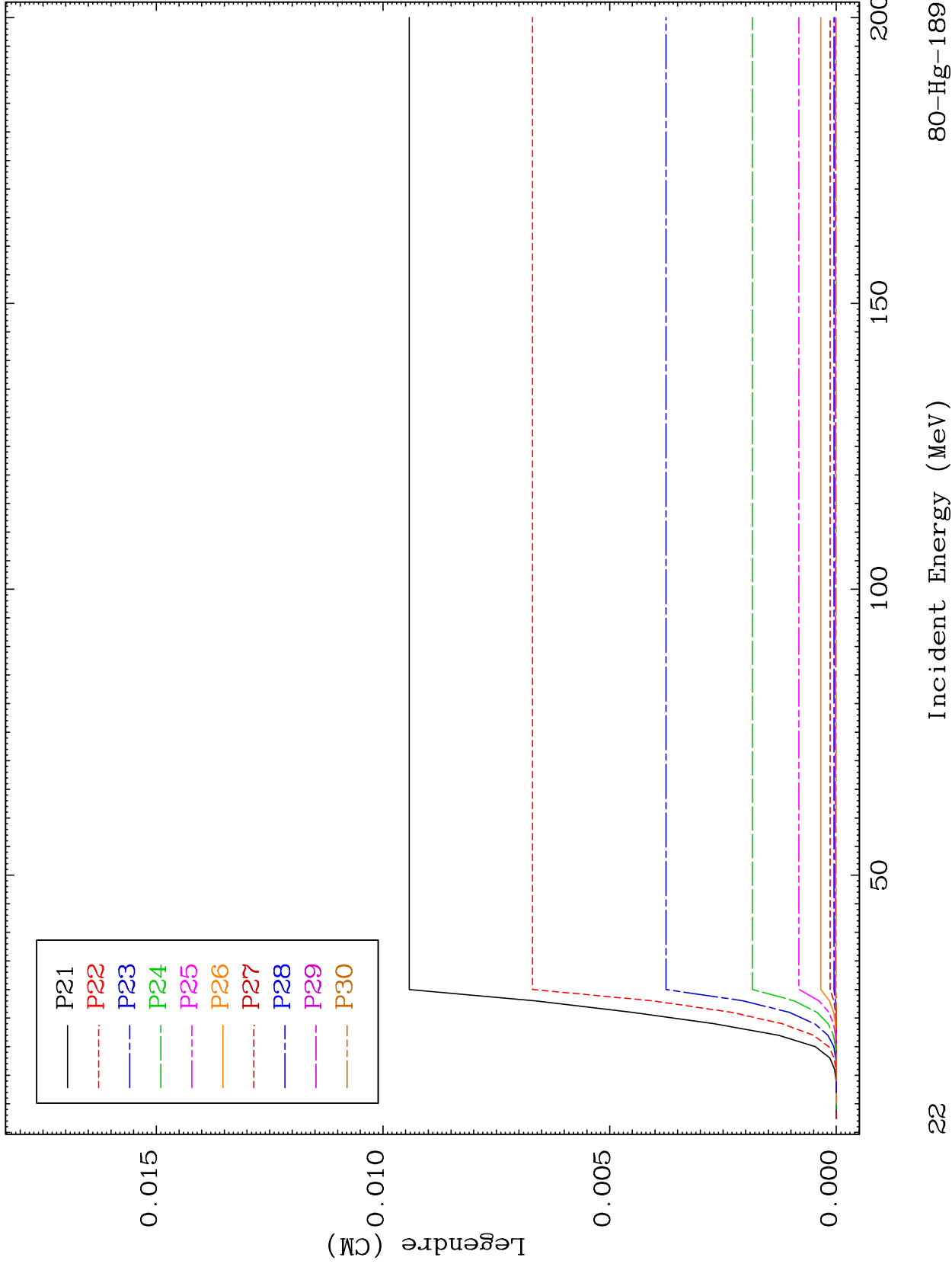




MAT 8004

64.30 keV (n,n') Level
Legendre Coefficients

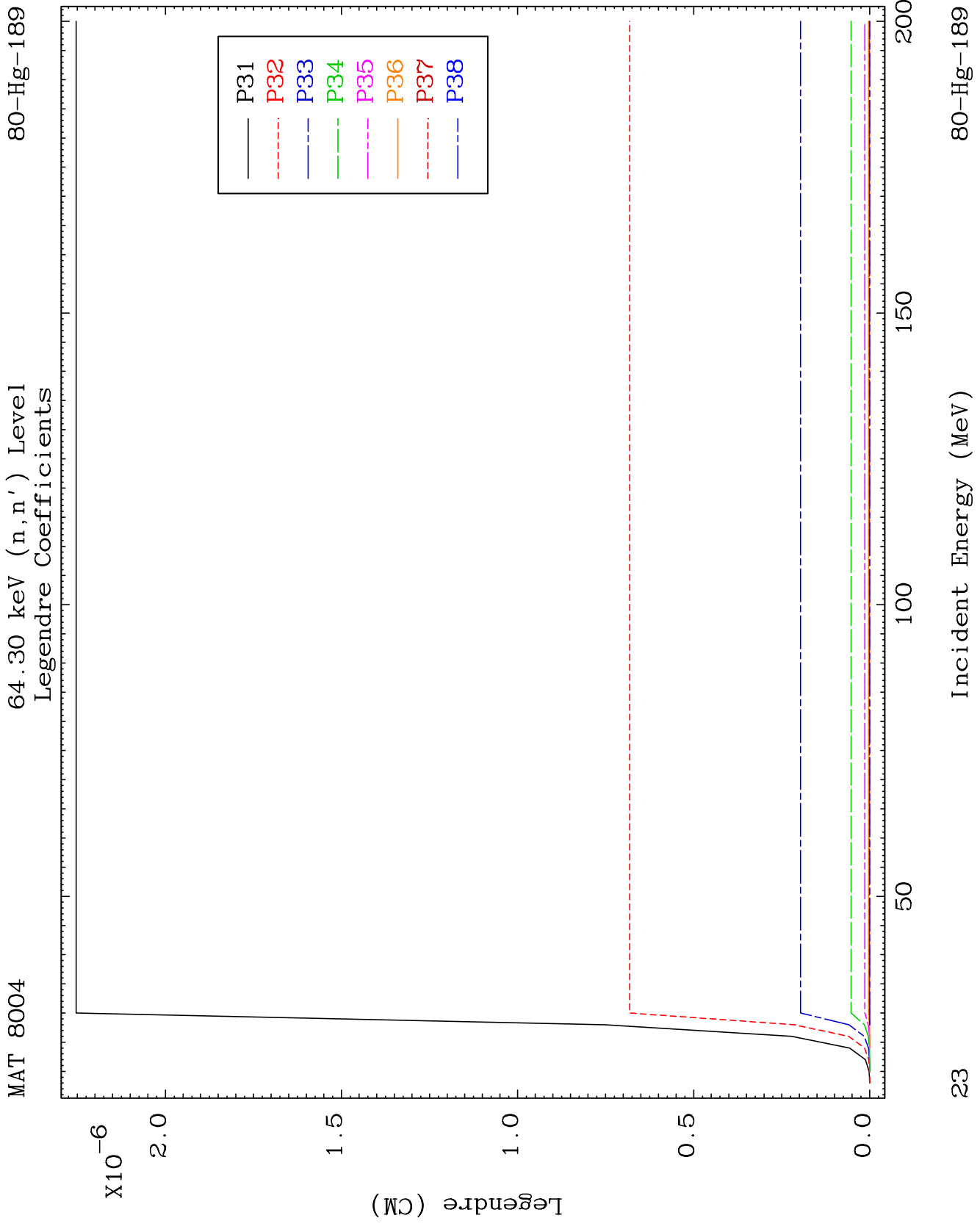
80-Hg-189

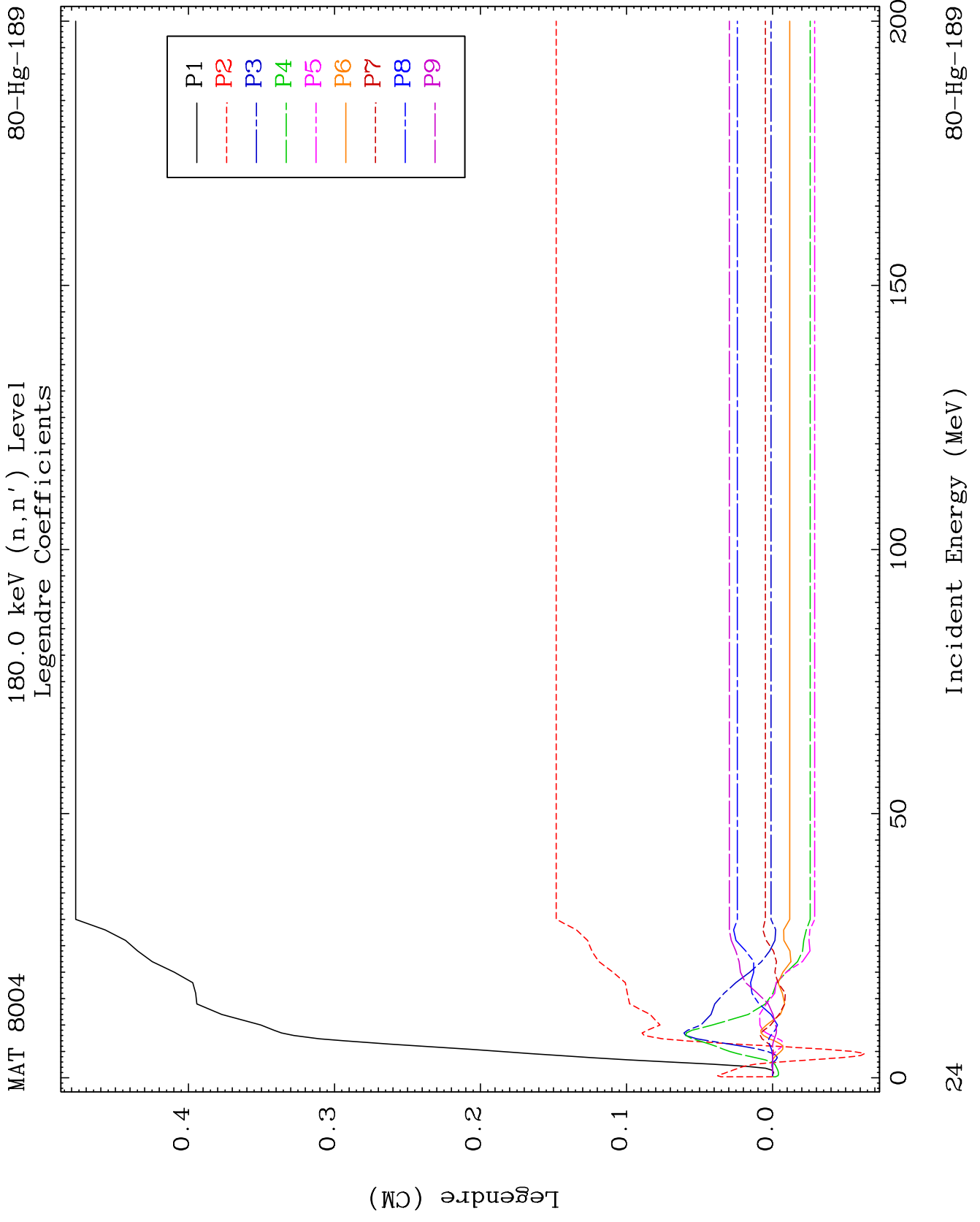


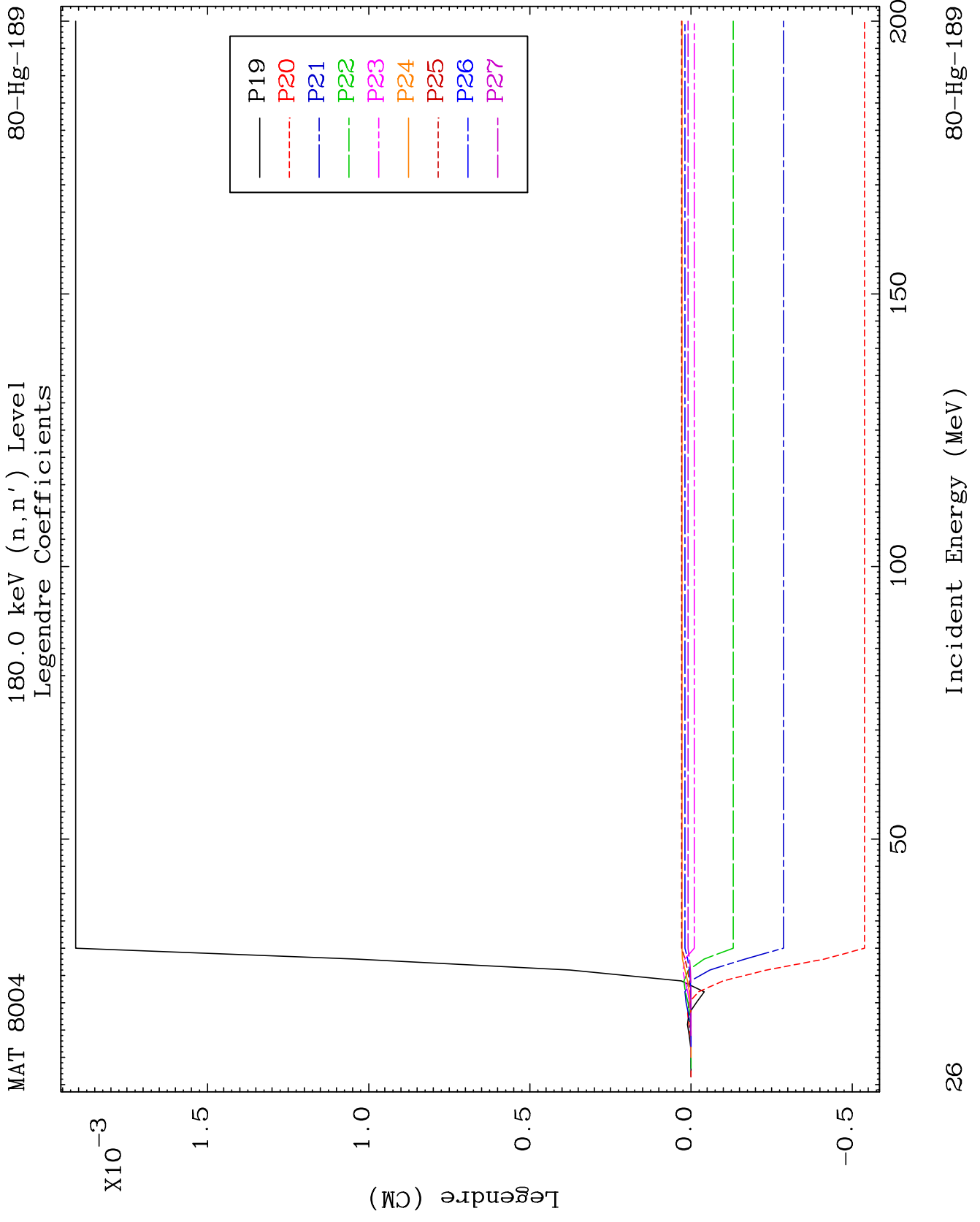
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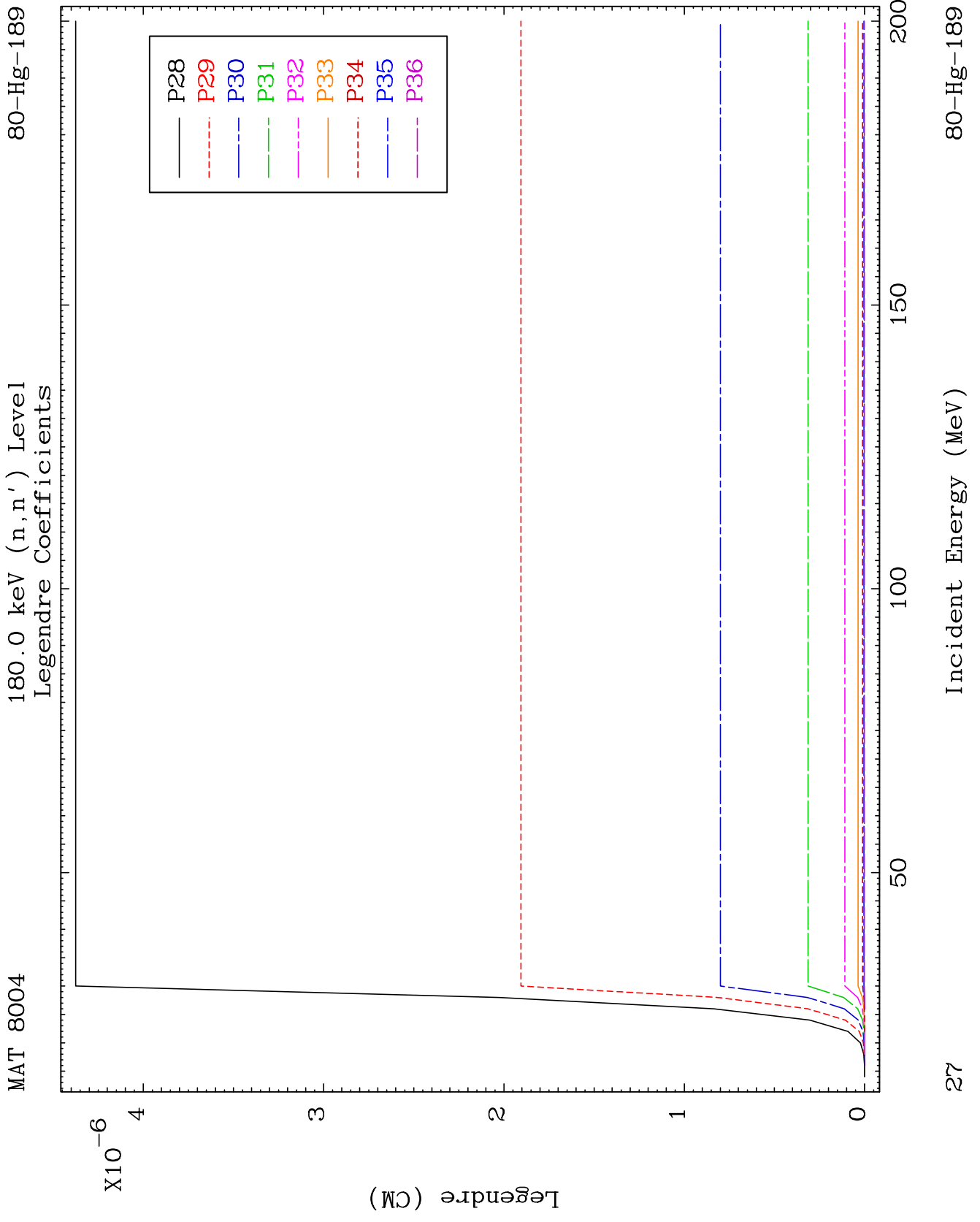
Incident Energy (MeV)

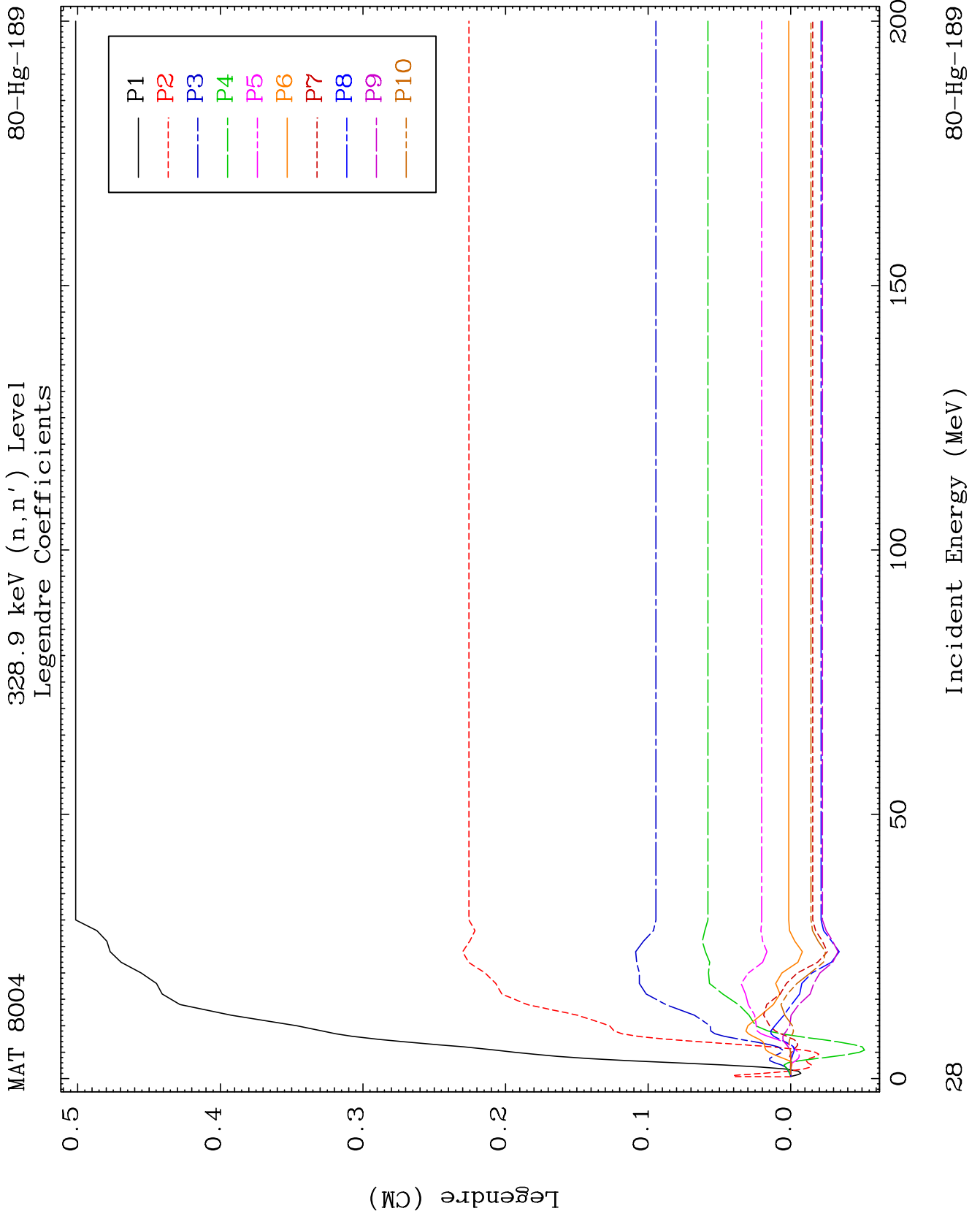
80-Hg-189







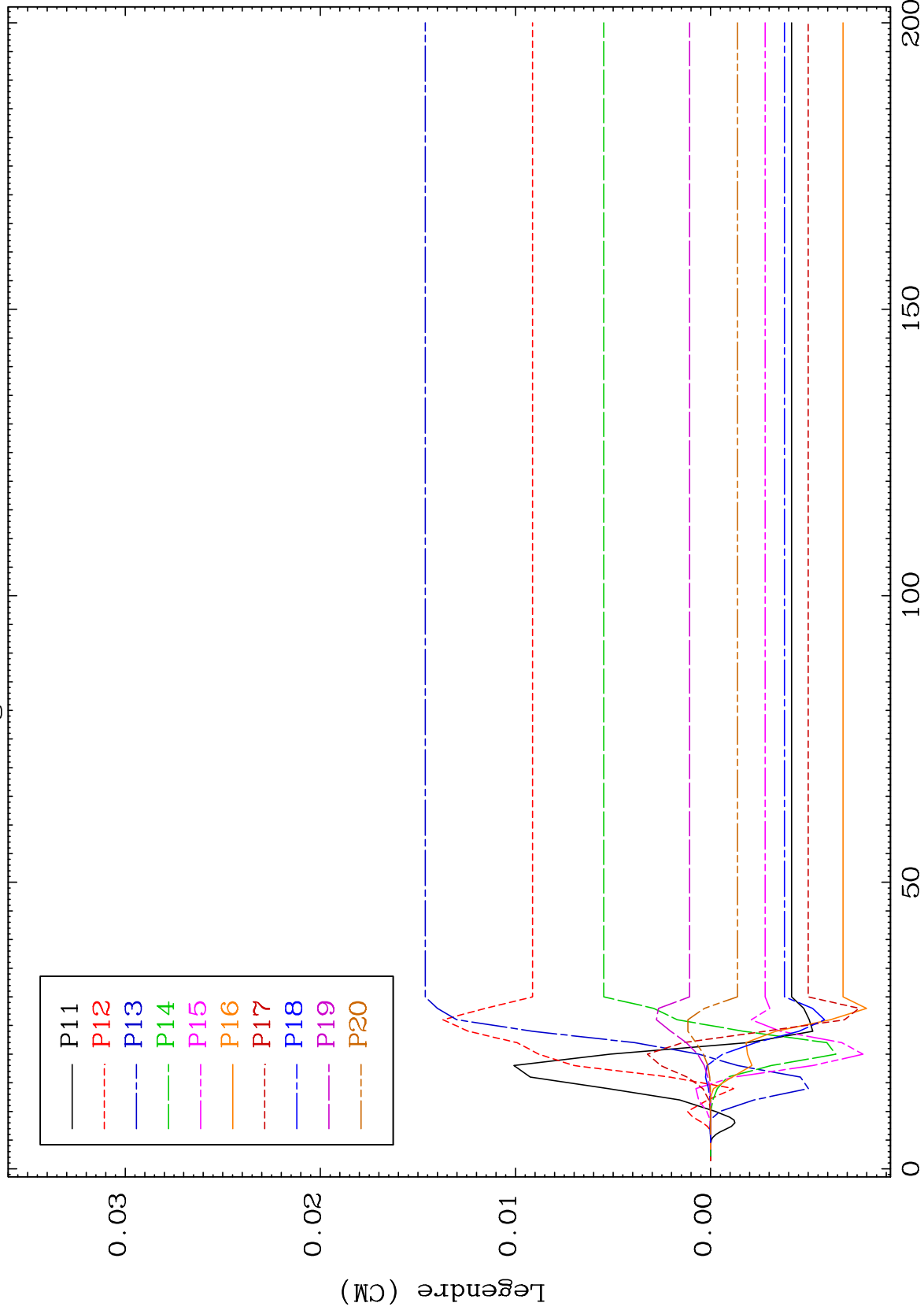




MAT 8004

328.9 keV (n,n') Level
Legendre Coefficients

80-Hg-189



29

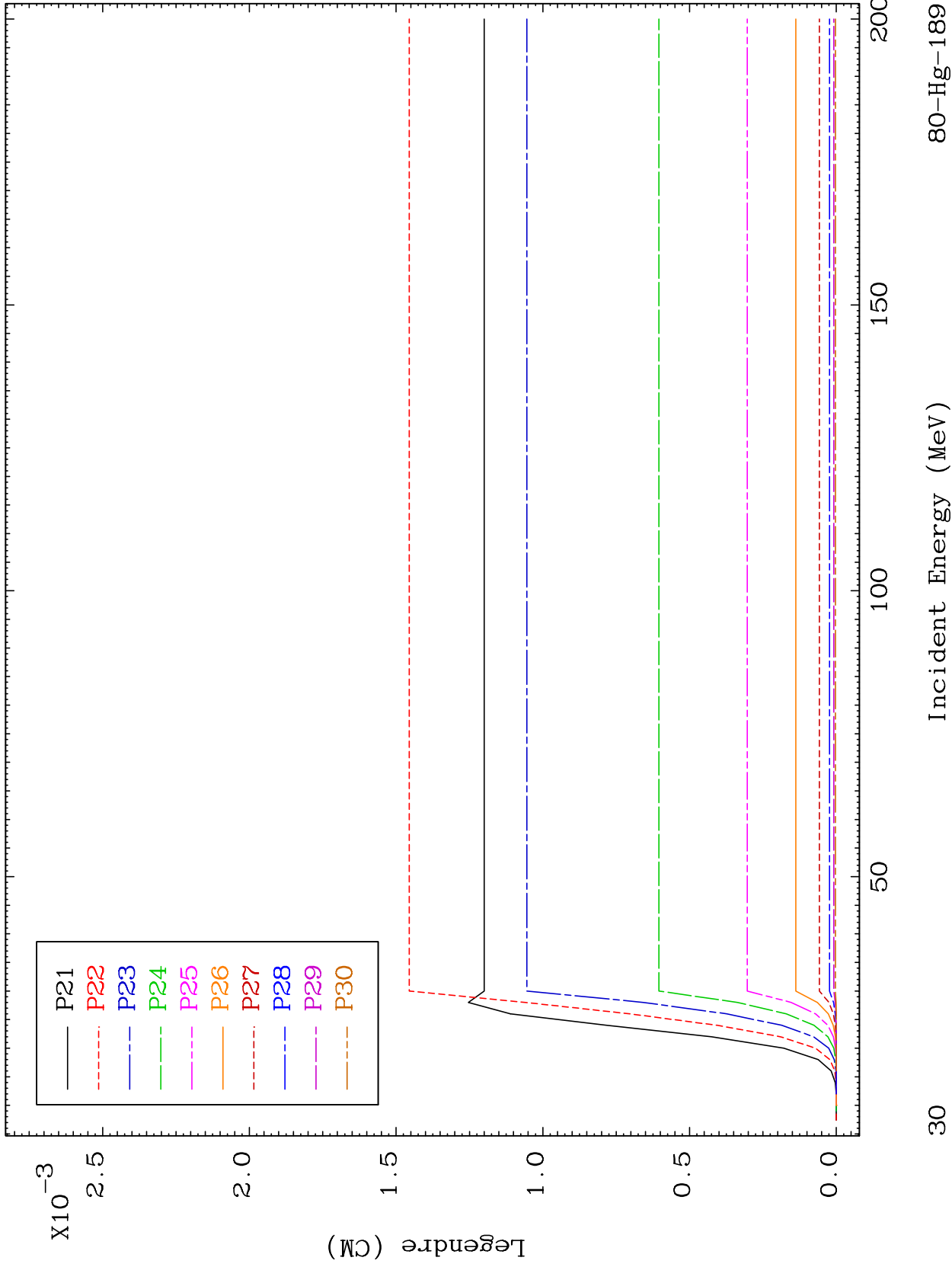
Incident Energy (MeV)

80-Hg-189

MAT 8004

328.9 keV (n,n') Level
Legendre Coefficients

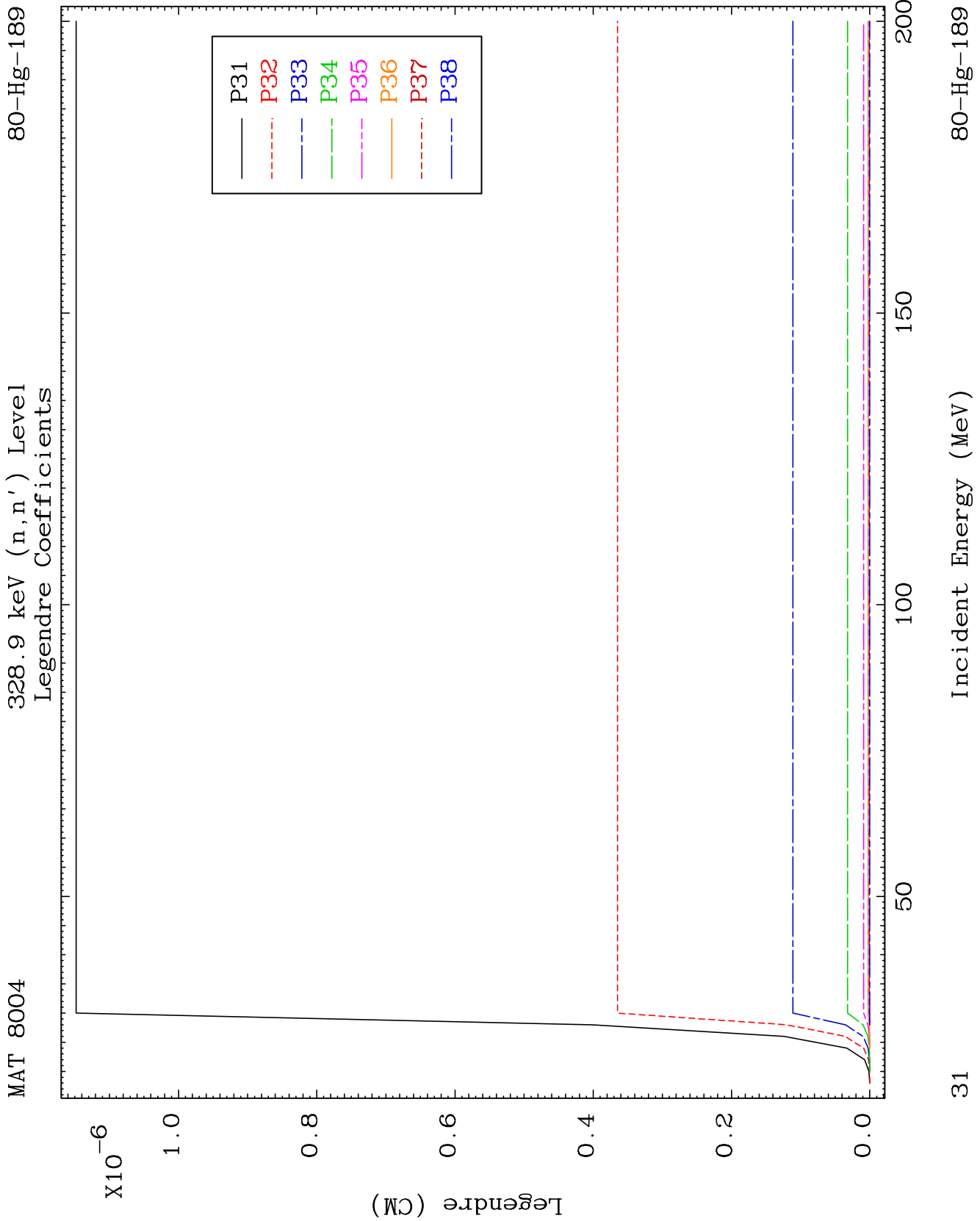
80-Hg-189

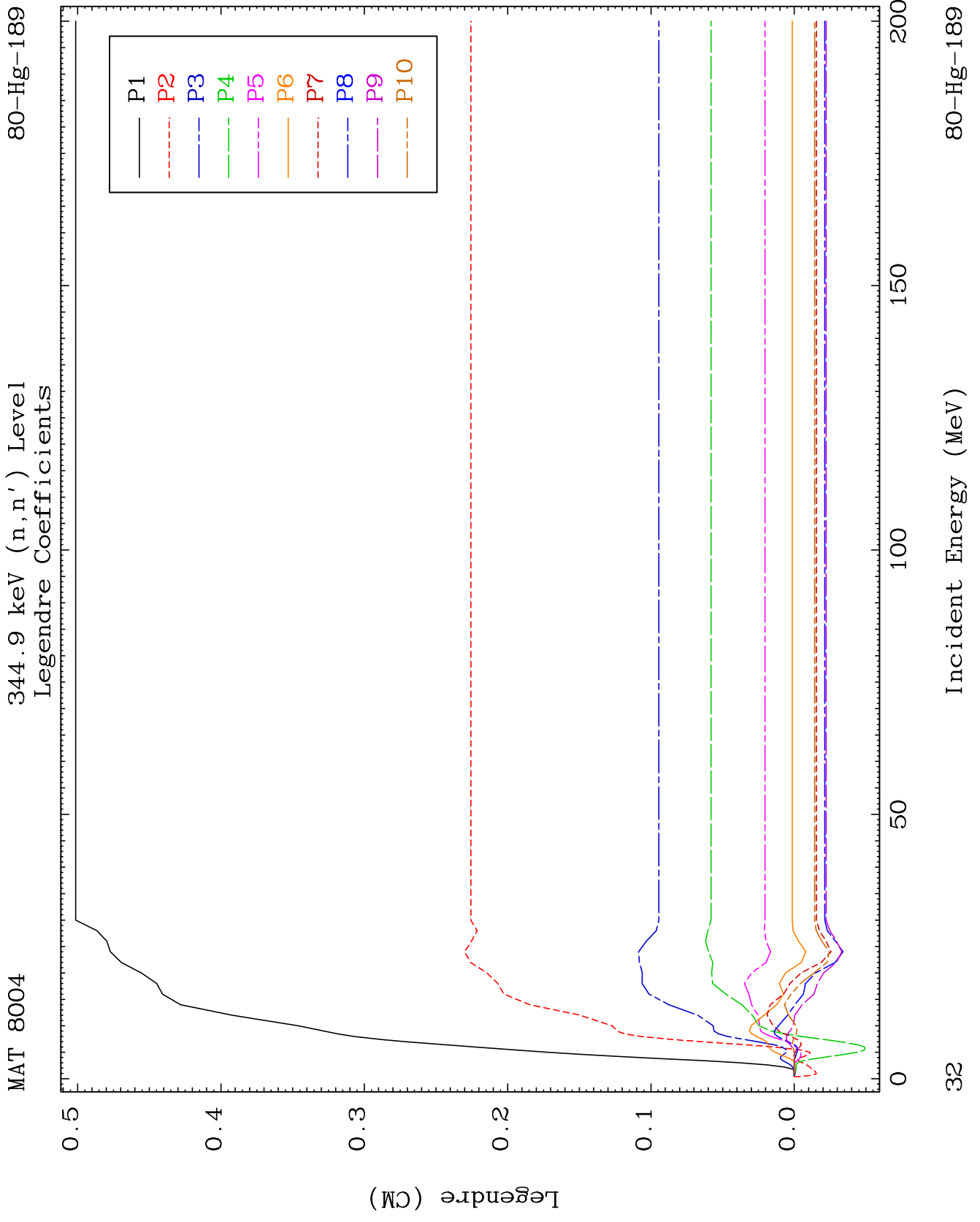


30

Incident Energy (MeV)

80-Hg-189

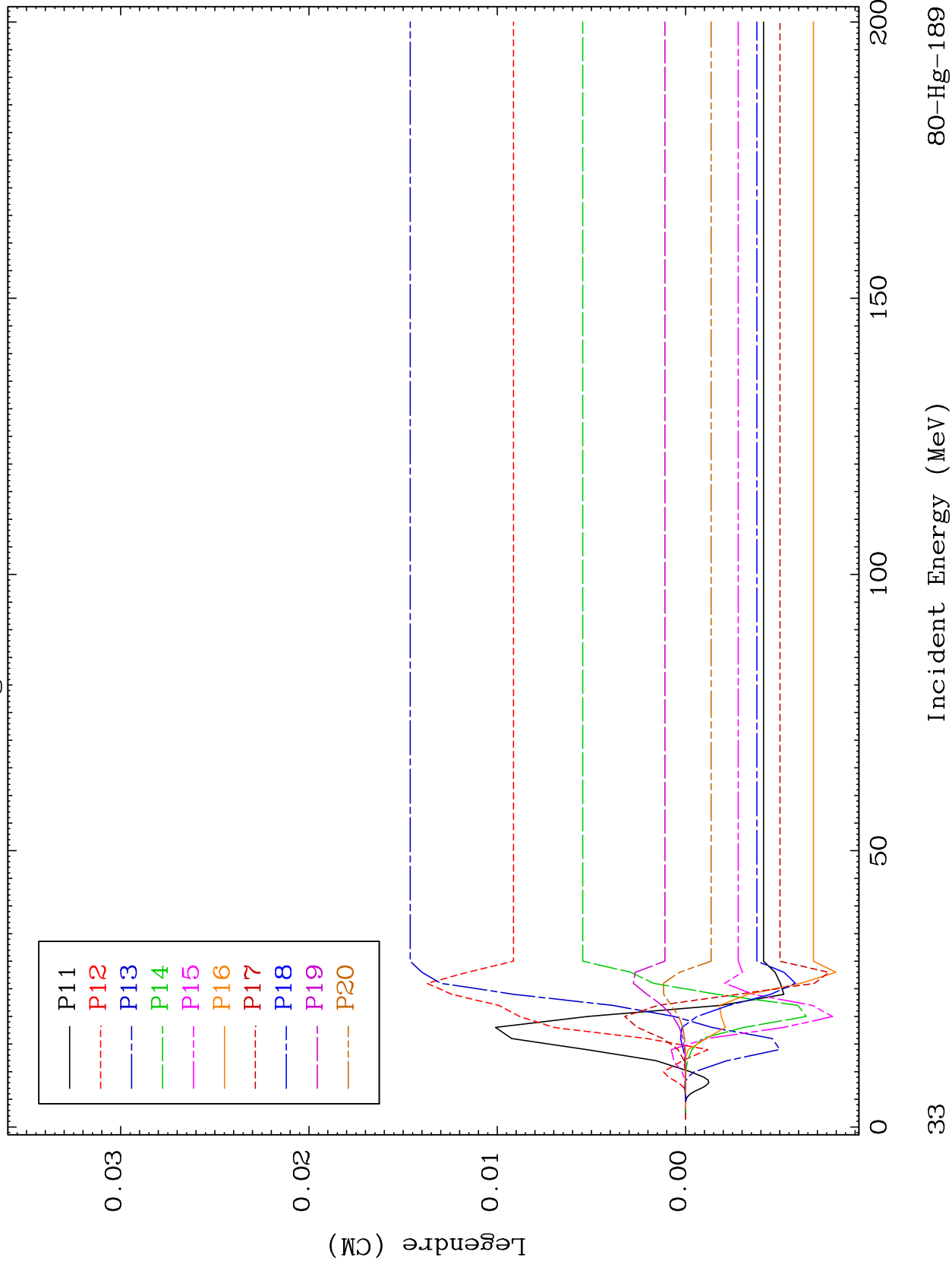




MAT 8004

344.9 keV (n,n') Level
Legendre Coefficients

80-Hg-189



33

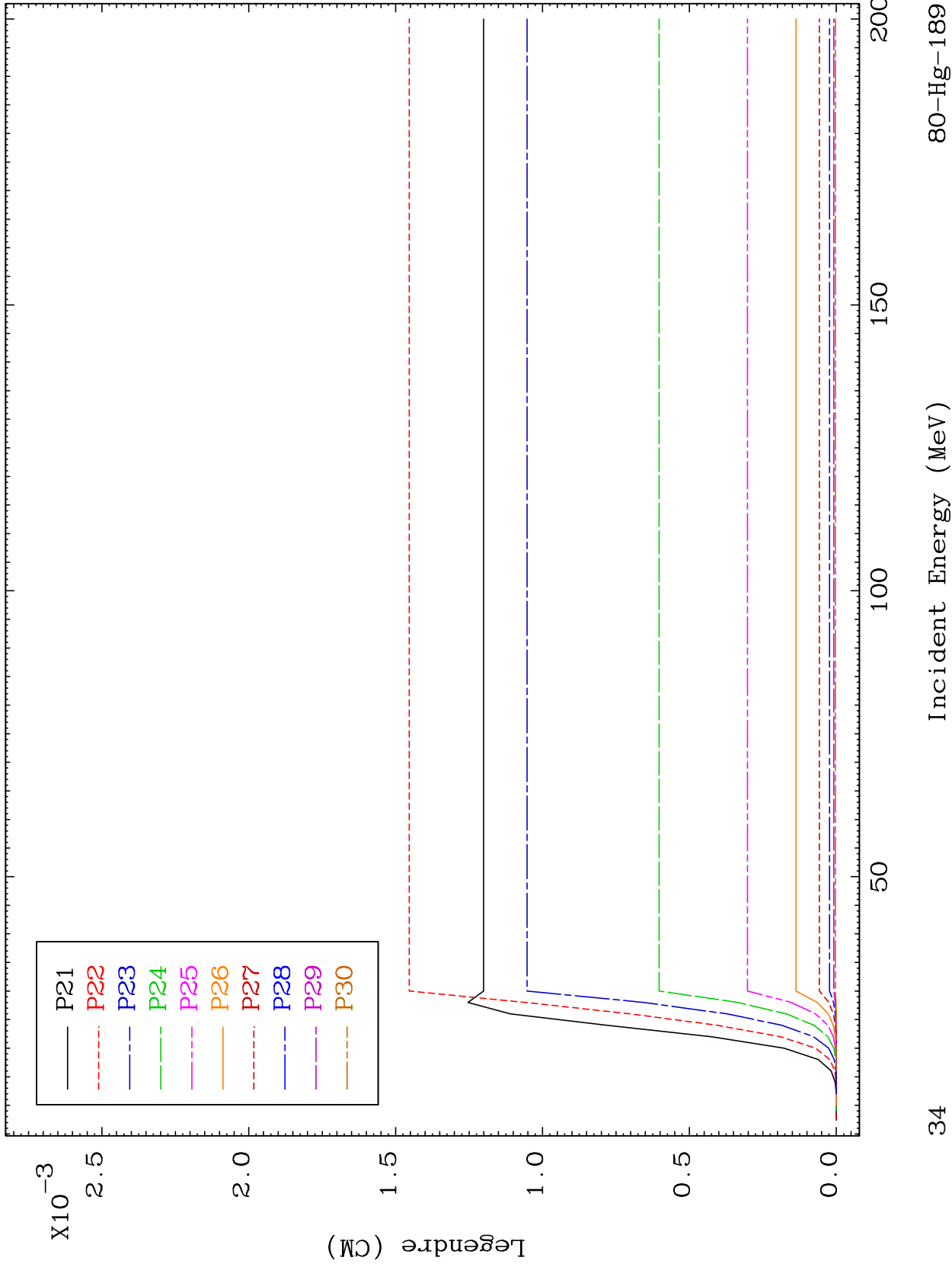
Incident Energy (MeV)

80-Hg-189

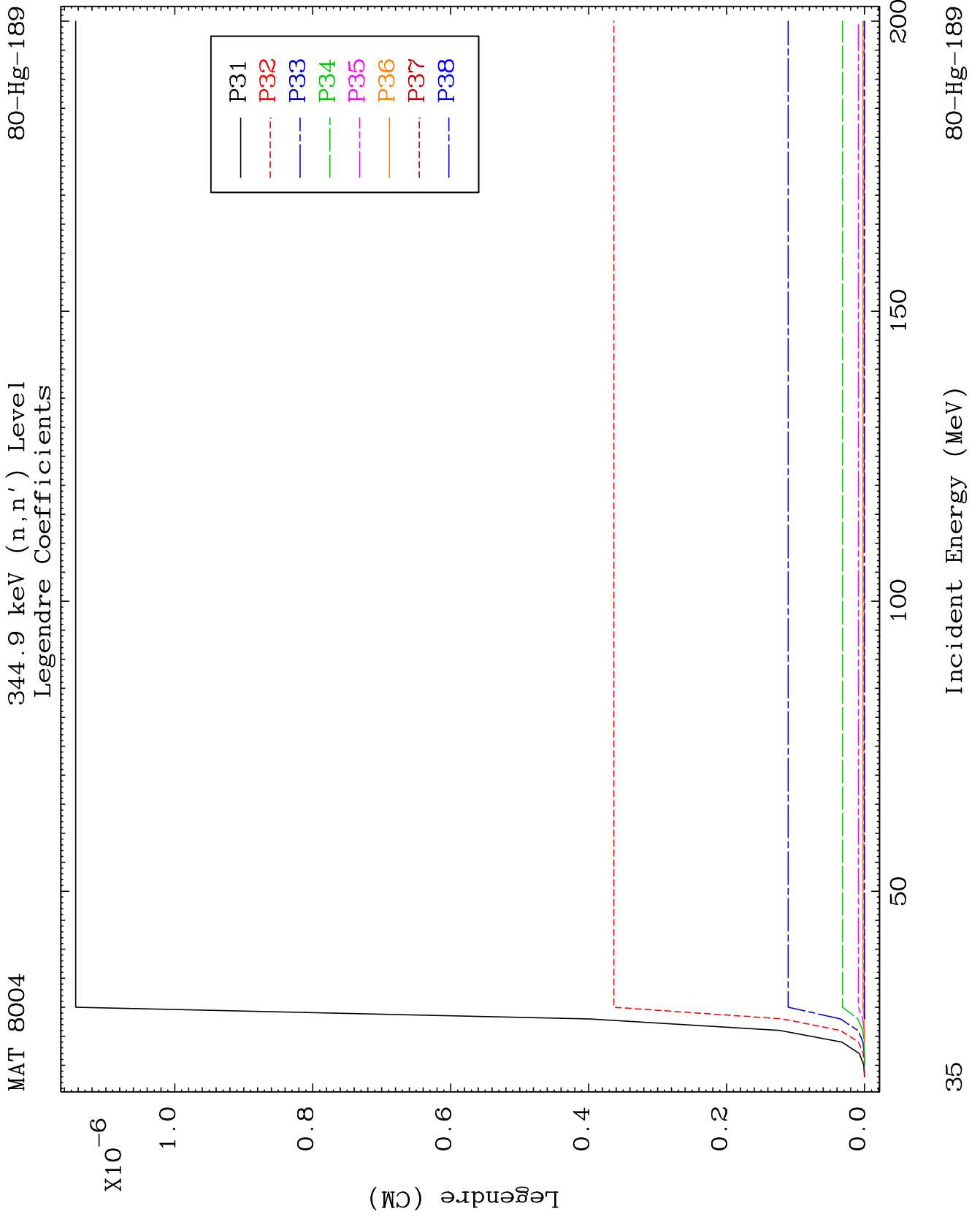
MAT 8004

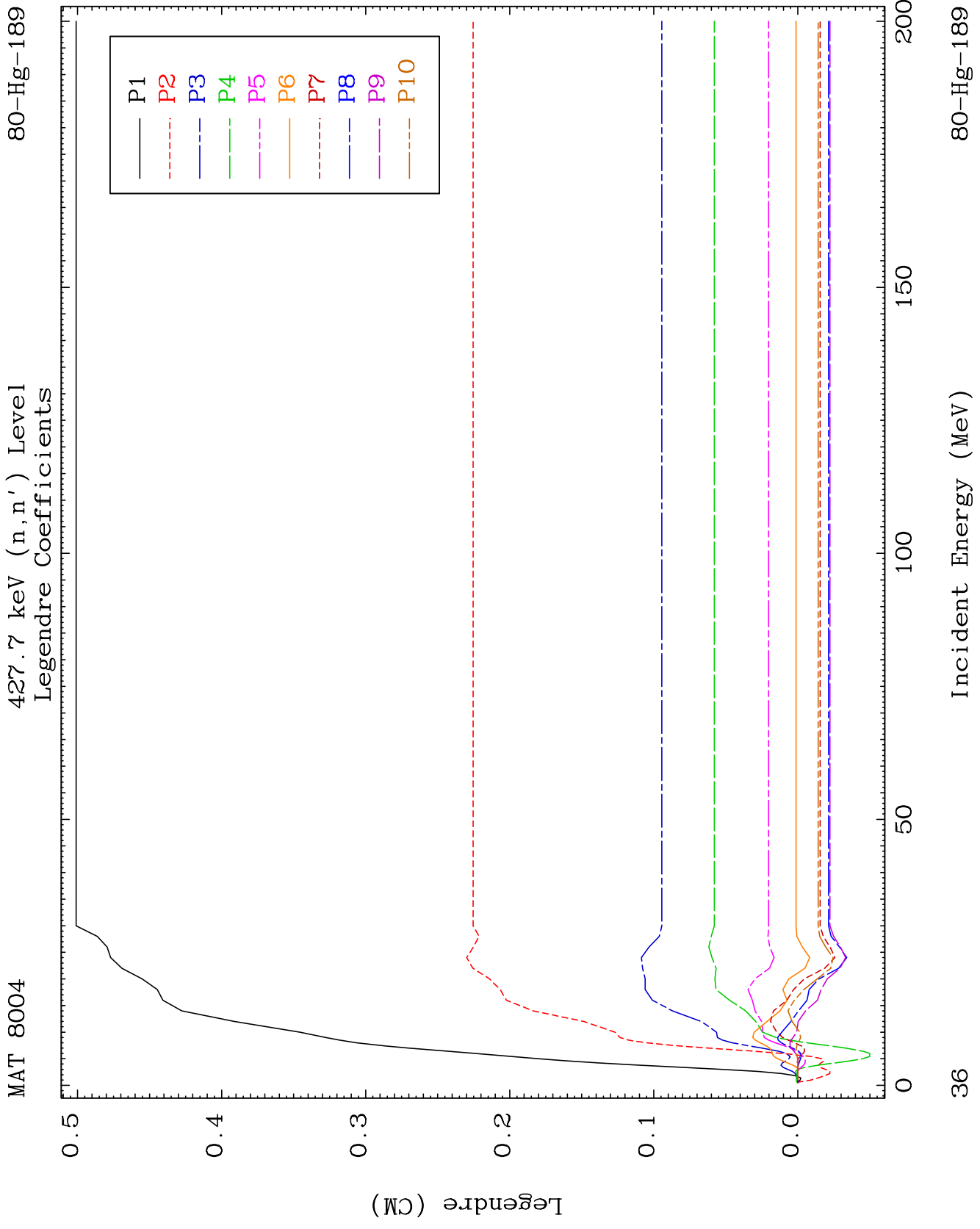
344.9 keV (n,n') Level
Legendre Coefficients

80-Hg-189



34

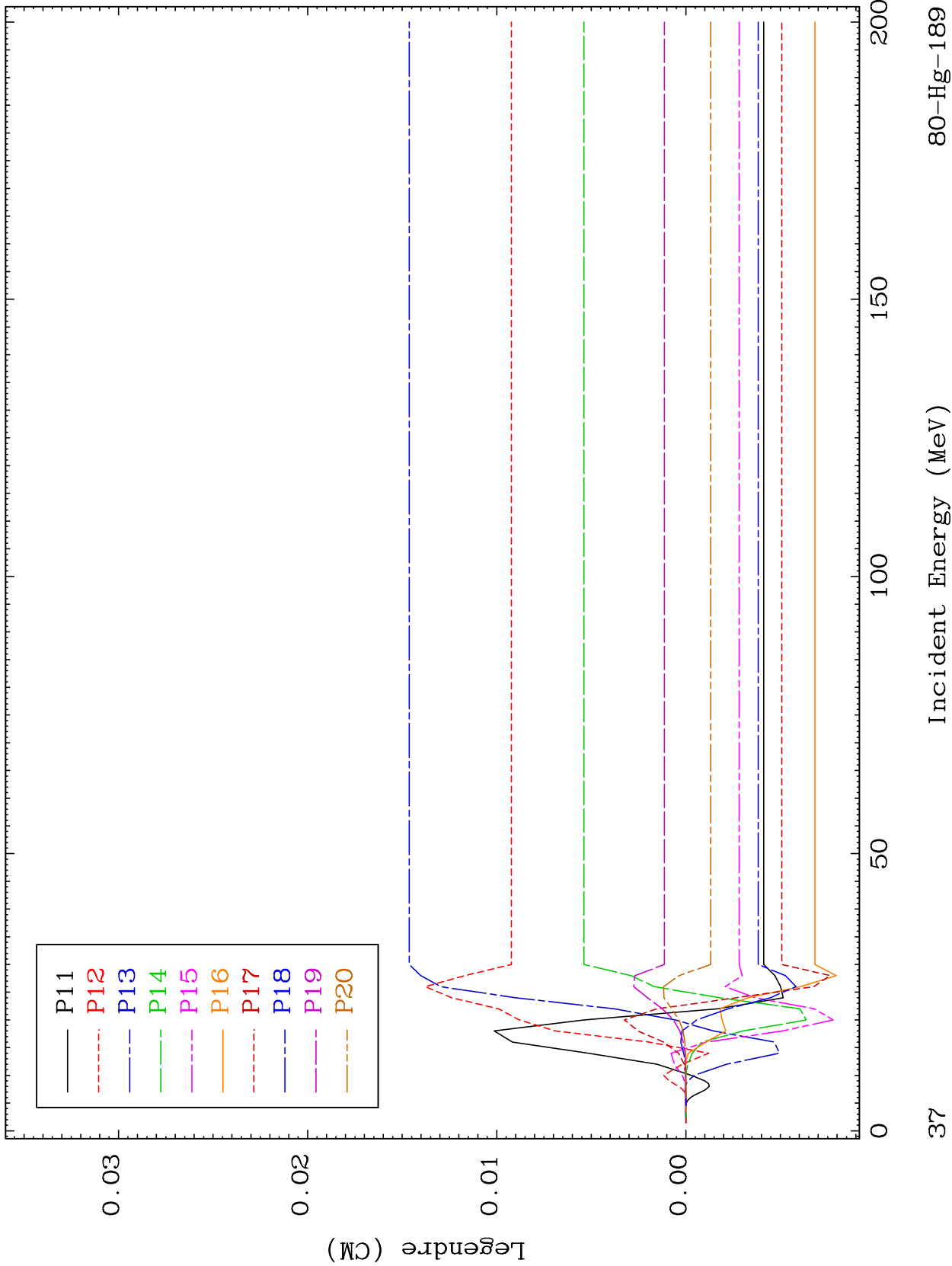




MAT 8004

427.7 keV (n,n') Level
Legendre Coefficients

80-Hg-189



37

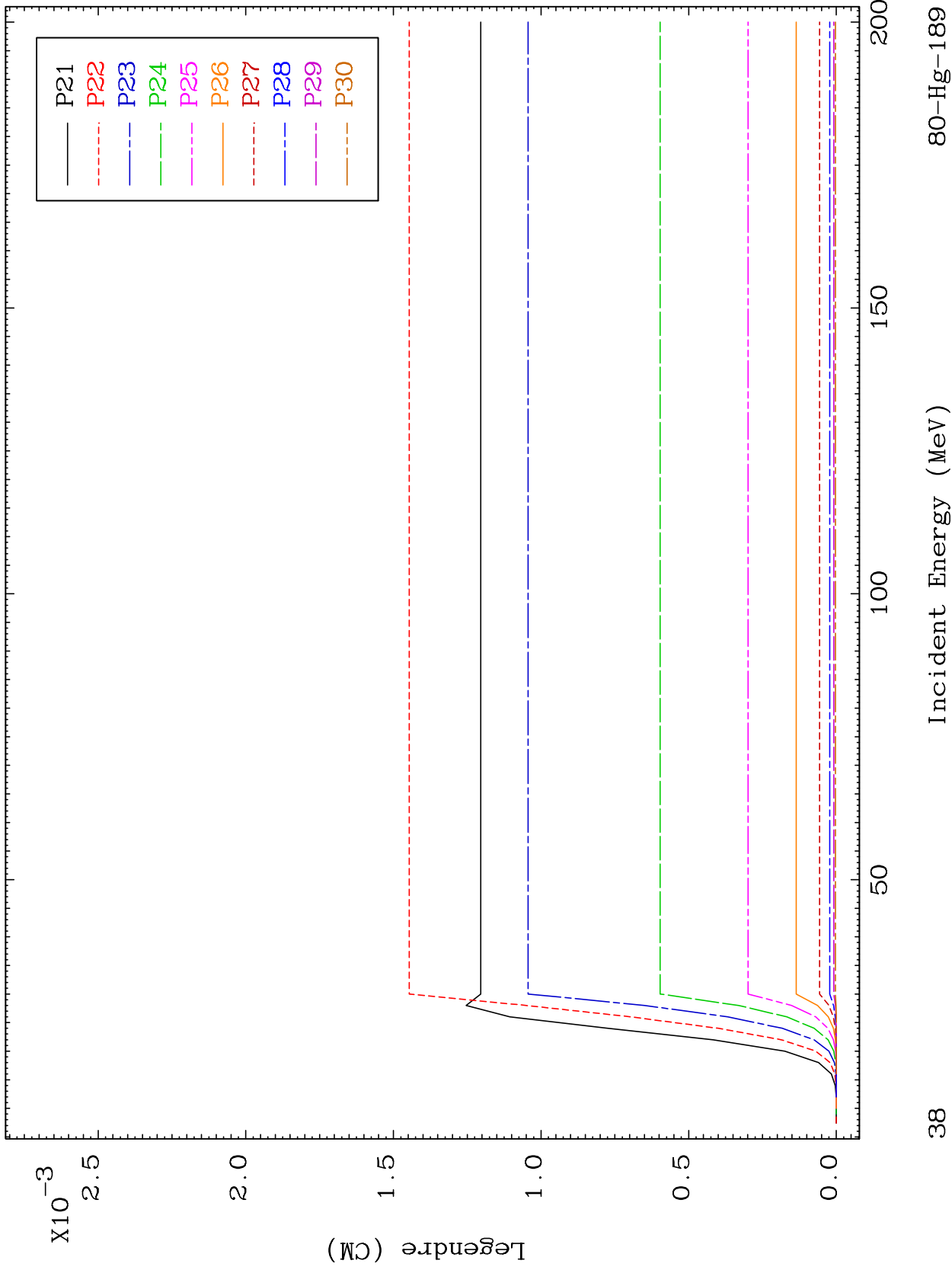
Incident Energy (MeV)

80-Hg-189

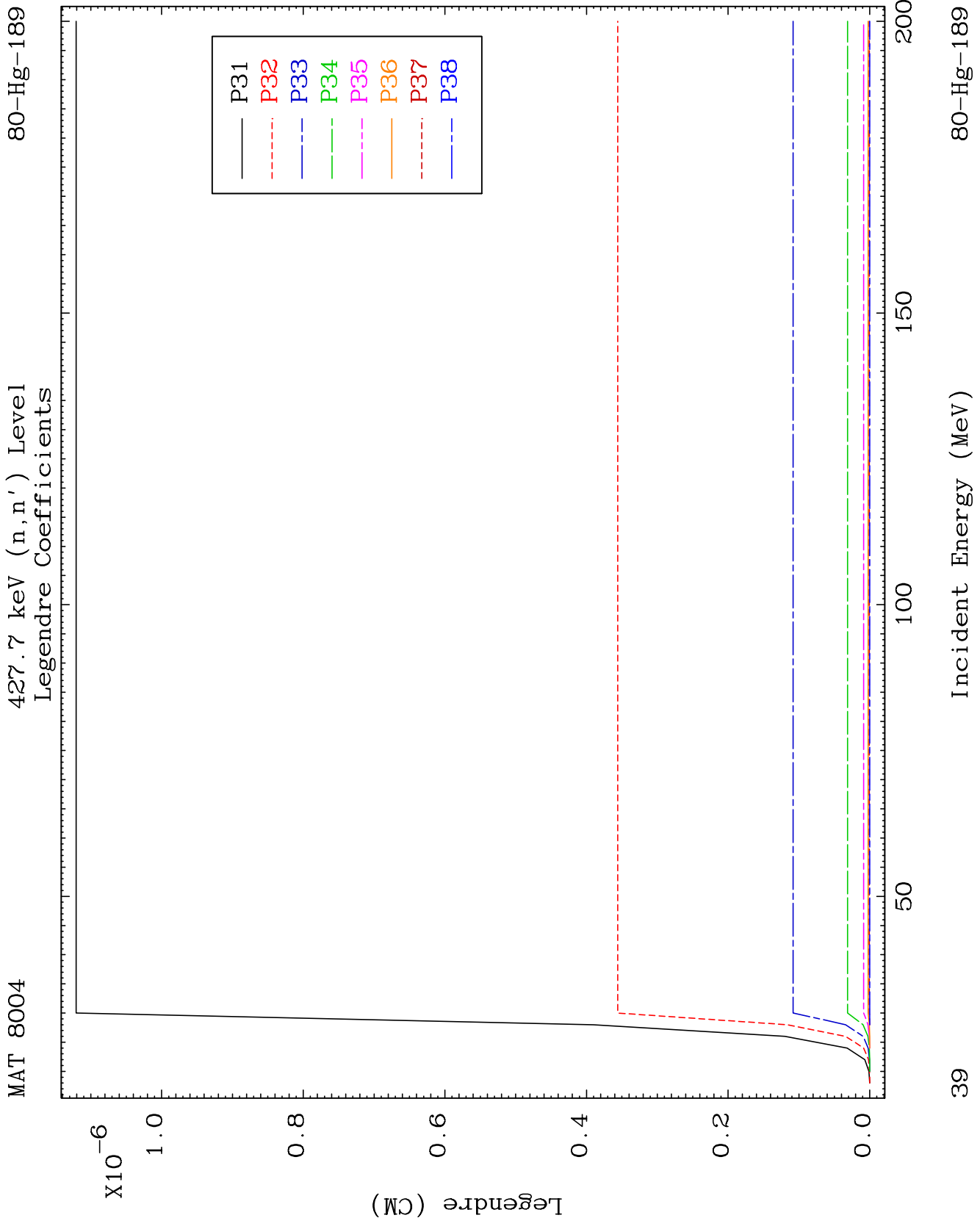
MAT 8004

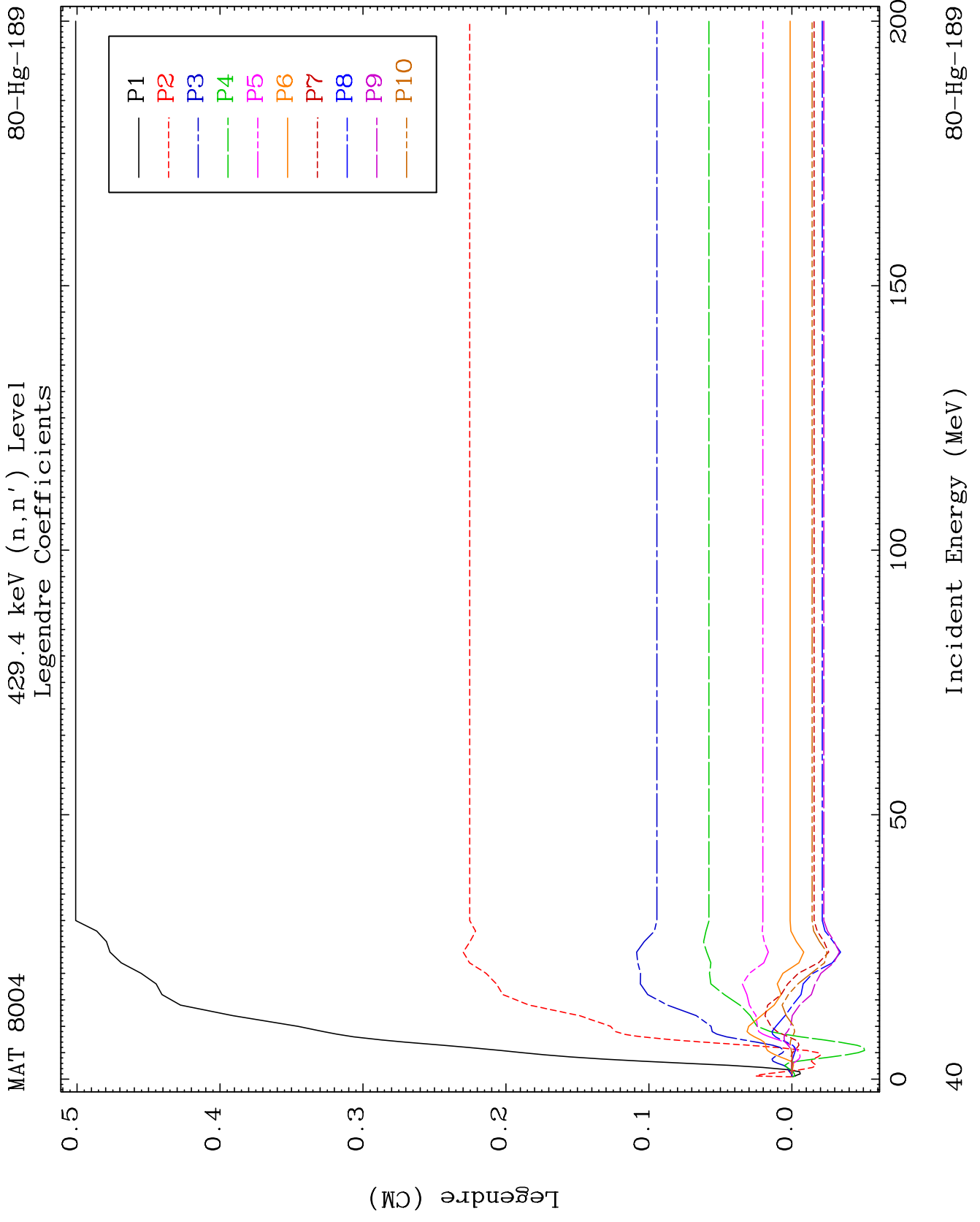
427.7 keV (n,n') Level
Legendre Coefficients

80-Hg-189



38

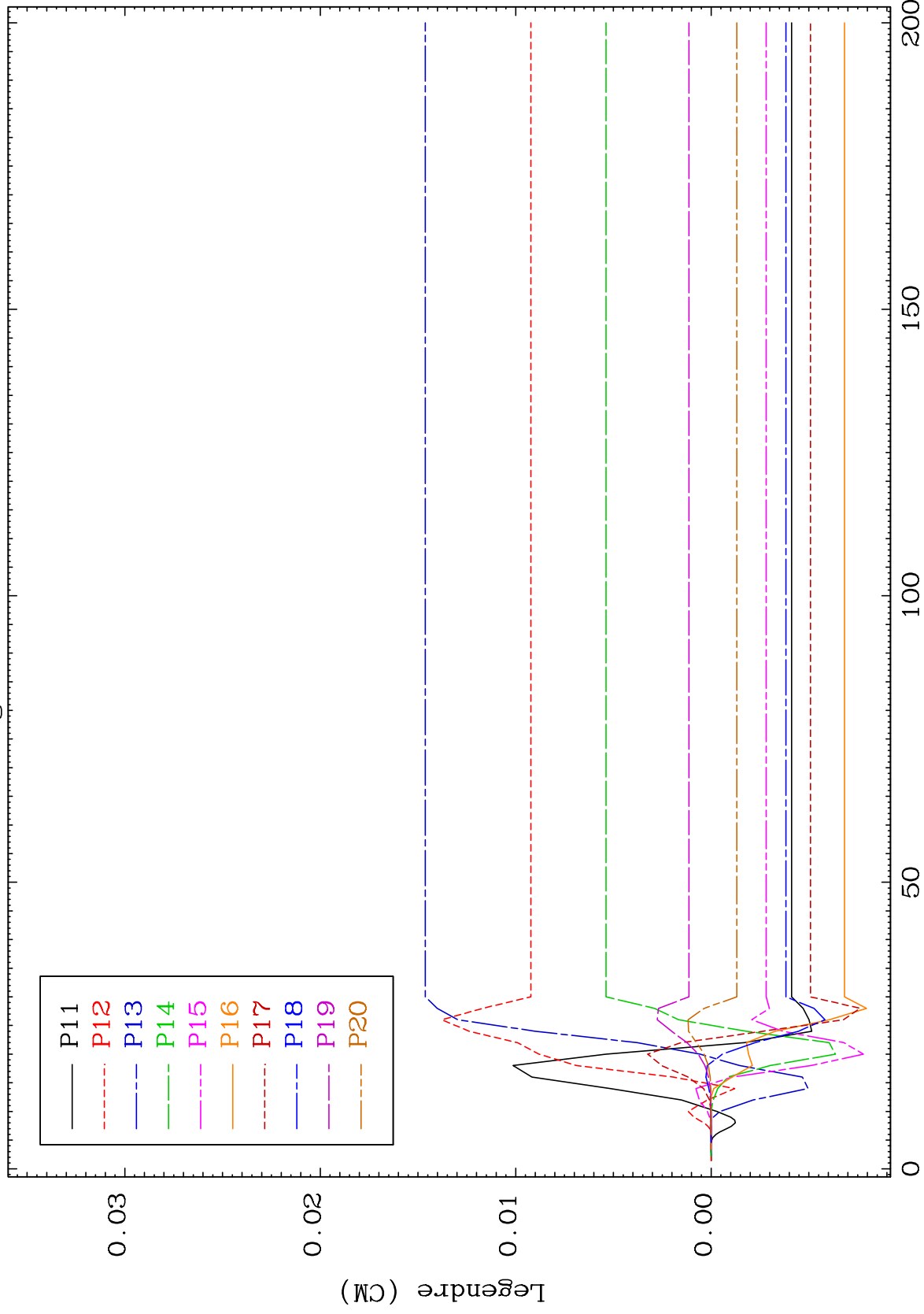


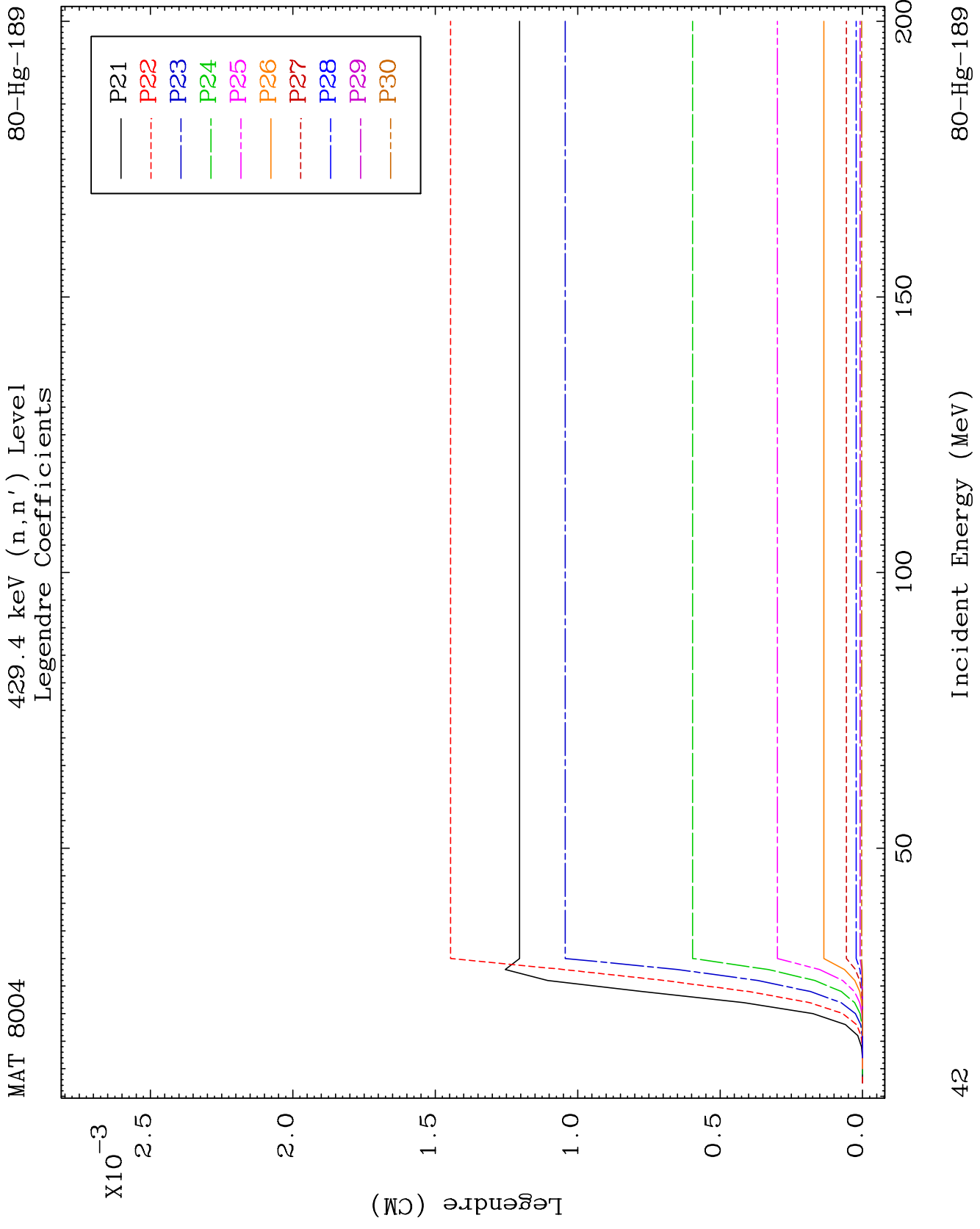


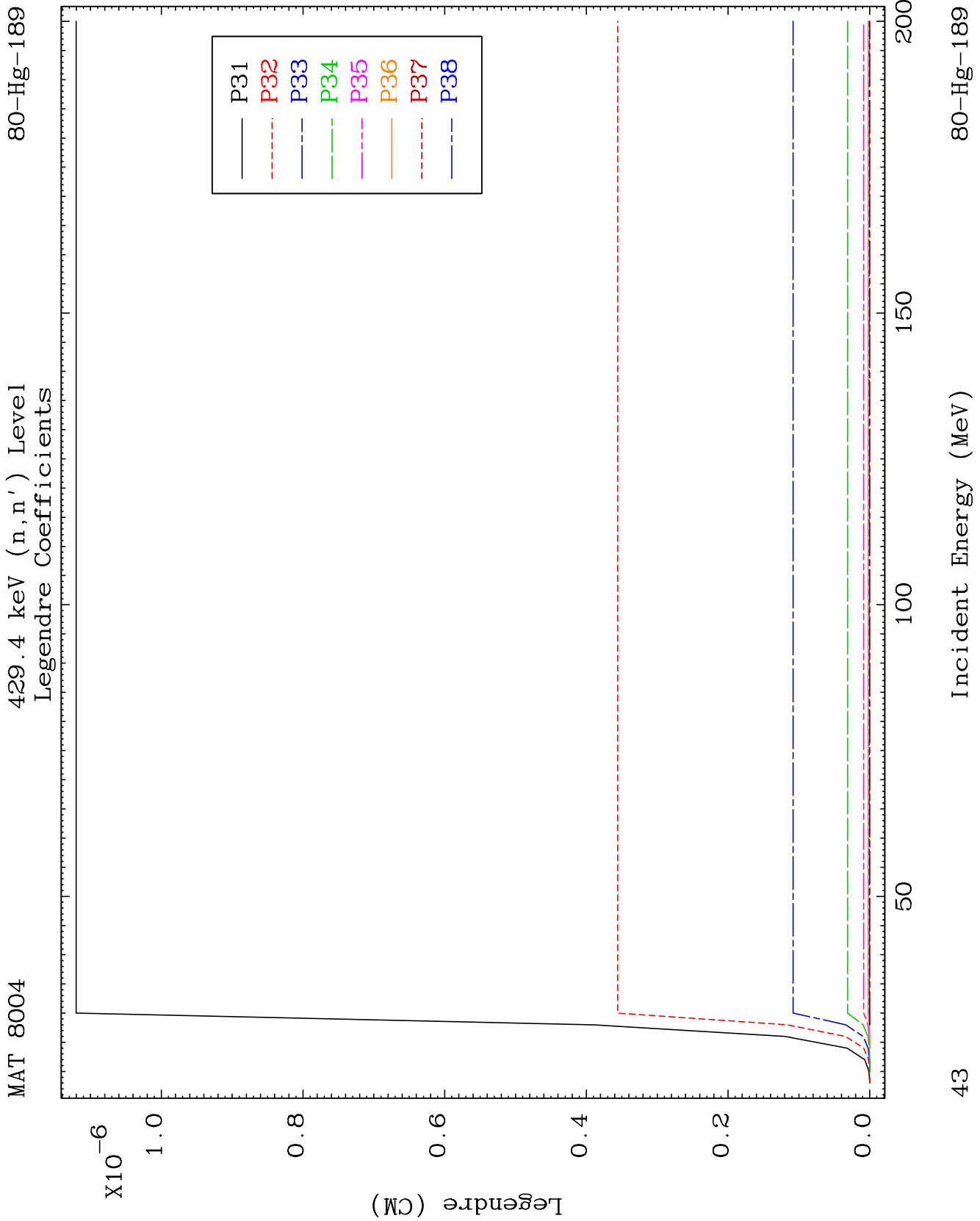
MAT 8004

429.4 keV (n,n') Level
Legendre Coefficients

80-Hg-189



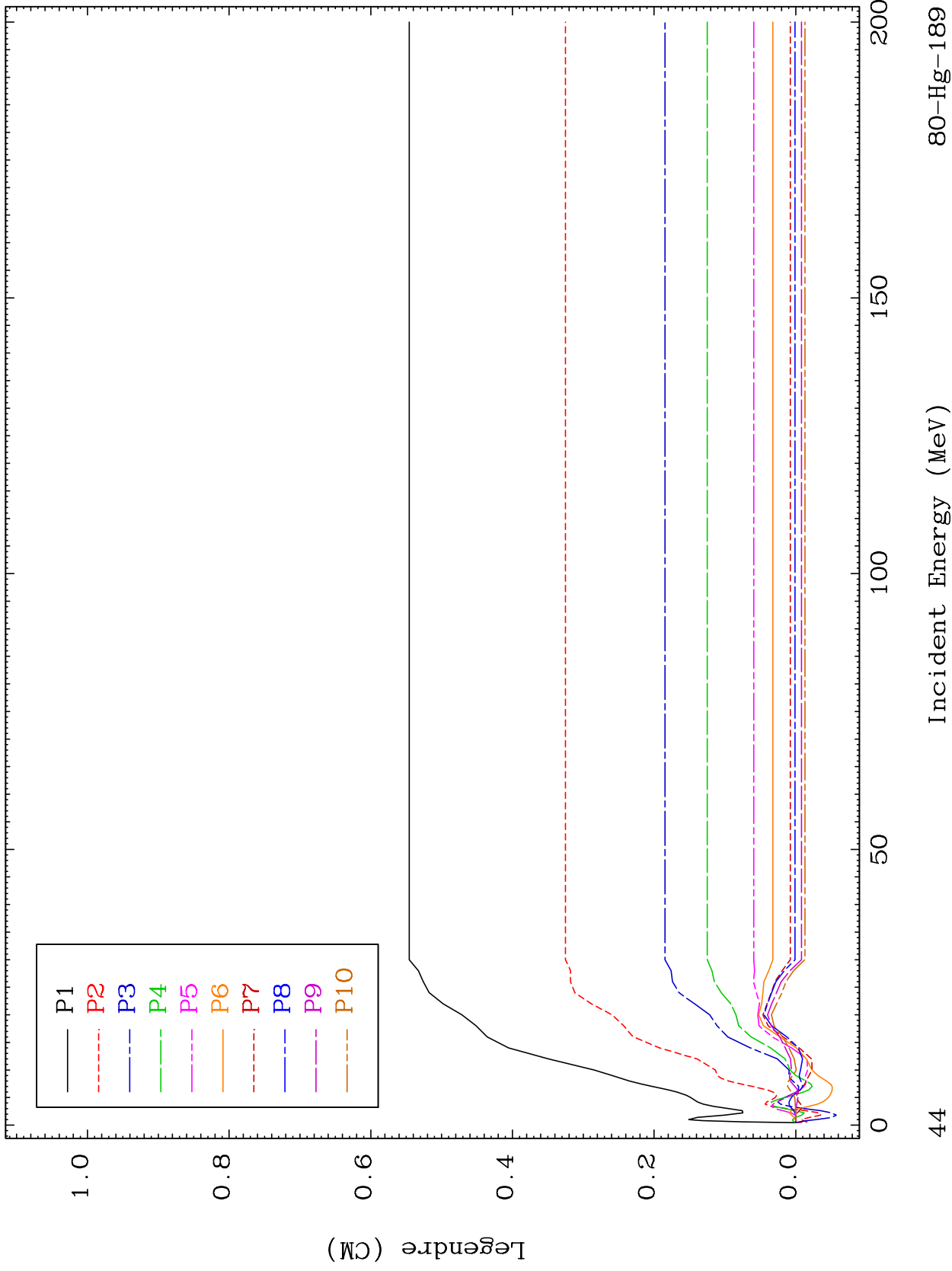




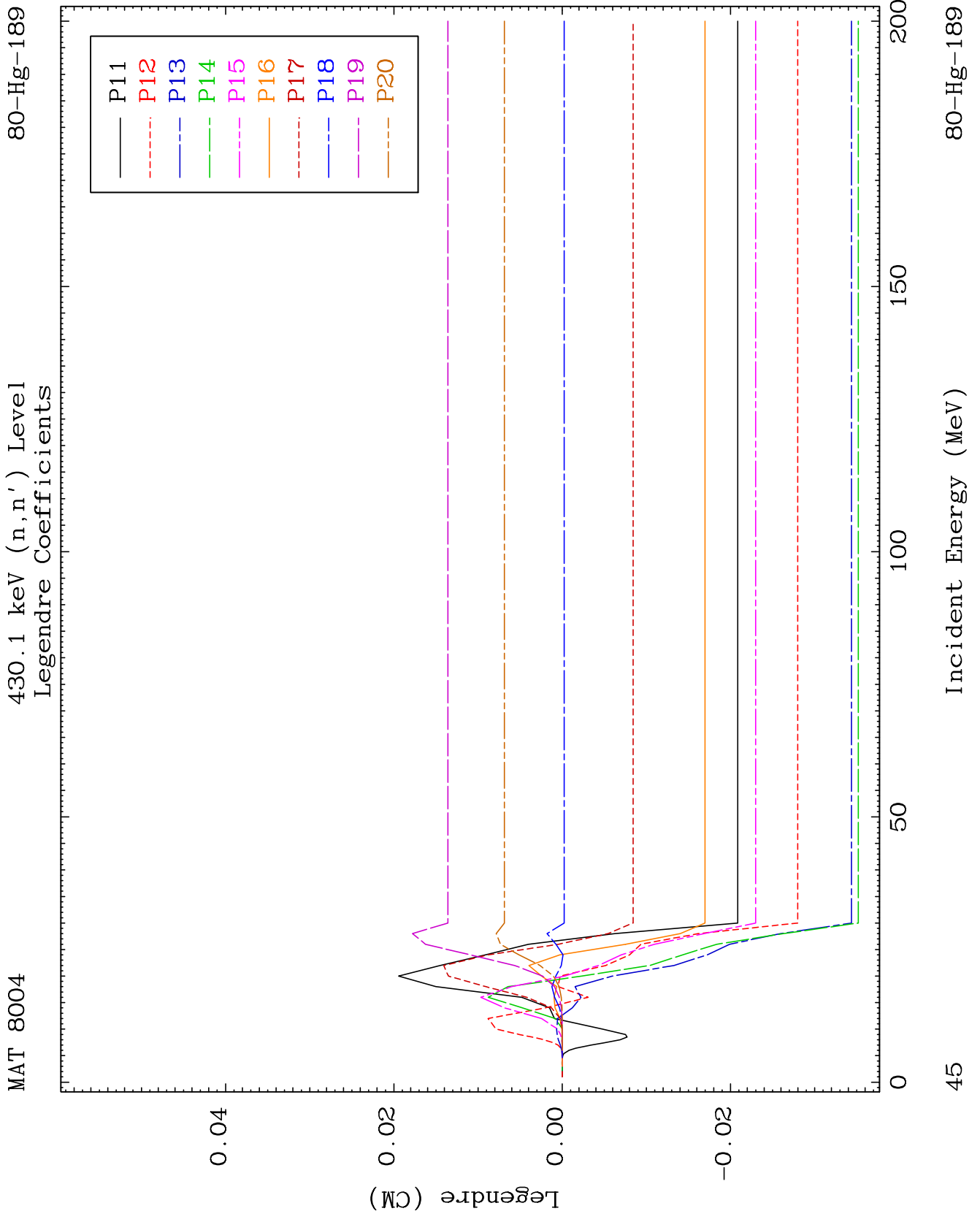
MAT 8004

430.1 keV (n, n') Level
Legendre Coefficients

80-Hg-189



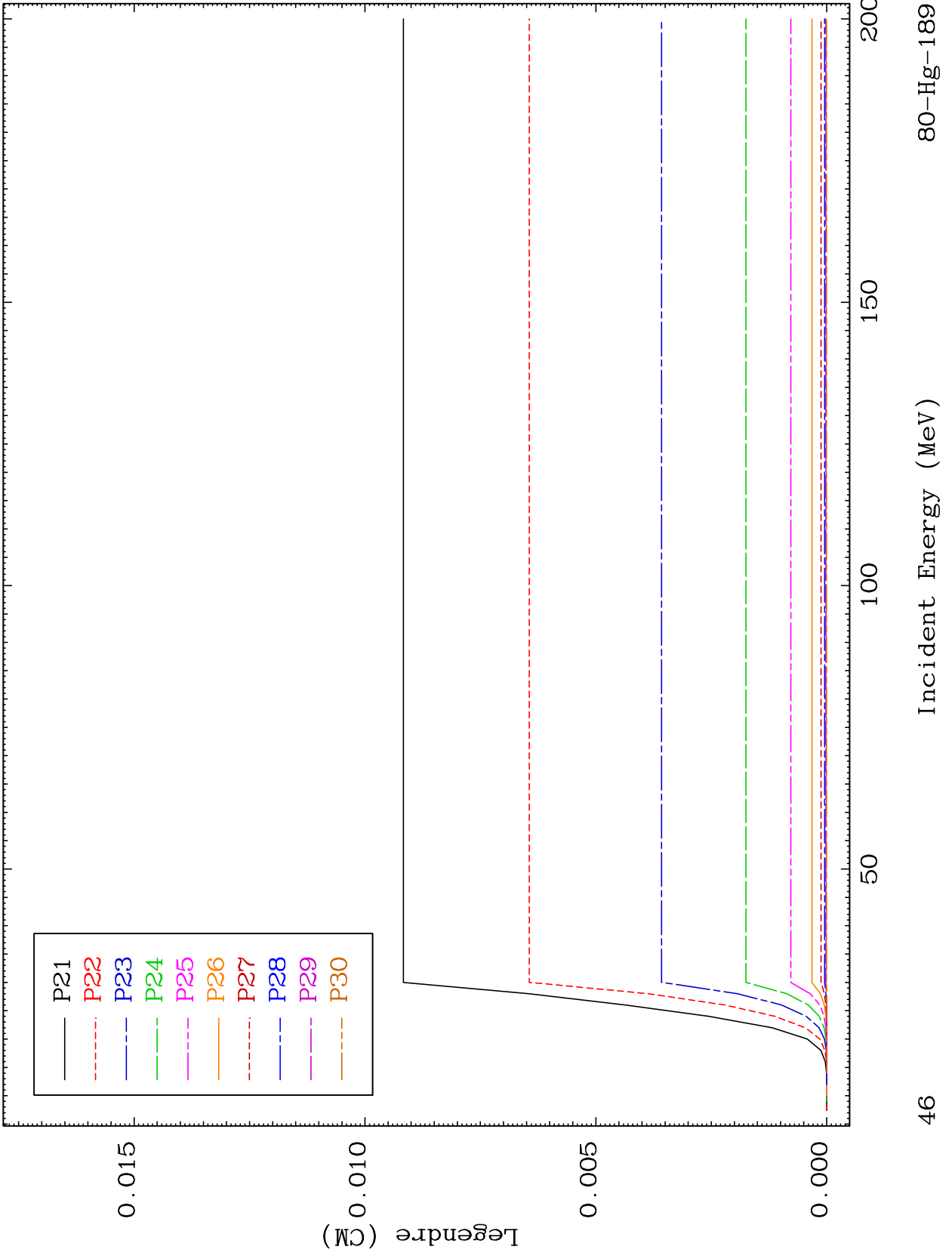
44



MAT 8004

430.1 keV (n,n') Level
Legendre Coefficients

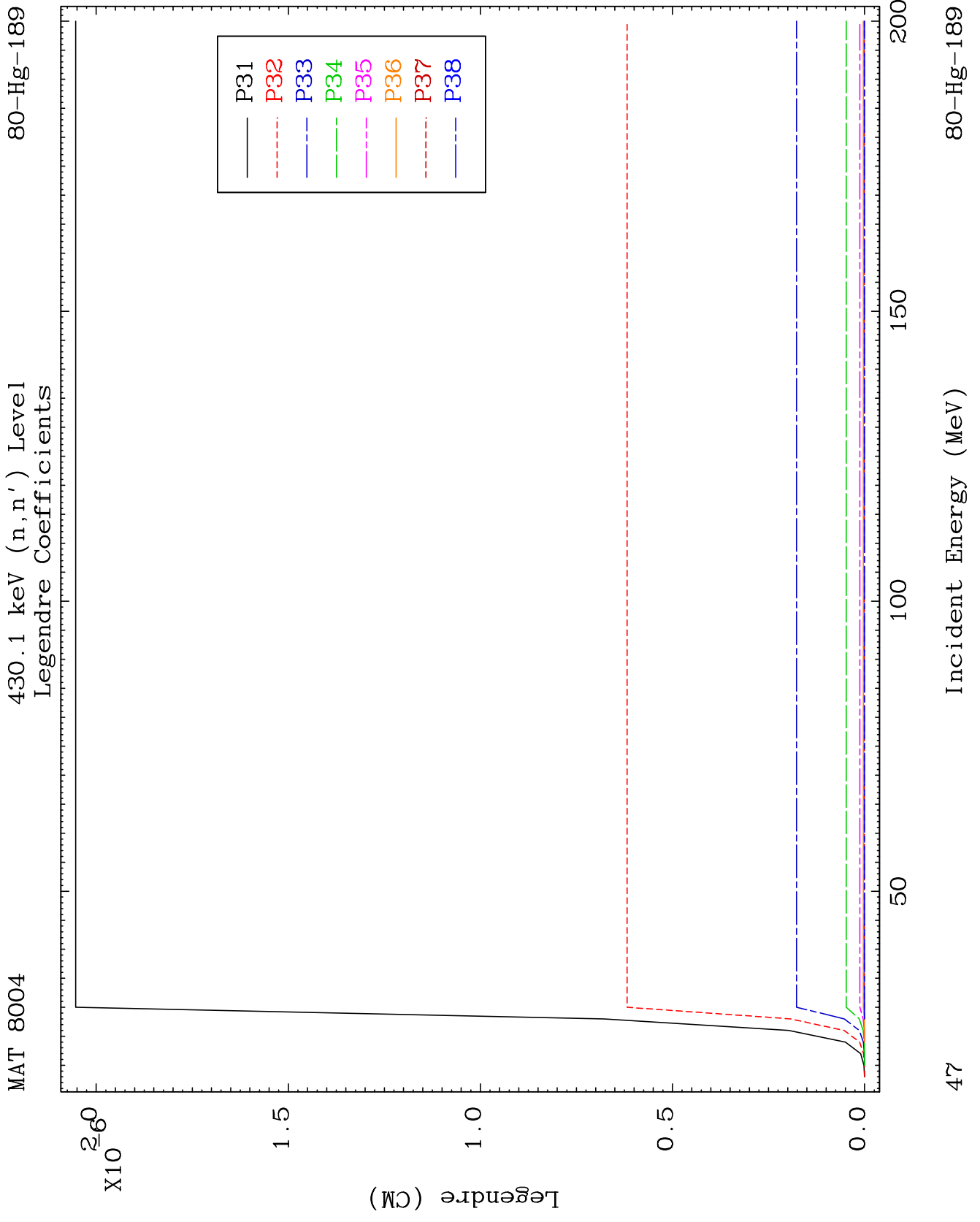
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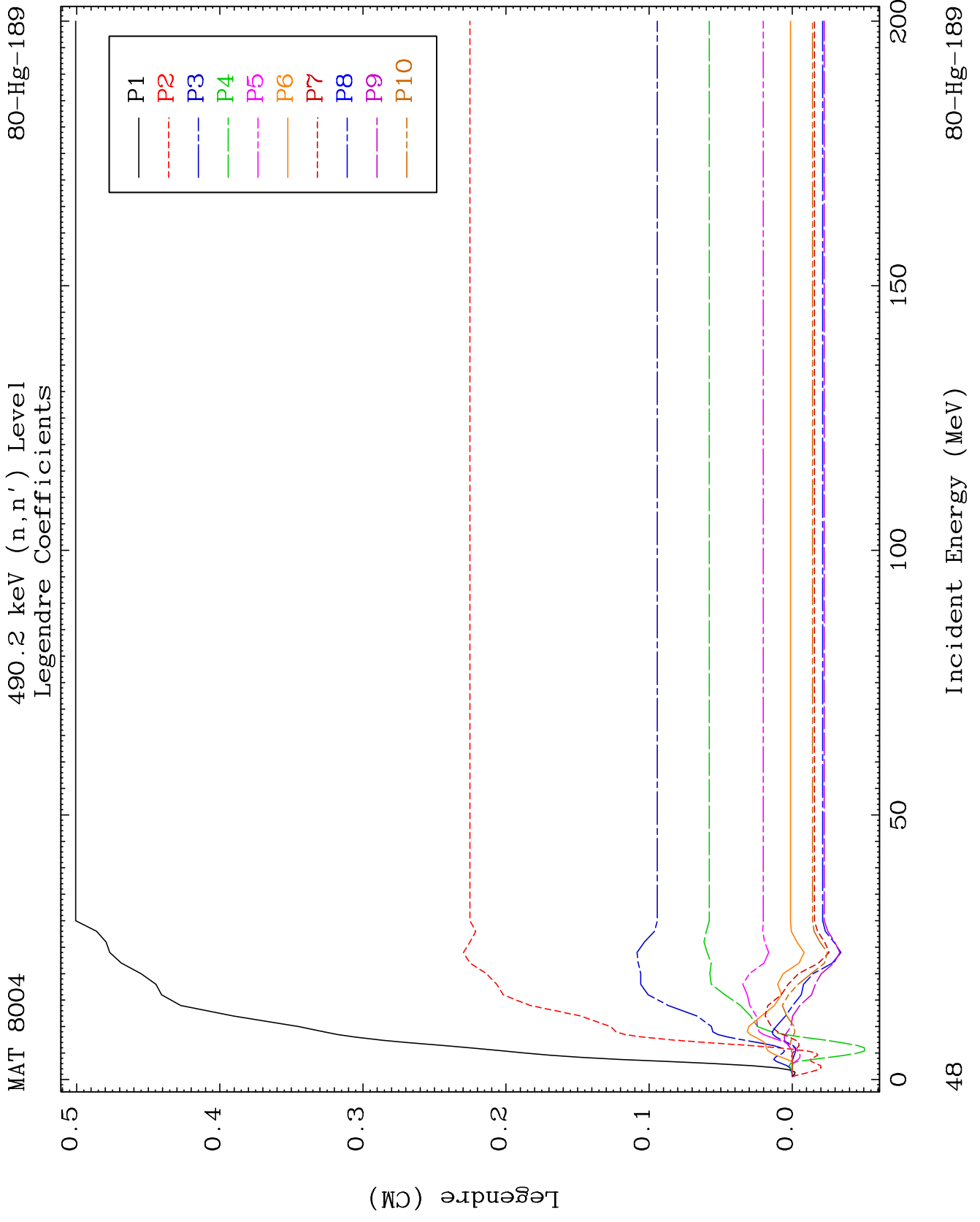


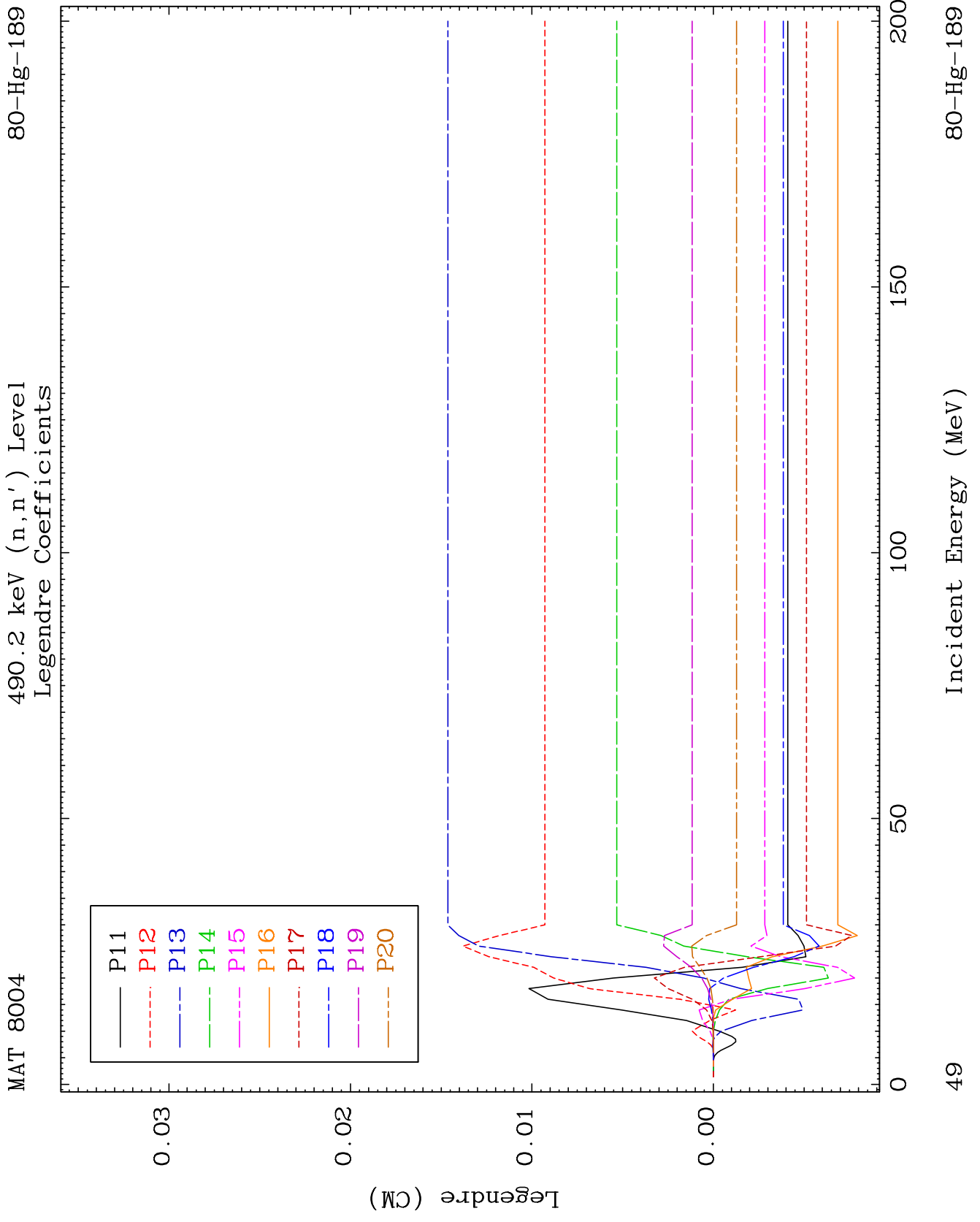
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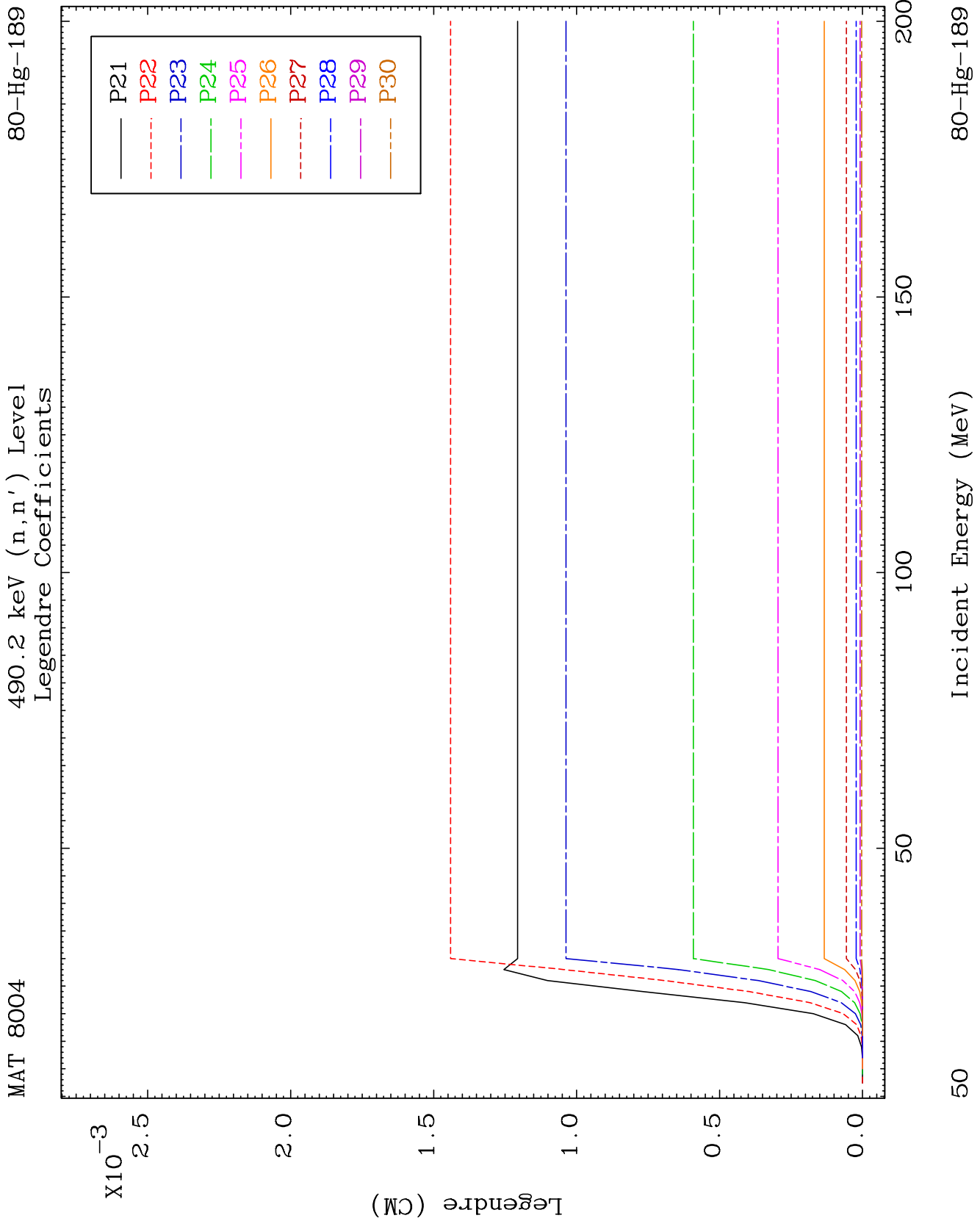
Incident Energy (MeV)

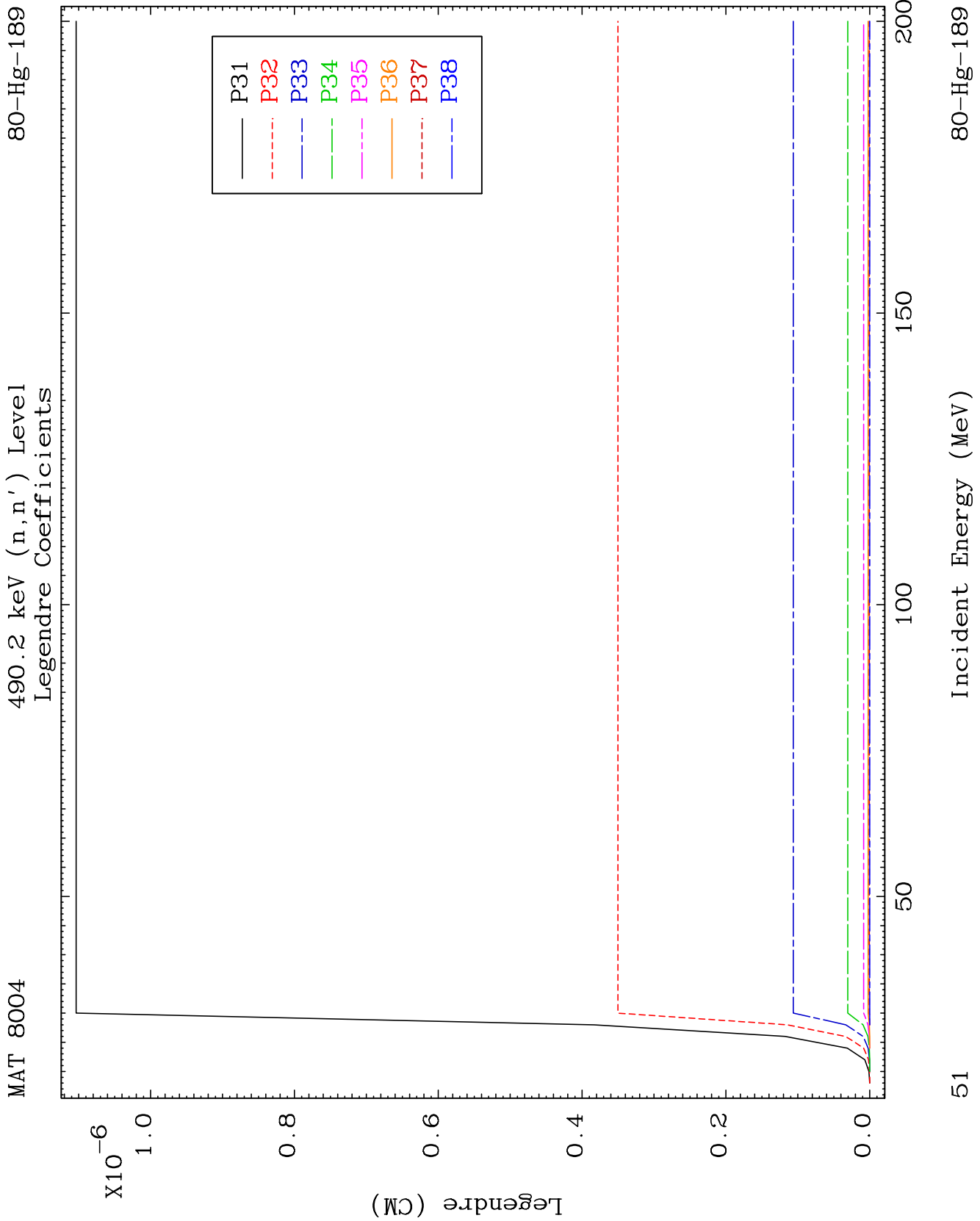
80-Hg-189







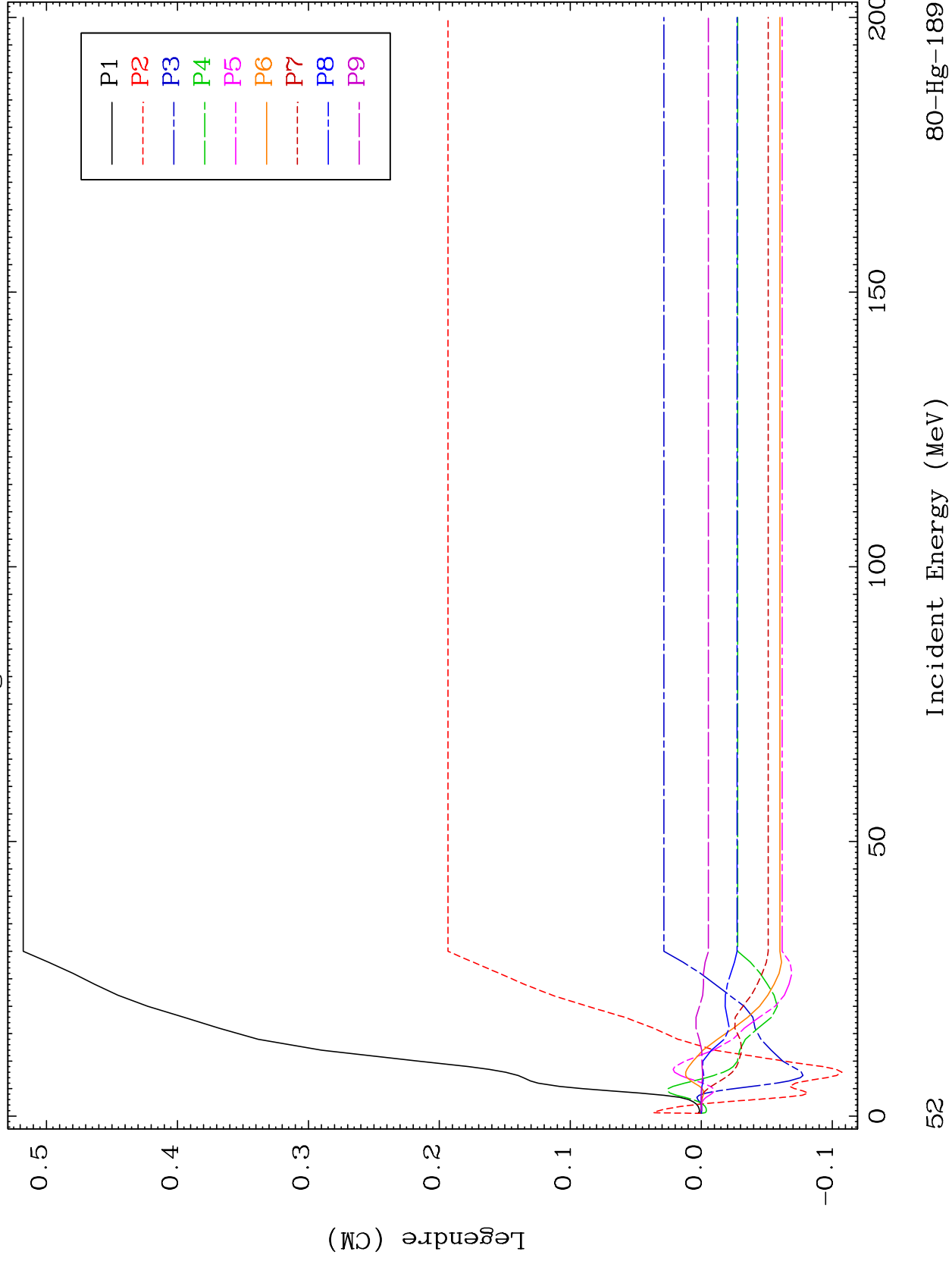




MAT 8004

492.4 keV (n,n') Level
Legendre Coefficients

80-Hg-189



80-Hg-189

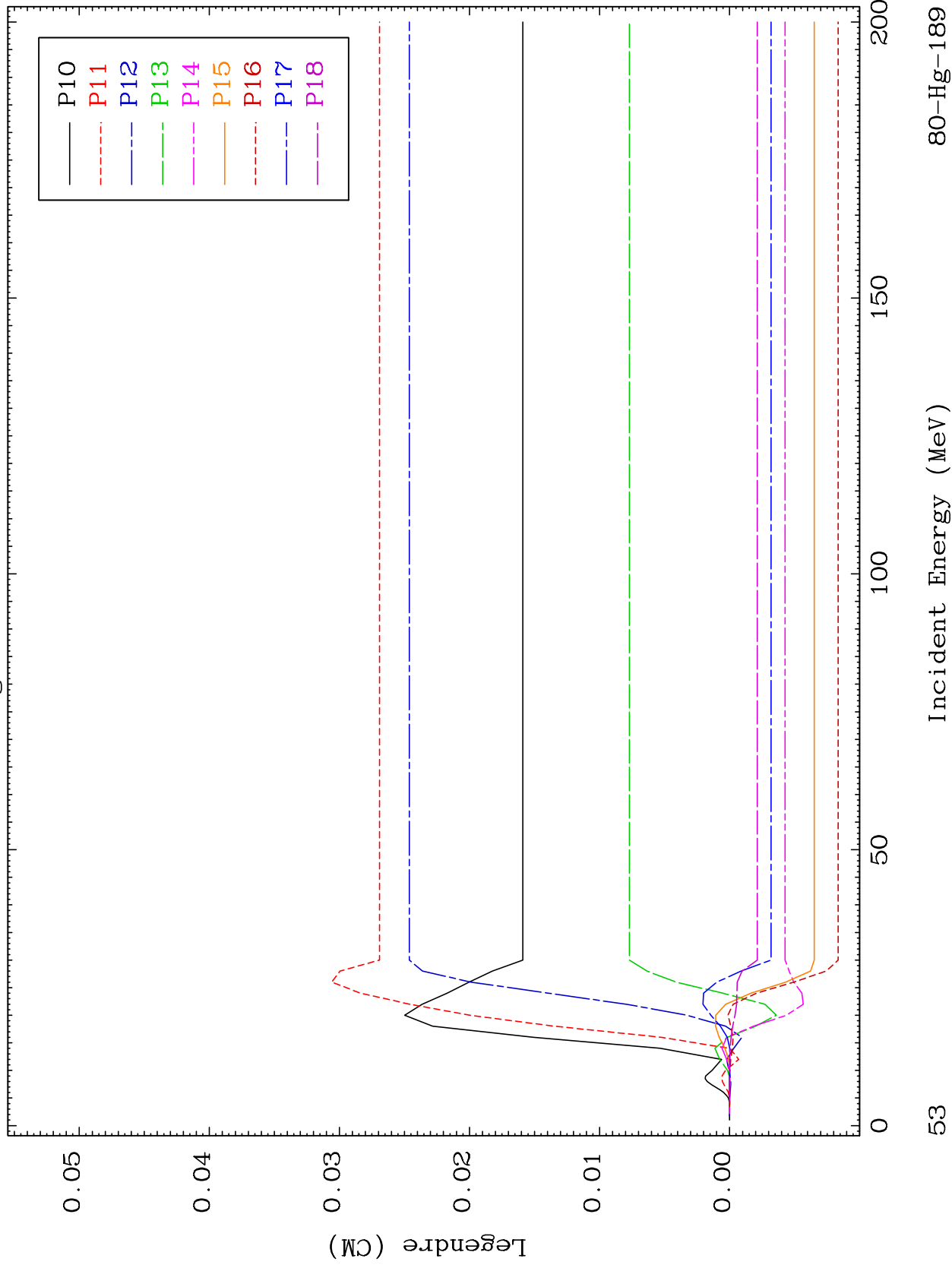
Incident Energy (MeV)

52

MAT 8004

492.4 keV (n,n') Level
Legendre Coefficients

80-Hg-189



53

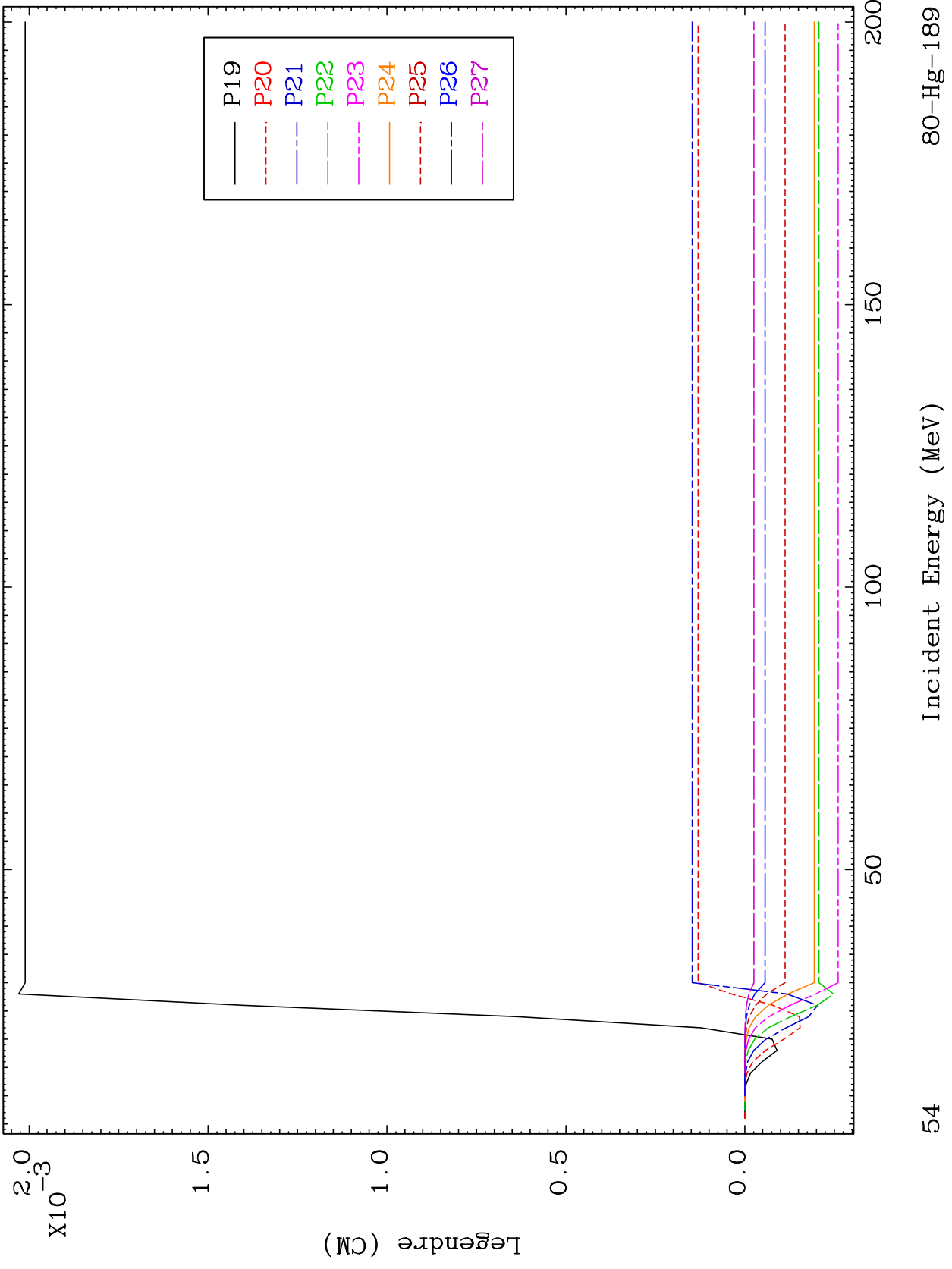
Incident Energy (MeV)

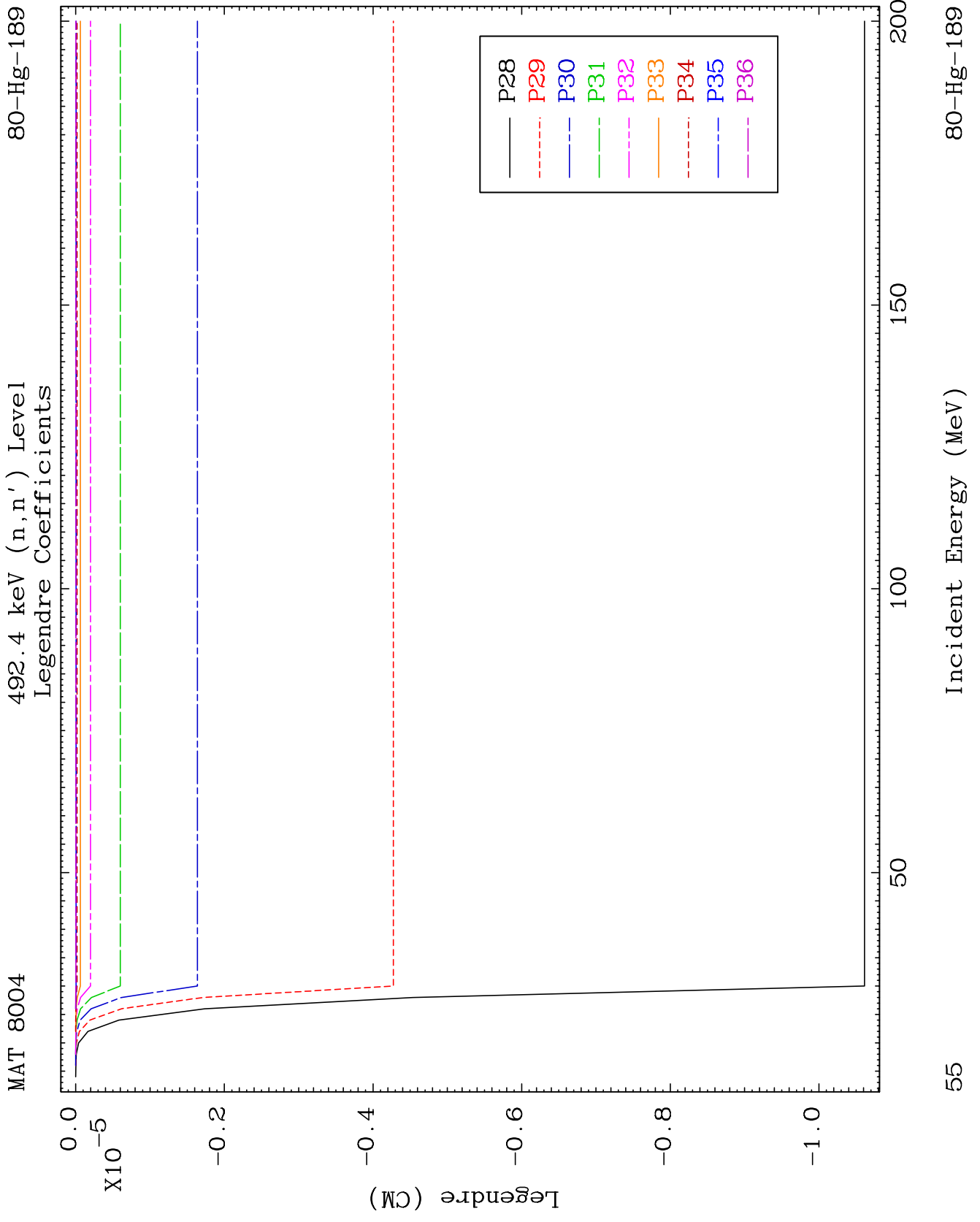
80-Hg-189

MAT 8004

492.4 keV (n,n') Level
Legendre Coefficients

80-Hg-189

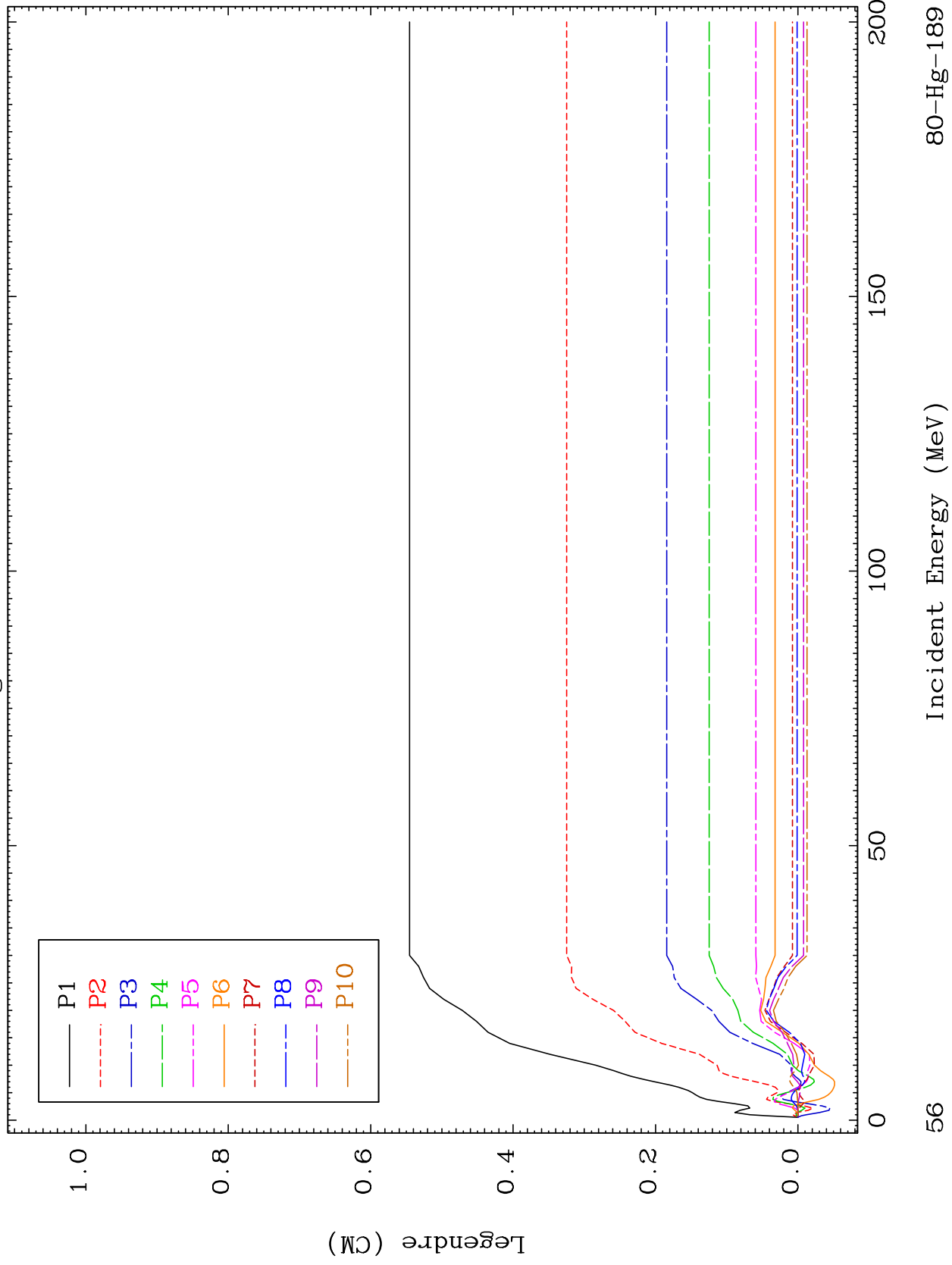




MAT 8004

493.5 keV (n,n') Level
Legendre Coefficients

80-Hg-189



56

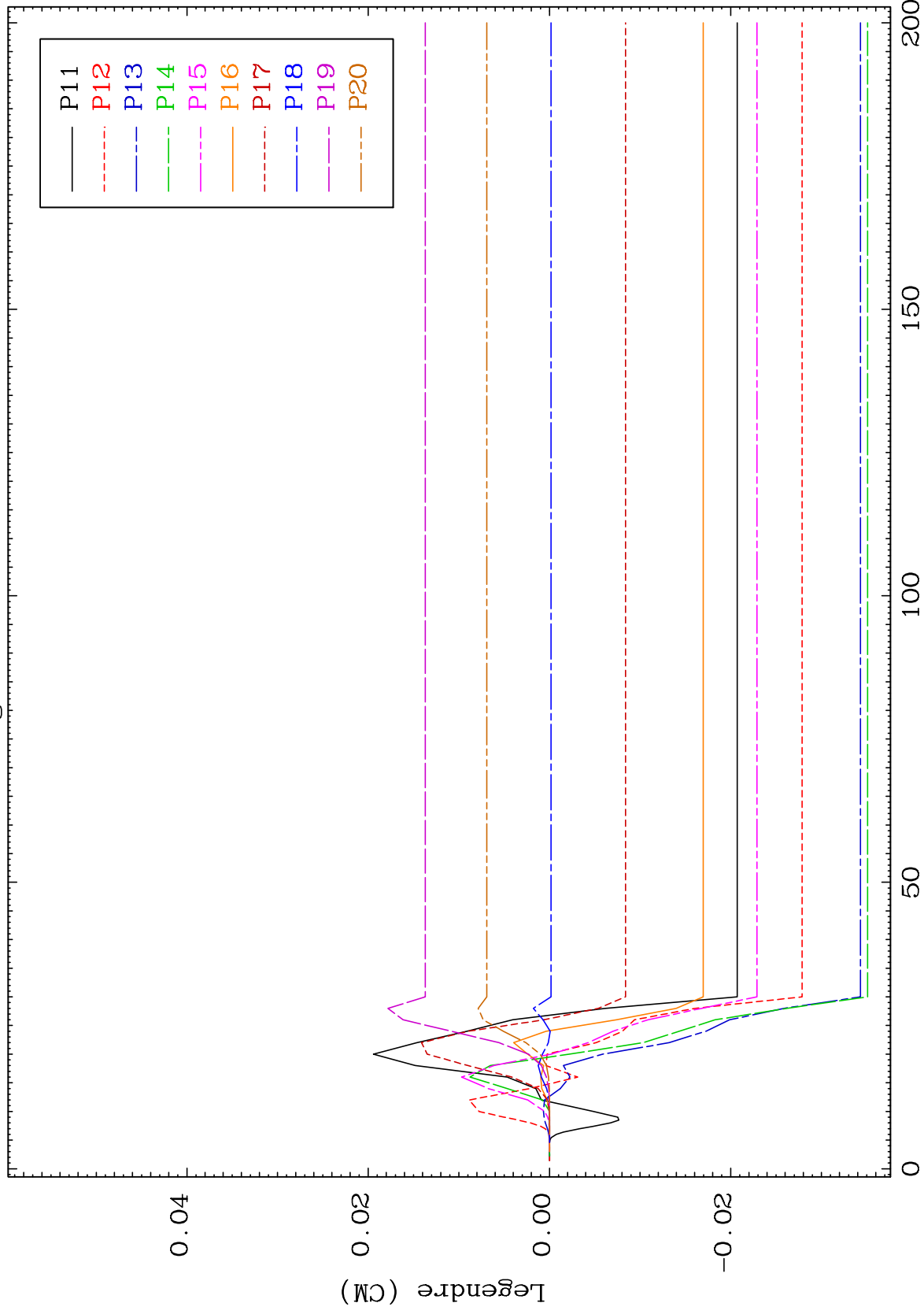
Incident Energy (MeV)

80-Hg-189

MAT 8004

493.5 keV (n,n') Level
Legendre Coefficients

80-Hg-189



57

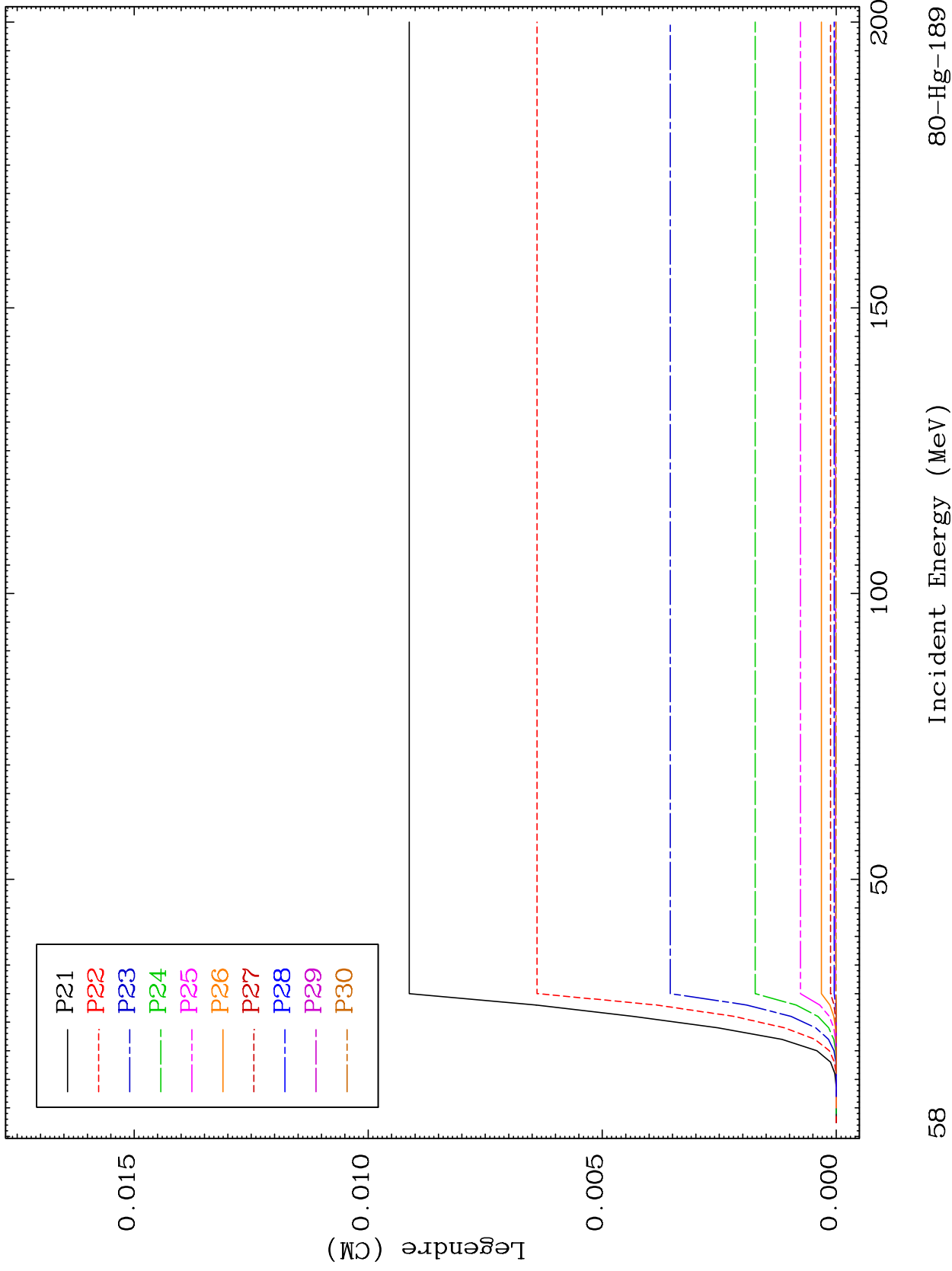
Incident Energy (MeV)

80-Hg-189

MAT 8004

493.5 keV (n,n') Level
Legendre Coefficients

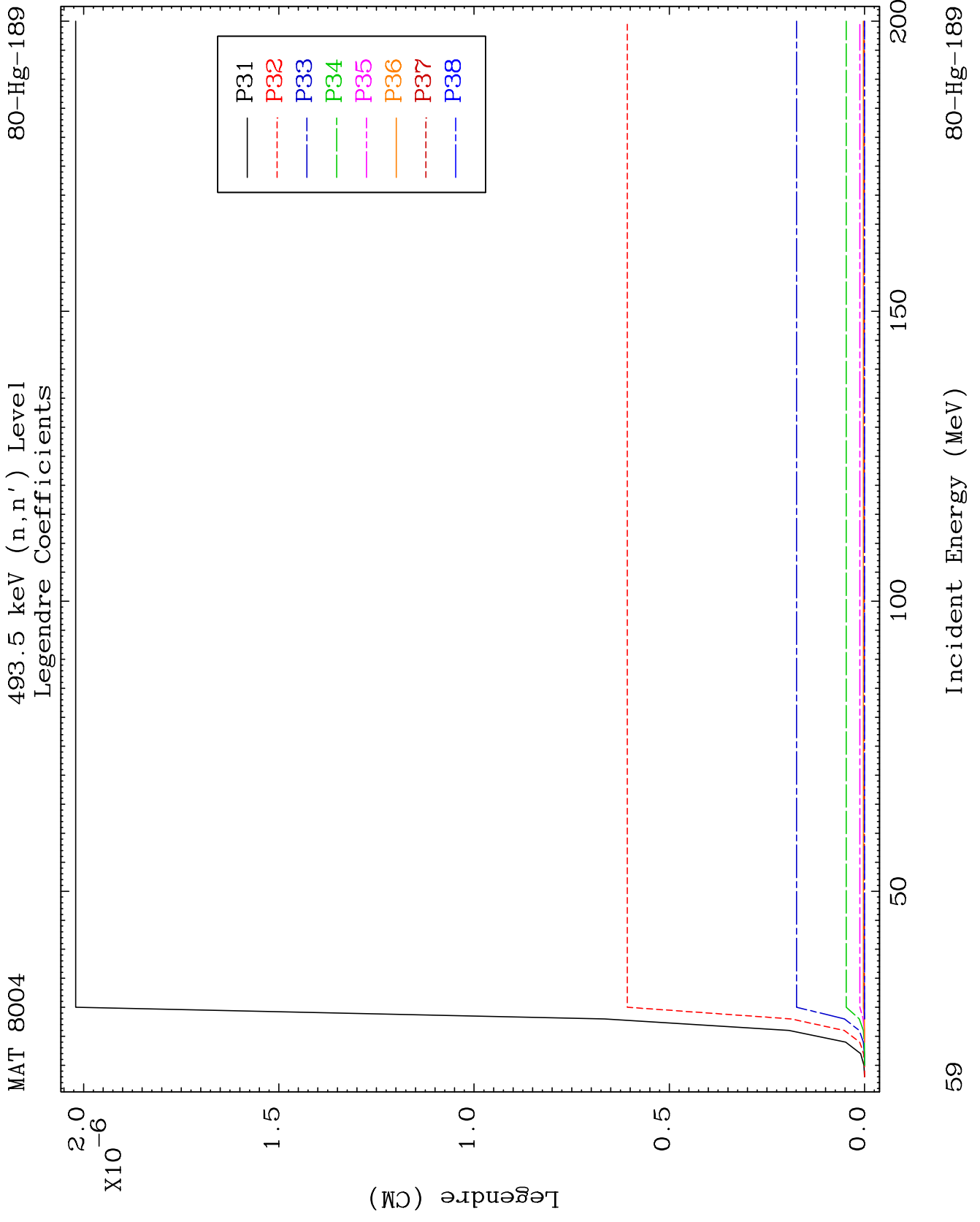
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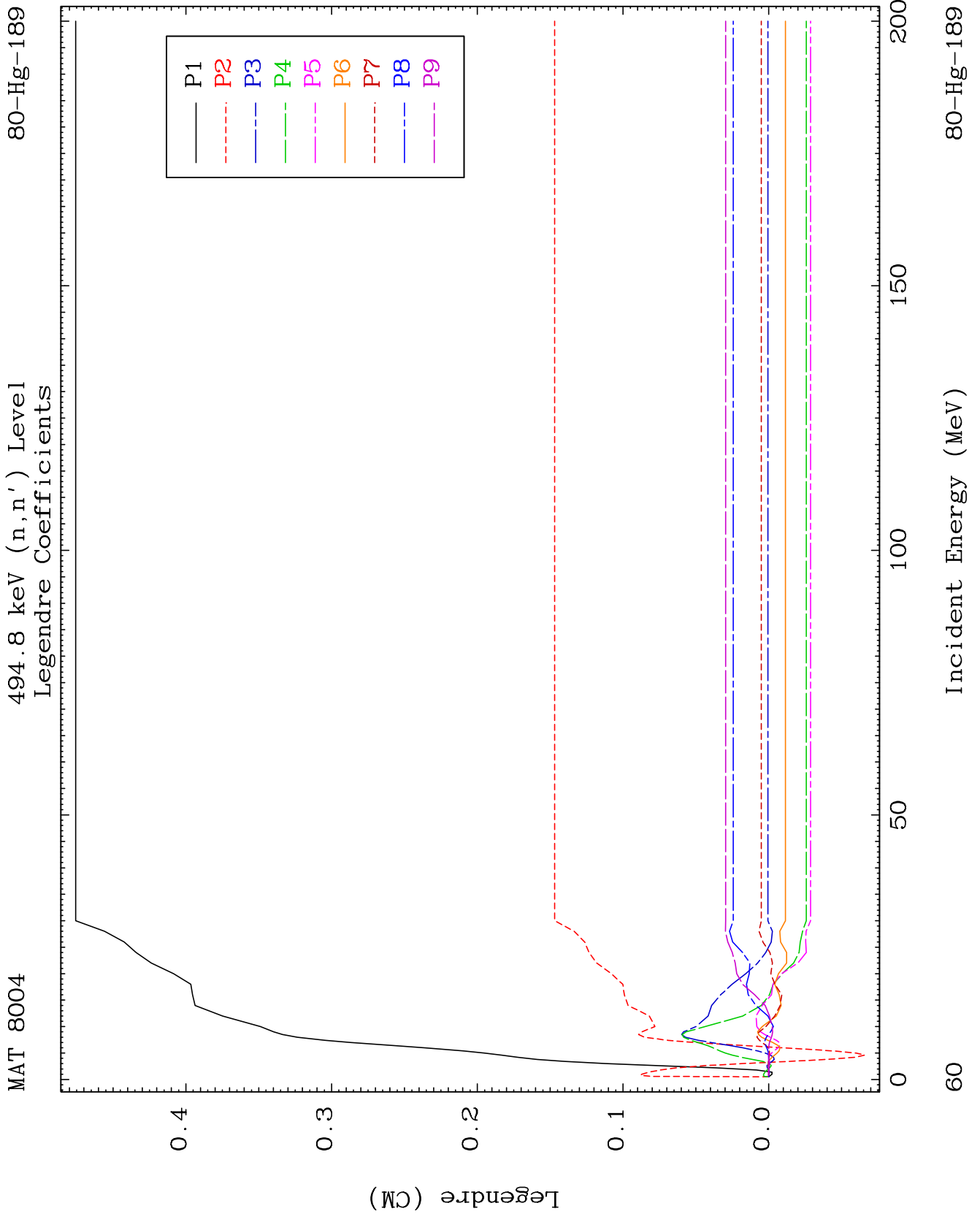


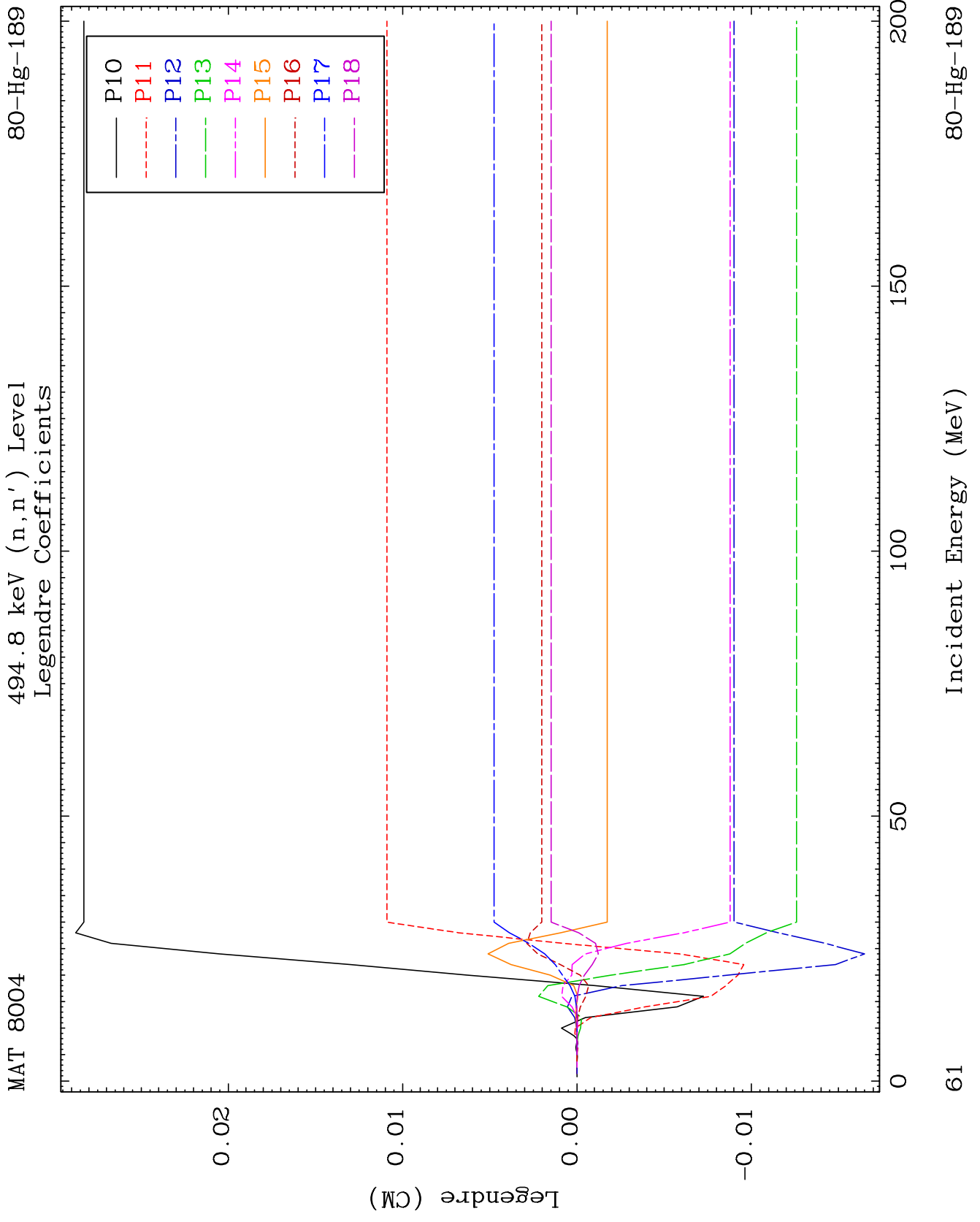
58

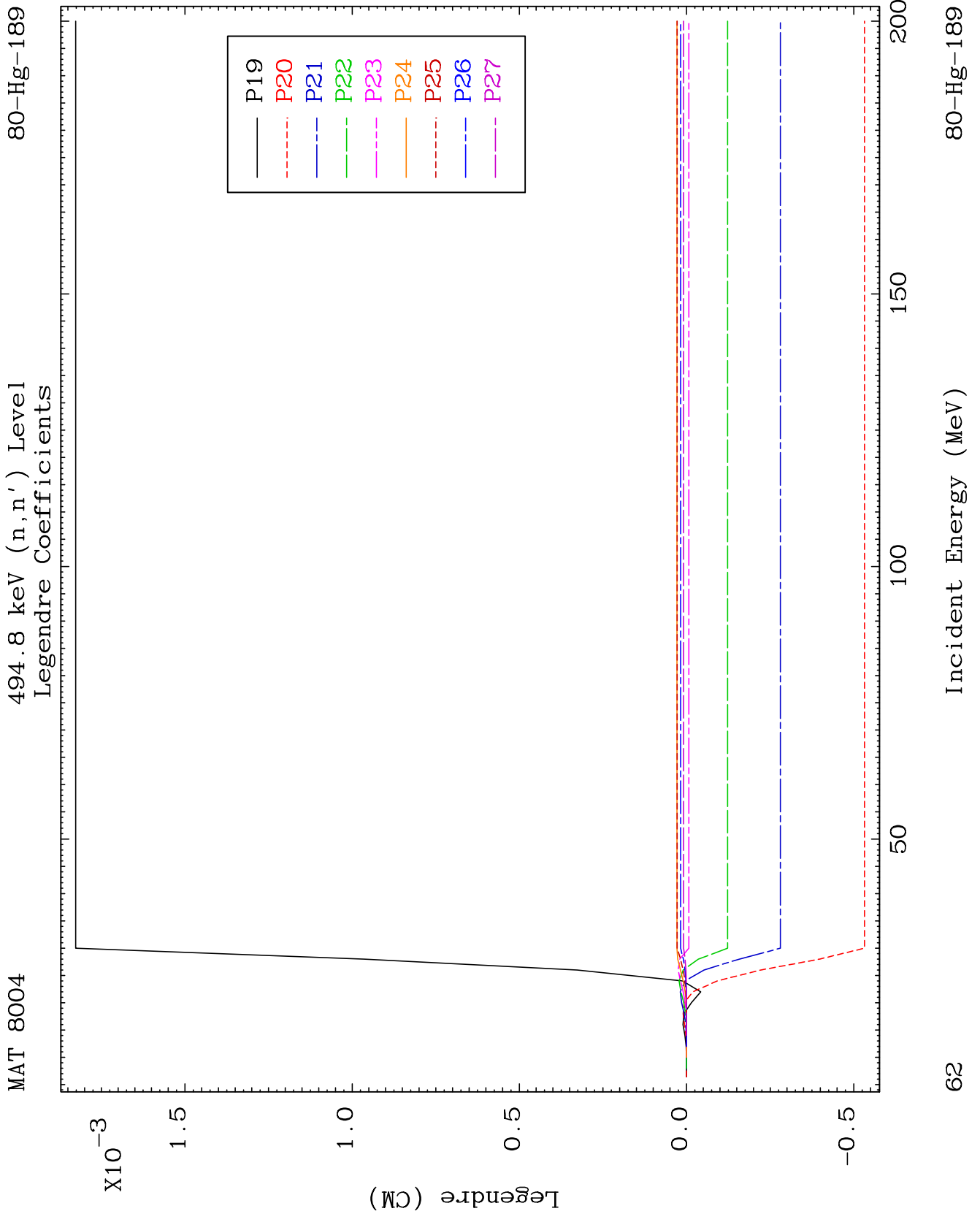
Incident Energy (MeV)

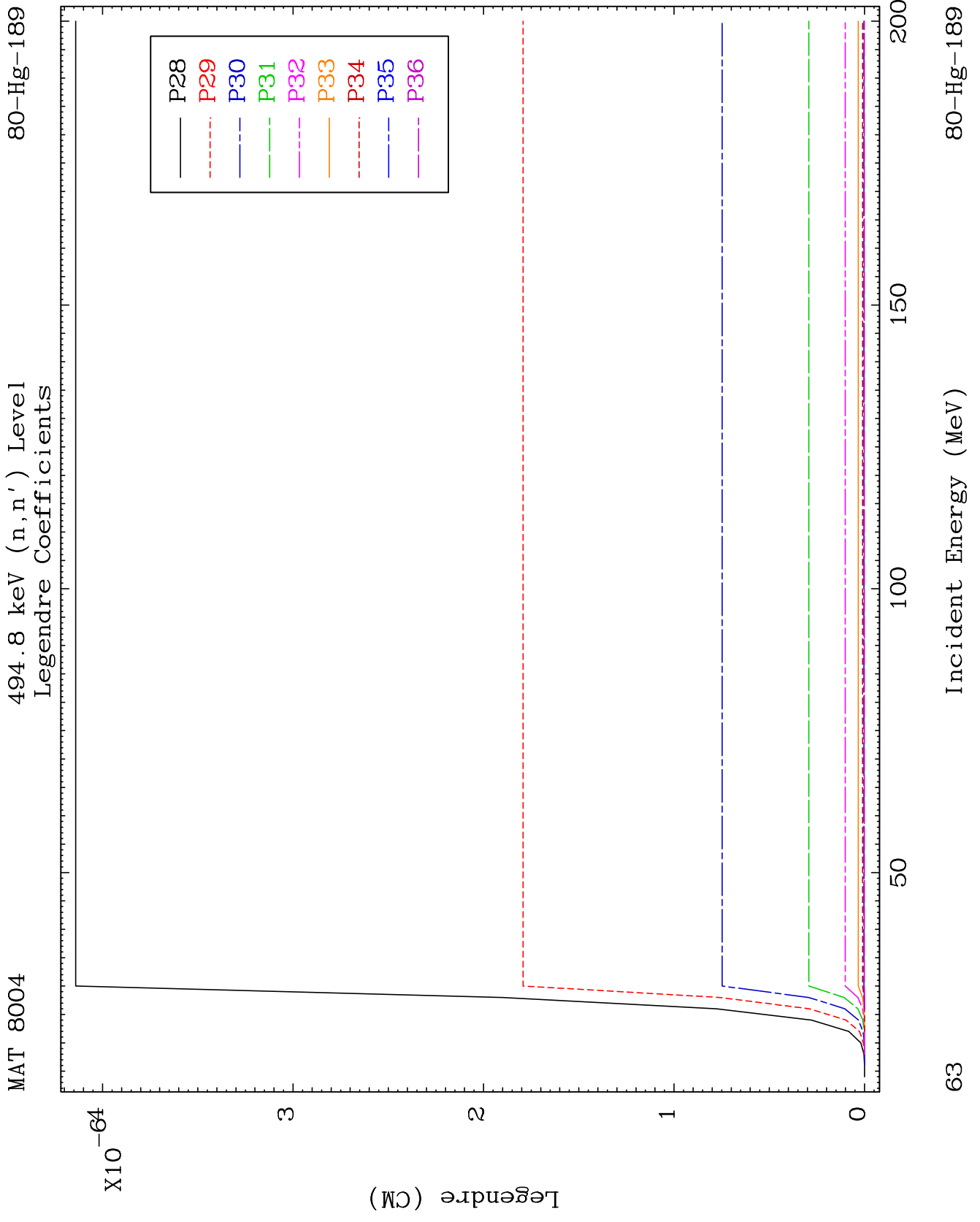
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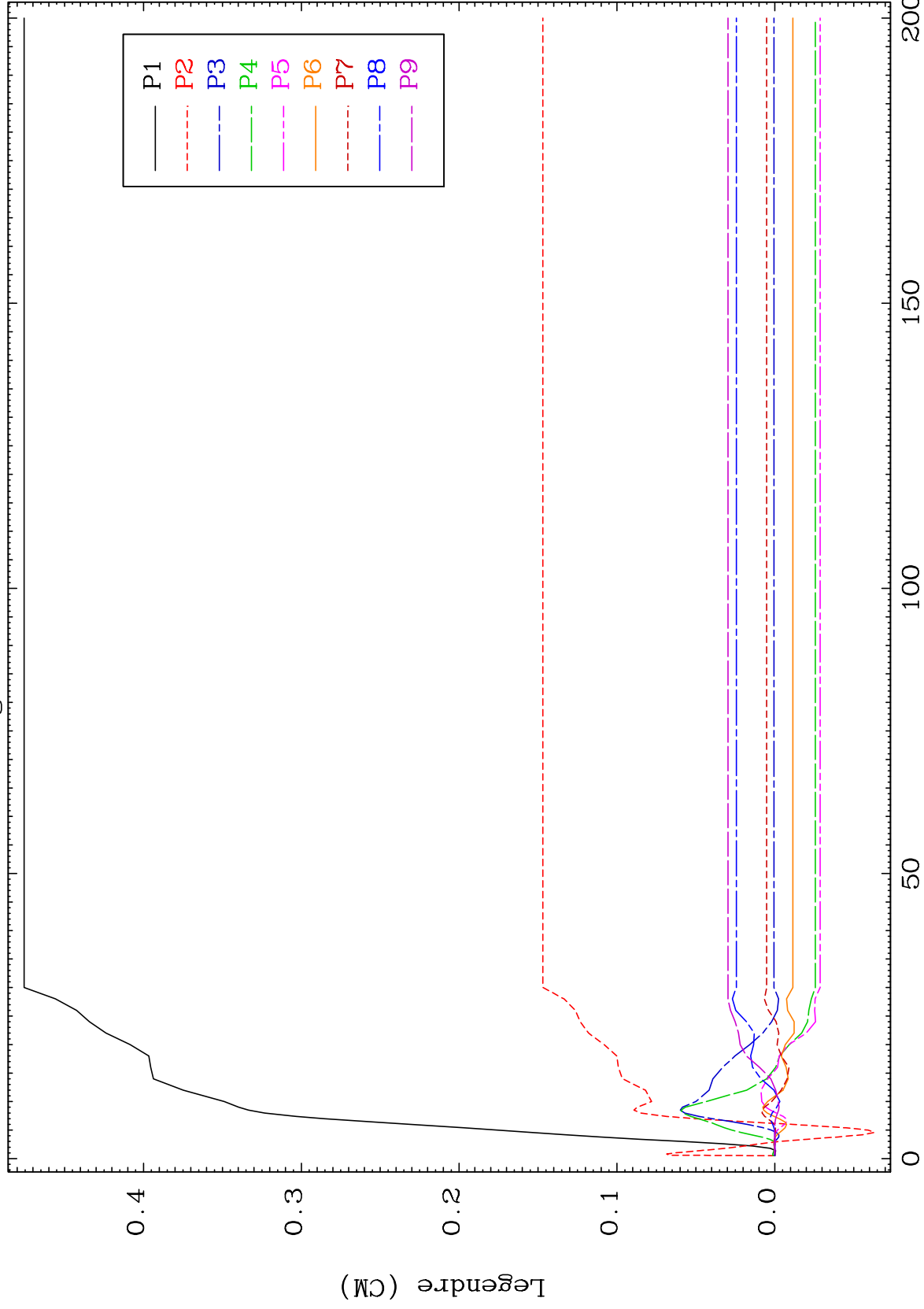




MAT 8004

496.5 keV (n,n') Level
Legendre Coefficients

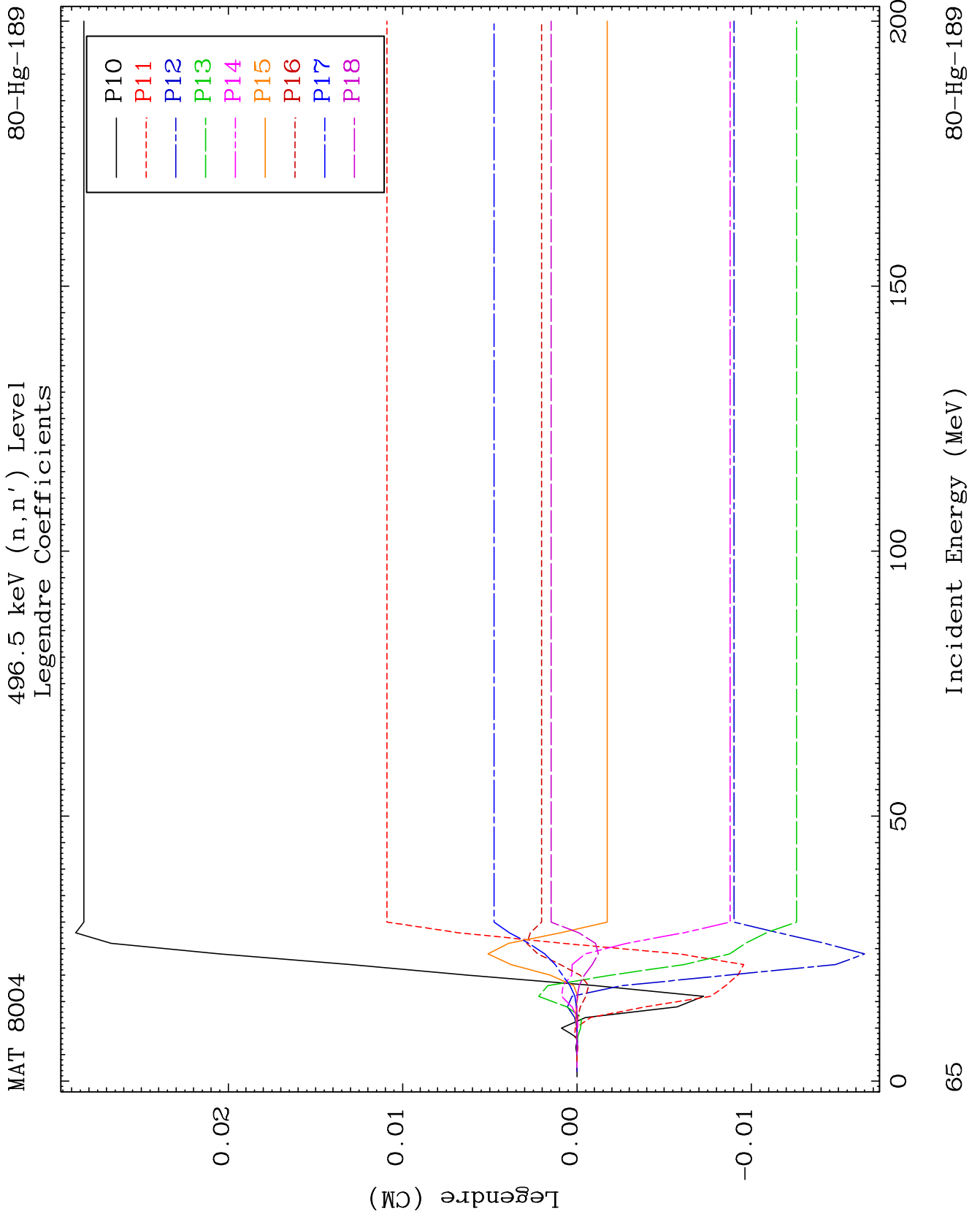
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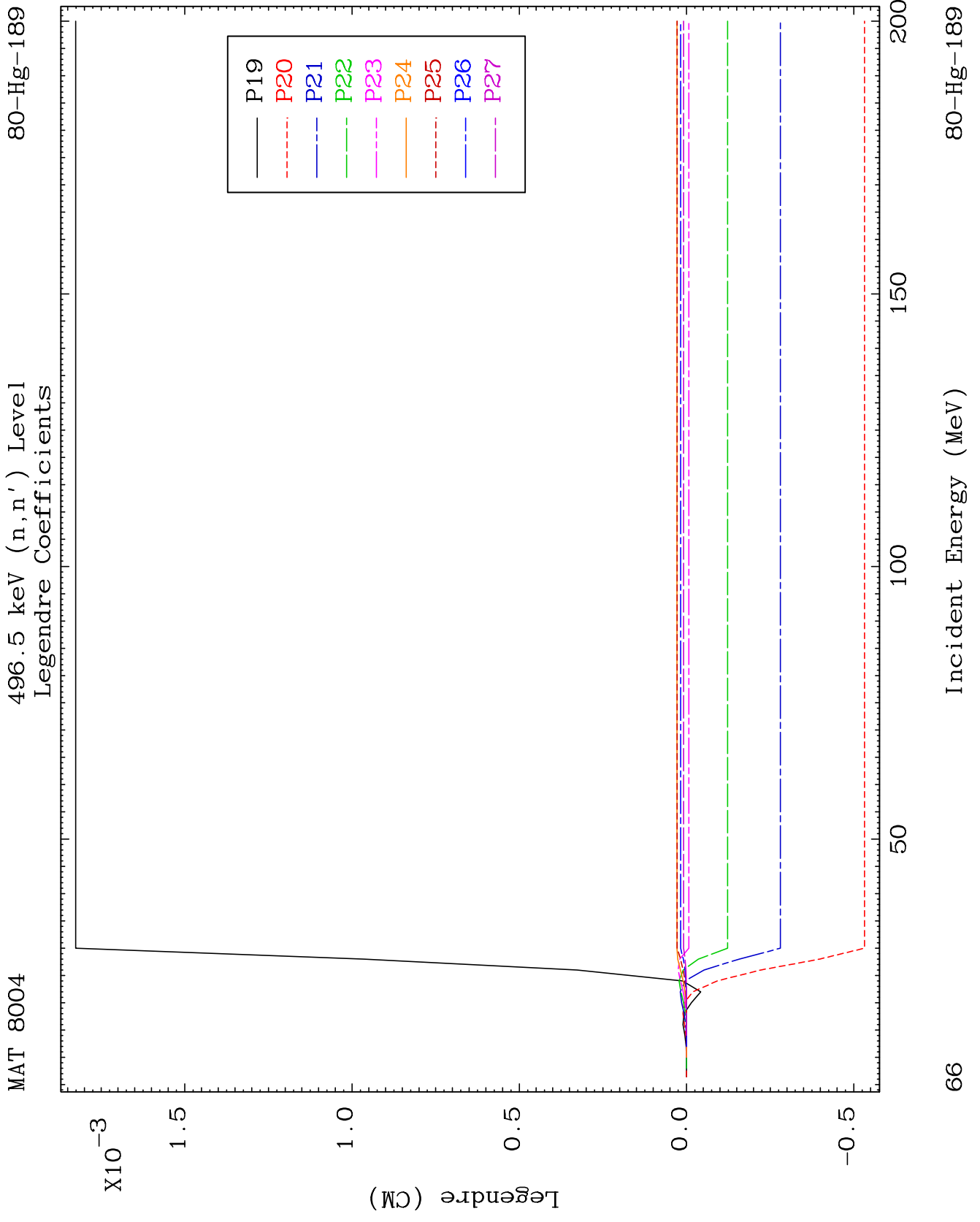


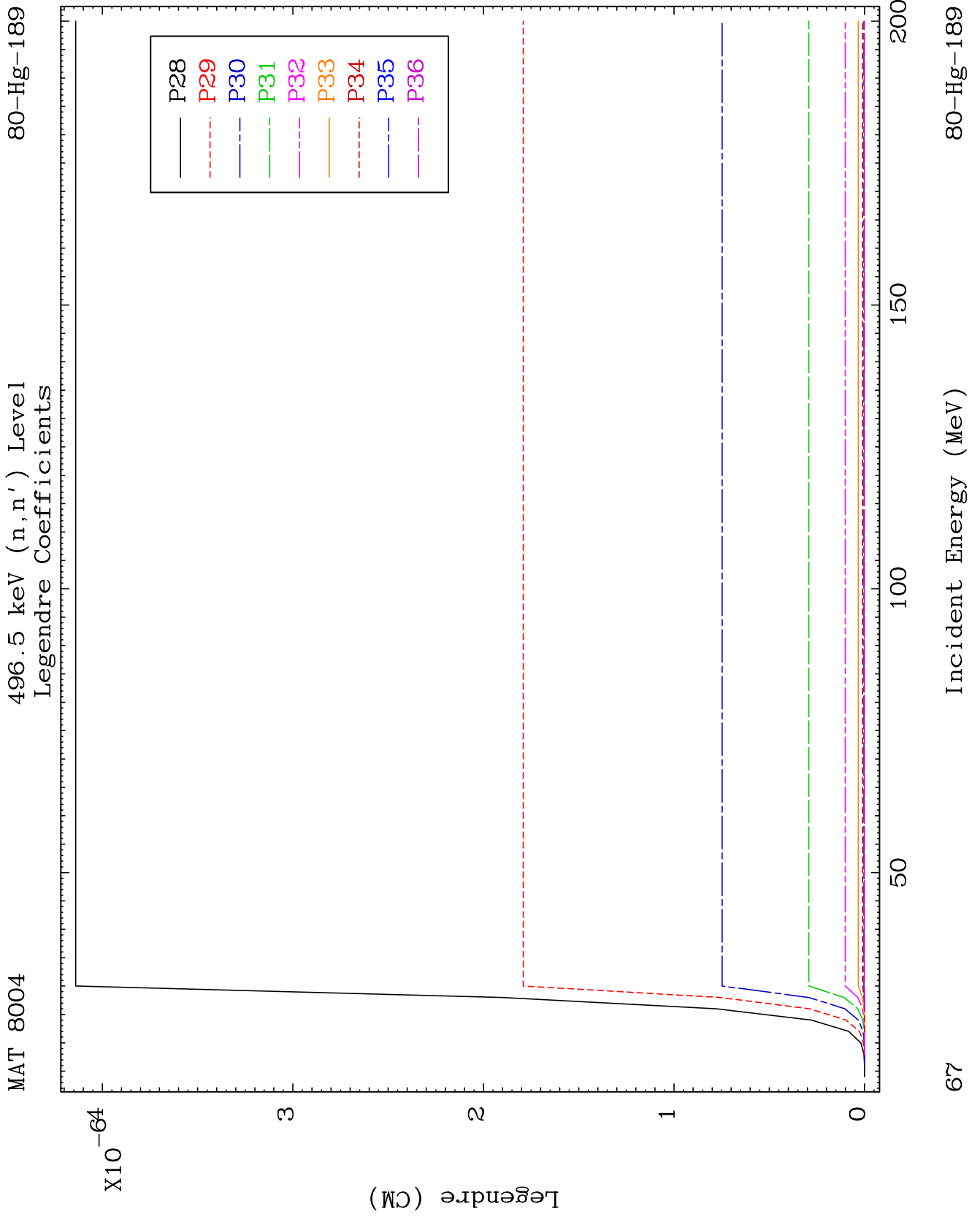
64

Incident Energy (MeV)

80-Hg-189



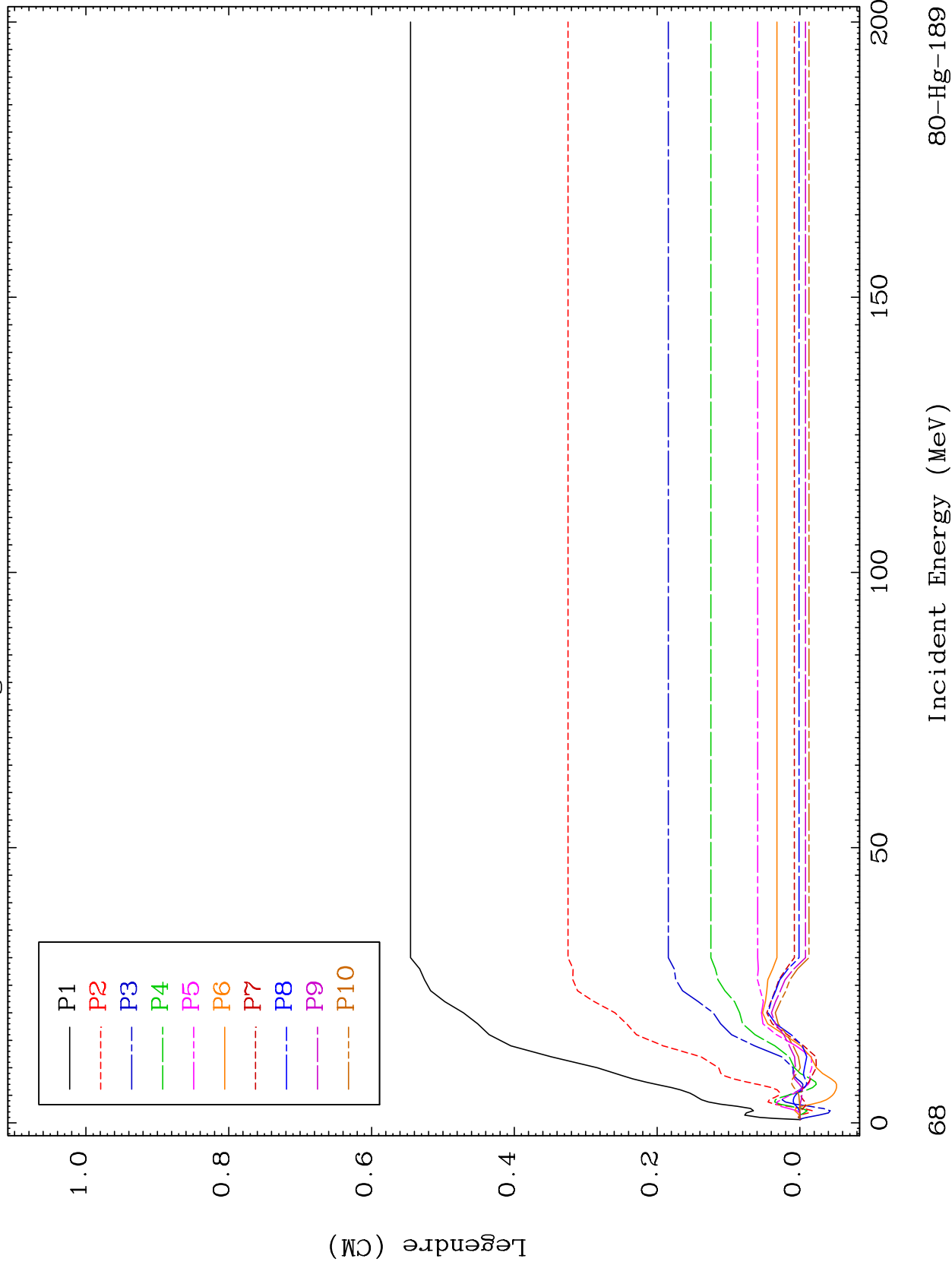




MAT 8004

498.7 keV (n, n') Level
Legendre Coefficients

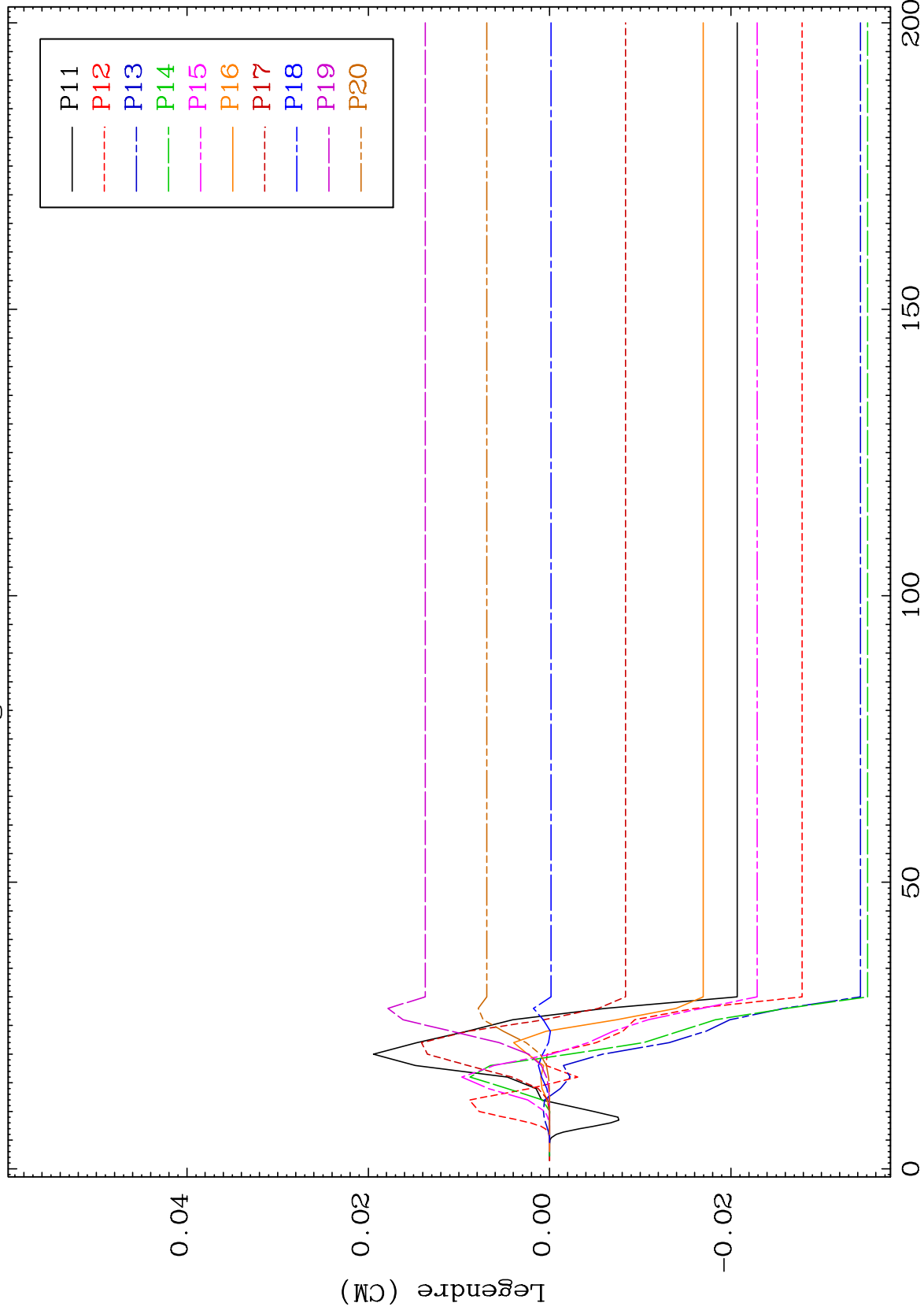
80-Hg-189



MAT 8004

498.7 keV (n,n') Level
Legendre Coefficients

80-Hg-189



69

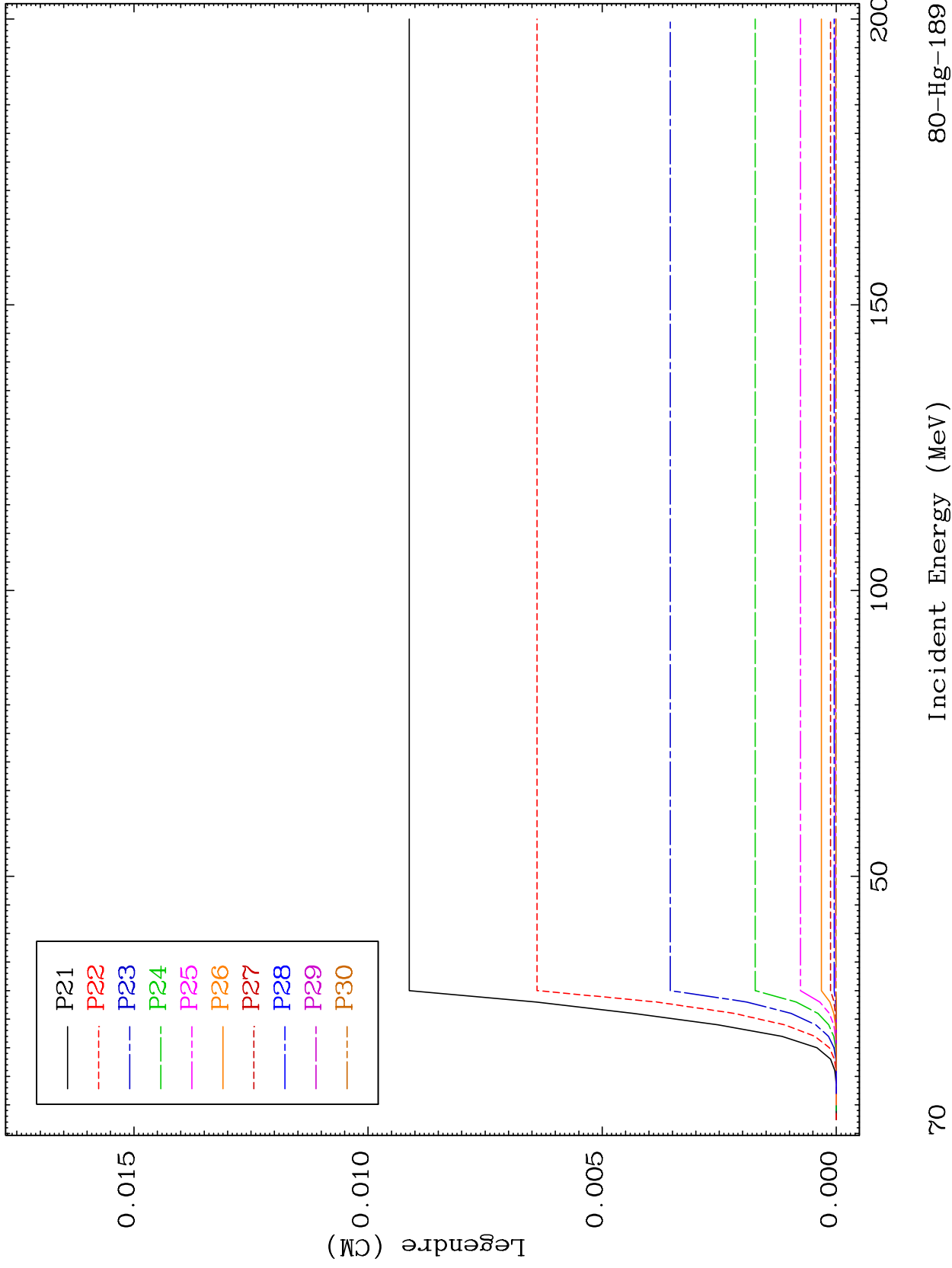
Incident Energy (MeV)

80-Hg-189

MAT 8004

498.7 keV (n, n') Level
Legendre Coefficients

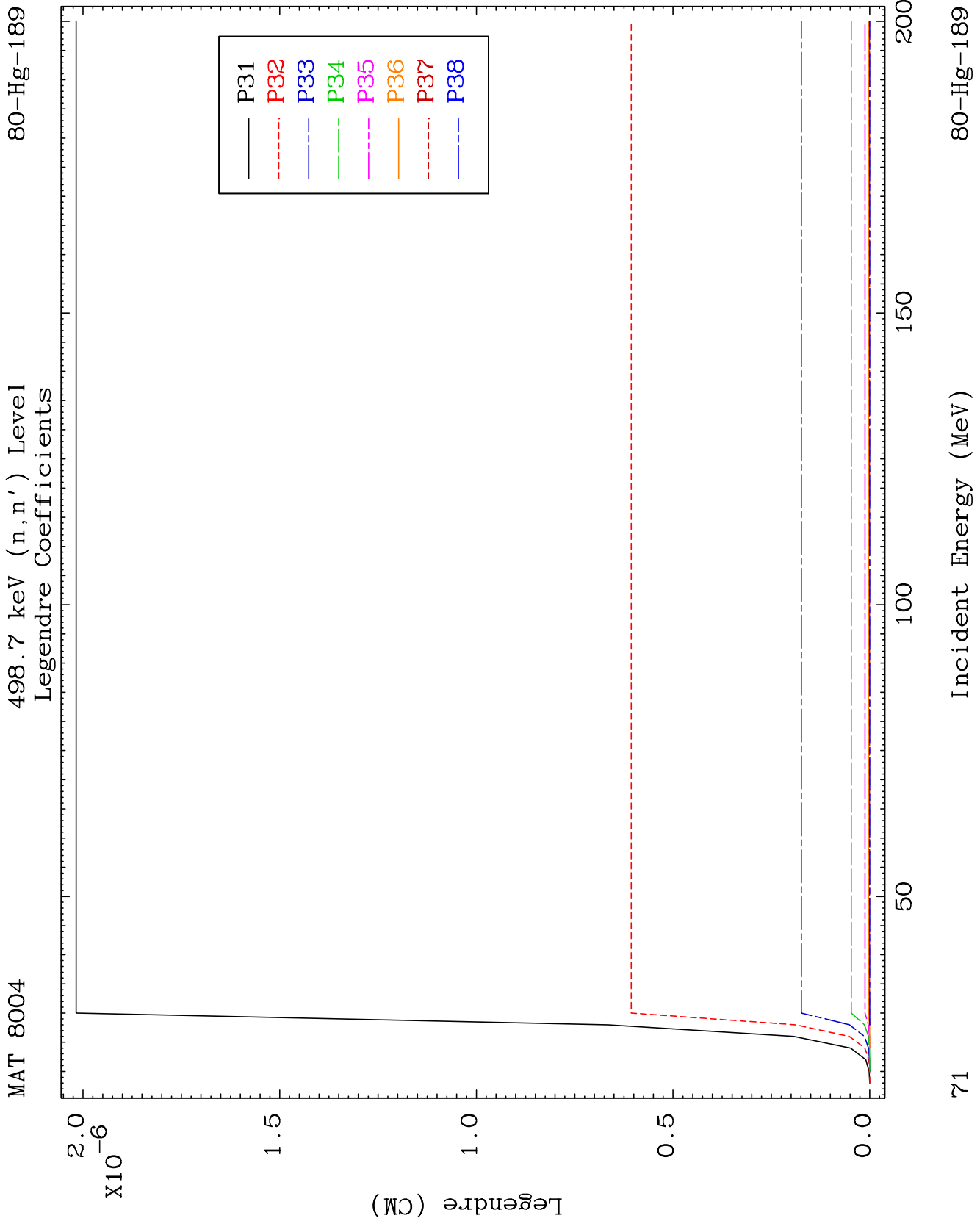
80-Hg-189

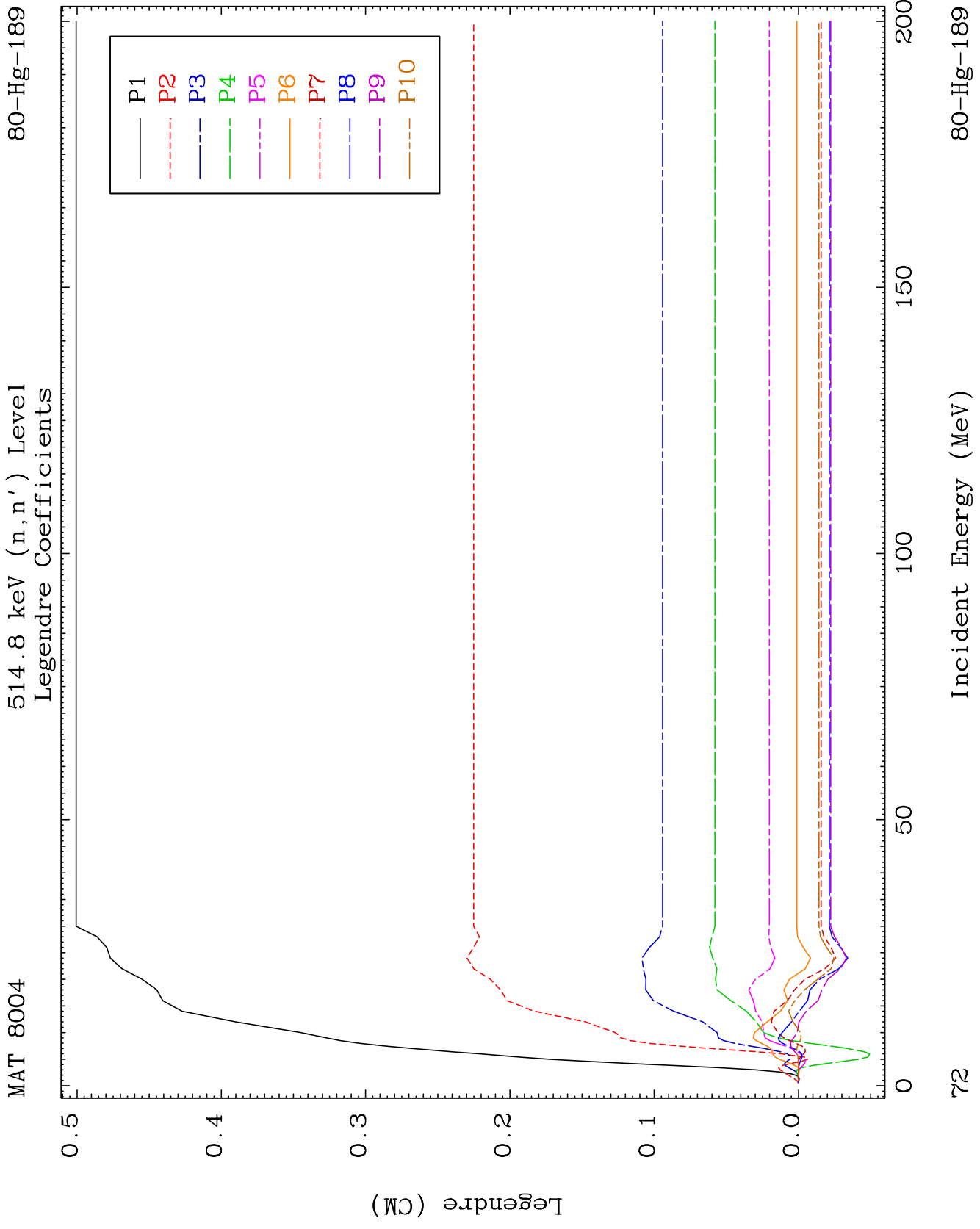


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Incident Energy (MeV)

80-Hg-189

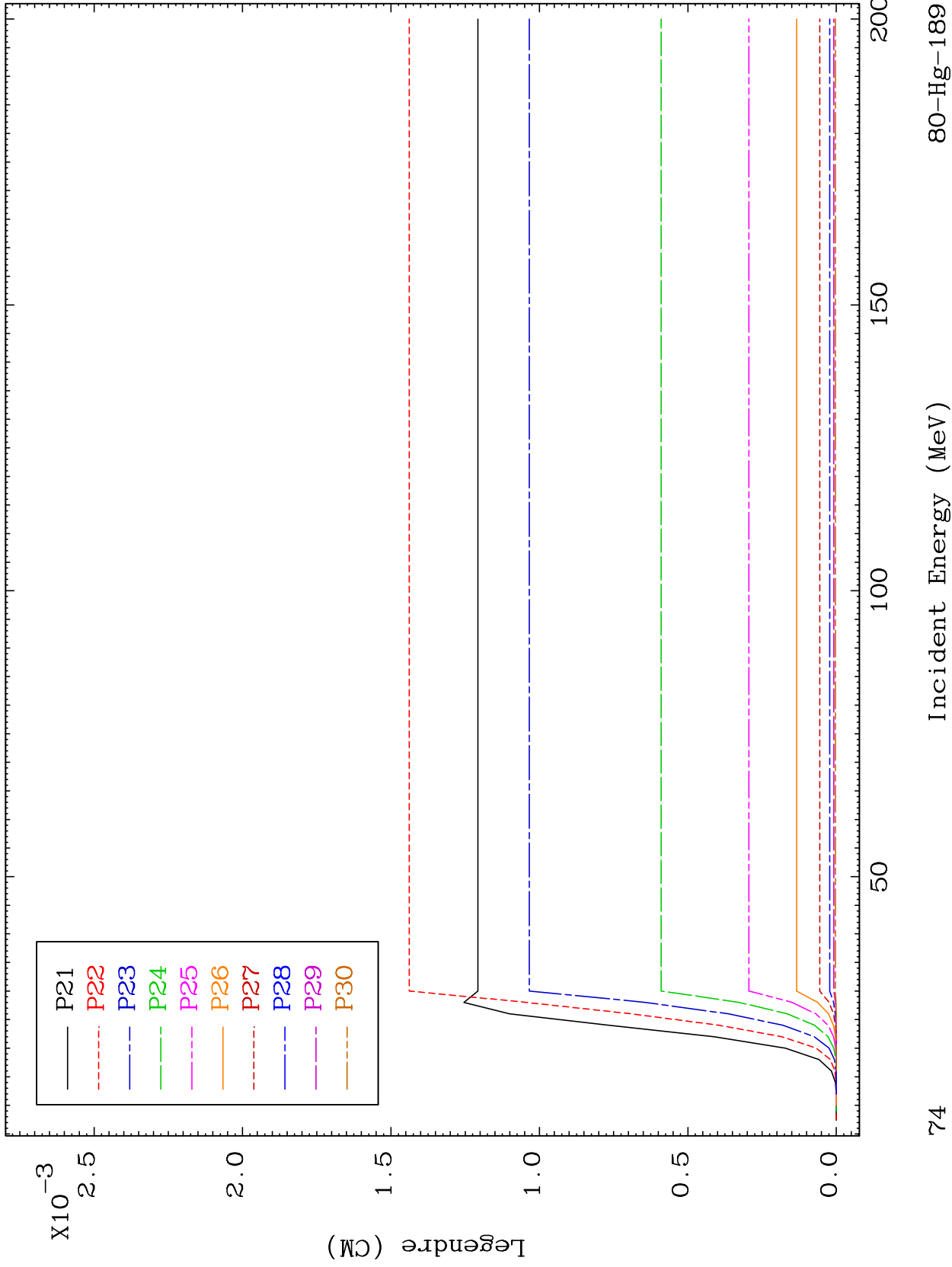




MAT 8004

514.8 keV (n,n') Level
Legendre Coefficients

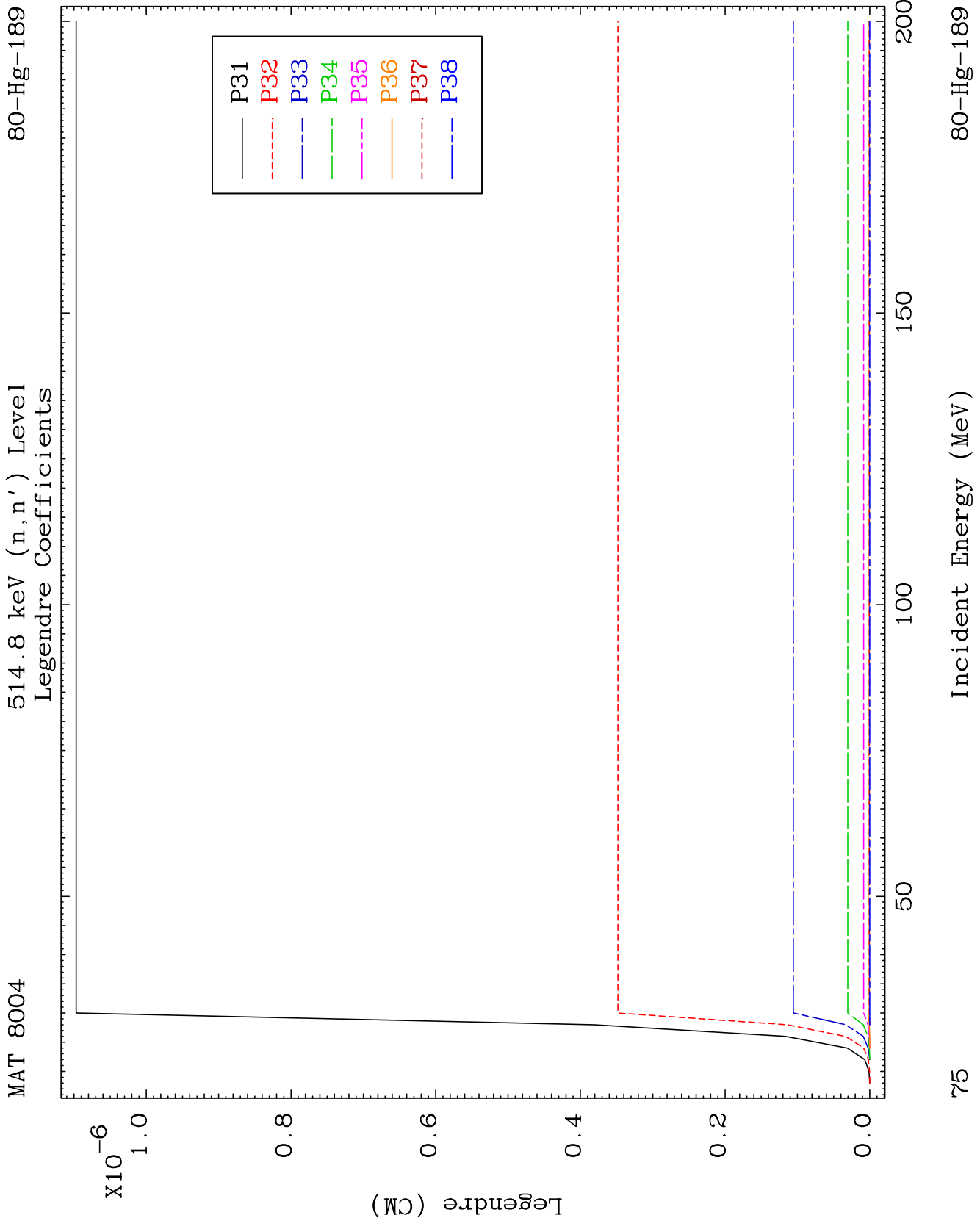
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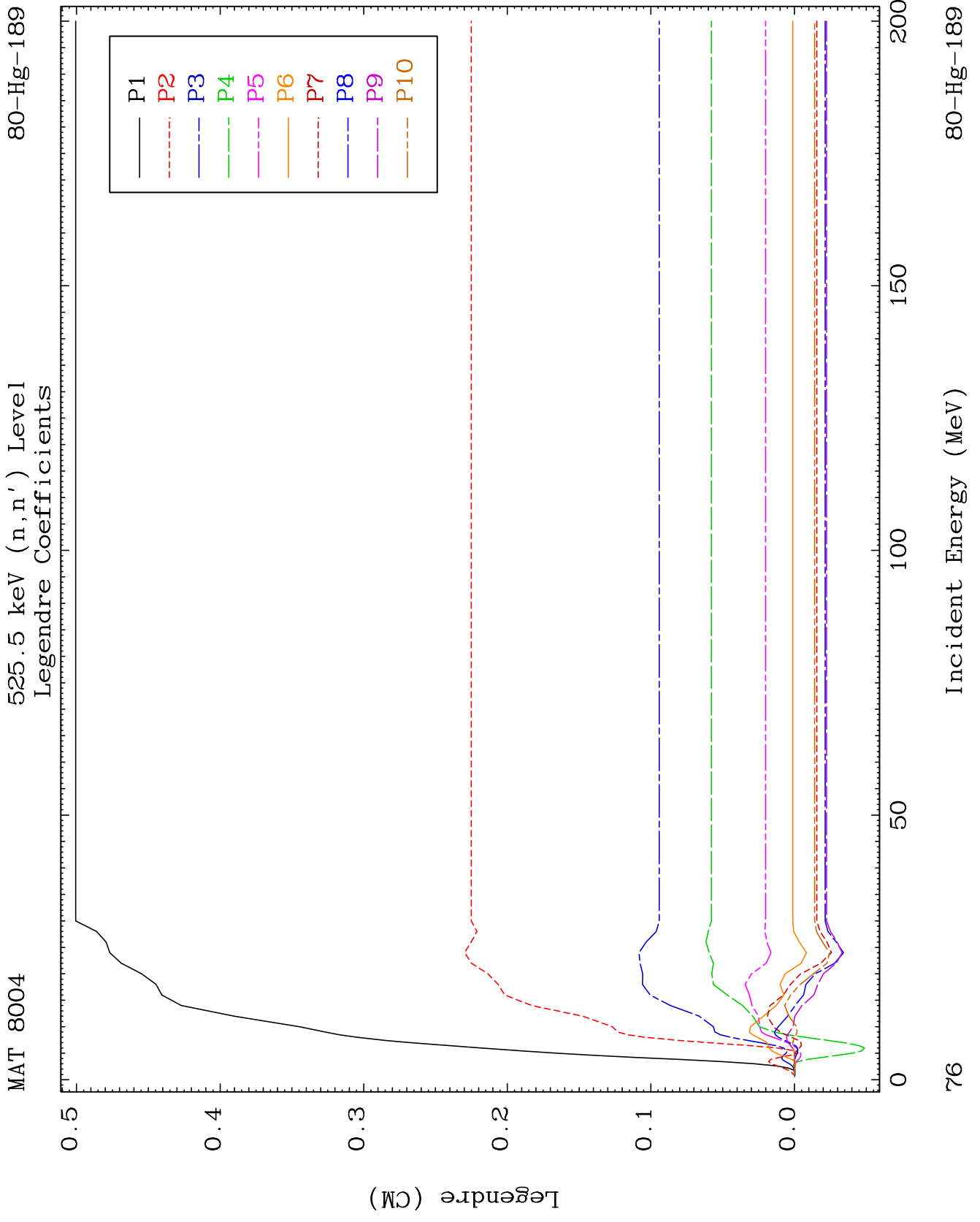


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Incident Energy (MeV)

80-Hg-189

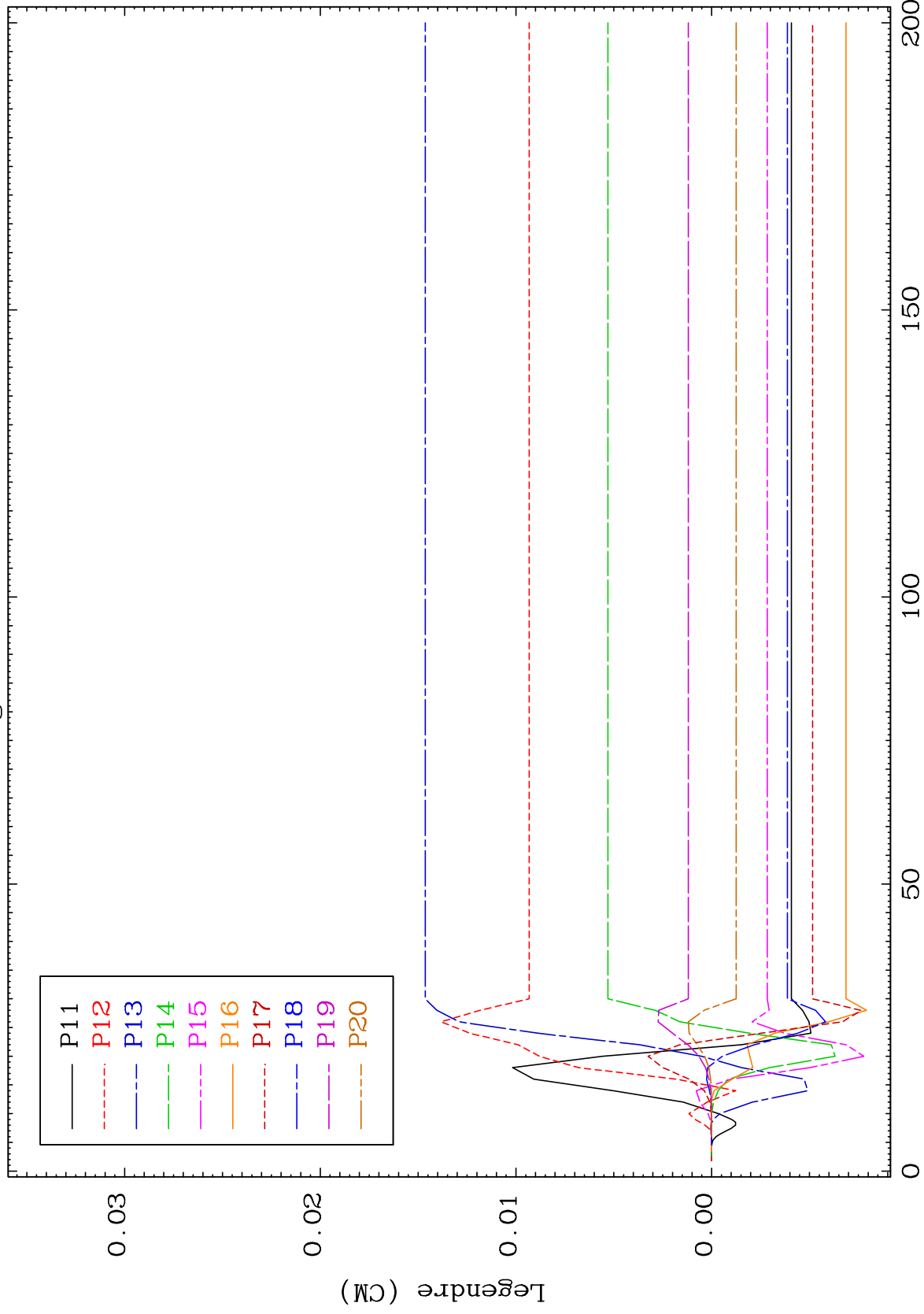




MAT 8004

525.5 keV (n,n') Level
Legendre Coefficients

80-Hg-189



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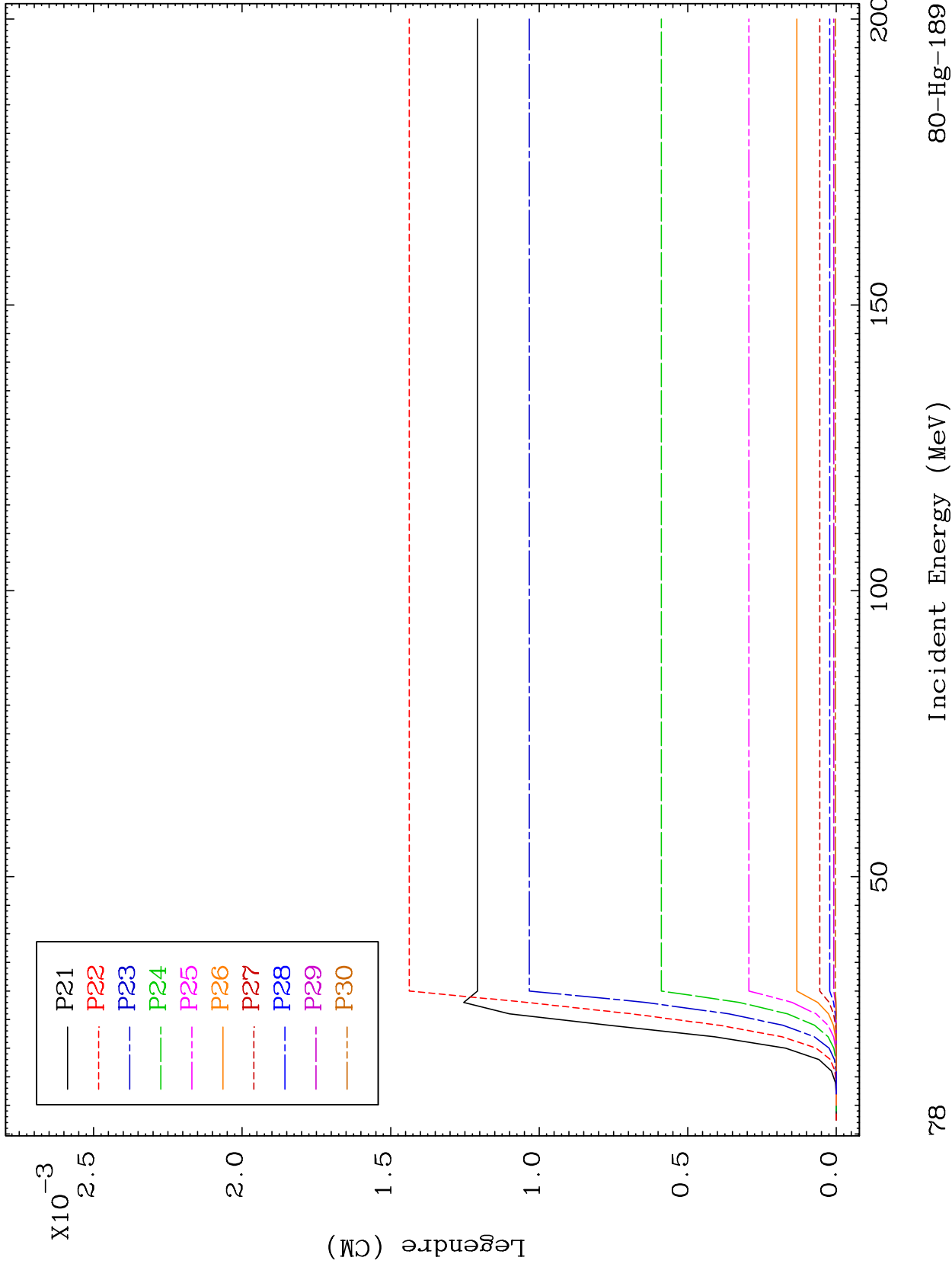
Incident Energy (MeV)

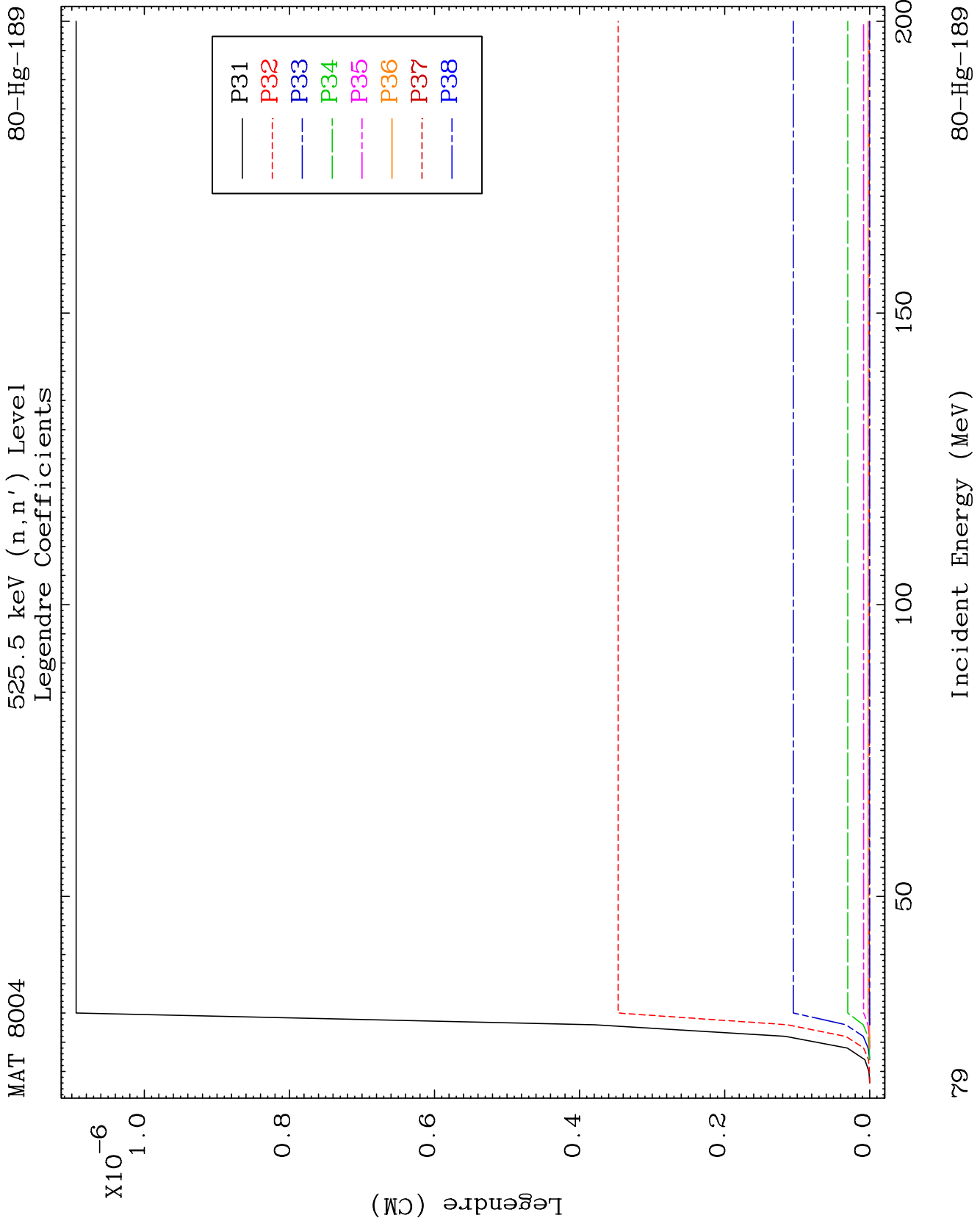
80-Hg-189

MAT 8004

525.5 keV (n,n') Level
Legendre Coefficients

80-Hg-189

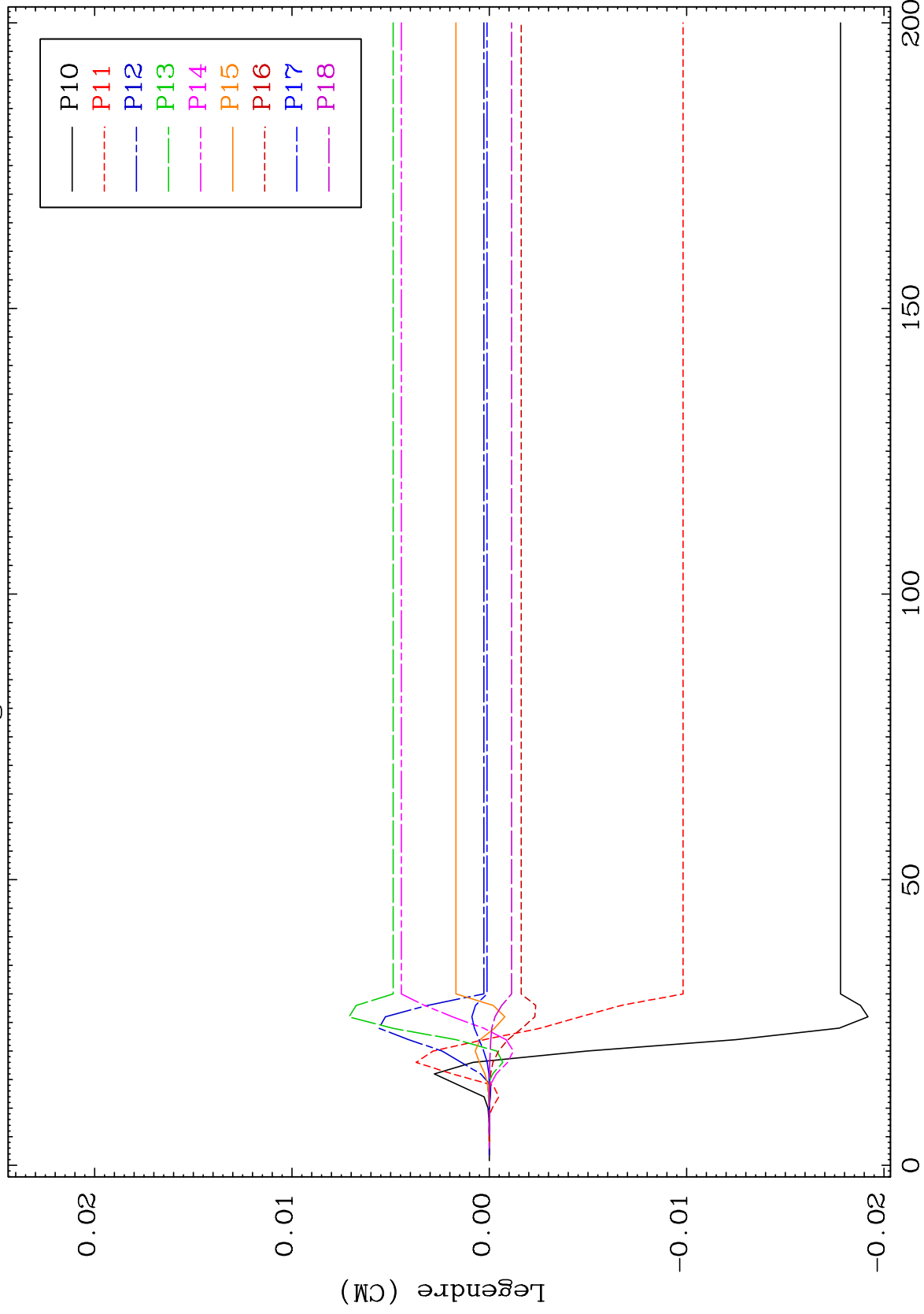




MAT 8004

535.1 keV (n,n') Level
Legendre Coefficients

80-Hg-189



81

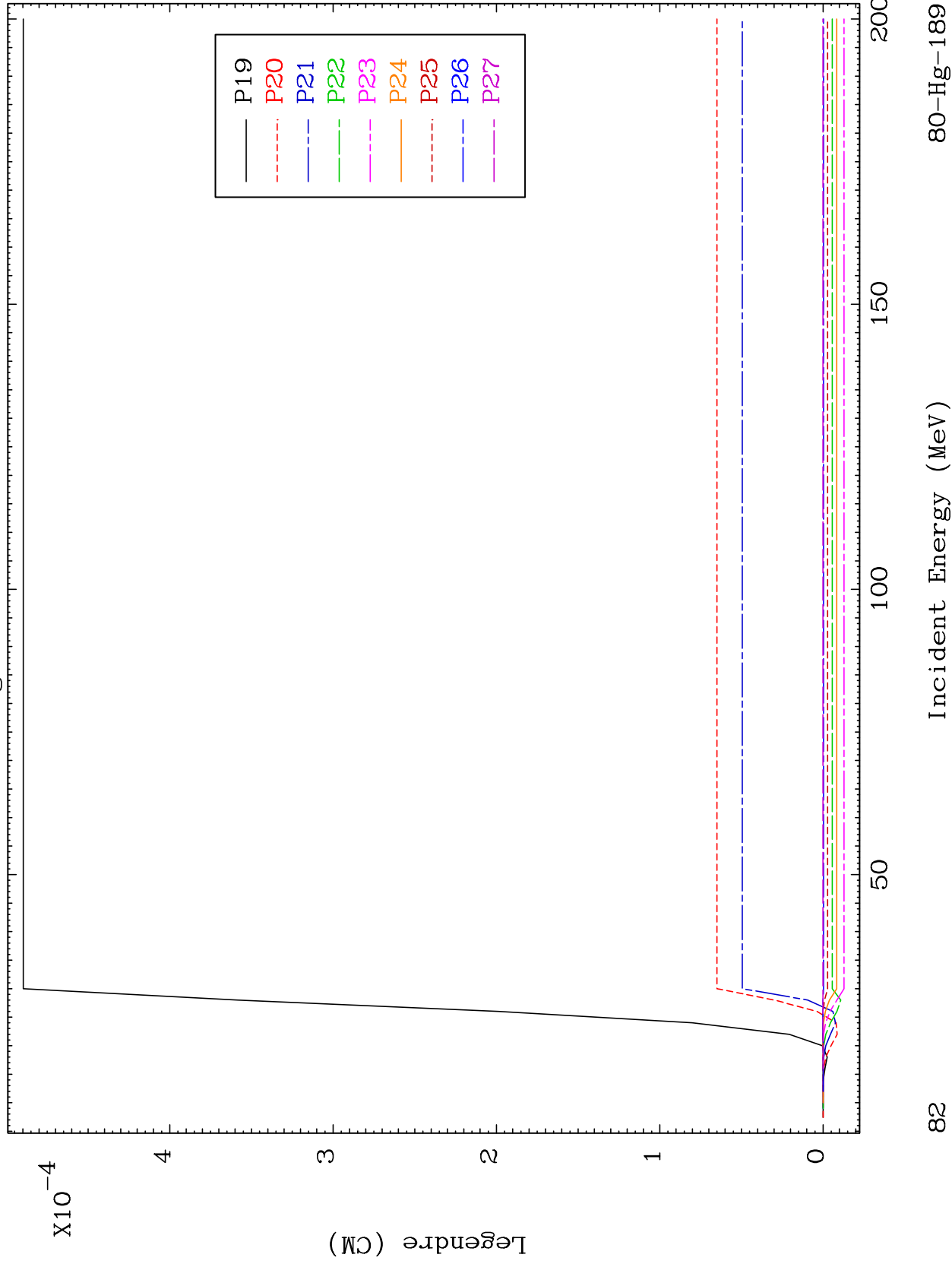
Incident Energy (MeV)

80-Hg-189

MAT 8004

535.1 keV (n,n') Level
Legendre Coefficients

80-Hg-189

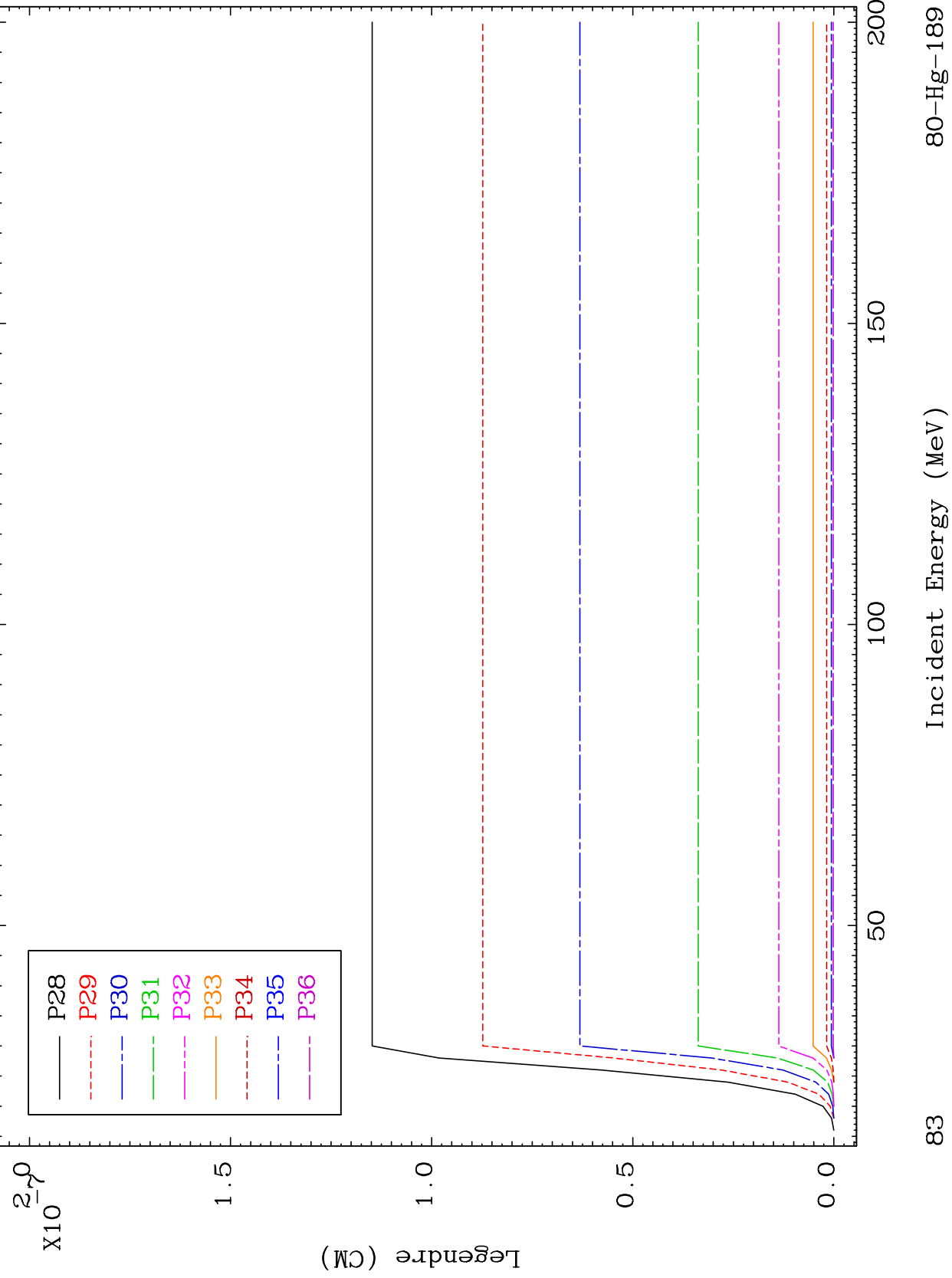


82

MAT 8004

535.1 keV (n,n') Level
Legendre Coefficients

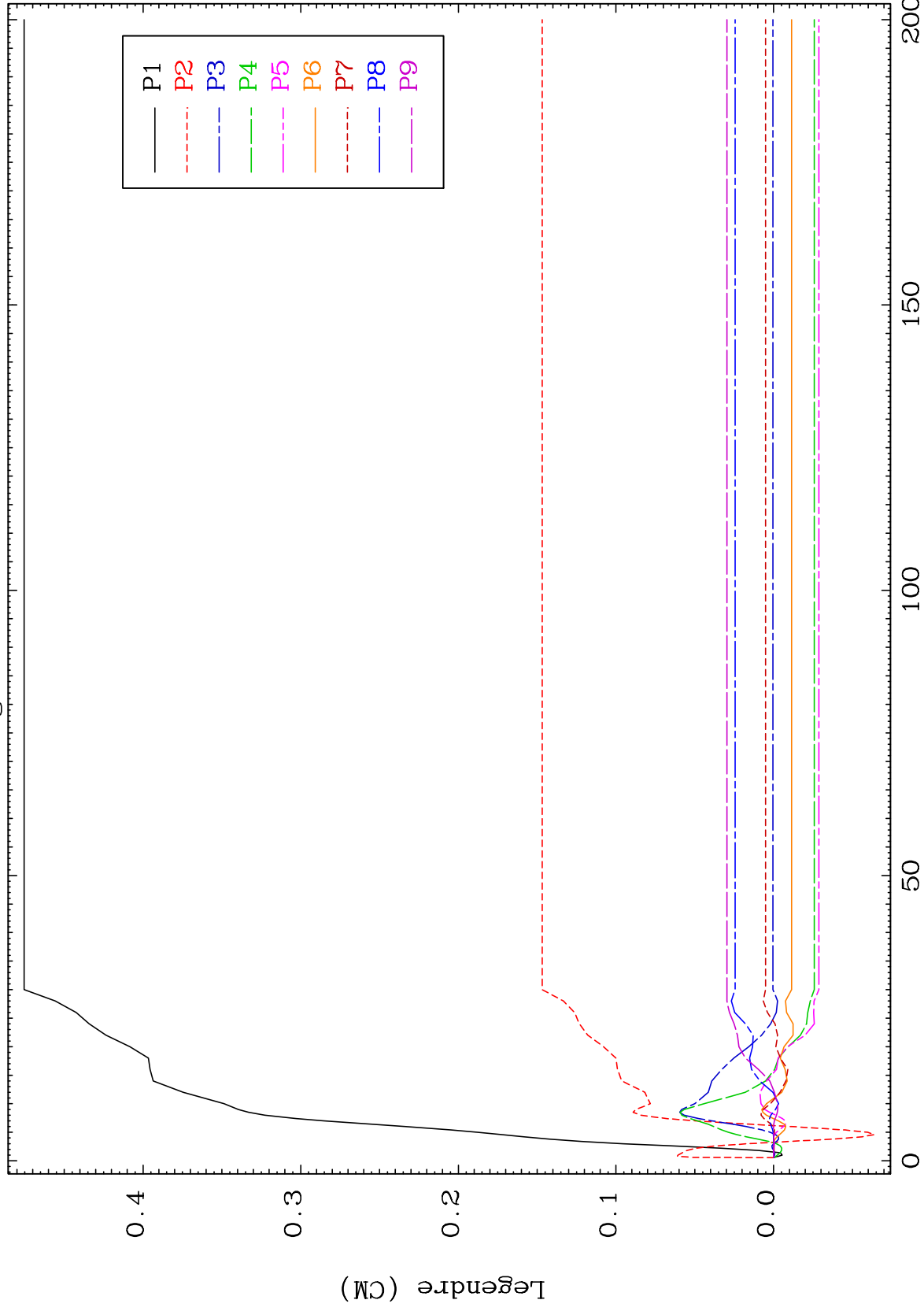
80-Hg-189



MAT 8004

539.1 keV (n,n') Level
Legendre Coefficients

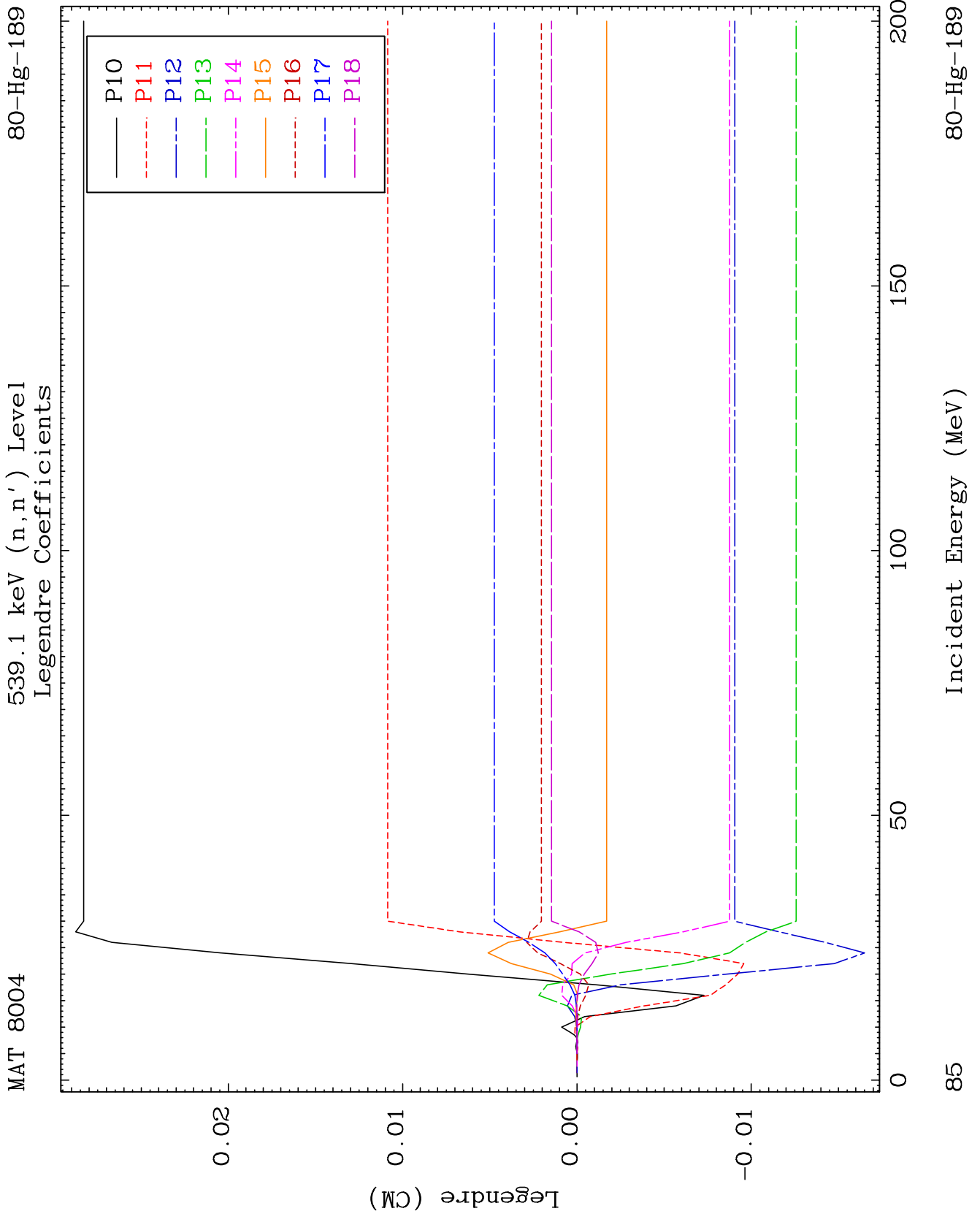
80-Hg-189

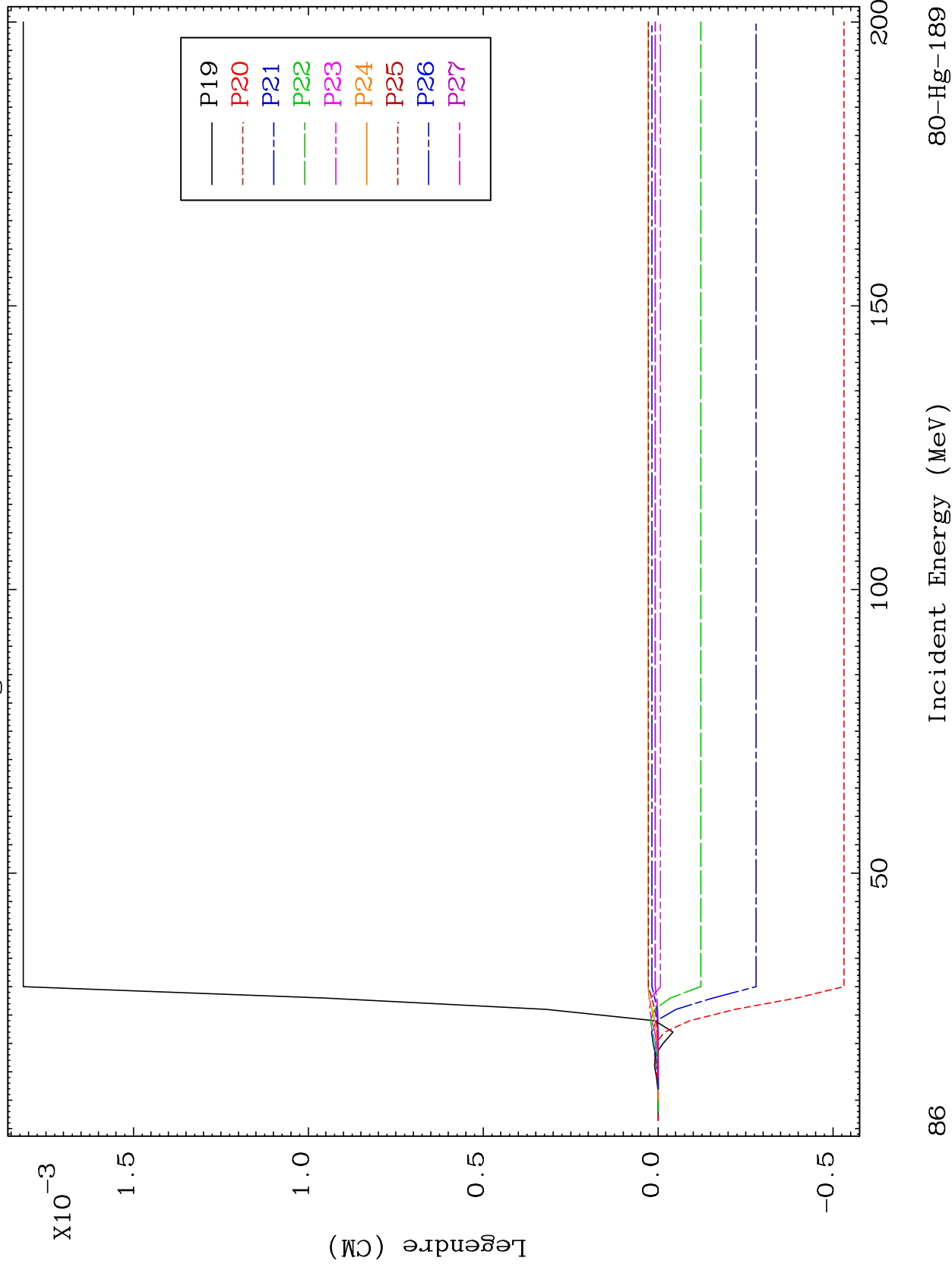


84

Incident Energy (MeV)

80-Hg-189

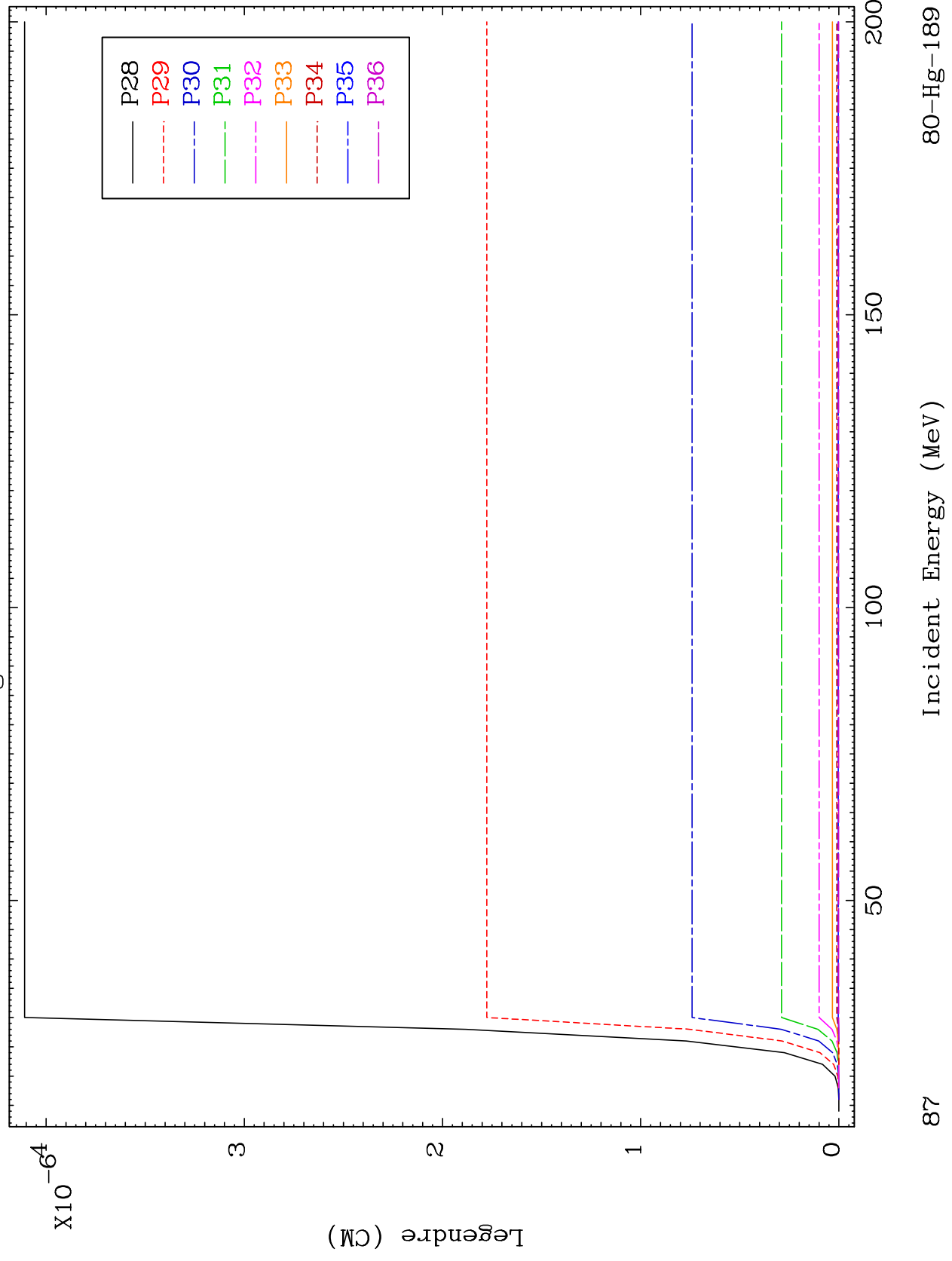




MAT 8004

539.1 keV (n,n') Level
Legendre Coefficients

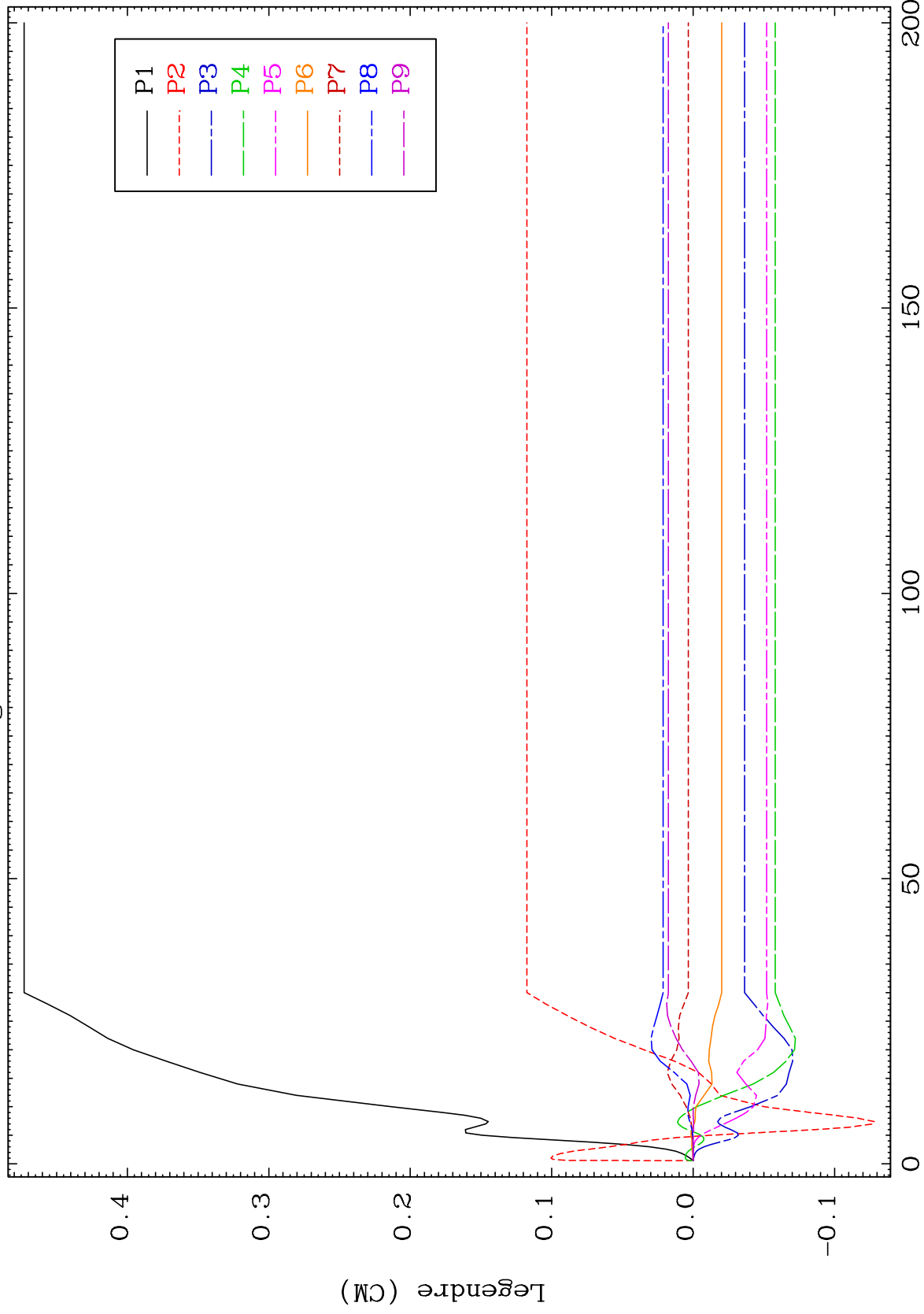
80-Hg-189



MAT 8004

542.2 keV (n,n') Level
Legendre Coefficients

80-Hg-189



88

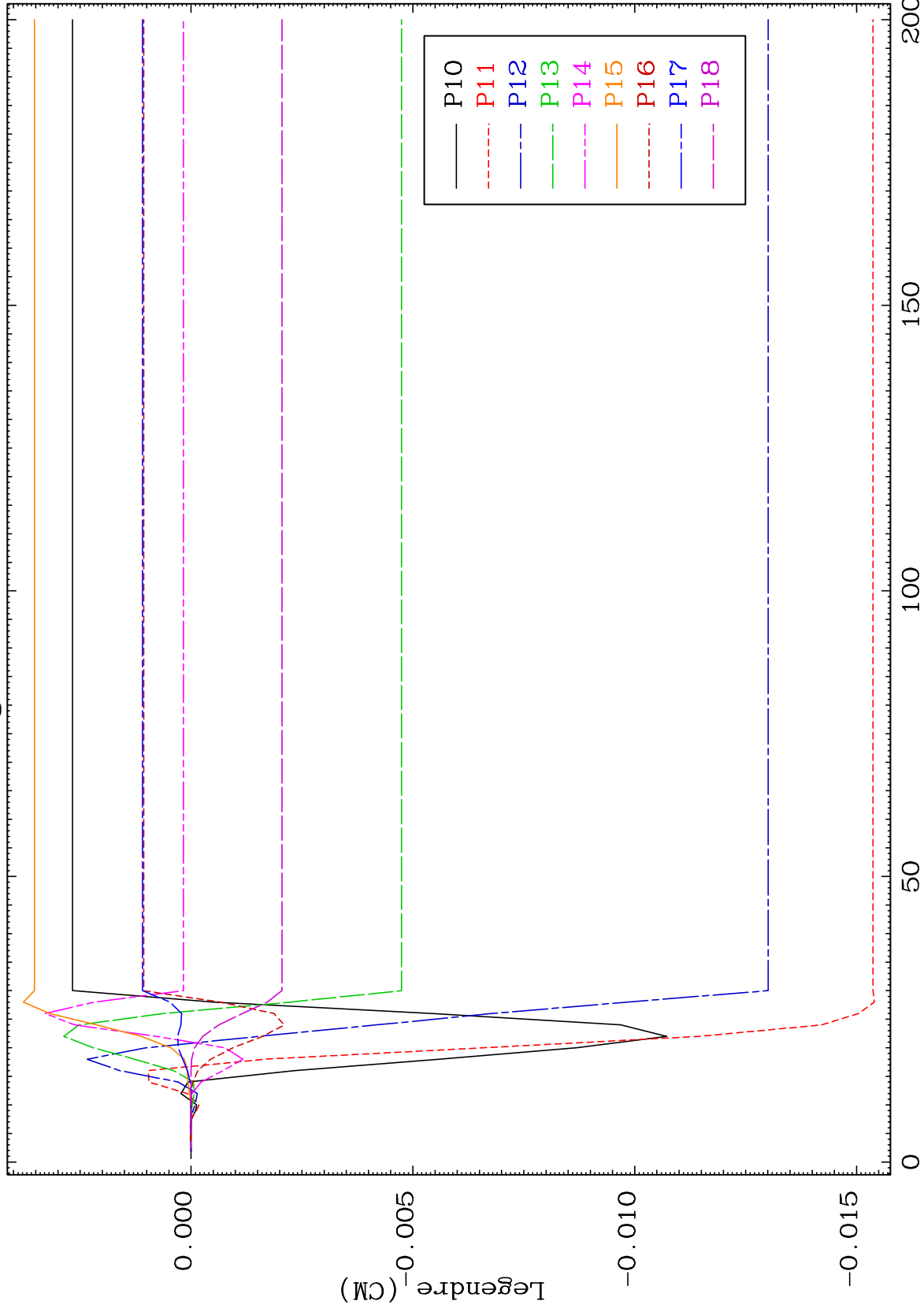
Incident Energy (MeV)

80-Hg-189

MAT 8004

542.2 keV (n,n') Level
Legendre Coefficients

80-Hg-189



89

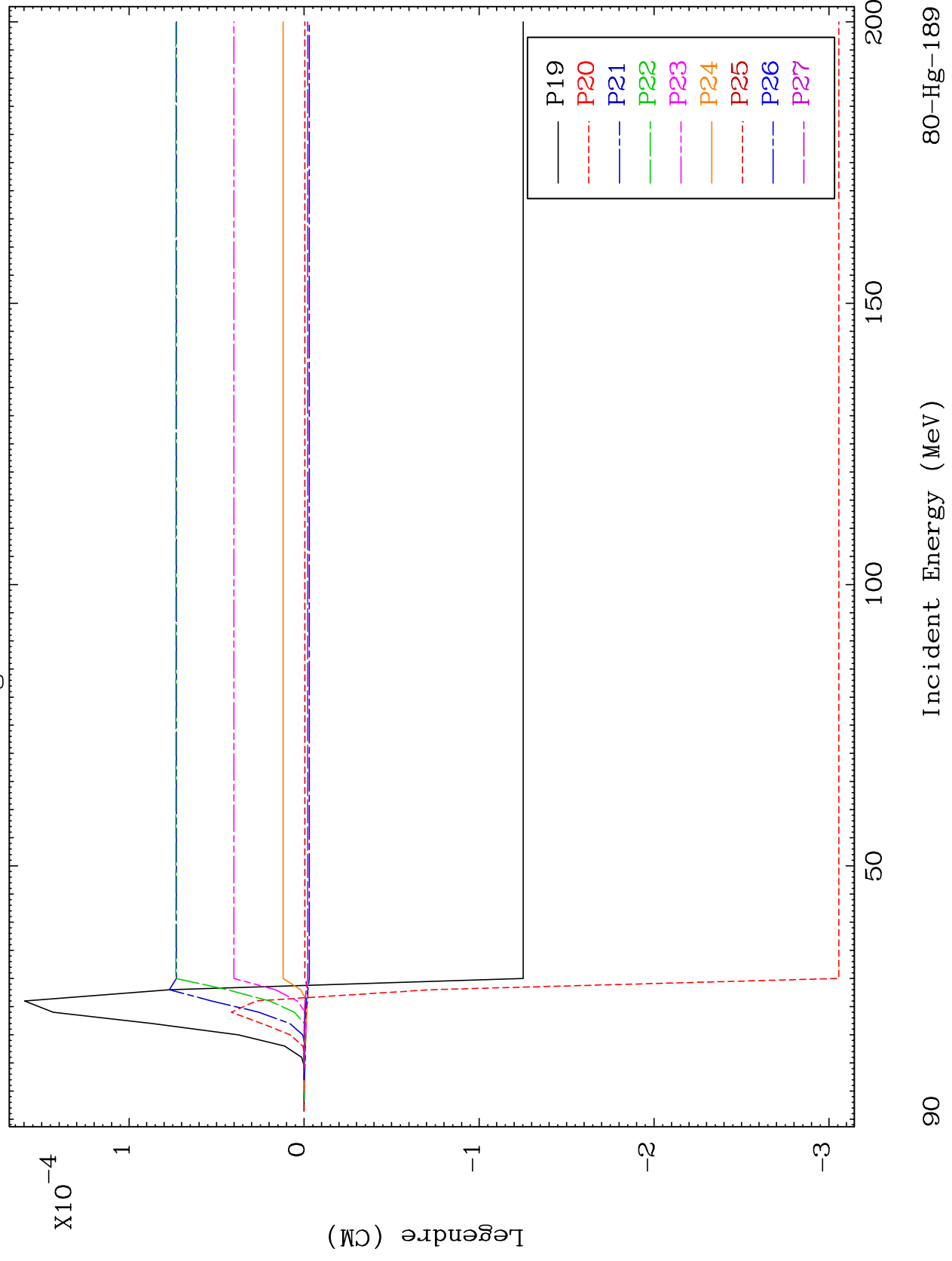
Incident Energy (MeV)

80-Hg-189

MAT 8004

542.2 keV (n,n') Level
Legendre Coefficients

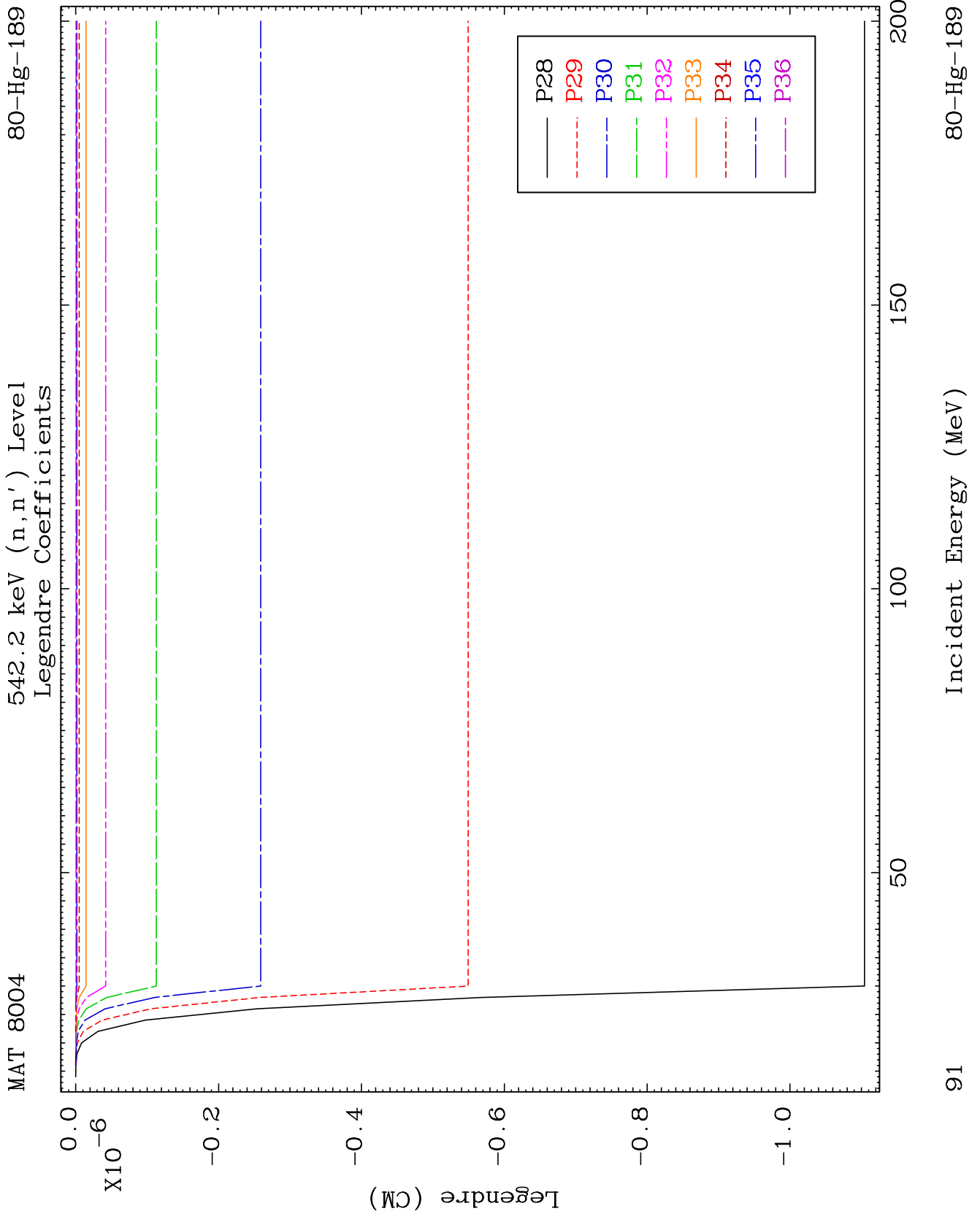
80-Hg-189

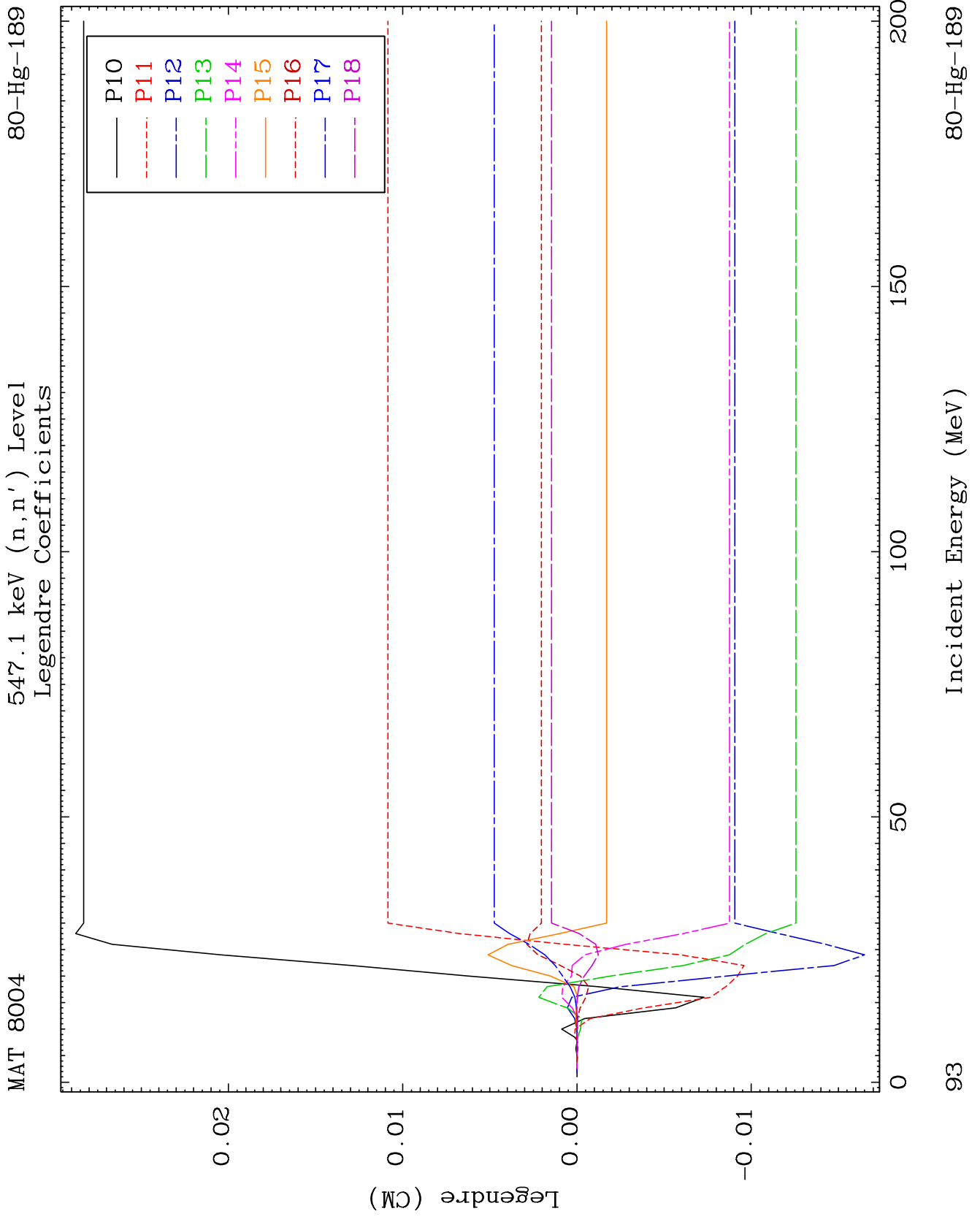


90

Incident Energy (MeV)

80-Hg-189

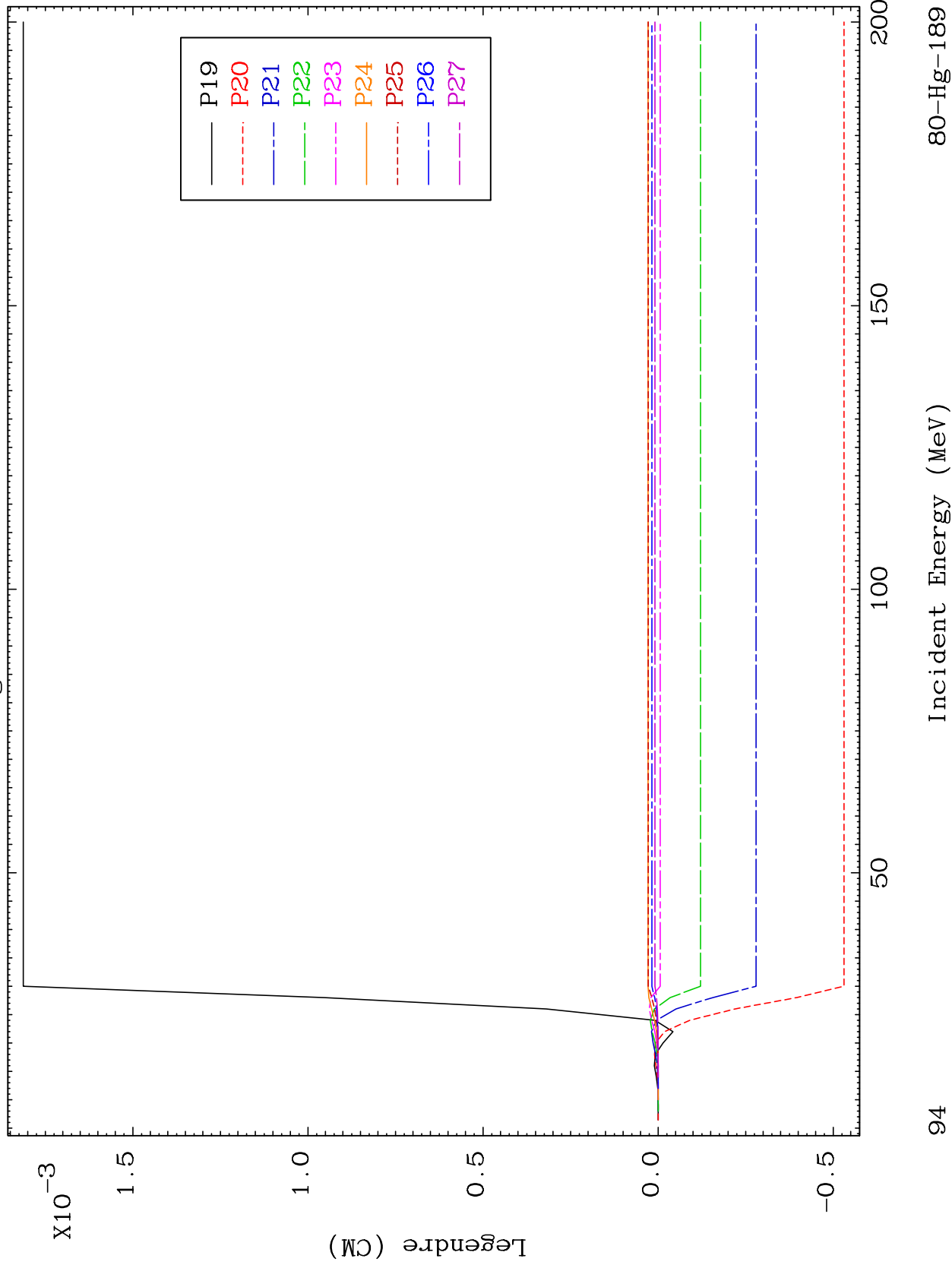


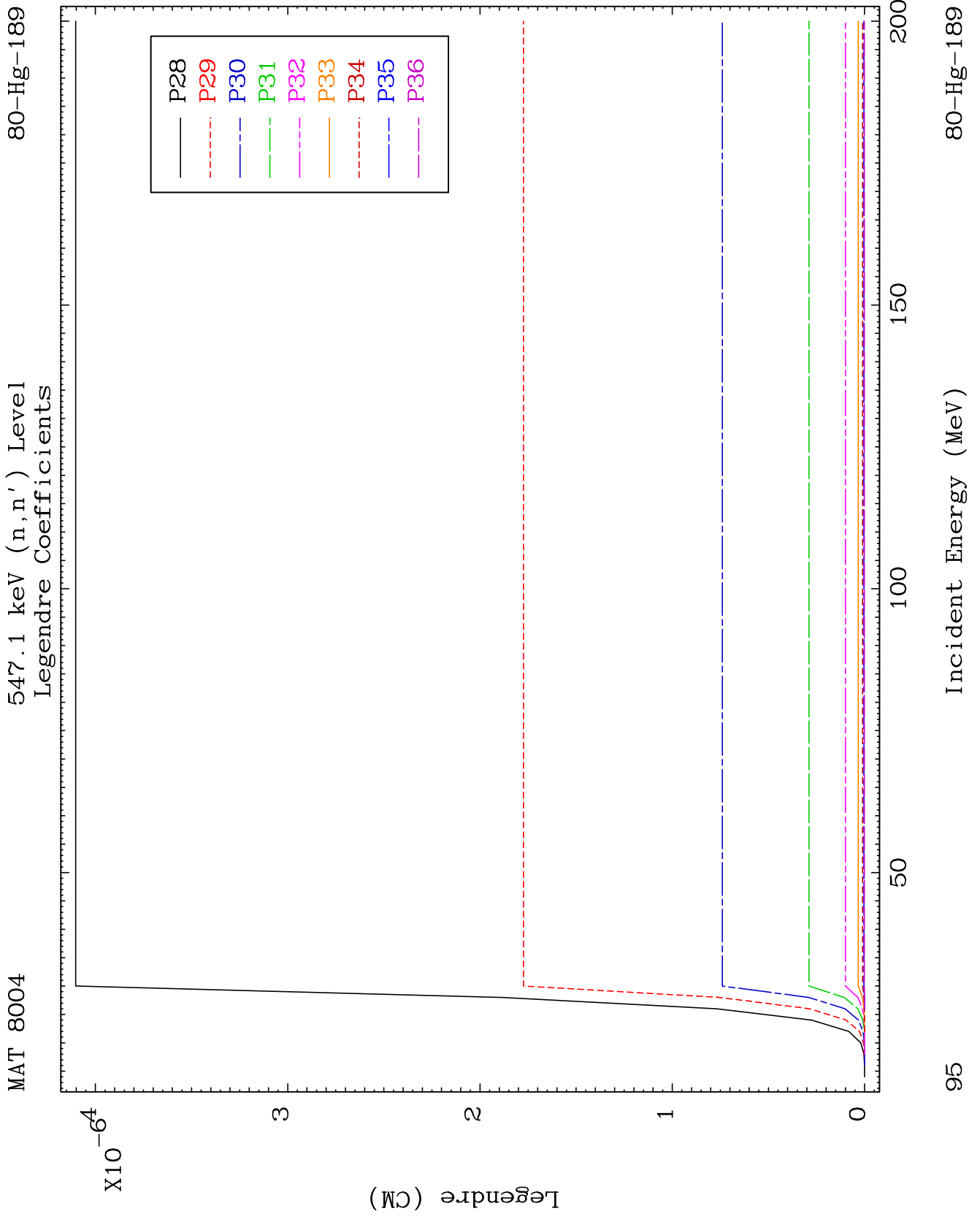


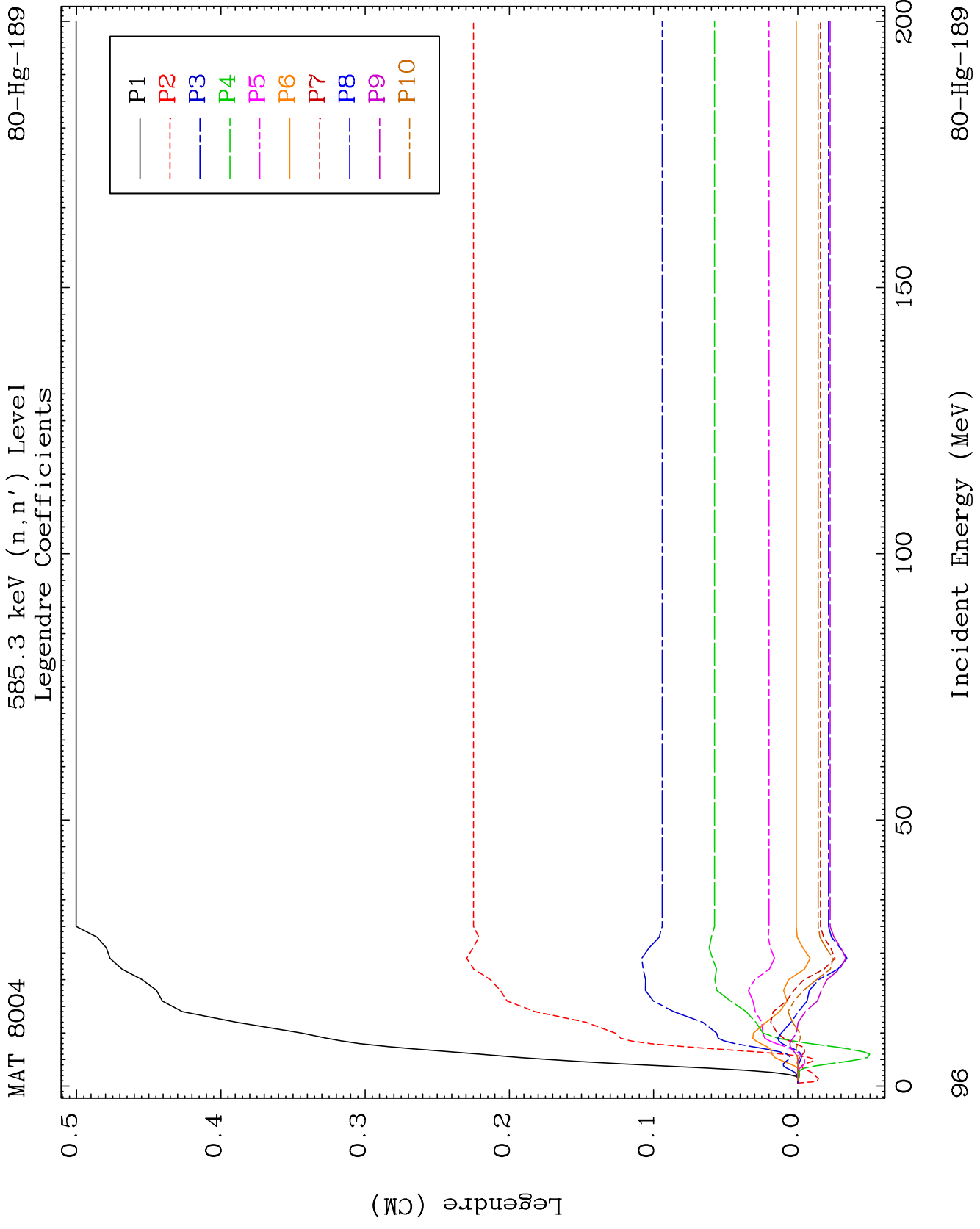
MAT 8004

547.1 keV (n,n') Level
Legendre Coefficients

80-Hg-189



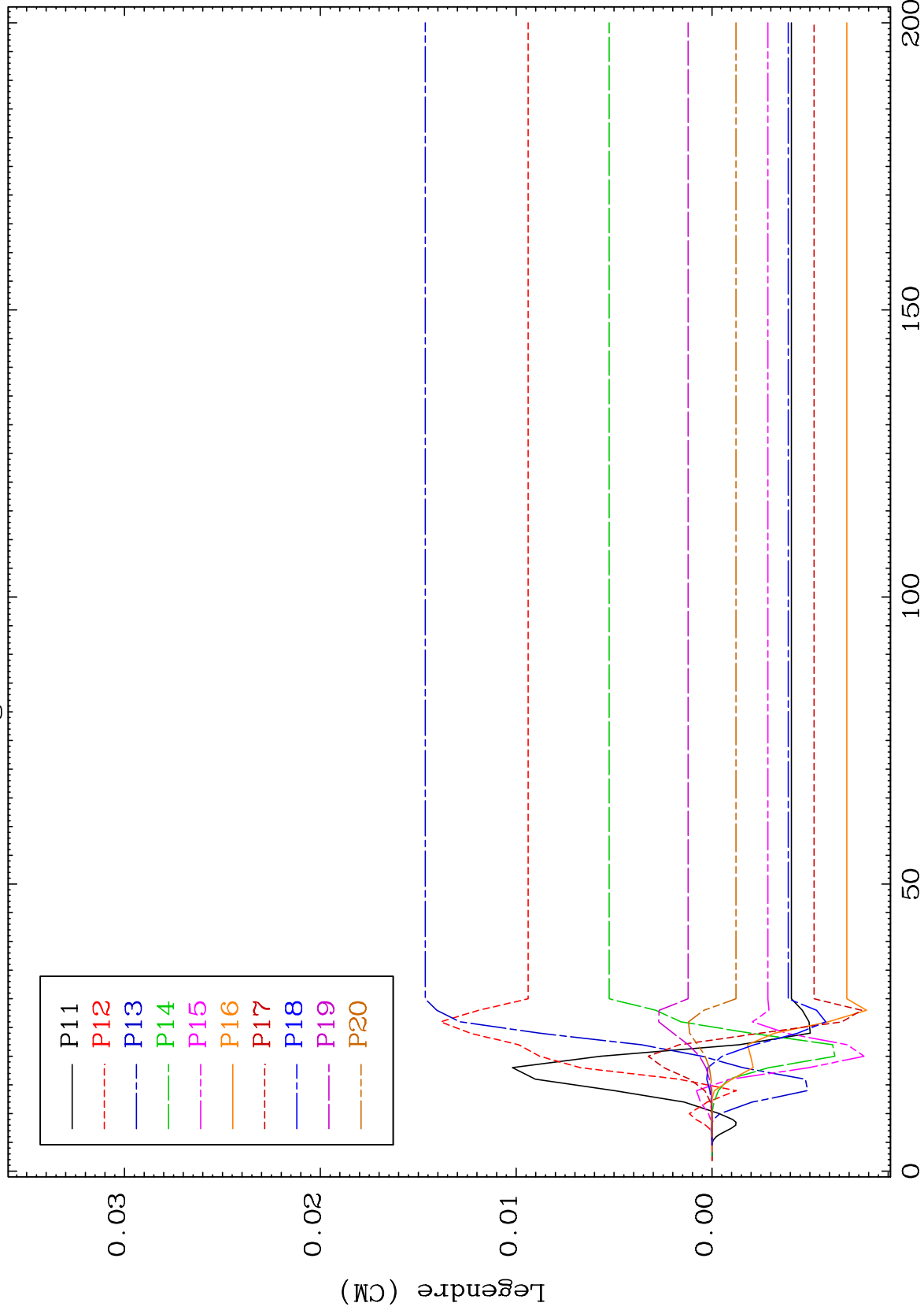




MAT 8004

585.3 keV (n,n') Level
Legendre Coefficients

80-Hg-189



97

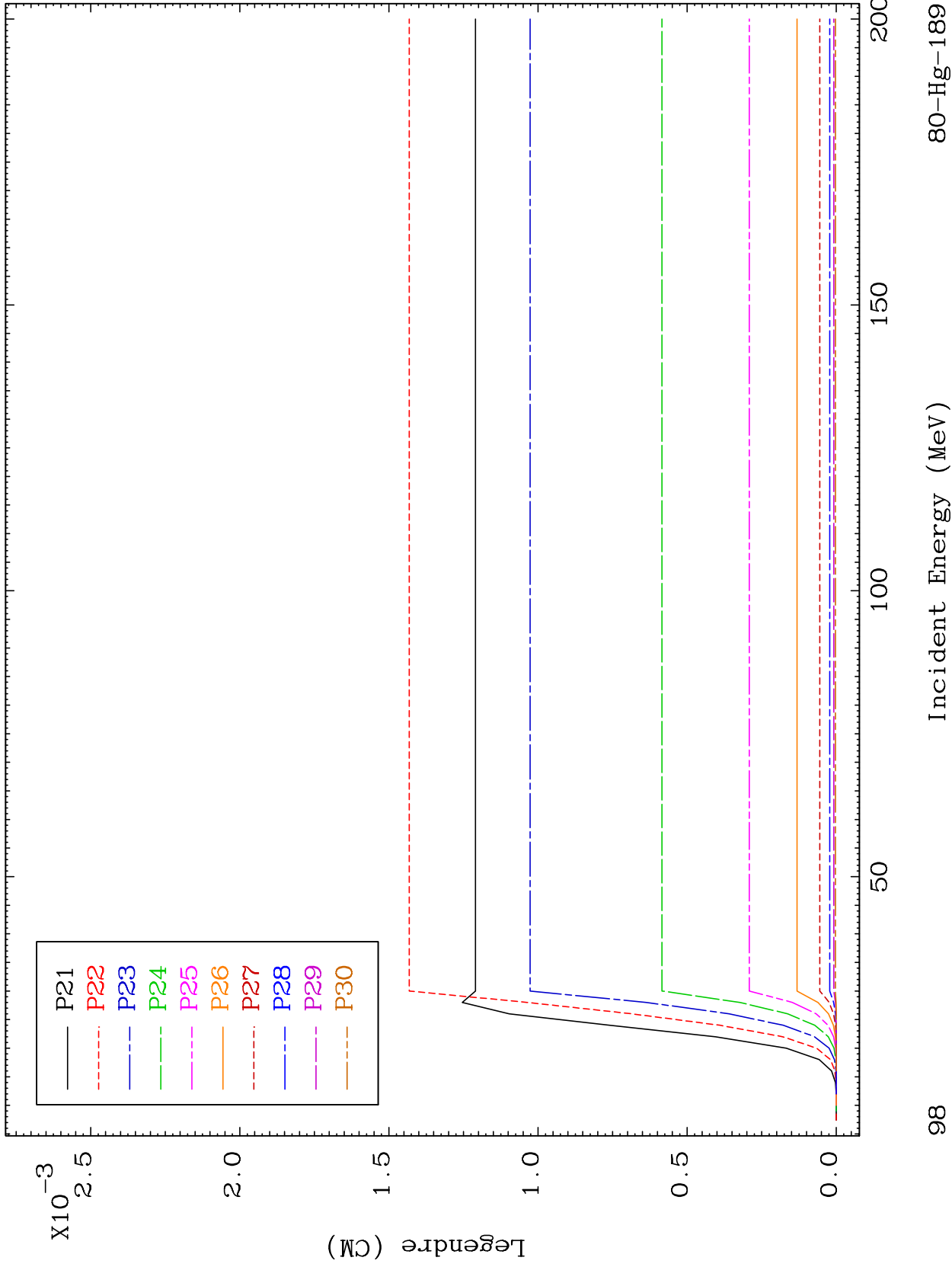
Incident Energy (MeV)

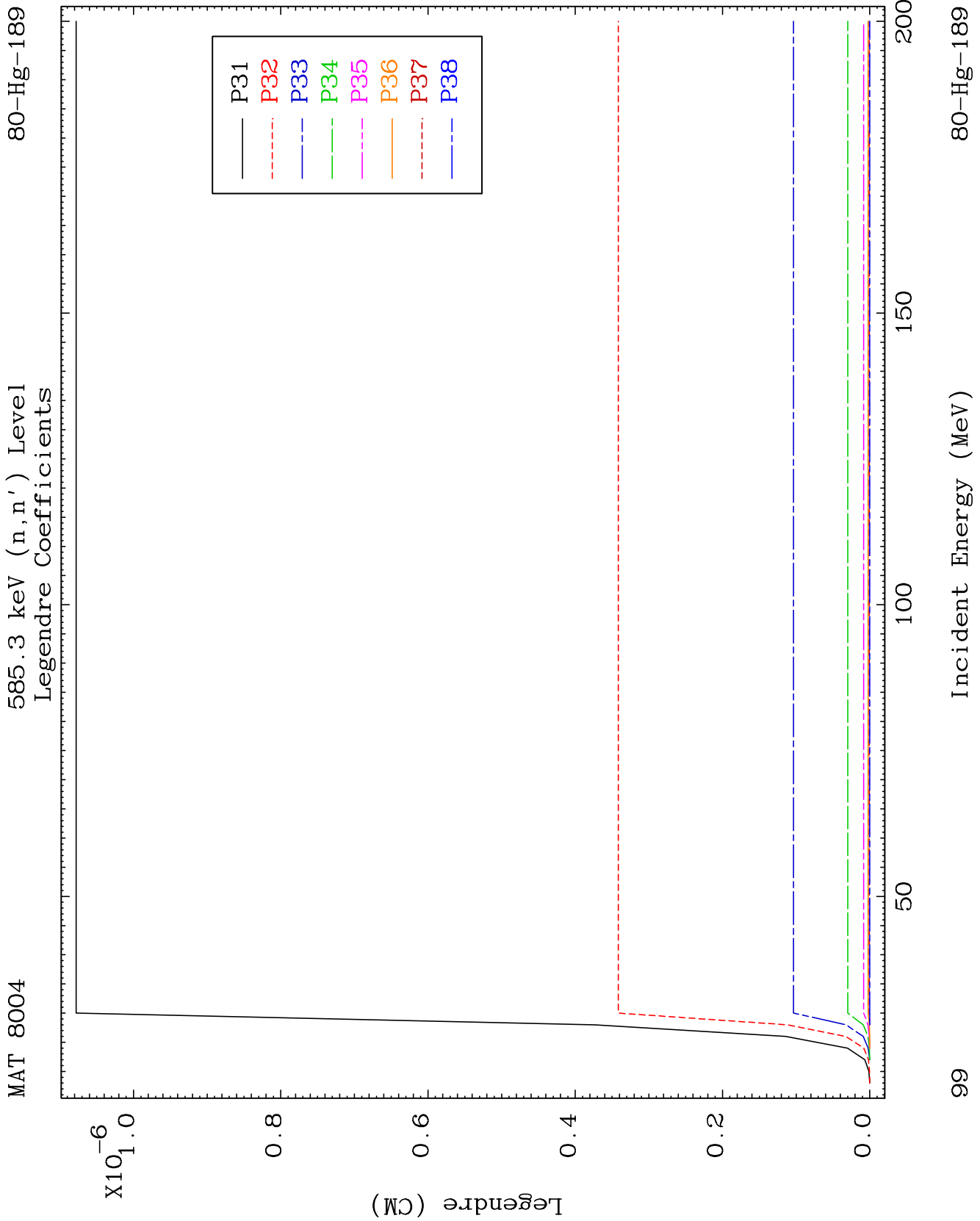
80-Hg-189

MAT 8004

585.3 keV (n,n') Level
Legendre Coefficients

80-Hg-189

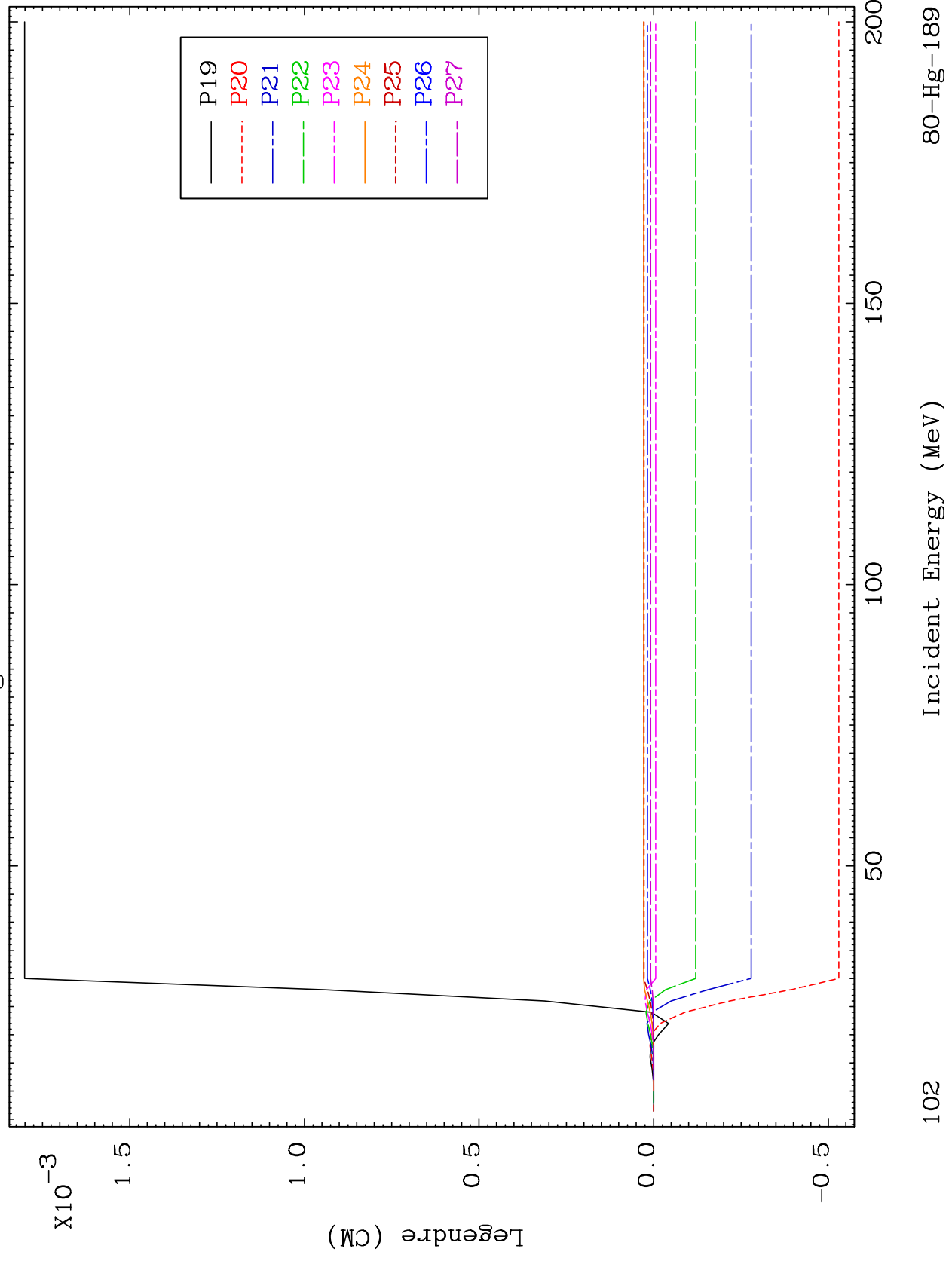




MAT 8004

591.6 keV (n,n') Level
Legendre Coefficients

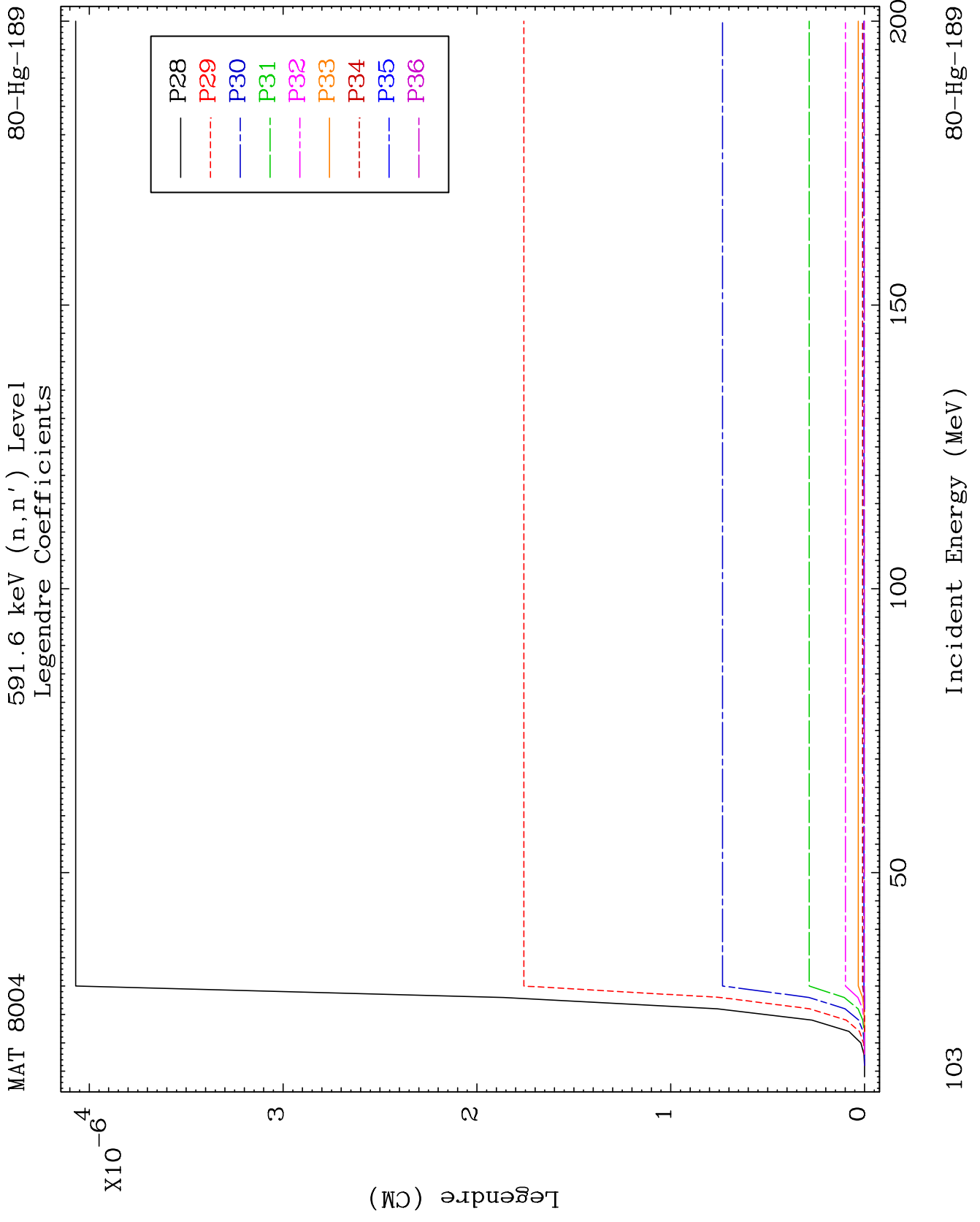
80-Hg-189

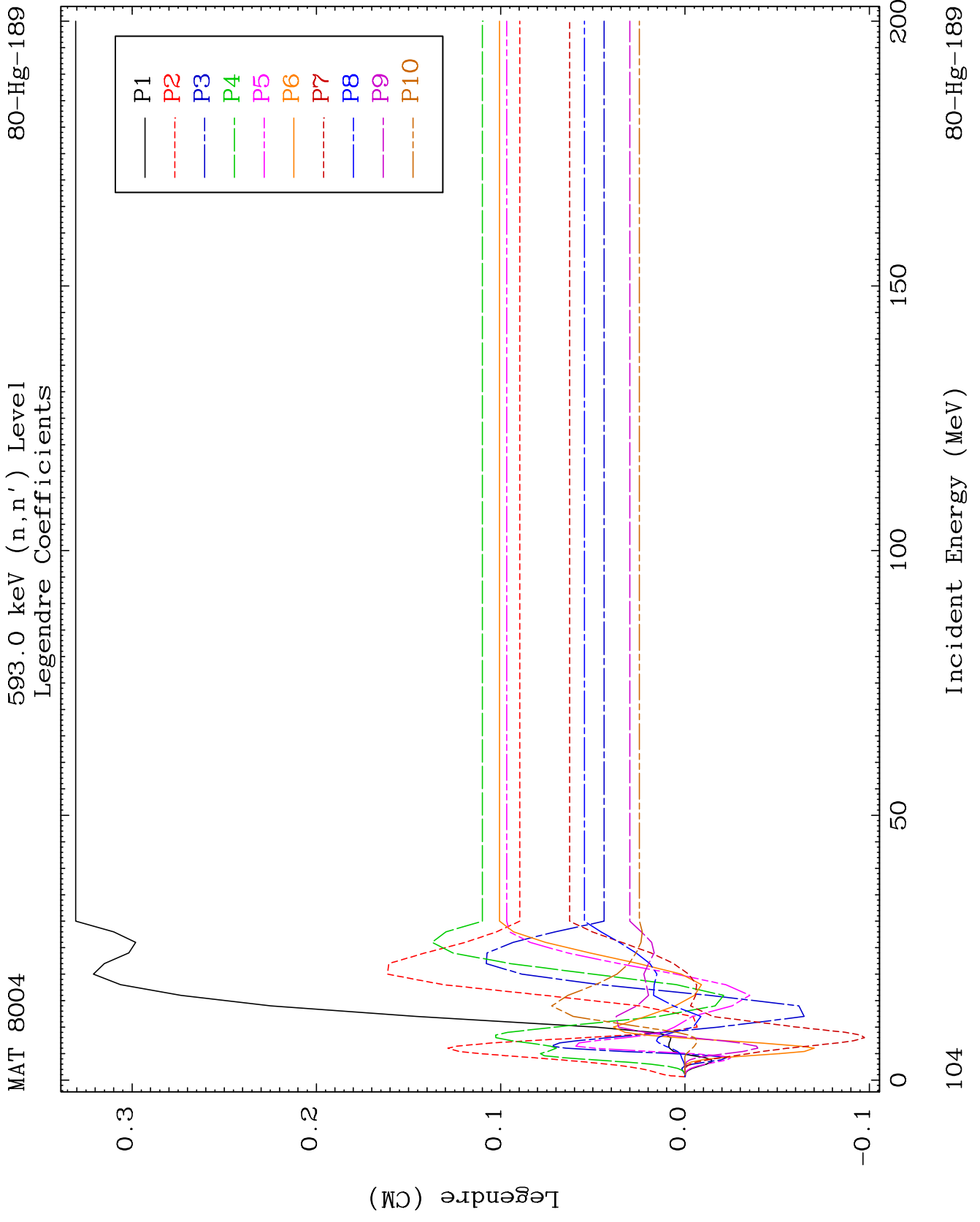


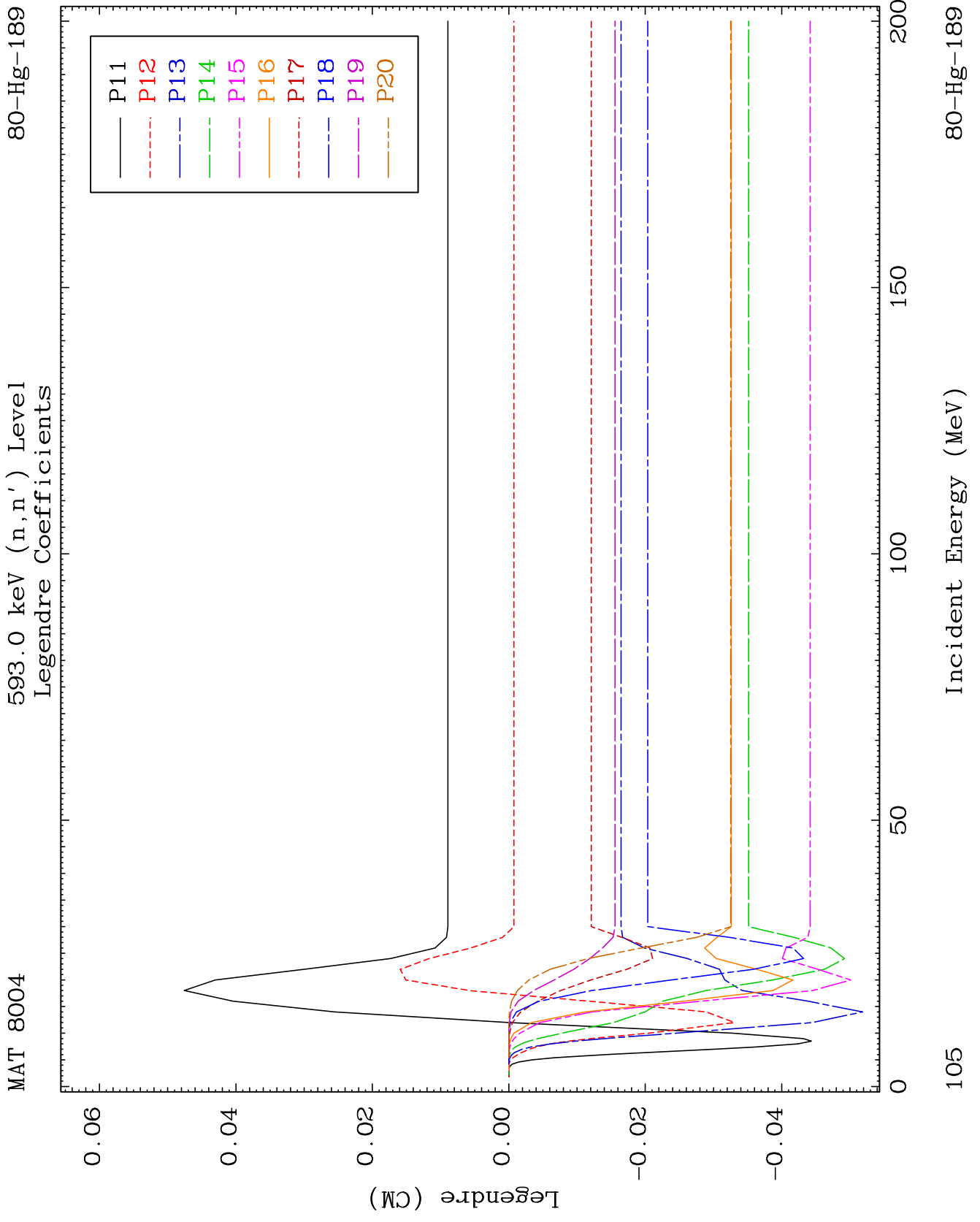
102

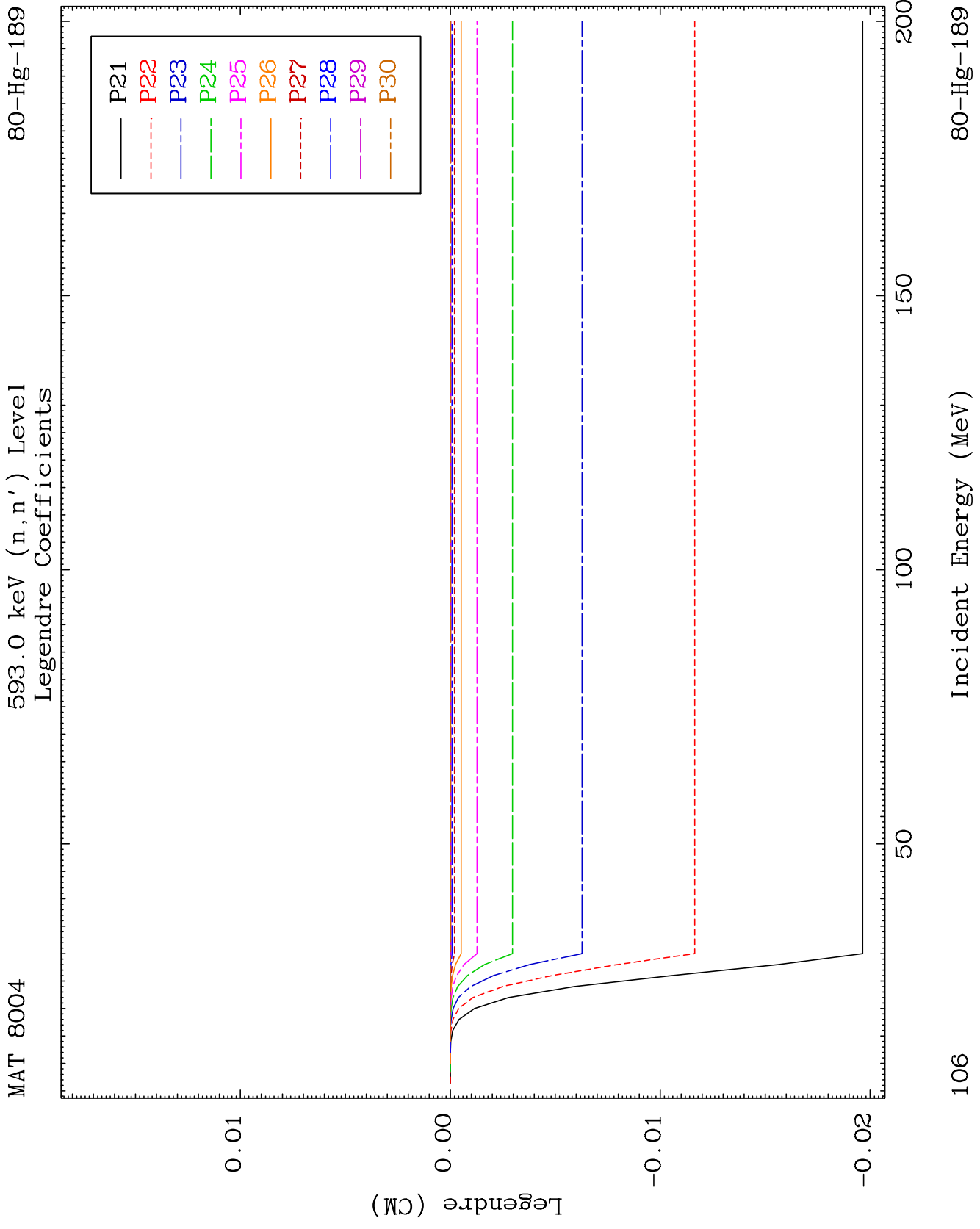
Incident Energy (MeV)

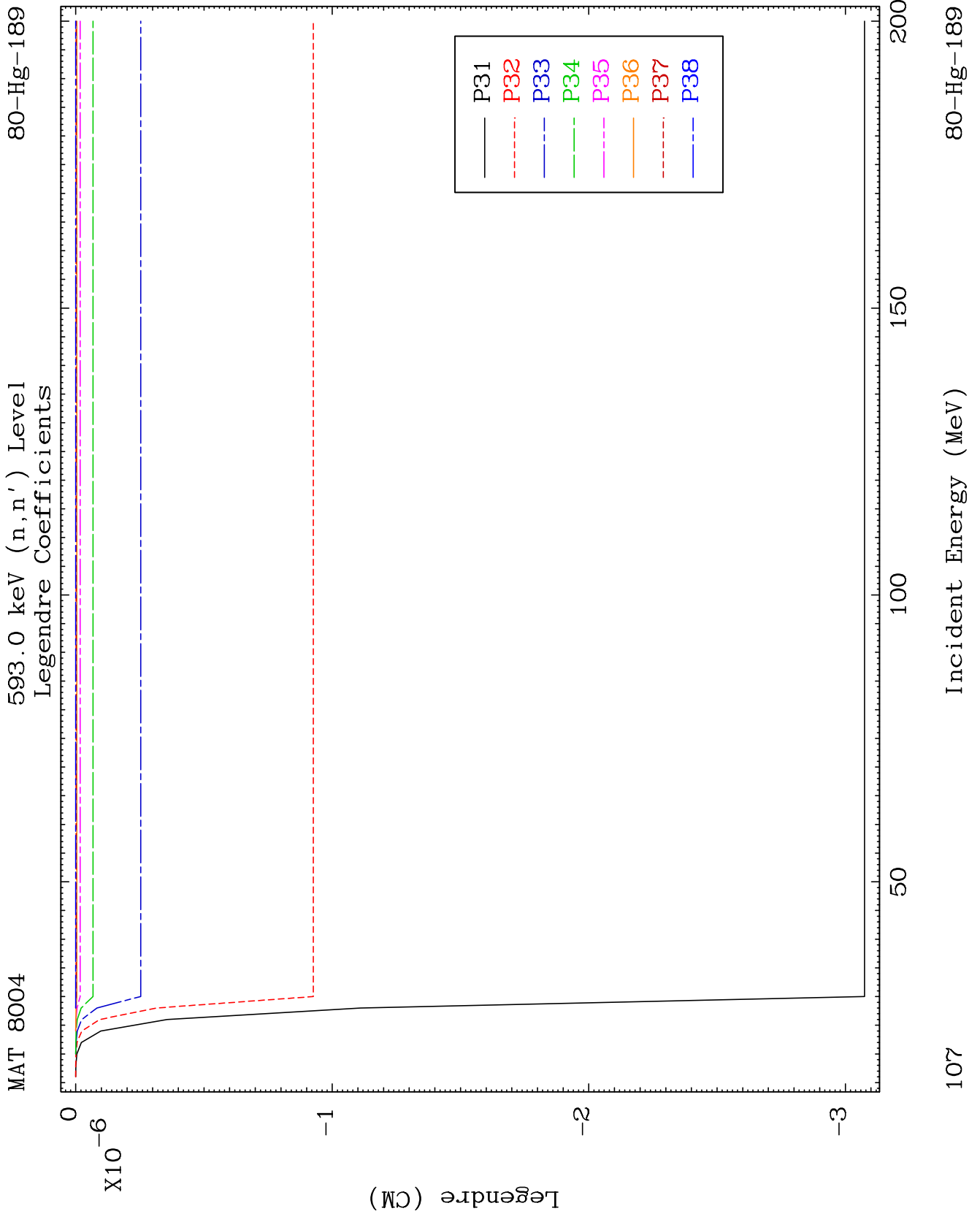
80-Hg-189

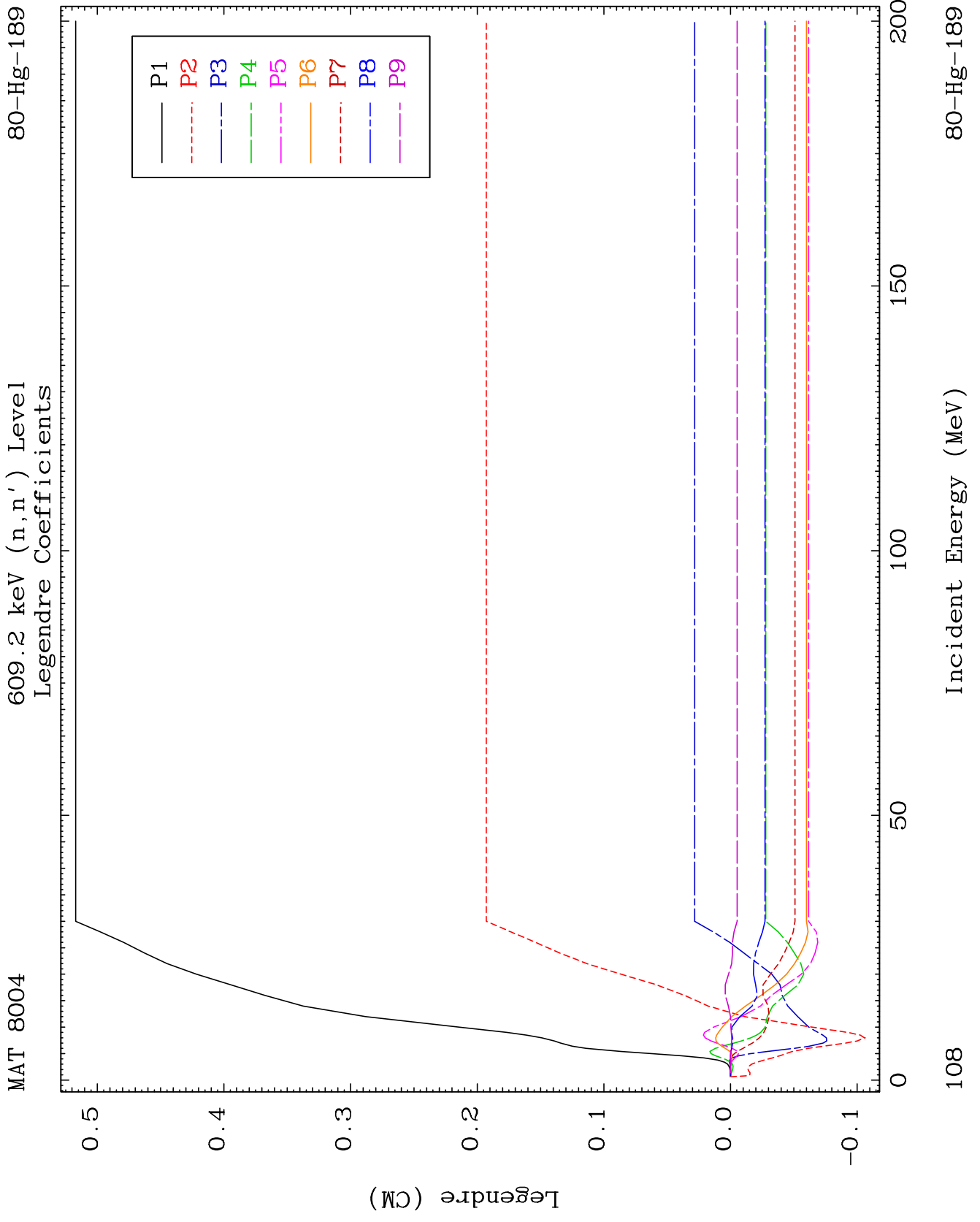


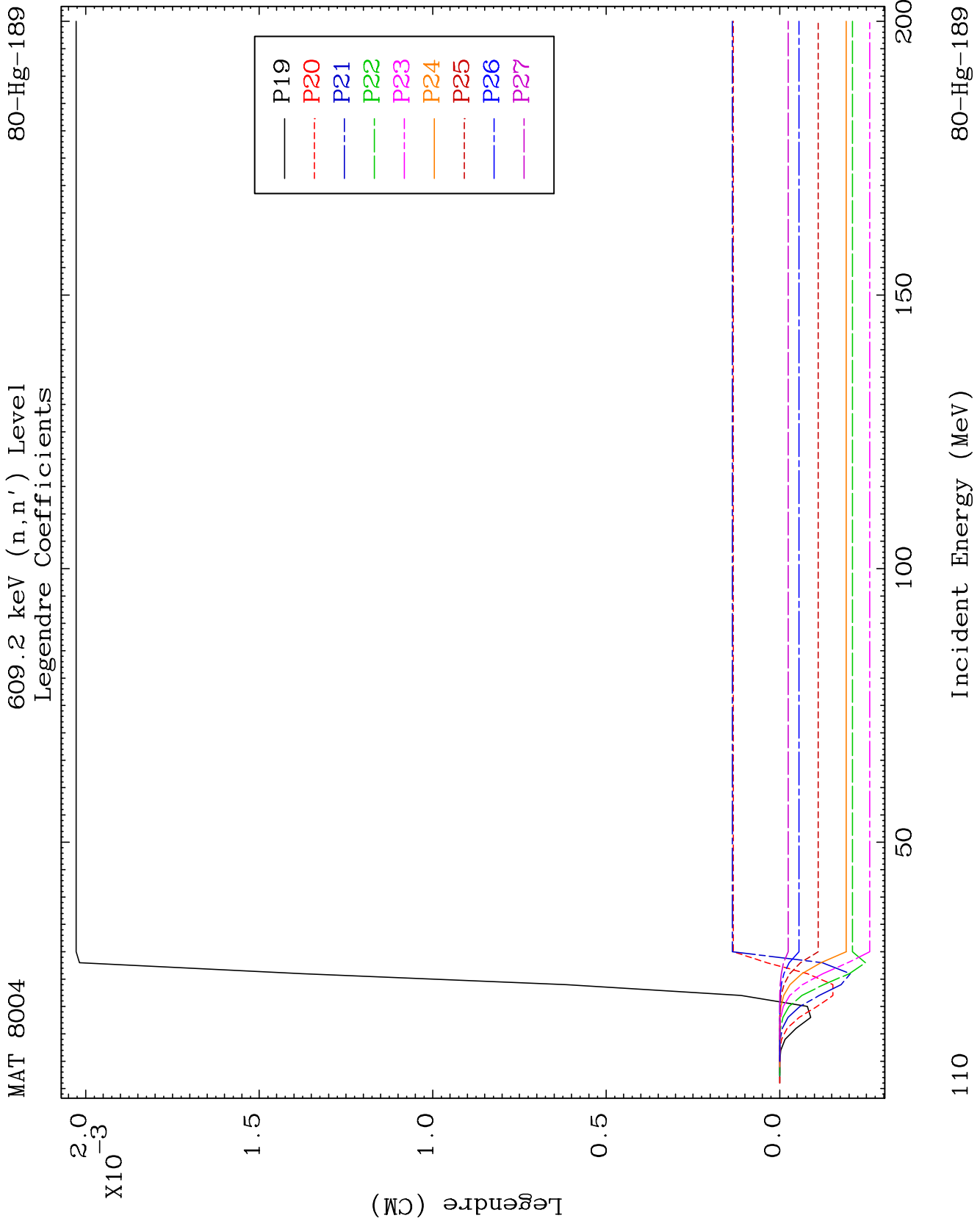


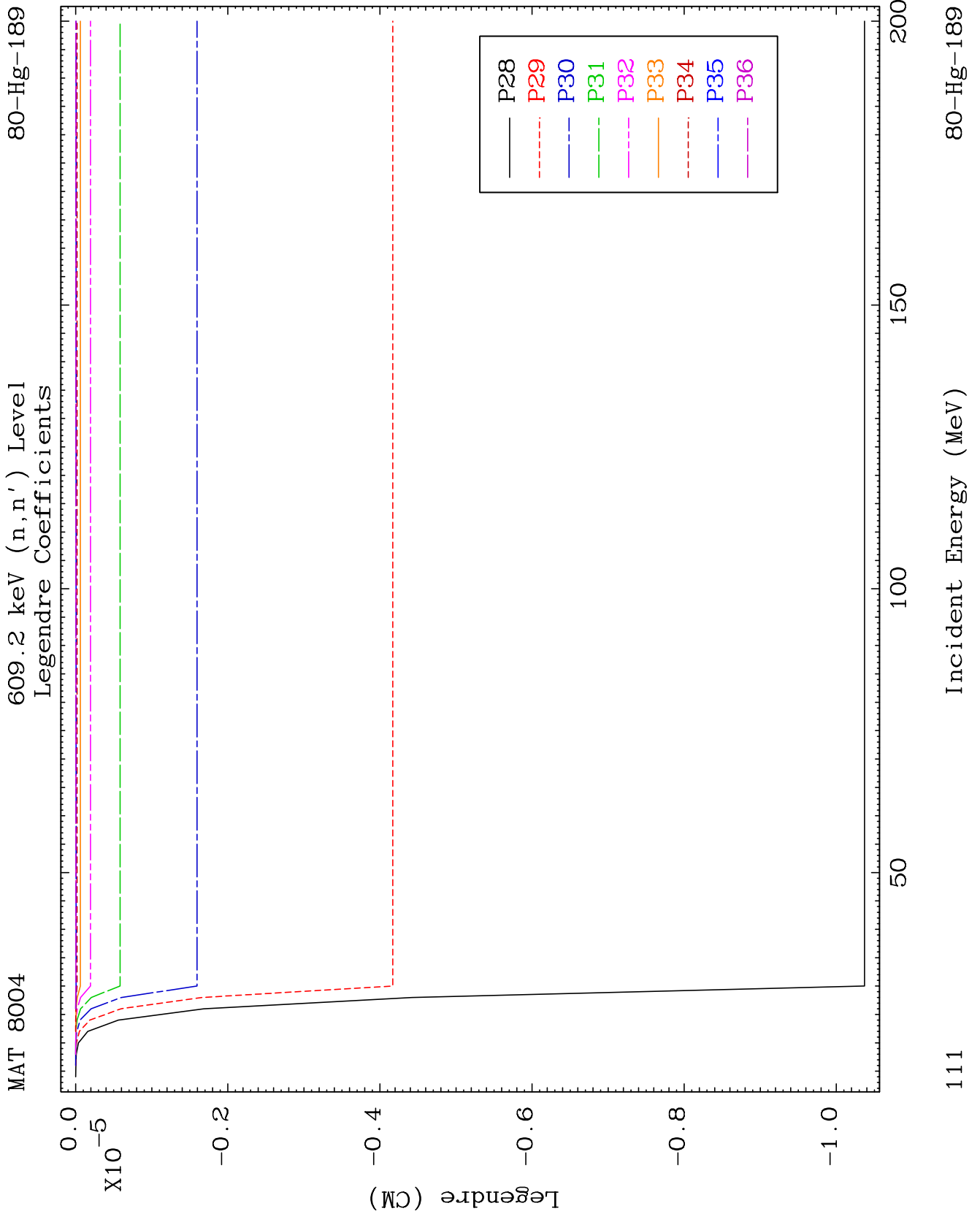


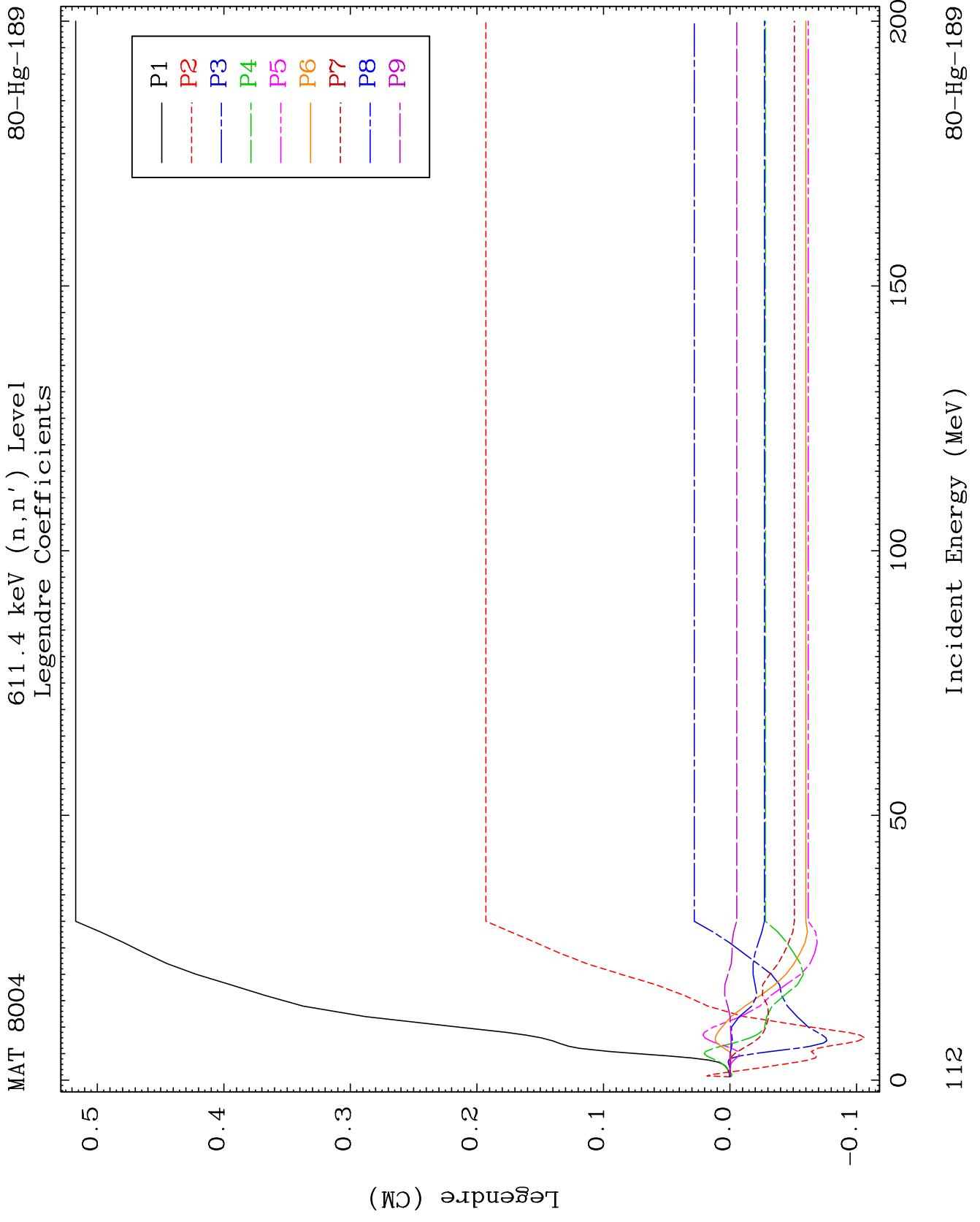


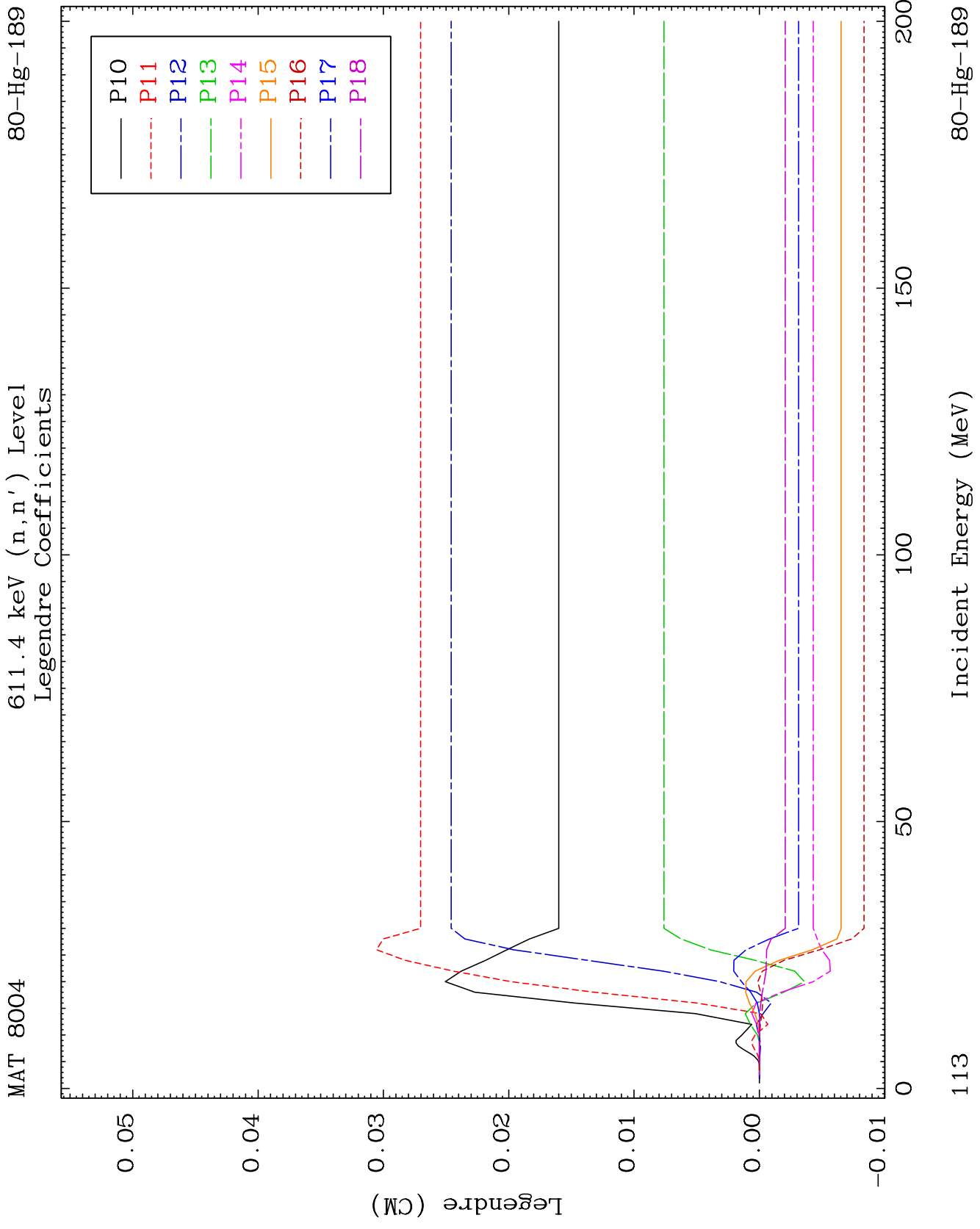


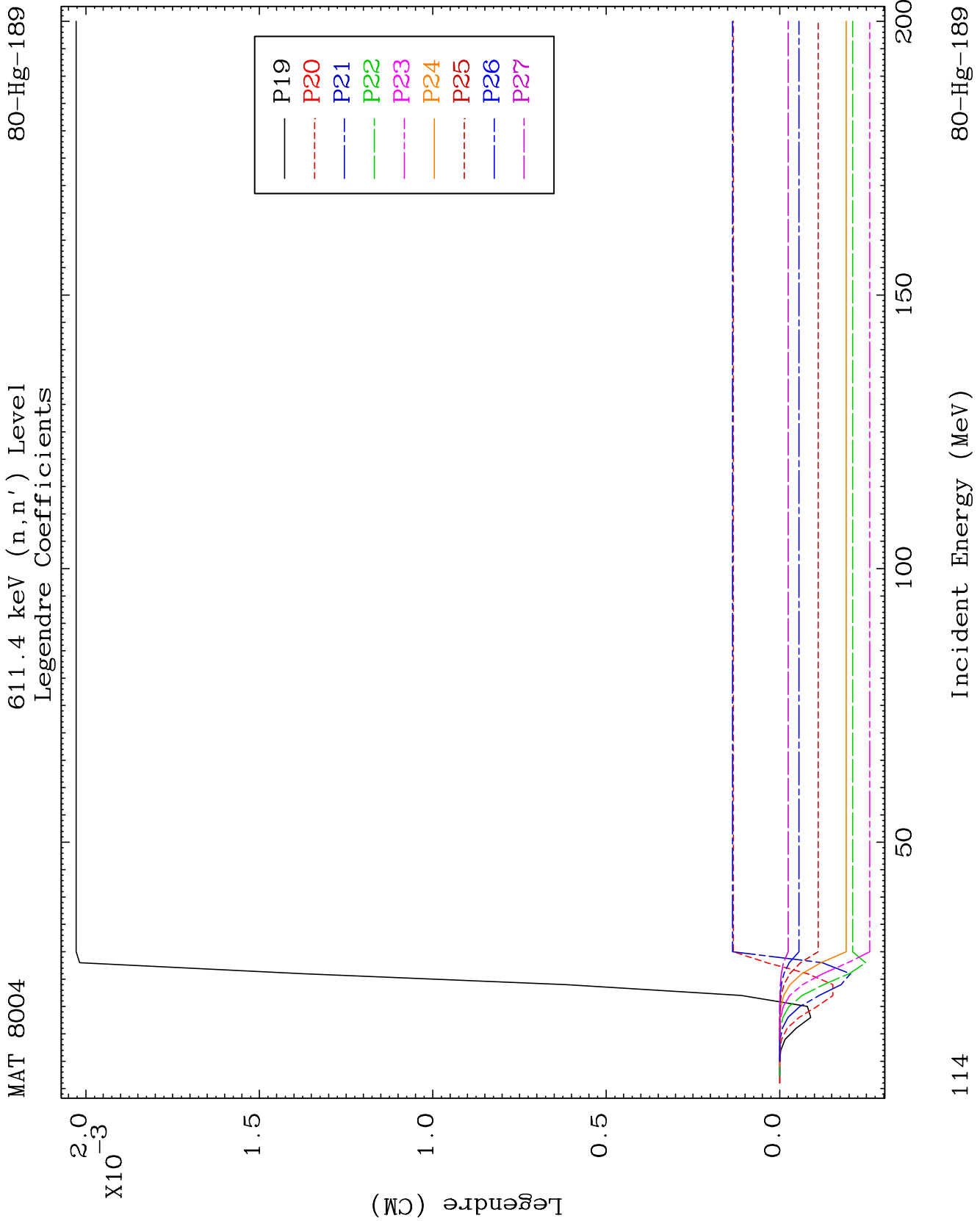


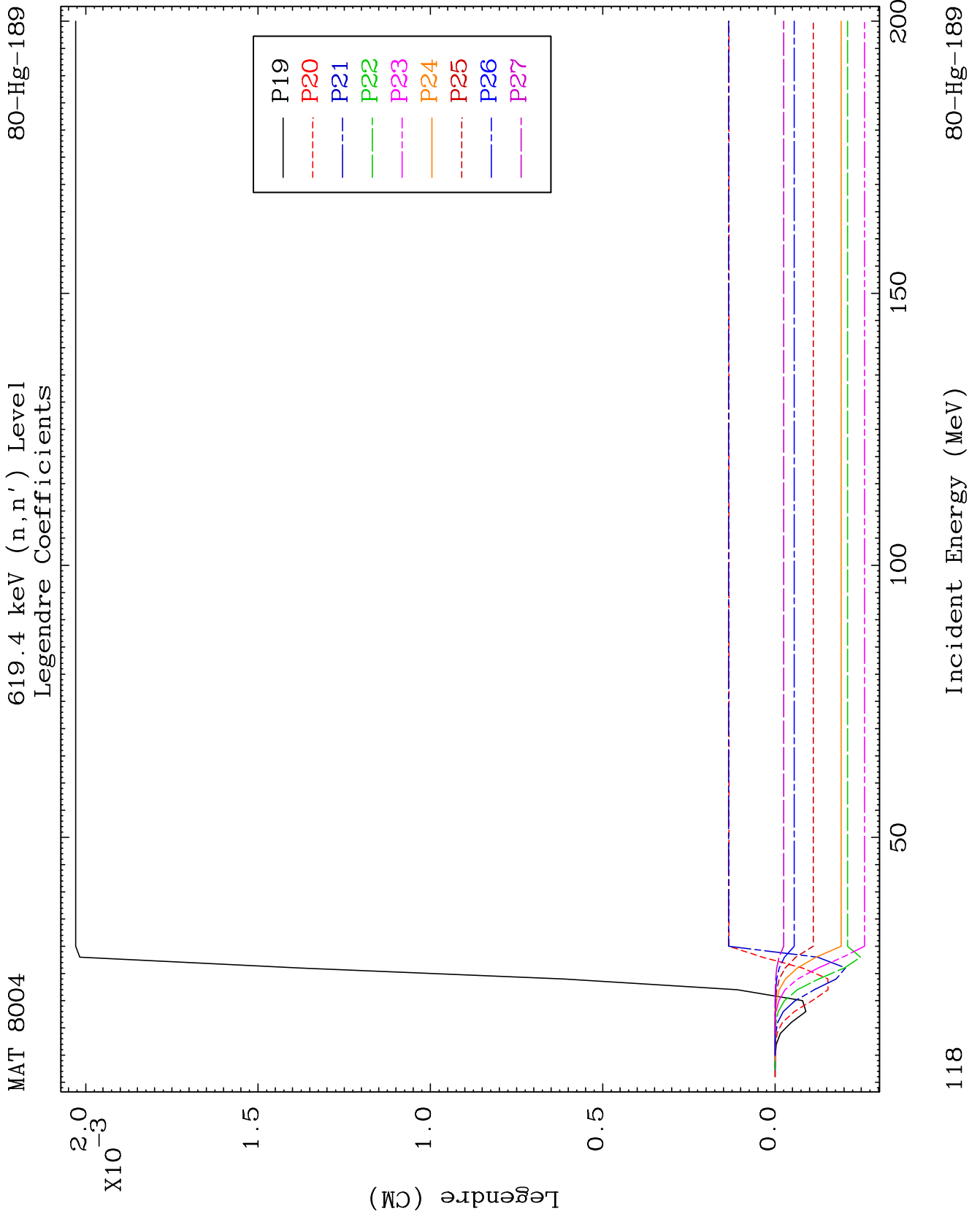


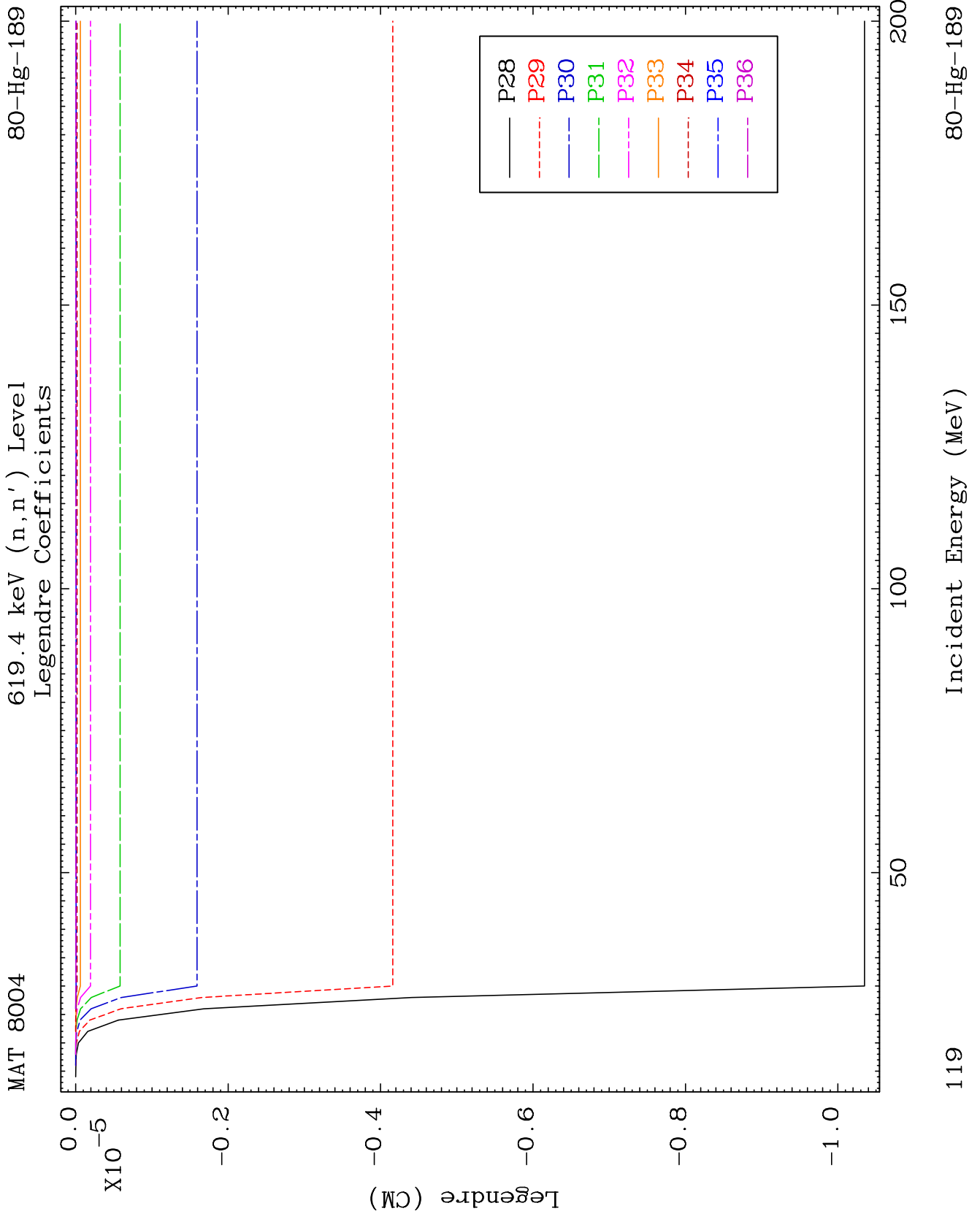








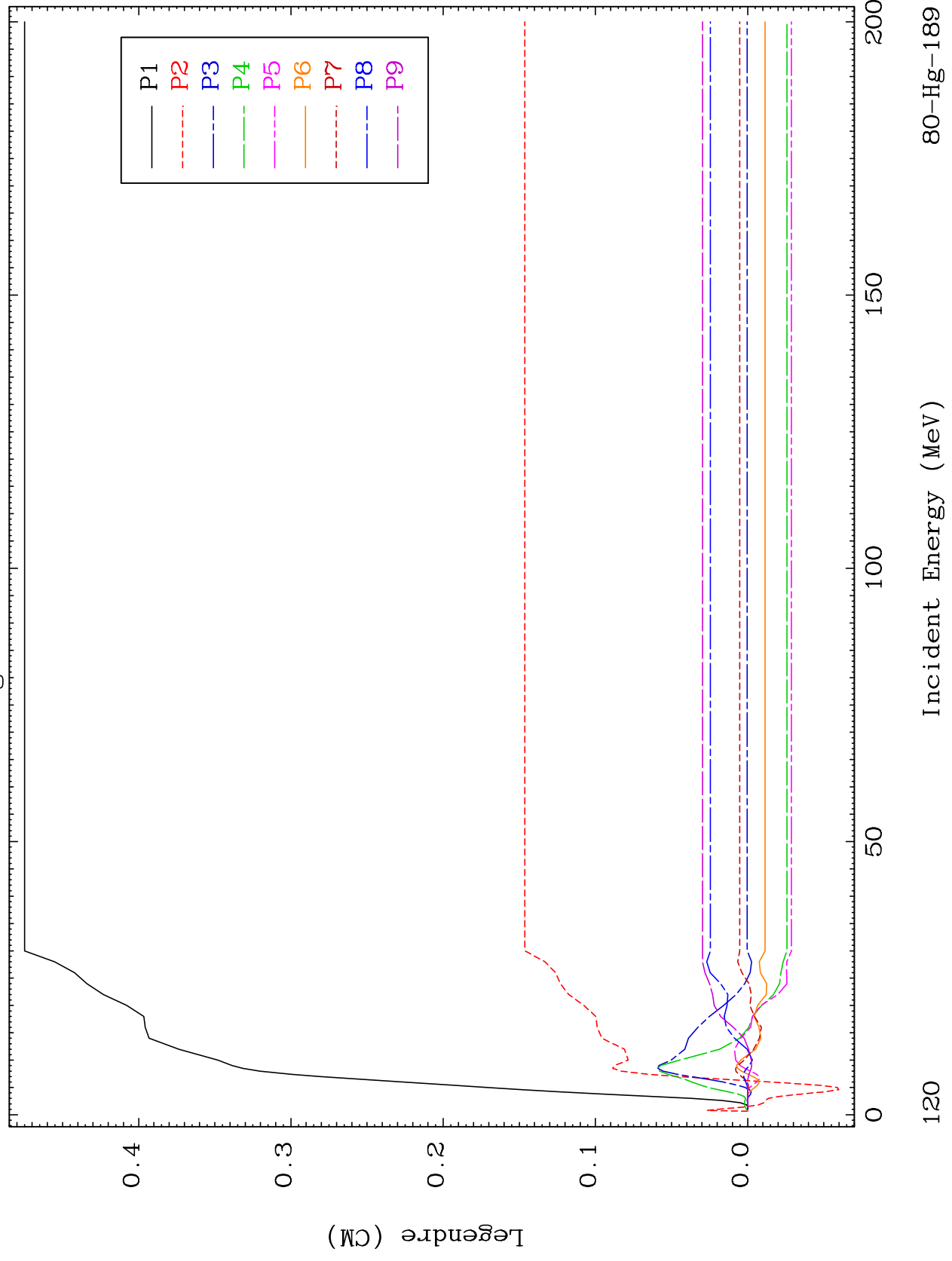




MAT 8004

645.1 keV (n,n') Level
Legendre Coefficients

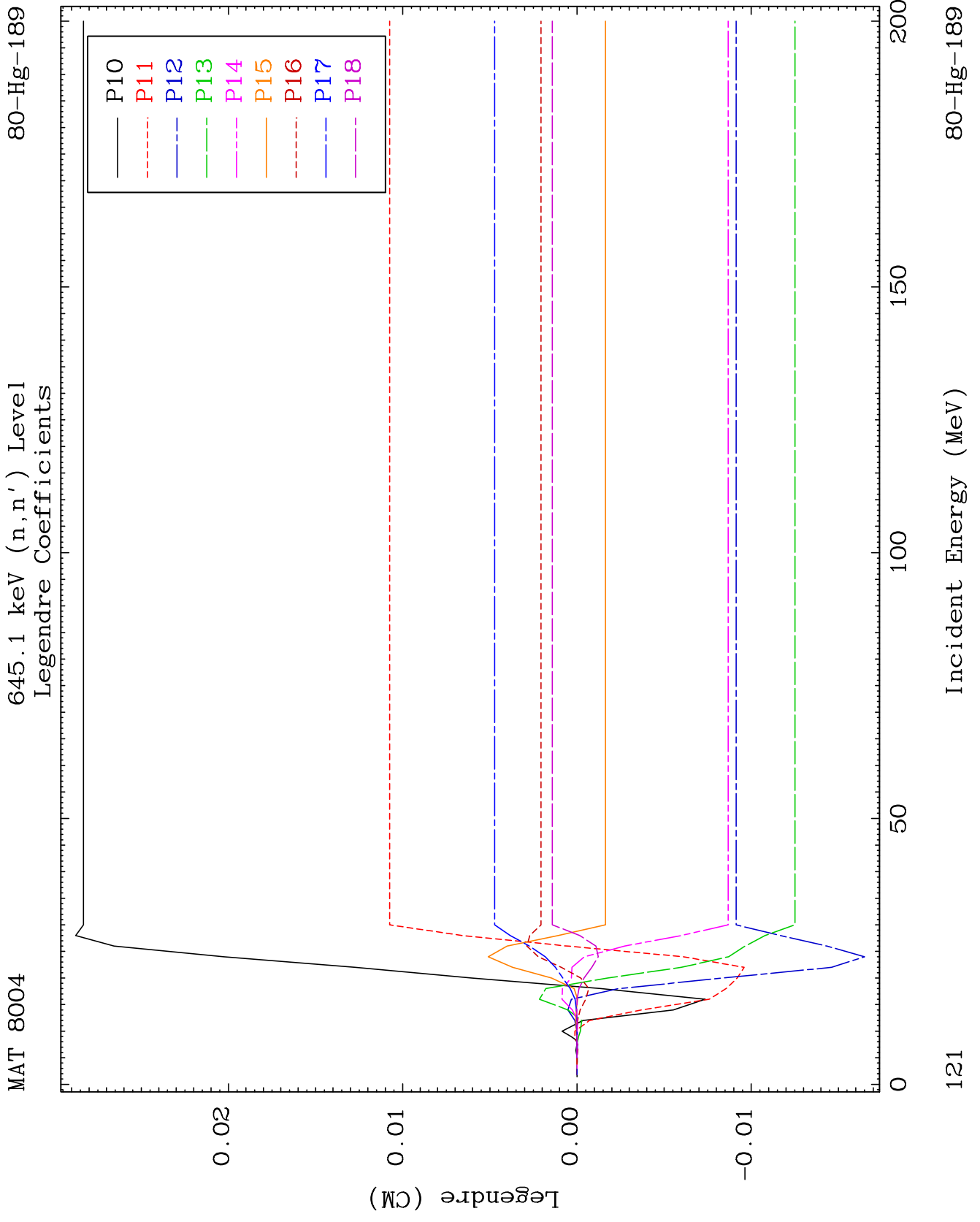
80-Hg-189

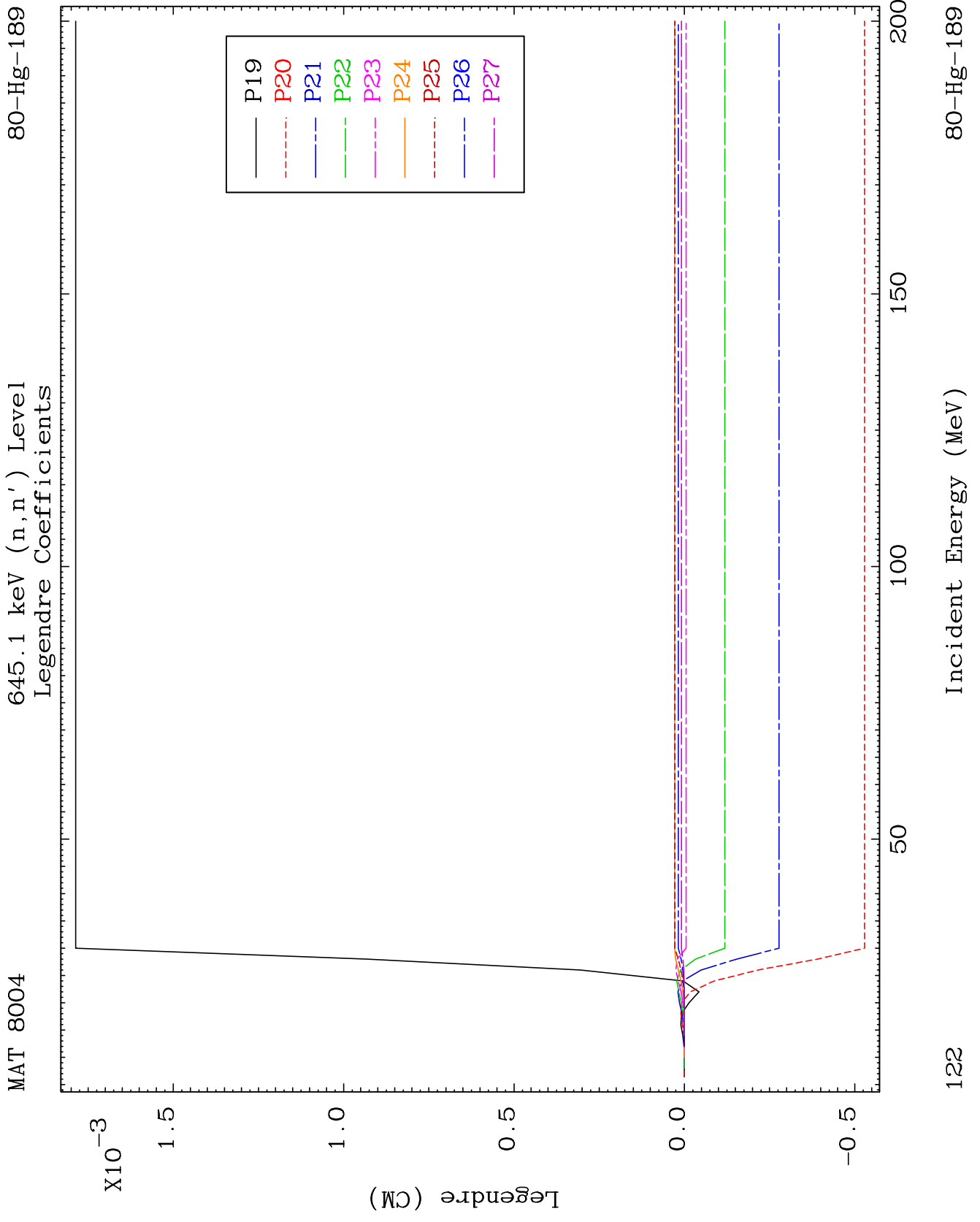


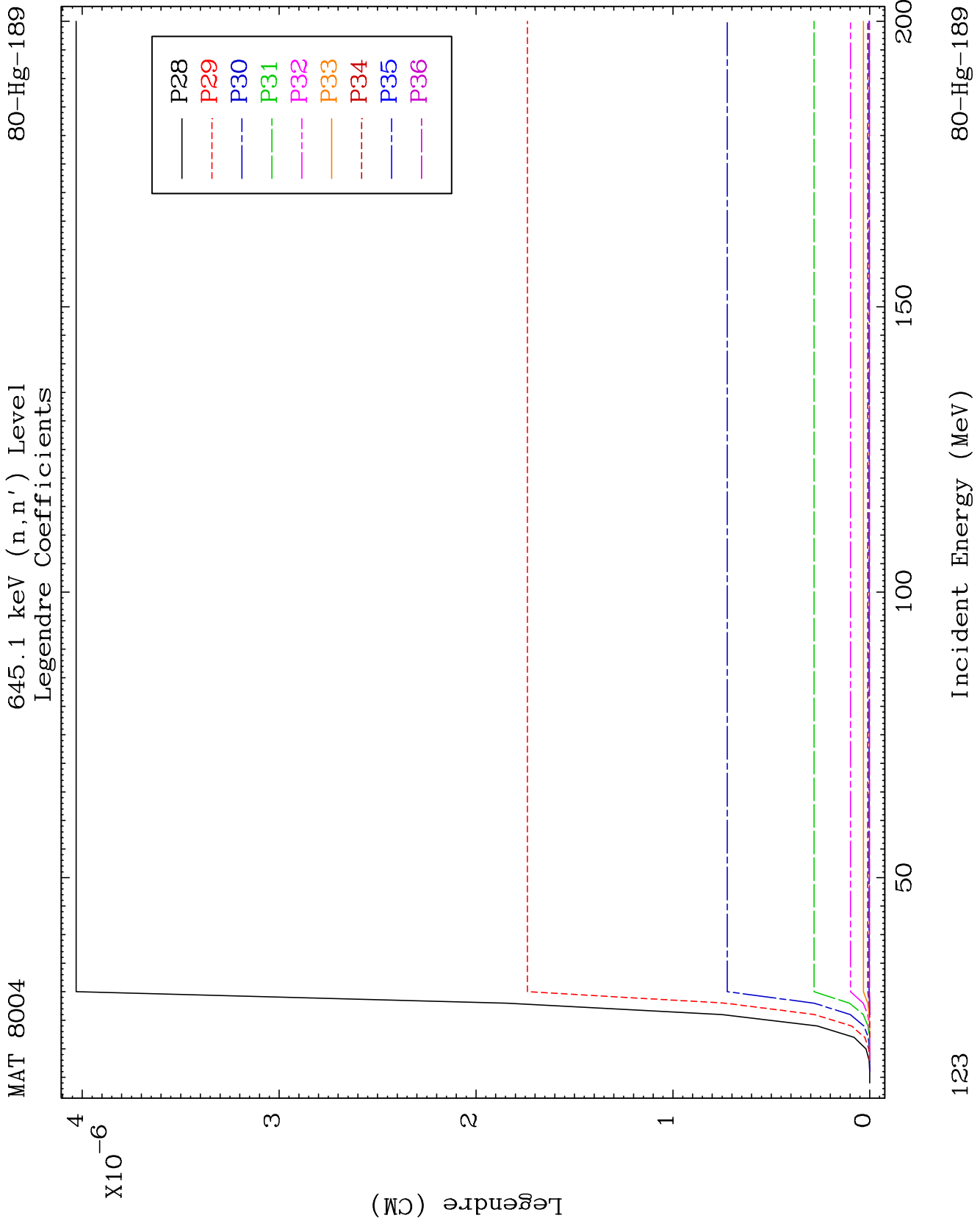
80-Hg-189

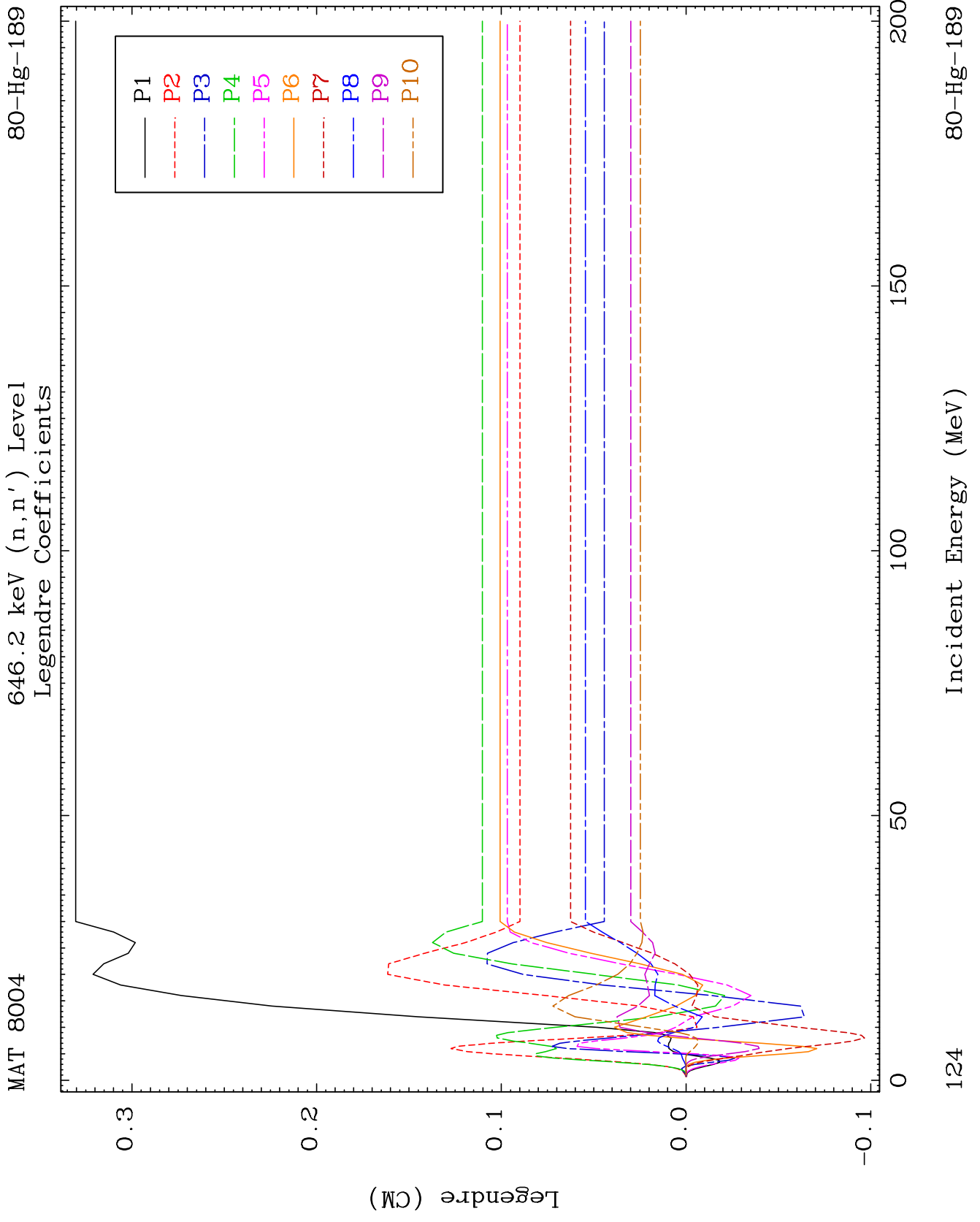
Incident Energy (MeV)

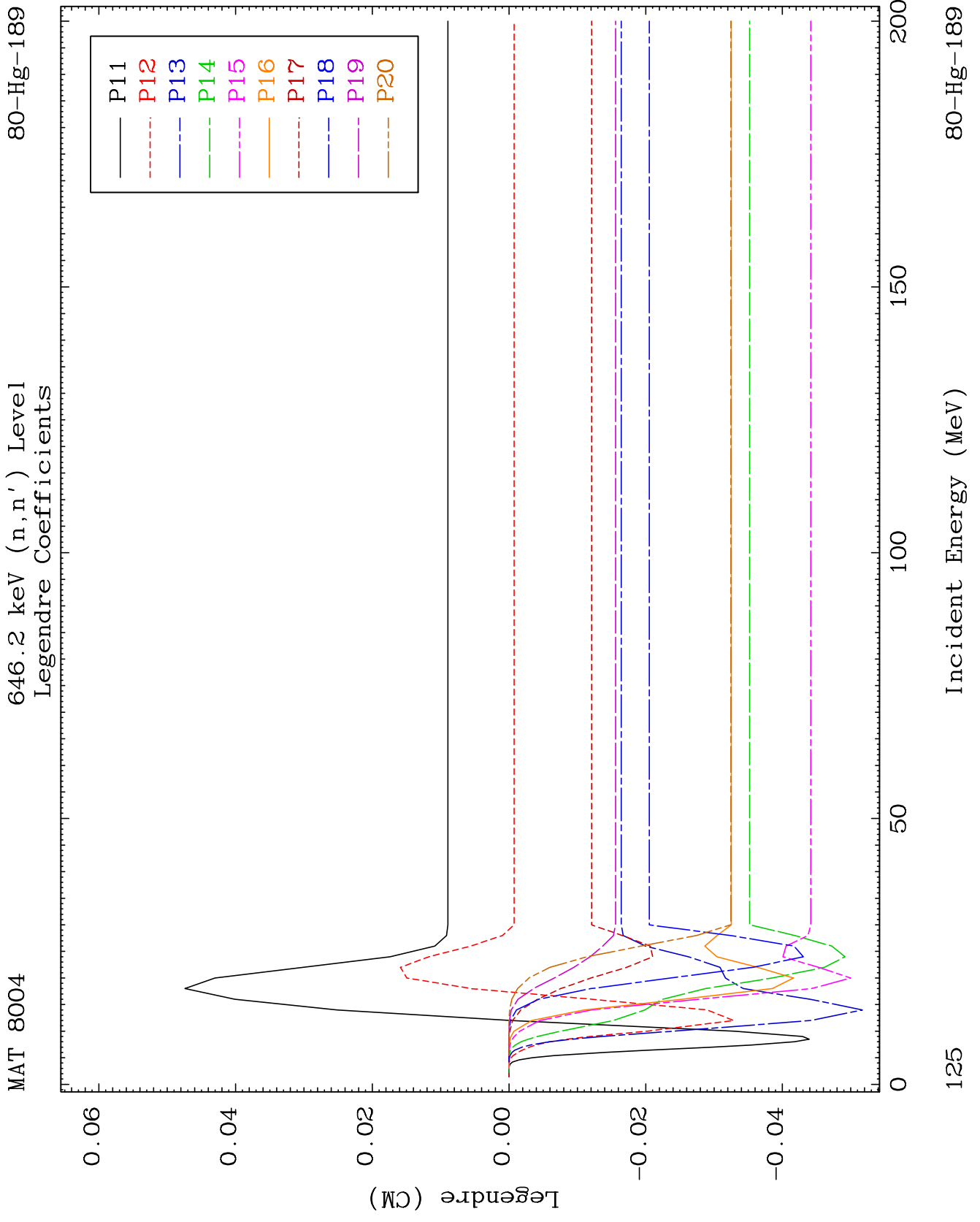
120

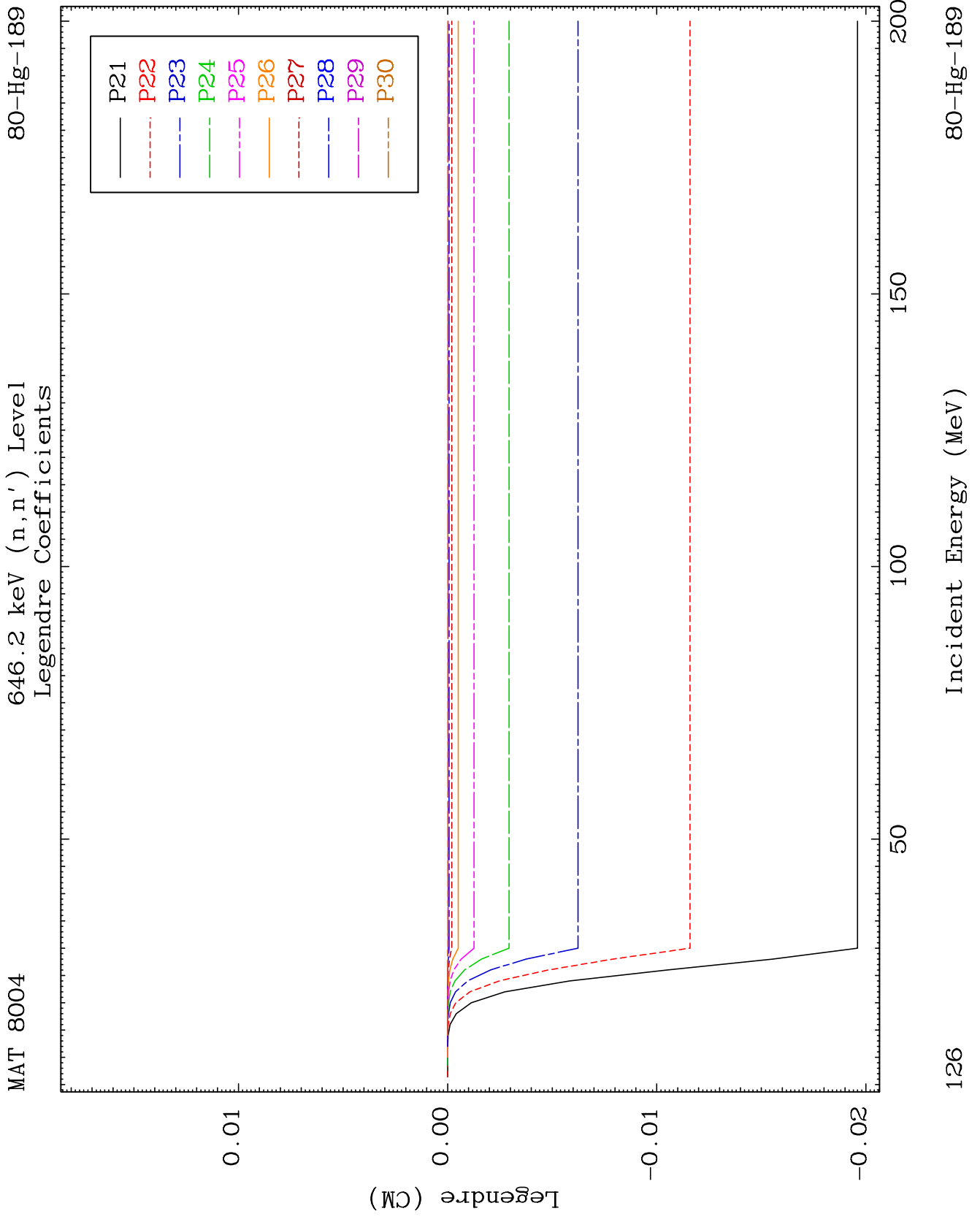


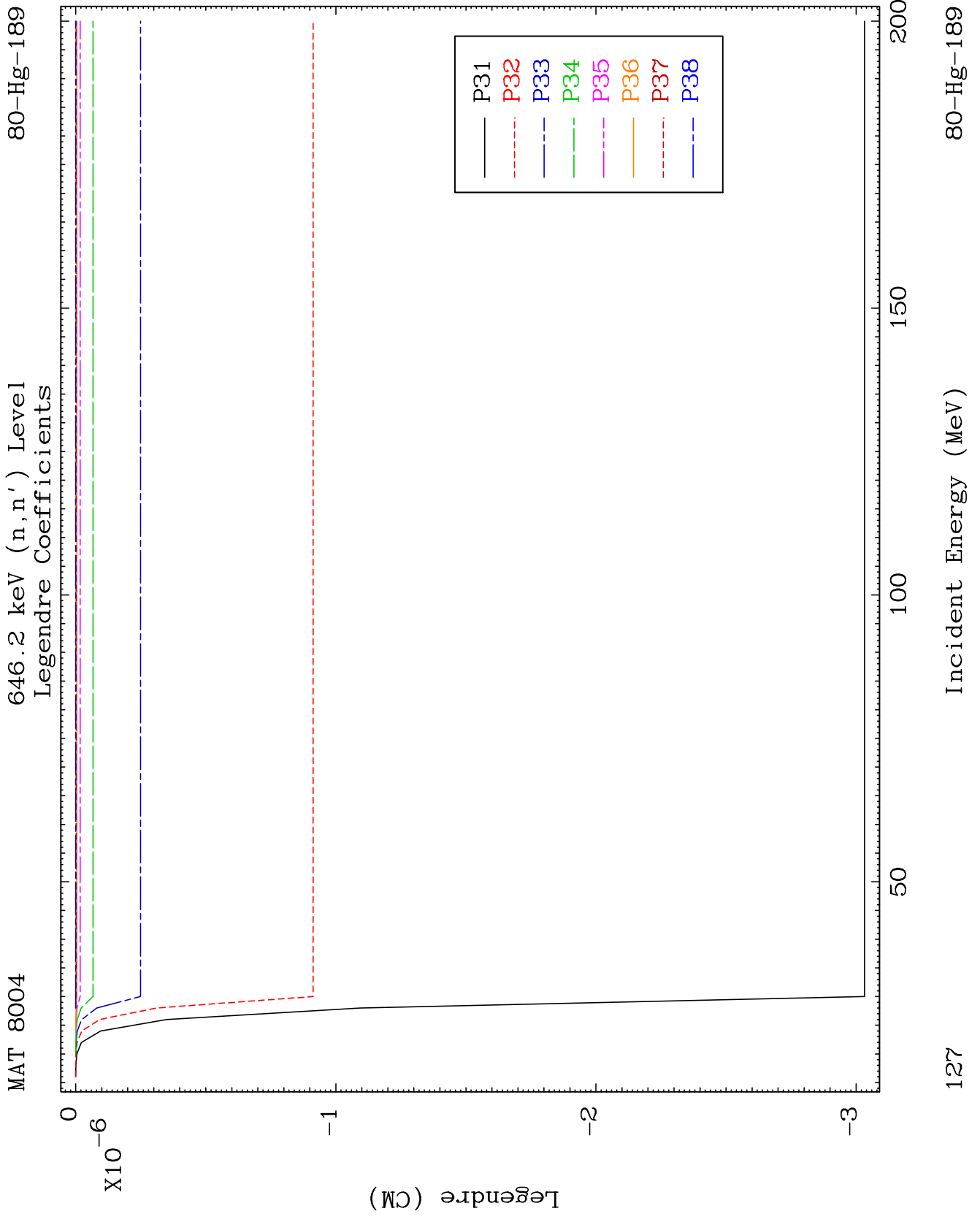


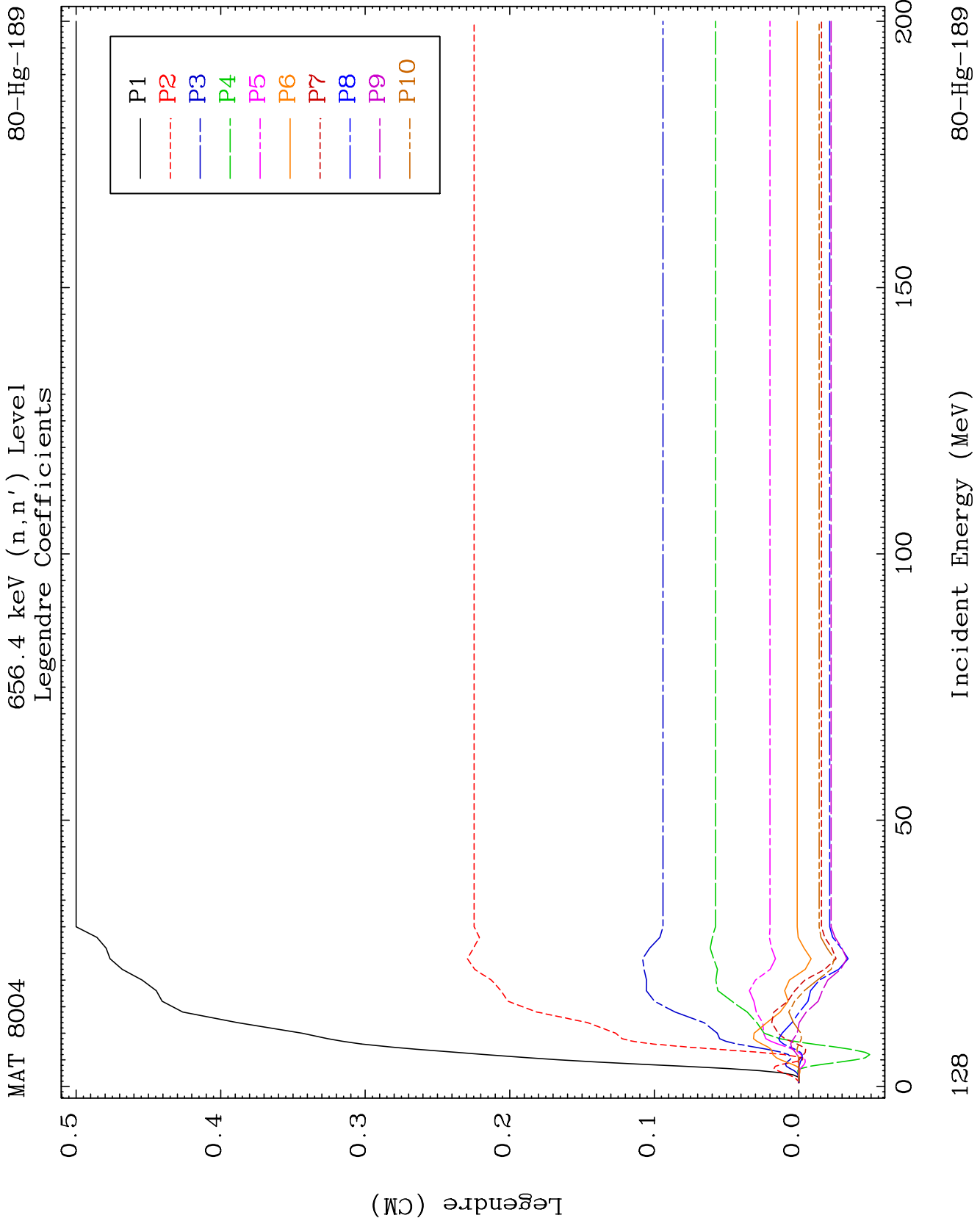


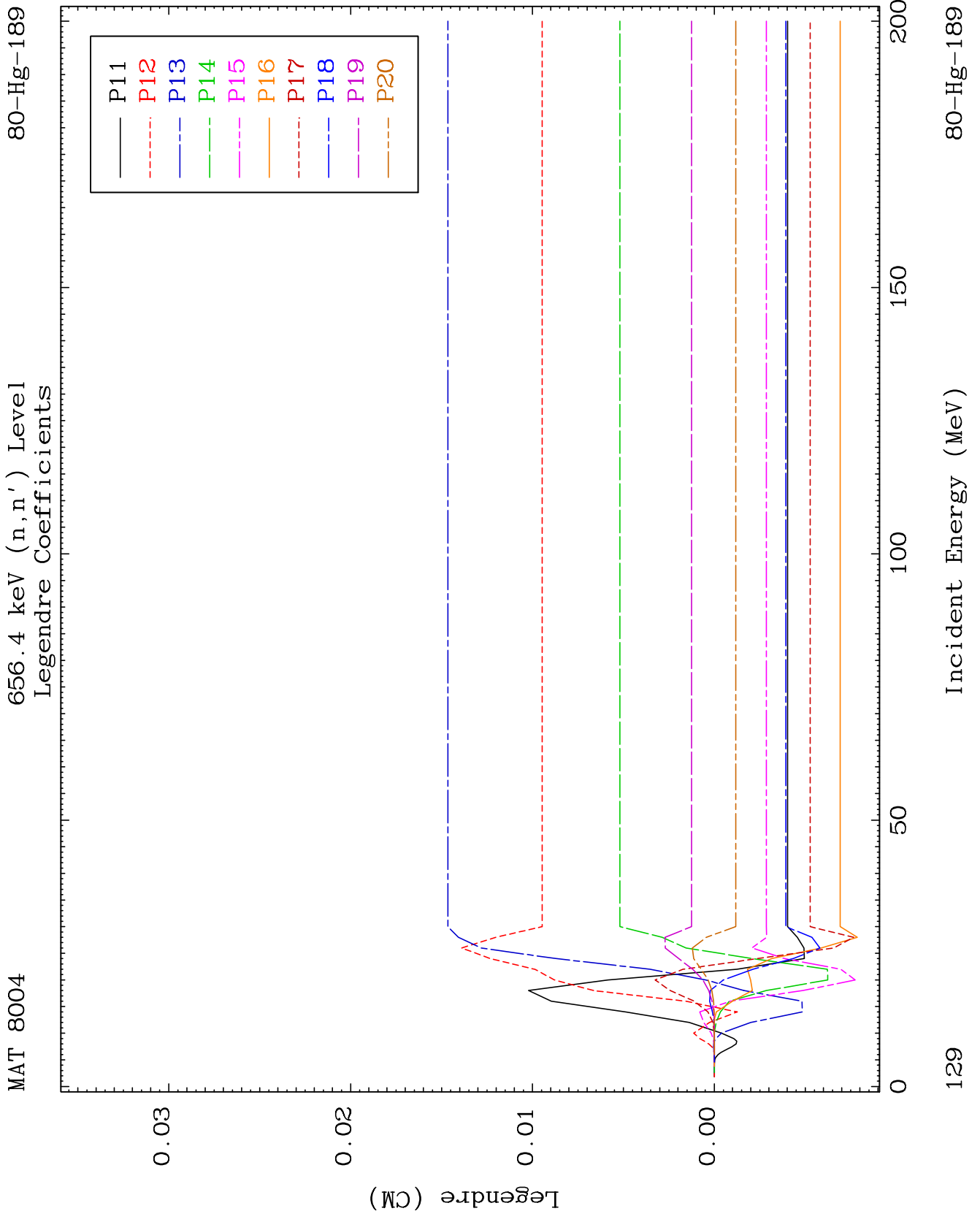








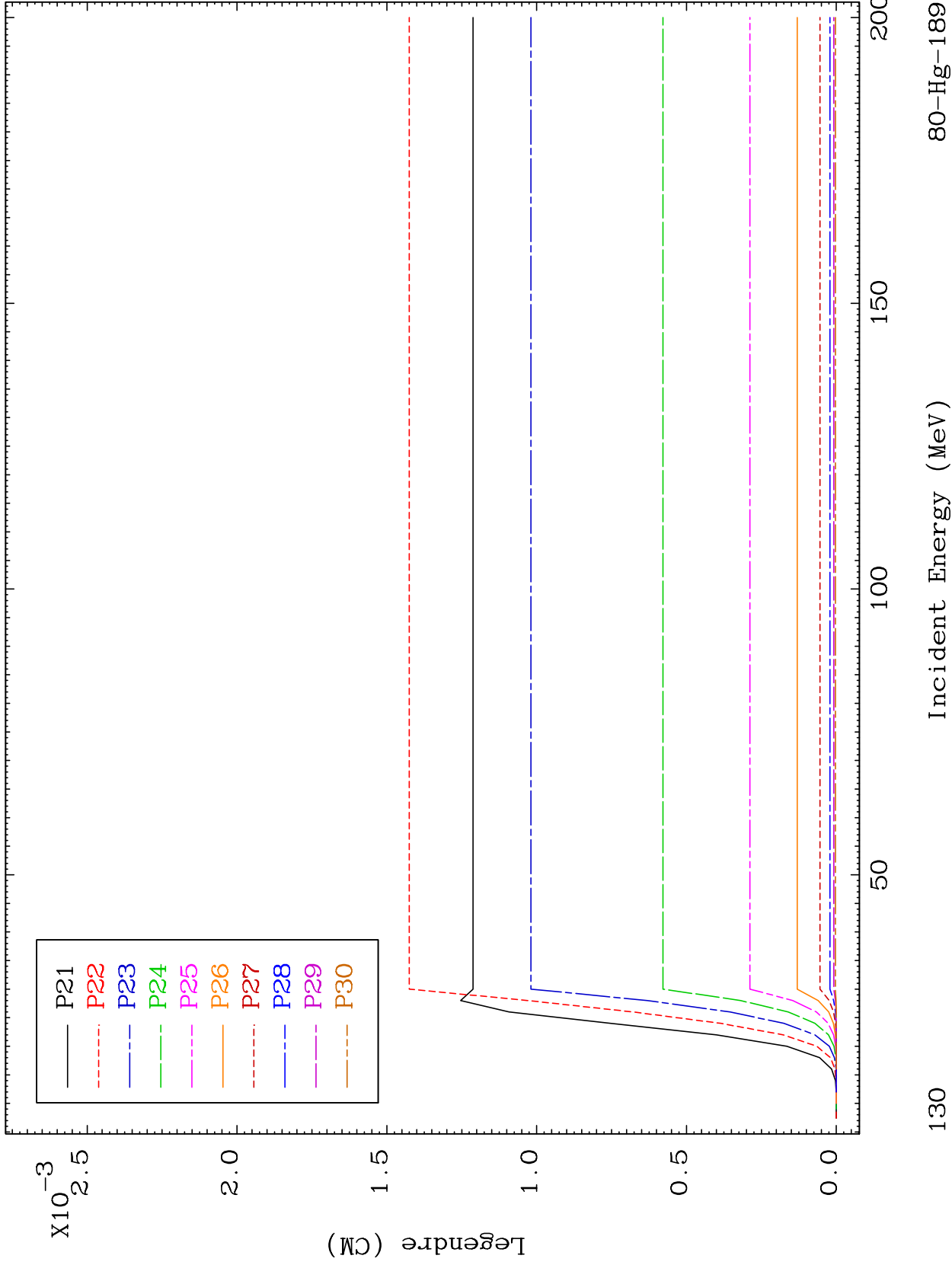


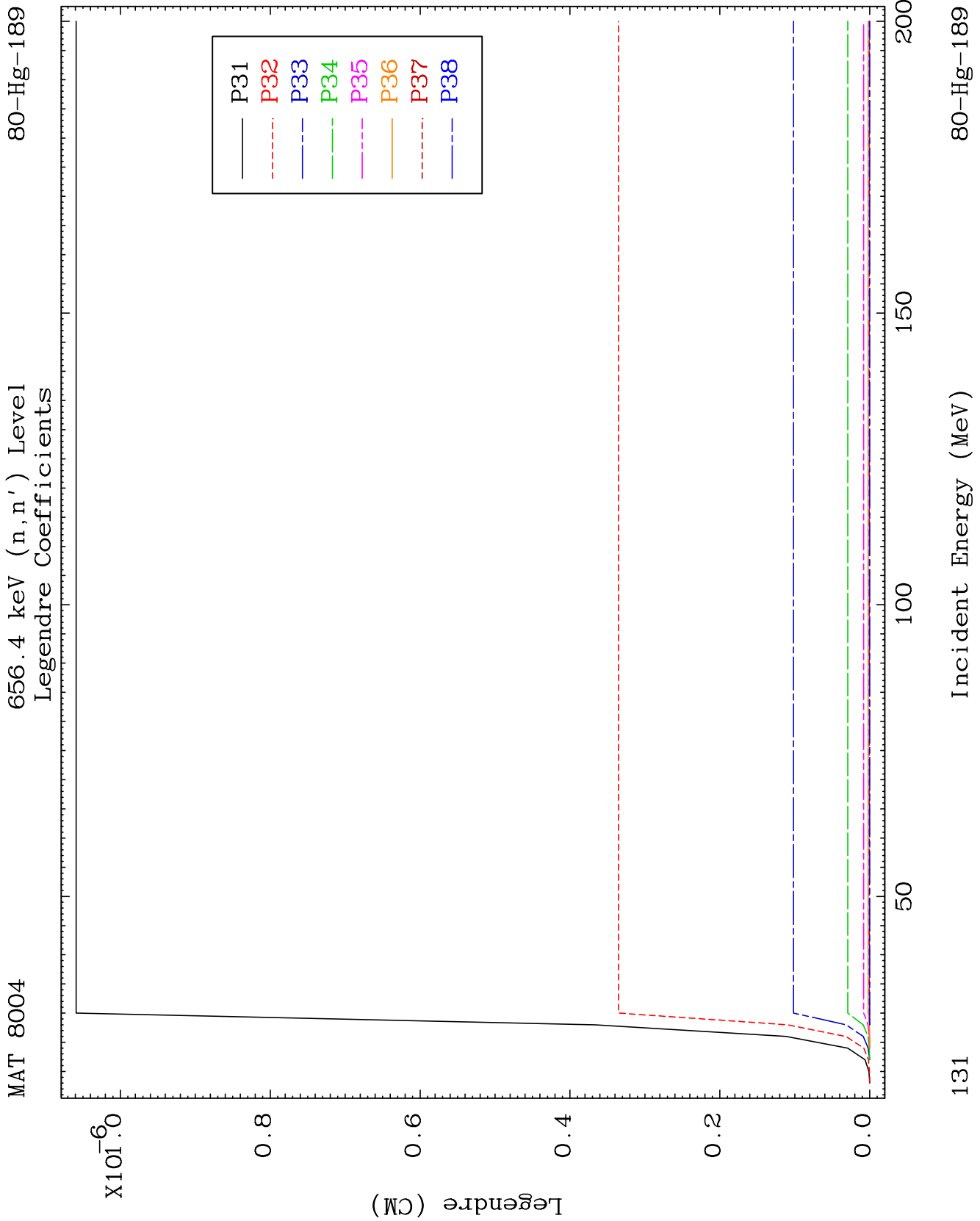


MAT 8004

656.4 keV (n,n') Level
Legendre Coefficients

80-Hg-189

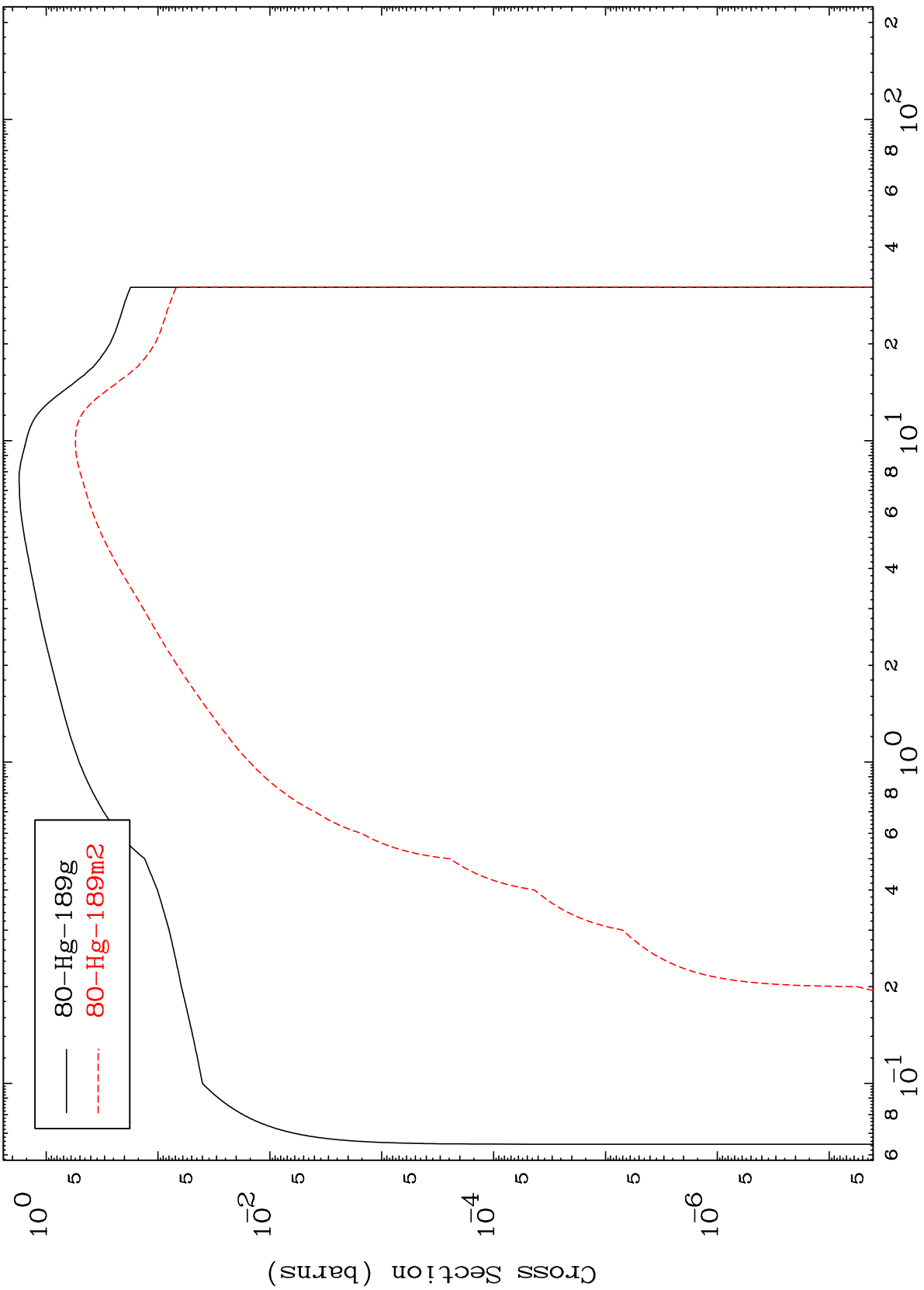




MAT 8004

80-Hg-189

Inelastic
Radionuclide Production Cross Section



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

80-Hg-189

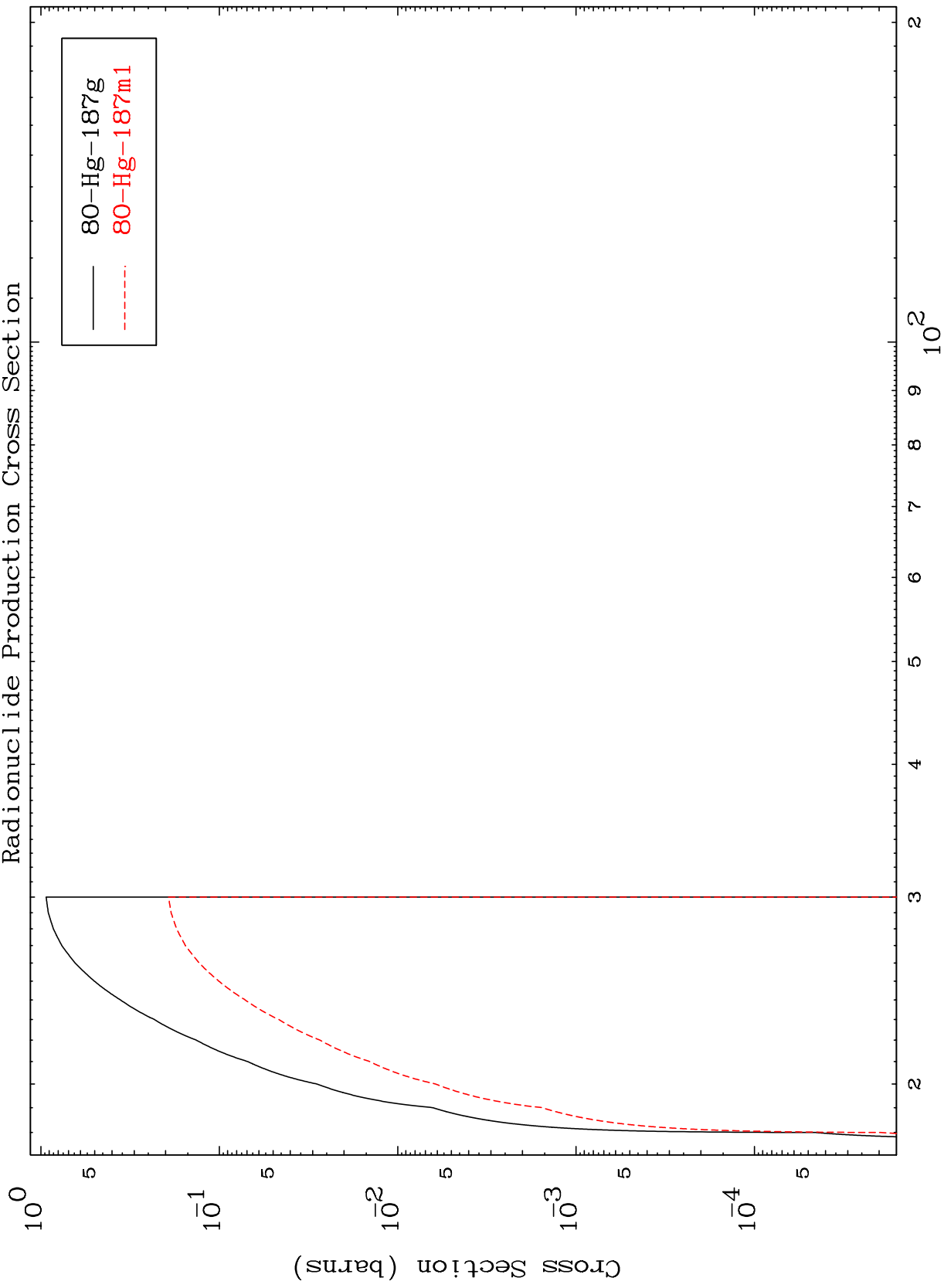
Incident Energy (MeV)

132

MAT 8004

80-Hg-189

(n,3n)
Radionuclide Production Cross Section



133

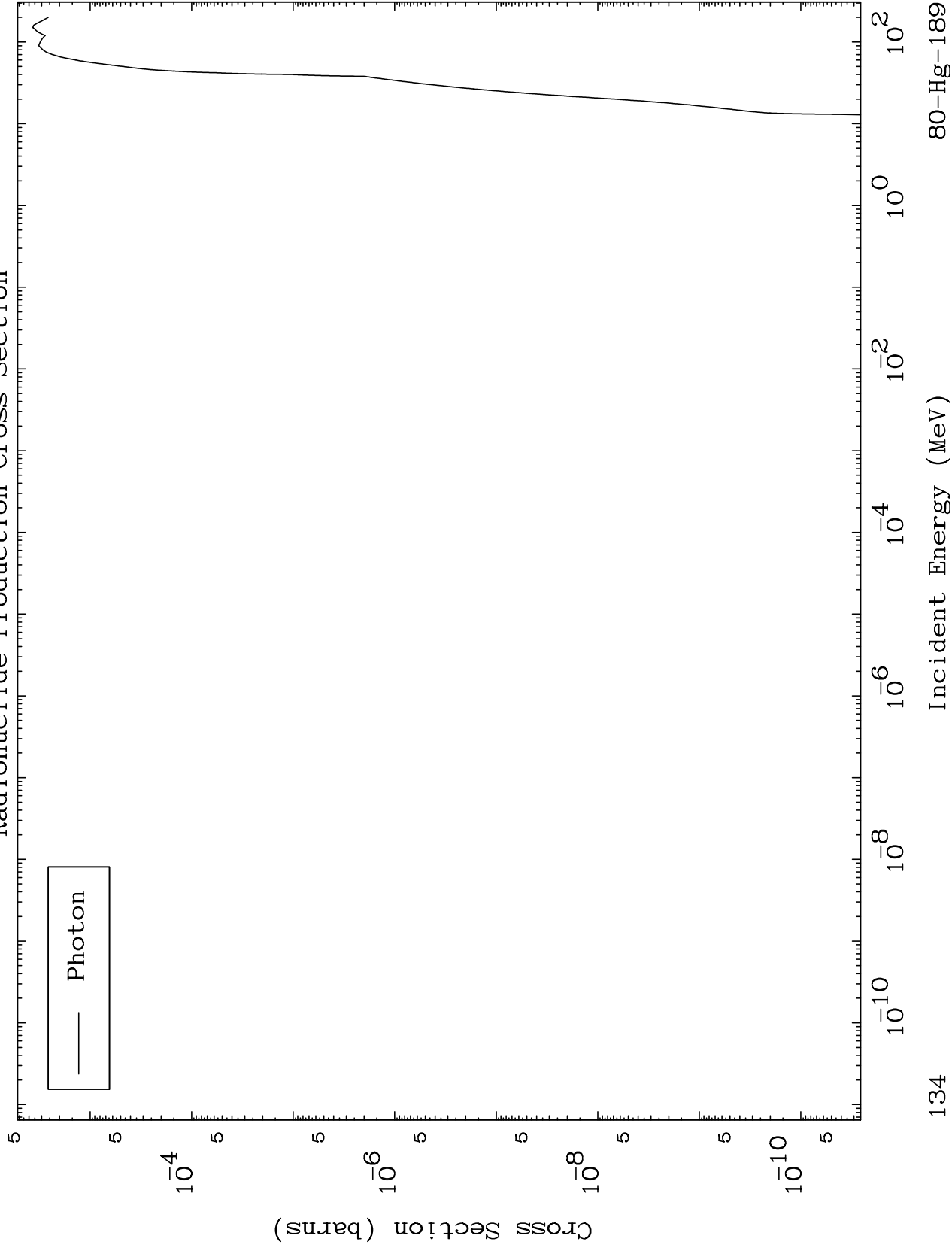
Incident Energy (MeV)

80-Hg-189

MAT 8004

Fission
Radionuclide Production Cross Section

80-Hg-189

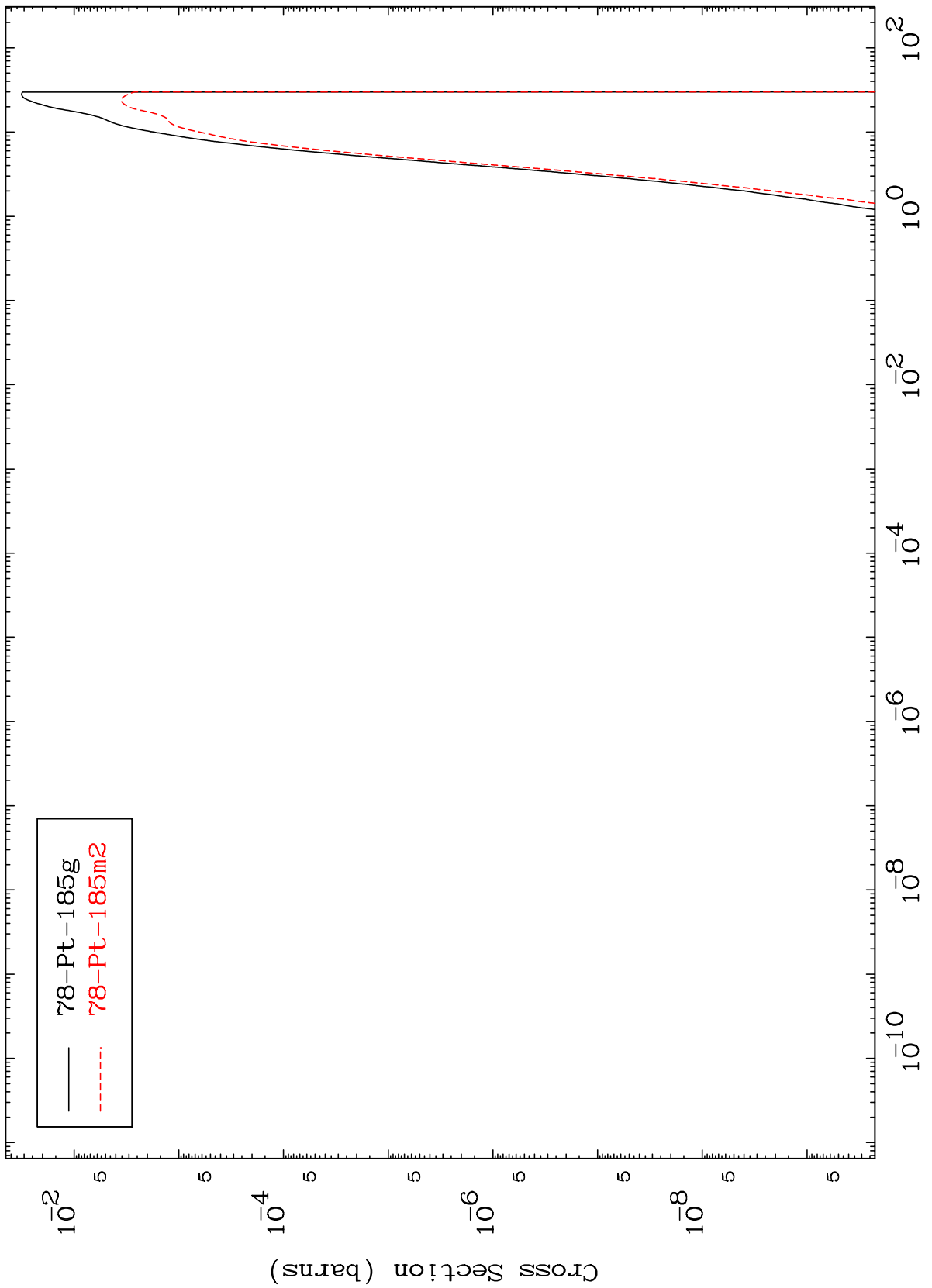


MAT 8004

$(n, n') \alpha$

80-Hg-189

Radionuclide Production Cross Section

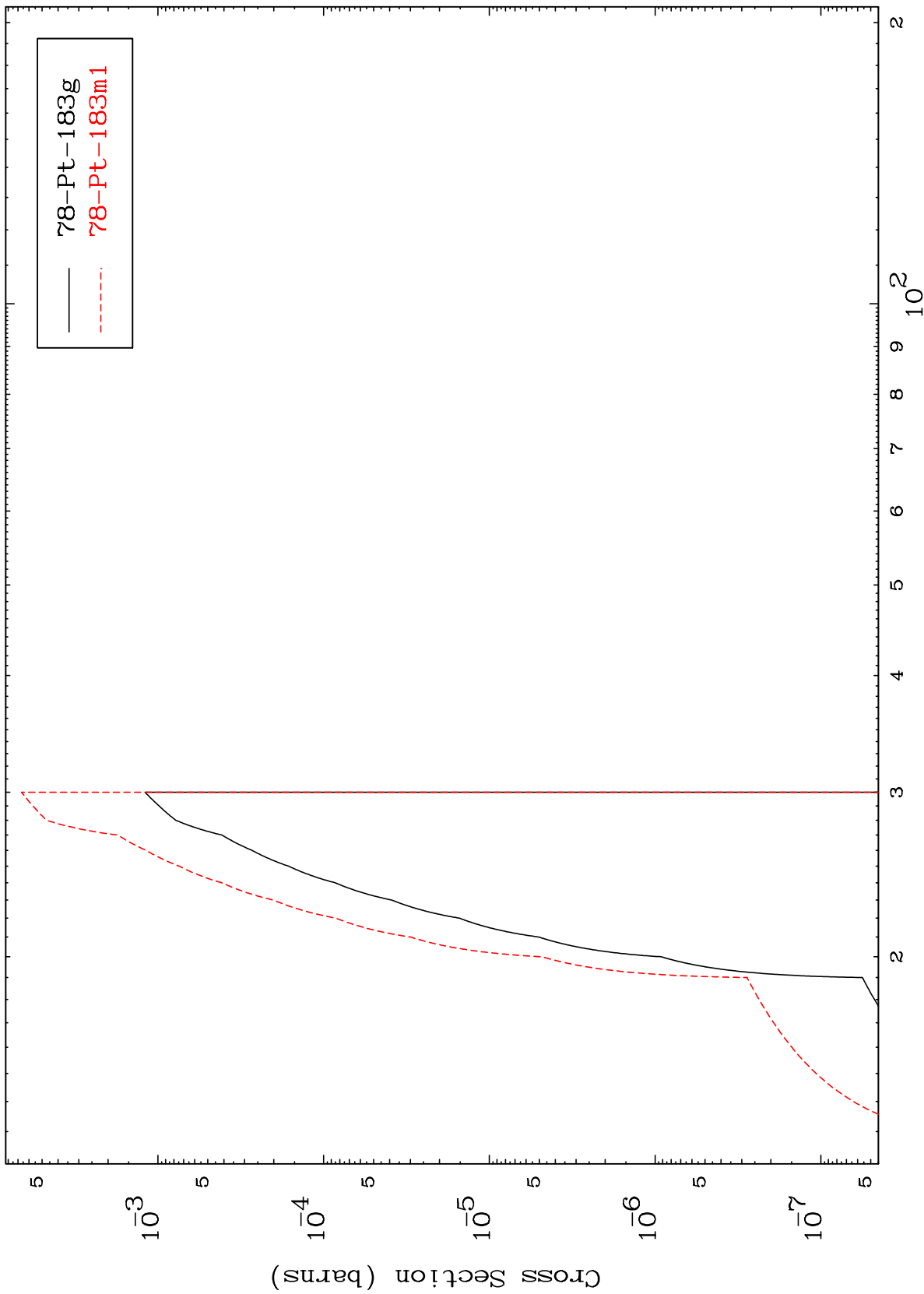


MAT 8004

(n,3n) α

80-Hg-189

Radionuclide Production Cross Section



136

Incident Energy (MeV)

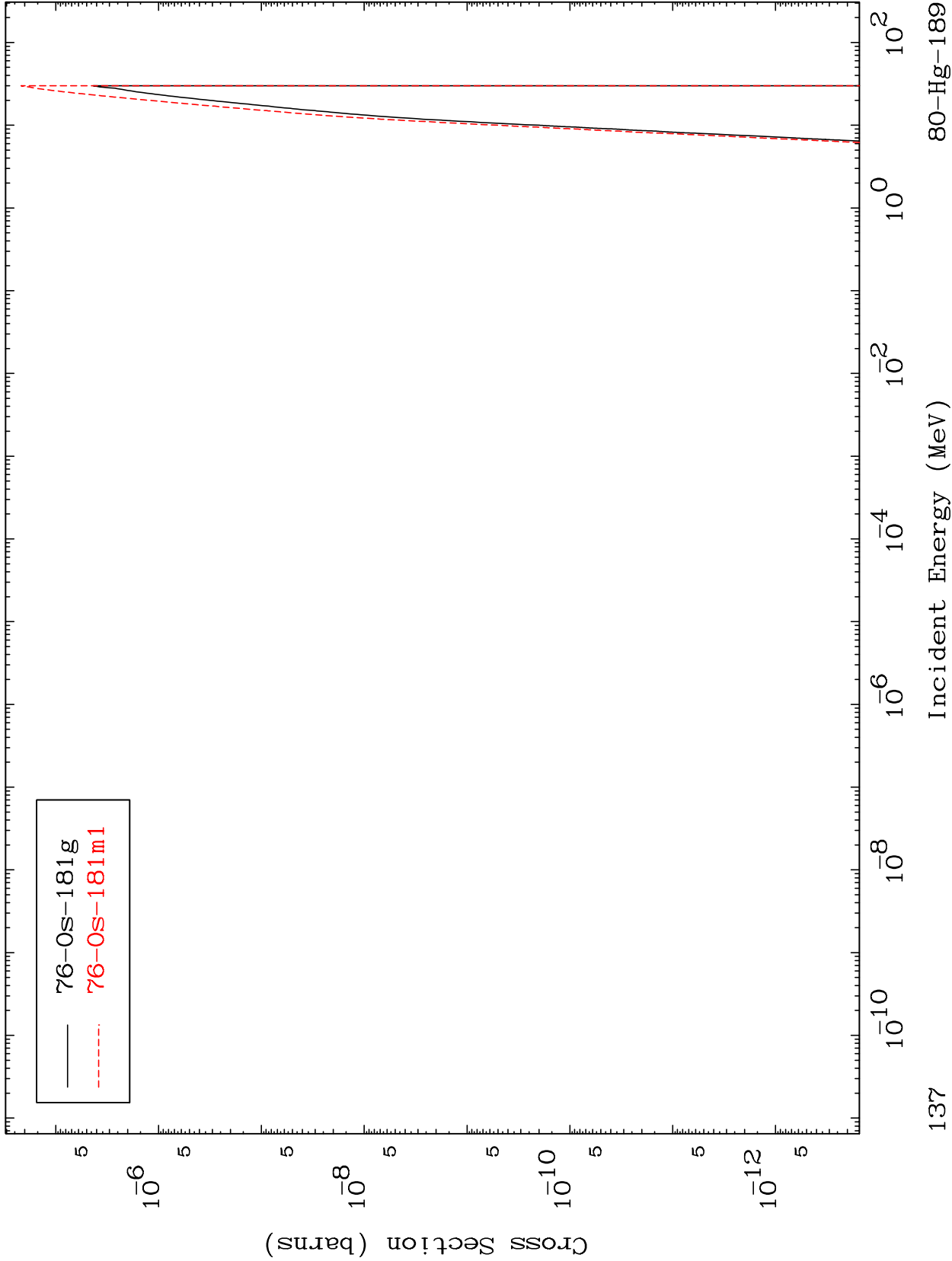
80-Hg-189

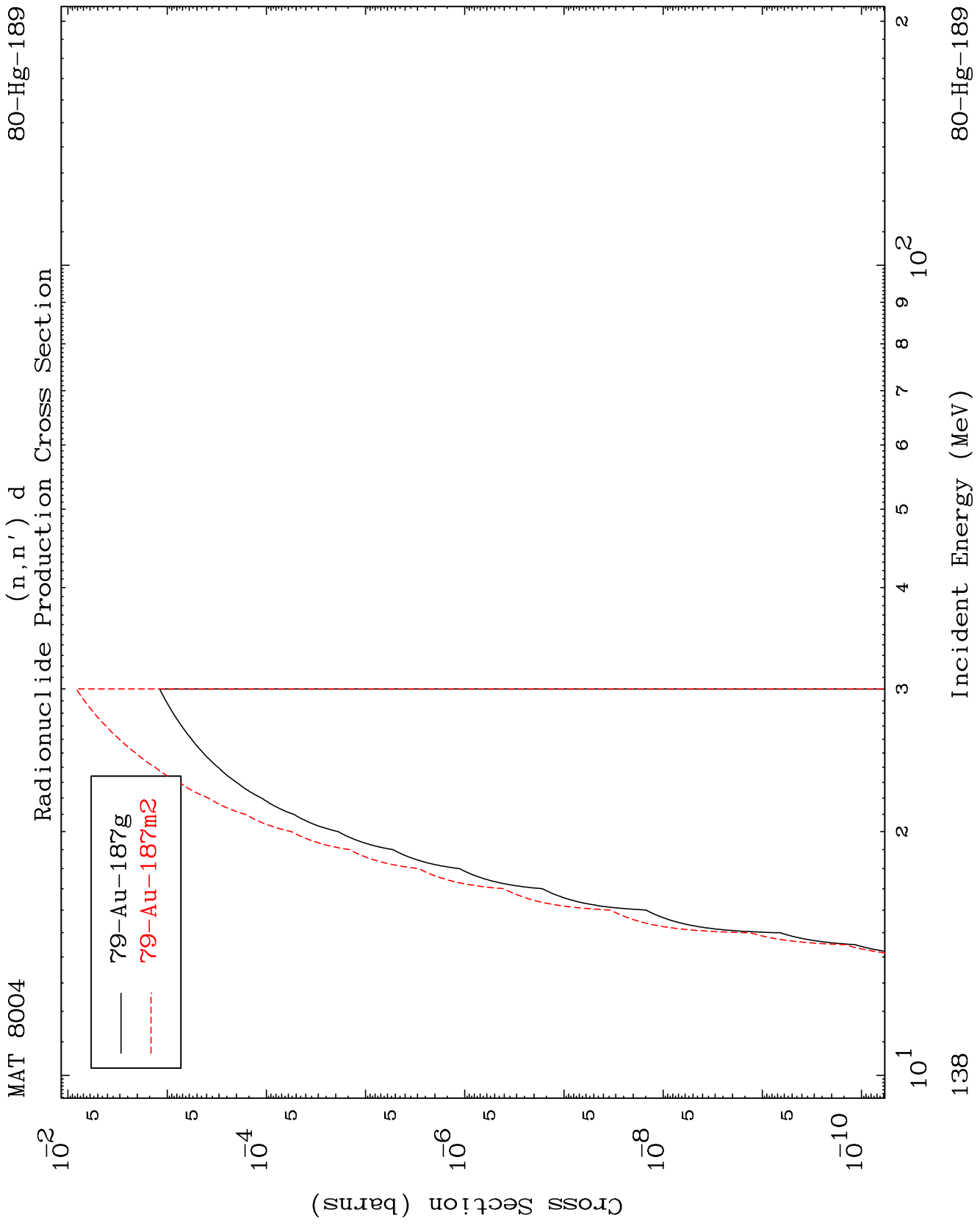
MAT 8004

(n,n') 2 α

80-Hg-189

Radionuclide Production Cross Section

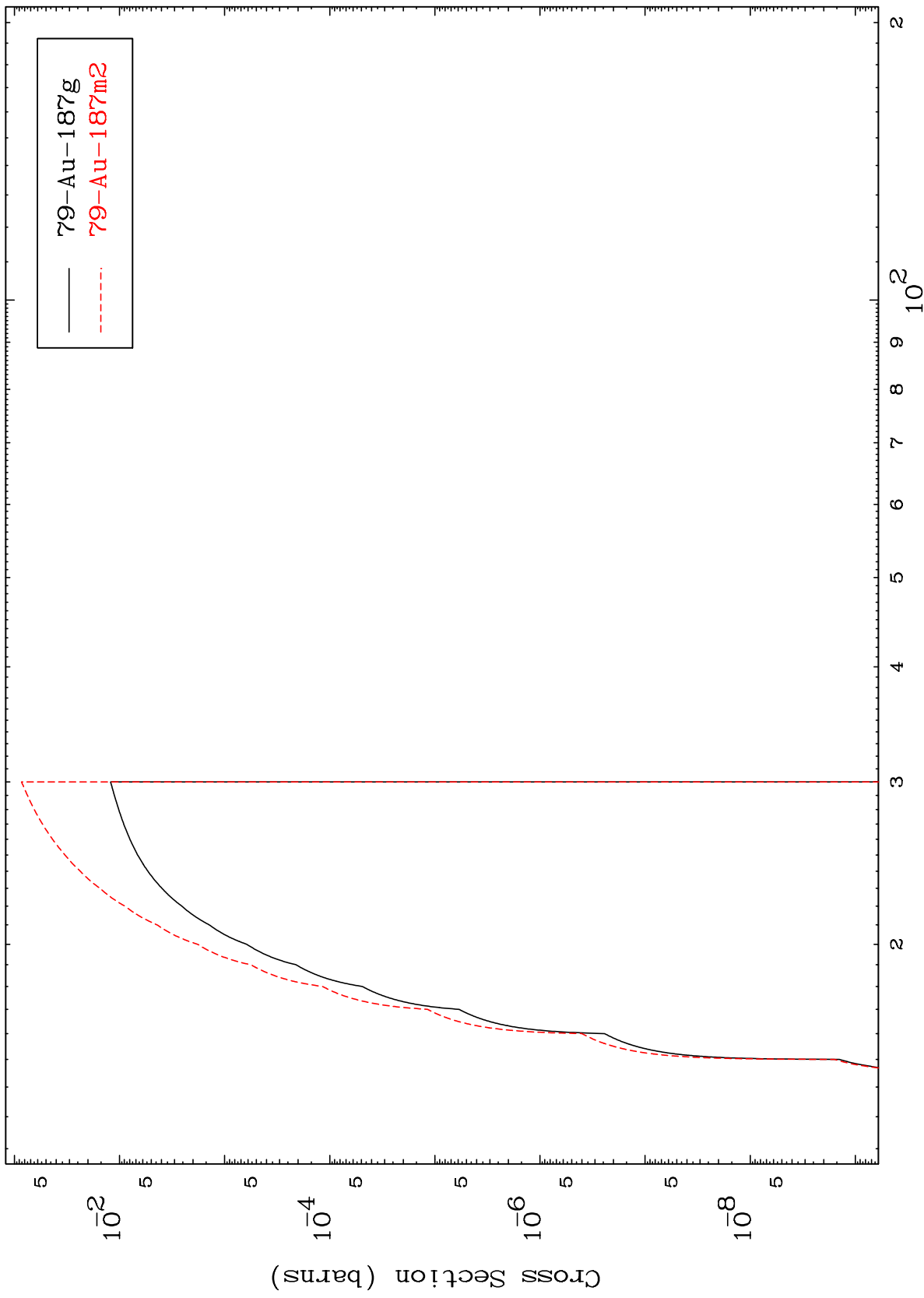




MAT 8004

80-Hg-189

(n,2n) p
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

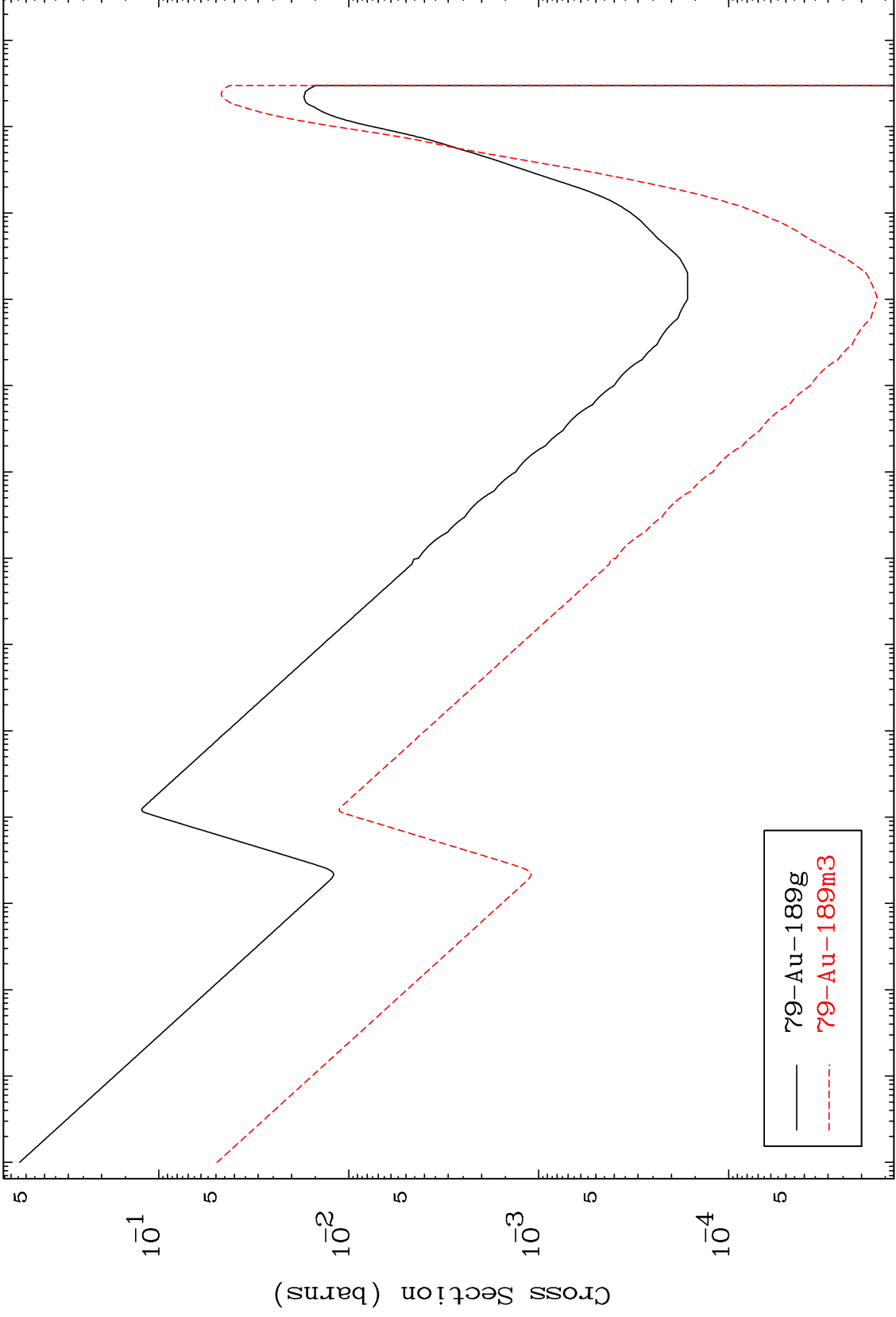
139

MAT 8004

(n,p)

80-Hg-189

Radionuclide Production Cross Section



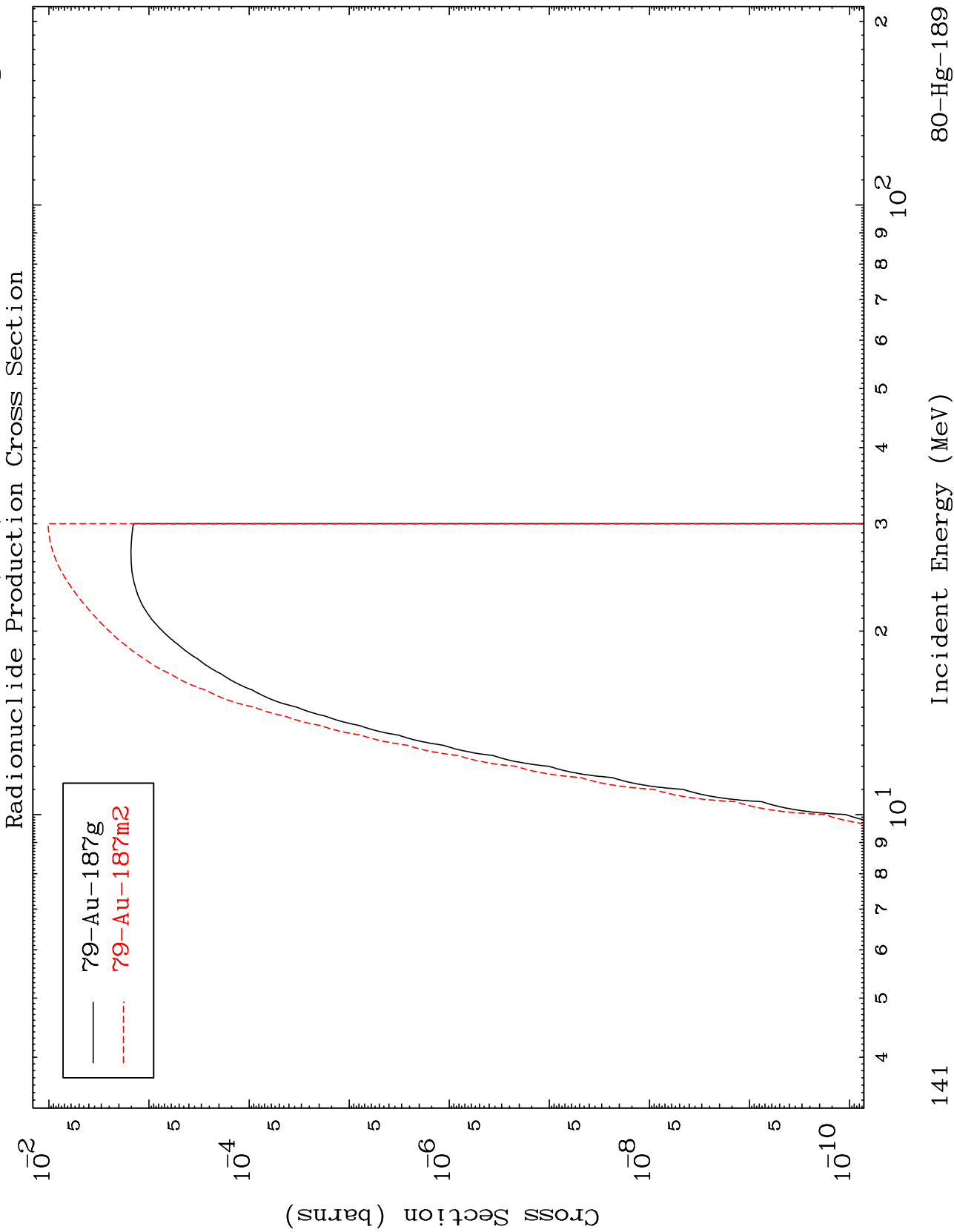
Incident Energy (MeV)

80-Hg-189

140

MAT 8004

80-Hg-189



141

80-Hg-189