

Program EVALPLOT
(Version 2015-2)

by

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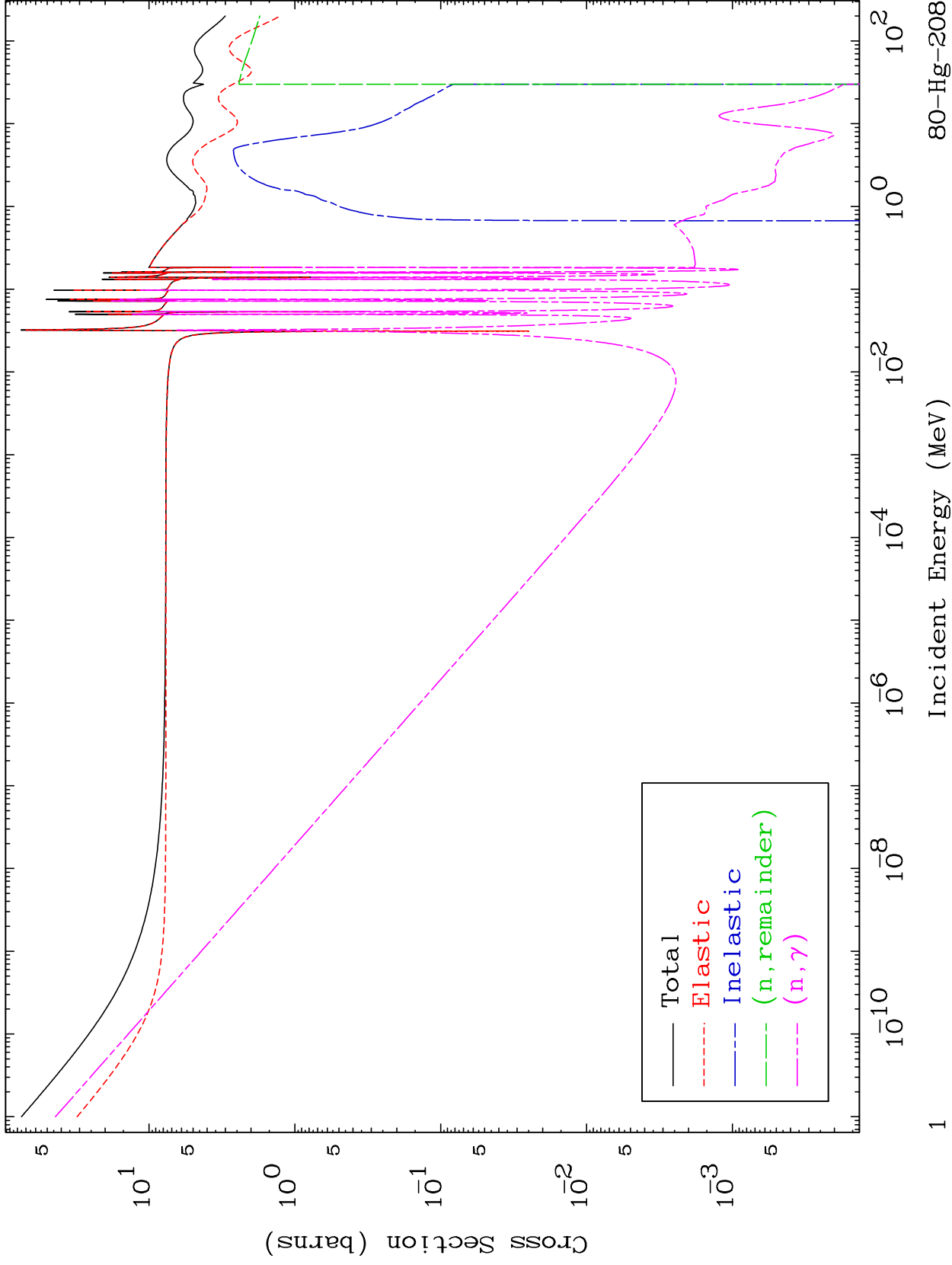
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8061

Major
293 Kelvin Cross Sections

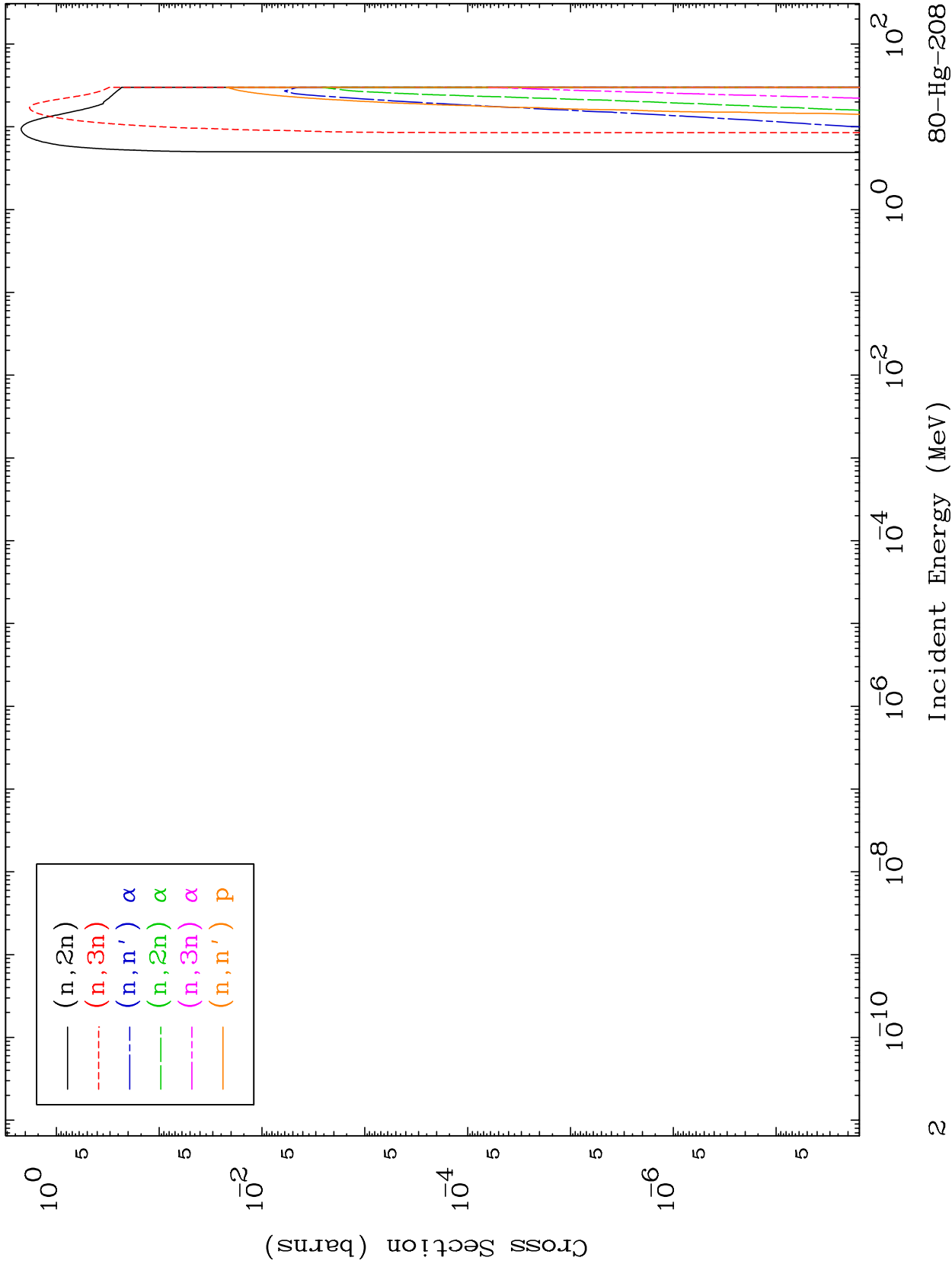
80-Hg-208



MAT 8061

Neutron Production
293 Kelvin Cross Sections

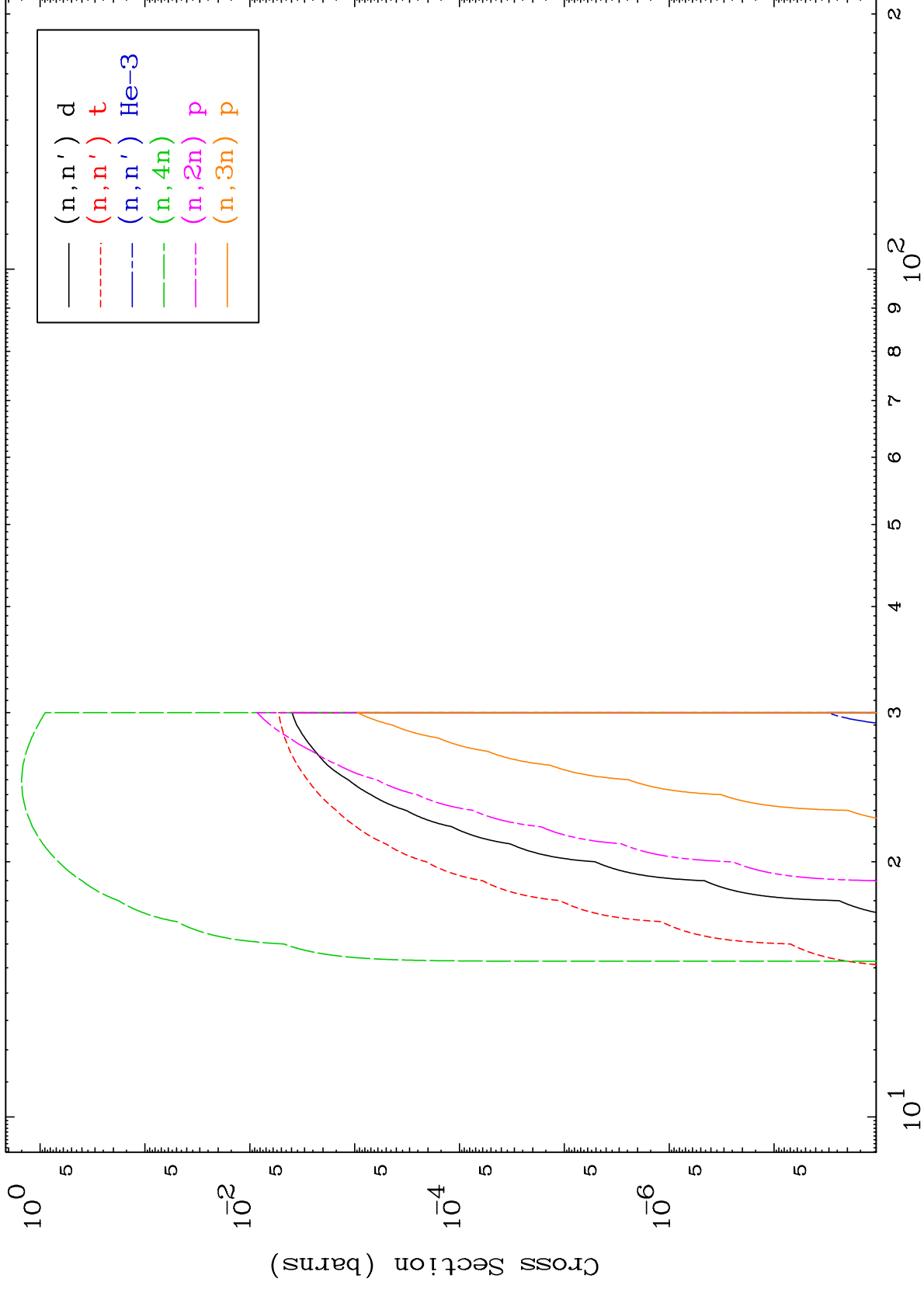
80-Hg-208



MAT 8061

Neutron Production
293 Kelvin Cross Sections

80-Hg-208



Incident Energy (MeV)

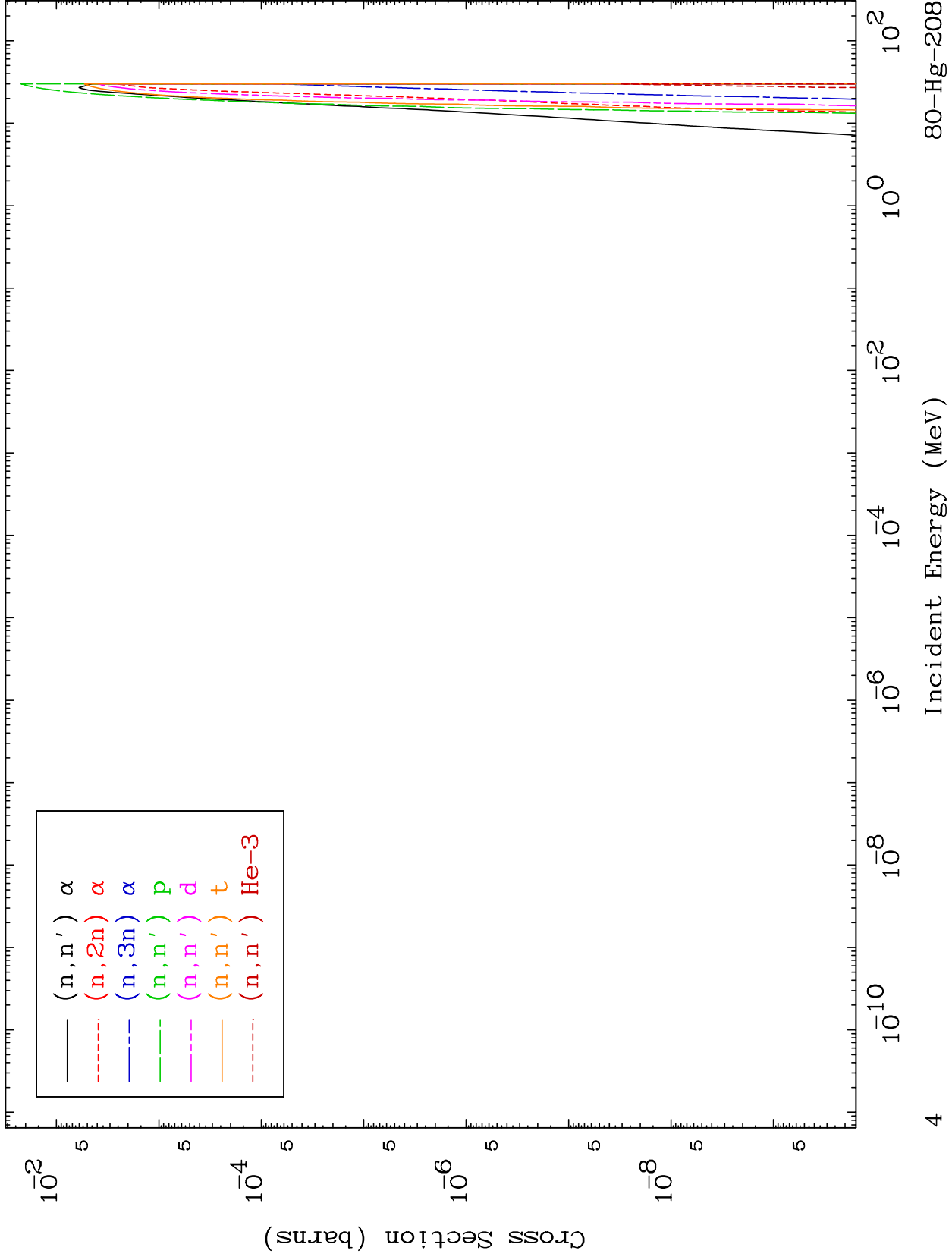
80-Hg-208

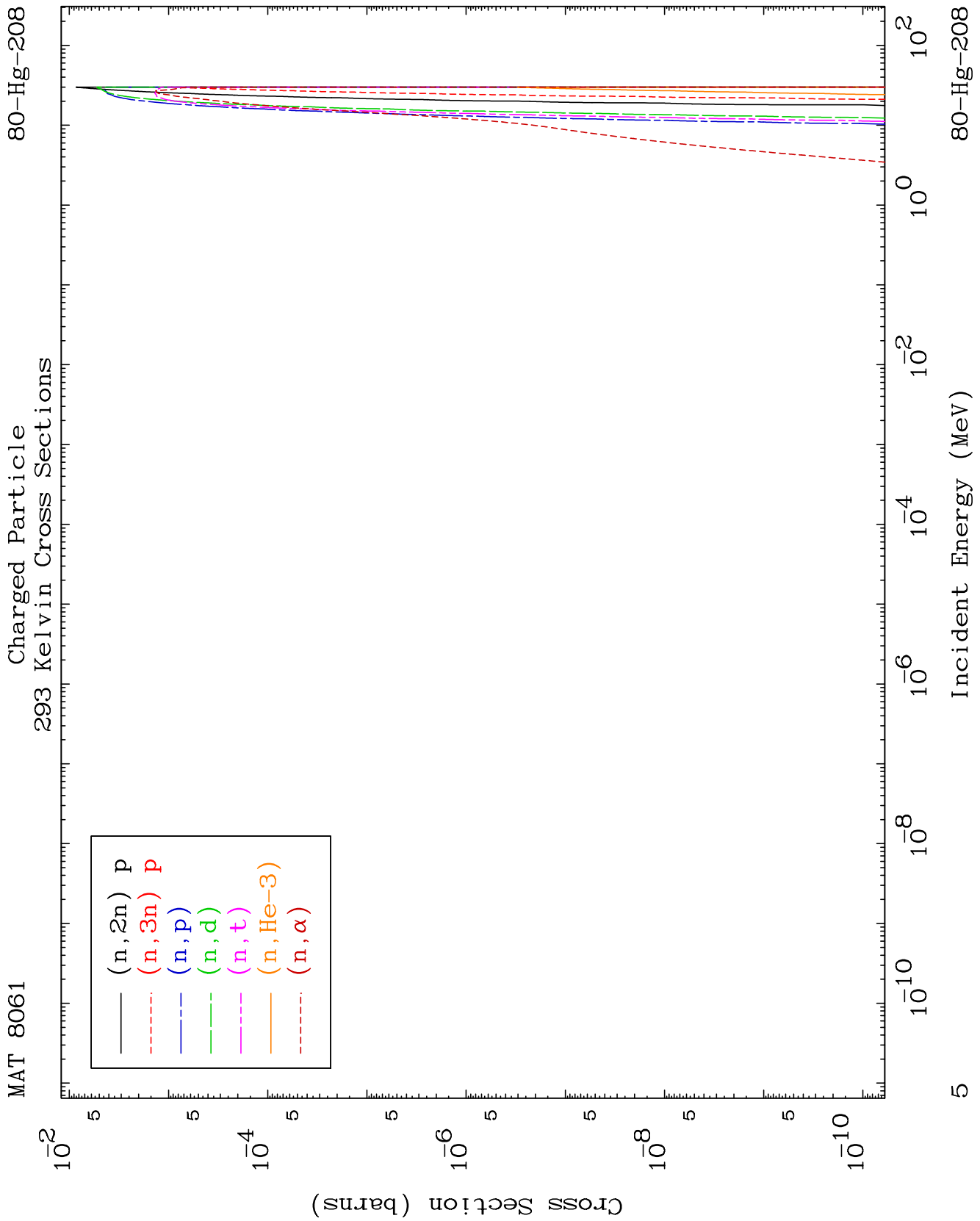
3

MAT 8061

Charged Particle
293 Kelvin Cross Sections

80-Hg-208

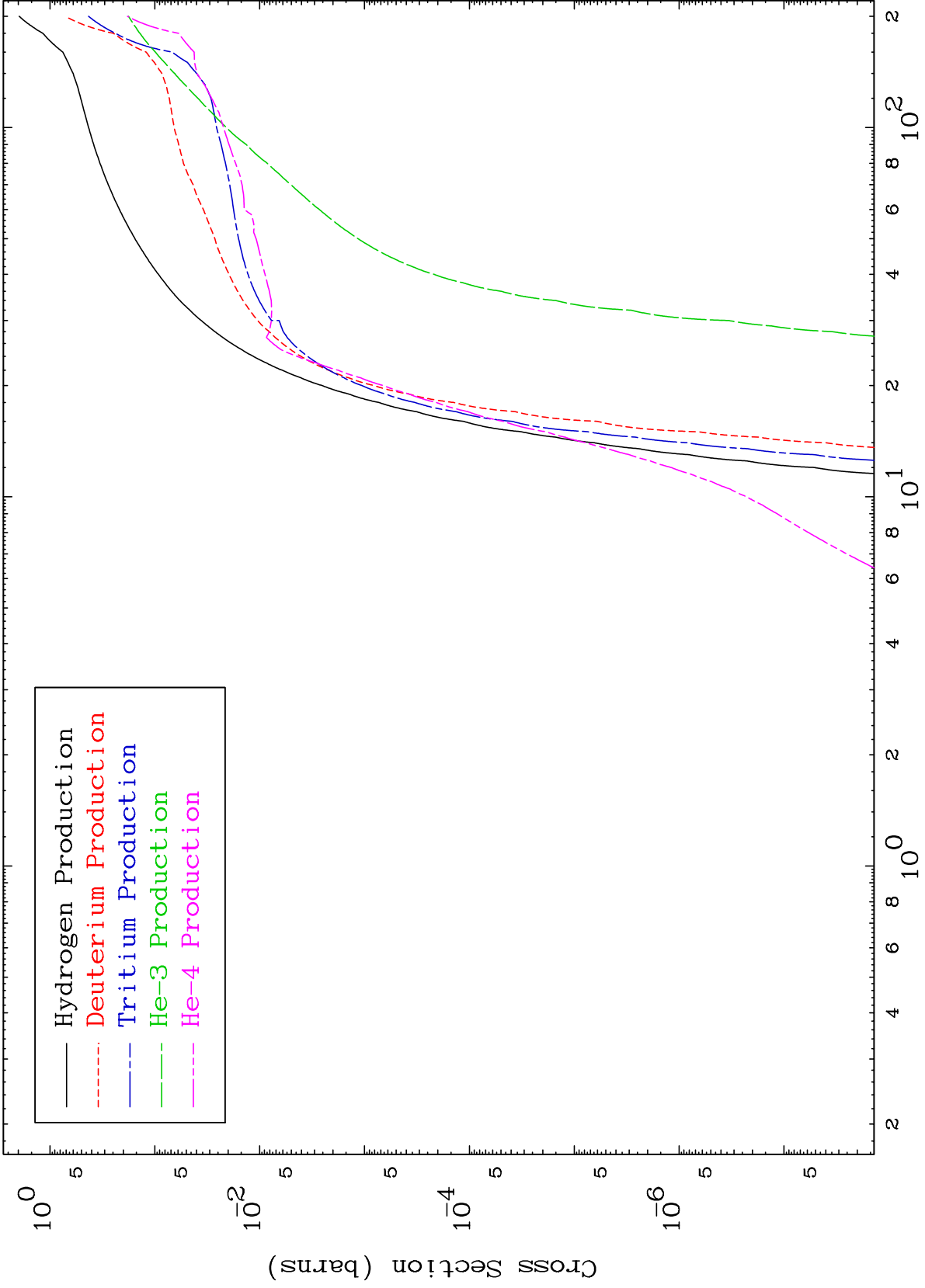




MAT 8061

Particle Production
293 Kelvin Cross Sections

80-Hg-208



6

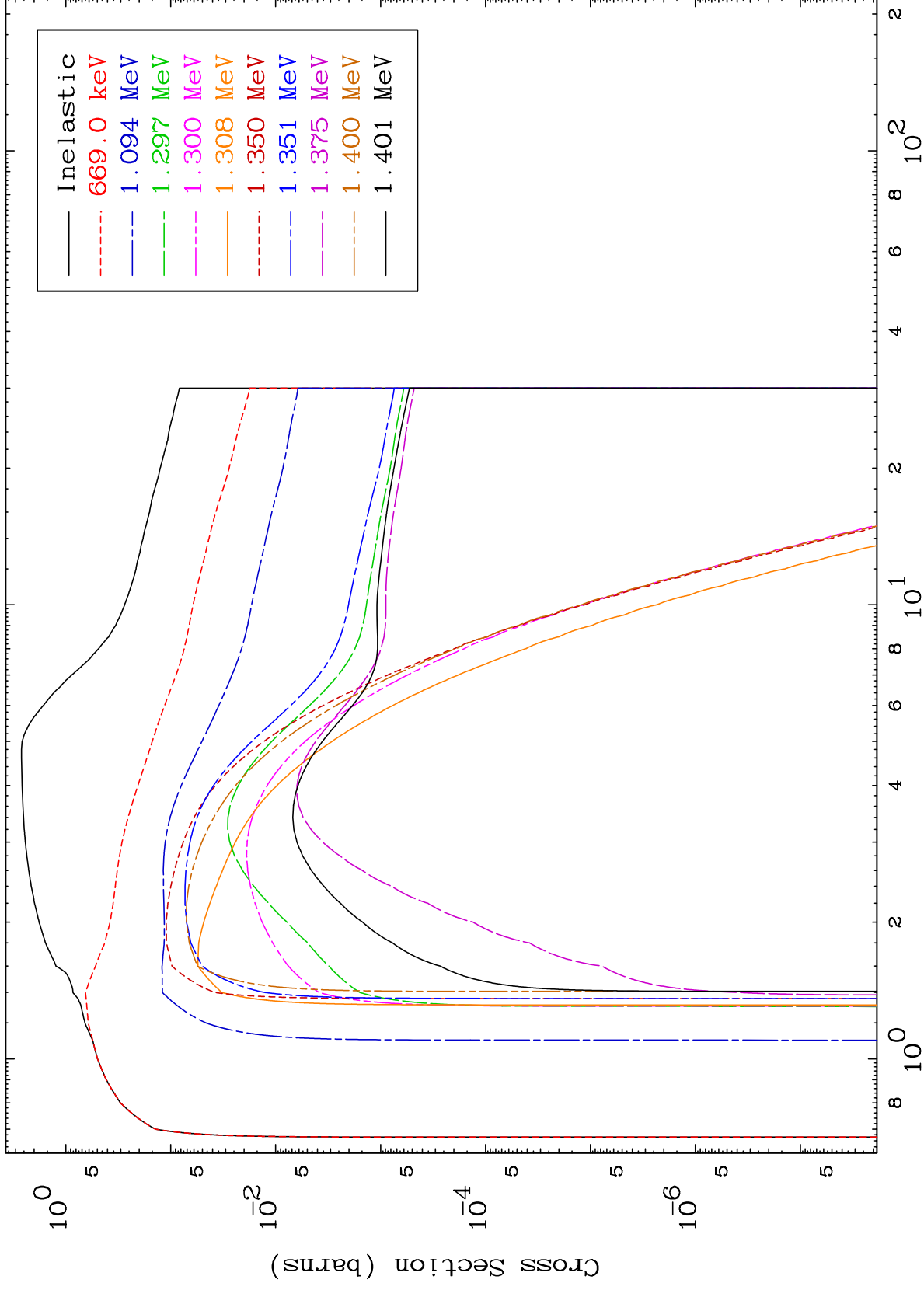
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,n') Level
293 Kelvin Cross Sections

80-Hg-208



7

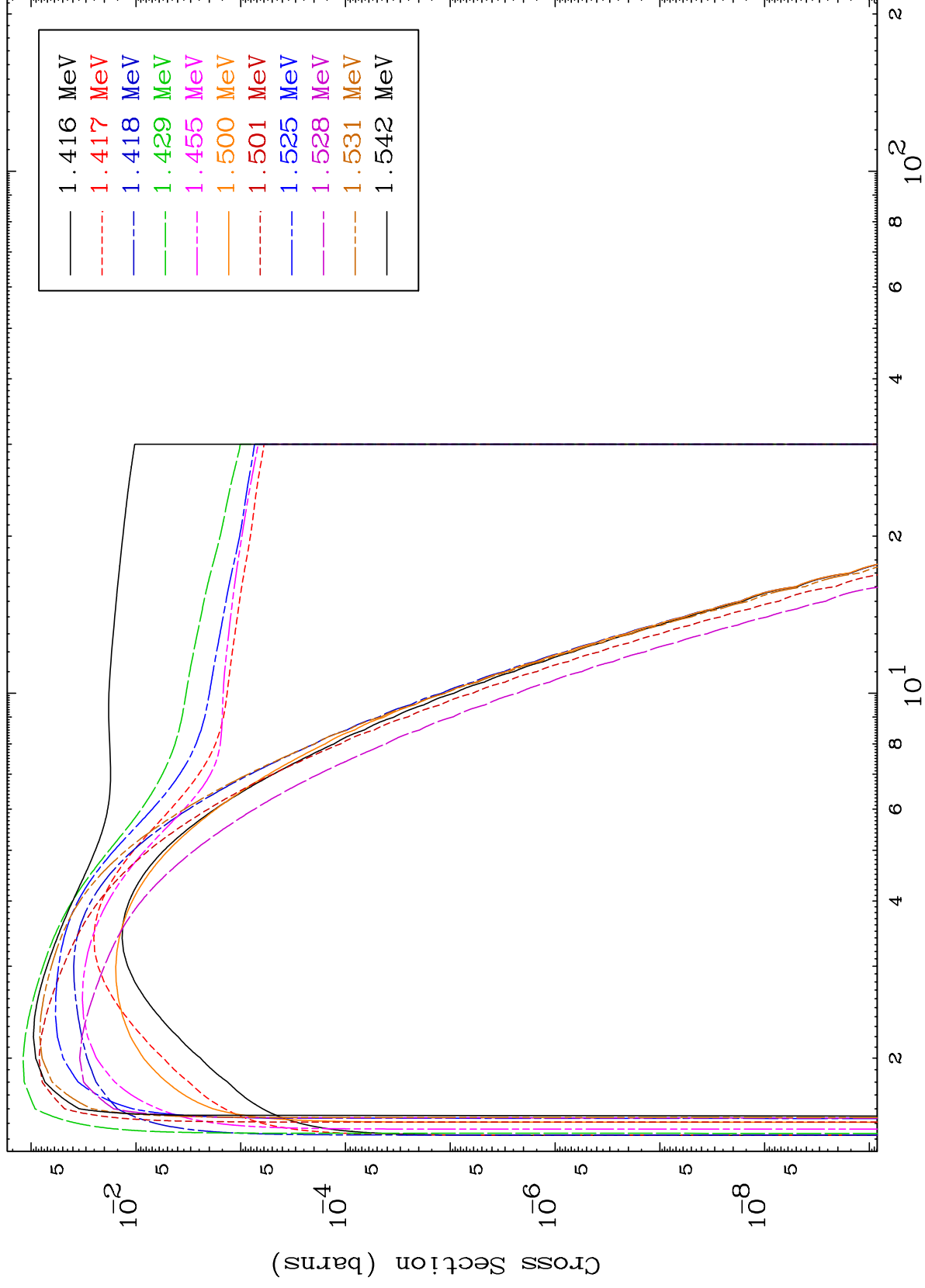
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,n') Level
293 Kelvin Cross Sections

80-Hg-208



8

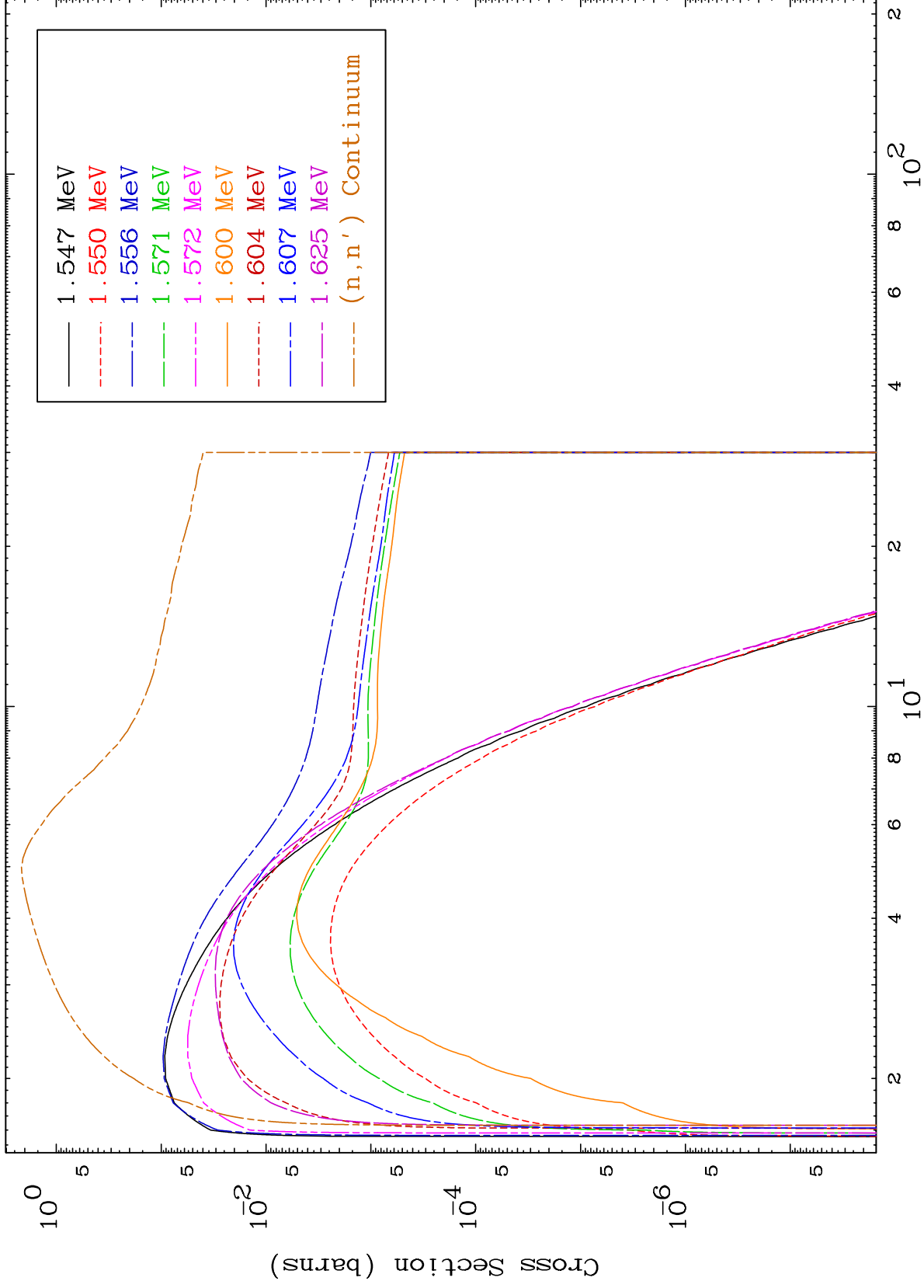
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,n') Level
293 Kelvin Cross Sections

80-Hg-208



9

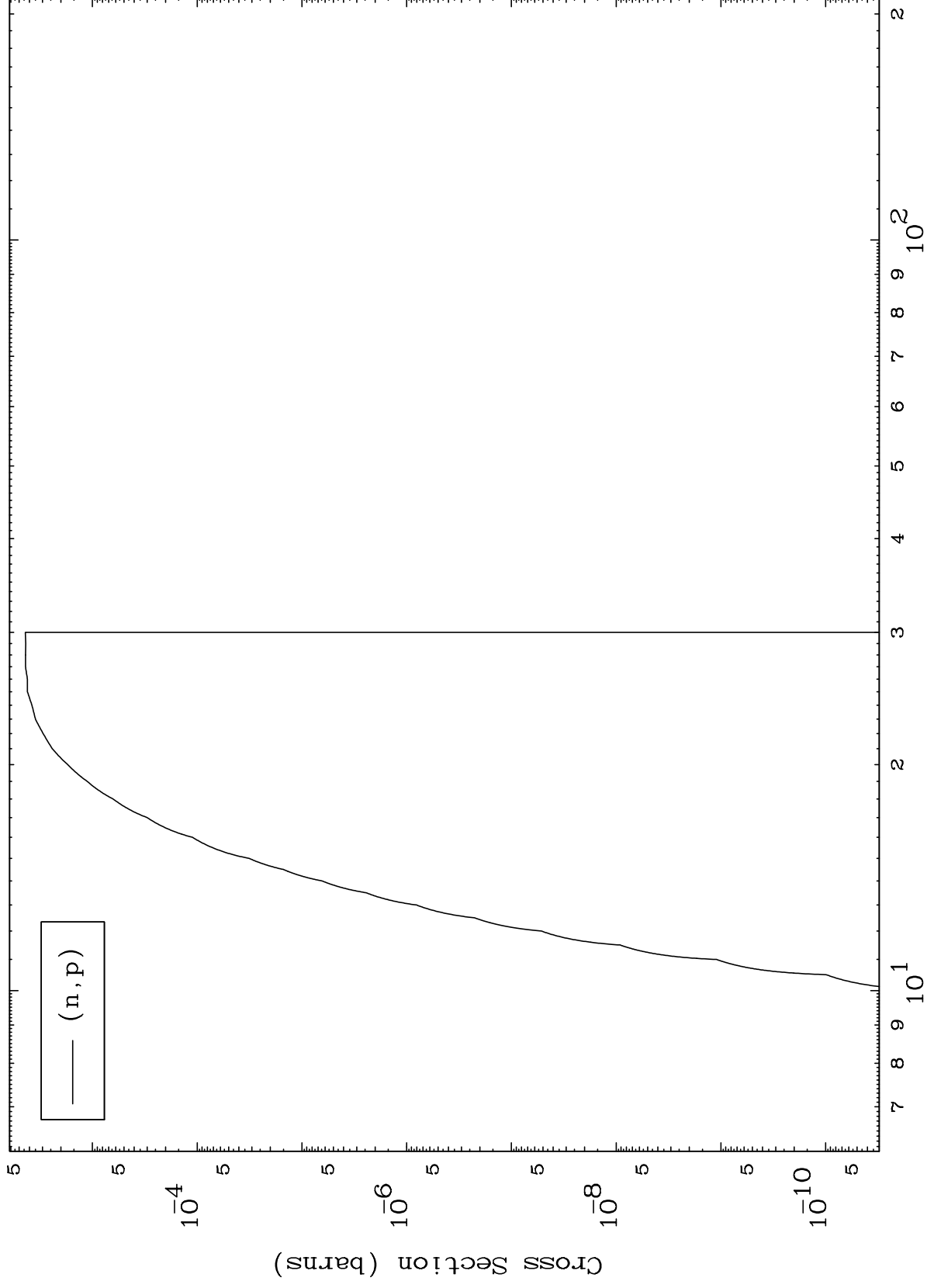
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-208



10

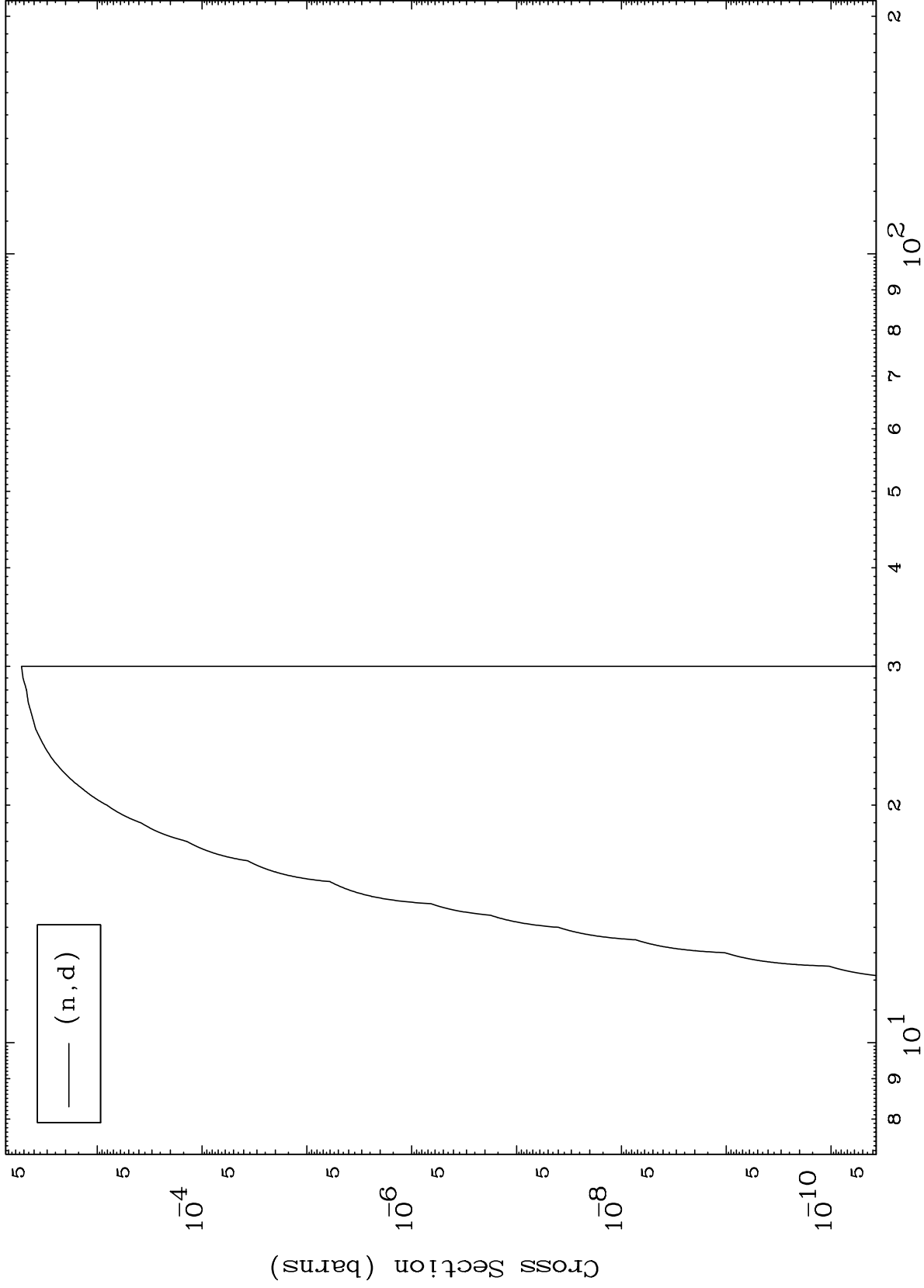
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-208



11

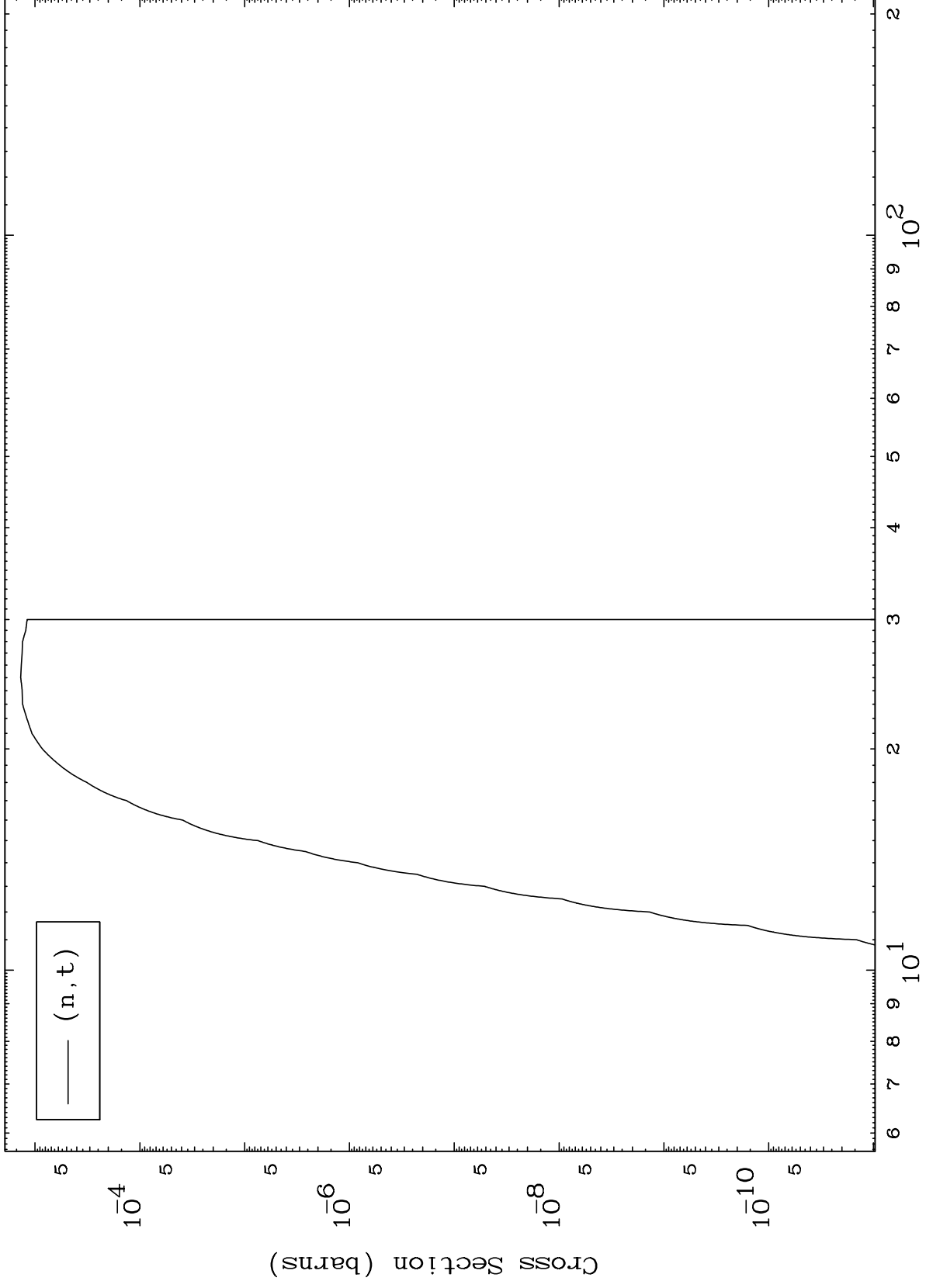
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-208



12

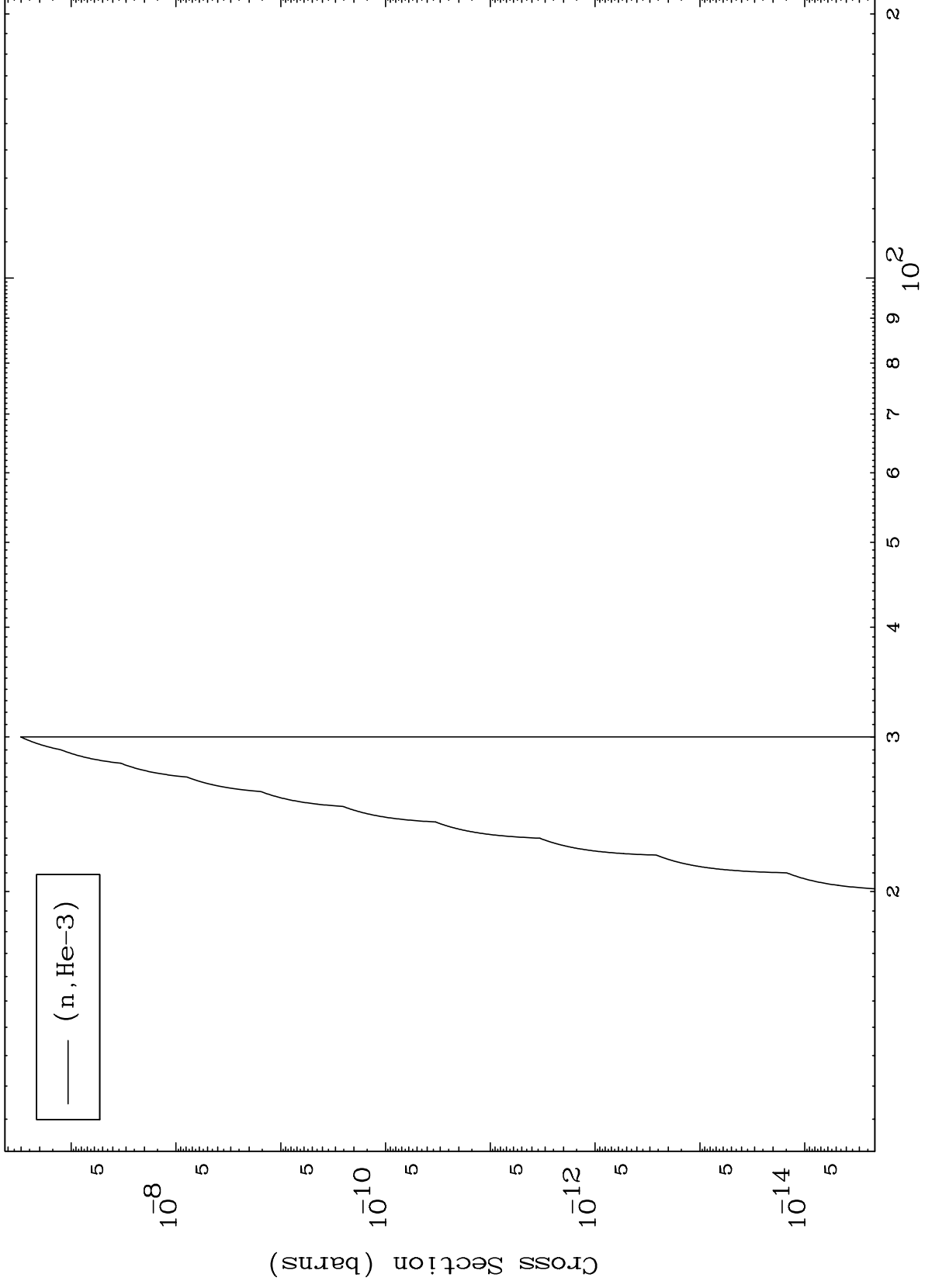
Incident Energy (MeV)

80-Hg-208

MAT 8061

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-208



13

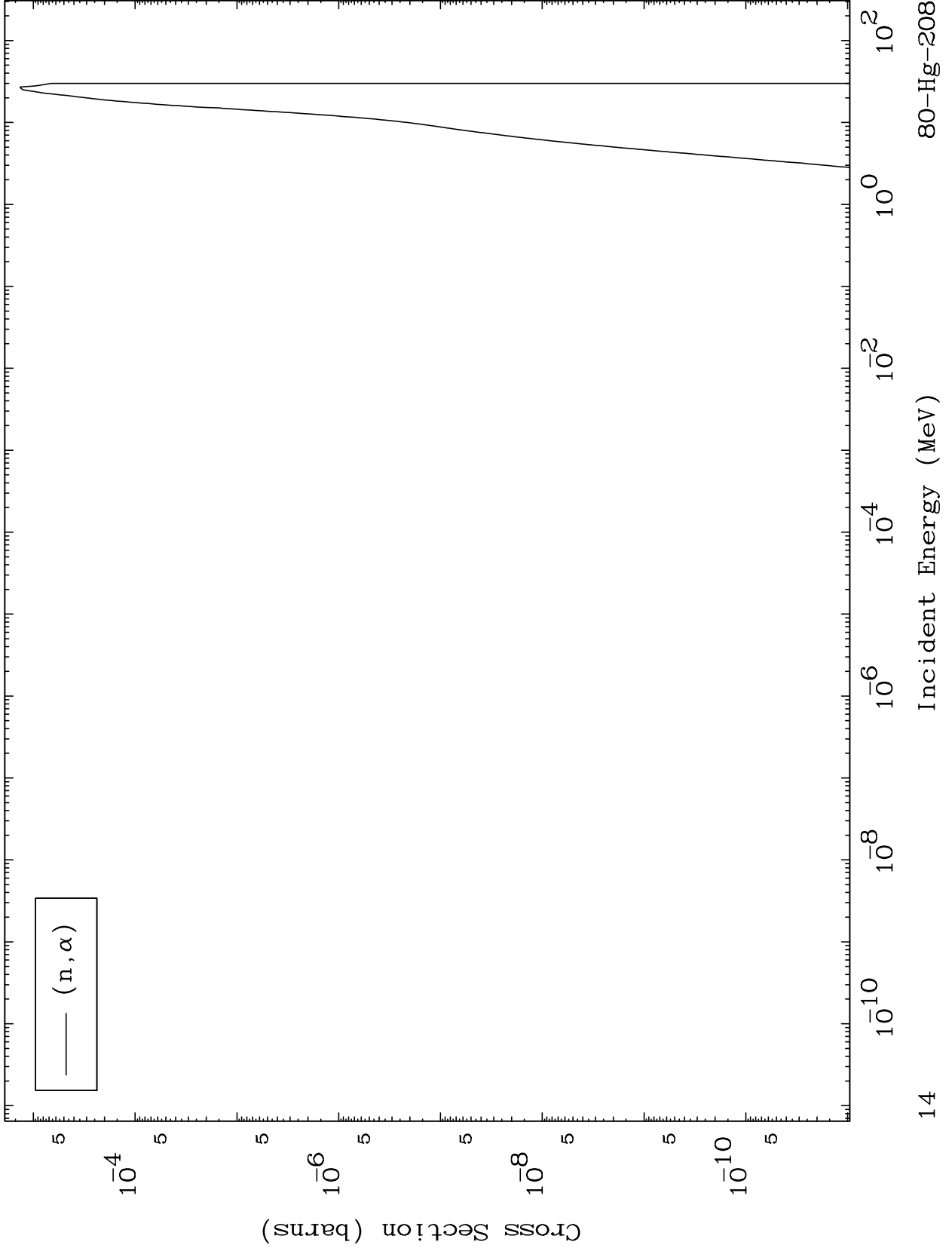
Incident Energy (MeV)

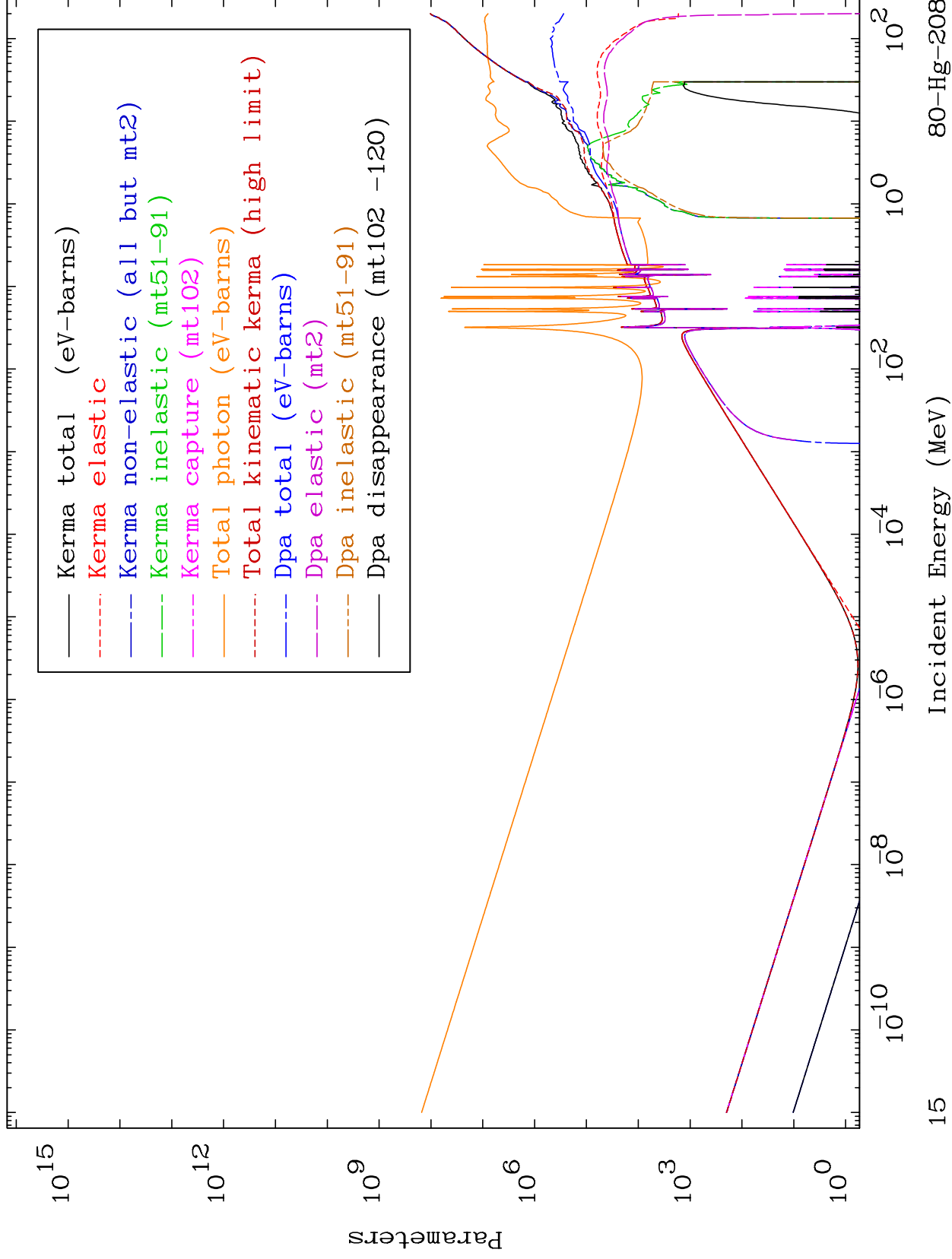
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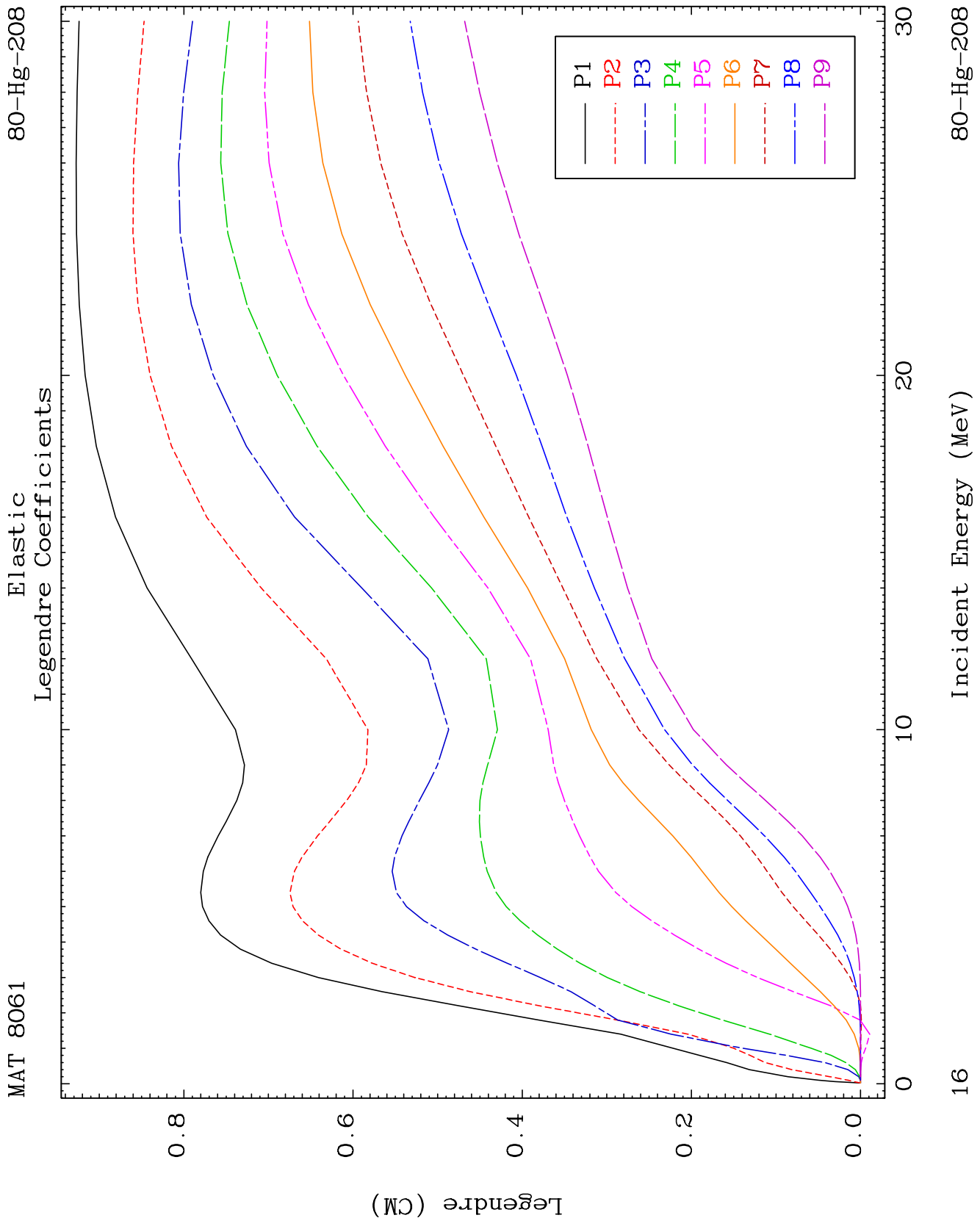
MAT 8061

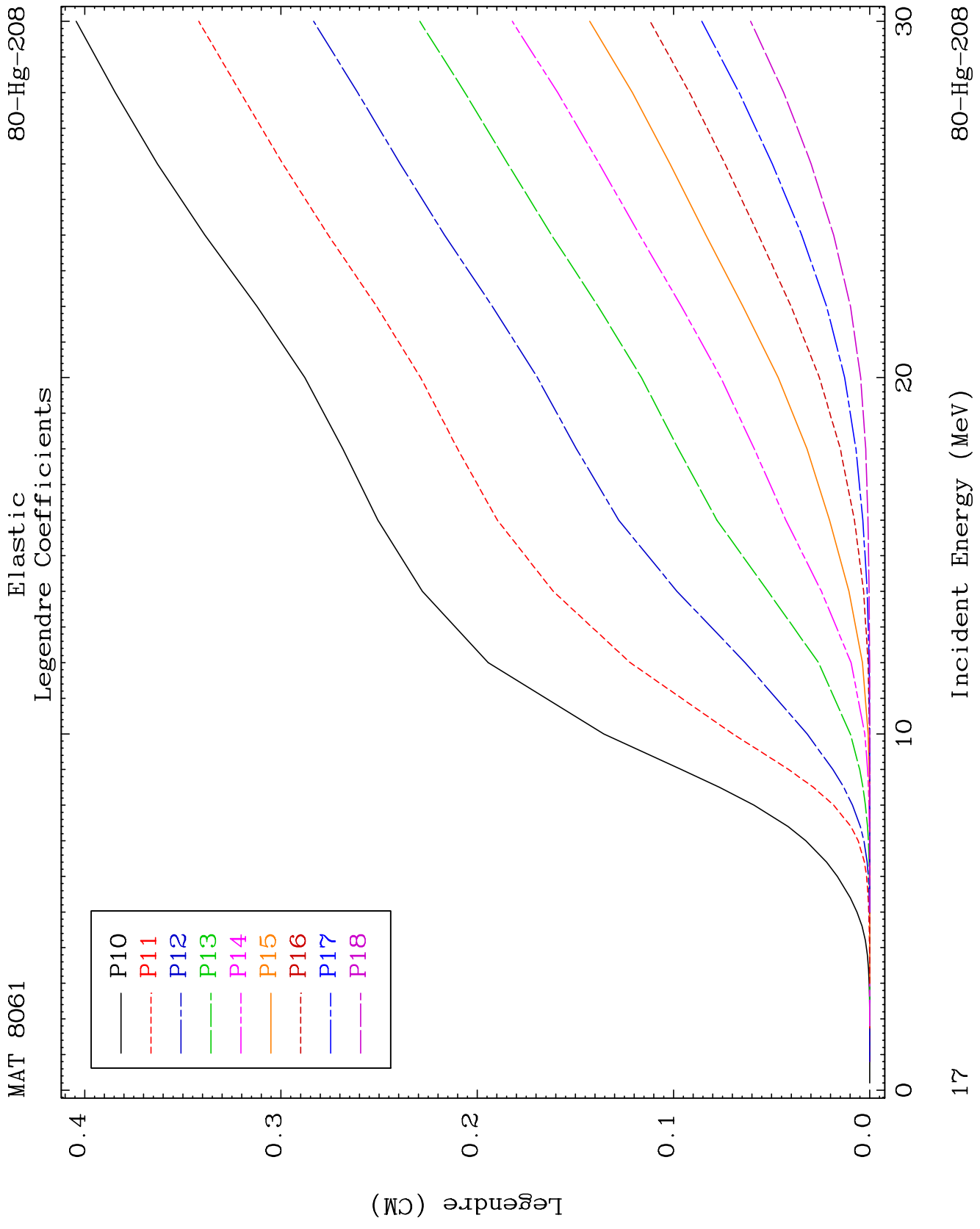
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-208





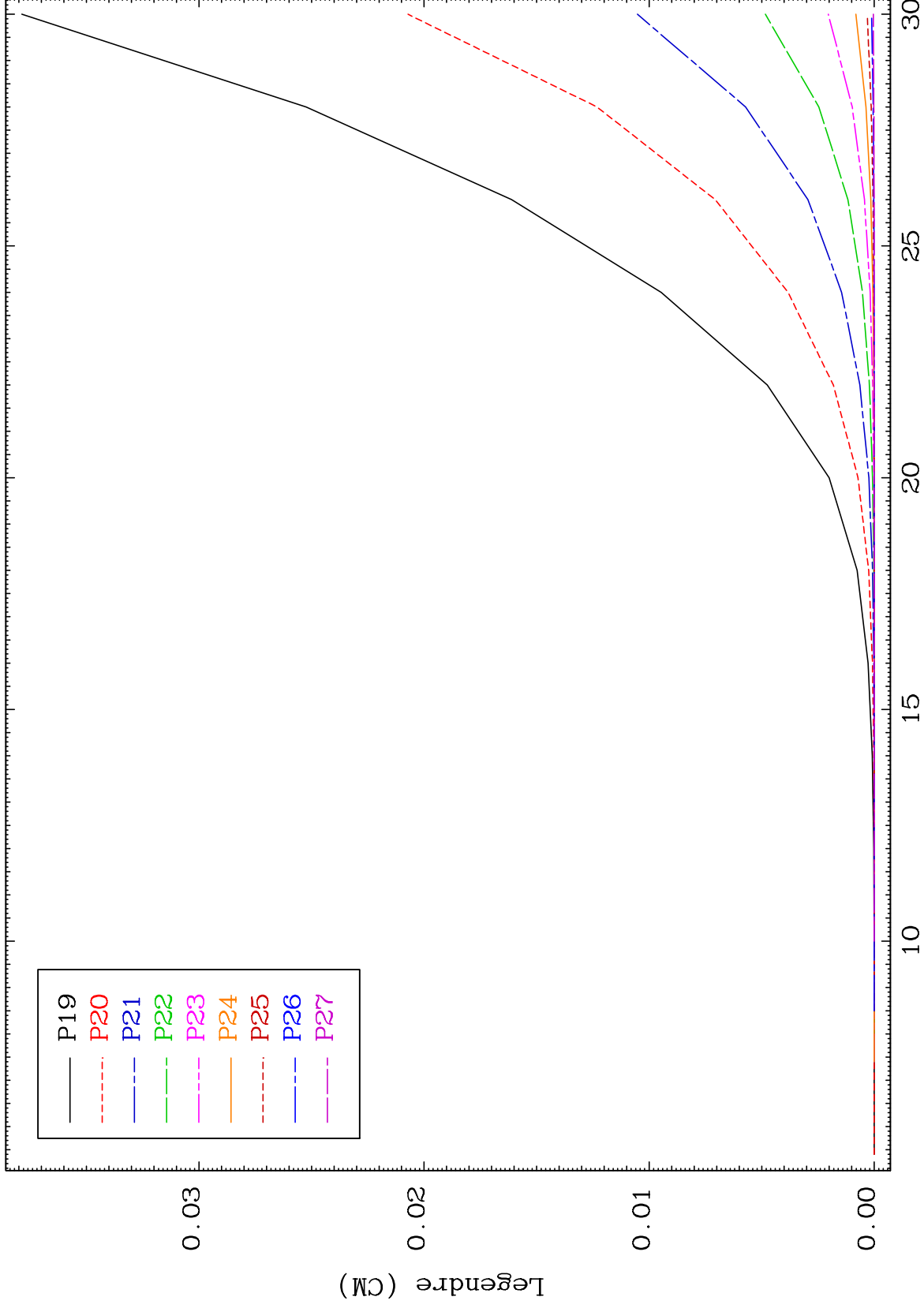




MAT 8061

Elastic Legendre Coefficients

80-Hg-208



18

Incident Energy (MeV)

80-Hg-208

30

25

20

15

10

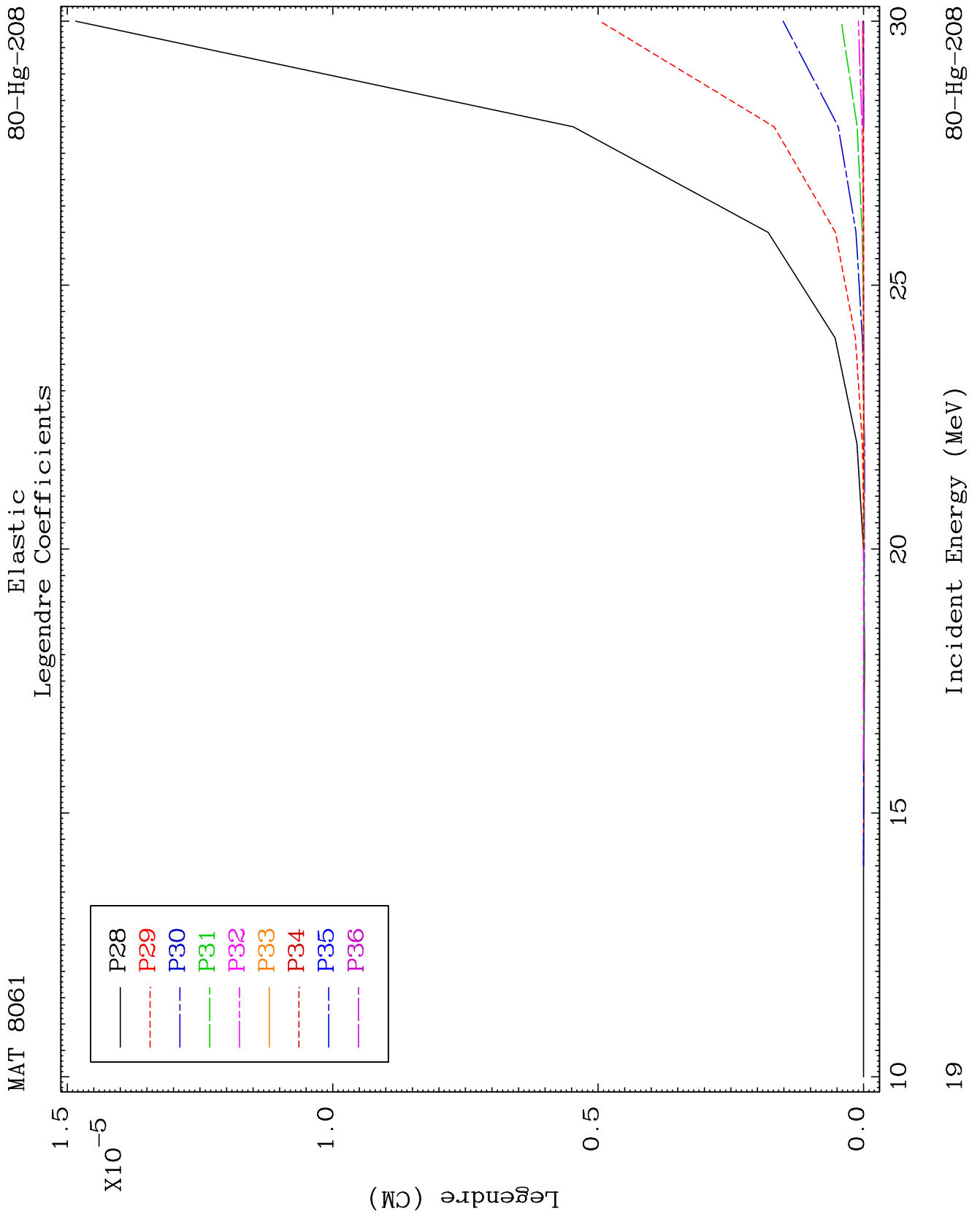
Legendre (CM)

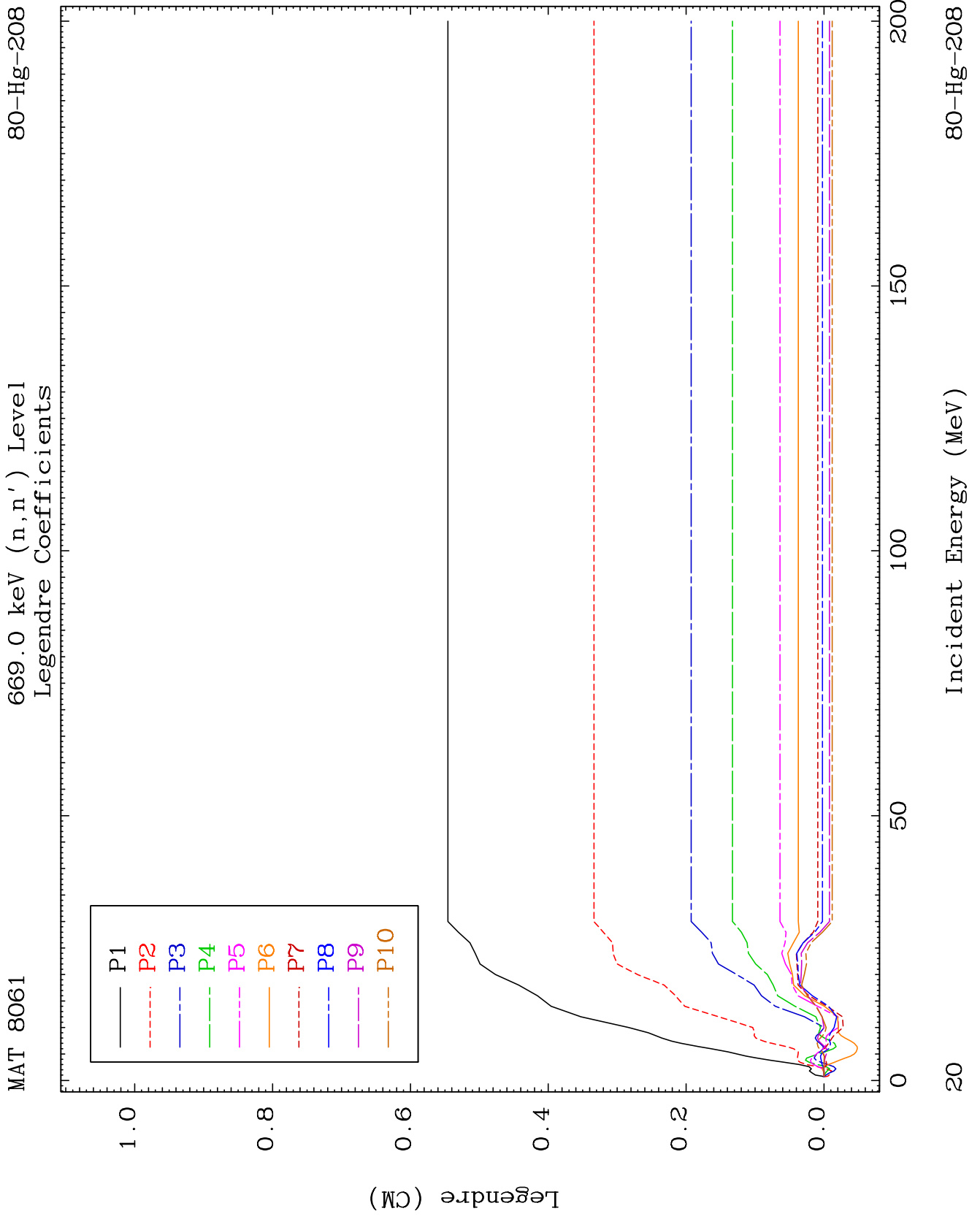
0.03

0.02

0.01

0.00

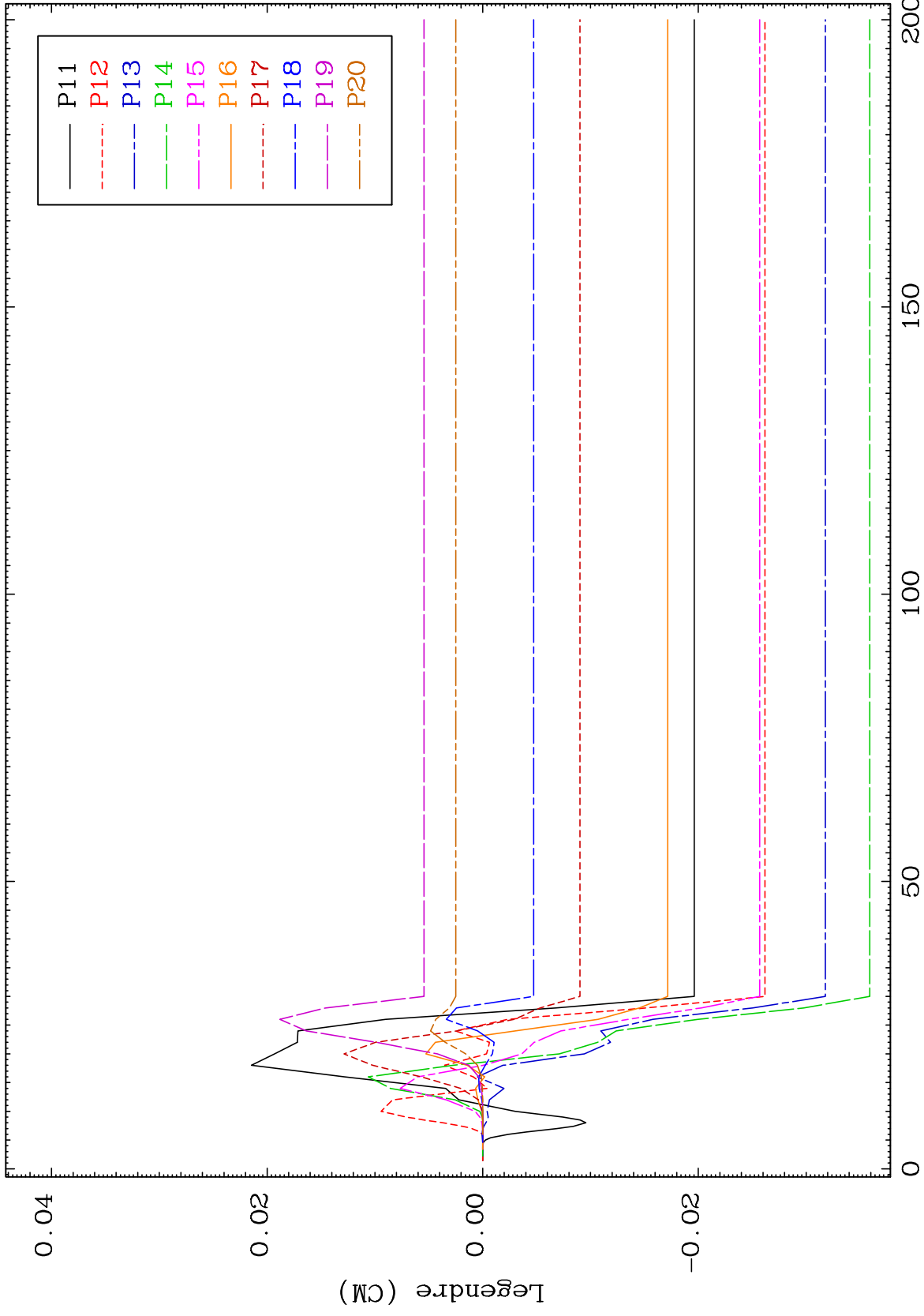




MAT 8061

669.0 keV (n,n') Level
Legendre Coefficients

80-Hg-208



21

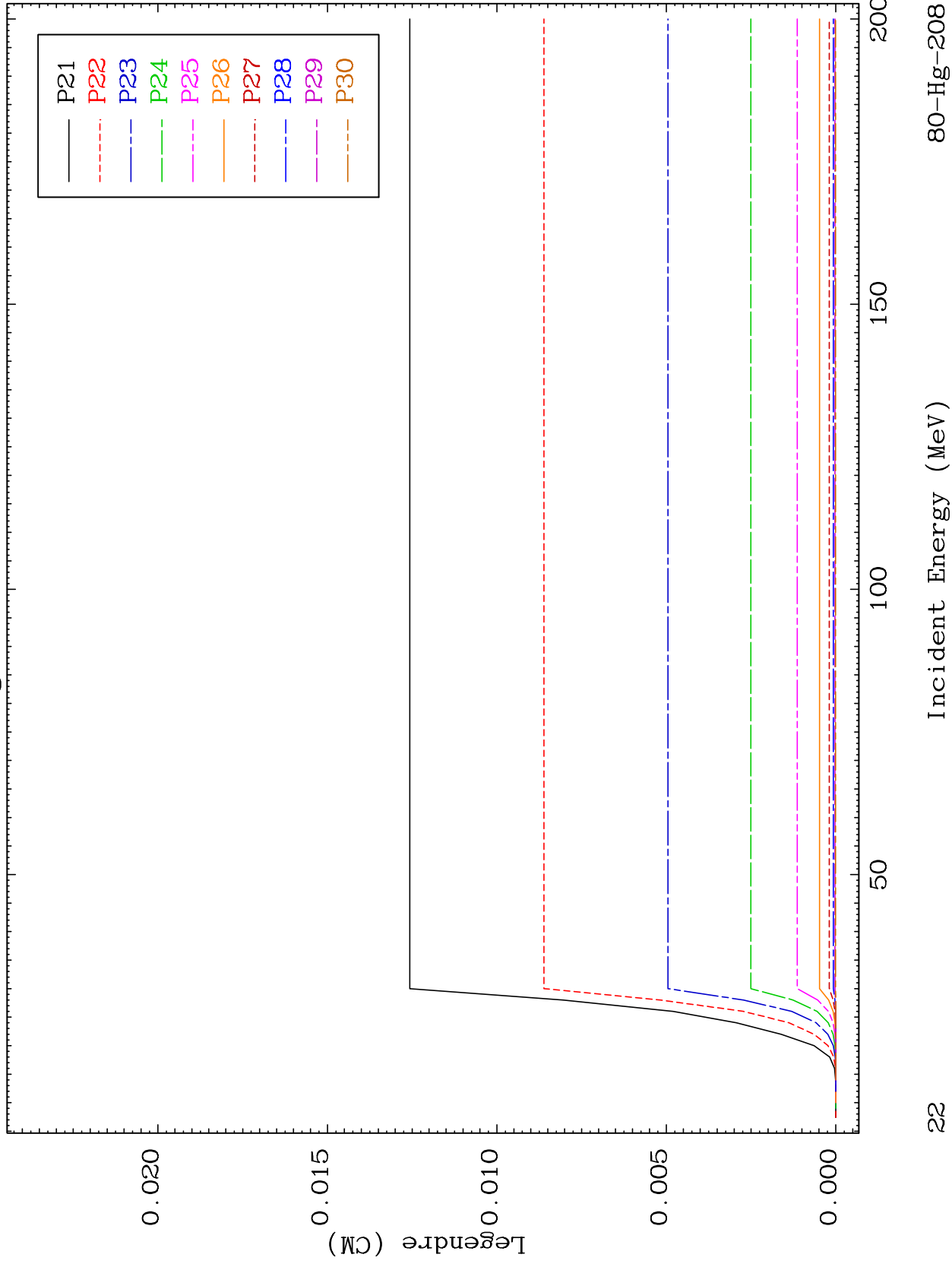
Incident Energy (MeV)

80-Hg-208

MAT 8061

669.0 keV (n,n') Level
Legendre Coefficients

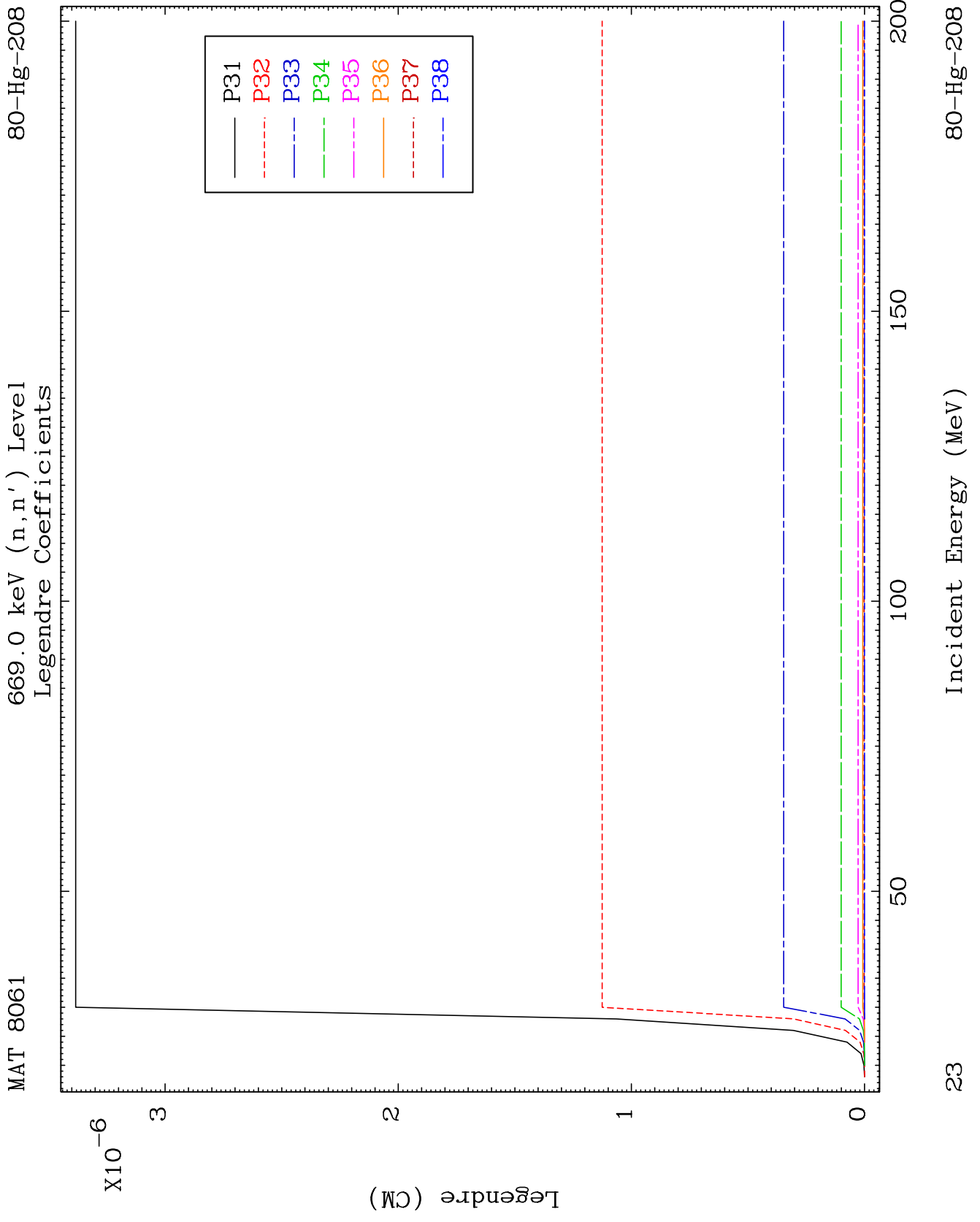
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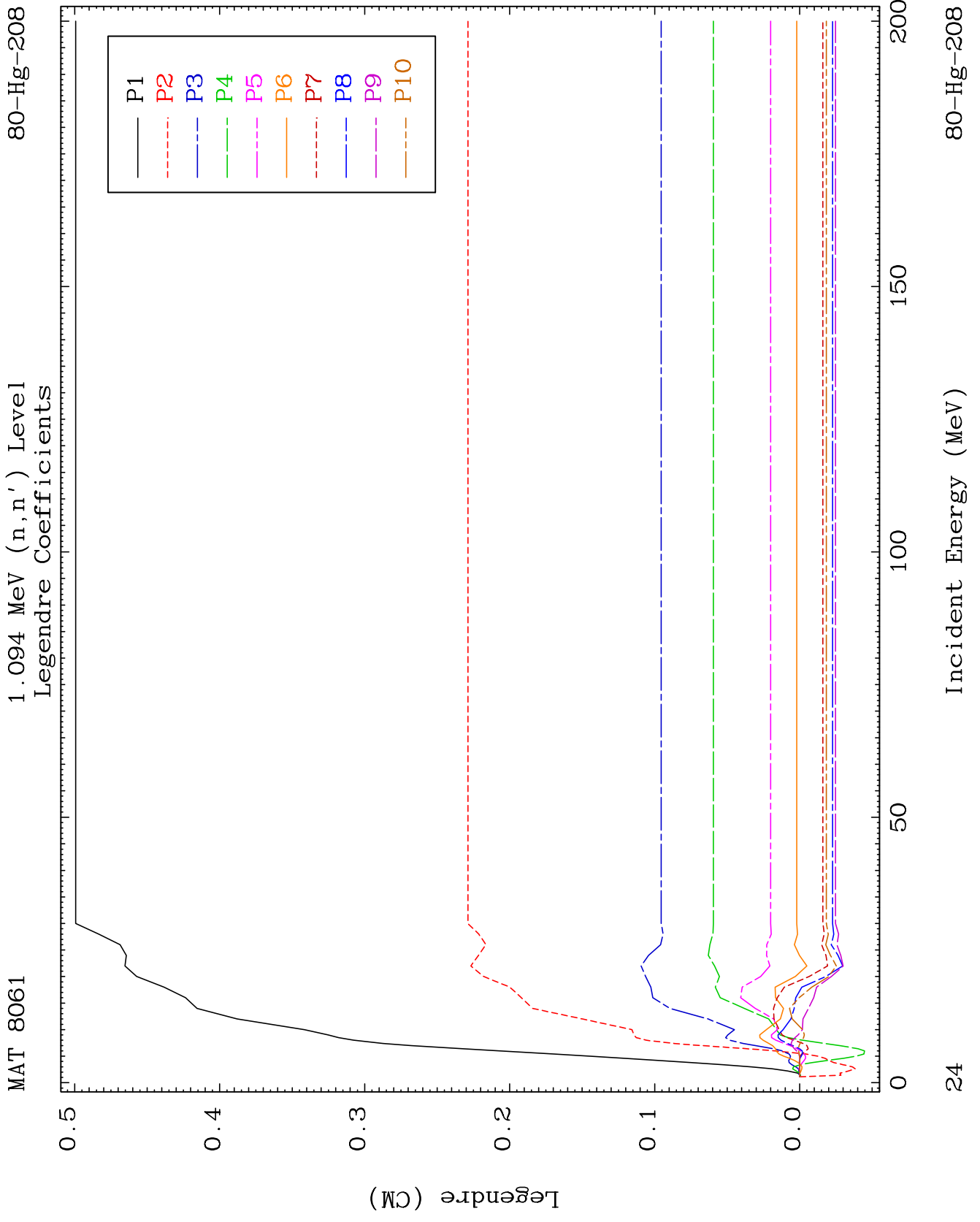


22

Incident Energy (MeV)

80-Hg-208

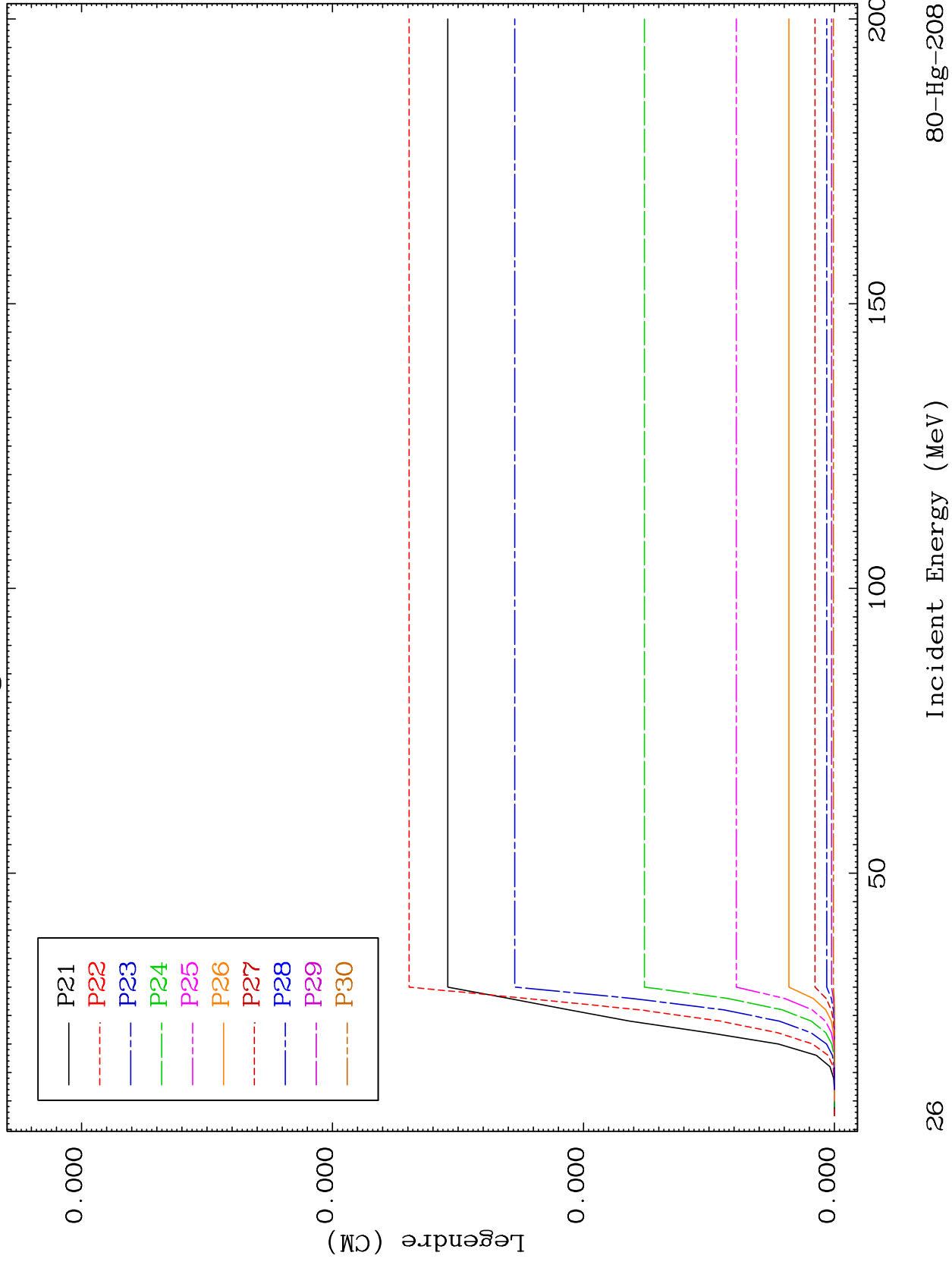




MAT 8061

1.094 MeV (n,n') Level
Legendre Coefficients

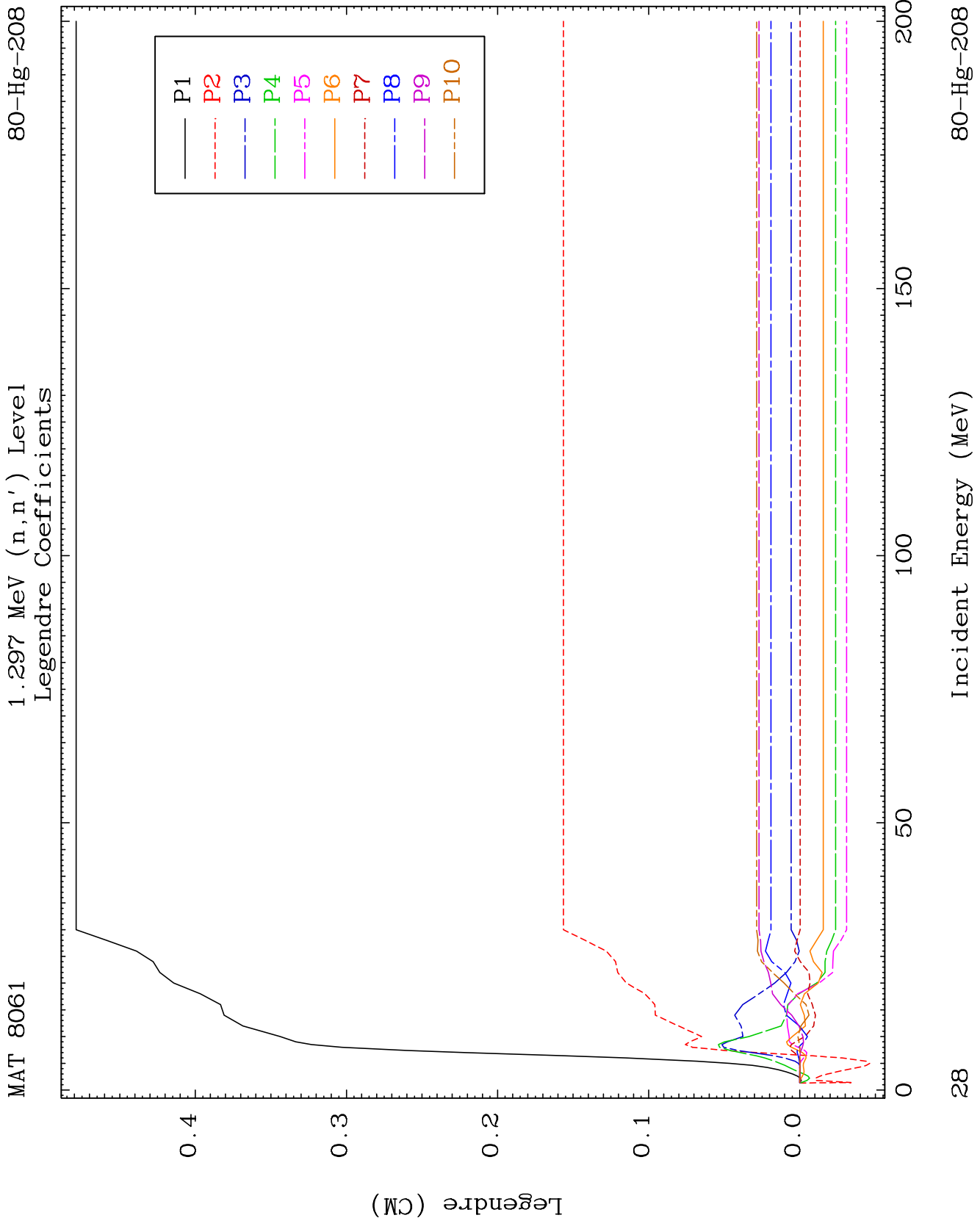
80-Hg-208

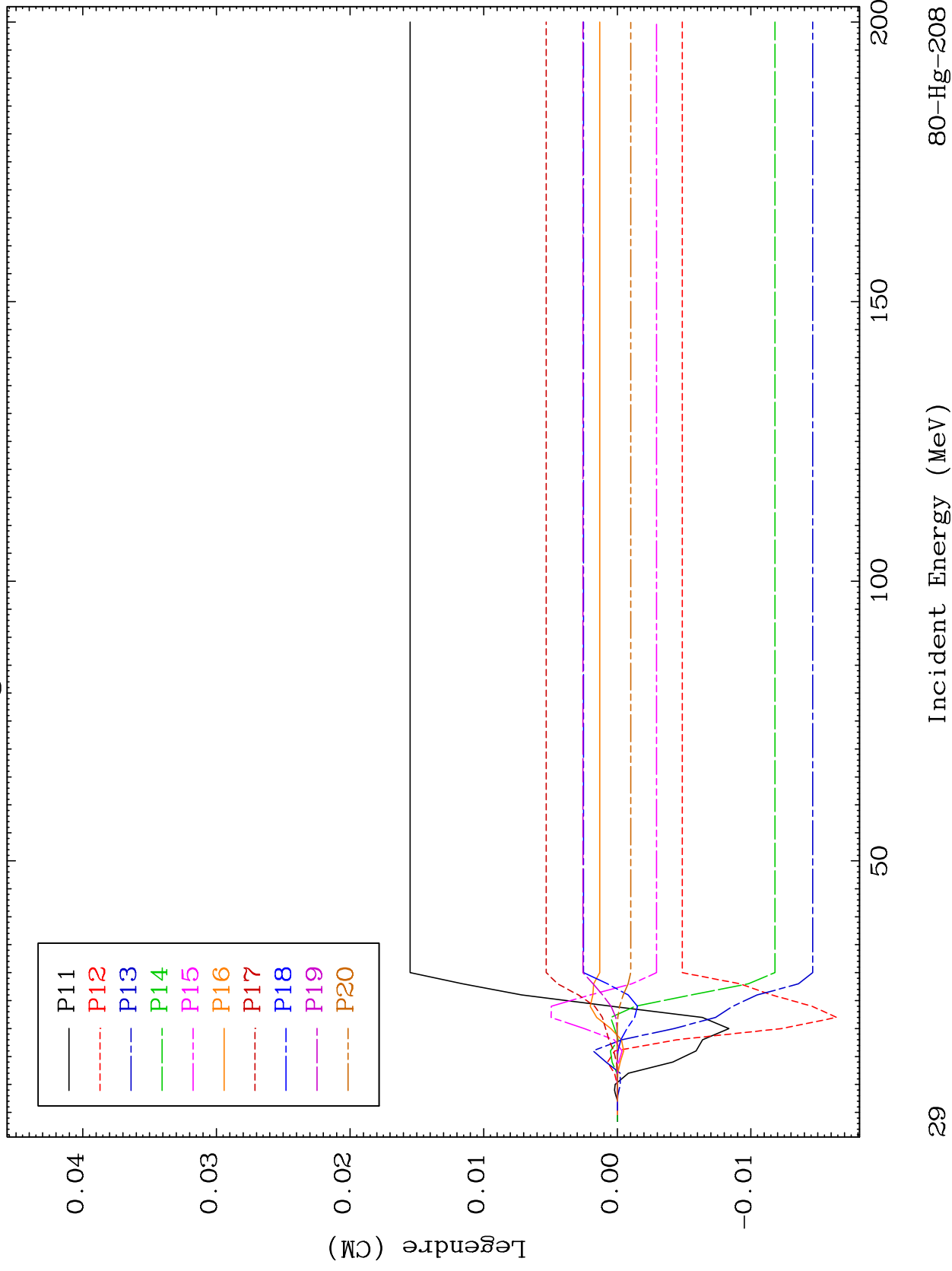


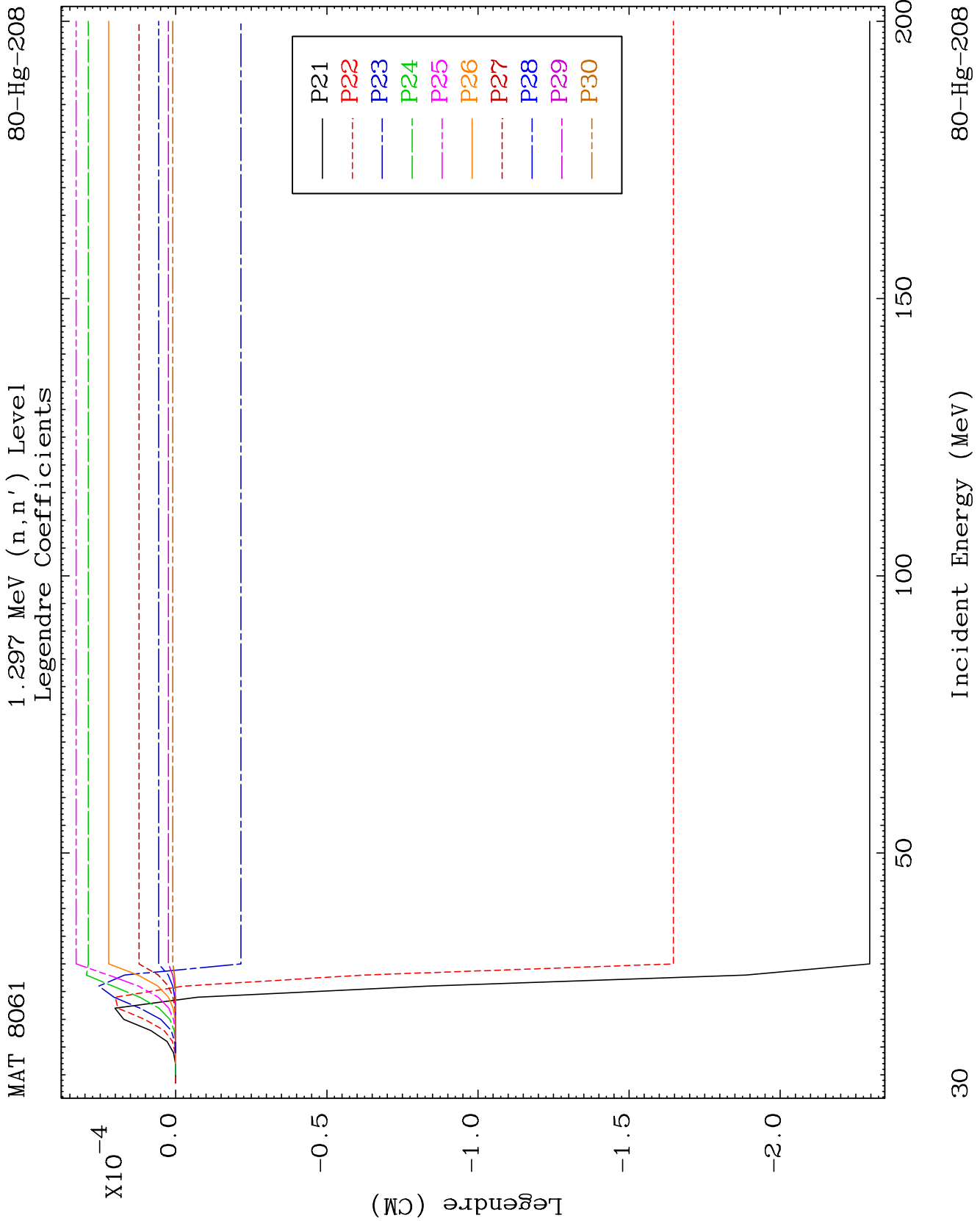
26

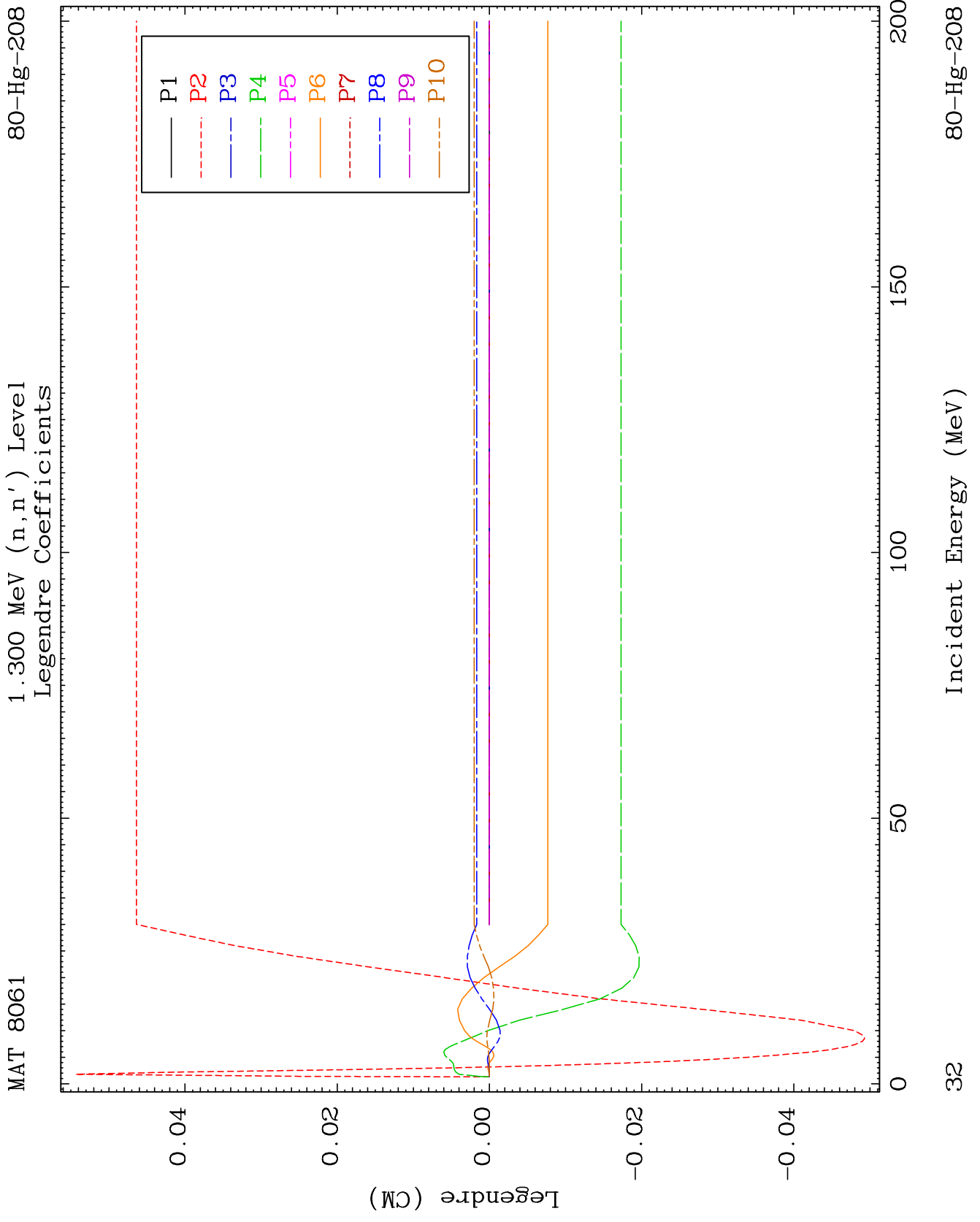
Incident Energy (MeV)

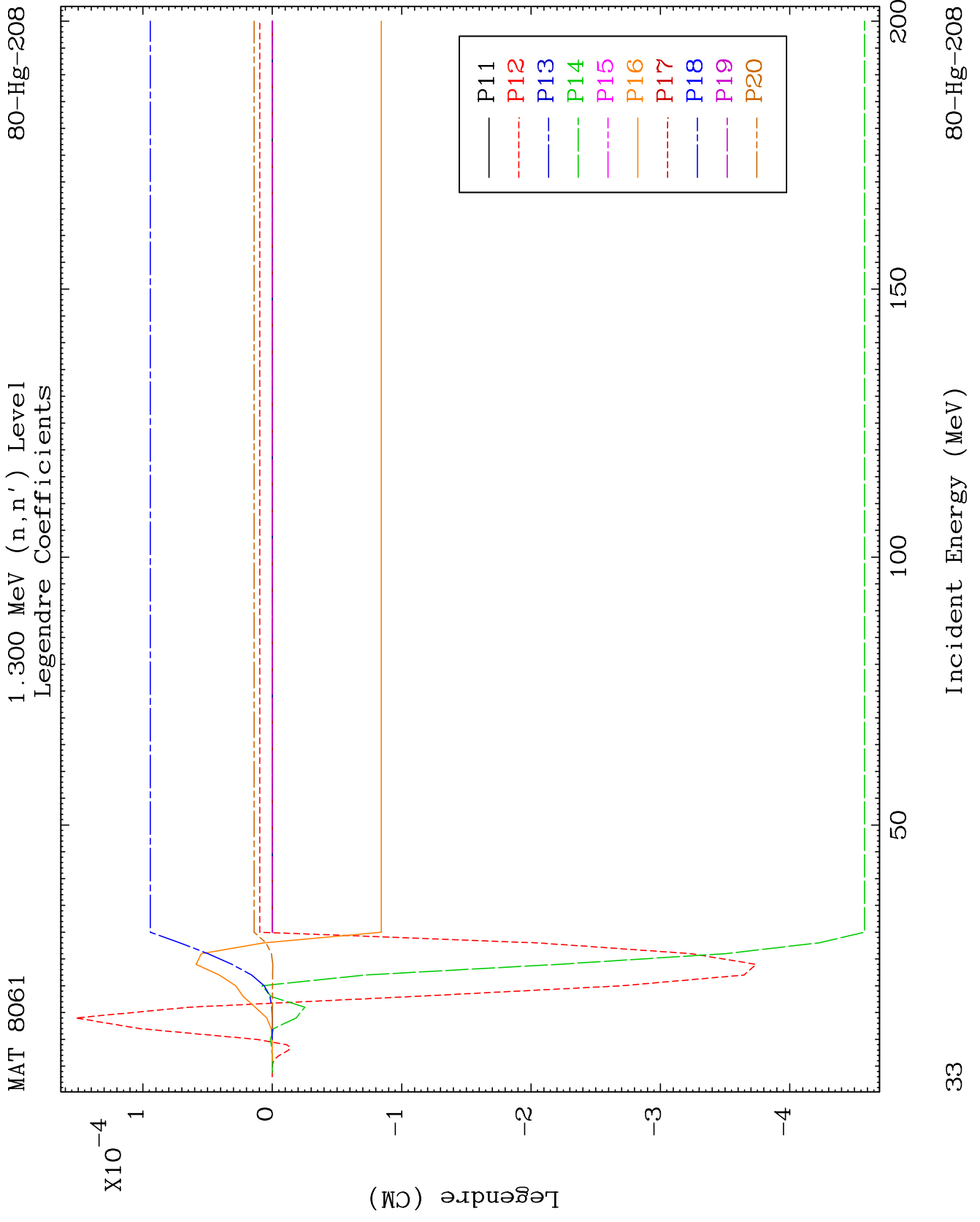
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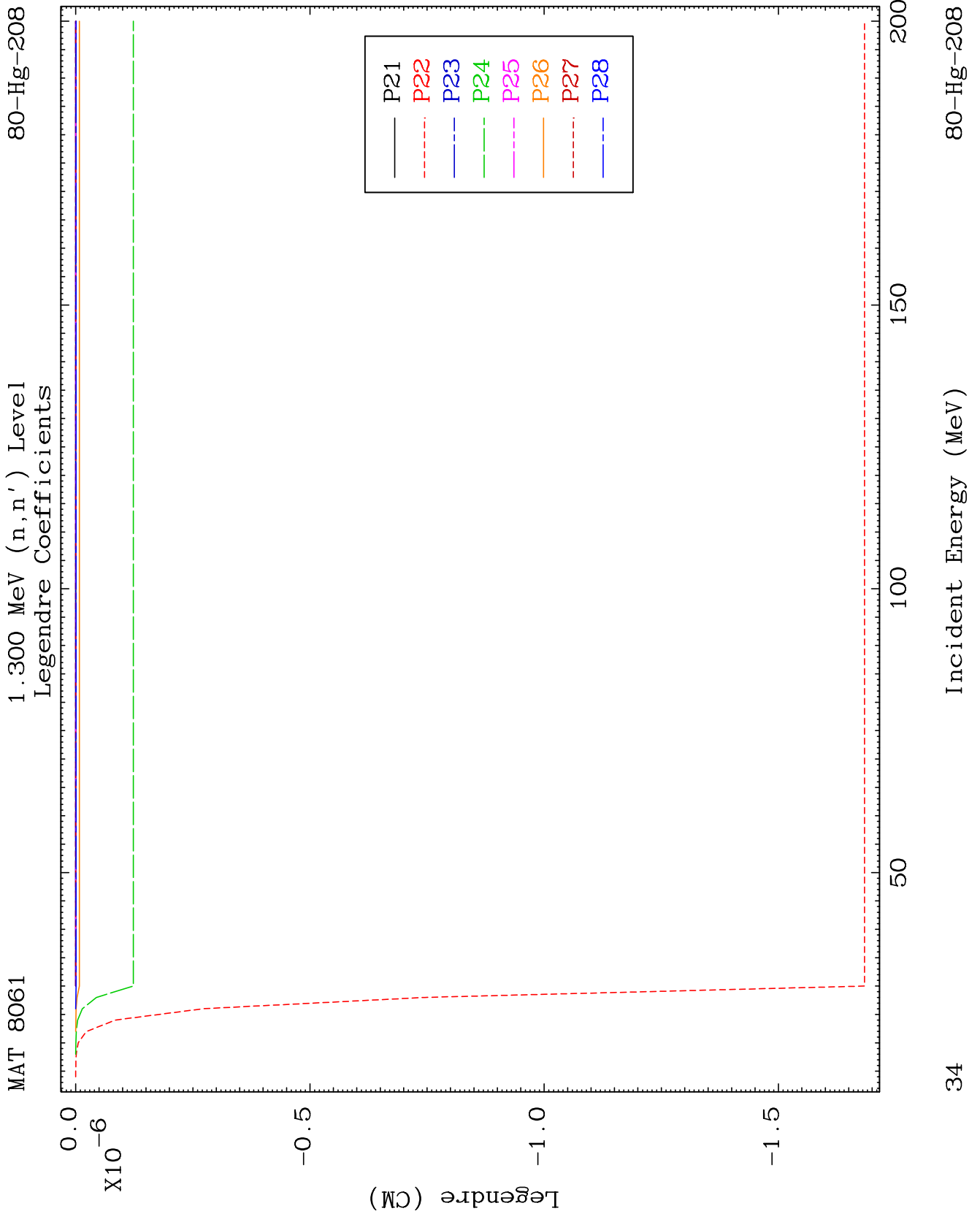


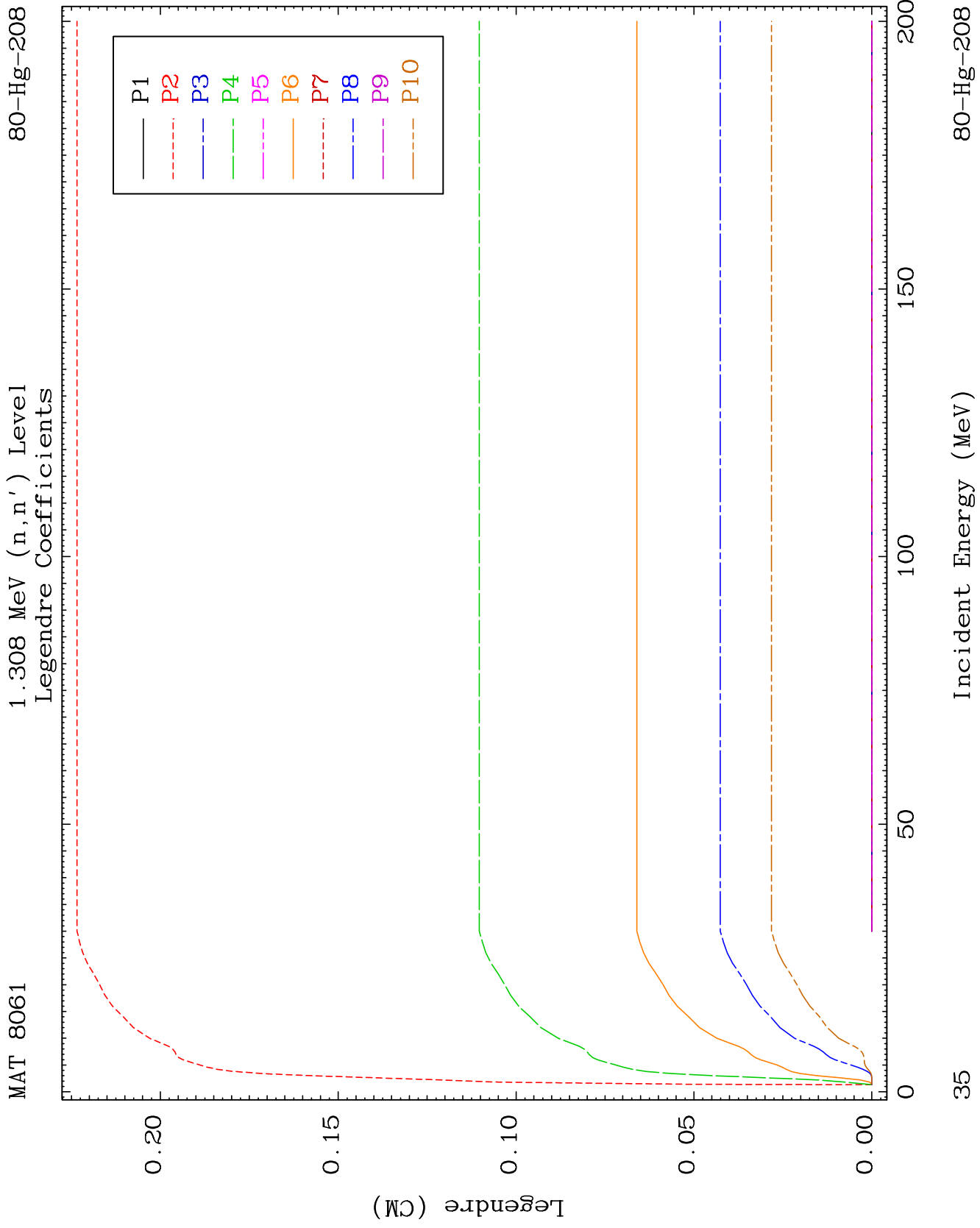


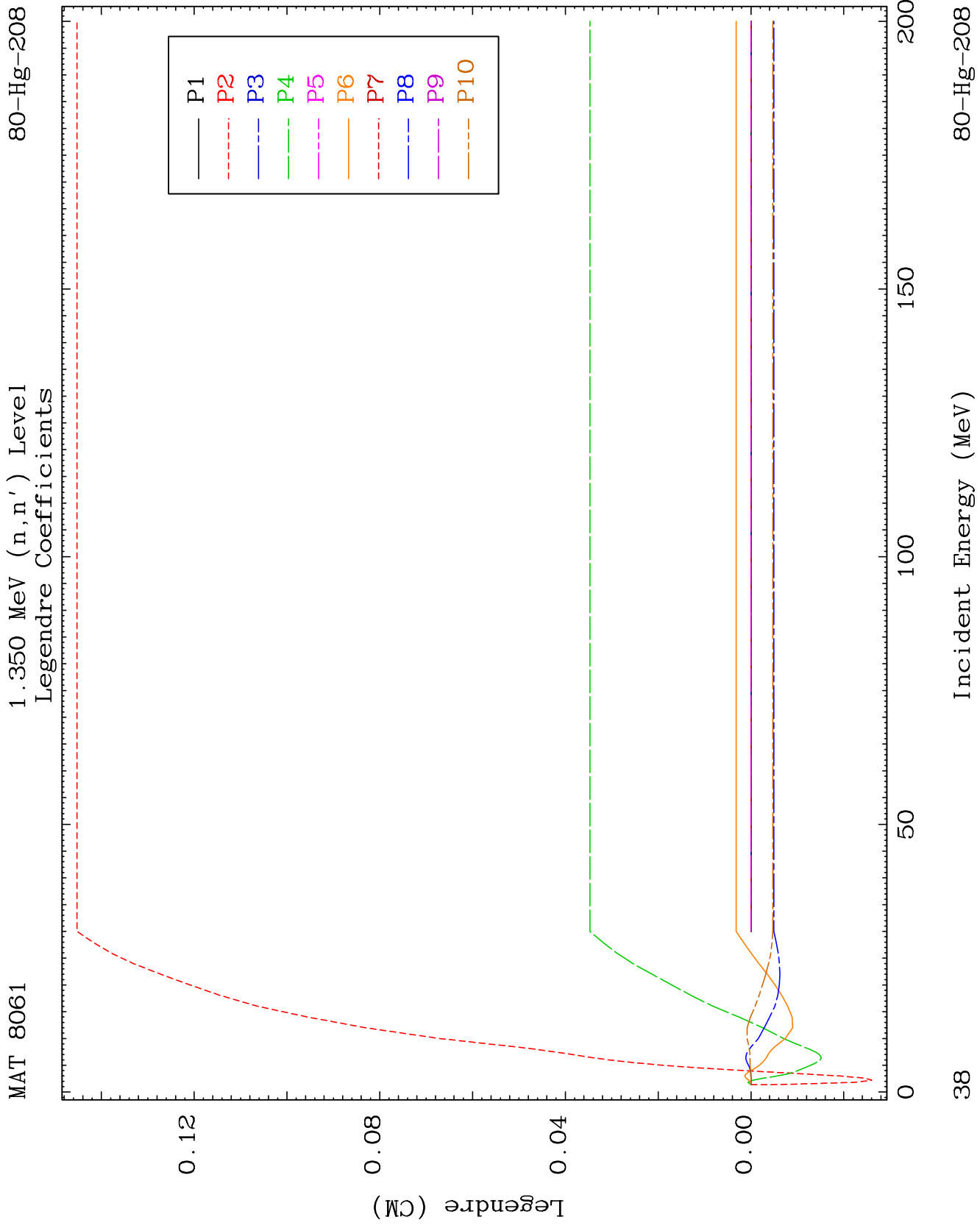


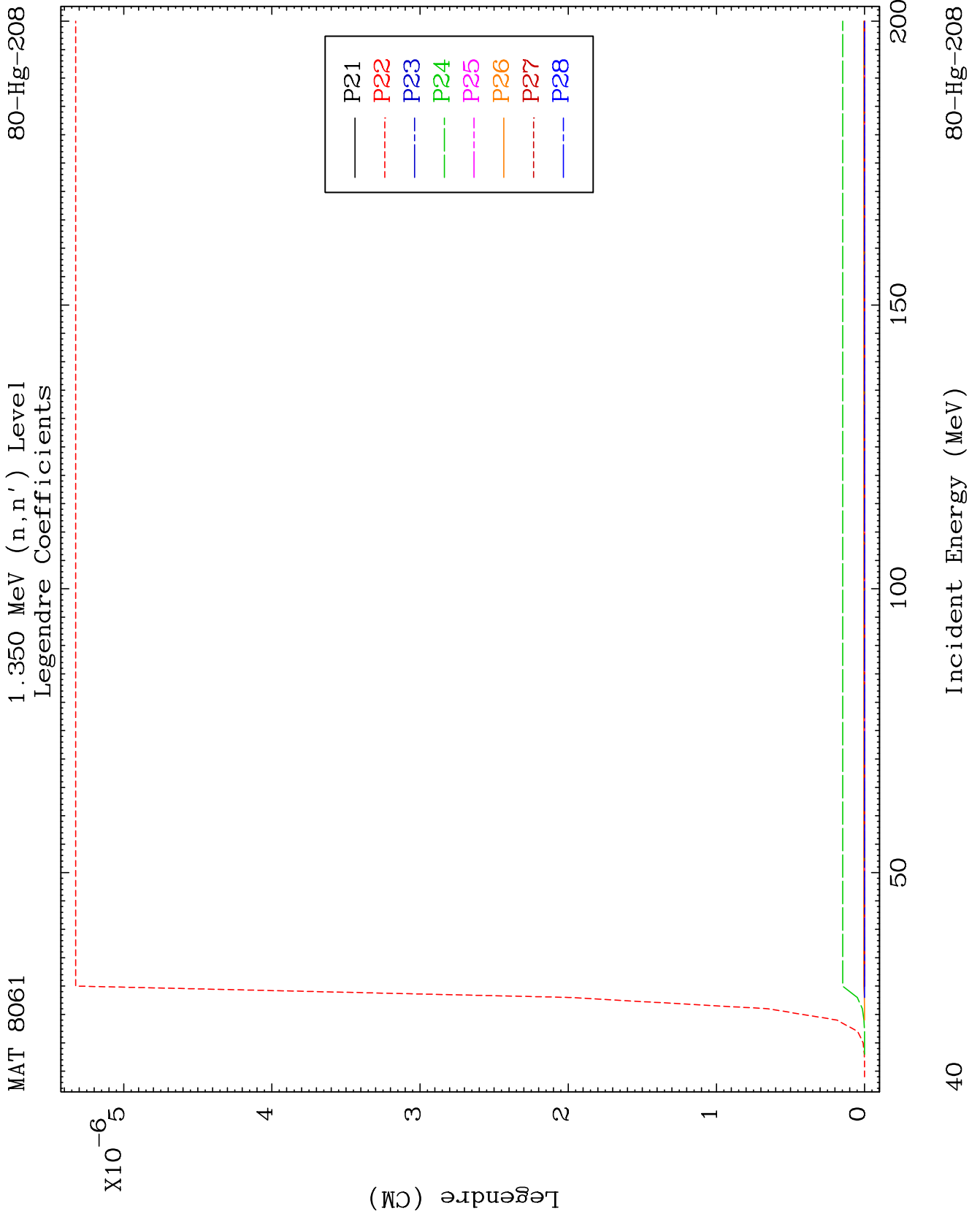


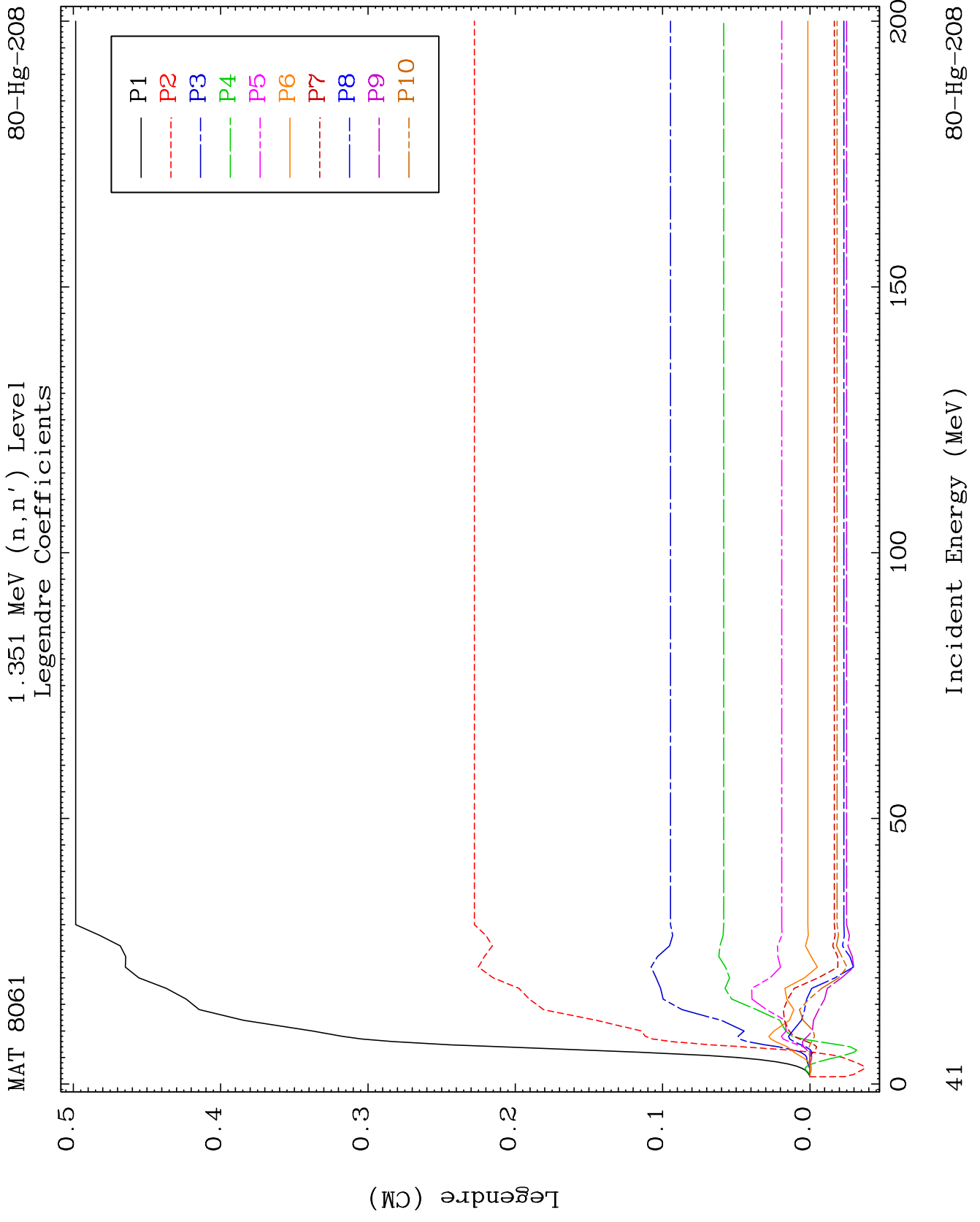








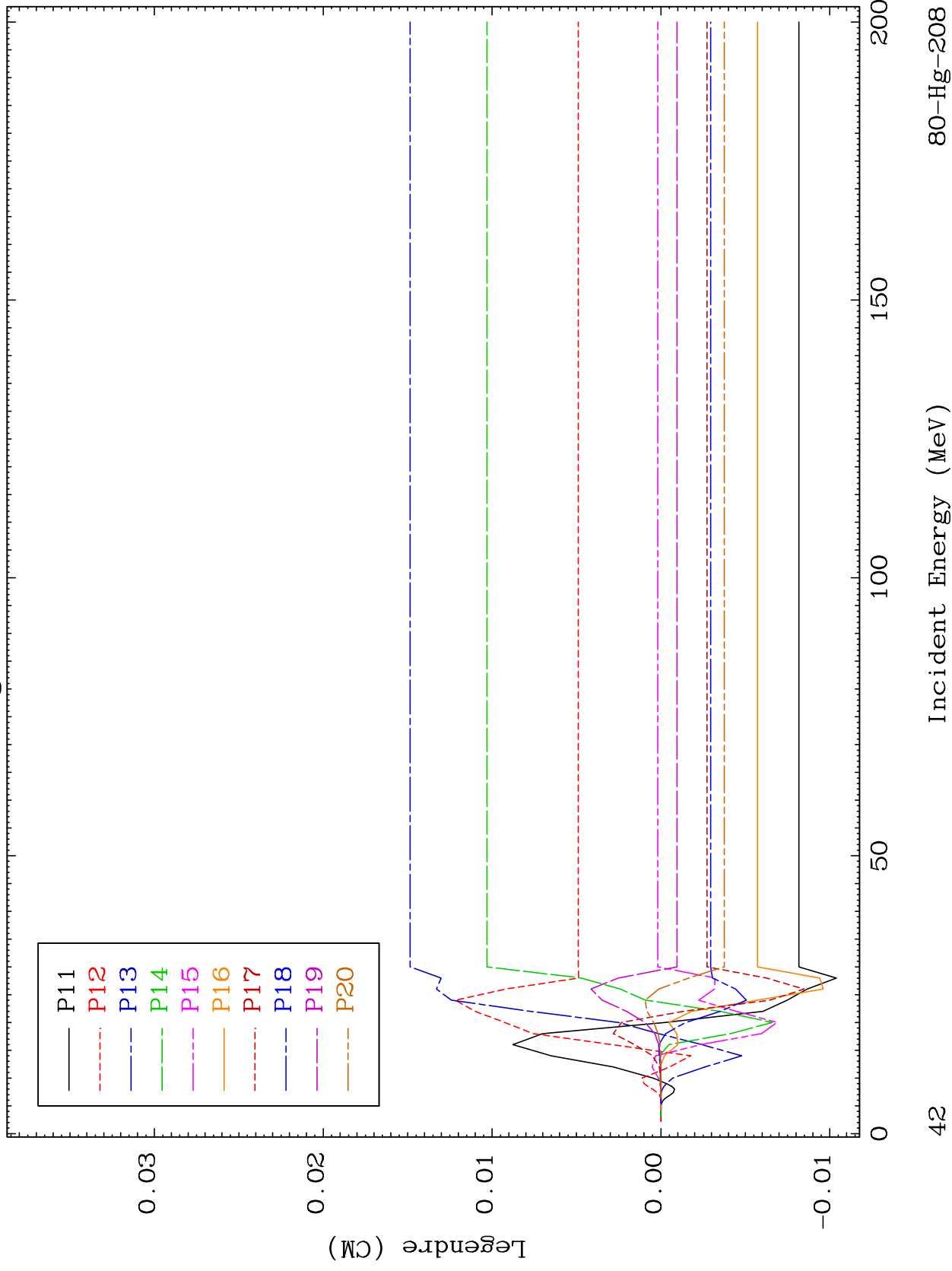




MAT 8061

1.351 MeV (n,n') Level
Legendre Coefficients

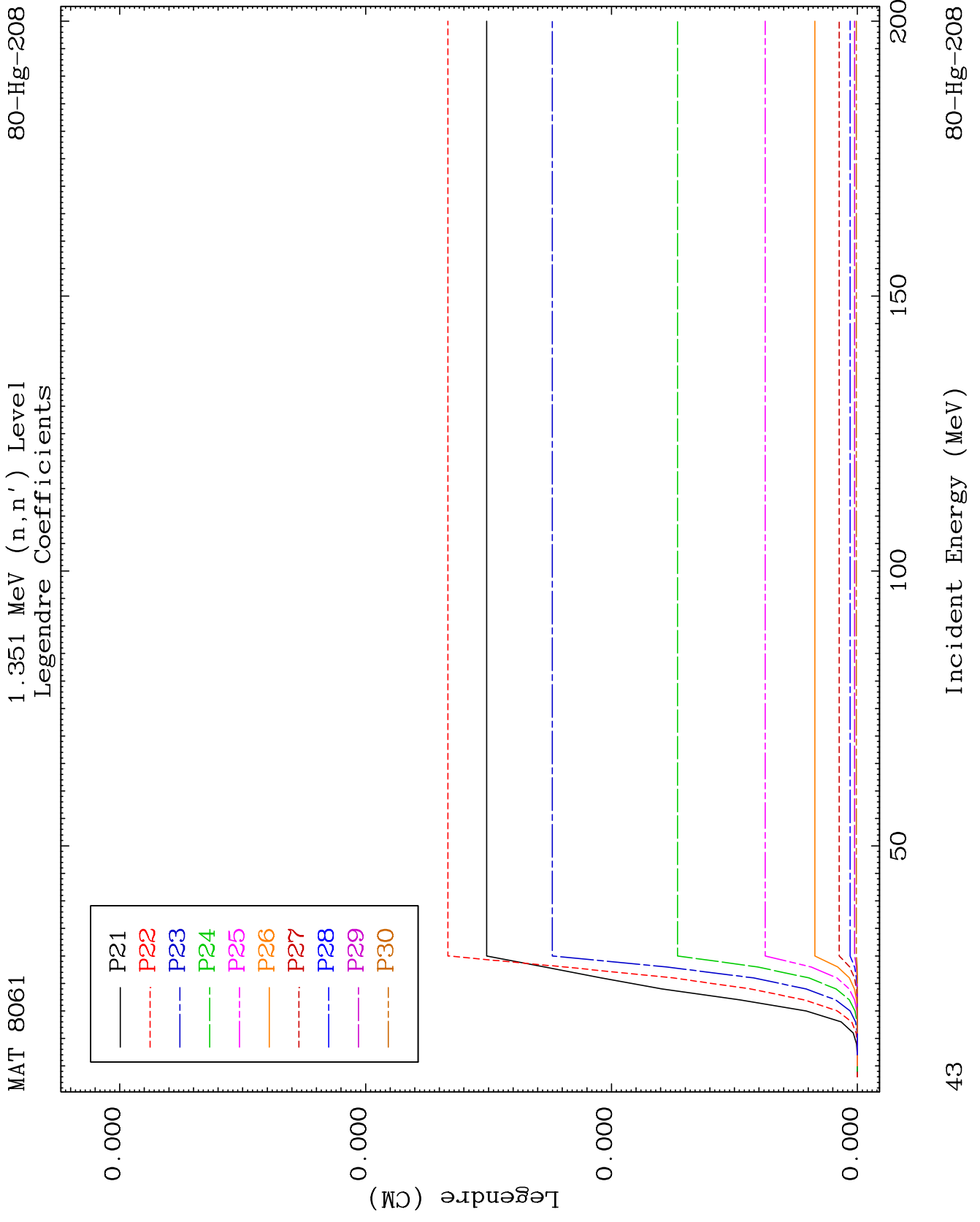
80-Hg-208

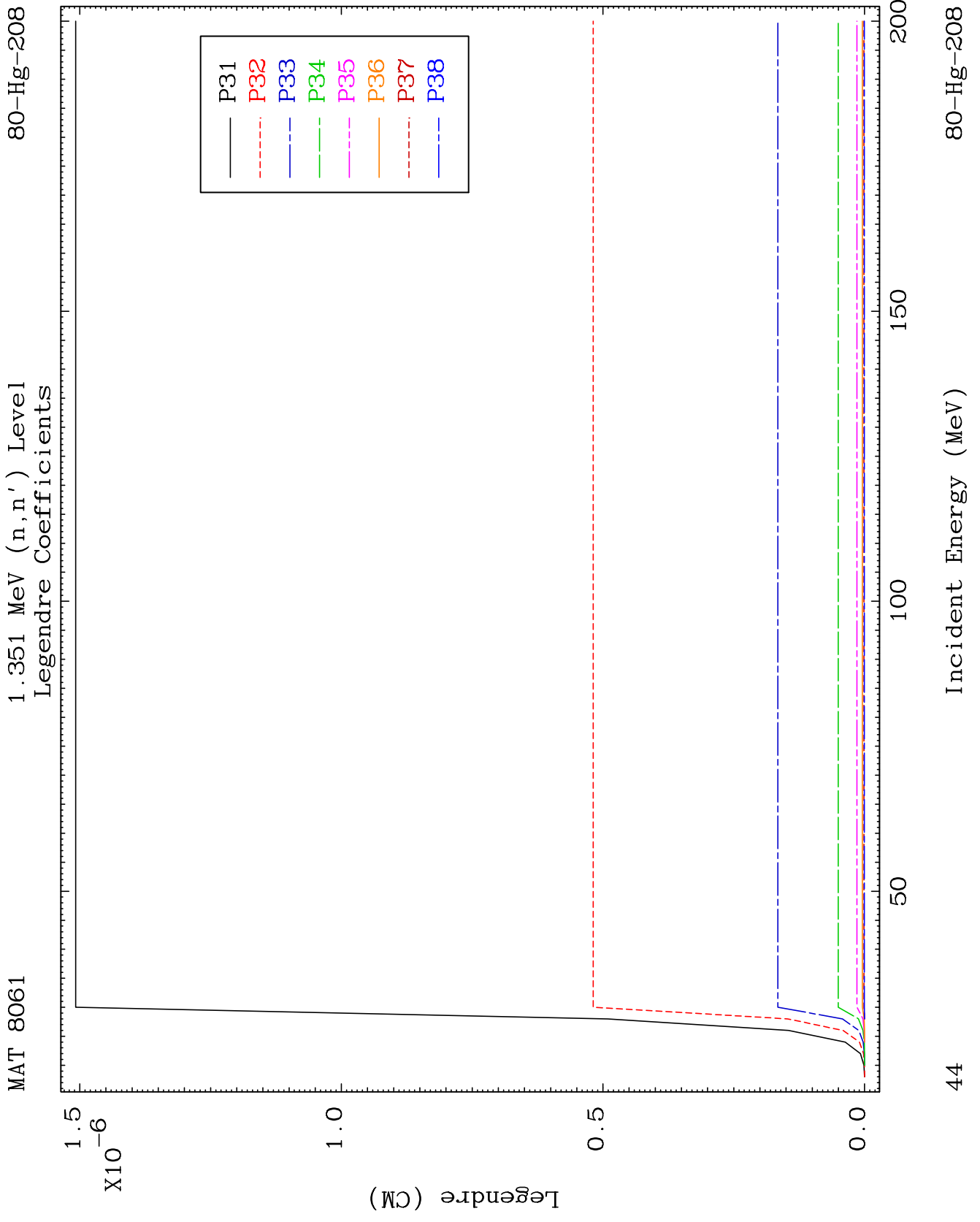


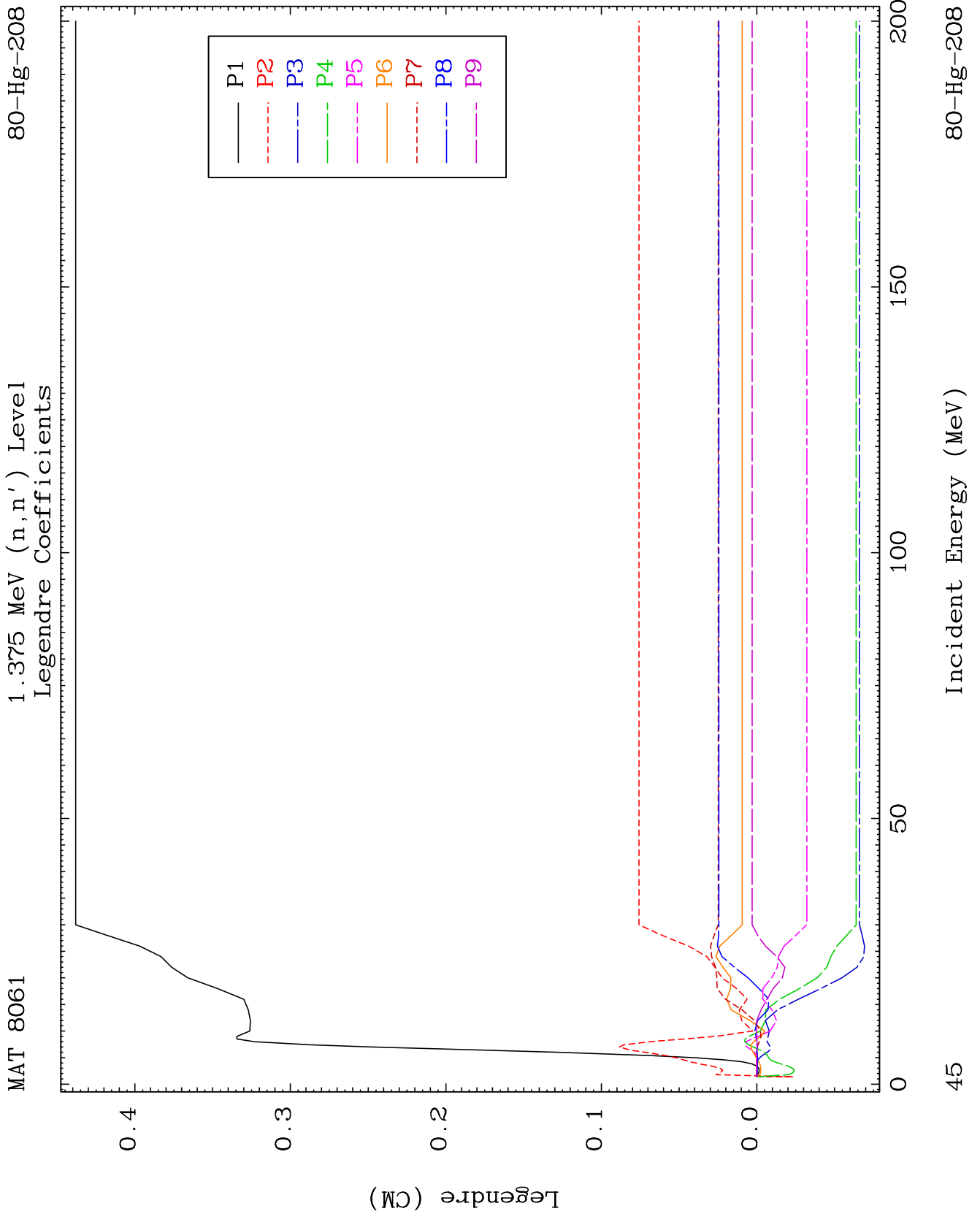
42

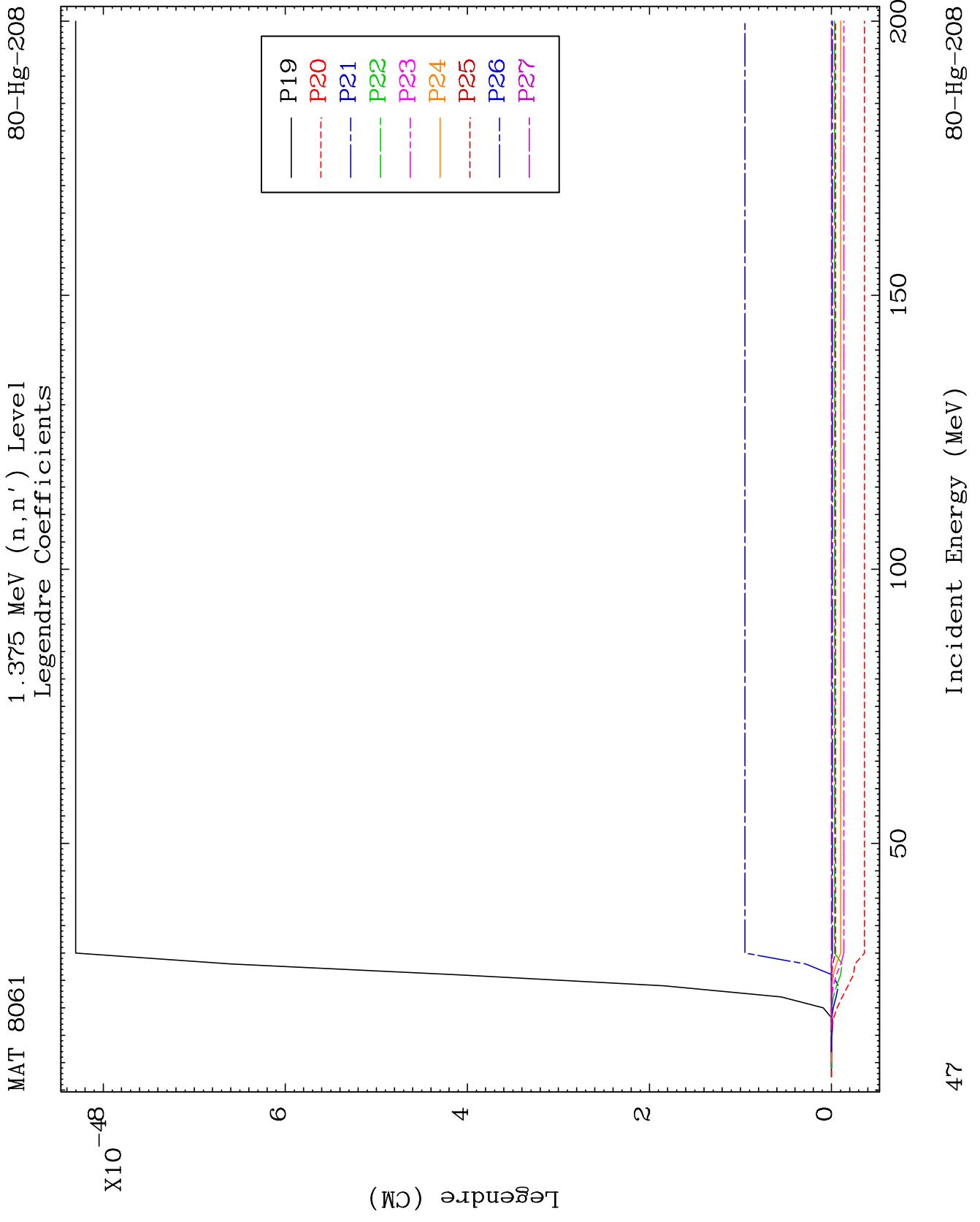
Incident Energy (MeV)

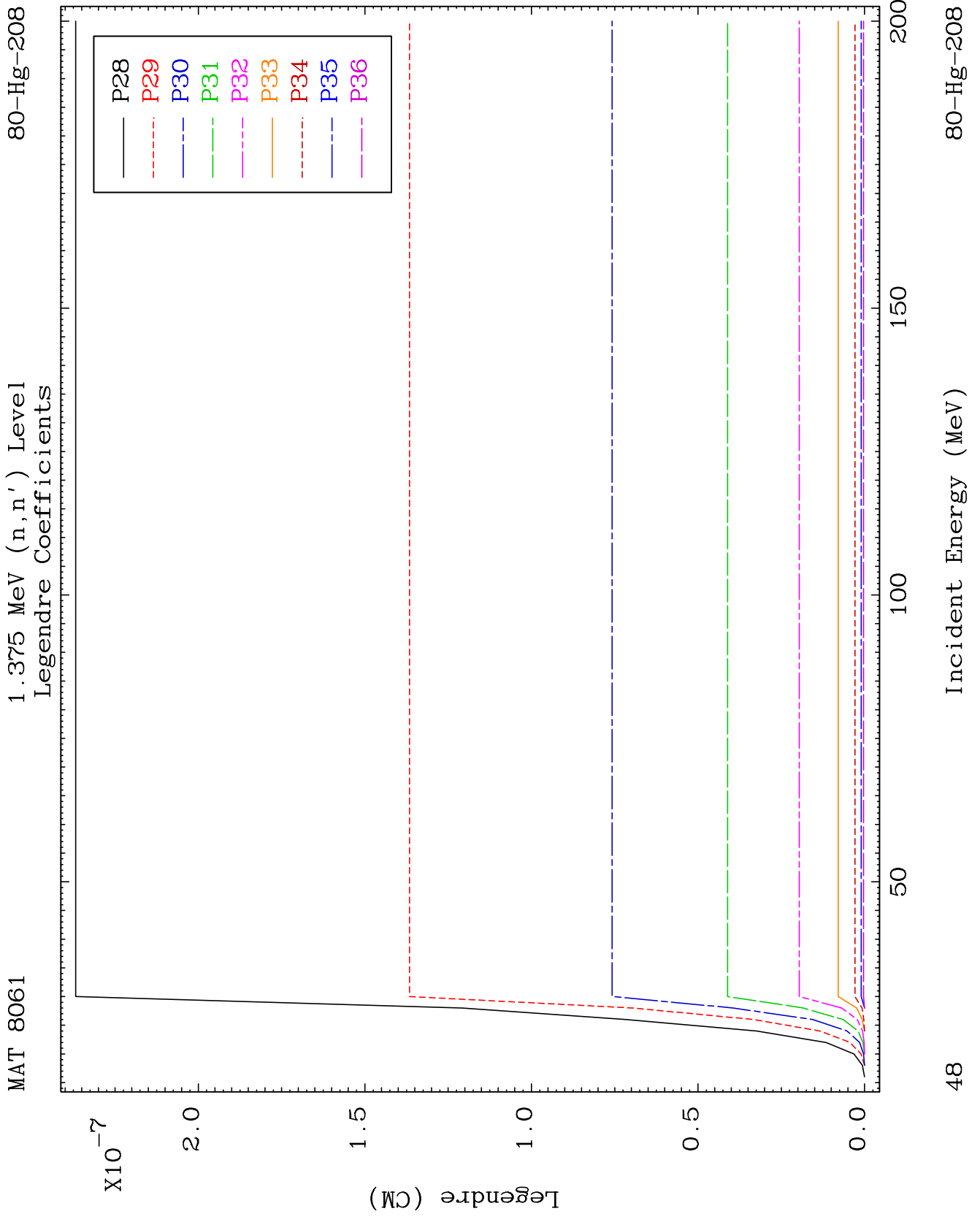
80-Hg-208

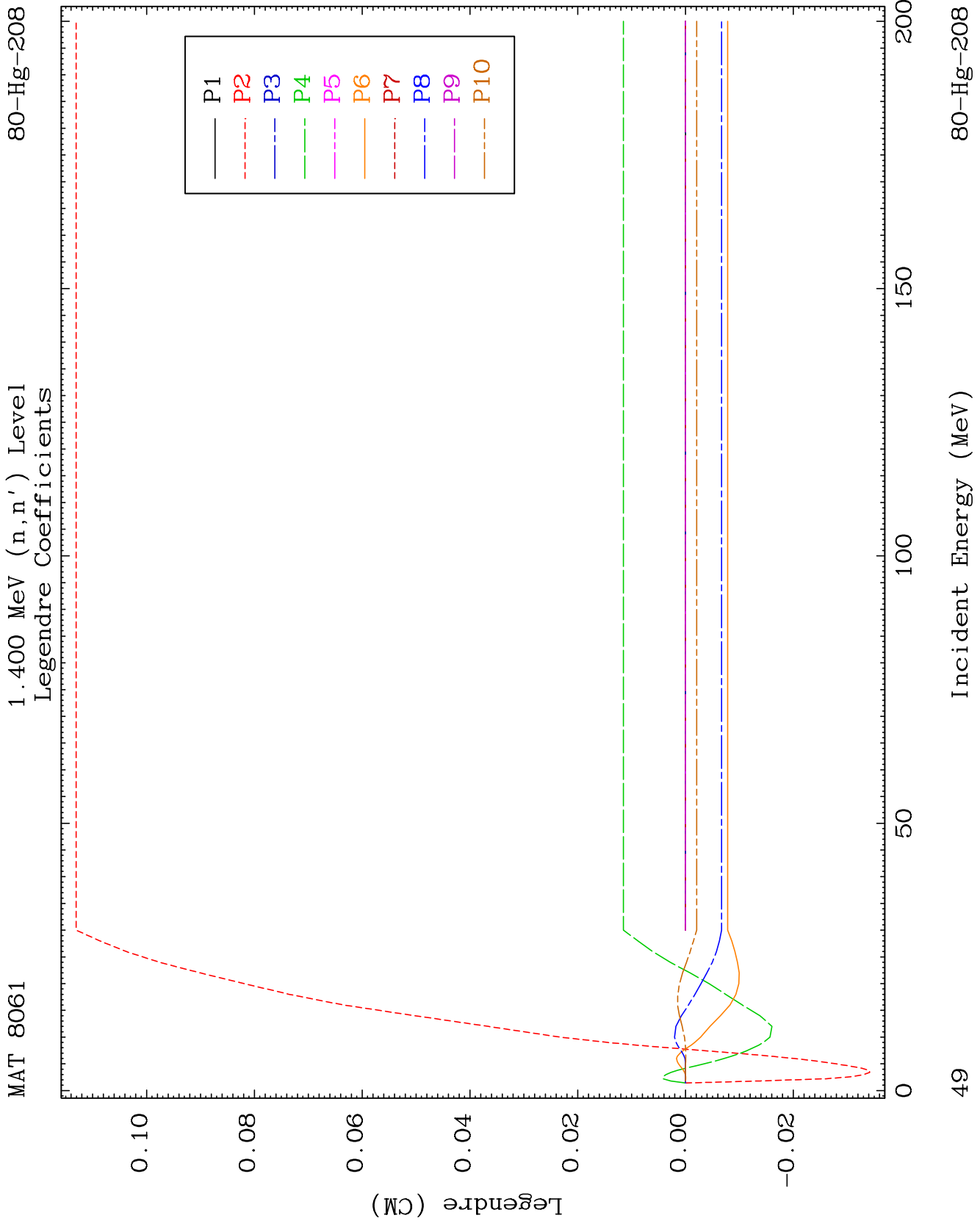


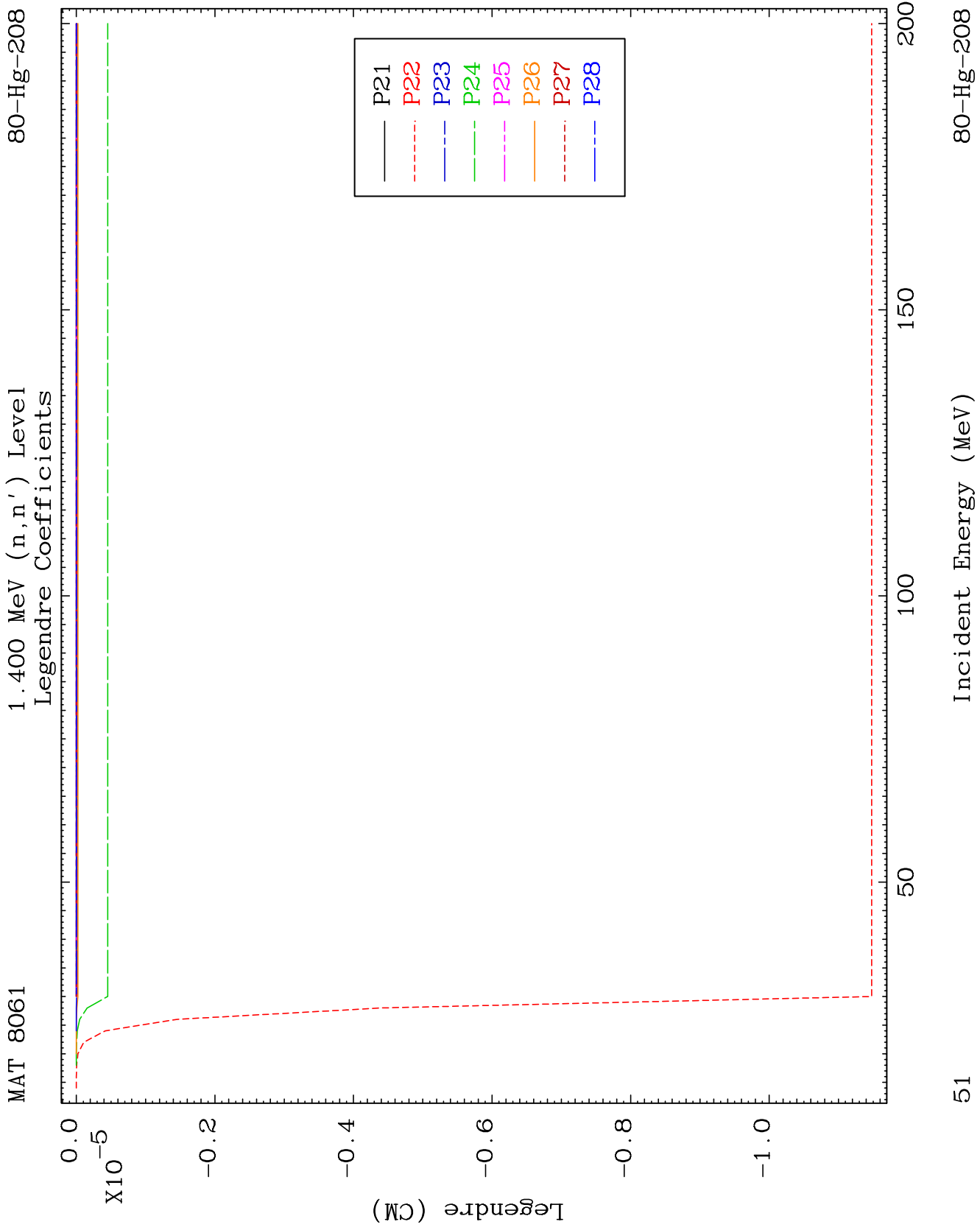


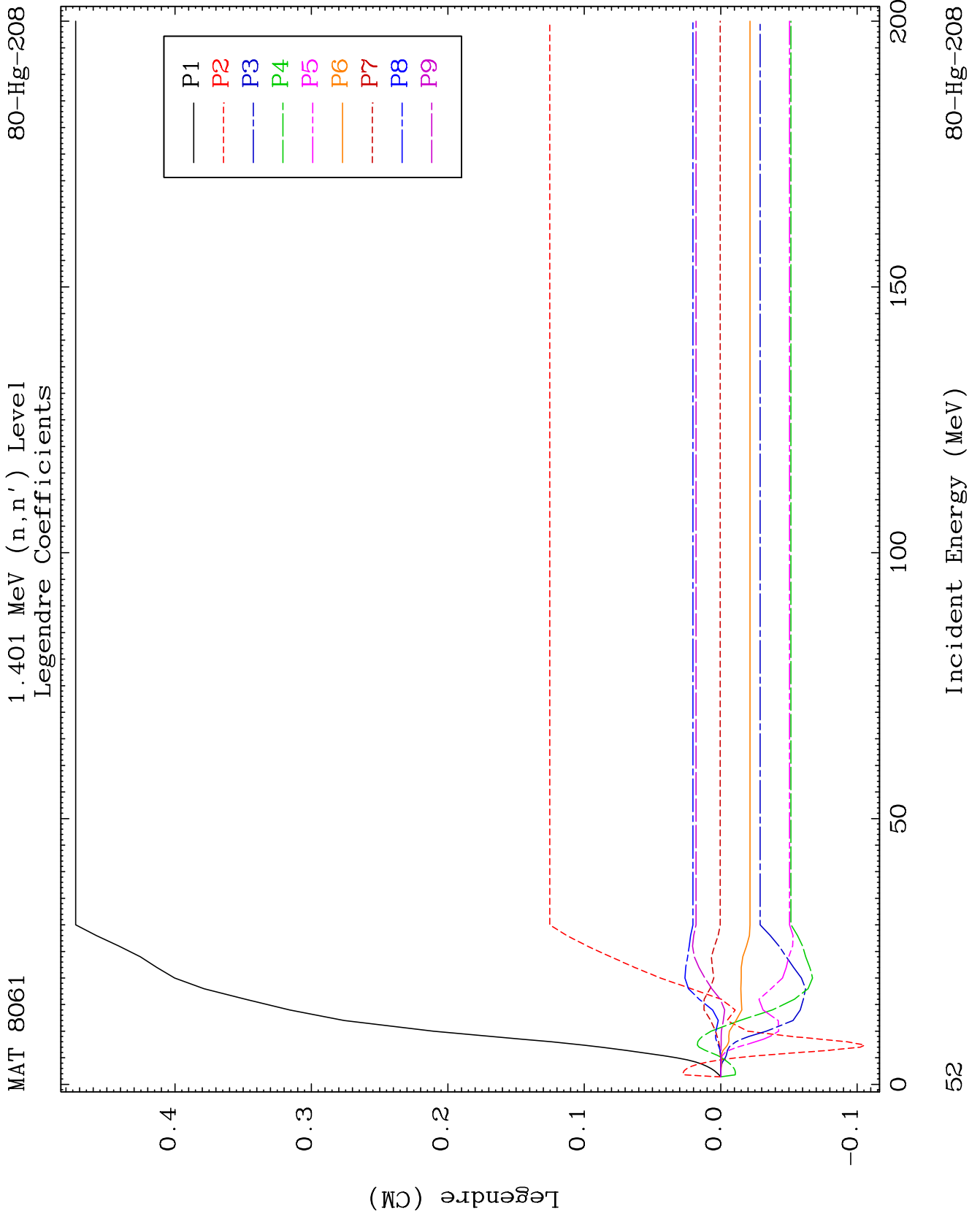








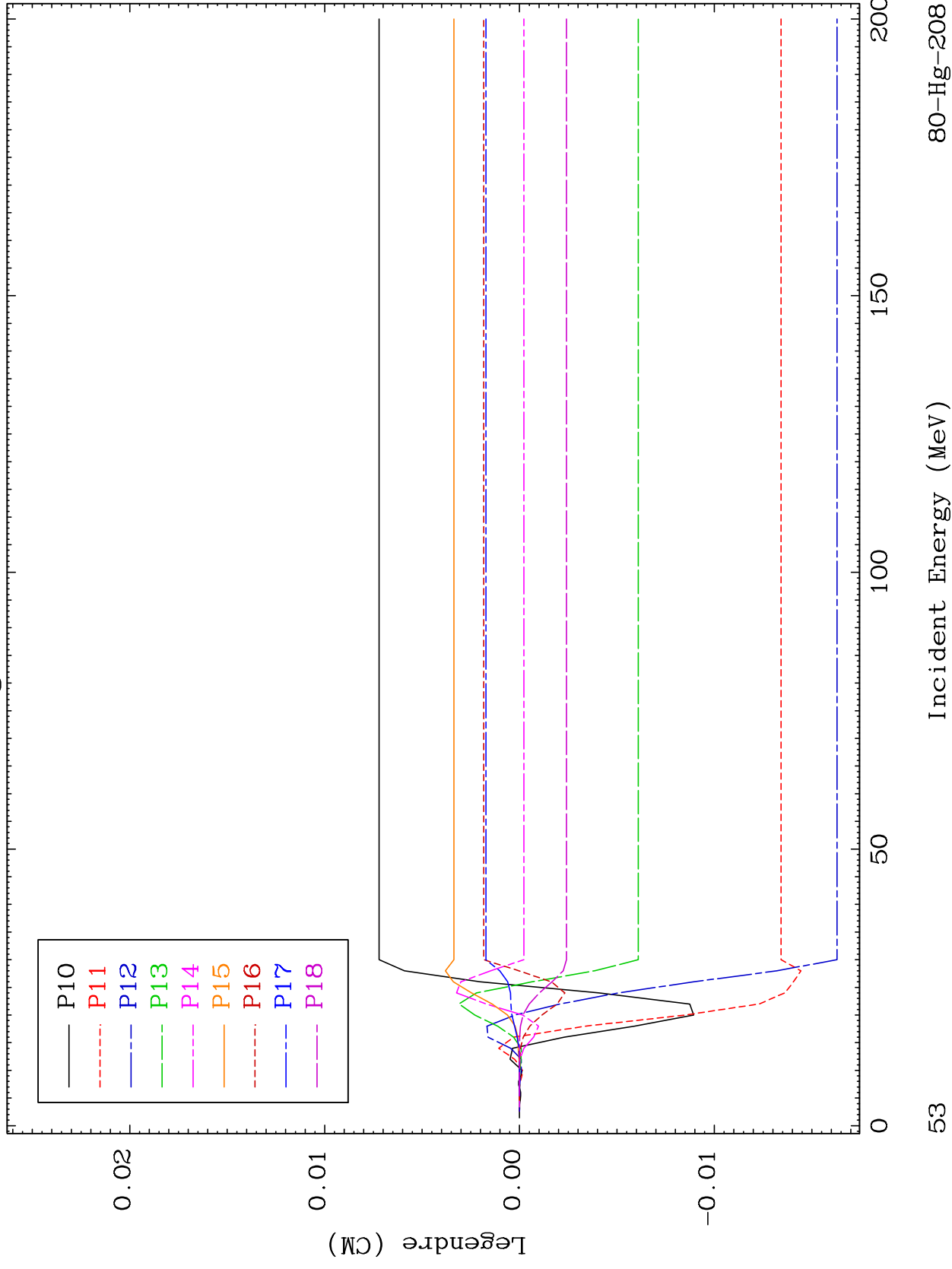




MAT 8061

1.401 MeV (n,n') Level
Legendre Coefficients

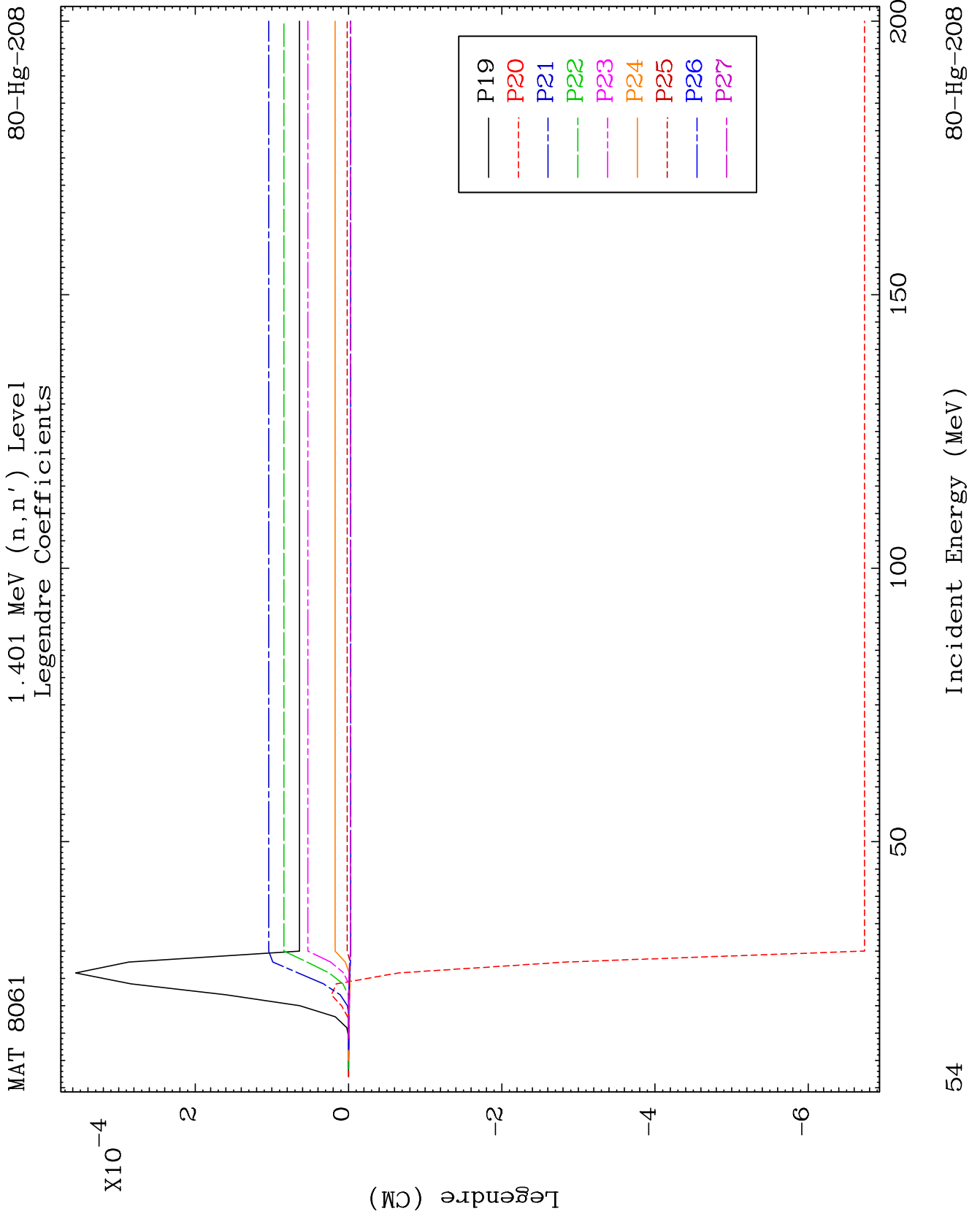
80-Hg-208

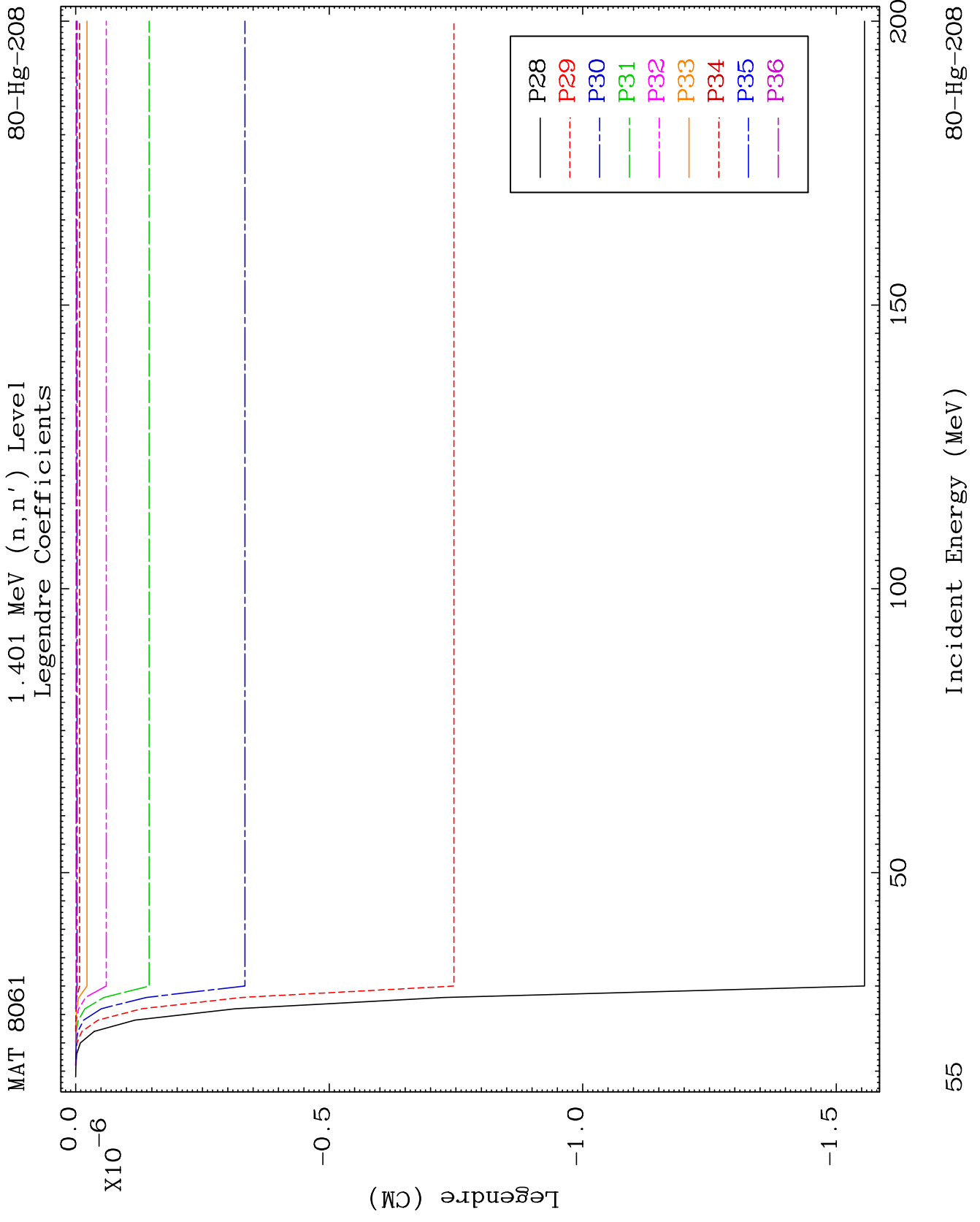


53

Incident Energy (MeV)

80-Hg-208

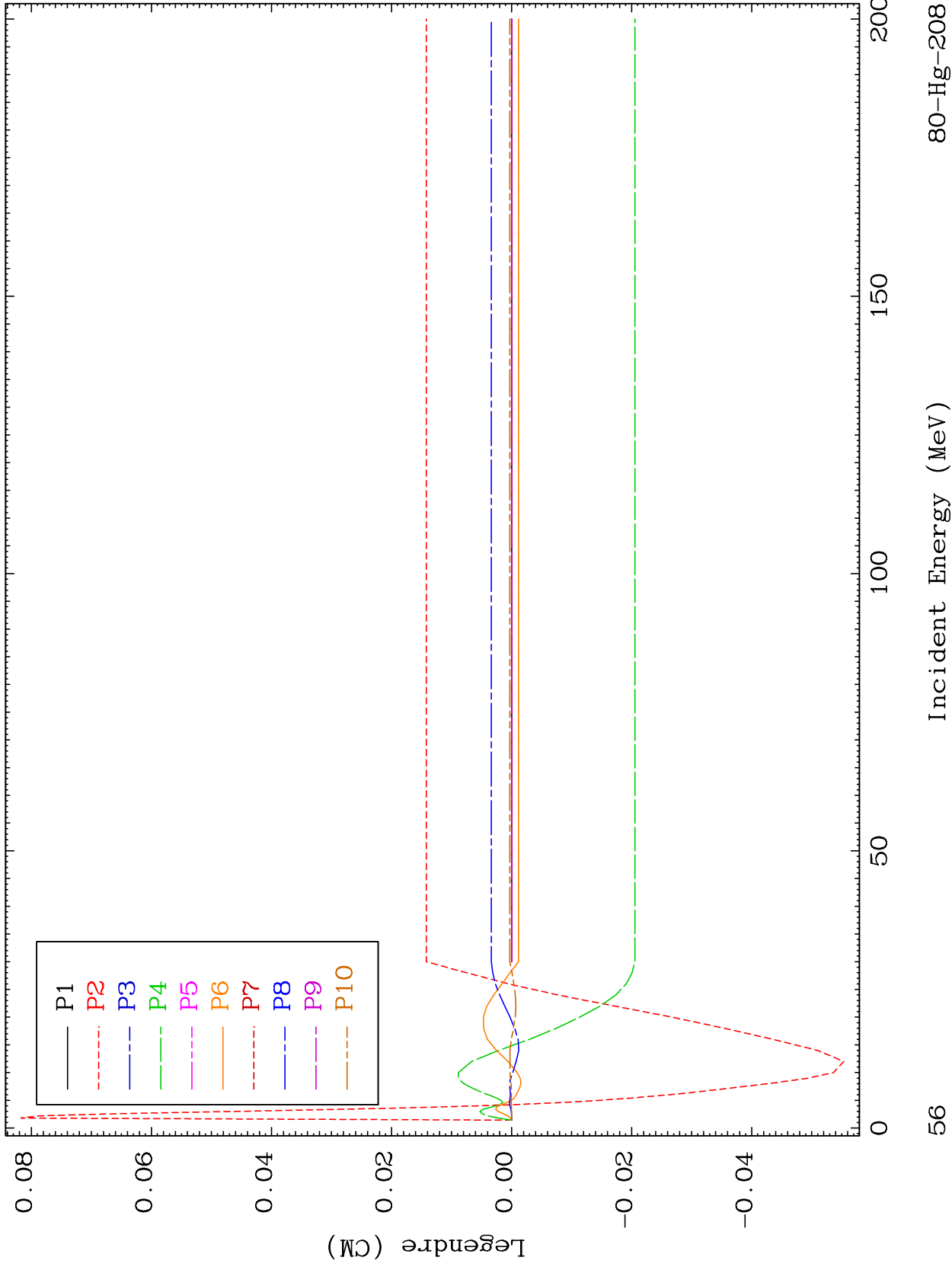


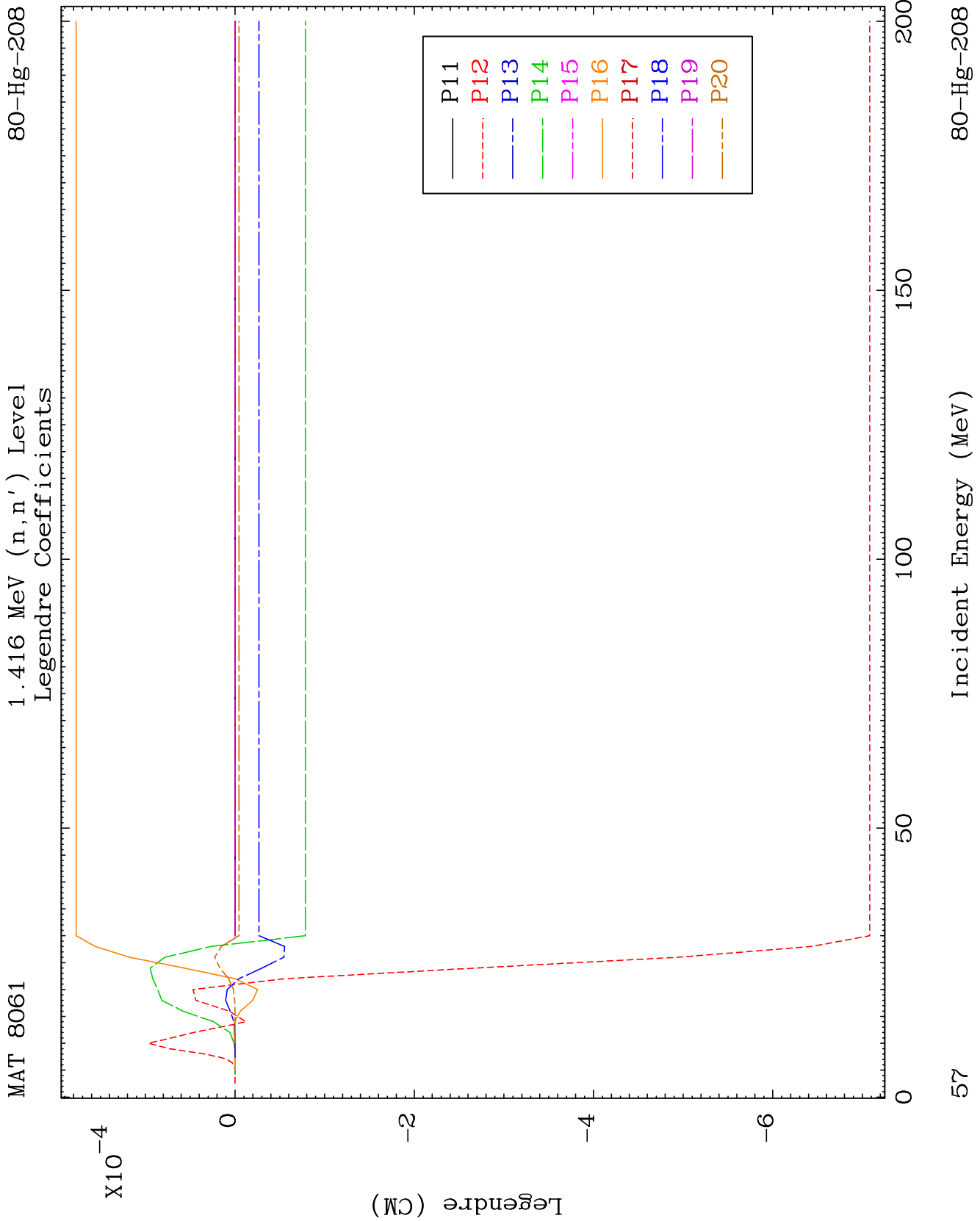


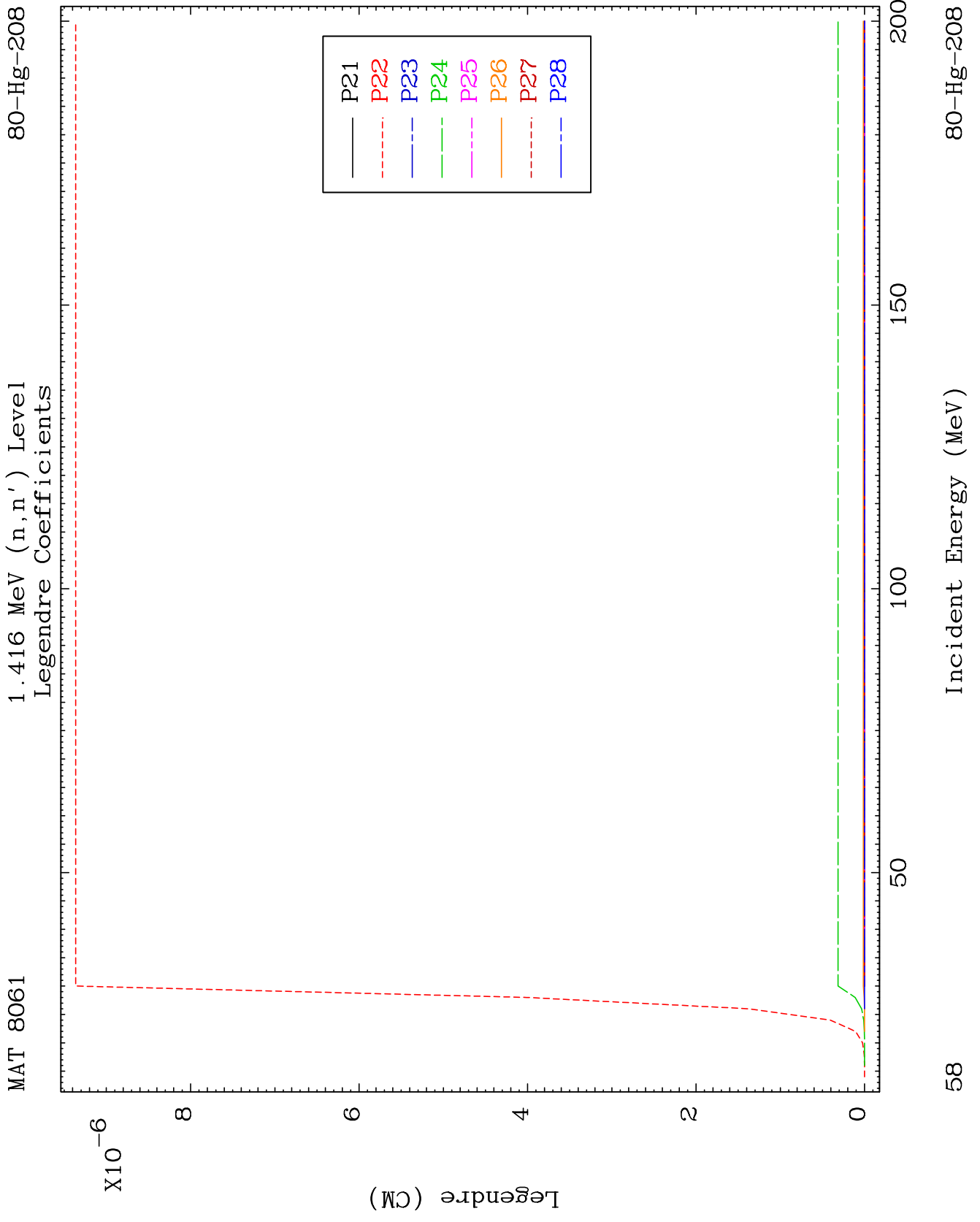
MAT 8061

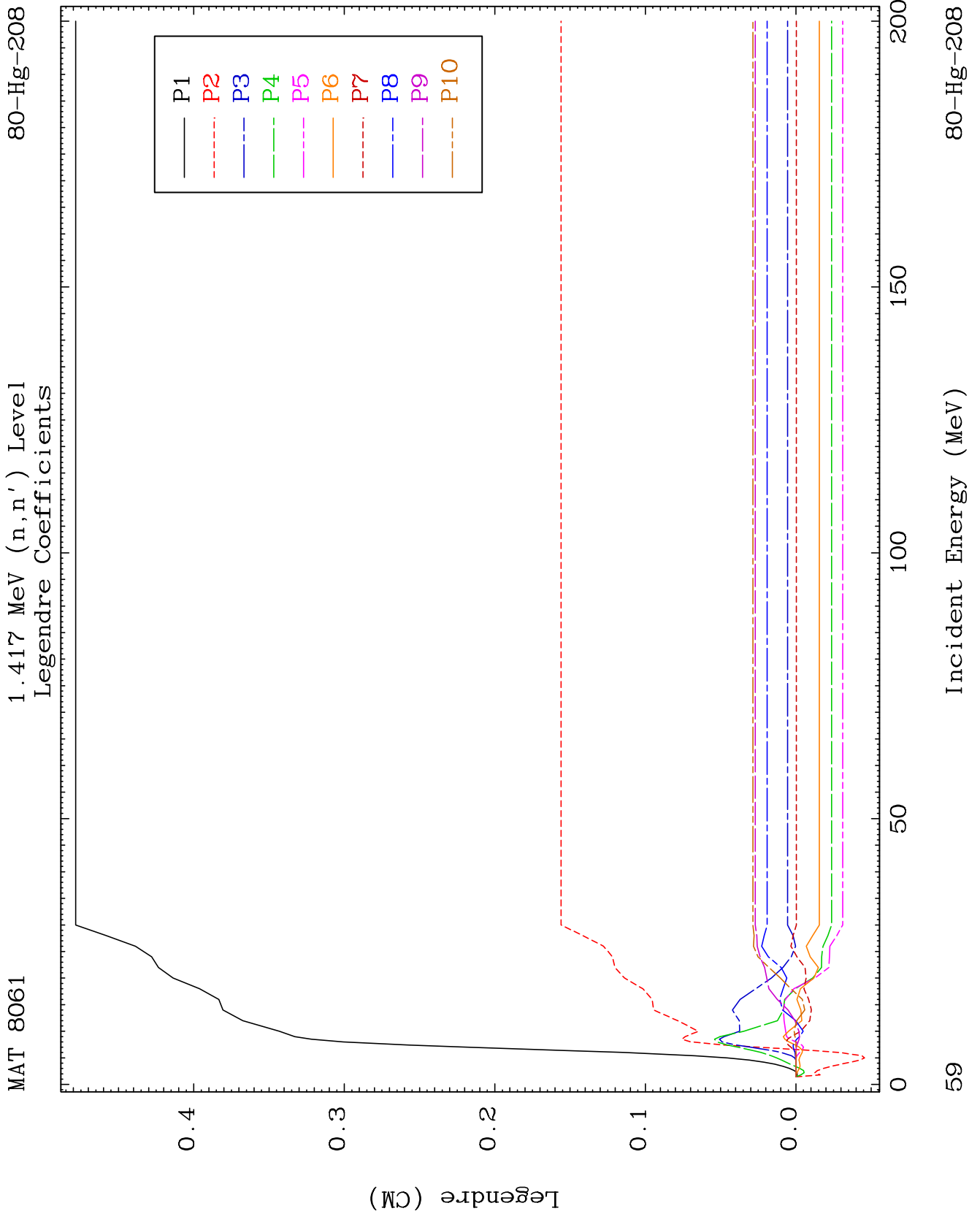
1.416 MeV (n,n') Level
Legendre Coefficients

80-Hg-208





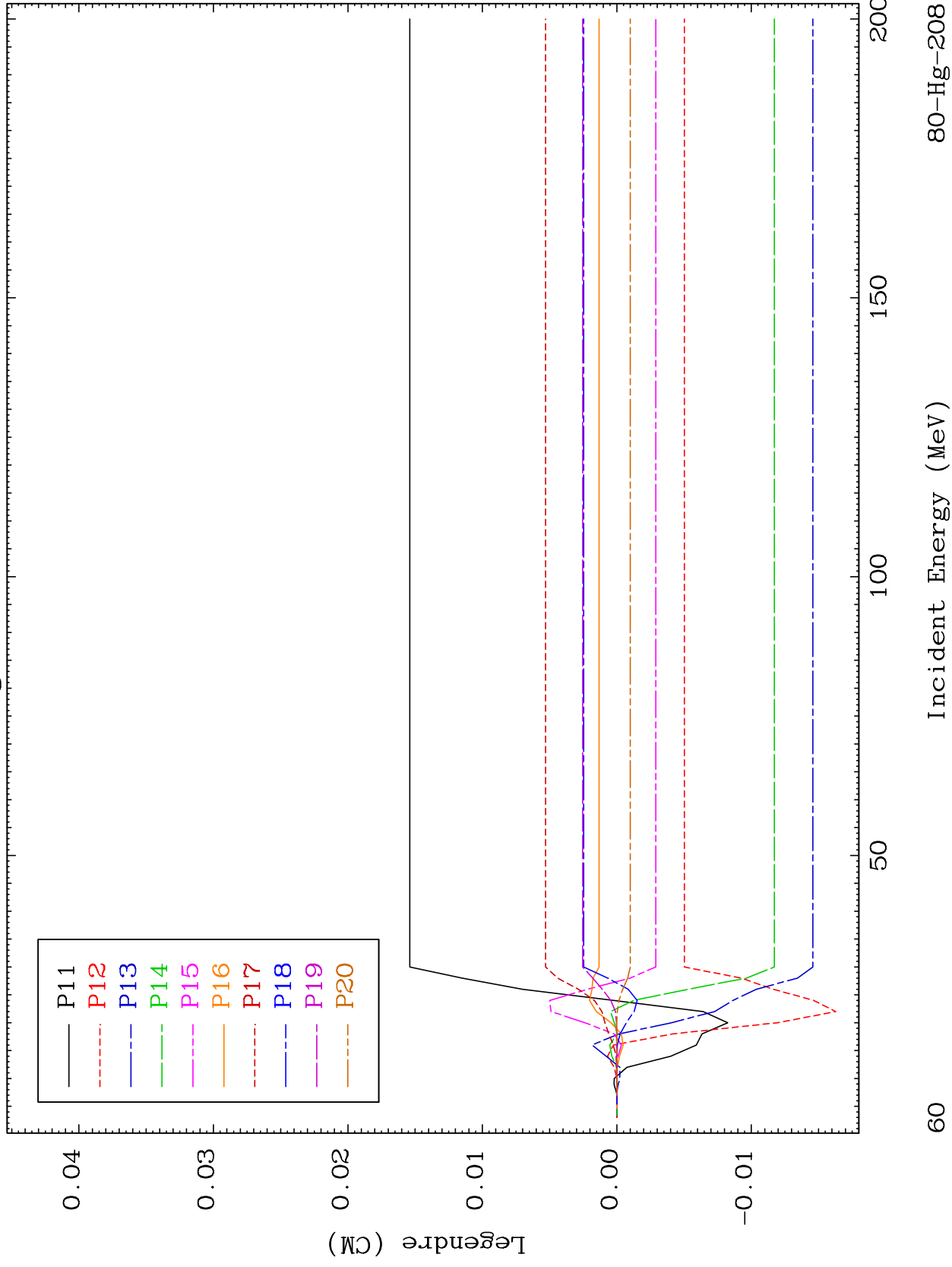




MAT 8061

1.417 MeV (n,n') Level
Legendre Coefficients

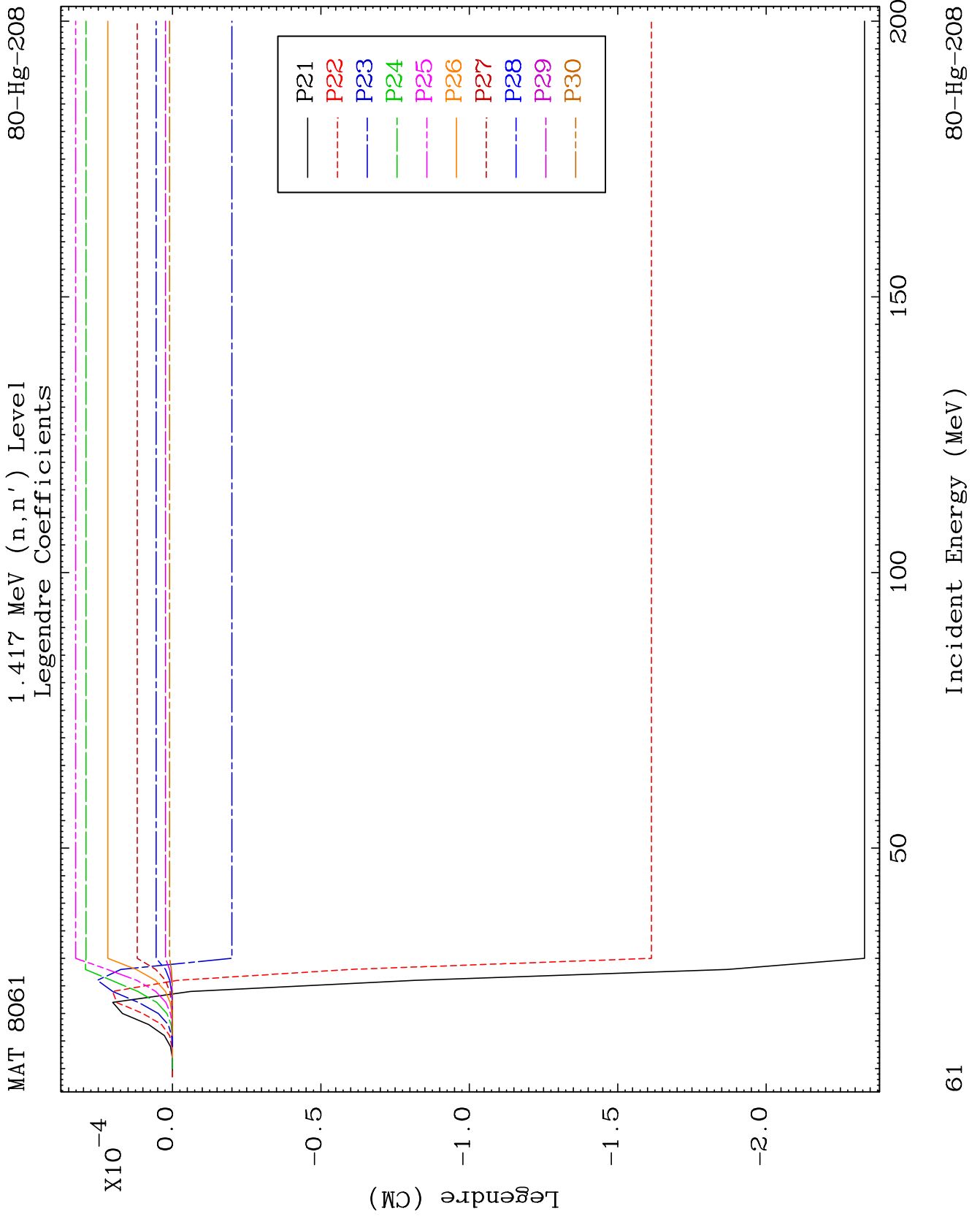
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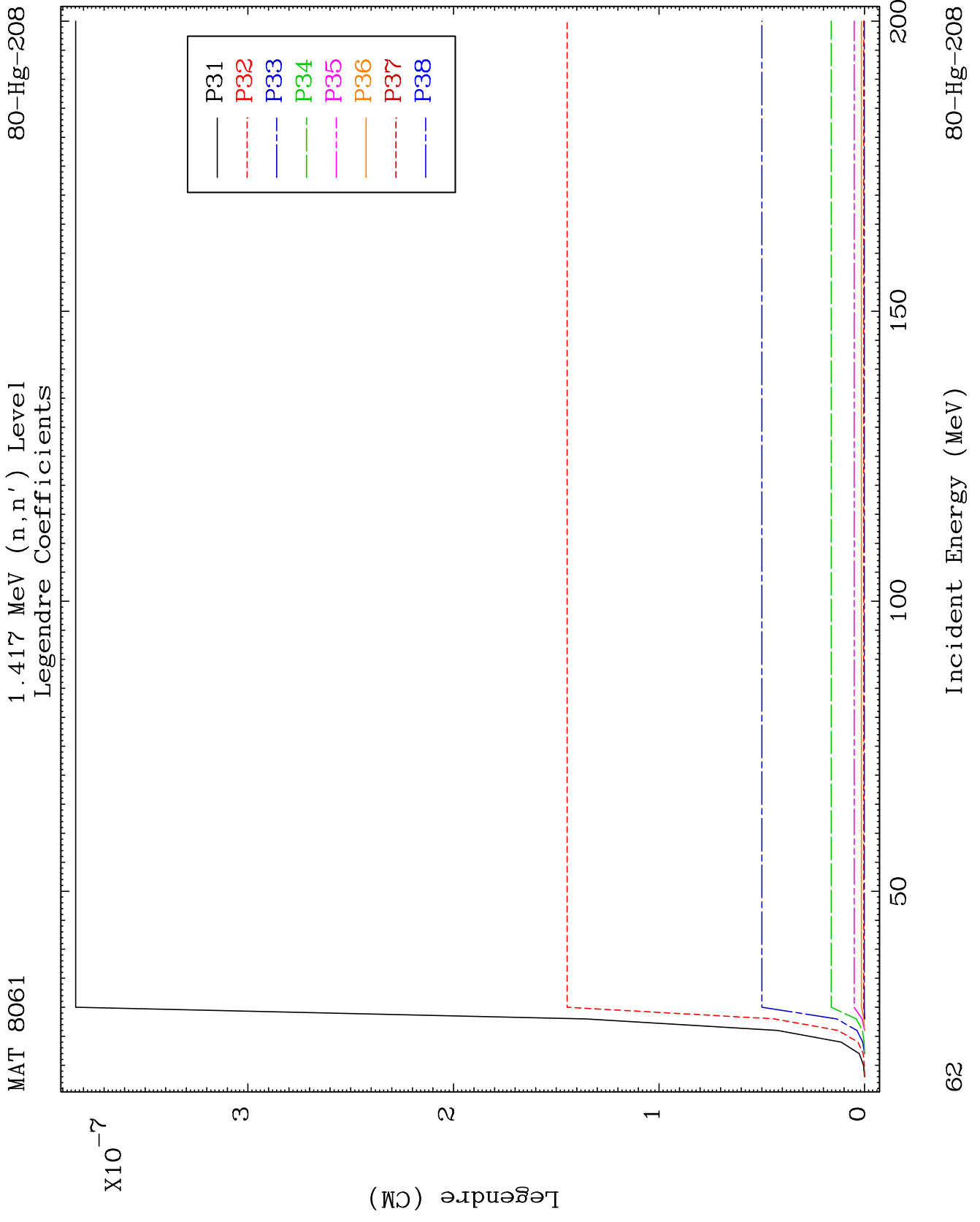


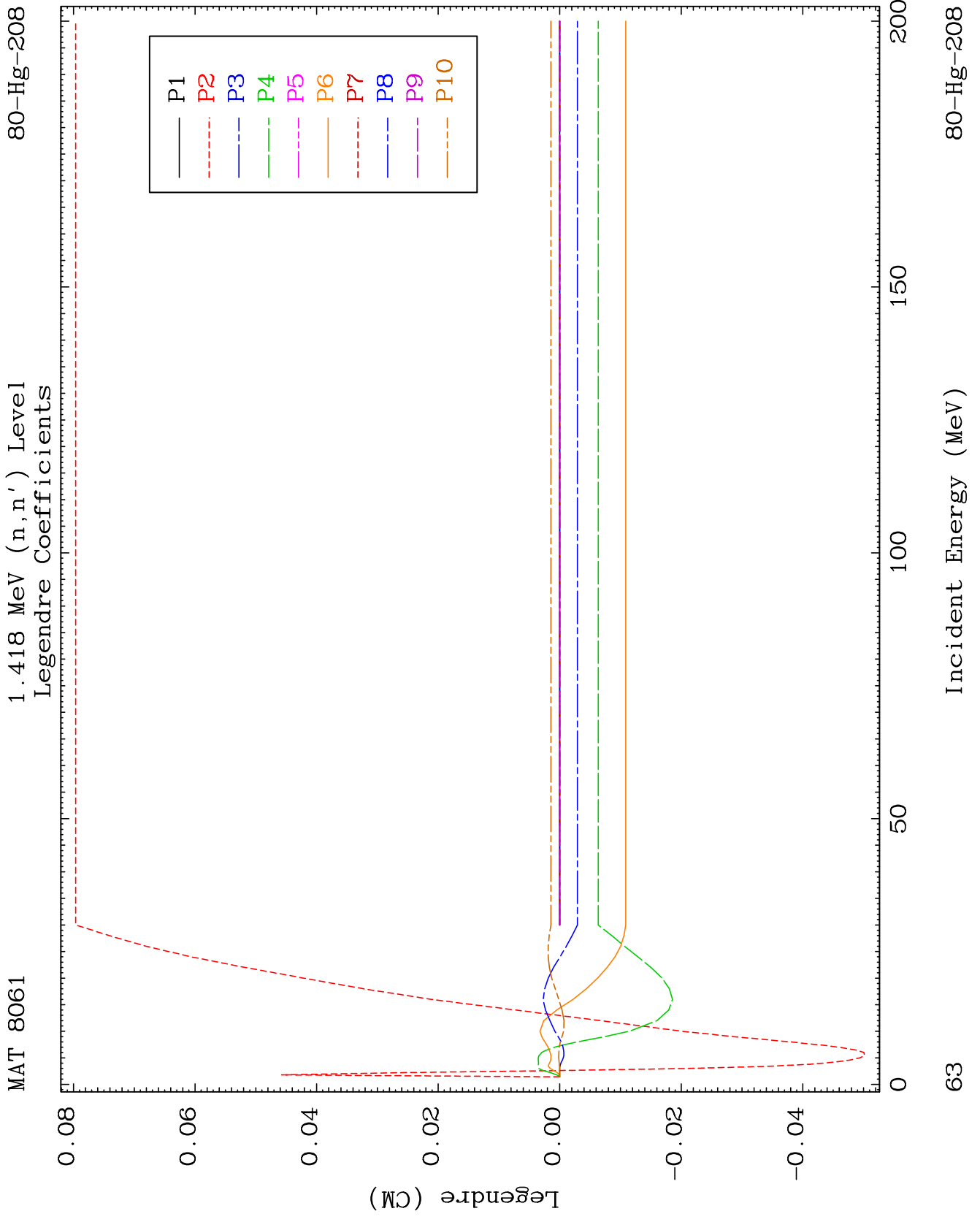
80-Hg-208

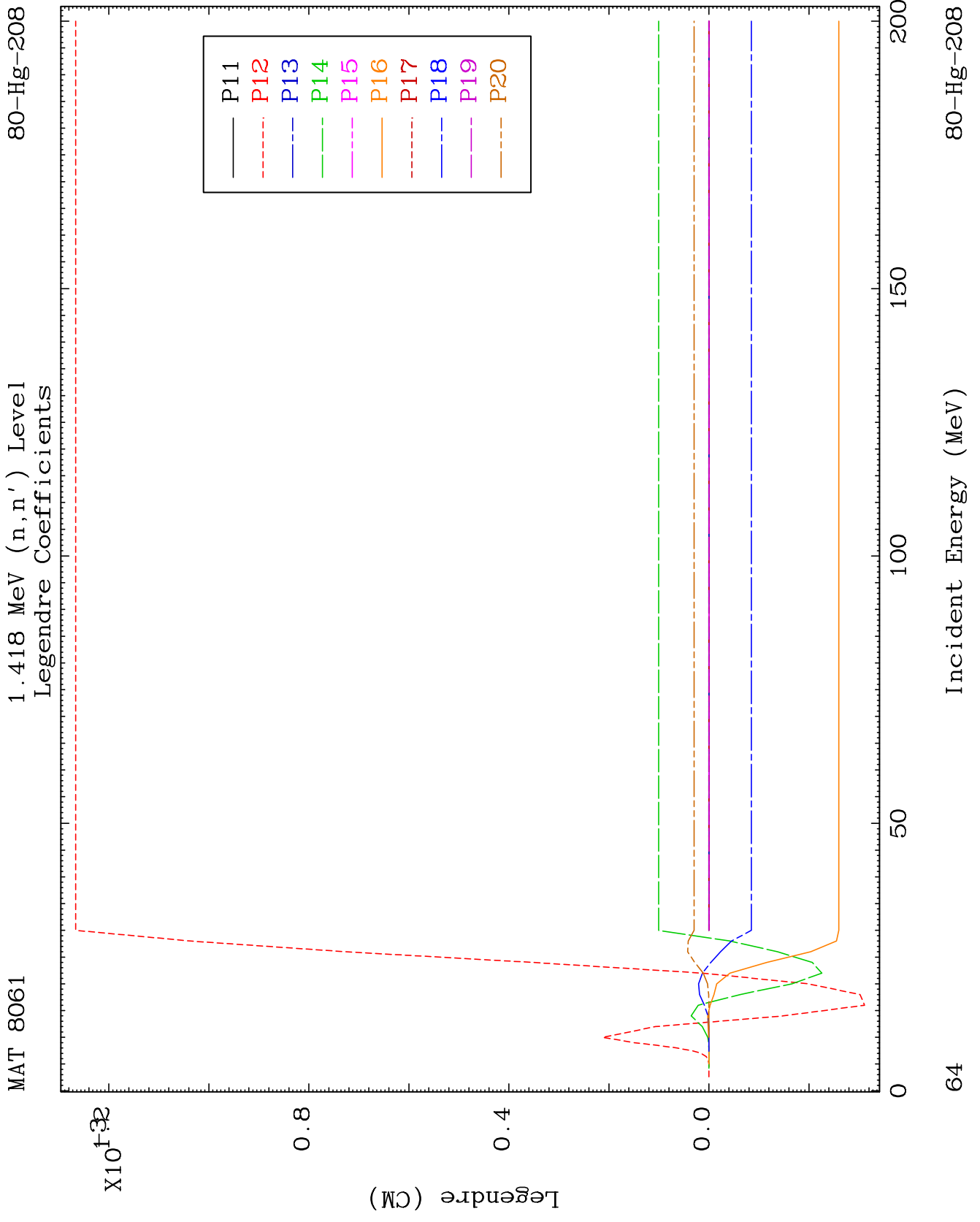
Incident Energy (MeV)

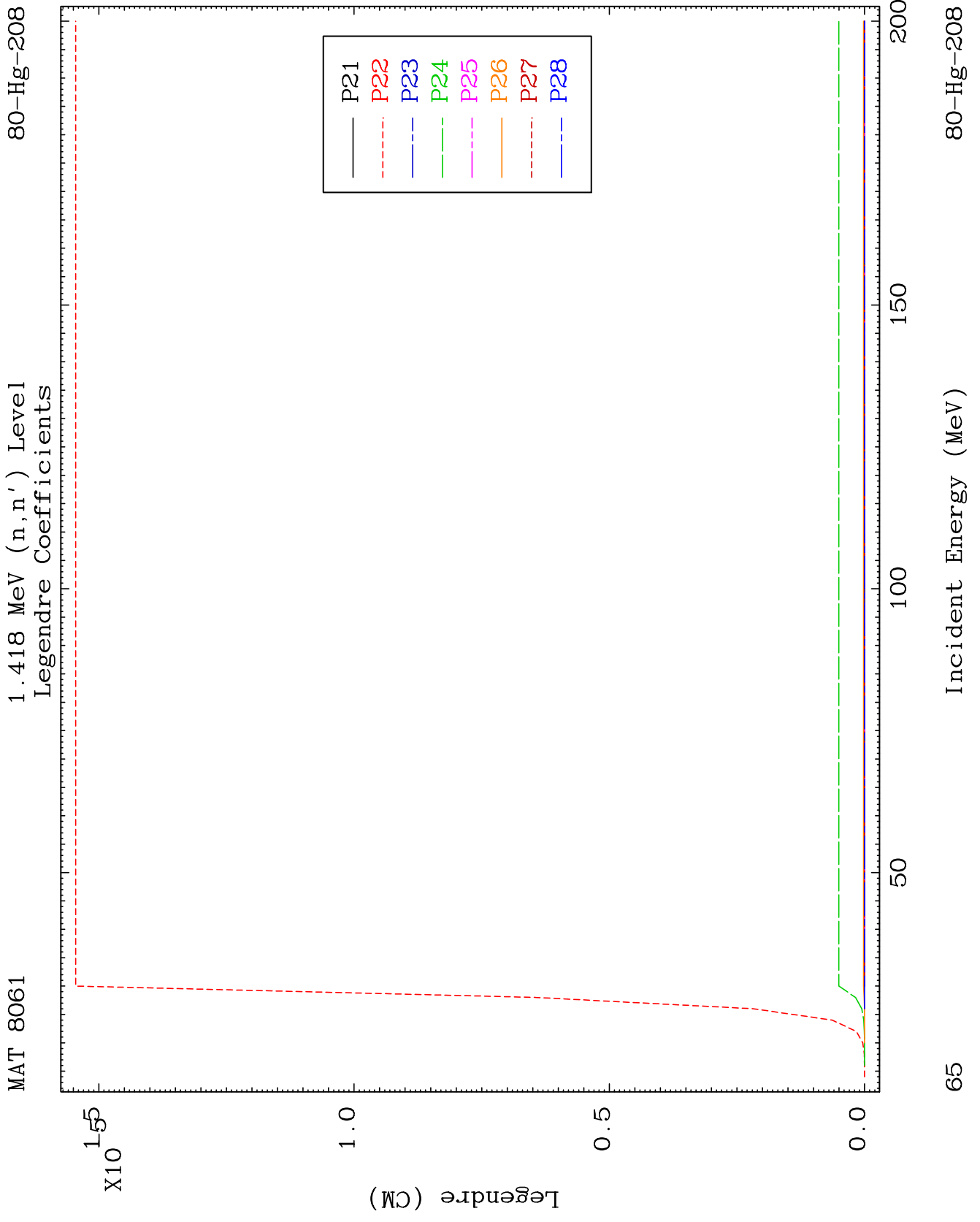
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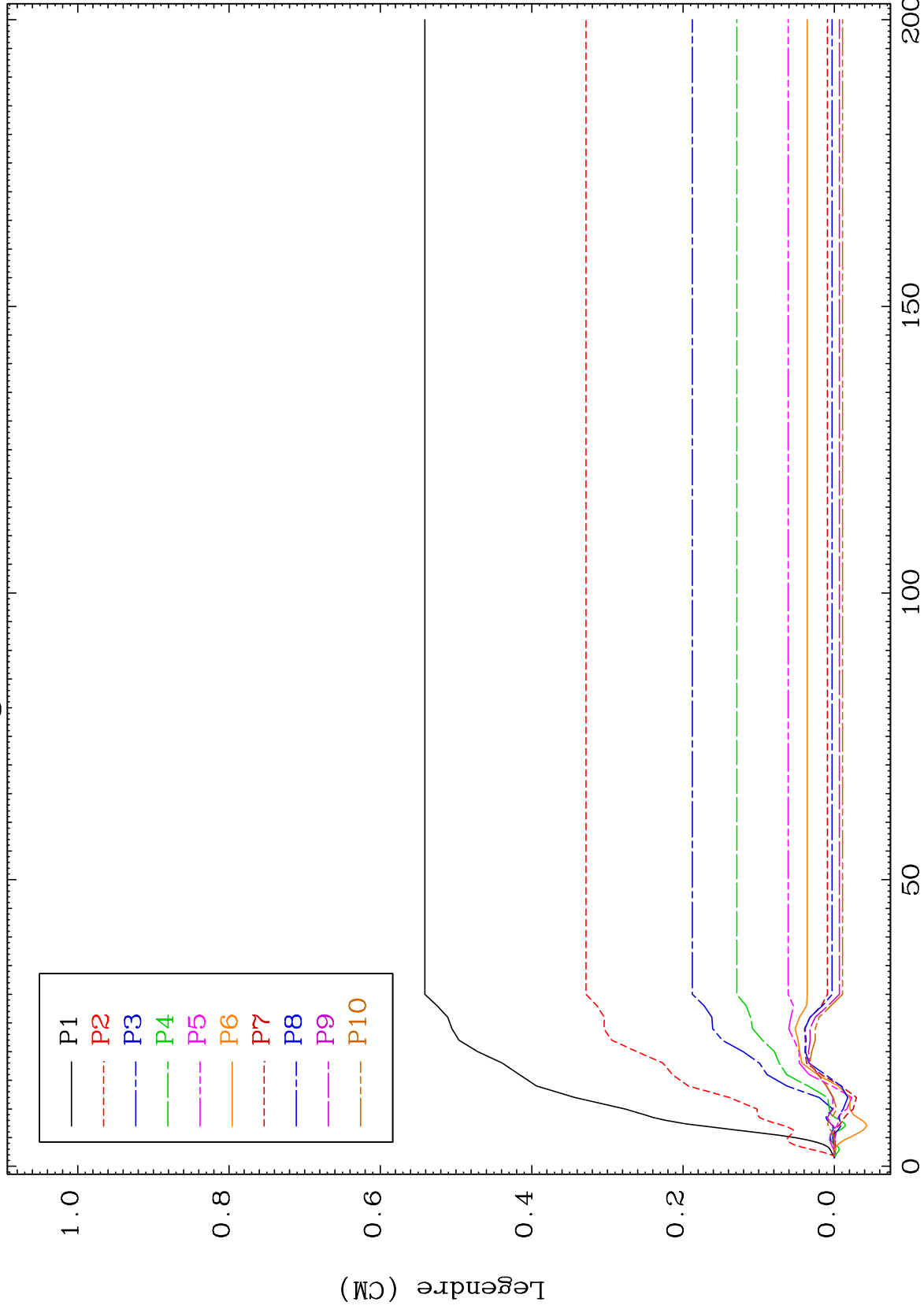


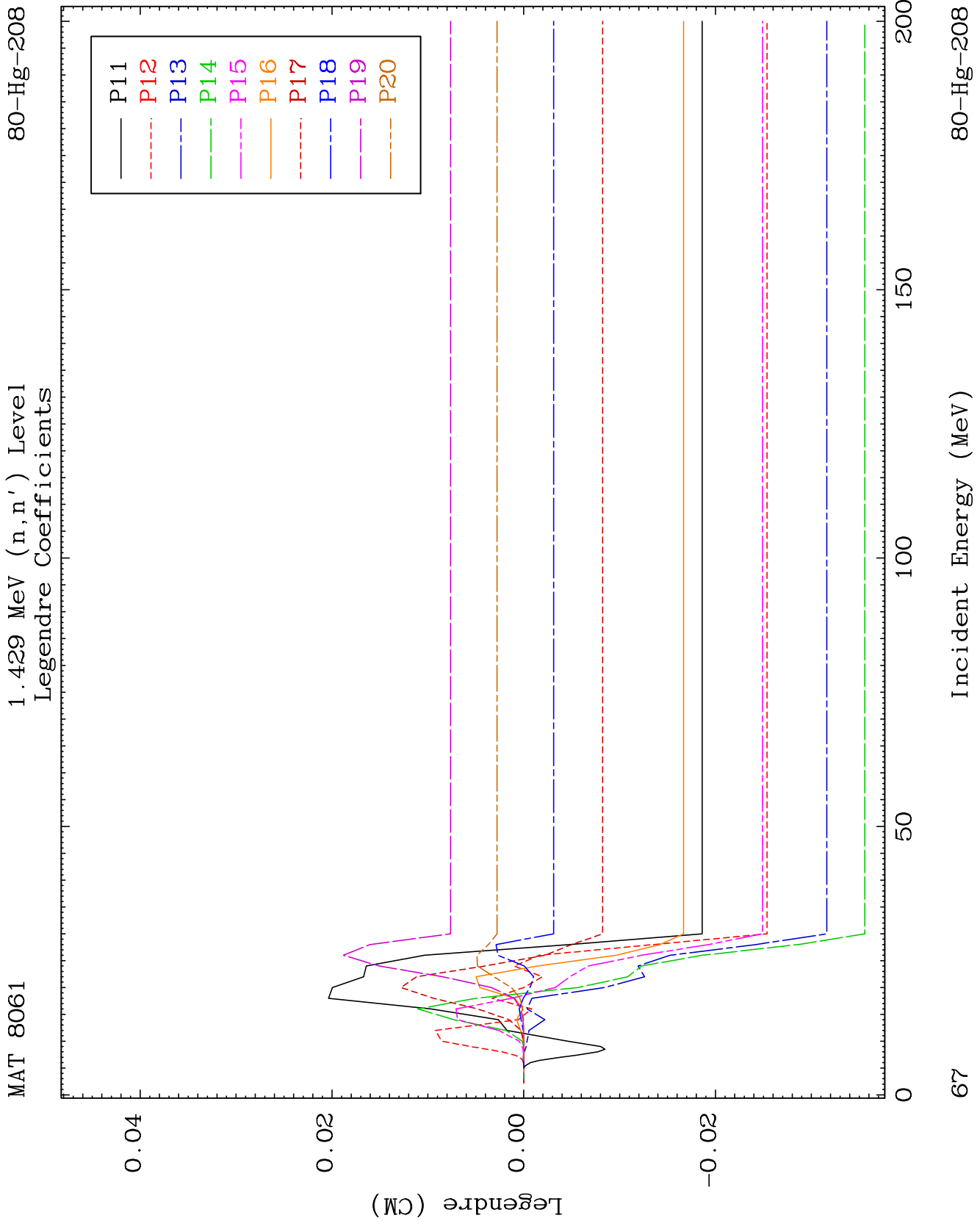








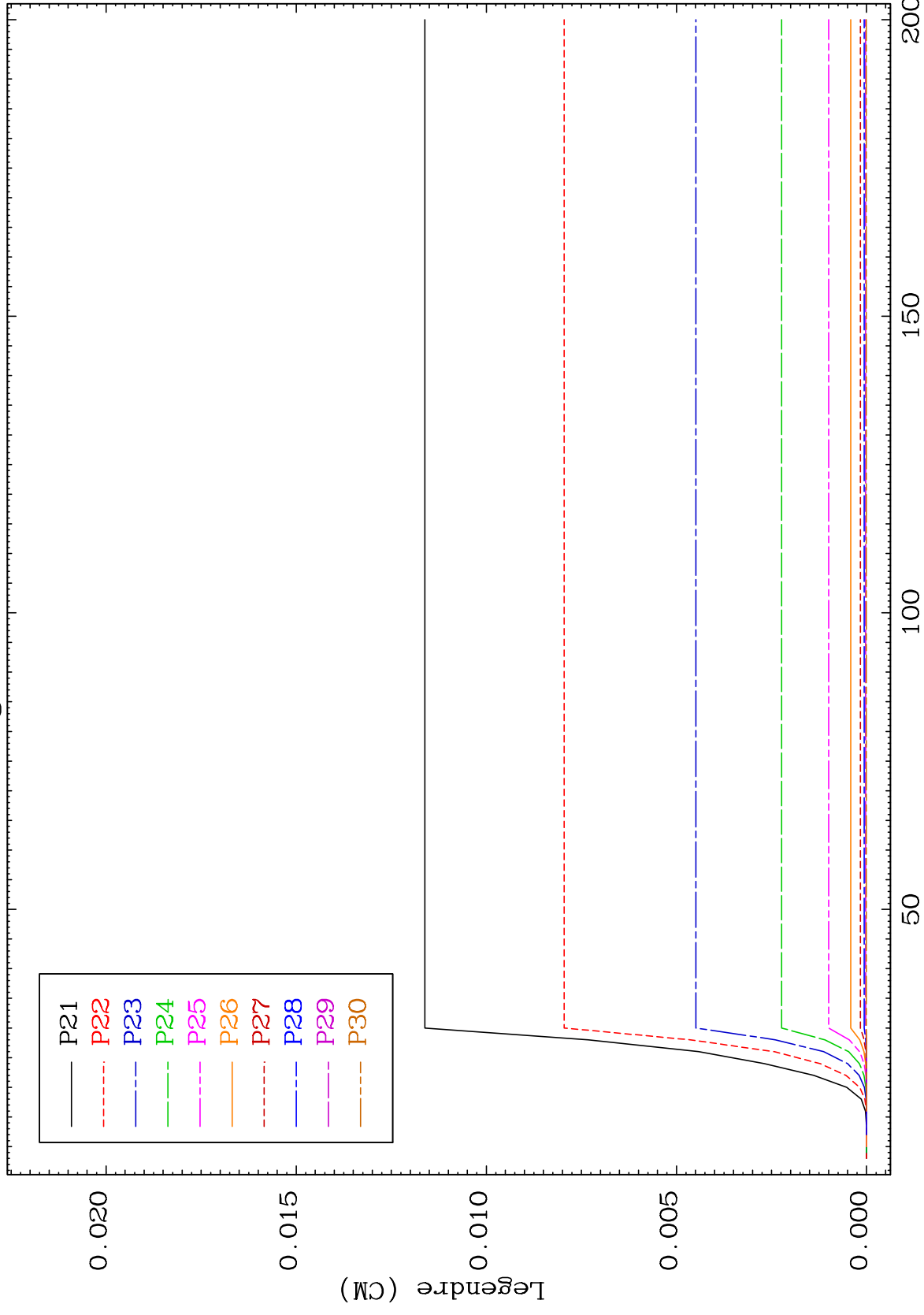




MAT 8061

1.429 MeV (n,n') Level
Legendre Coefficients

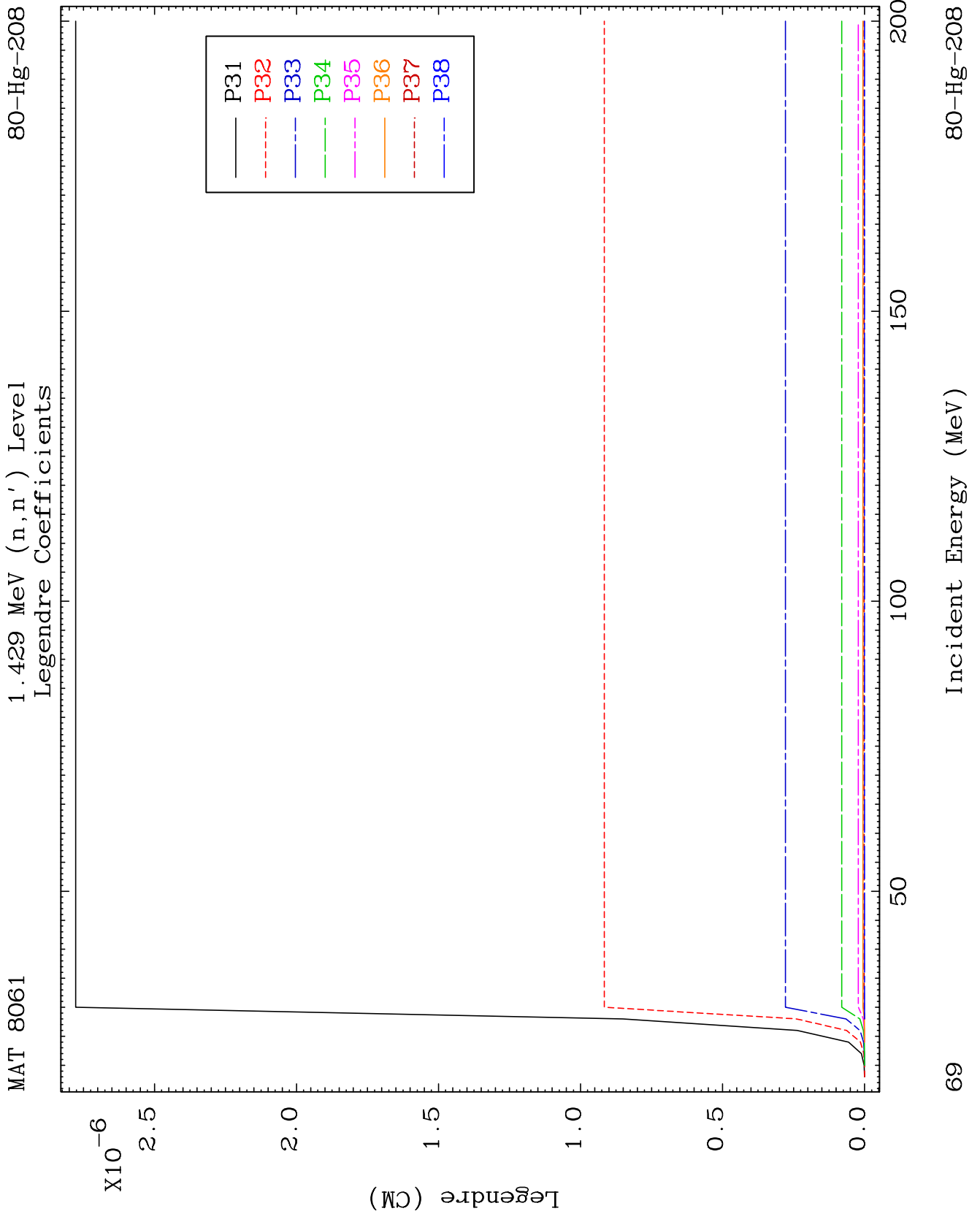
80-Hg-208

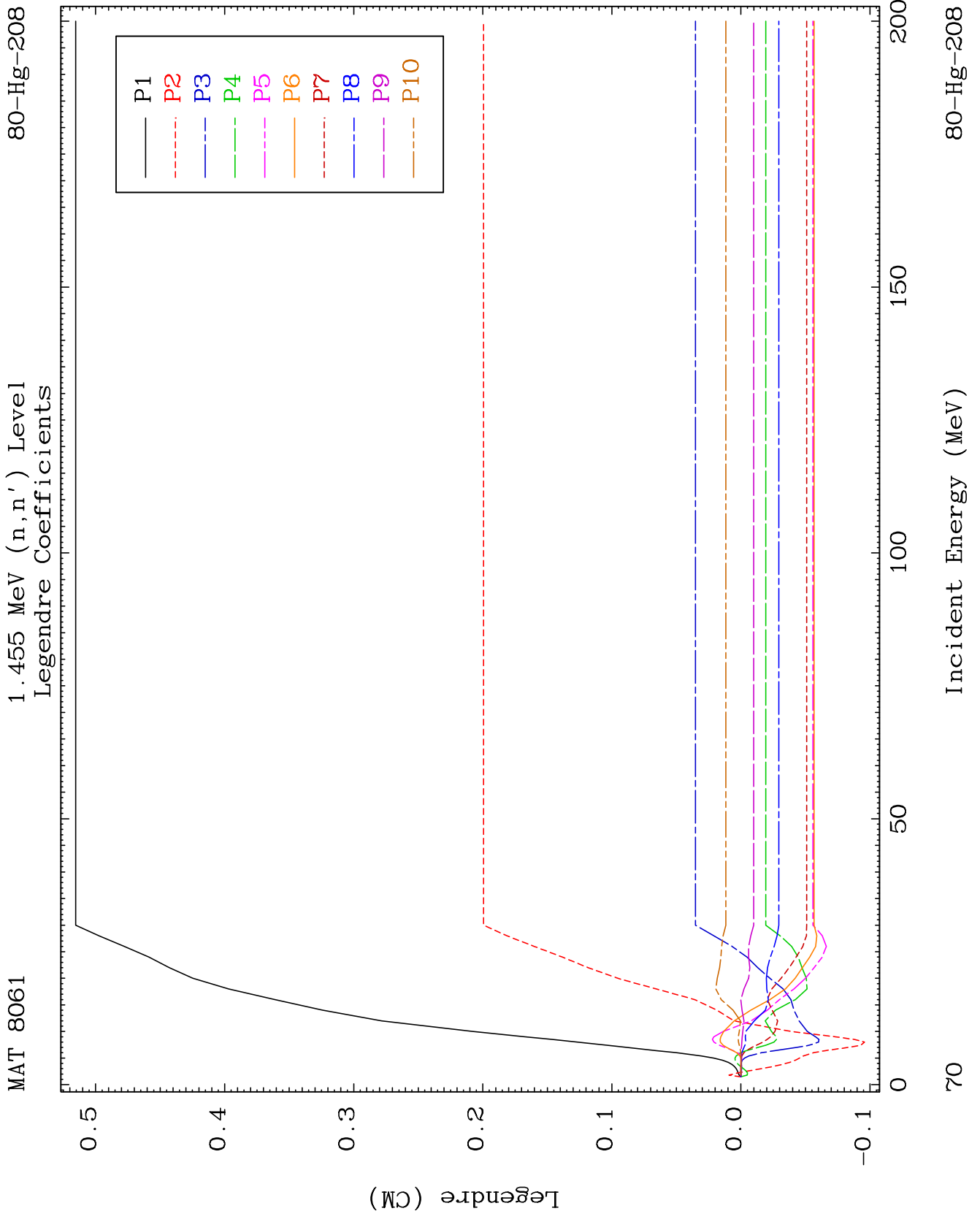


68

Incident Energy (MeV)

80-Hg-208

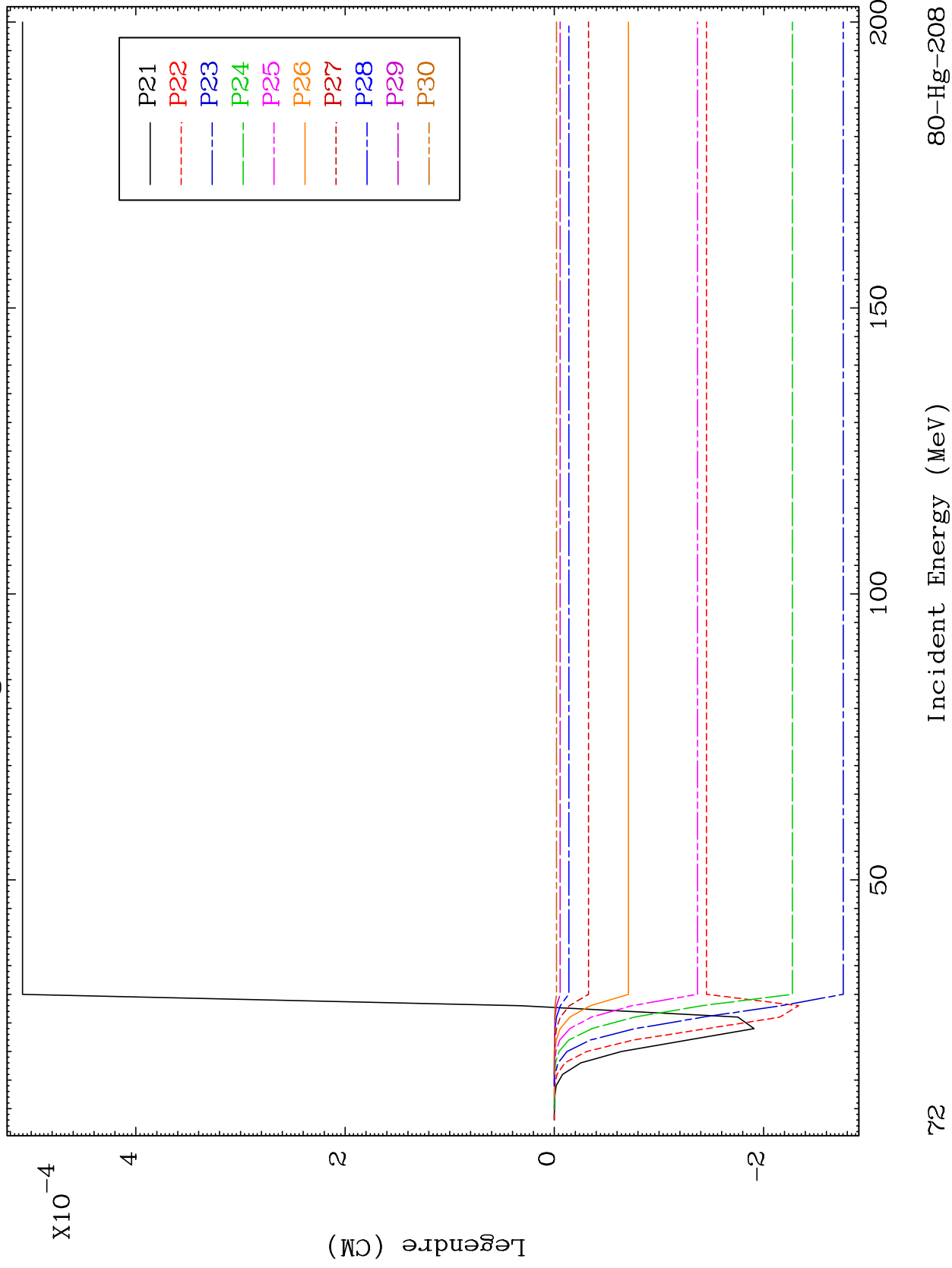


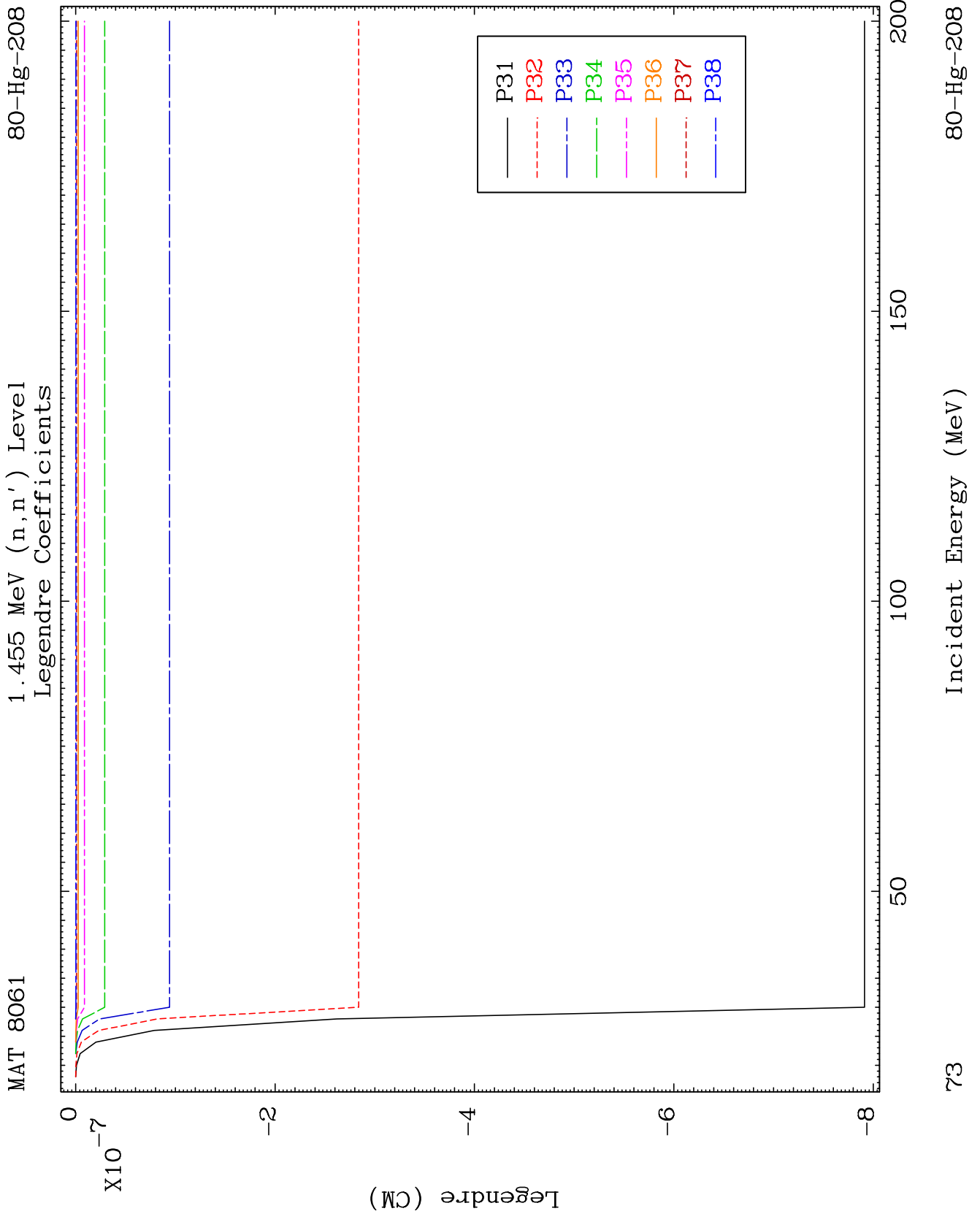


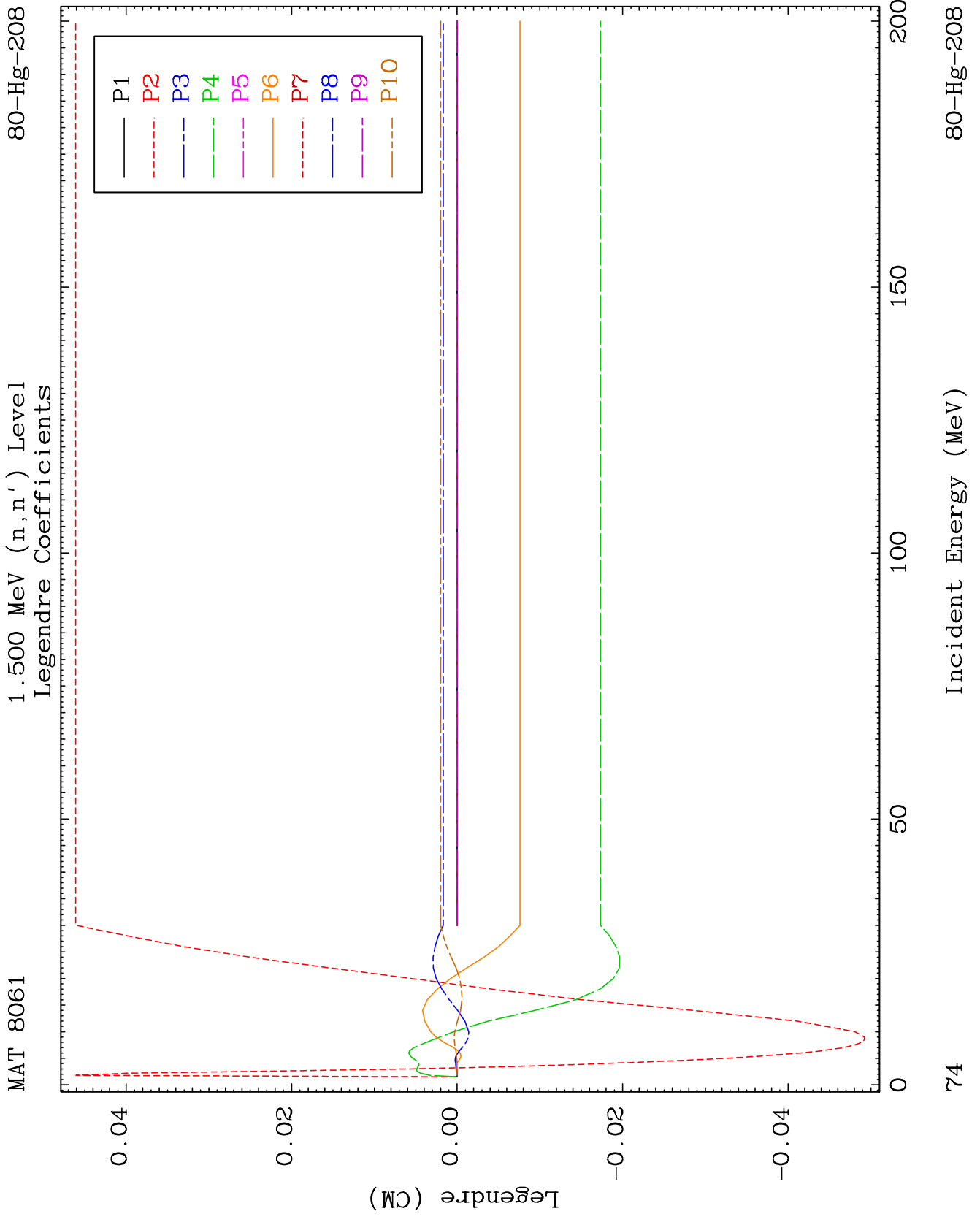
MAT 8061

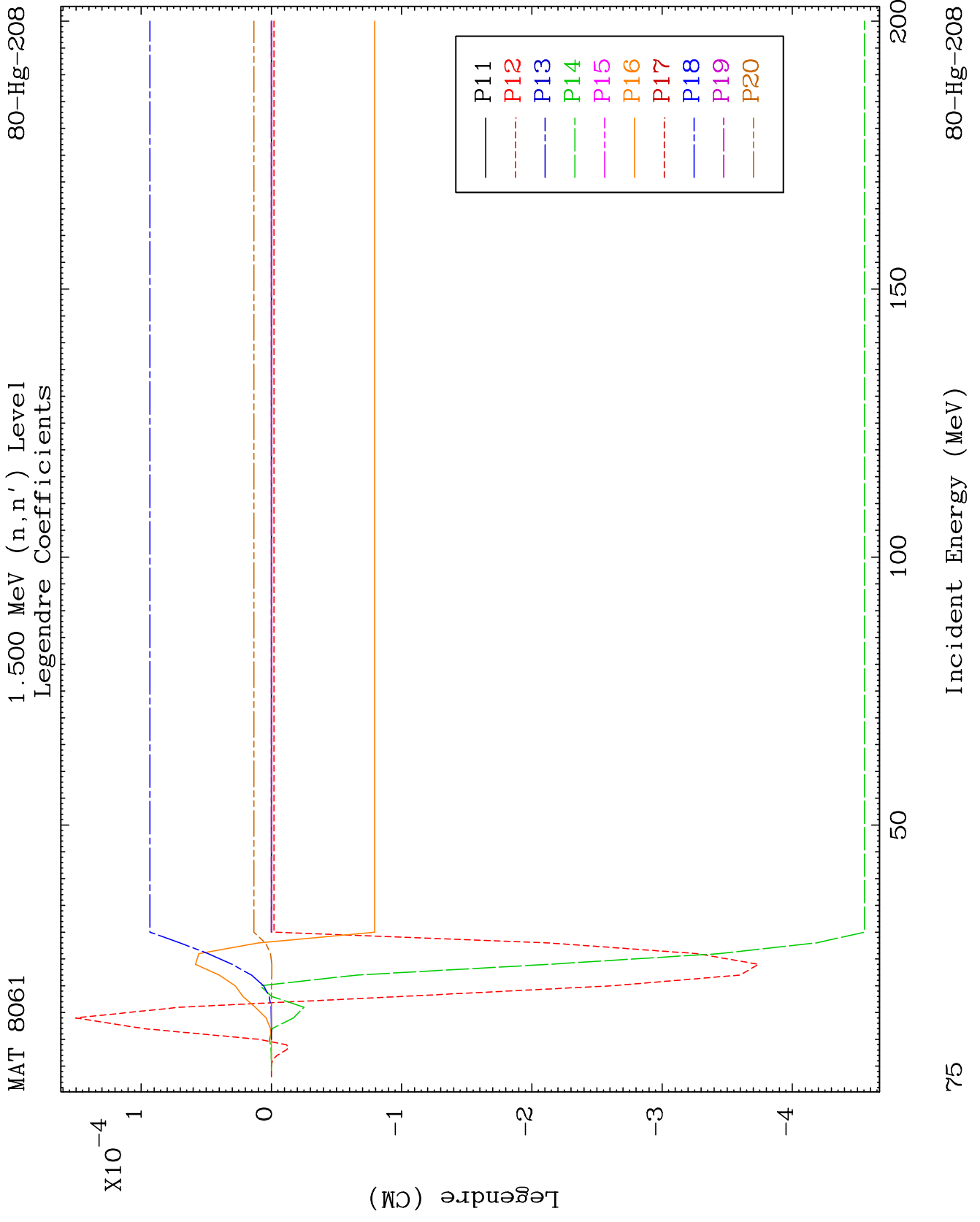
1.455 MeV (n,n') Level
Legendre Coefficients

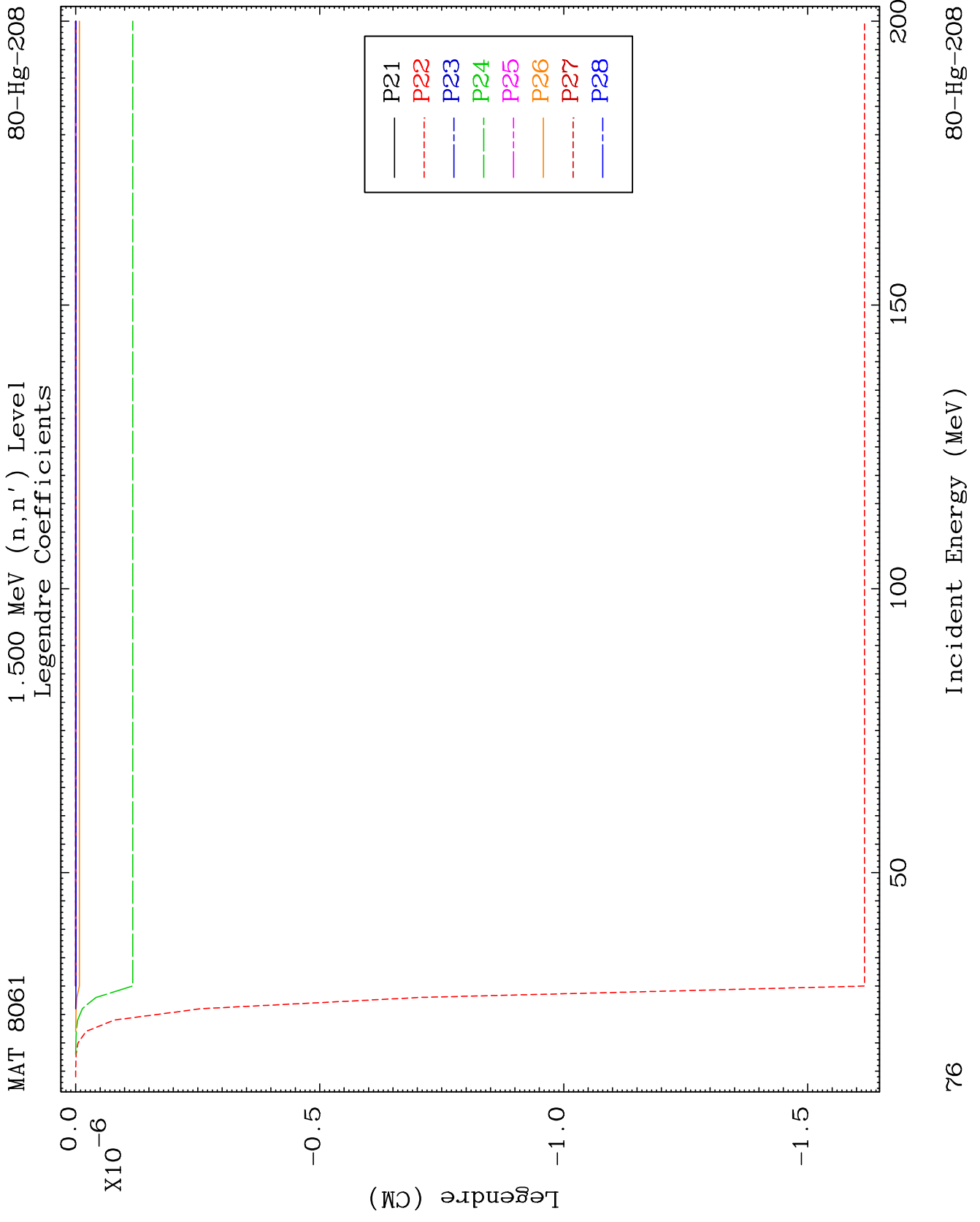
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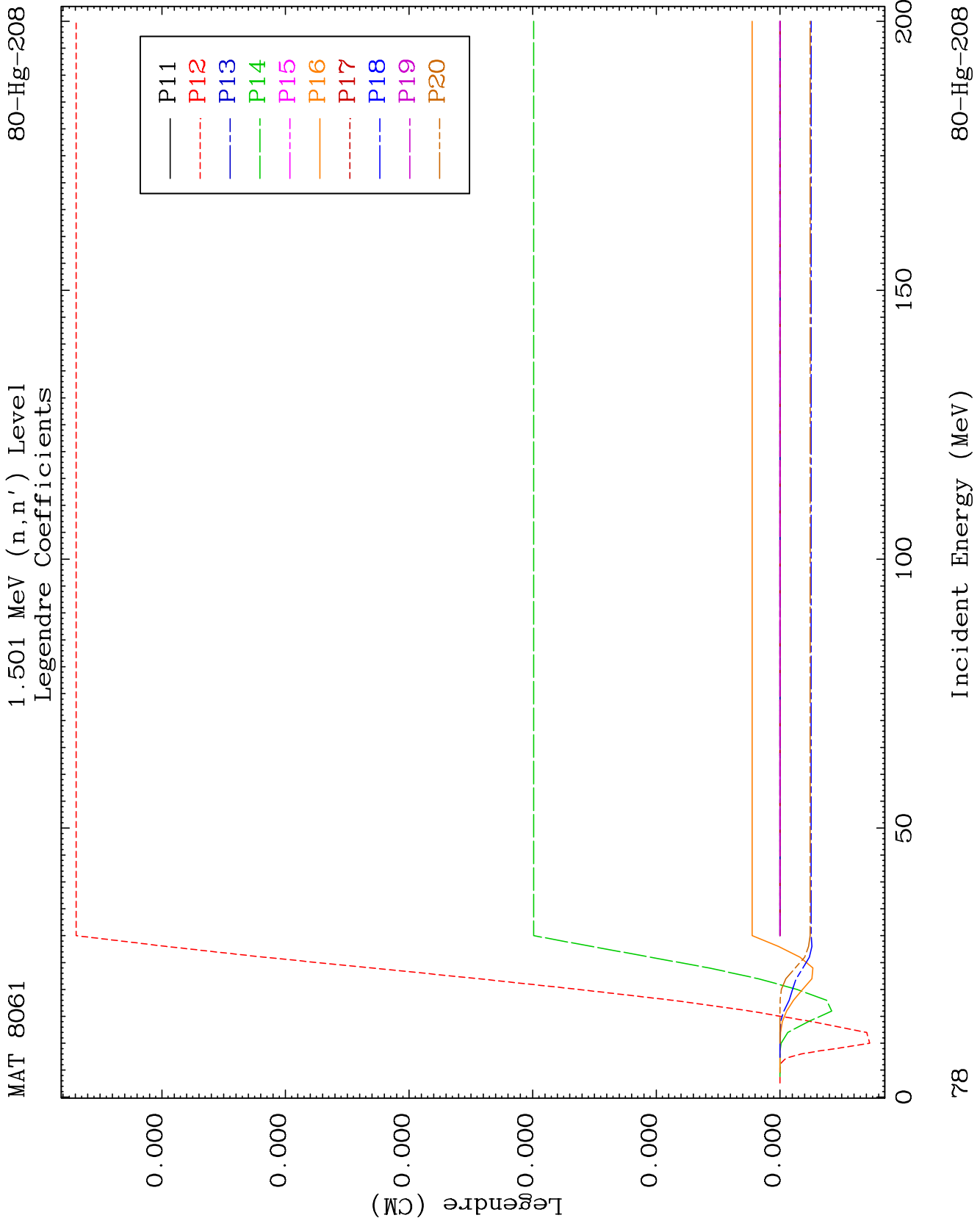


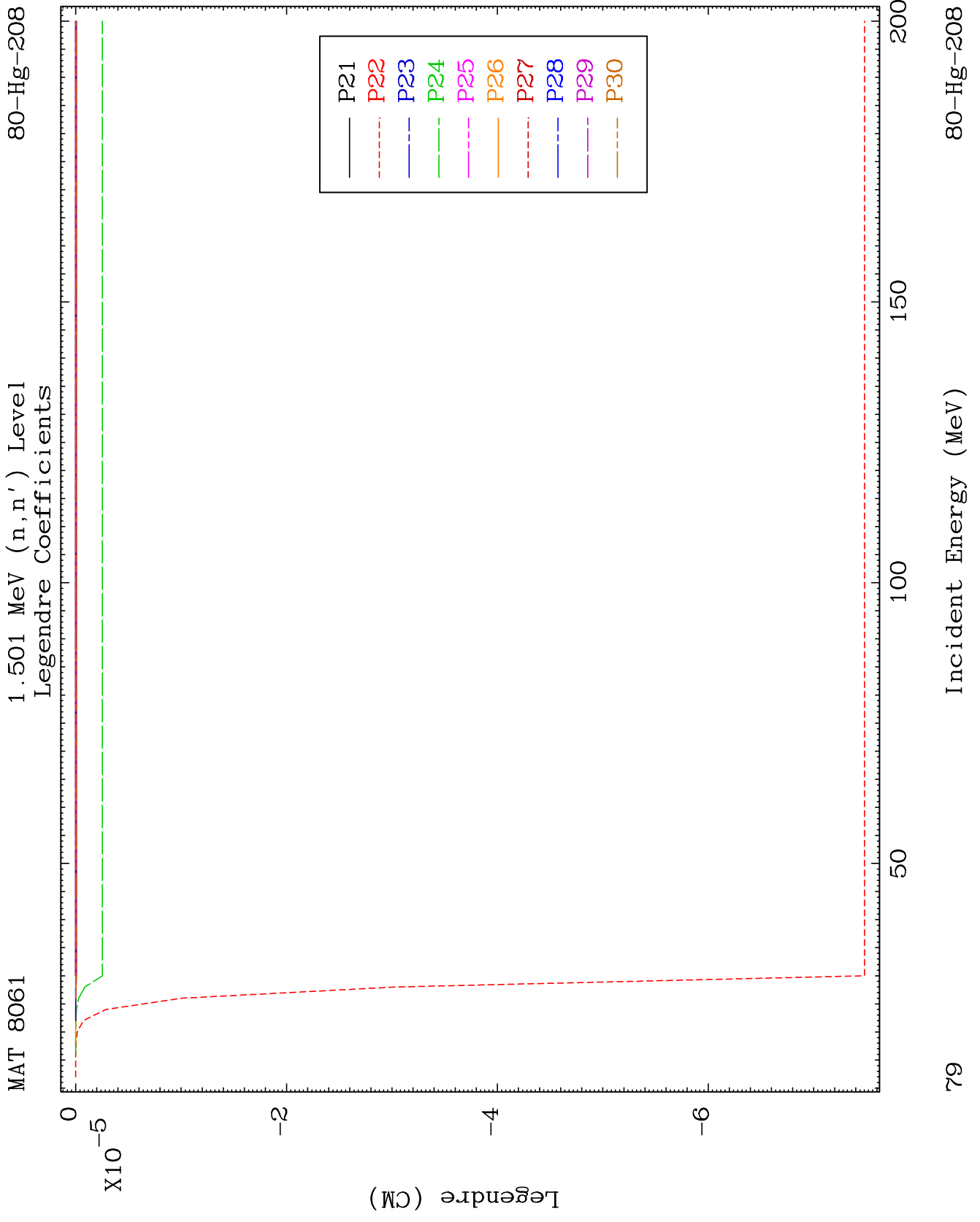


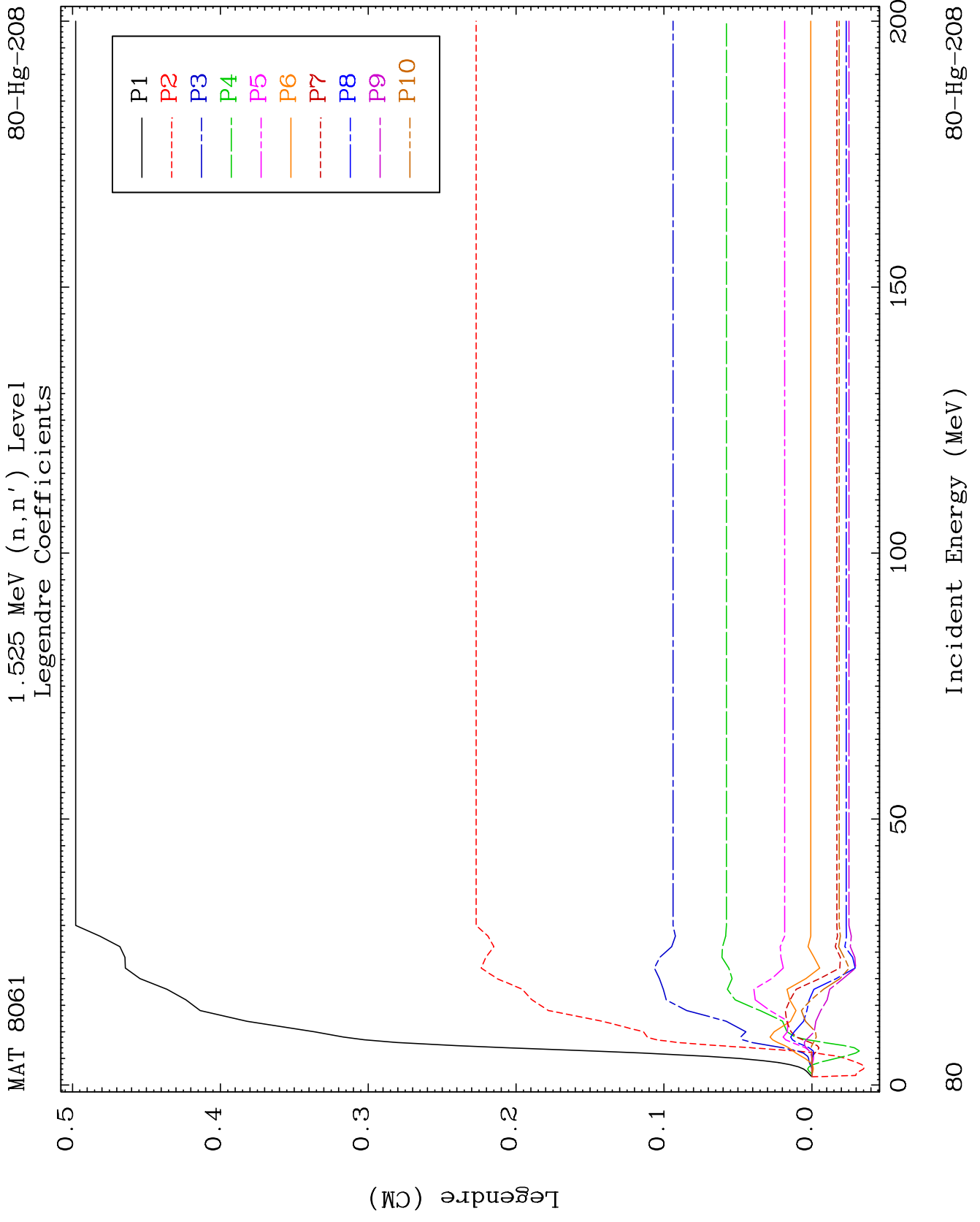


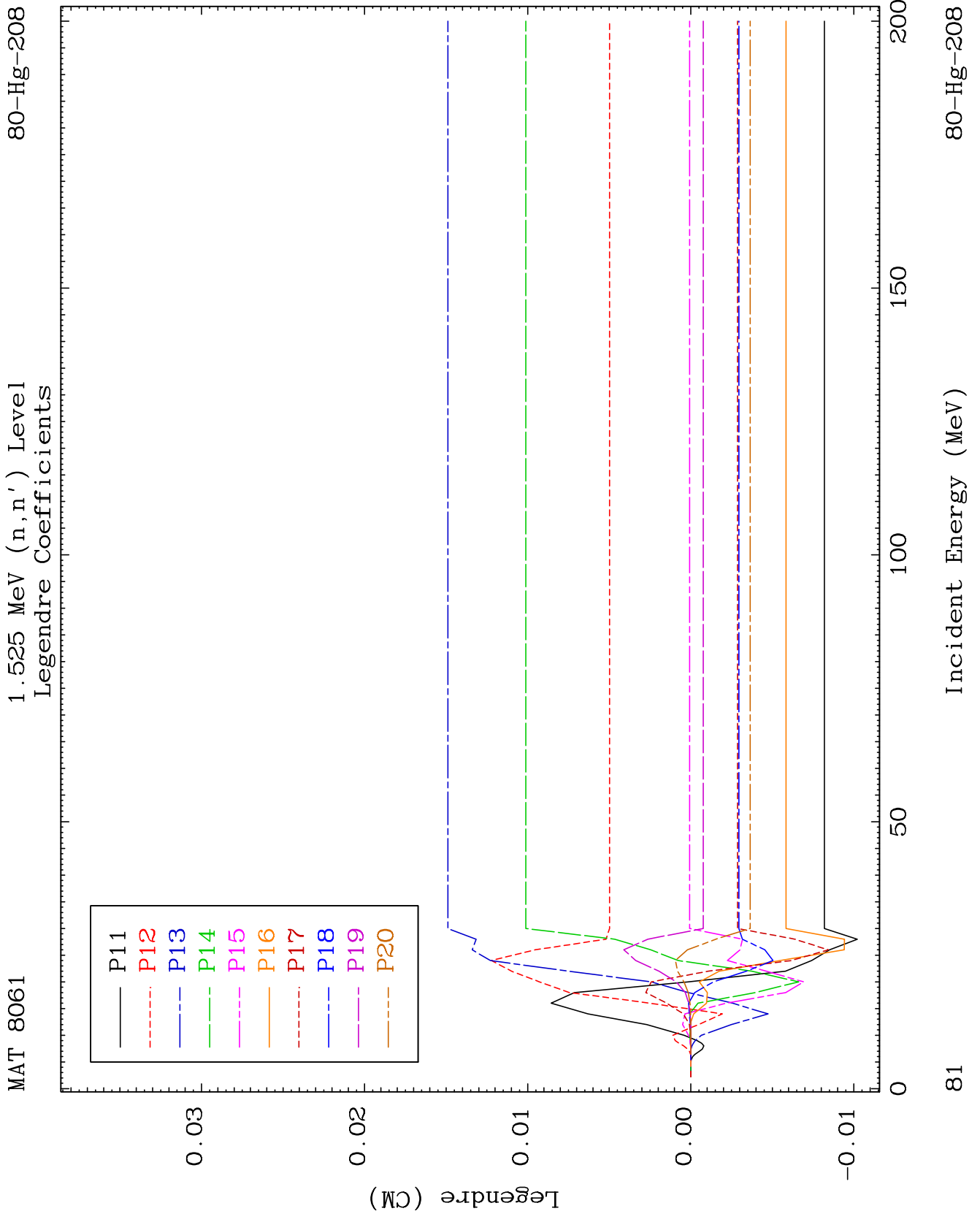


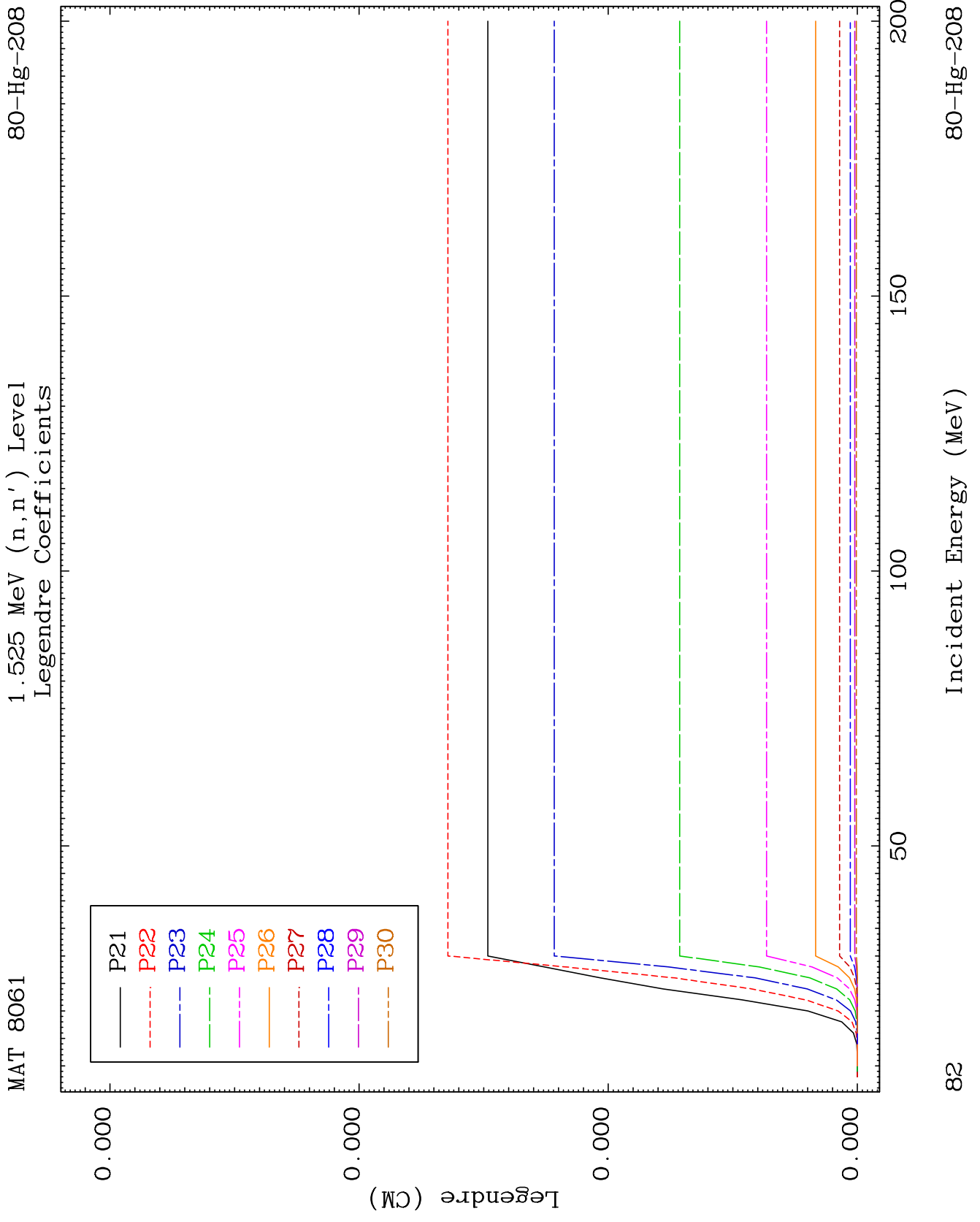


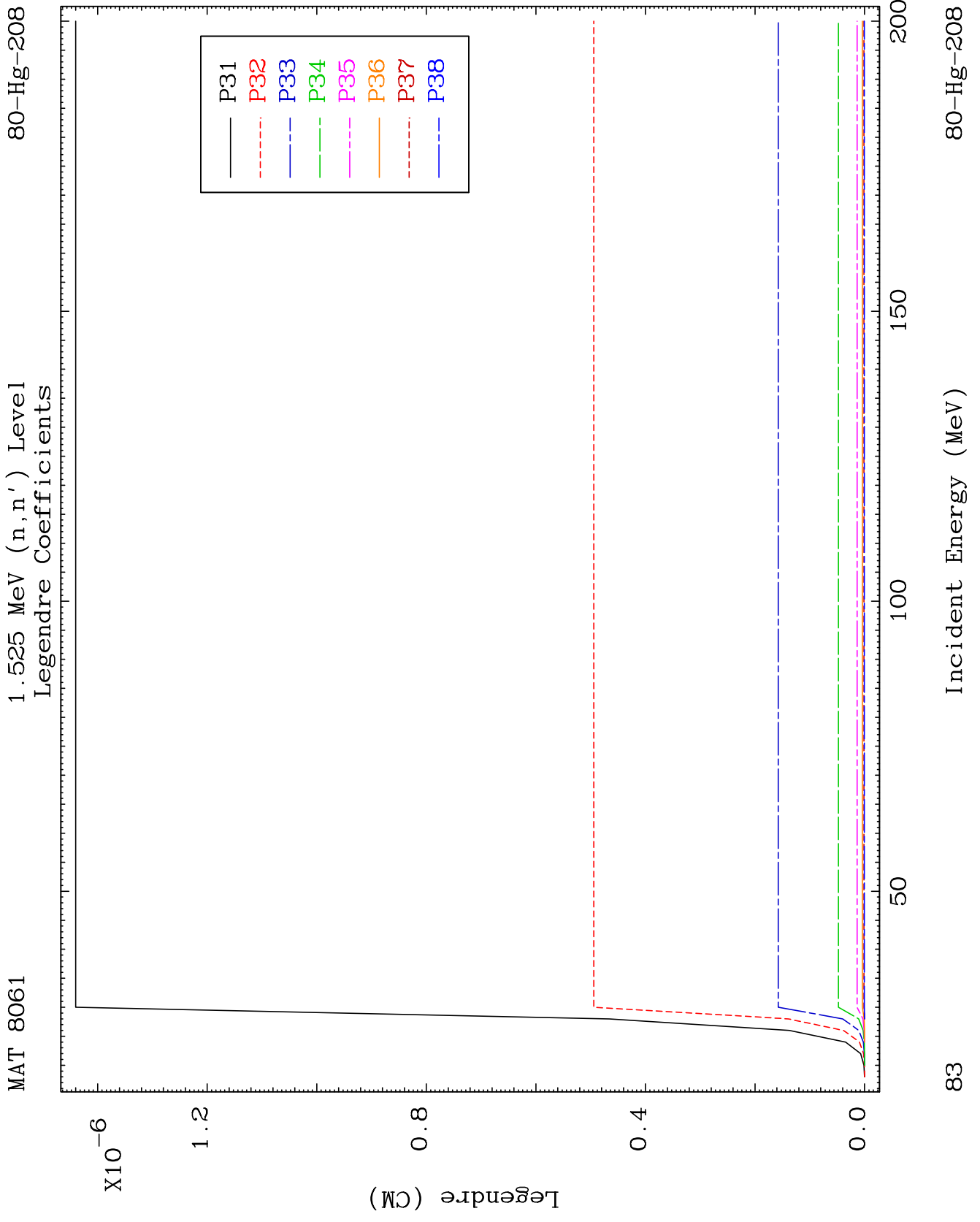


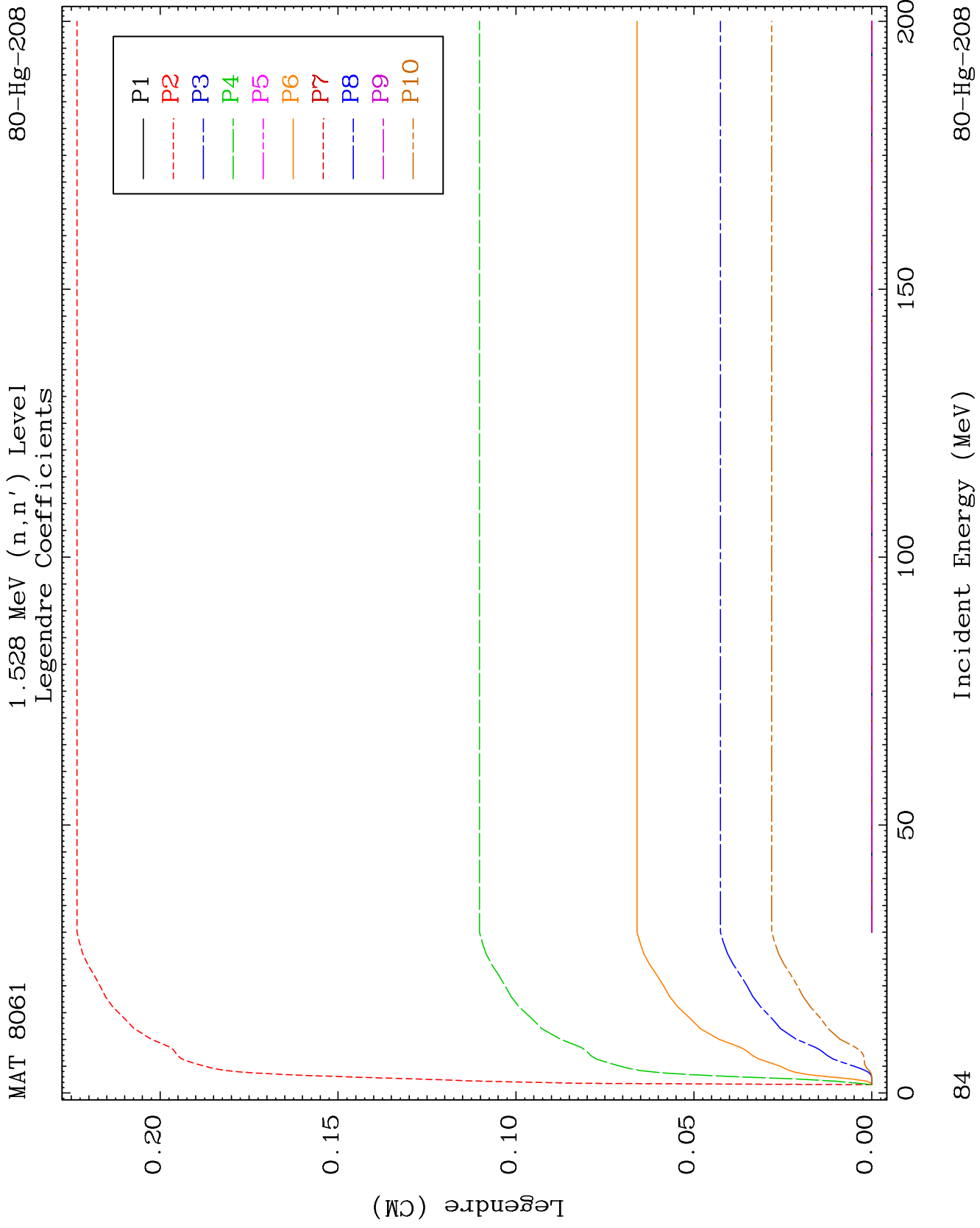


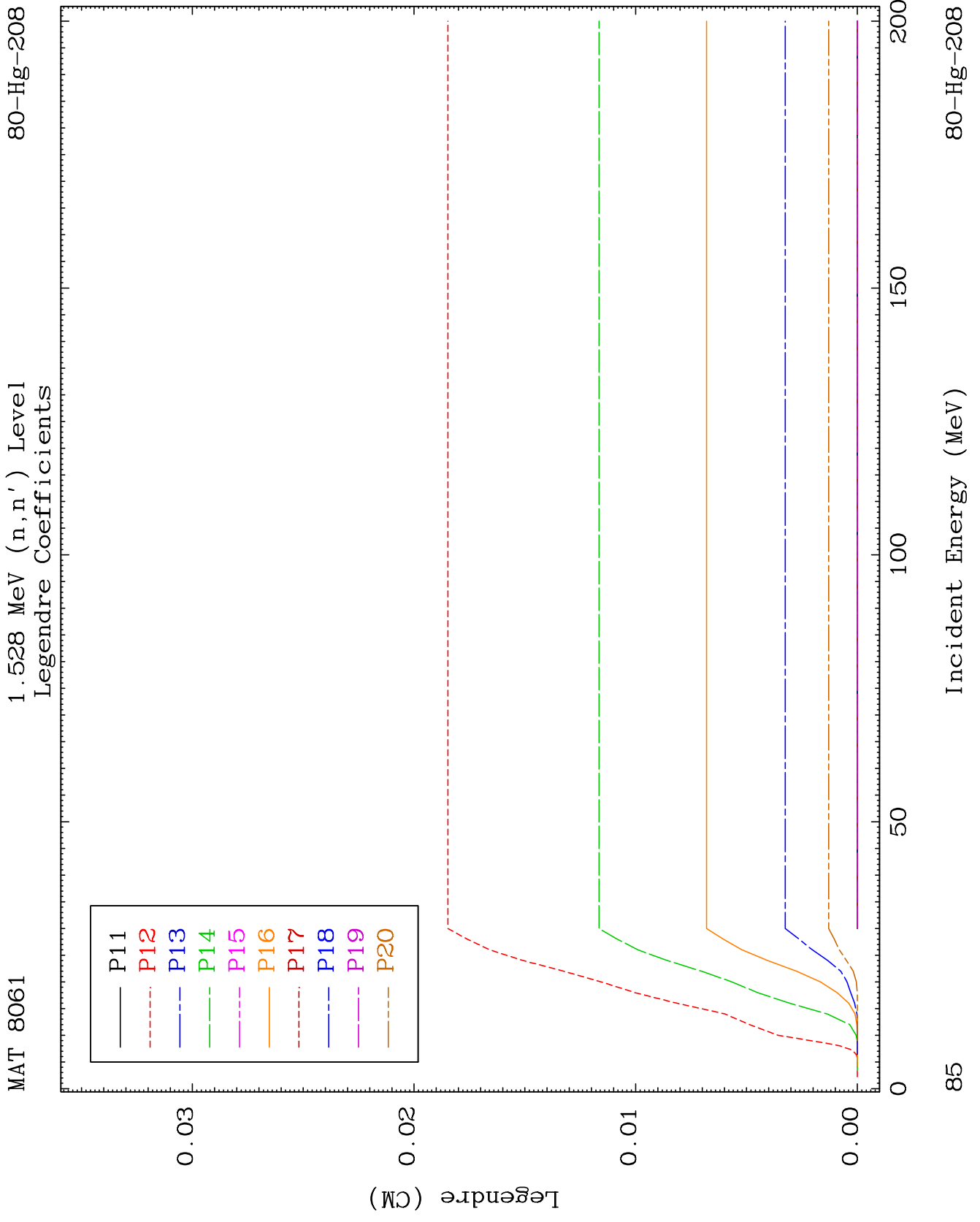


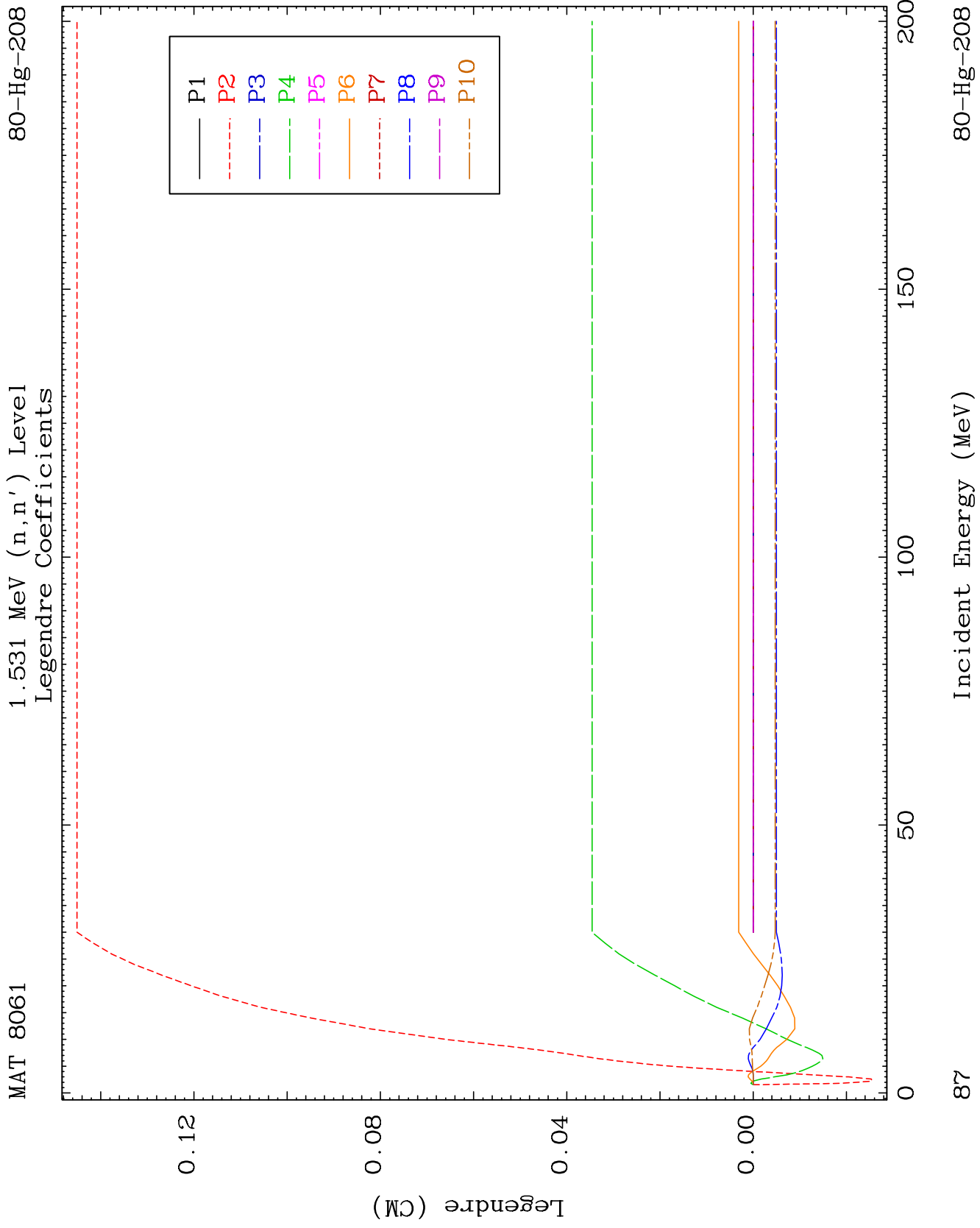


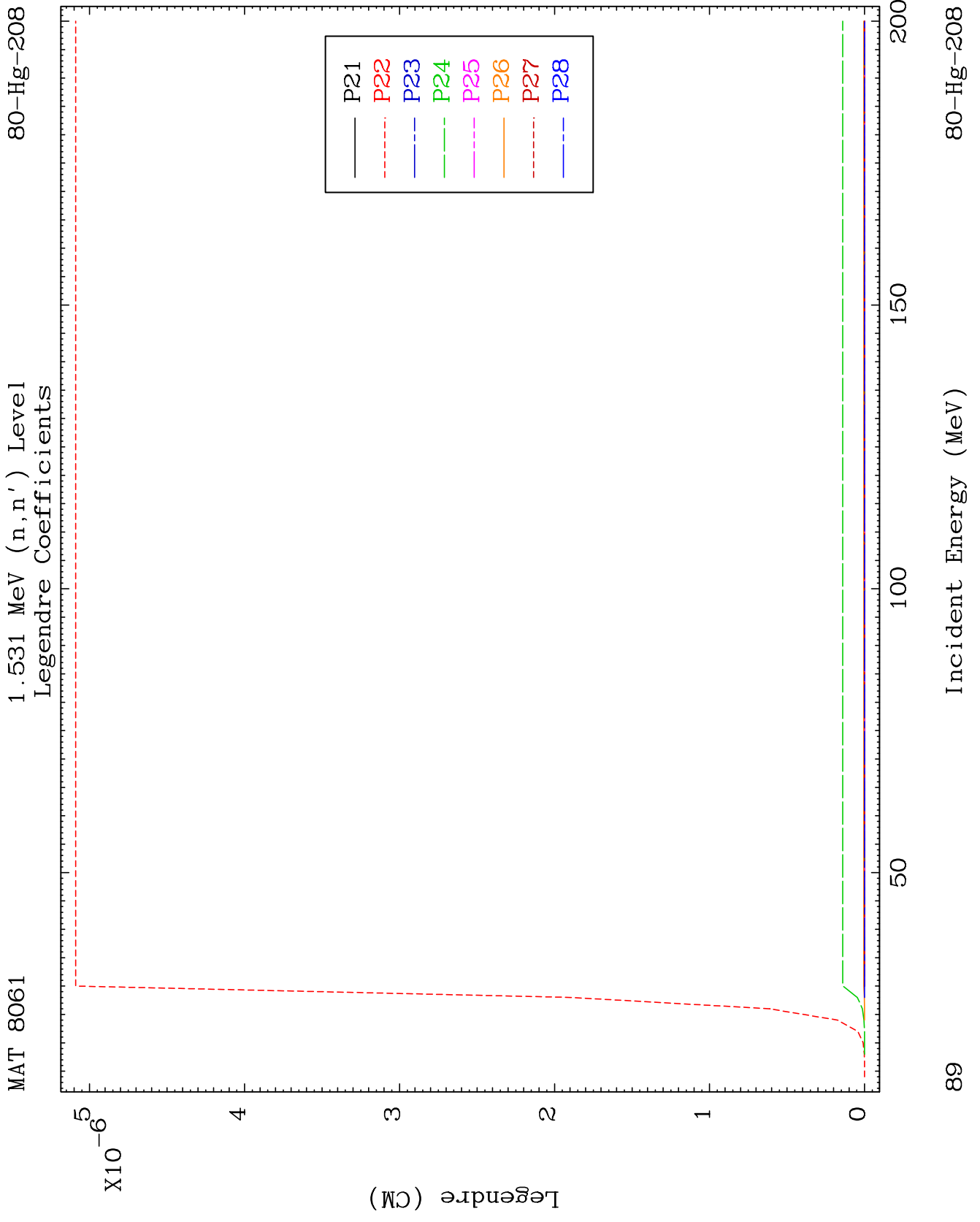


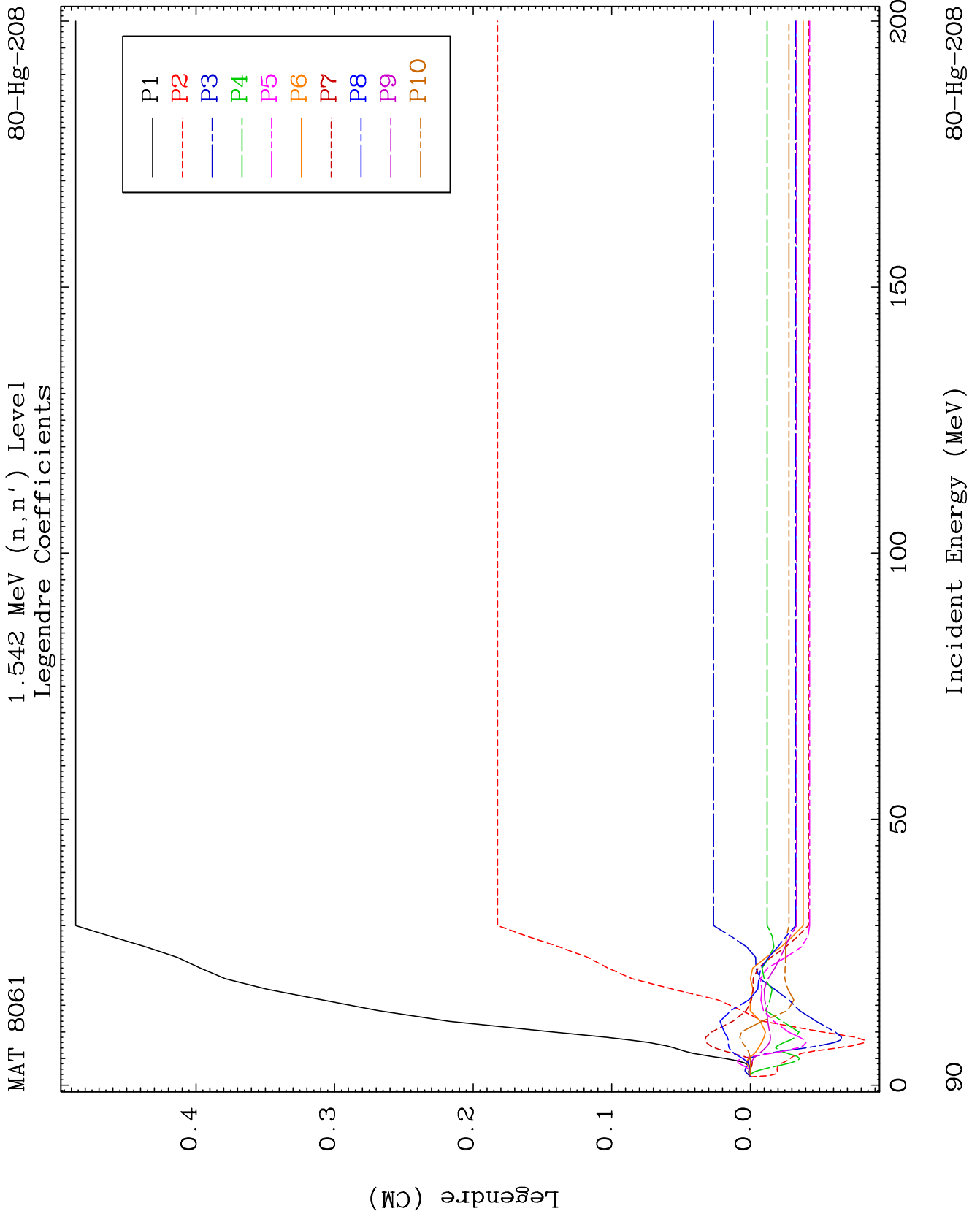


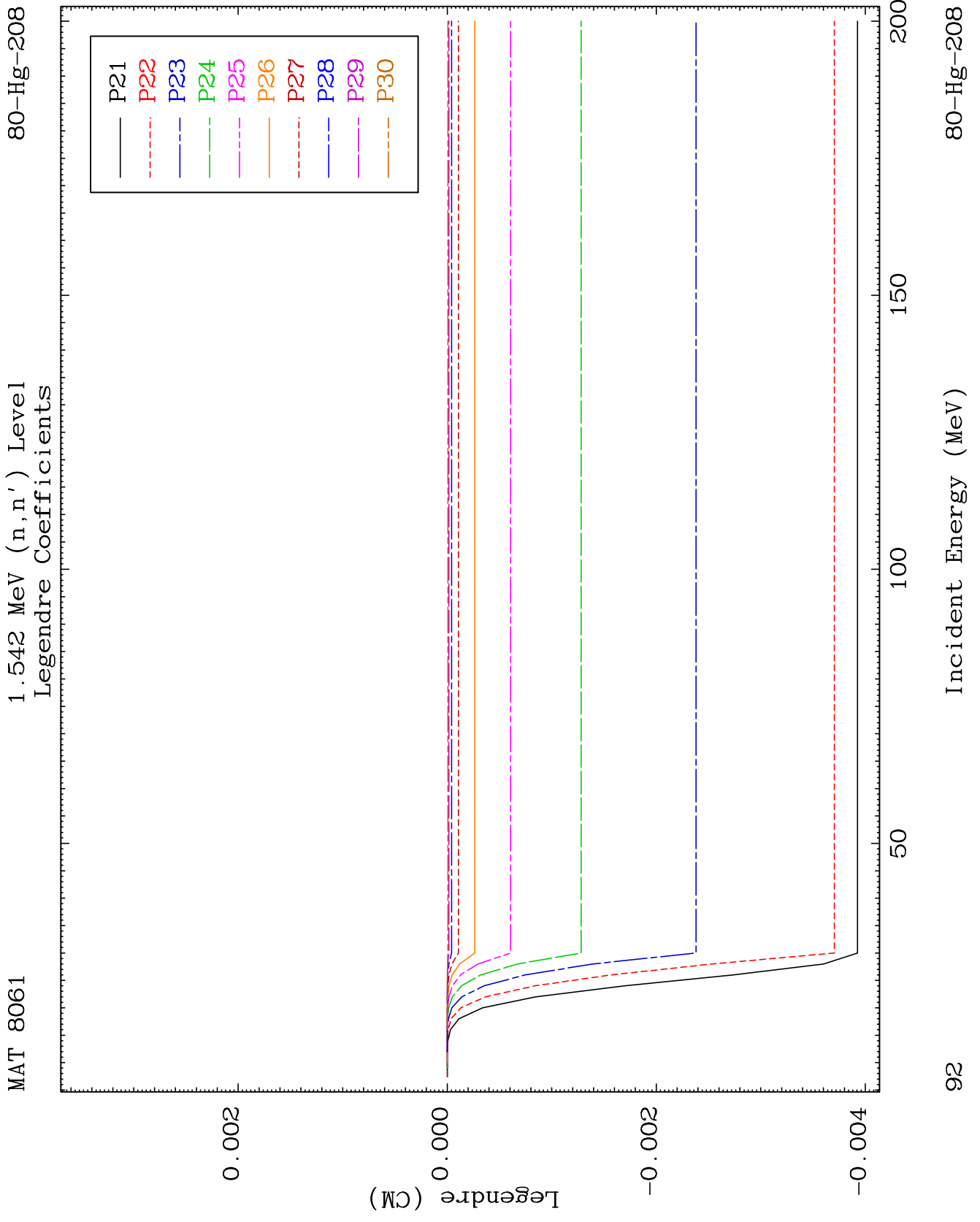


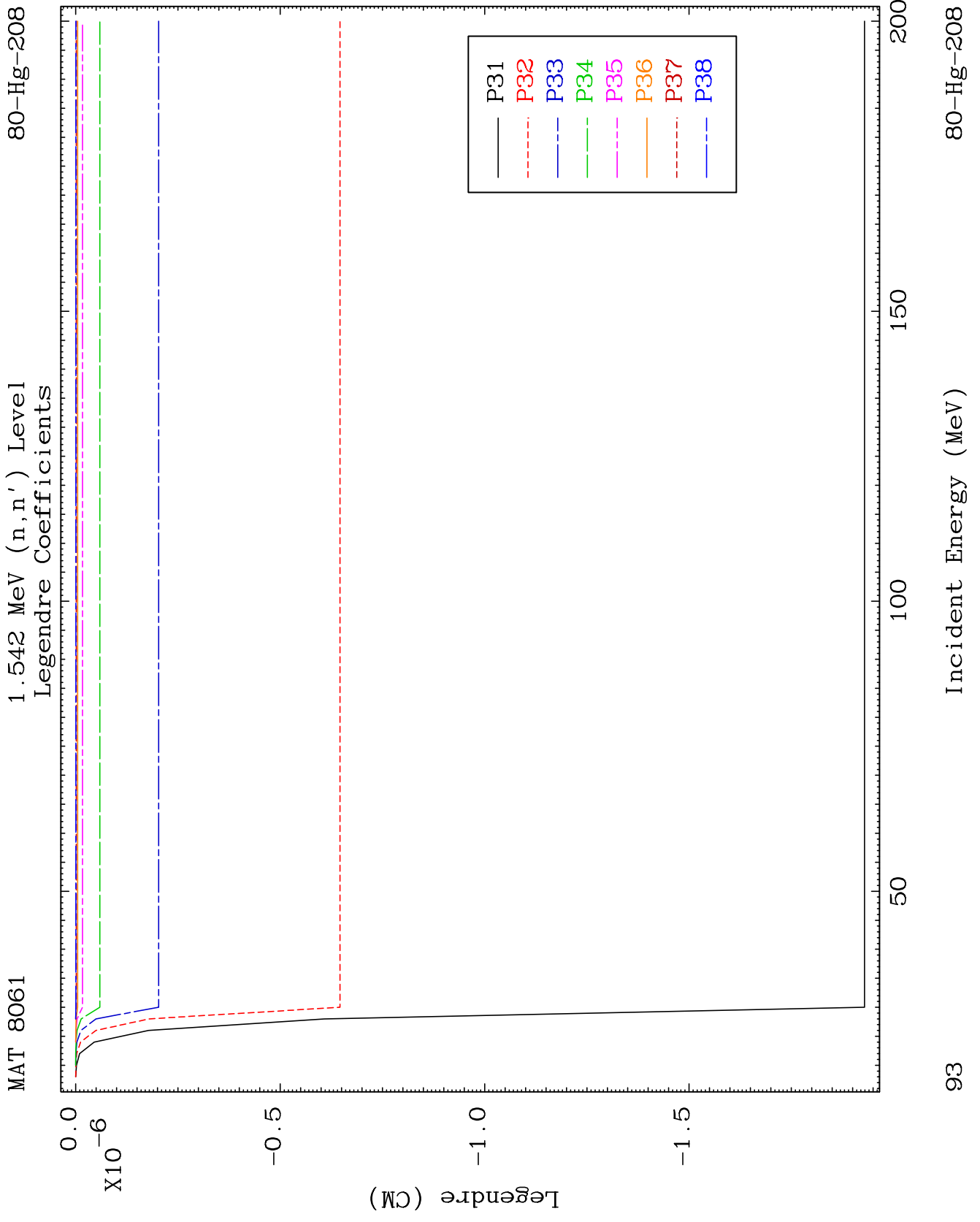








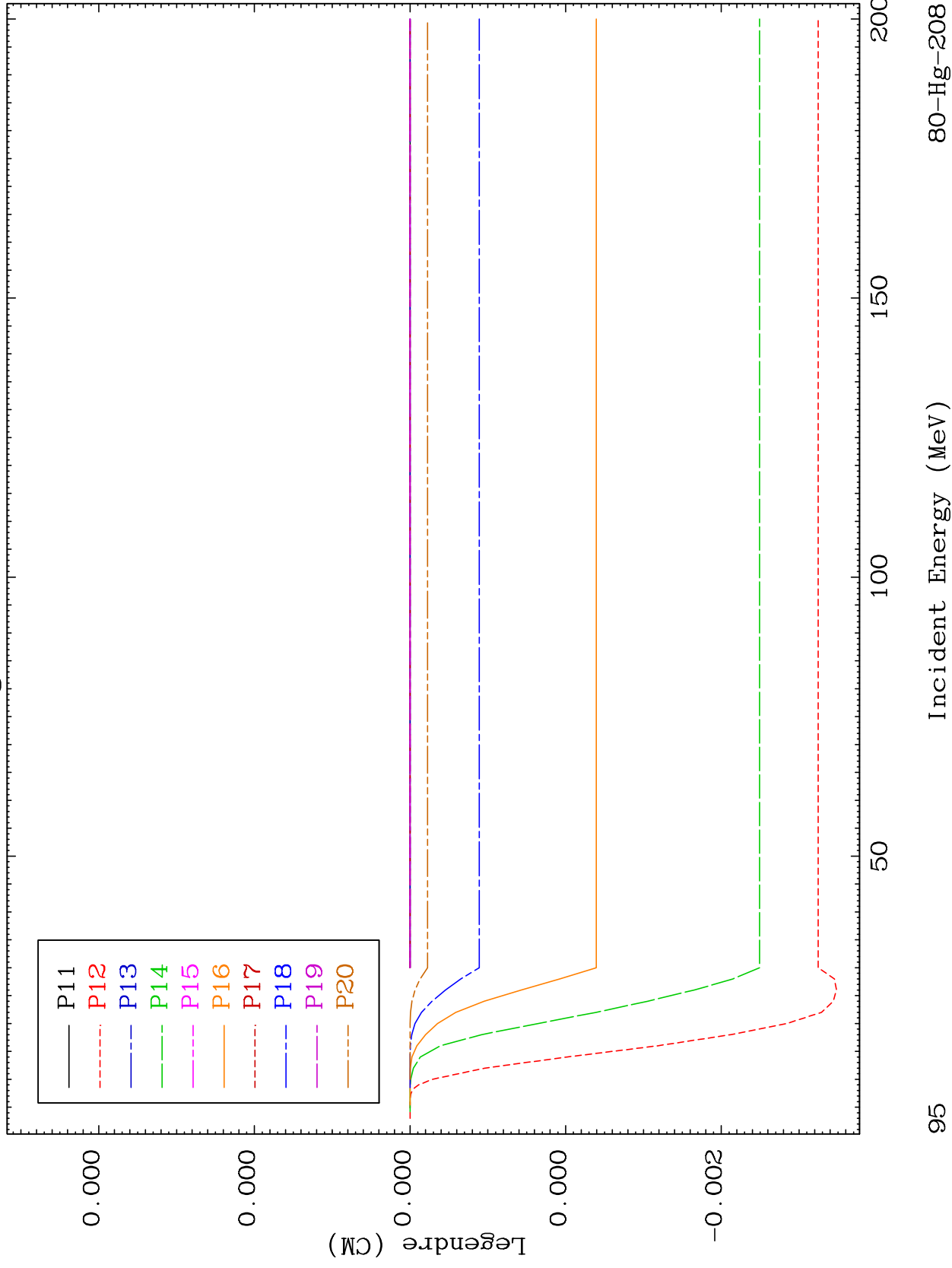




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1.547 MeV (n,n') Level
Legendre Coefficients

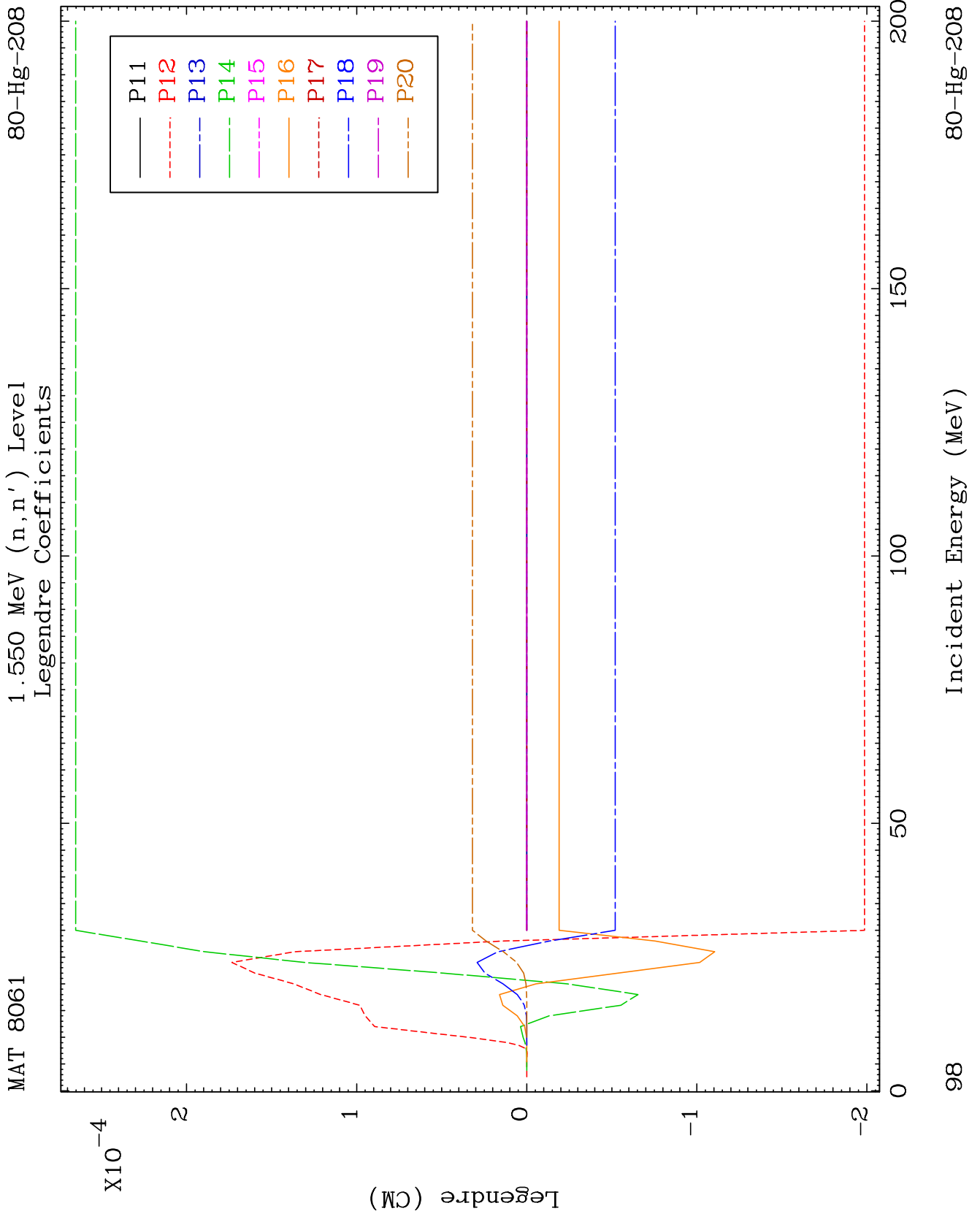
80-Hg-208

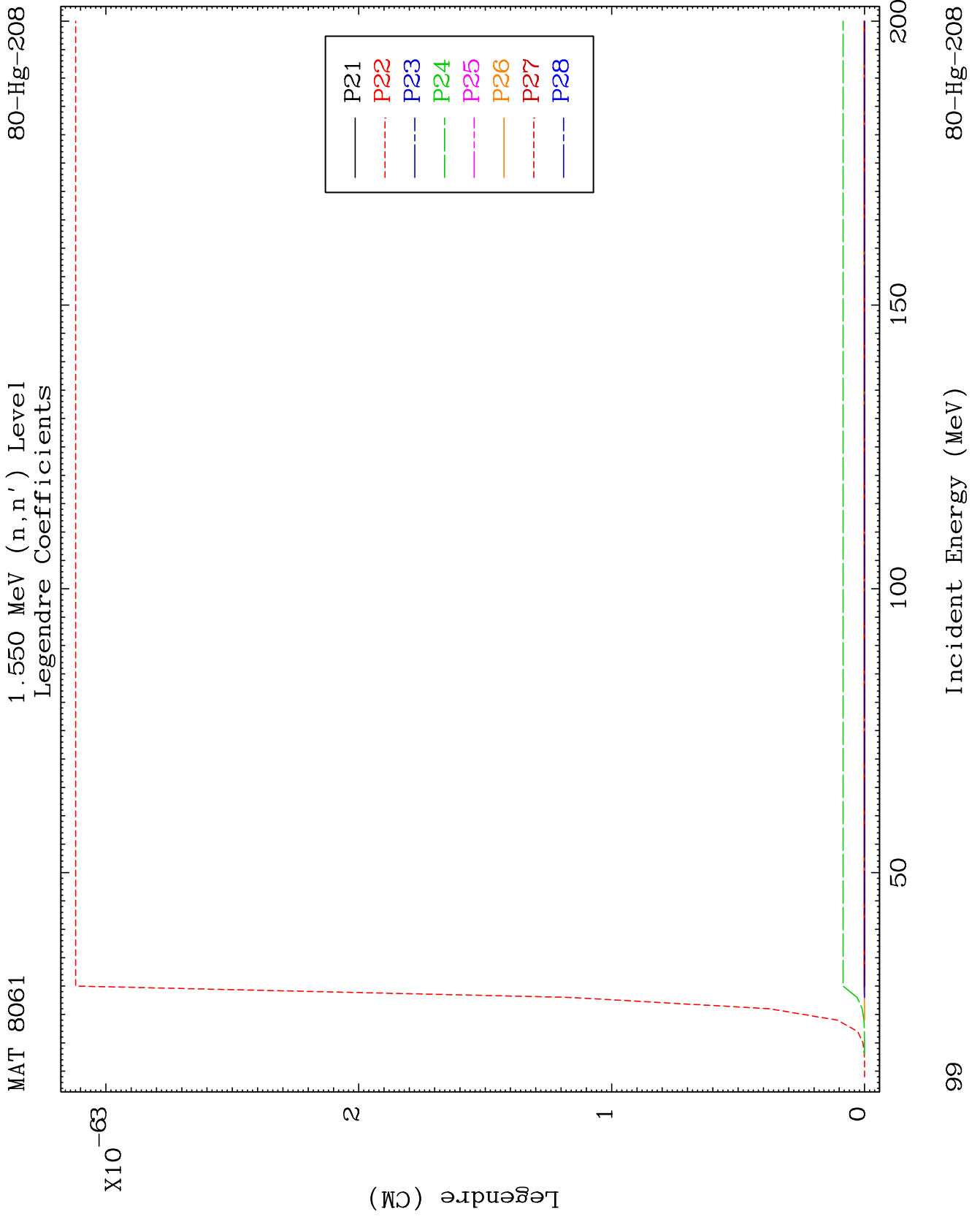


95

Incident Energy (MeV)

80-Hg-208

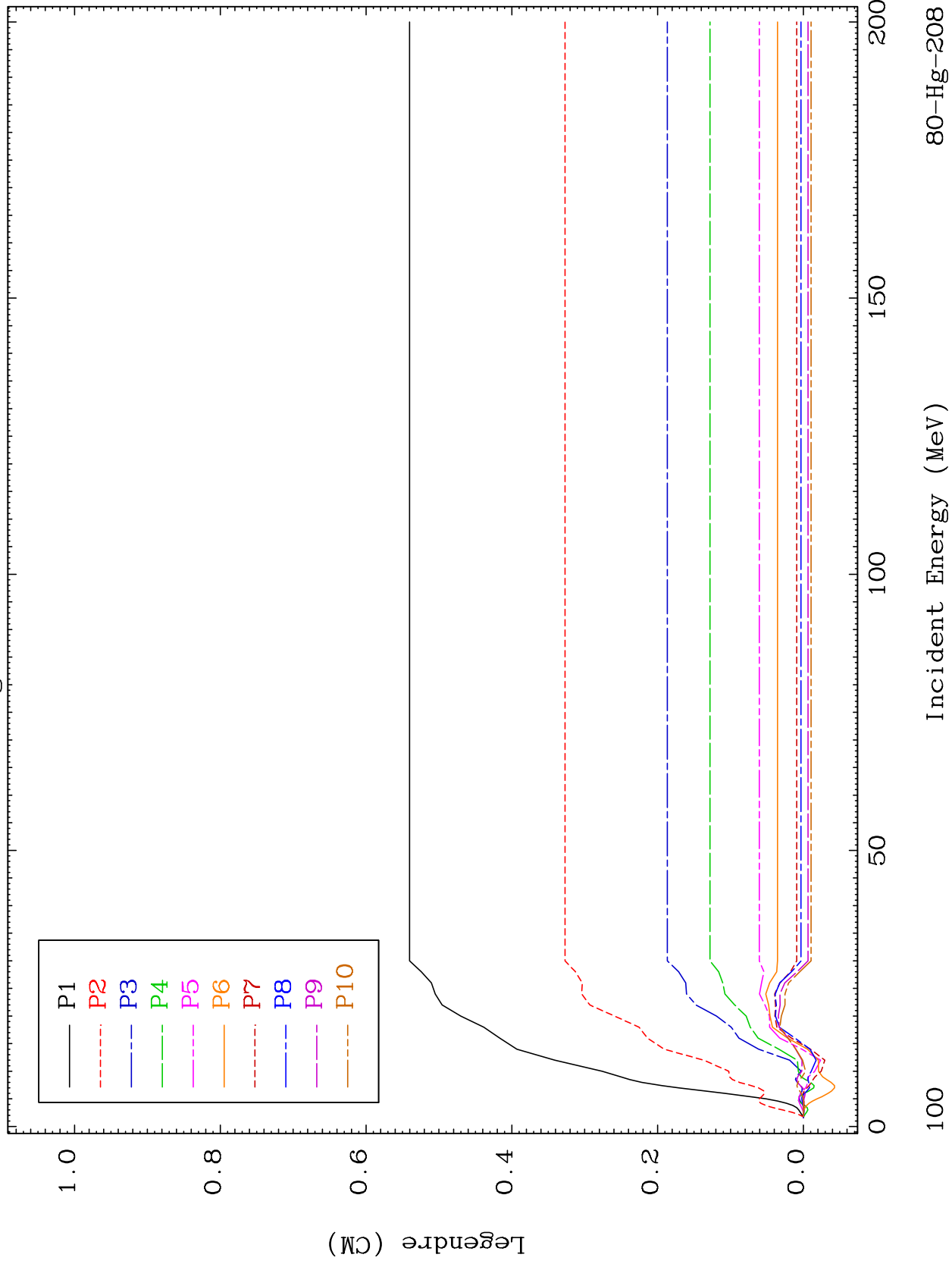




MAT 8061

1.556 MeV (n, n') Level
Legendre Coefficients

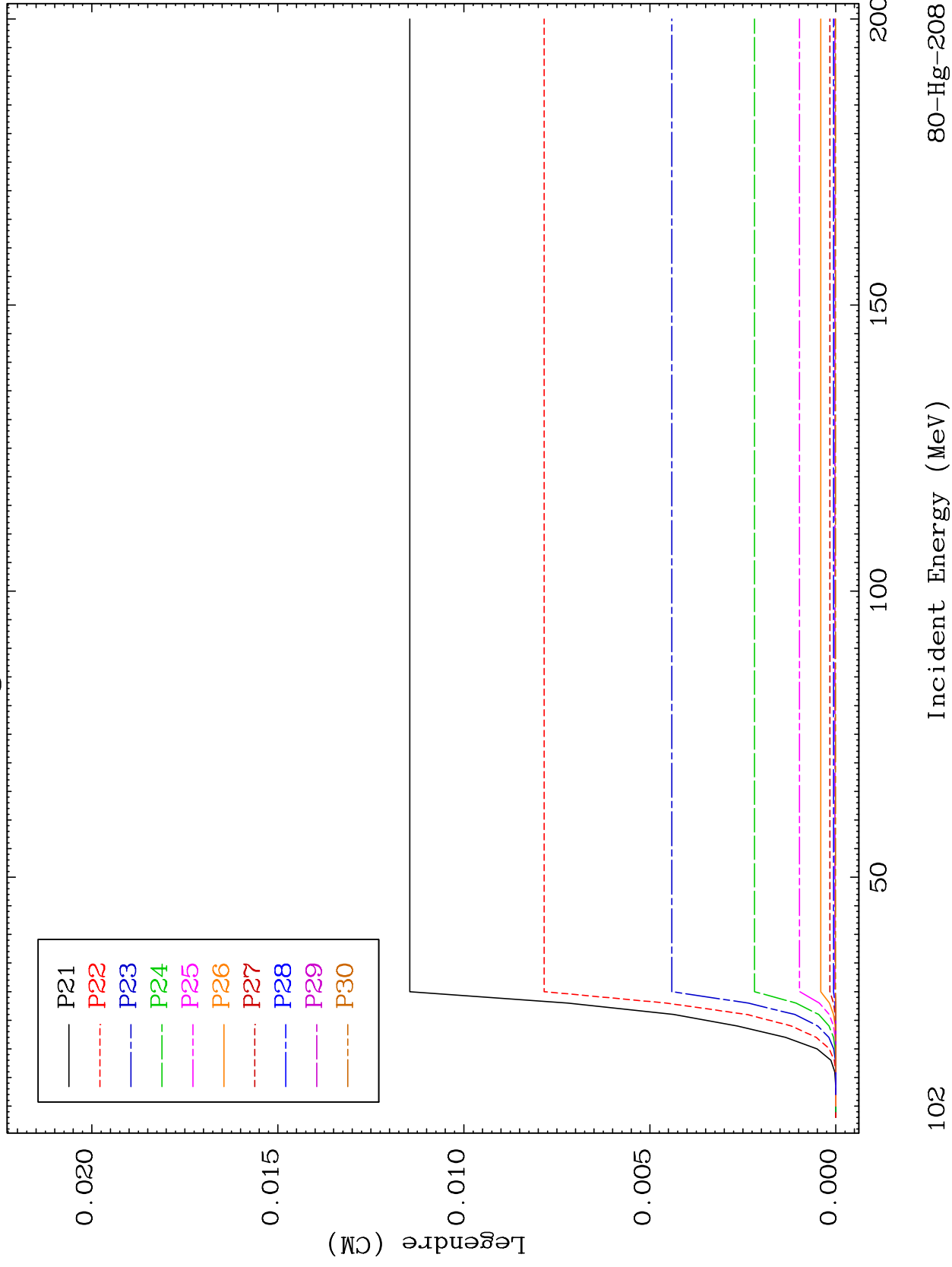
80-Hg-208



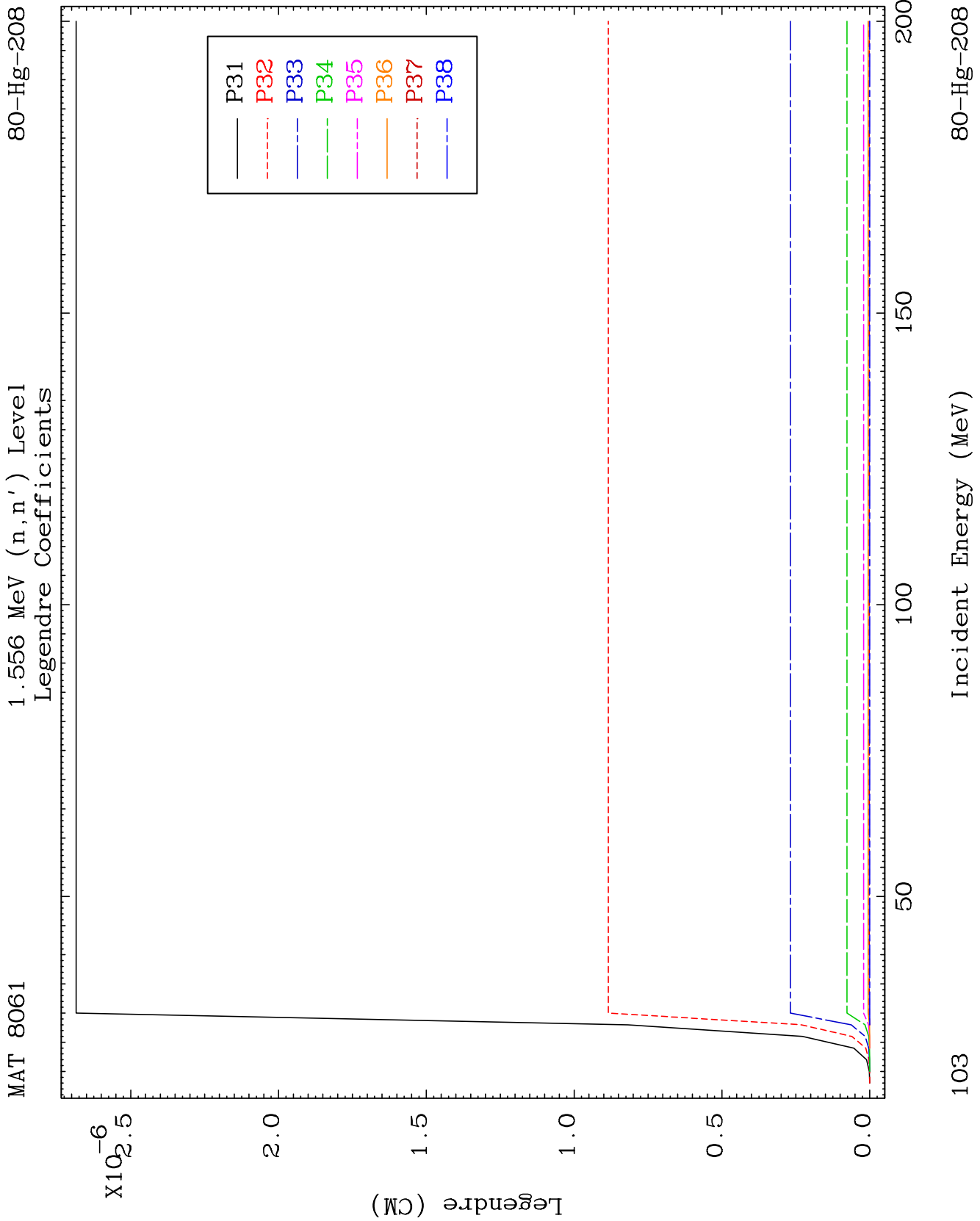
MAT 8061

1.556 MeV (n,n') Level
Legendre Coefficients

80-Hg-208



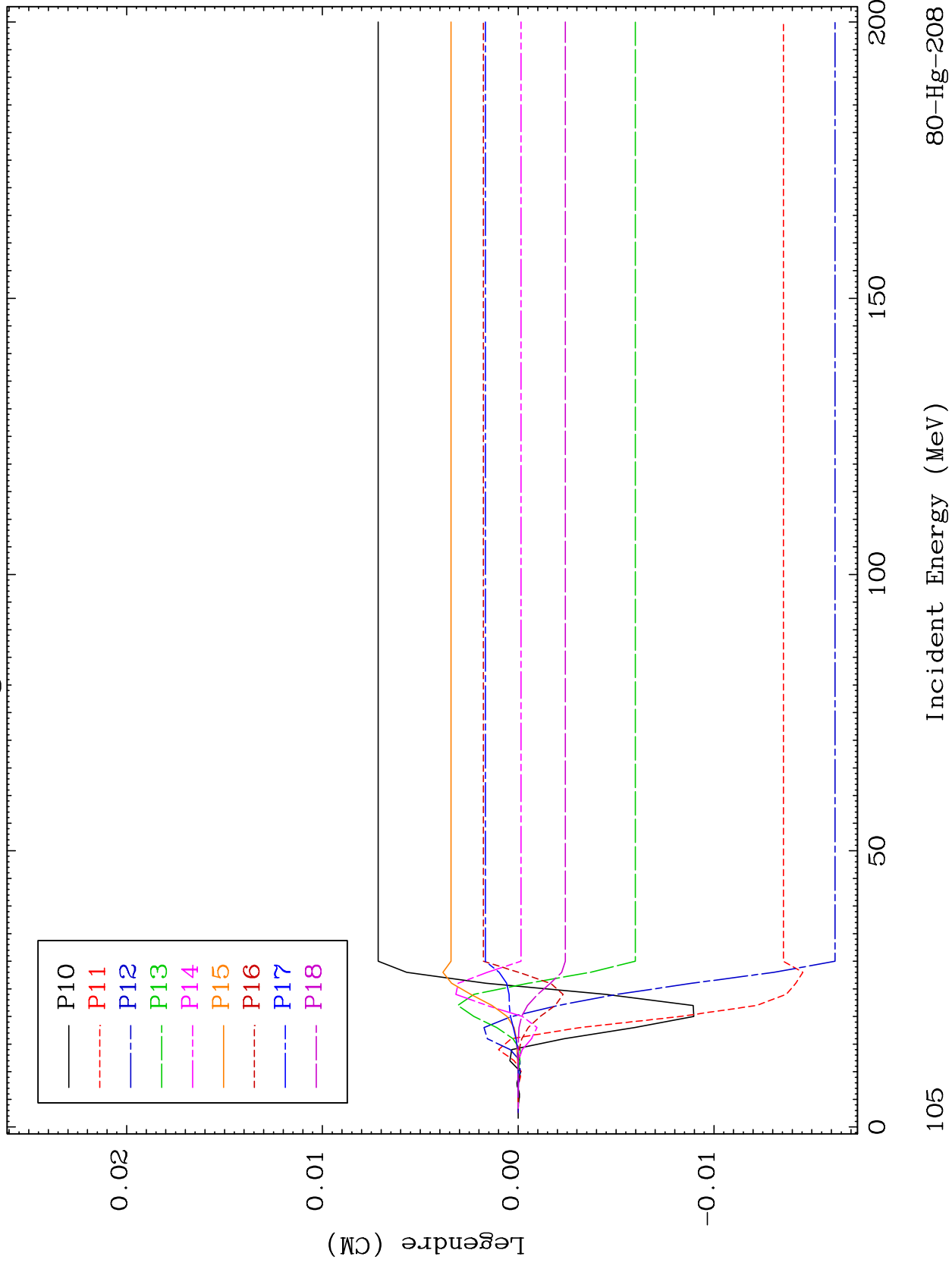
102



MAT 8061

1.571 MeV (n,n') Level
Legendre Coefficients

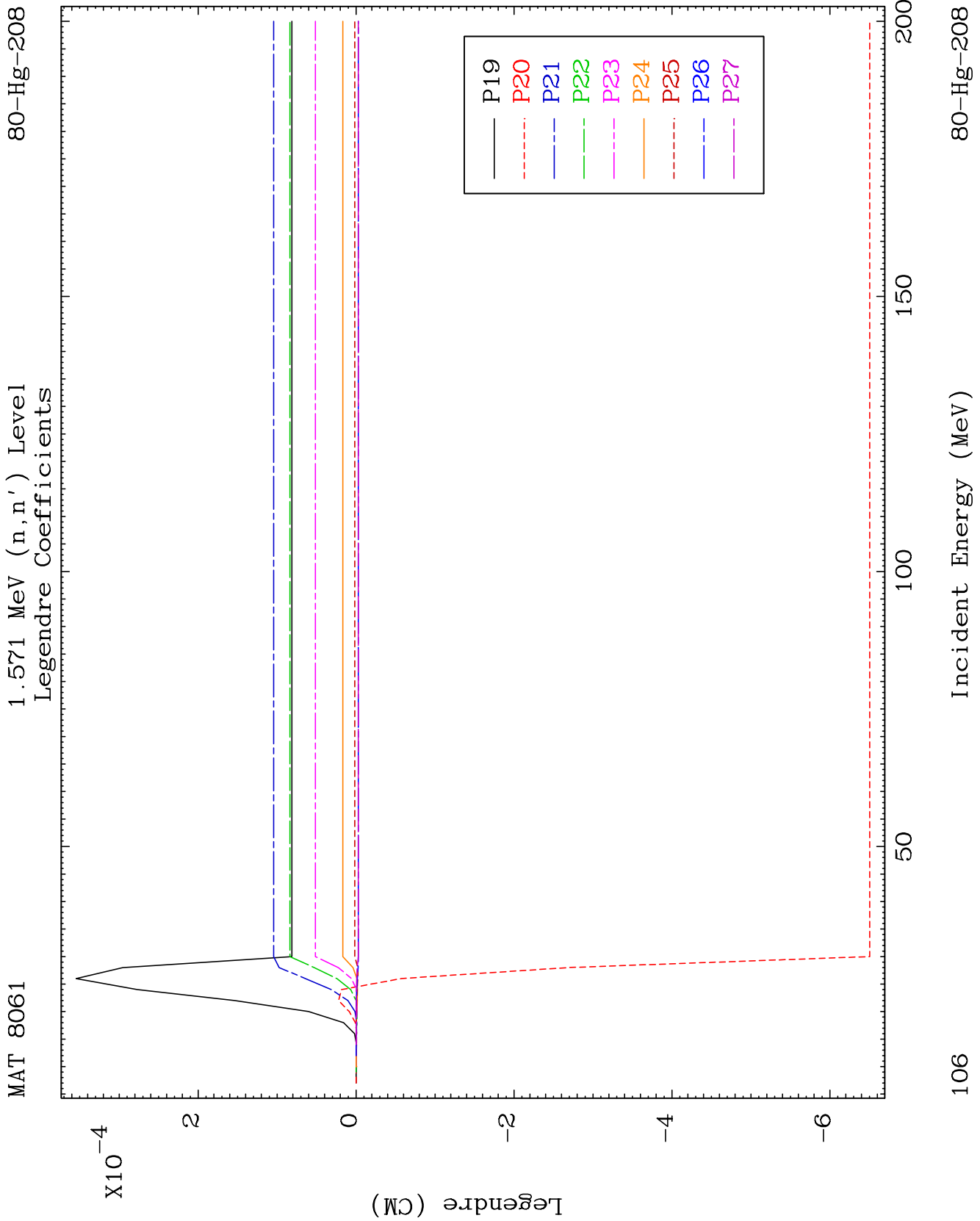
80-Hg-208

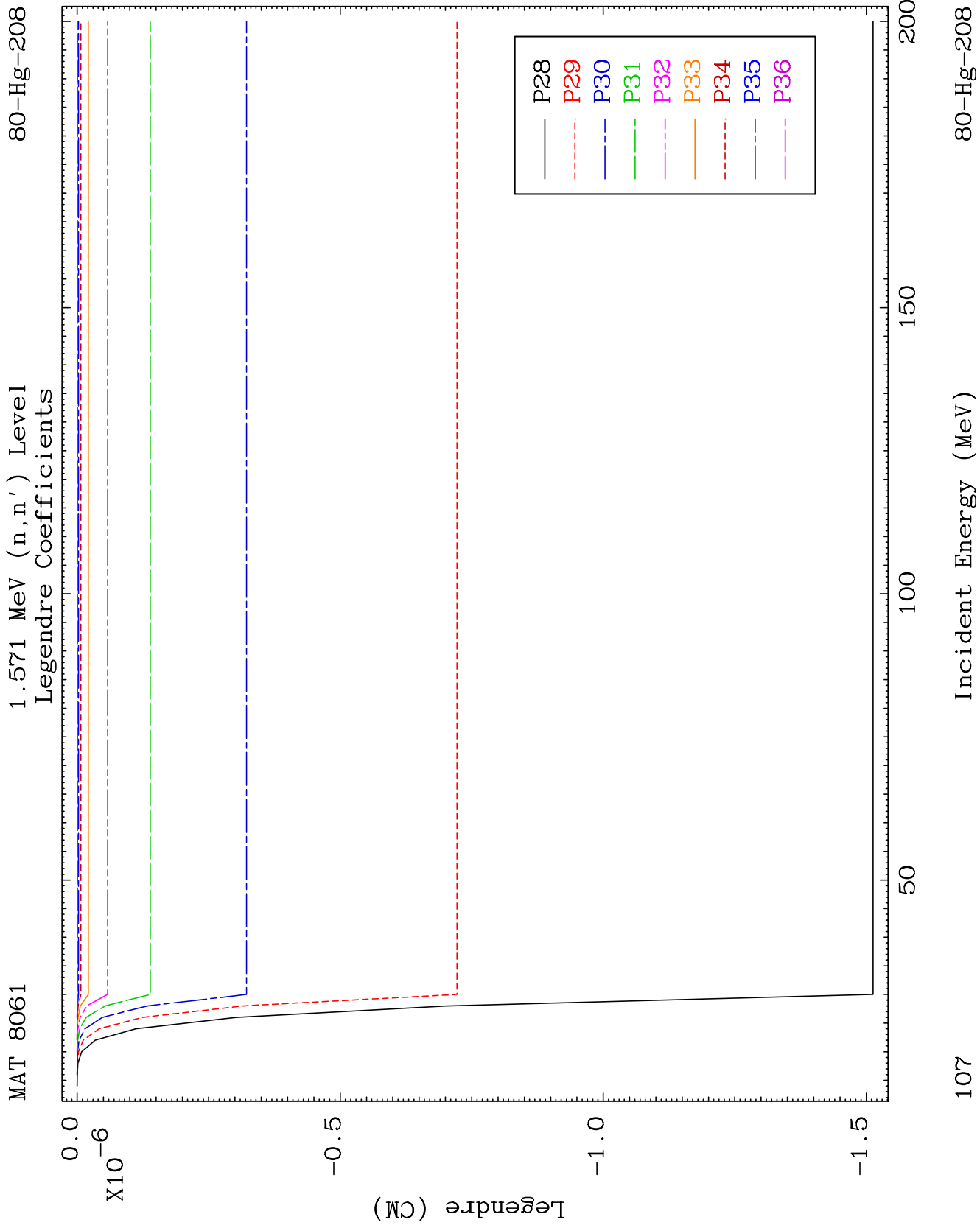


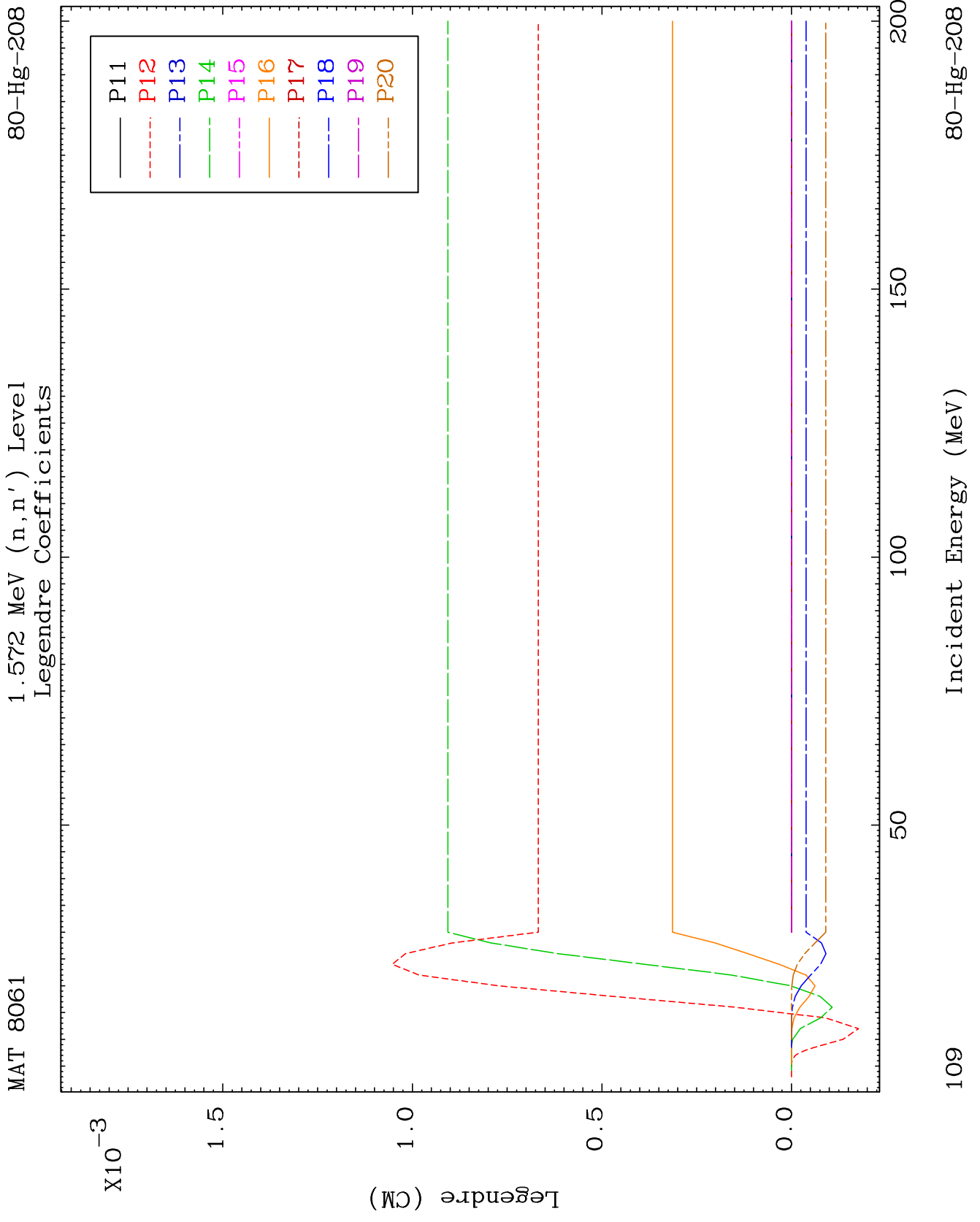
80-Hg-208

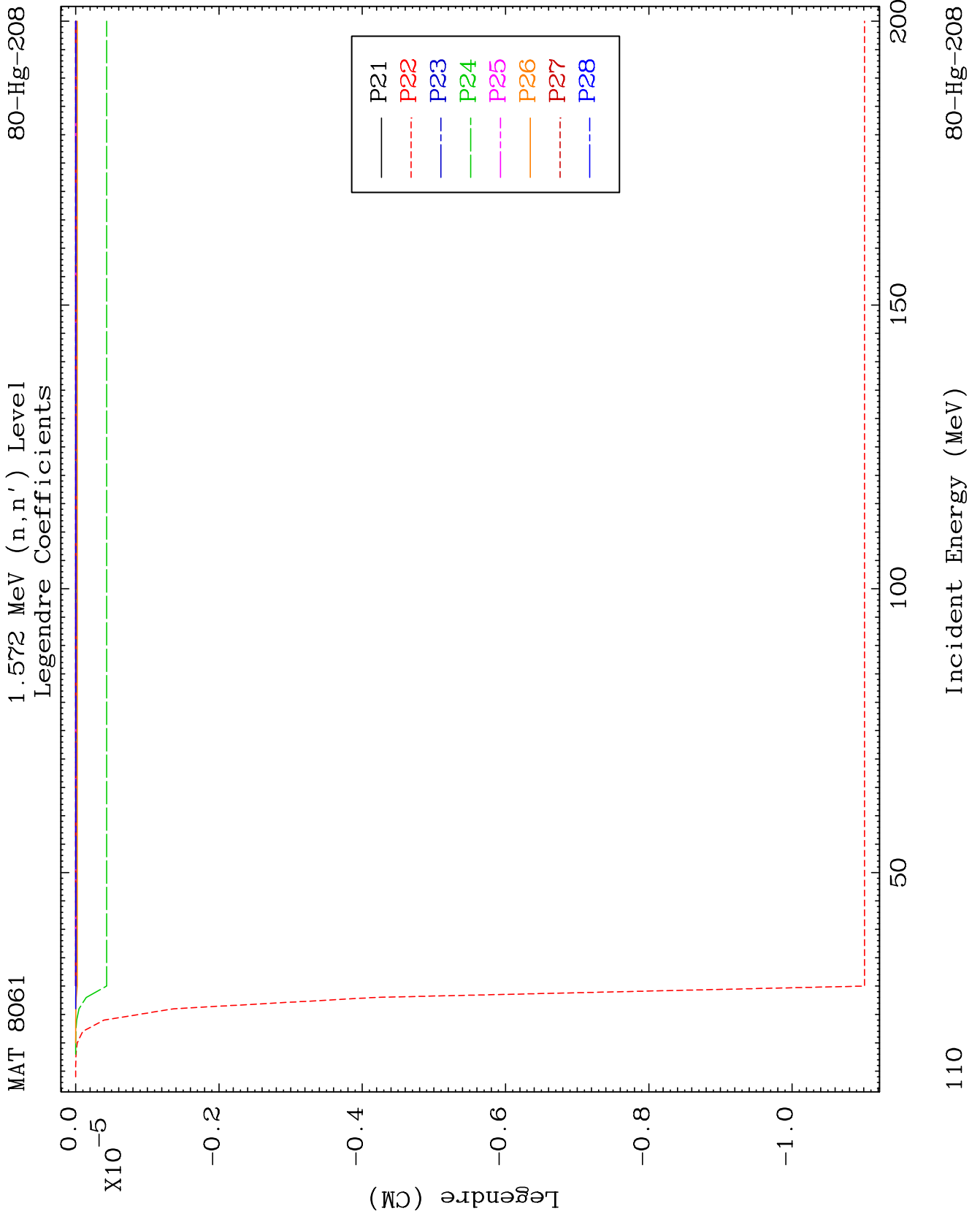
Incident Energy (MeV)

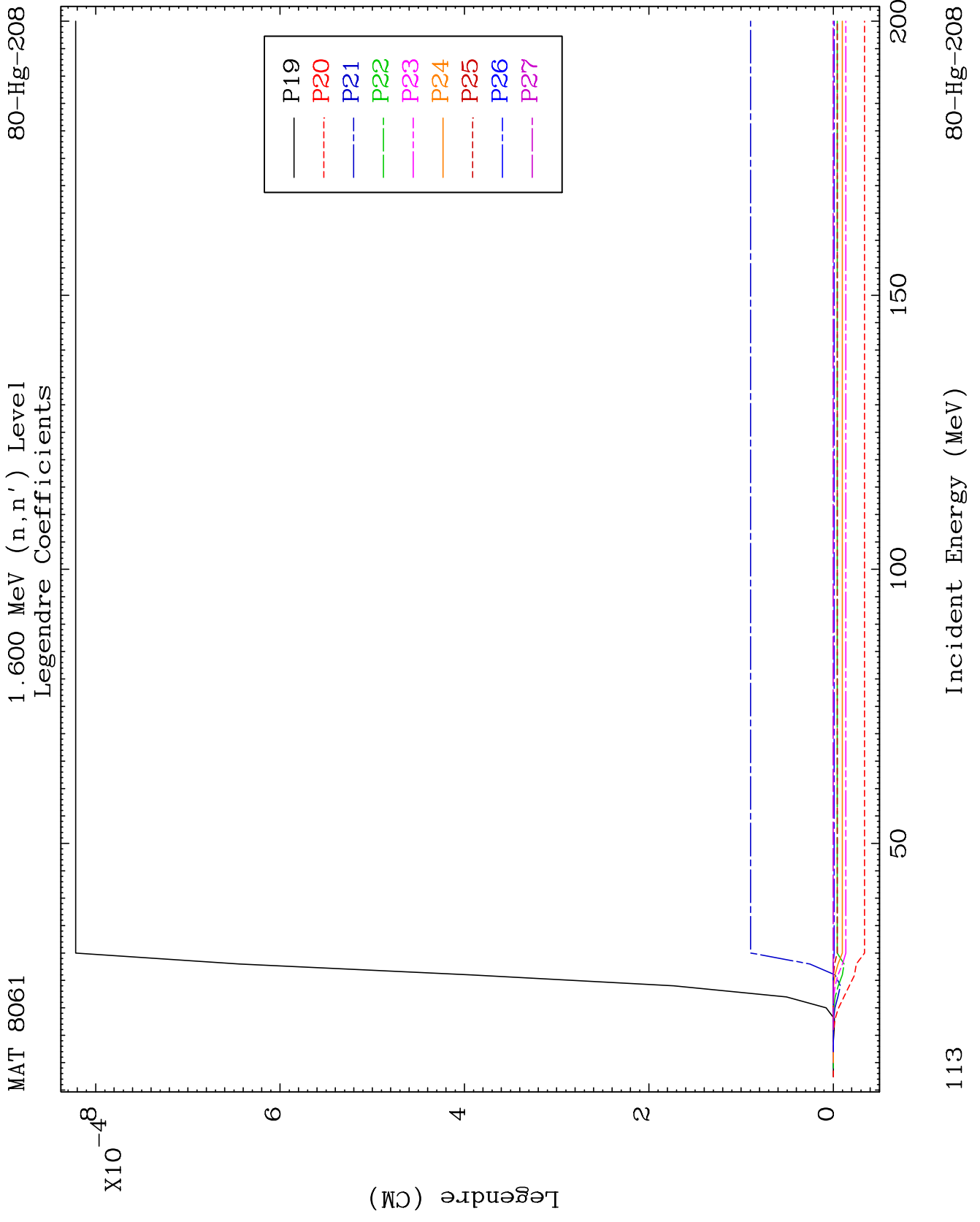
105

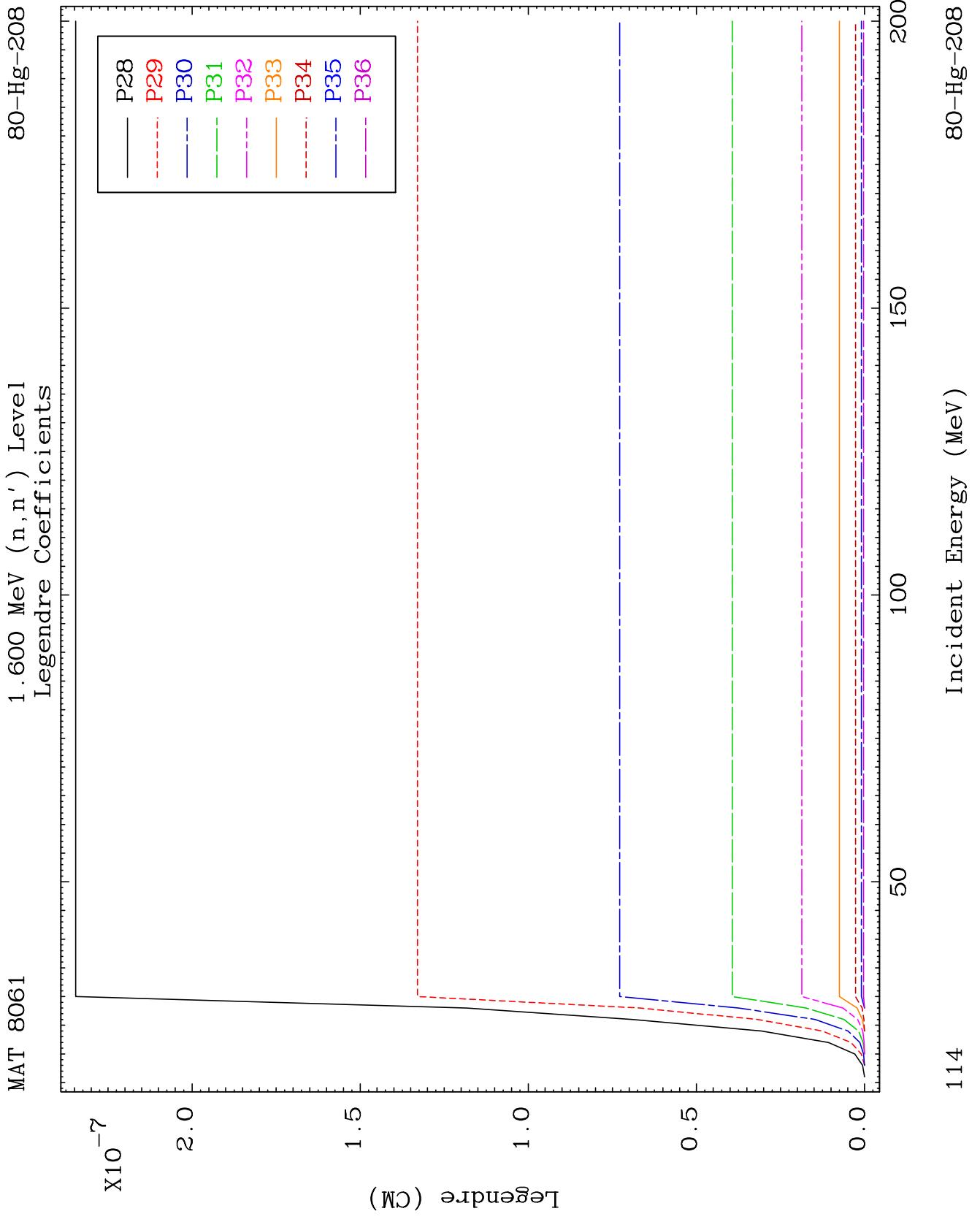


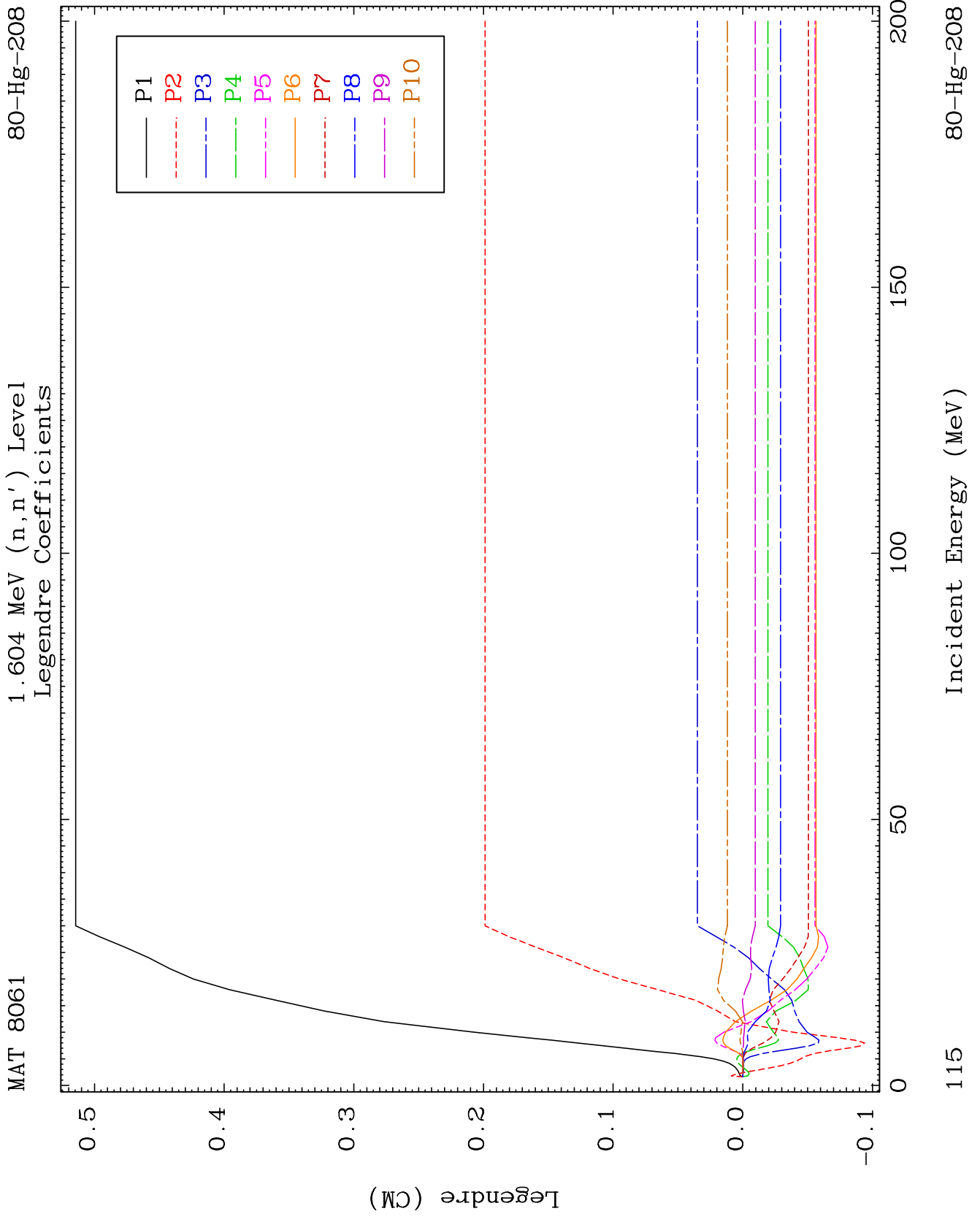


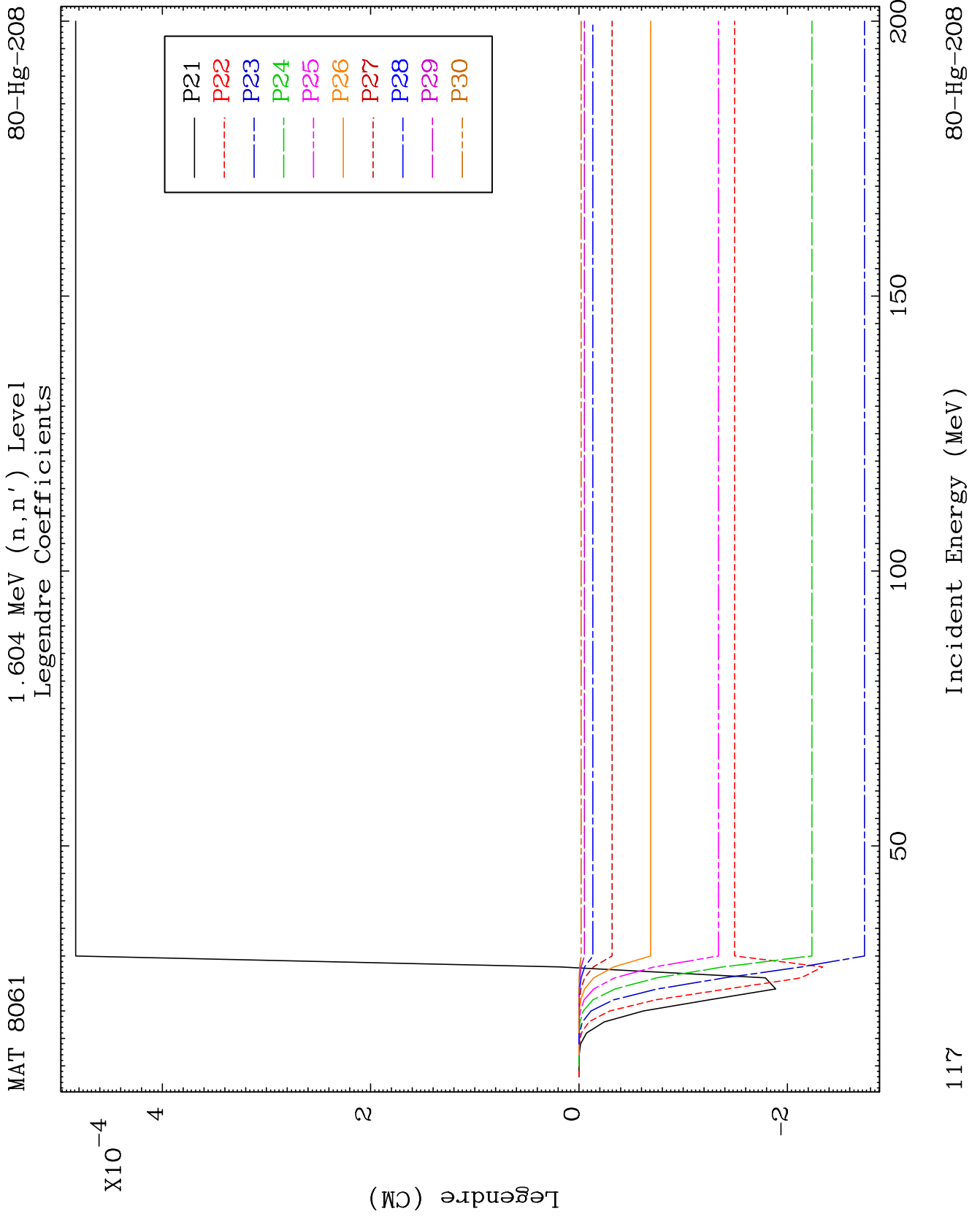


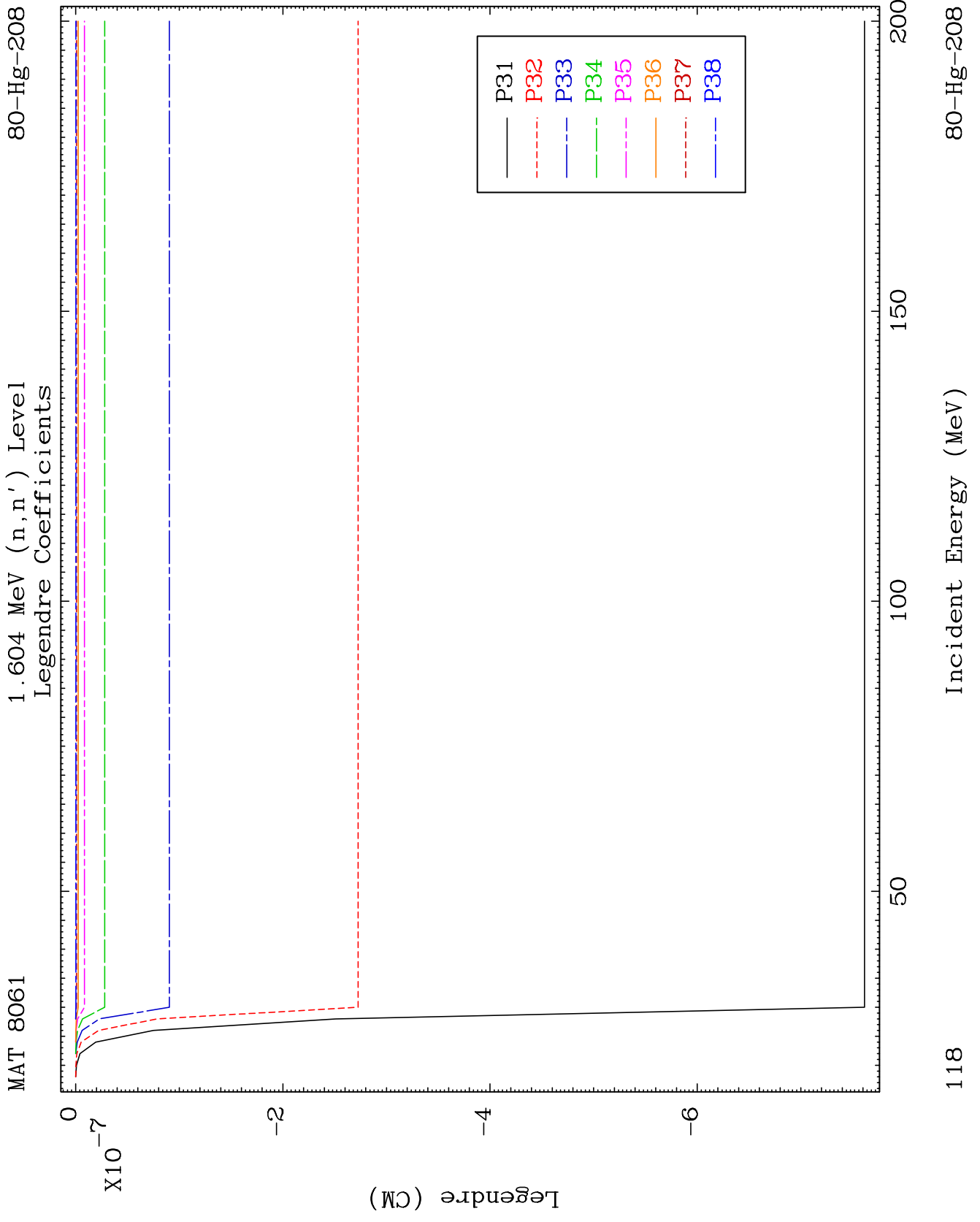


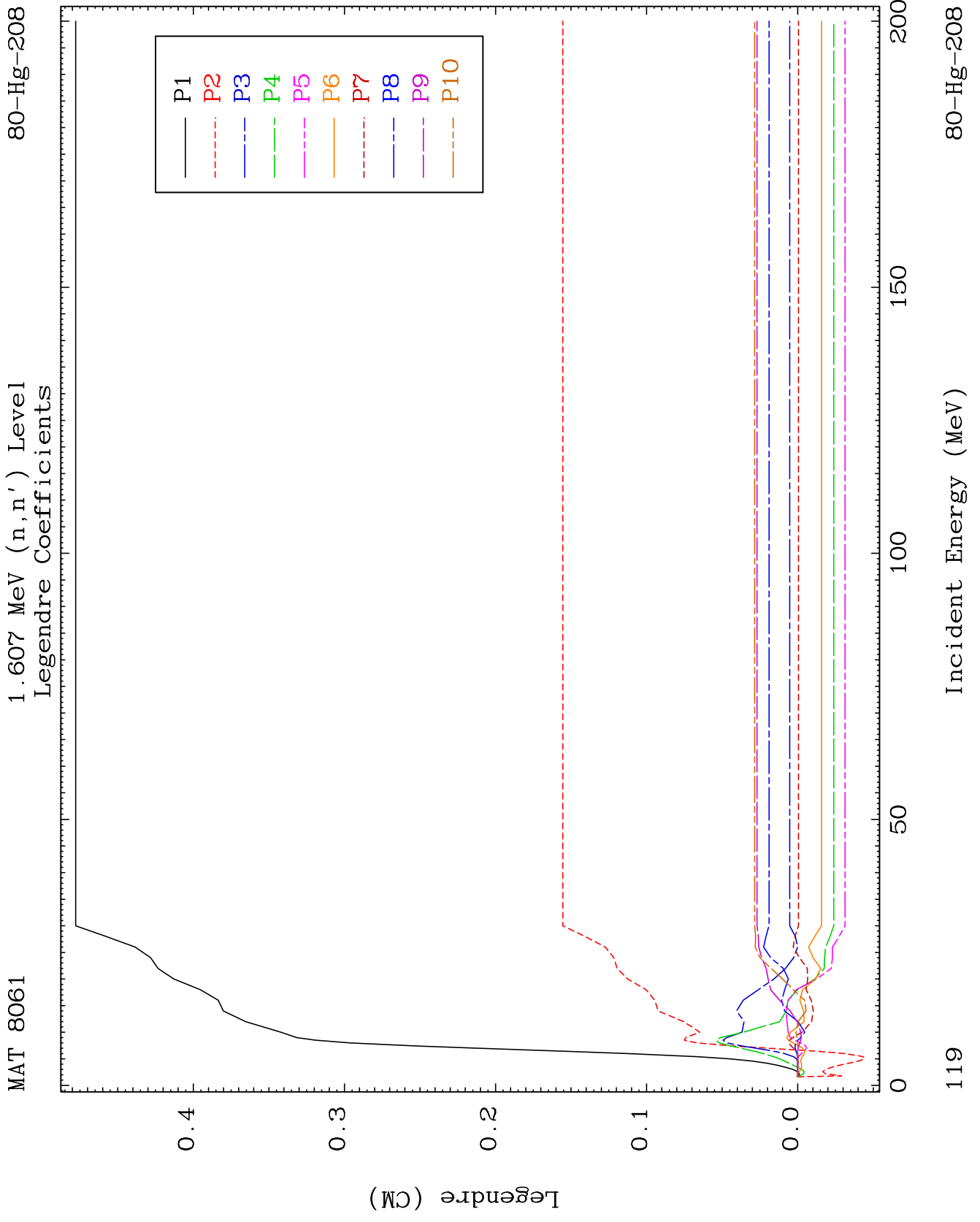


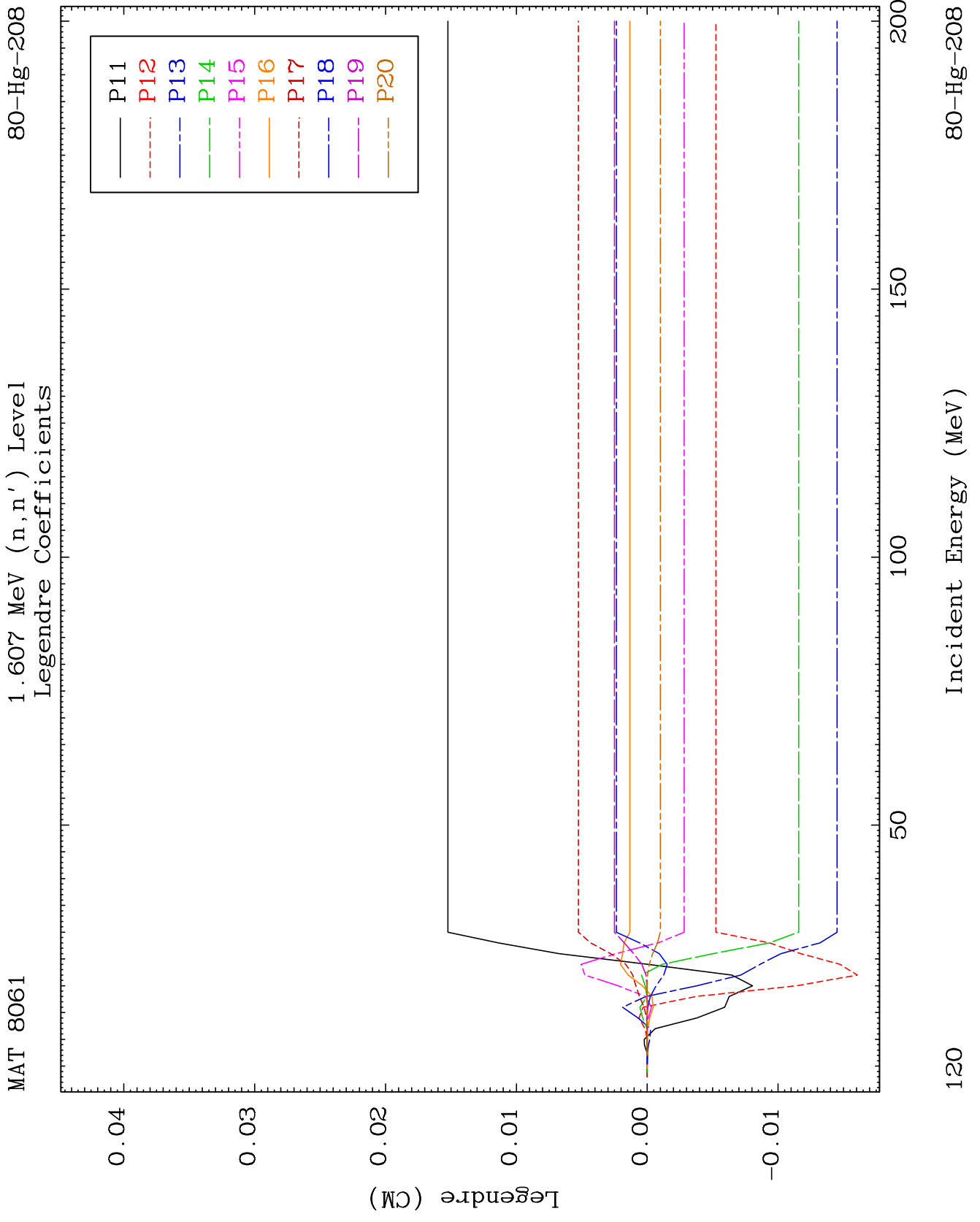


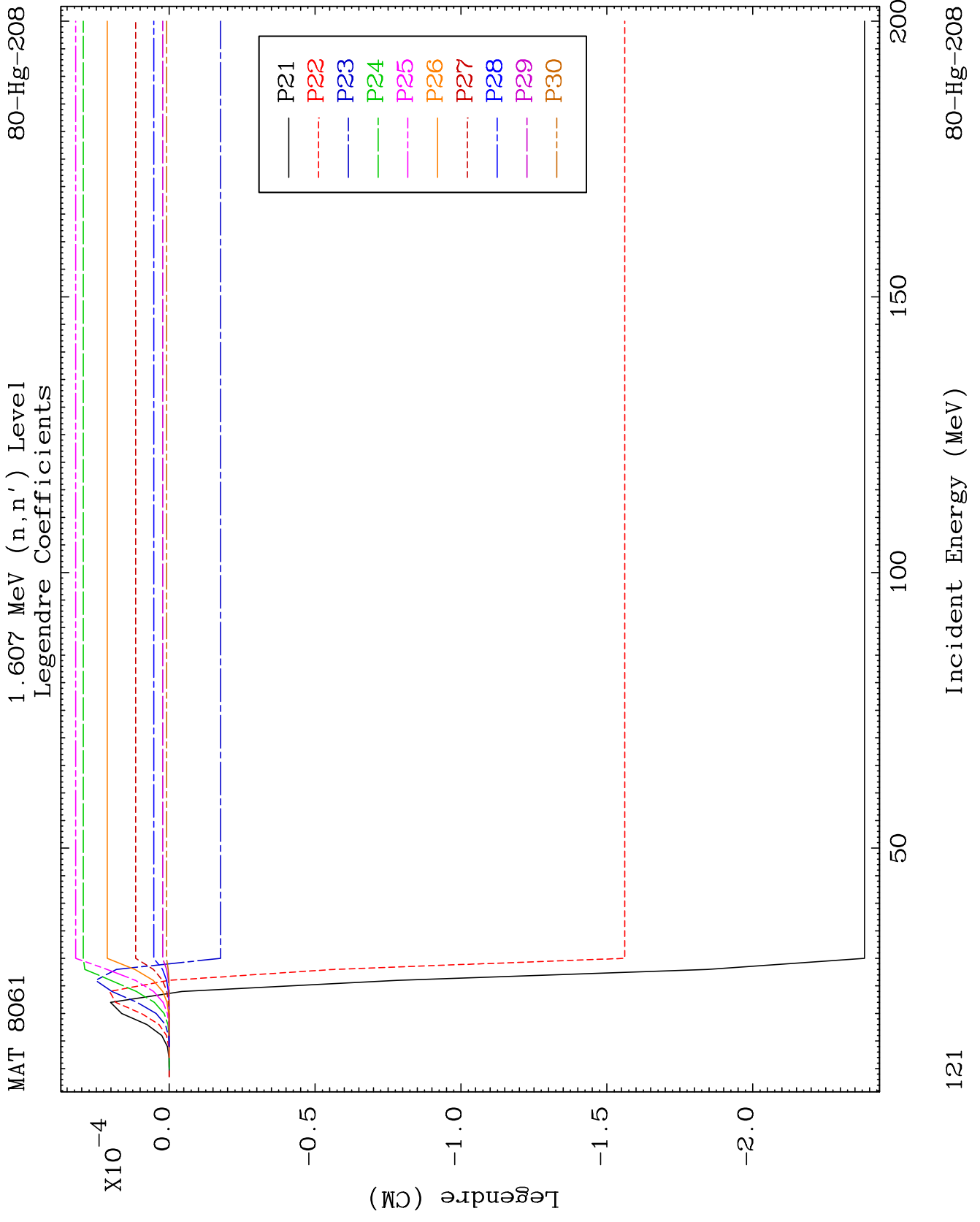


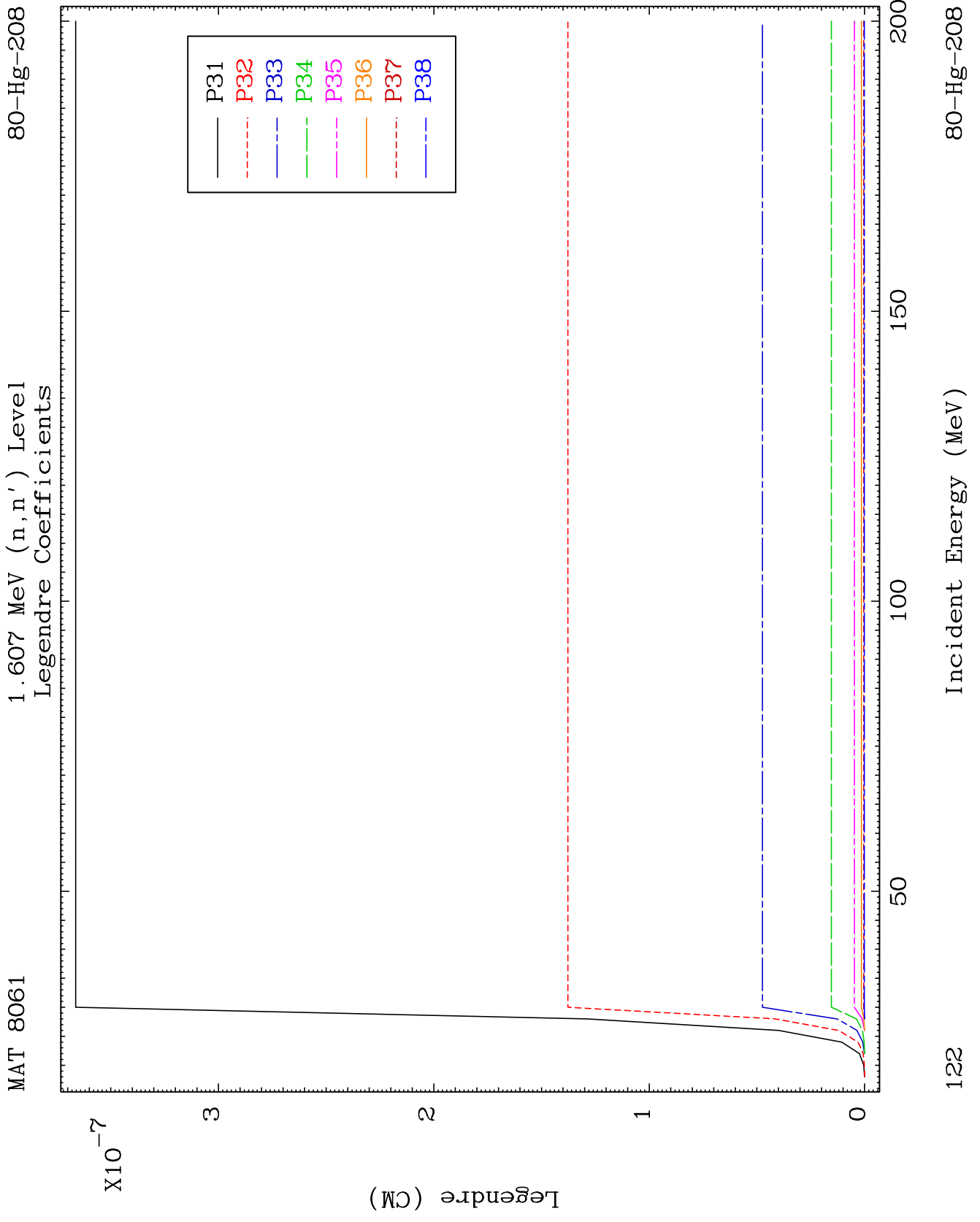


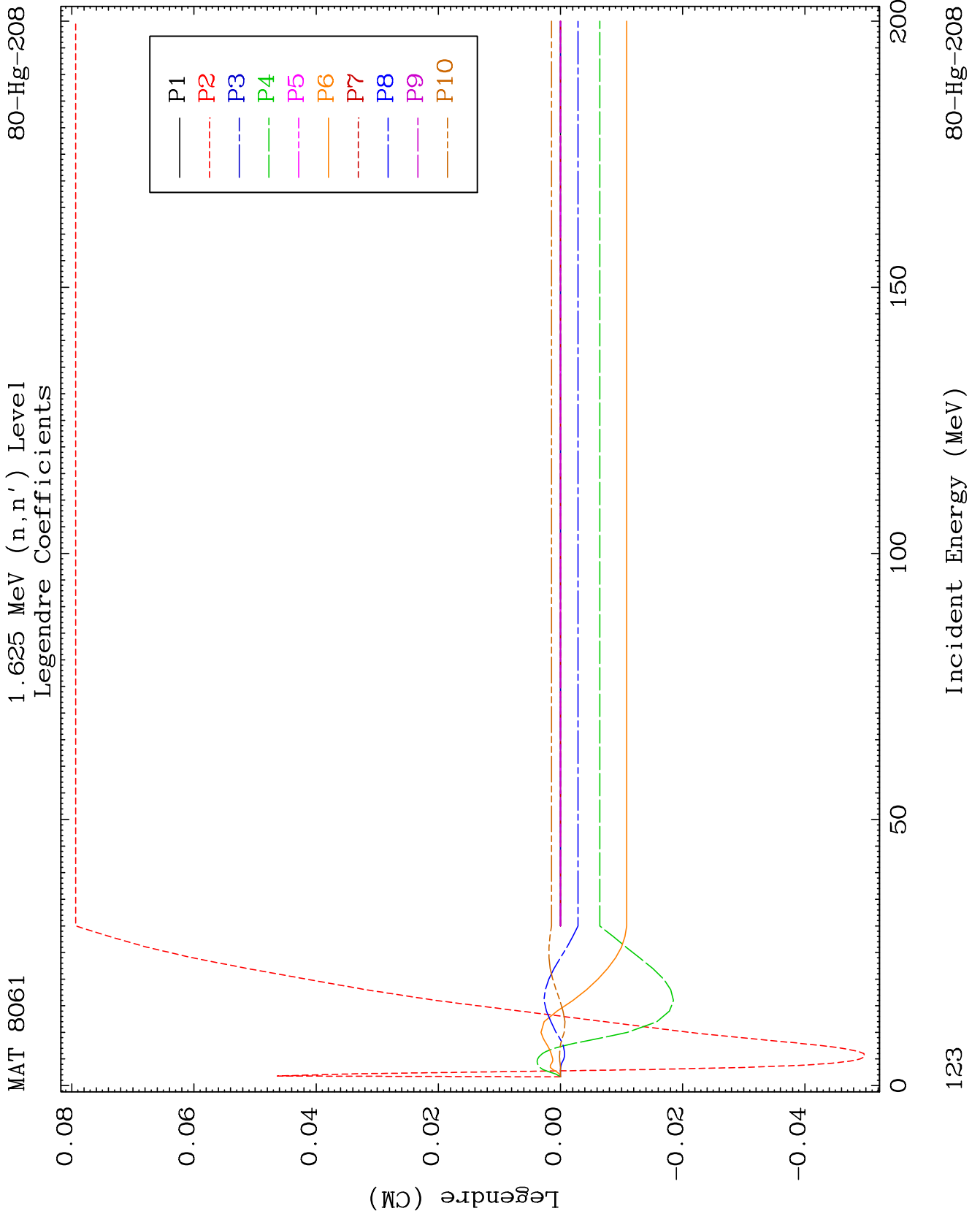


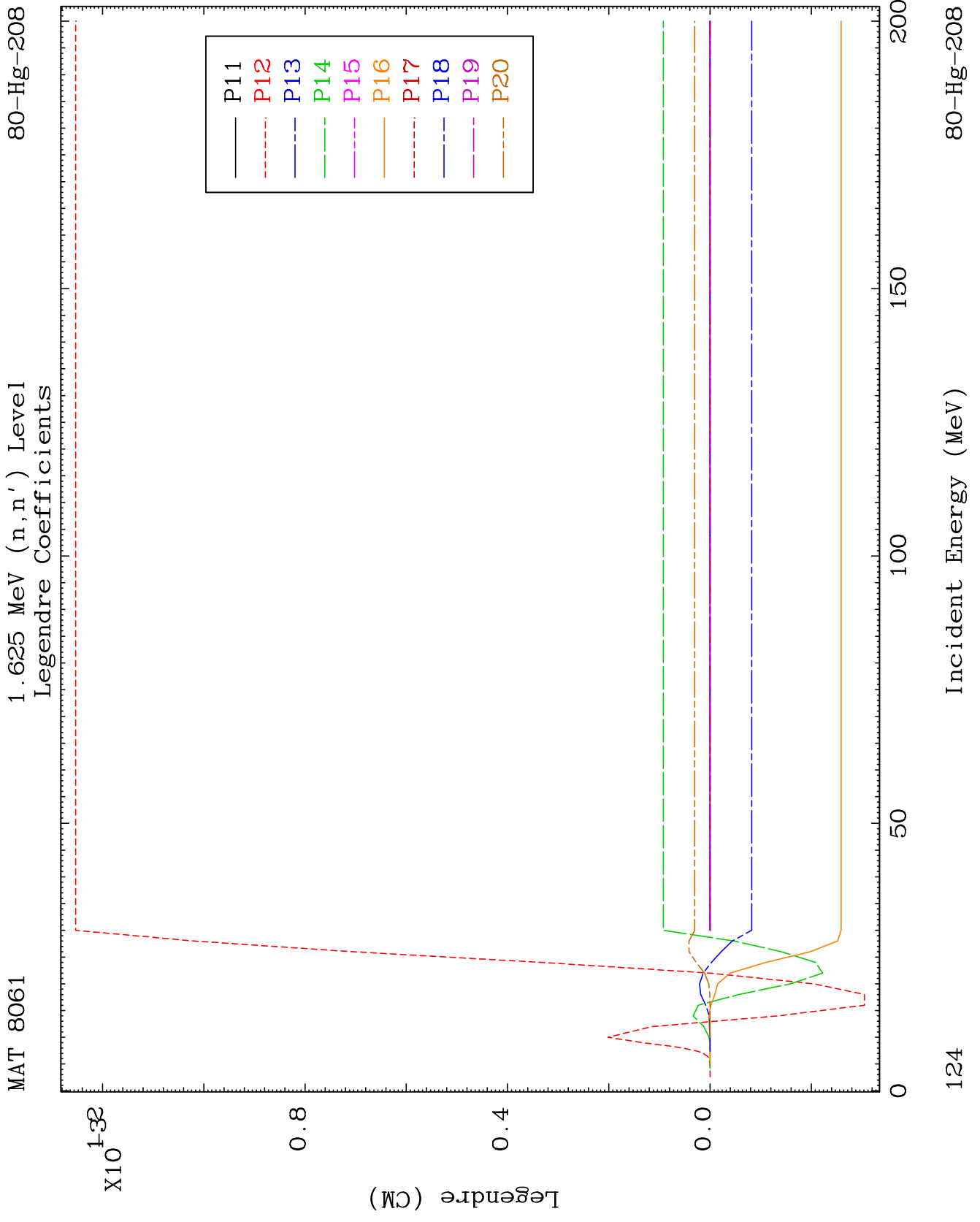


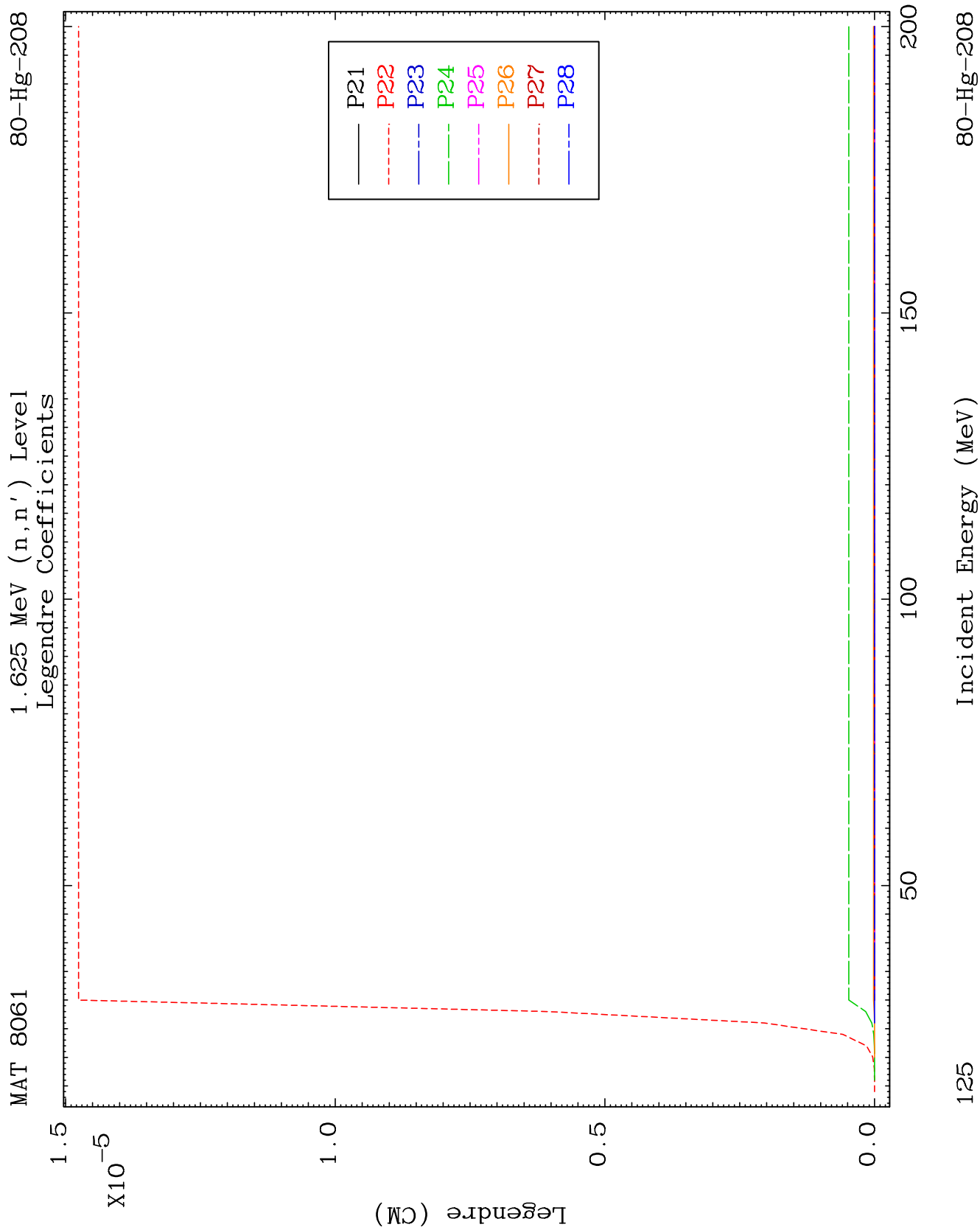












MAT 8061

Fission

80-Hg-208

Radionuclide Production Cross Section

