

Program EVALPLOT
(Version 2015-2)

by

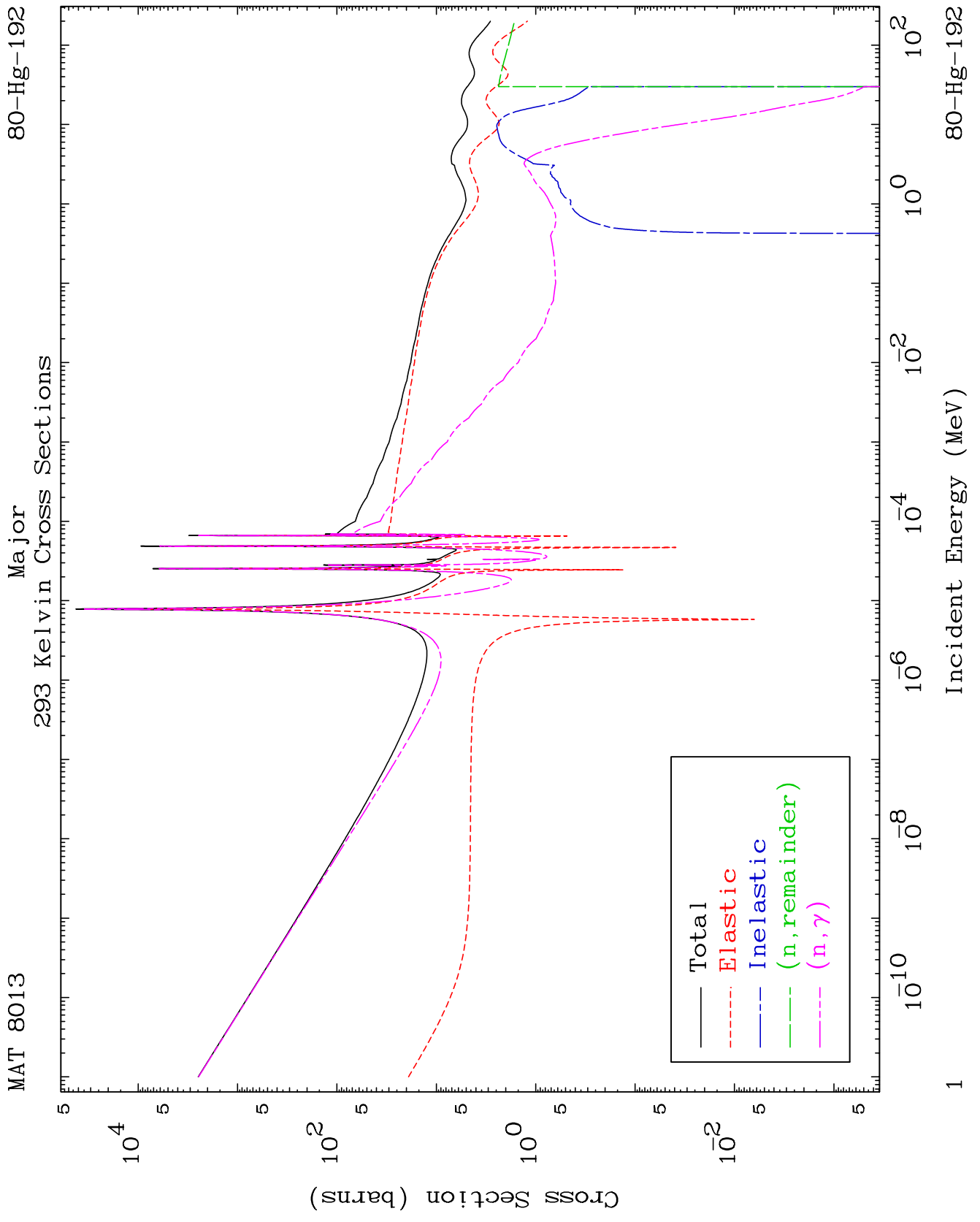
Dermott E. Cullen
(Present Contact Information)

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

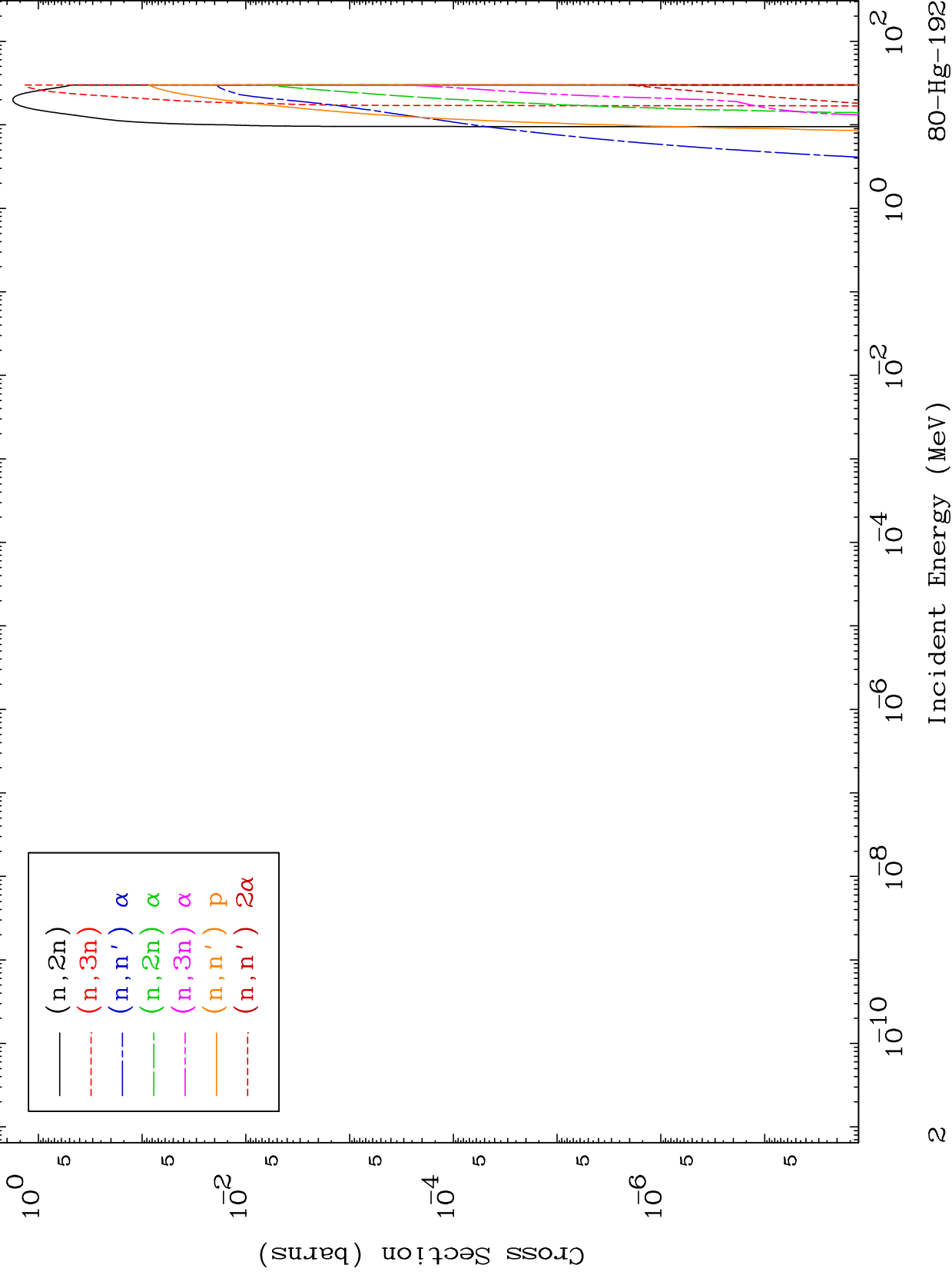
Press Mouse Button to Start



MAT 8013

Neutron Production
293 Kelvin Cross Sections

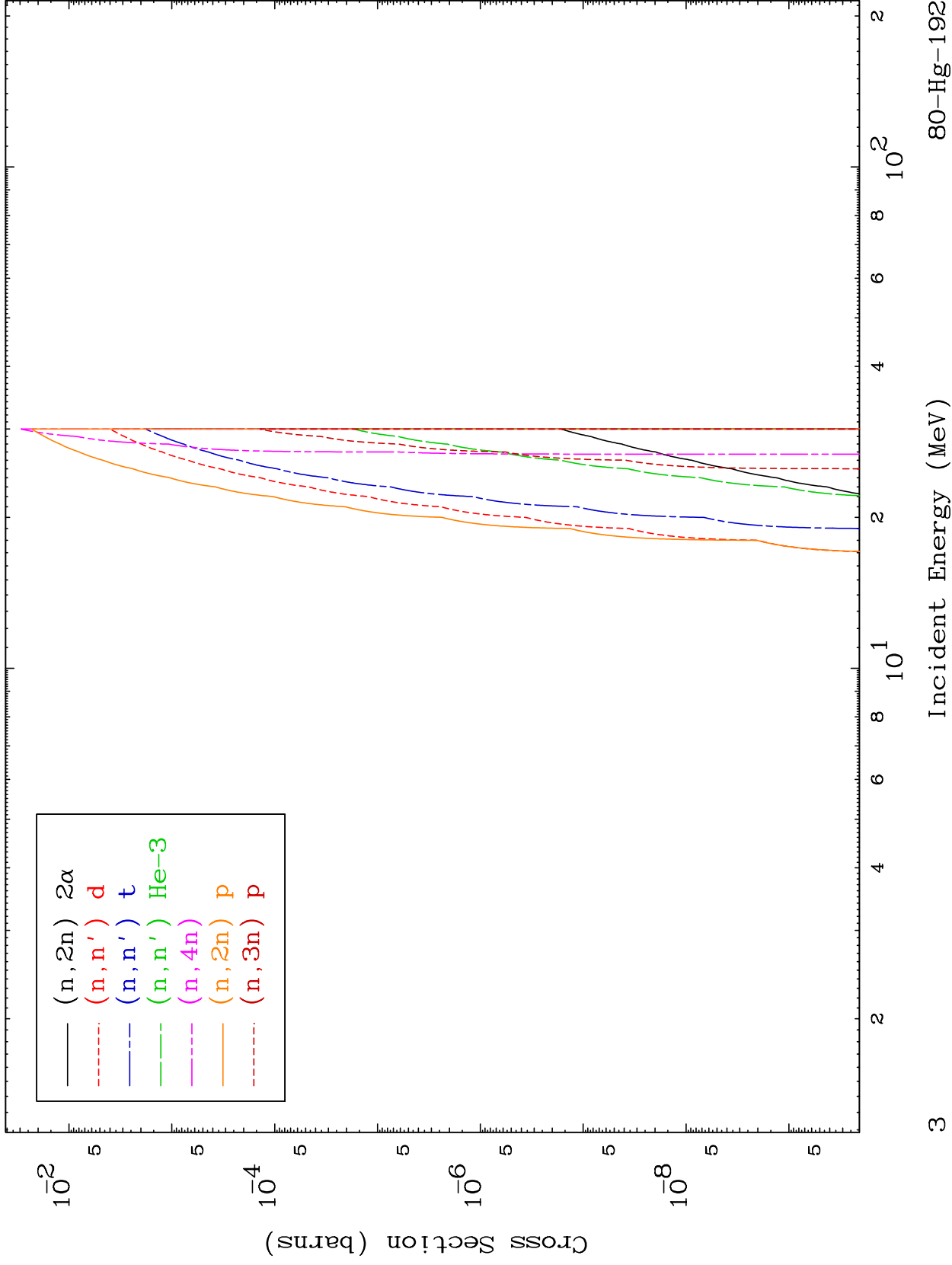
80-Hg-192



MAT 8013

Neutron Production
293 Kelvin Cross Sections

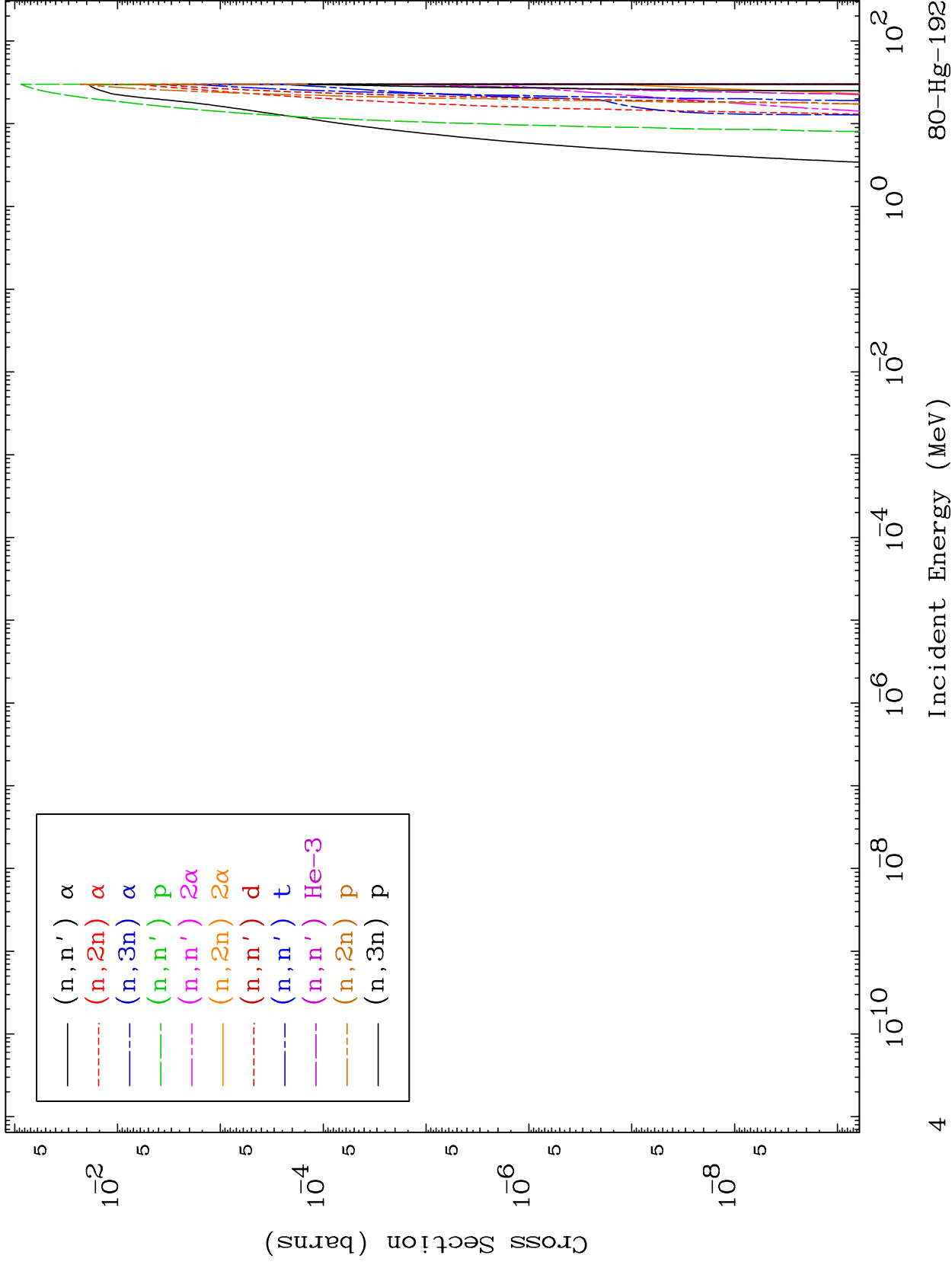
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

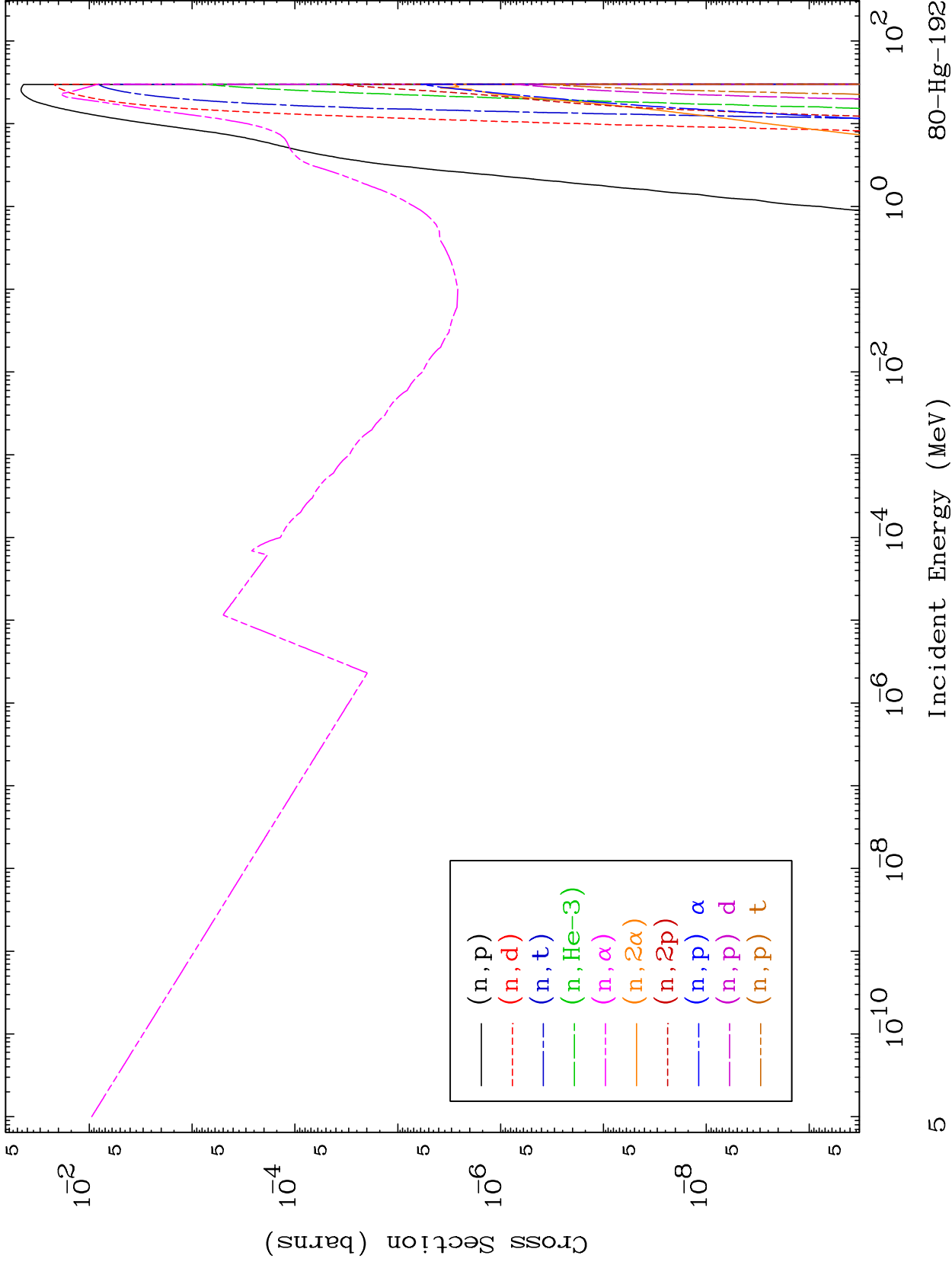
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

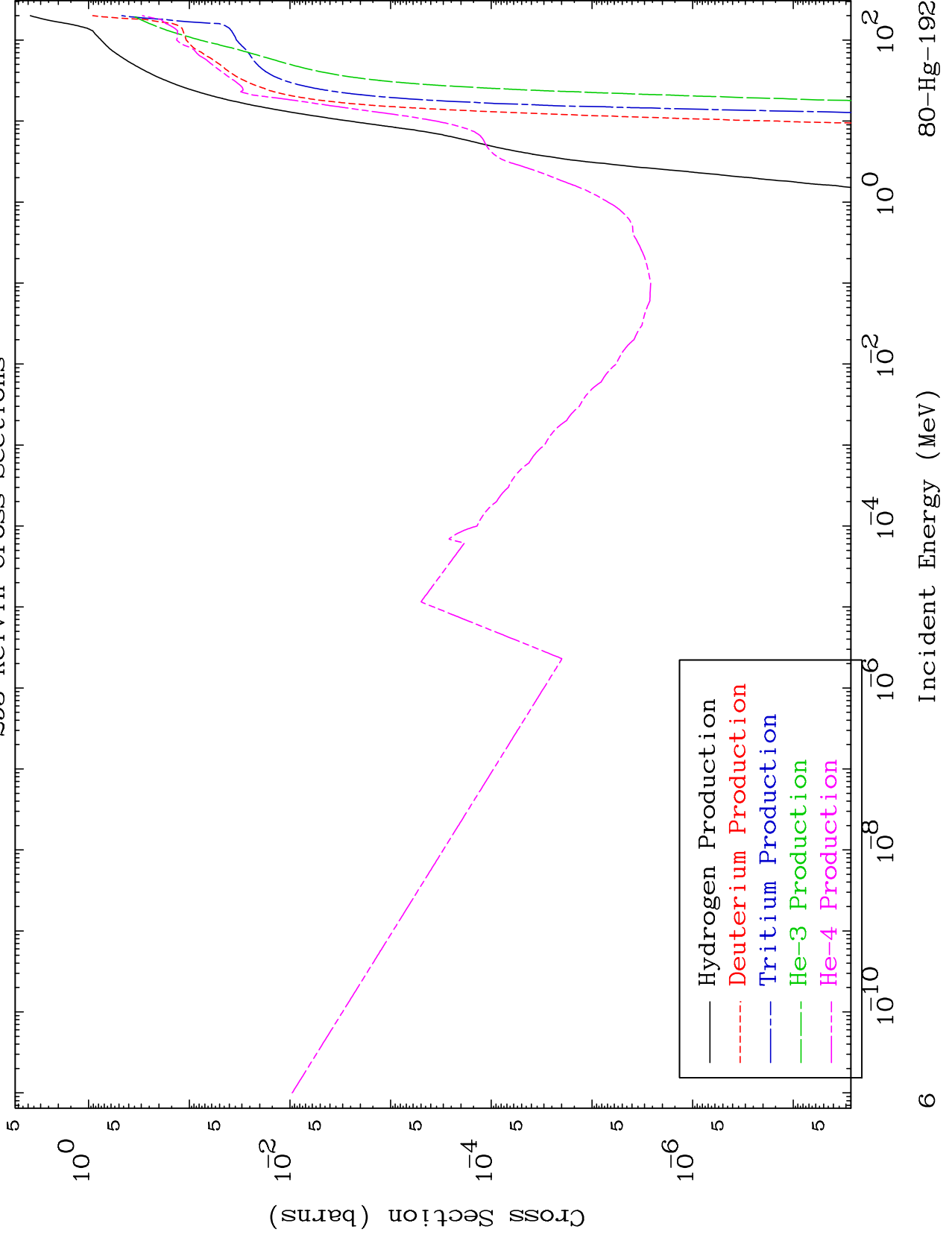
80-Hg-192



MAT 8013

Particle Production
293 Kelvin Cross Sections

80-Hg-192

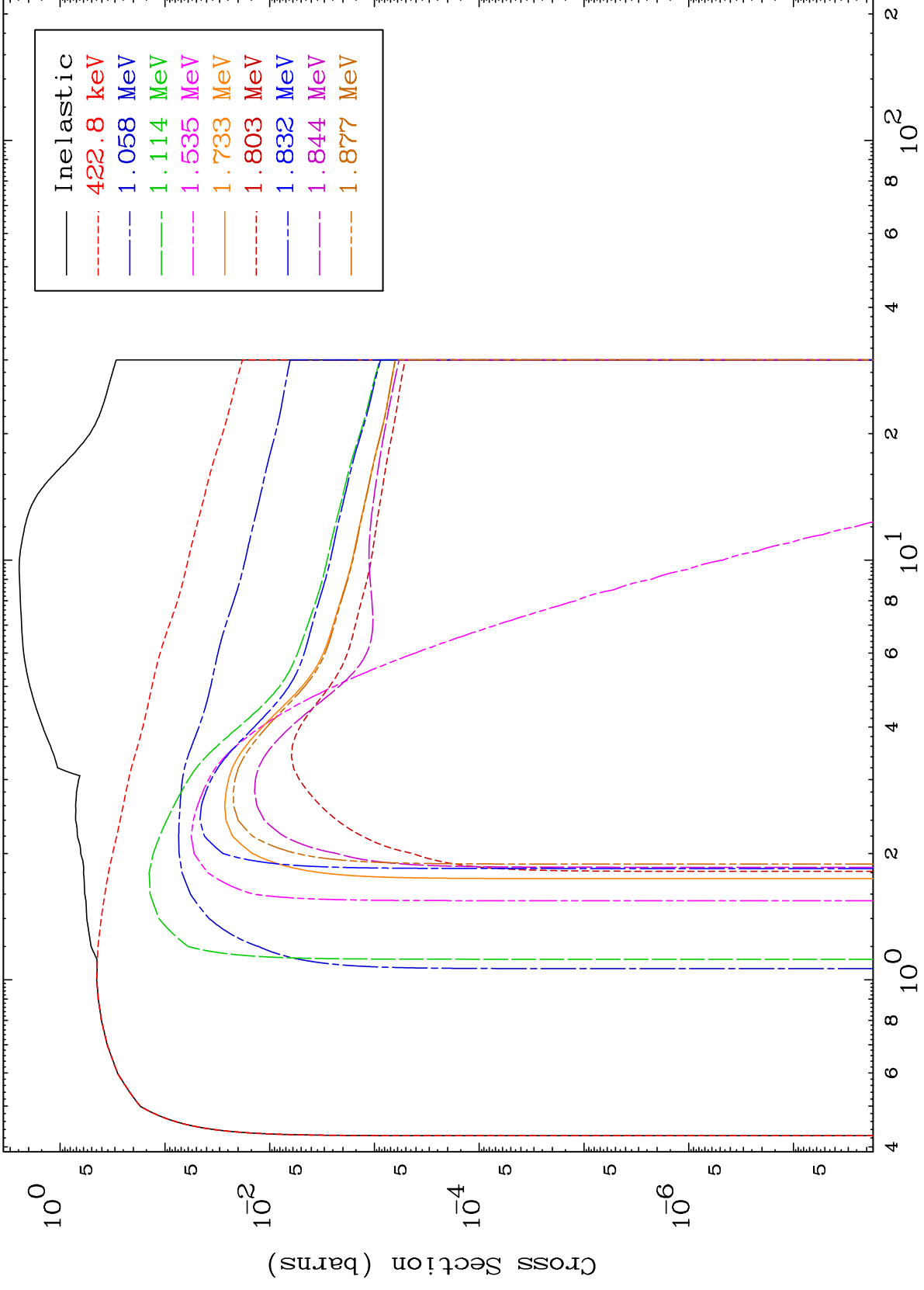


MAT 8013

(n,n') Level

80-Hg-192

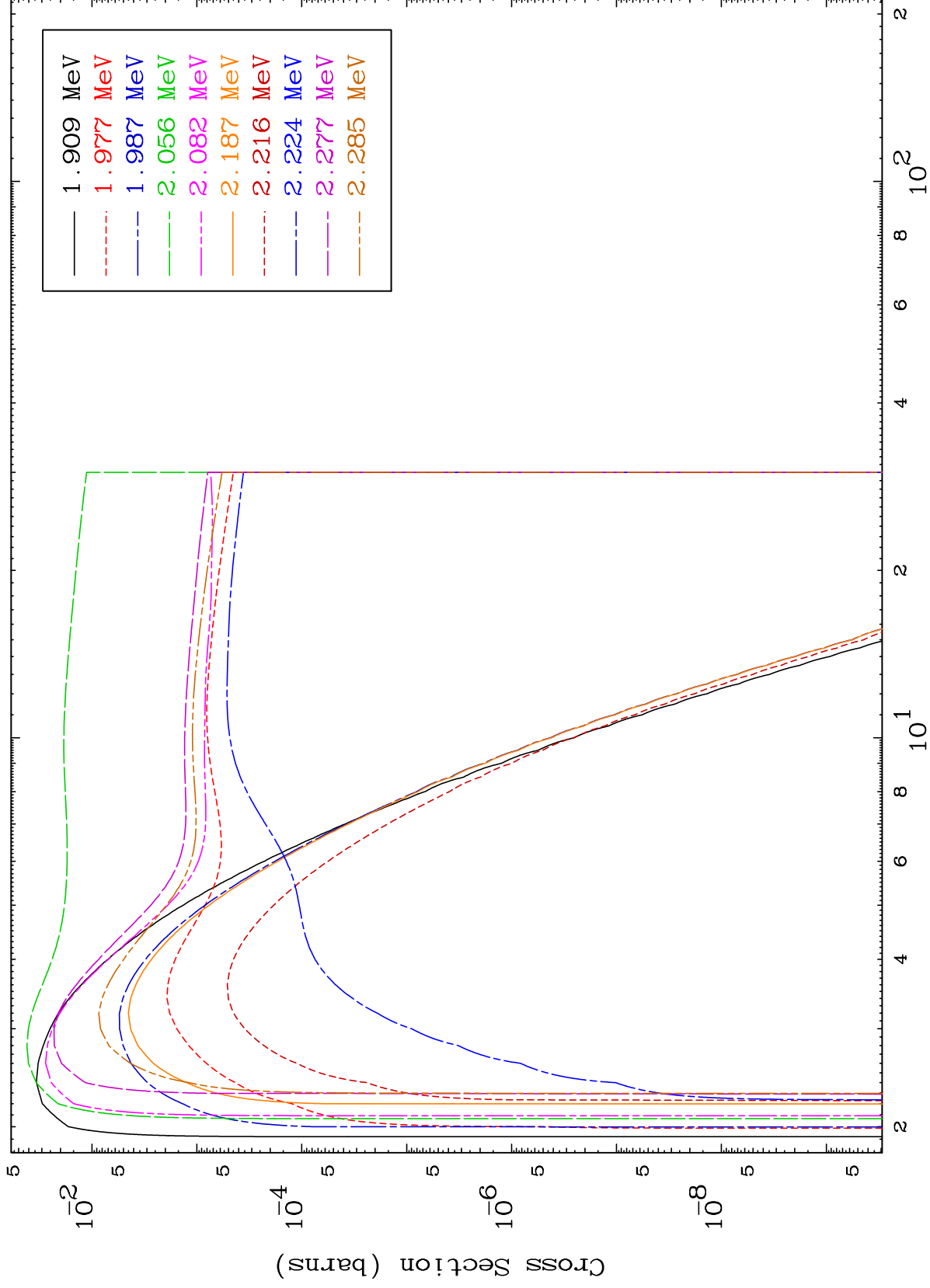
293 Kelvin Cross Sections



MAT 8013

(n,n') Level
293 Kelvin Cross Sections

80-Hg-192



8

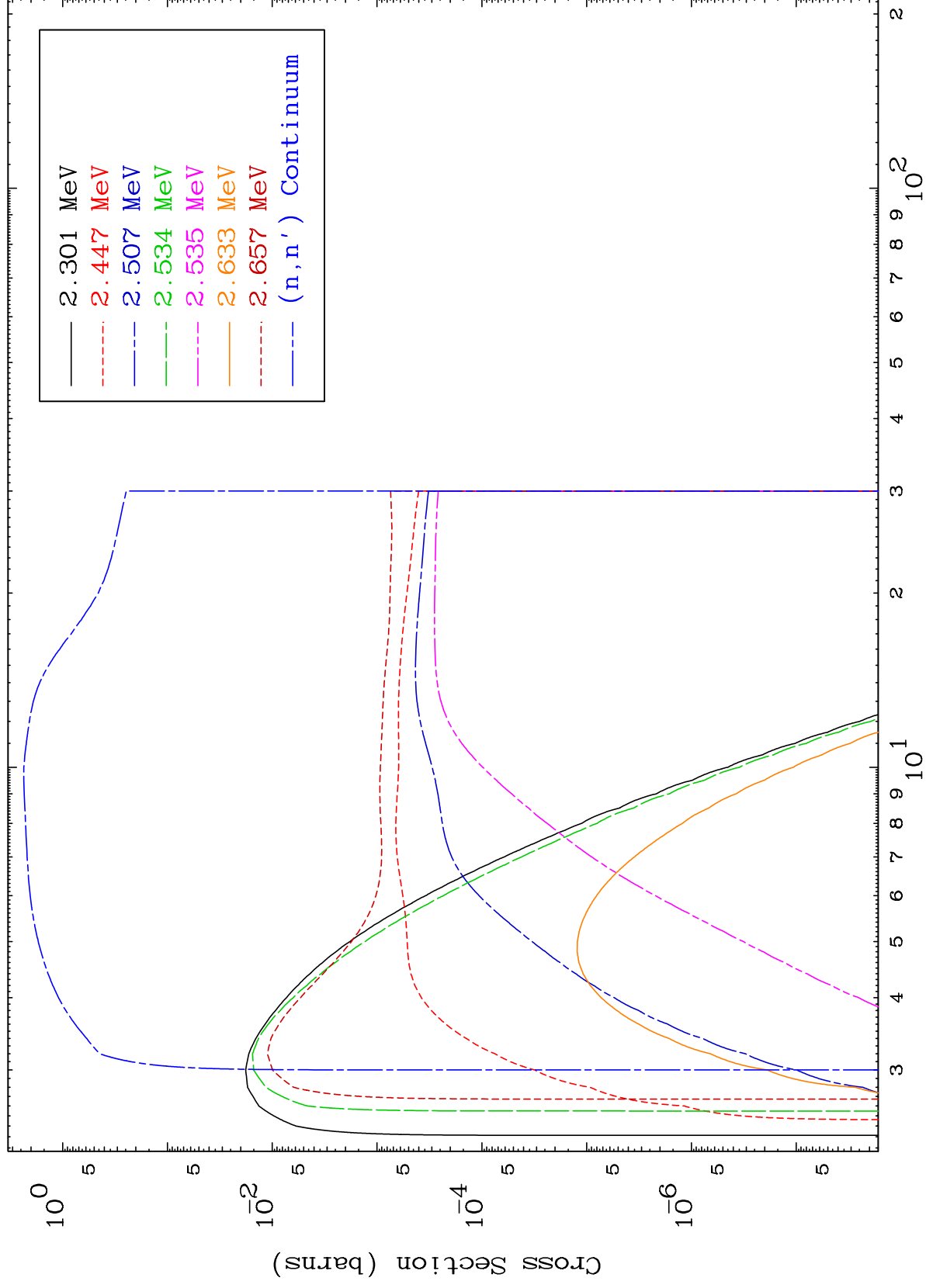
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,n') Level
293 Kelvin Cross Sections

80-Hg-192



9

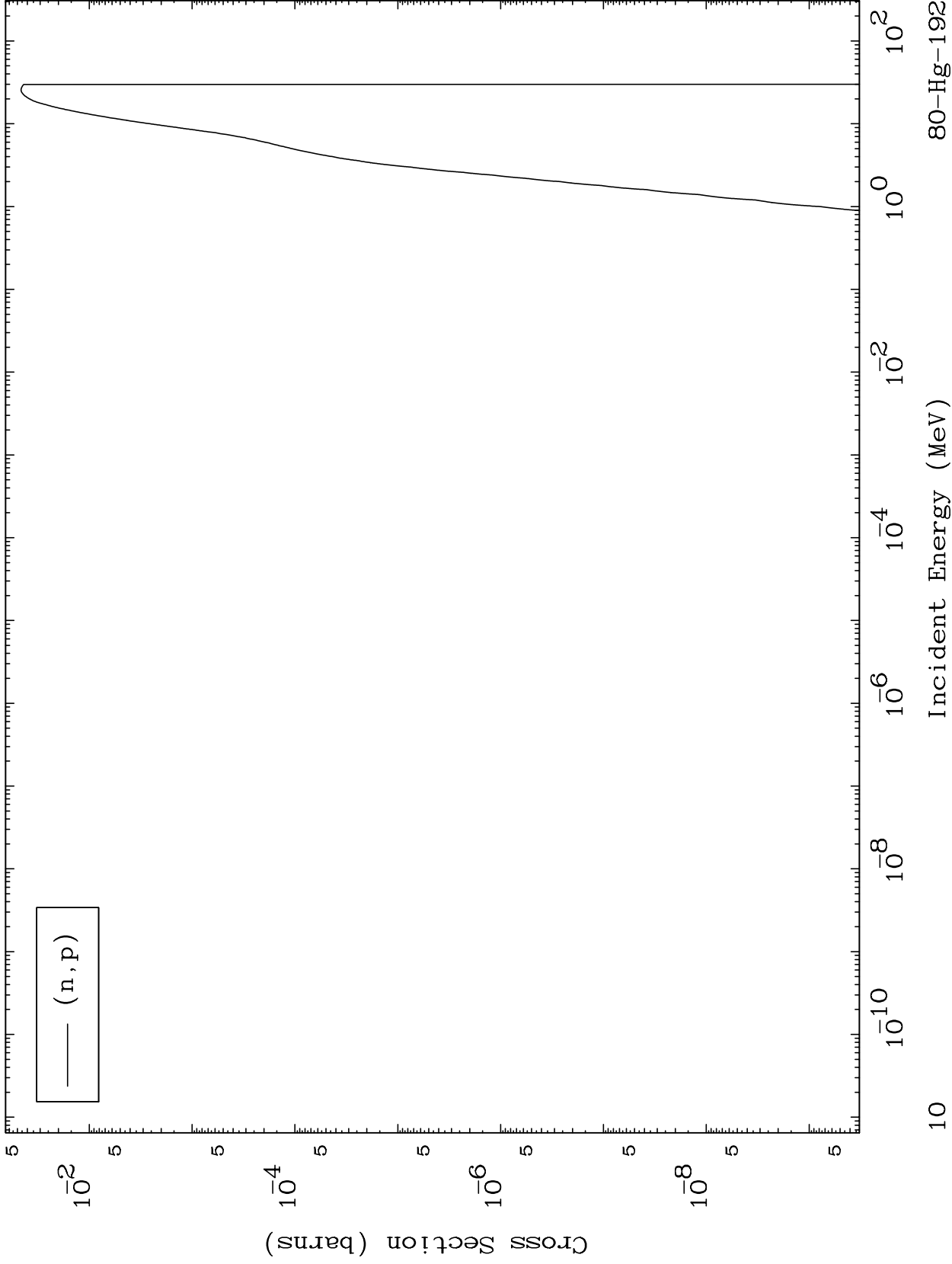
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-192



10

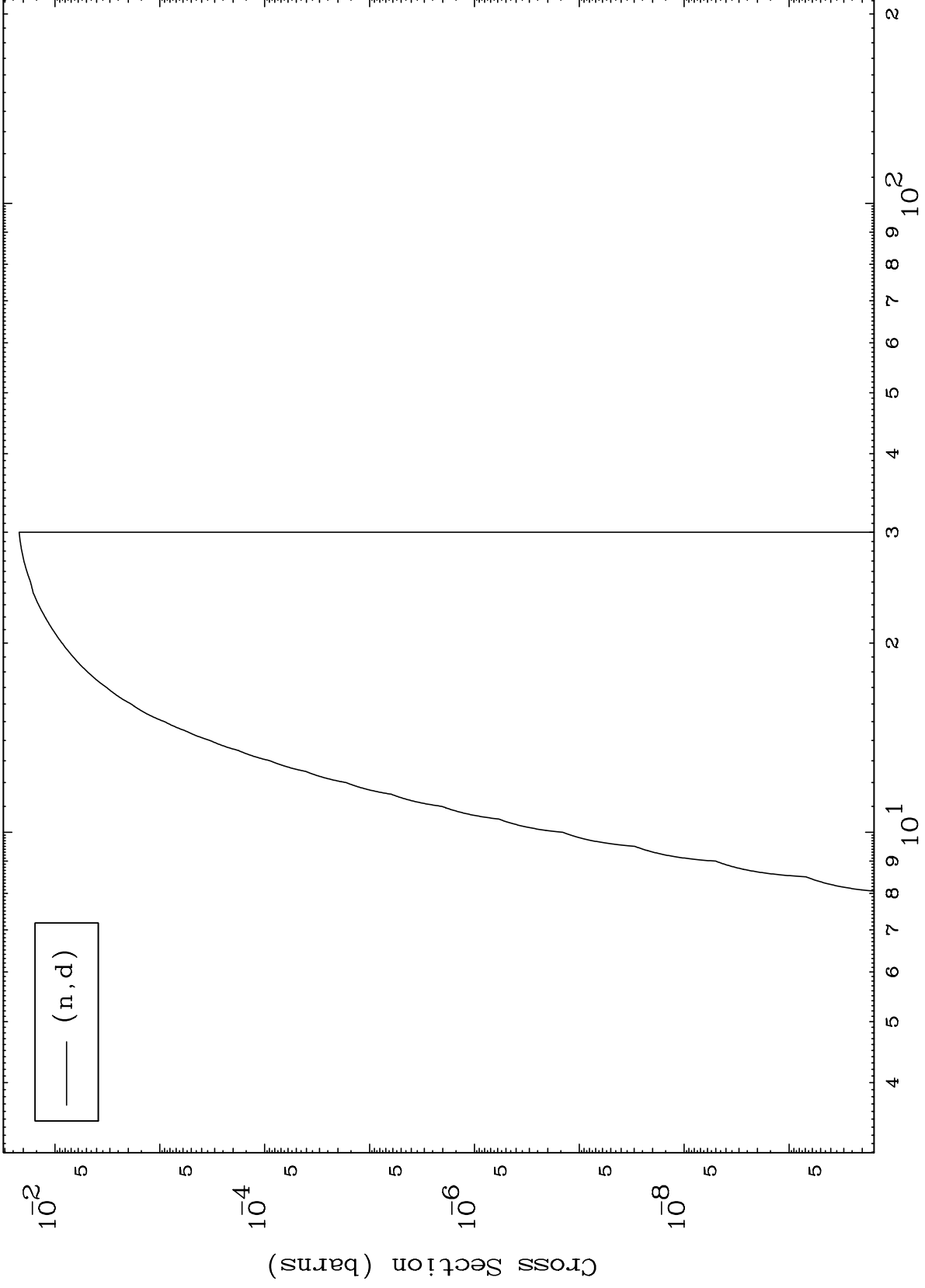
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,d) Levels
293 Kelvin Cross Sections

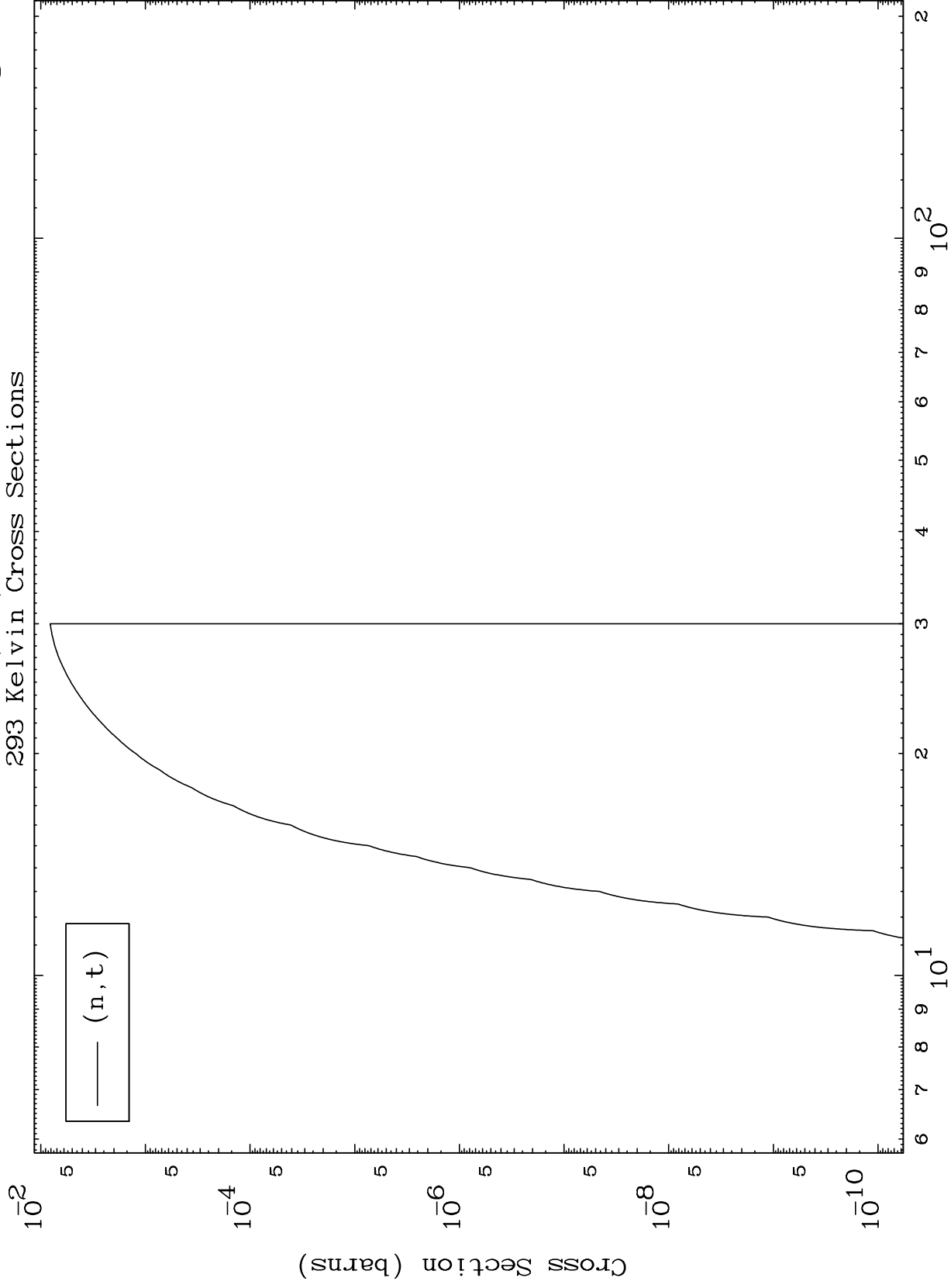
80-Hg-192



MAT 8013

(n, t) Levels
293 Kelvin Cross Sections

80-Hg-192



12

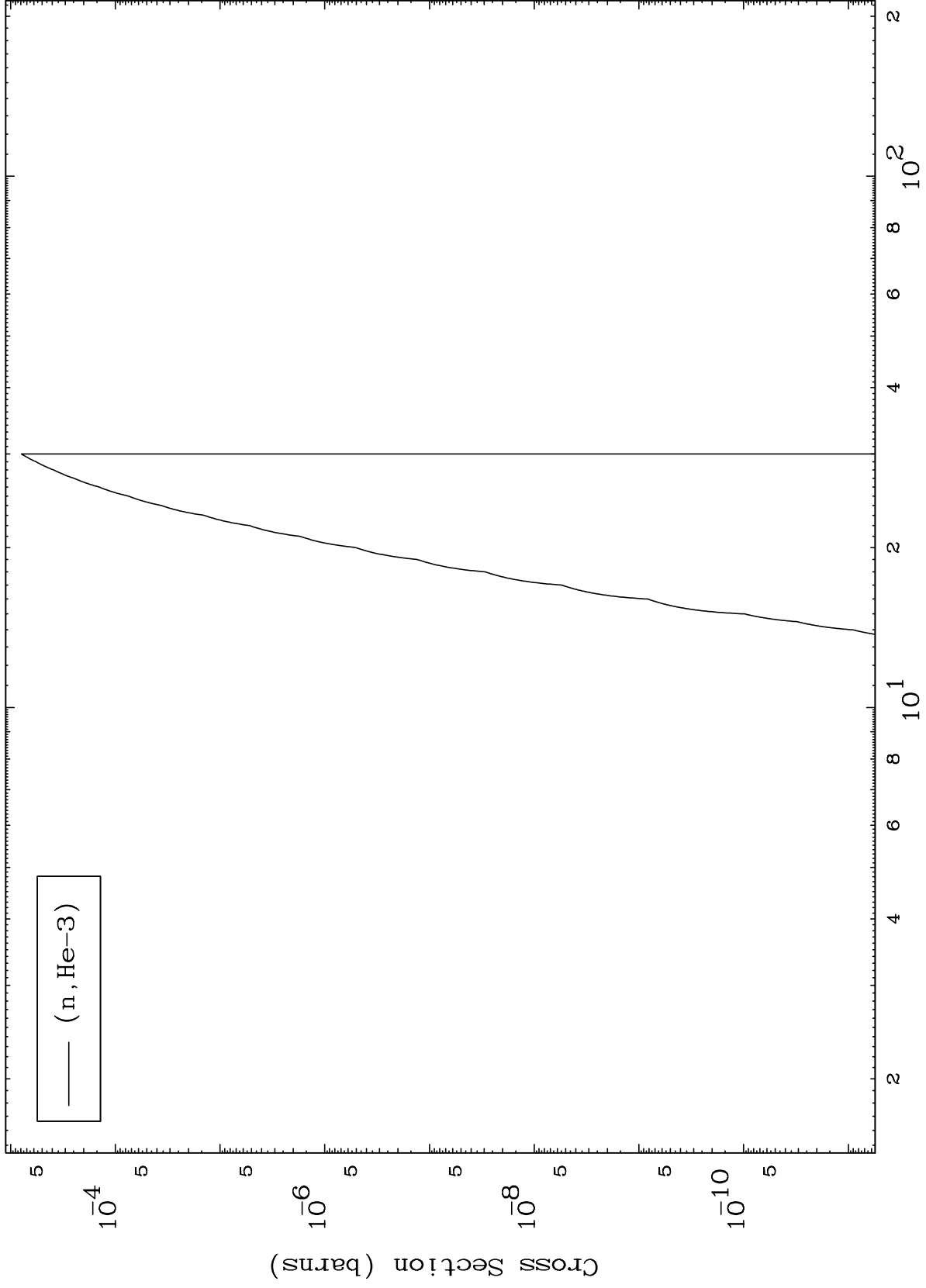
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-192



13

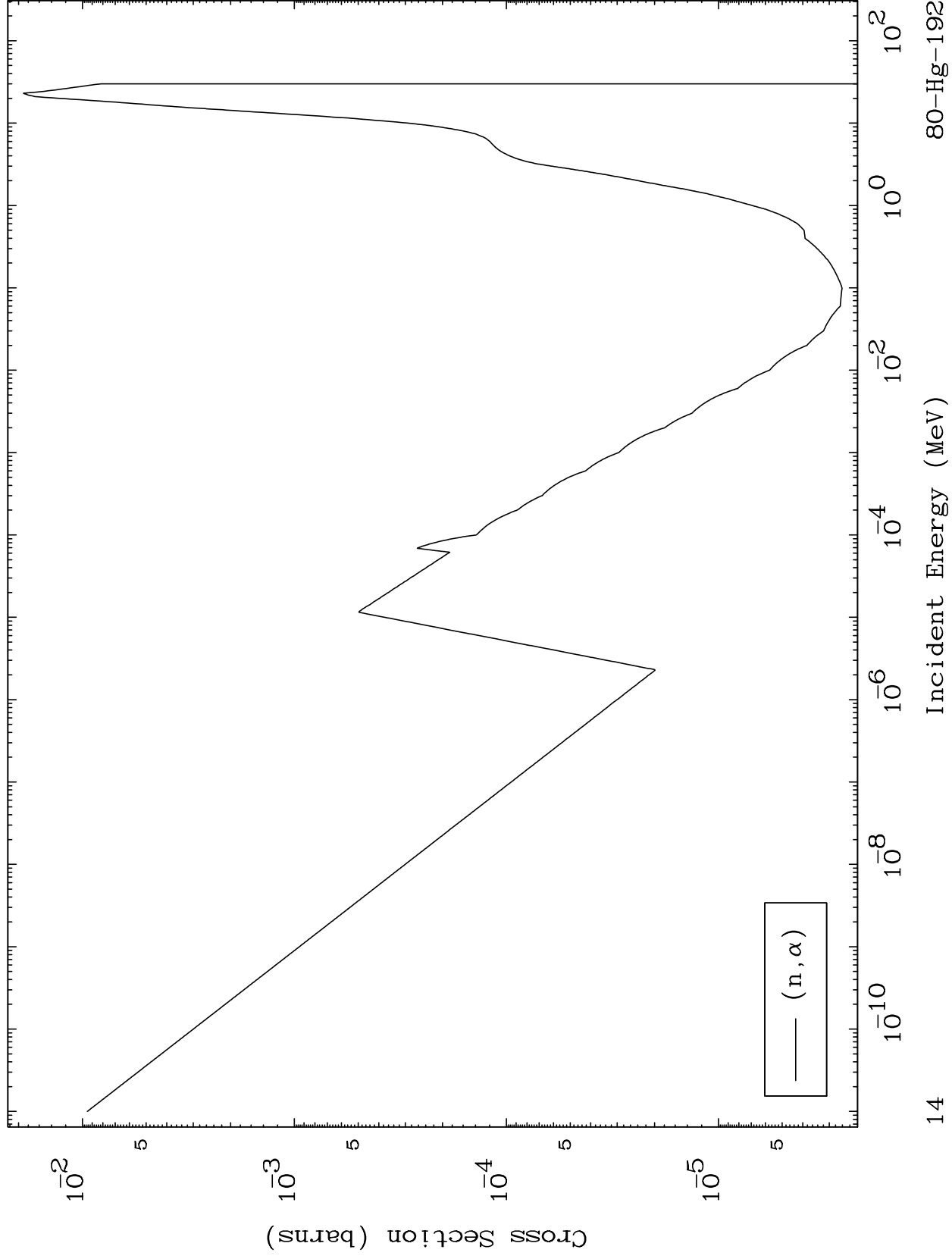
Incident Energy (MeV)

80-Hg-192

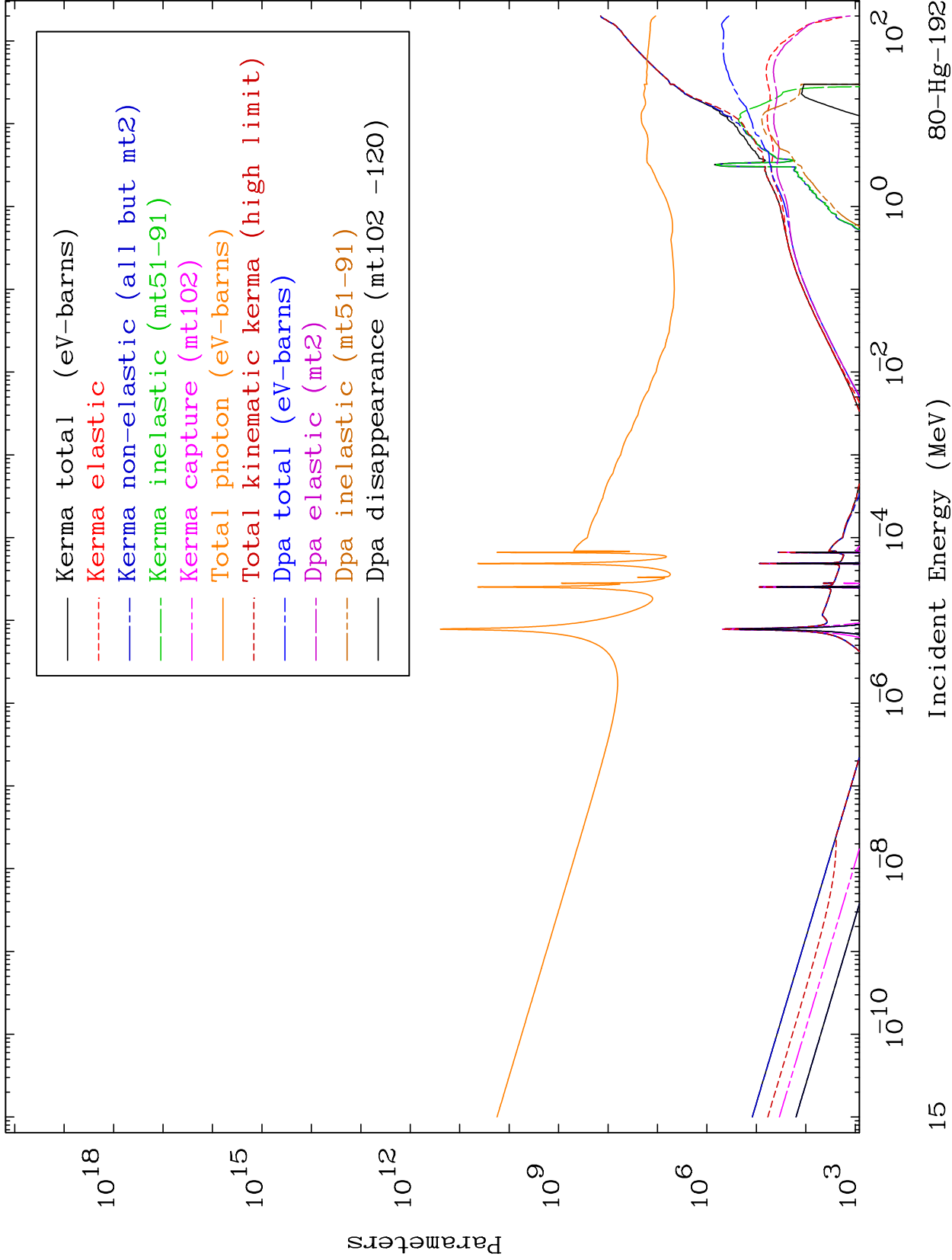
MAT 8013

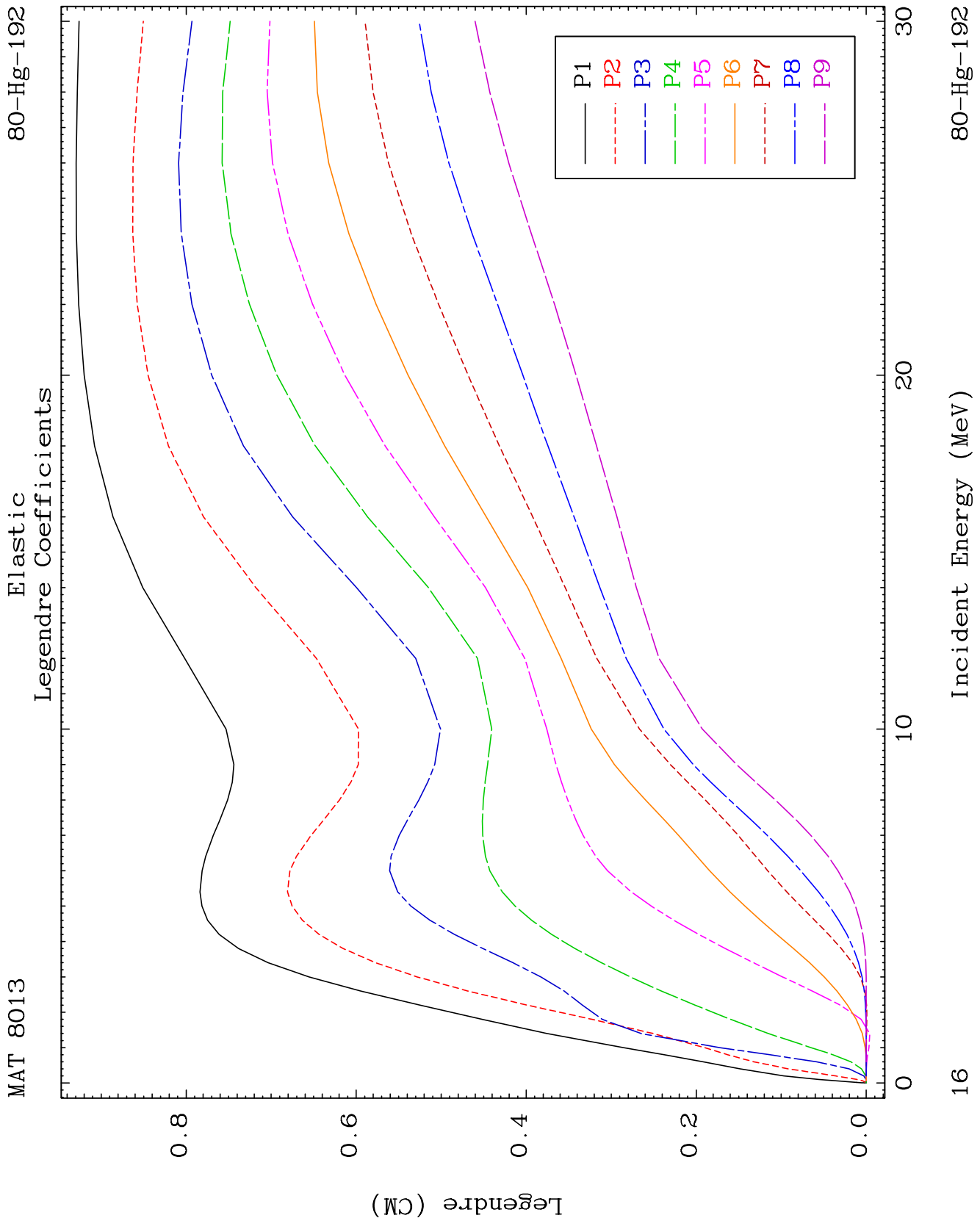
(n,α) Levels
293 Kelvin Cross Sections

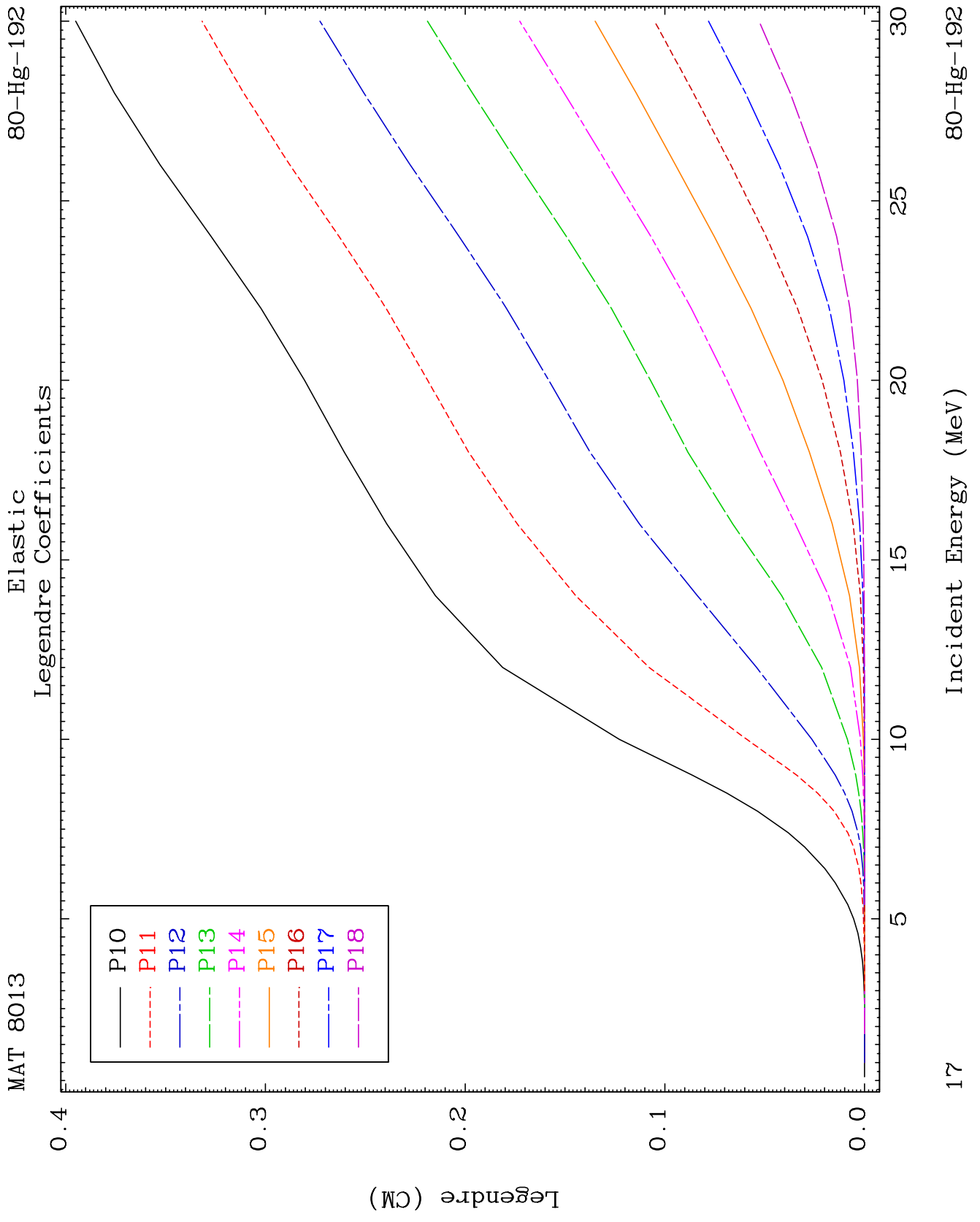
80-Hg-192



14



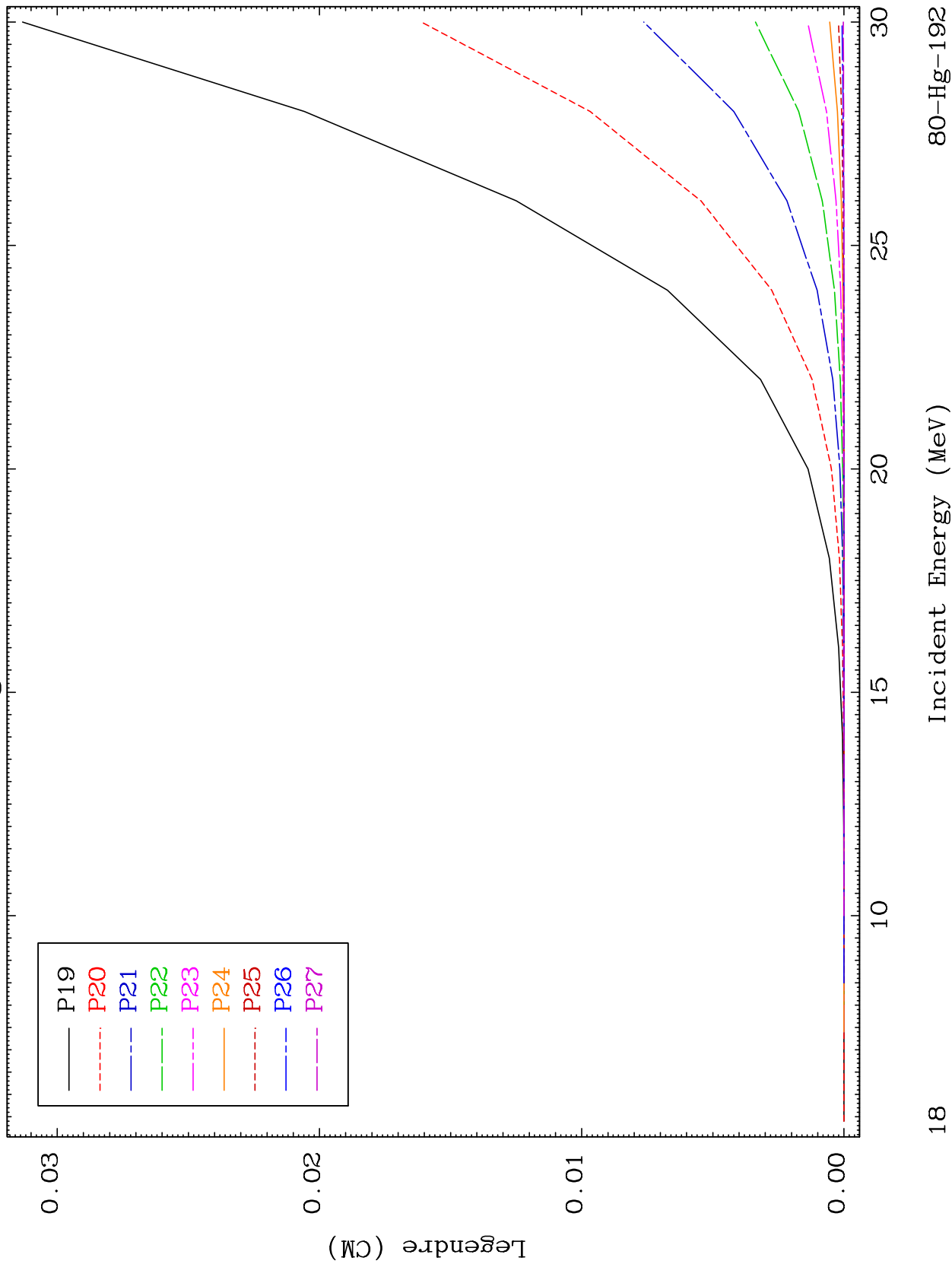




MAT 8013

Elastic Legendre Coefficients

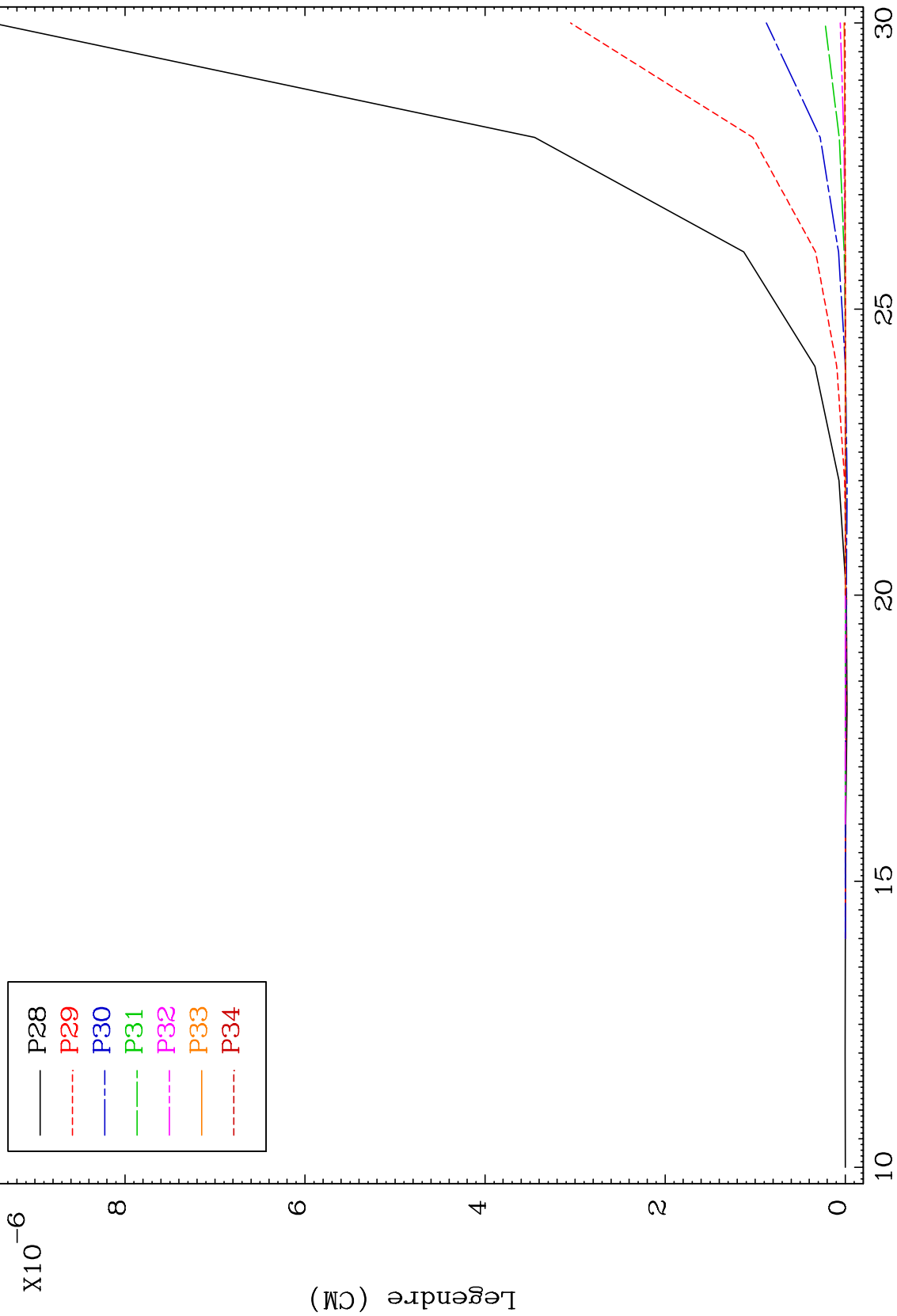
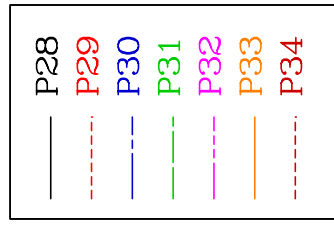
80-Hg-192



MAT 8013

Elastic
Legendre Coefficients

80-Hg-192



19

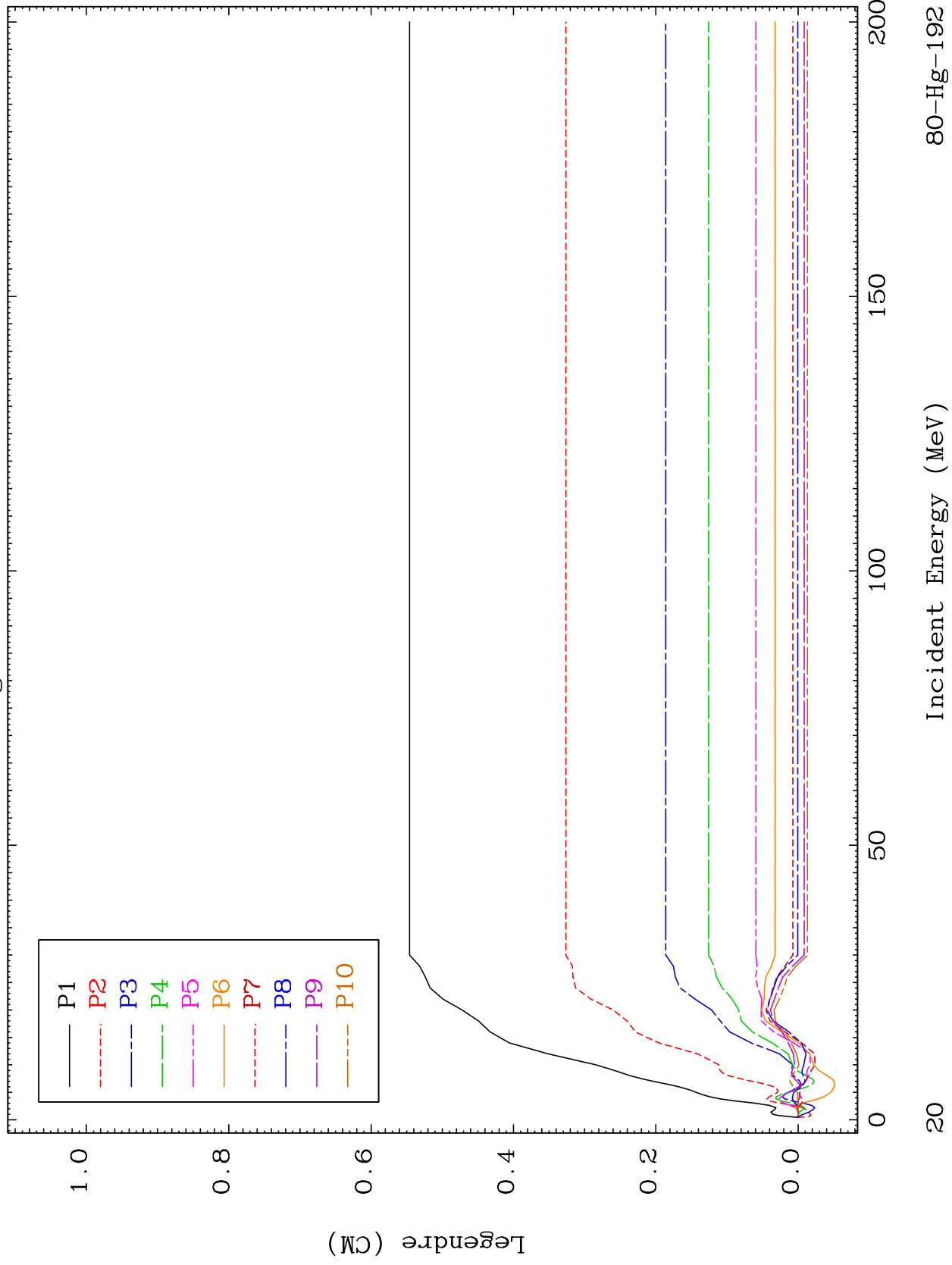
Incident Energy (MeV)

80-Hg-192

MAT 8013

422.8 keV (n, n') Level
Legendre Coefficients

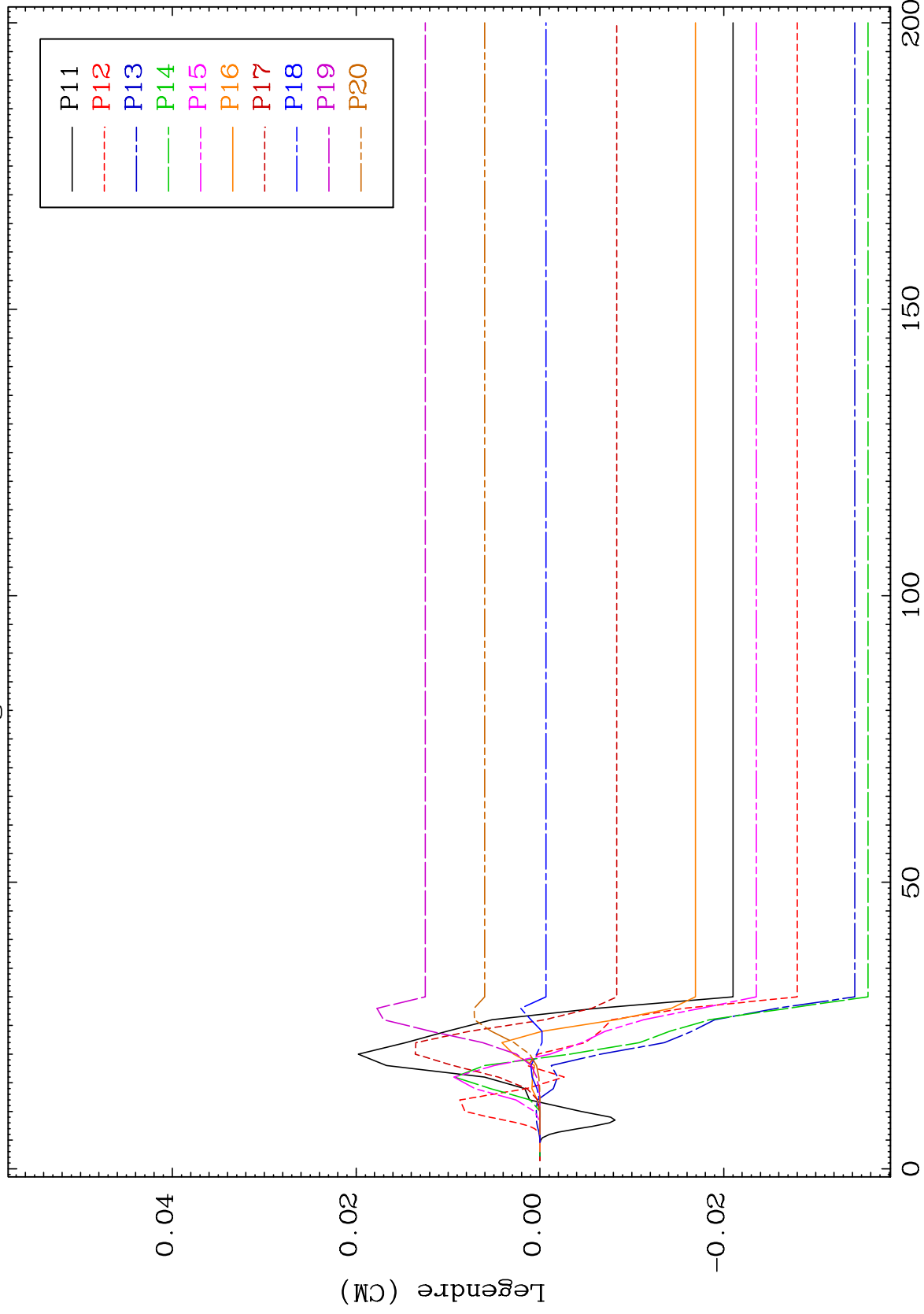
80-Hg-192



MAT 8013

422.8 keV (n,n') Level
Legendre Coefficients

80-Hg-192



21

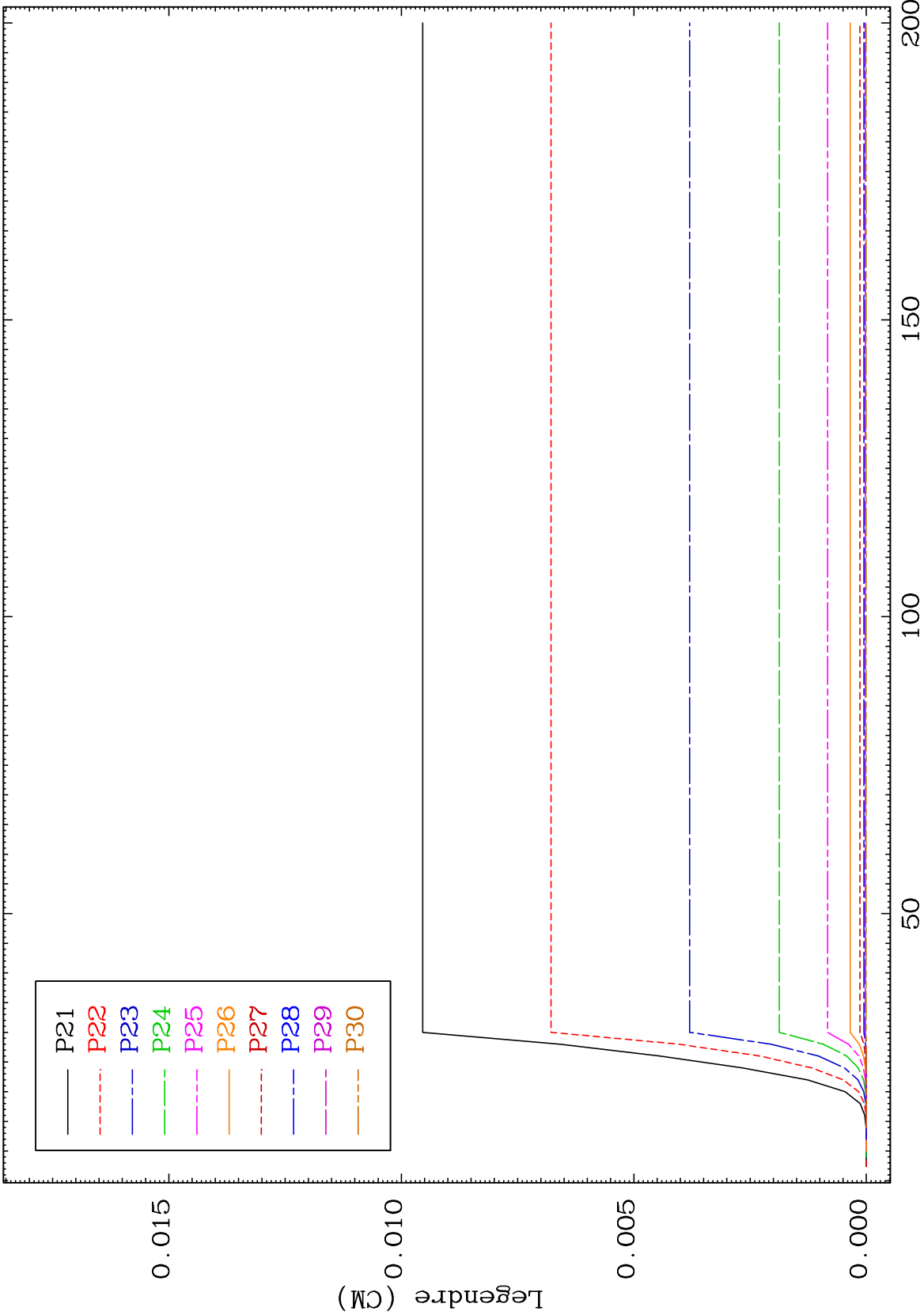
Incident Energy (MeV)

80-Hg-192

MAT 8013

422.8 keV (n,n') Level
Legendre Coefficients

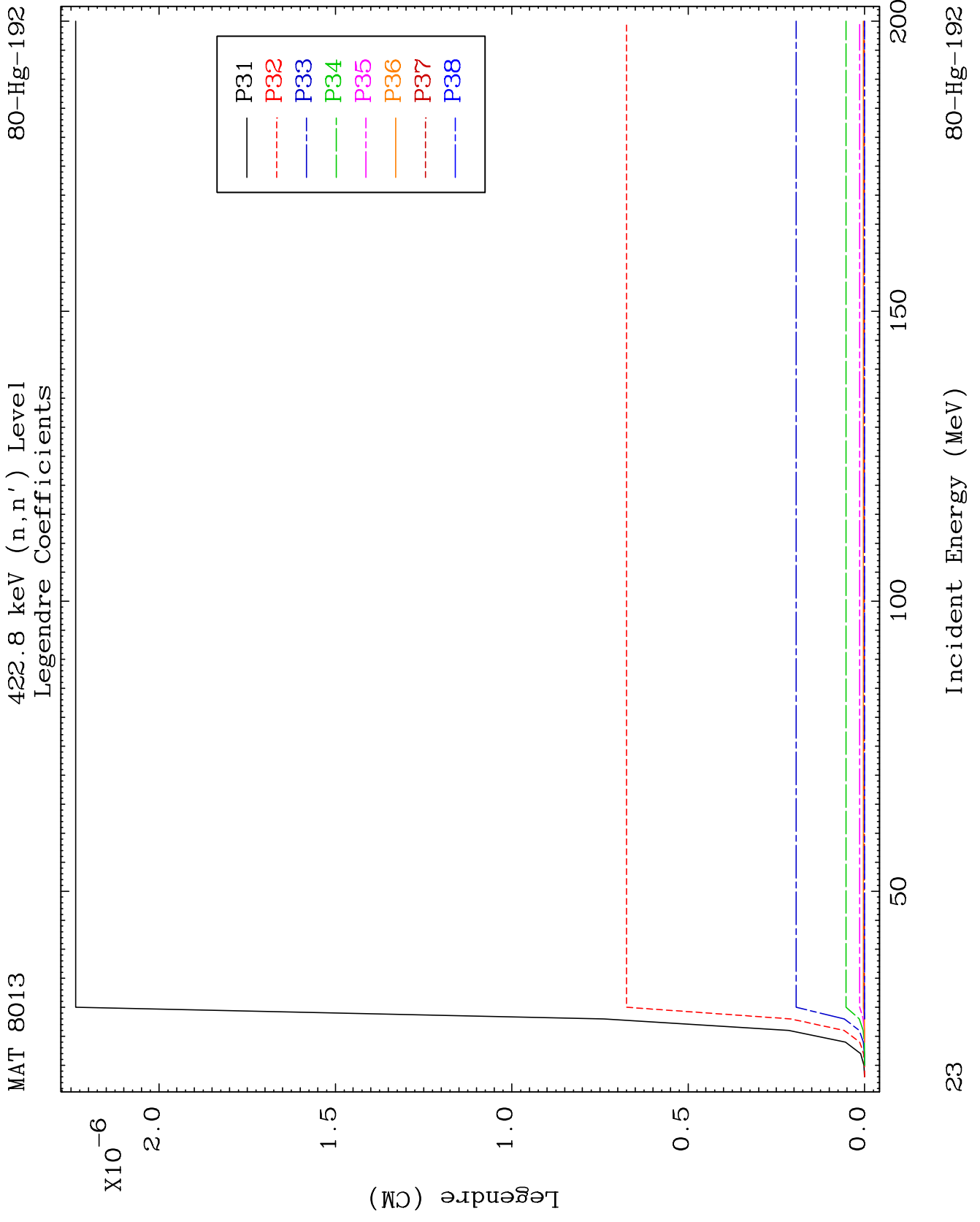
80-Hg-192

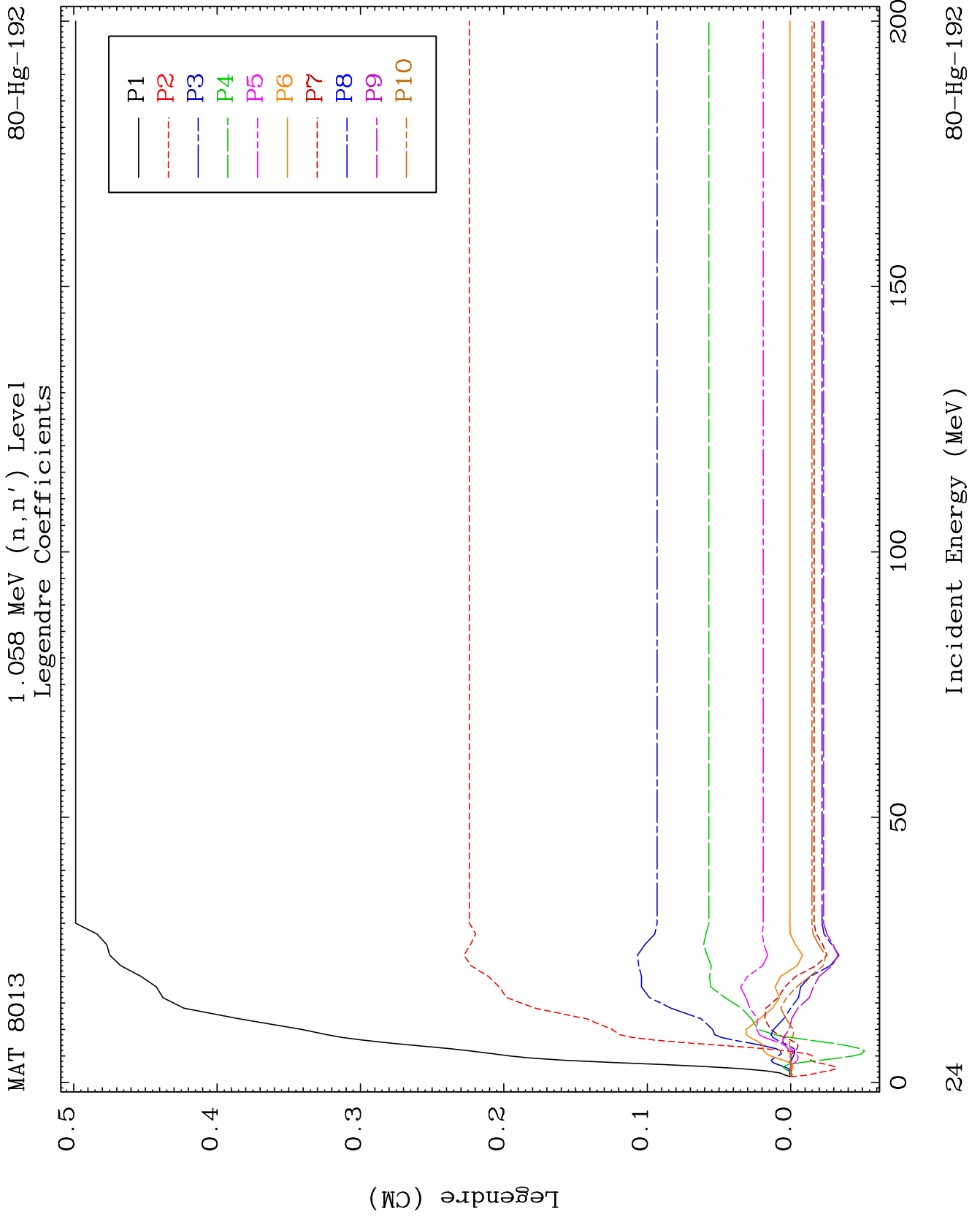


22

Incident Energy (MeV)

80-Hg-192

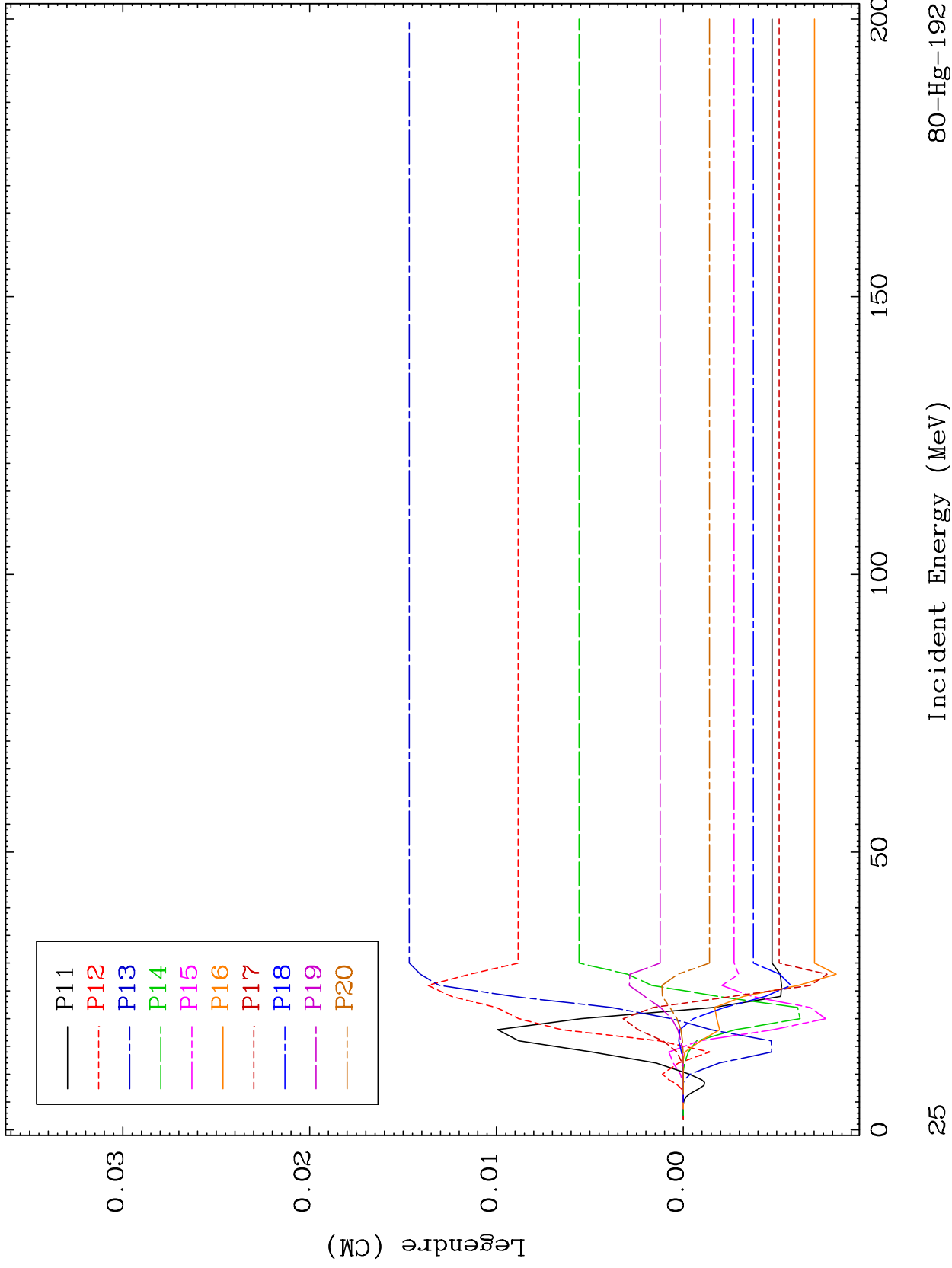




MAT 8013

1.058 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



80-Hg-192

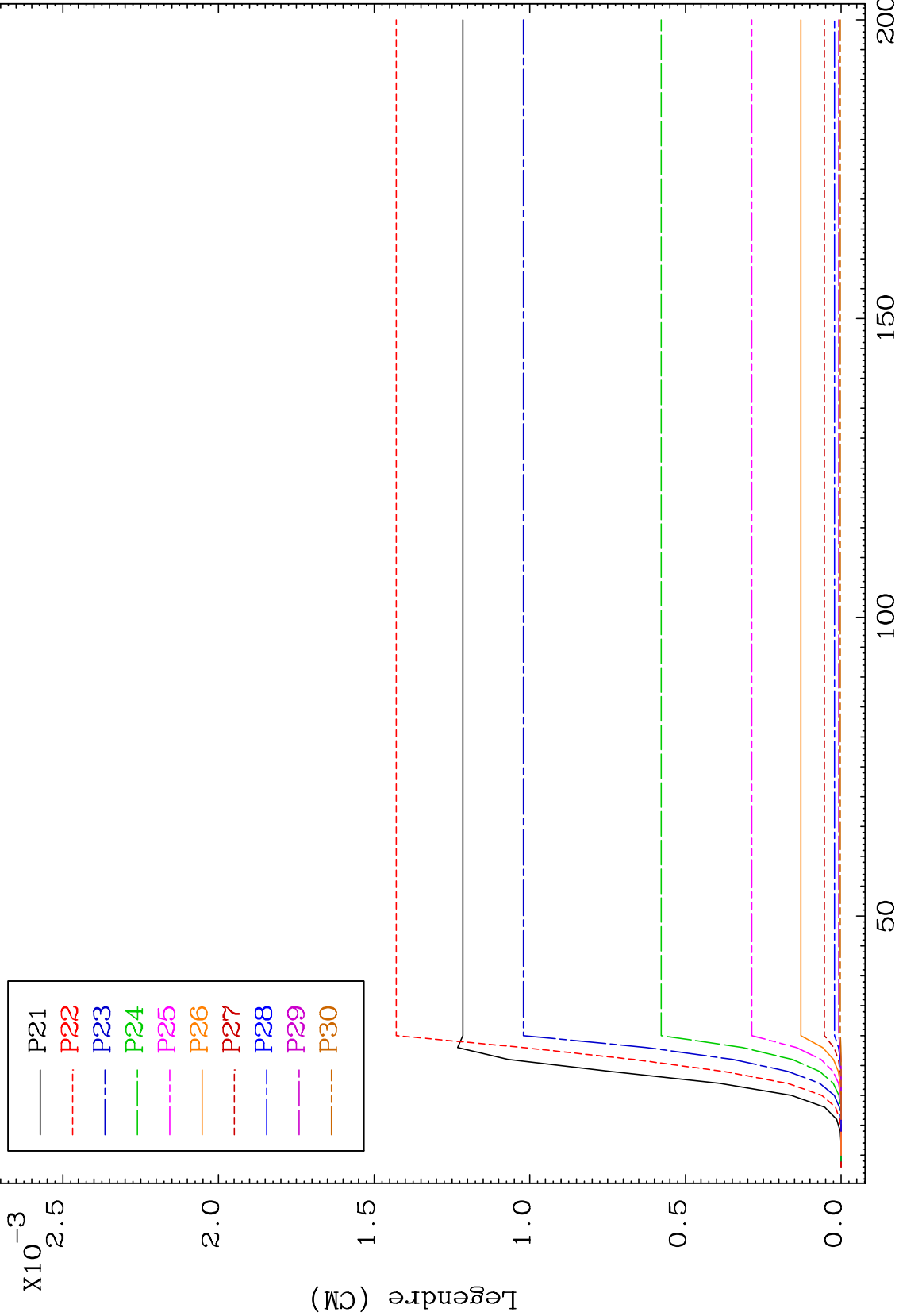
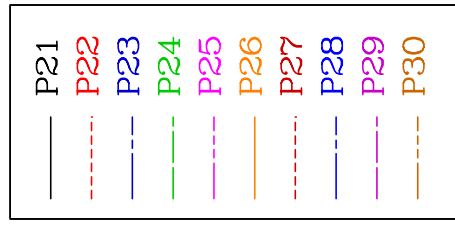
Incident Energy (MeV)

25

MAT 8013

1.058 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



26

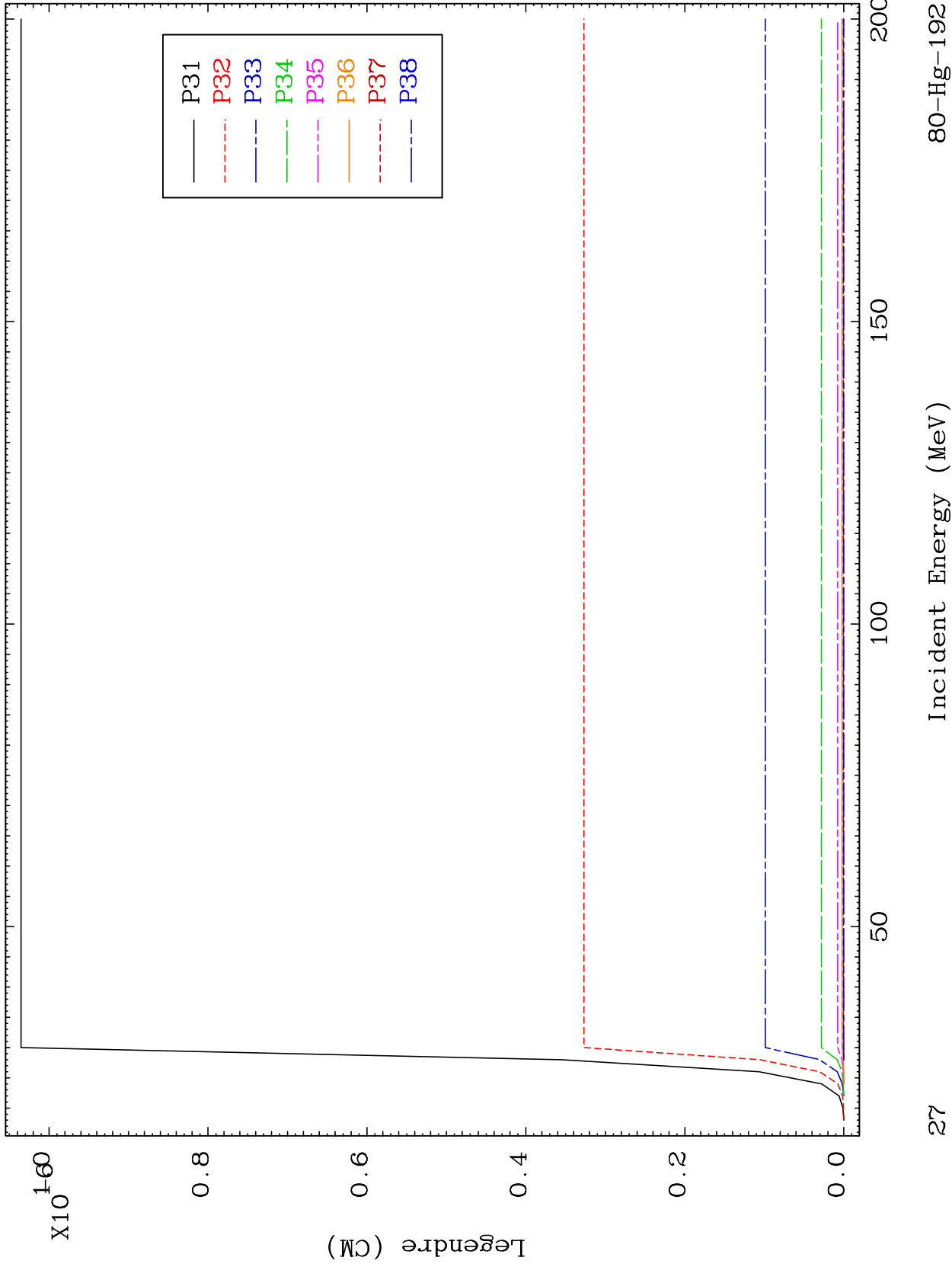
Incident Energy (MeV)

80-Hg-192

MAT 8013

1.058 MeV (n,n') Level
Legendre Coefficients

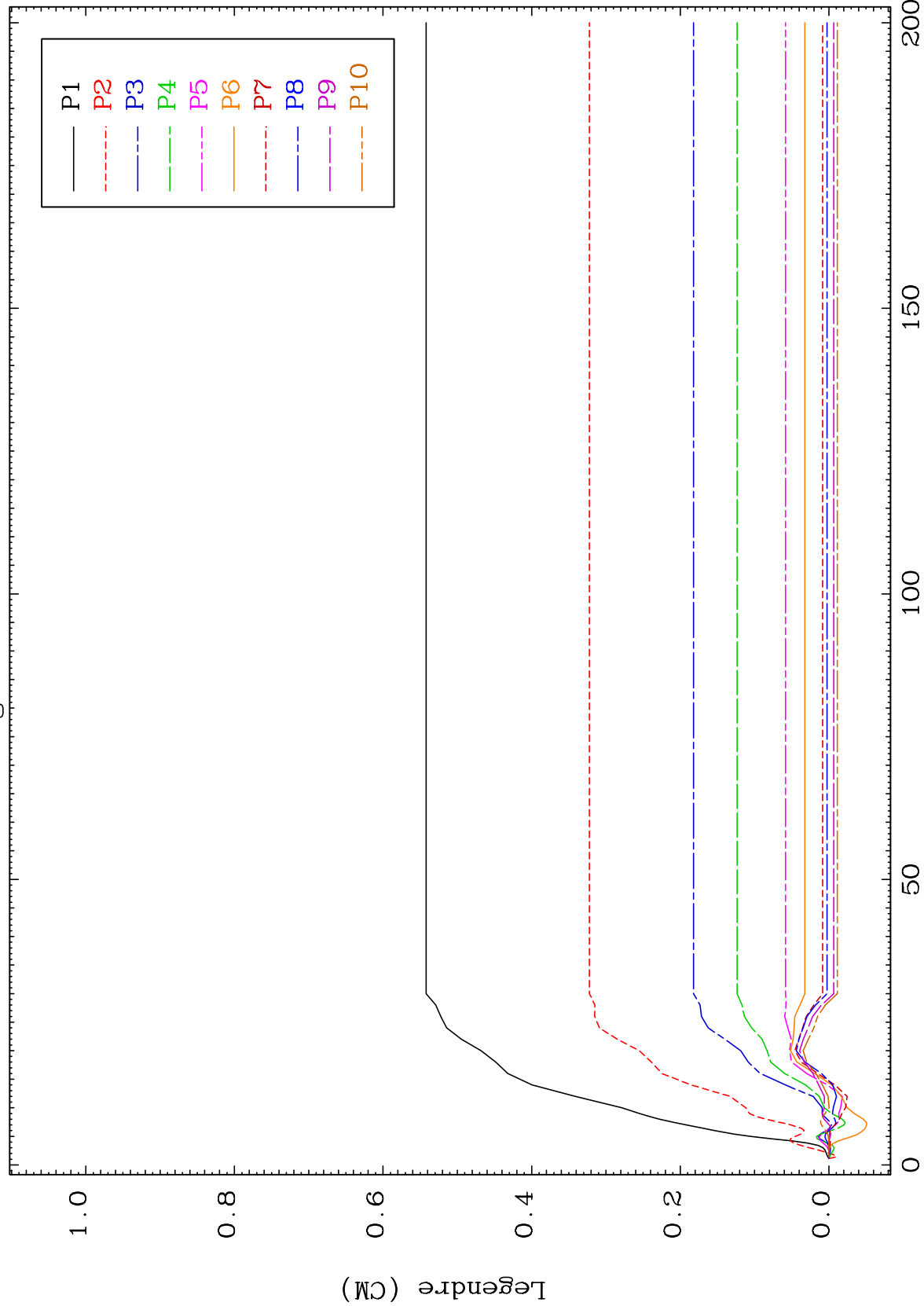
80-Hg-192



MAT 8013

1.114 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



28

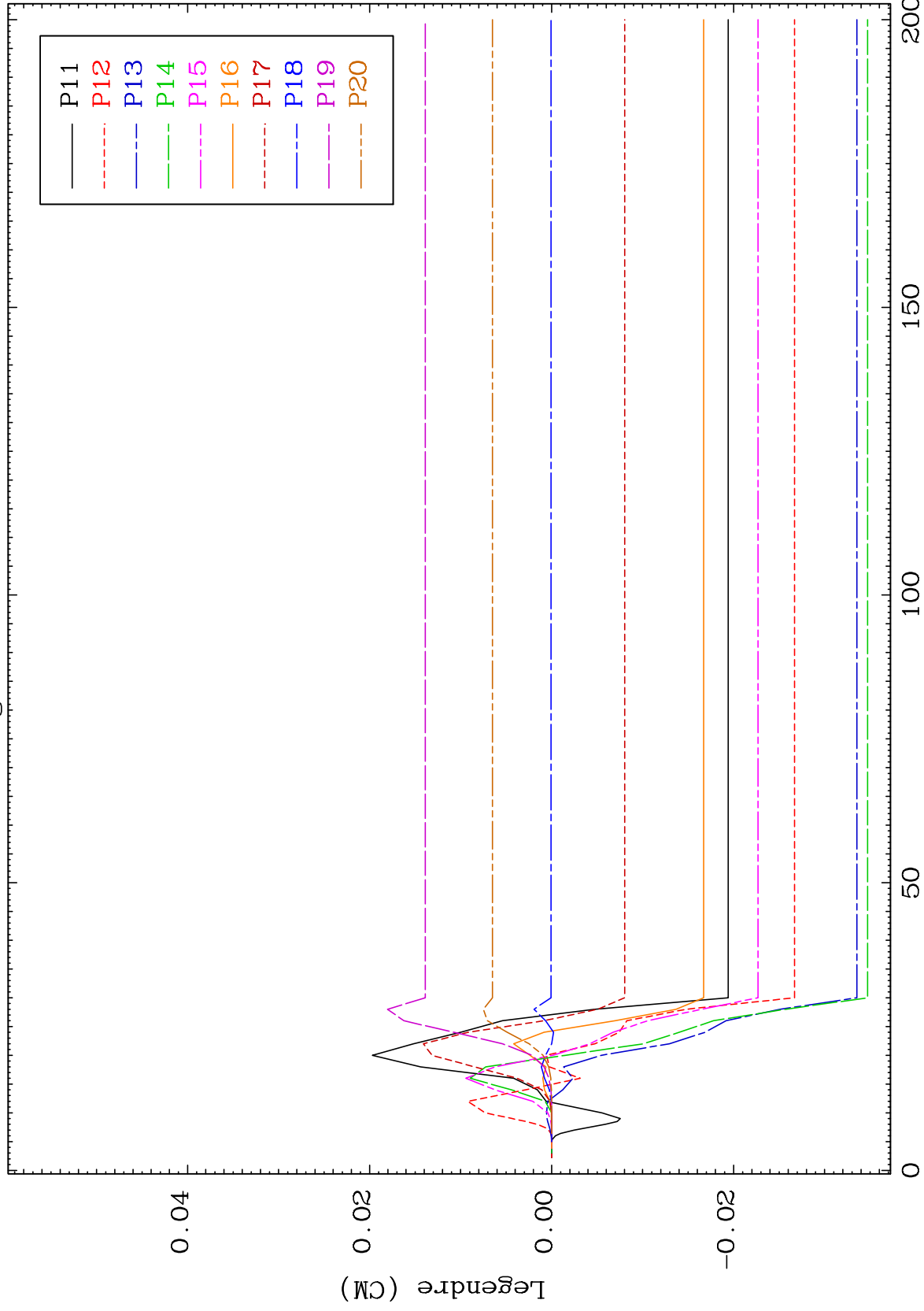
Incident Energy (MeV)

80-Hg-192

MAT 8013

1.114 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



29

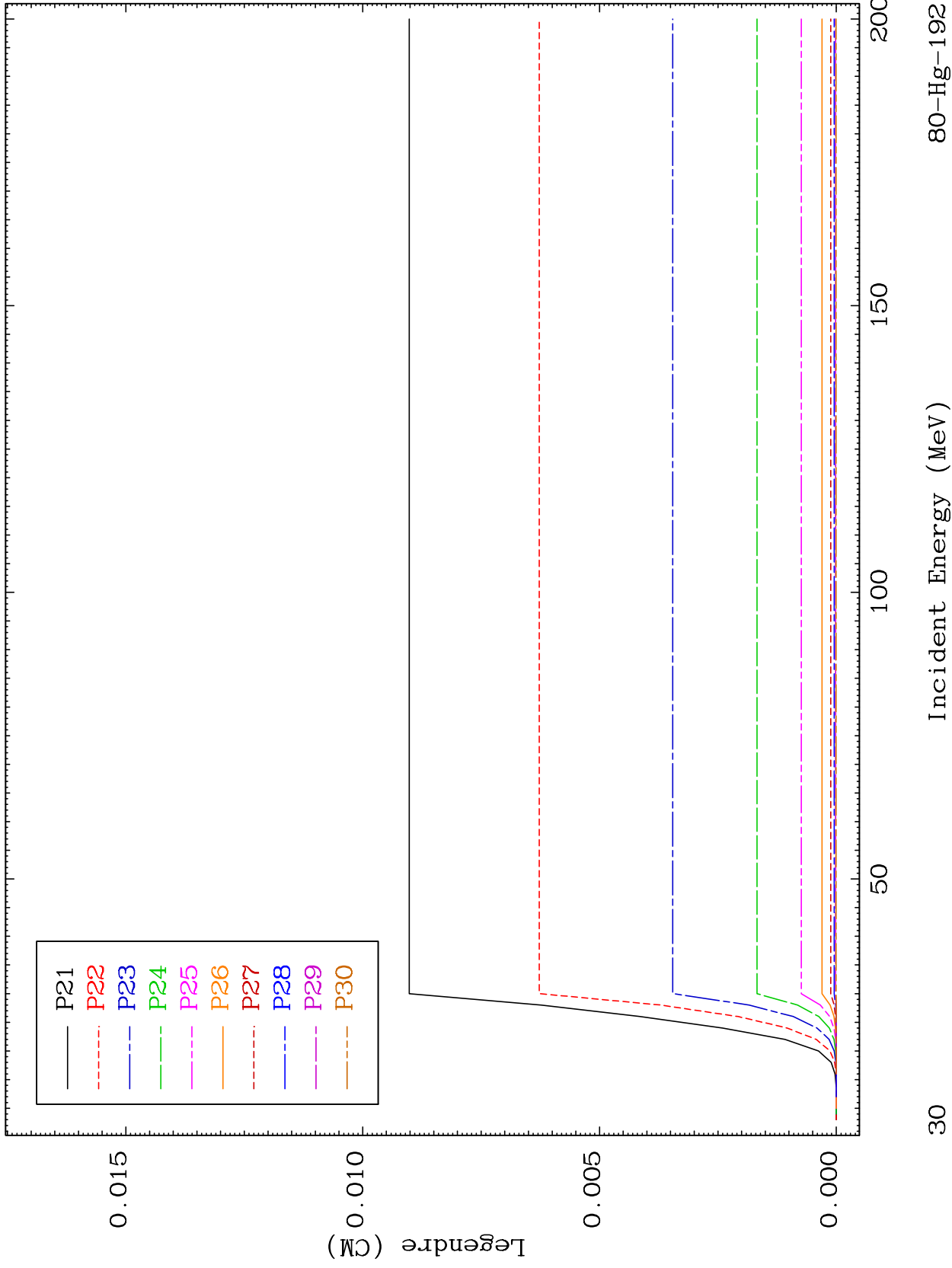
Incident Energy (MeV)

80-Hg-192

MAT 8013

1.114 MeV (n,n') Level
Legendre Coefficients

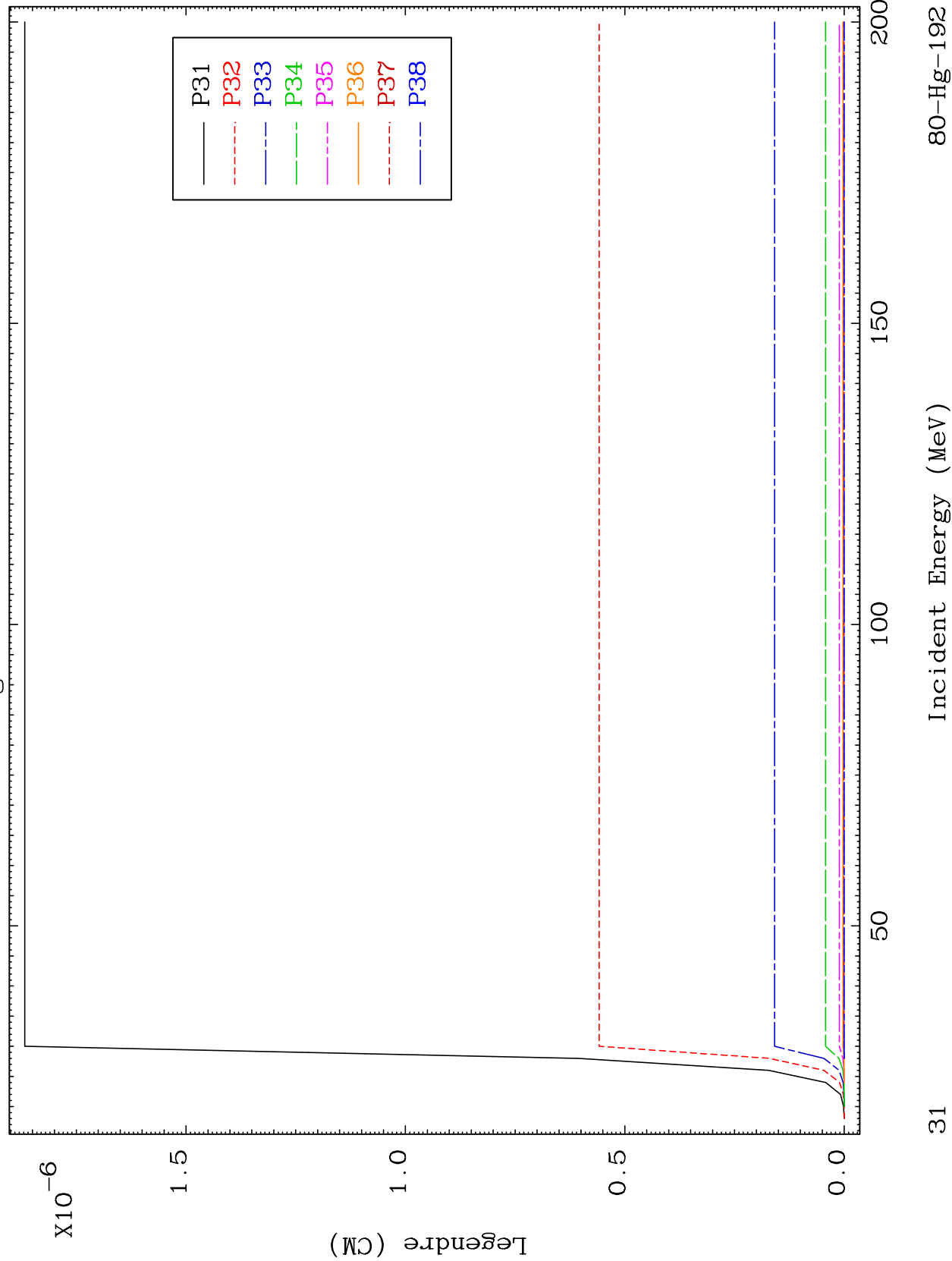
80-Hg-192

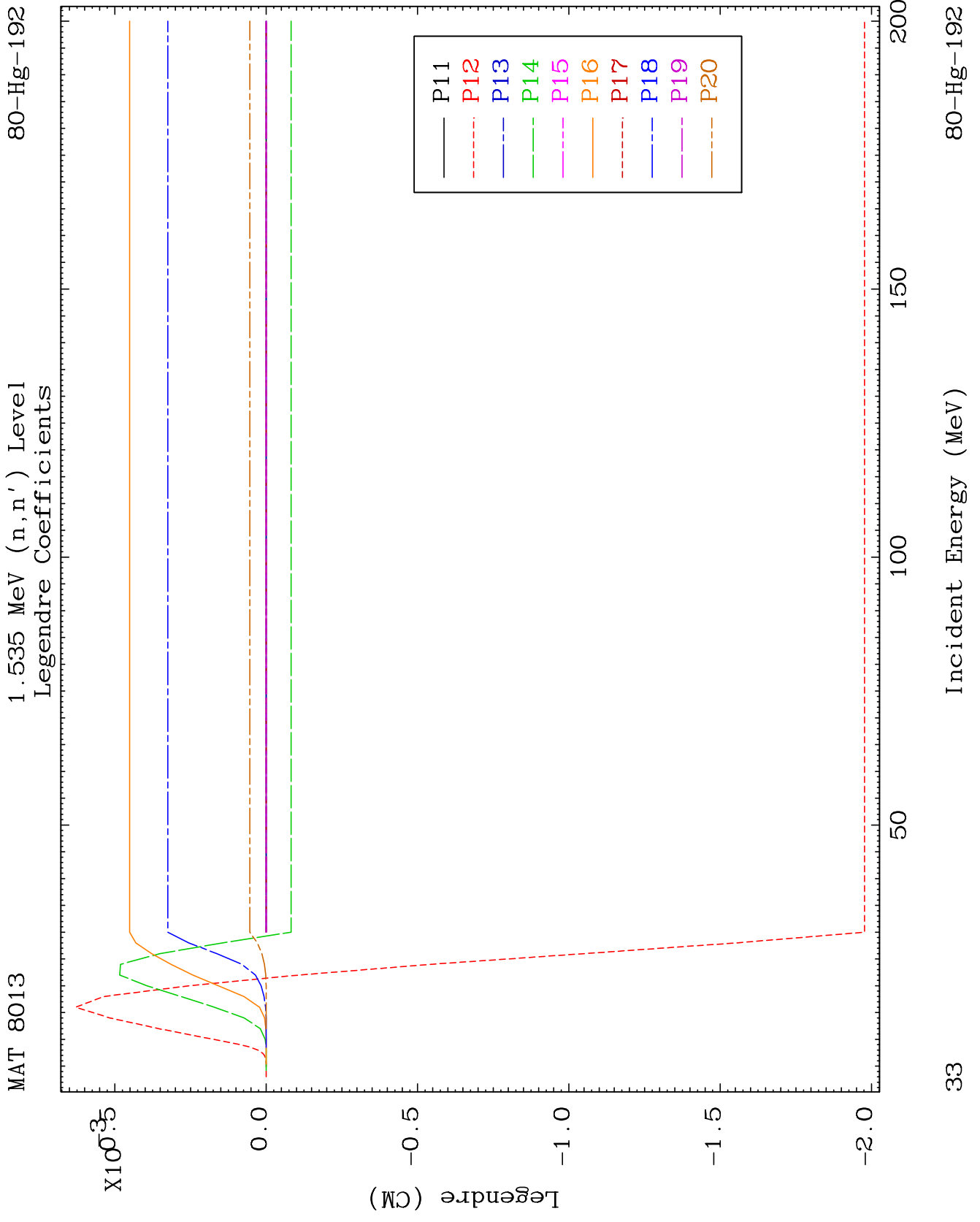


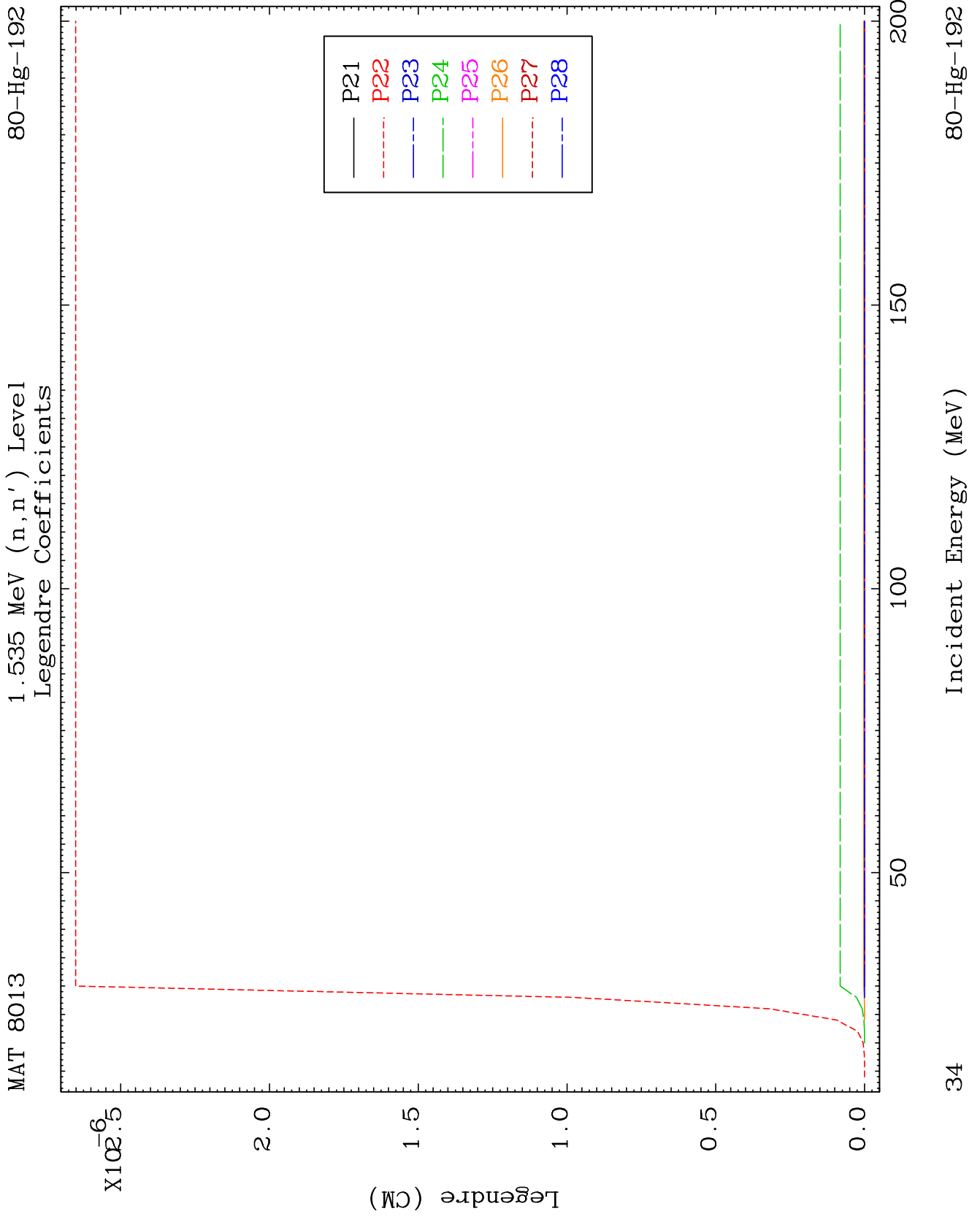
80-Hg-192

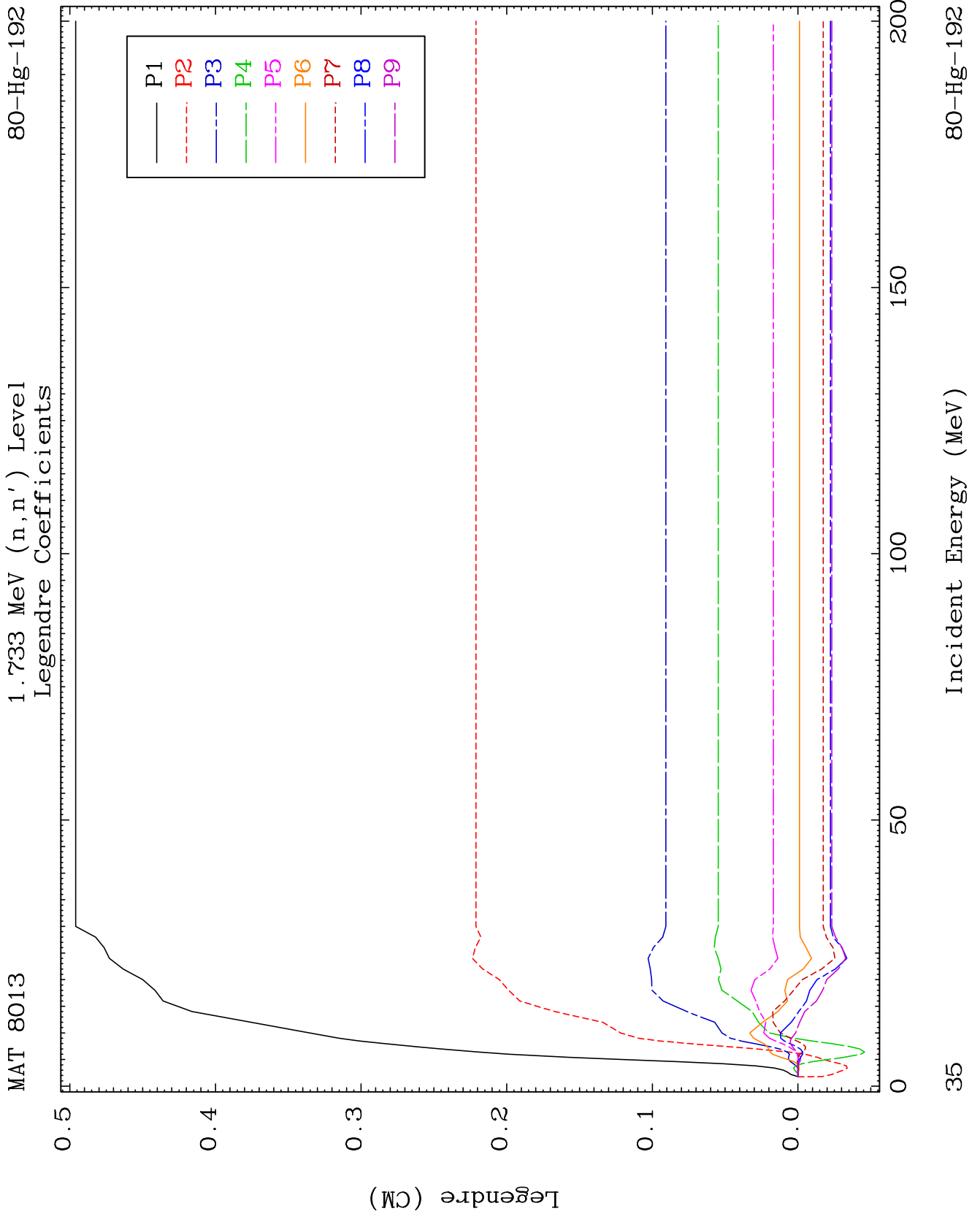
Incident Energy (MeV)

30





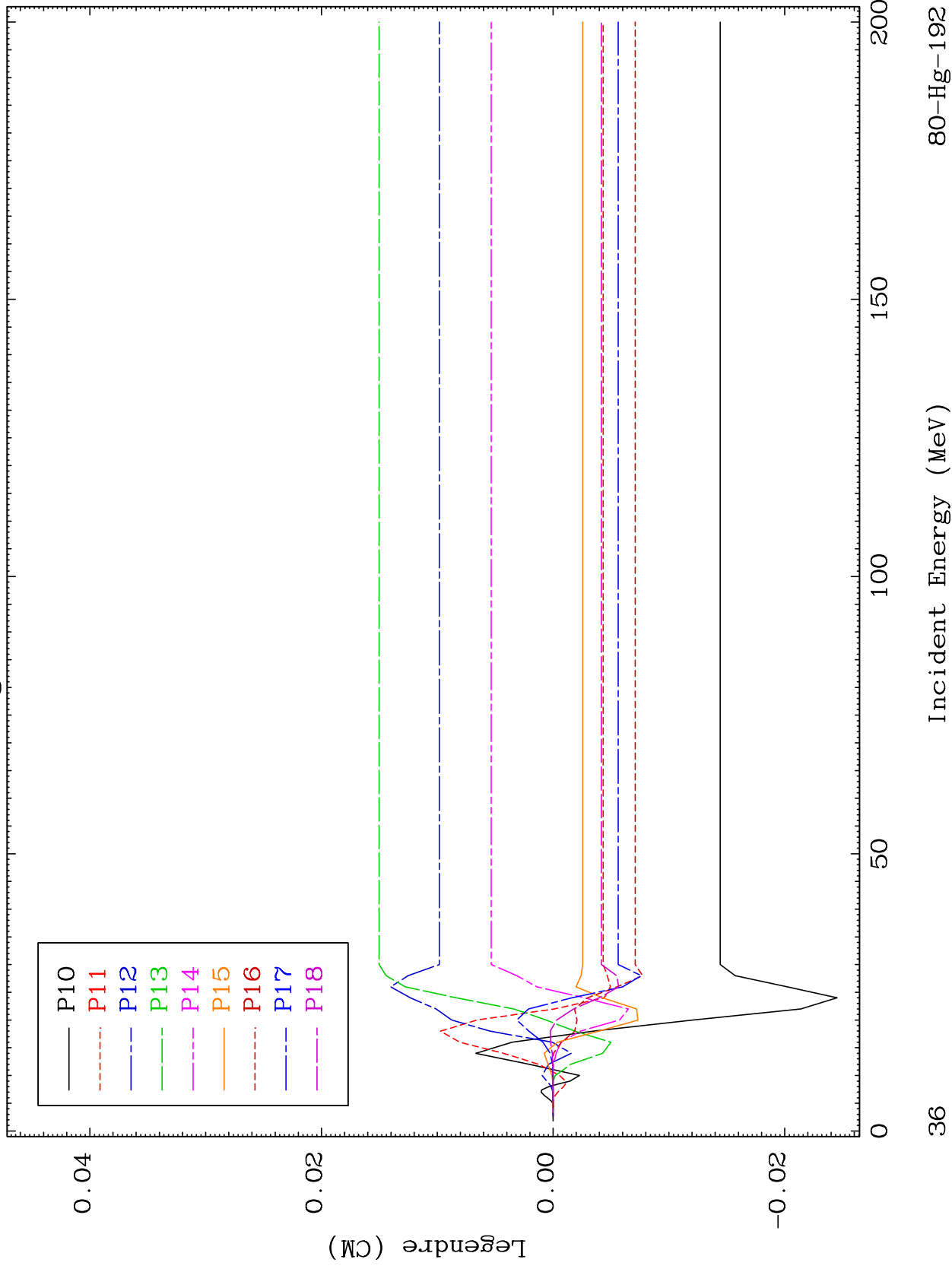




MAT 8013

1.733 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



80-Hg-192

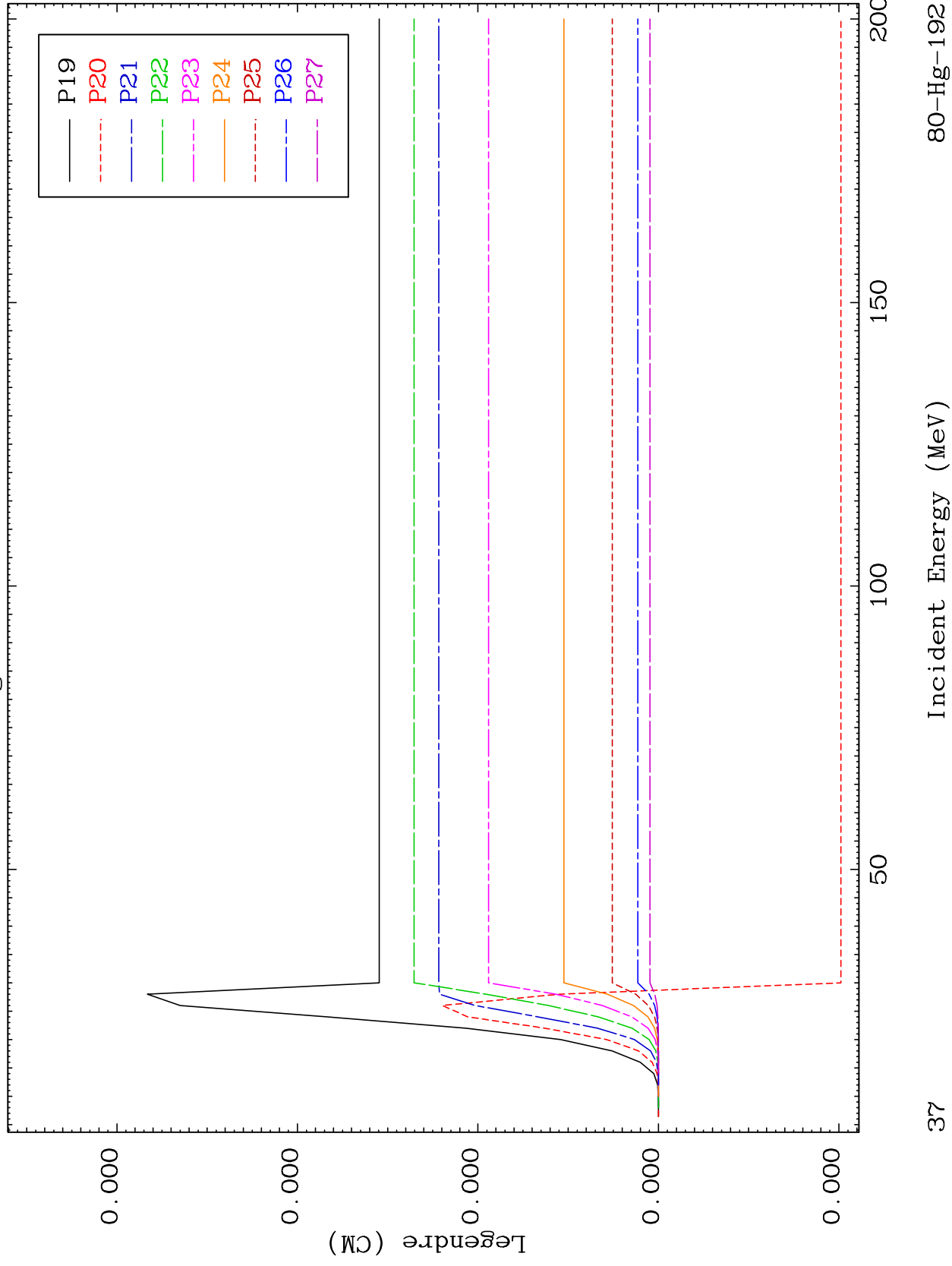
Incident Energy (MeV)

36

MAT 8013

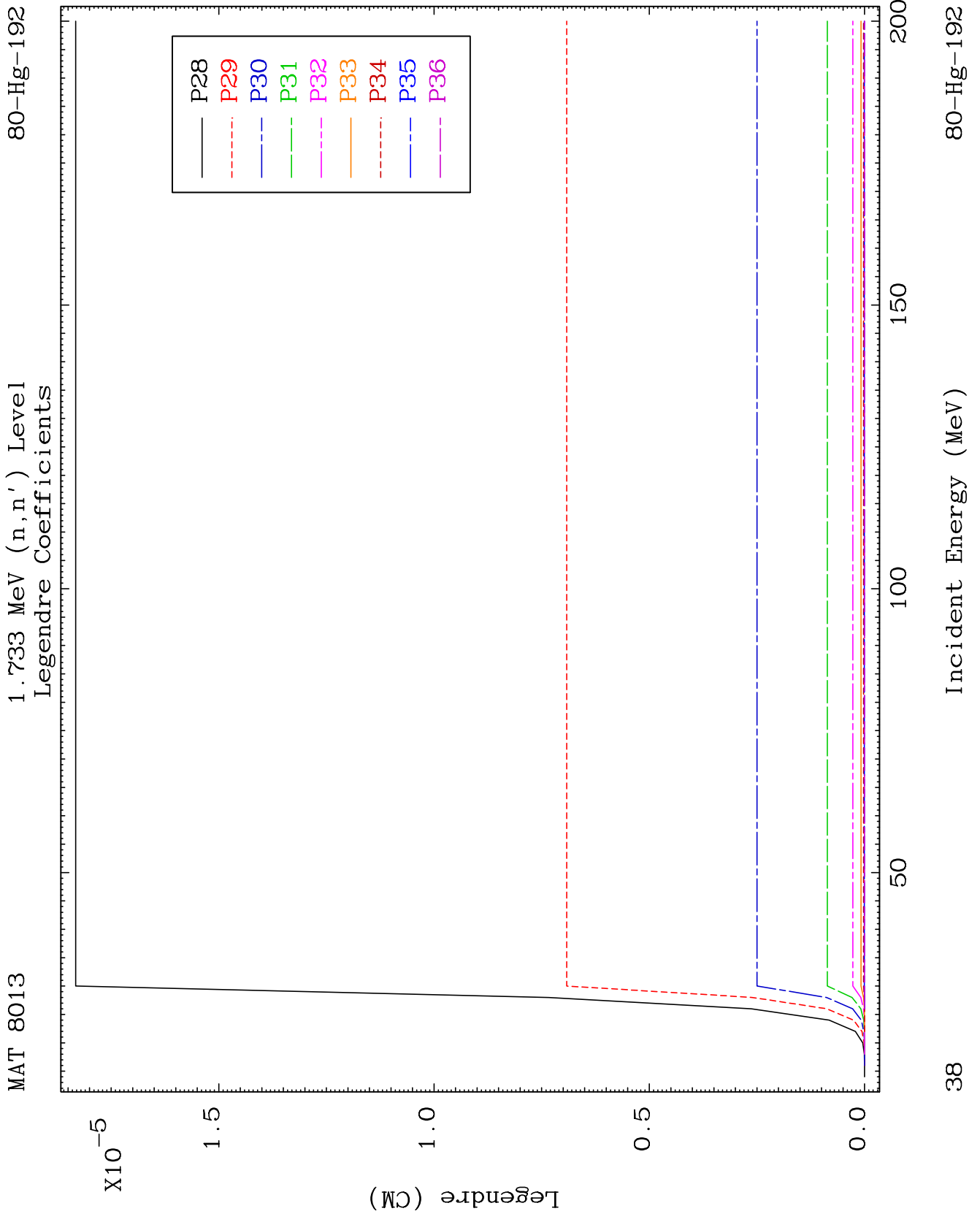
1.733 MeV (n,n') Level
Legendre Coefficients

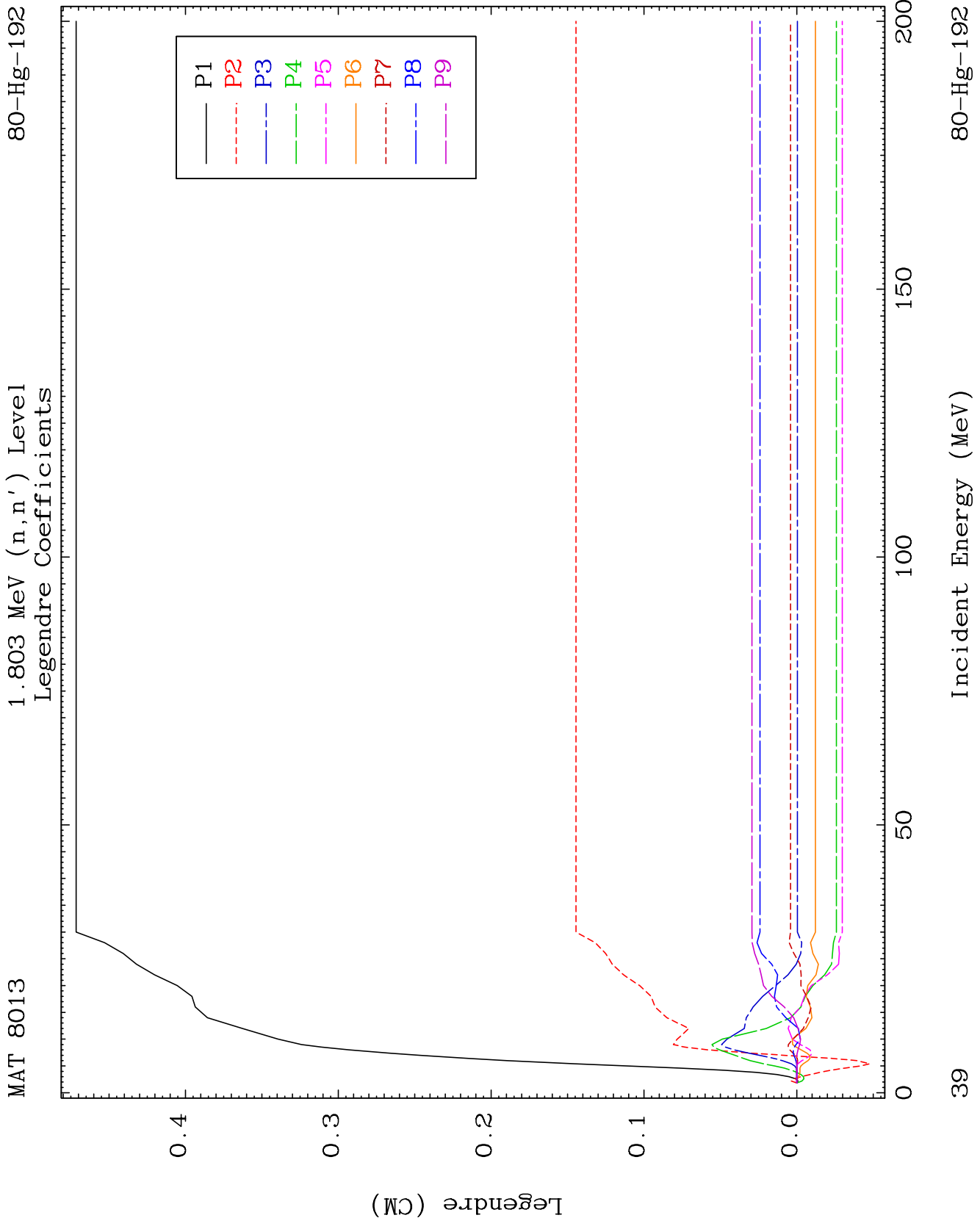
80-Hg-192

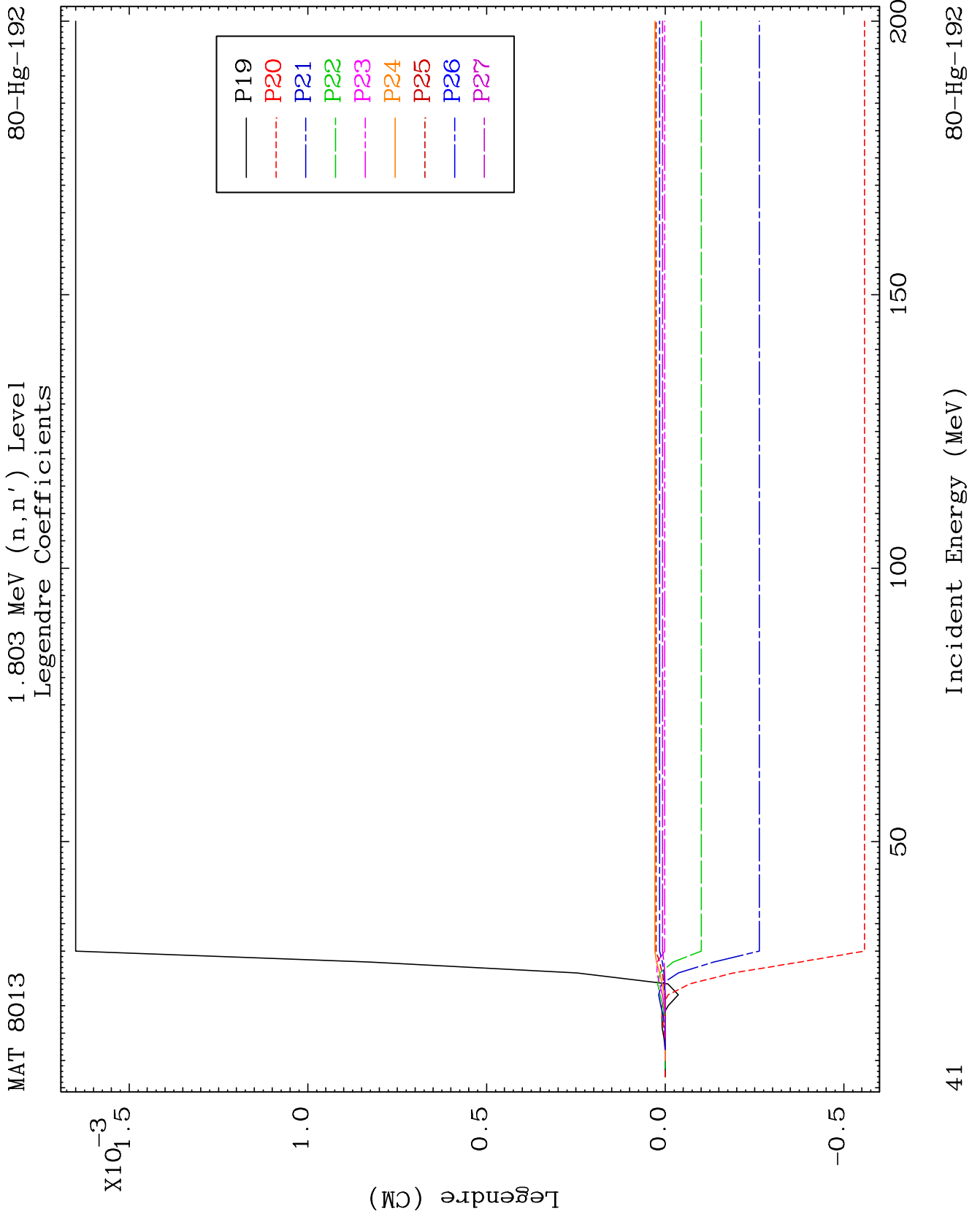


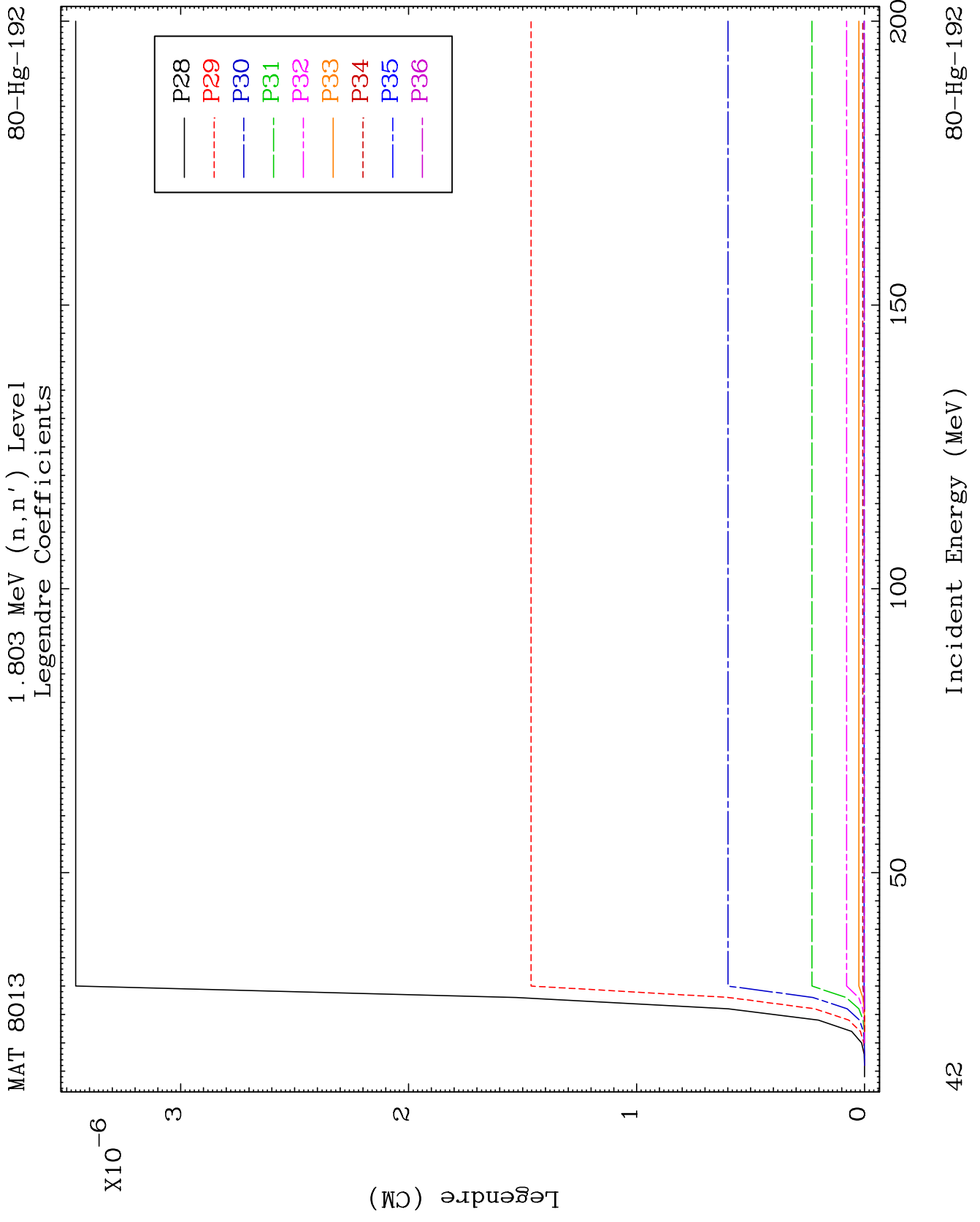
37

80-Hg-192





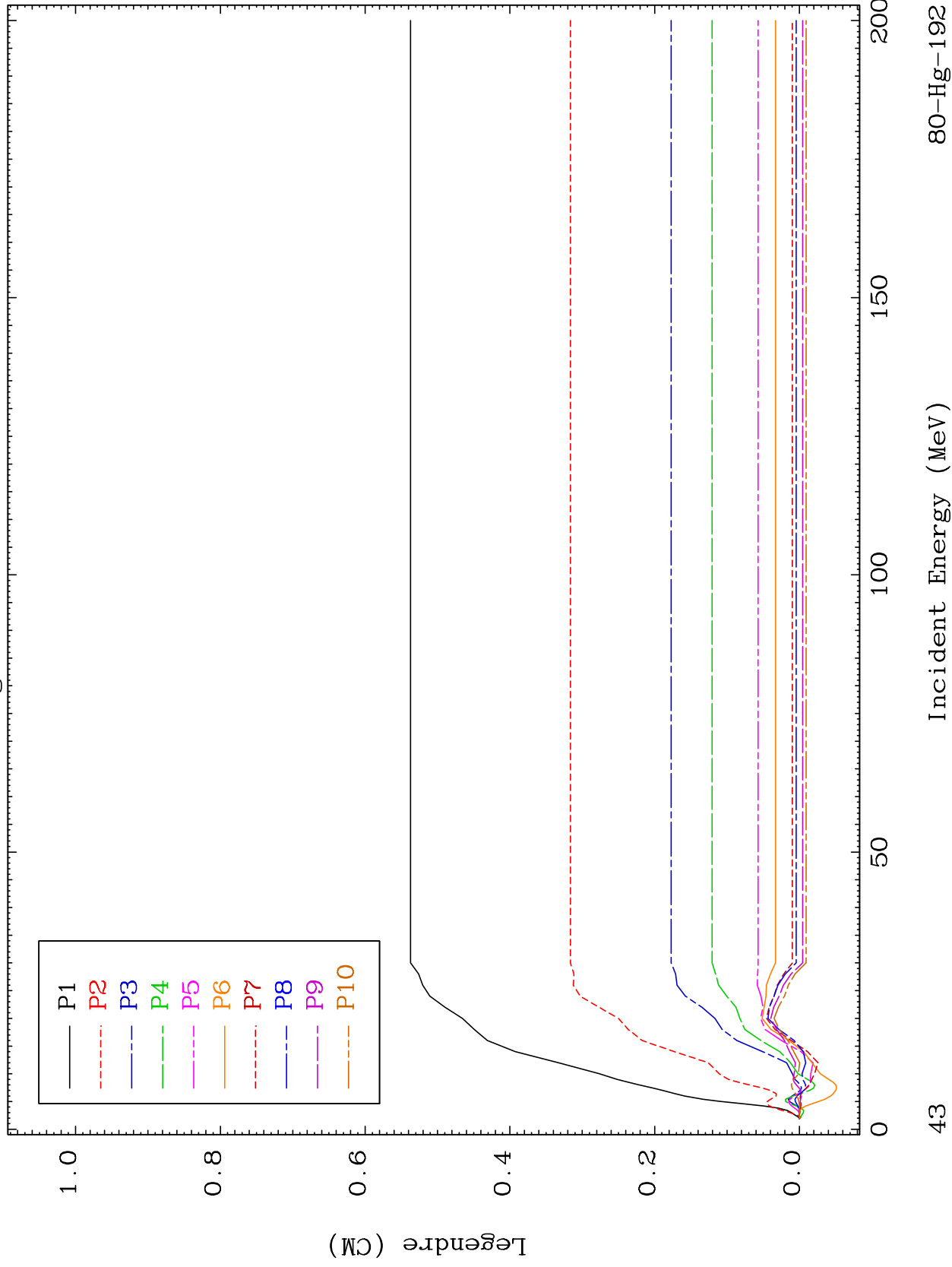




MAT 8013

1.832 MeV (n, n') Level
Legendre Coefficients

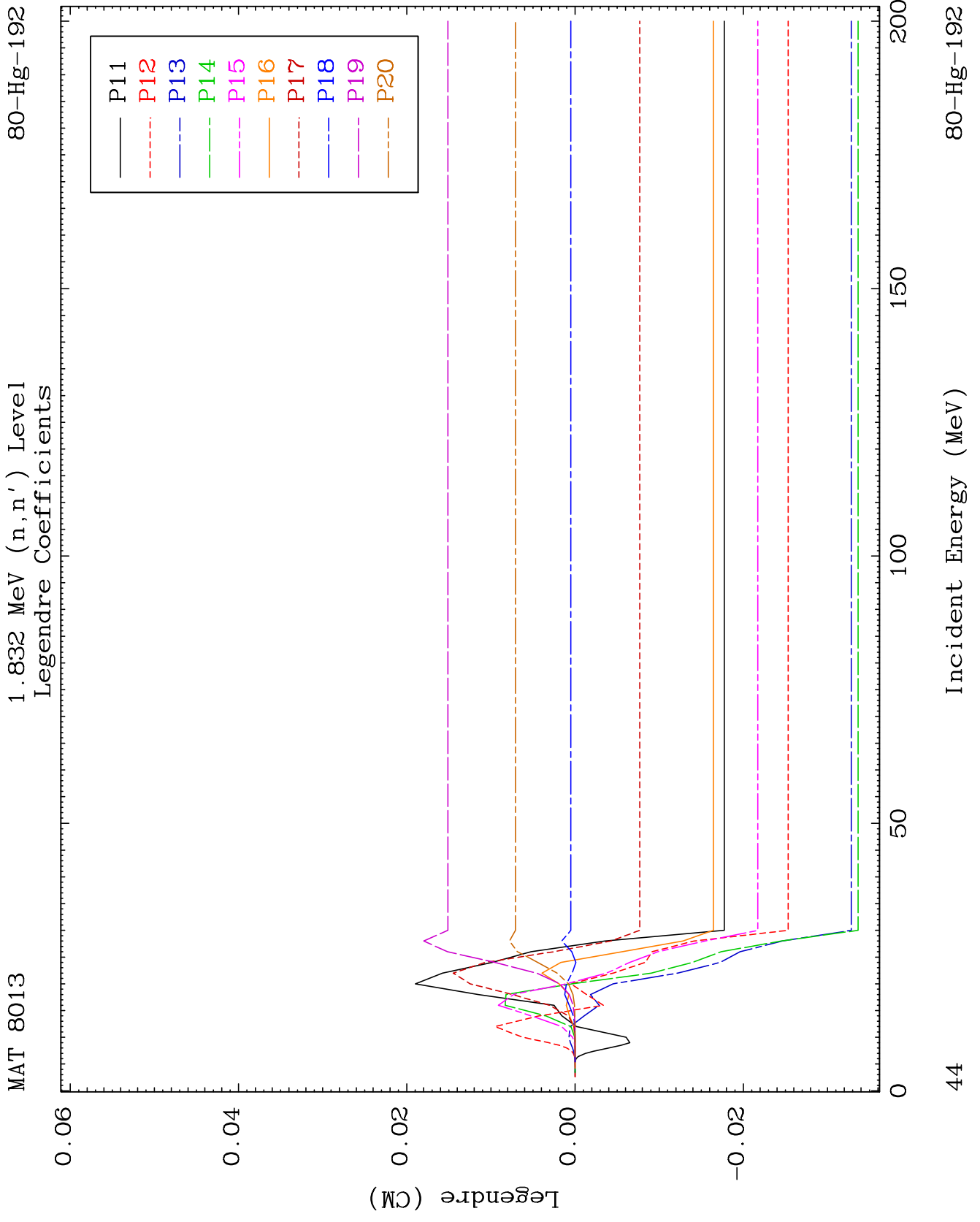
80-Hg-192



43

Incident Energy (MeV)

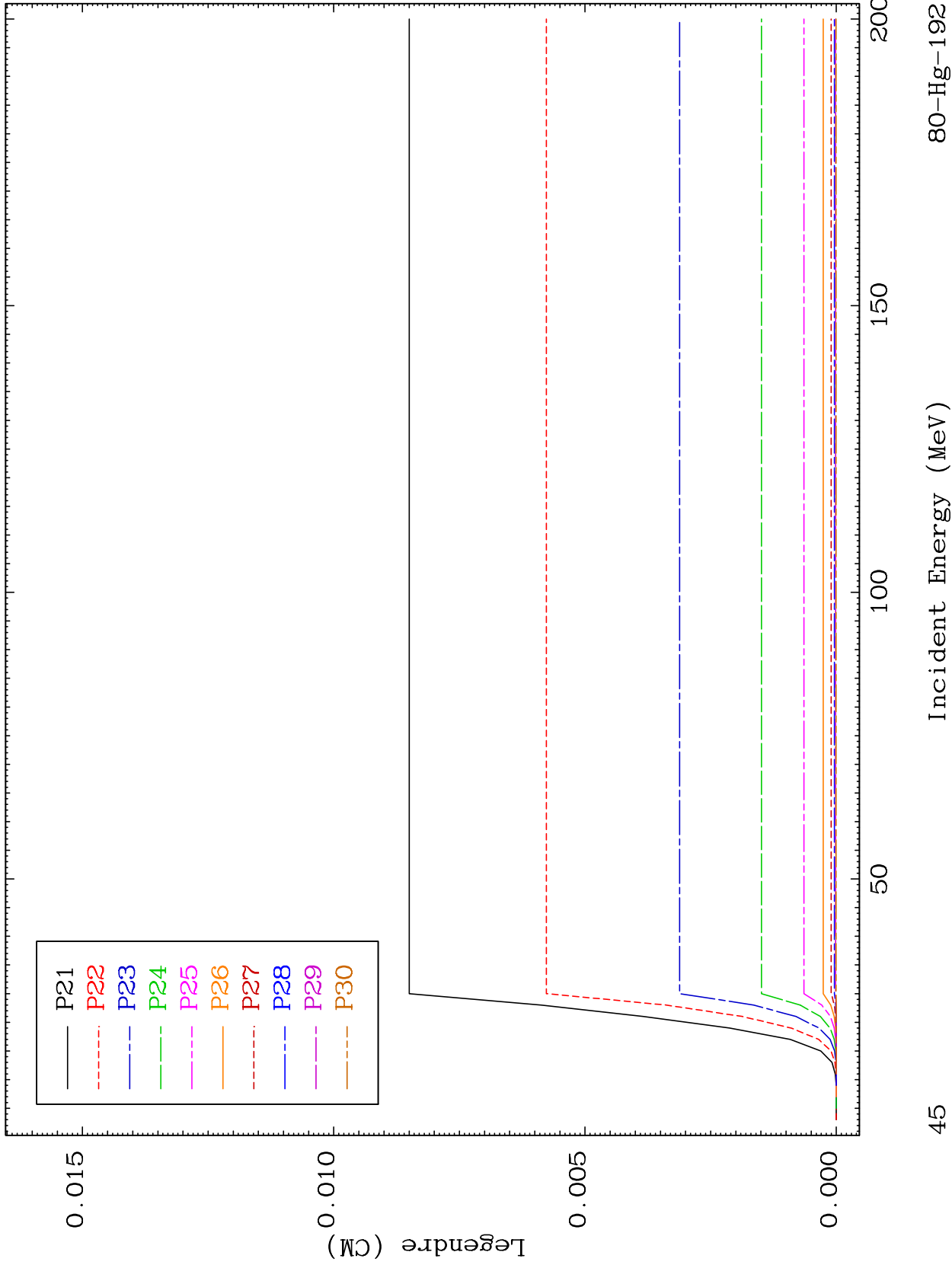
80-Hg-192



MAT 8013

1.832 MeV (n, n') Level
Legendre Coefficients

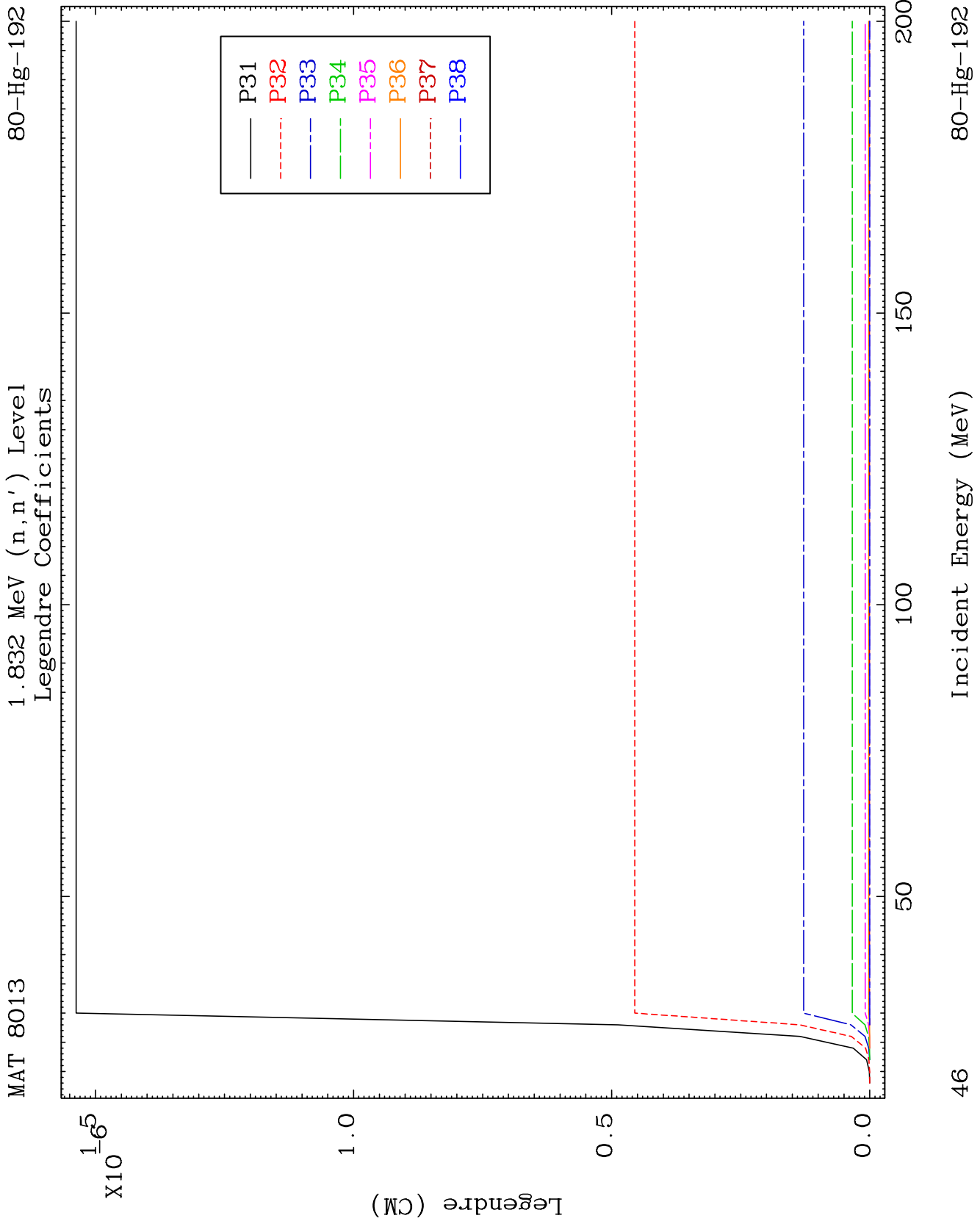
80-Hg-192

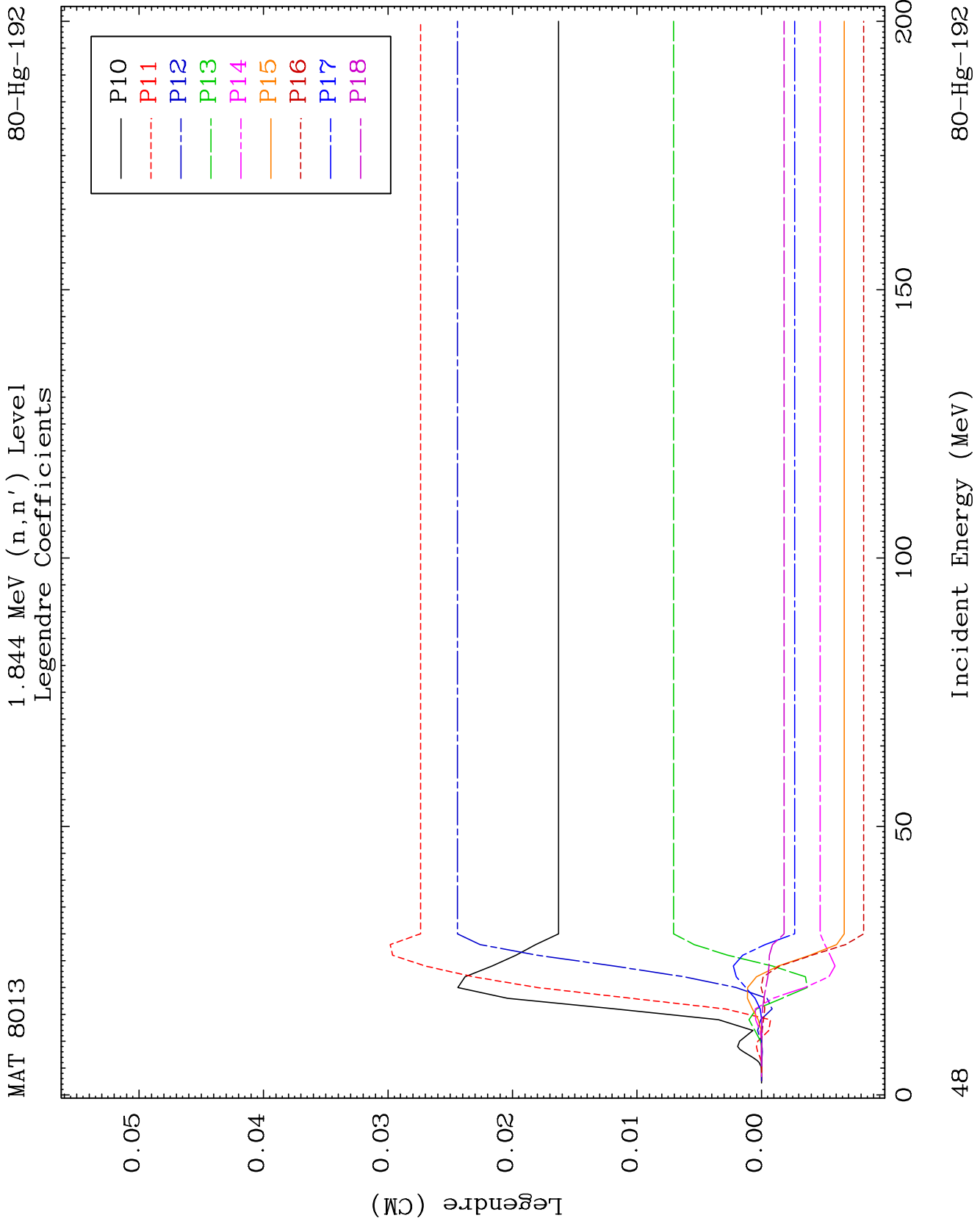


45

Incident Energy (MeV)

80-Hg-192

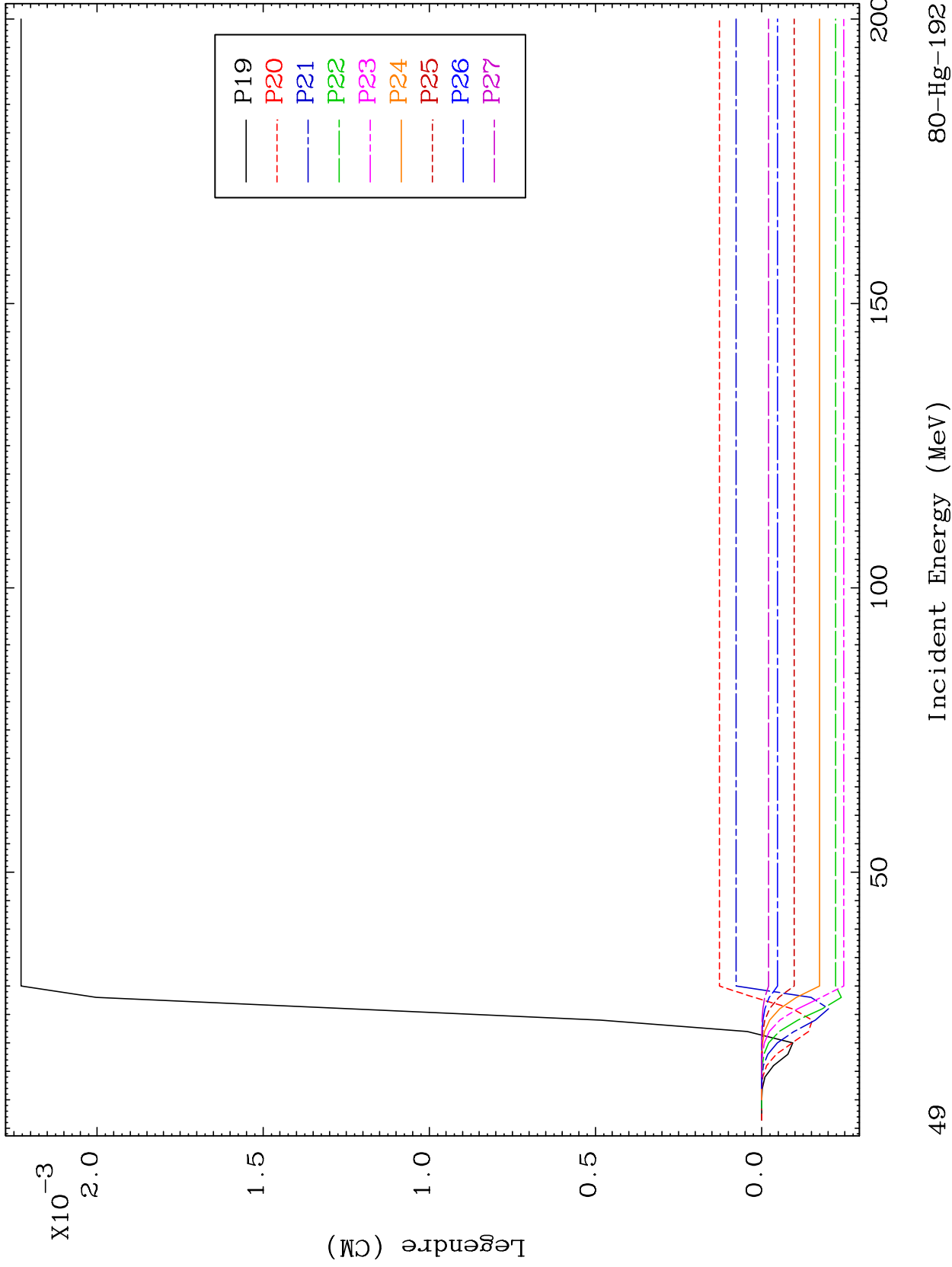




MAT 8013

1.844 MeV (n,n') Level
Legendre Coefficients

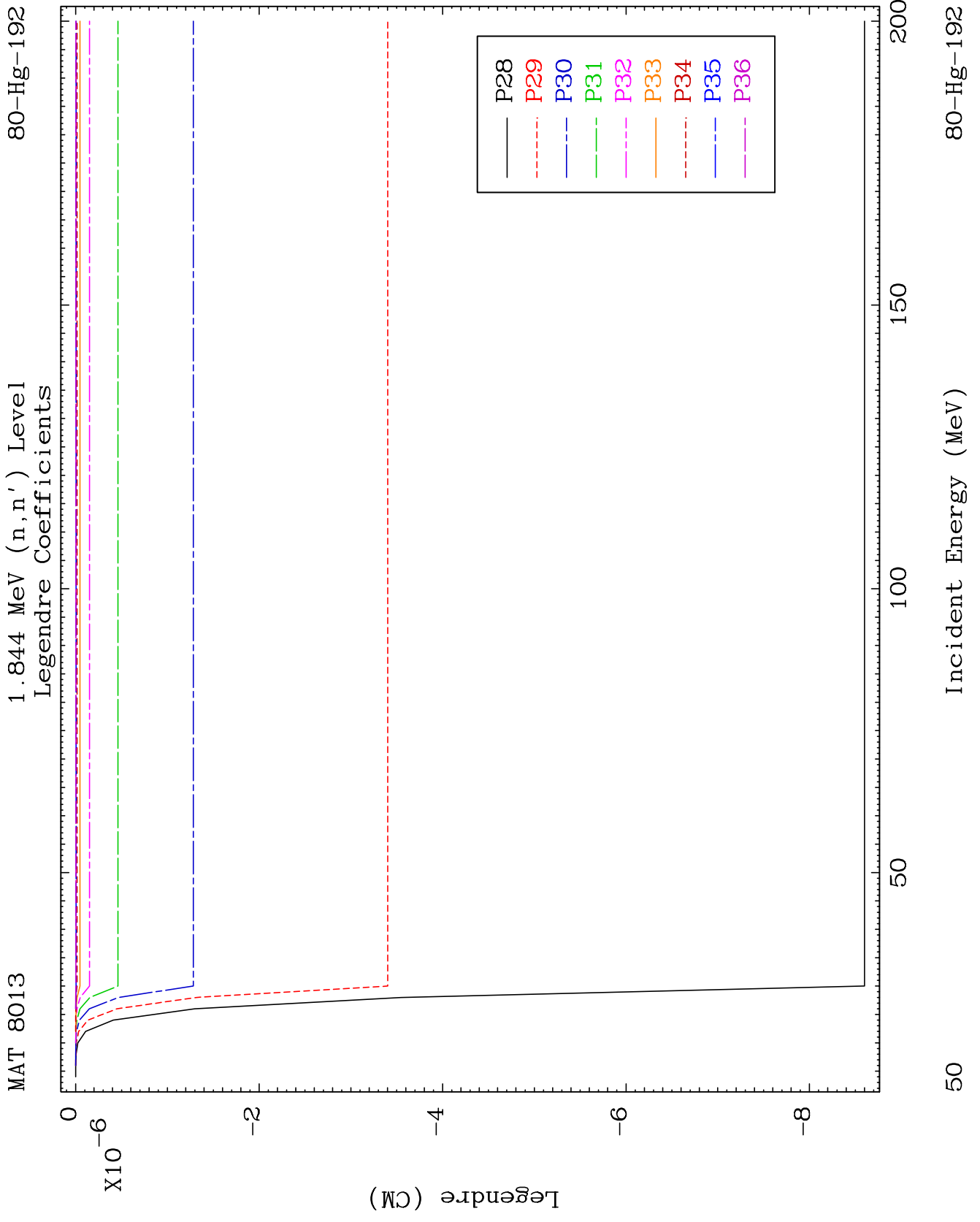
80-Hg-192



49

Incident Energy (MeV)

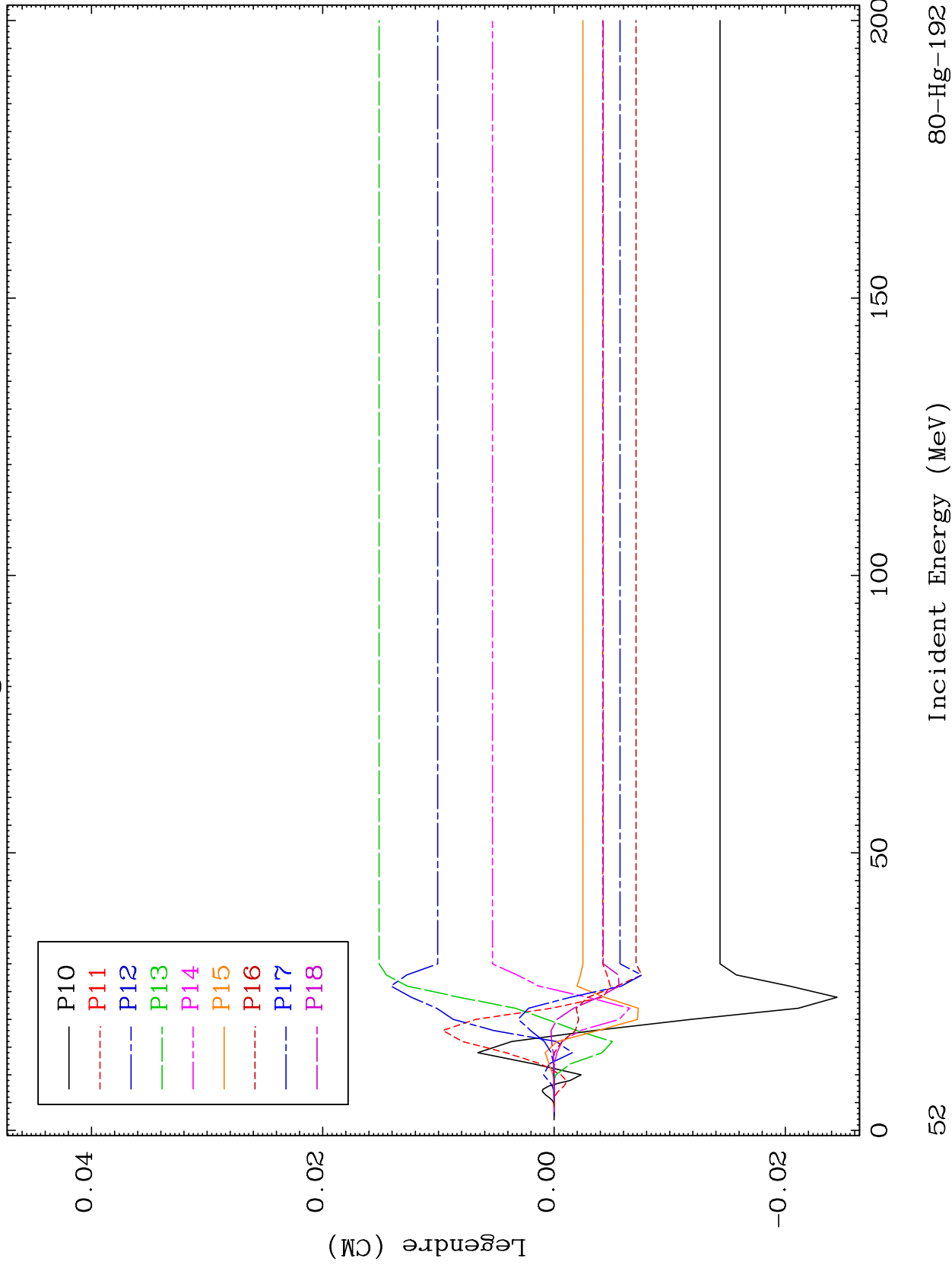
80-Hg-192



MAT 8013

1.877 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



80-Hg-192

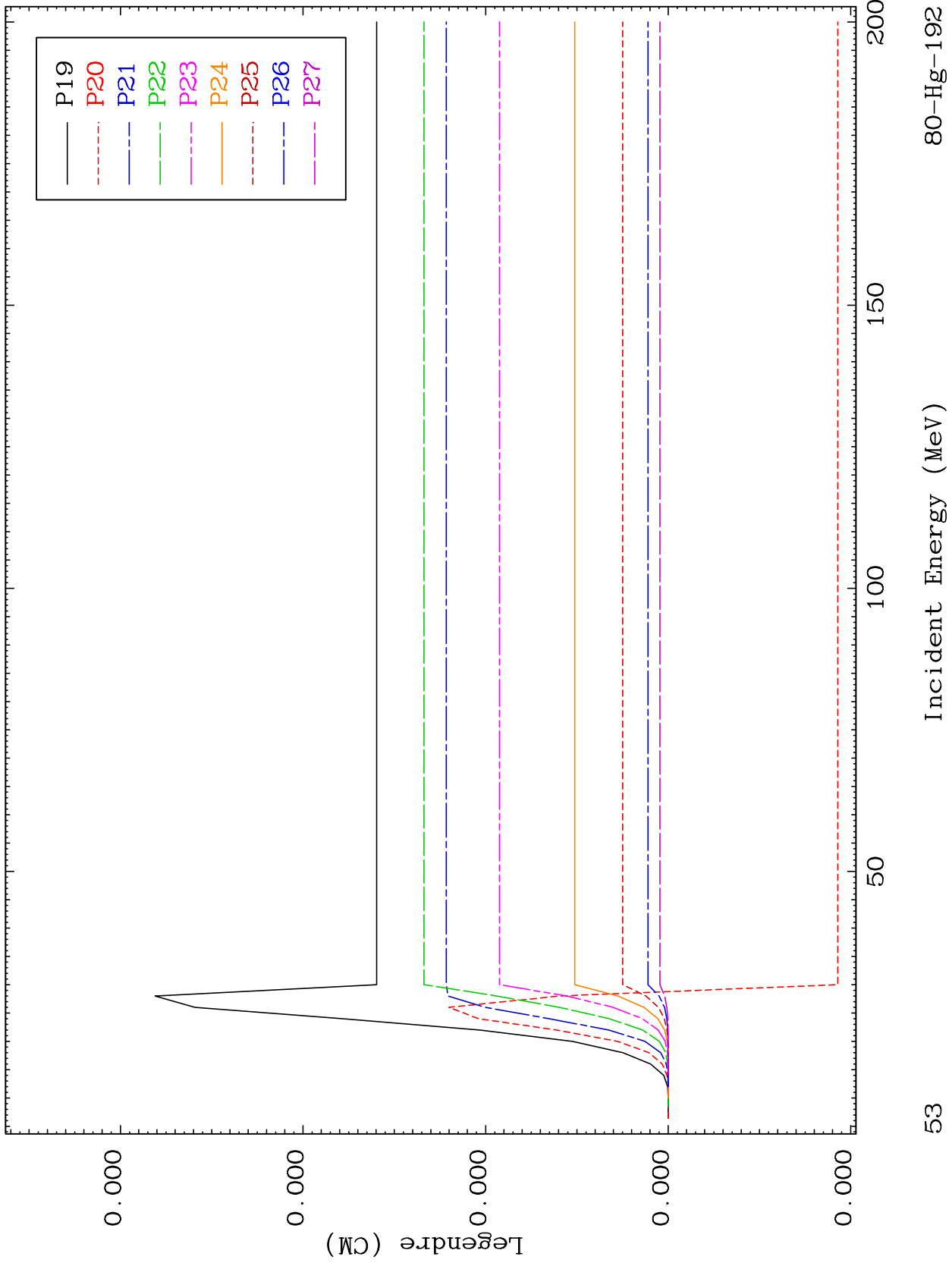
Incident Energy (MeV)

52

MAT 8013

1.877 MeV (n,n') Level
Legendre Coefficients

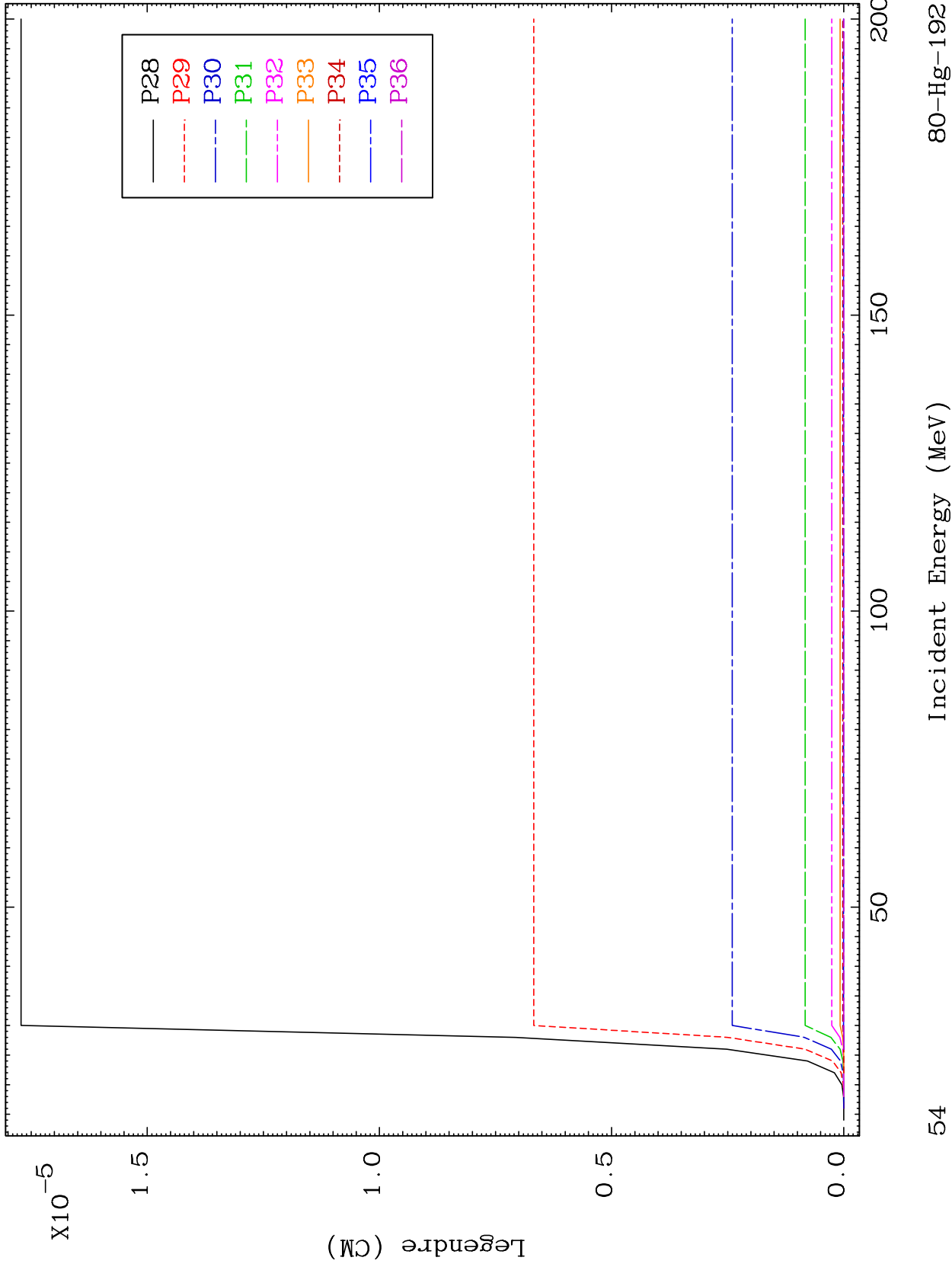
80-Hg-192



MAT 8013

1.877 MeV (n,n') Level
Legendre Coefficients

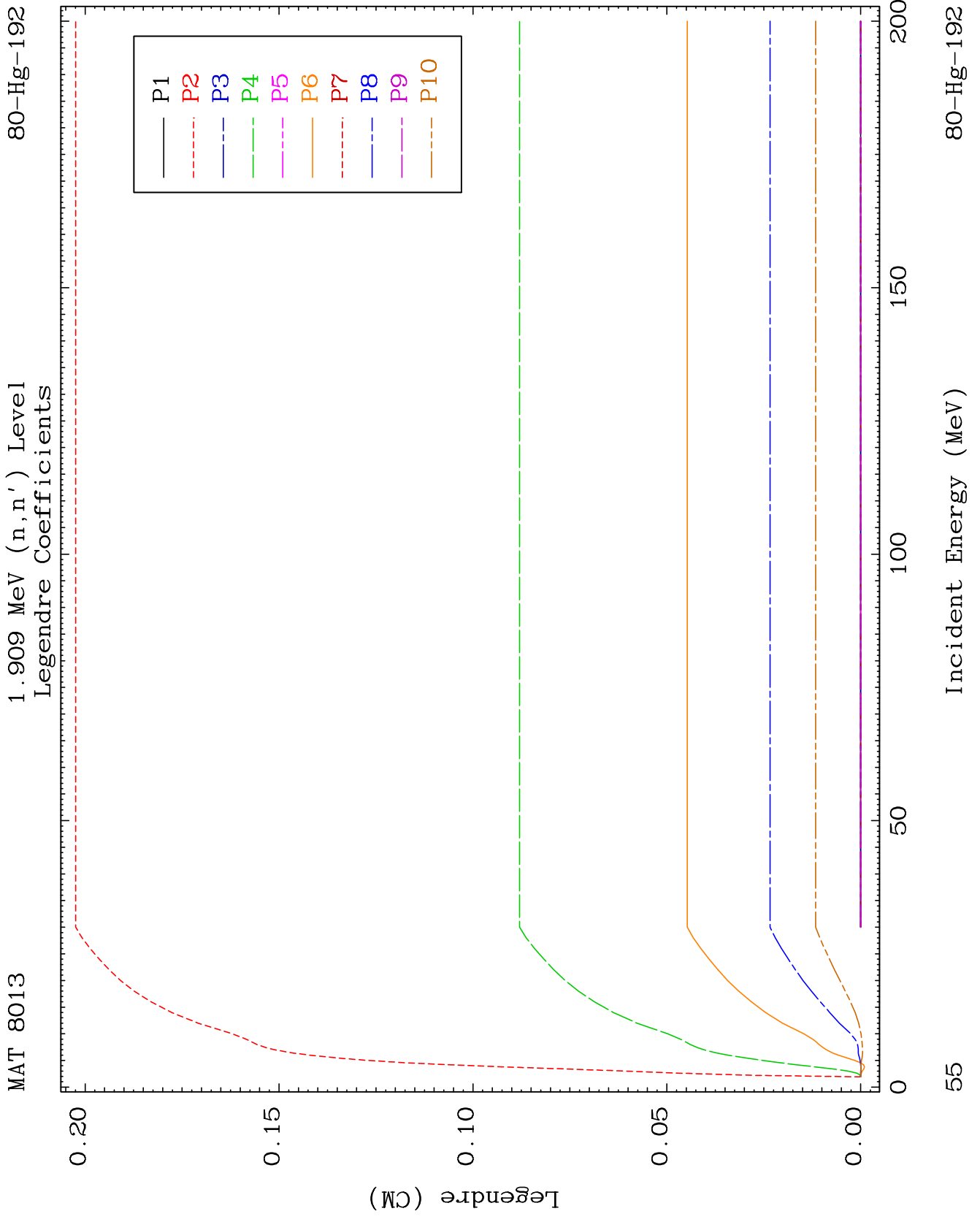
80-Hg-192

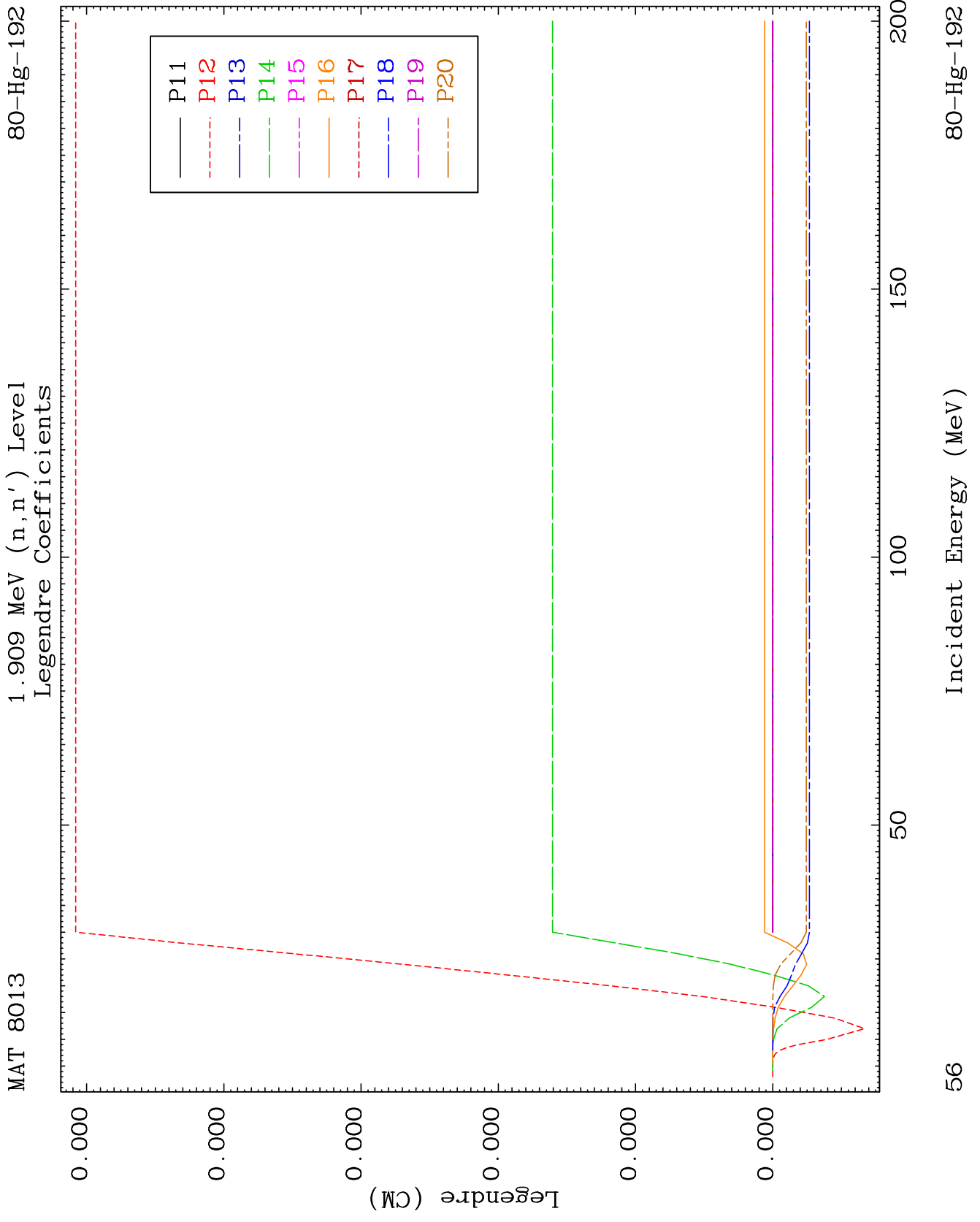


54

Incident Energy (MeV)

80-Hg-192

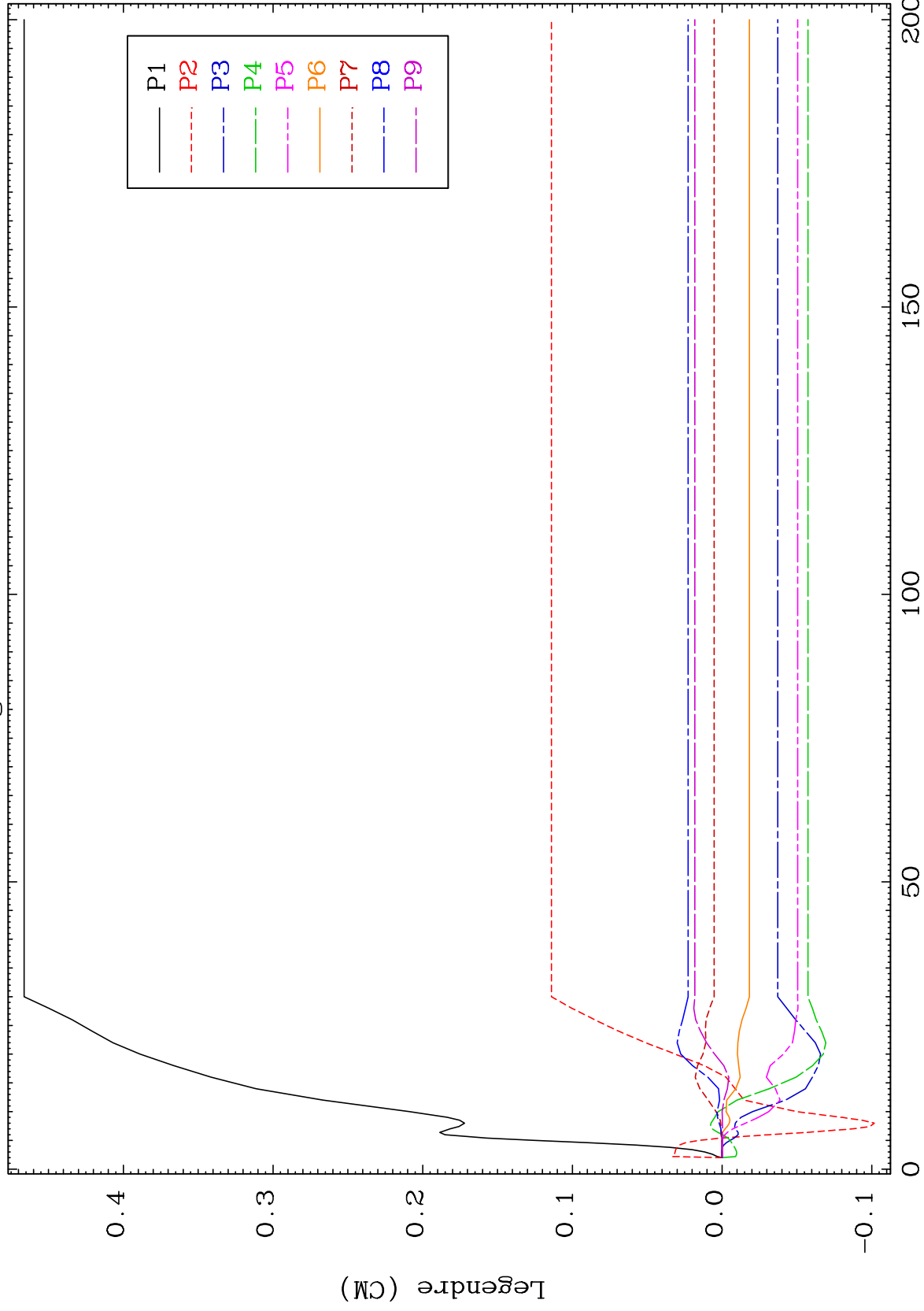




MAT 8013

1.977 MeV (n,n') Level
Legendre Coefficients

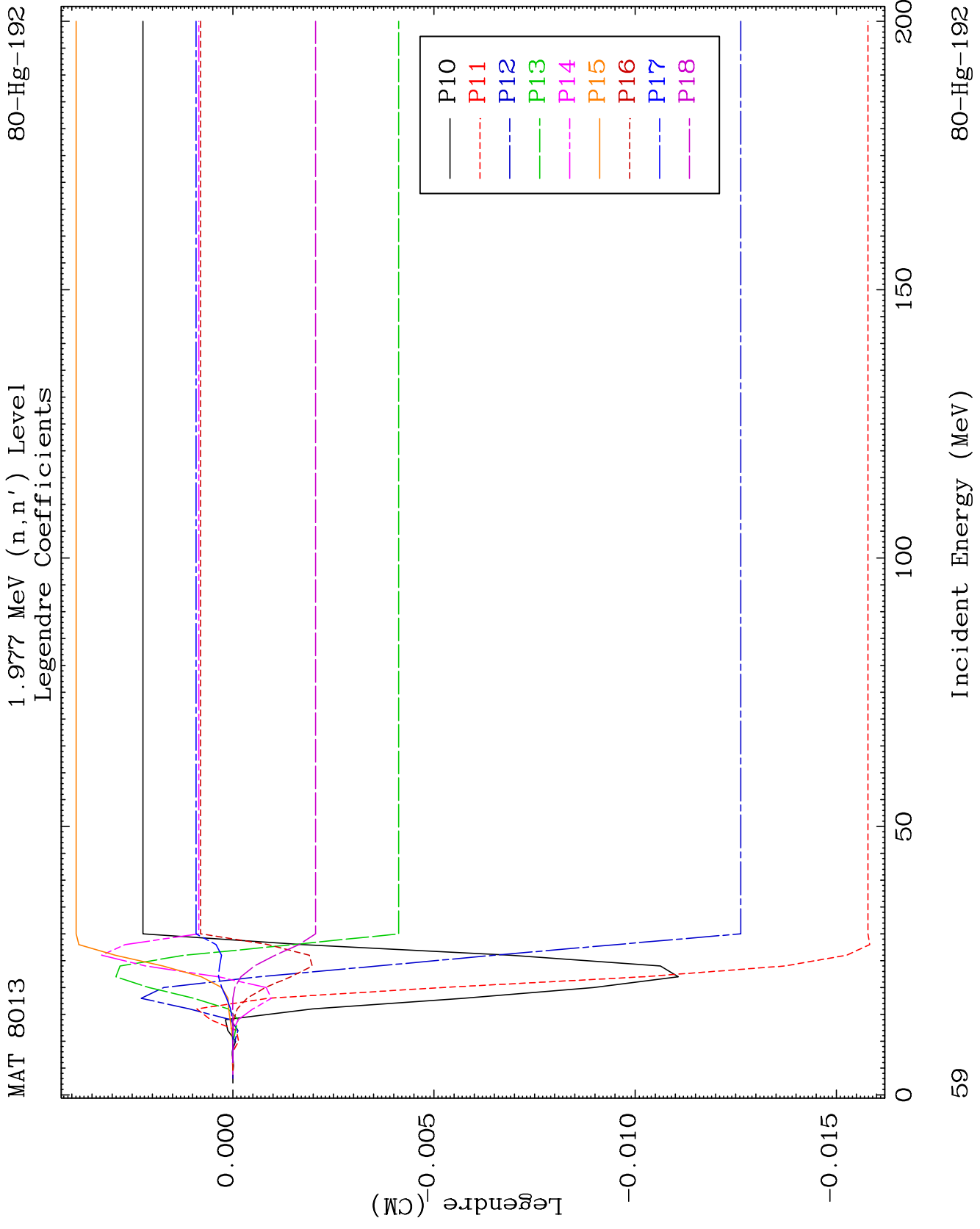
80-Hg-192



58

Incident Energy (MeV)

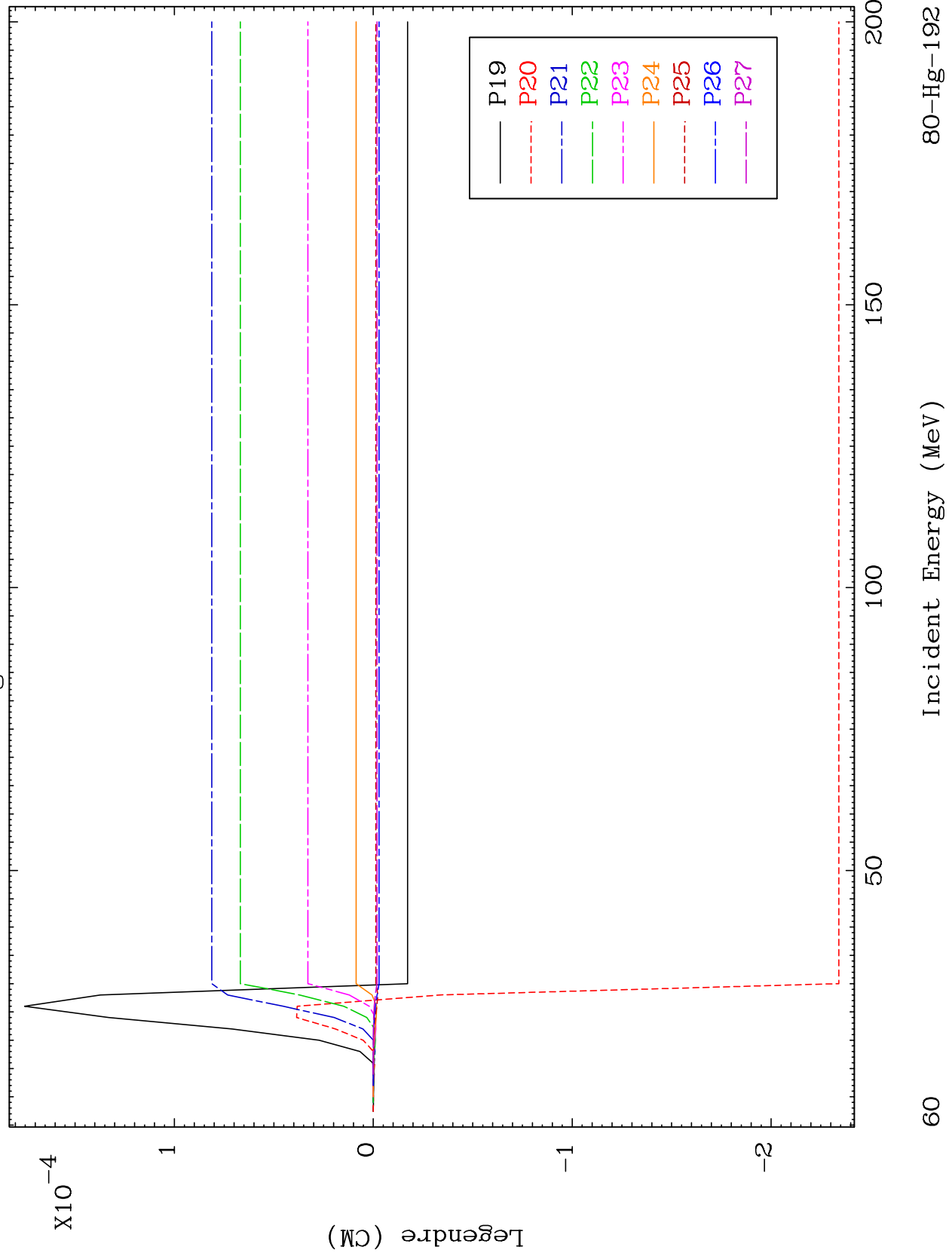
80-Hg-192



MAT 8013

1.977 MeV (n, n') Level
Legendre Coefficients

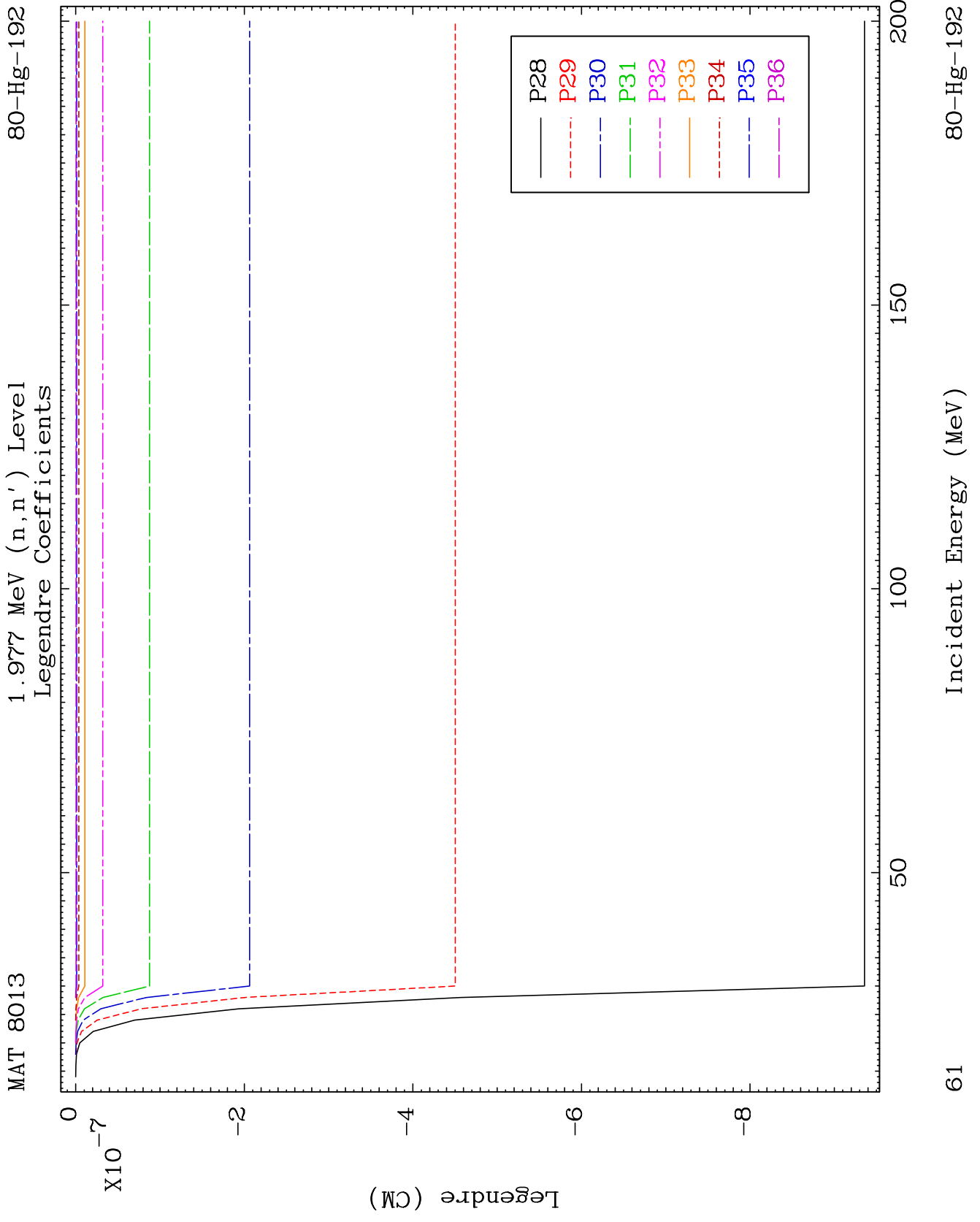
80-Hg-192



60

Incident Energy (MeV)

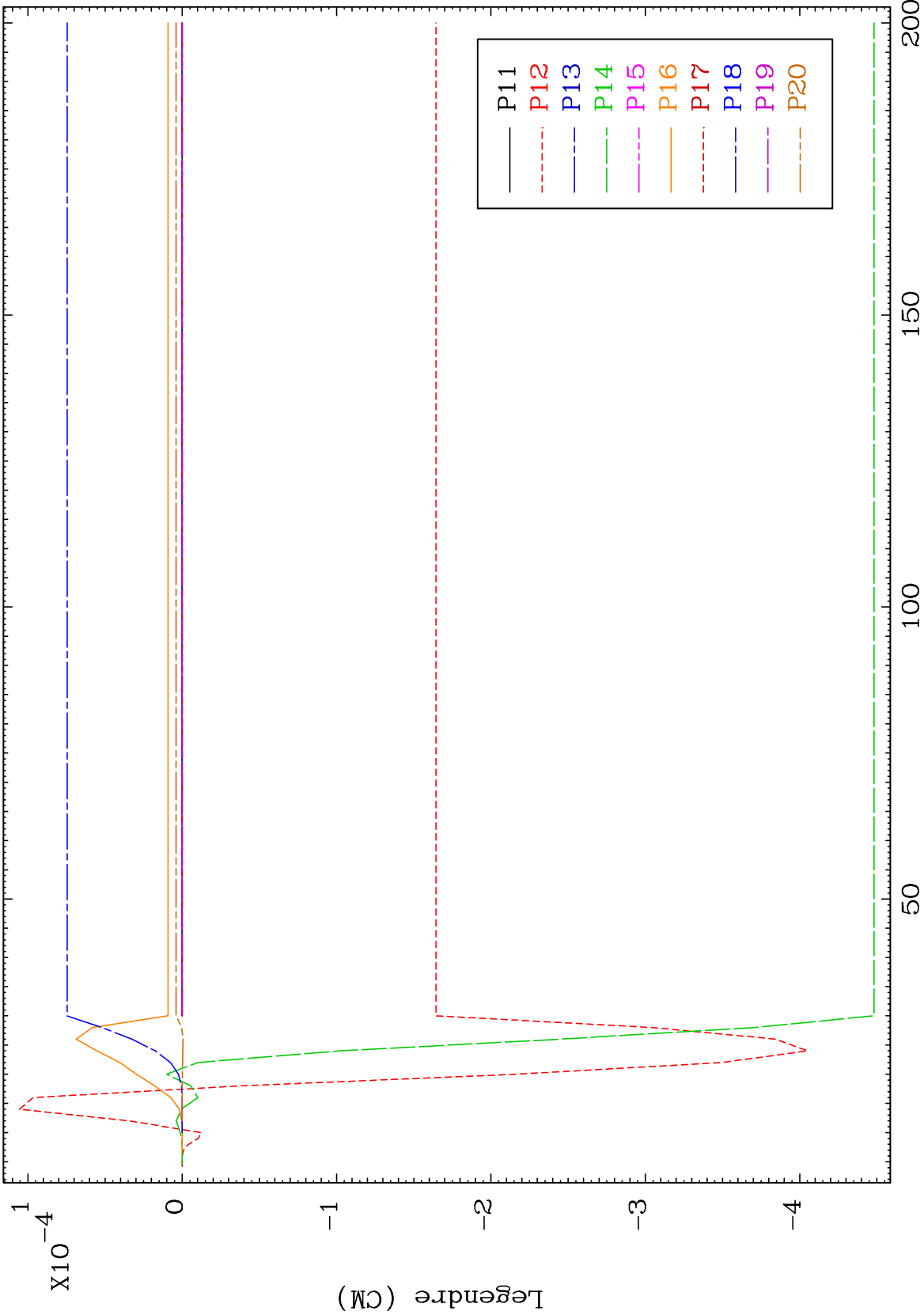
80-Hg-192

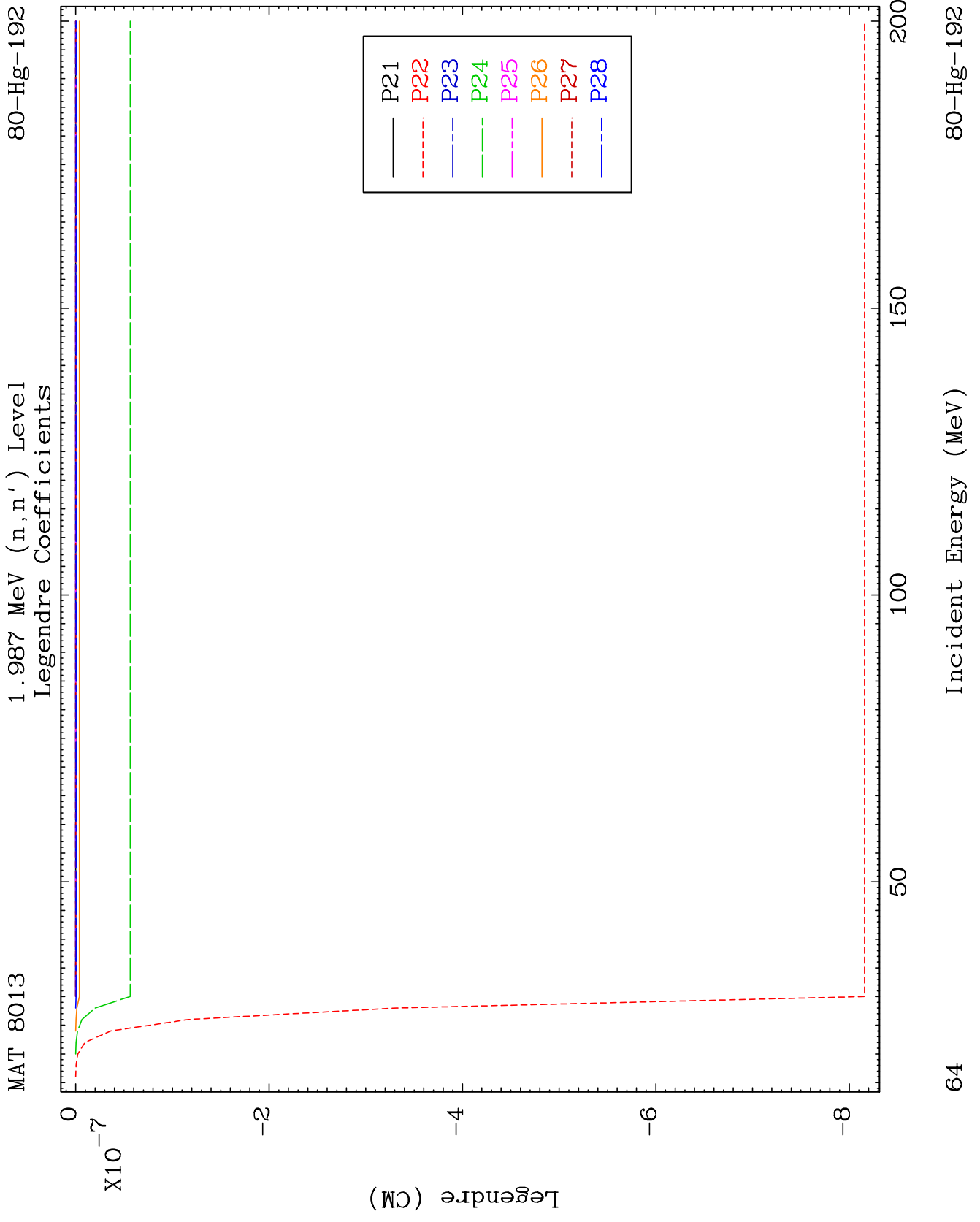


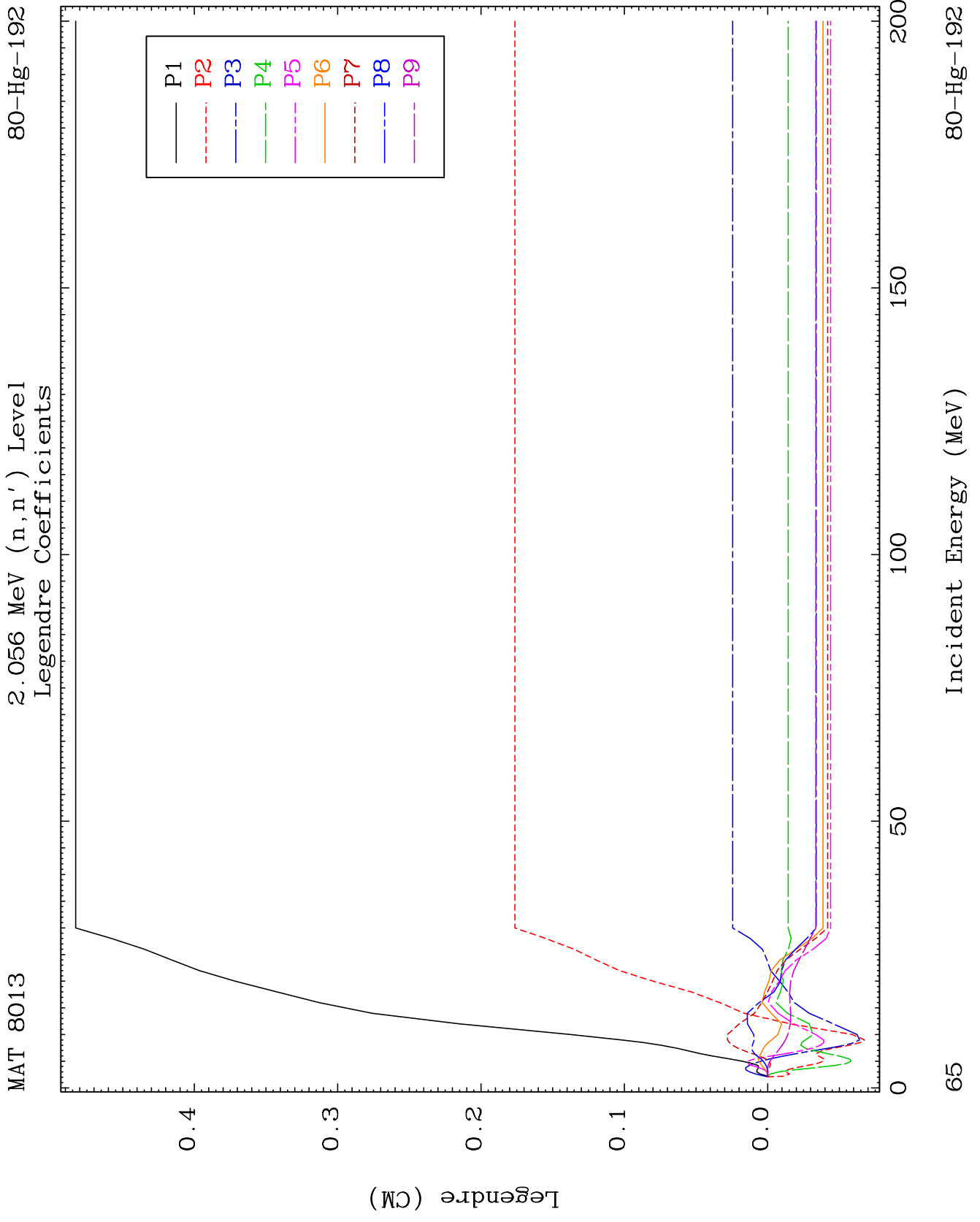
MAT 8013

1.987 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



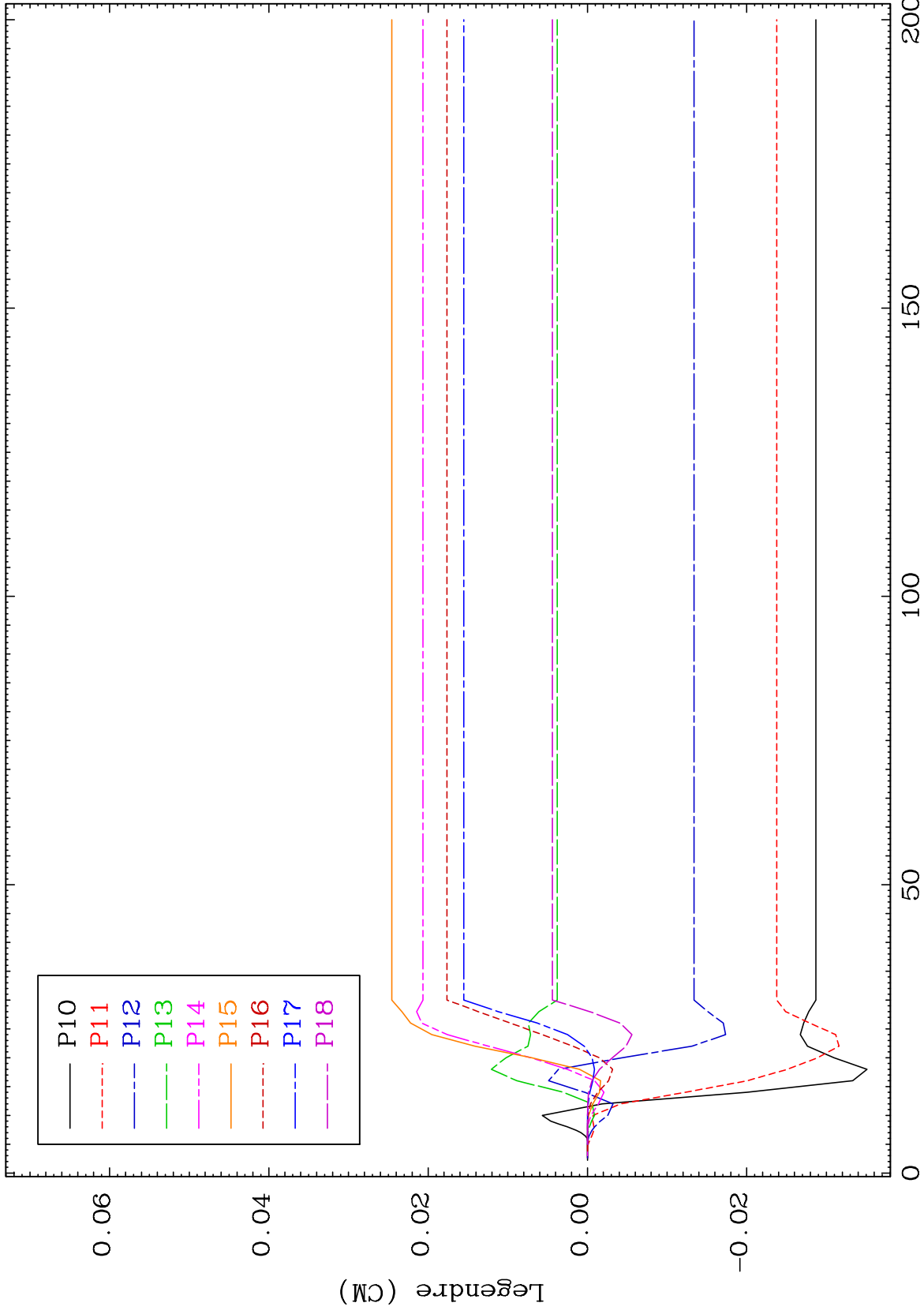




MAT 8013

2.056 MeV (n,n') Level
Legendre Coefficients

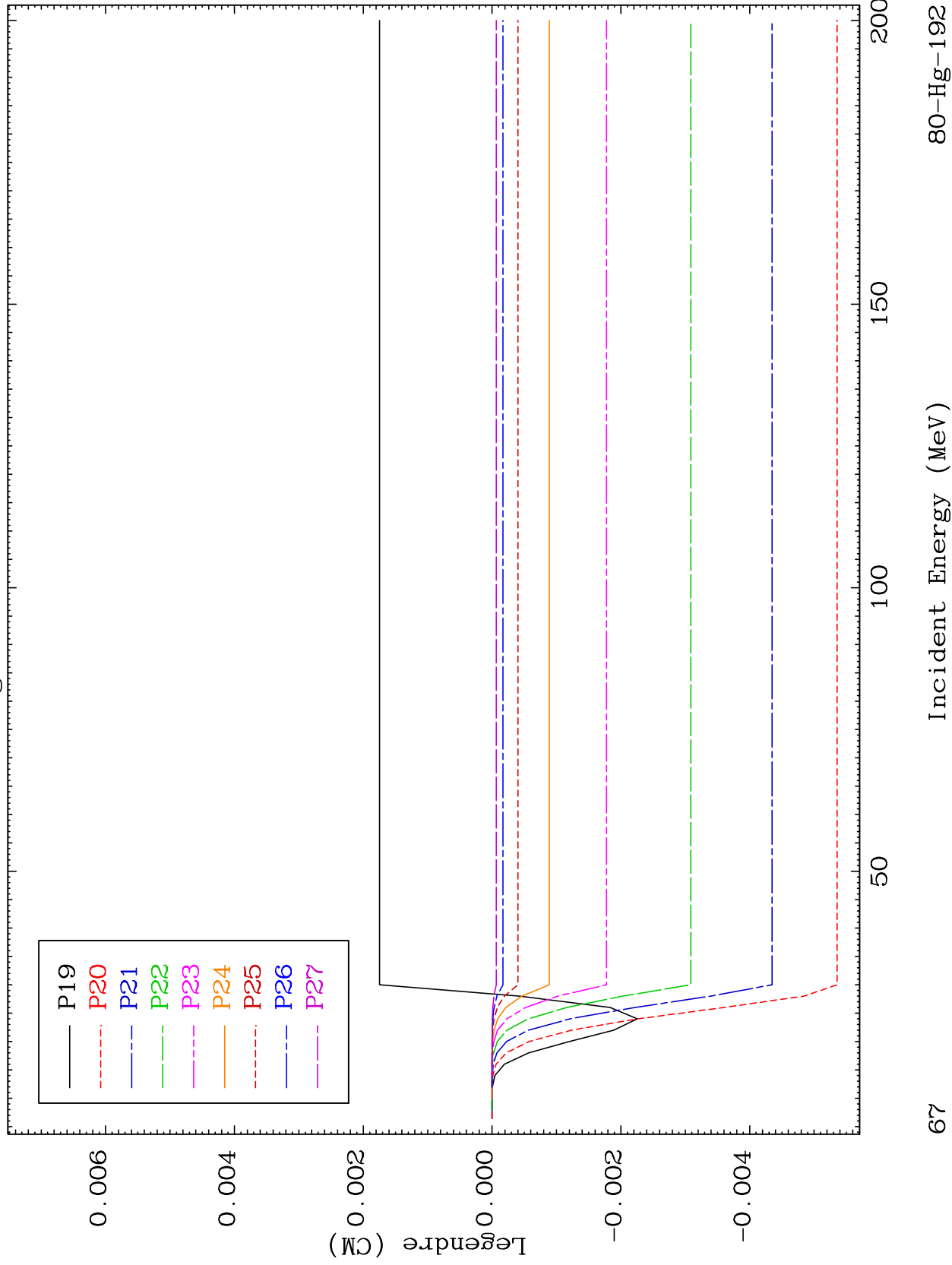
80-Hg-192

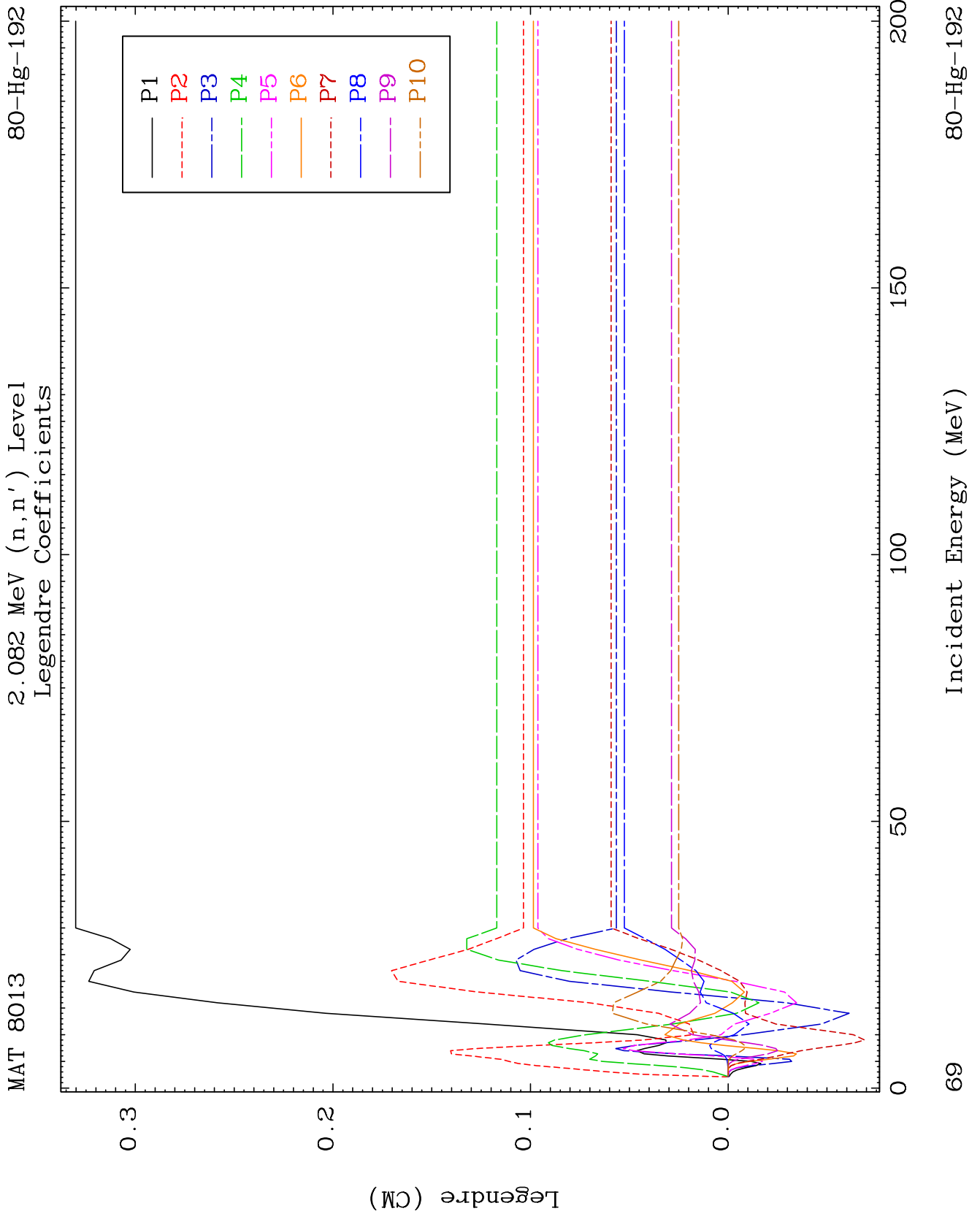


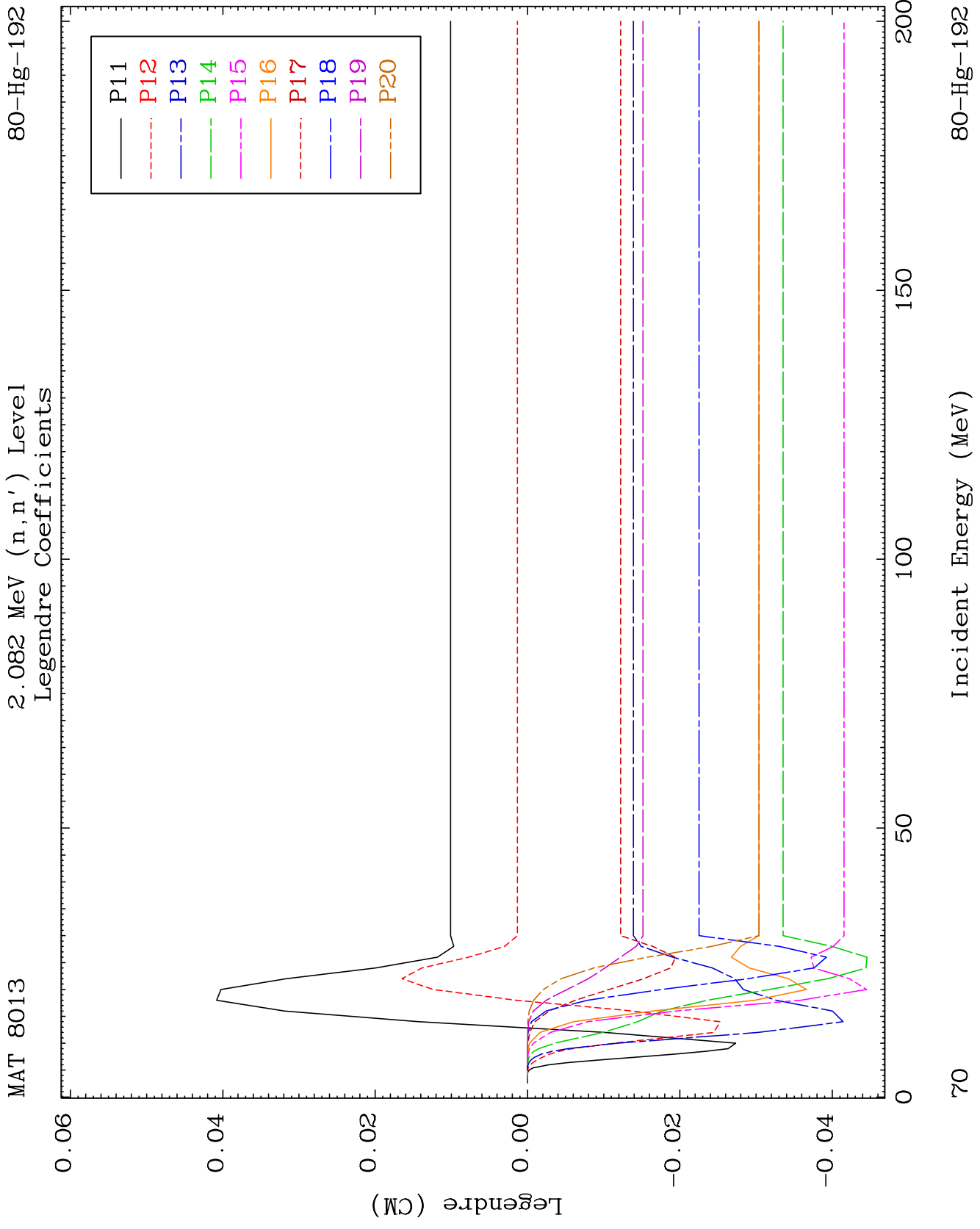
66

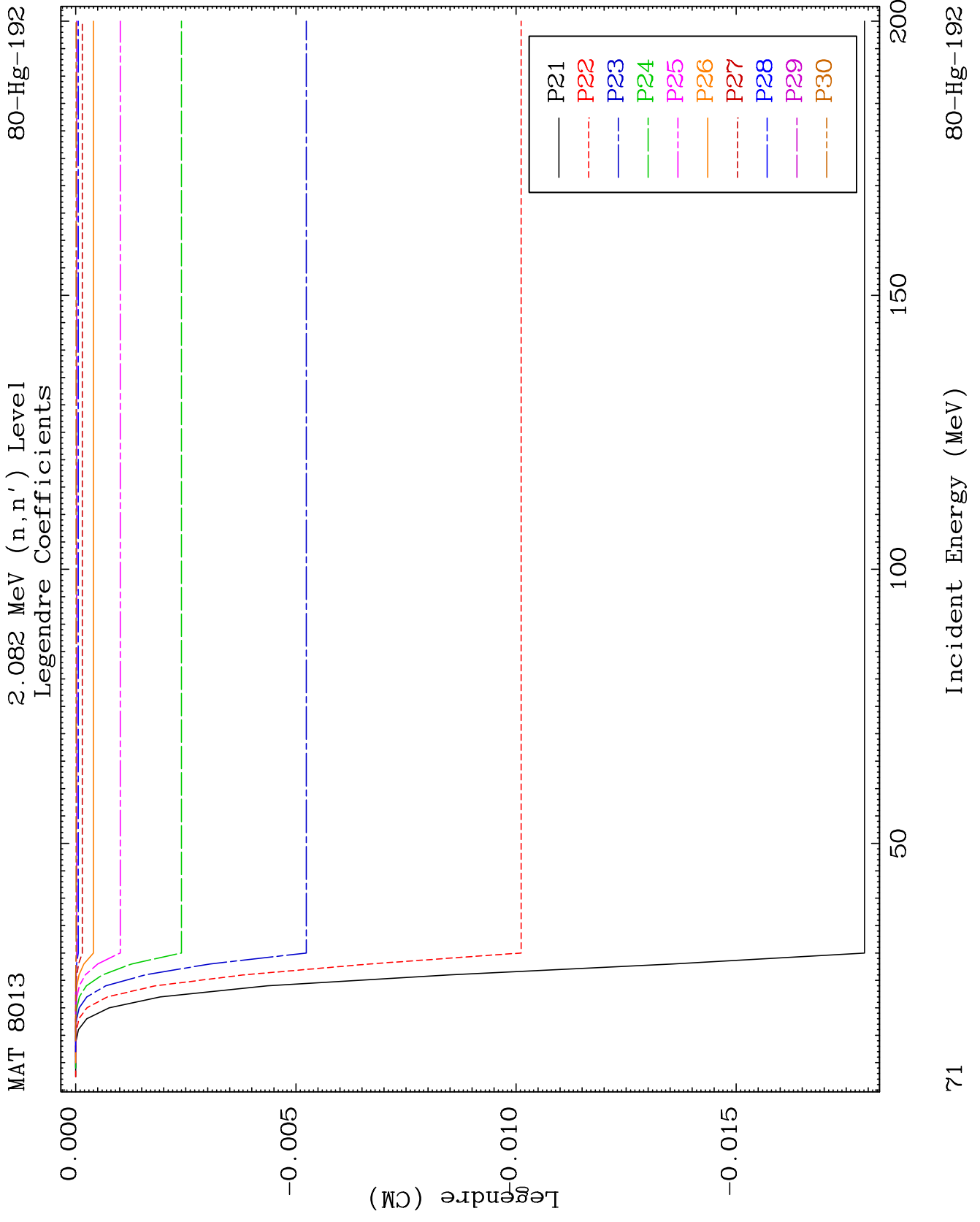
Incident Energy (MeV)

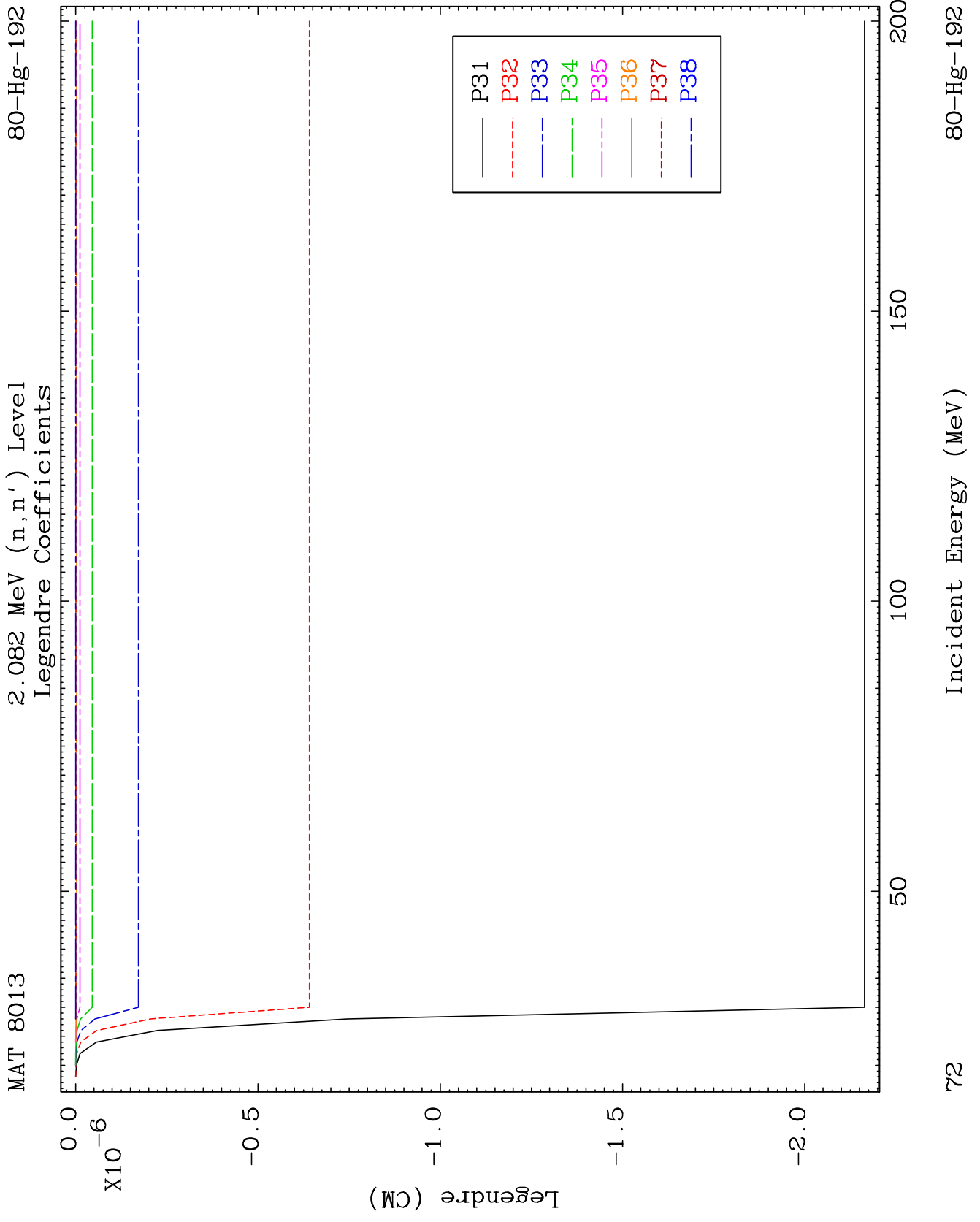
80-Hg-192

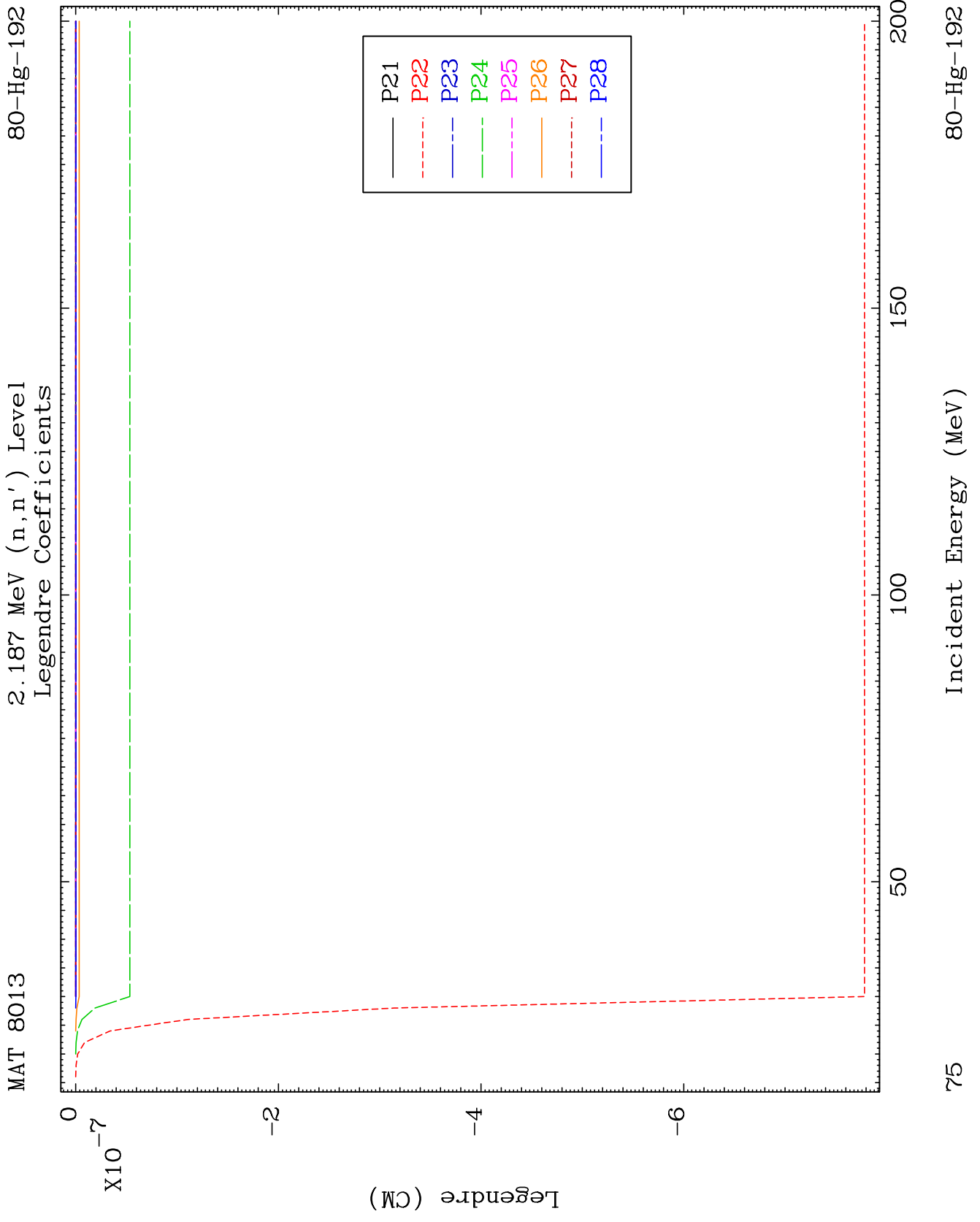


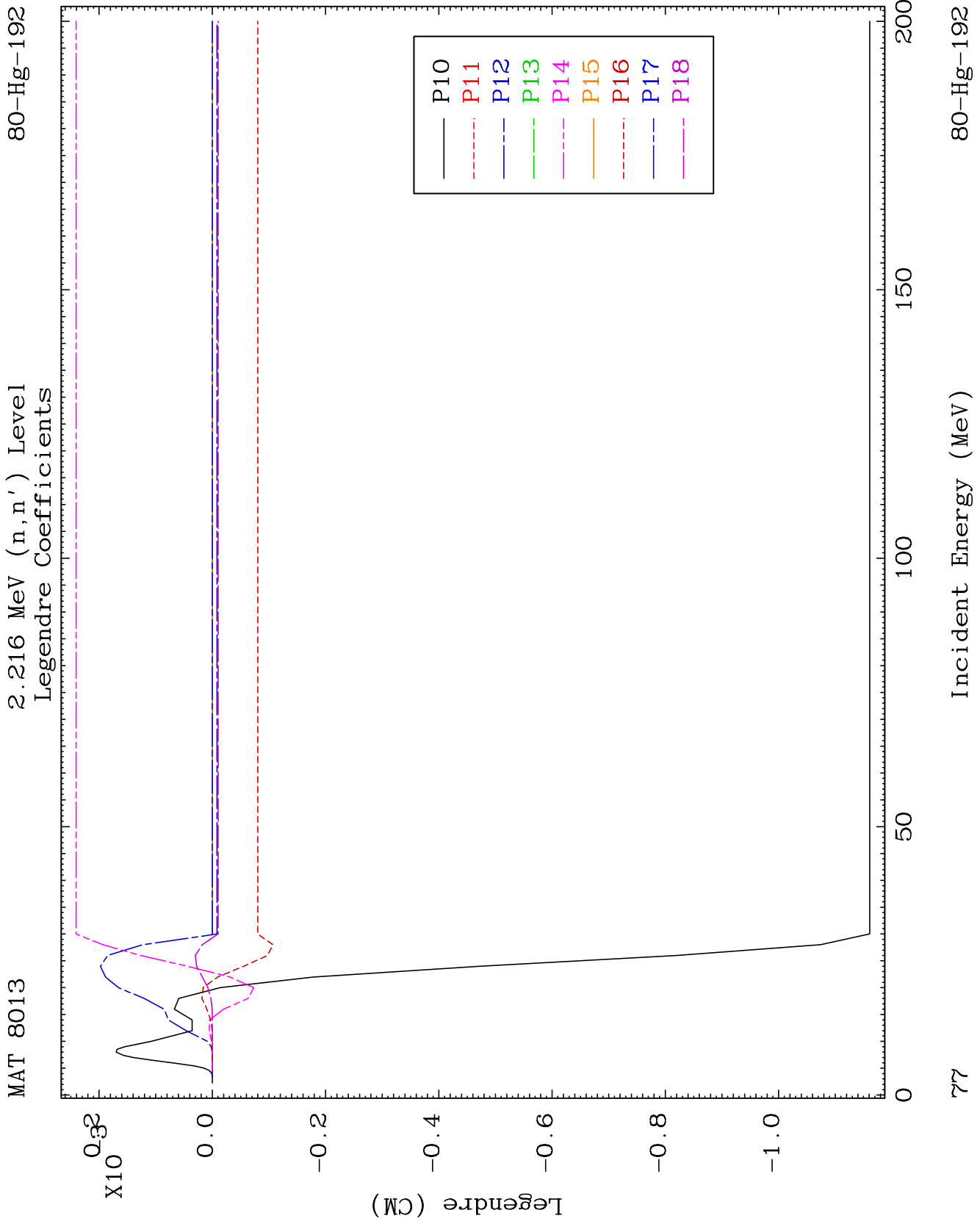


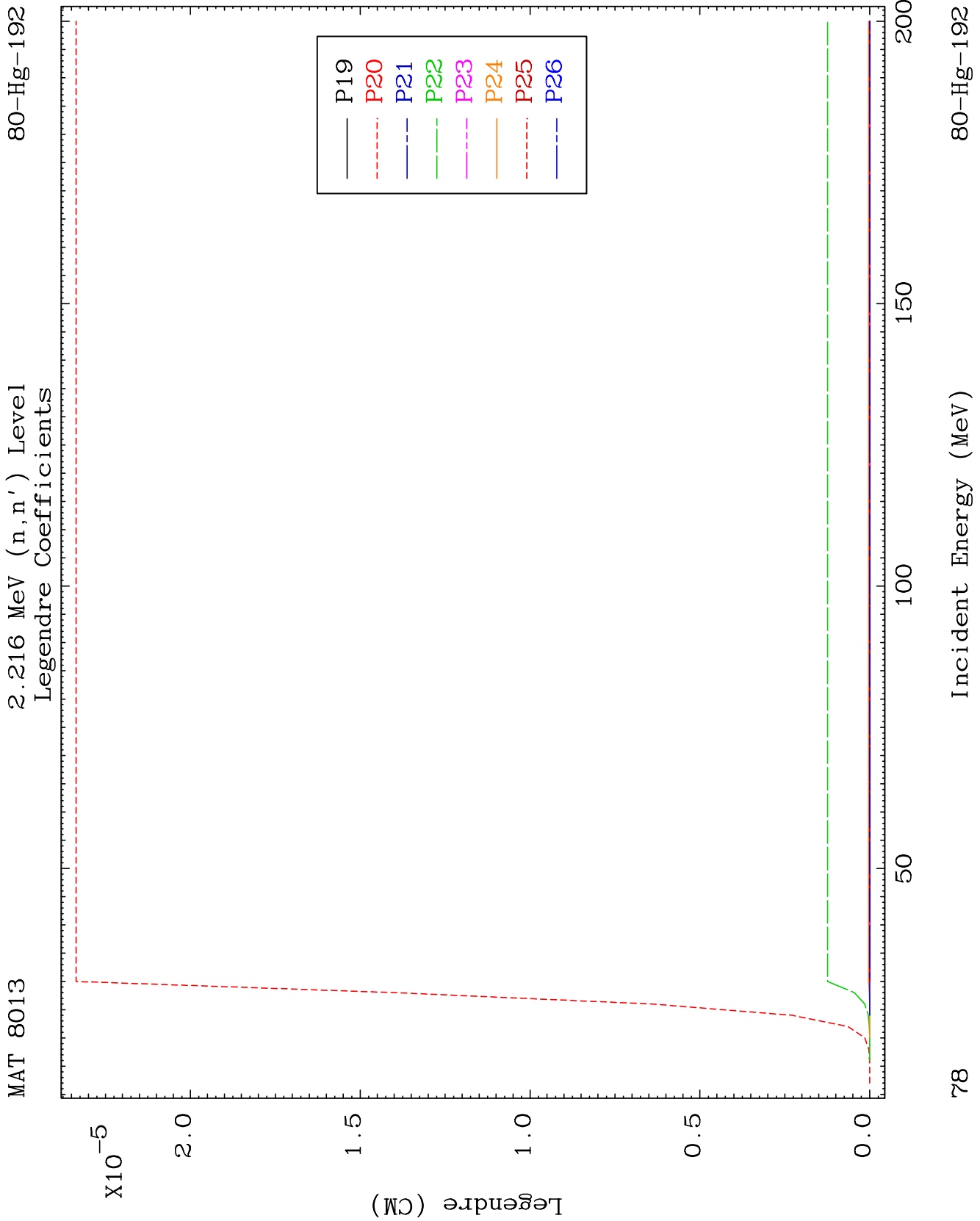


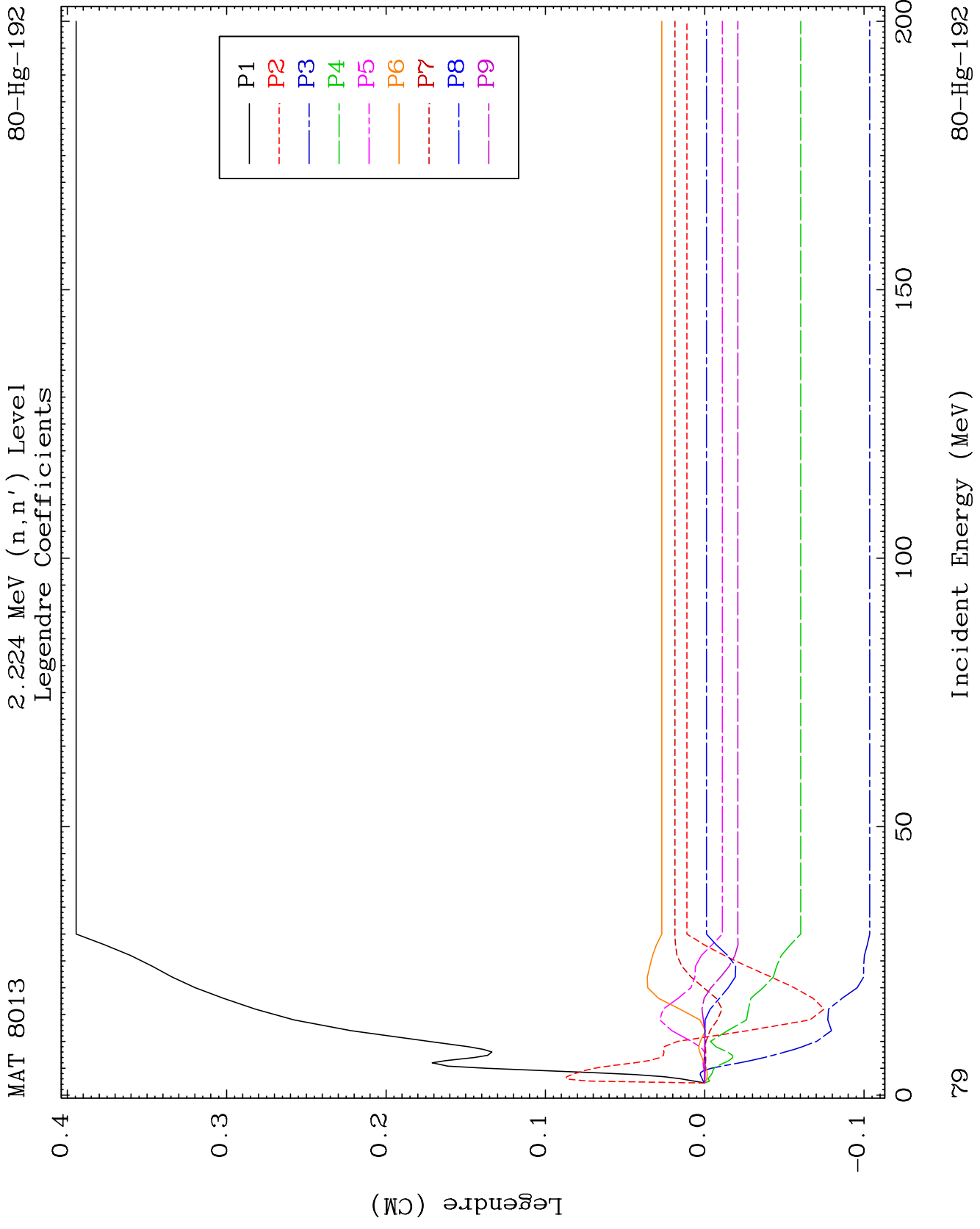


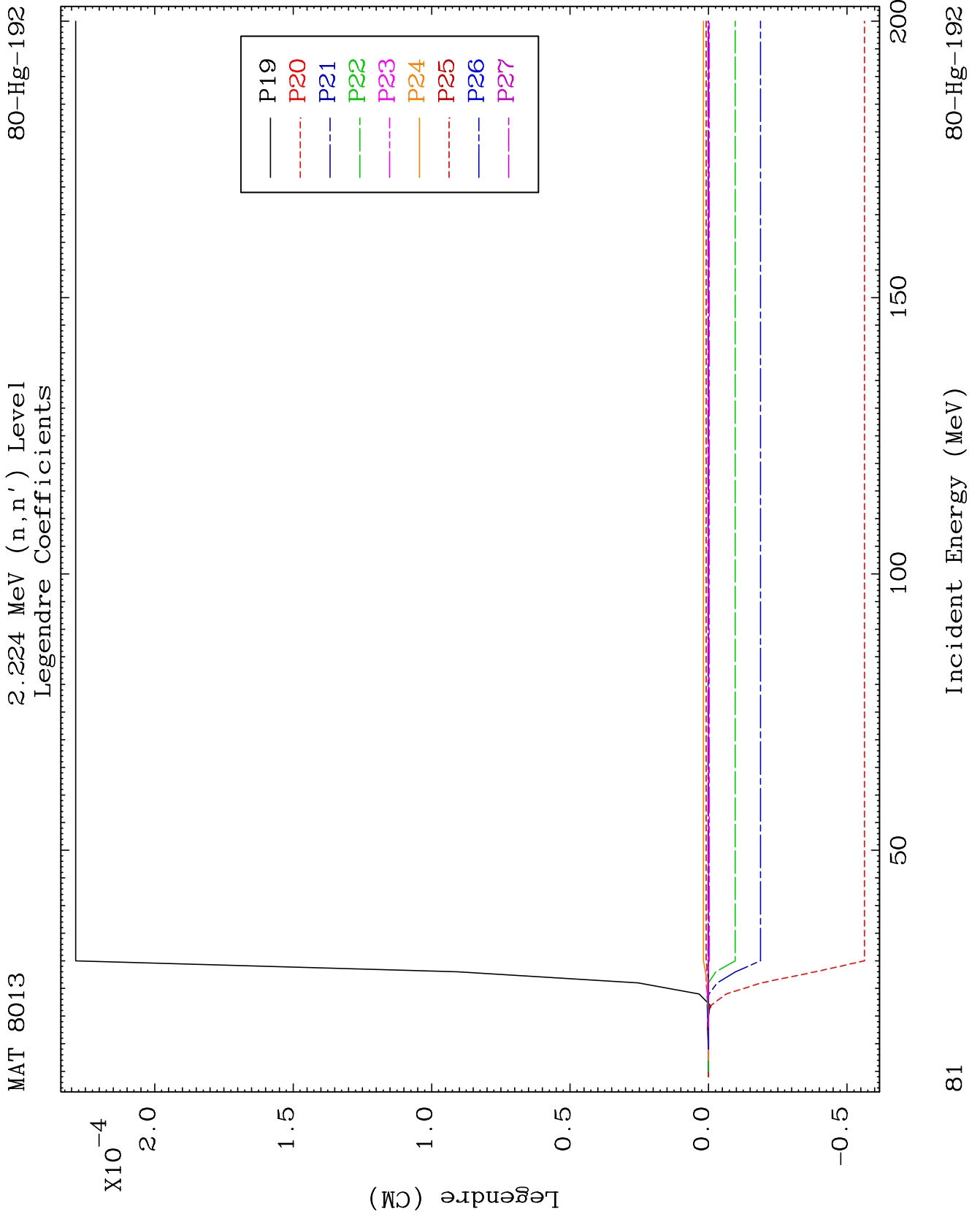


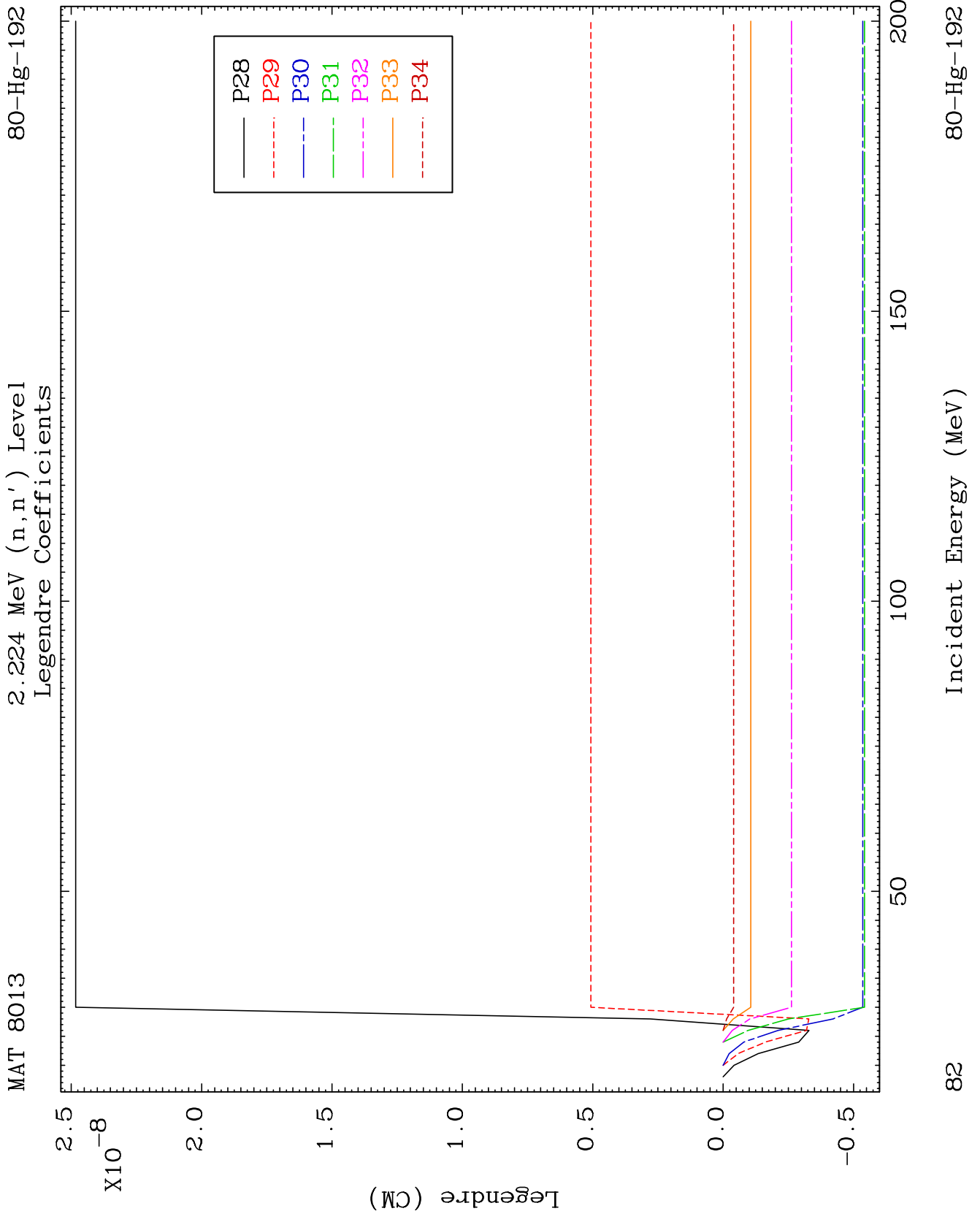








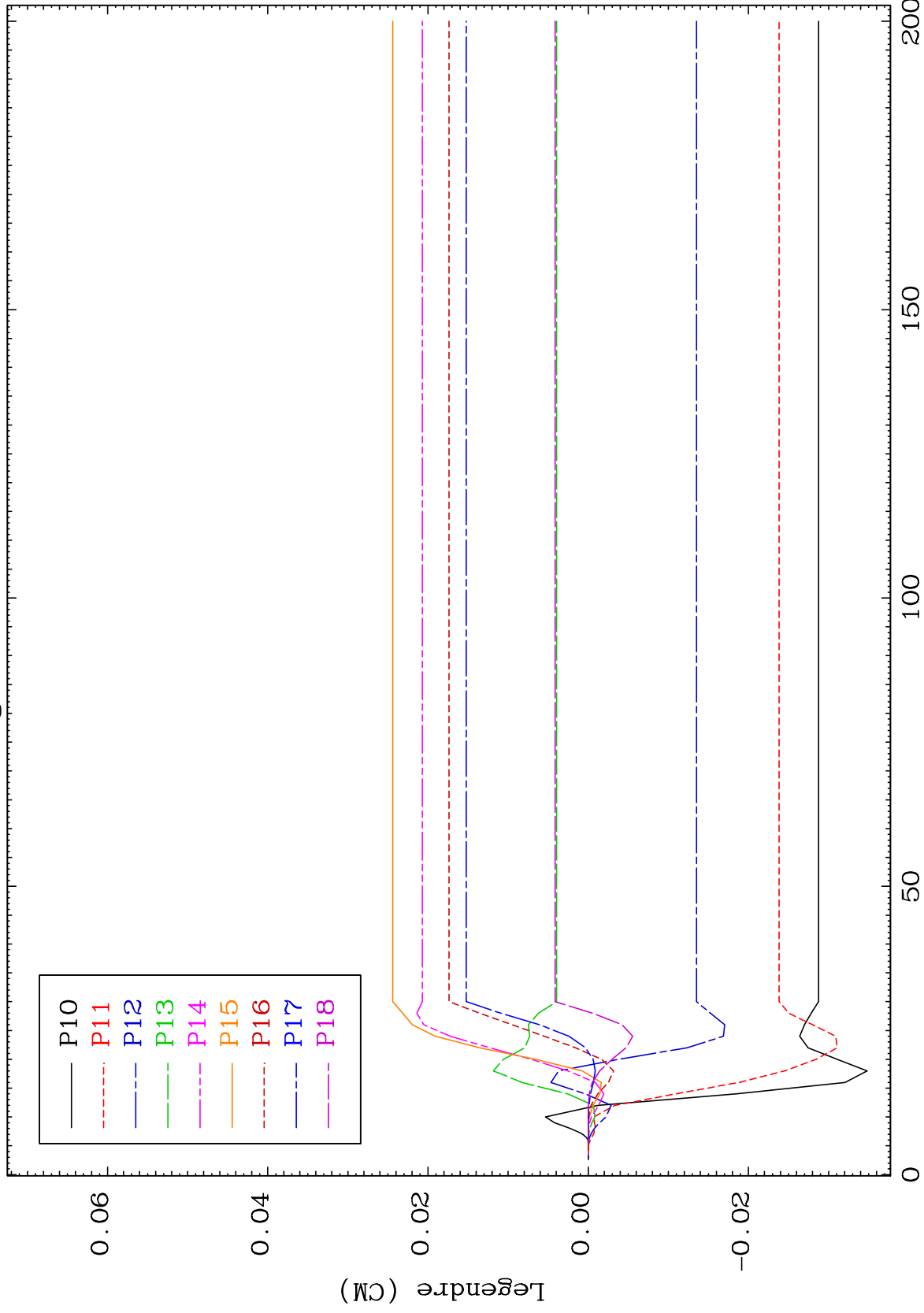




MAT 8013

2.277 MeV (n,n') Level
Legendre Coefficients

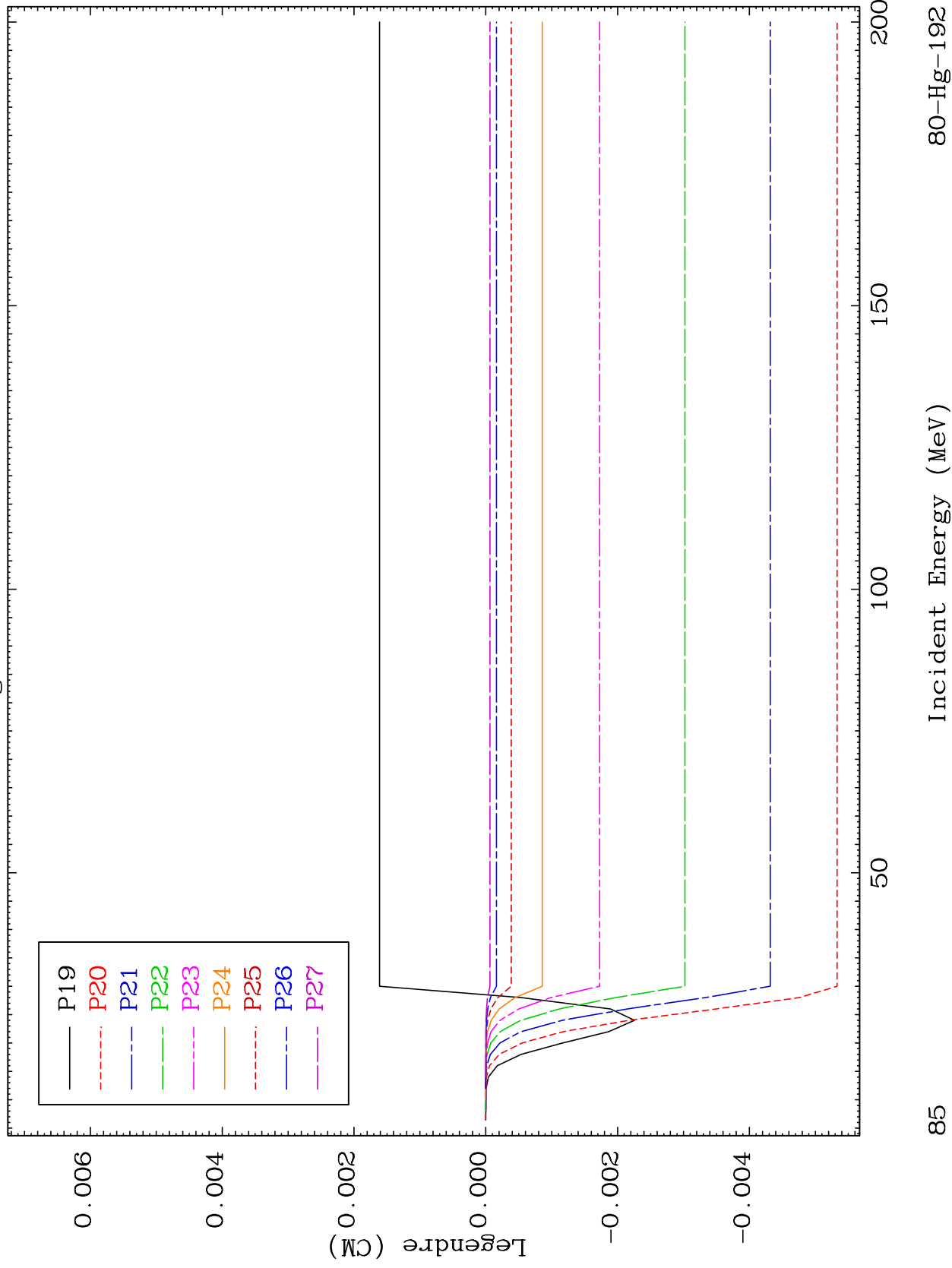
80-Hg-192

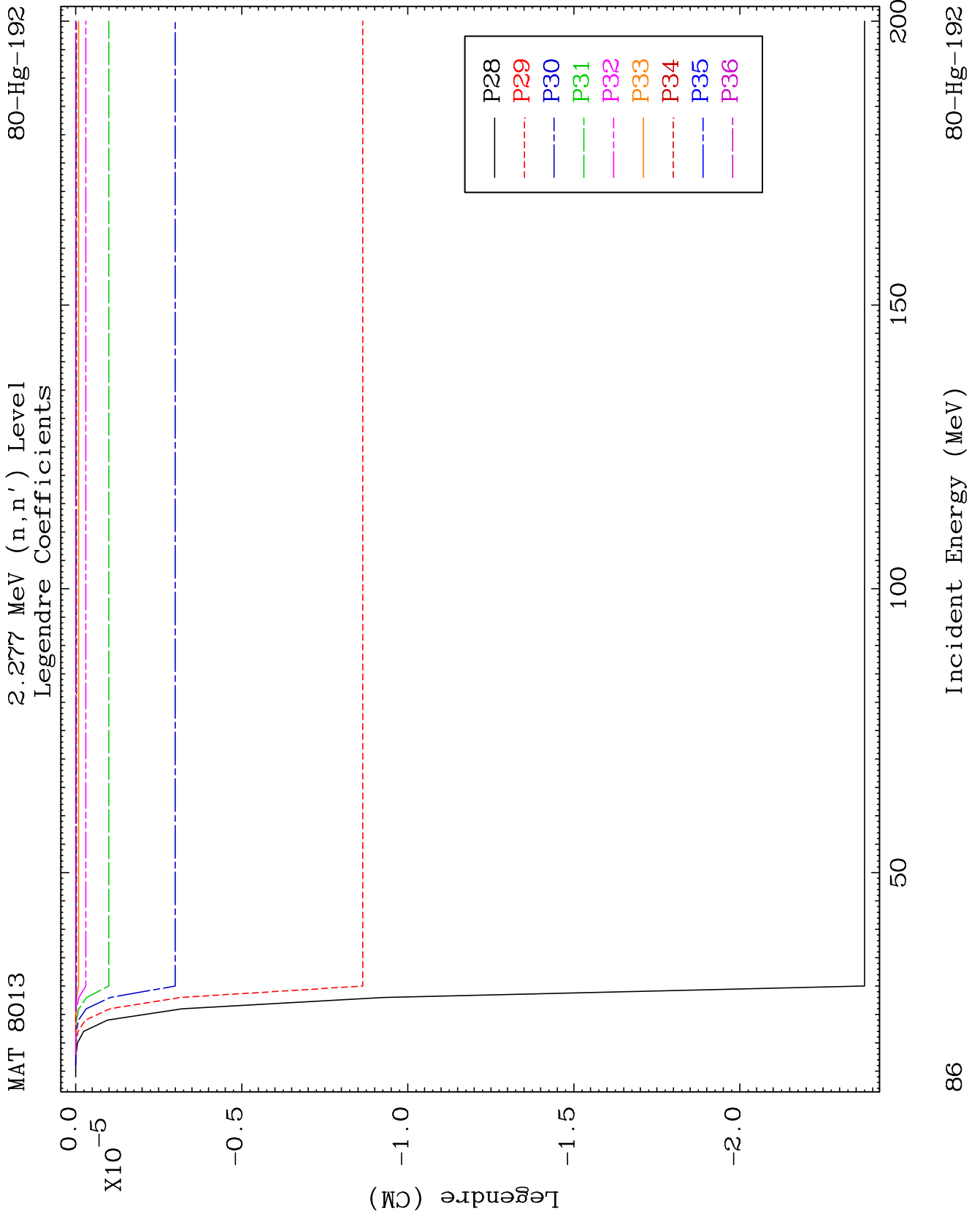


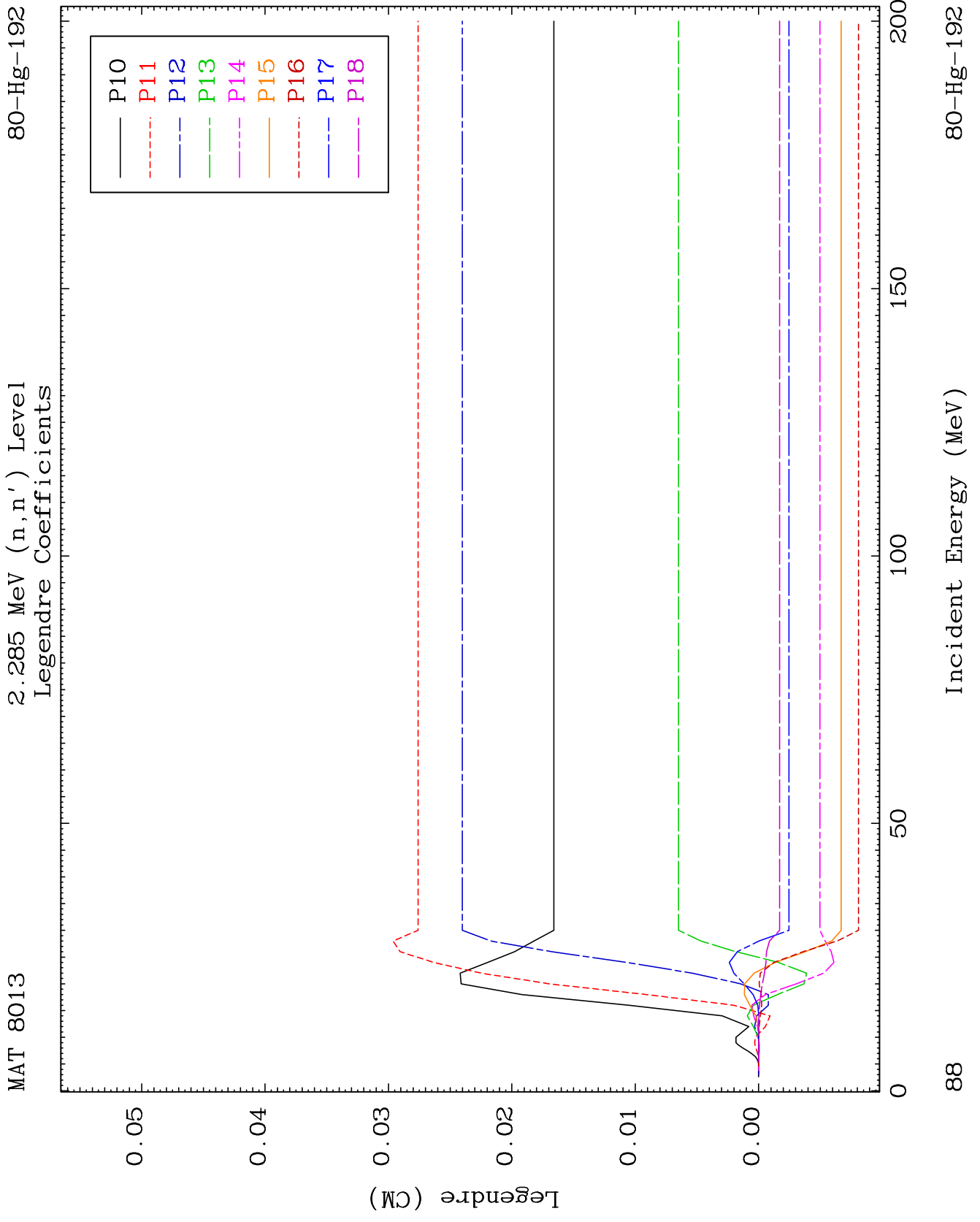
84

Incident Energy (MeV)

80-Hg-192



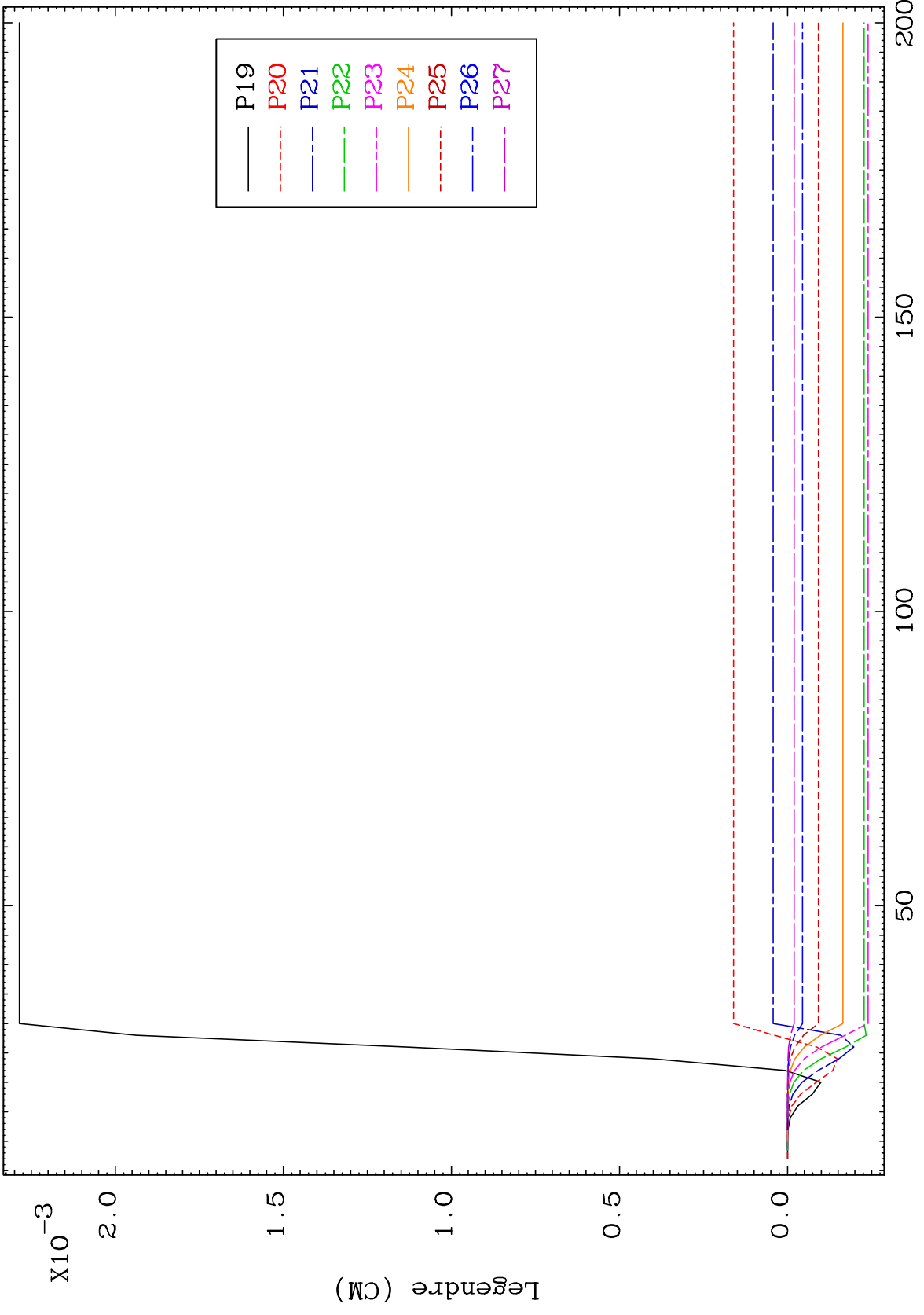


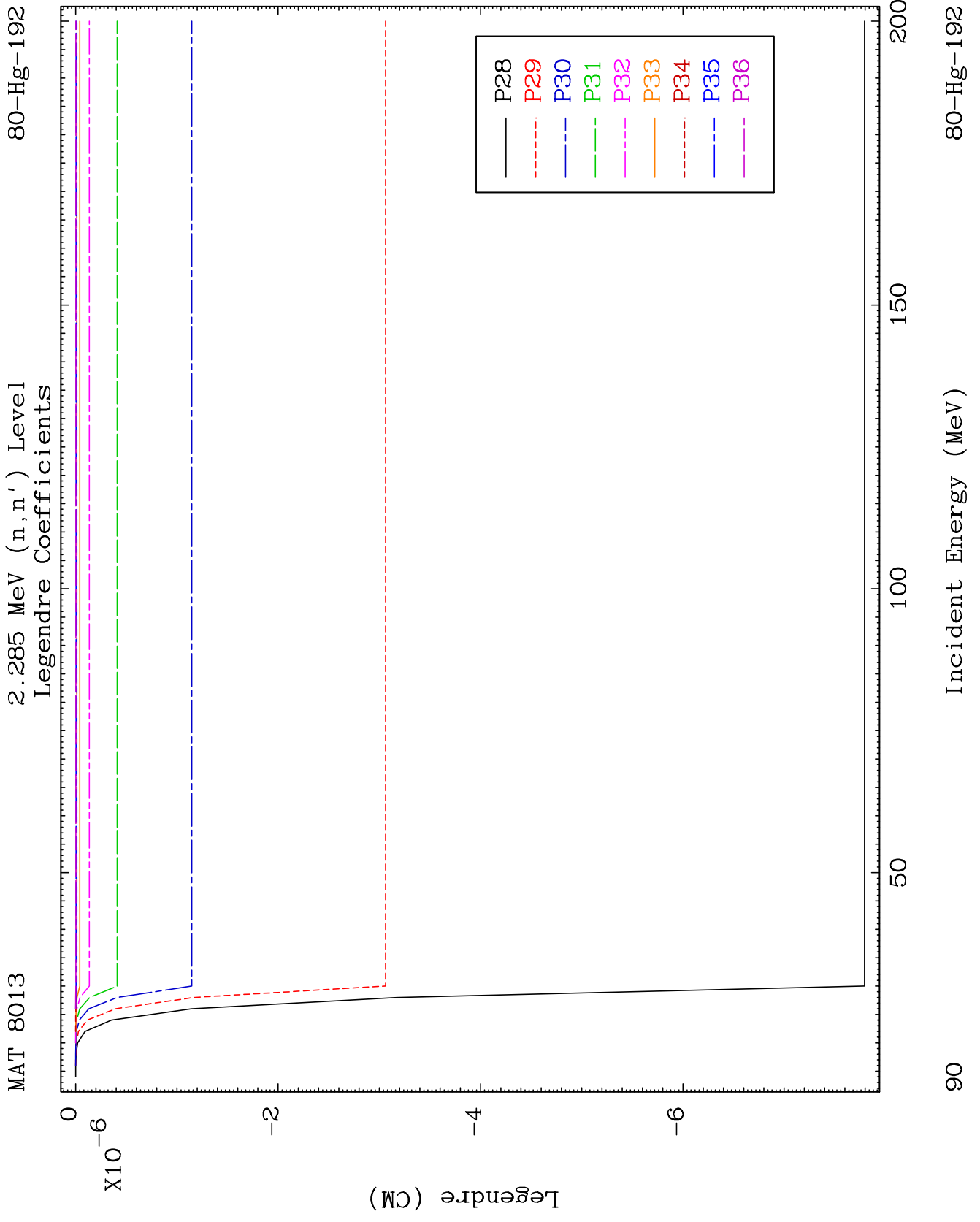


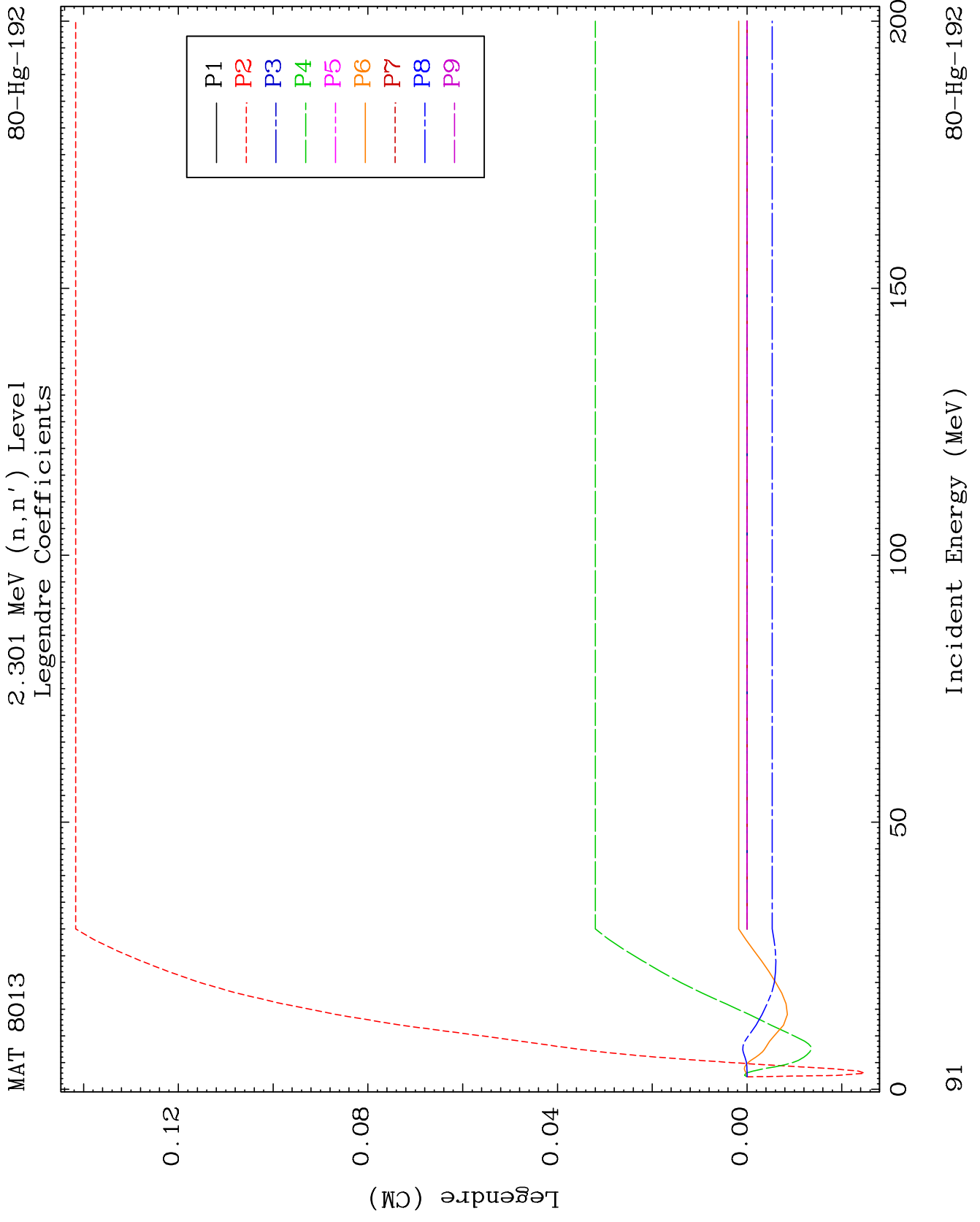
MAT 8013

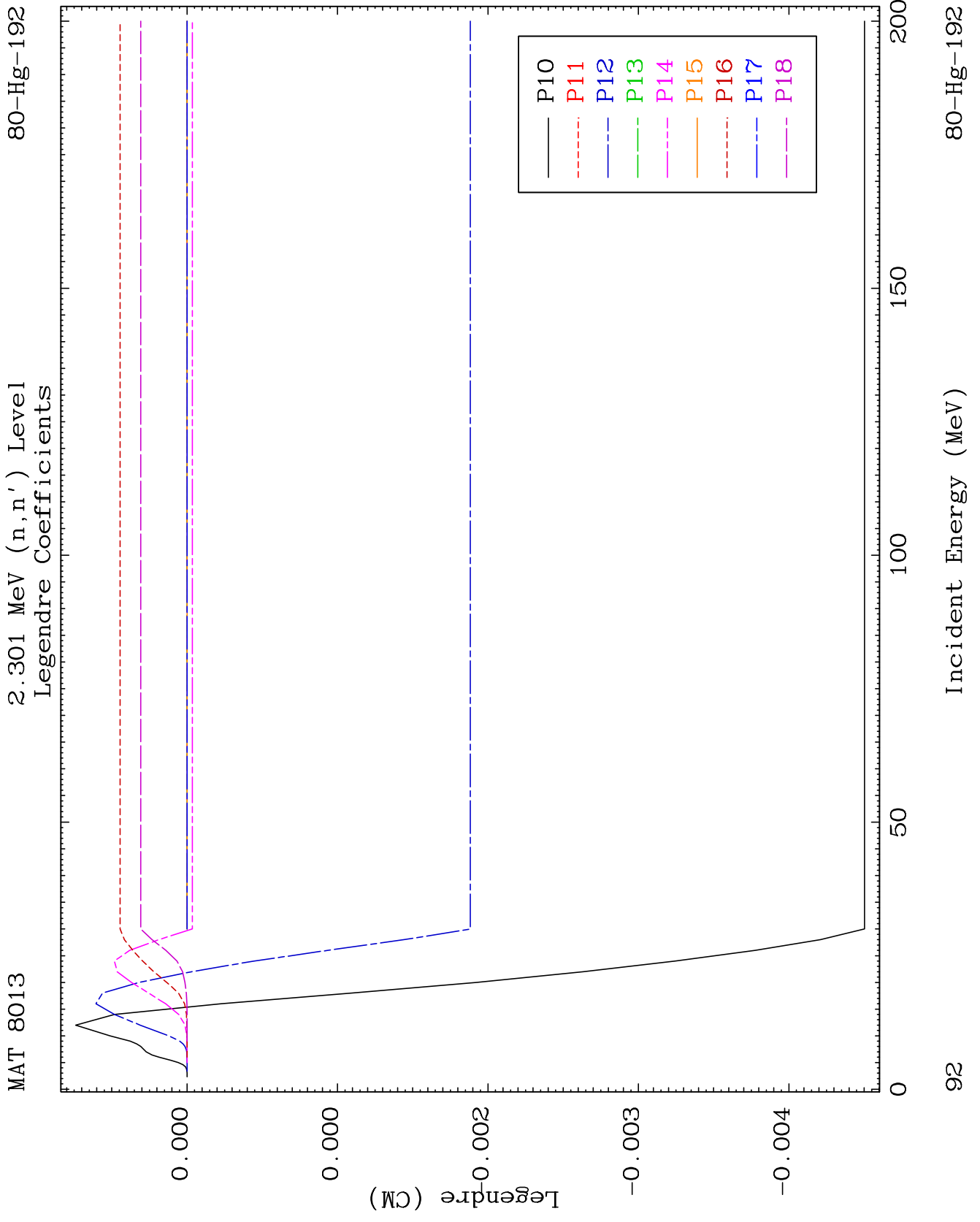
2.285 MeV (n, n') Level
Legendre Coefficients

80-Hg-192





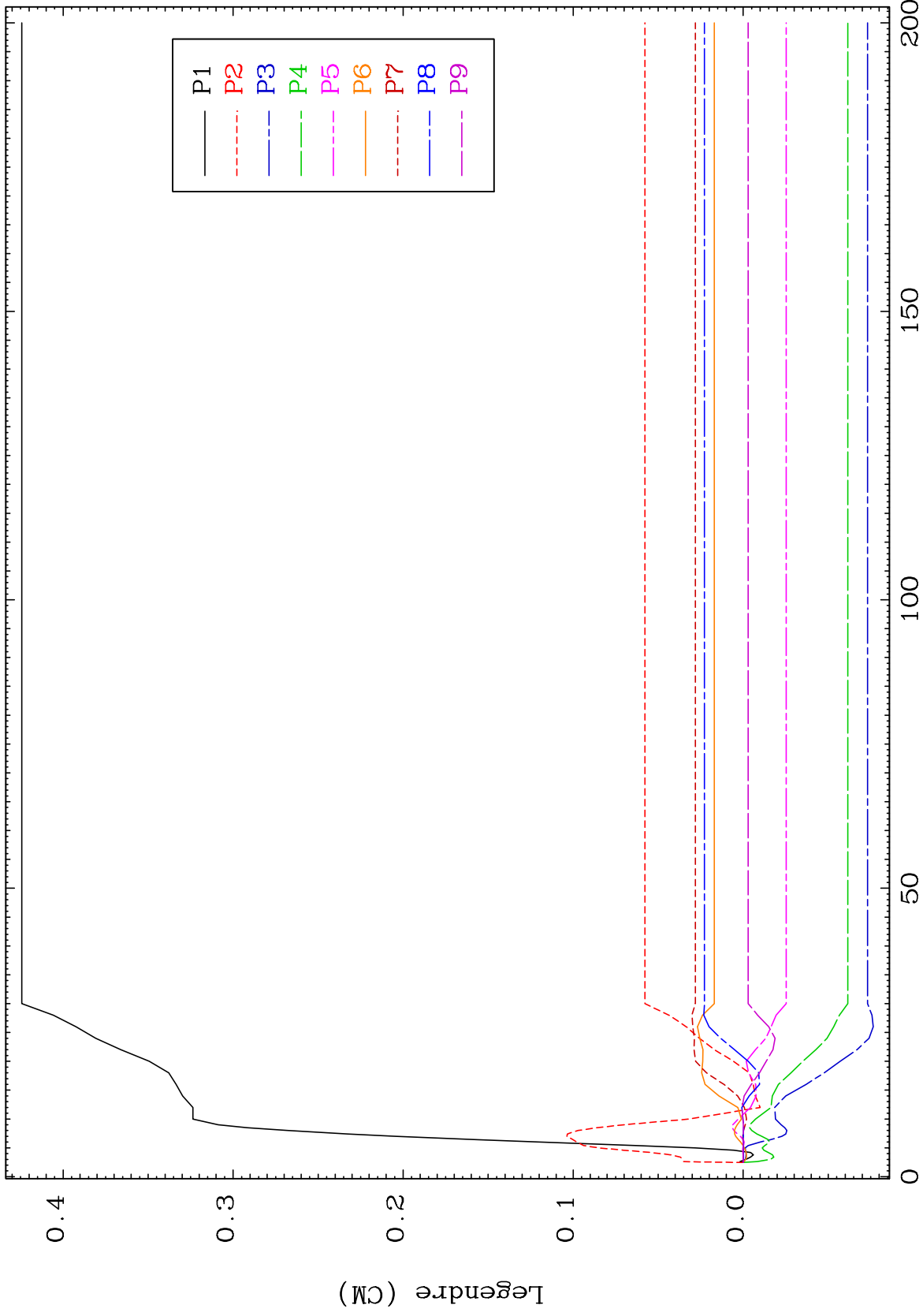




MAT 8013

2.447 MeV (n, n') Level
Legendre Coefficients

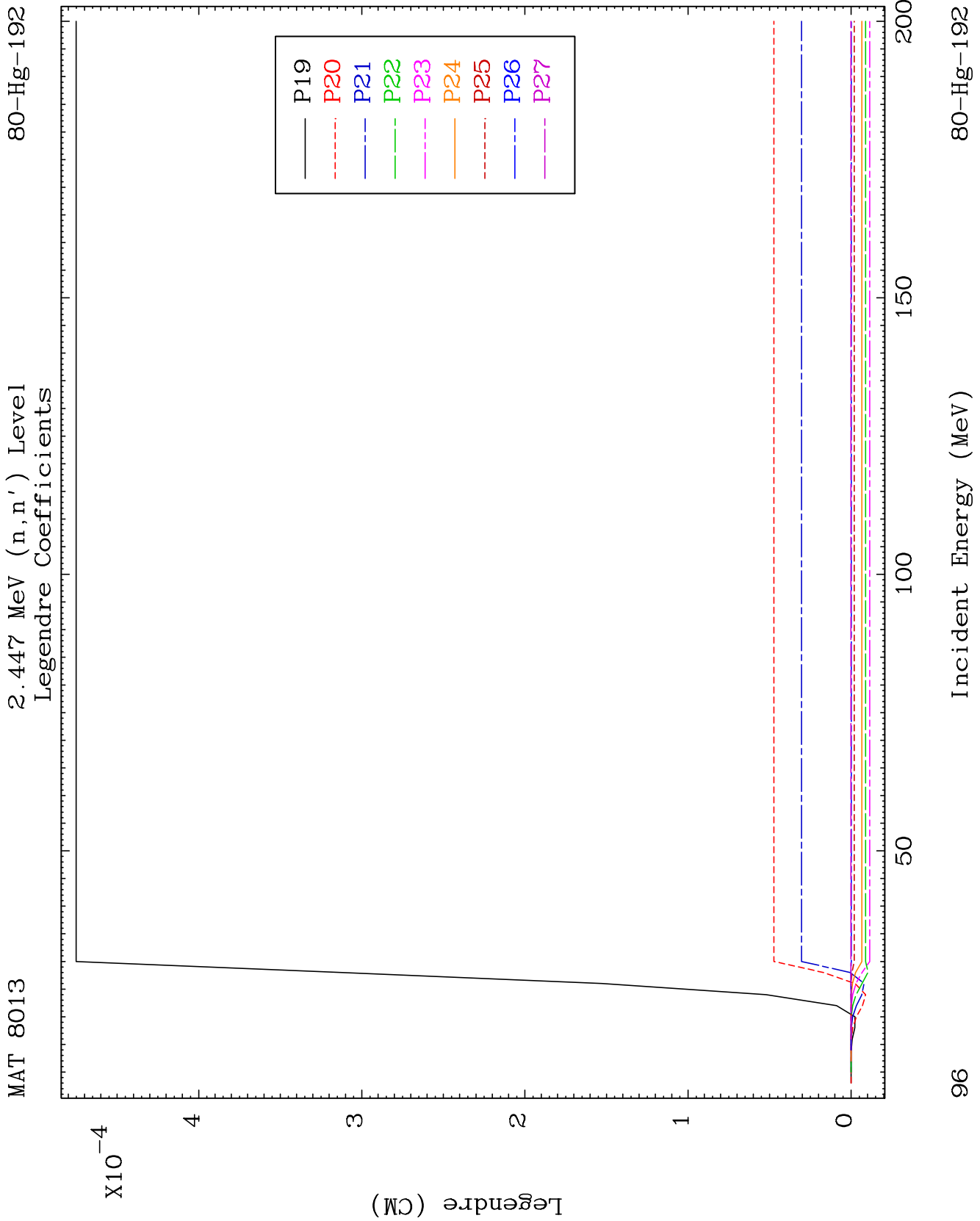
80-Hg-192

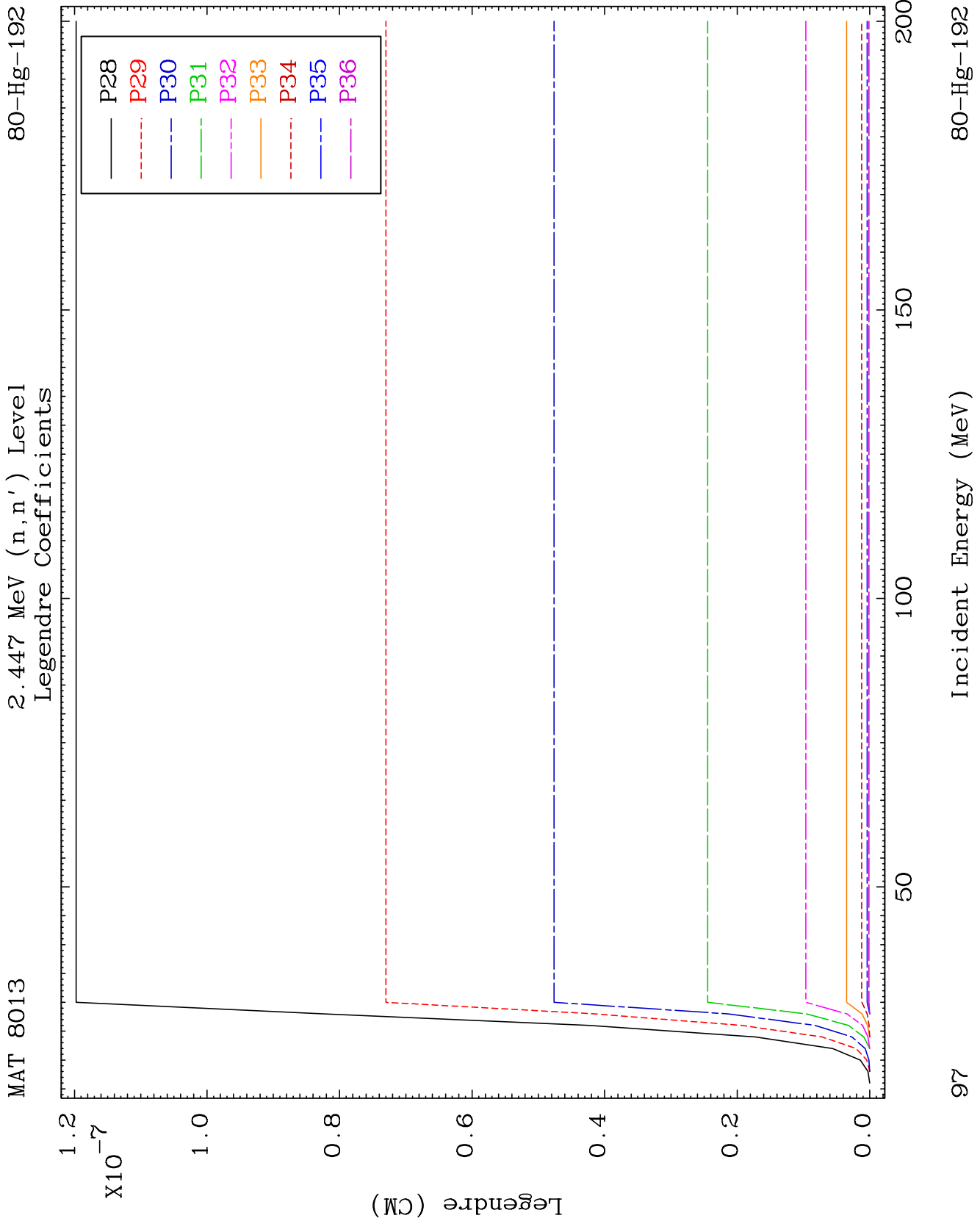


94

Incident Energy (MeV)

80-Hg-192

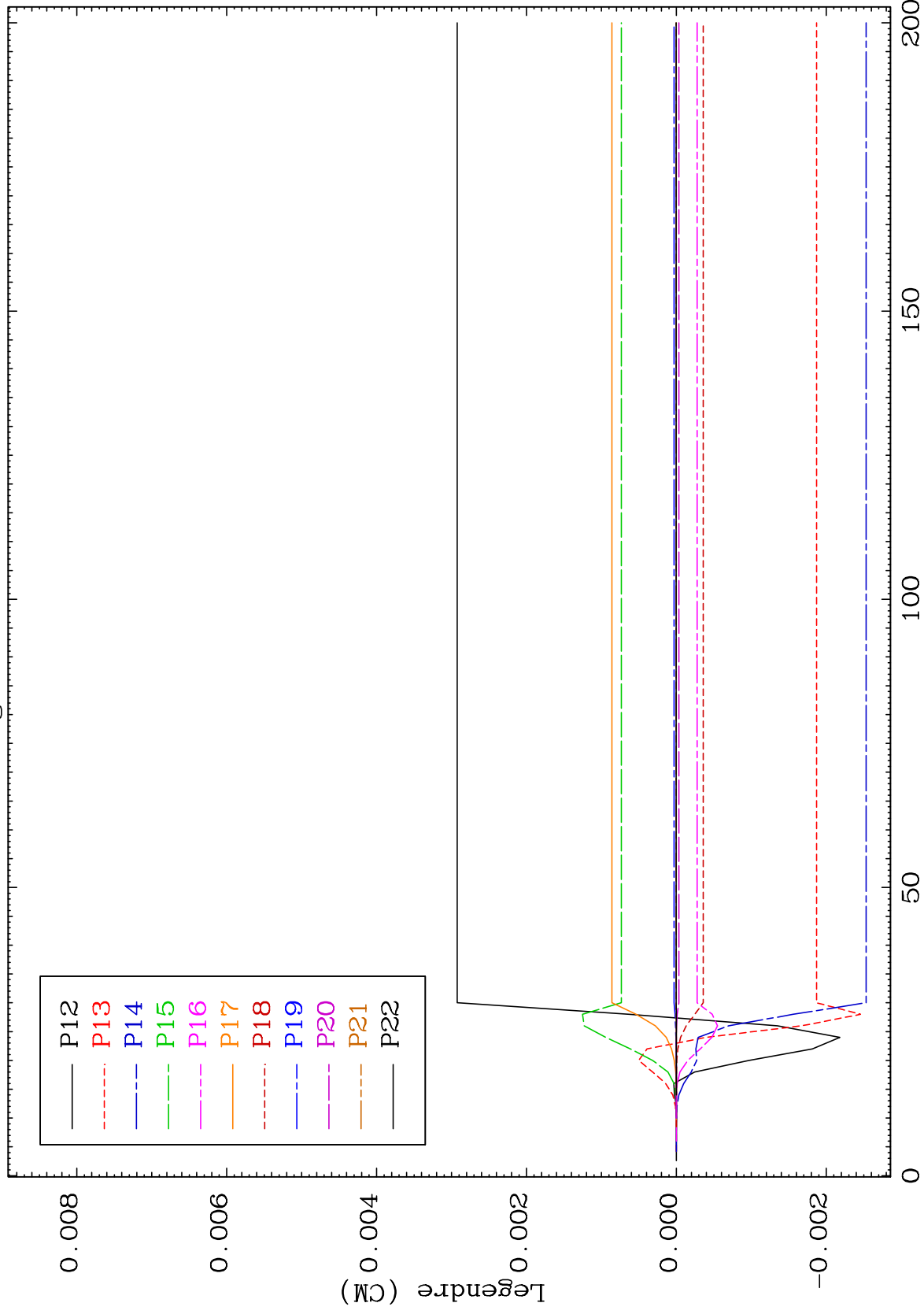




MAT 8013

2.507 MeV (n,n') Level
Legendre Coefficients

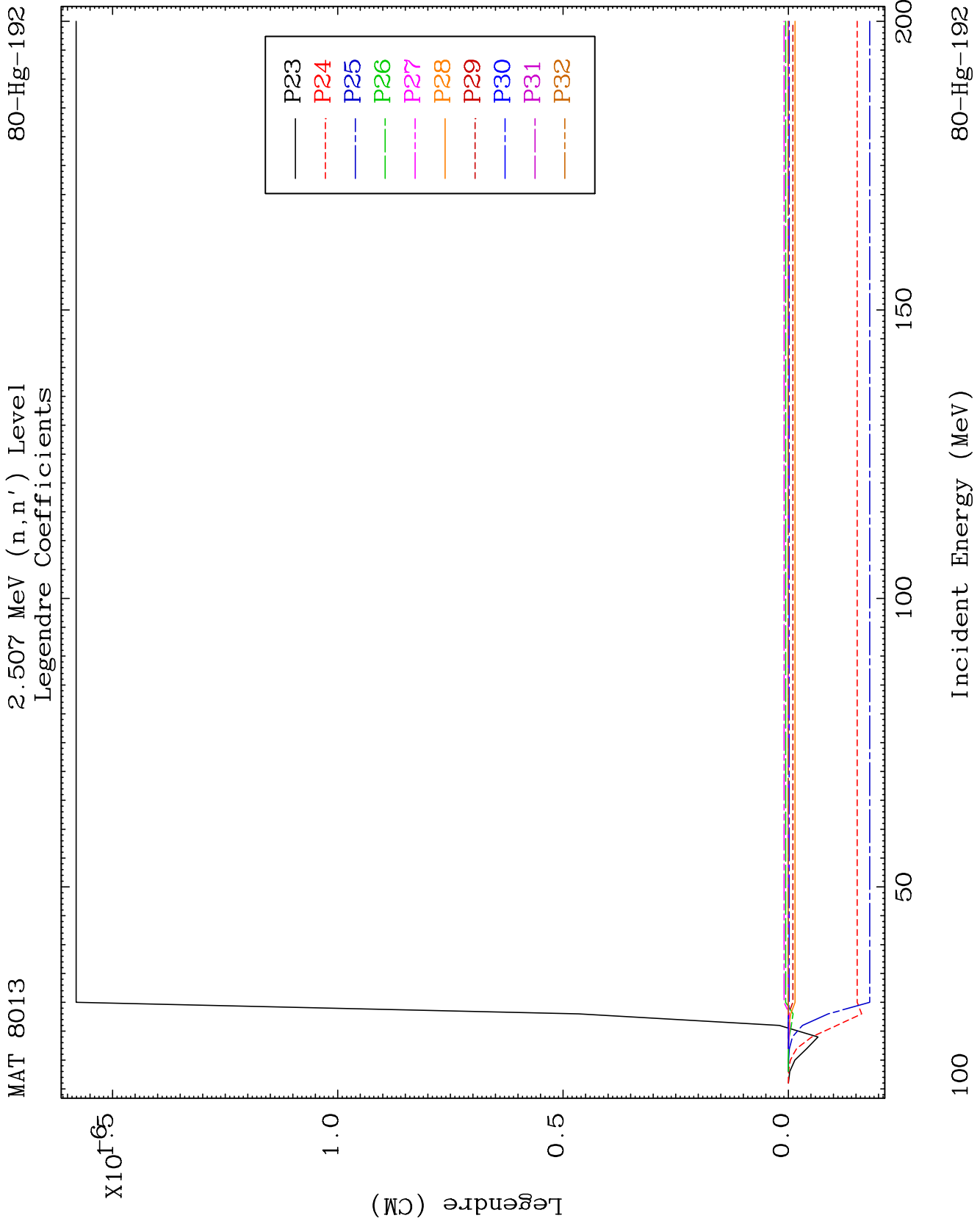
80-Hg-192



99

Incident Energy (MeV)

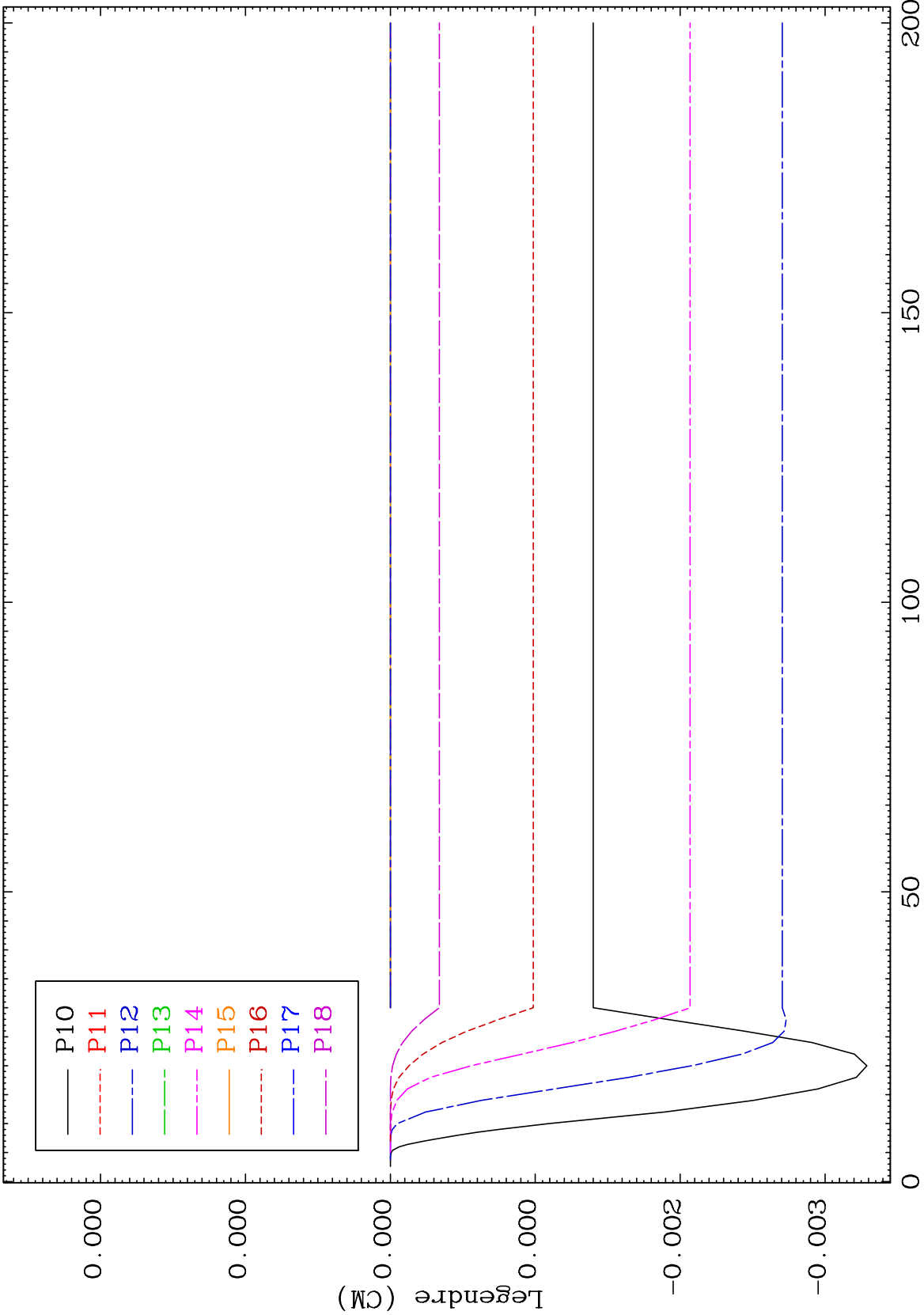
80-Hg-192



MAT 8013

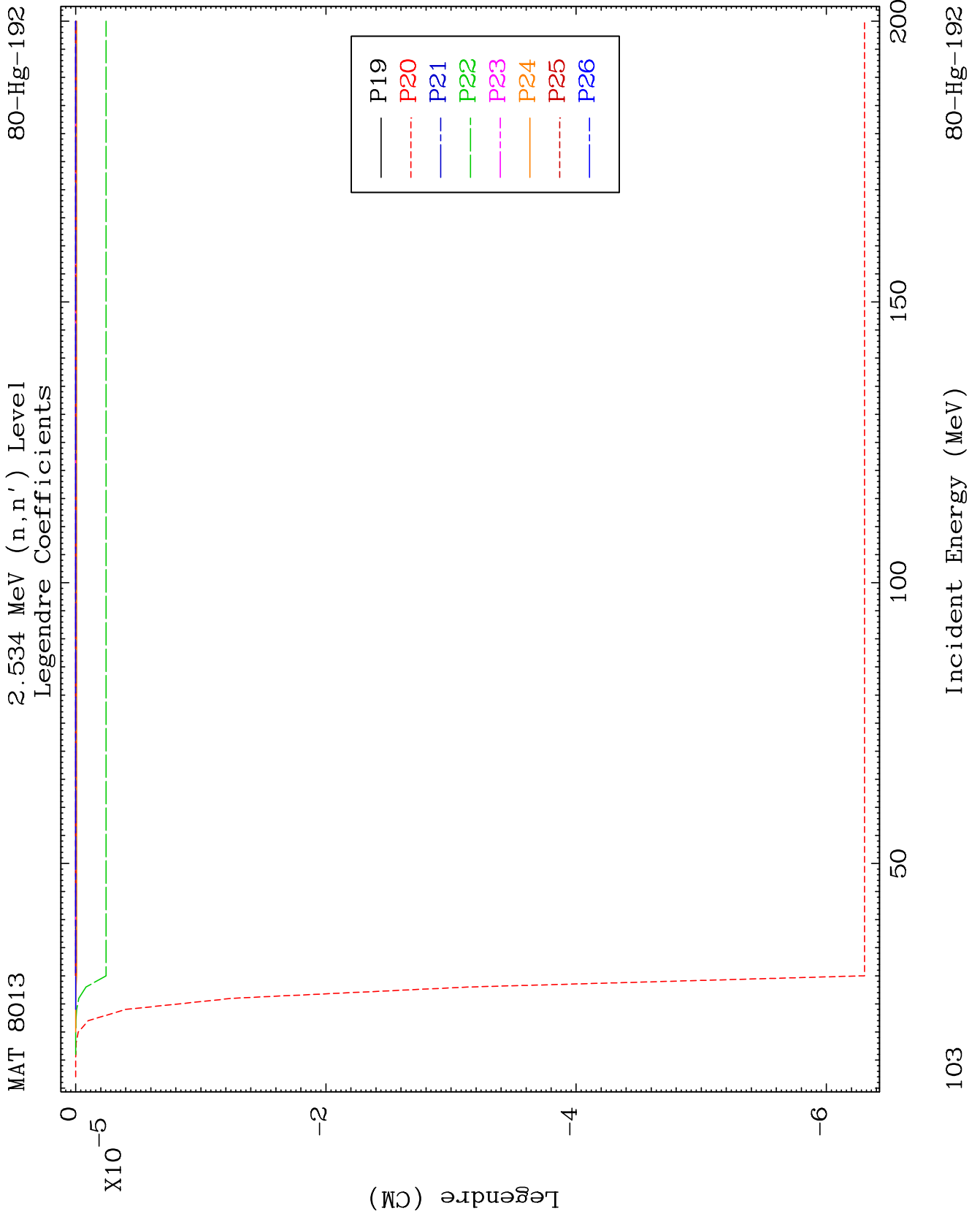
2.534 MeV (n,n') Level
Legendre Coefficients

80-Hg-192



102

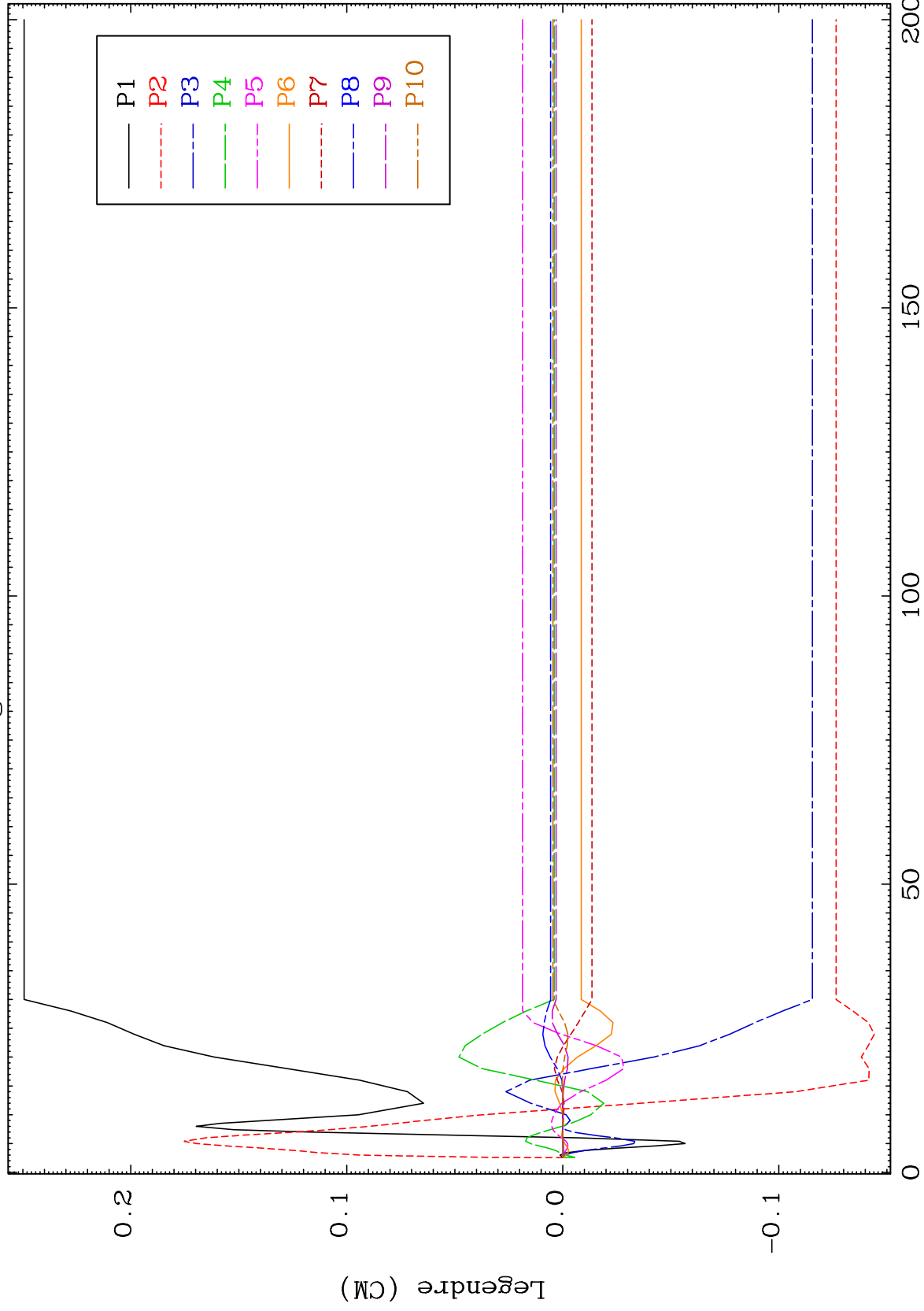
80-Hg-192



MAT 8013

2.535 MeV (n, n') Level
Legendre Coefficients

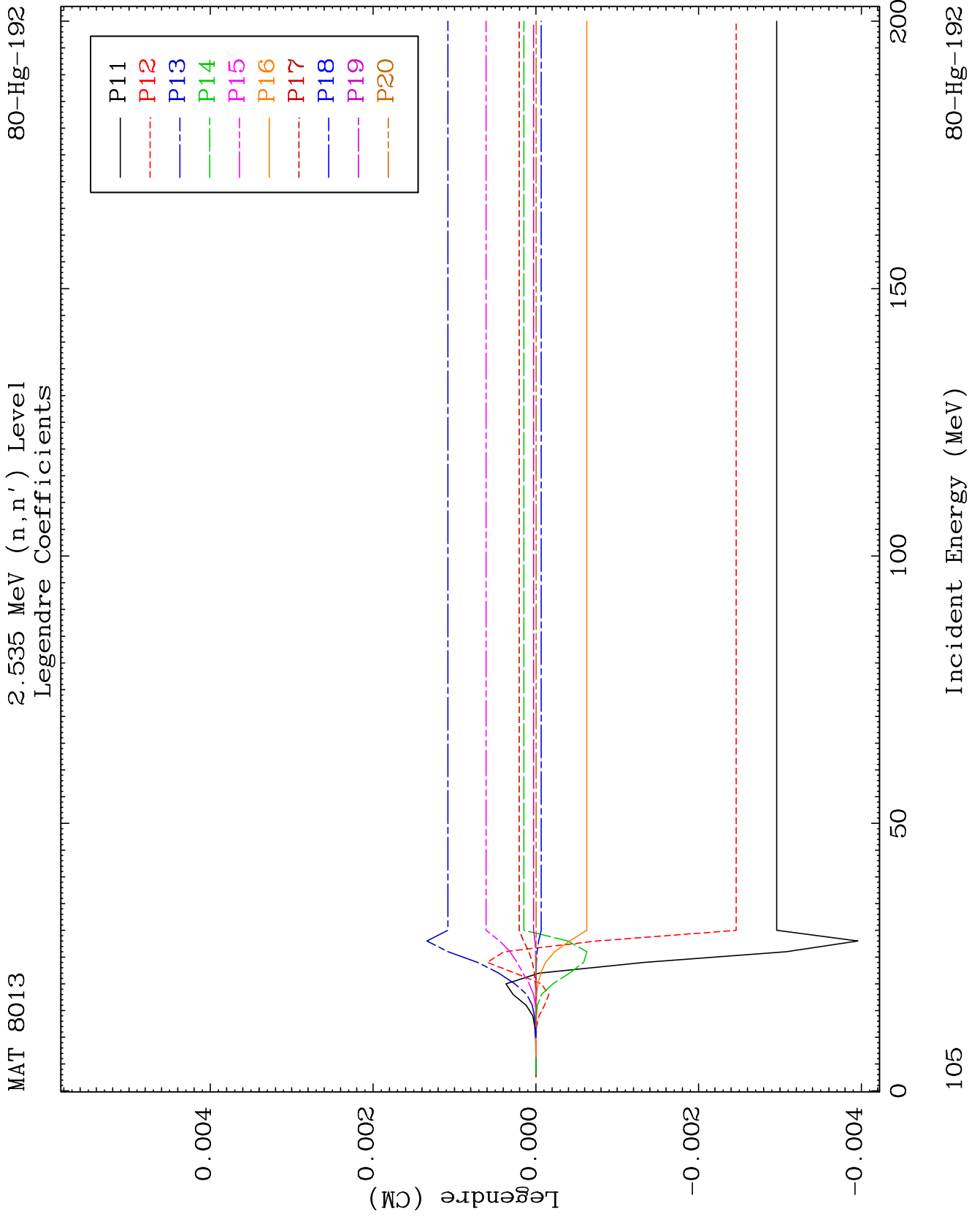
80-Hg-192

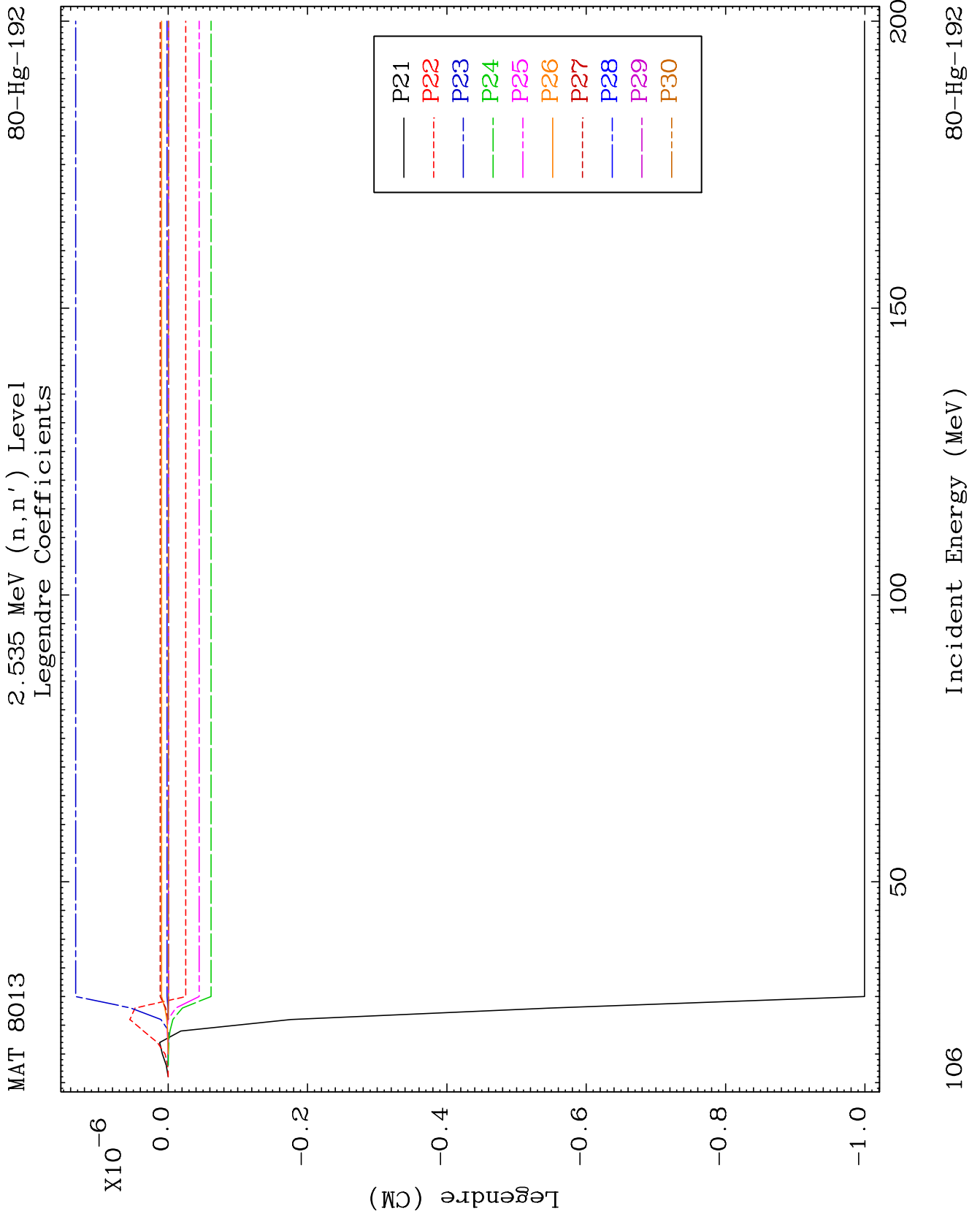


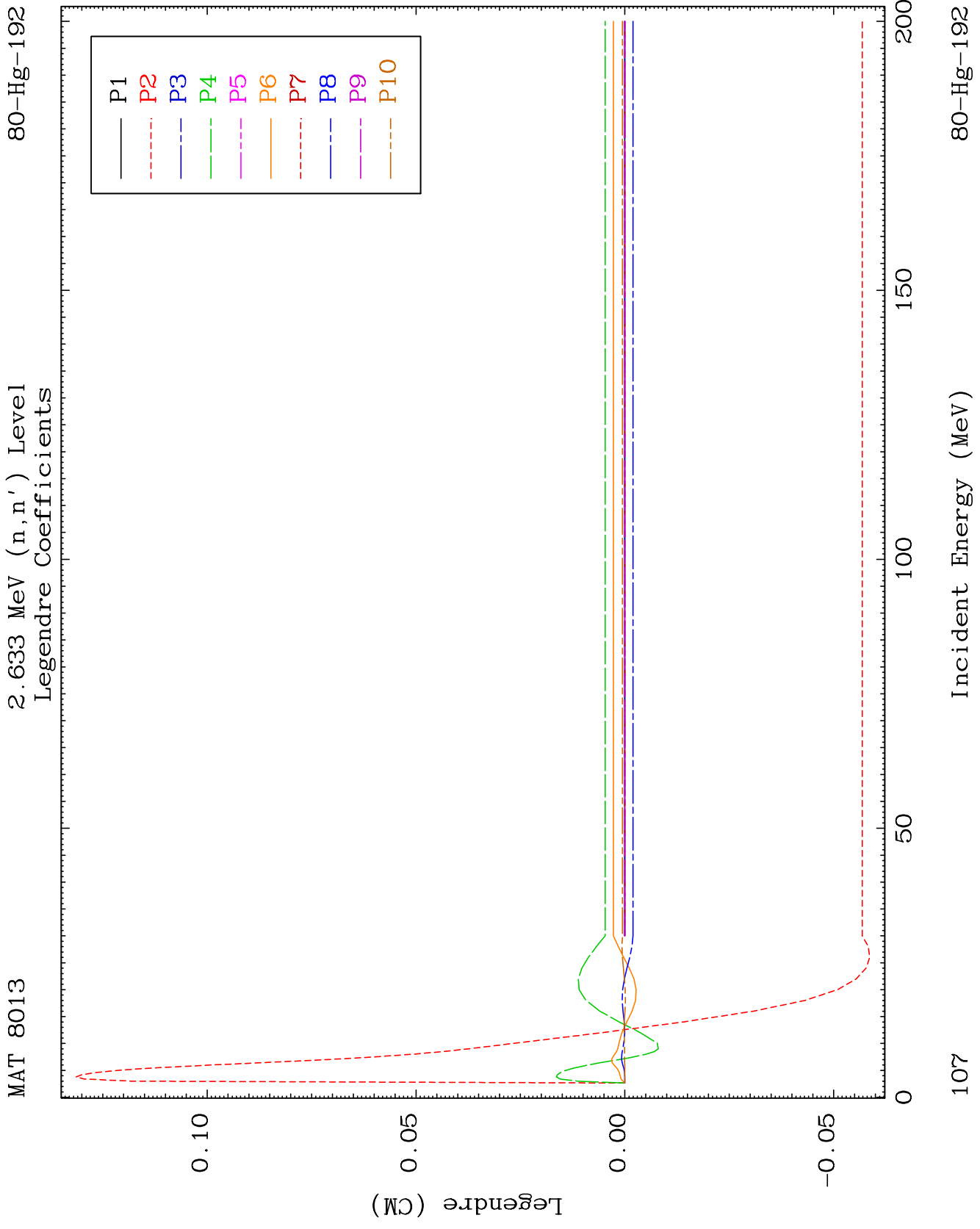
104

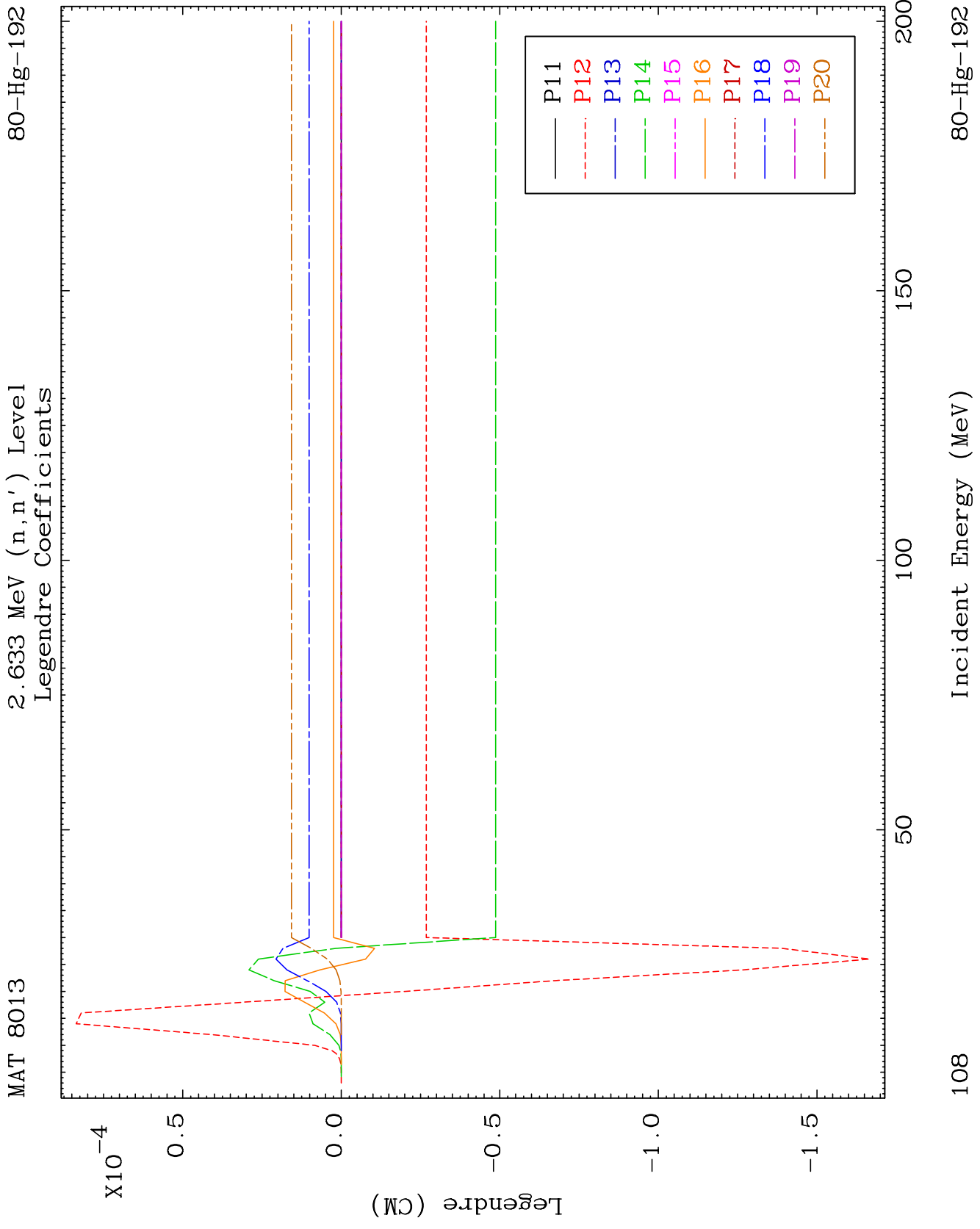
Incident Energy (MeV)

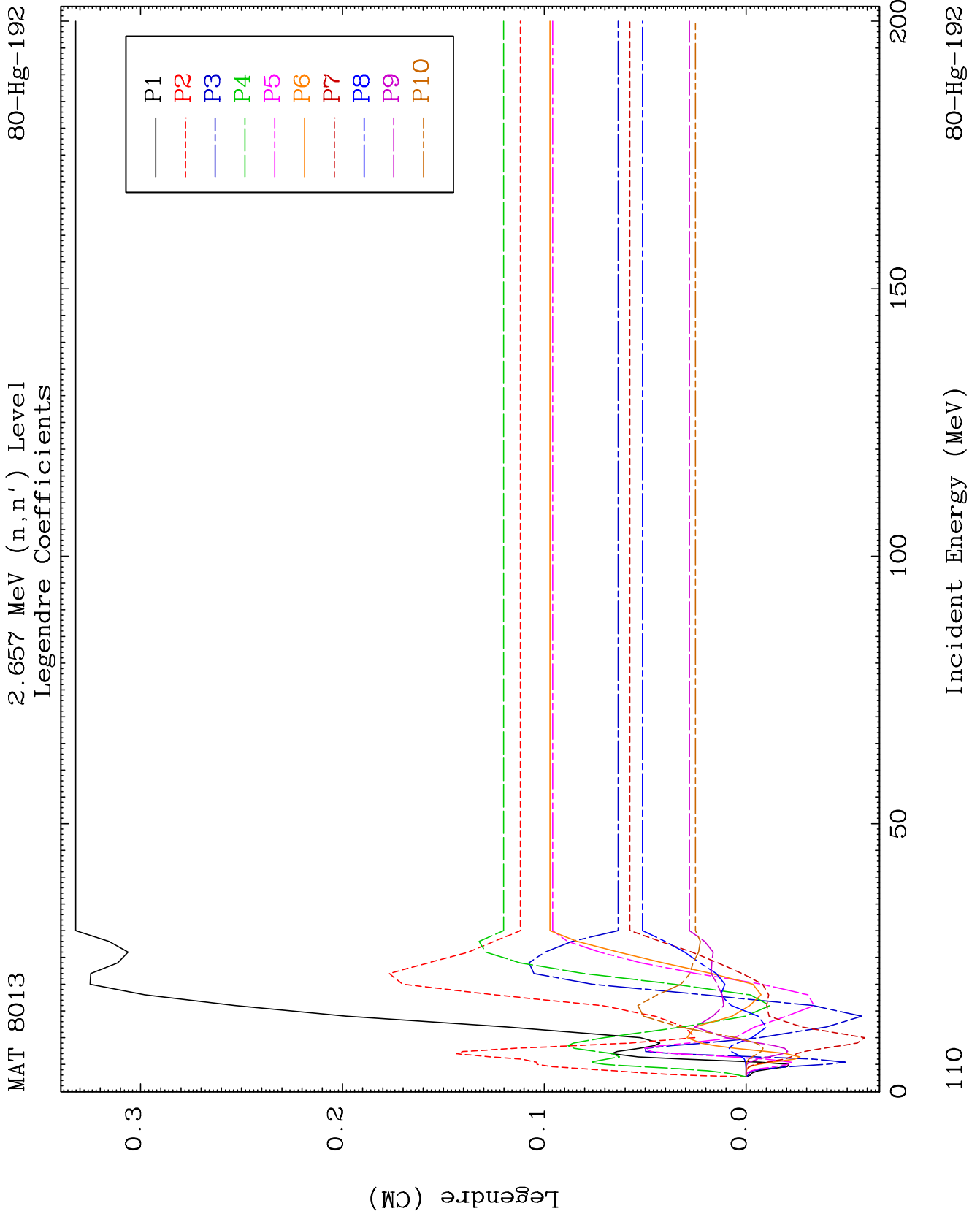
80-Hg-192

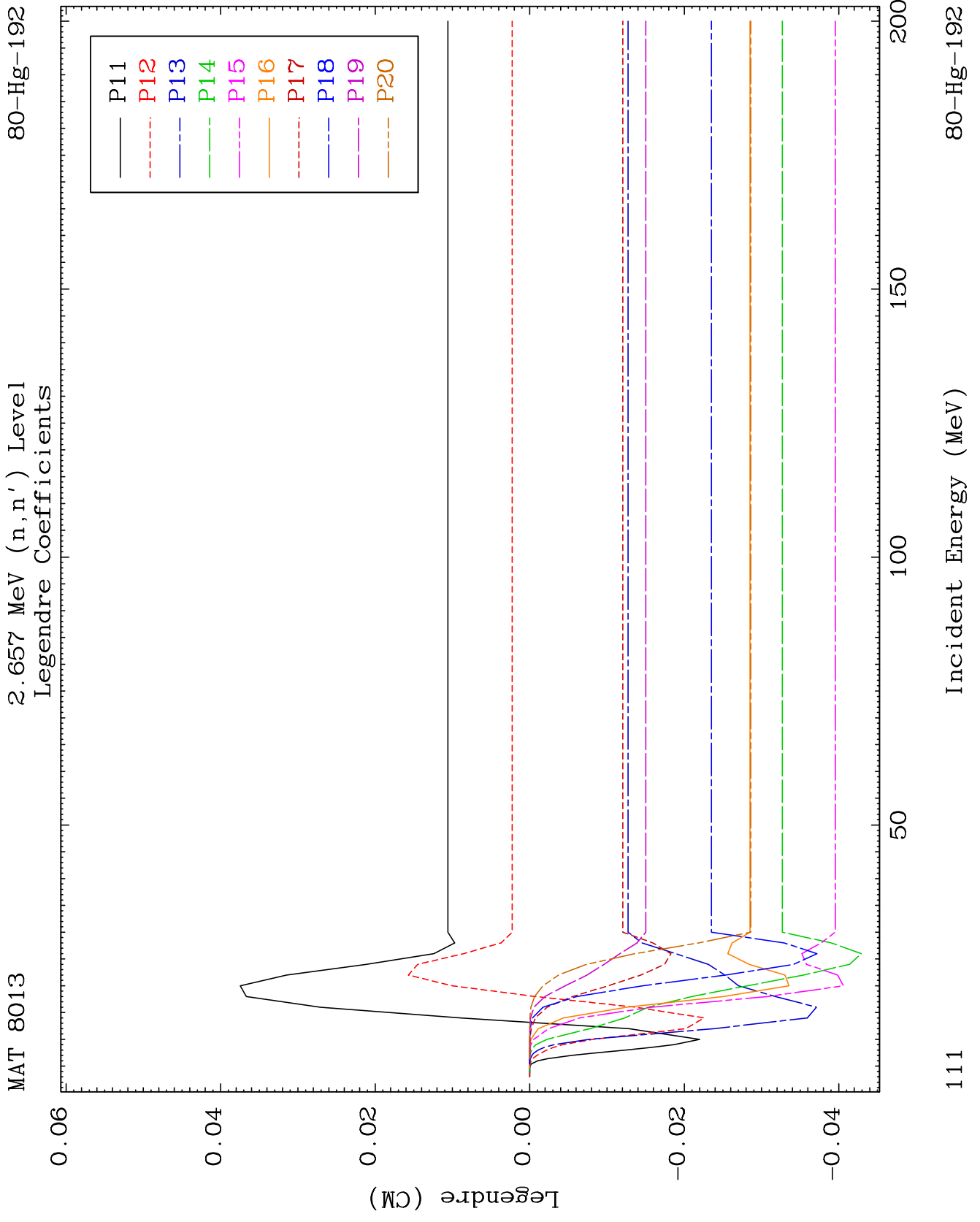


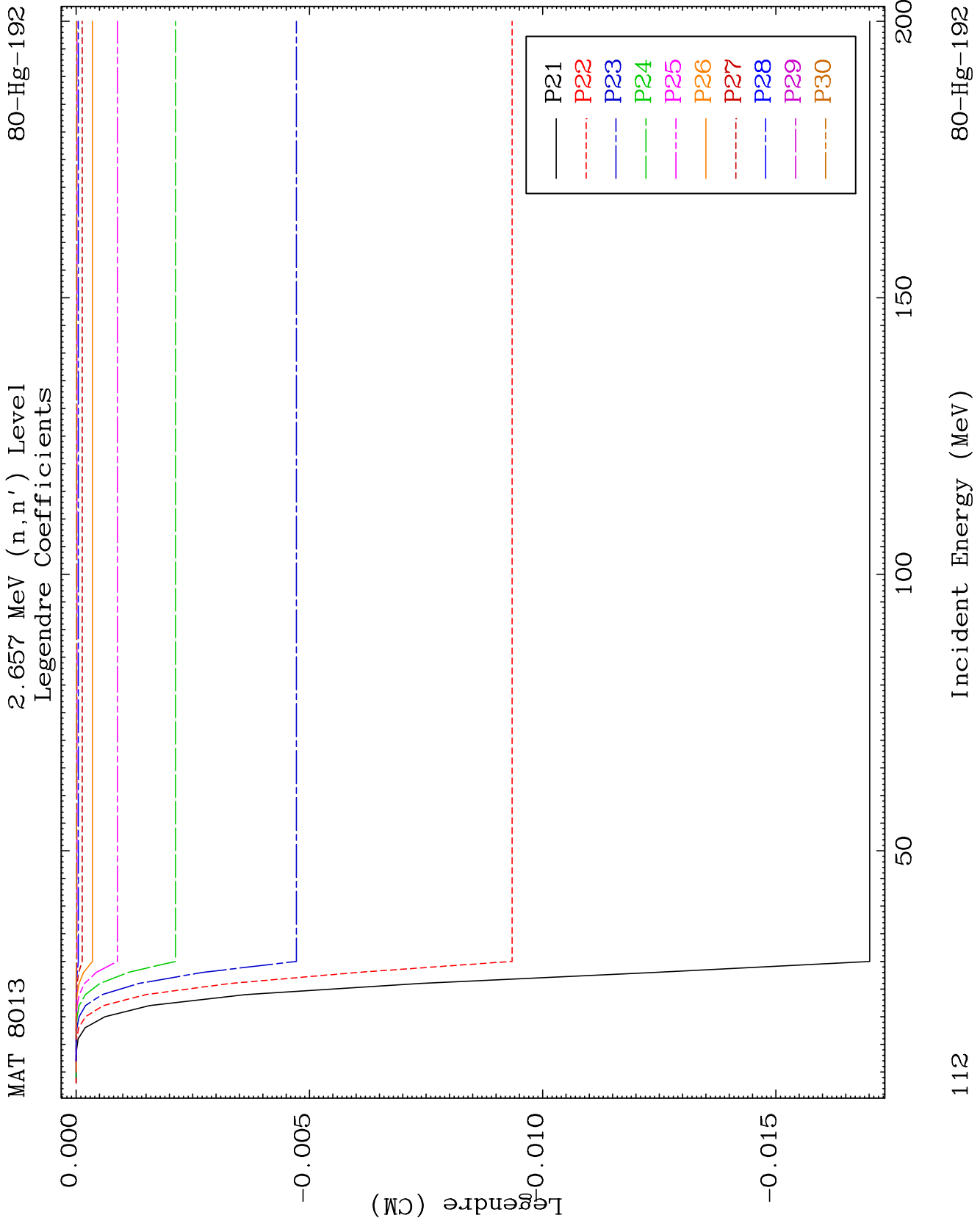


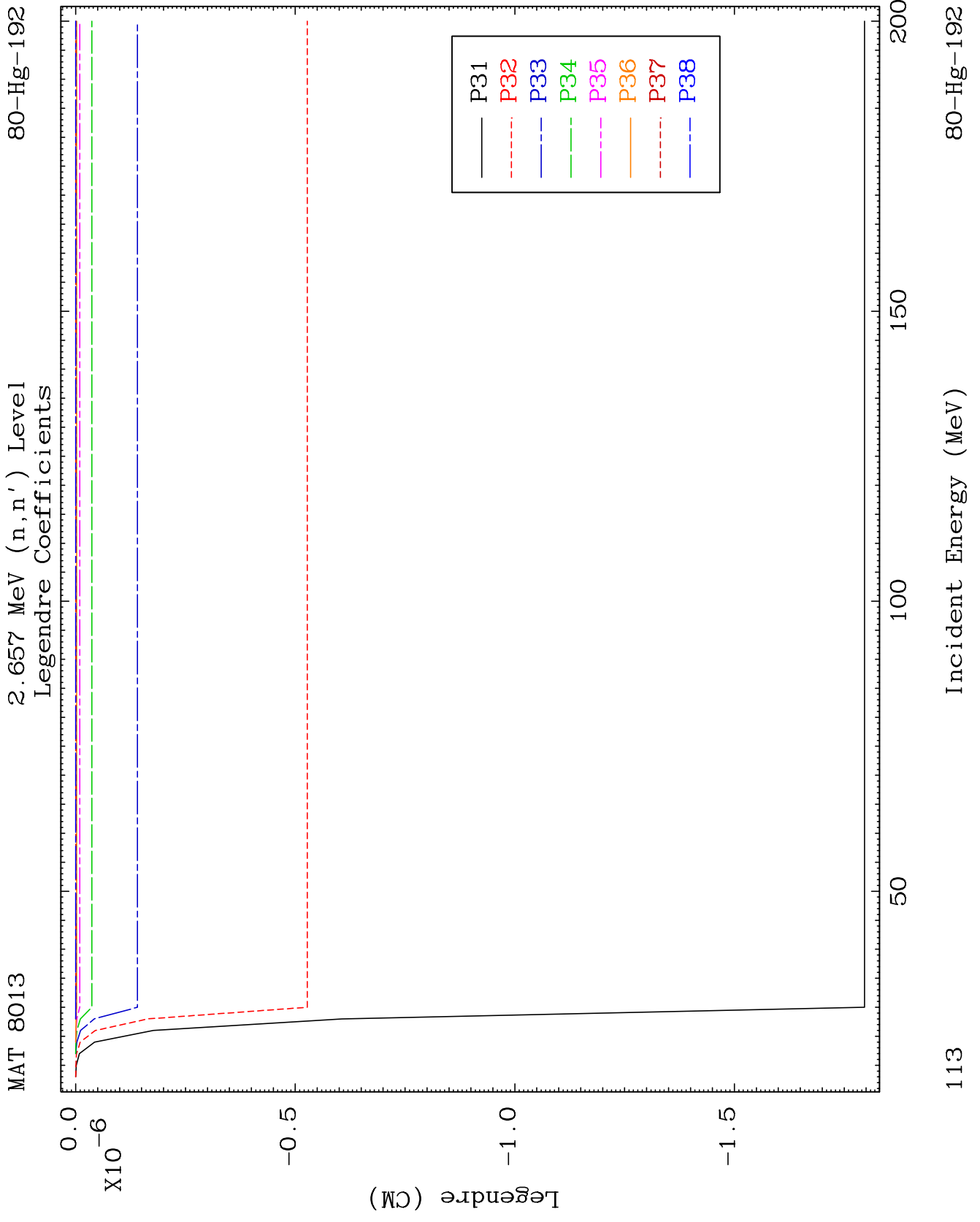










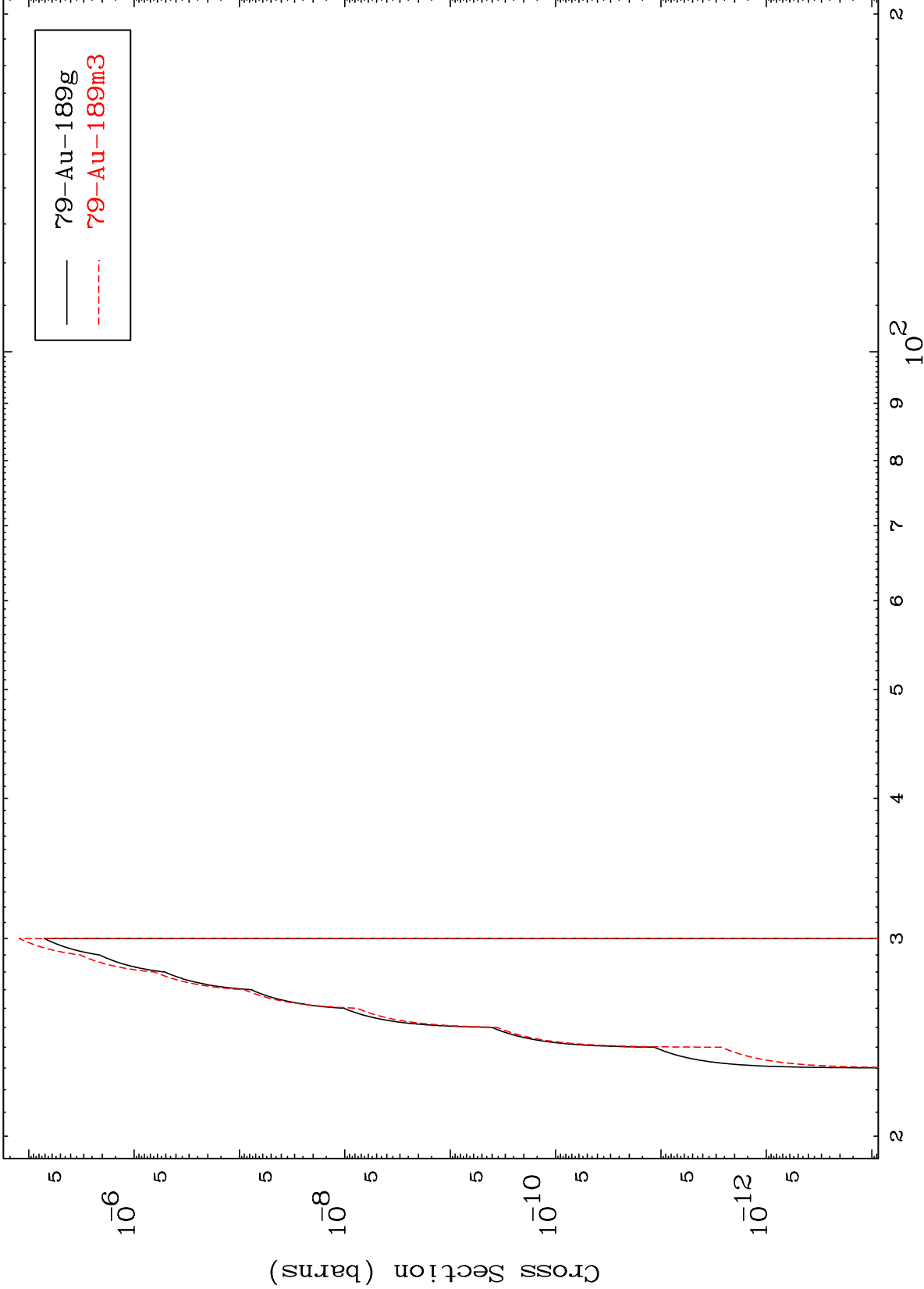


MAT 8013

(n,2n) d

80-Hg-192

Radionuclide Production Cross Section



114

Incident Energy (MeV)

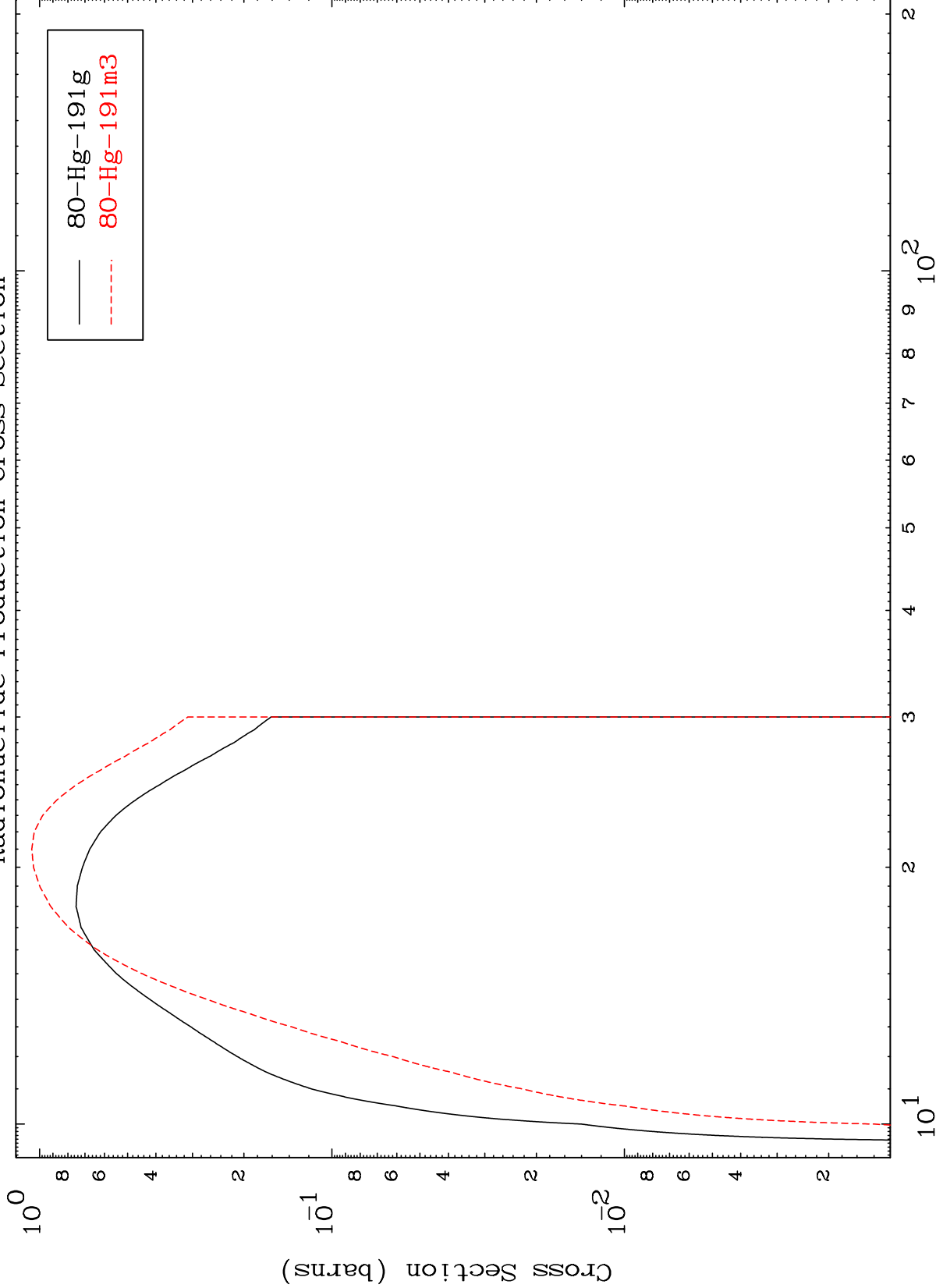
80-Hg-192

MAT 8013

(n,2n)

80-Hg-192

Radionuclide Production Cross Section



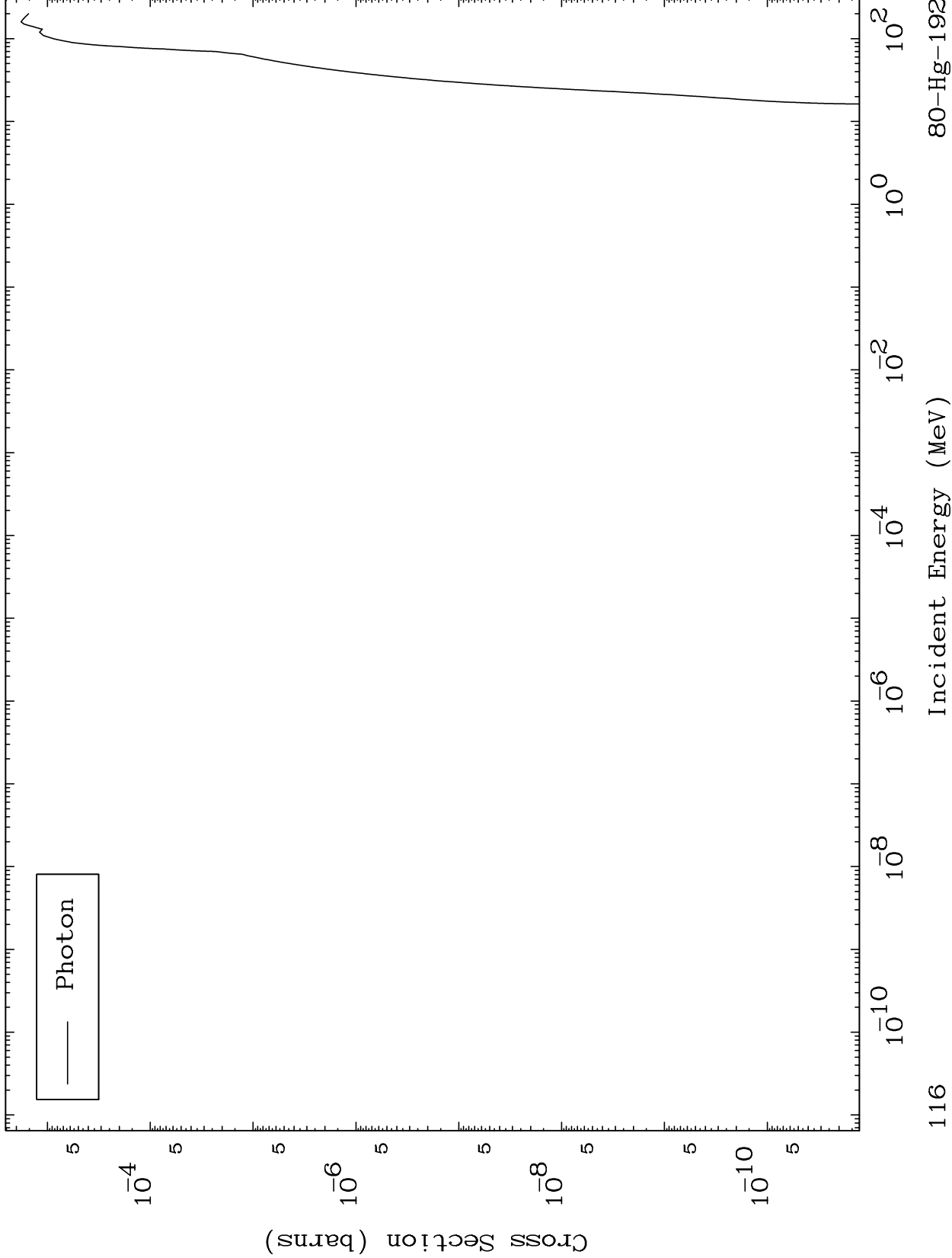
Incident Energy (MeV)

80-Hg-192

MAT 8013

Fission
Radionuclide Production Cross Section

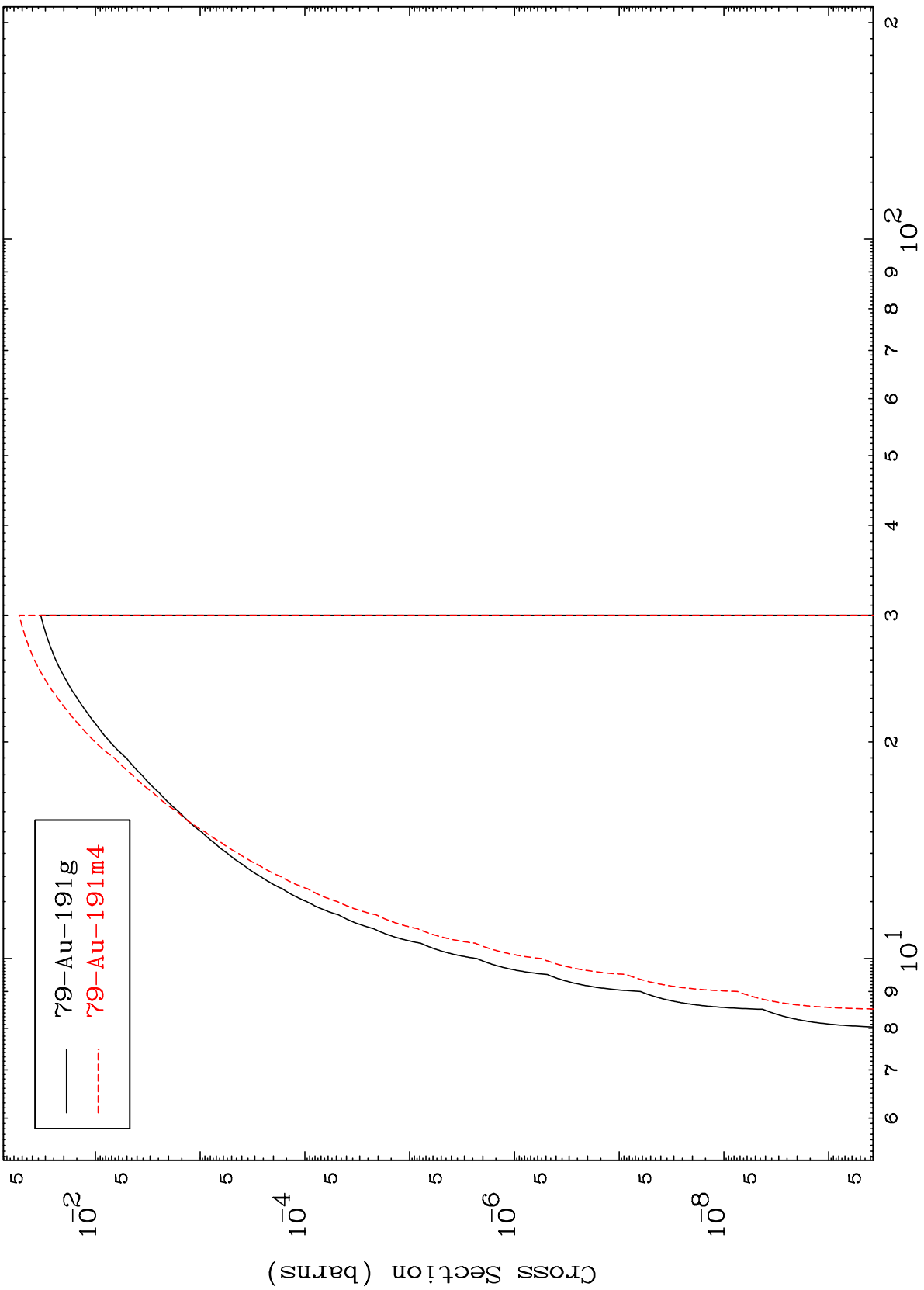
80-Hg-192



MAT 8013

80-Hg-192

(n,n') p
Radionuclide Production Cross Section



117

Incident Energy (MeV)

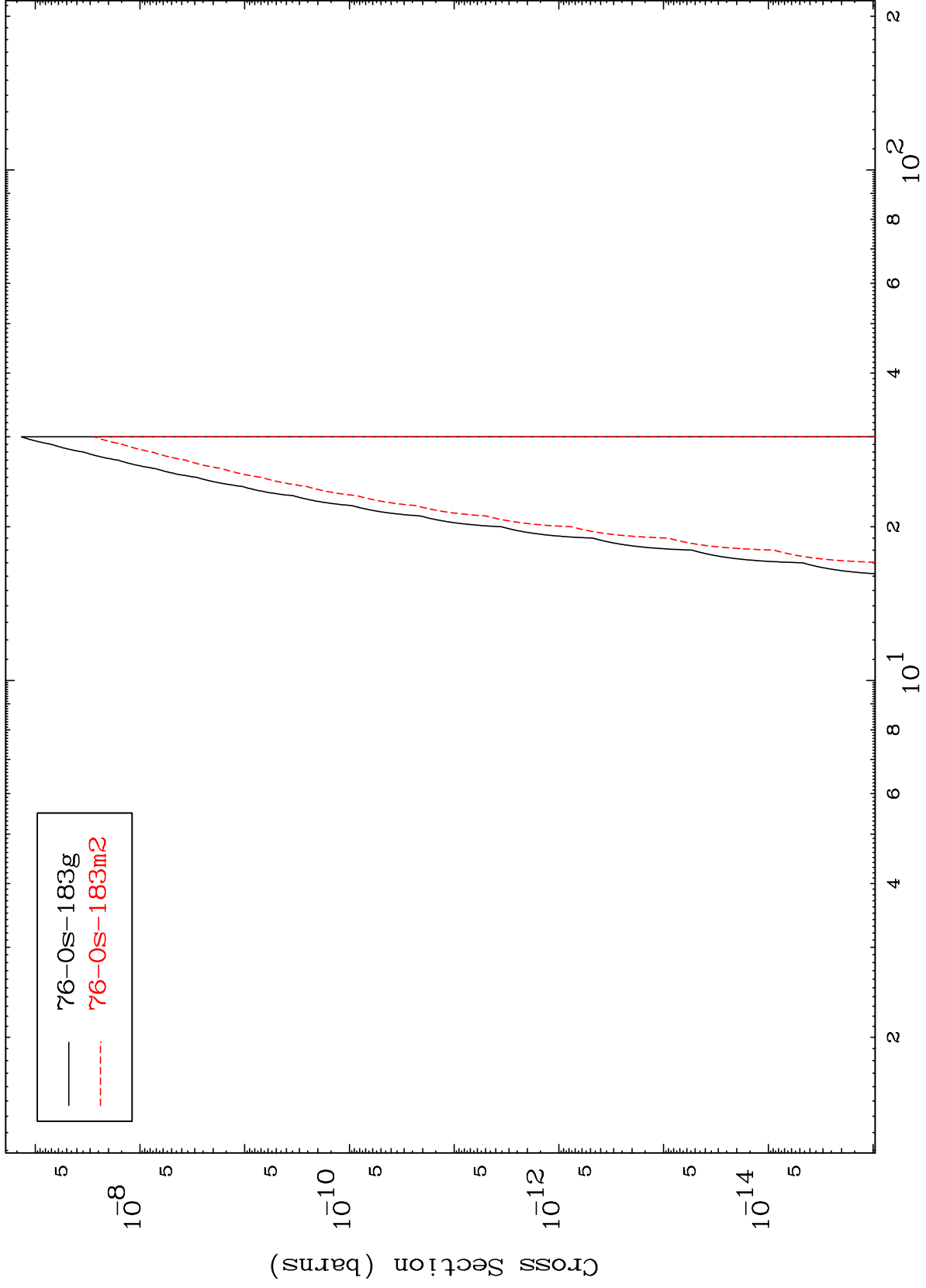
80-Hg-192

MAT 8013

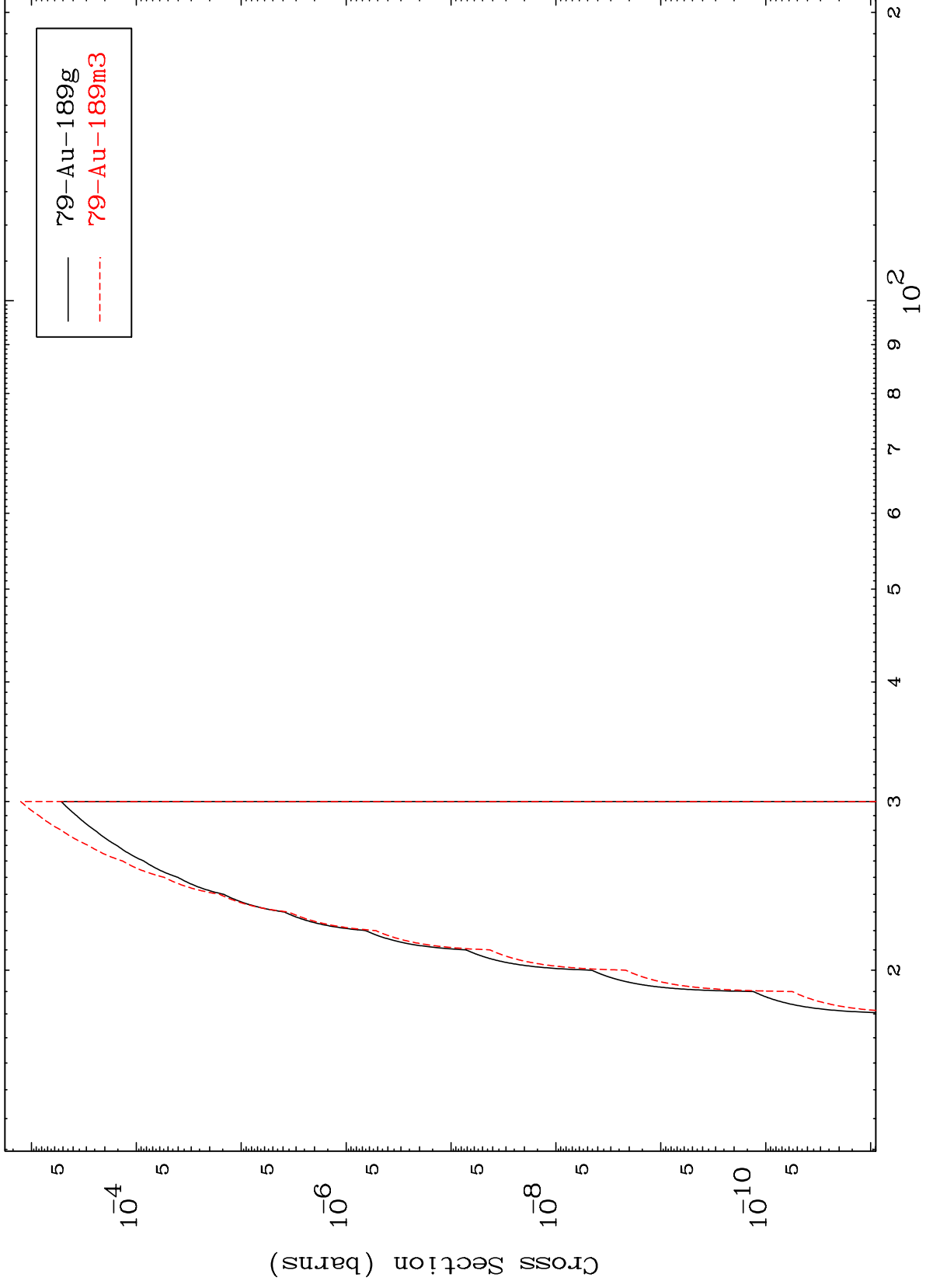
$(n,2n)$ 2α

80-Hg-192

Radionuclide Production Cross Section



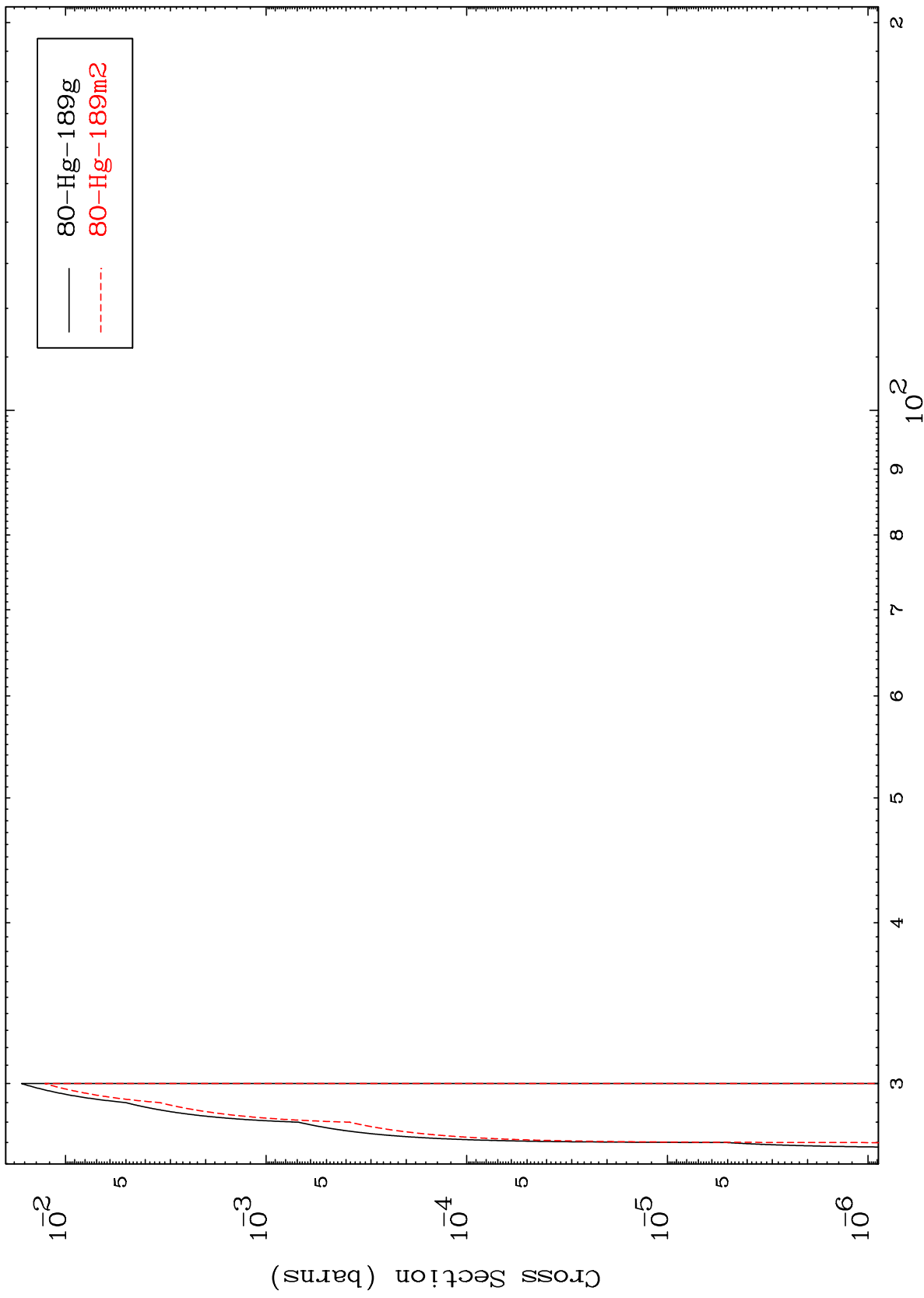
Radionuclide Production Cross Section



MAT 8013

80-Hg-192

(n,4n)
Radionuclide Production Cross Section



120

80-Hg-192

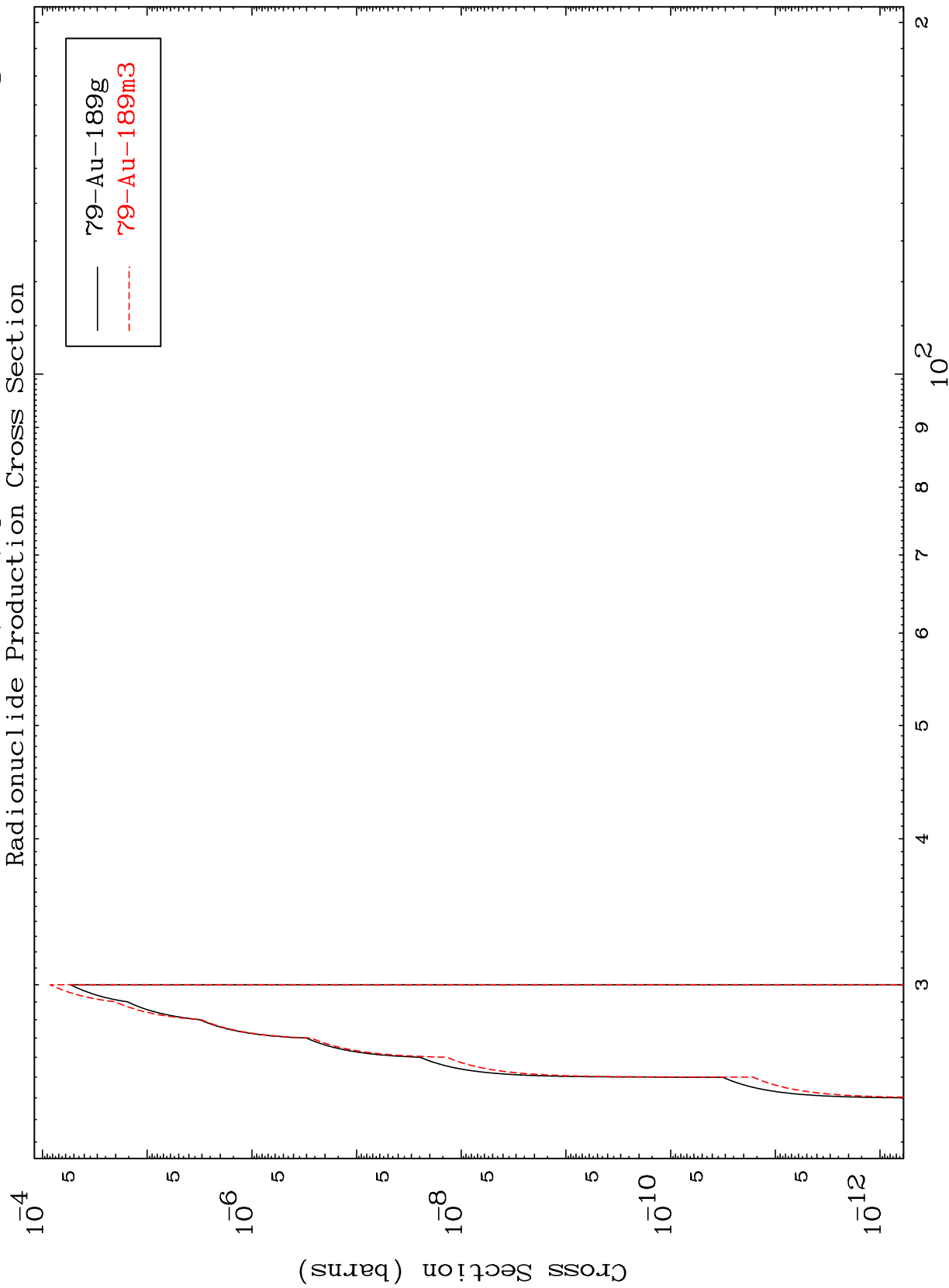
Incident Energy (MeV)

MAT 8013

(n,3n) p

80-Hg-192

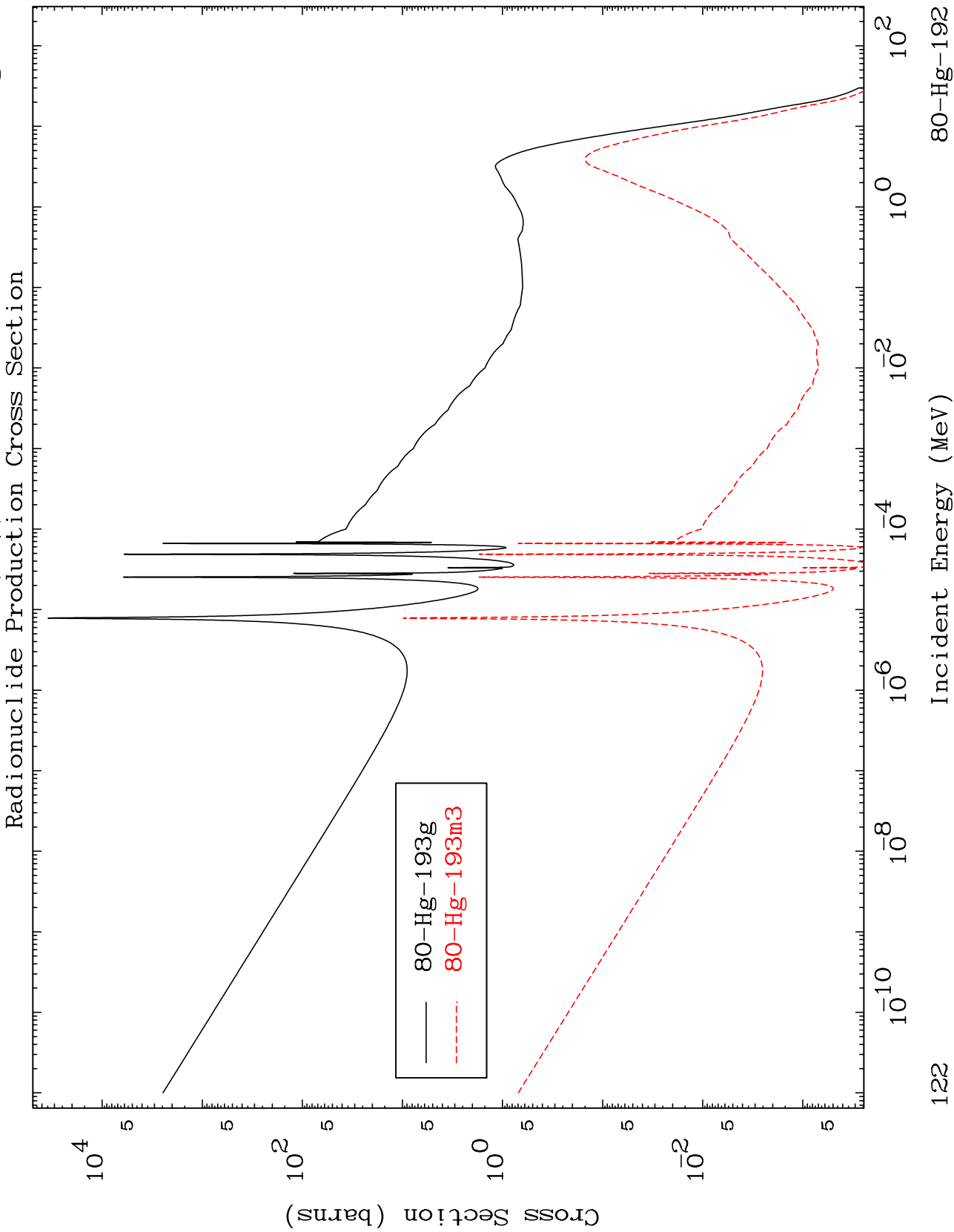
Radionuclide Production Cross Section



121

Incident Energy (MeV)

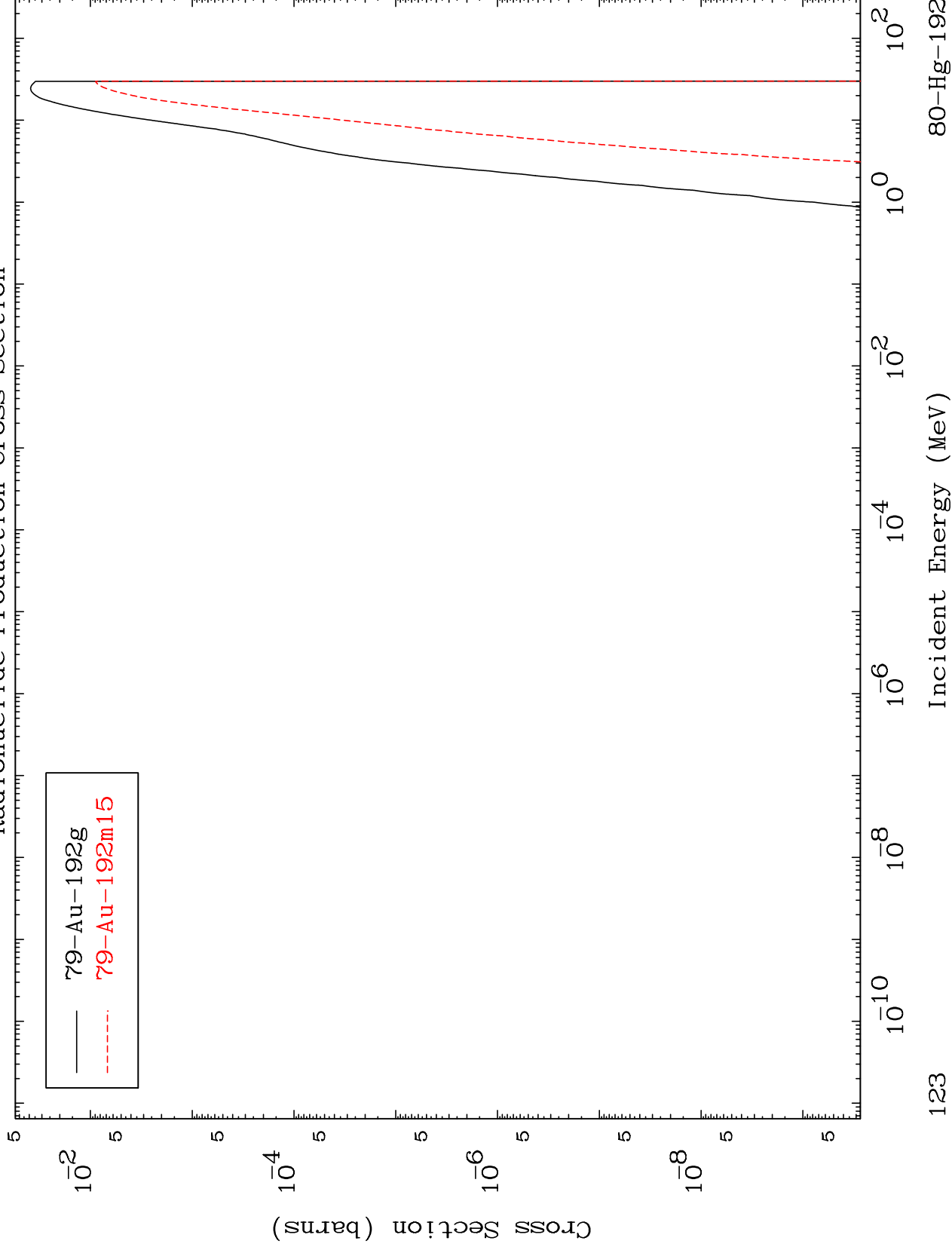
80-Hg-192



MAT 8013

(n,p)
Radionuclide Production Cross Section

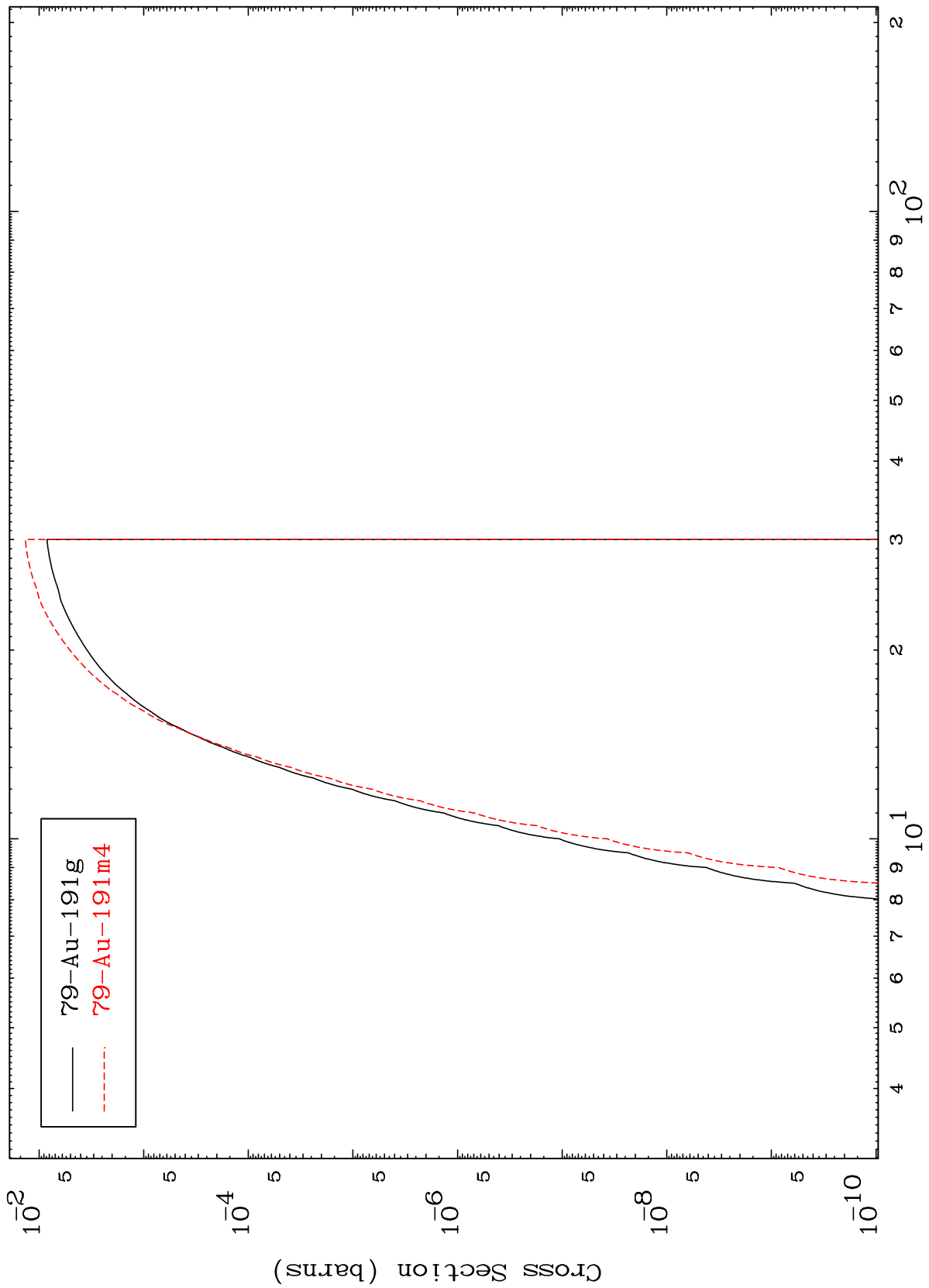
80-Hg-192



MAT 8013

80-Hg-192

(n,d)
Radionuclide Production Cross Section



124

80-Hg-192

Incident Energy (MeV)