

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

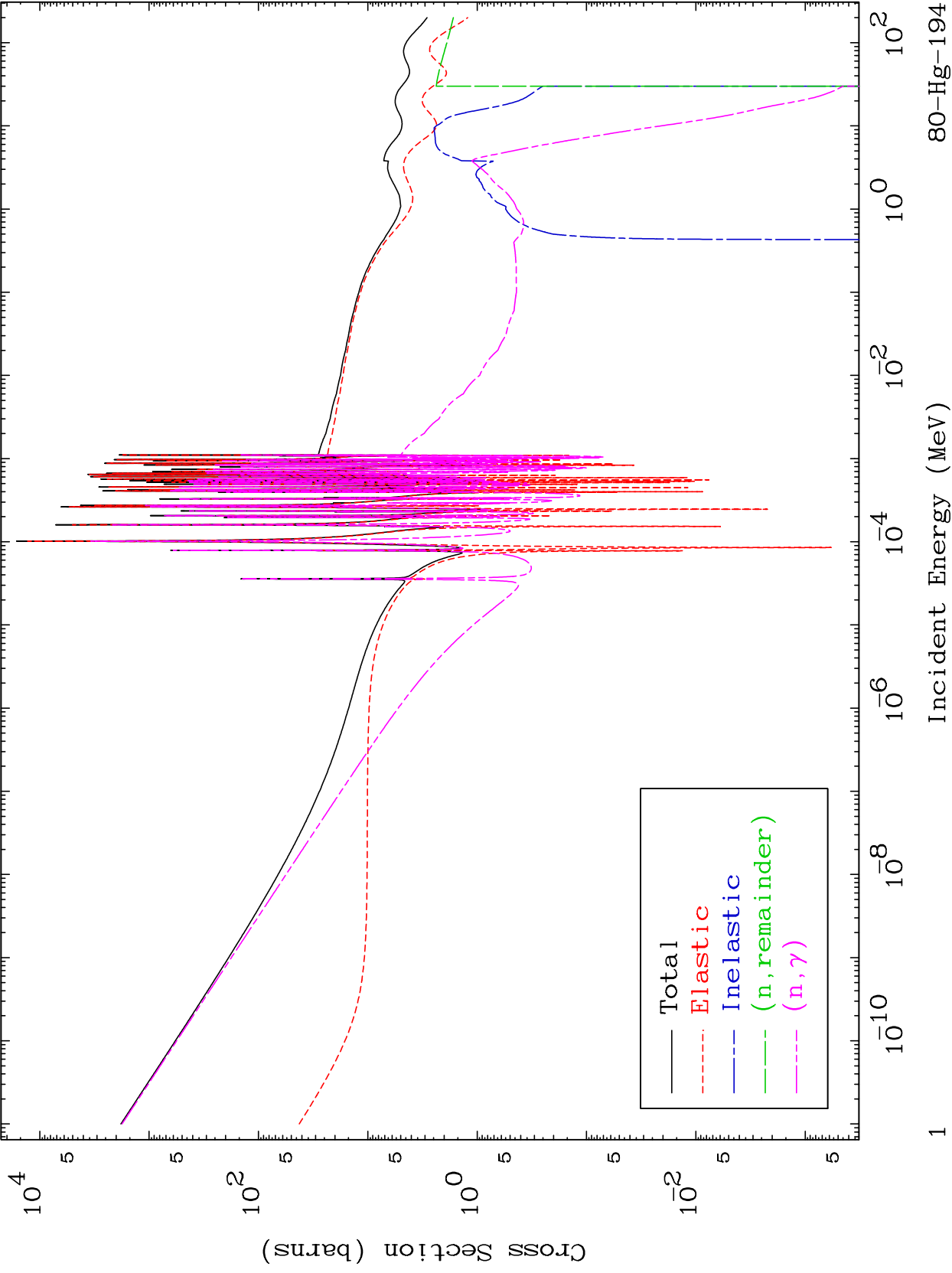
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8019

Major
293 Kelvin Cross Sections

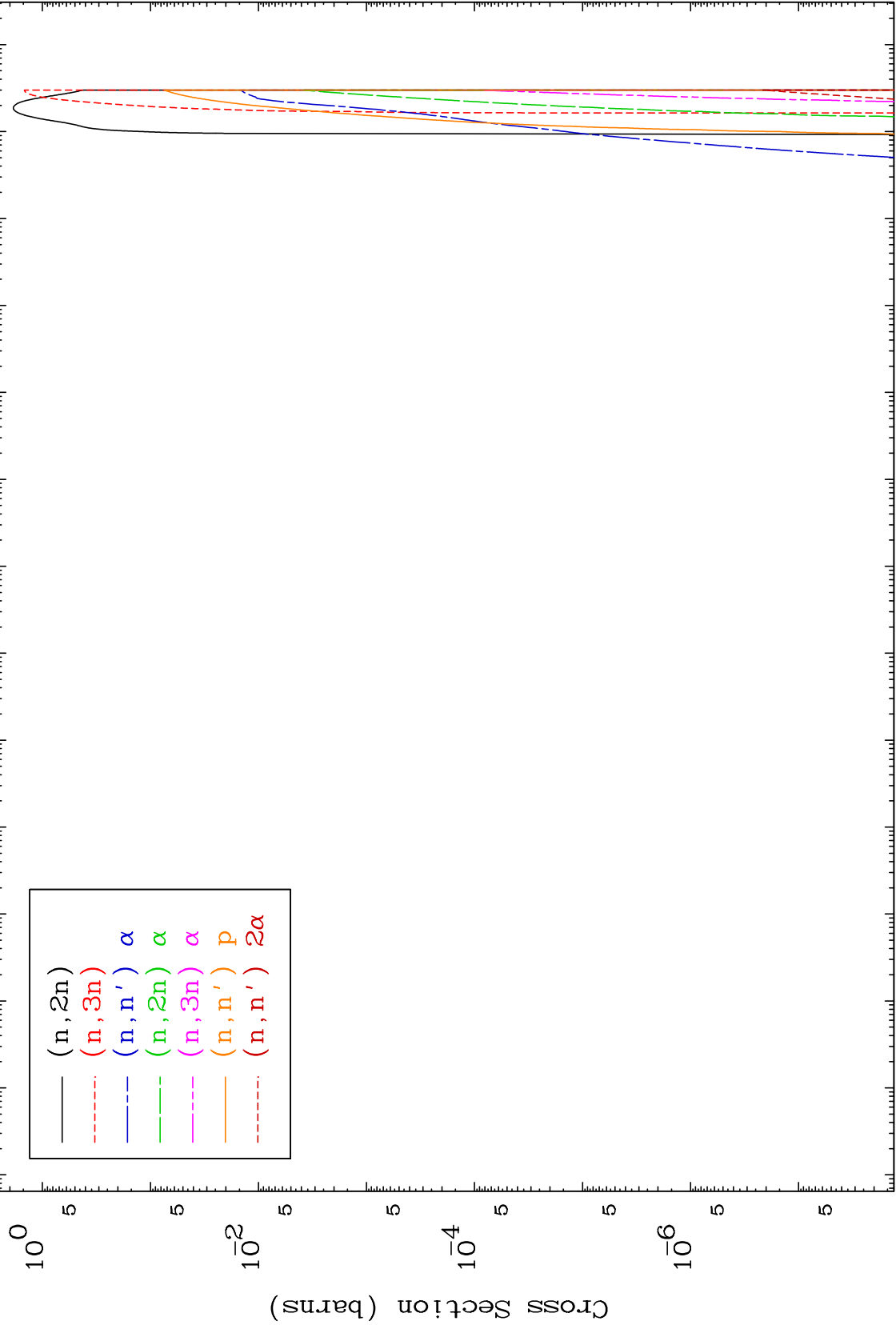
80-Hg-194

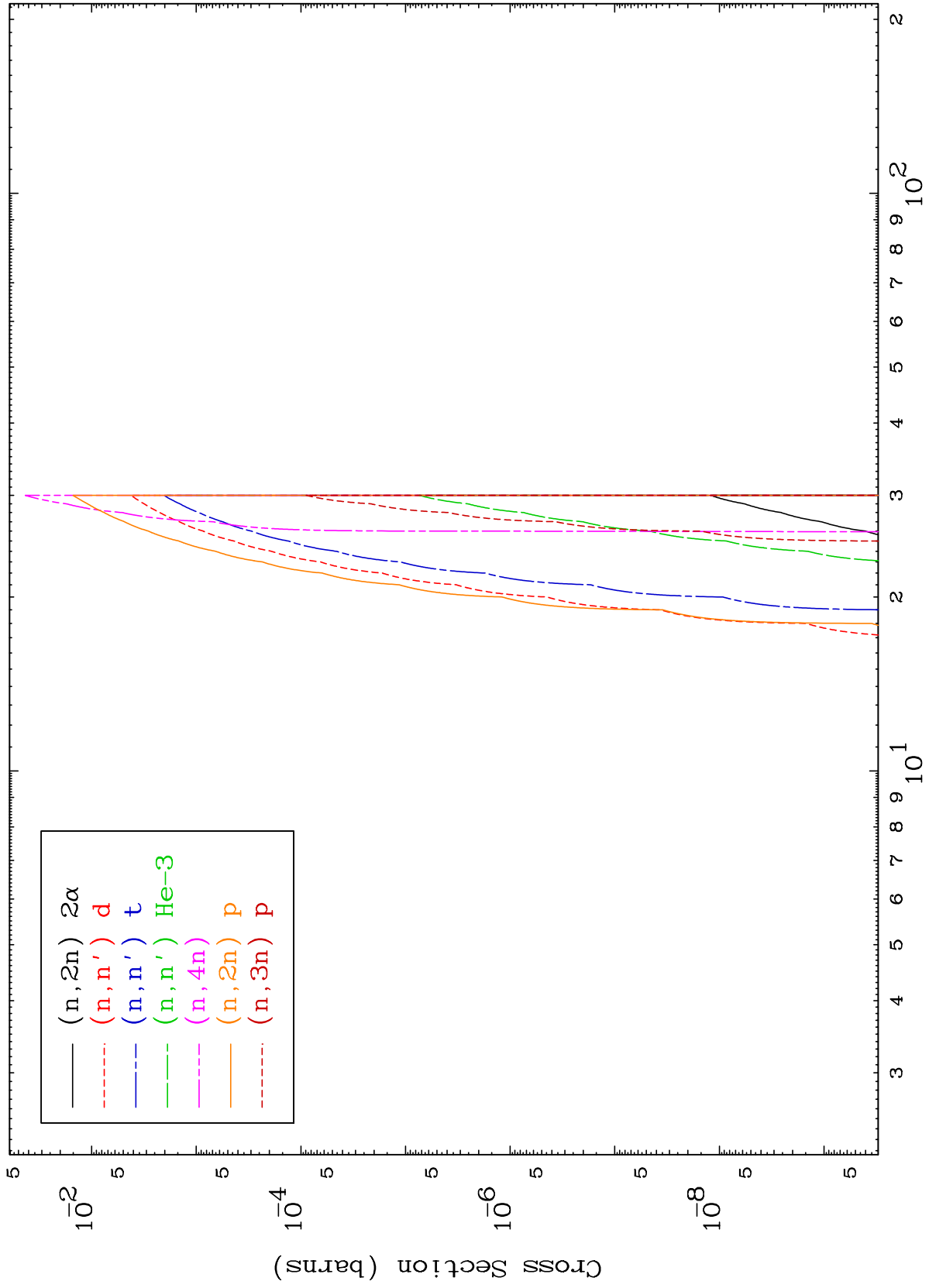


MAT 8019

Neutron Production
293 Kelvin Cross Sections

80-Hg-194

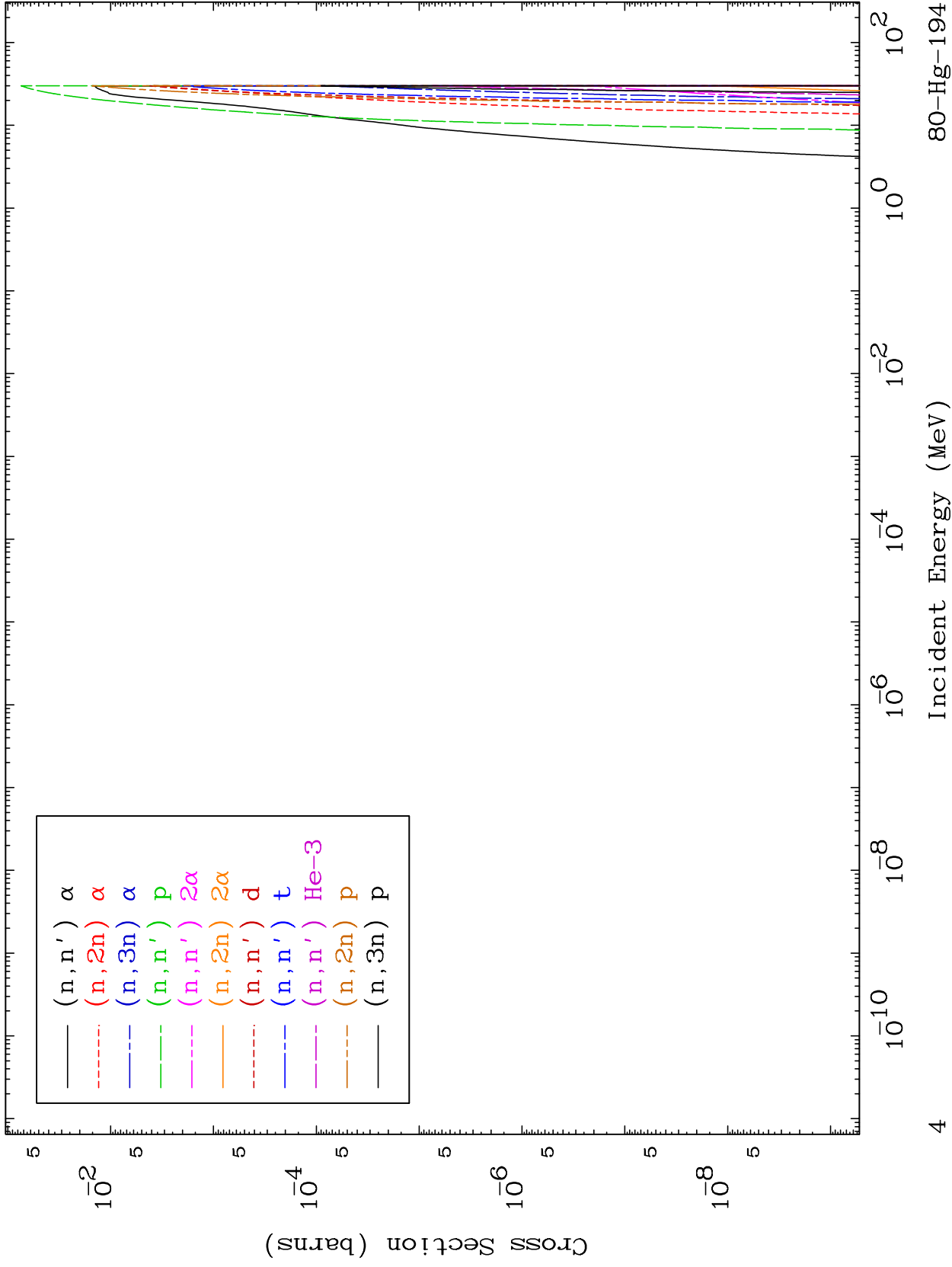




MAT 8019

Charged Particle
293 Kelvin Cross Sections

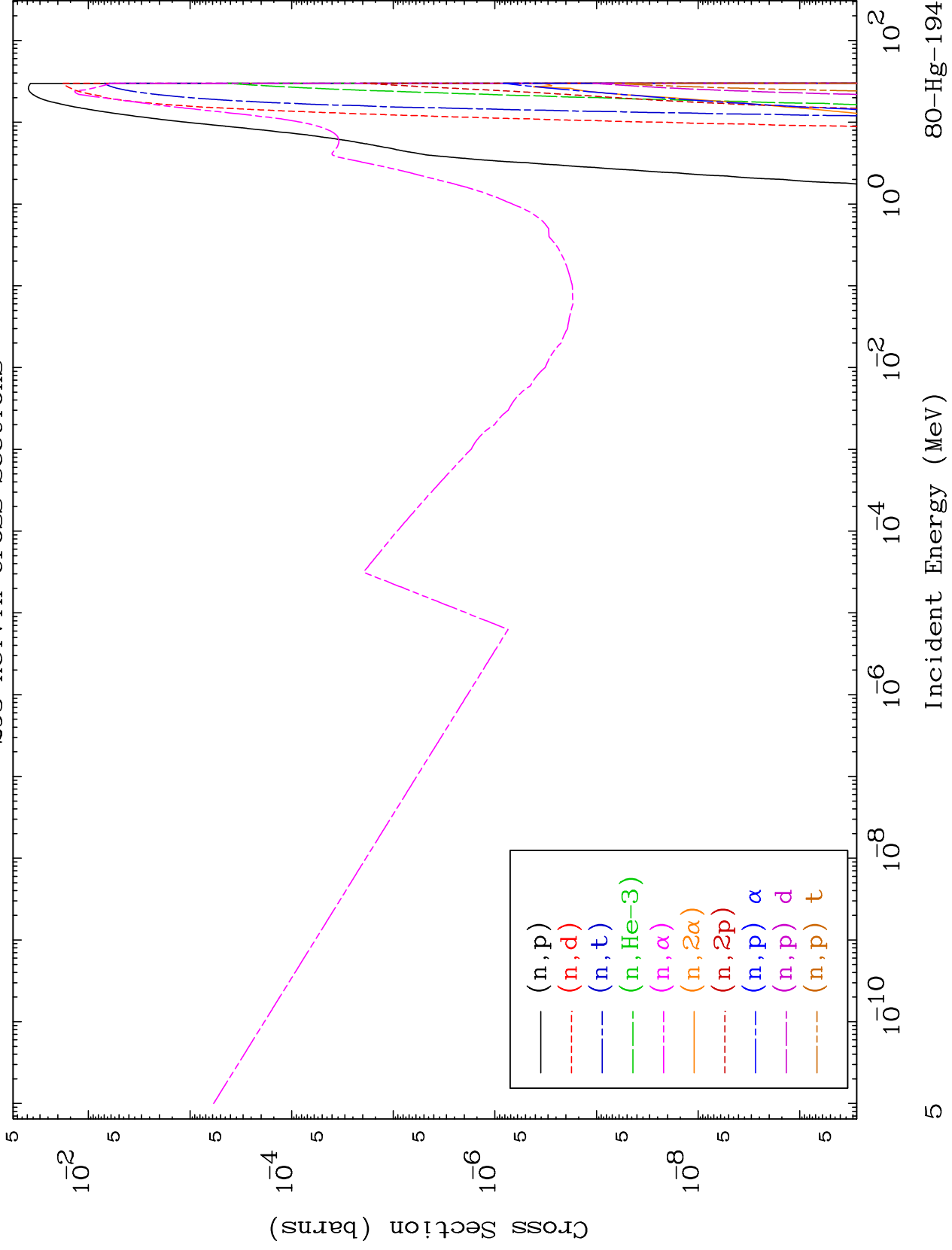
80-Hg-194

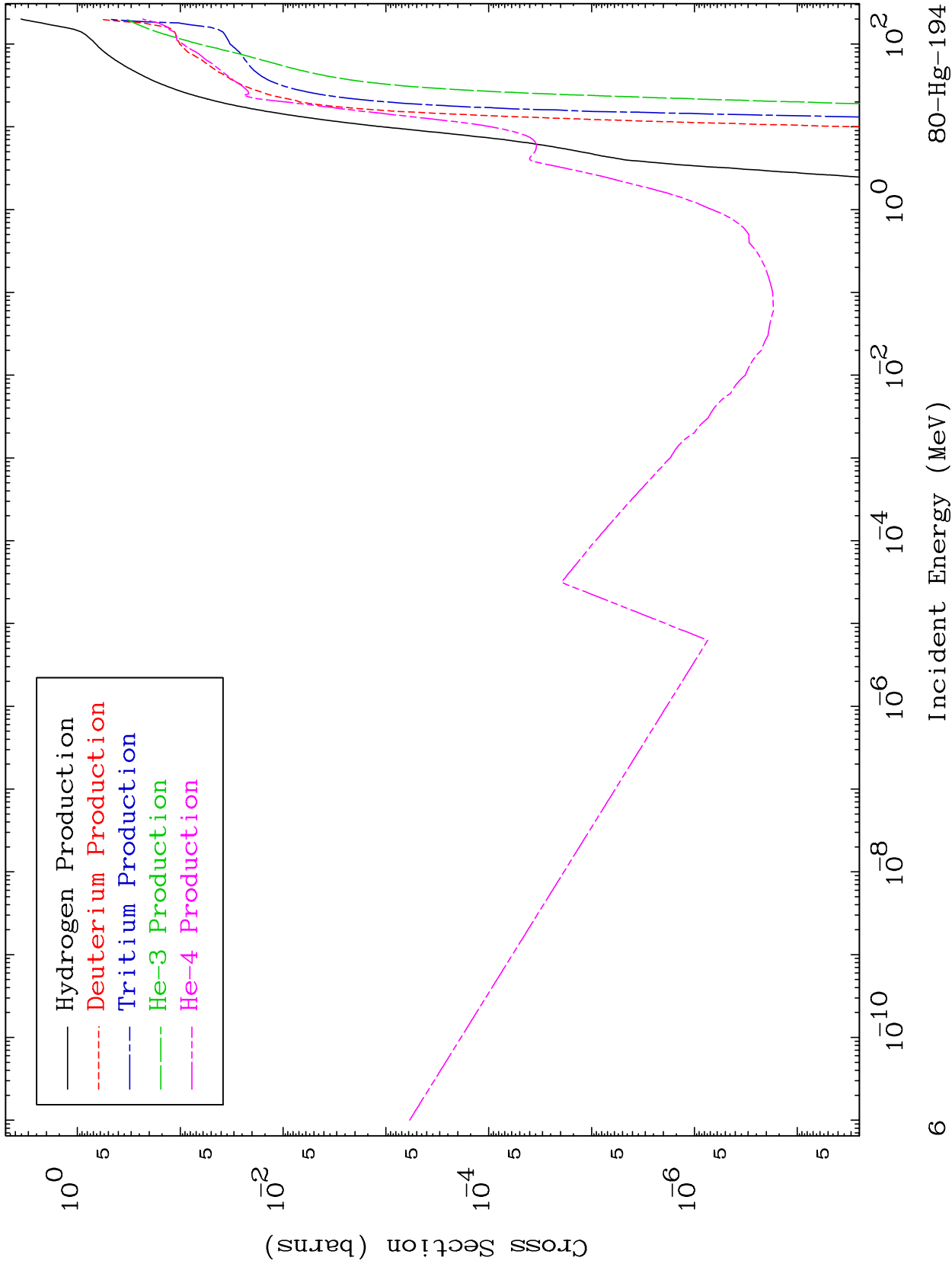


MAT 8019

Charged Particle
293 Kelvin Cross Sections

80-Hg-194

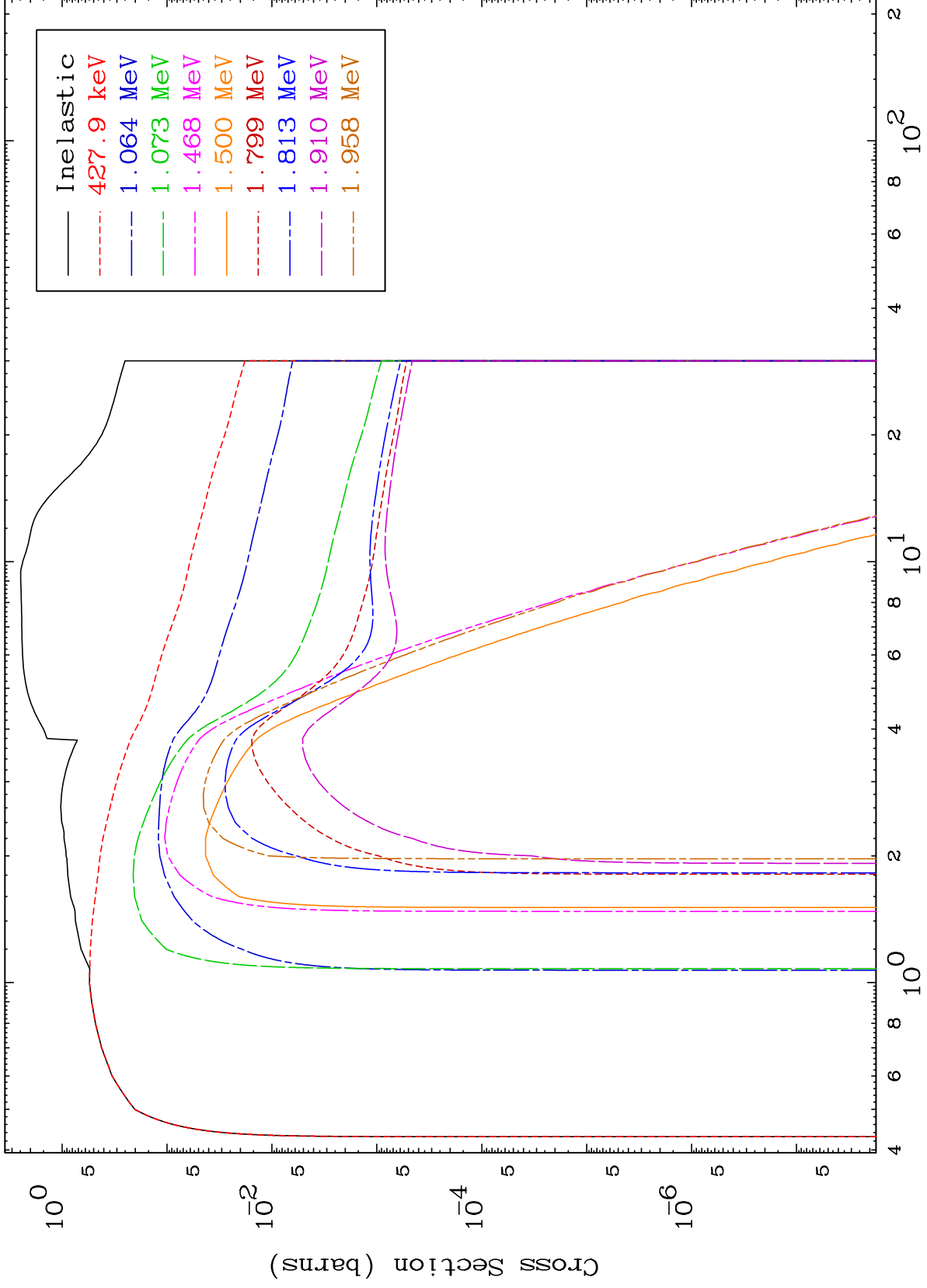




MAT 8019

(n,n') Level
293 Kelvin Cross Sections

80-Hg-194



7

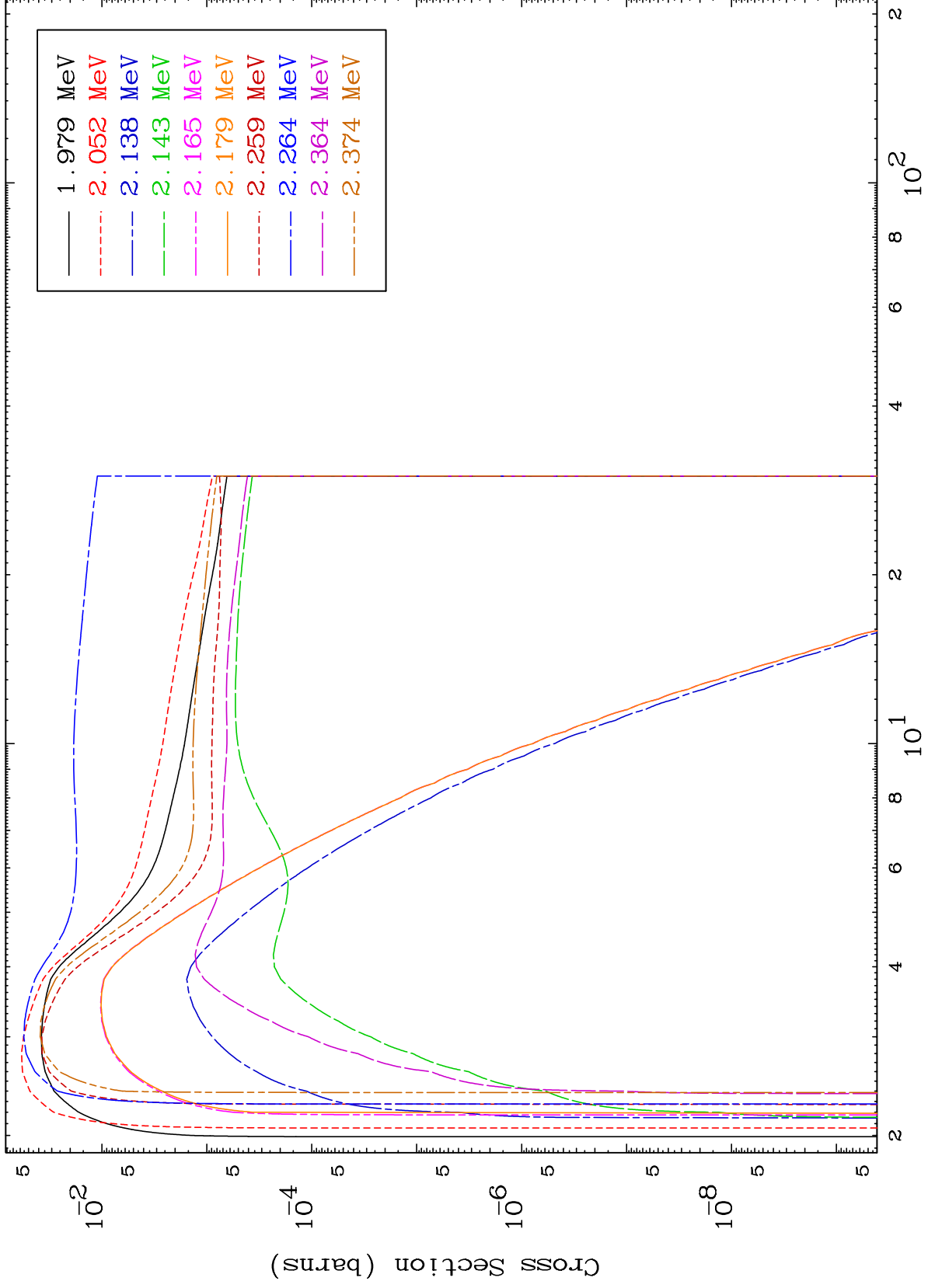
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,n') Level
293 Kelvin Cross Sections

80-Hg-194



8

Incident Energy (MeV)

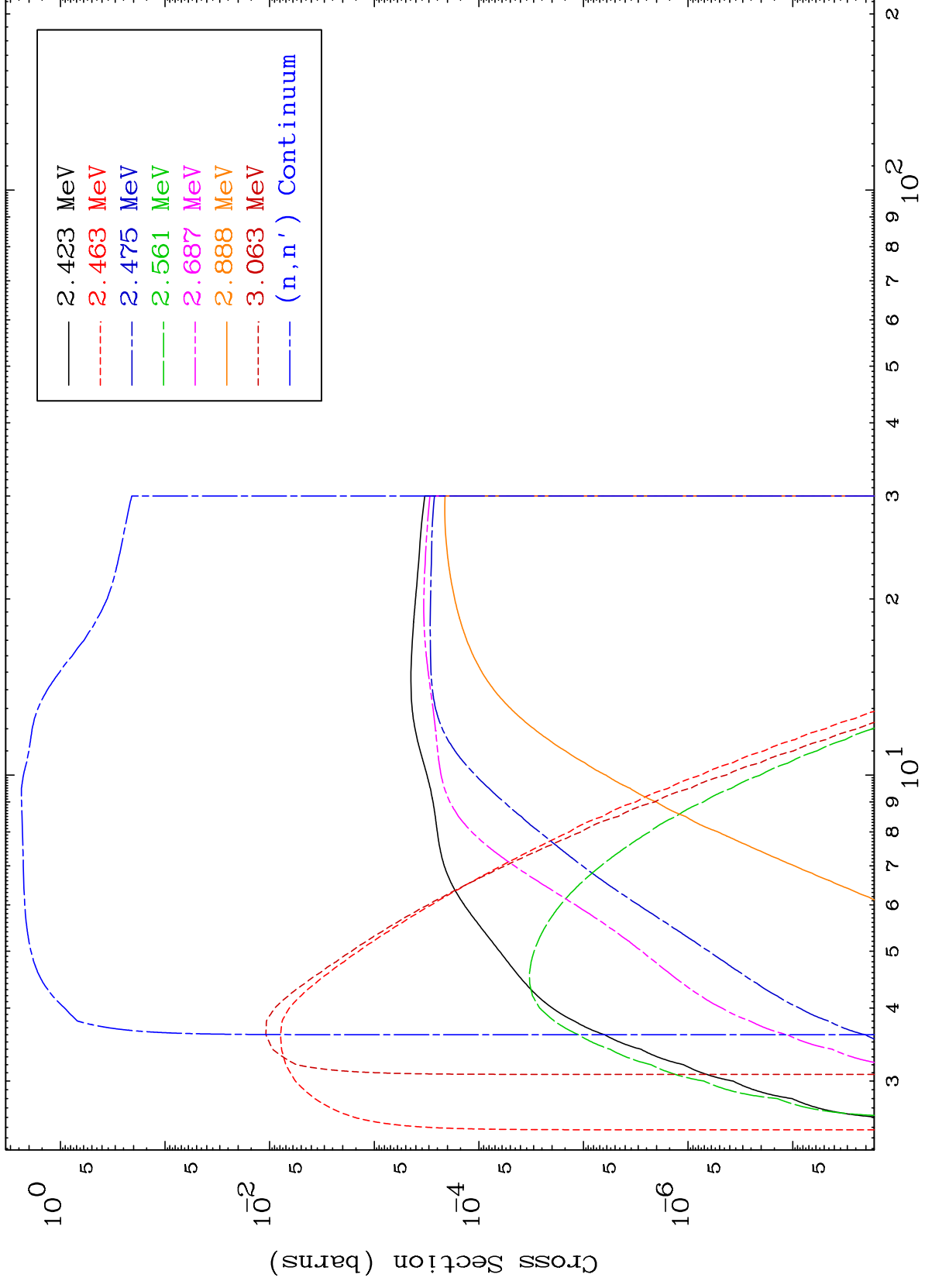
80-Hg-194

MAT 8019

(n,n') Level

80-Hg-194

293 Kelvin Cross Sections



9

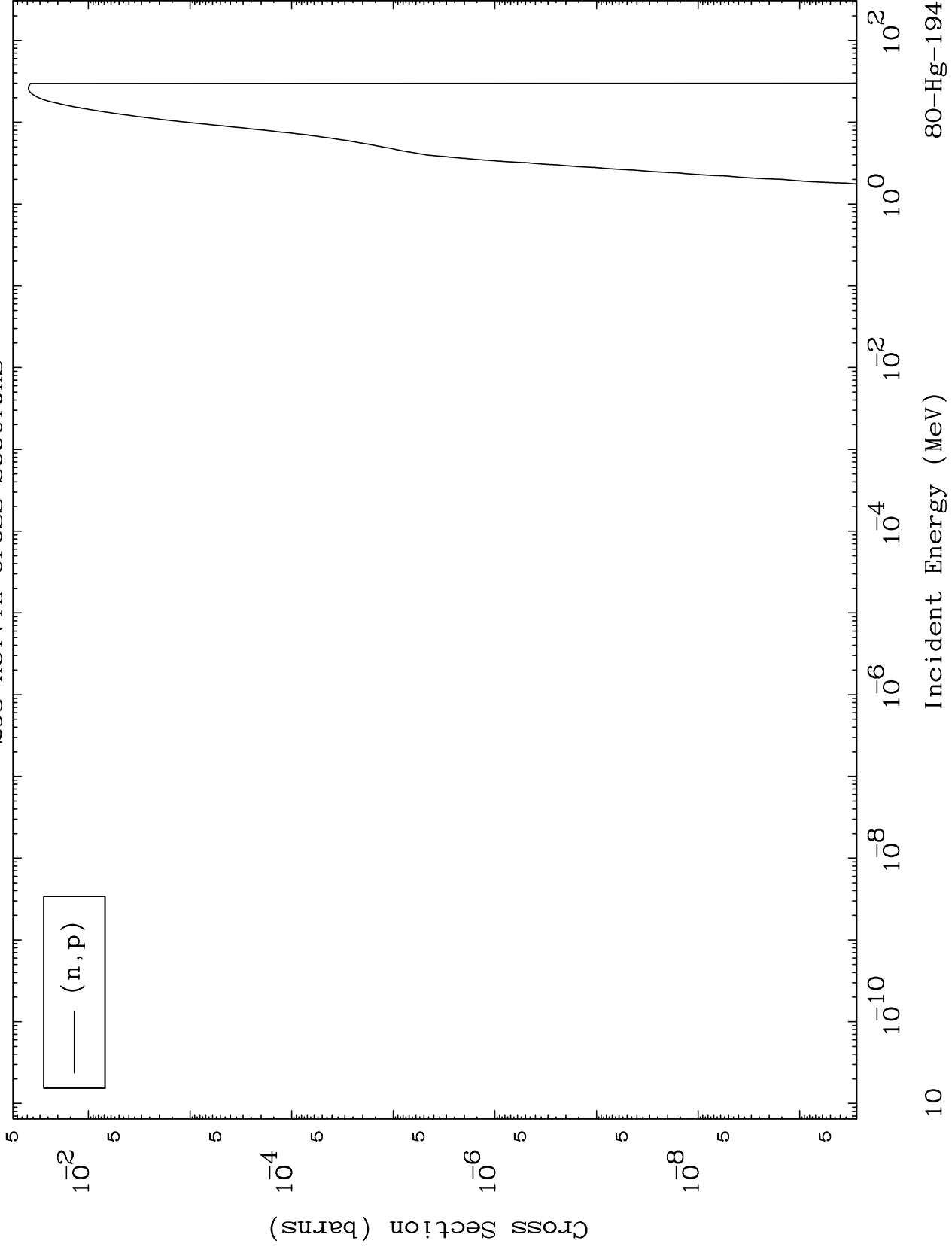
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-194



10

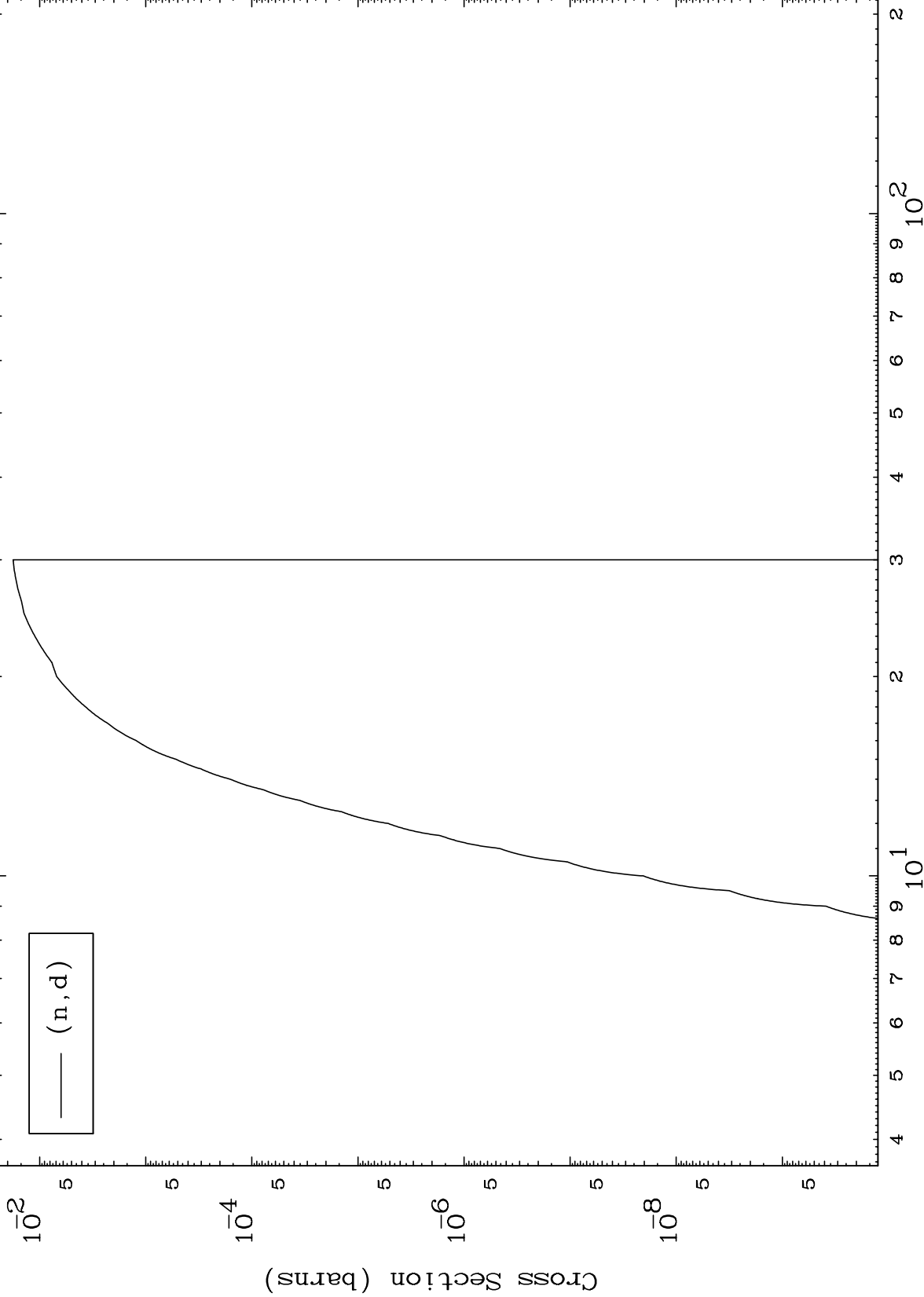
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,d) Levels
293 Kelvin Cross Sections

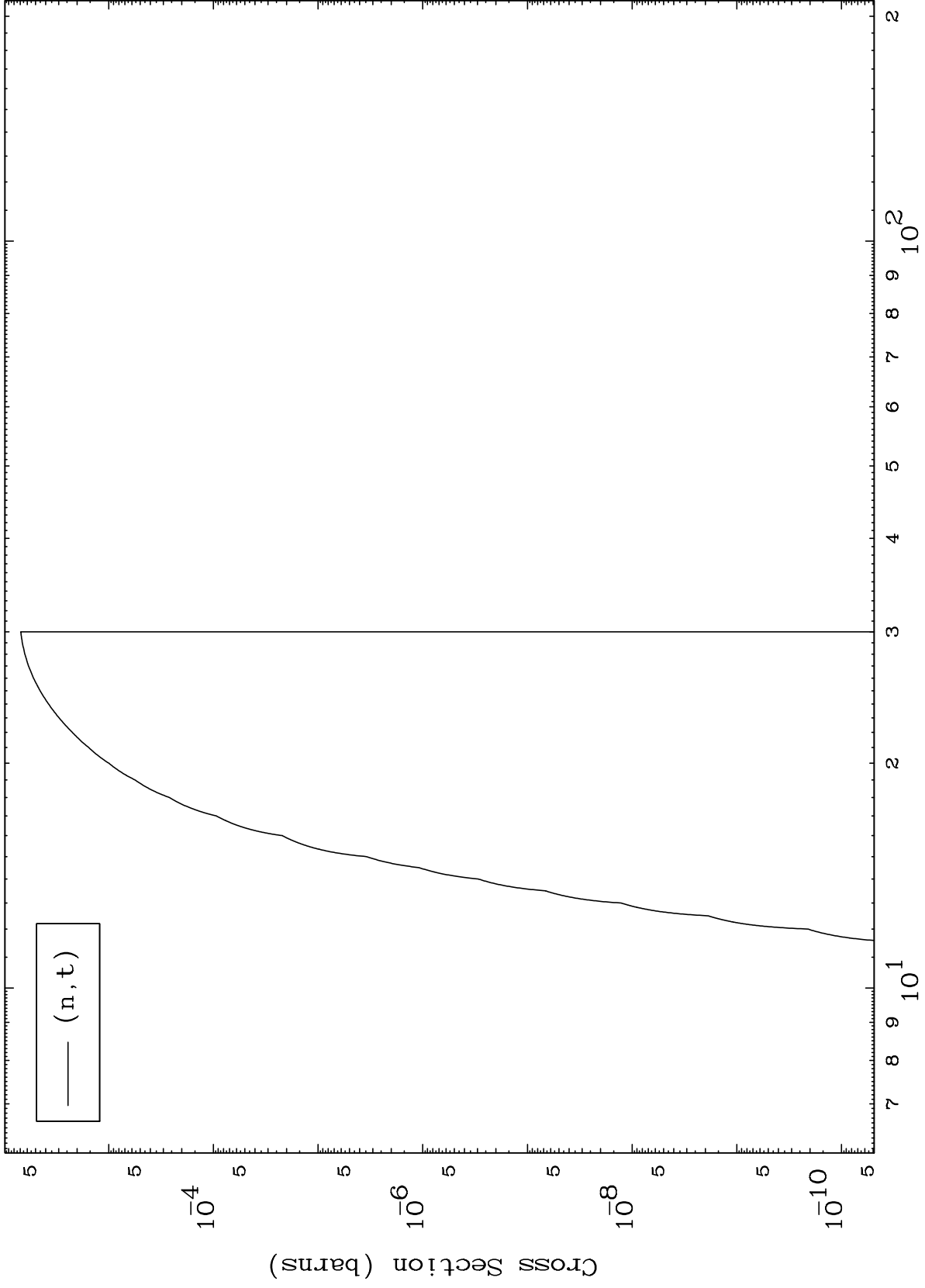
80-Hg-194



MAT 8019

(n, t) Levels
293 Kelvin Cross Sections

80-Hg-194



12

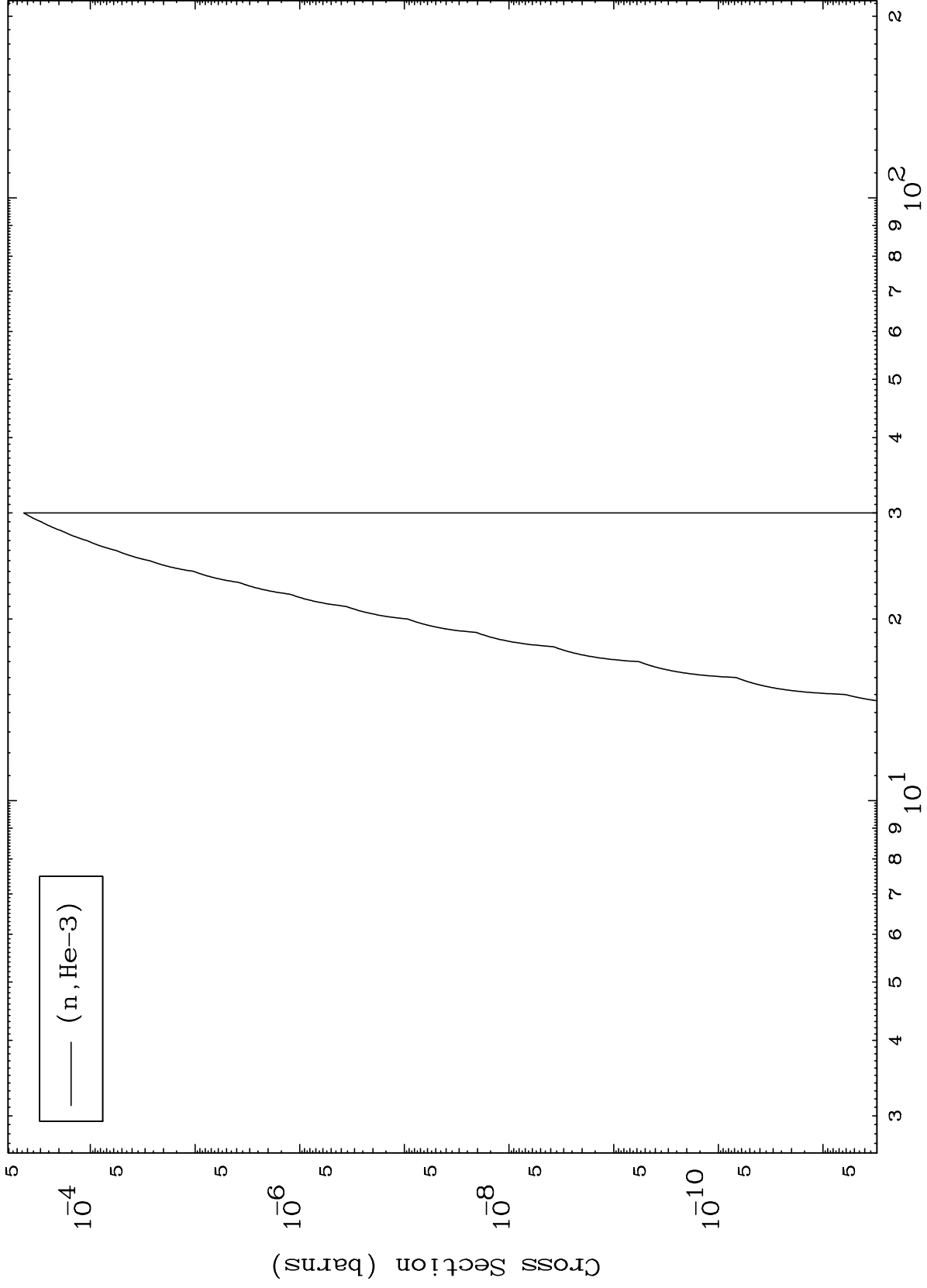
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-194



13

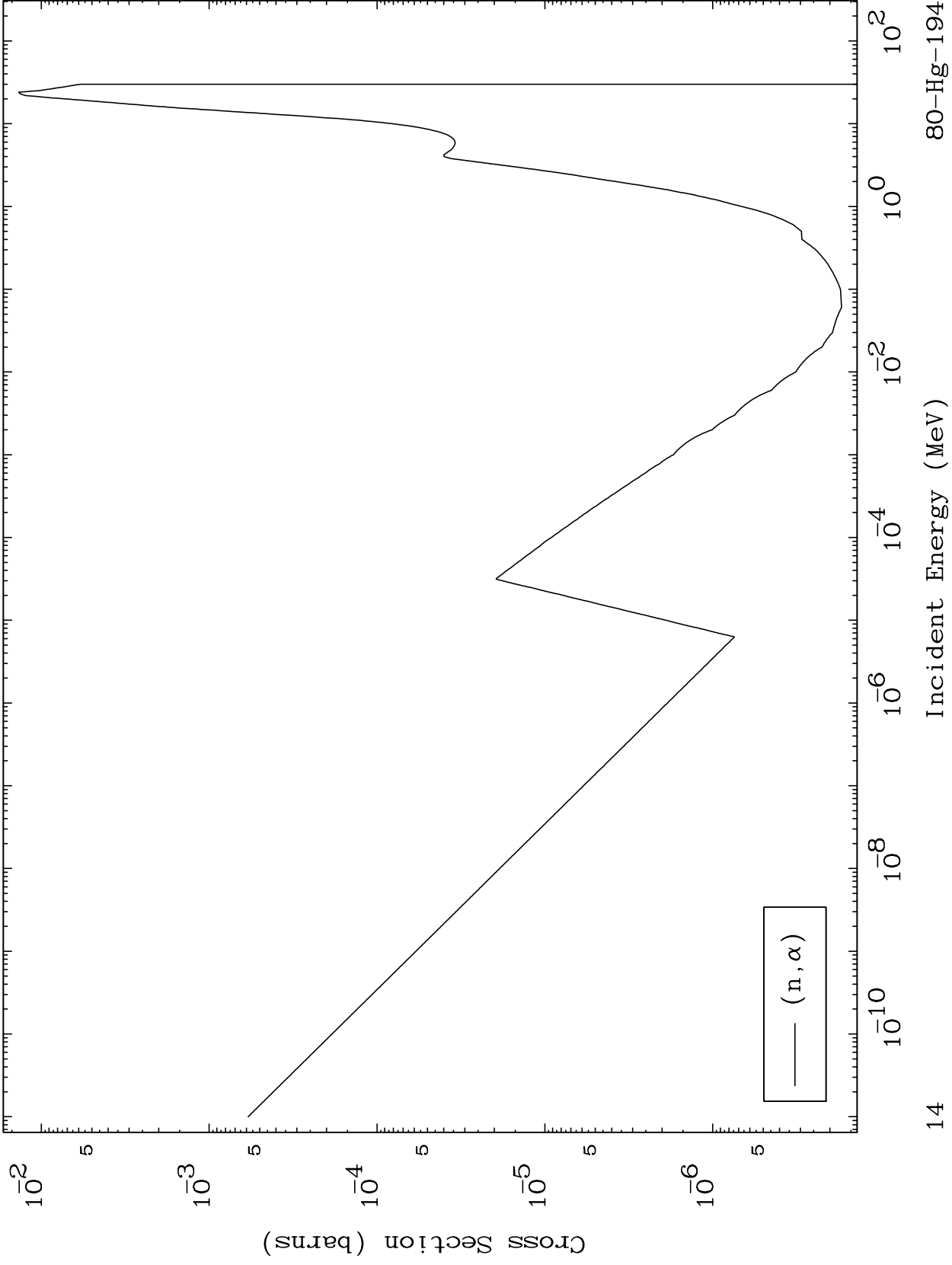
Incident Energy (MeV)

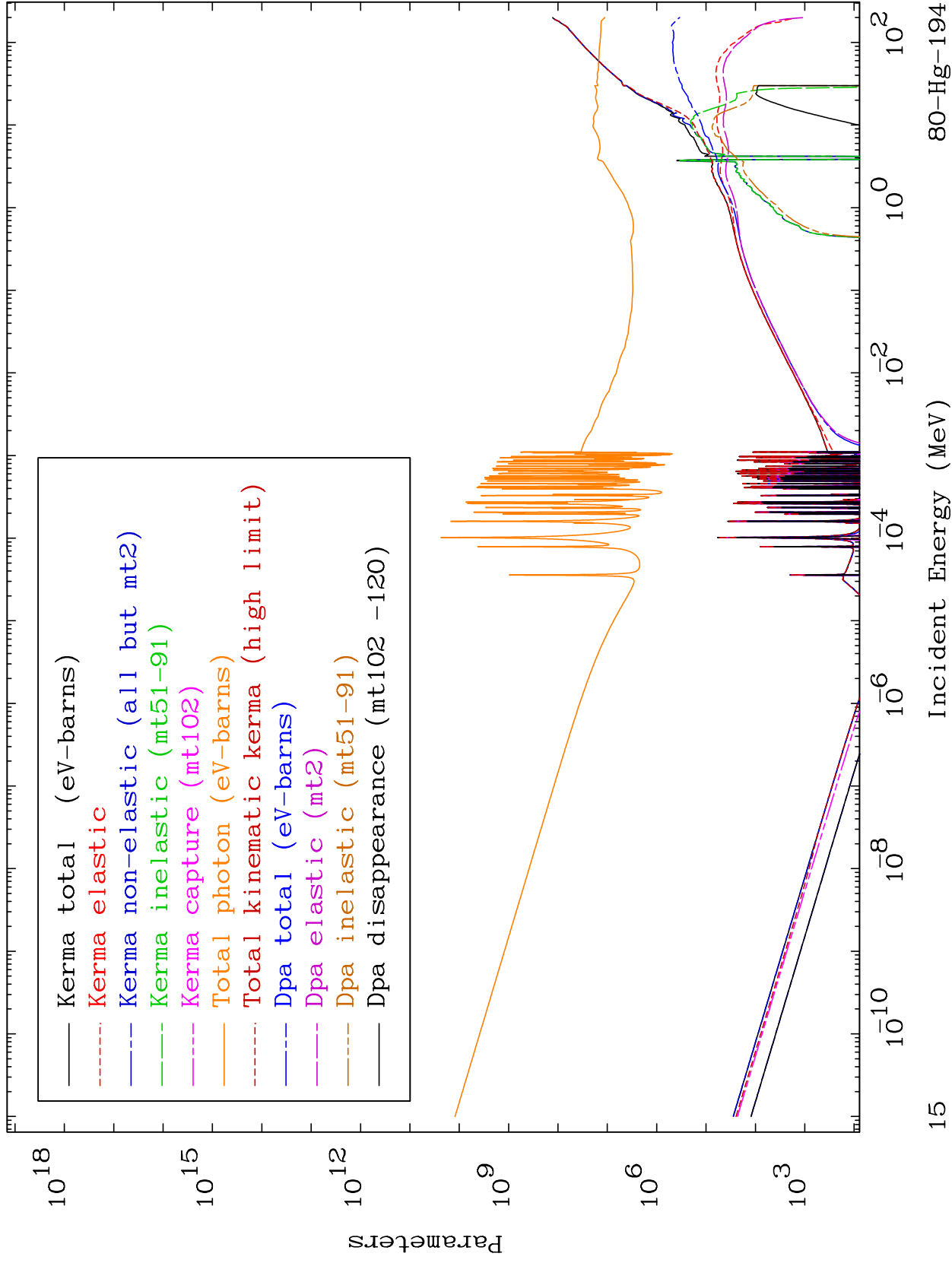
80-Hg-194

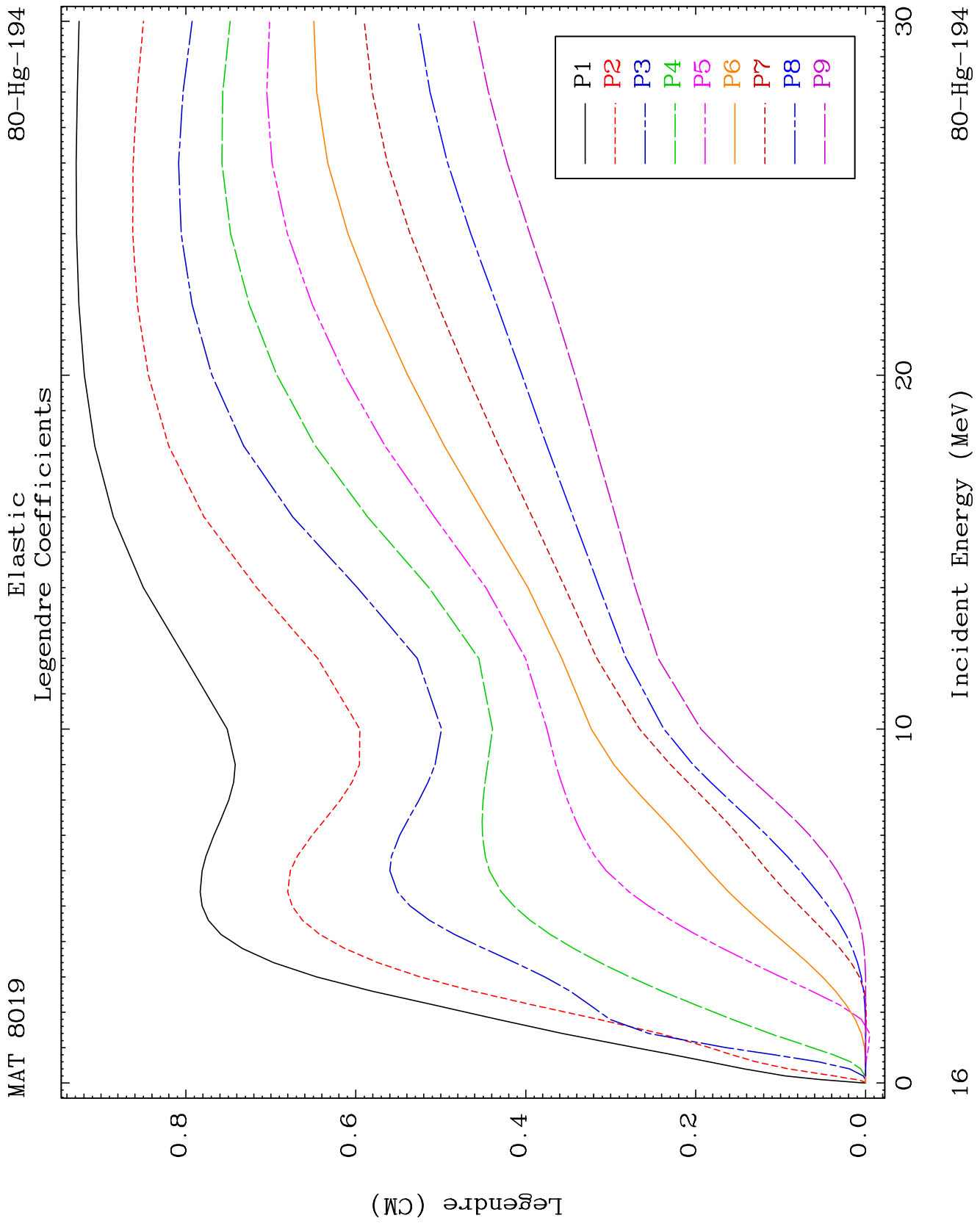
MAT 8019

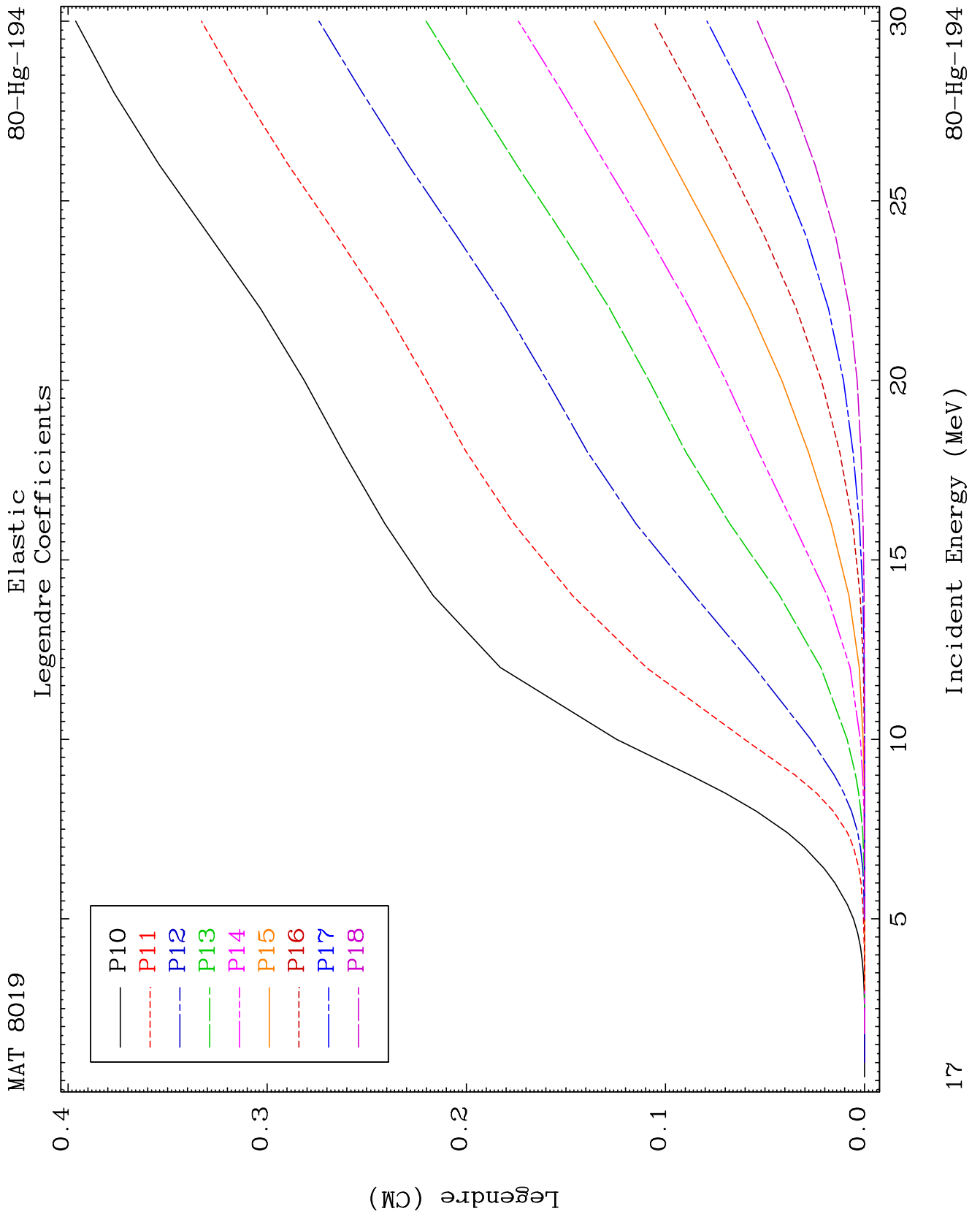
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-194





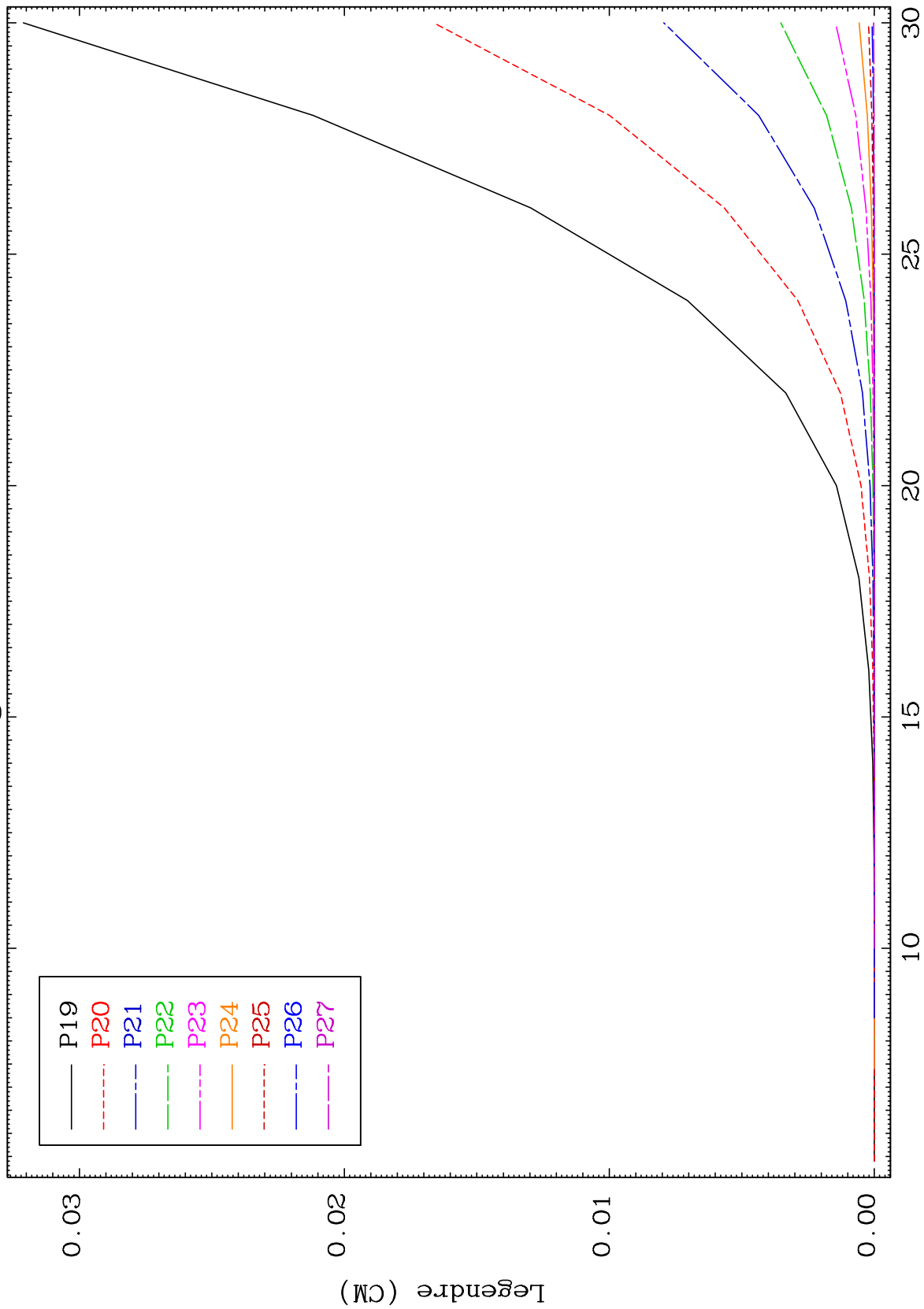




MAT 8019

Elastic Legendre Coefficients

80-Hg-194



18

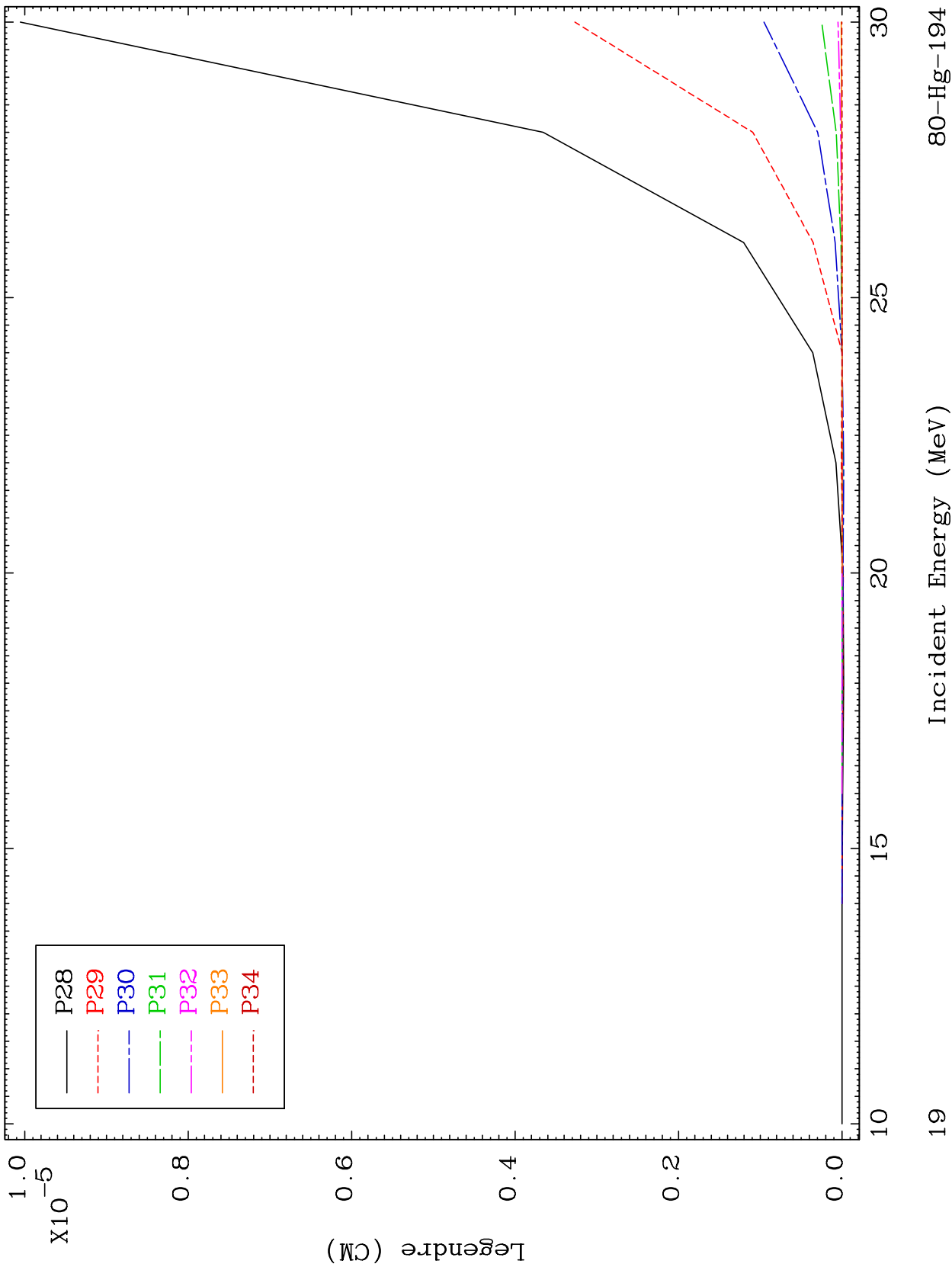
Incident Energy (MeV)

80-Hg-194

MAT 8019

Elastic
Legendre Coefficients

80-Hg-194



19

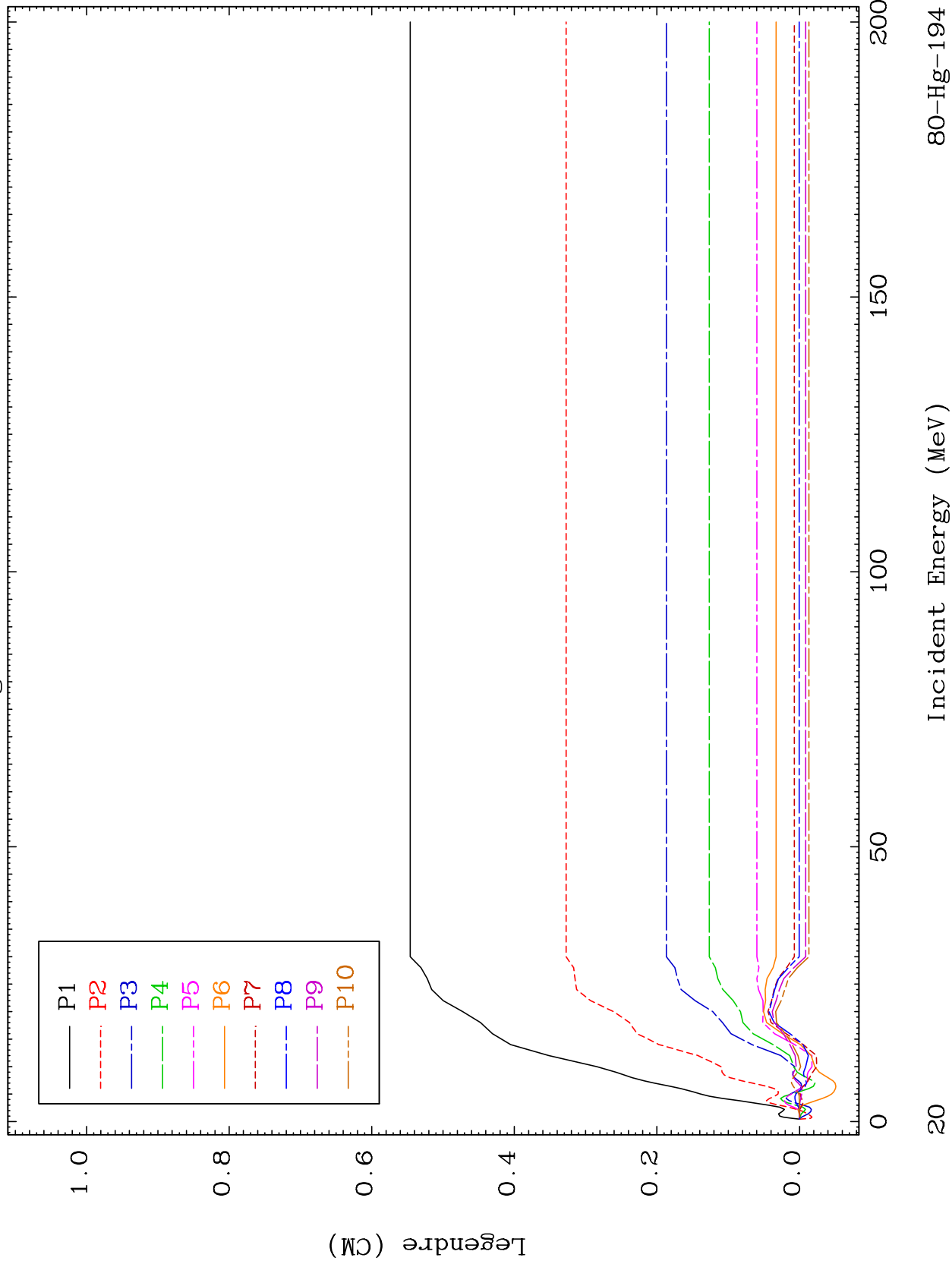
Incident Energy (MeV)

80-Hg-194

MAT 8019

427.9 keV (n, n') Level
Legendre Coefficients

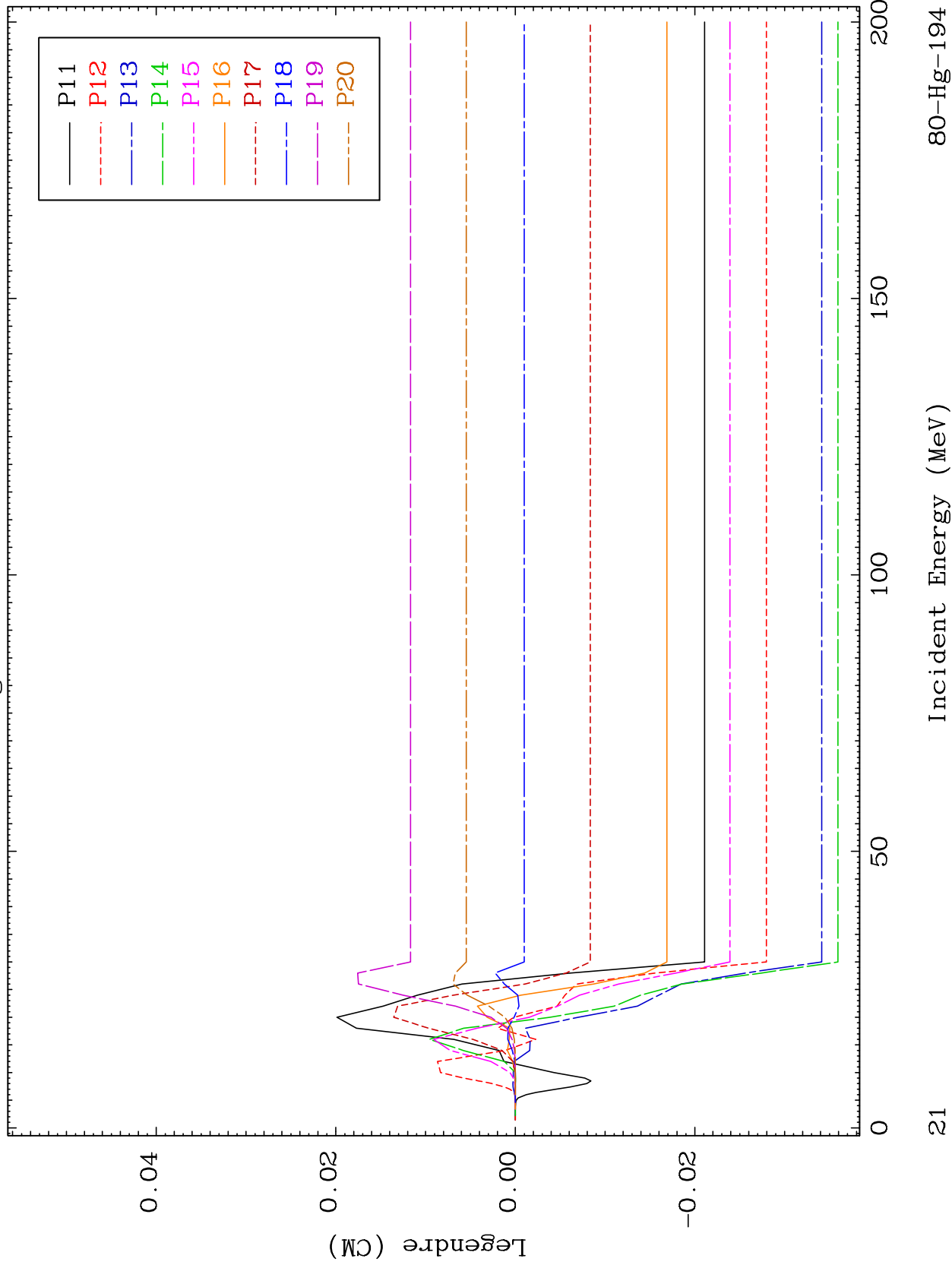
80-Hg-194



MAT 8019

427.9 keV (n, n') Level
Legendre Coefficients

80-Hg-194



21

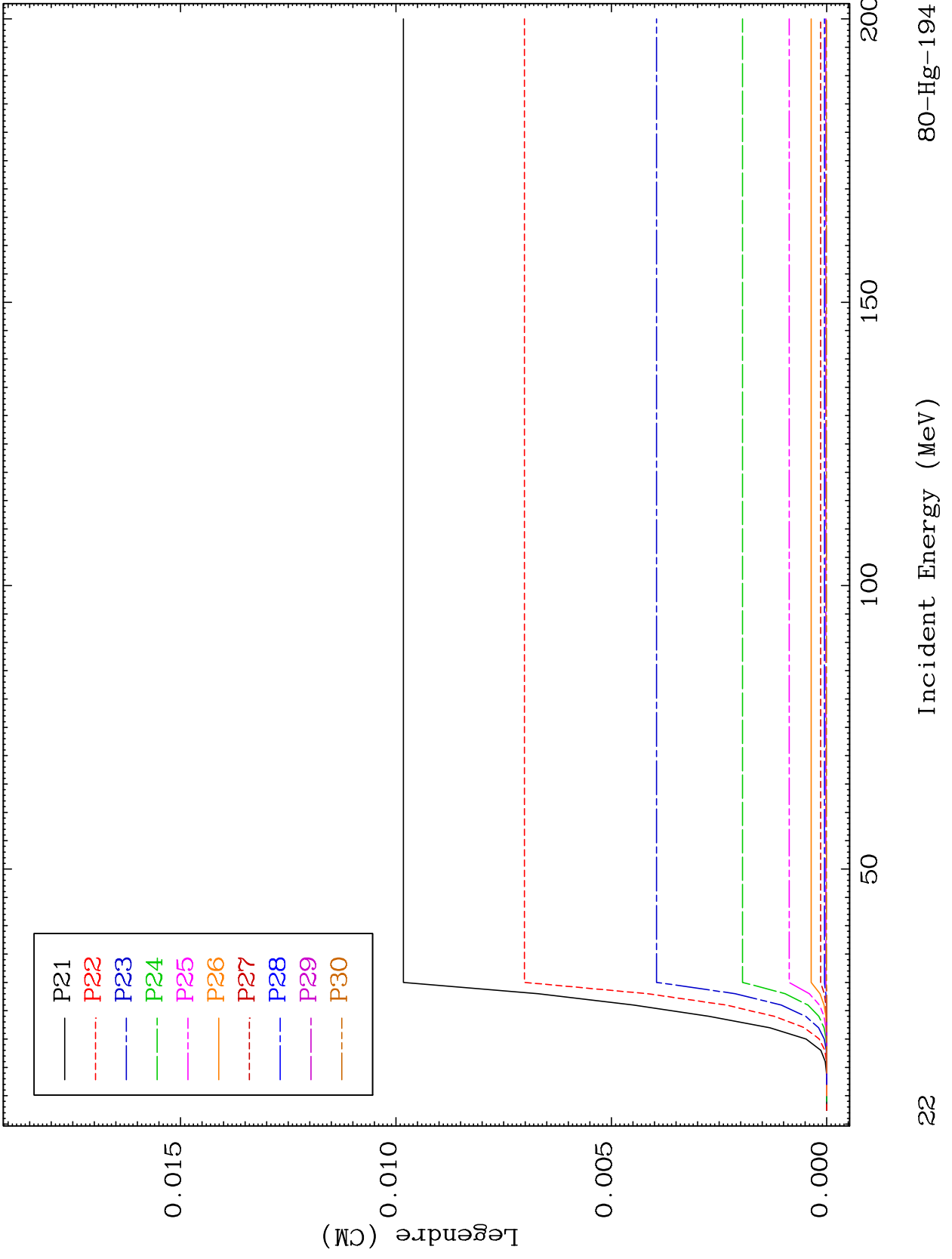
Incident Energy (MeV)

80-Hg-194

MAT 8019

427.9 keV (n,n') Level
Legendre Coefficients

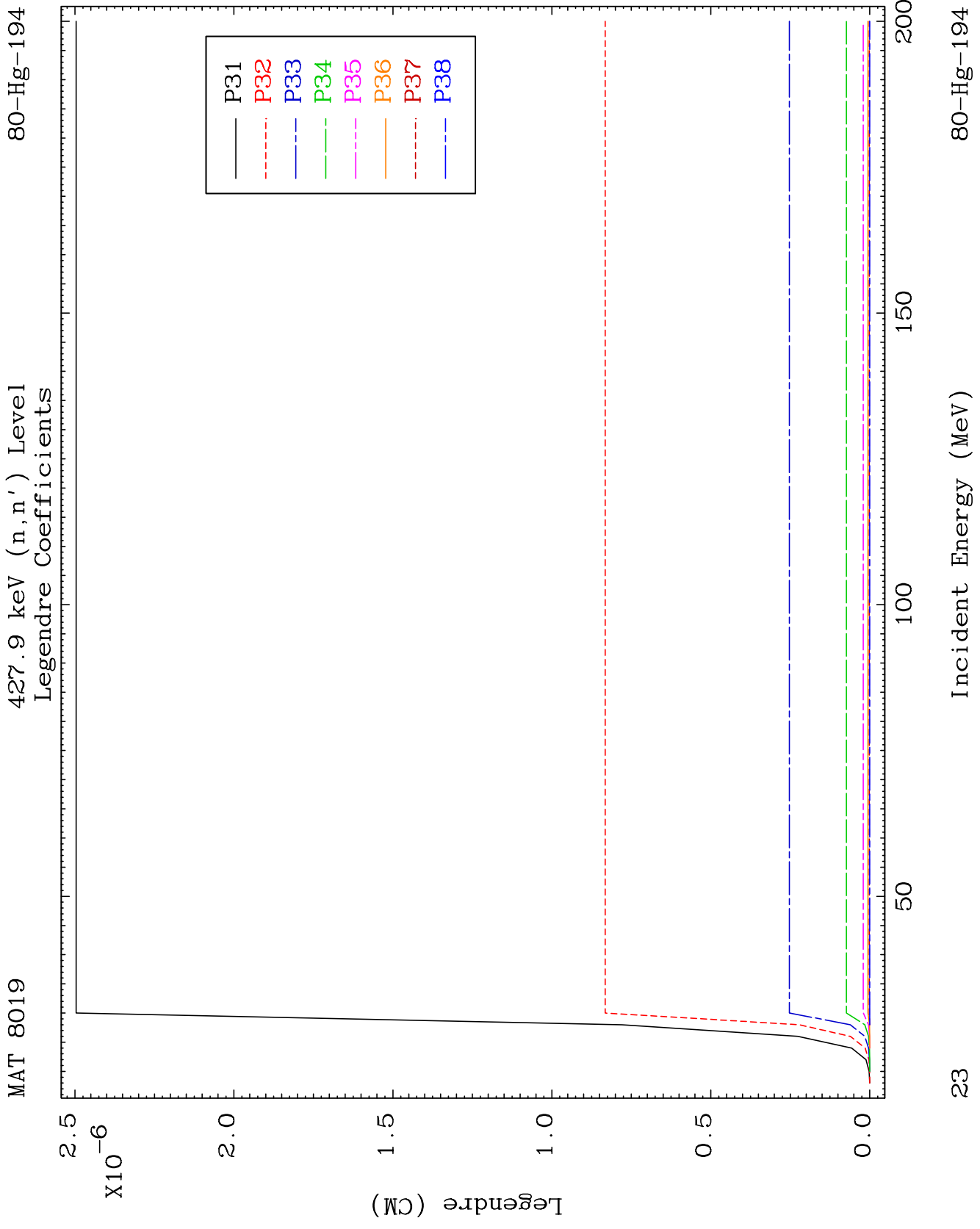
80-Hg-194

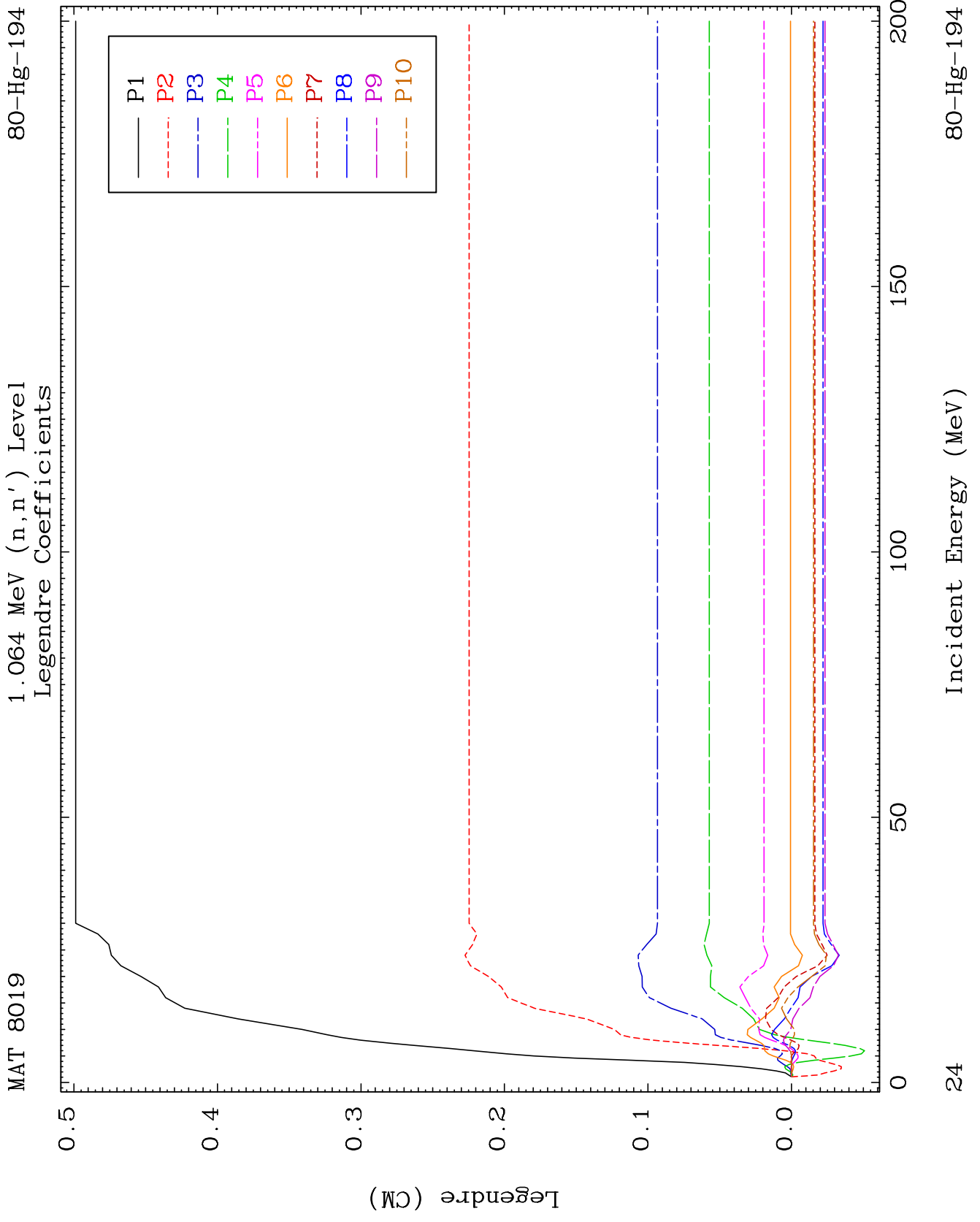


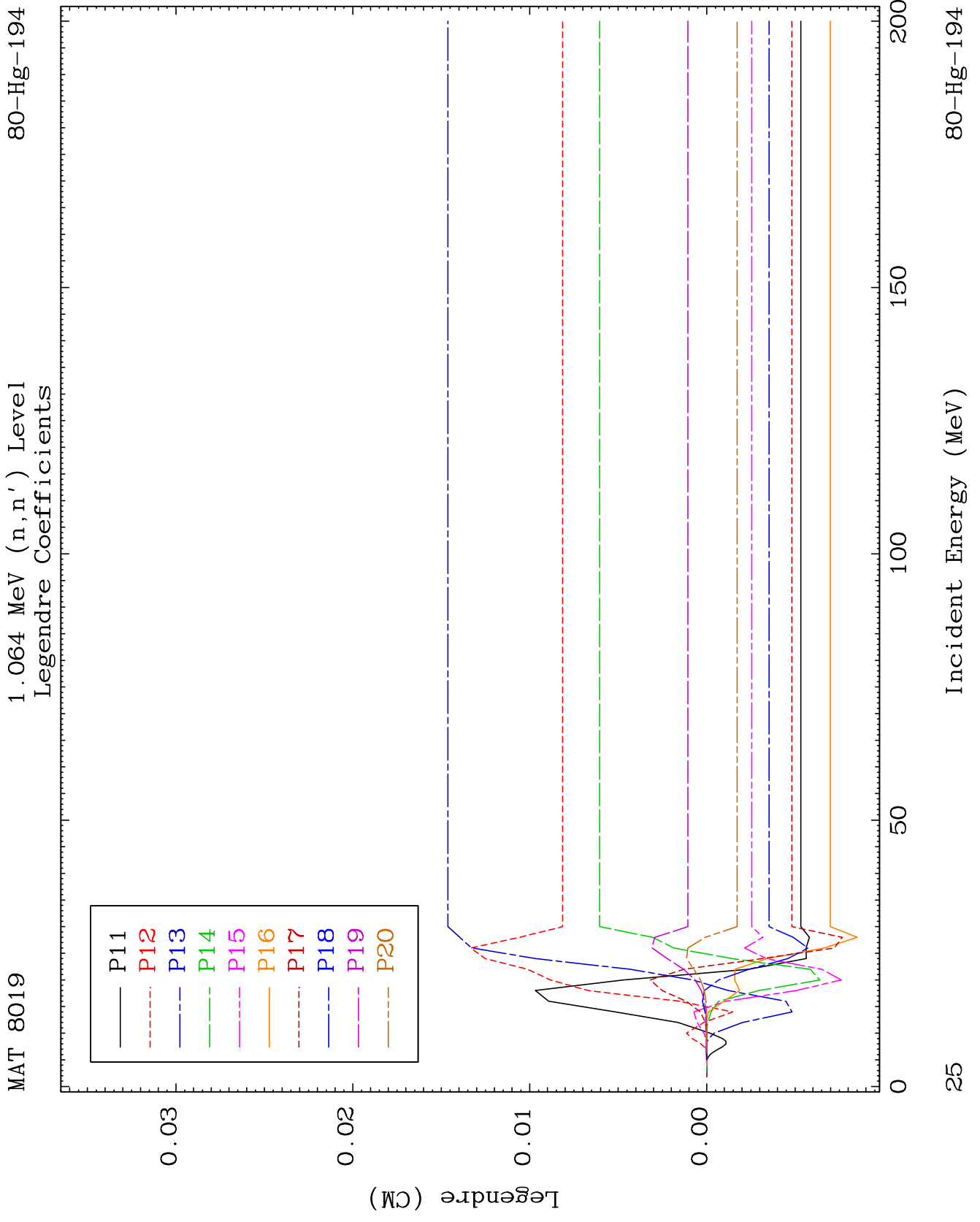
22

Incident Energy (MeV)

80-Hg-194



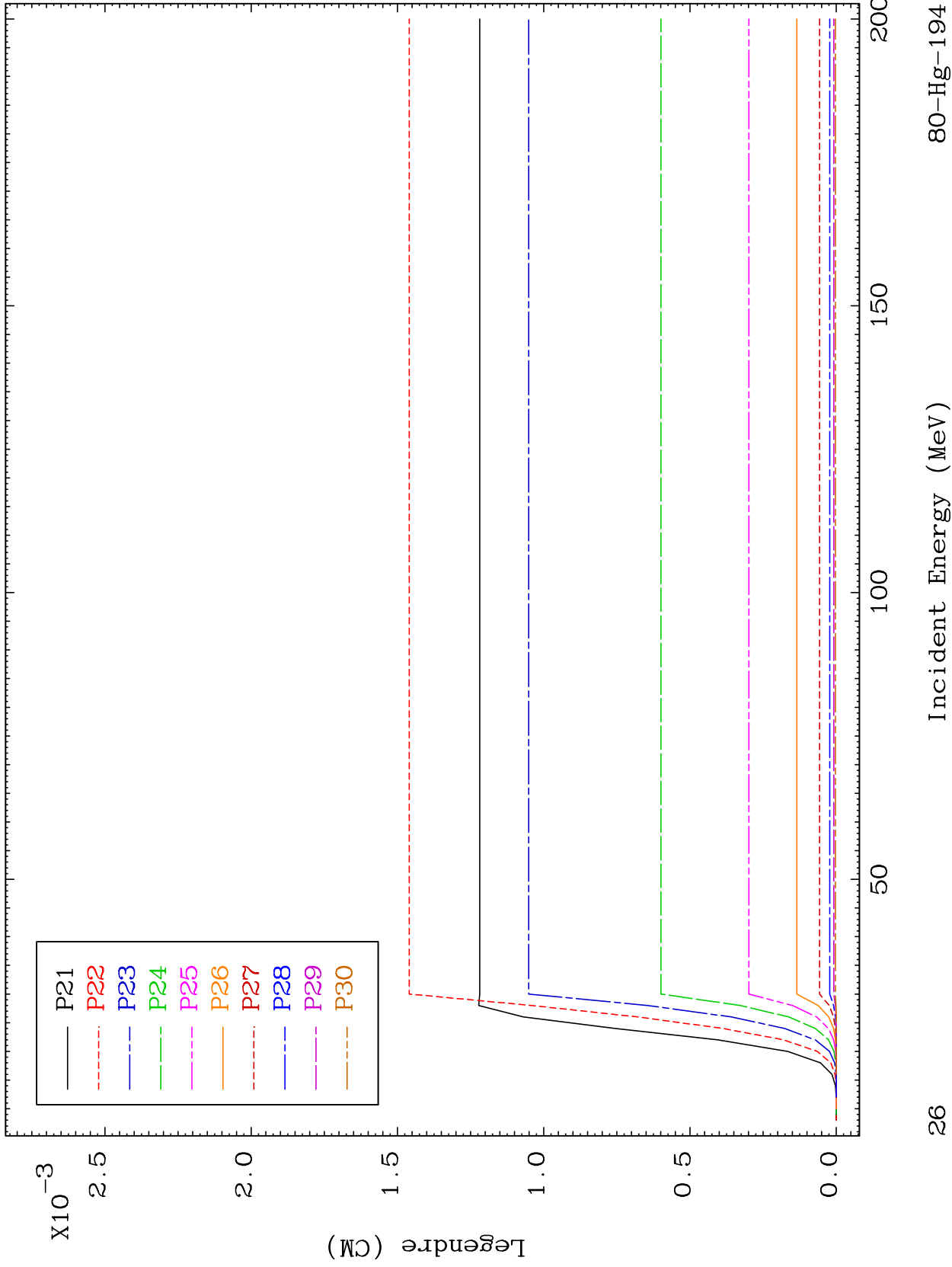




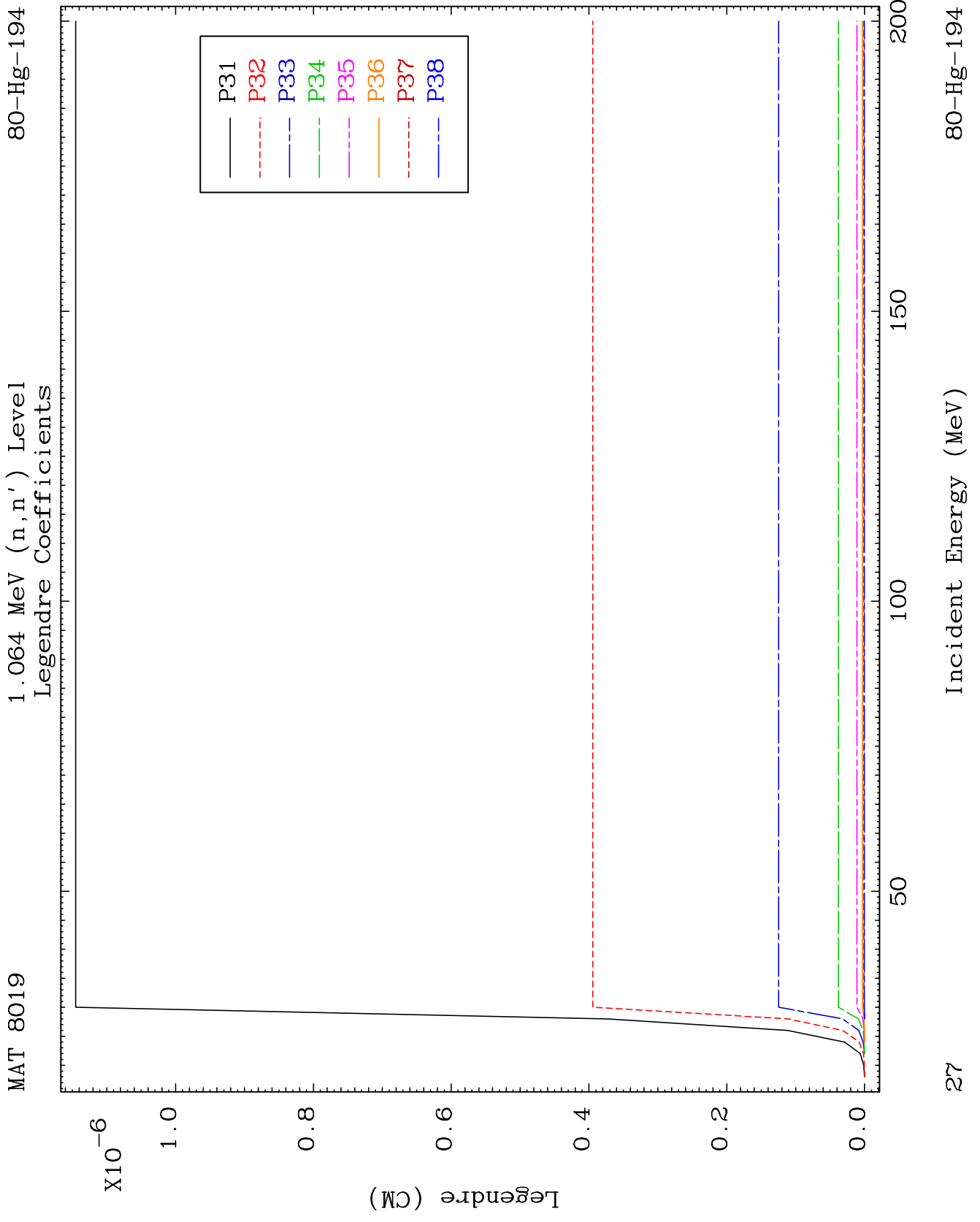
MAT 8019

1.064 MeV (n,n') Level
Legendre Coefficients

80-Hg-194



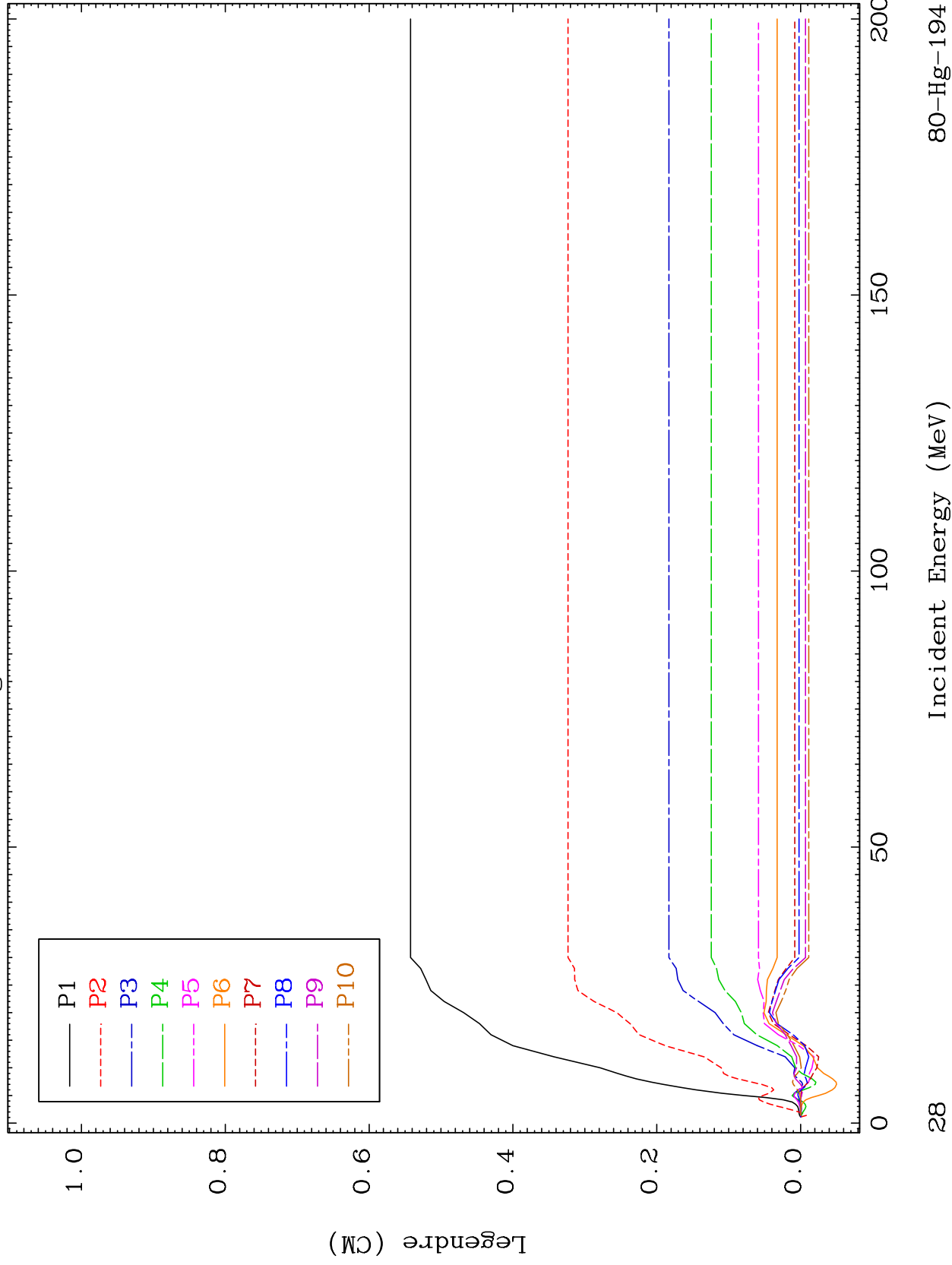
26



MAT 8019

1.073 MeV (n,n') Level
Legendre Coefficients

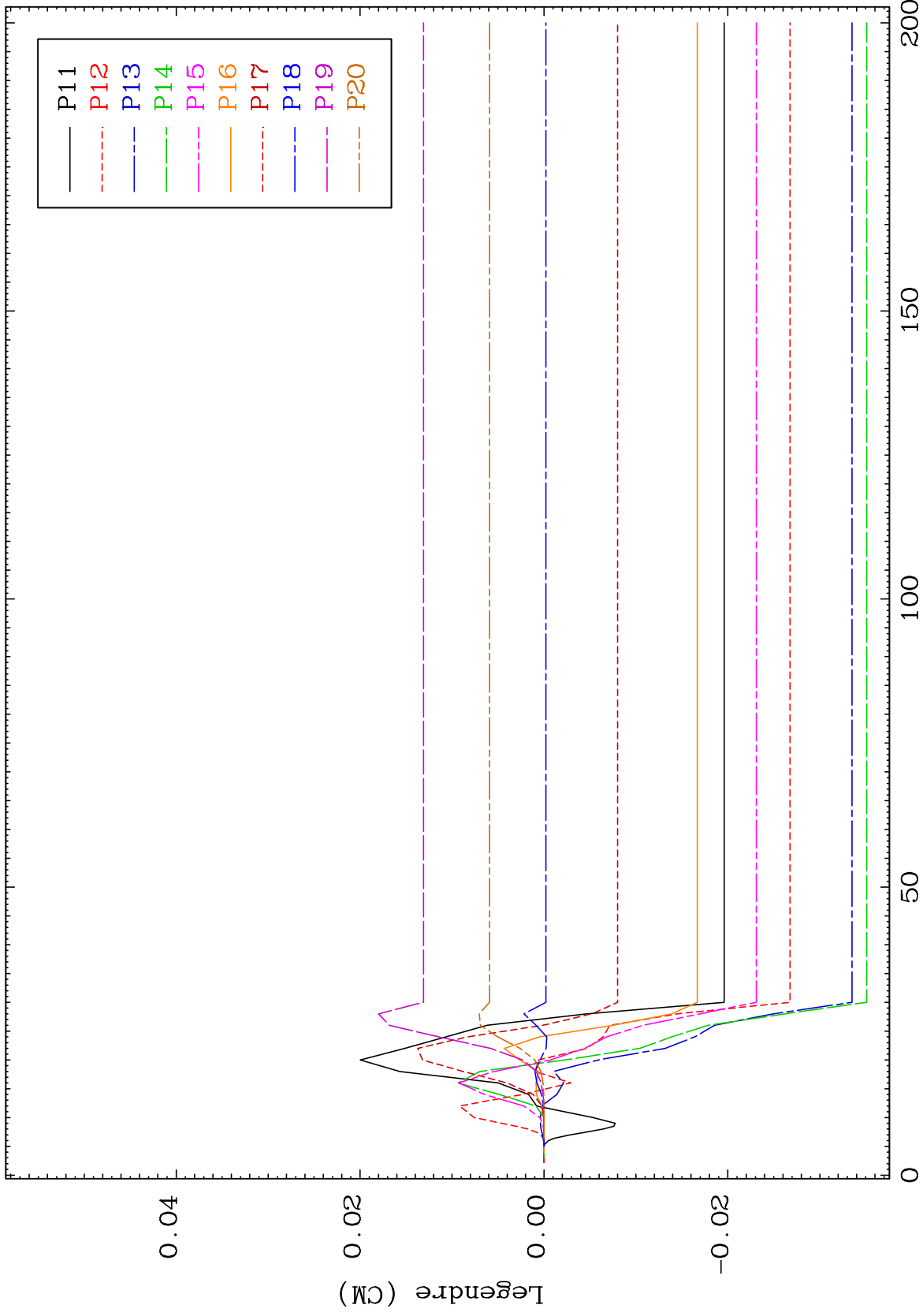
80-Hg-194



28

Incident Energy (MeV)

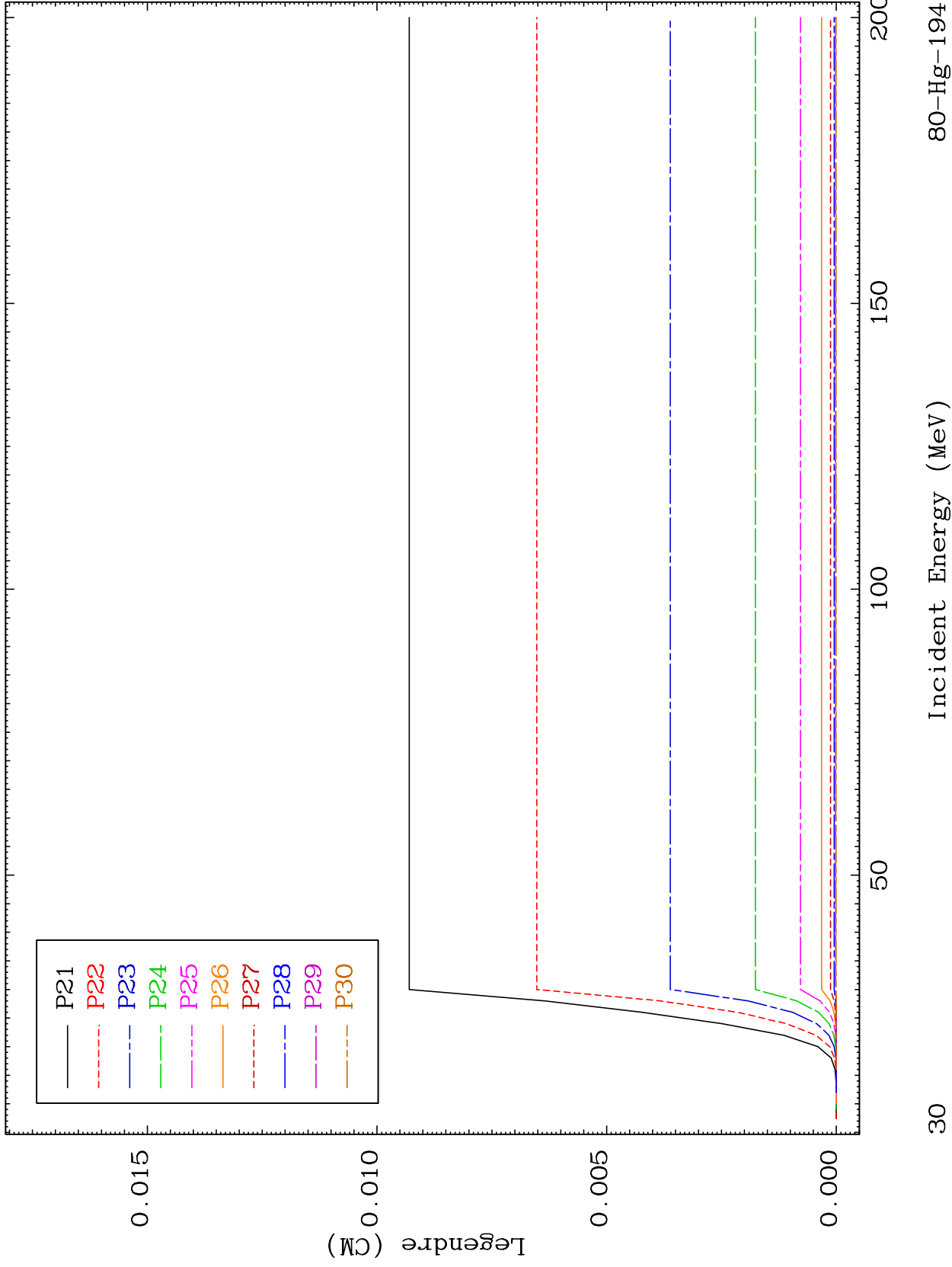
80-Hg-194



MAT 8019

1.073 MeV (n,n') Level
Legendre Coefficients

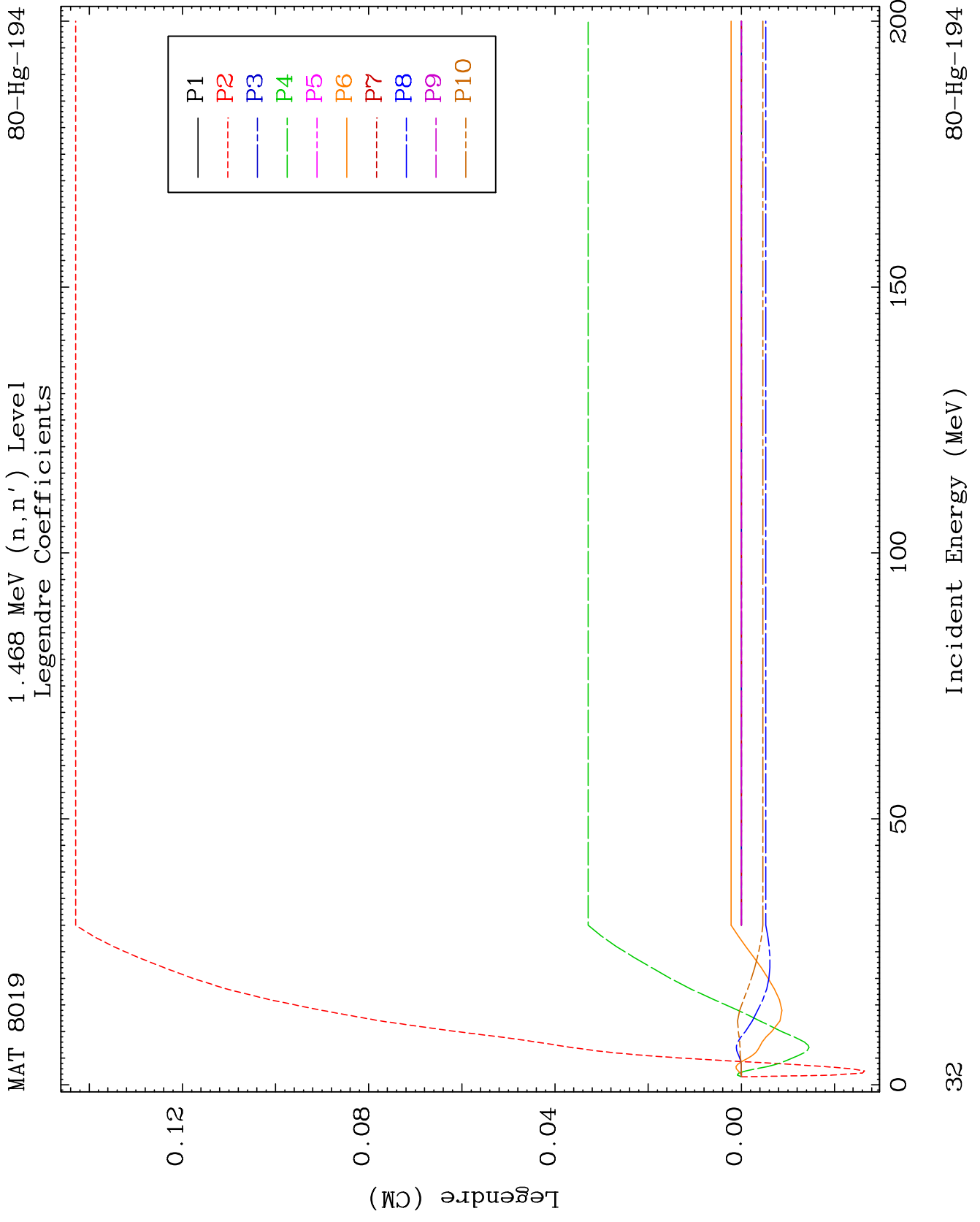
80-Hg-194

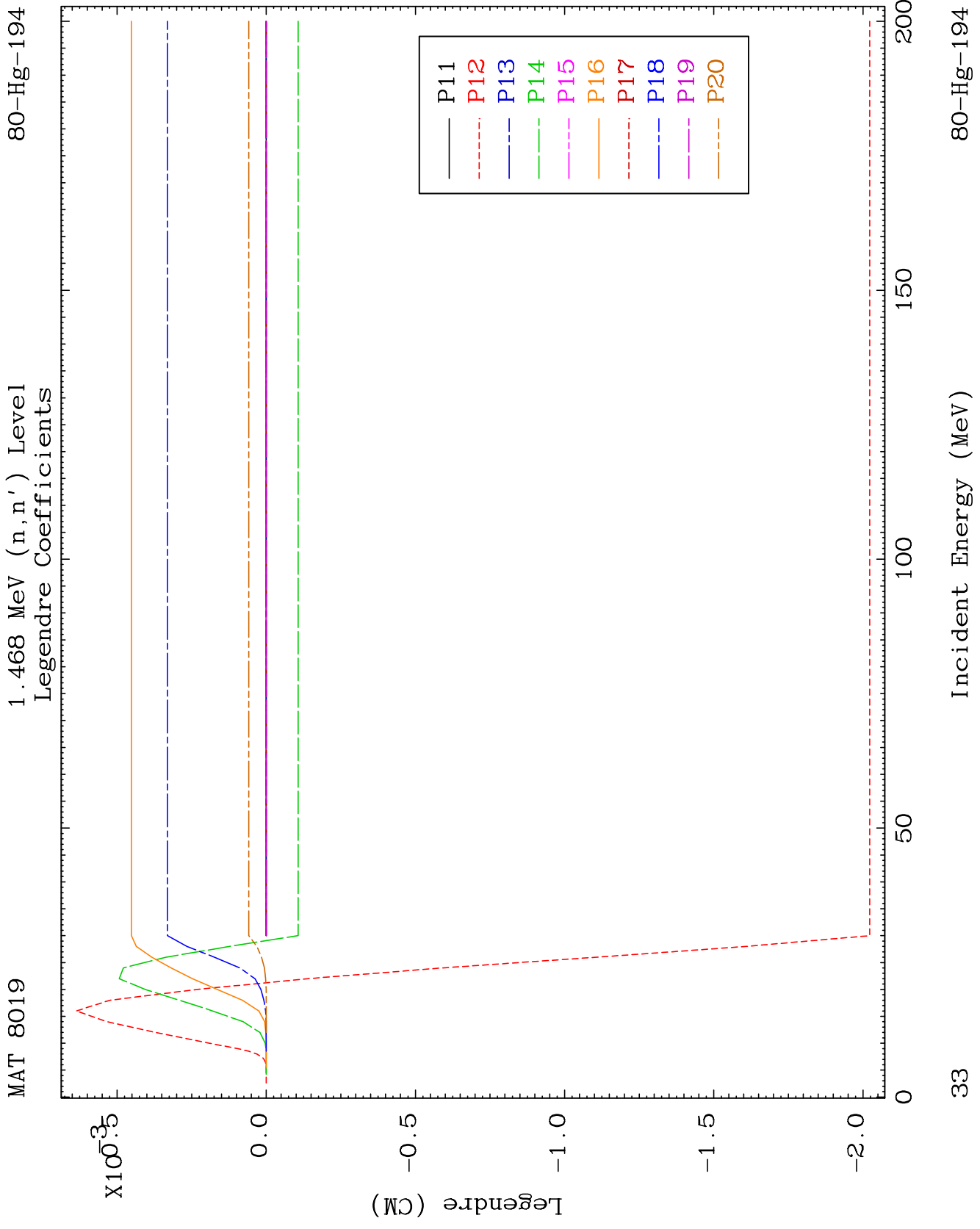


30

Incident Energy (MeV)

80-Hg-194

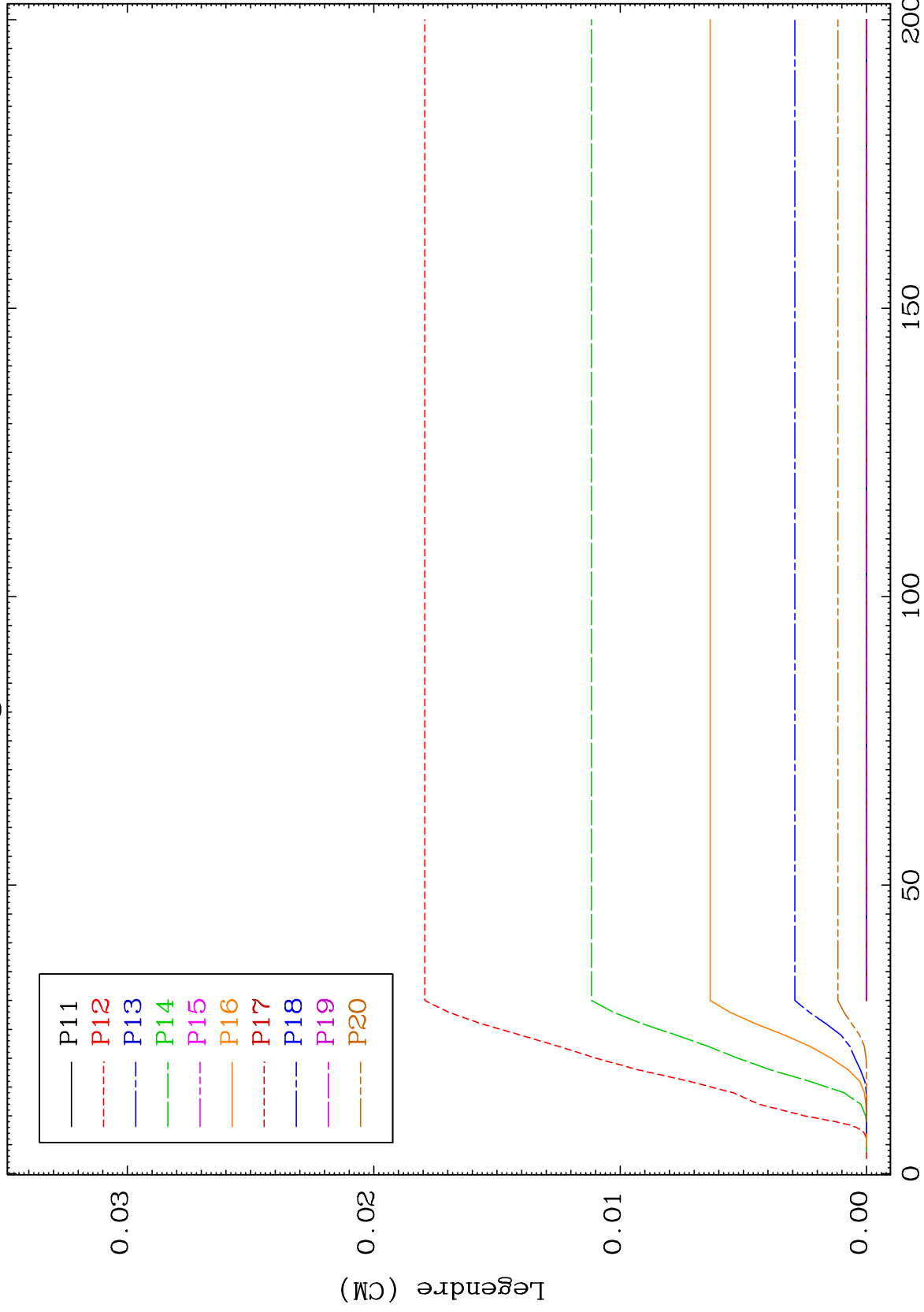




MAT 8019

1.500 MeV (n,n') Level
Legendre Coefficients

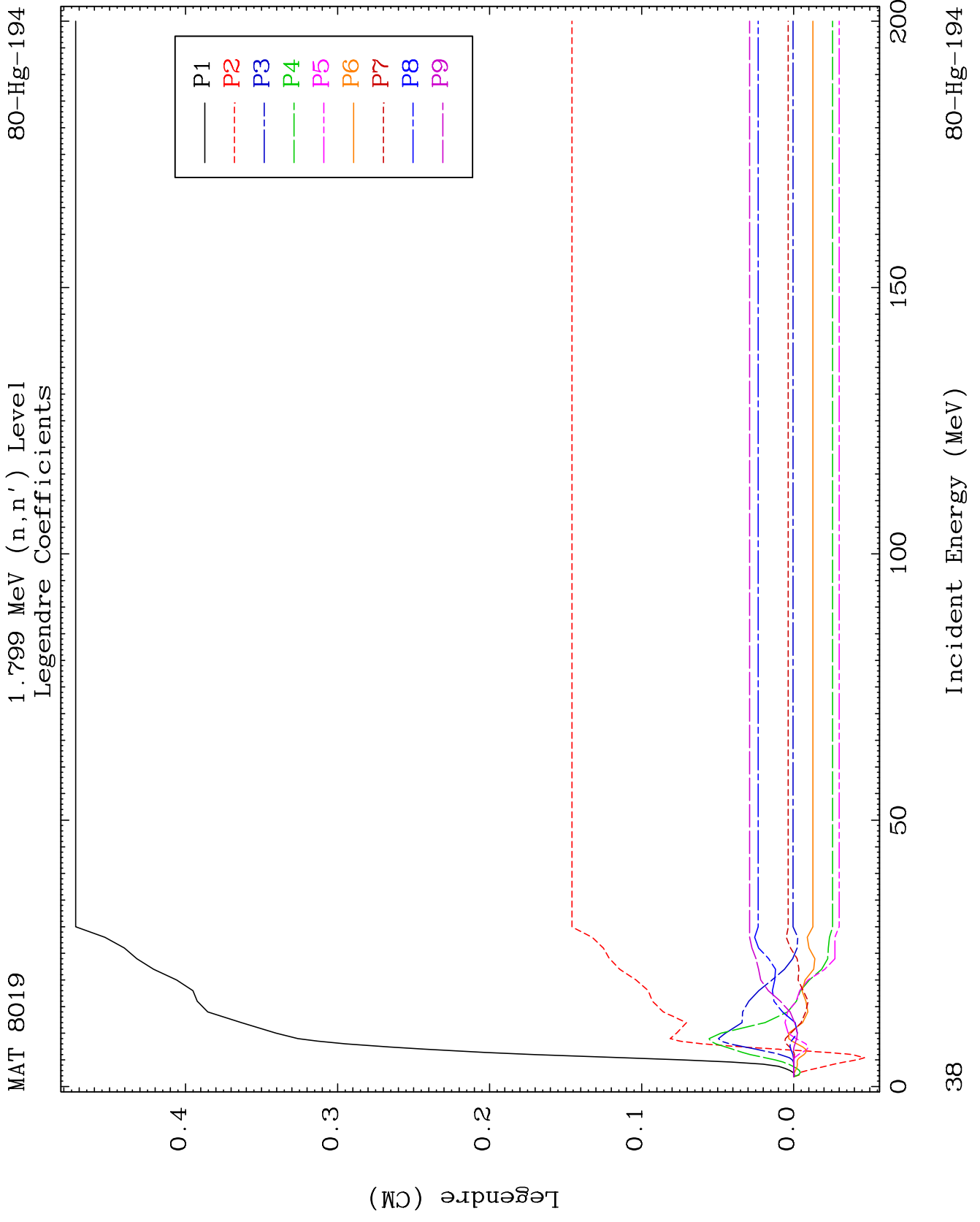
80-Hg-194

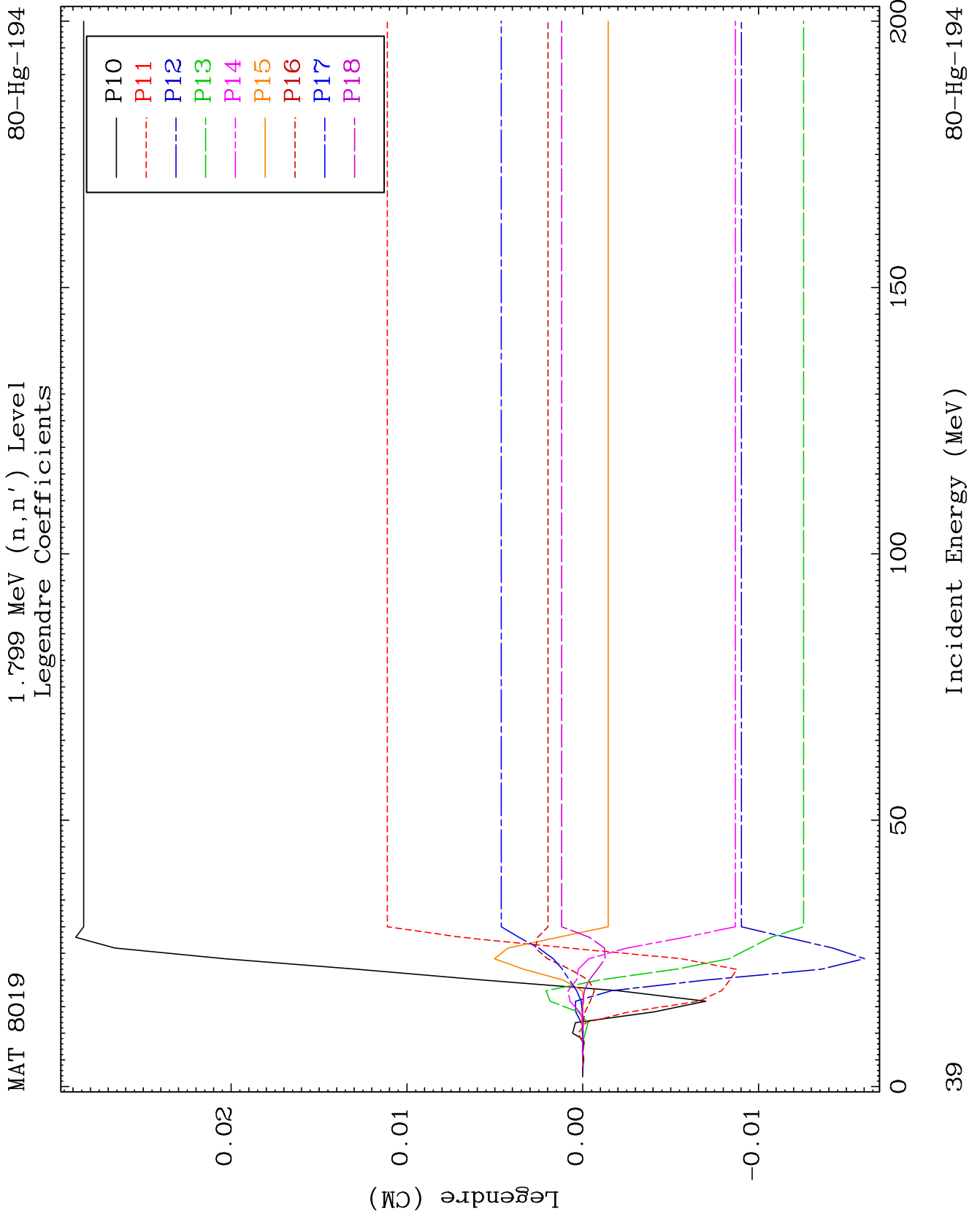


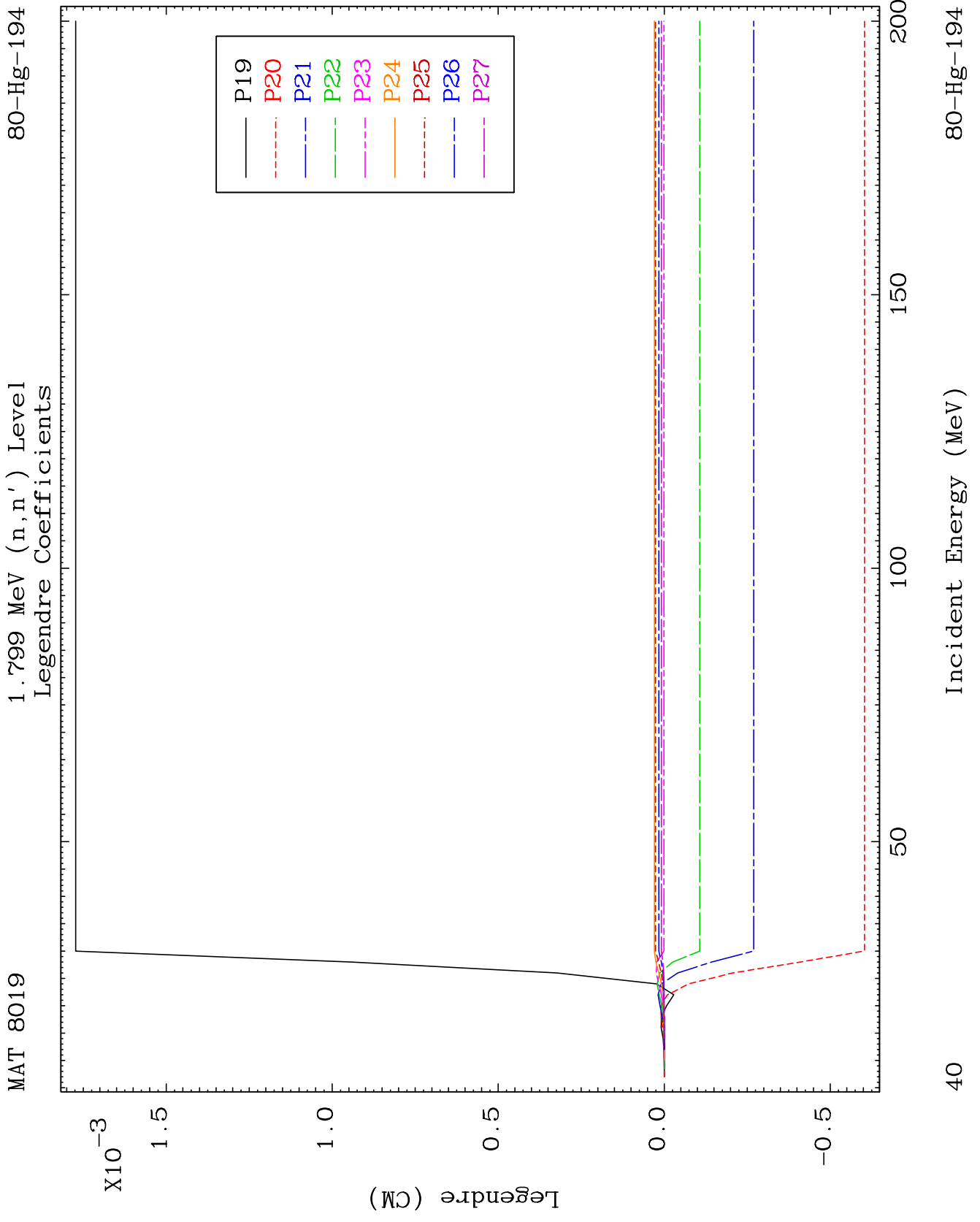
36

Incident Energy (MeV)

80-Hg-194



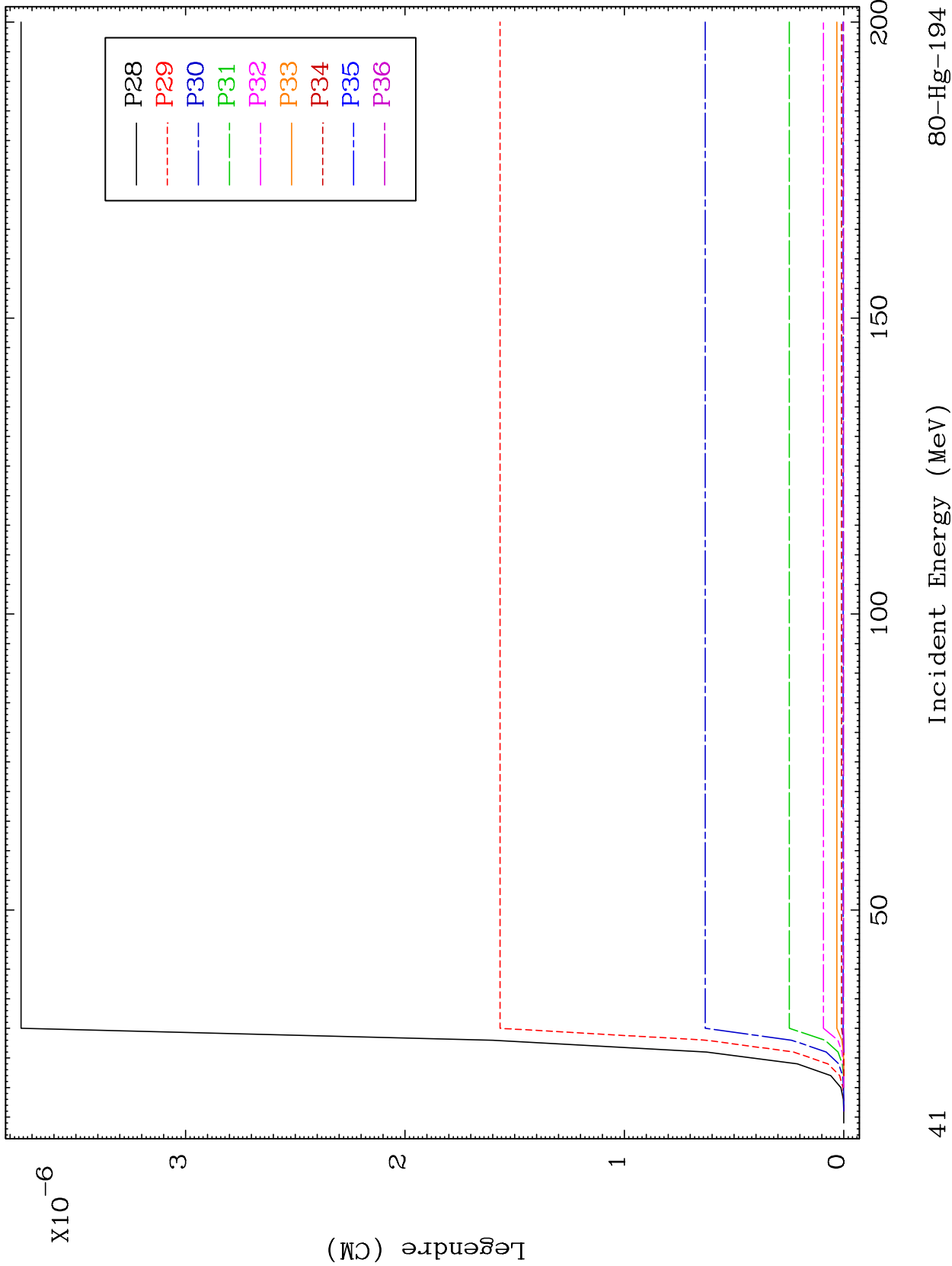




MAT 8019

1.799 MeV (n,n') Level
Legendre Coefficients

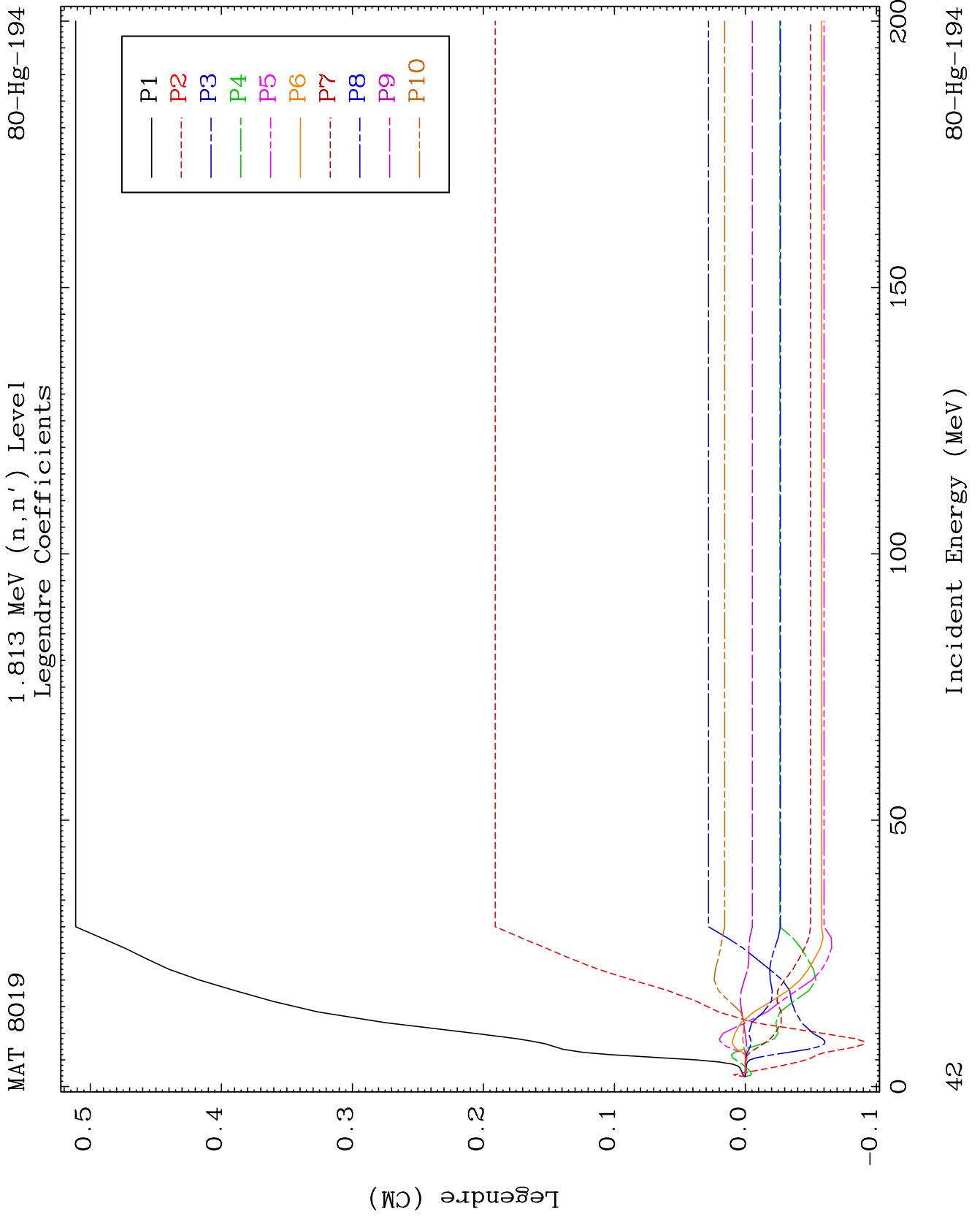
80-Hg-194

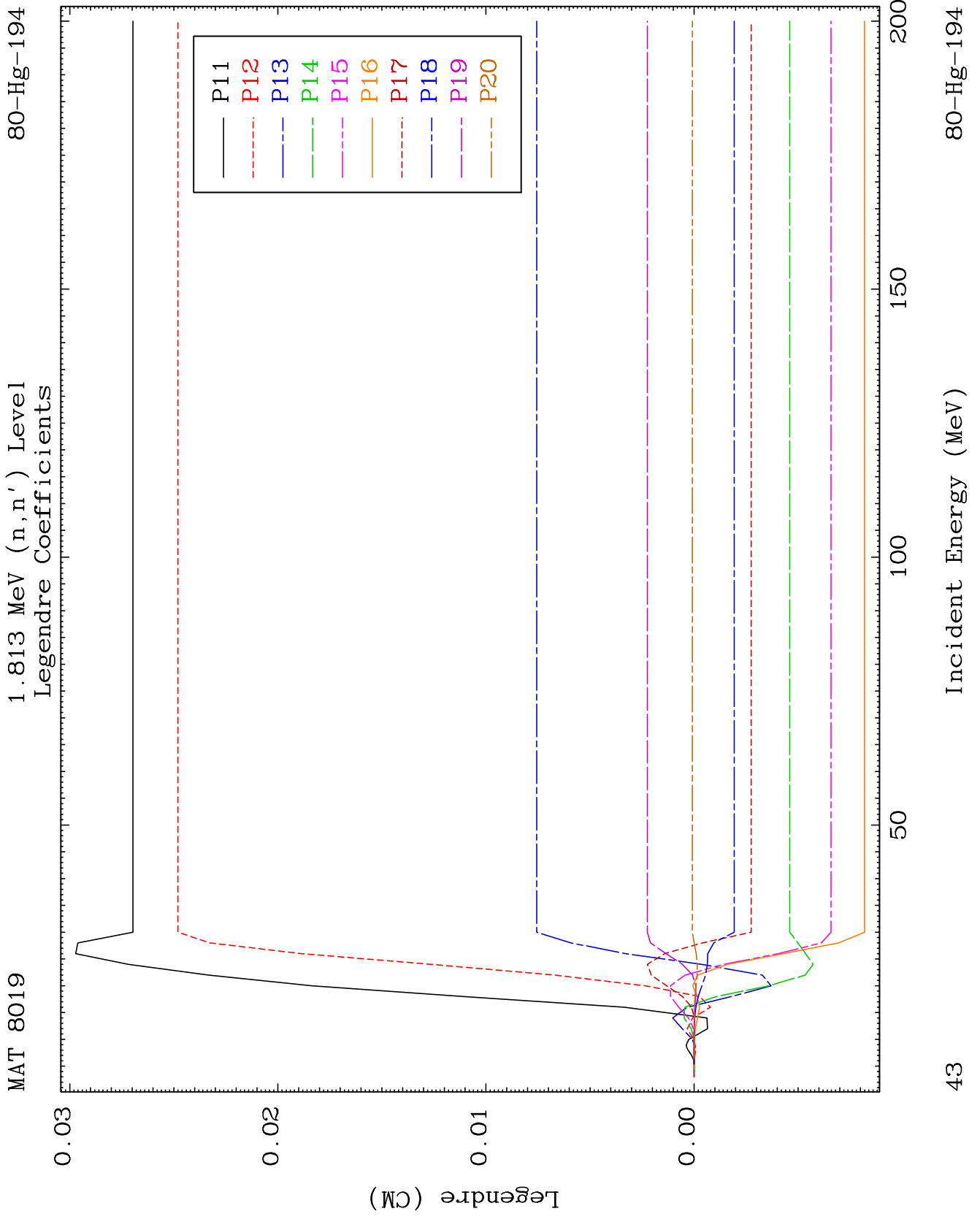


41

Incident Energy (MeV)

80-Hg-194

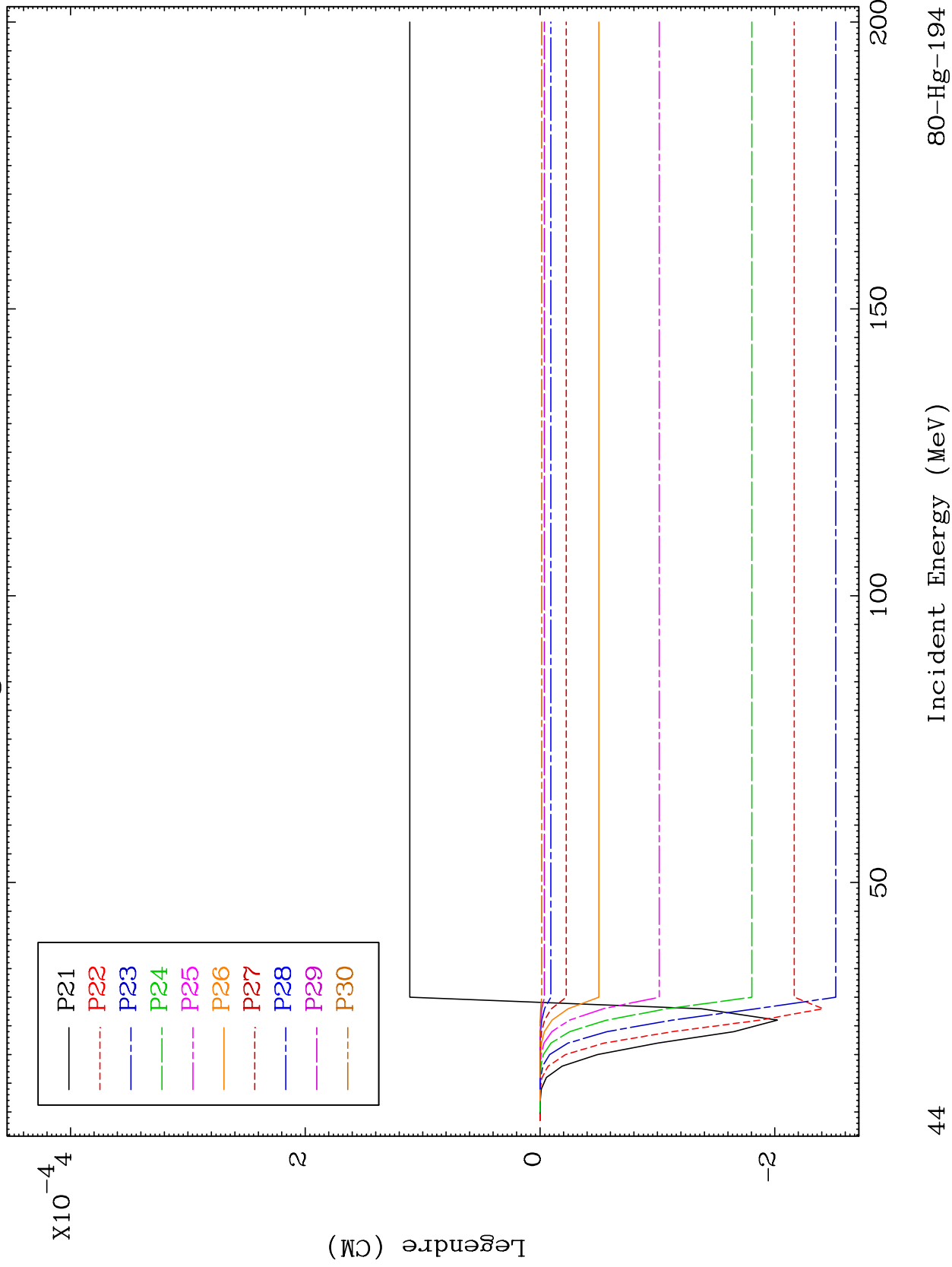


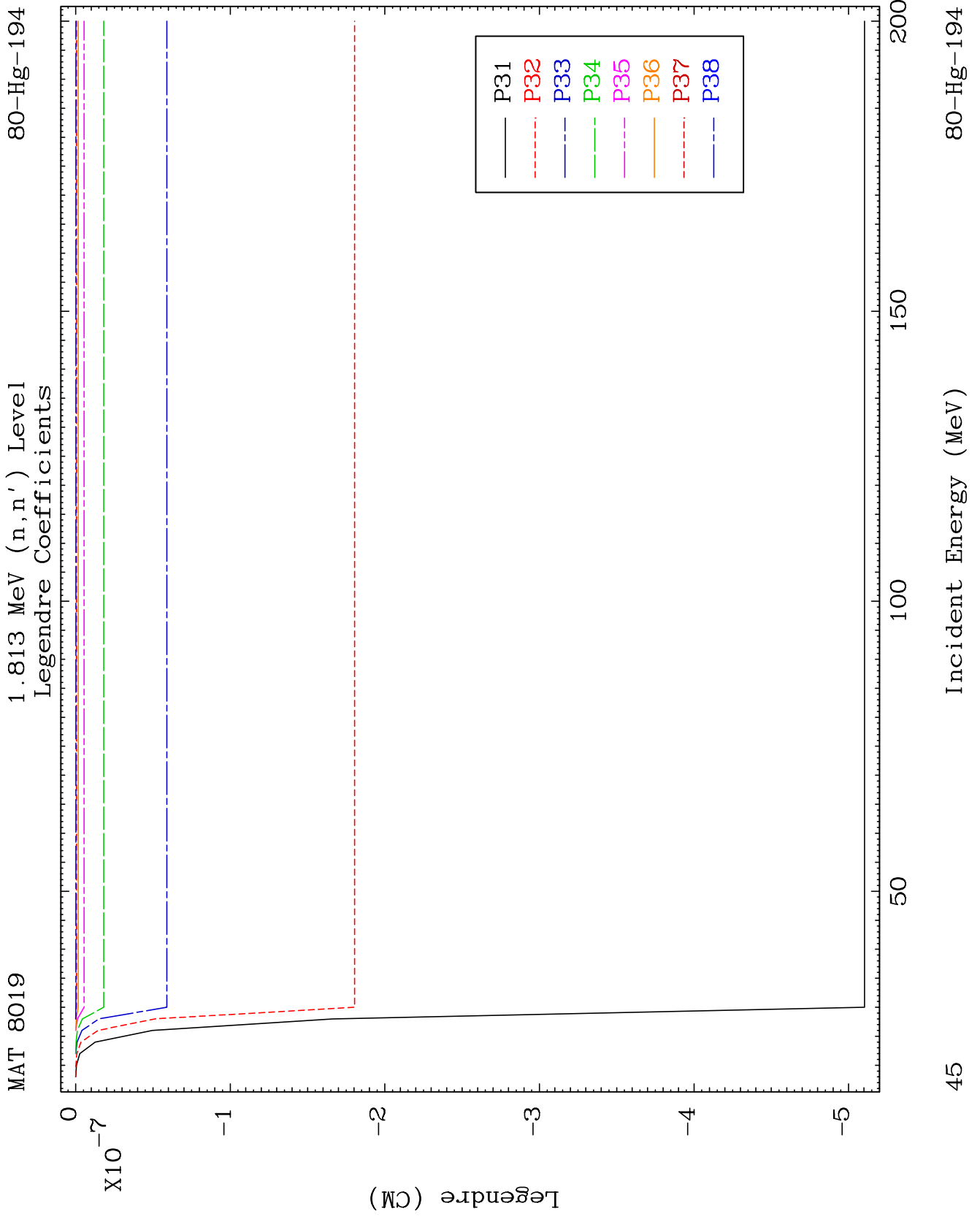


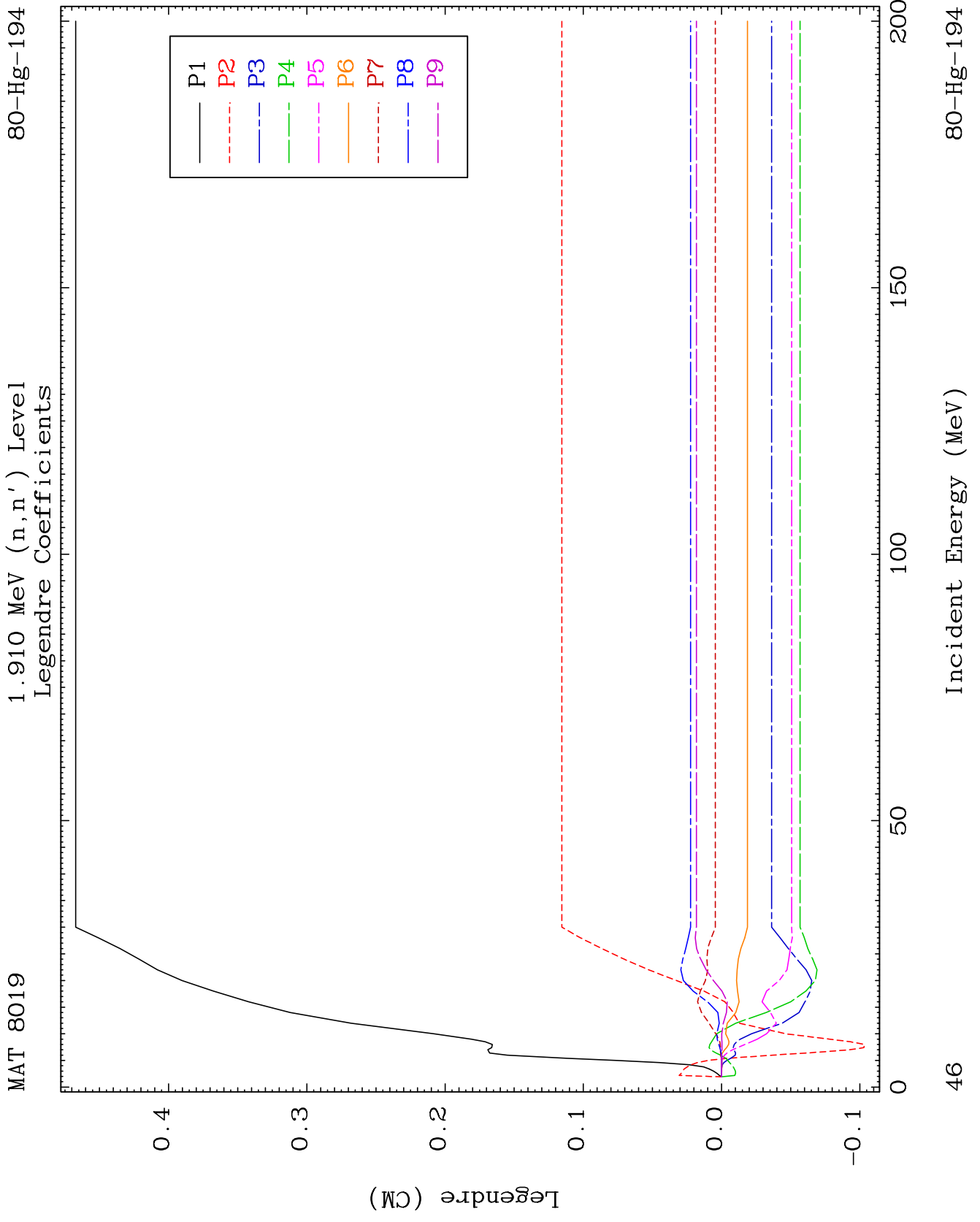
MAT 8019

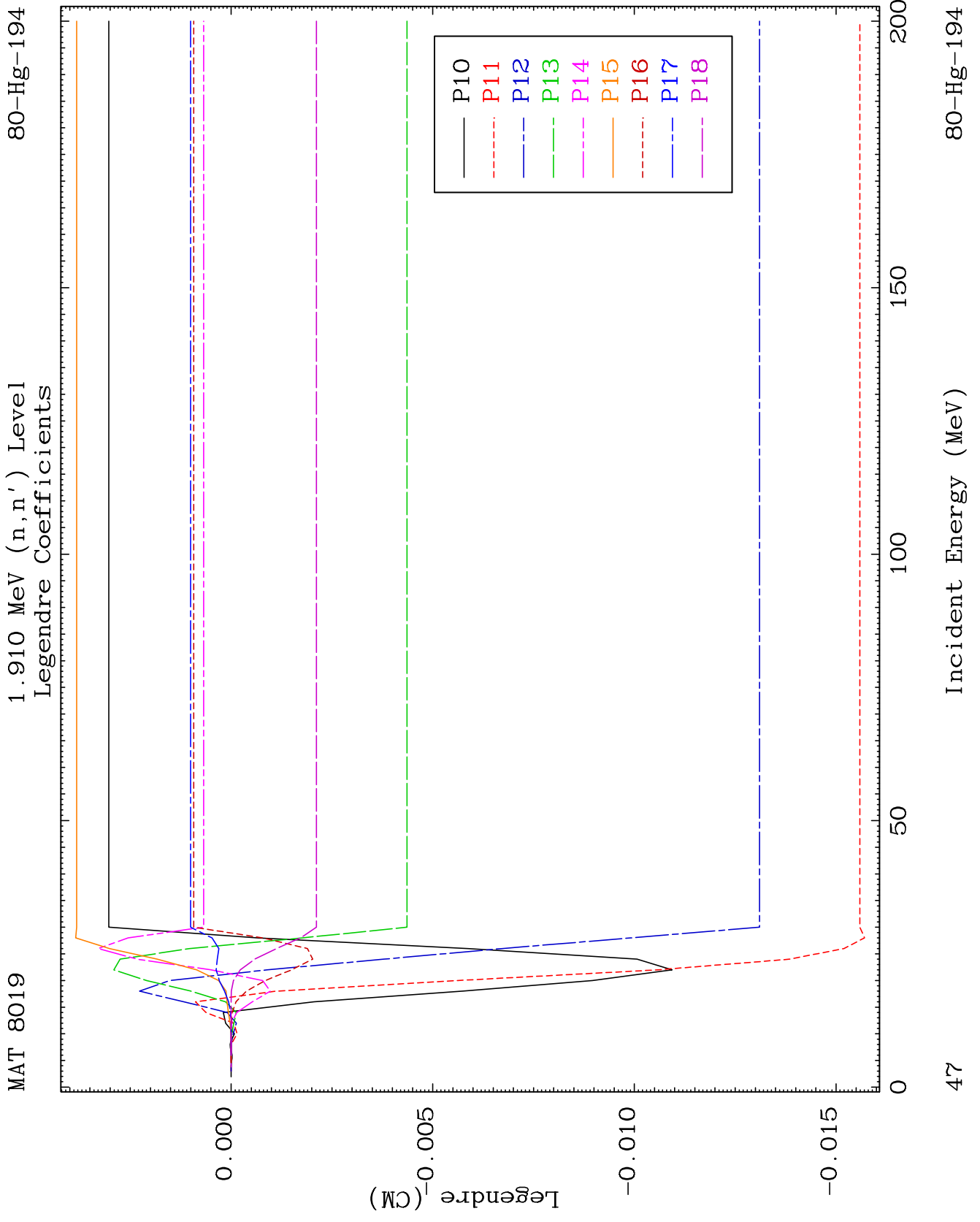
1.813 MeV (n,n') Level
Legendre Coefficients

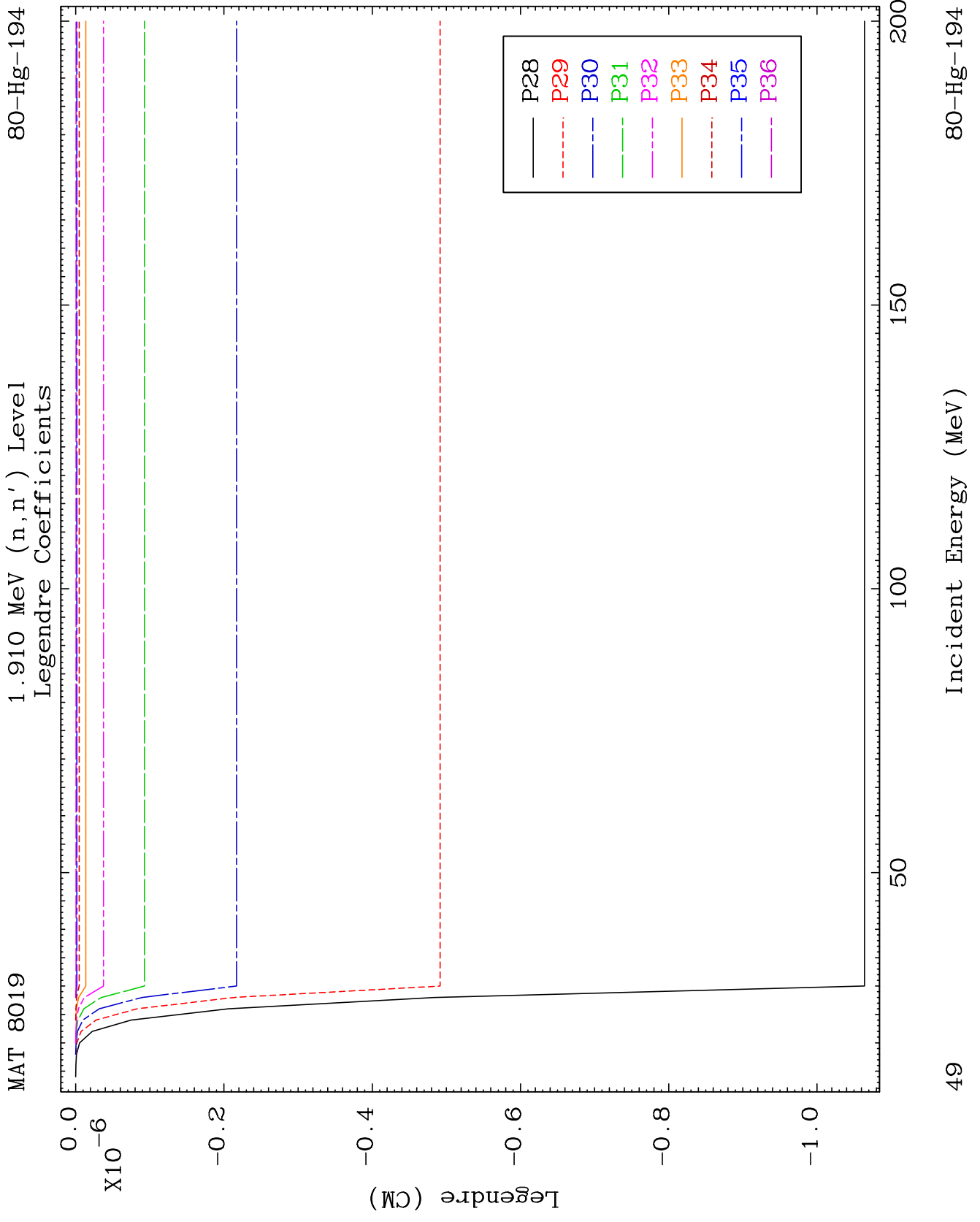
80-Hg-194

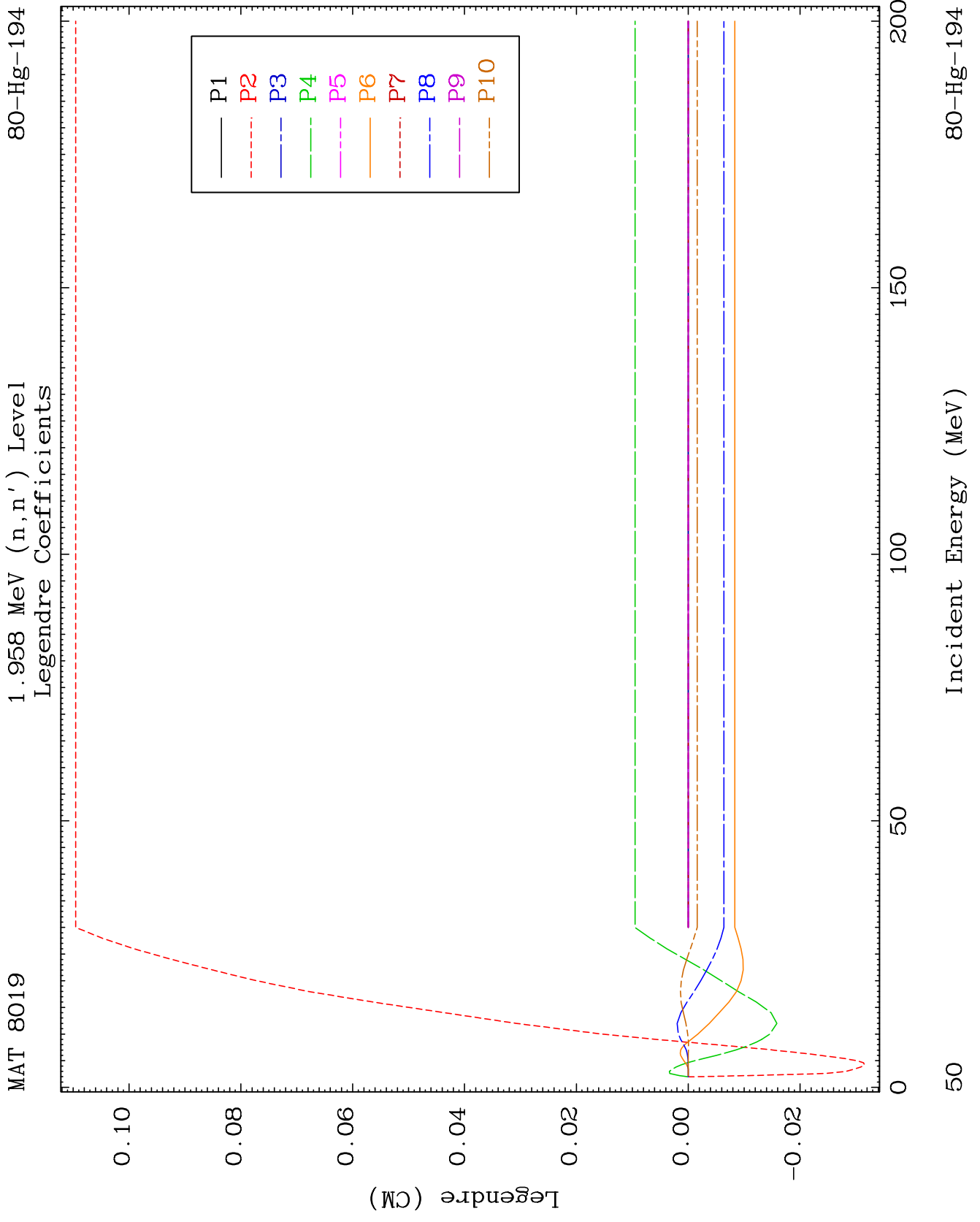


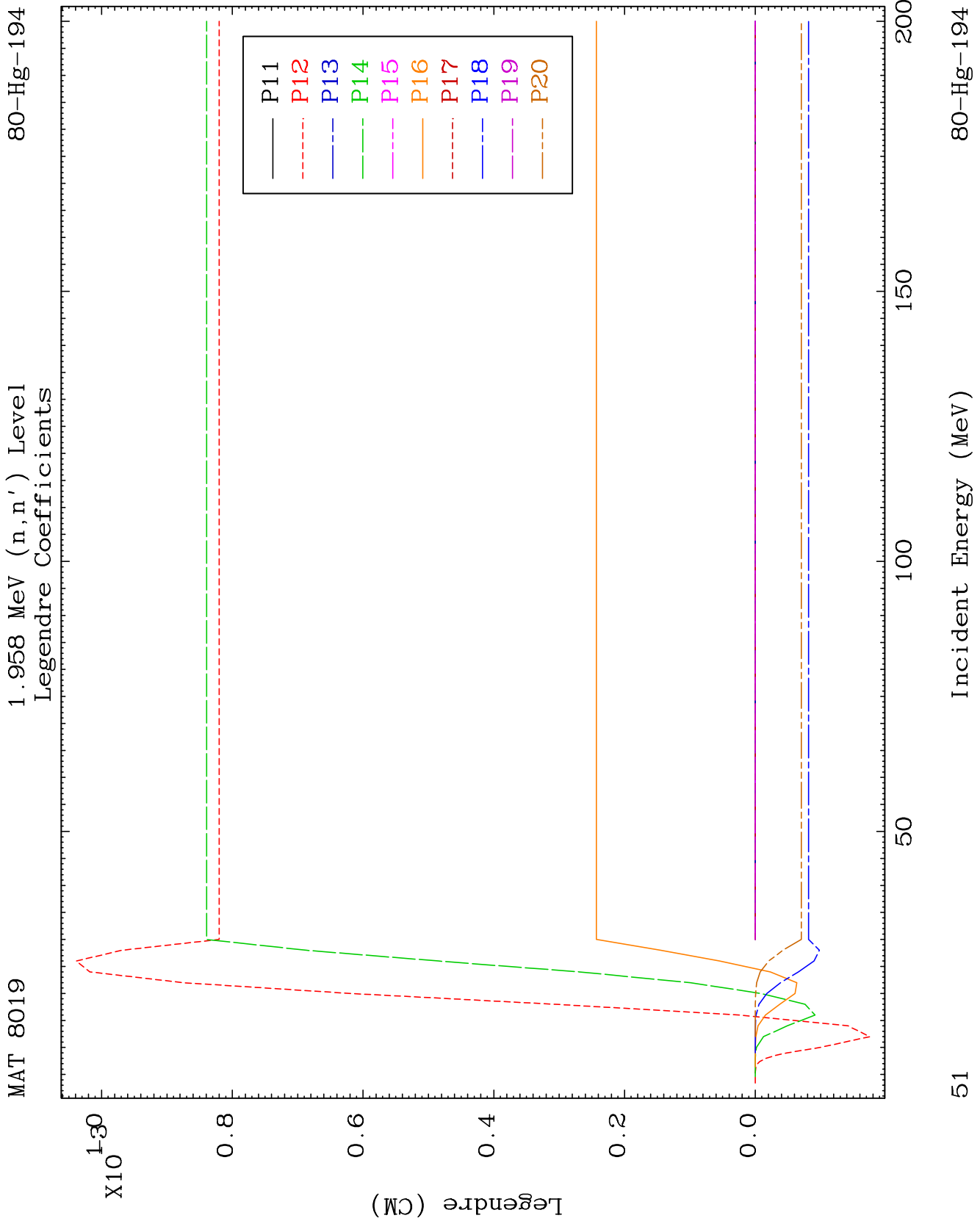


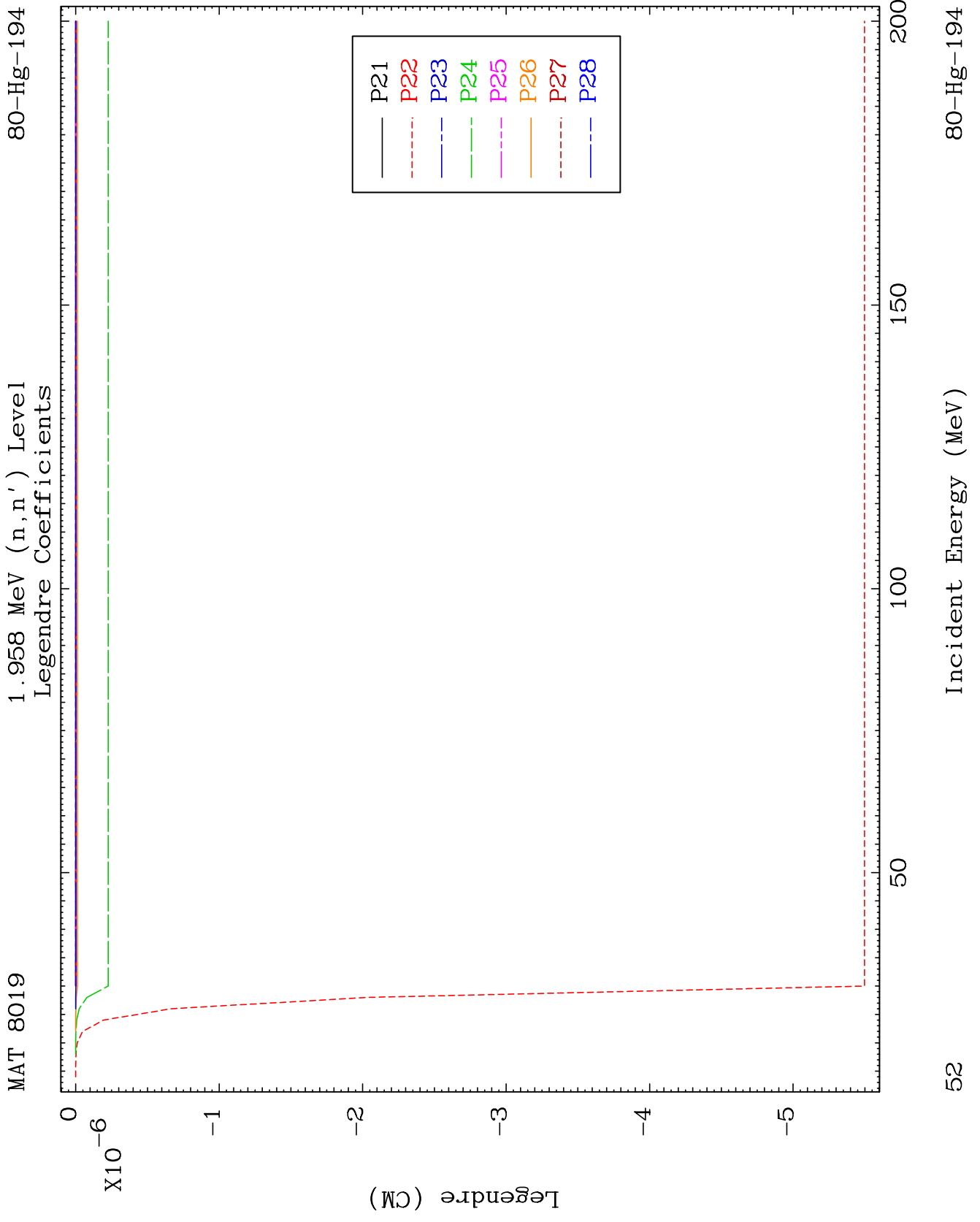


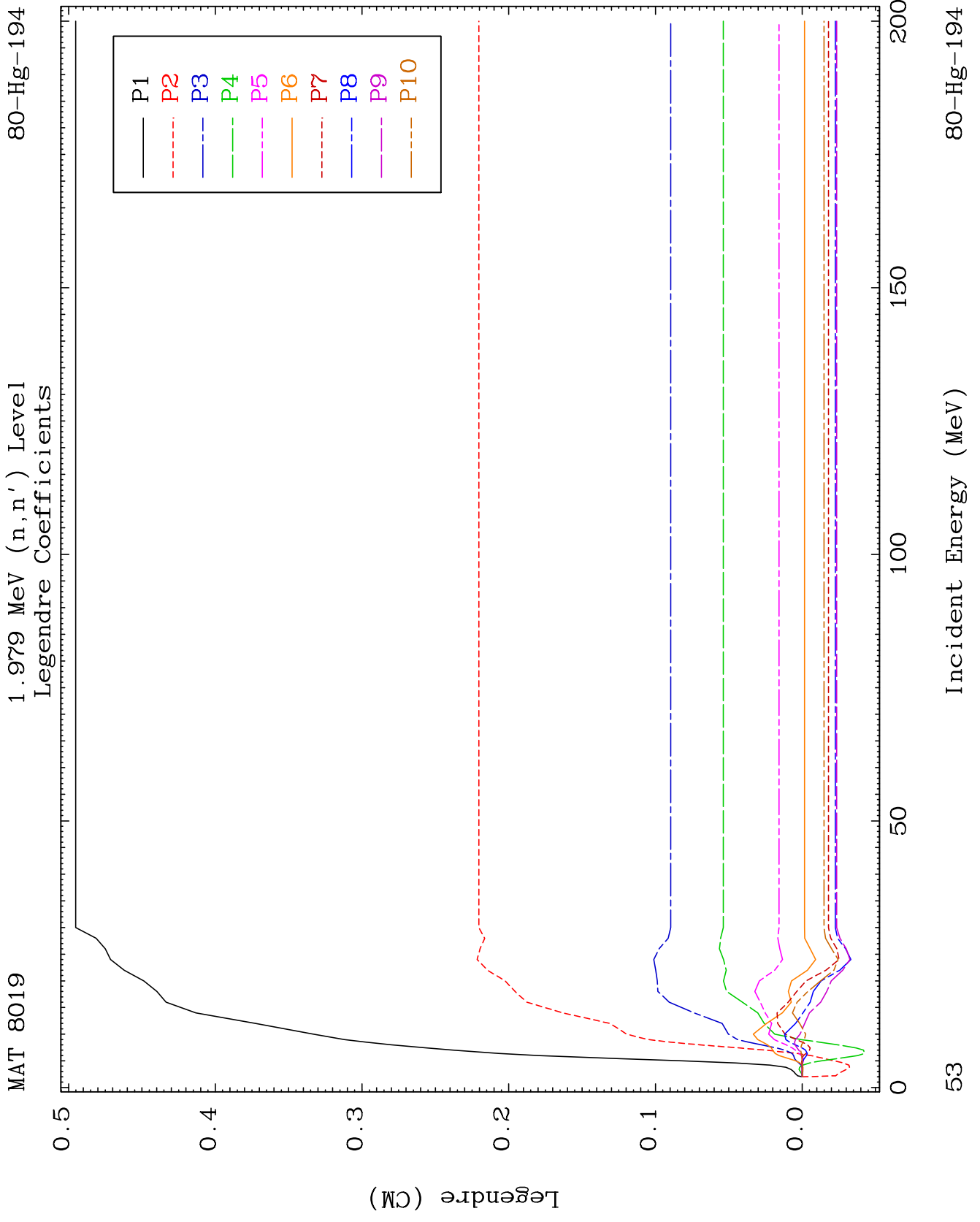








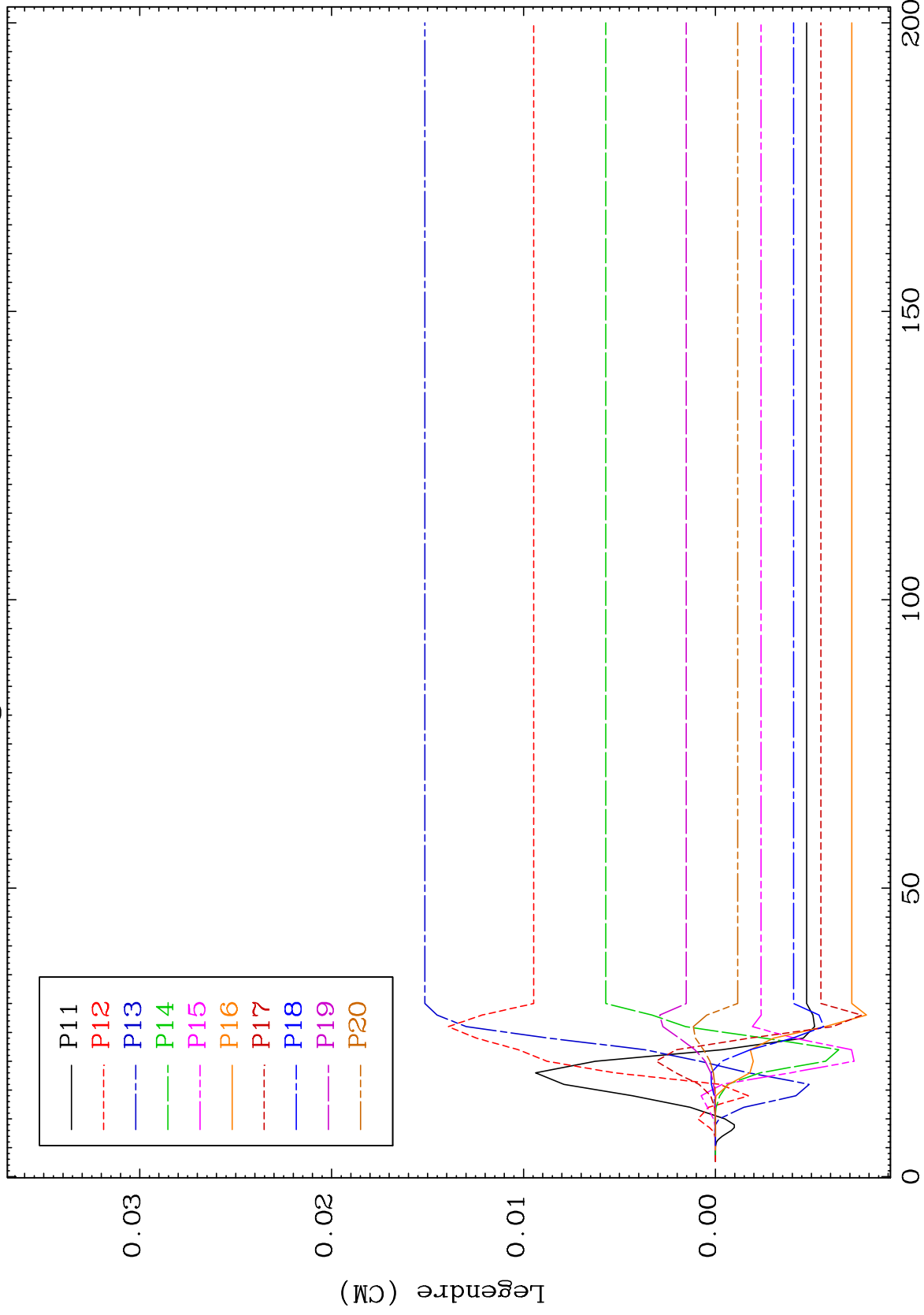




MAT 8019

1.979 MeV (n,n') Level
Legendre Coefficients

80-Hg-194



54

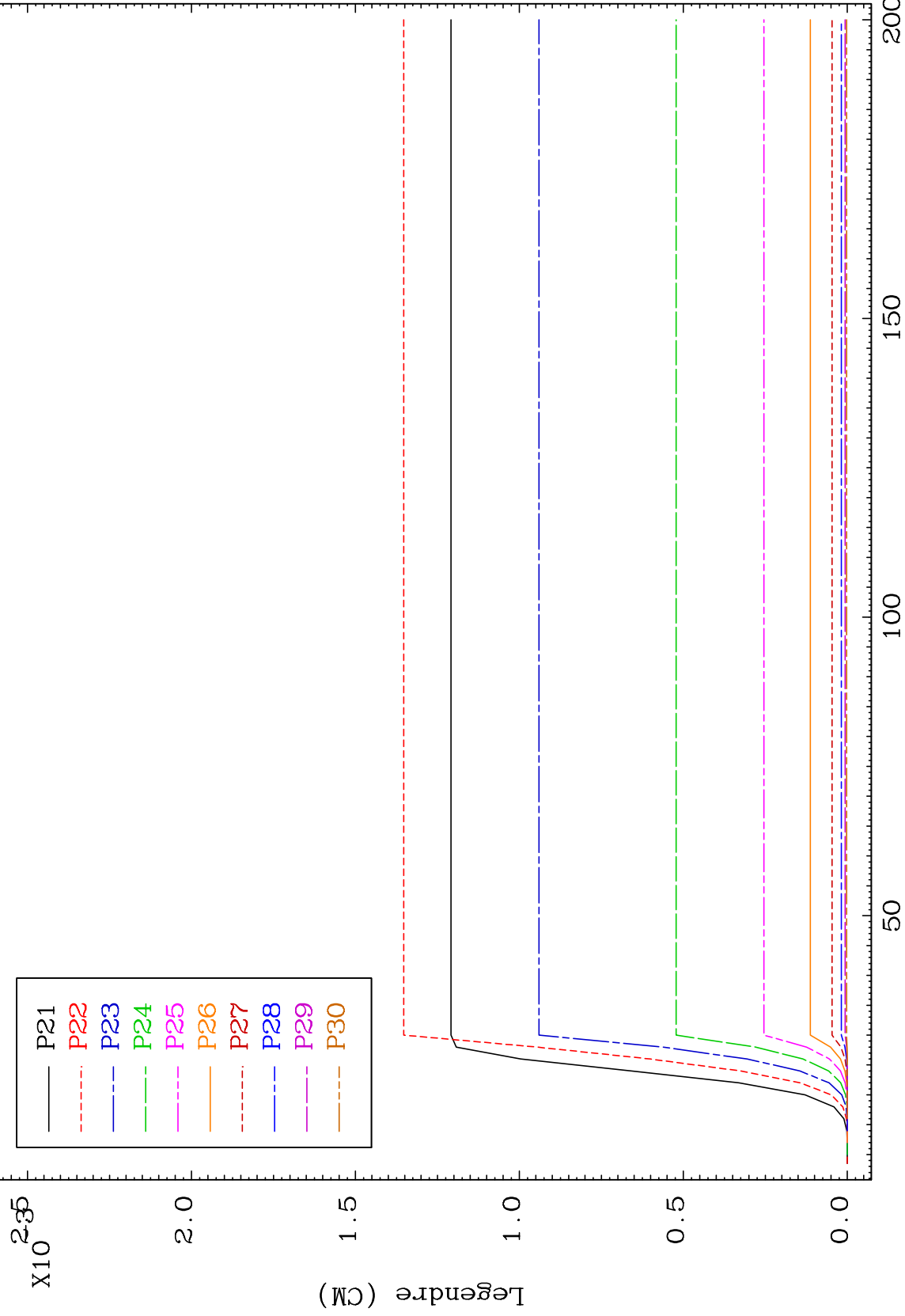
Incident Energy (MeV)

80-Hg-194

MAT 8019

1.979 MeV (n,n') Level
Legendre Coefficients

80-Hg-194



55

Incident Energy (MeV)

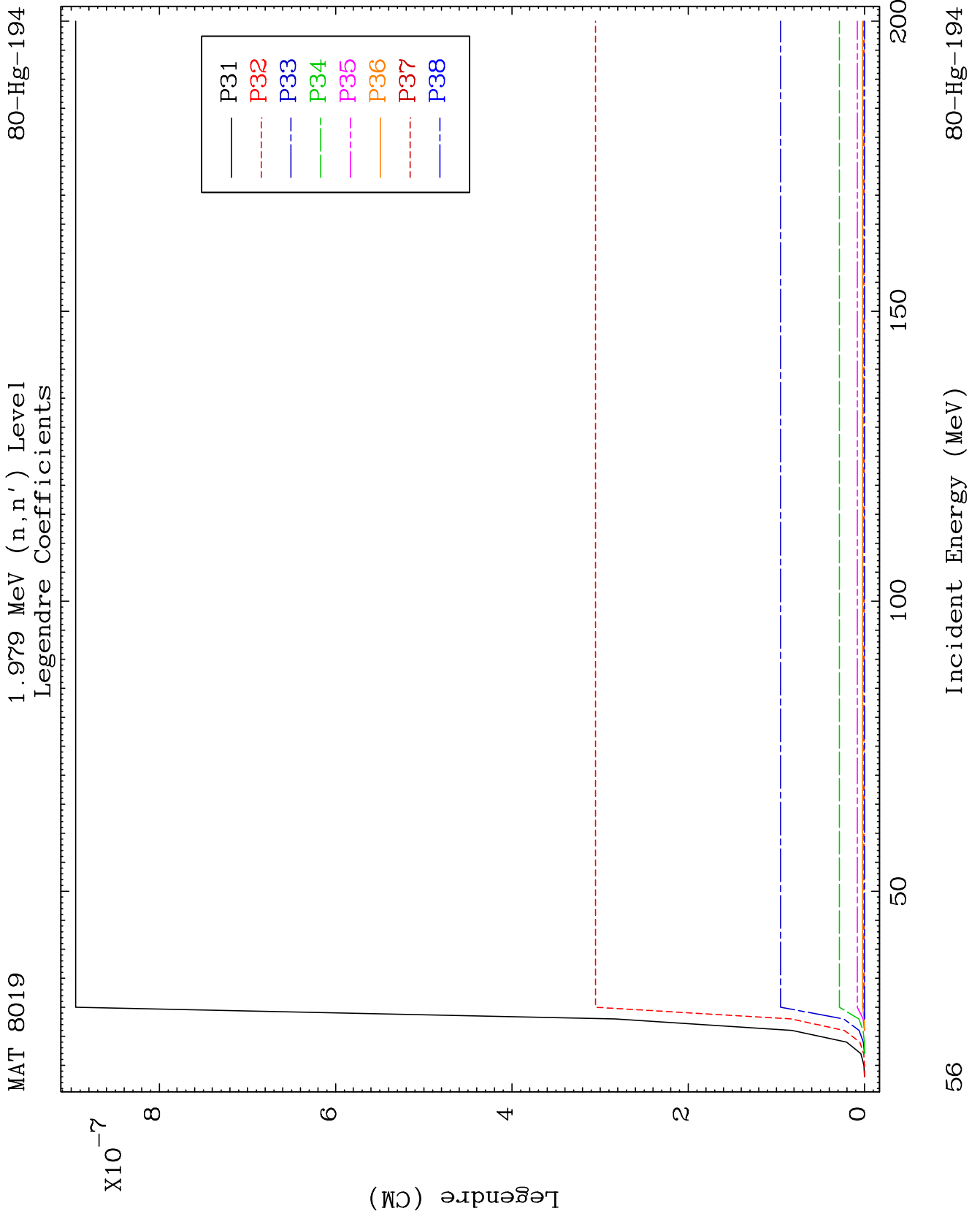
50

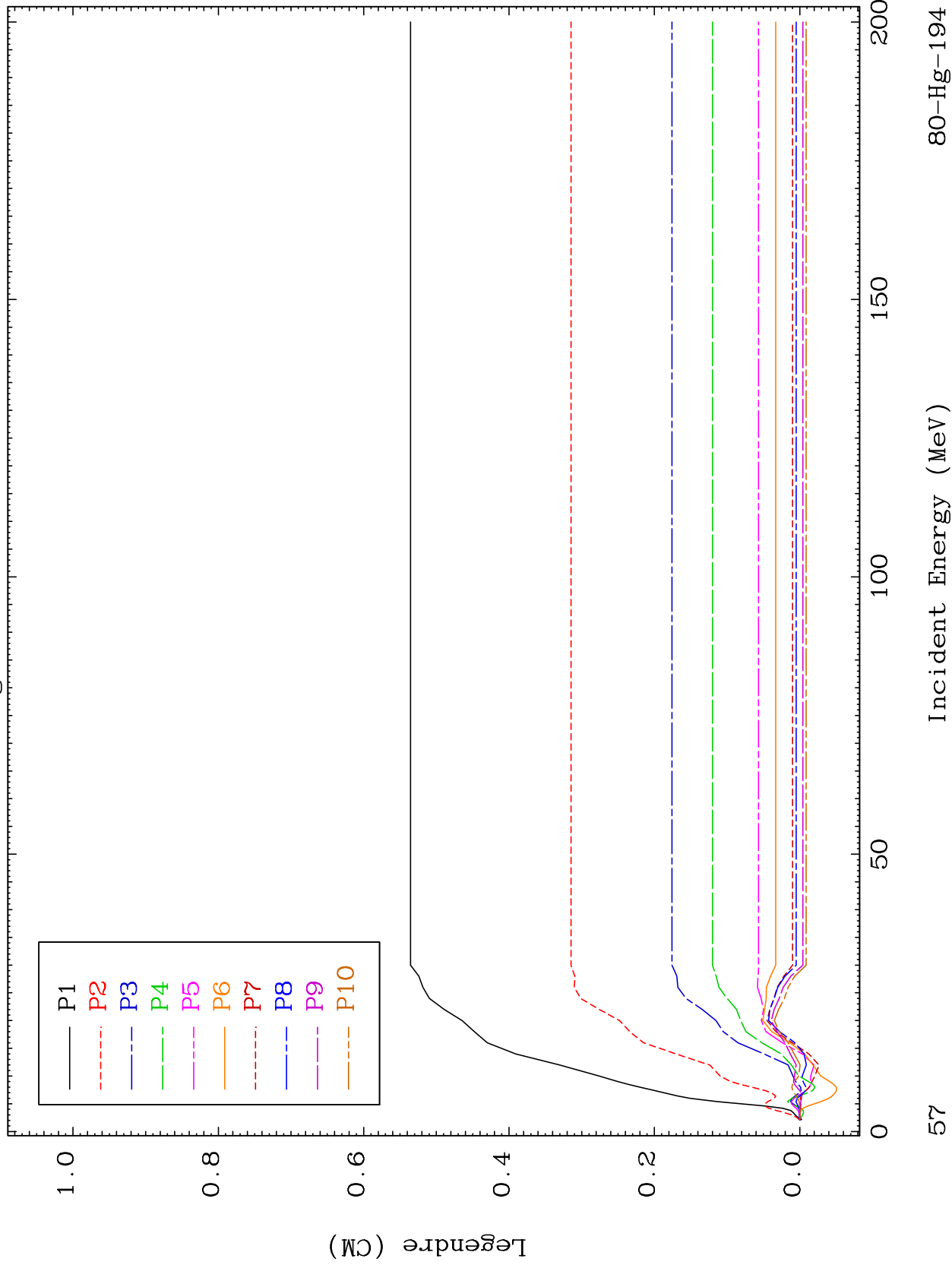
100

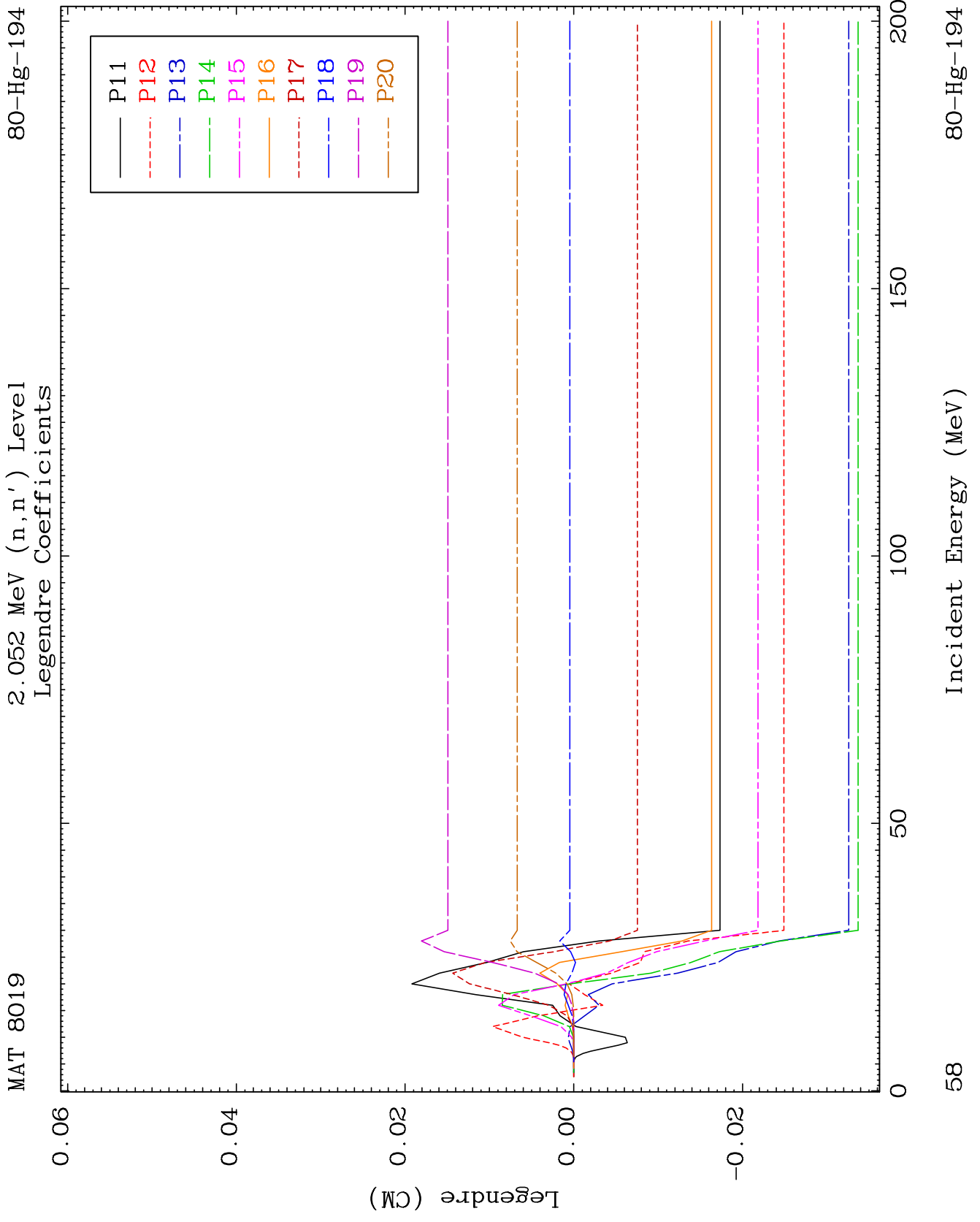
150

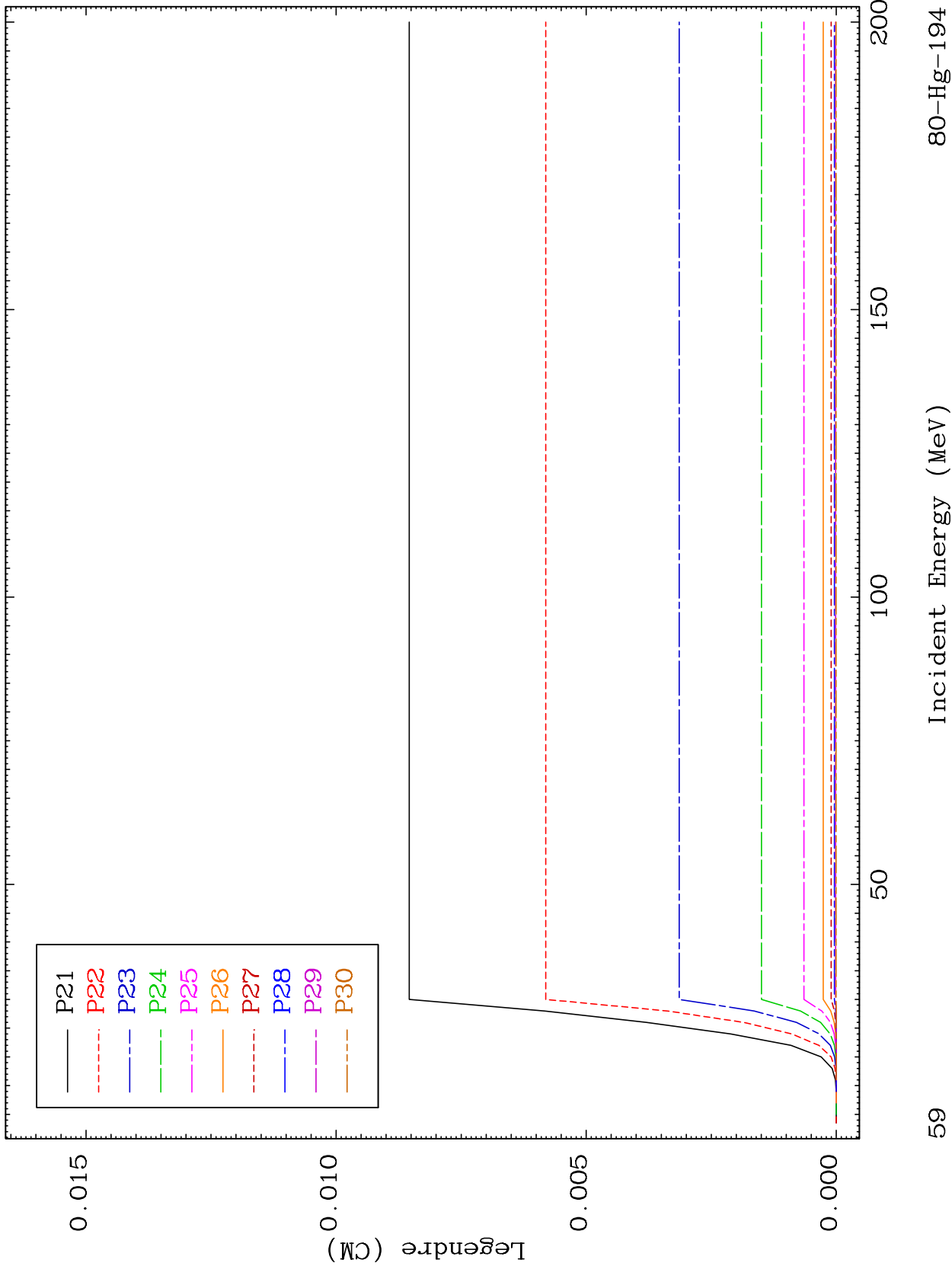
200

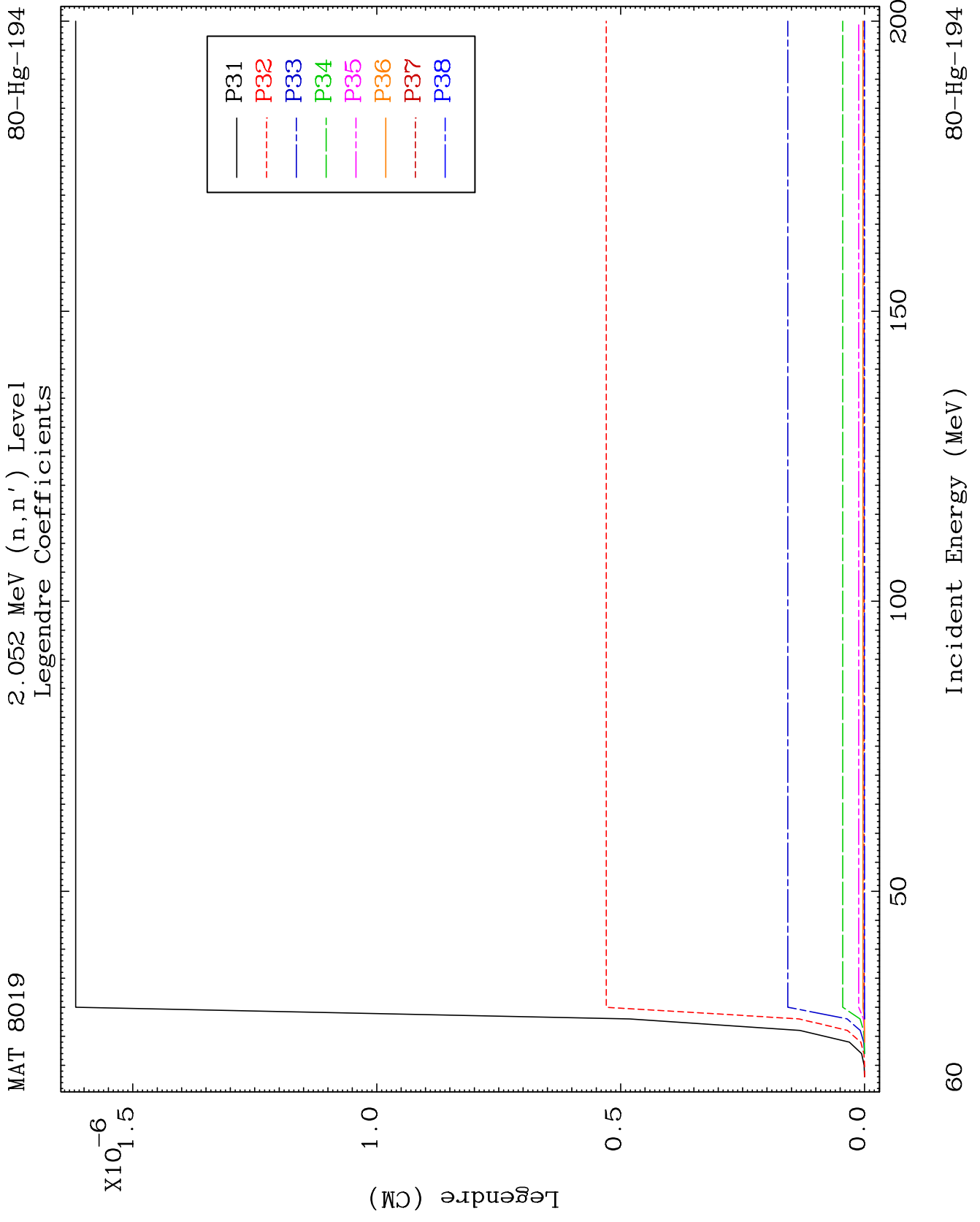
80-Hg-194







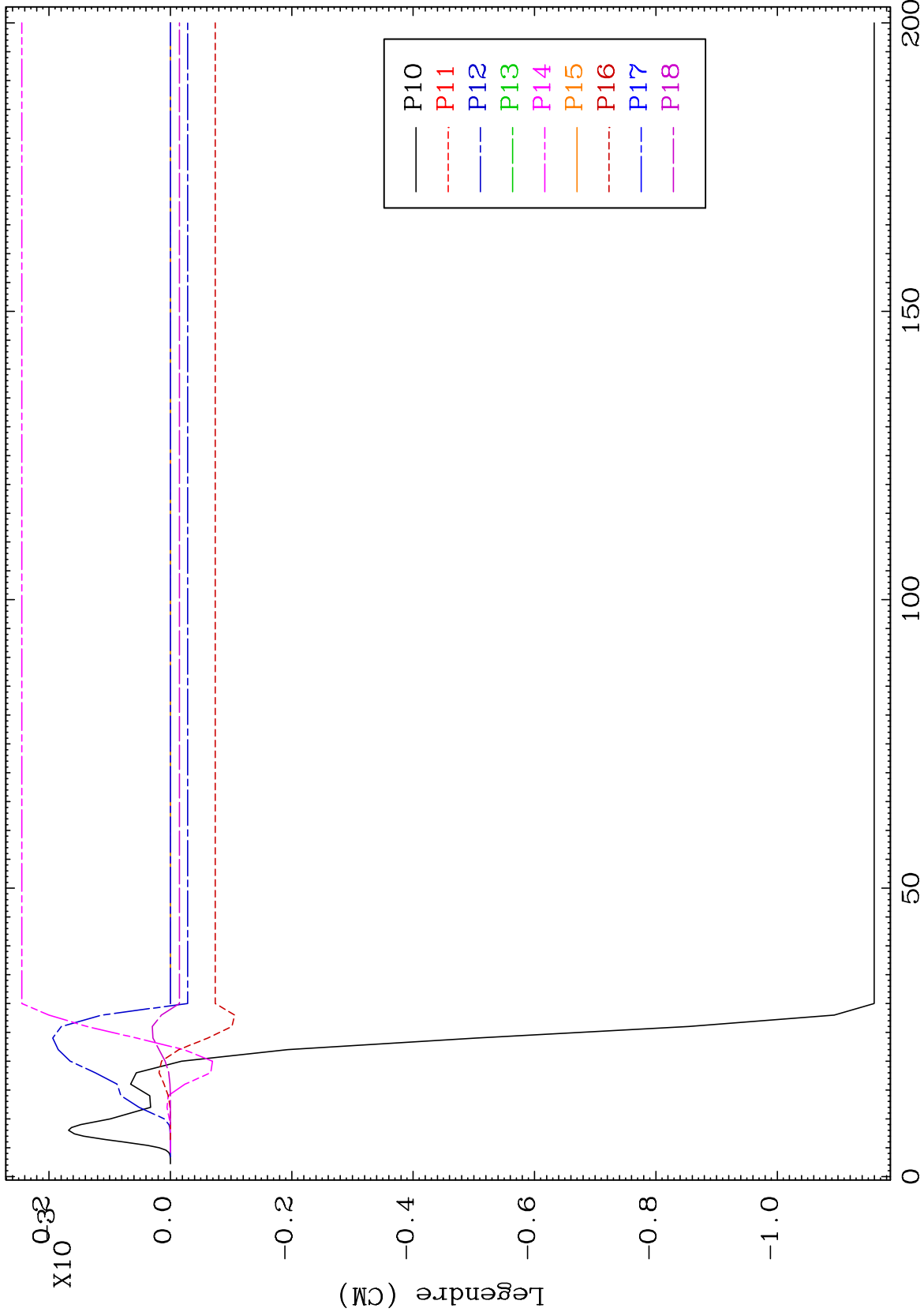




MAT 8019

2.138 MeV (n,n') Level
Legendre Coefficients

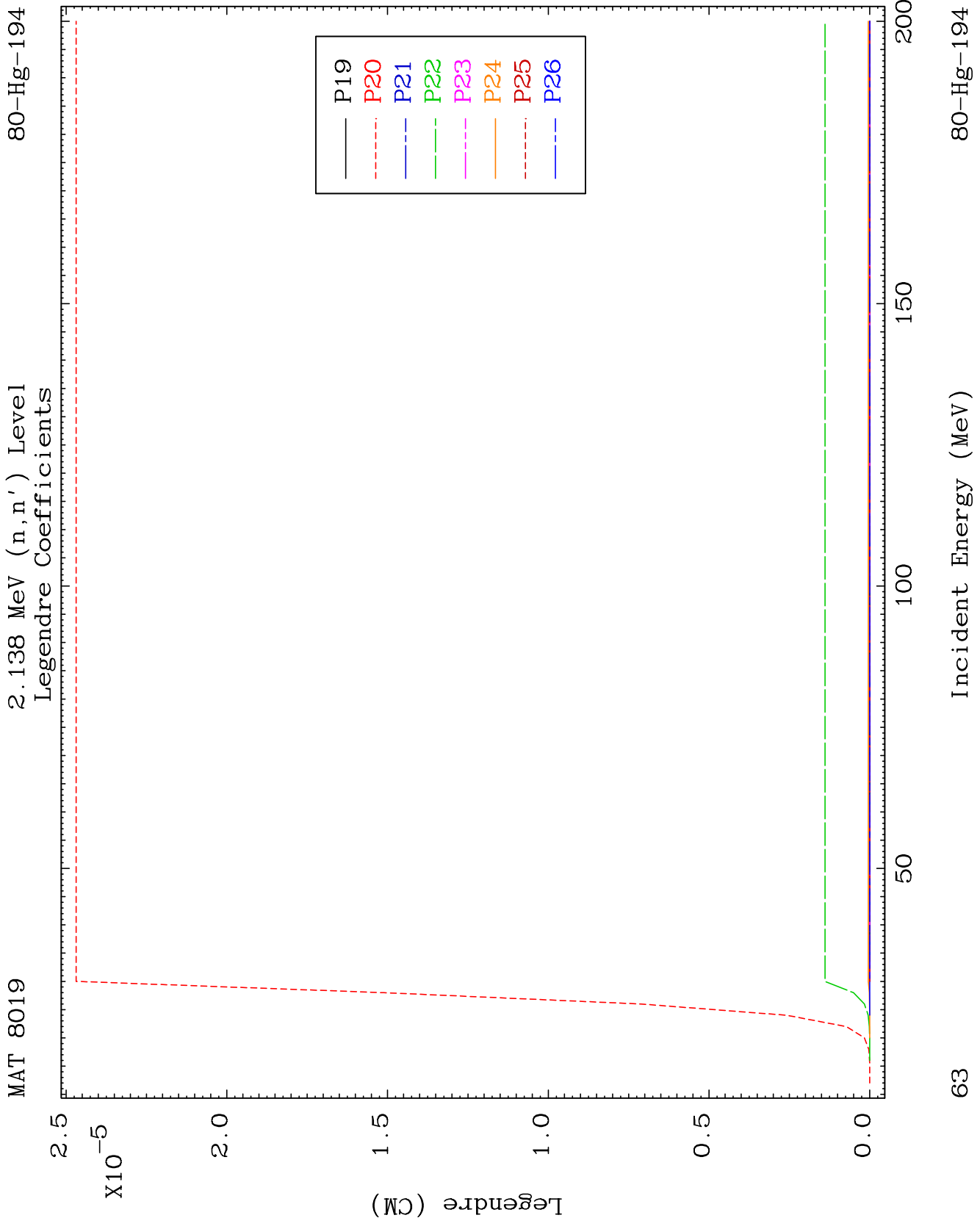
80-Hg-194

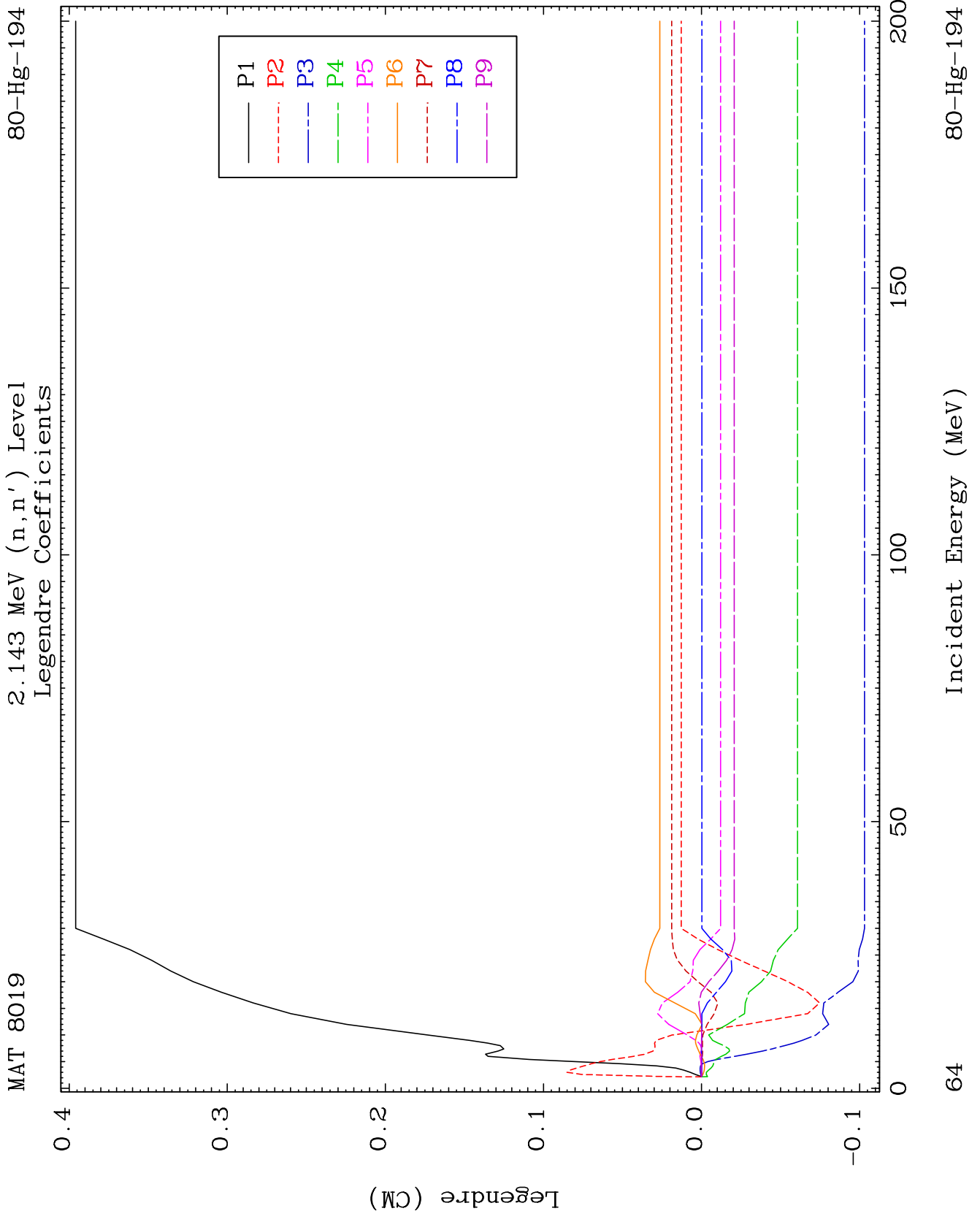


62

Incident Energy (MeV)

80-Hg-194

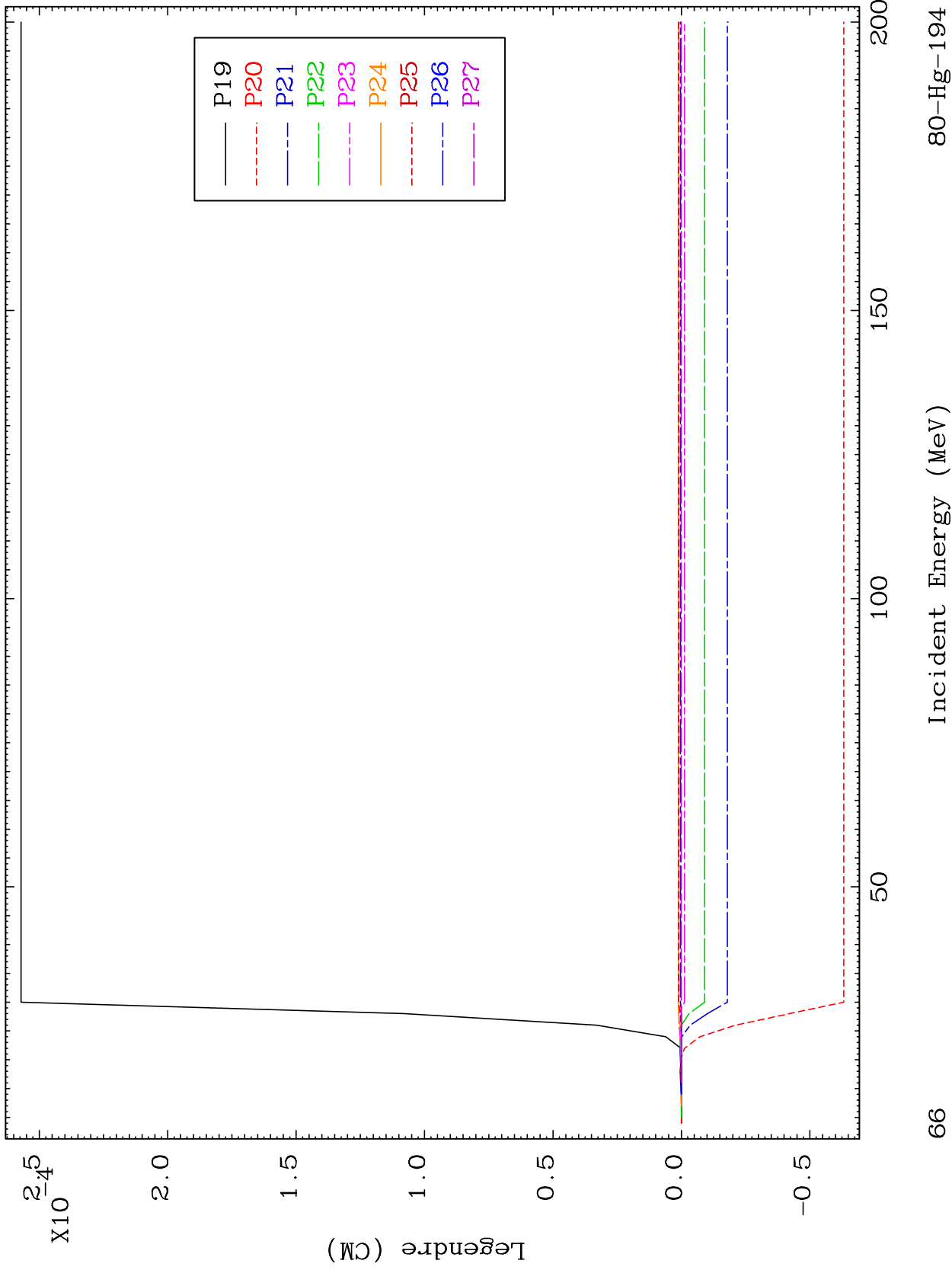




MAT 8019

2.143 MeV (n,n') Level
Legendre Coefficients

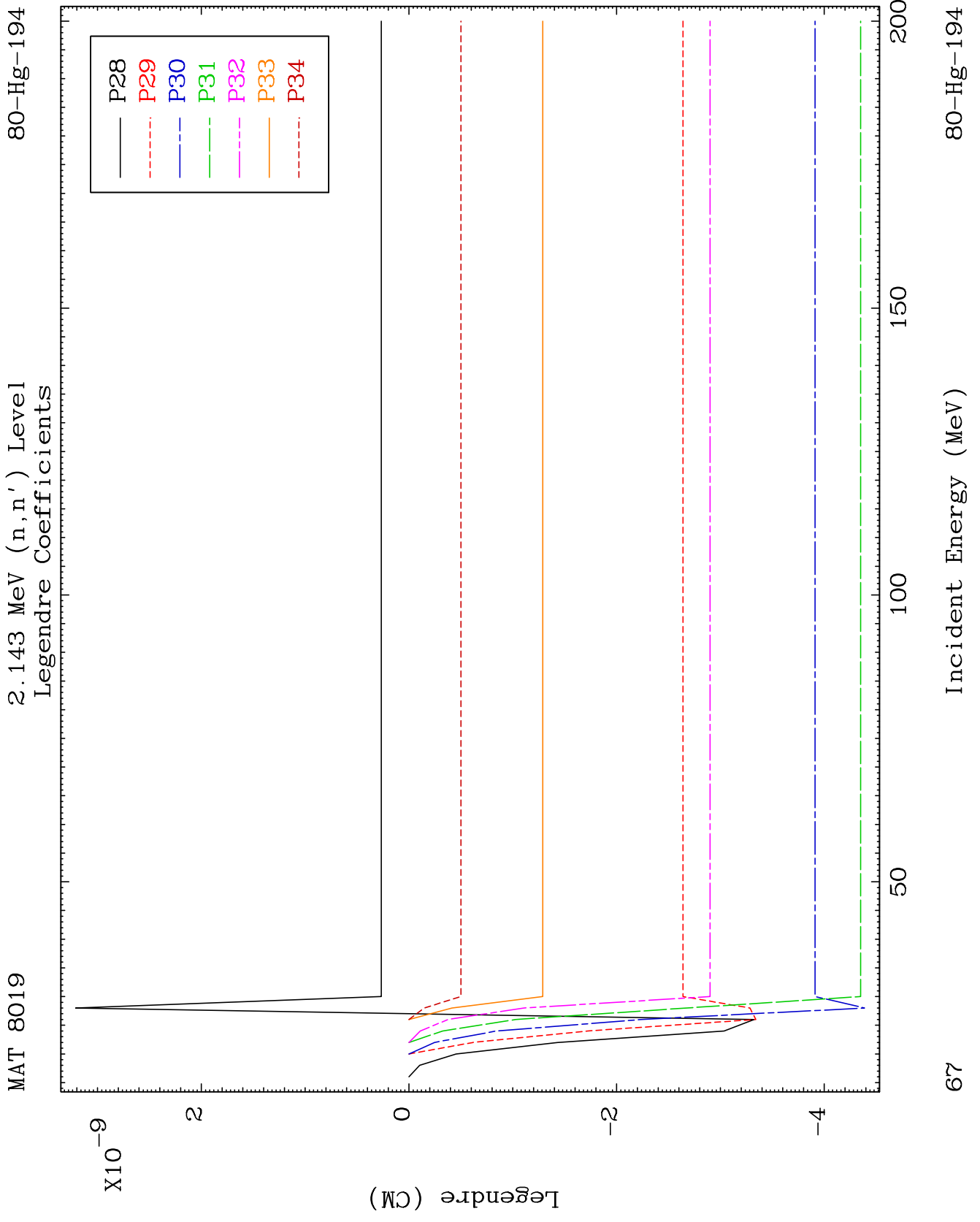
80-Hg-194

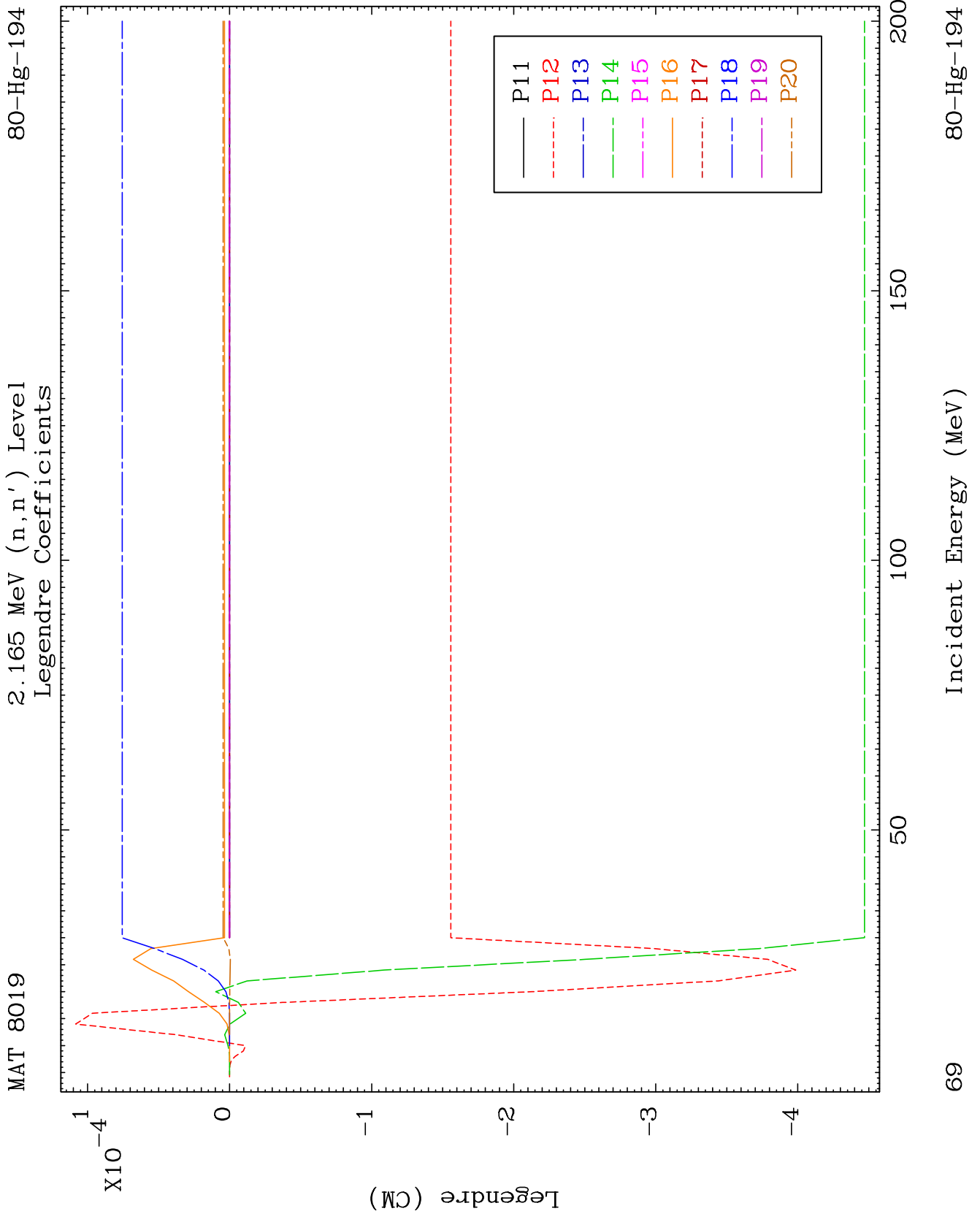


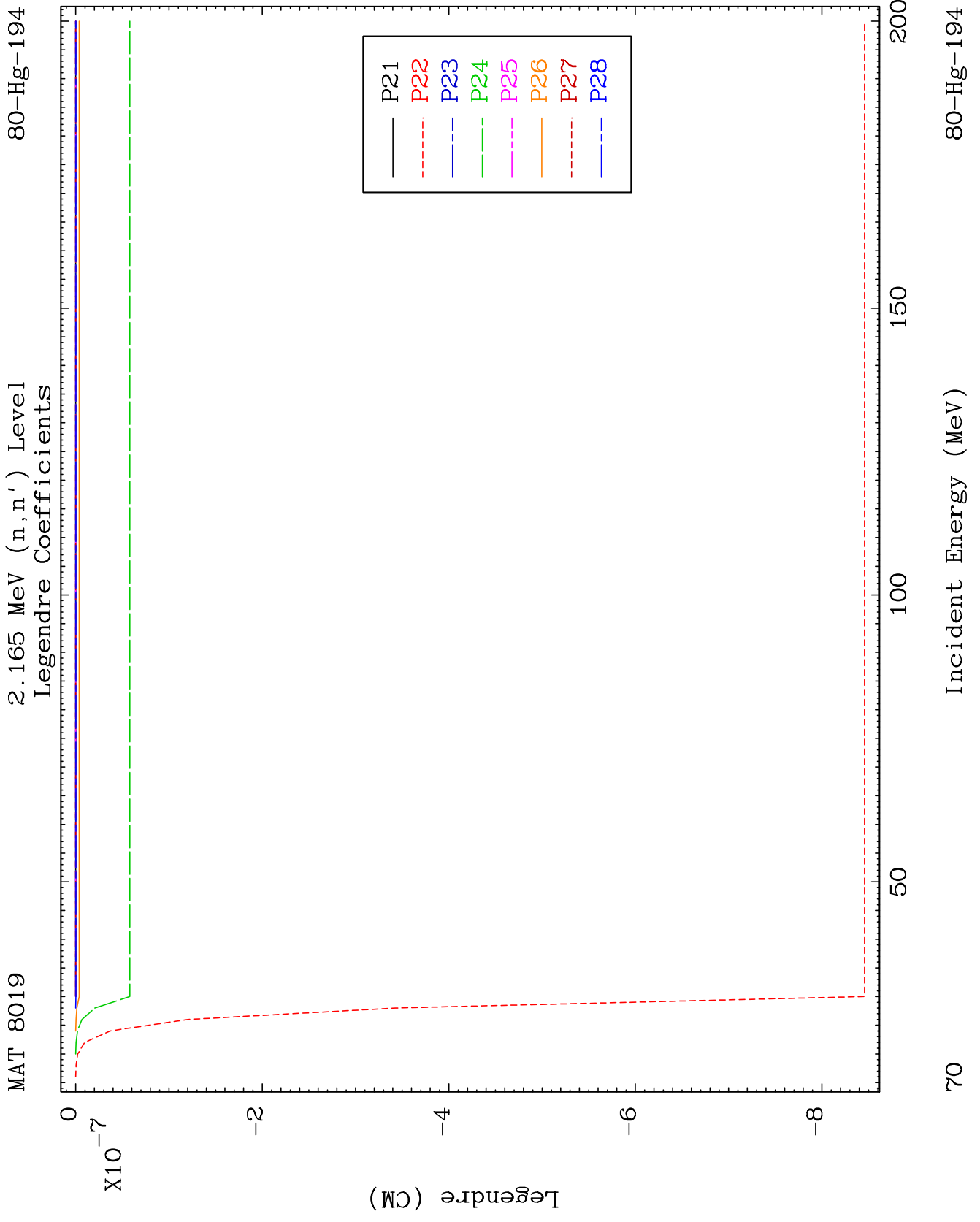
66

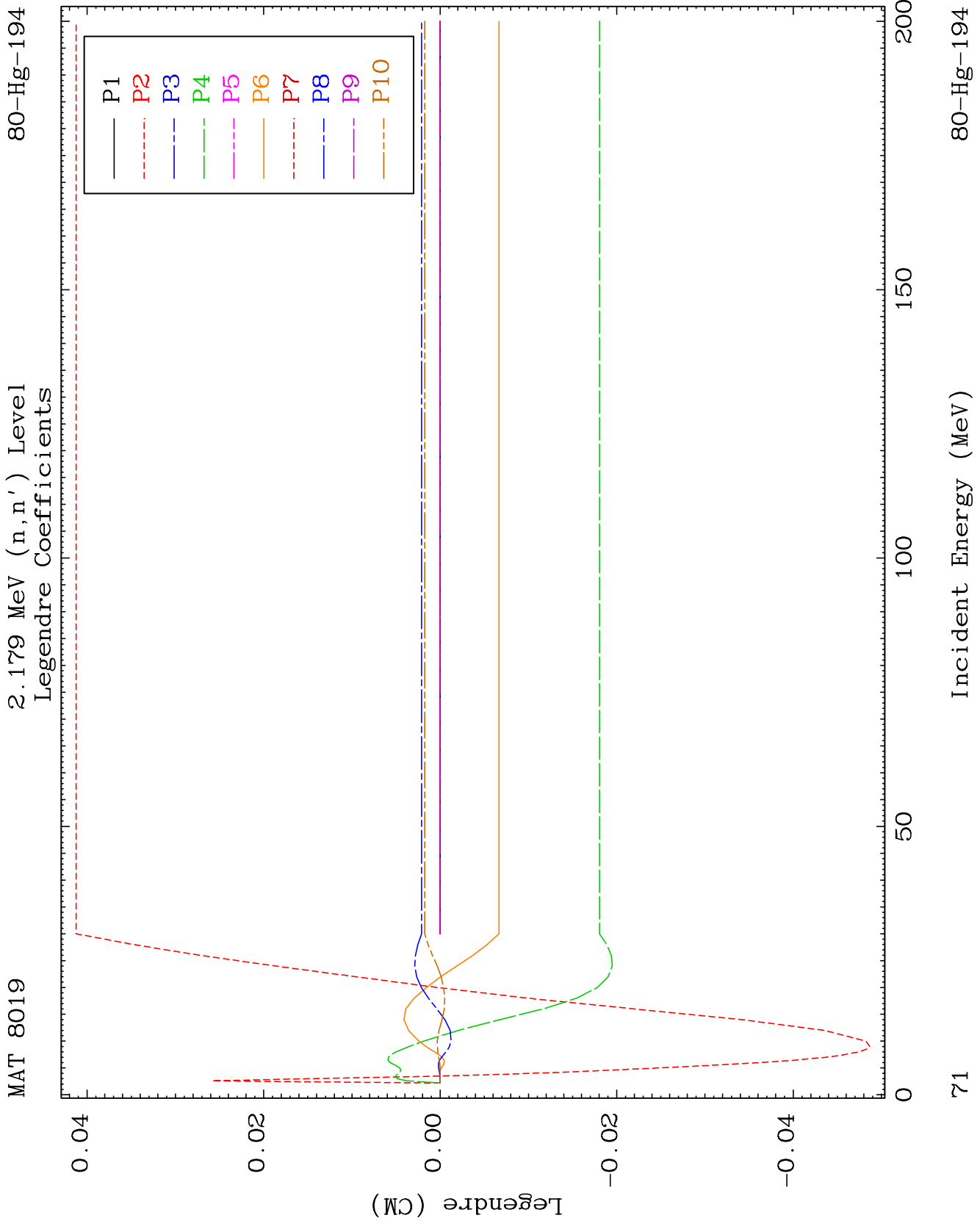
Incident Energy (MeV)

80-Hg-194





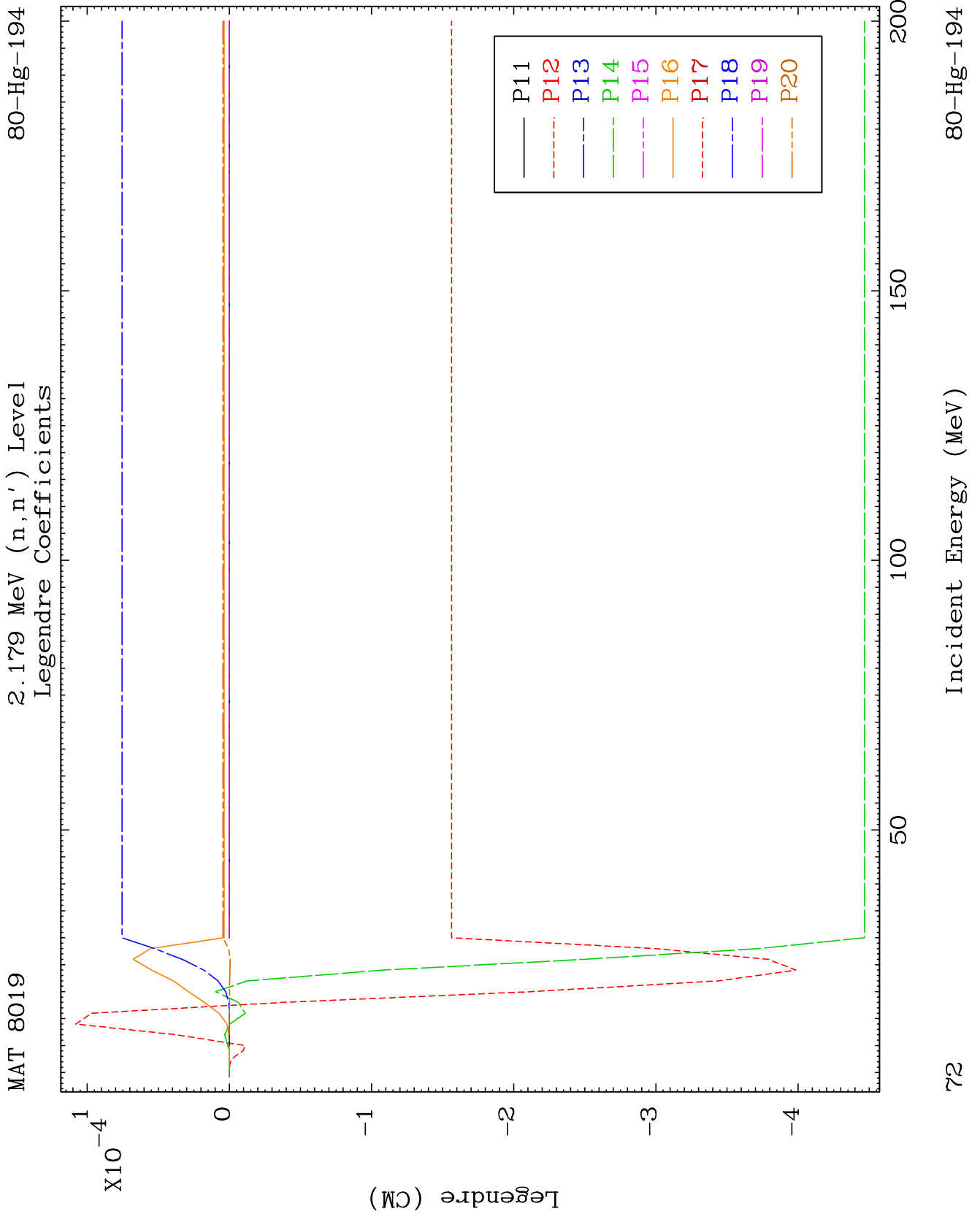


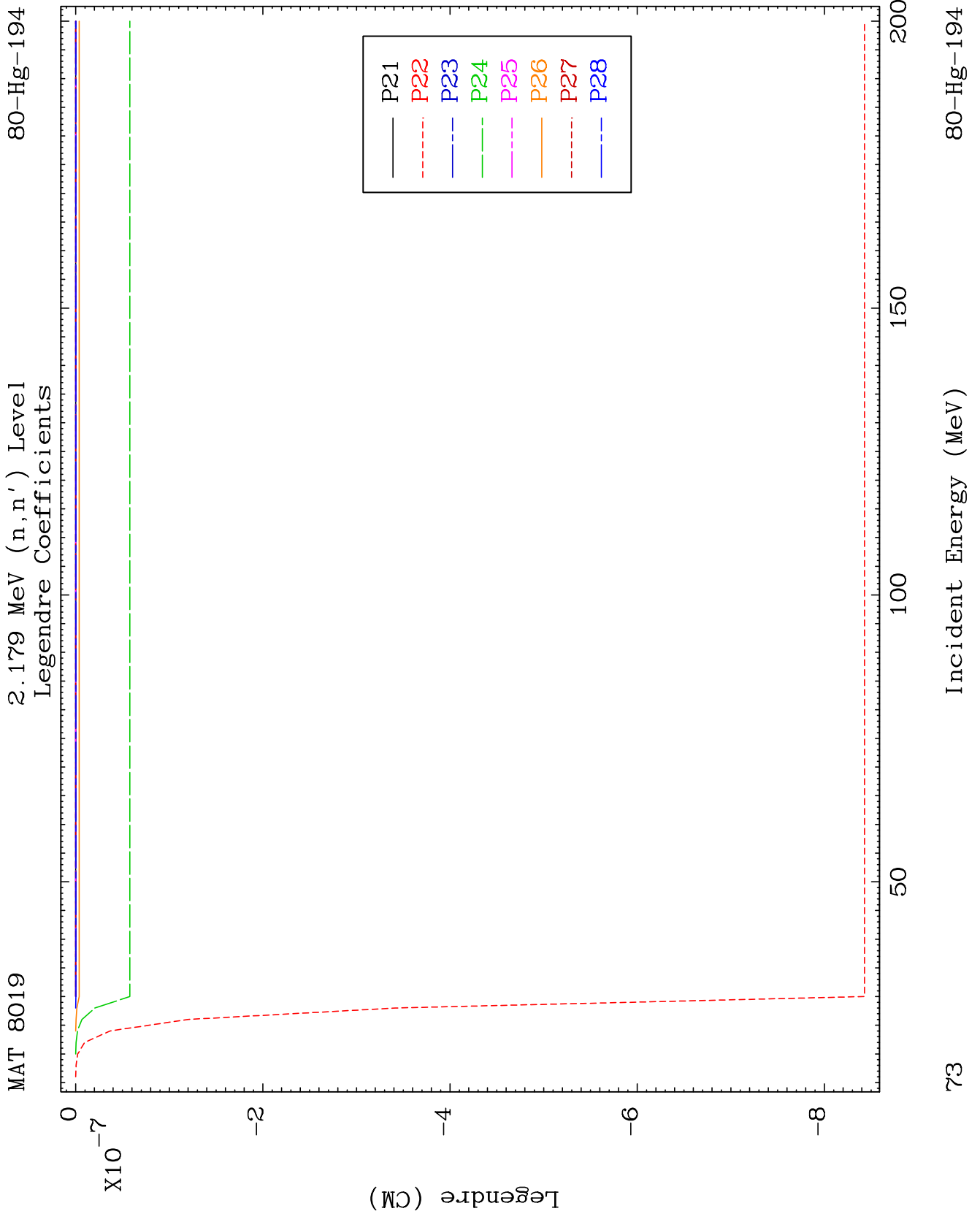


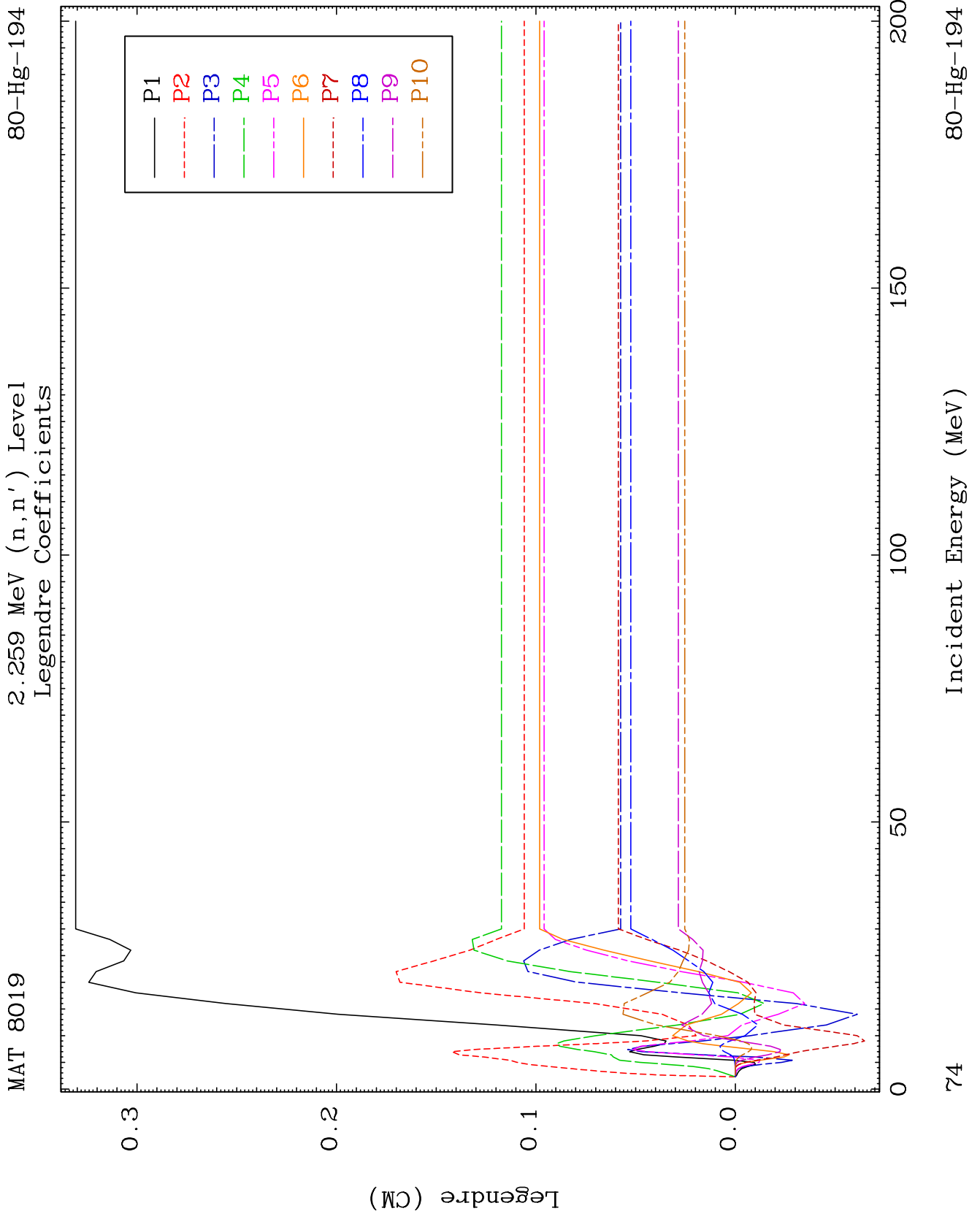
80-Hg-194

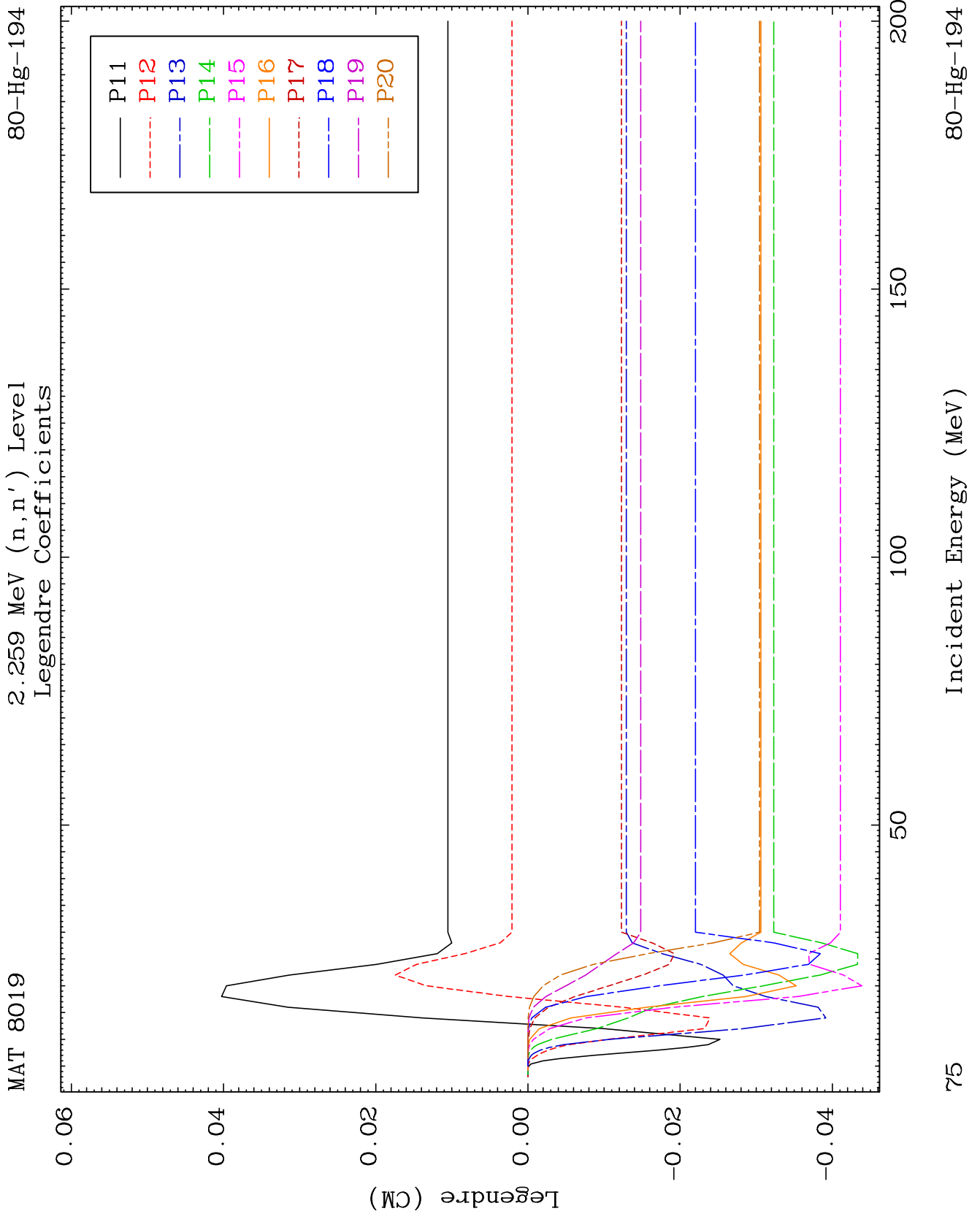
Incident Energy (MeV)

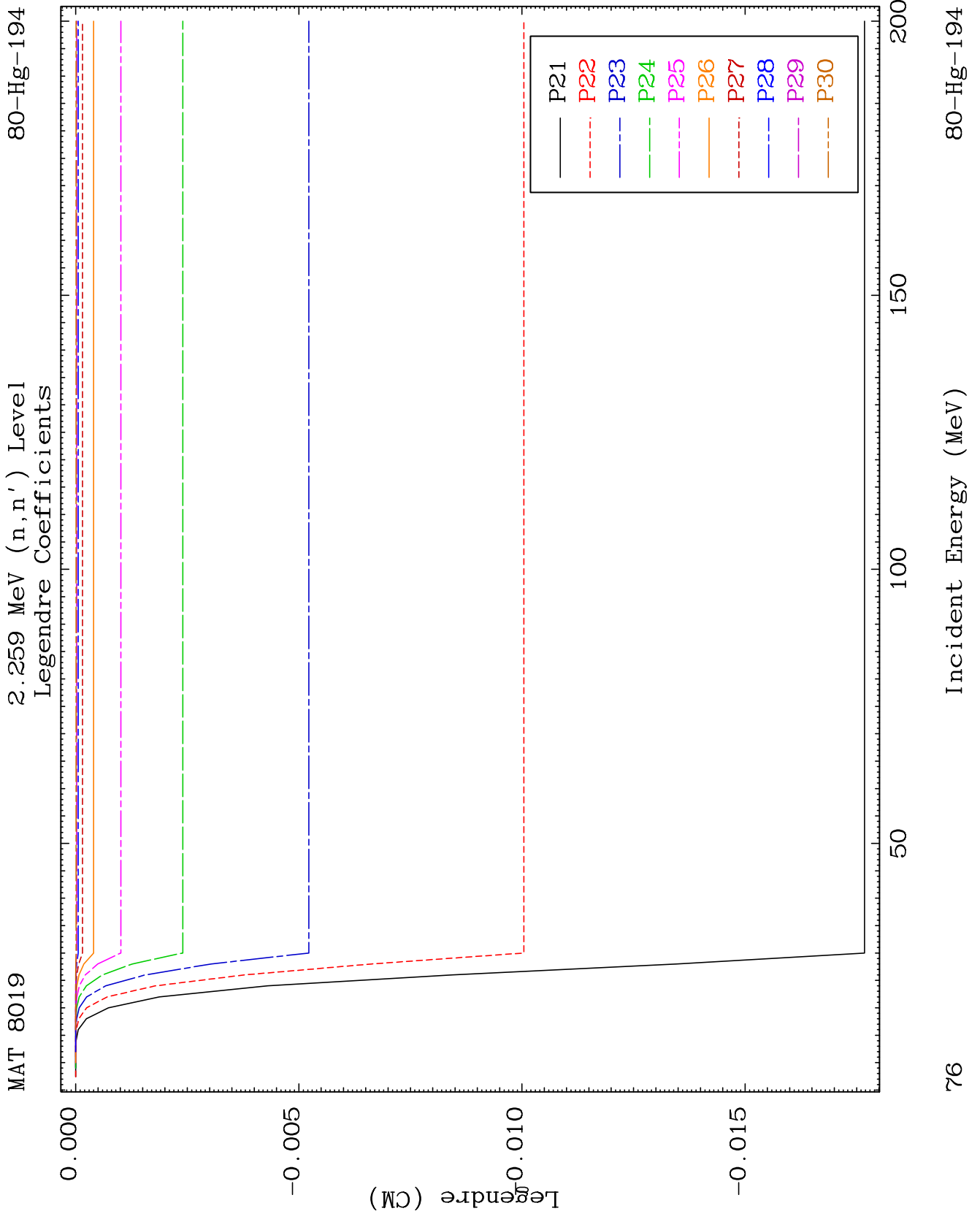
71

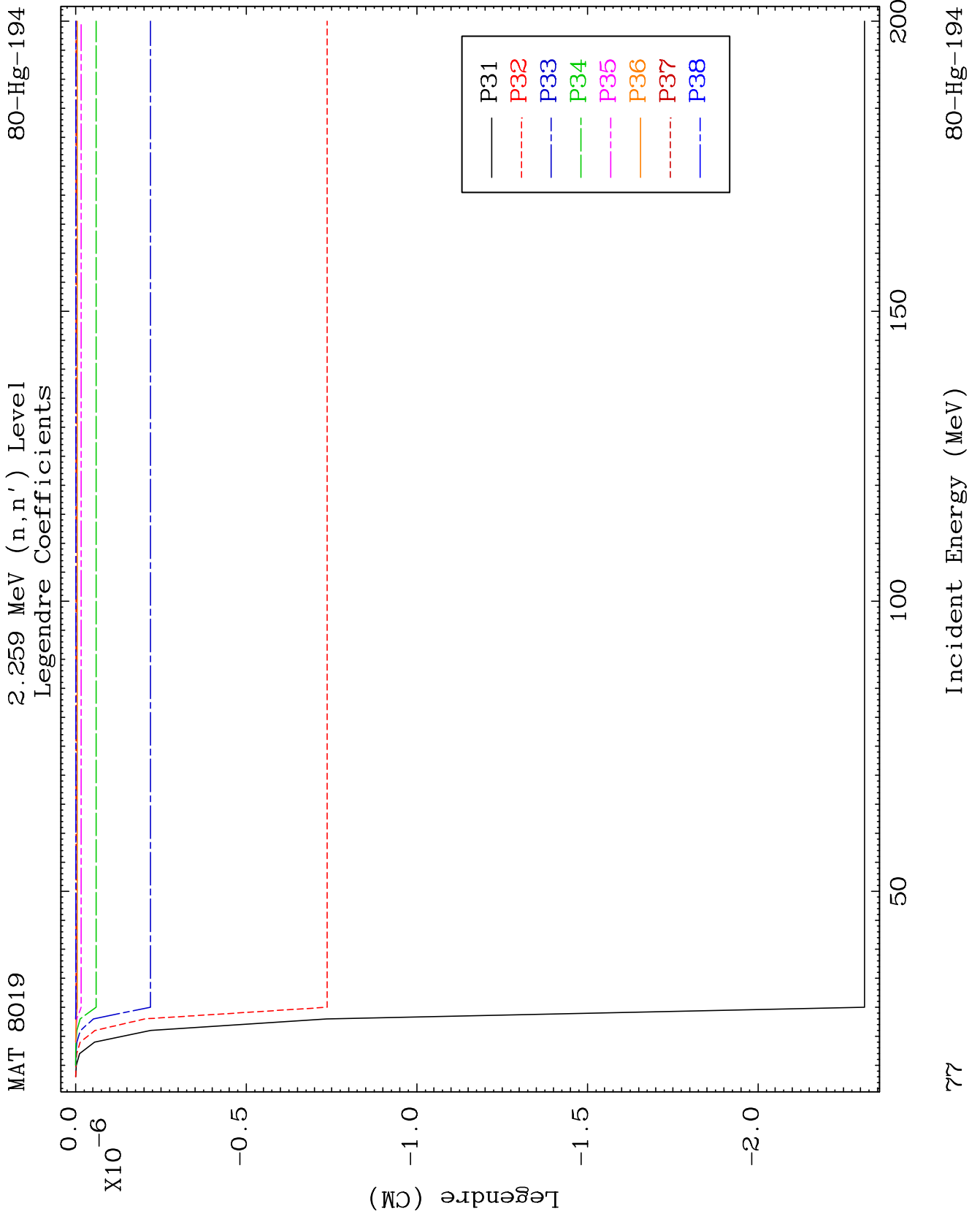


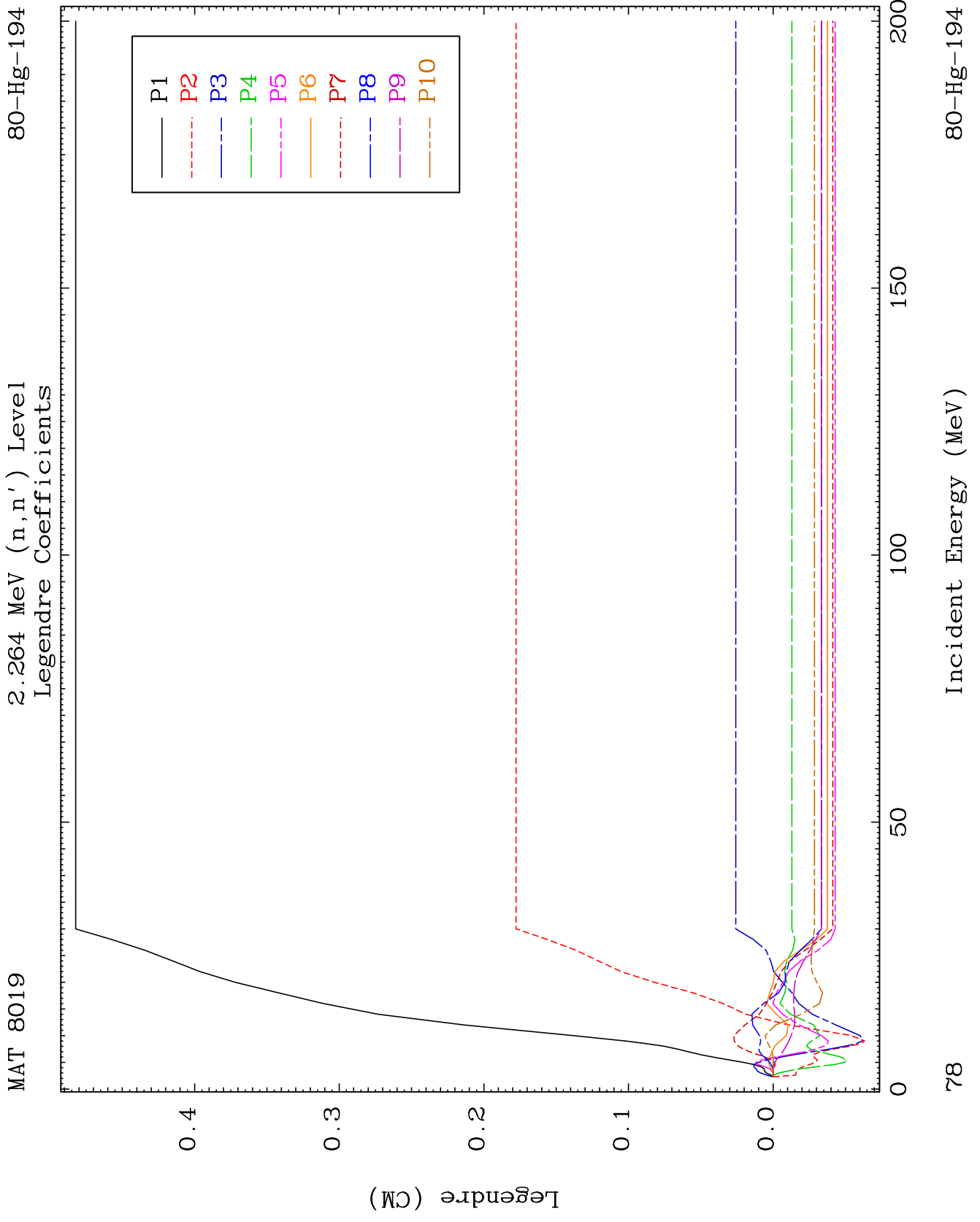








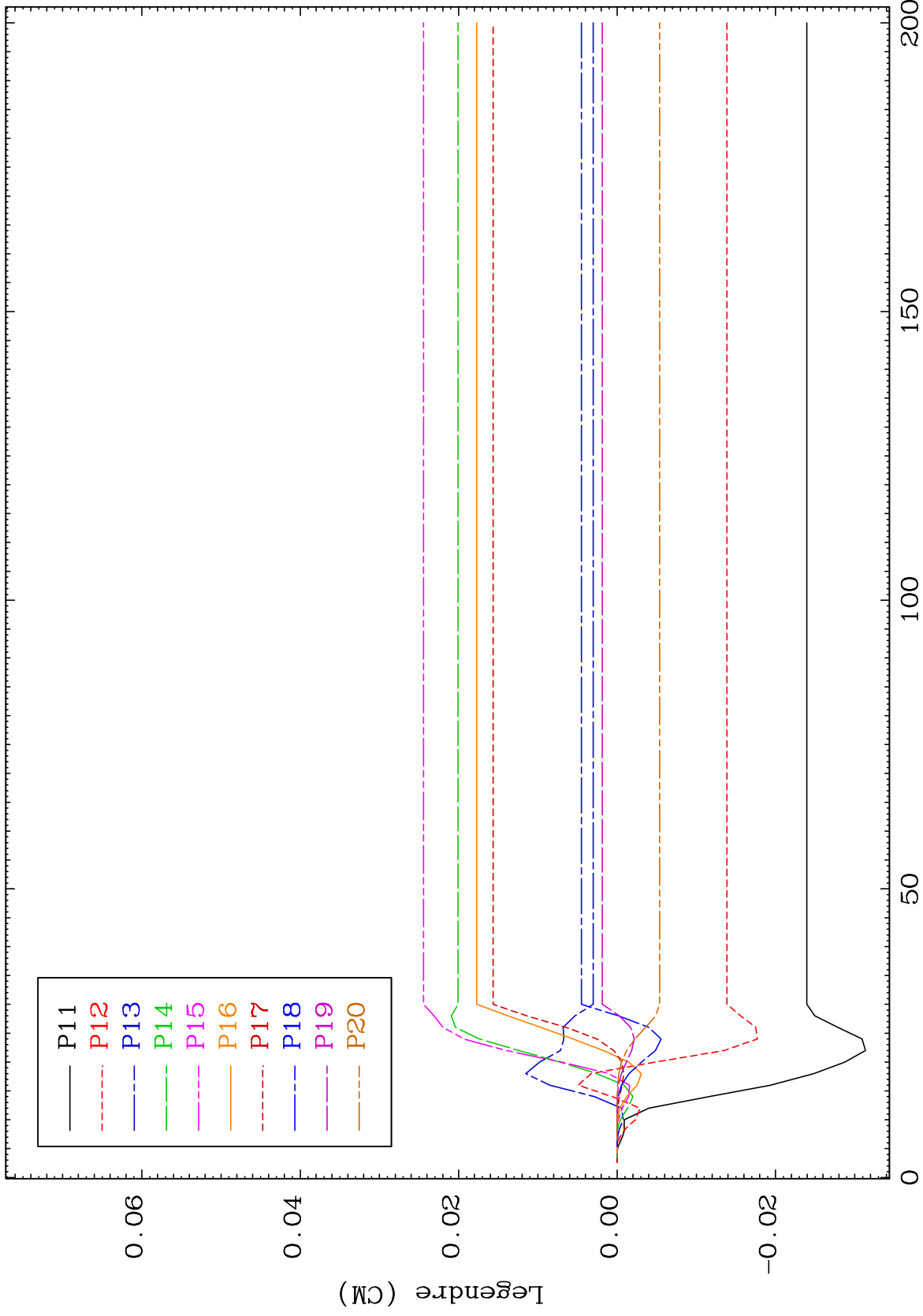




MAT 8019

2.264 MeV (n, n') Level
Legendre Coefficients

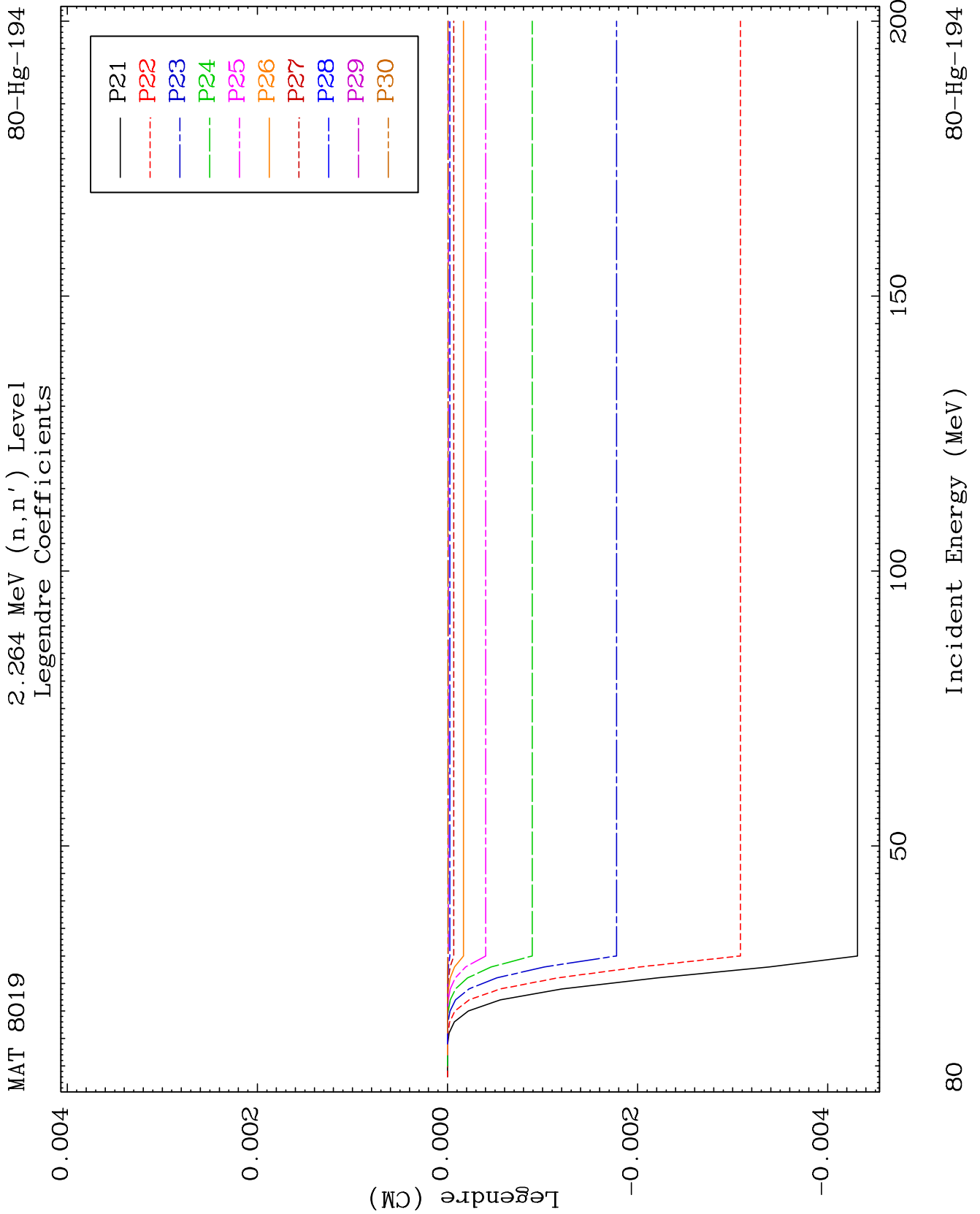
80-Hg-194

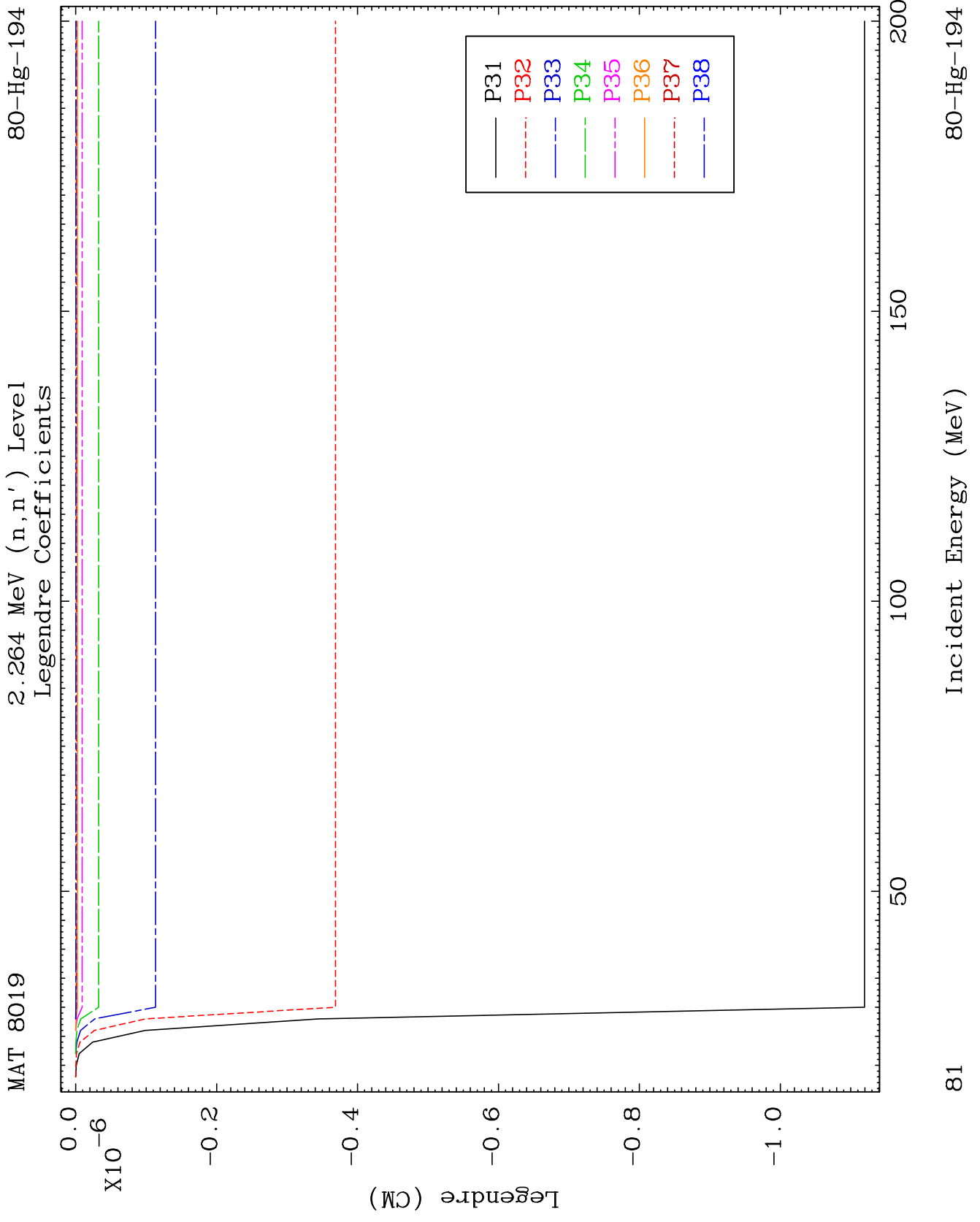


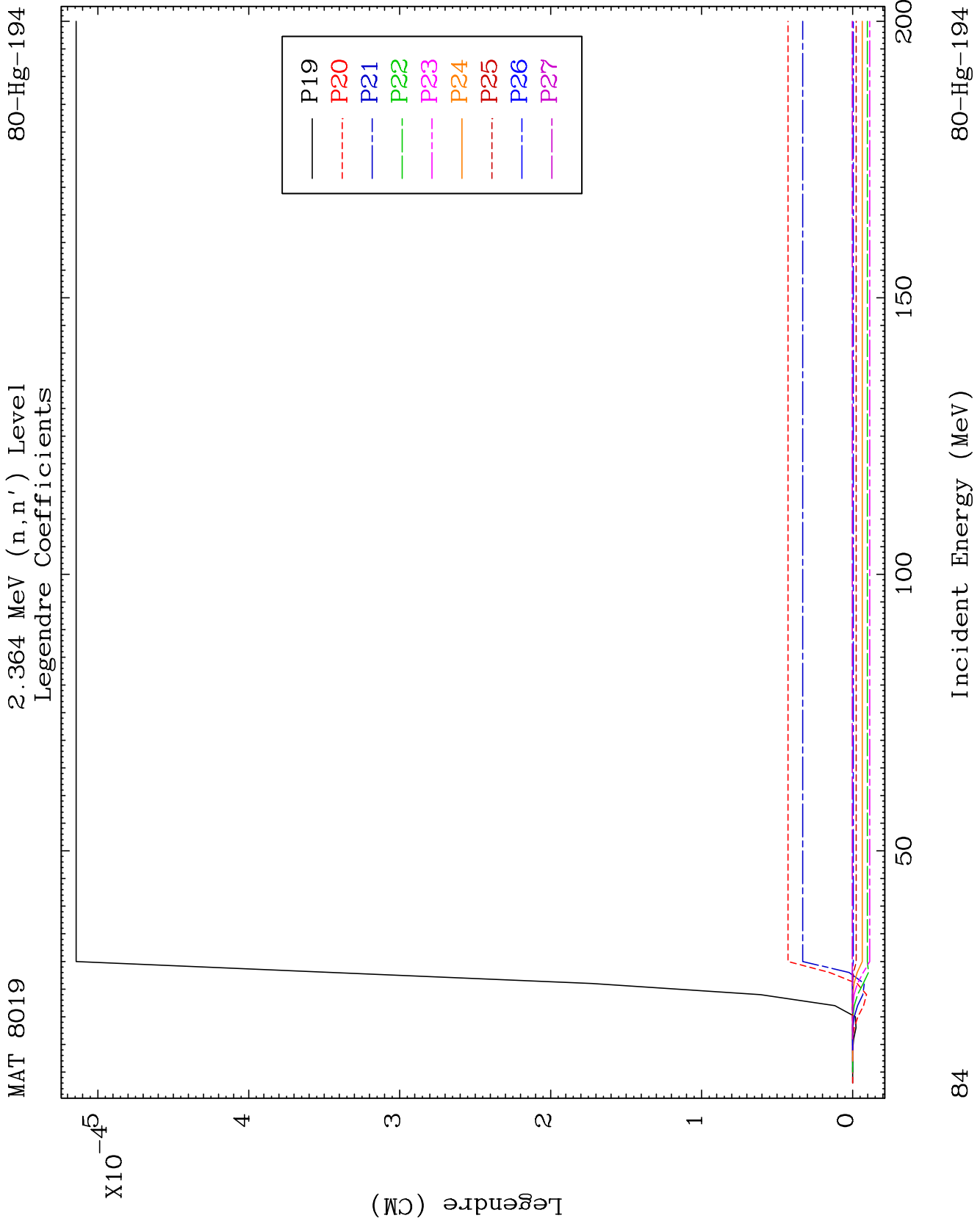
79

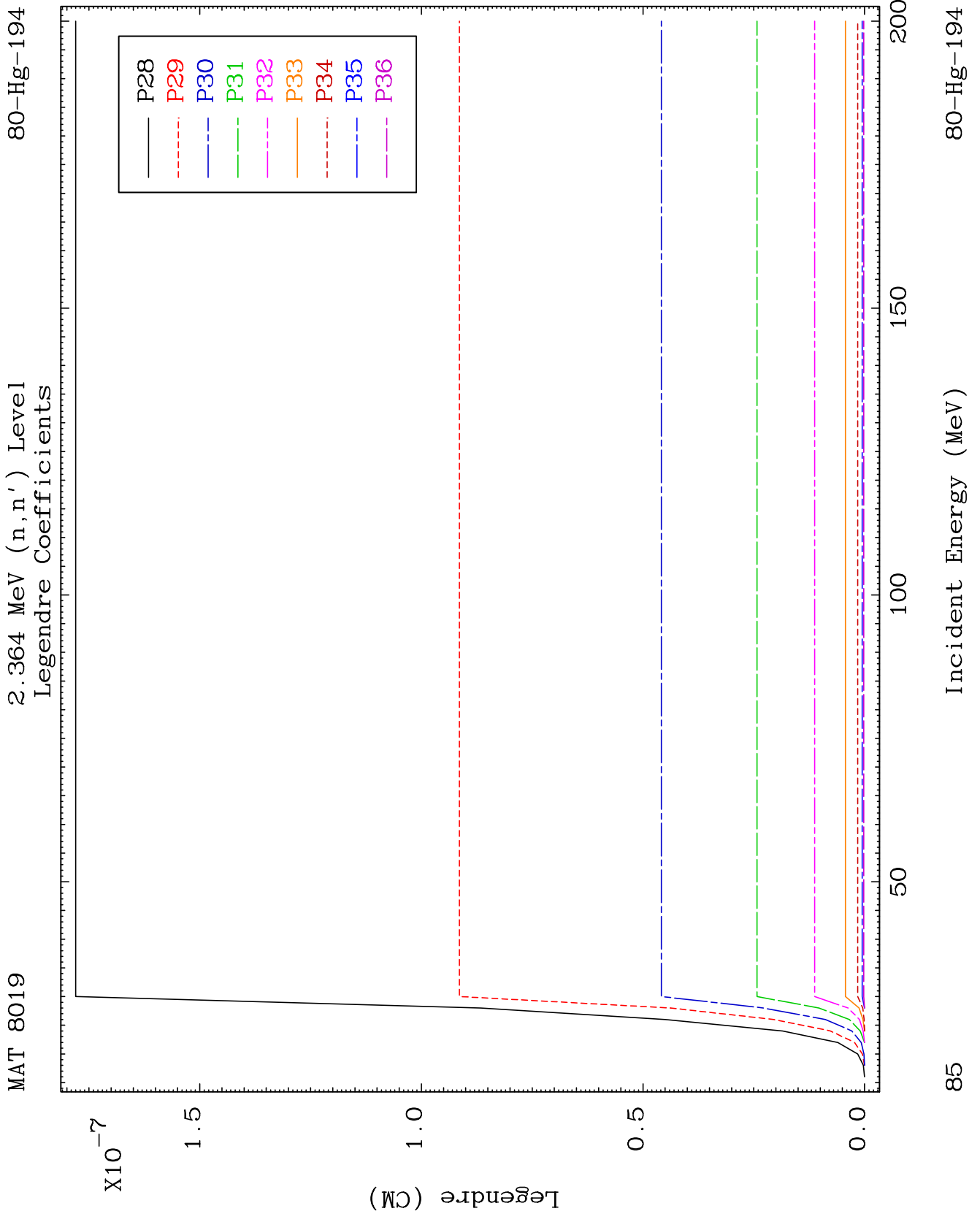
Incident Energy (MeV)

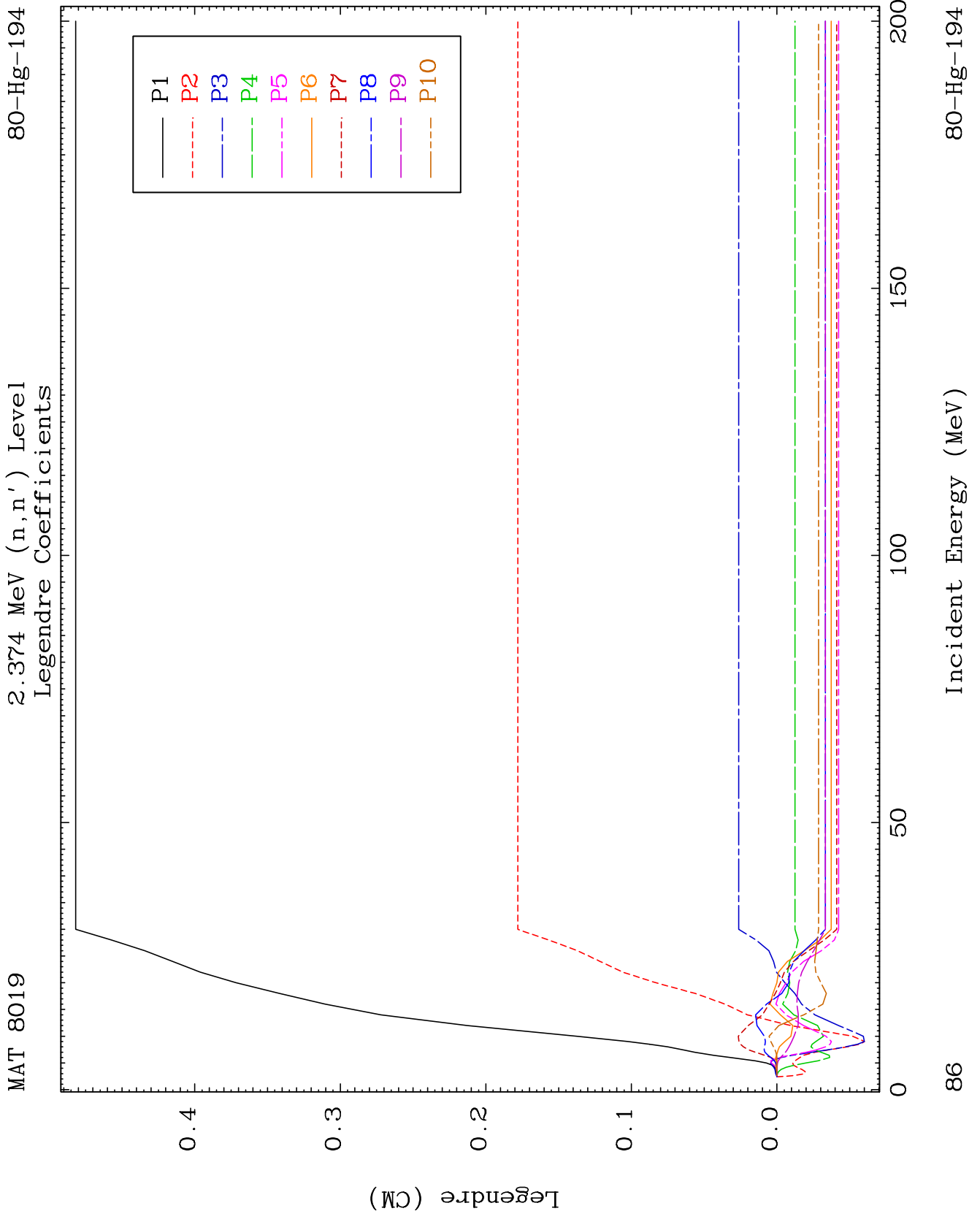
80-Hg-194







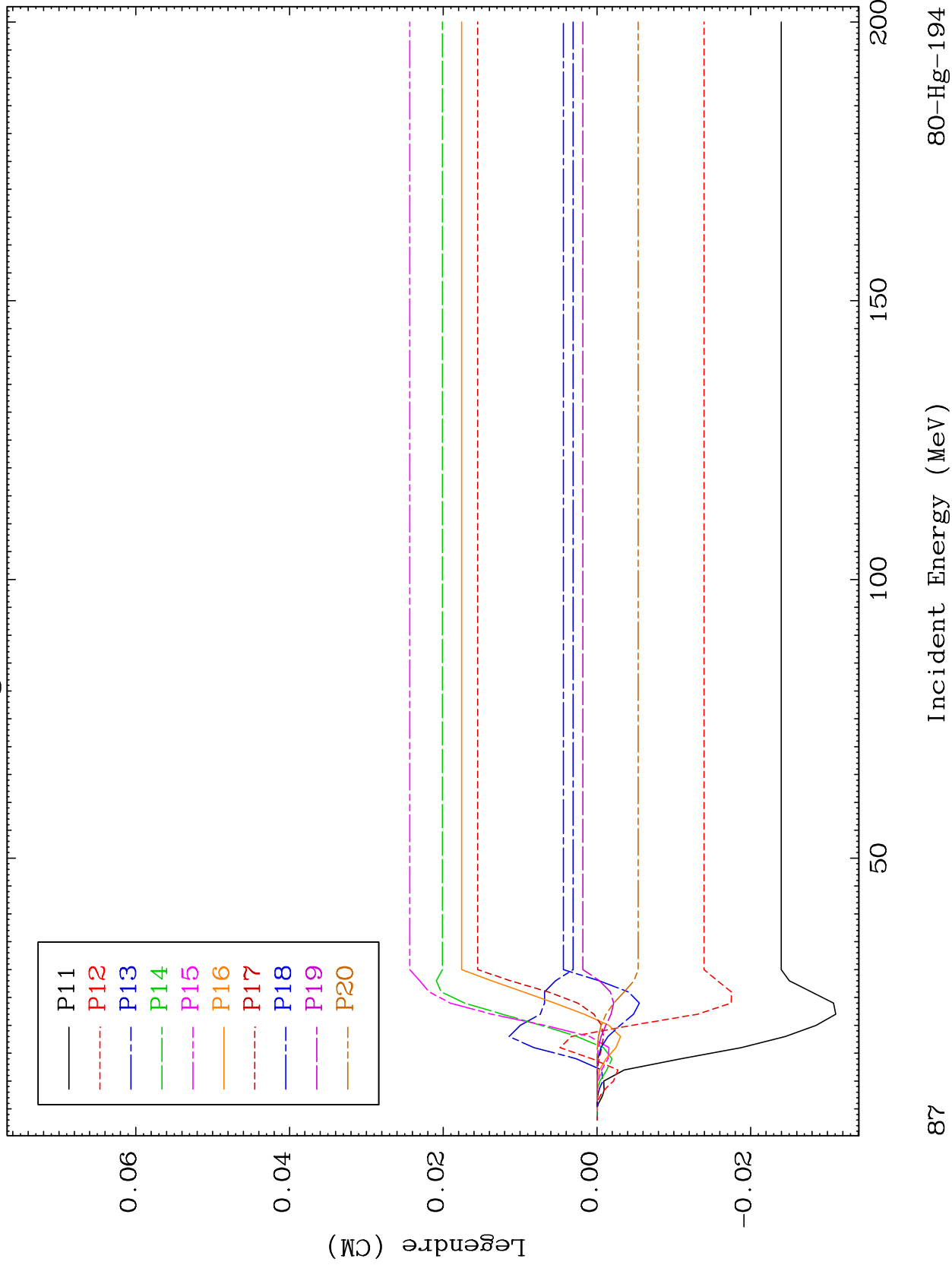




MAT 8019

2.374 MeV (n,n') Level
Legendre Coefficients

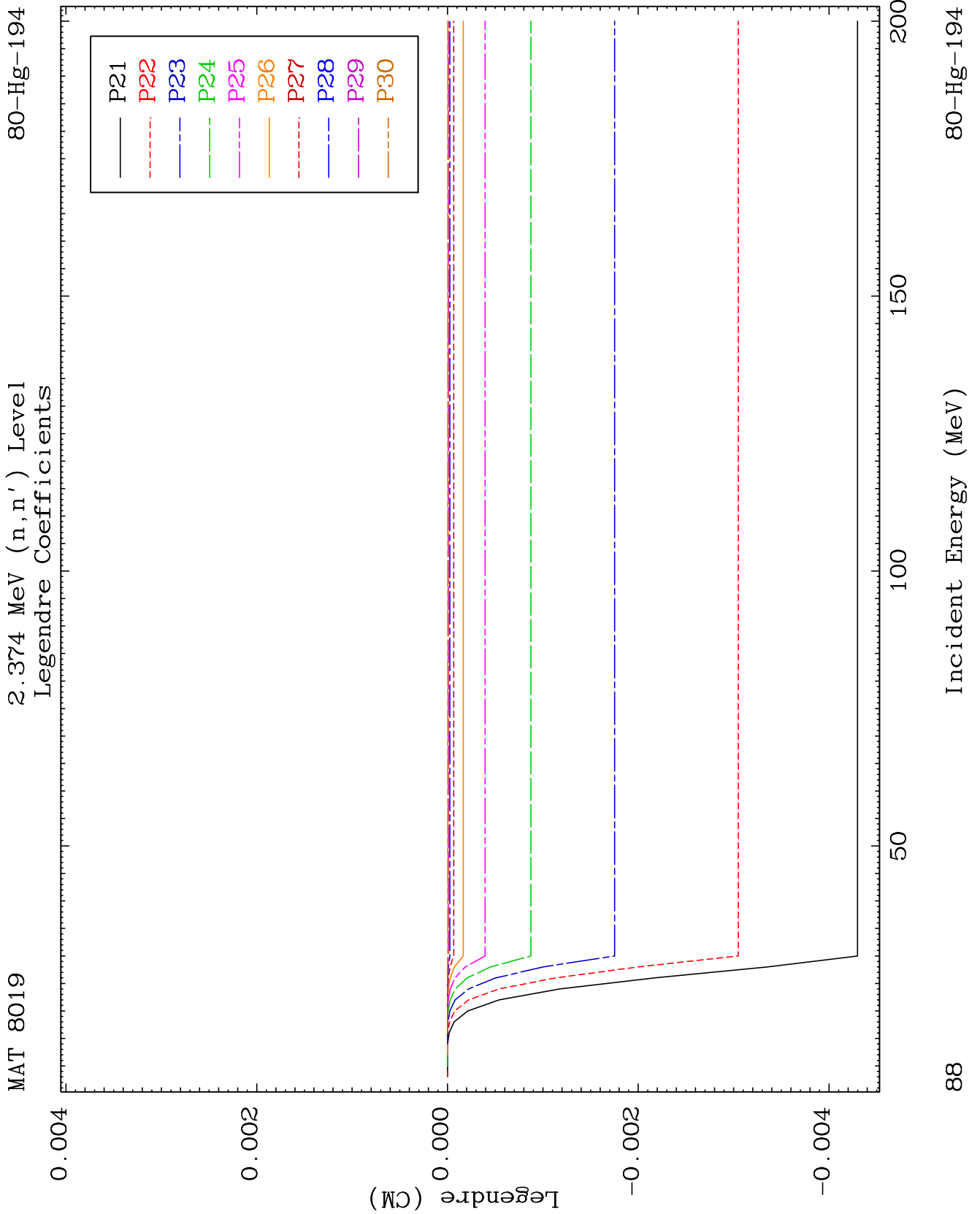
80-Hg-194

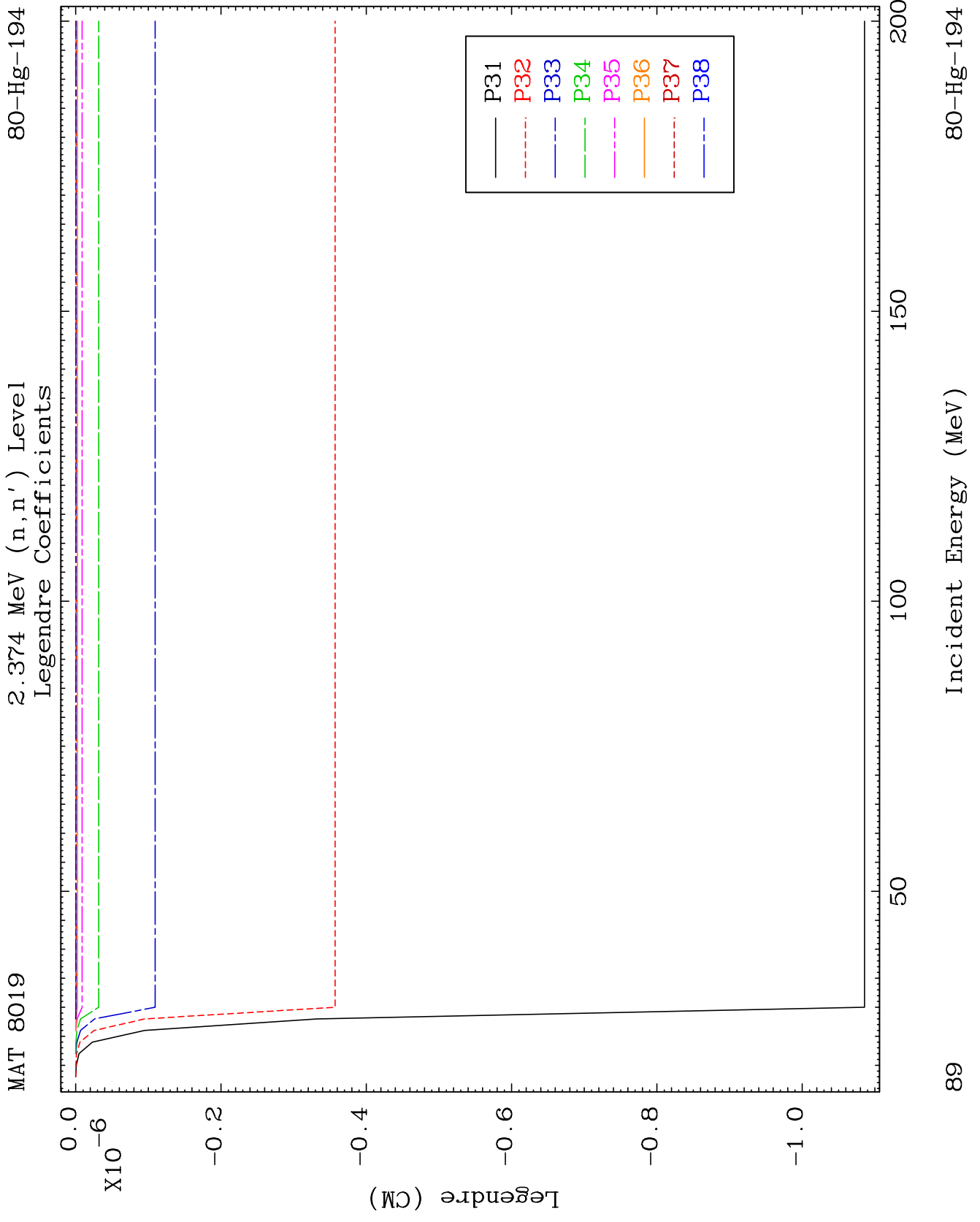


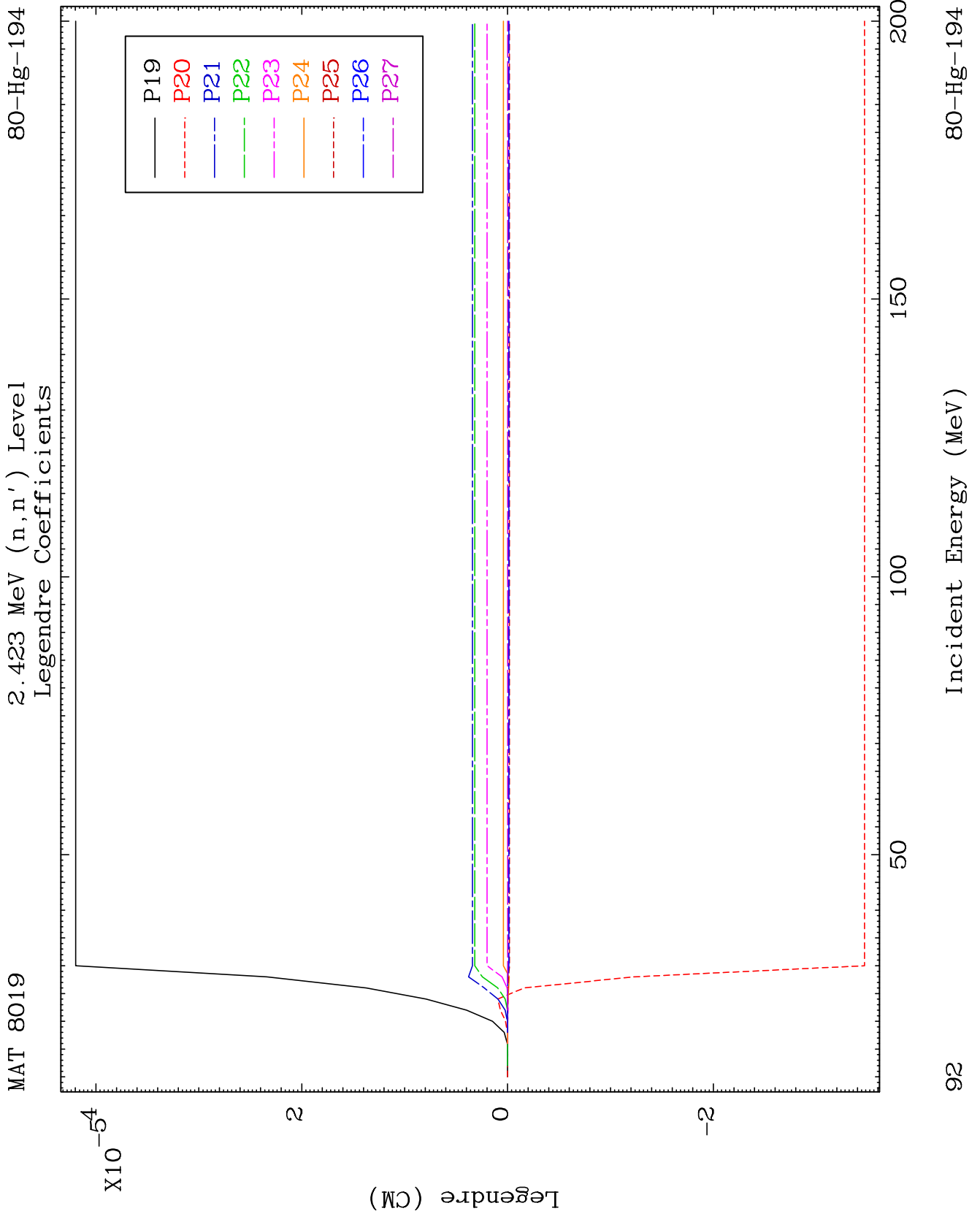
87

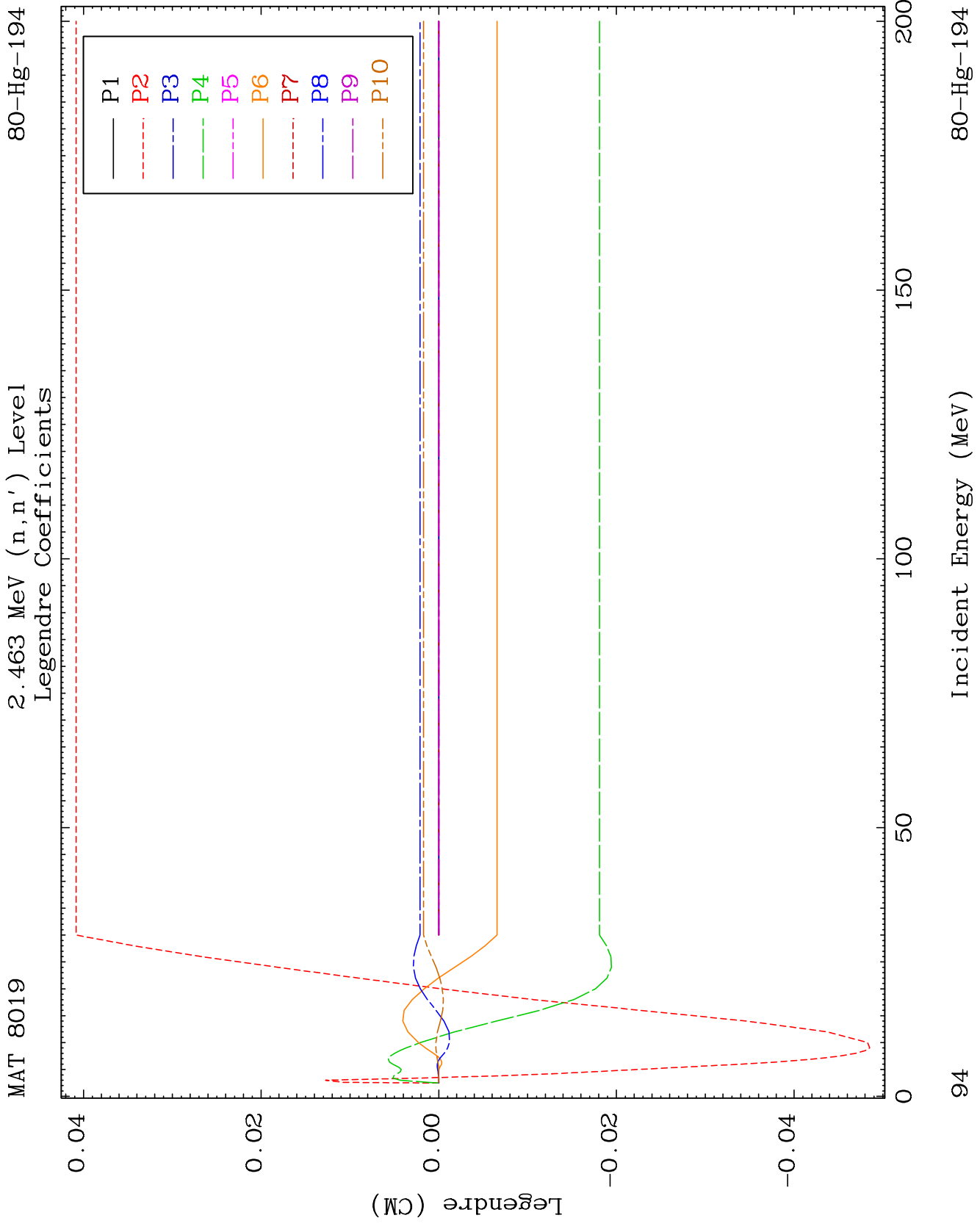
Incident Energy (MeV)

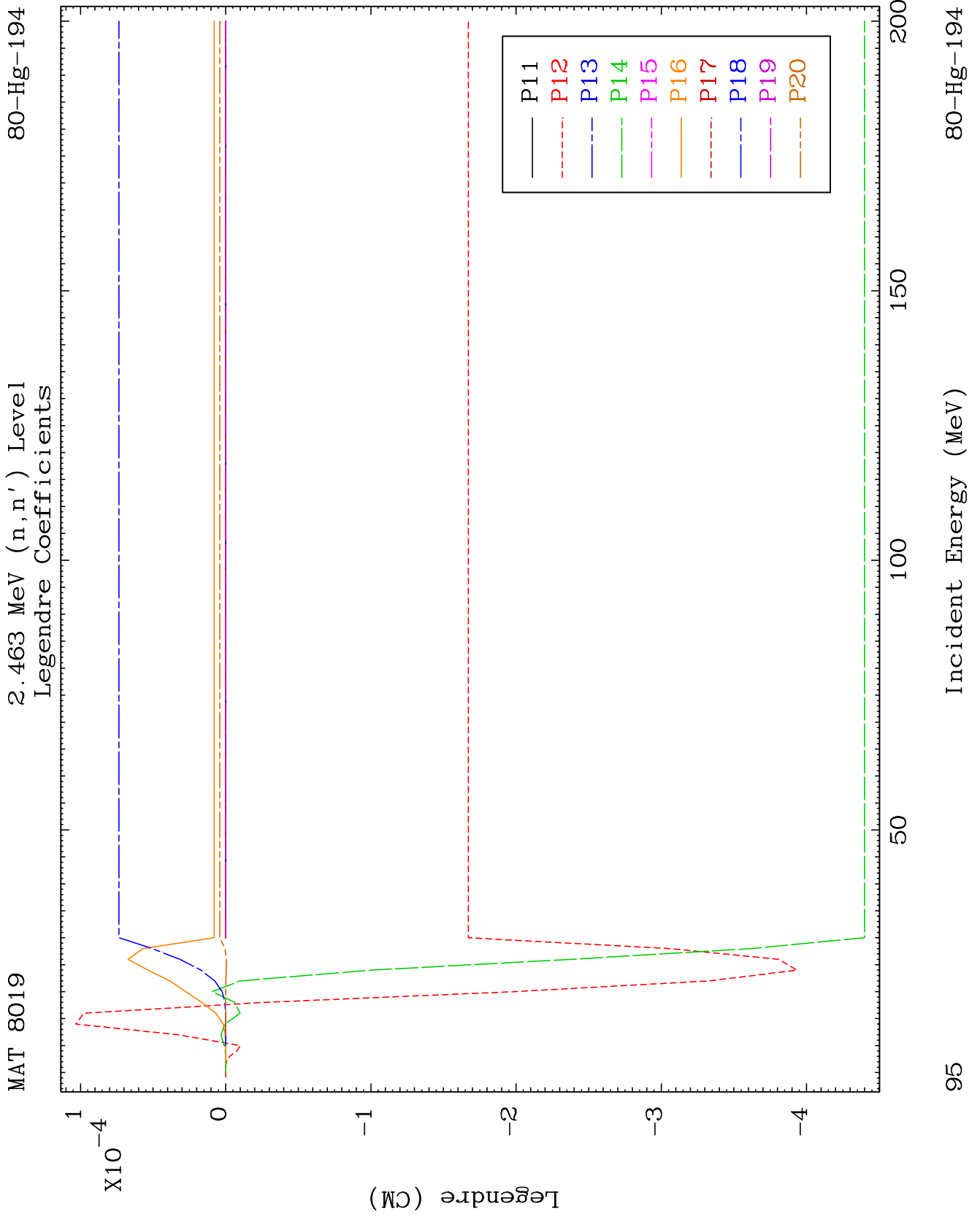
80-Hg-194

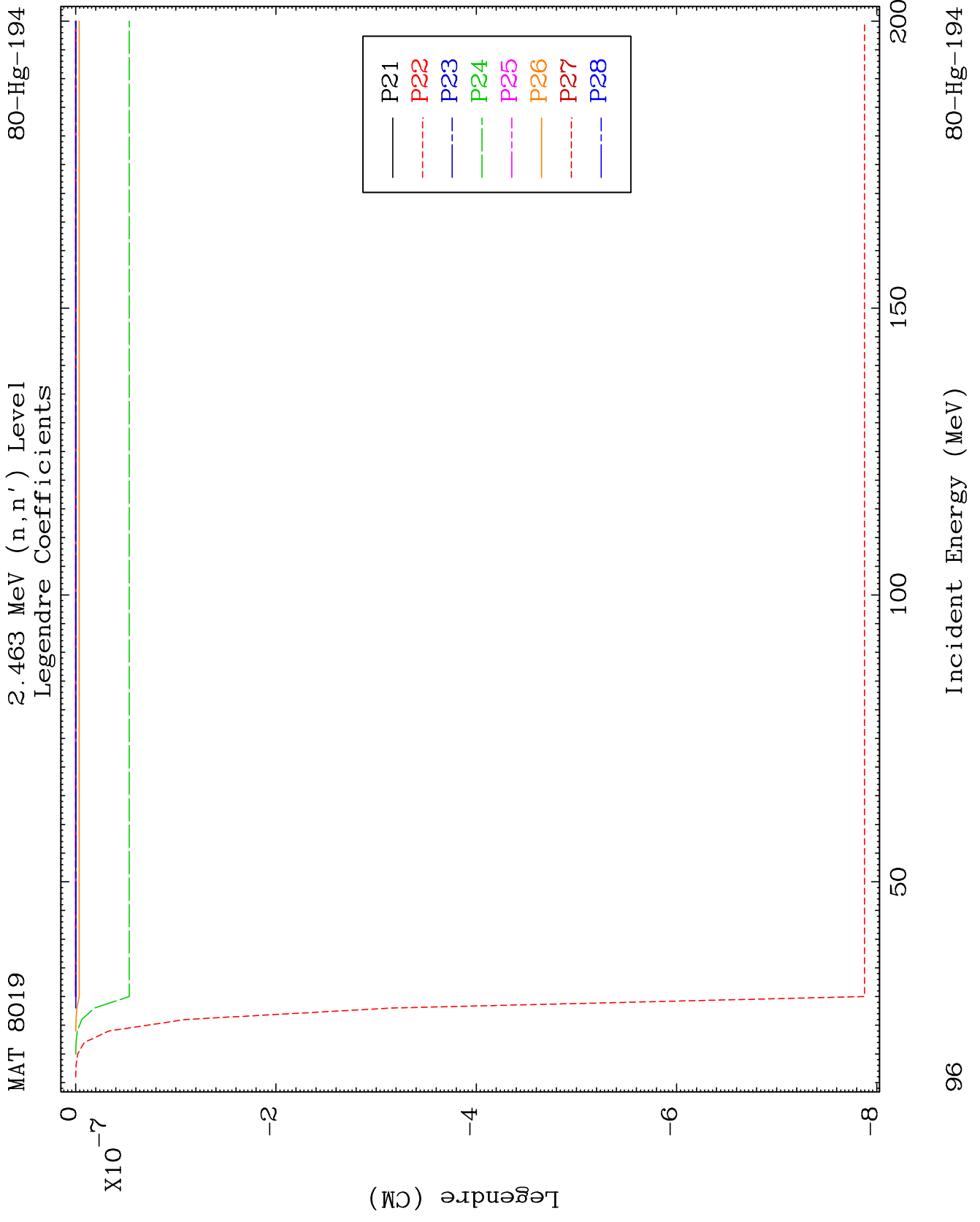








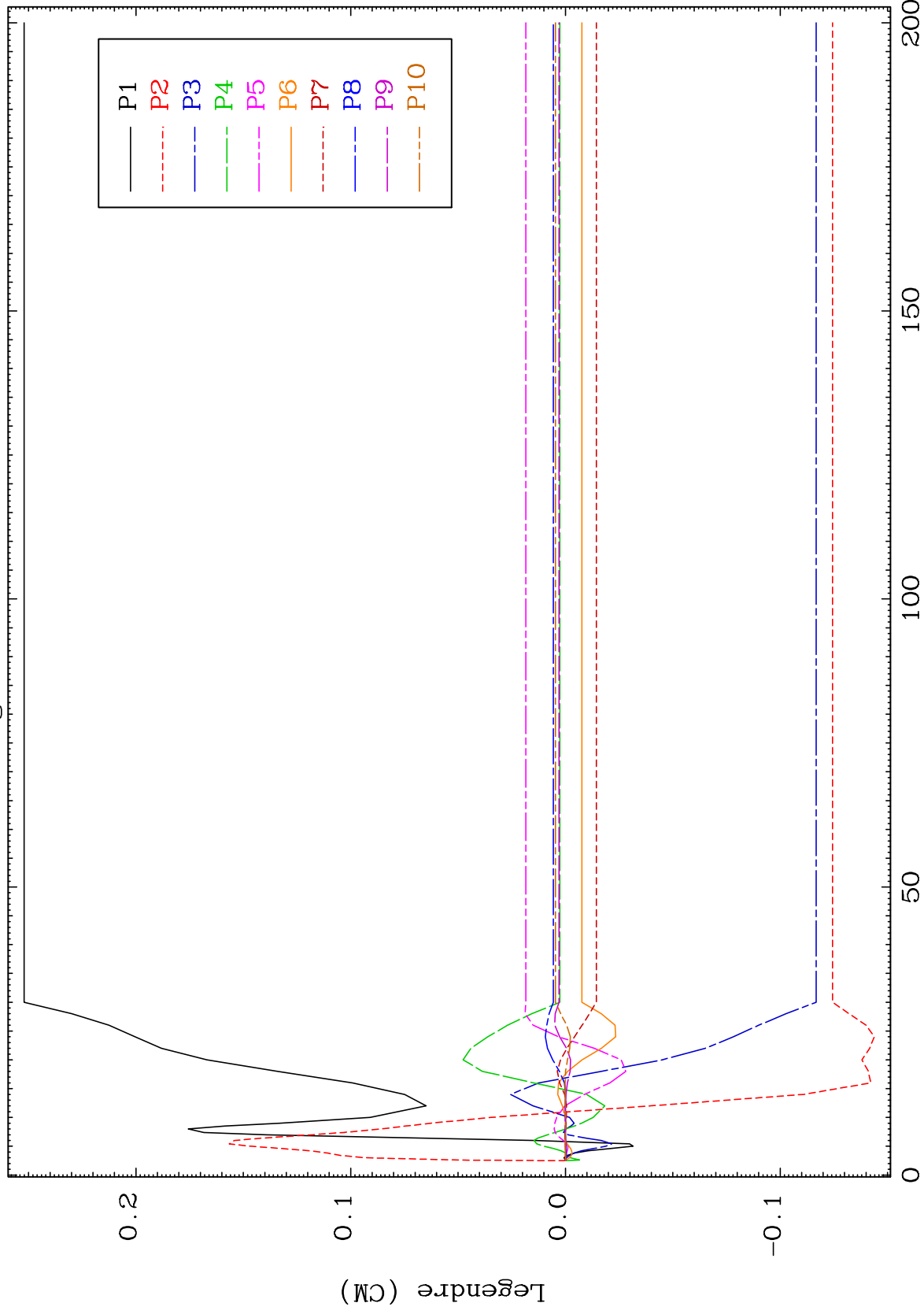




MAT 8019

2.475 MeV (n,n') Level
Legendre Coefficients

80-Hg-194



97

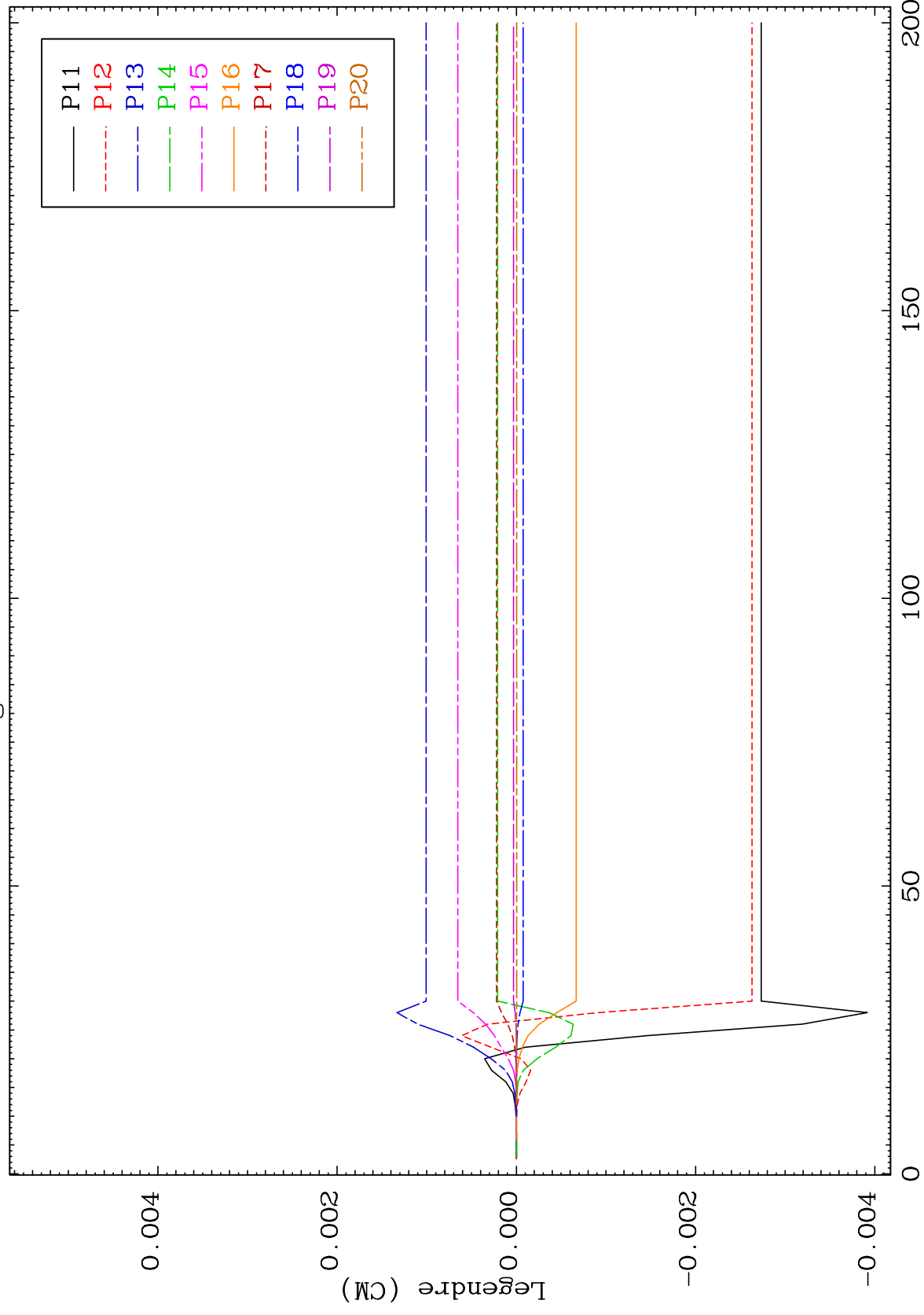
Incident Energy (MeV)

80-Hg-194

MAT 8019

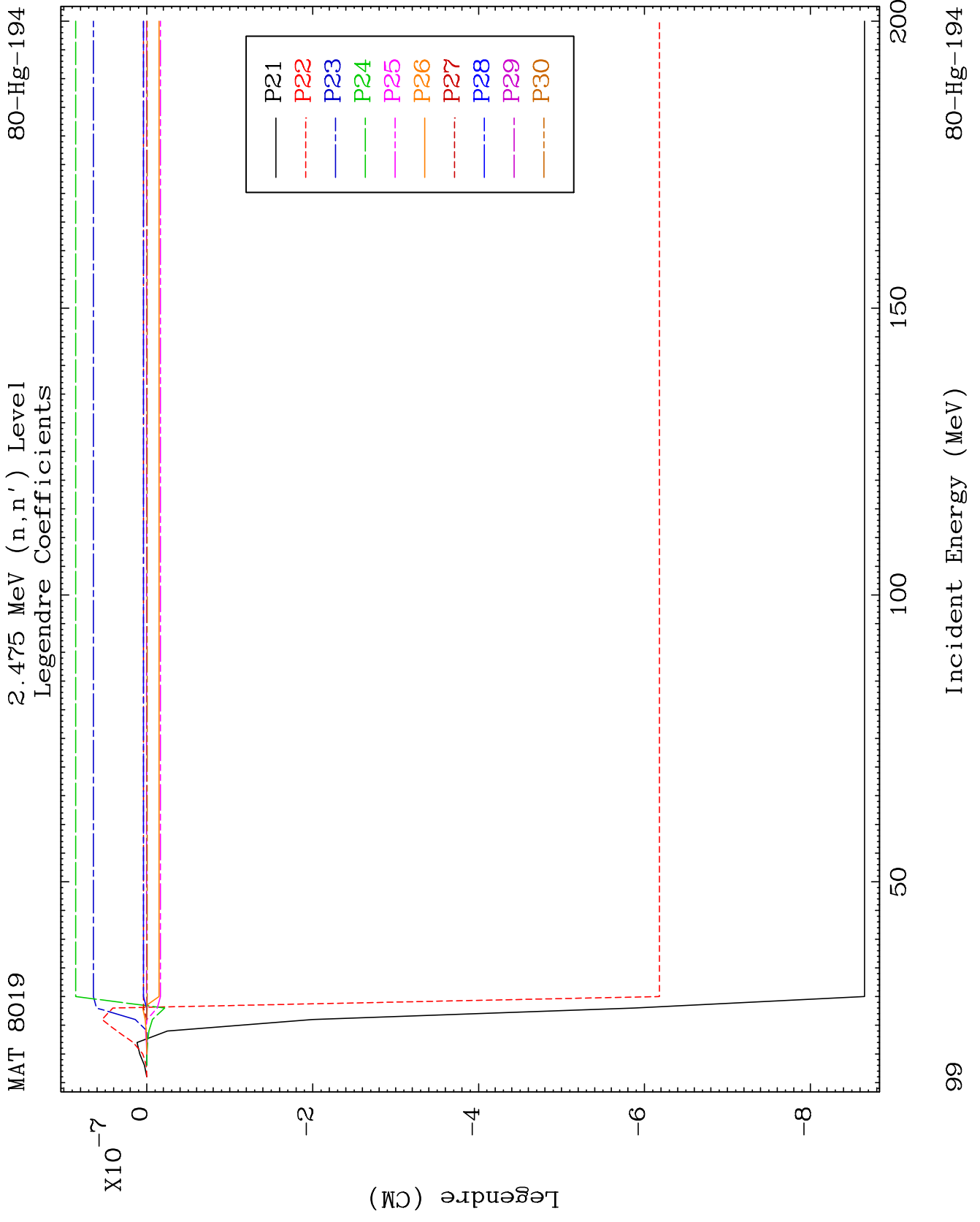
2.475 MeV (n,n') Level
Legendre Coefficients

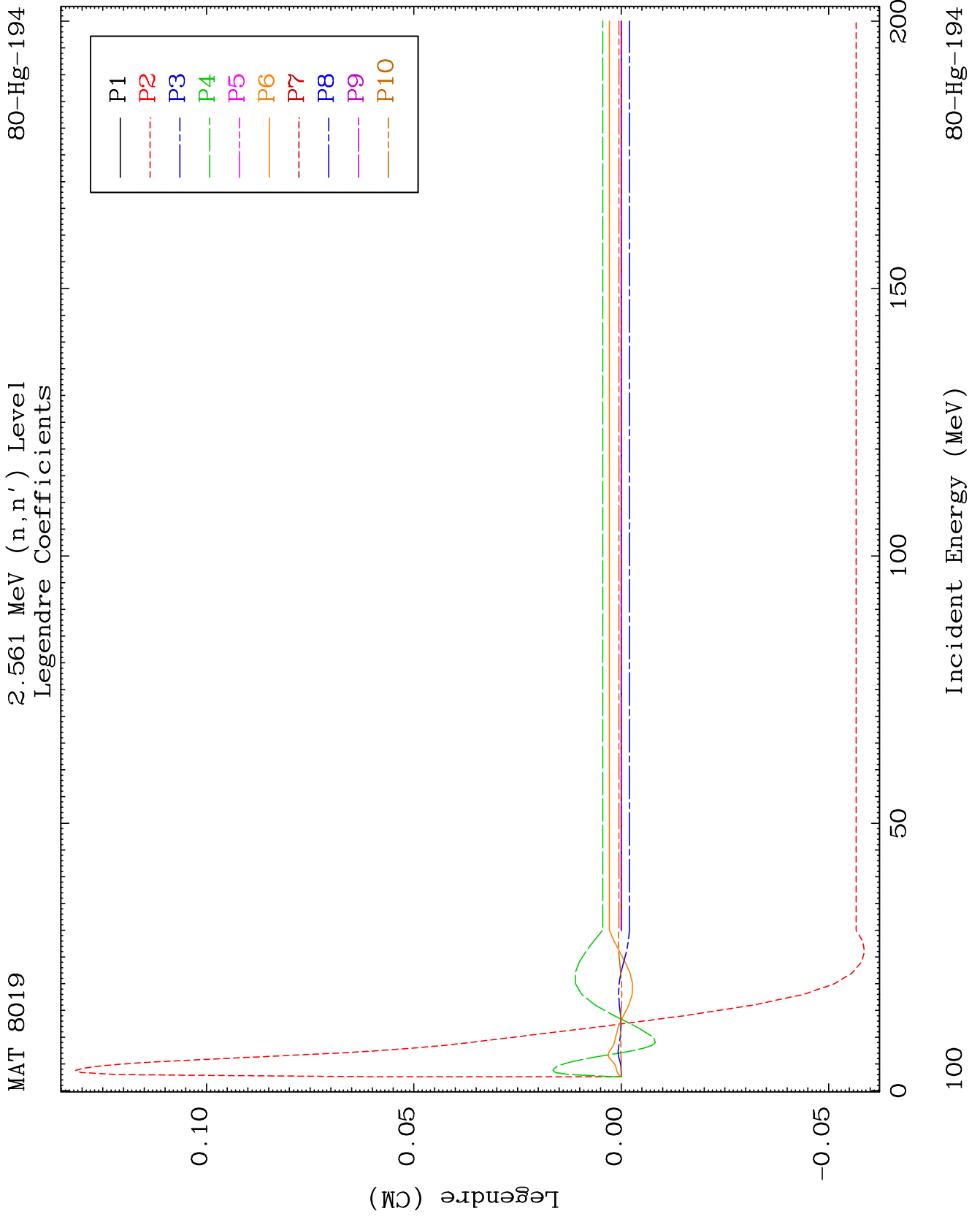
80-Hg-194

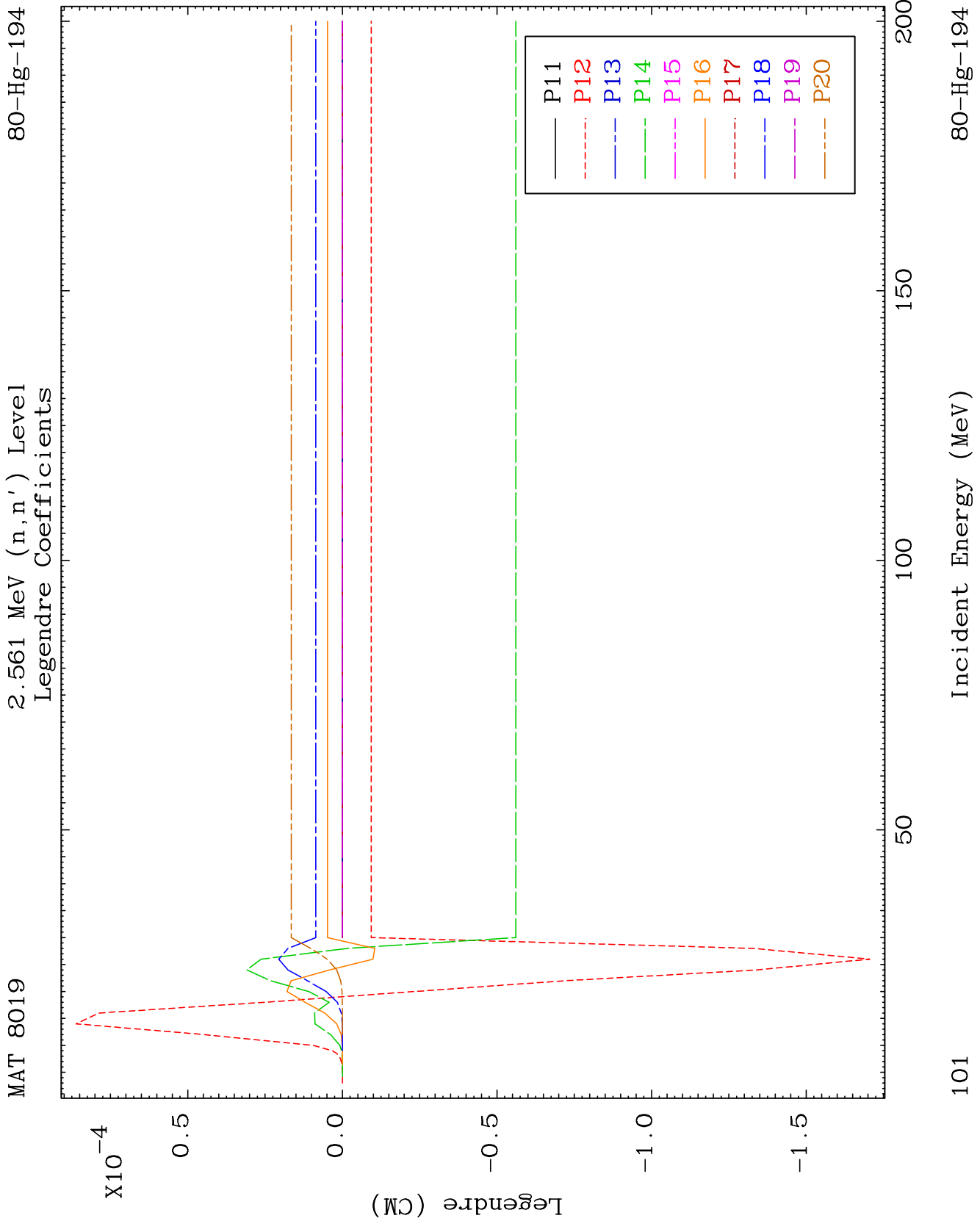


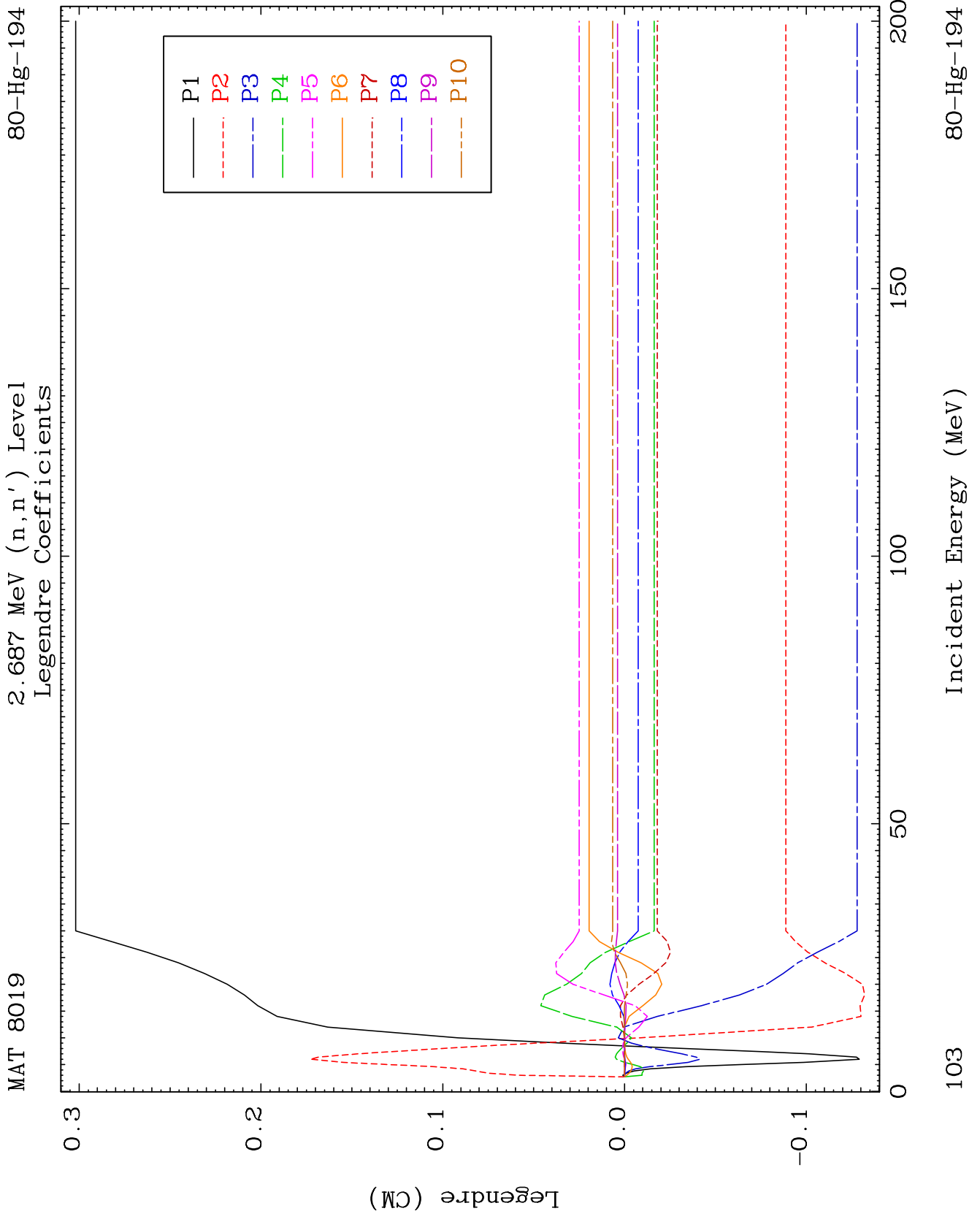
98

80-Hg-194





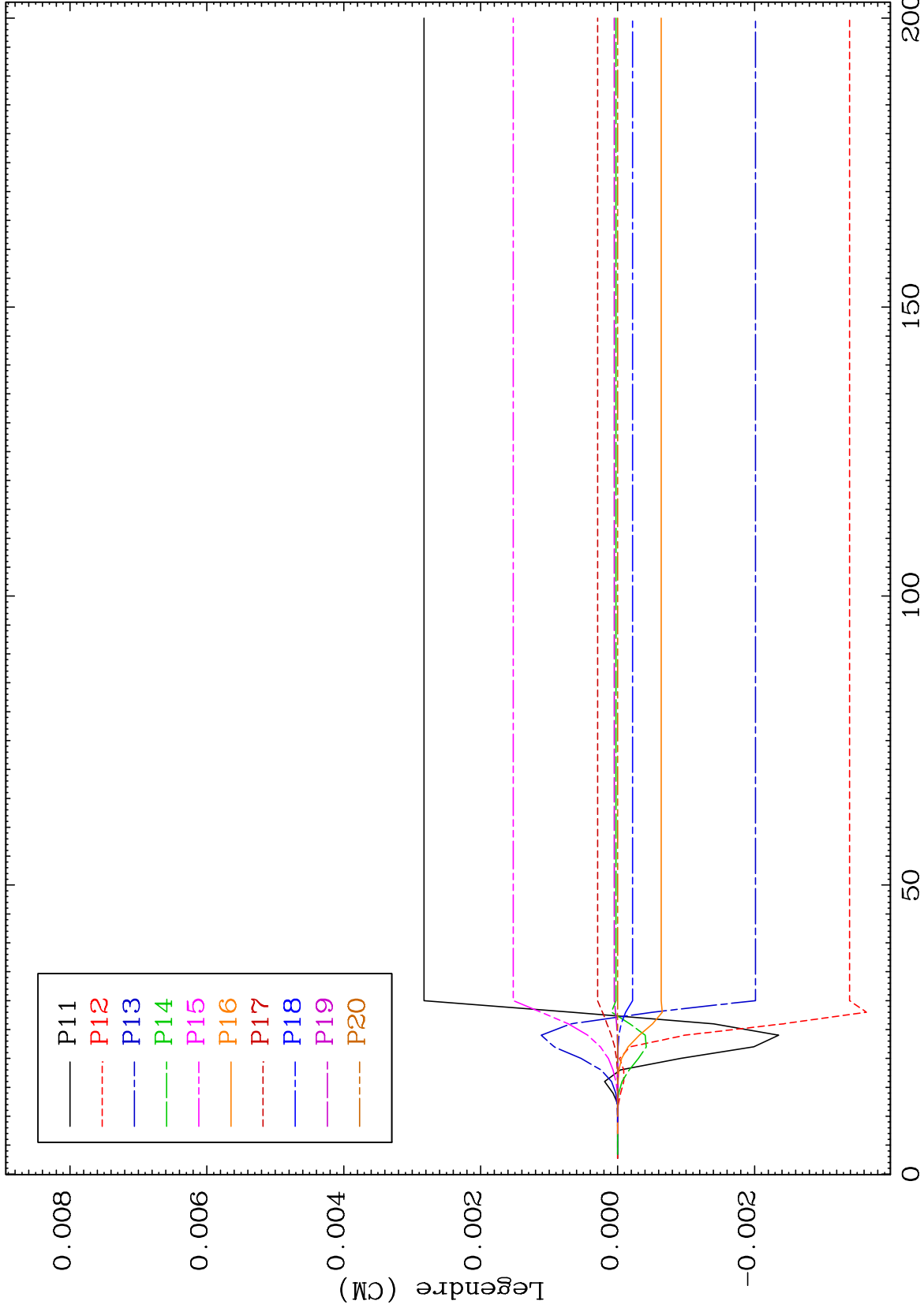




MAT 8019

2.687 MeV (n, n') Level
Legendre Coefficients

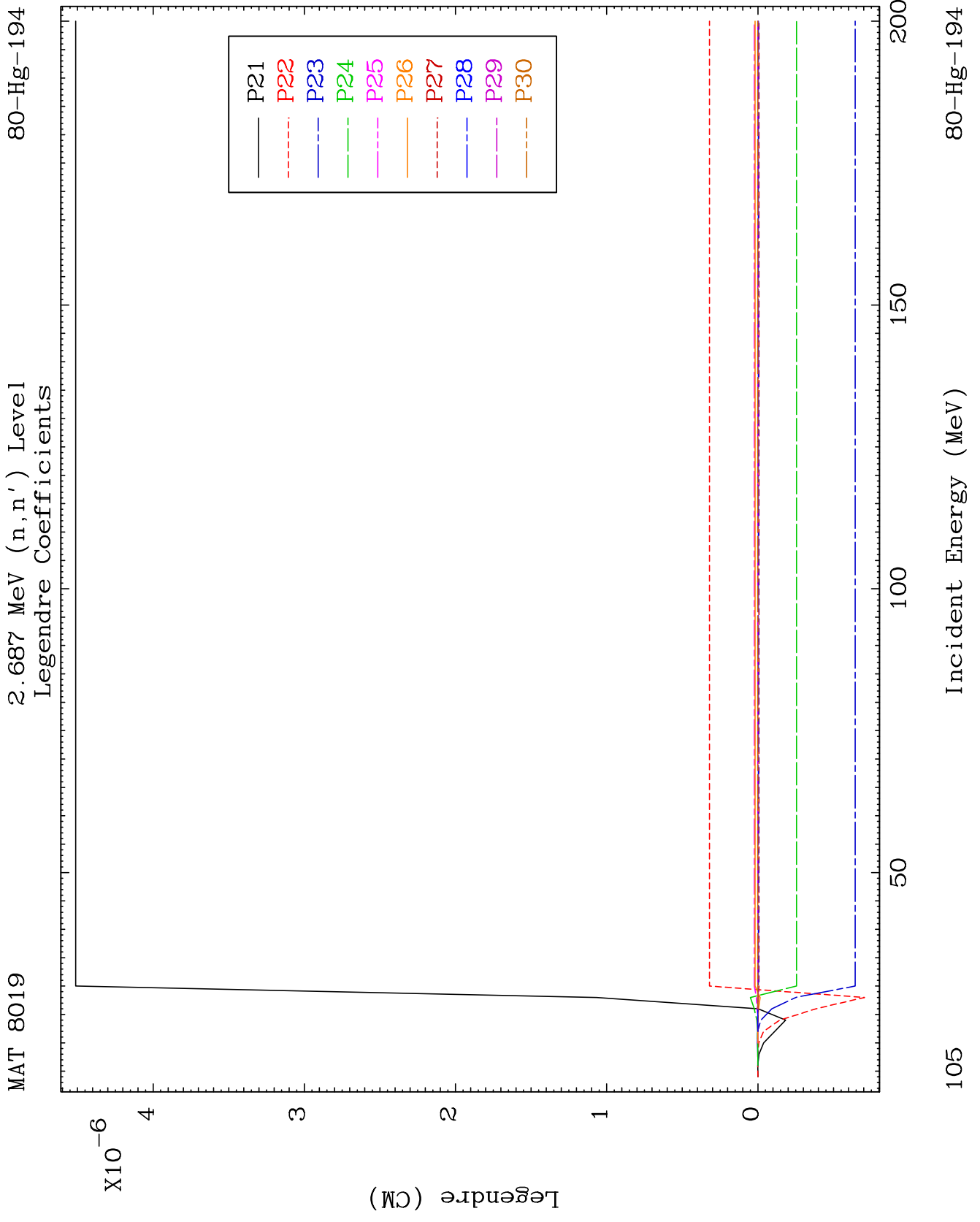
80-Hg-194

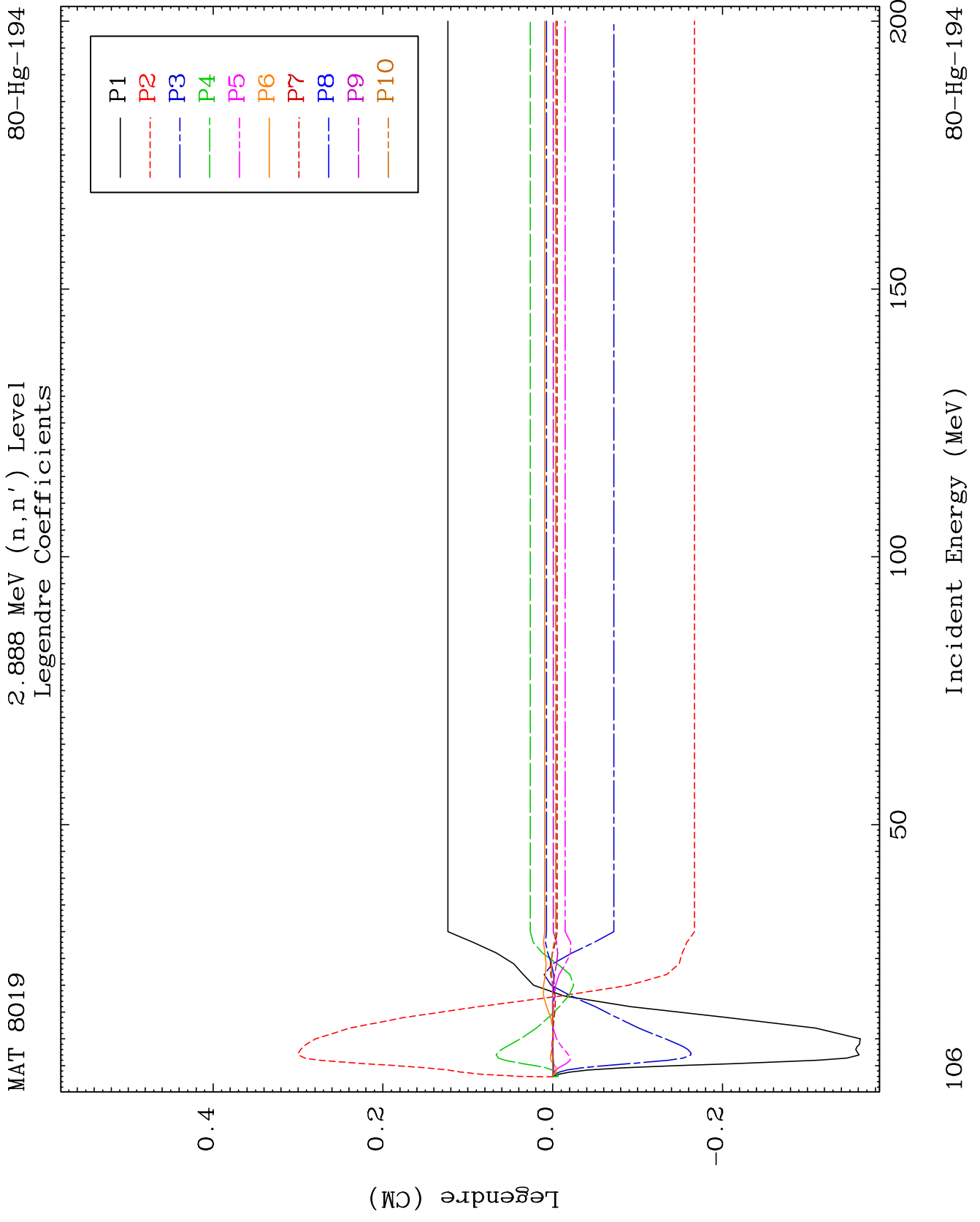


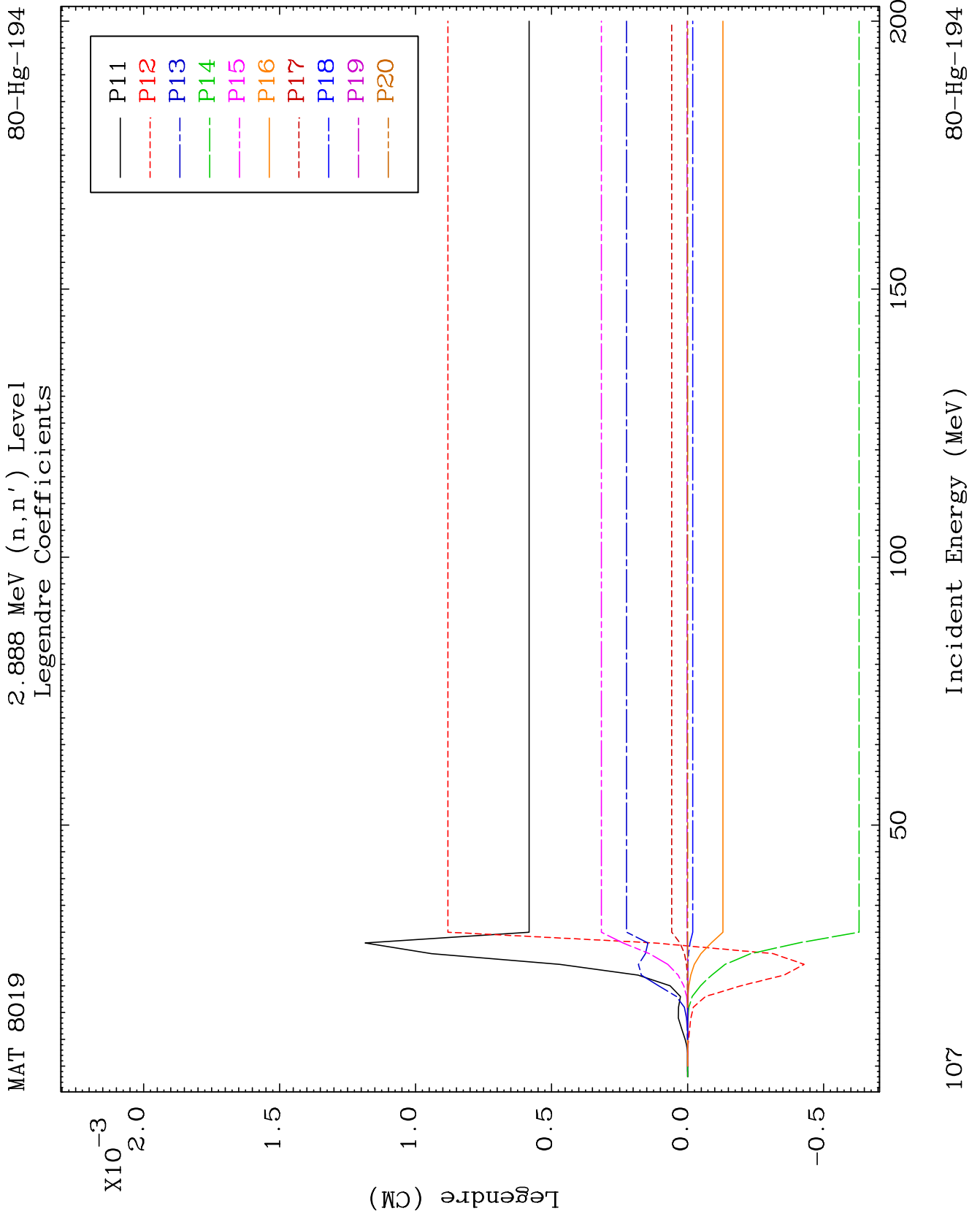
104

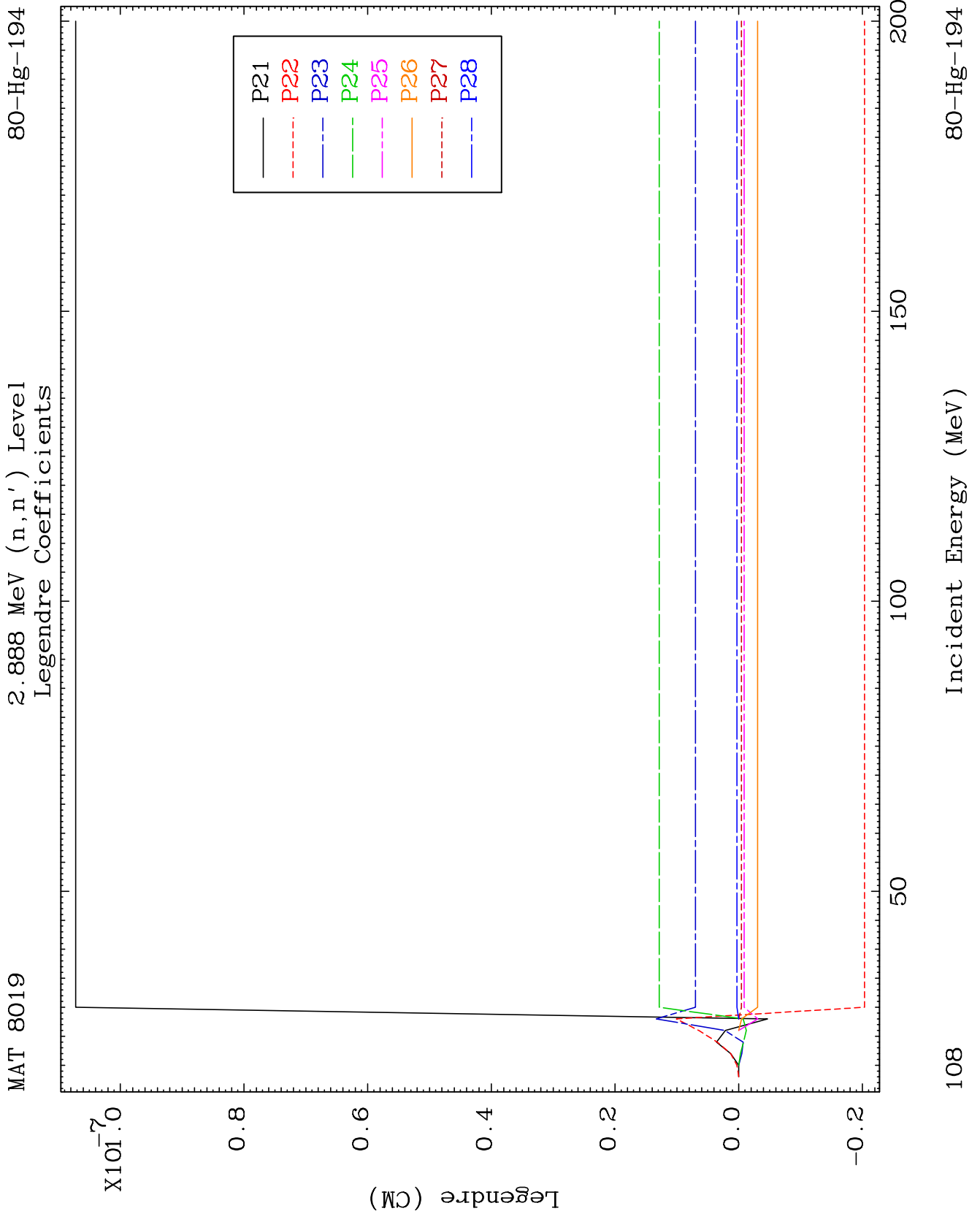
Incident Energy (MeV)

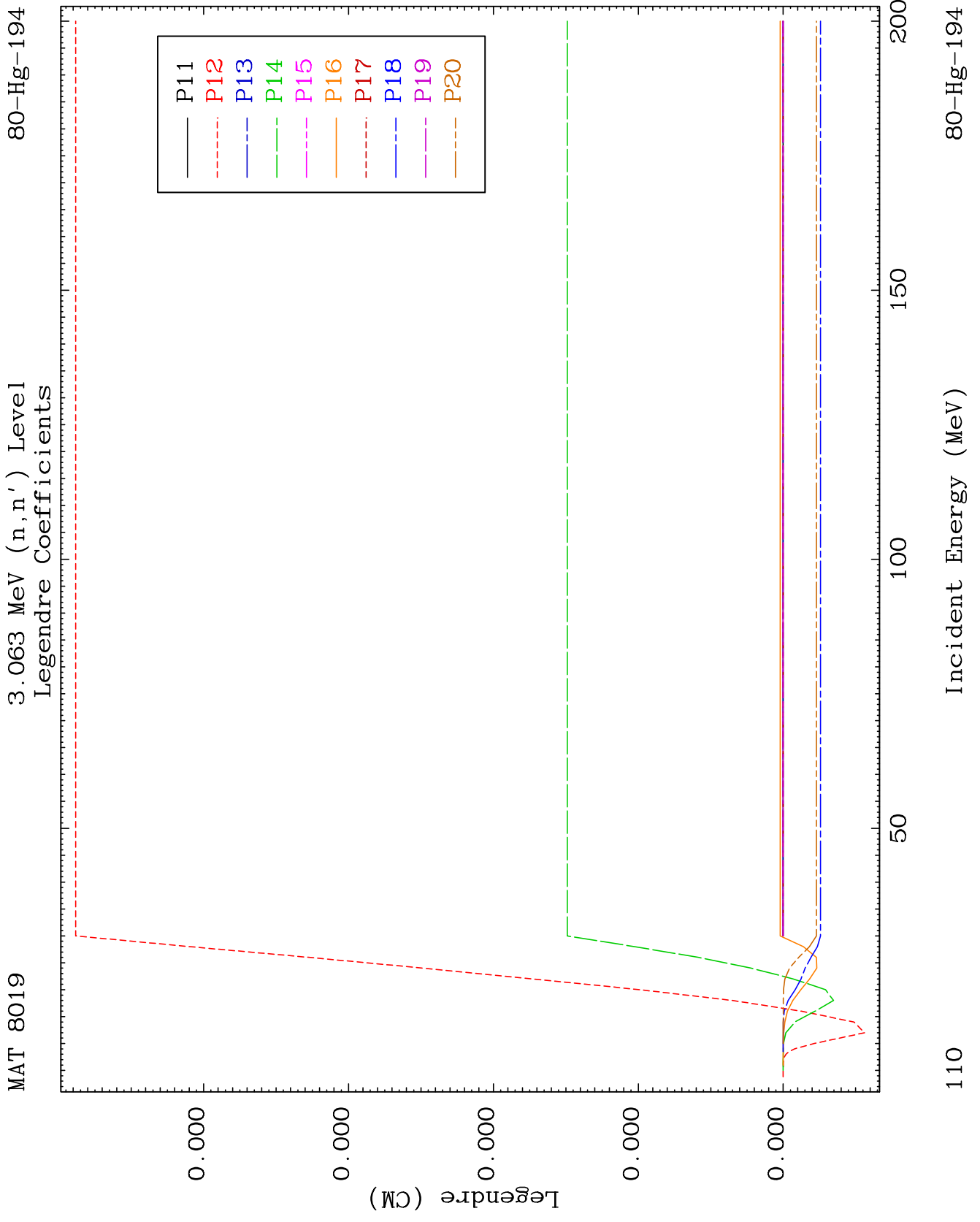
80-Hg-194









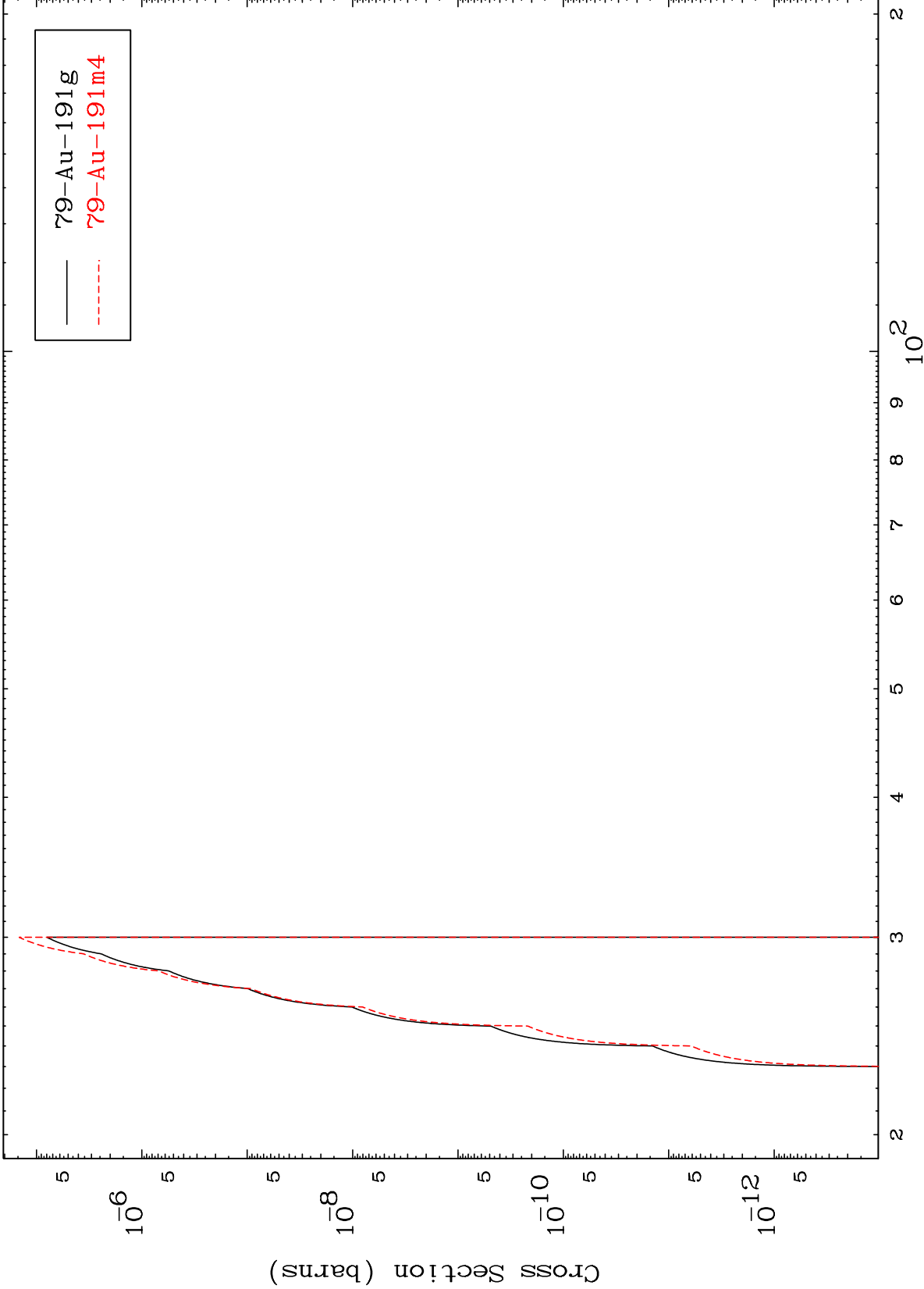


MAT 8019

(n,2n) d

80-Hg-194

Radionuclide Production Cross Section



112

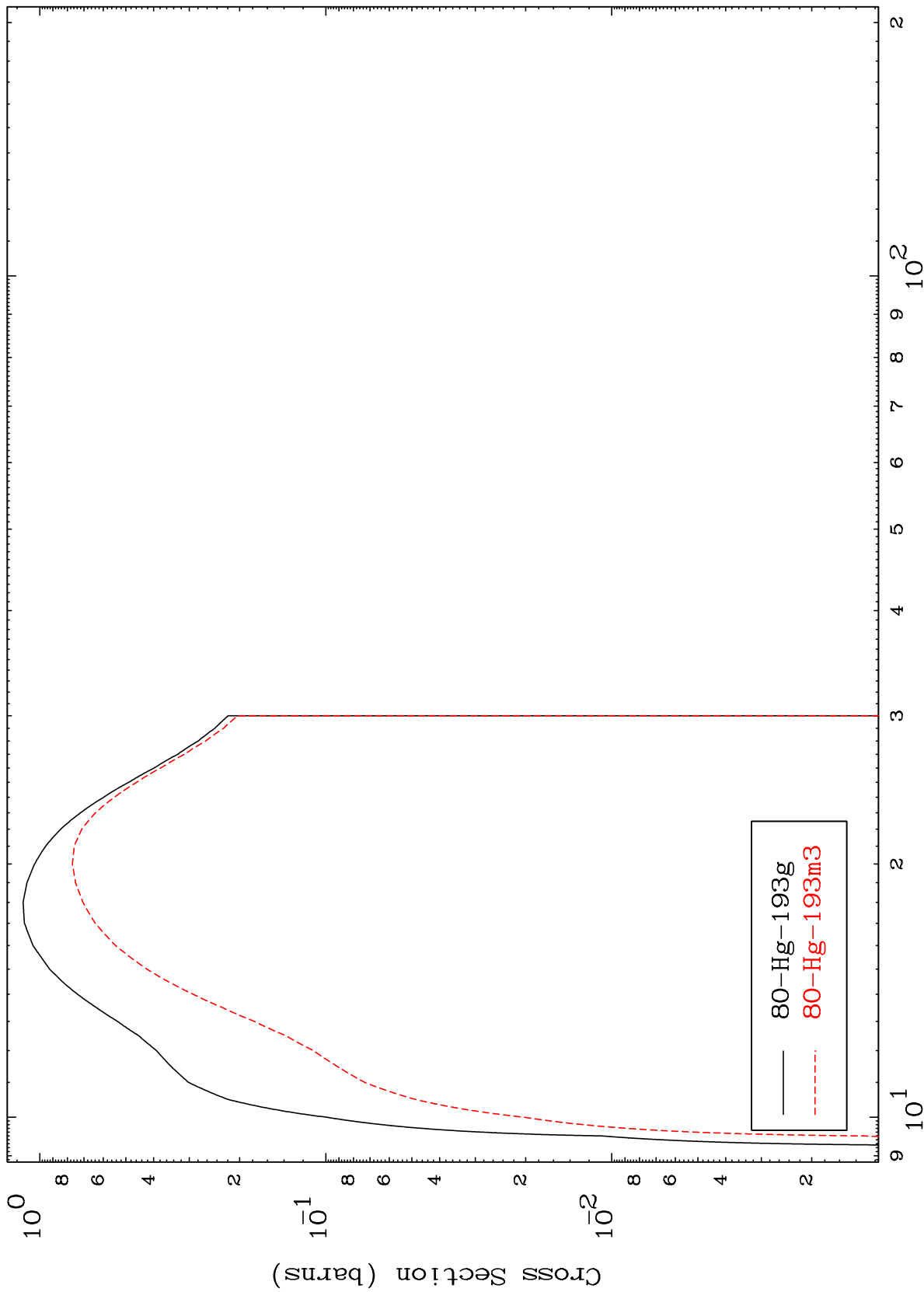
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

Radionuclide Production Cross Section
(n,2n)



80-Hg-193g
80-Hg-193m3

80-Hg-194

Incident Energy (MeV)

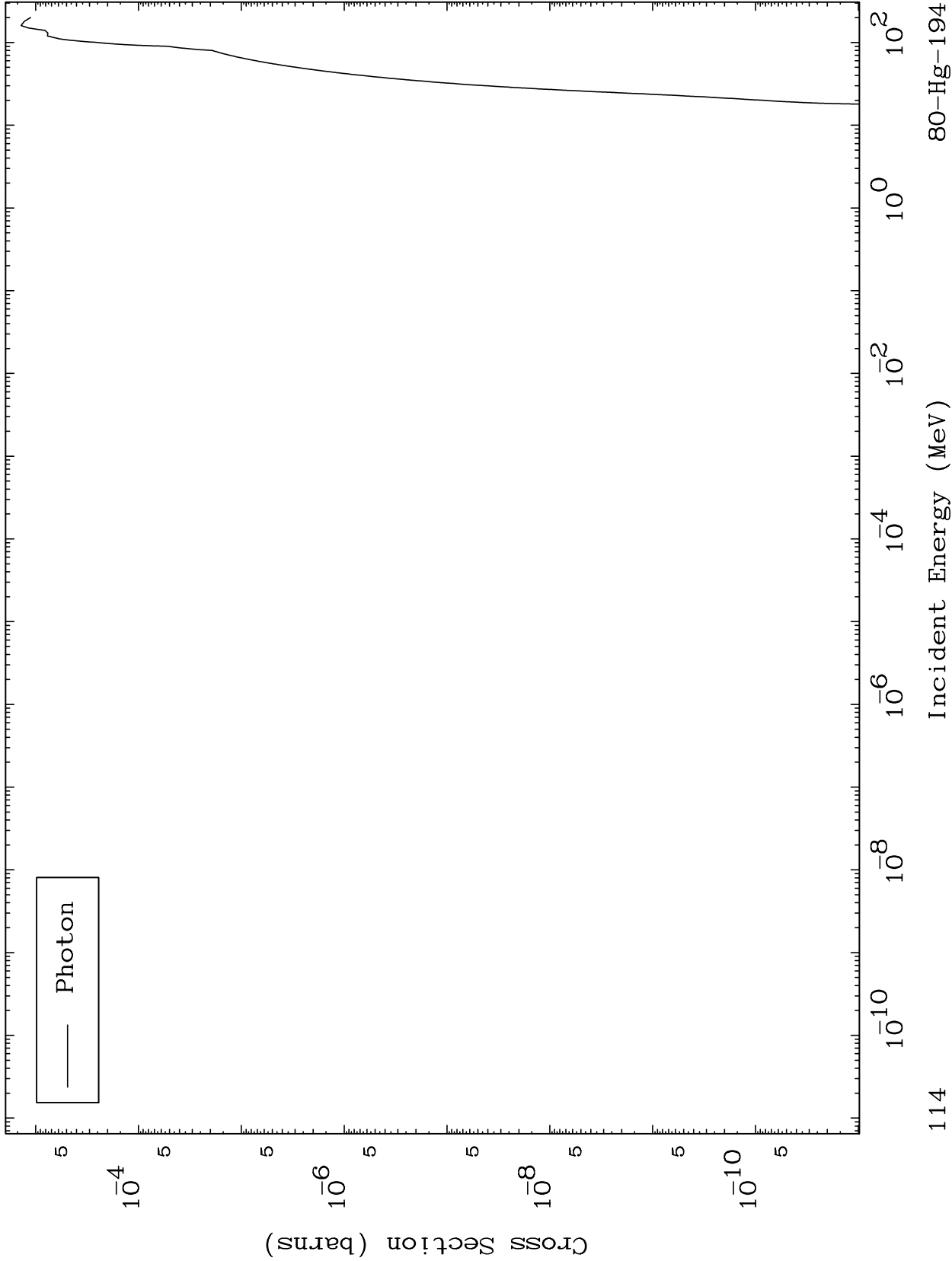
113

MAT 8019

Fission

80-Hg-194

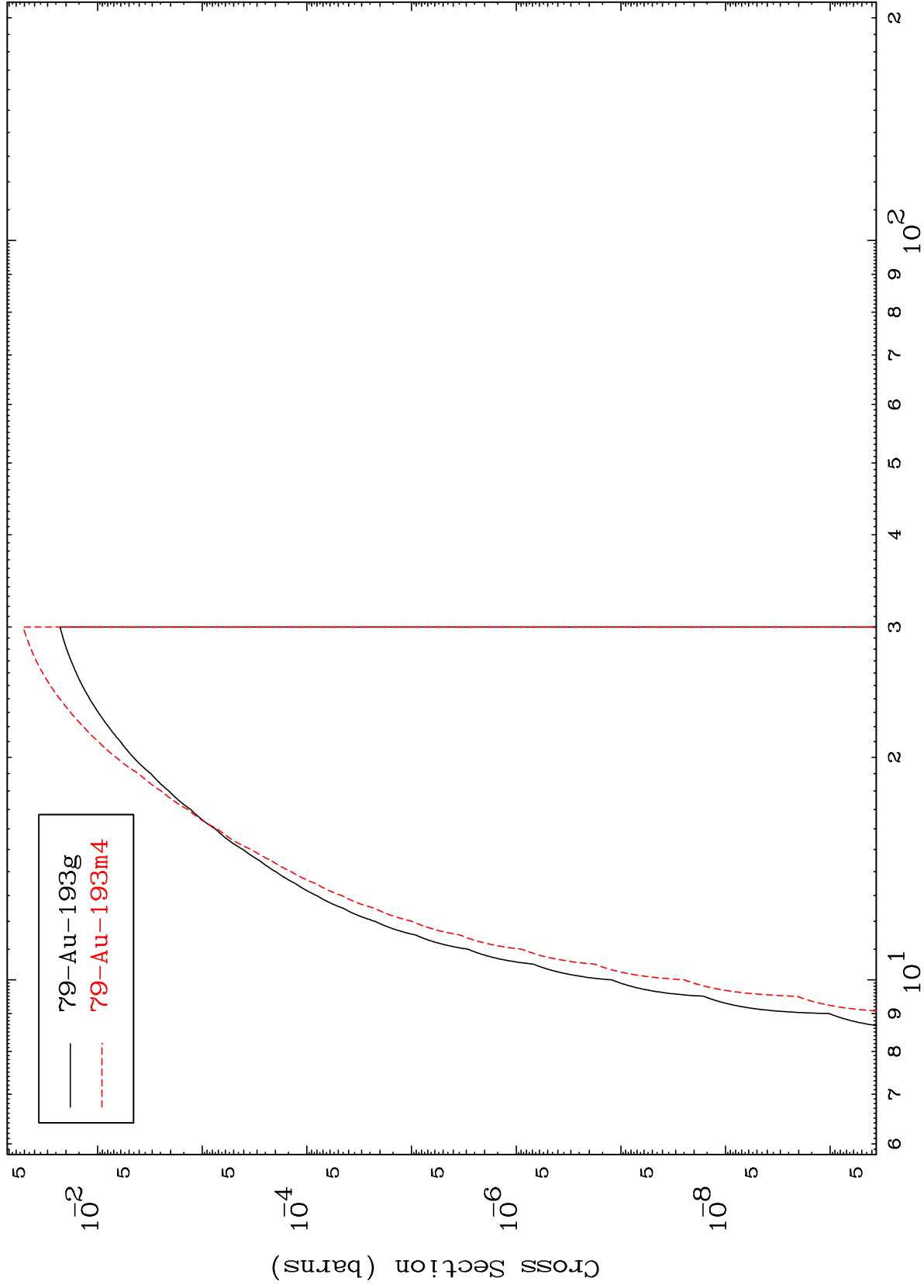
Radionuclide Production Cross Section



MAT 8019

80-Hg-194

(n,n') p
Radionuclide Production Cross Section

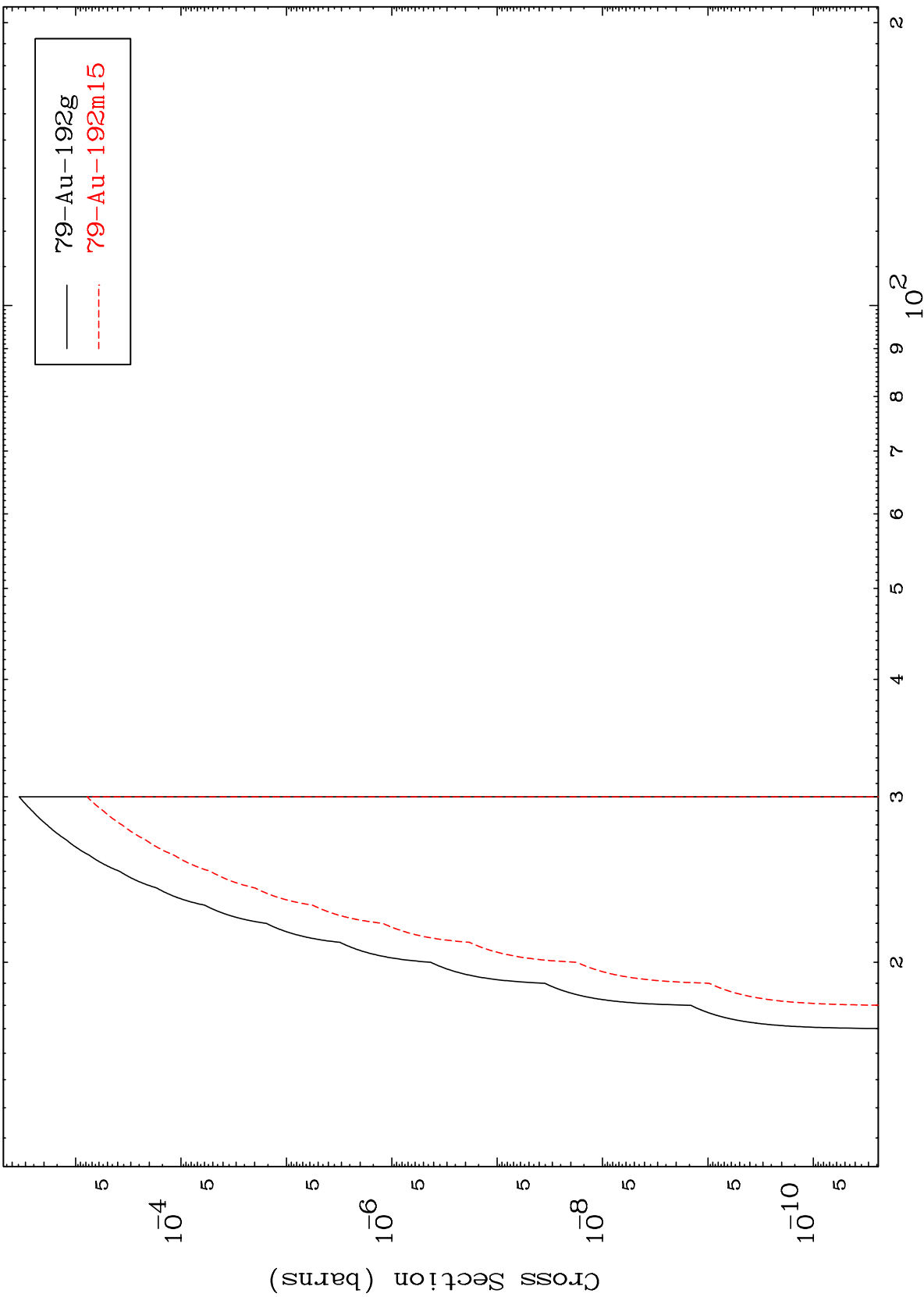


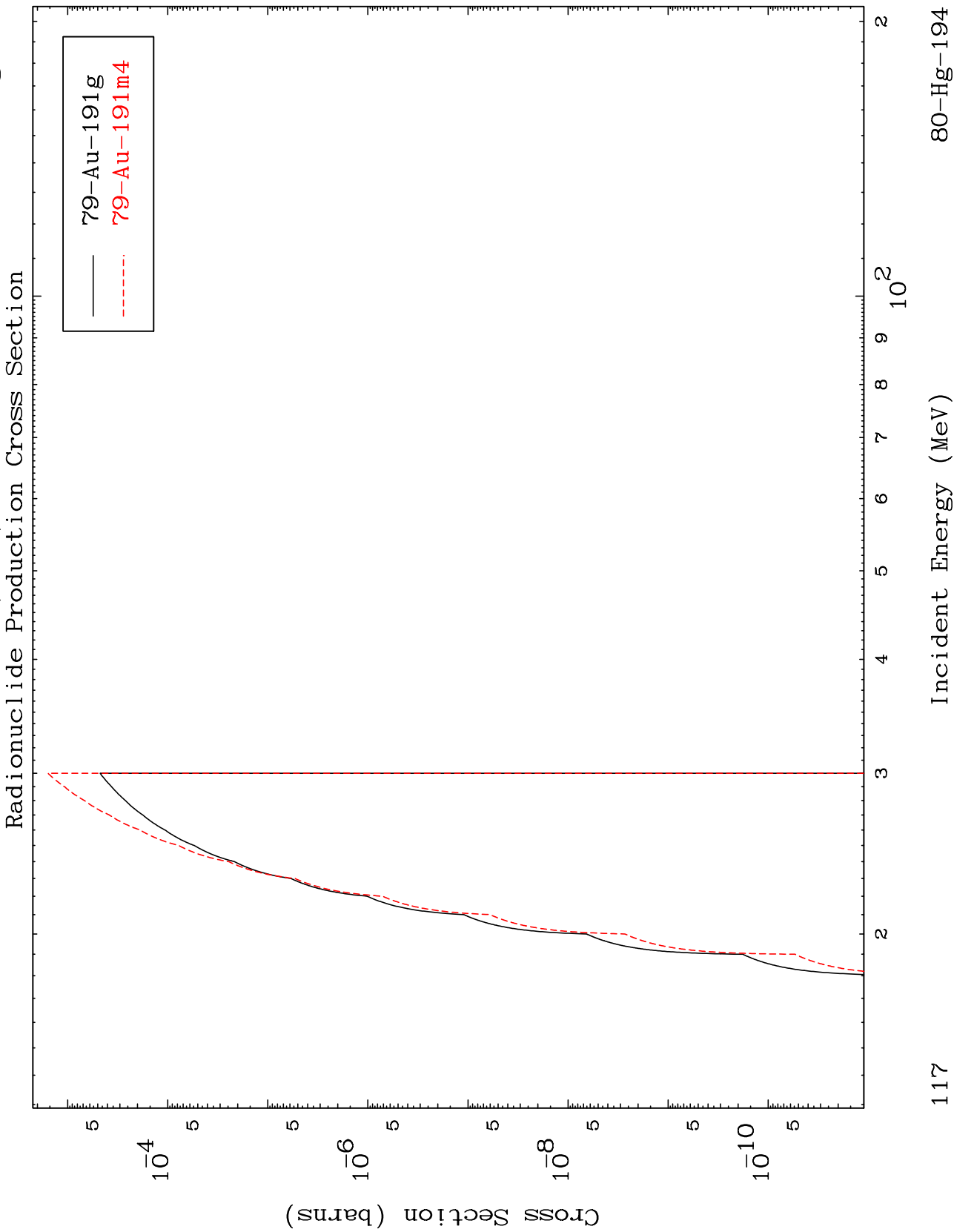
80-Hg-194

Incident Energy (MeV)

115

Radionuclide Production Cross Section

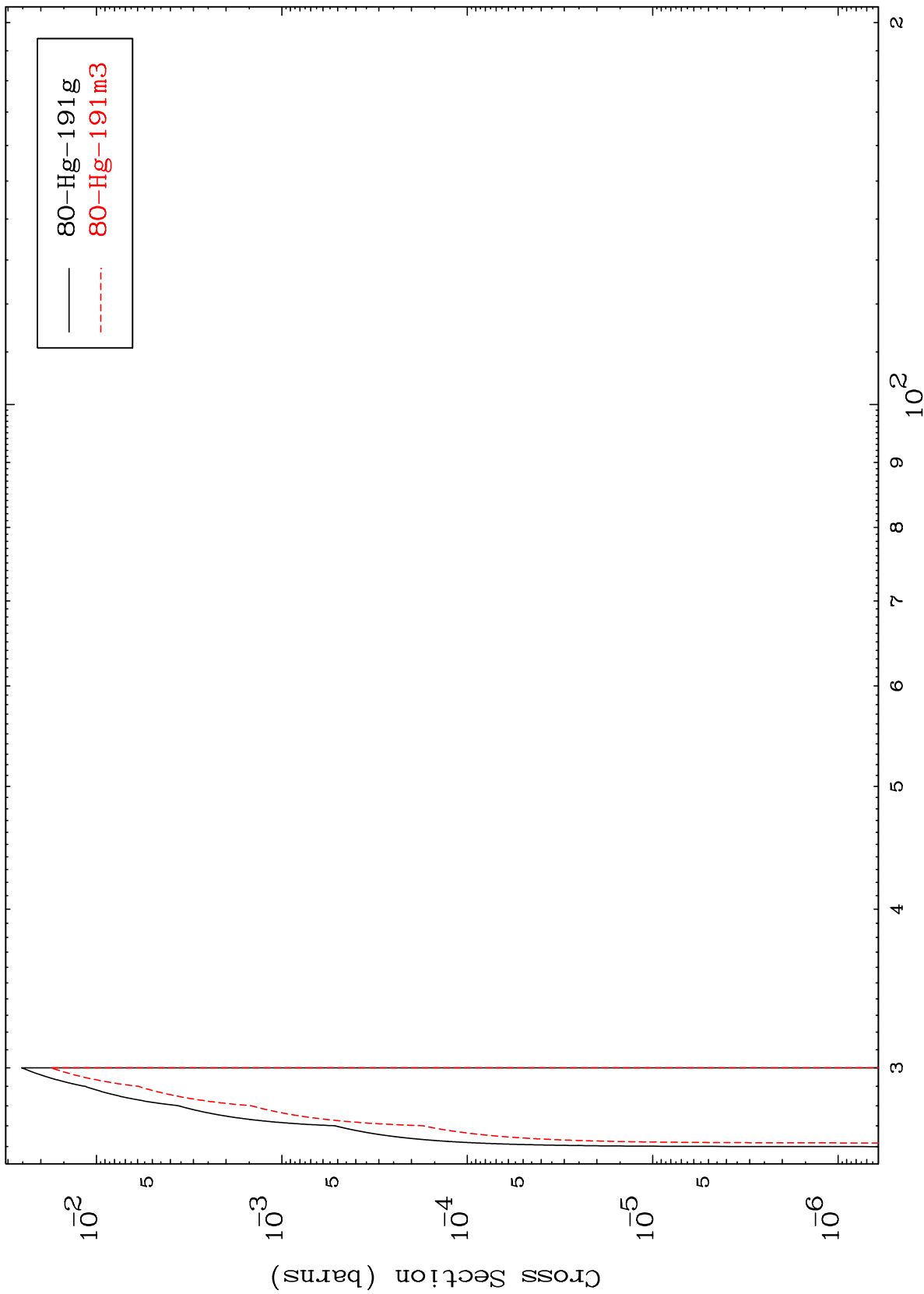




MAT 8019

80-Hg-194

(n,4n)
Radionuclide Production Cross Section



80-Hg-191 g
80-Hg-191 m3

118

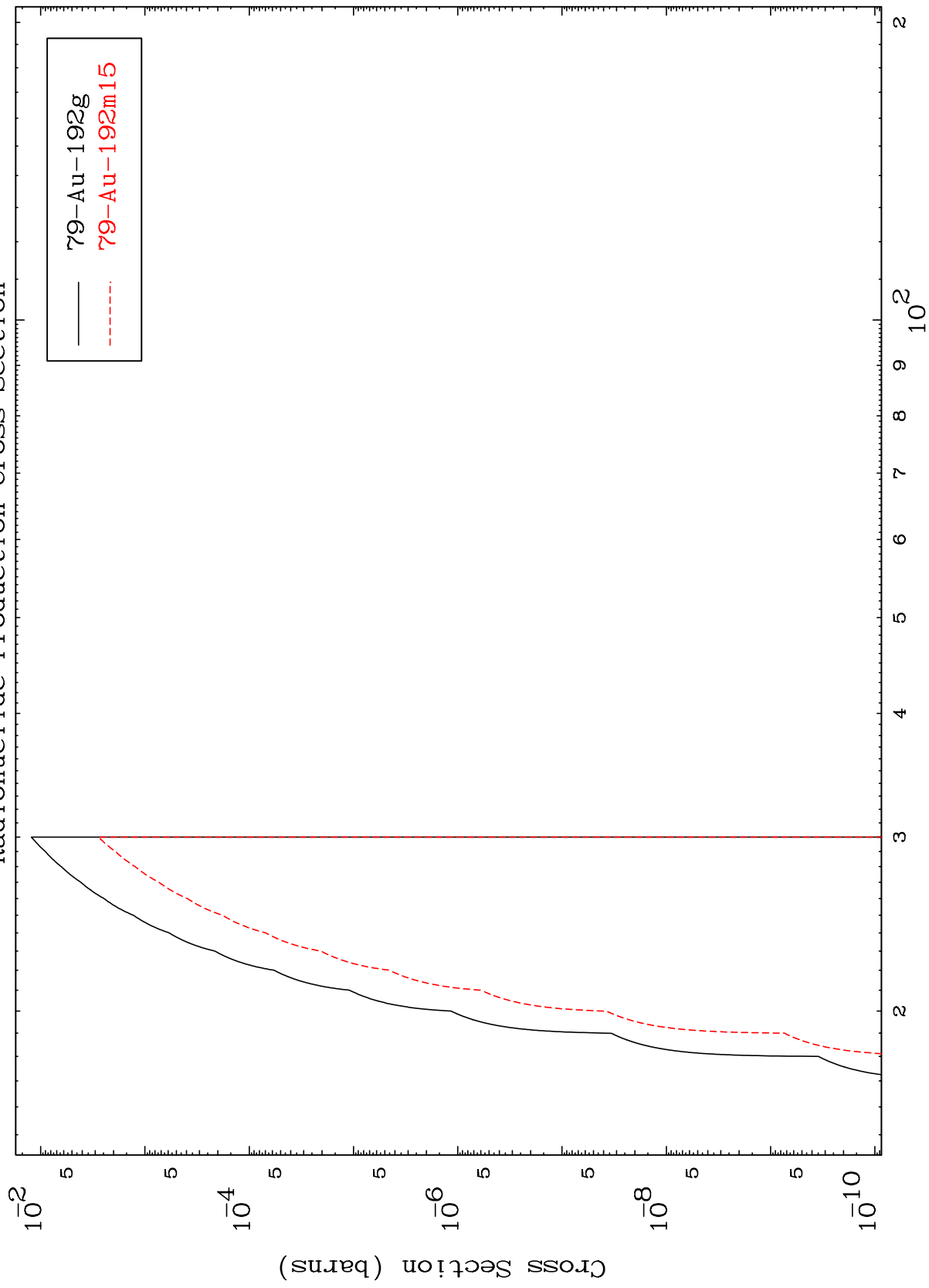
80-Hg-194

Incident Energy (MeV)

MAT 8019

80-Hg-194

(n,2n) p
Radionuclide Production Cross Section



119

Incident Energy (MeV)

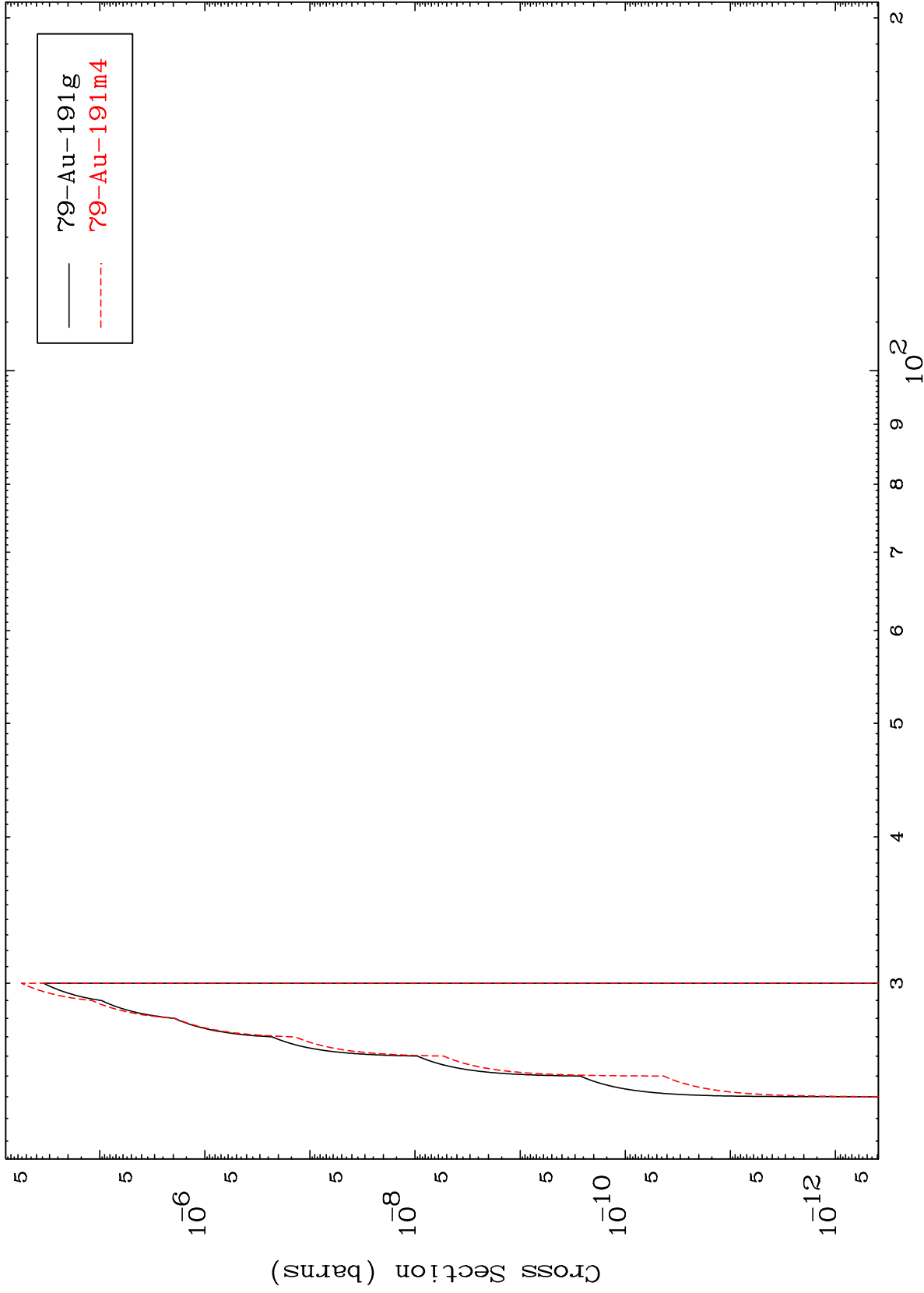
80-Hg-194

MAT 8019

(n,3n) p

80-Hg-194

Radionuclide Production Cross Section



120

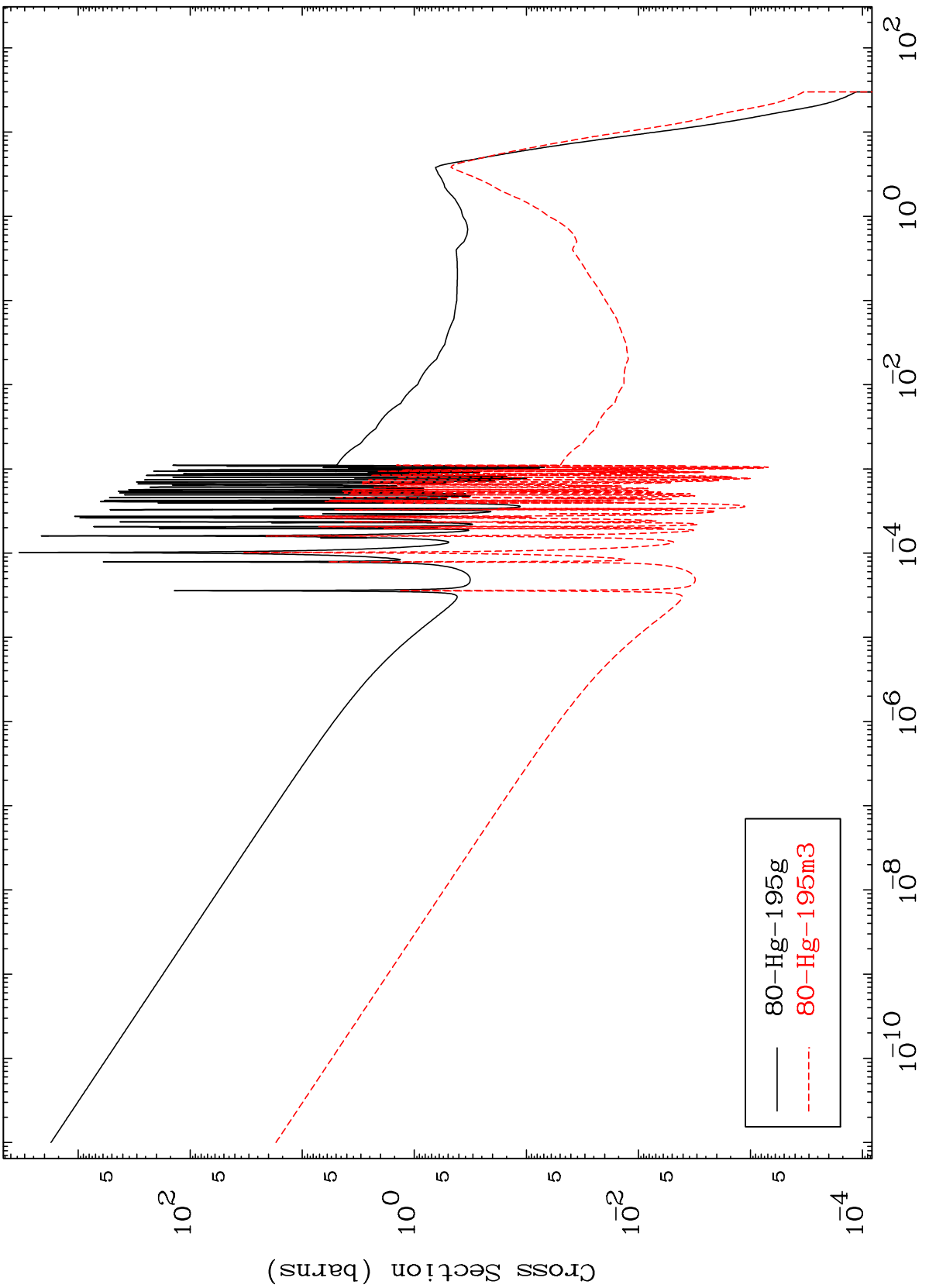
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n, γ)
Radionuclide Production Cross Section



— 80-Hg-195g
- - - 80-Hg-195m3

80-Hg-194

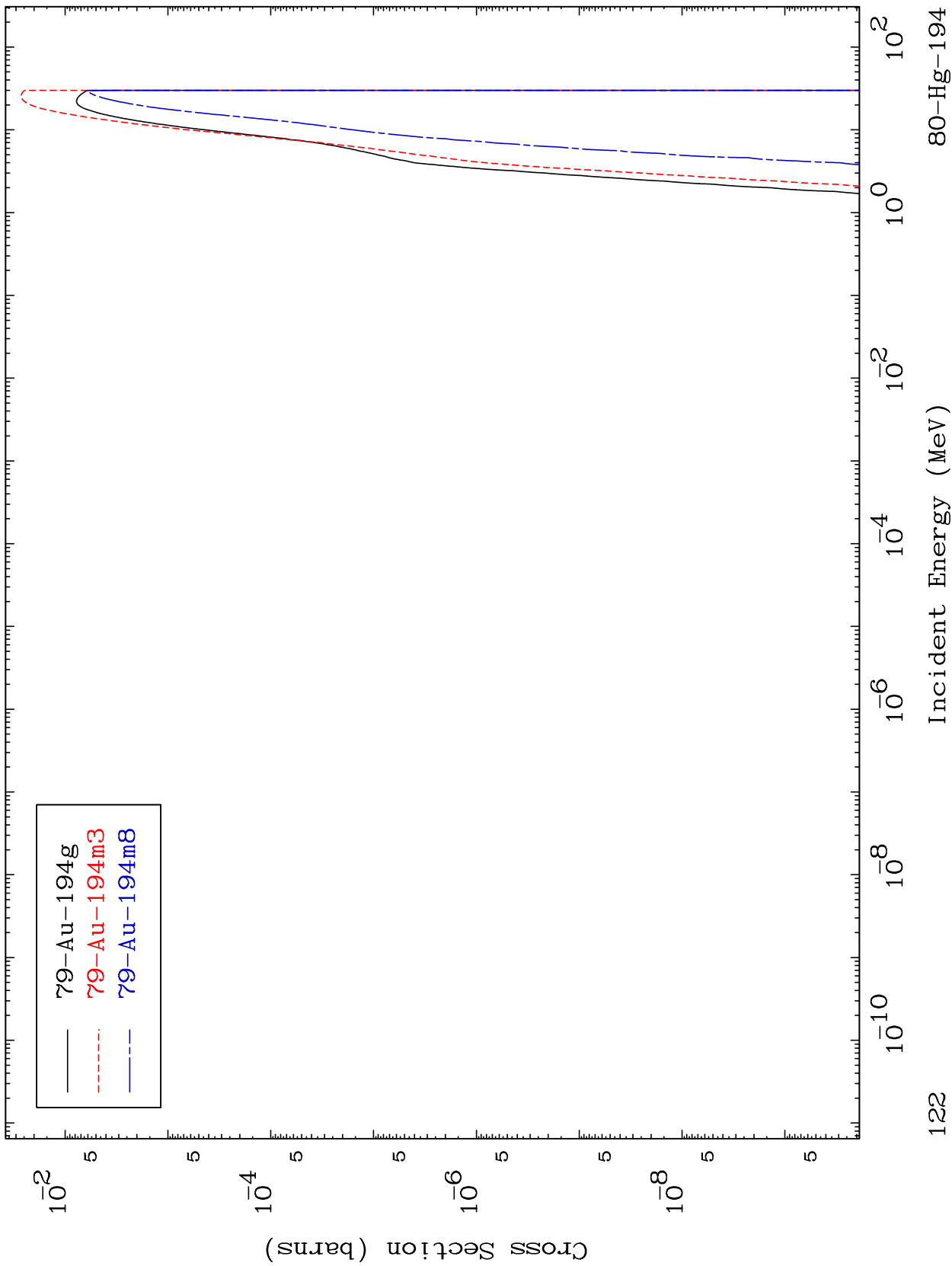
Incident Energy (MeV)

121

MAT 8019

(n,p)
Radionuclide Production Cross Section

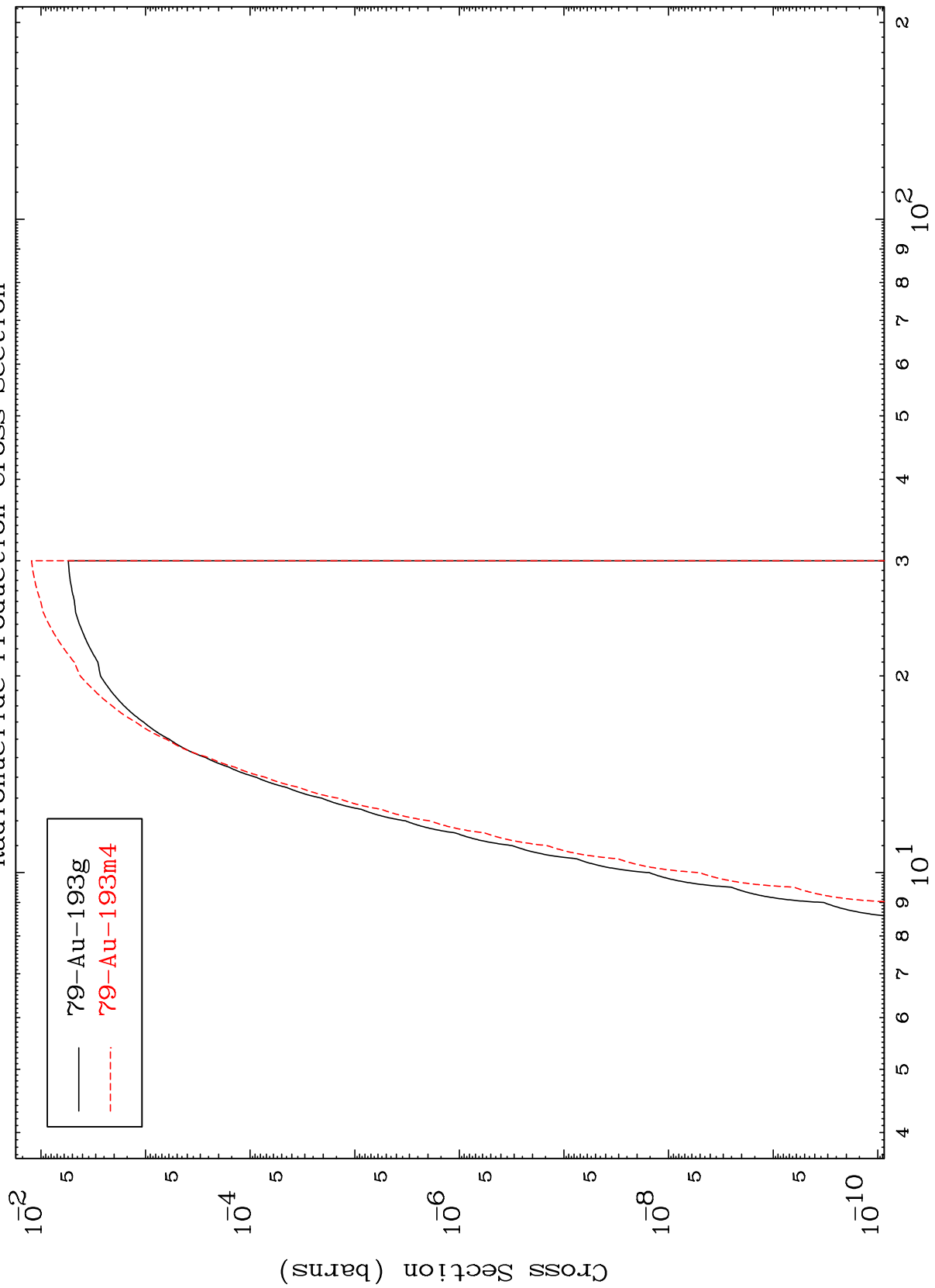
80-Hg-194



MAT 8019

80-Hg-194

(n,d)
Radionuclide Production Cross Section



80-Hg-194

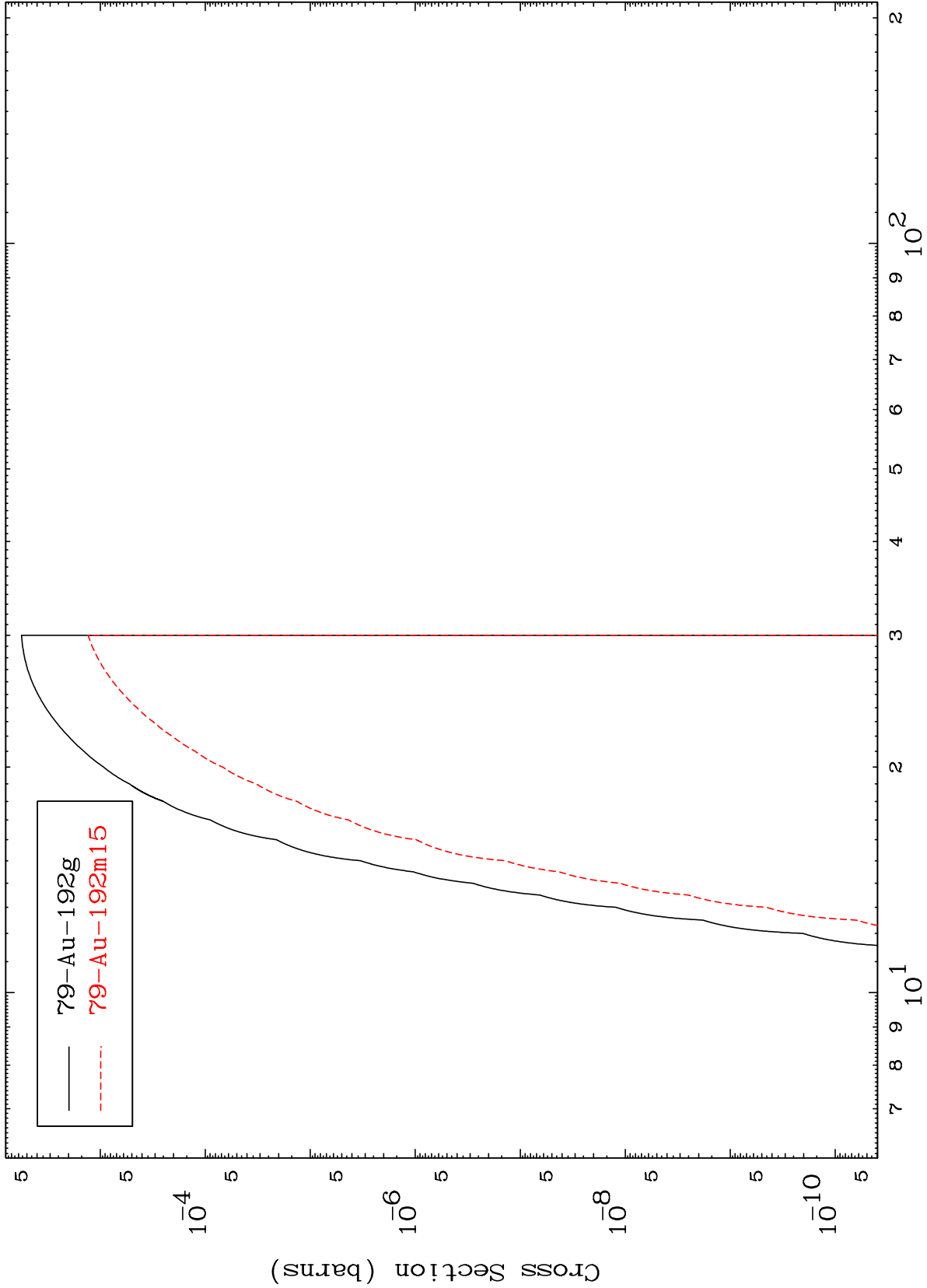
Incident Energy (MeV)

123

MAT 8019

80-Hg-194

(n, t)
Radionuclide Production Cross Section



124

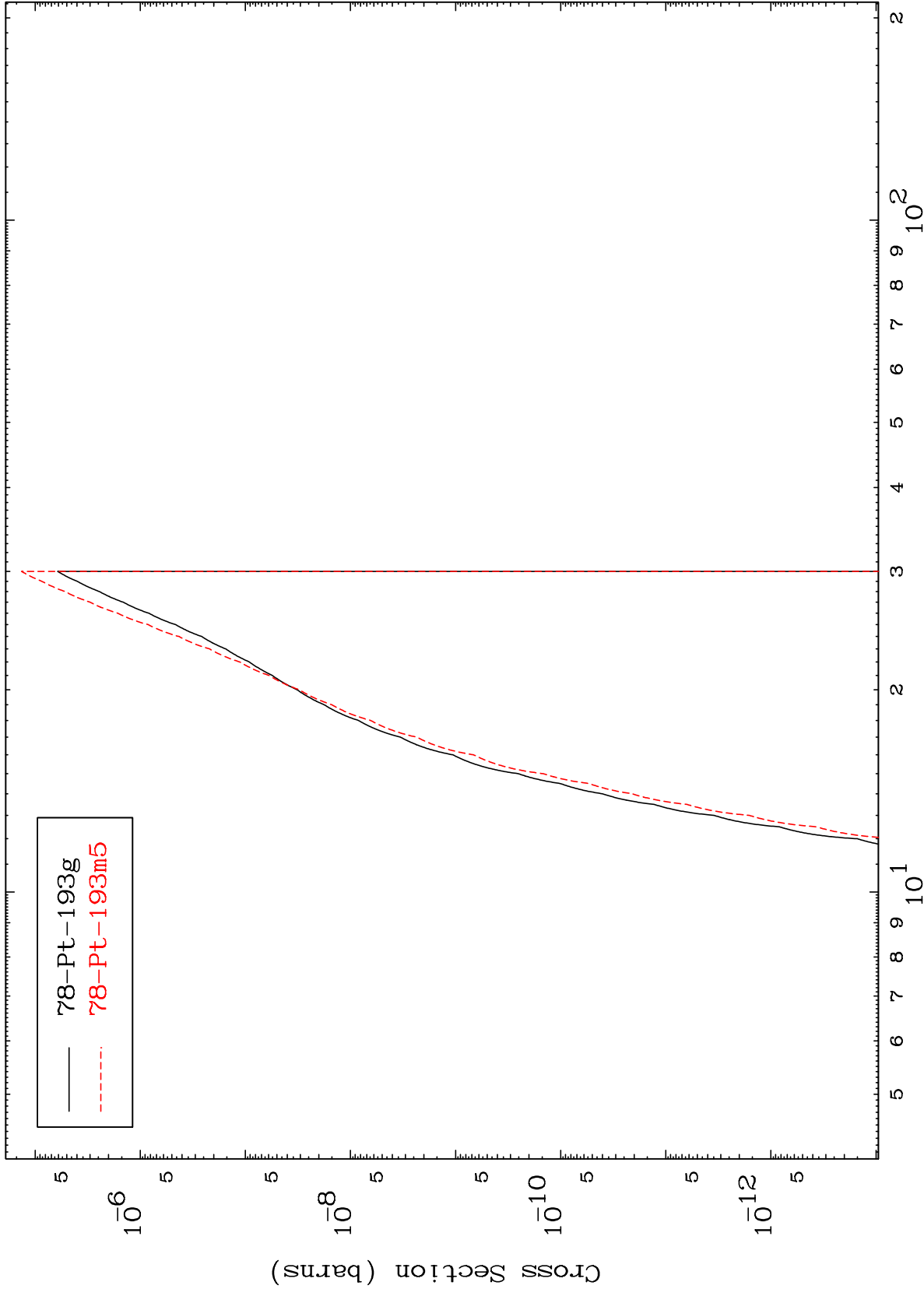
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,2p)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,p) α

80-Hg-194

Radionuclide Production Cross Section

