

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

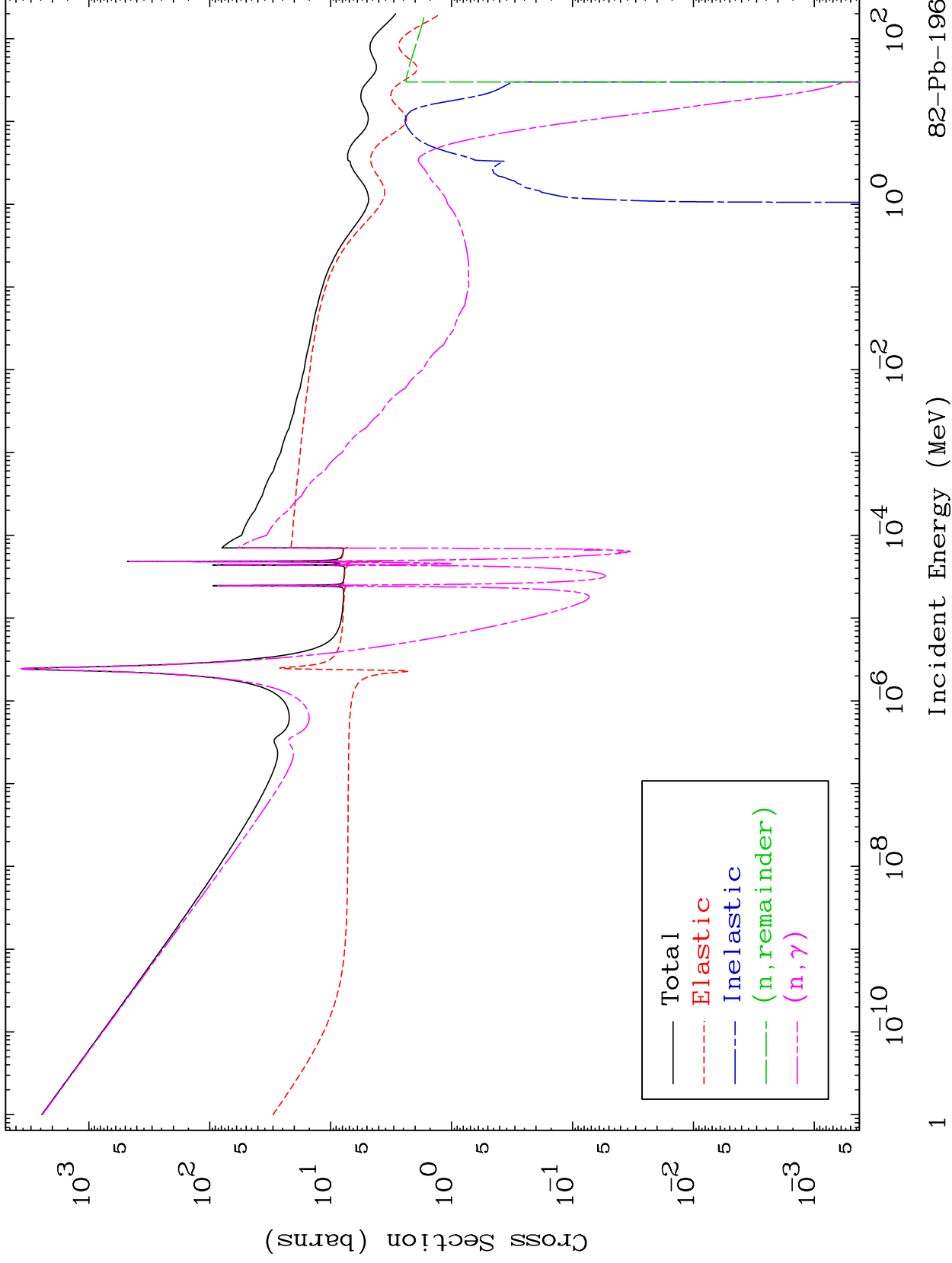
Press Mouse Button to Start

MAT 8201

Major

293 Kelvin Cross Sections

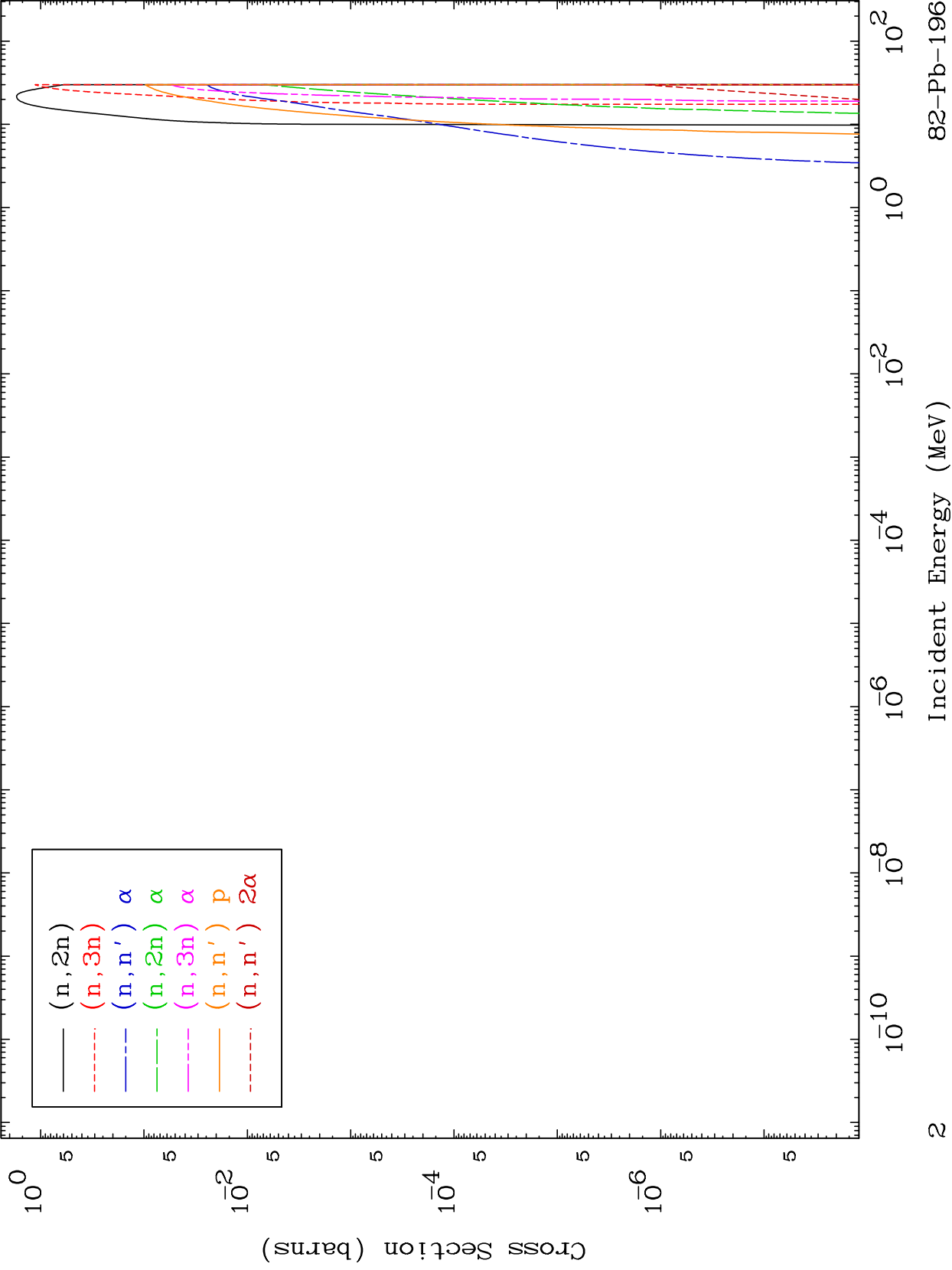
82-Pb-196



MAT 8201

Neutron Production
293 Kelvin Cross Sections

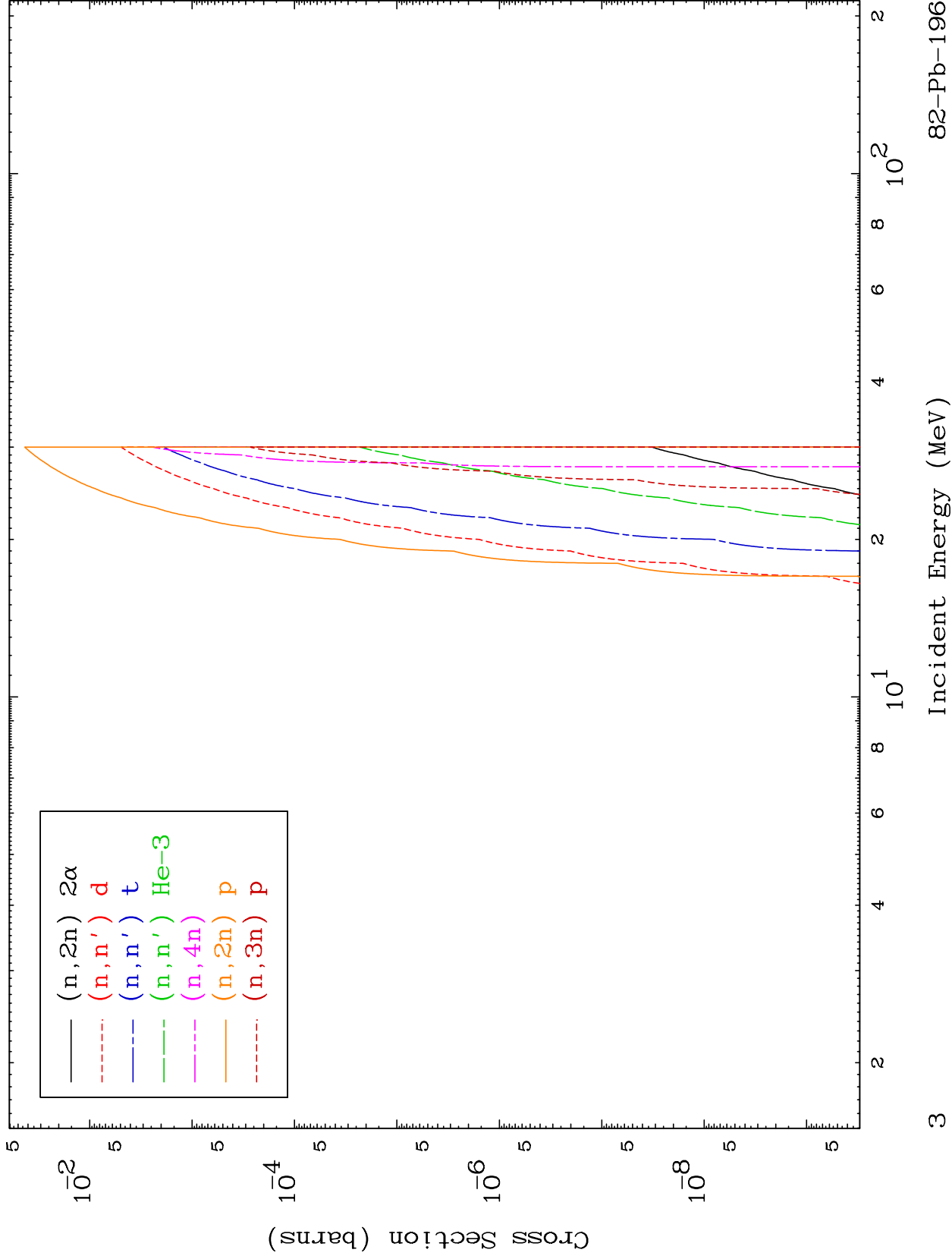
82-Pb-196



MAT 8201

Neutron Production
293 Kelvin Cross Sections

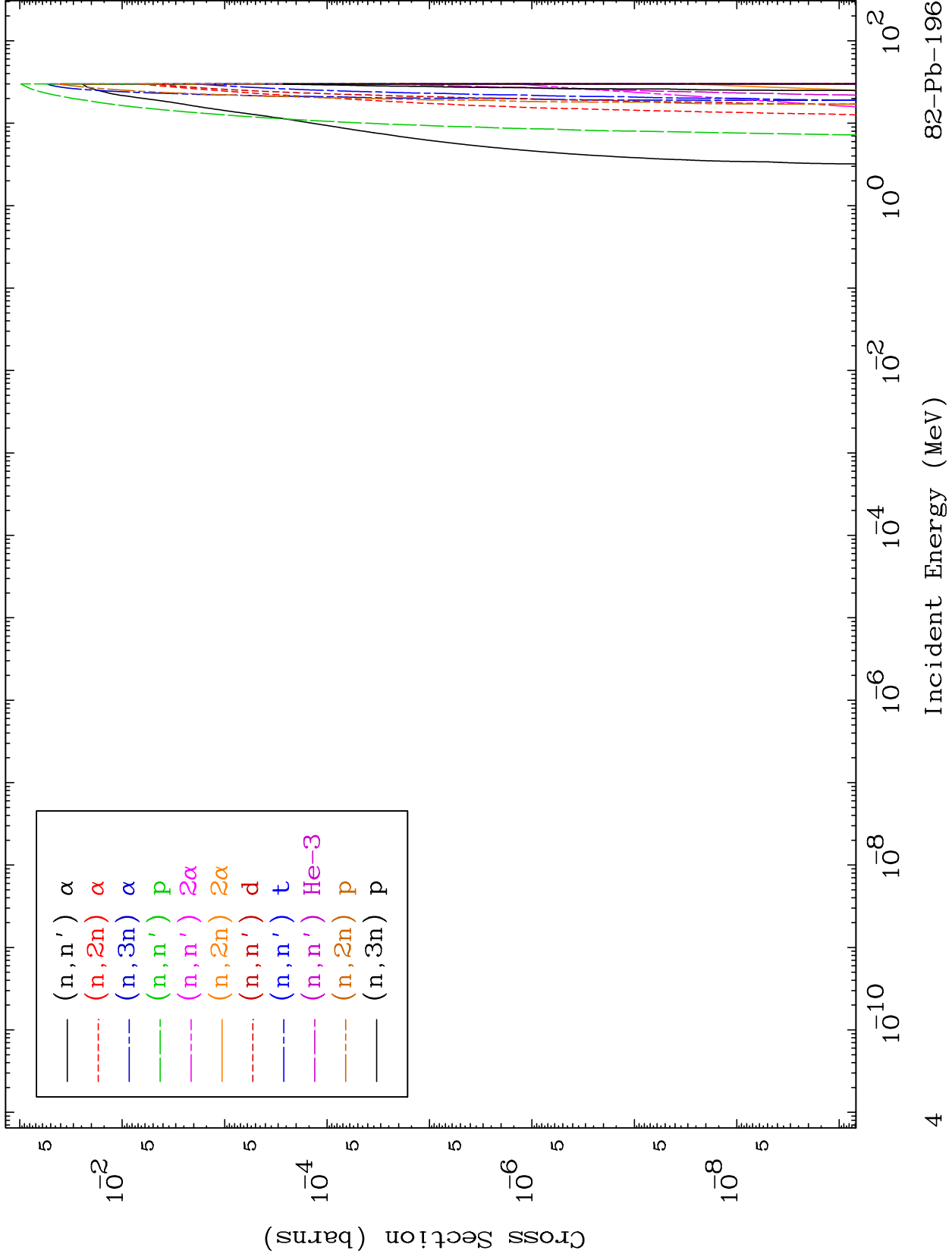
82-Pb-196



MAT 8201

Charged Particle
293 Kelvin Cross Sections

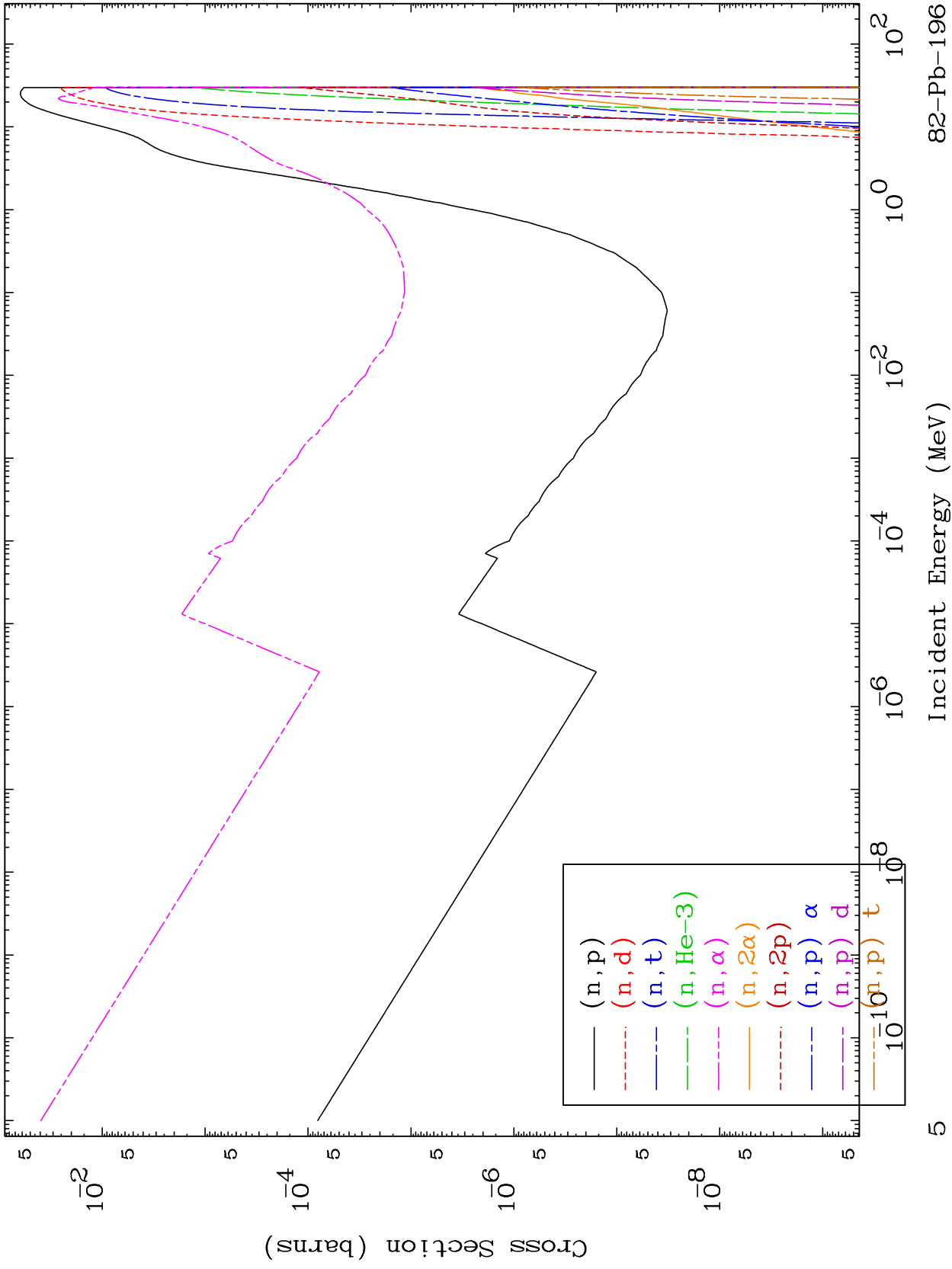
82-Pb-196



MAT 8201

Charged Particle
293 Kelvin Cross Sections

82-Pb-196

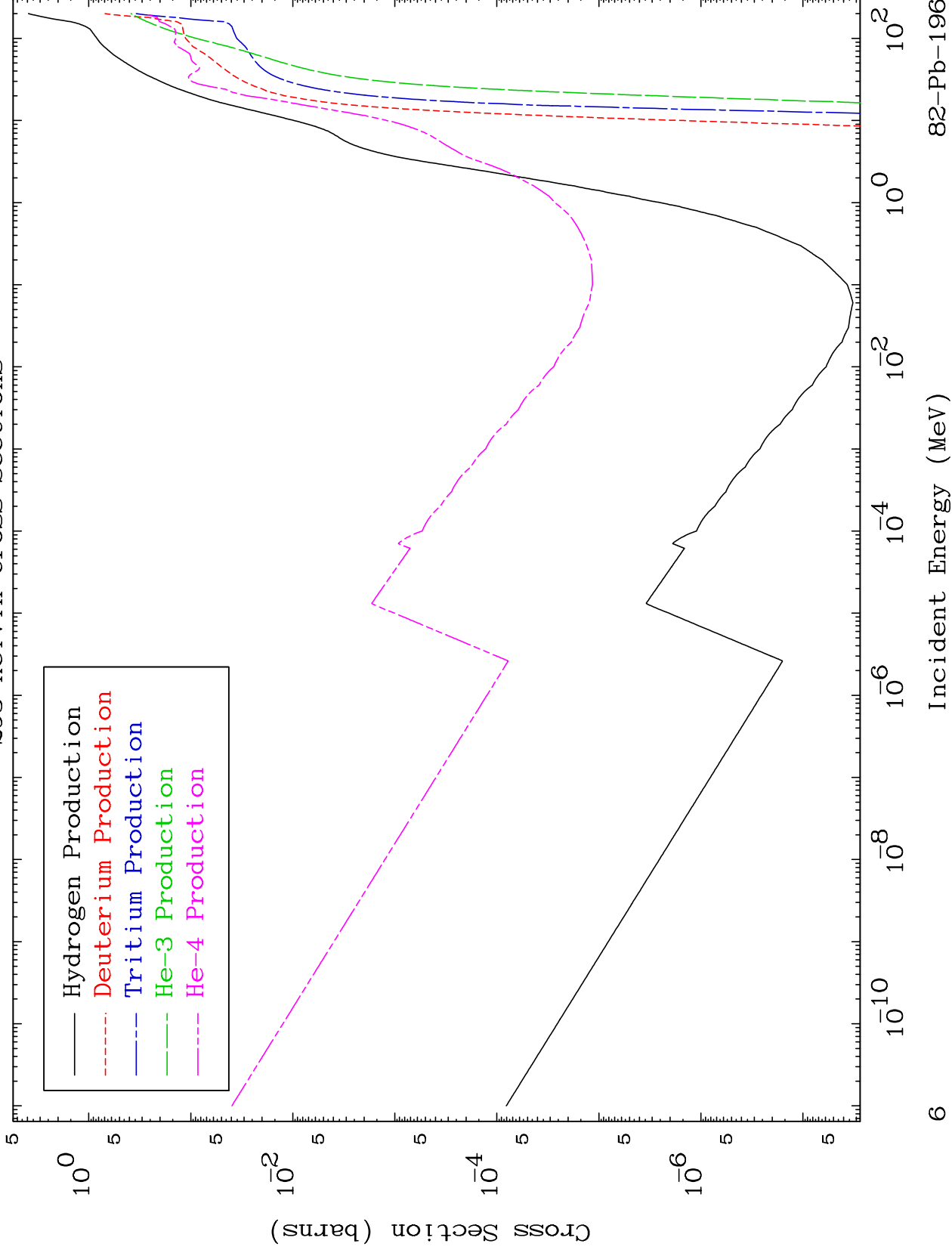


5

MAT 8201

Particle Production
293 Kelvin Cross Sections

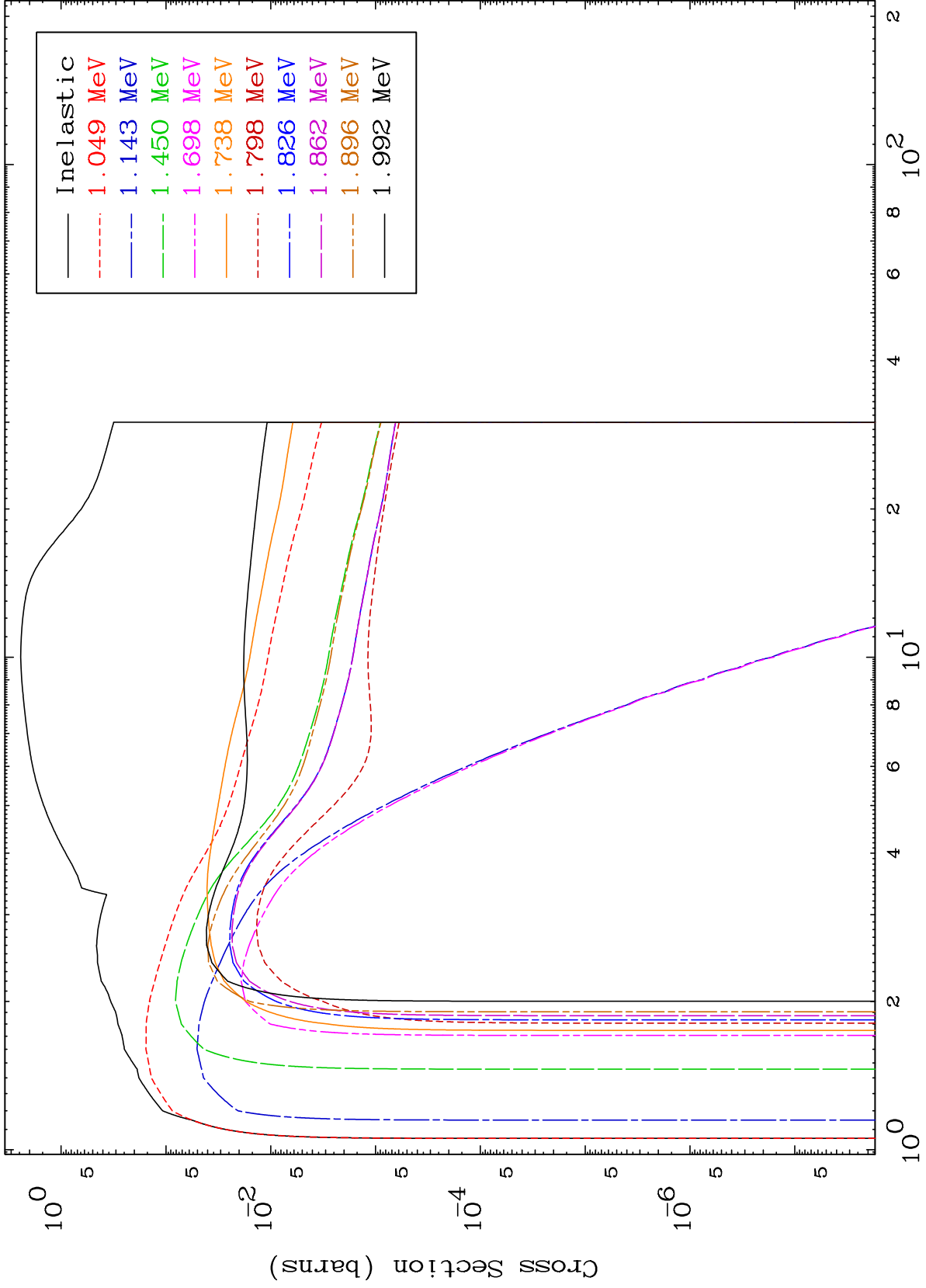
82-Pb-196



MAT 8201

(n,n') Level
293 Kelvin Cross Sections

82-Pb-196



Incident Energy (MeV)

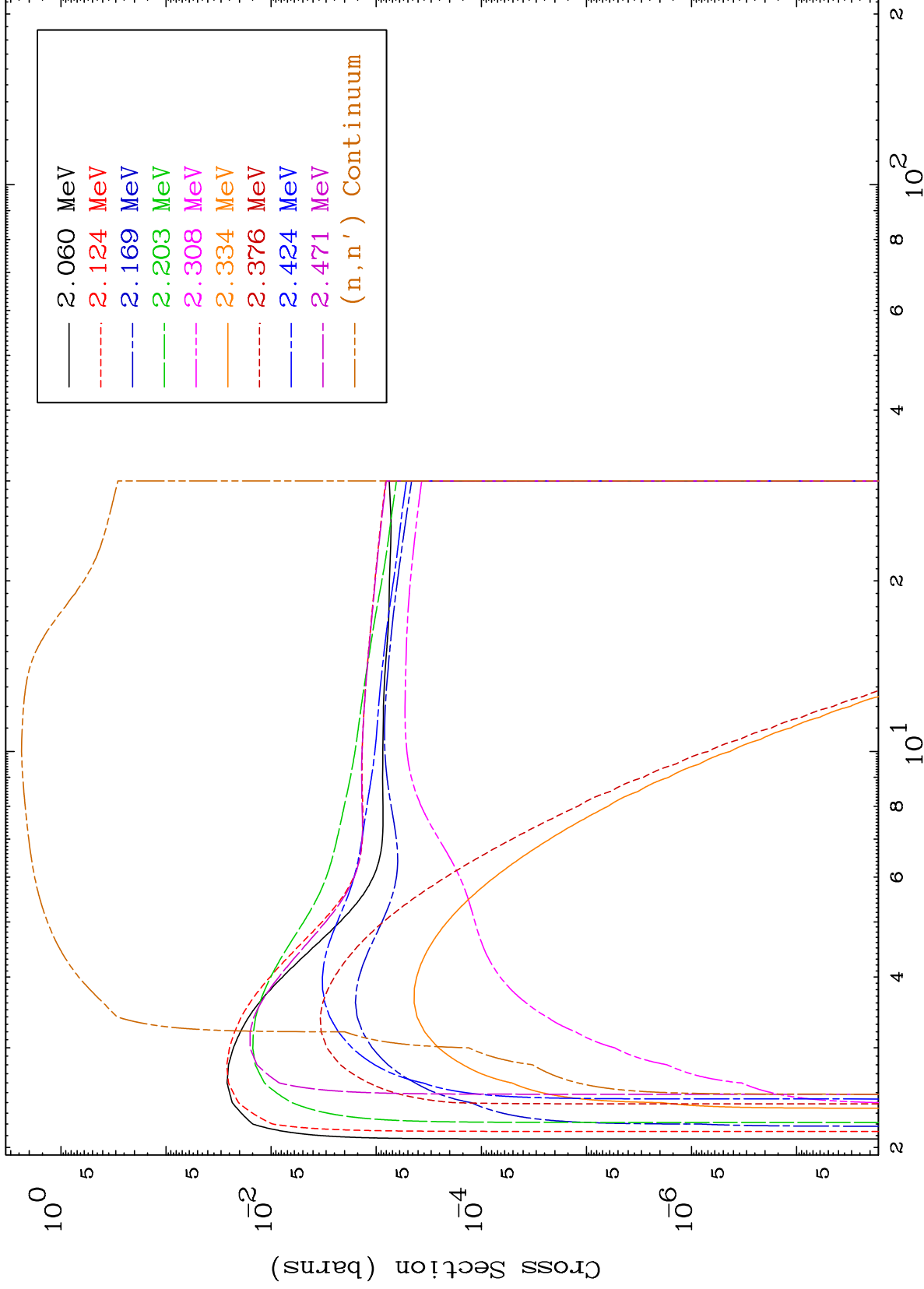
82-Pb-196

MAT 8201

(n,n') Level

82-Pb-196

293 Kelvin Cross Sections



8

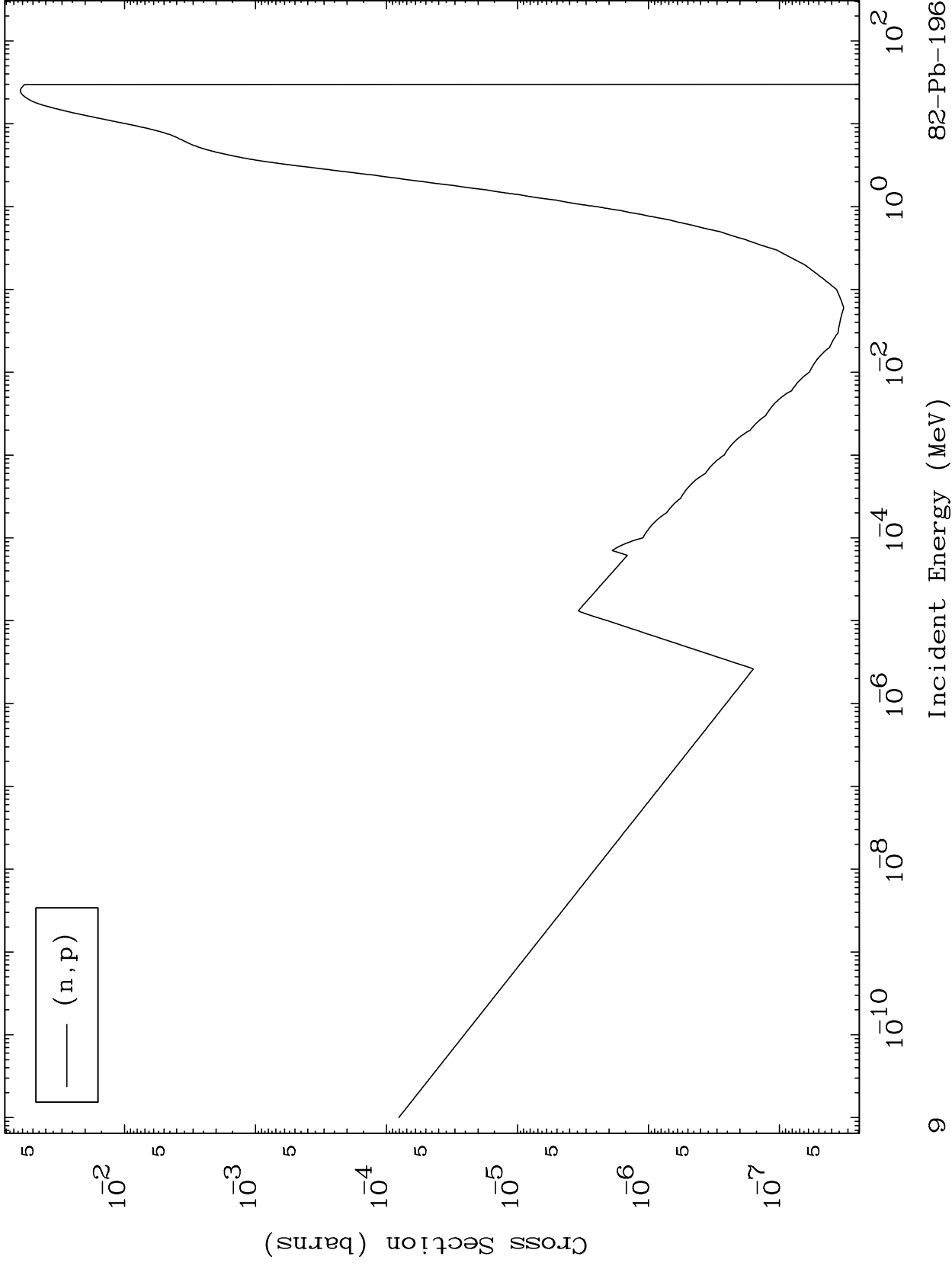
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p) Levels
293 Kelvin Cross Sections

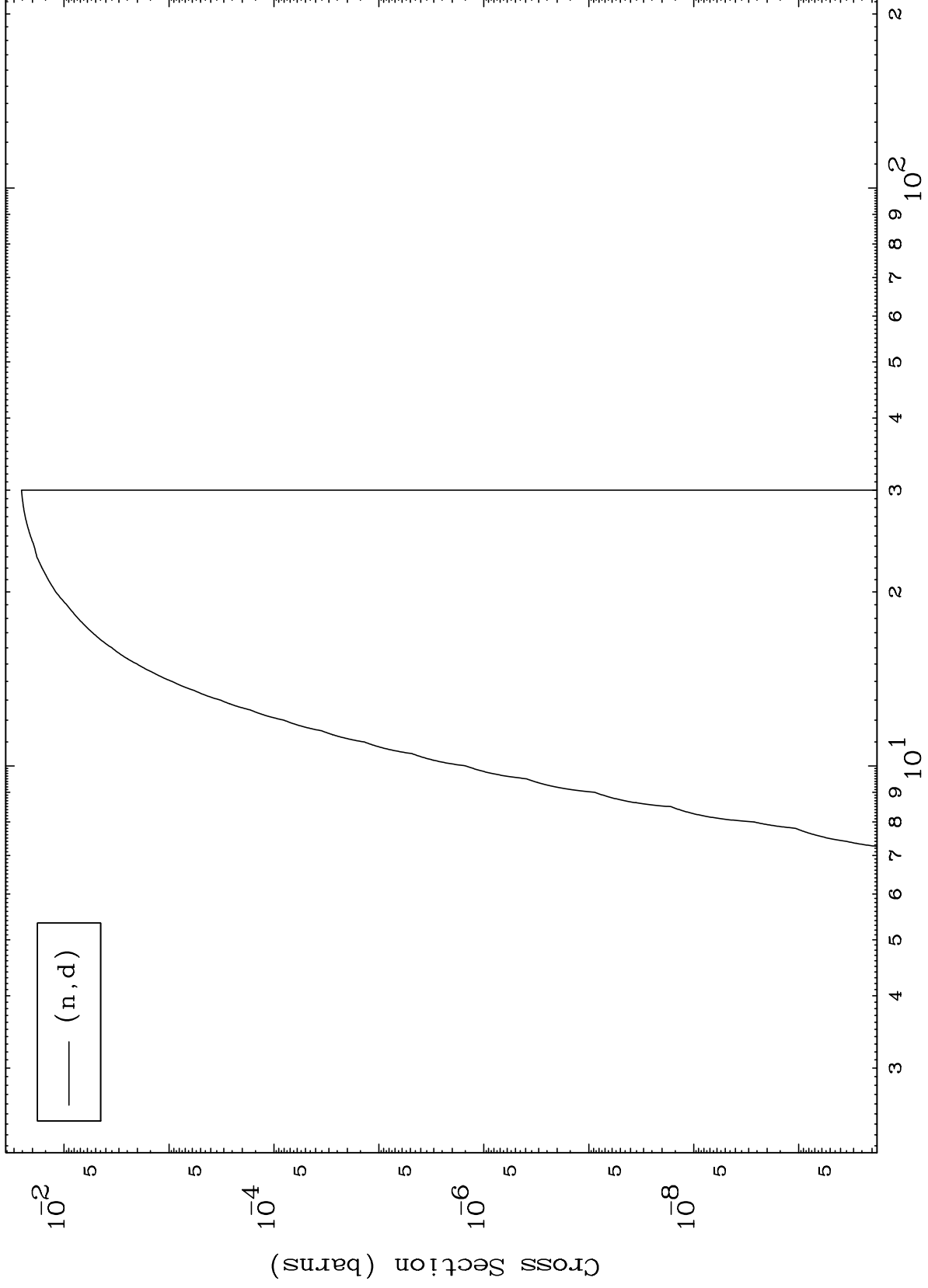
82-Pb-196



MAT 8201

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-196



10

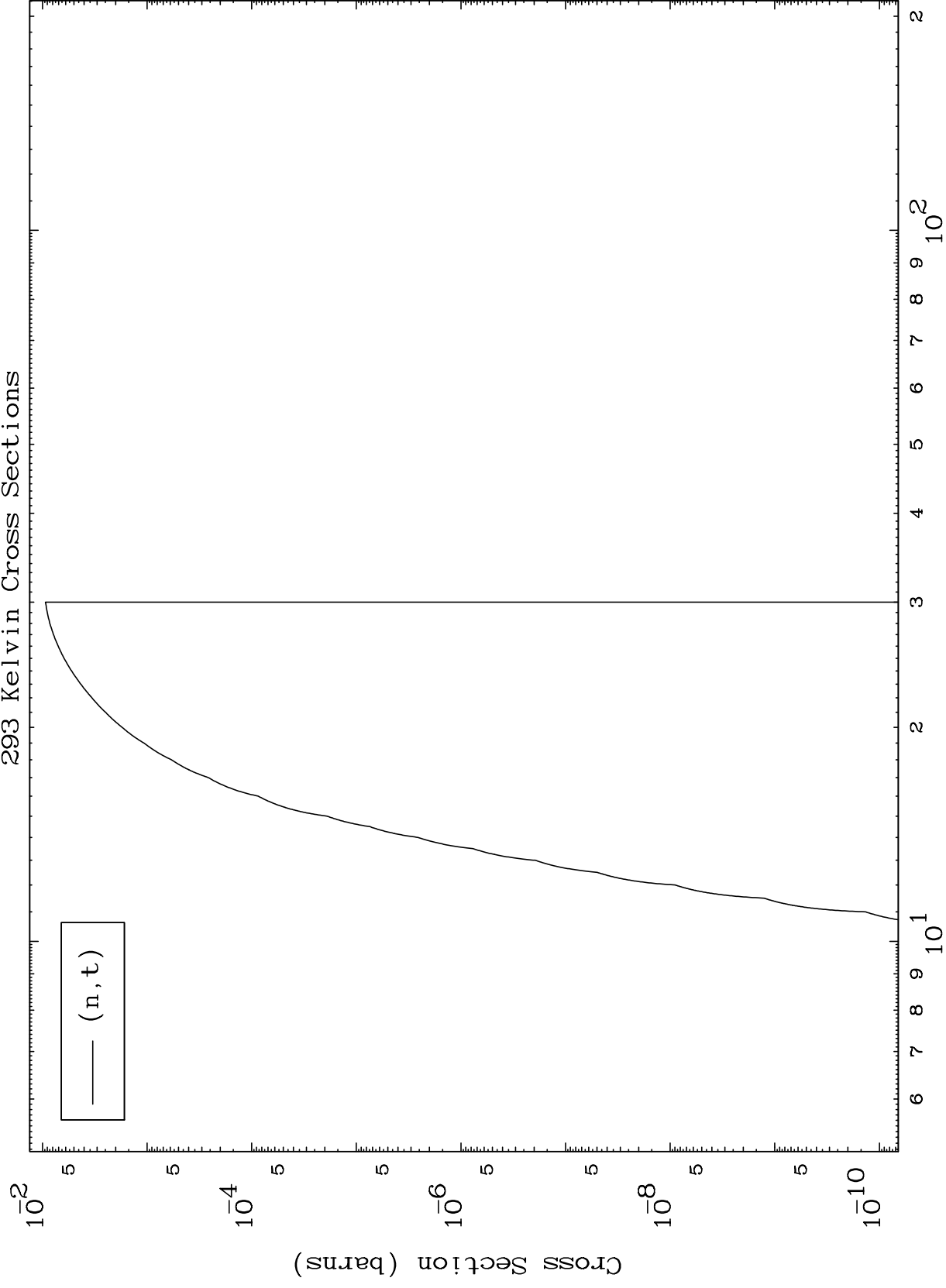
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,t) Levels
293 Kelvin Cross Sections



11

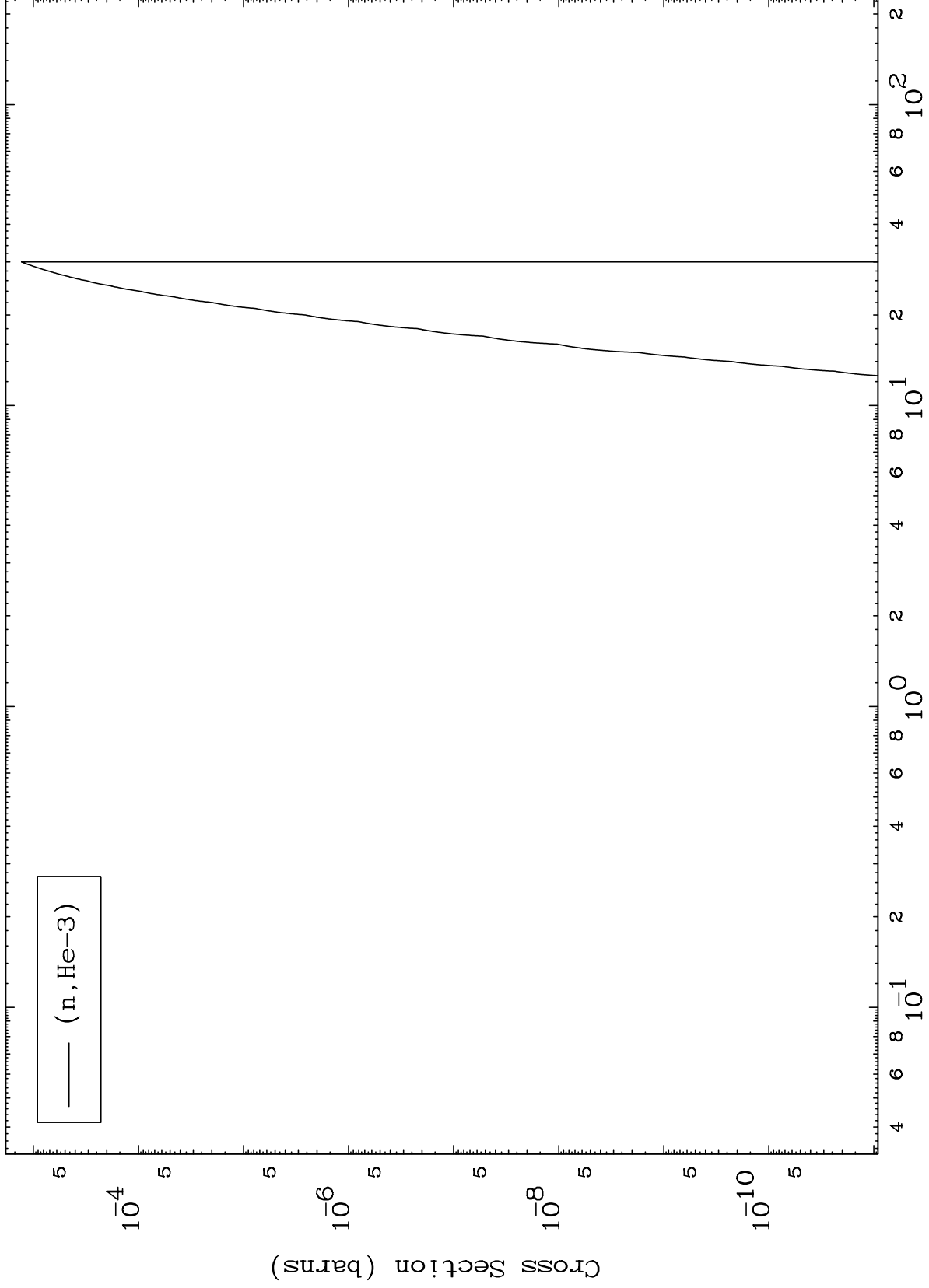
82-Pb-196

Incident Energy (MeV)

MAT 8201

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-196



12

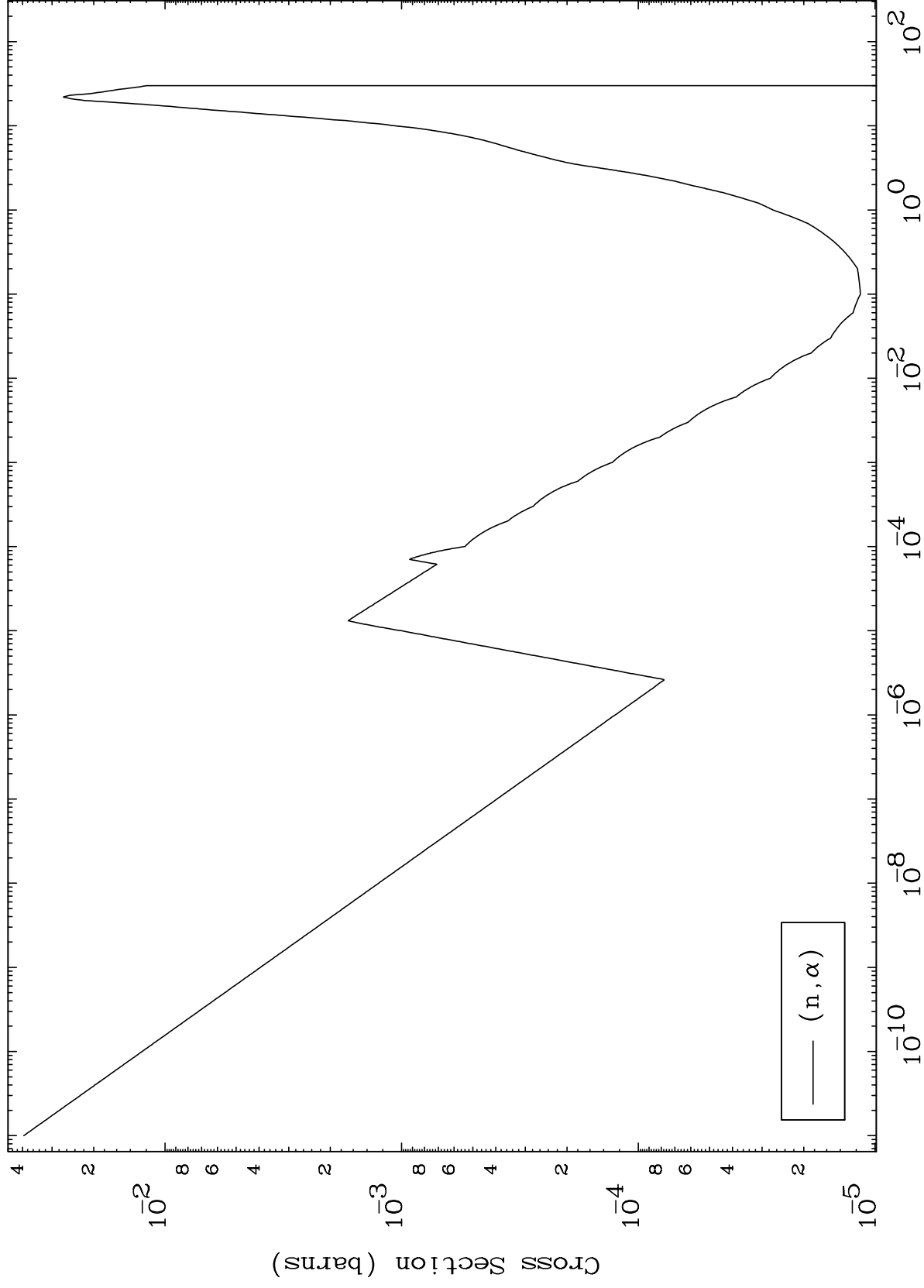
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,α) Levels
293 Kelvin Cross Sections

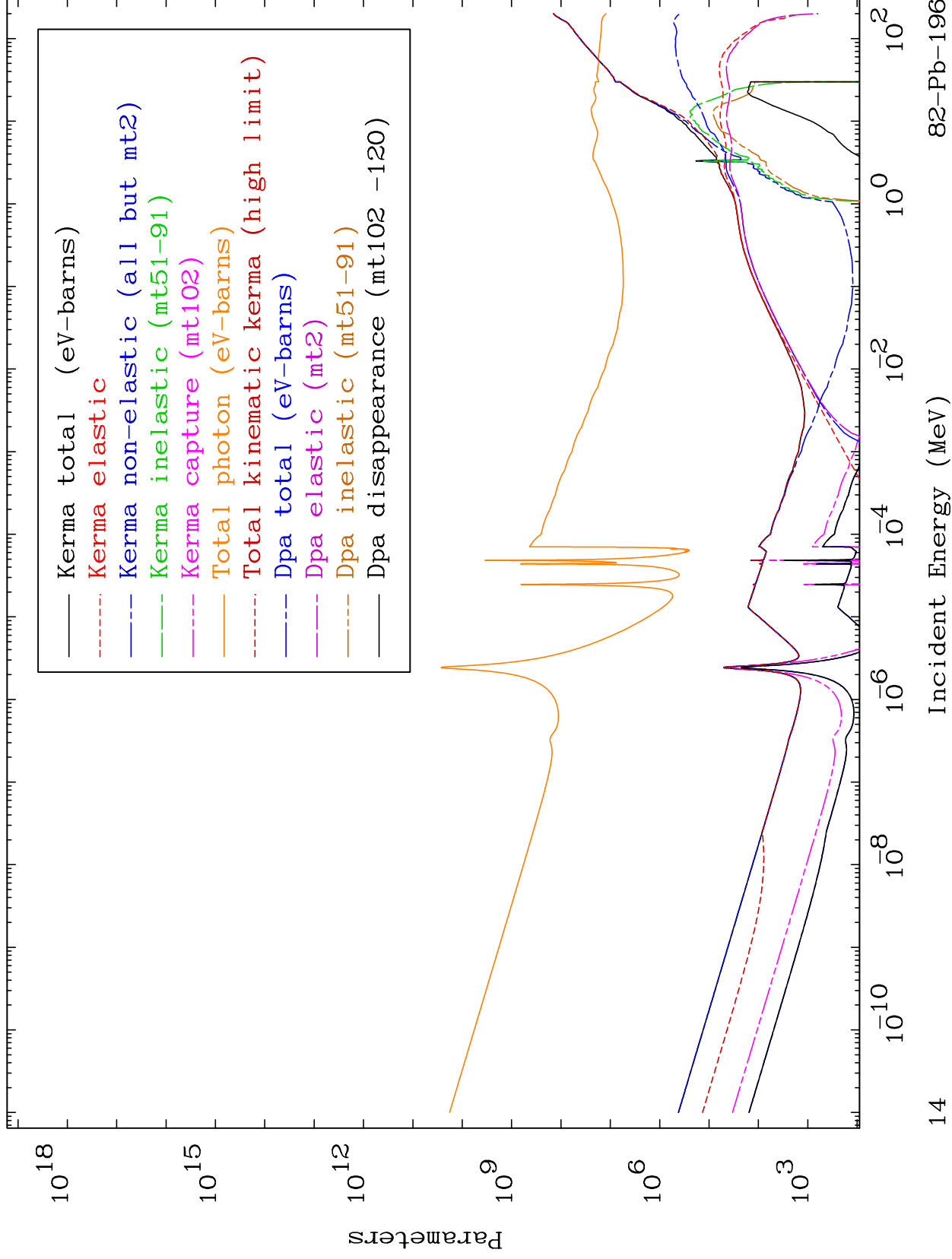
82-Pb-196

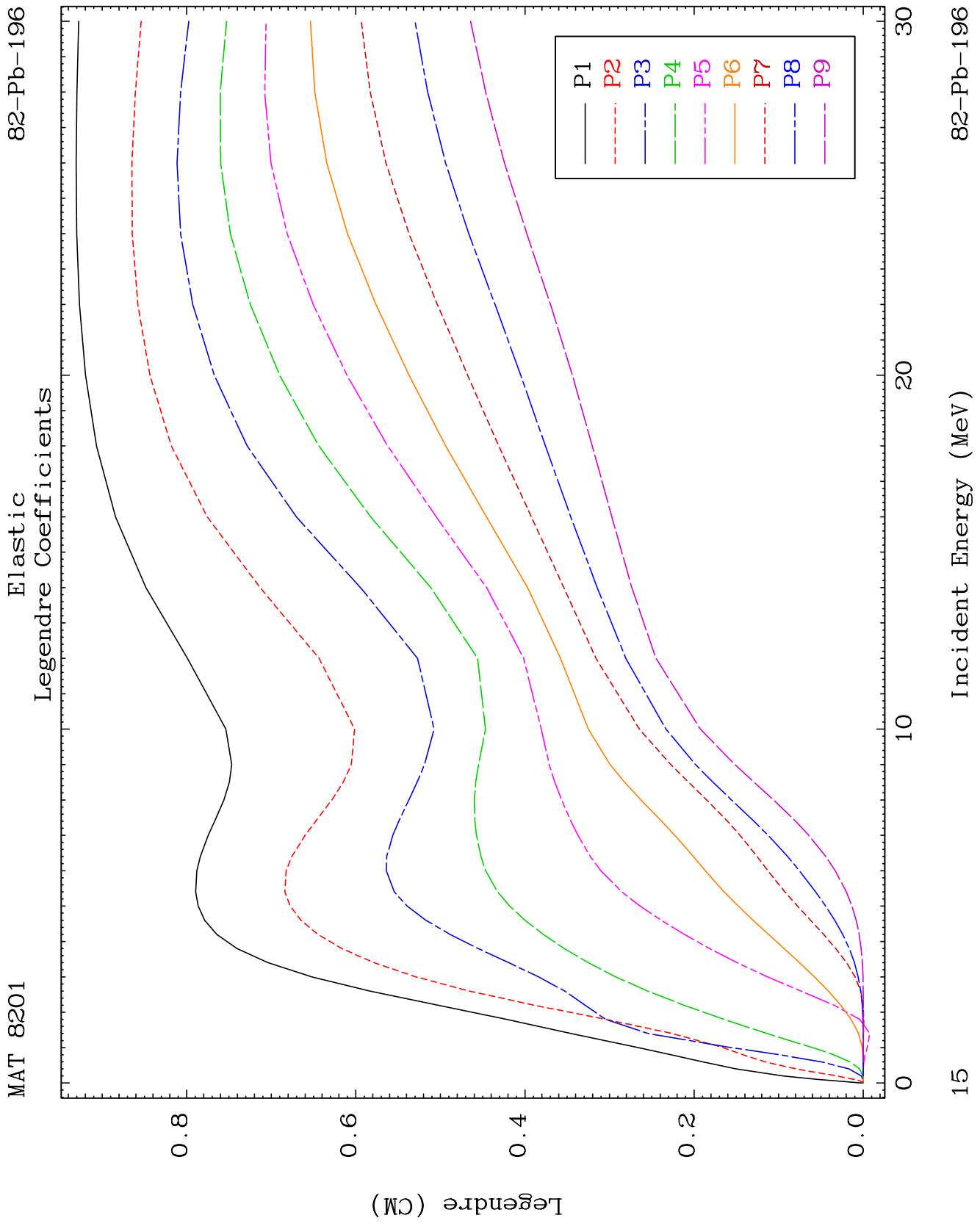


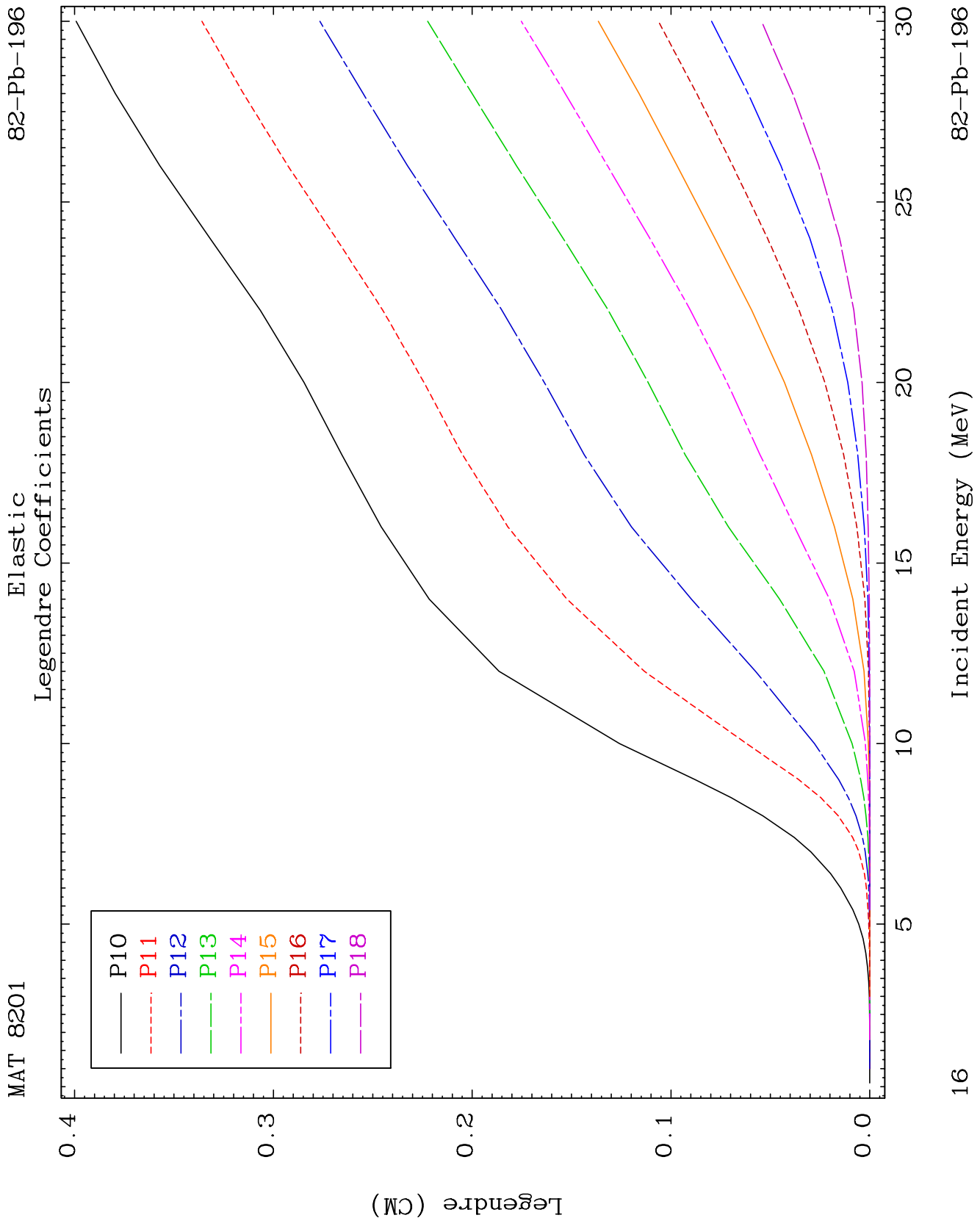
13

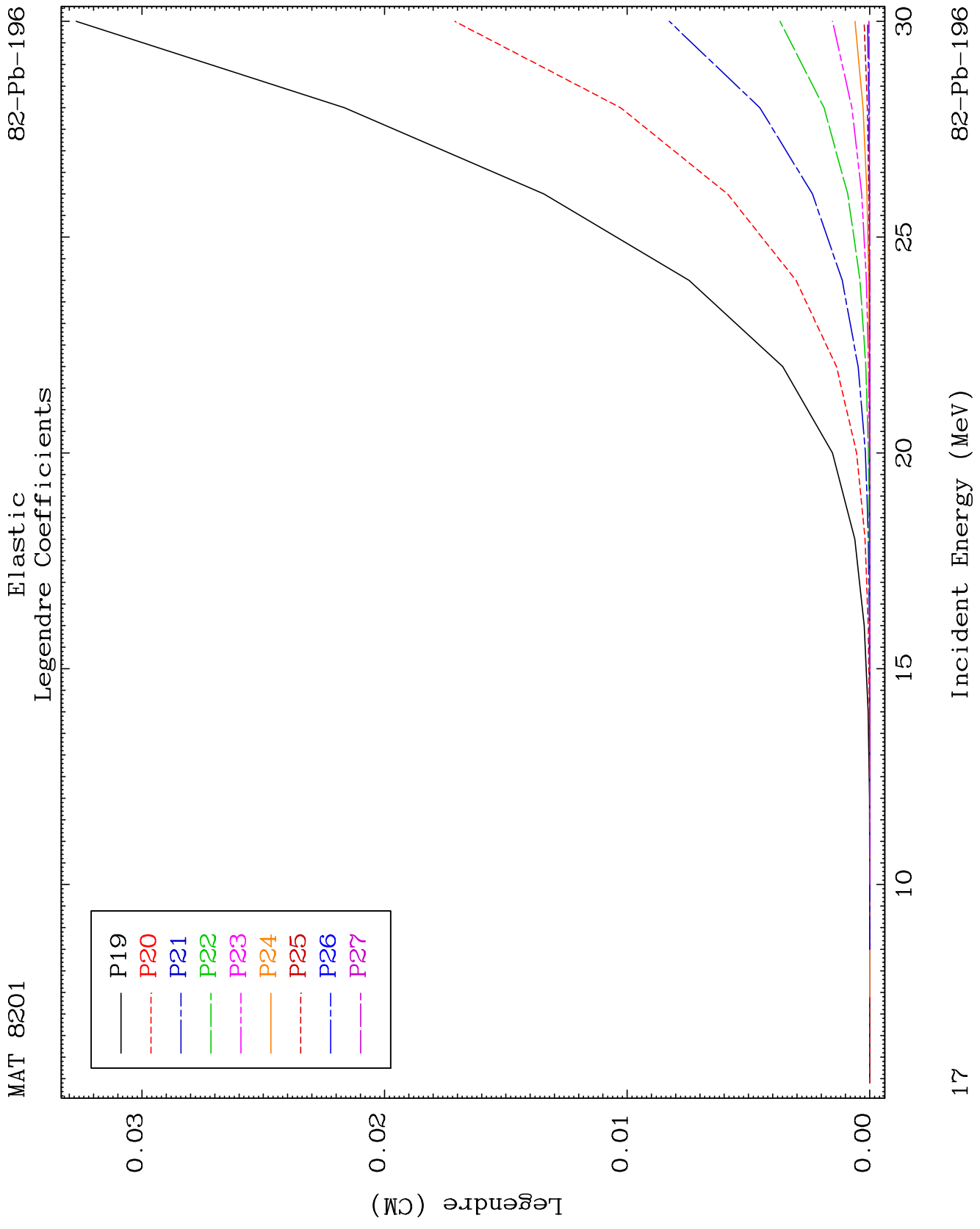
Incident Energy (MeV)

82-Pb-196









MAT 8201

Elastic Legendre Coefficients

82-Pb-196

17

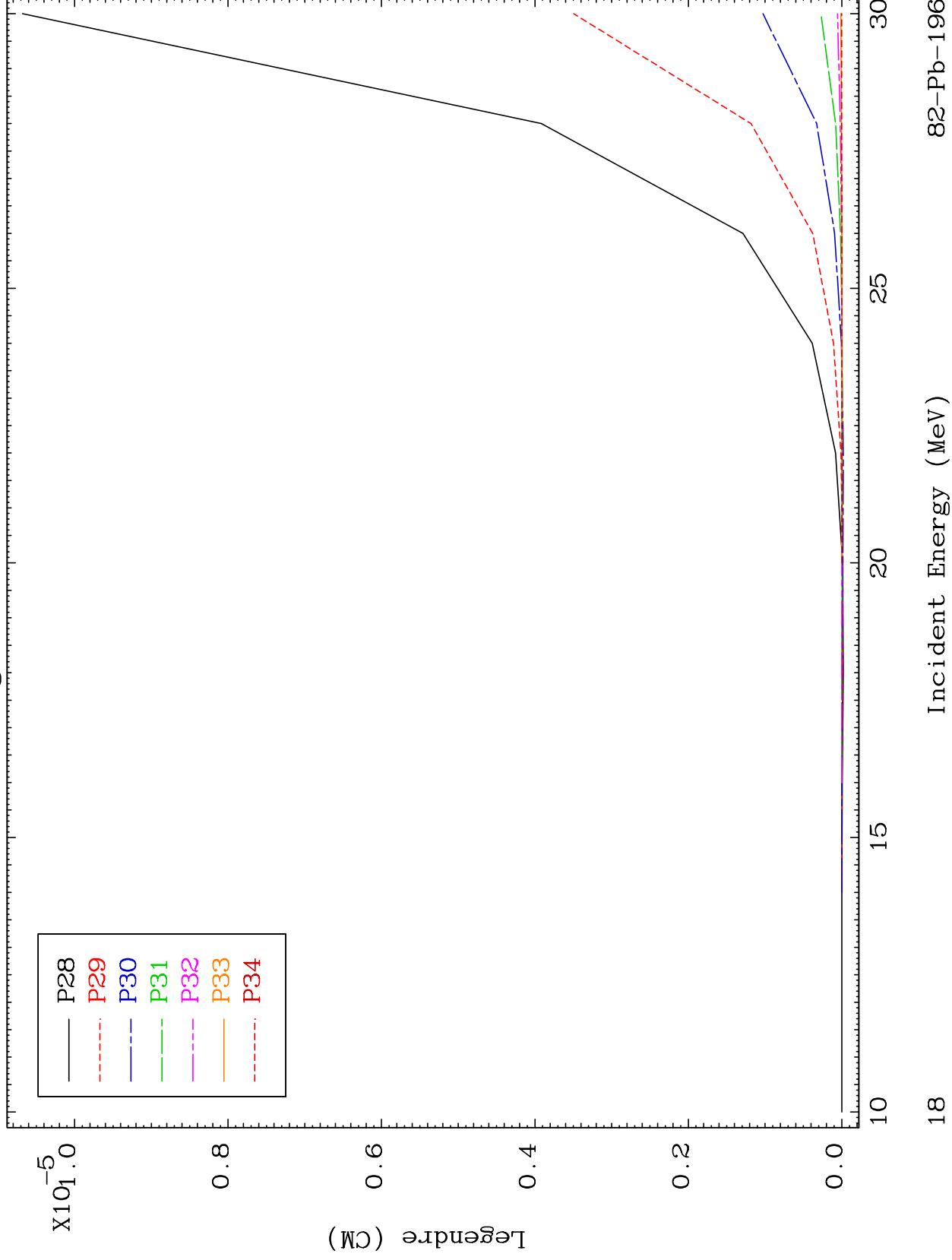
Incident Energy (MeV)

82-Pb-196

MAT 8201

Elastic
Legendre Coefficients

82-Pb-196



82-Pb-196

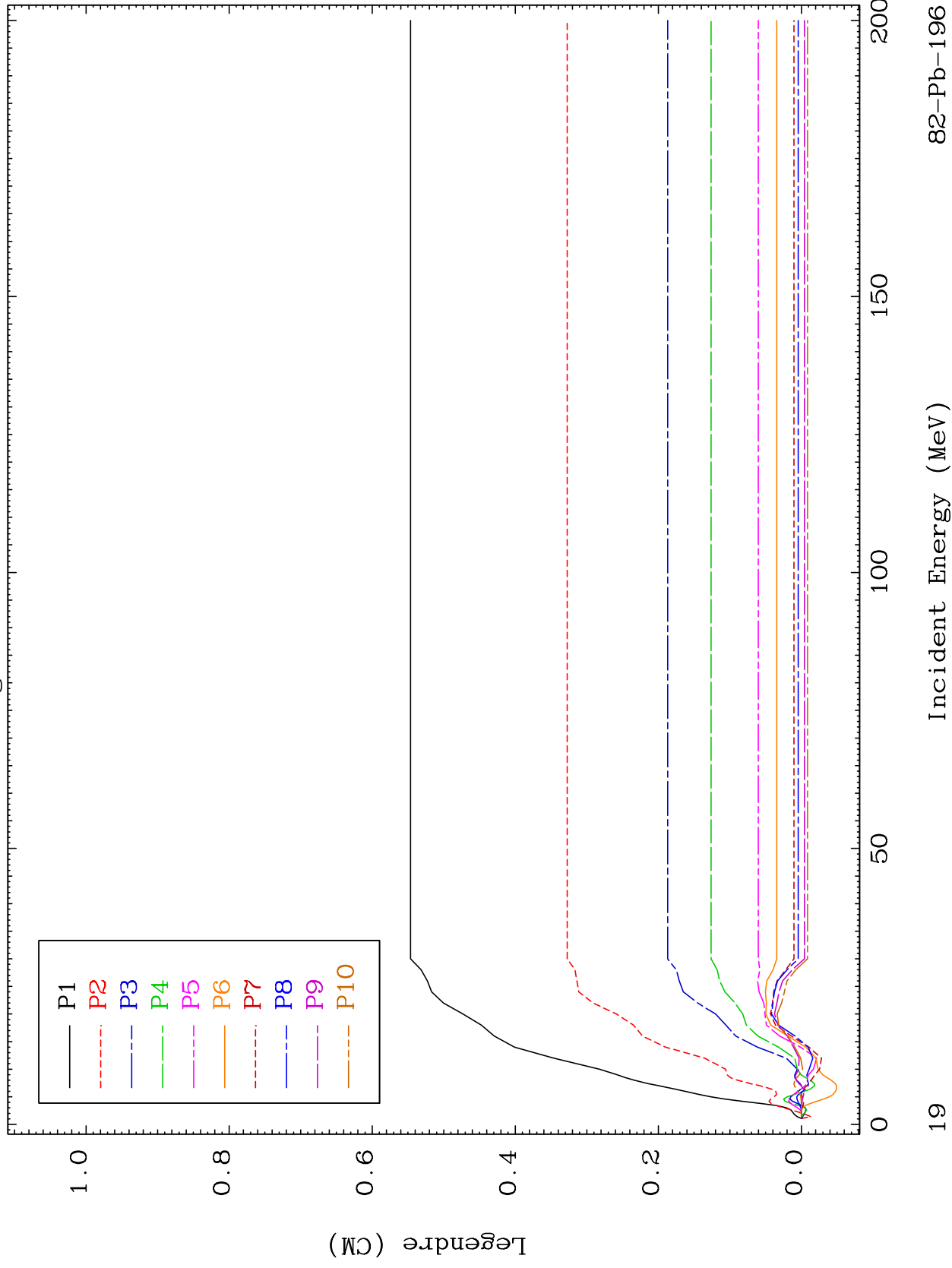
Incident Energy (MeV)

18

MAT 8201

1.049 MeV (n, n') Level
Legendre Coefficients

82-Pb-196



19

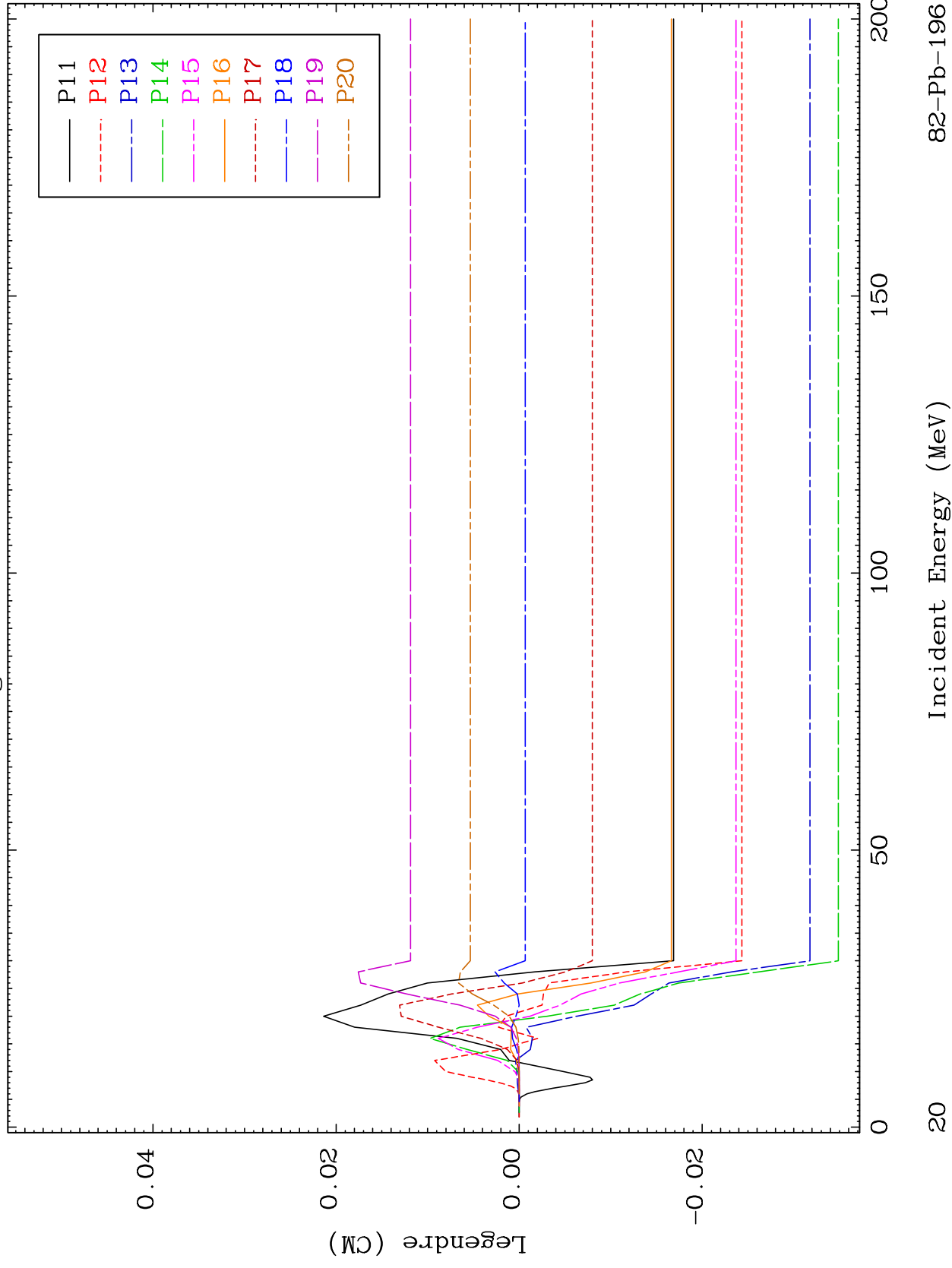
Incident Energy (MeV)

82-Pb-196

MAT 8201

1.049 MeV (n,n') Level
Legendre Coefficients

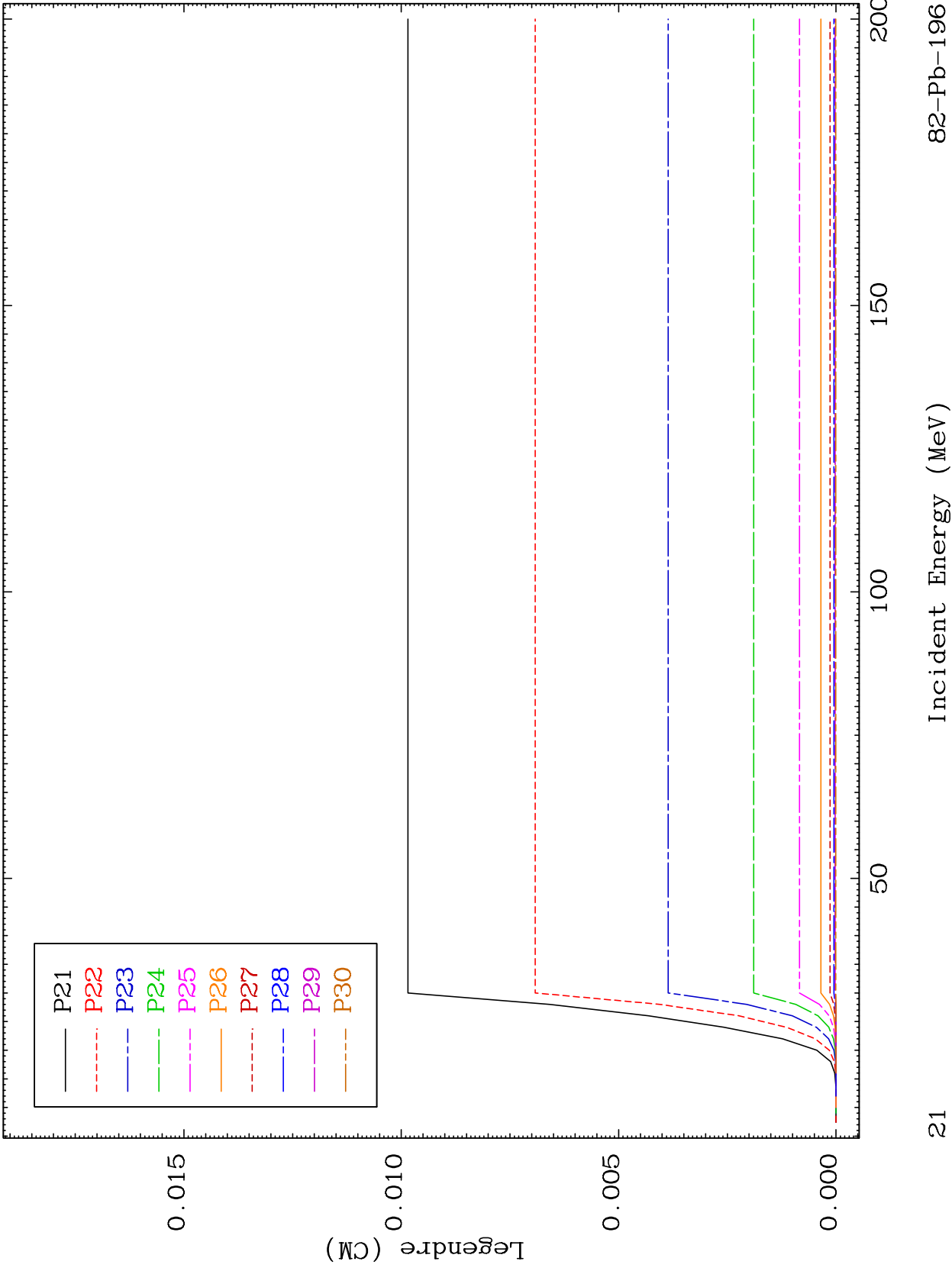
82-Pb-196

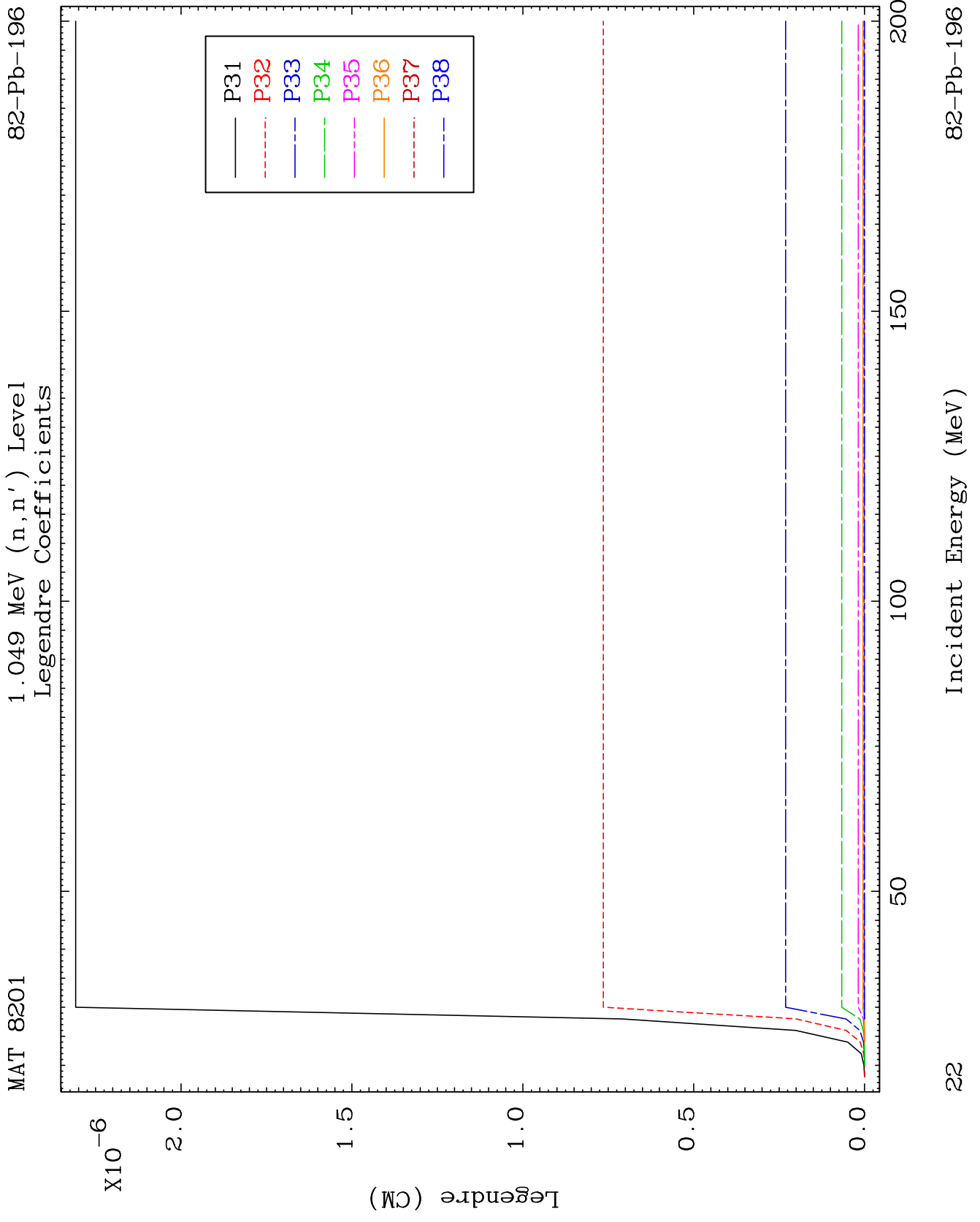


82-Pb-196

Incident Energy (MeV)

20

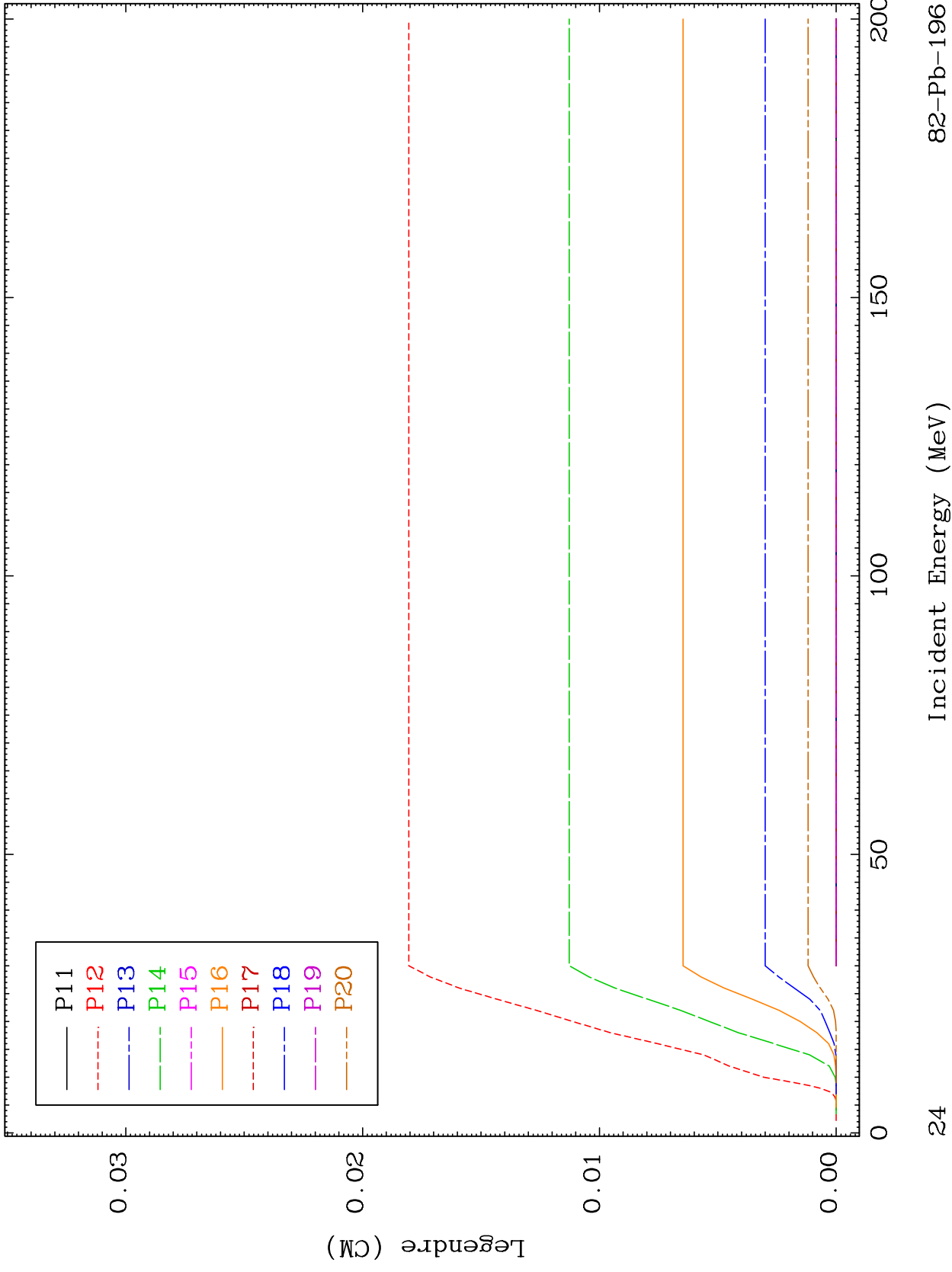




MAT 8201

1.143 MeV (n, n') Level
Legendre Coefficients

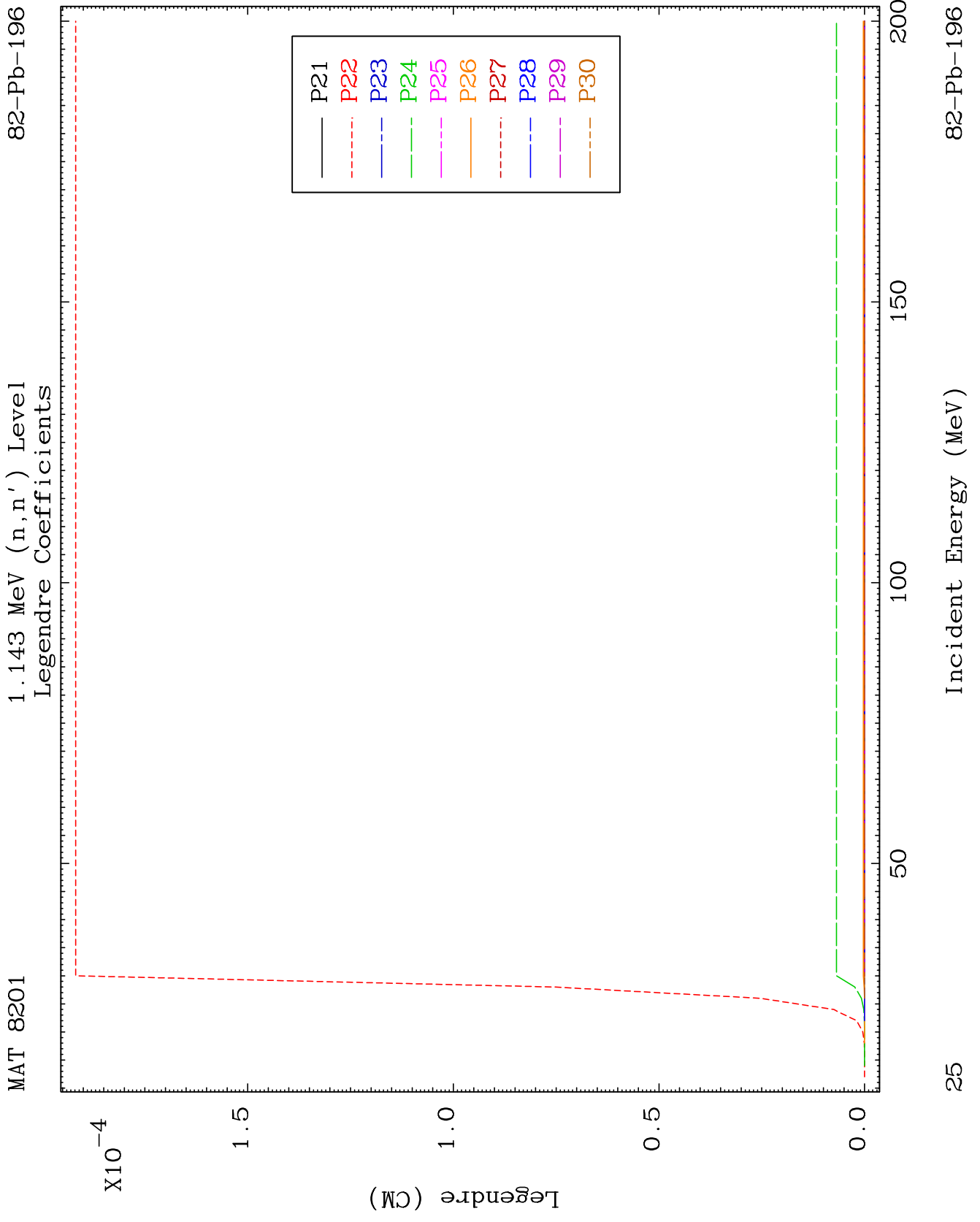
82-Pb-196



24

Incident Energy (MeV)

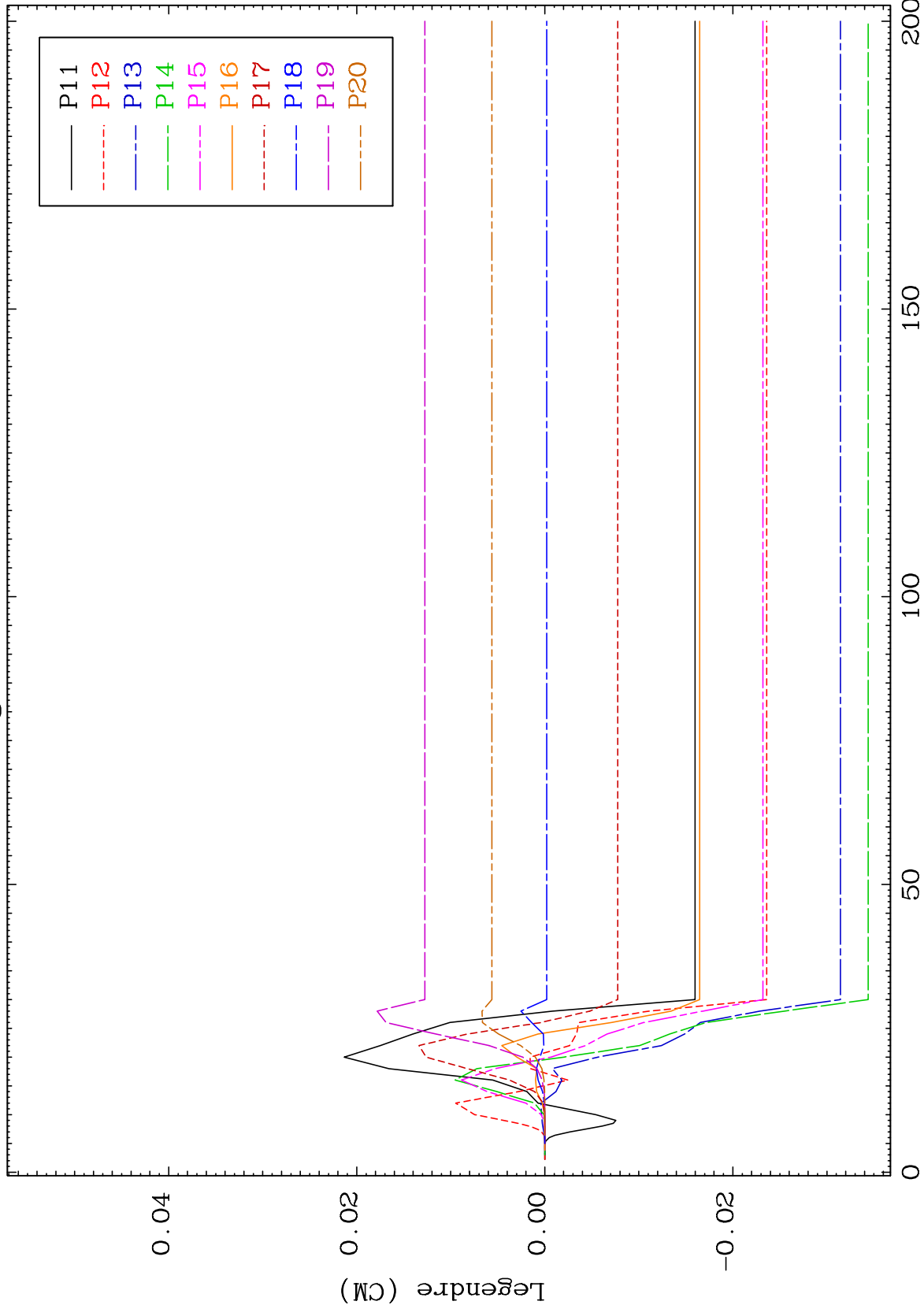
82-Pb-196



MAT 8201

1.450 MeV (n,n') Level
Legendre Coefficients

82-Pb-196



27

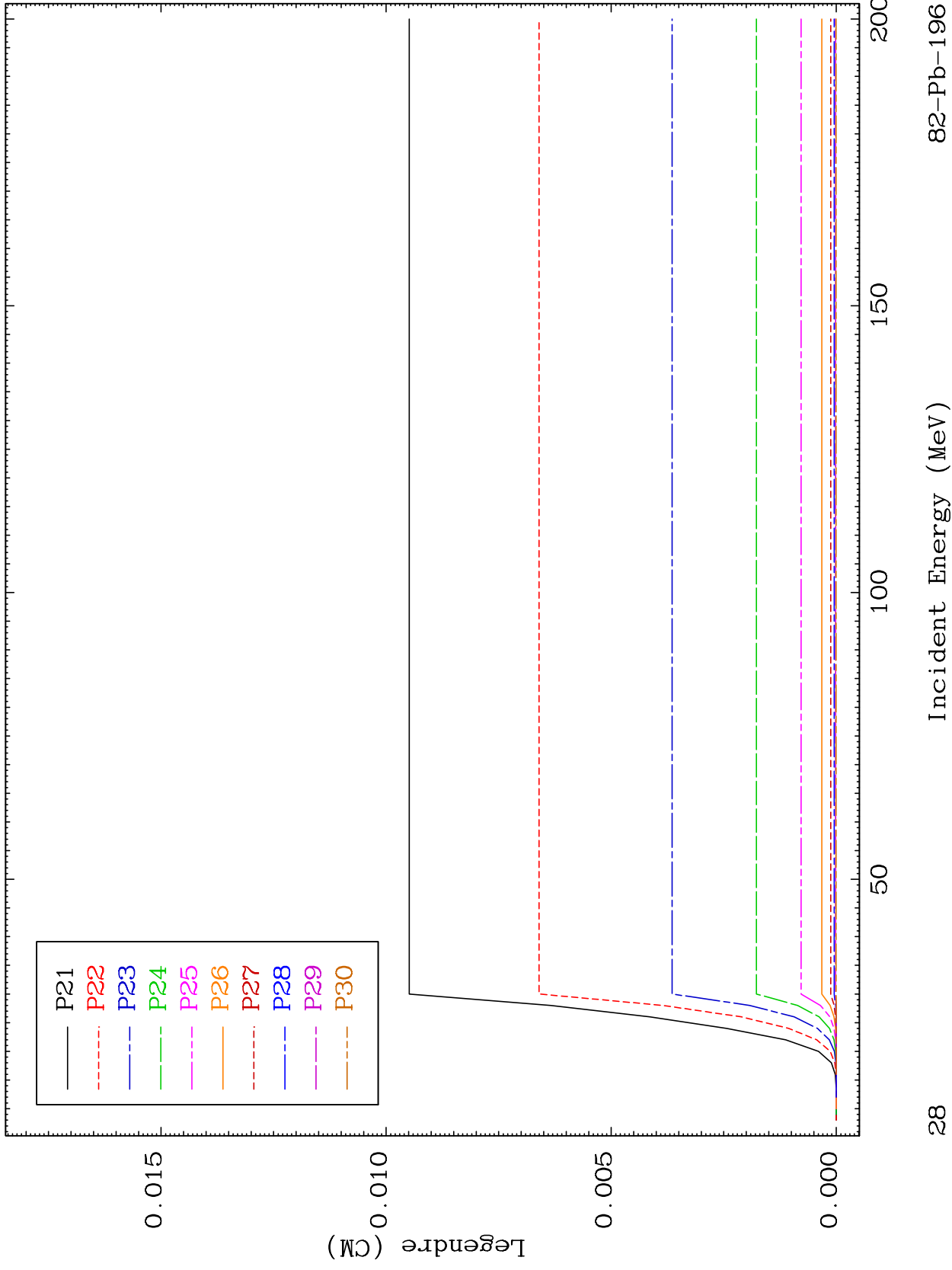
Incident Energy (MeV)

82-Pb-196

MAT 8201

1.450 MeV (n,n') Level
Legendre Coefficients

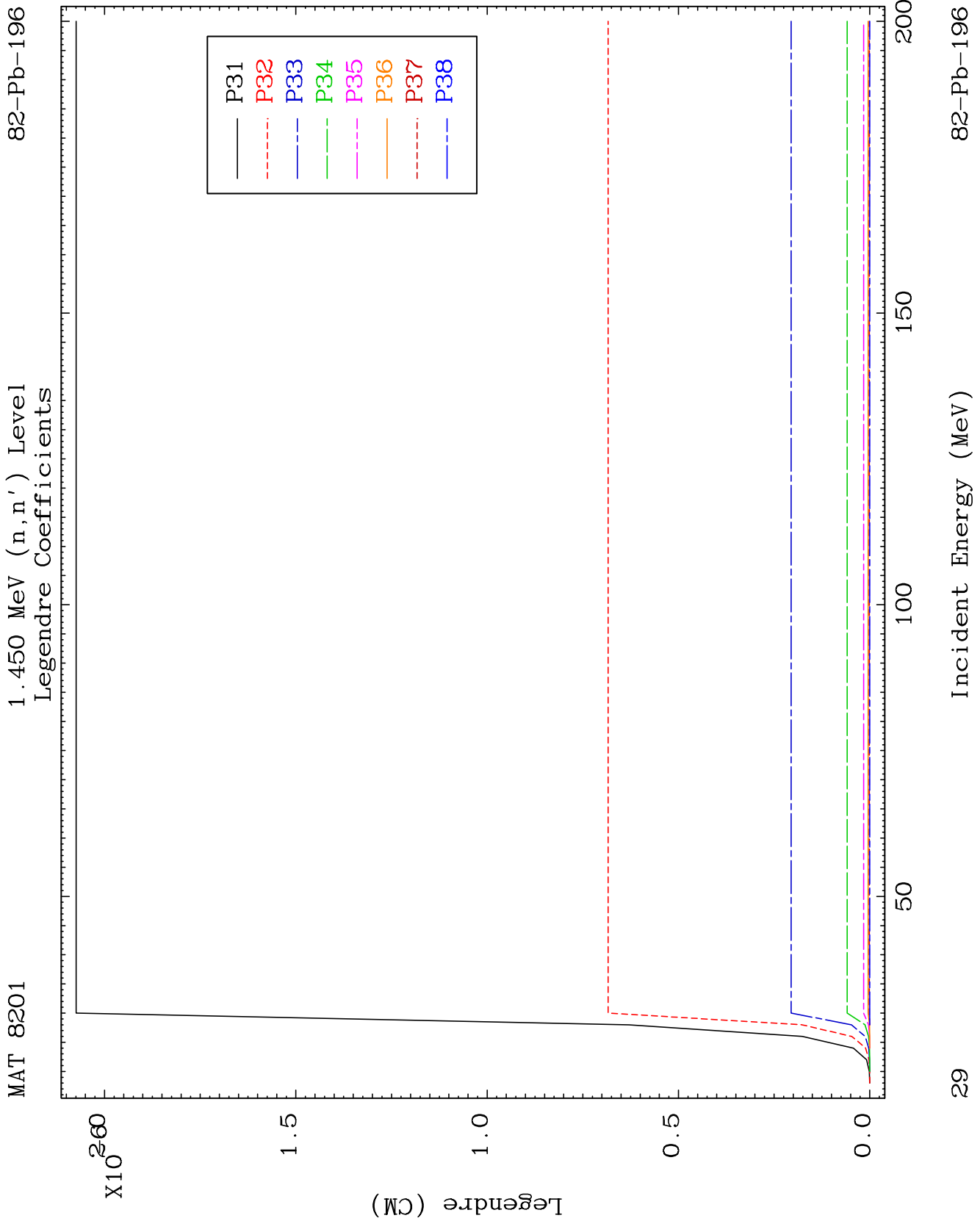
82-Pb-196

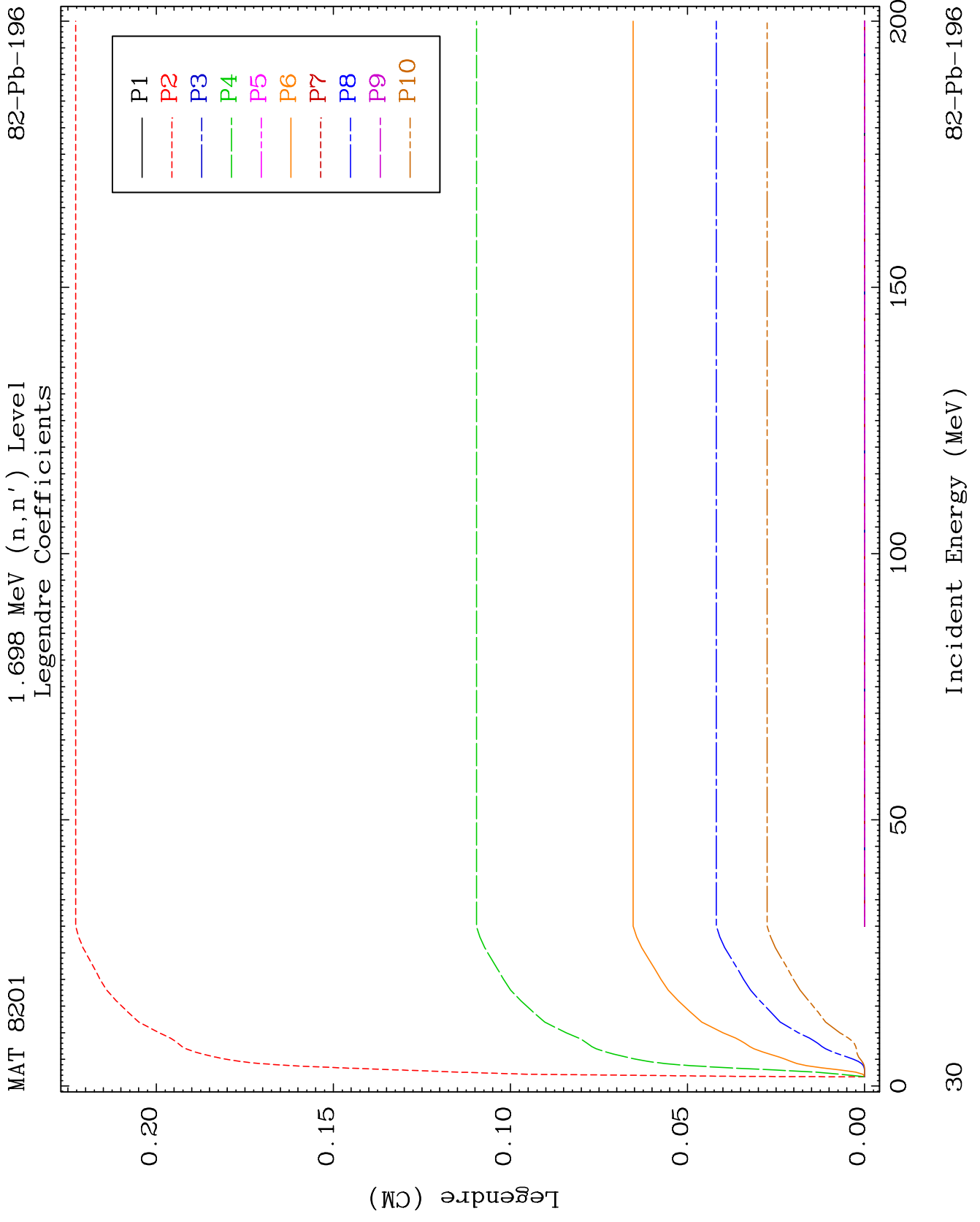


28

Incident Energy (MeV)

82-Pb-196

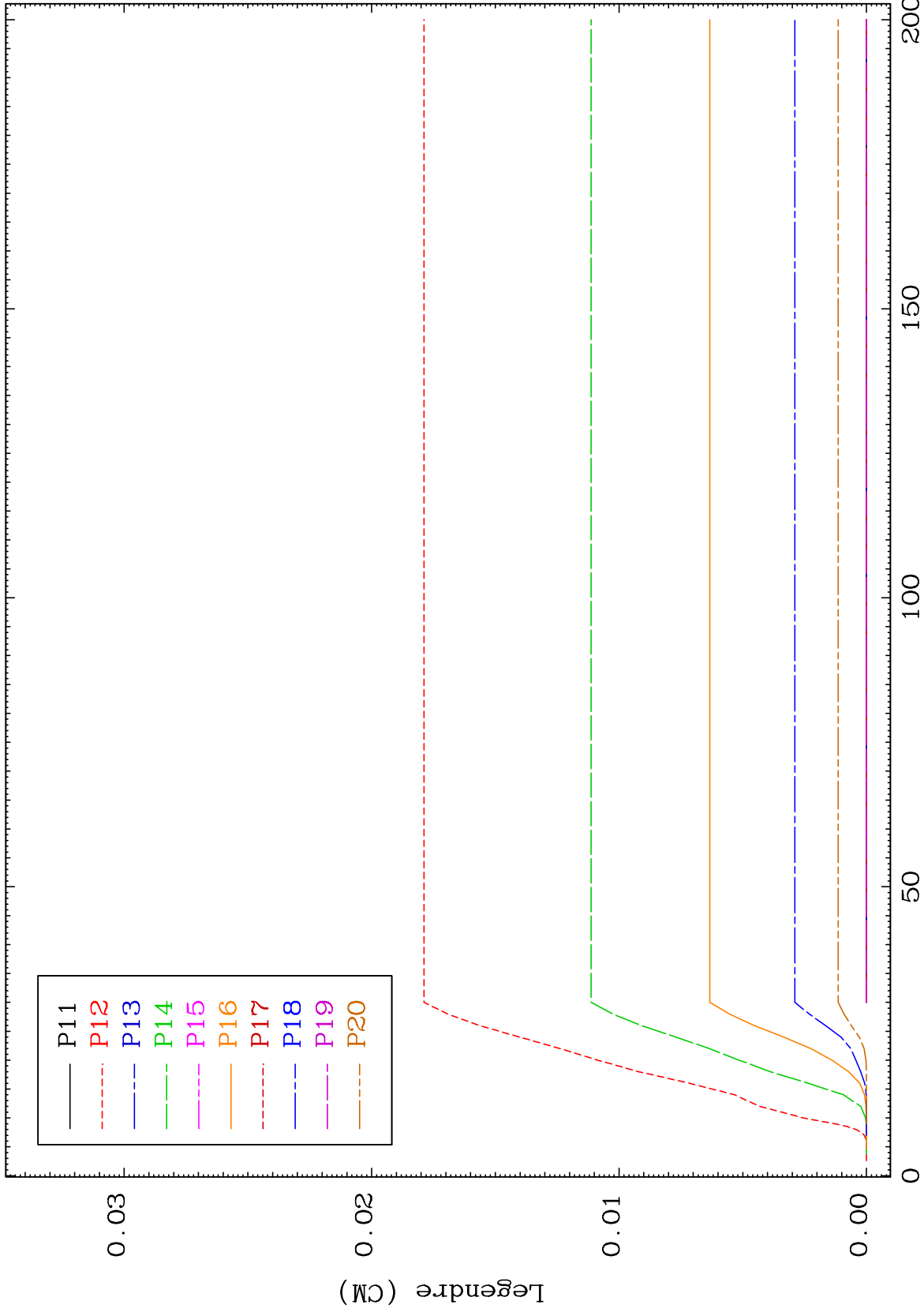




MAT 8201

1.698 MeV (n,n') Level
Legendre Coefficients

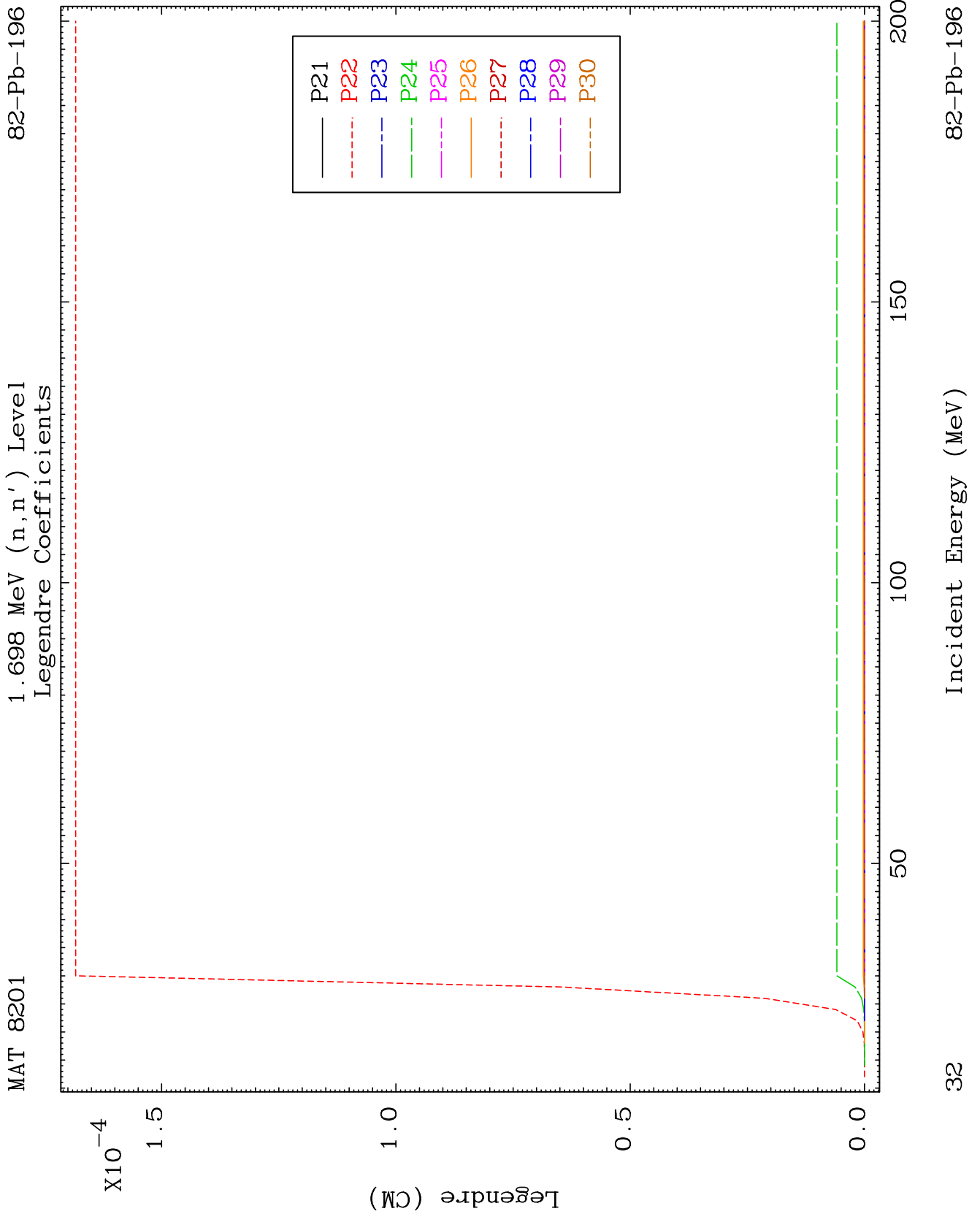
82-Pb-196

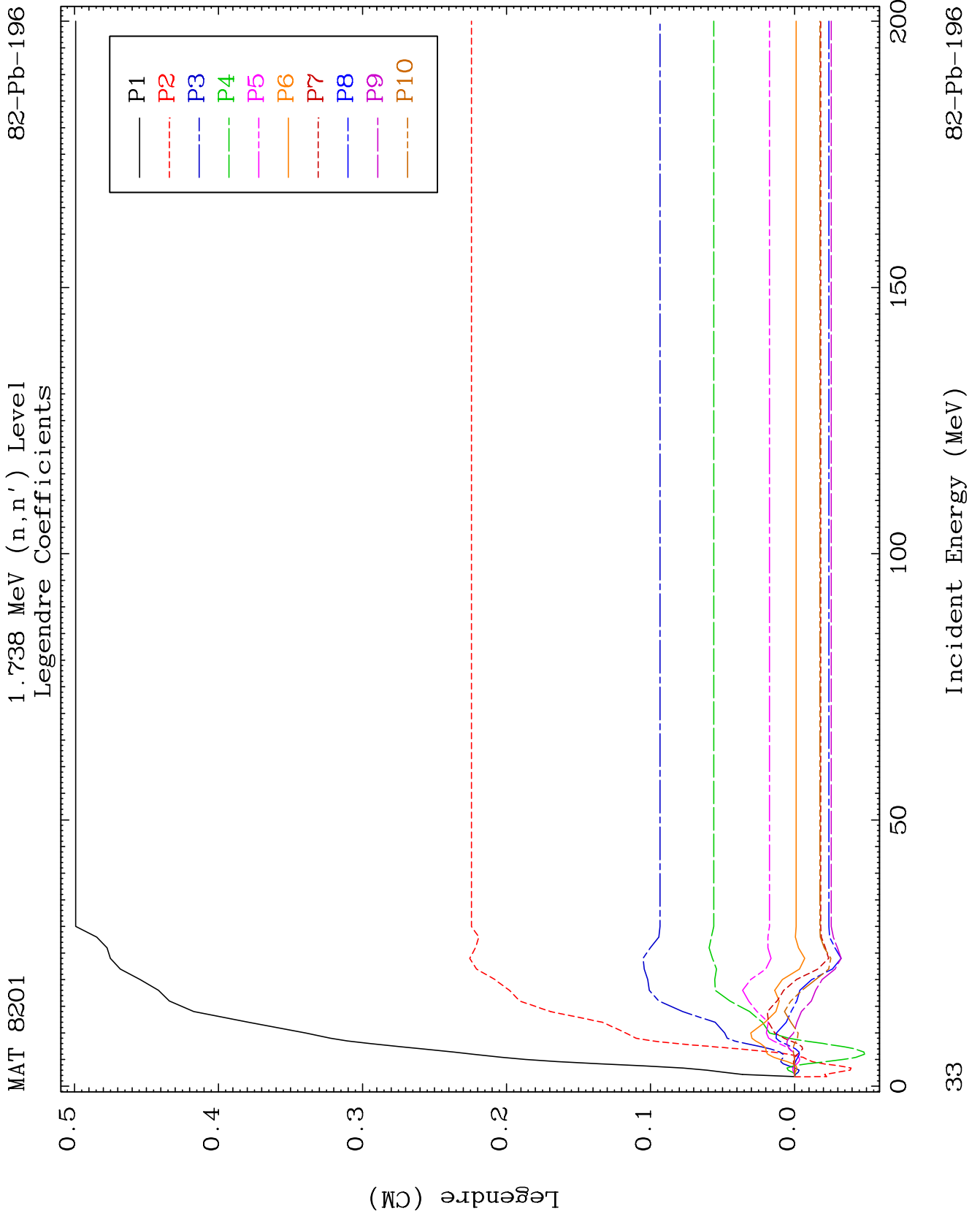


31

Incident Energy (MeV)

82-Pb-196

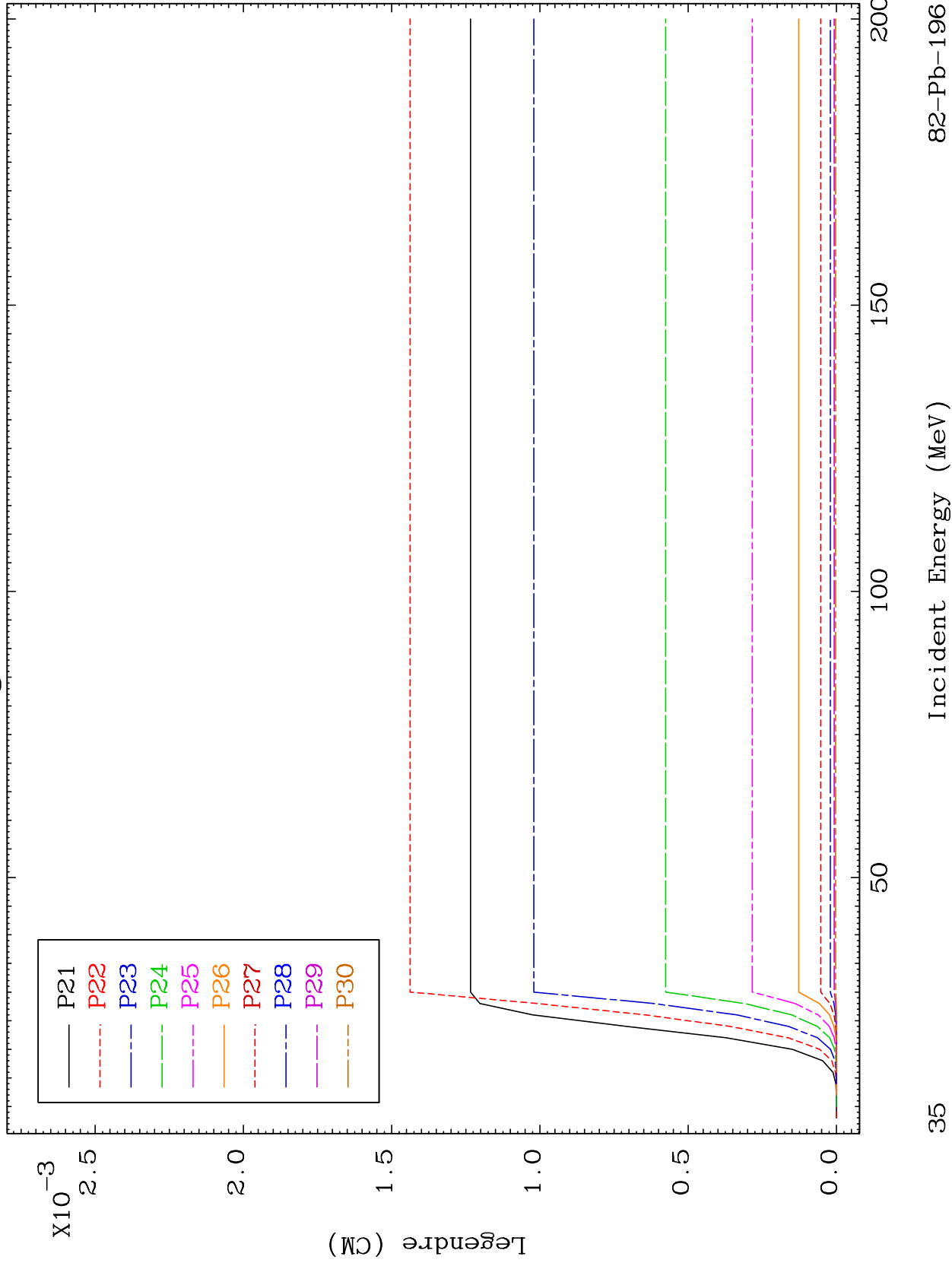




MAT 8201

1.738 MeV (n,n') Level
Legendre Coefficients

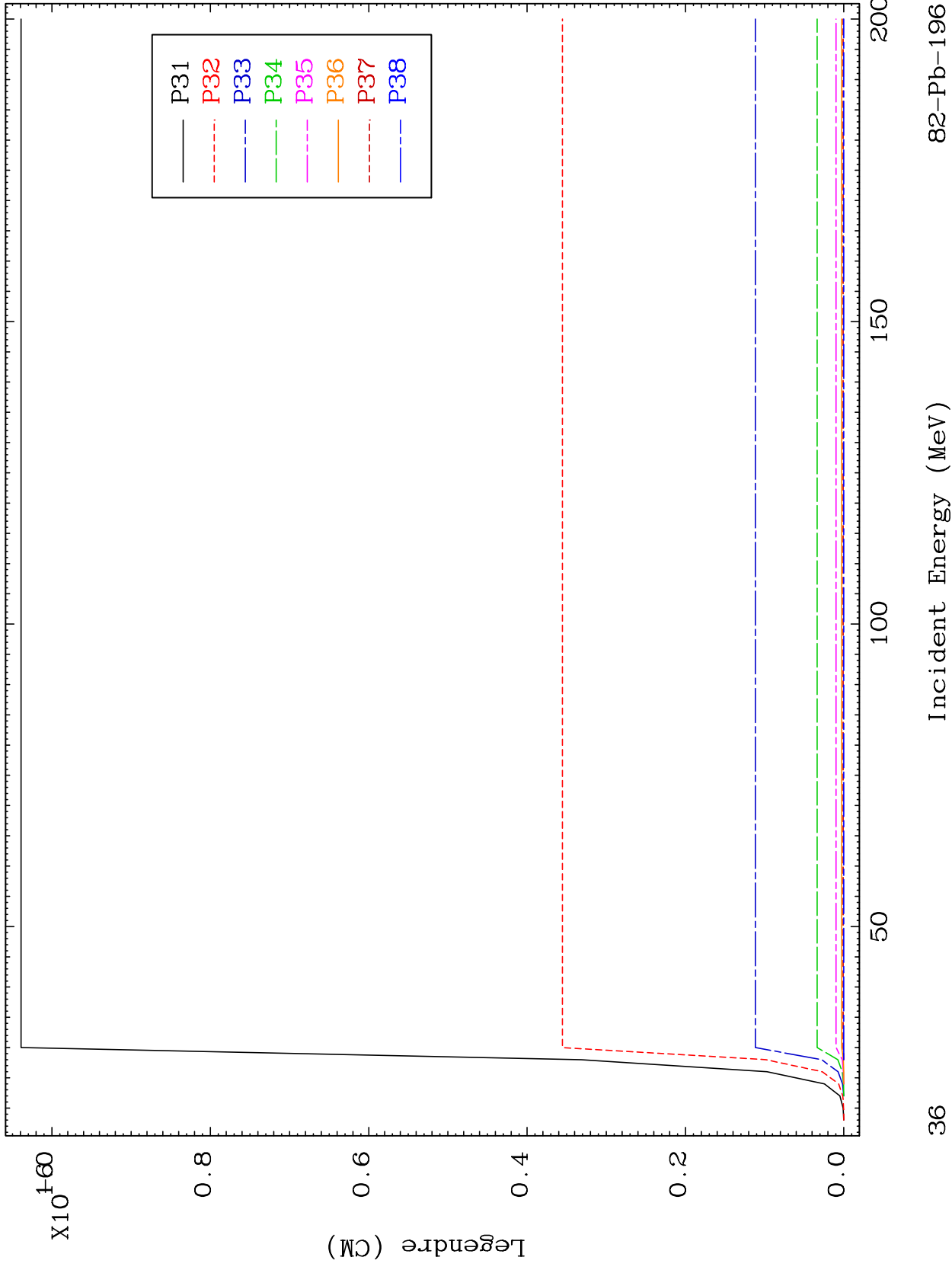
82-Pb-196

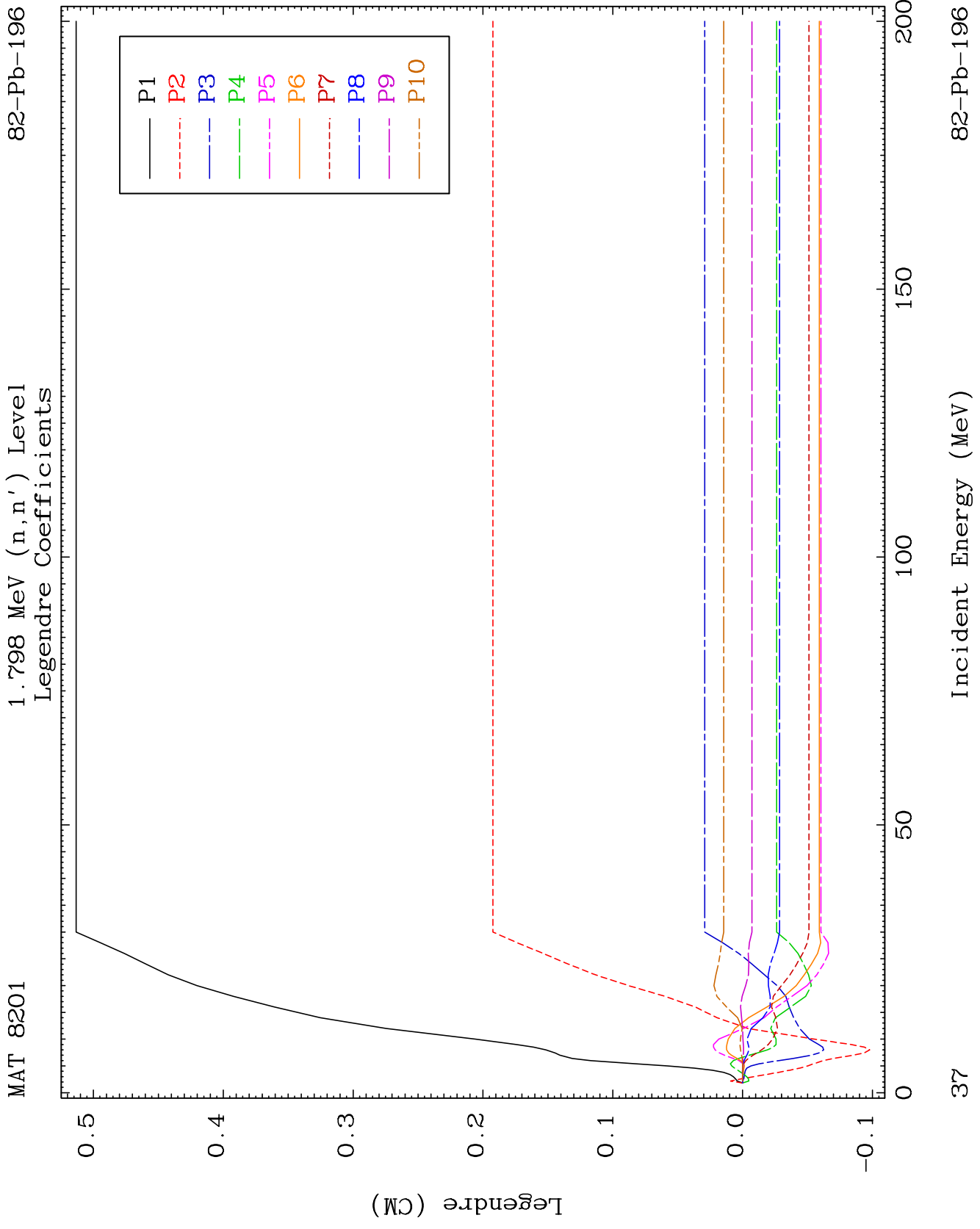


35

Incident Energy (MeV)

82-Pb-196

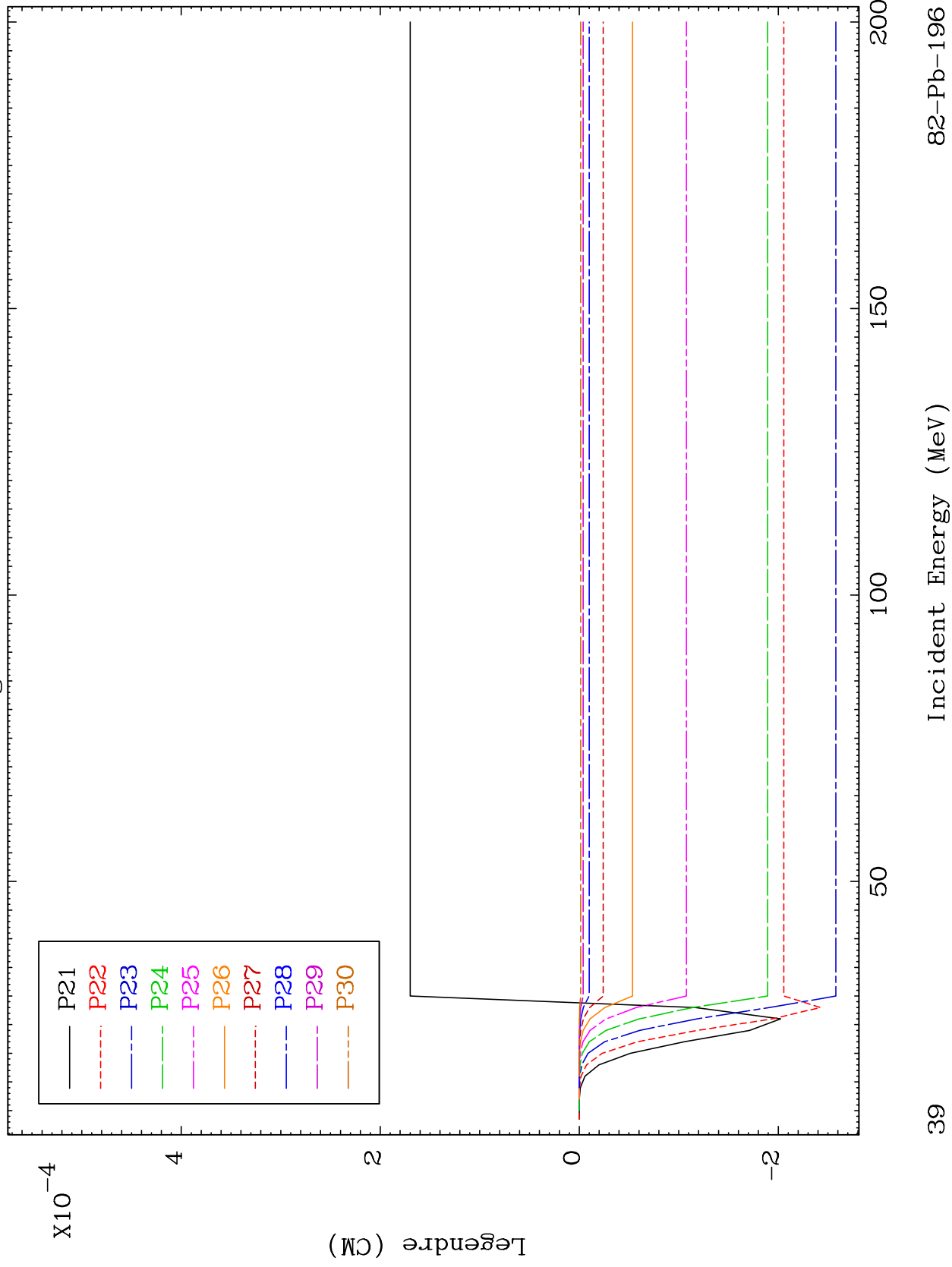


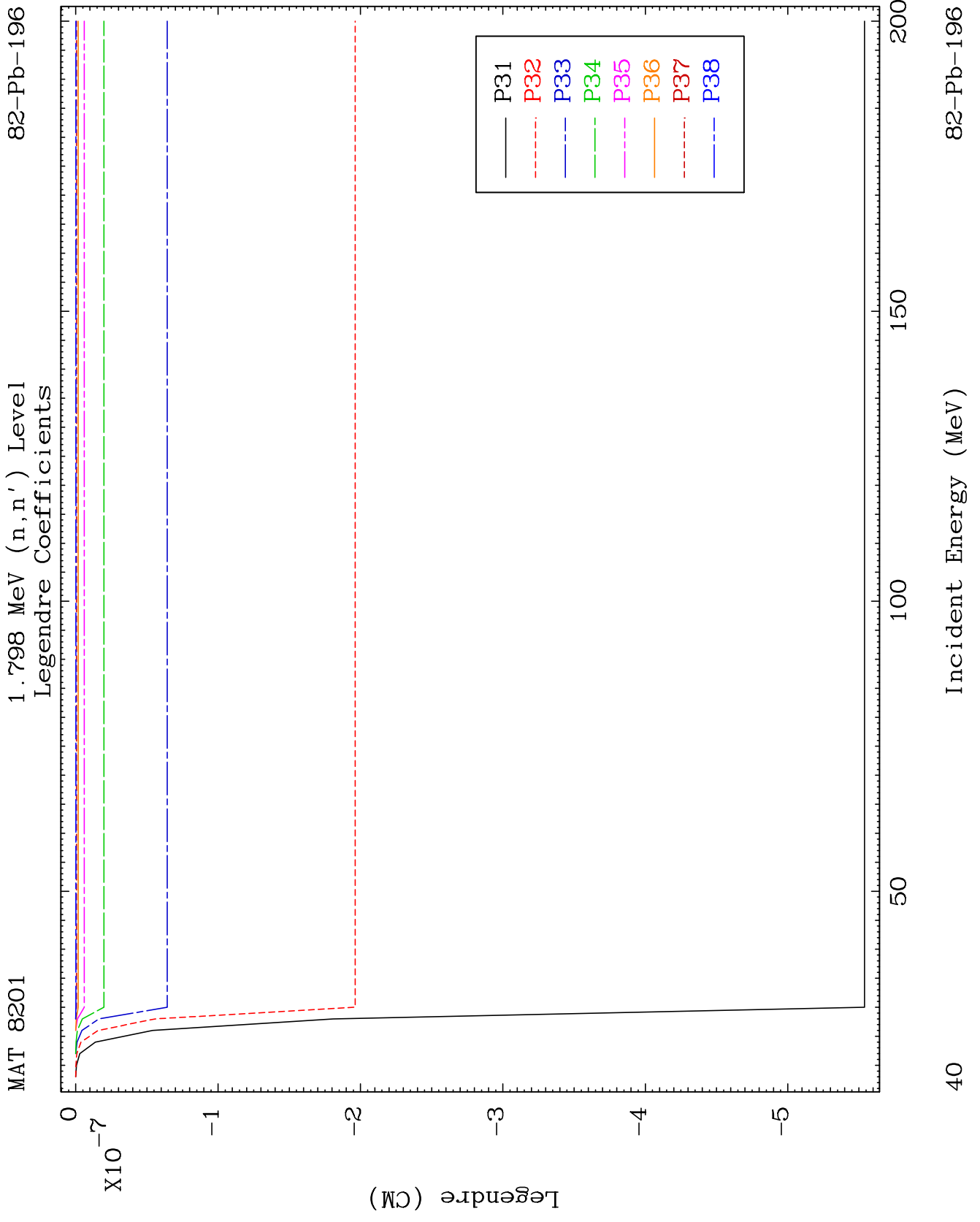


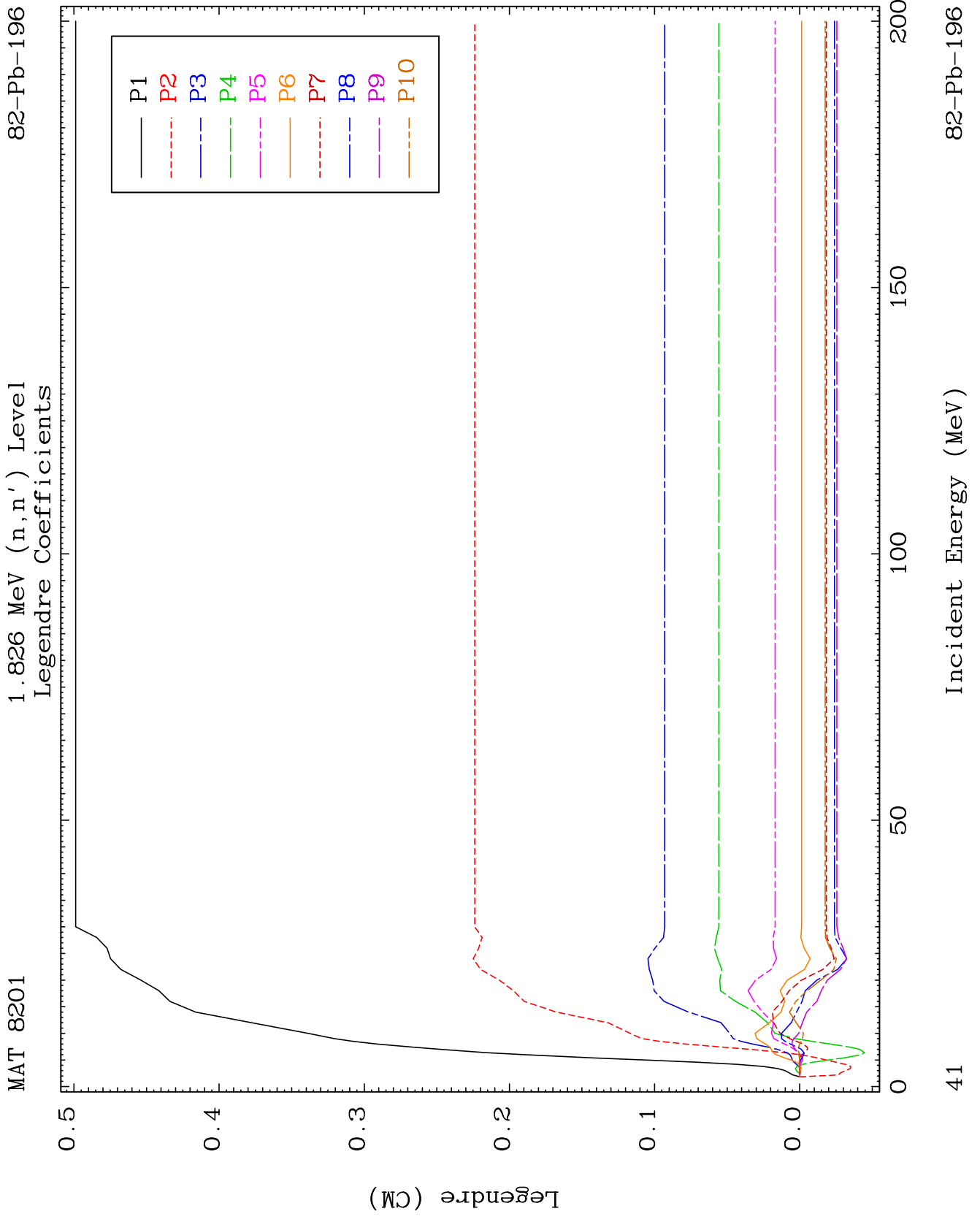
MAT 8201

1.798 MeV (n,n') Level
Legendre Coefficients

82-Pb-196



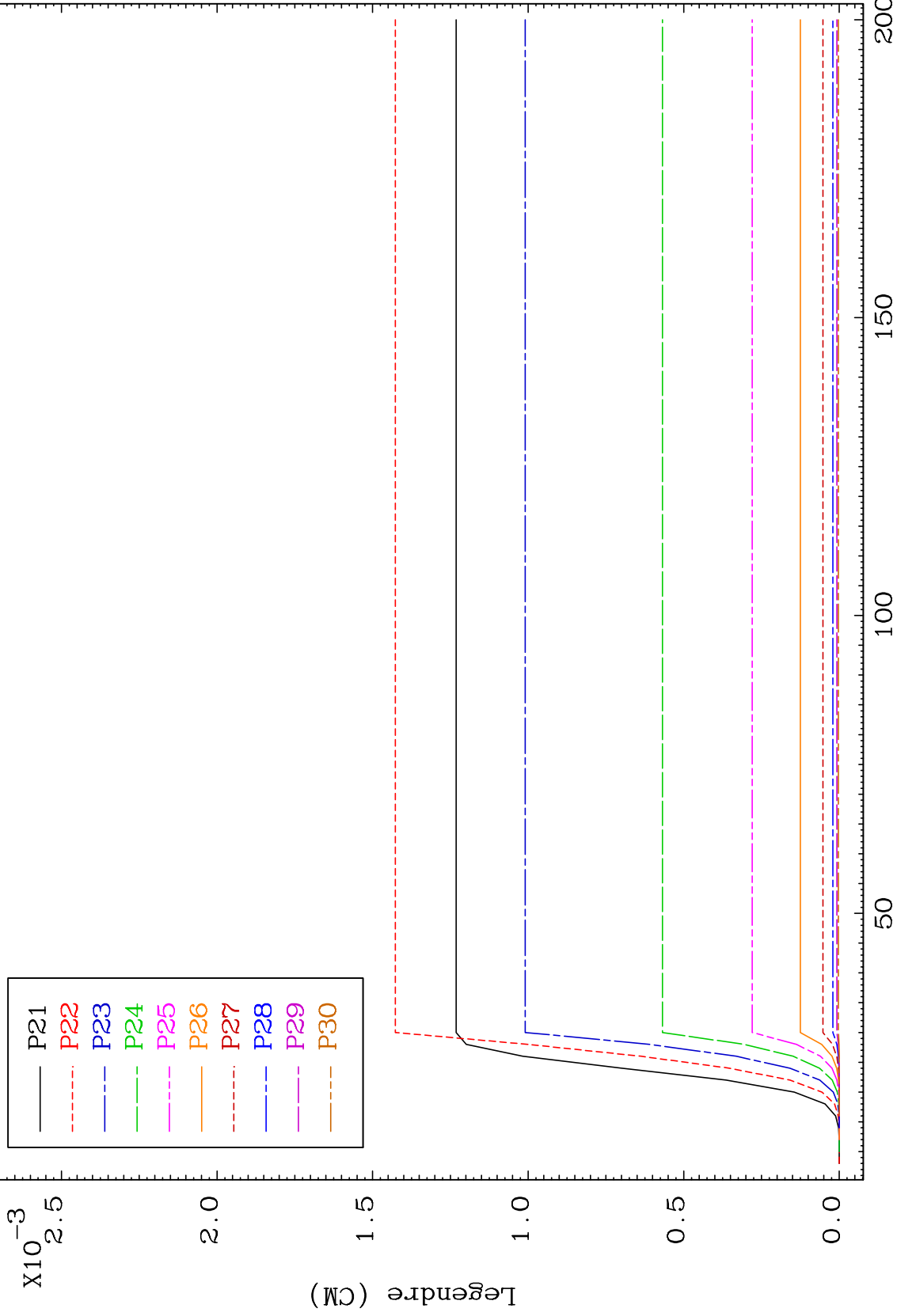
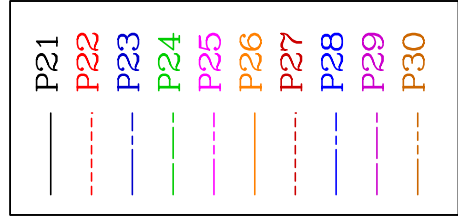


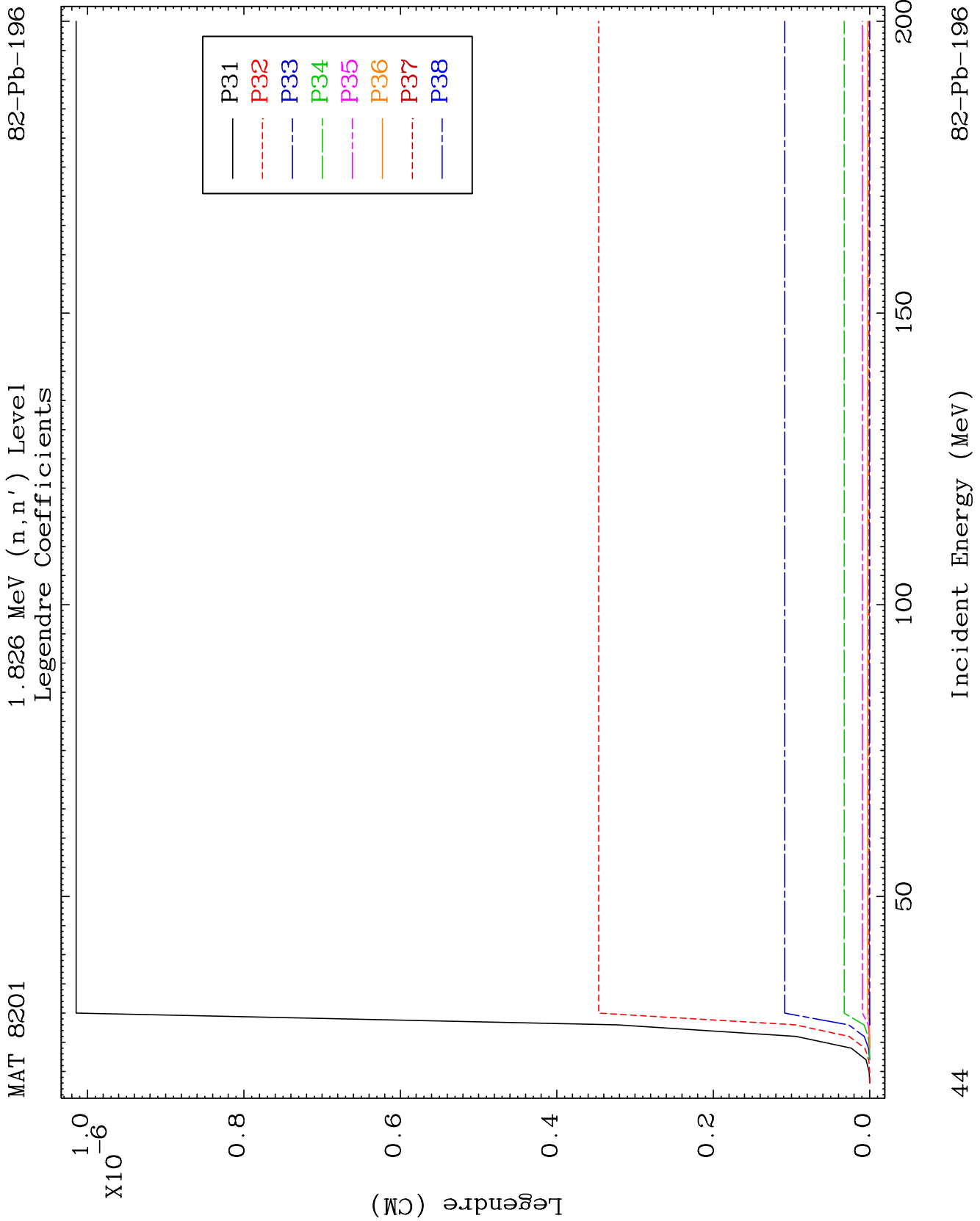


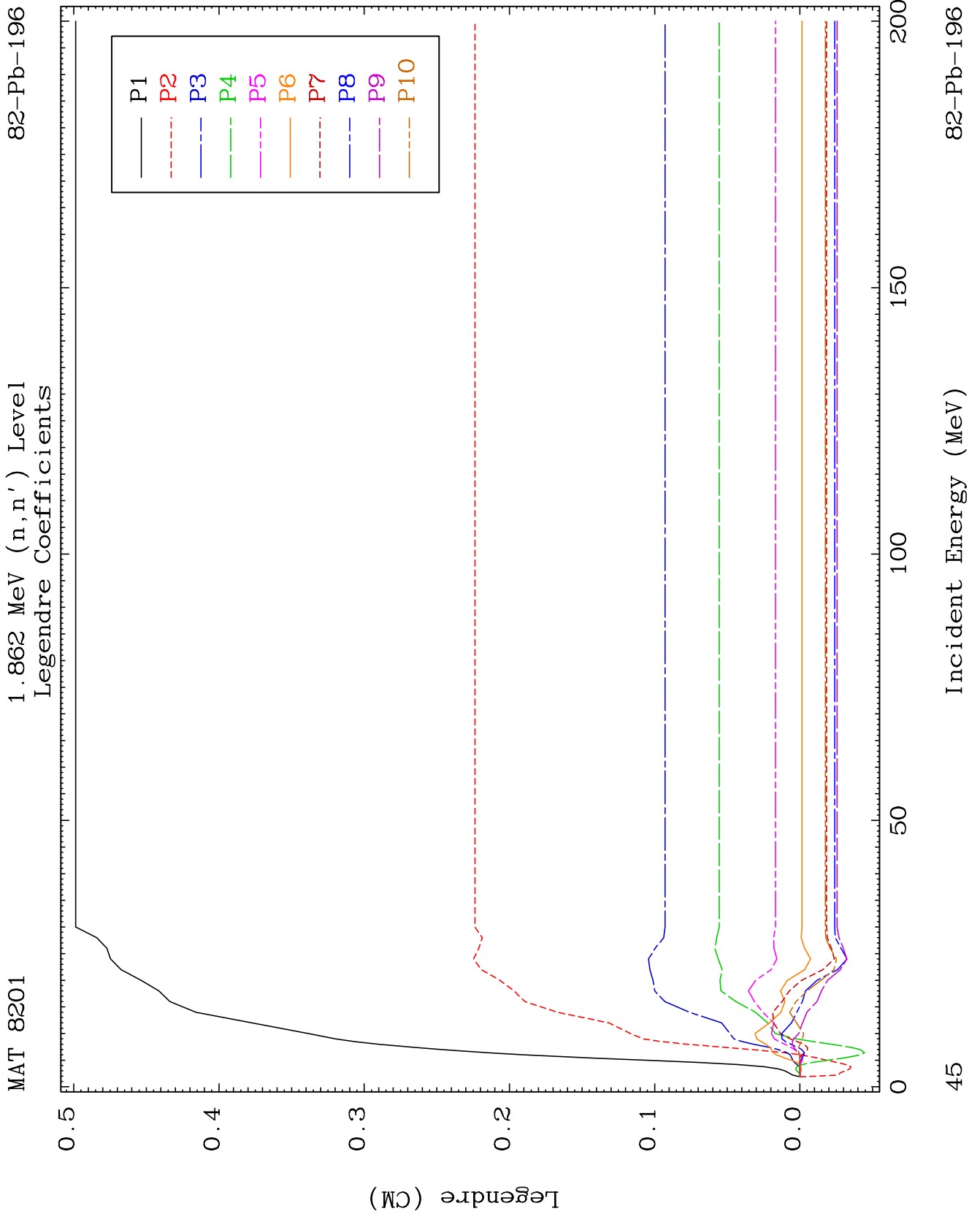
MAT 8201

1.826 MeV (n,n') Level
Legendre Coefficients

82-Pb-196



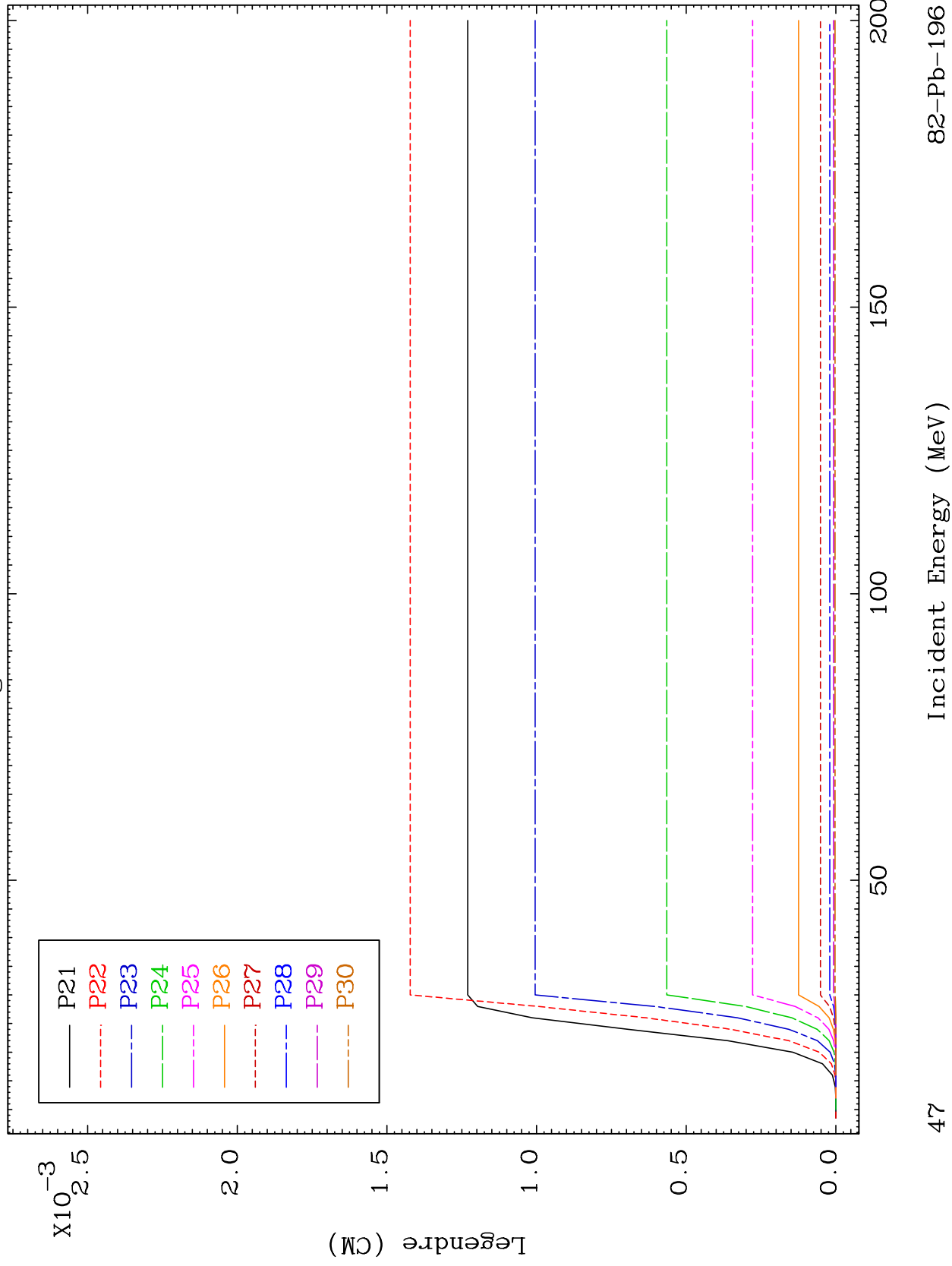


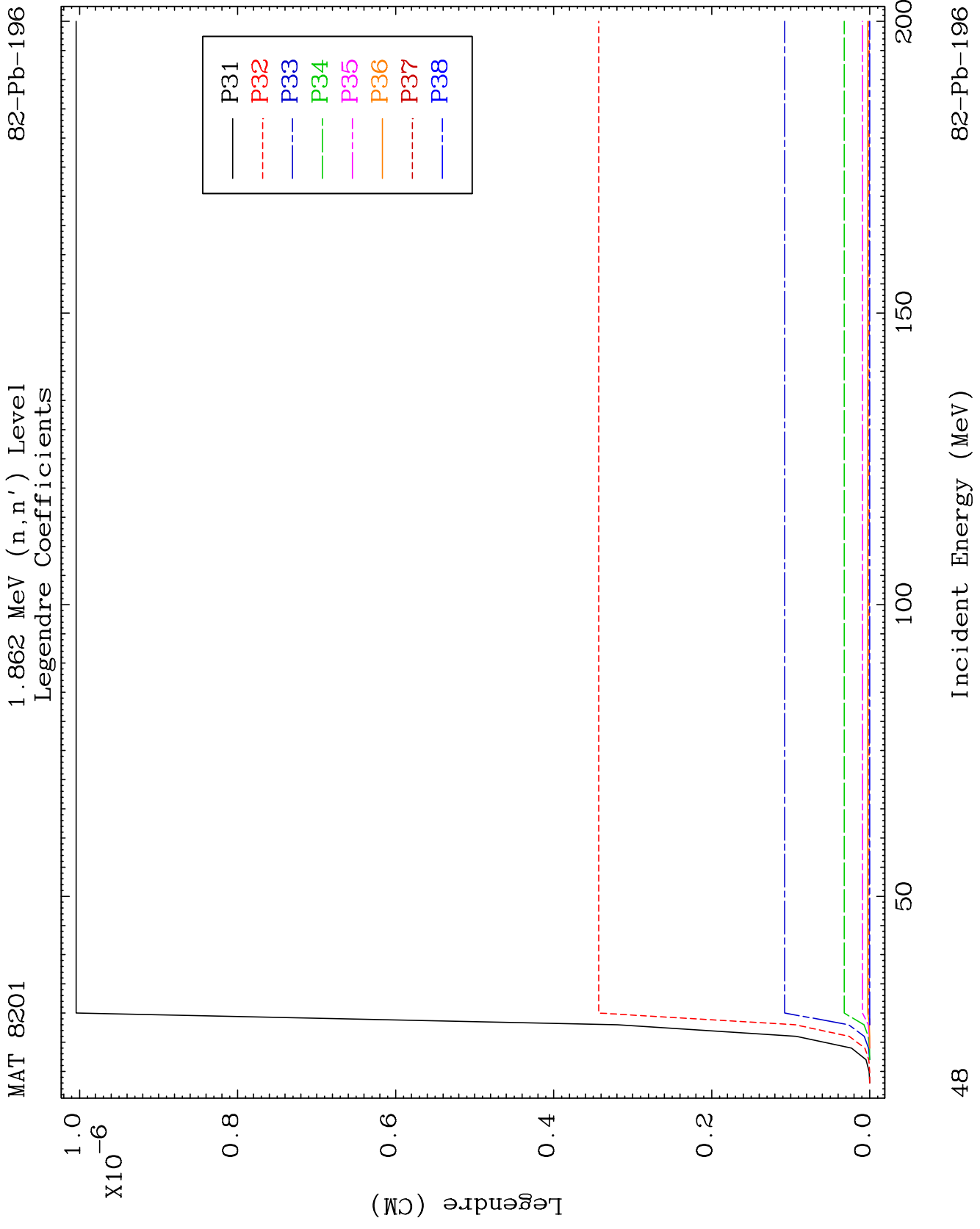


MAT 8201

1.862 MeV (n,n') Level
Legendre Coefficients

82-Pb-196

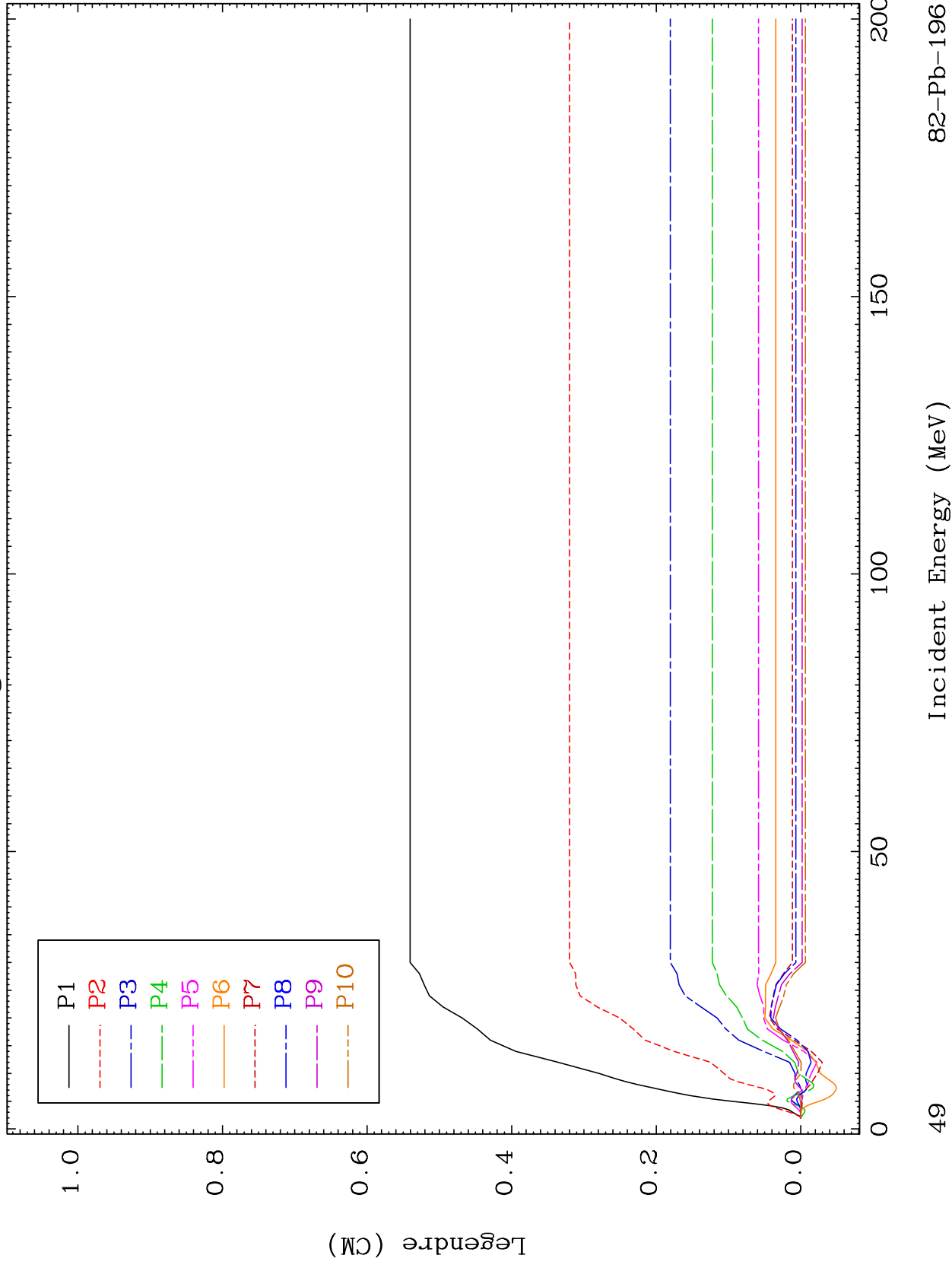




MAT 8201

1.896 MeV (n,n') Level
Legendre Coefficients

82-Pb-196



49

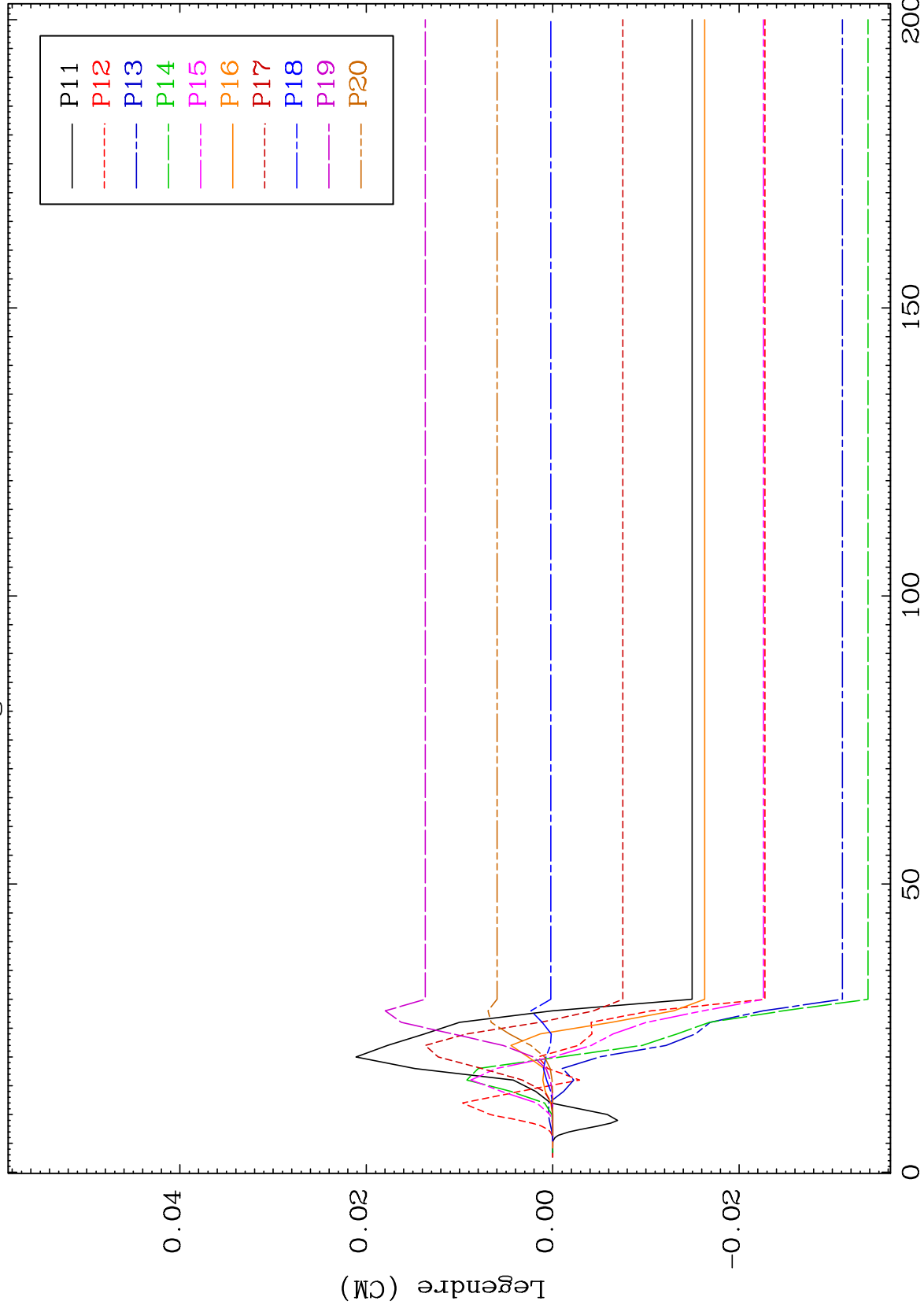
Incident Energy (MeV)

82-Pb-196

MAT 8201

1.896 MeV (n,n') Level Legendre Coefficients

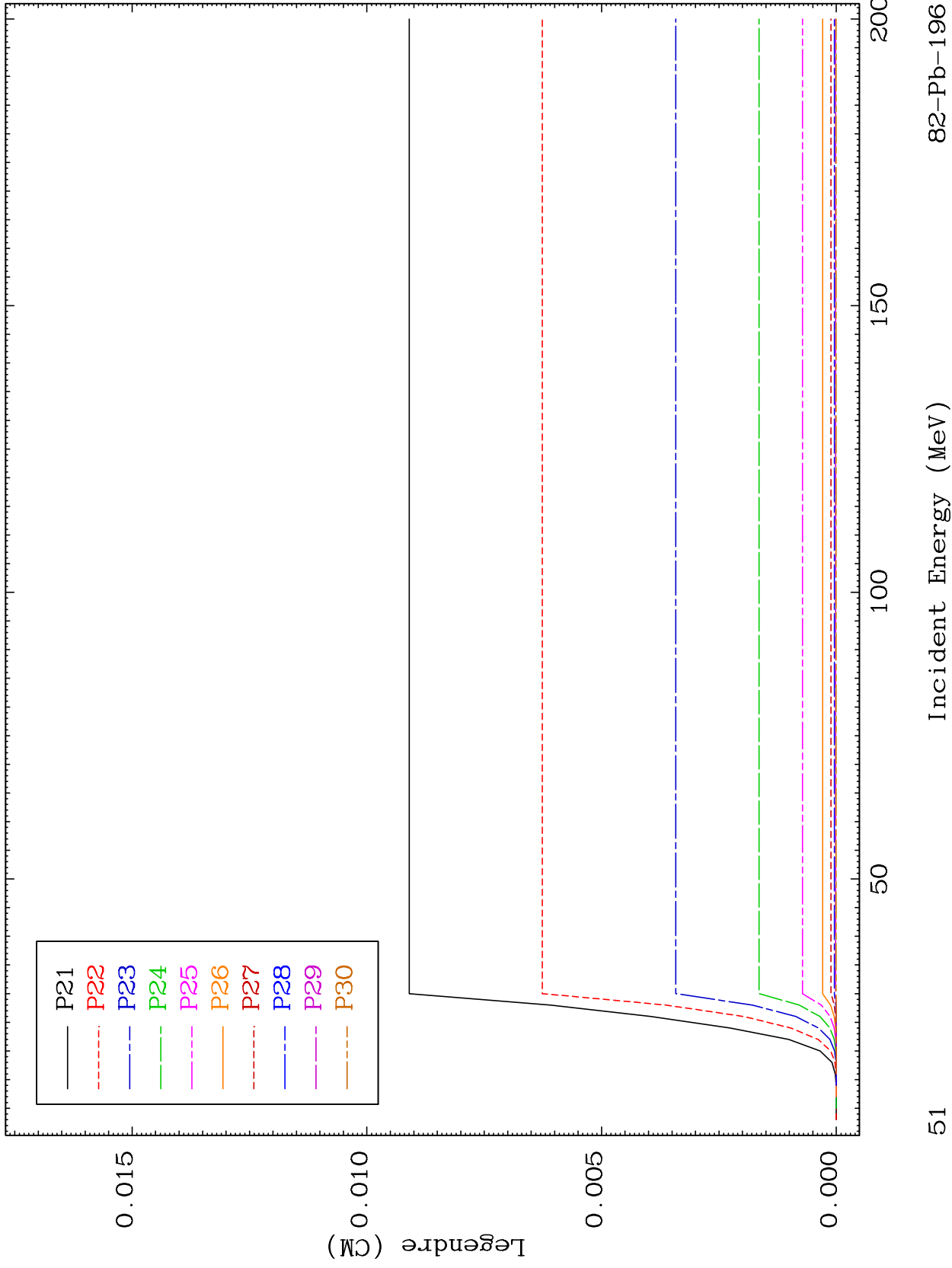
82-Pb-196

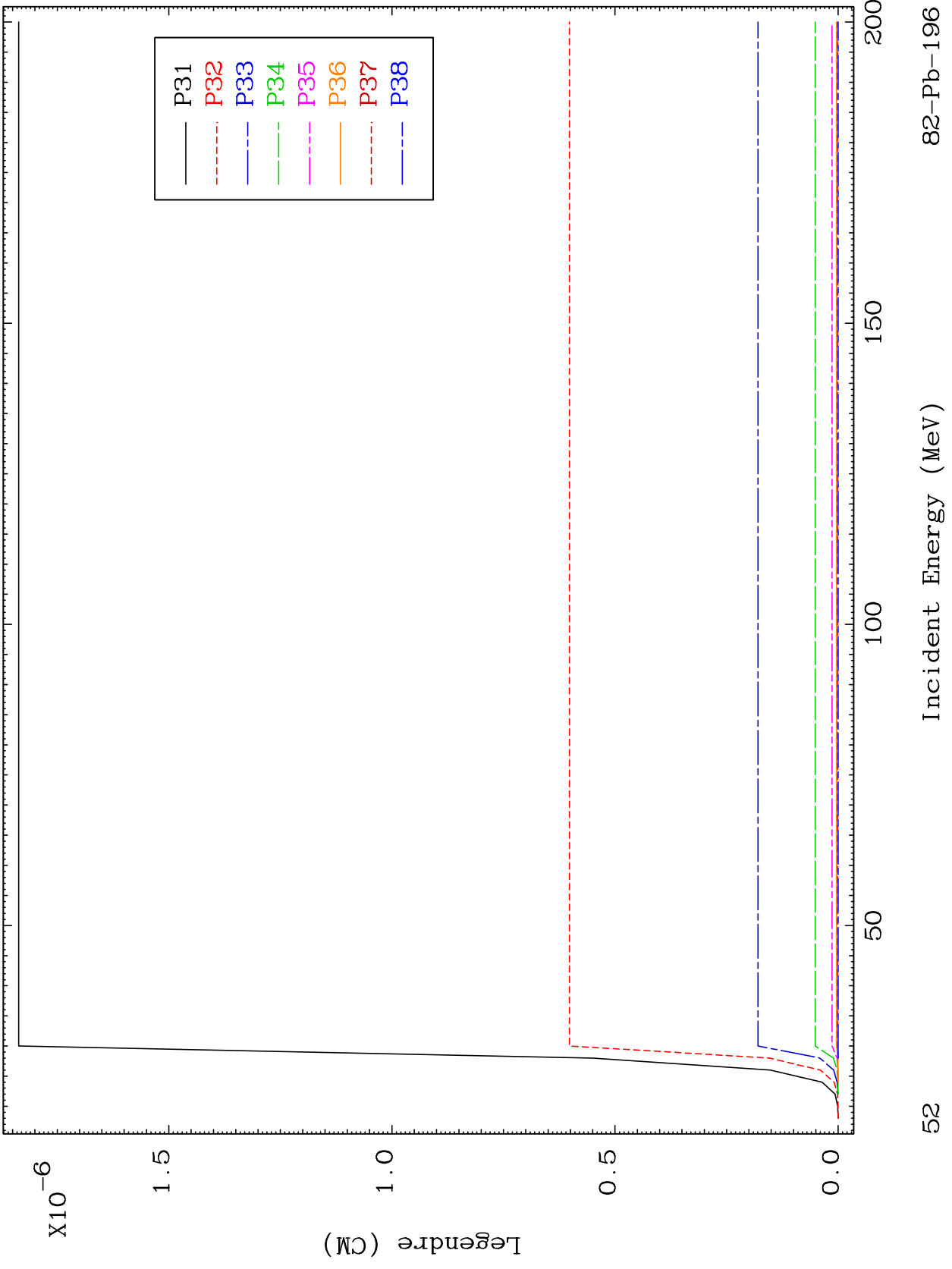


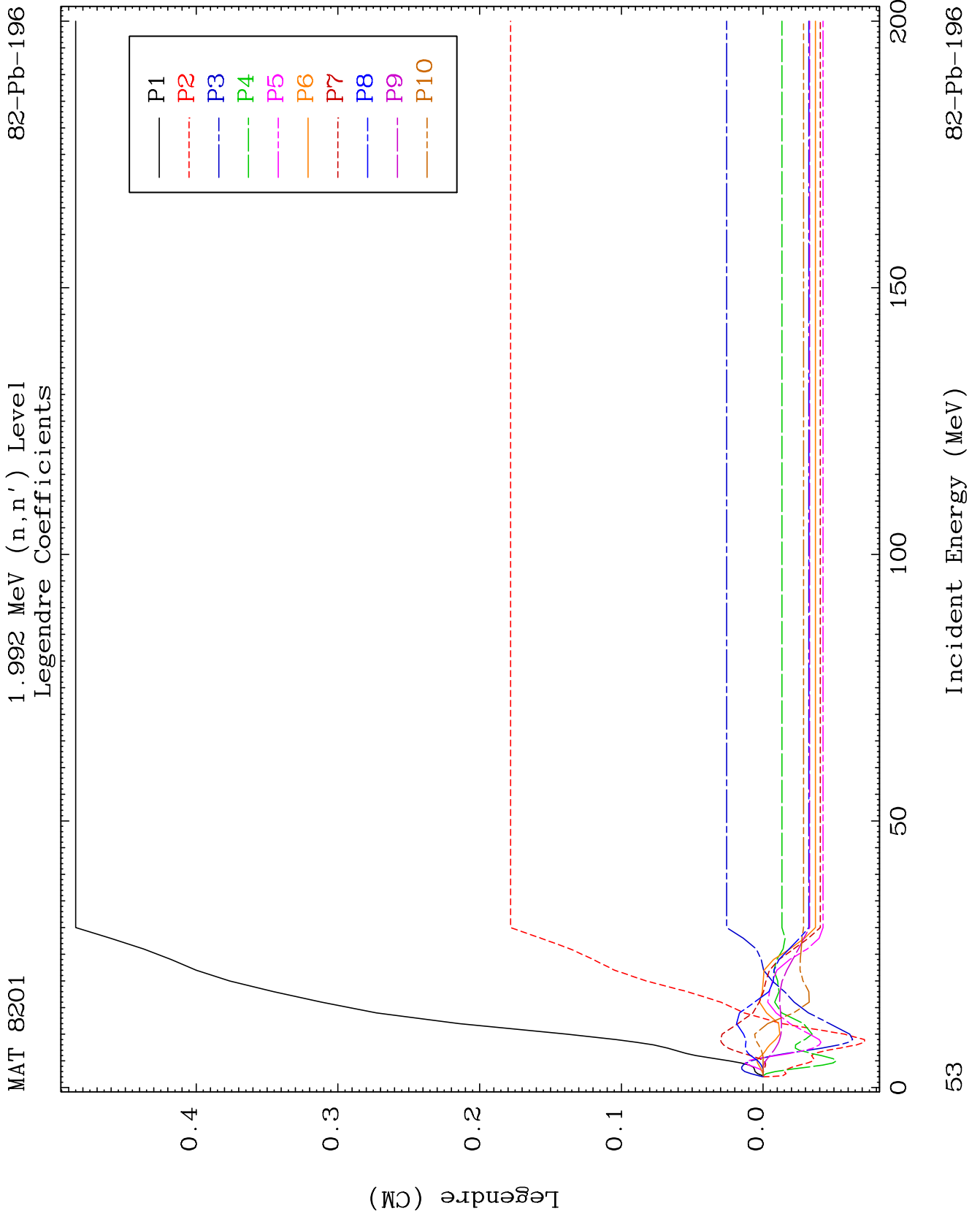
82-Pb-196

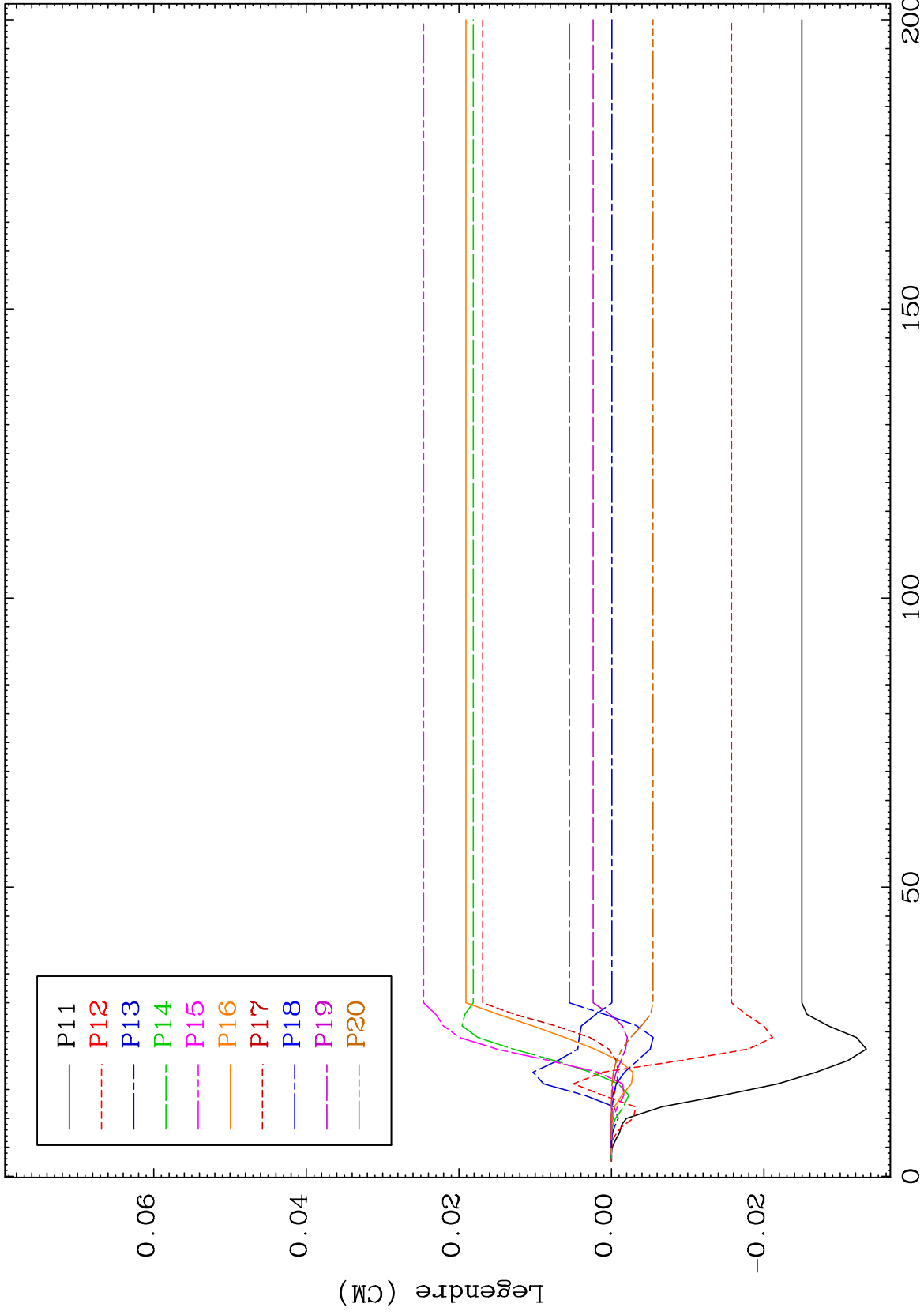
Incident Energy (MeV)

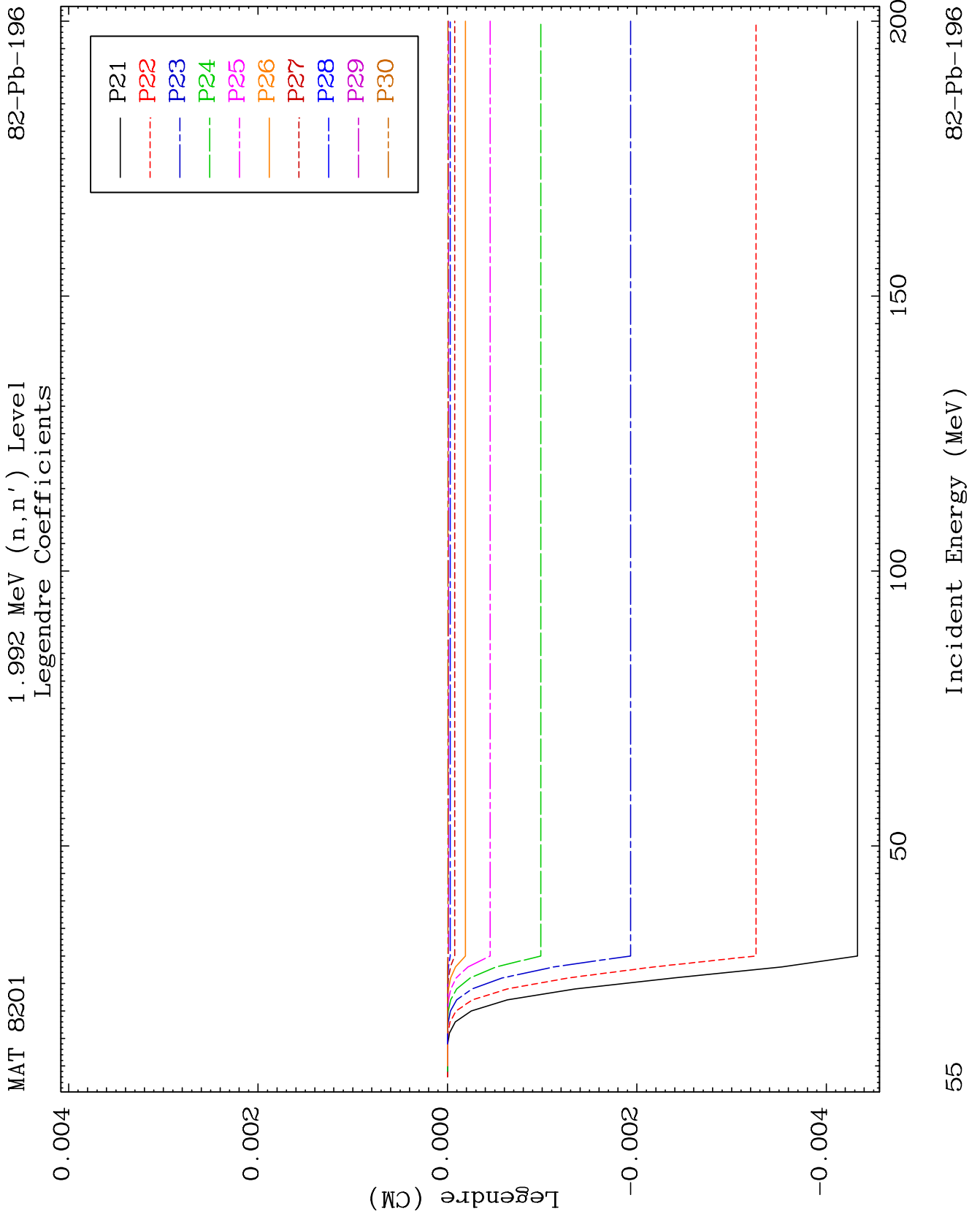
50

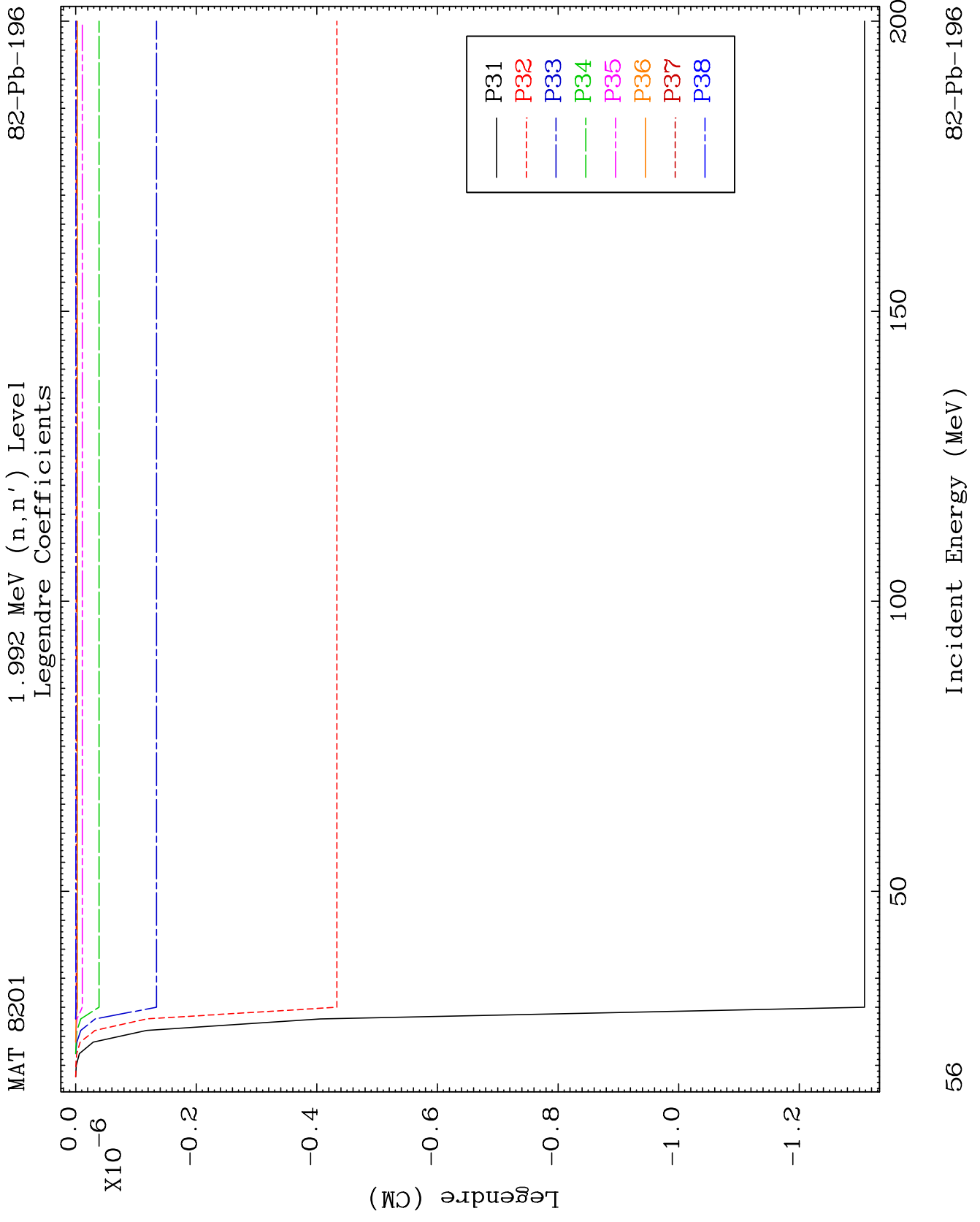


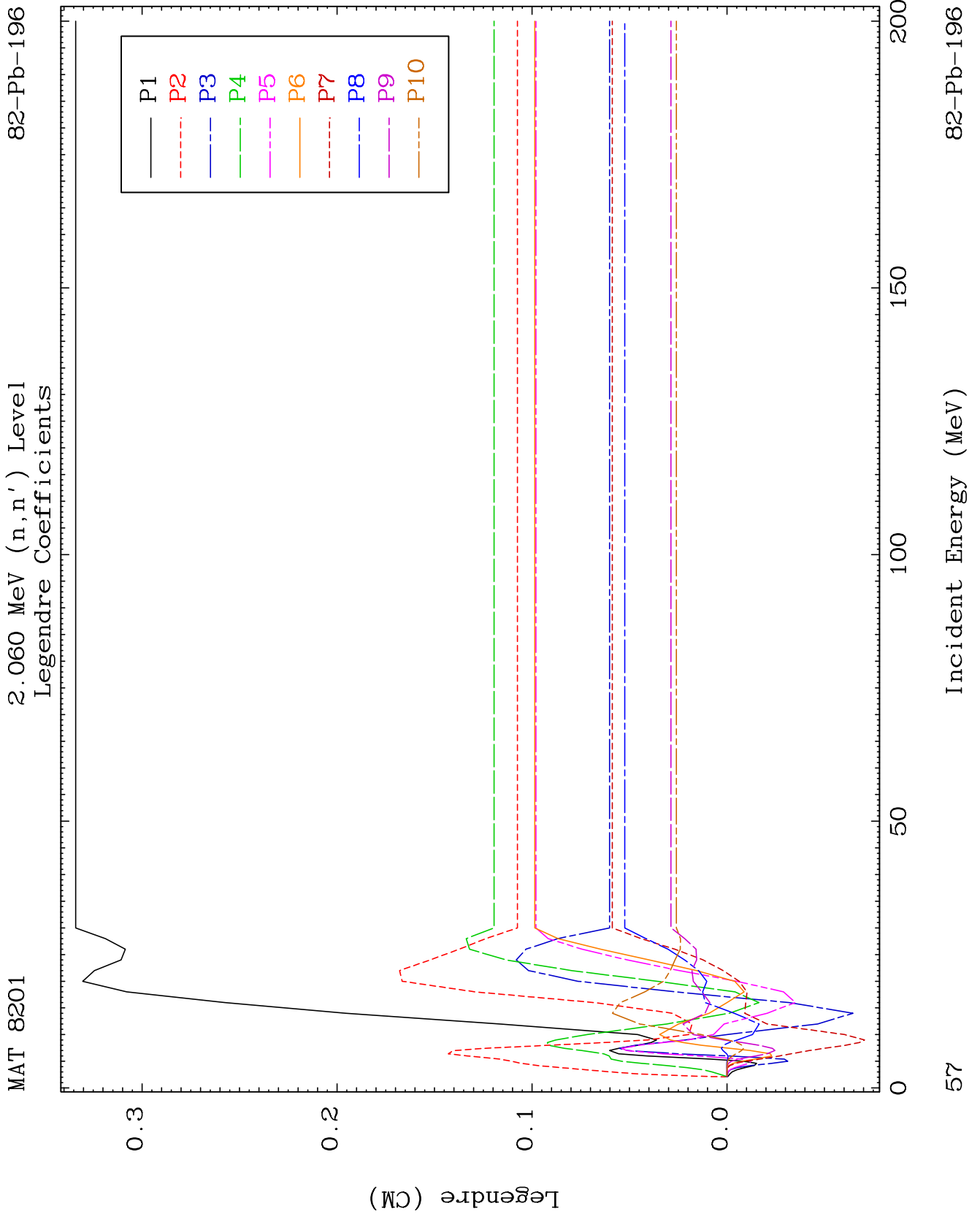


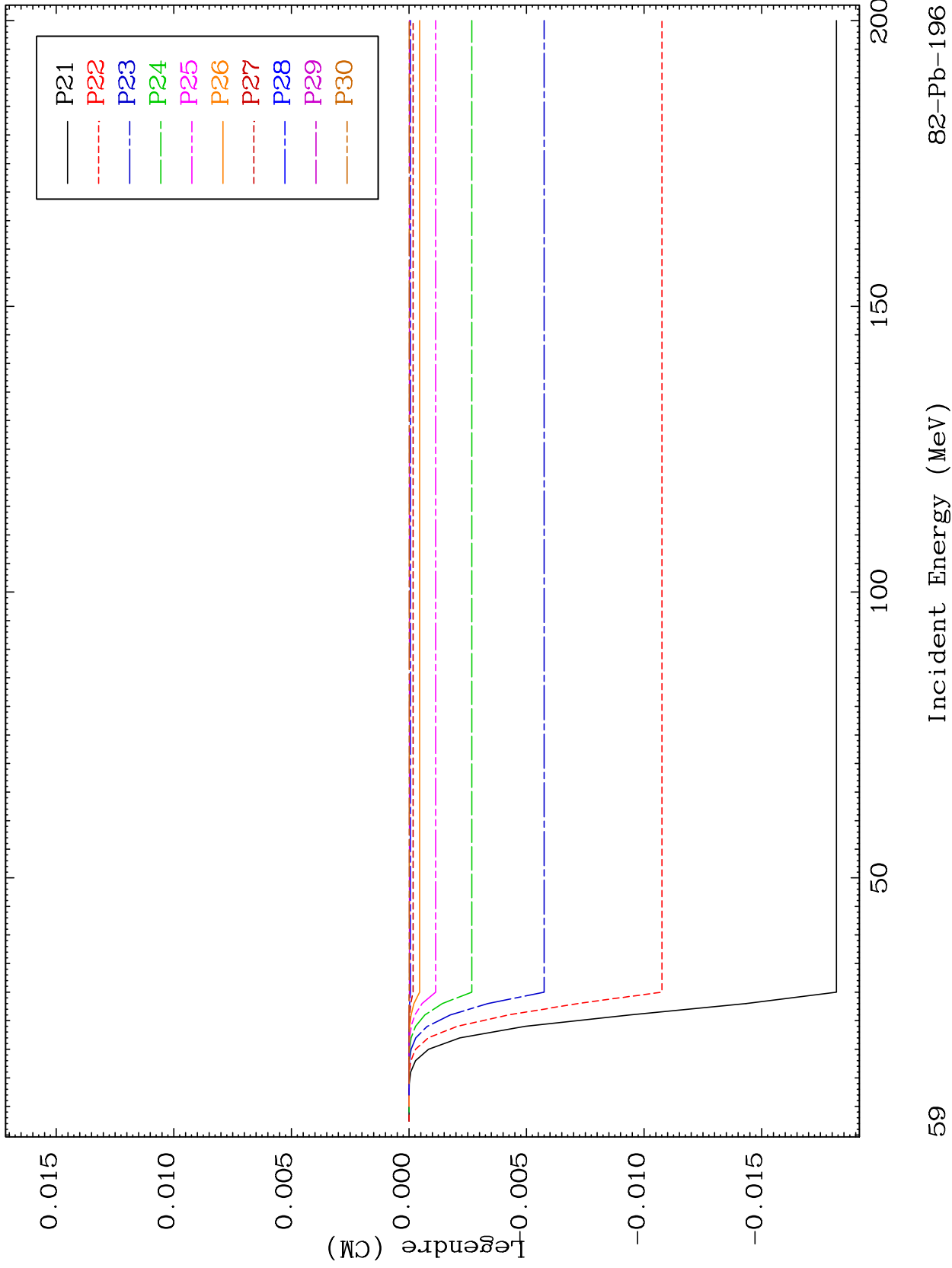


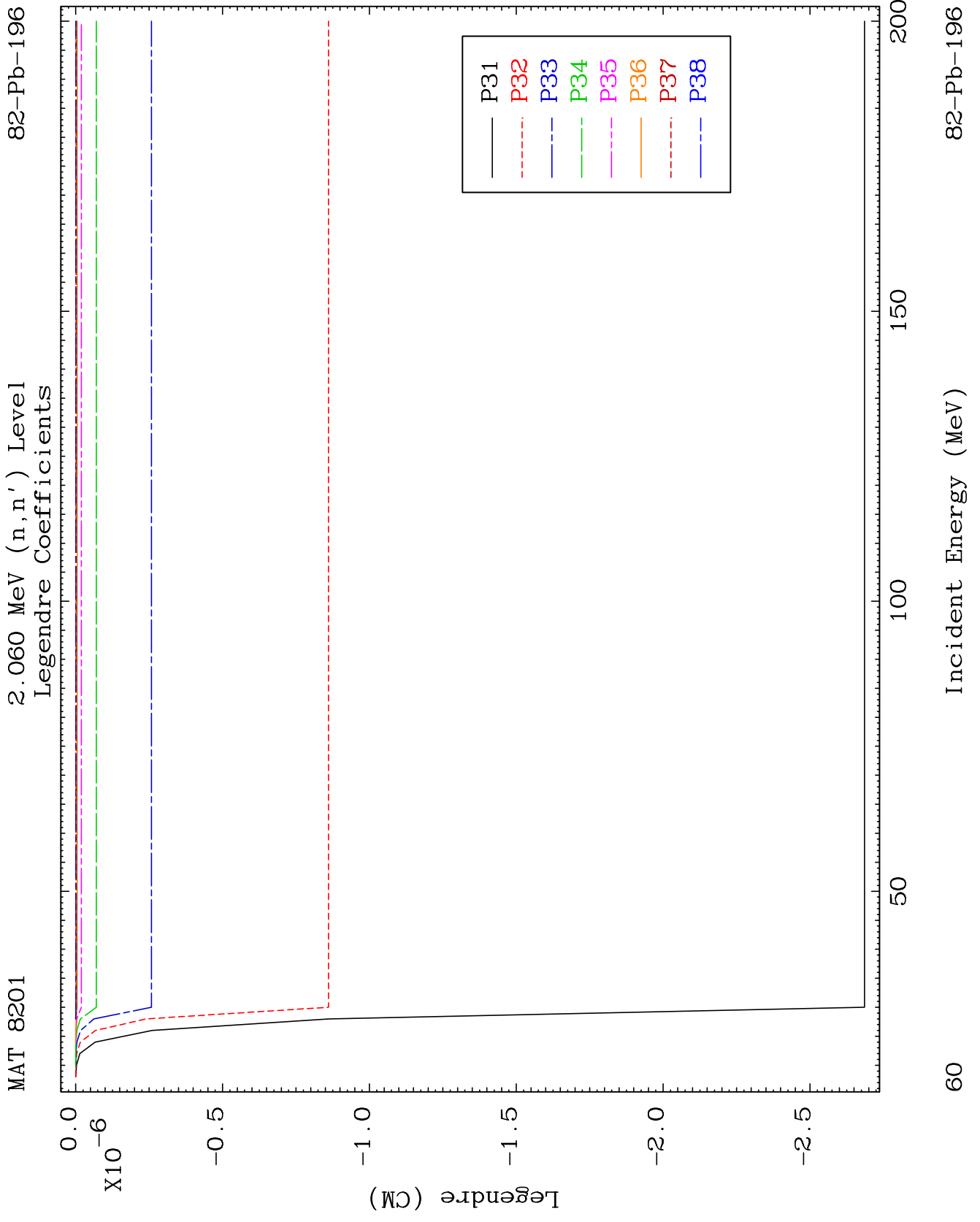








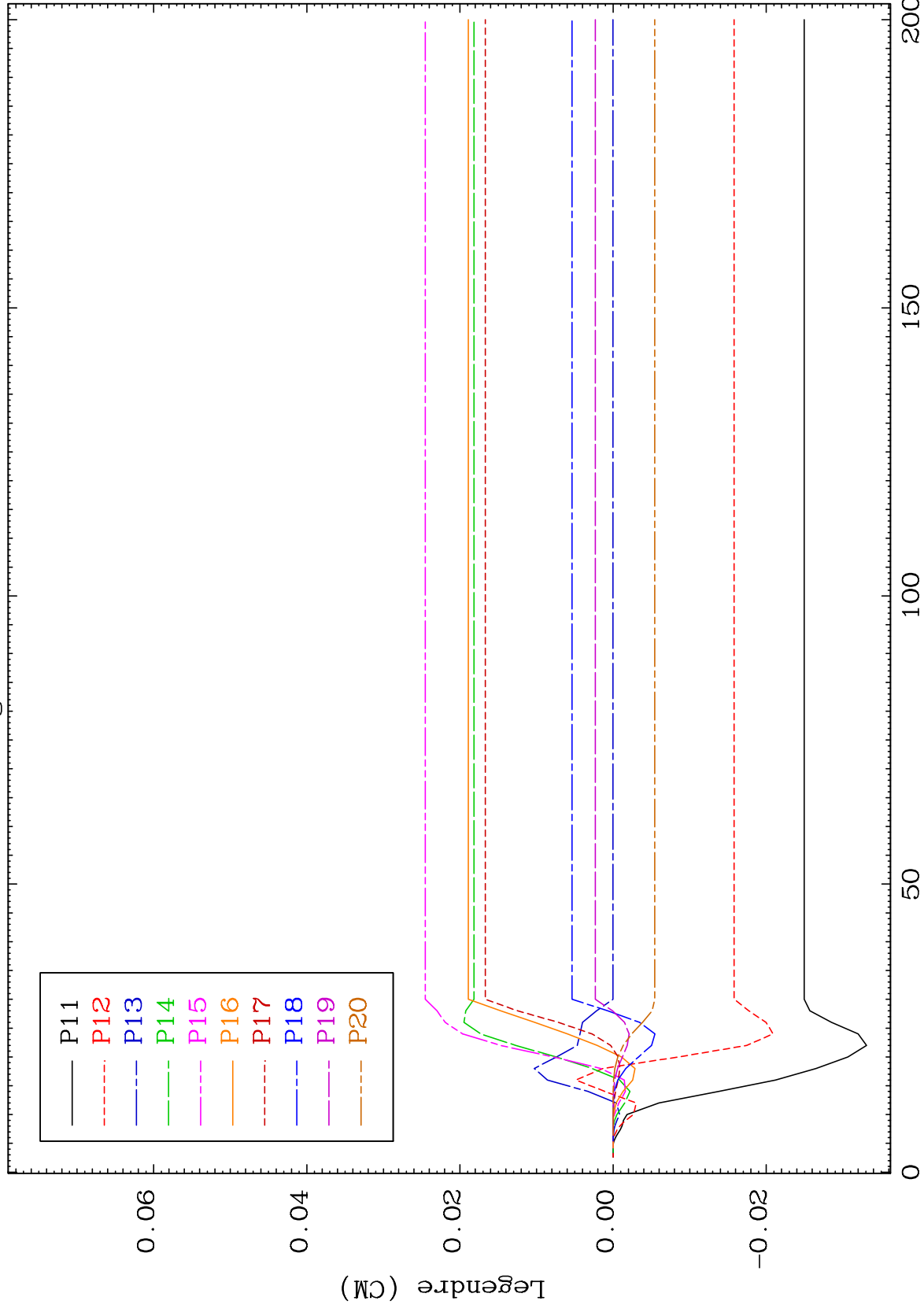




MAT 8201

2.124 MeV (n,n') Level
Legendre Coefficients

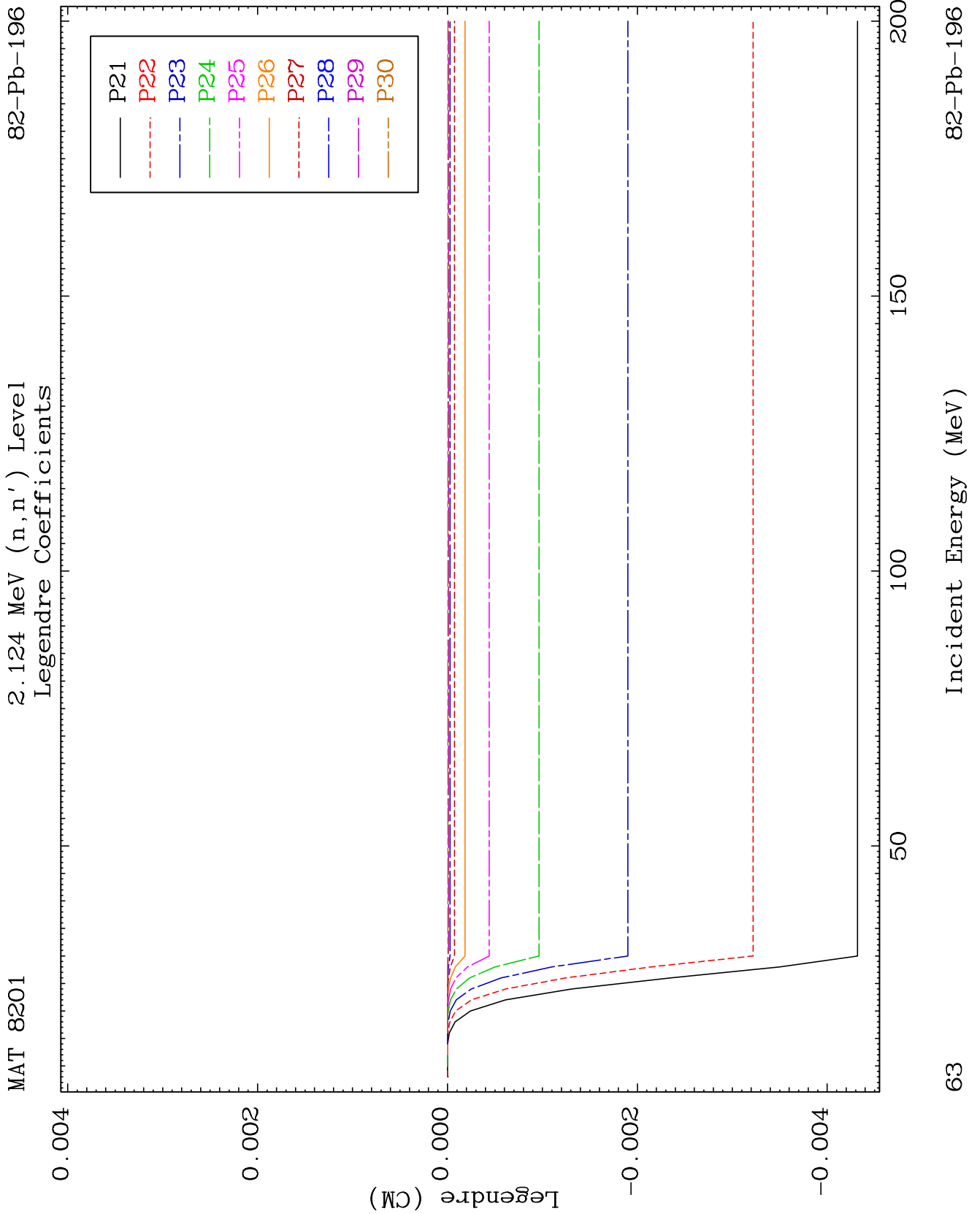
82-Pb-196

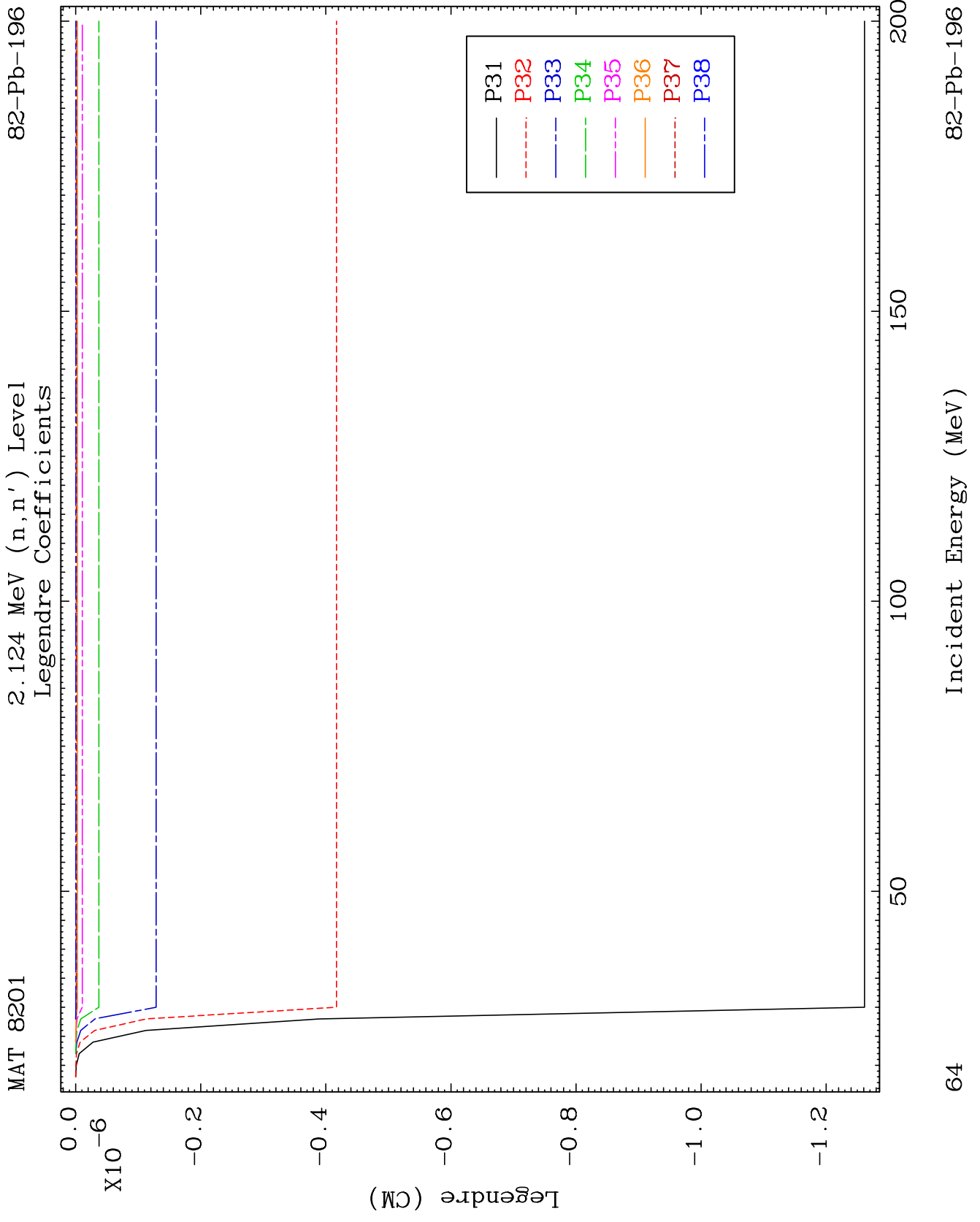


62

Incident Energy (MeV)

82-Pb-196

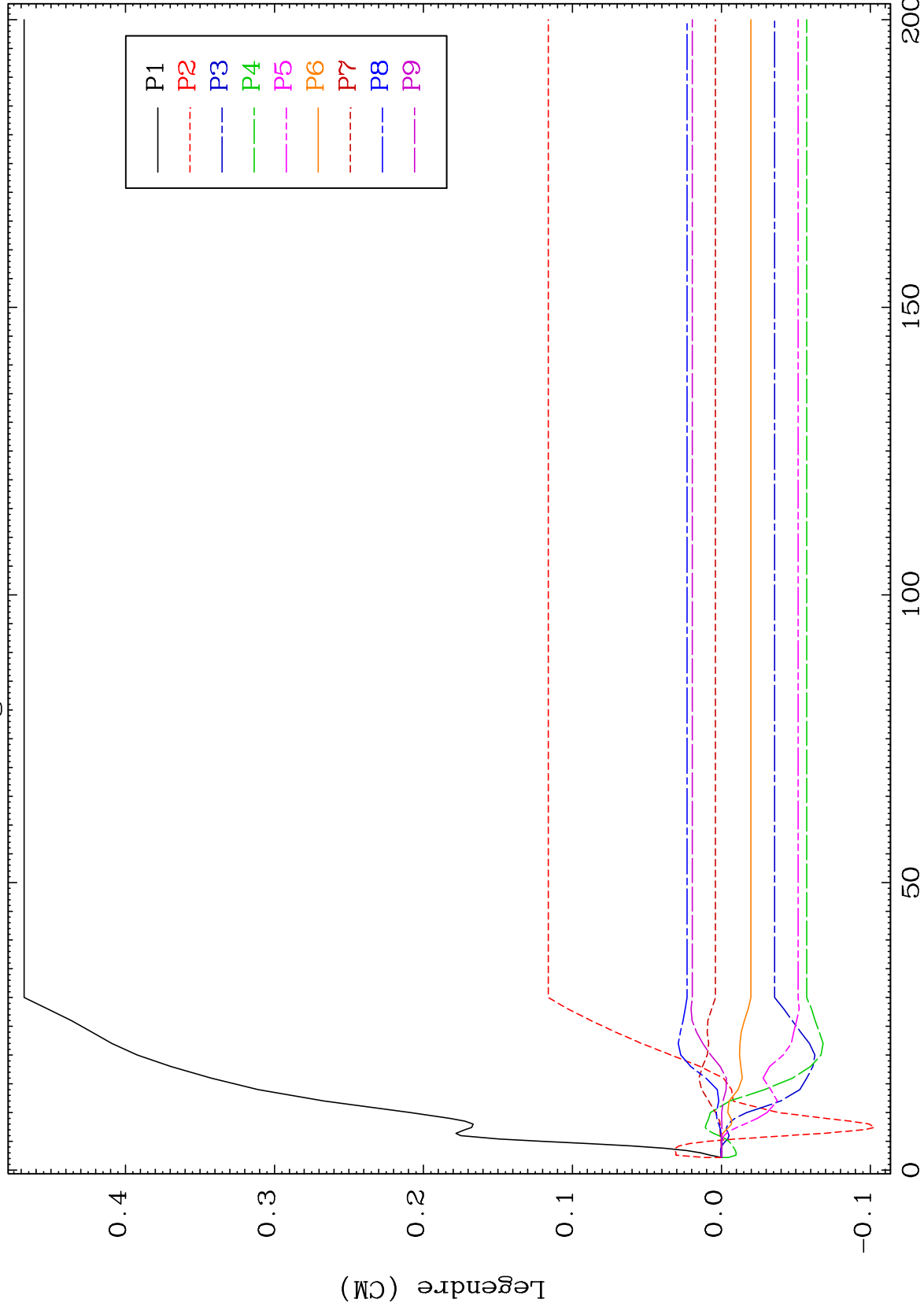




MAT 8201

2.169 MeV (n,n') Level
Legendre Coefficients

82-Pb-196



82-Pb-196

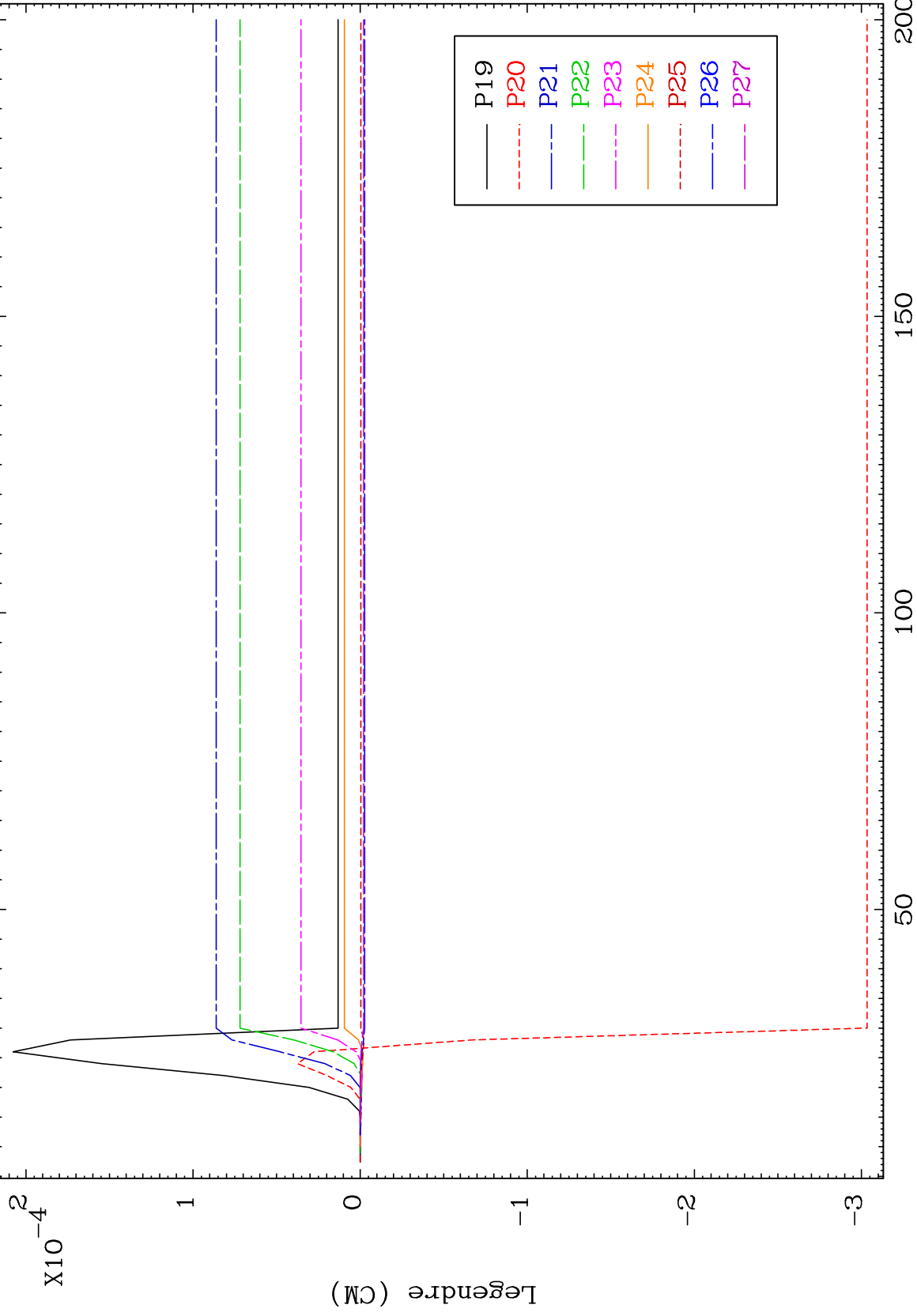
Incident Energy (MeV)

65

MAT 8201

2.169 MeV (n, n') Level
Legendre Coefficients

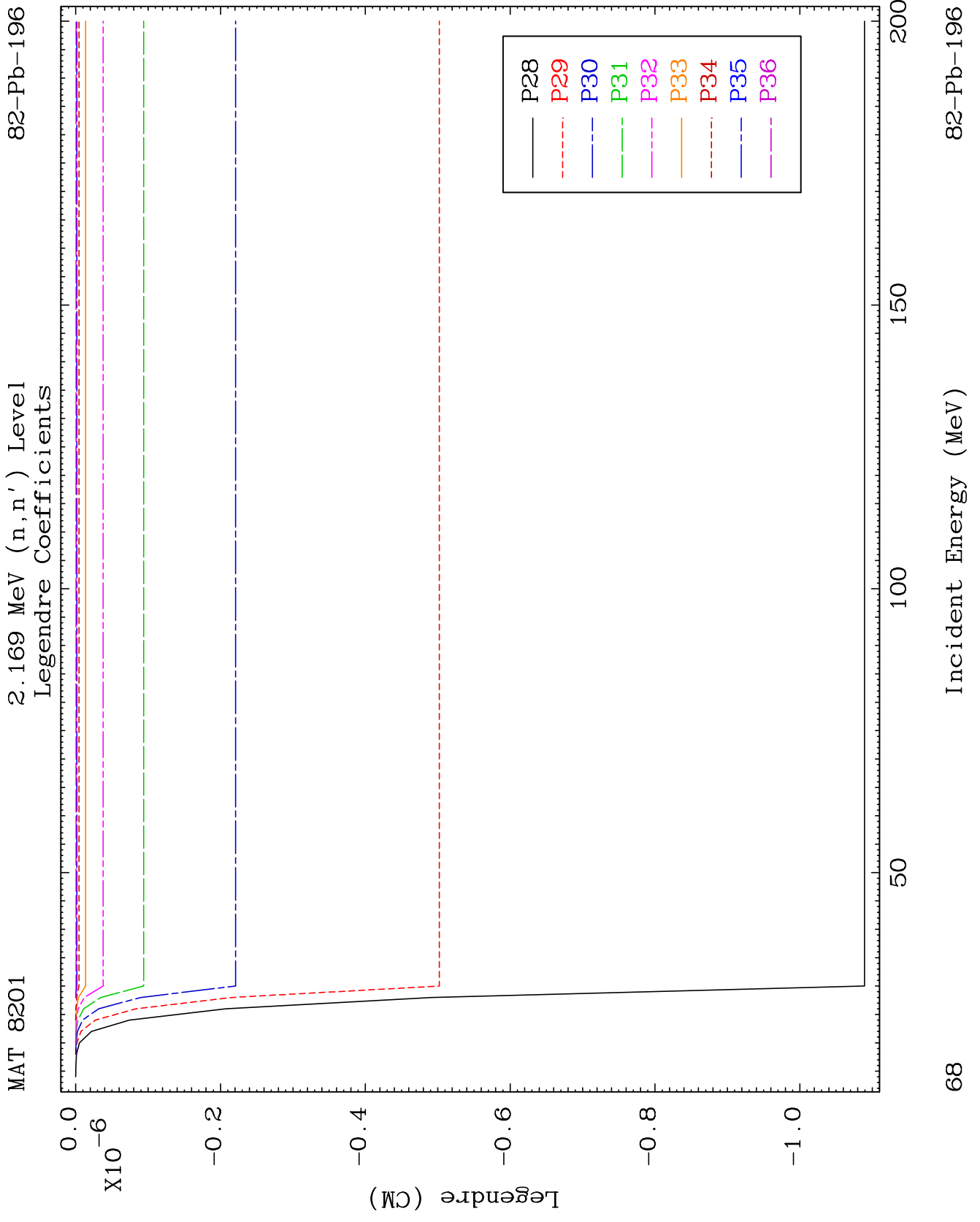
82-Pb-196

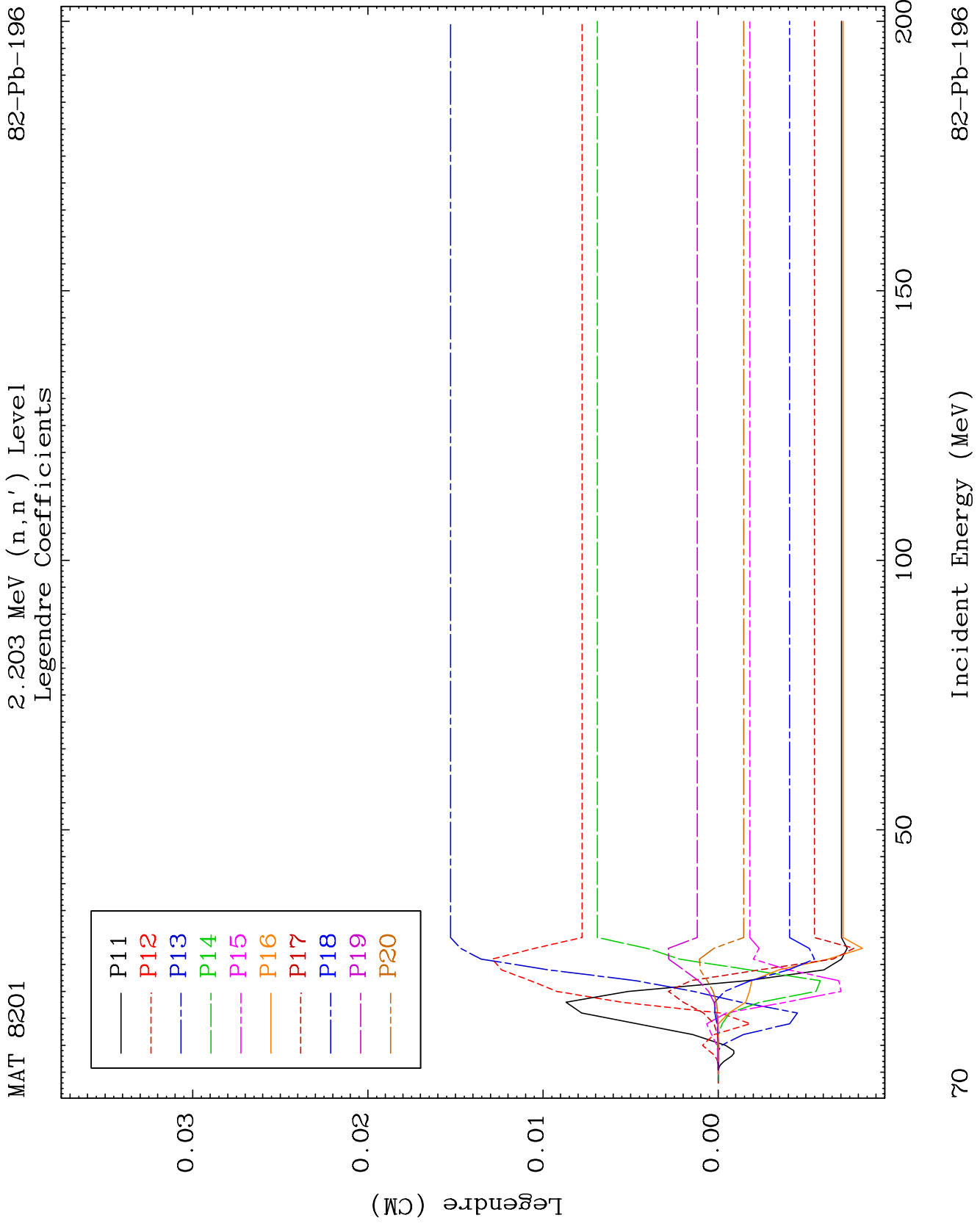


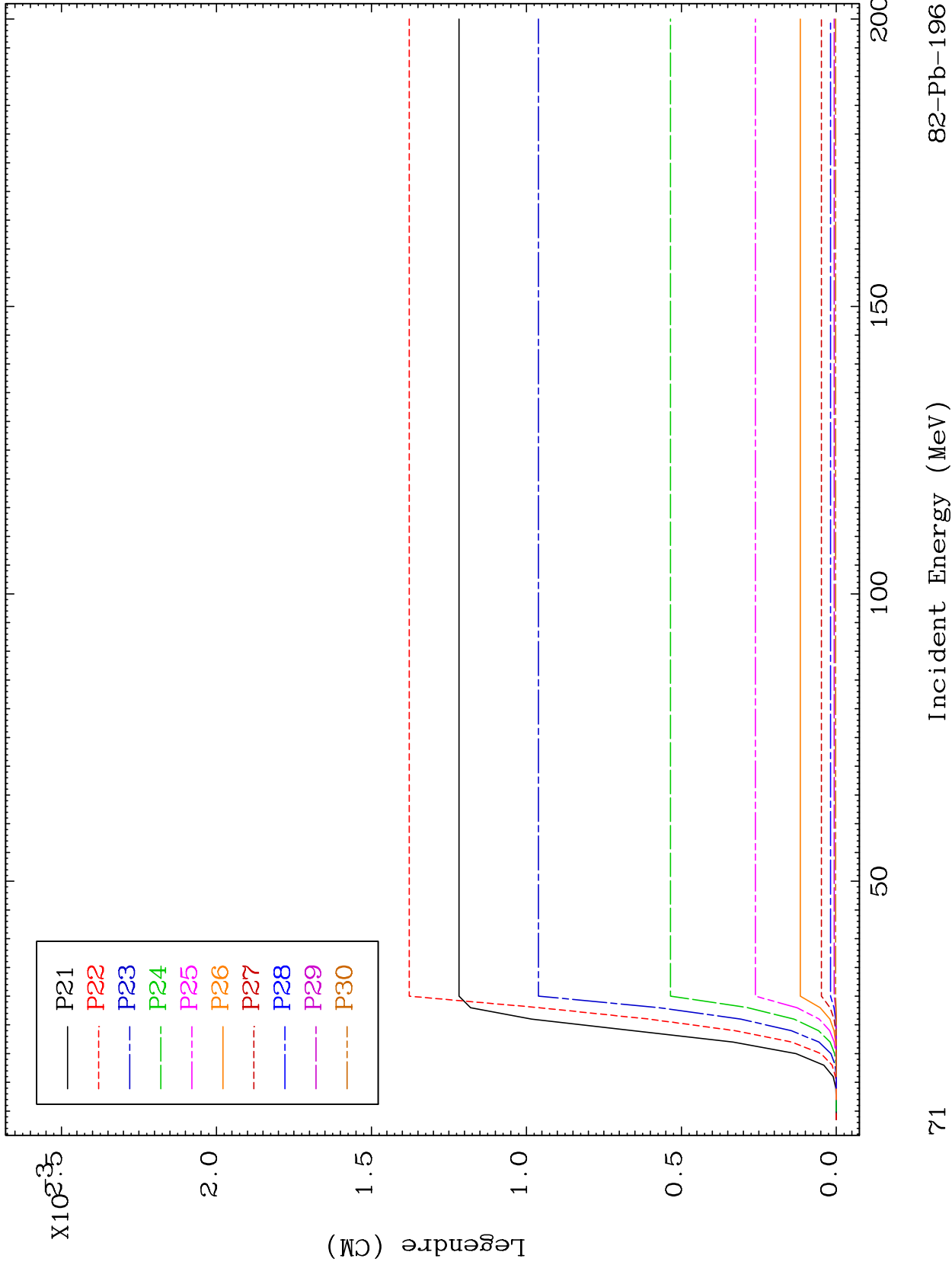
67

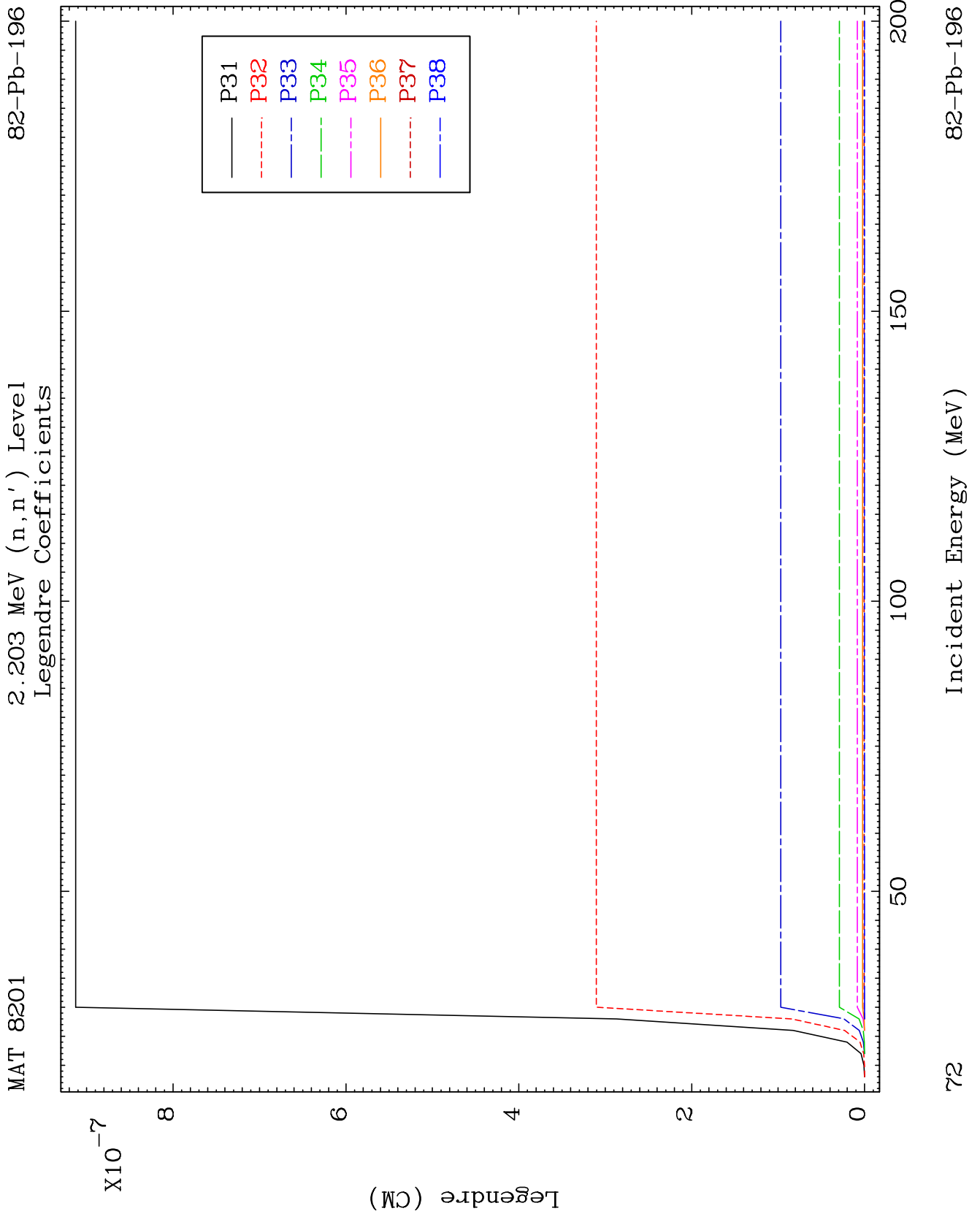
Incident Energy (MeV)

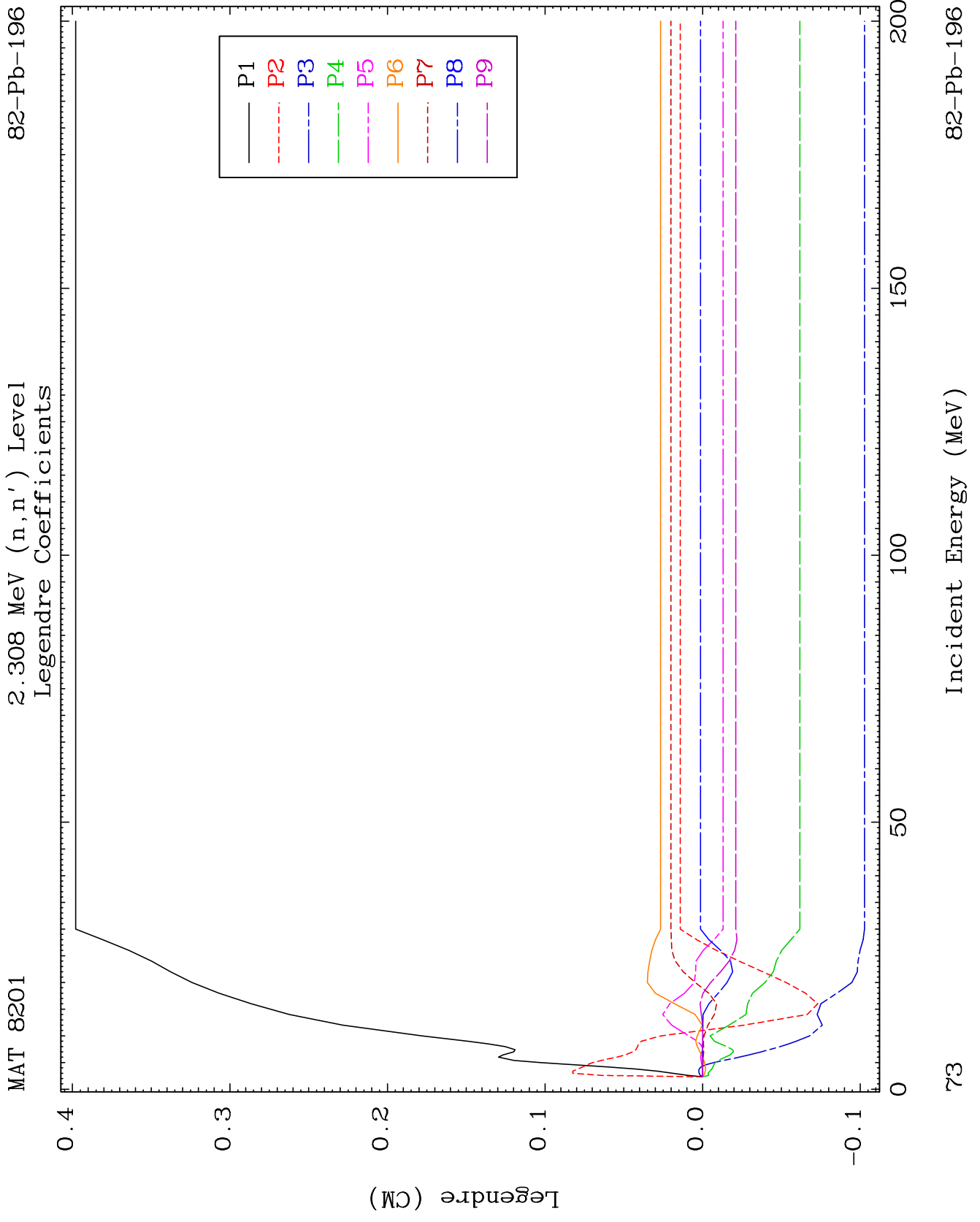
82-Pb-196

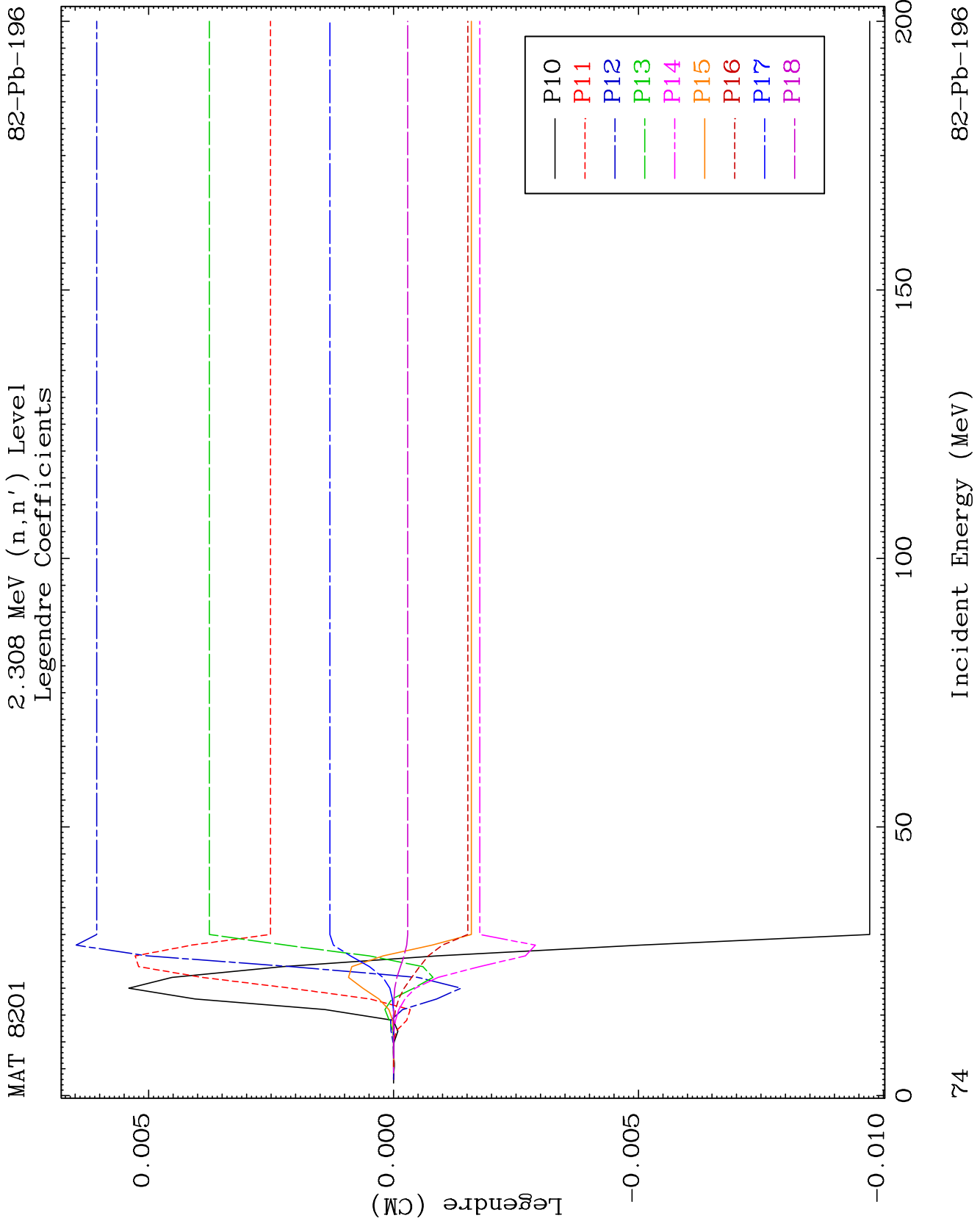


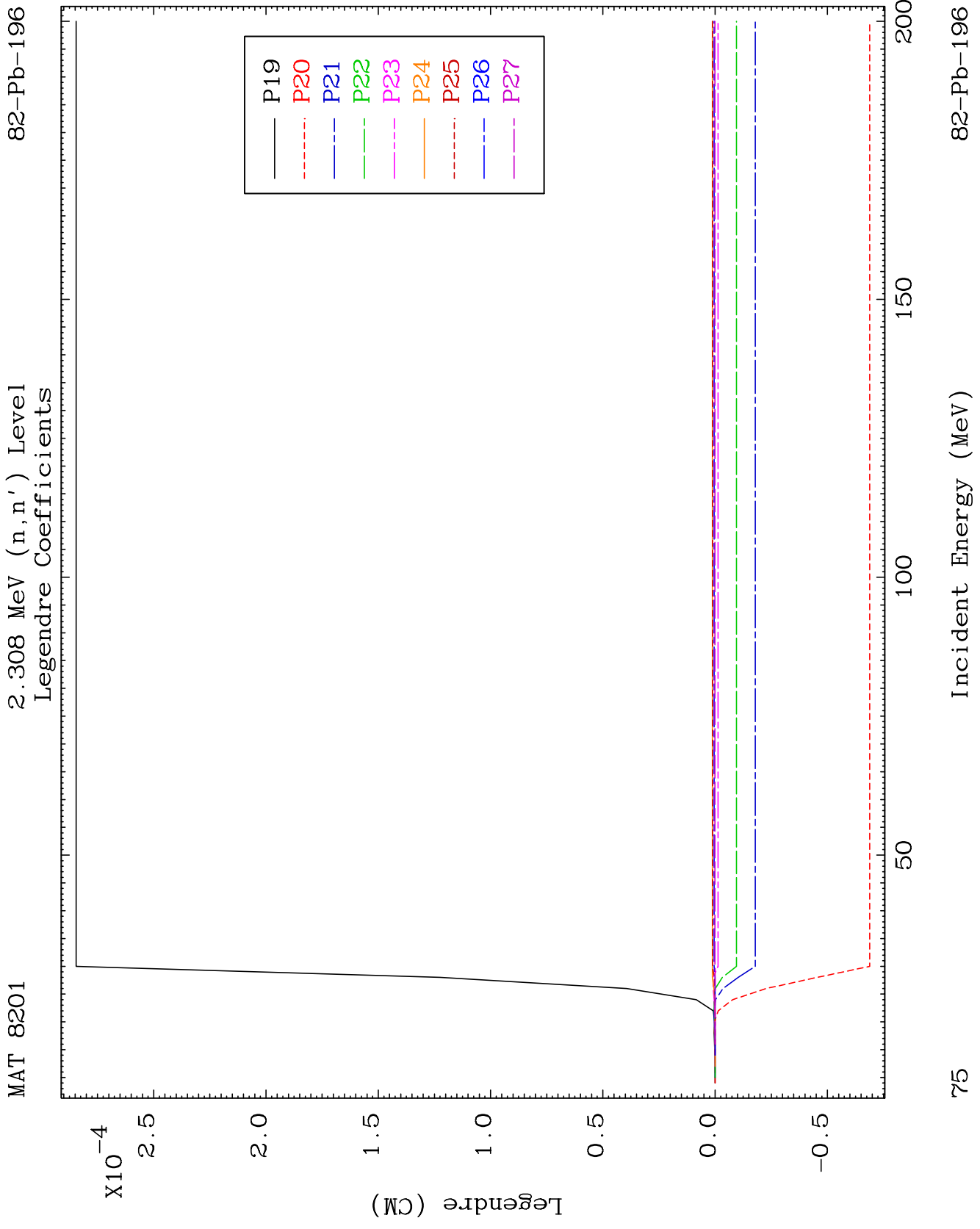


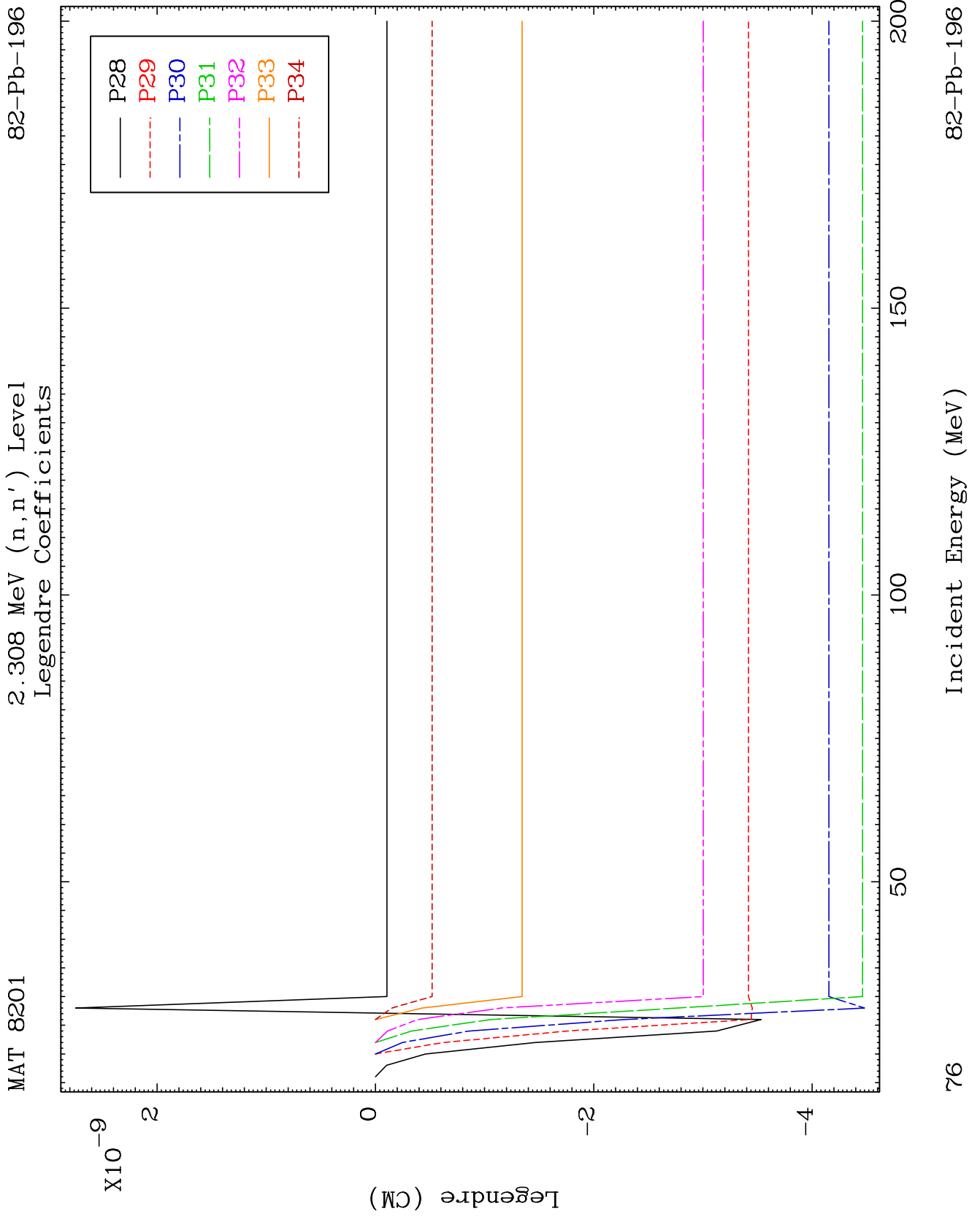








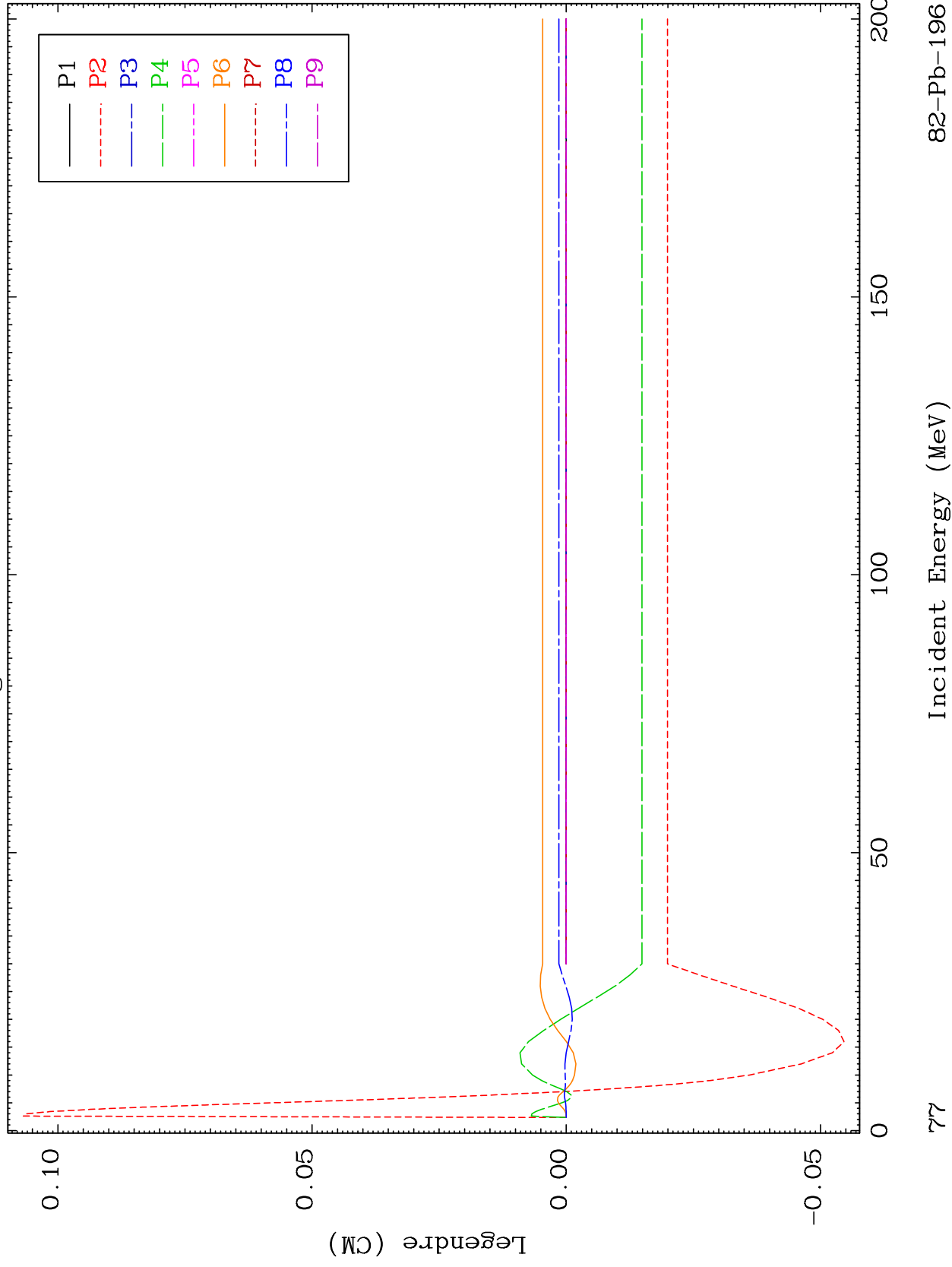




MAT 8201

2.334 MeV (n,n') Level
Legendre Coefficients

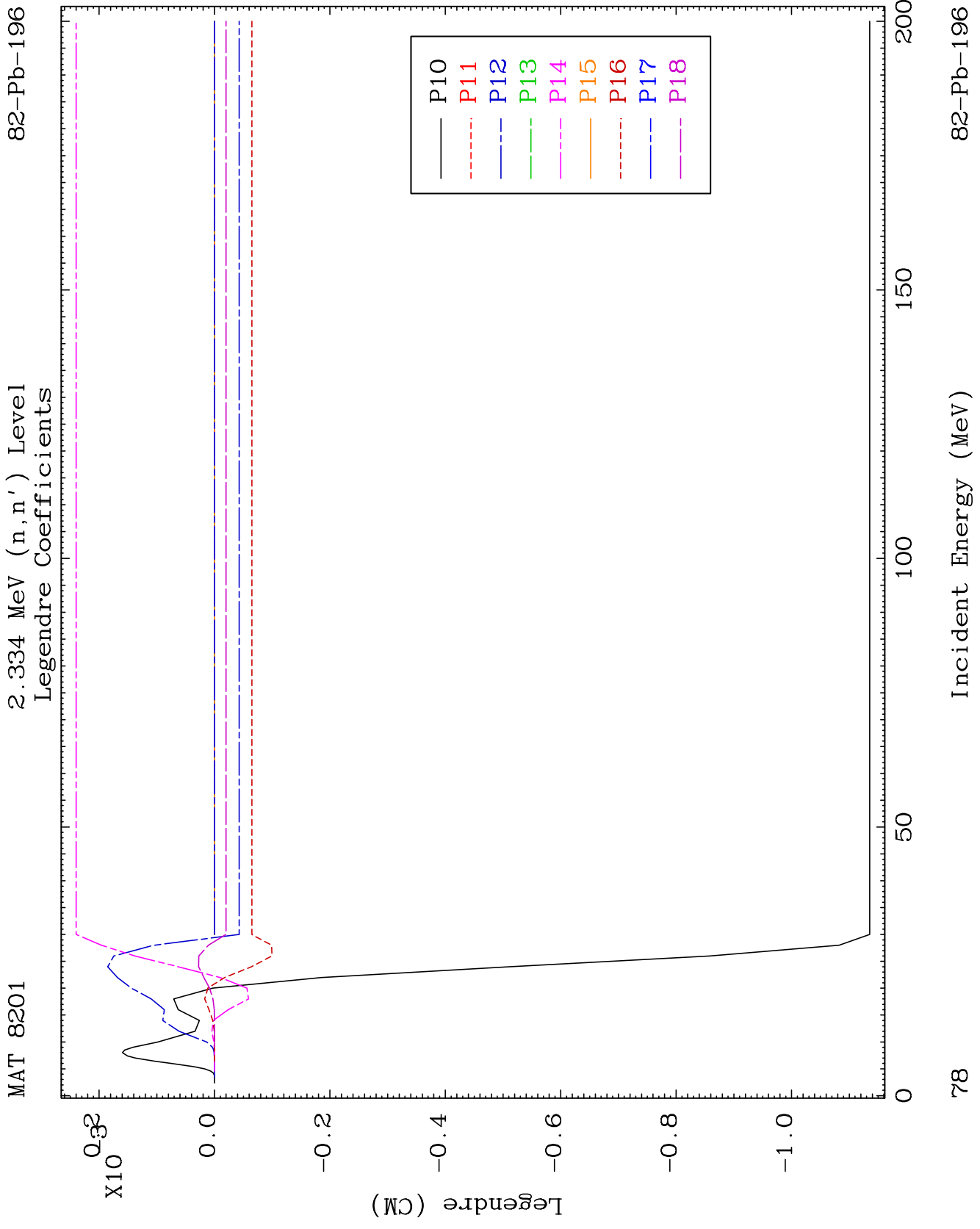
82-Pb-196

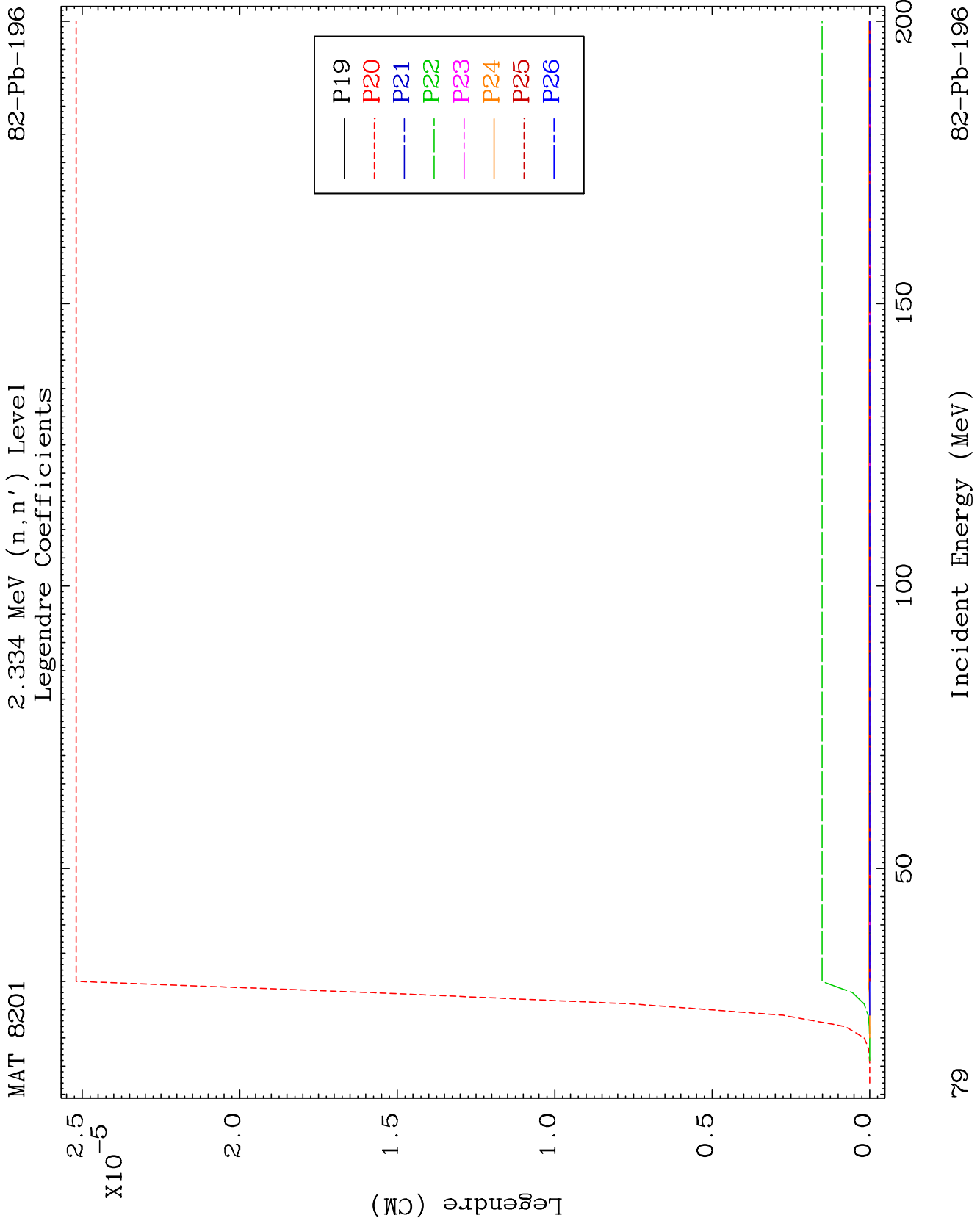


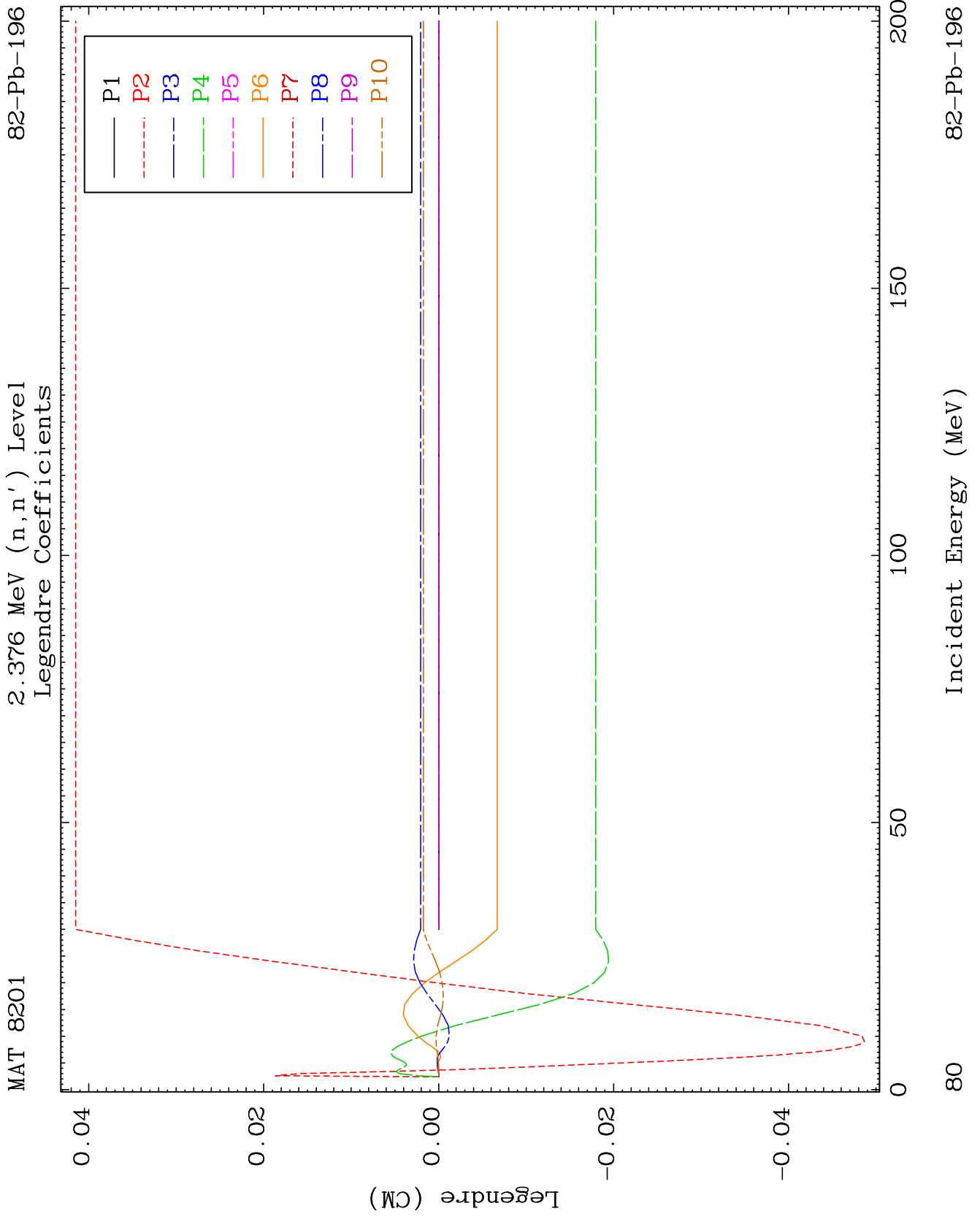
77

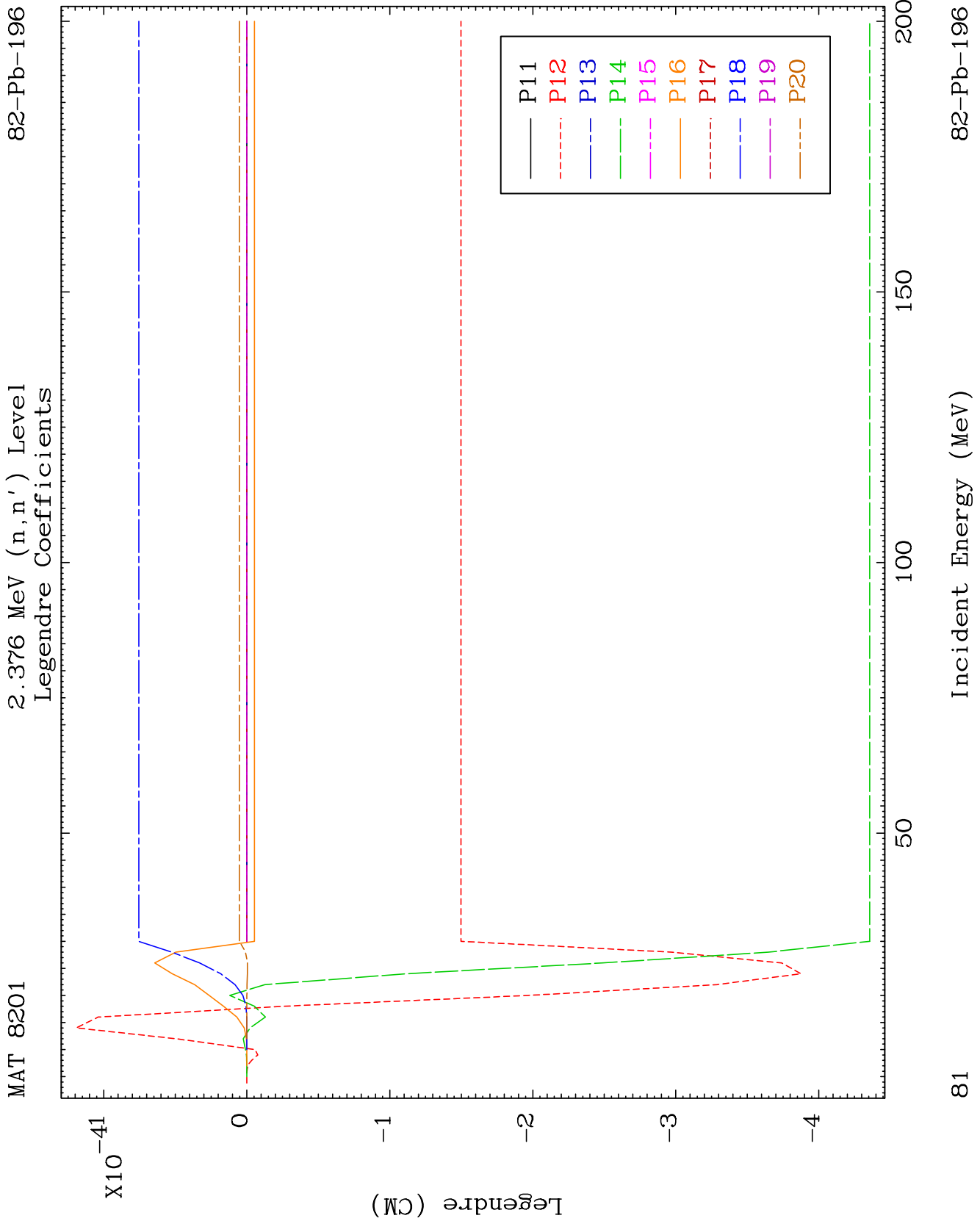
Incident Energy (MeV)

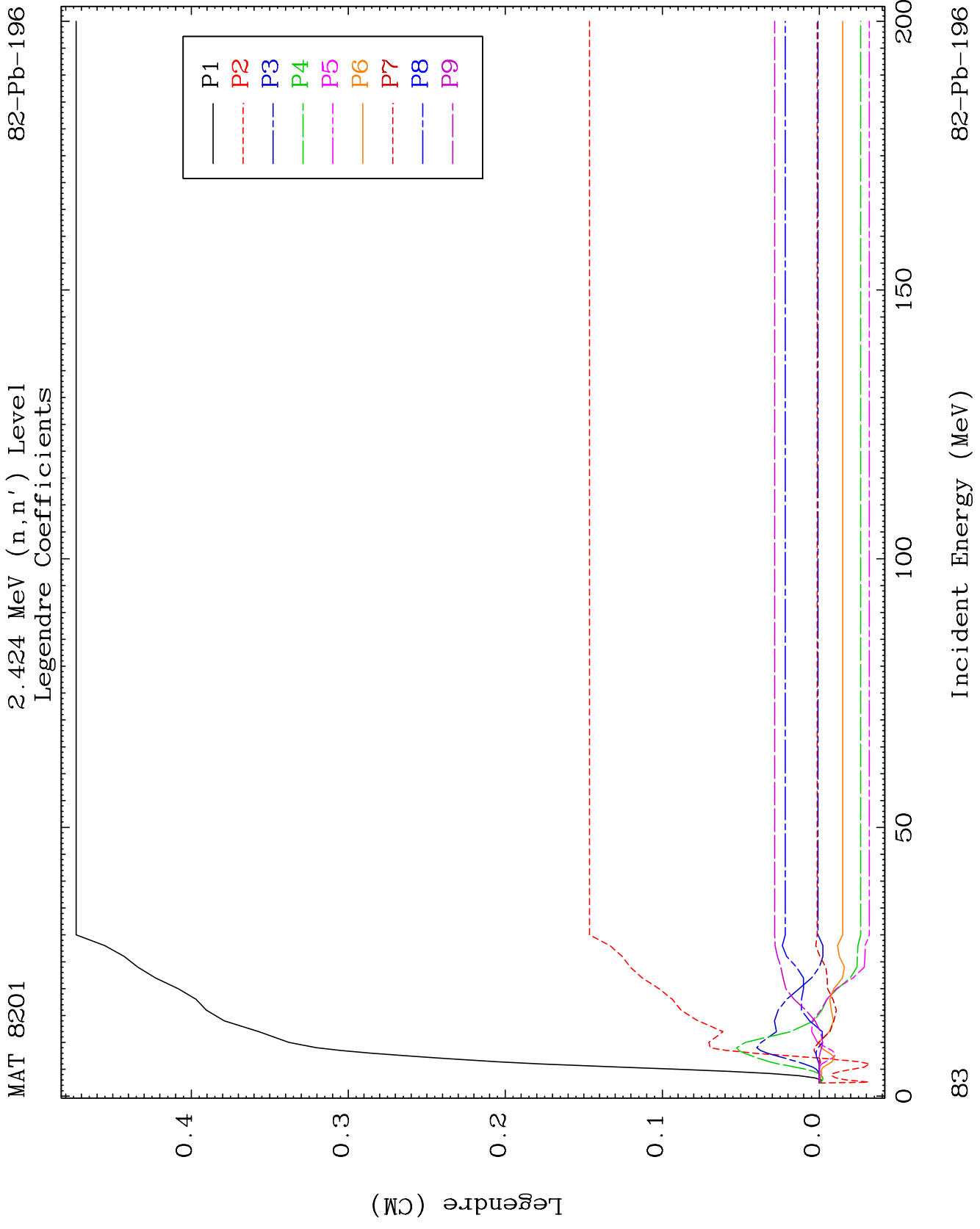
82-Pb-196







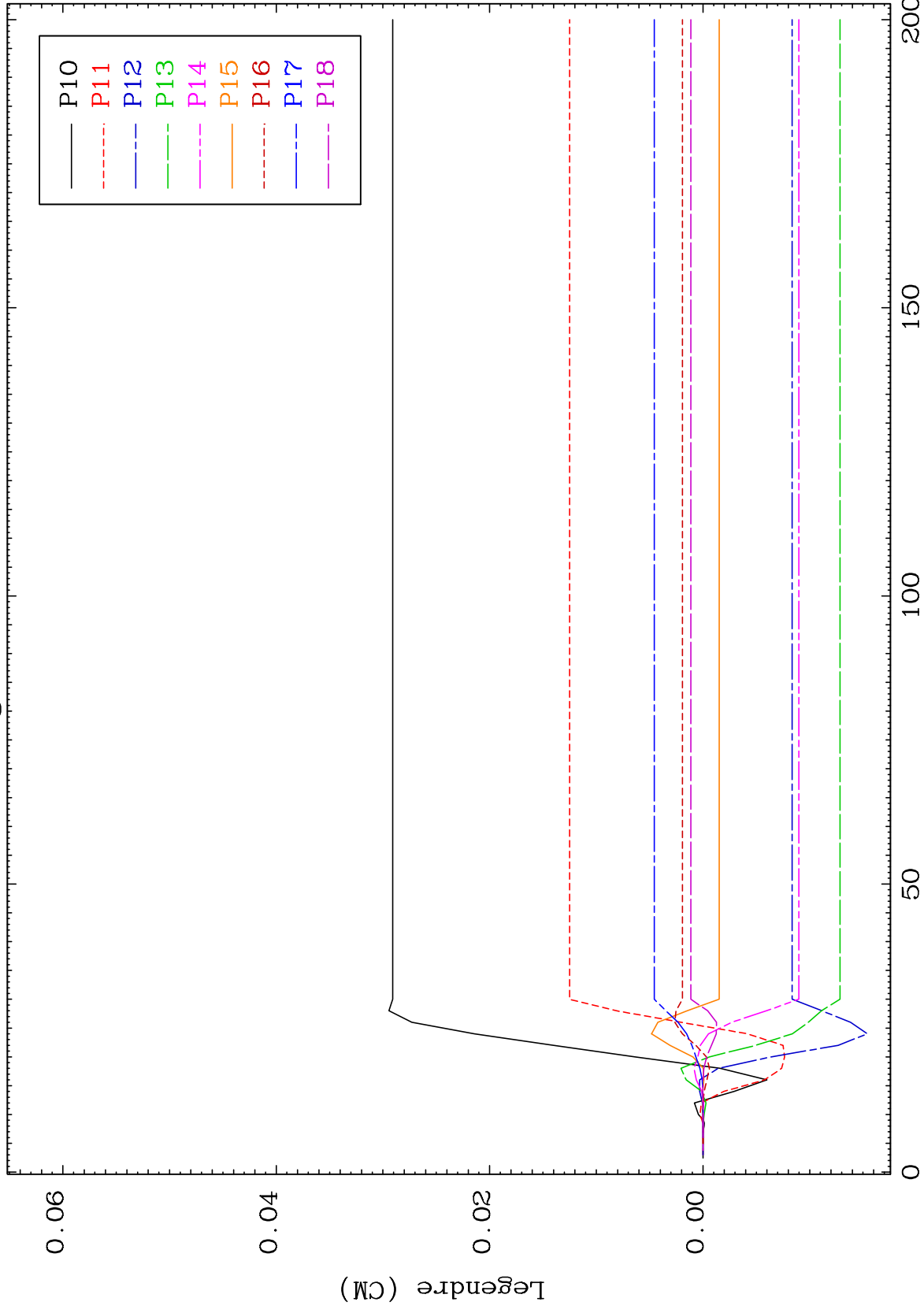




MAT 8201

2.424 MeV (n,n') Level
Legendre Coefficients

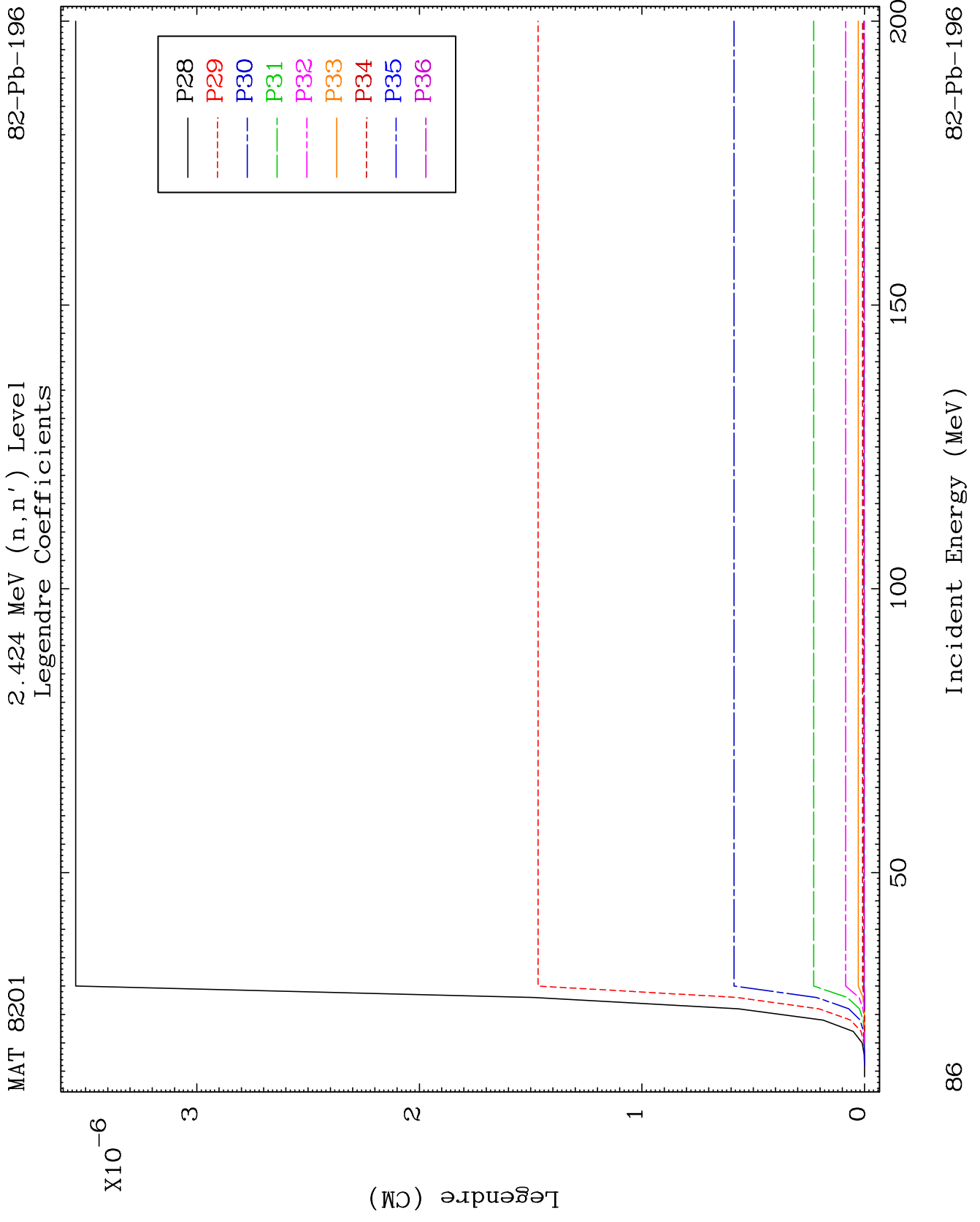
82-Pb-196

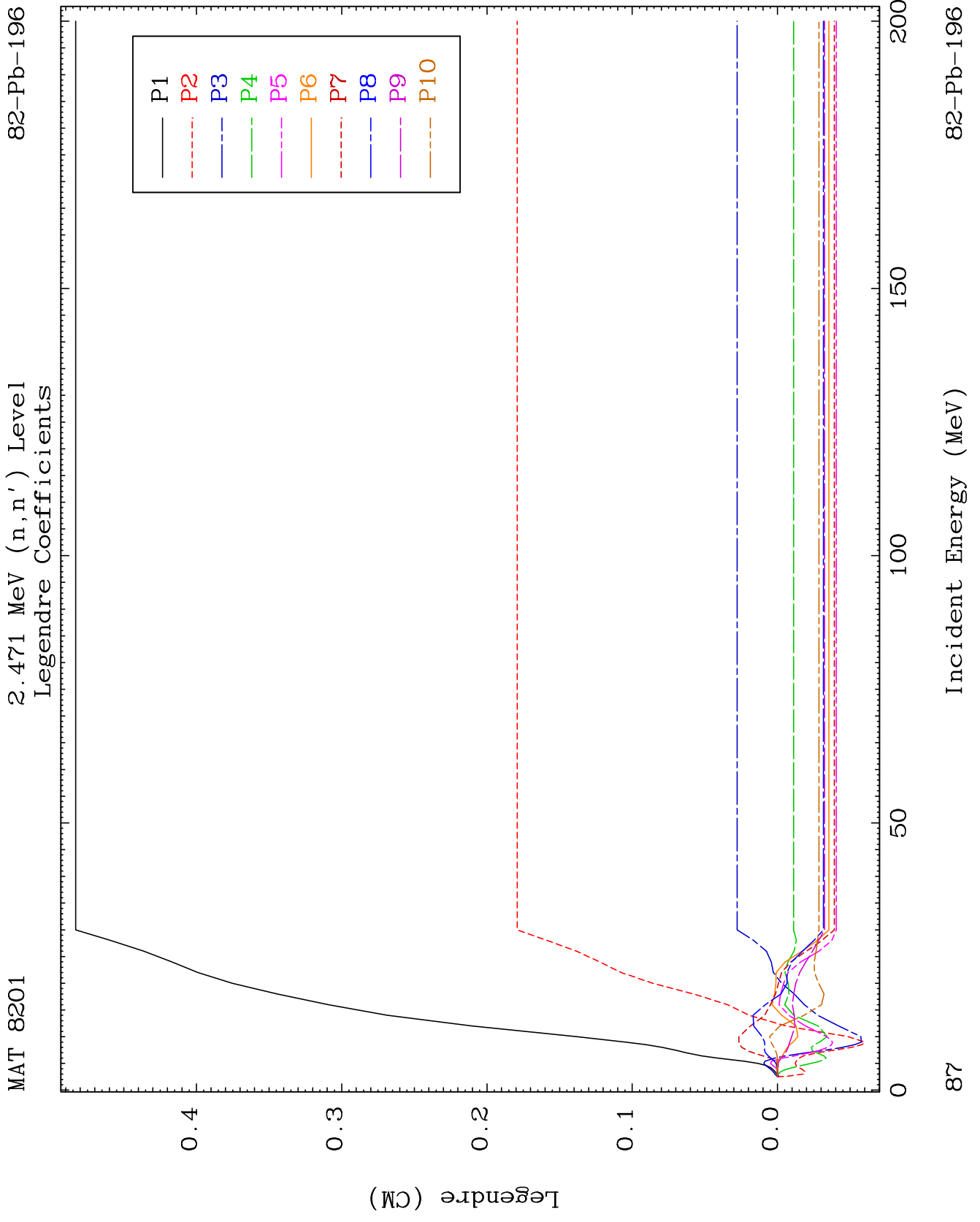


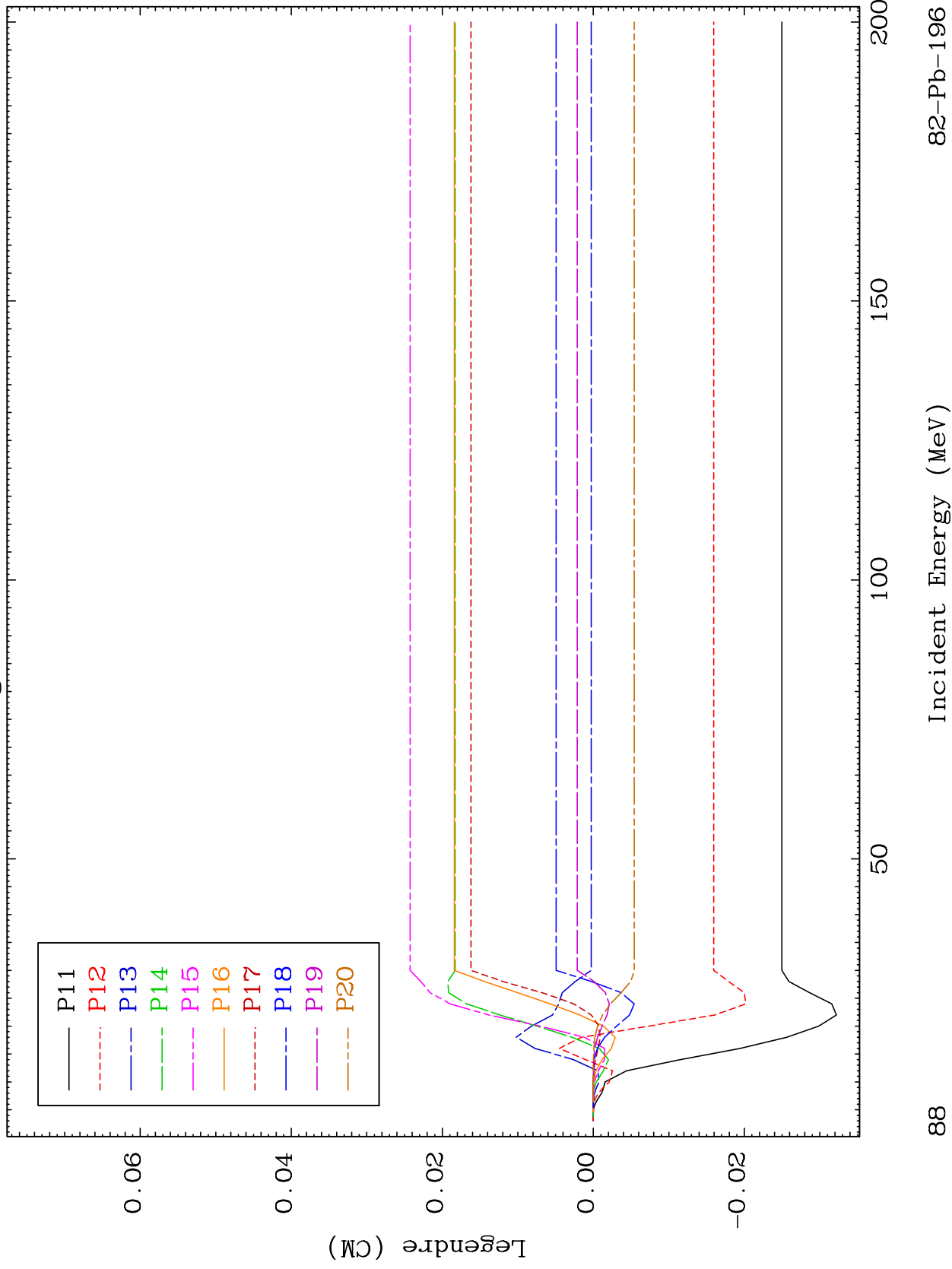
84

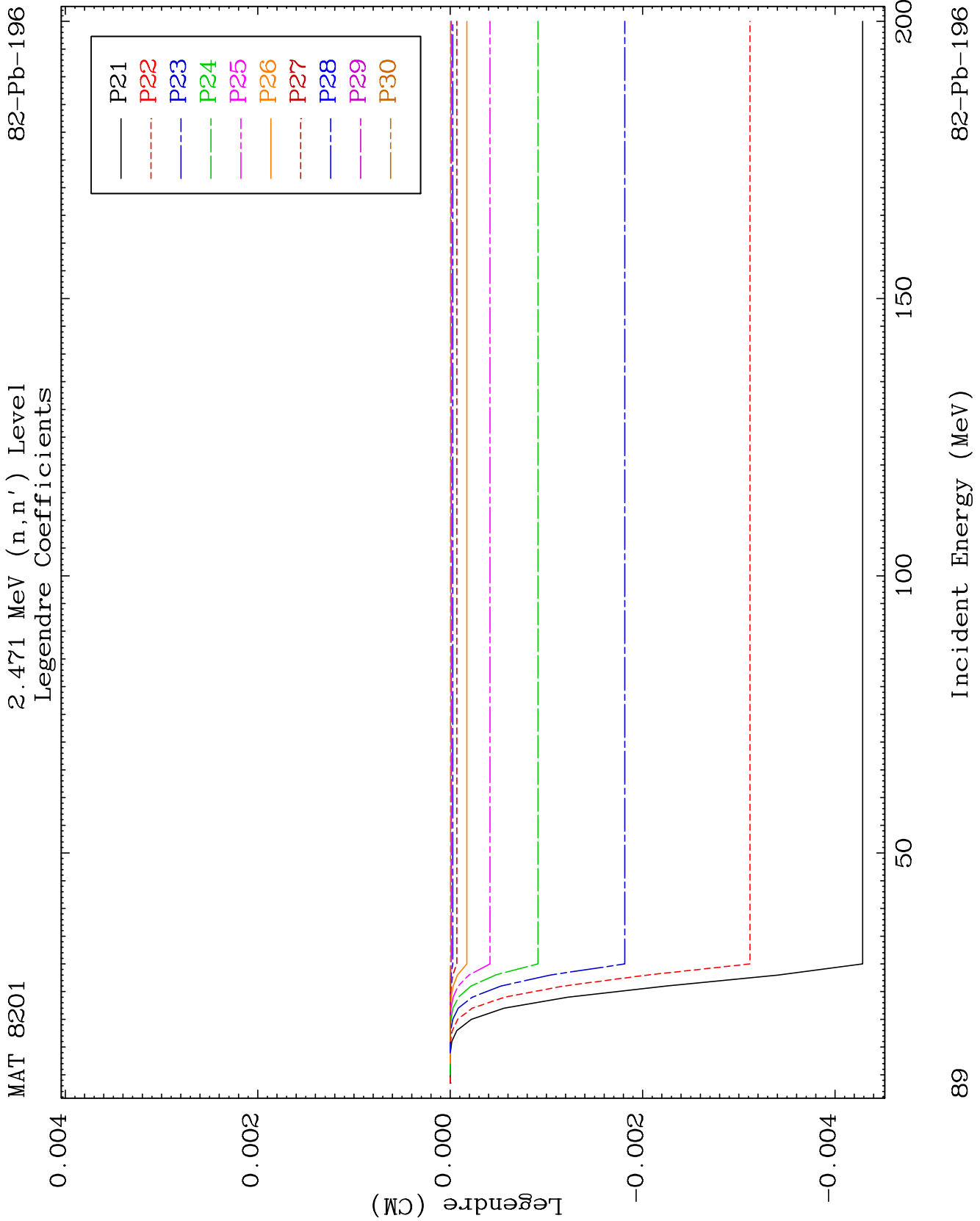
Incident Energy (MeV)

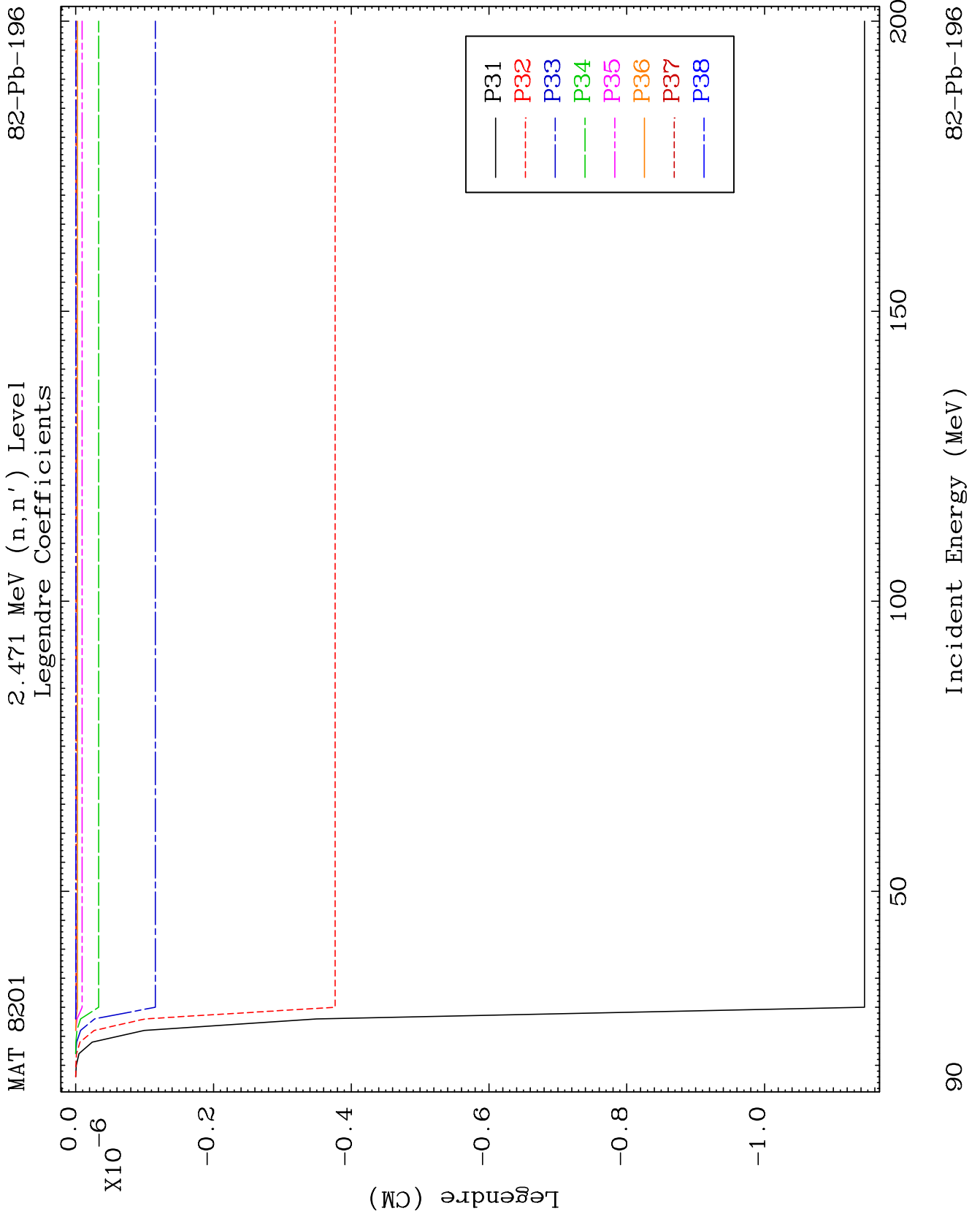
82-Pb-196









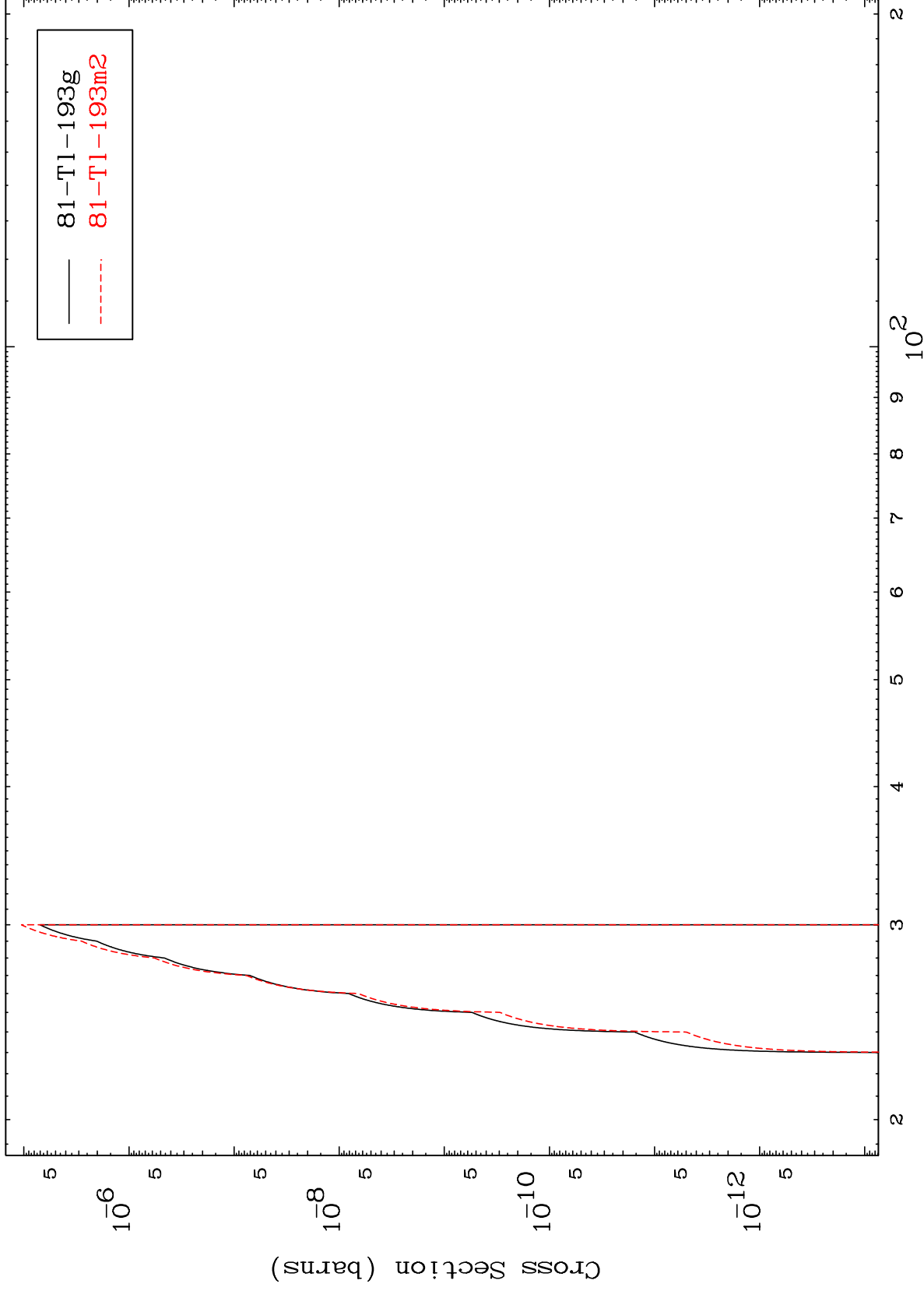


MAT 8201

(n,2n) d

82-Pb-196

Radionuclide Production Cross Section



91

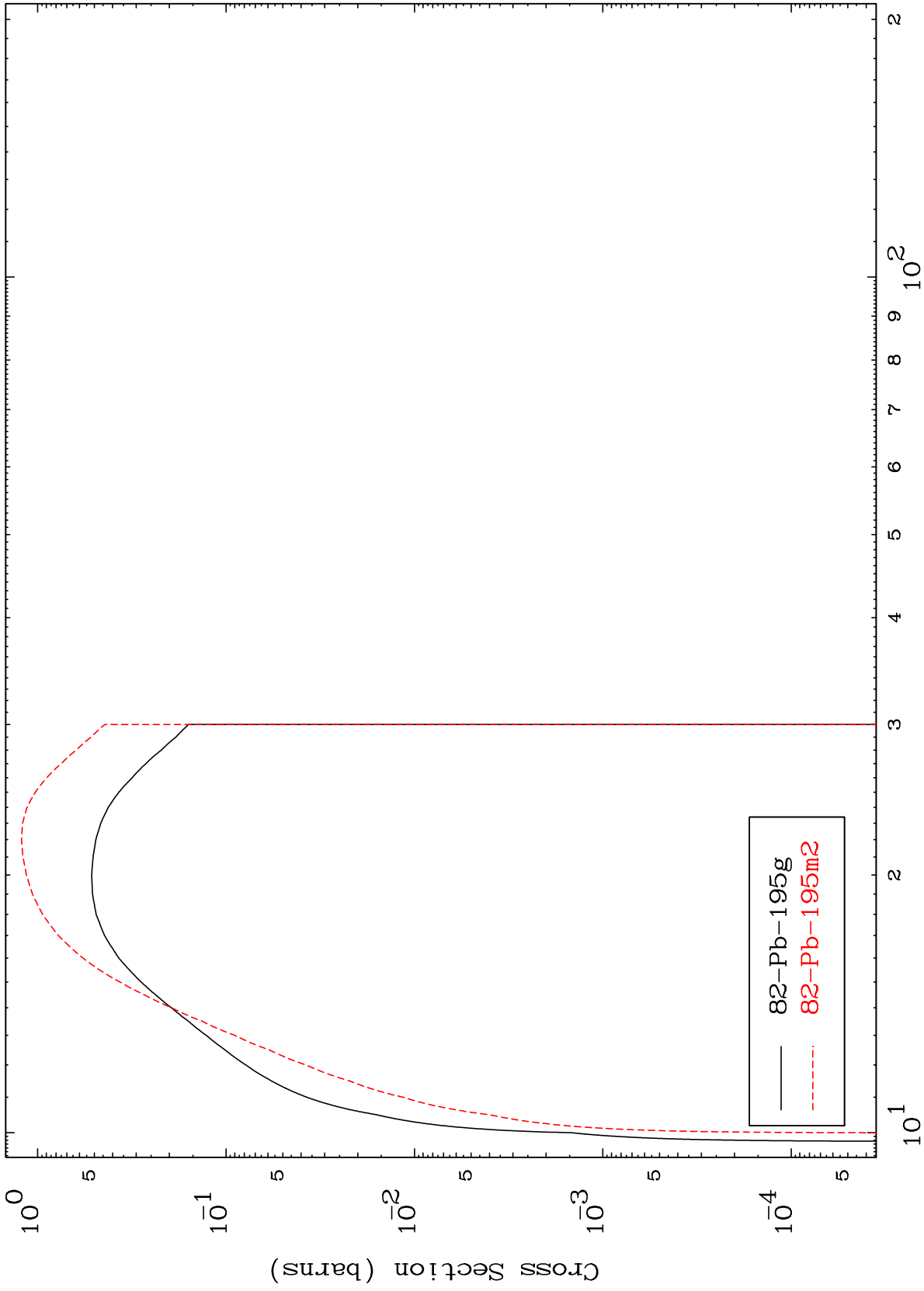
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,2n)
Radionuclide Production Cross Section



82-Pb-196

Incident Energy (MeV)

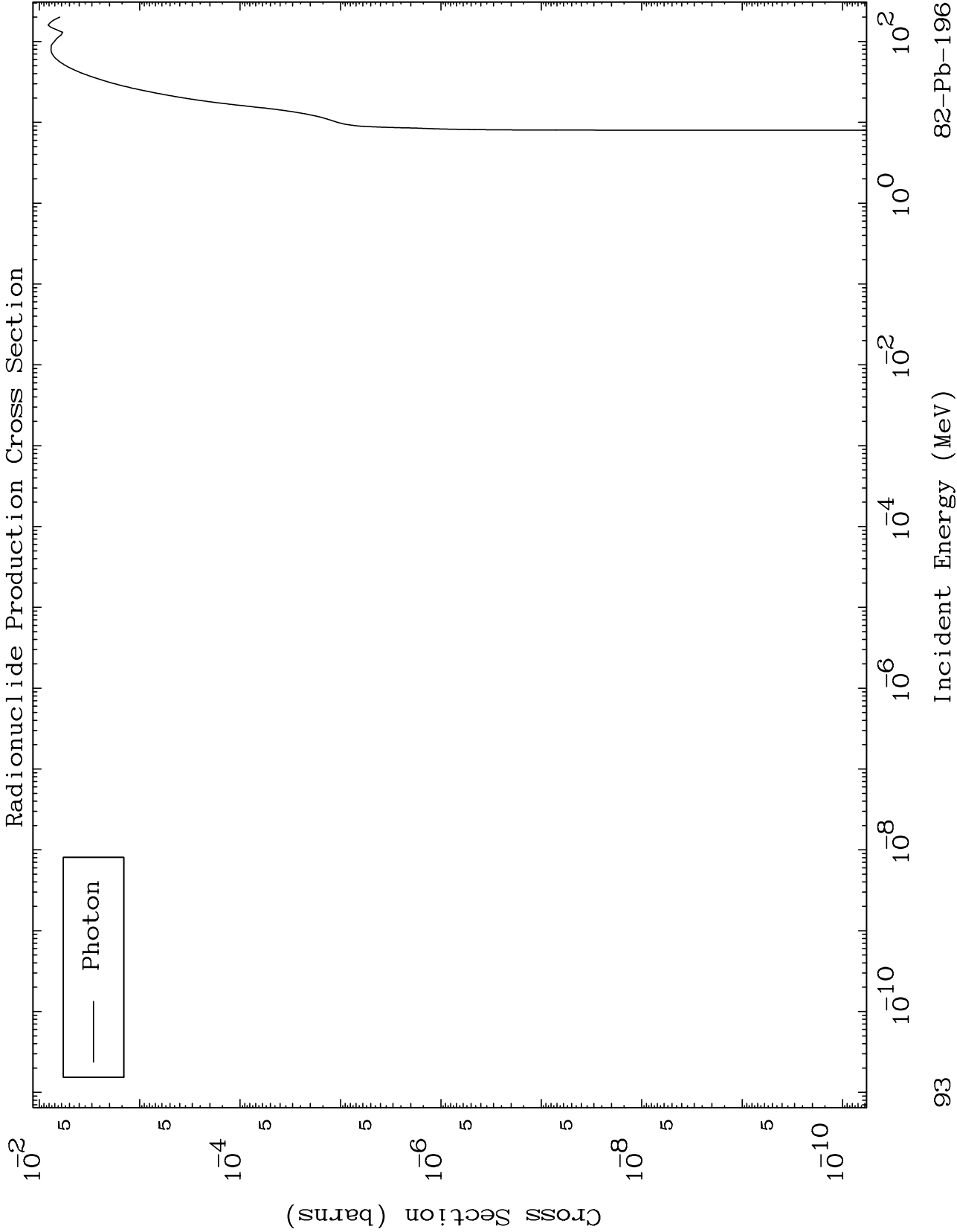
92

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section



93

Incident Energy (MeV)

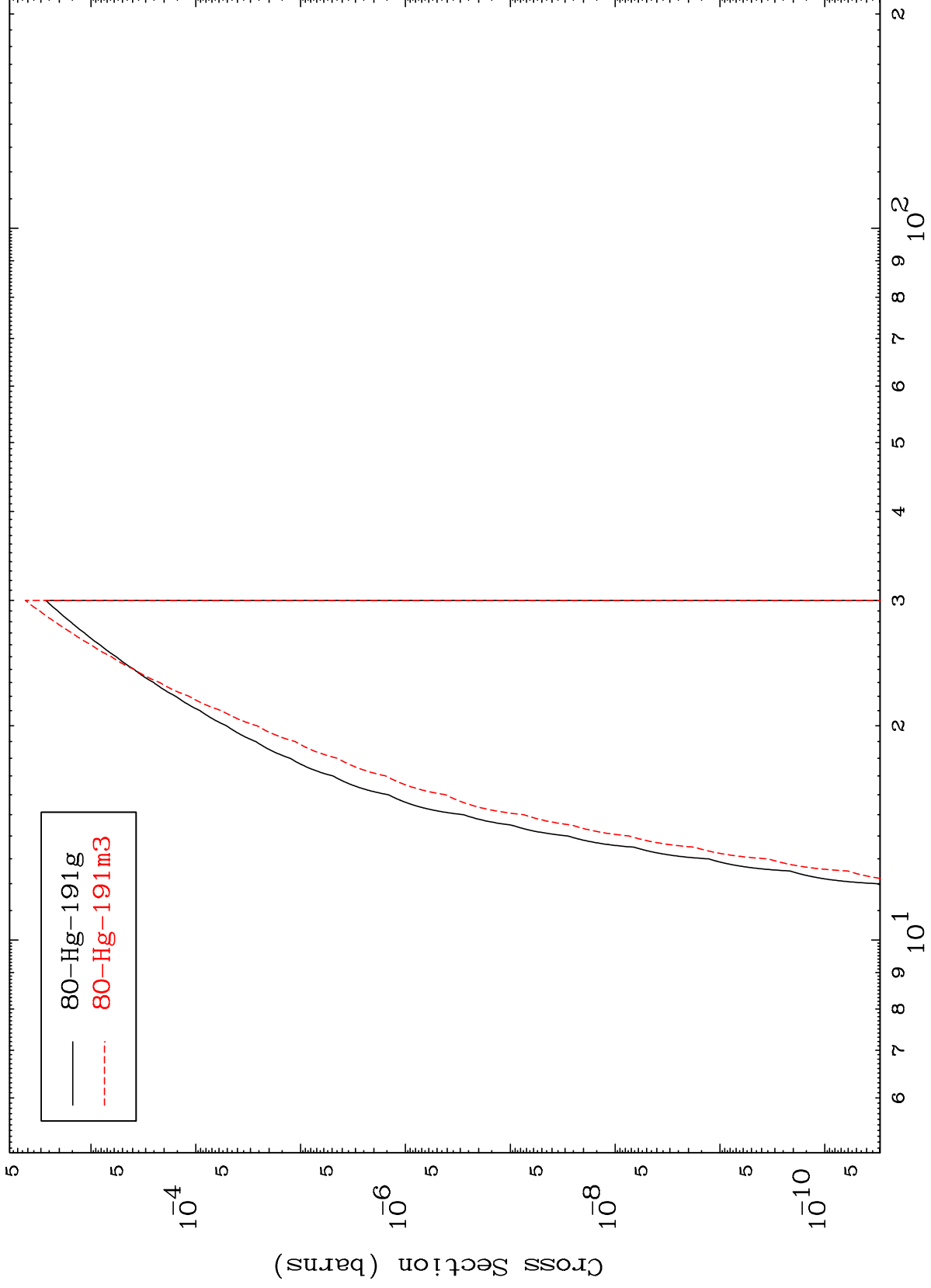
82-Pb-196

MAT 8201

(n,2n) α

82-Pb-196

Radionuclide Production Cross Section



94

Incident Energy (MeV)

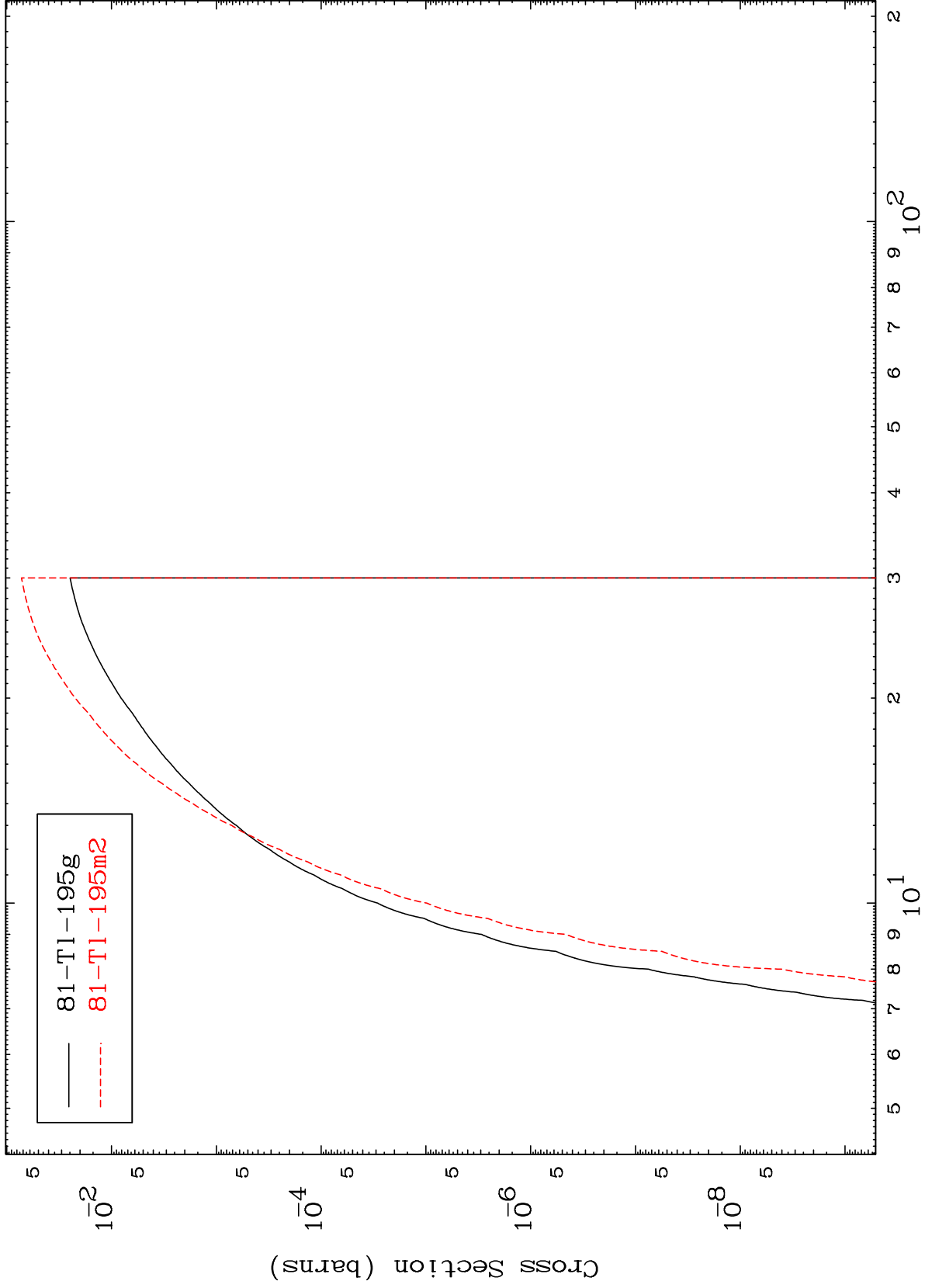
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section

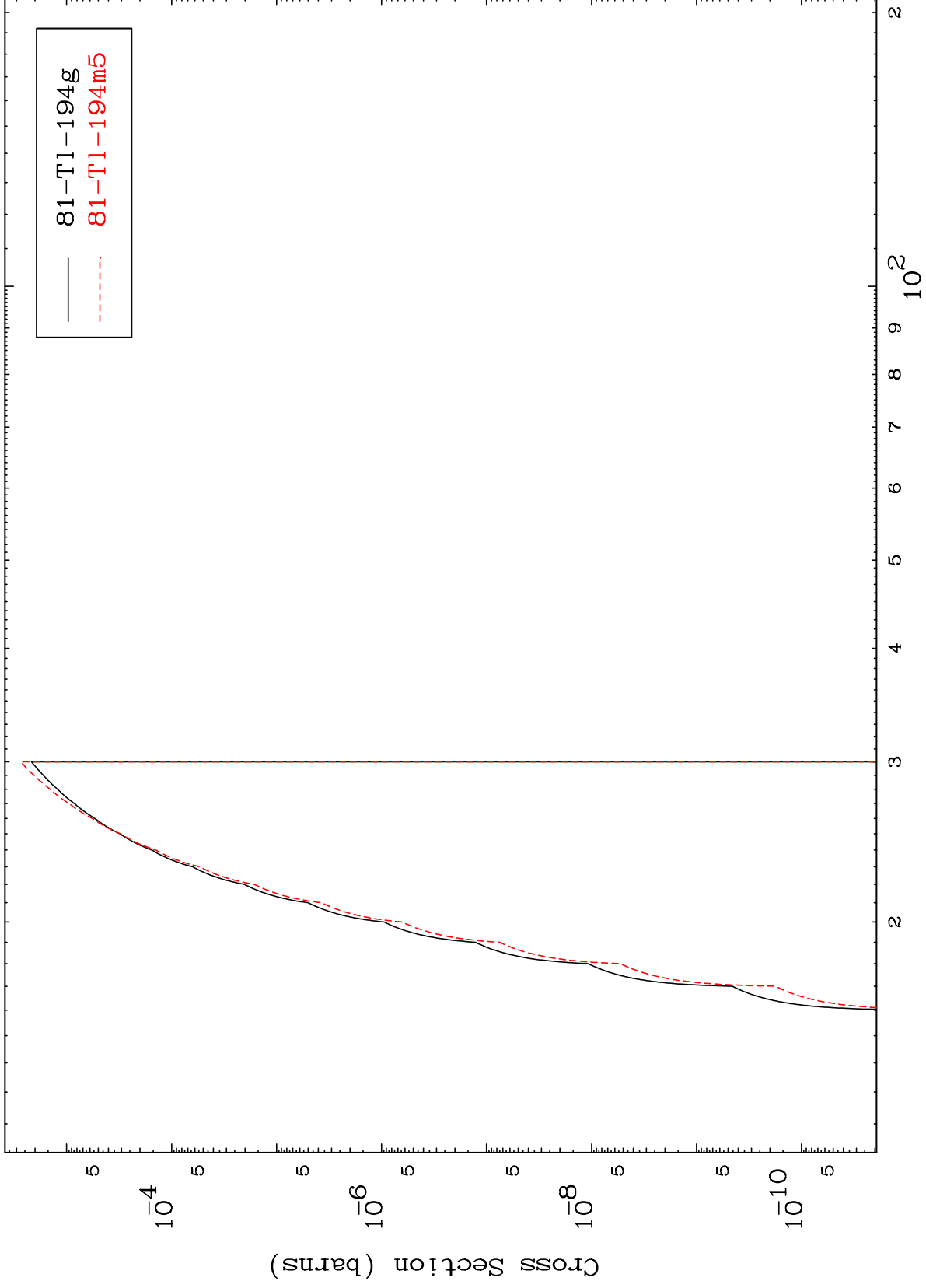


95

Incident Energy (MeV)

82-Pb-196

Radionuclide Production Cross Section

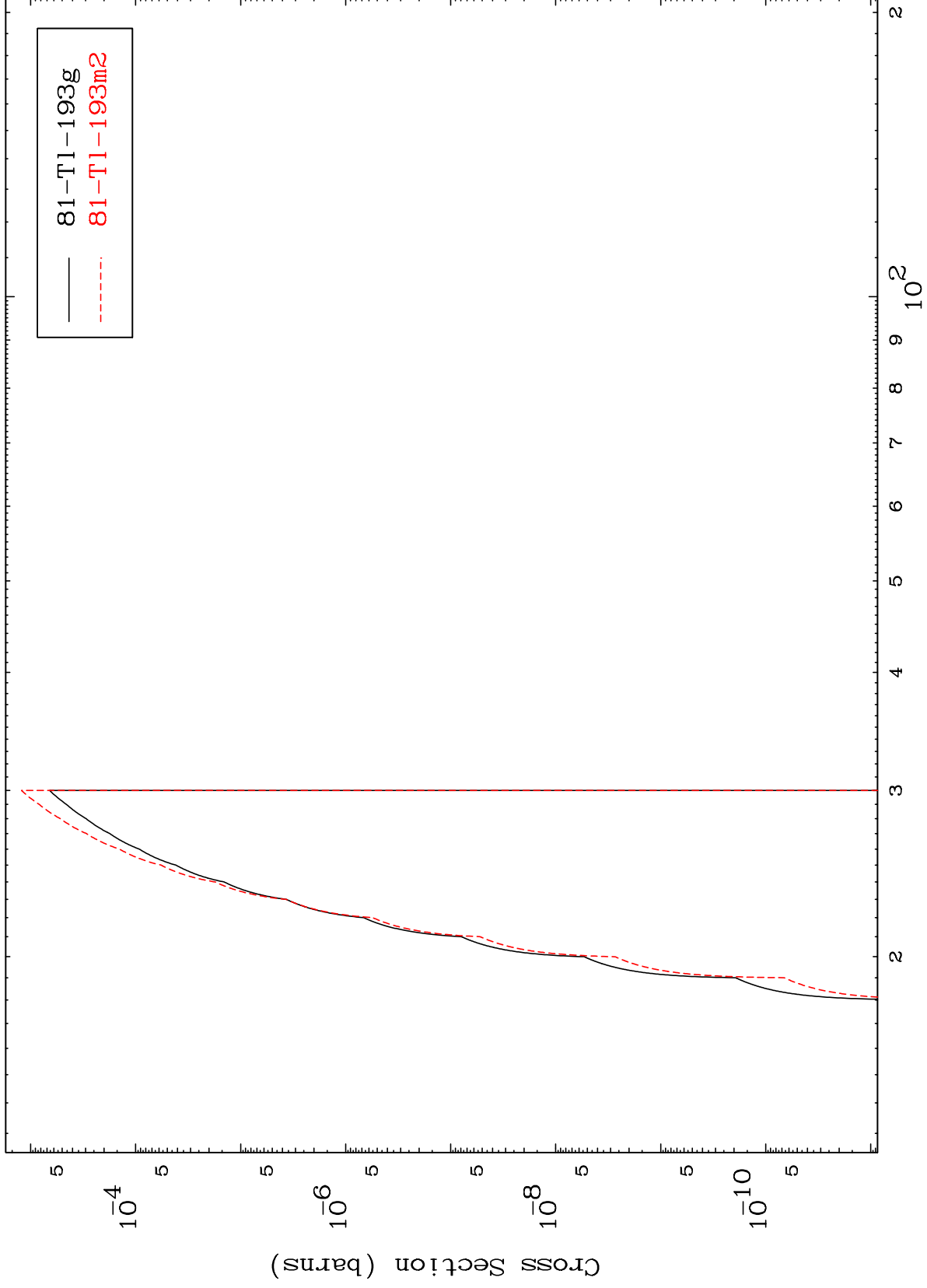


MAT 8201

(n,n') t

82-Pb-196

Radionuclide Production Cross Section



97

Incident Energy (MeV)

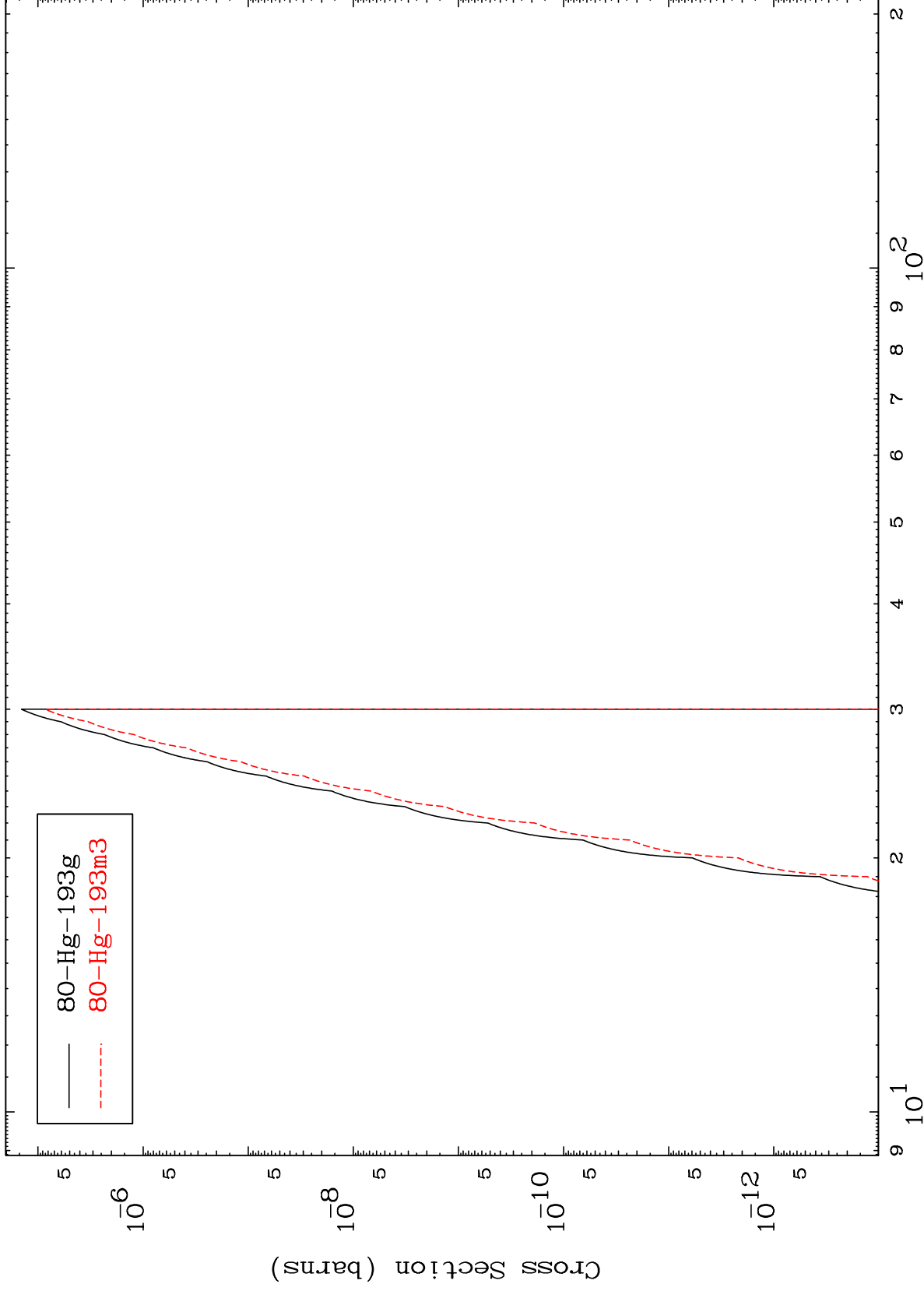
82-Pb-196

MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section



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

98

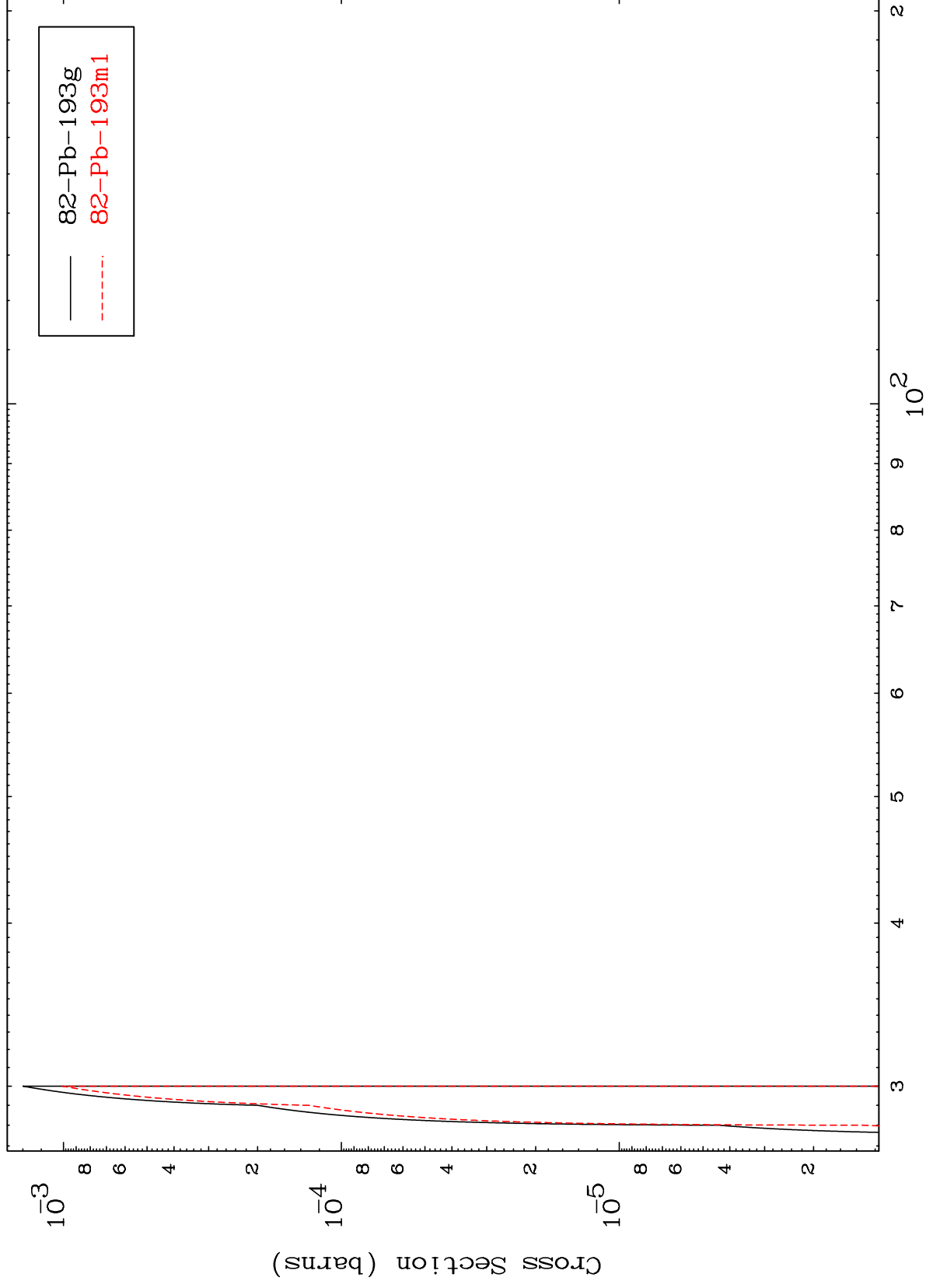
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,4n)
Radionuclide Production Cross Section



99

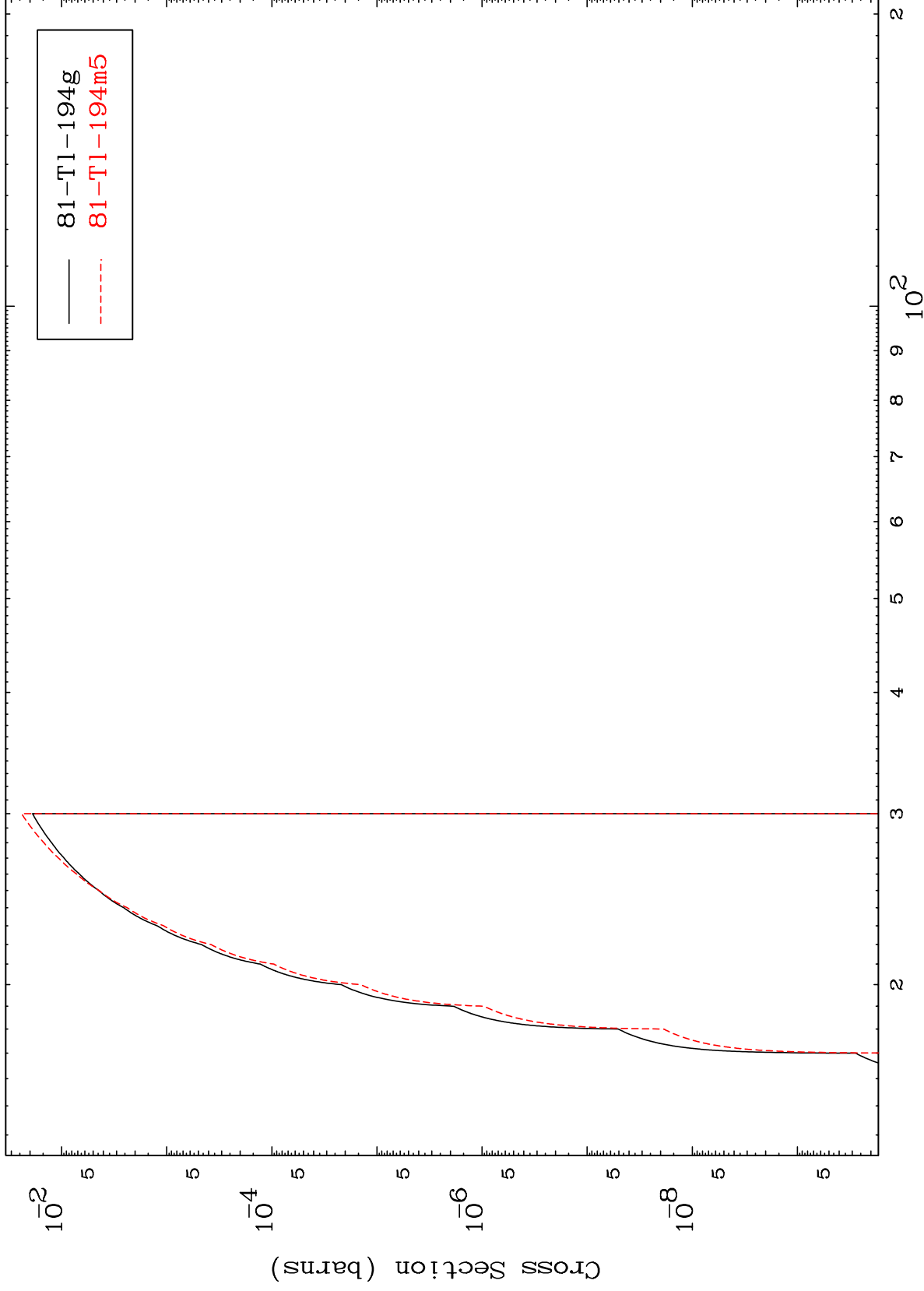
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n,2n) p
Radionuclide Production Cross Section



100

Incident Energy (MeV)

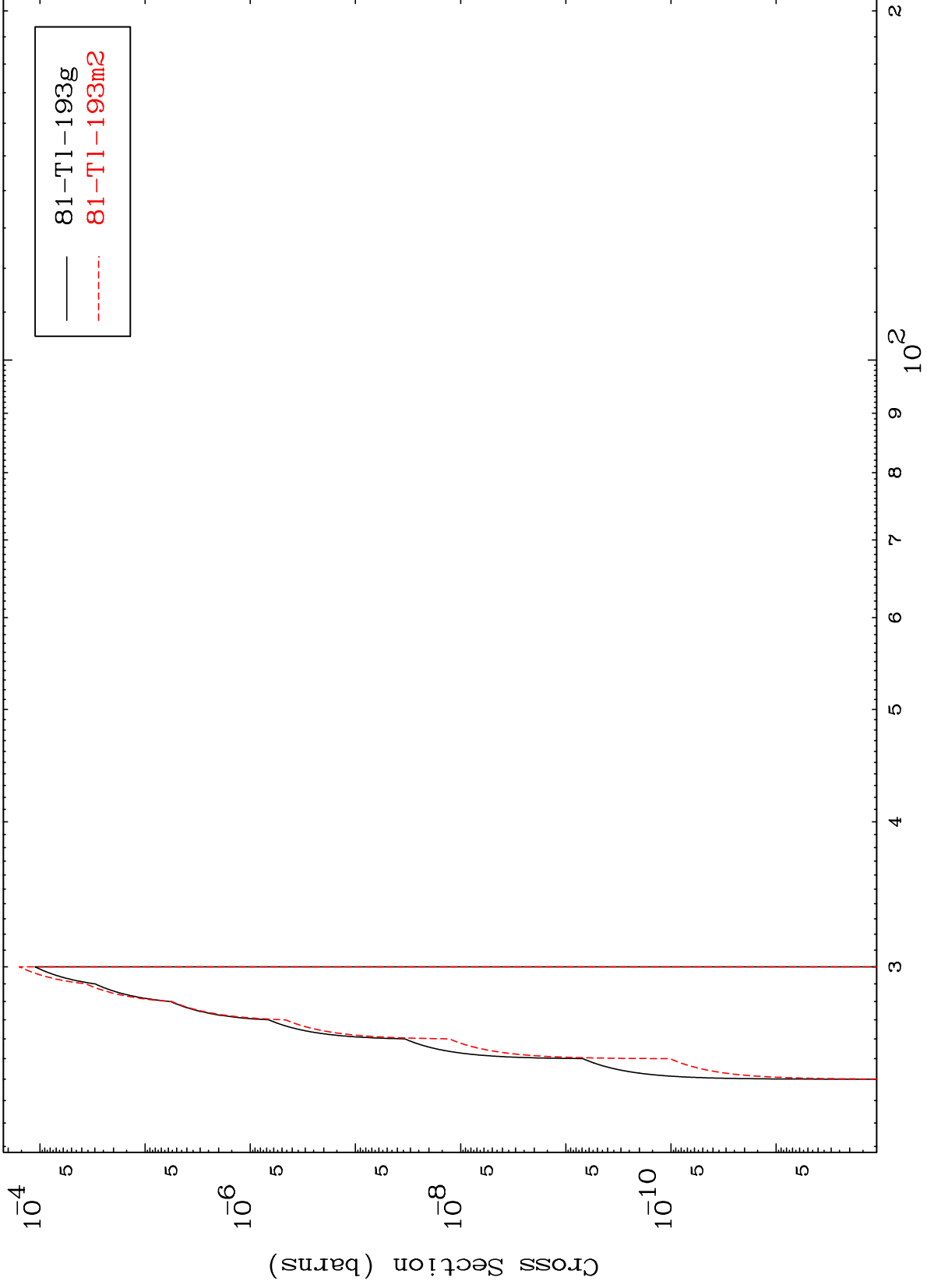
82-Pb-196

MAT 8201

(n,3n) p

82-Pb-196

Radionuclide Production Cross Section



101

Incident Energy (MeV)

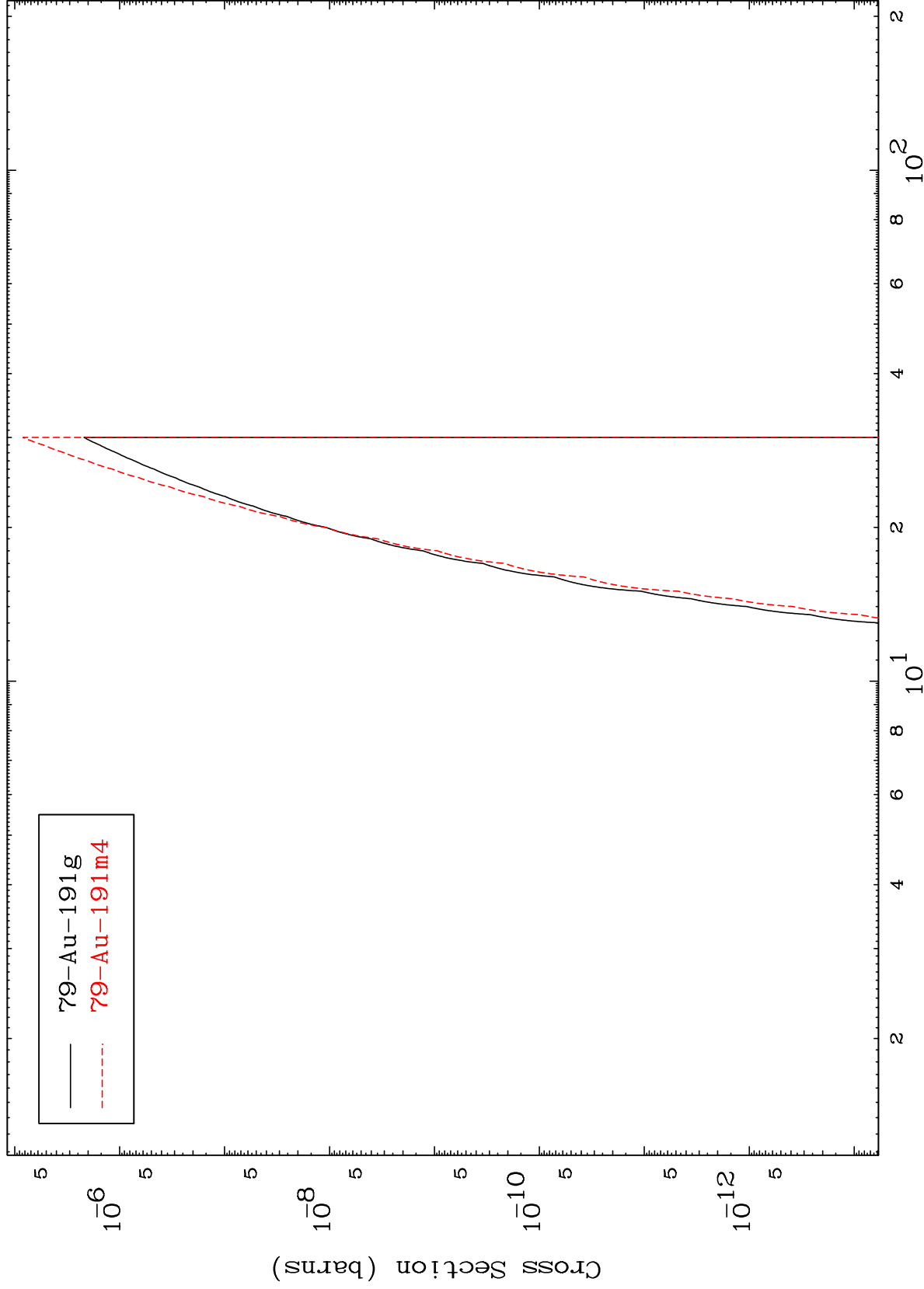
82-Pb-196

MAT 8201

(n,n') p α

82-Pb-196

Radionuclide Production Cross Section



102

Incident Energy (MeV)

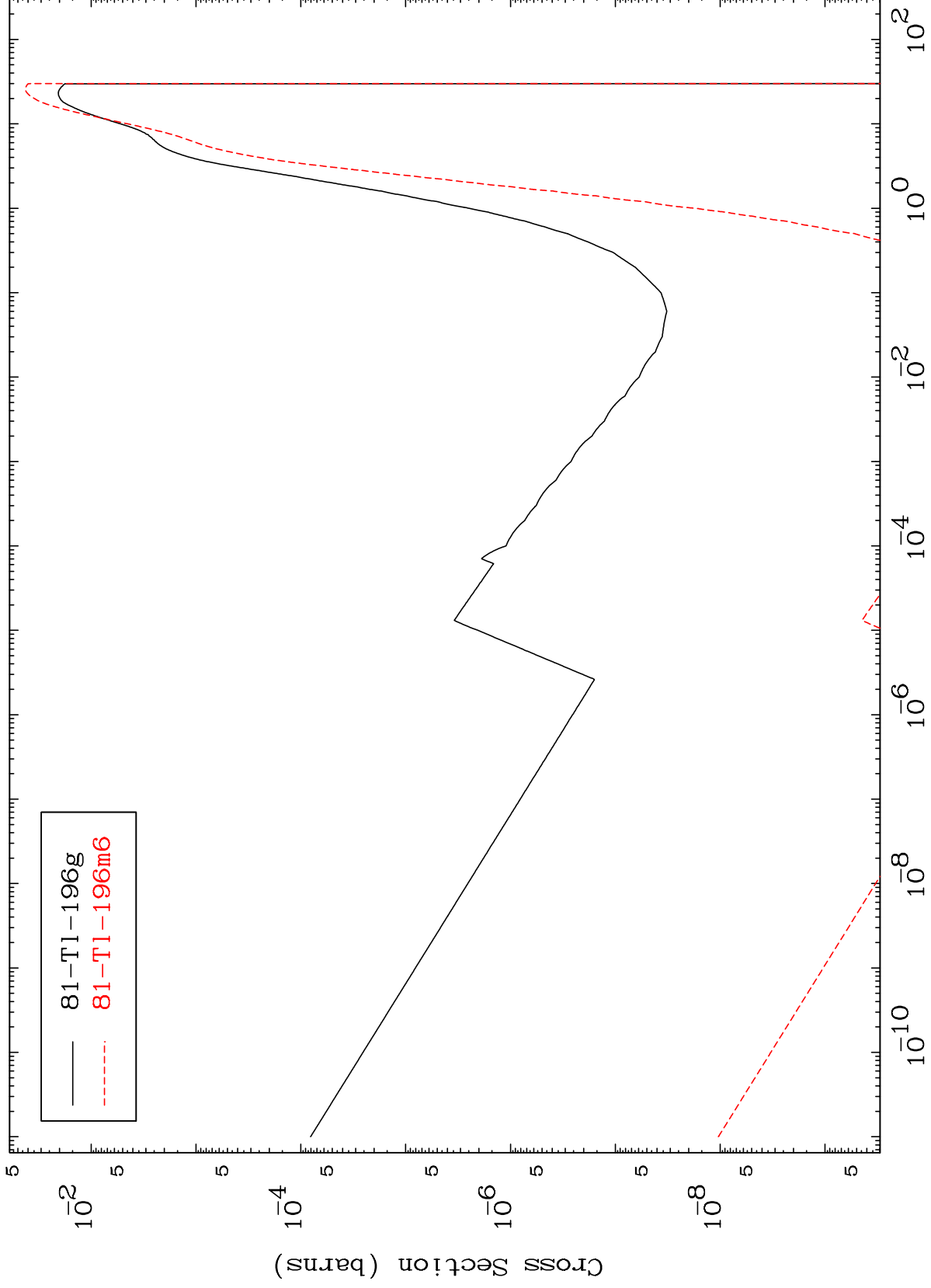
82-Pb-196

MAT 8201

(n,p)

82-Pb-196

Radionuclide Production Cross Section



104

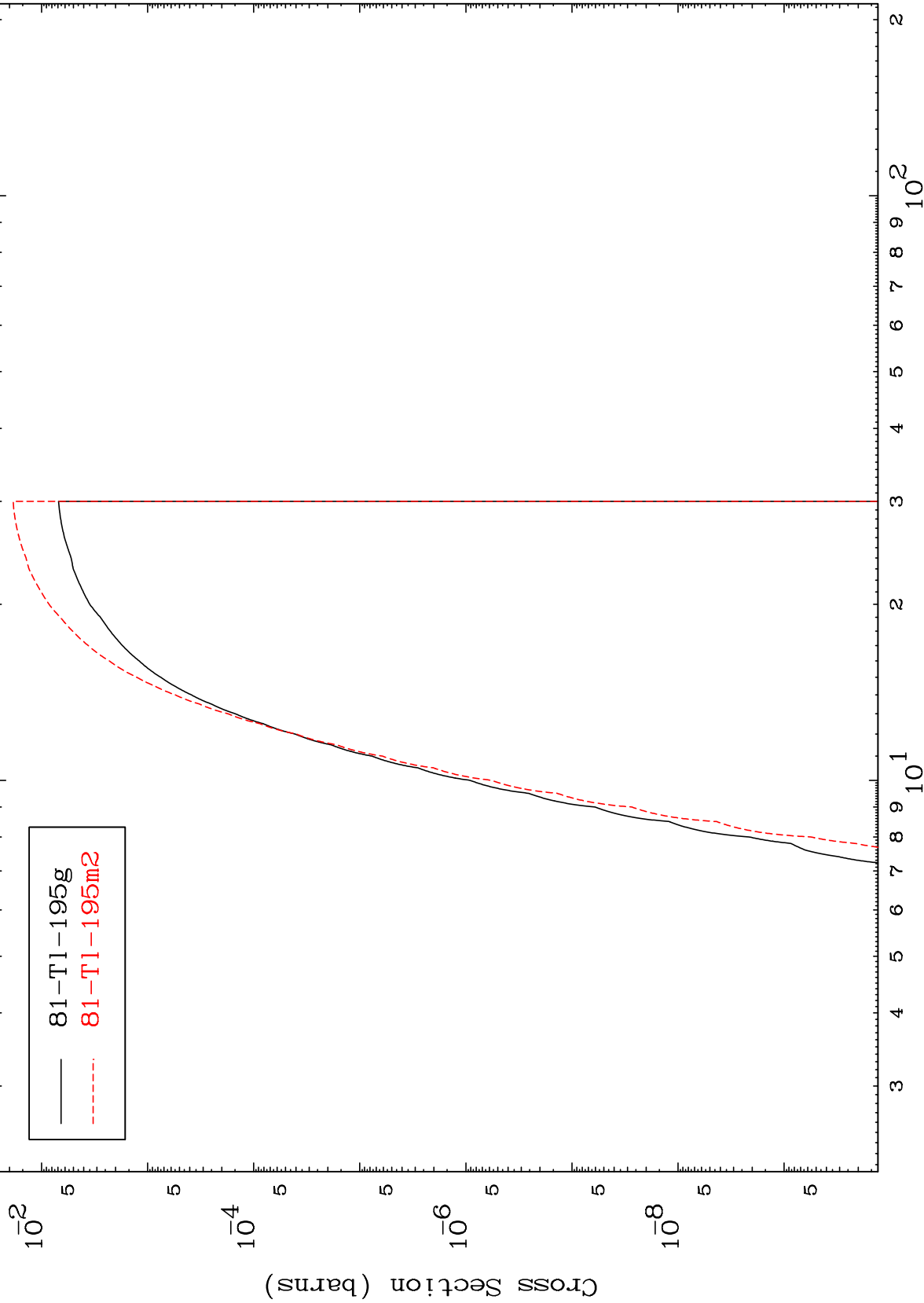
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,d)
Radionuclide Production Cross Section



105

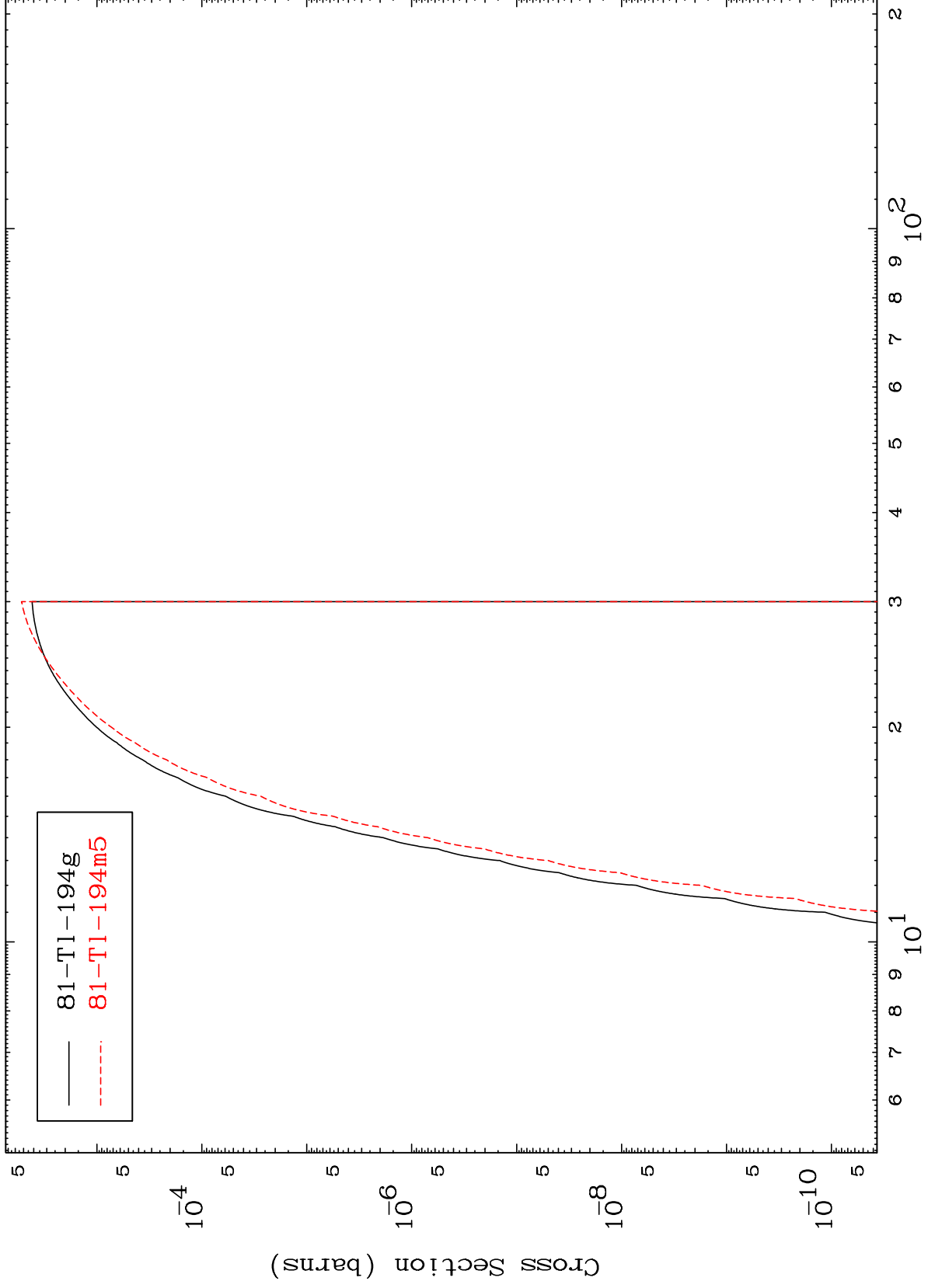
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n, t)
Radionuclide Production Cross Section



106

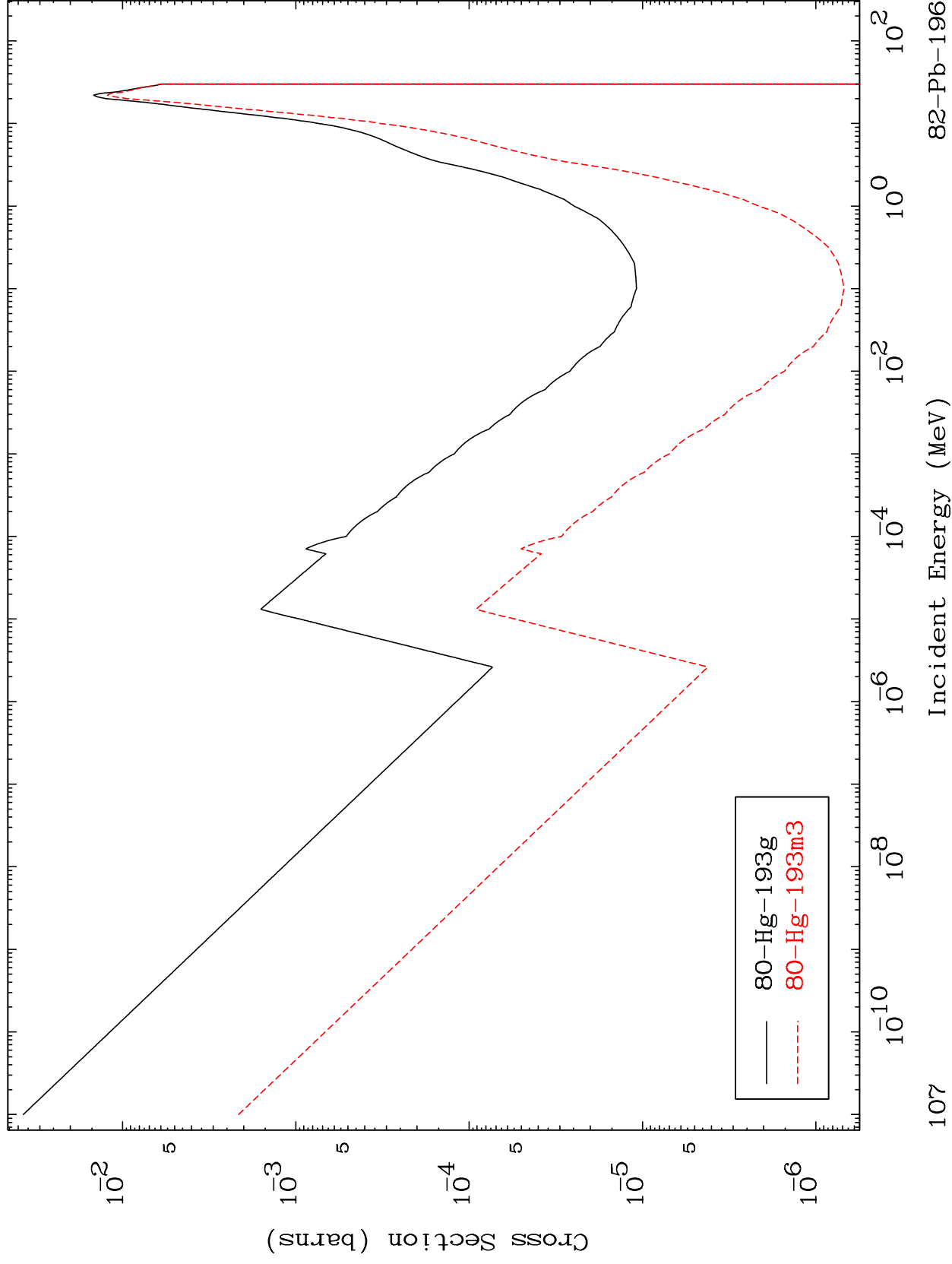
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

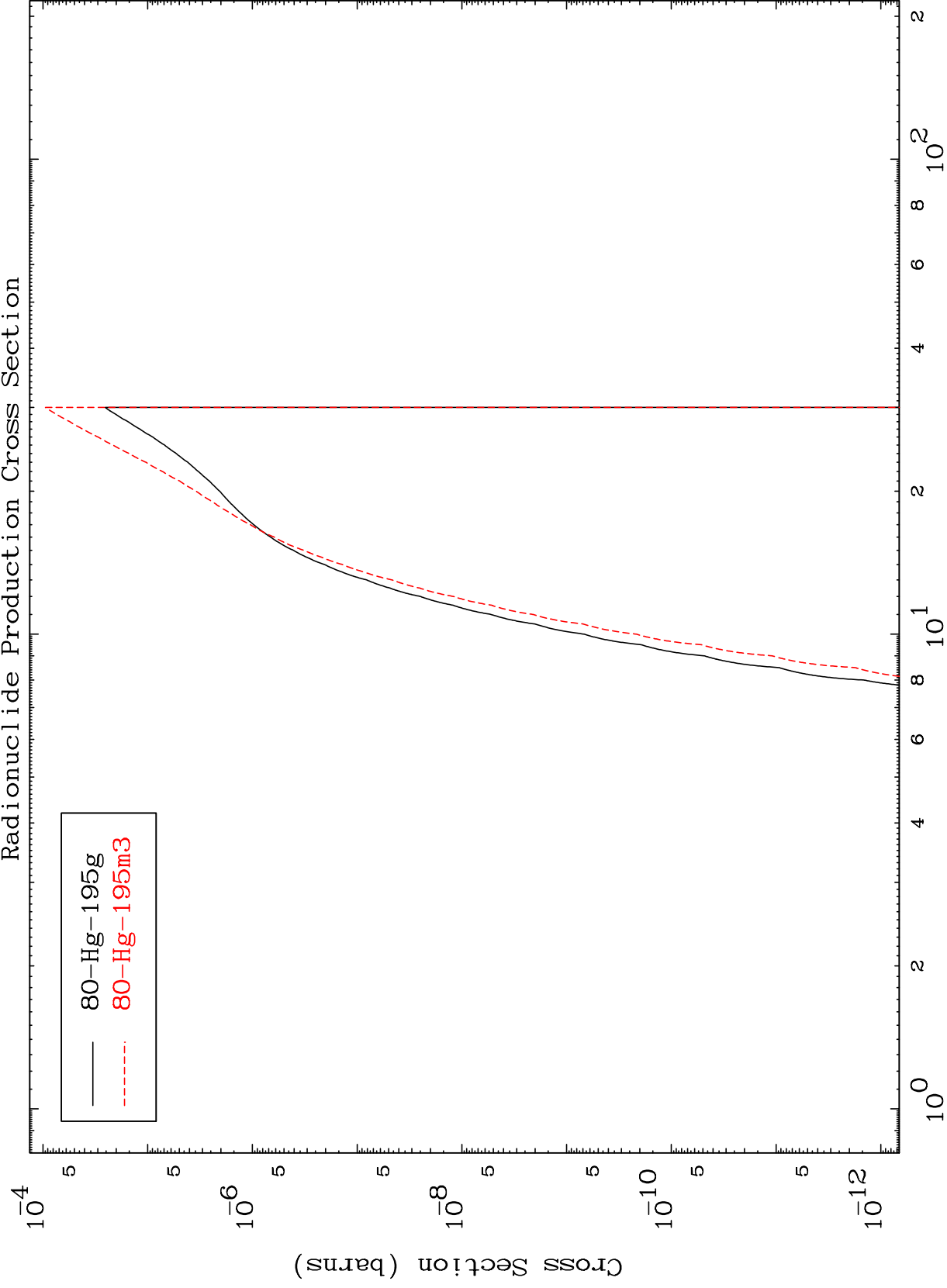
Radionuclide Production Cross Section
(n, α)



MAT 8201

82-Pb-196

(n,2p)
Radionuclide Production Cross Section



82-Pb-196

Incident Energy (MeV)

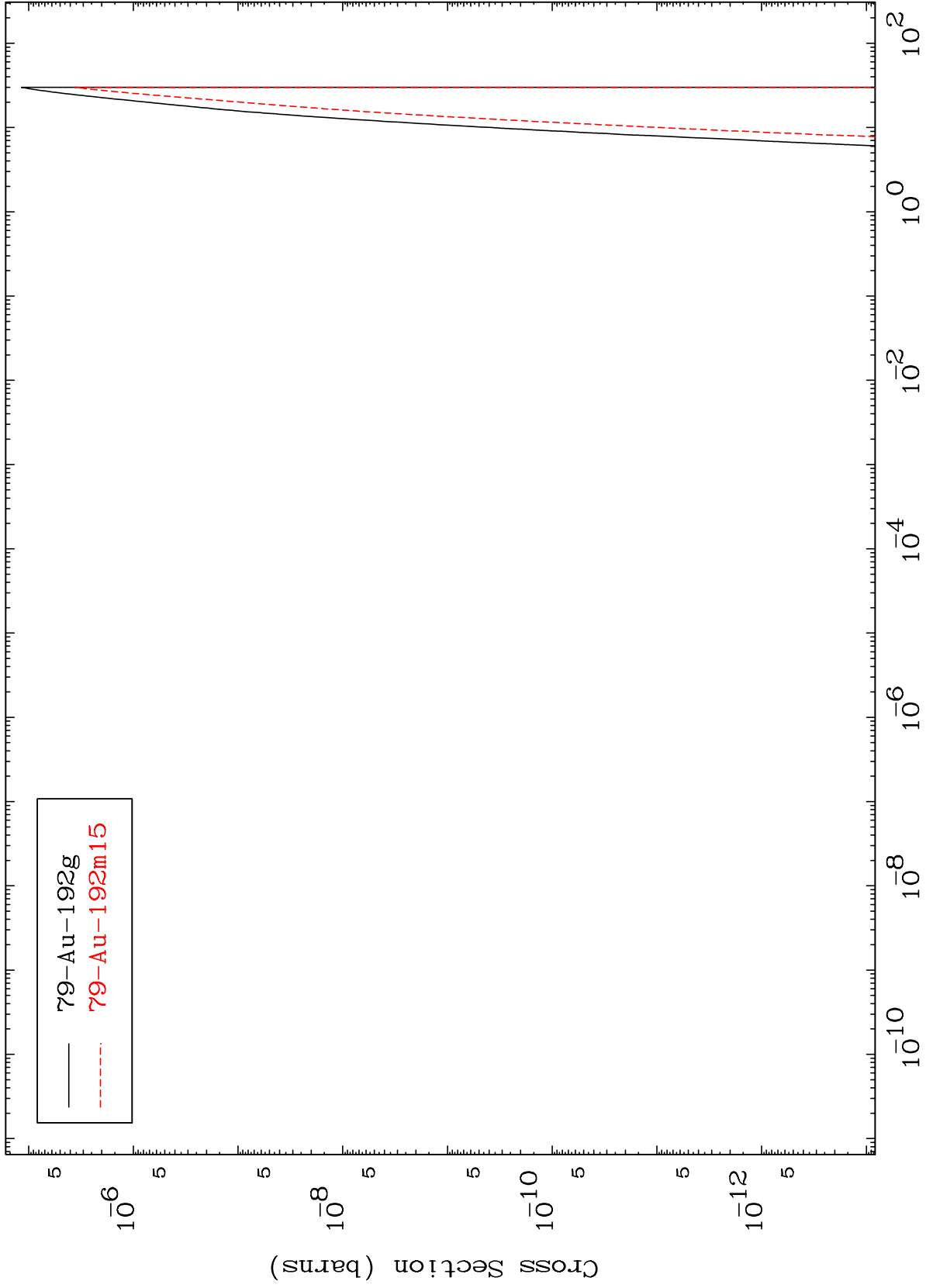
108

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



109

Incident Energy (MeV)

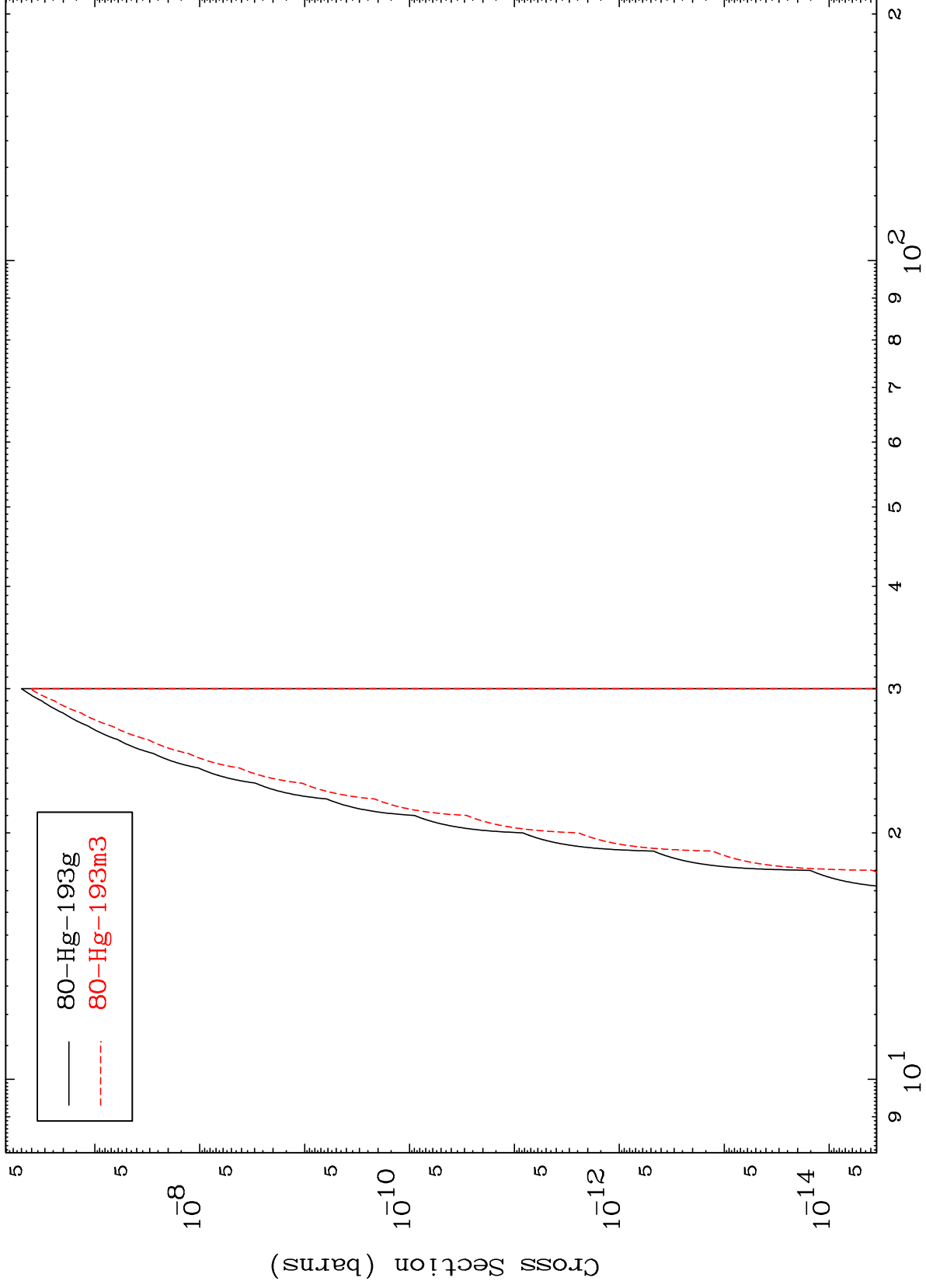
82-Pb-196

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



110

Incident Energy (MeV)

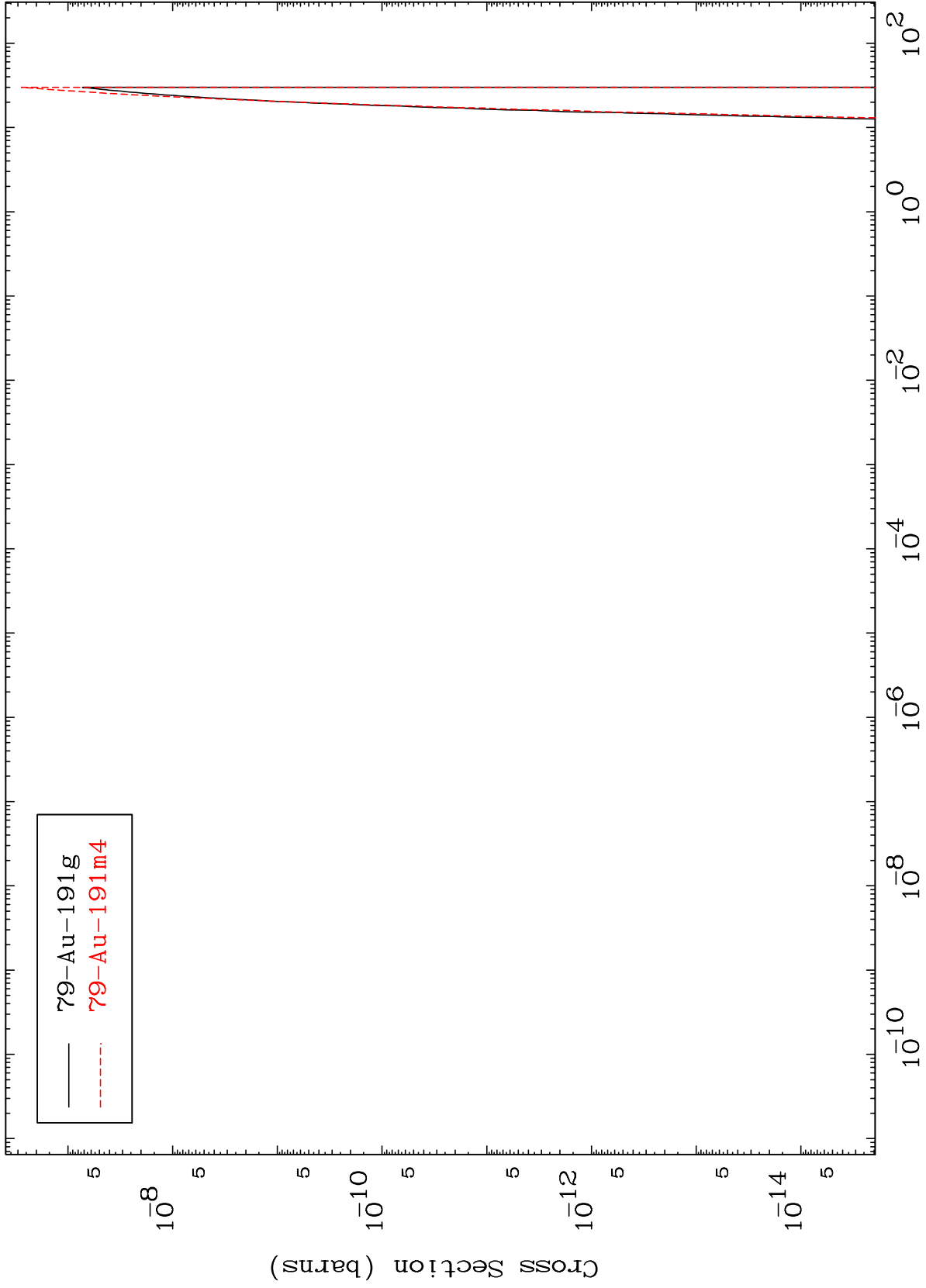
82-Pb-196

MAT 8201

(n,d) α

82-Pb-196

Radionuclide Production Cross Section



111

Incident Energy (MeV)

82-Pb-196