

Program EVALPLOT
(Version 2015-2)

by

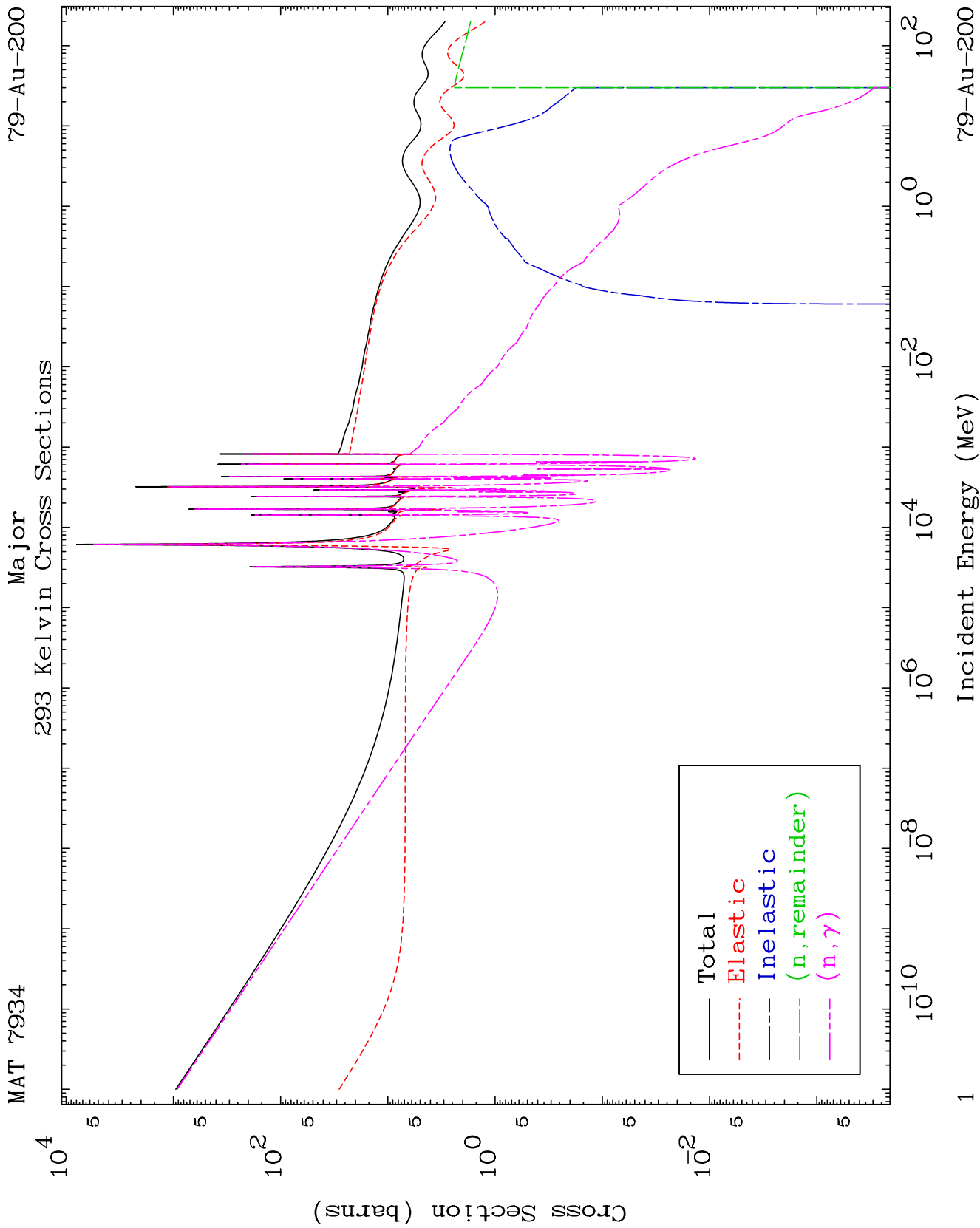
Dermott E. Cullen
(Present Contact Information)

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

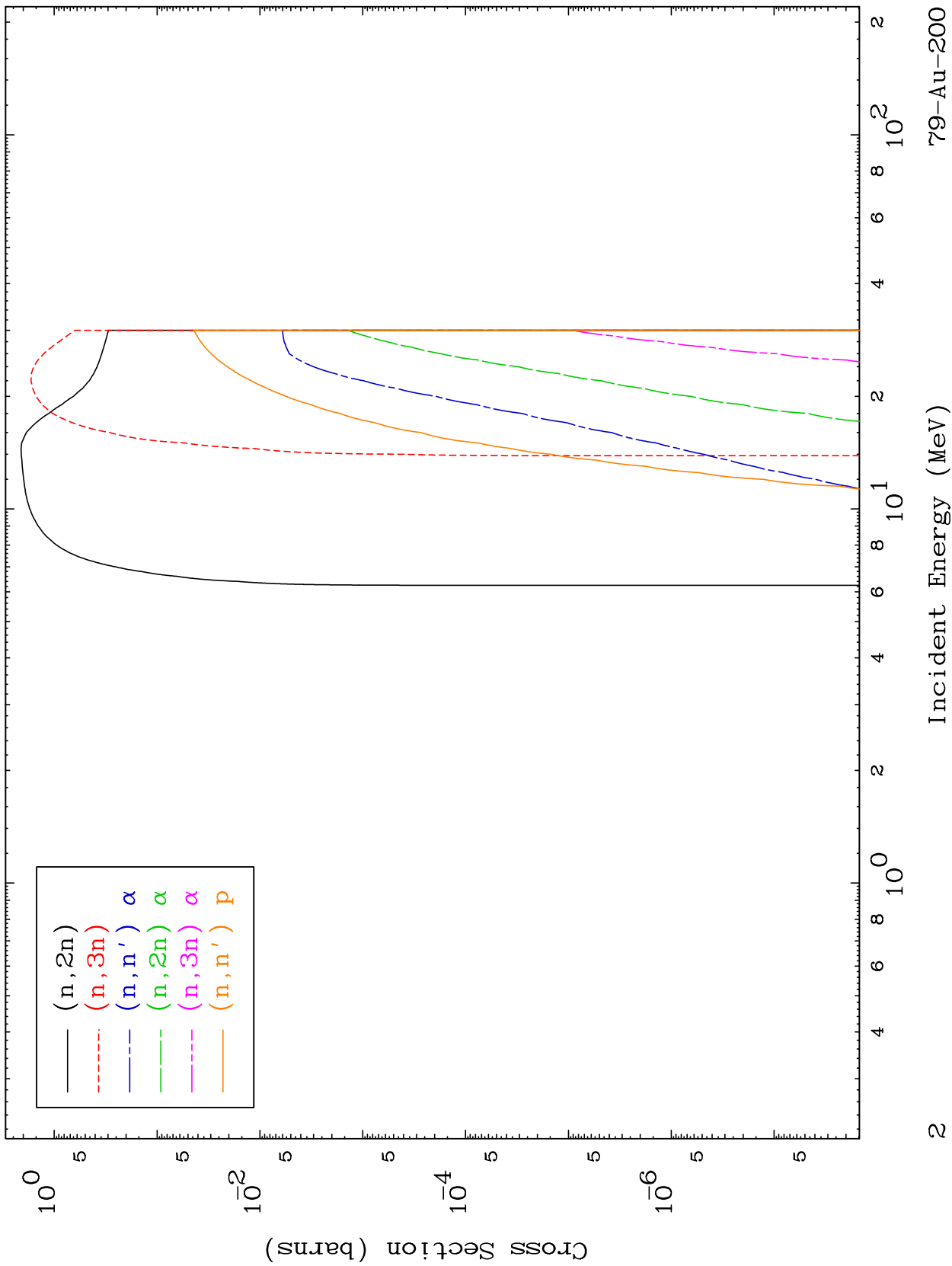
Press Mouse Button to Start



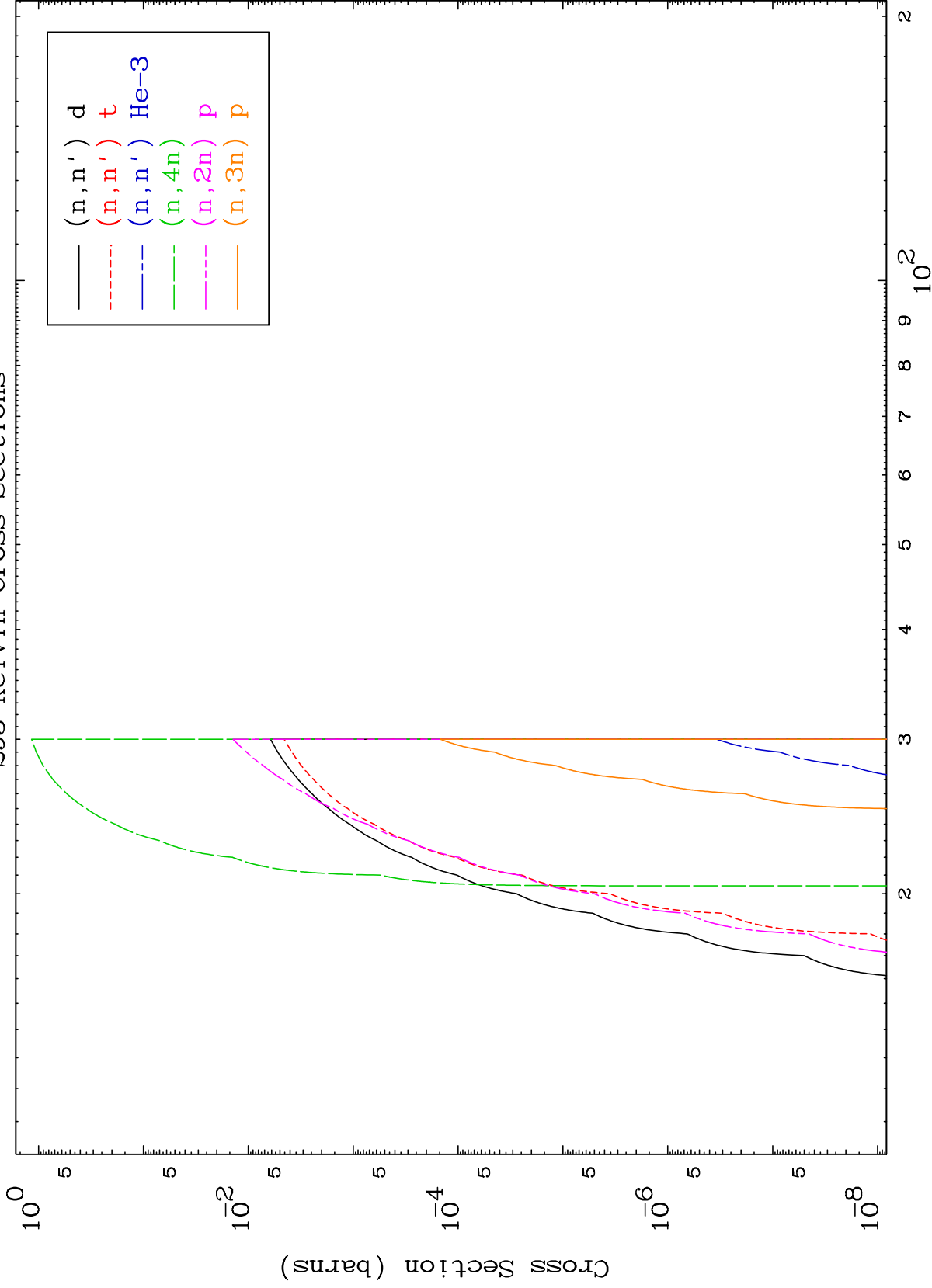
MAT 7934

Neutron Production
293 Kelvin Cross Sections

79-Au-200



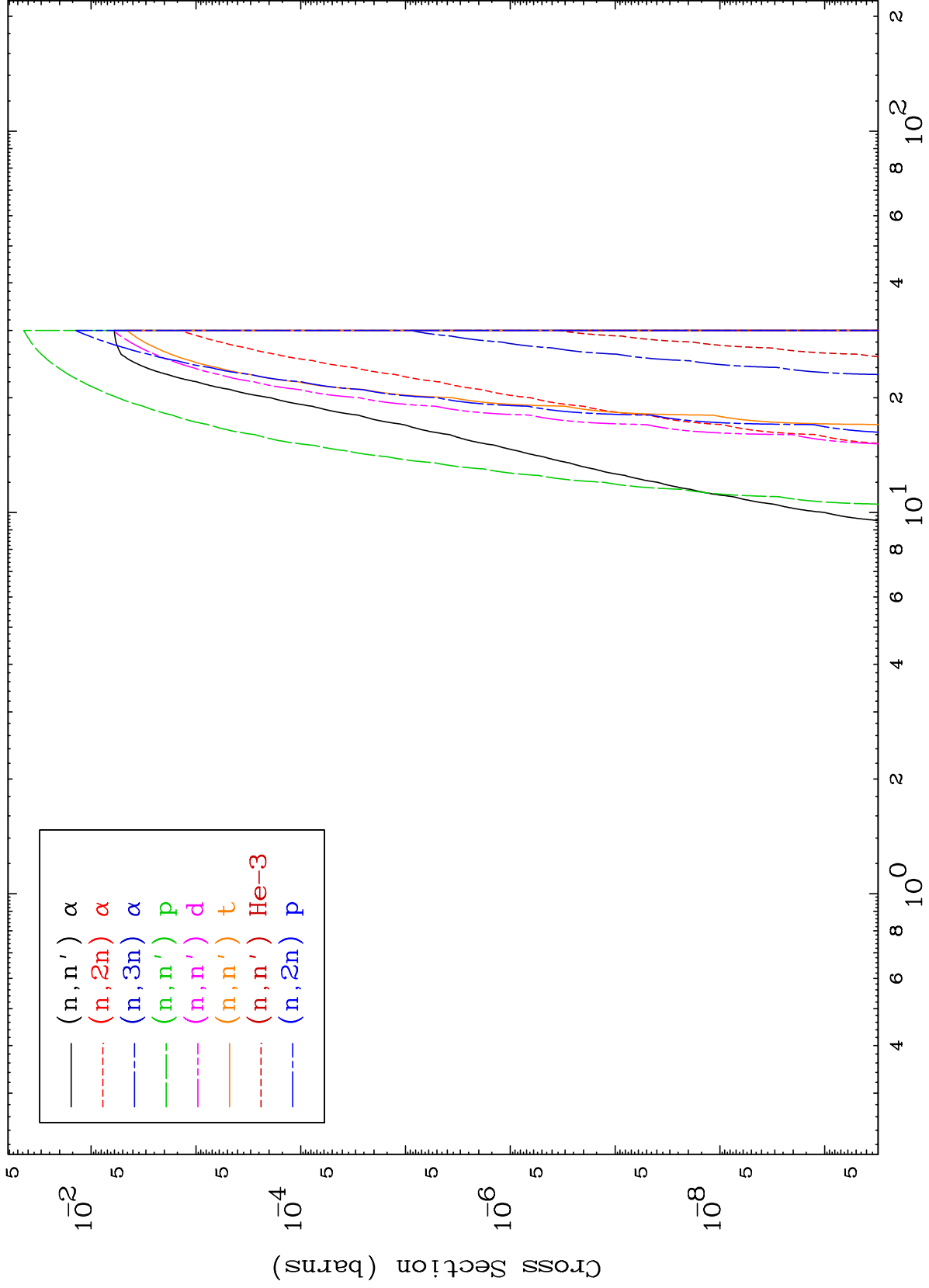
79-Au-200



MAT 7934

Charged Particle
293 Kelvin Cross Sections

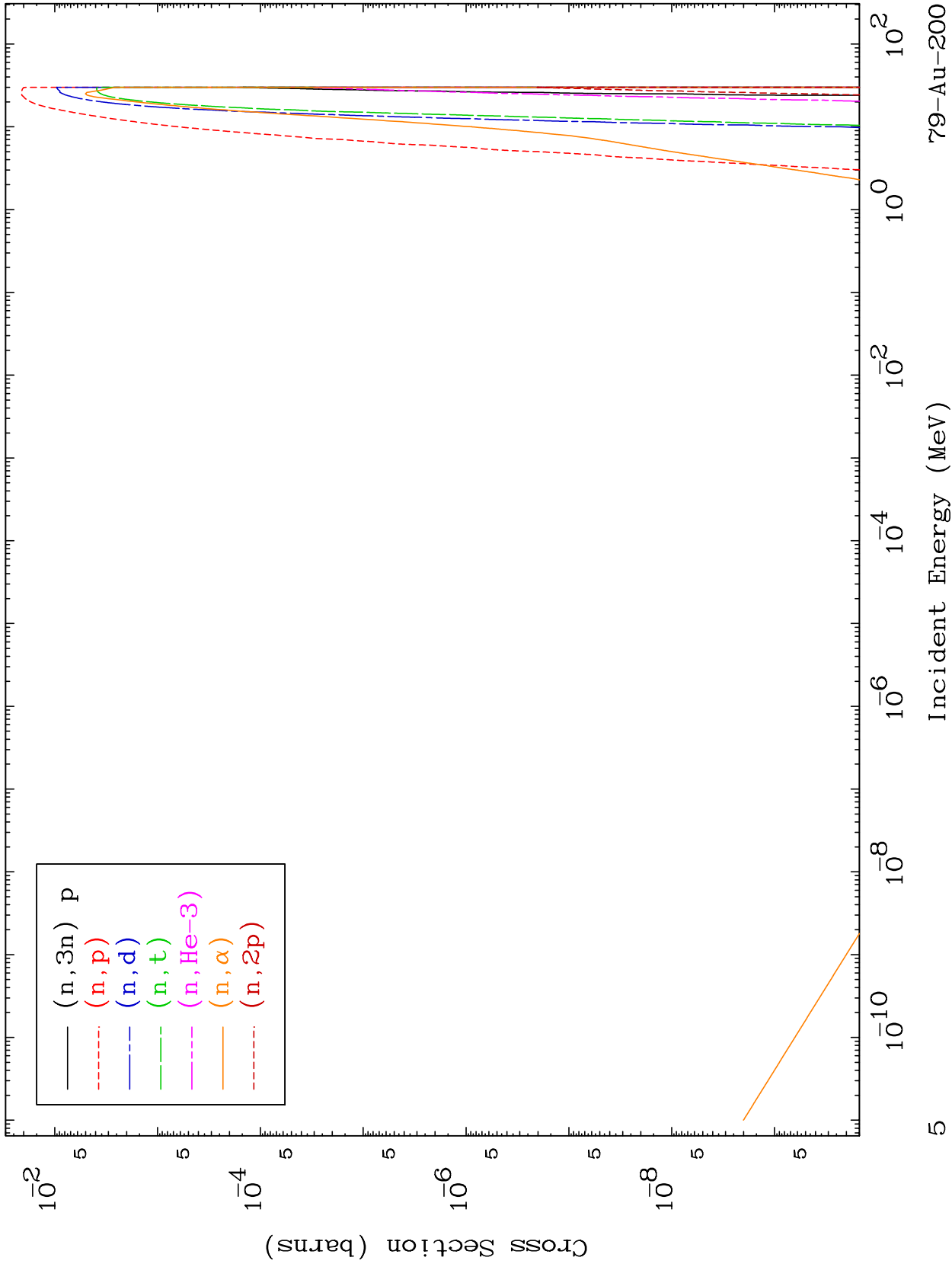
79-Au-200



MAT 7934

Charged Particle
293 Kelvin Cross Sections

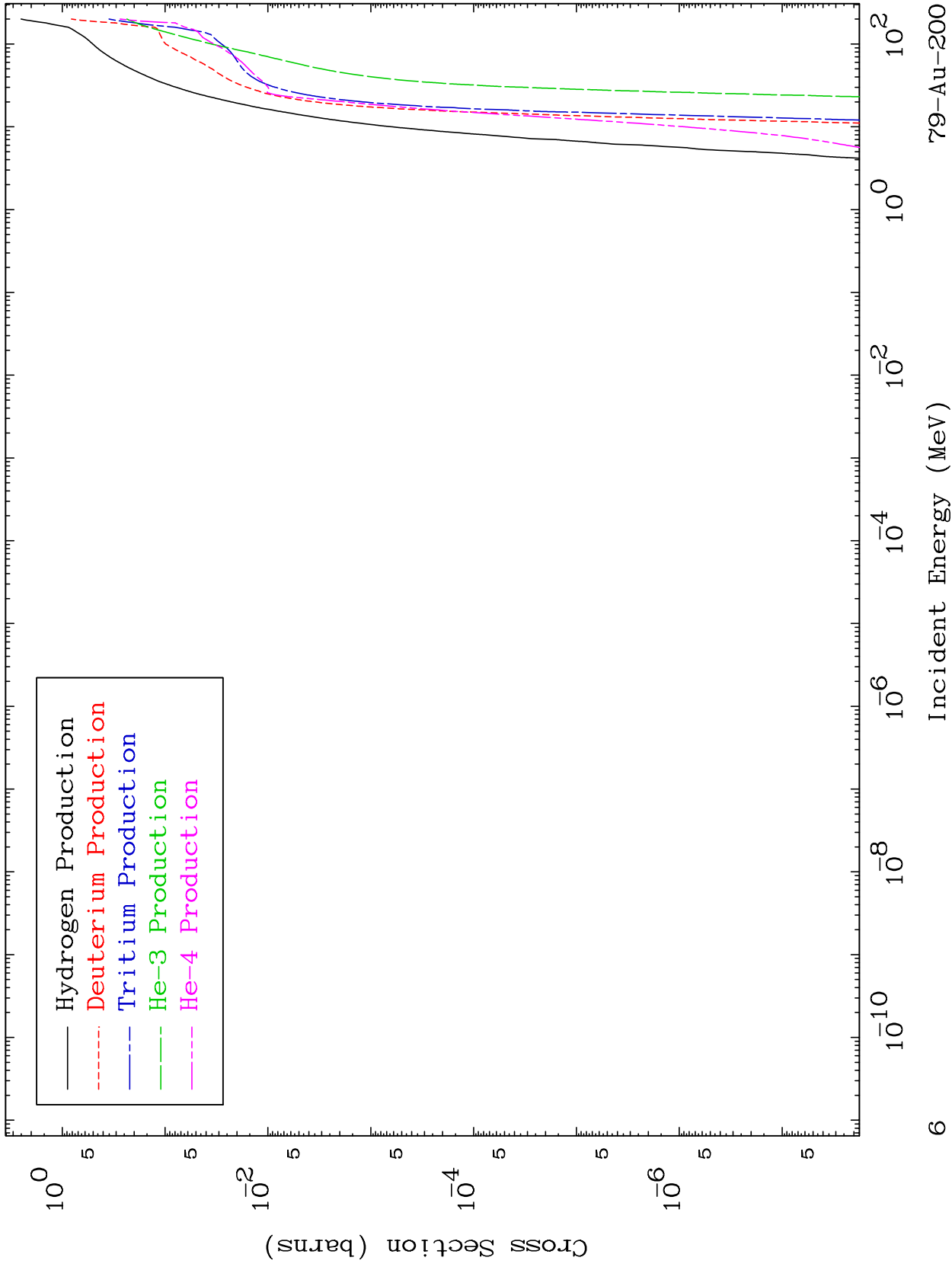
79-Au-200



MAT 7934

Particle Production
293 Kelvin Cross Sections

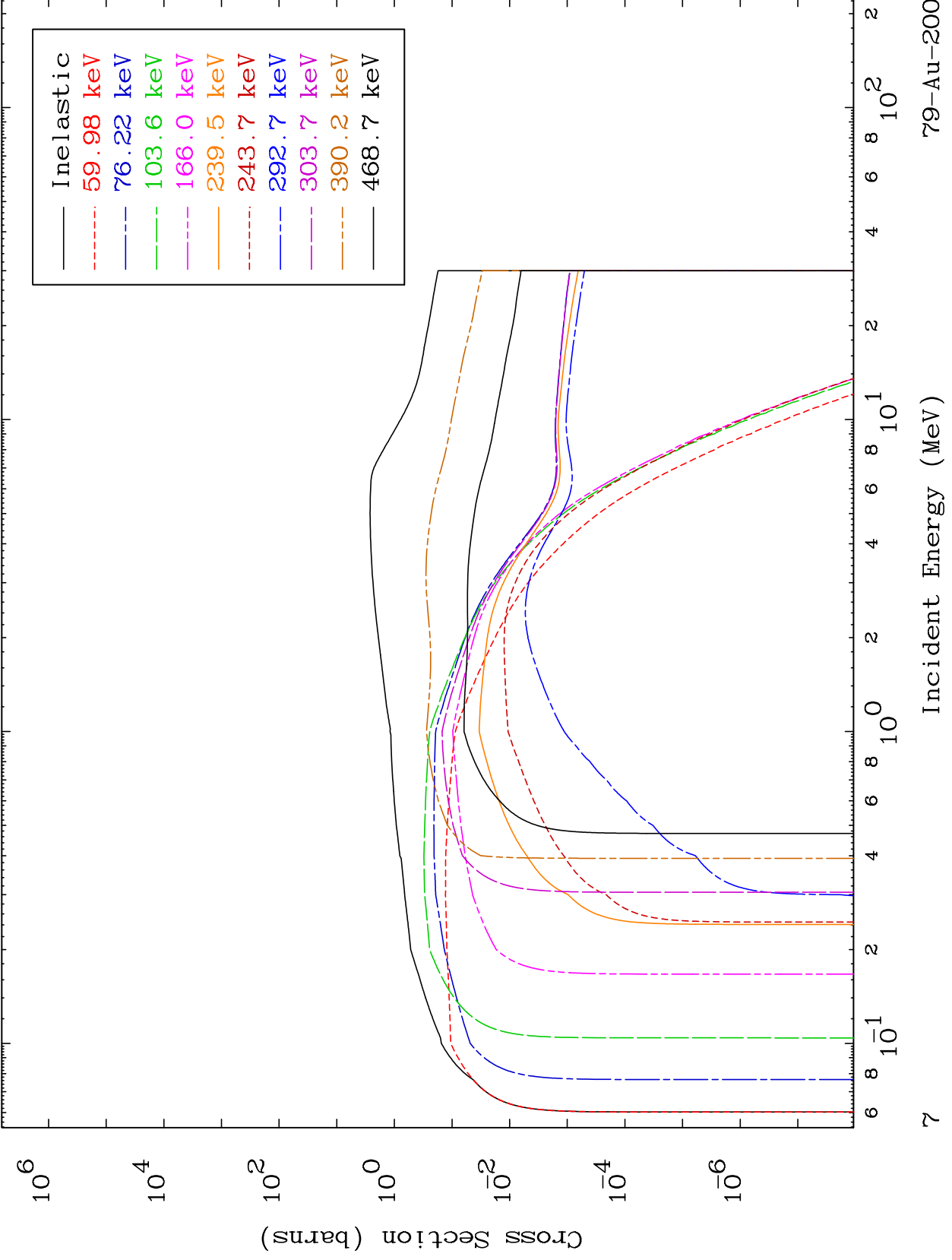
79-Au-200



MAT 7934

(n,n') Level
293 Kelvin Cross Sections

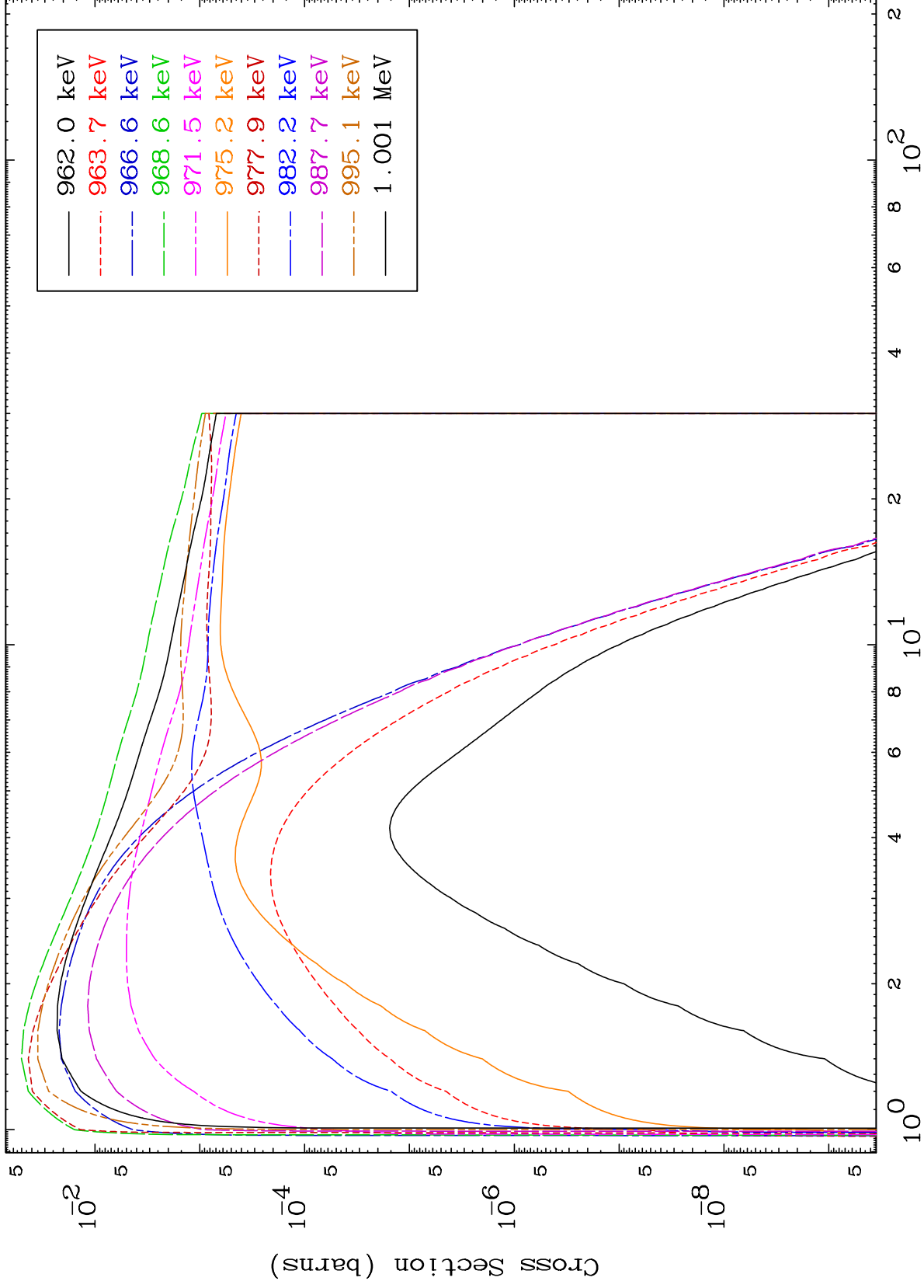
79-Au-200



MAT 7934

(n,n') Level
293 Kelvin Cross Sections

79-Au-200



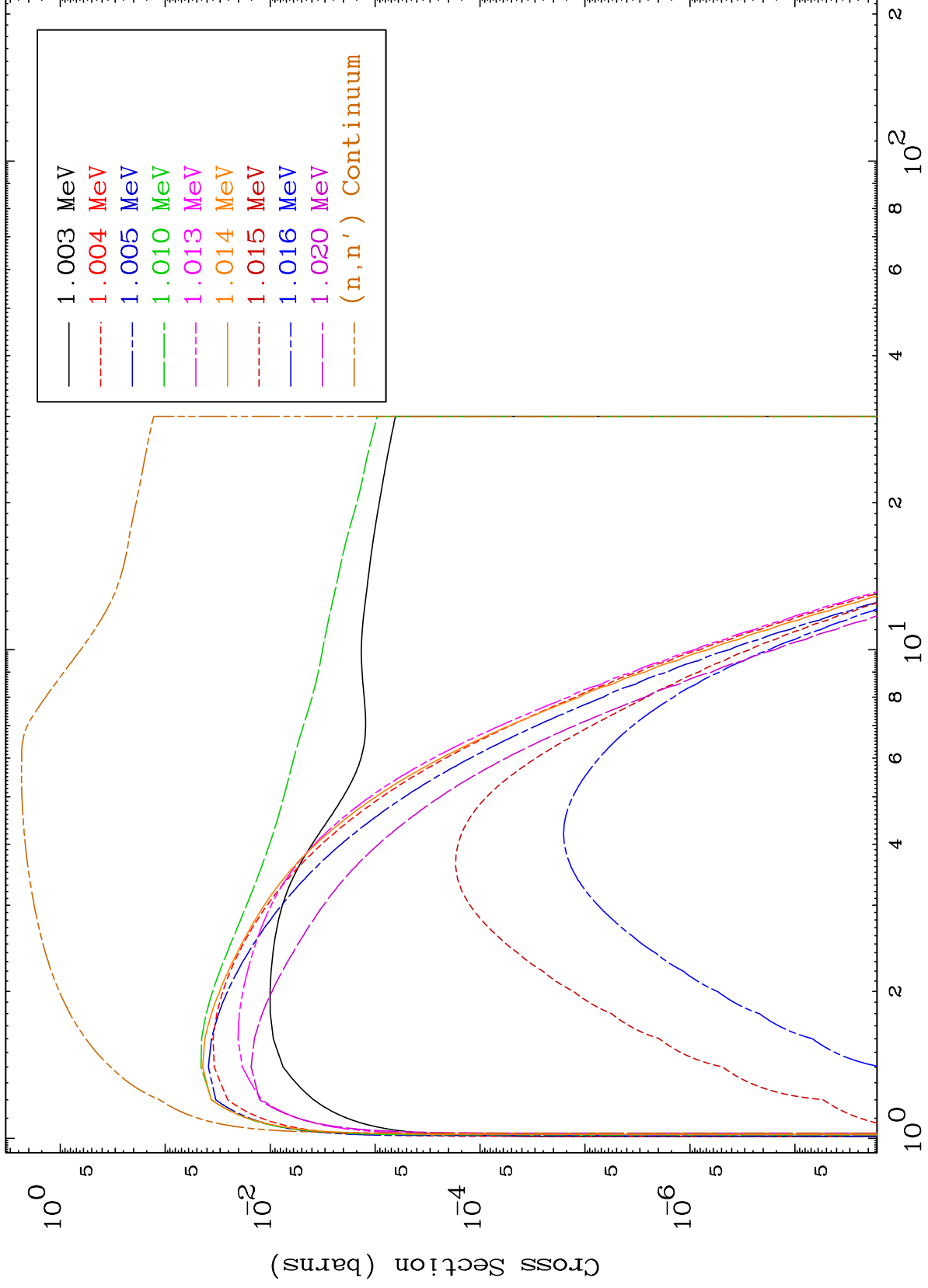
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,n') Level
293 Kelvin Cross Sections

79-Au-200



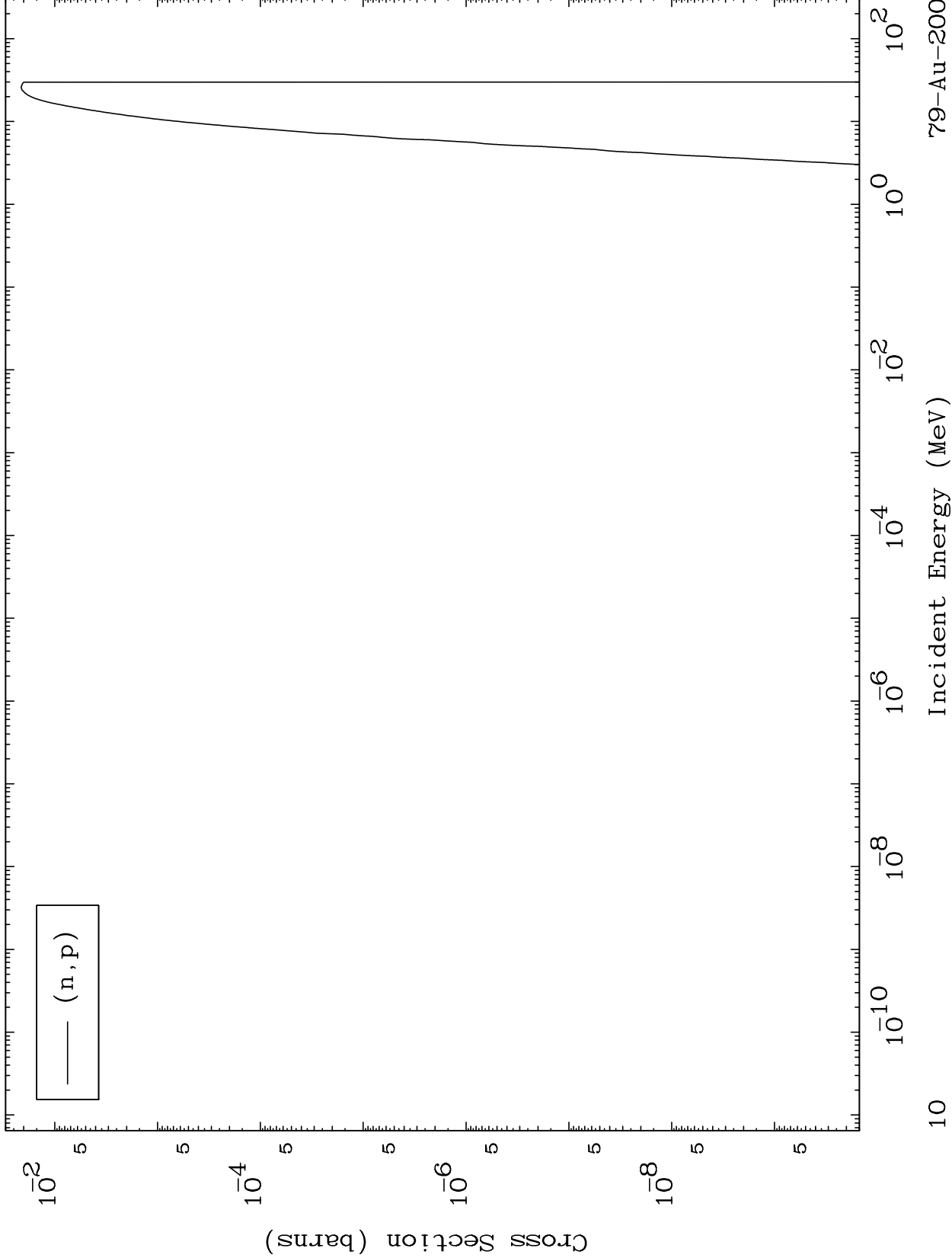
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,p) Levels
293 Kelvin Cross Sections

79-Au-200



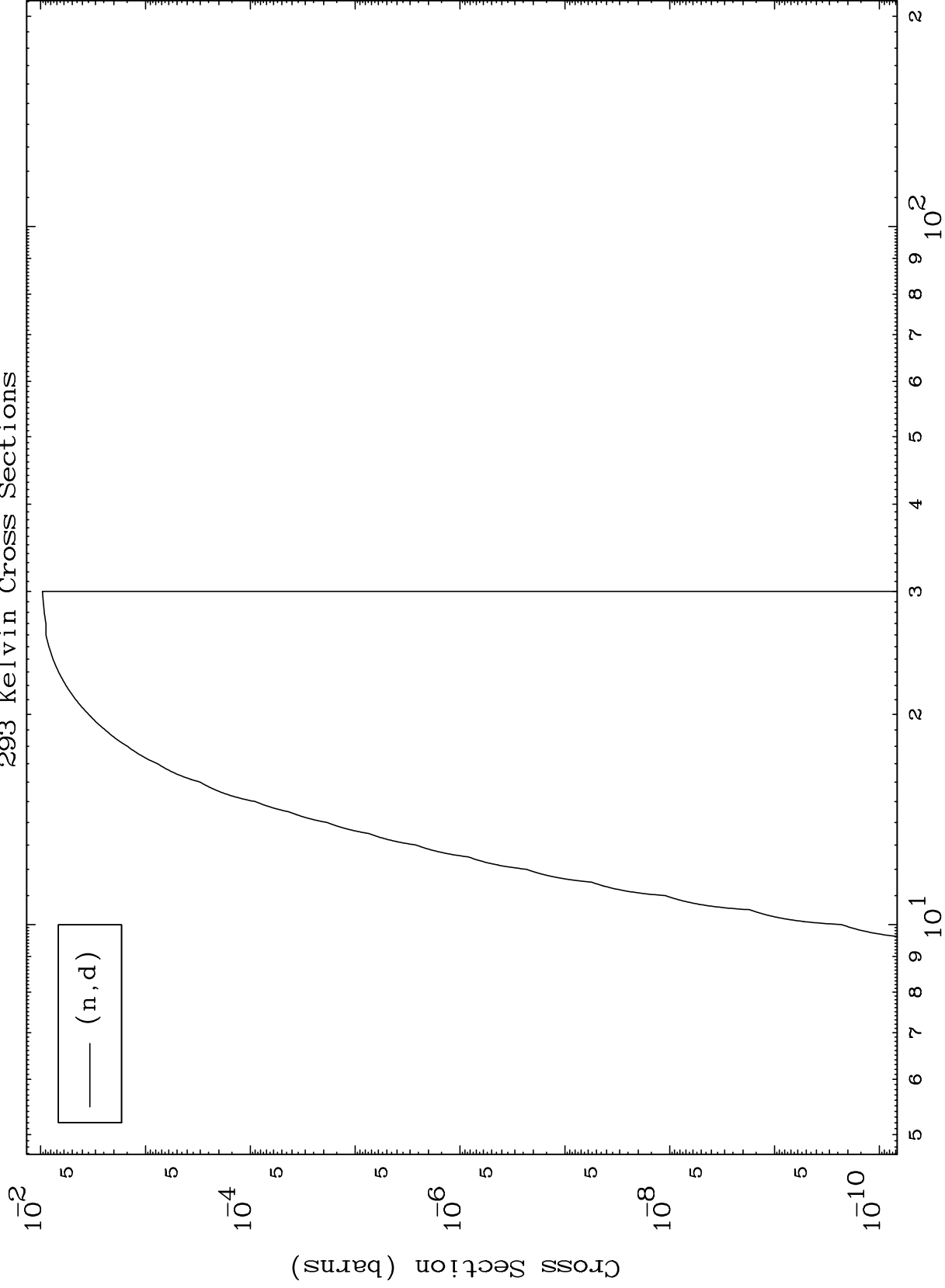
10

79-Au-200

MAT 7934

(n,d) Levels
293 Kelvin Cross Sections

79-Au-200



11

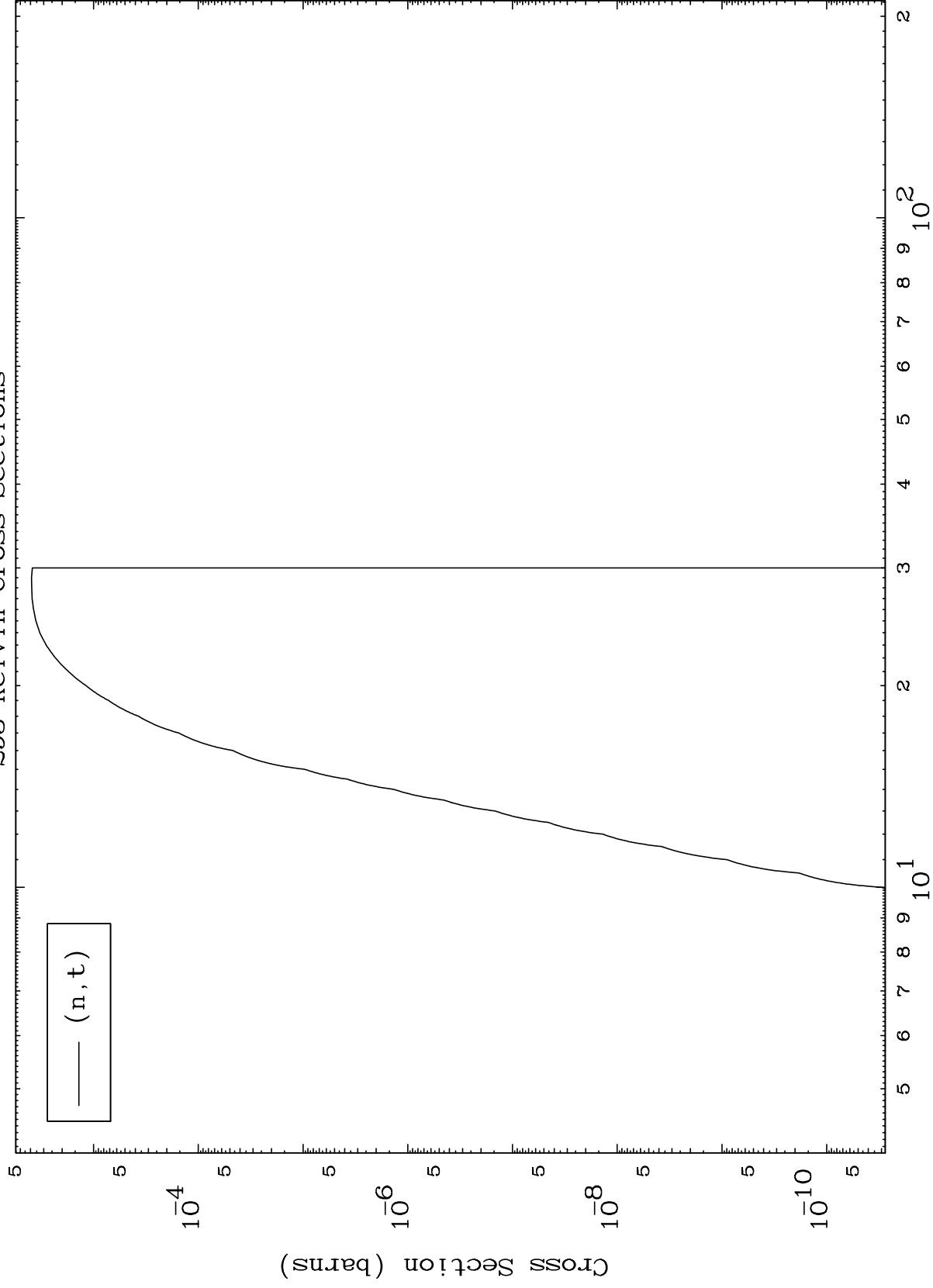
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,t) Levels
293 Kelvin Cross Sections

79-Au-200



12

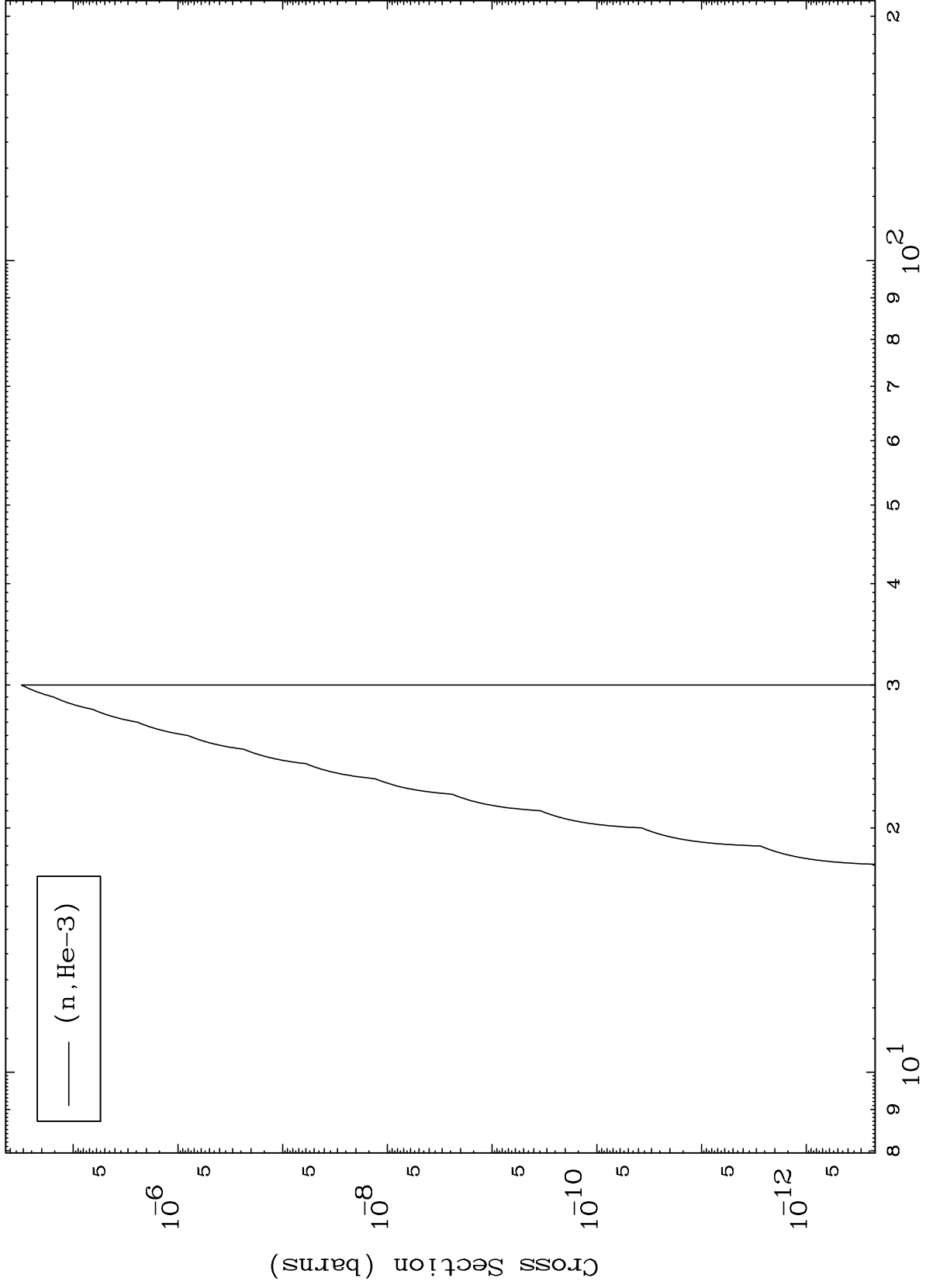
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-200



13

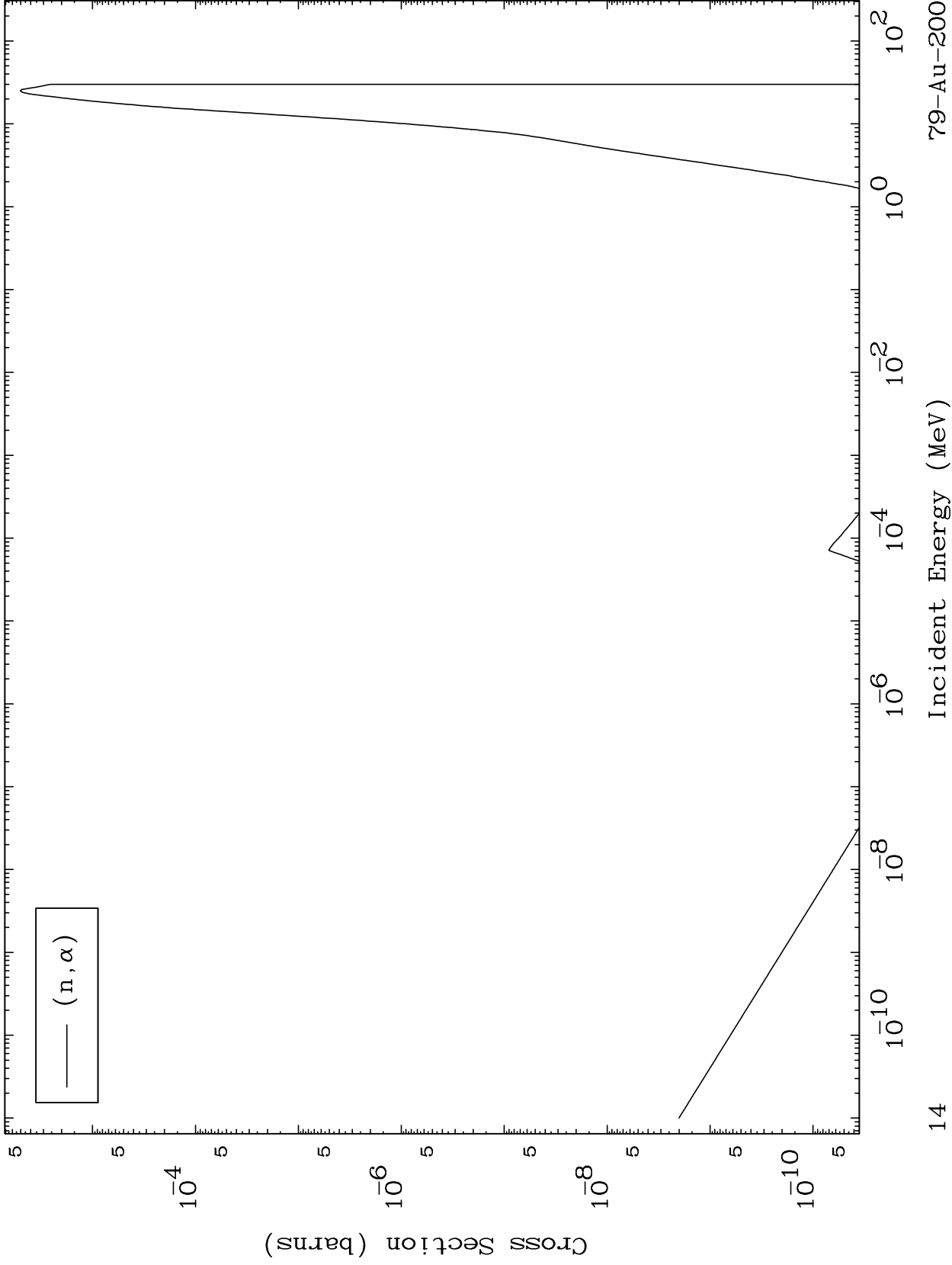
Incident Energy (MeV)

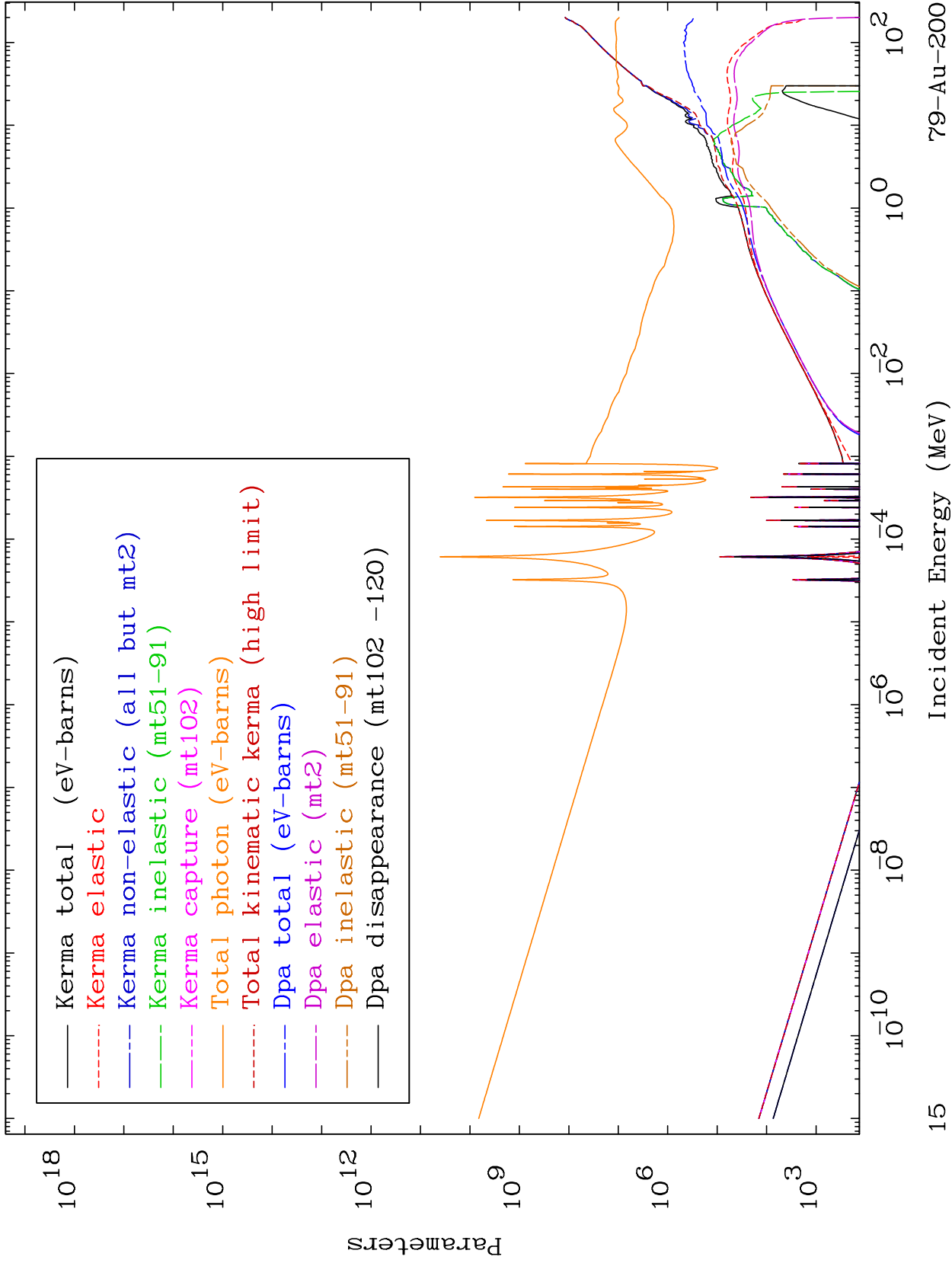
79-Au-200

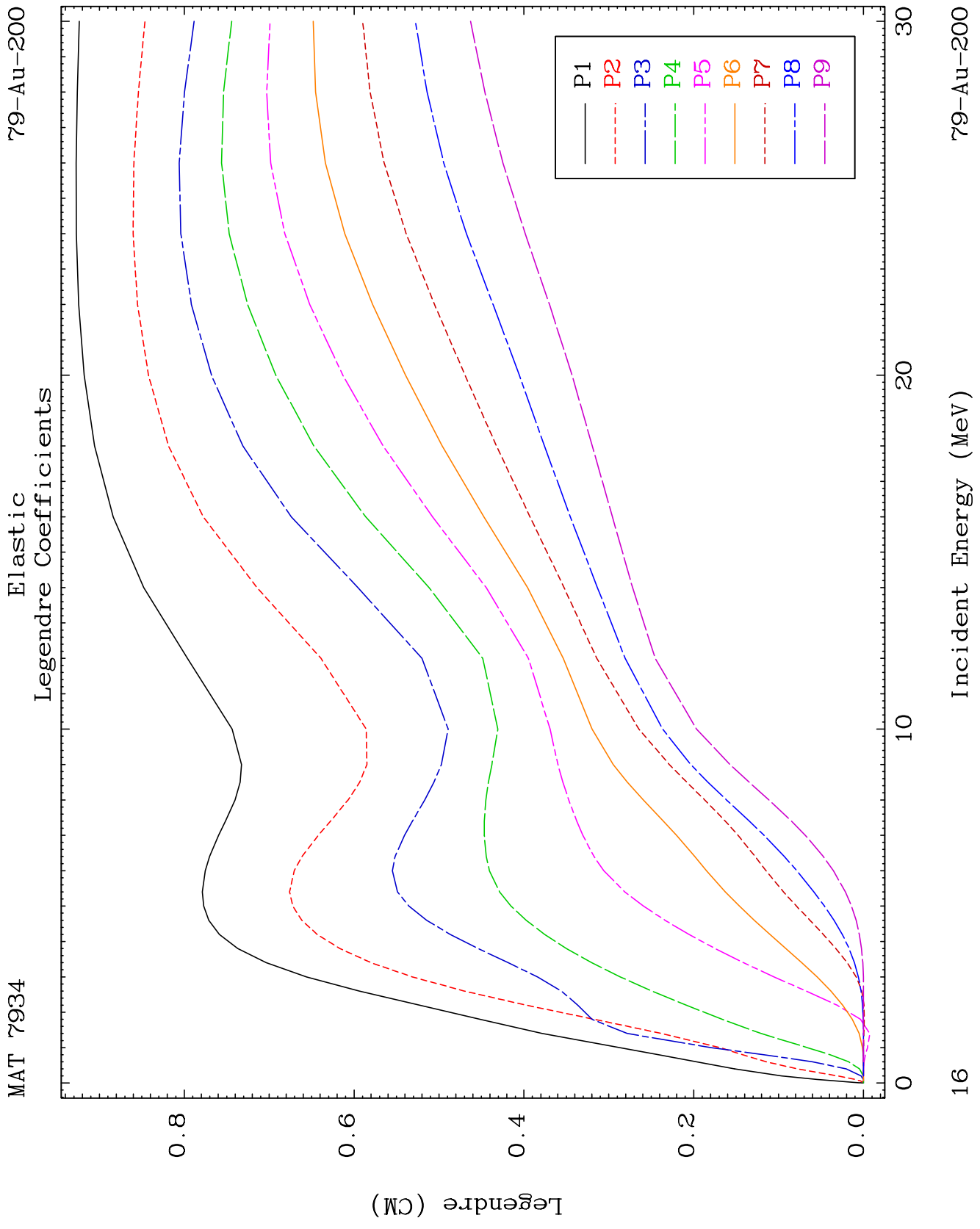
MAT 7934

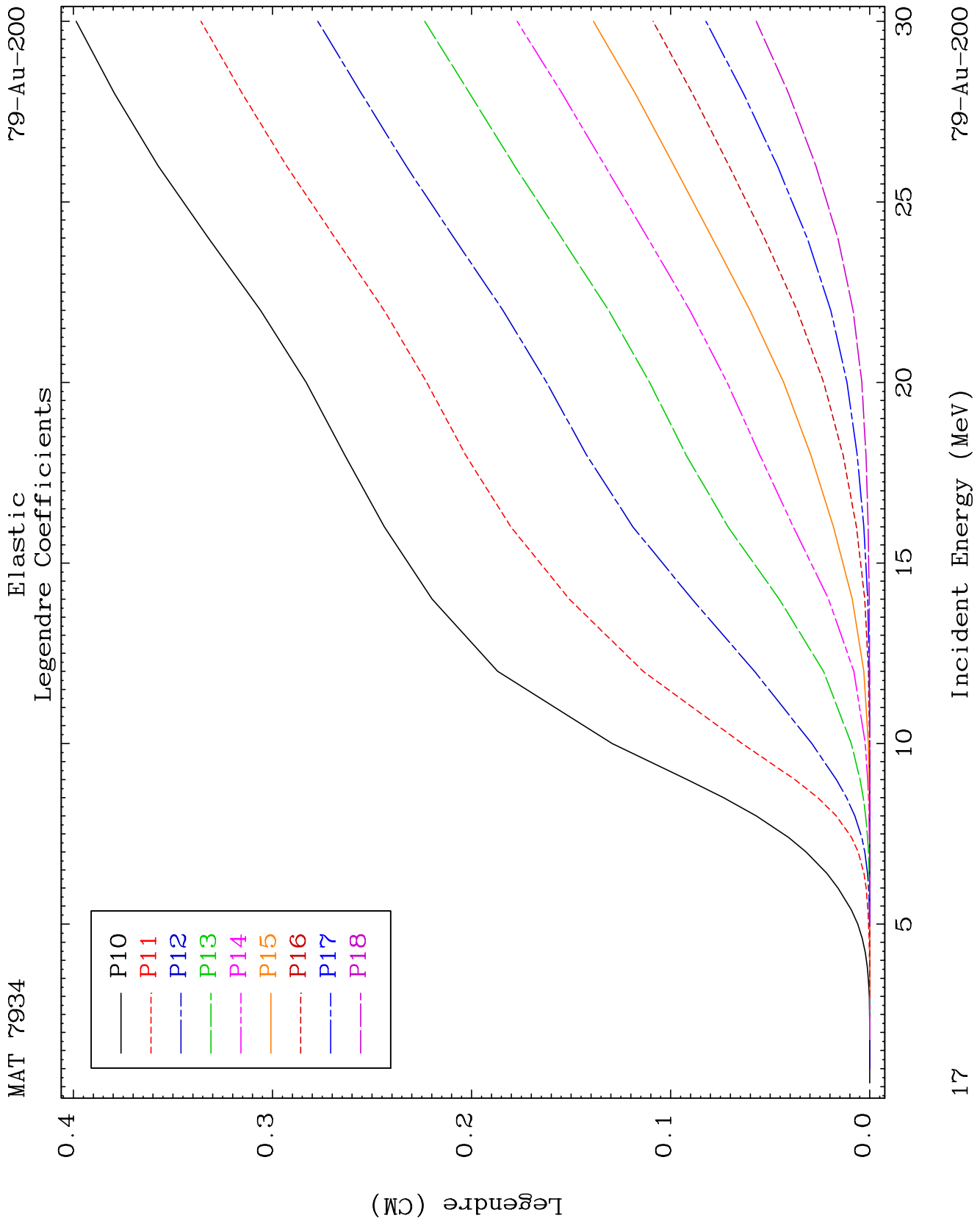
(n, α) Levels
293 Kelvin Cross Sections

79-Au-200









MAT 7934

Elastic Legendre Coefficients

79-Au-200

17

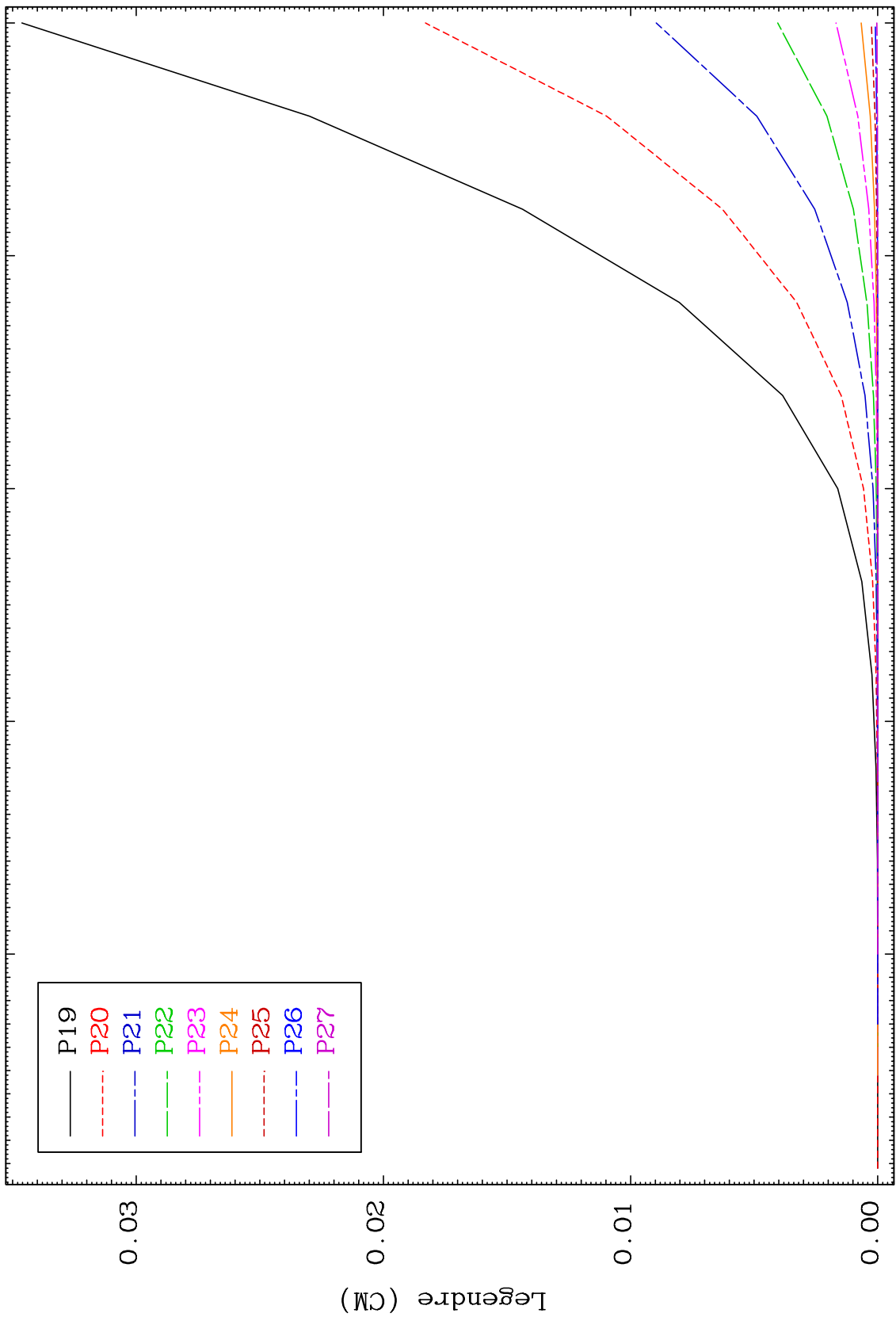
Incident Energy (MeV)

79-Au-200

MAT 7934

Elastic Legendre Coefficients

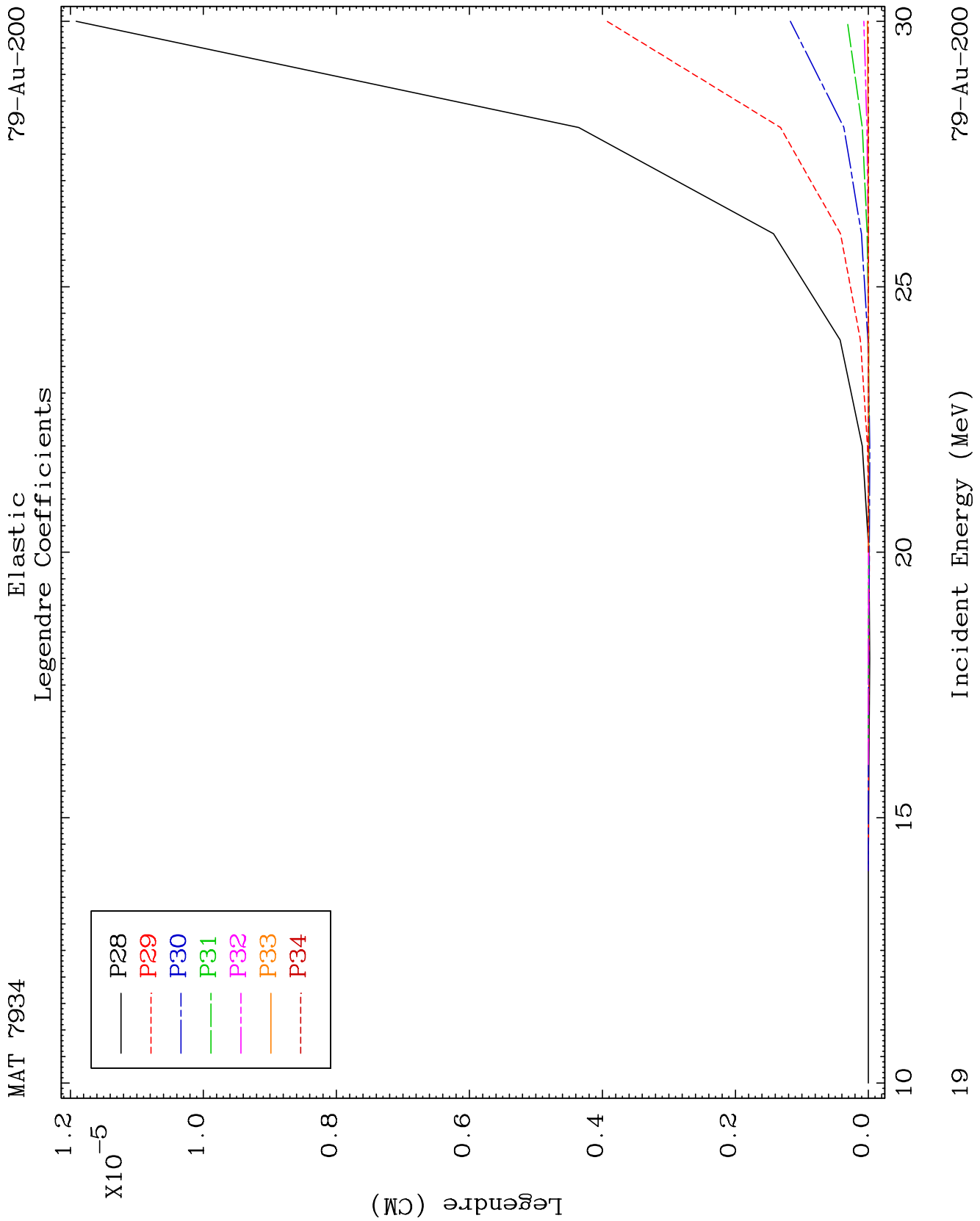
79-Au-200

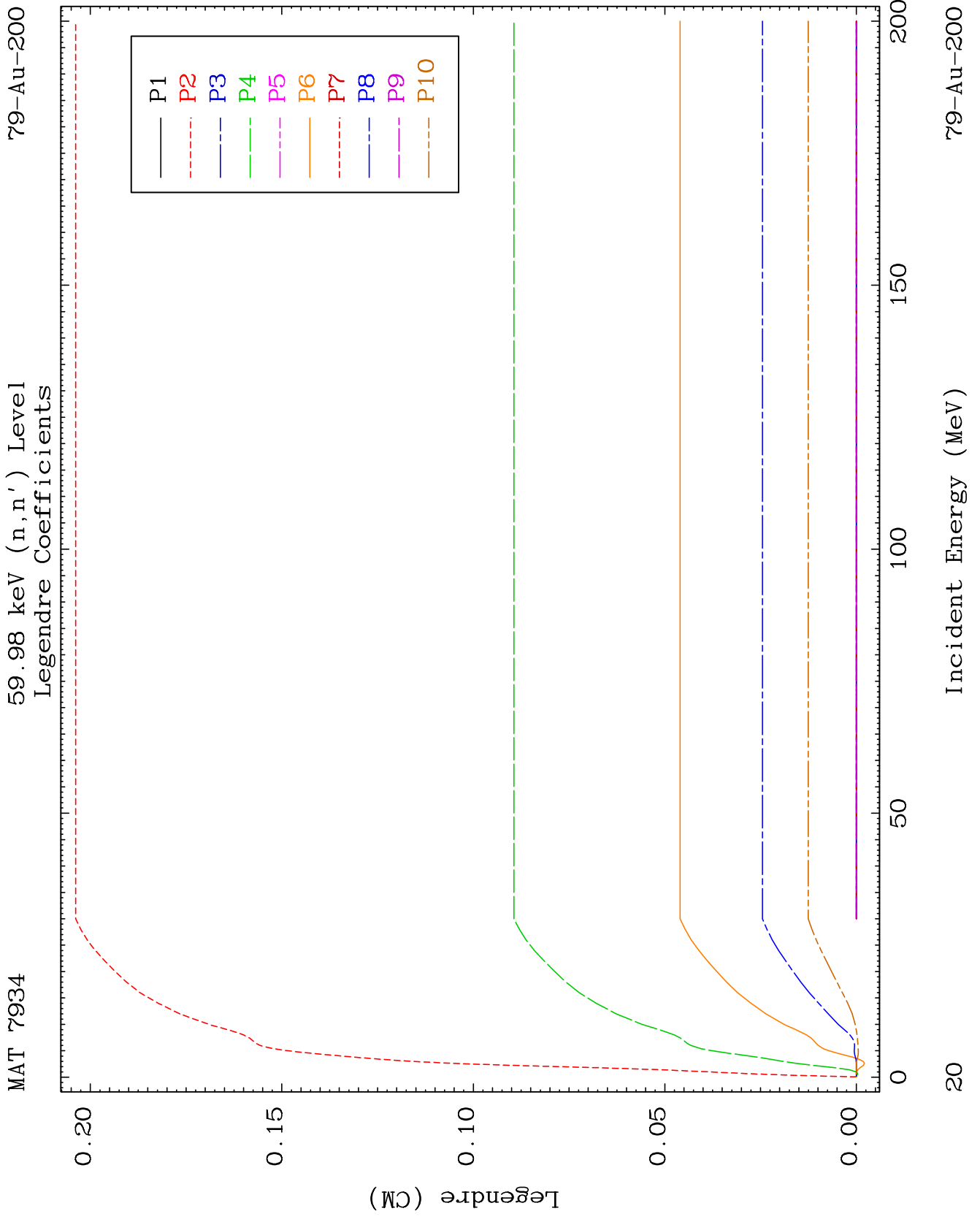


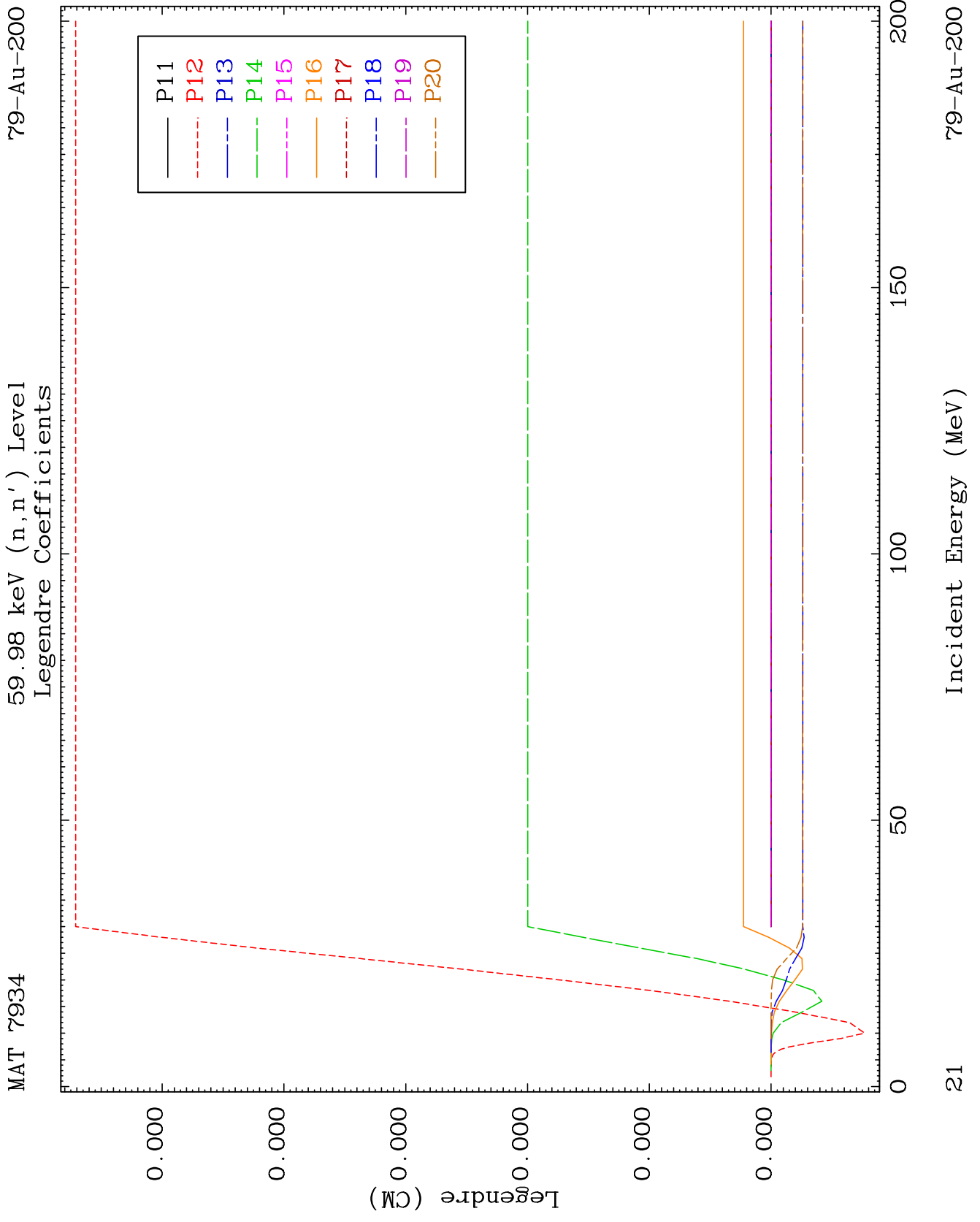
18

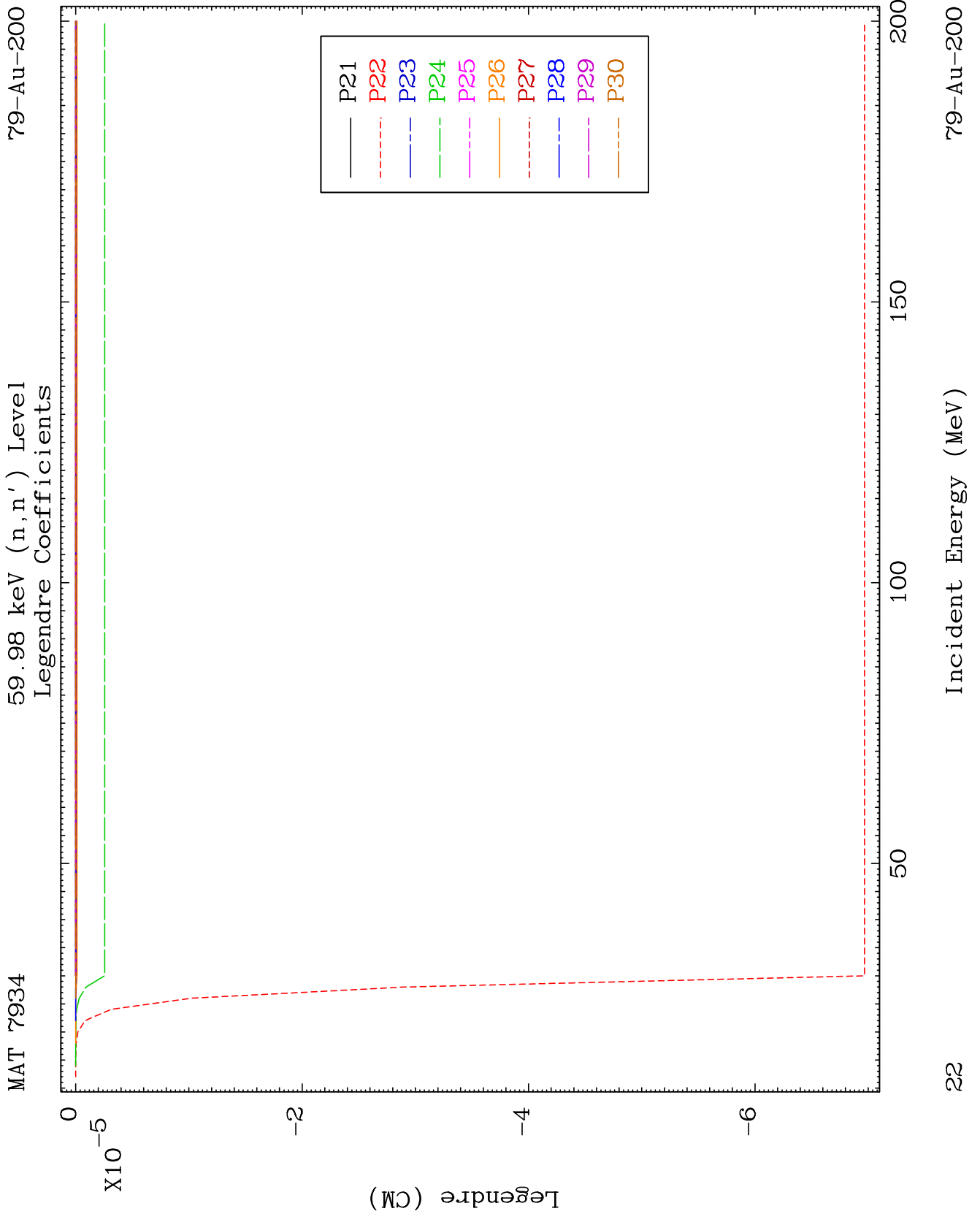
Incident Energy (MeV)

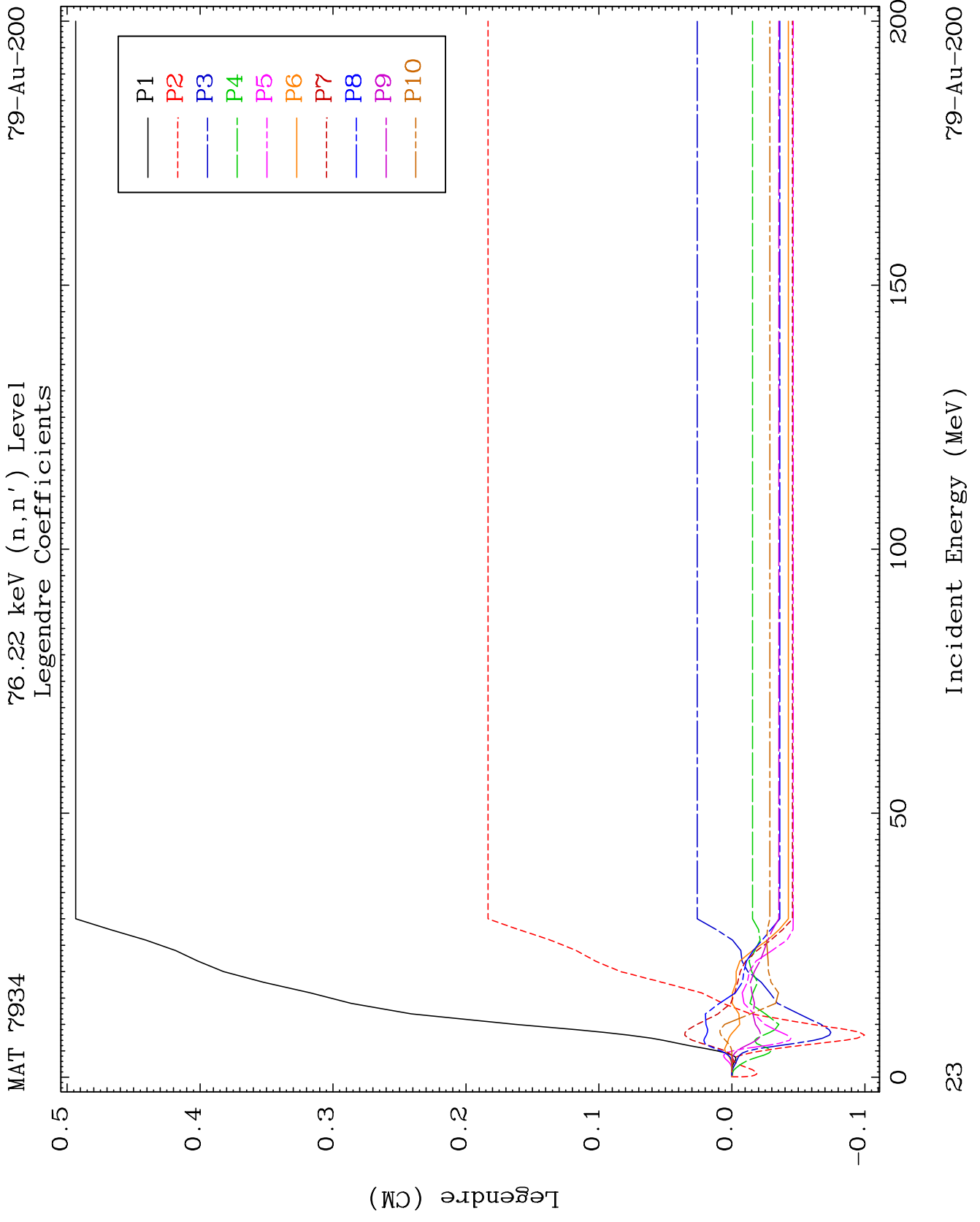
79-Au-200







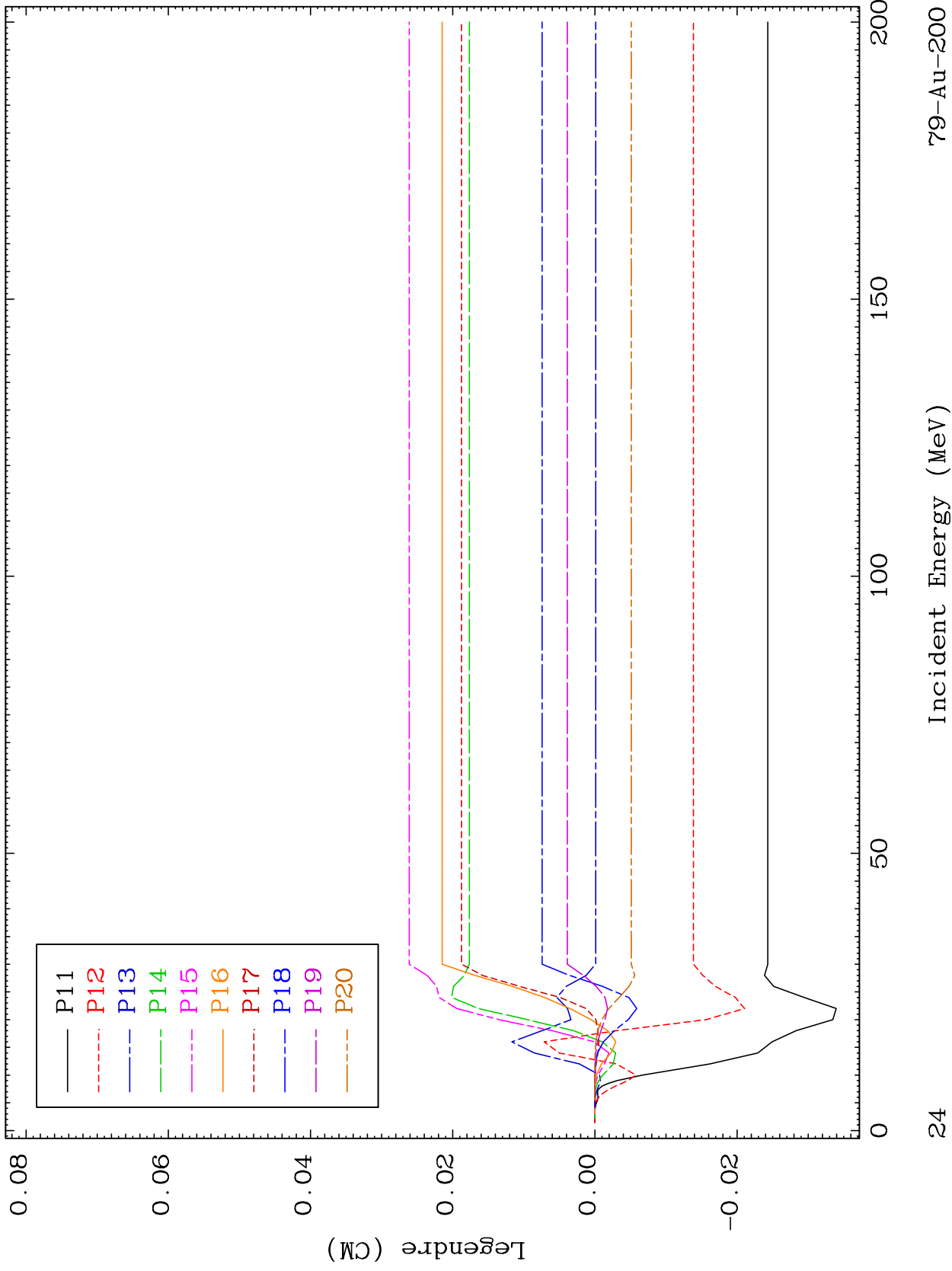




MAT 7934

76.22 keV (n,n') Level
Legendre Coefficients

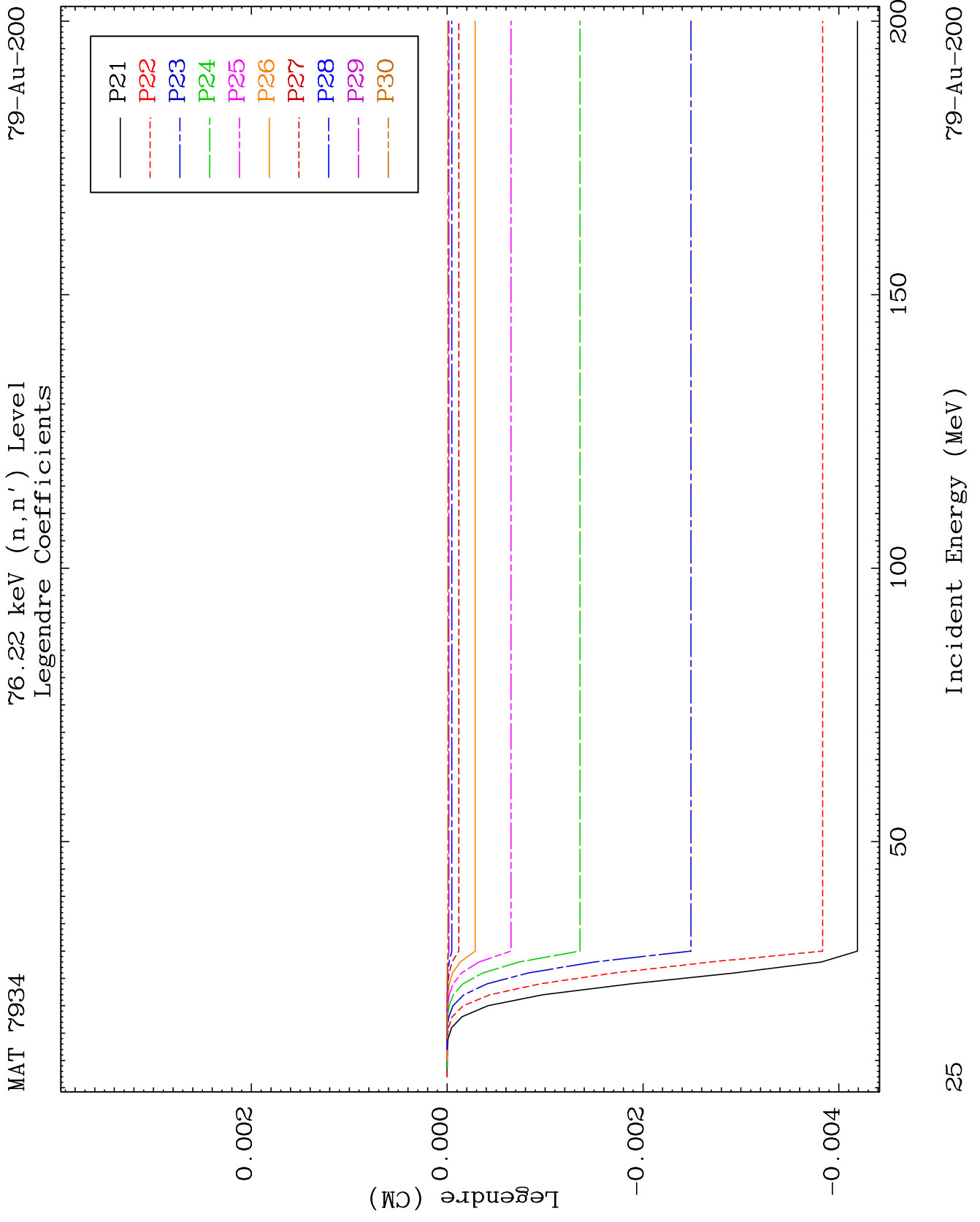
79-Au-200

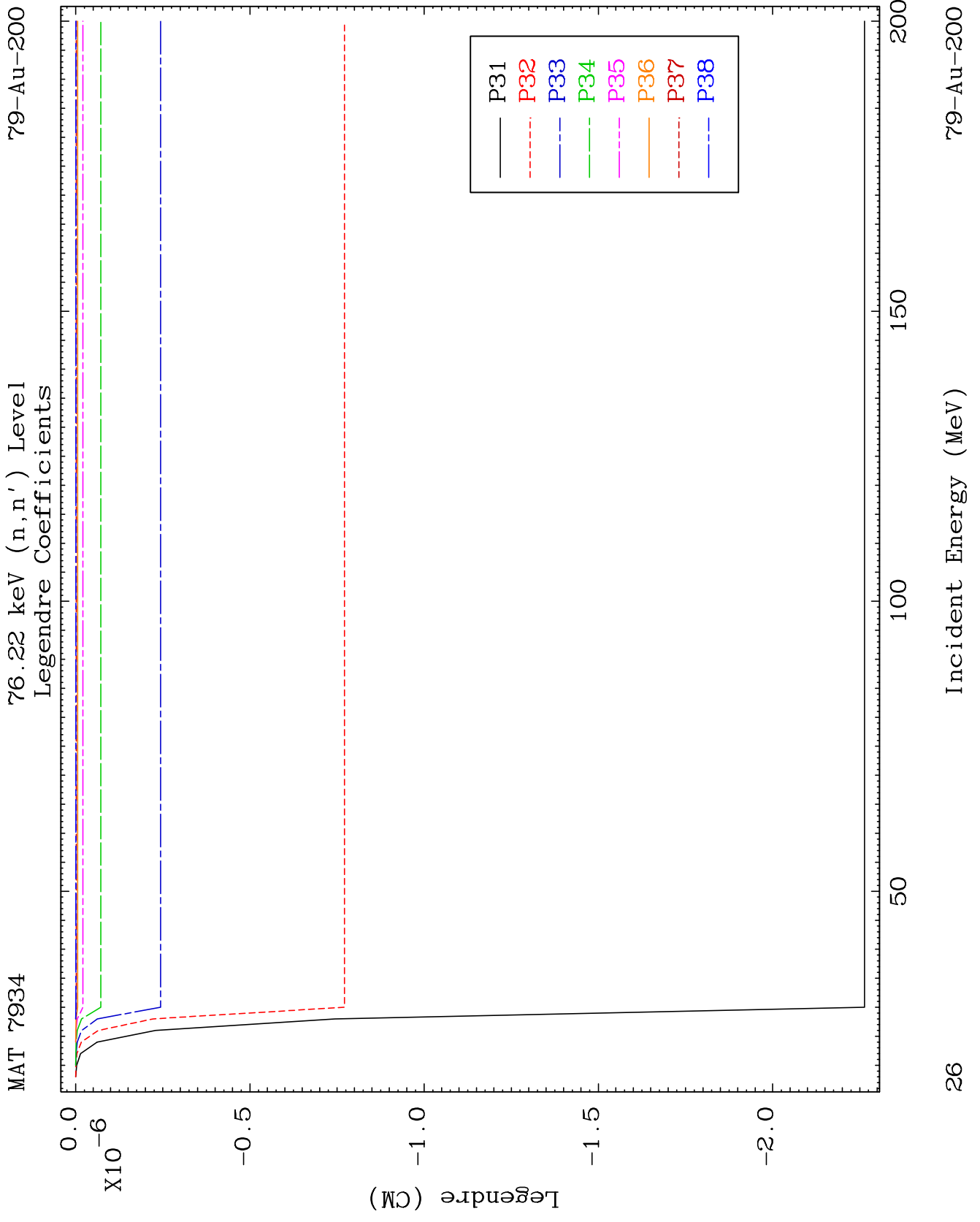


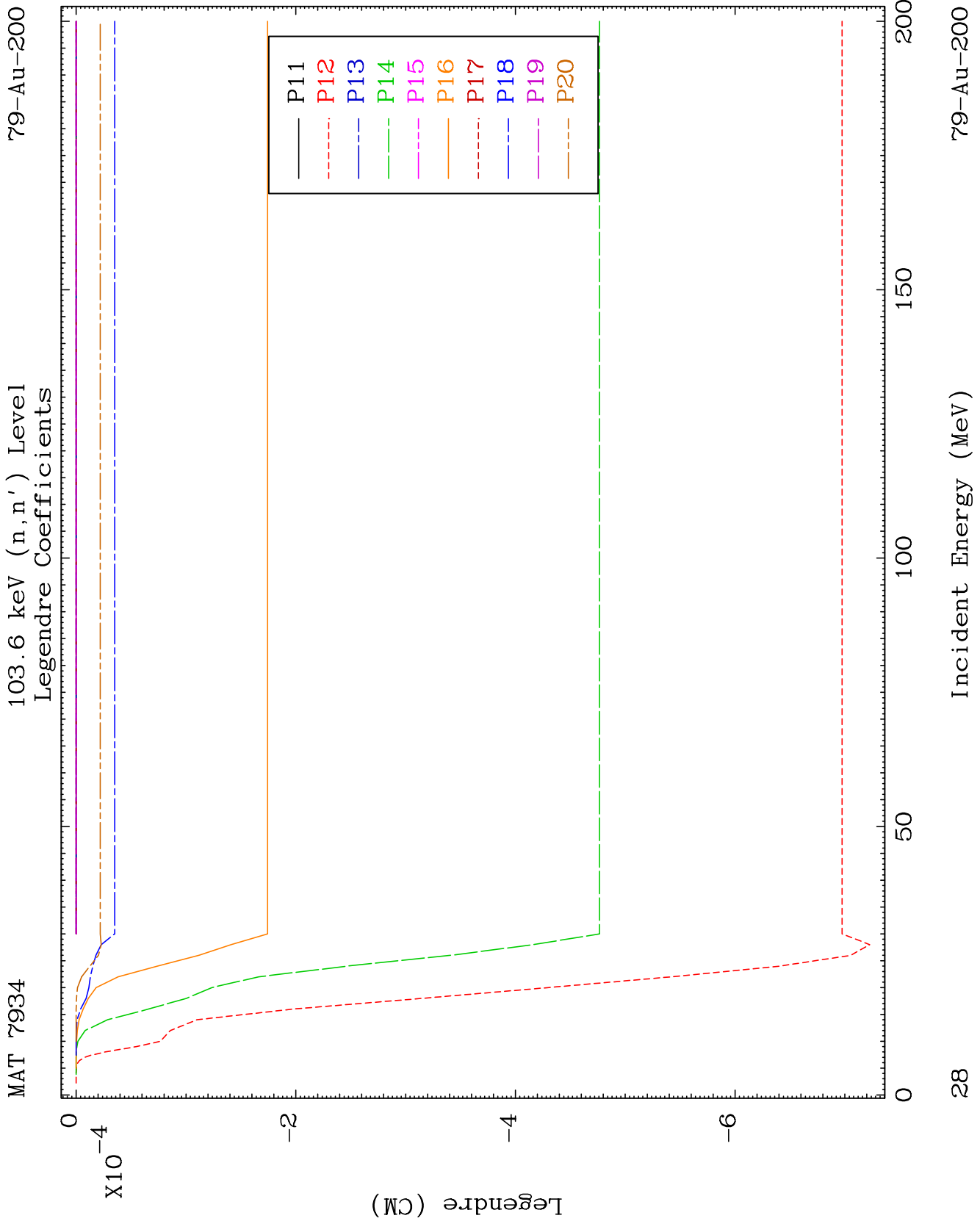
24

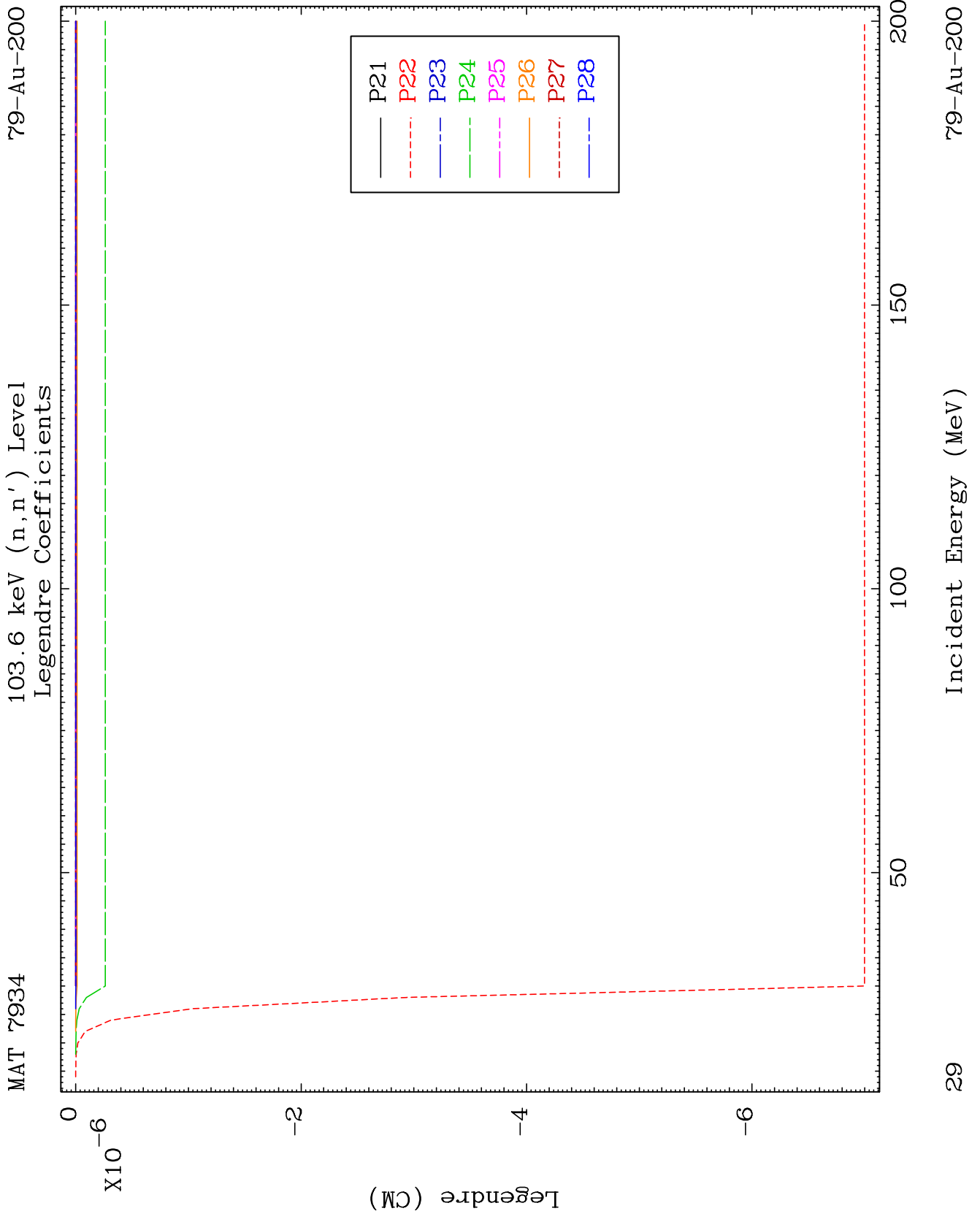
Incident Energy (MeV)

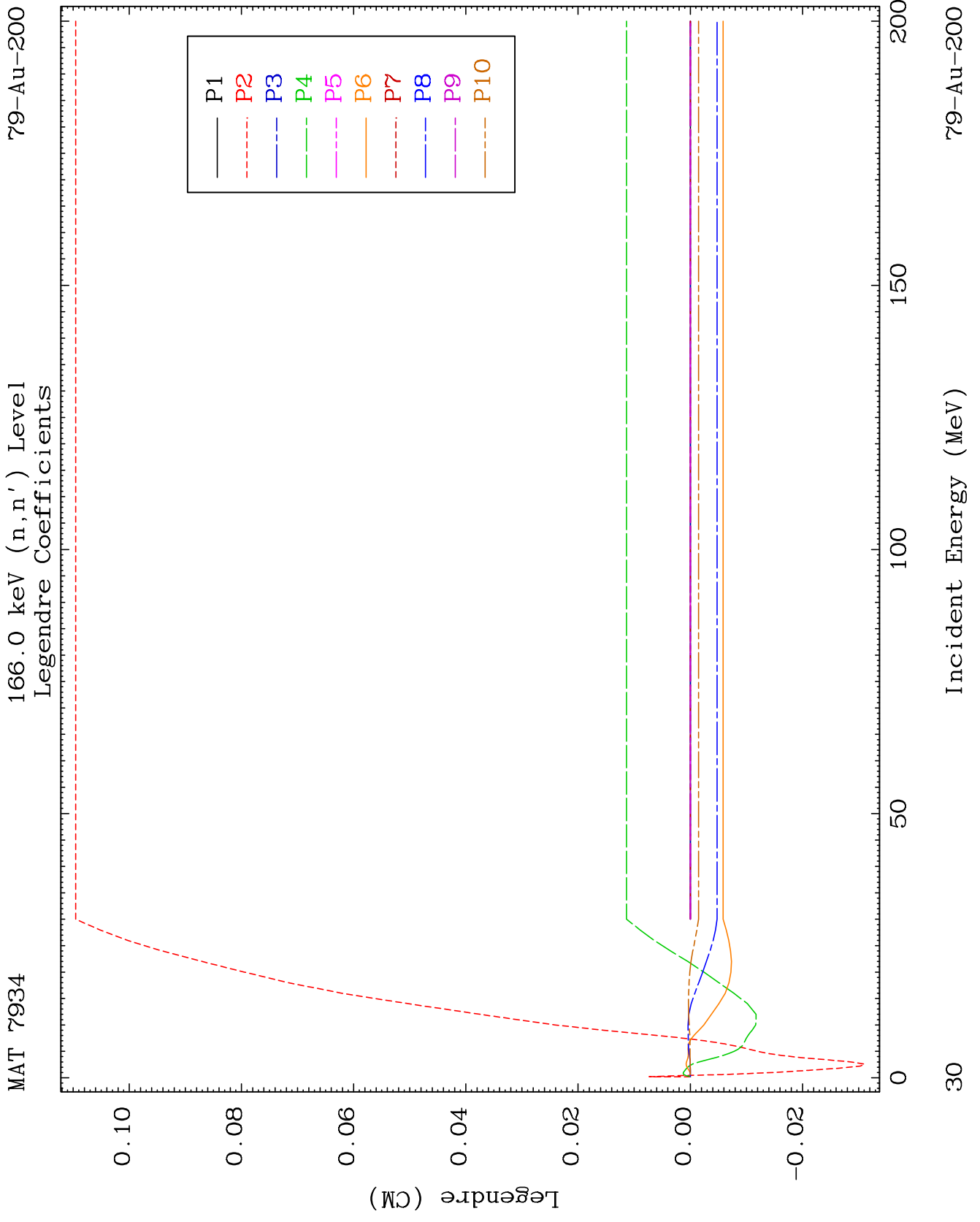
79-Au-200

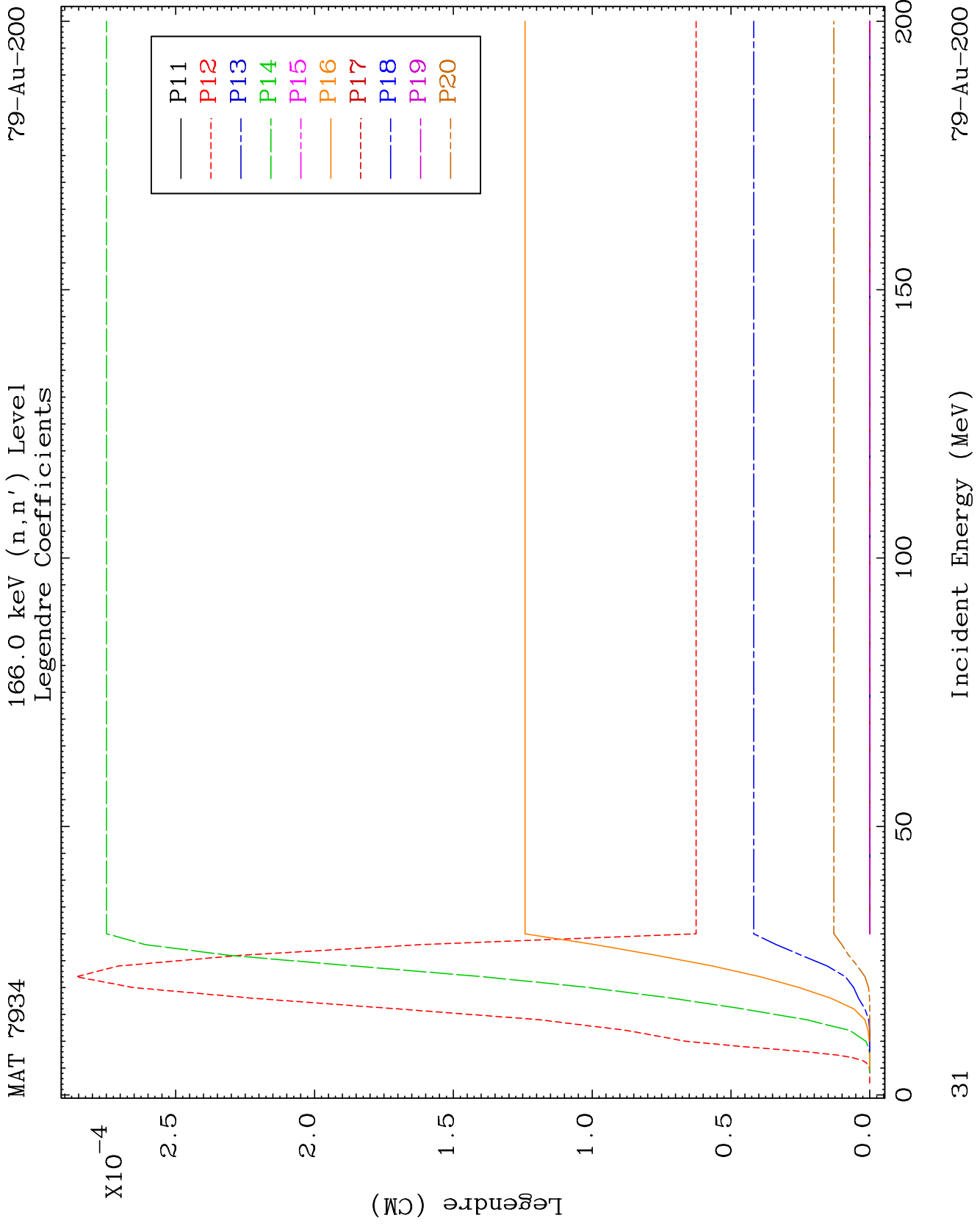


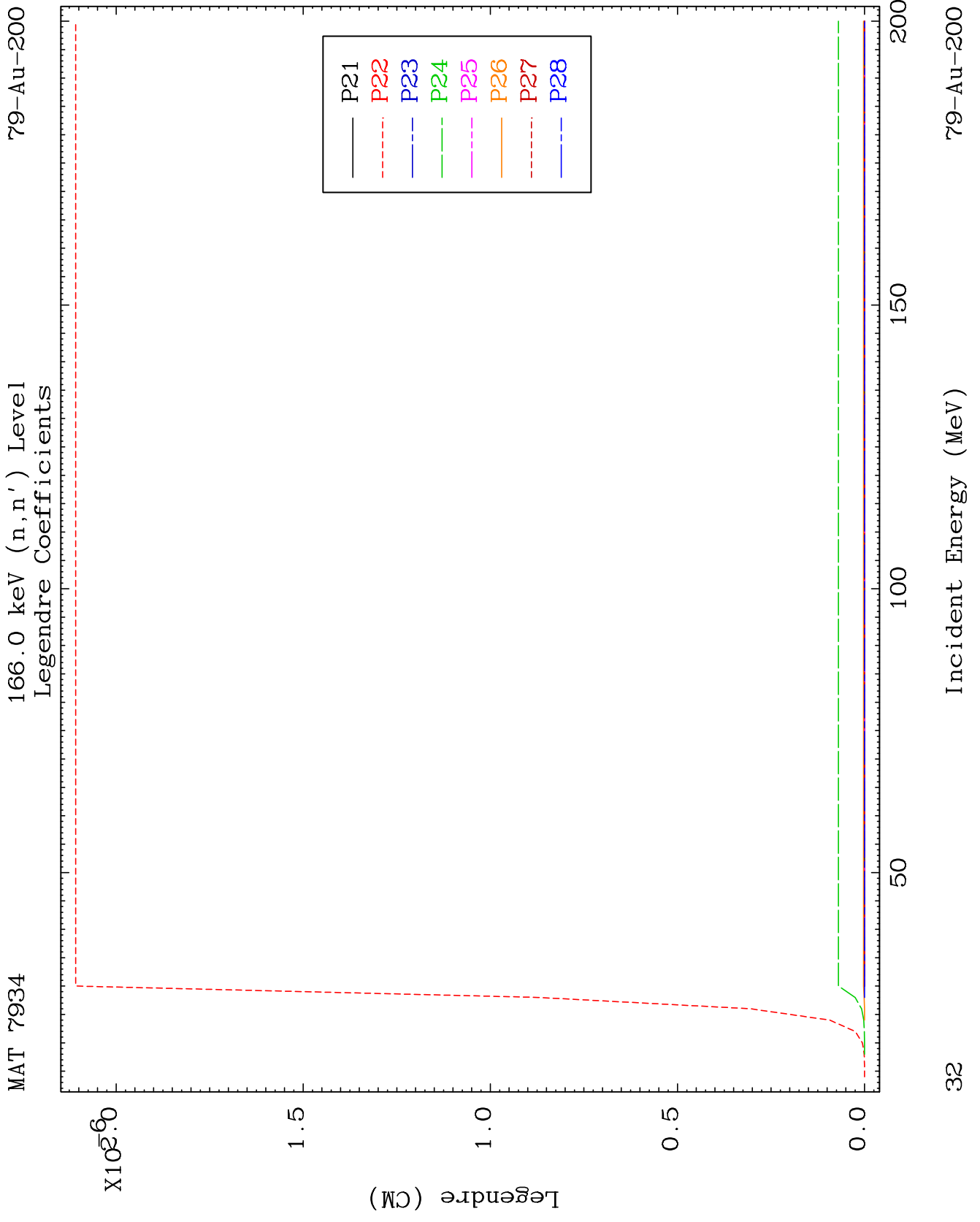








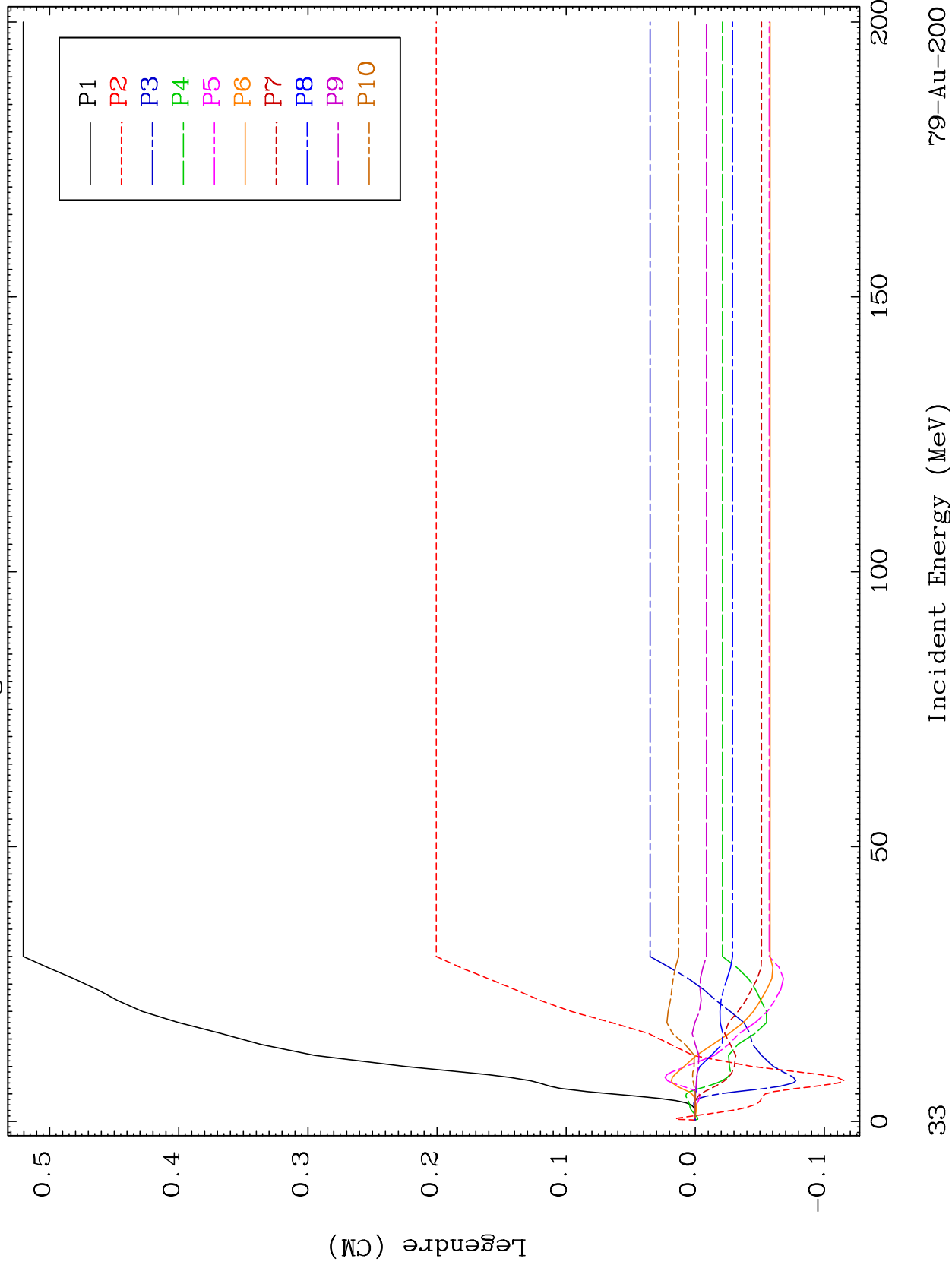




MAT 7934

239.5 keV (n,n') Level
Legendre Coefficients

79-Au-200



79-Au-200

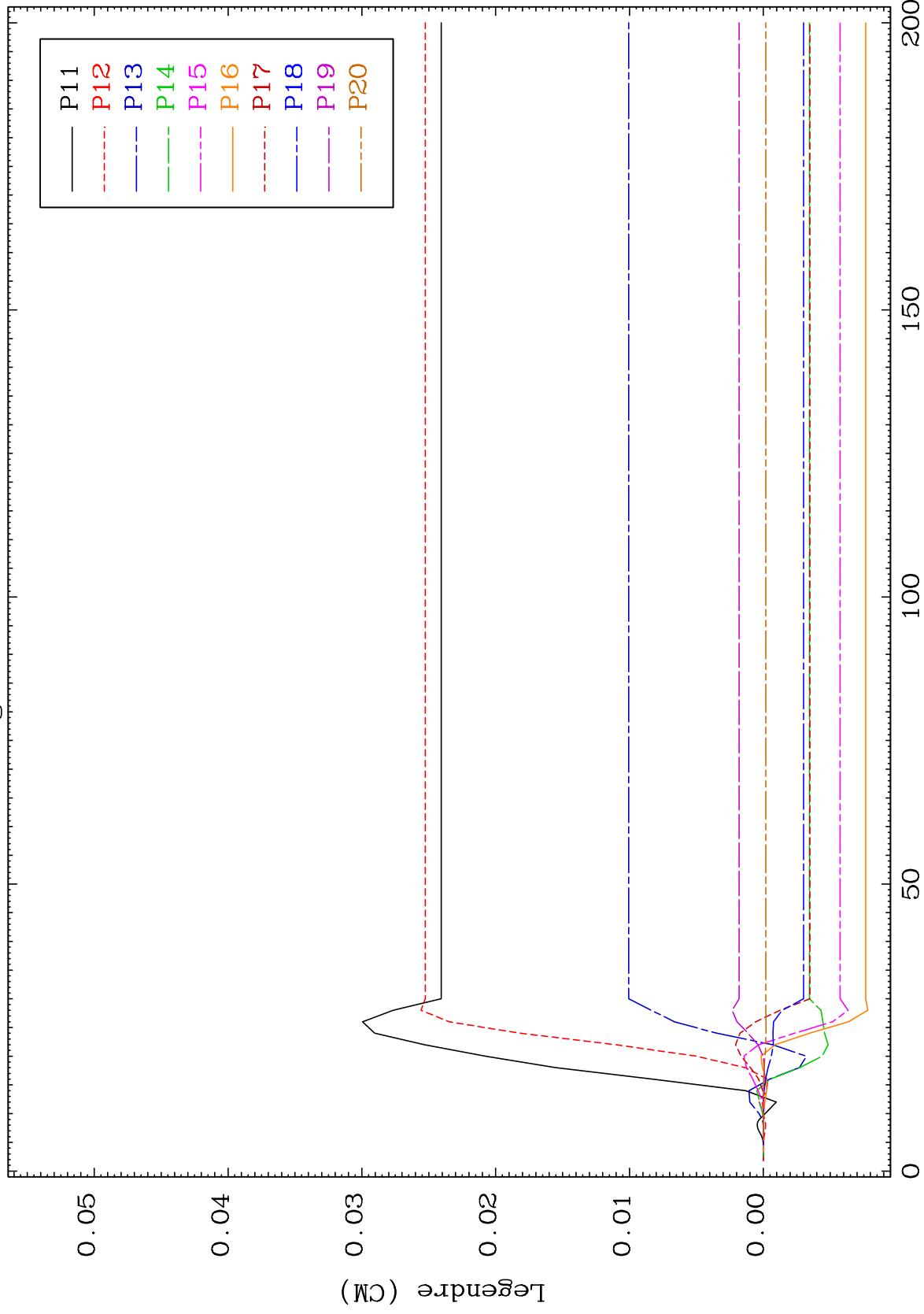
Incident Energy (MeV)

33

MAT 7934

239.5 keV (n,n') Level
Legendre Coefficients

79-Au-200



34

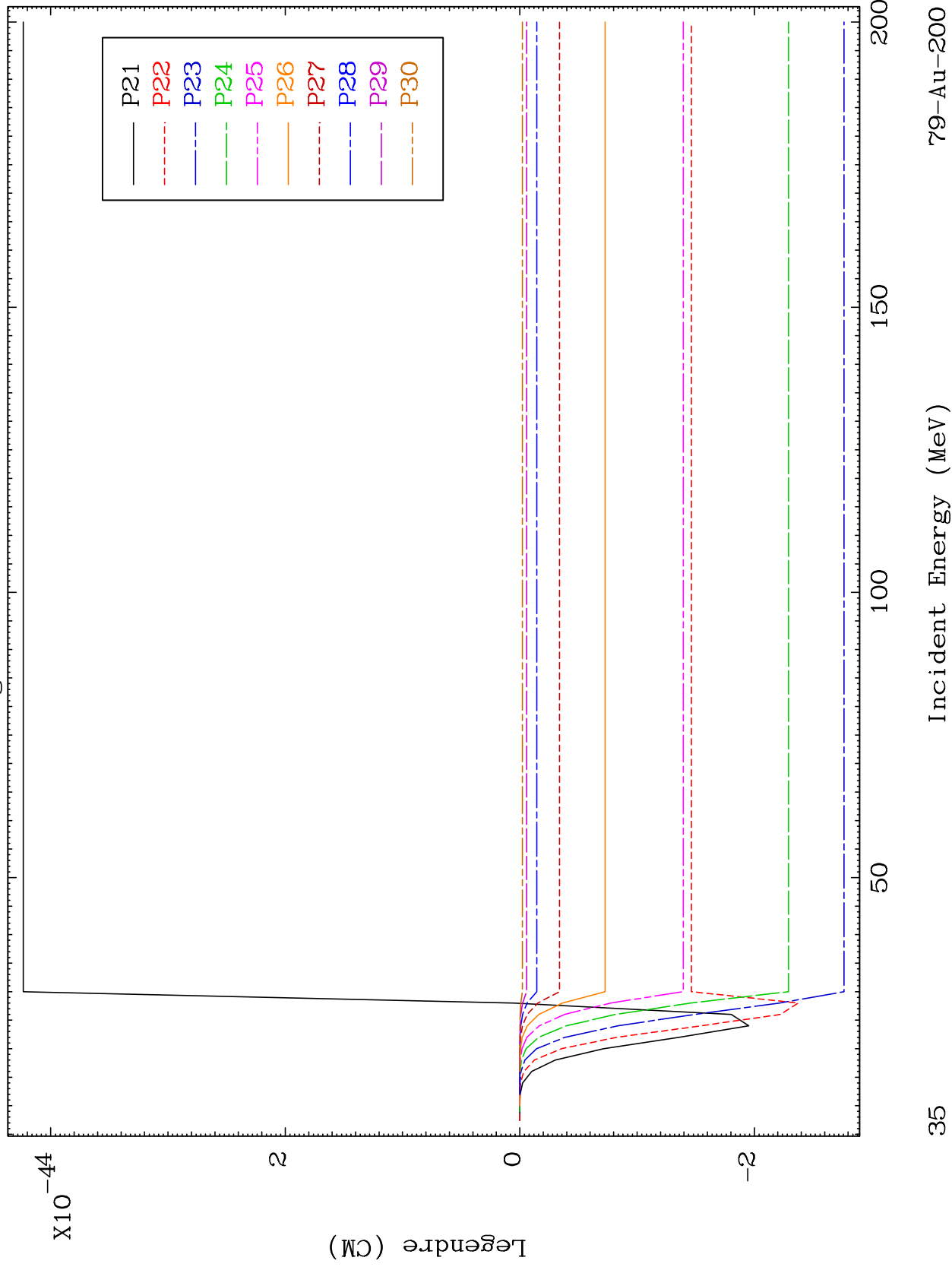
Incident Energy (MeV)

79-Au-200

MAT 7934

239.5 keV (n,n') Level
Legendre Coefficients

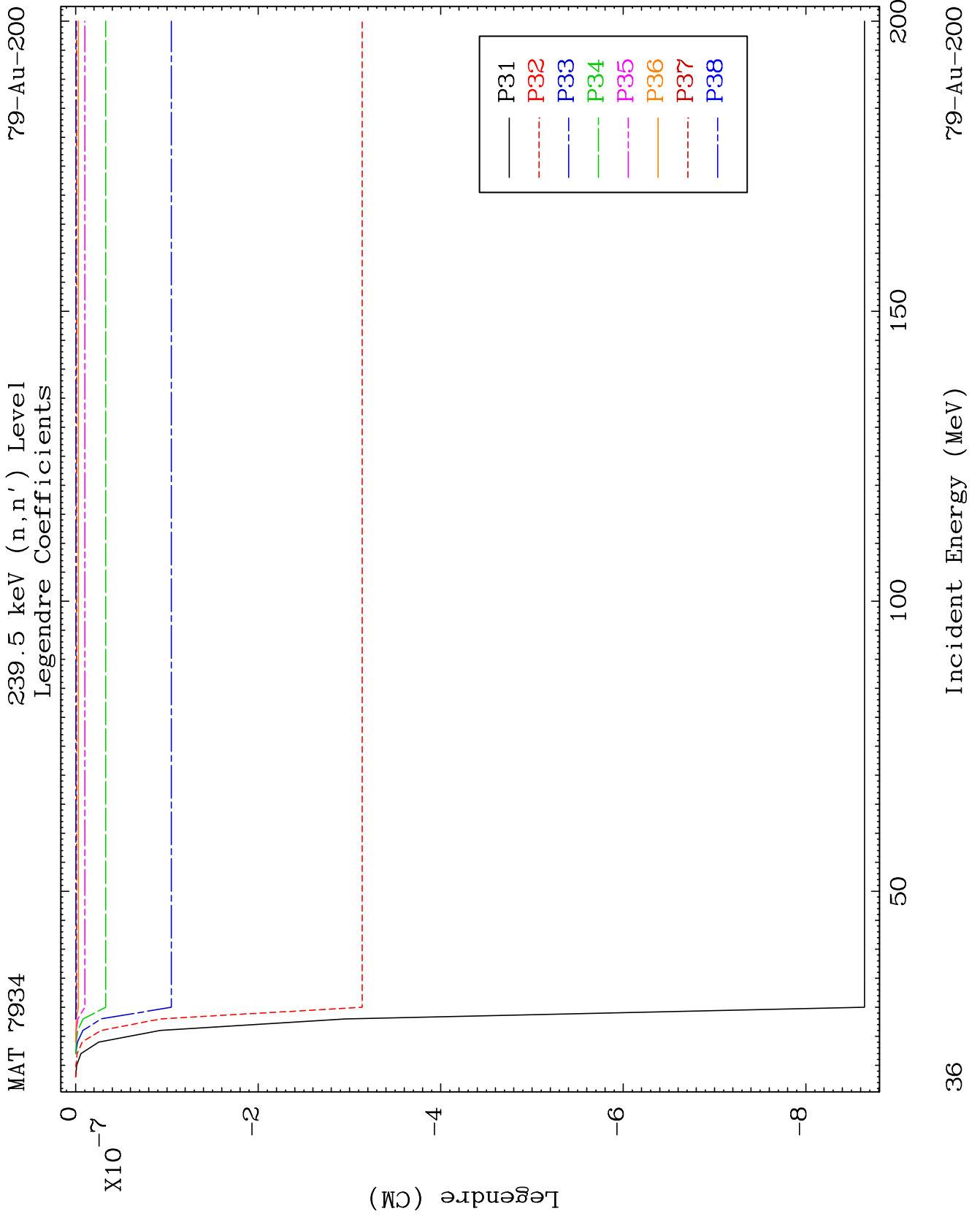
79-Au-200



35

Incident Energy (MeV)

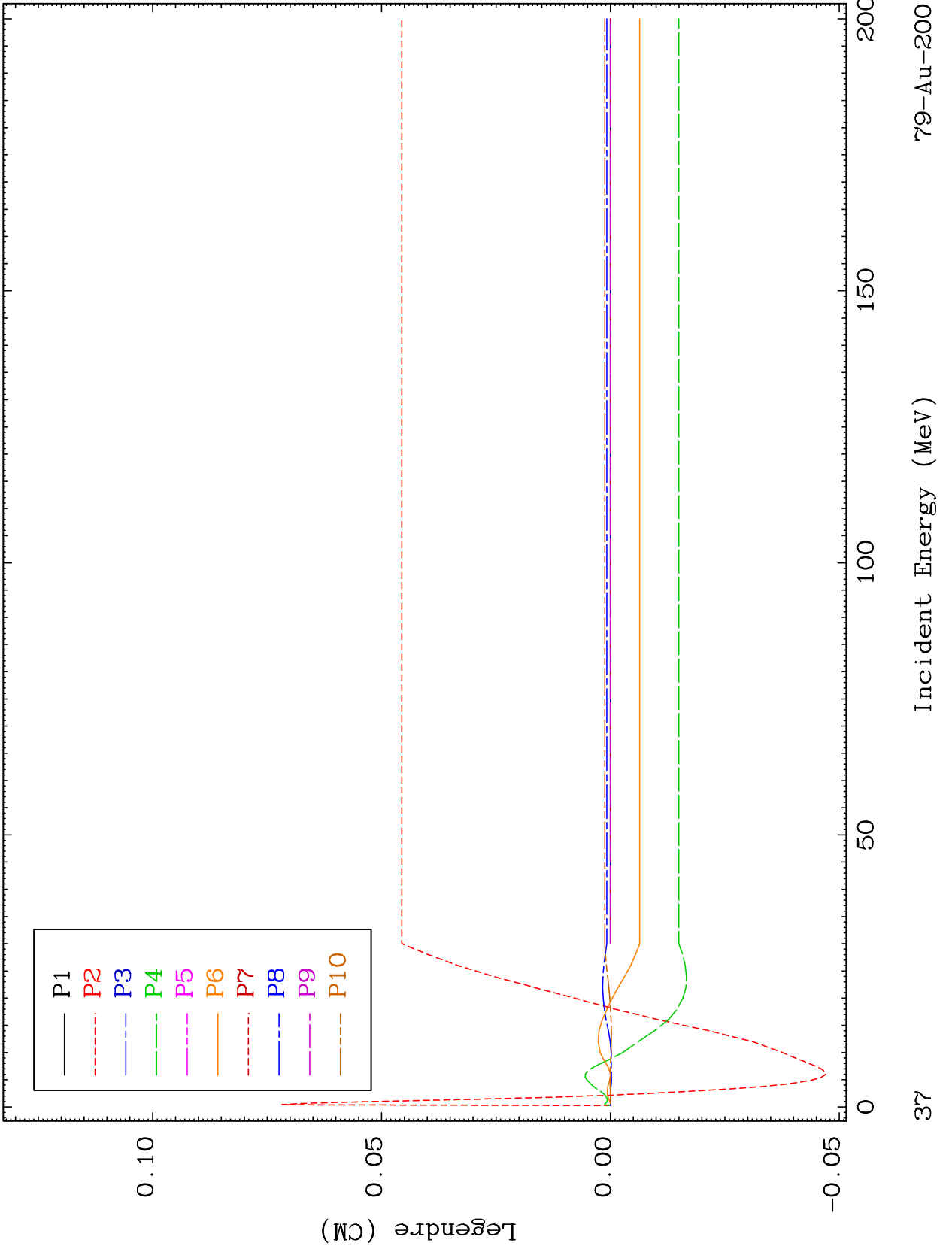
79-Au-200



MAT 7934

243.7 keV (n, n') Level
Legendre Coefficients

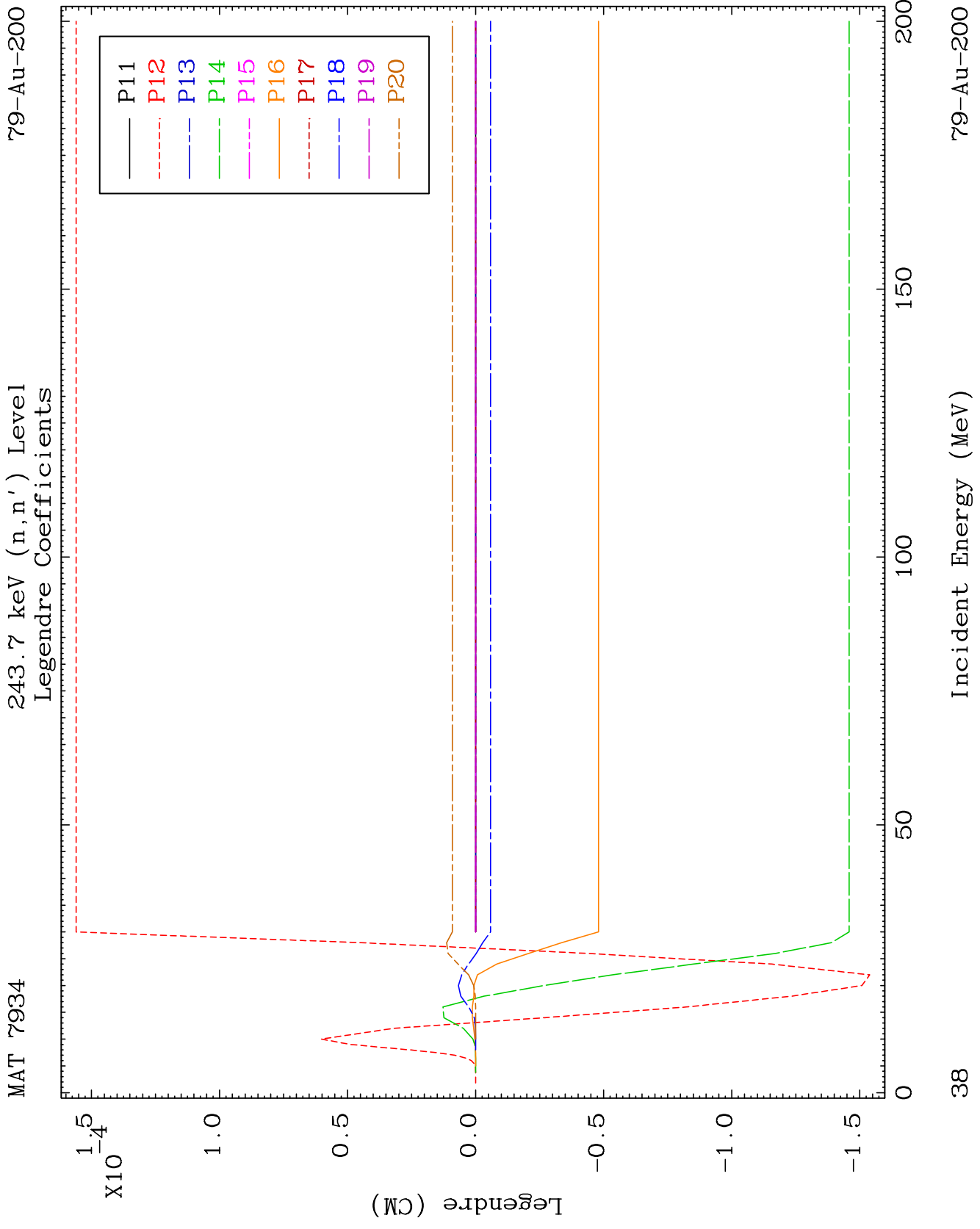
79-Au-200



37

Incident Energy (MeV)

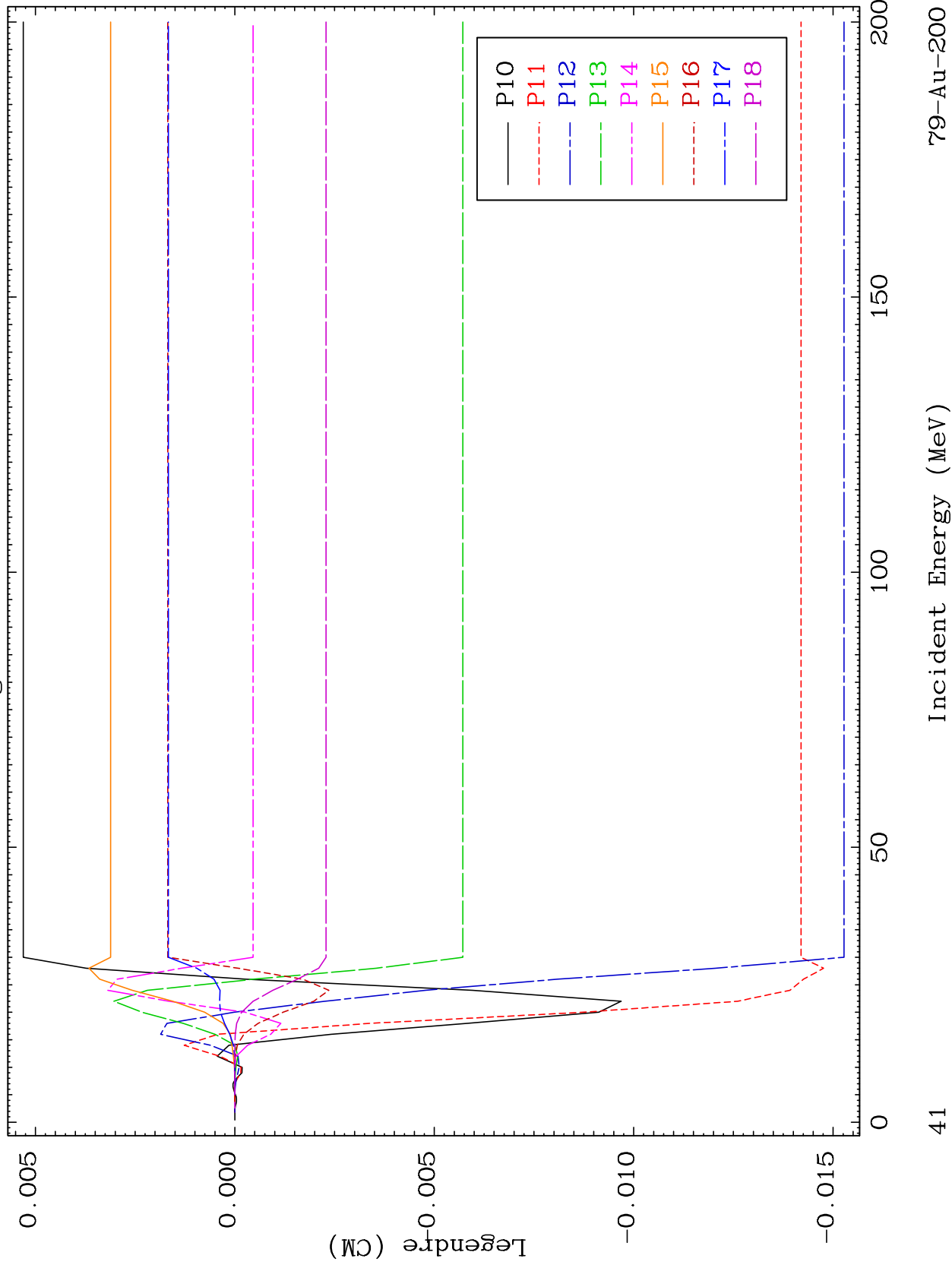
79-Au-200



MAT 7934

292.7 keV (n,n') Level
Legendre Coefficients

79-Au-200



41

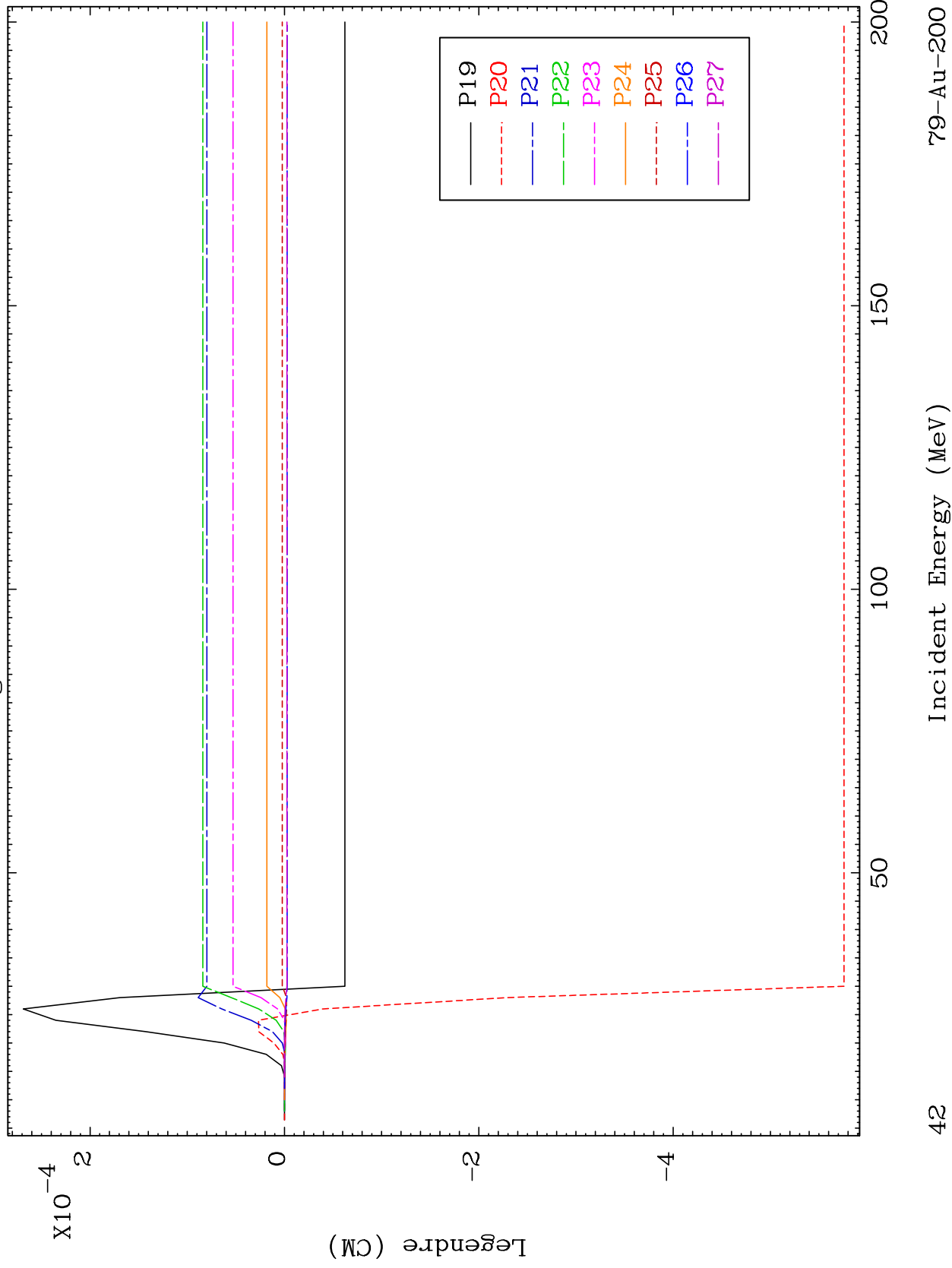
Incident Energy (MeV)

79-Au-200

MAT 7934

292.7 keV (n,n') Level
Legendre Coefficients

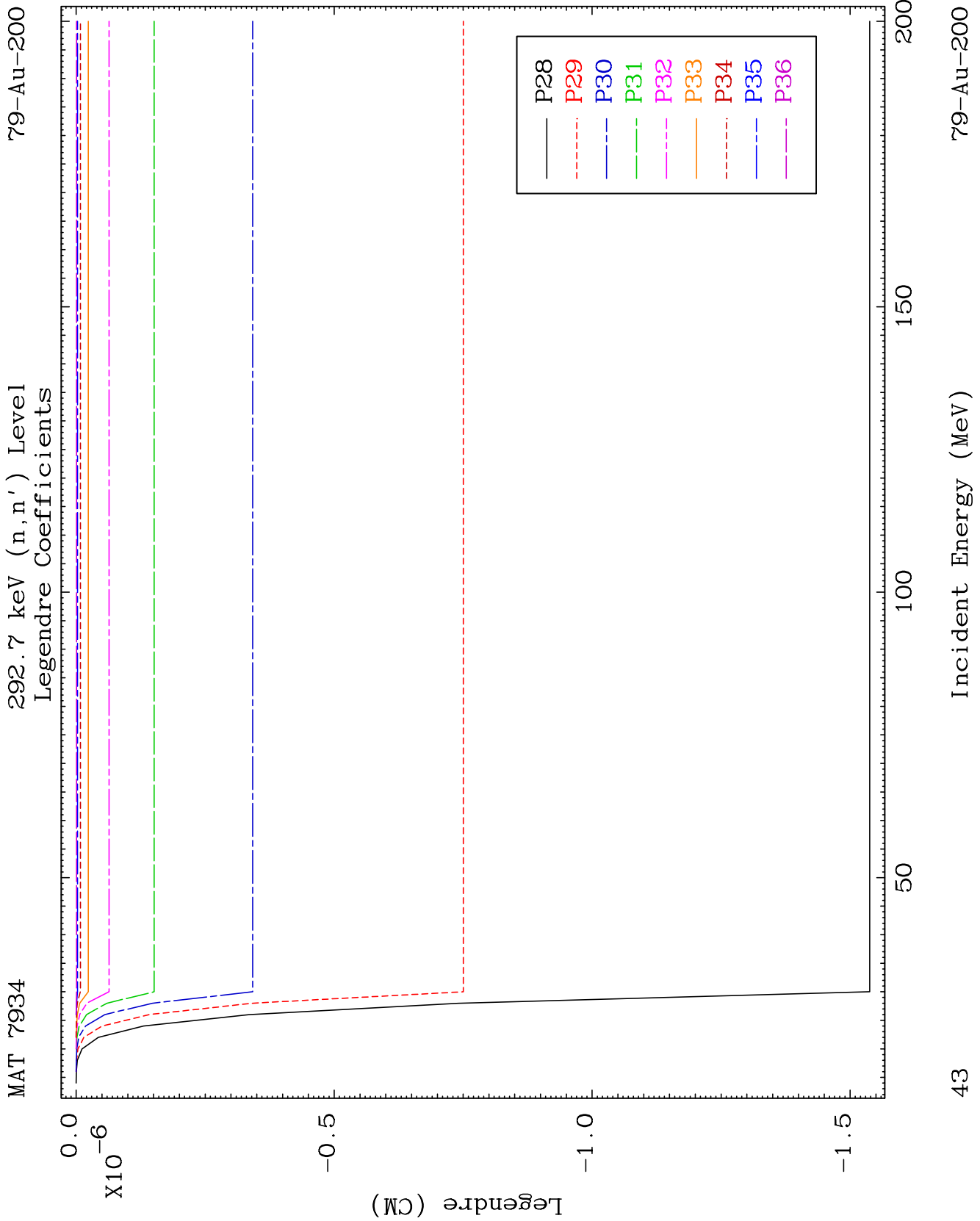
79-Au-200

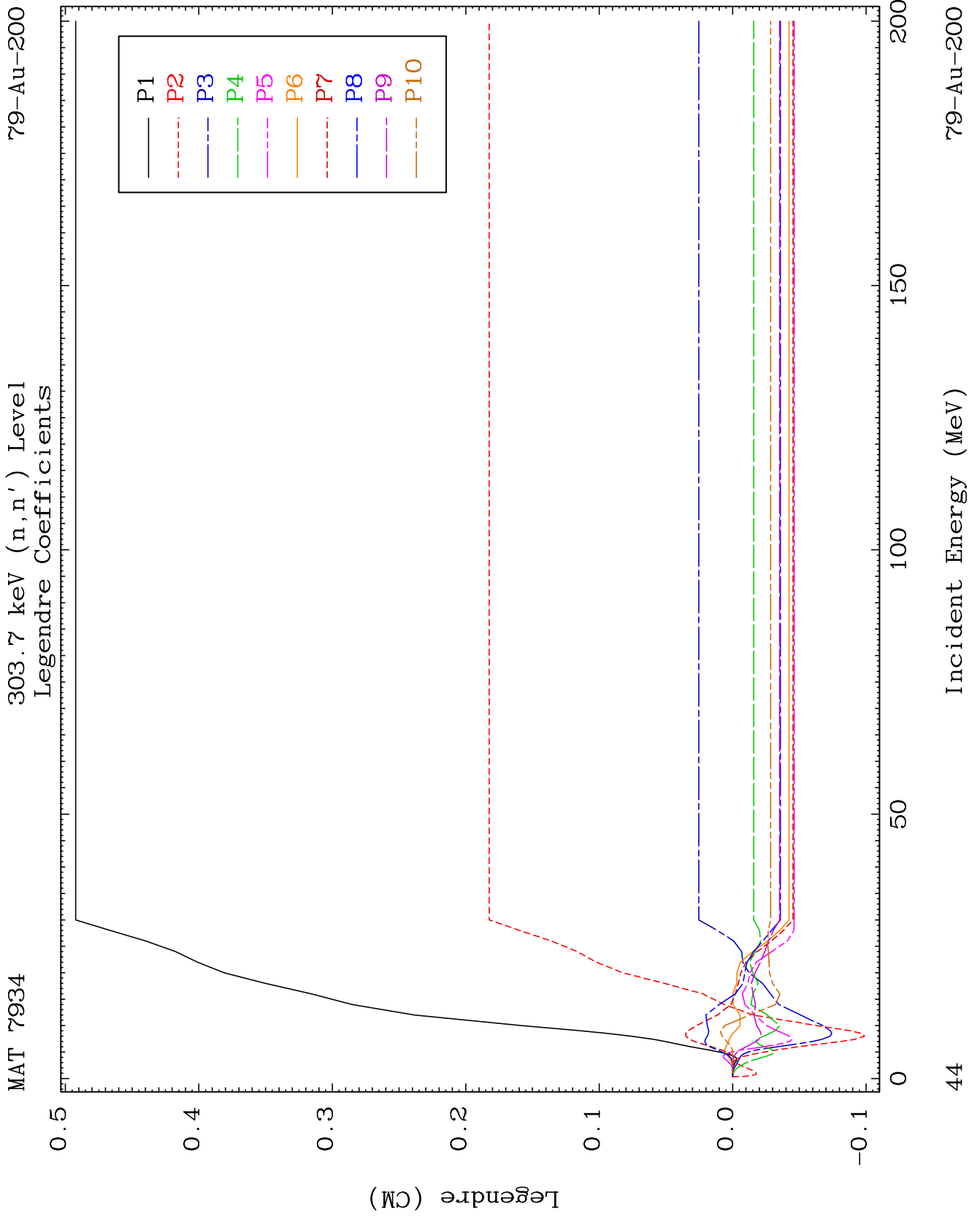


42

Incident Energy (MeV)

79-Au-200

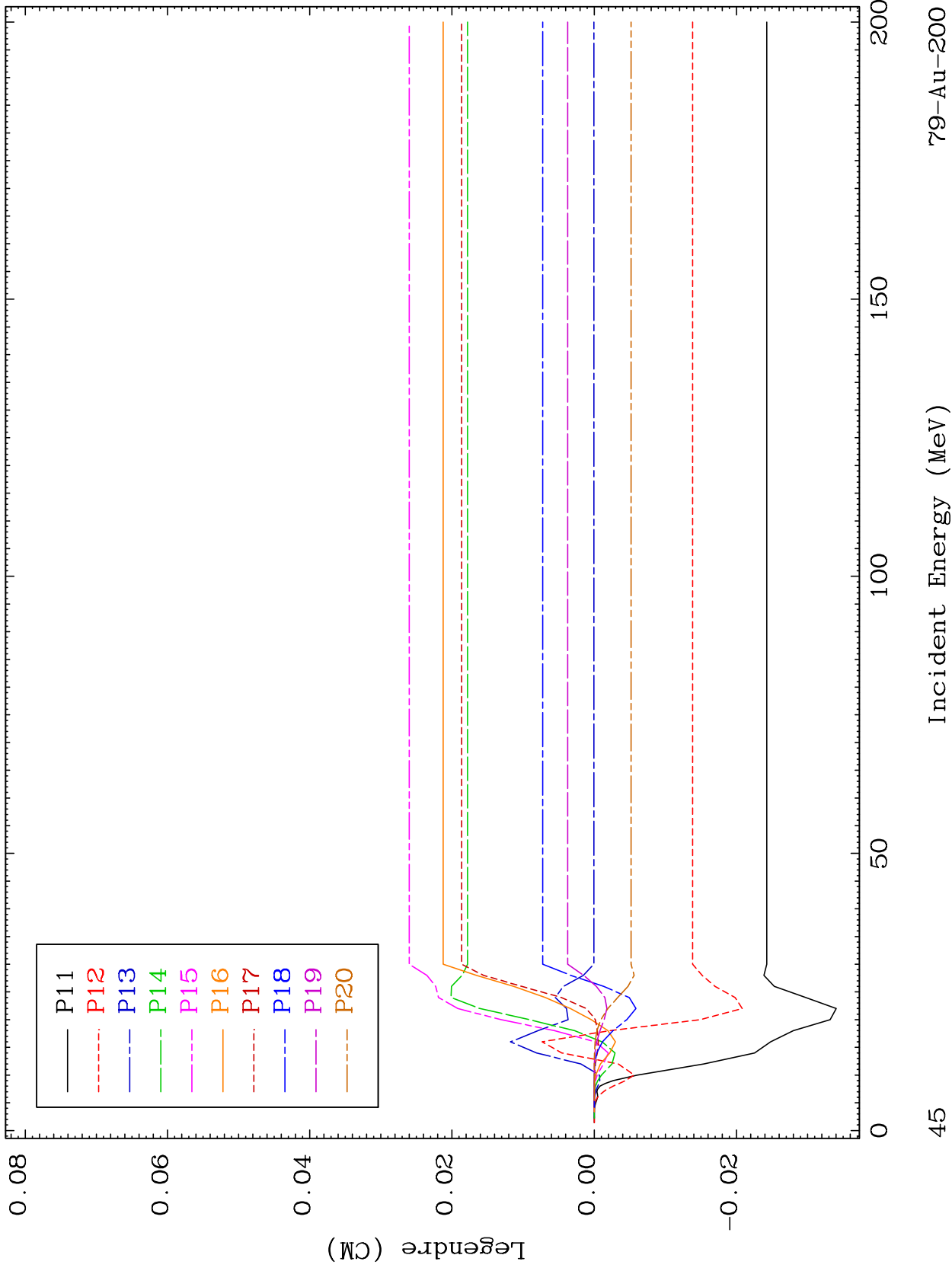




MAT 7934

303.7 keV (n,n') Level
Legendre Coefficients

79-Au-200



79-Au-200

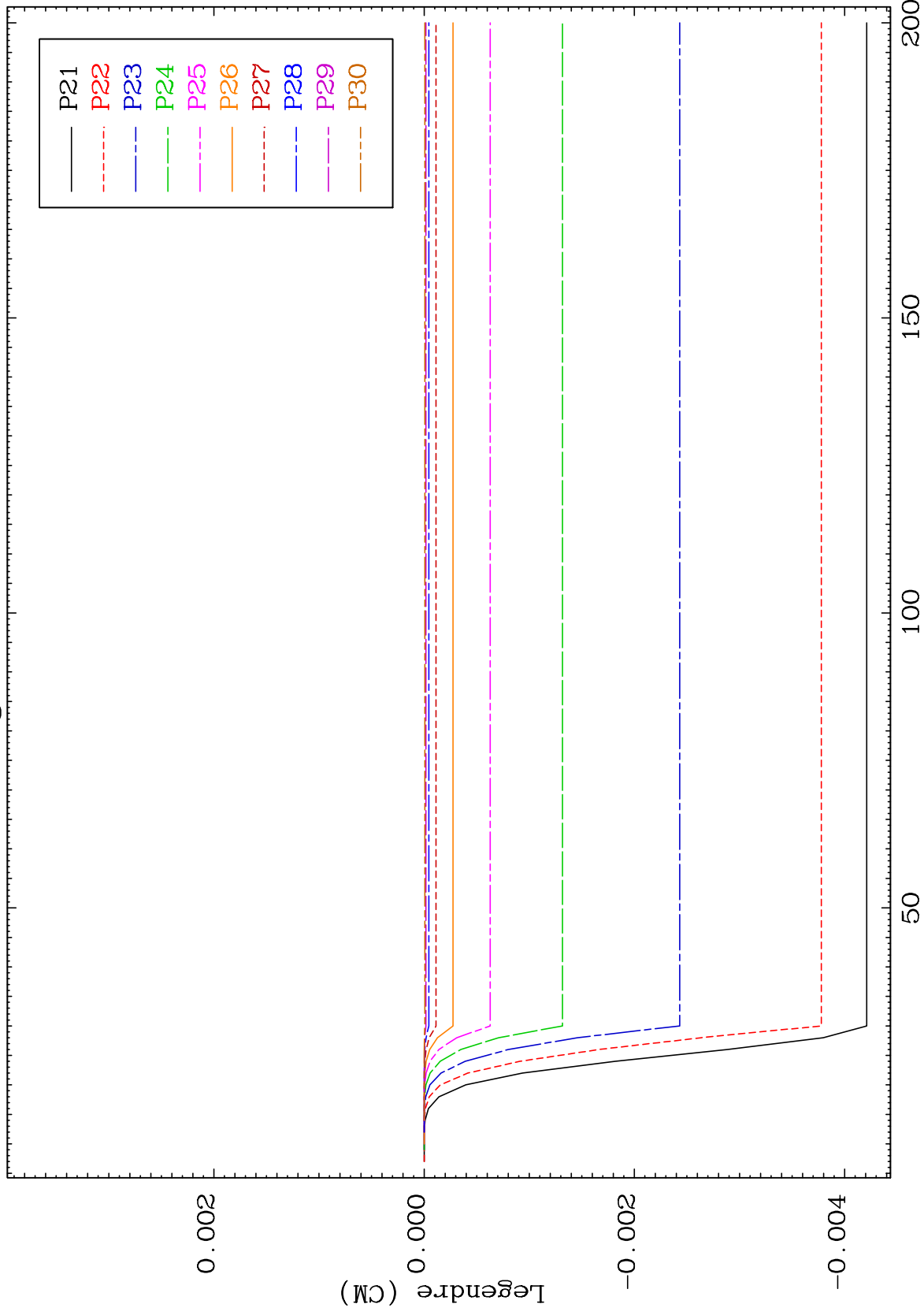
Incident Energy (MeV)

45

MAT 7934

303.7 keV (n,n') Level
Legendre Coefficients

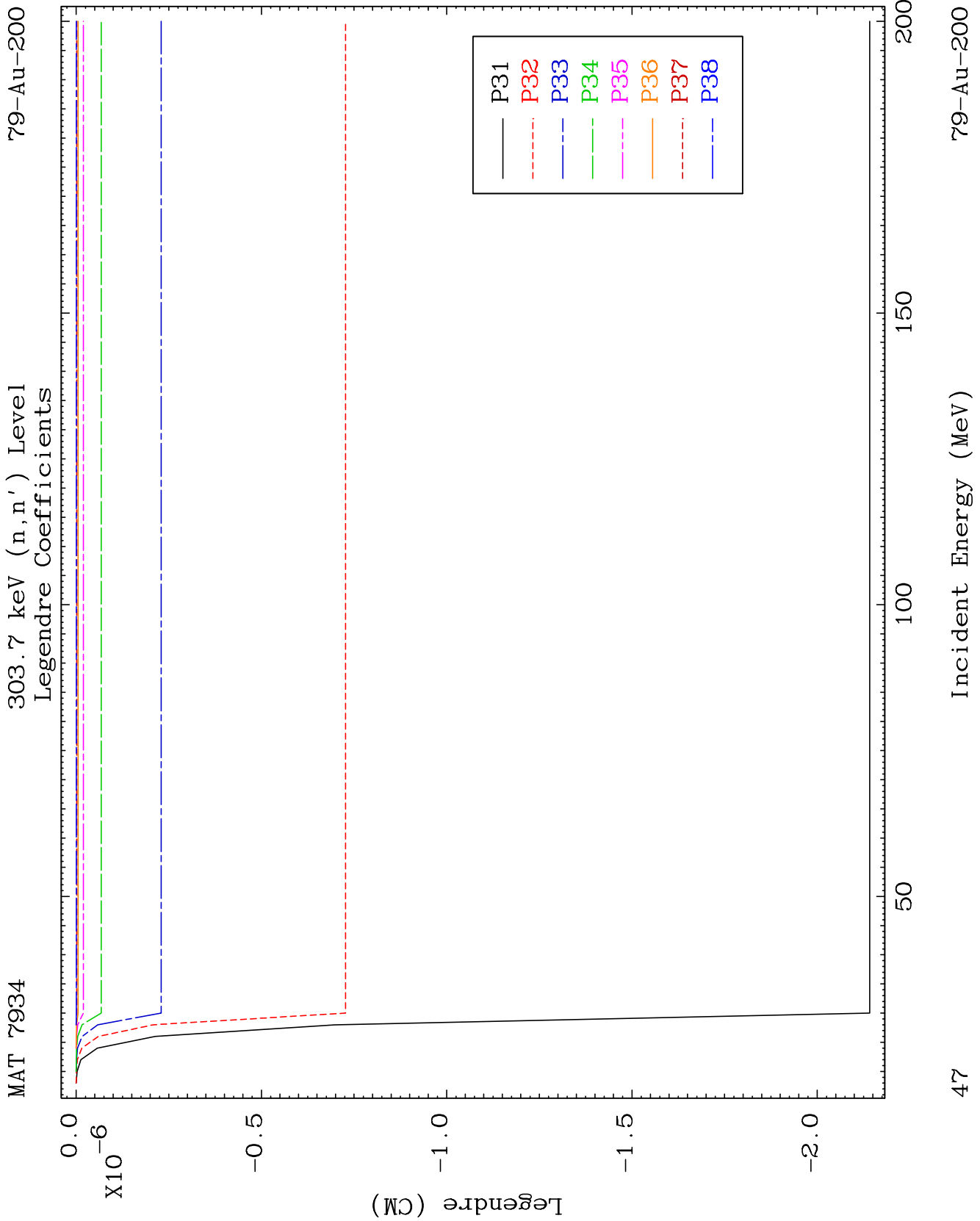
79-Au-200



46

Incident Energy (MeV)

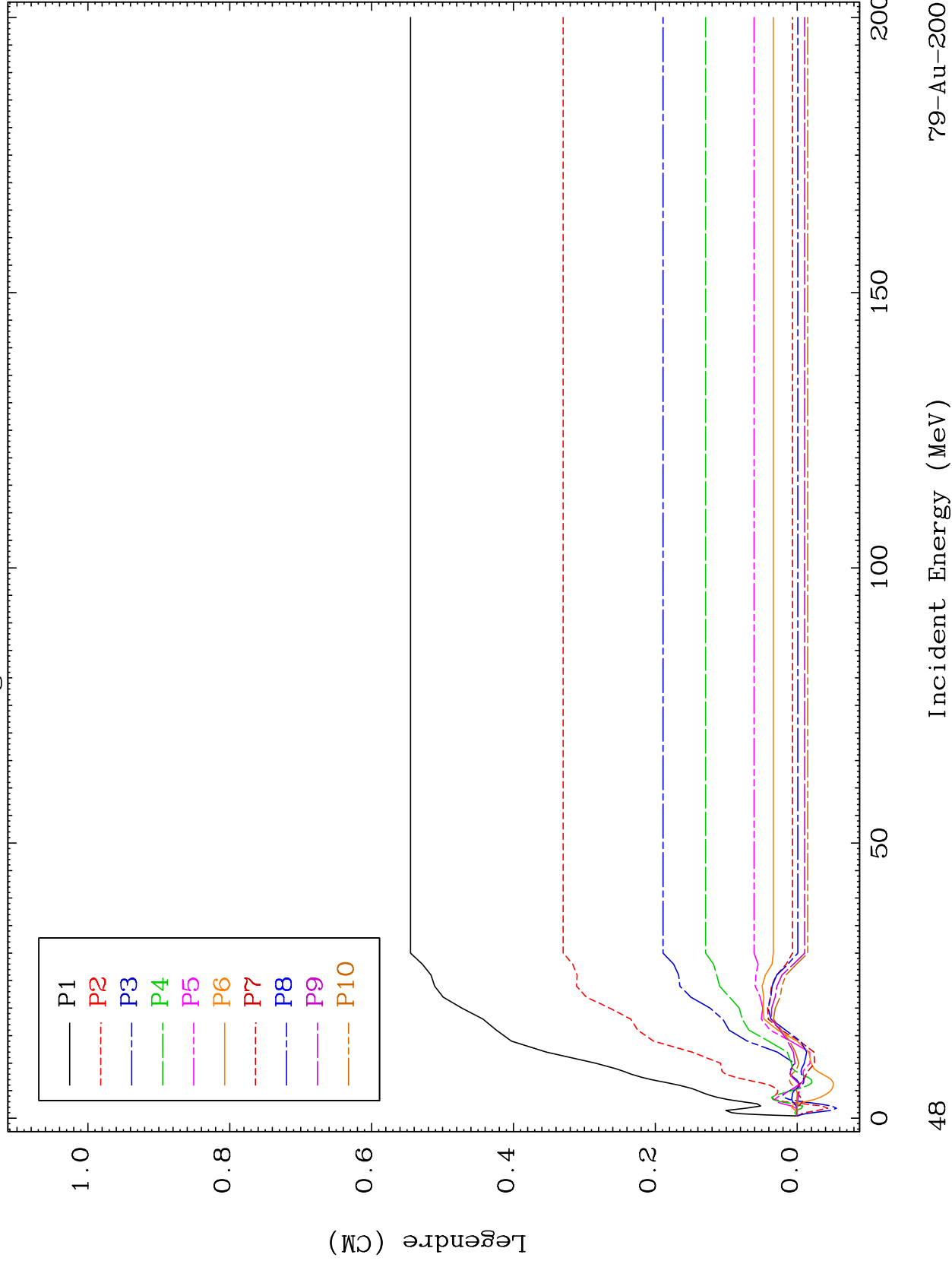
79-Au-200



MAT 7934

390.2 keV (n,n') Level
Legendre Coefficients

79-Au-200



79-Au-200

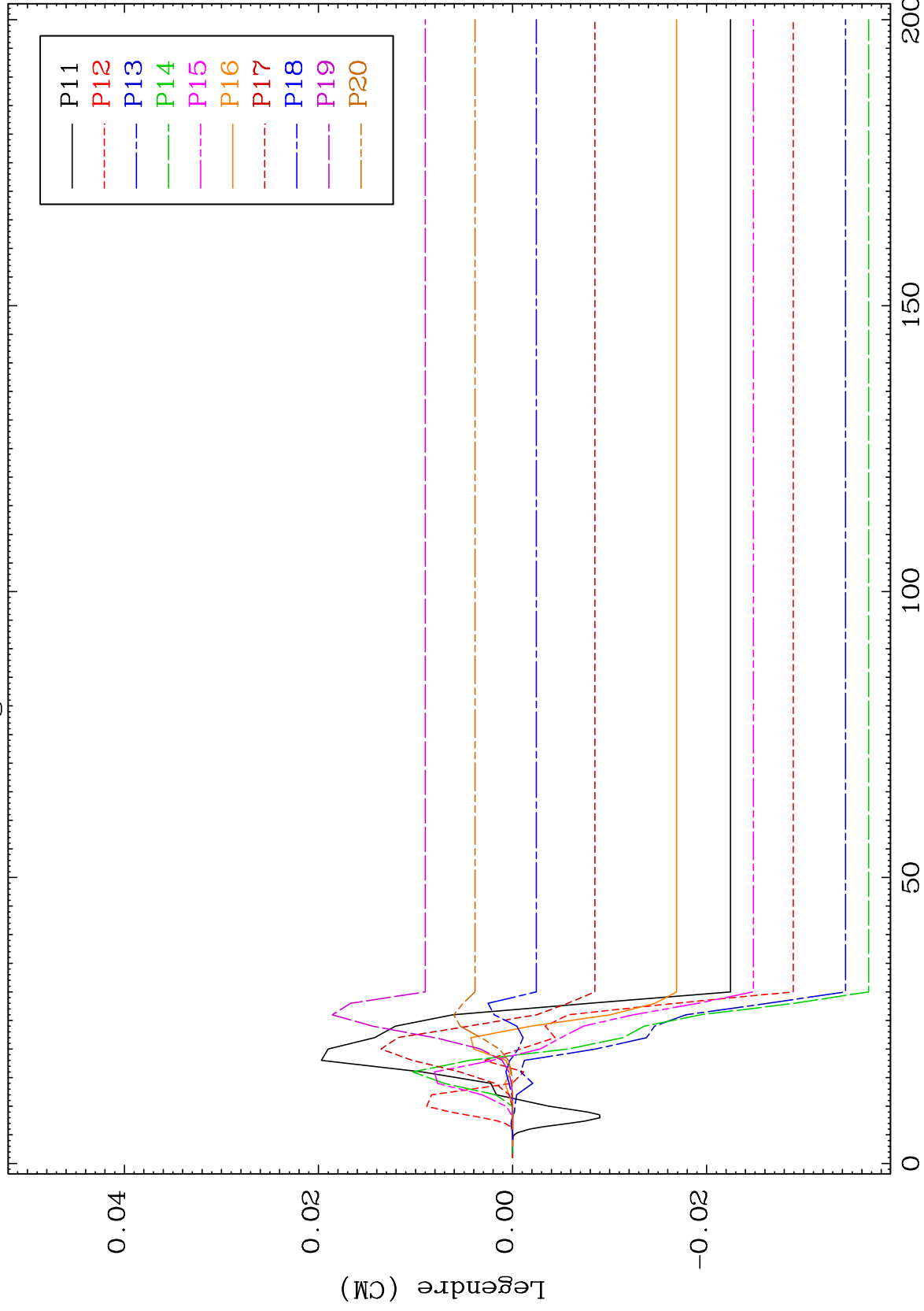
Incident Energy (MeV)

48

MAT 7934

390.2 keV (n,n') Level
Legendre Coefficients

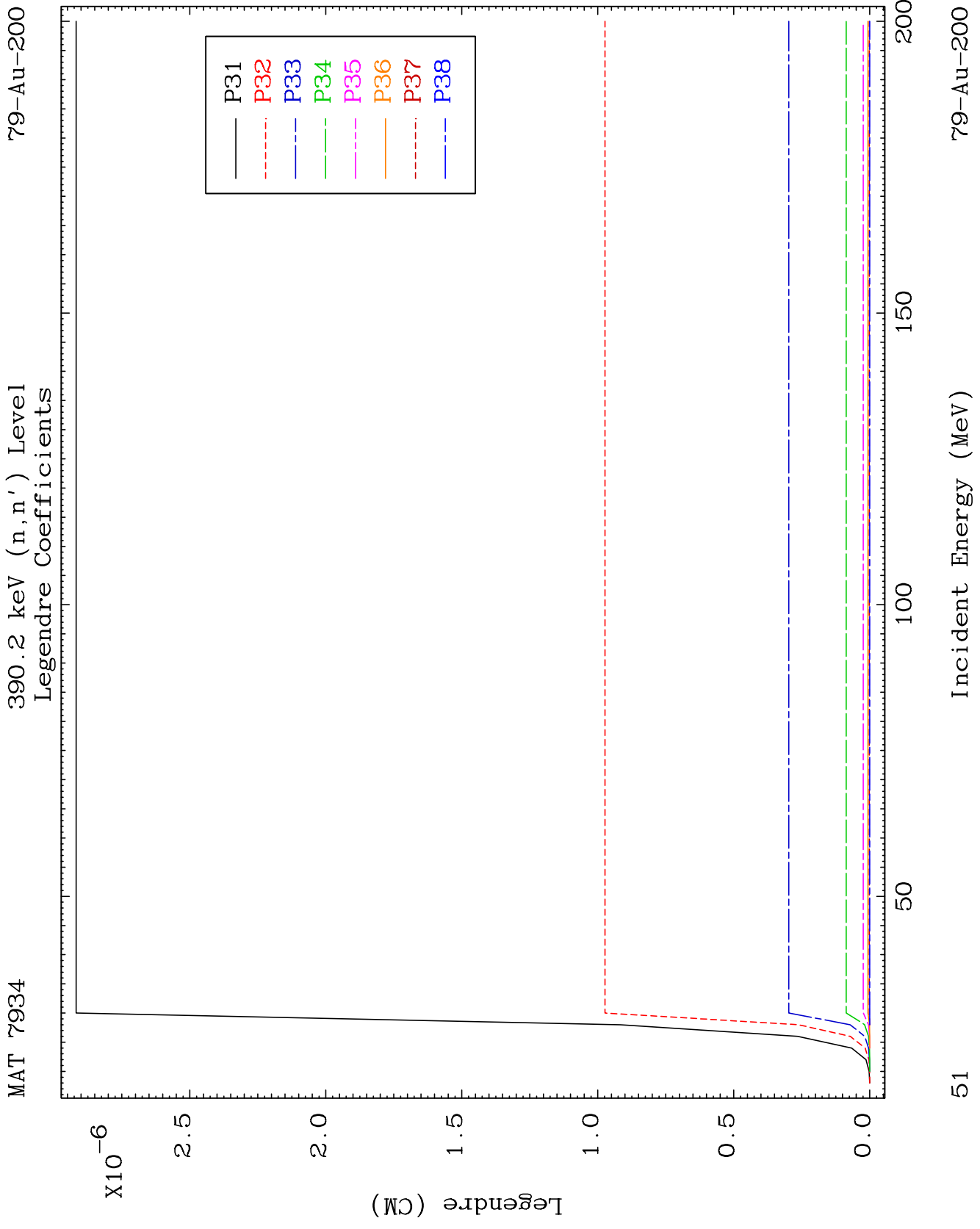
79-Au-200

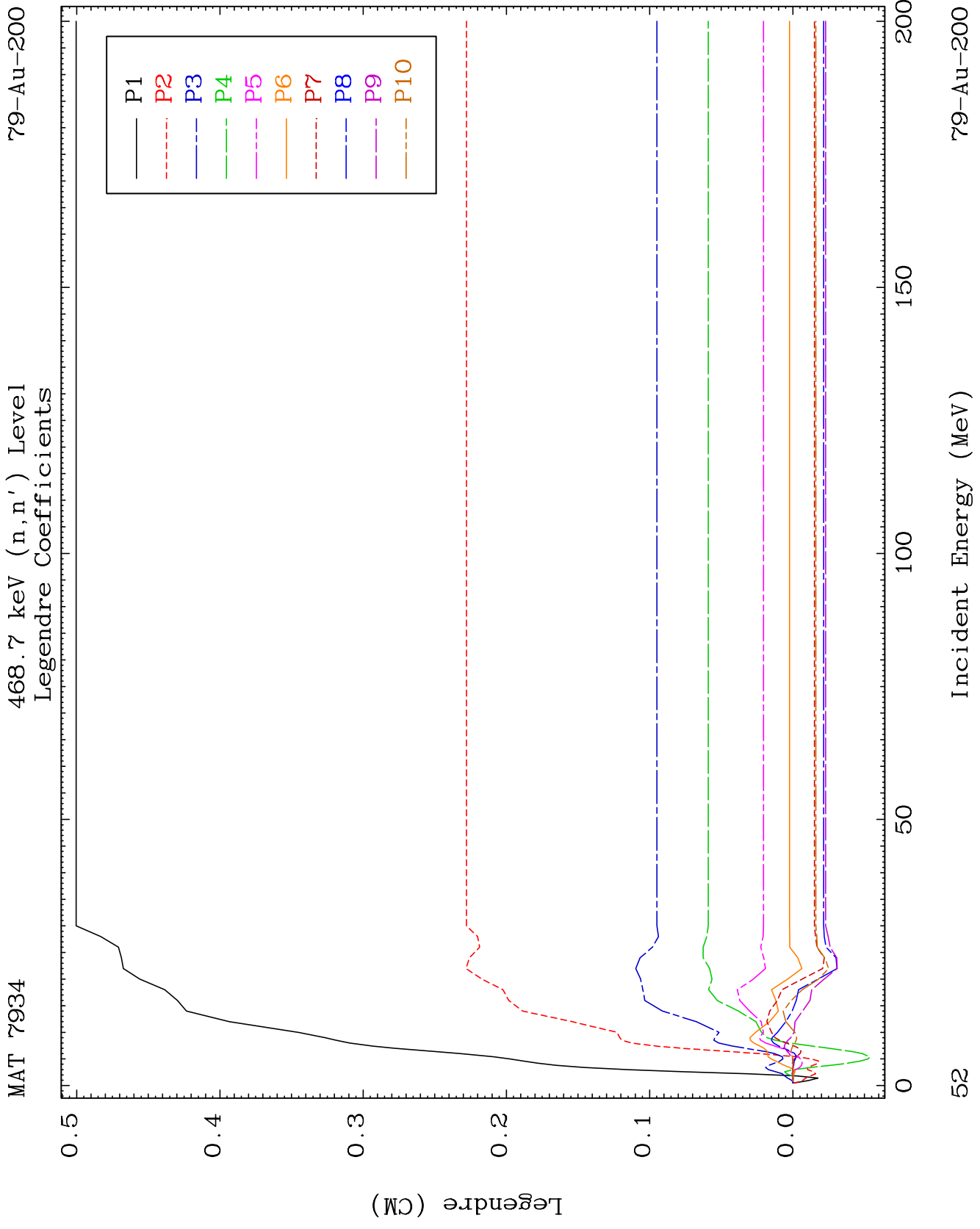


49

Incident Energy (MeV)

79-Au-200

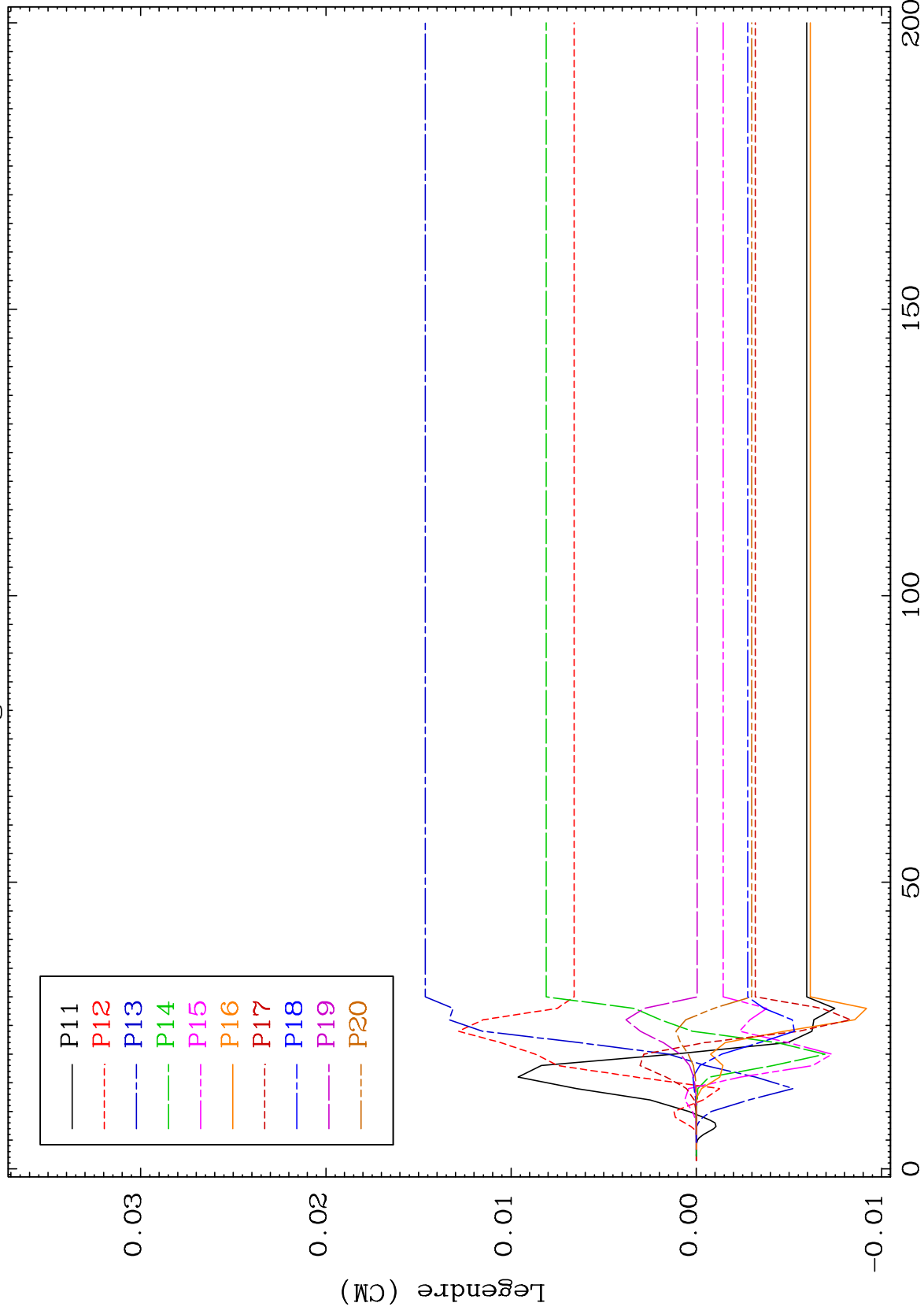




MAT 7934

468.7 keV (n, n') Level
Legendre Coefficients

79-Au-200



53

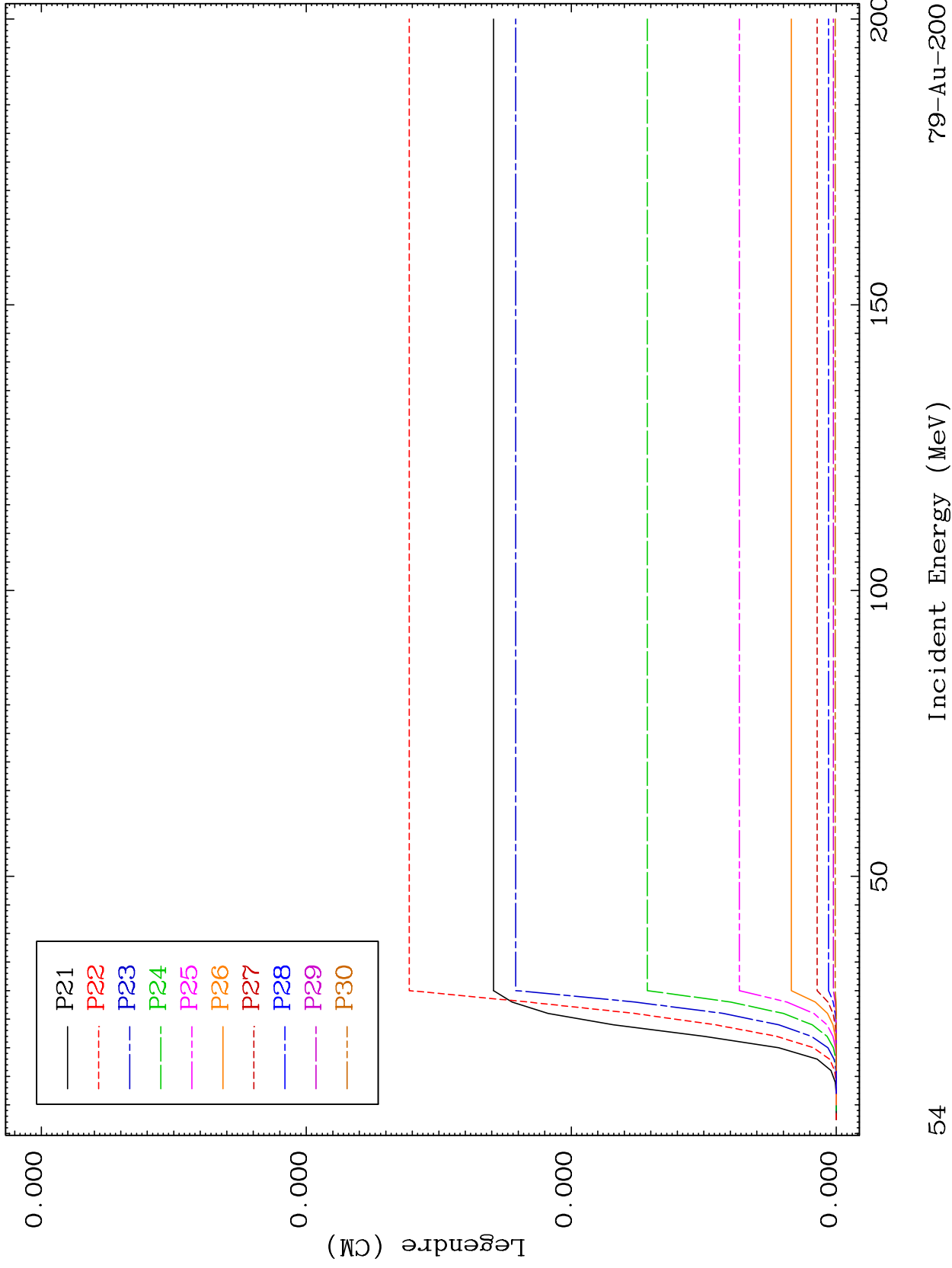
Incident Energy (MeV)

79-Au-200

MAT 7934

468.7 keV (n,n') Level
Legendre Coefficients

79-Au-200



54

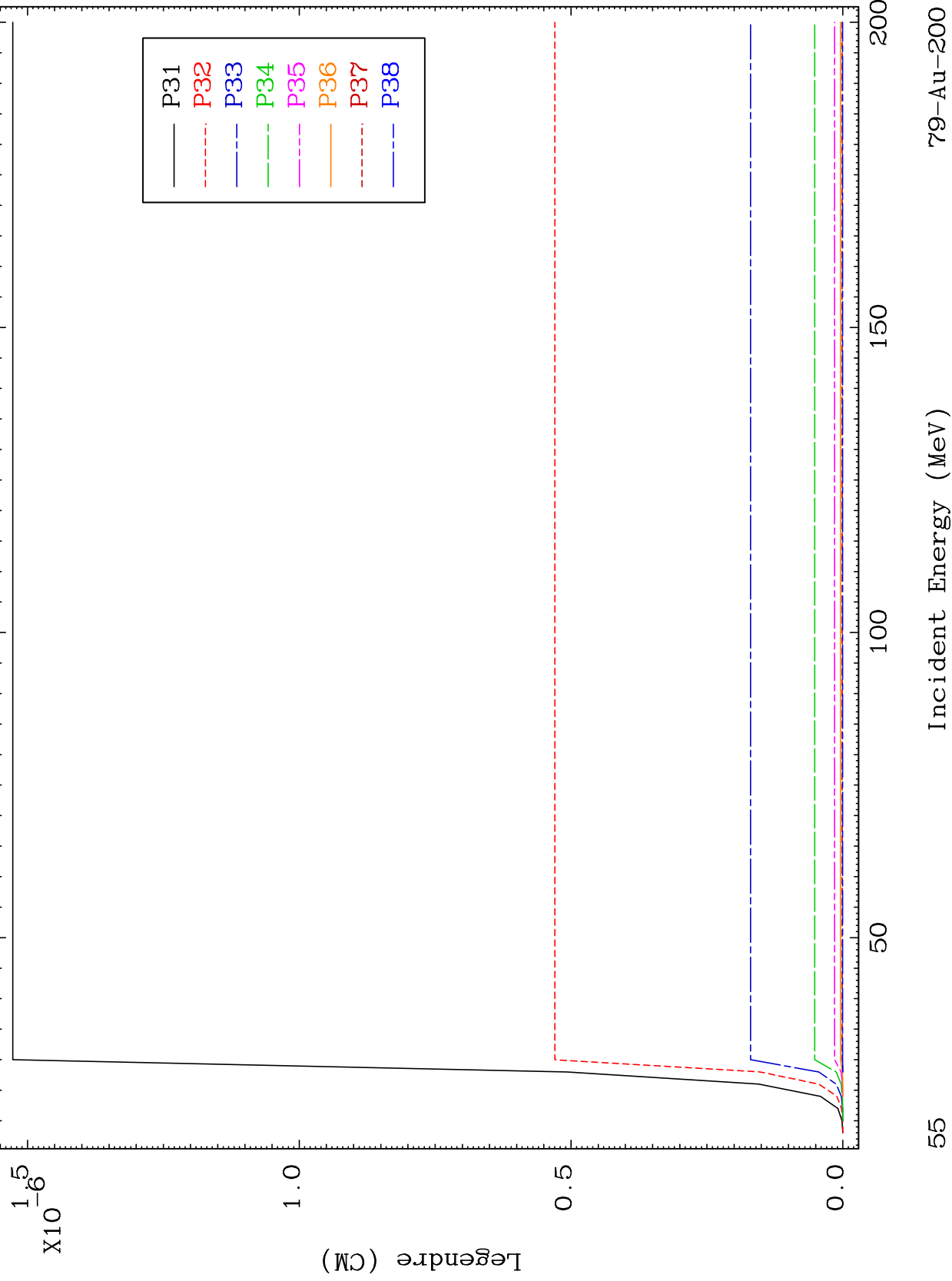
Incident Energy (MeV)

79-Au-200

MAT 7934

468.7 keV (n,n') Level
Legendre Coefficients

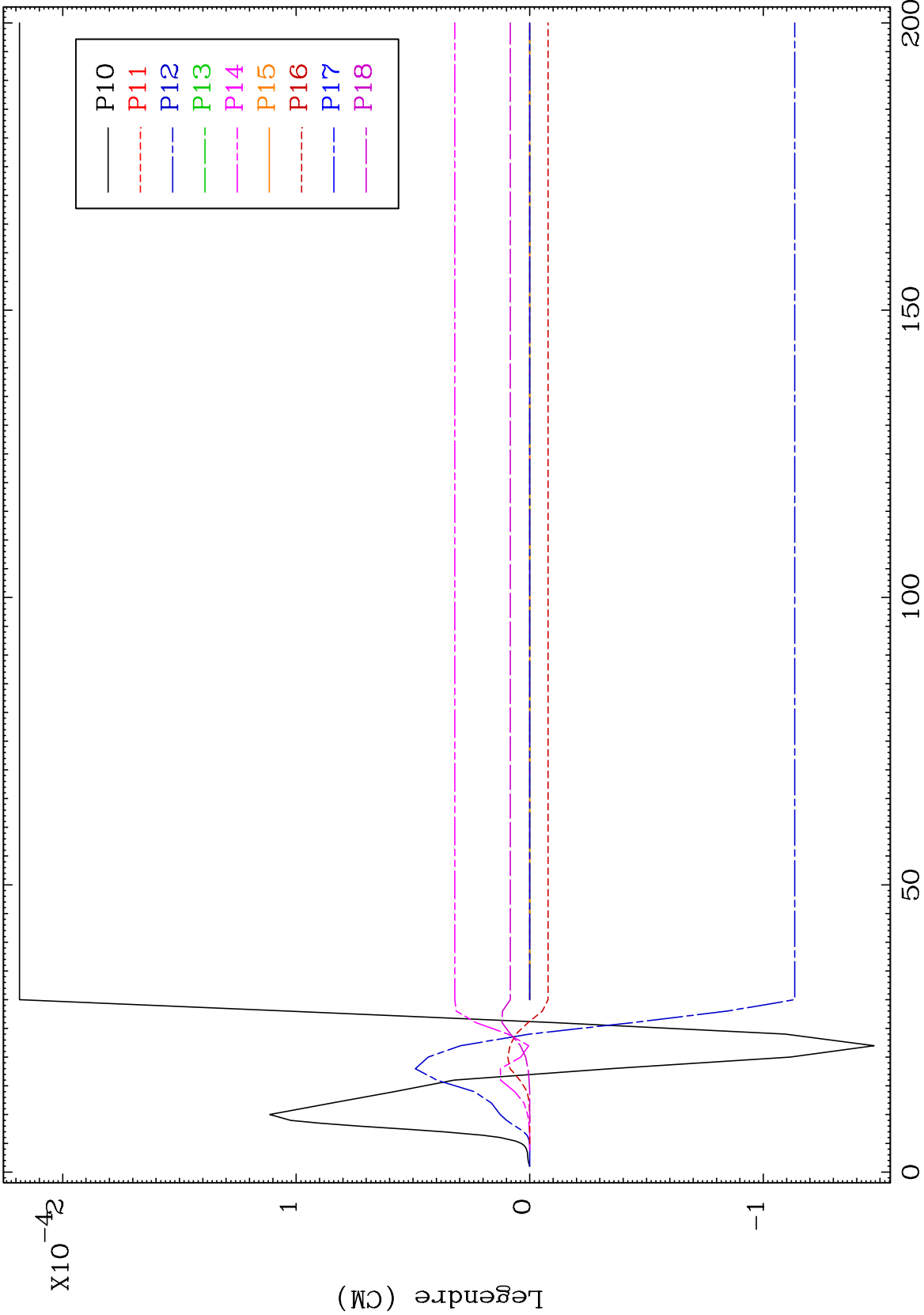
79-Au-200



MAT 7934

962.0 keV (n,n') Level
Legendre Coefficients

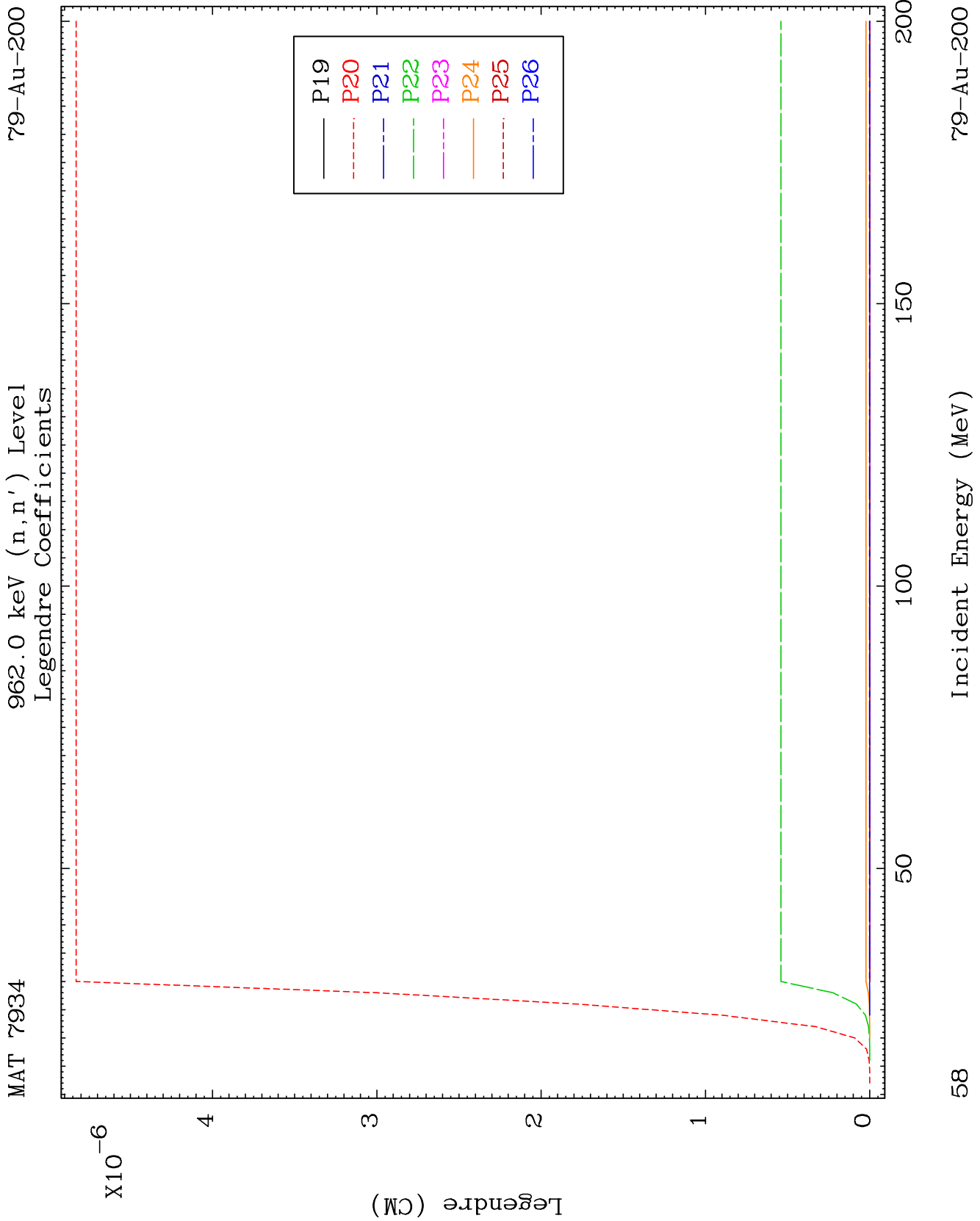
79-Au-200

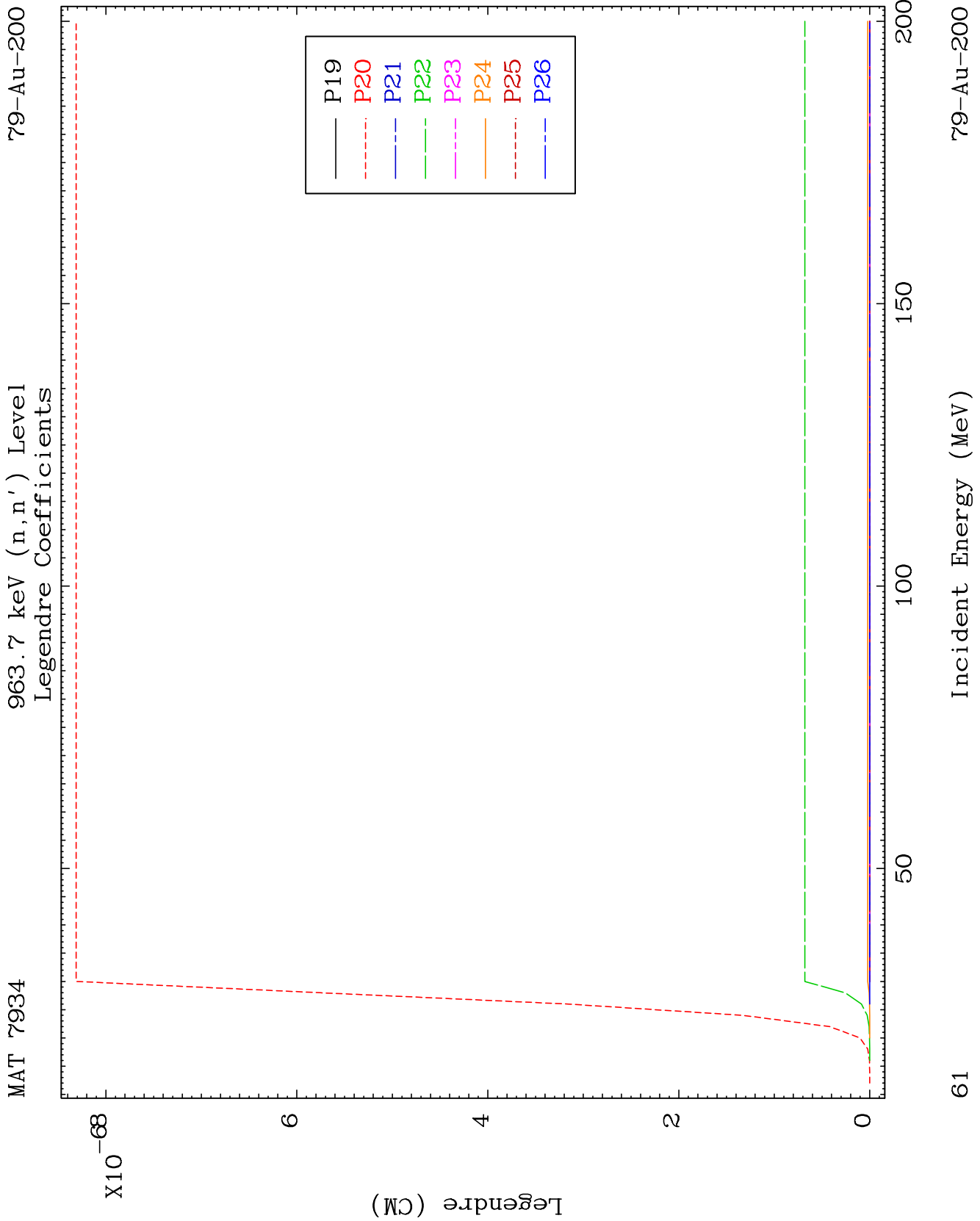


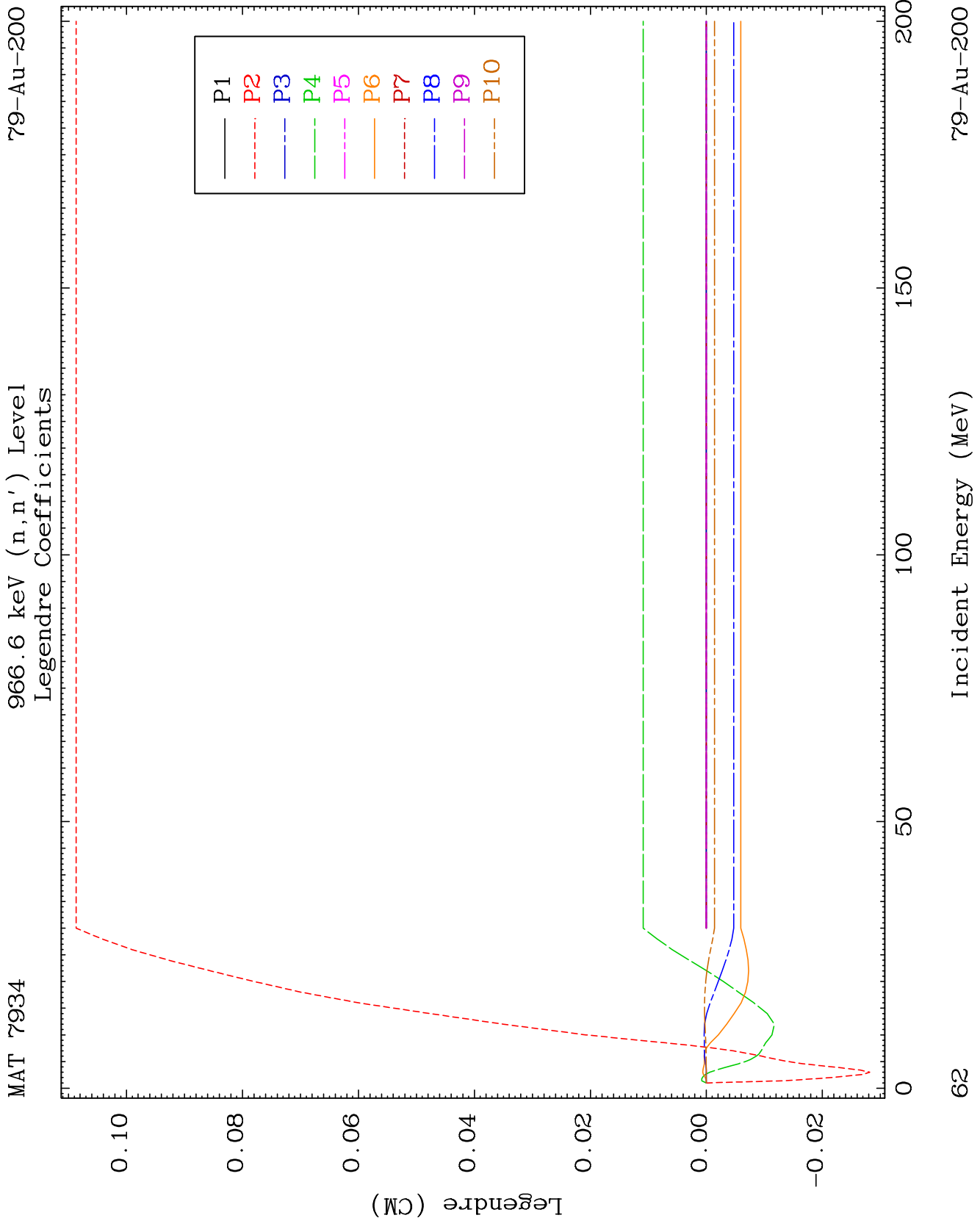
57

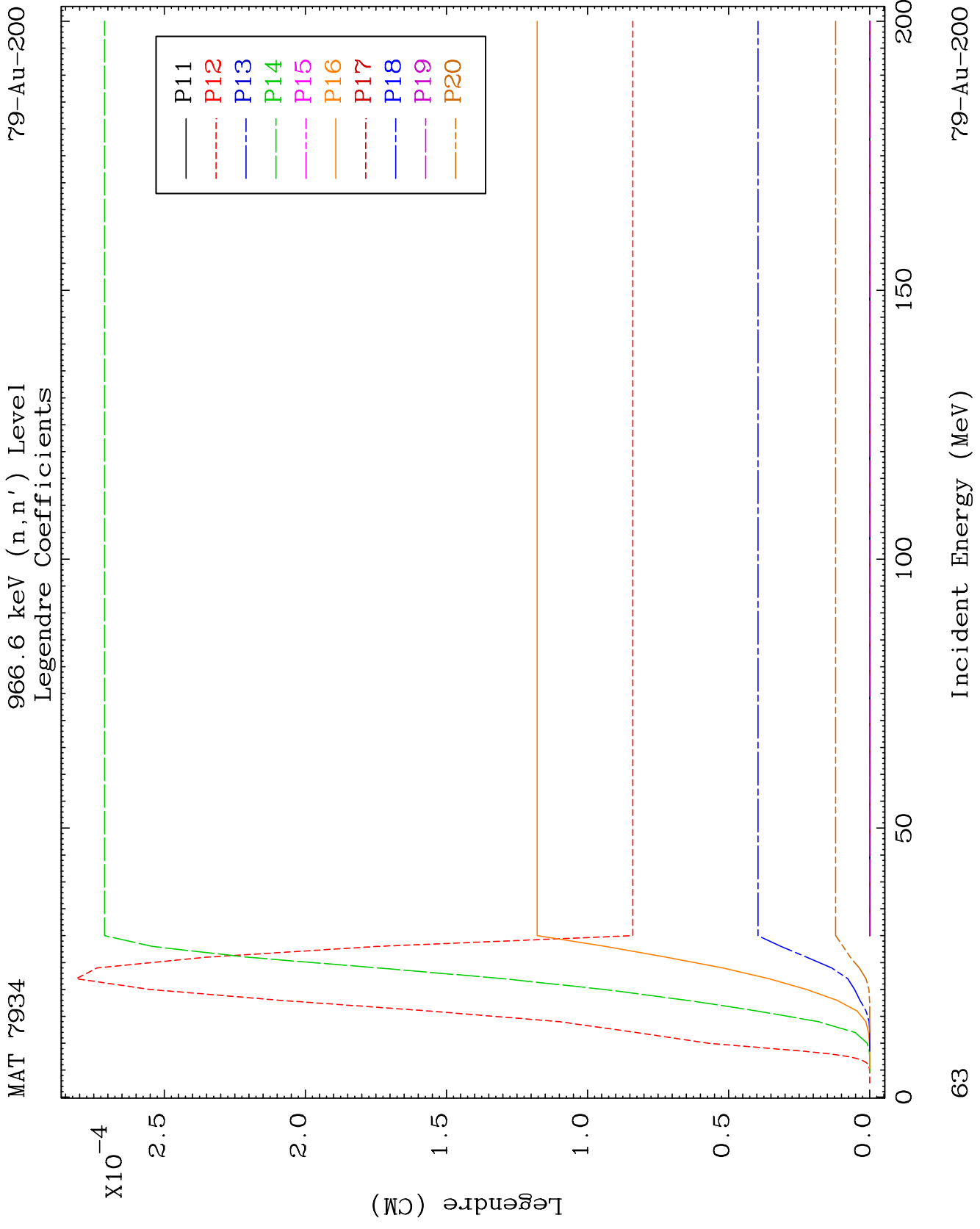
Incident Energy (MeV)

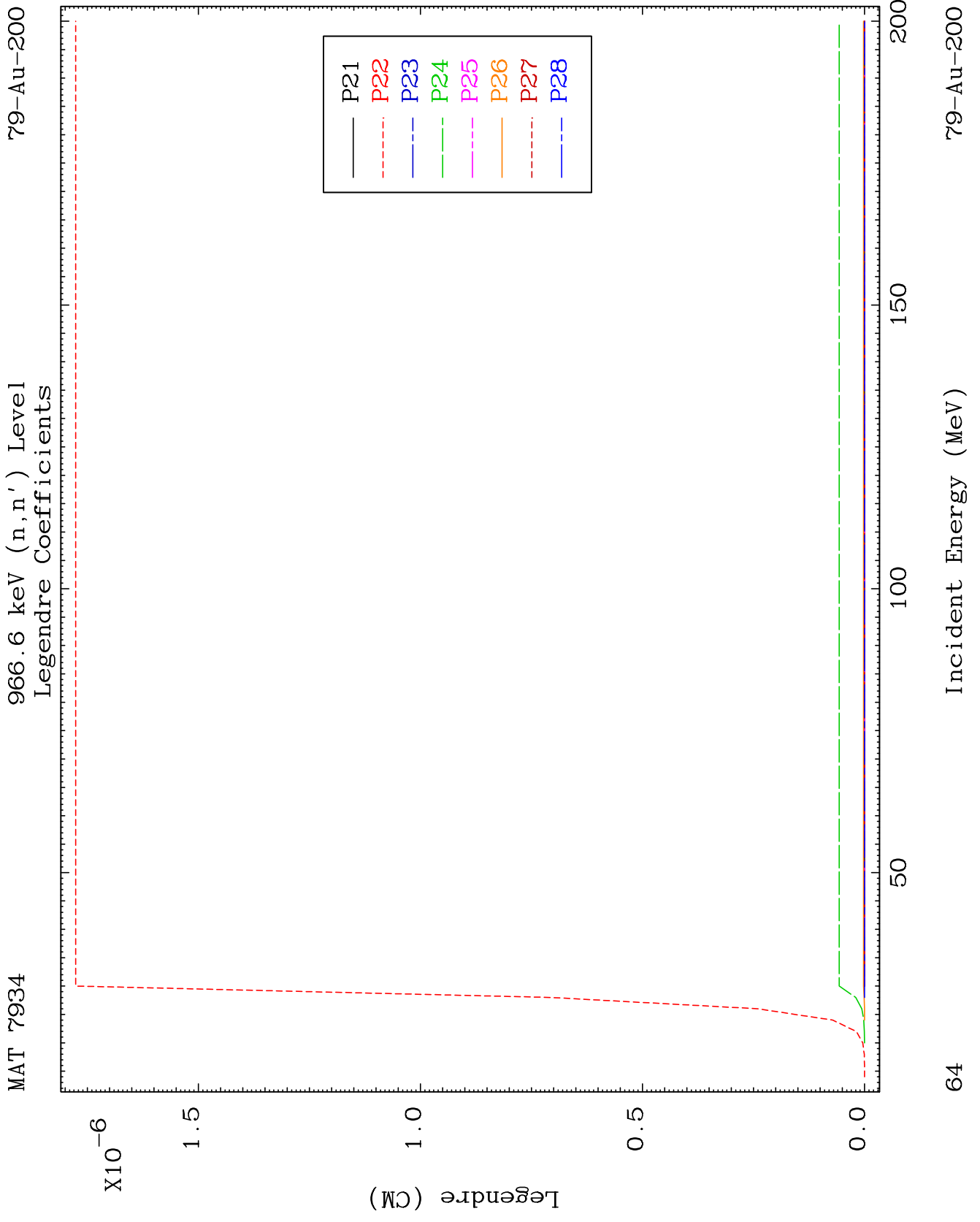
79-Au-200







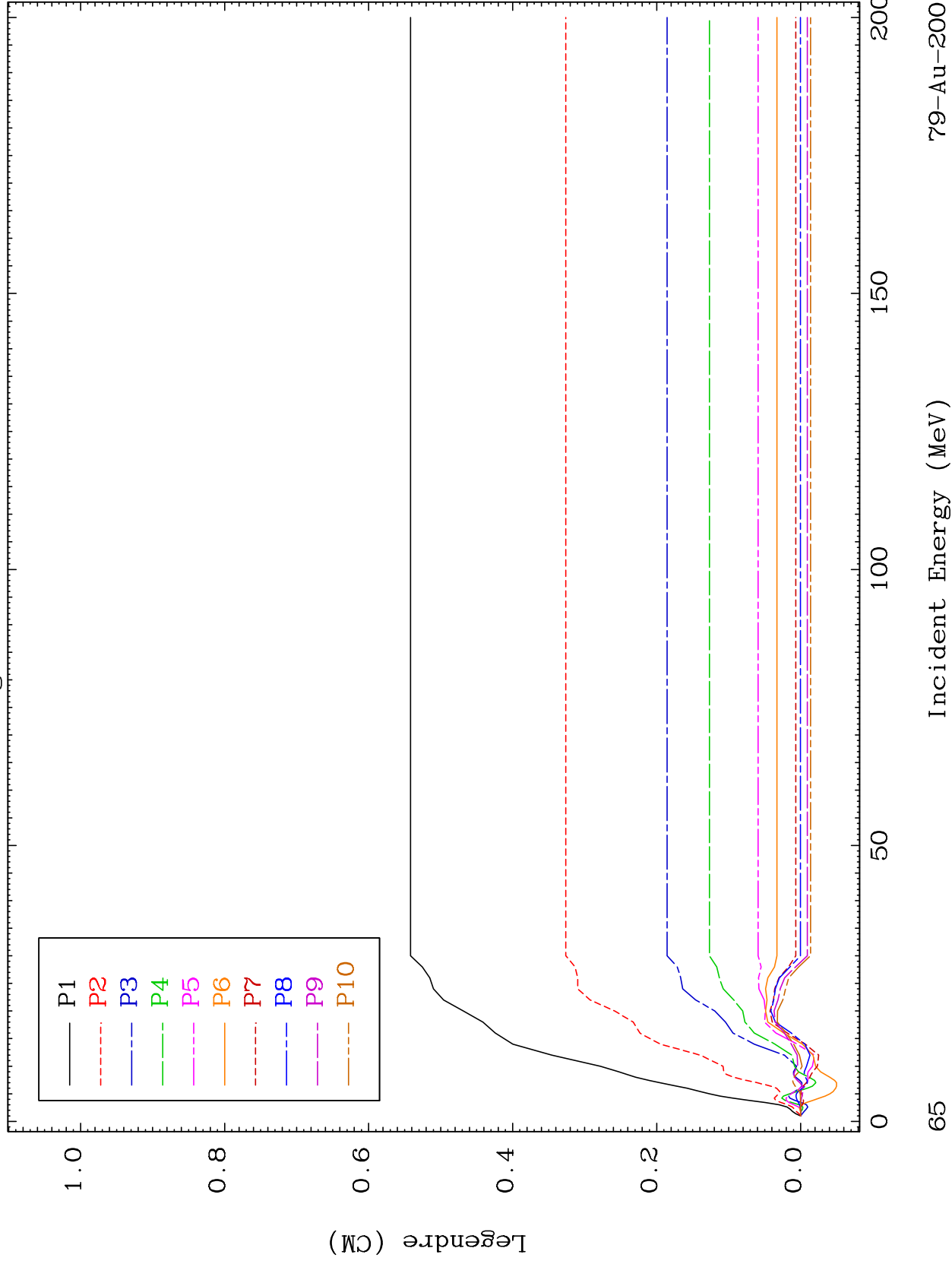




MAT 7934

968.6 keV (n,n') Level
Legendre Coefficients

79-Au-200



65

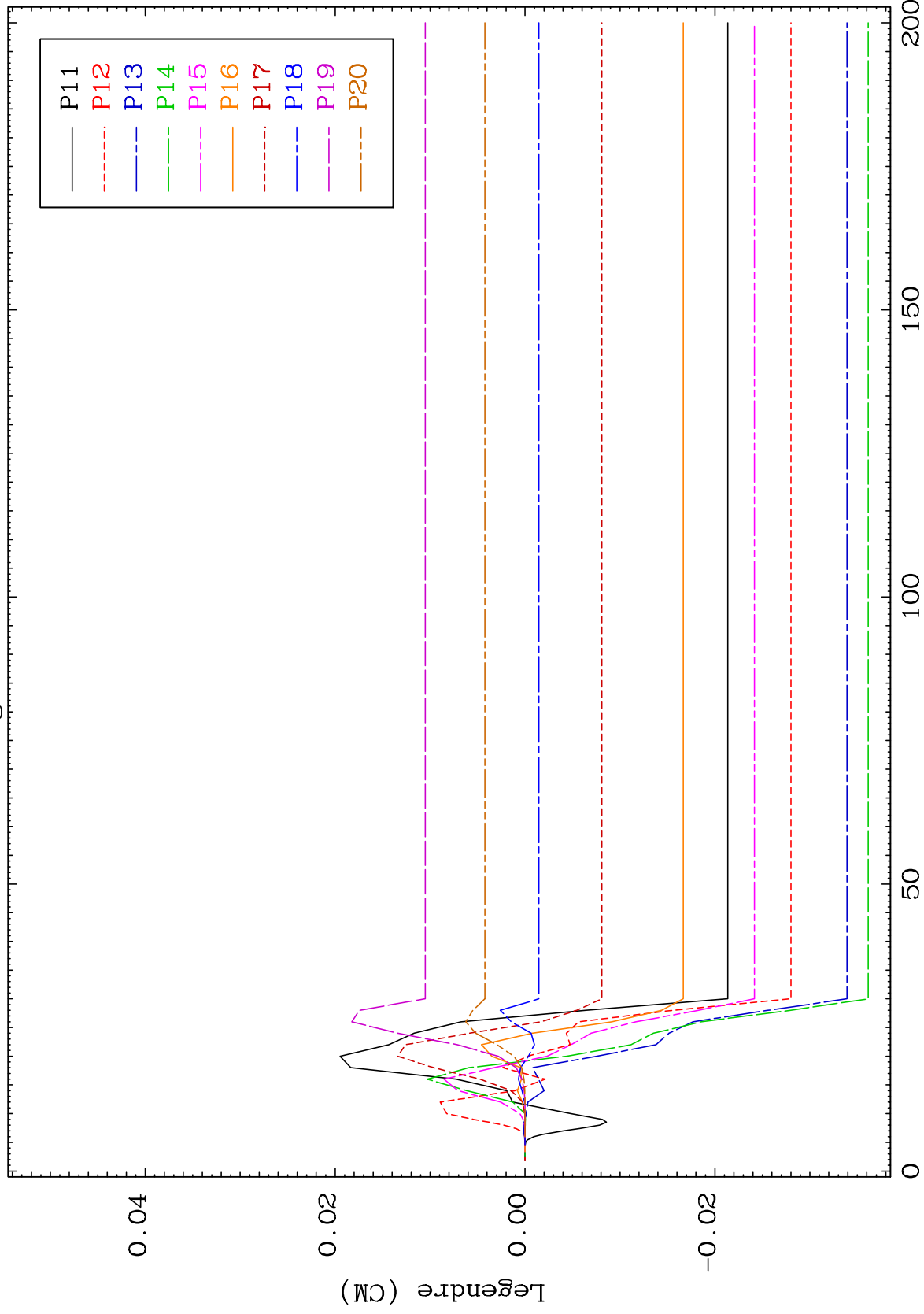
Incident Energy (MeV)

79-Au-200

MAT 7934

968.6 keV (n,n') Level
Legendre Coefficients

79-Au-200



66

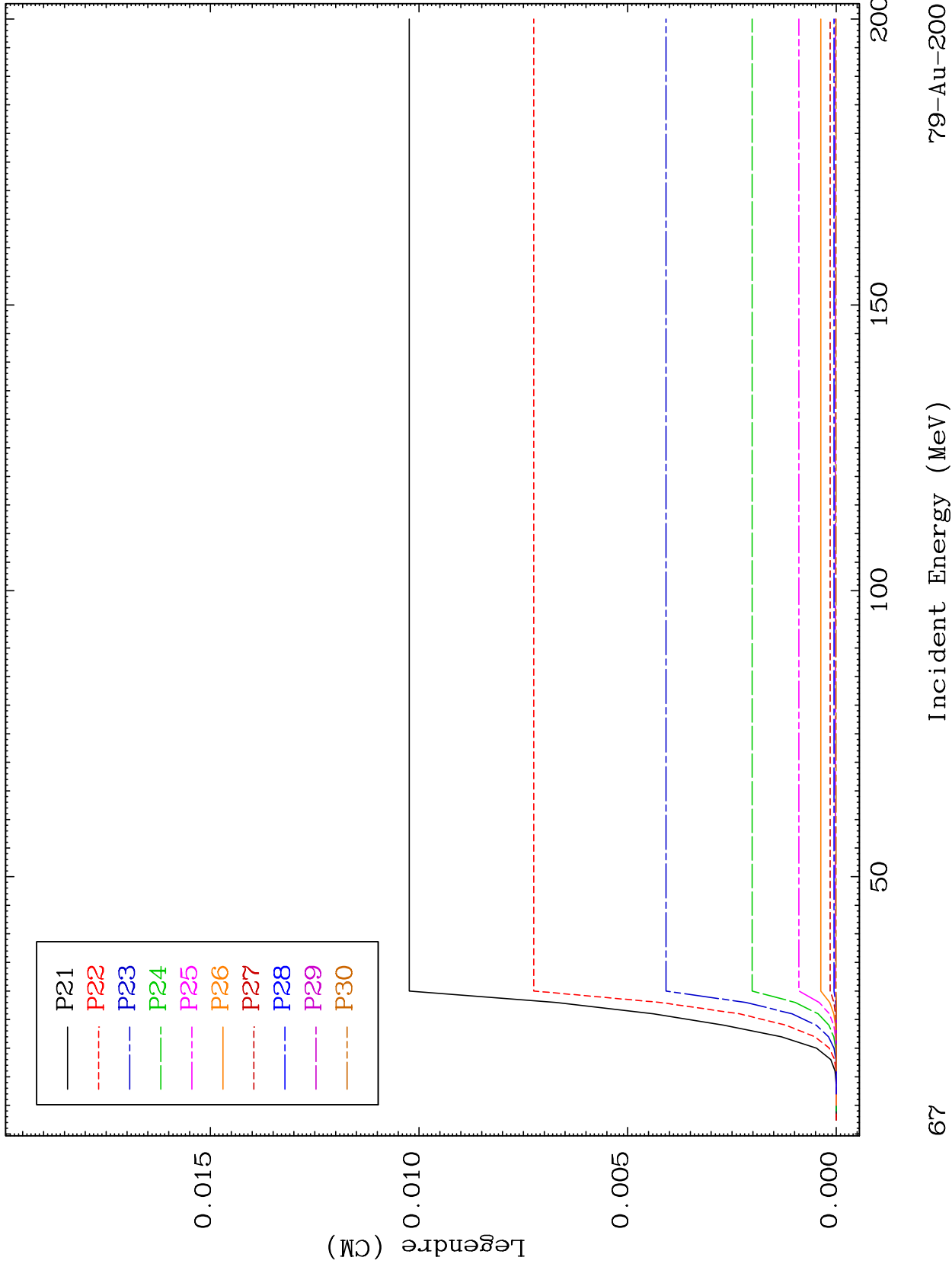
Incident Energy (MeV)

79-Au-200

MAT 7934

968.6 keV (n,n') Level
Legendre Coefficients

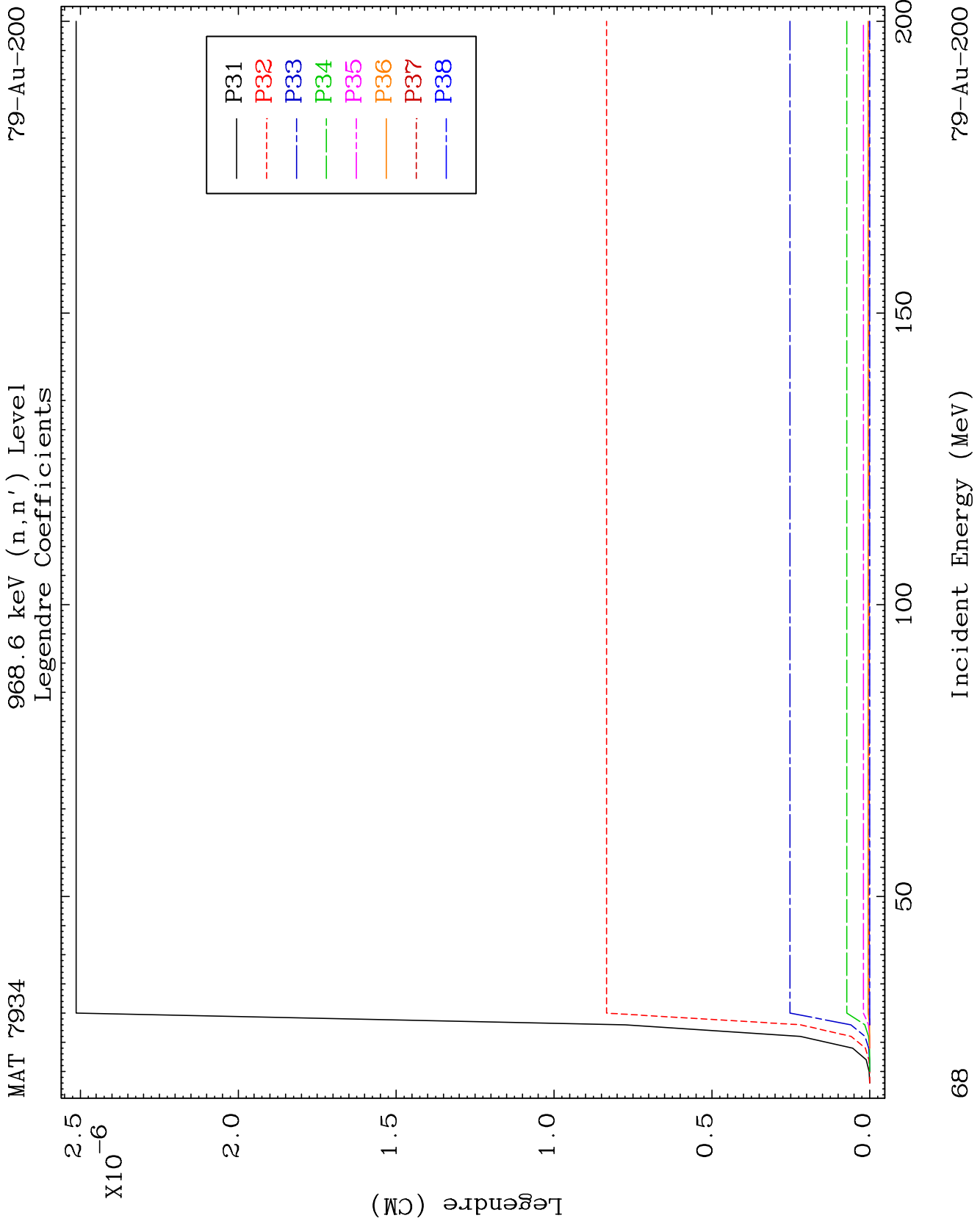
79-Au-200

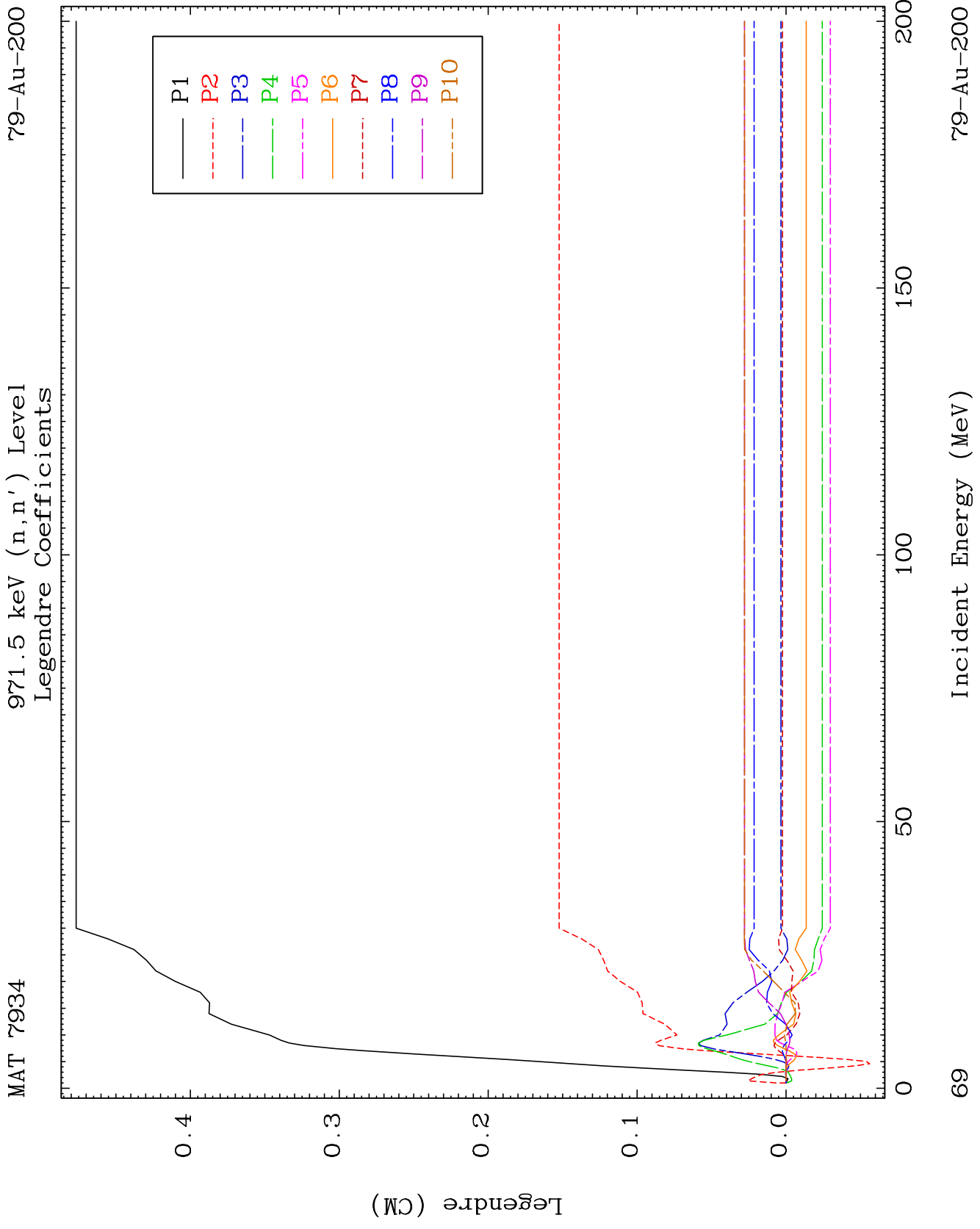


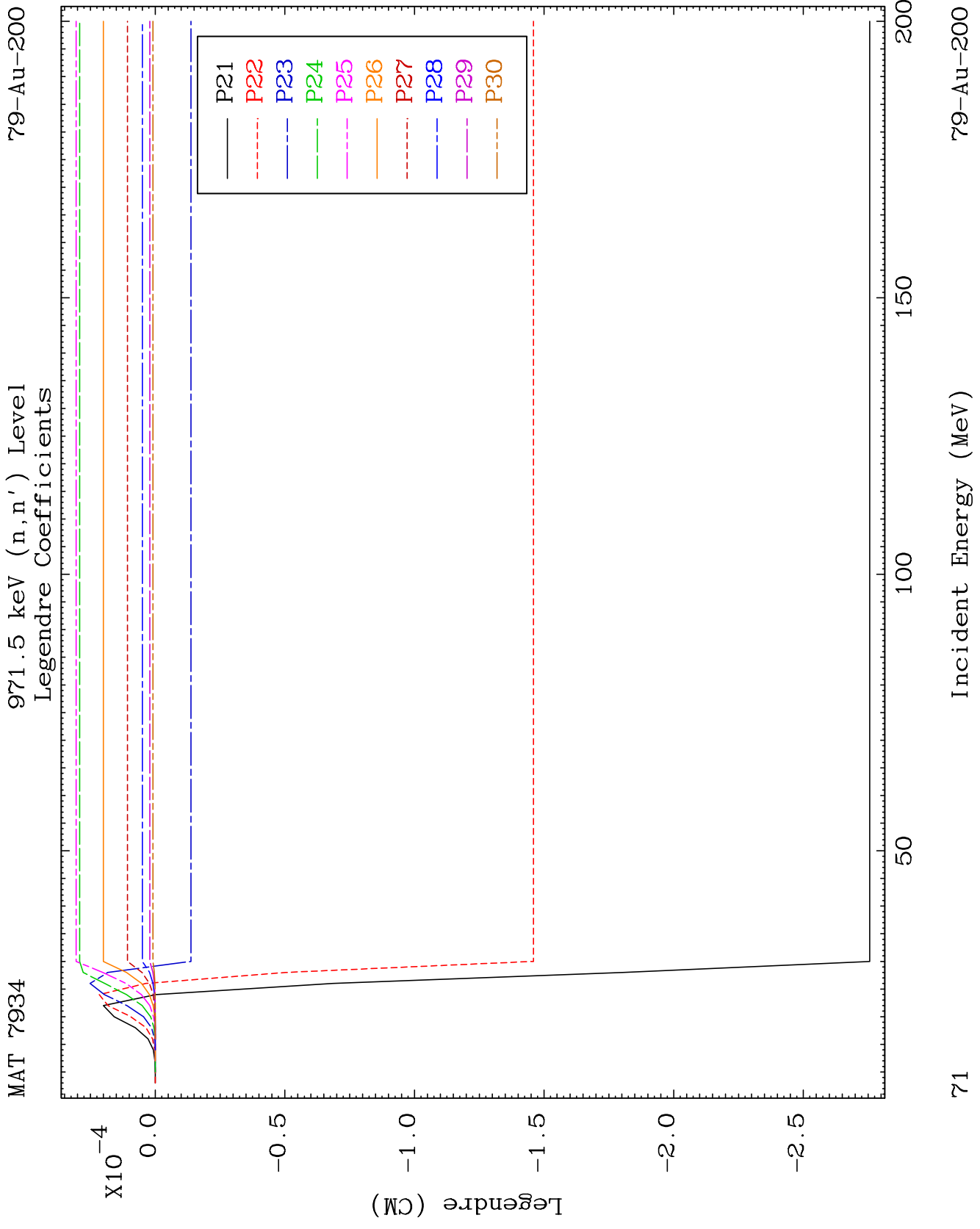
67

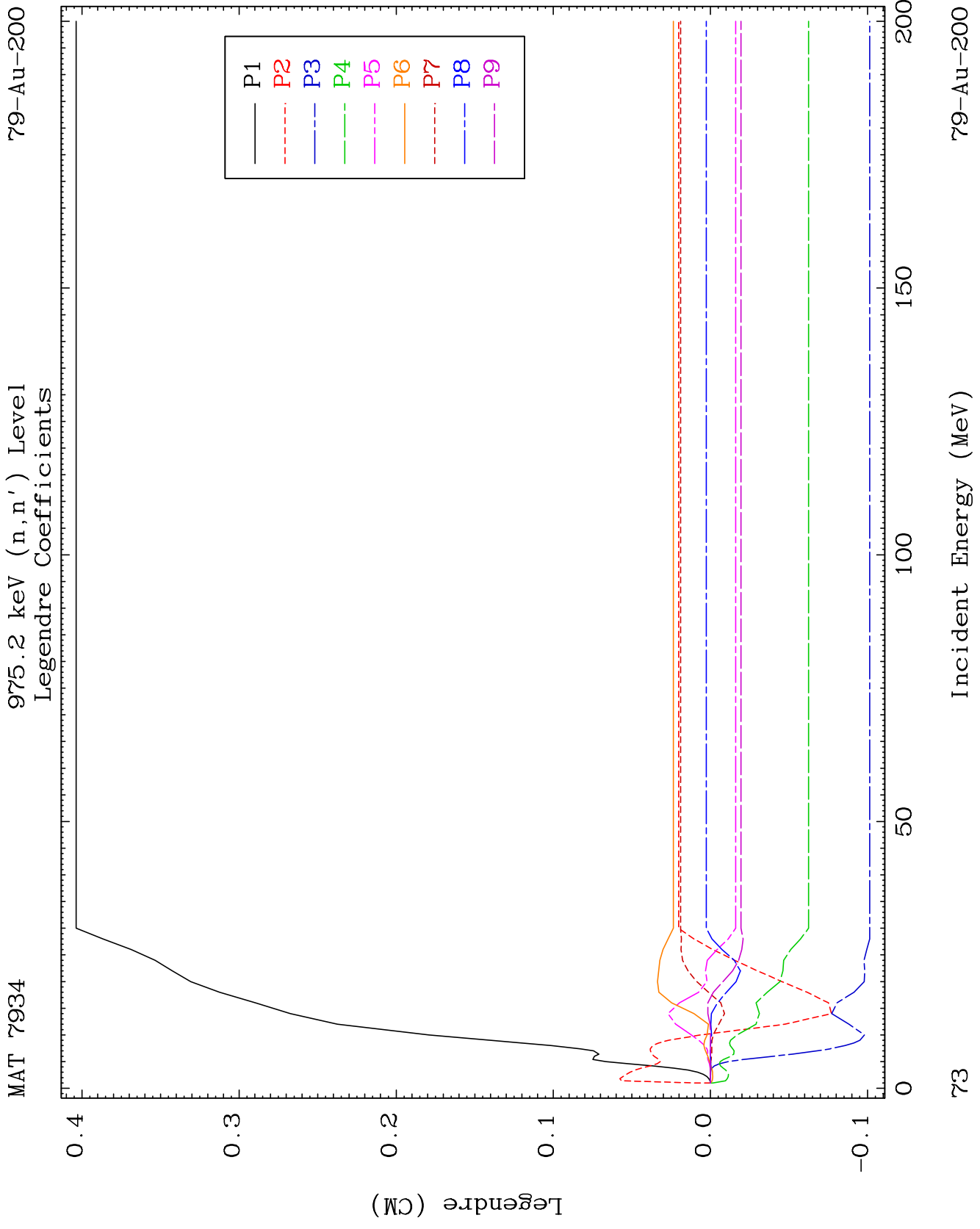
Incident Energy (MeV)

79-Au-200





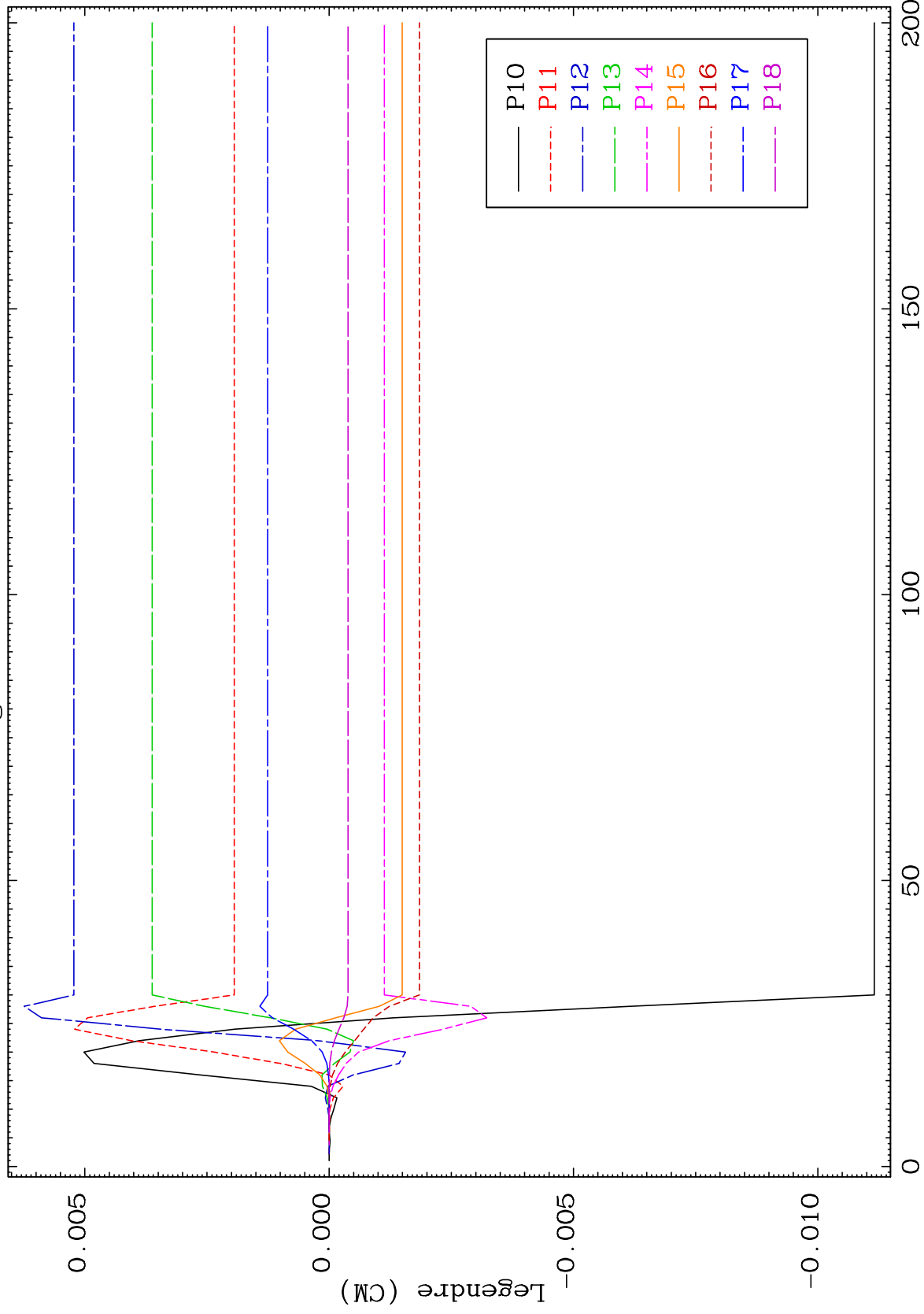




MAT 7934

975.2 keV (n,n') Level
Legendre Coefficients

79-Au-200



74

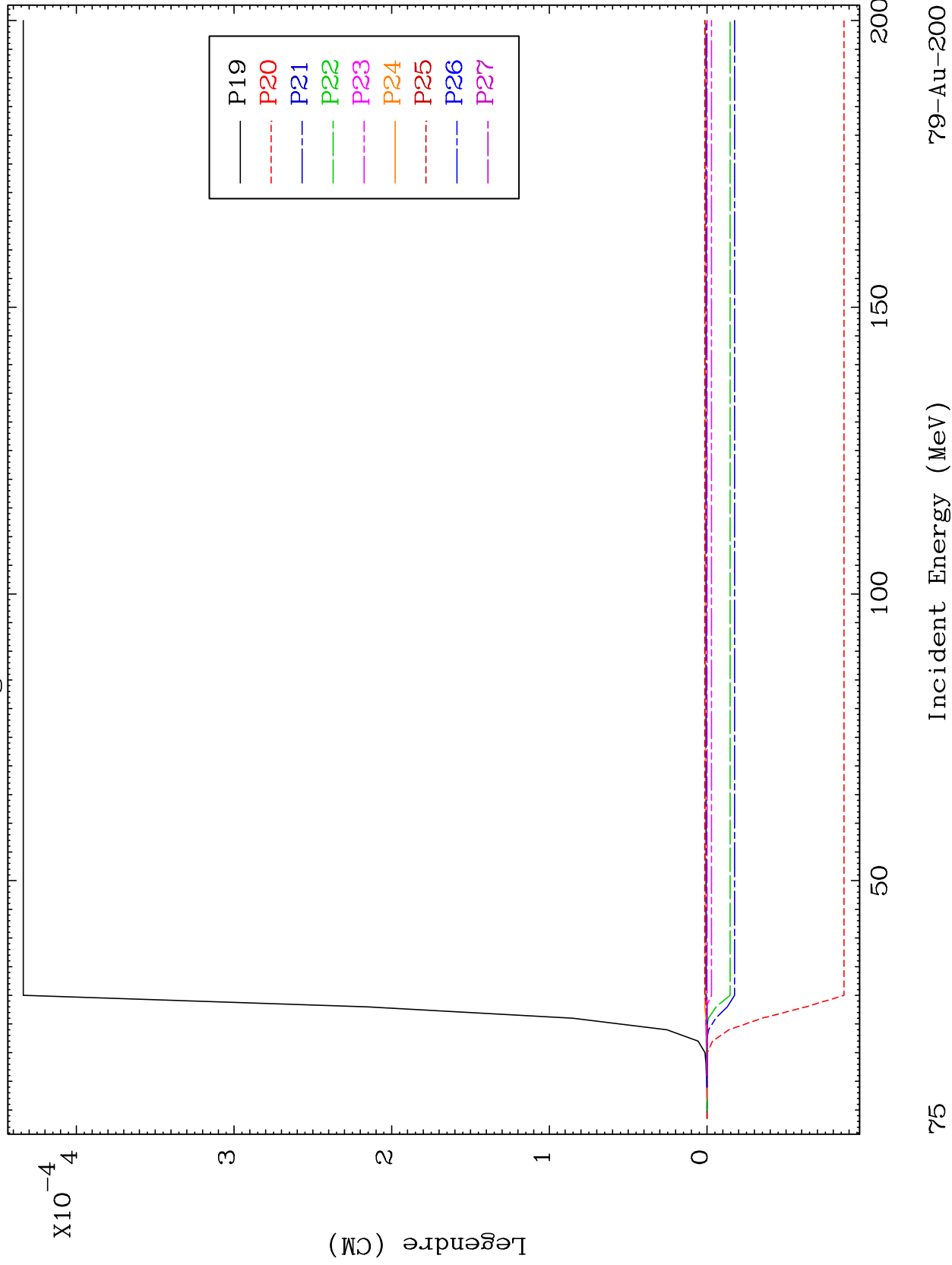
Incident Energy (MeV)

79-Au-200

MAT 7934

975.2 keV (n,n') Level
Legendre Coefficients

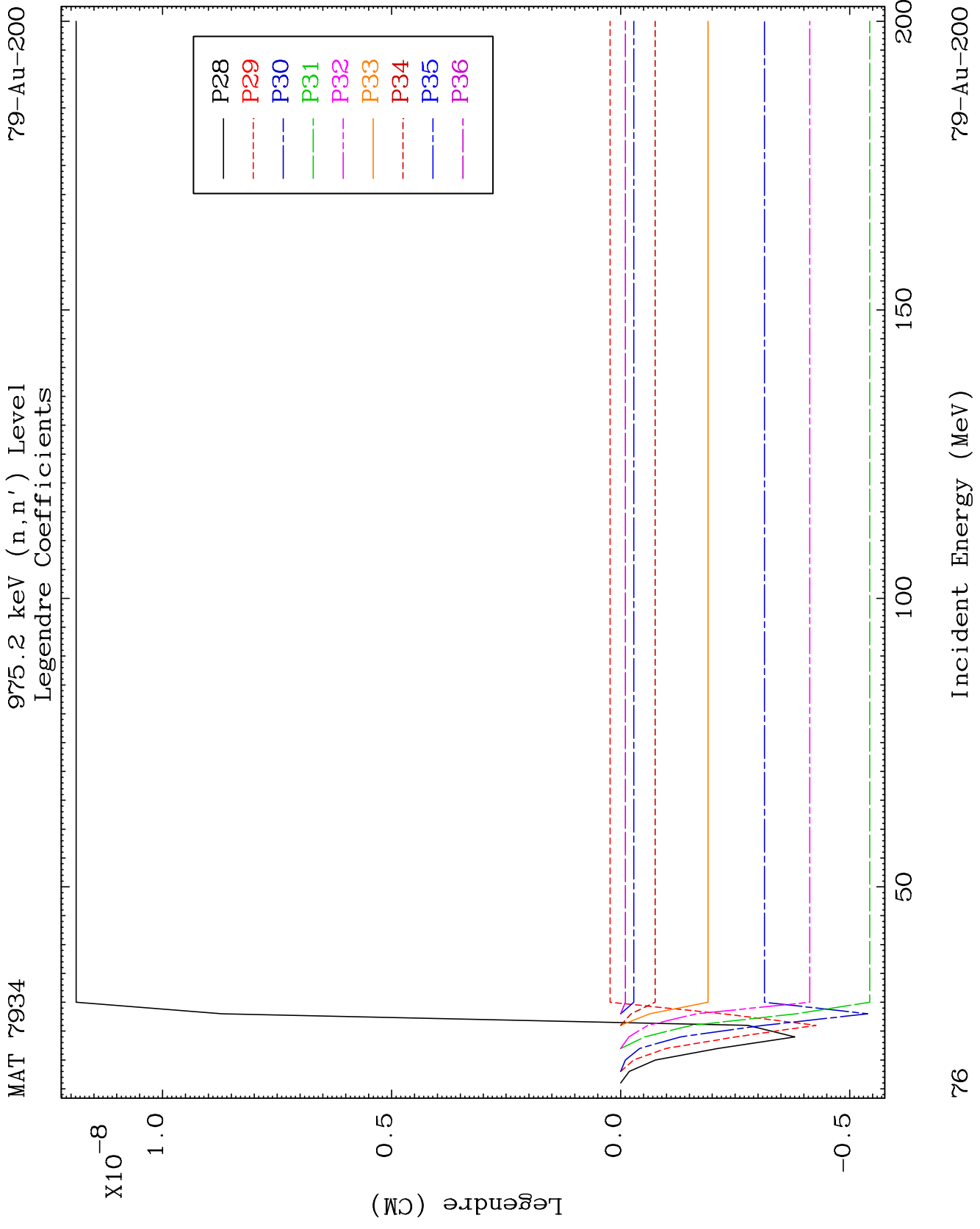
79-Au-200



75

Incident Energy (MeV)

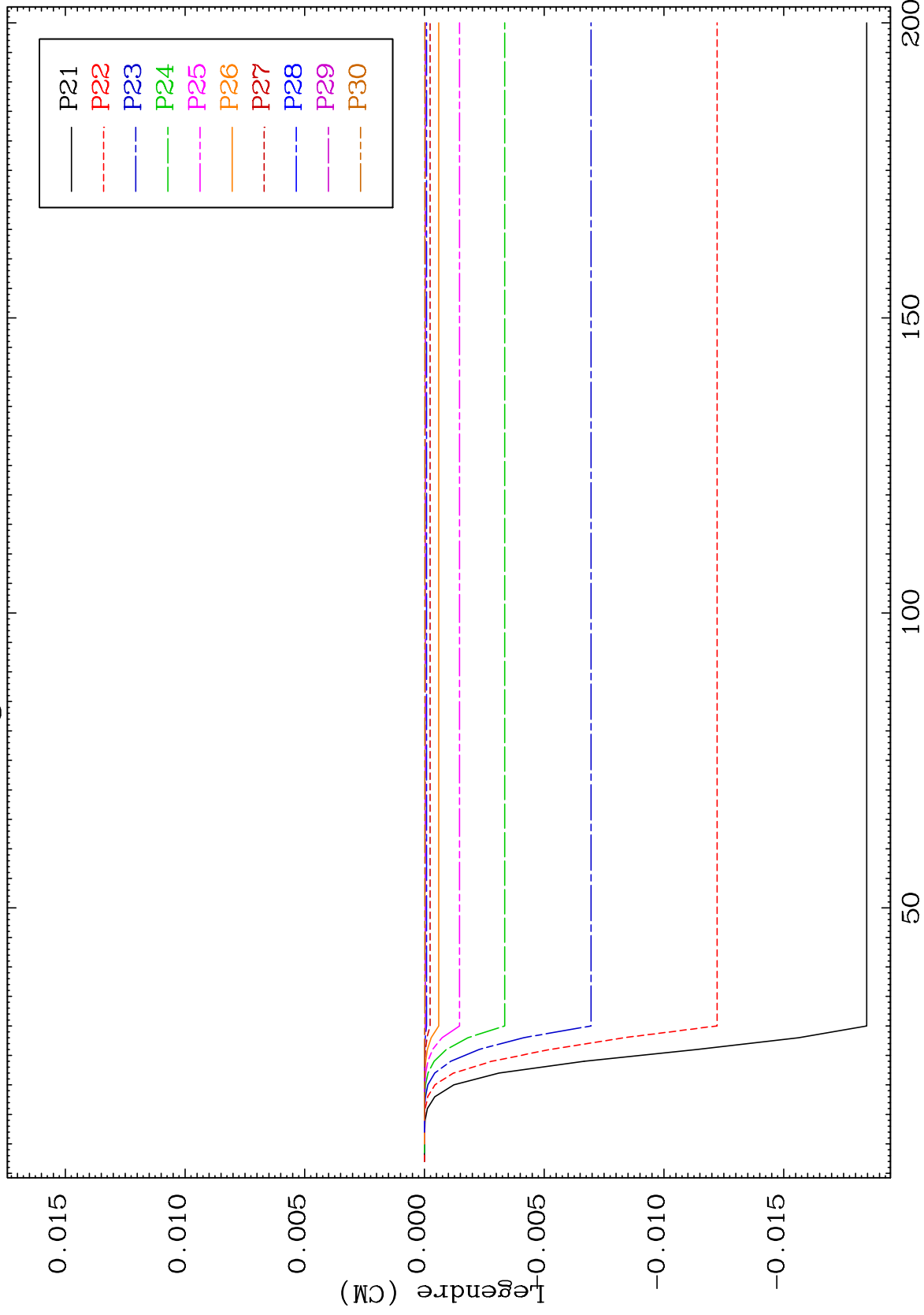
79-Au-200



MAT 7934

977.9 keV (n,n') Level
Legendre Coefficients

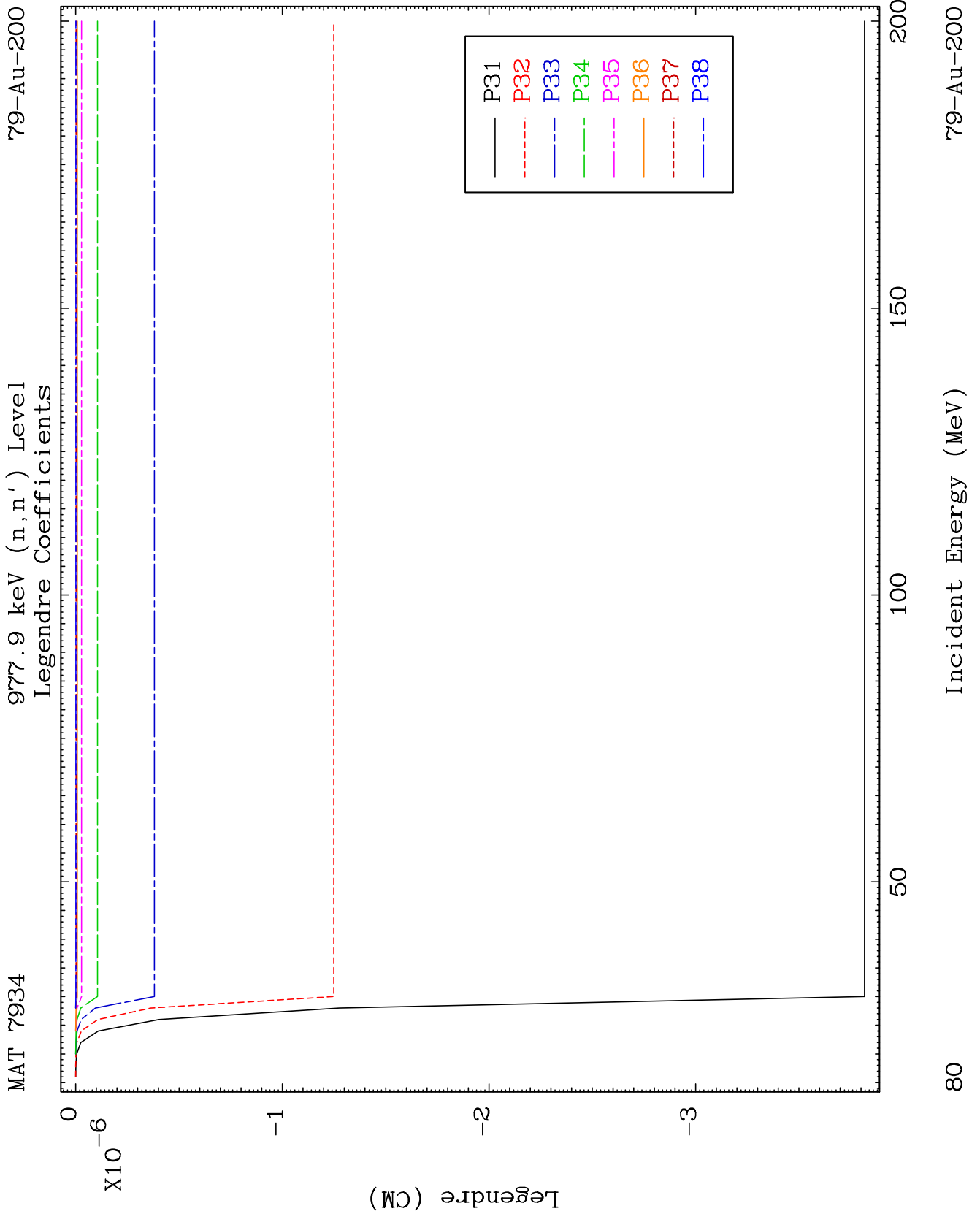
79-Au-200

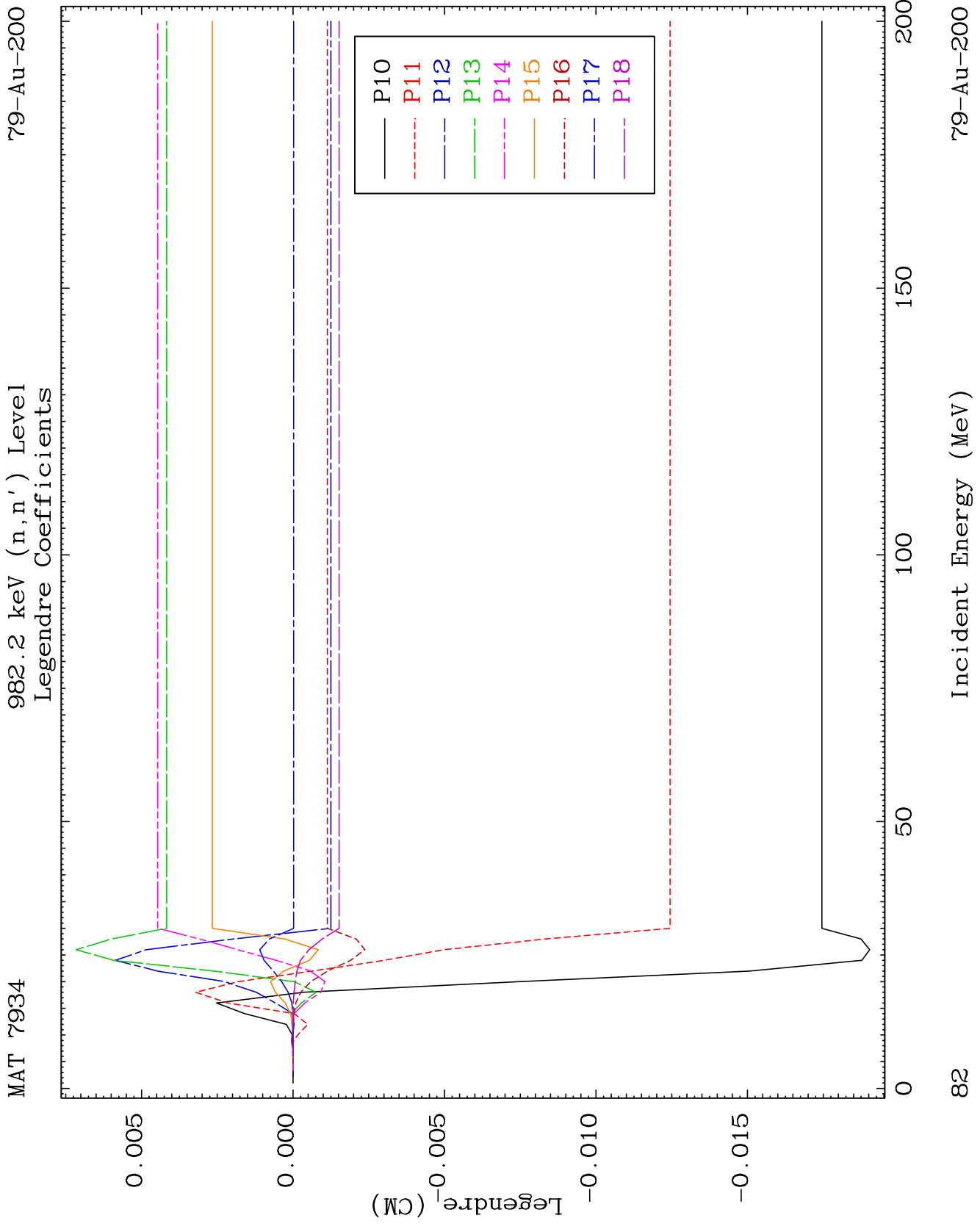


79

Incident Energy (MeV)

79-Au-200

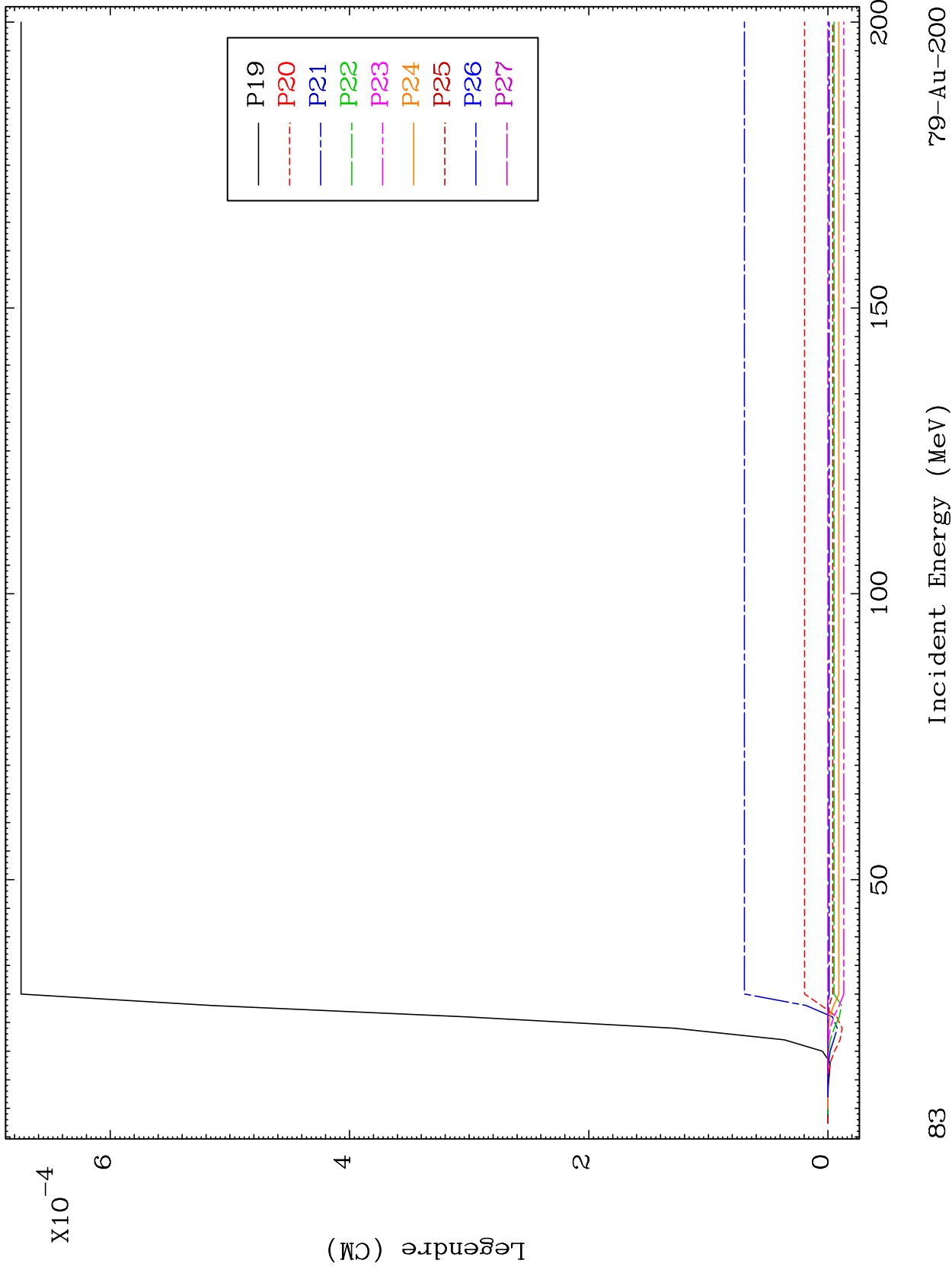


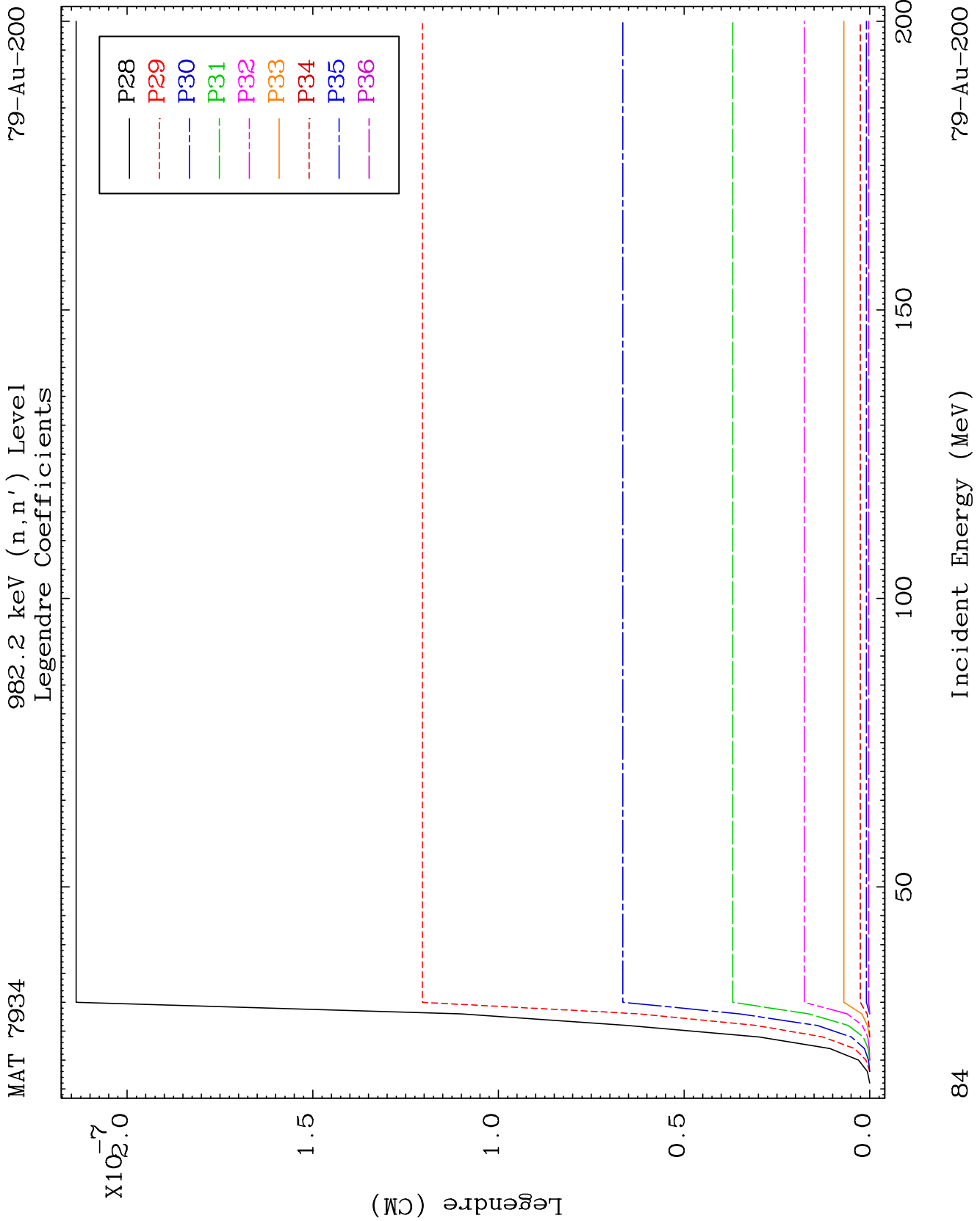


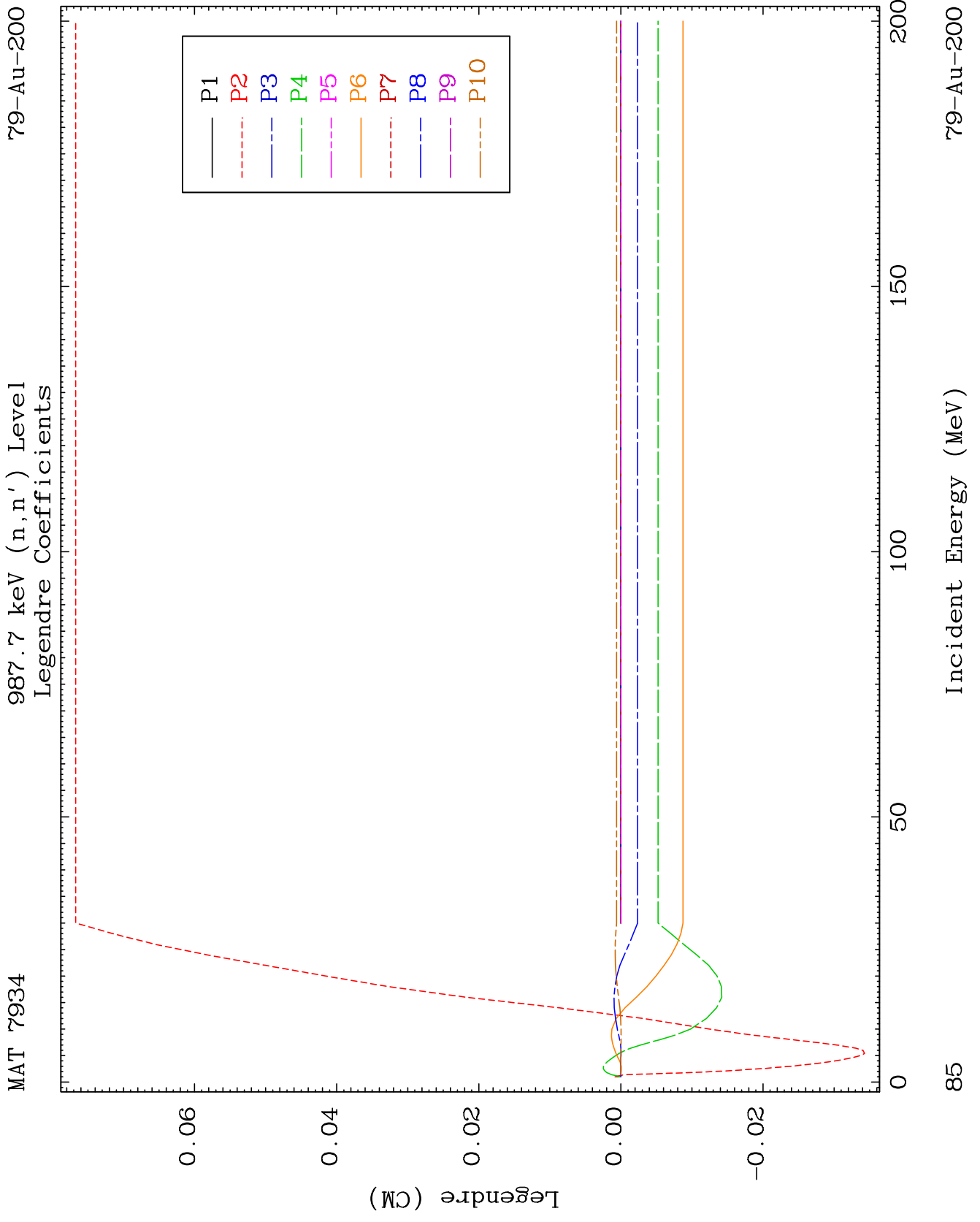
MAT 7934

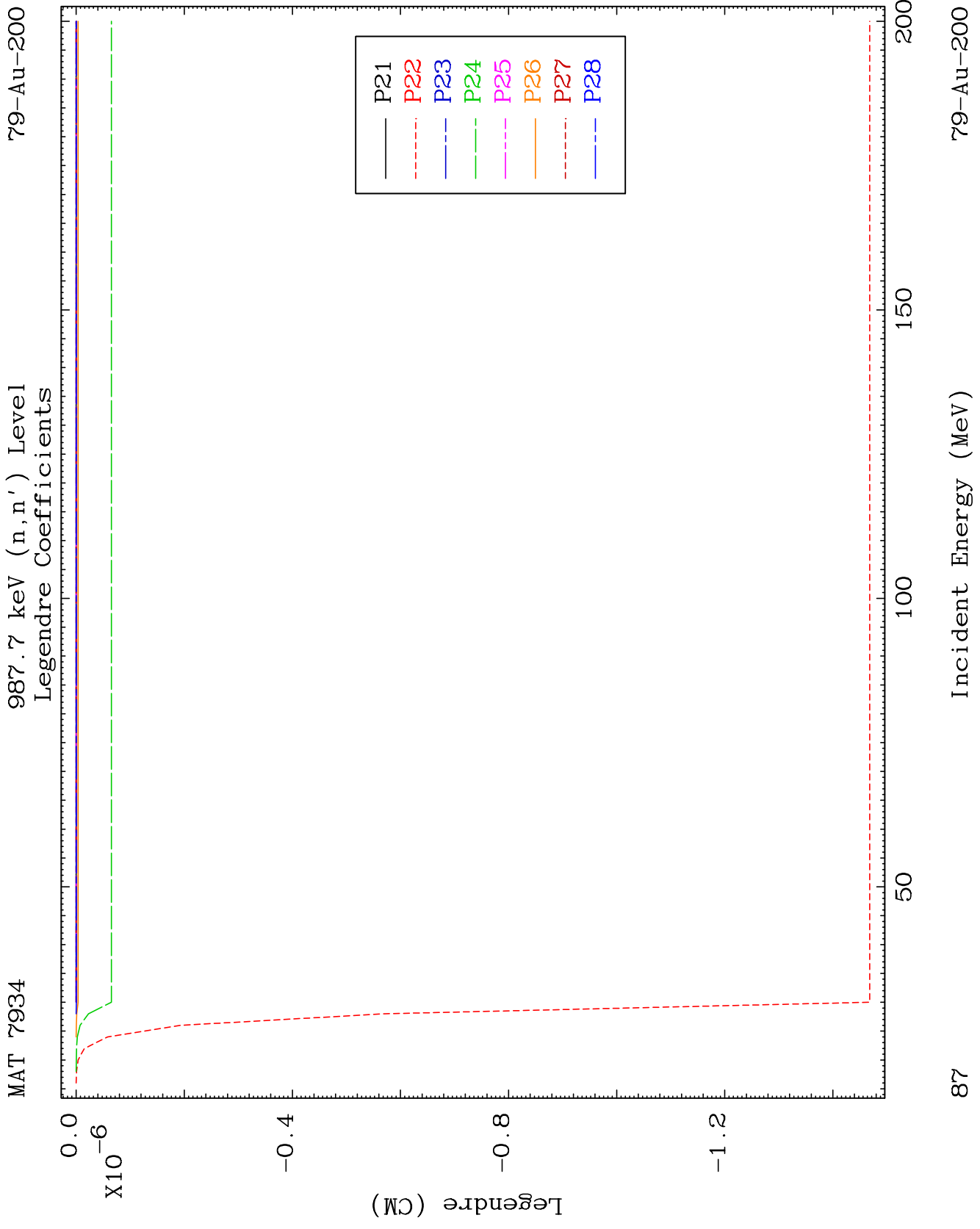
982.2 keV (n,n') Level
Legendre Coefficients

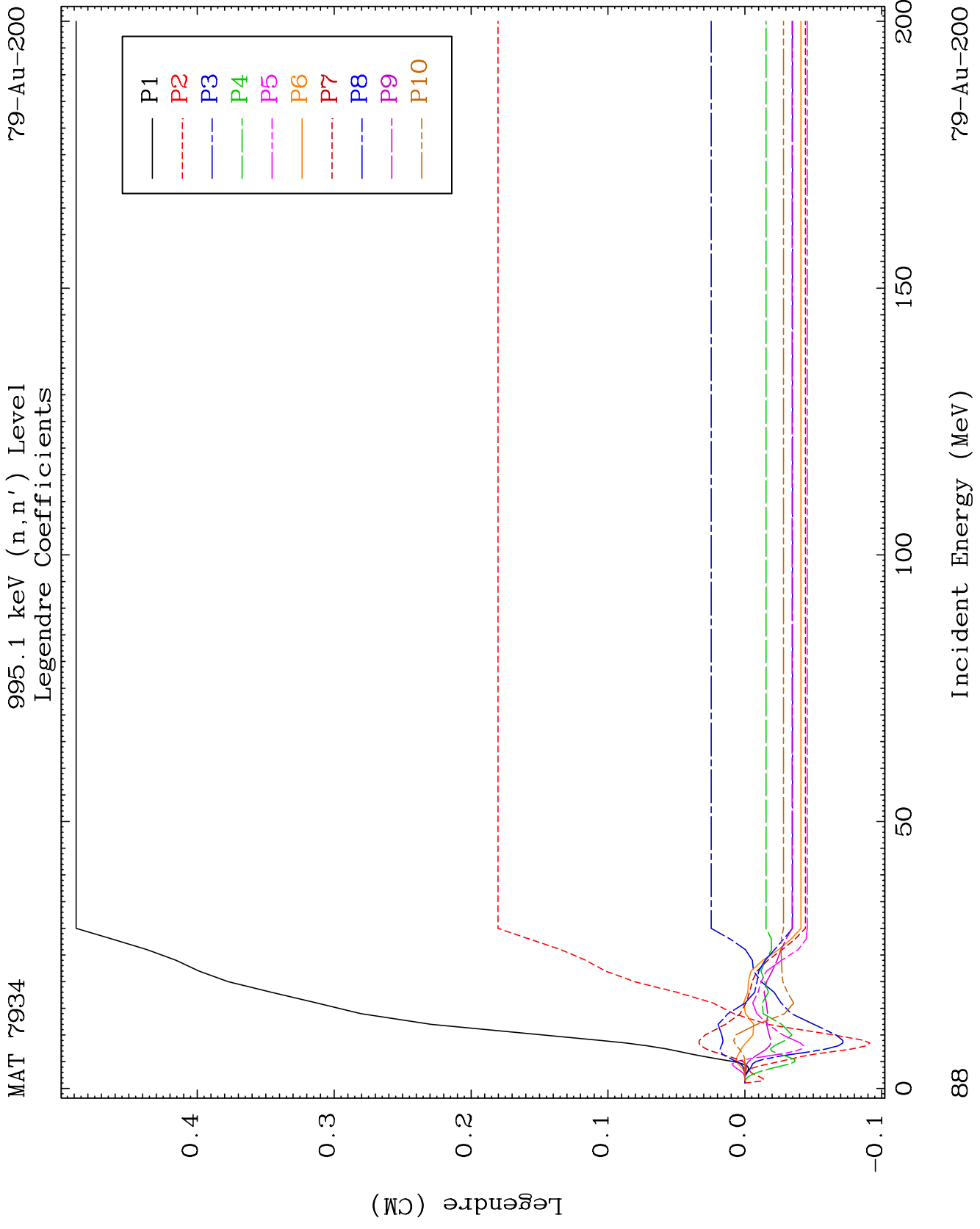
79-Au-200







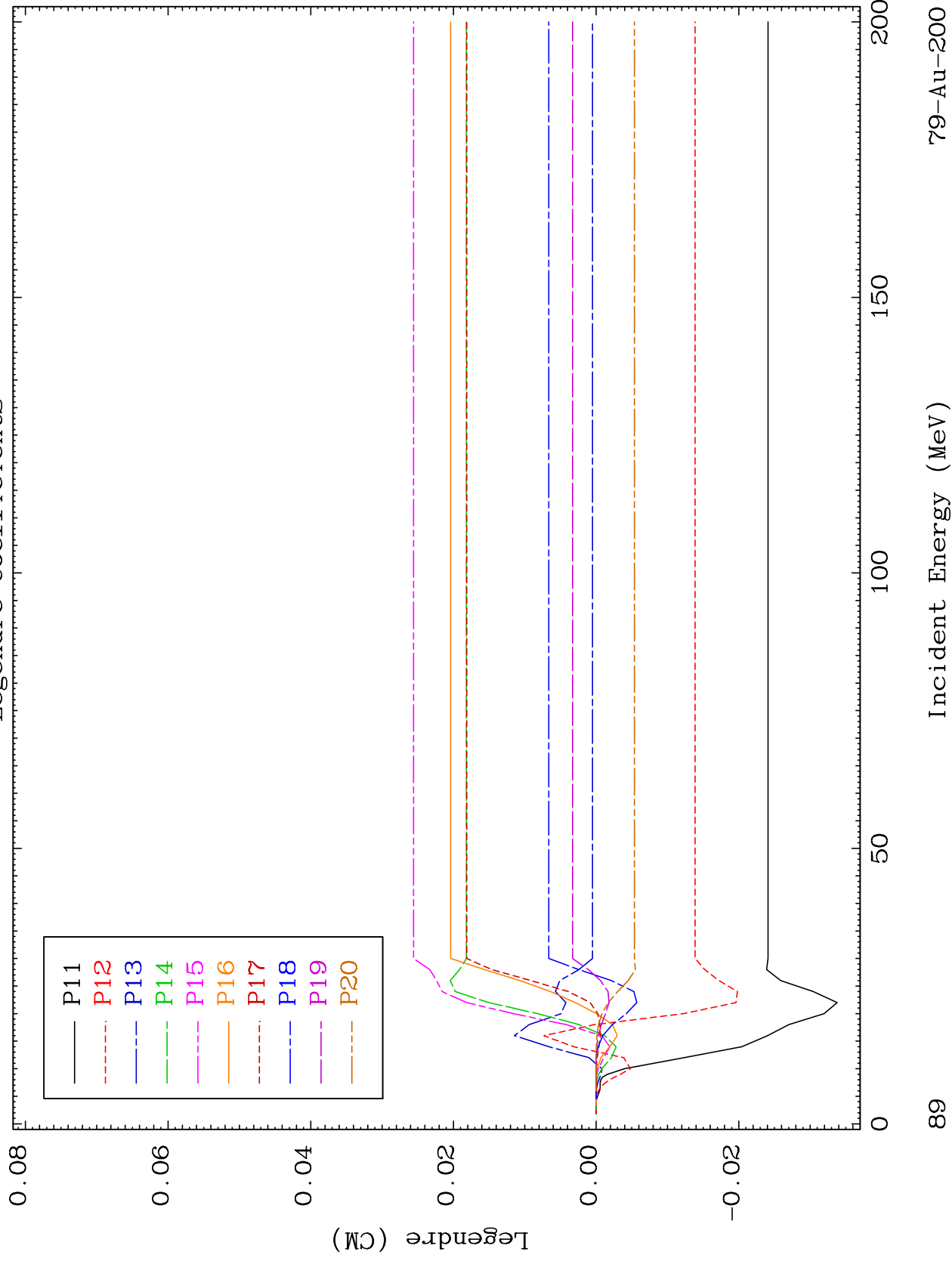




MAT 7934

995.1 keV (n,n') Level
Legendre Coefficients

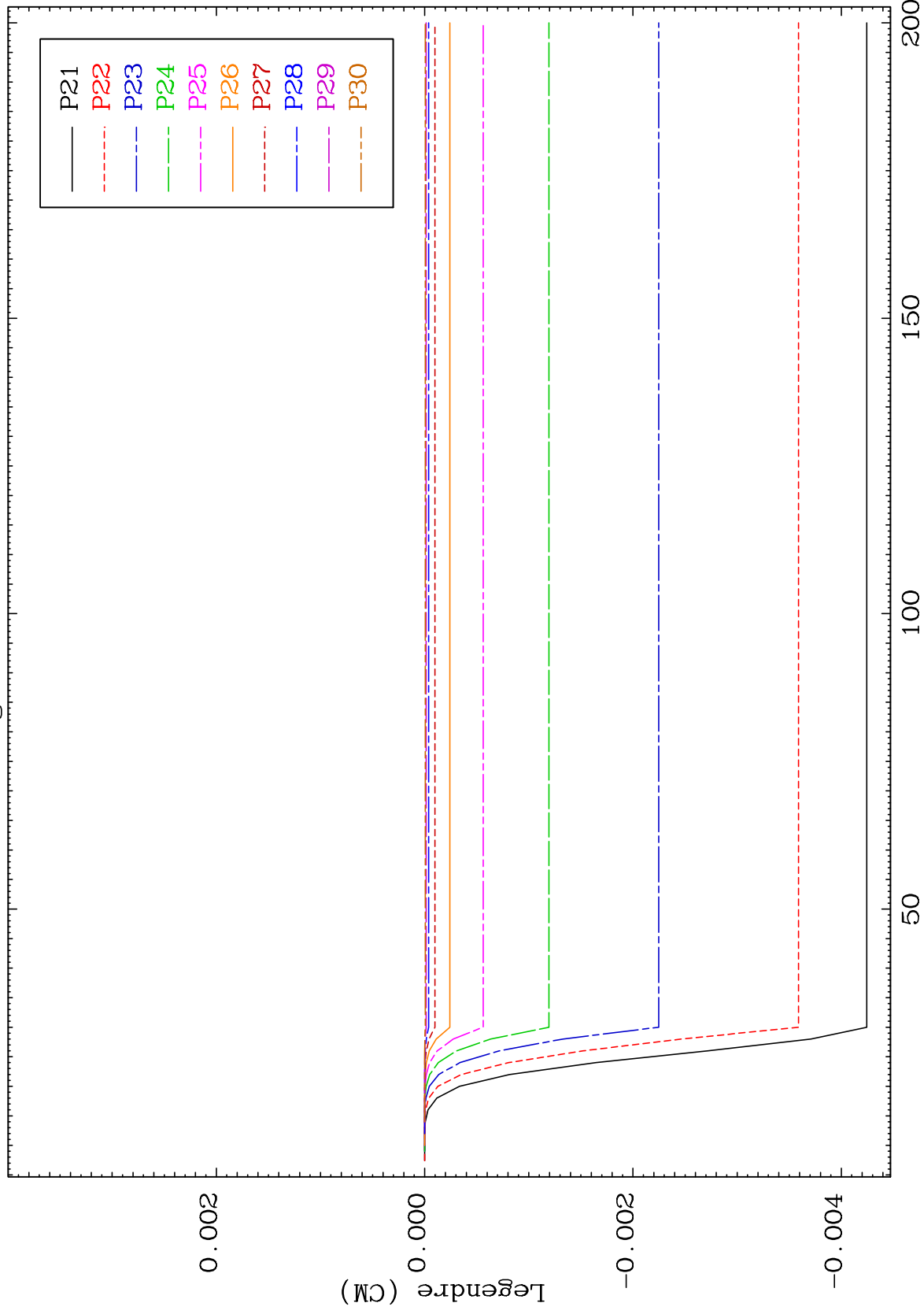
79-Au-200



MAT 7934

995.1 keV (n,n') Level
Legendre Coefficients

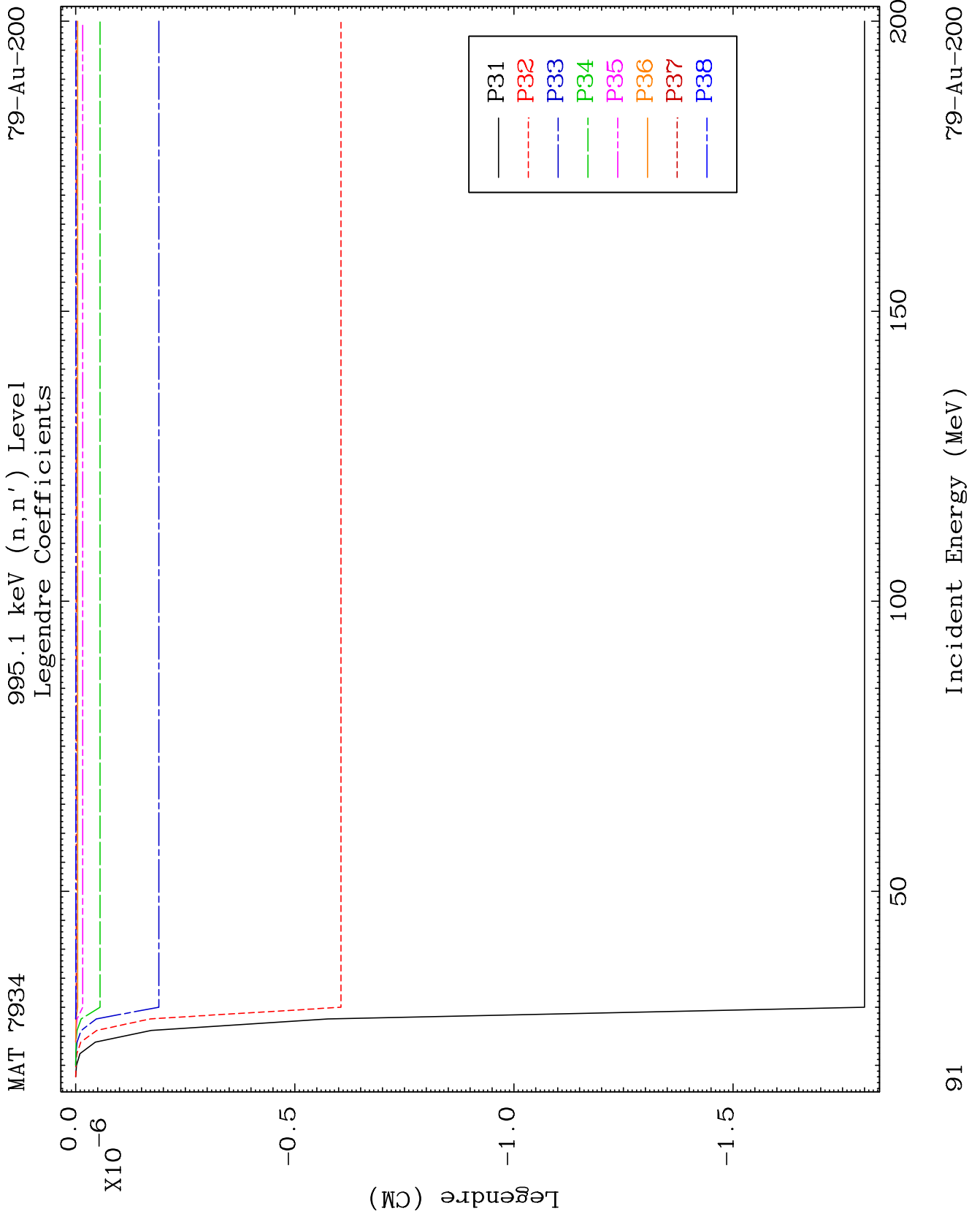
79-Au-200

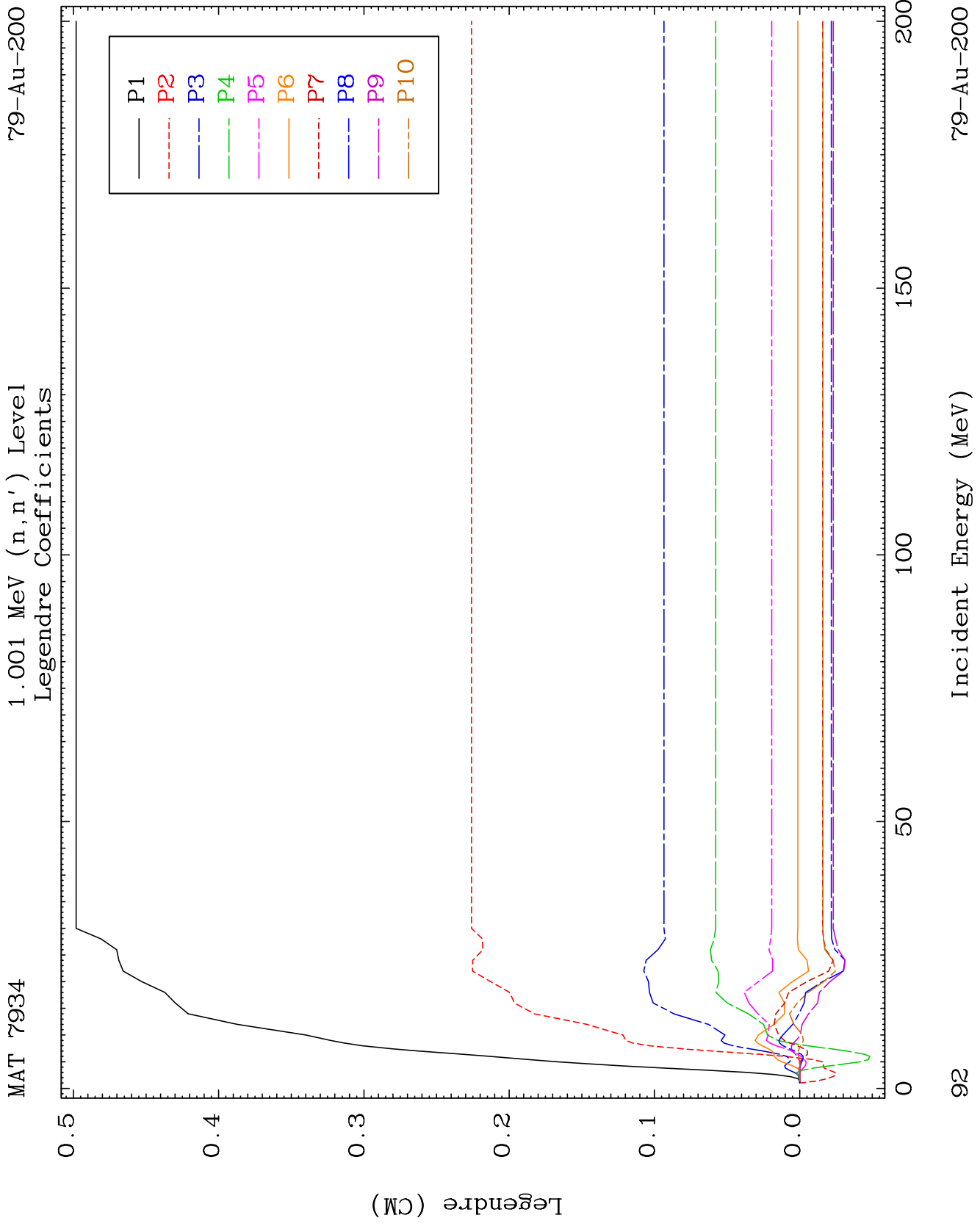


90

Incident Energy (MeV)

79-Au-200

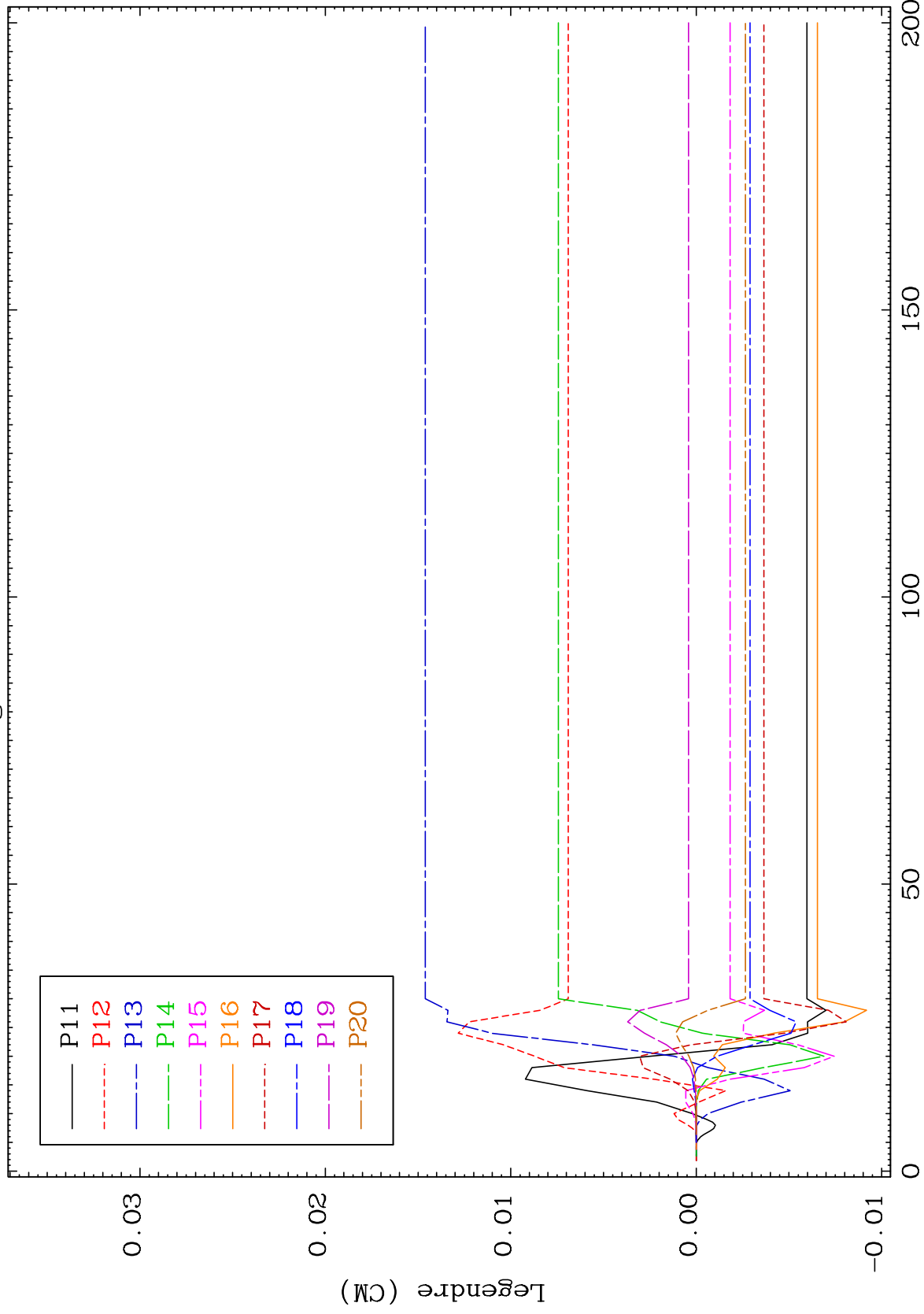




MAT 7934

1.001 MeV (n,n') Level
Legendre Coefficients

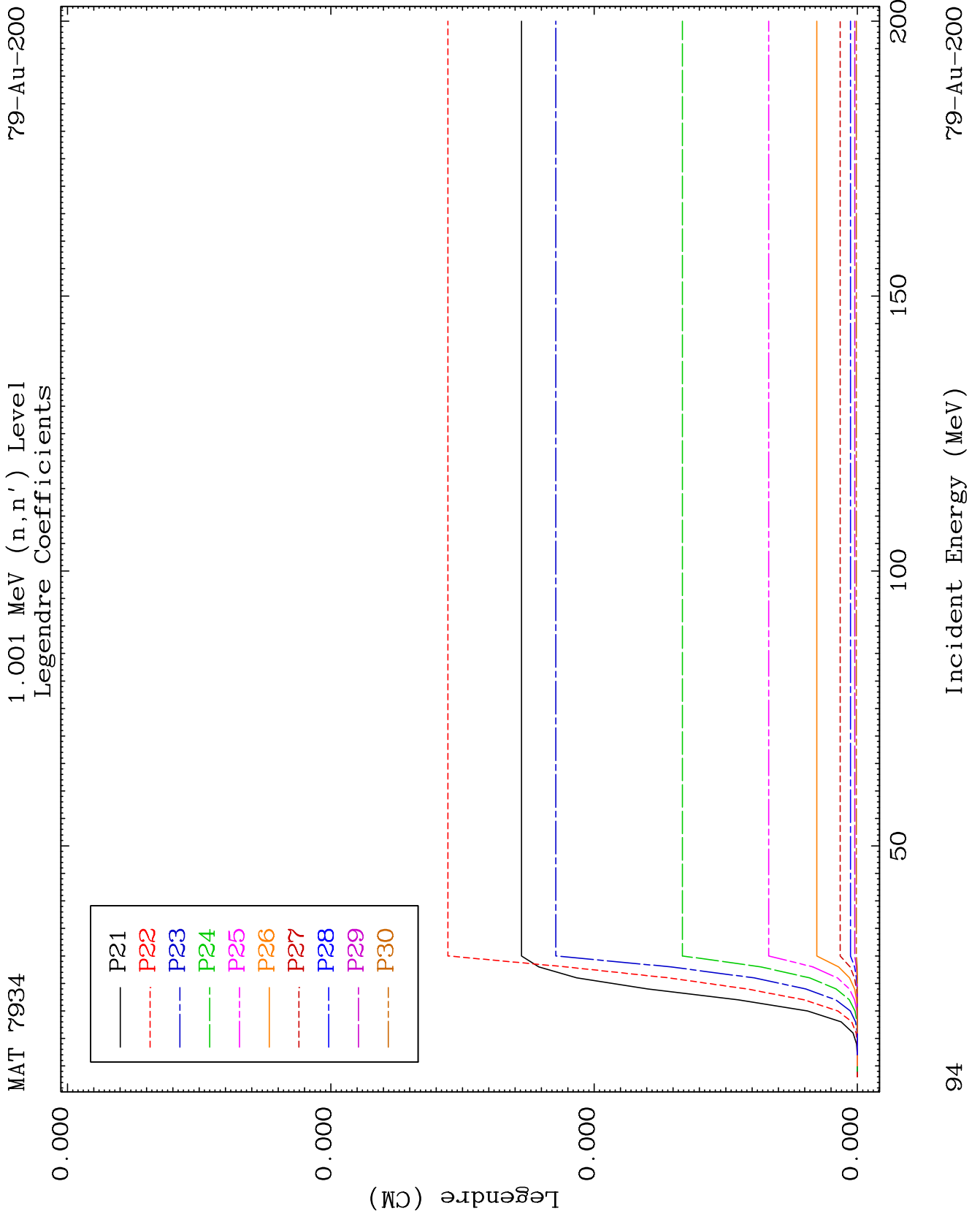
79-Au-200

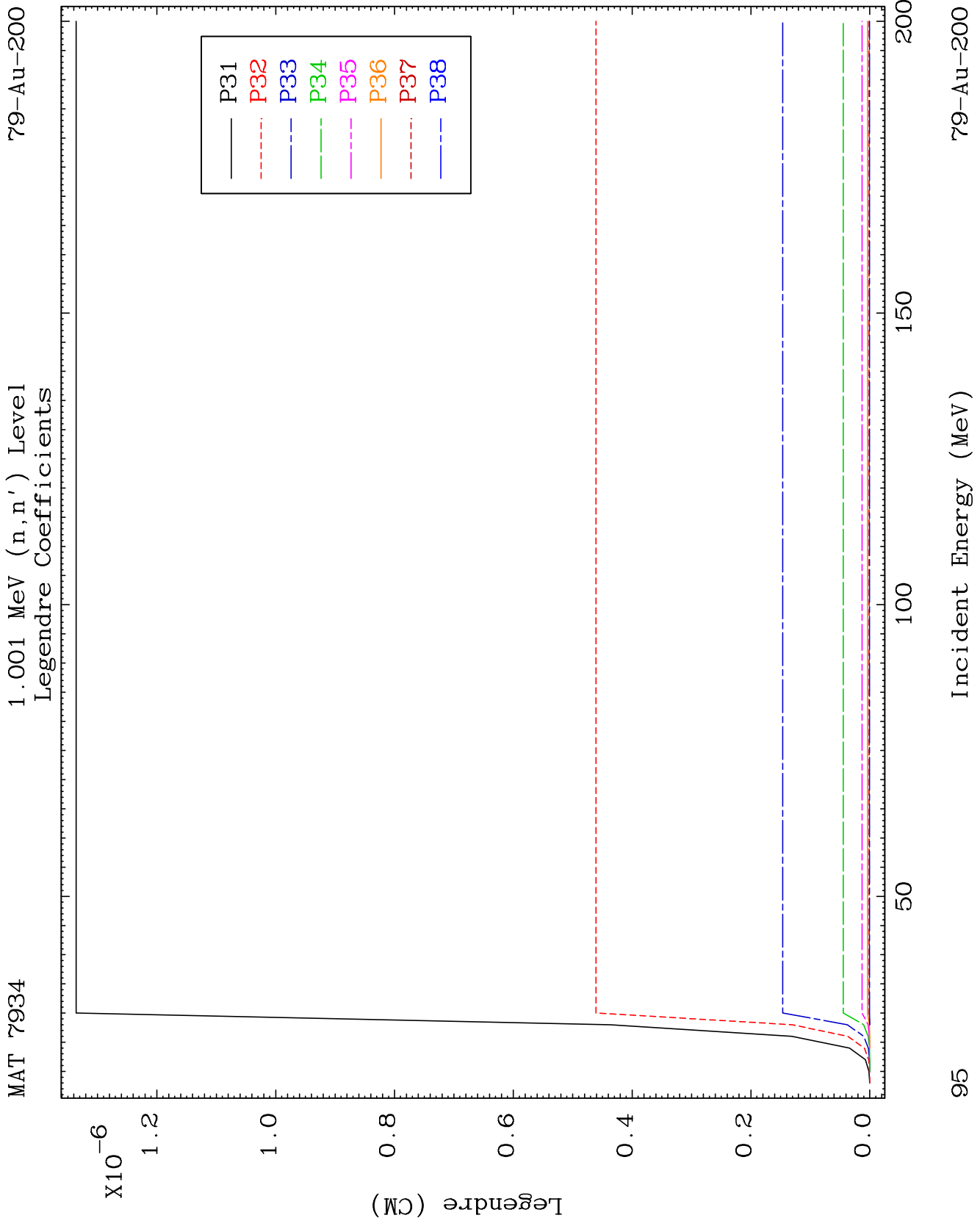


93

Incident Energy (MeV)

79-Au-200

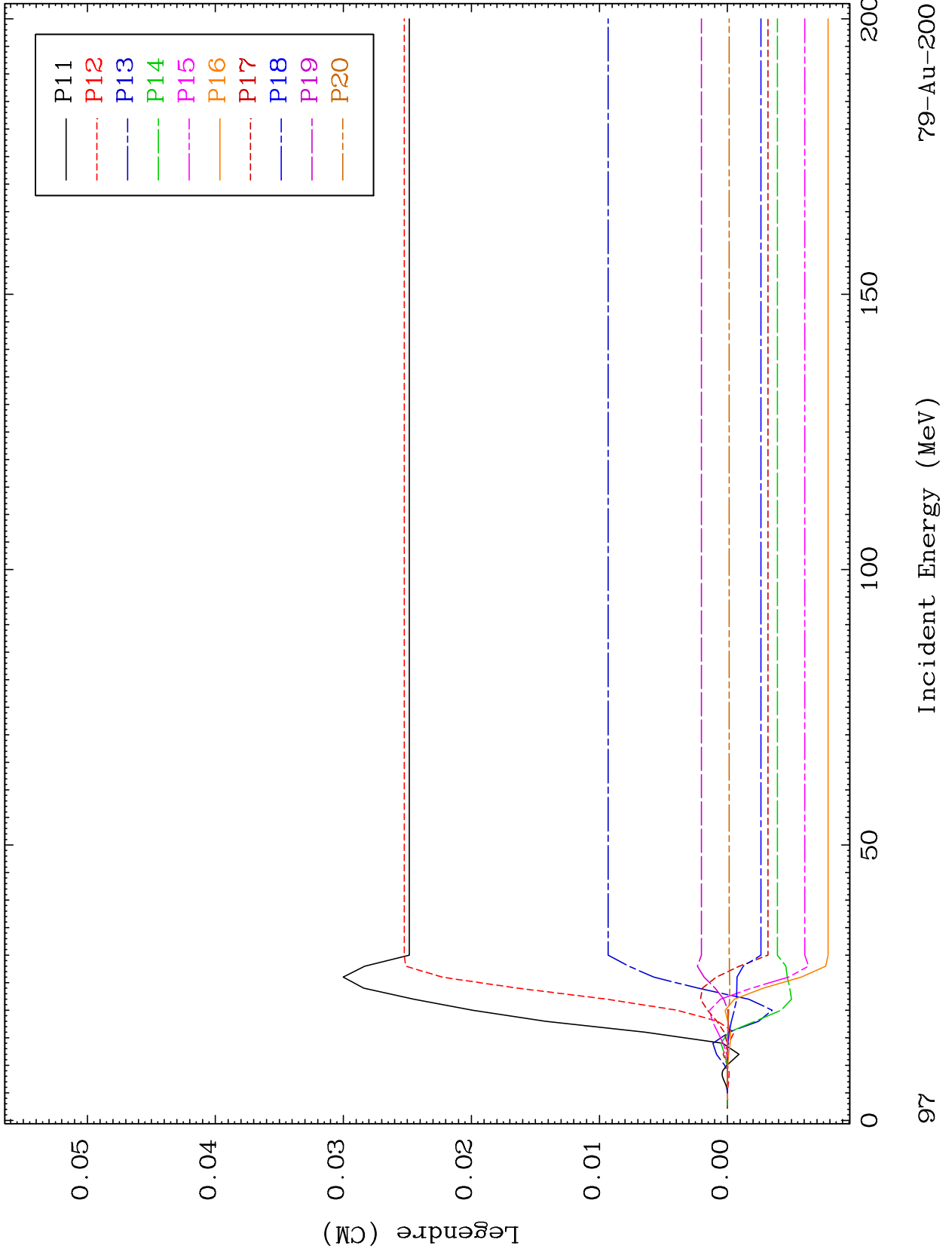




MAT 7934

1.003 MeV (n,n') Level
Legendre Coefficients

79-Au-200



97

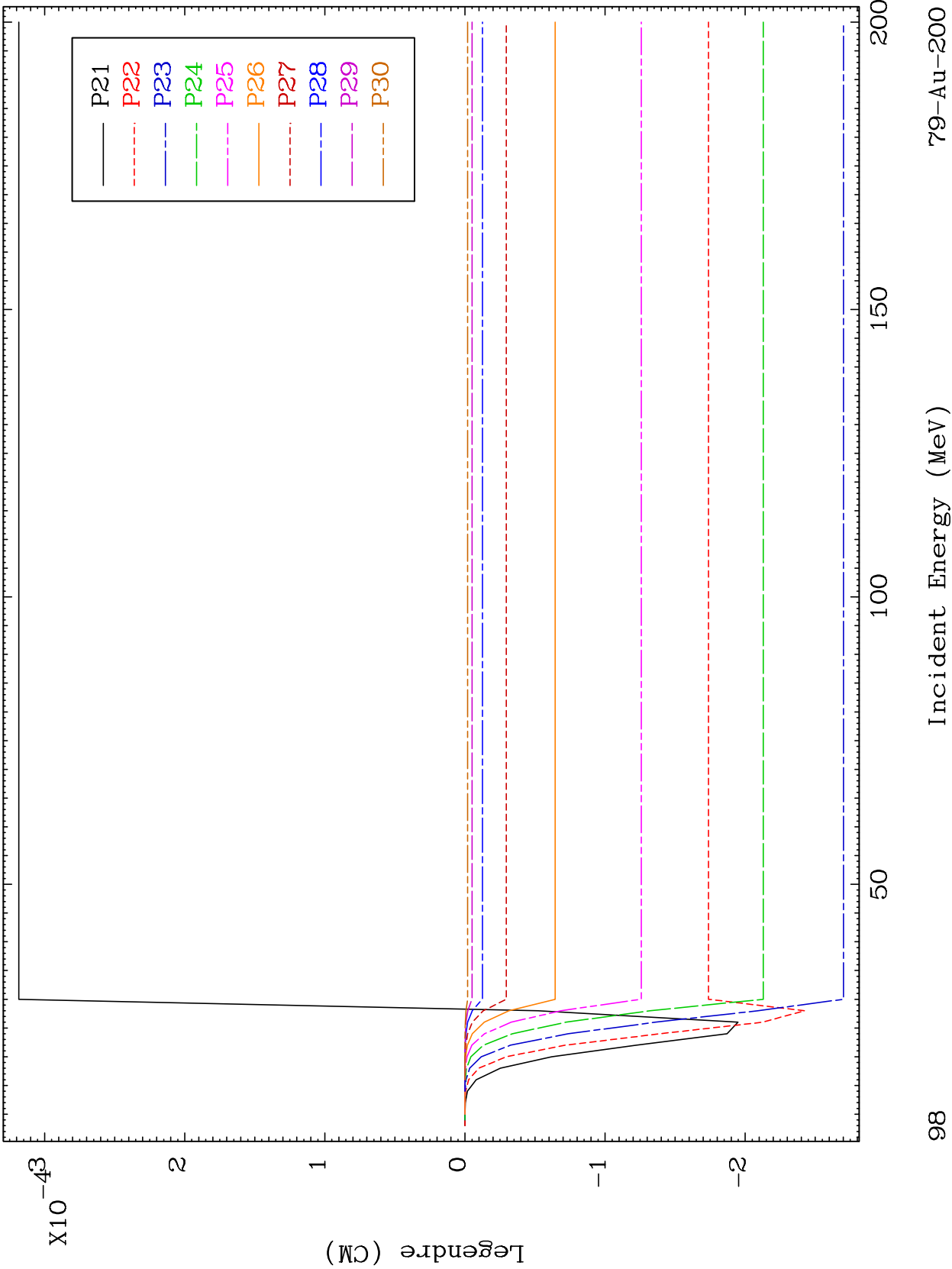
Incident Energy (MeV)

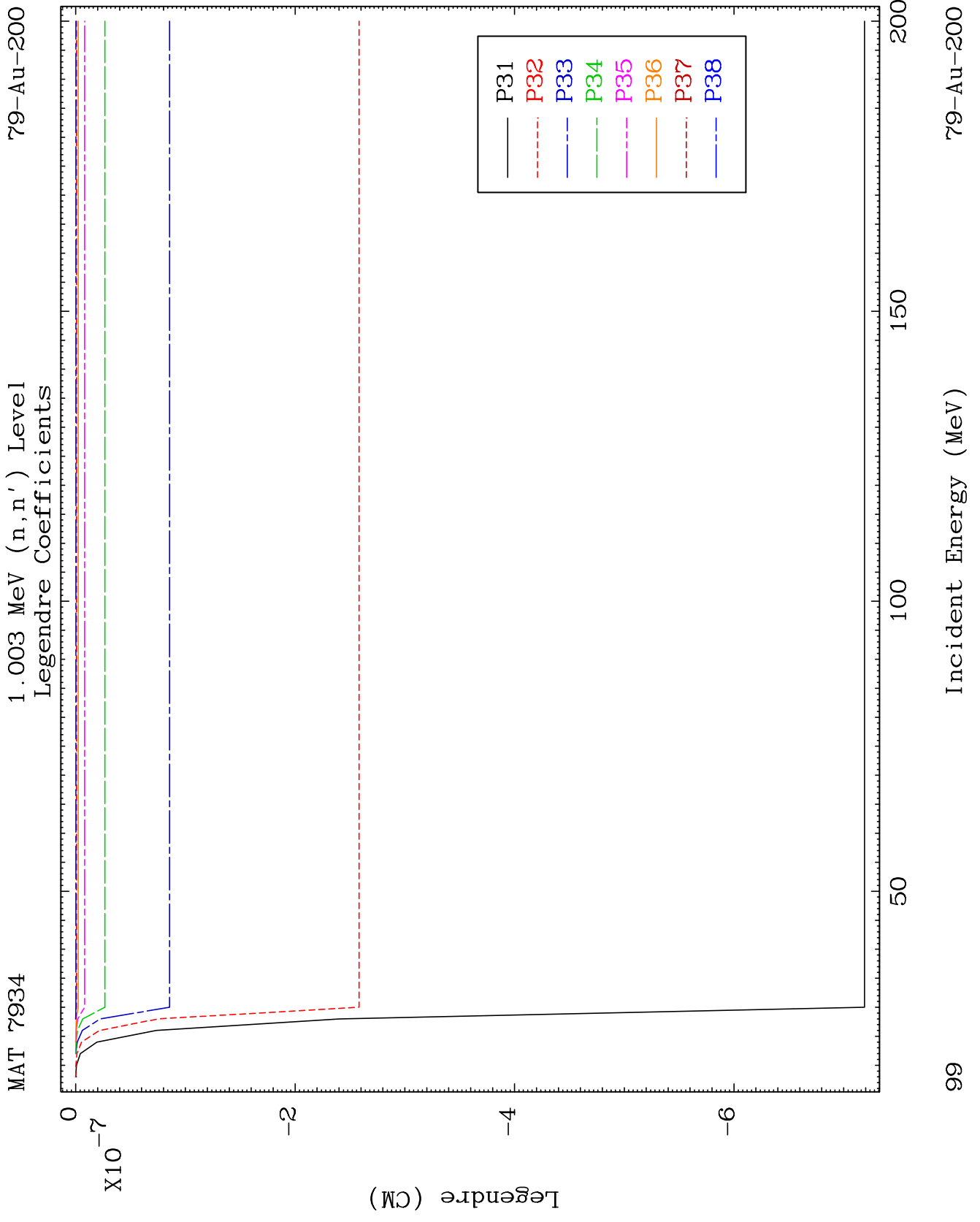
79-Au-200

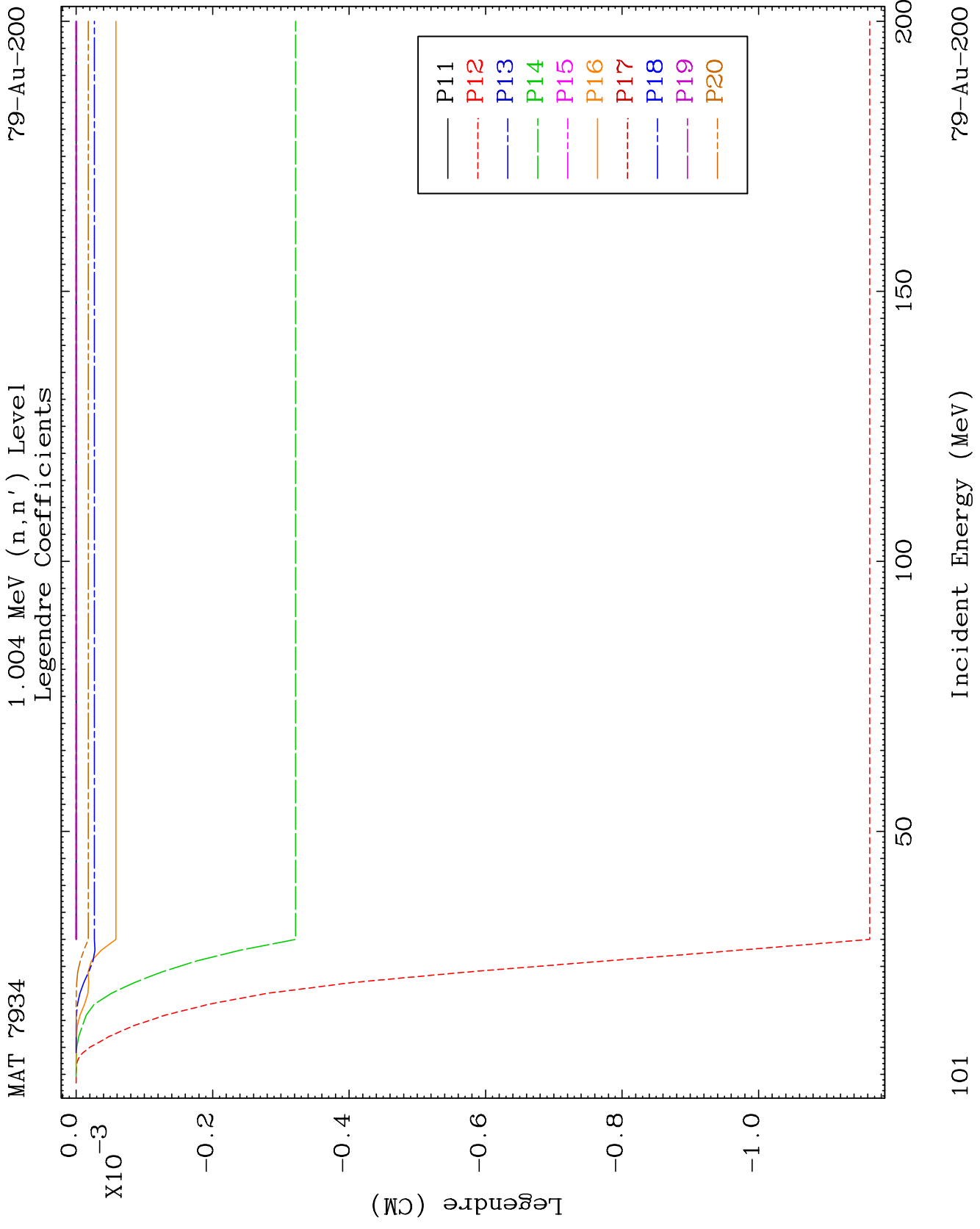
MAT 7934

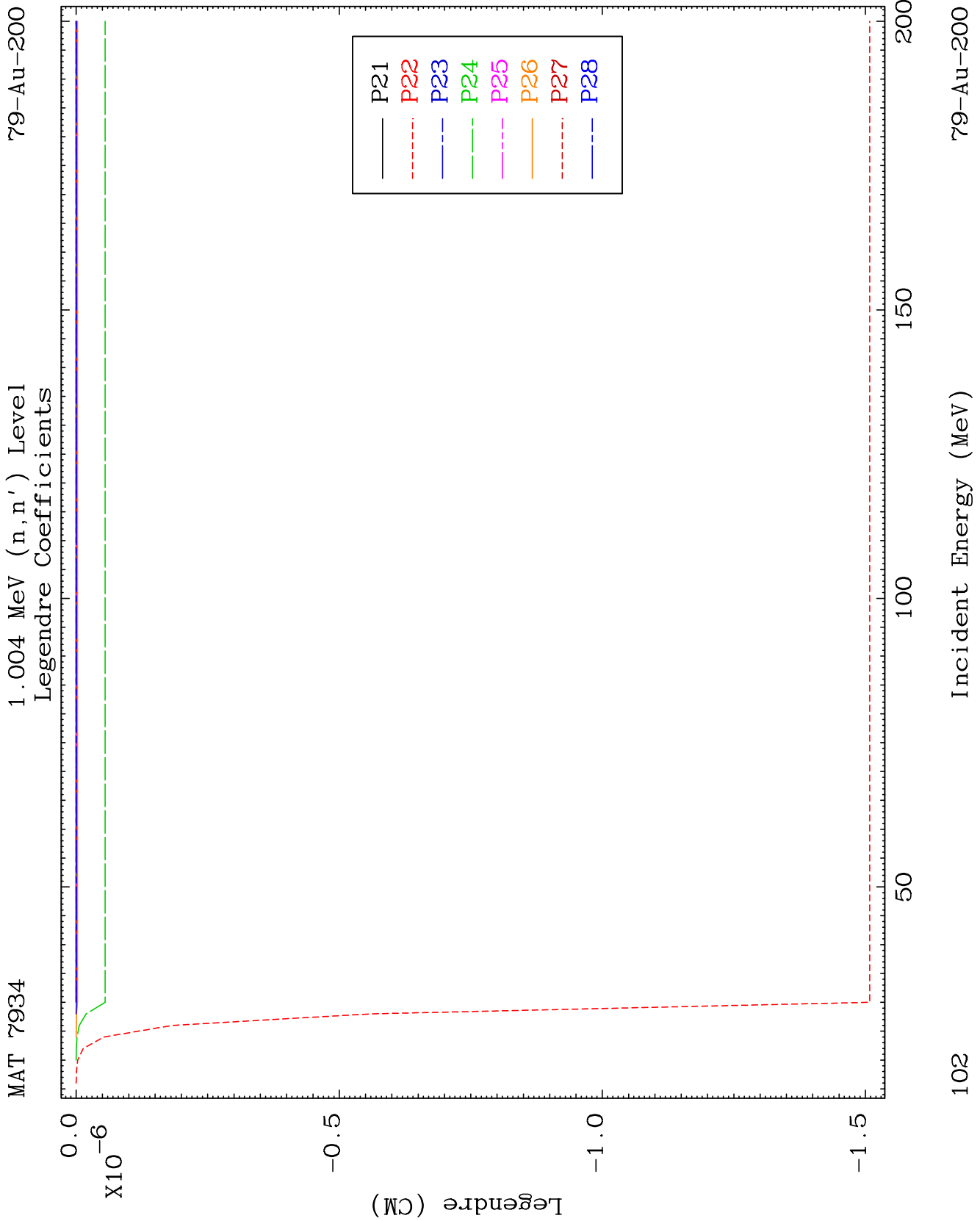
1.003 MeV (n,n') Level
Legendre Coefficients

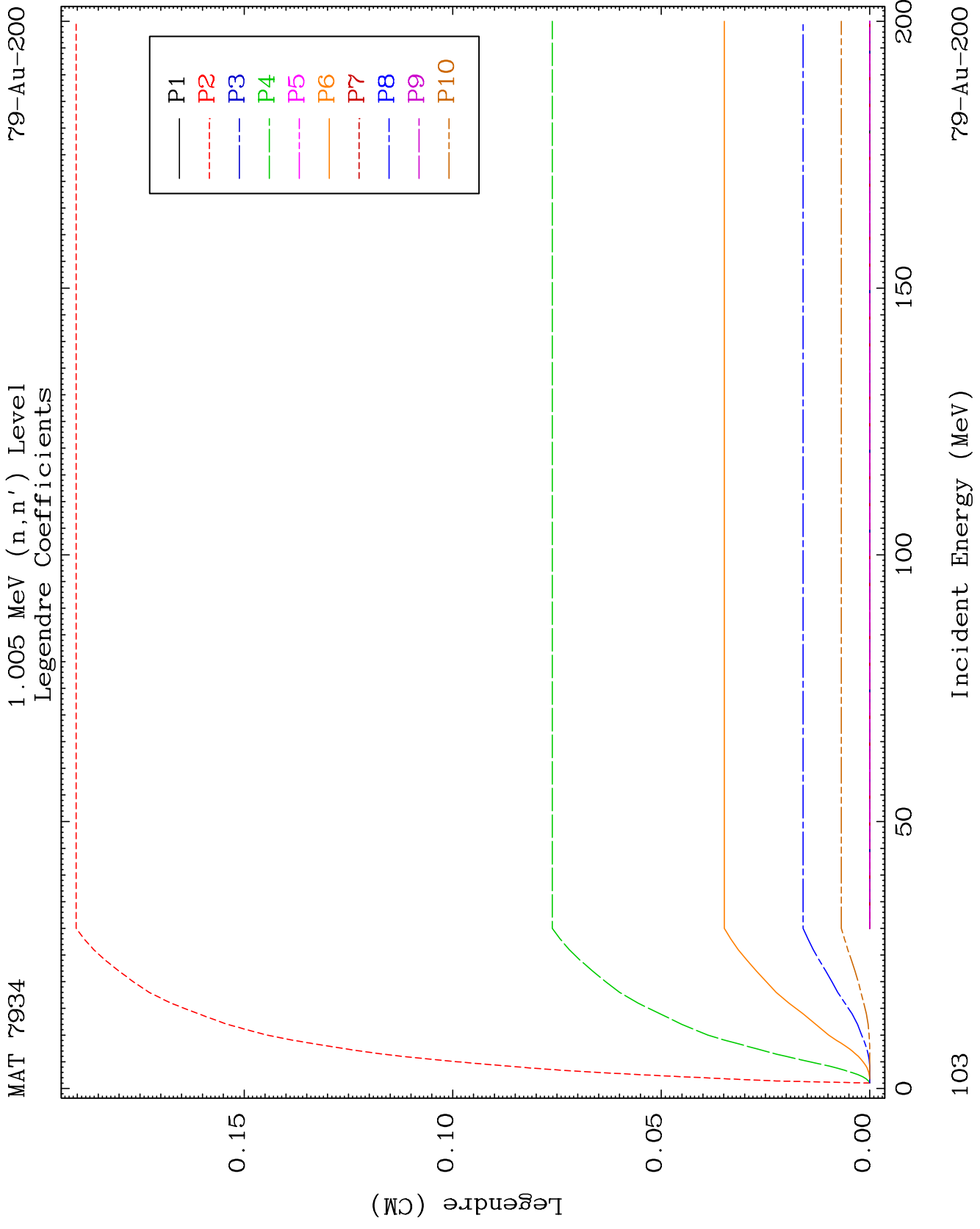
79-Au-200

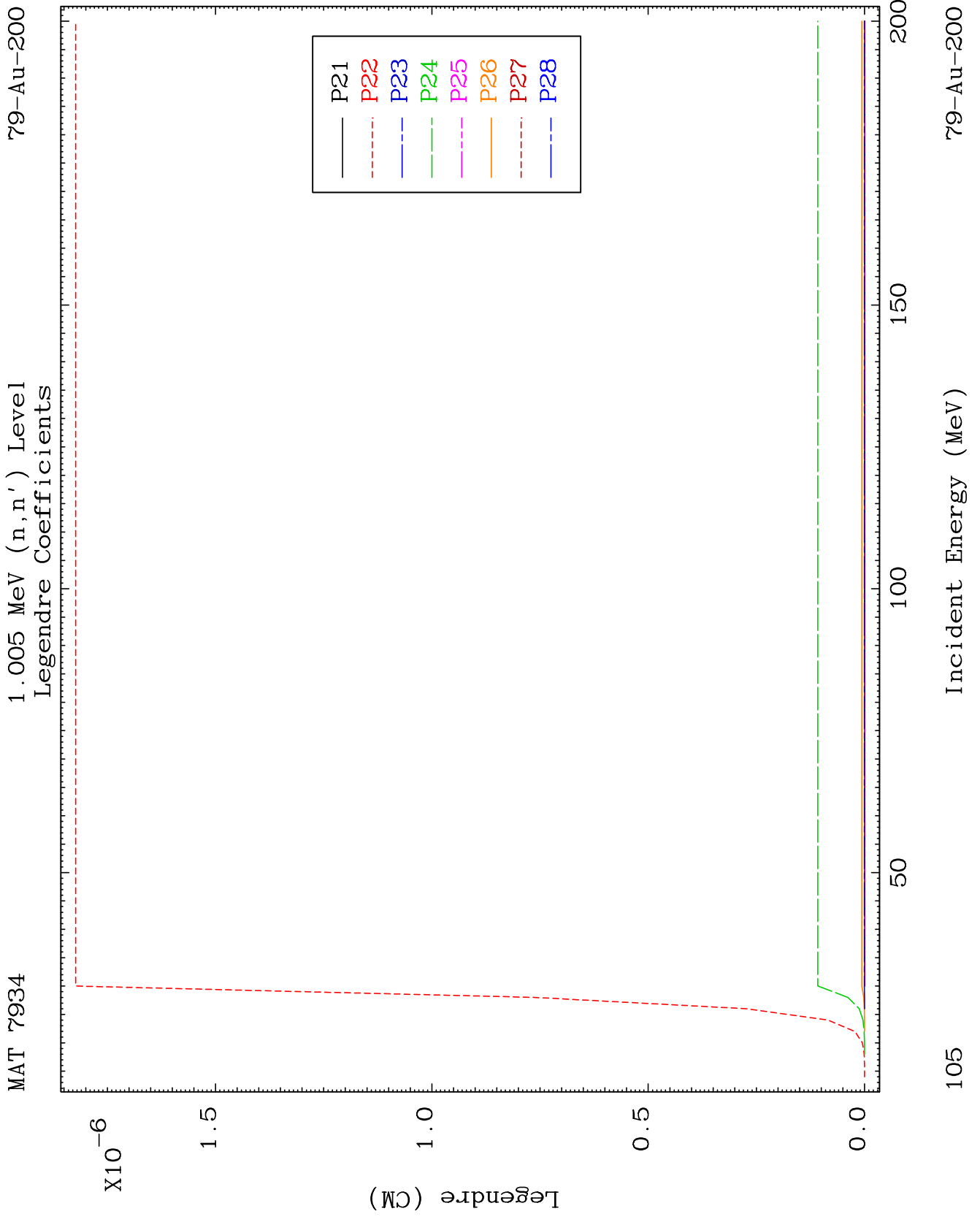








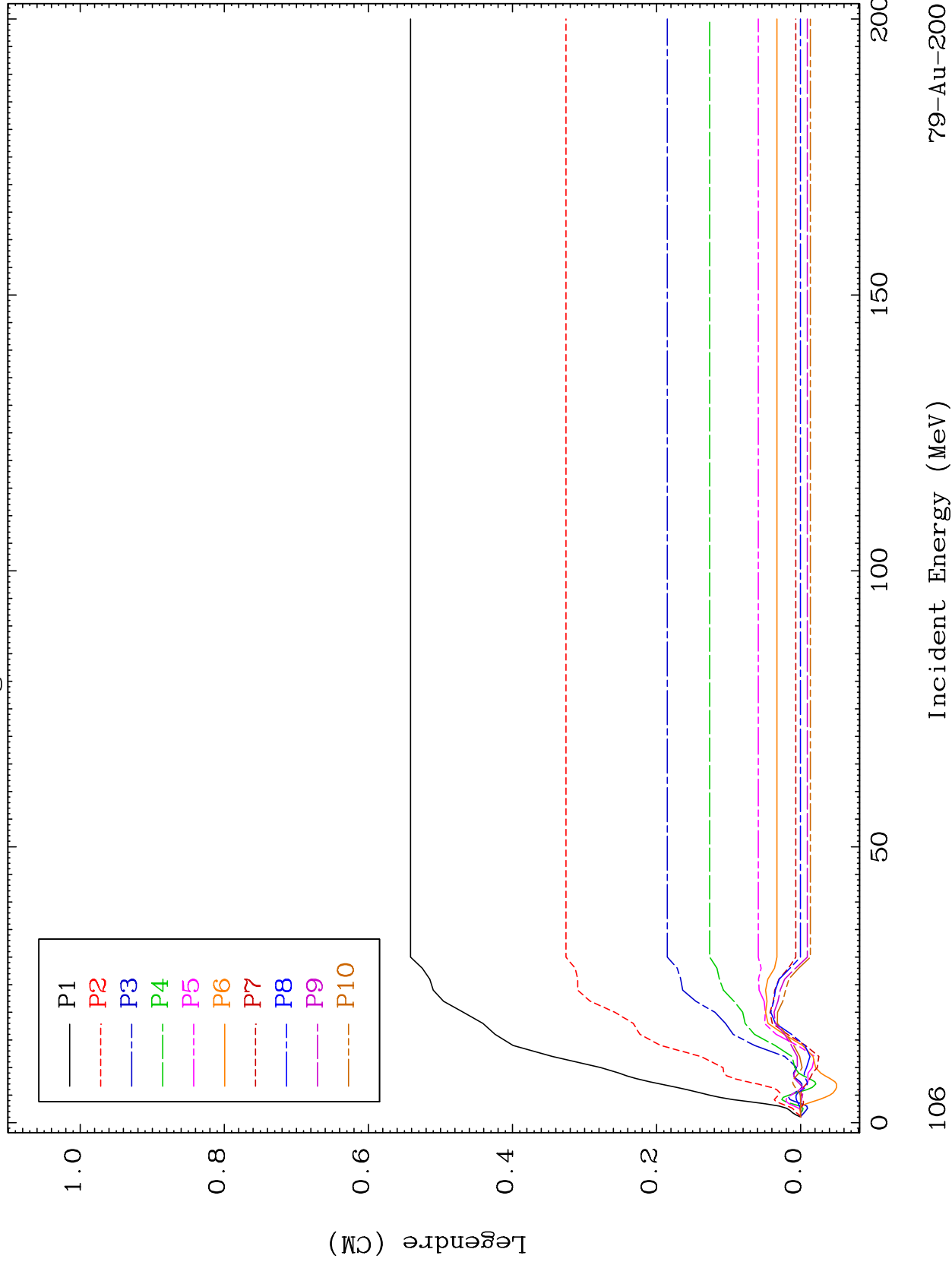




MAT 7934

1.010 MeV (n,n') Level
Legendre Coefficients

79-Au-200



106

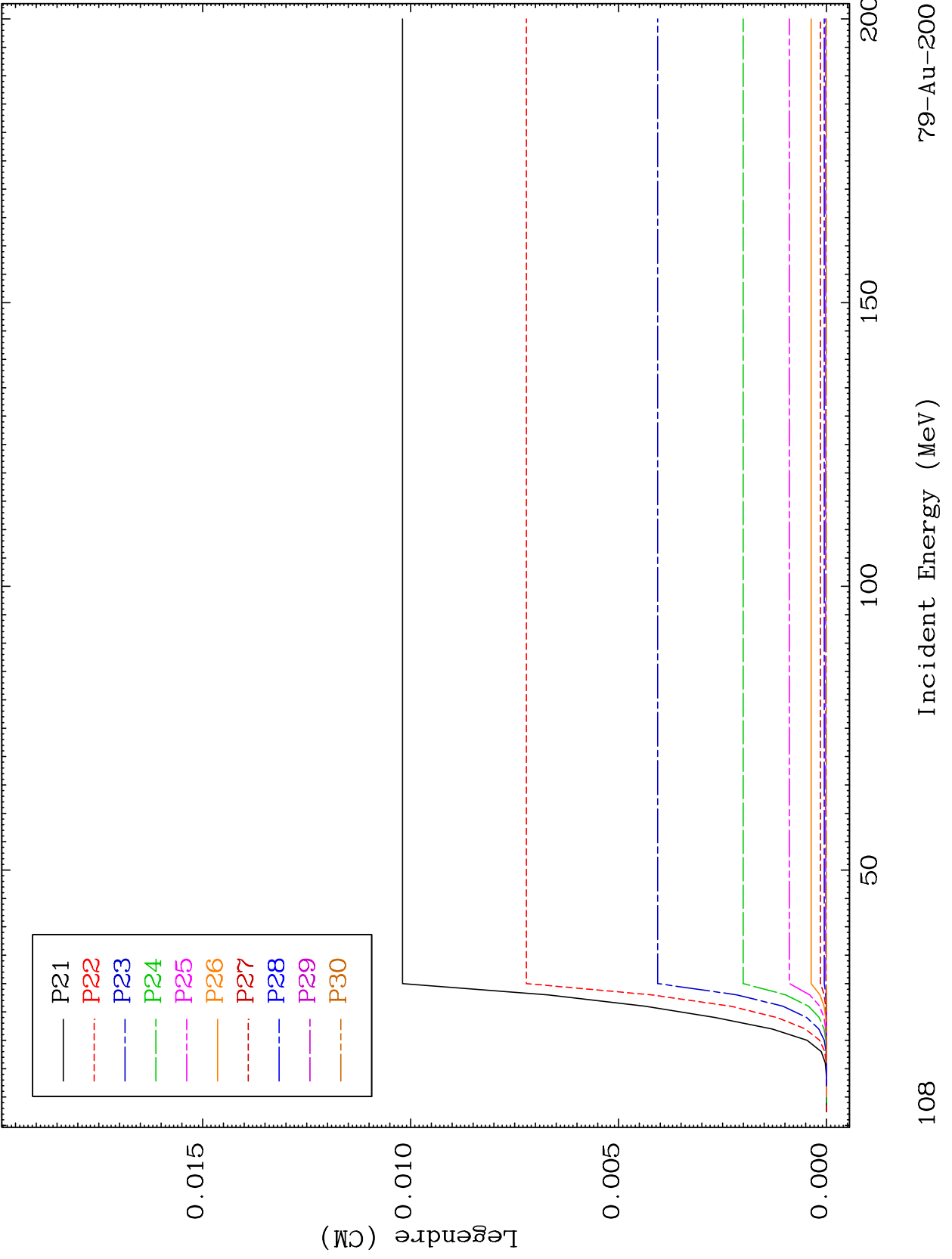
Incident Energy (MeV)

79-Au-200

MAT 7934

1.010 MeV (n,n') Level
Legendre Coefficients

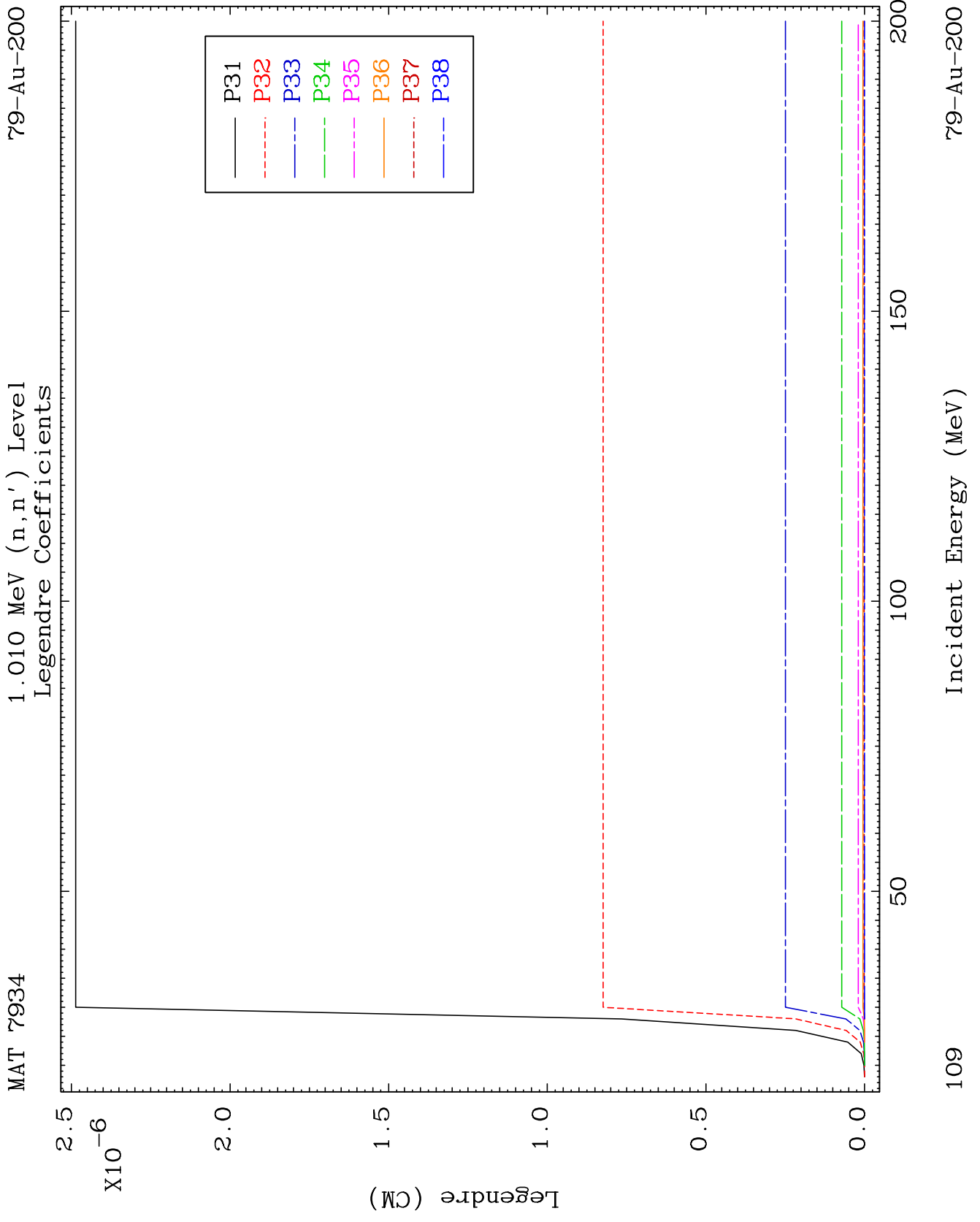
79-Au-200

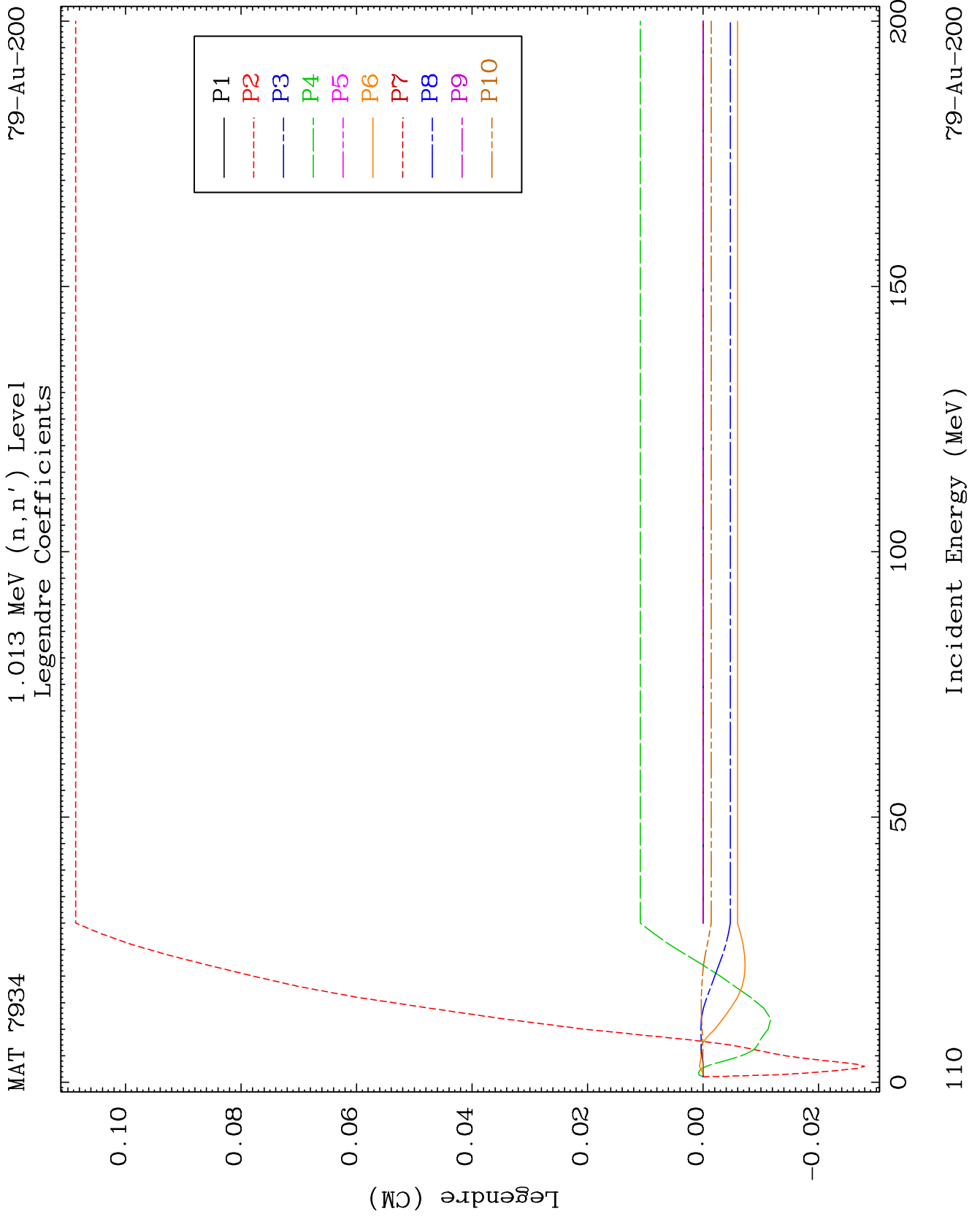


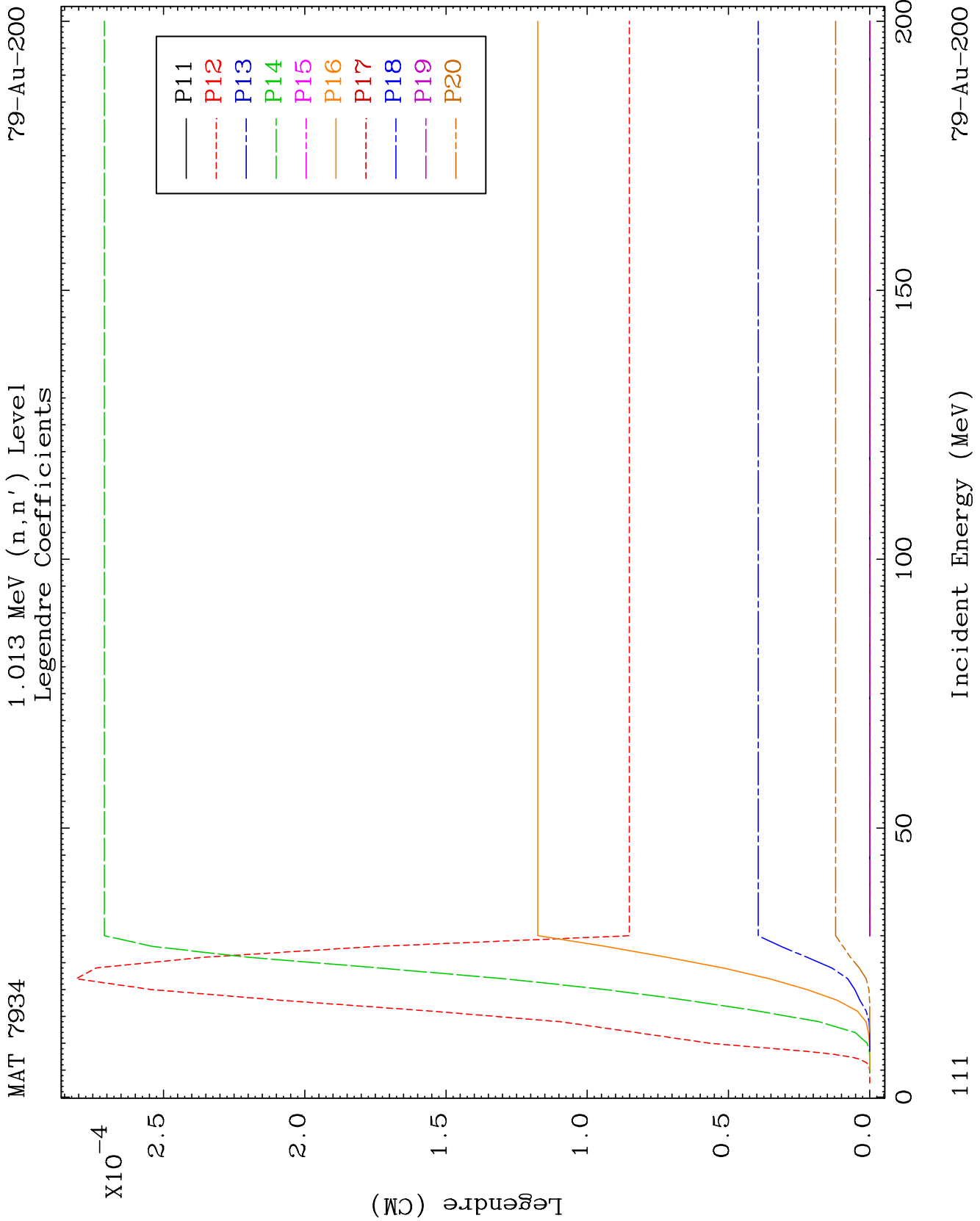
108

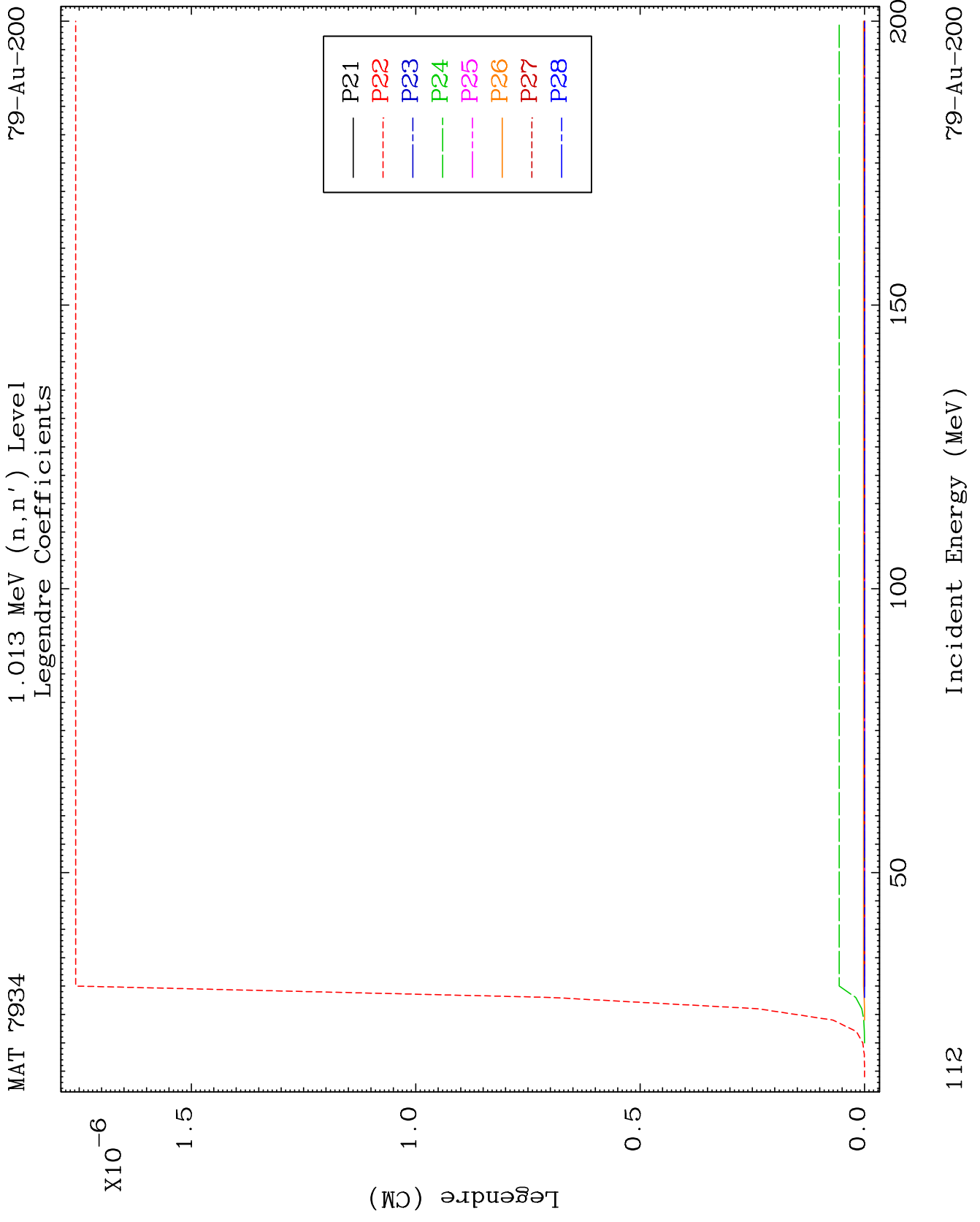
Incident Energy (MeV)

79-Au-200





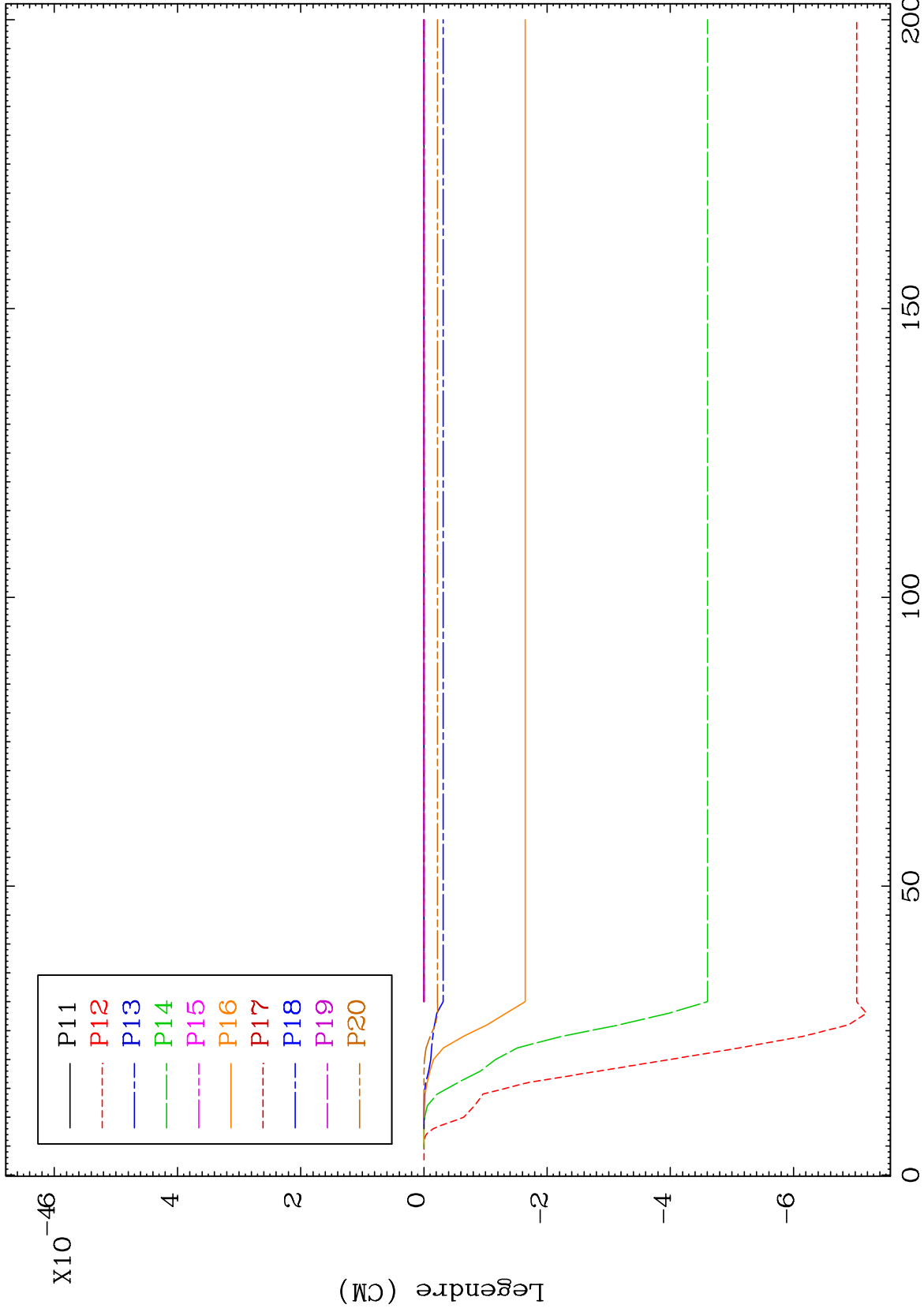




MAT 7934

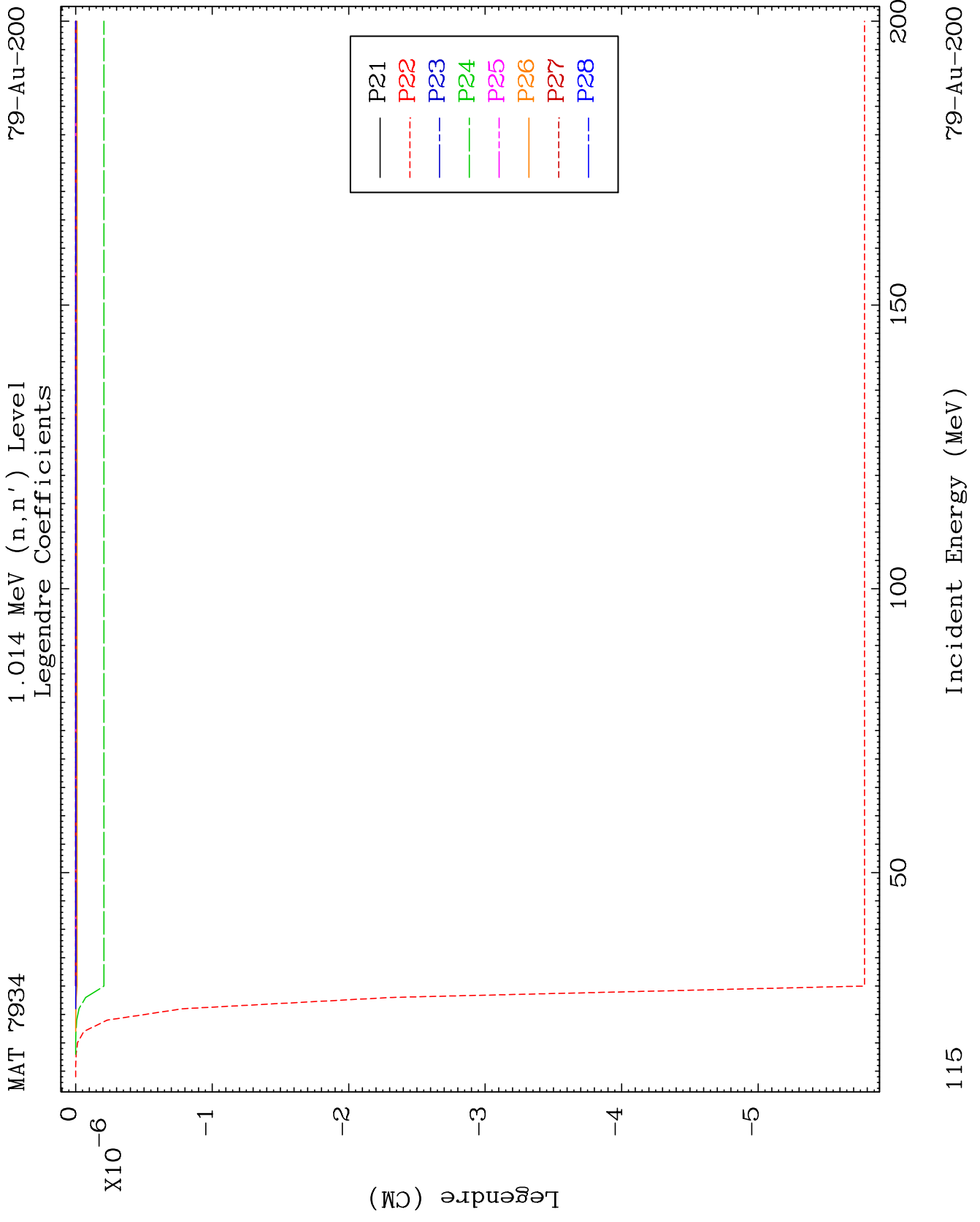
1.014 MeV (n,n') Level
Legendre Coefficients

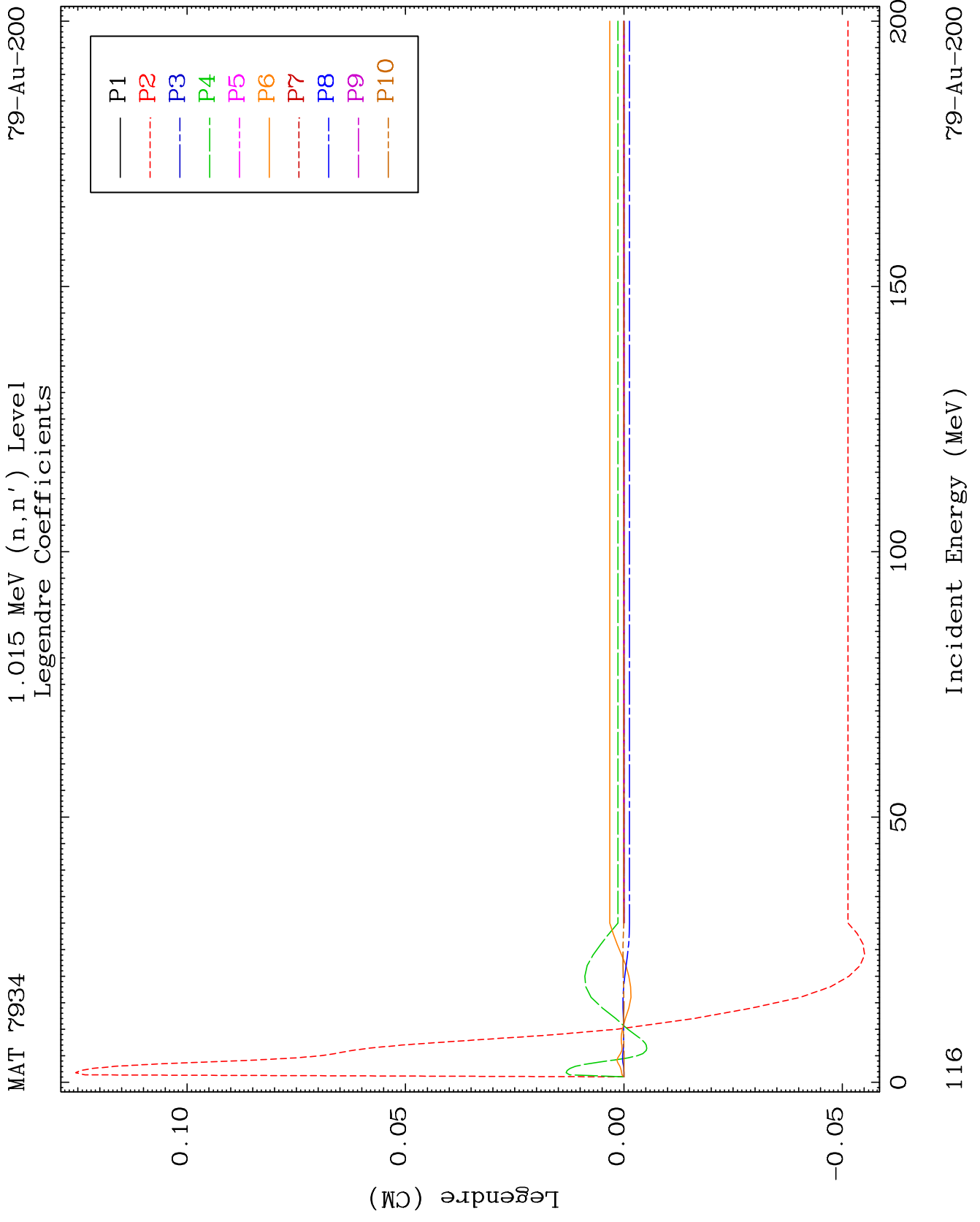
79-Au-200

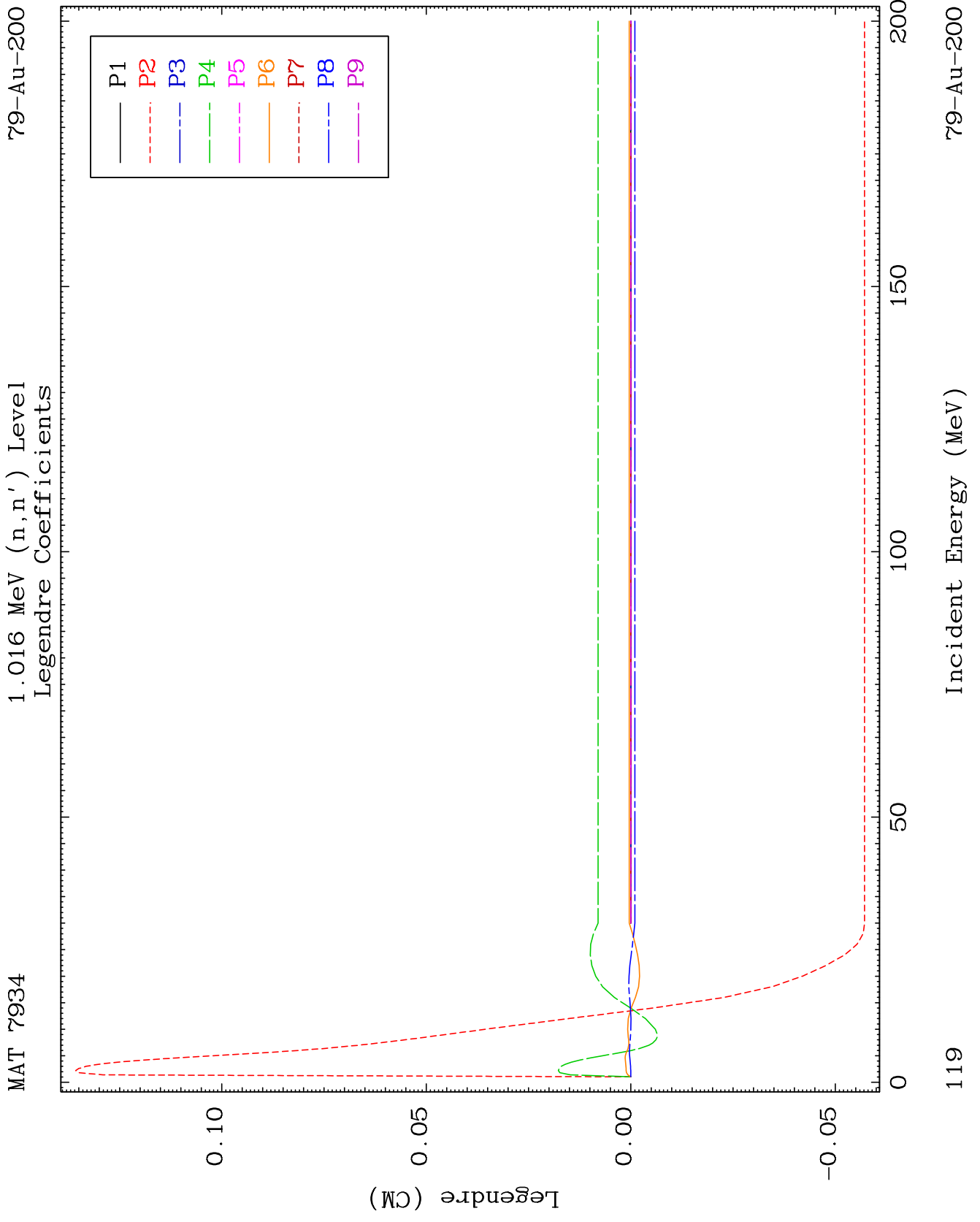


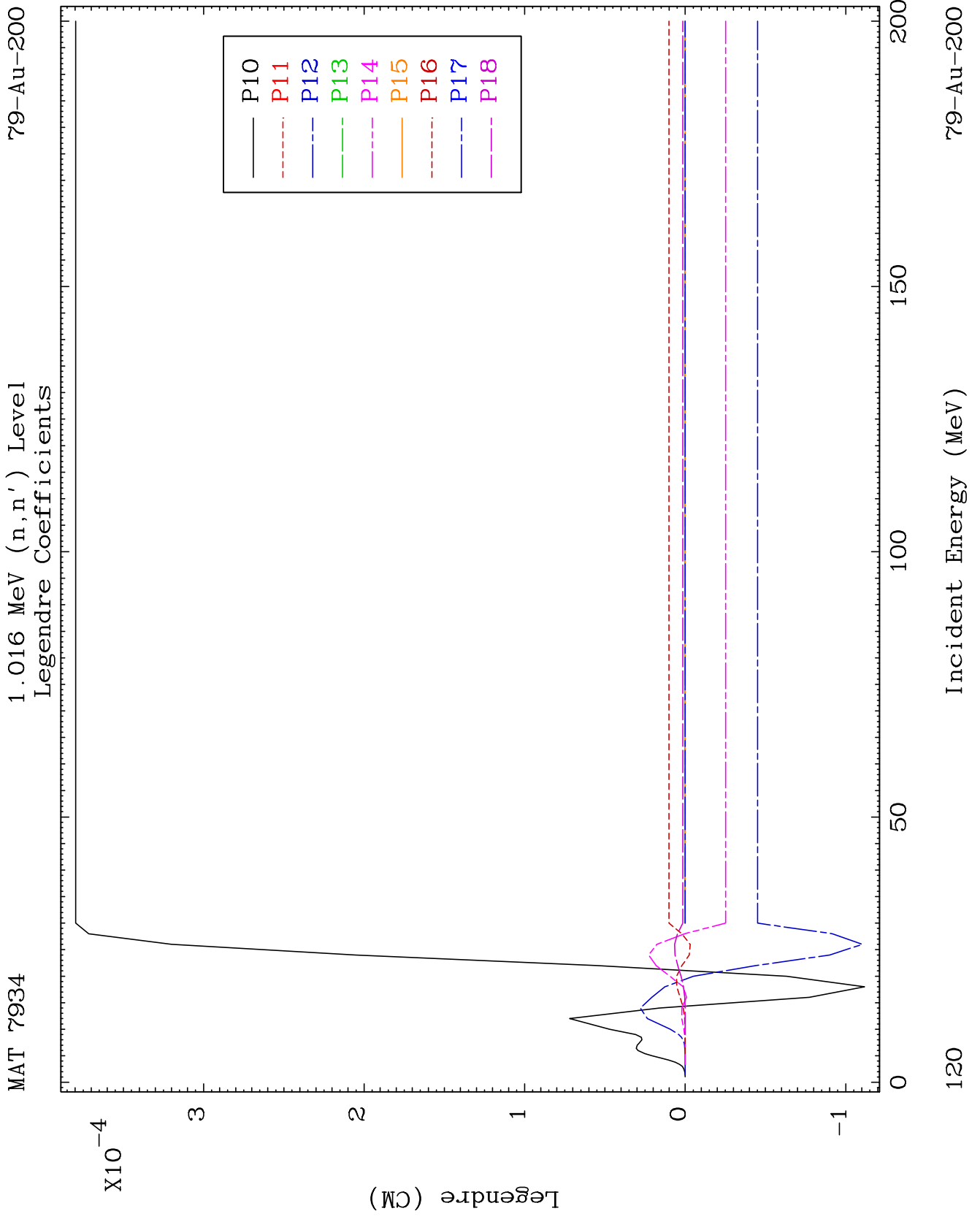
114

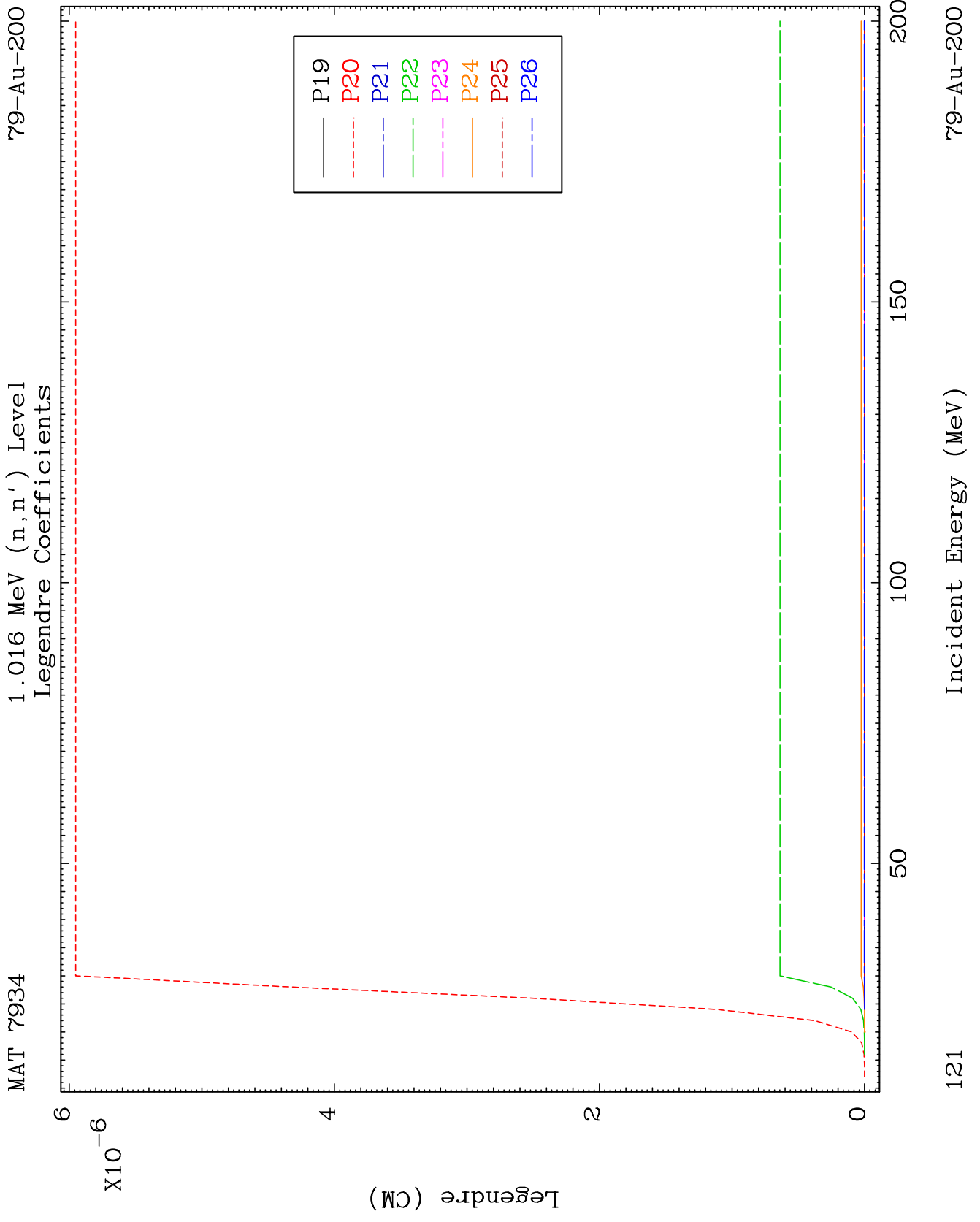
79-Au-200

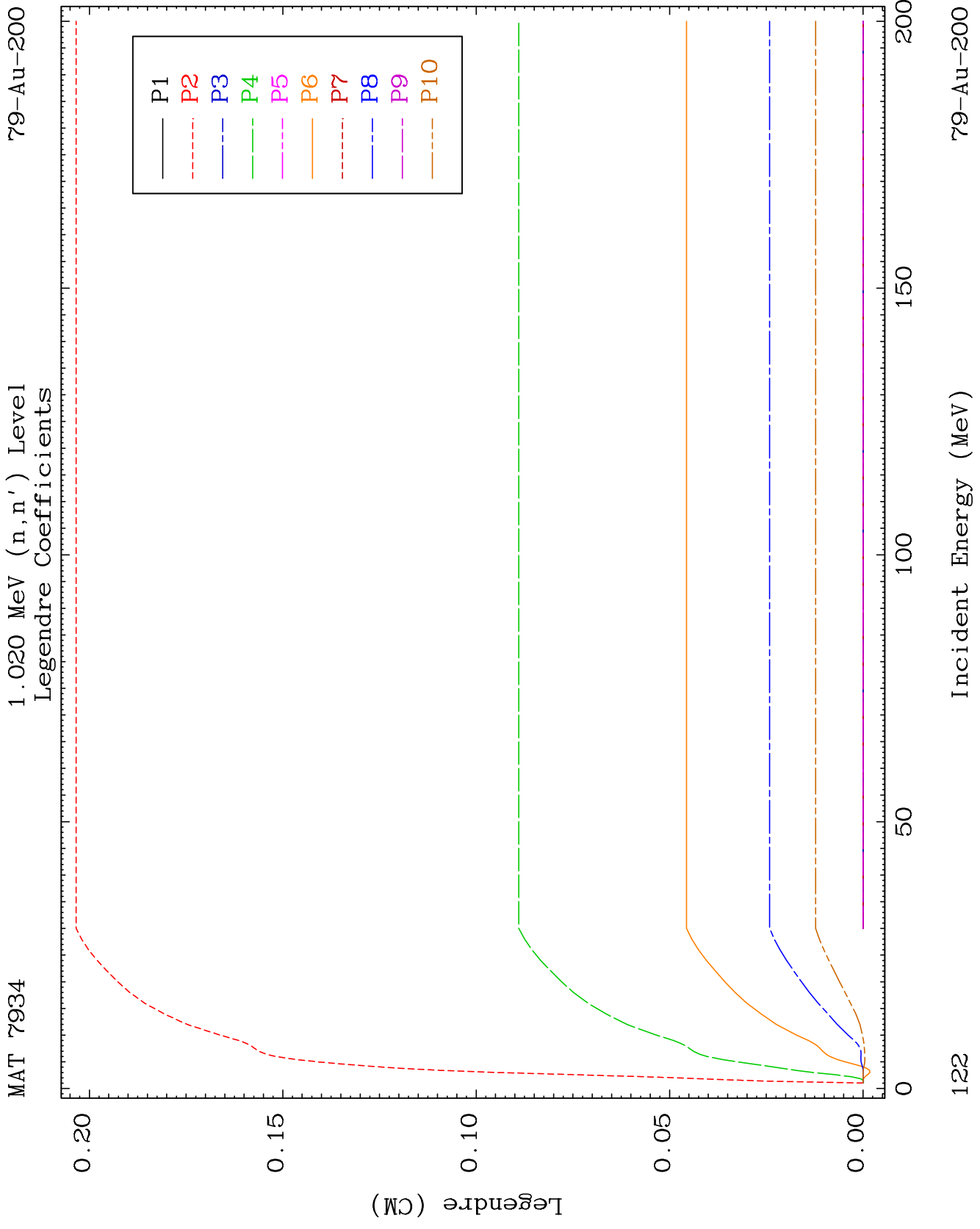


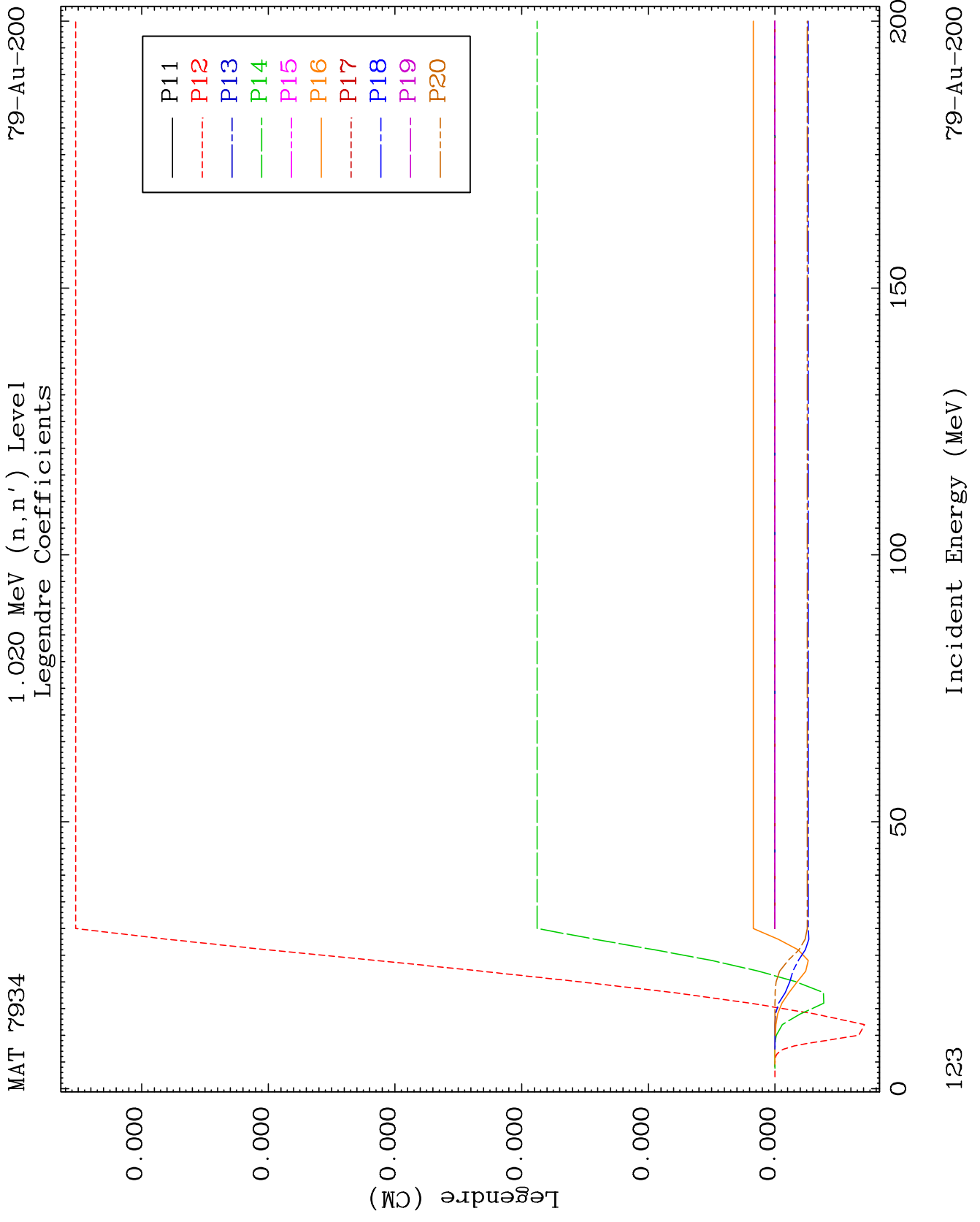








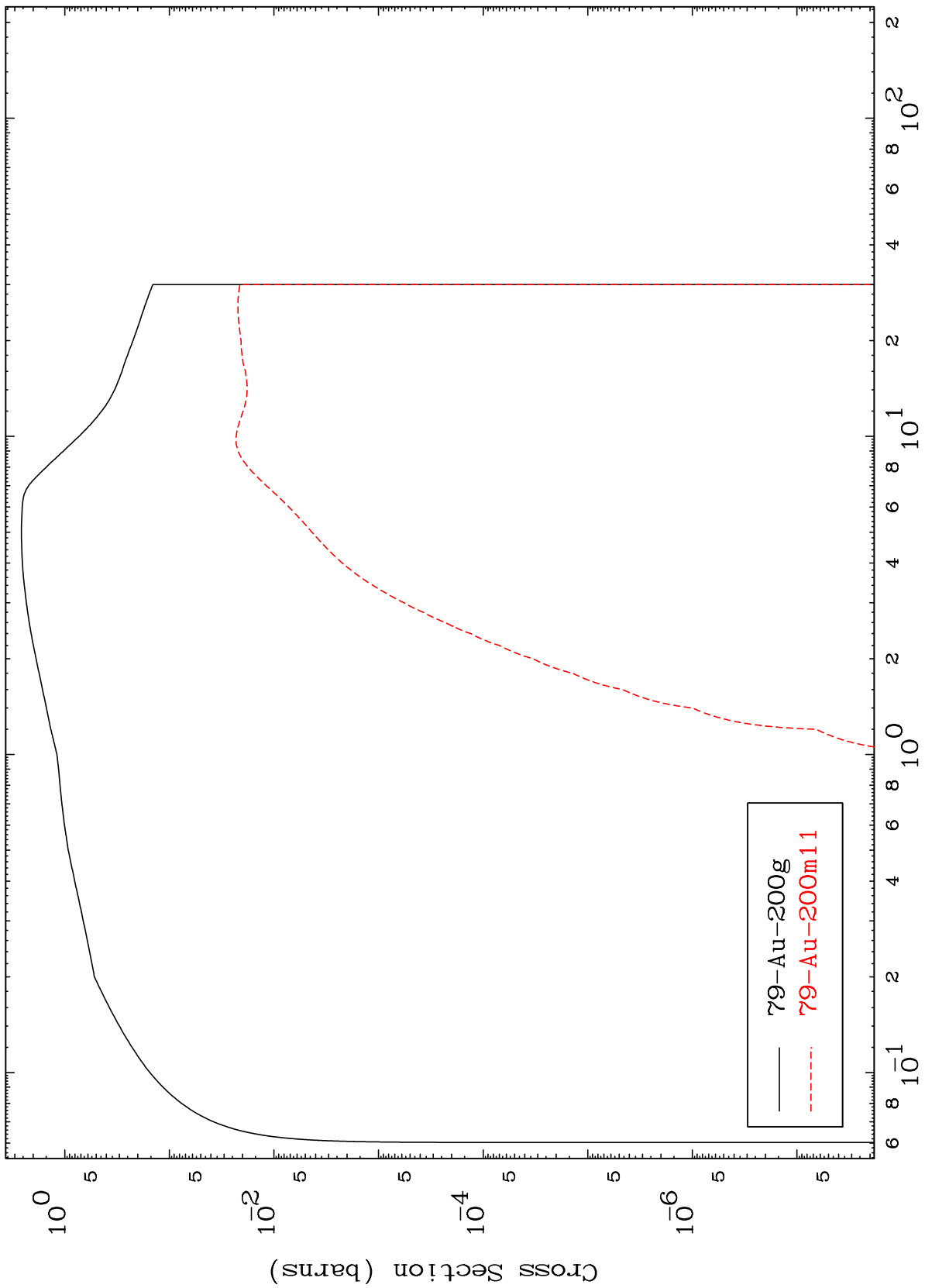




MAT 7934

79-Au-200

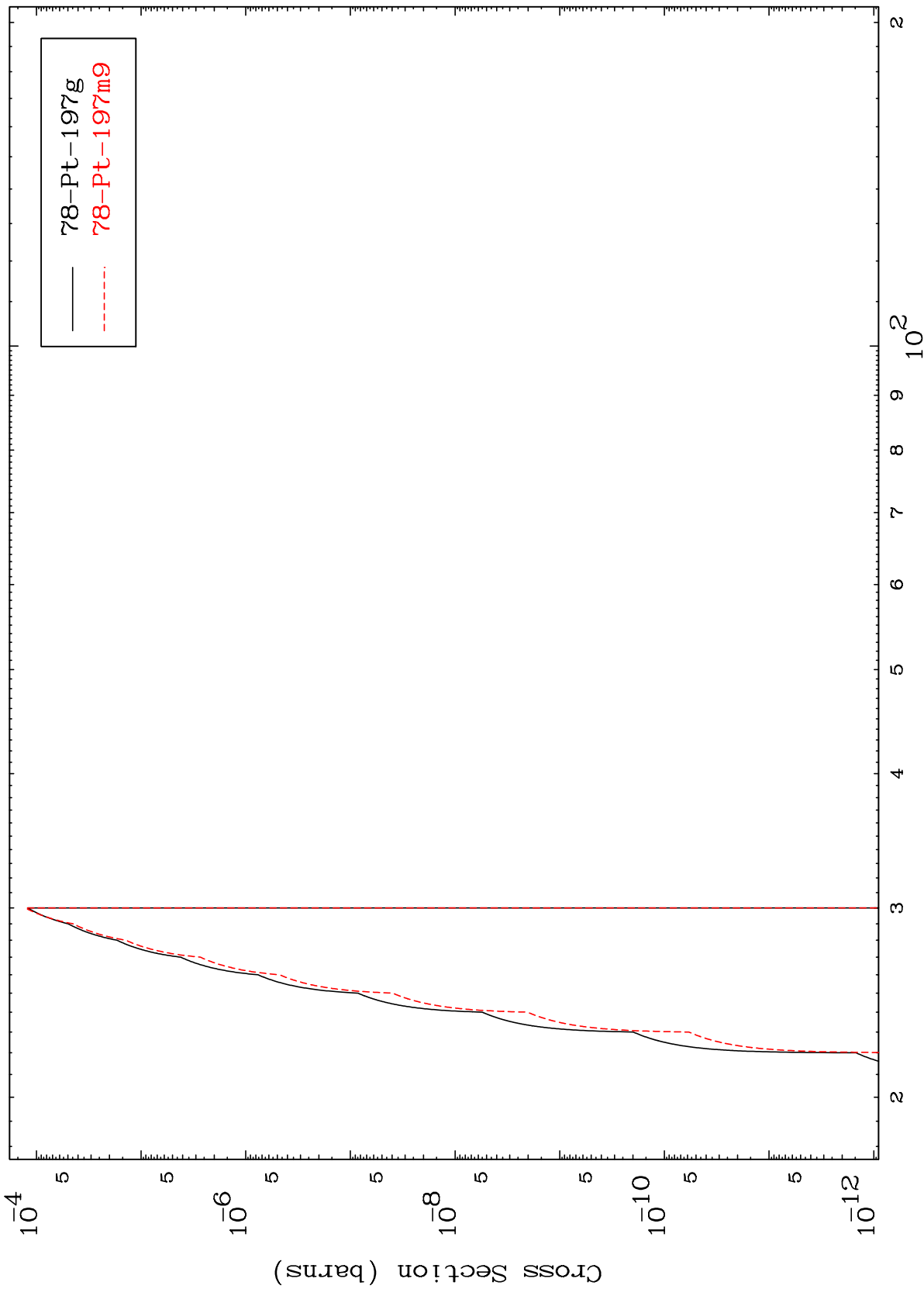
Inelastic
Radionuclide Production Cross Section



125

79-Au-200

Radionuclide Production Cross Section



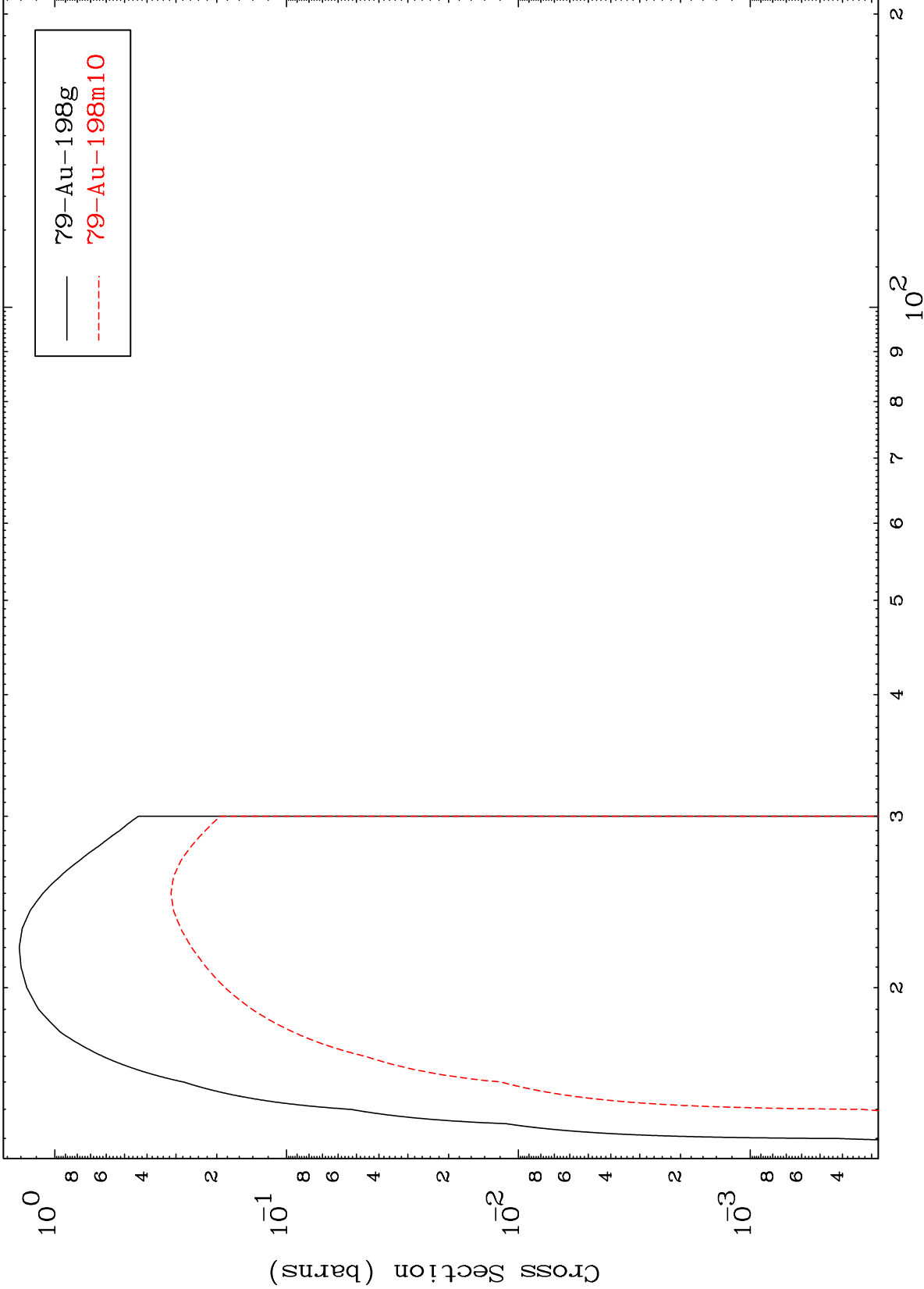
78-Pt-197g
78-Pt-197m9

MAT 7934

(n,3n)

79-Au-200

Radionuclide Production Cross Section



127

Incident Energy (MeV)

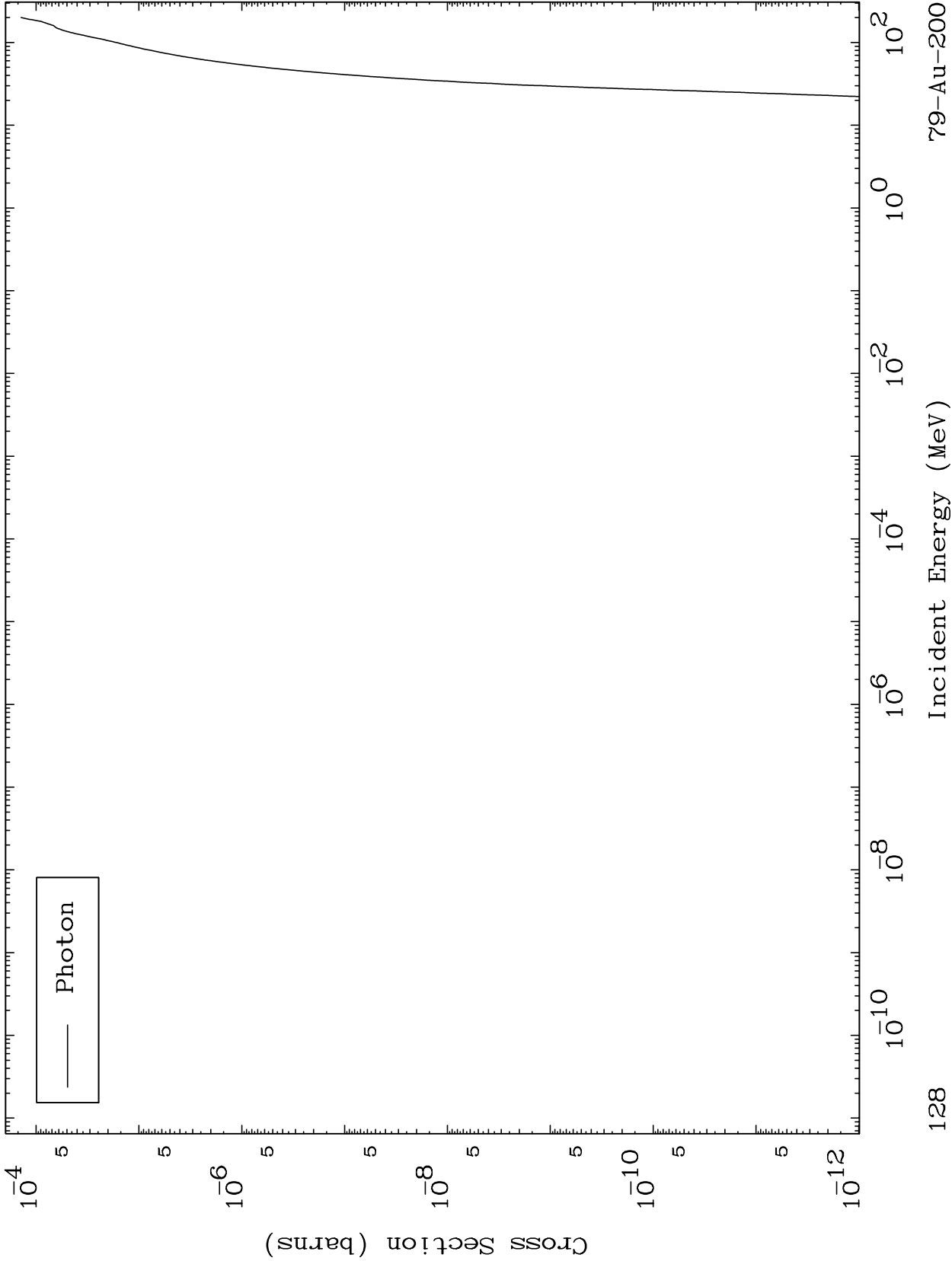
79-Au-200

MAT 7934

Fission

⁷⁹Au-200

Radionuclide Production Cross Section

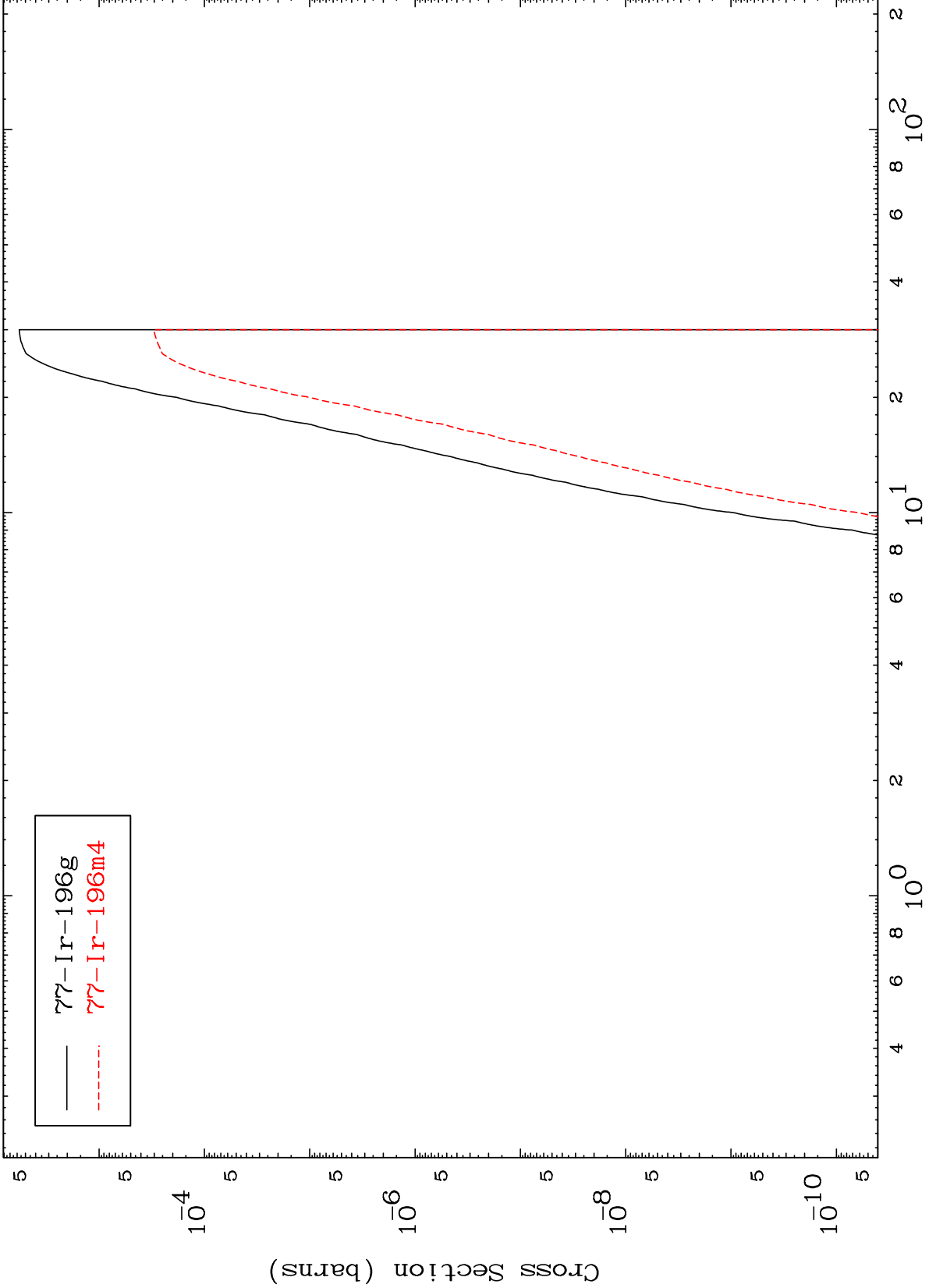


MAT 7934

$(n, n') \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section

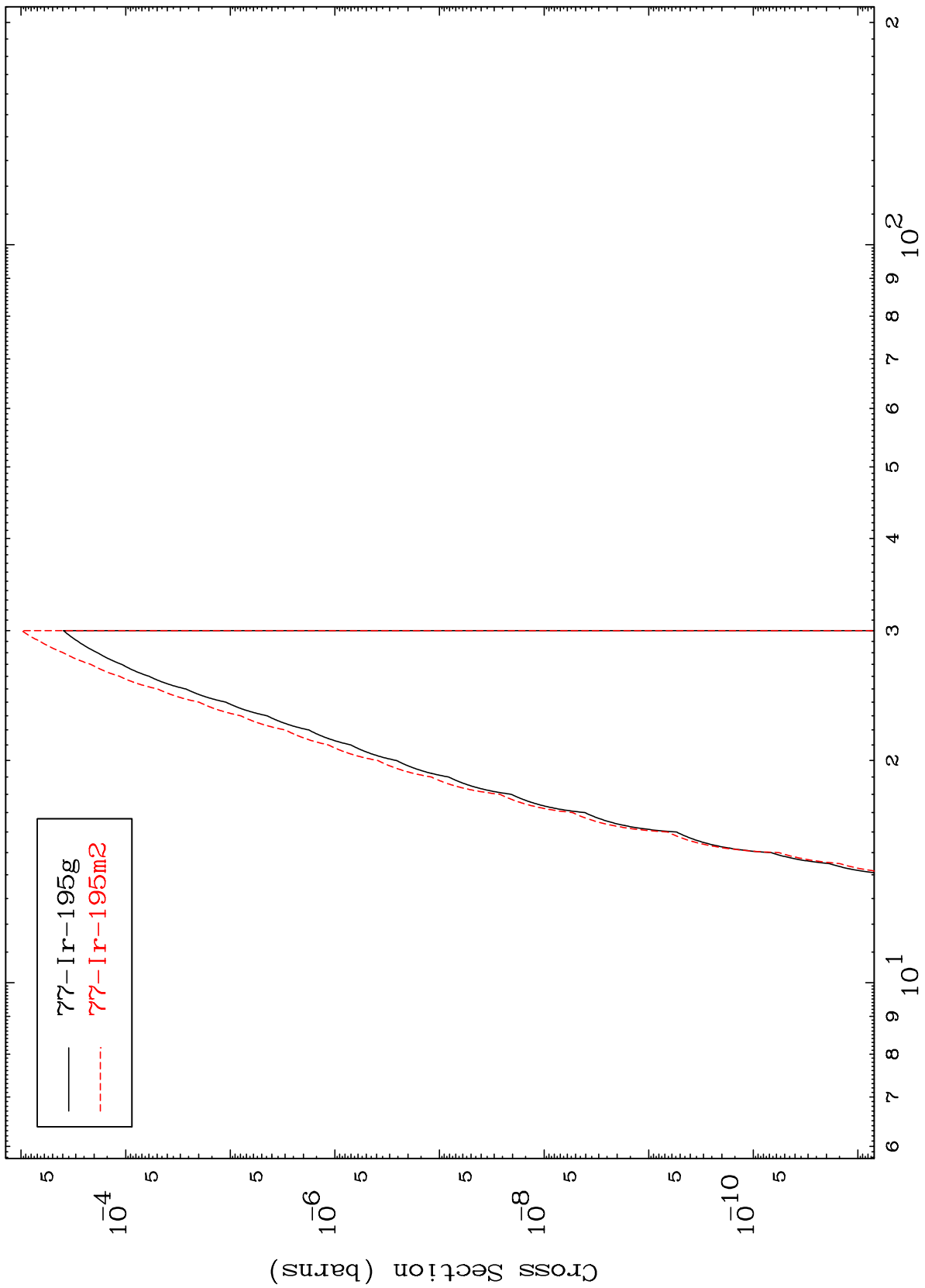


MAT 7934

$(n,2n) \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section



130

Incident Energy (MeV)

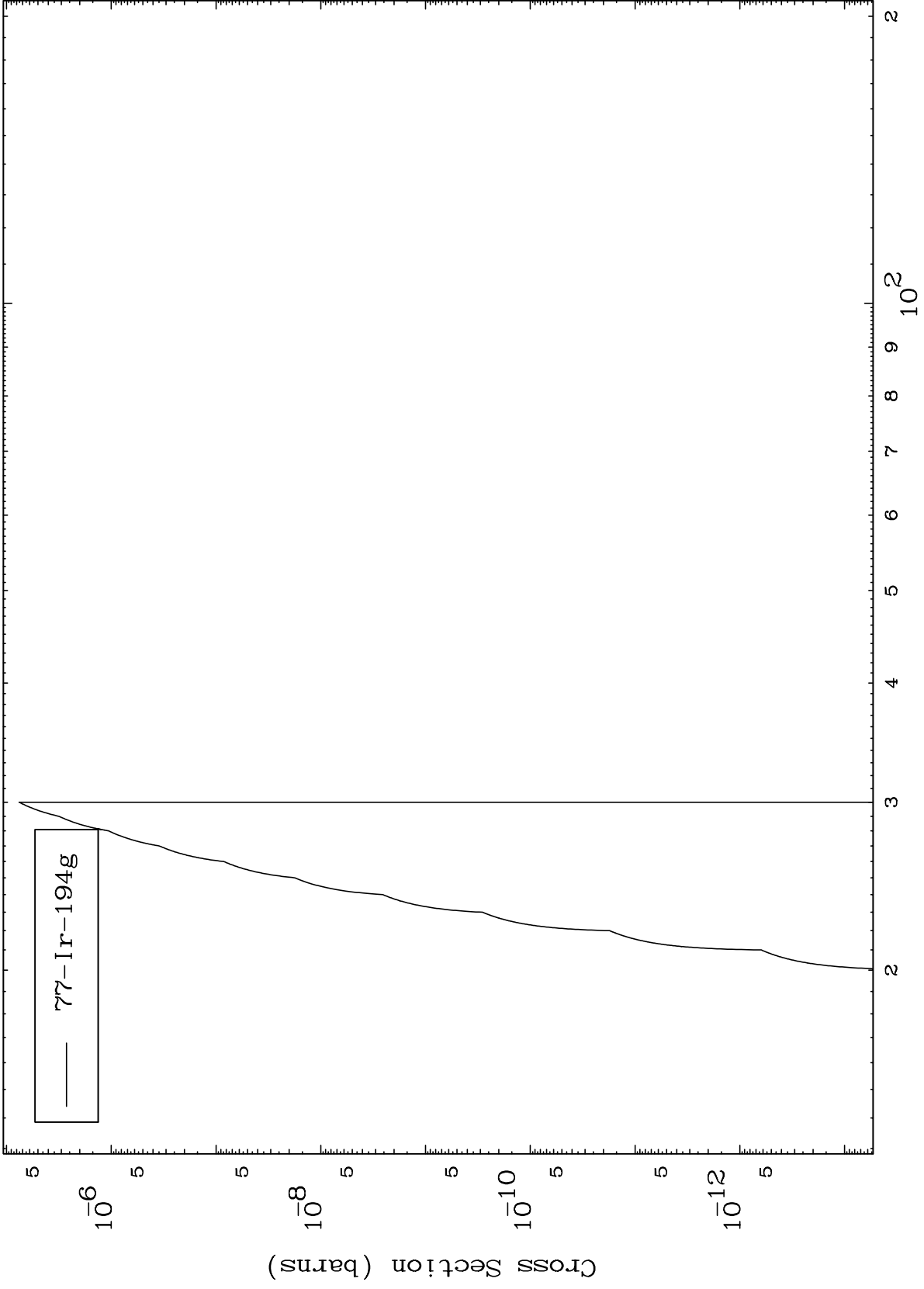
$^{79}\text{Au-200}$

MAT 7934

(n,3n) α

79-Au-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

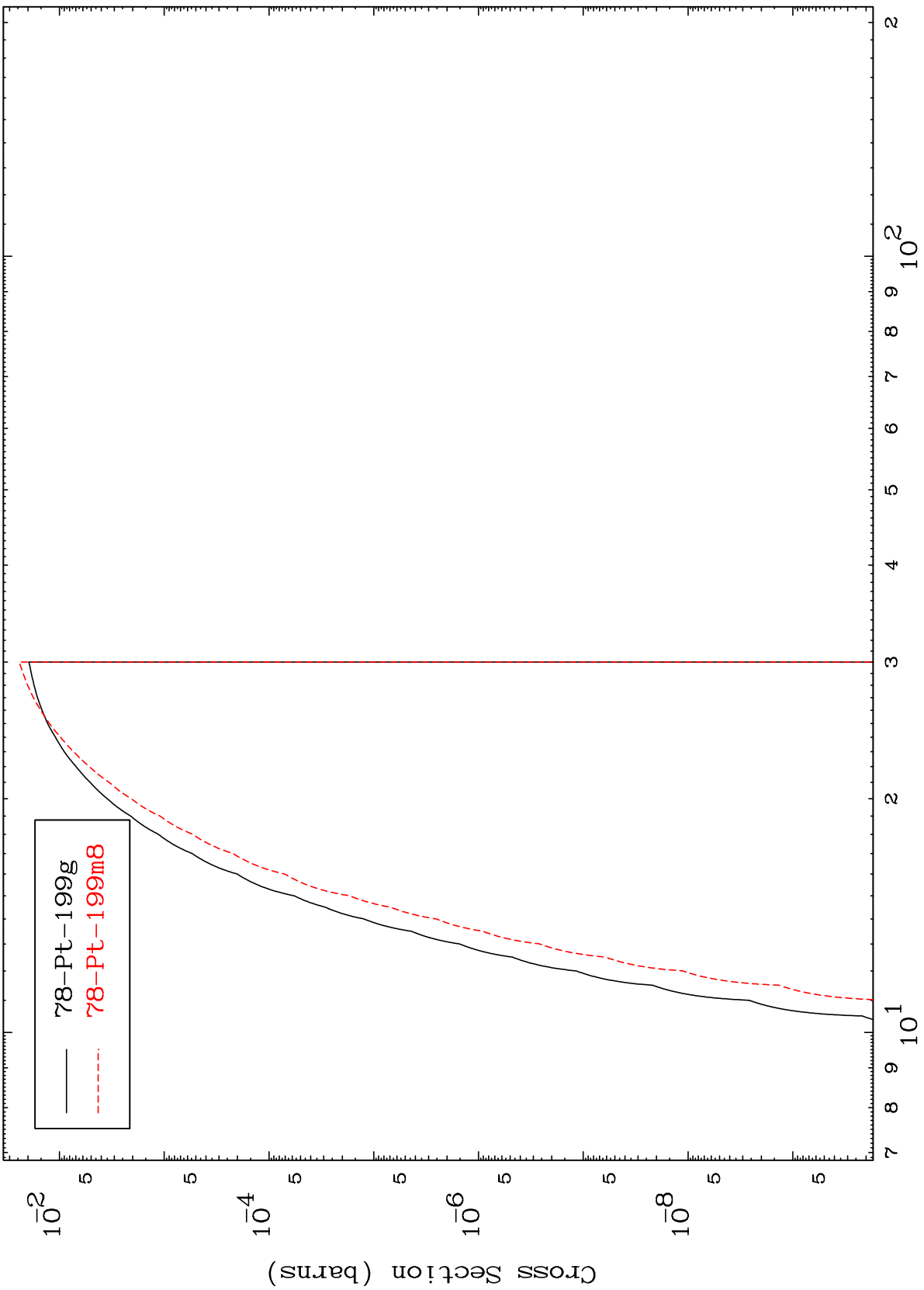
79-Au-200

MAT 7934

(n,n') p

79-Au-200

Radionuclide Production Cross Section



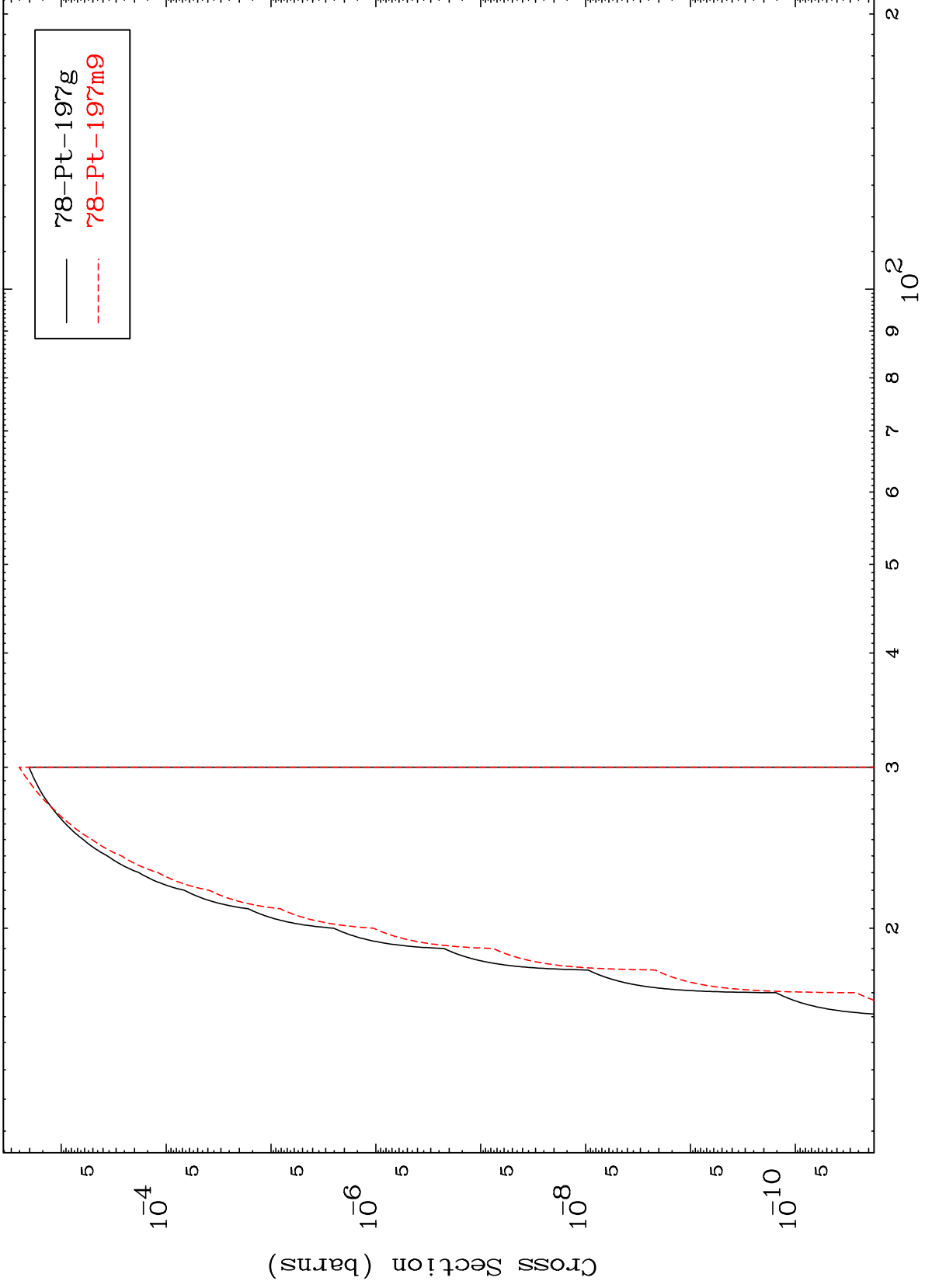
78-Pt-199g
78-Pt-199m8

132

Incident Energy (MeV)

79-Au-200

Radionuclide Production Cross Section

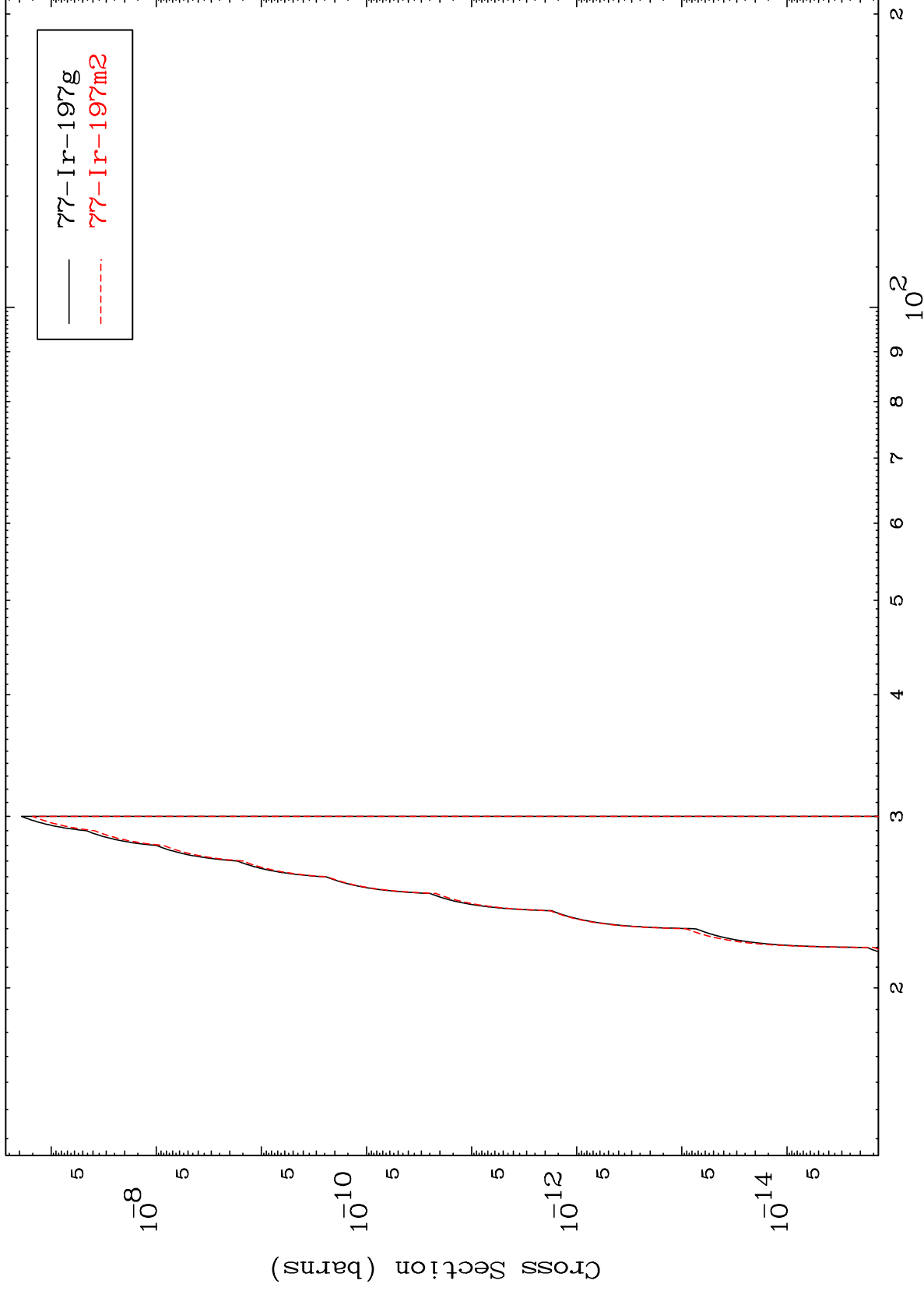


MAT 7934

(n,n') He-3

79-Au-200

Radionuclide Production Cross Section



134

Incident Energy (MeV)

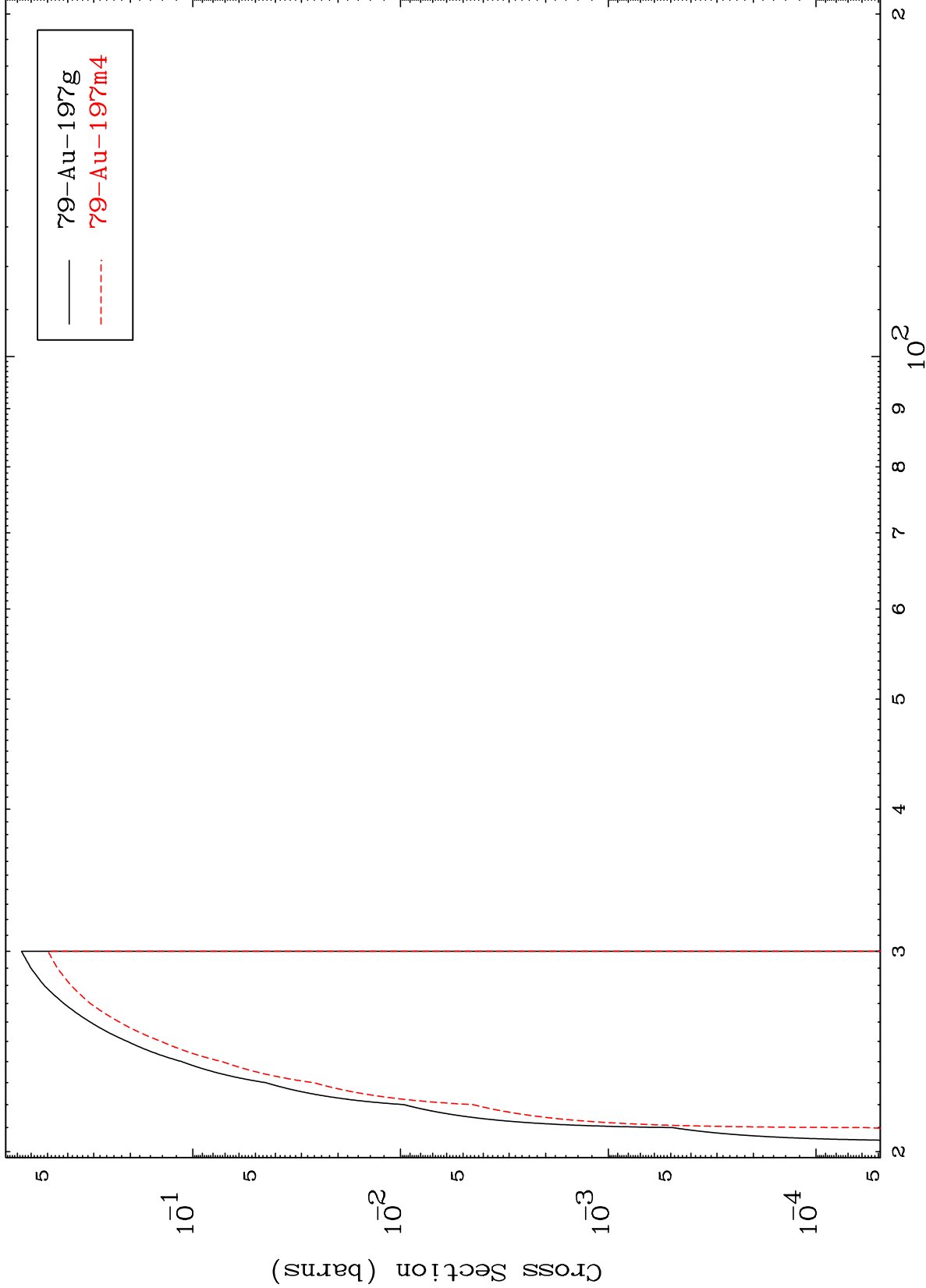
79-Au-200

MAT 7934

(n,4n)

79-Au-200

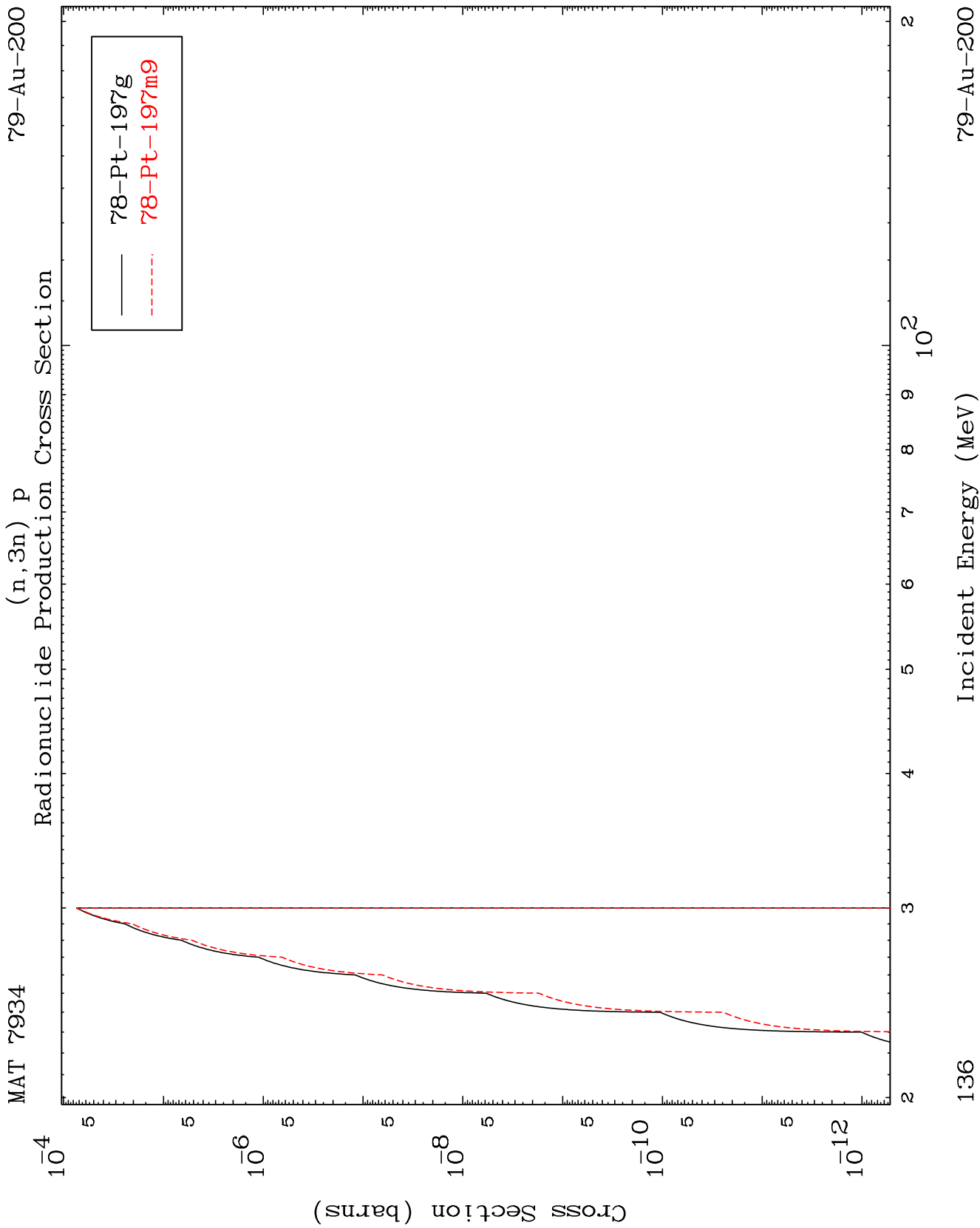
Radionuclide Production Cross Section



135

Incident Energy (MeV)

79-Au-200

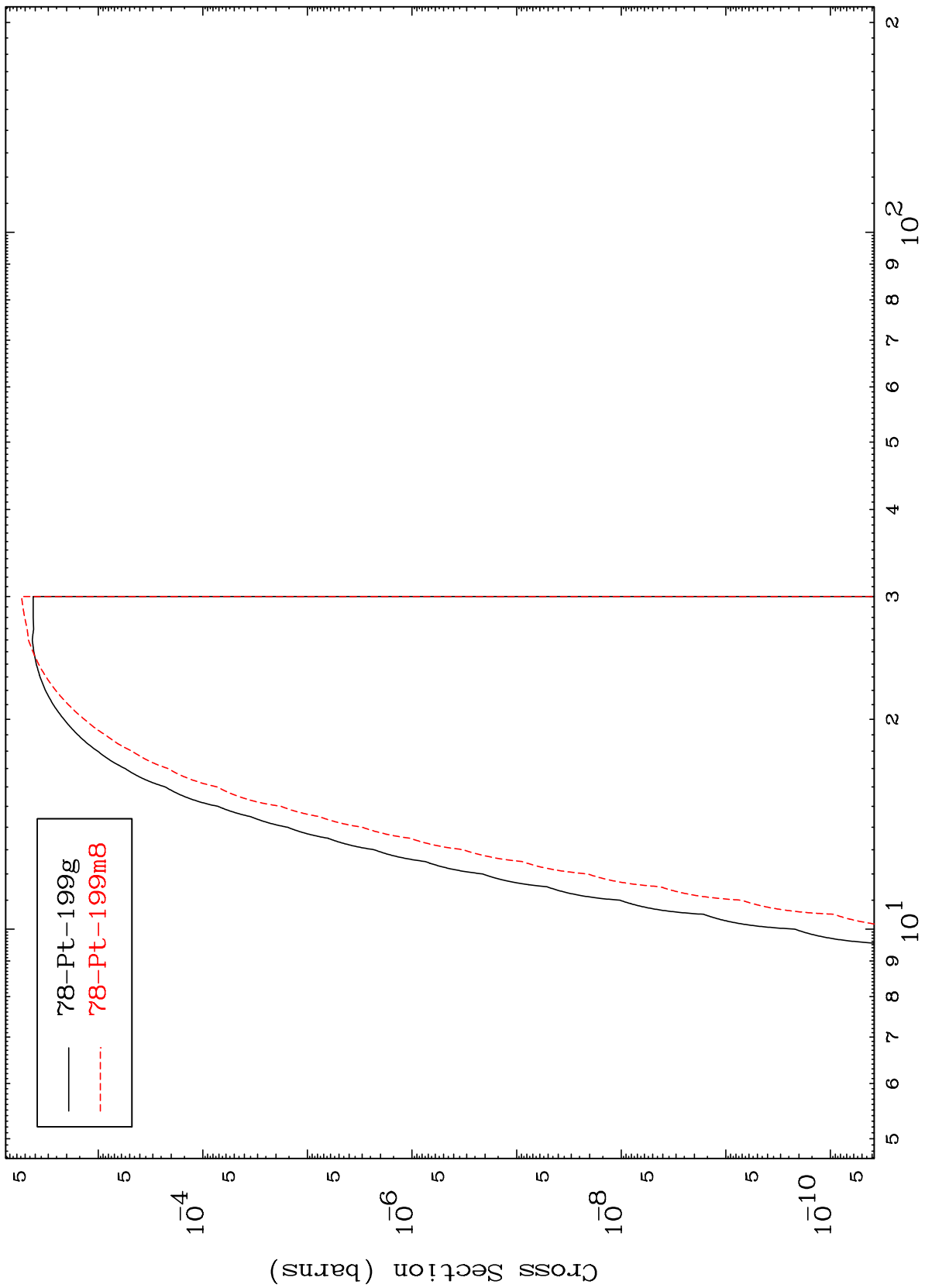


78-Pt-197g
78-Pt-197m9

MAT 7934

79-Au-200

(n,d)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

79-Au-200

MAT 7934

(n, α)

⁷⁹Au-200

Radionuclide Production Cross Section

