

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

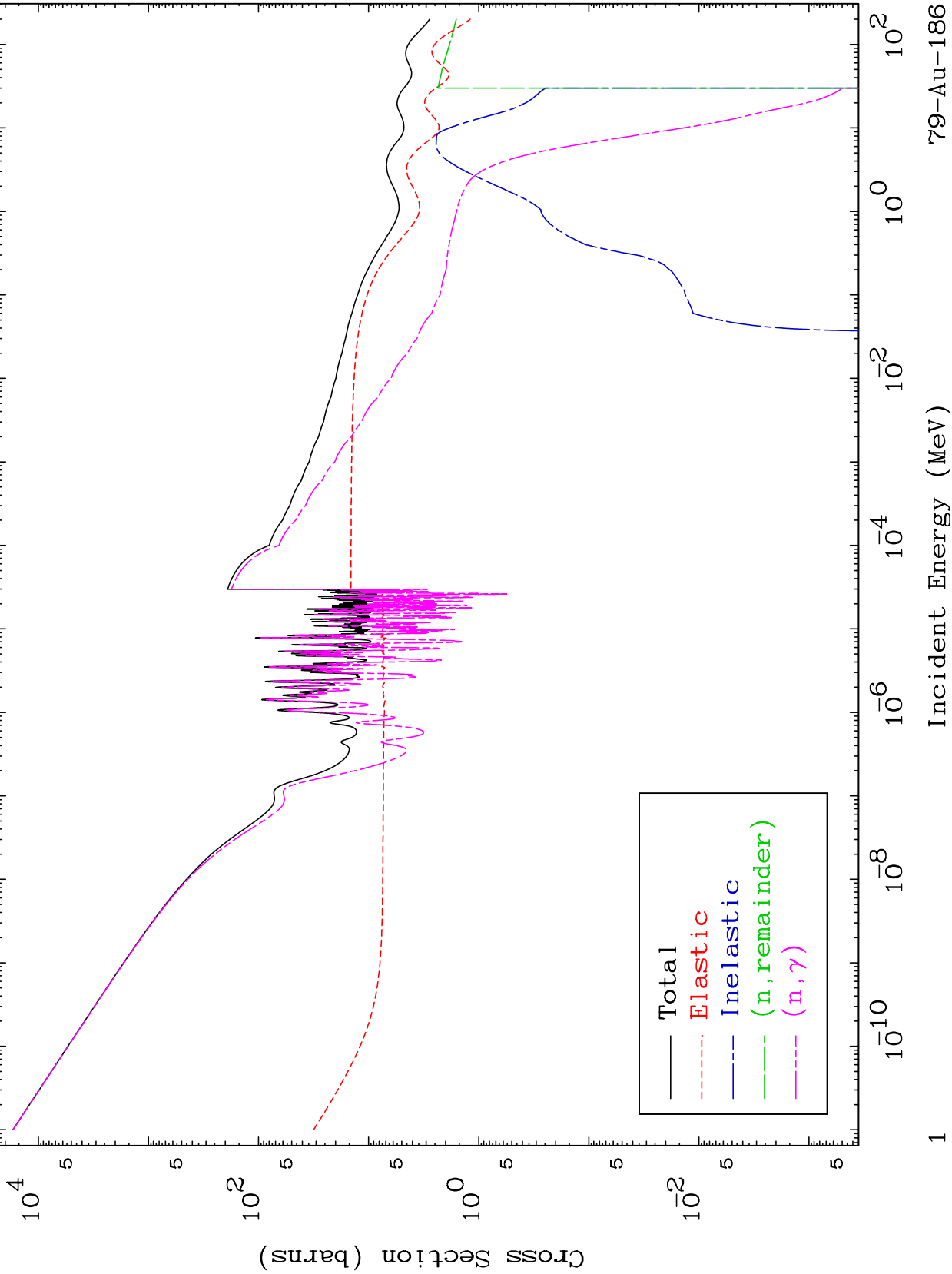
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7892

Major
293 Kelvin Cross Sections

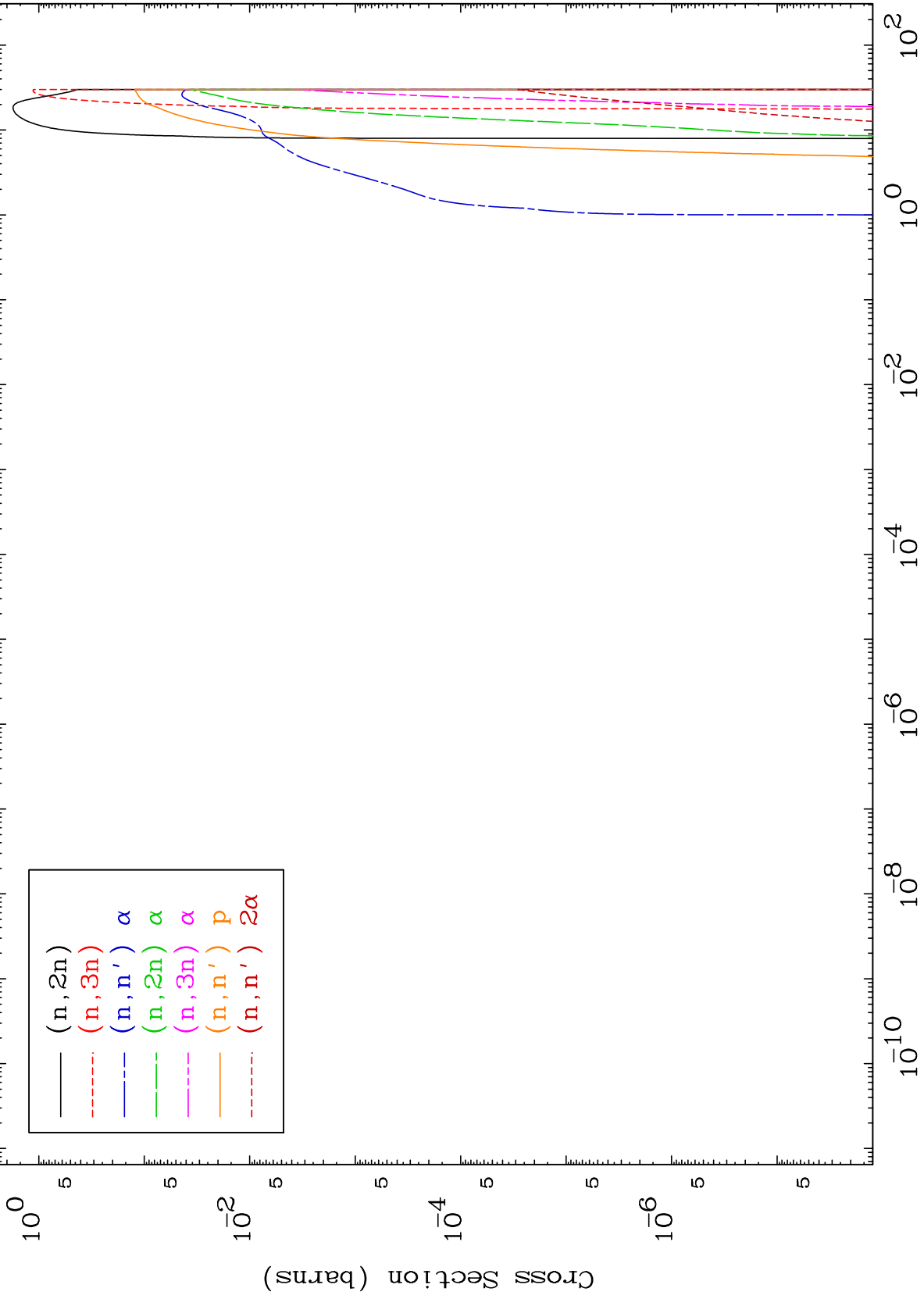
79-Au-186



MAT 7892

Neutron Production
293 Kelvin Cross Sections

79-Au-186



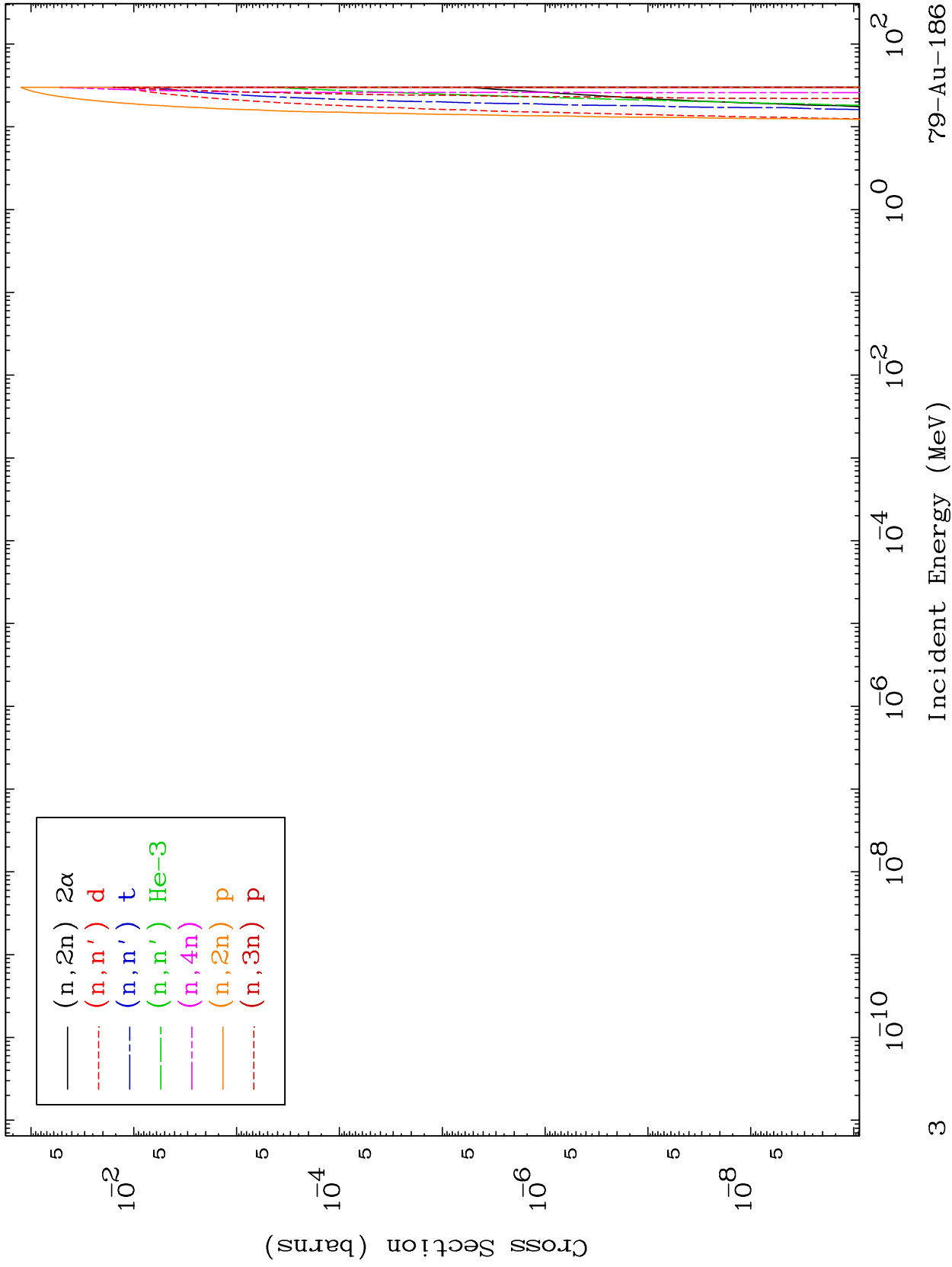
79-Au-186

Incident Energy (MeV)

MAT 7892

Neutron Production
293 Kelvin Cross Sections

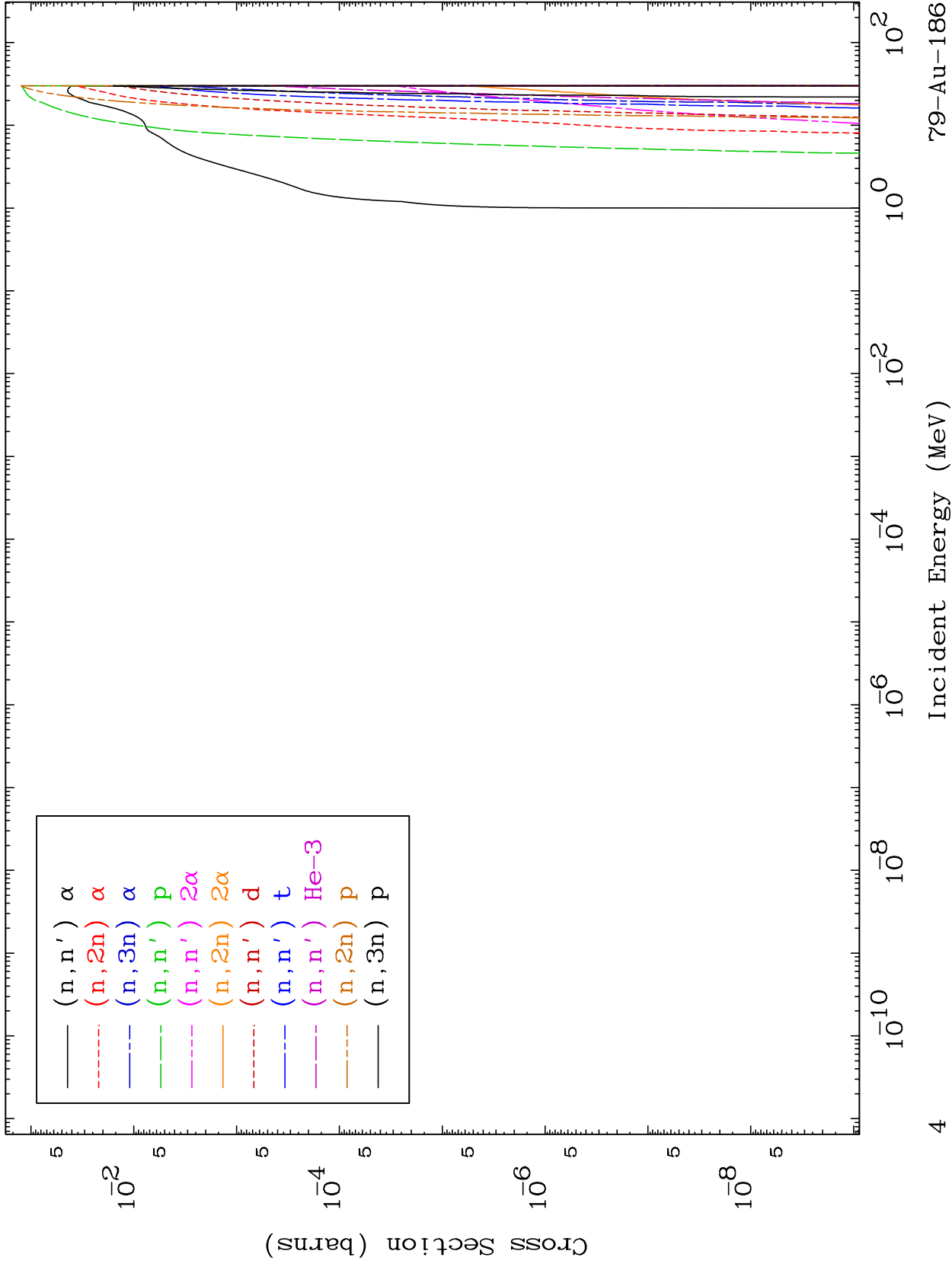
79-Au-186

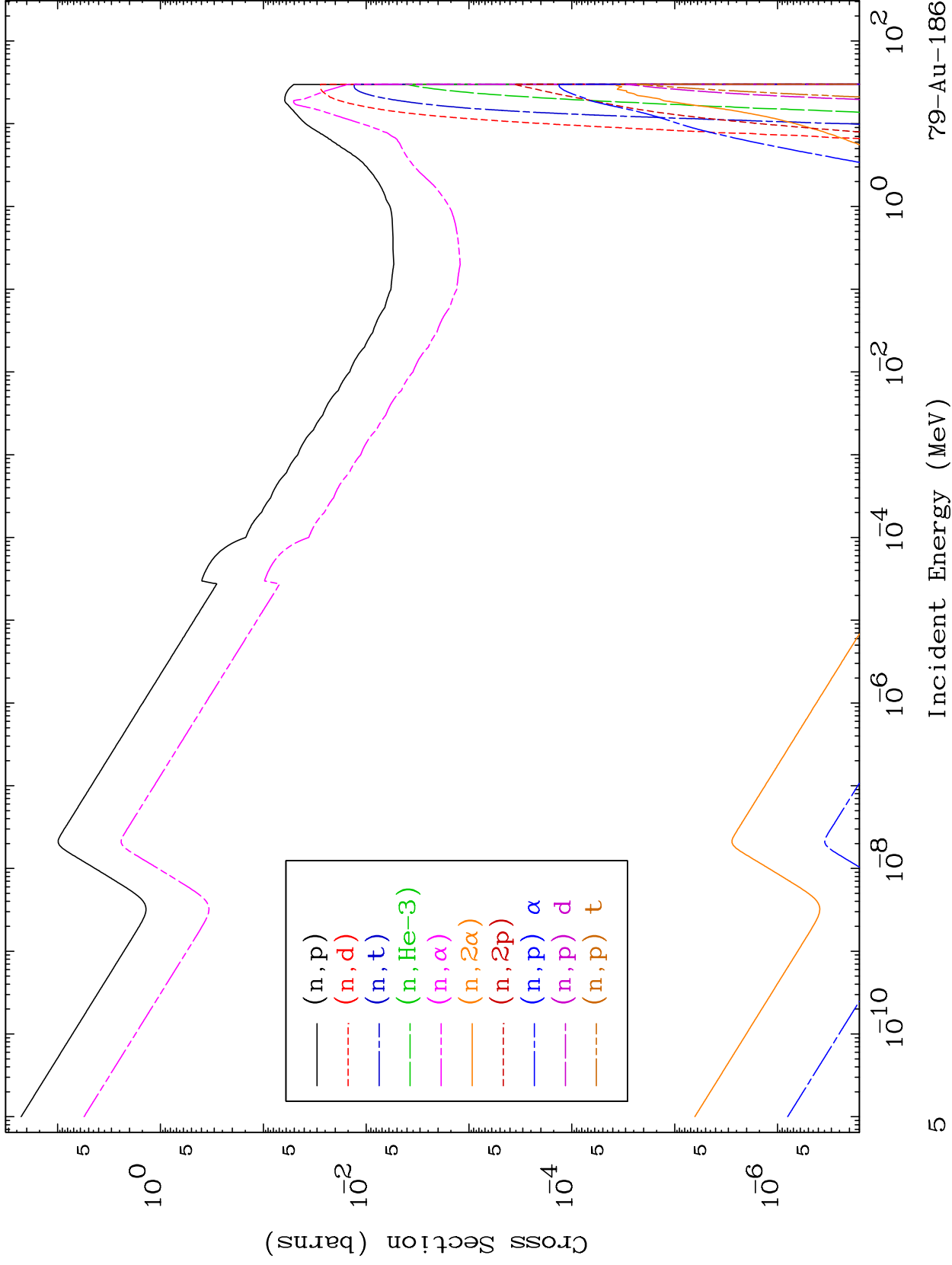


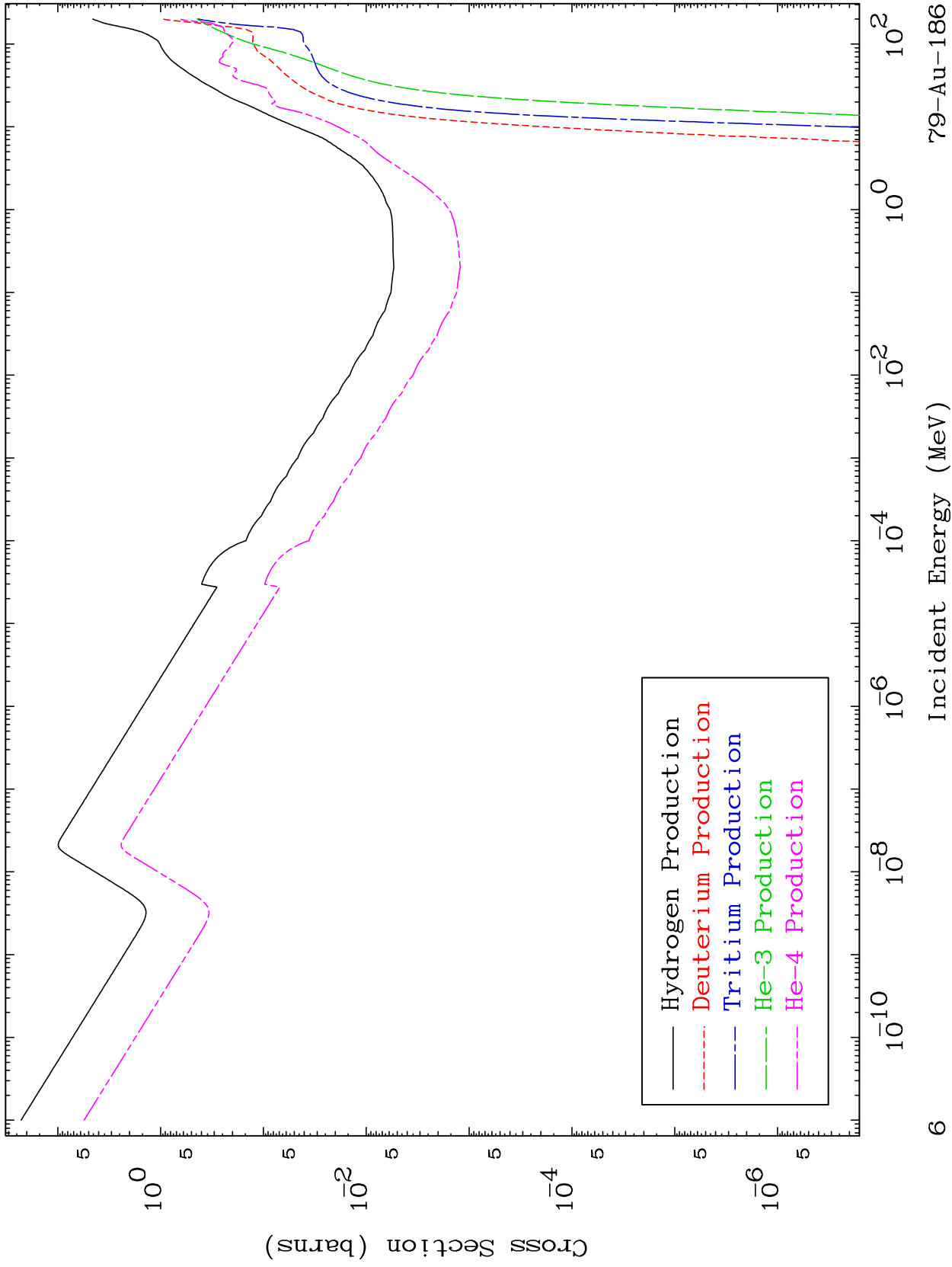
MAT 7892

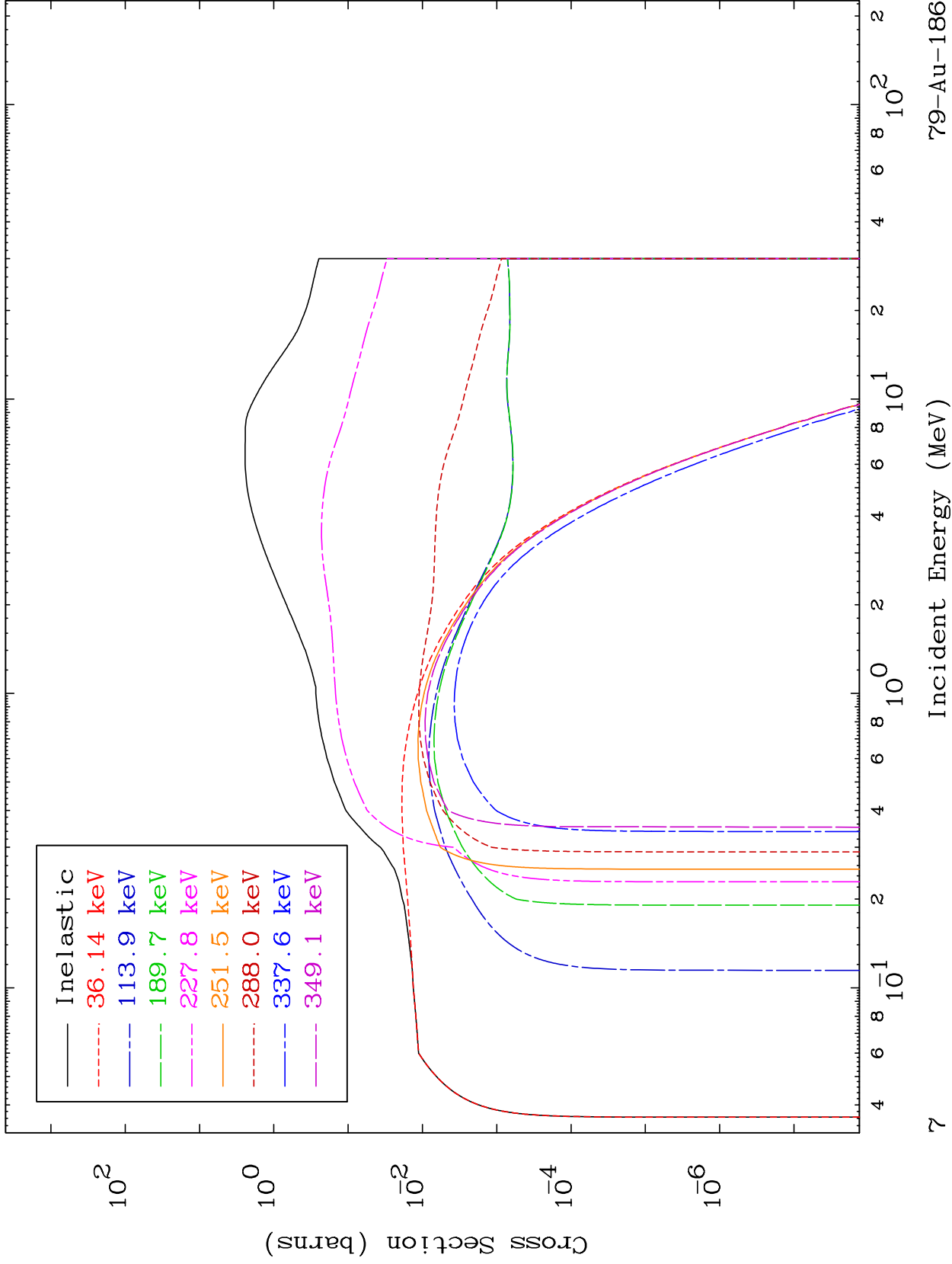
Charged Particle
293 Kelvin Cross Sections

79-Au-186







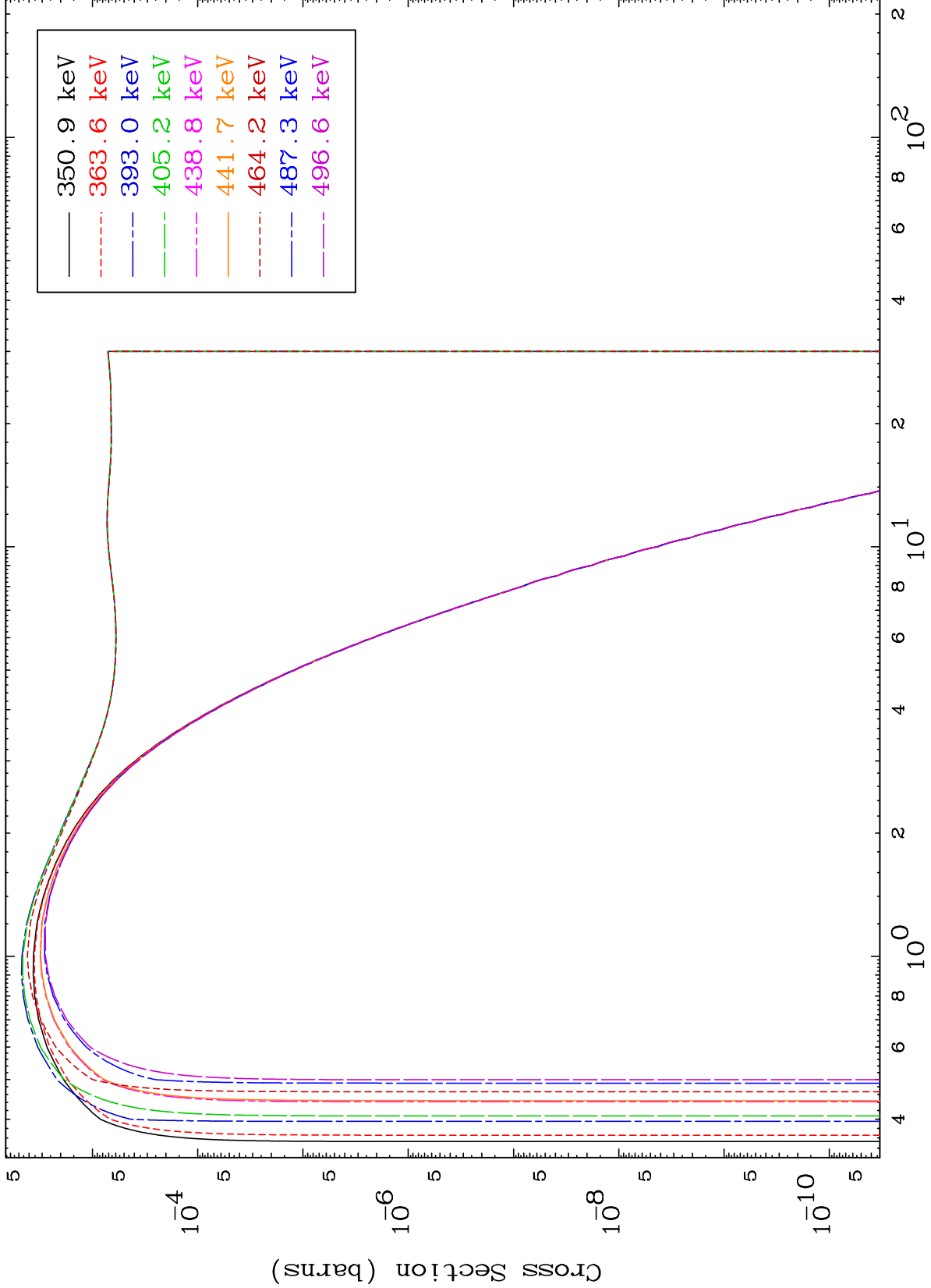


MAT 7892

(n,n') Level

79-Au-186

293 Kelvin Cross Sections



8

Incident Energy (MeV)

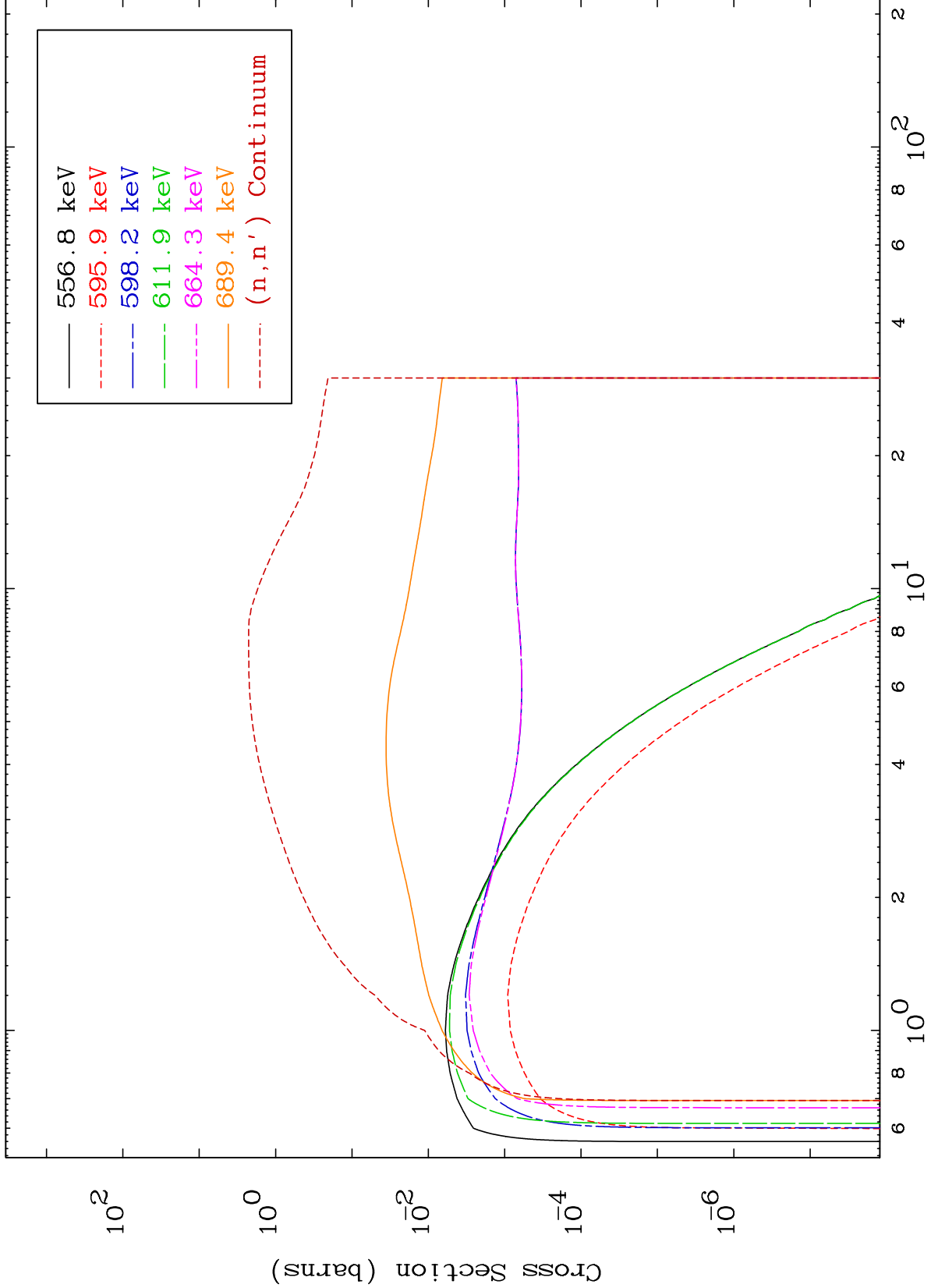
79-Au-186

MAT 7892

(n,n') Level

79-Au-186

293 Kelvin Cross Sections



9

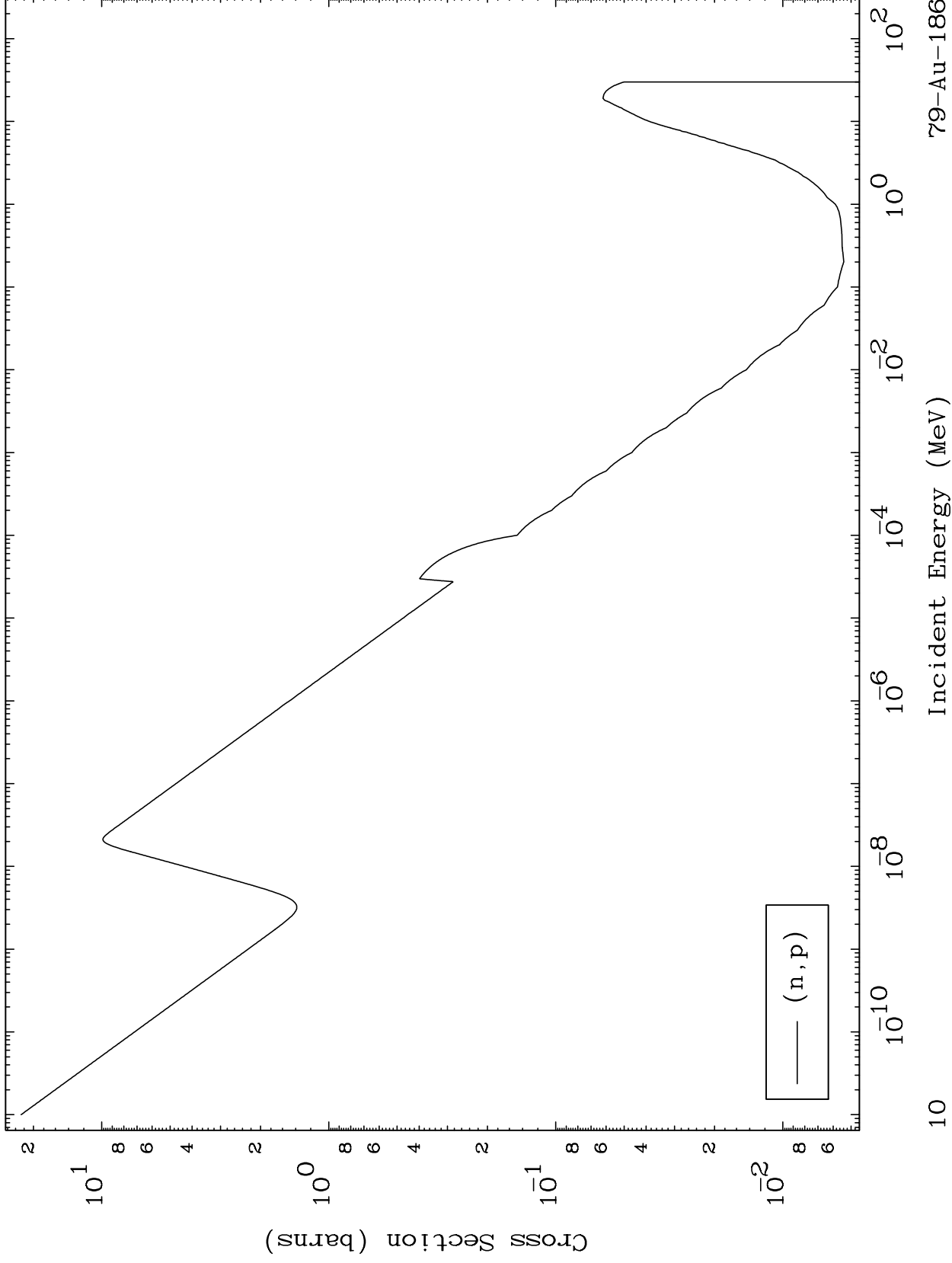
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,p) Levels
293 Kelvin Cross Sections

79-Au-186



79-Au-186

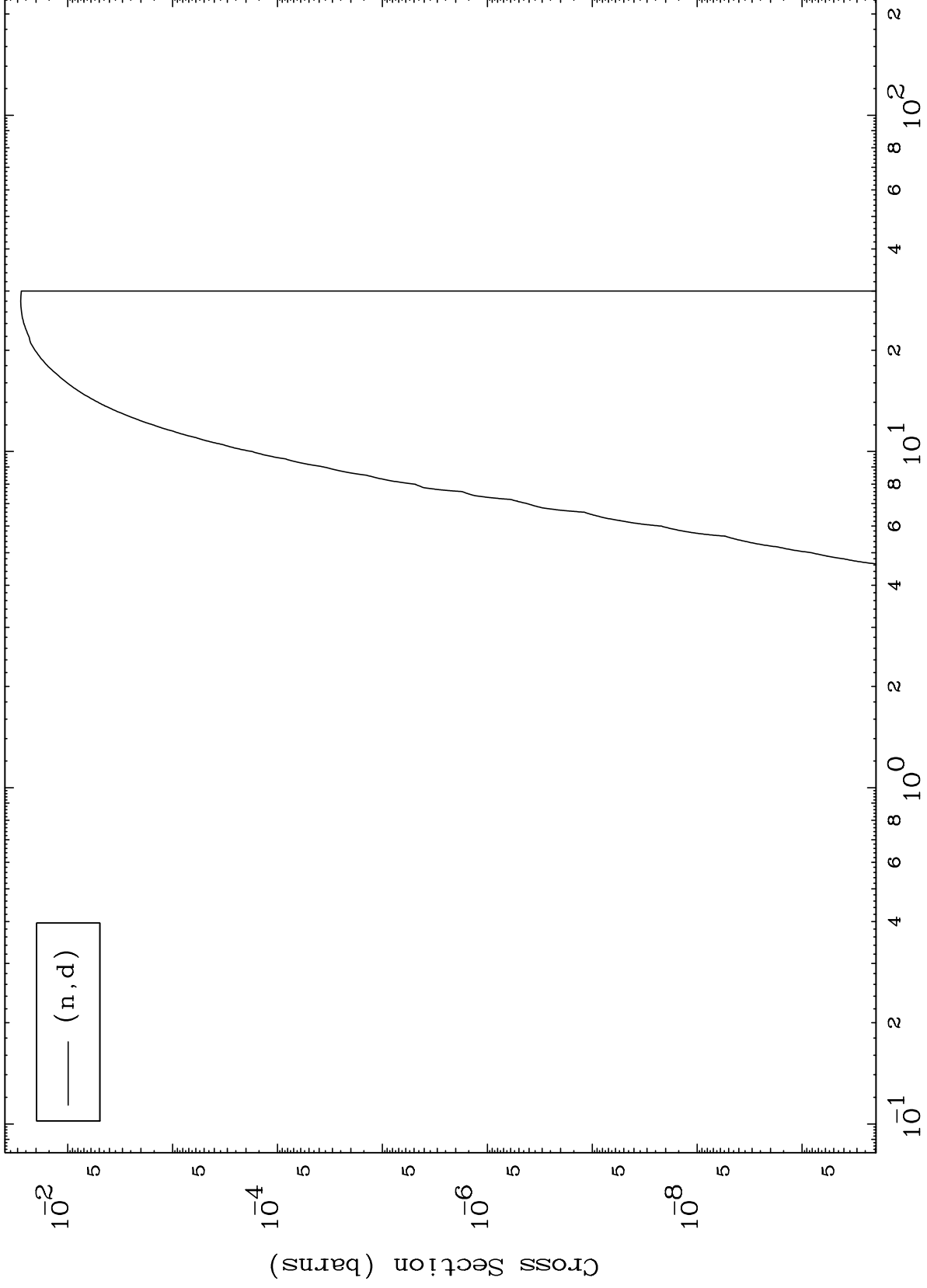
Incident Energy (MeV)

10

MAT 7892

(n,d) Levels
293 Kelvin Cross Sections

79-Au-186



11

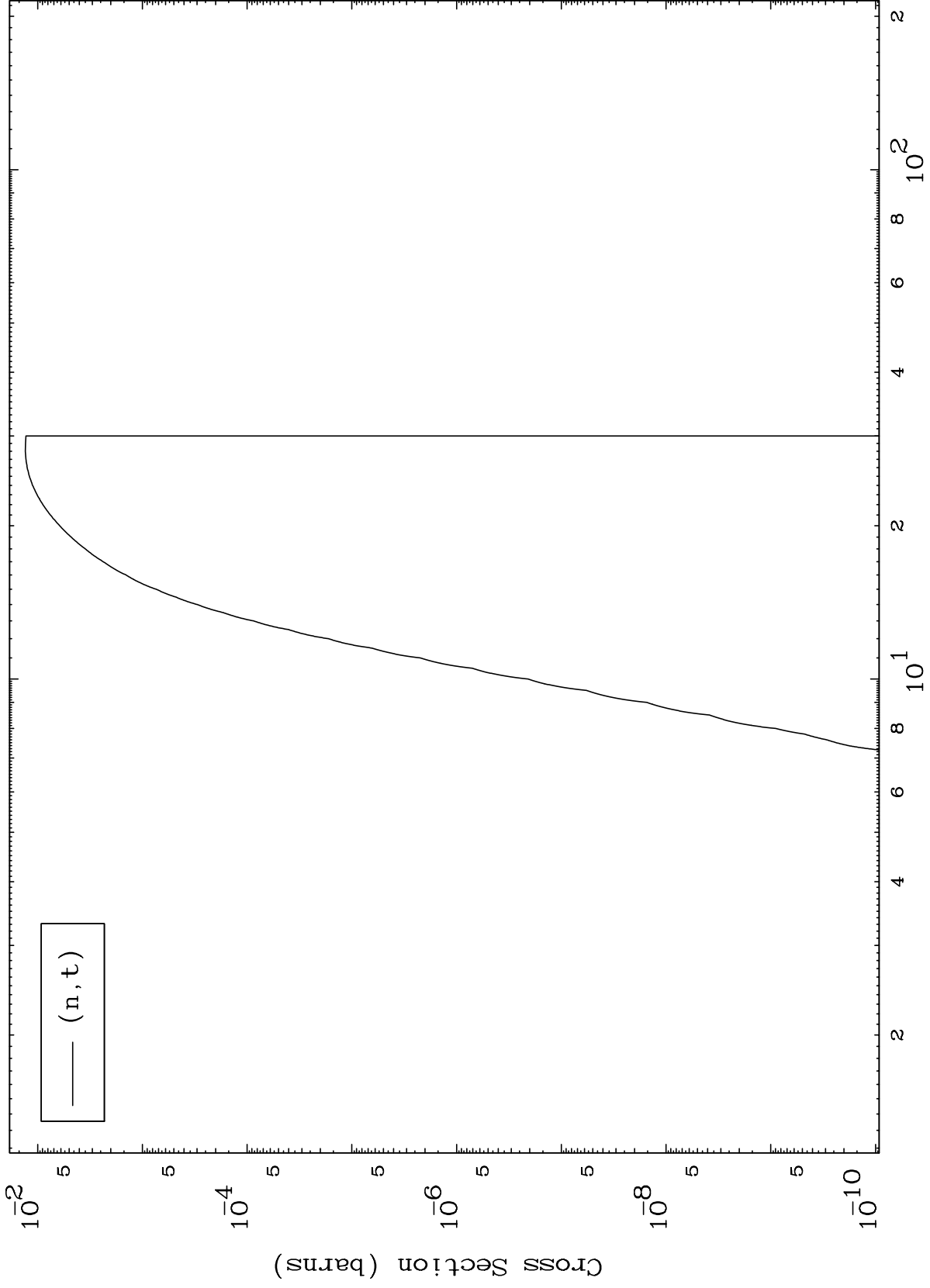
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,t) Levels
293 Kelvin Cross Sections

79-Au-186



12

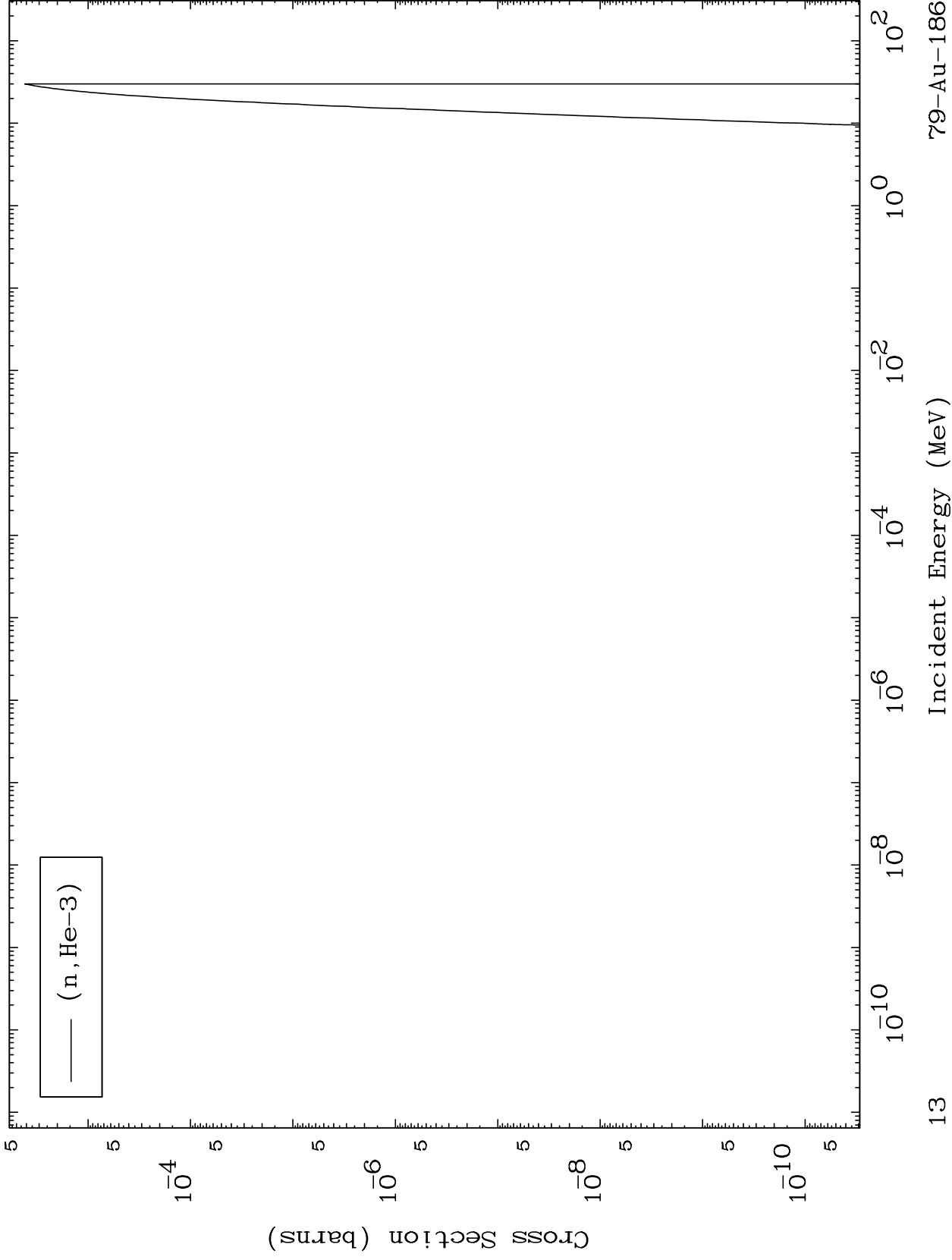
Incident Energy (MeV)

79-Au-186

MAT 7892

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-186



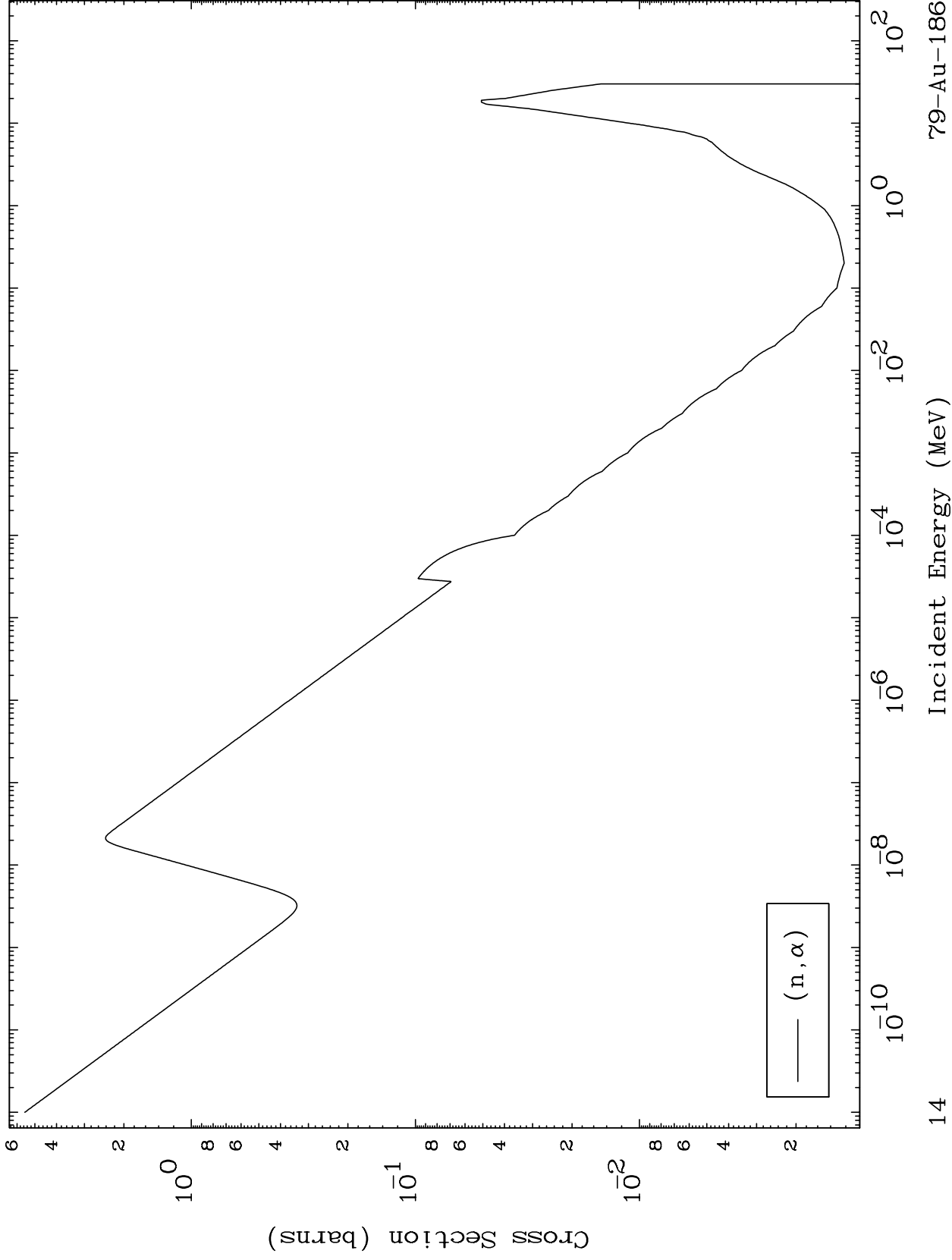
13

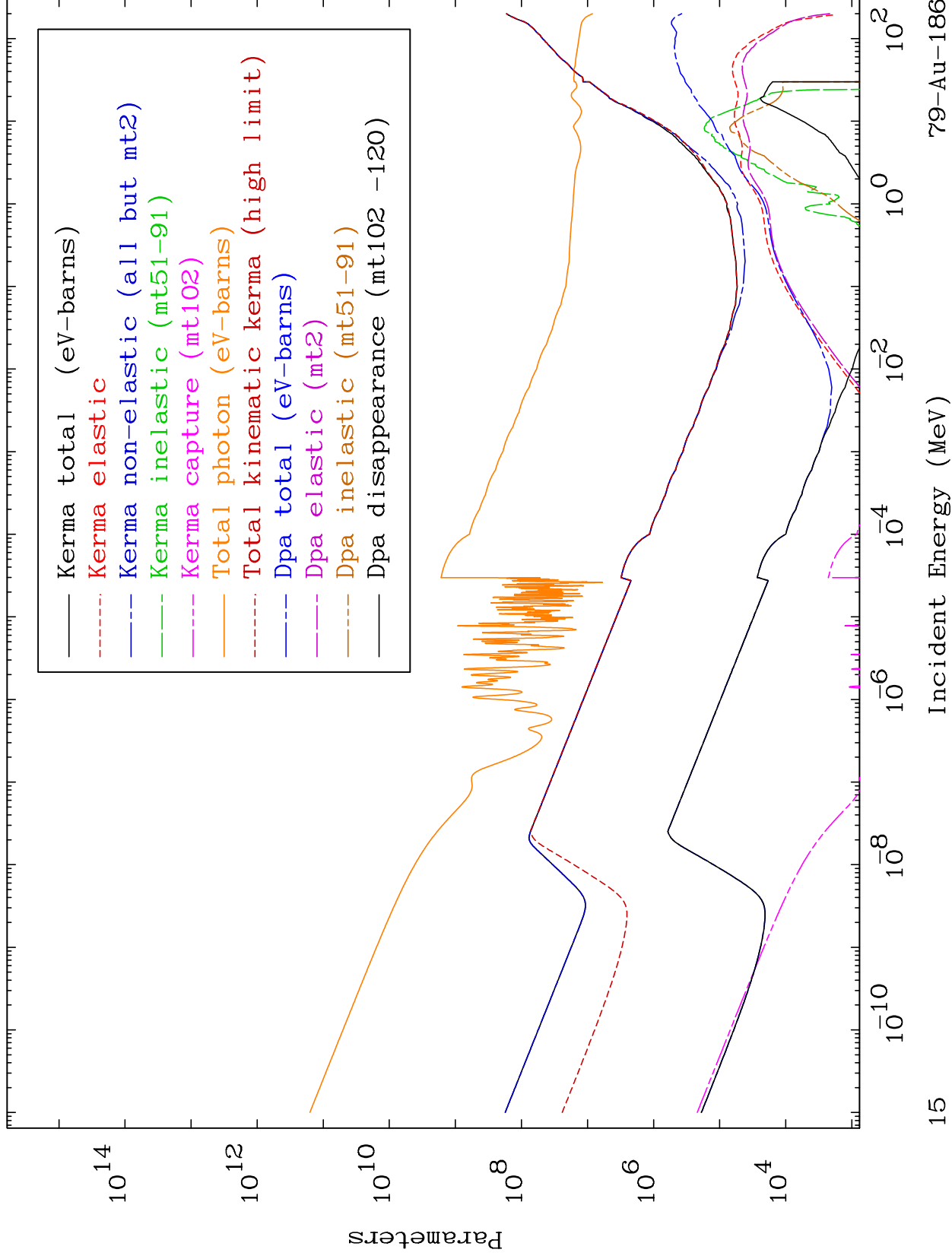
79-Au-186

MAT 7892

(n,α) Levels
293 Kelvin Cross Sections

79-Au-186

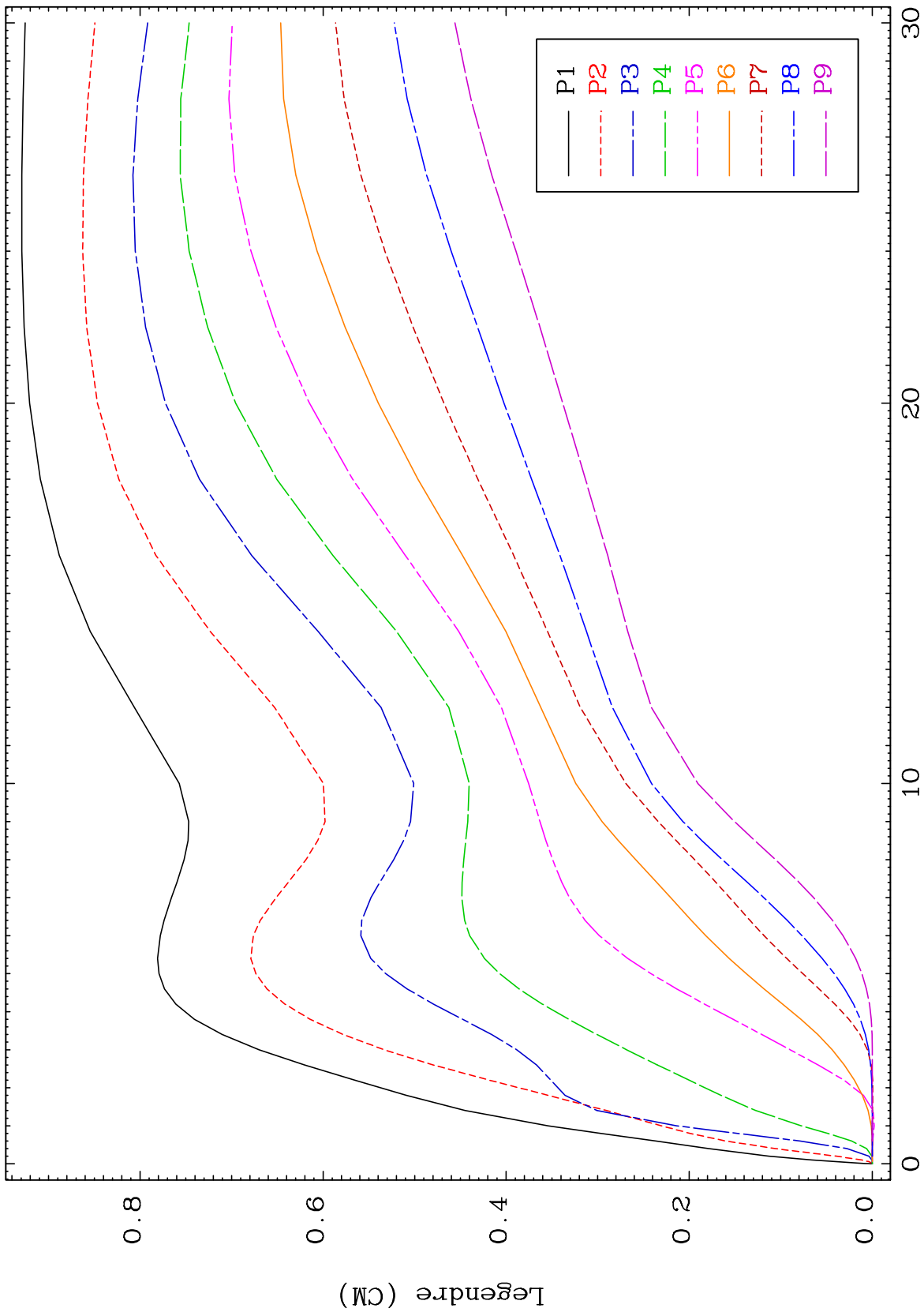




MAT 7892

79-Au-186

Elastic Legendre Coefficients



16

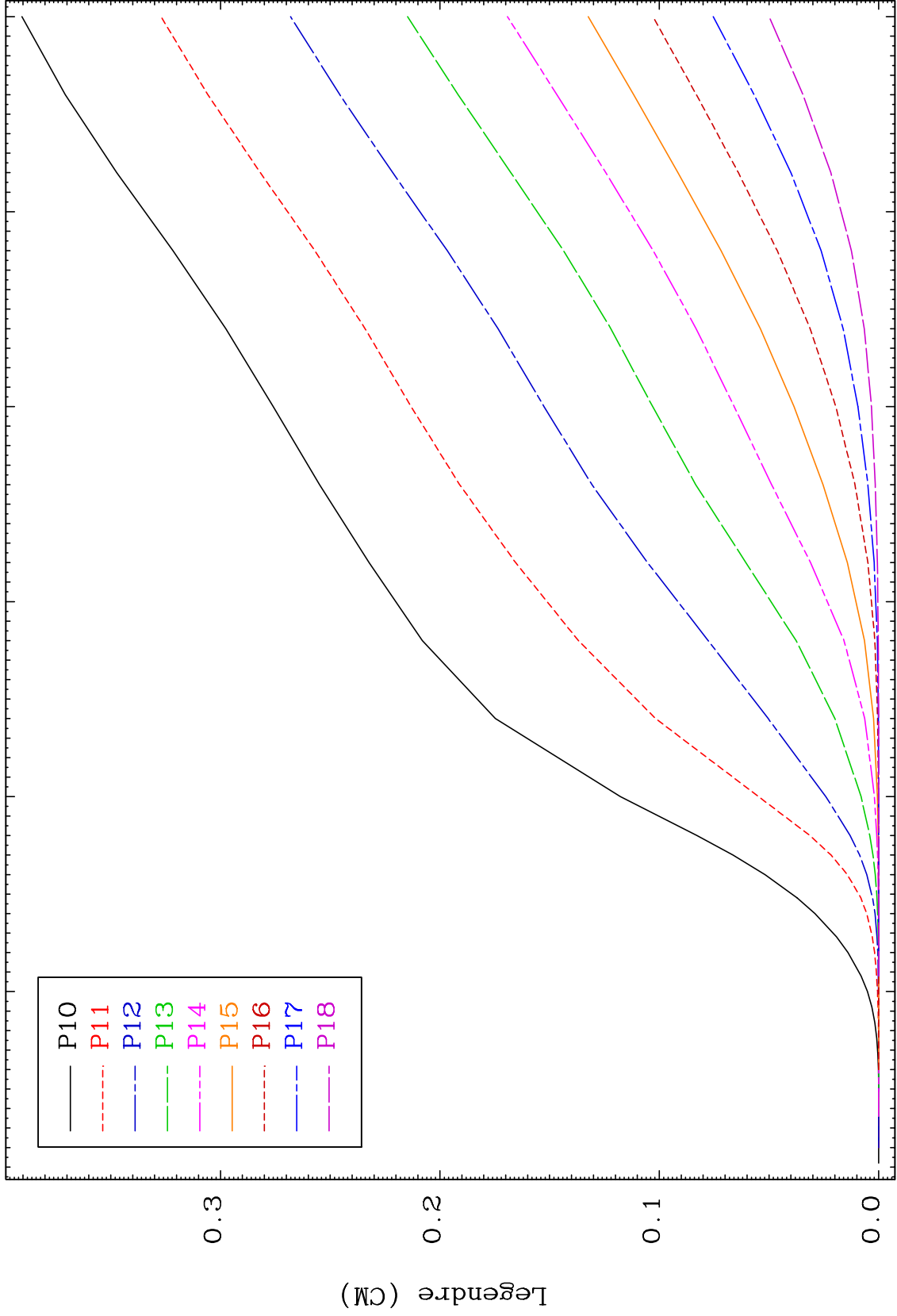
Incident Energy (MeV)

79-Au-186

MAT 7892

Elastic Legendre Coefficients

⁷⁹Au-186



17

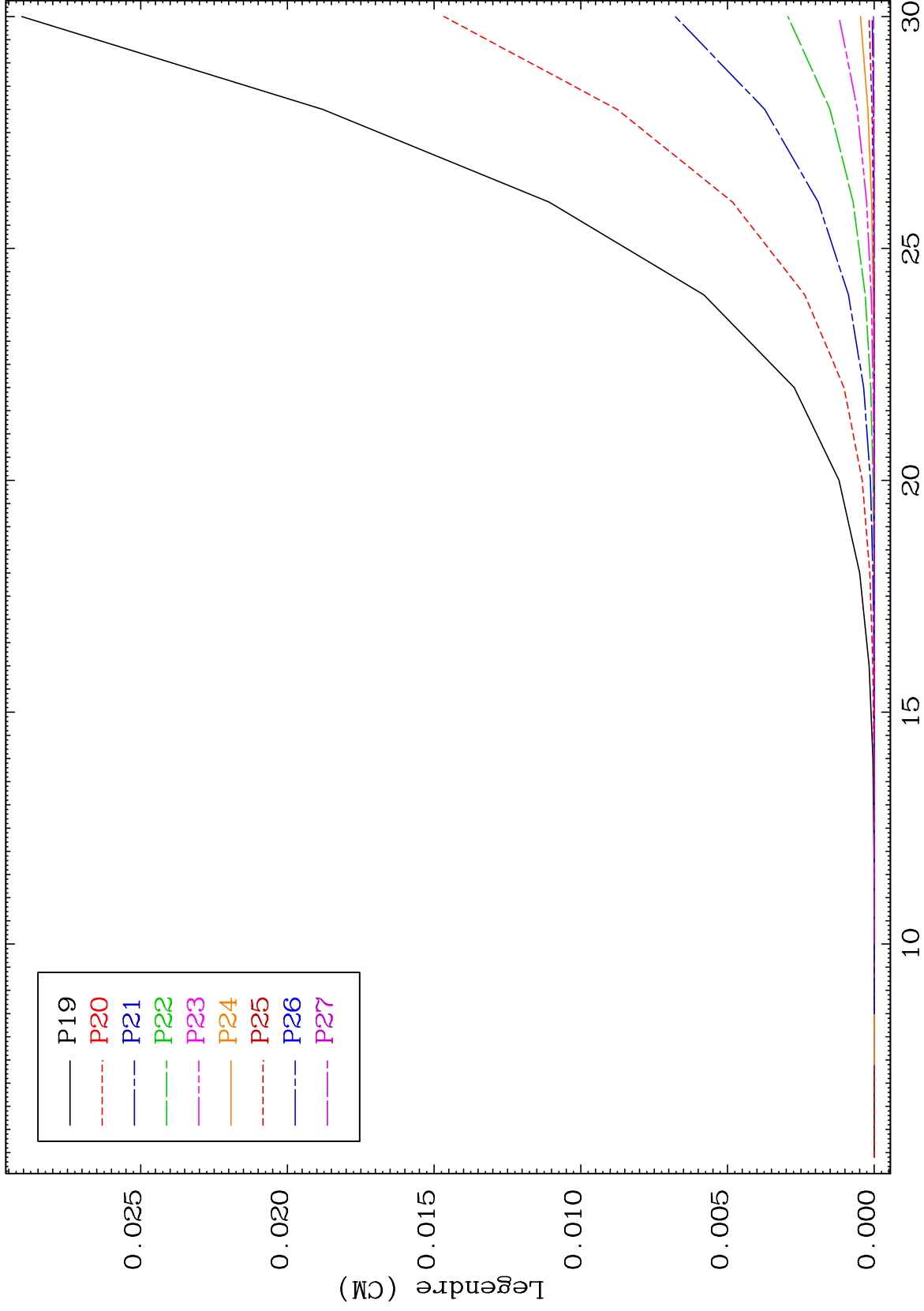
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

Elastic Legendre Coefficients

79-Au-186



18

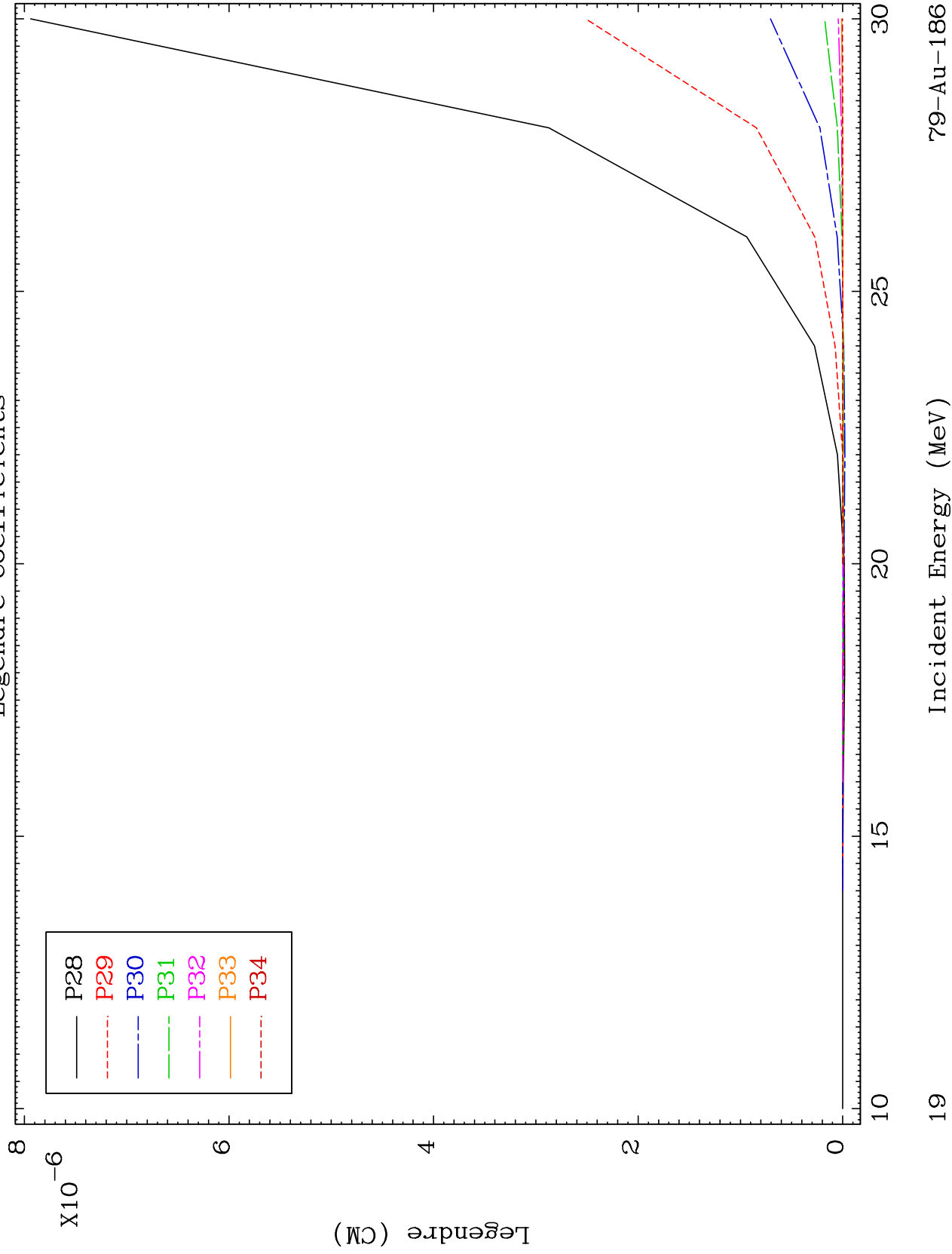
Incident Energy (MeV)

79-Au-186

MAT 7892

Elastic
Legendre Coefficients

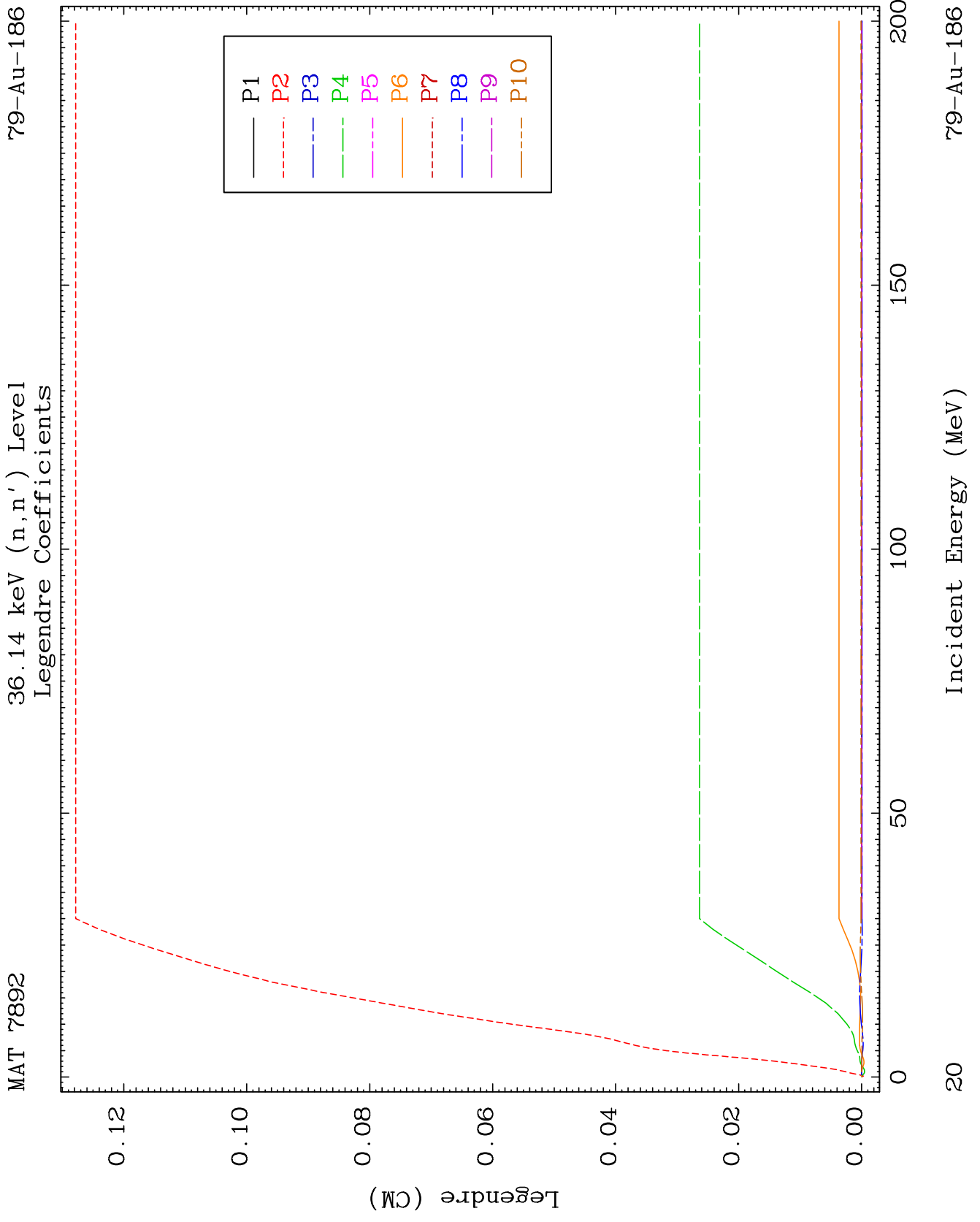
79-Au-186



19

Incident Energy (MeV)

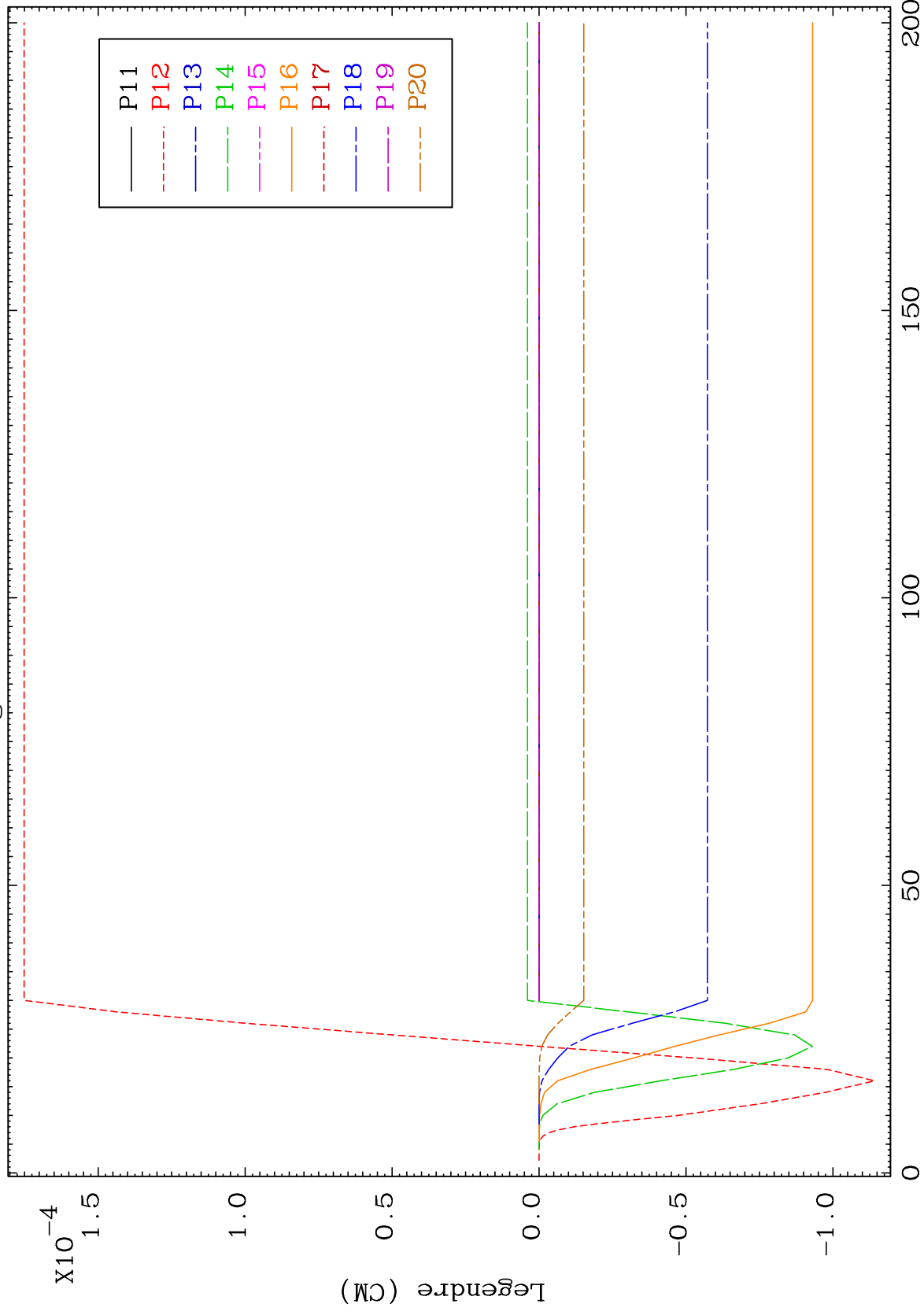
79-Au-186



MAT 7892

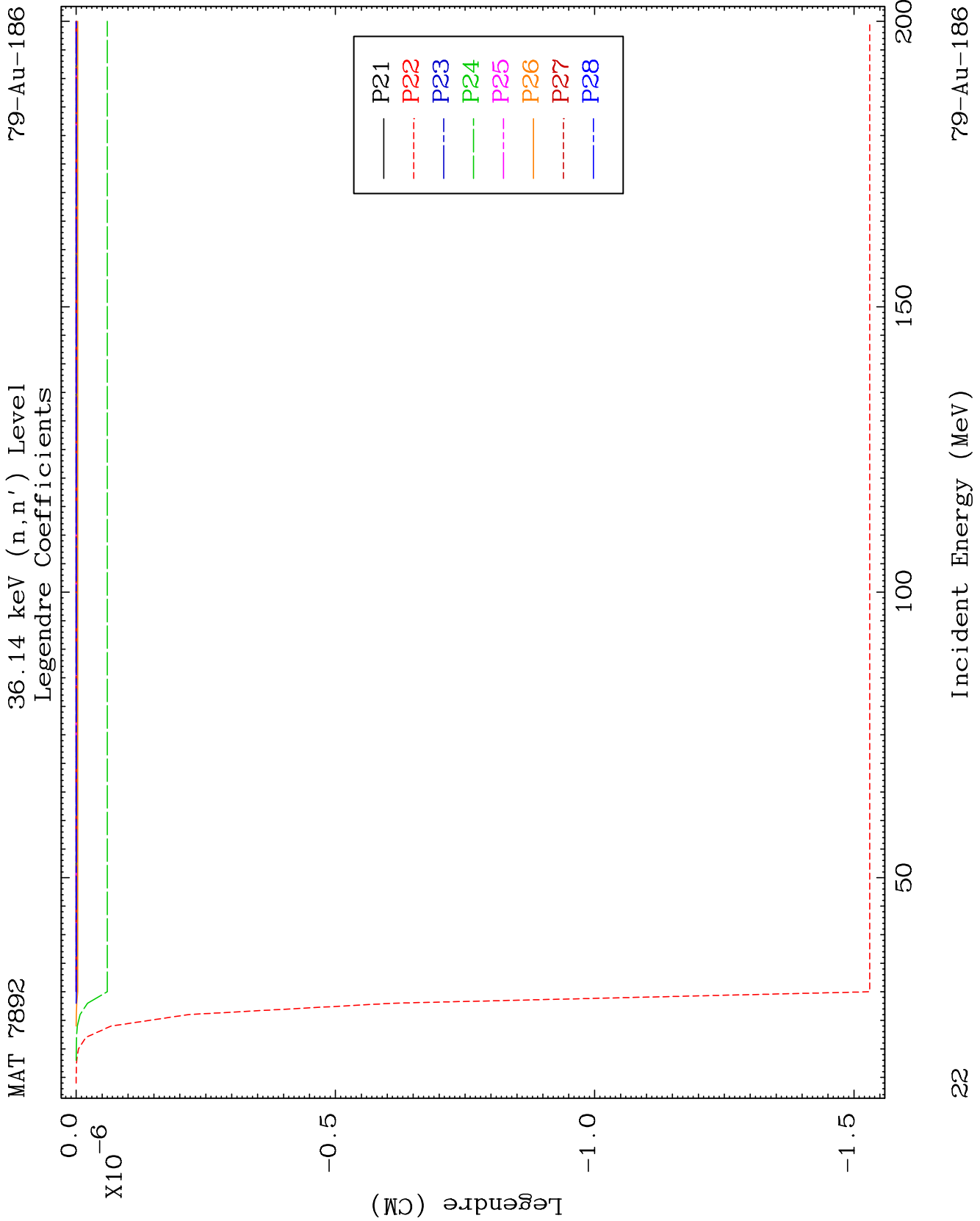
36.14 keV (n,n') Level
Legendre Coefficients

79-Au-186



21

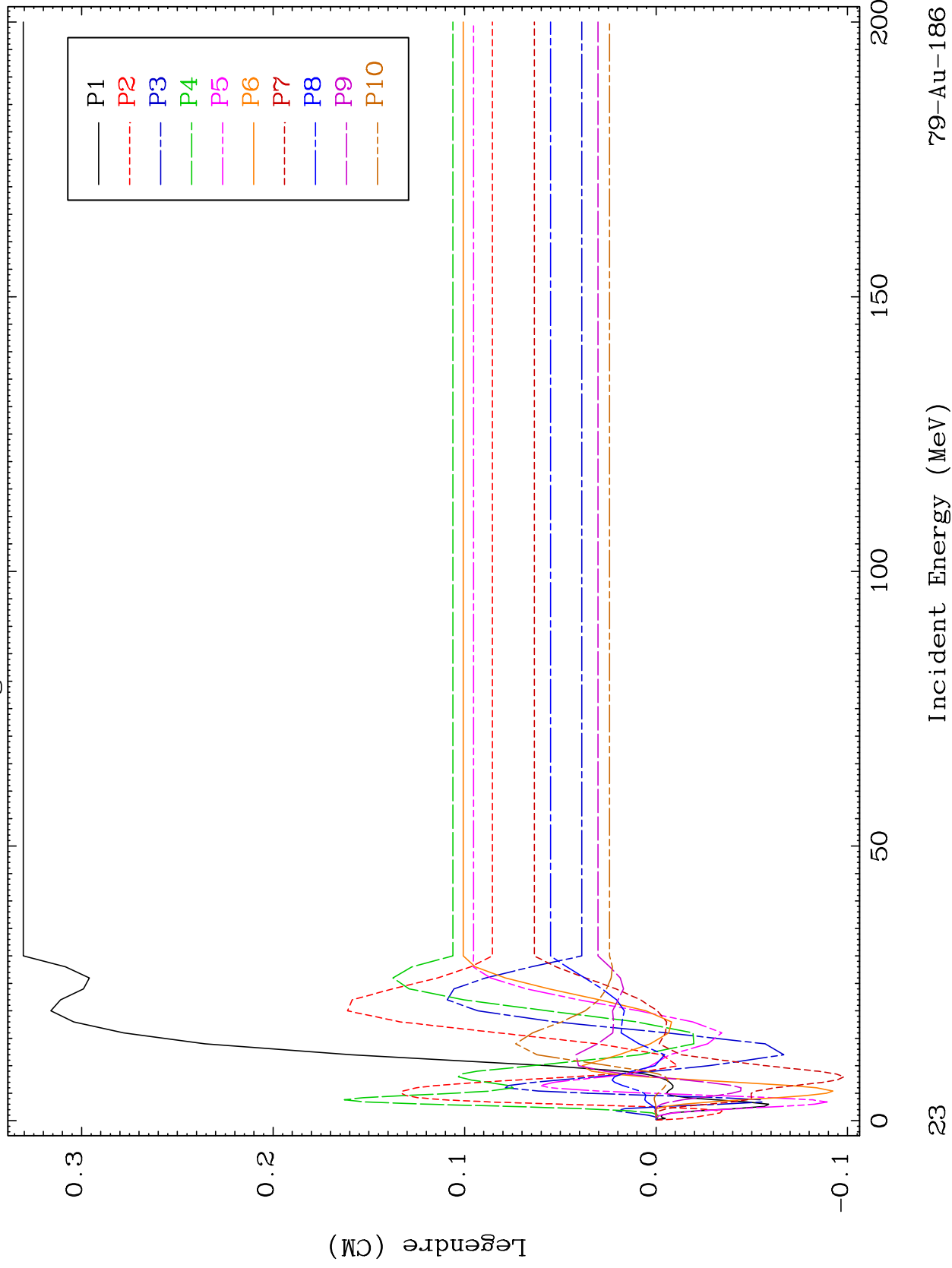
79-Au-186



MAT 7892

113.9 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

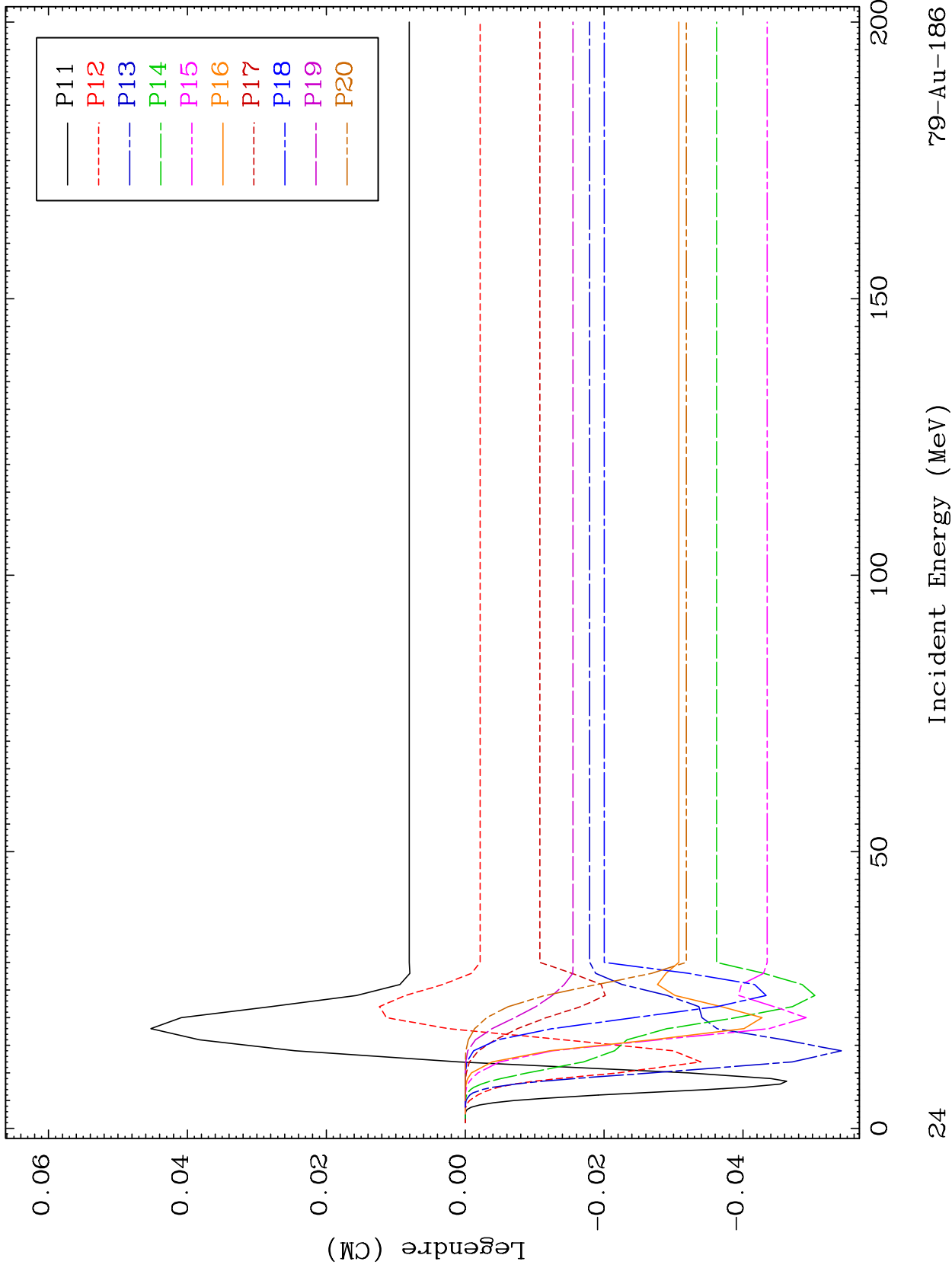
Incident Energy (MeV)

23

MAT 7892

113.9 keV (n,n') Level
Legendre Coefficients

79-Au-186



24

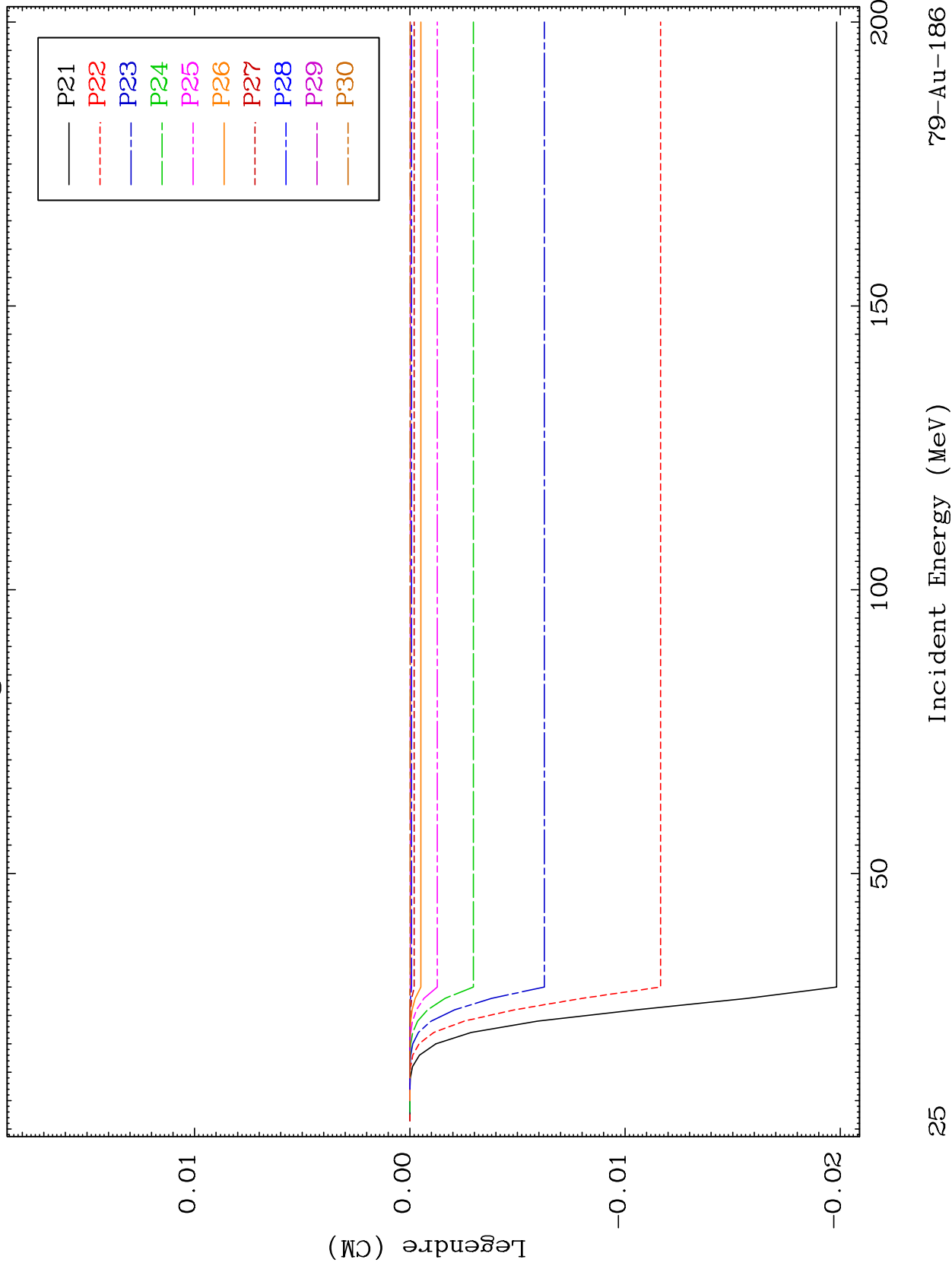
Incident Energy (MeV)

79-Au-186

MAT 7892

113.9 keV (n,n') Level
Legendre Coefficients

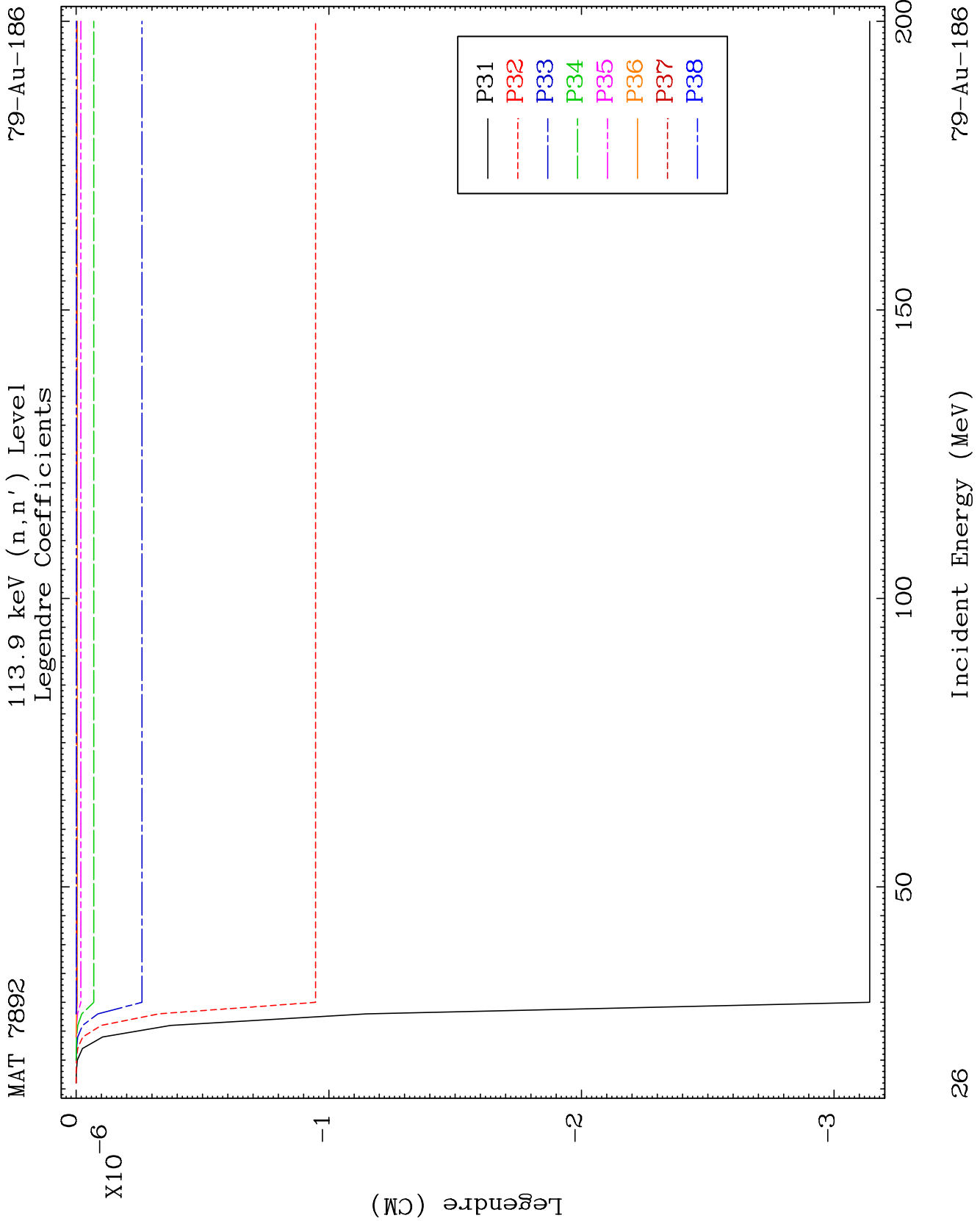
79-Au-186

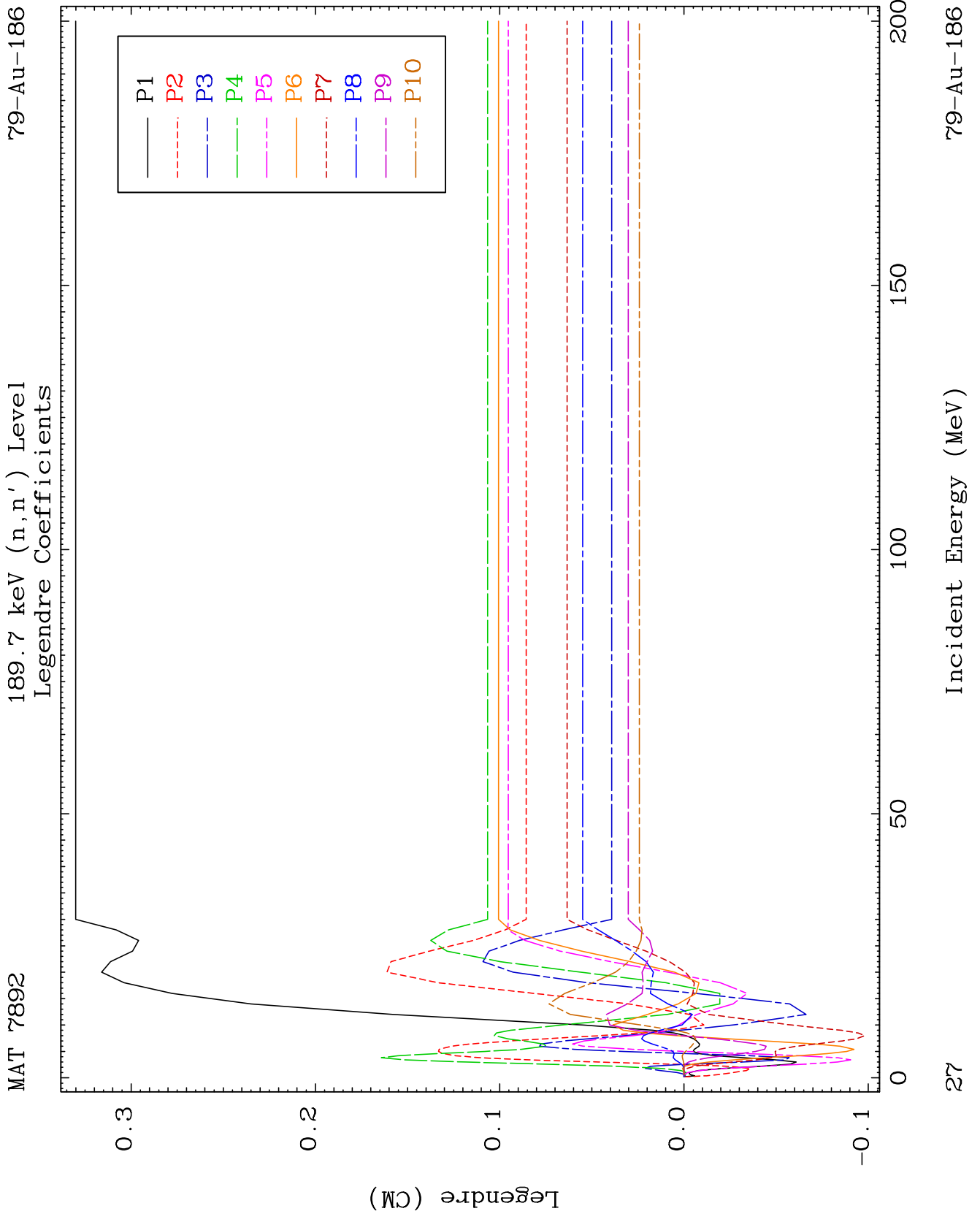


79-Au-186

Incident Energy (MeV)

25

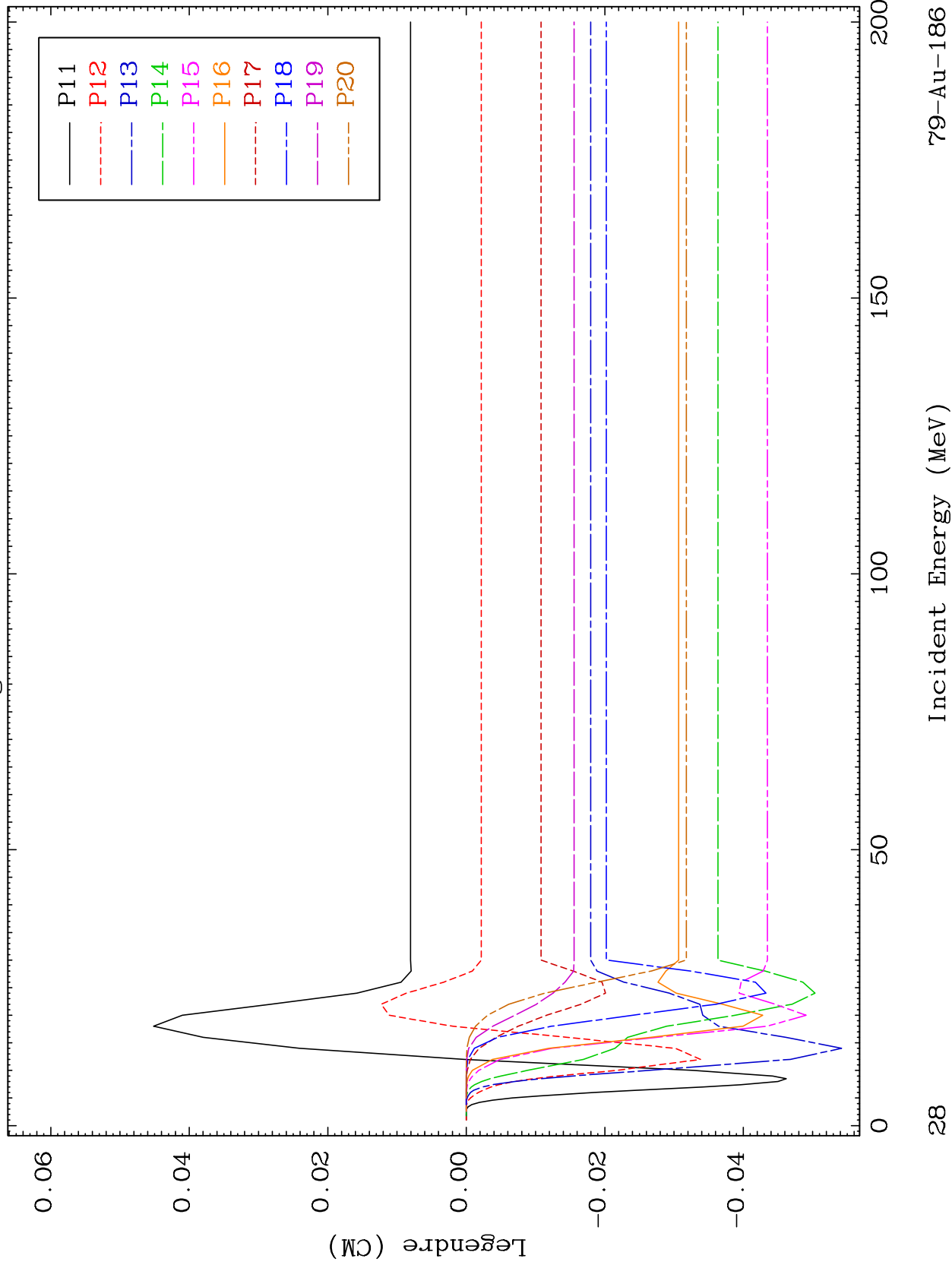




MAT 7892

189.7 keV (n,n') Level
Legendre Coefficients

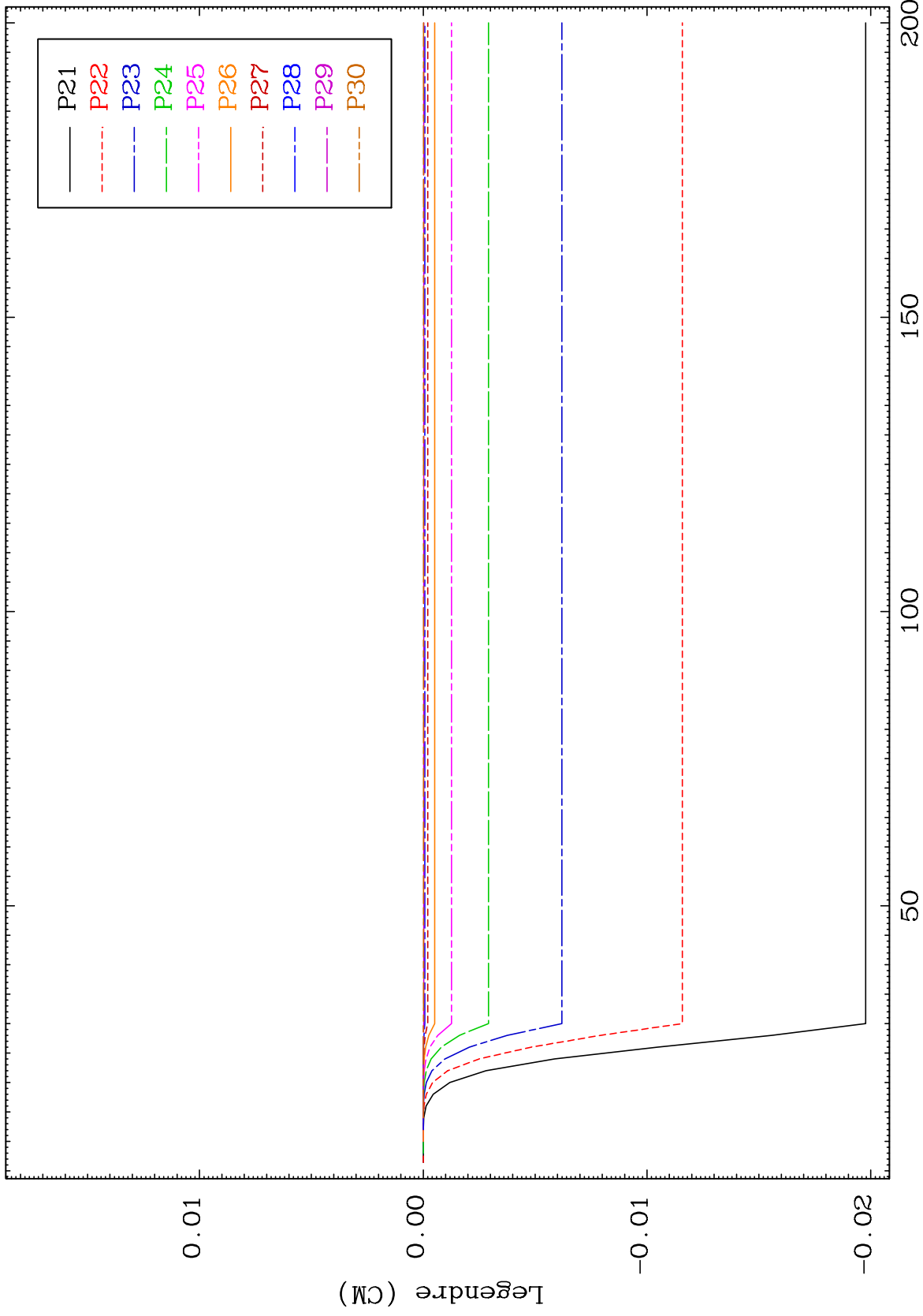
79-Au-186

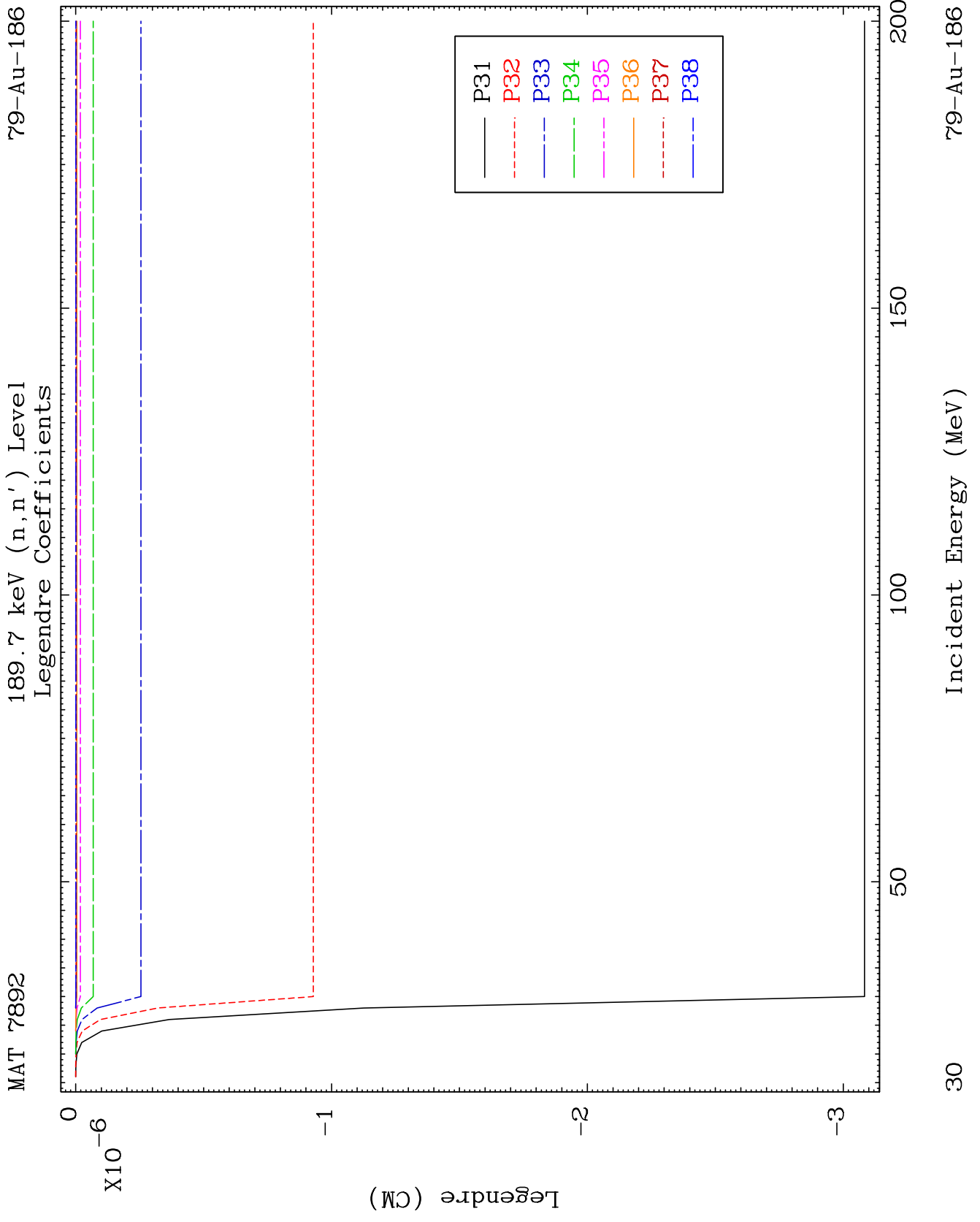


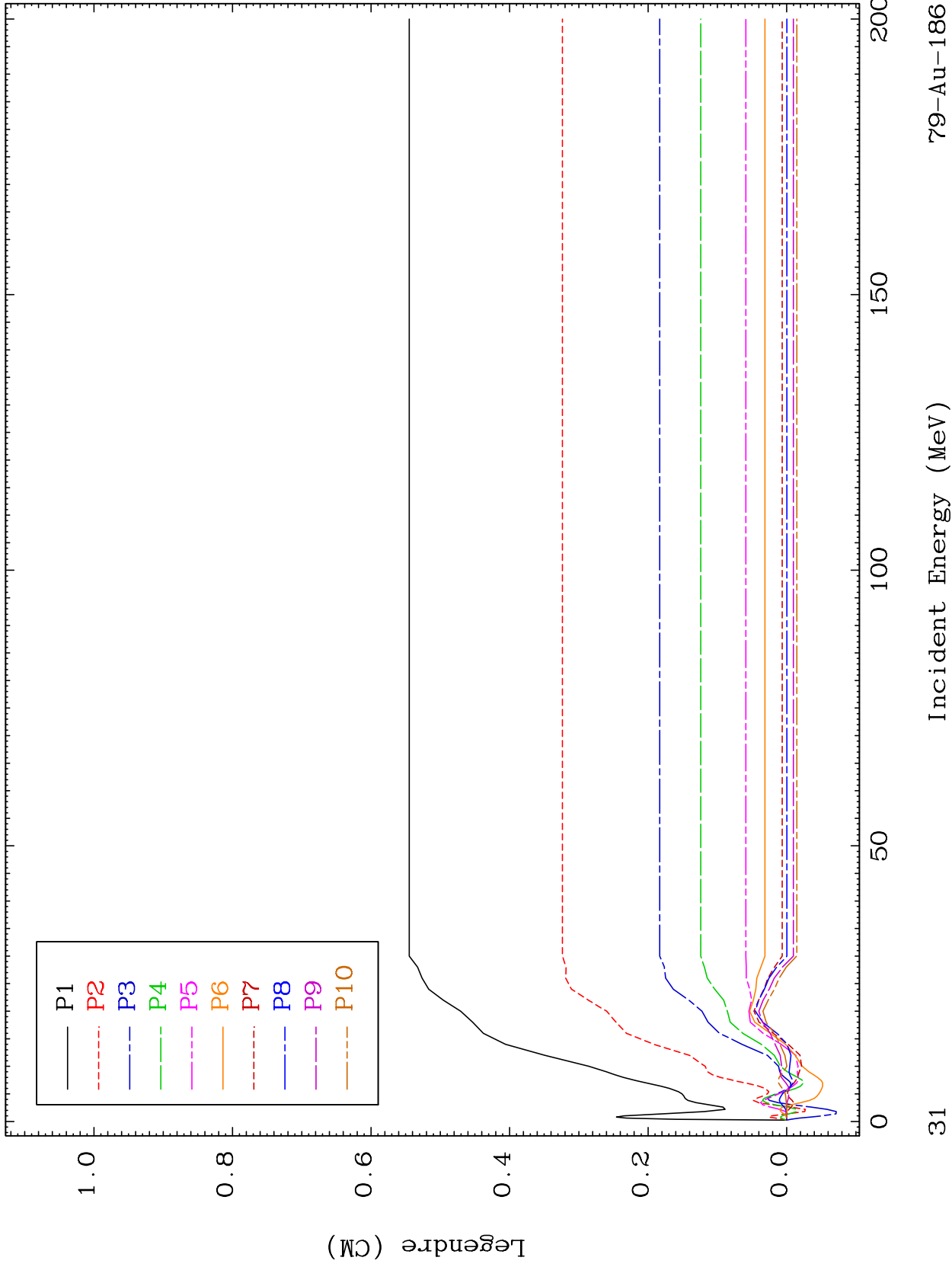
28

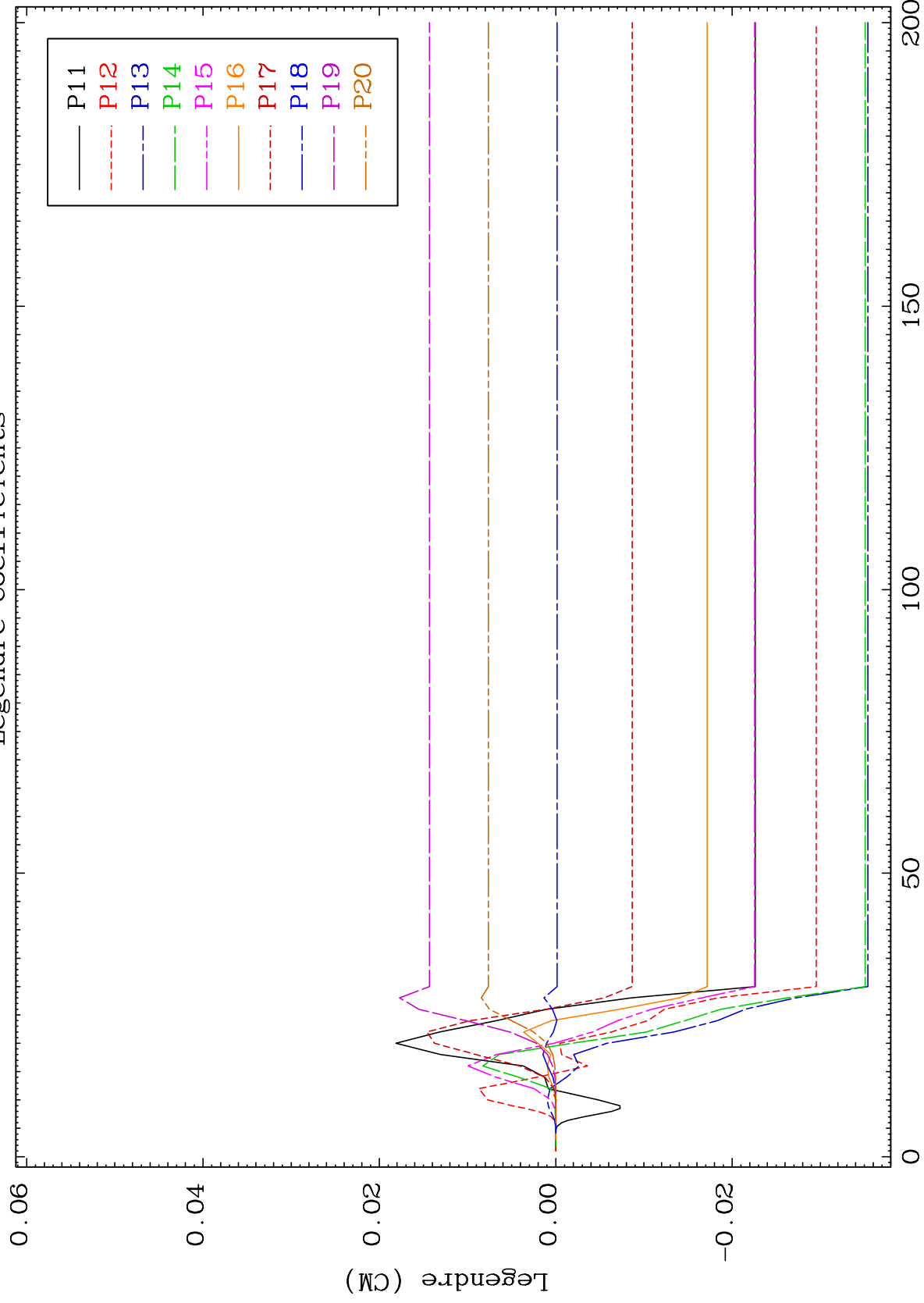
Incident Energy (MeV)

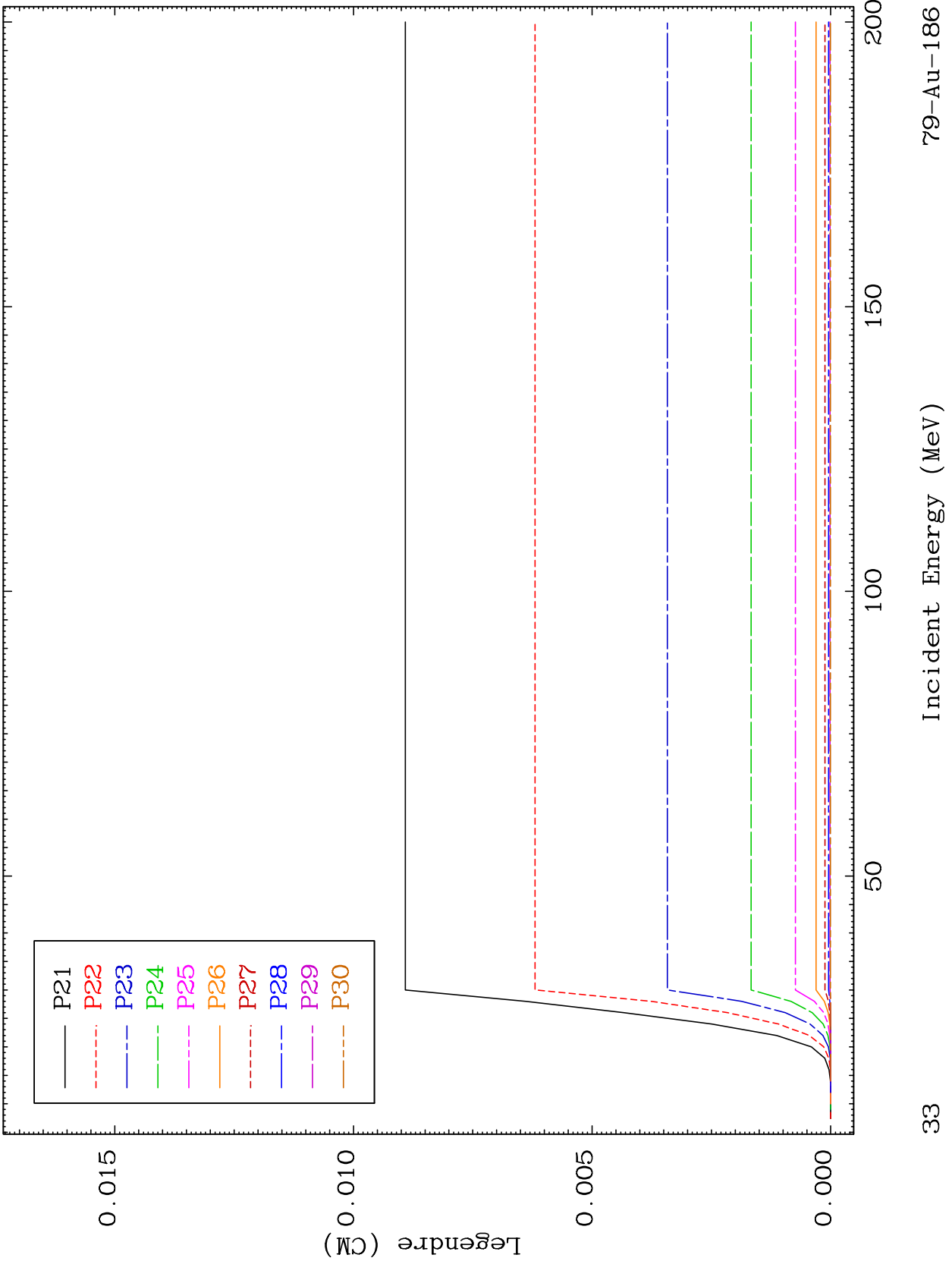
79-Au-186

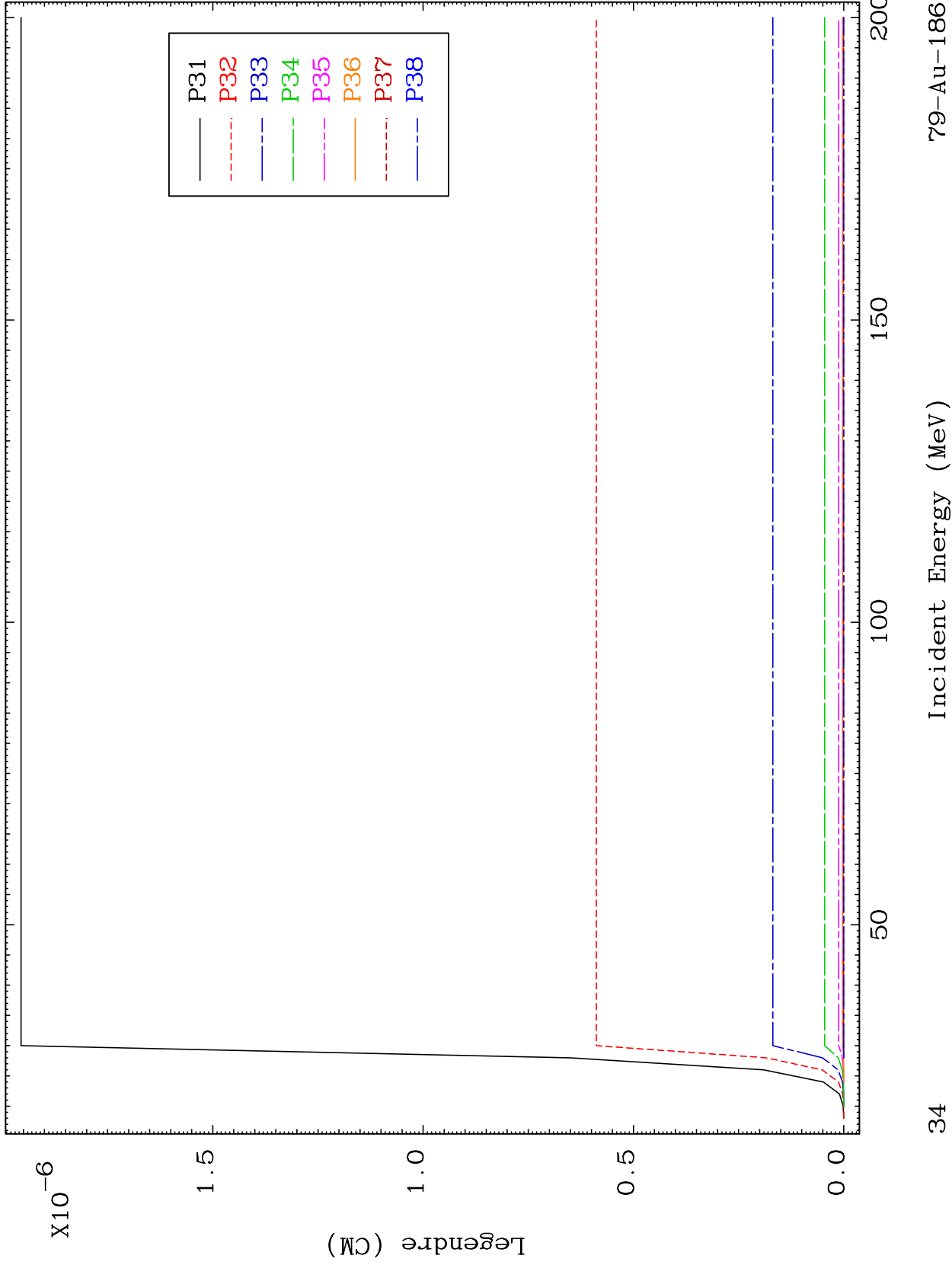


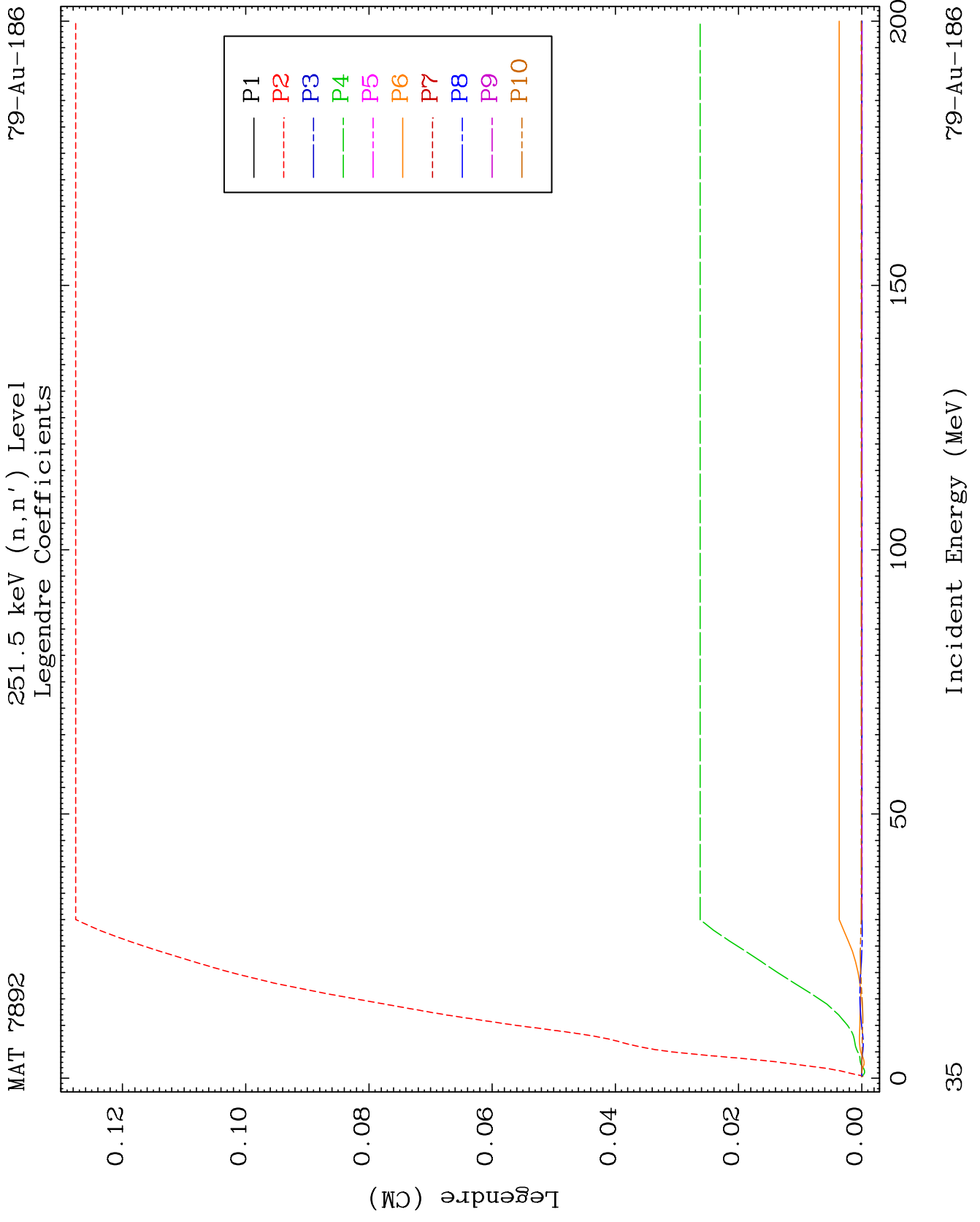


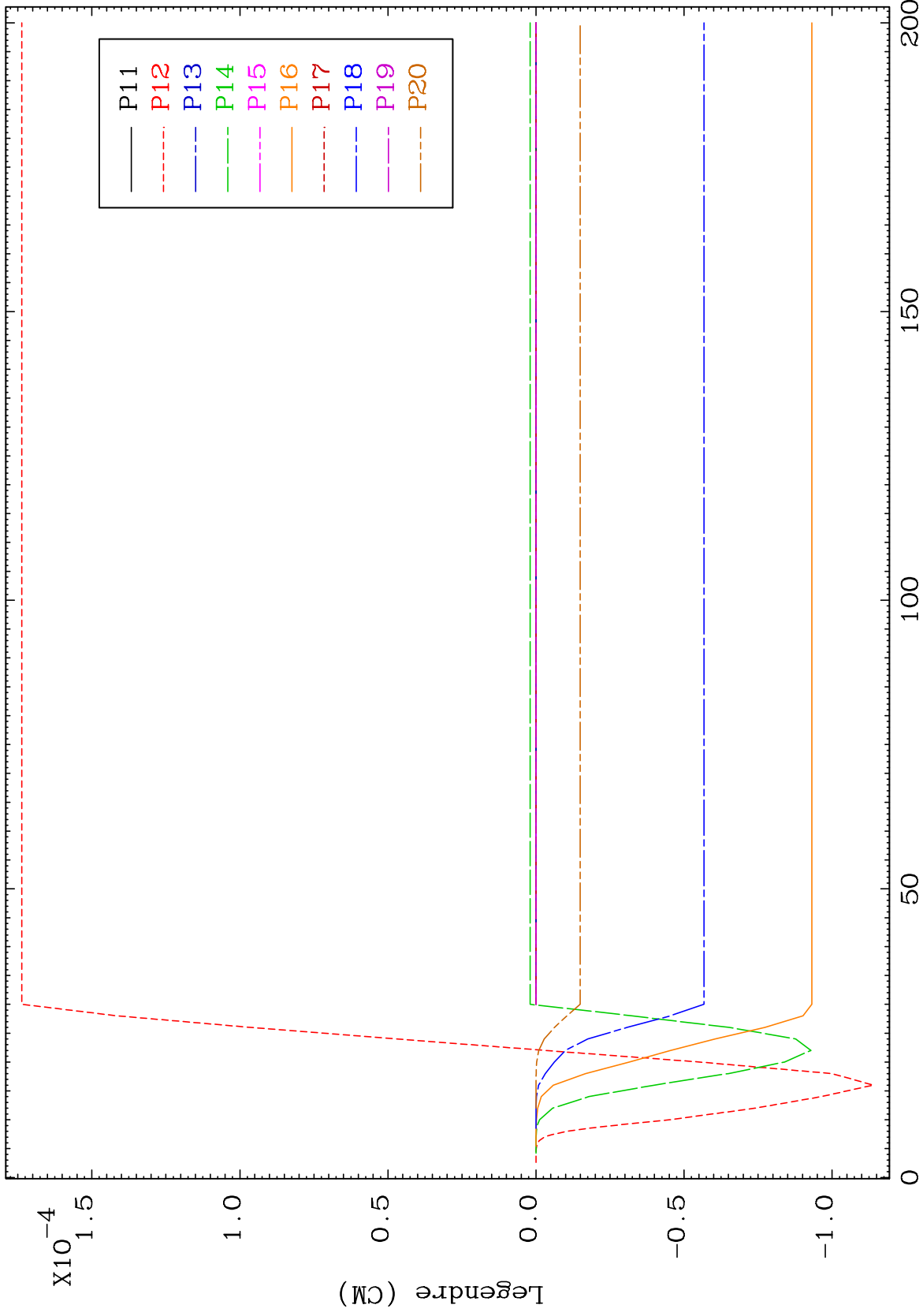


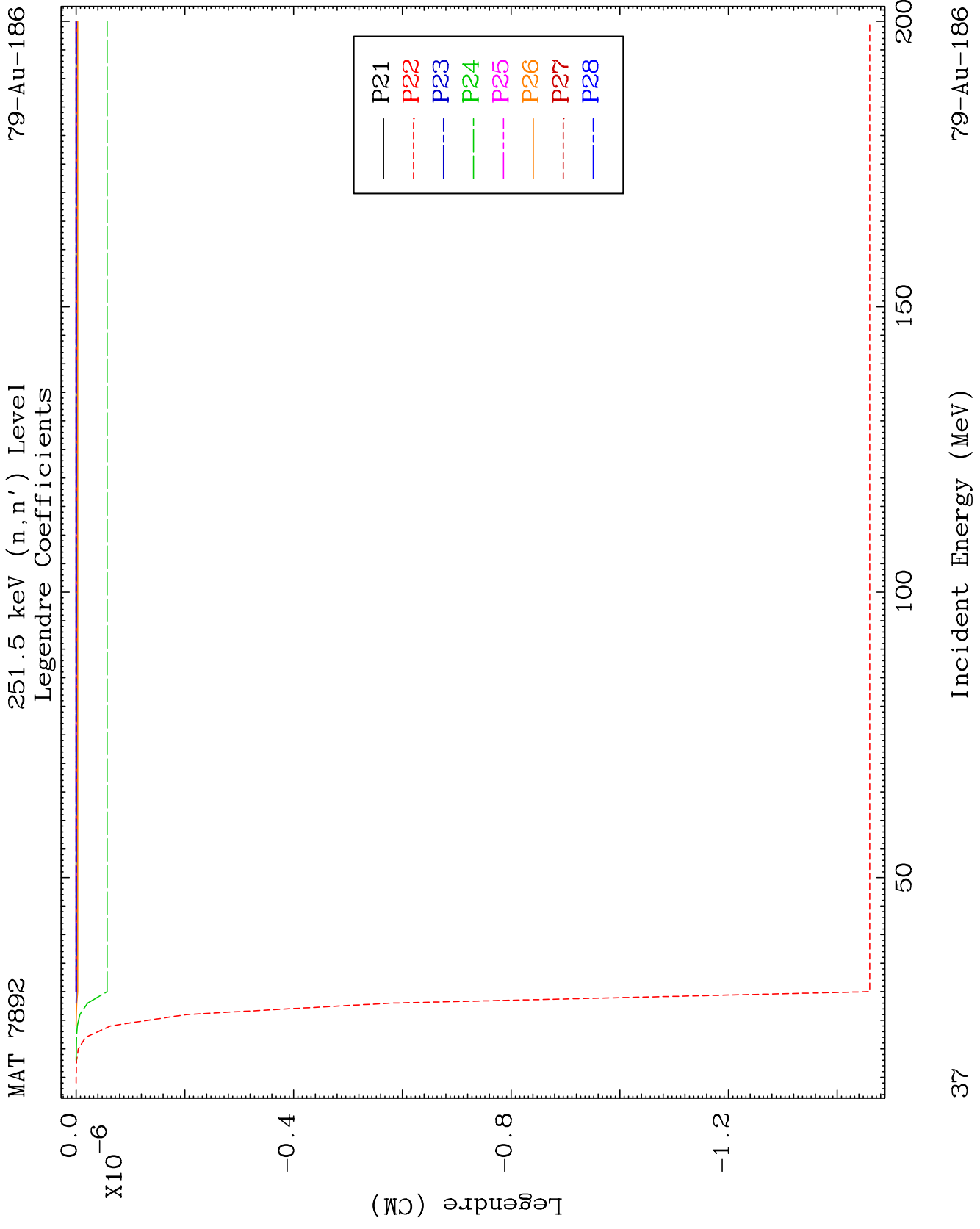








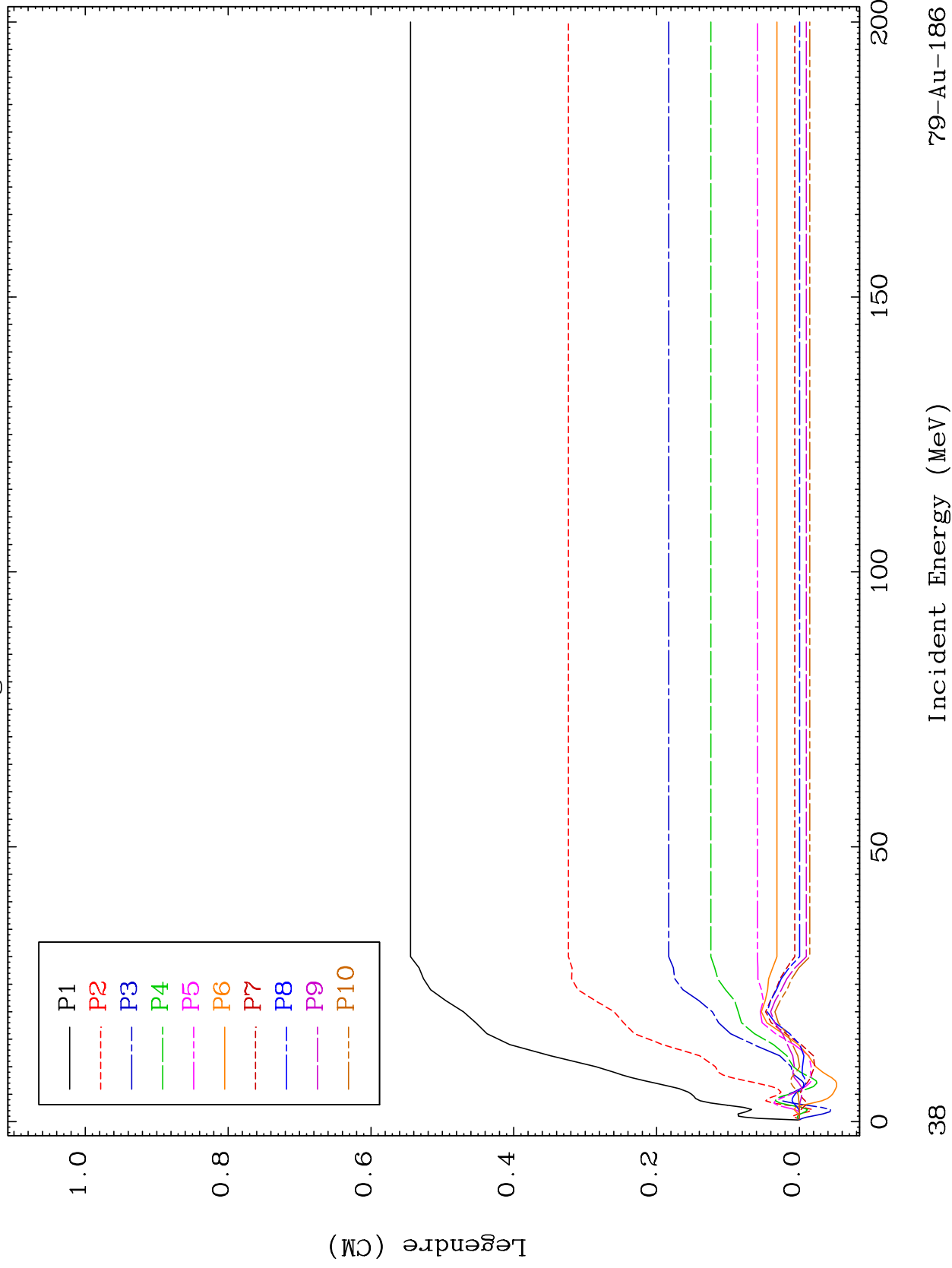




MAT 7892

288.0 keV (n,n') Level
Legendre Coefficients

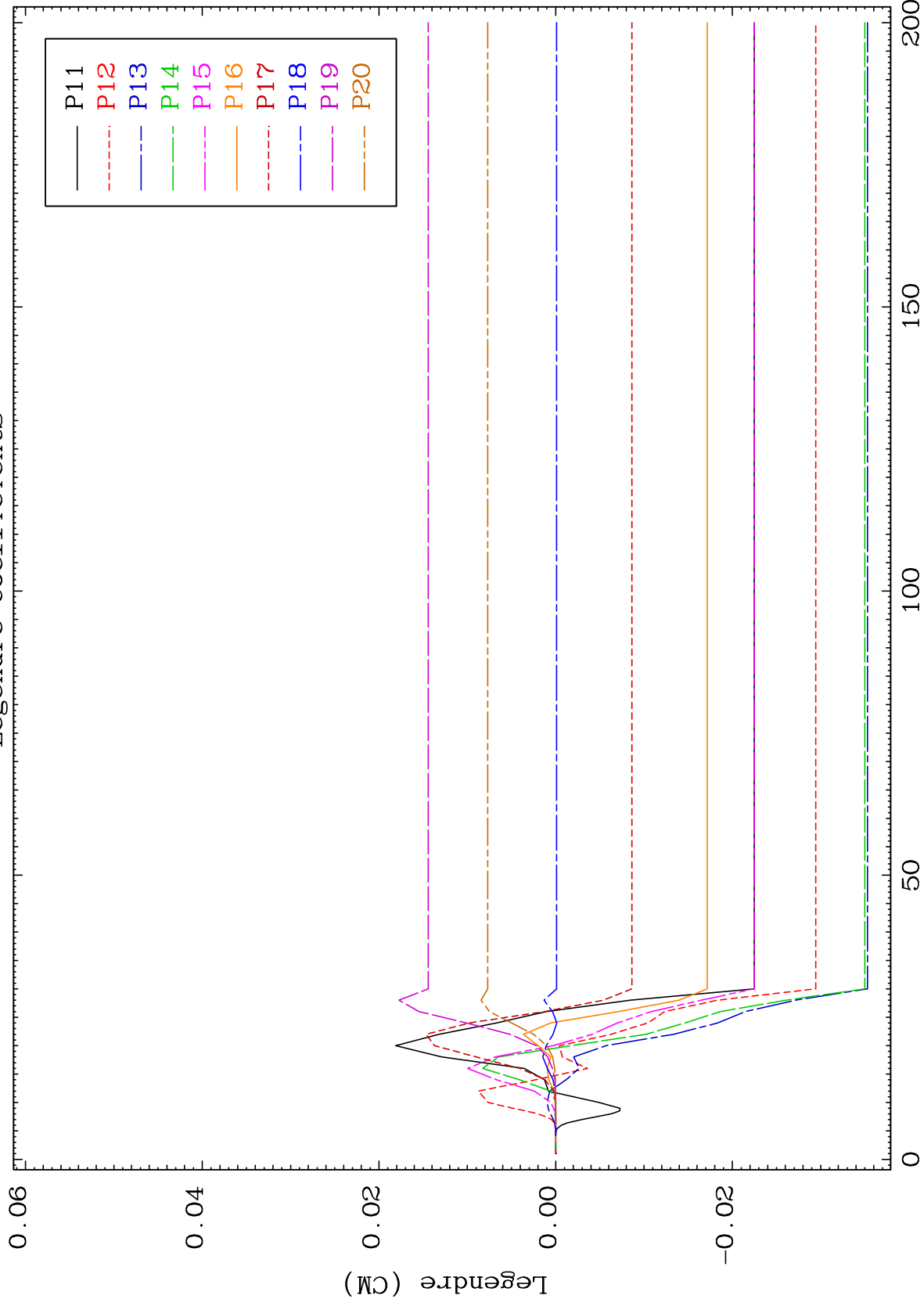
79-Au-186



79-Au-186

Incident Energy (MeV)

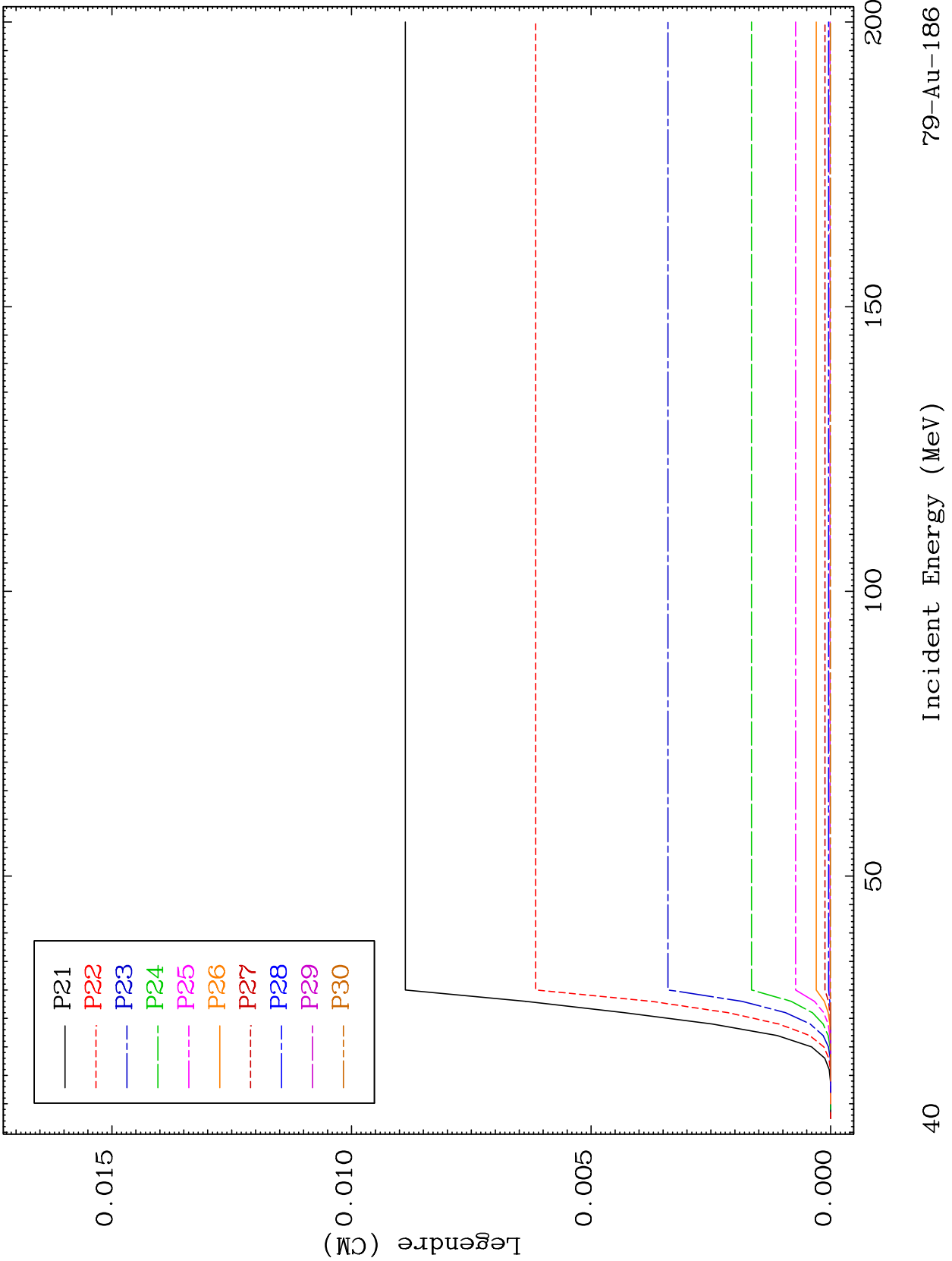
38



MAT 7892

288.0 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

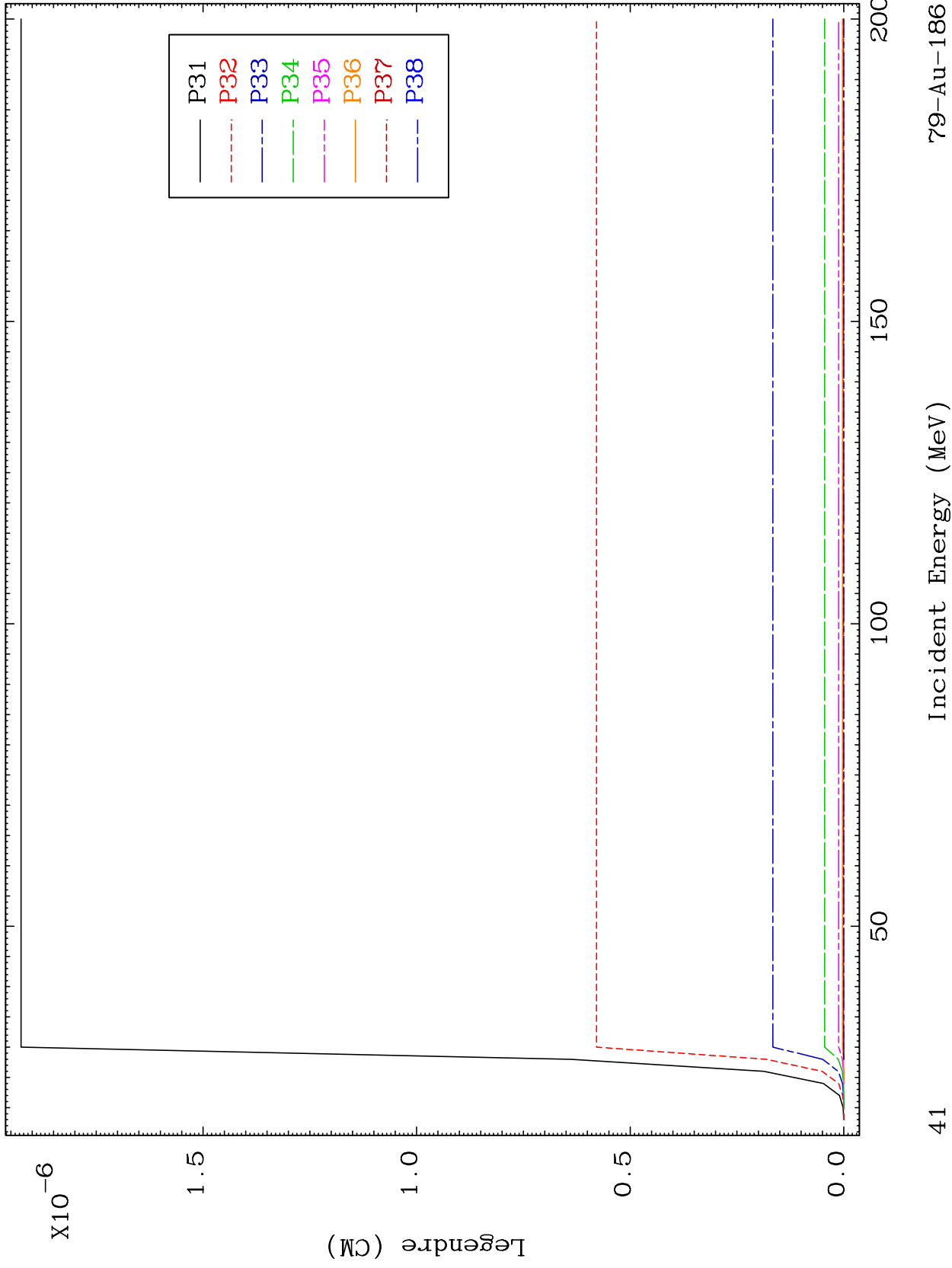
Incident Energy (MeV)

40

MAT 7892

288.0 keV (n,n') Level
Legendre Coefficients

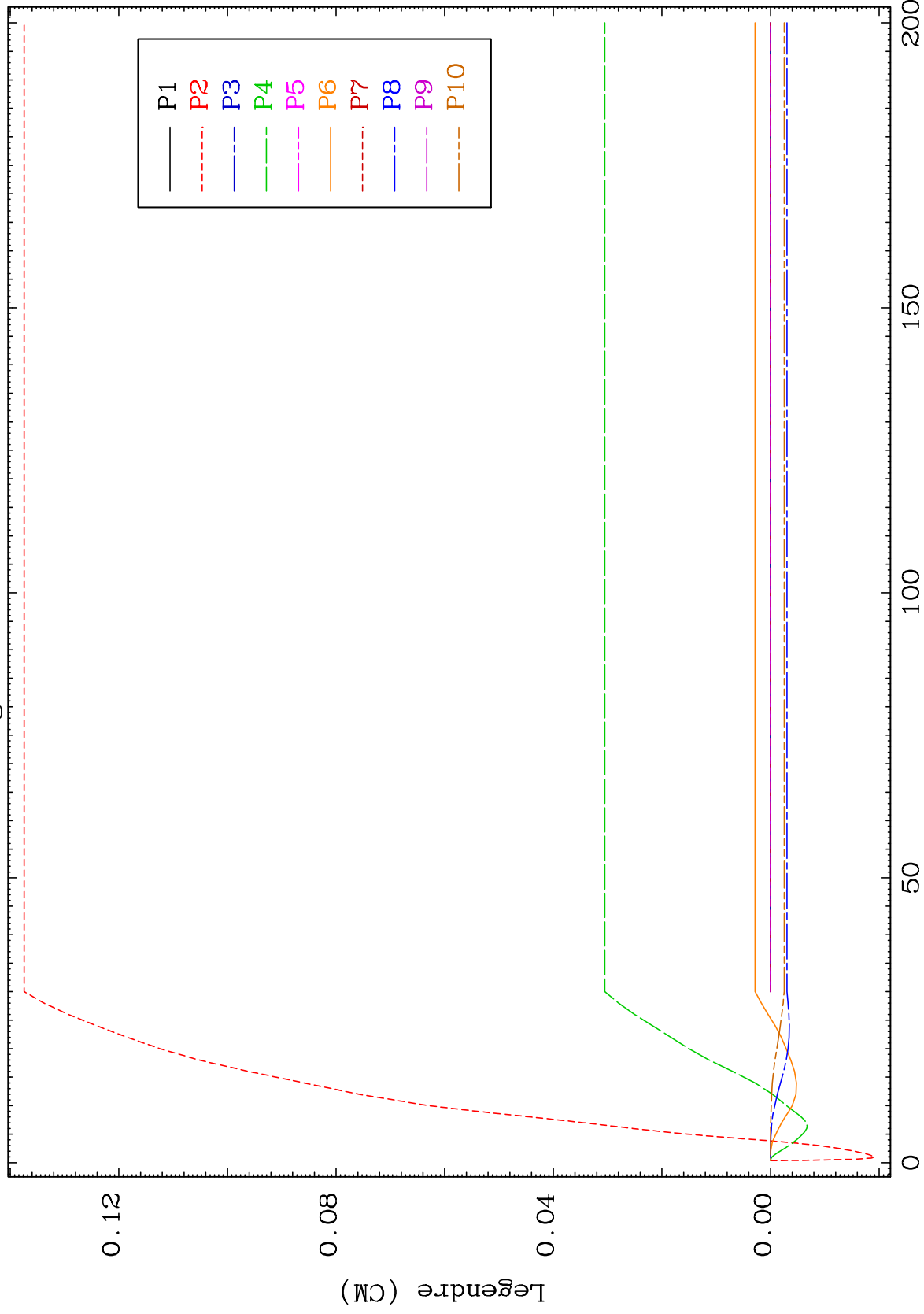
79-Au-186



MAT 7892

337.6 keV (n,n') Level
Legendre Coefficients

79-Au-186



42

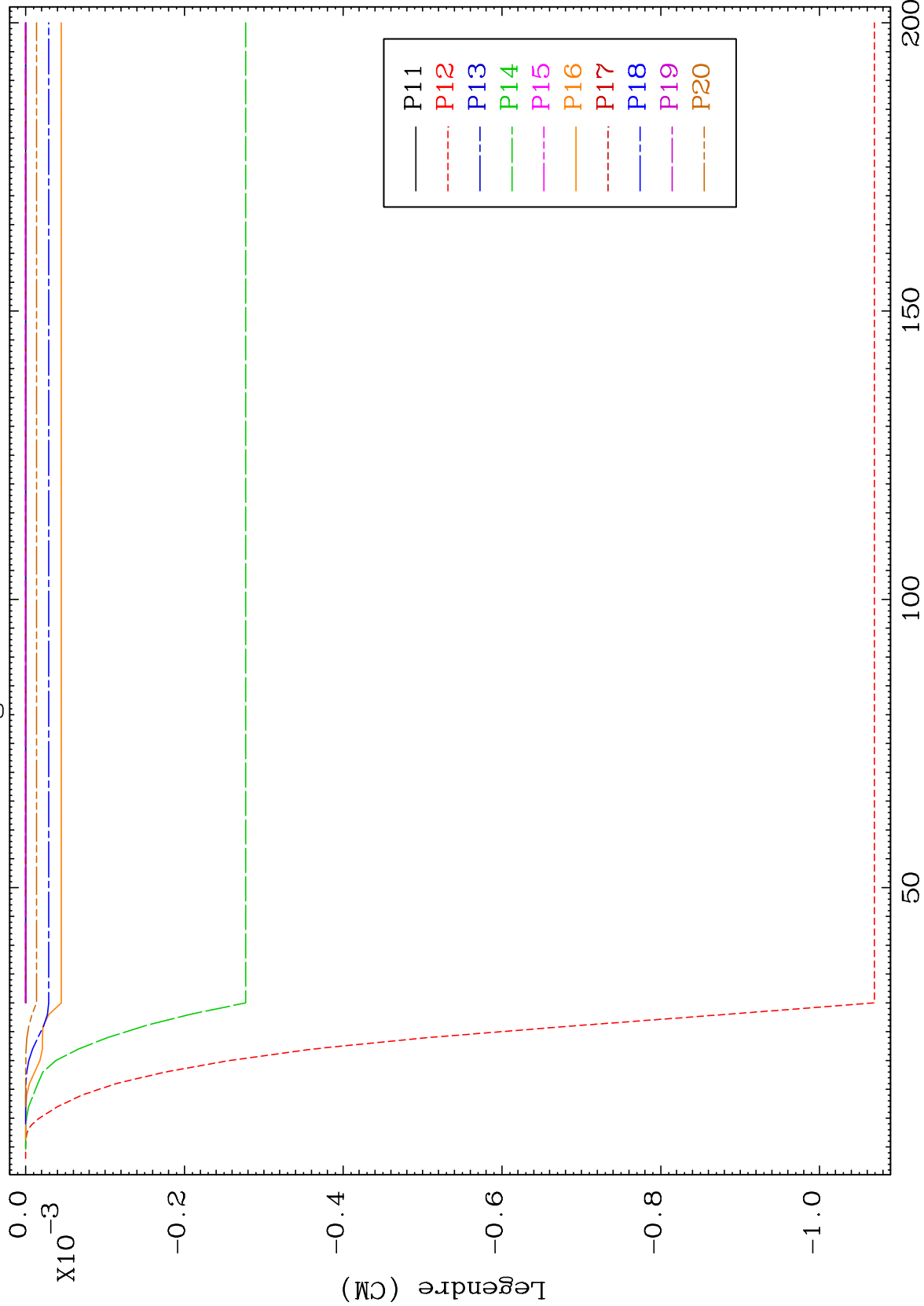
Incident Energy (MeV)

79-Au-186

MAT 7892

337.6 keV (n,n') Level
Legendre Coefficients

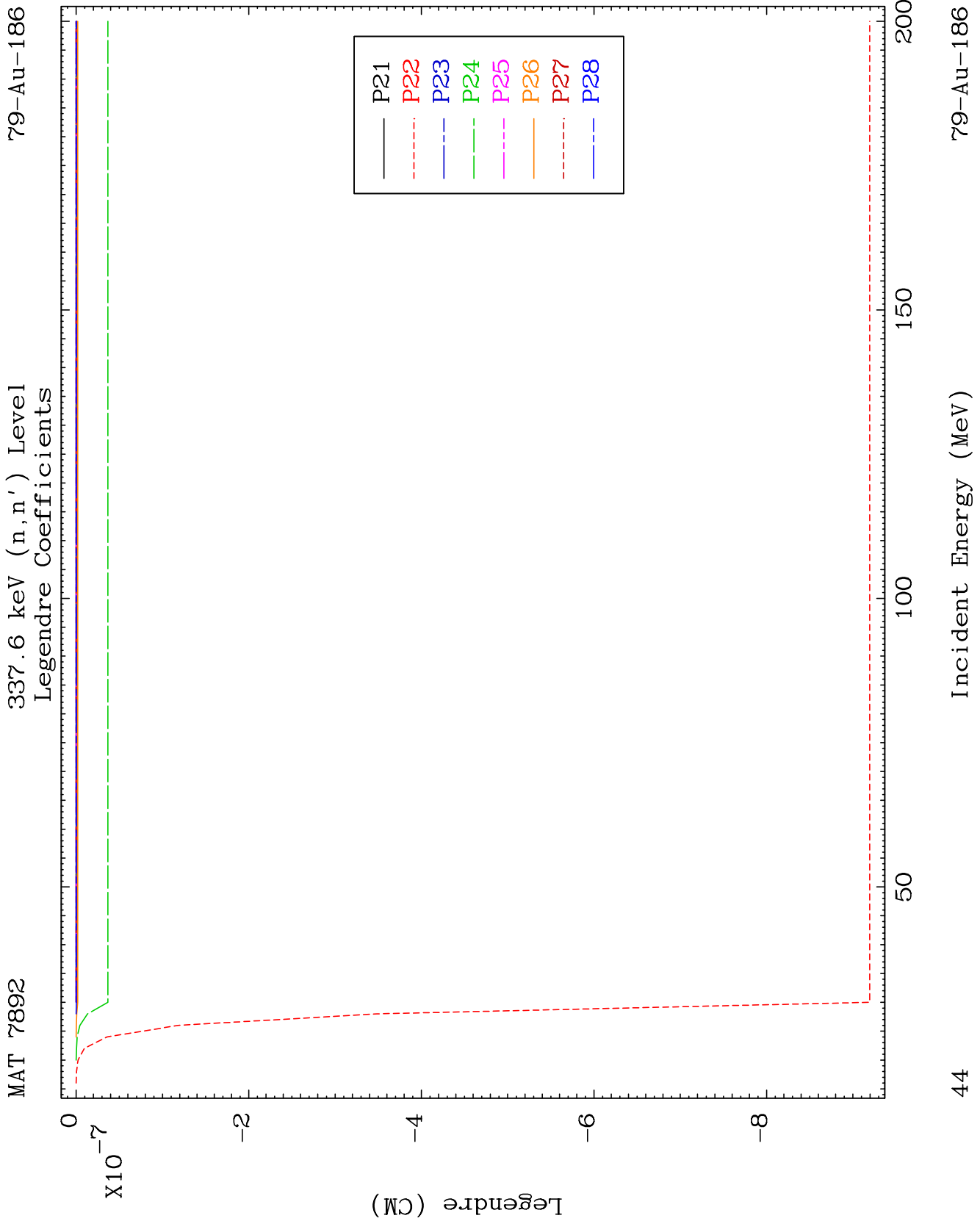
79-Au-186

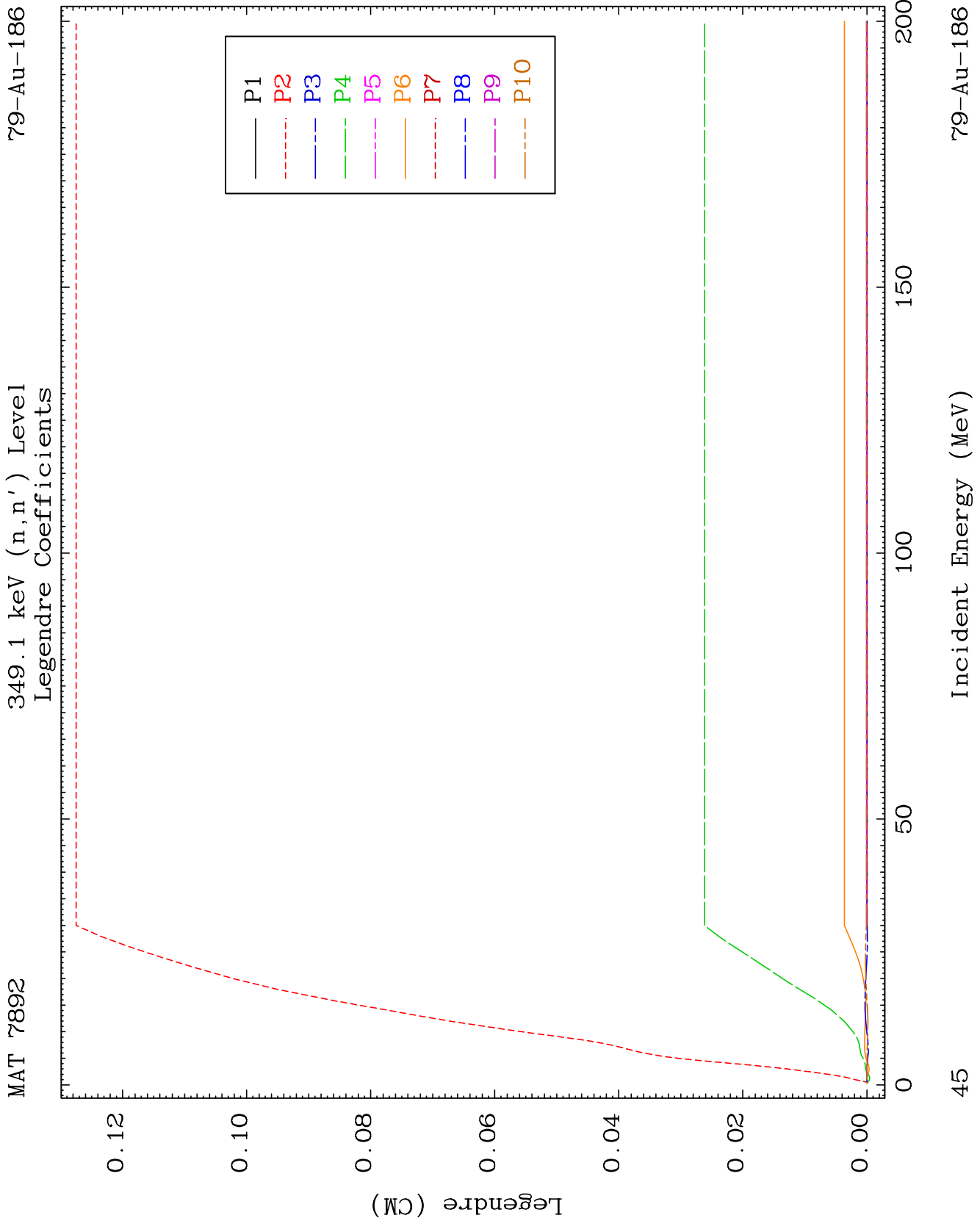


43

Incident Energy (MeV)

79-Au-186

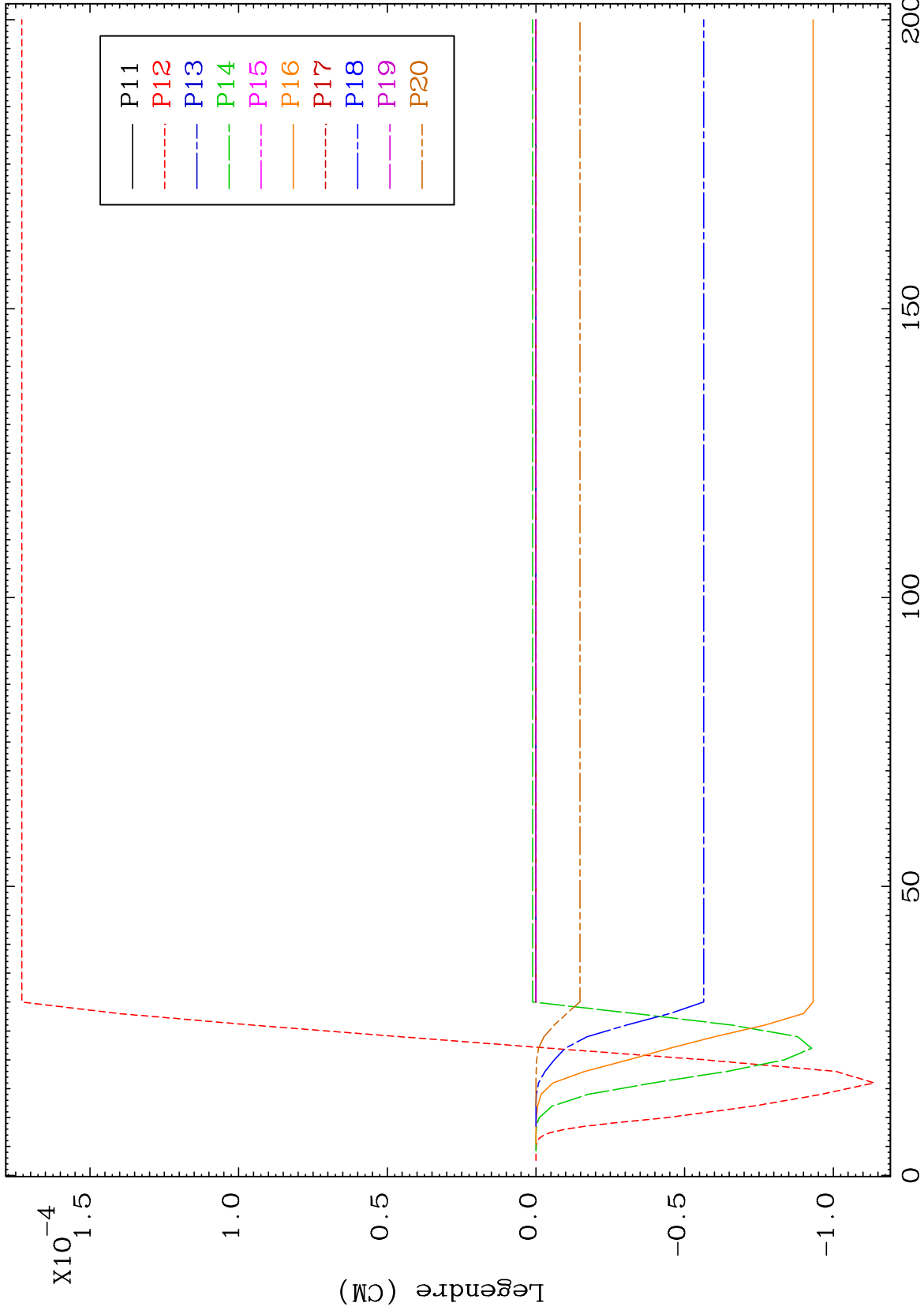




MAT 7892

349.1 keV (n,n') Level
Legendre Coefficients

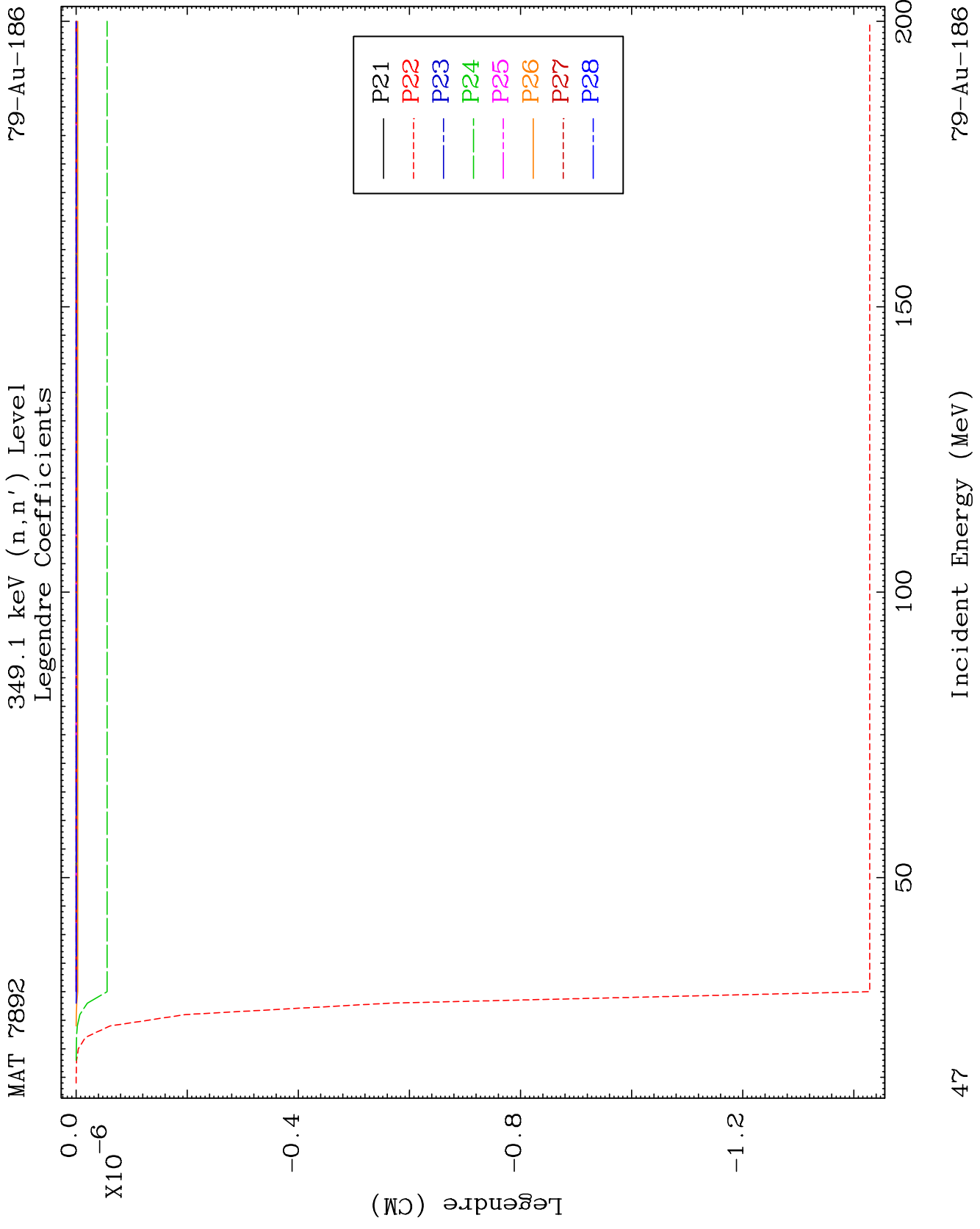
79-Au-186

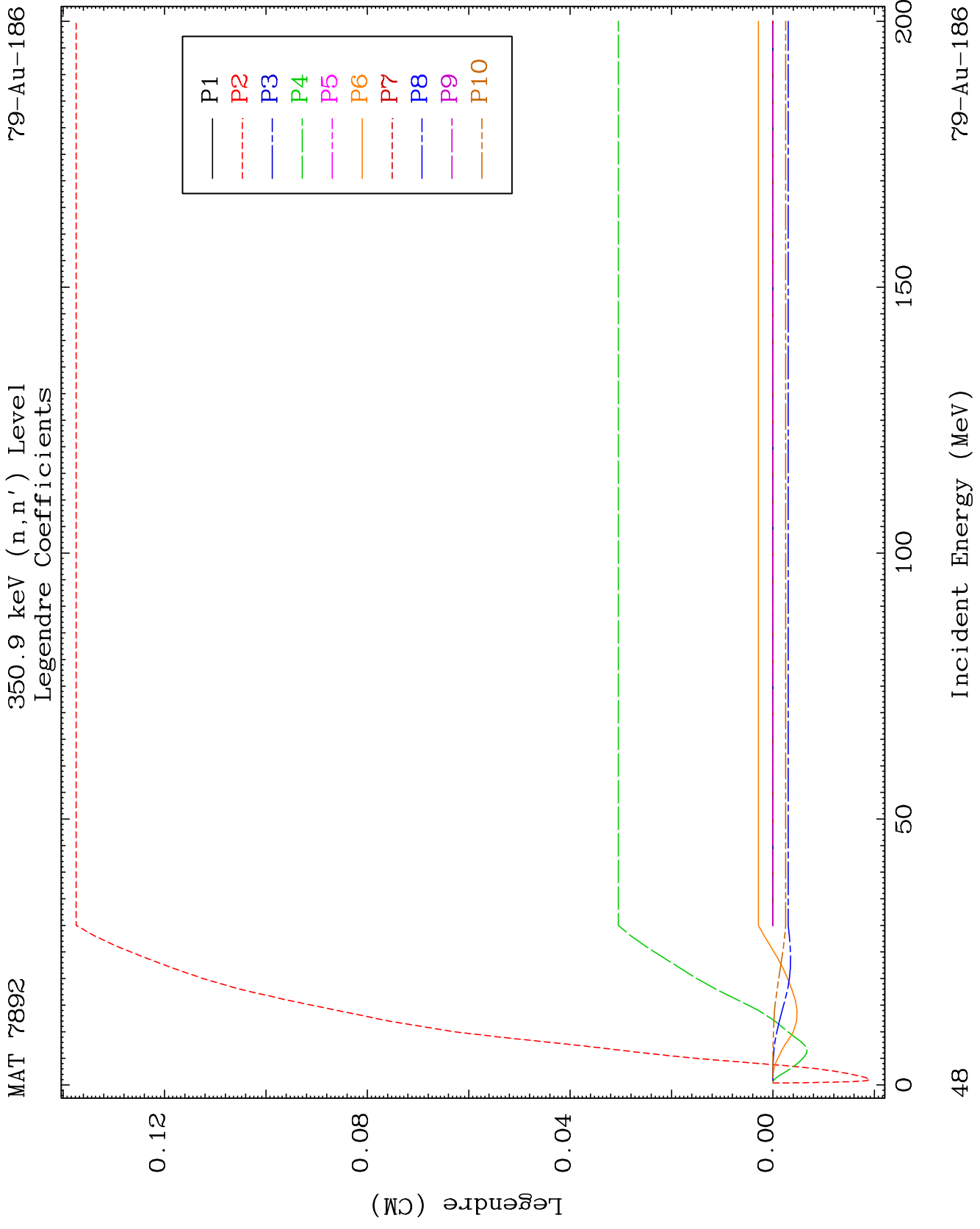


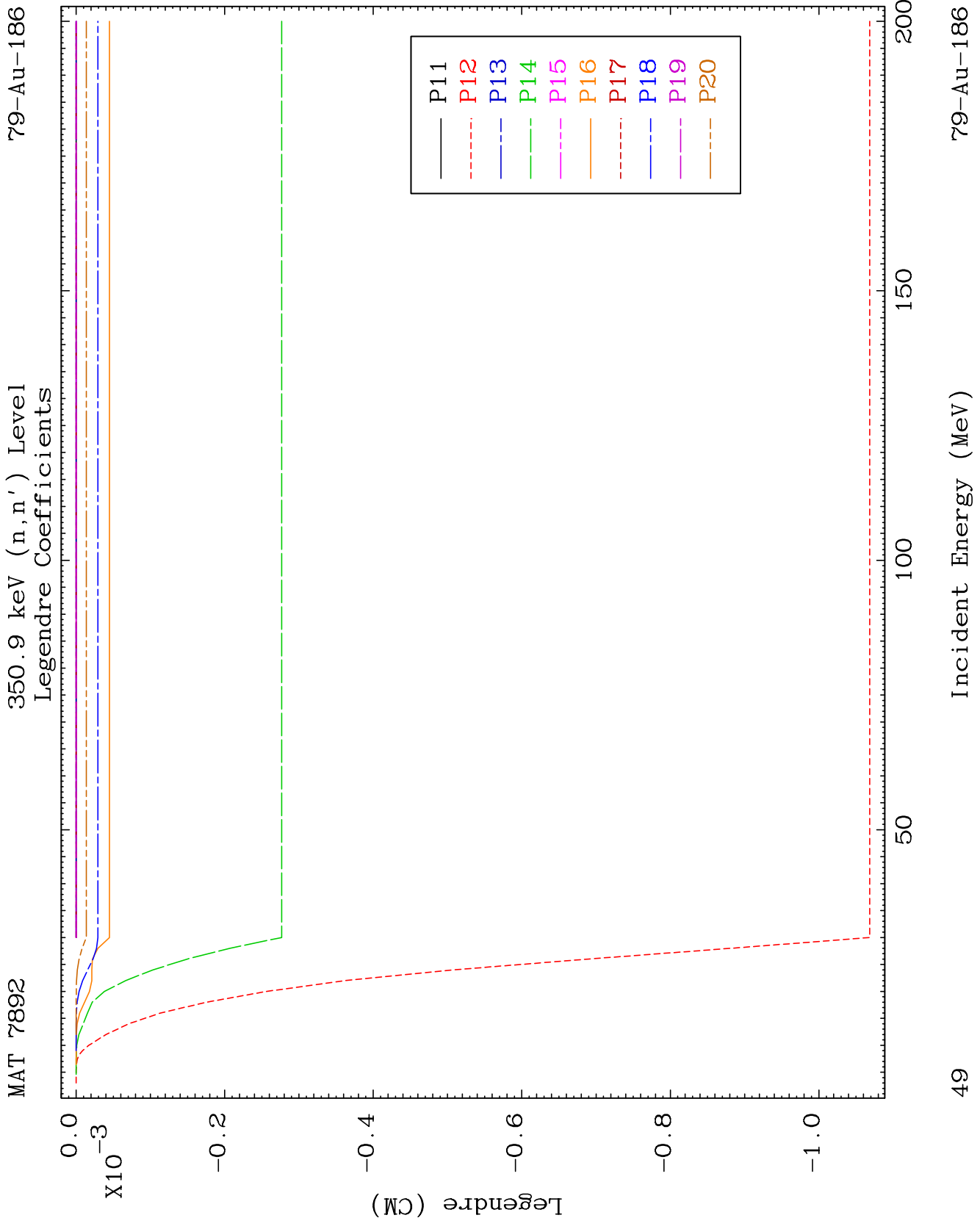
46

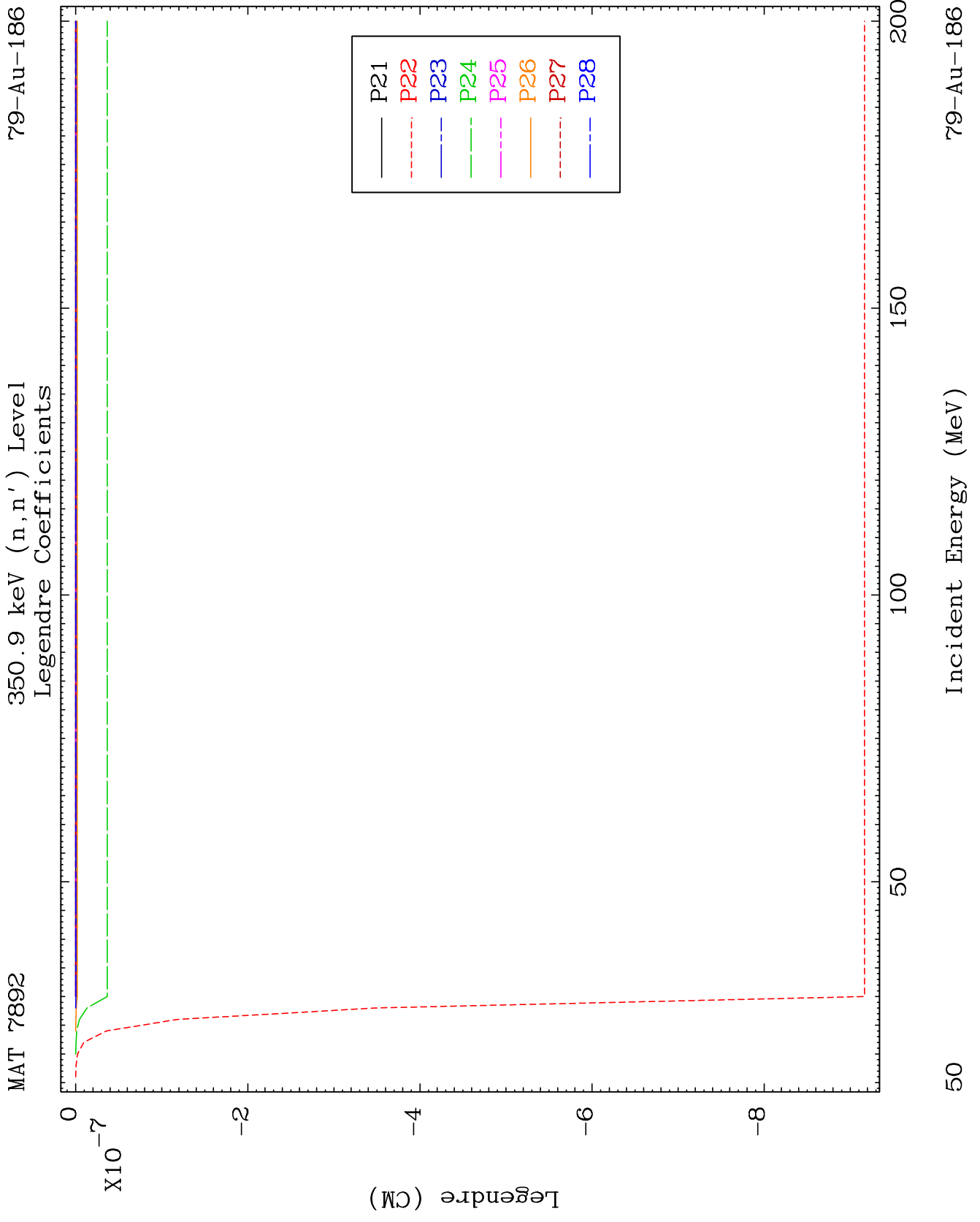
Incident Energy (MeV)

79-Au-186





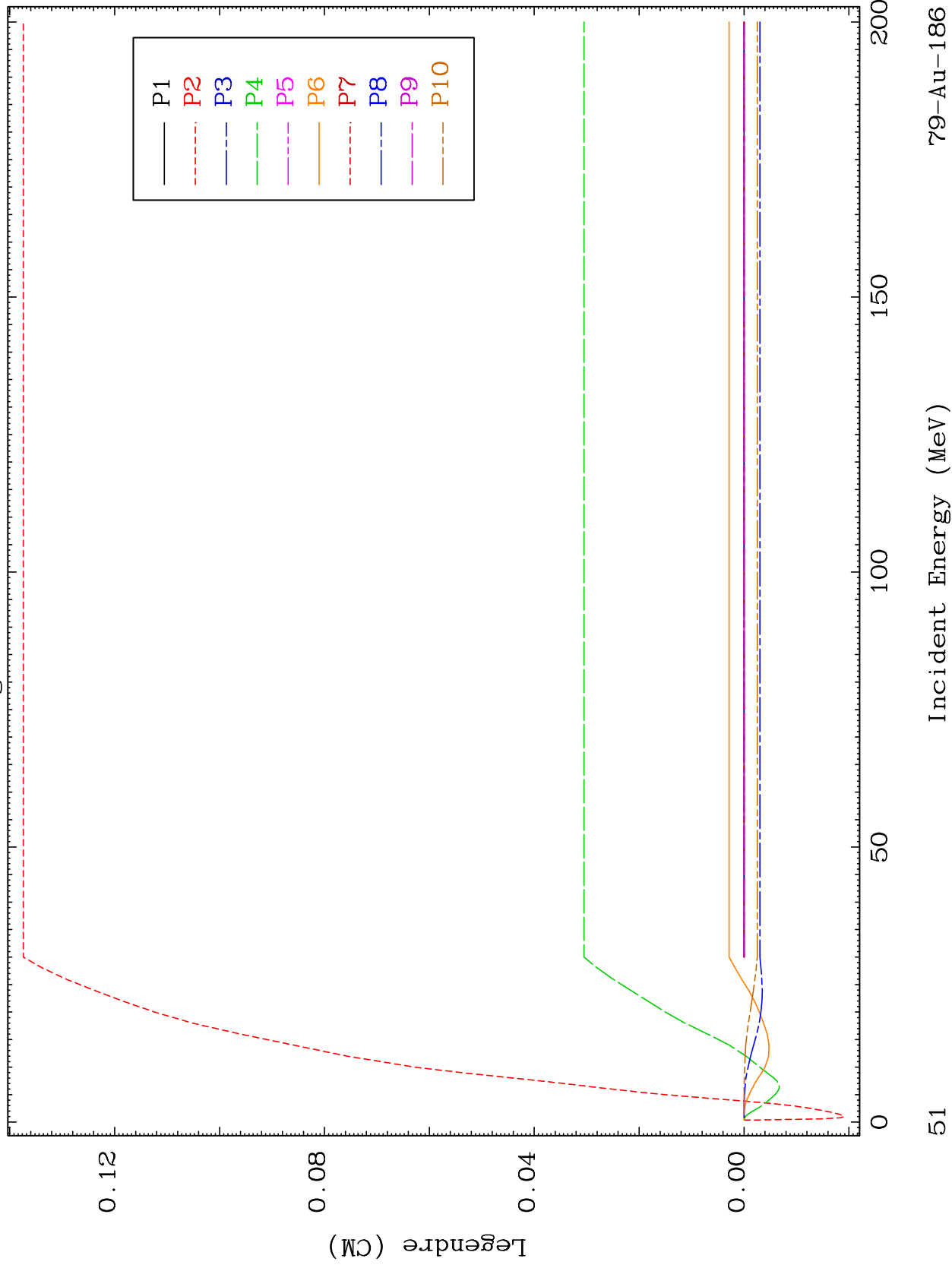




MAT 7892

363.6 keV (n,n') Level
Legendre Coefficients

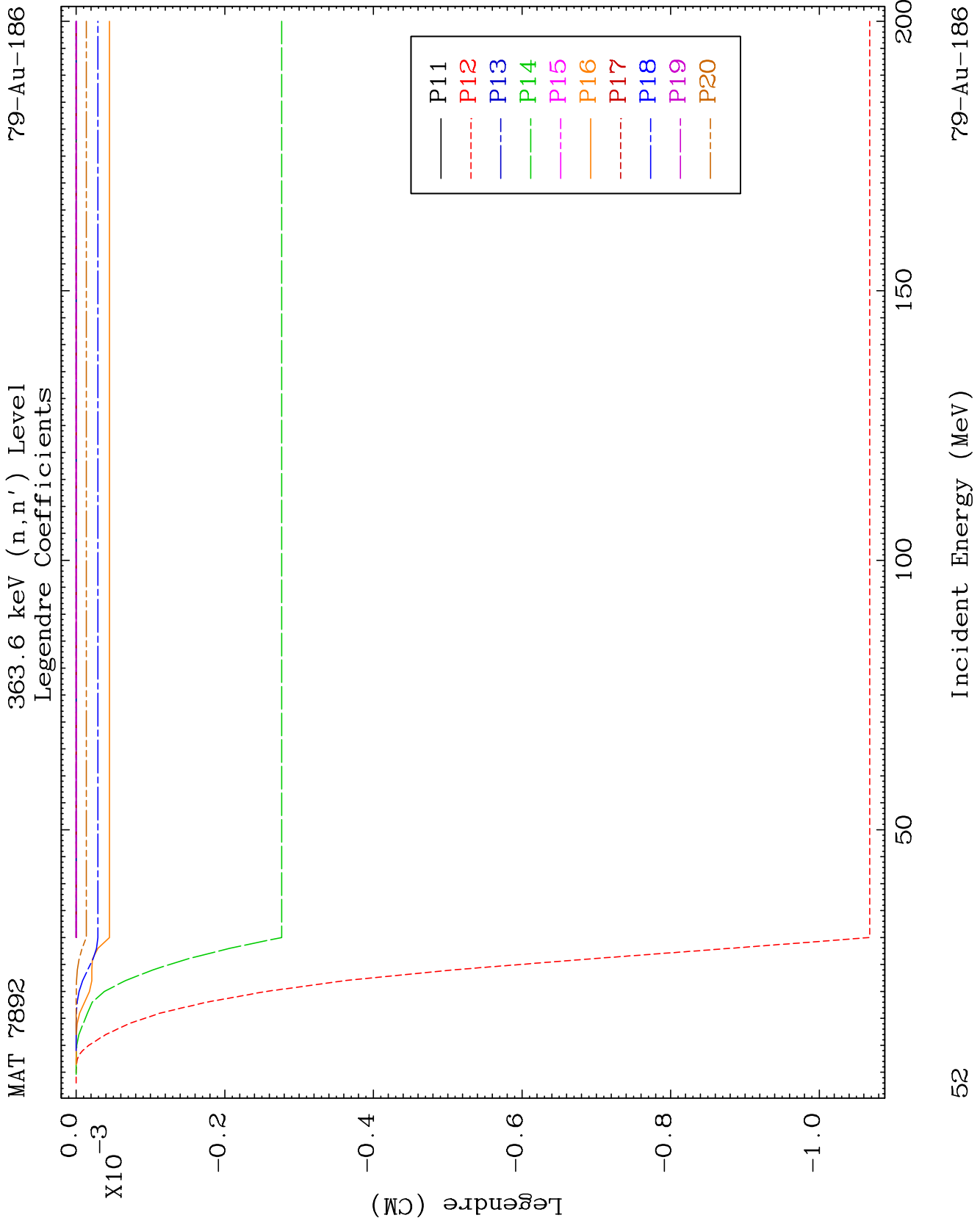
79-Au-186

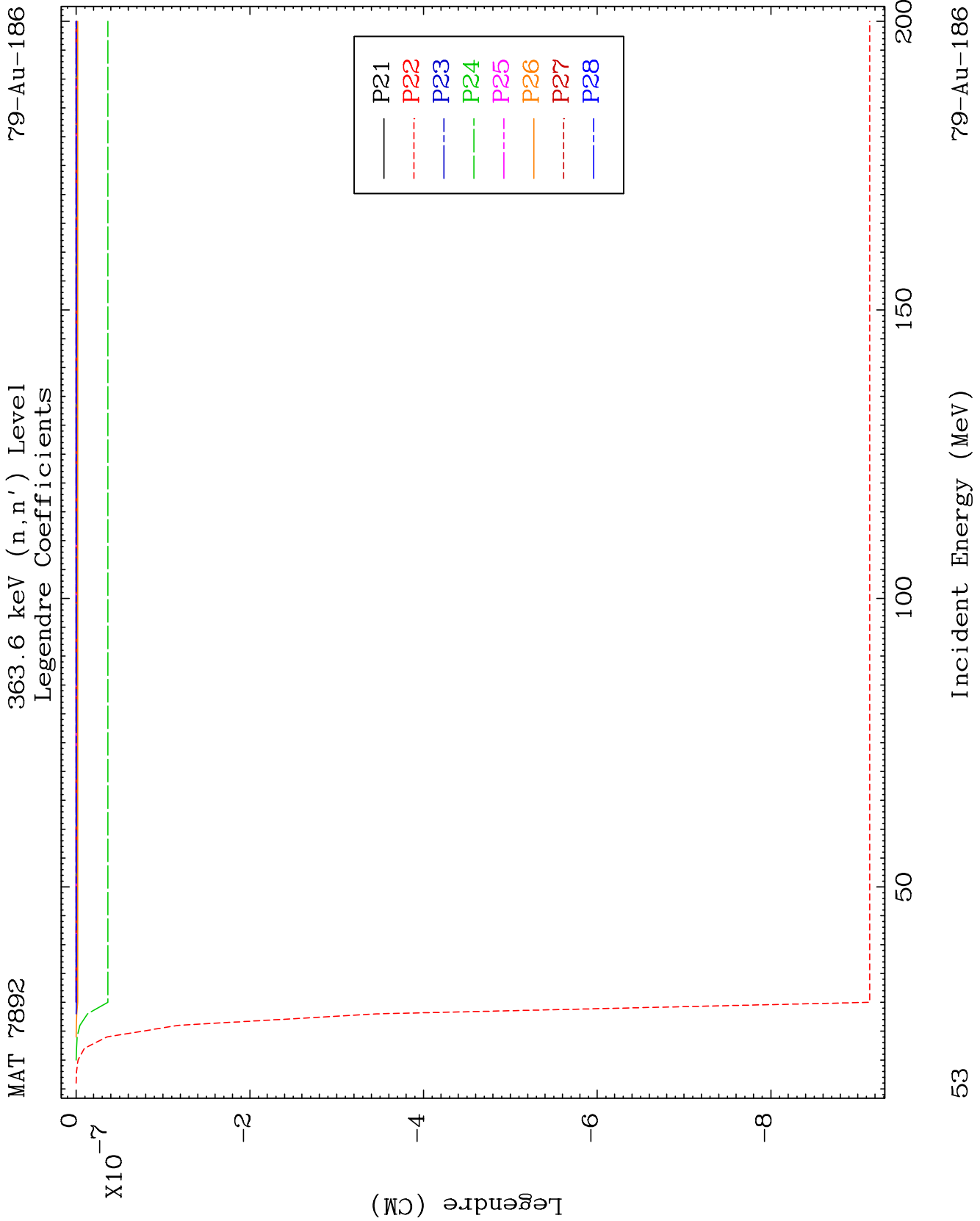


79-Au-186

Incident Energy (MeV)

51

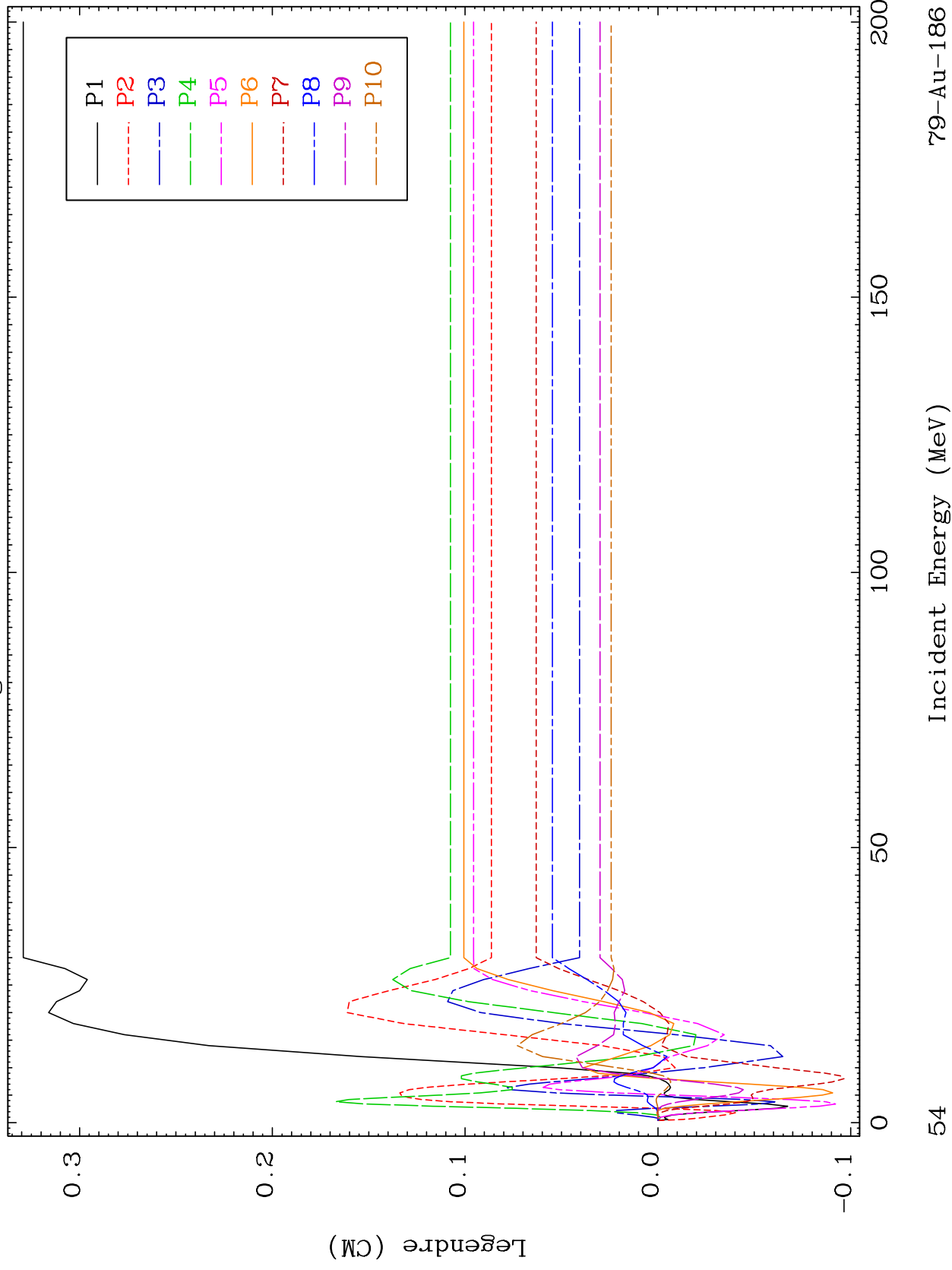




MAT 7892

393.0 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

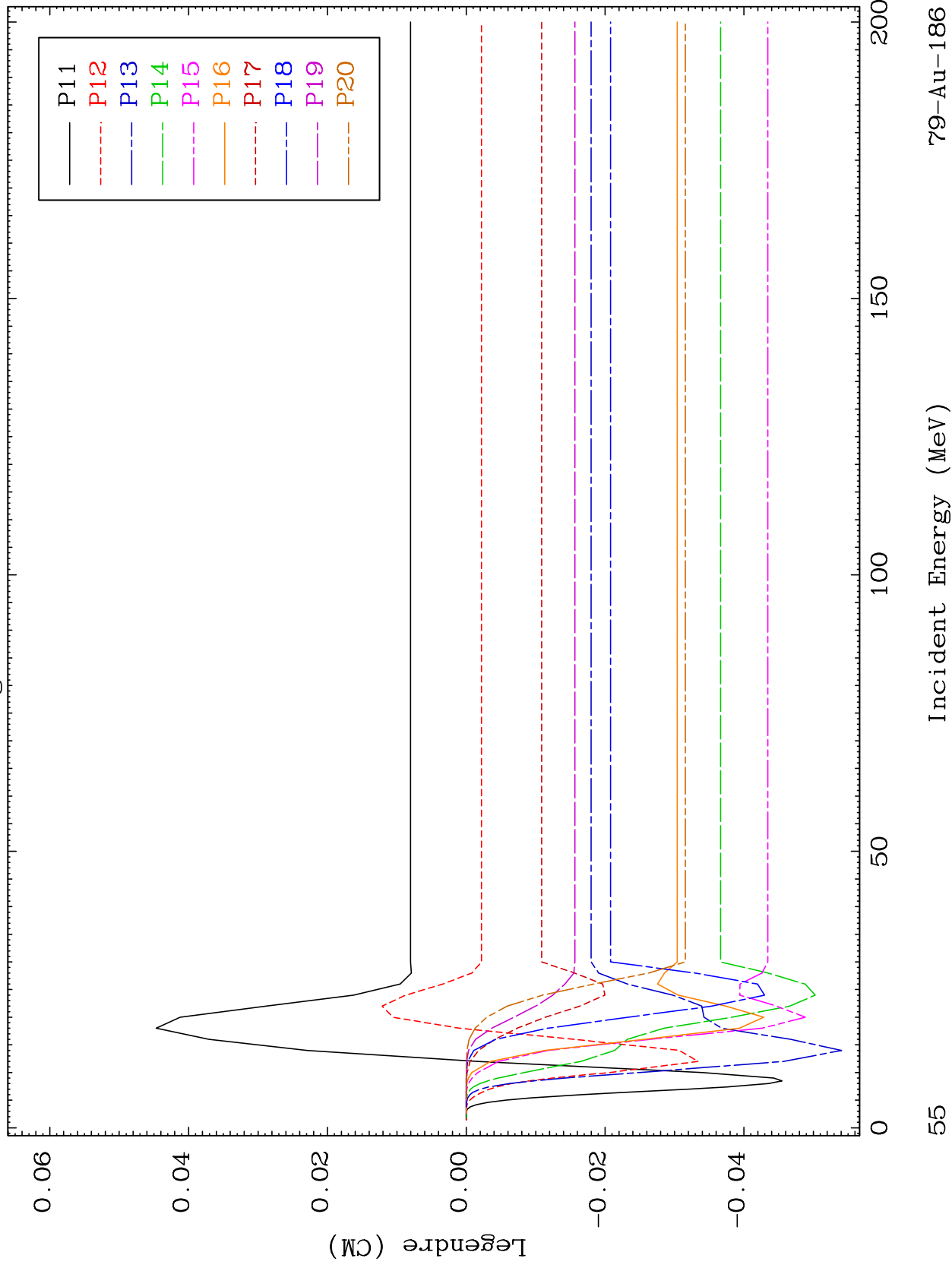
Incident Energy (MeV)

54

MAT 7892

393.0 keV (n,n') Level
Legendre Coefficients

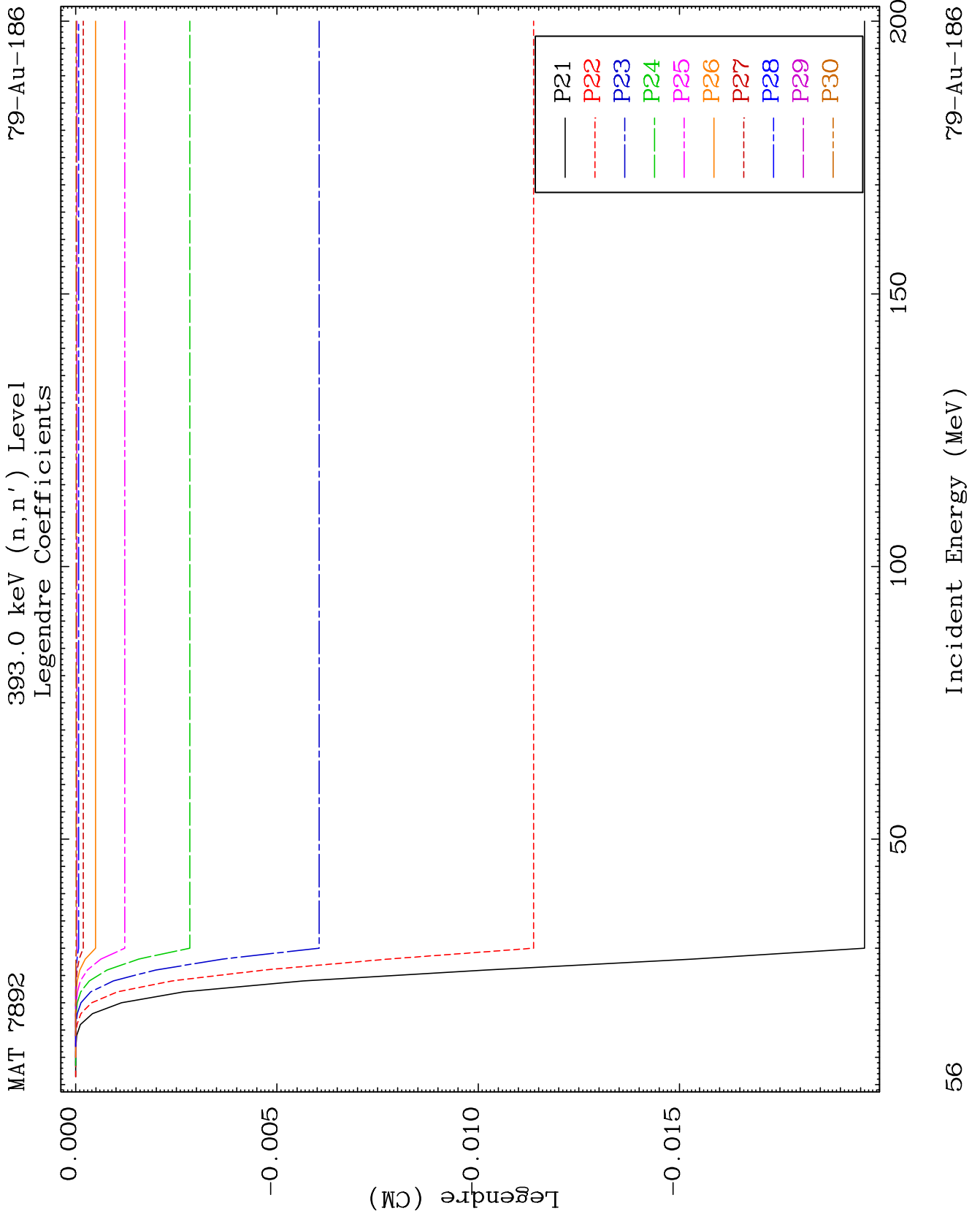
79-Au-186

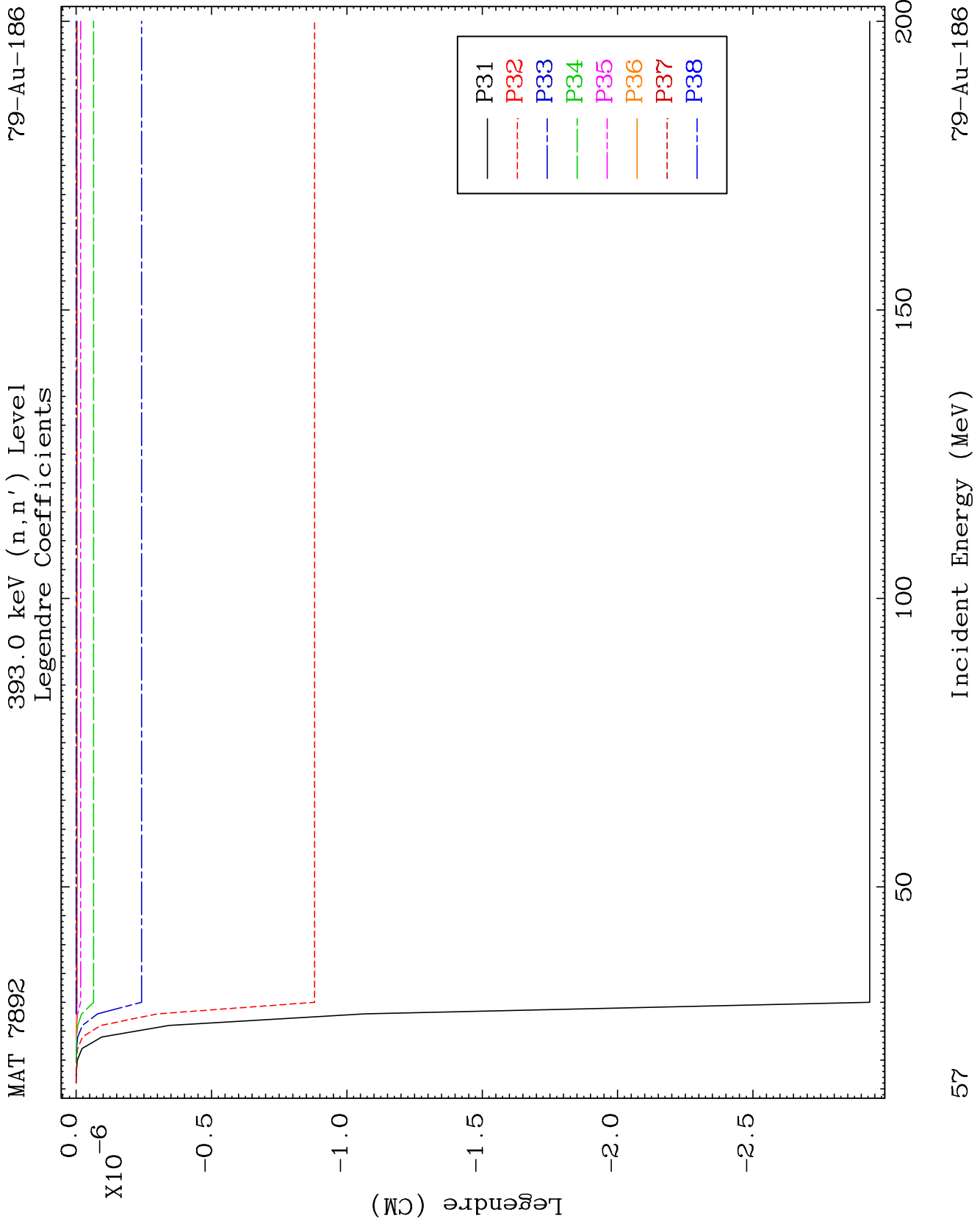


79-Au-186

Incident Energy (MeV)

55

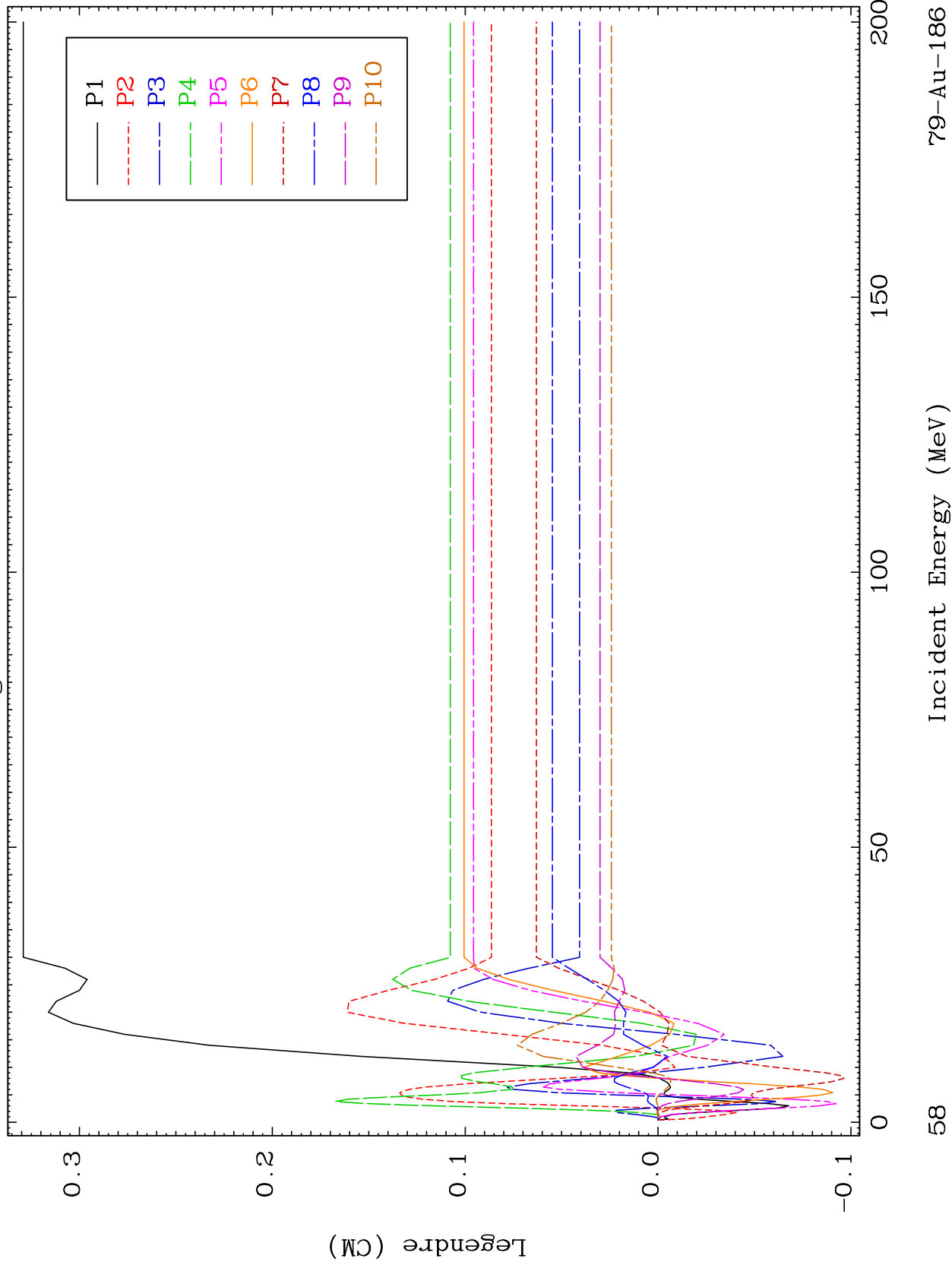




MAT 7892

405.2 keV (n,n') Level
Legendre Coefficients

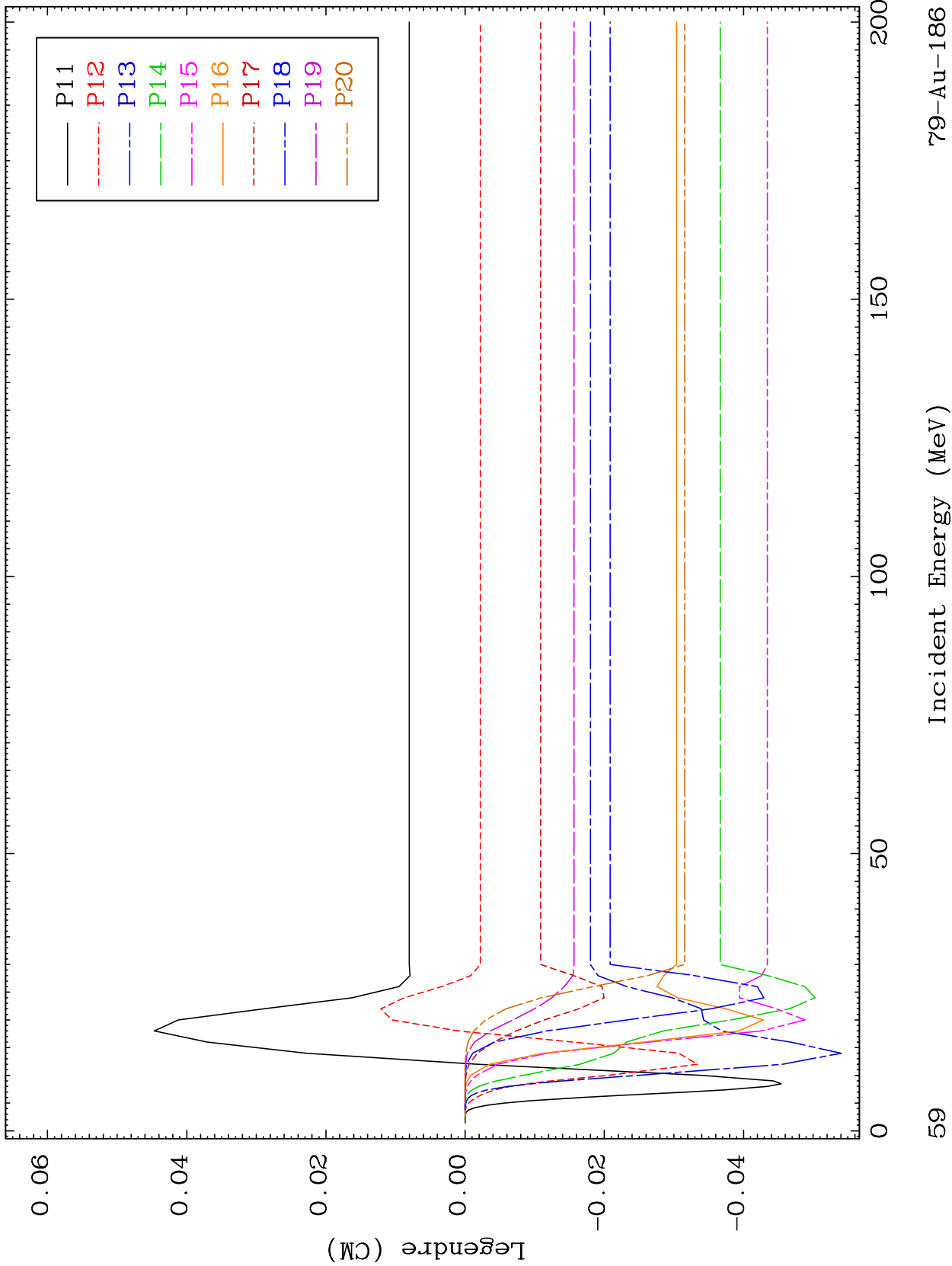
79-Au-186

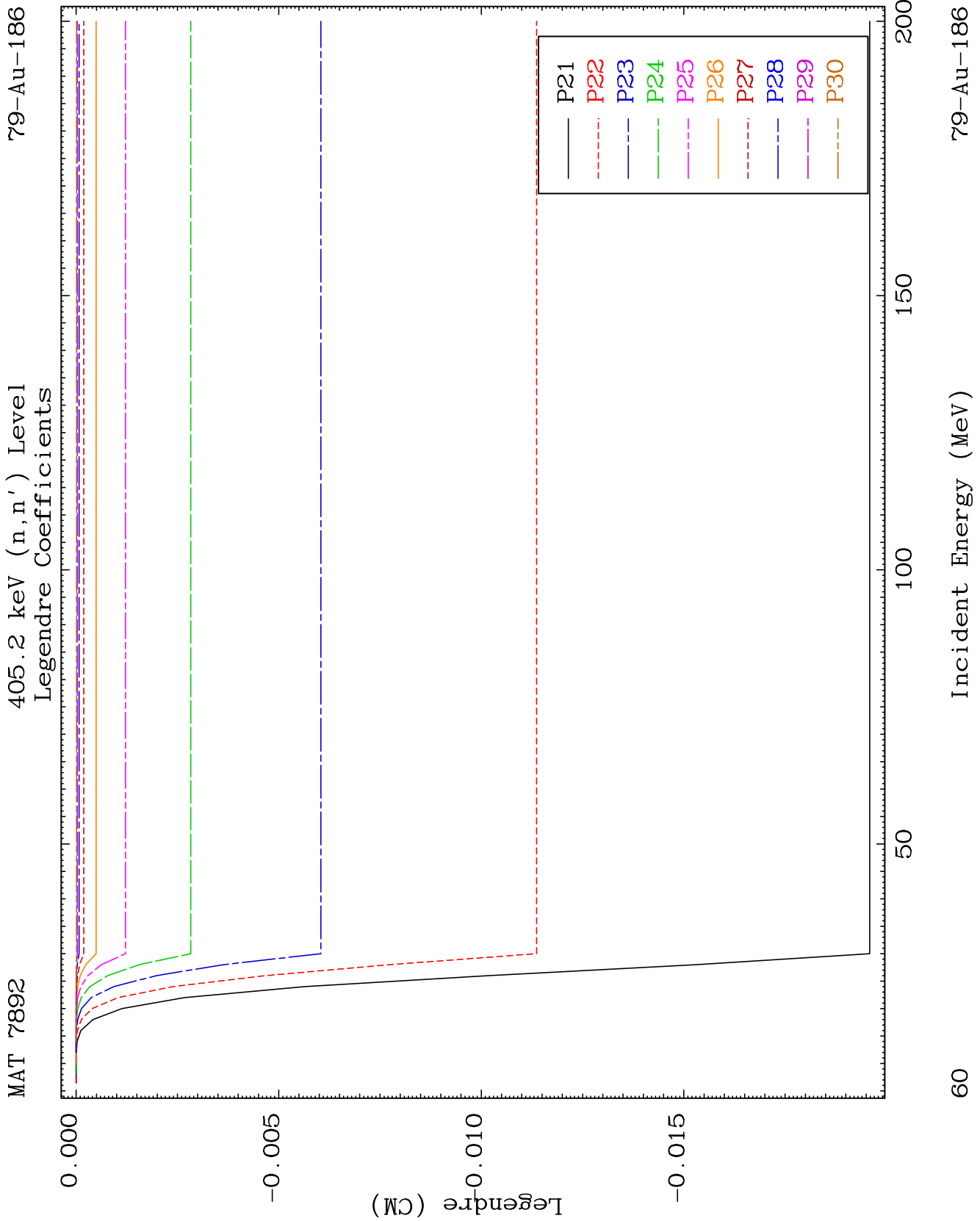


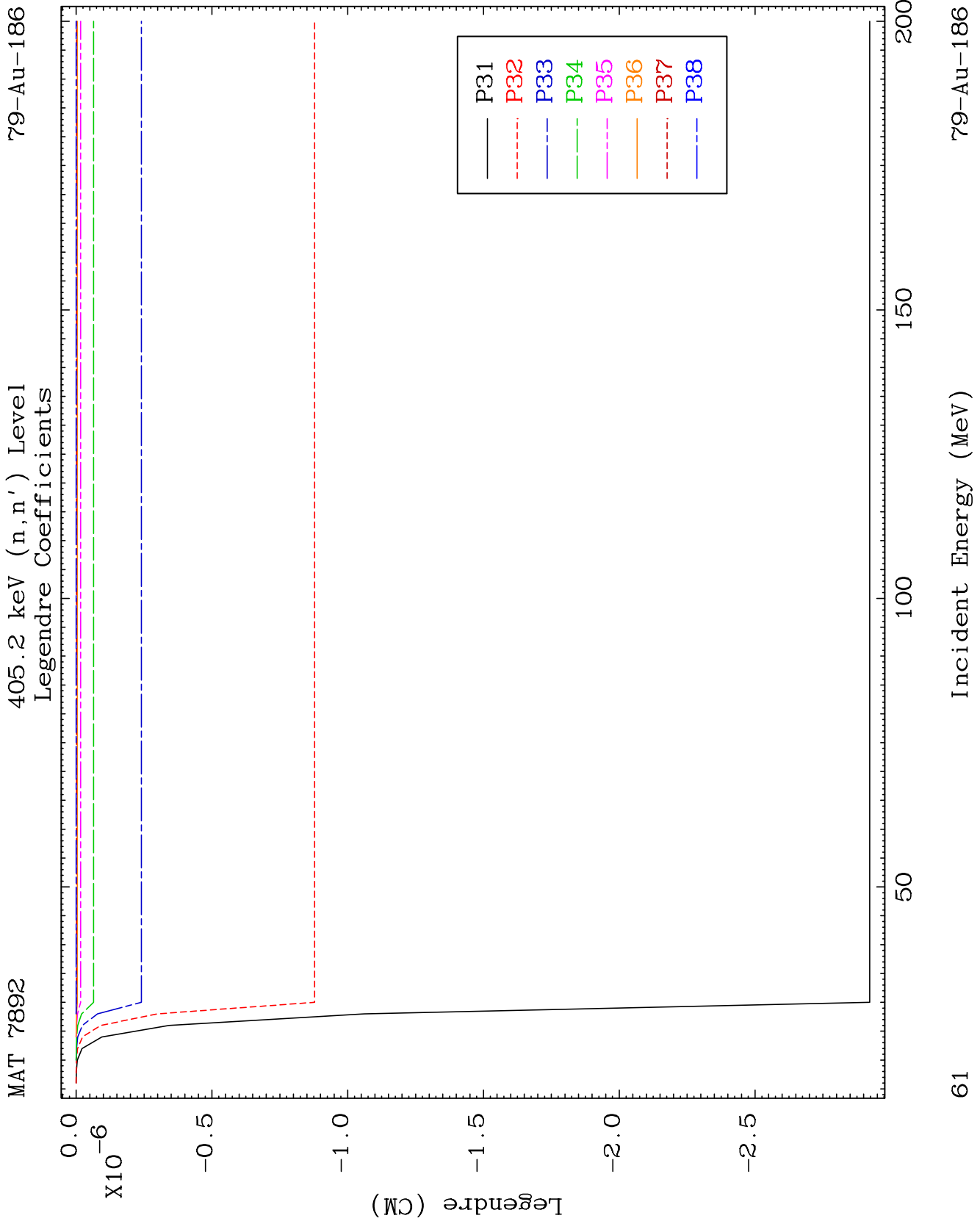
79-Au-186

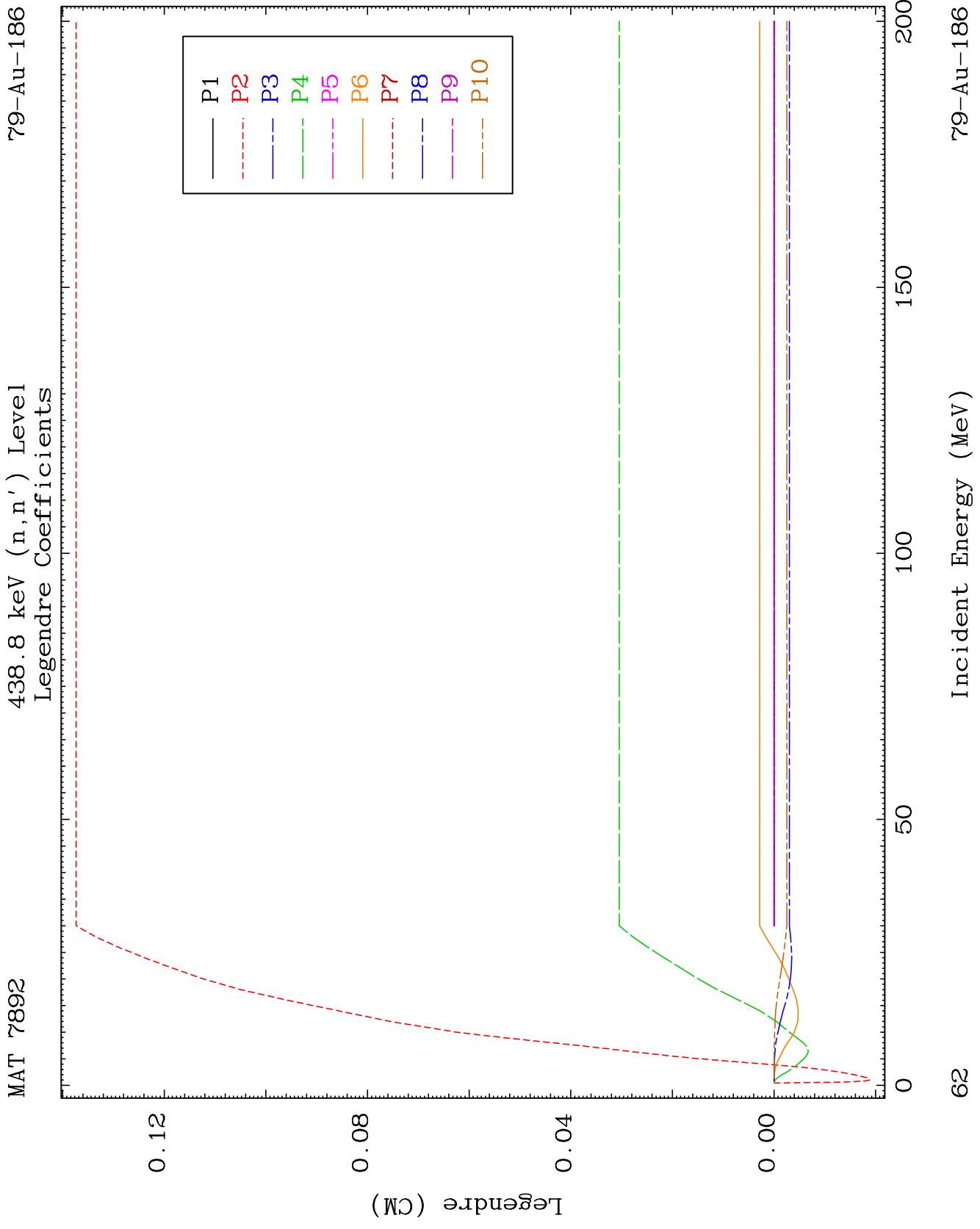
Incident Energy (MeV)

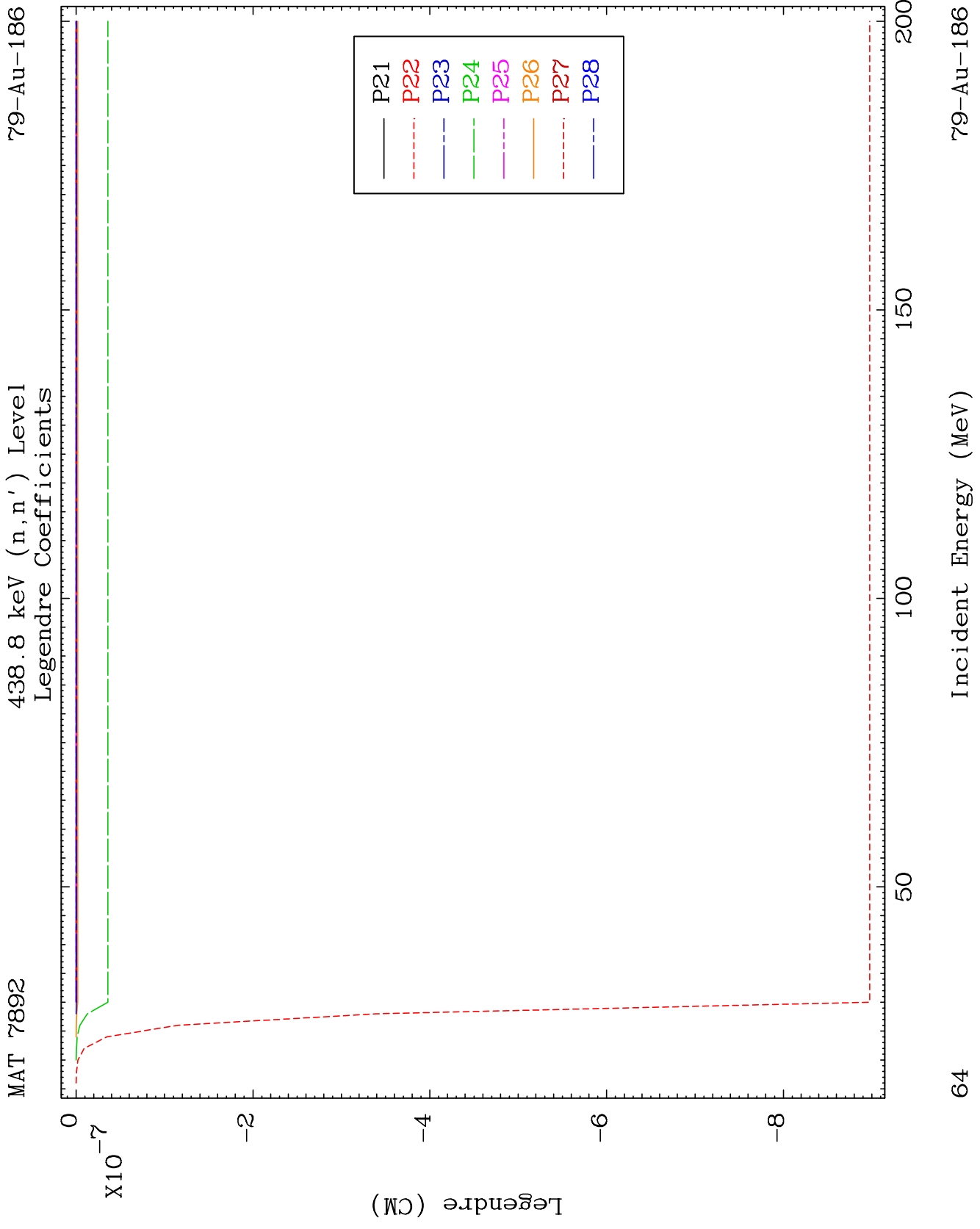
58

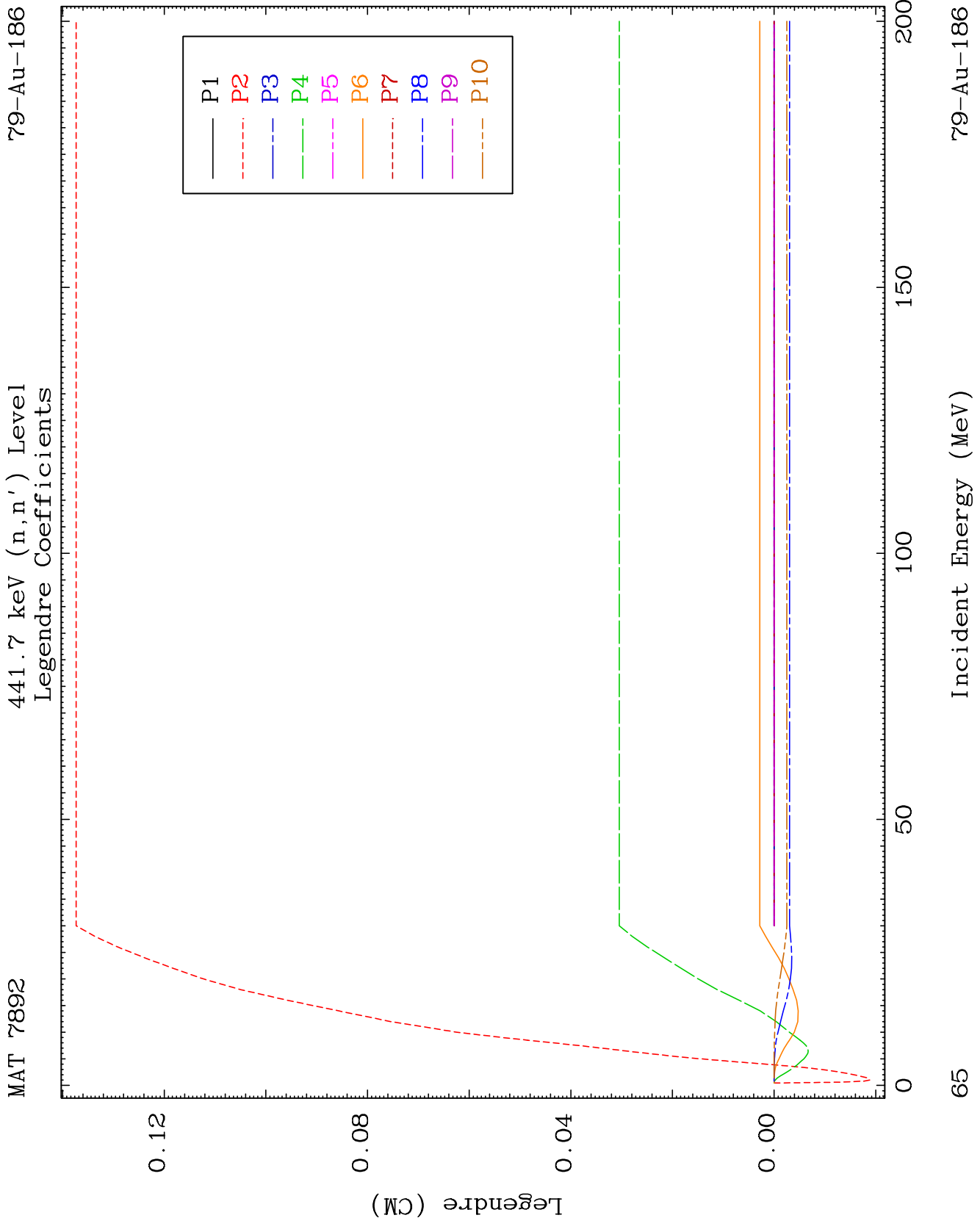








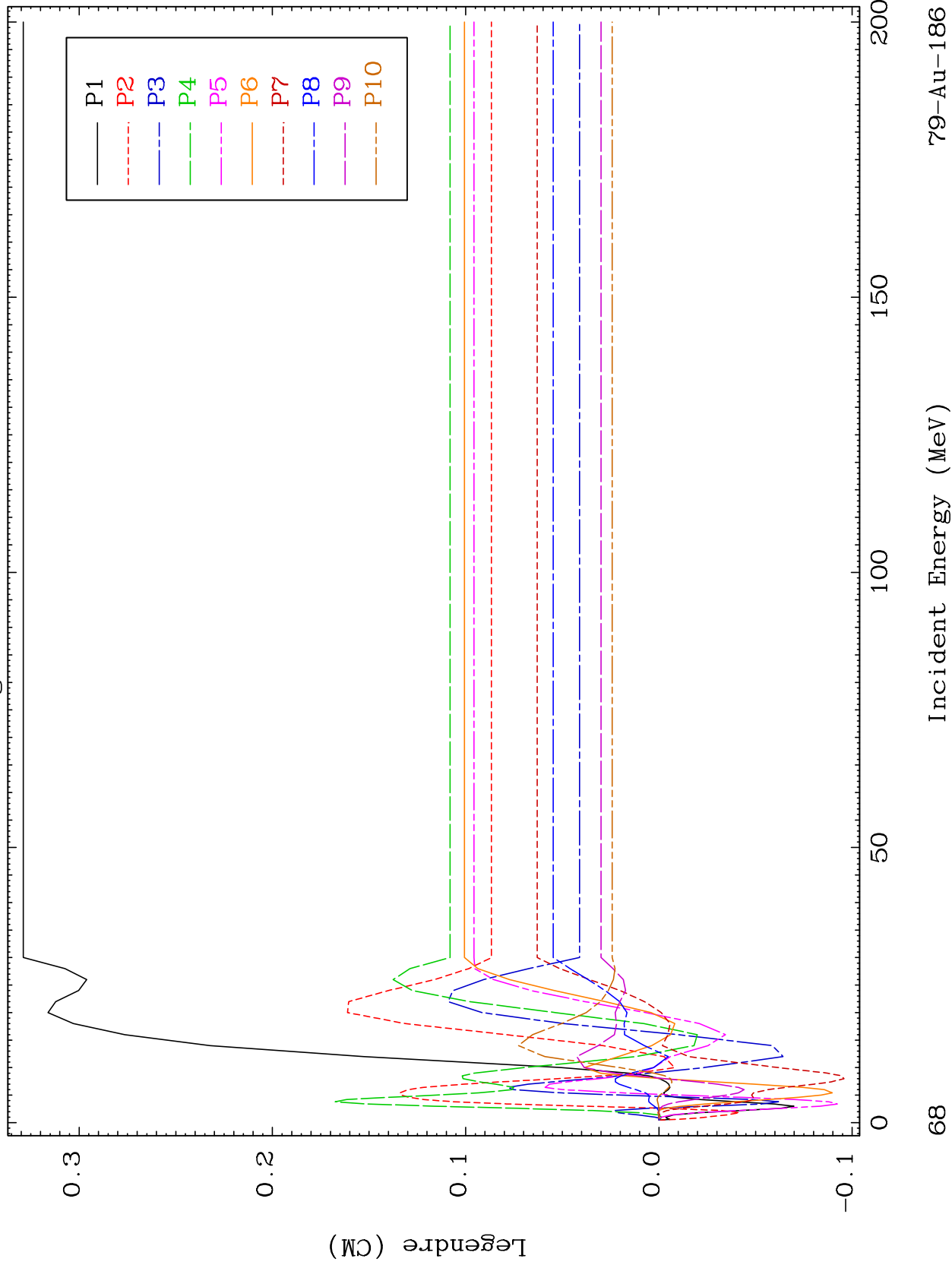




MAT 7892

464.2 keV (n,n') Level
Legendre Coefficients

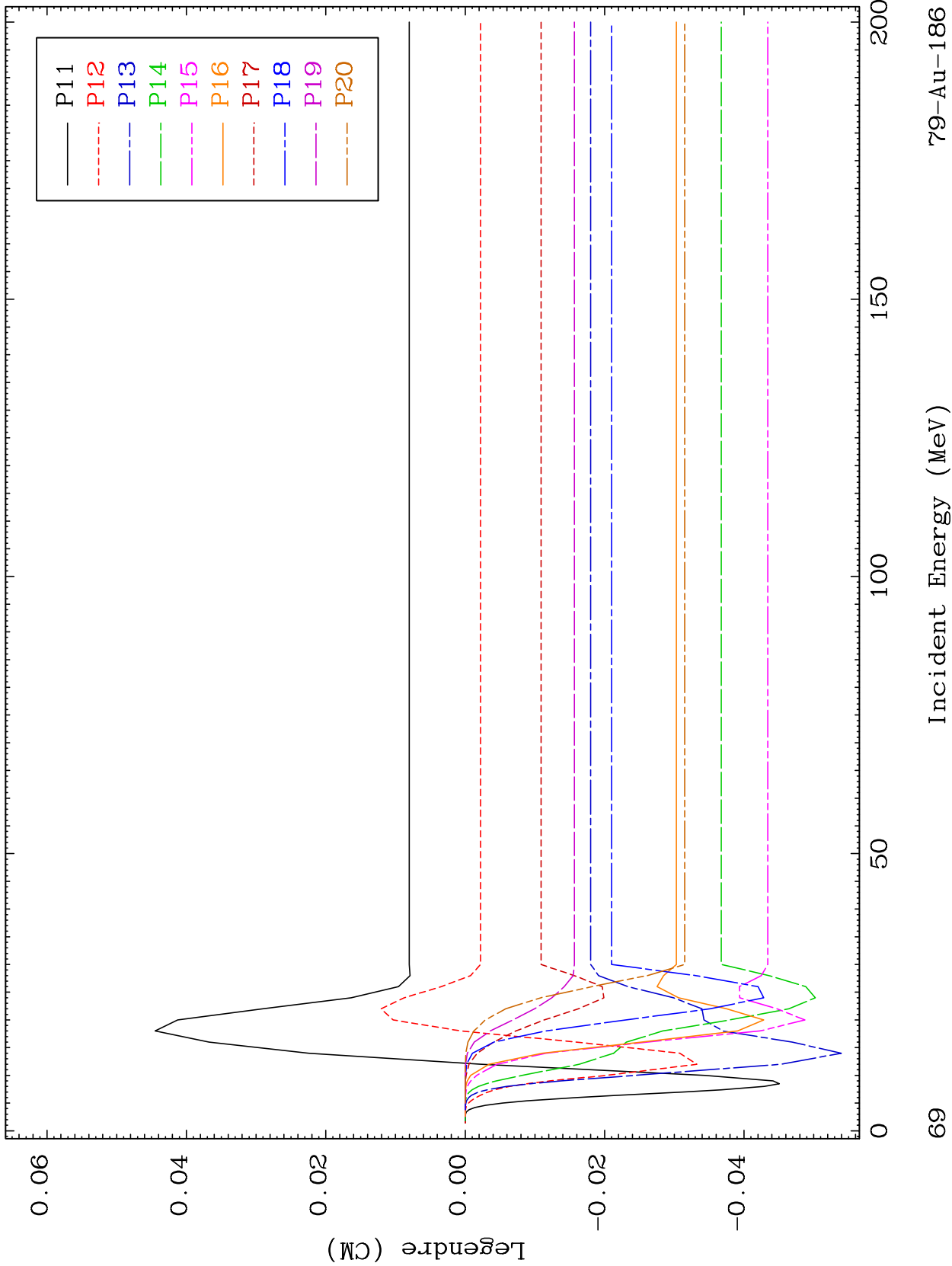
79-Au-186

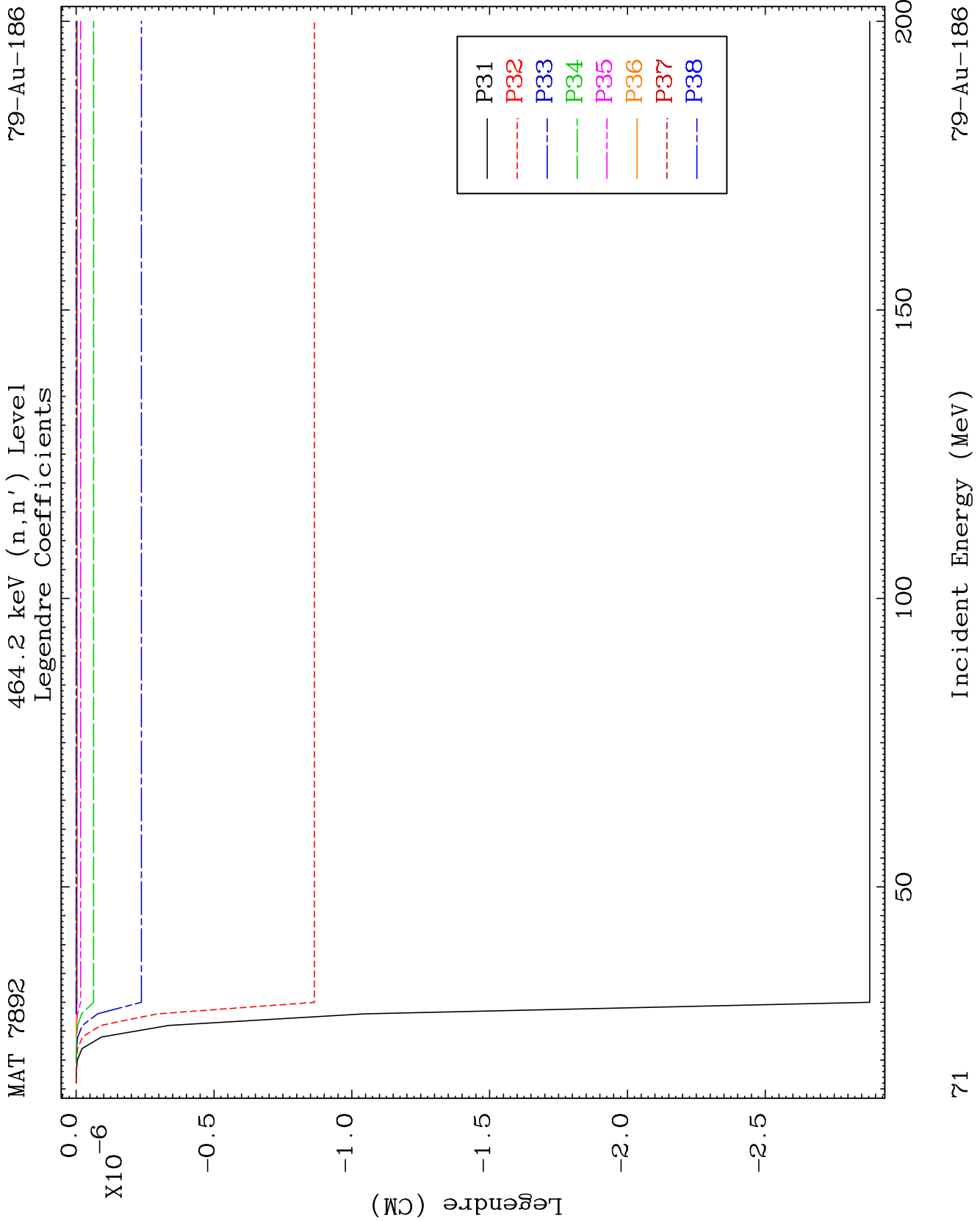


79-Au-186

Incident Energy (MeV)

68

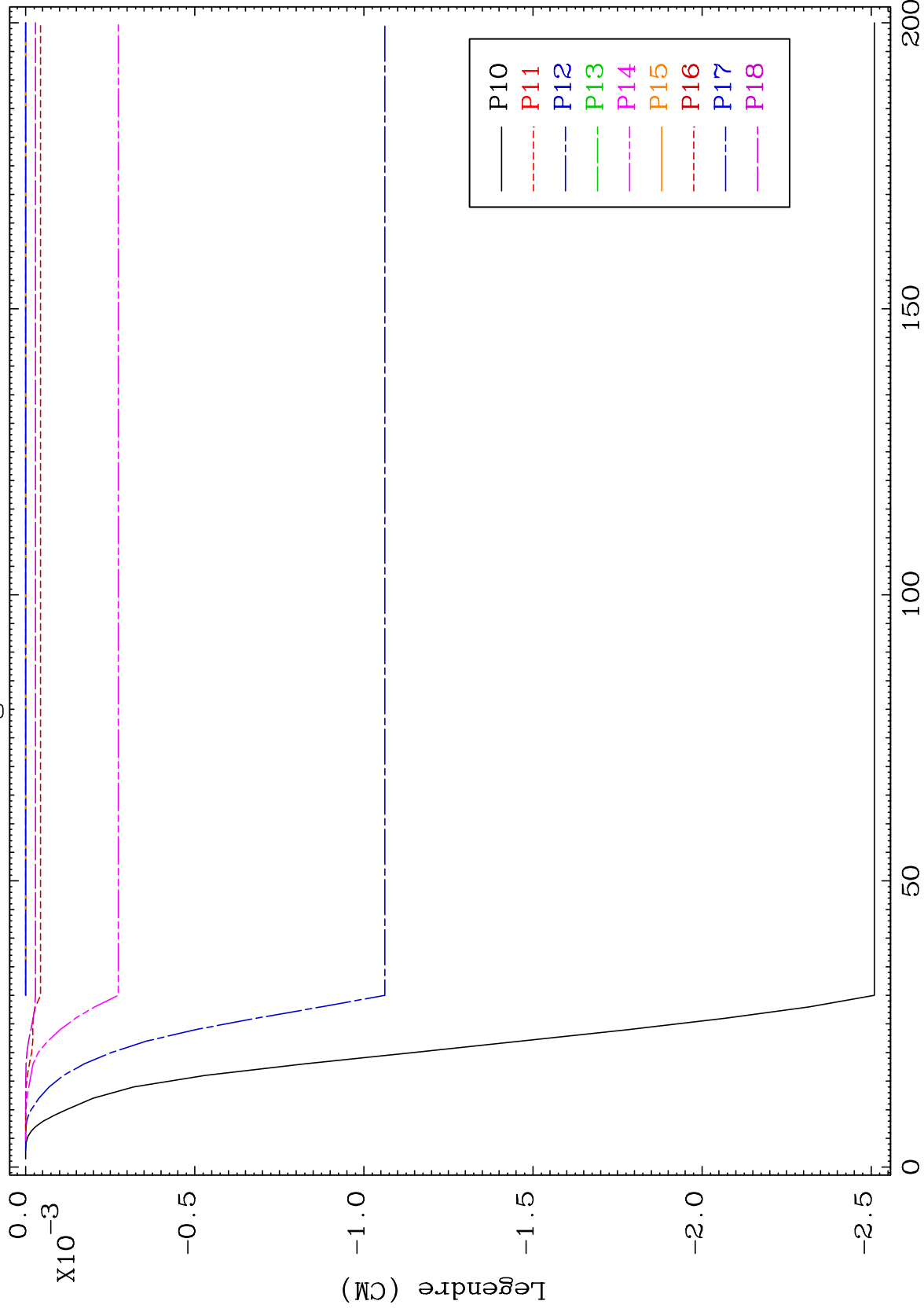




MAT 7892

487.3 keV (n,n') Level
Legendre Coefficients

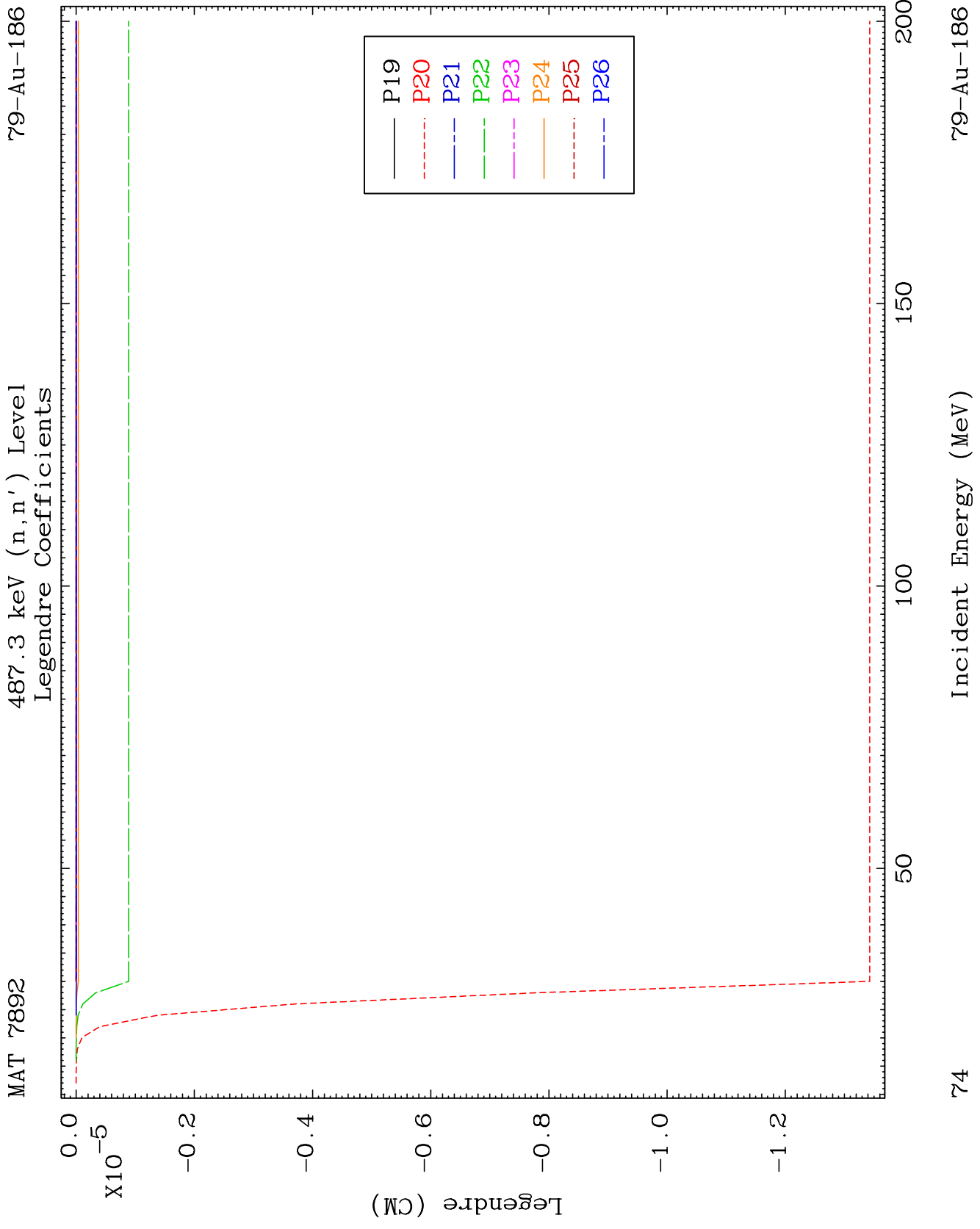
79-Au-186

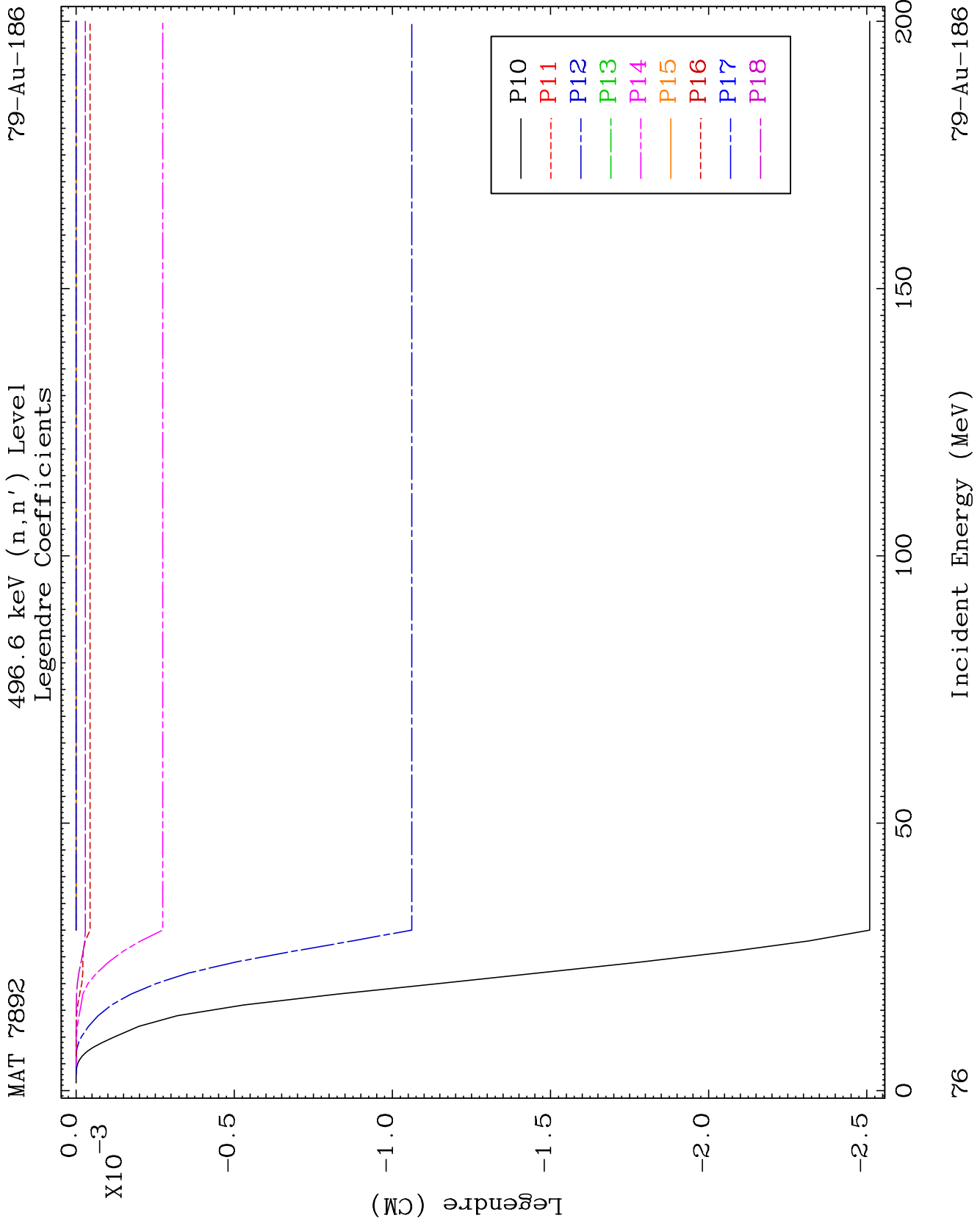


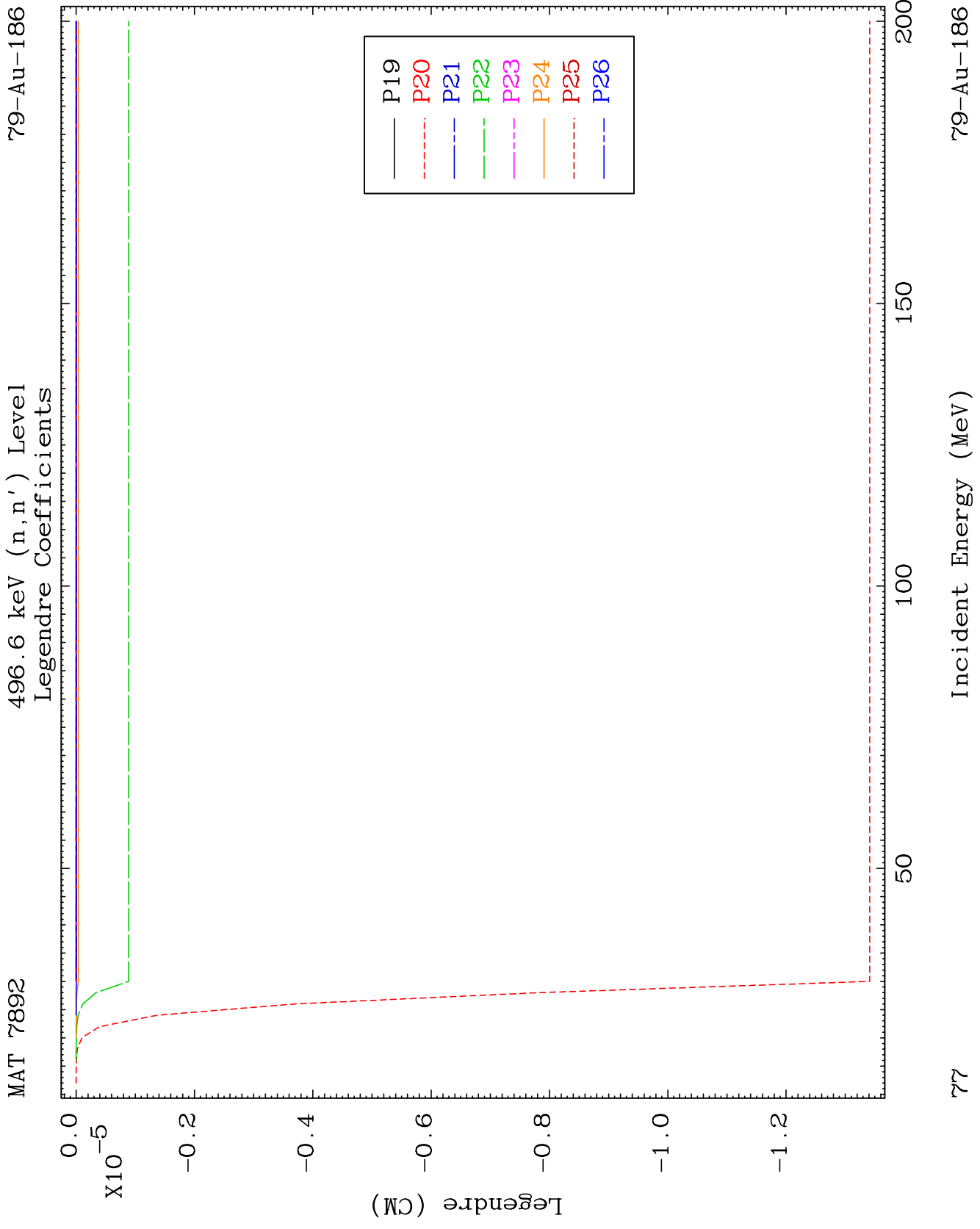
73

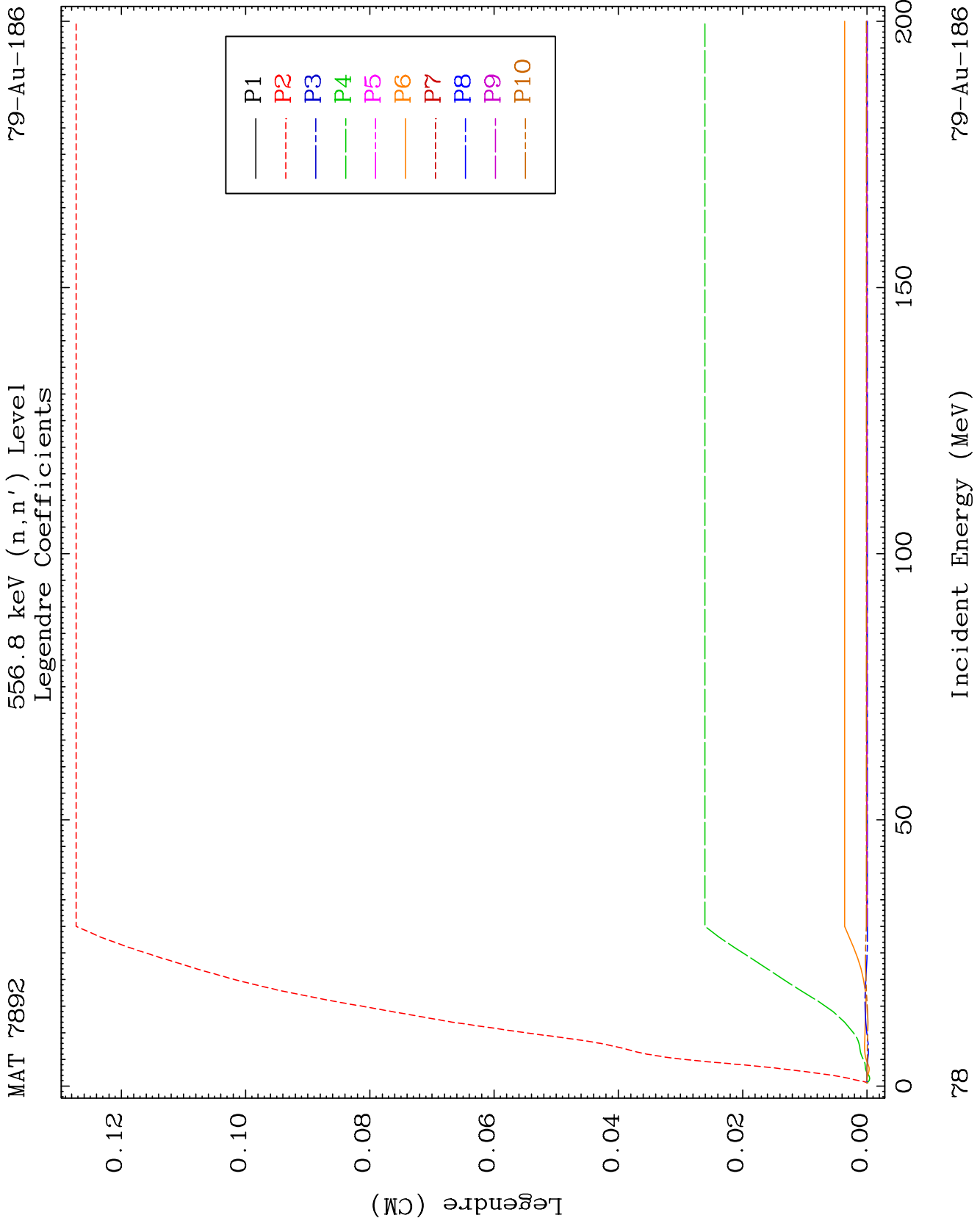
Incident Energy (MeV)

79-Au-186





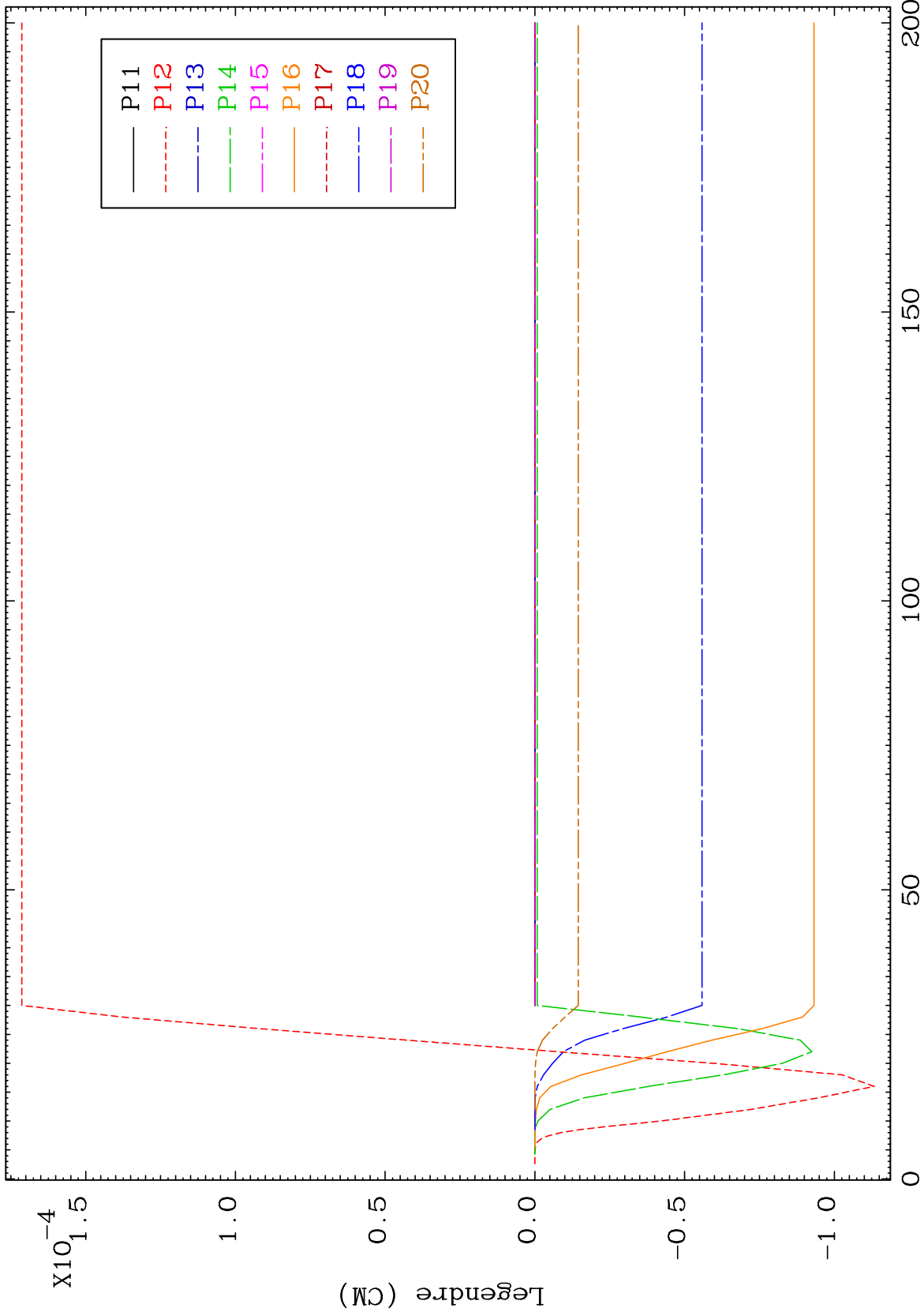




MAT 7892

556.8 keV (n,n') Level
Legendre Coefficients

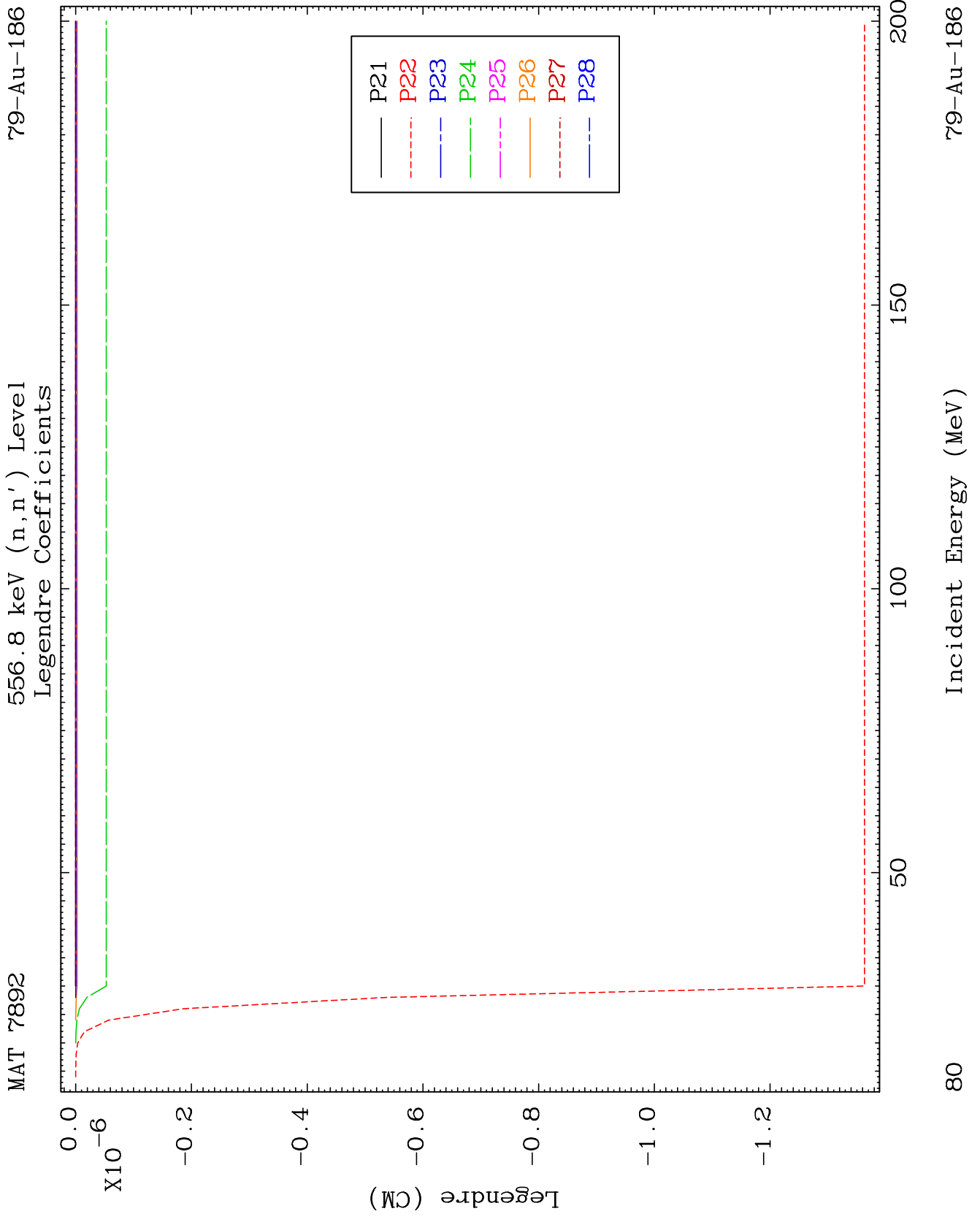
79-Au-186

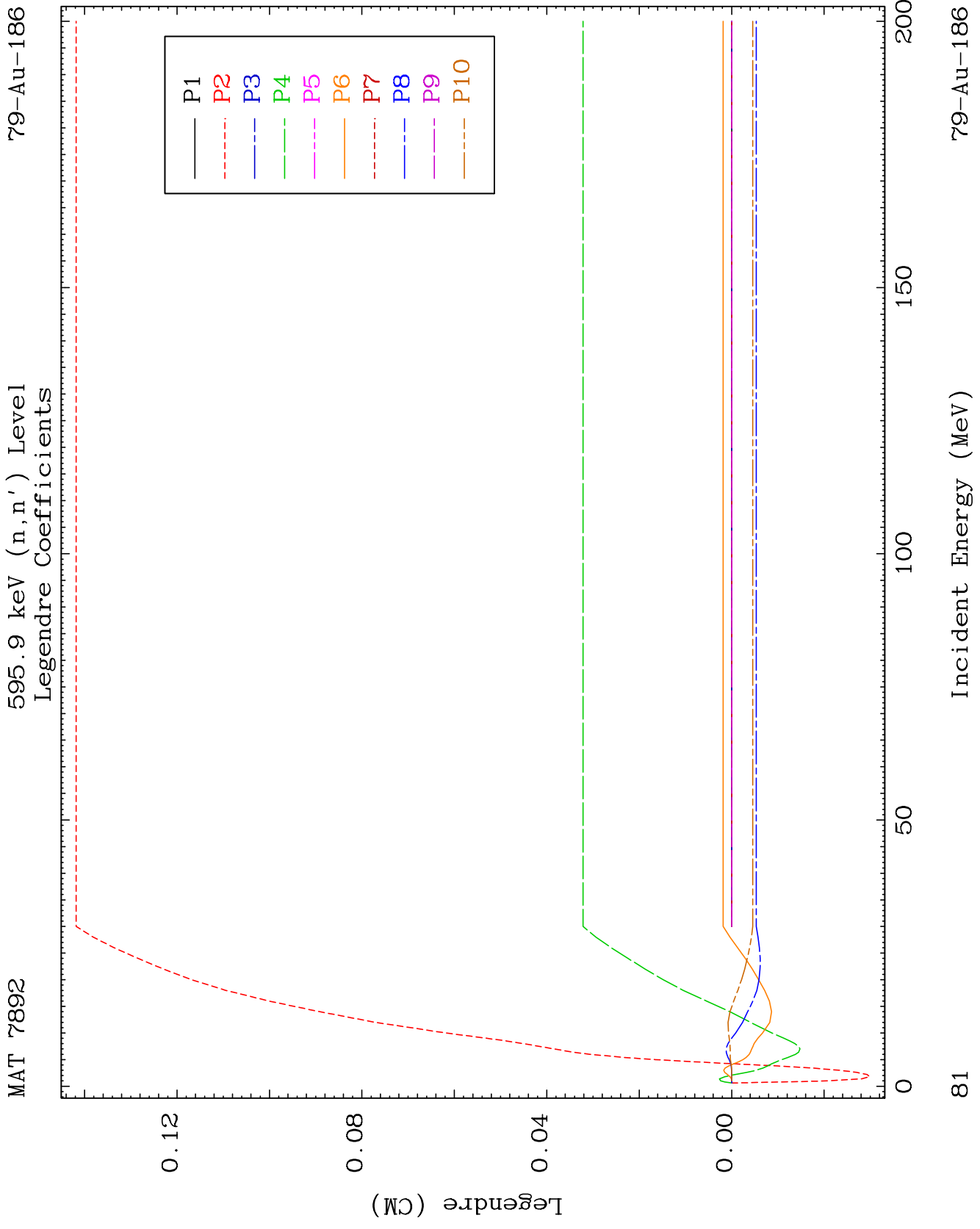


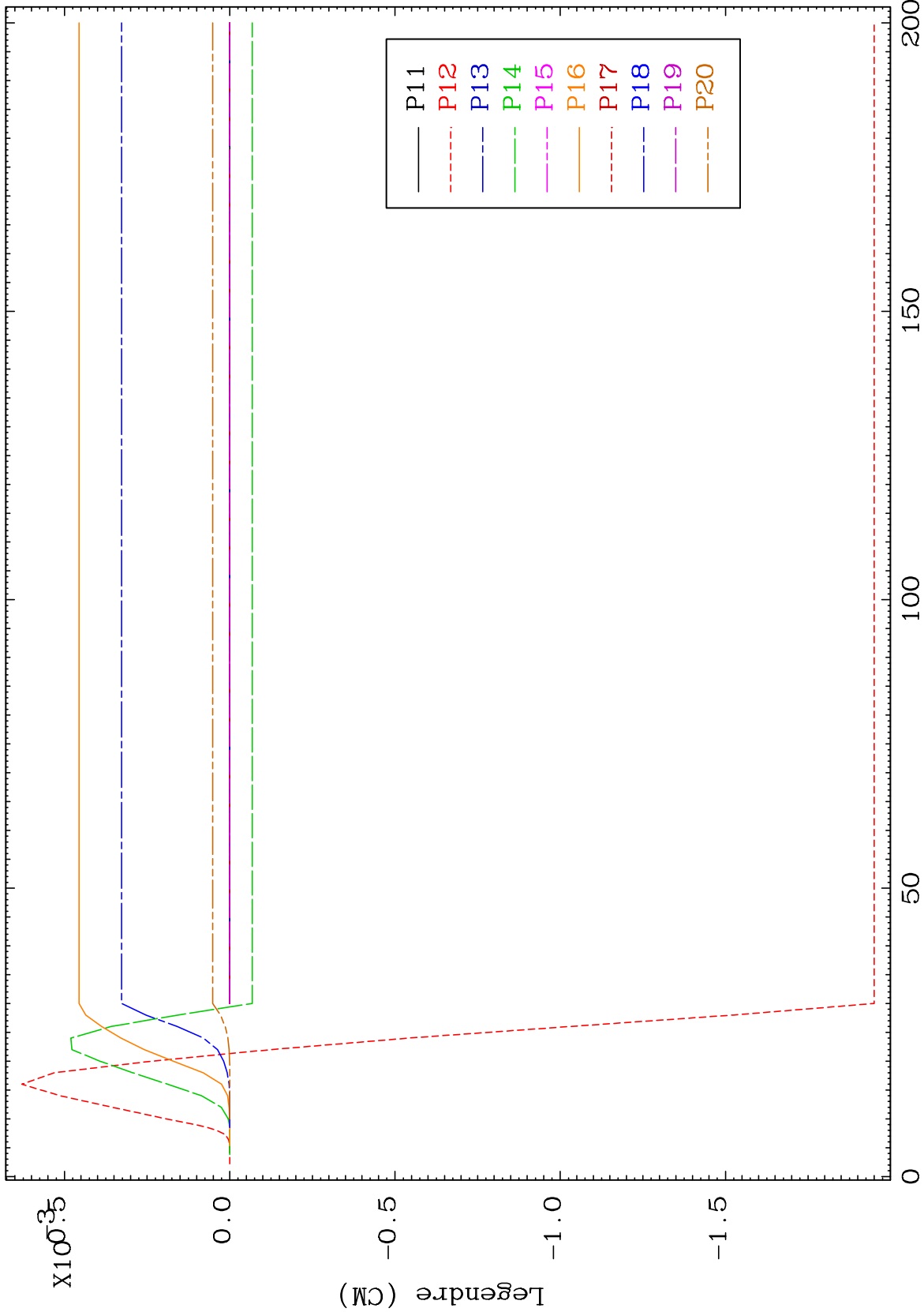
79

Incident Energy (MeV)

79-Au-186



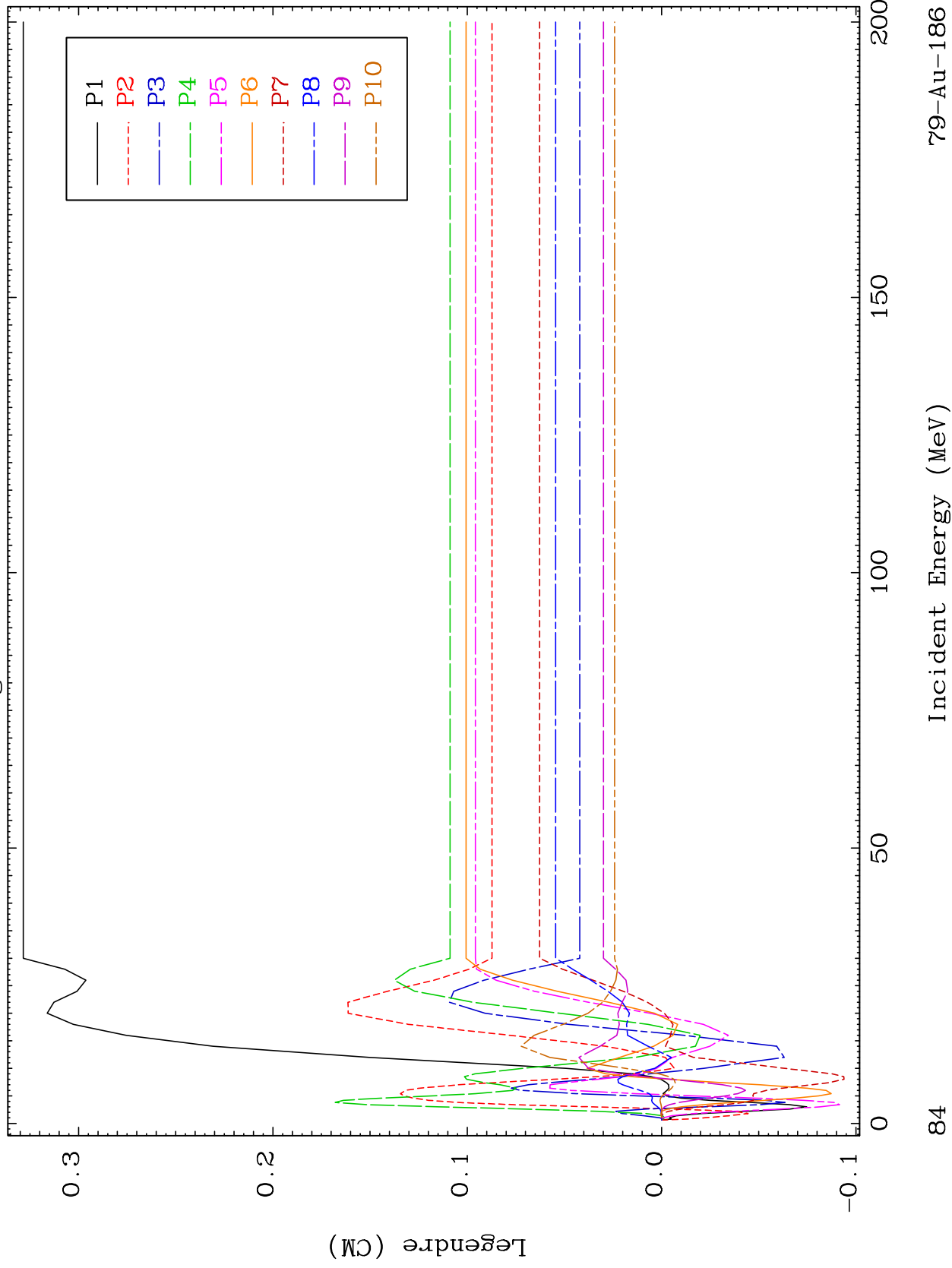




MAT 7892

598.2 keV (n,n') Level
Legendre Coefficients

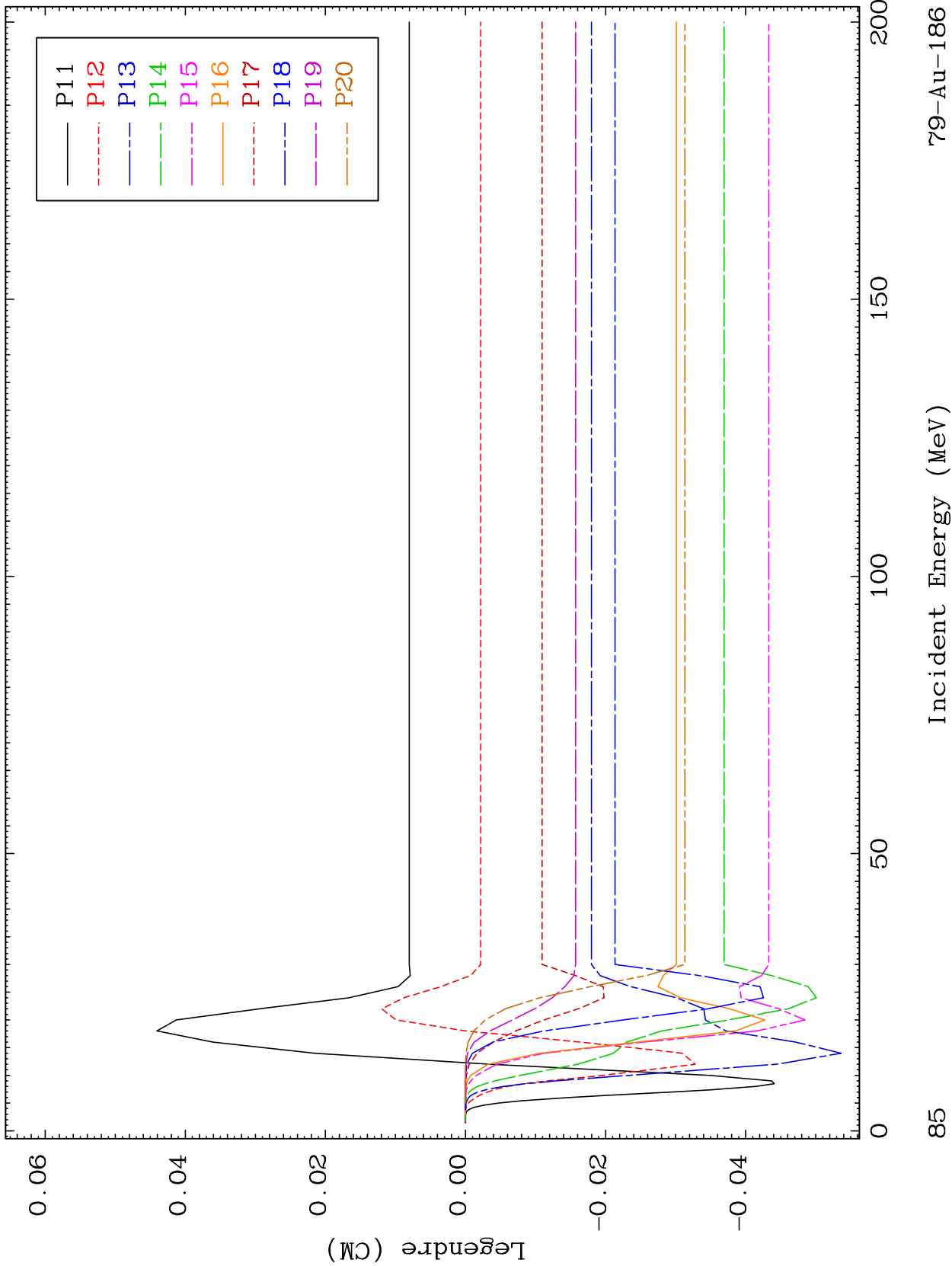
79-Au-186



MAT 7892

598.2 keV (n,n') Level
Legendre Coefficients

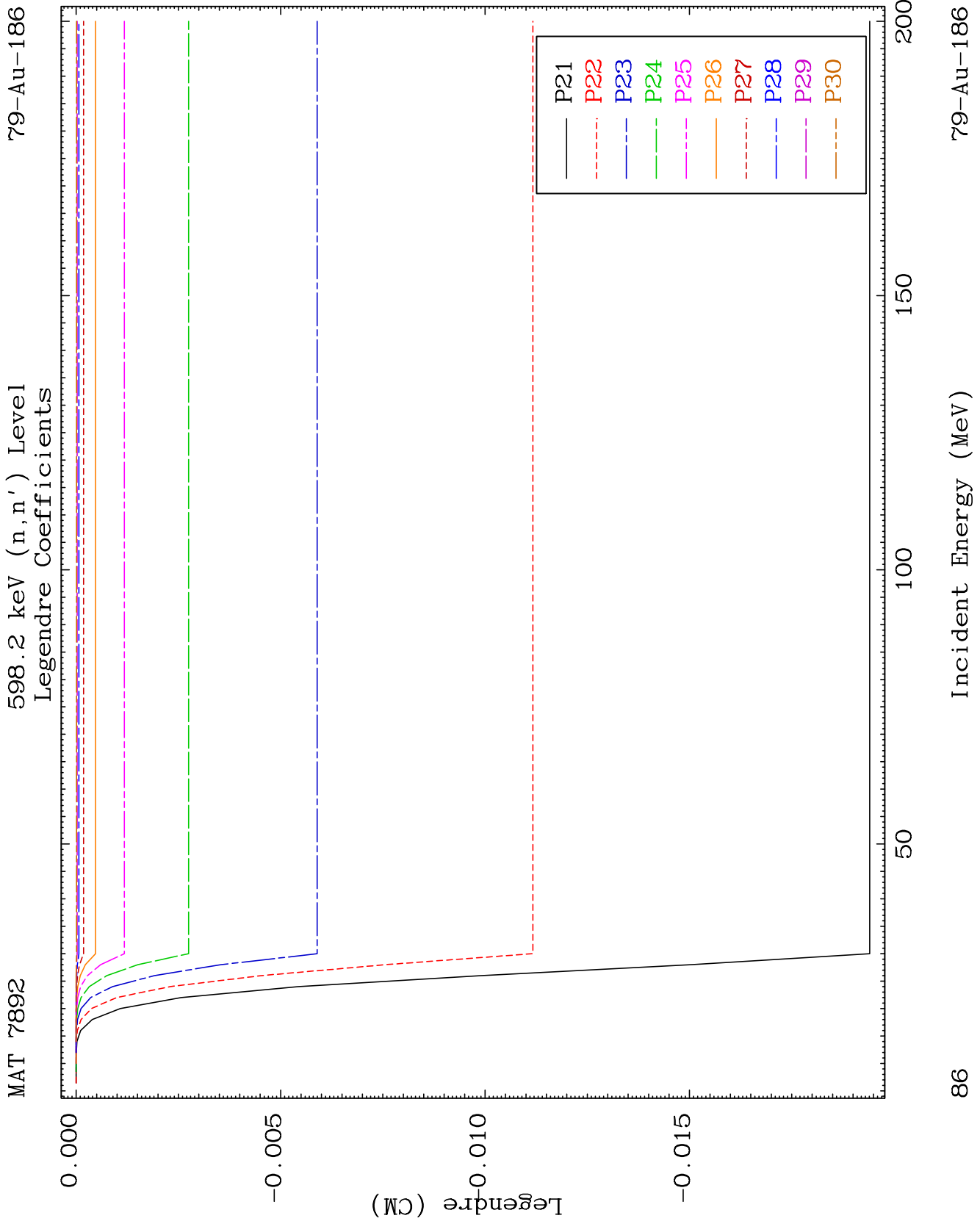
79-Au-186

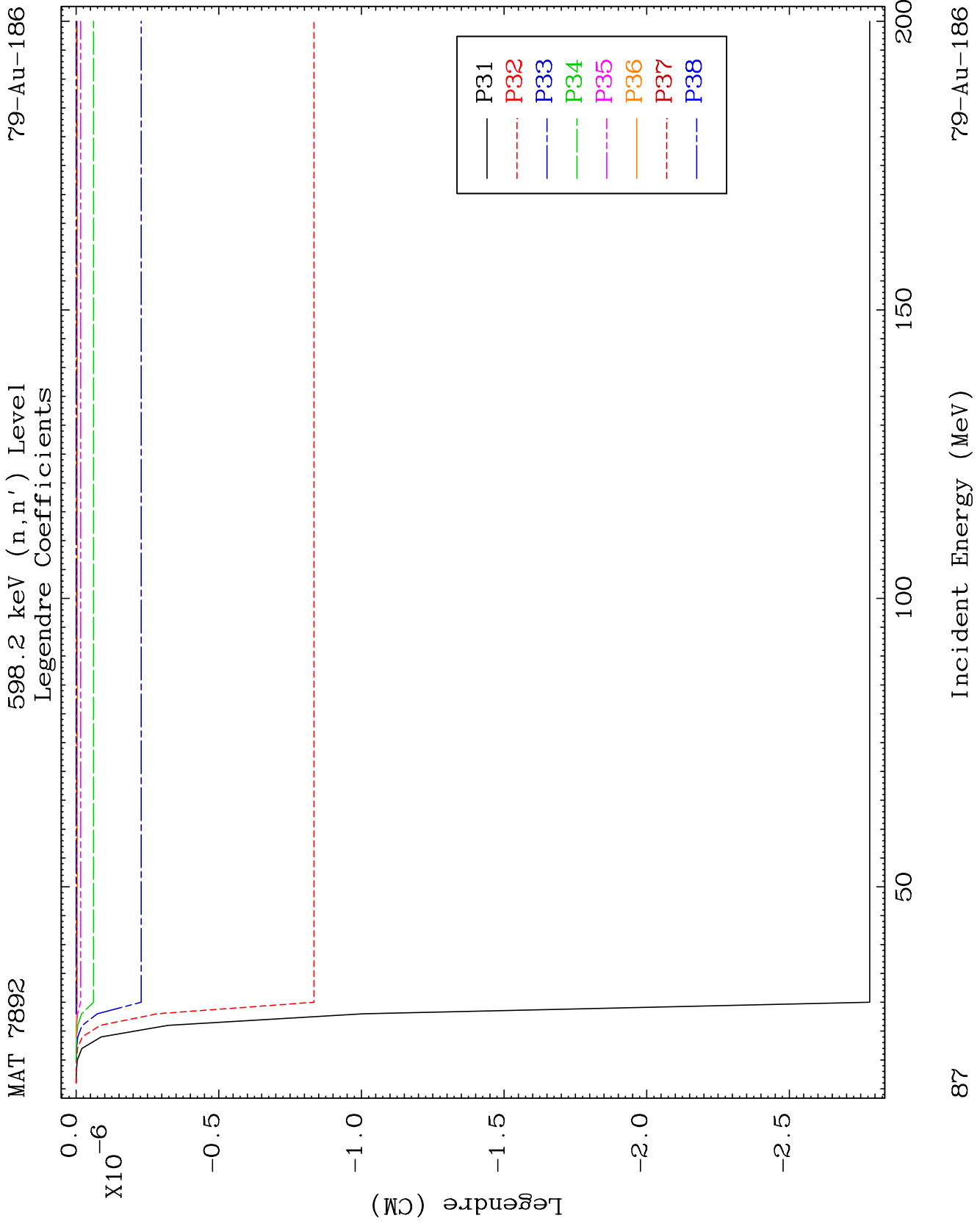


79-Au-186

Incident Energy (MeV)

85

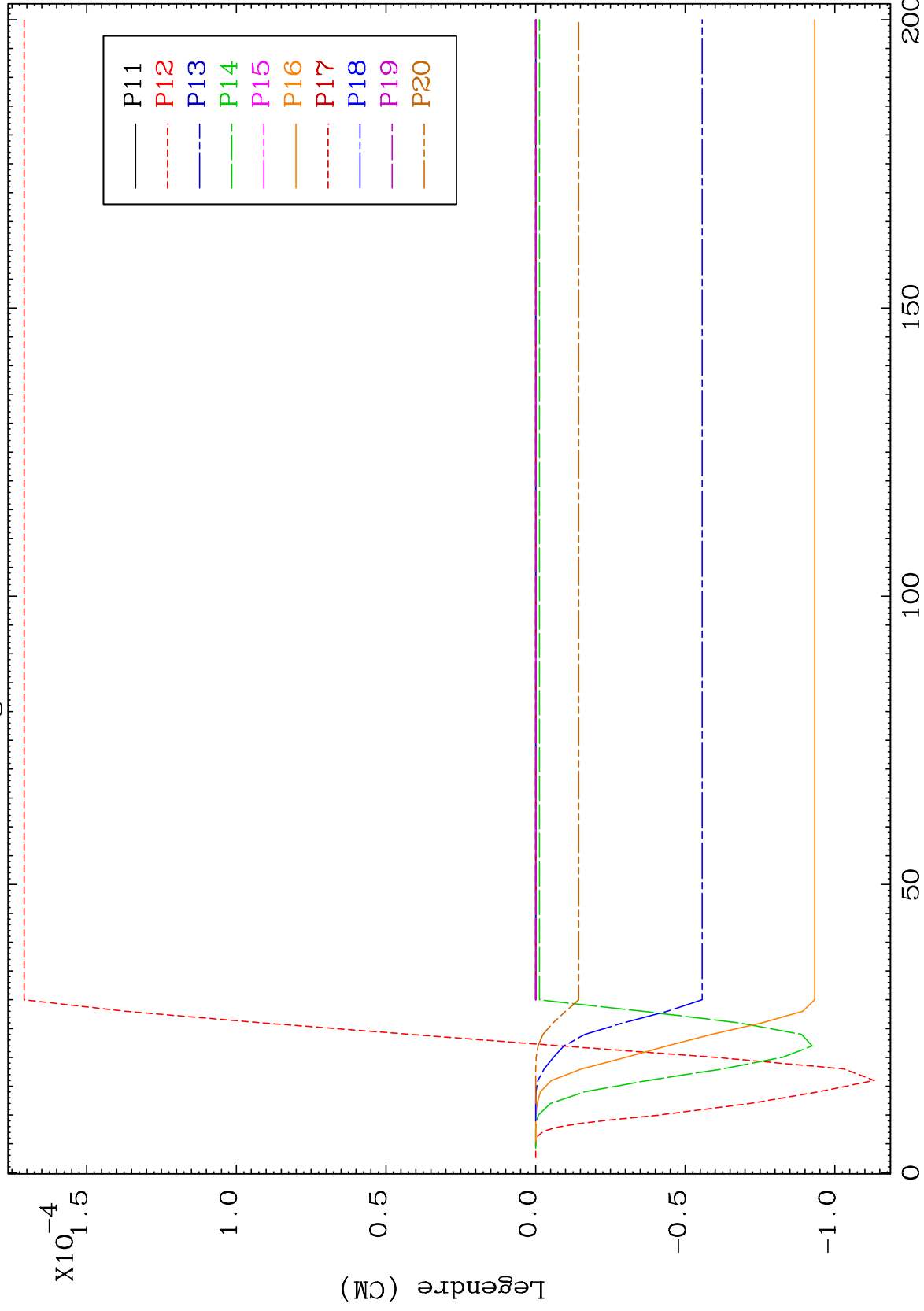




MAT 7892

611.9 keV (n,n') Level
Legendre Coefficients

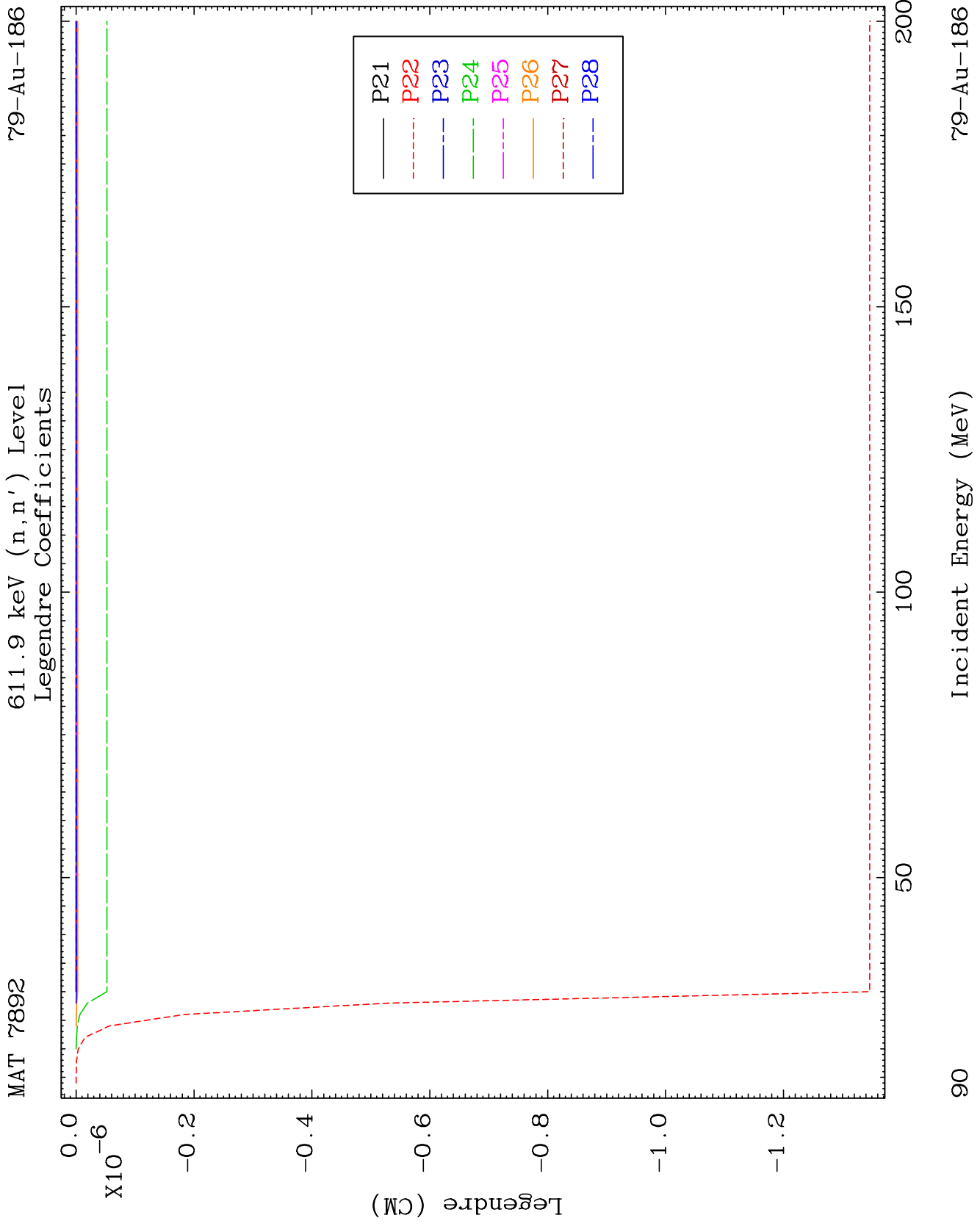
79-Au-186



89

Incident Energy (MeV)

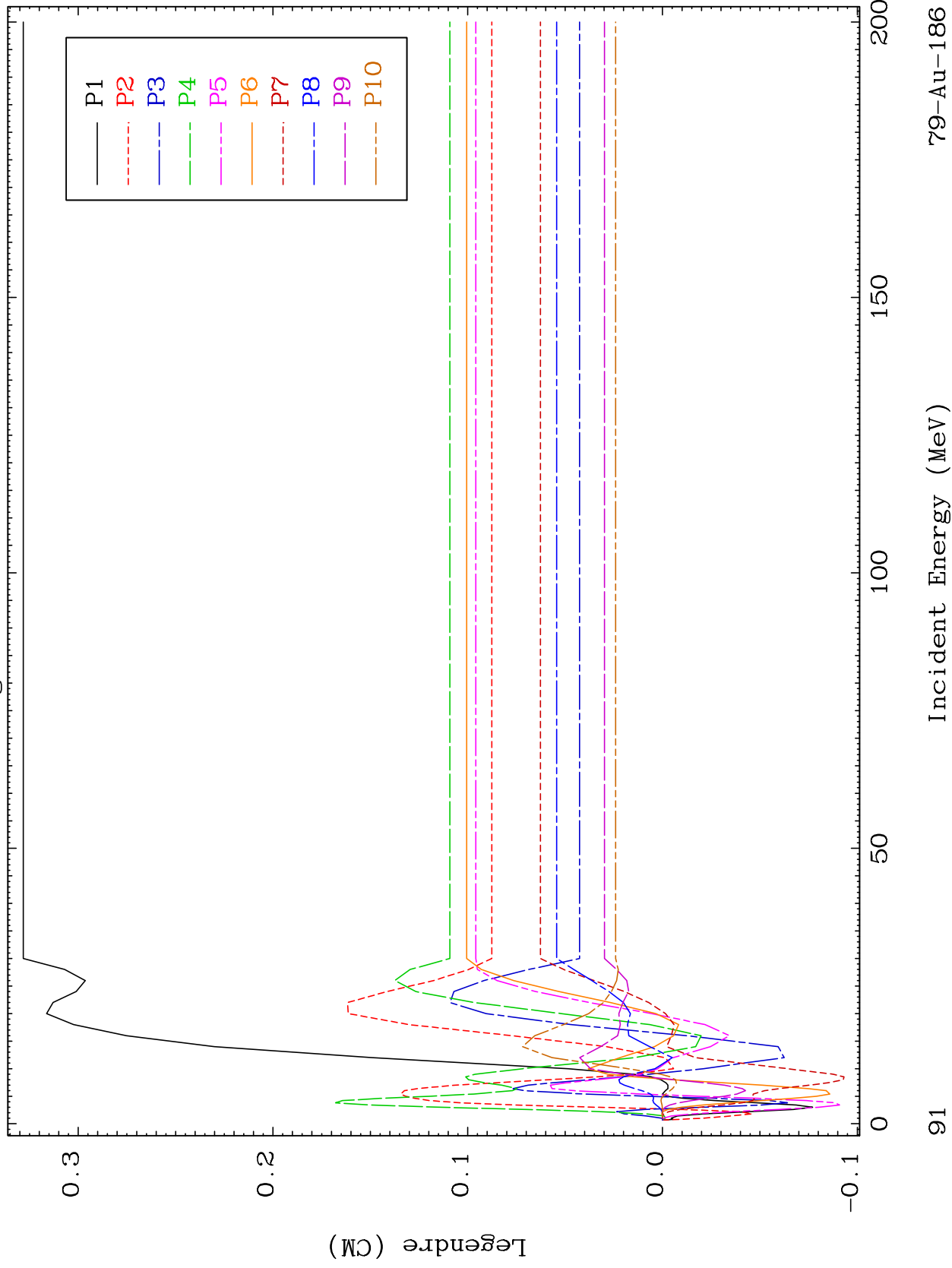
79-Au-186



MAT 7892

664.3 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

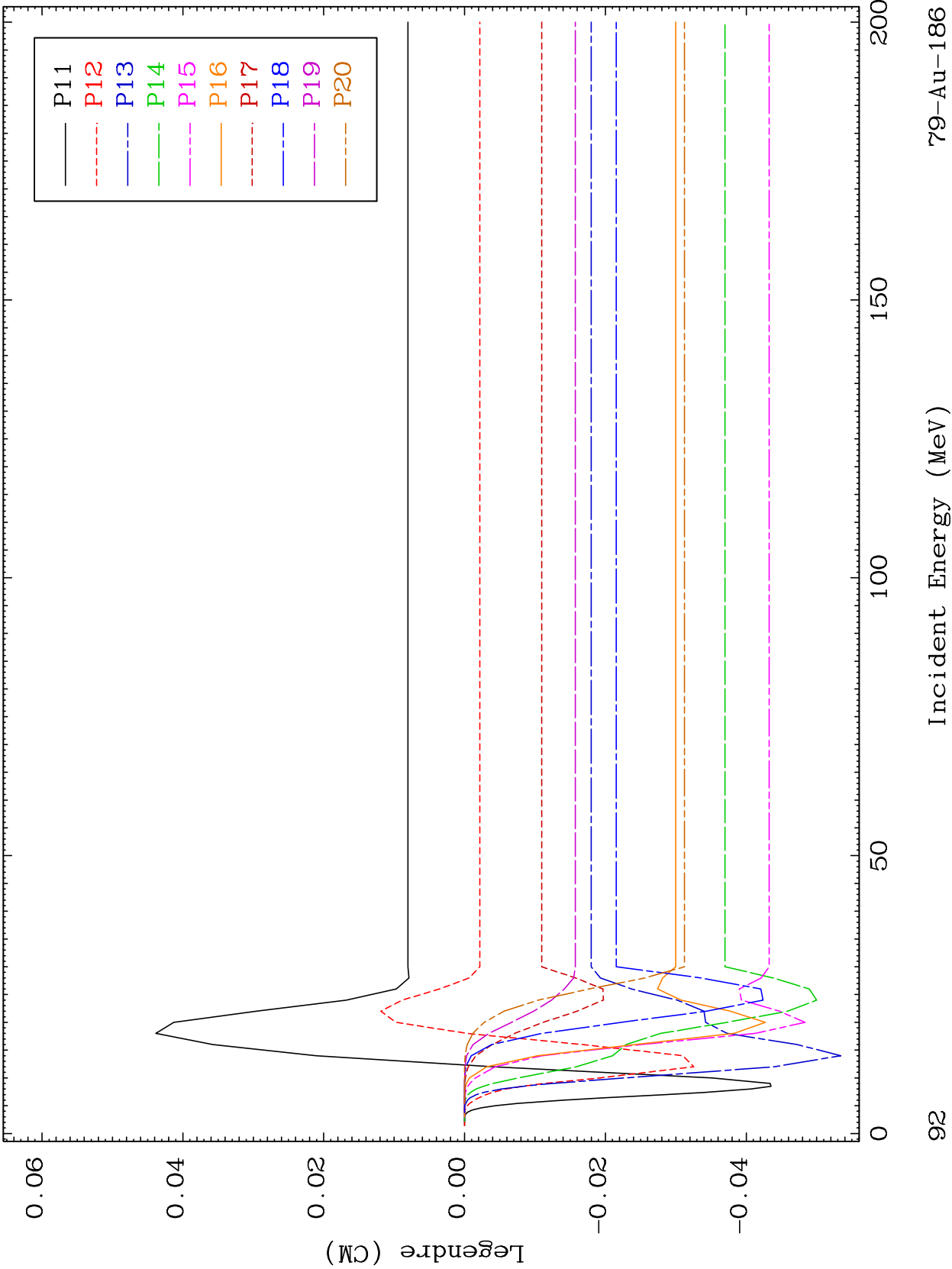
Incident Energy (MeV)

91

MAT 7892

664.3 keV (n,n') Level
Legendre Coefficients

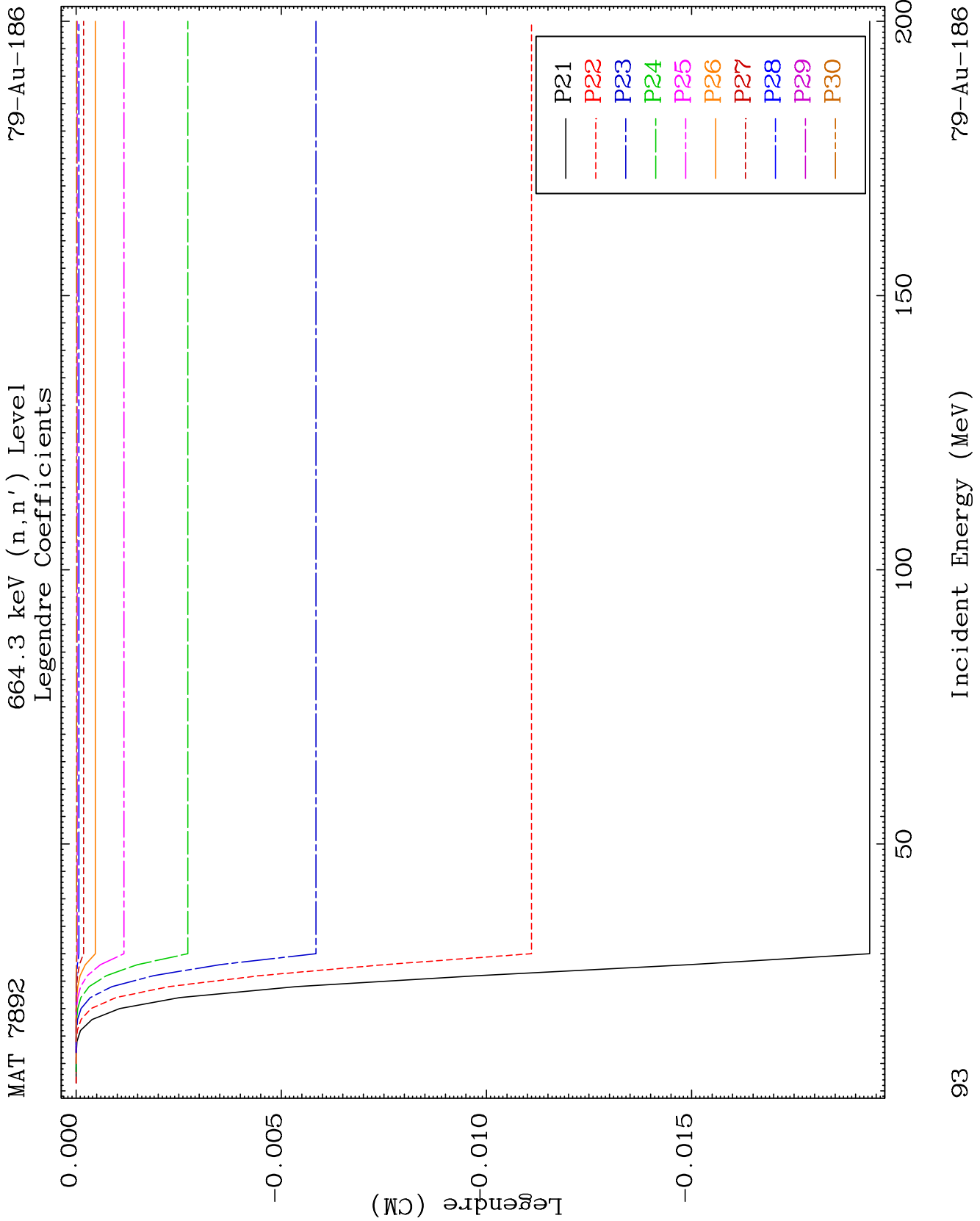
79-Au-186

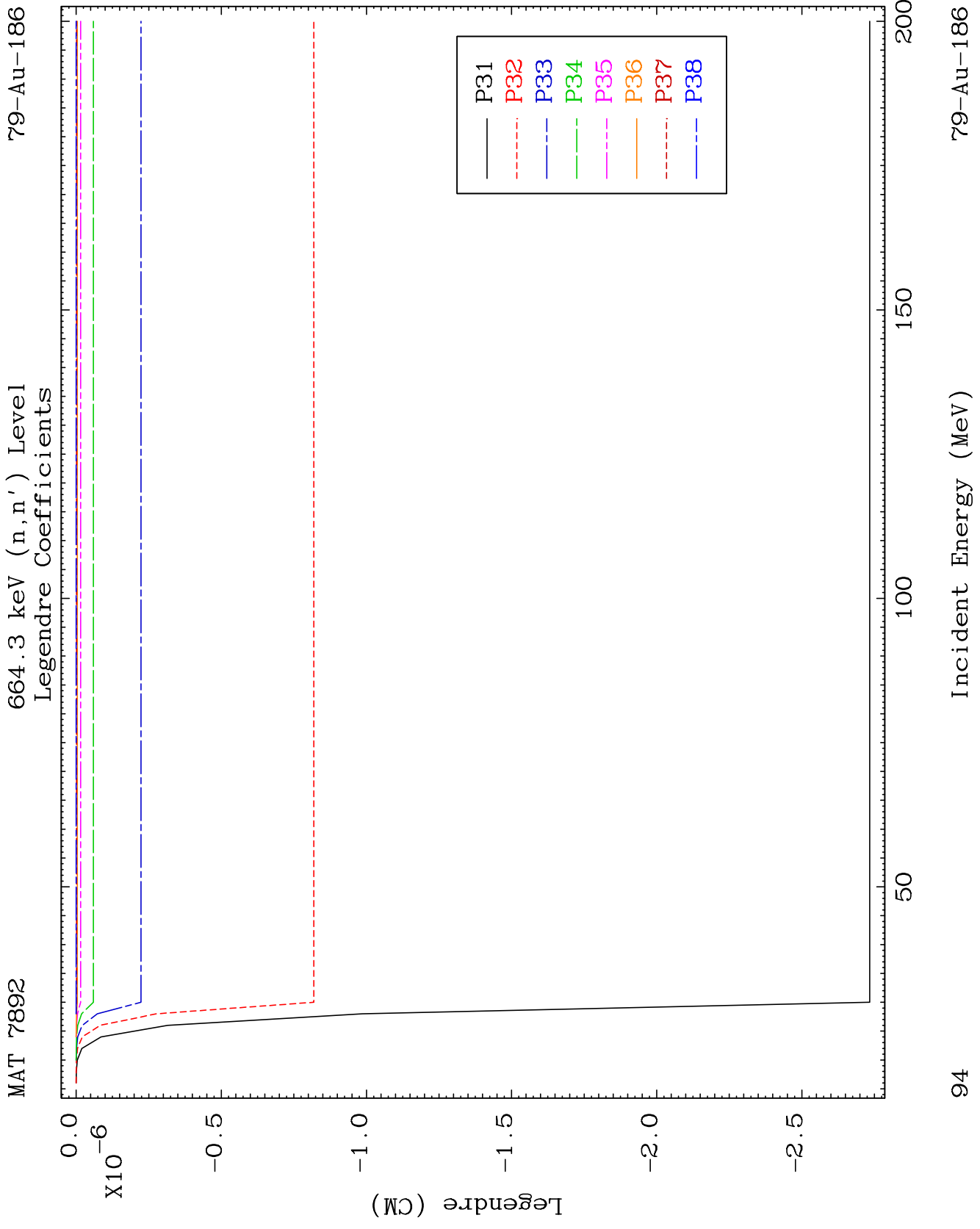


79-Au-186

Incident Energy (MeV)

92

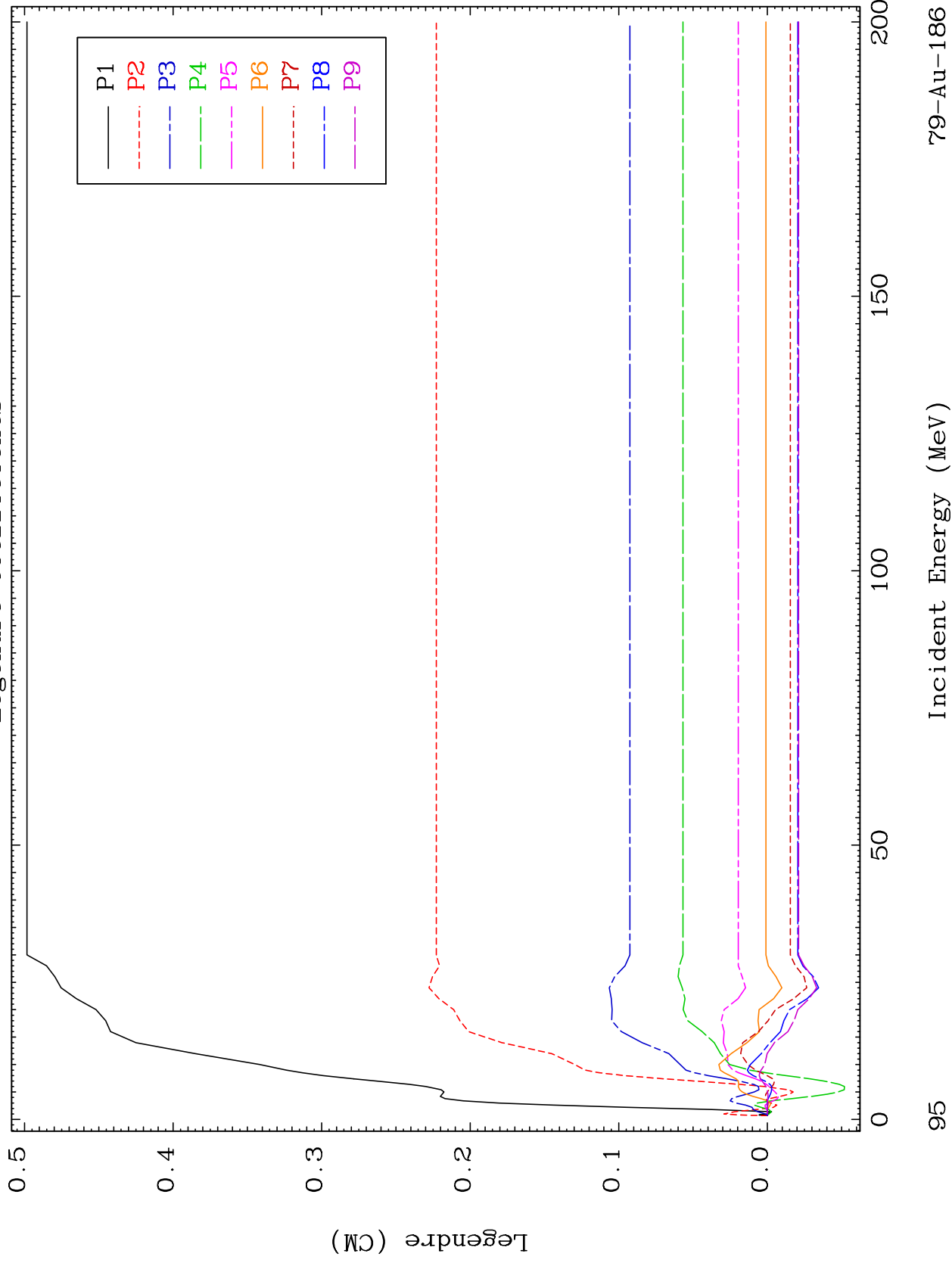




MAT 7892

689.4 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

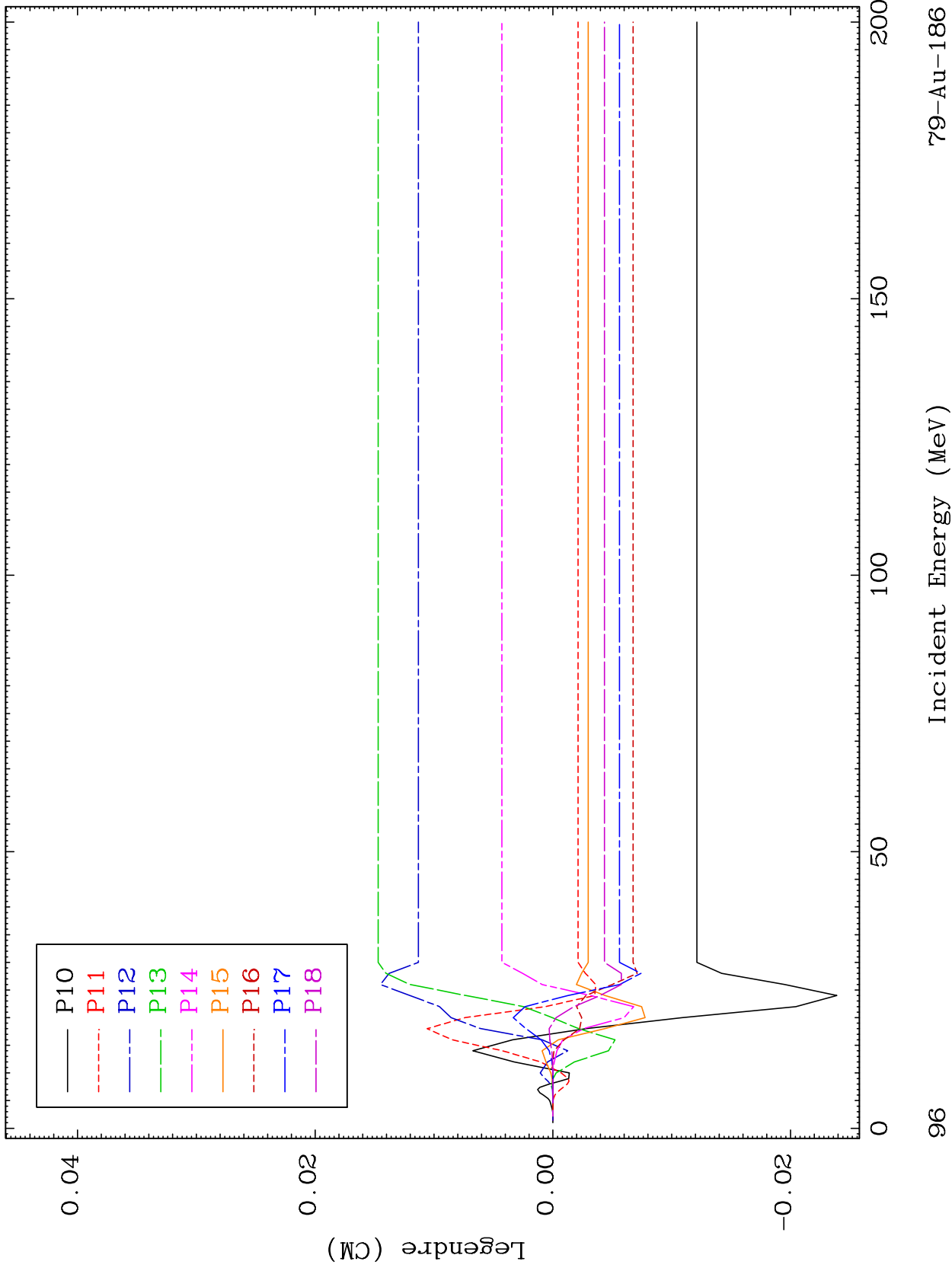
Incident Energy (MeV)

95

MAT 7892

689.4 keV (n,n') Level
Legendre Coefficients

79-Au-186



79-Au-186

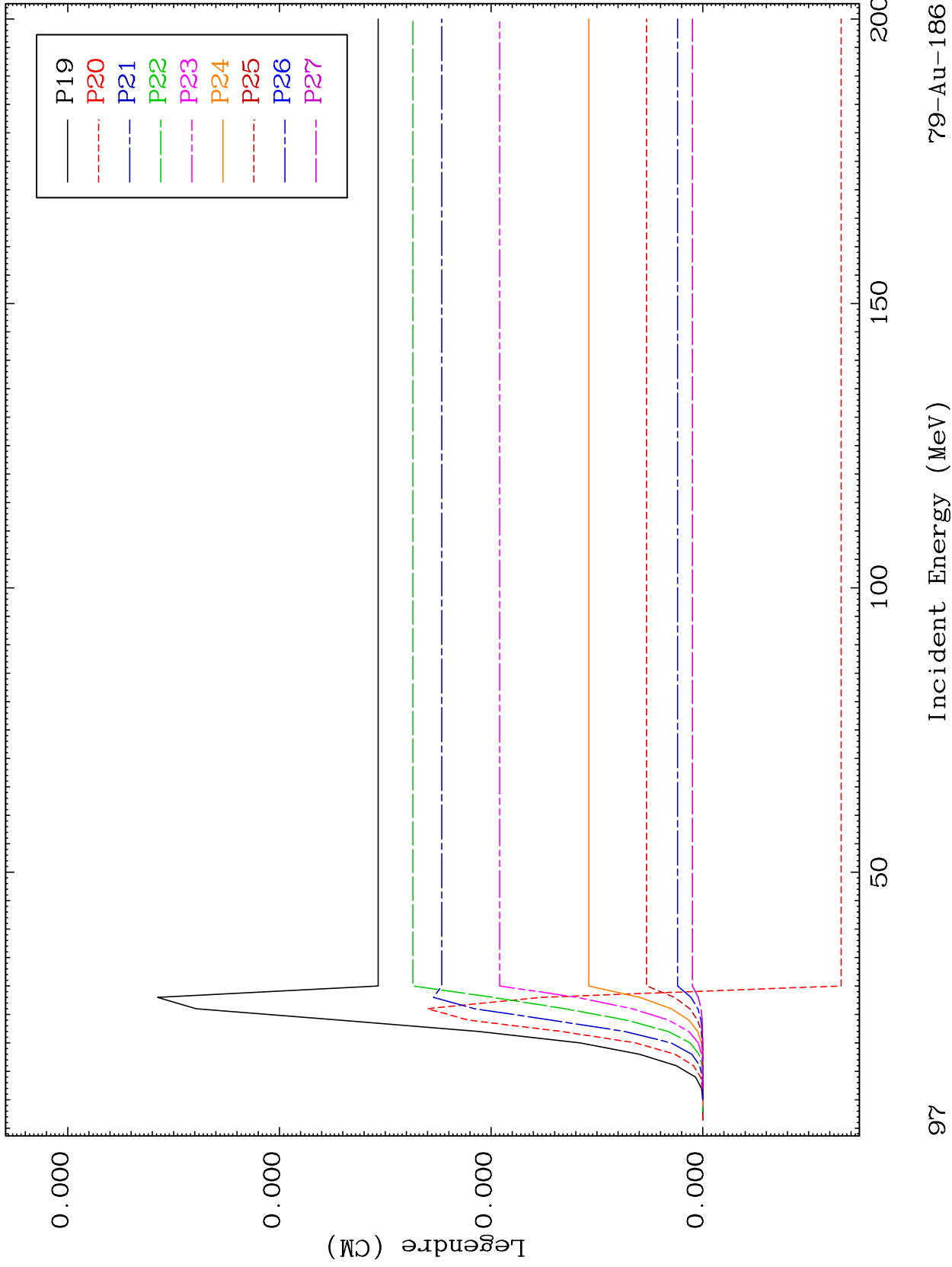
Incident Energy (MeV)

96

MAT 7892

689.4 keV (n,n') Level
Legendre Coefficients

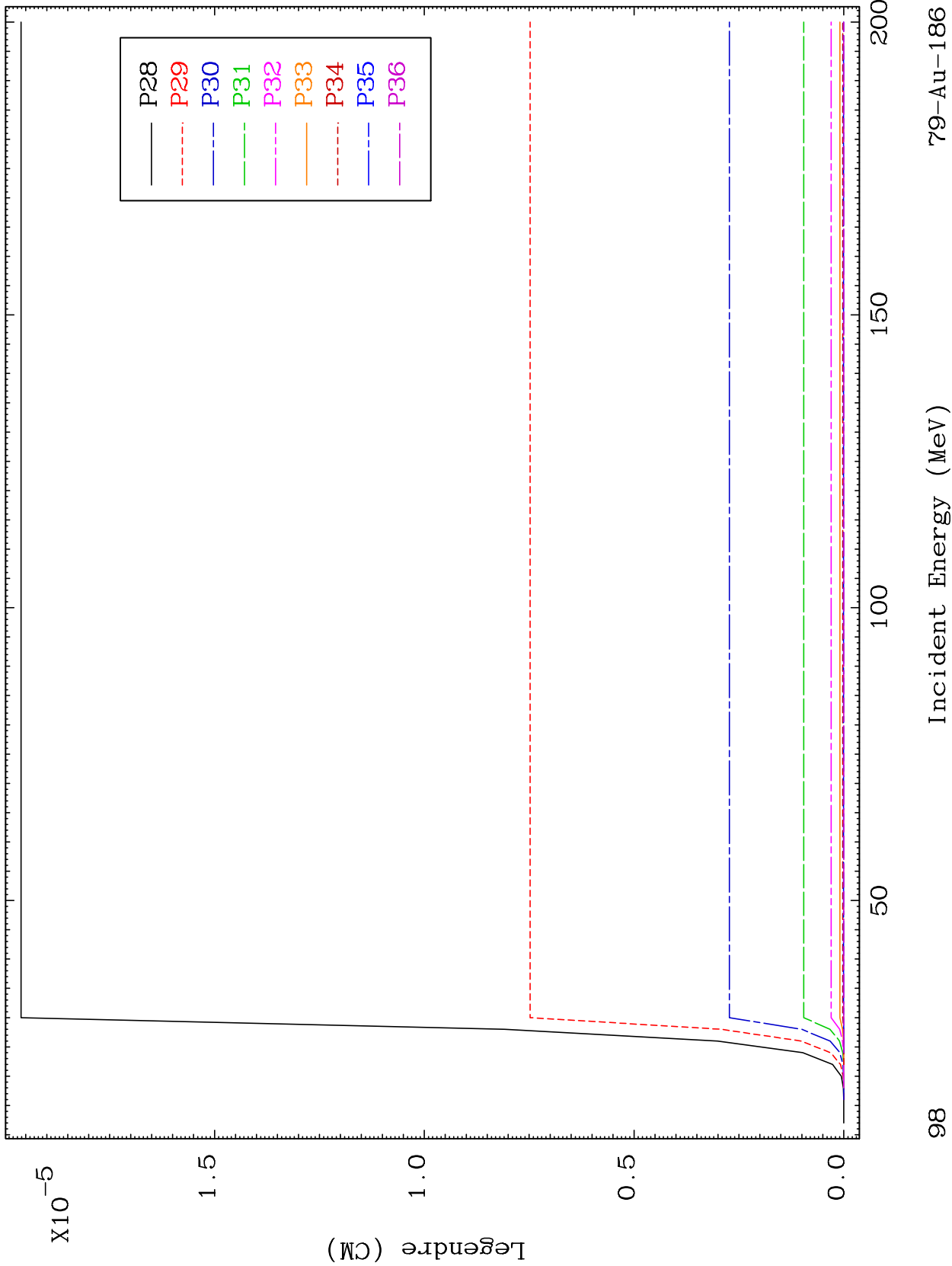
79-Au-186



97

Incident Energy (MeV)

79-Au-186

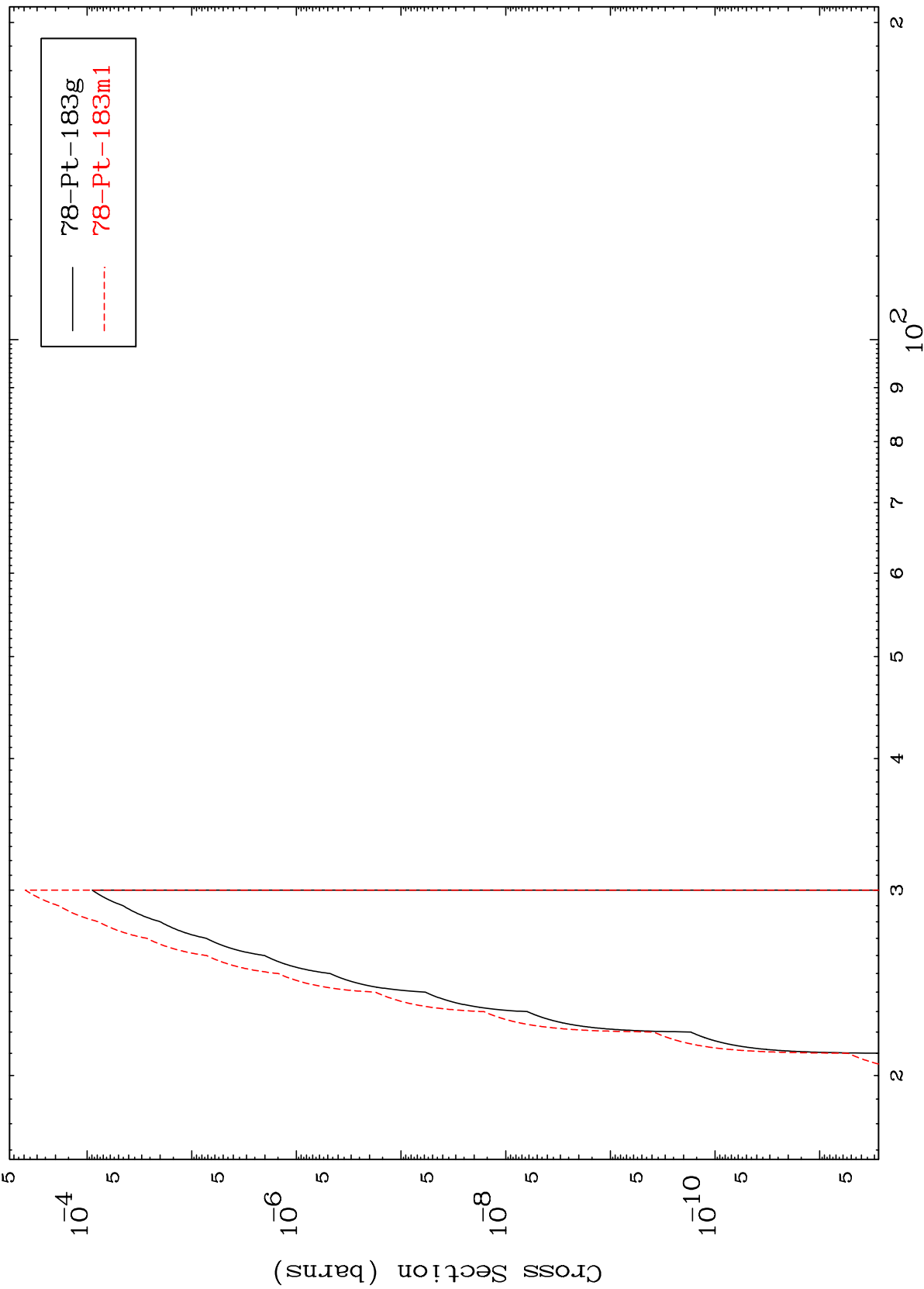


MAT 7892

(n,2n) d

79-Au-186

Radionuclide Production Cross Section



99

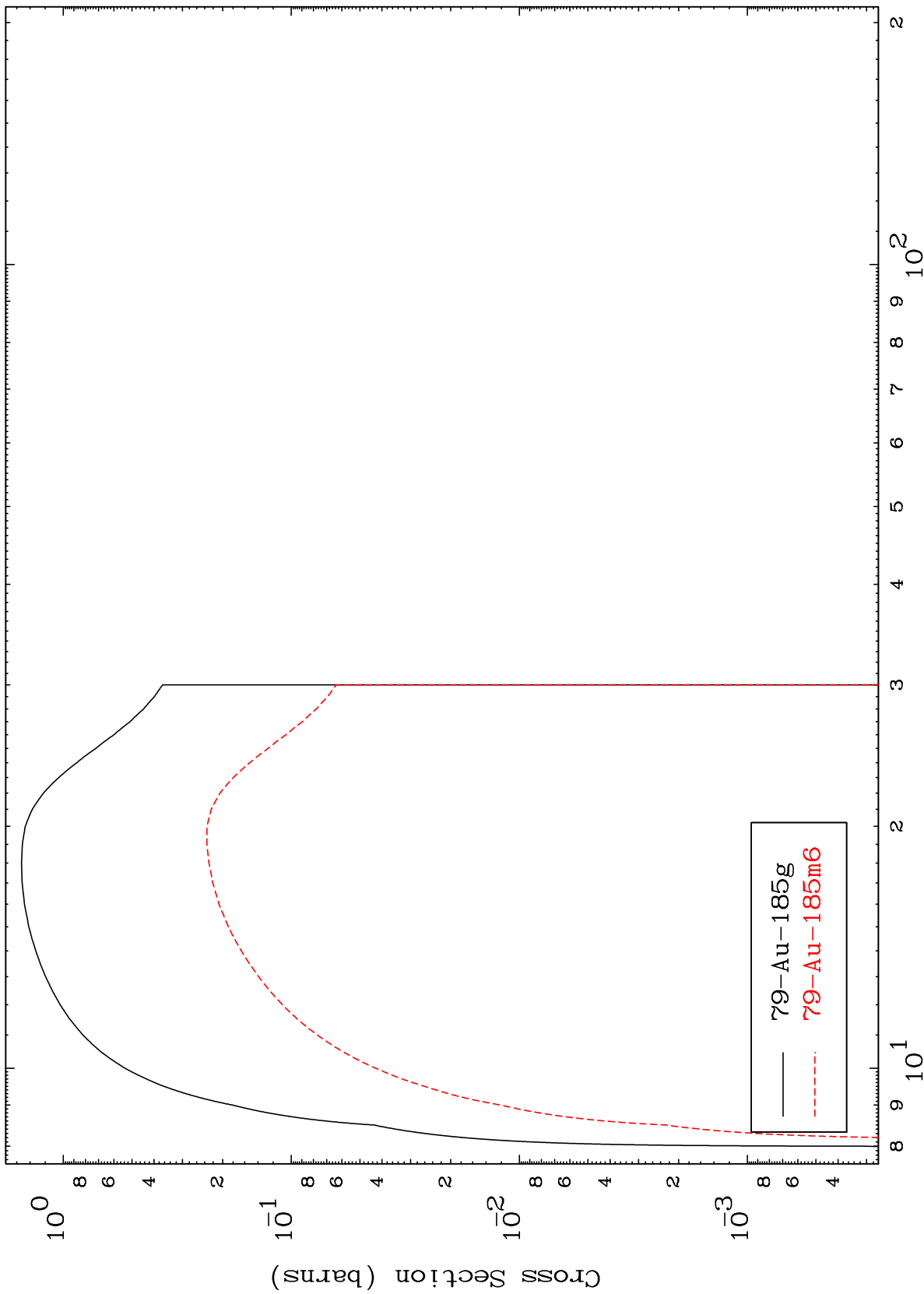
Incident Energy (MeV)

79-Au-186

MAT 7892

⁷⁹Au-186

(n,2n)
Radionuclide Production Cross Section



⁷⁹Au-186

Incident Energy (MeV)

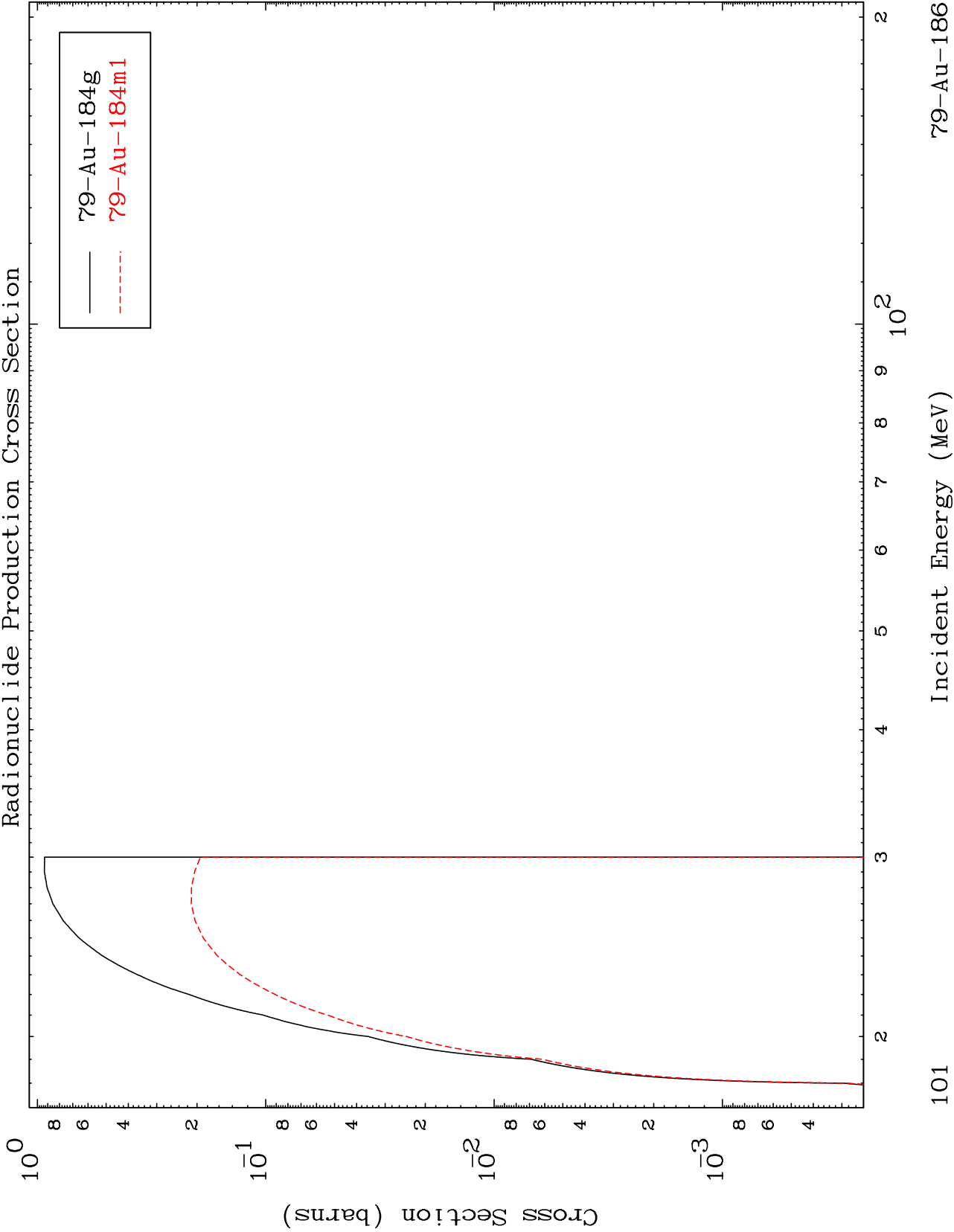
100

MAT 7892

(n,3n)

79-Au-186

Radionuclide Production Cross Section



101

Incident Energy (MeV)

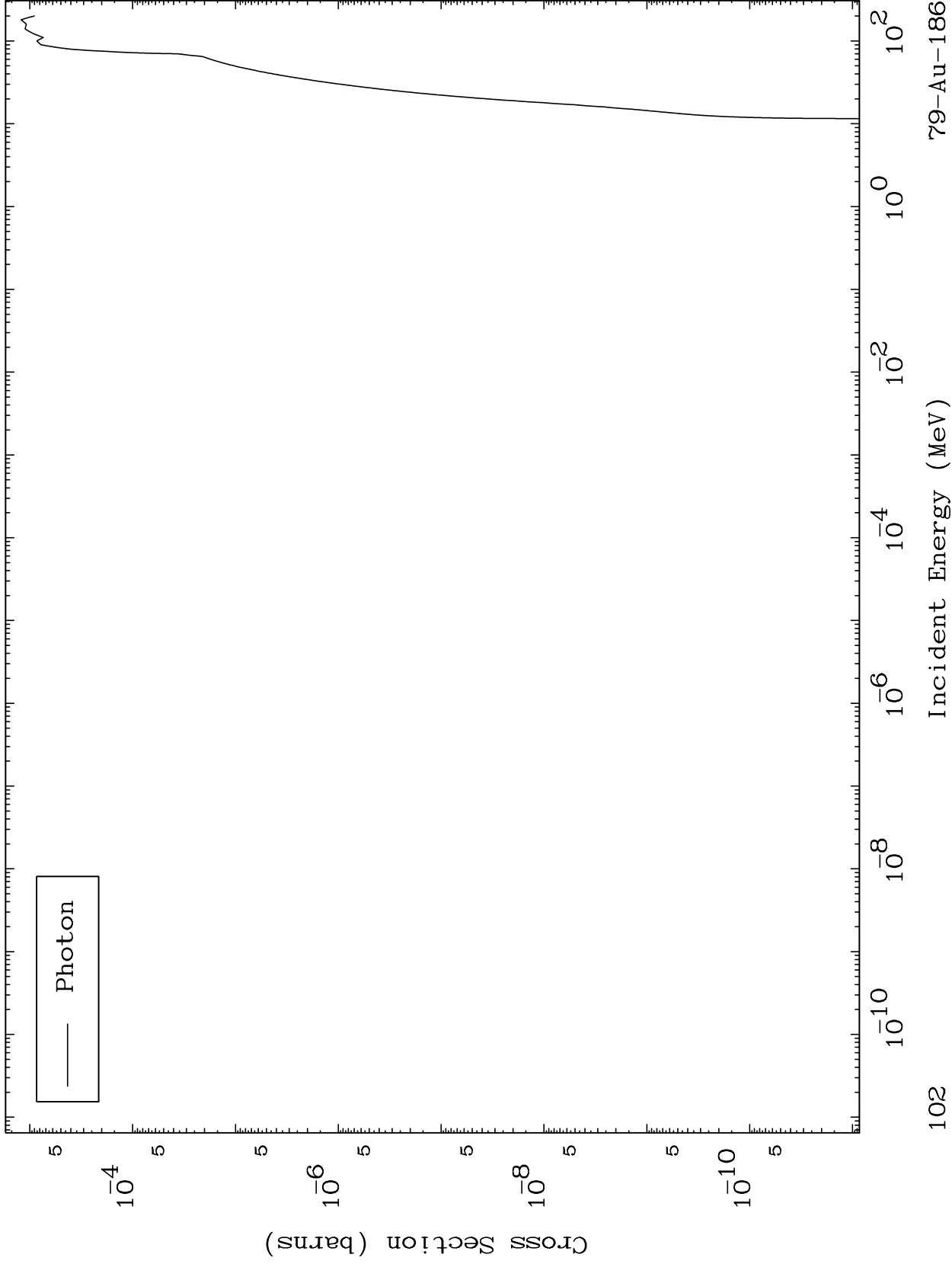
79-Au-186

MAT 7892

Fission

79-Au-186

Radionuclide Production Cross Section



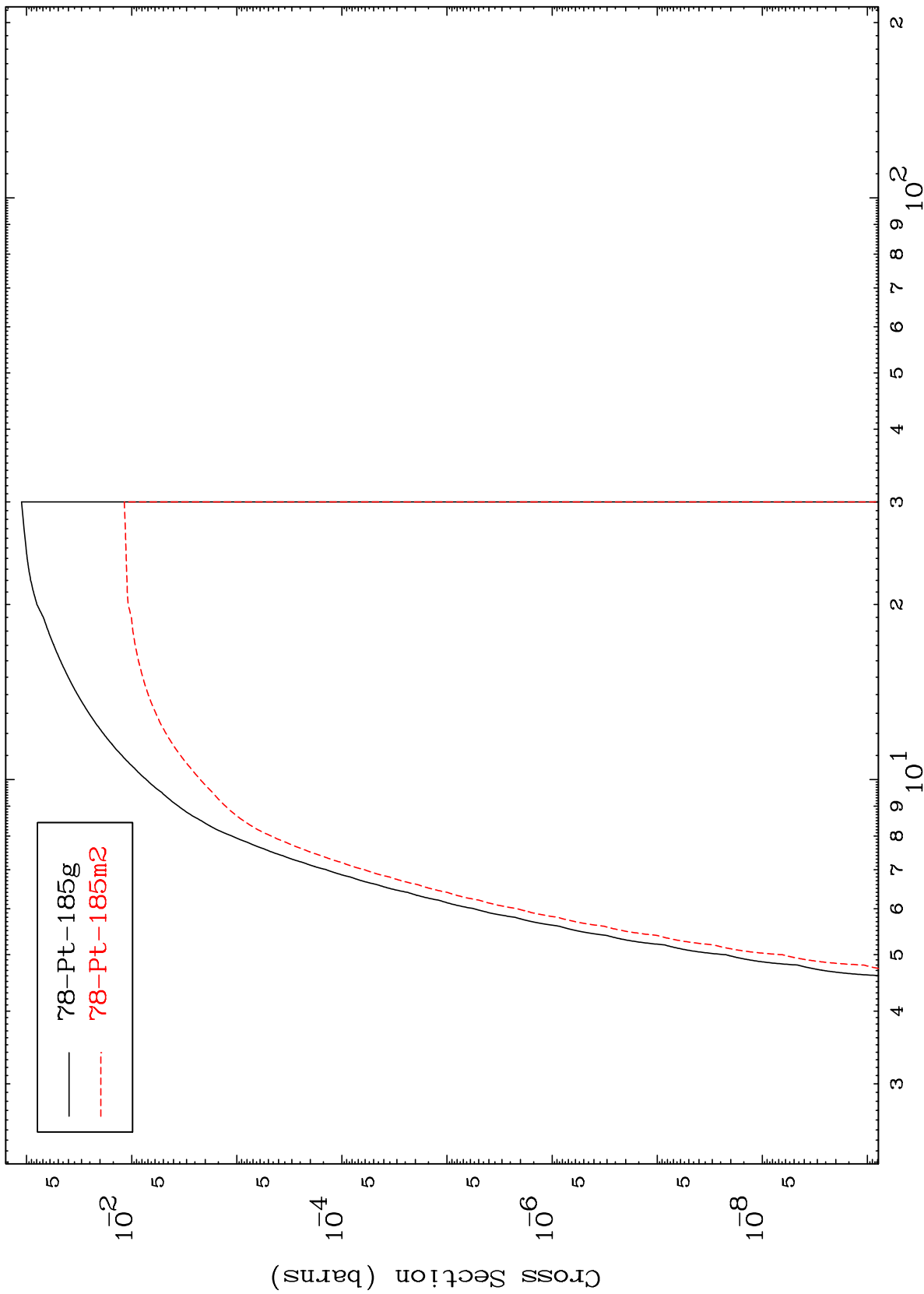
102

79-Au-186

MAT 7892

79-Au-186

(n,n') p
Radionuclide Production Cross Section

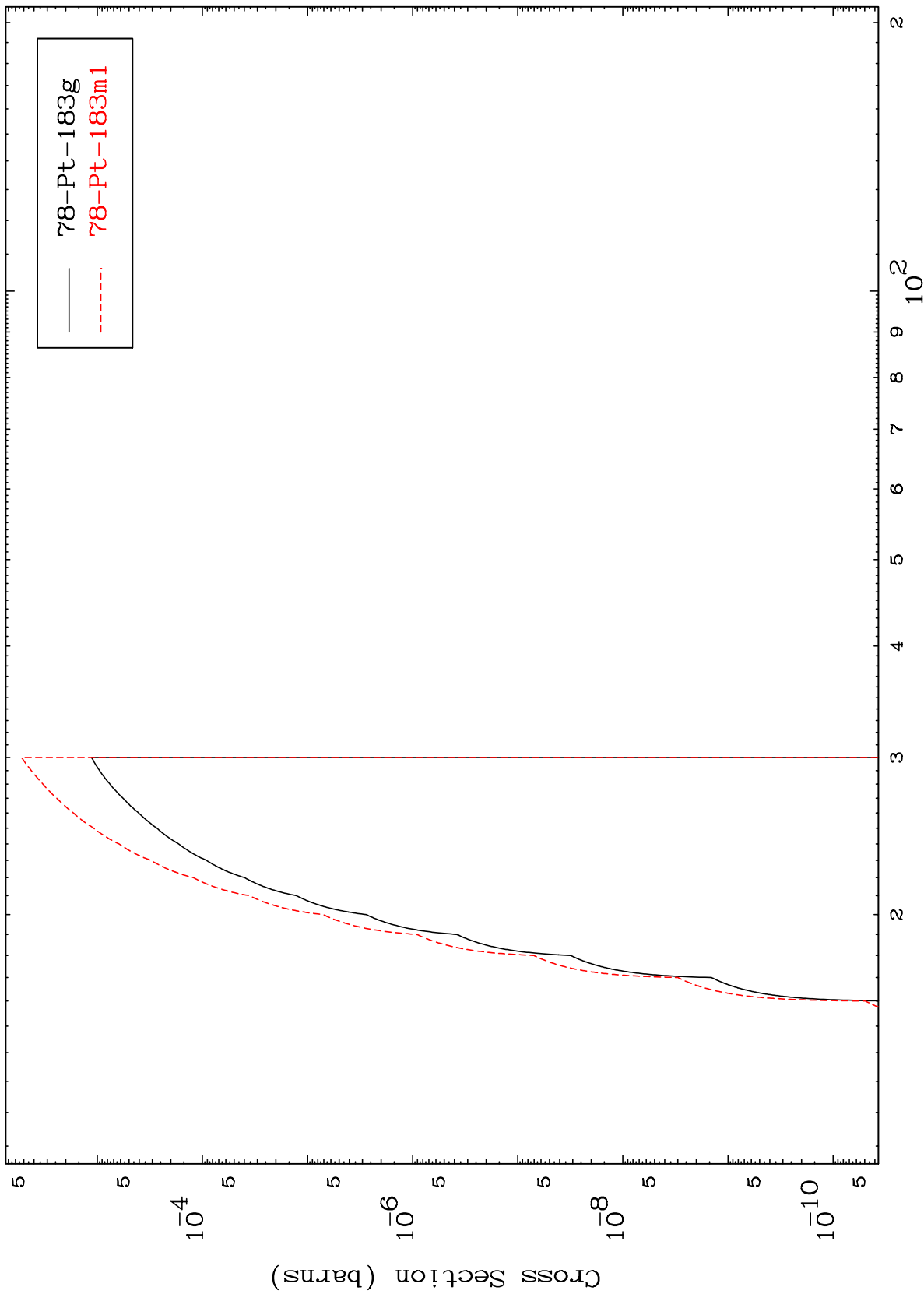


103

Incident Energy (MeV)

79-Au-186

Radionuclide Production Cross Section

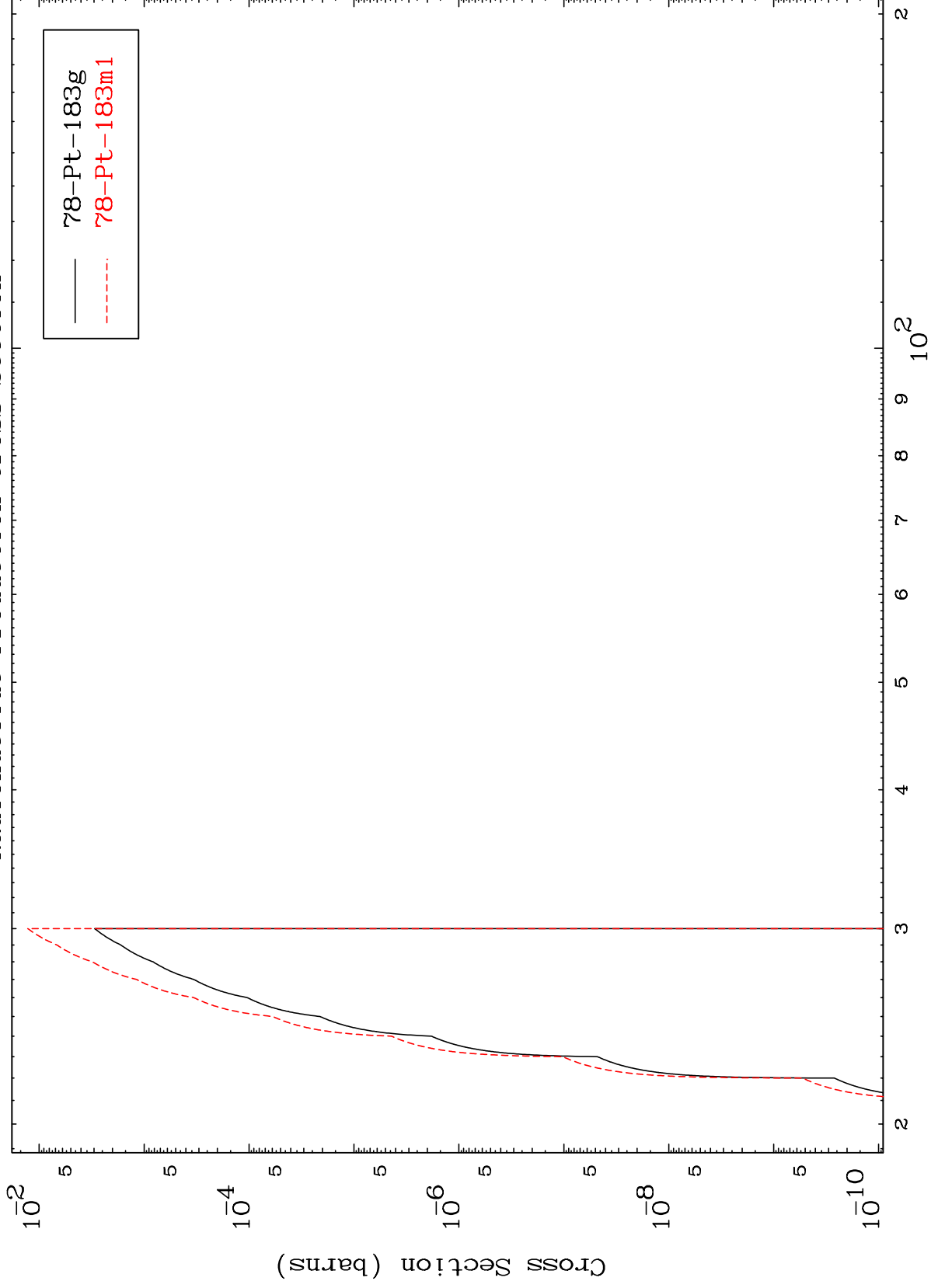


MAT 7892

(n,3n) p

79-Au-186

Radionuclide Production Cross Section



105

Incident Energy (MeV)

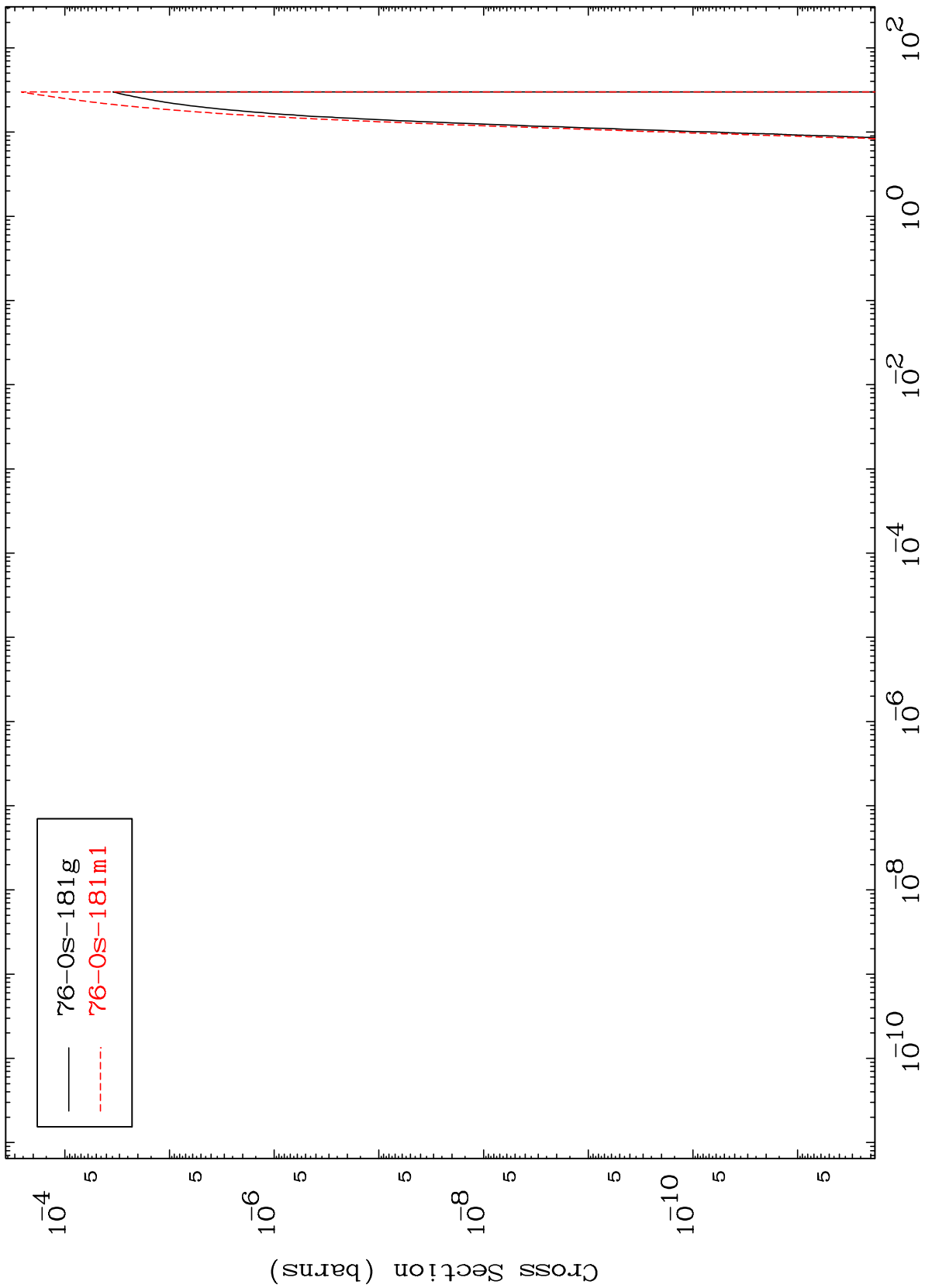
79-Au-186

MAT 7892

(n,n') p α

79-Au-186

Radionuclide Production Cross Section



106

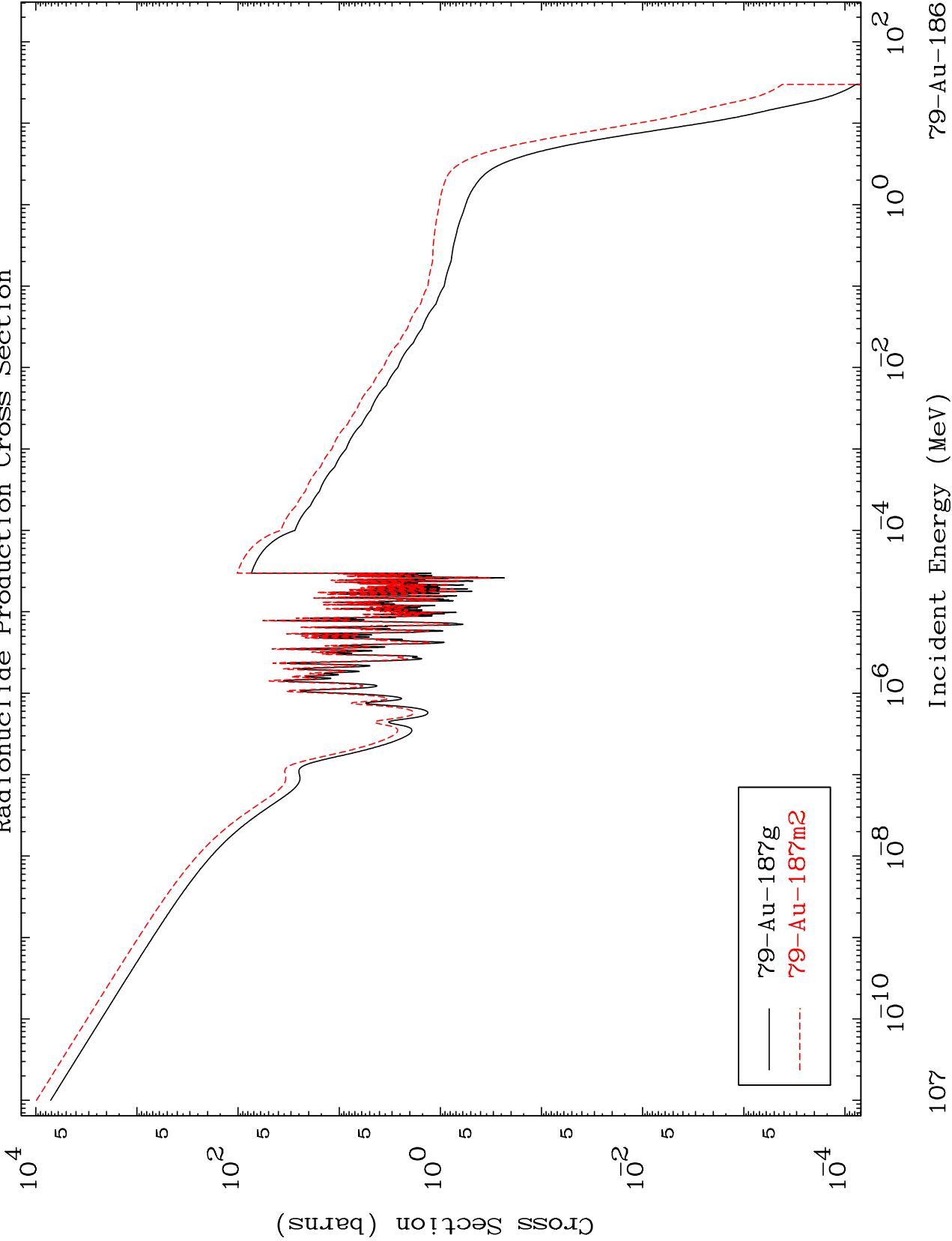
Incident Energy (MeV)

79-Au-186

MAT 7892

⁷⁹Au-186

(n,γ)
Radionuclide Production Cross Section



107

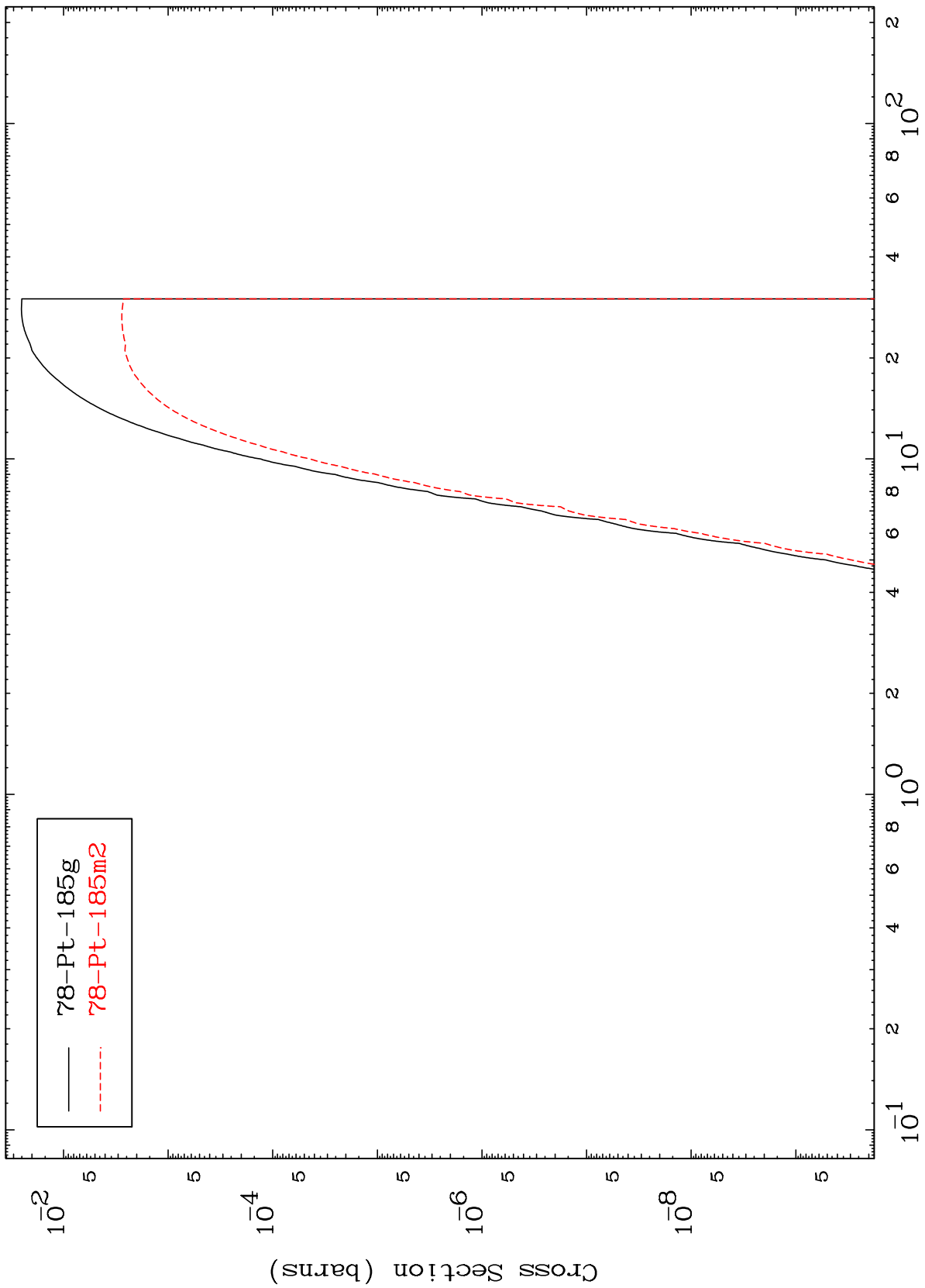
⁷⁹Au-186

MAT 7892

(n,d)

79-Au-186

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-186

108

MAT 7892

(n,d) α

⁷⁹Au-186

Radionuclide Production Cross Section

