

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

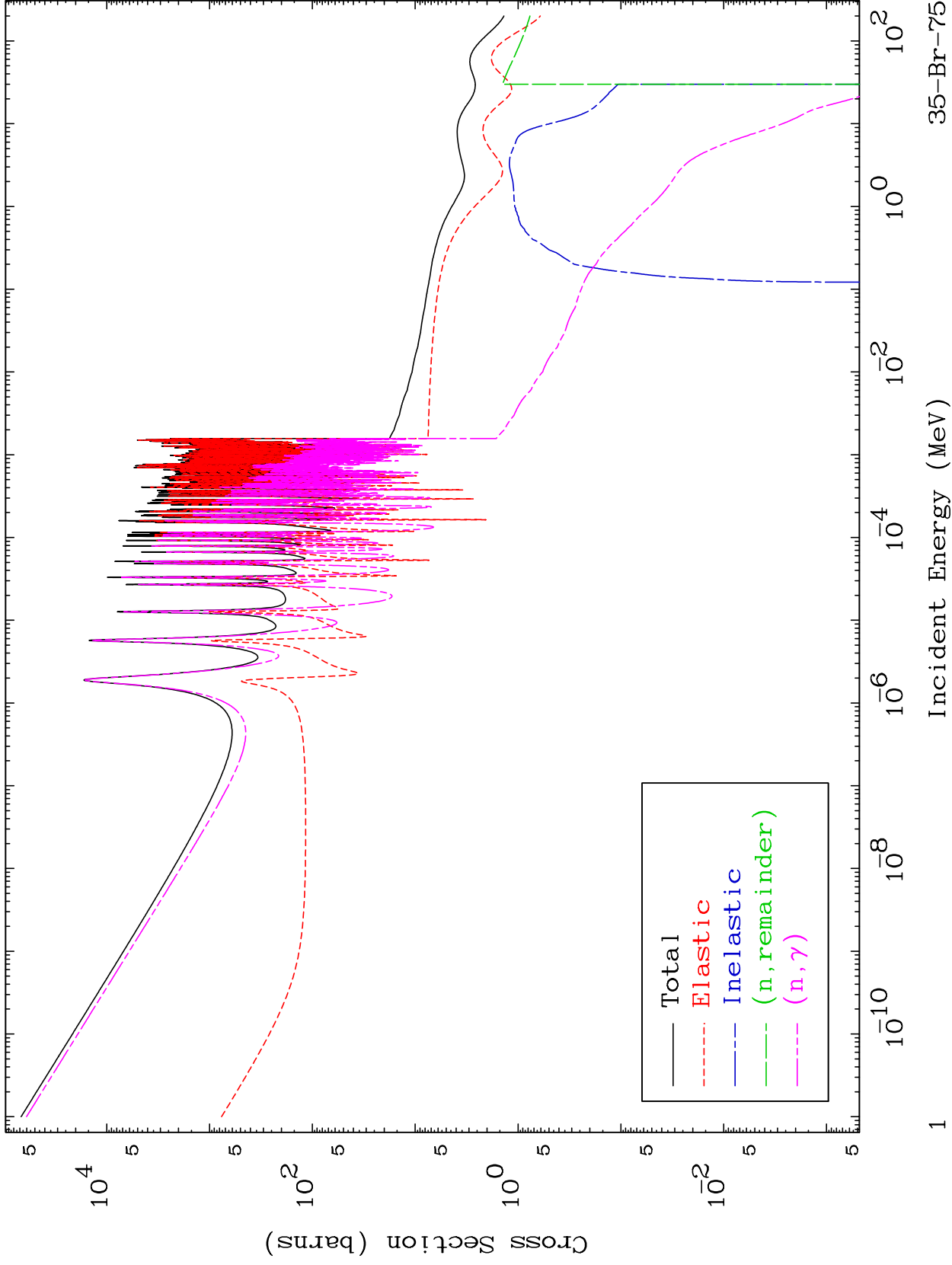
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

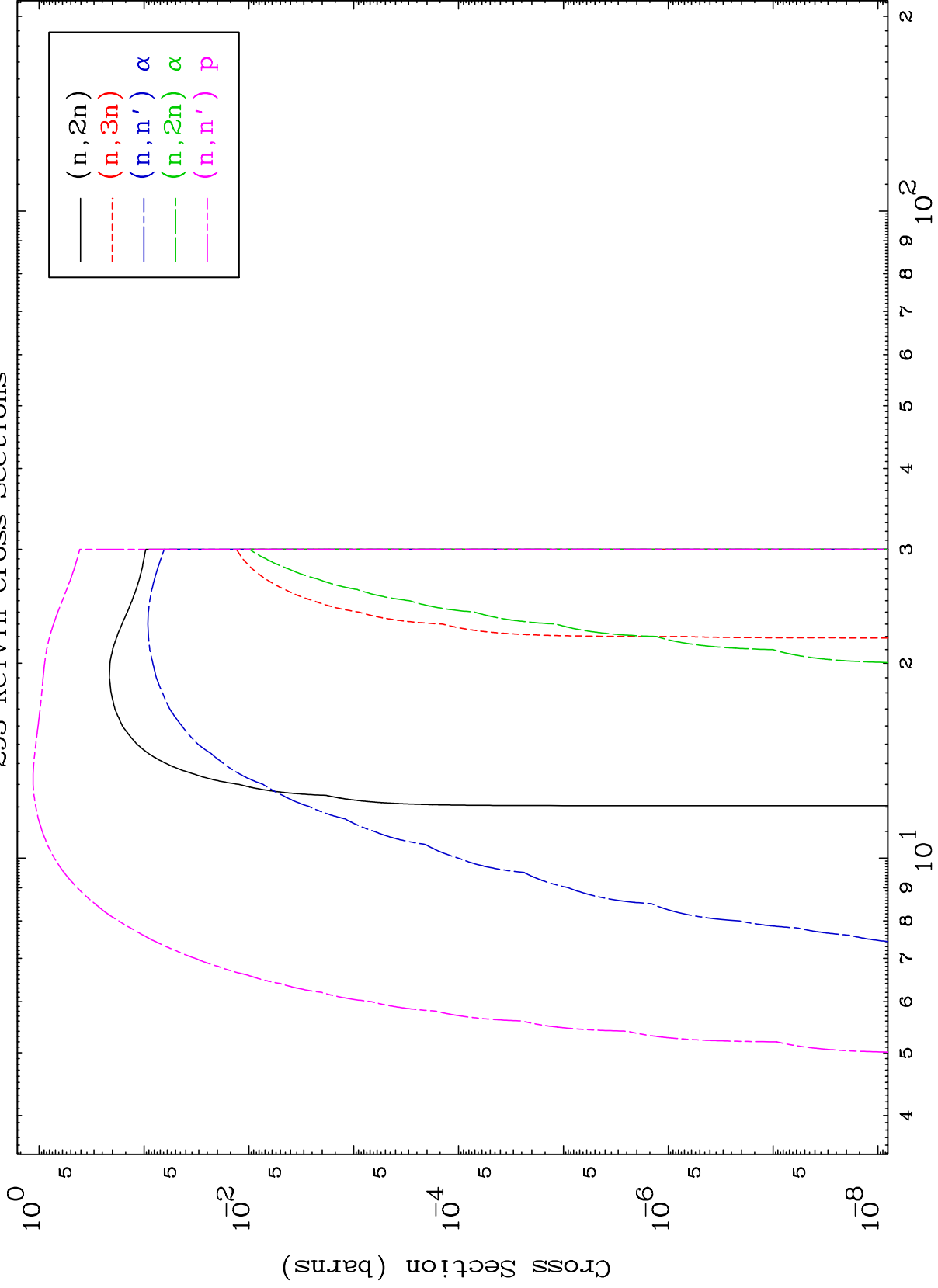
Press Mouse Button to Start

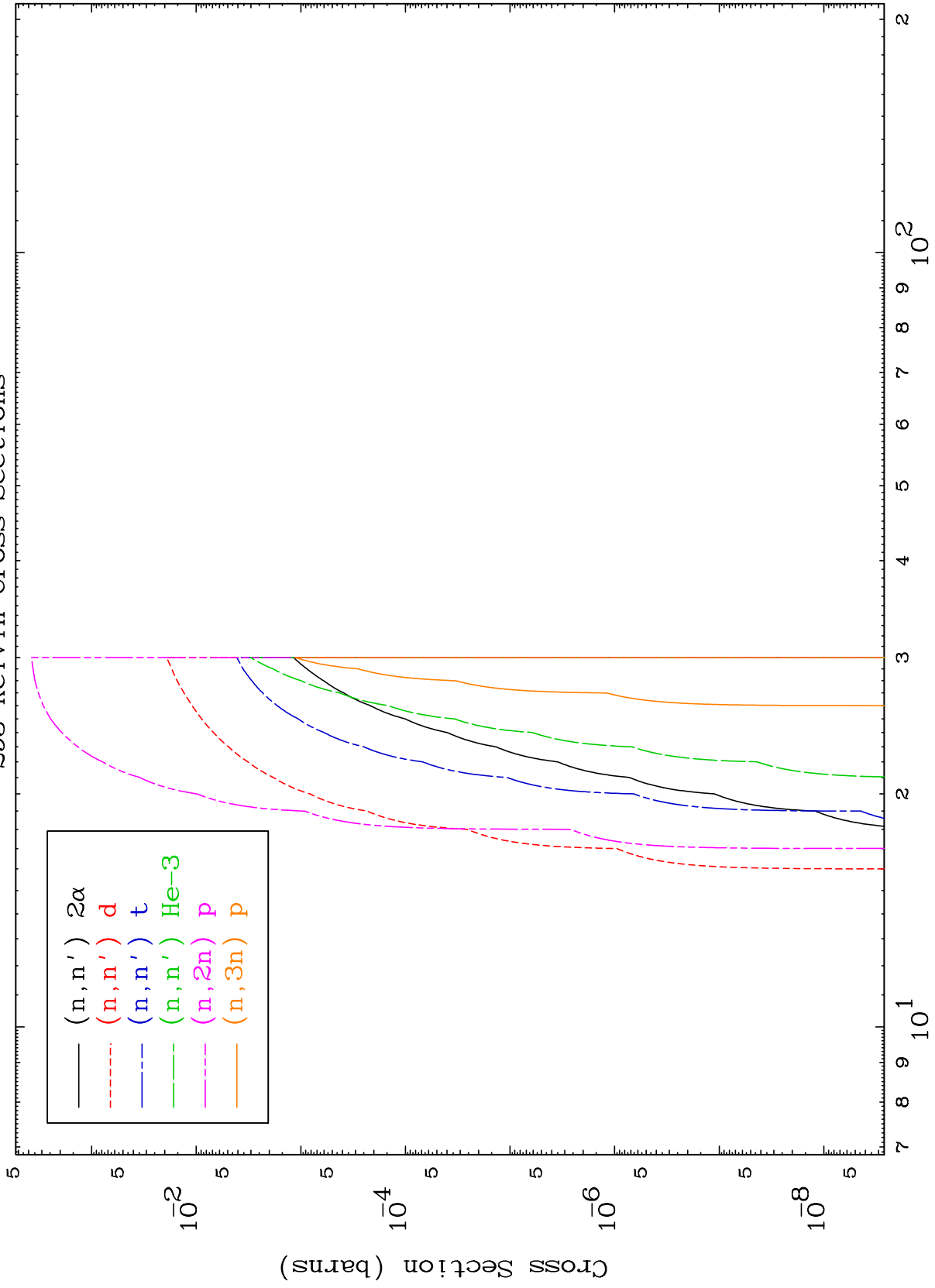
MAT 3513

Major
293 Kelvin Cross Sections

35-Br-75



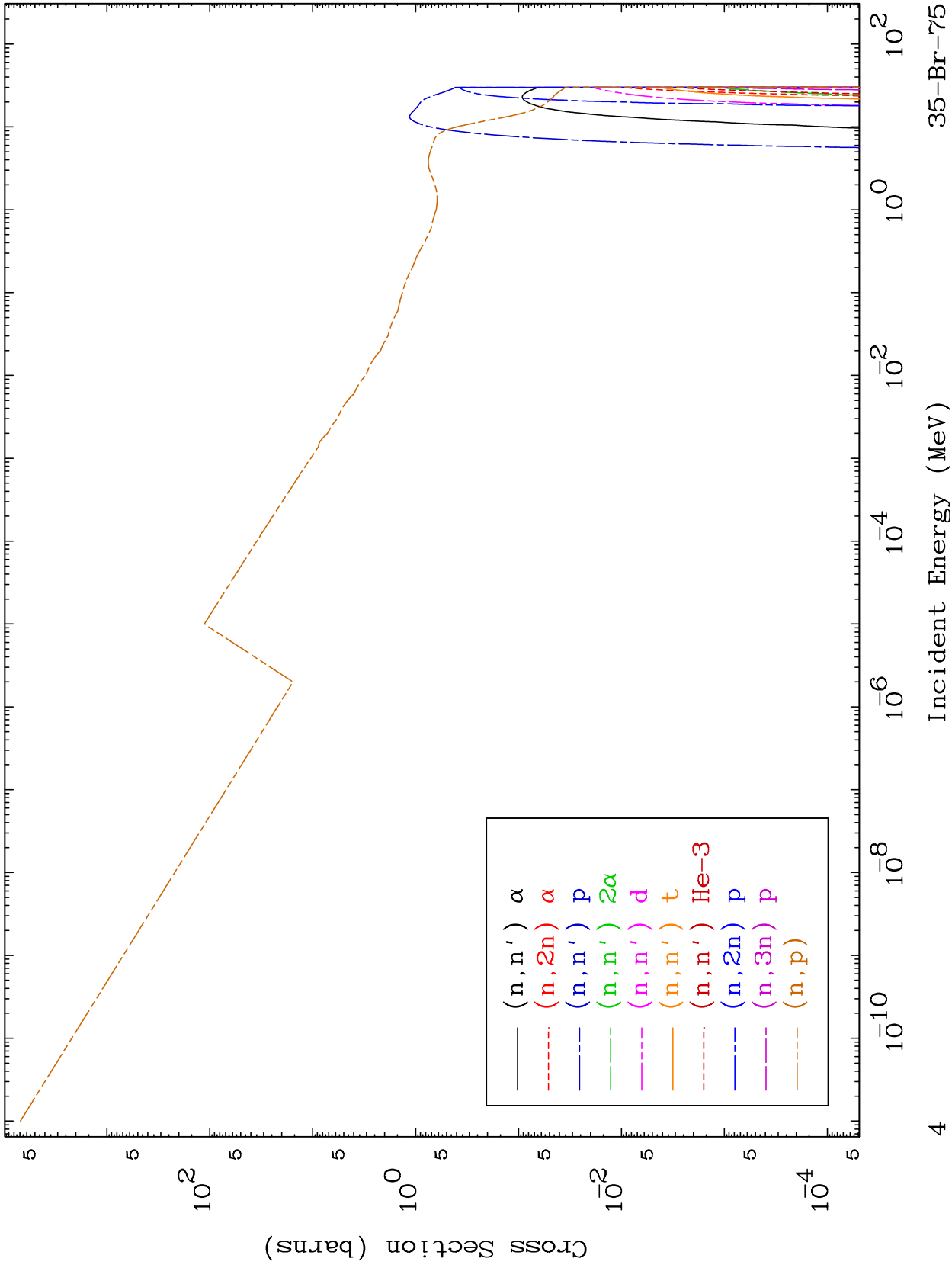




MAT 3513

Charged Particle
293 Kelvin Cross Sections

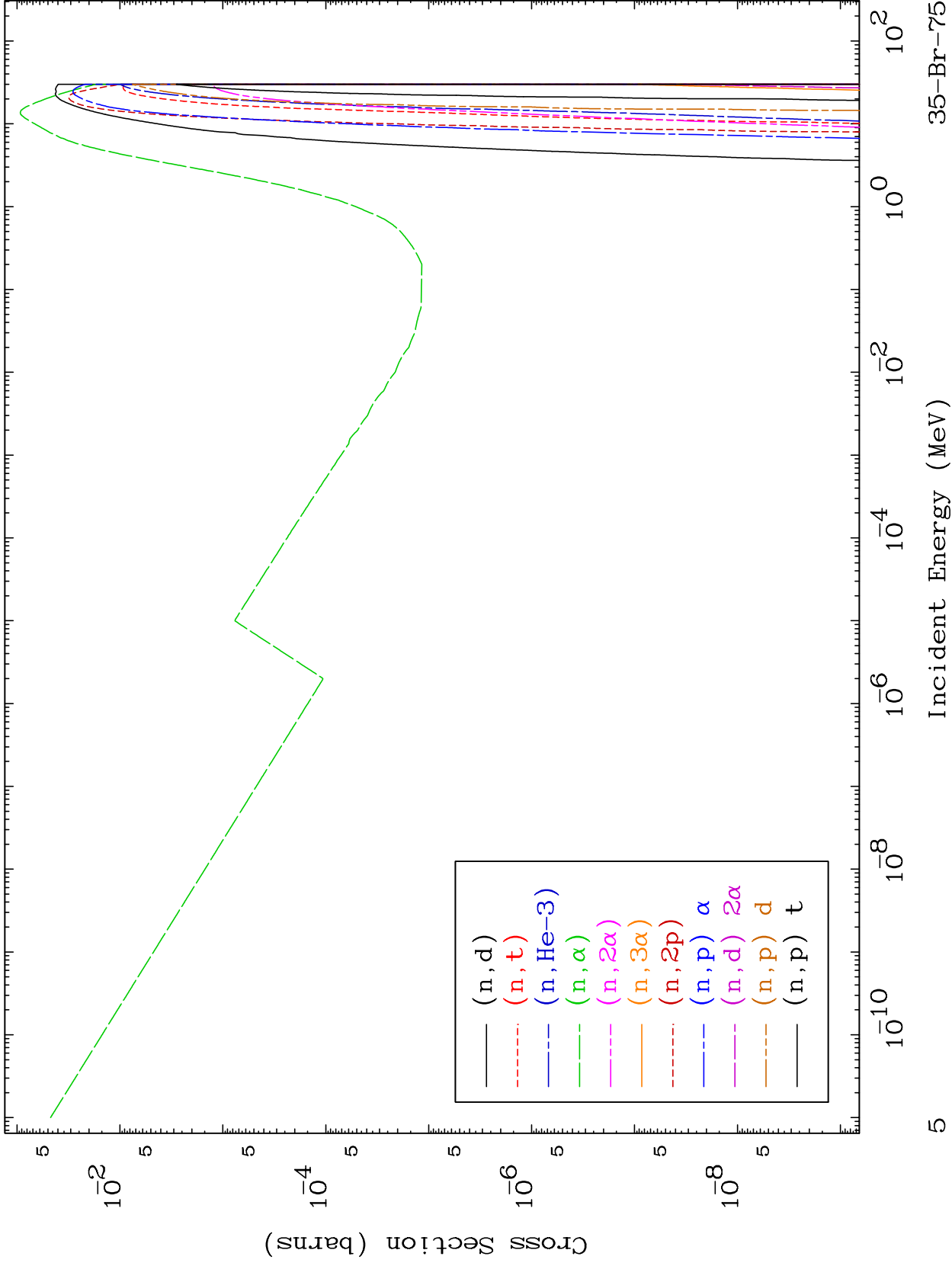
35-Br-75



MAT 3513

Charged Particle
293 Kelvin Cross Sections

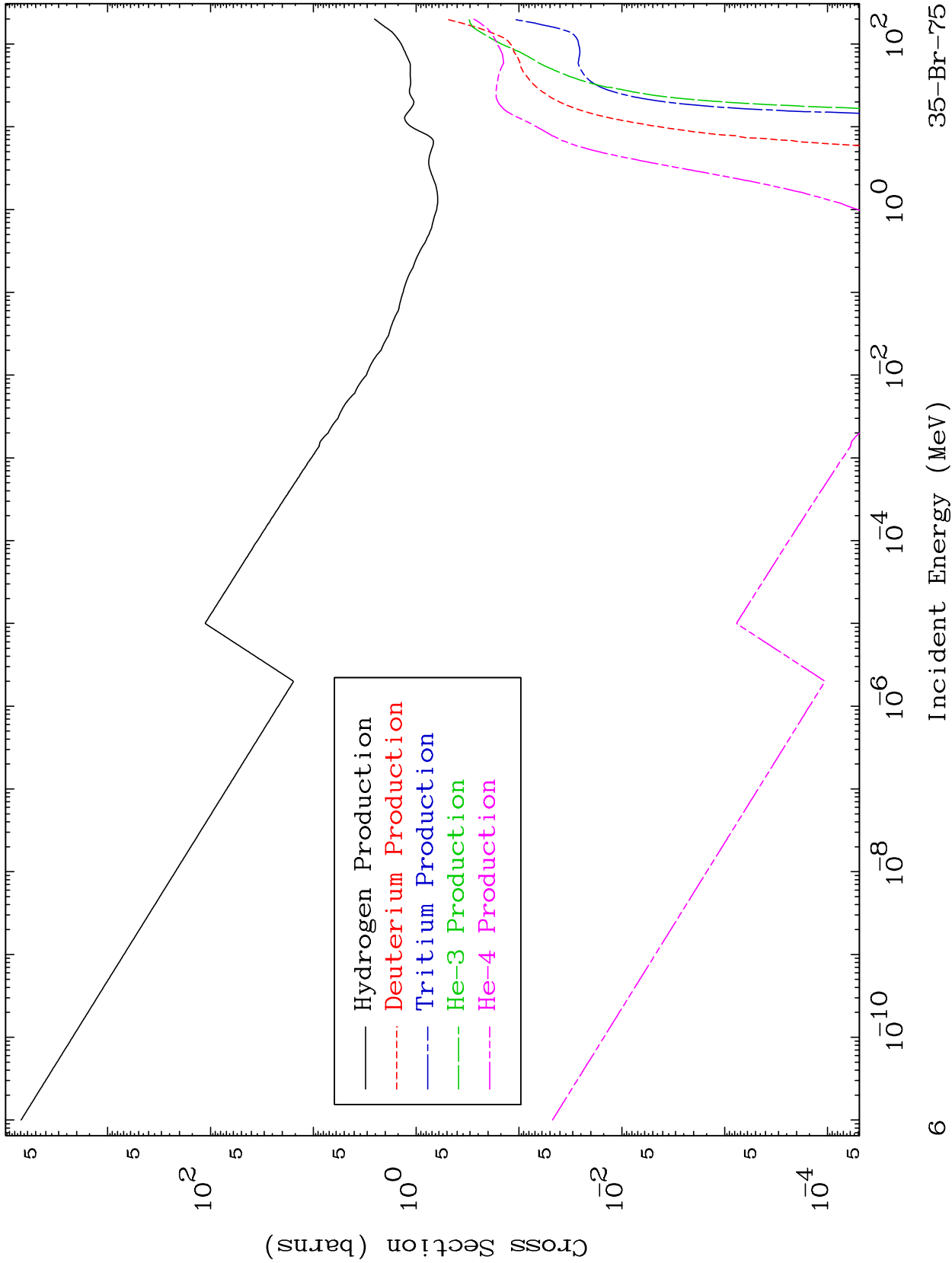
35-Br-75



MAT 3513

Particle Production
293 Kelvin Cross Sections

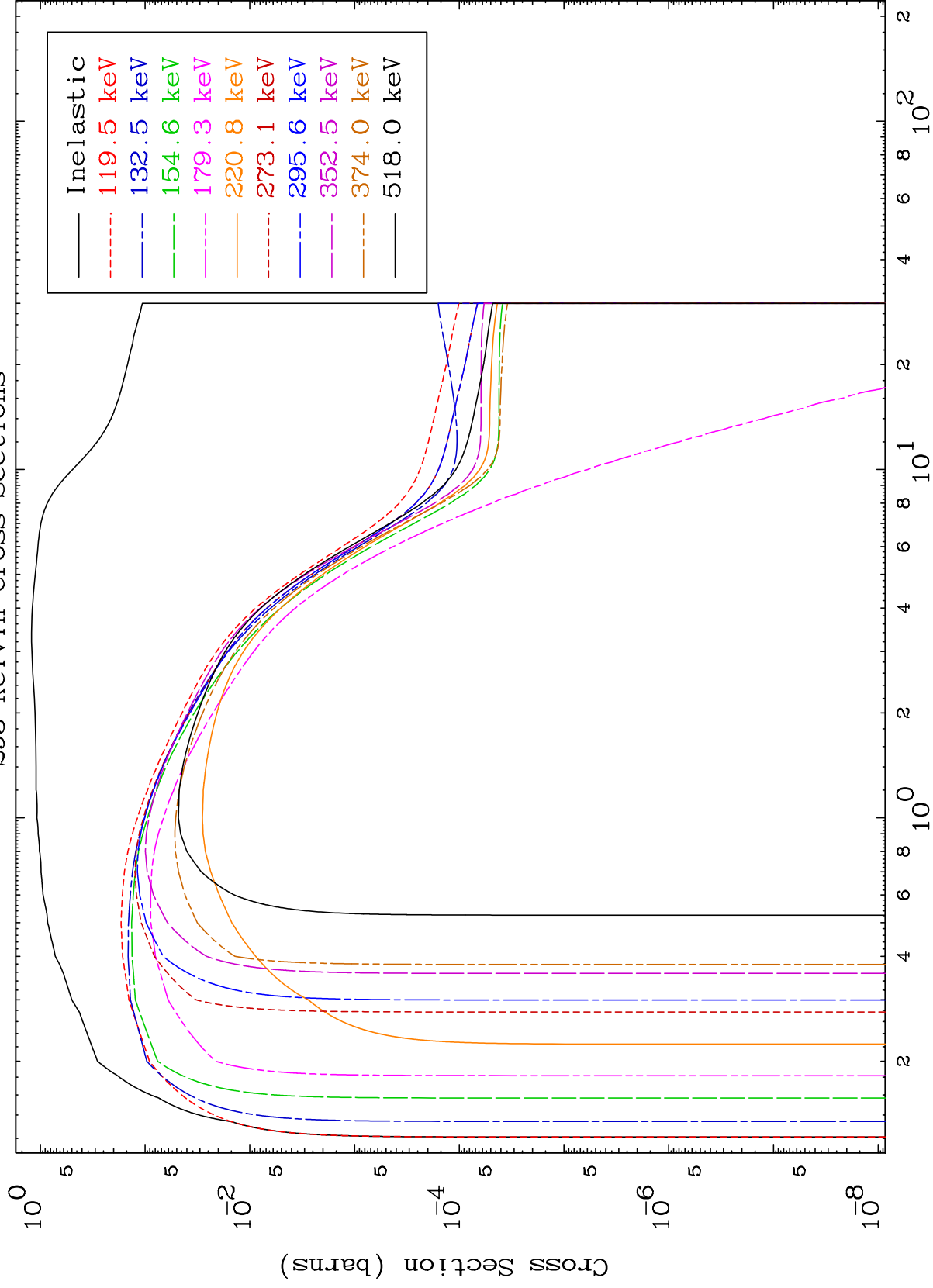
35-Br-75



MAT 3513

(n,n') Level
293 Kelvin Cross Sections

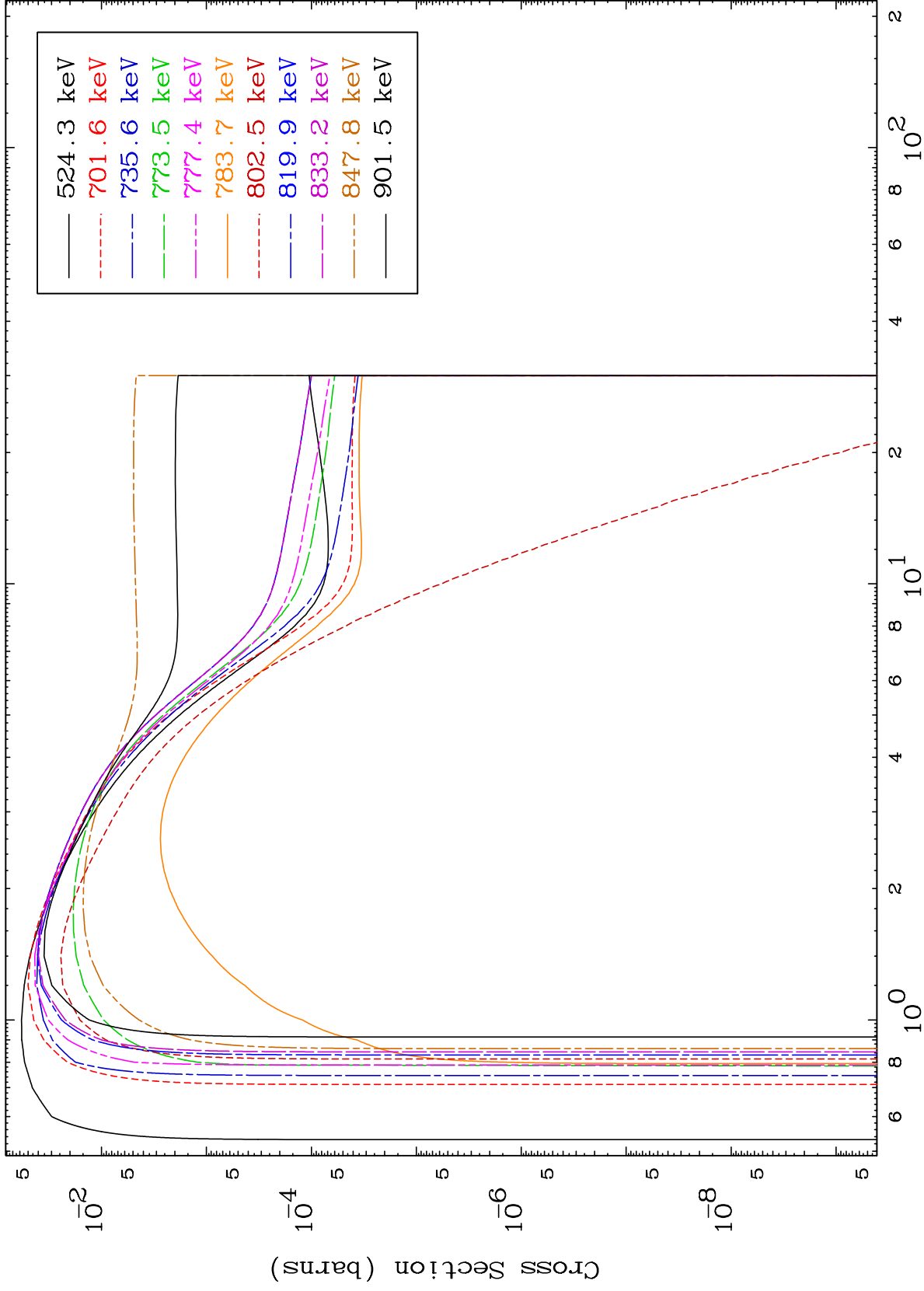
35-Br-75



MAT 3513

(n,n') Level
293 Kelvin Cross Sections

35-Br-75



8

Incident Energy (MeV)

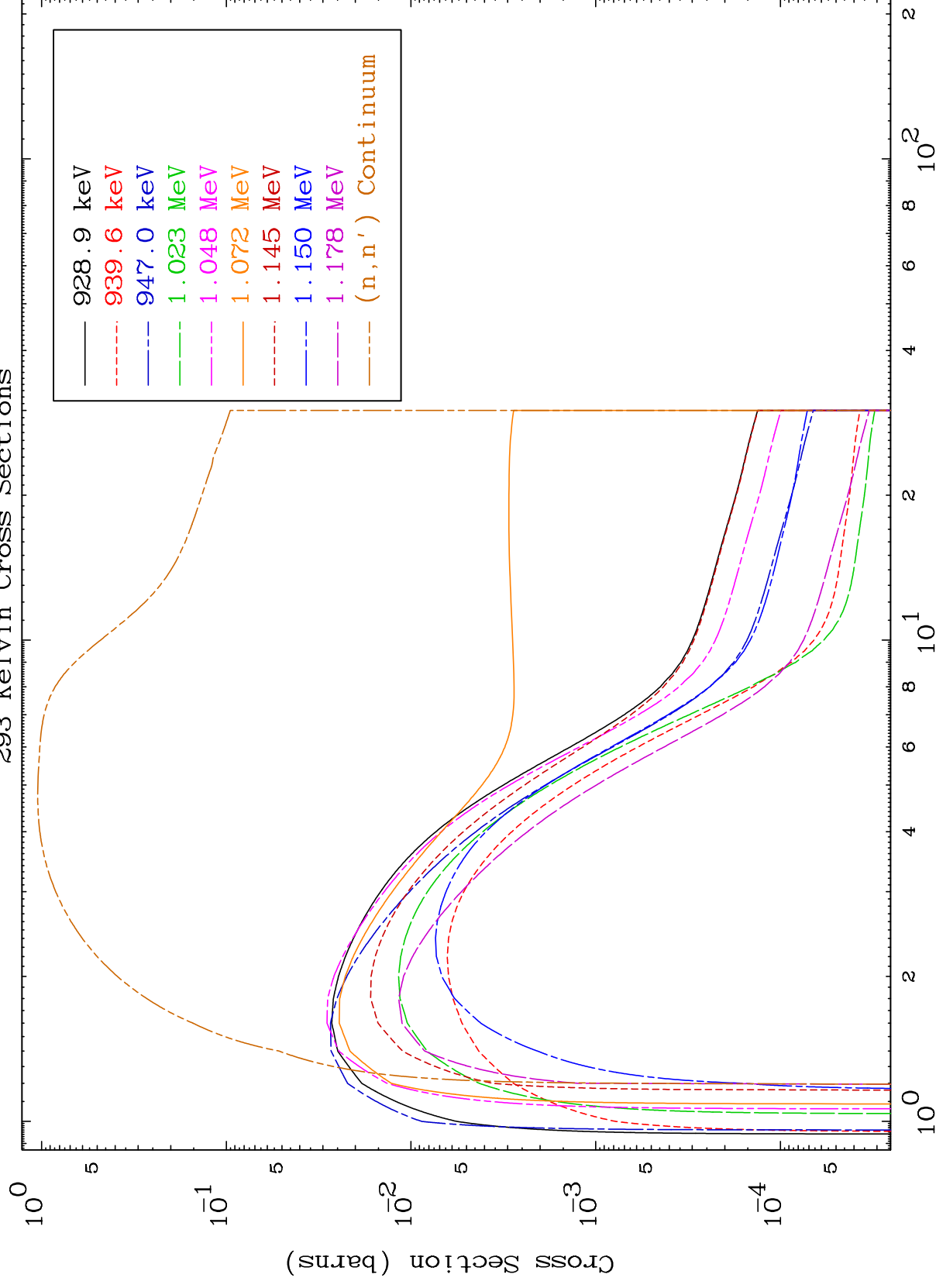
35-Br-75

MAT 3513

(n,n') Level

35-Br-75

293 Kelvin Cross Sections



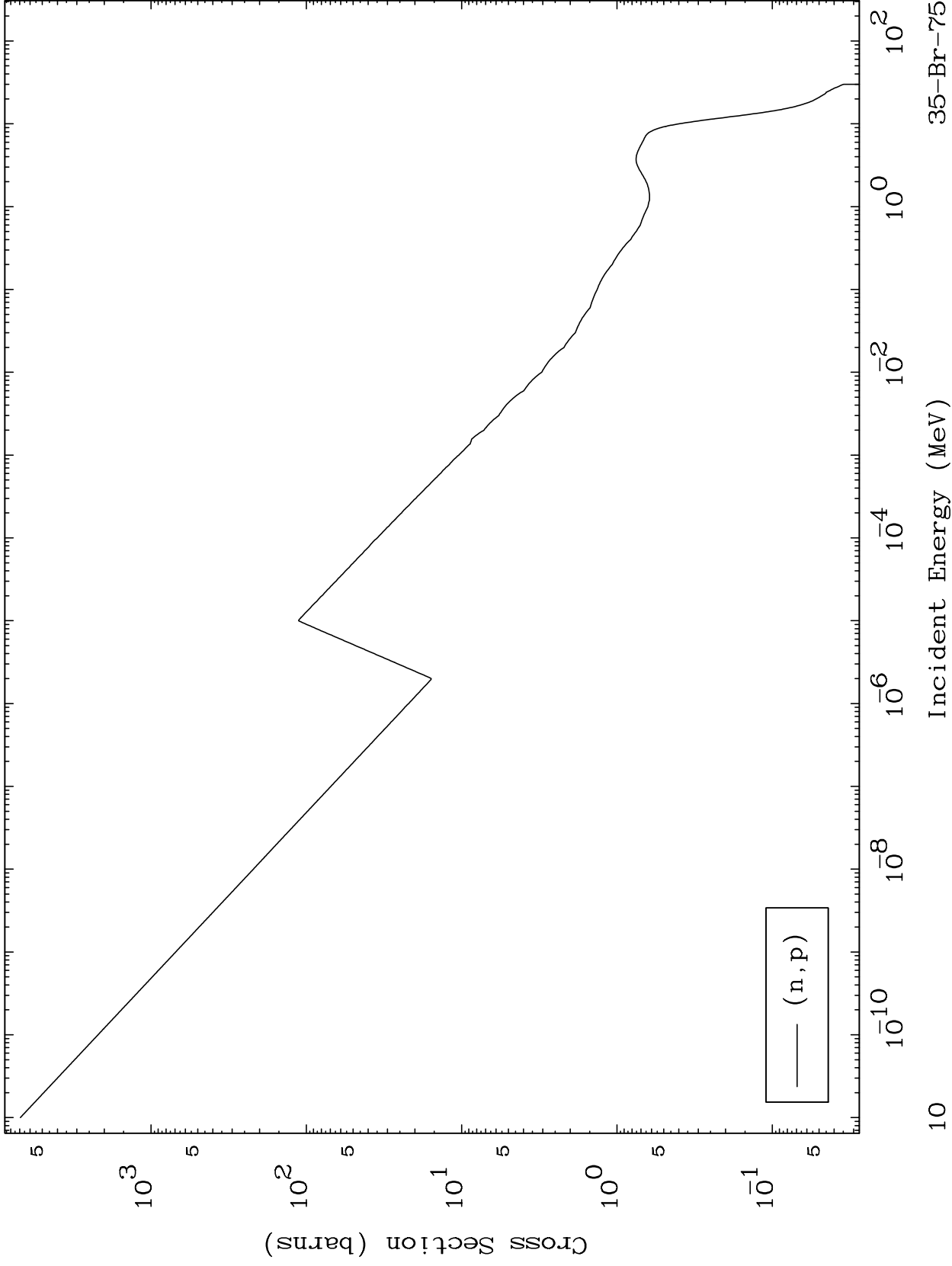
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,p) Levels
293 Kelvin Cross Sections

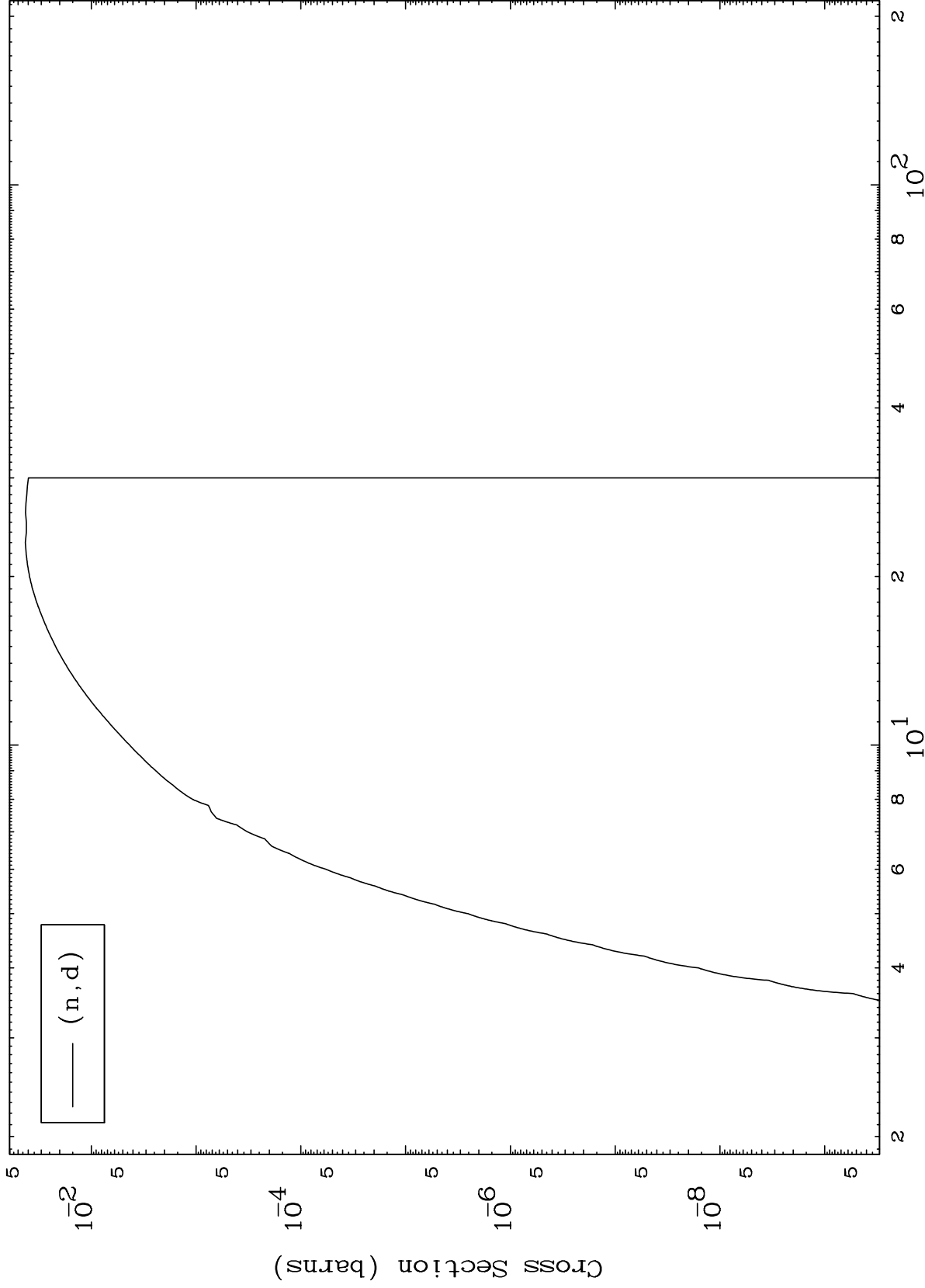
35-Br-75



MAT 3513

(n,d) Levels
293 Kelvin Cross Sections

35-Br-75



11

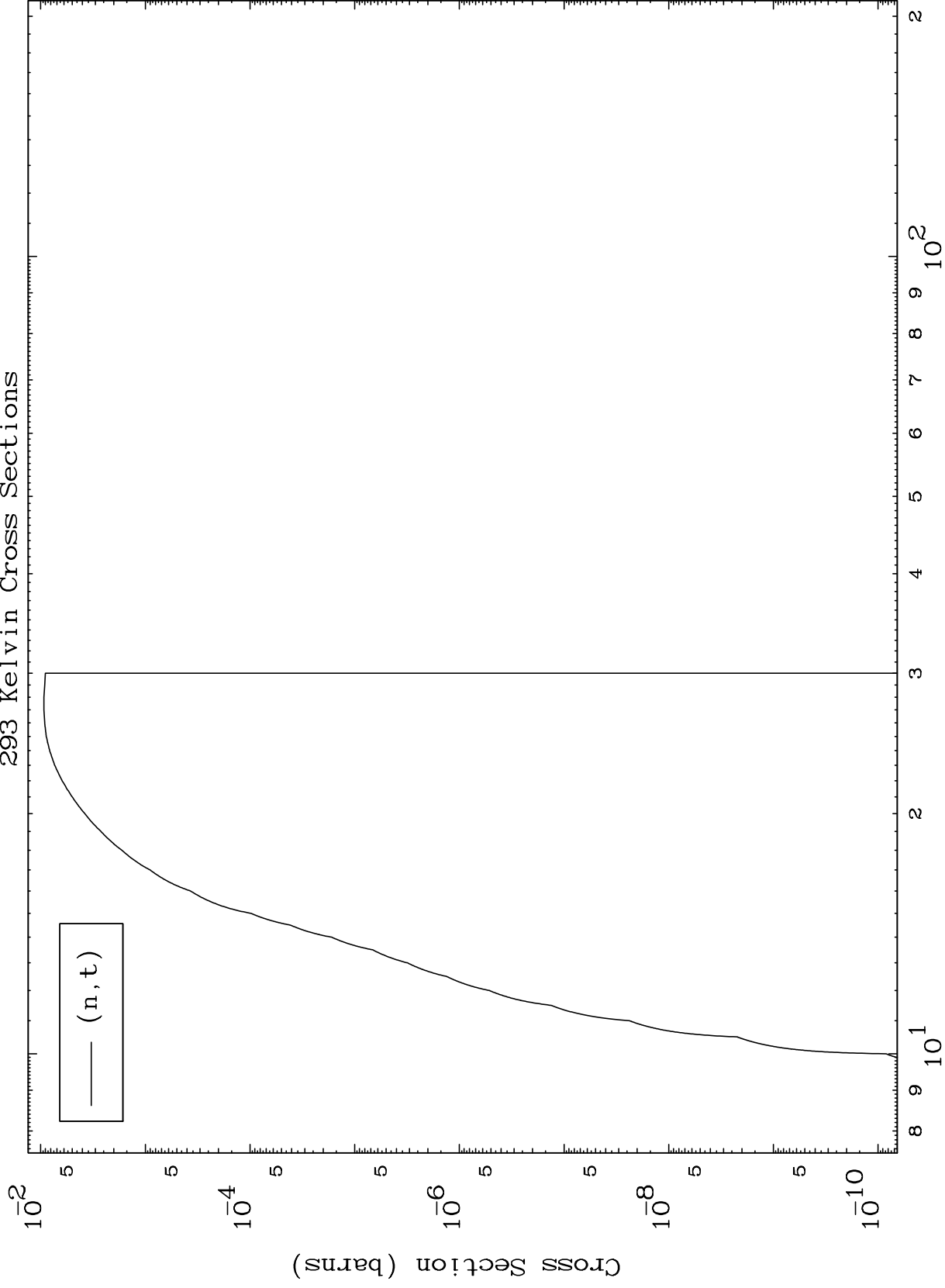
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,t) Levels
293 Kelvin Cross Sections

35-Br-75



12

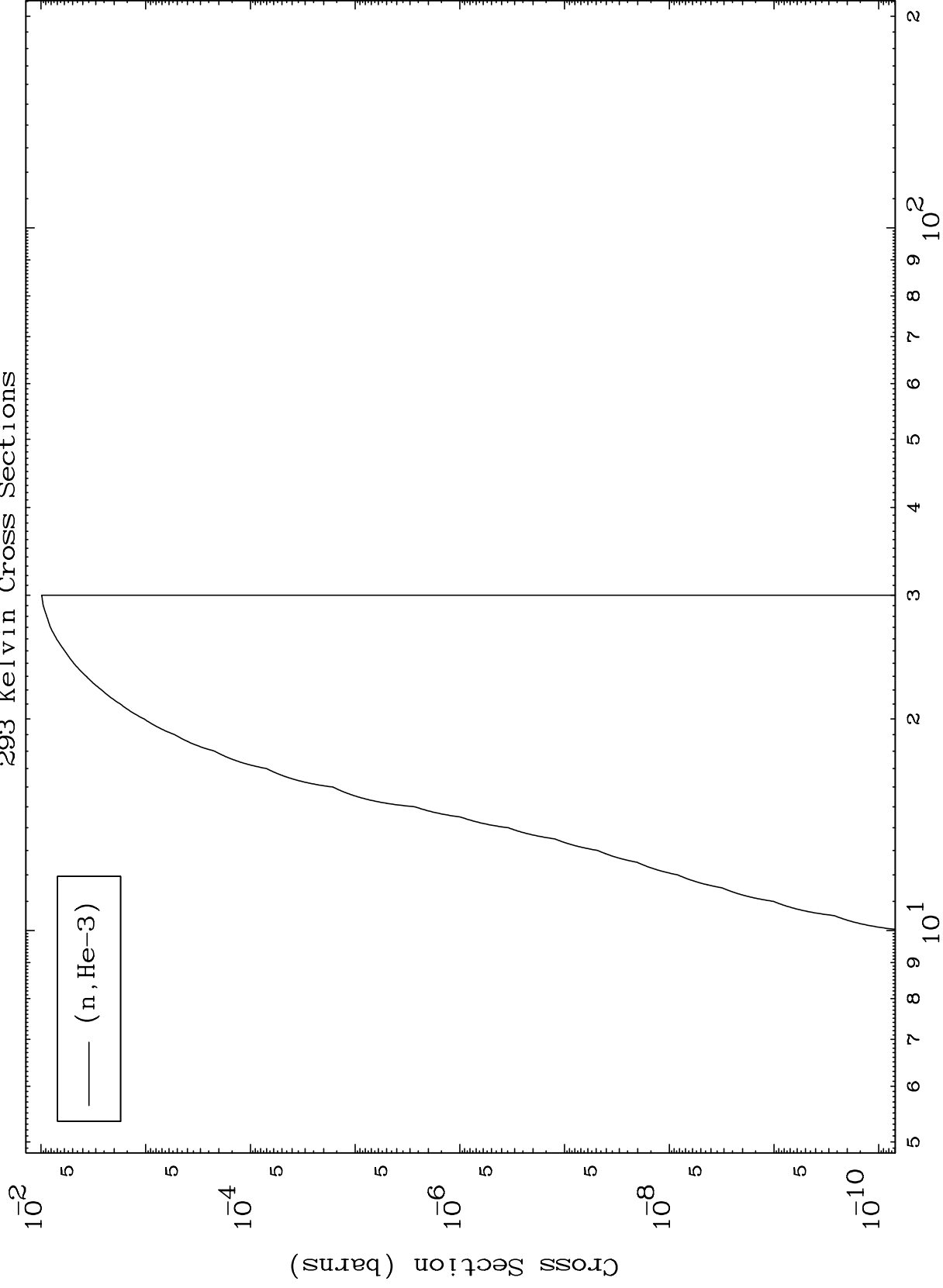
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-75



13

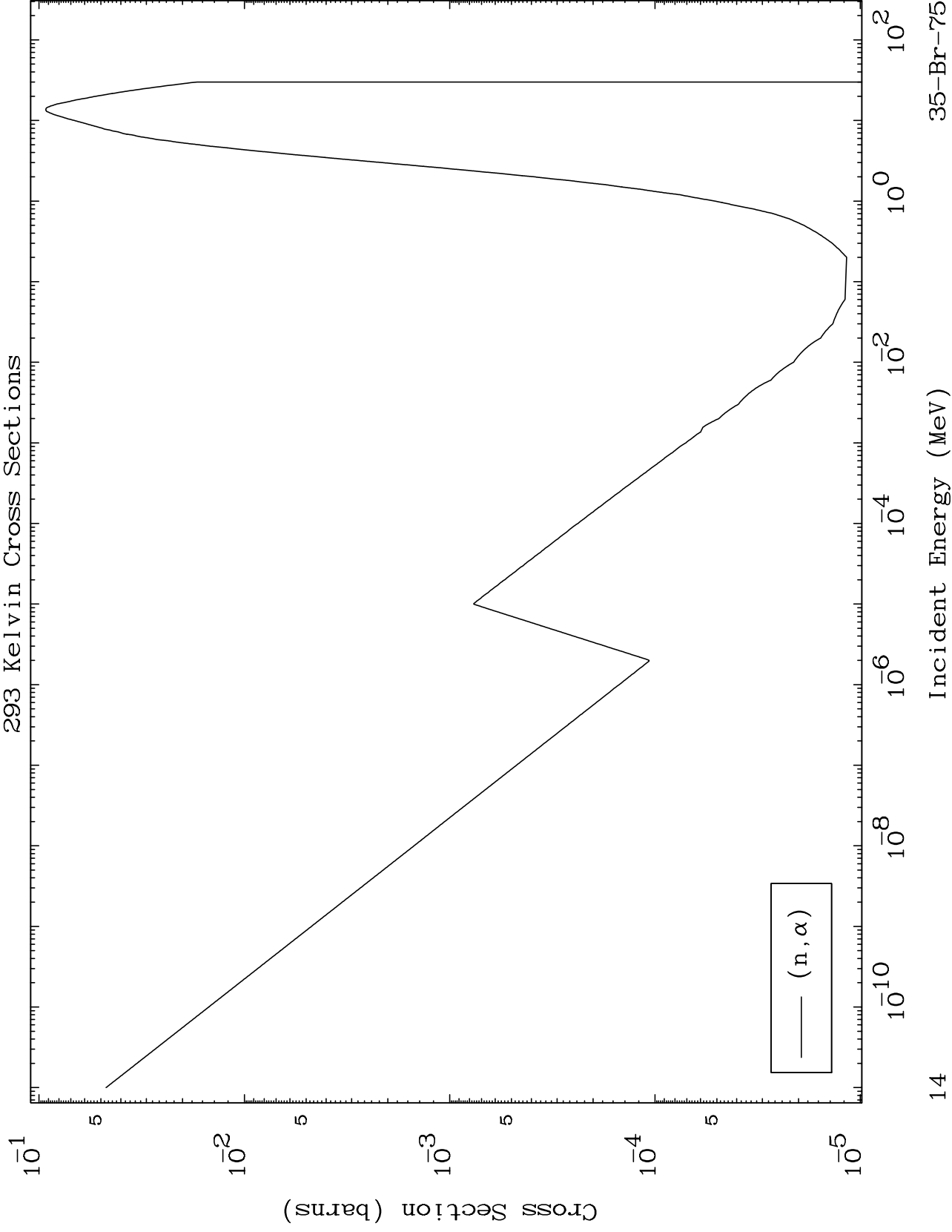
Incident Energy (MeV)

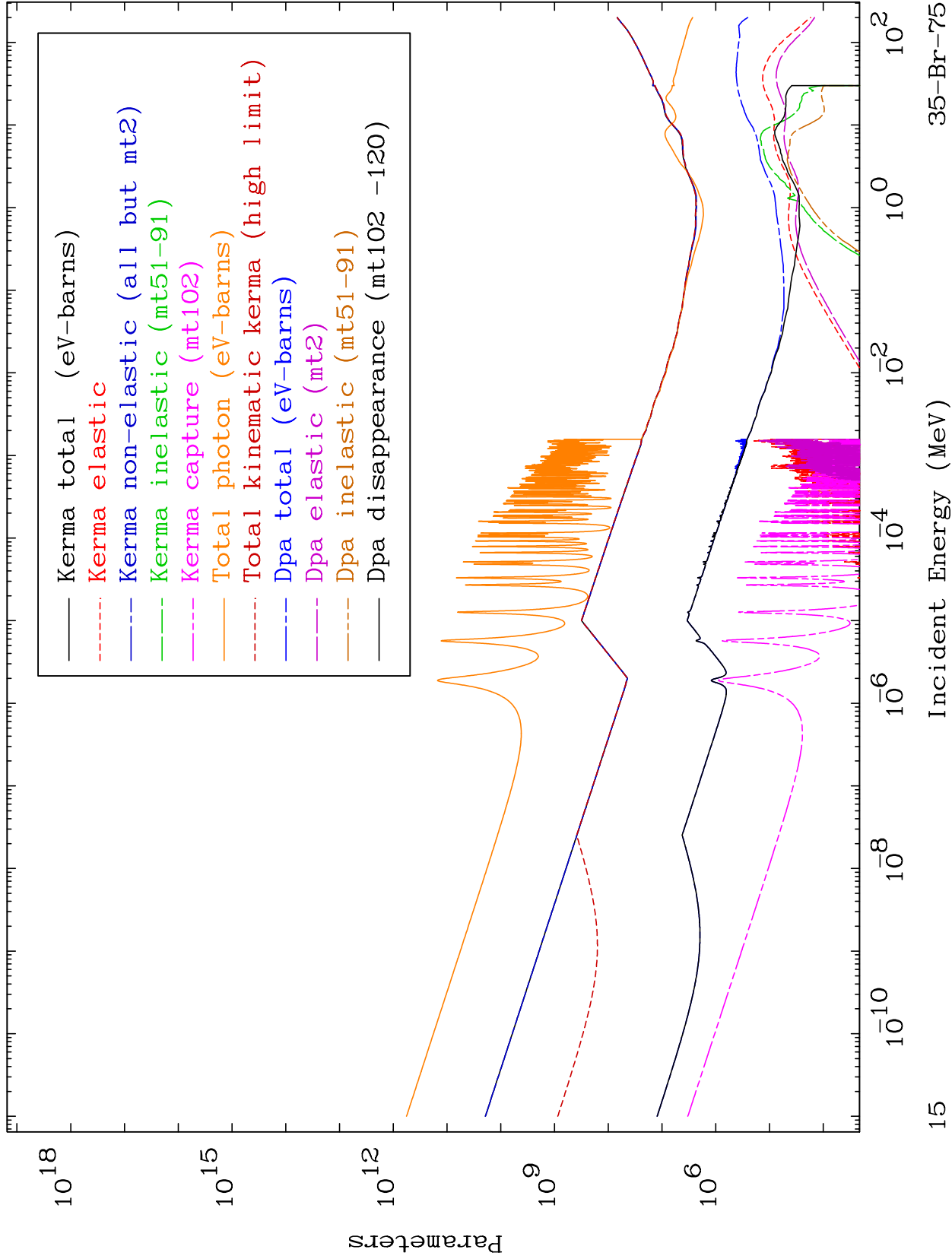
35-Br-75

MAT 3513

(n, α) Levels
293 Kelvin Cross Sections

35-Br-75

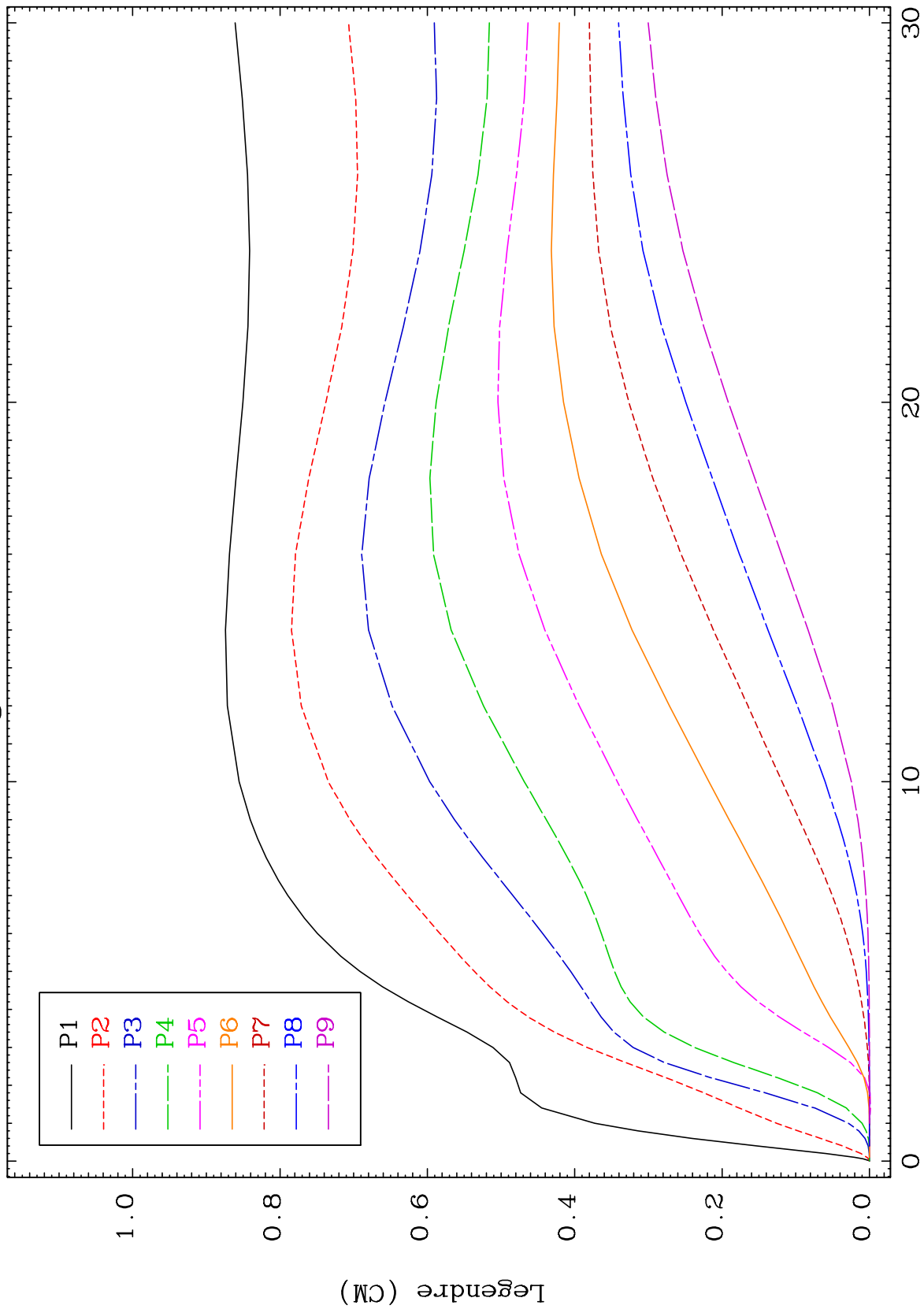




MAT 3513

Elastic Legendre Coefficients

³⁵Br-75



16

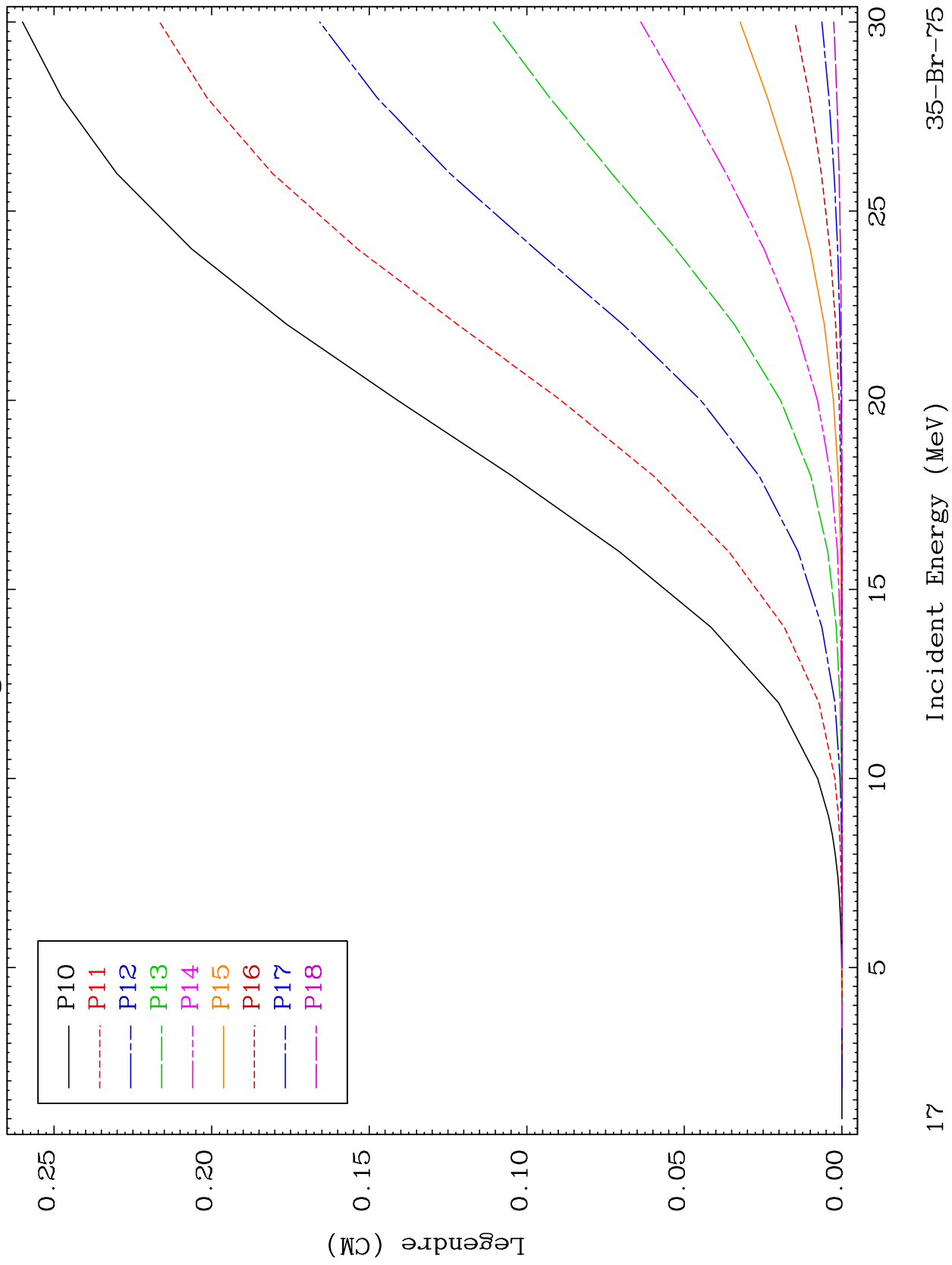
Incident Energy (MeV)

³⁵Br-75

MAT 3513

Elastic Legendre Coefficients

35-Br-75

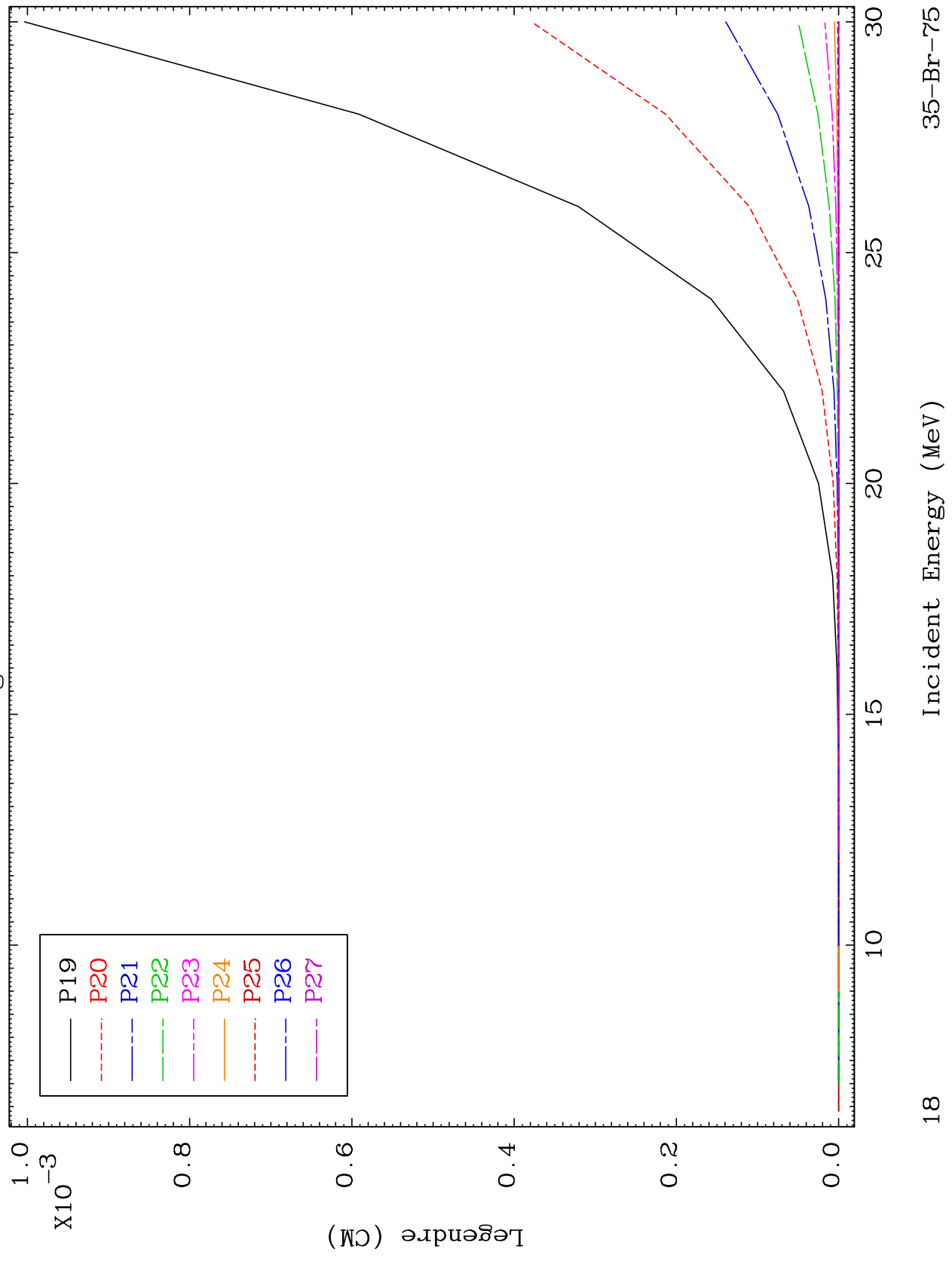


17

MAT 3513

Elastic Legendre Coefficients

35-Br-75



18

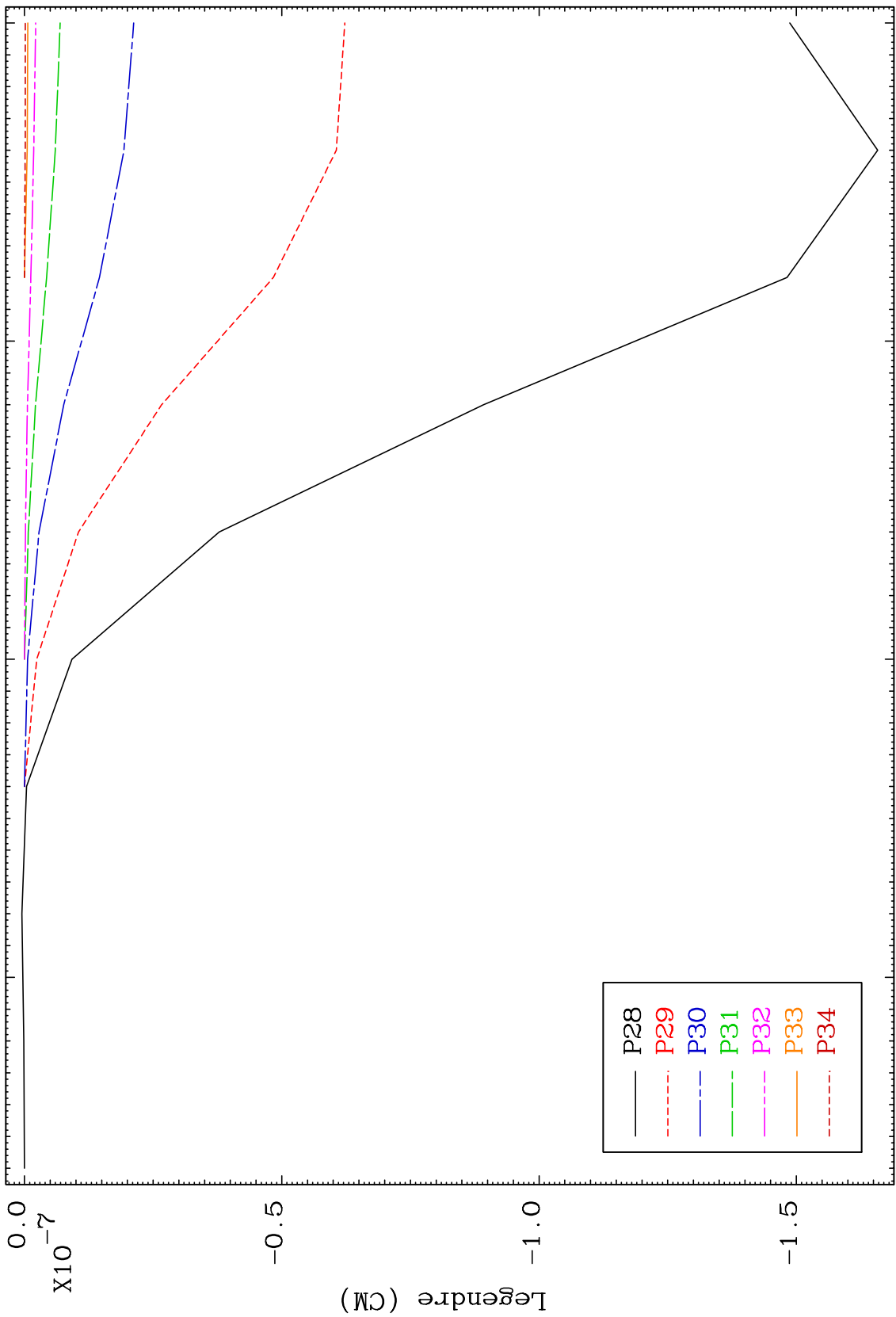
Incident Energy (MeV)

35-Br-75

MAT 3513

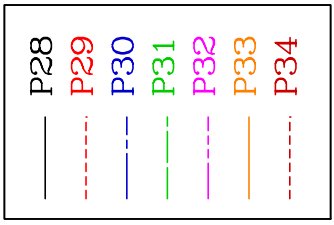
35-Br-75

Elastic Legendre Coefficients



$\times 10^{-7}$

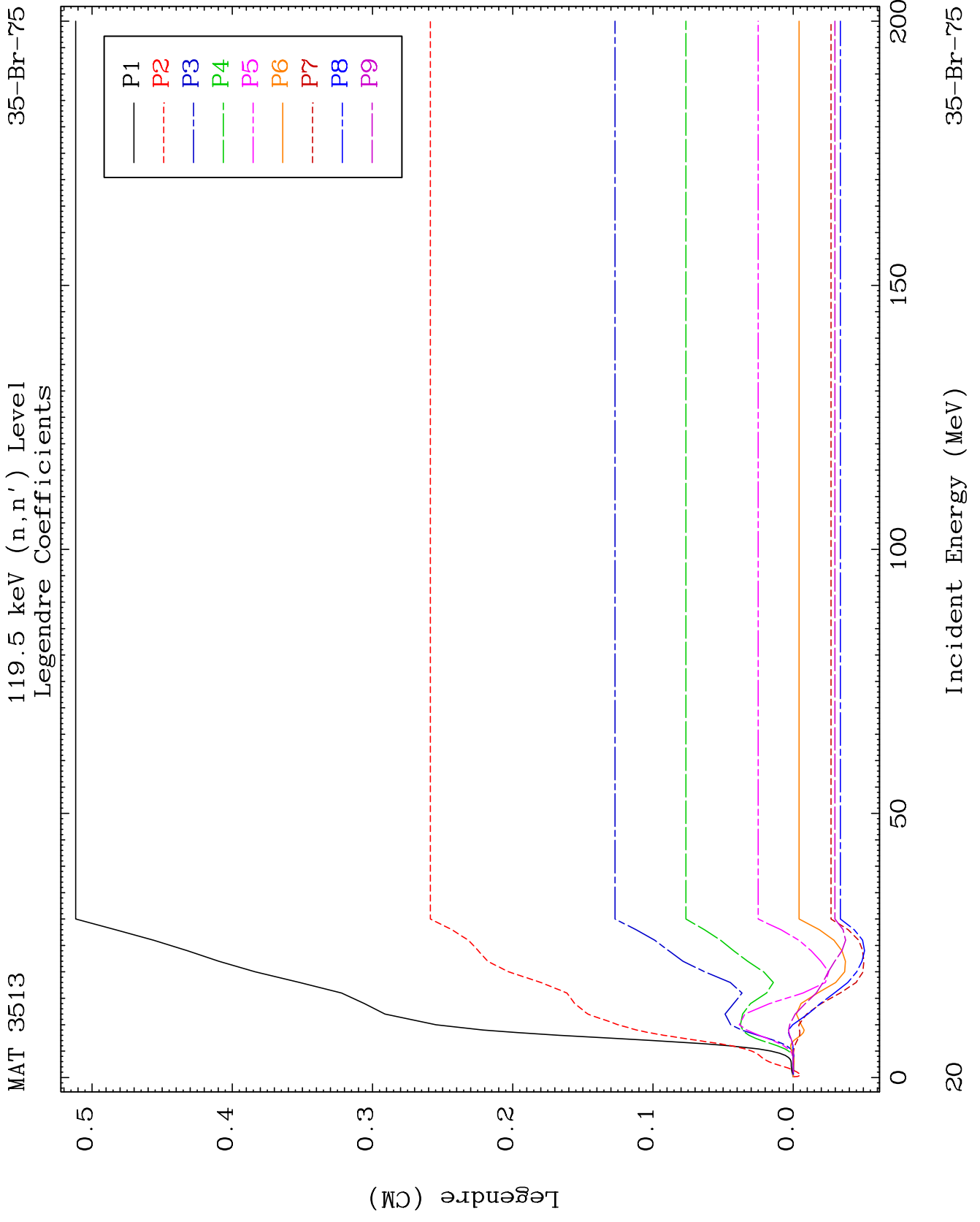
Legendre (CM)

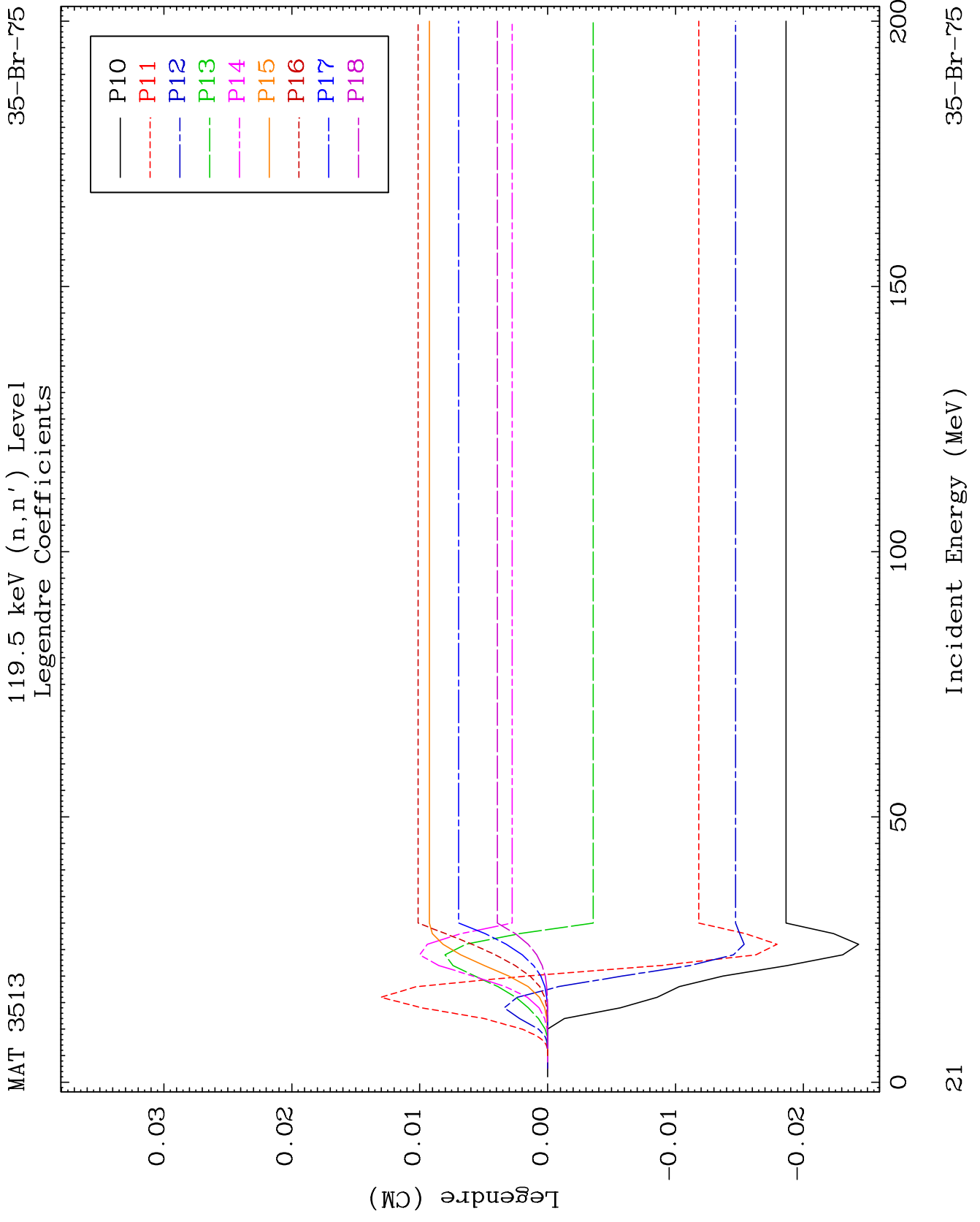


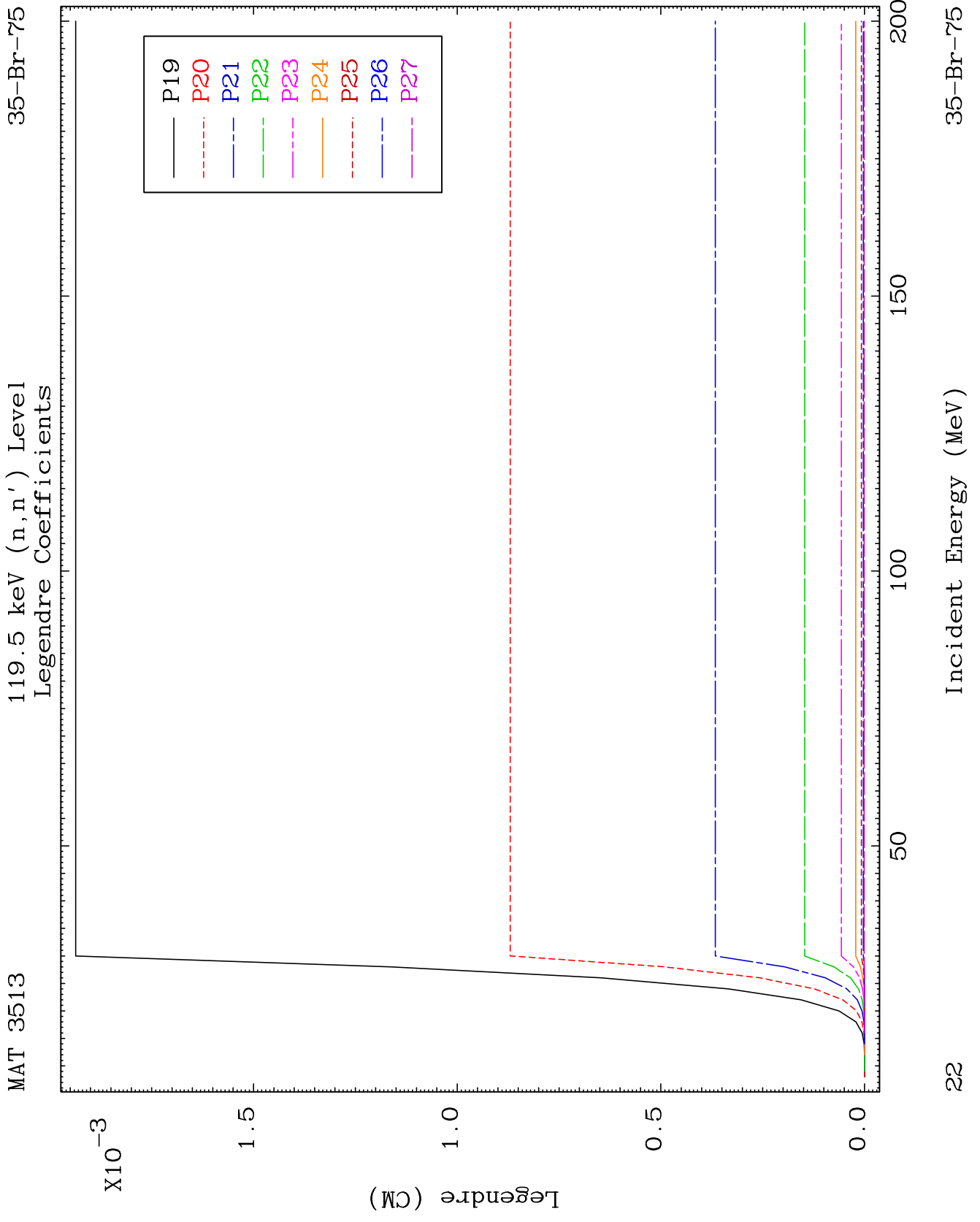
19

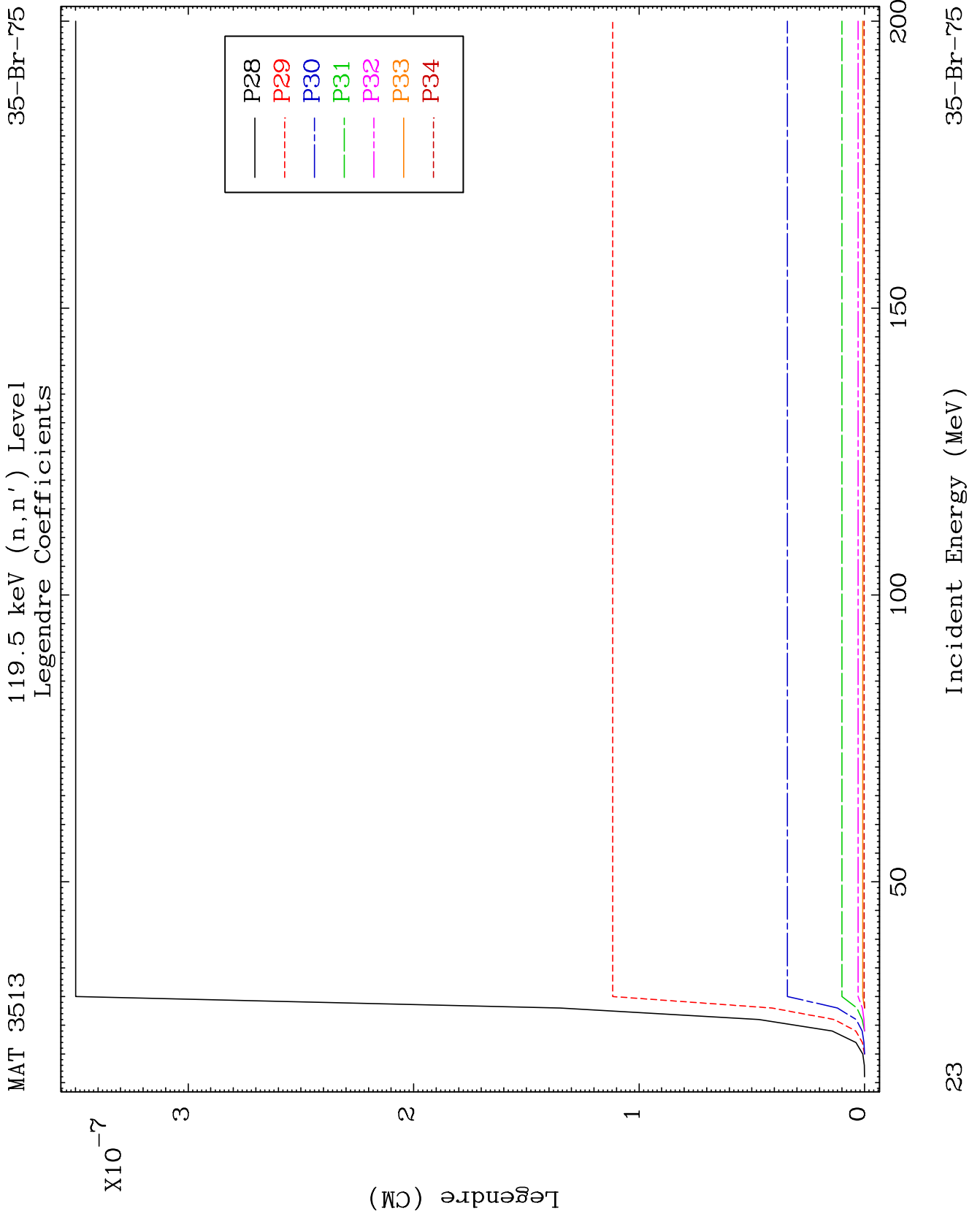
Incident Energy (MeV)

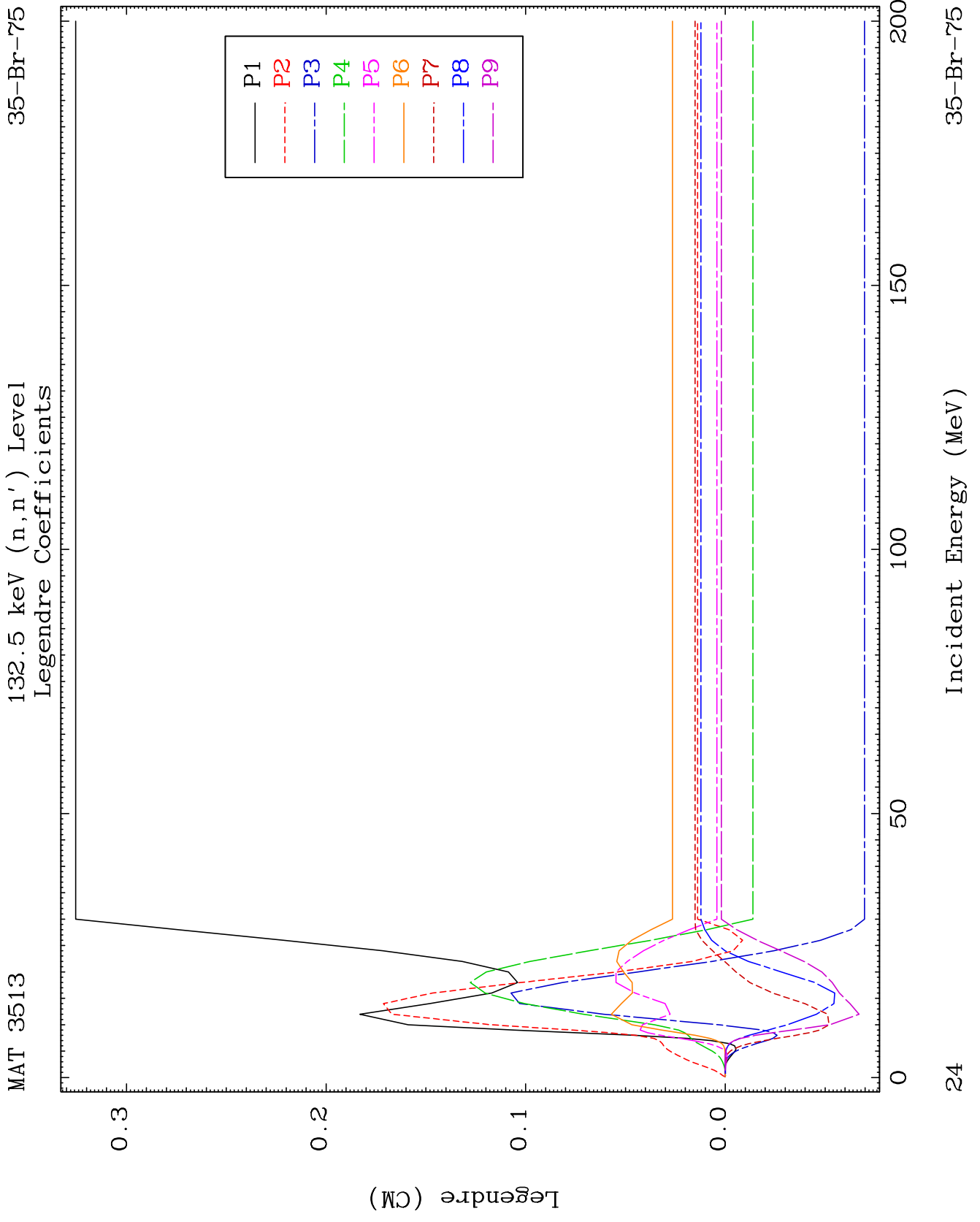
35-Br-75







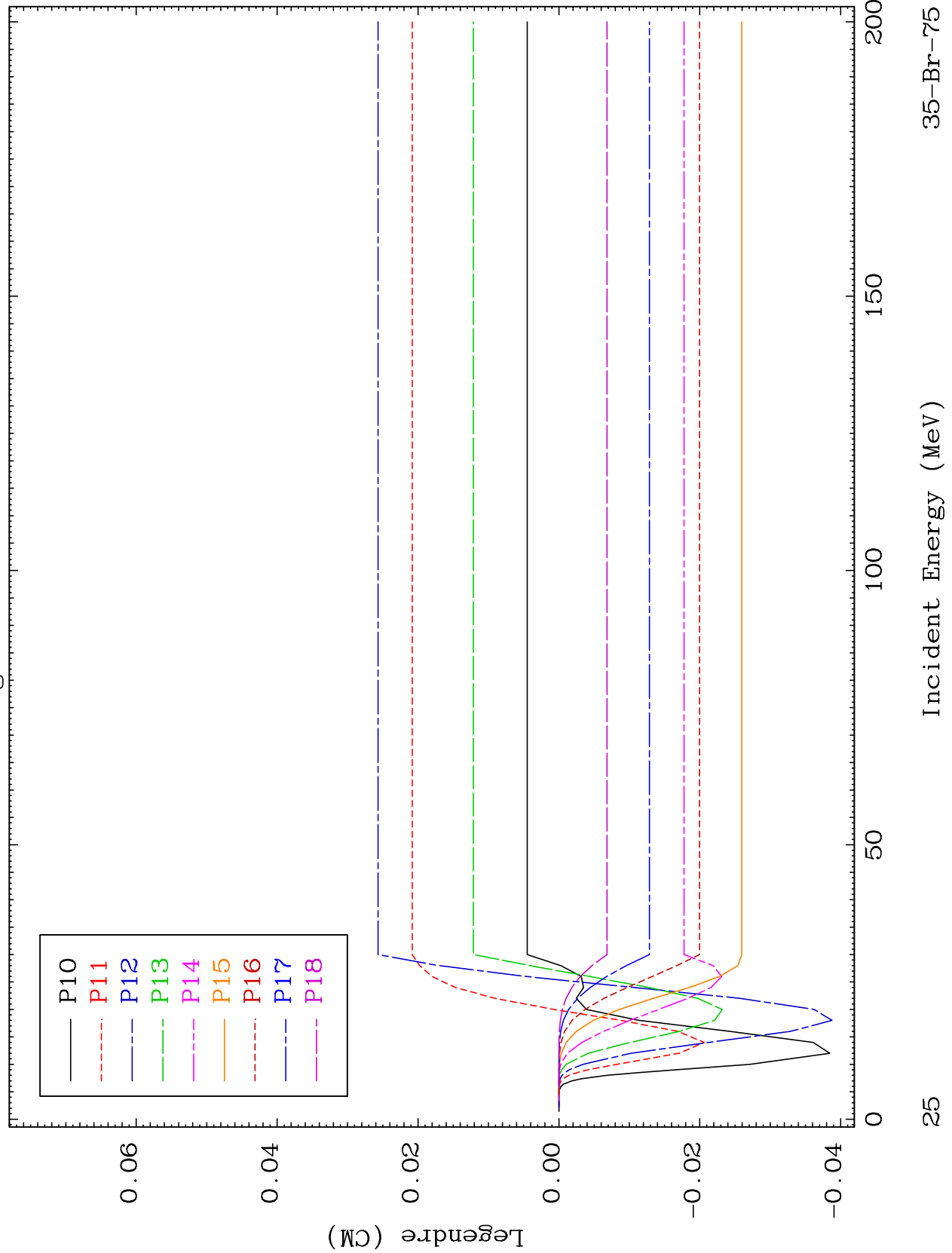




MAT 3513

132.5 keV (n,n') Level
Legendre Coefficients

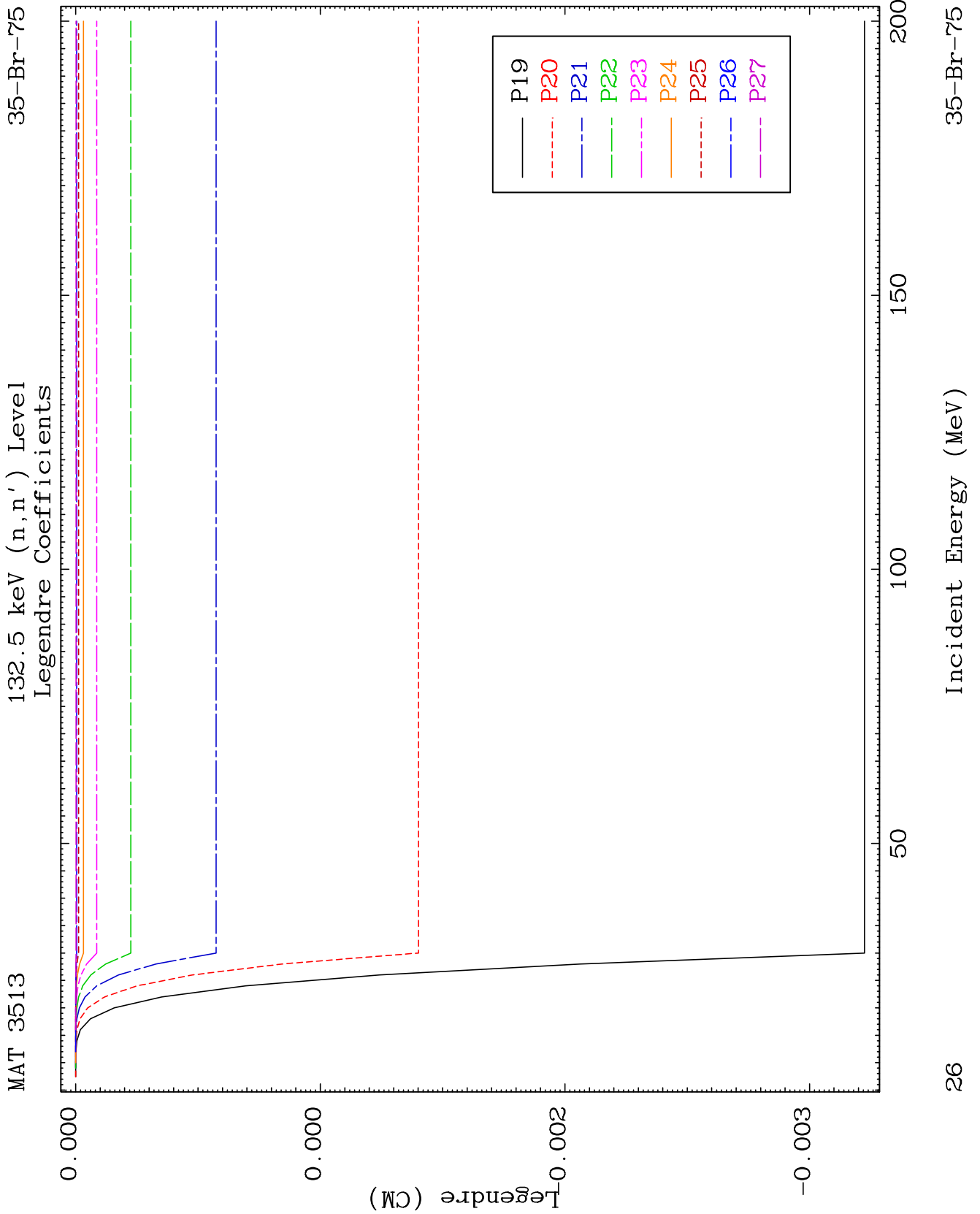
35-Br-75

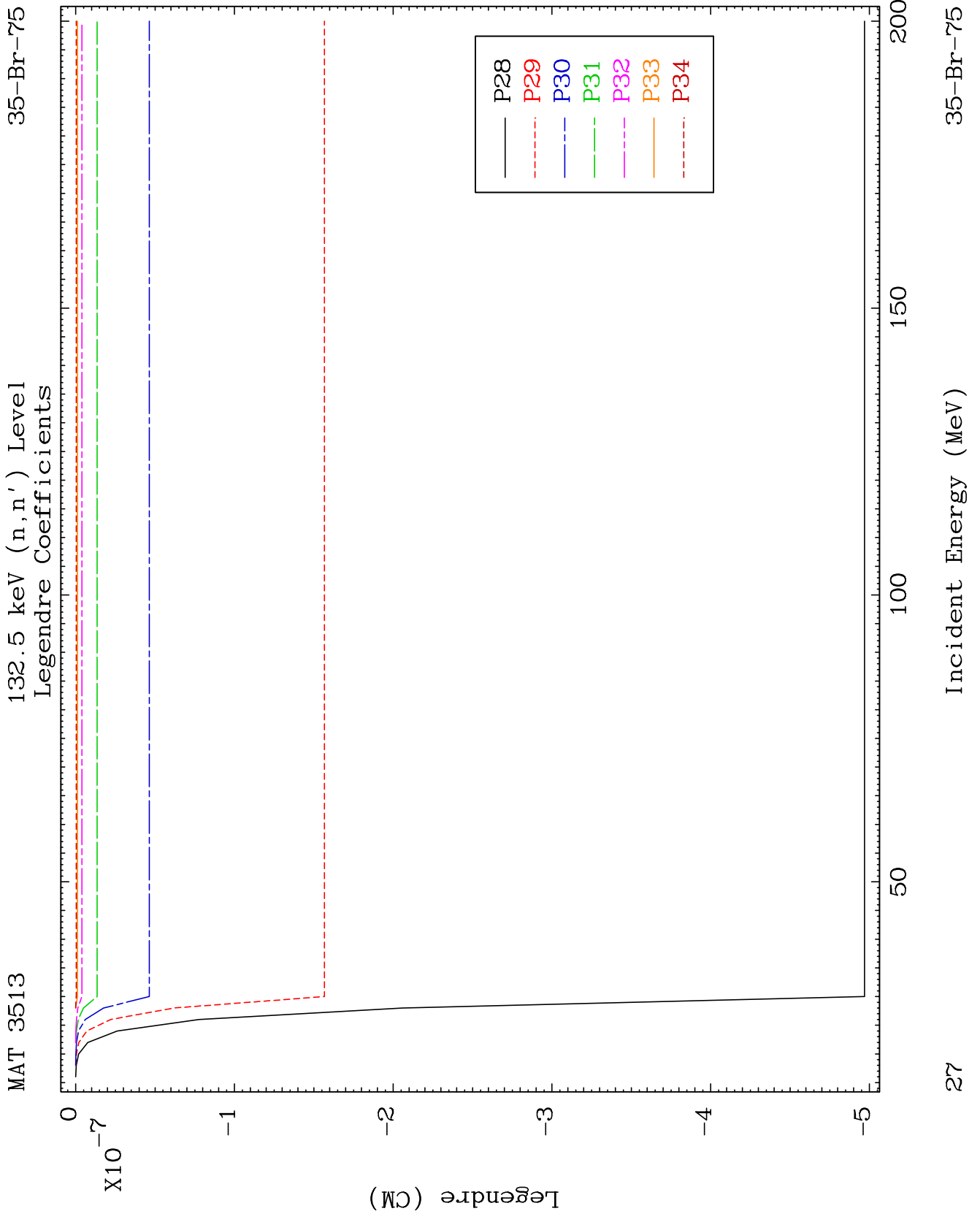


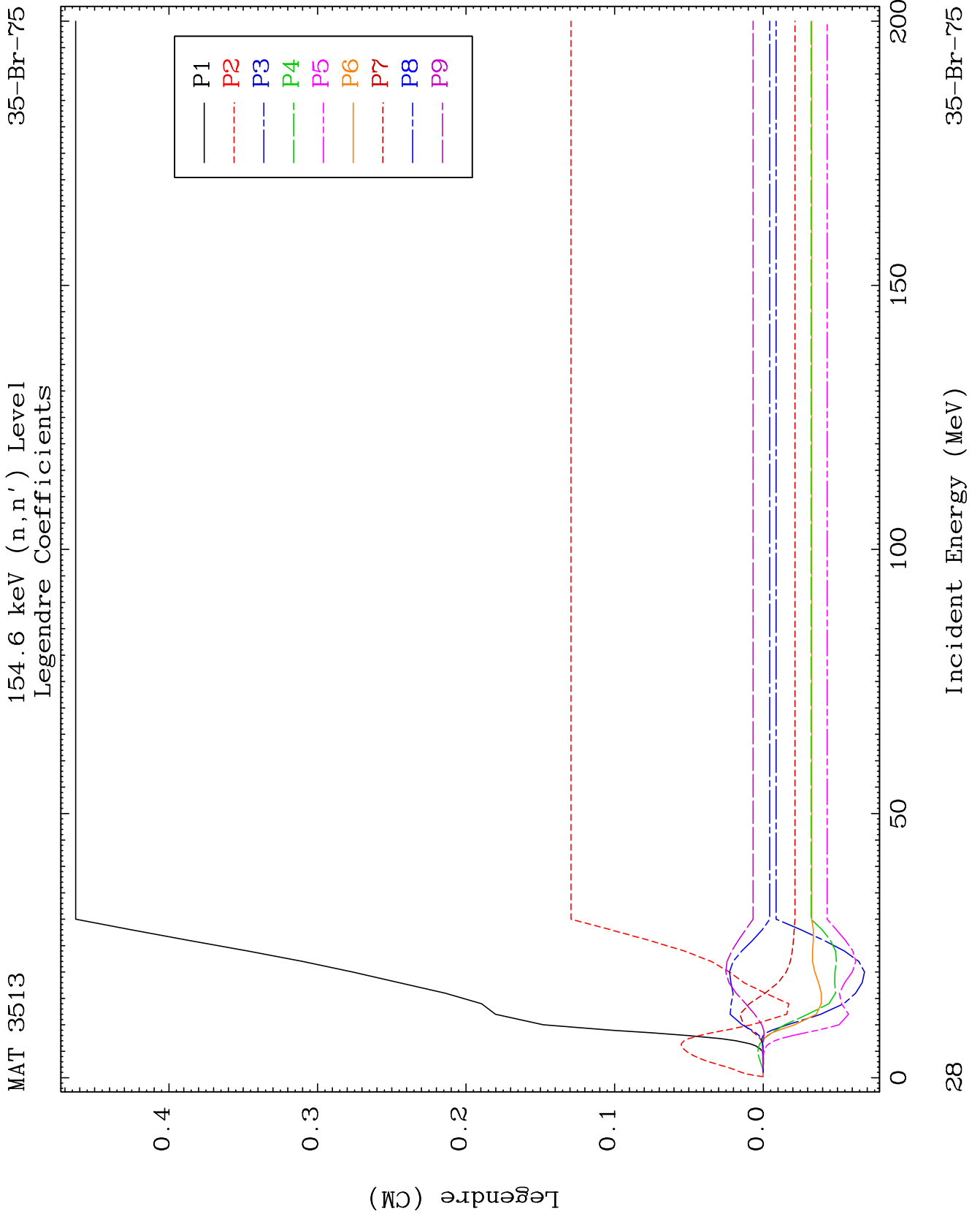
35-Br-75

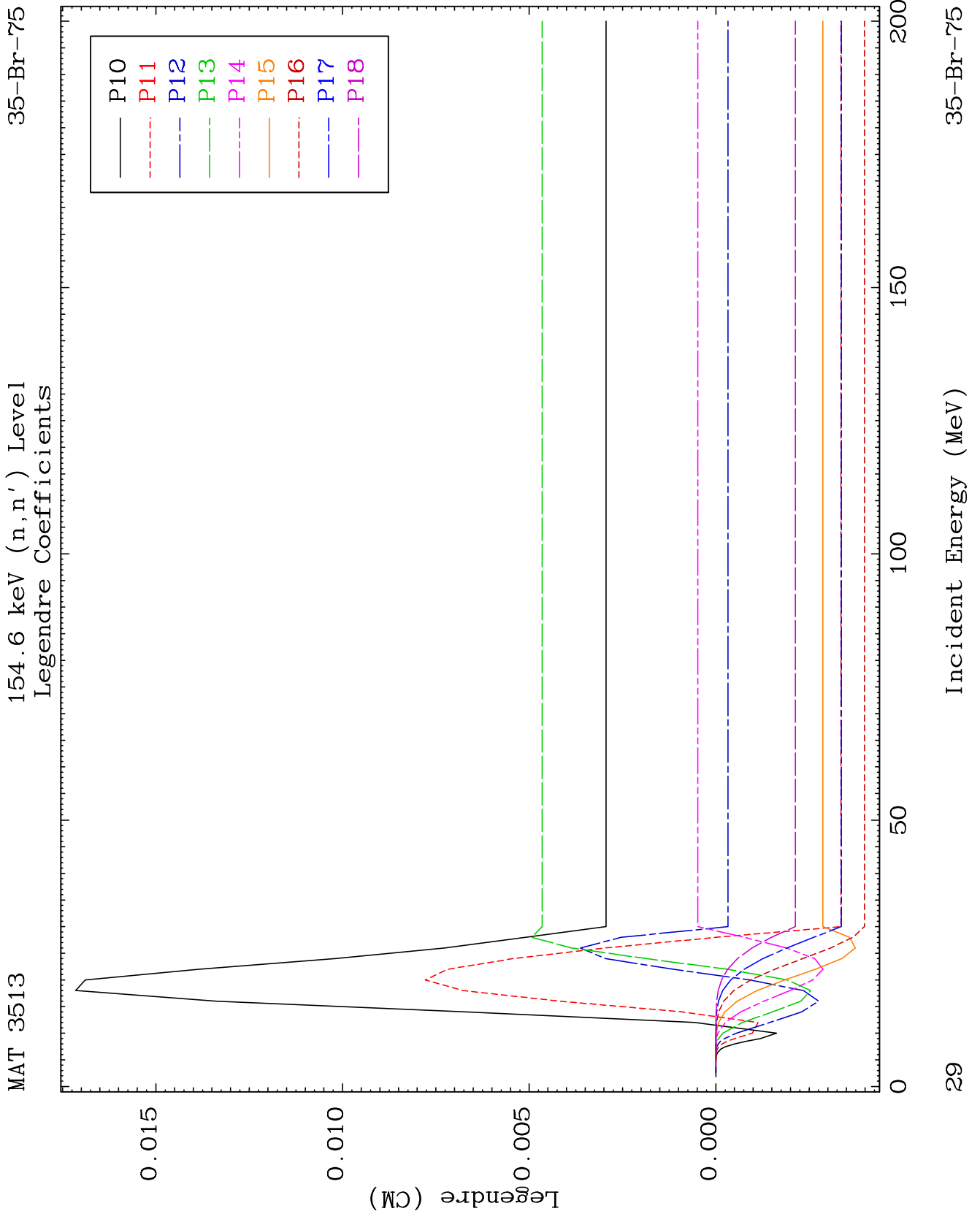
Incident Energy (MeV)

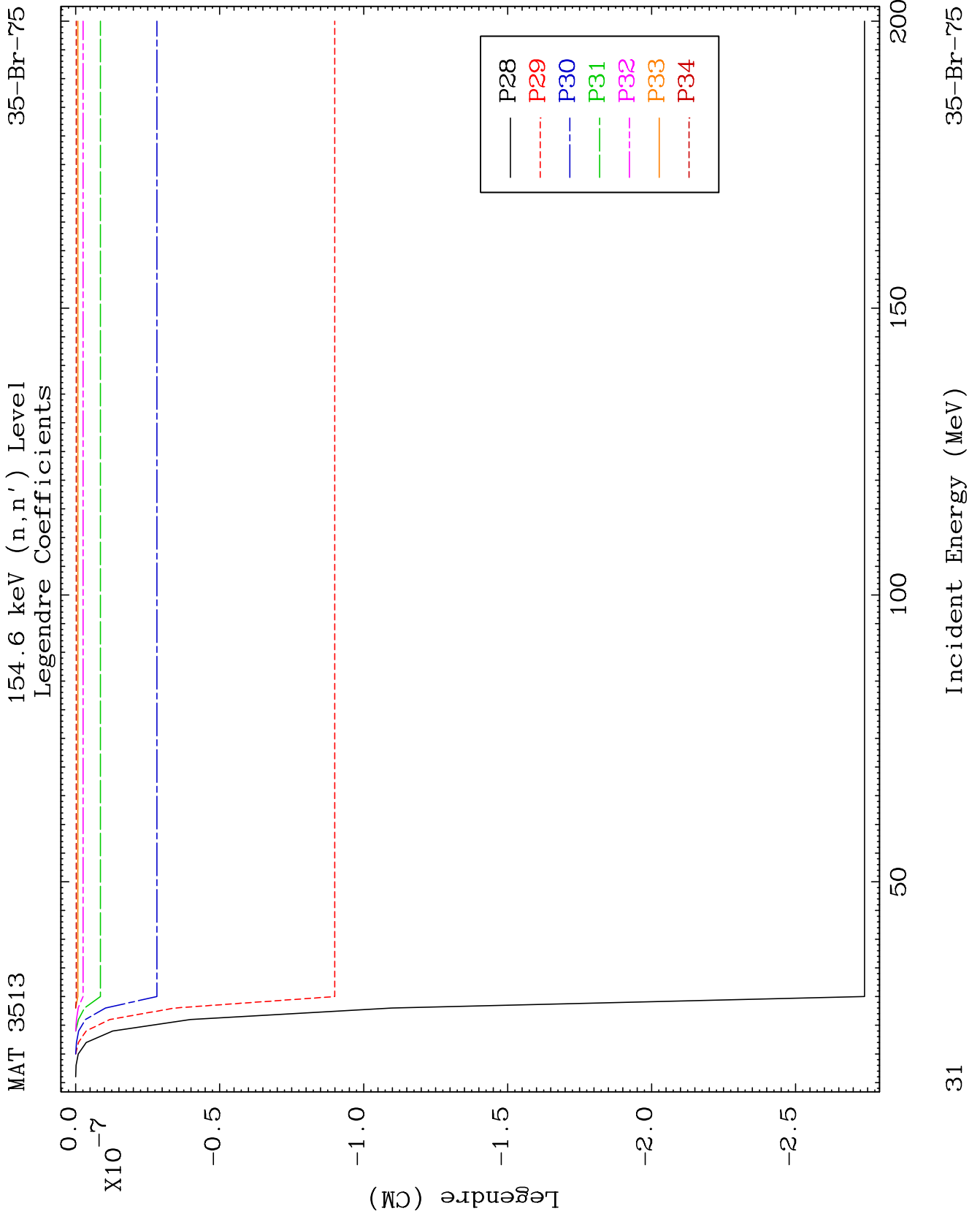
25

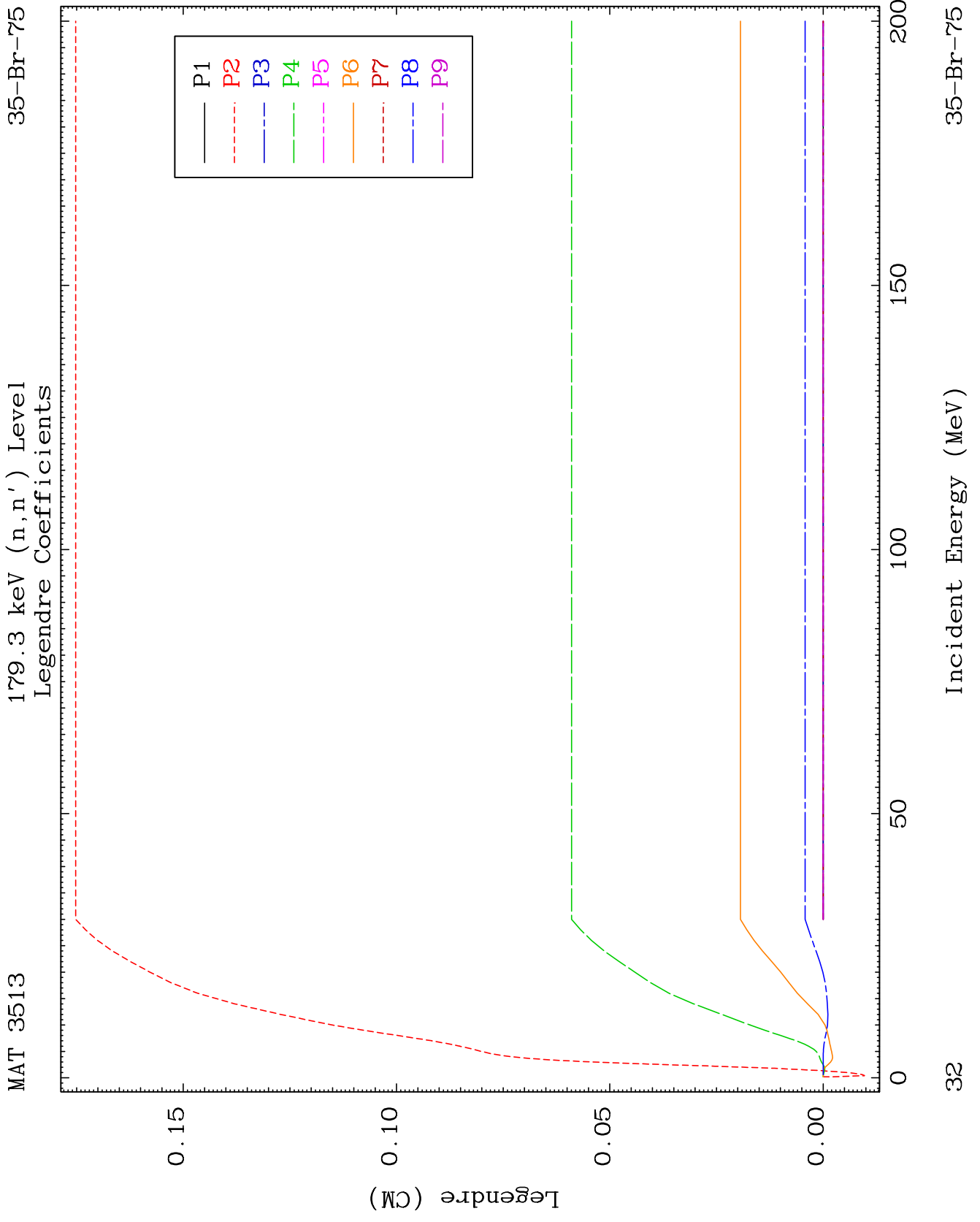


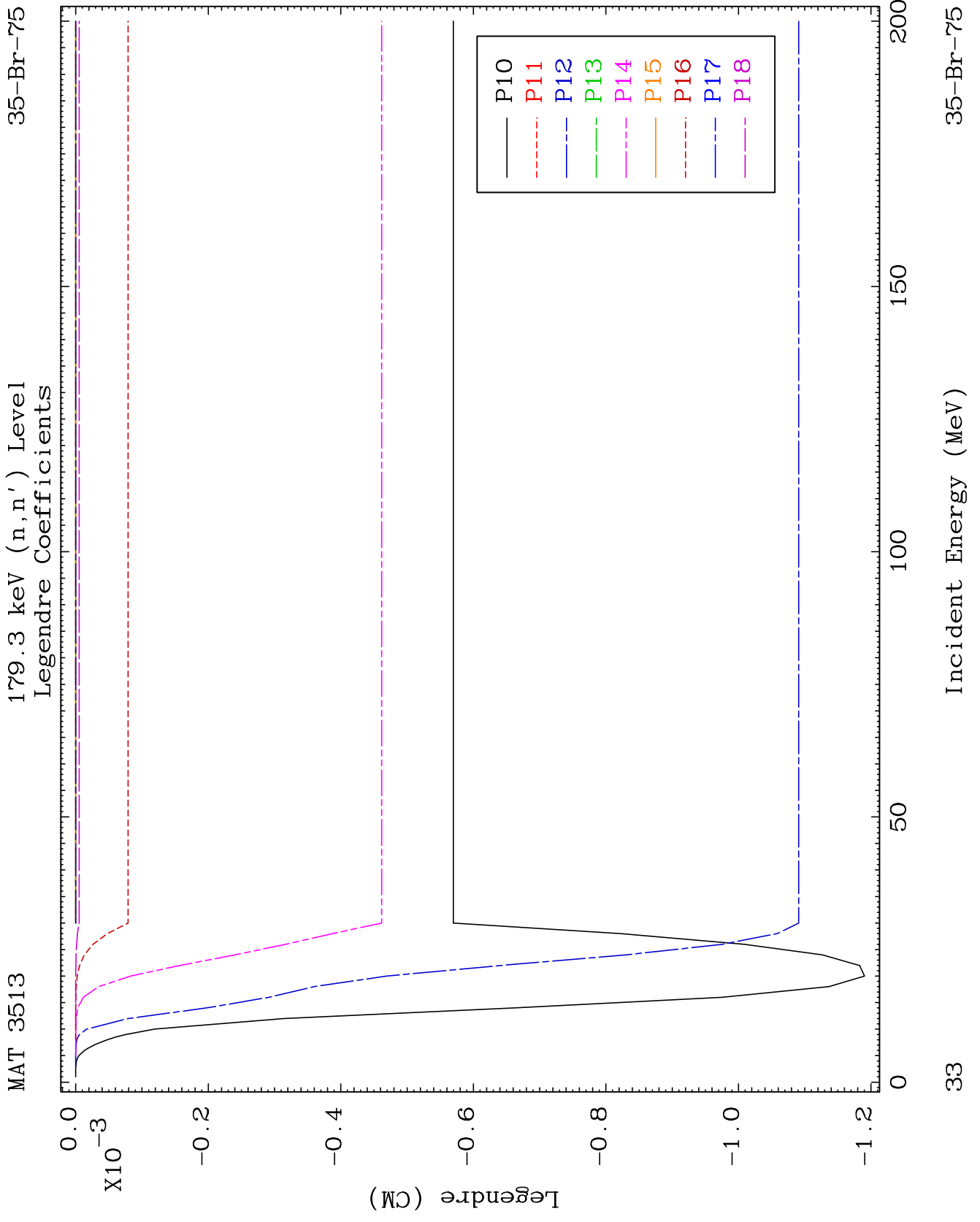


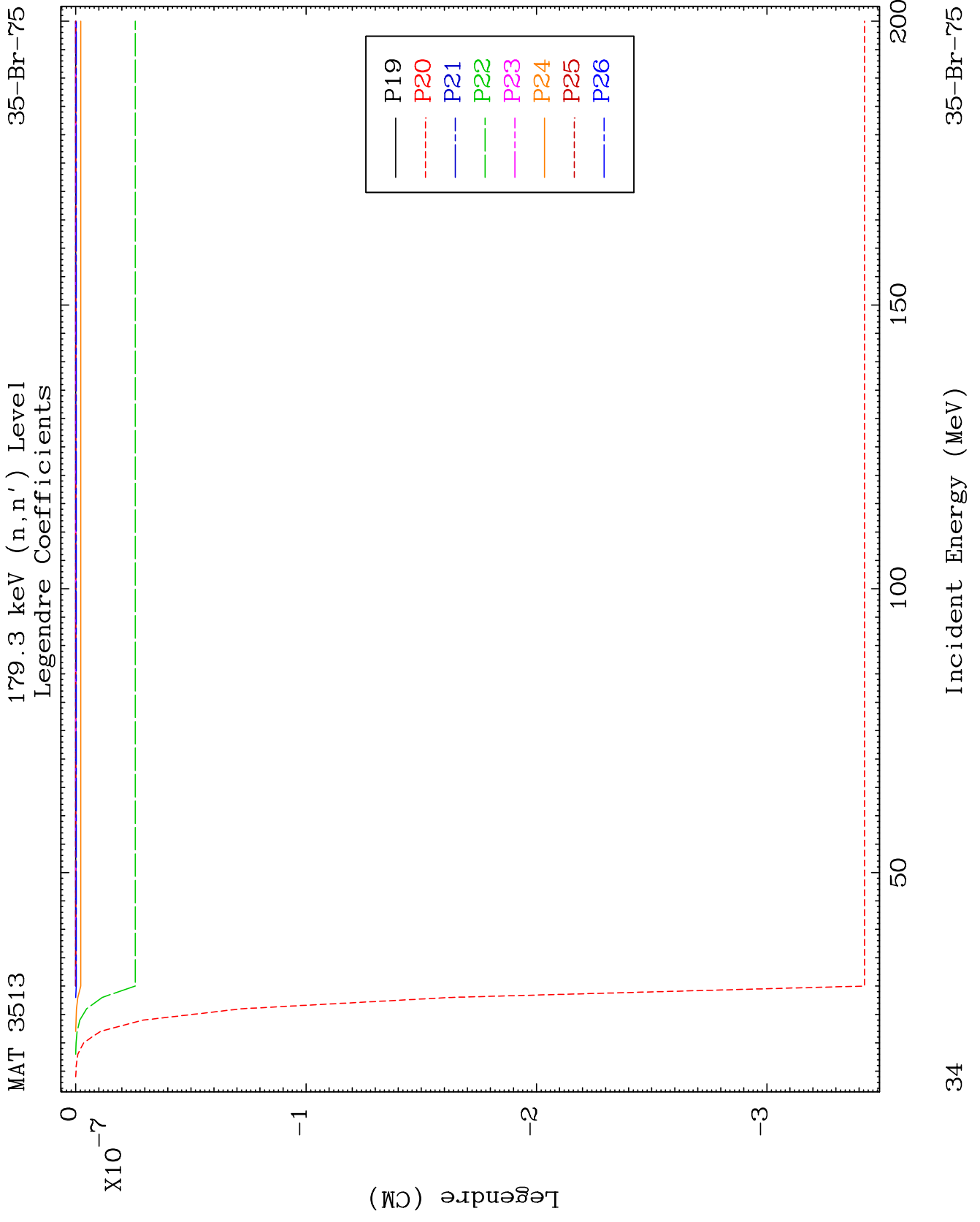


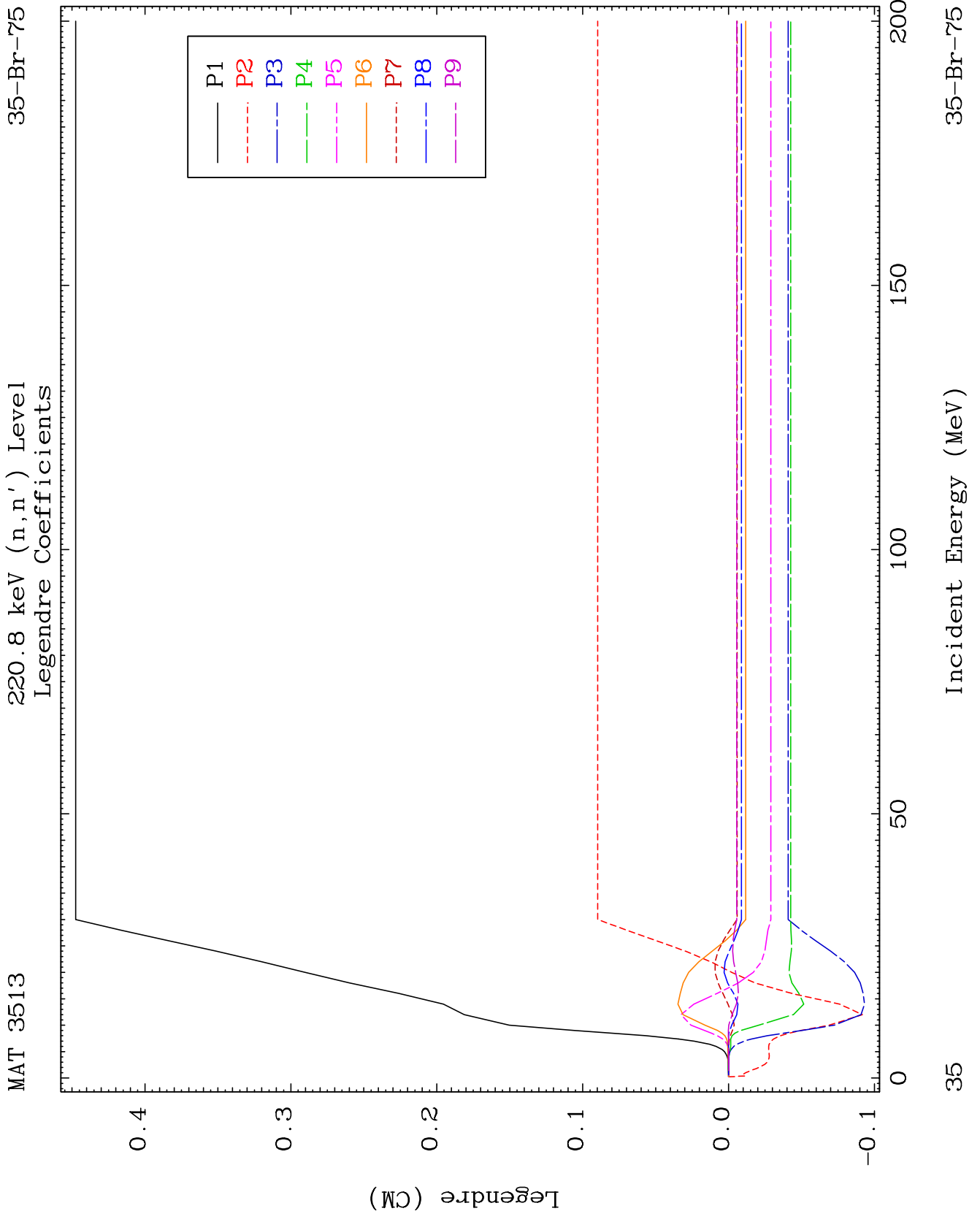


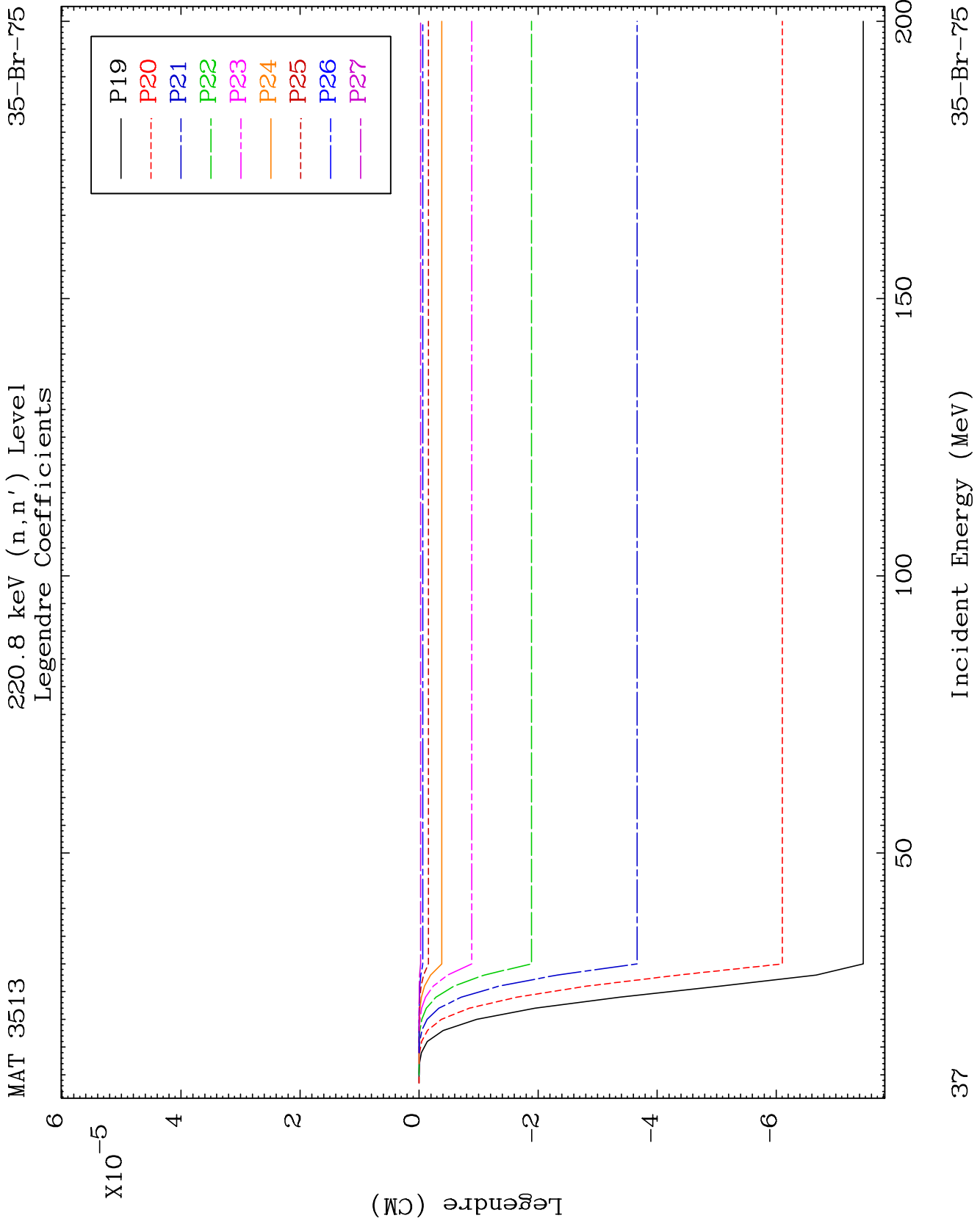


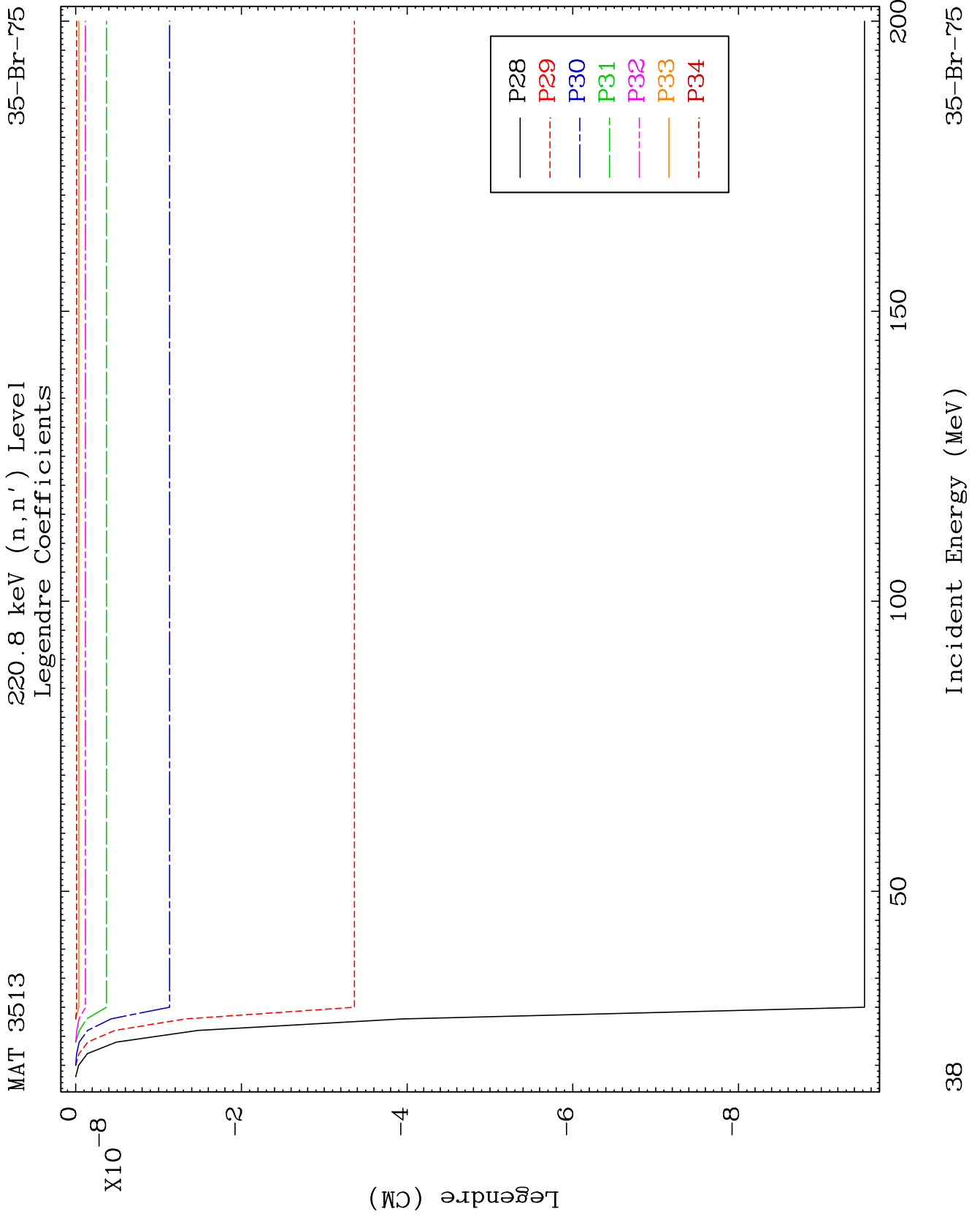








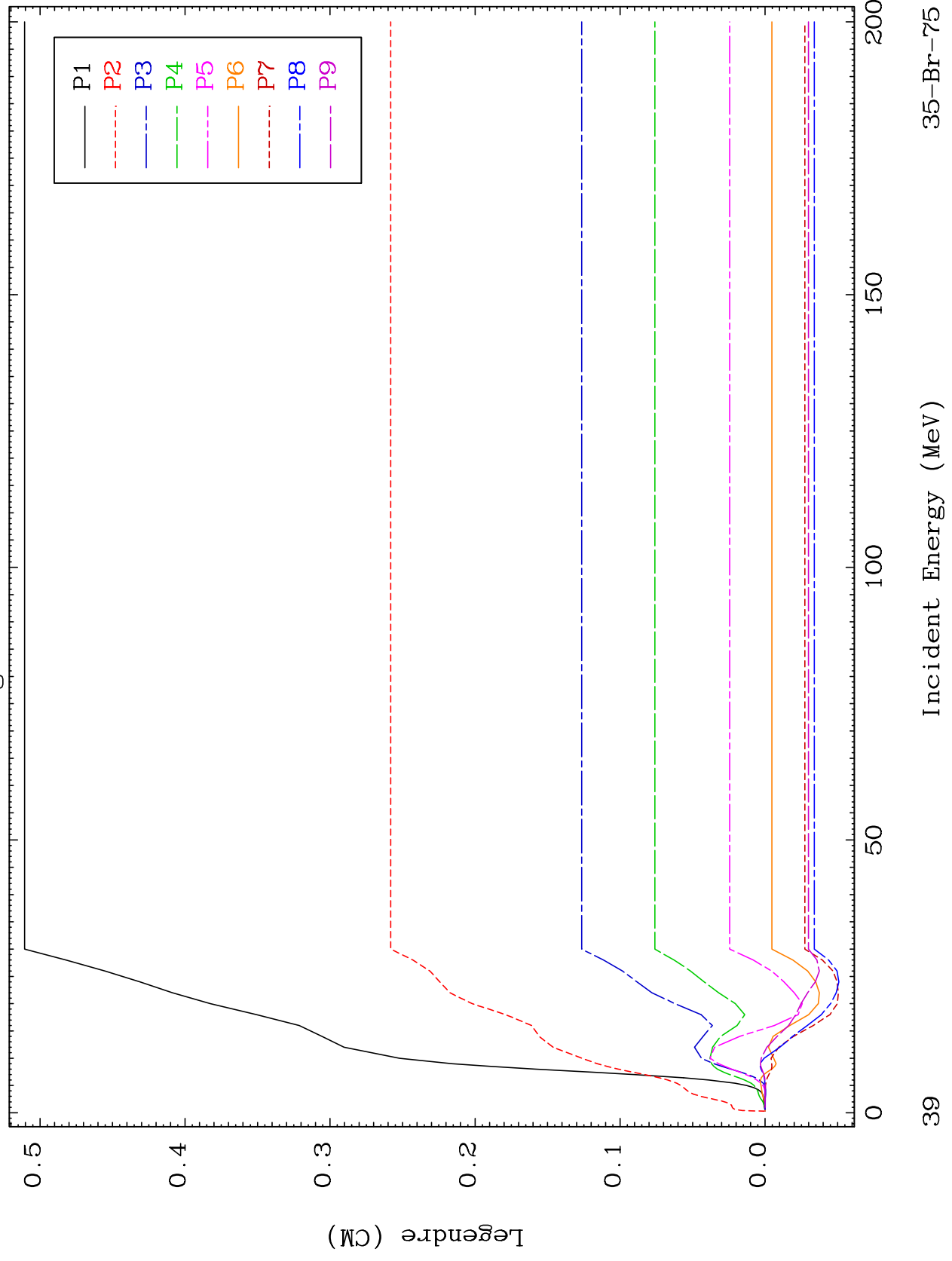




MAT 3513

273.1 keV (n,n') Level
Legendre Coefficients

35-Br-75



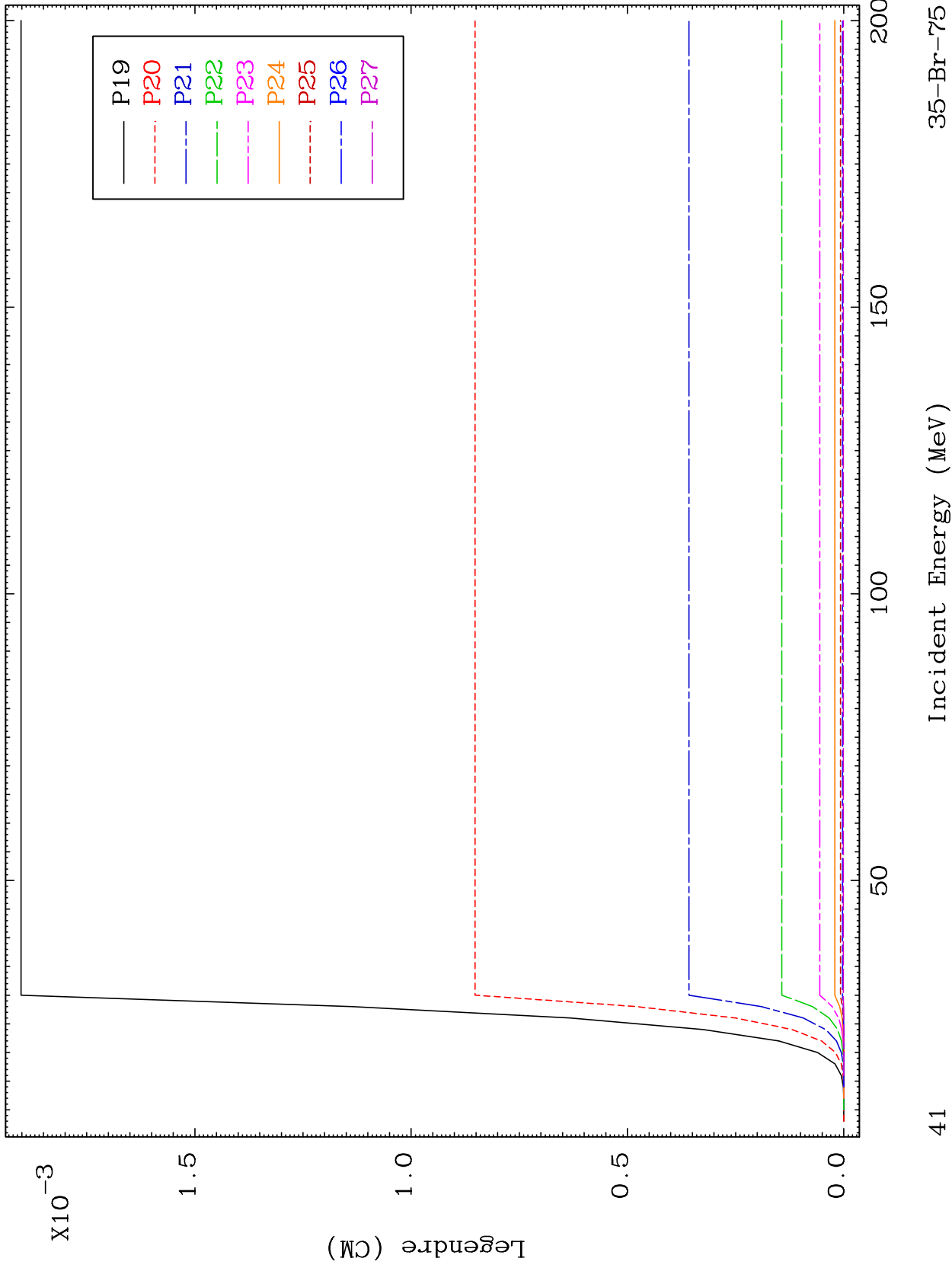
39

35-Br-75

MAT 3513

273.1 keV (n,n') Level
Legendre Coefficients

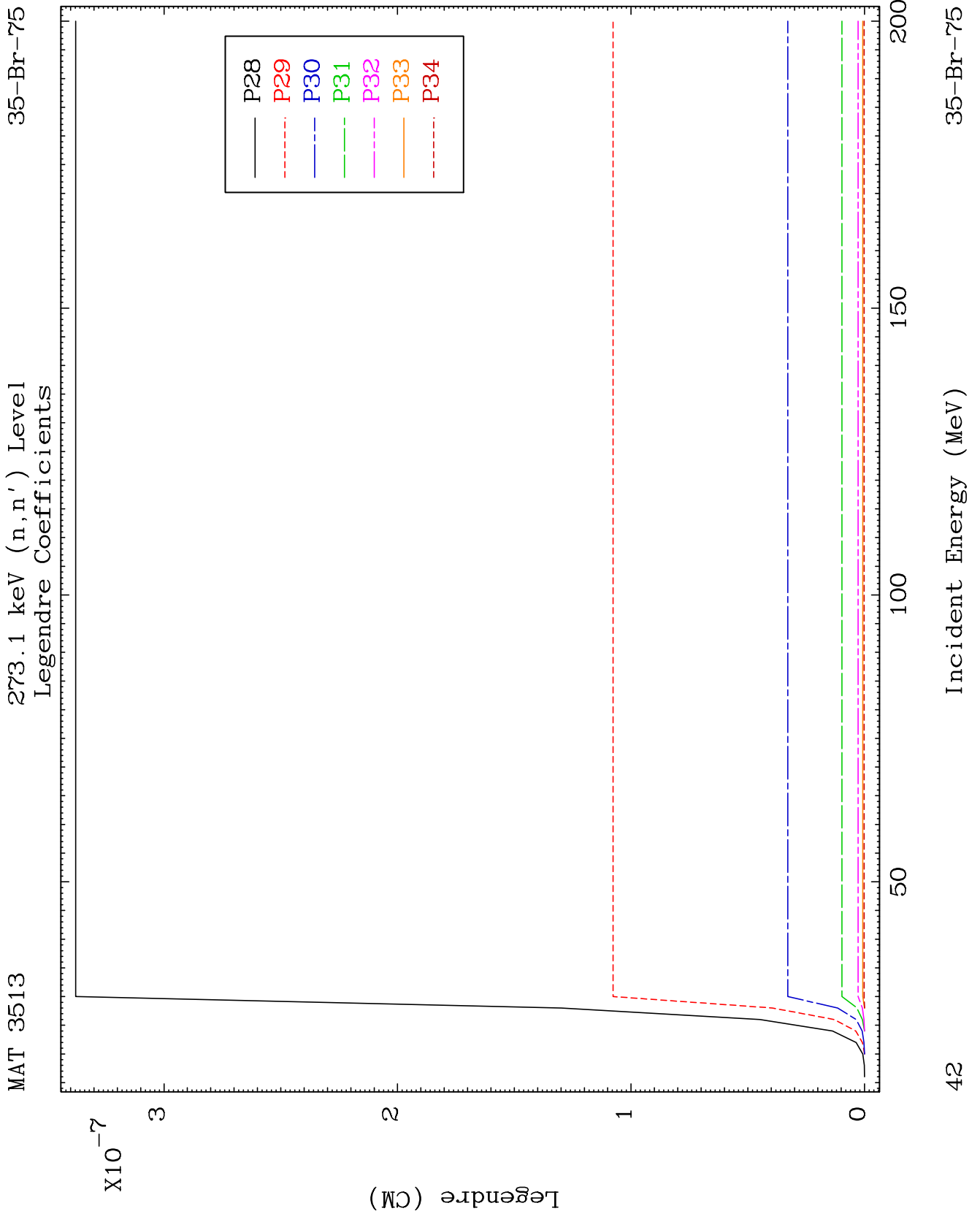
35-Br-75

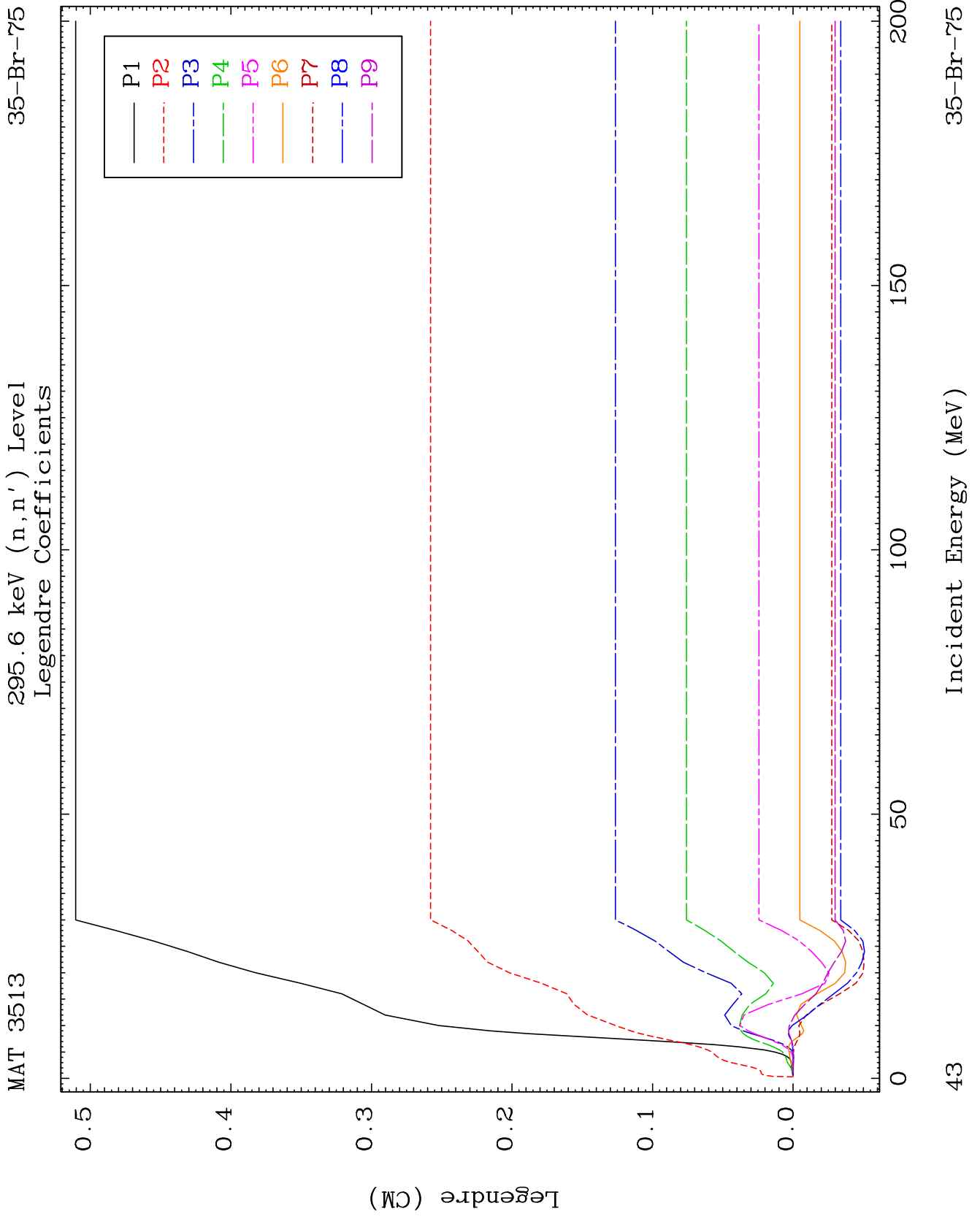


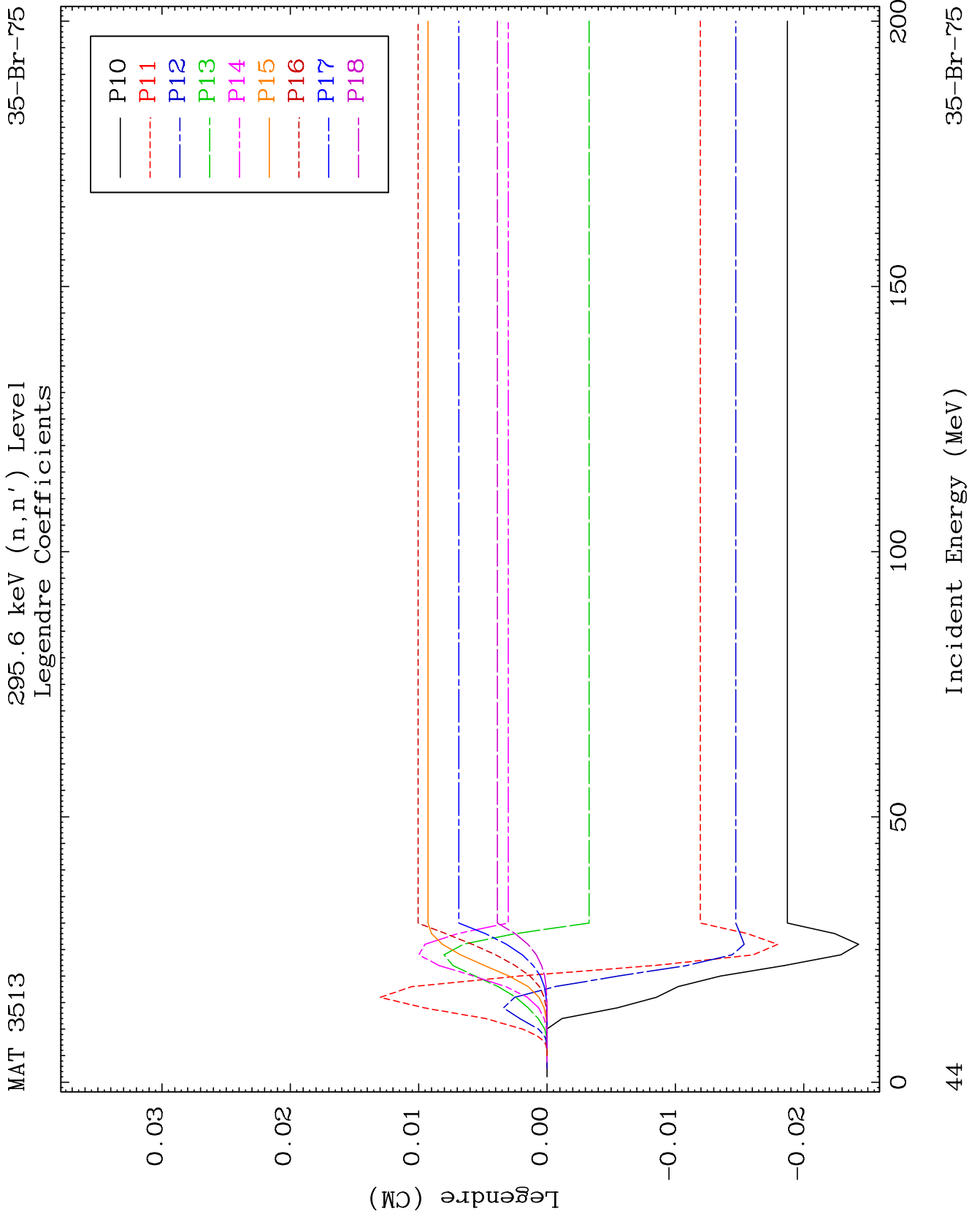
41

Incident Energy (MeV)

35-Br-75



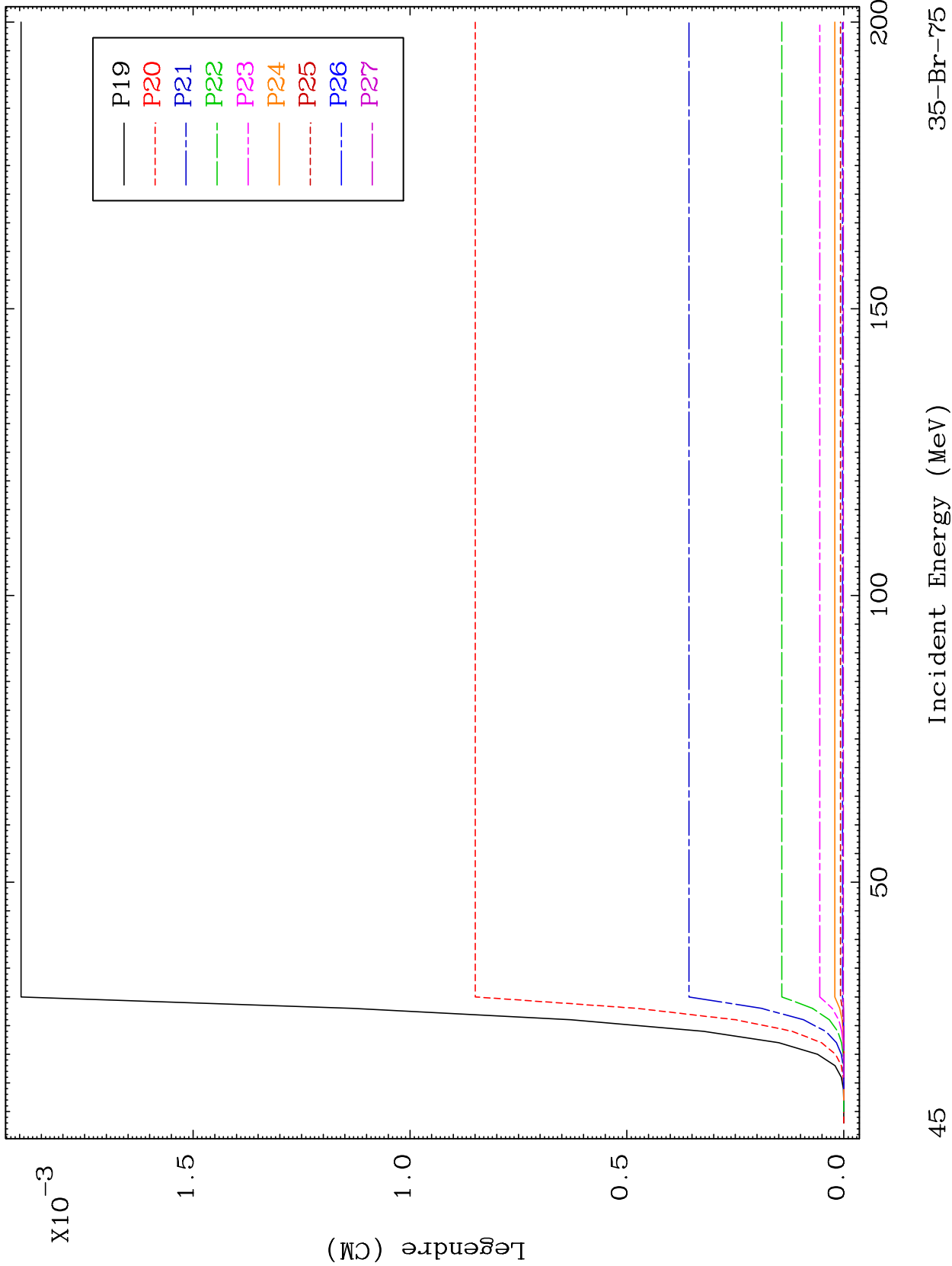


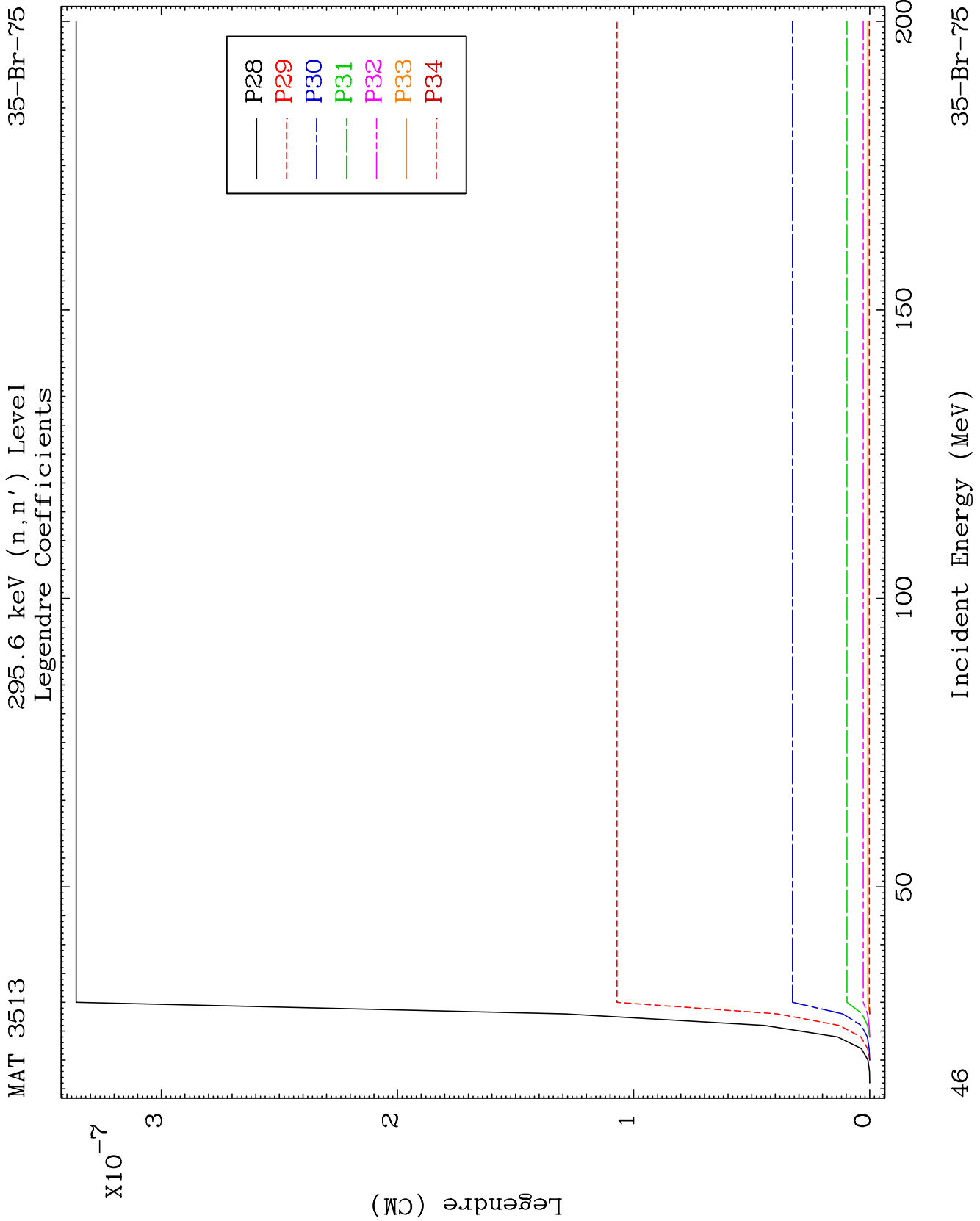


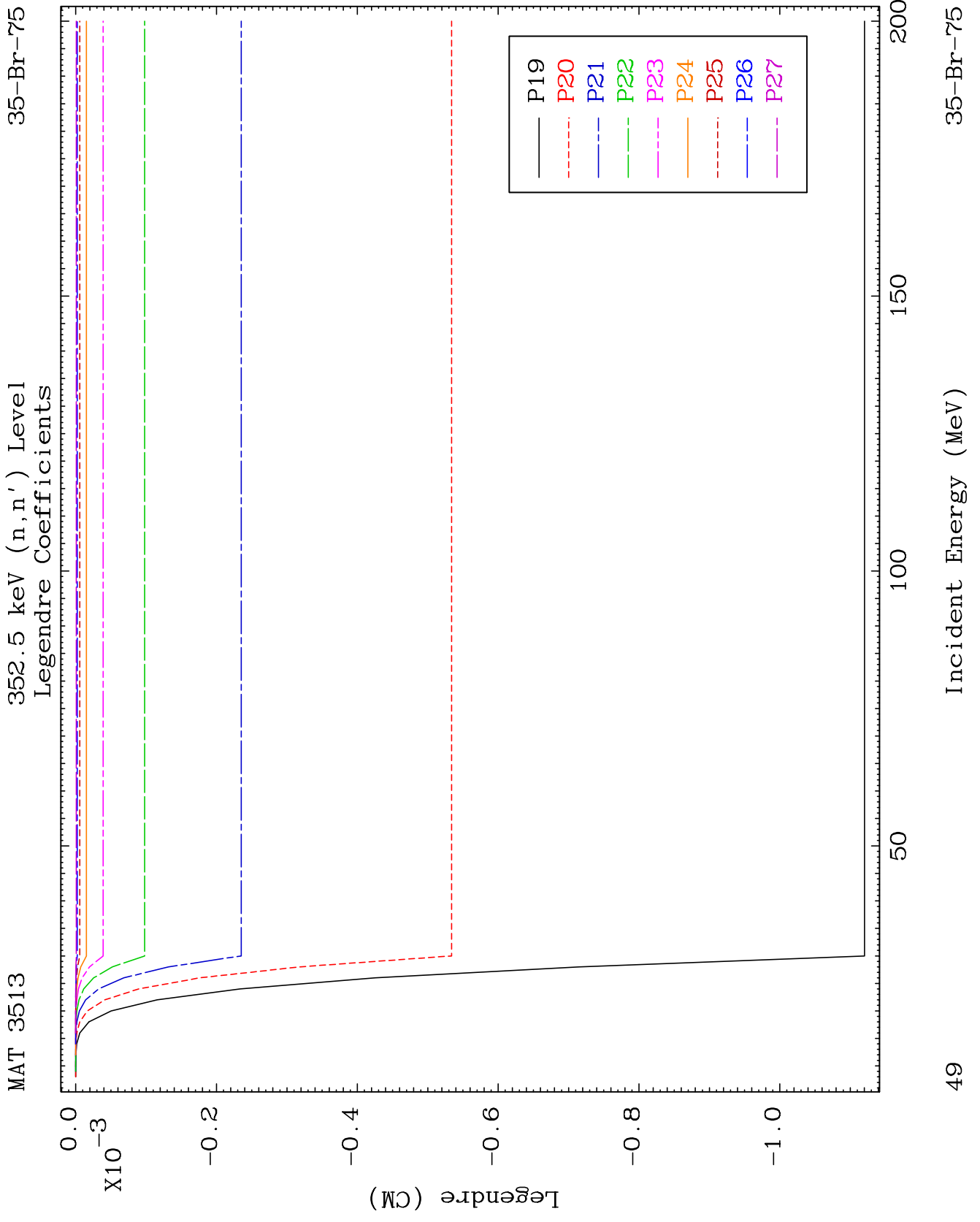
MAT 3513

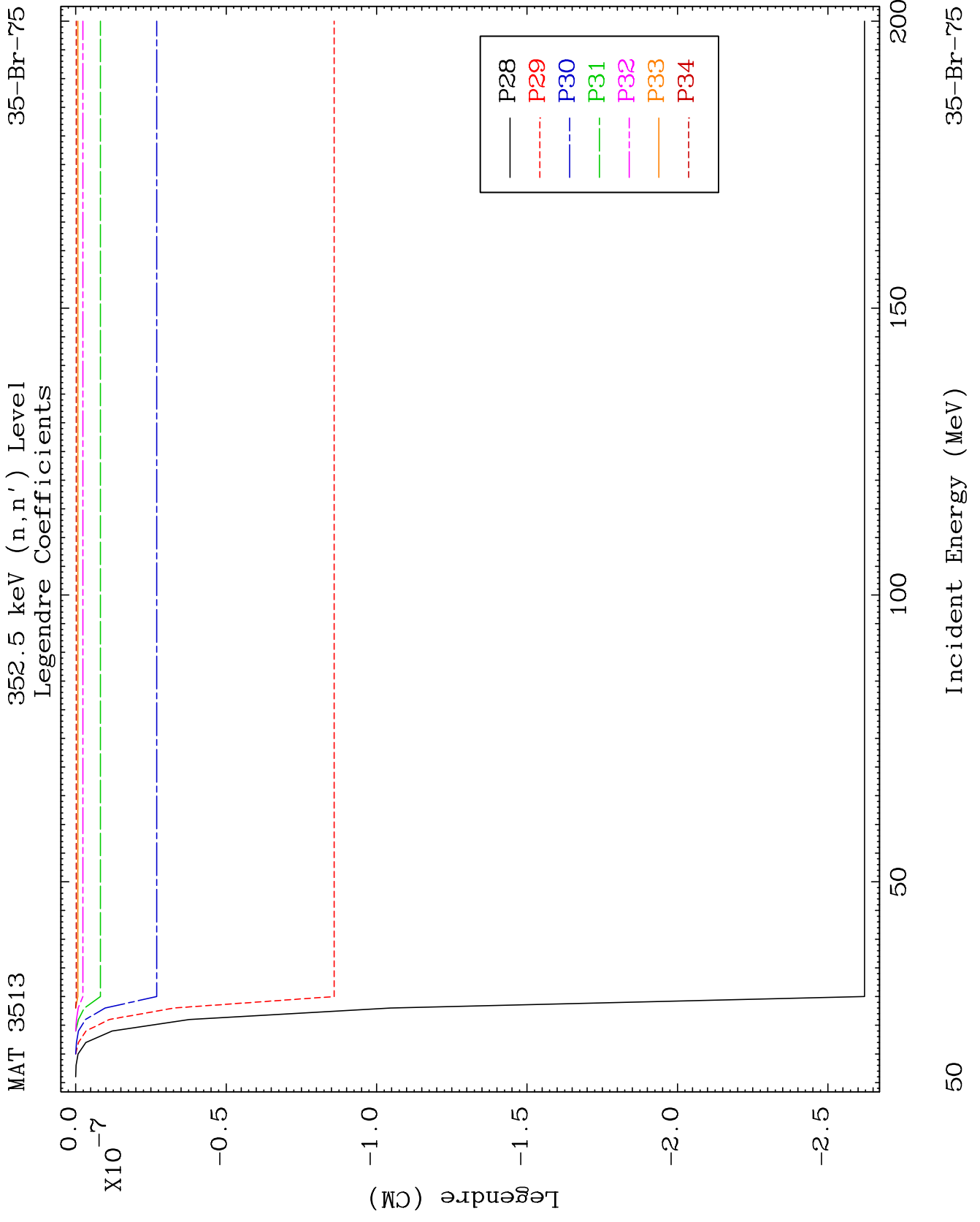
295.6 keV (n,n') Level
Legendre Coefficients

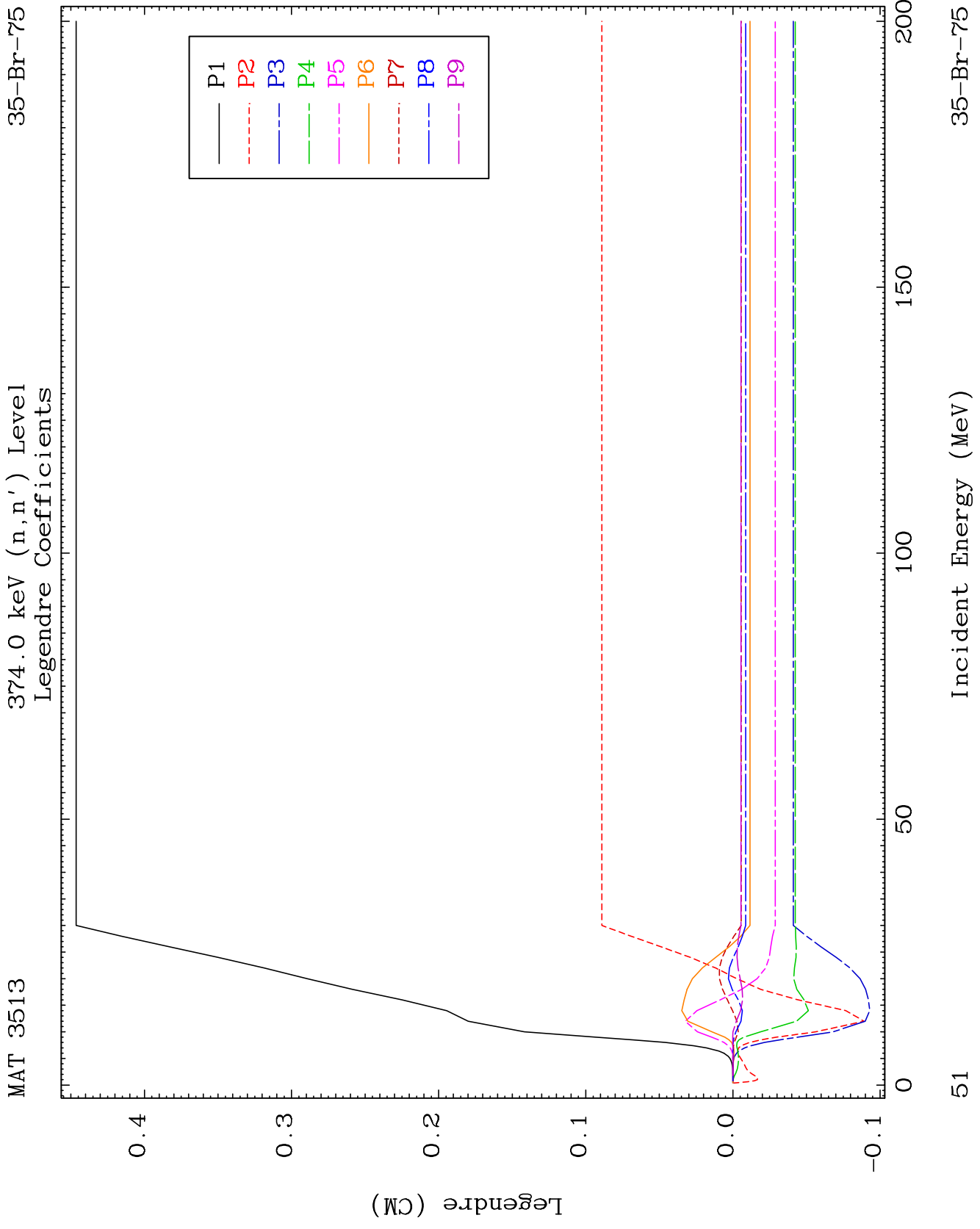
35-Br-75

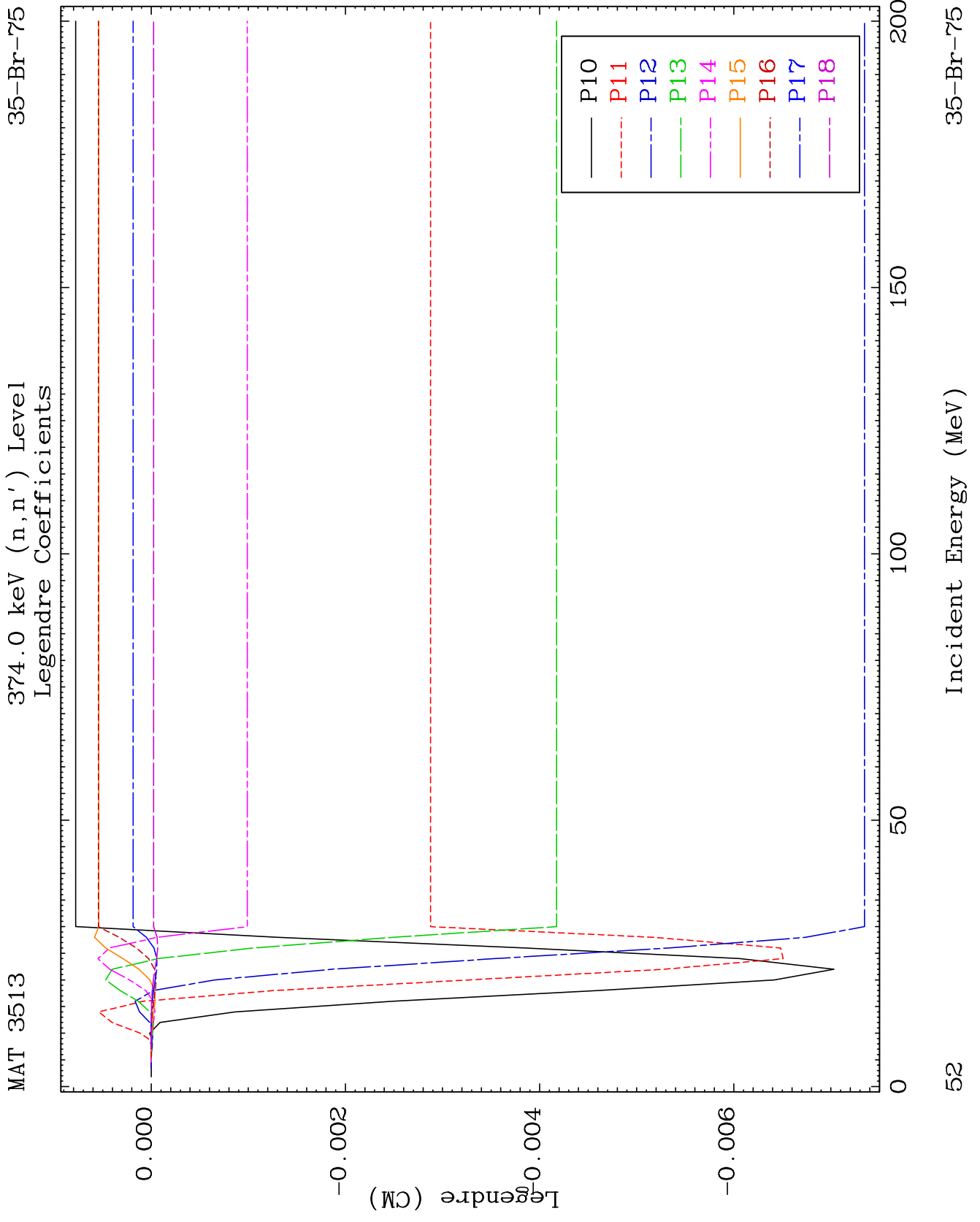


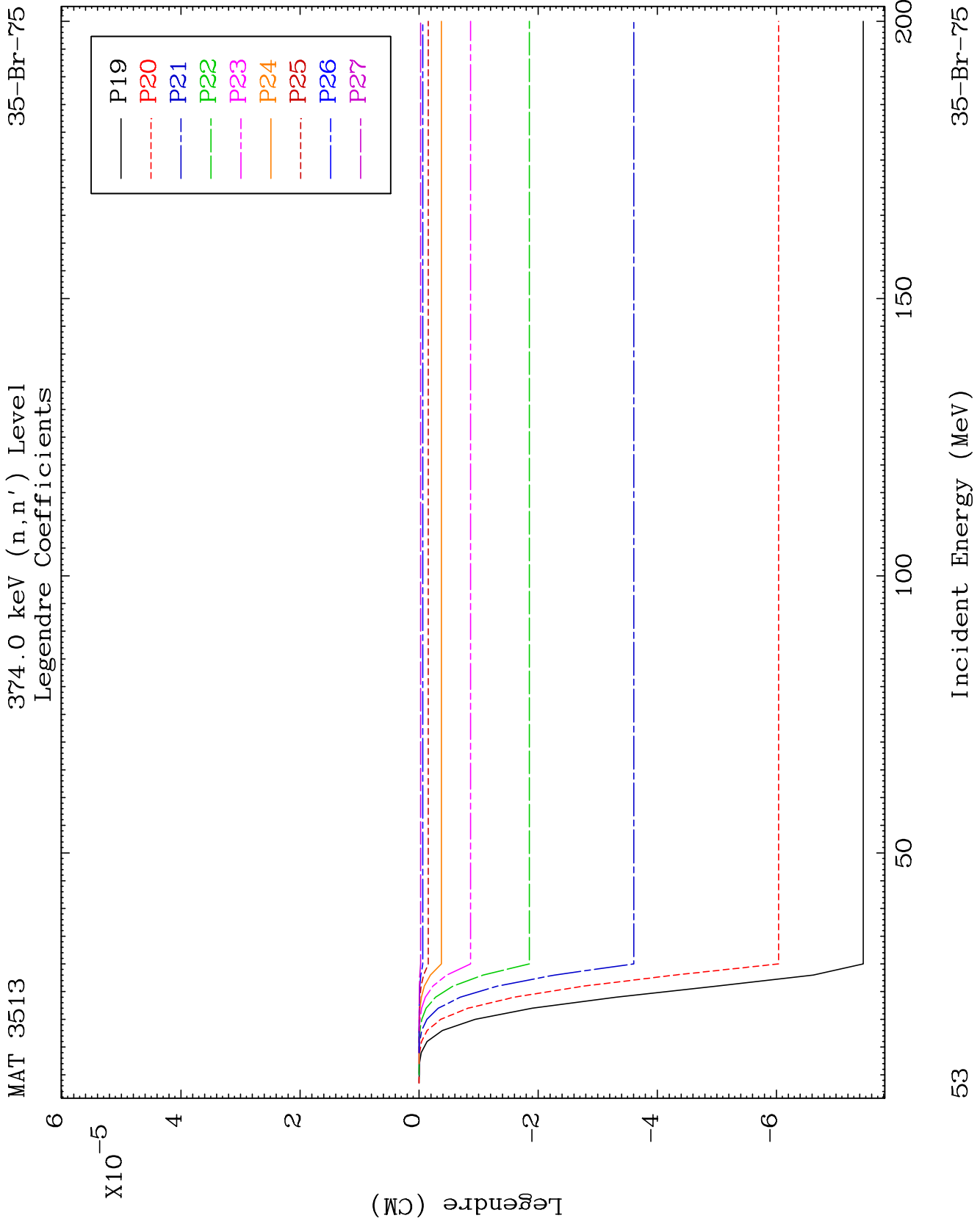


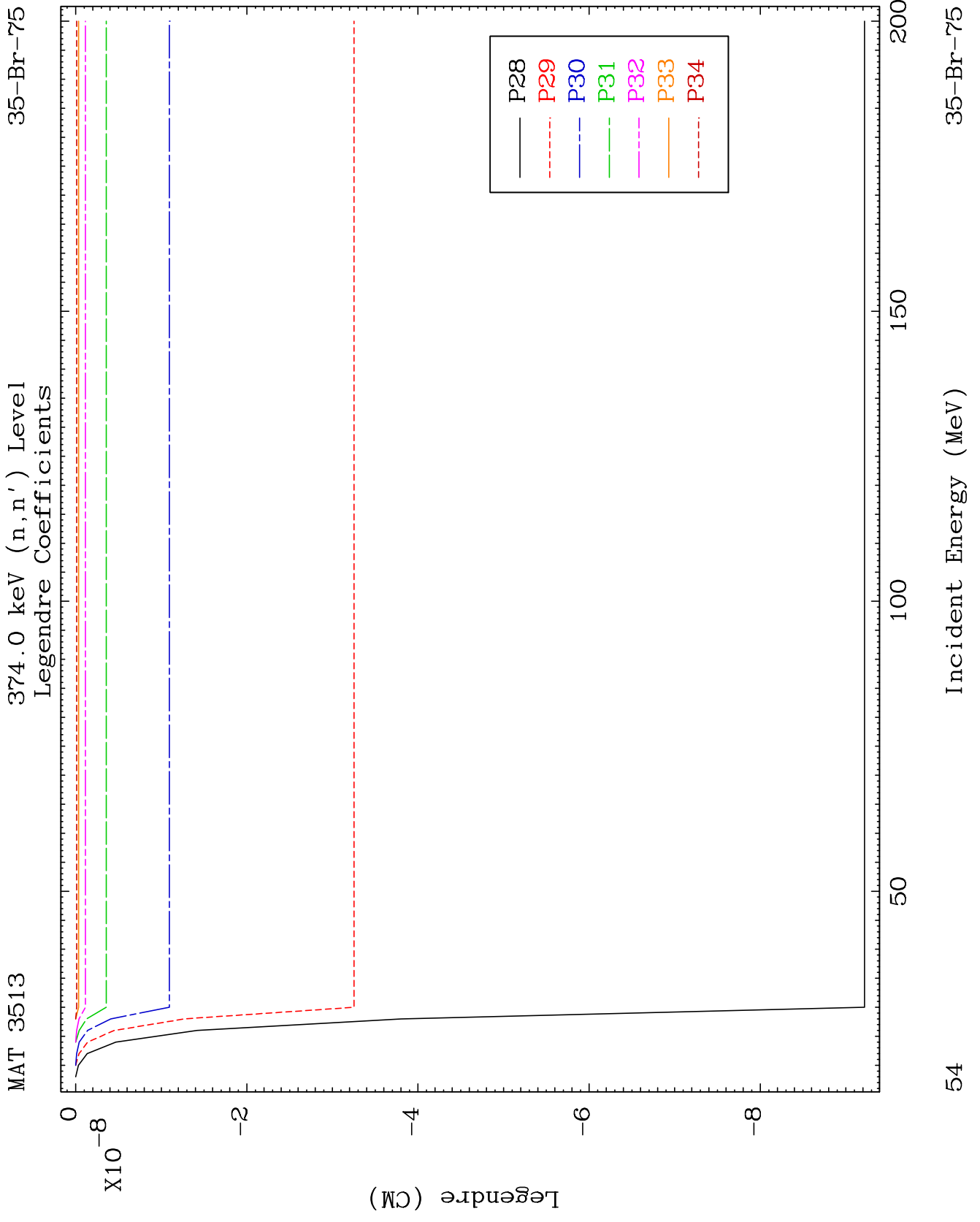


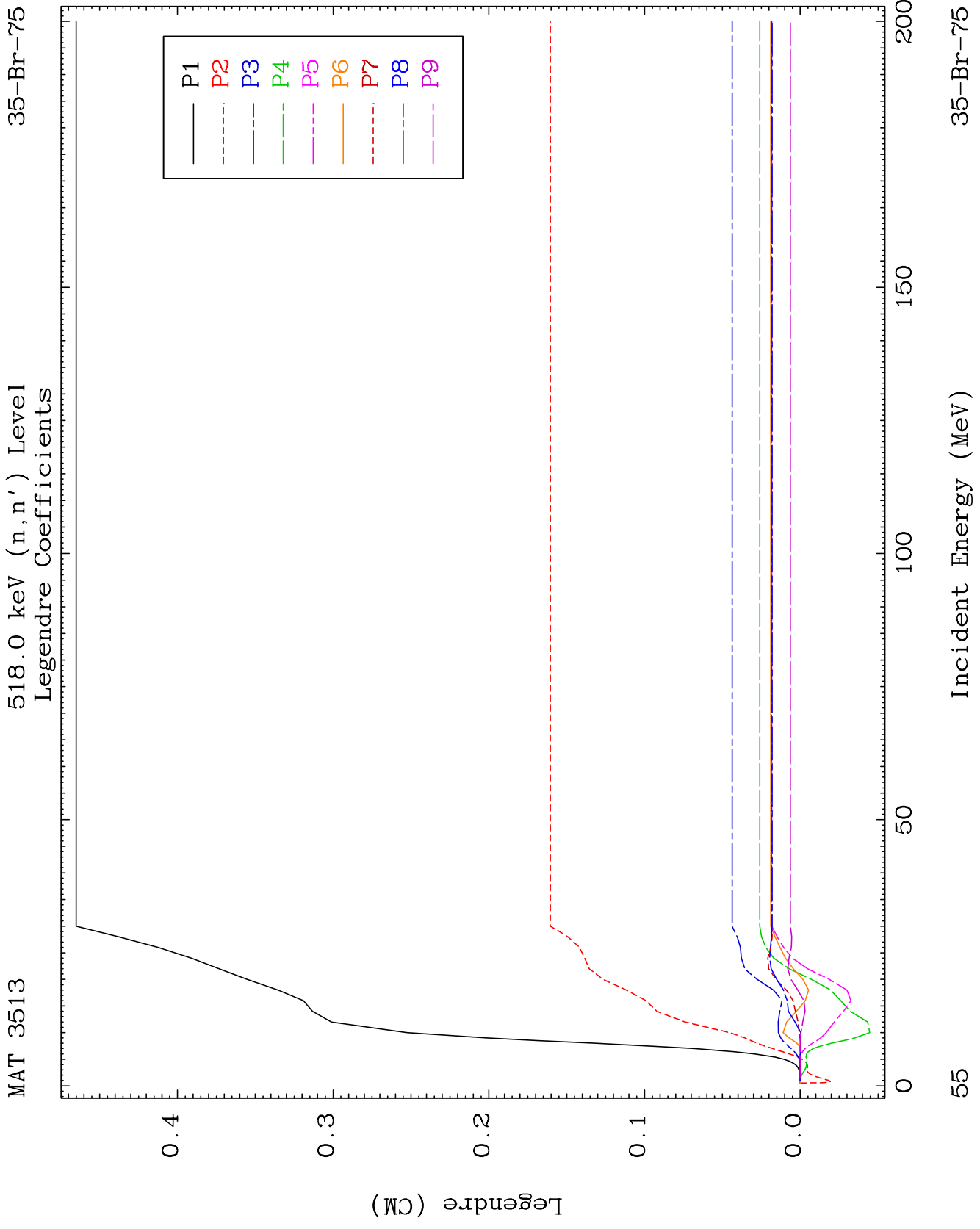








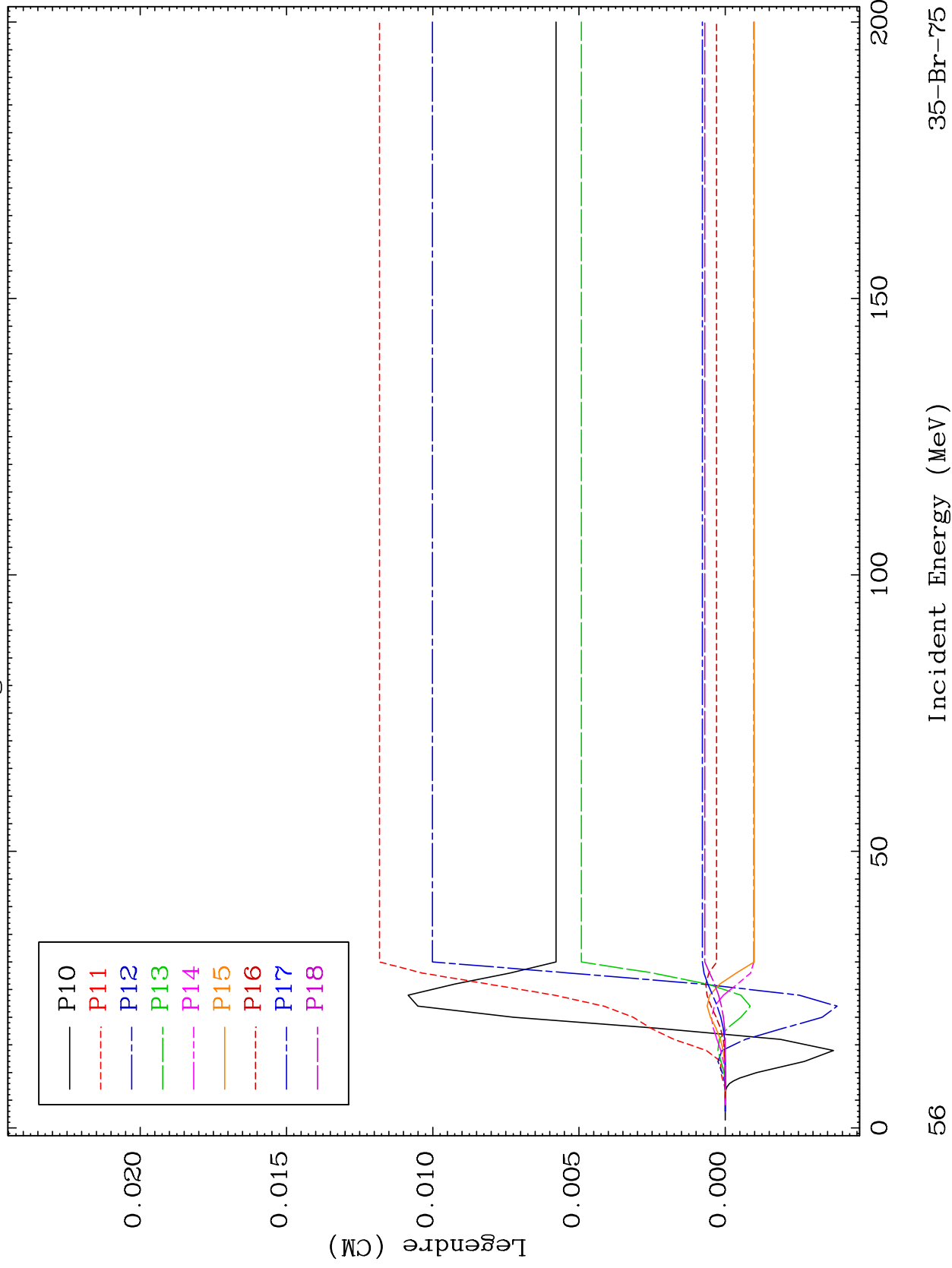




MAT 3513

518.0 keV (n,n') Level
Legendre Coefficients

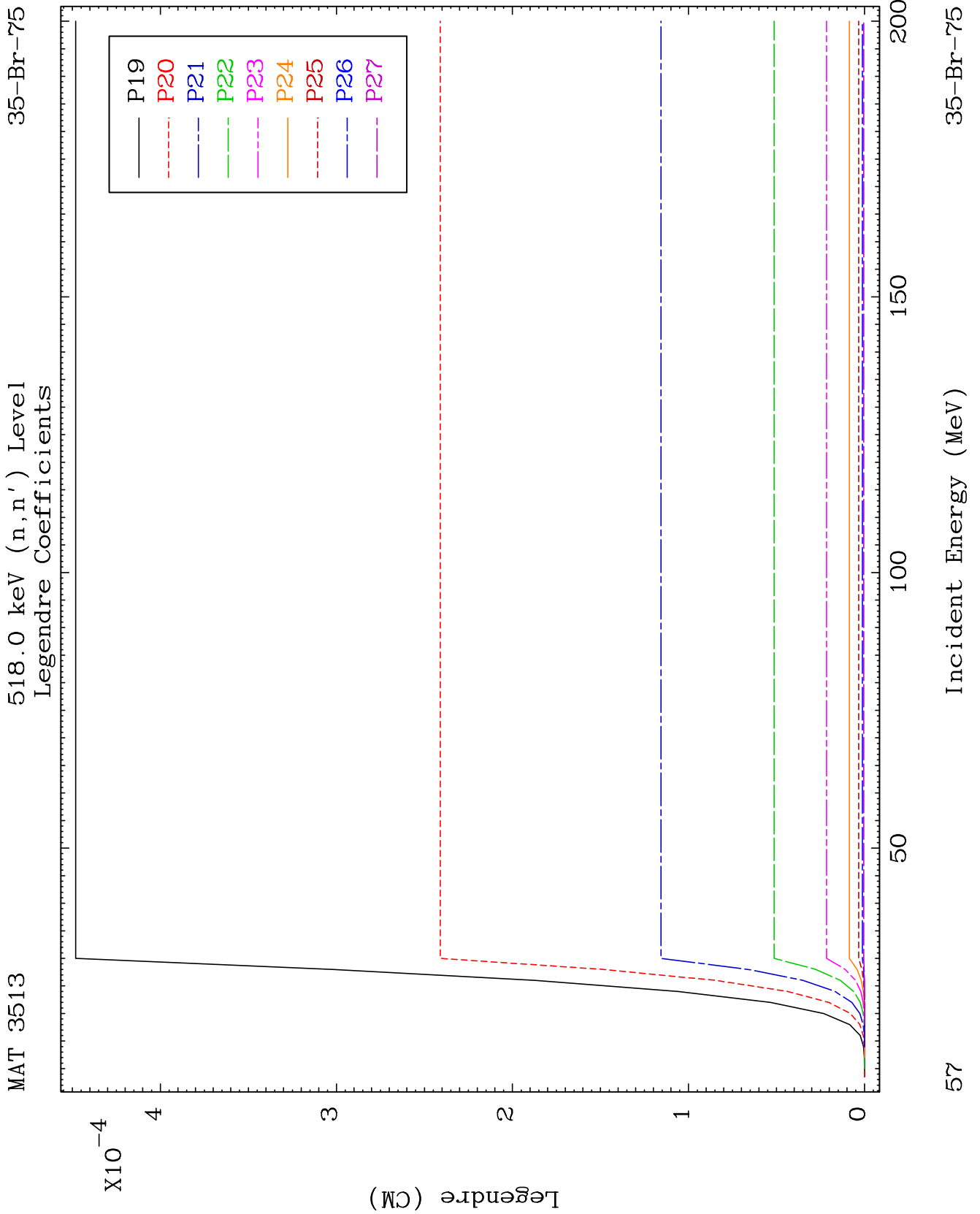
35-Br-75

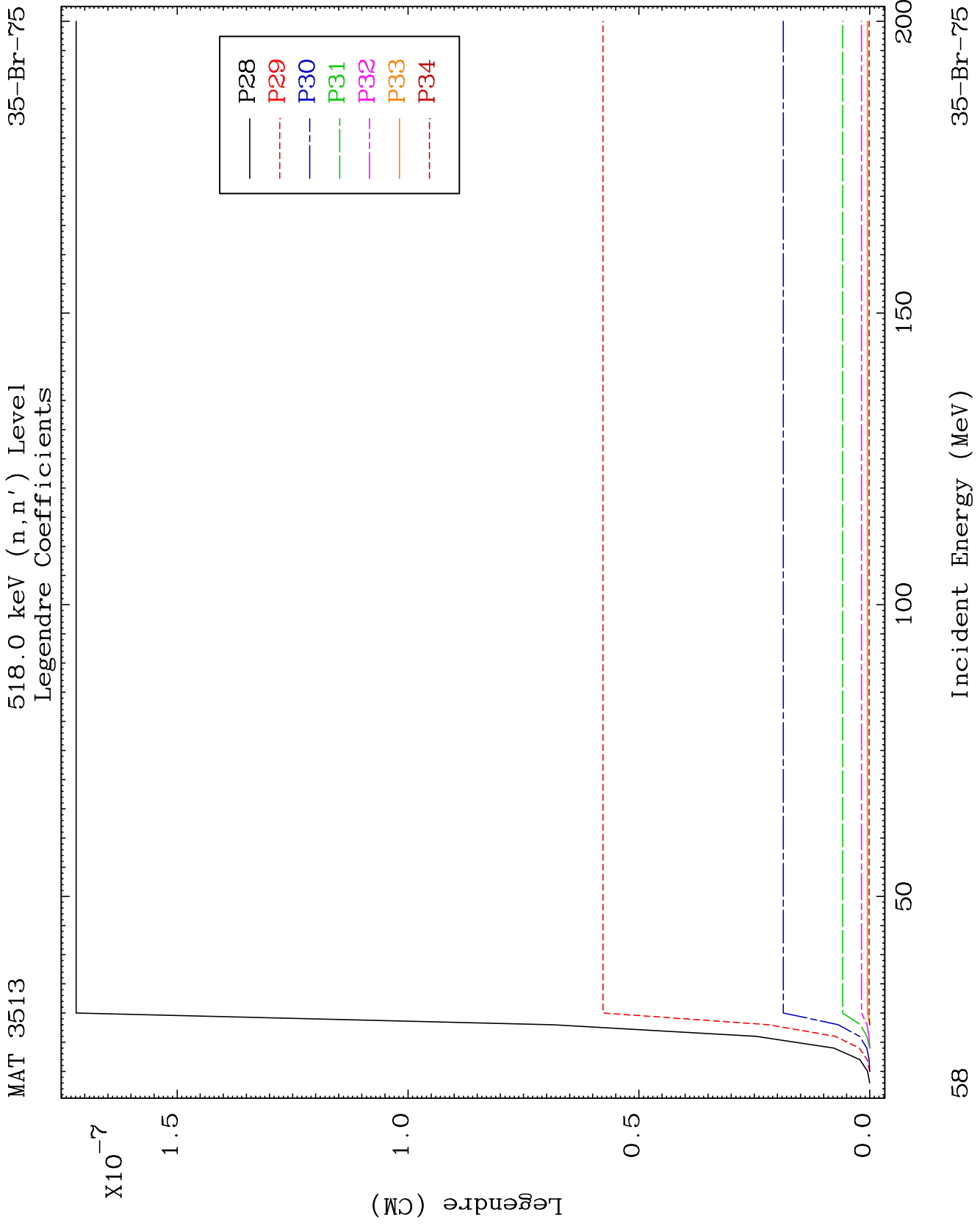


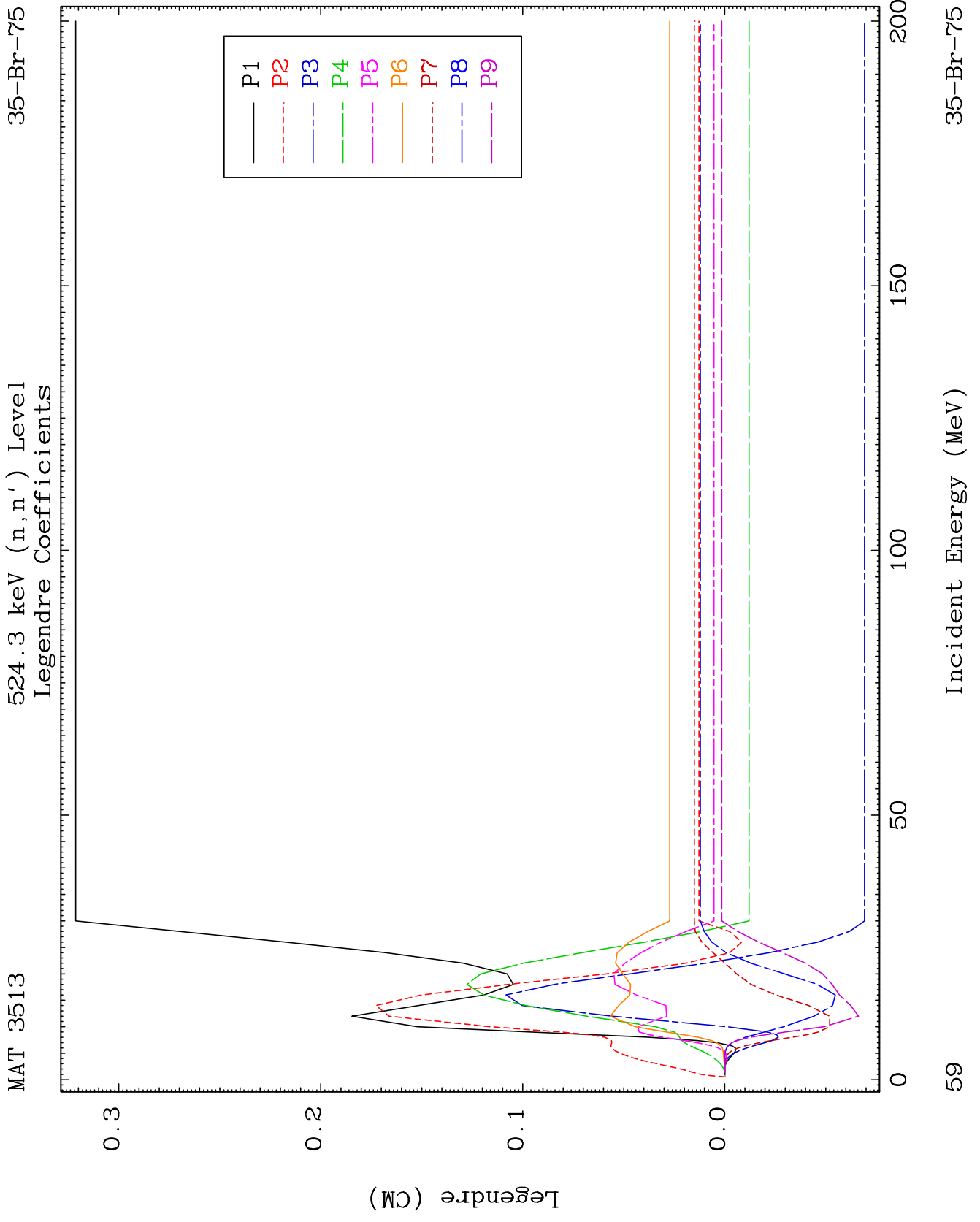
56

Incident Energy (MeV)

35-Br-75



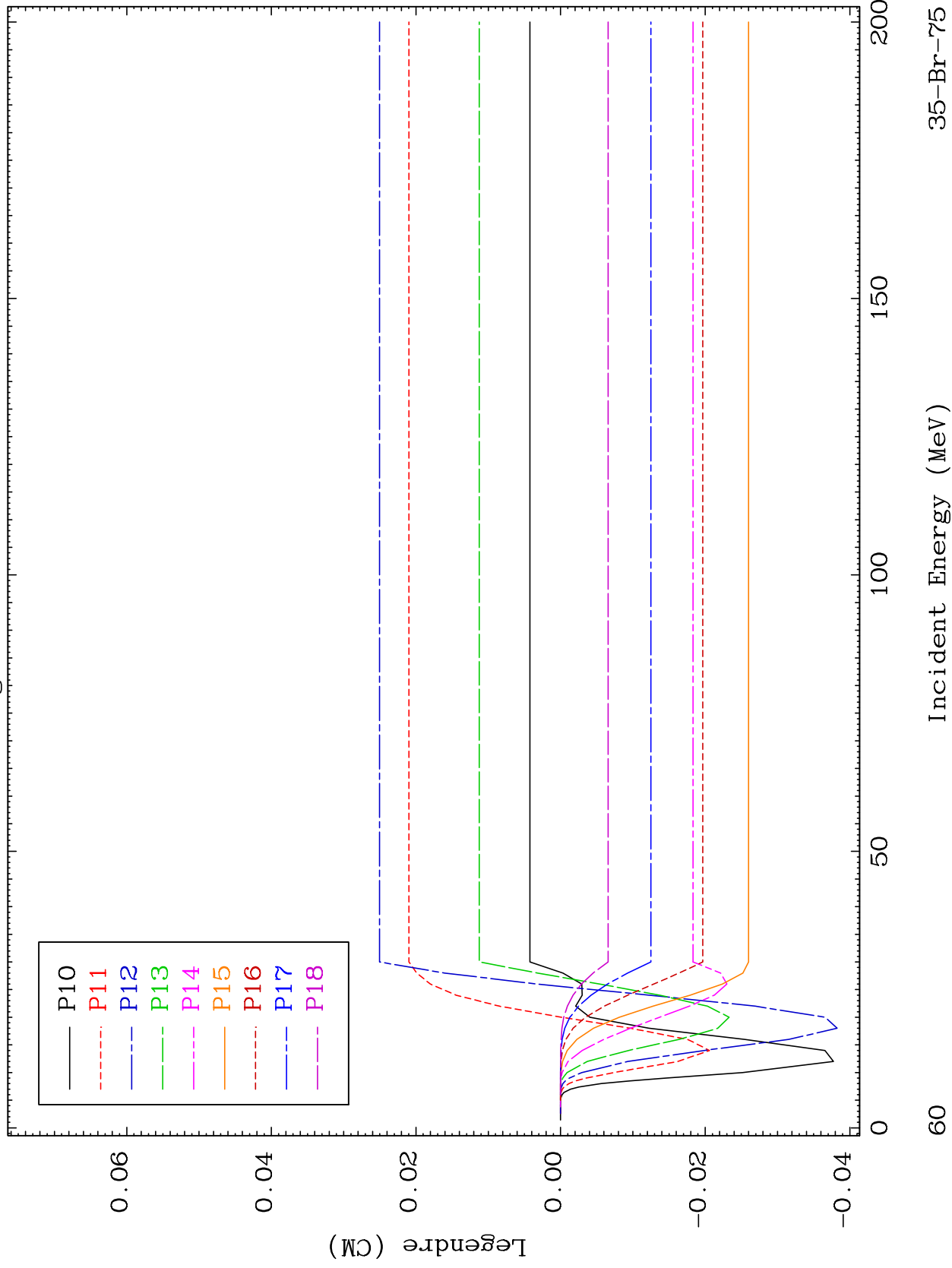


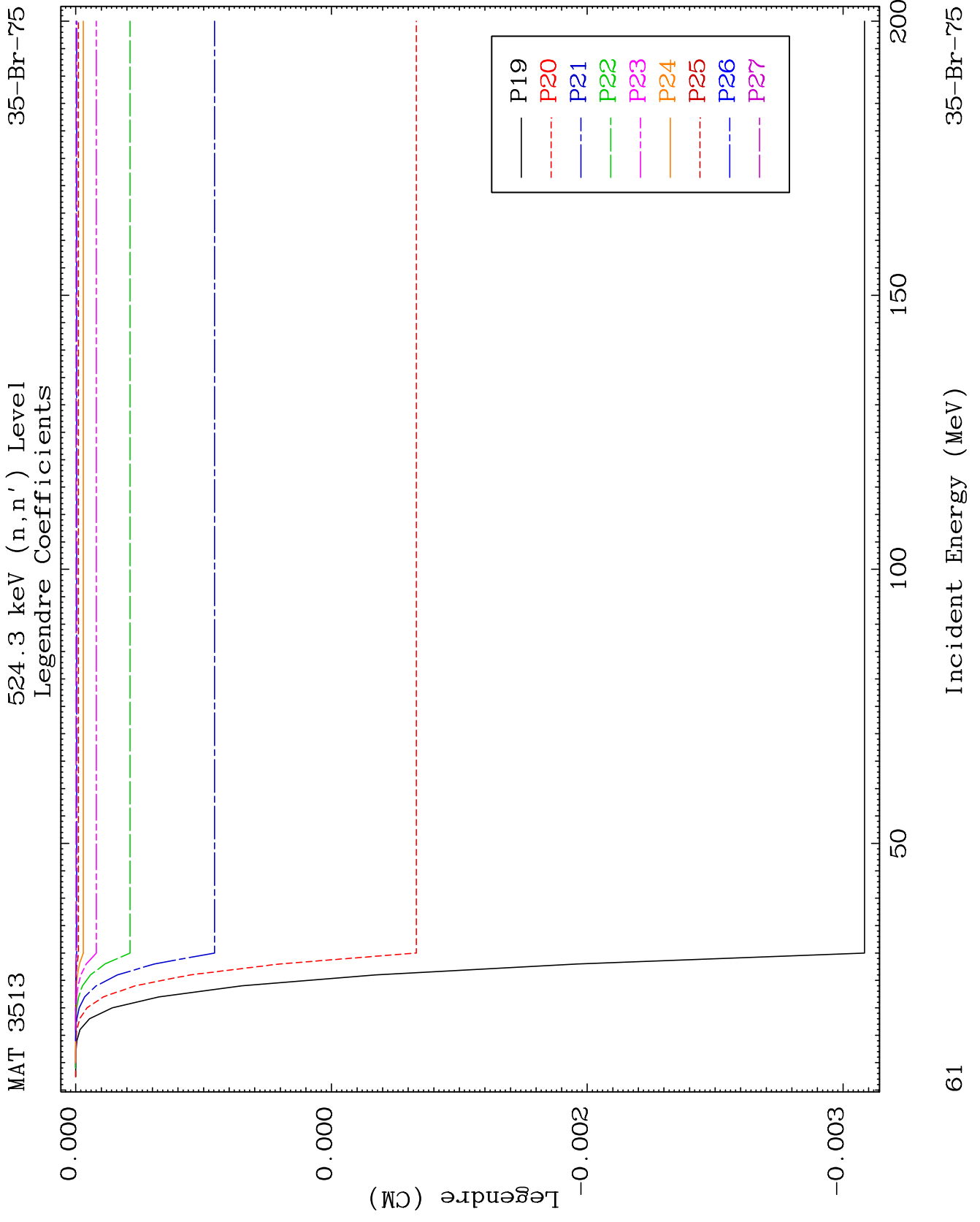


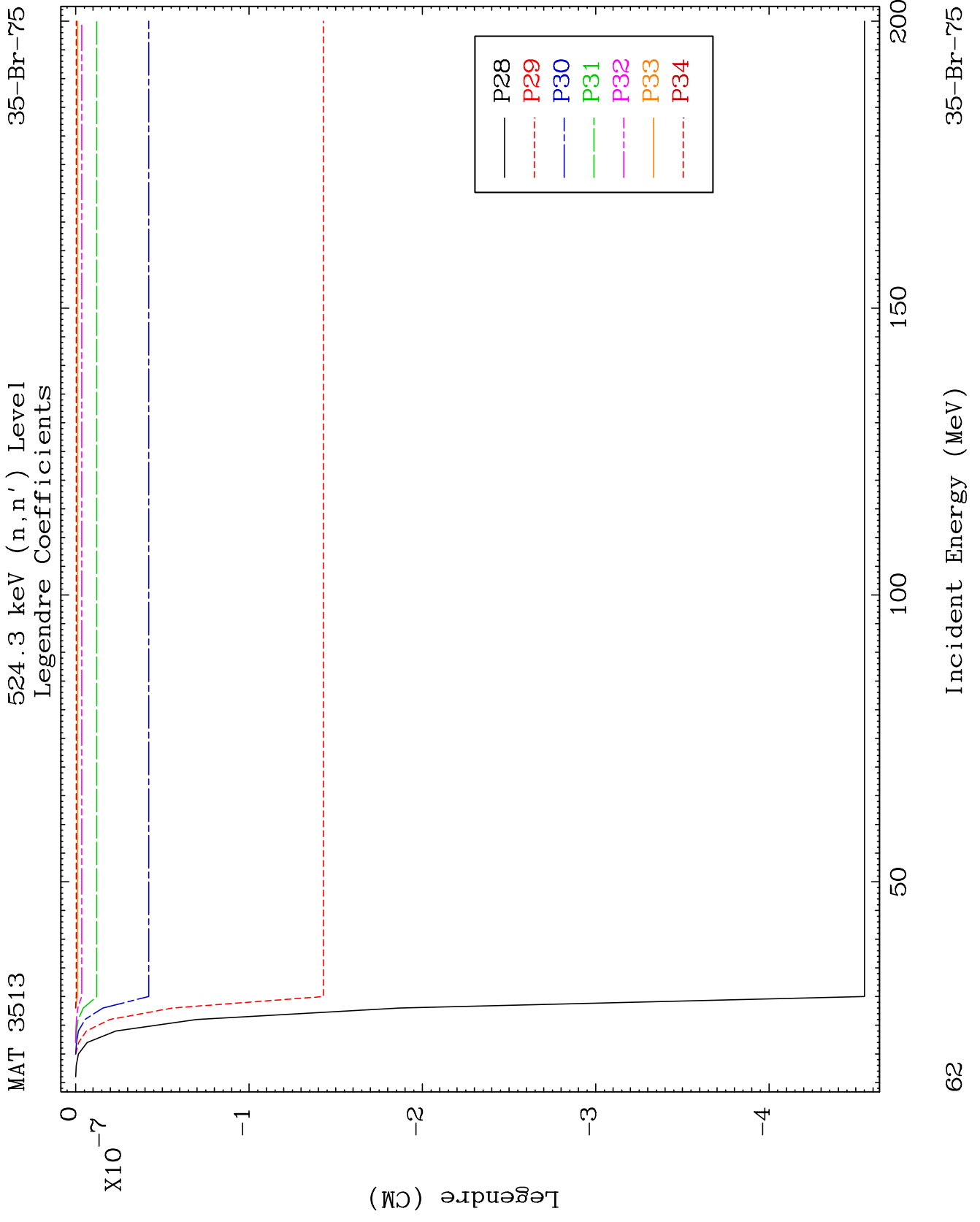
MAT 3513

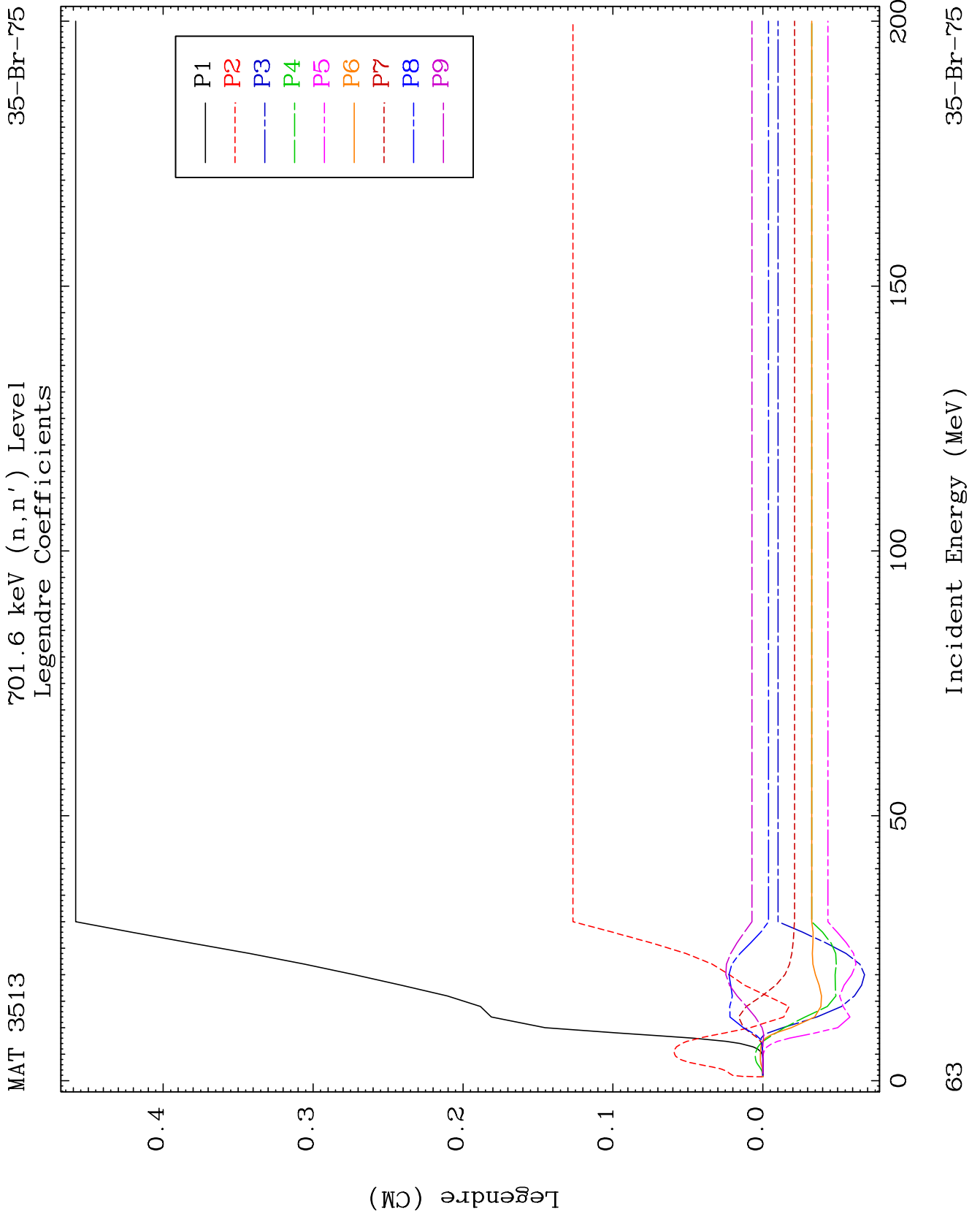
524.3 keV (n,n') Level
Legendre Coefficients

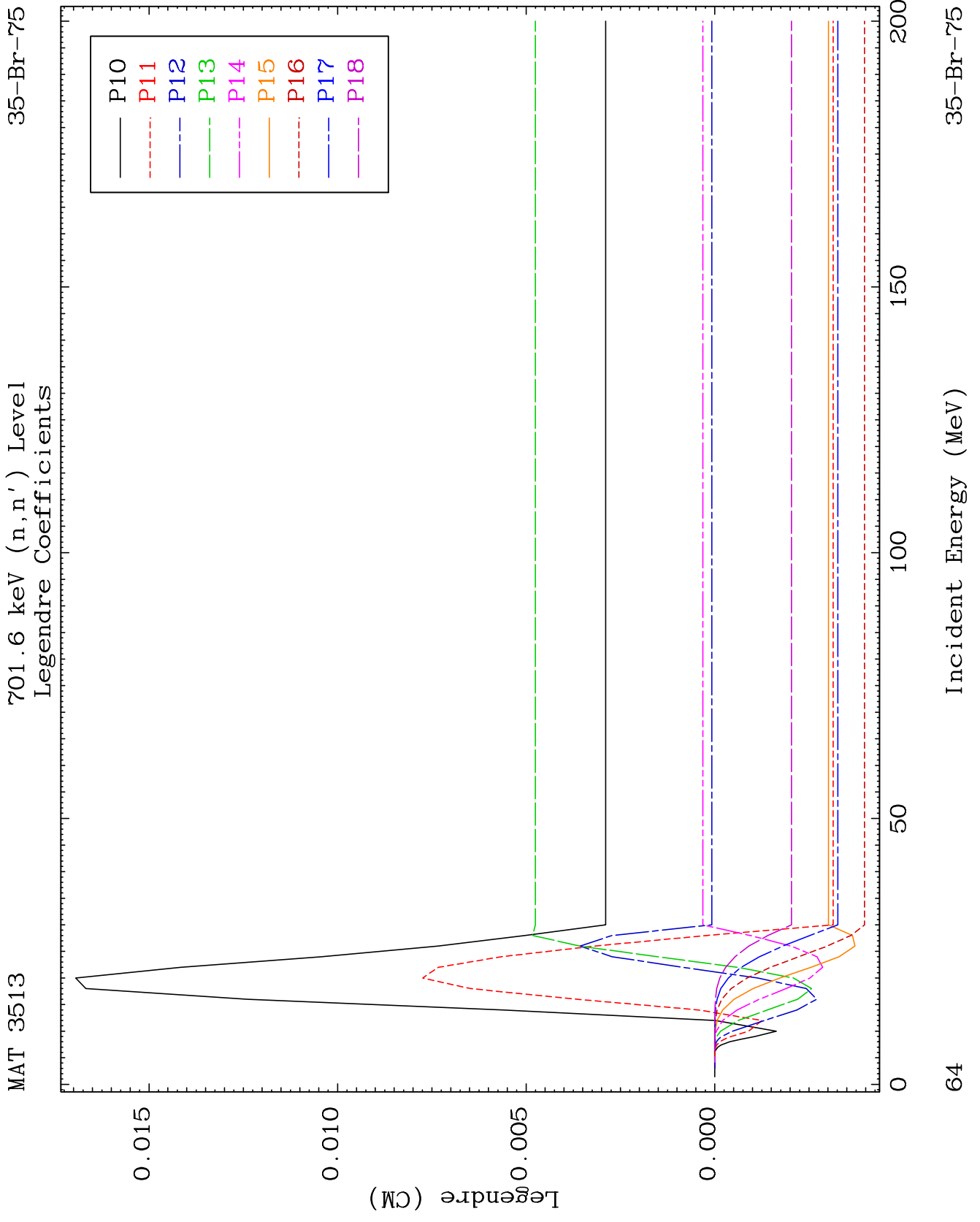
35-Br-75

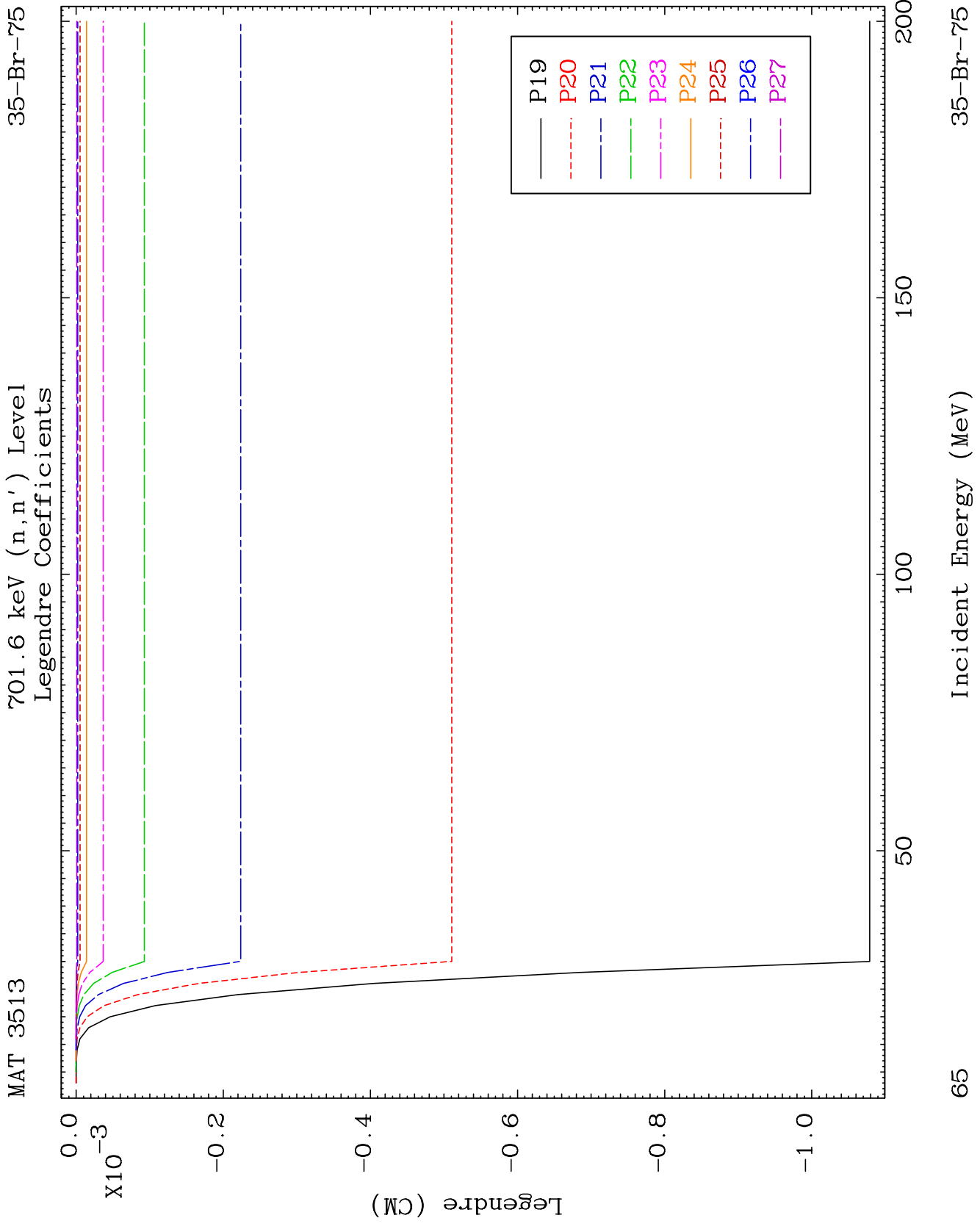


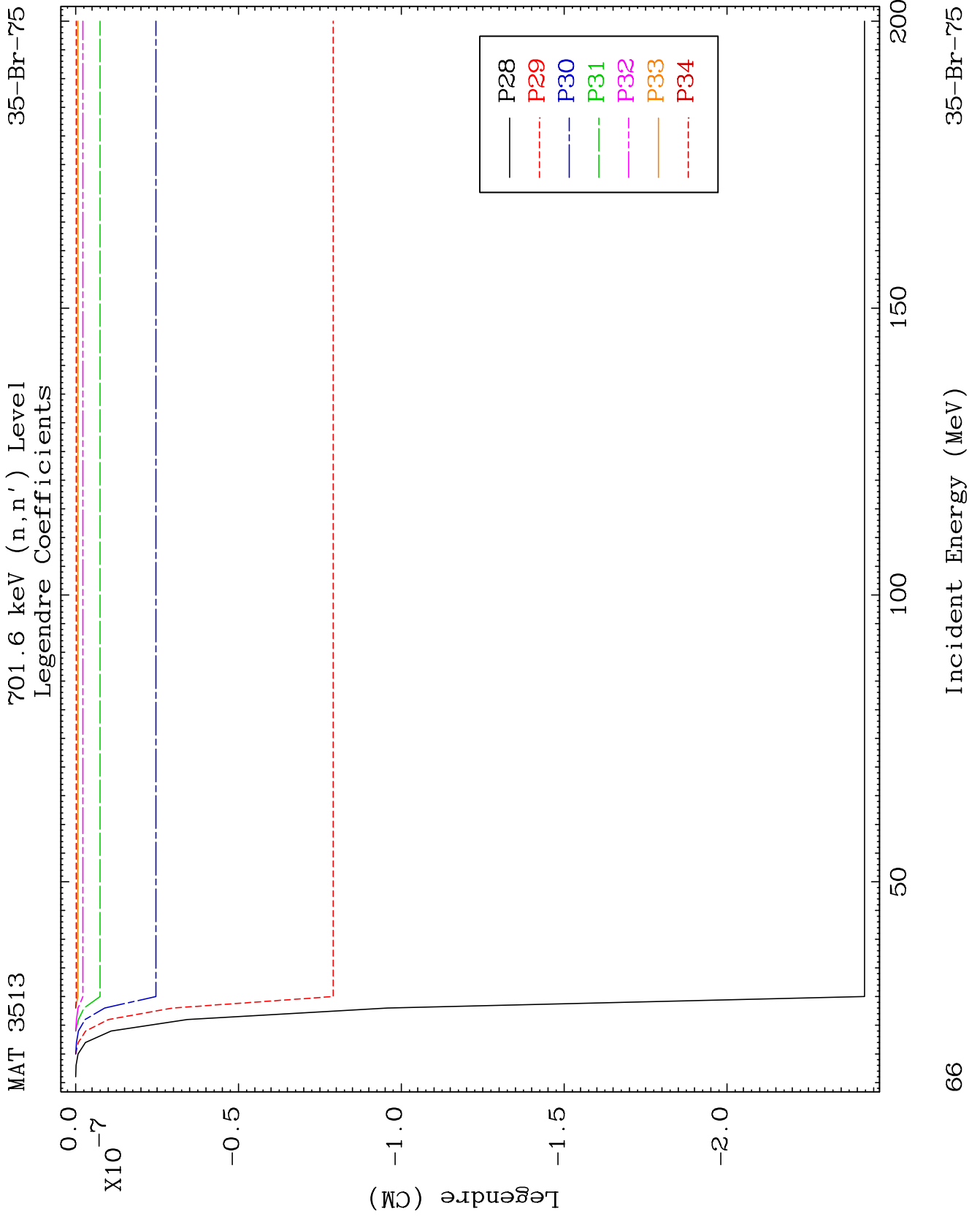








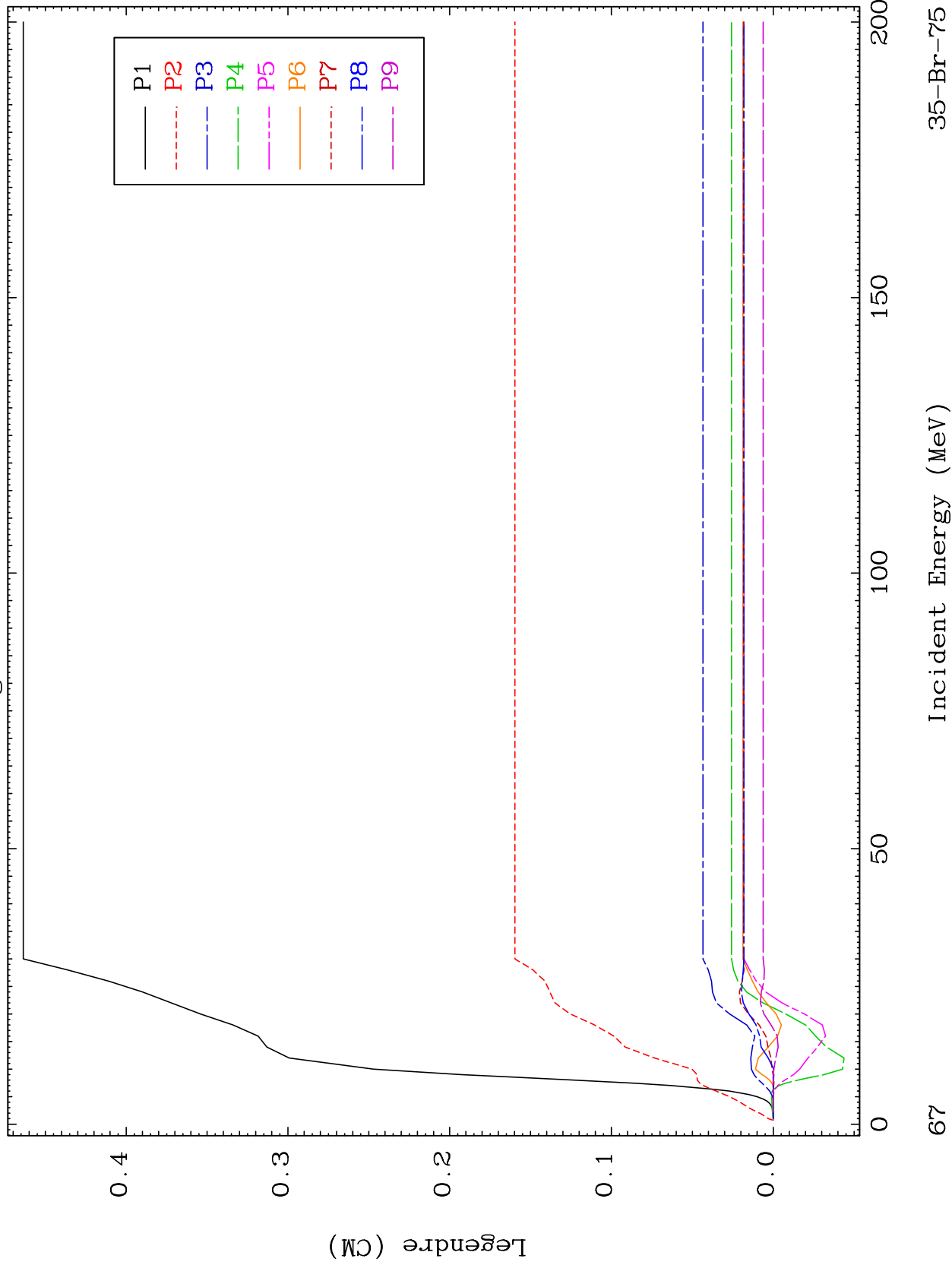




MAT 3513

735.6 keV (n,n') Level
Legendre Coefficients

35-Br-75



35-Br-75

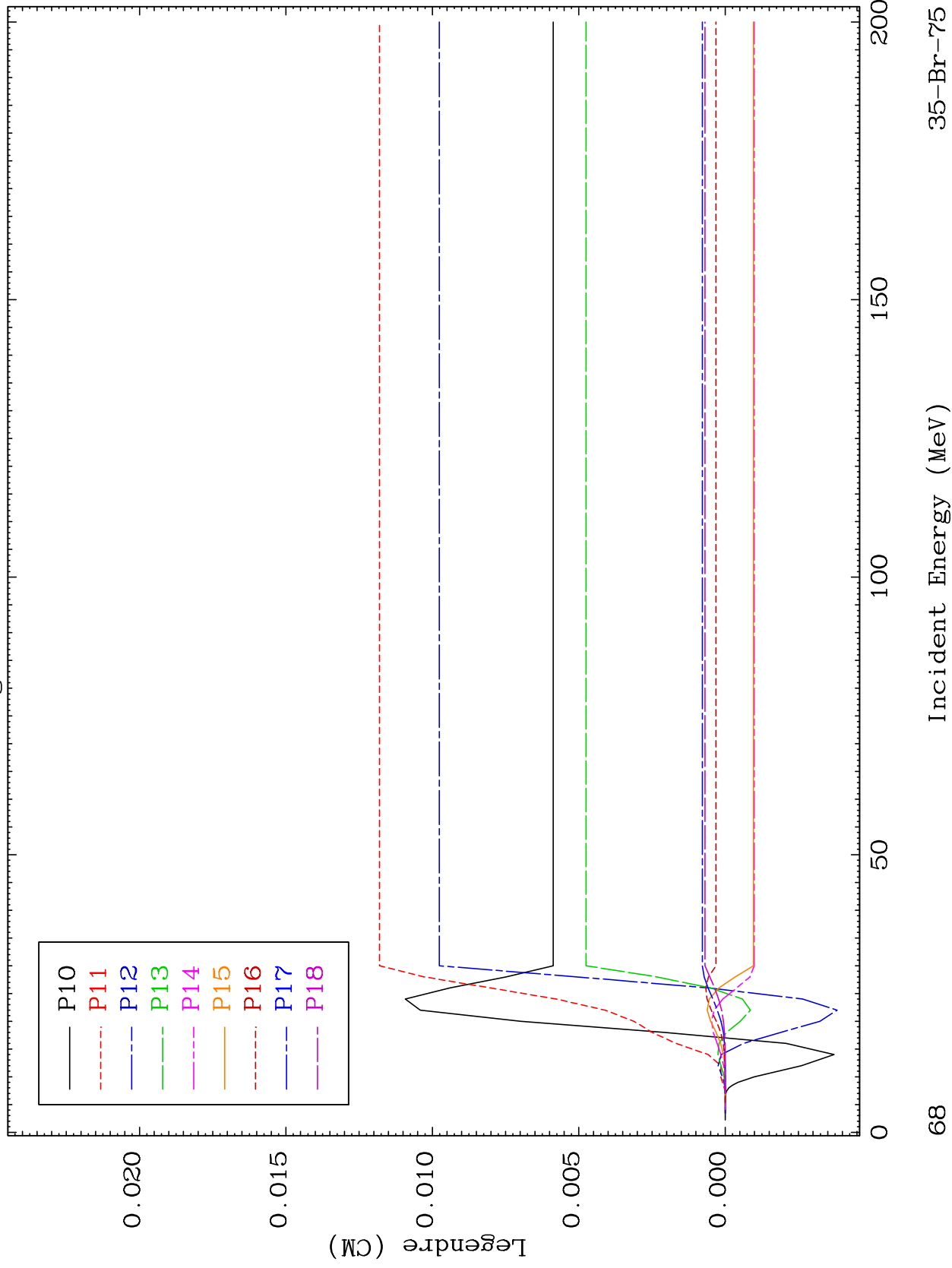
Incident Energy (MeV)

67

MAT 3513

735.6 keV (n,n') Level
Legendre Coefficients

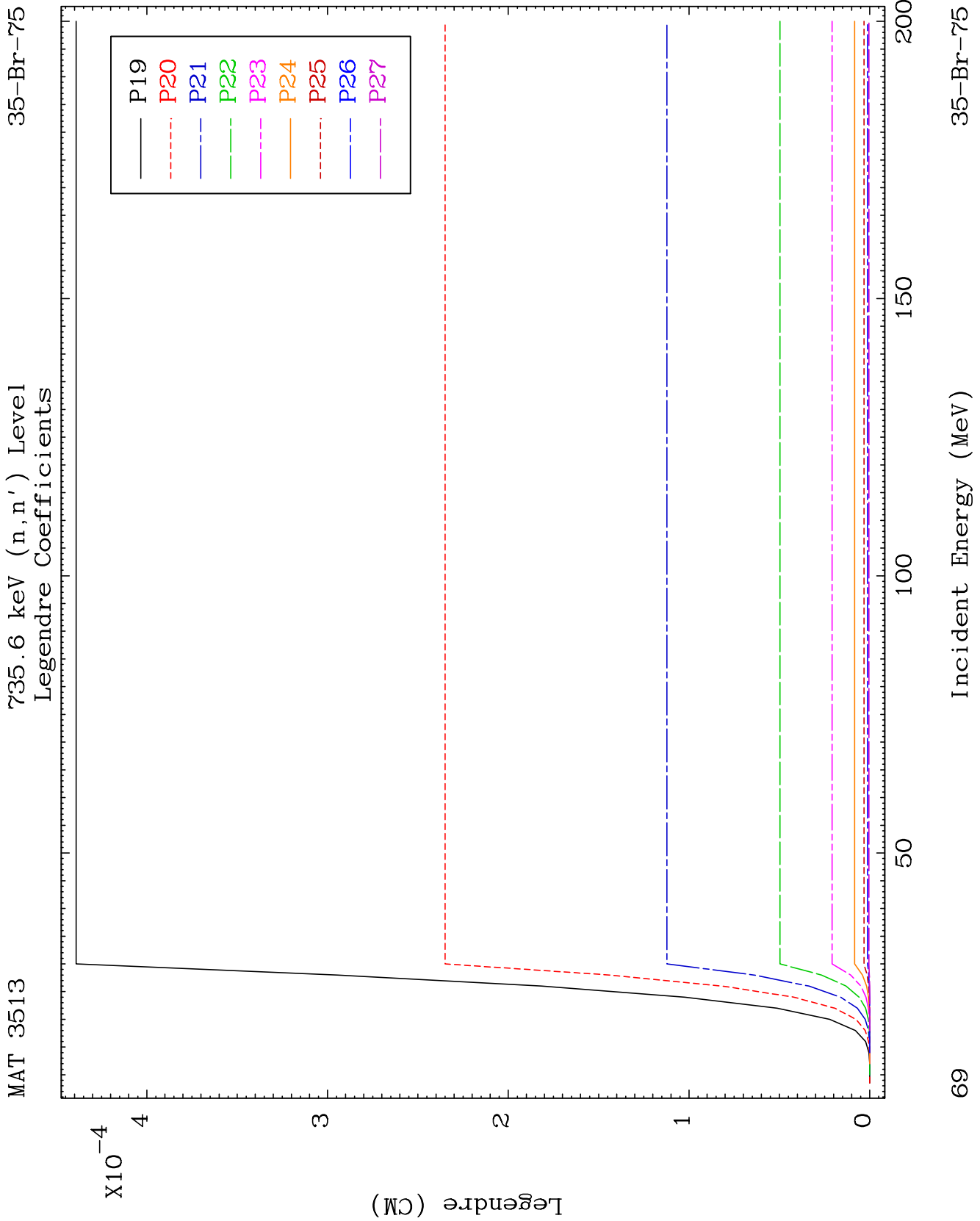
35-Br-75



68

Incident Energy (MeV)

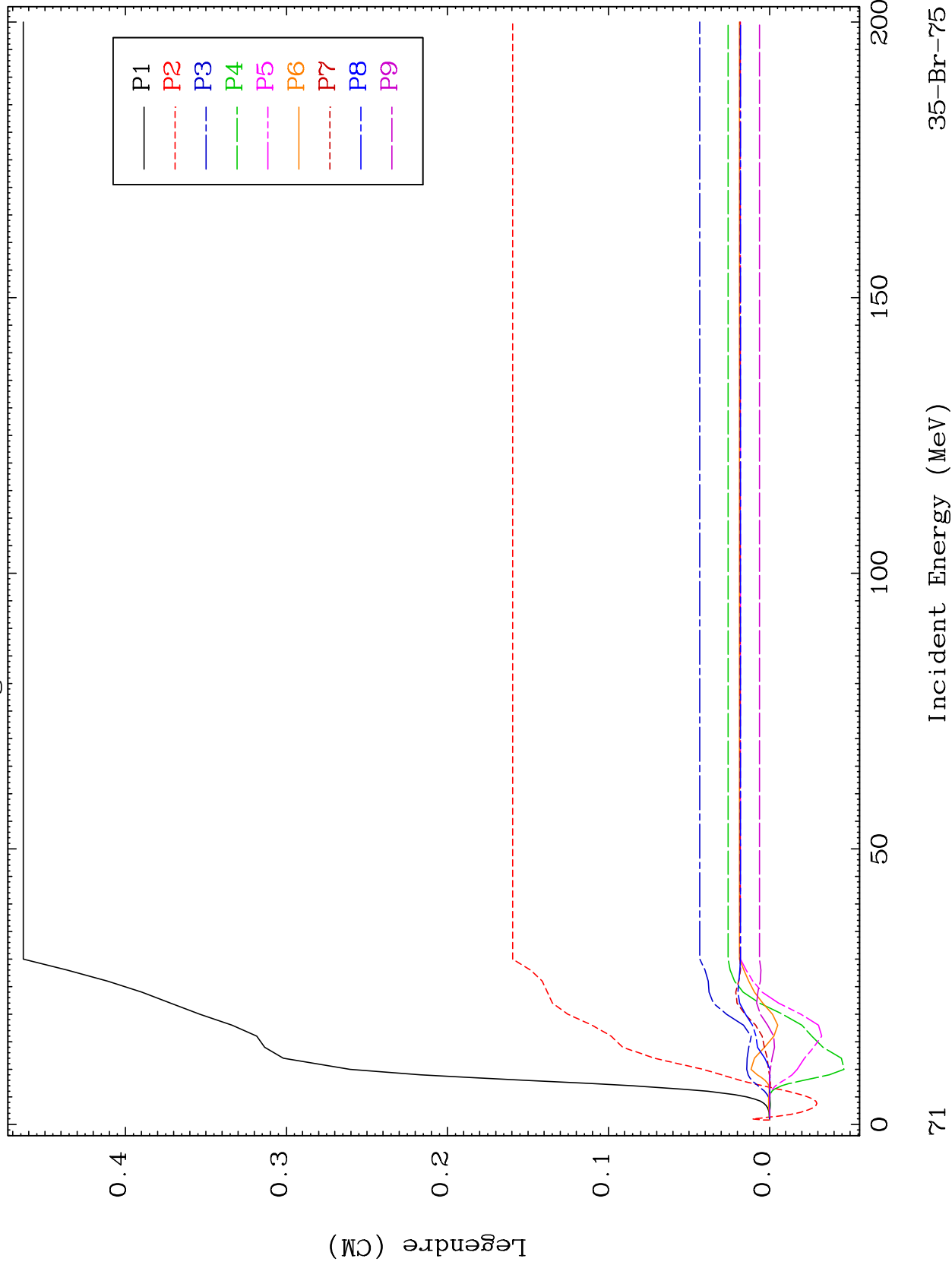
35-Br-75



MAT 3513

773.5 keV (n,n') Level
Legendre Coefficients

35-Br-75



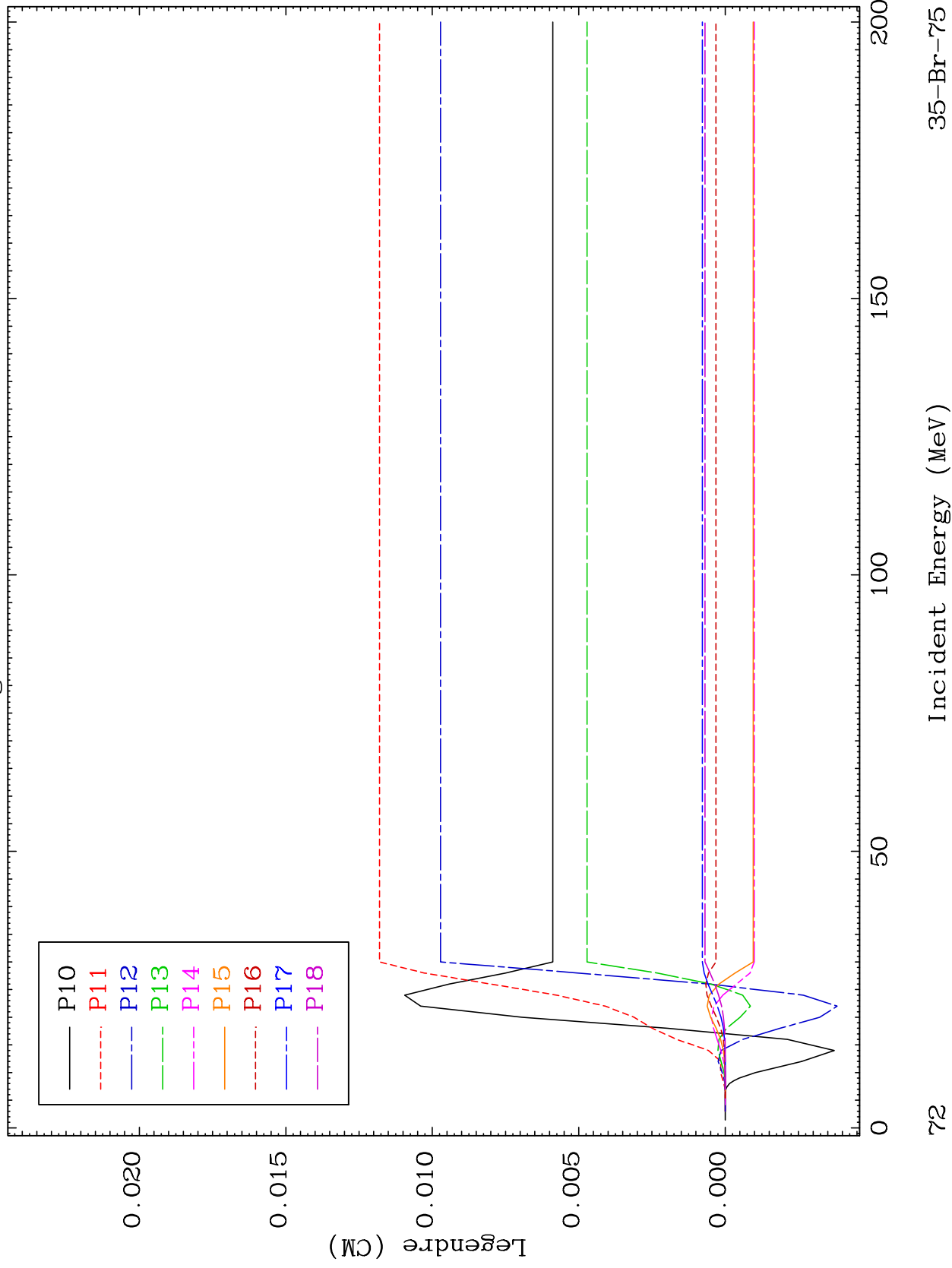
71

35-Br-75

MAT 3513

773.5 keV (n,n') Level
Legendre Coefficients

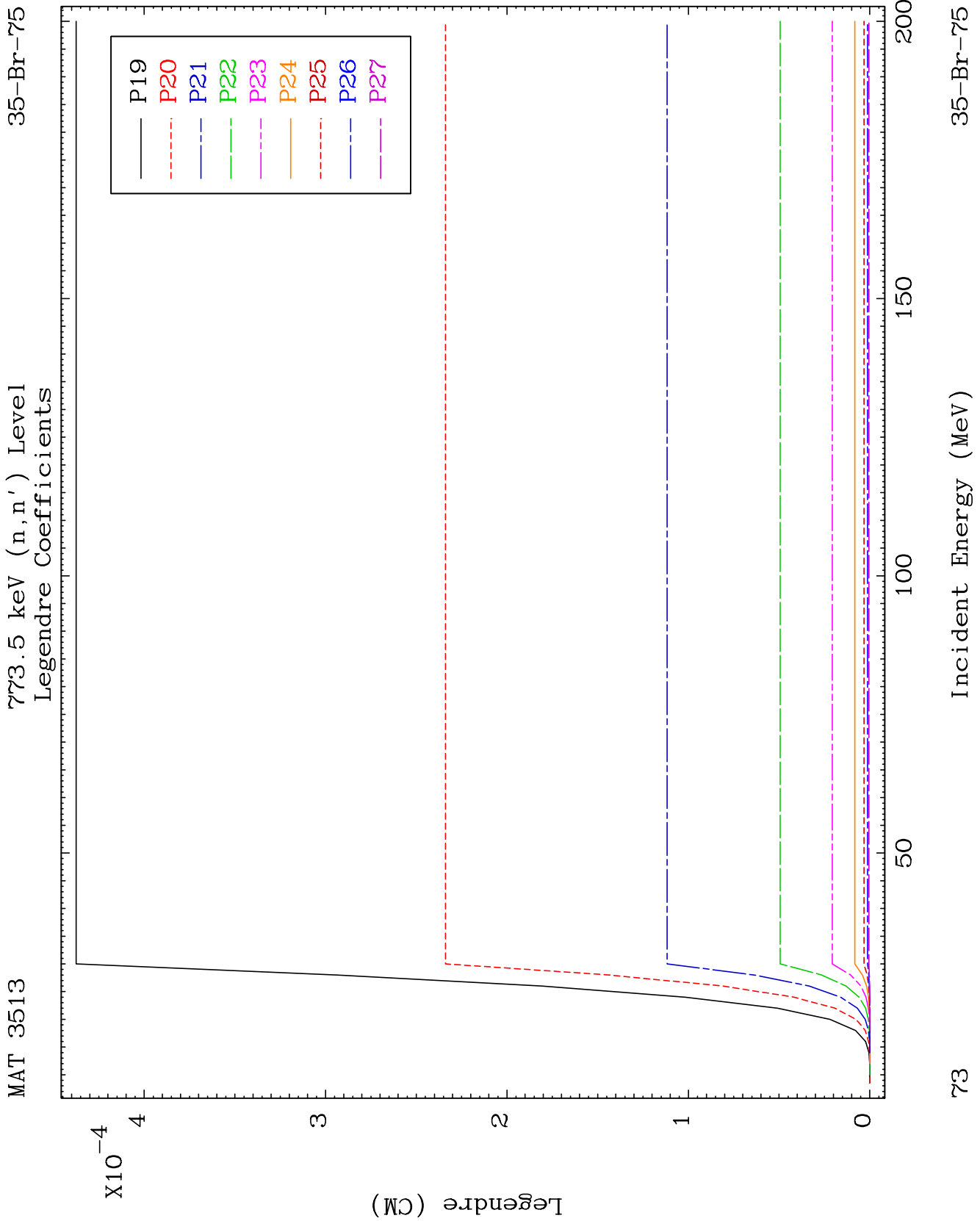
35-Br-75

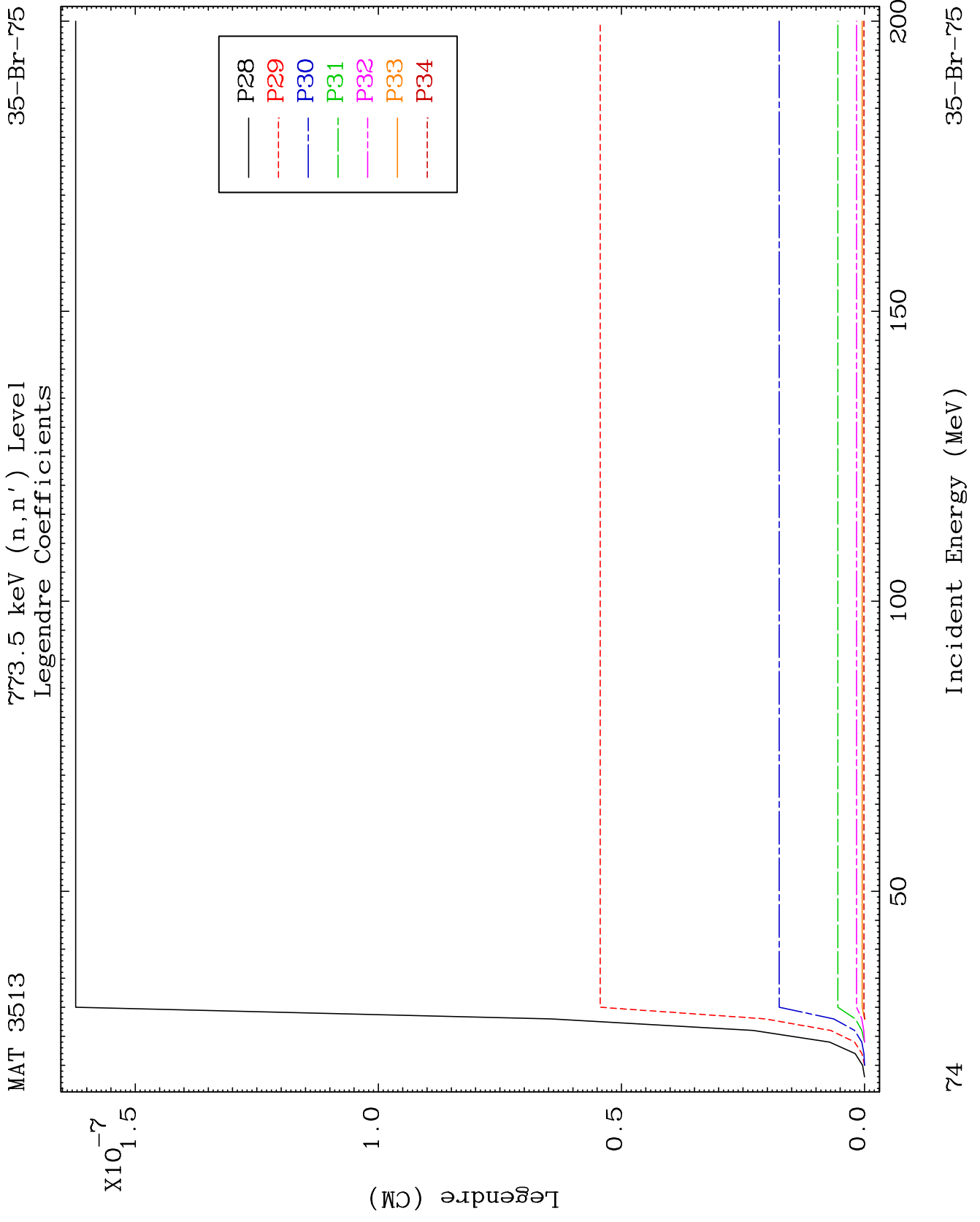


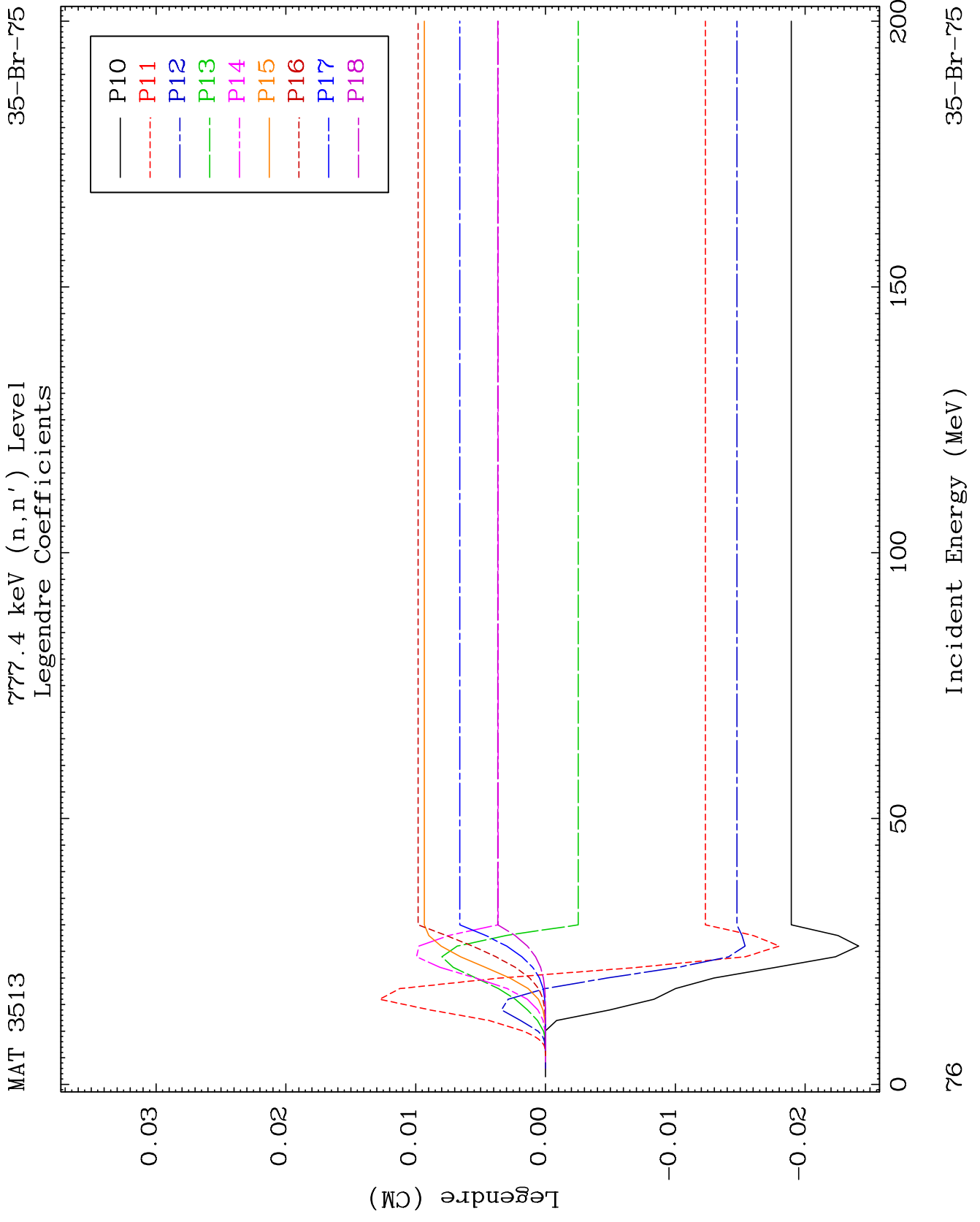
72

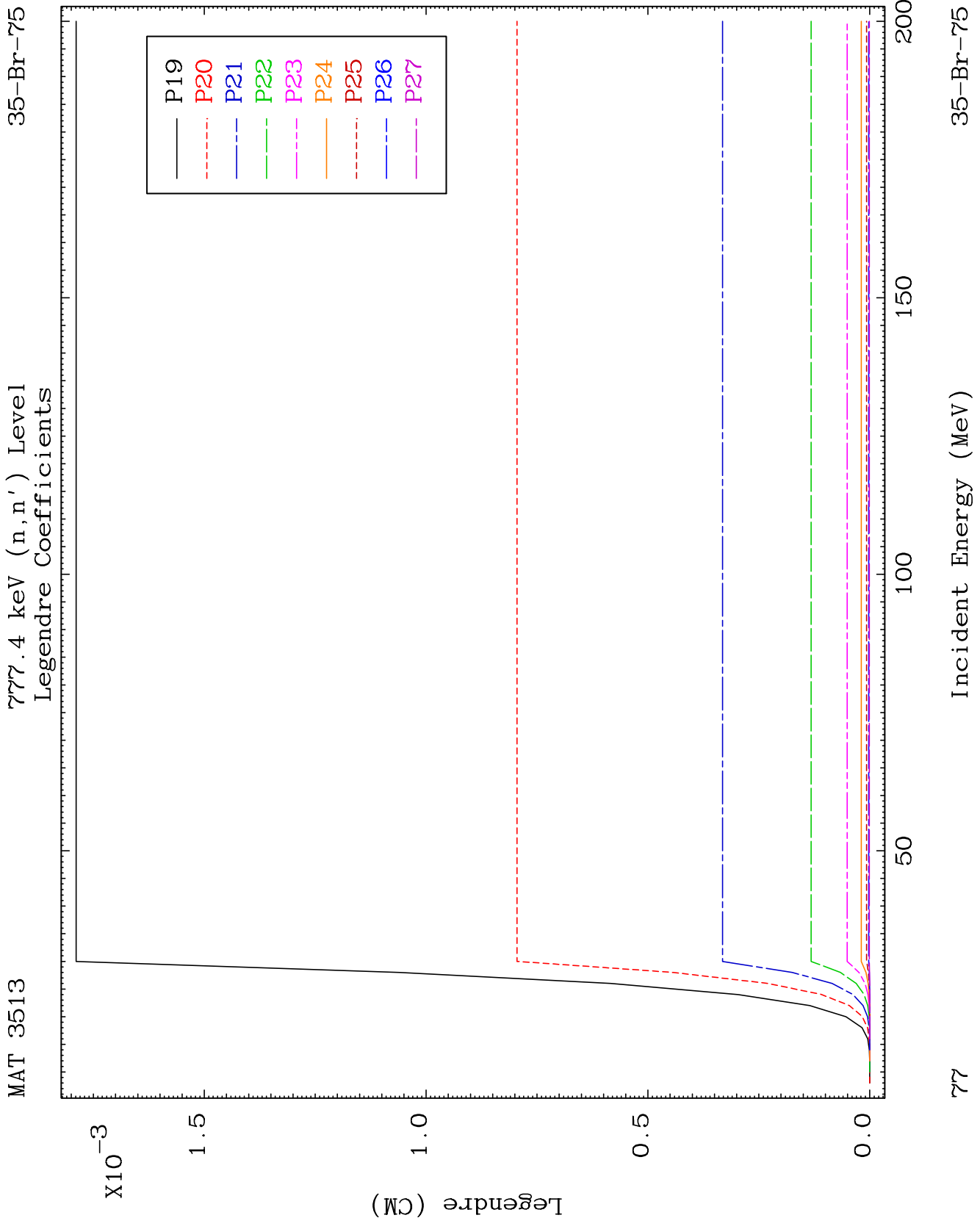
Incident Energy (MeV)

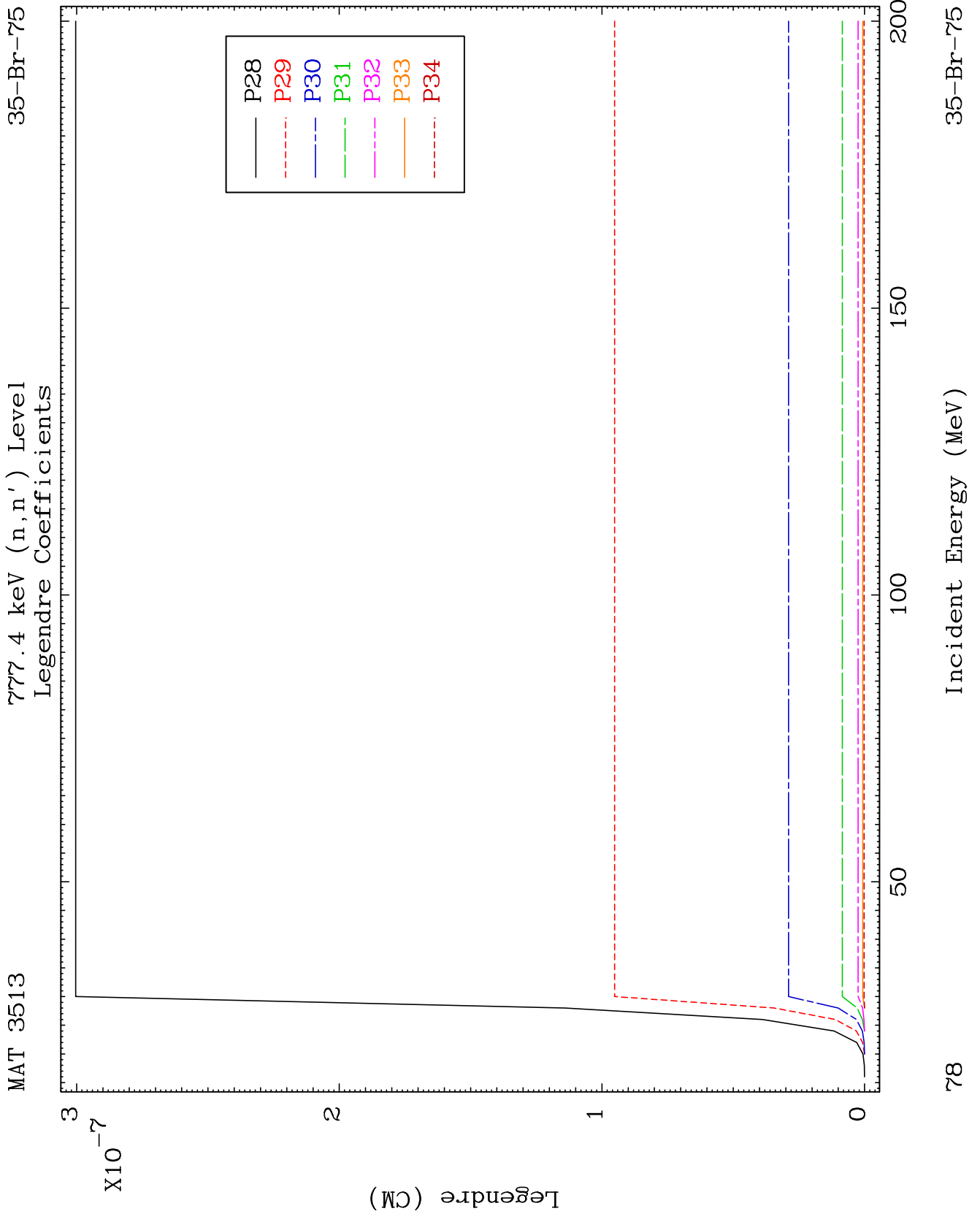
35-Br-75

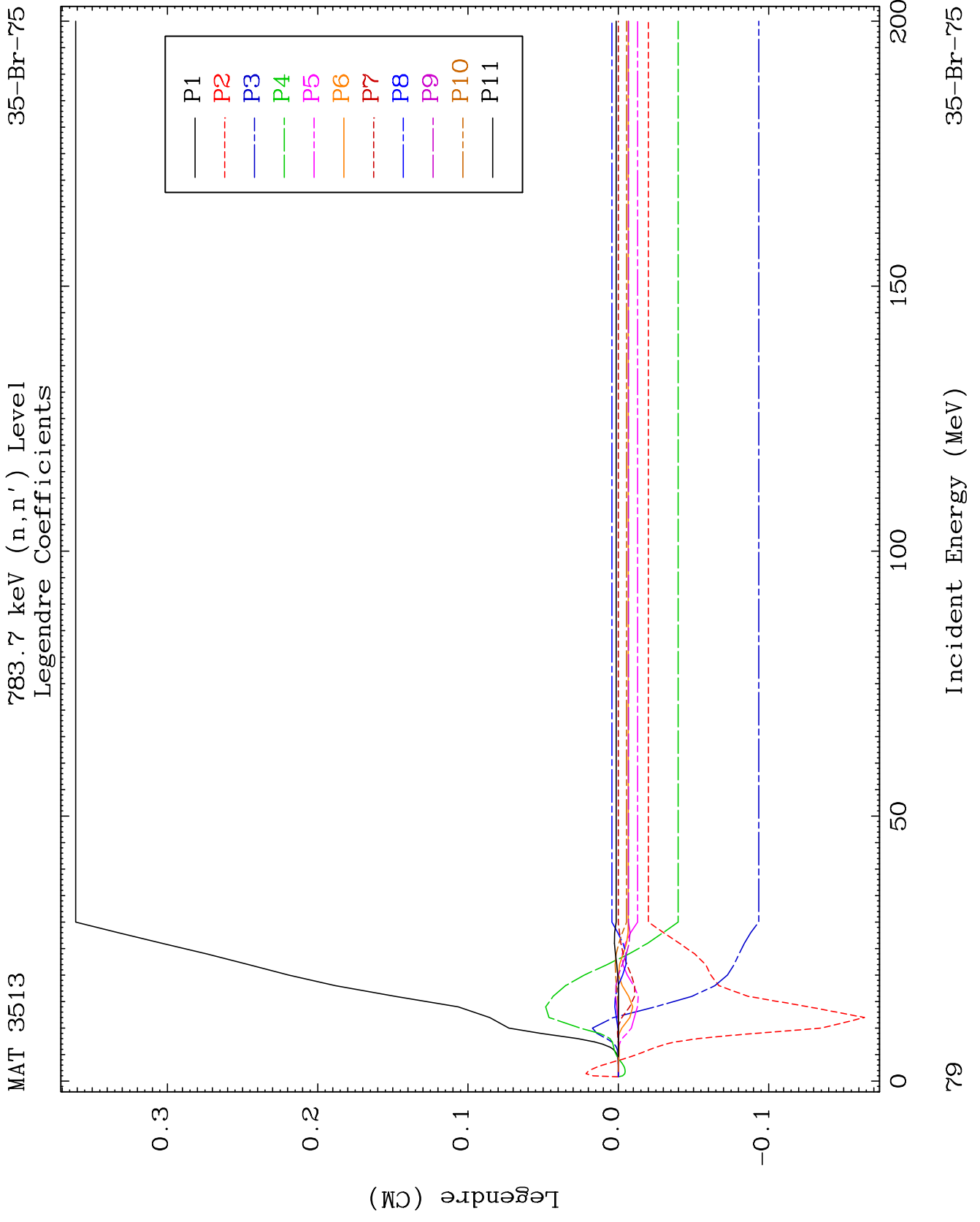








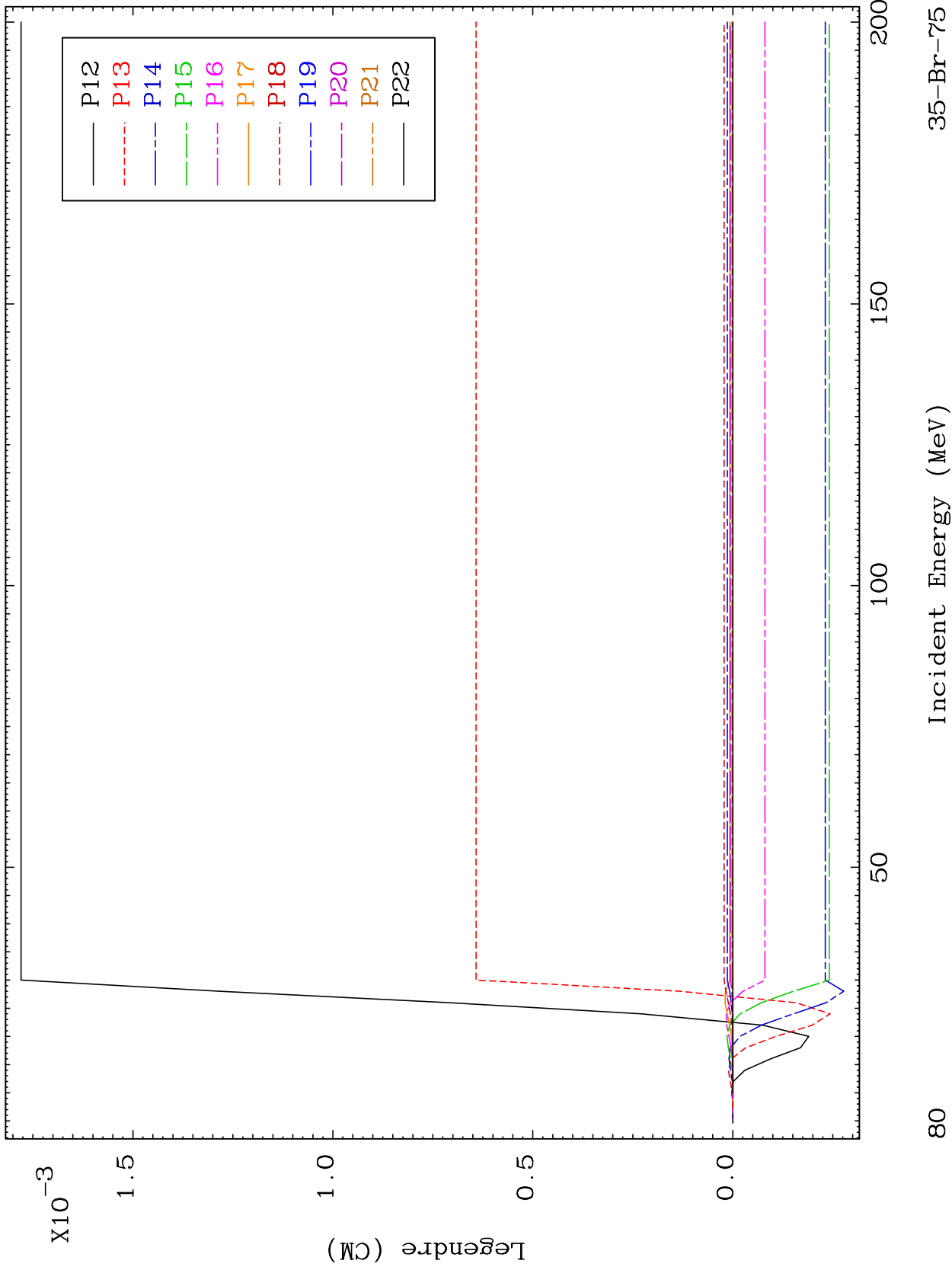




MAT 3513

783.7 keV (n,n') Level
Legendre Coefficients

35-Br-75



80

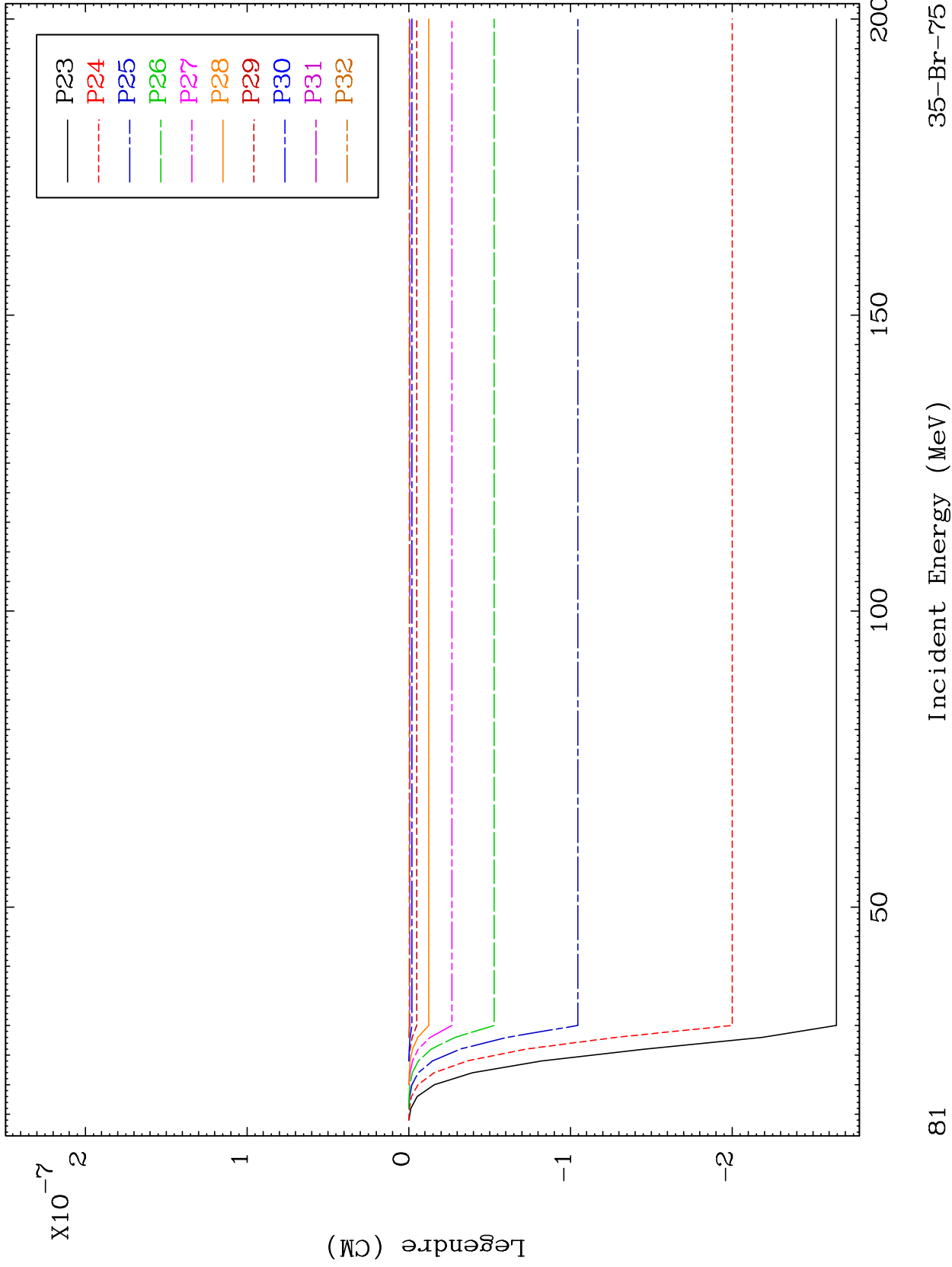
Incident Energy (MeV)

35-Br-75

MAT 3513

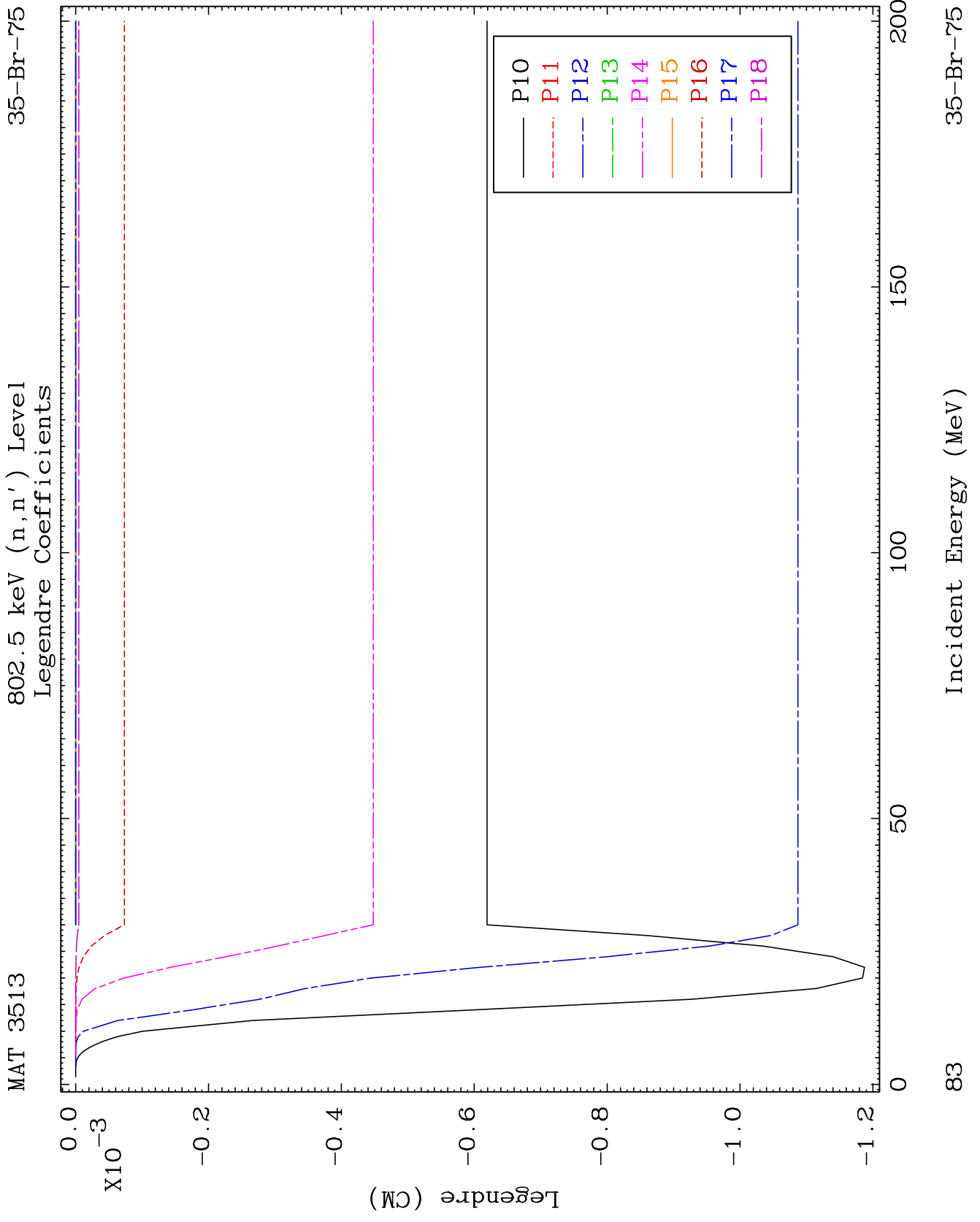
783.7 keV (n,n') Level
Legendre Coefficients

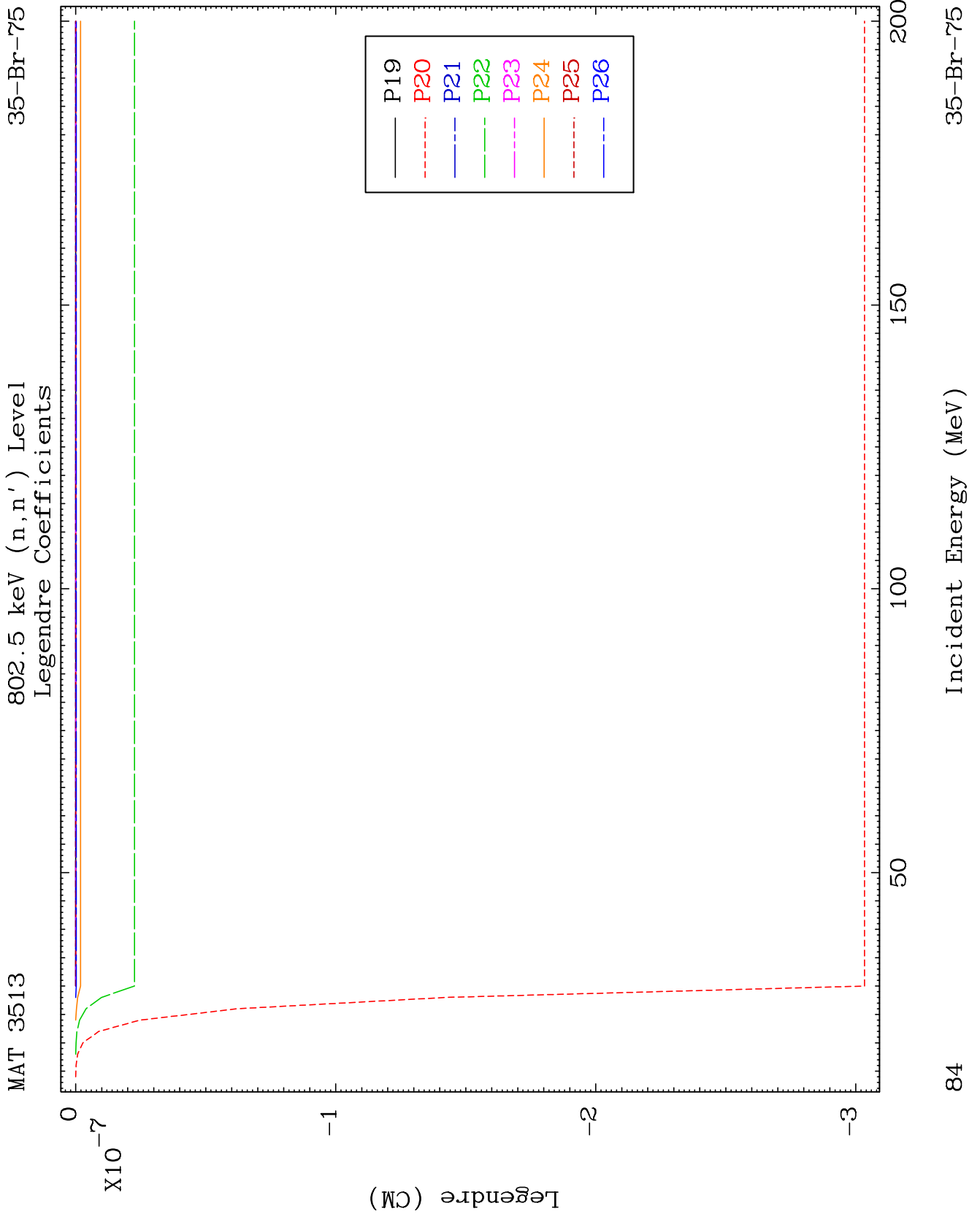
35-Br-75

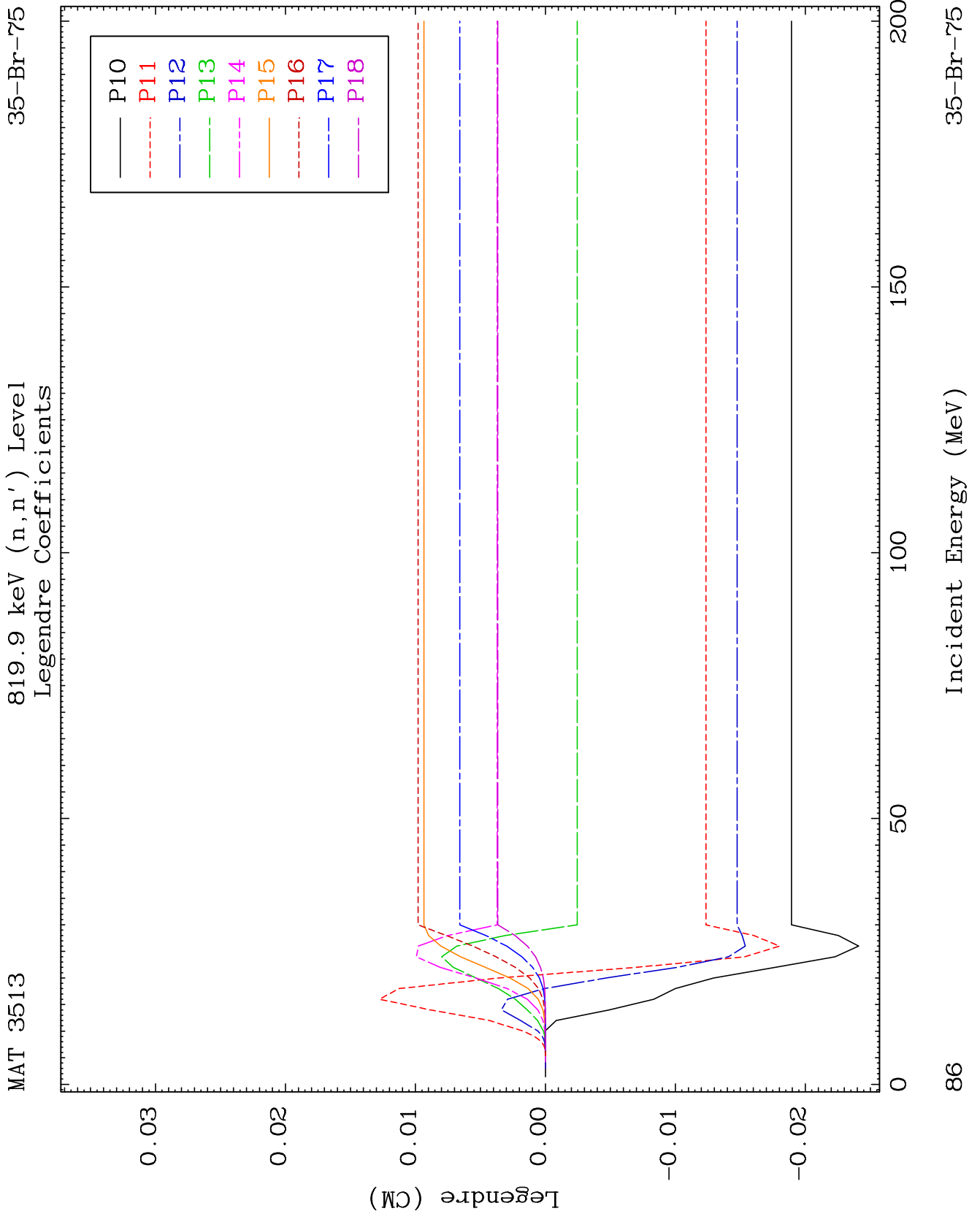


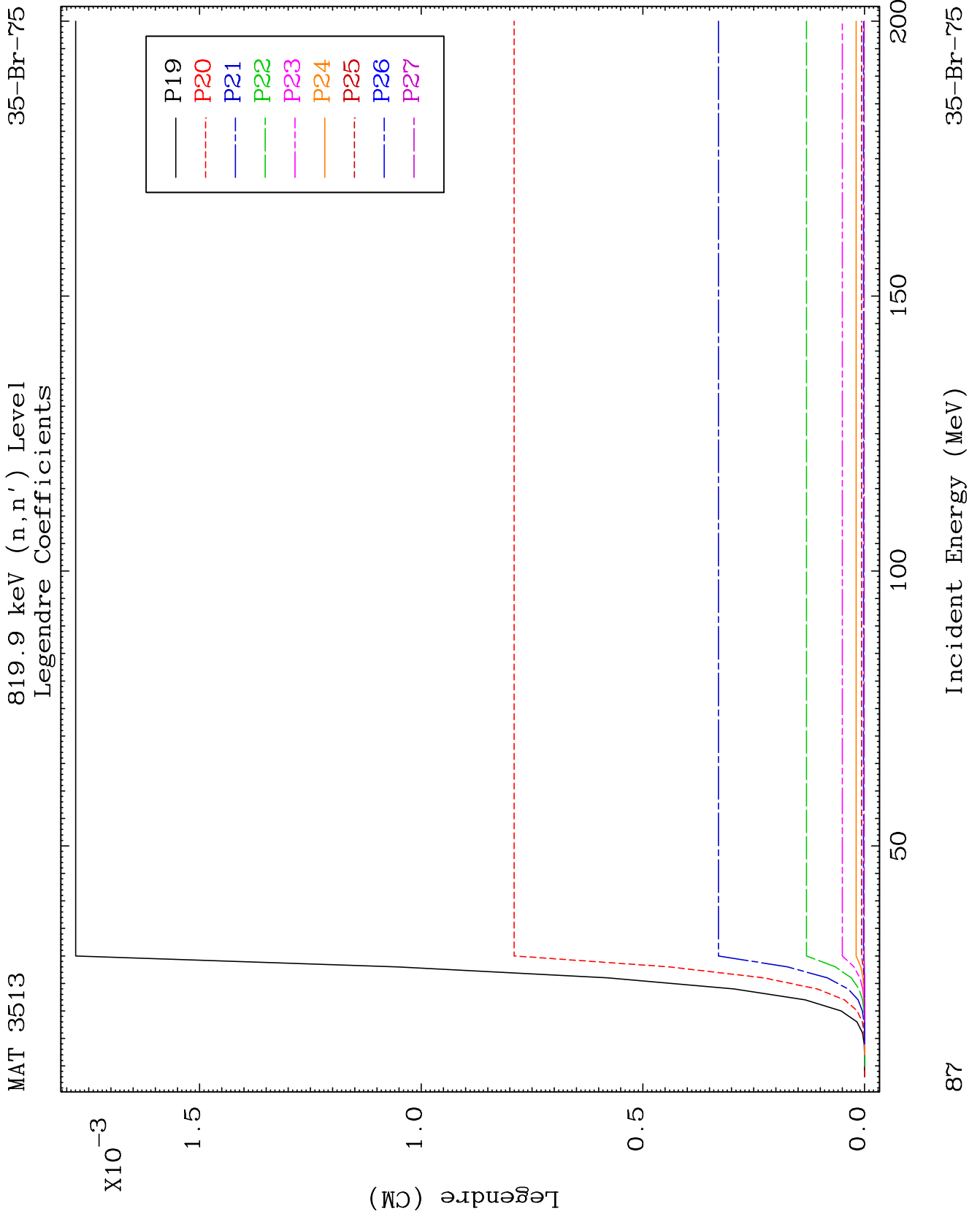
81

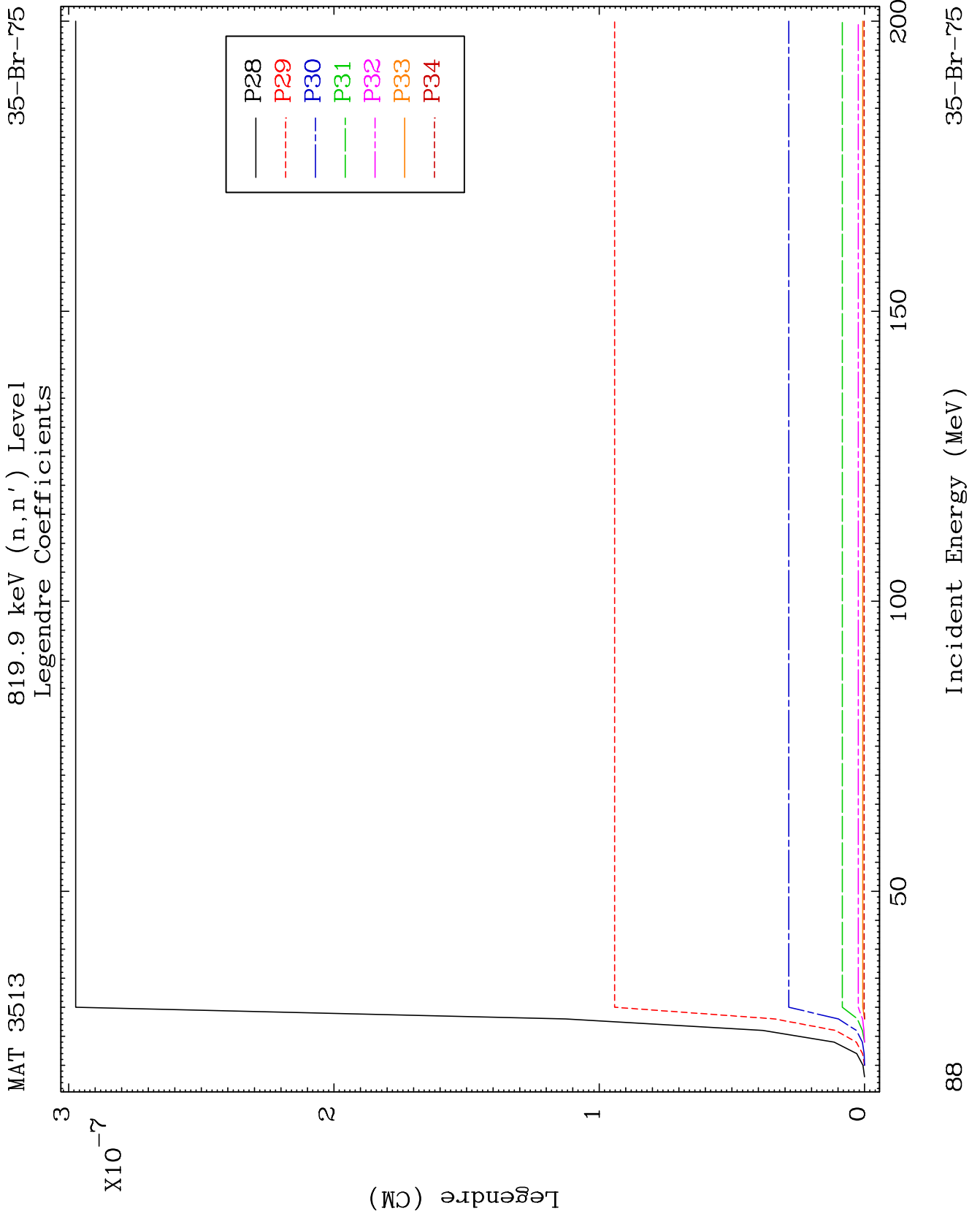
35-Br-75

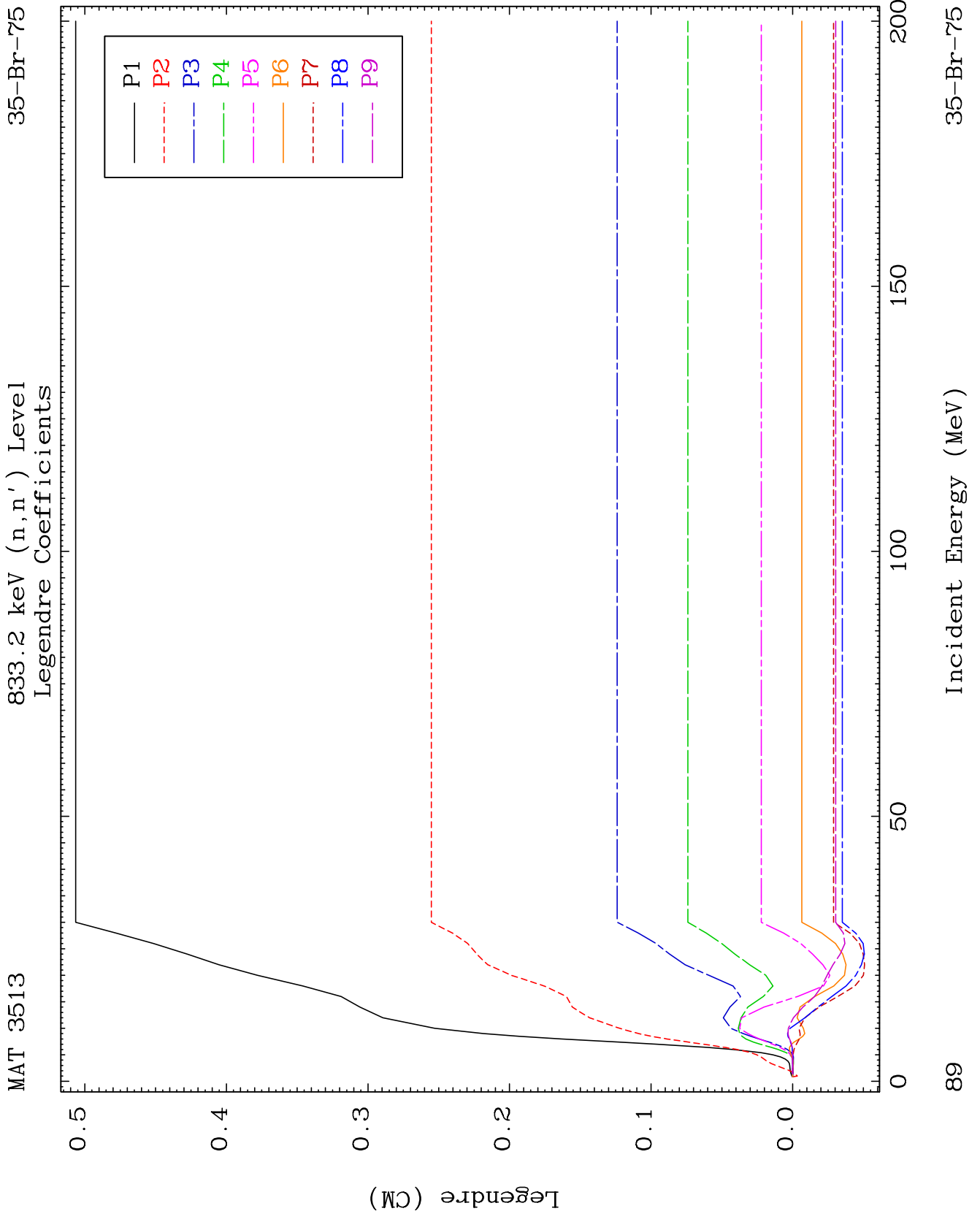








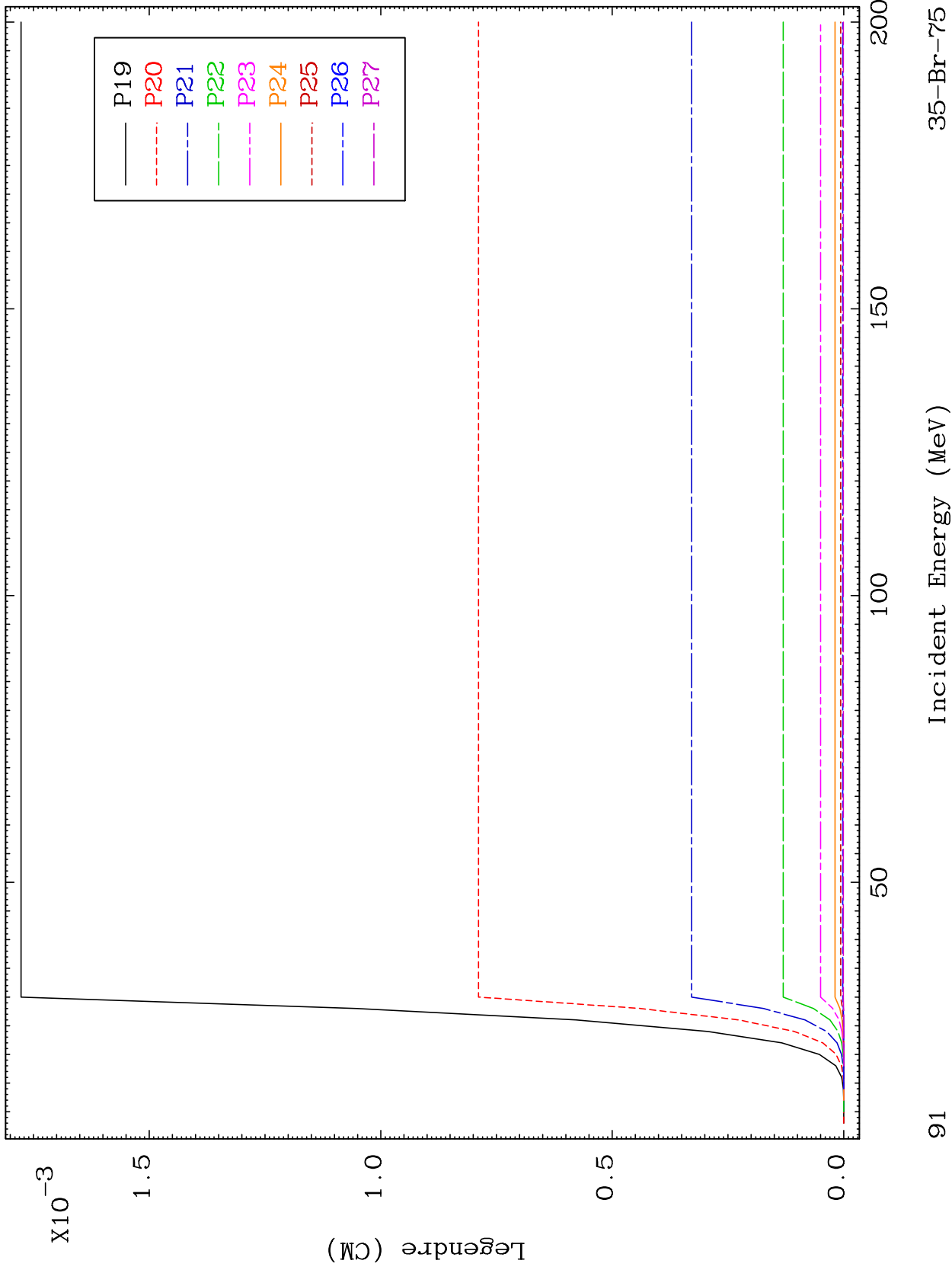


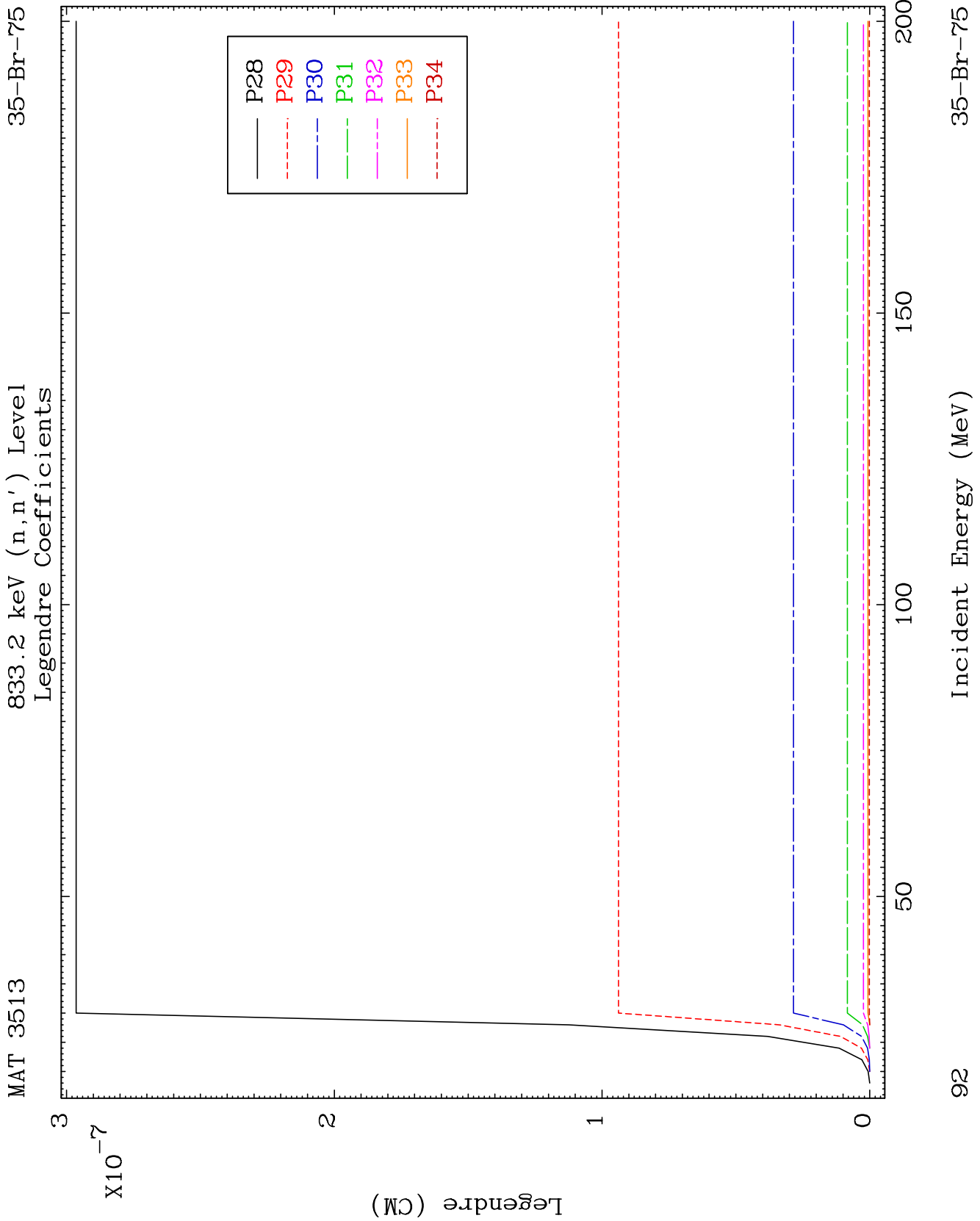


MAT 3513

833.2 keV (n,n') Level
Legendre Coefficients

35-Br-75

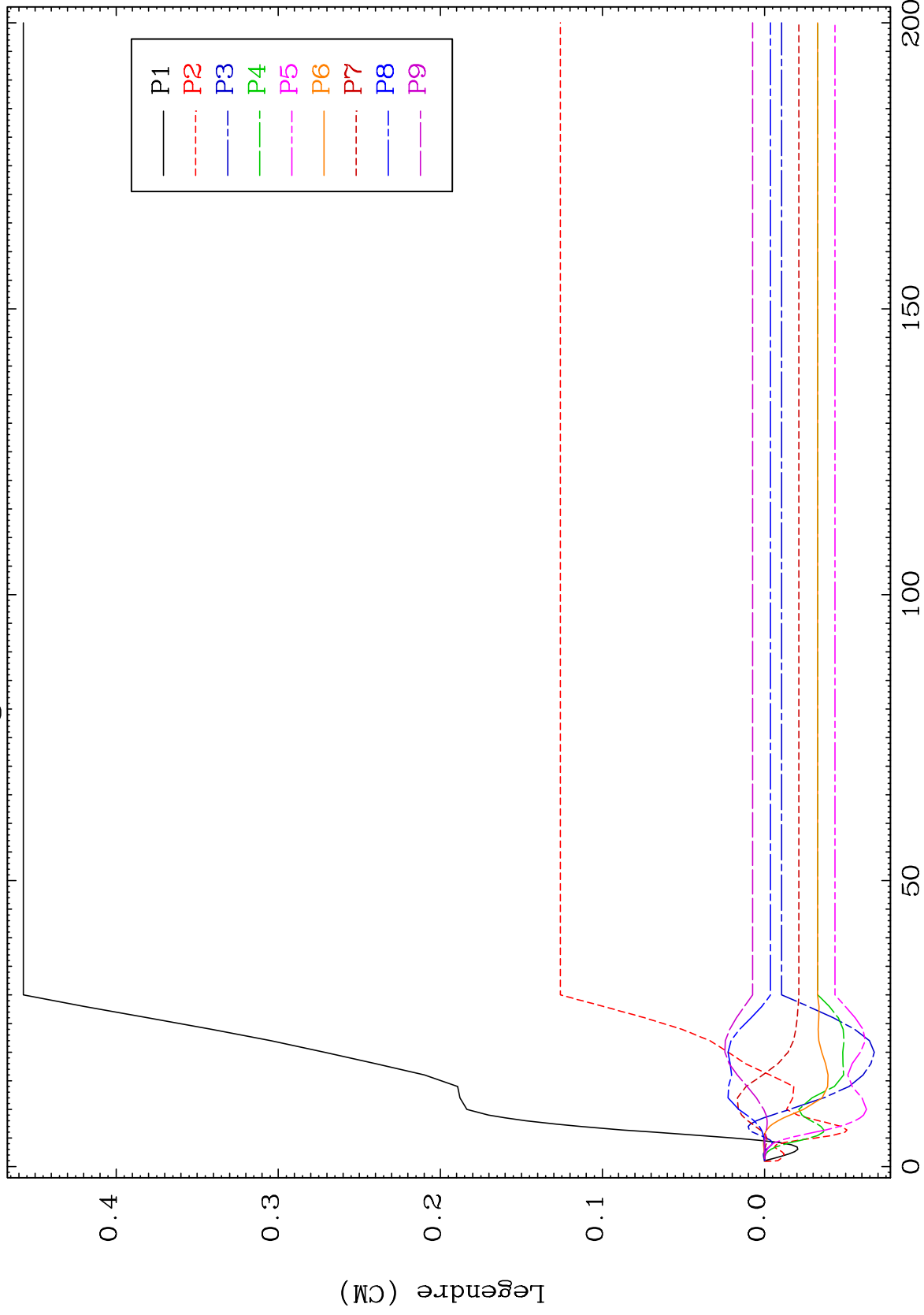




MAT 3513

847.8 keV (n,n') Level
Legendre Coefficients

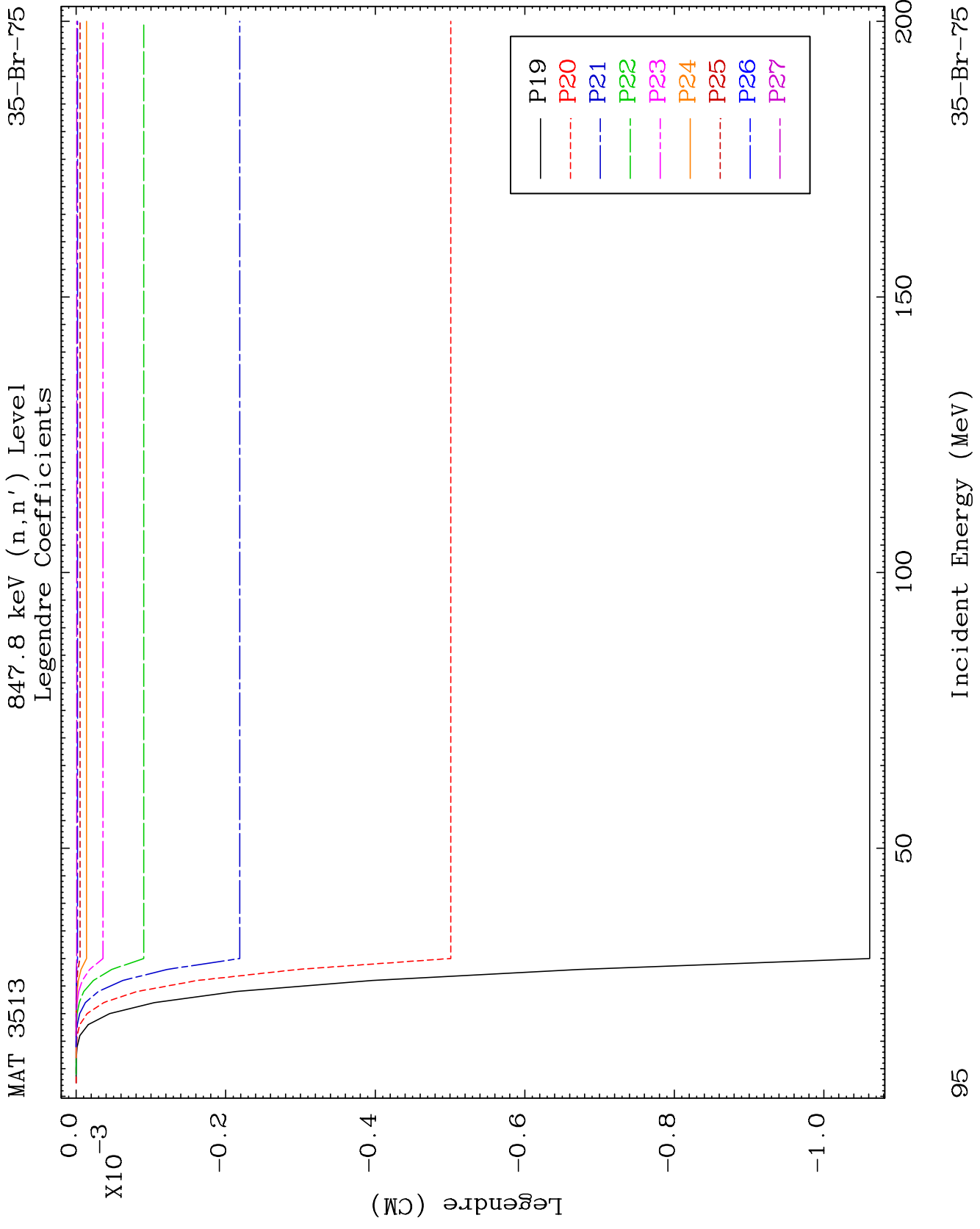
35-Br-75

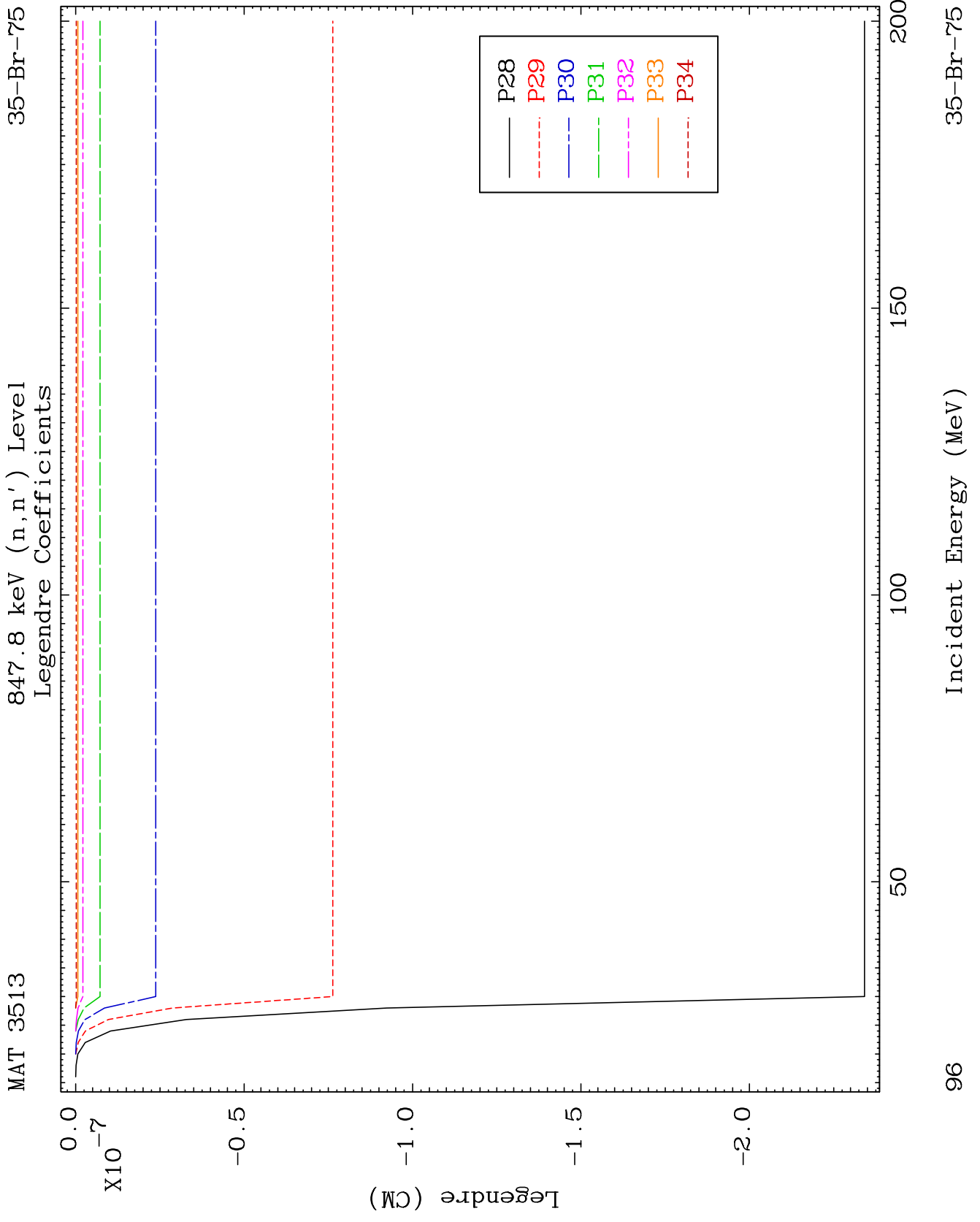


93

Incident Energy (MeV)

35-Br-75

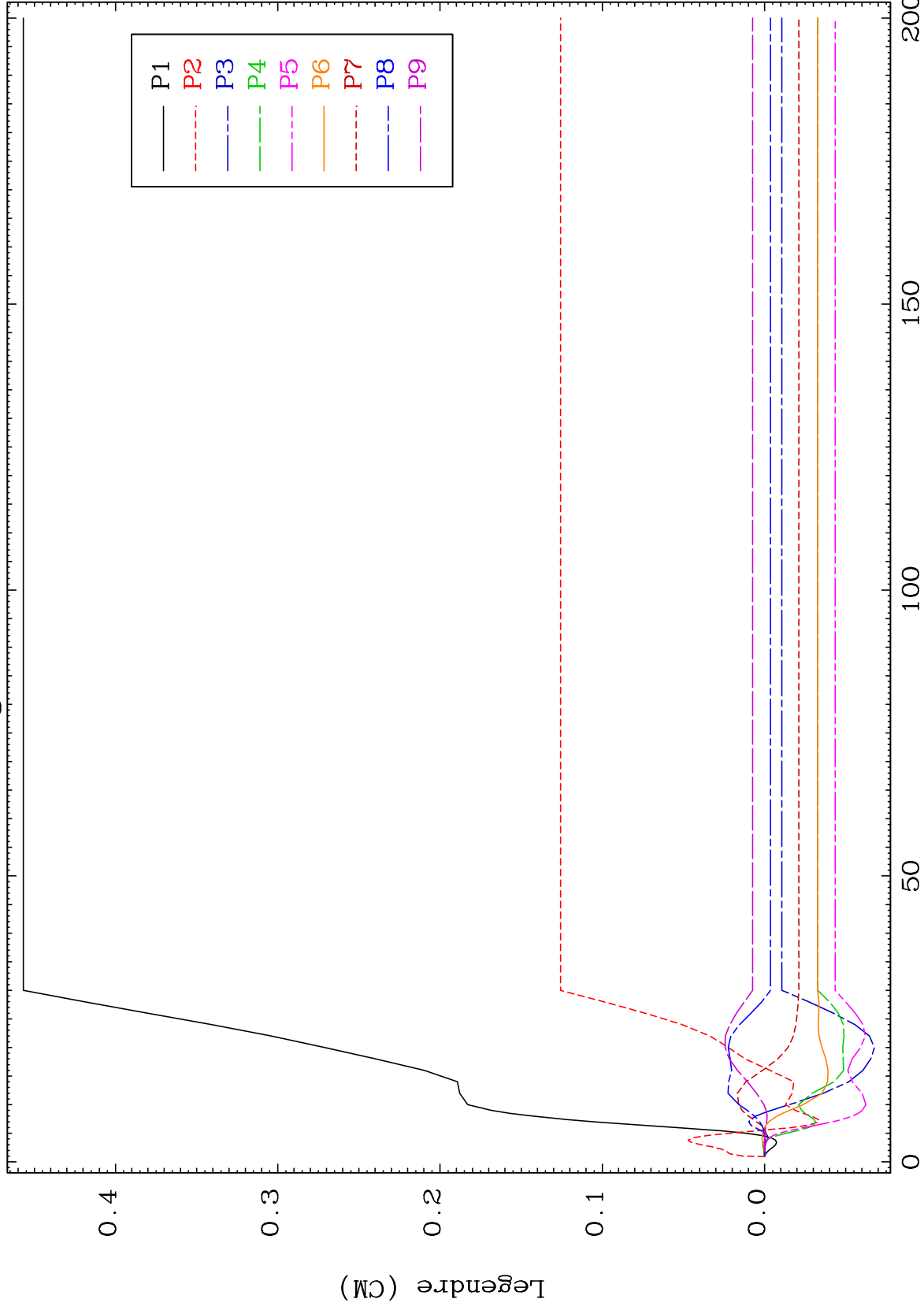




MAT 3513

901.5 keV (n,n') Level
Legendre Coefficients

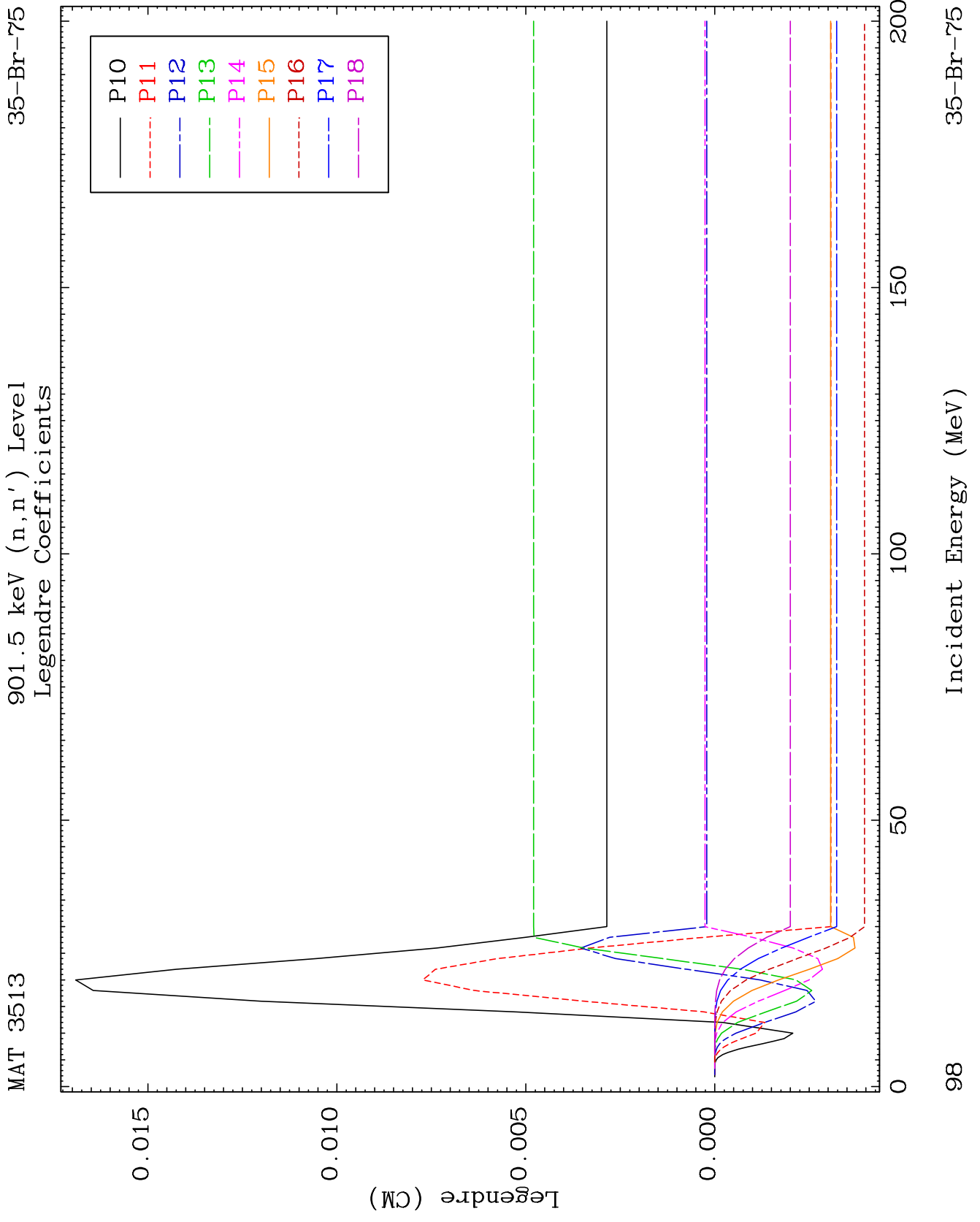
35-Br-75

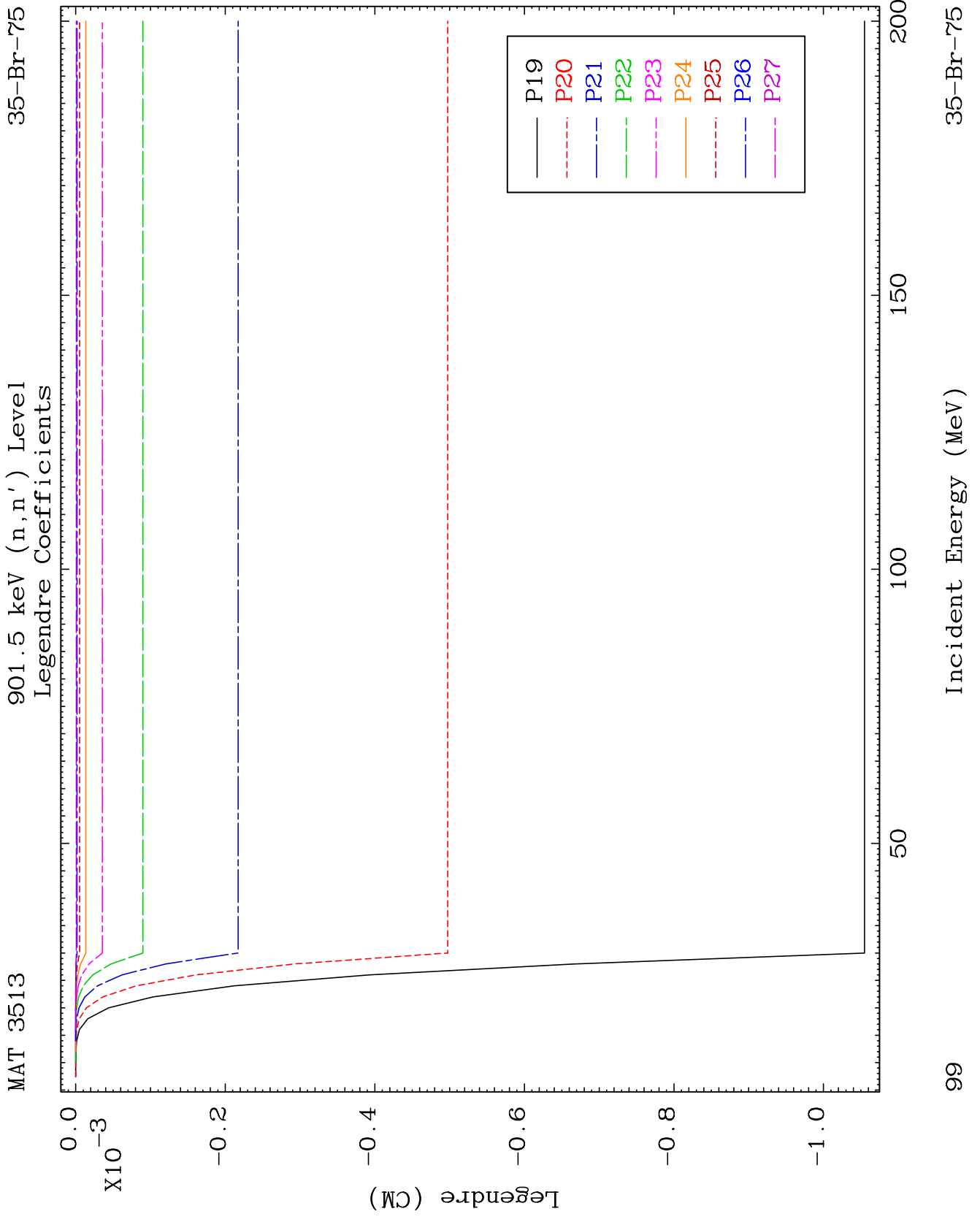


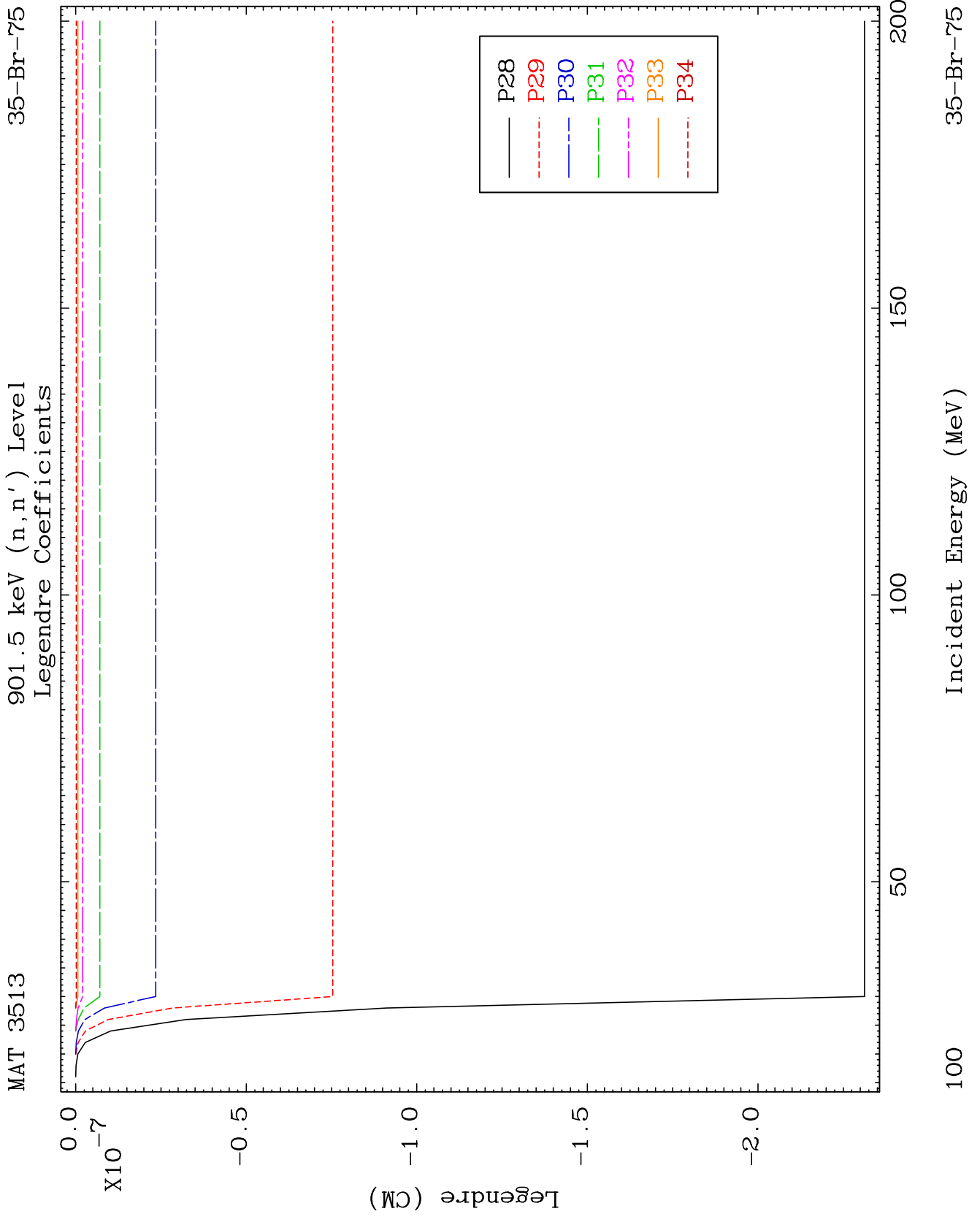
97

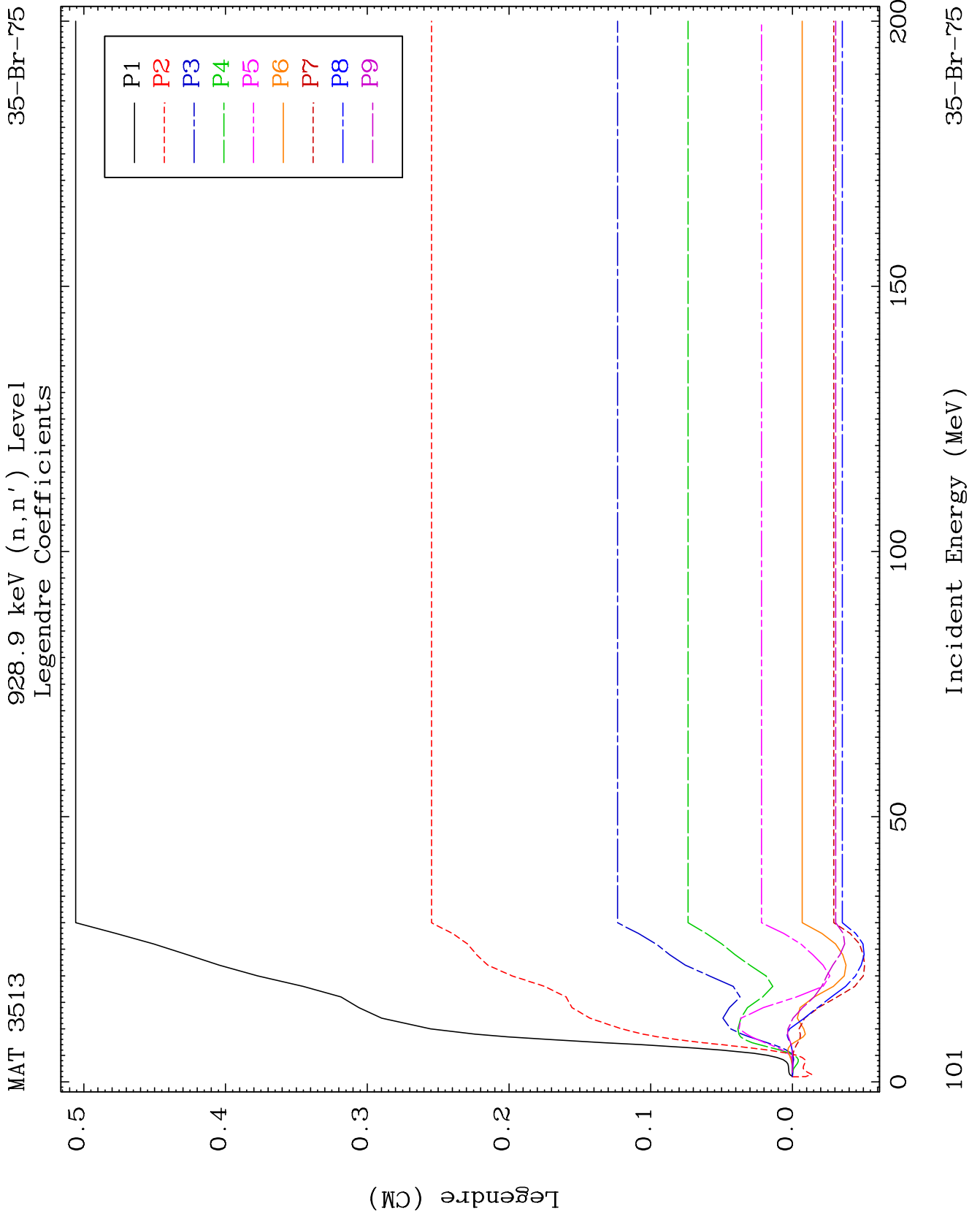
Incident Energy (MeV)

35-Br-75





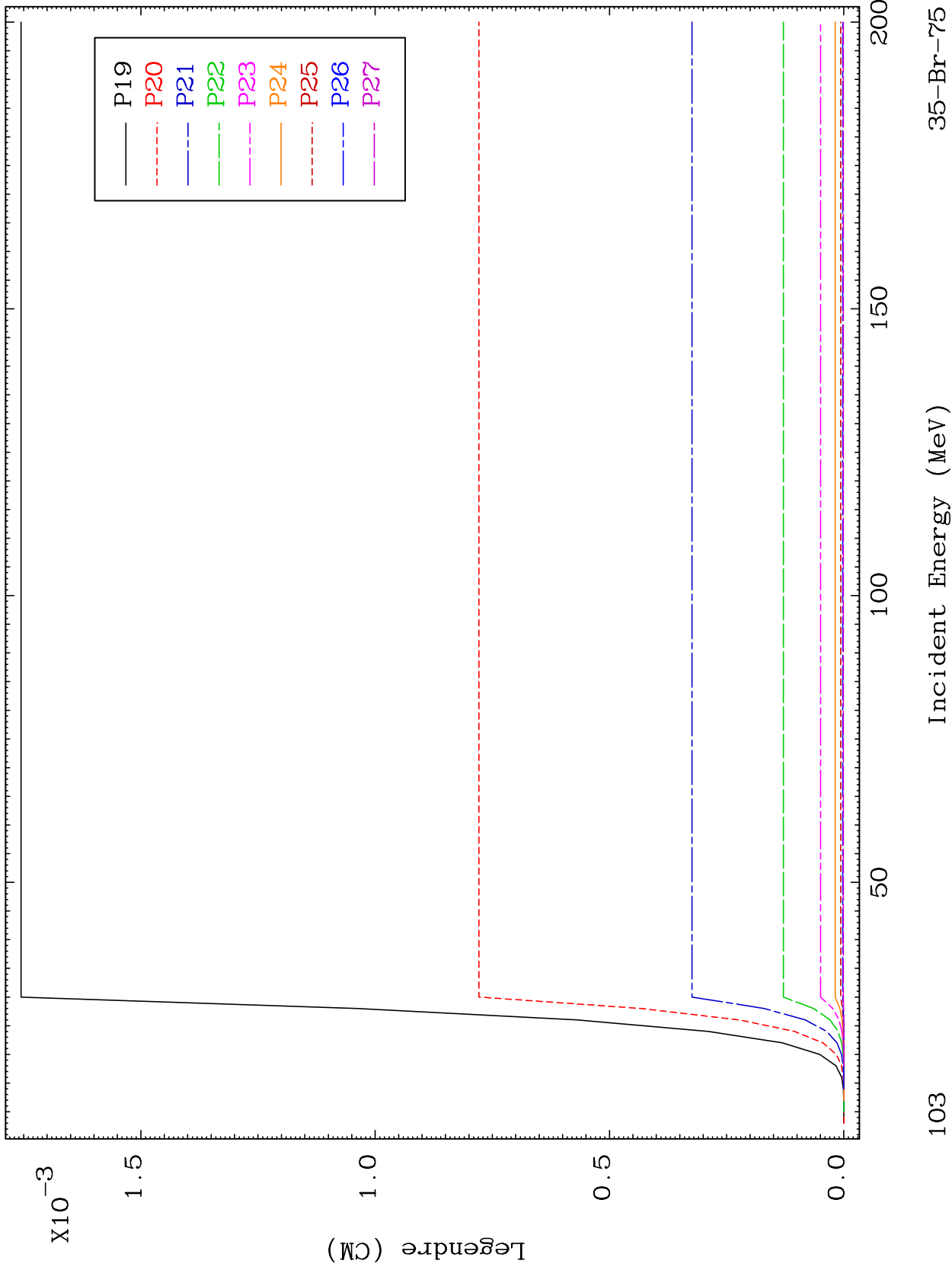




MAT 3513

928.9 keV (n,n') Level
Legendre Coefficients

35-Br-75



103

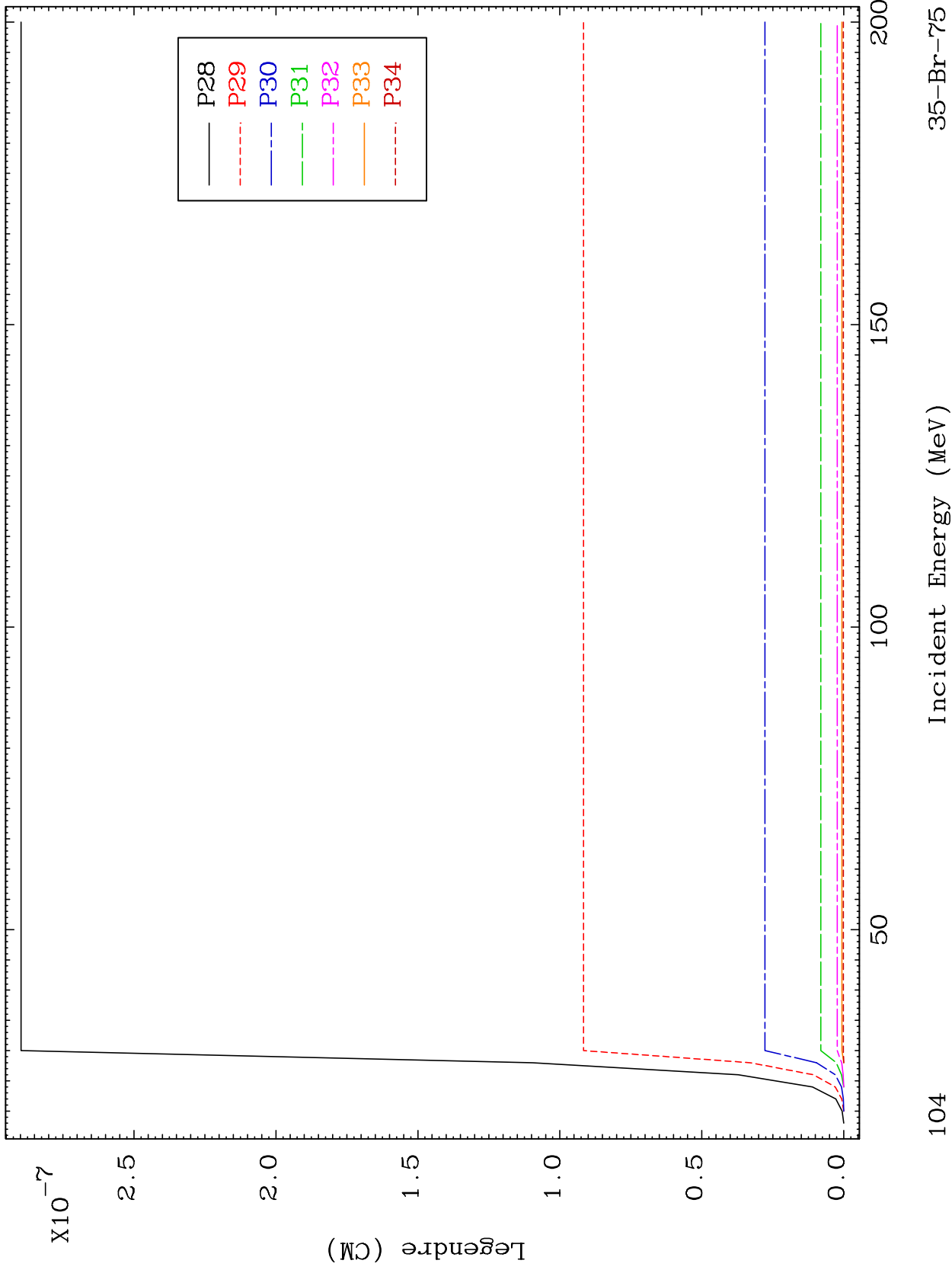
Incident Energy (MeV)

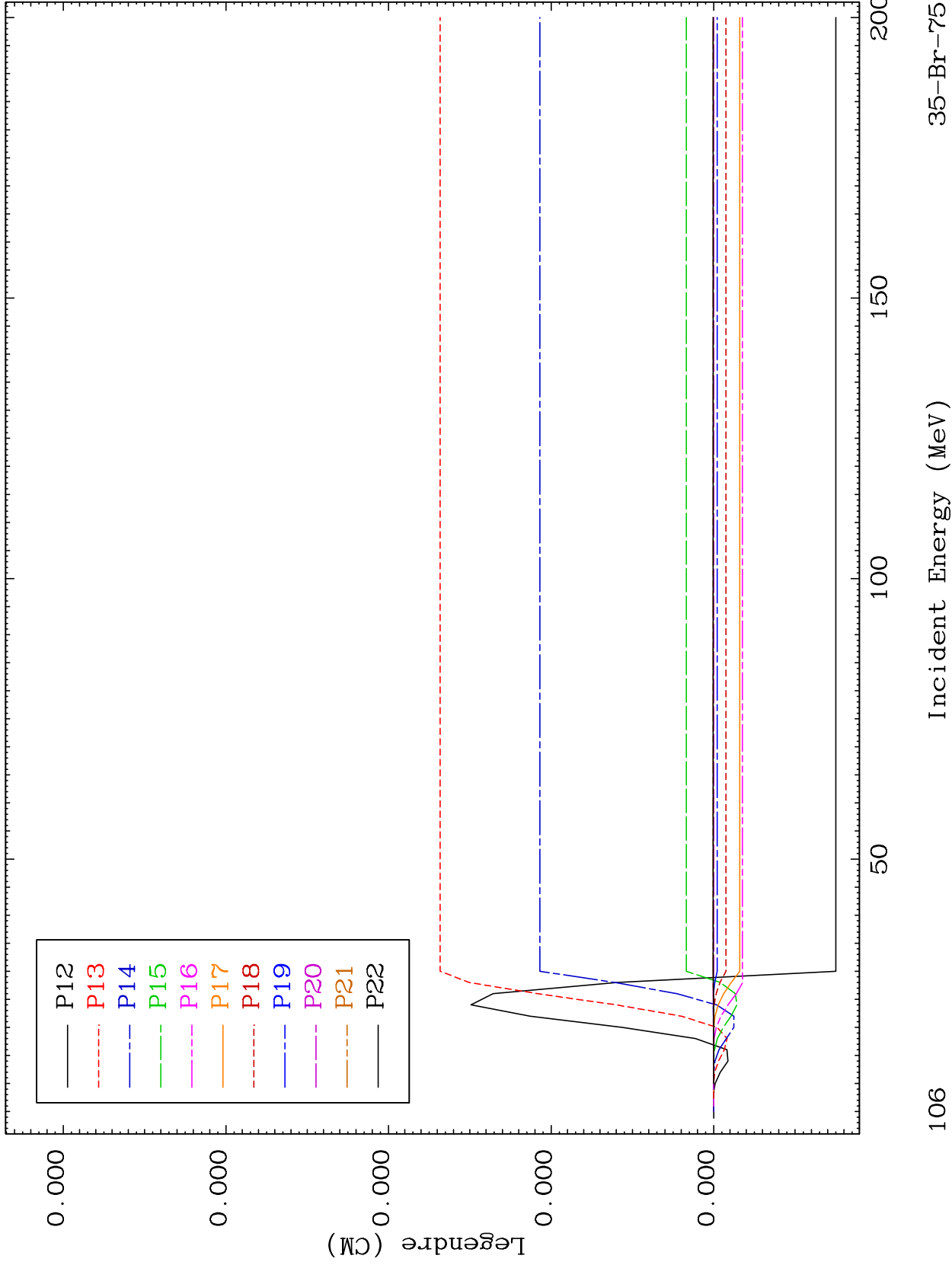
35-Br-75

MAT 3513

928.9 keV (n,n') Level
Legendre Coefficients

35-Br-75

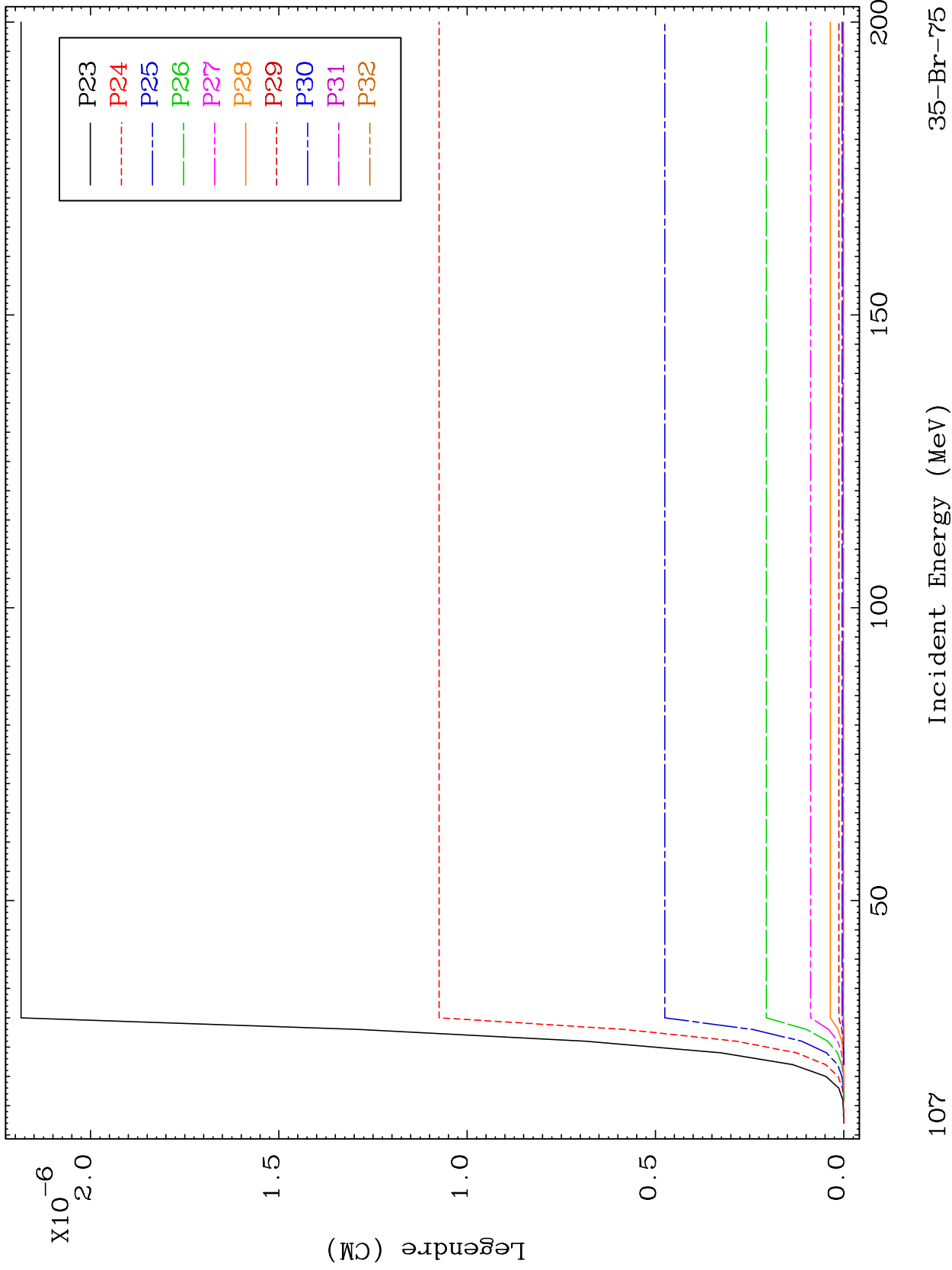




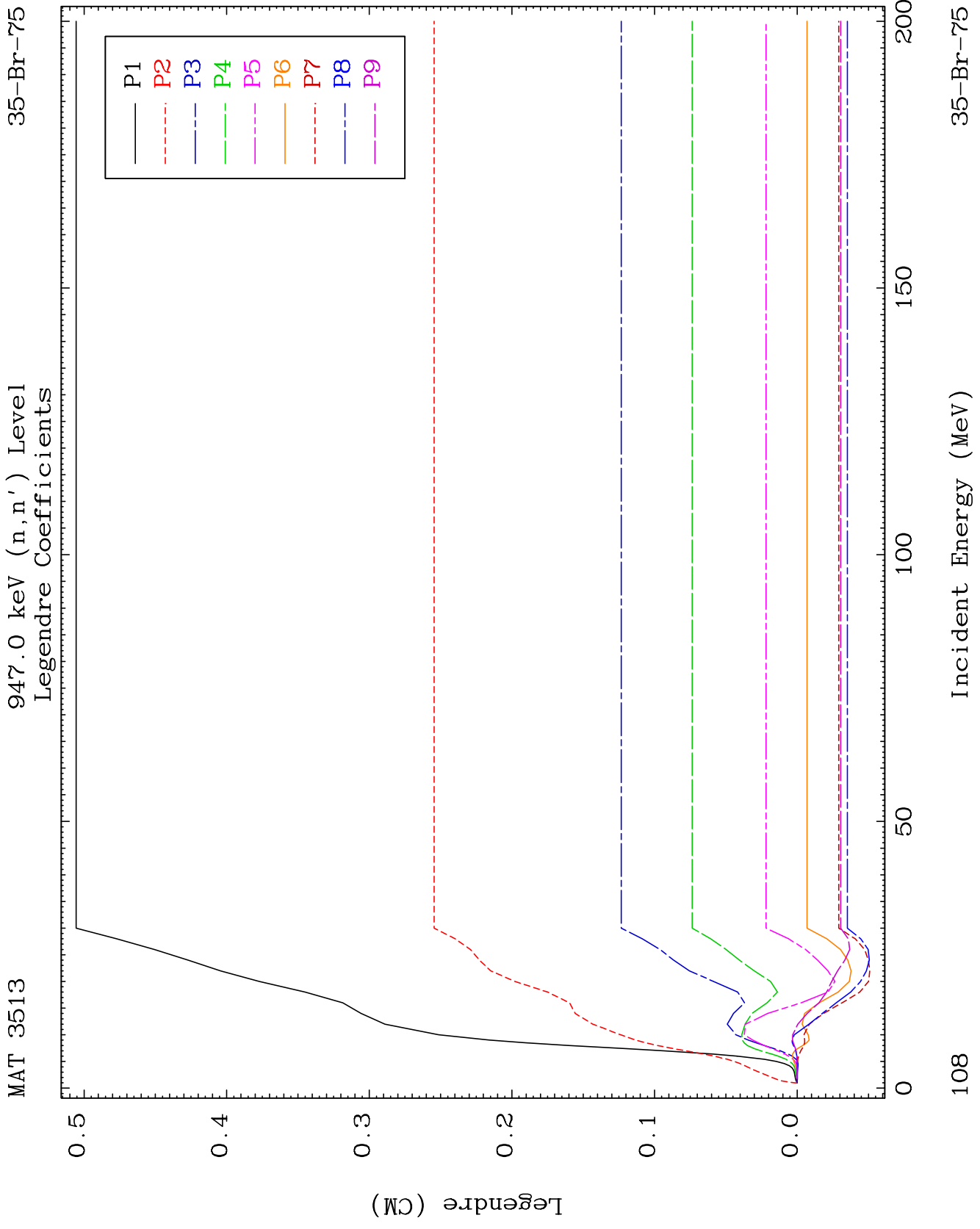
MAT 3513

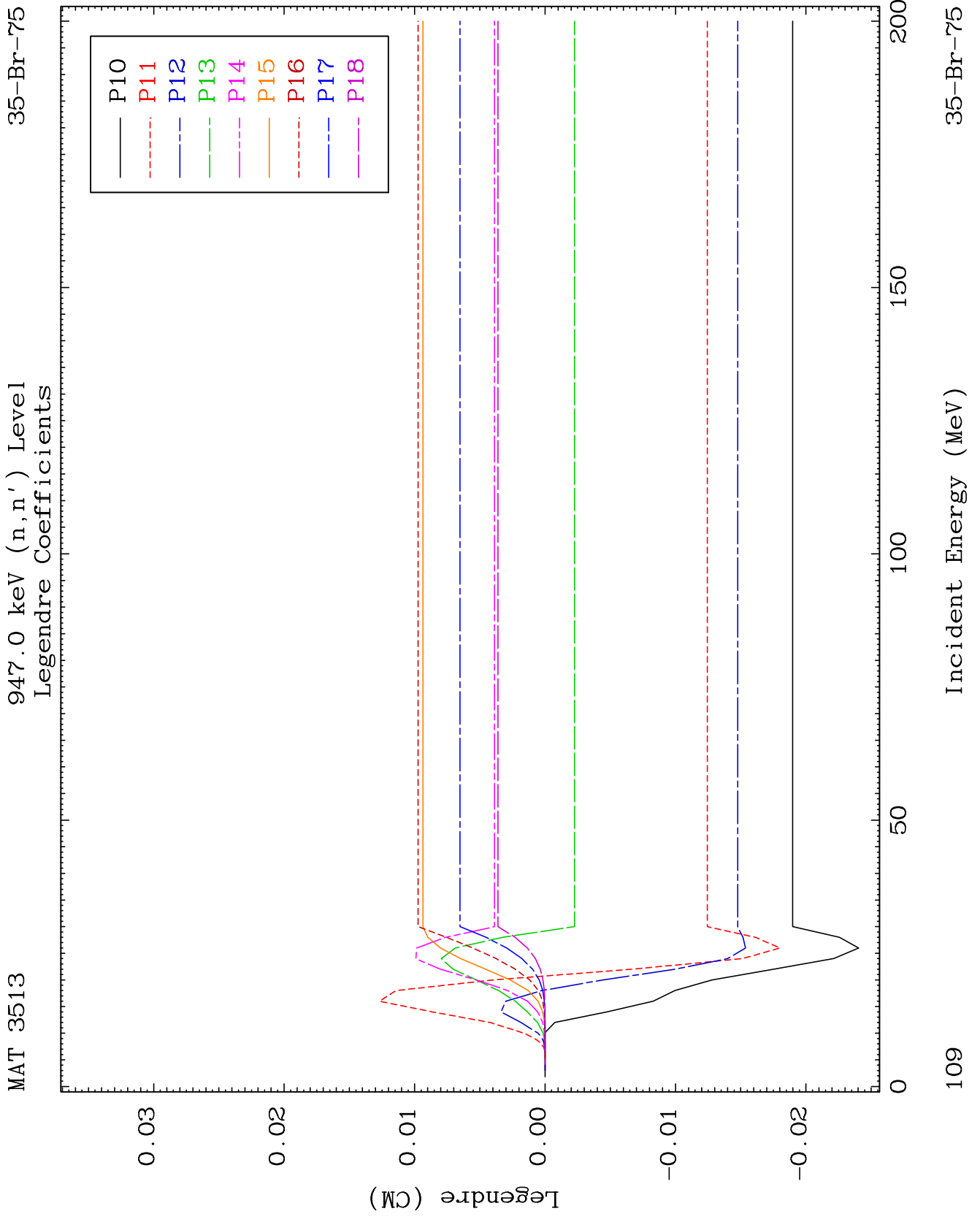
939.6 keV (n,n') Level
Legendre Coefficients

35-Br-75



107

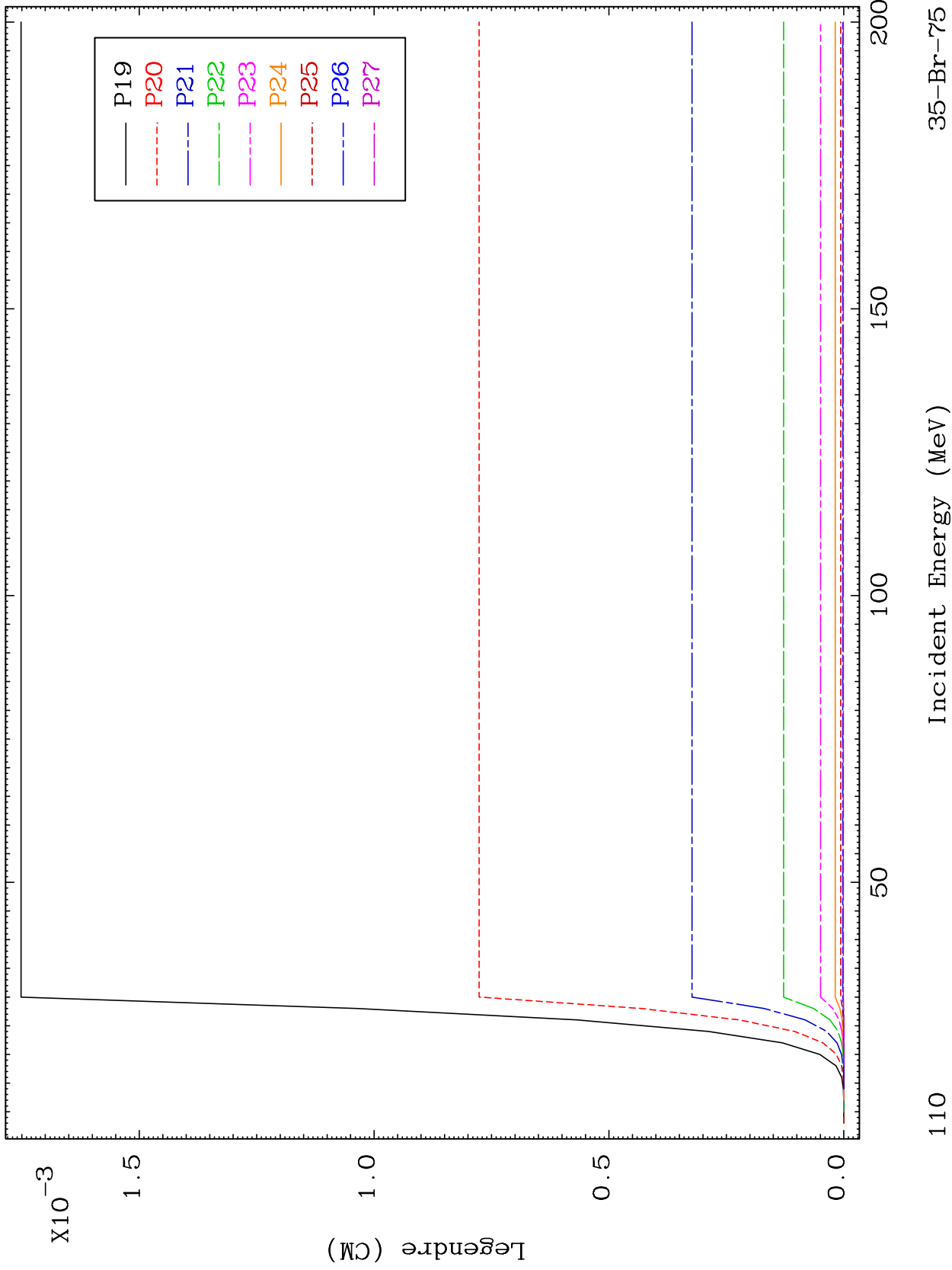




MAT 3513

947.0 keV (n,n') Level
Legendre Coefficients

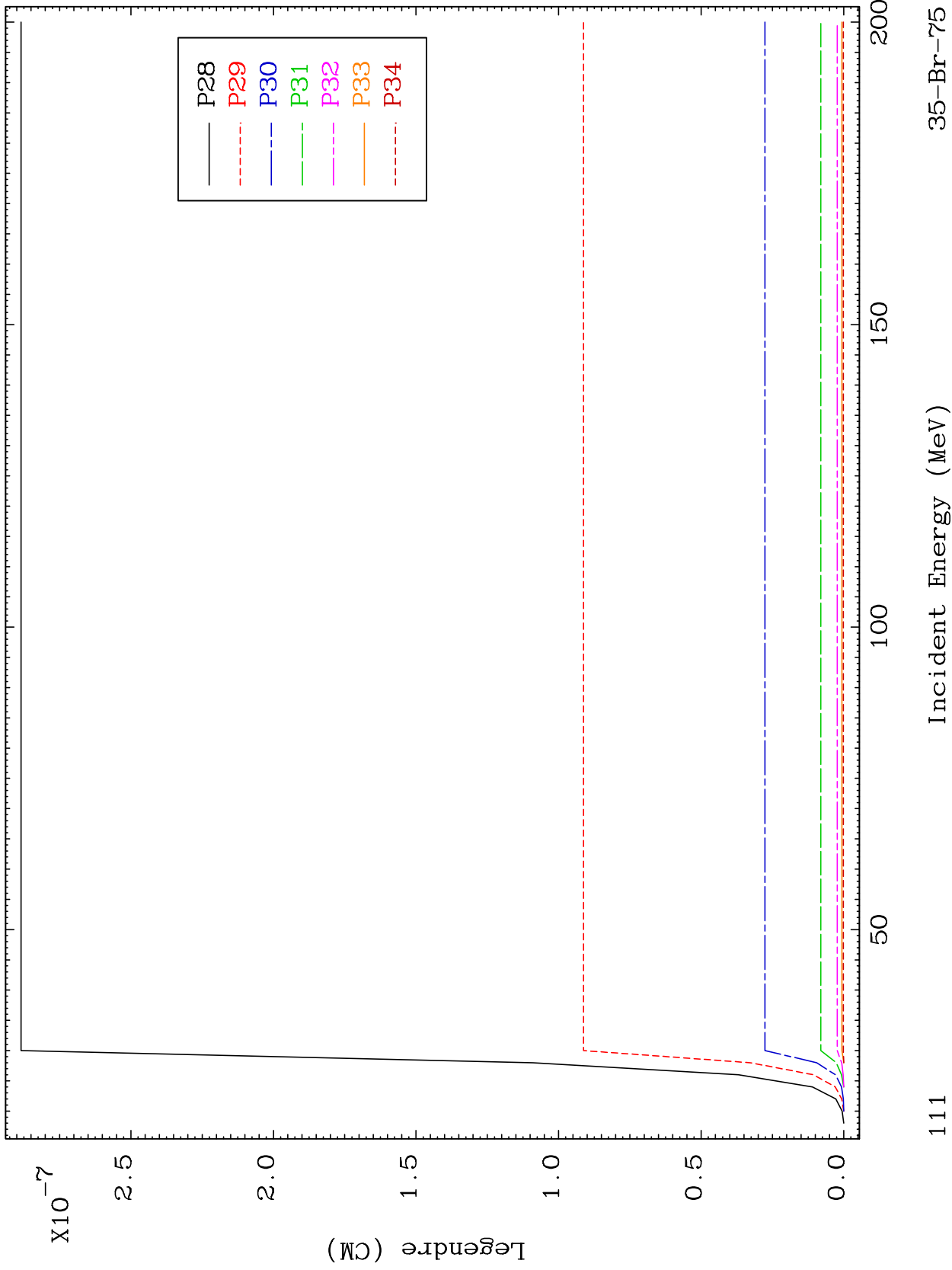
35-Br-75



MAT 3513

947.0 keV (n,n') Level
Legendre Coefficients

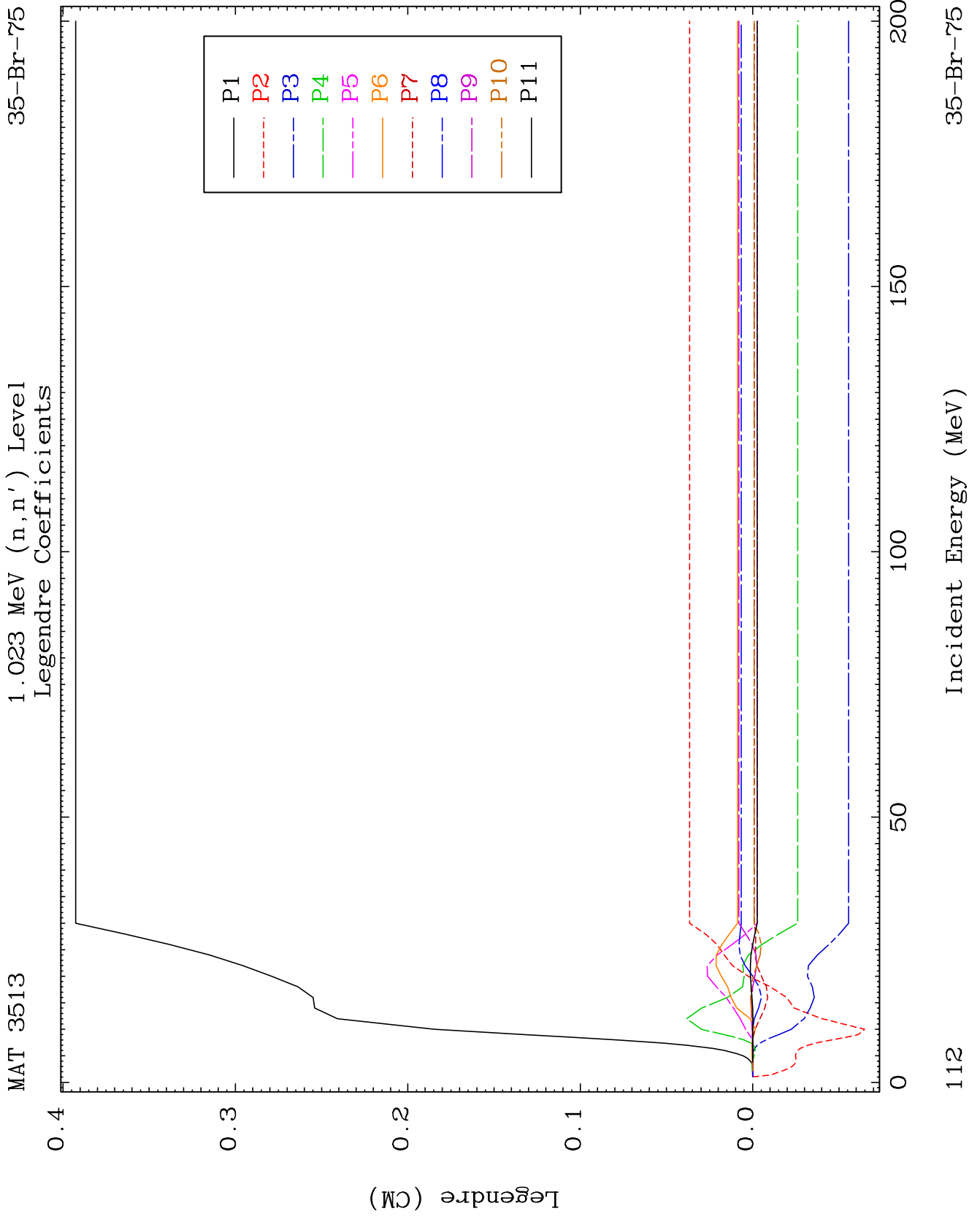
35-Br-75

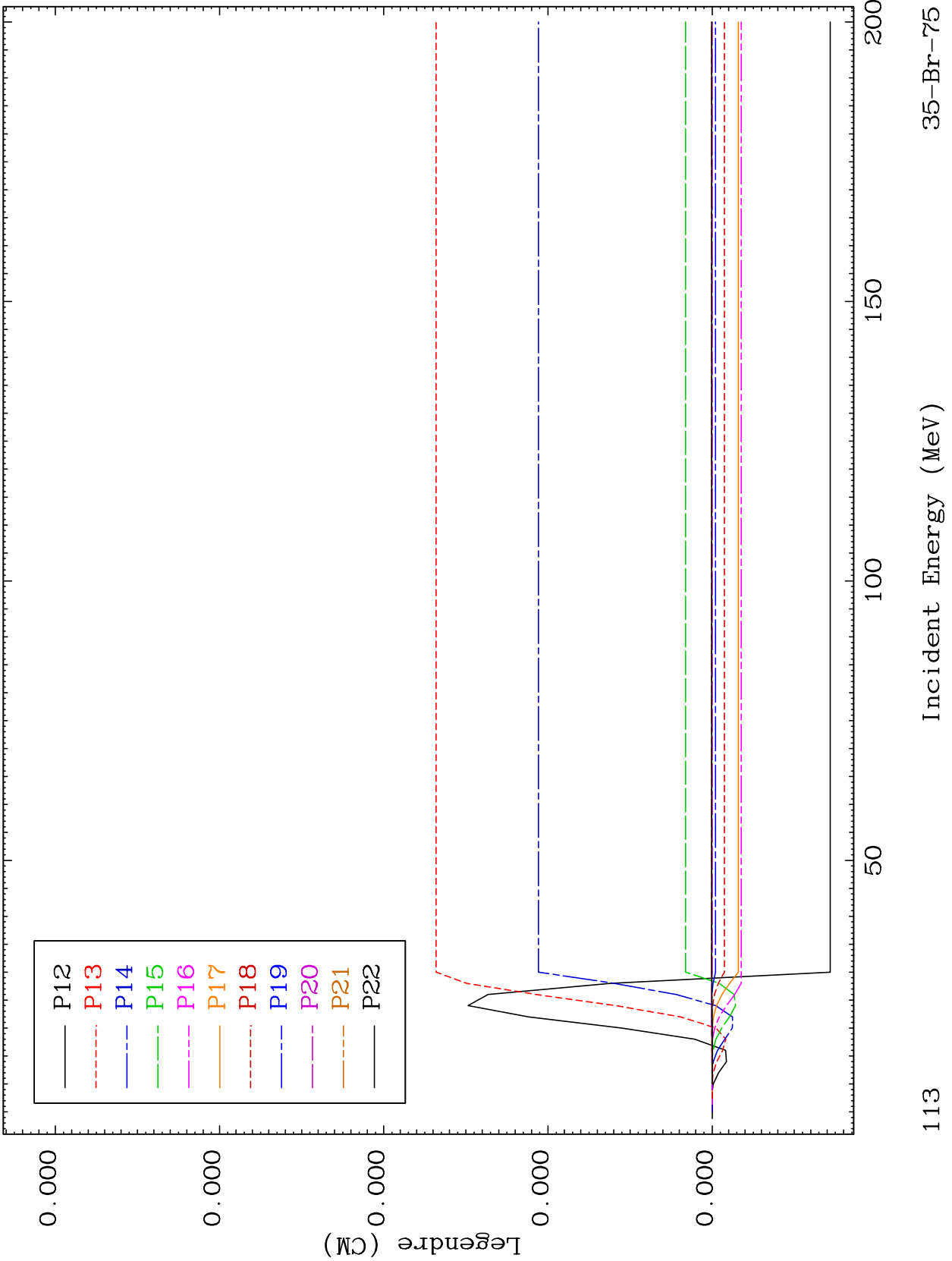


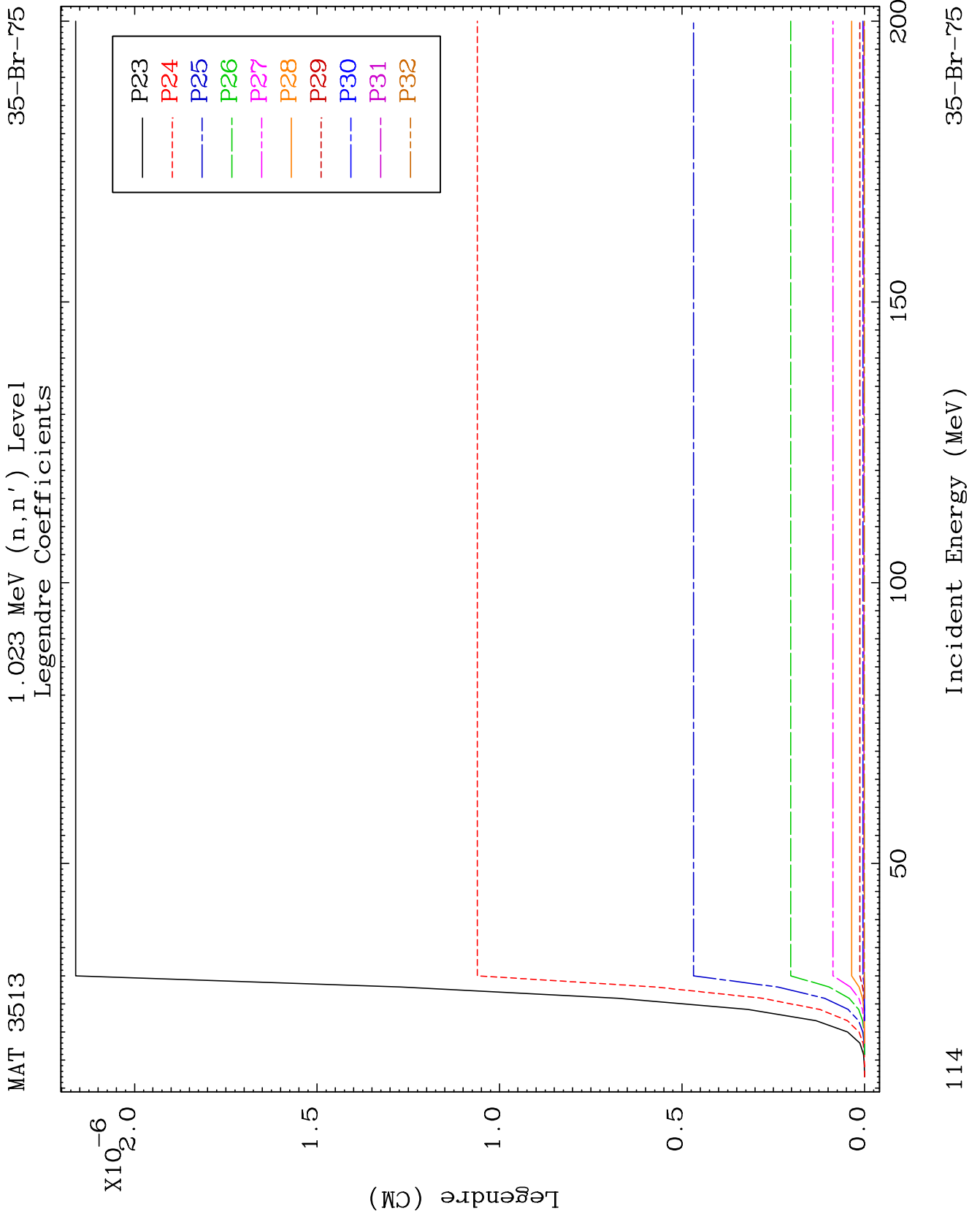
111

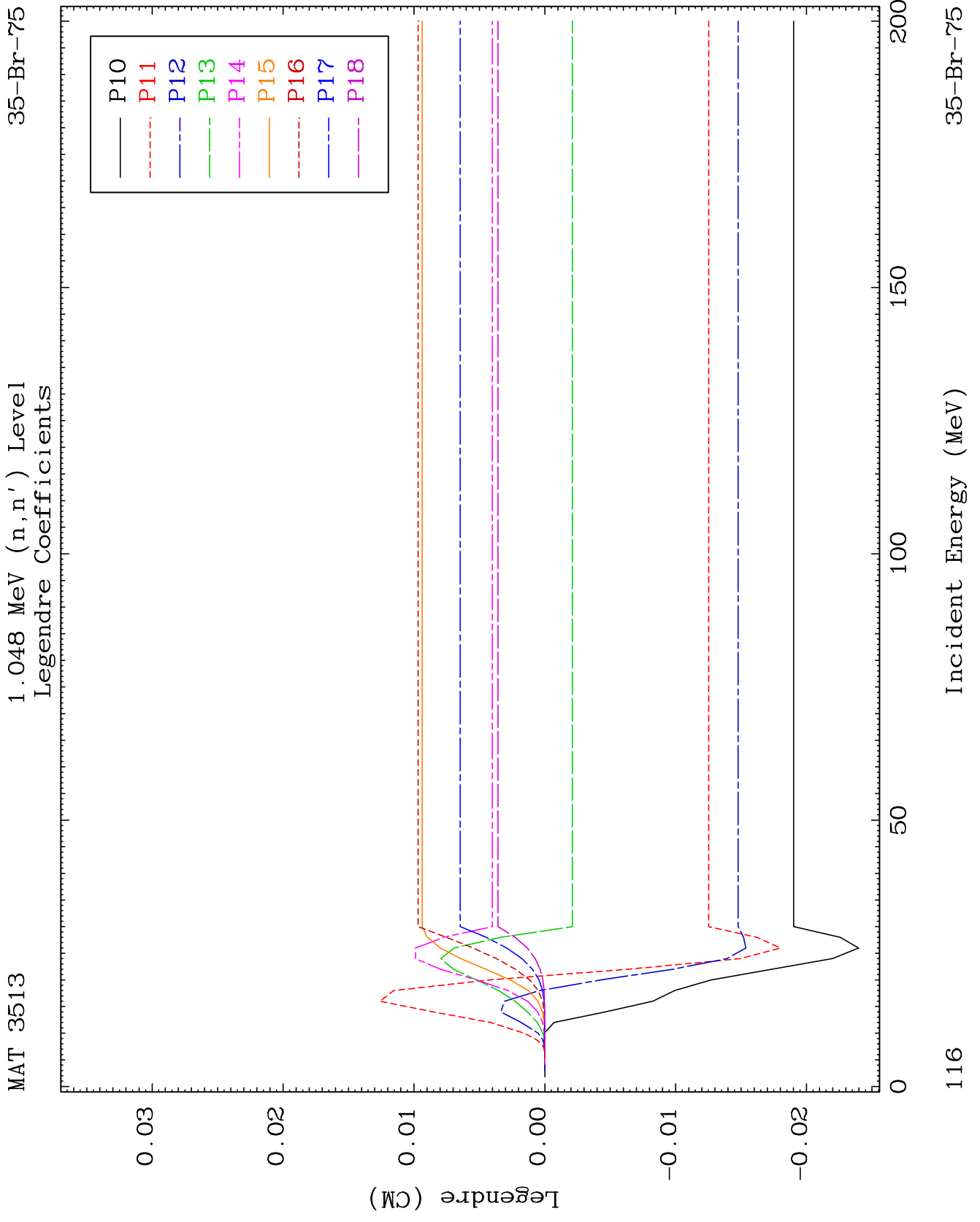
Incident Energy (MeV)

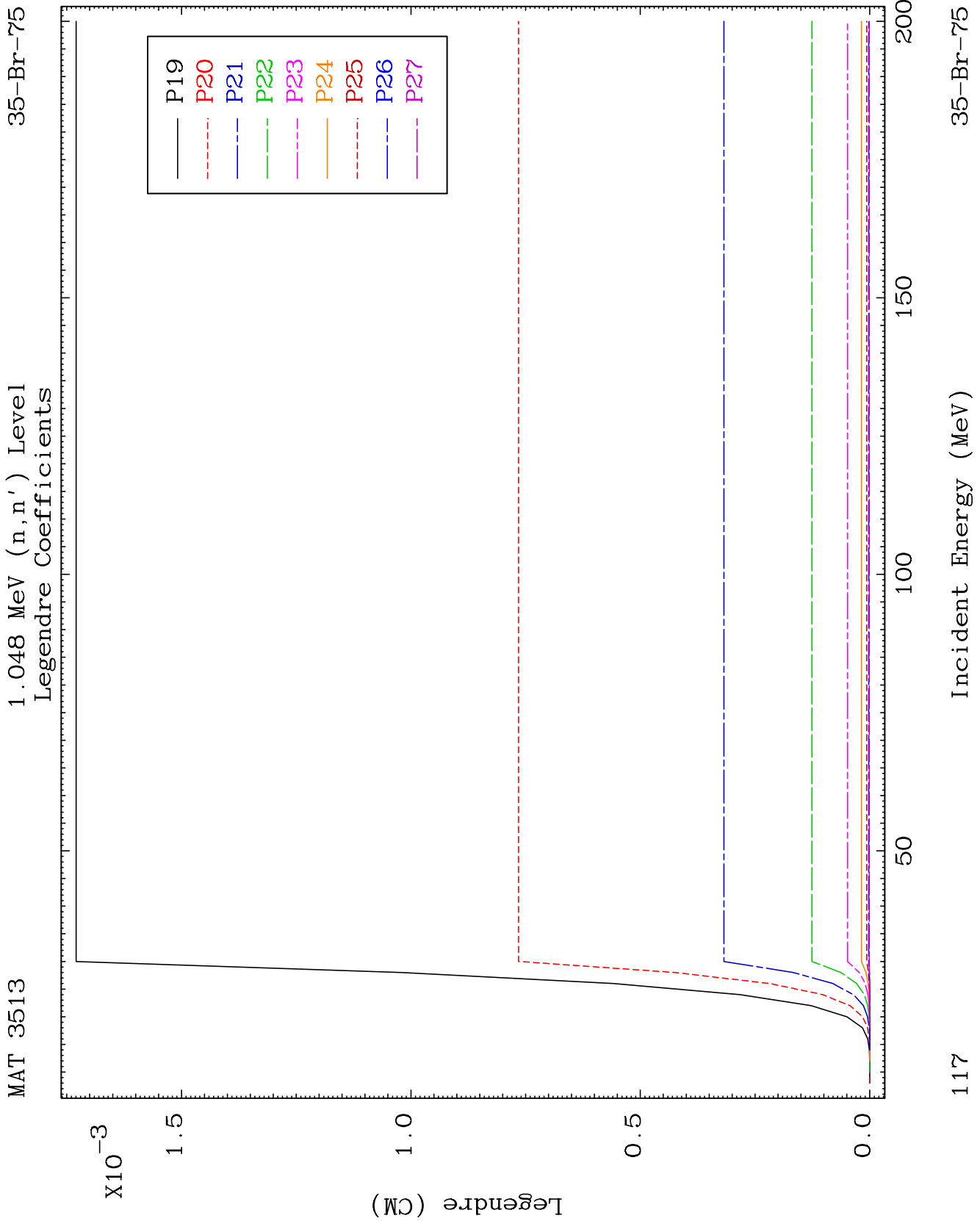
35-Br-75







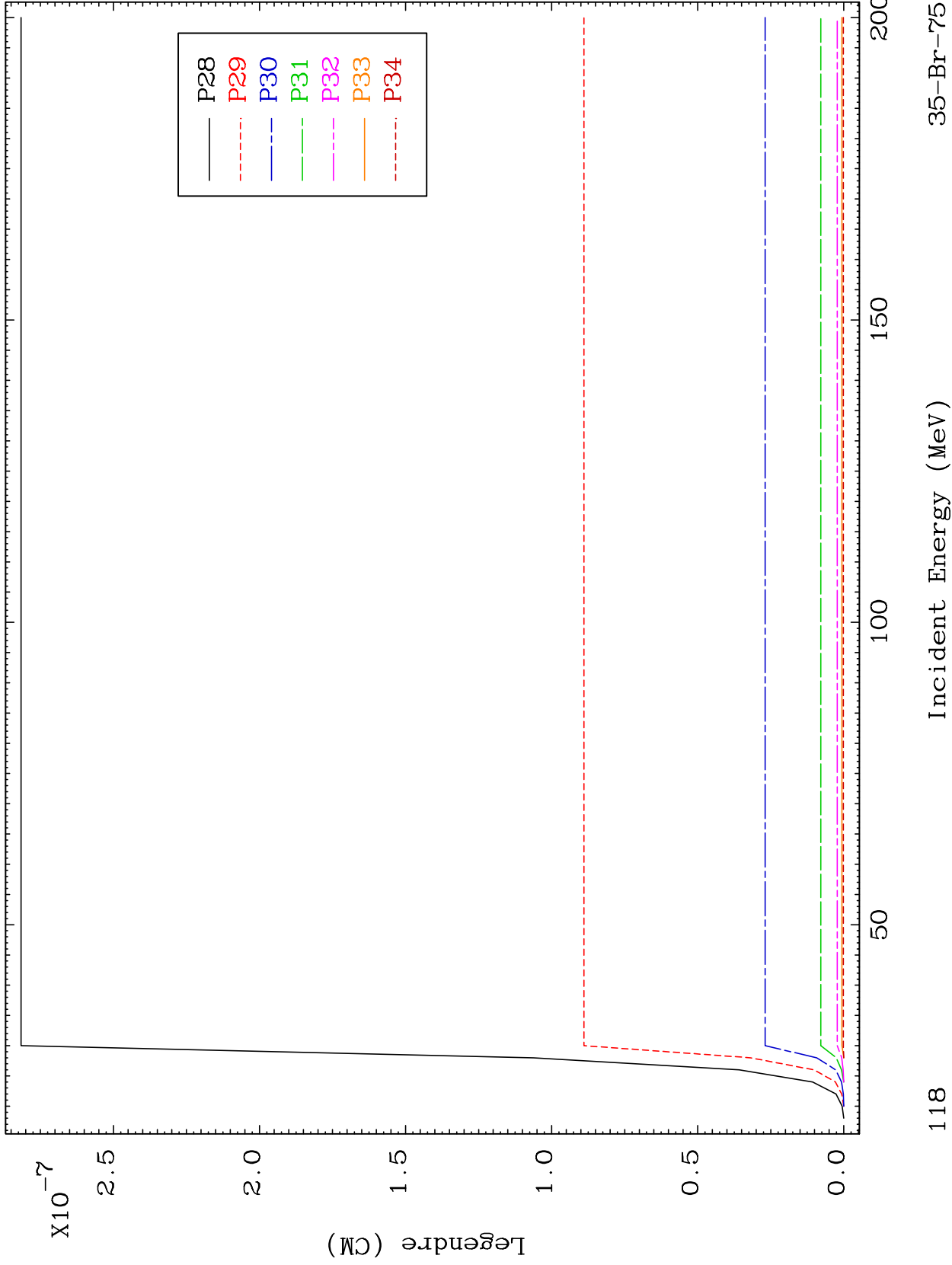




MAT 3513

1.048 MeV (n,n') Level
Legendre Coefficients

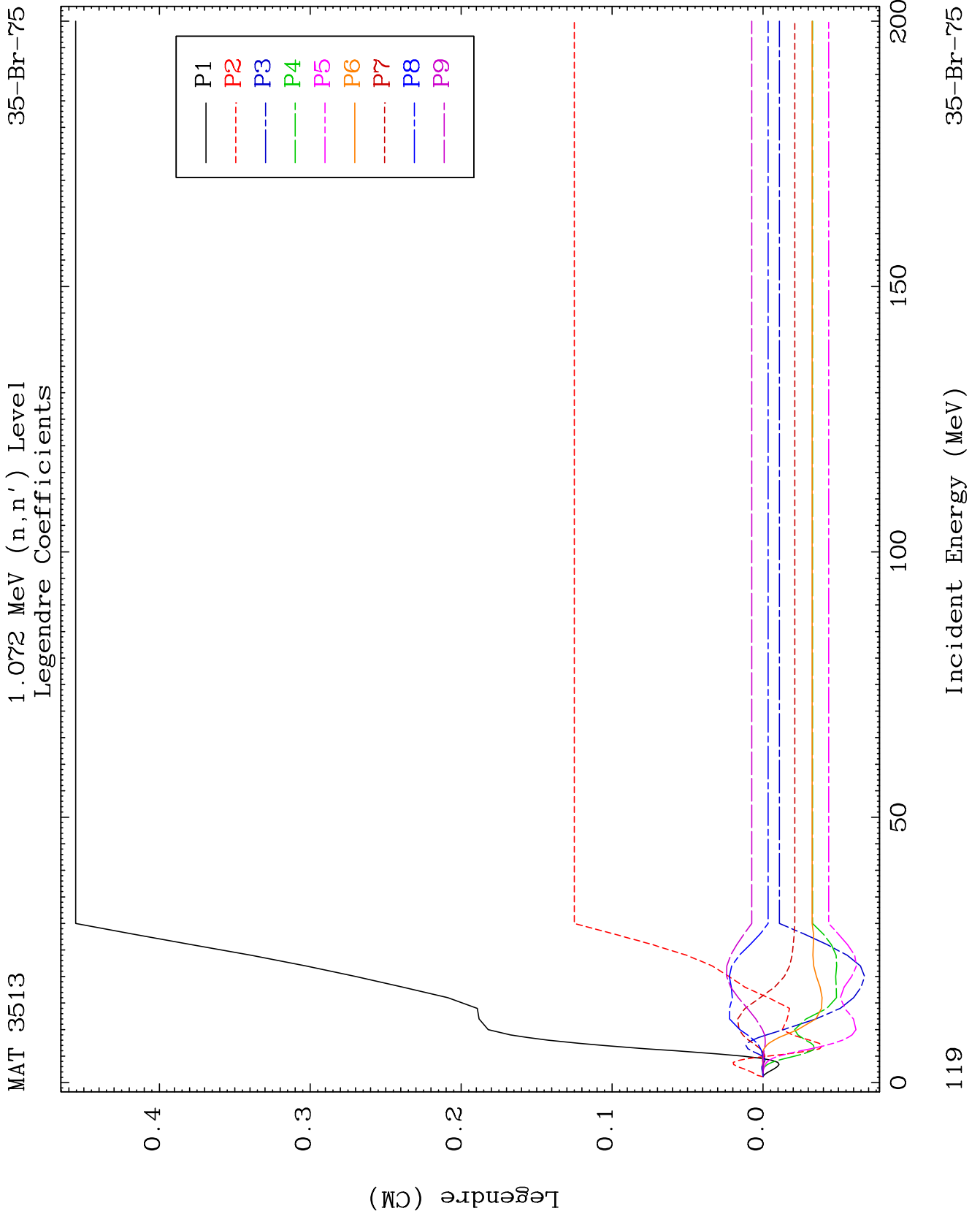
35-Br-75

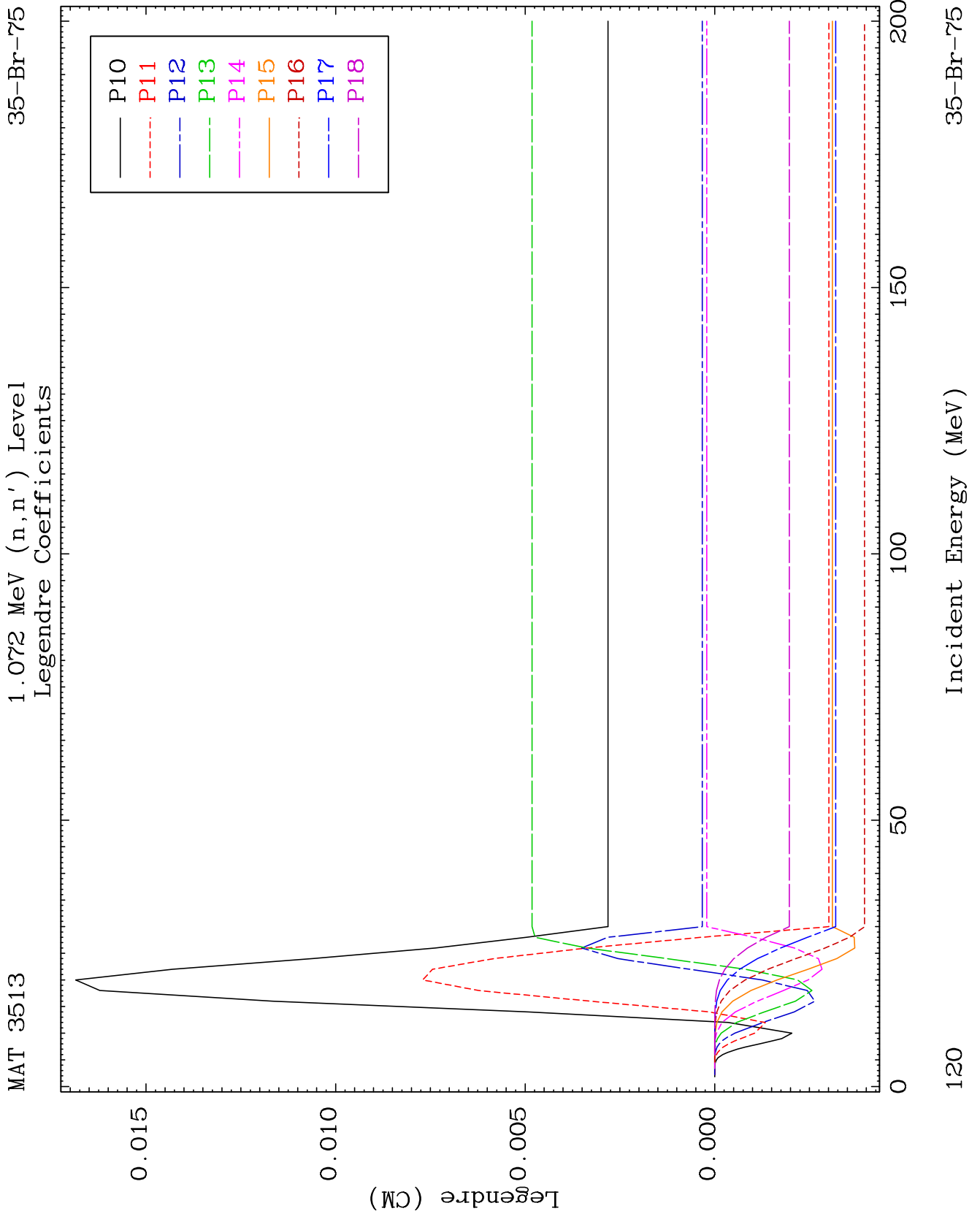


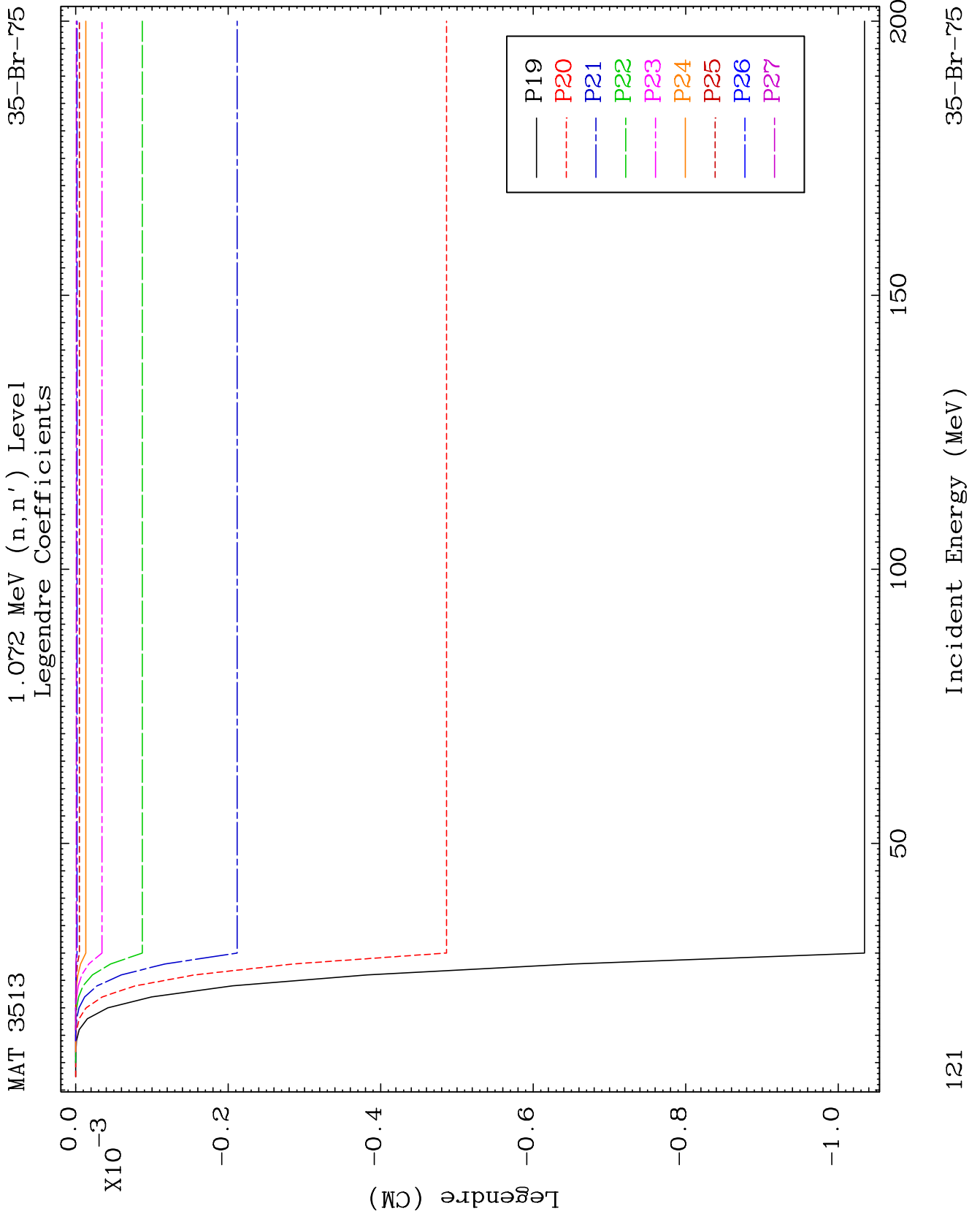
118

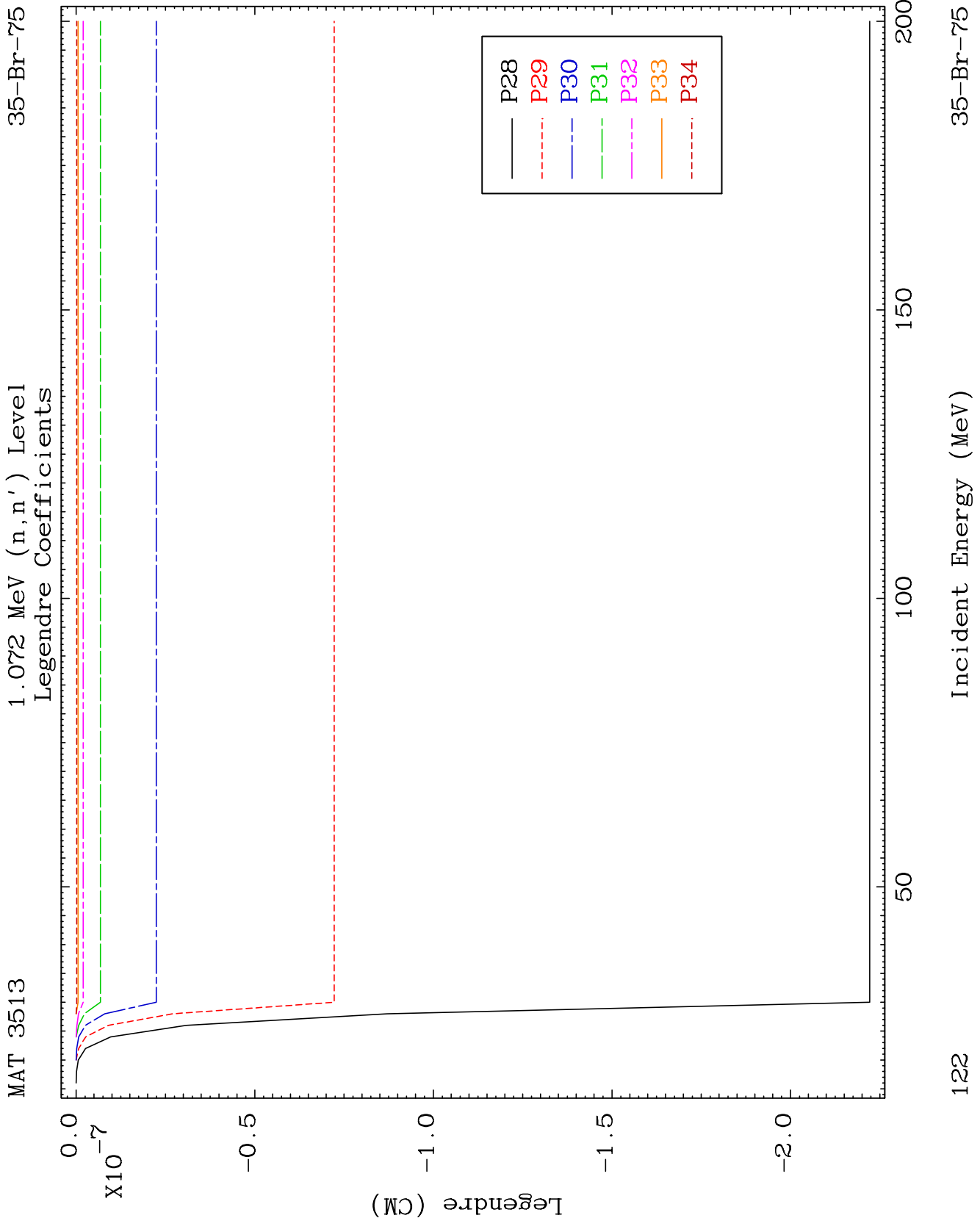
Incident Energy (MeV)

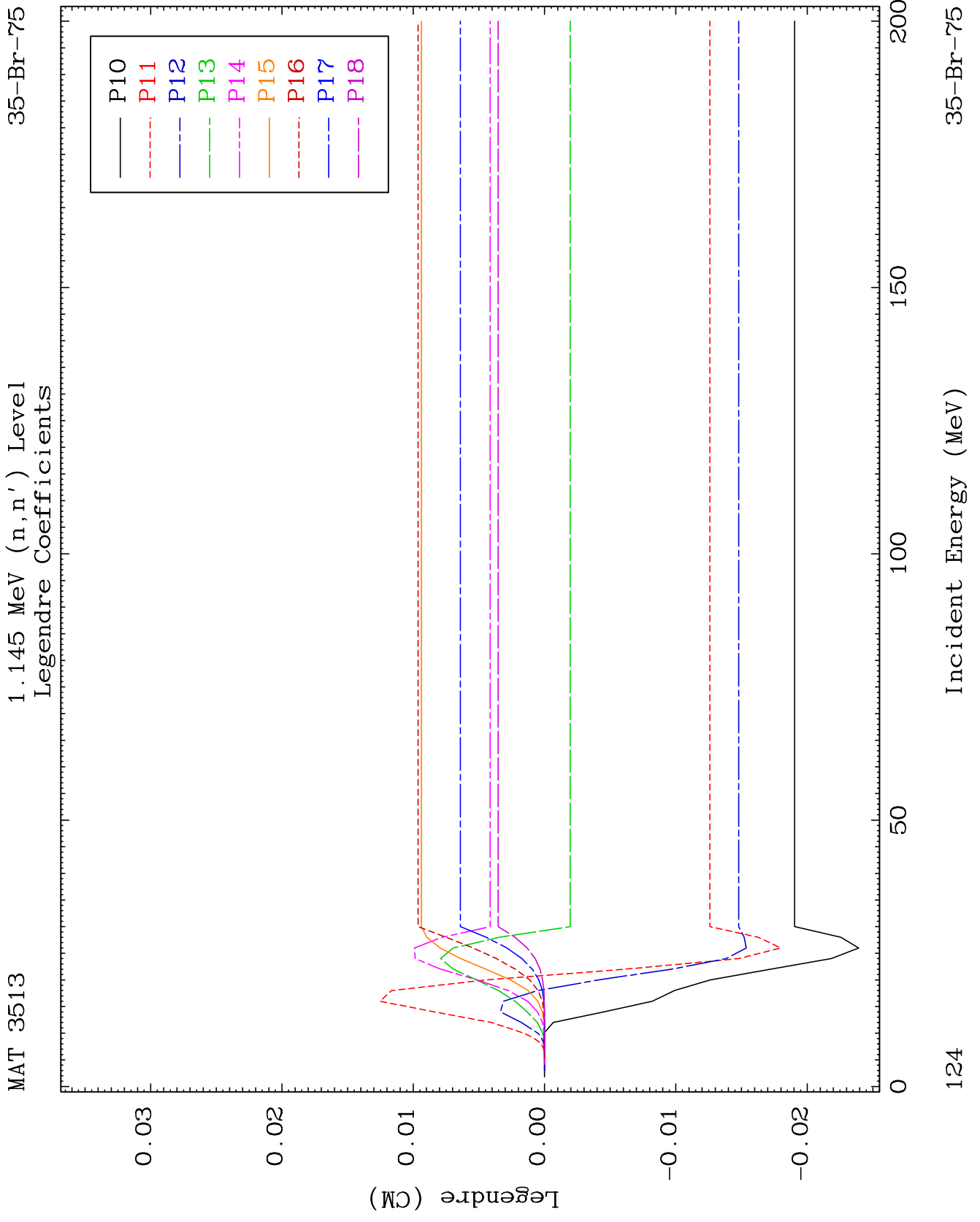
35-Br-75

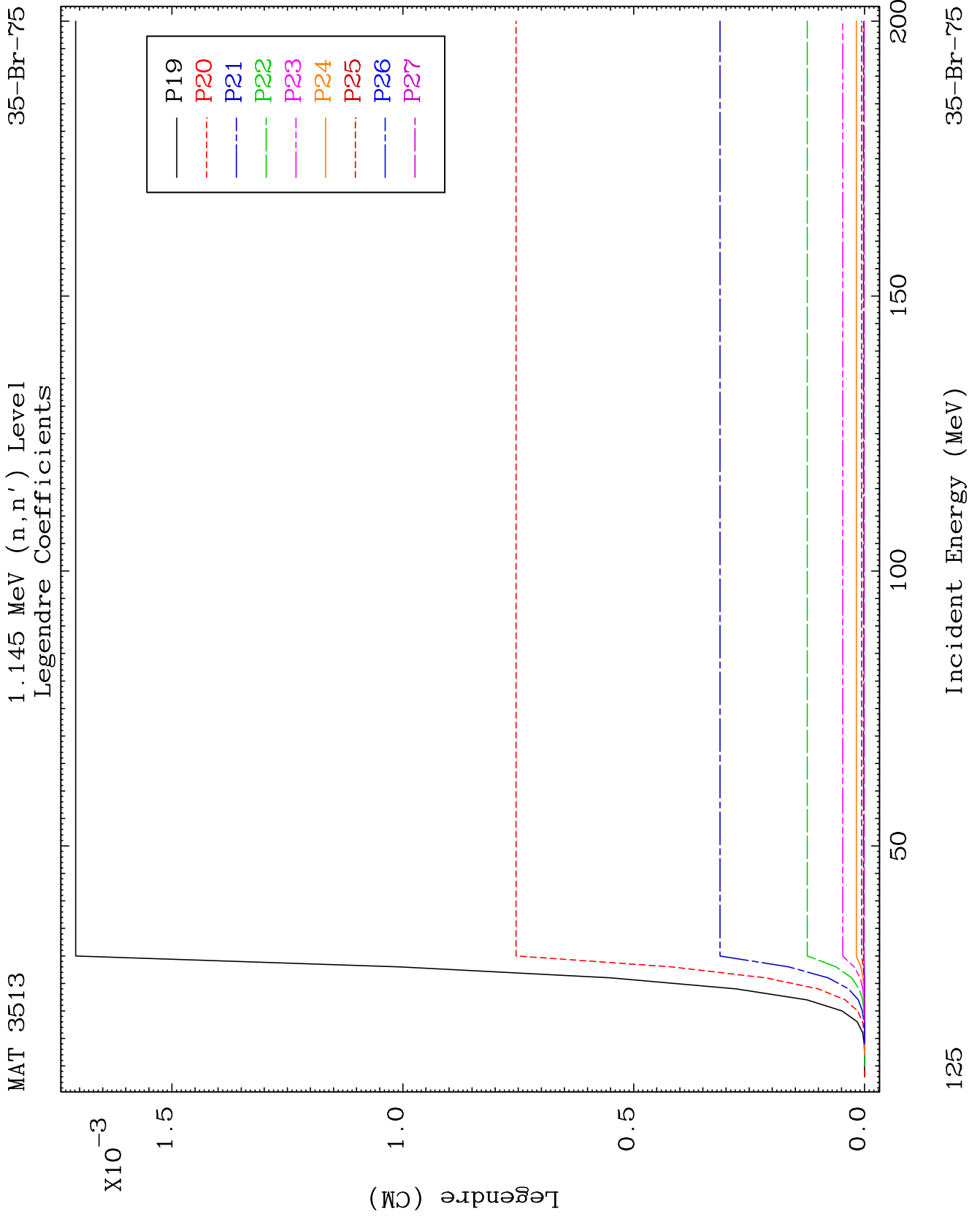


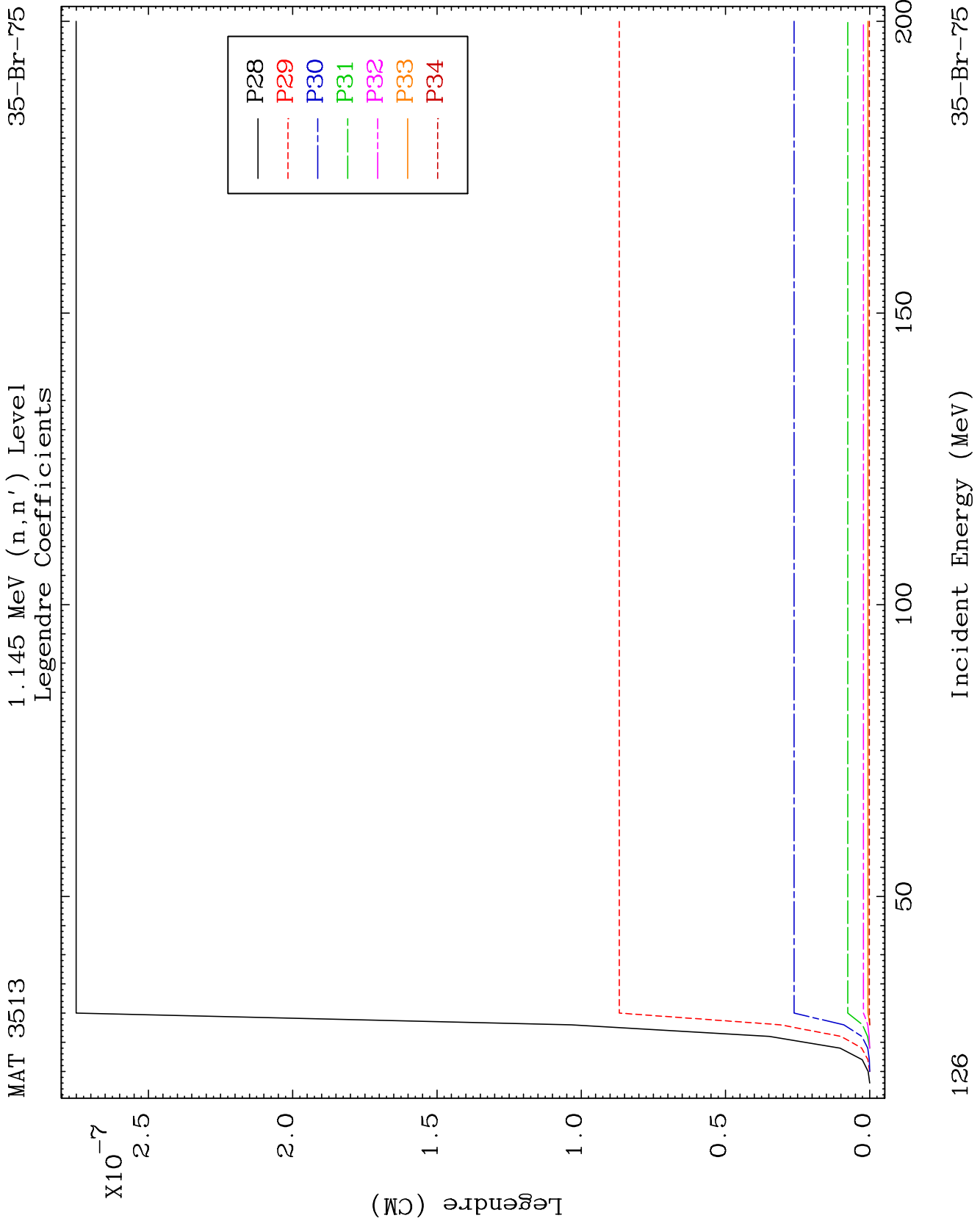








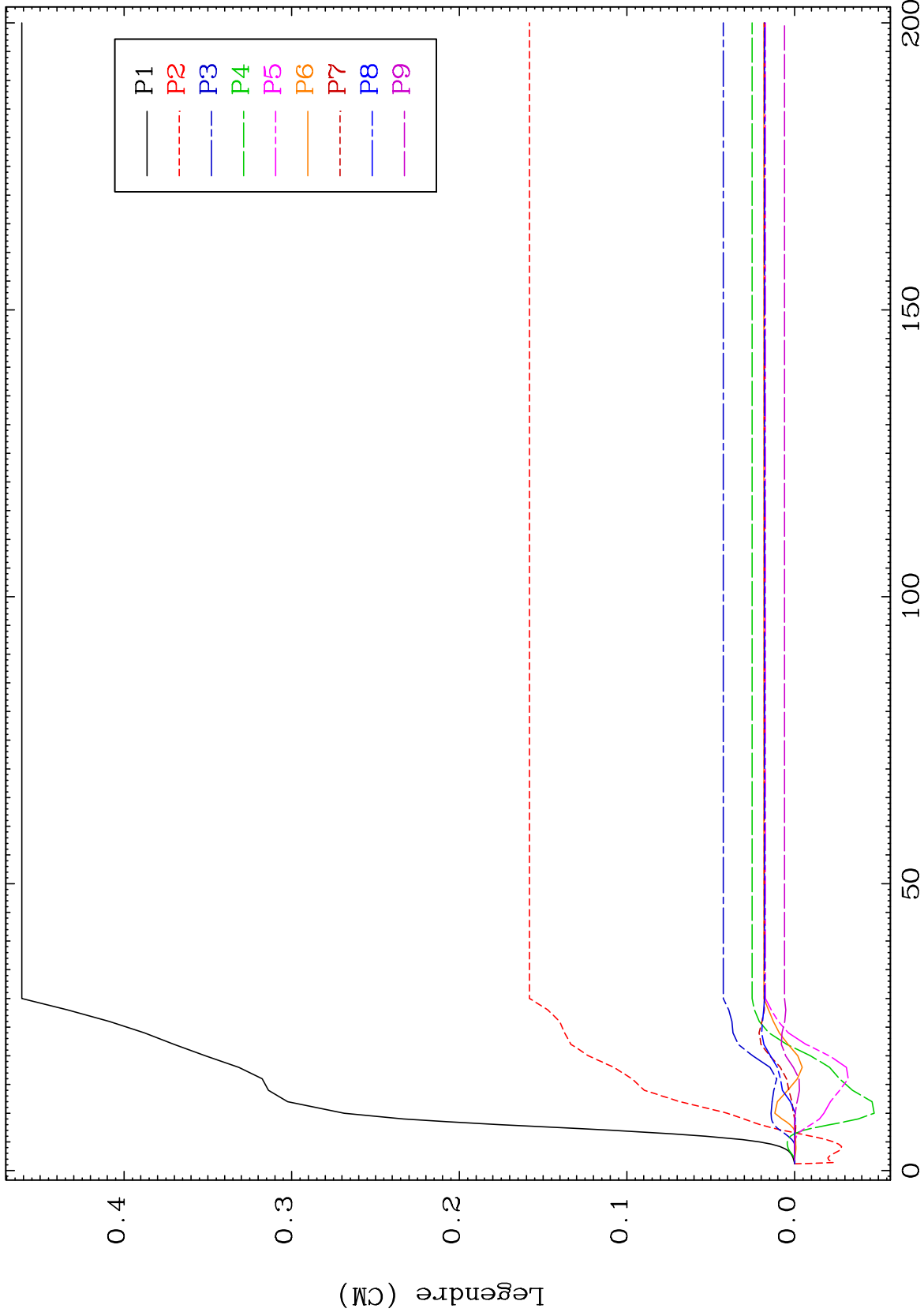




MAT 3513

1.150 MeV (n,n') Level
Legendre Coefficients

35-Br-75



127

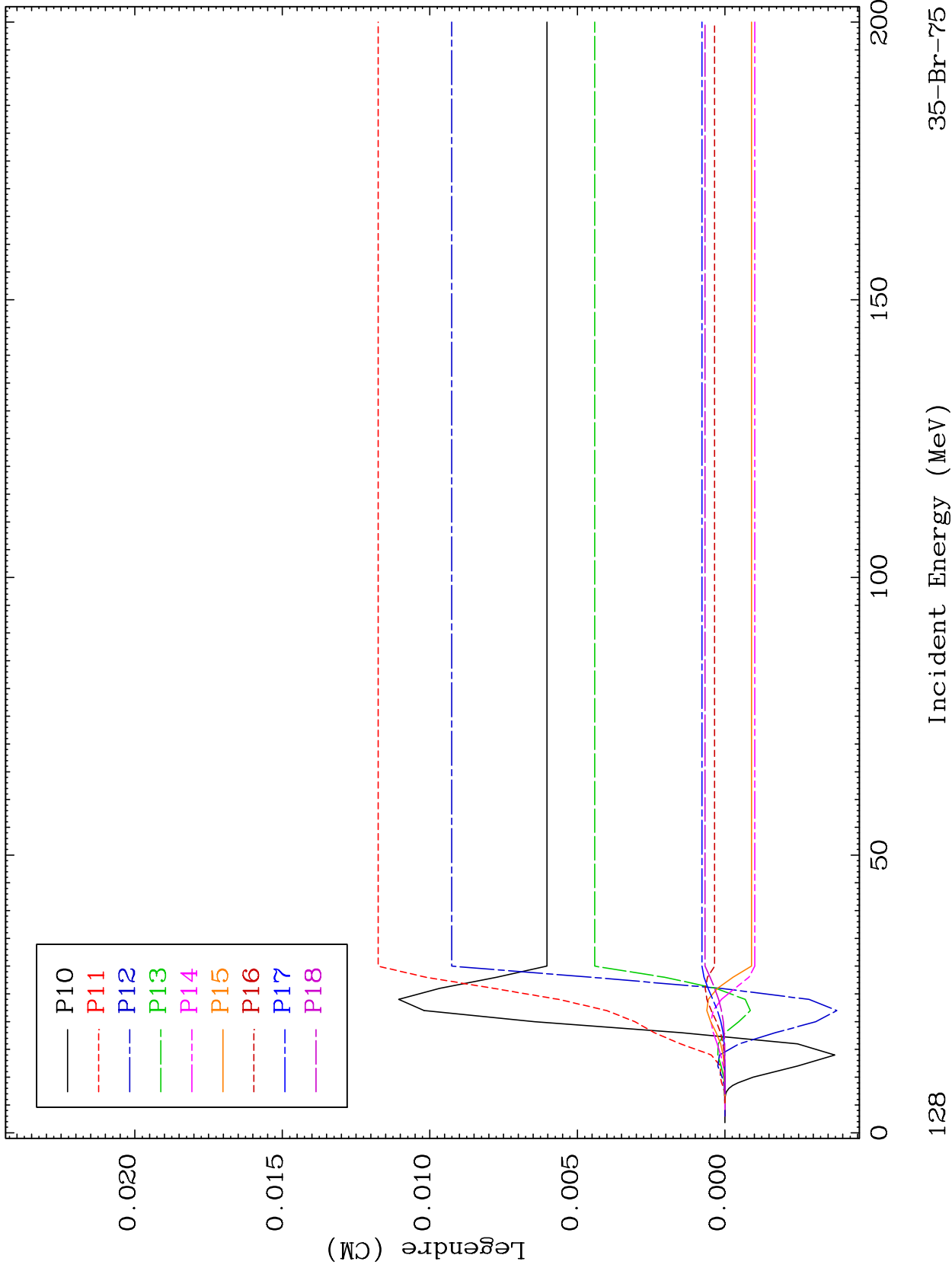
Incident Energy (MeV)

35-Br-75

MAT 3513

1.150 MeV (n,n') Level
Legendre Coefficients

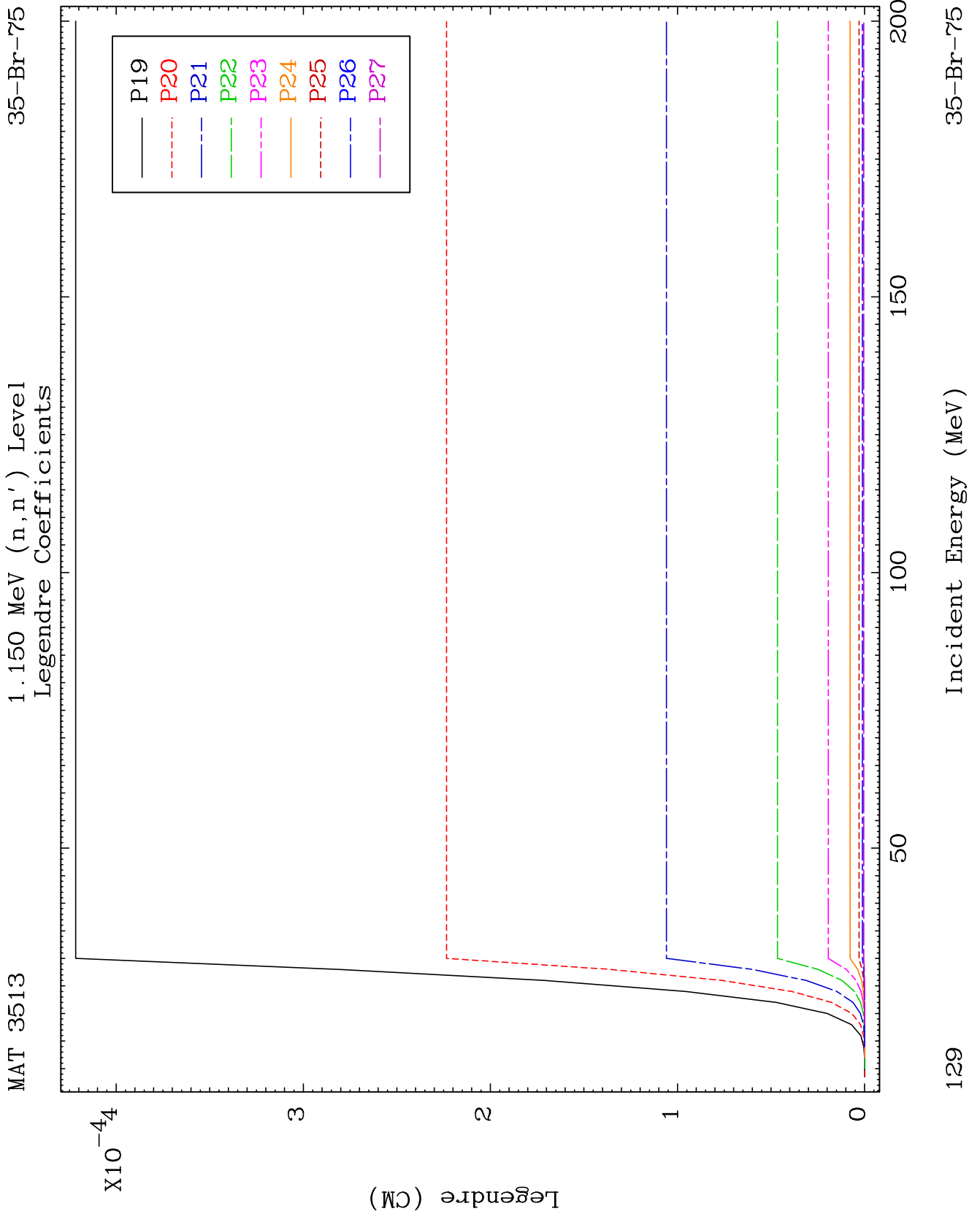
35-Br-75

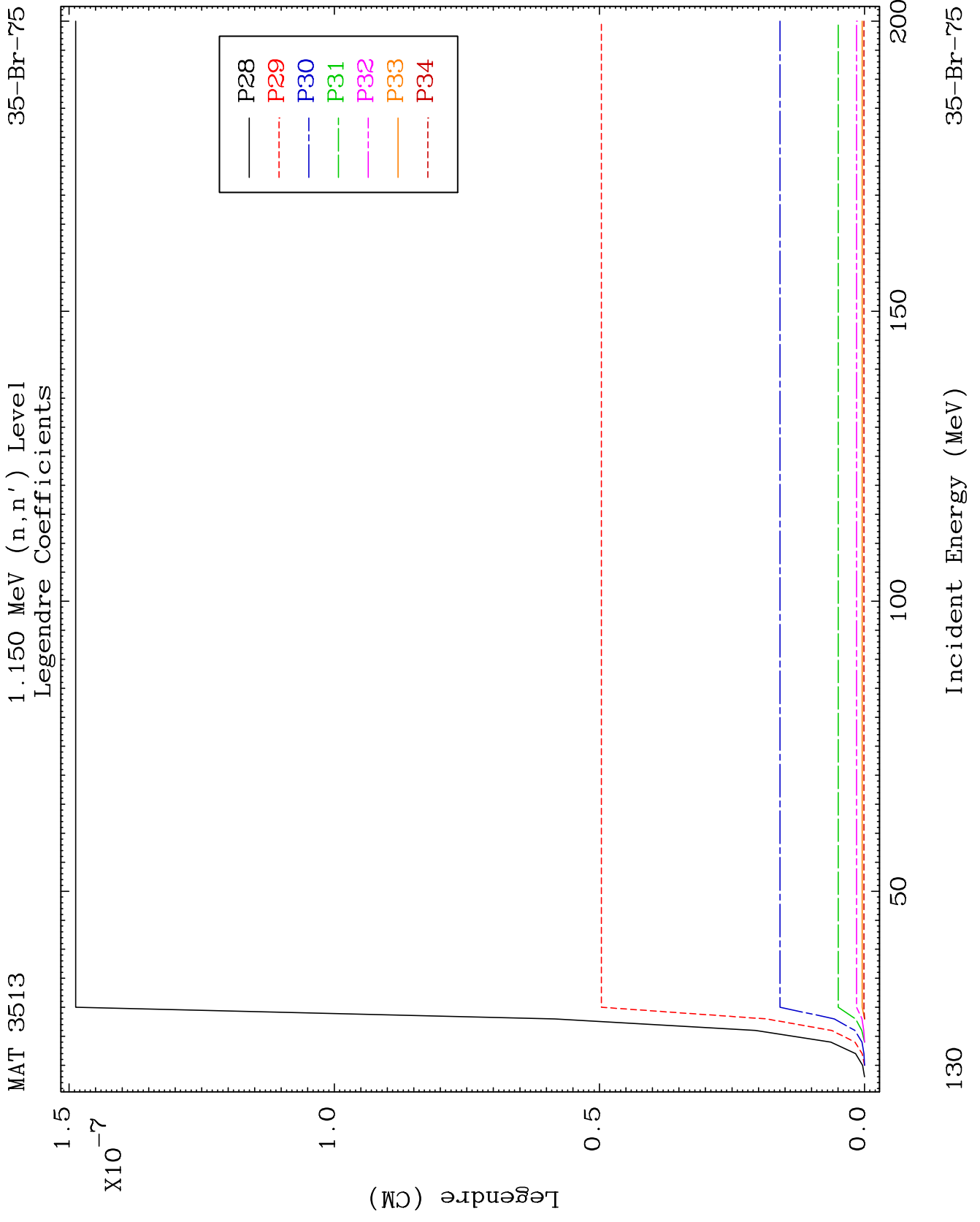


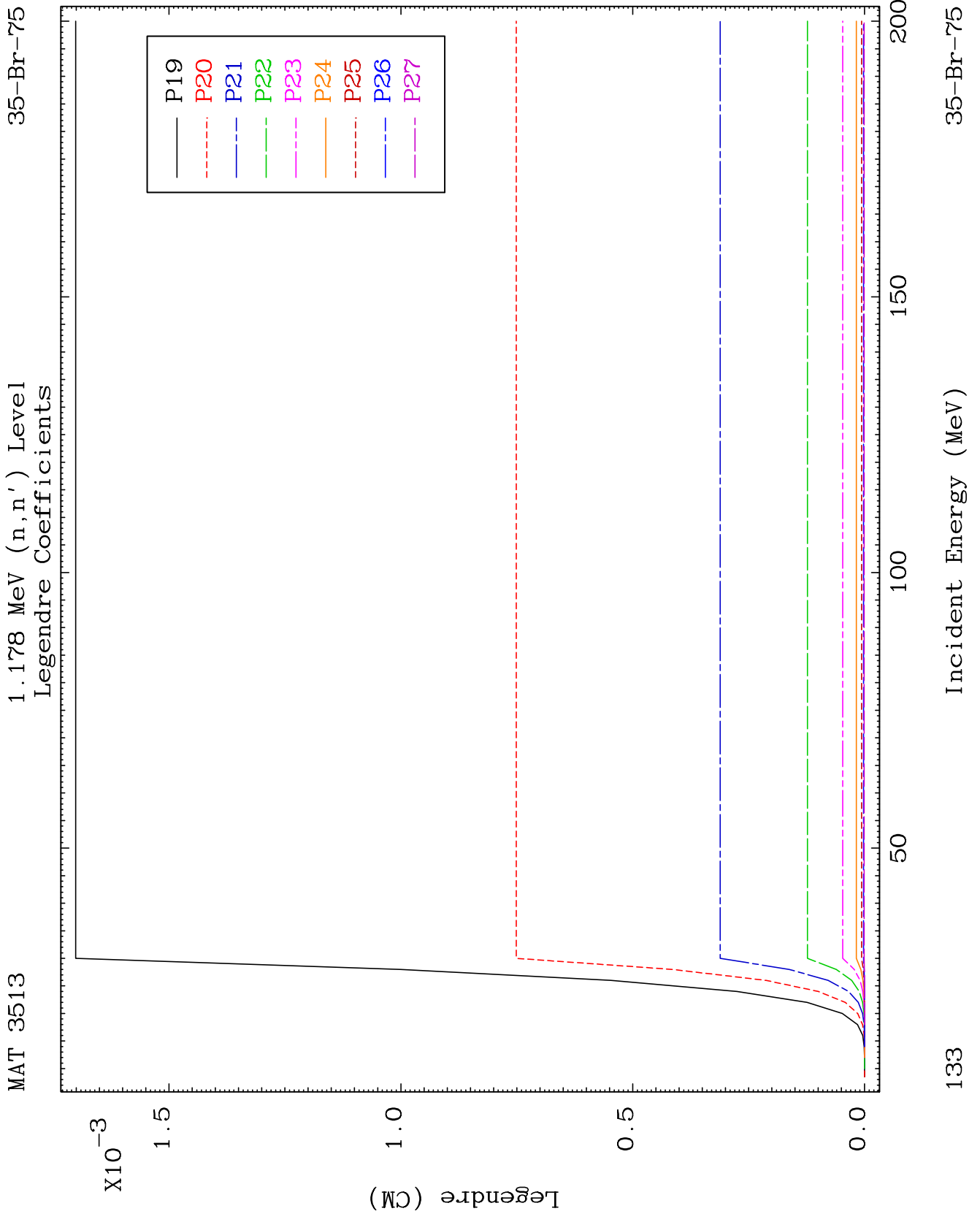
128

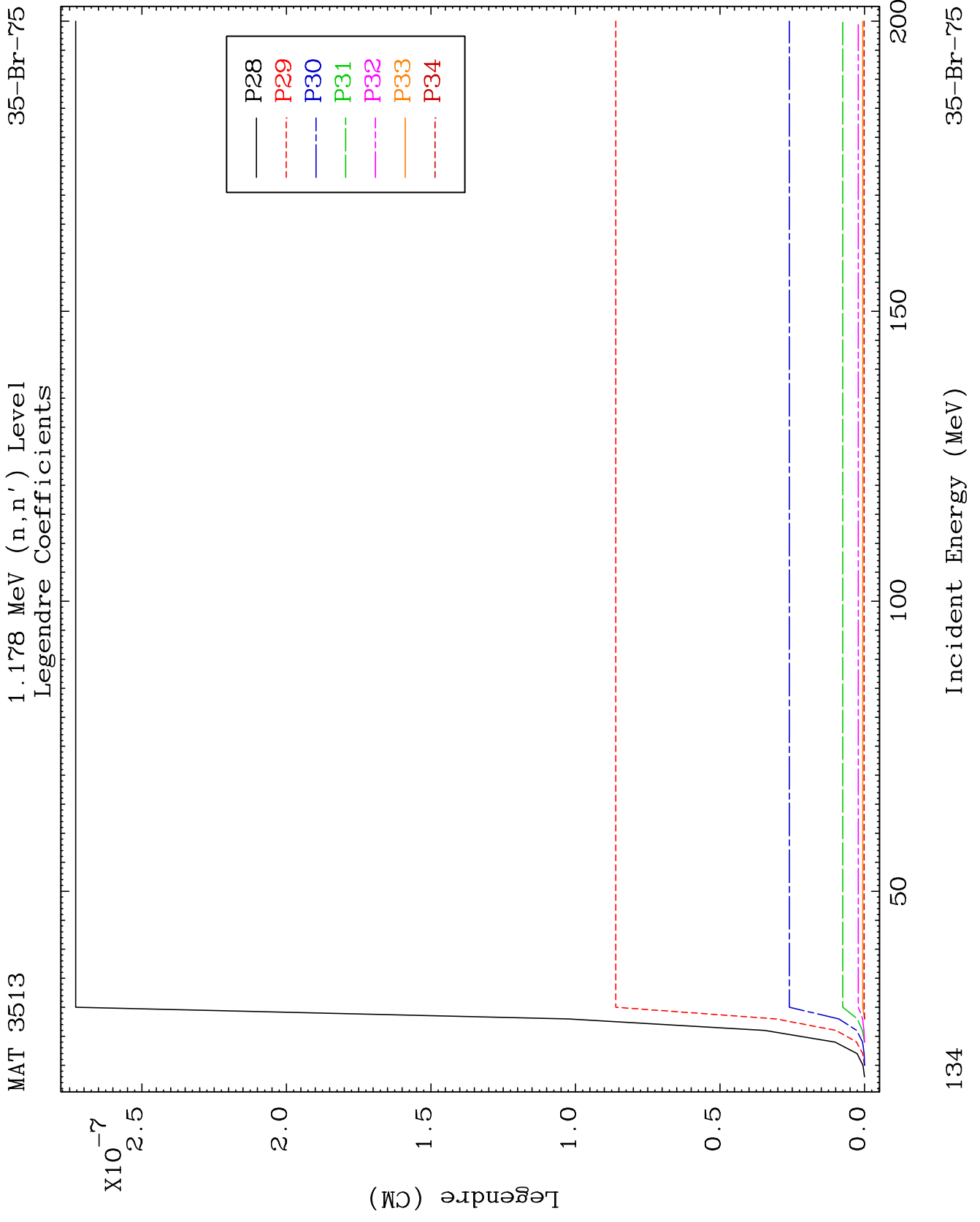
Incident Energy (MeV)

35-Br-75







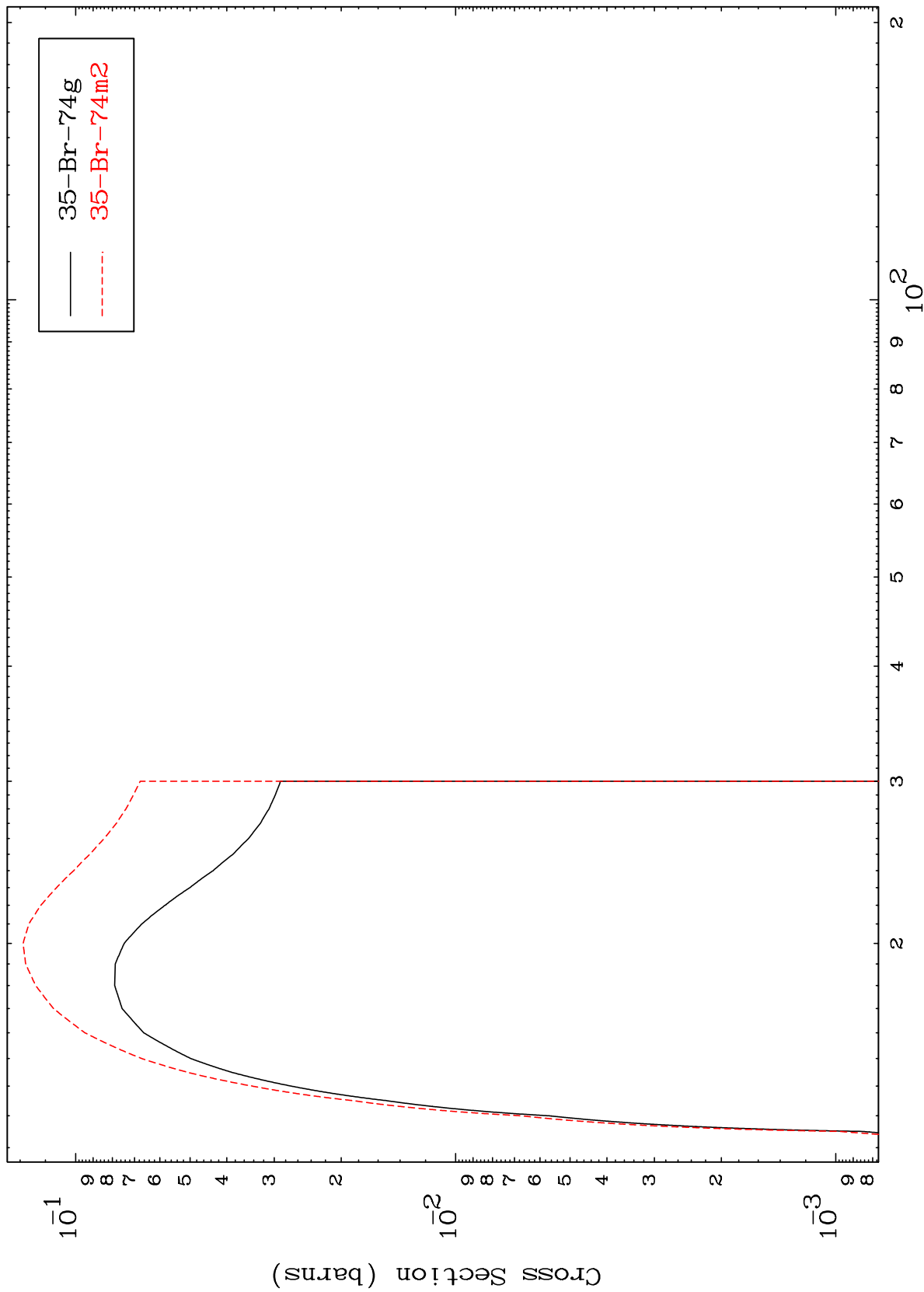


MAT 3513

³⁵Br-75

(n,2n)

Radionuclide Production Cross Section



135

Incident Energy (MeV)

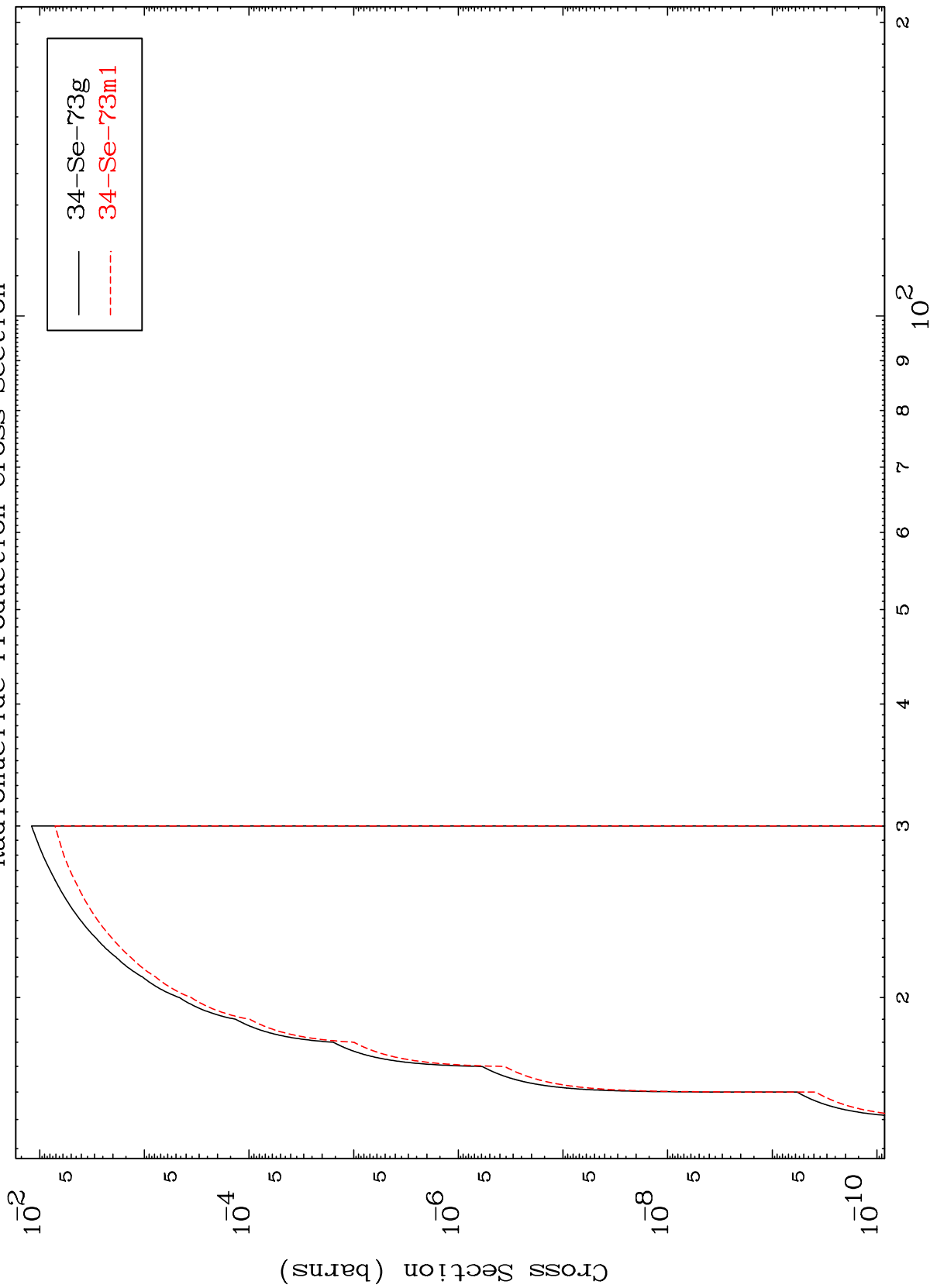
³⁵Br-75

MAT 3513

(n,n') d

35-Br-75

Radionuclide Production Cross Section



136

Incident Energy (MeV)

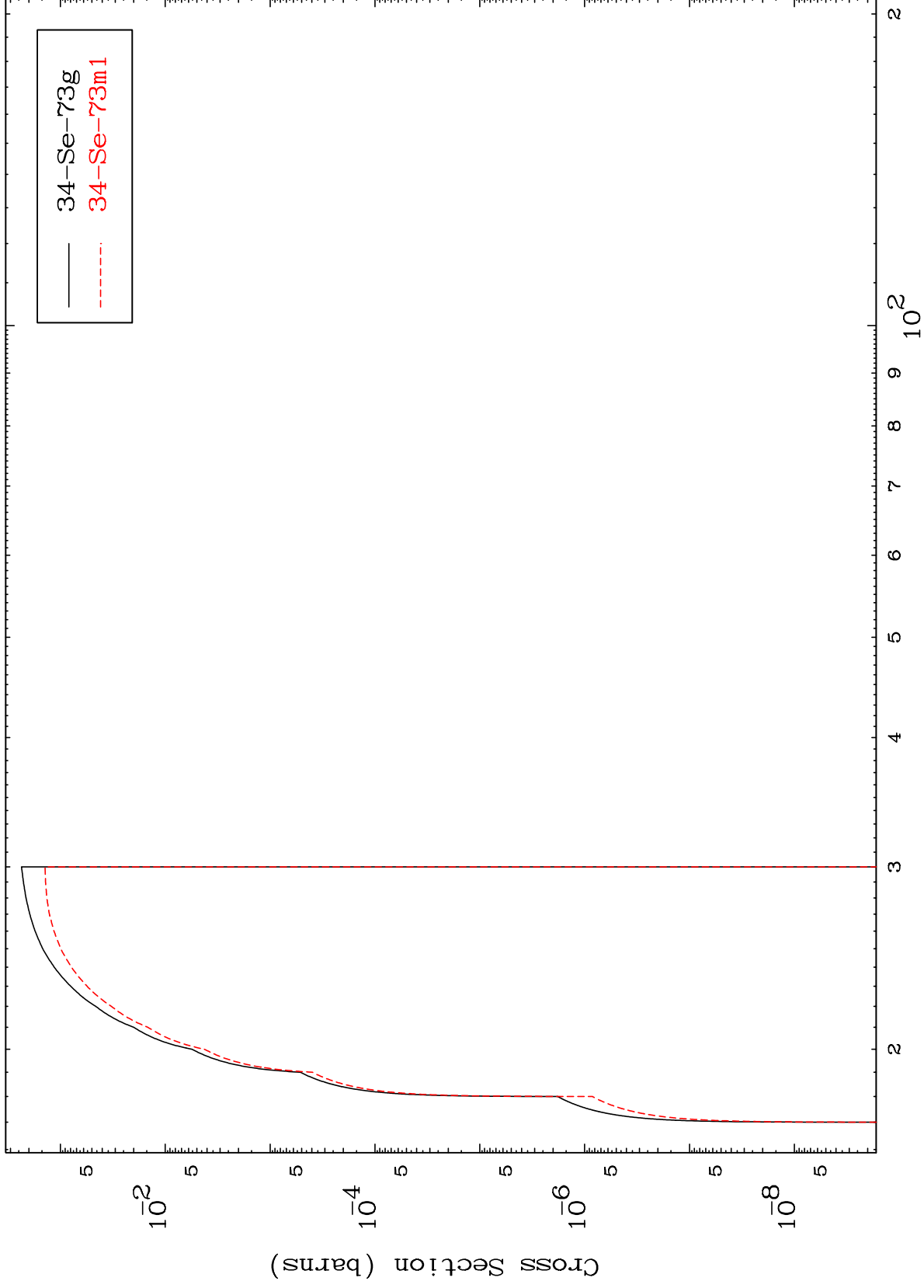
35-Br-75

MAT 3513

(n,2n) p

35-Br-75

Radionuclide Production Cross Section



137

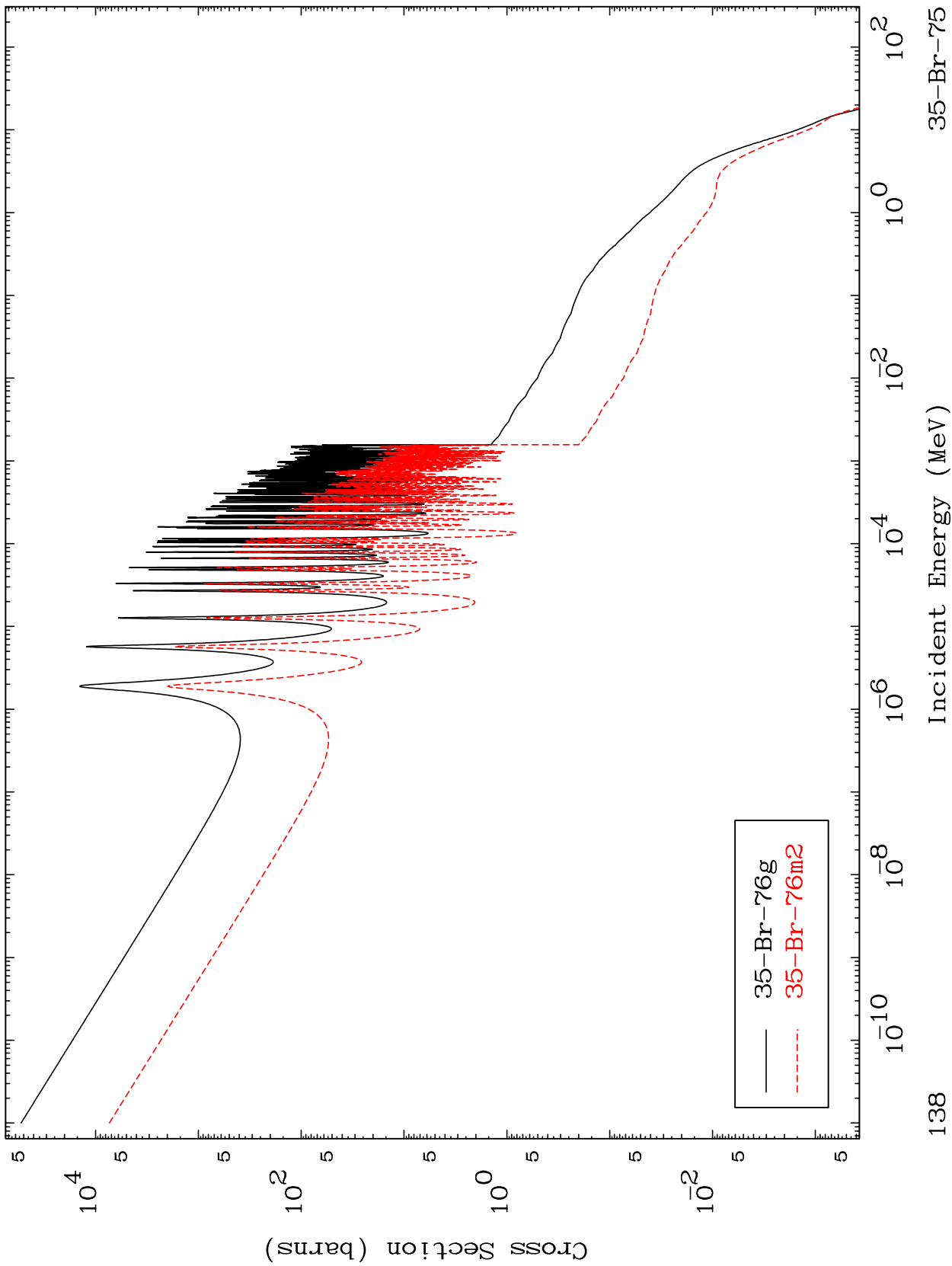
Incident Energy (MeV)

35-Br-75

MAT 3513

35-Br-75

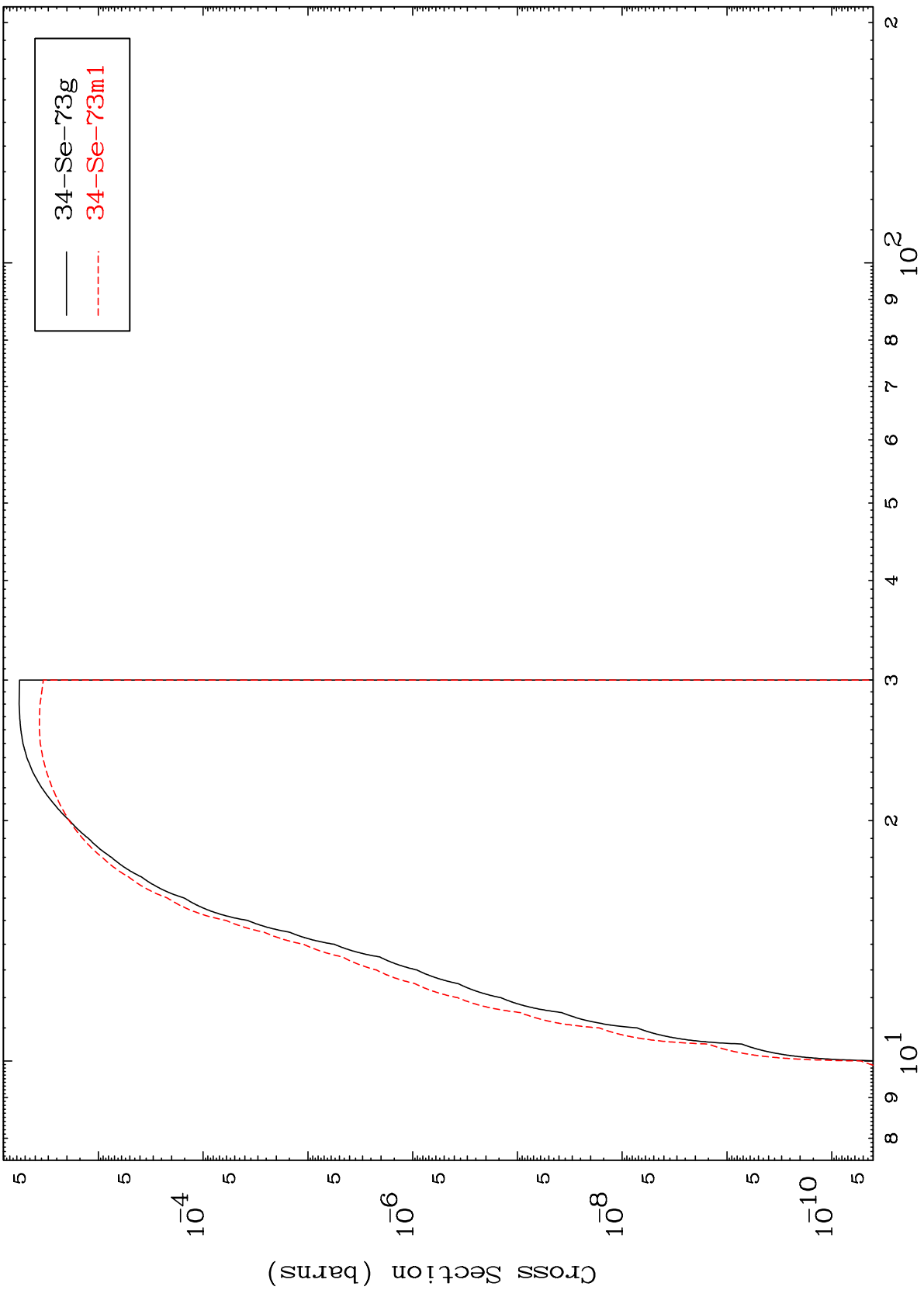
(n, γ)
Radionuclide Production Cross Section



MAT 3513

35-Br-75

(n,t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

35-Br-75