

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

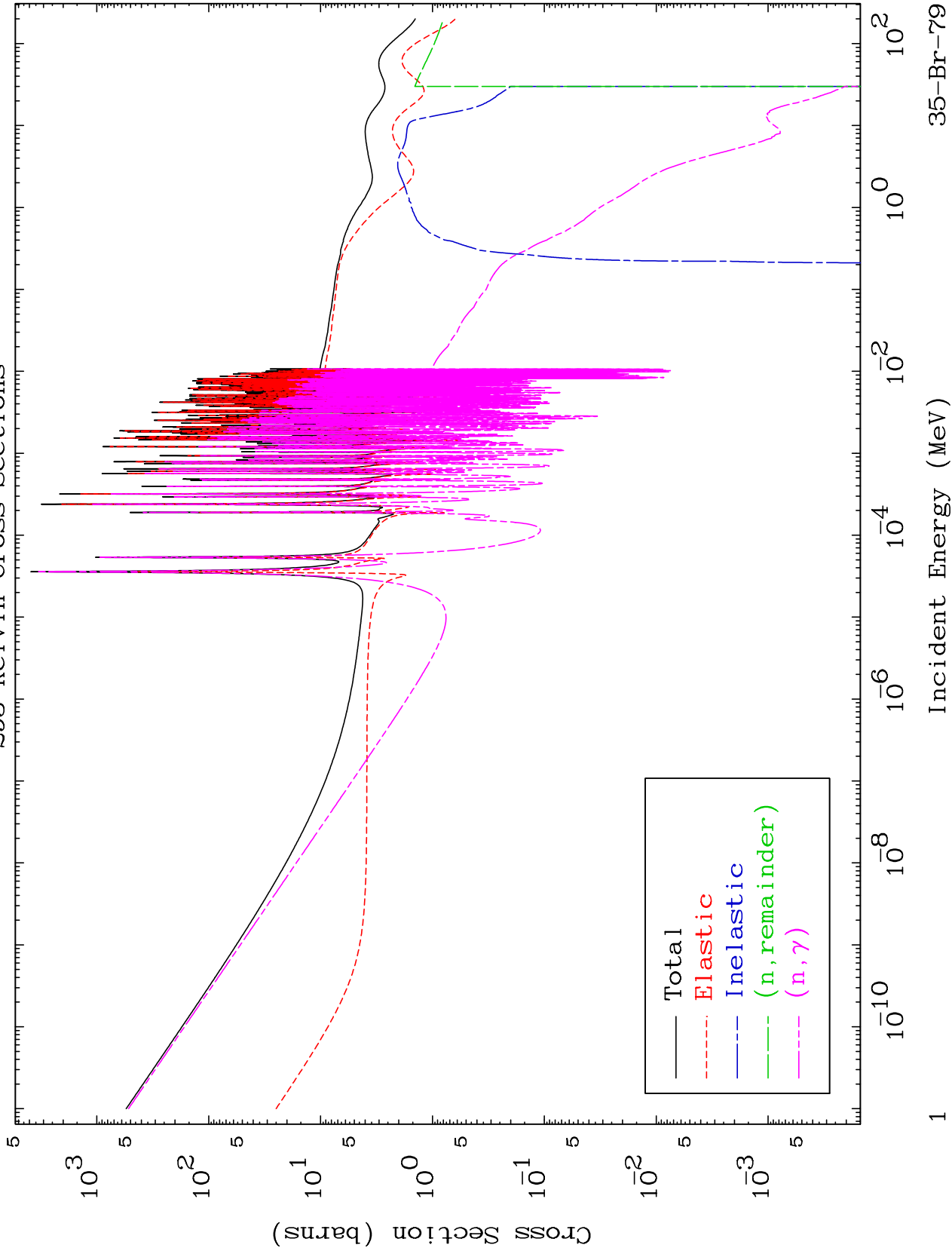
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

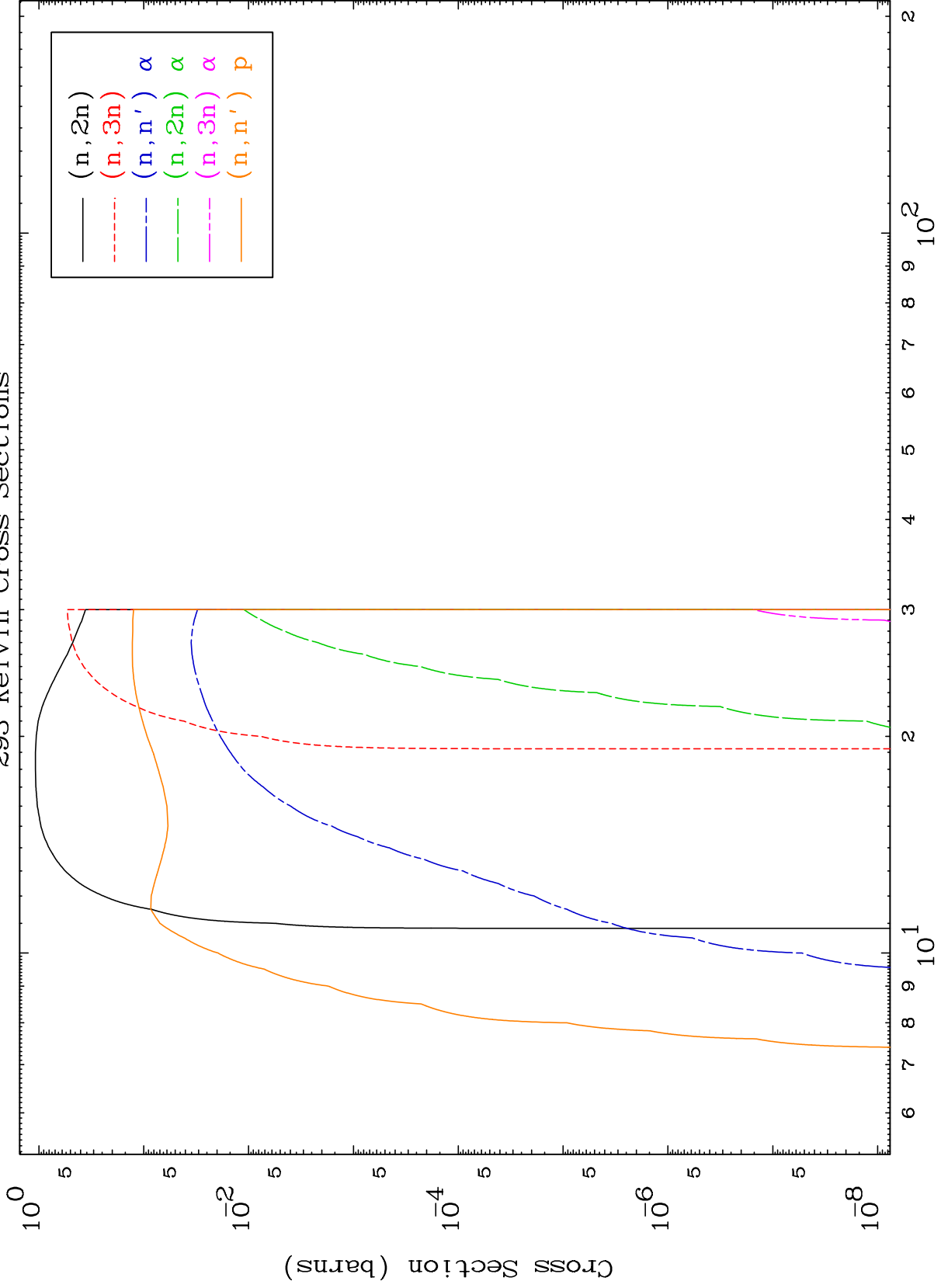
Press Mouse Button to Start

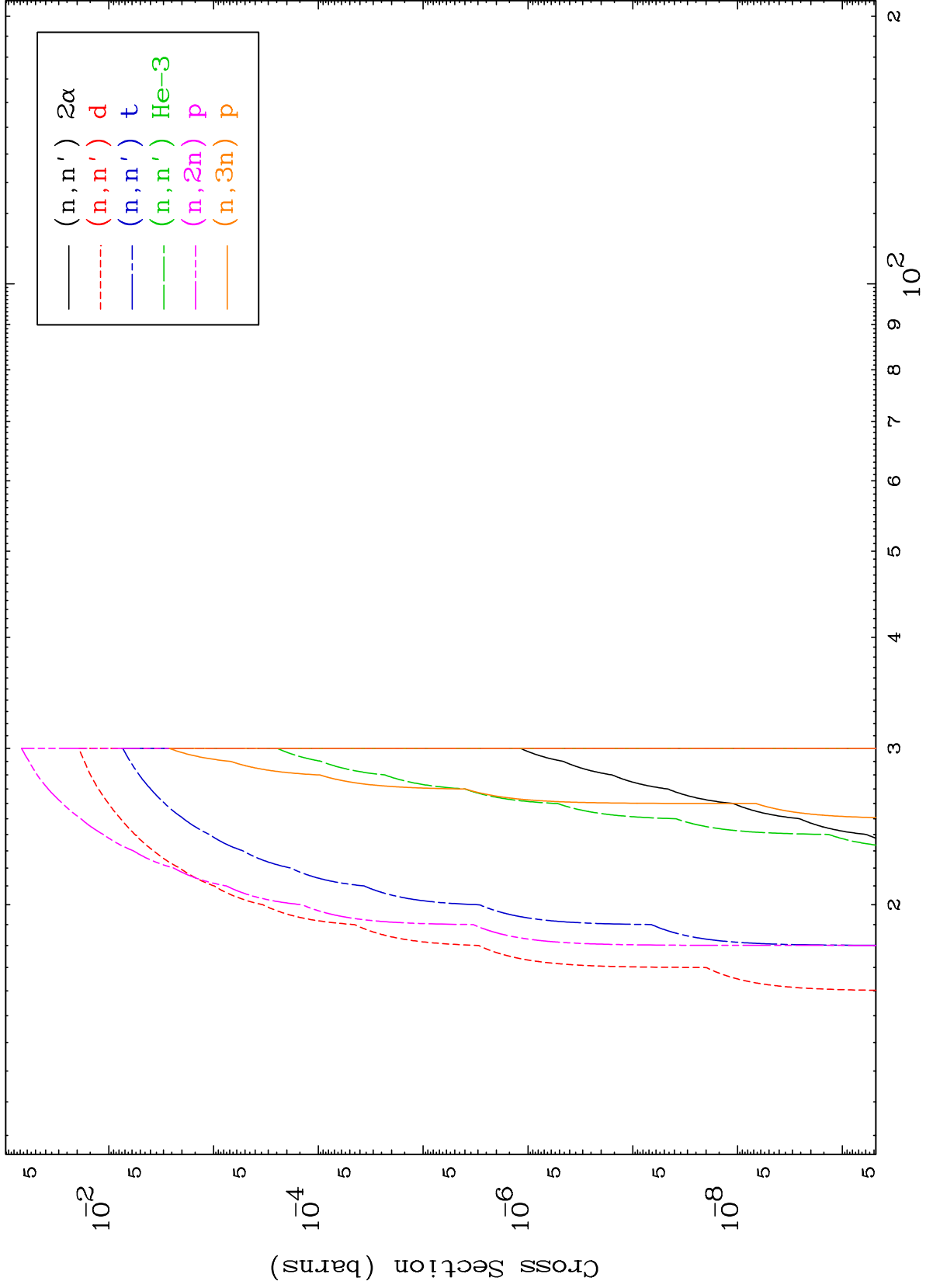
MAT 3525

Major
293 Kelvin Cross Sections

35-Br-79



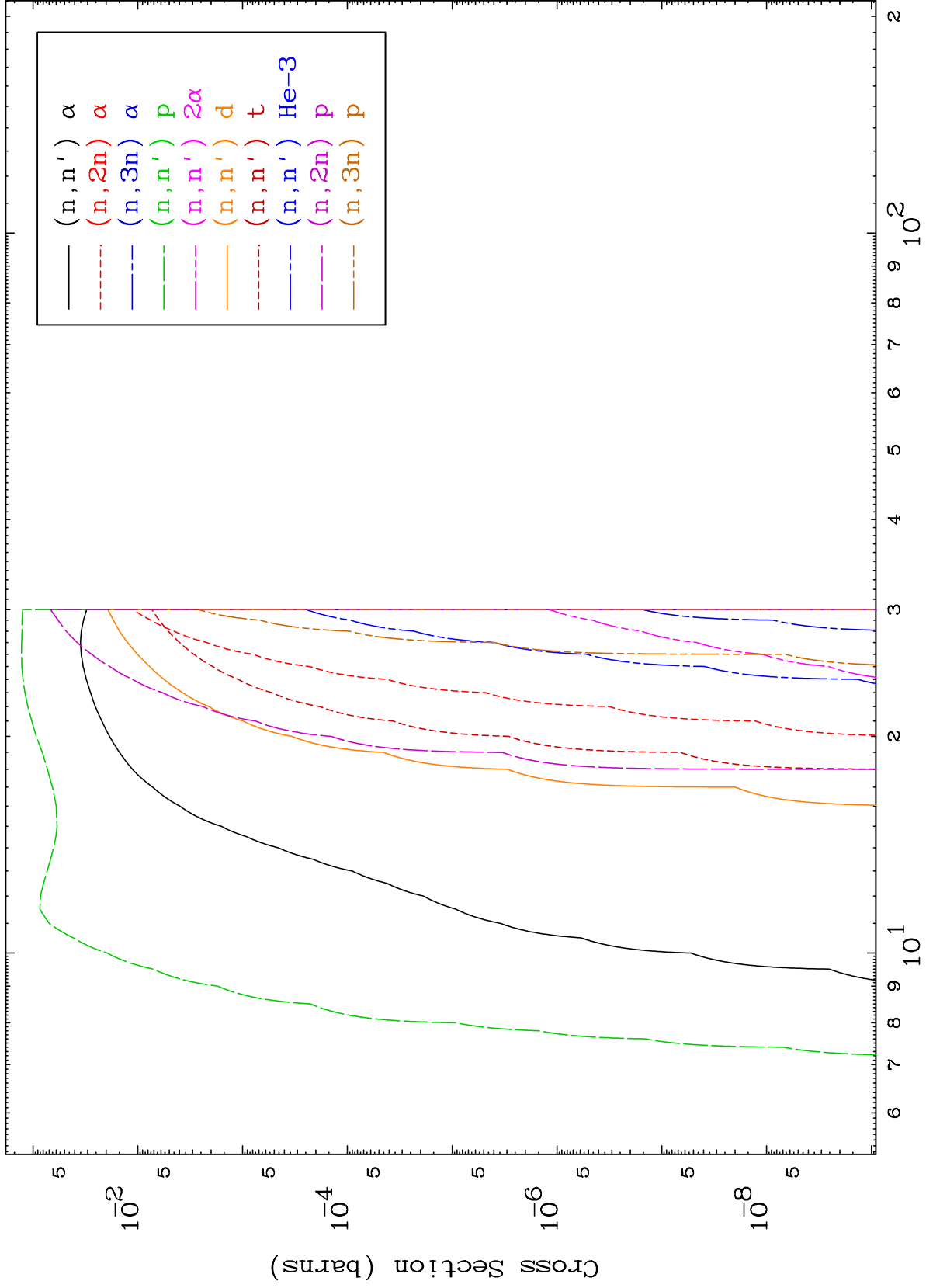




MAT 3525

Charged Particle
293 Kelvin Cross Sections

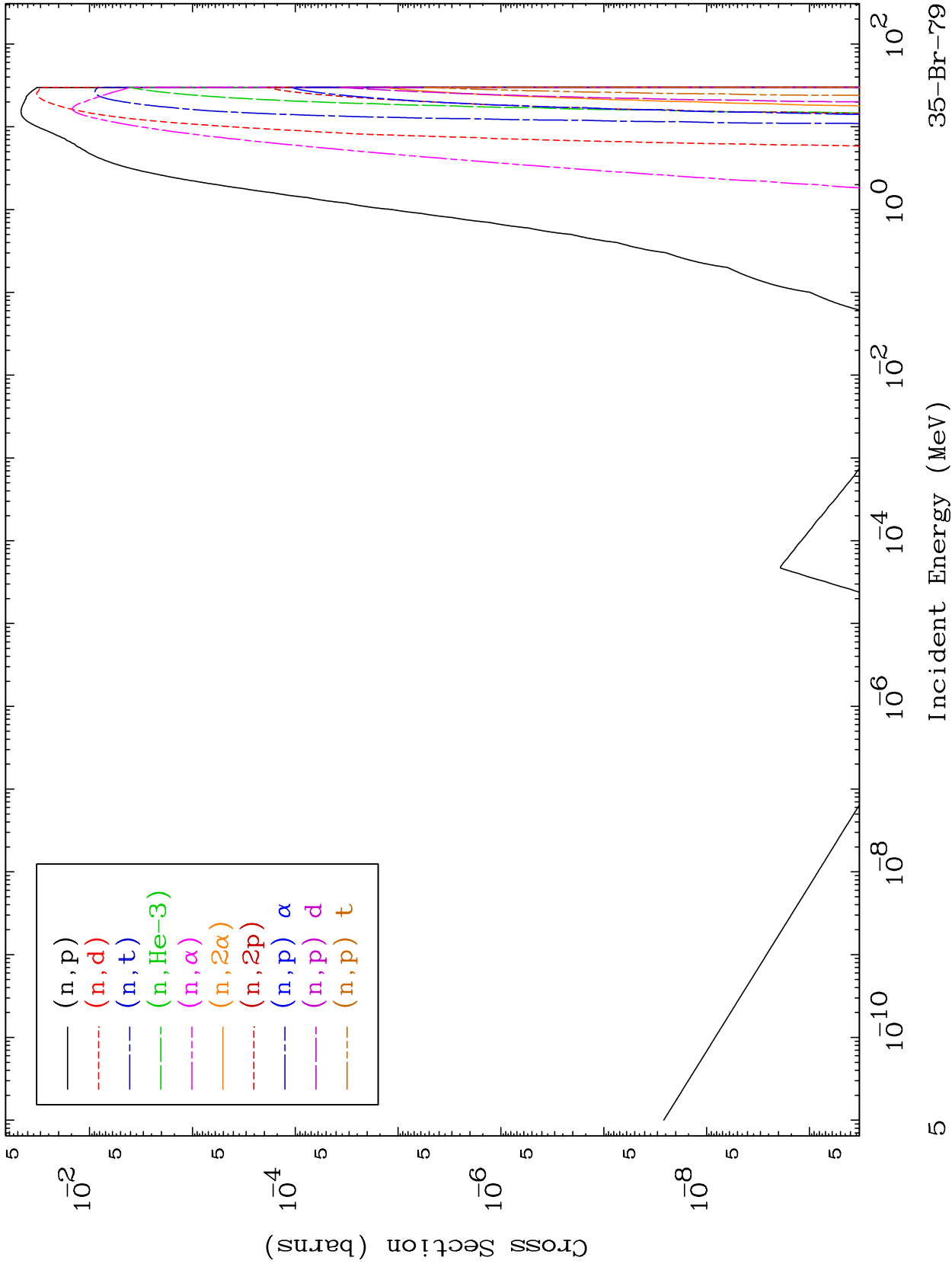
35-Br-79



MAT 3525

Charged Particle
293 Kelvin Cross Sections

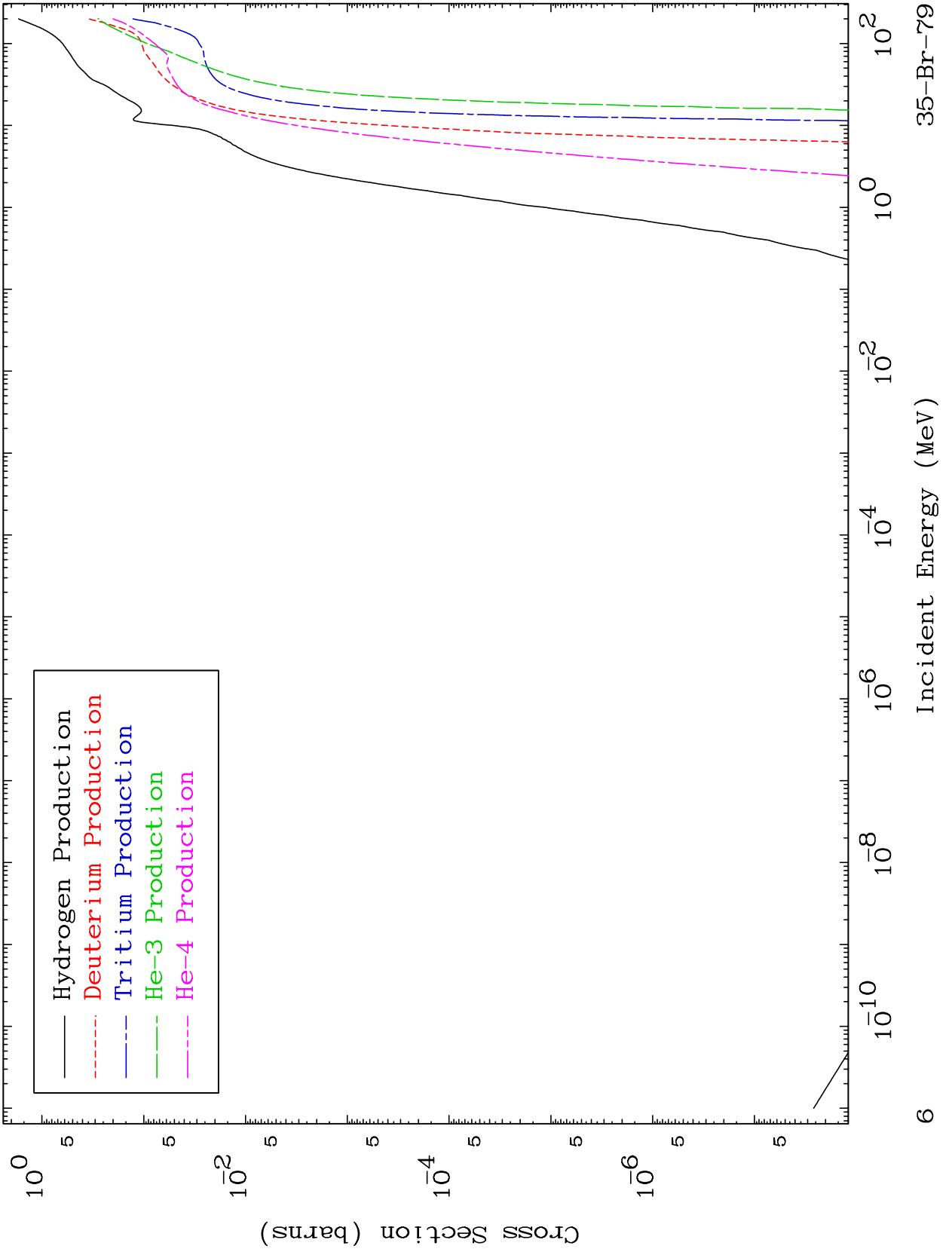
35-Br-79



MAT 3525

Particle Production
293 Kelvin Cross Sections

35-Br-79

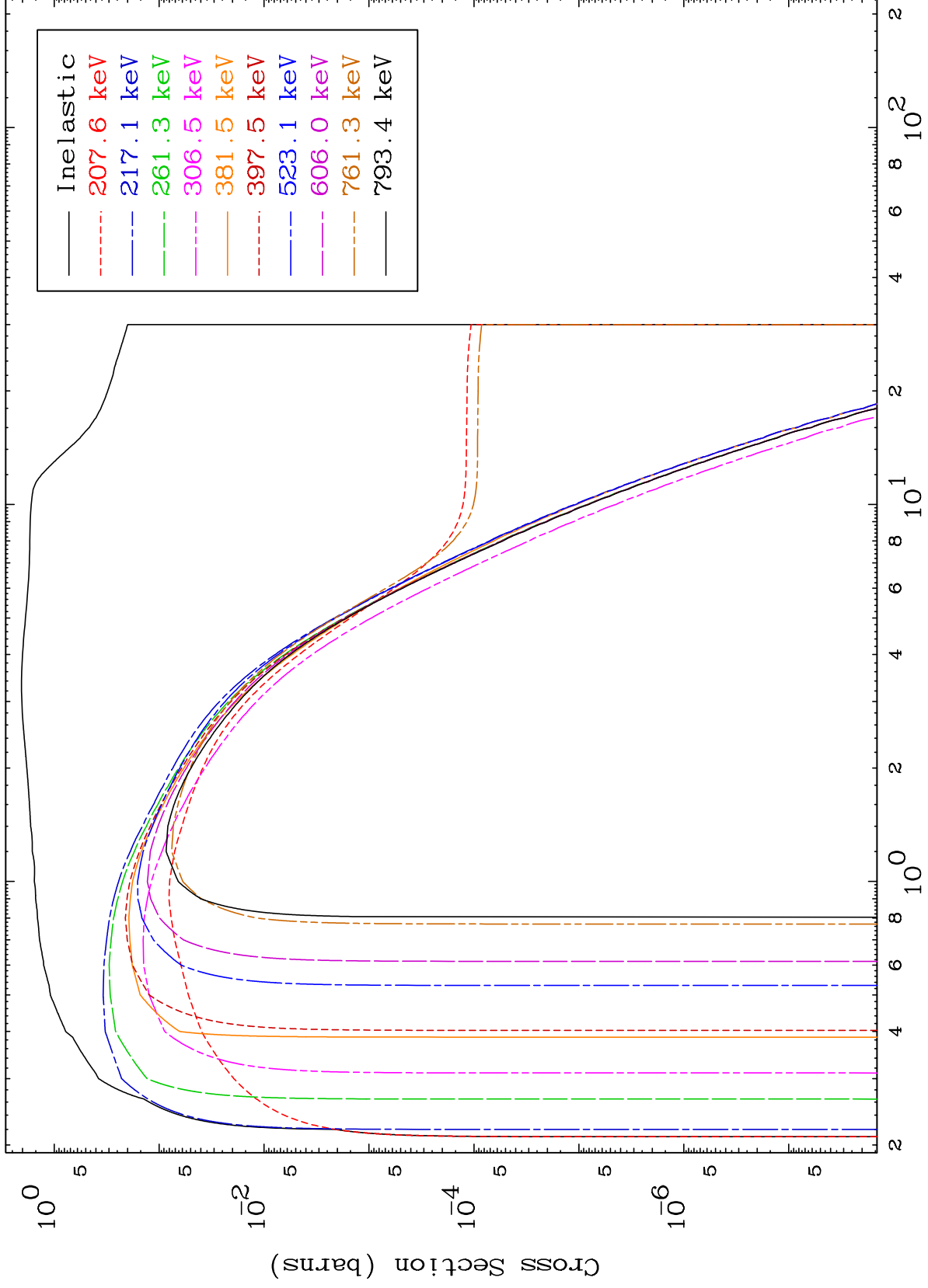


MAT 3525

(n,n') Level

35-Br-79

293 Kelvin Cross Sections



7

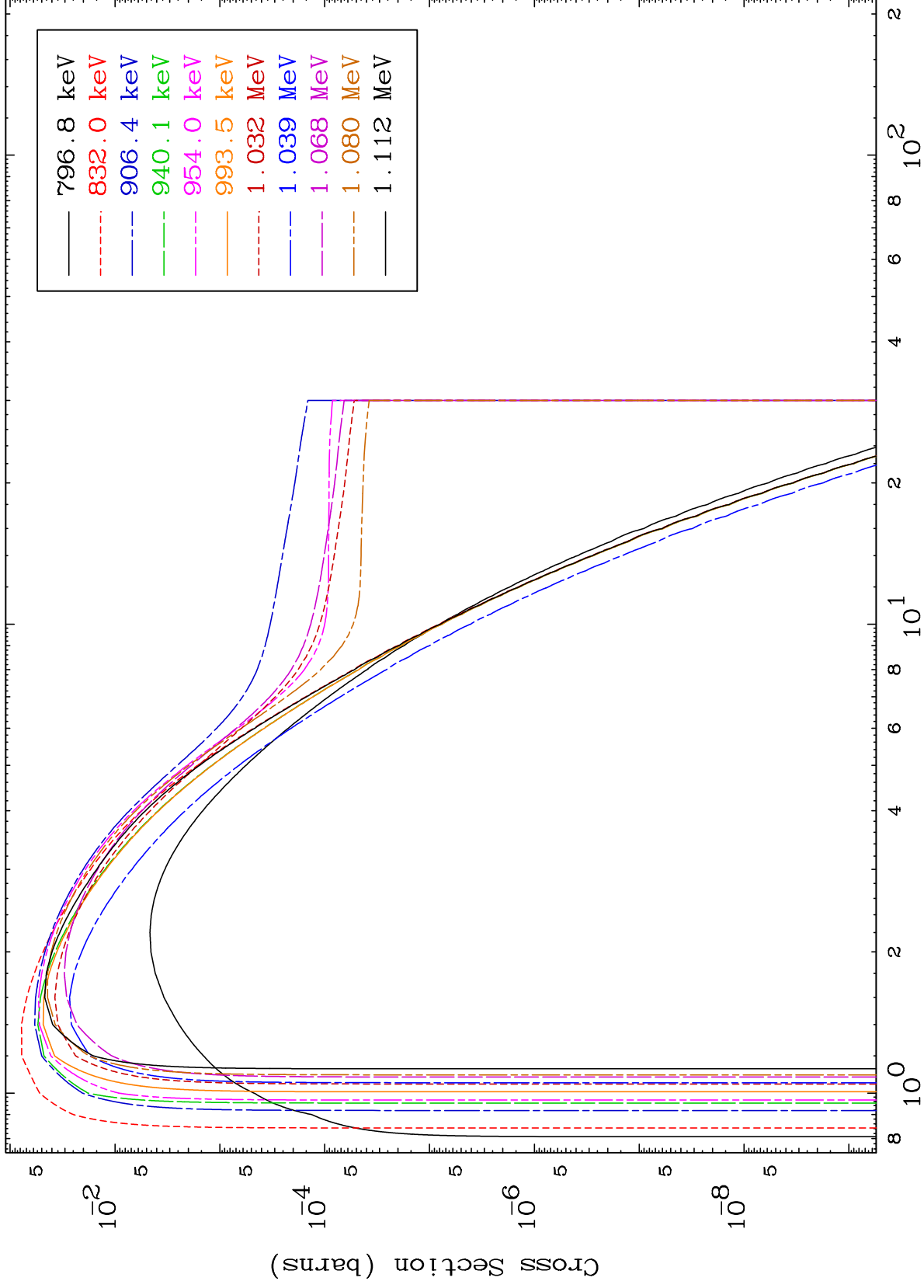
Incident Energy (MeV)

35-Br-79

MAT 3525

(n,n') Level
293 Kelvin Cross Sections

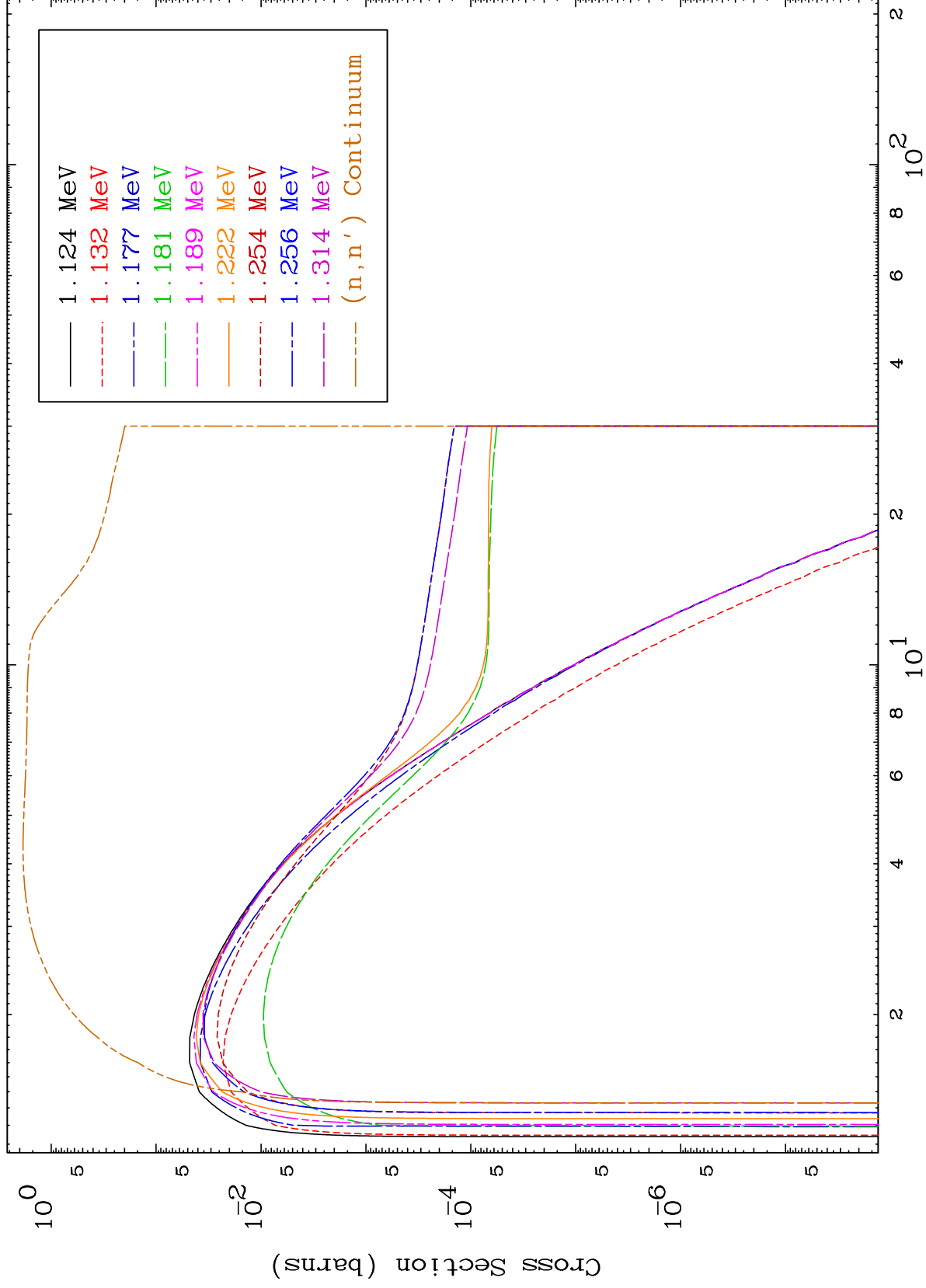
35-Br-79



Incident Energy (MeV)

35-Br-79

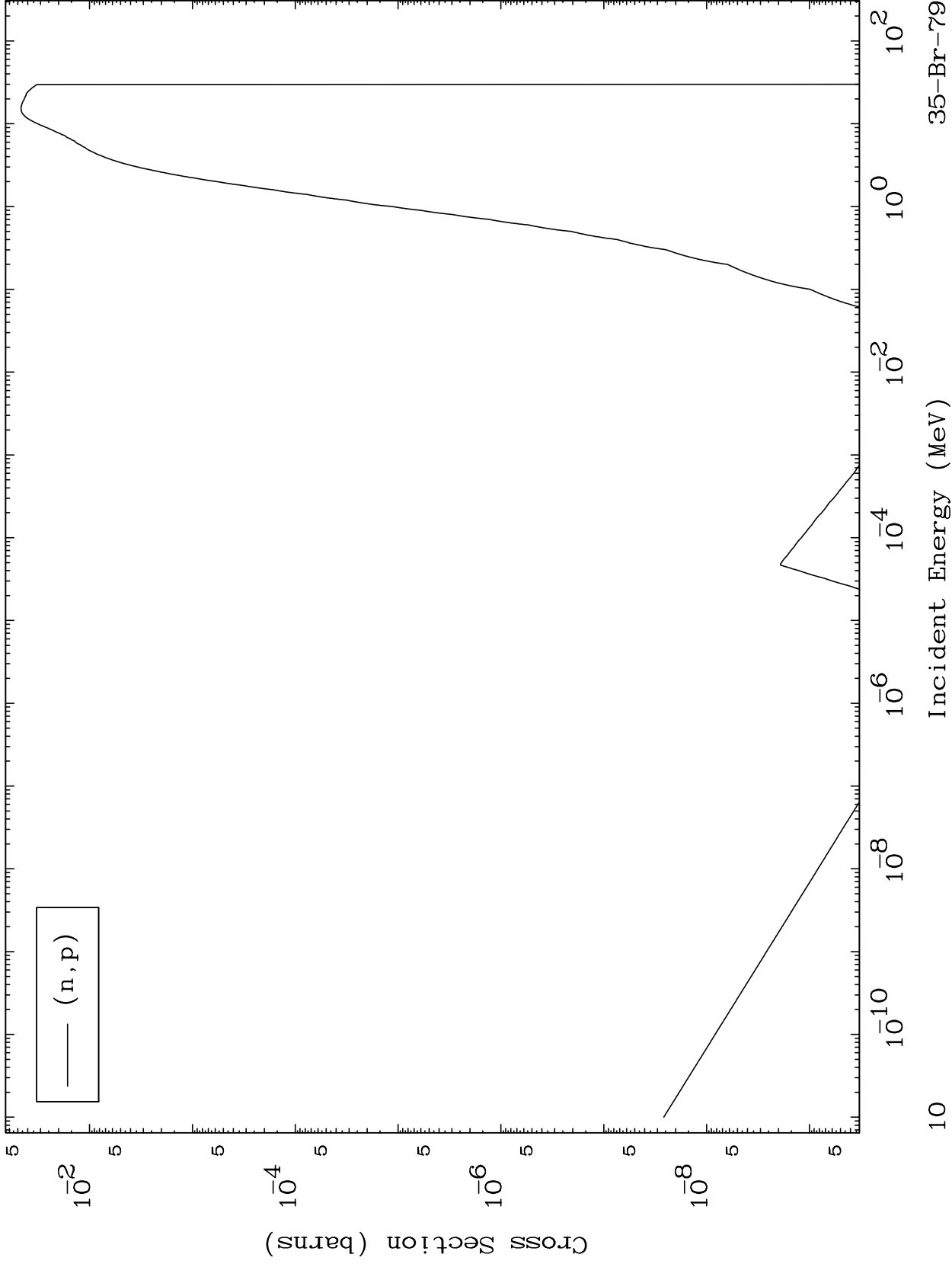
293 Kelvin Cross Sections

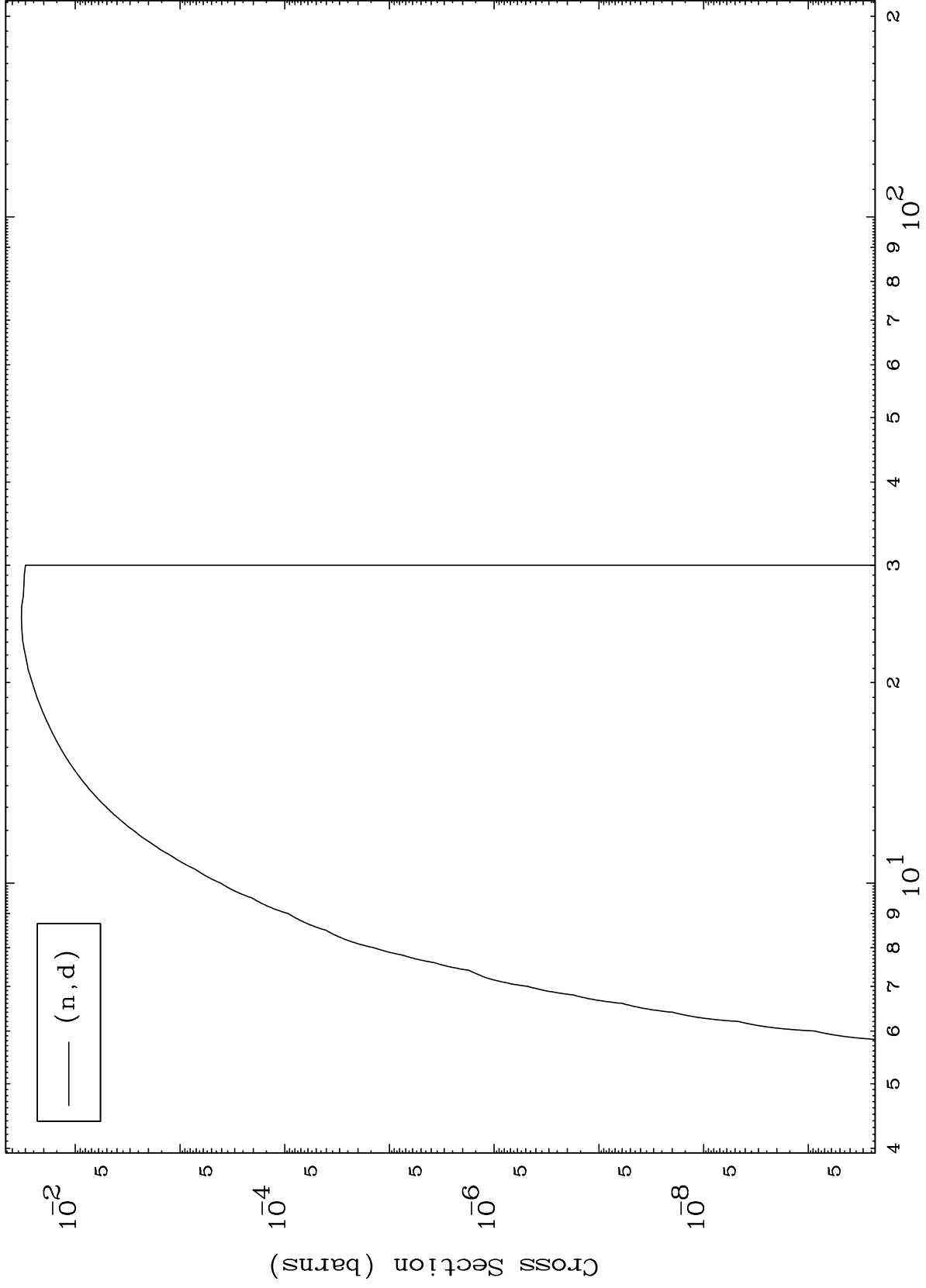


MAT 3525

(n,p) Levels
293 Kelvin Cross Sections

35-Br-79

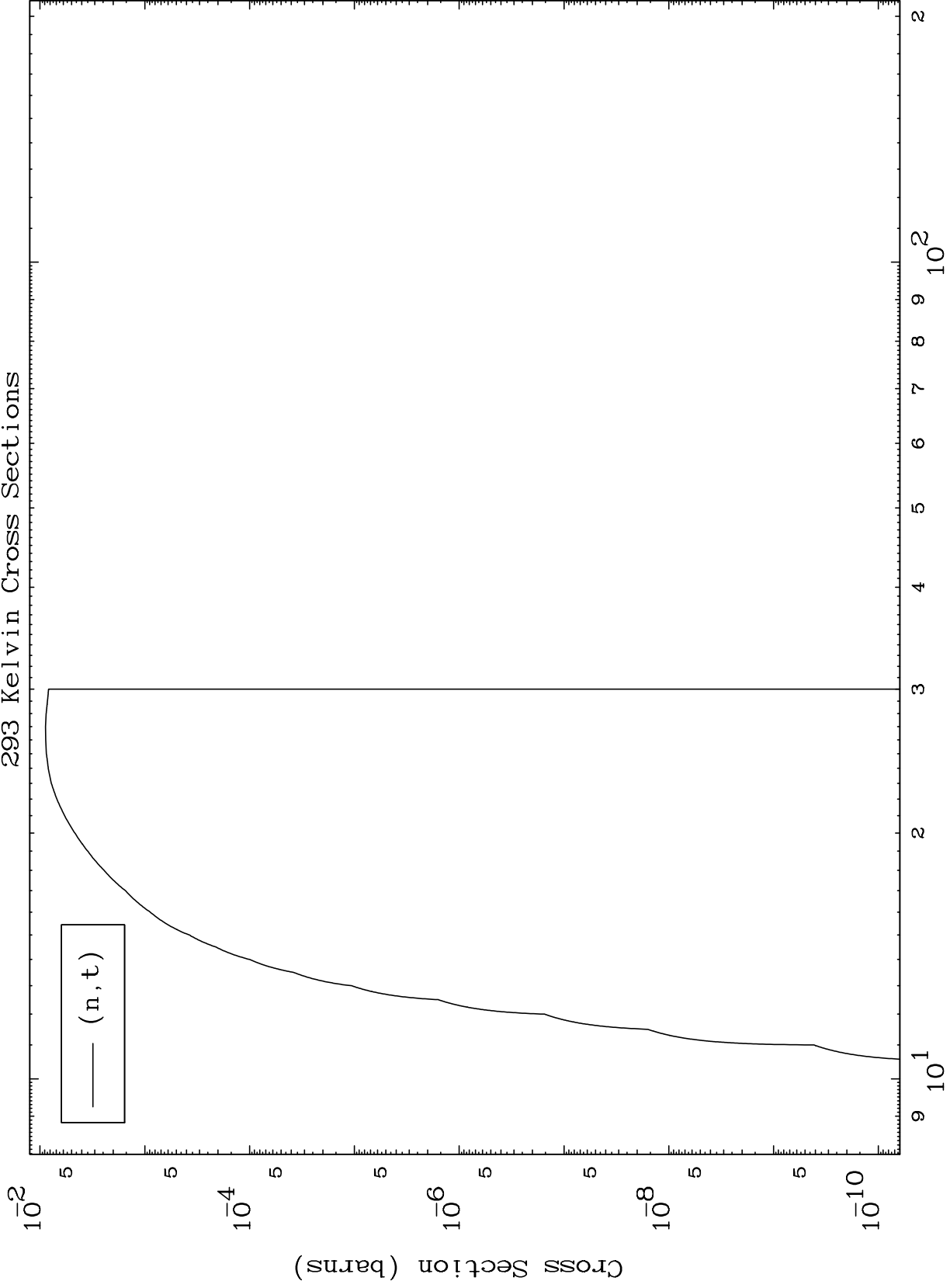




MAT 3525

(n,t) Levels
293 Kelvin Cross Sections

³⁵Br-79



12

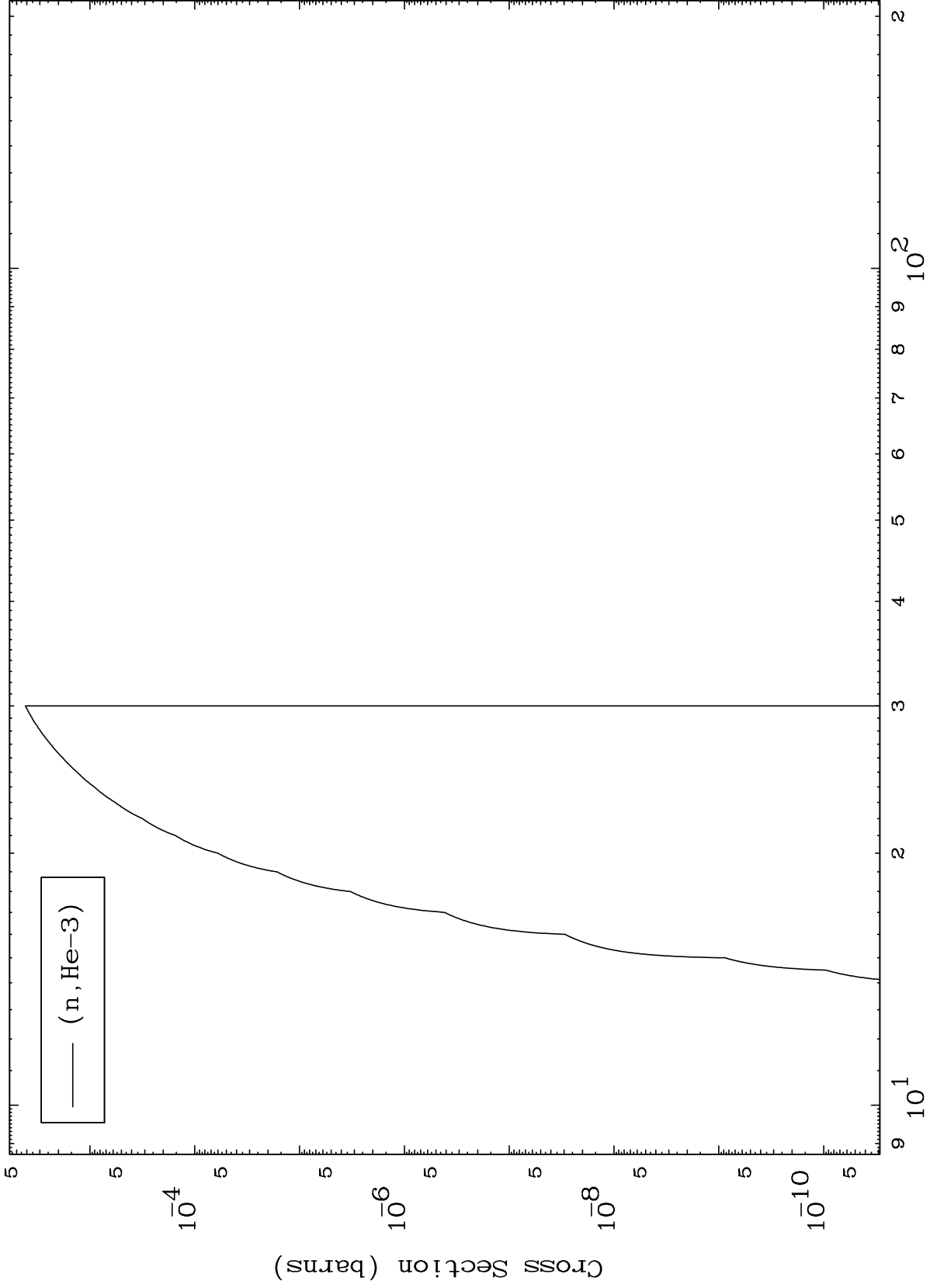
Incident Energy (MeV)

³⁵Br-79

MAT 3525

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-79



13

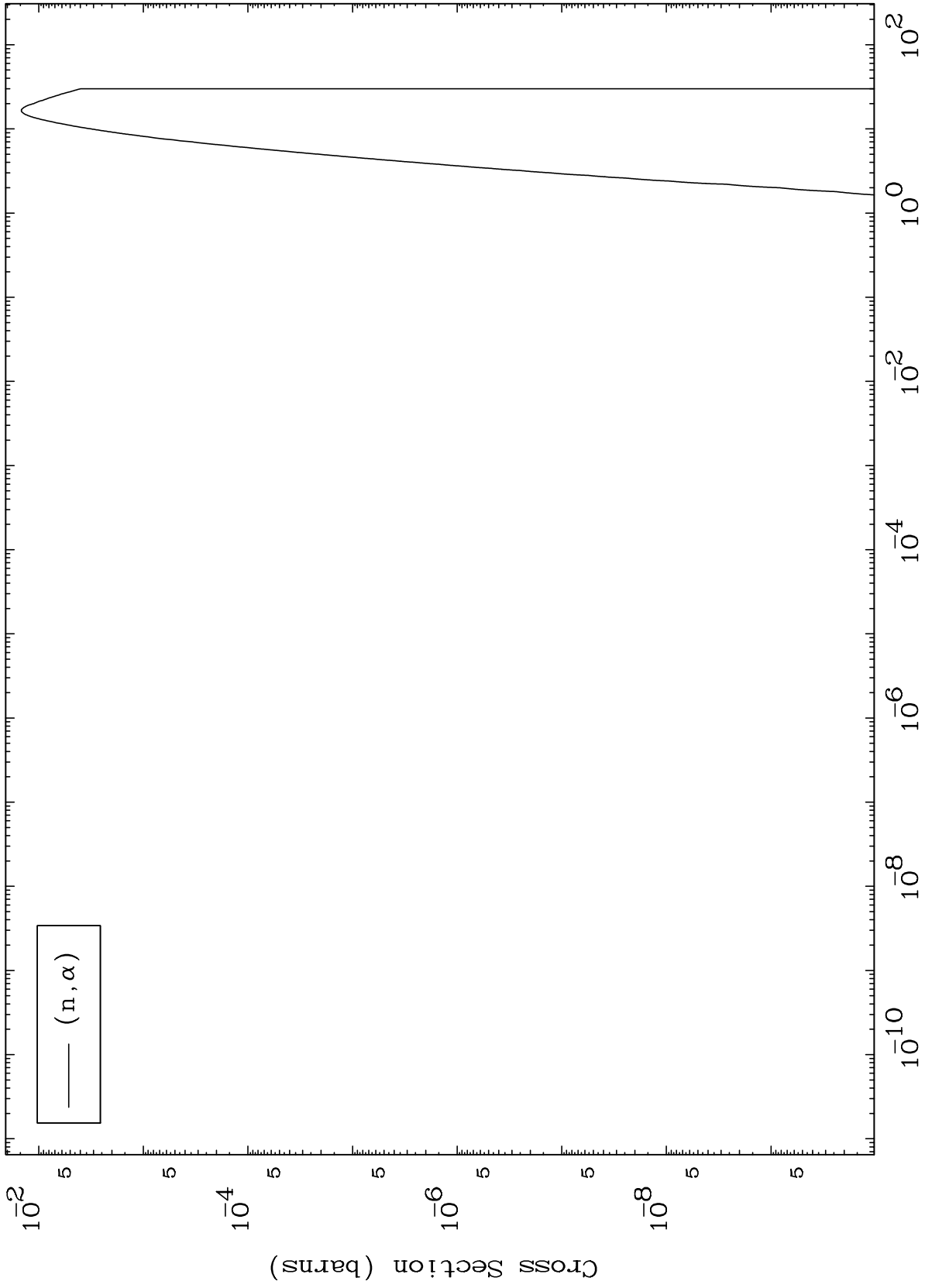
Incident Energy (MeV)

35-Br-79

MAT 3525

(n, α) Levels
293 Kelvin Cross Sections

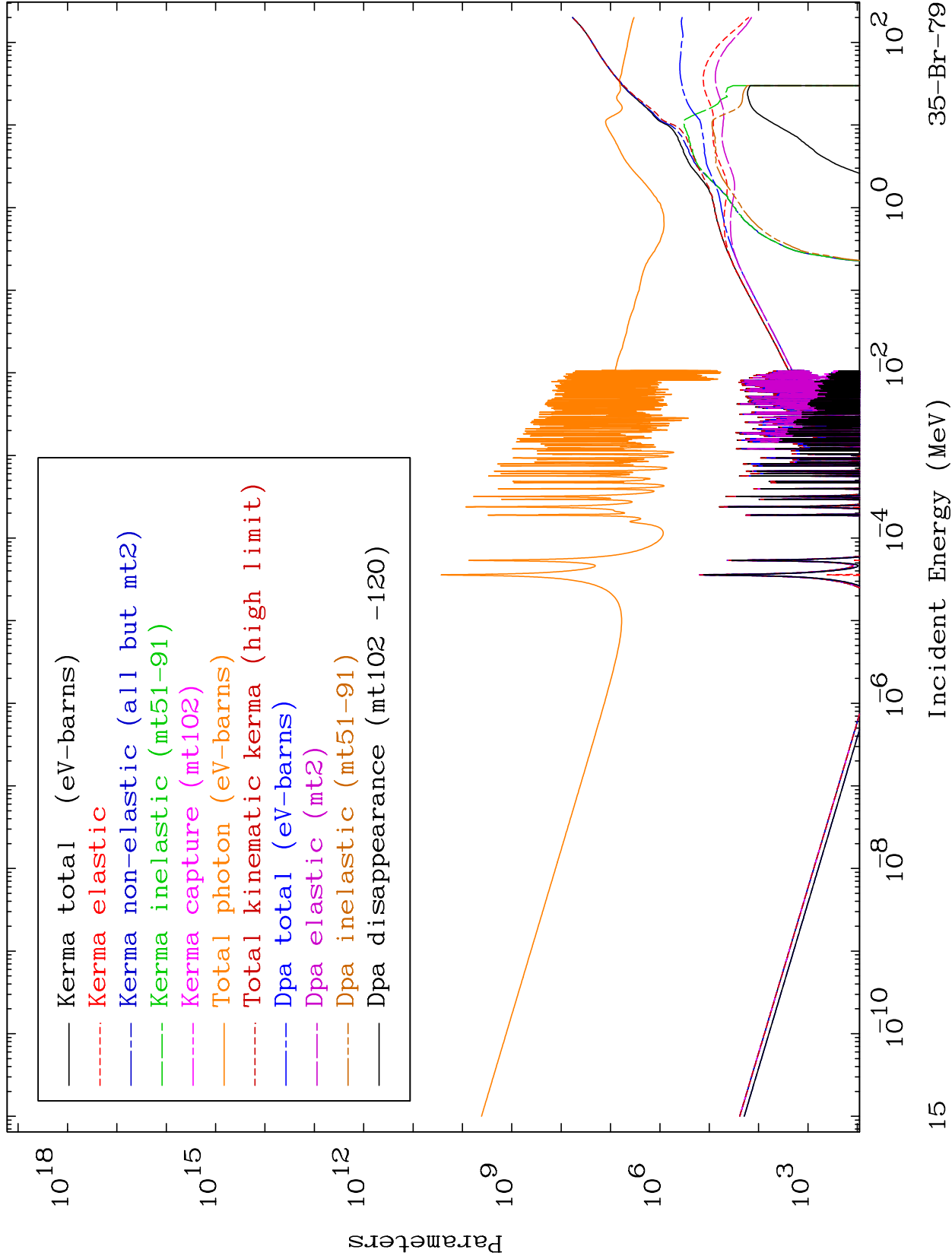
35-Br-79



14

Incident Energy (MeV)

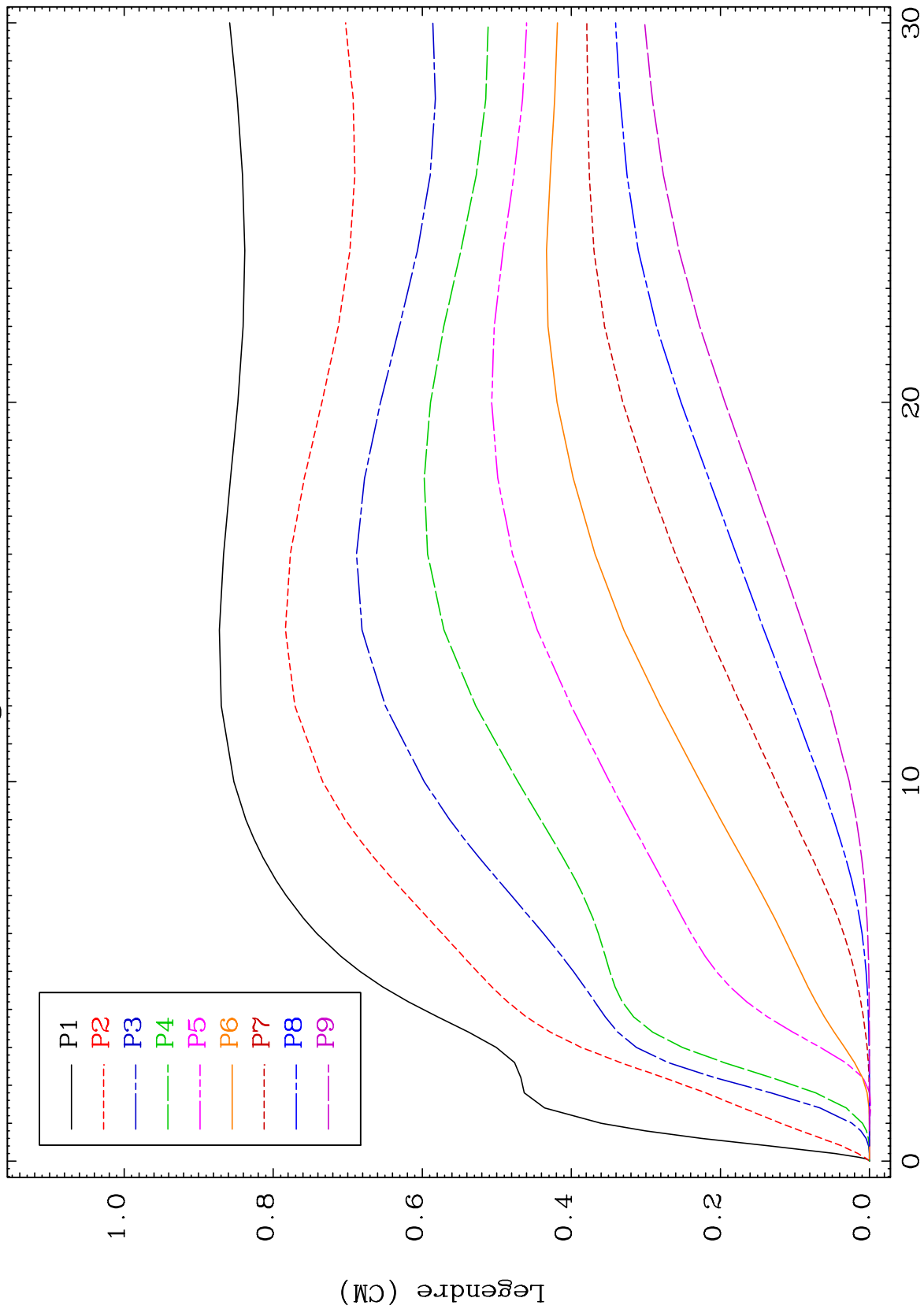
35-Br-79



MAT 3525

Elastic Legendre Coefficients

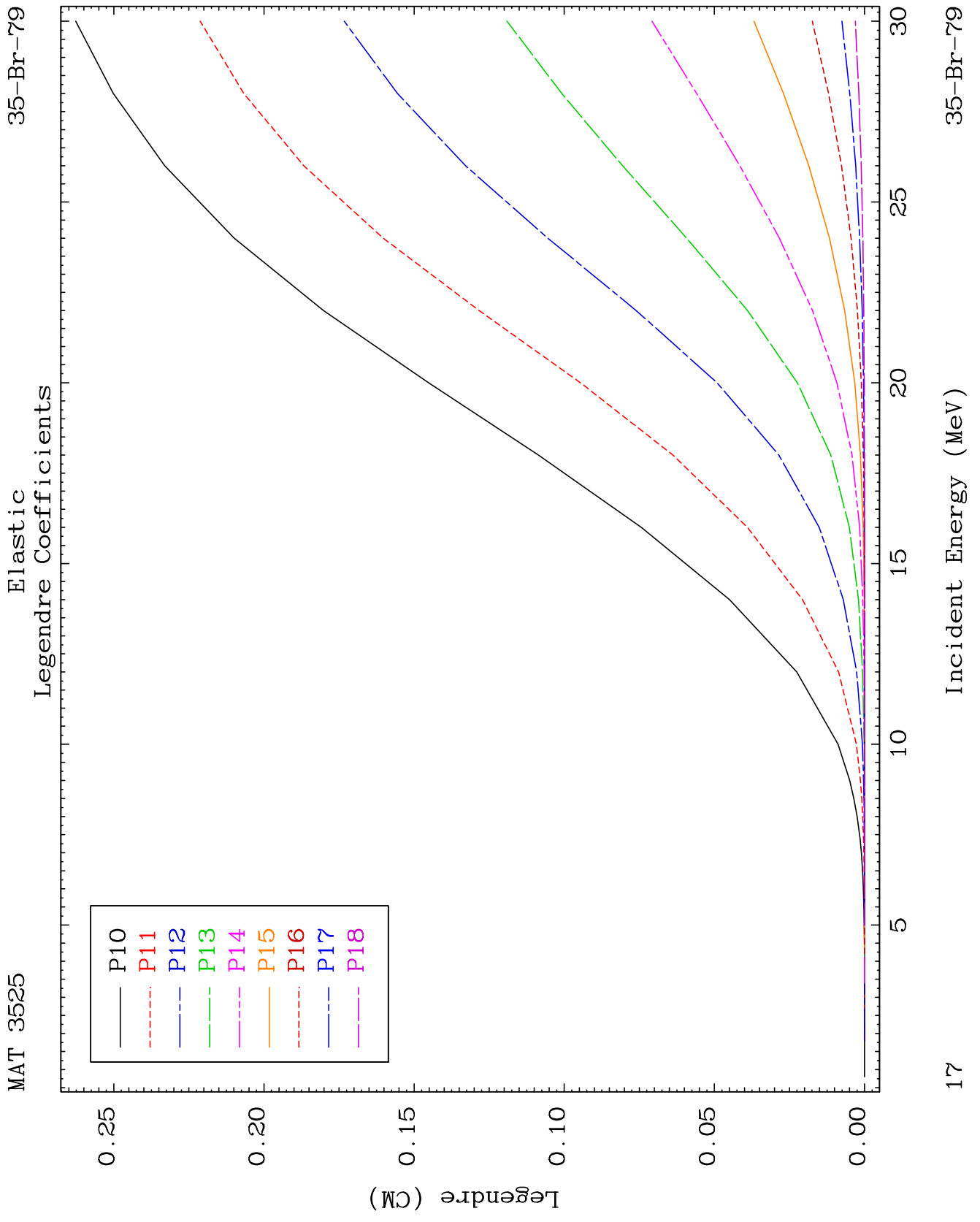
³⁵Br-79



16

Incident Energy (MeV)

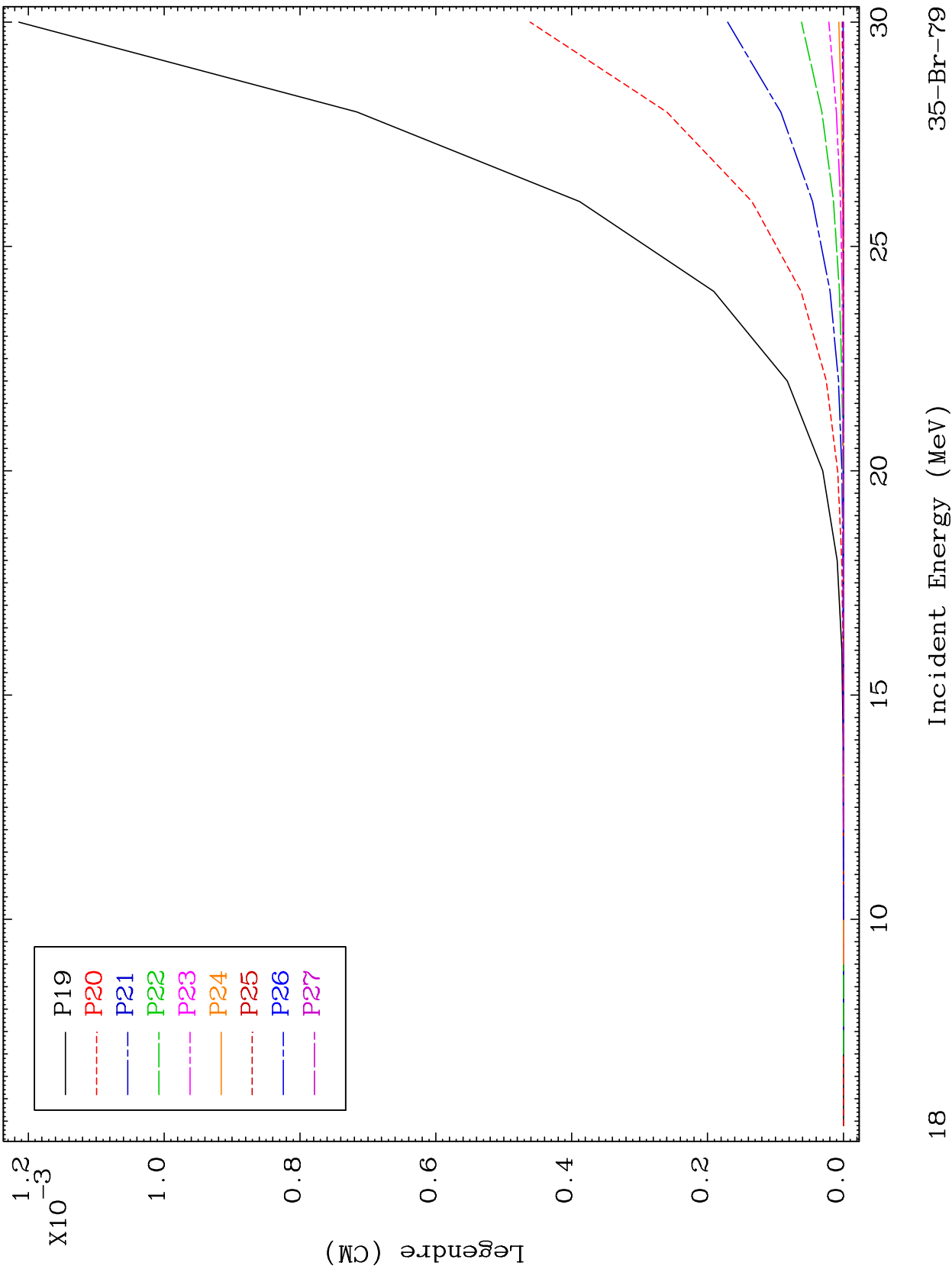
³⁵Br-79



MAT 3525

Elastic Legendre Coefficients

35-Br-79



18

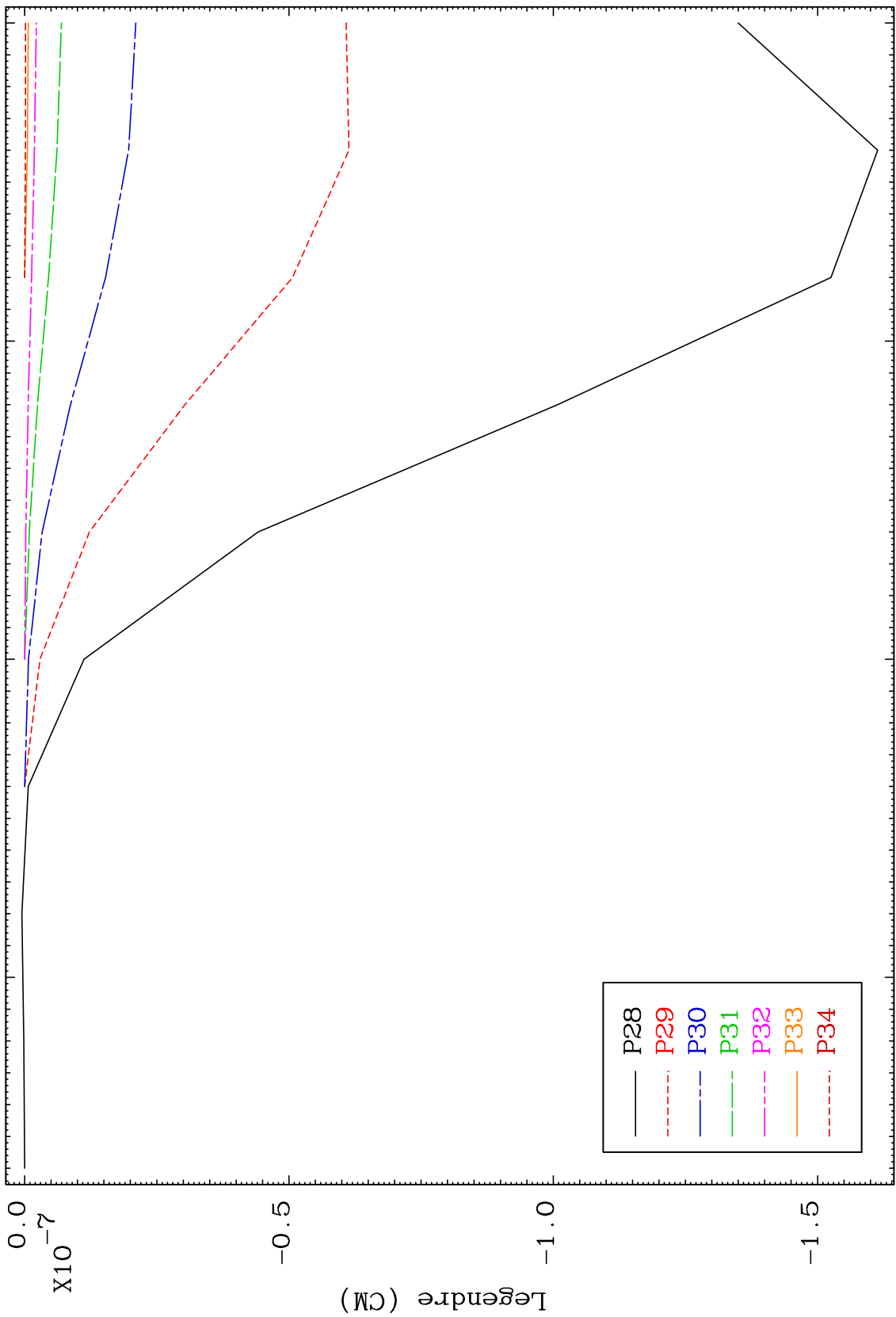
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

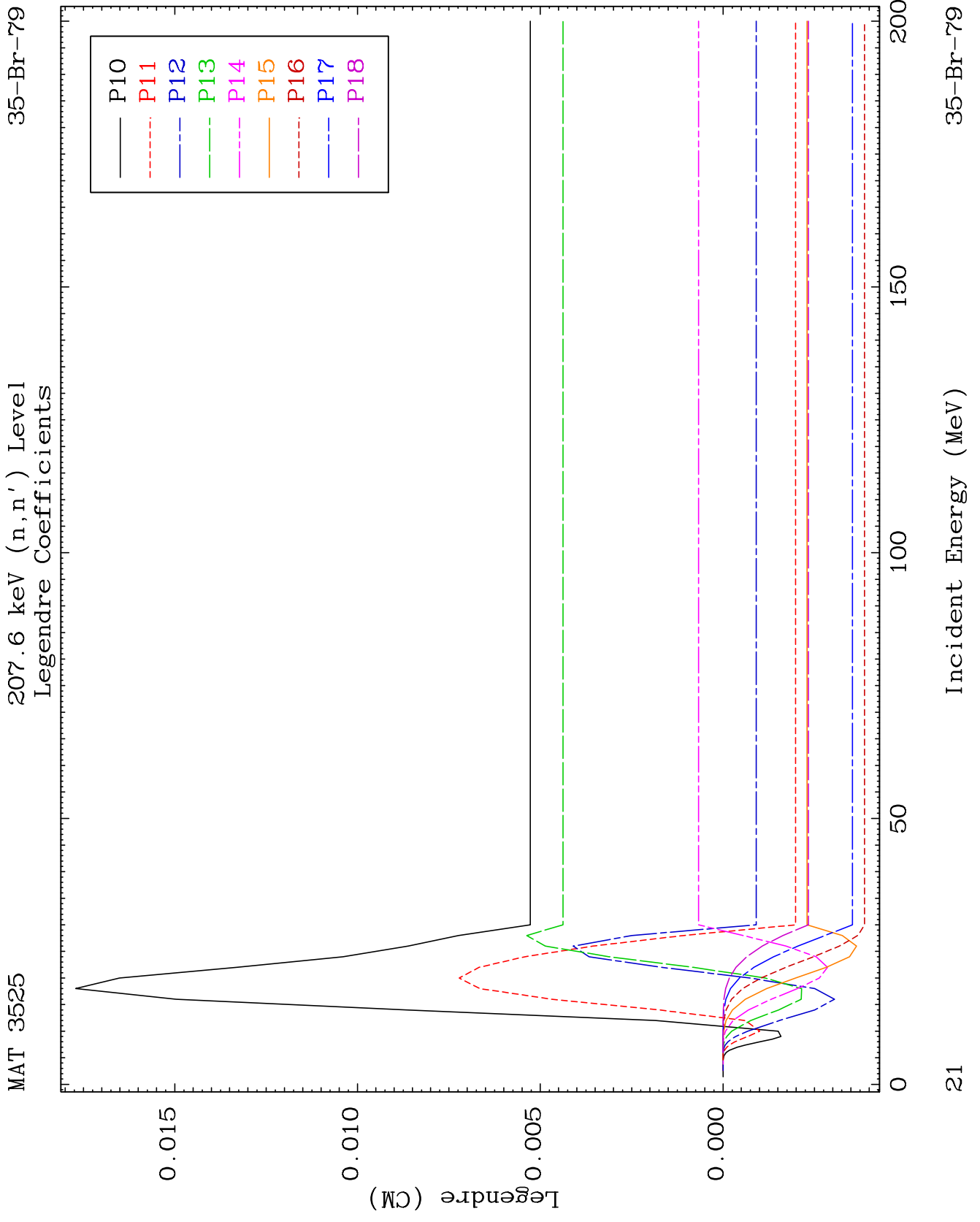
Elastic Legendre Coefficients

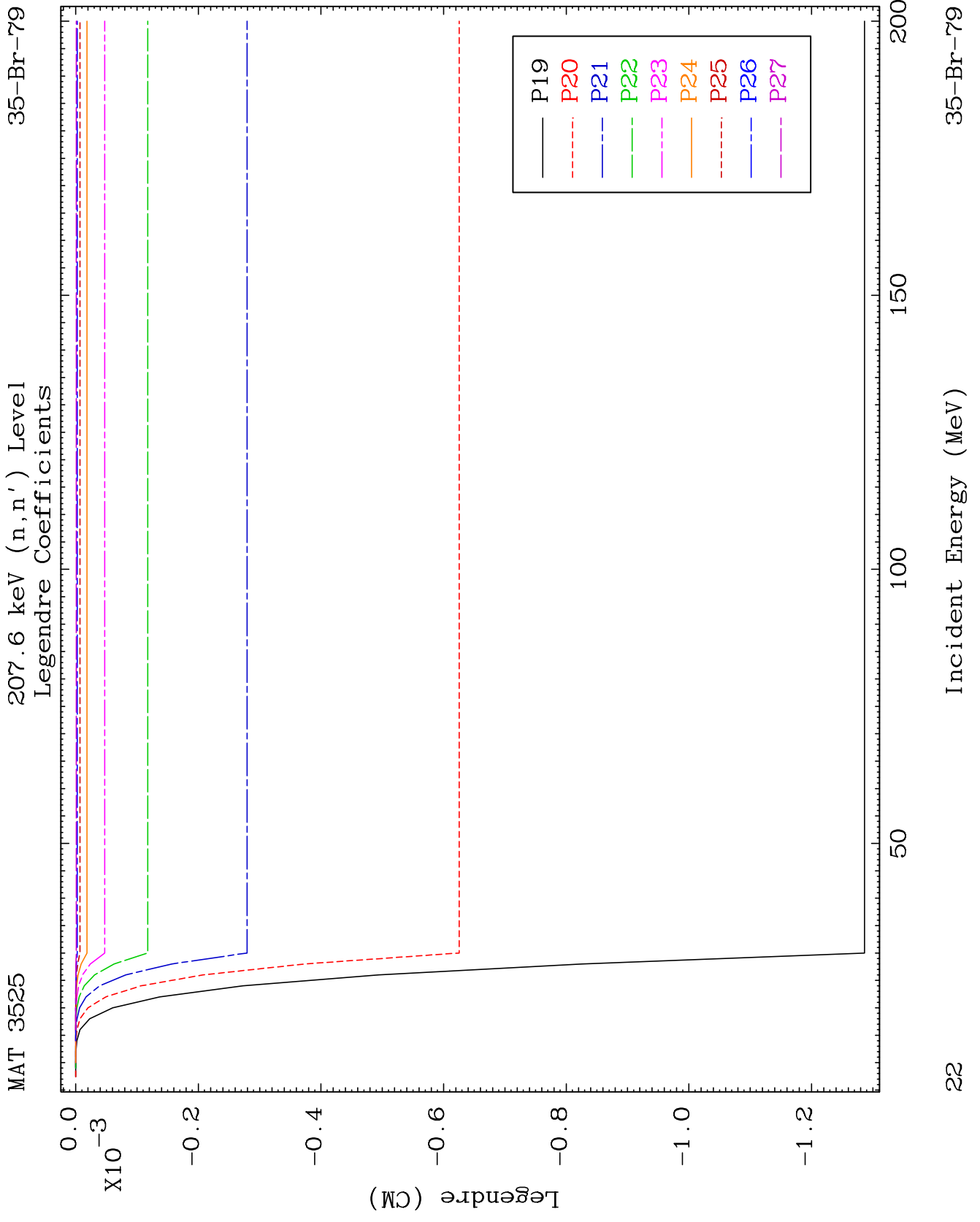


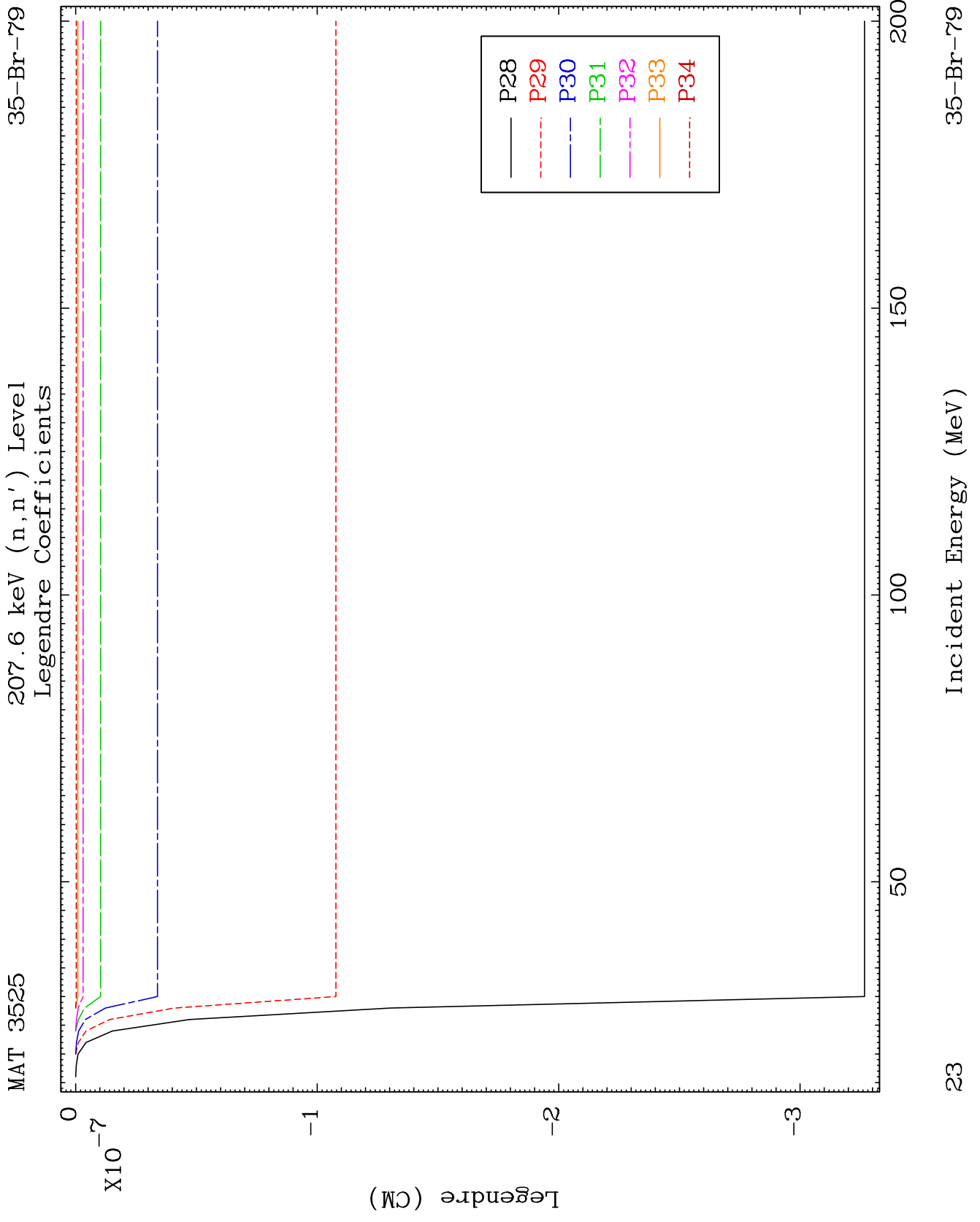
19

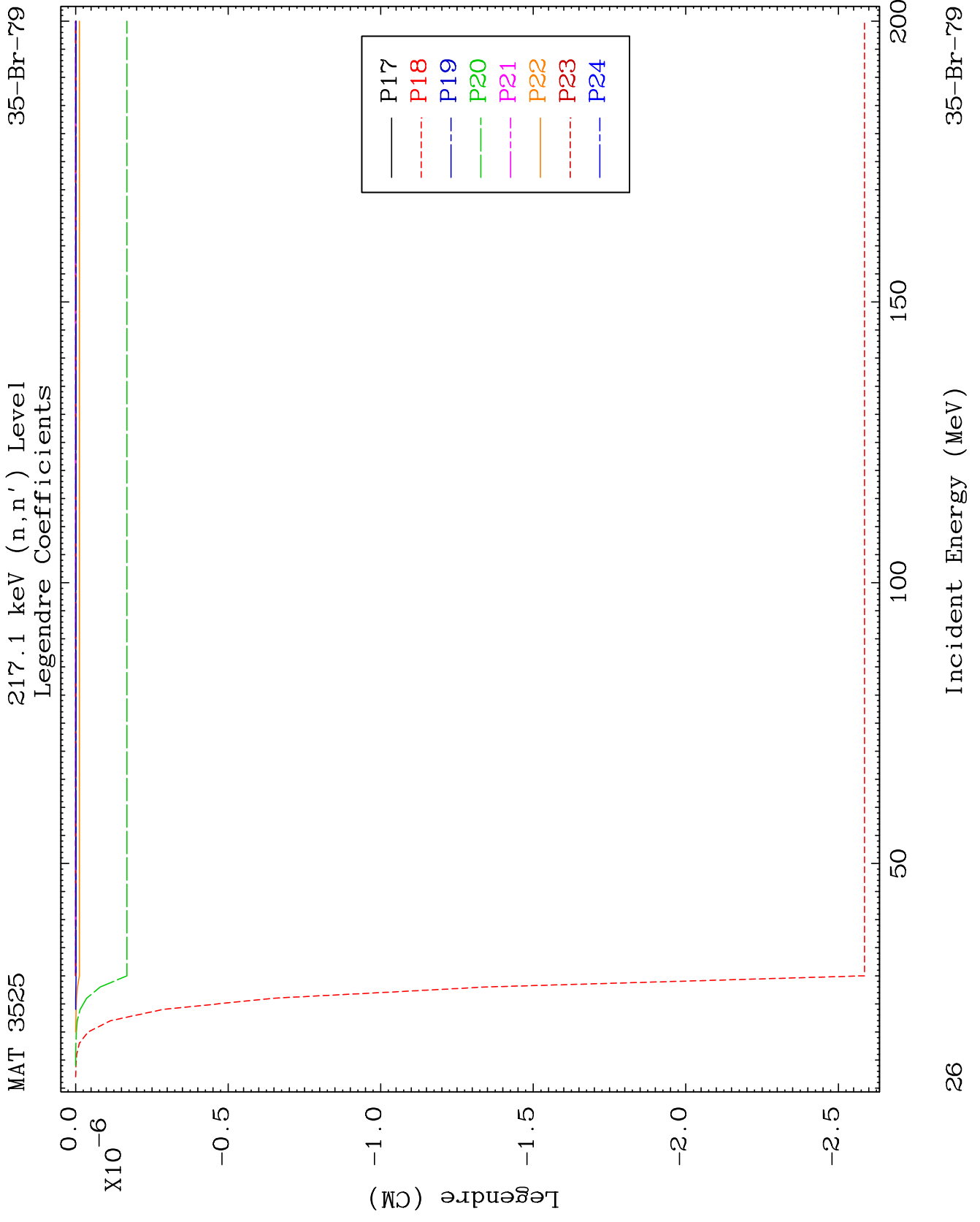
Incident Energy (MeV)

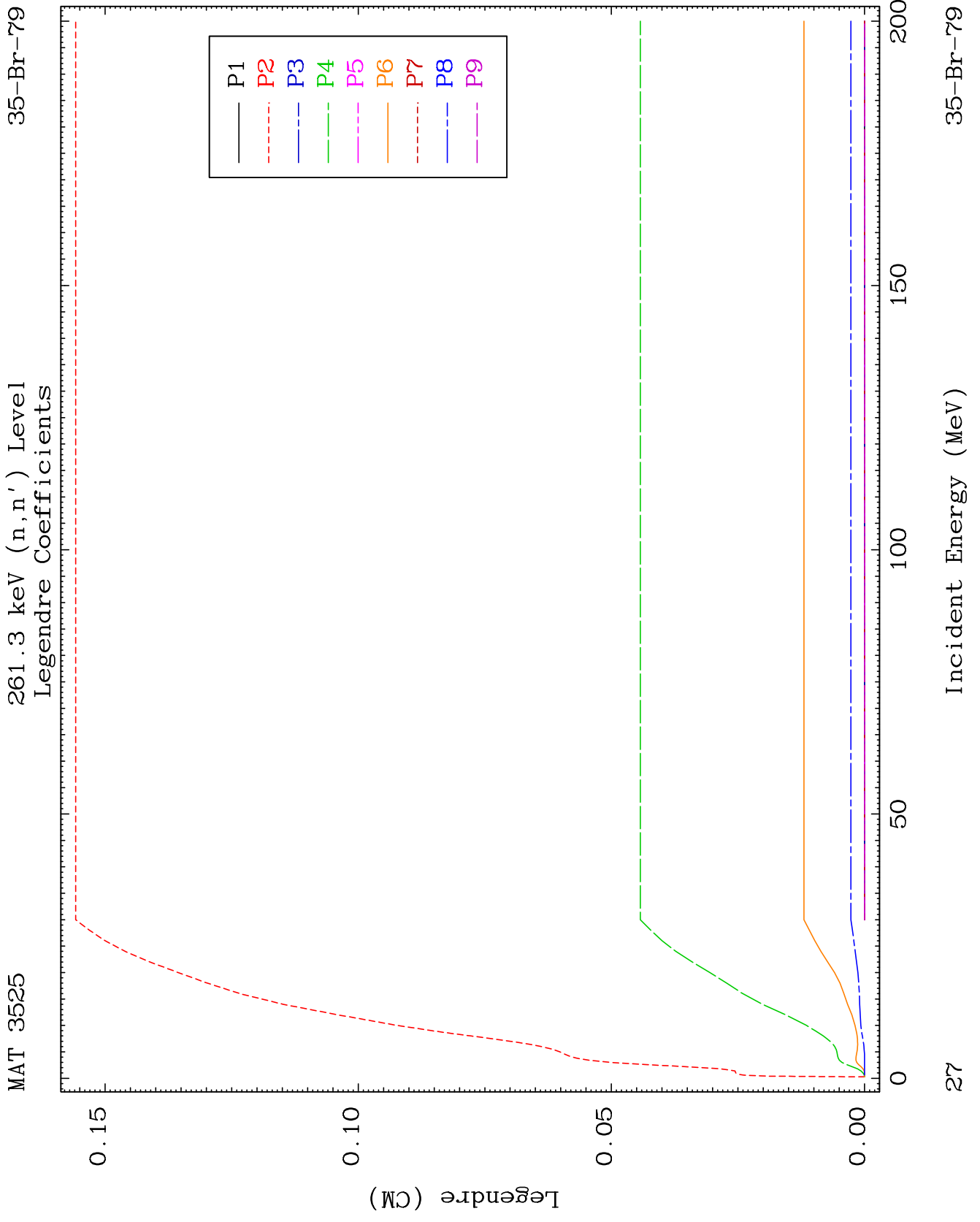
35-Br-79







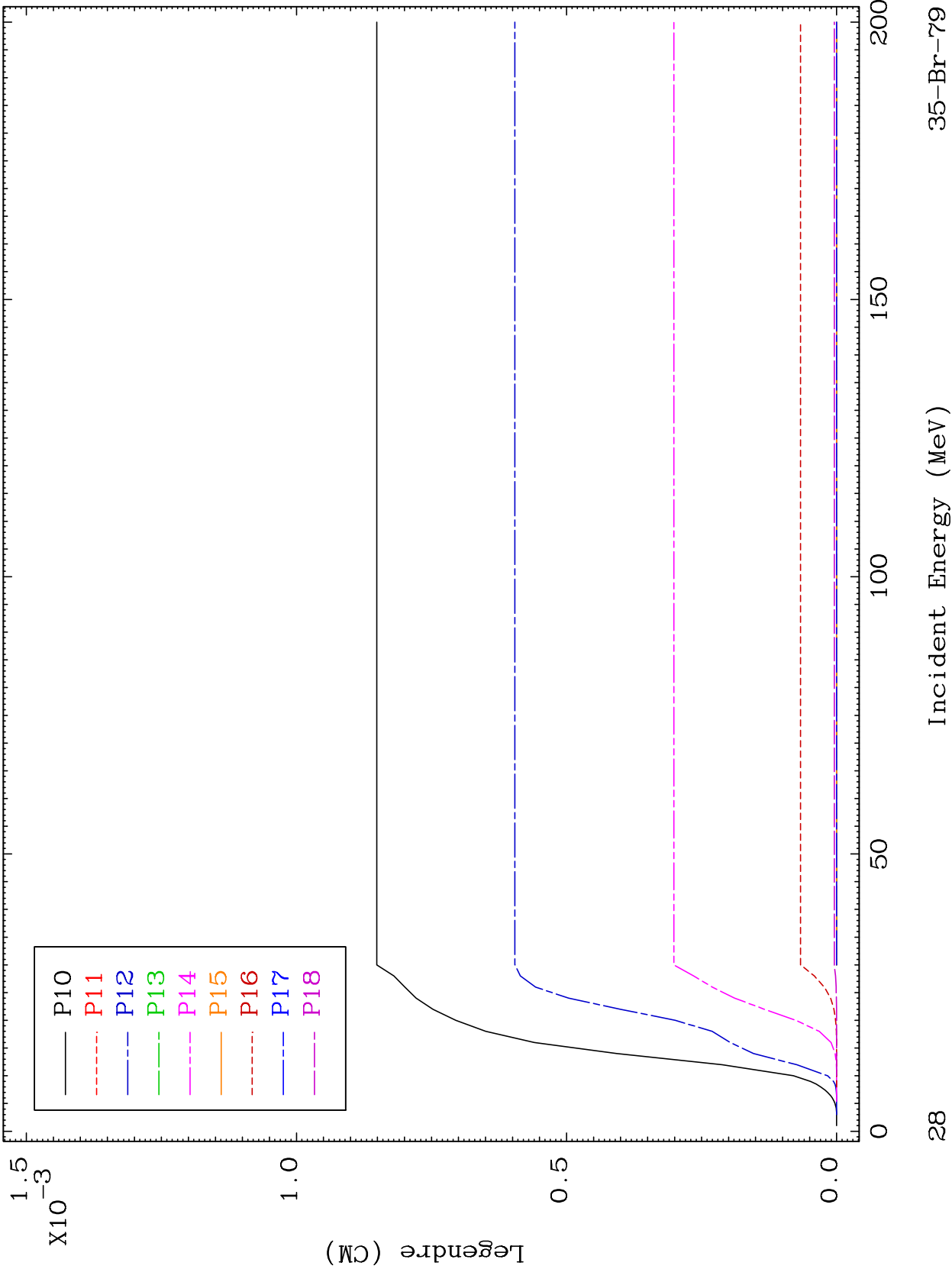




MAT 3525

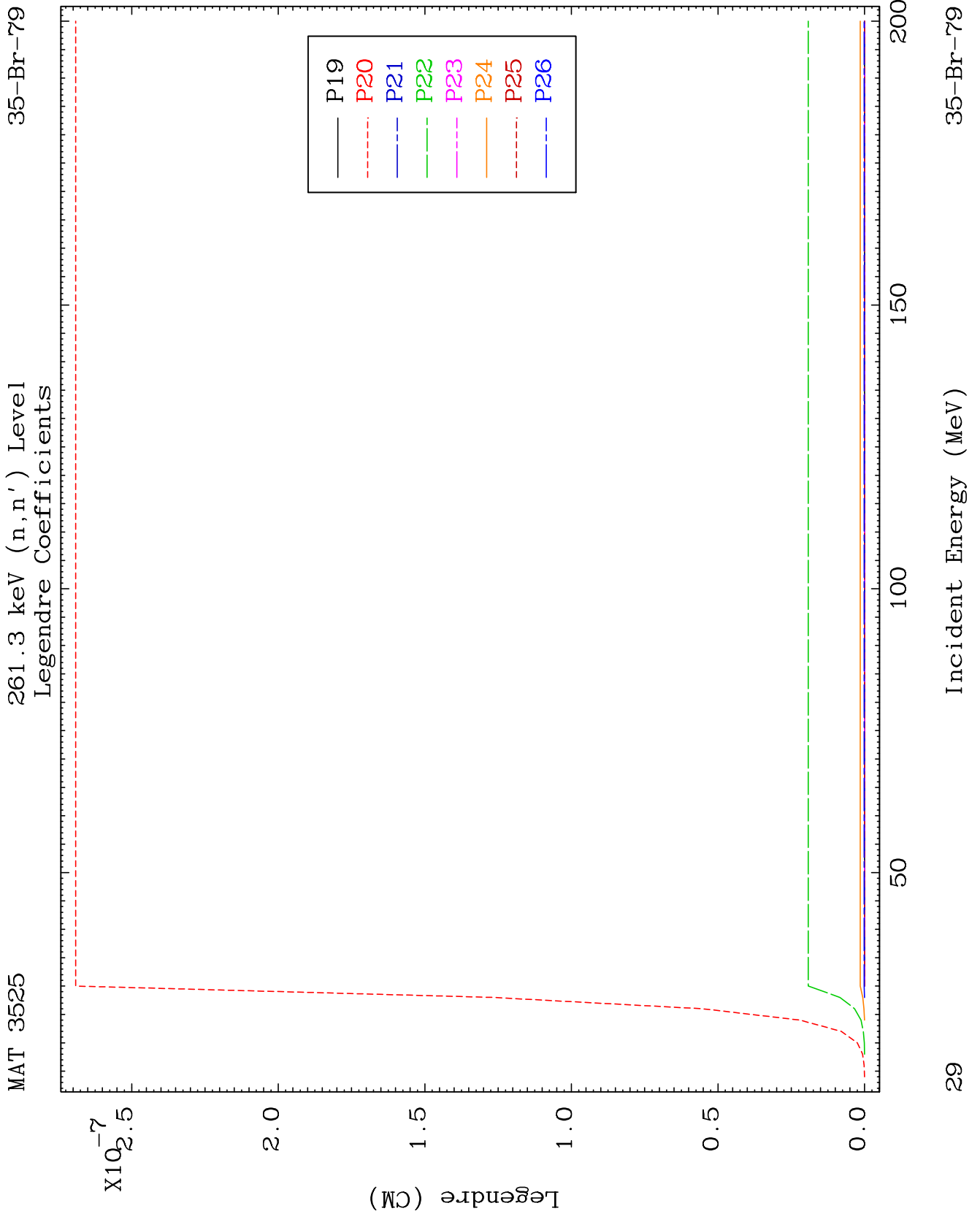
261.3 keV (n,n') Level
Legendre Coefficients

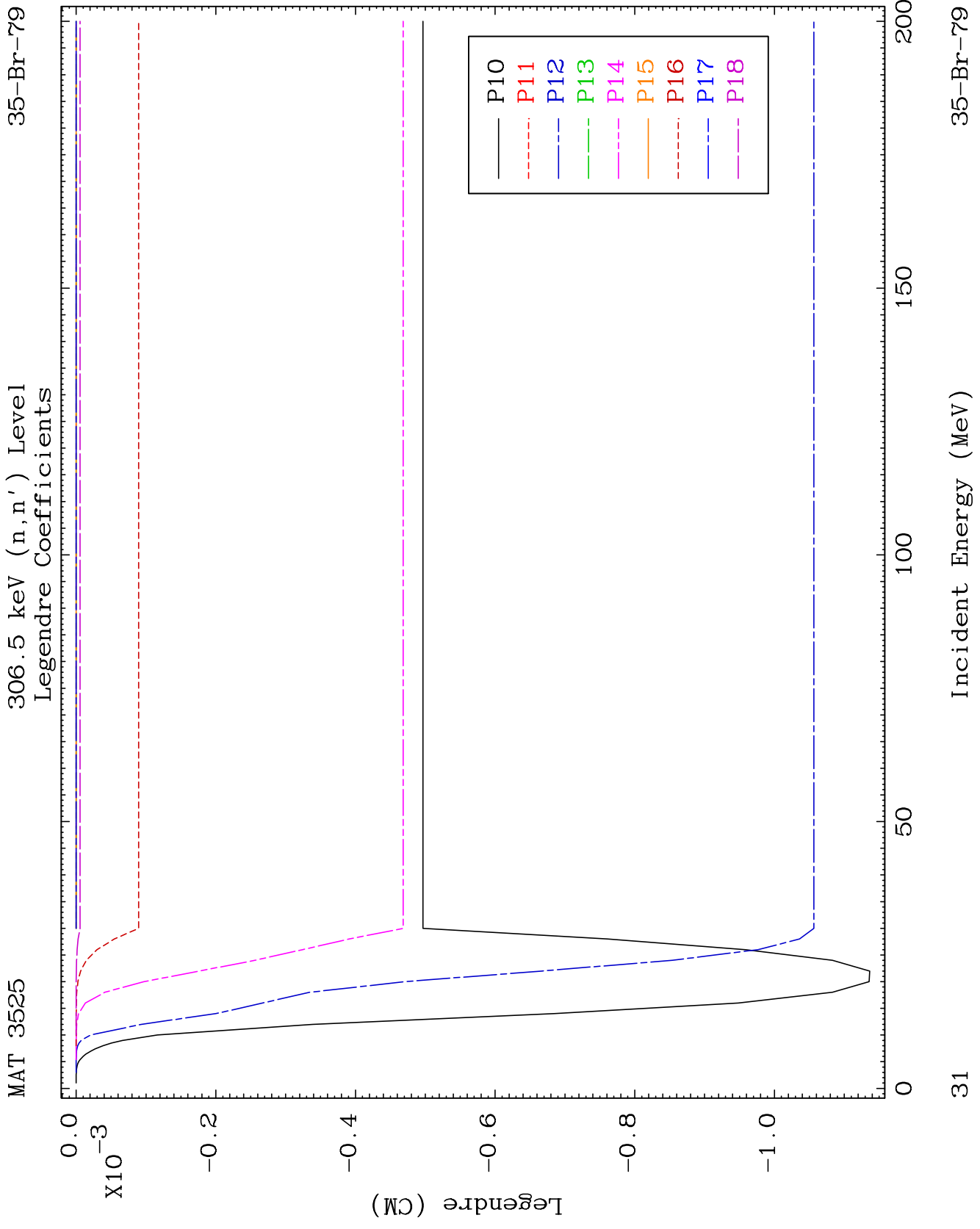
35-Br-79

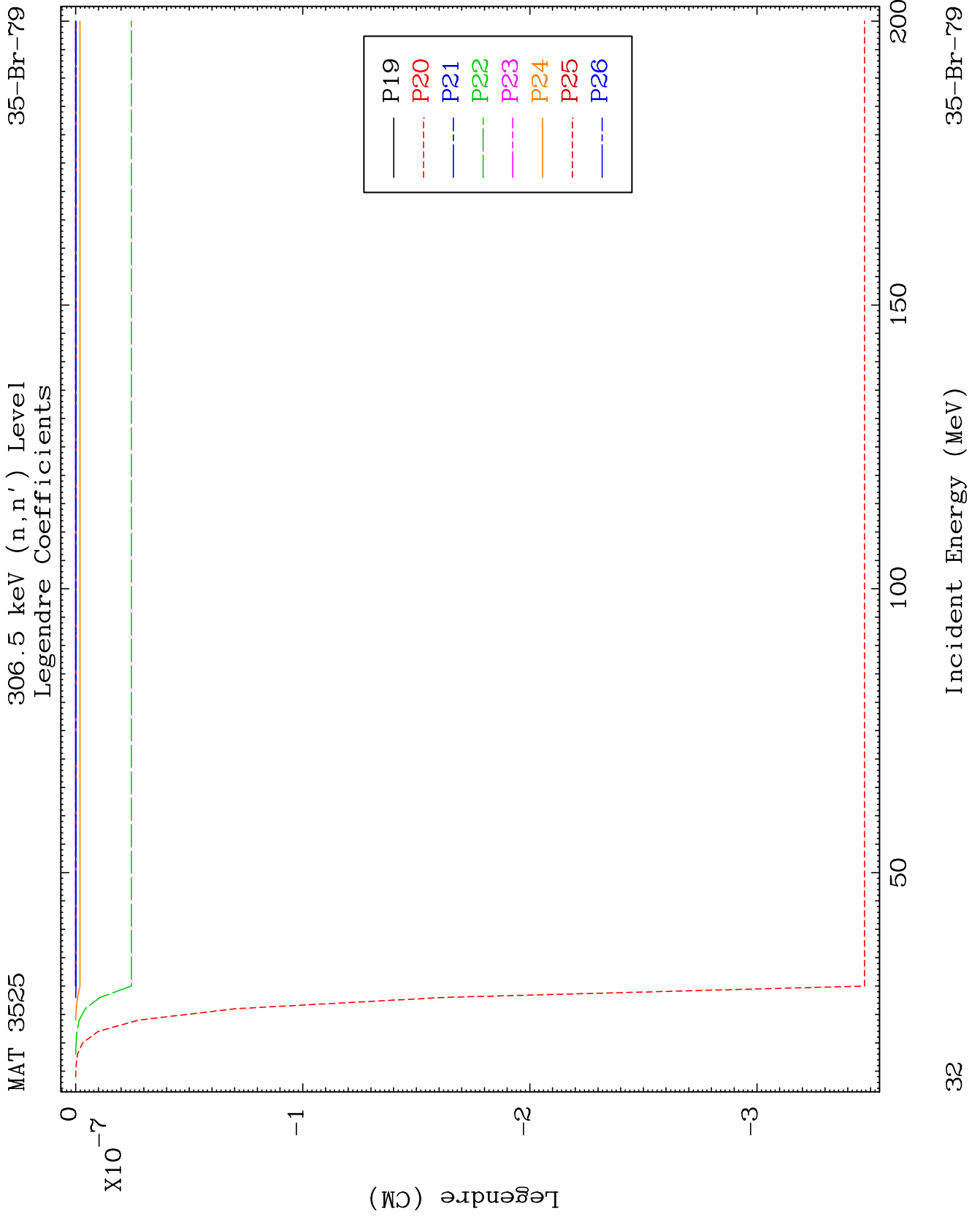


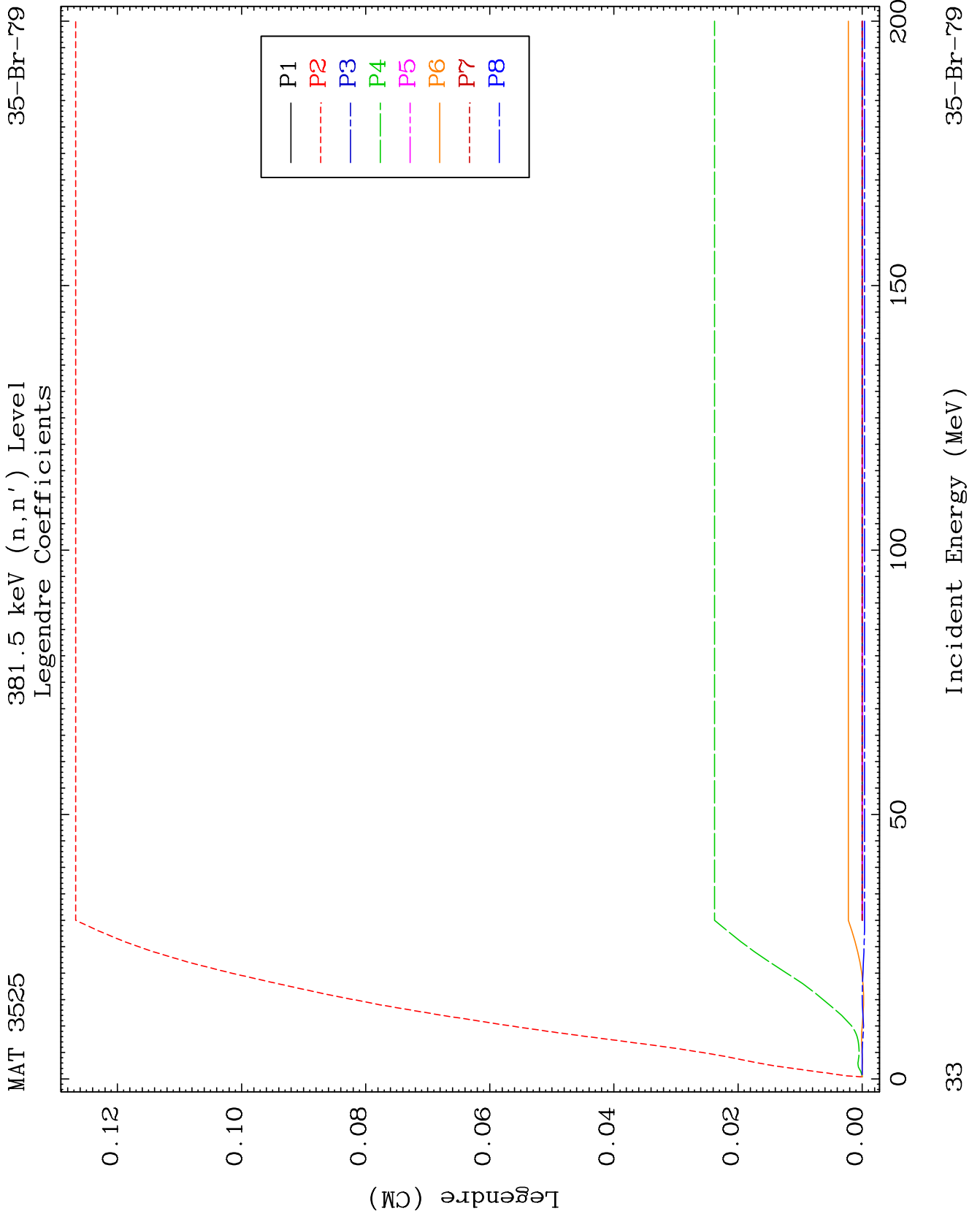
28

35-Br-79





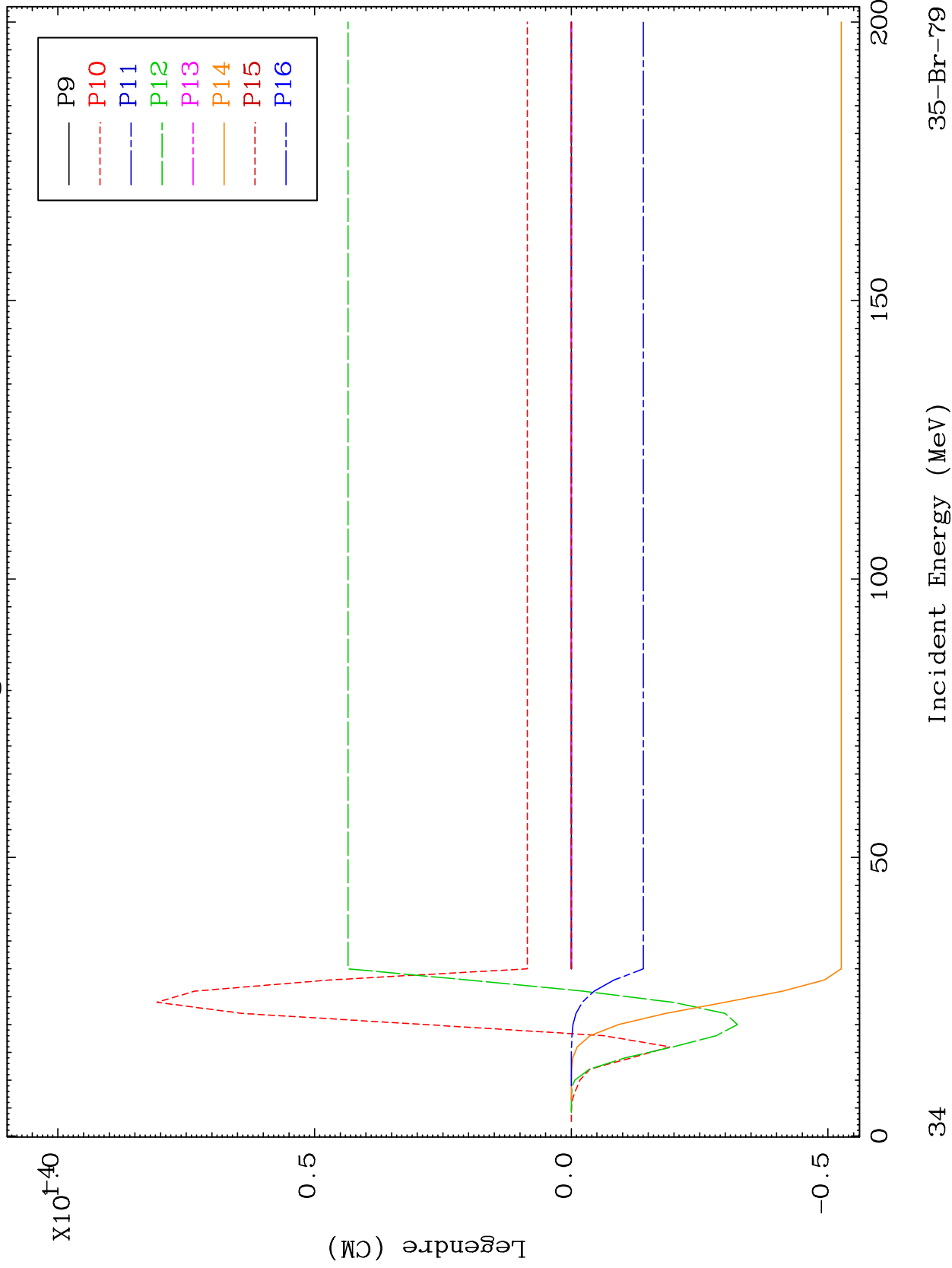




MAT 3525

381.5 keV (n,n') Level
Legendre Coefficients

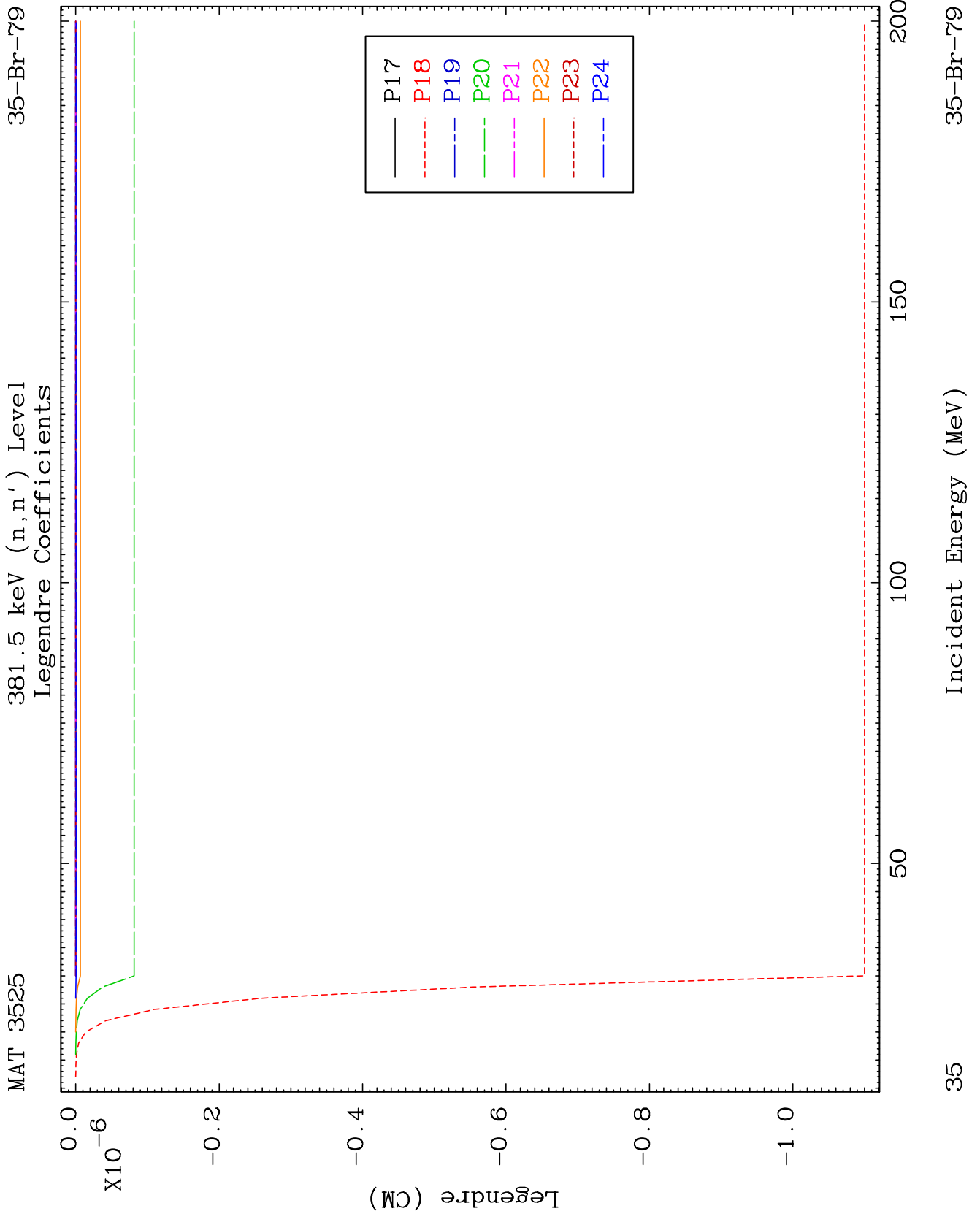
35-Br-79



34

Incident Energy (MeV)

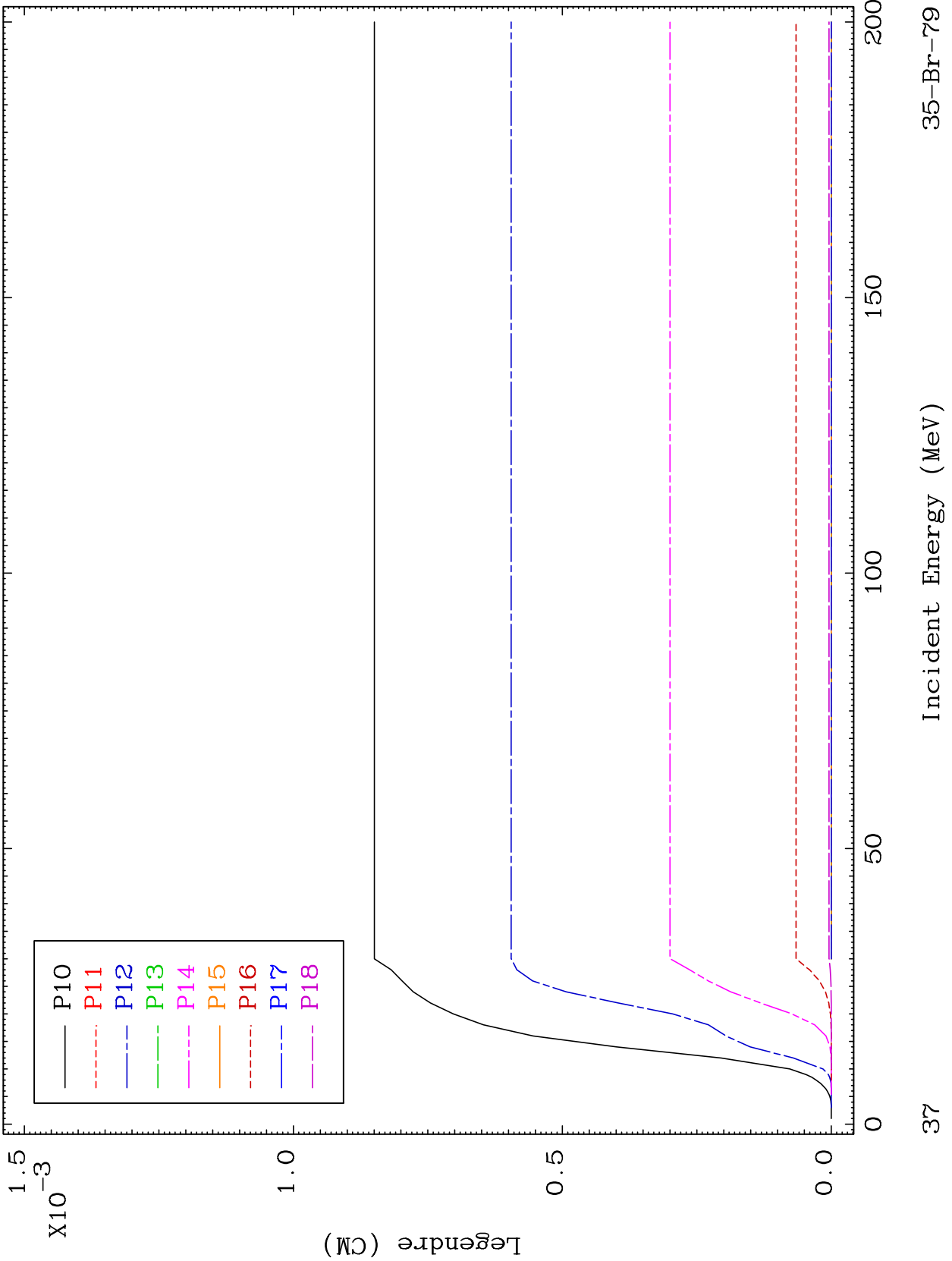
35-Br-79

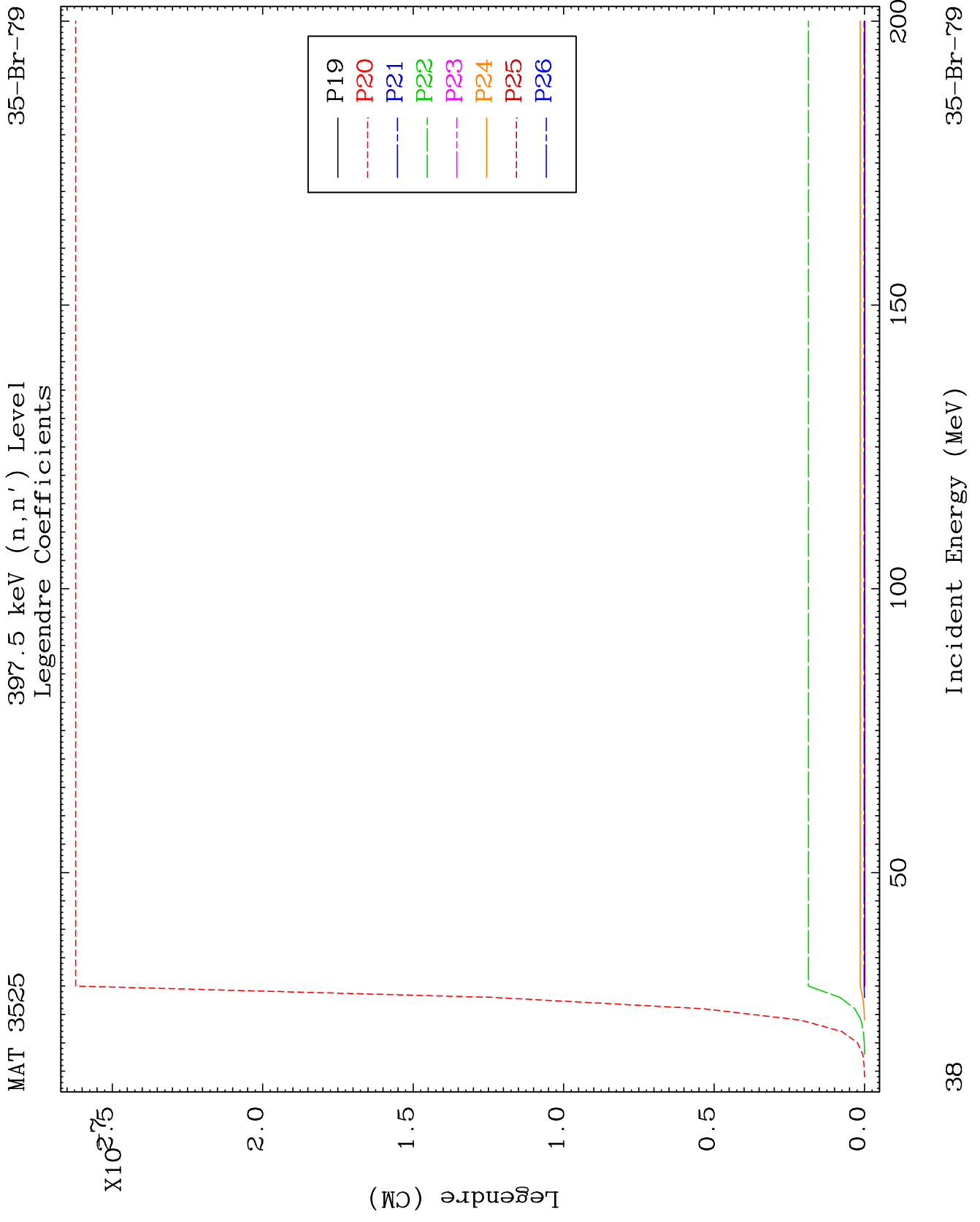


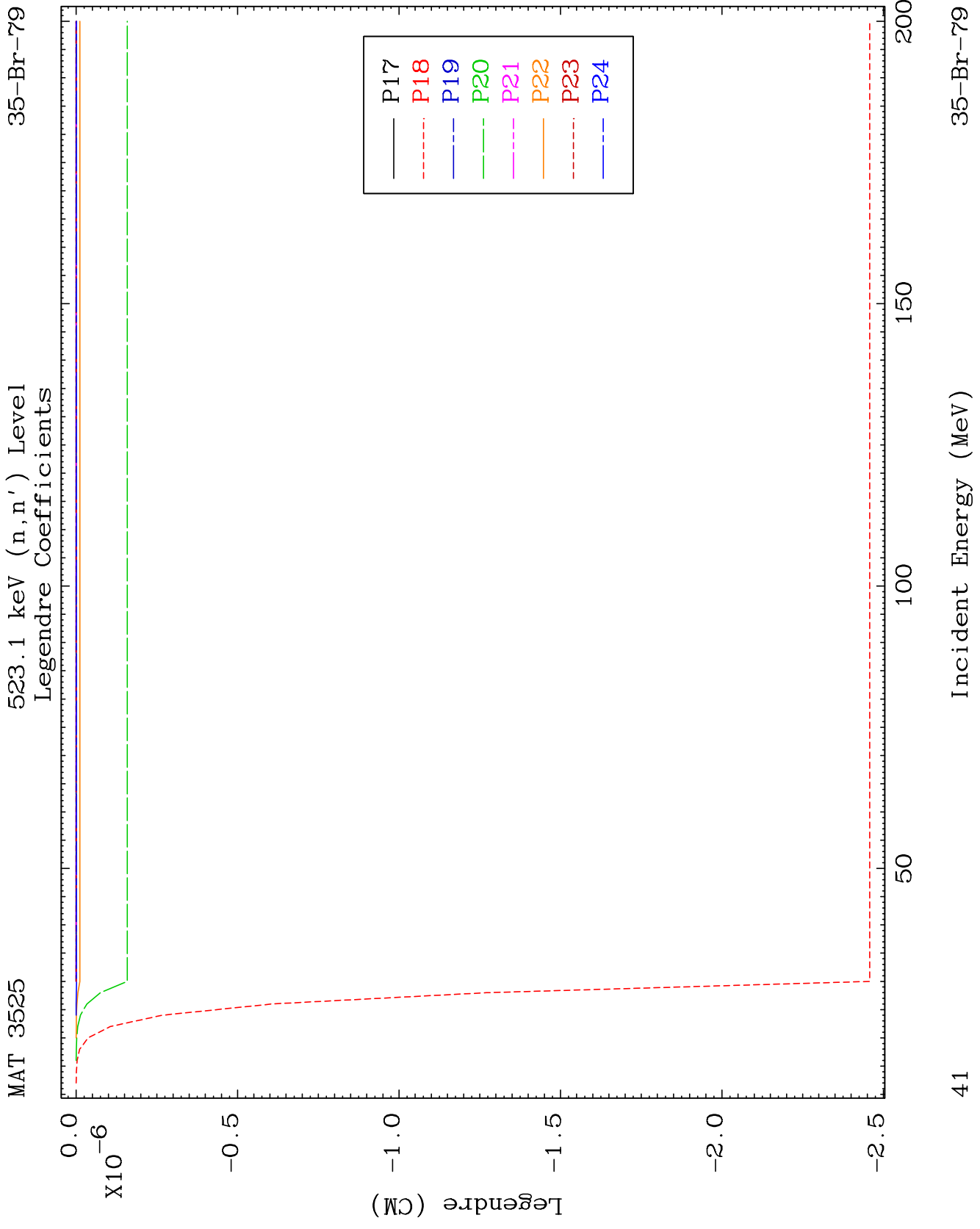
MAT 3525

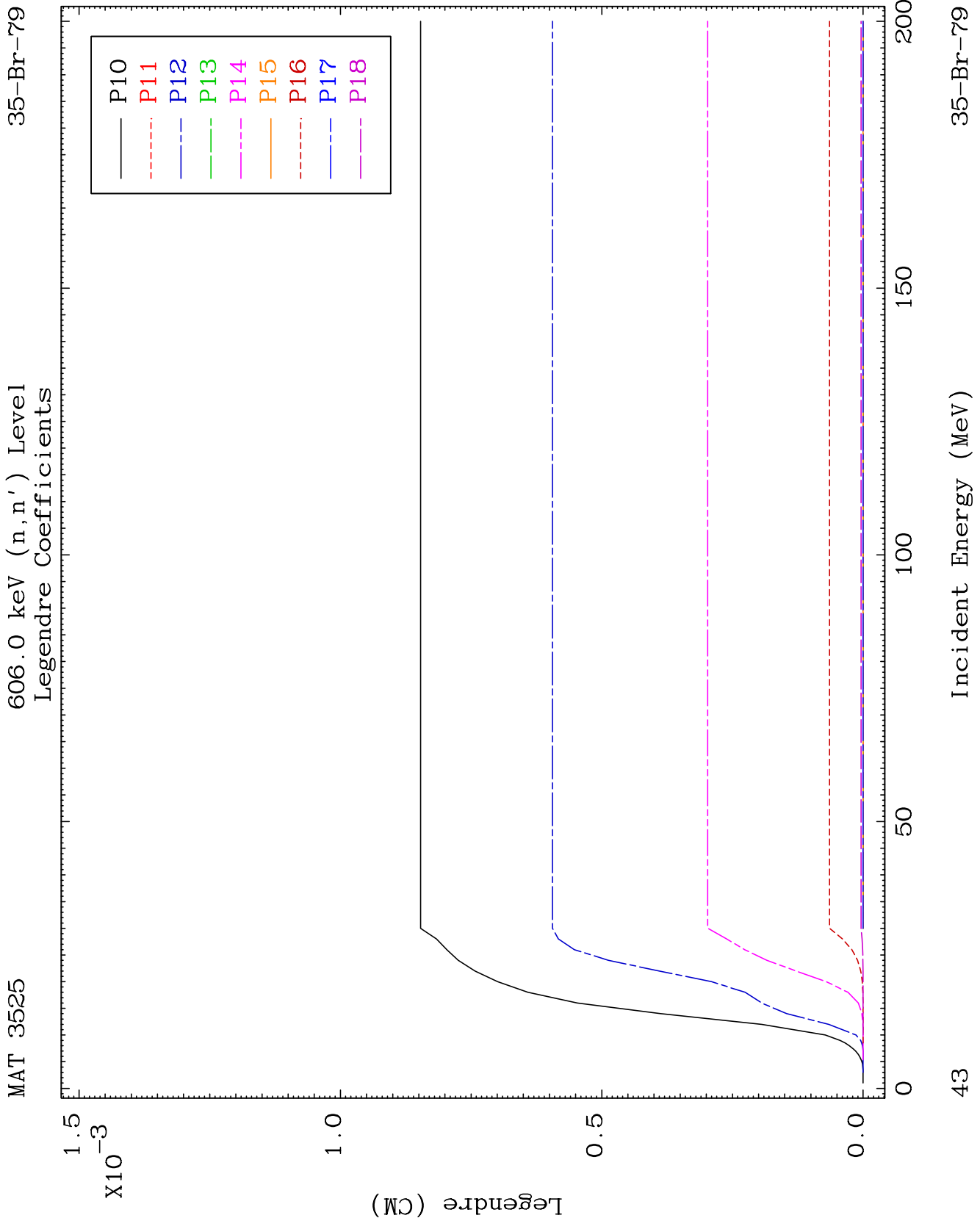
397.5 keV (n,n') Level
Legendre Coefficients

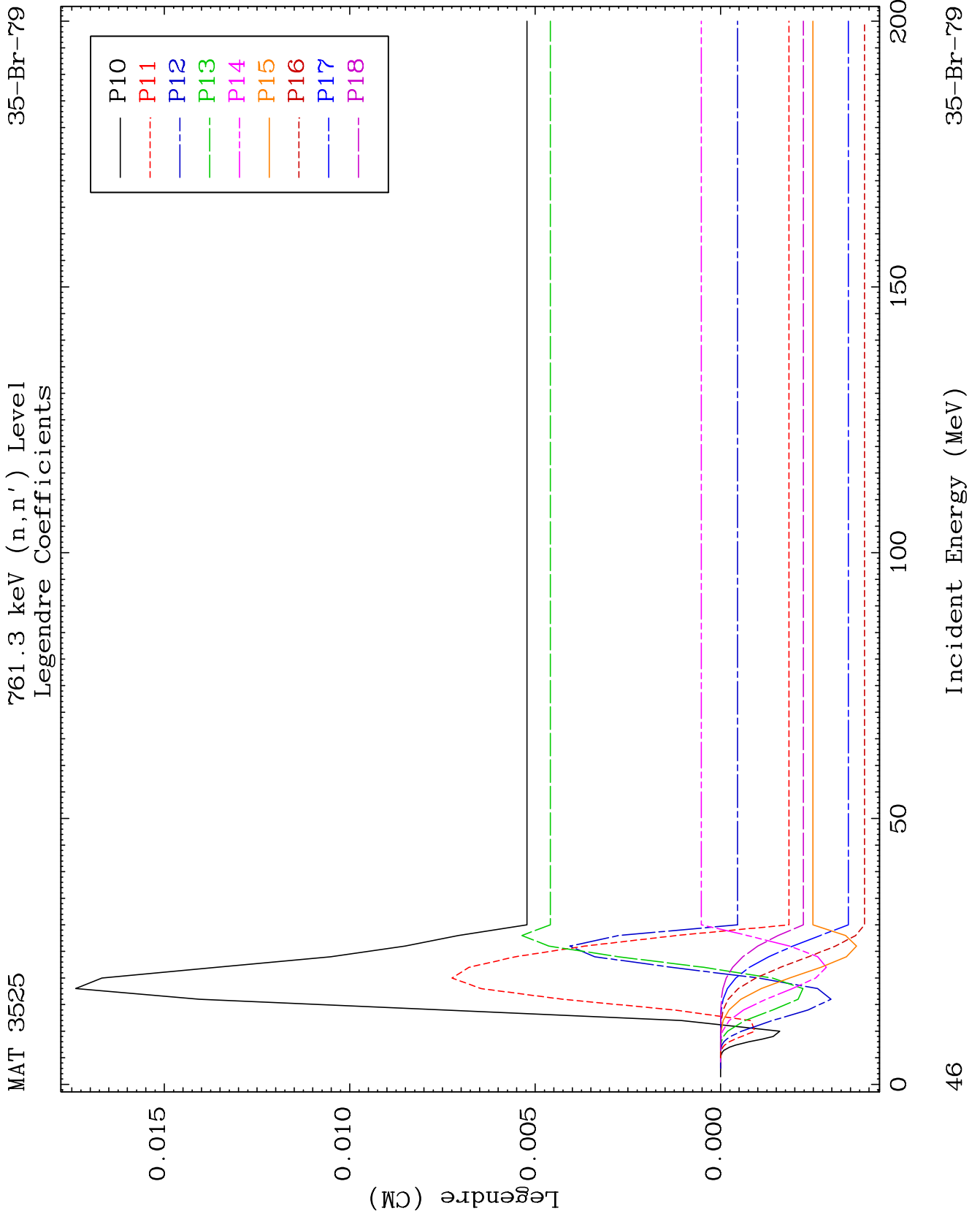
35-Br-79

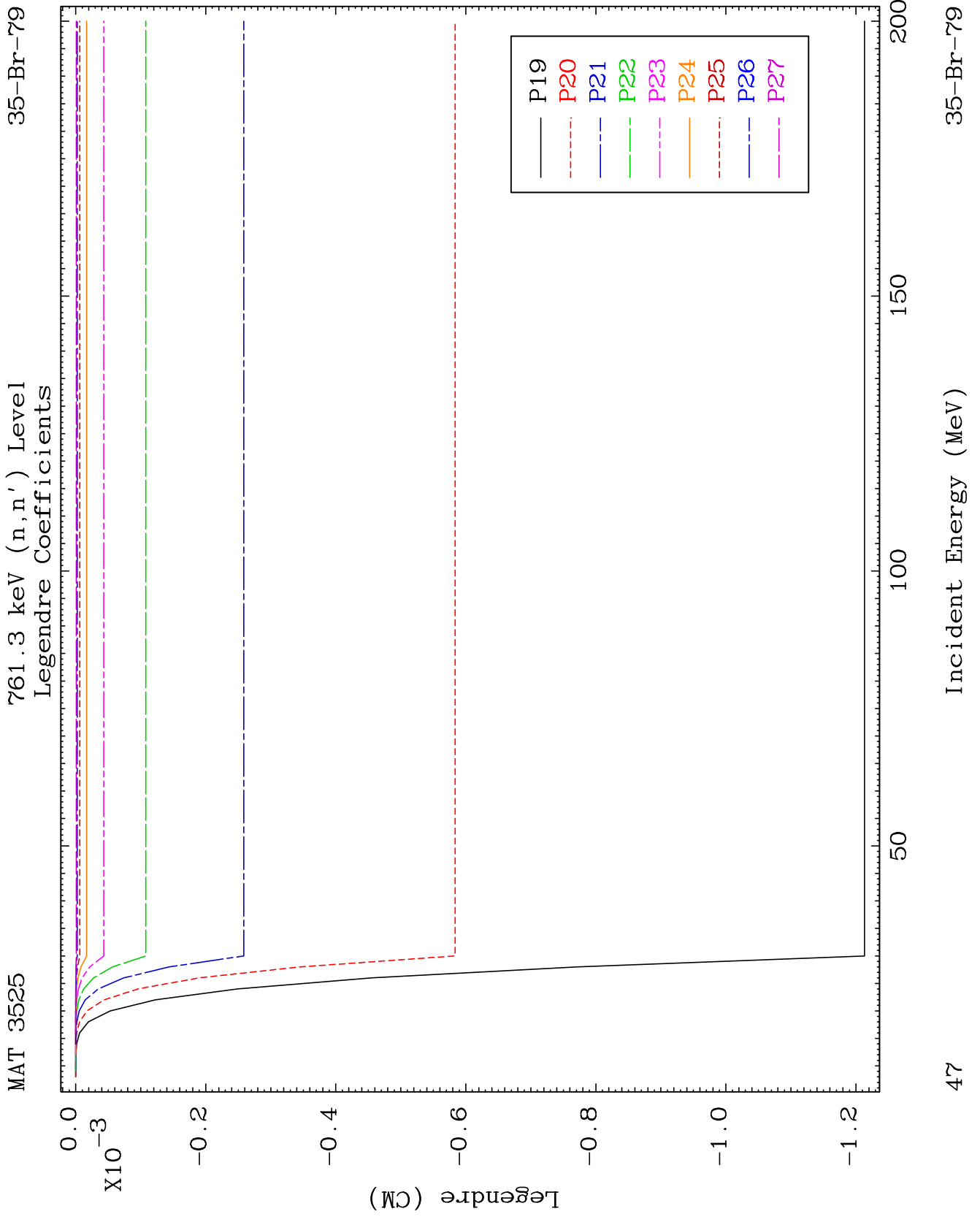


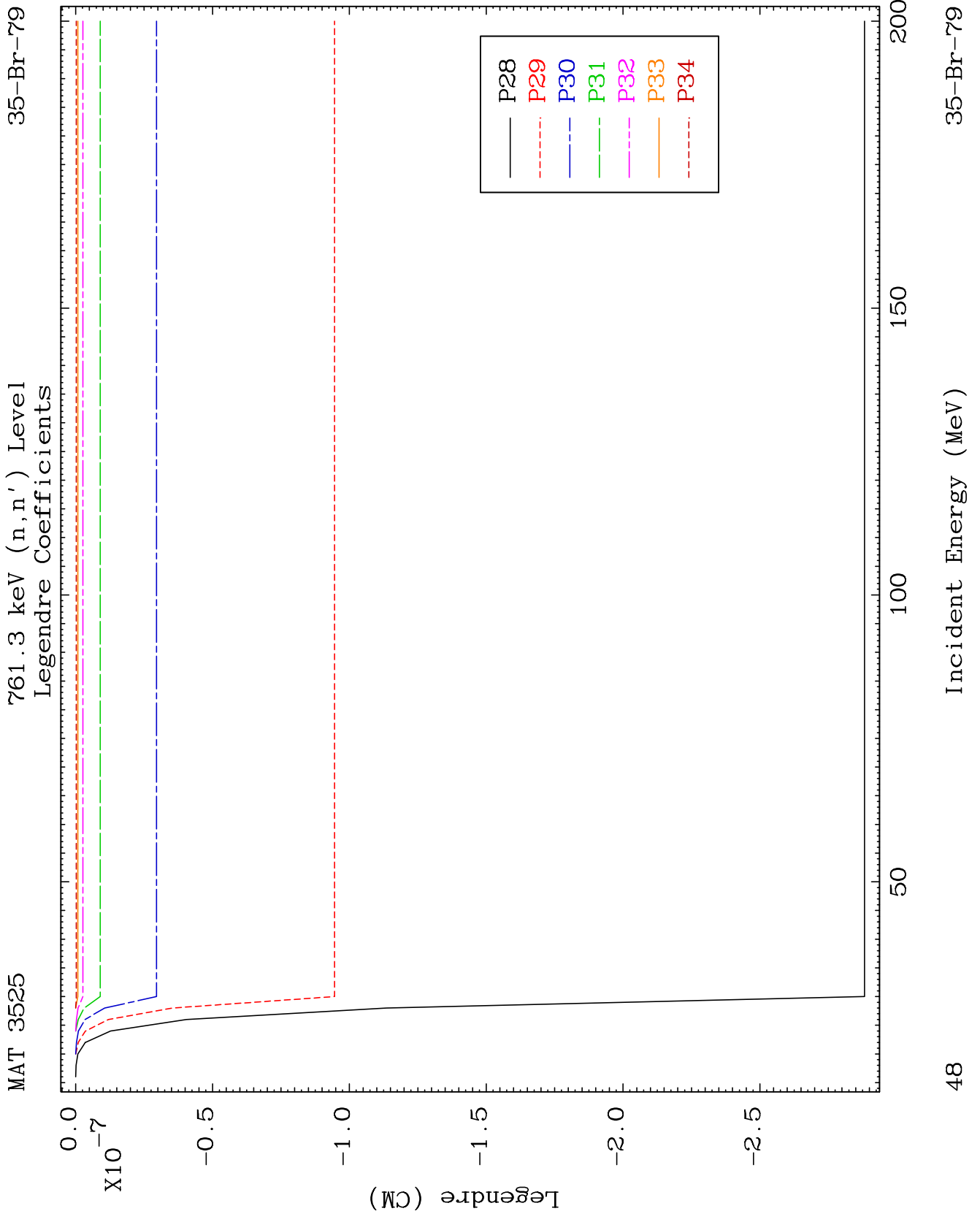


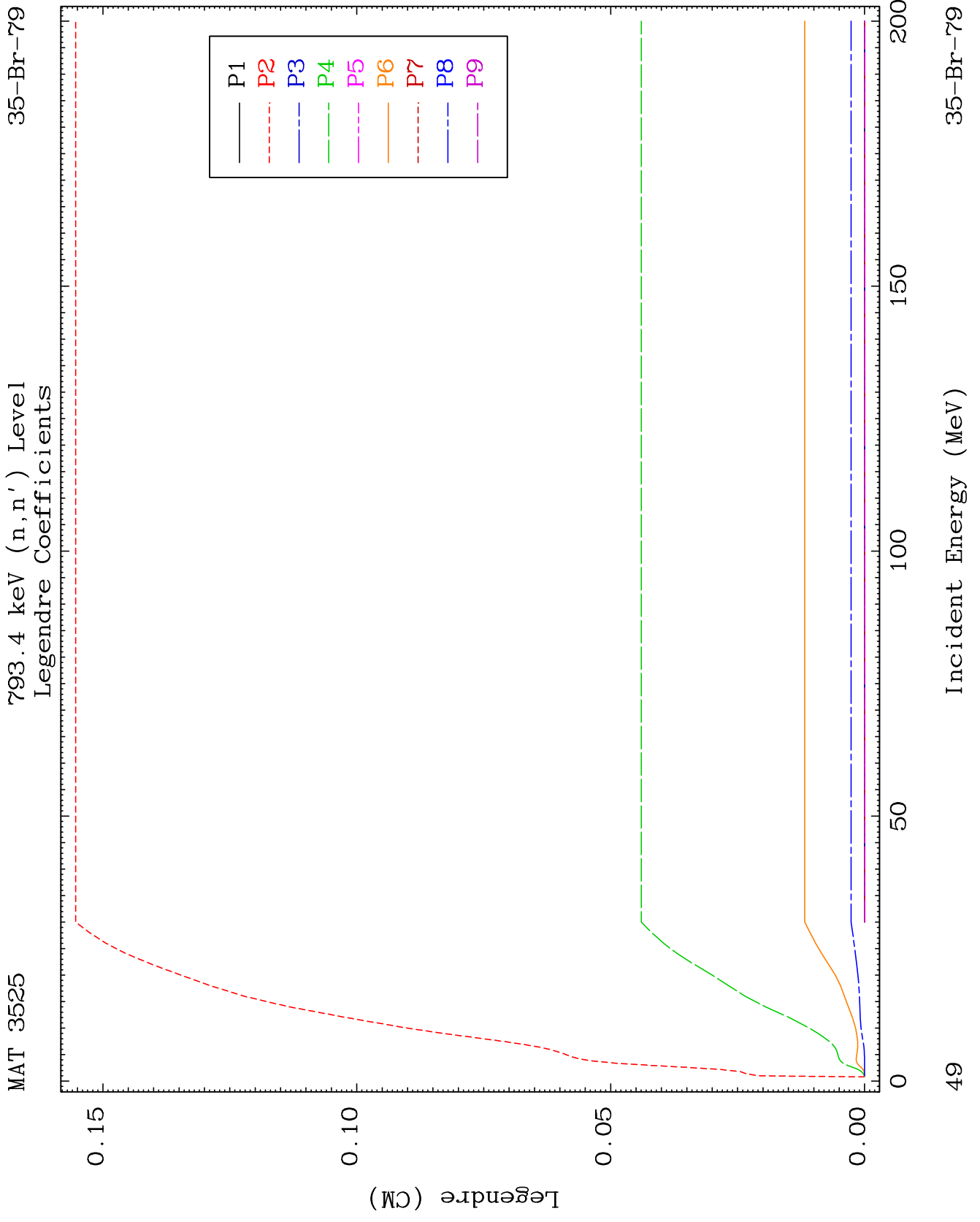








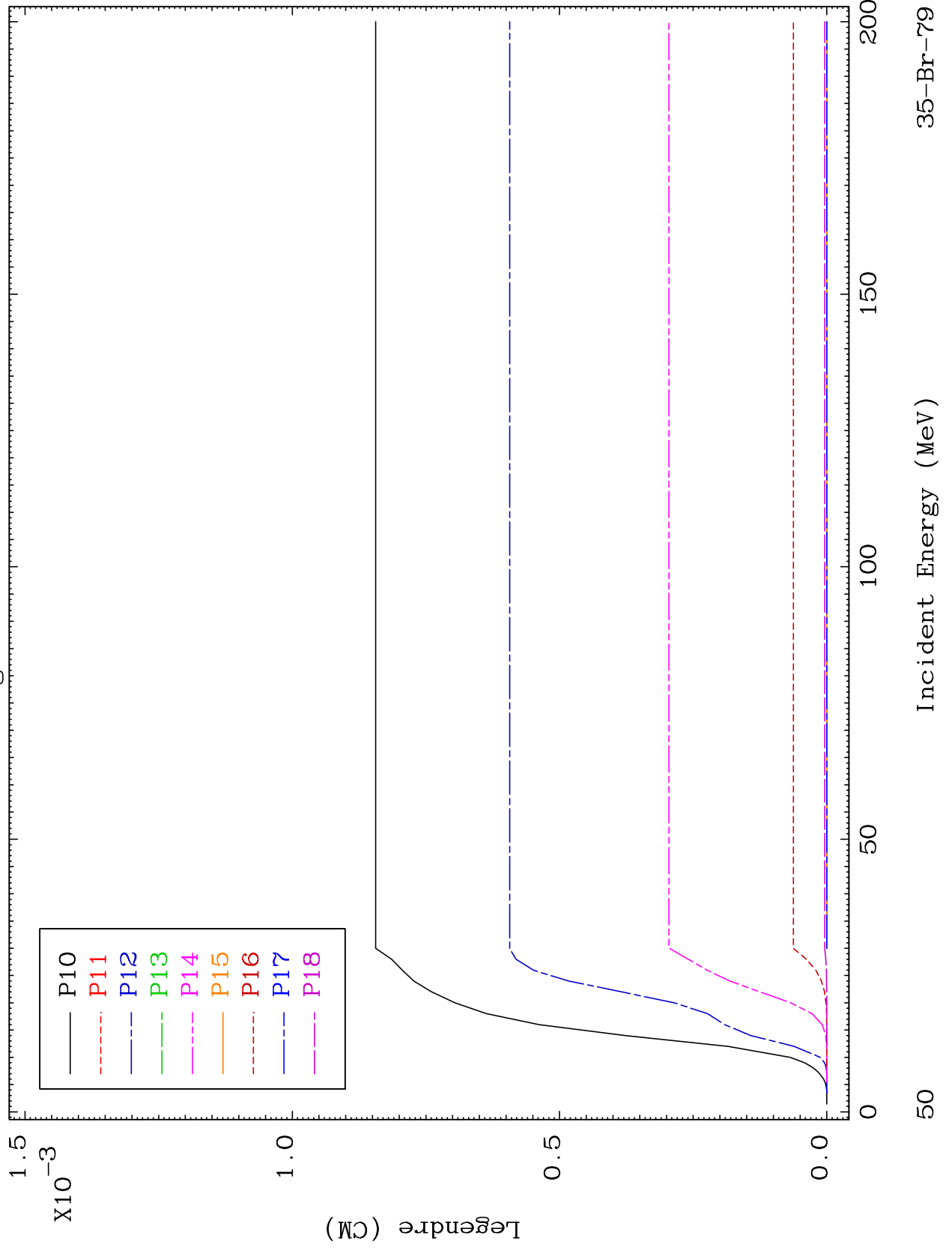




MAT 3525

793.4 keV (n,n') Level
Legendre Coefficients

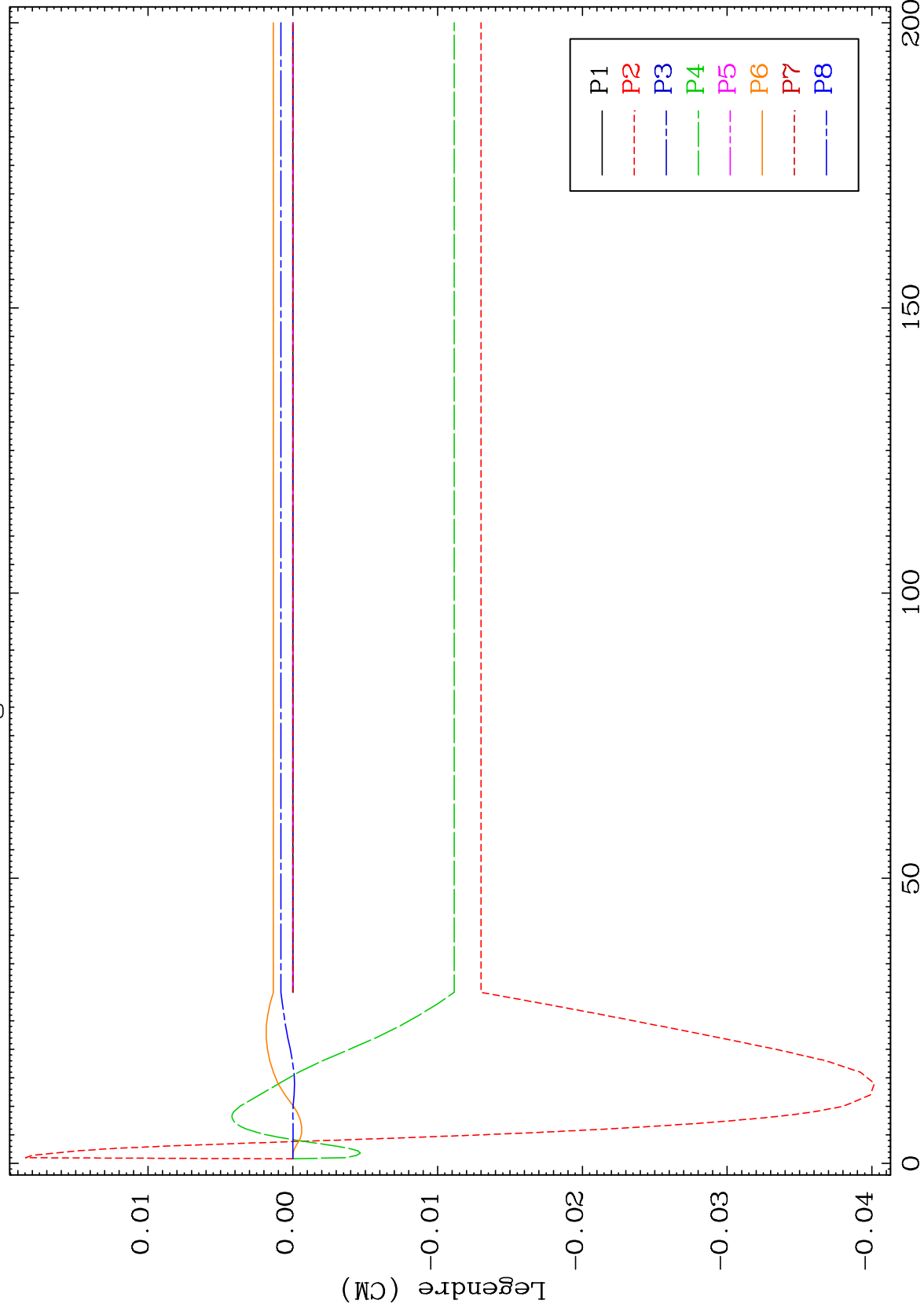
35-Br-79



MAT 3525

796.8 keV (n,n') Level
Legendre Coefficients

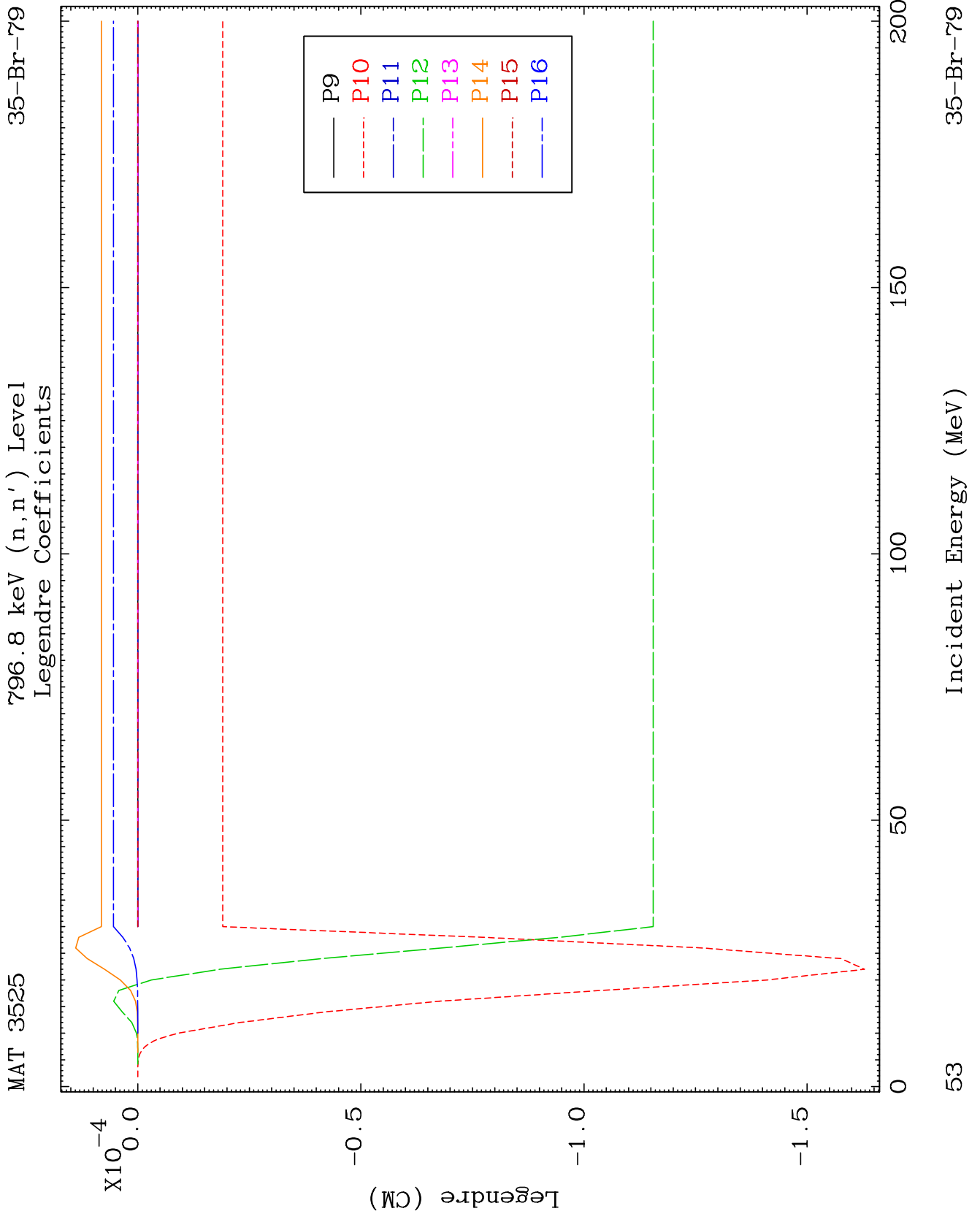
35-Br-79

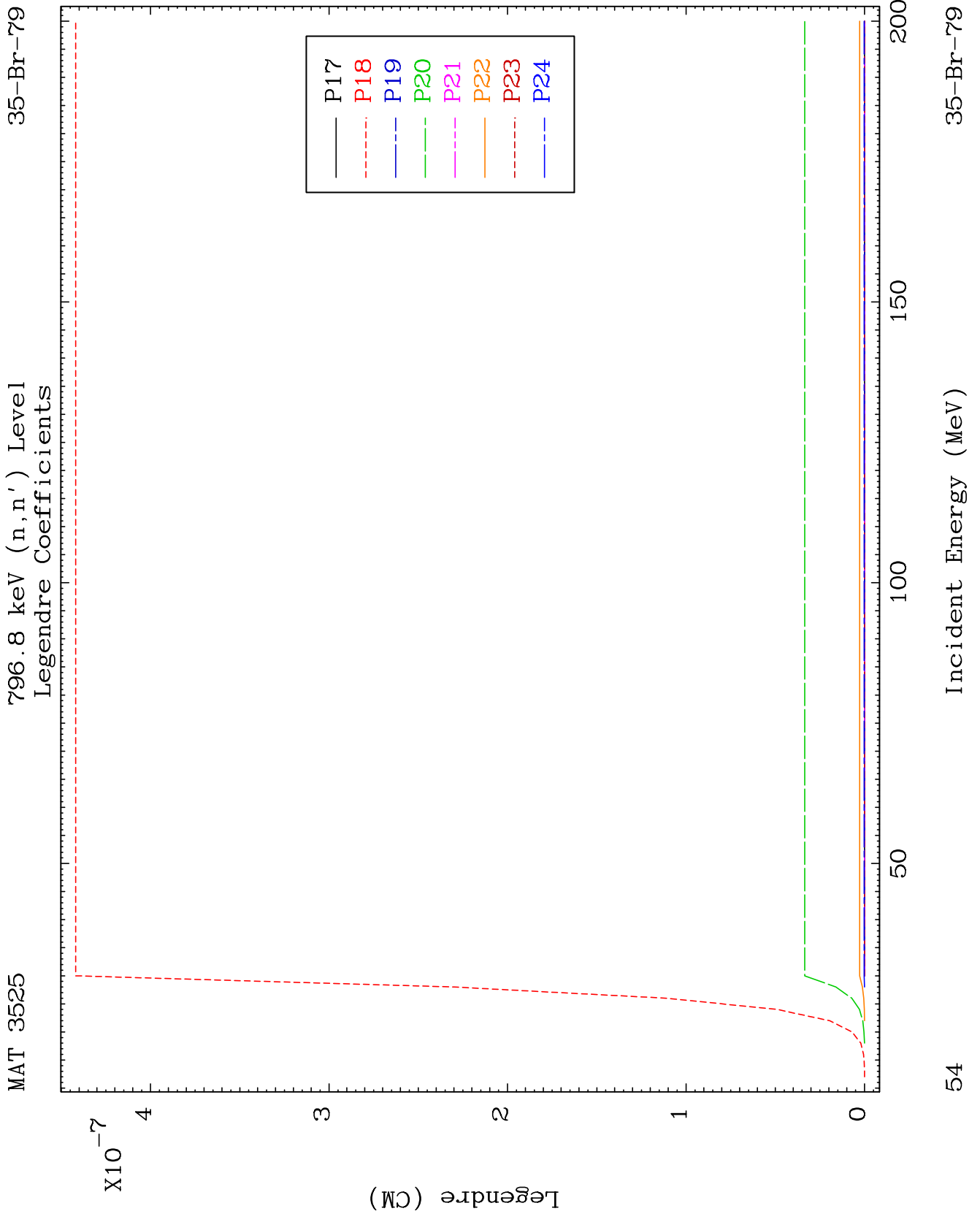


52

Incident Energy (MeV)

35-Br-79

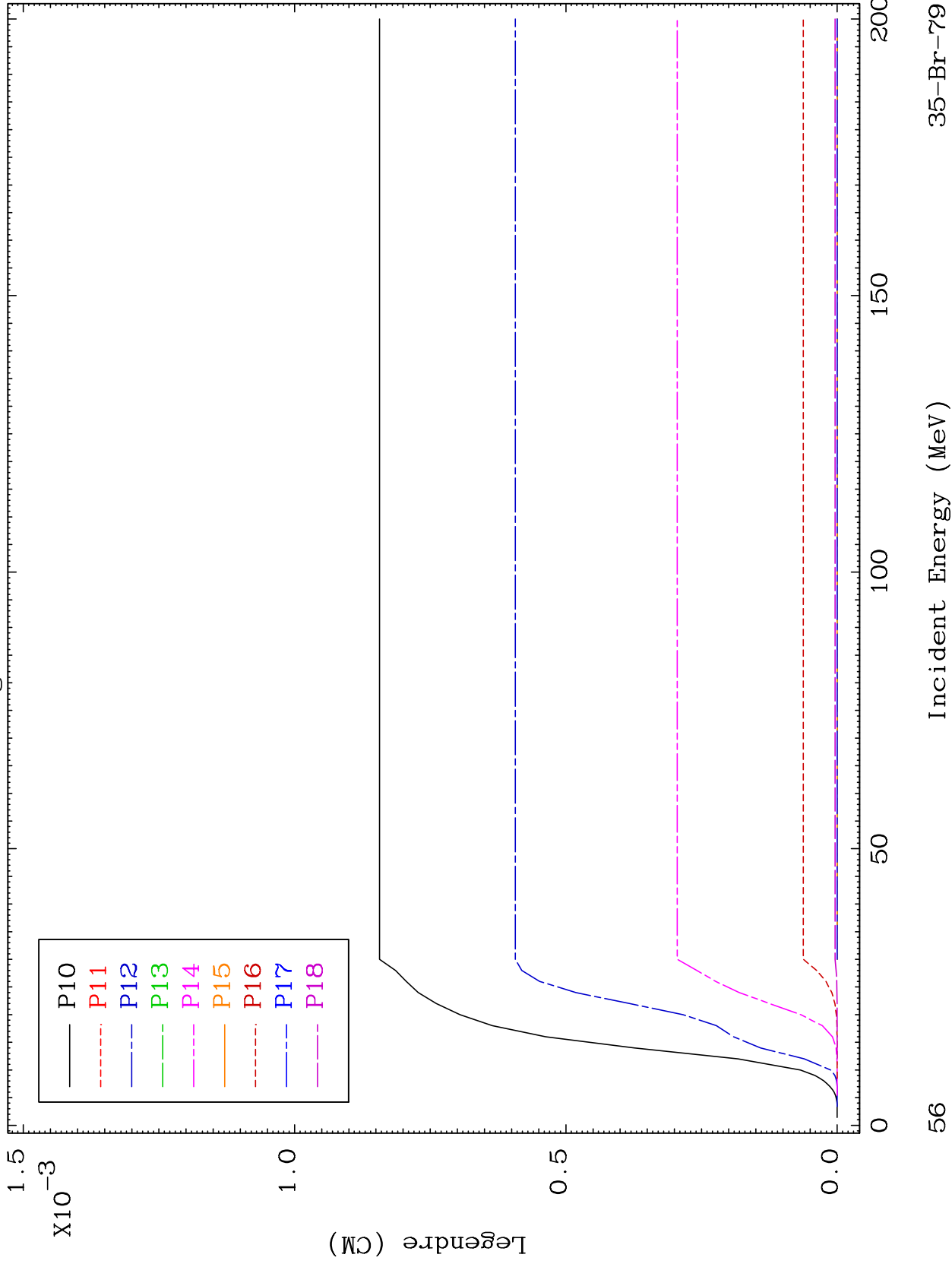




MAT 3525

832.0 keV (n,n') Level
Legendre Coefficients

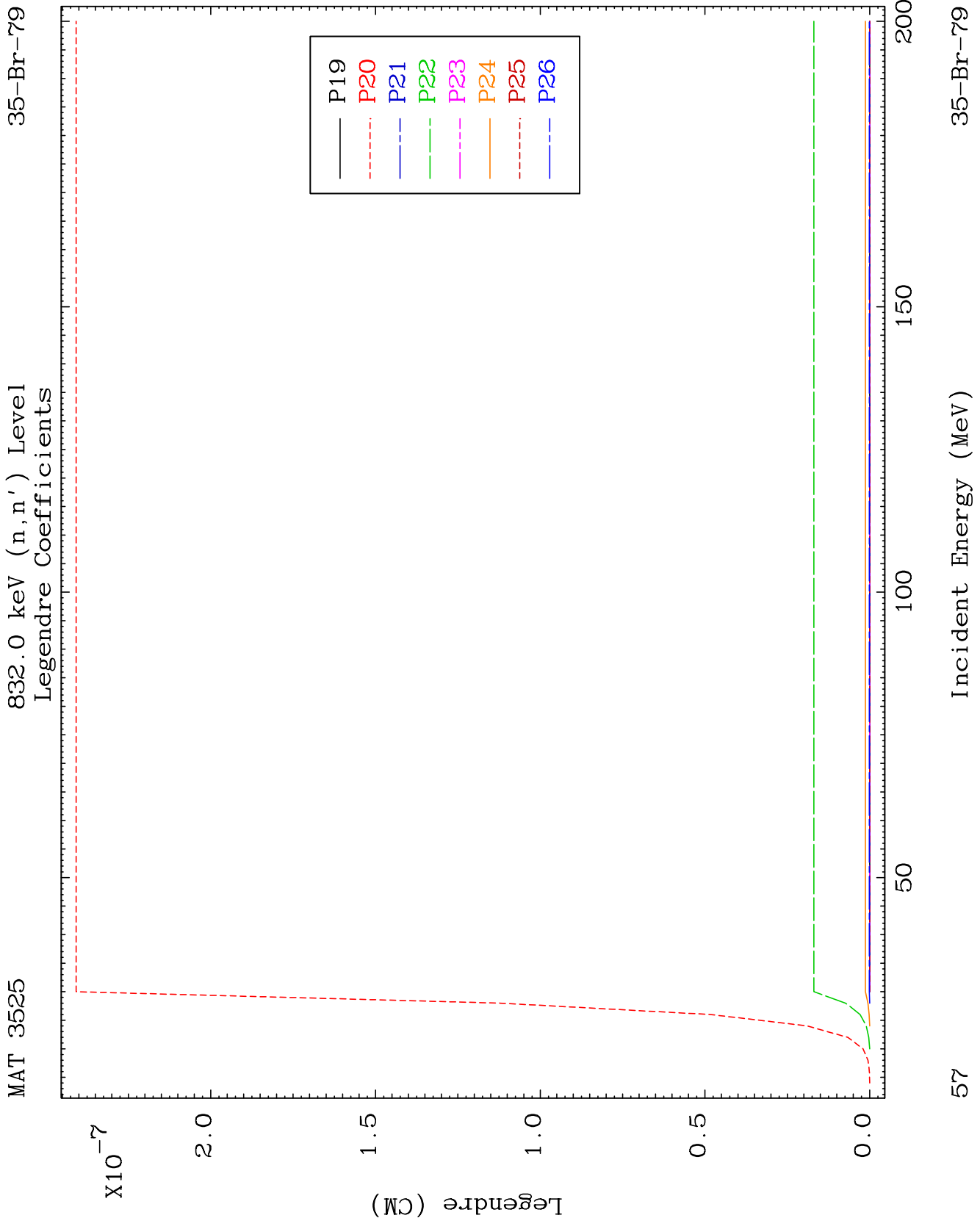
35-Br-79

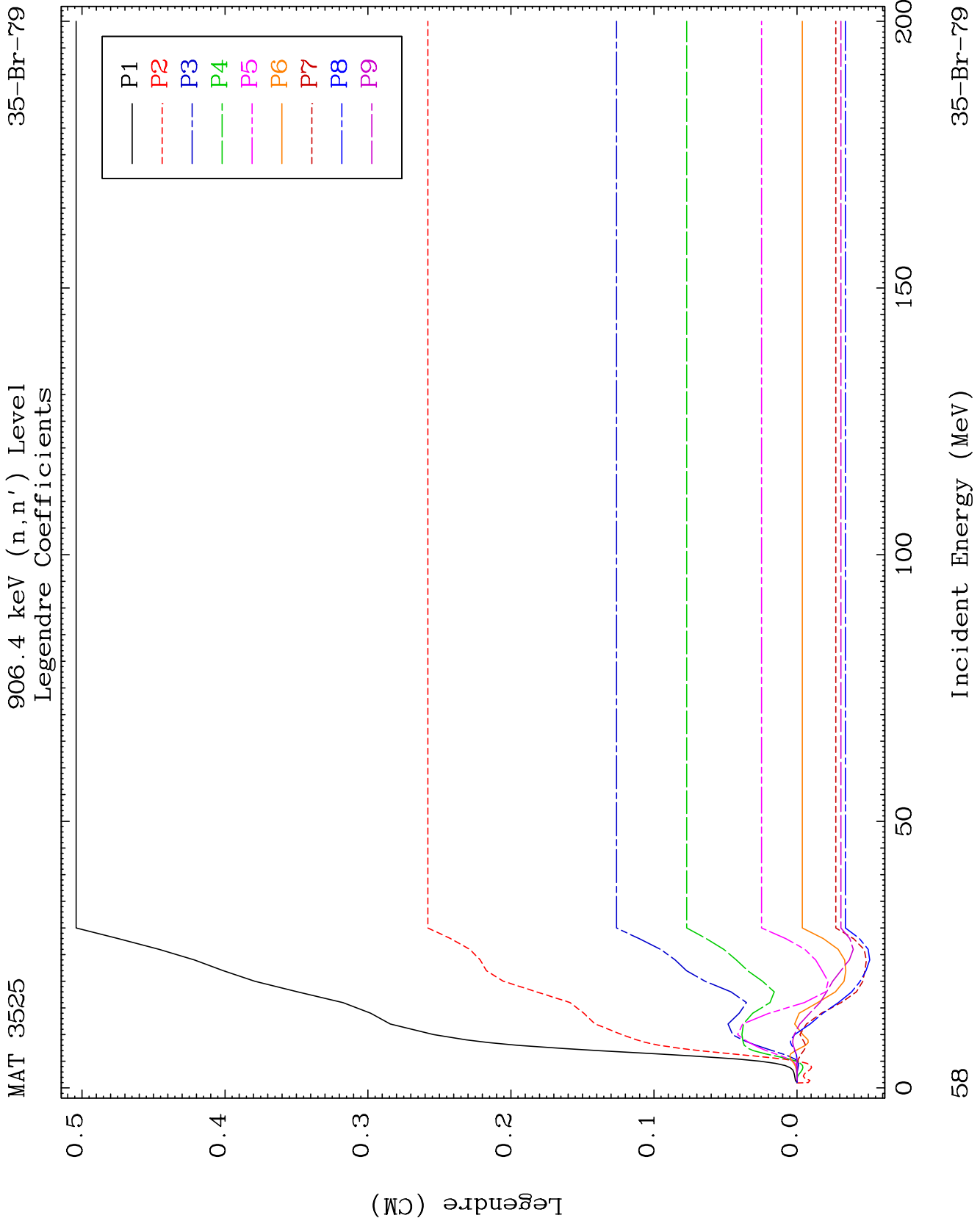


56

Incident Energy (MeV)

35-Br-79

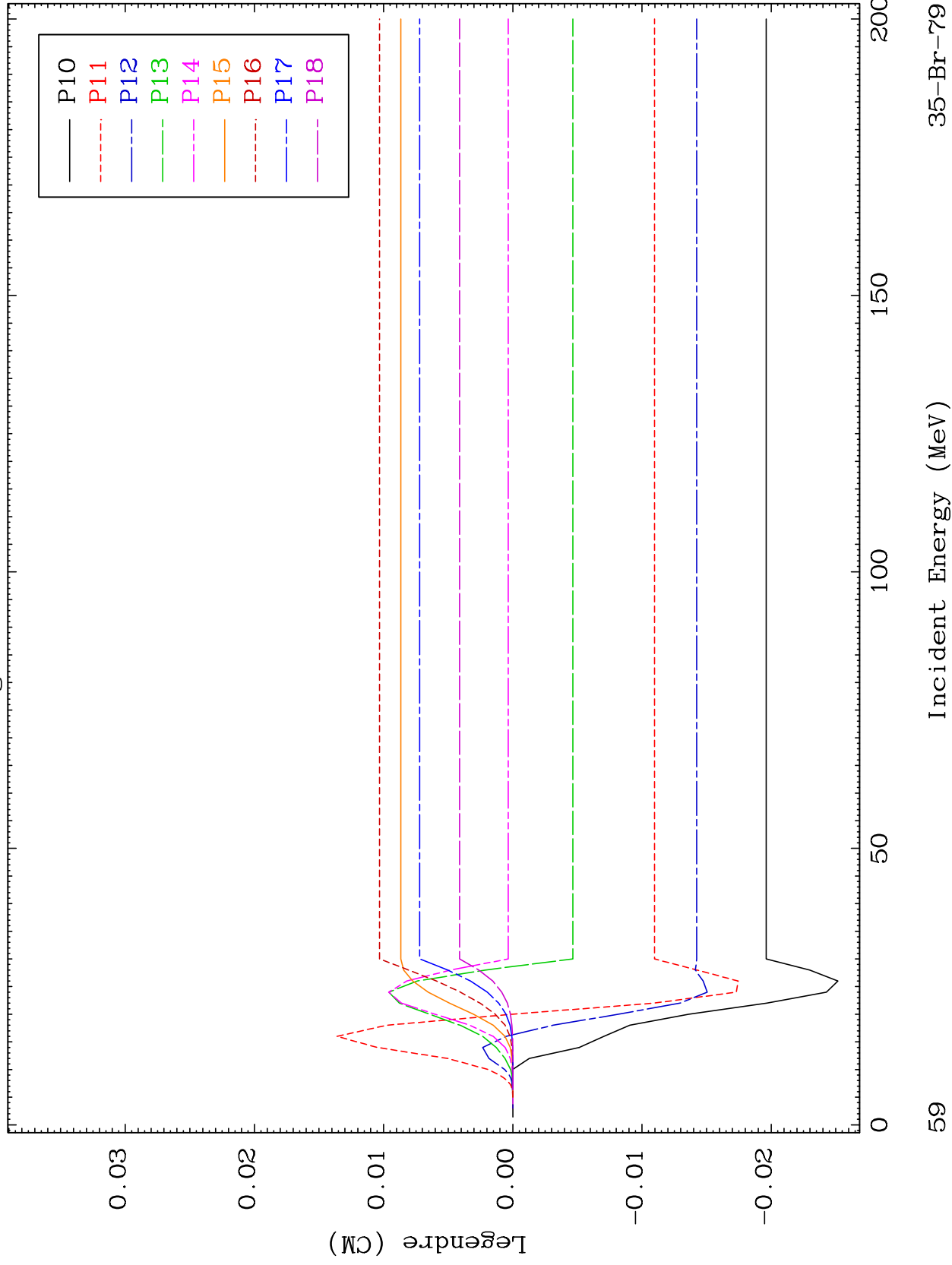




MAT 3525

906.4 keV (n,n') Level
Legendre Coefficients

35-Br-79



59

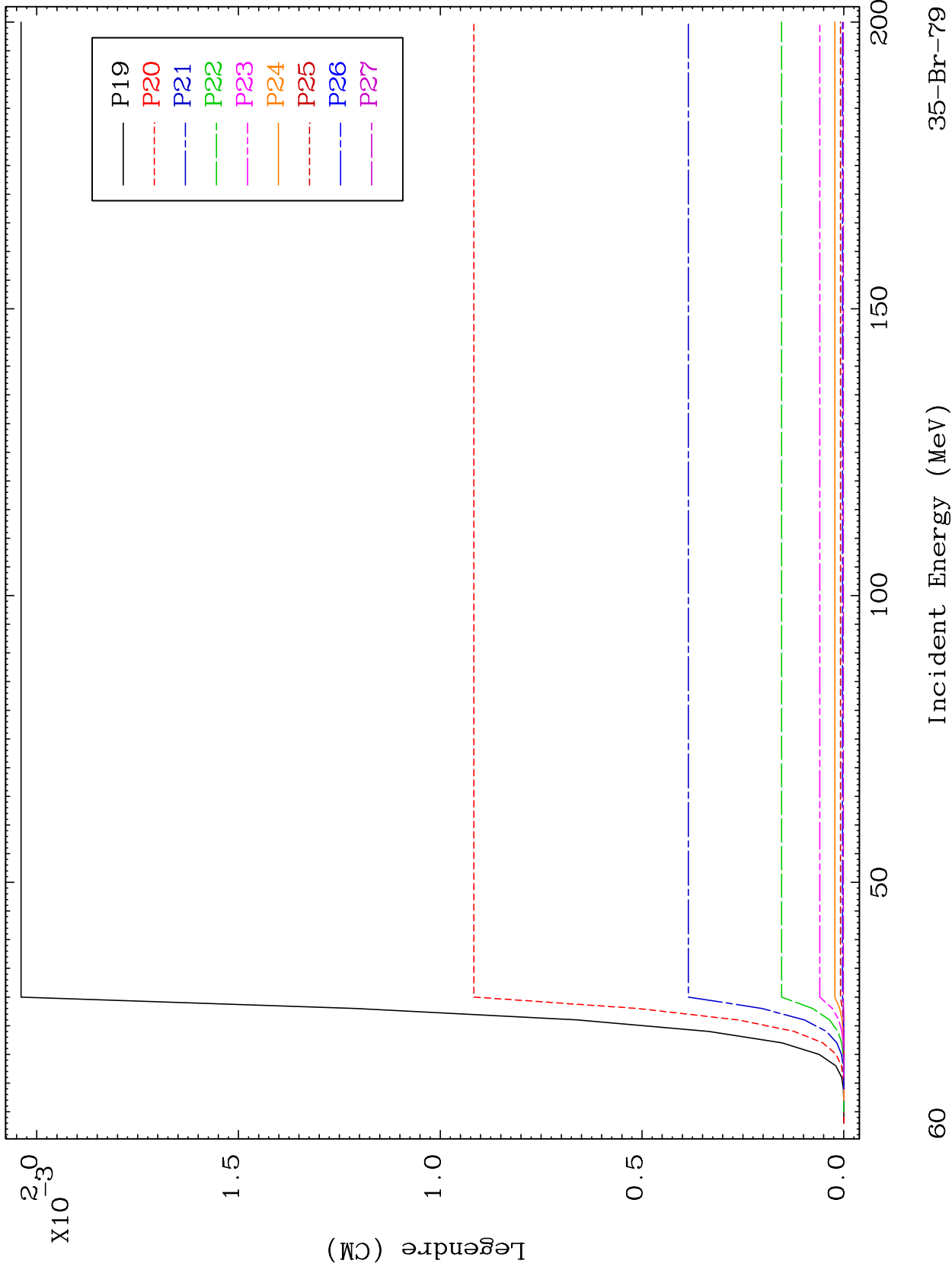
Incident Energy (MeV)

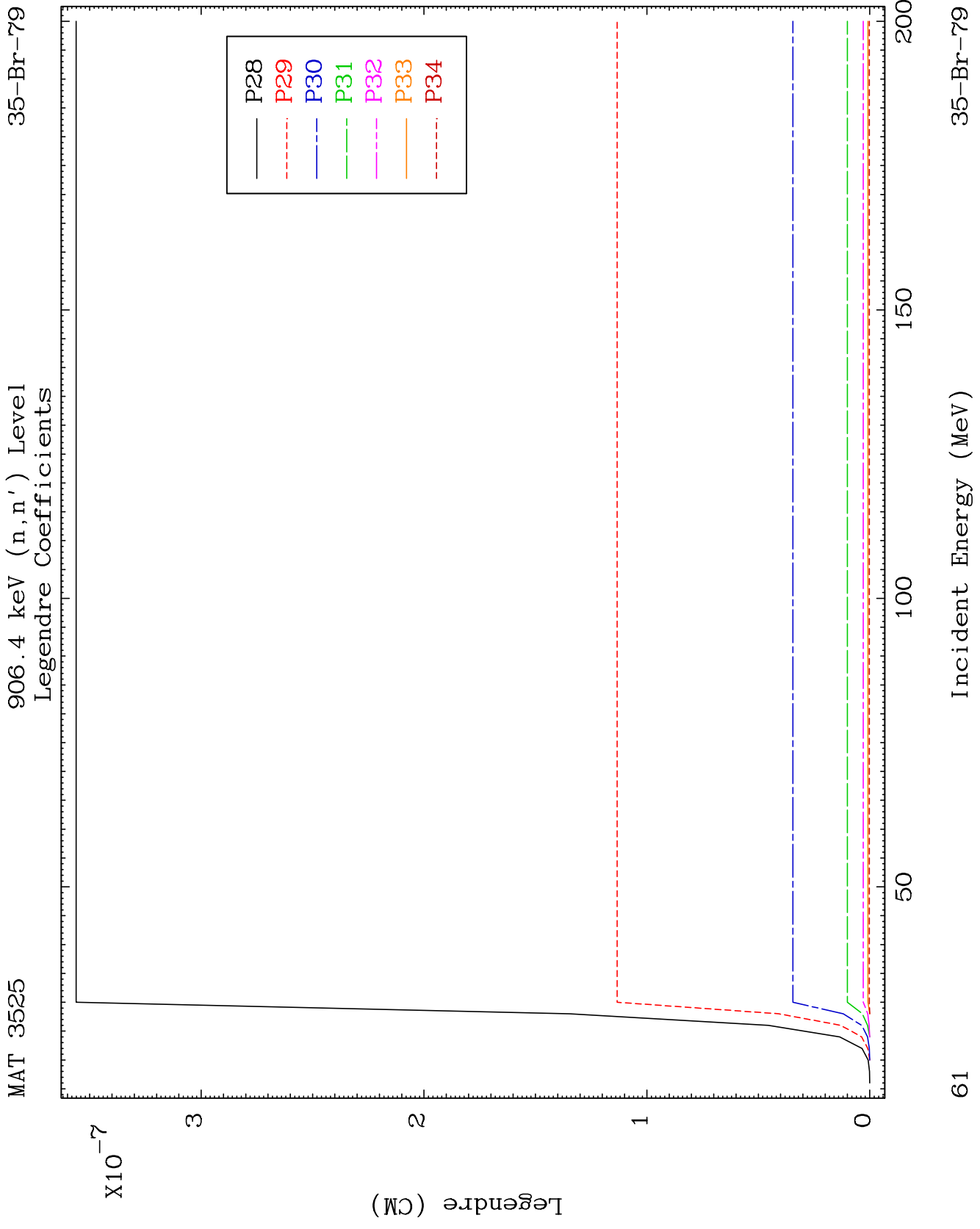
35-Br-79

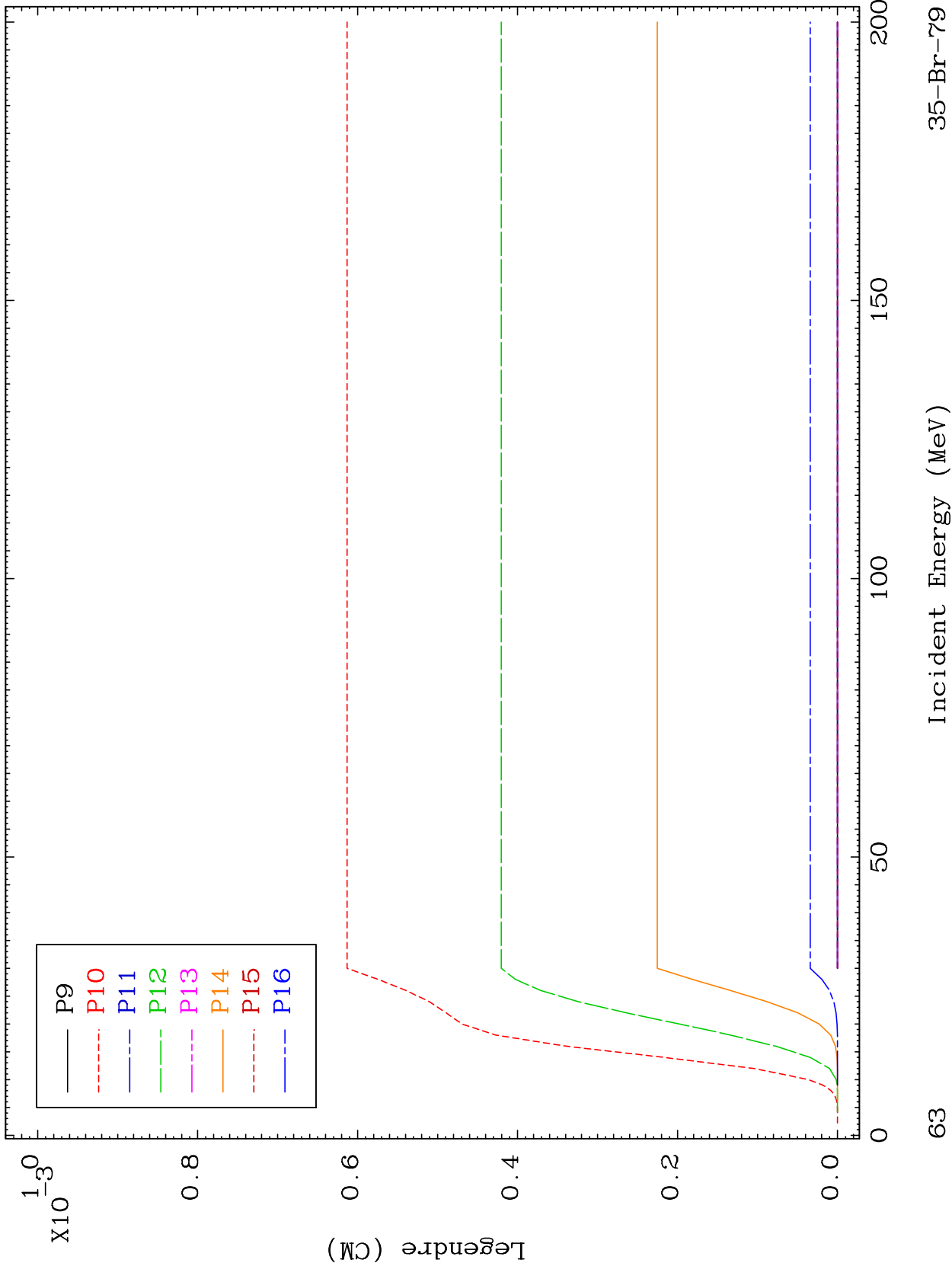
MAT 3525

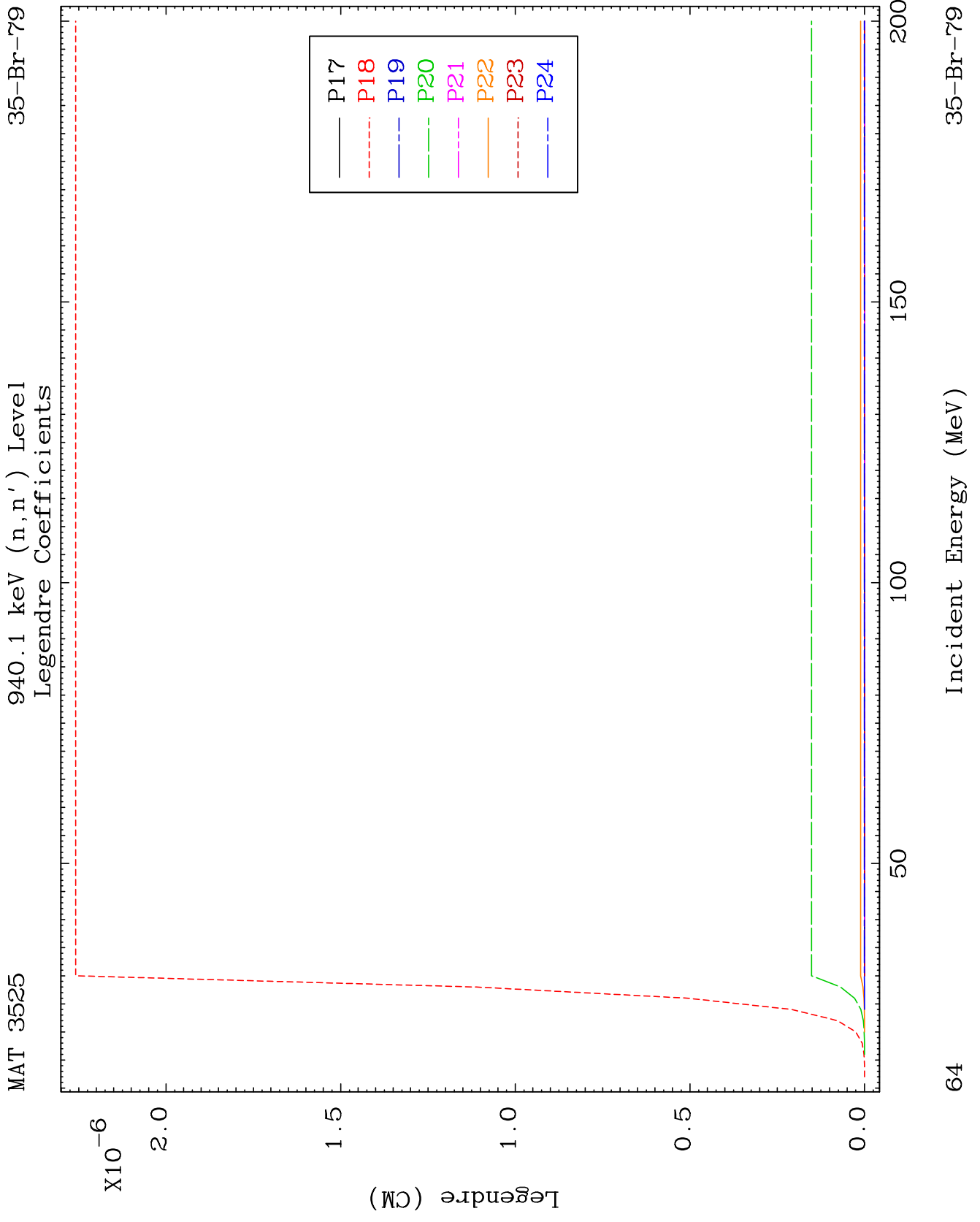
906.4 keV (n,n') Level
Legendre Coefficients

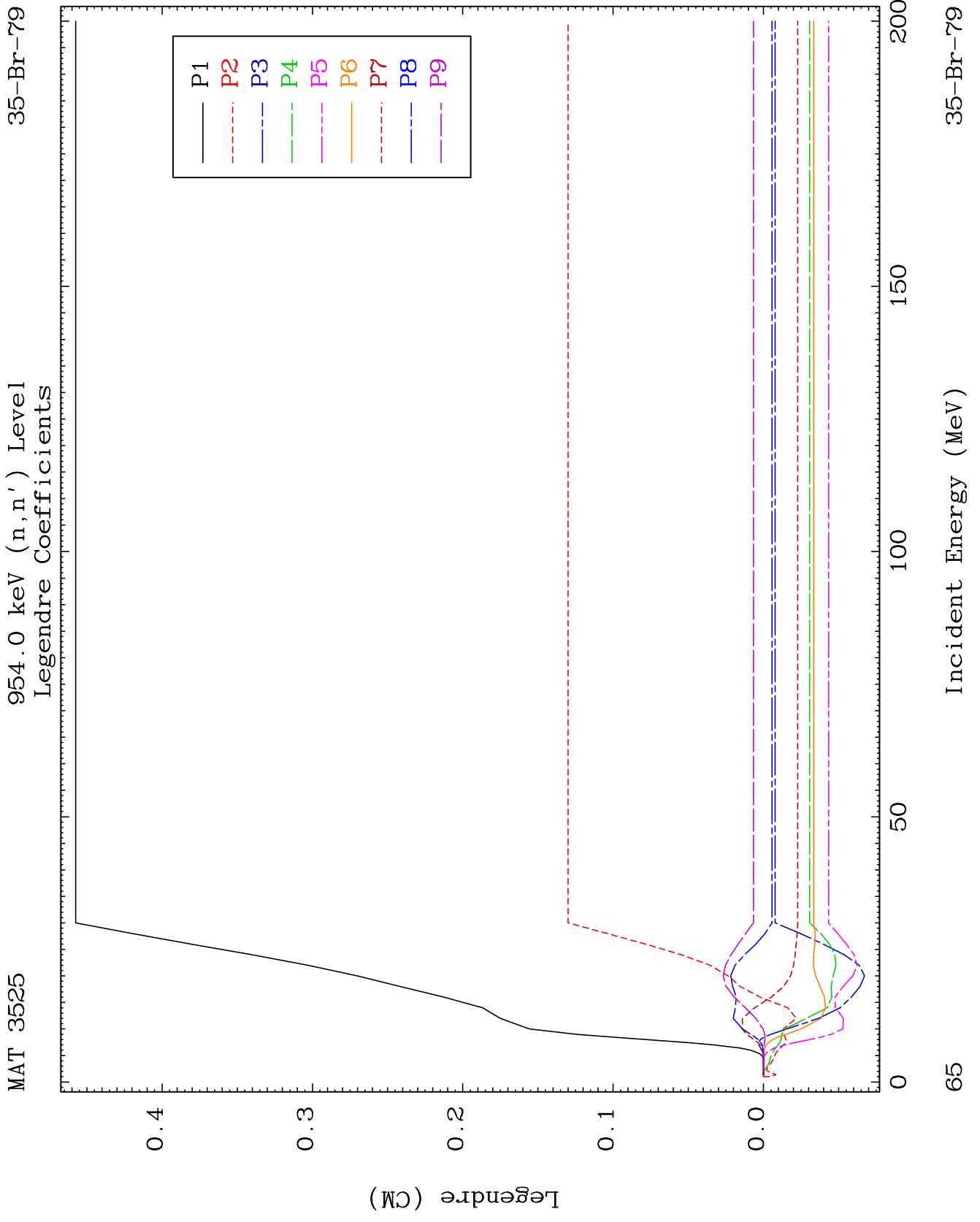
35-Br-79

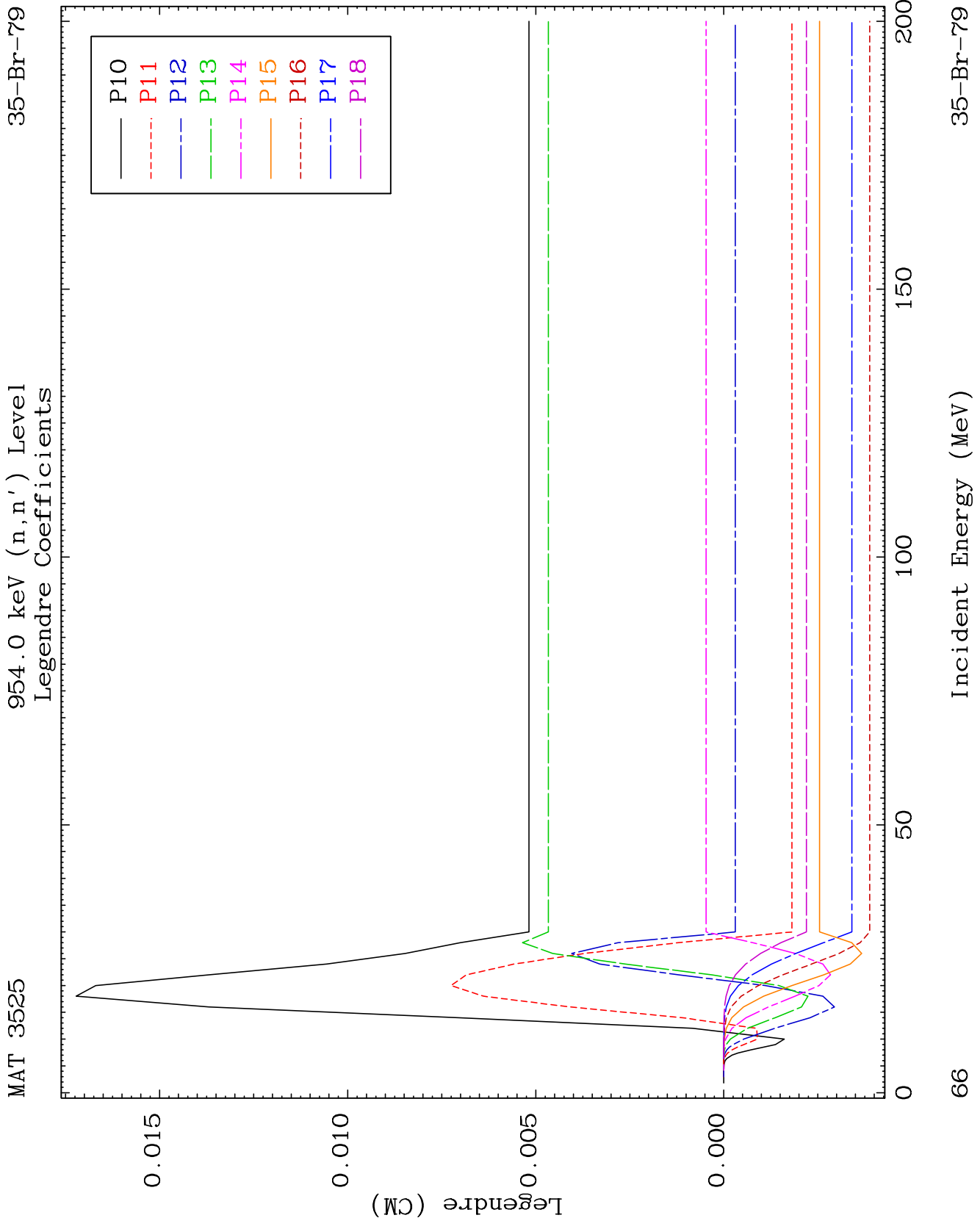


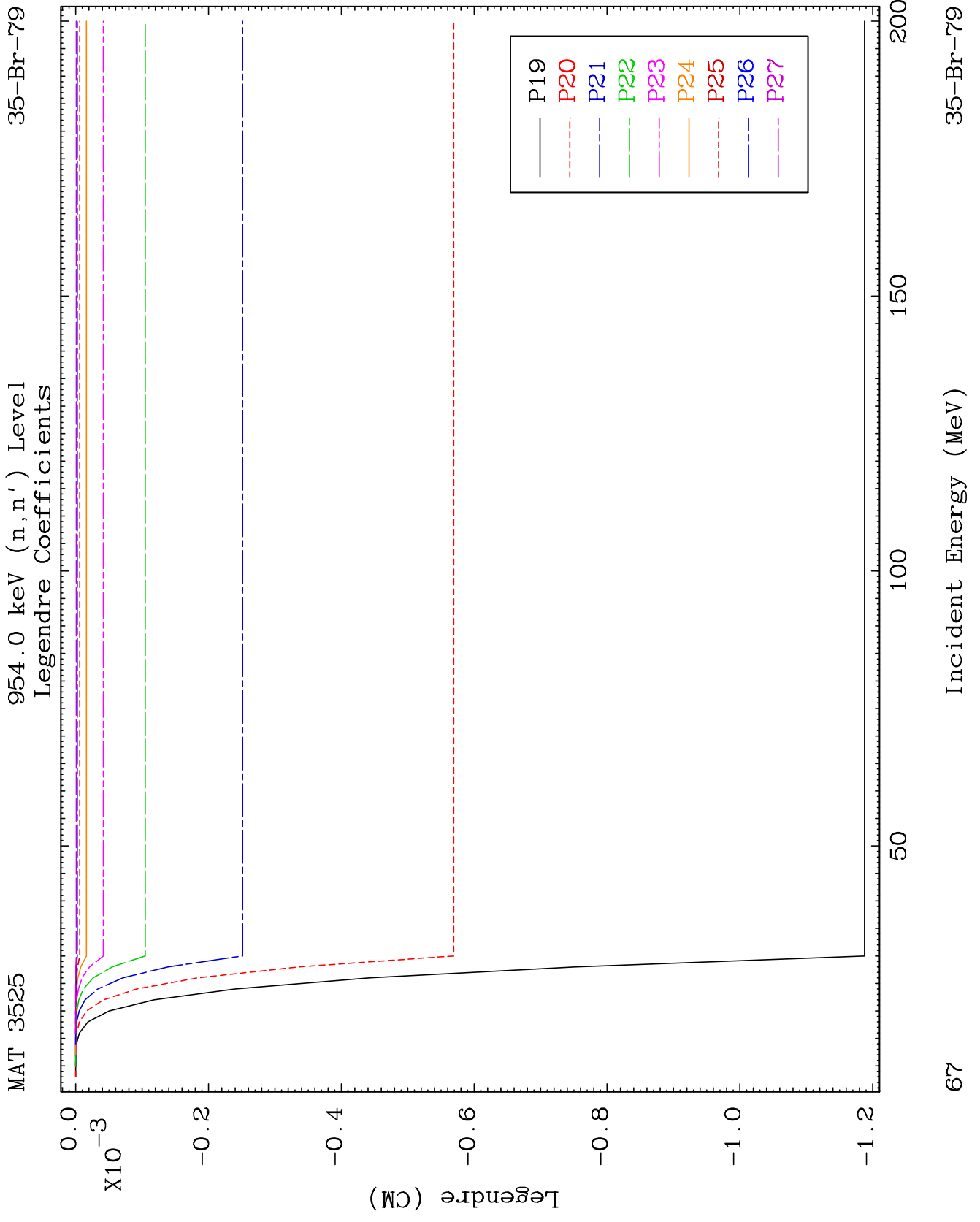


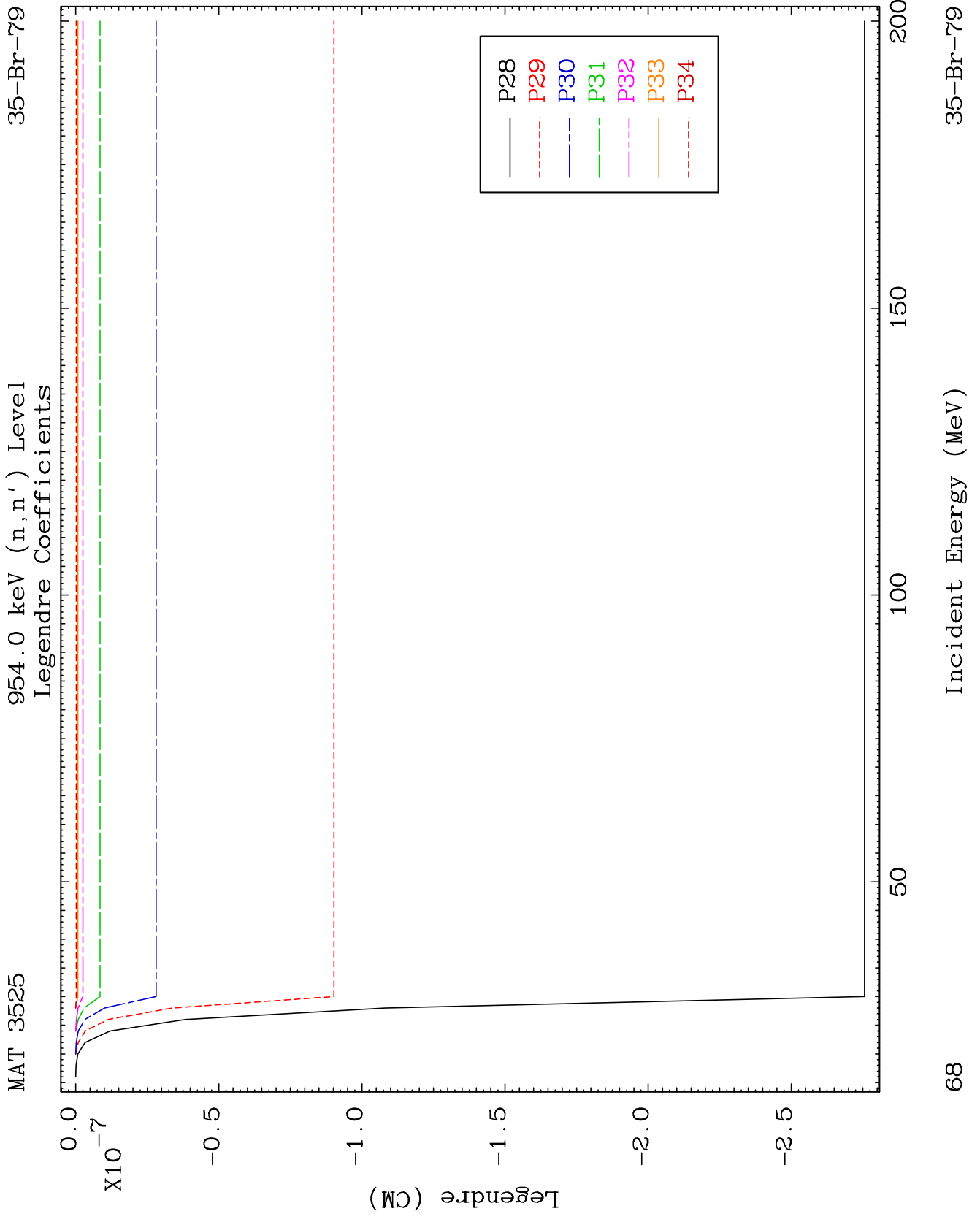








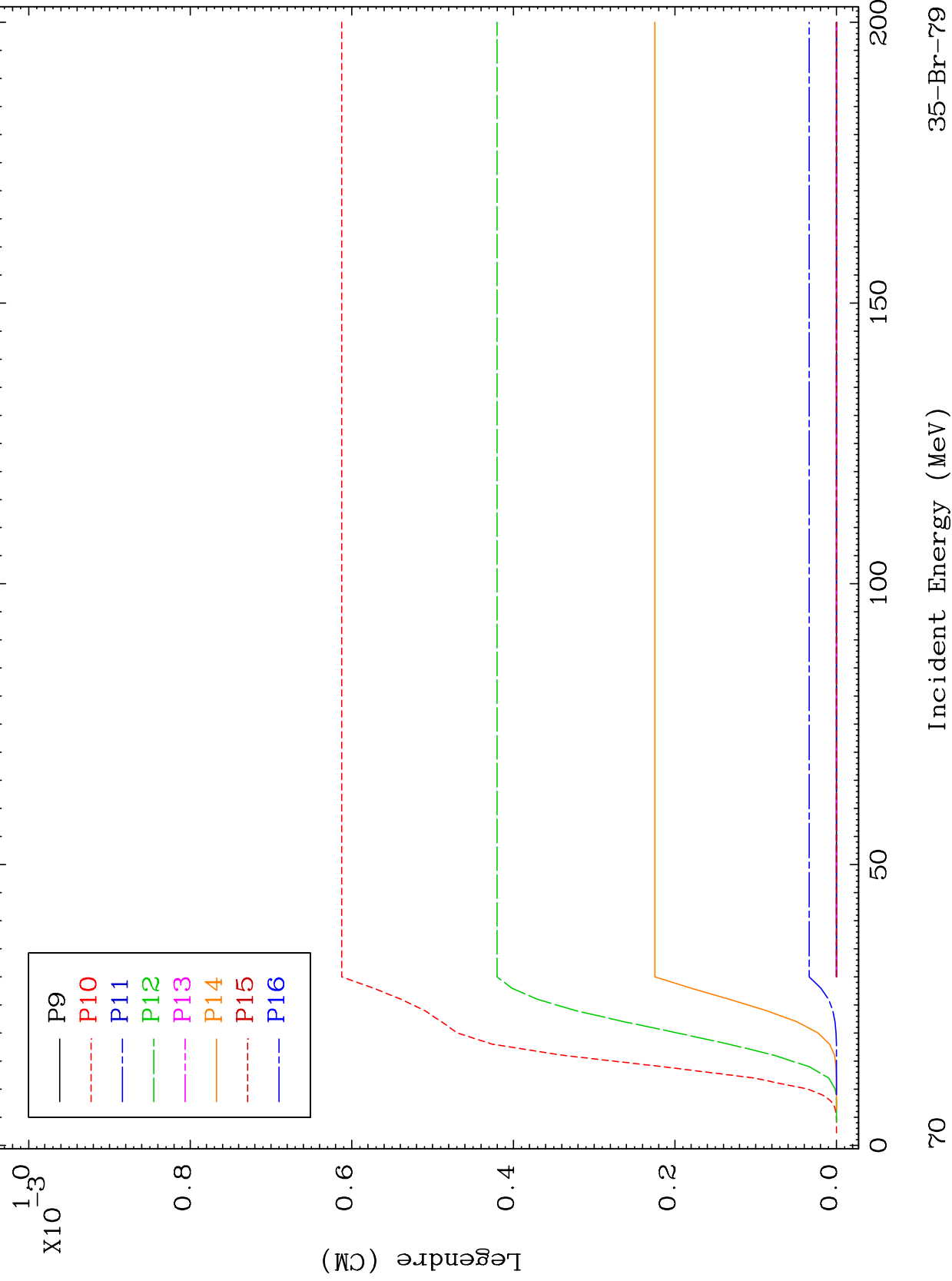


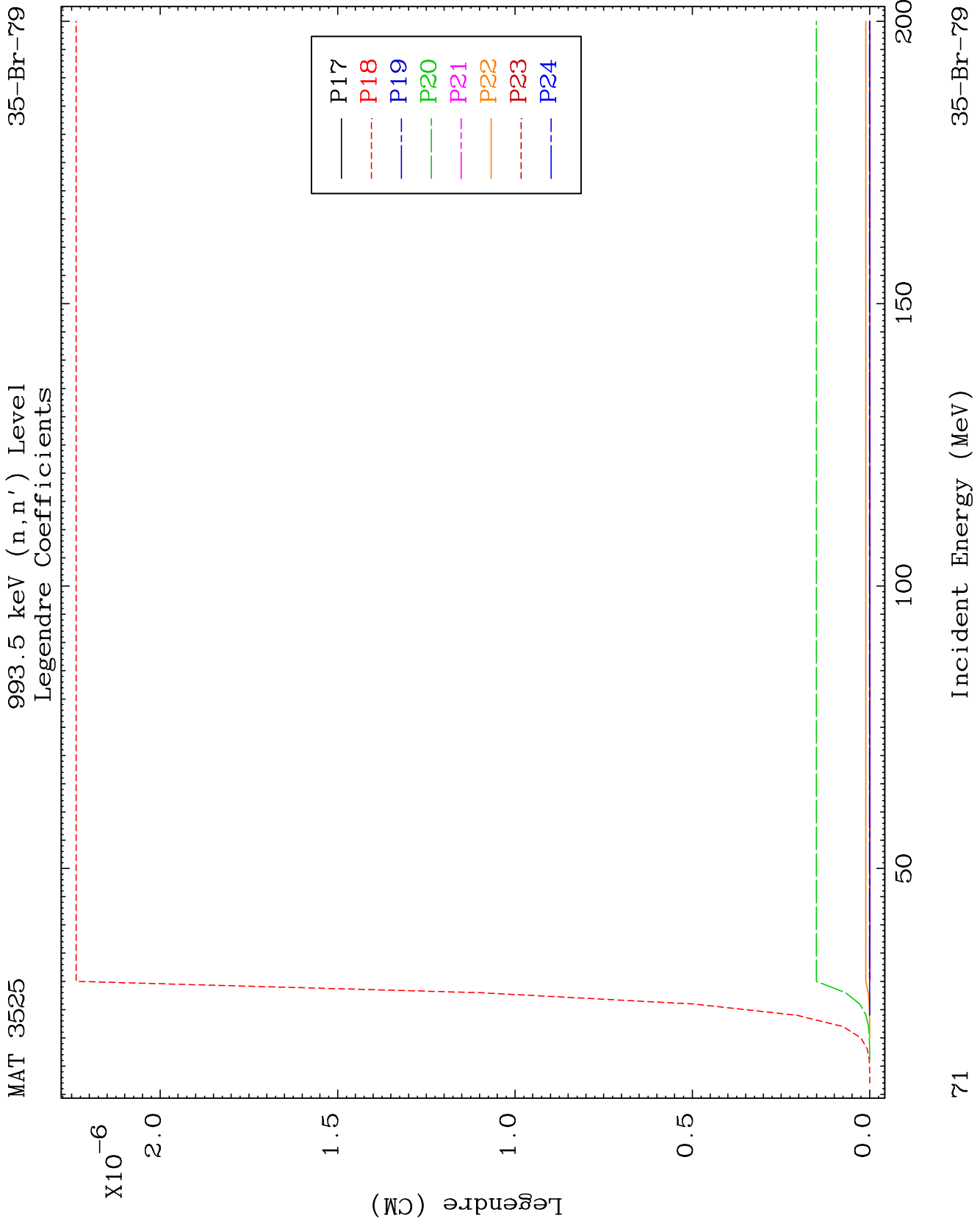


MAT 3525

993.5 keV (n,n') Level
Legendre Coefficients

35-Br-79

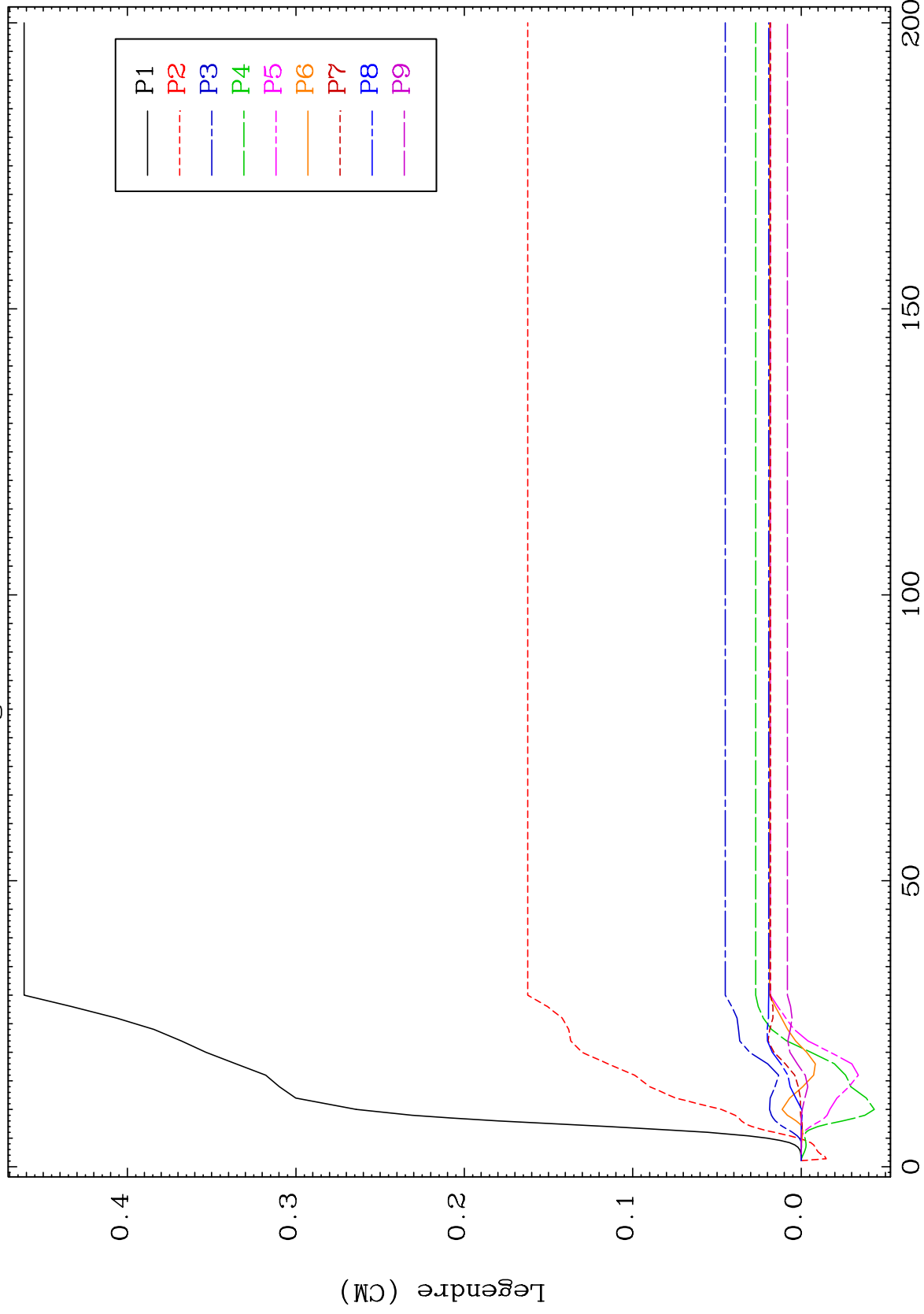




MAT 3525

1.032 MeV (n,n') Level
Legendre Coefficients

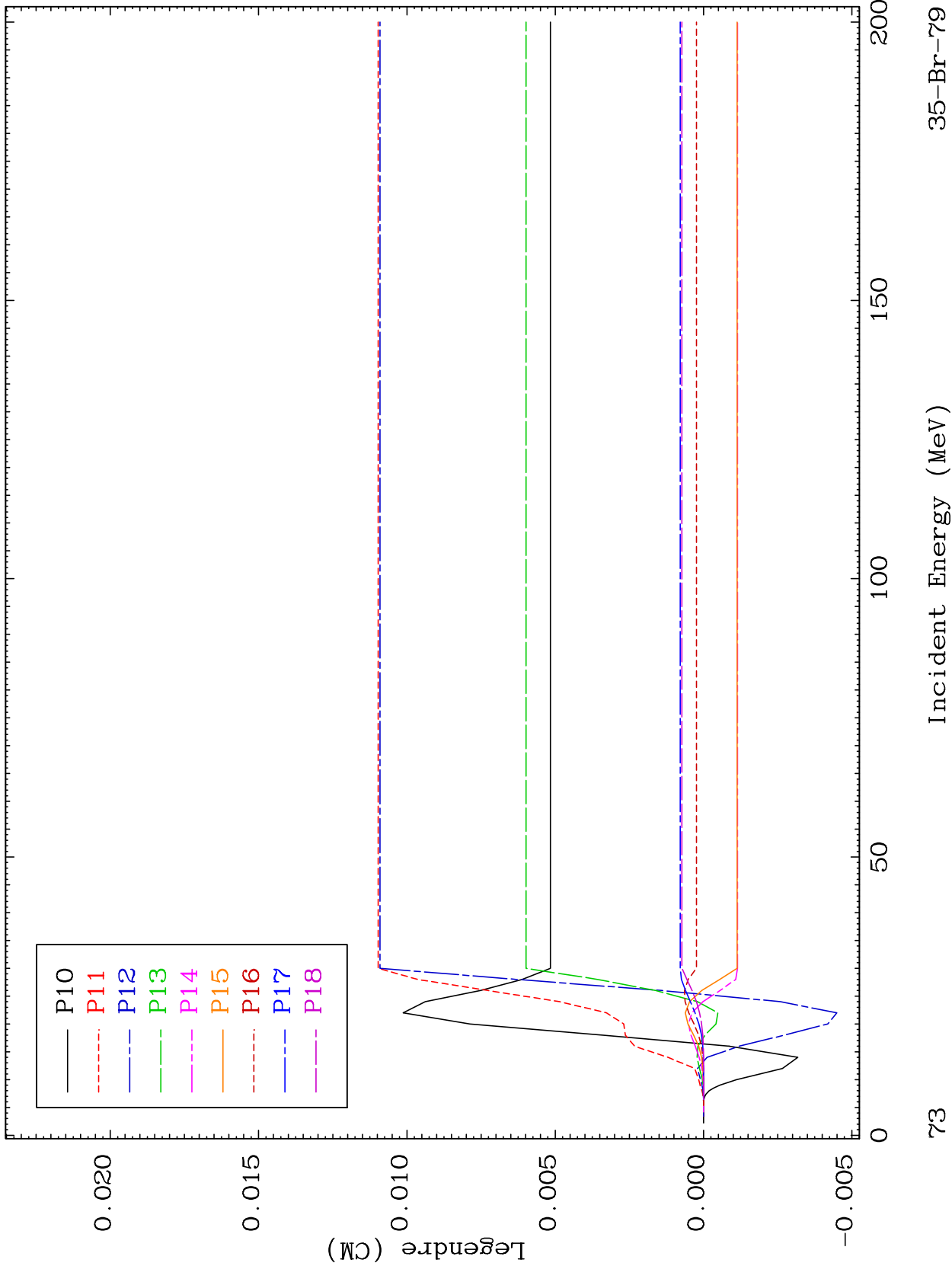
35-Br-79

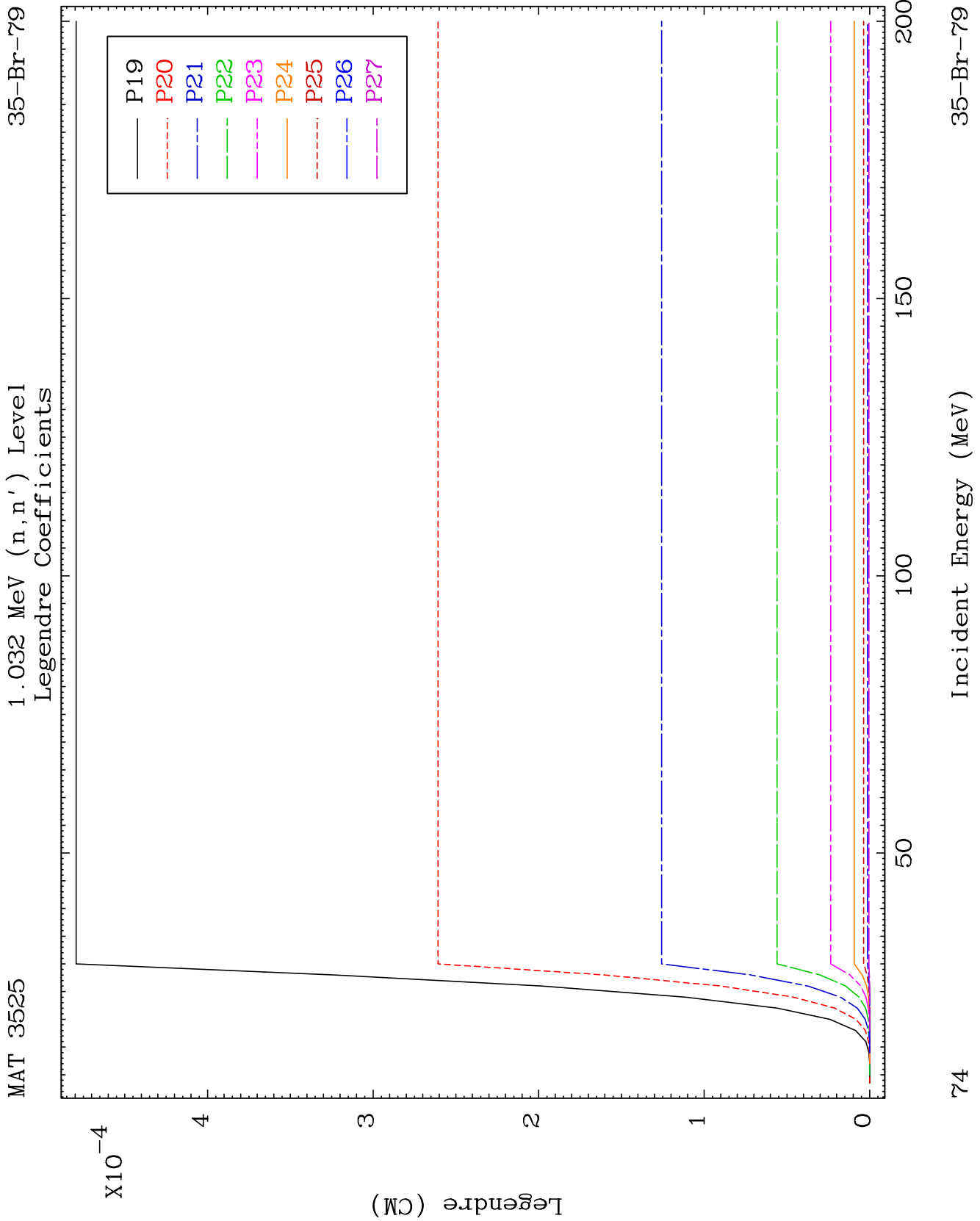


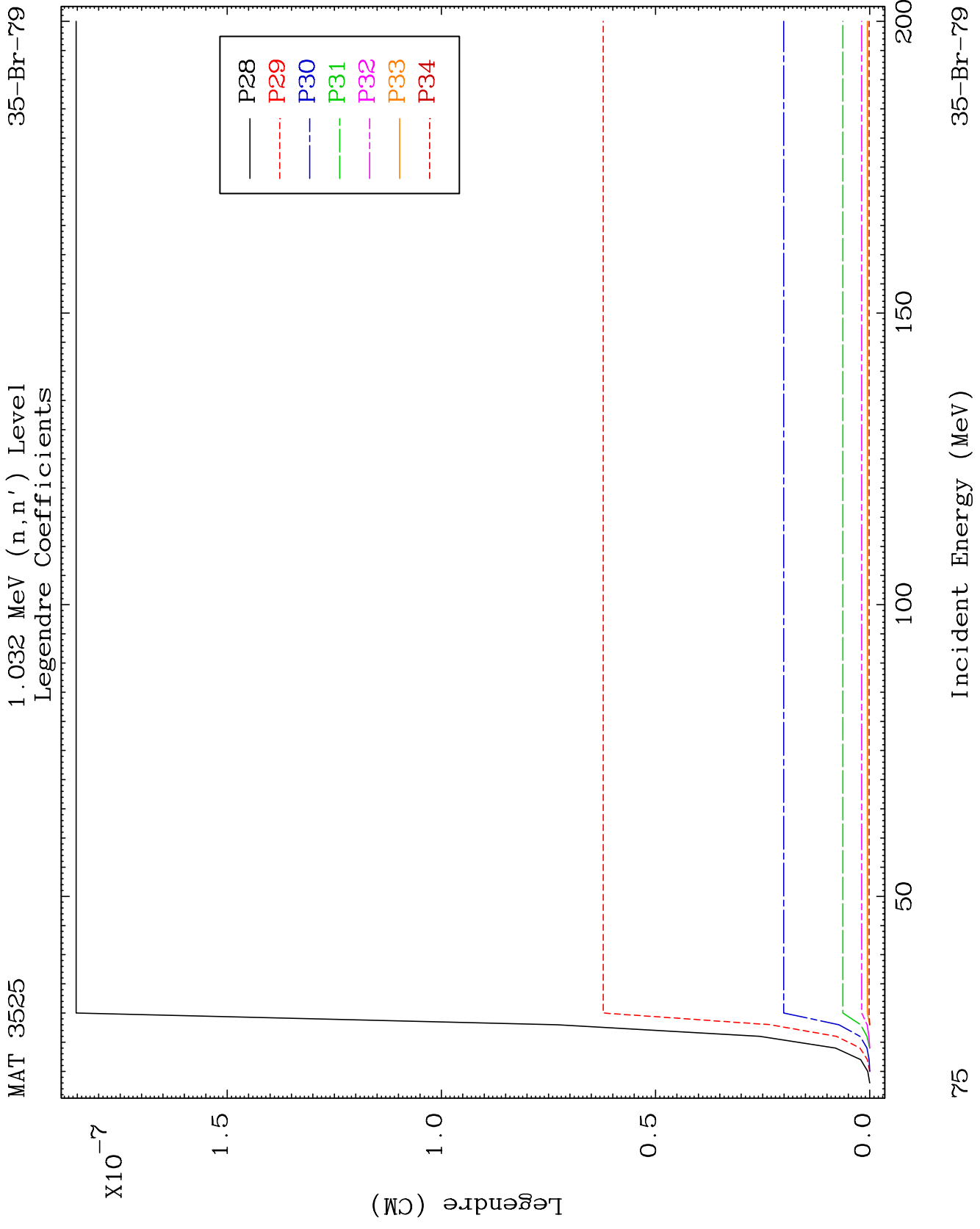
72

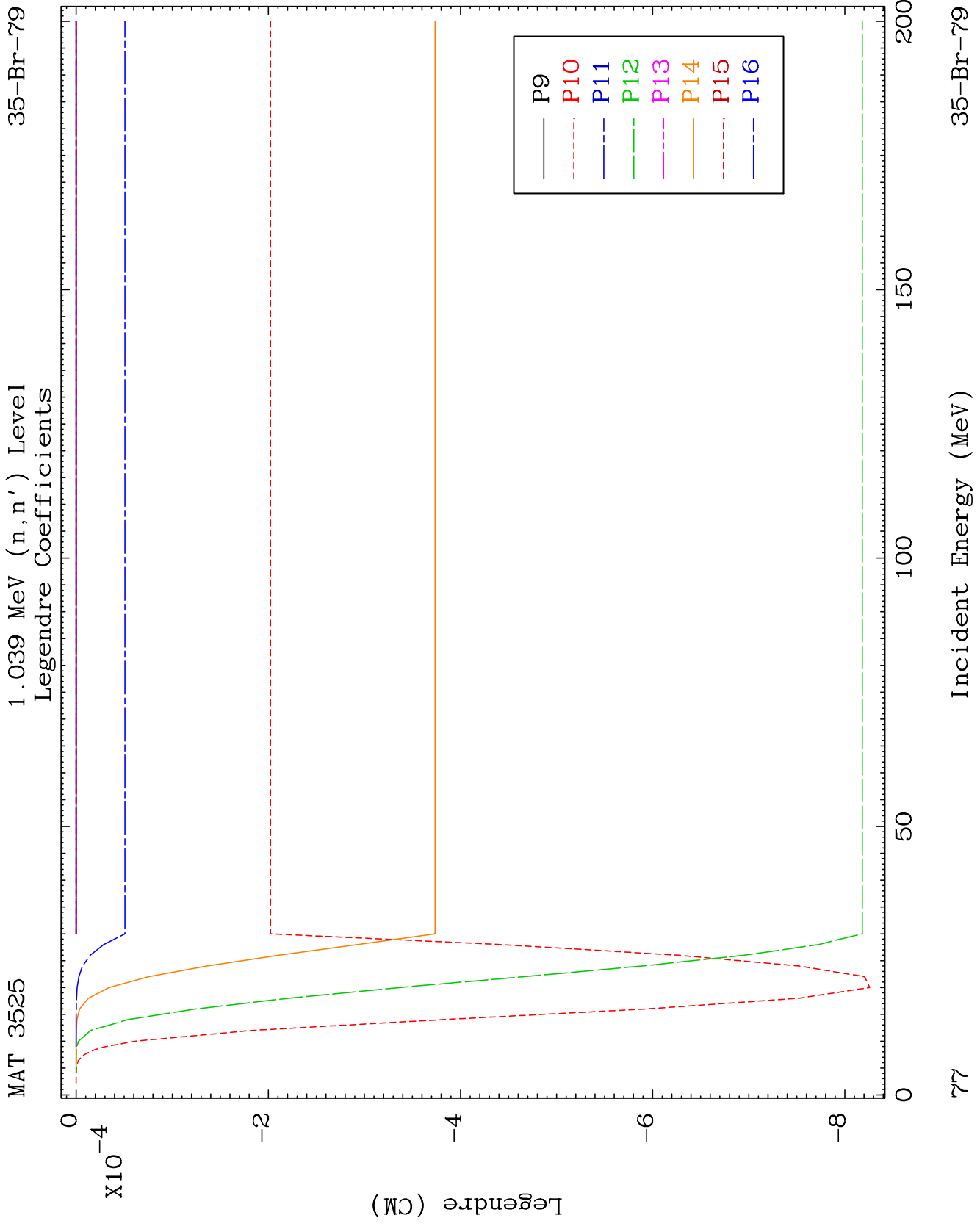
Incident Energy (MeV)

35-Br-79





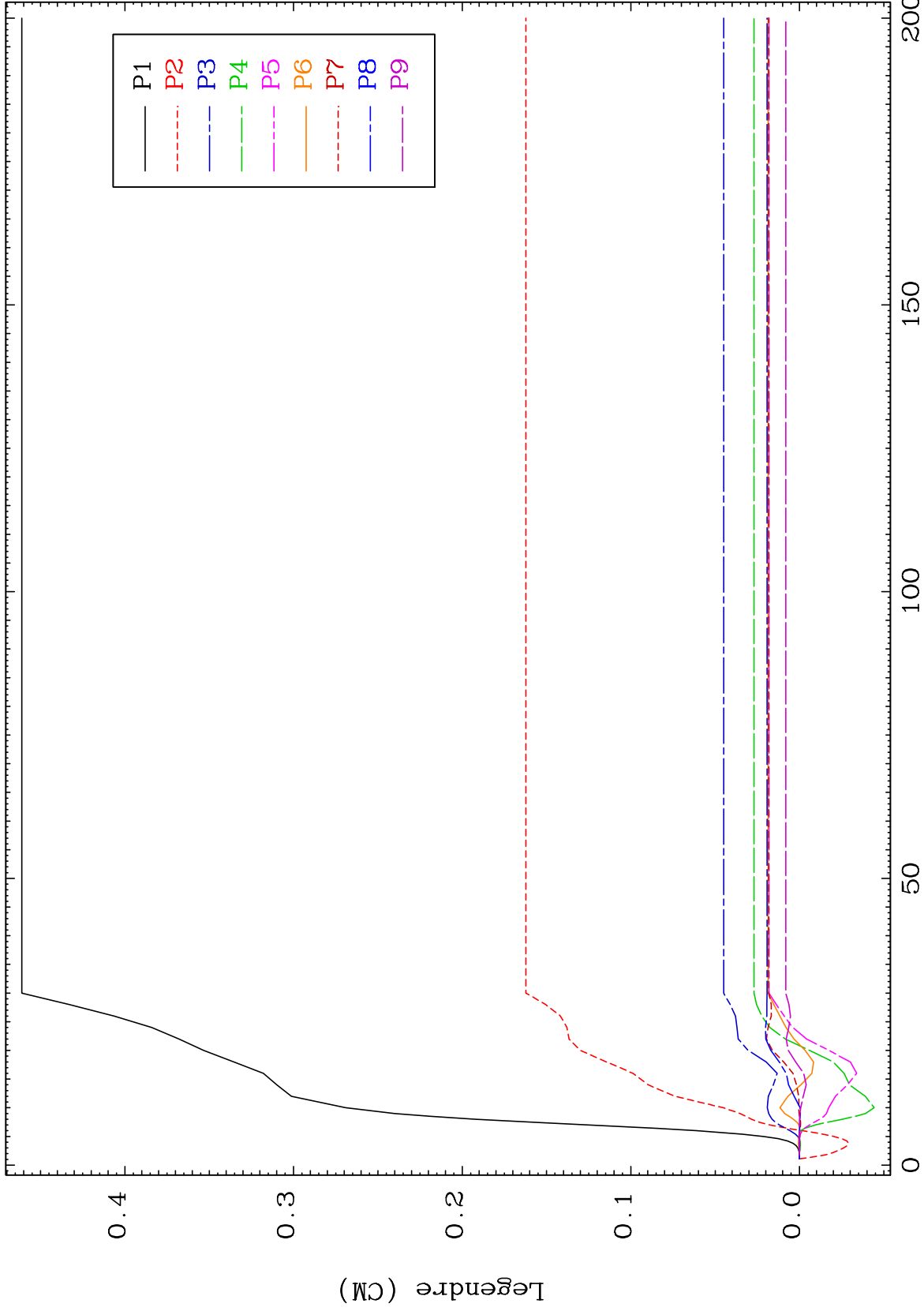




MAT 3525

1.068 MeV (n, n') Level
Legendre Coefficients

35-Br-79



79

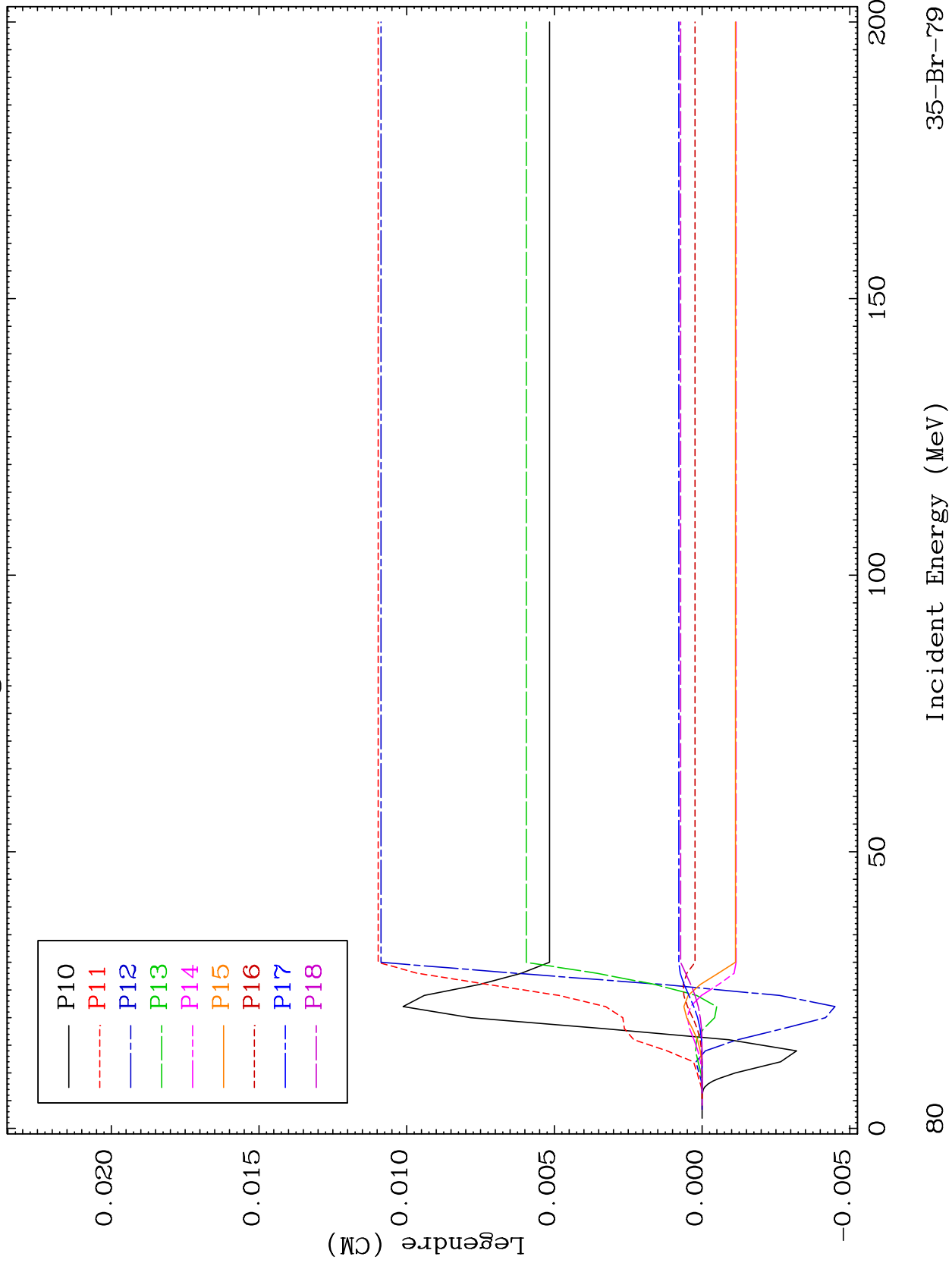
Incident Energy (MeV)

35-Br-79

MAT 3525

1.068 MeV (n,n') Level
Legendre Coefficients

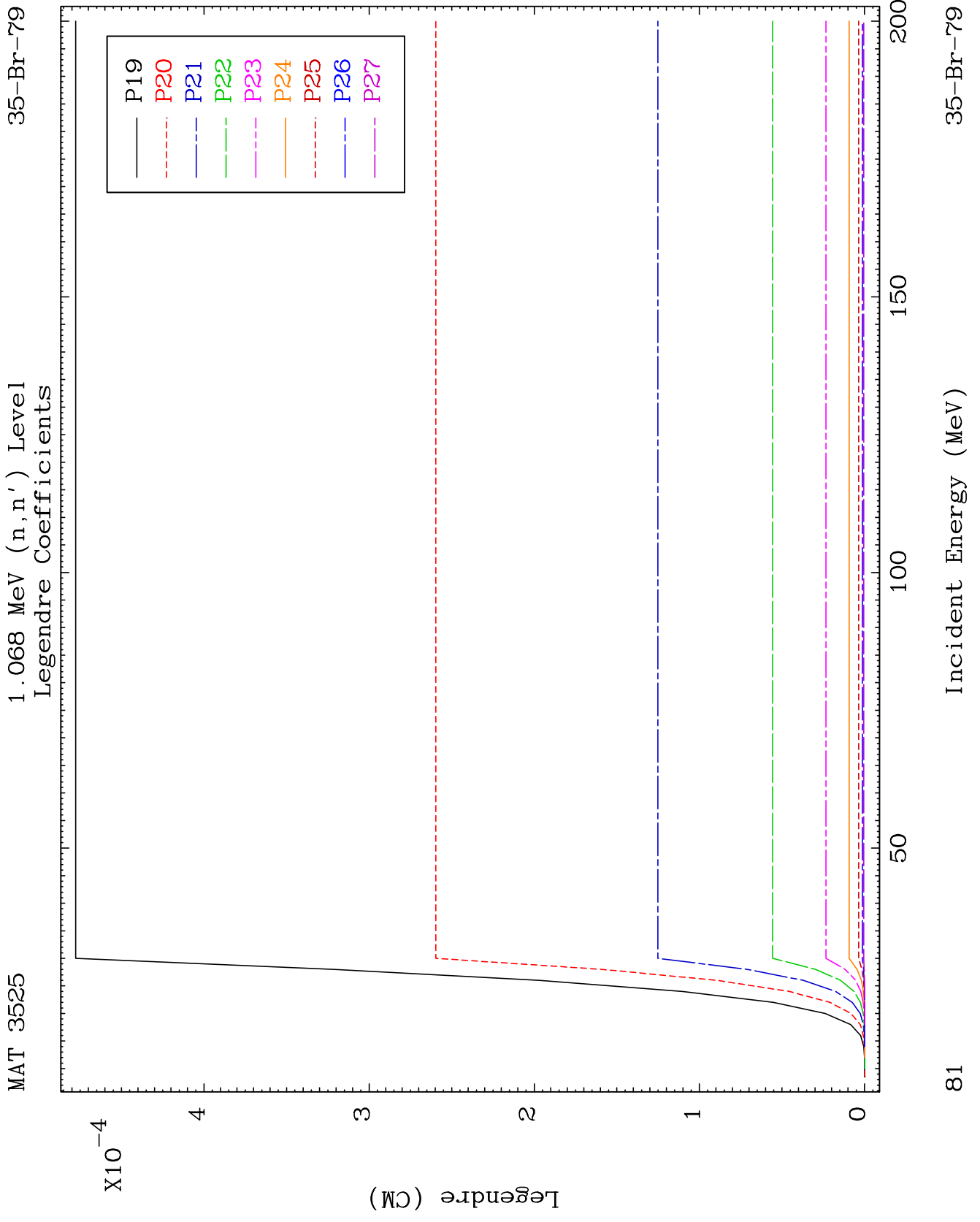
35-Br-79

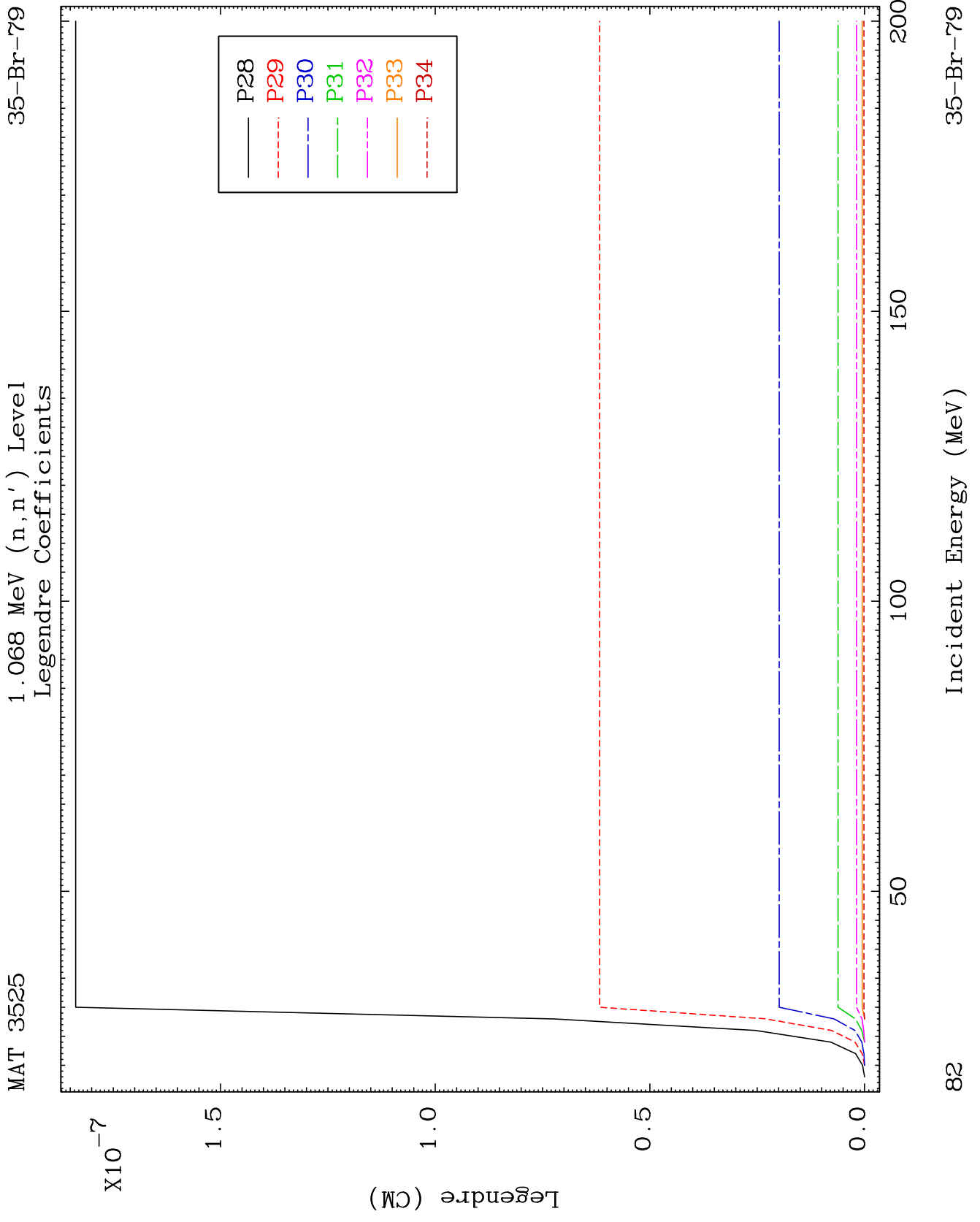


35-Br-79

Incident Energy (MeV)

80

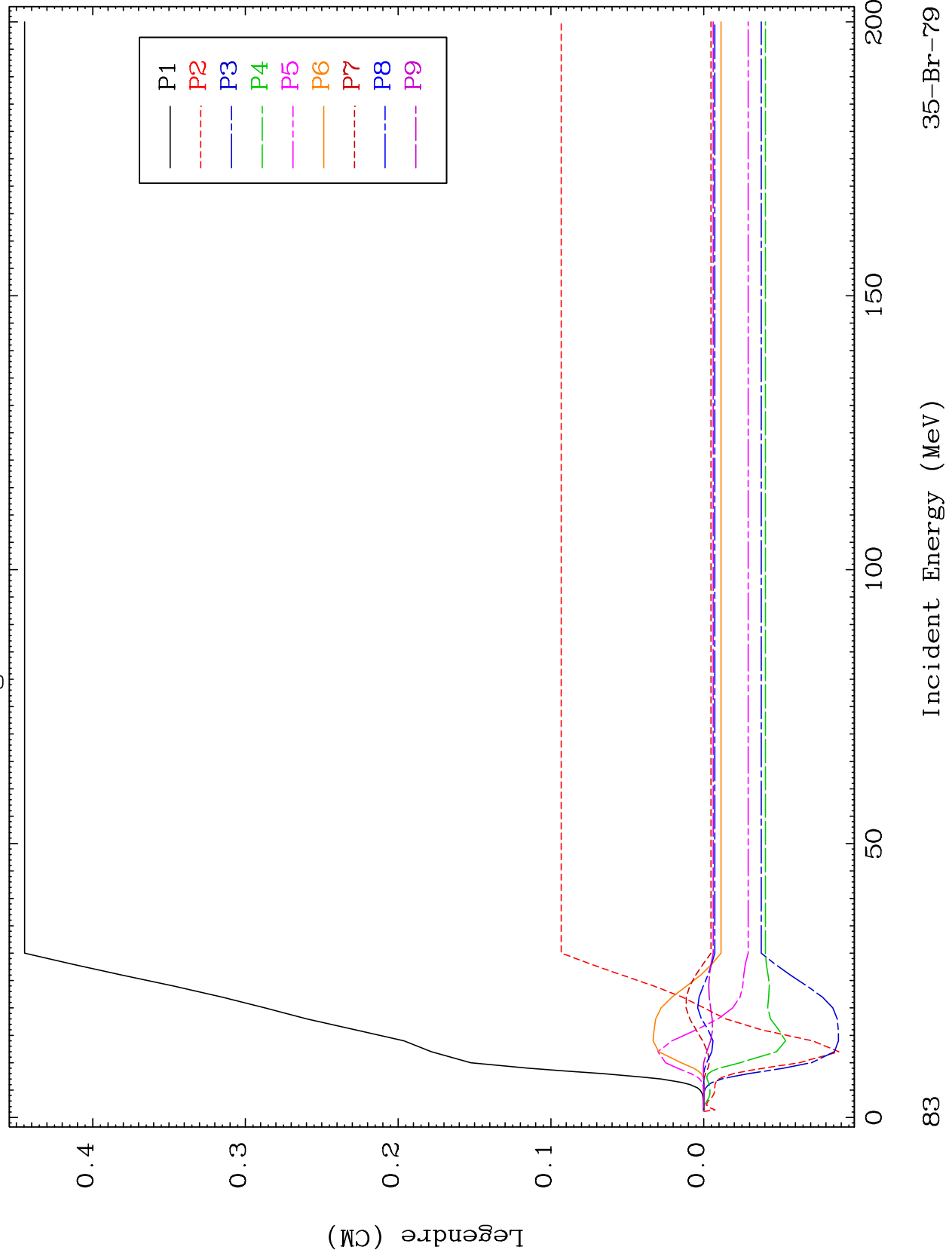




MAT 3525

1.080 MeV (n,n') Level
Legendre Coefficients

35-Br-79



83

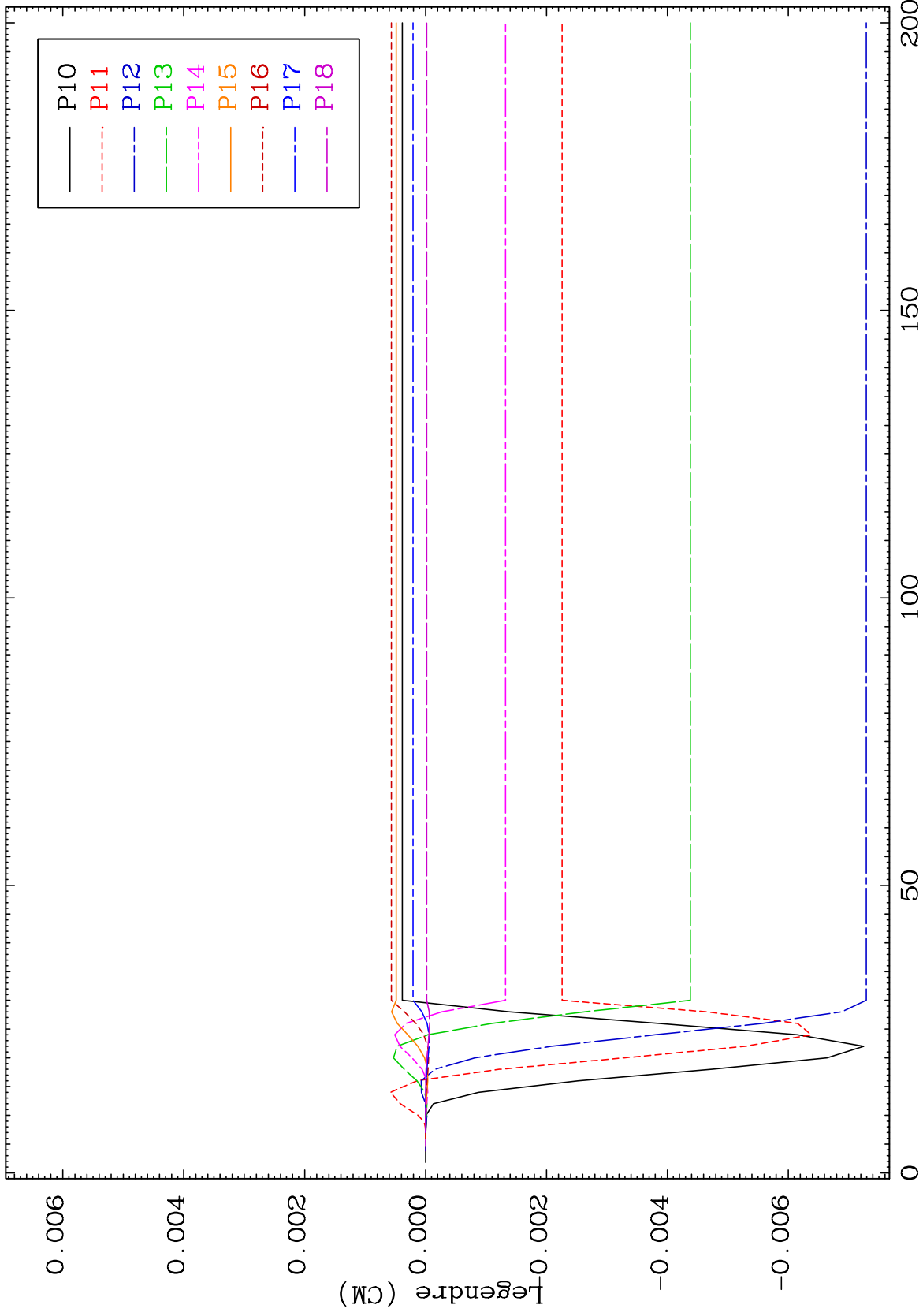
Incident Energy (MeV)

35-Br-79

MAT 3525

1.080 MeV (n,n') Level
Legendre Coefficients

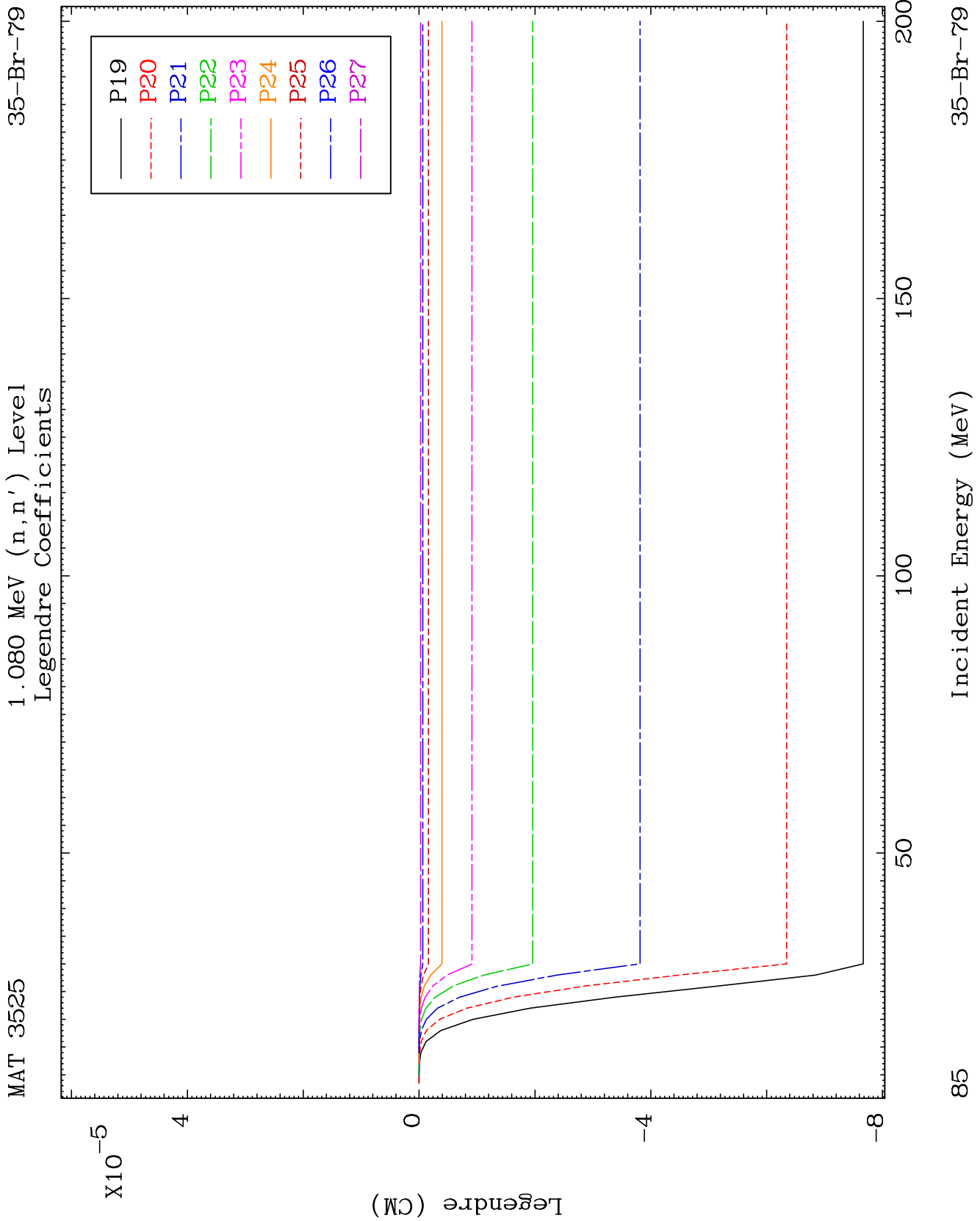
35-Br-79

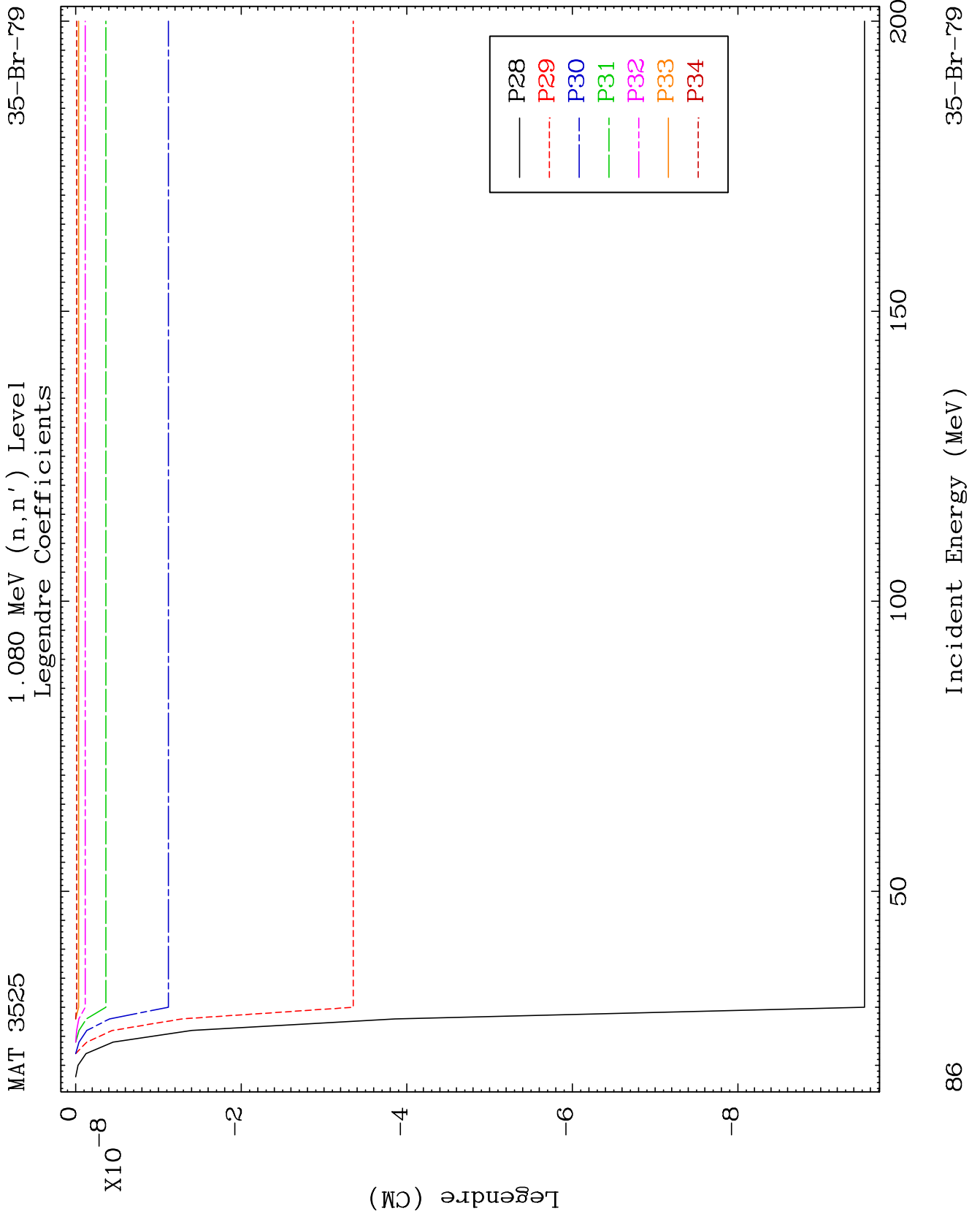


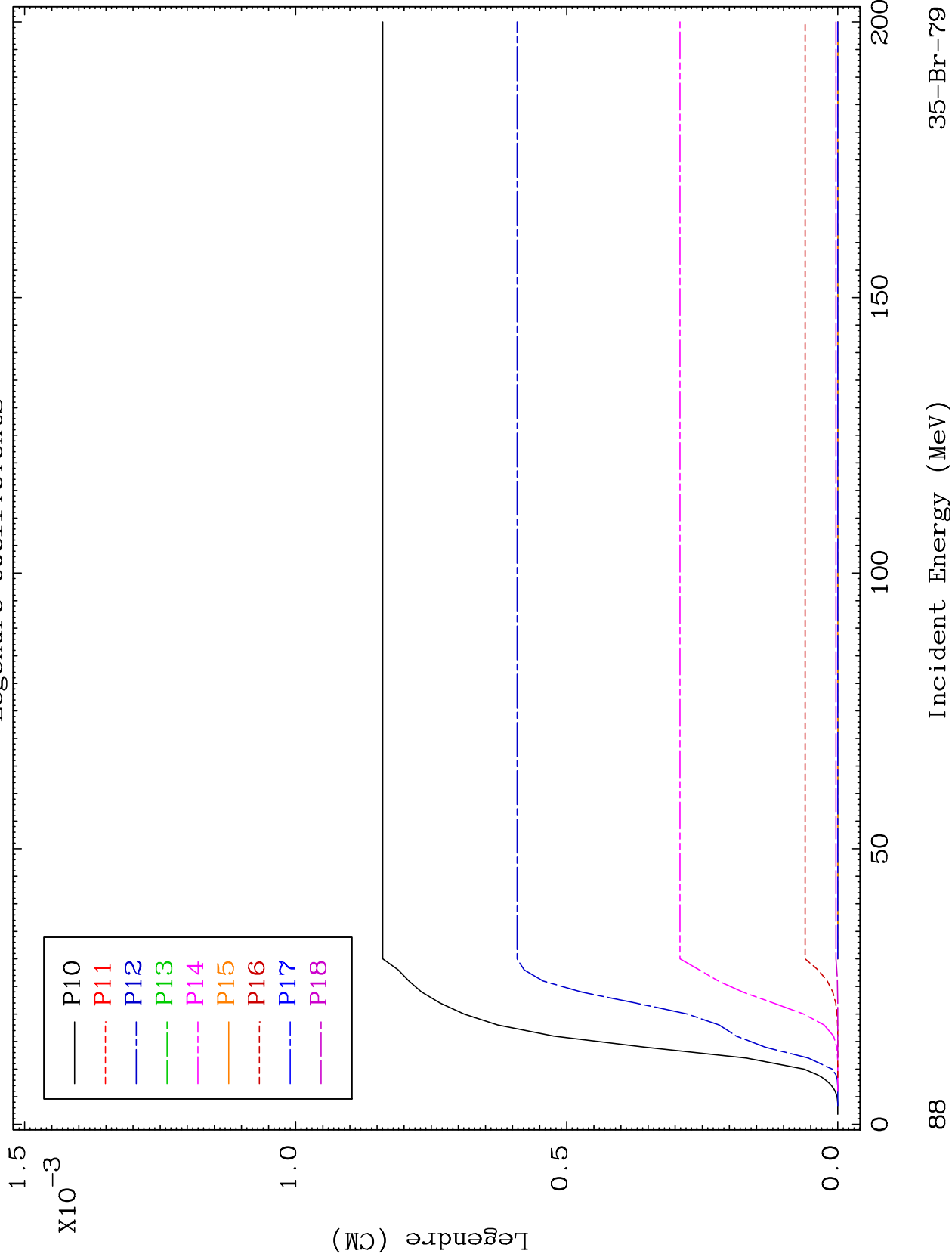
84

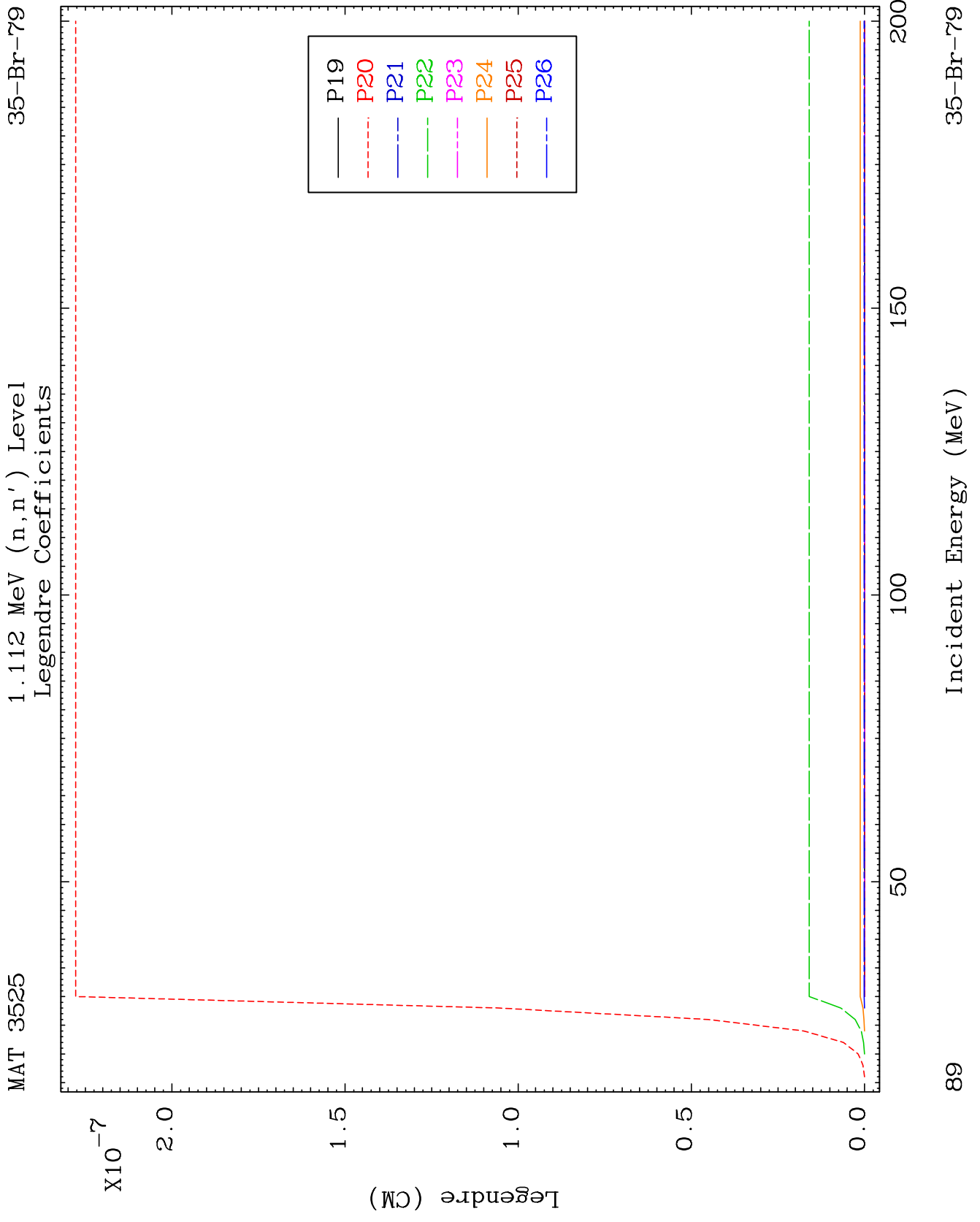
Incident Energy (MeV)

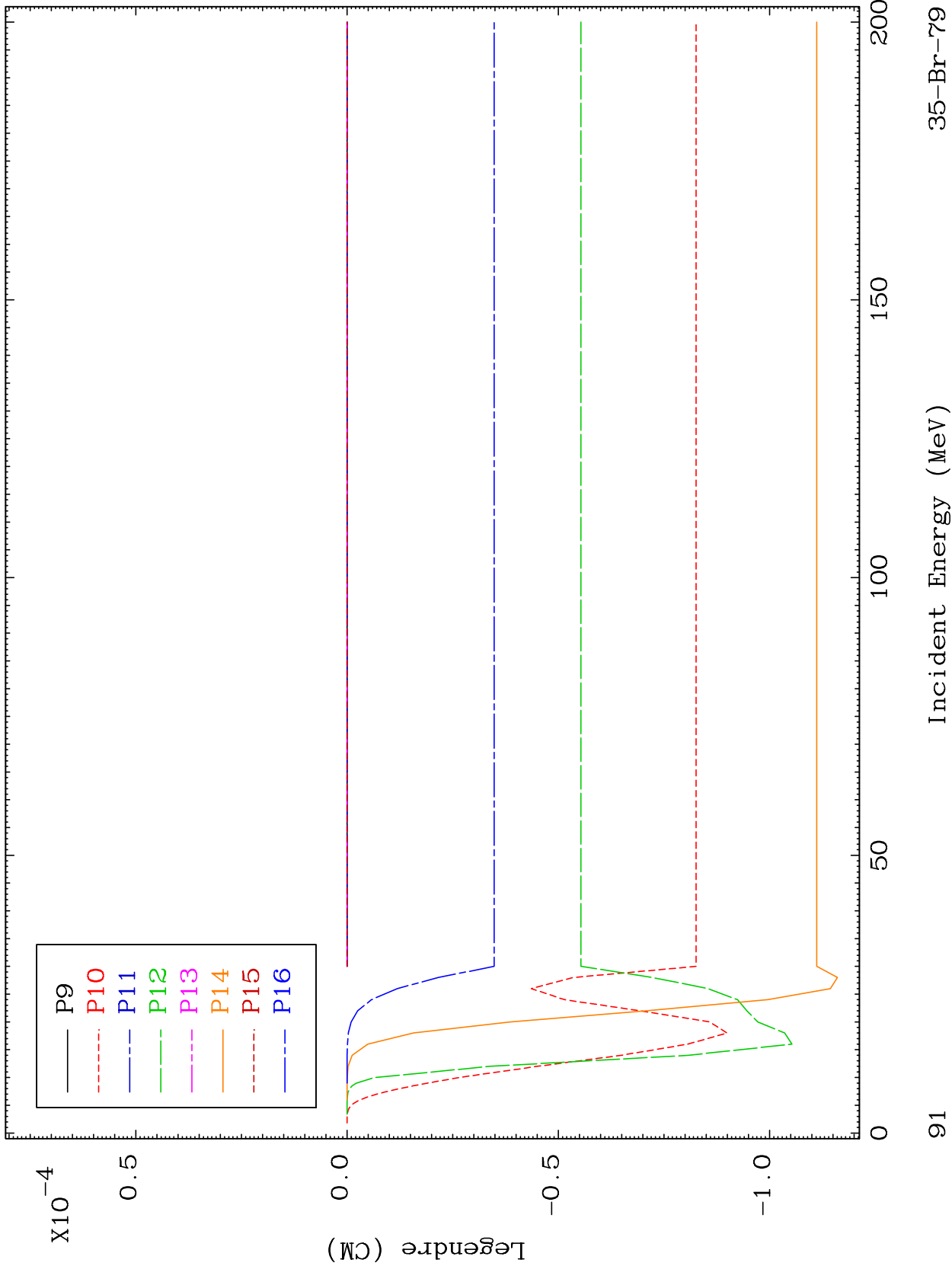
35-Br-79

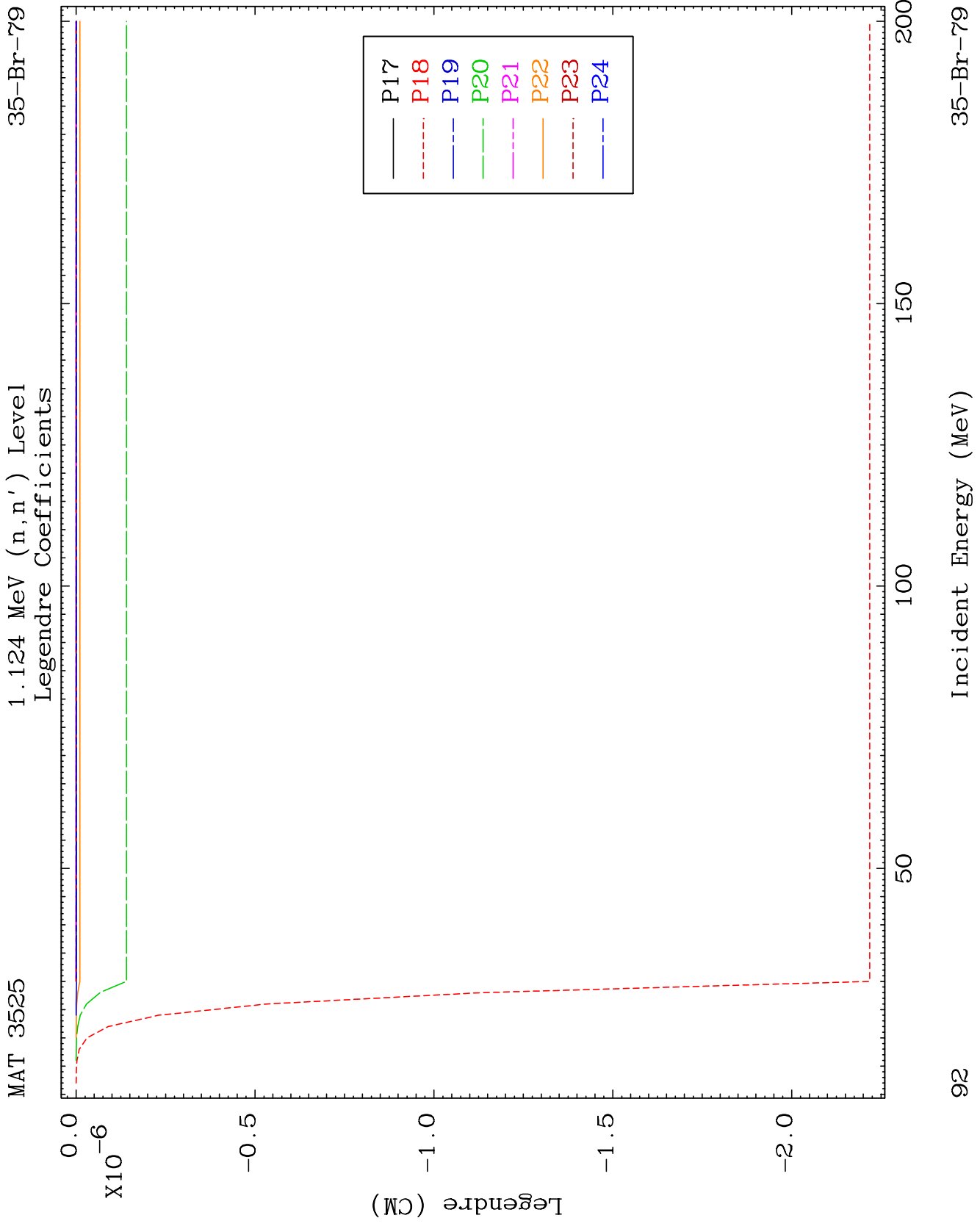


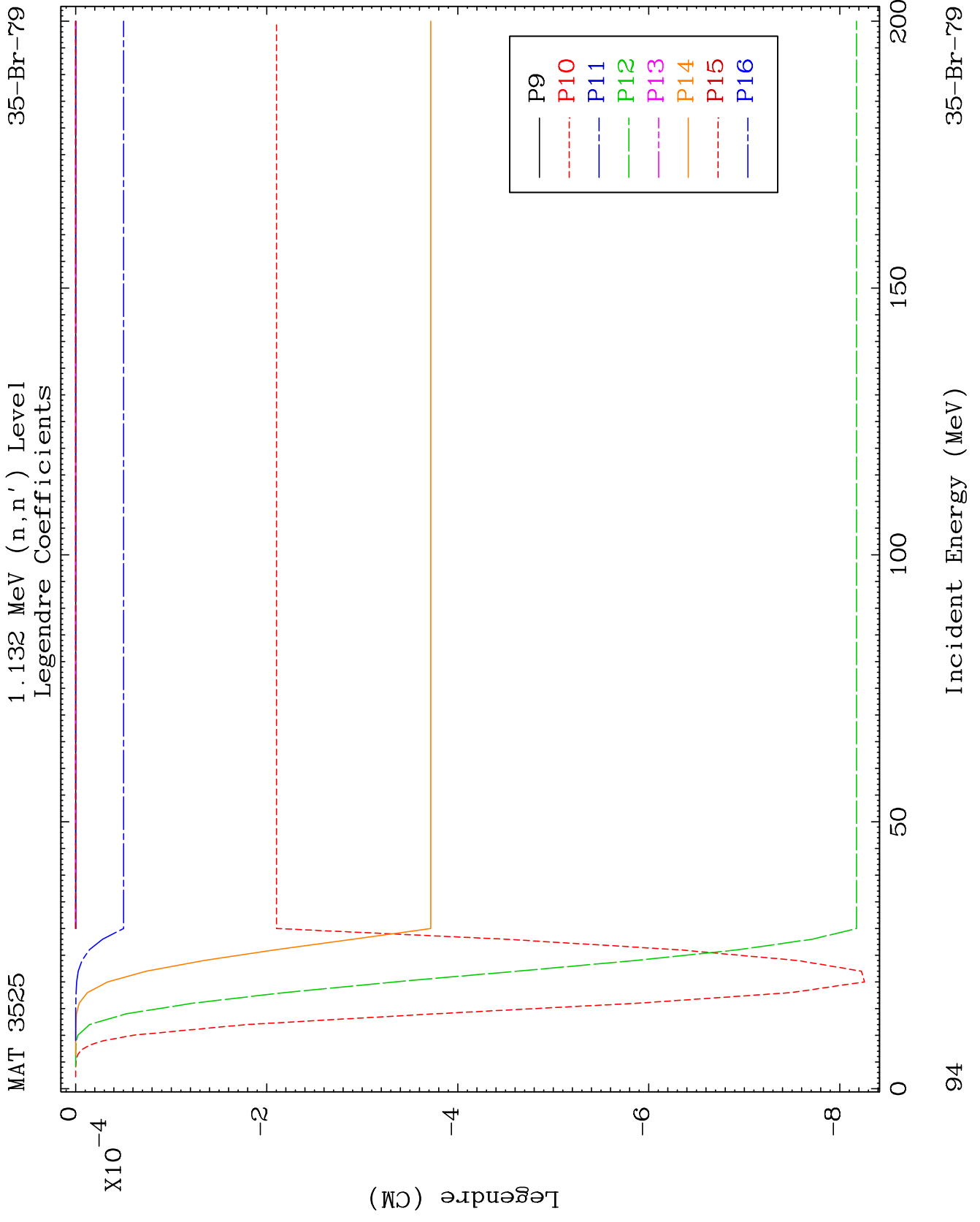


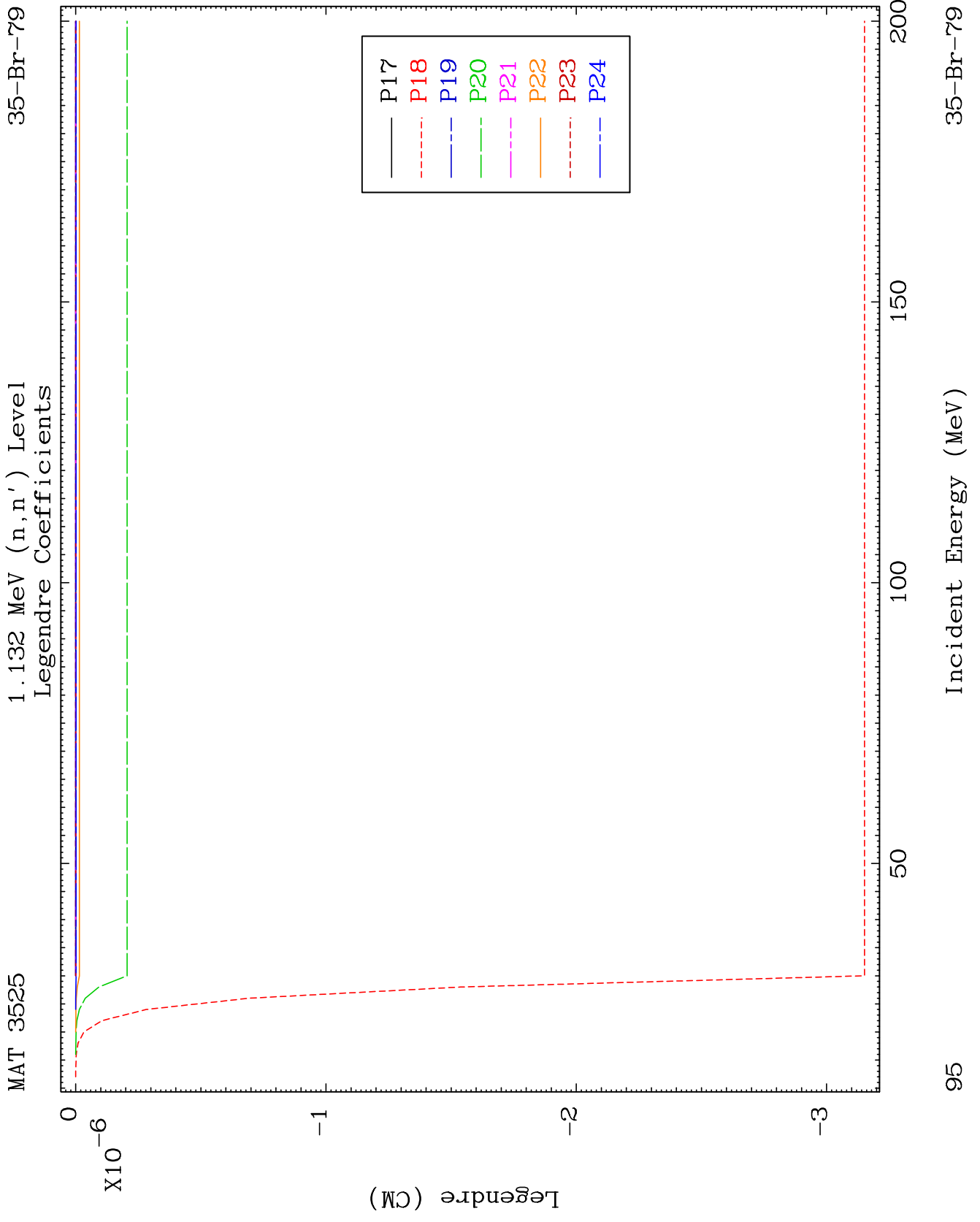


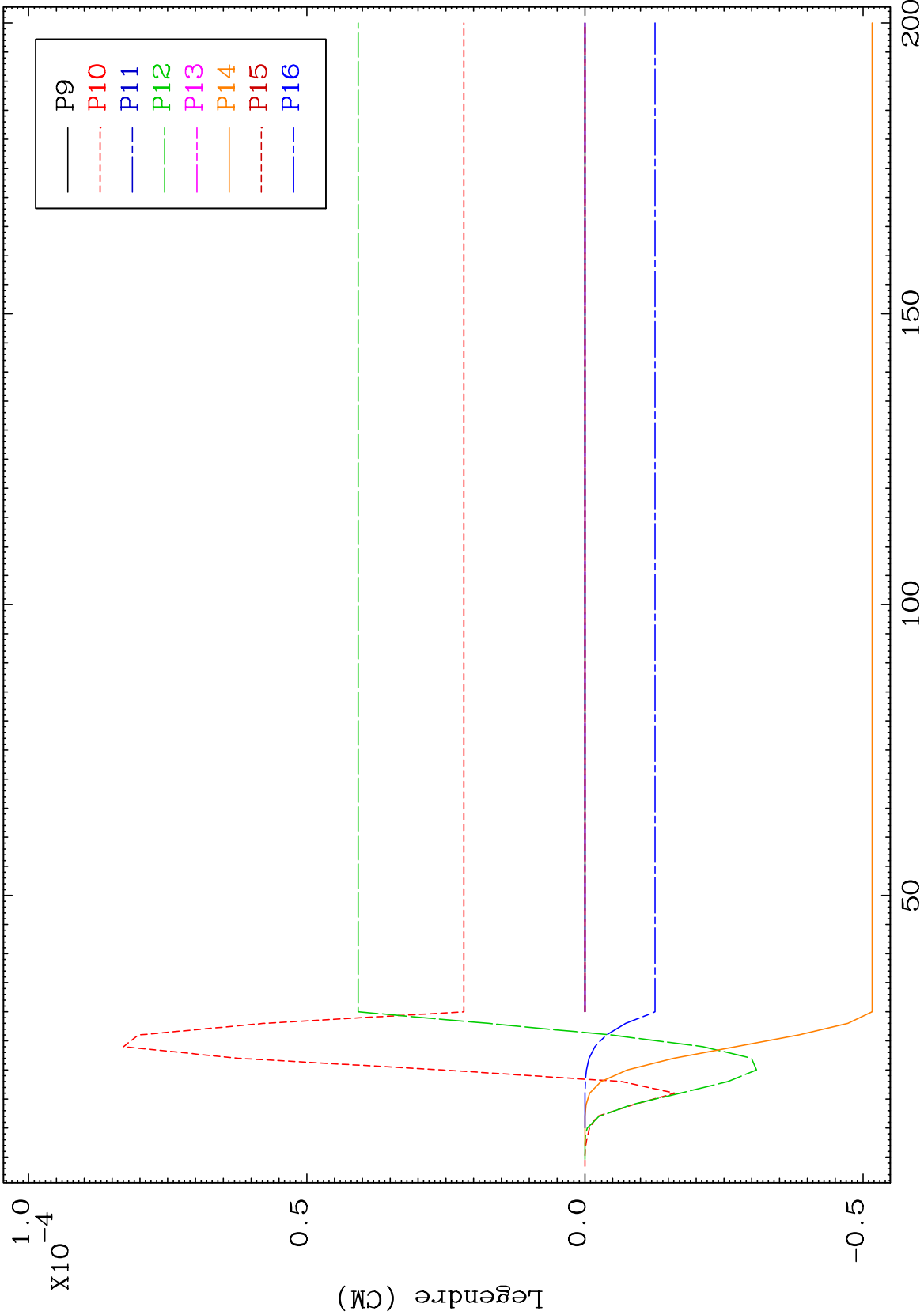


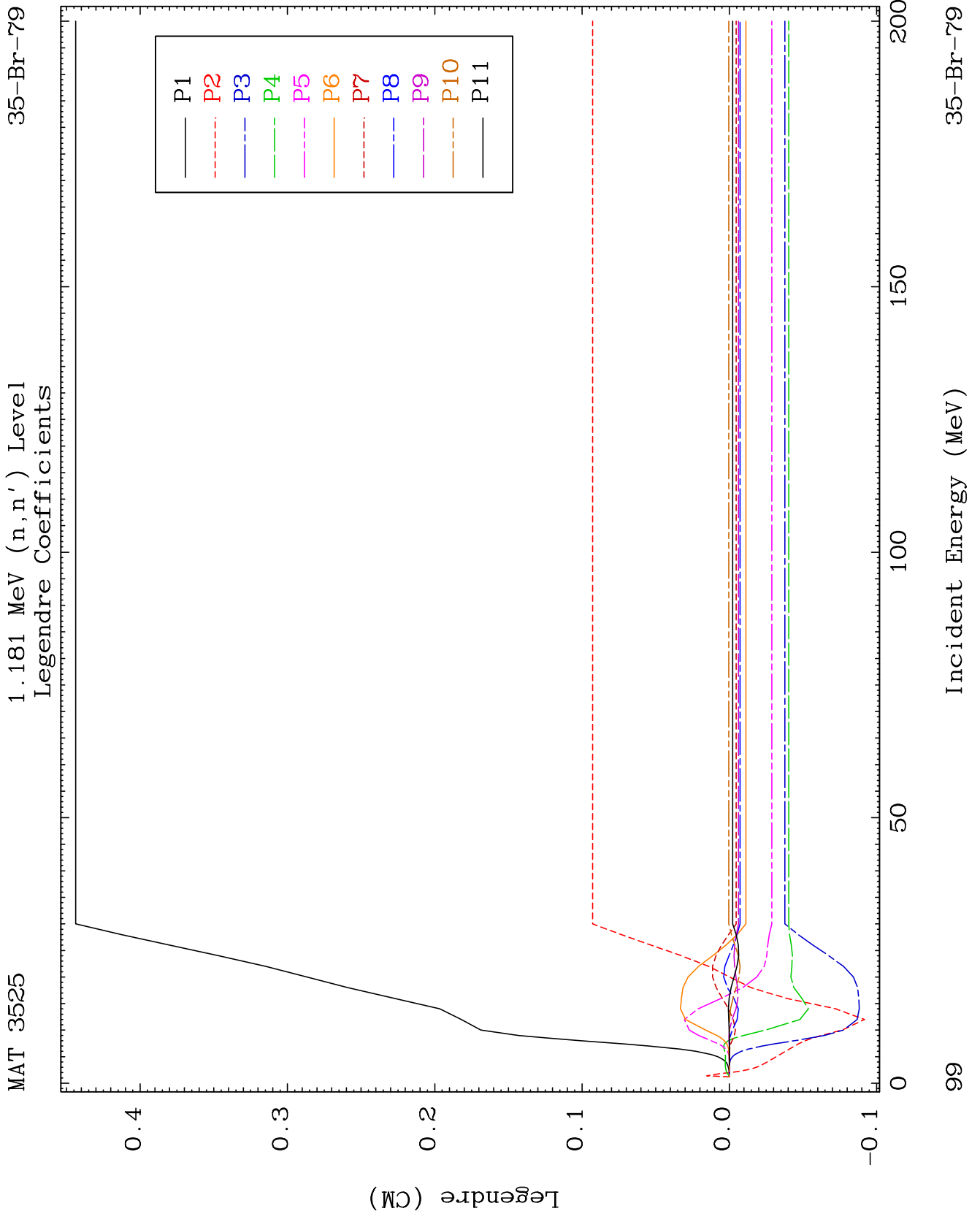








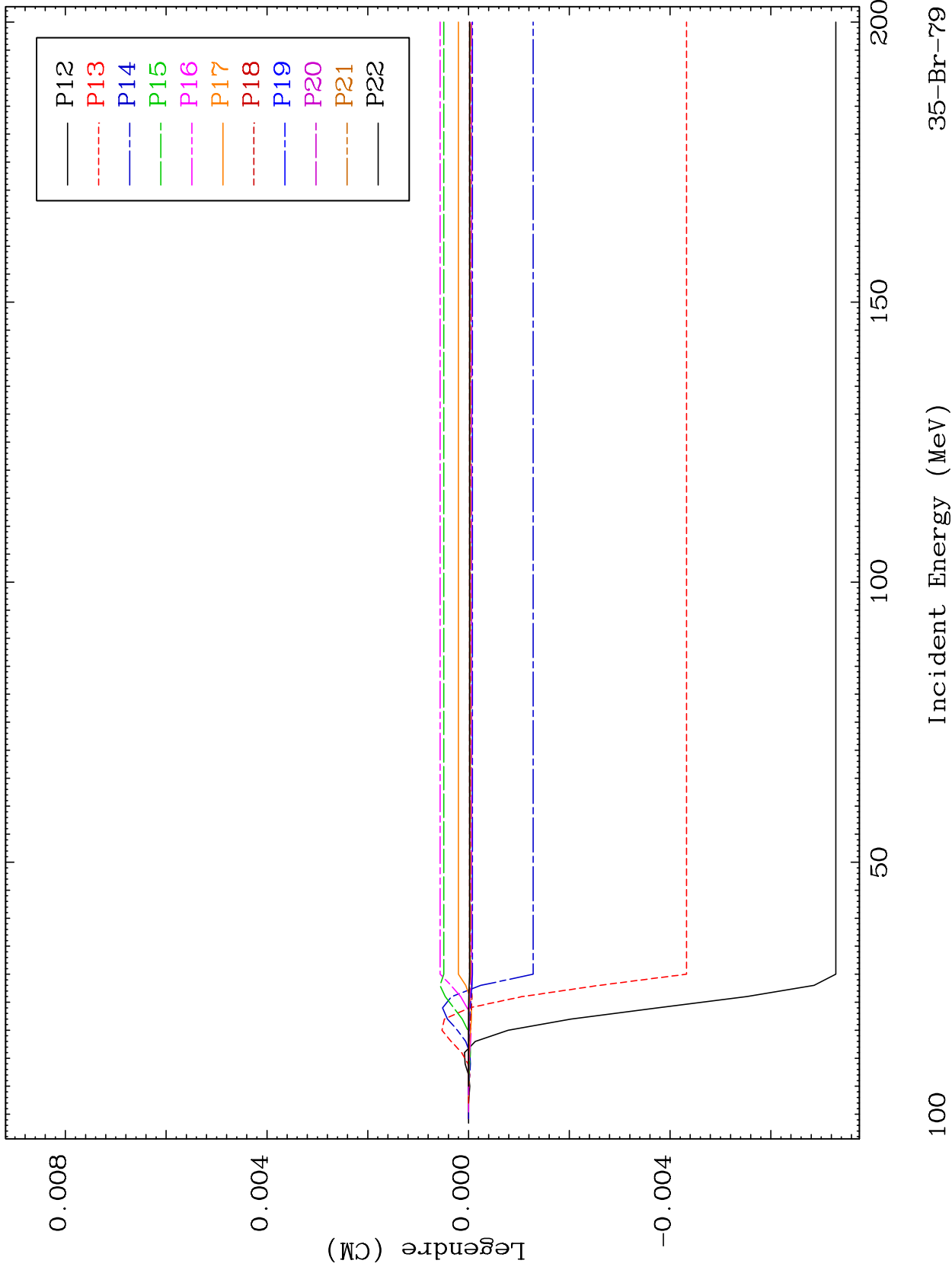




MAT 3525

1.181 MeV (n,n') Level
Legendre Coefficients

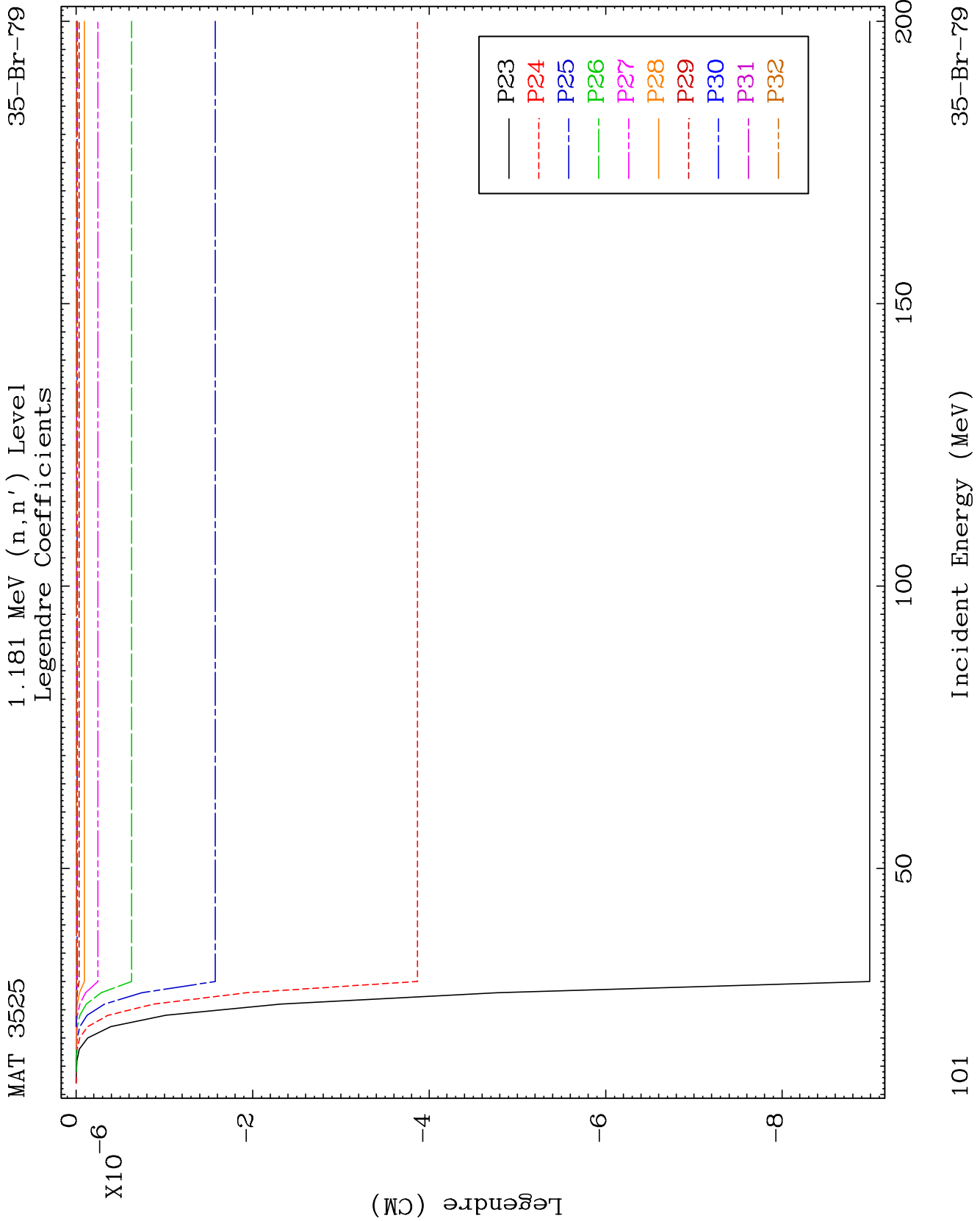
35-Br-79

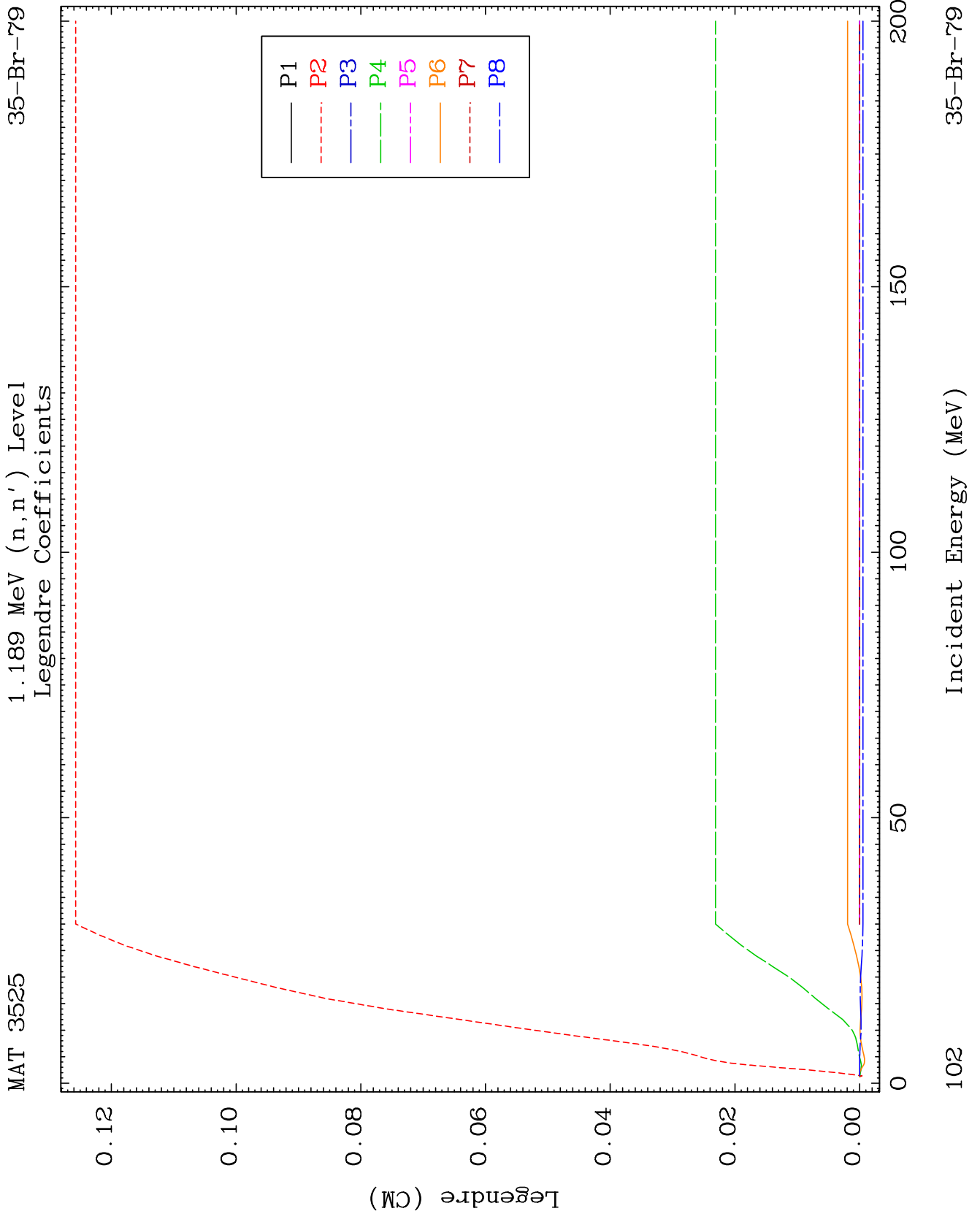


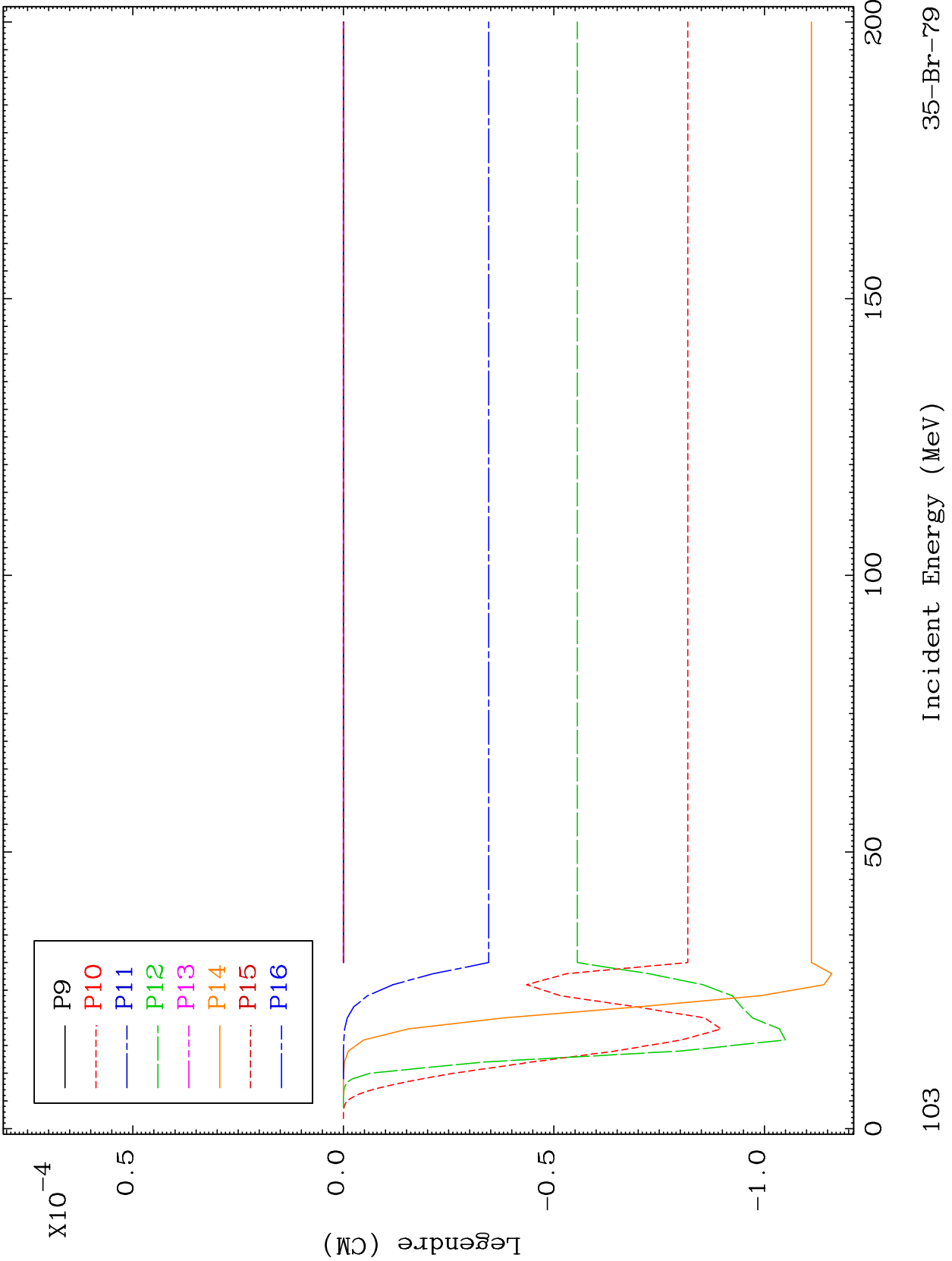
100

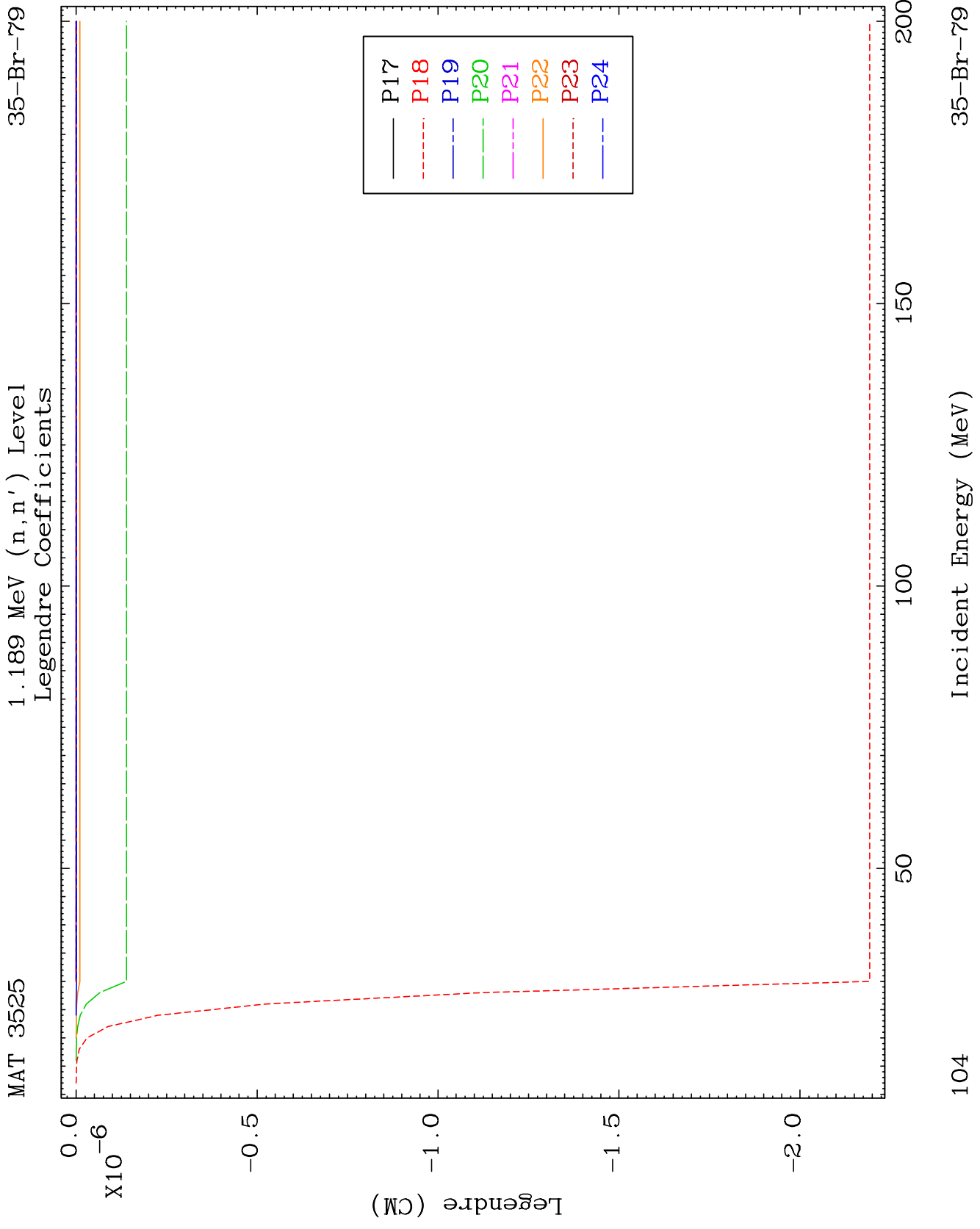
Incident Energy (MeV)

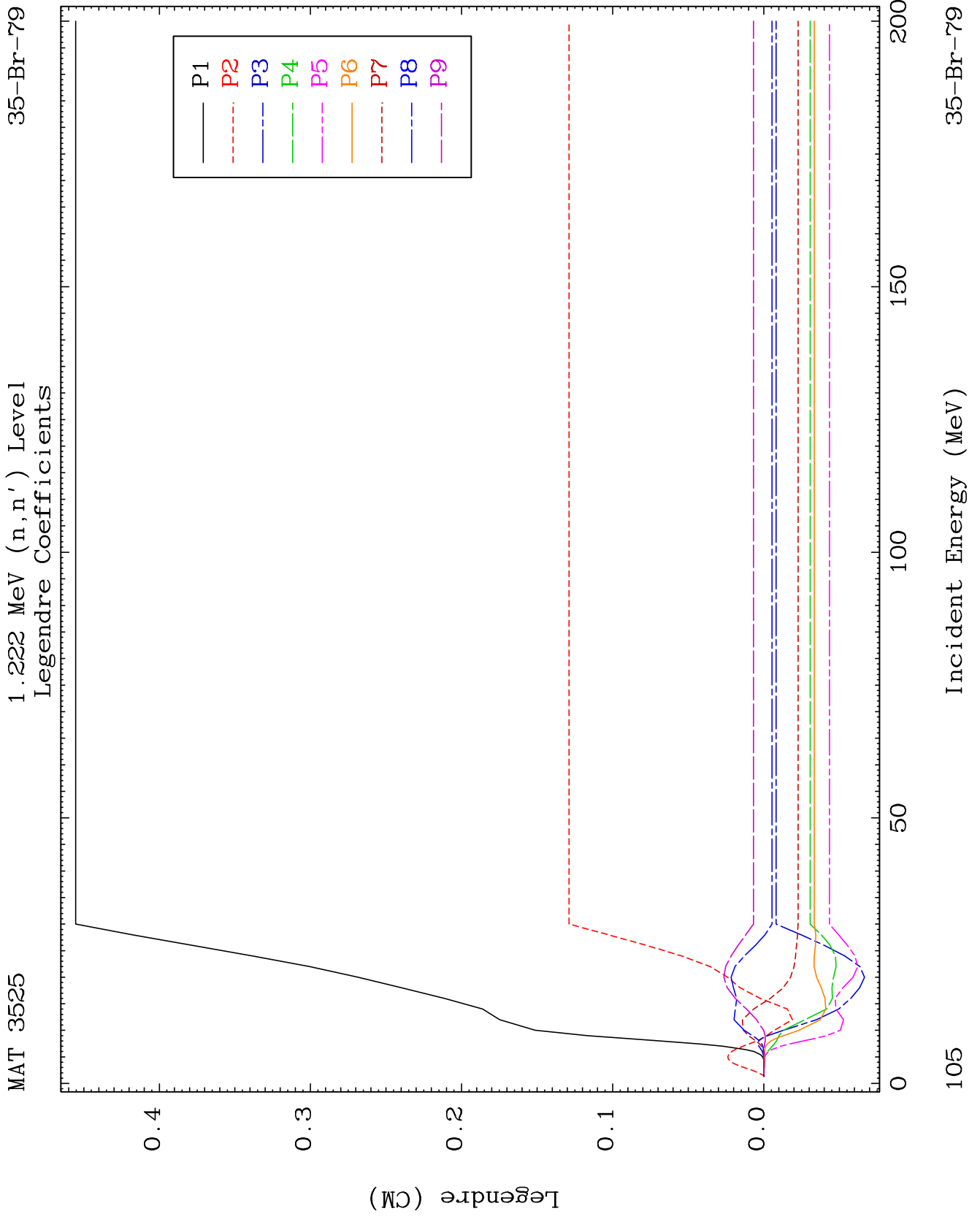
35-Br-79

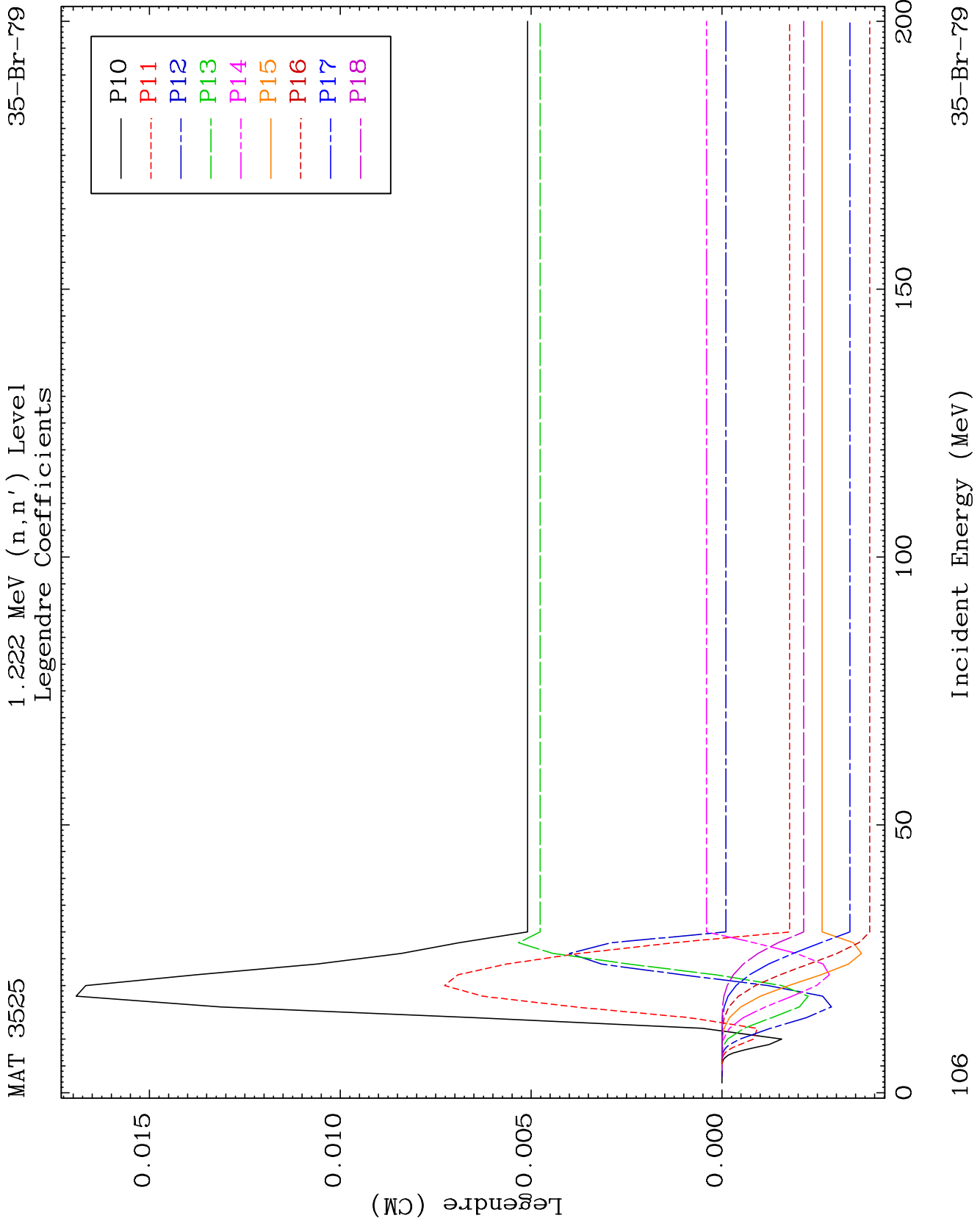


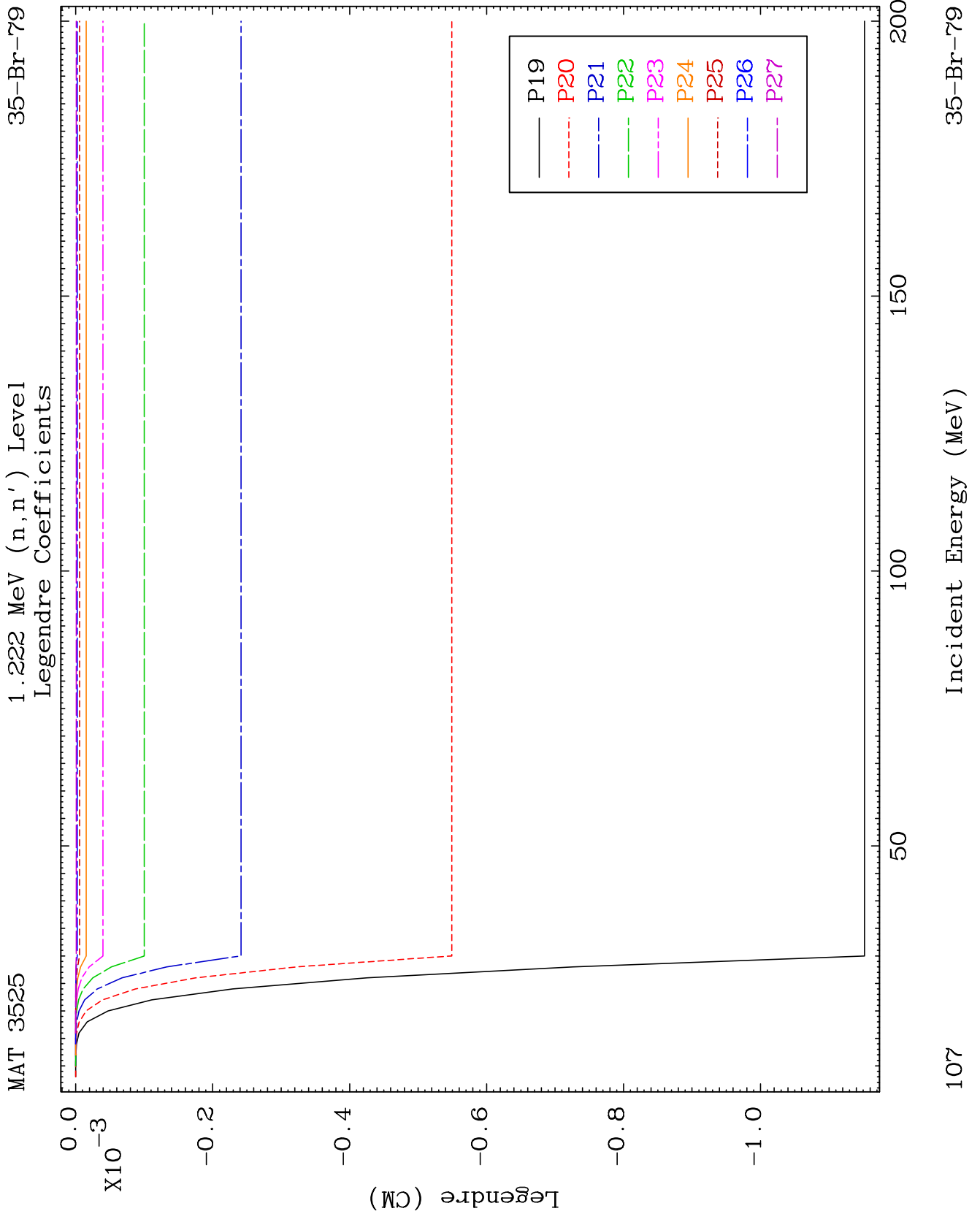


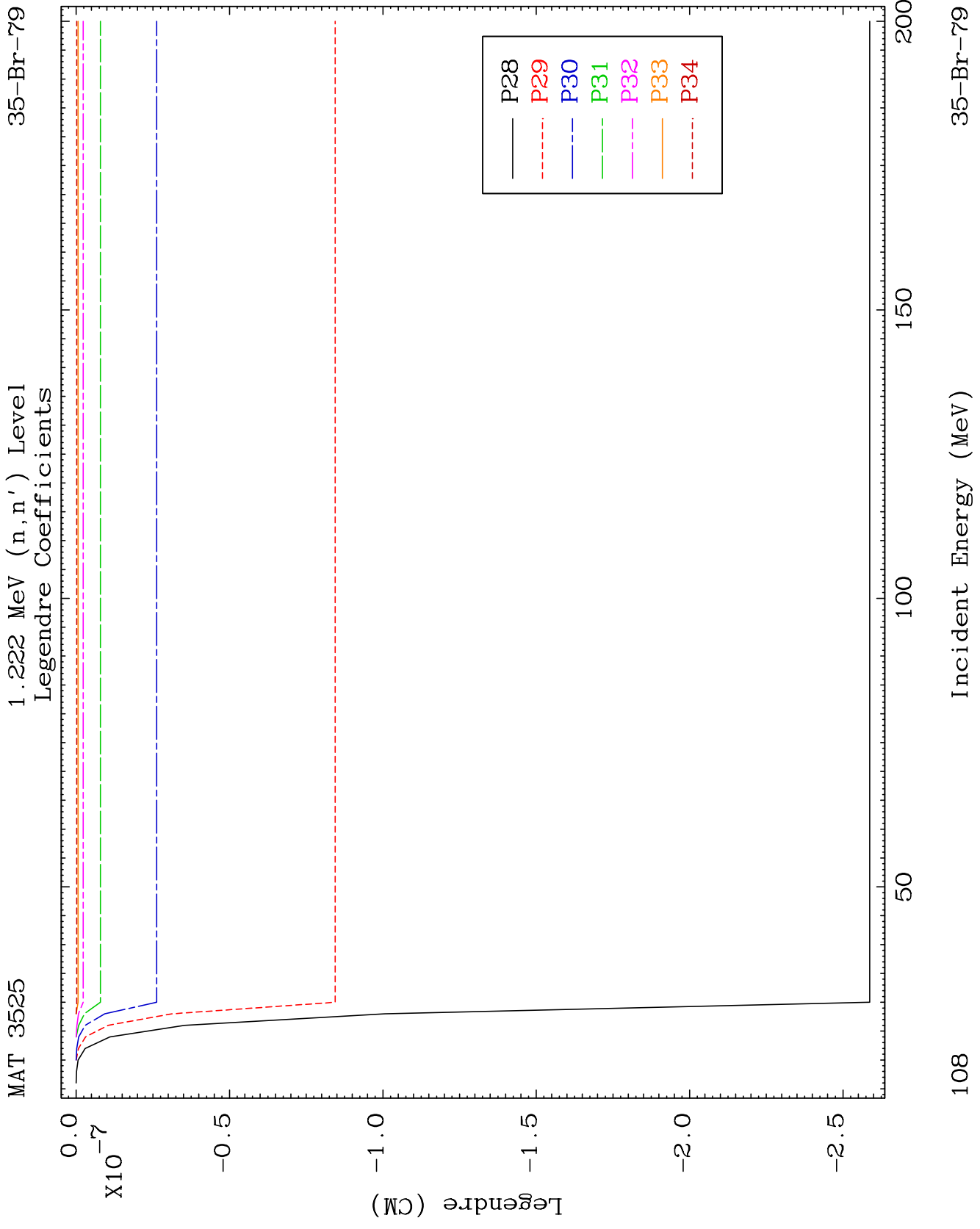


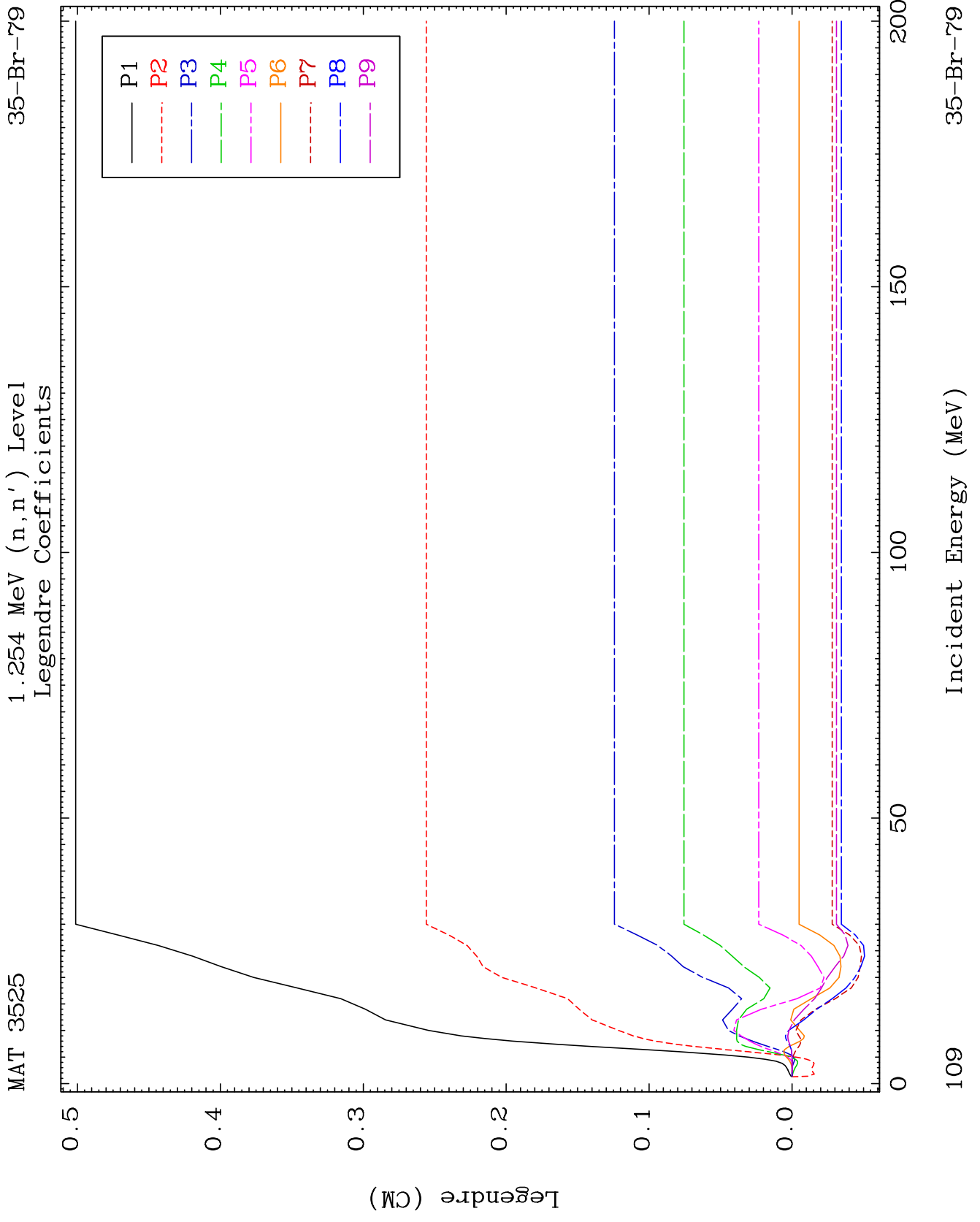


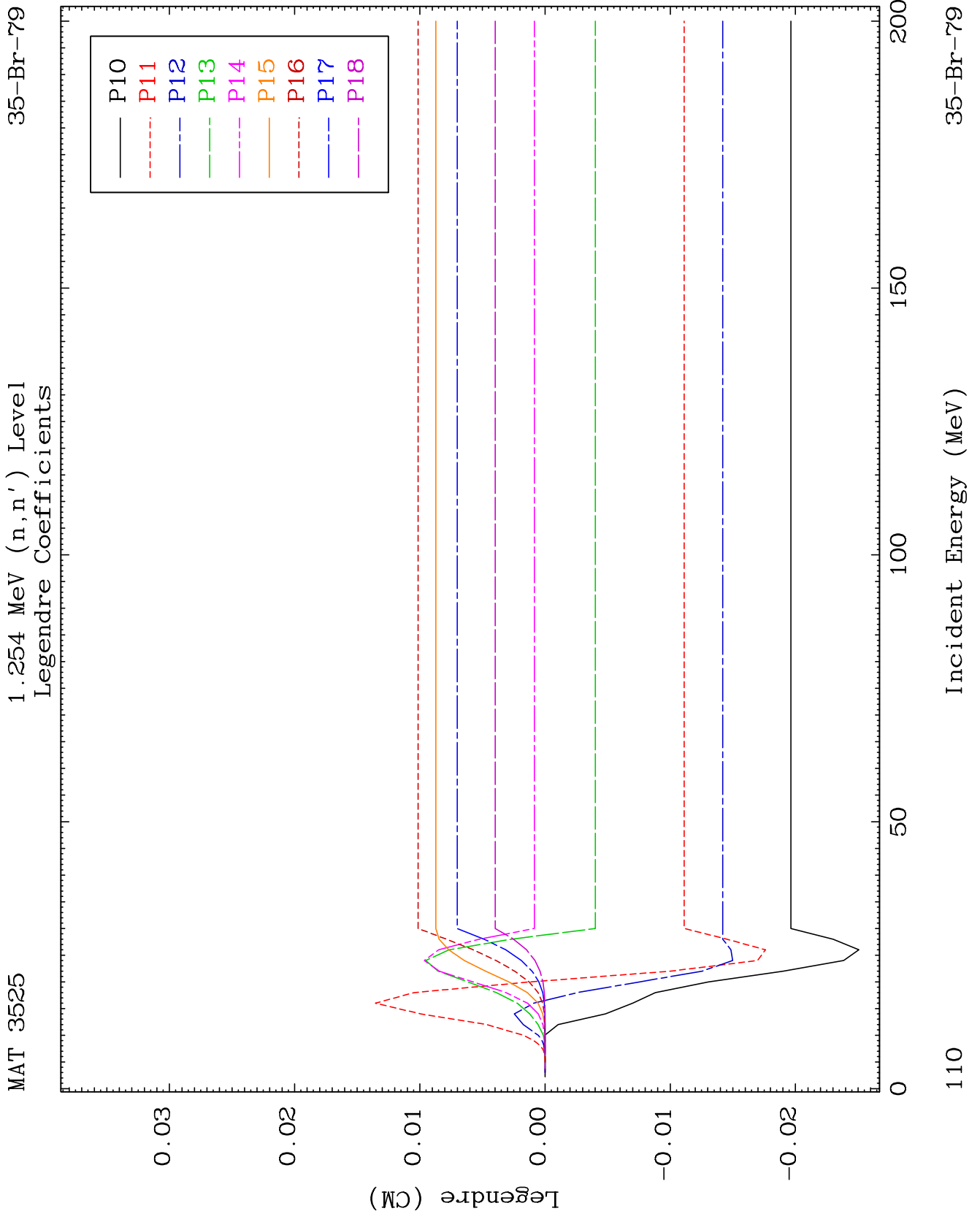


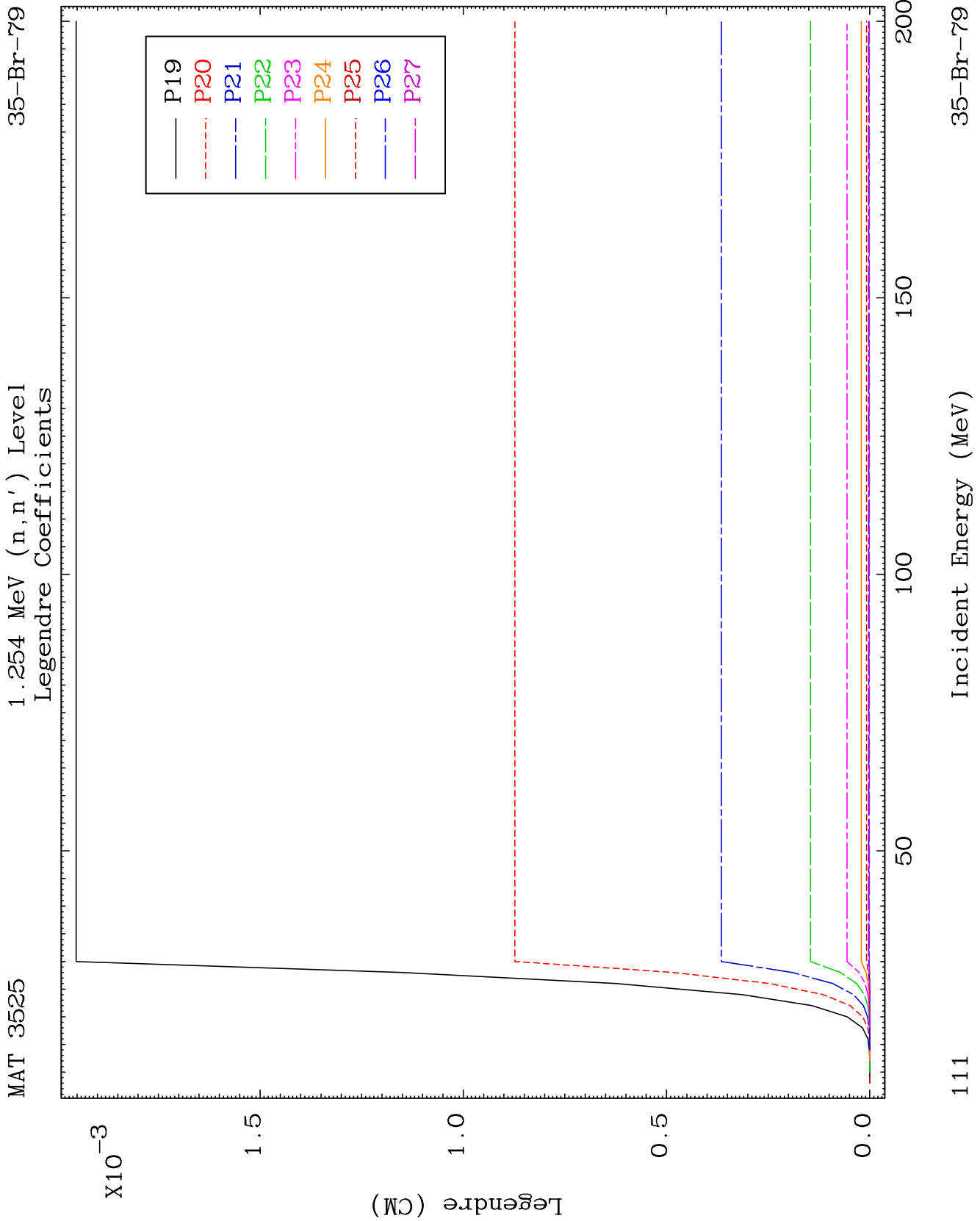








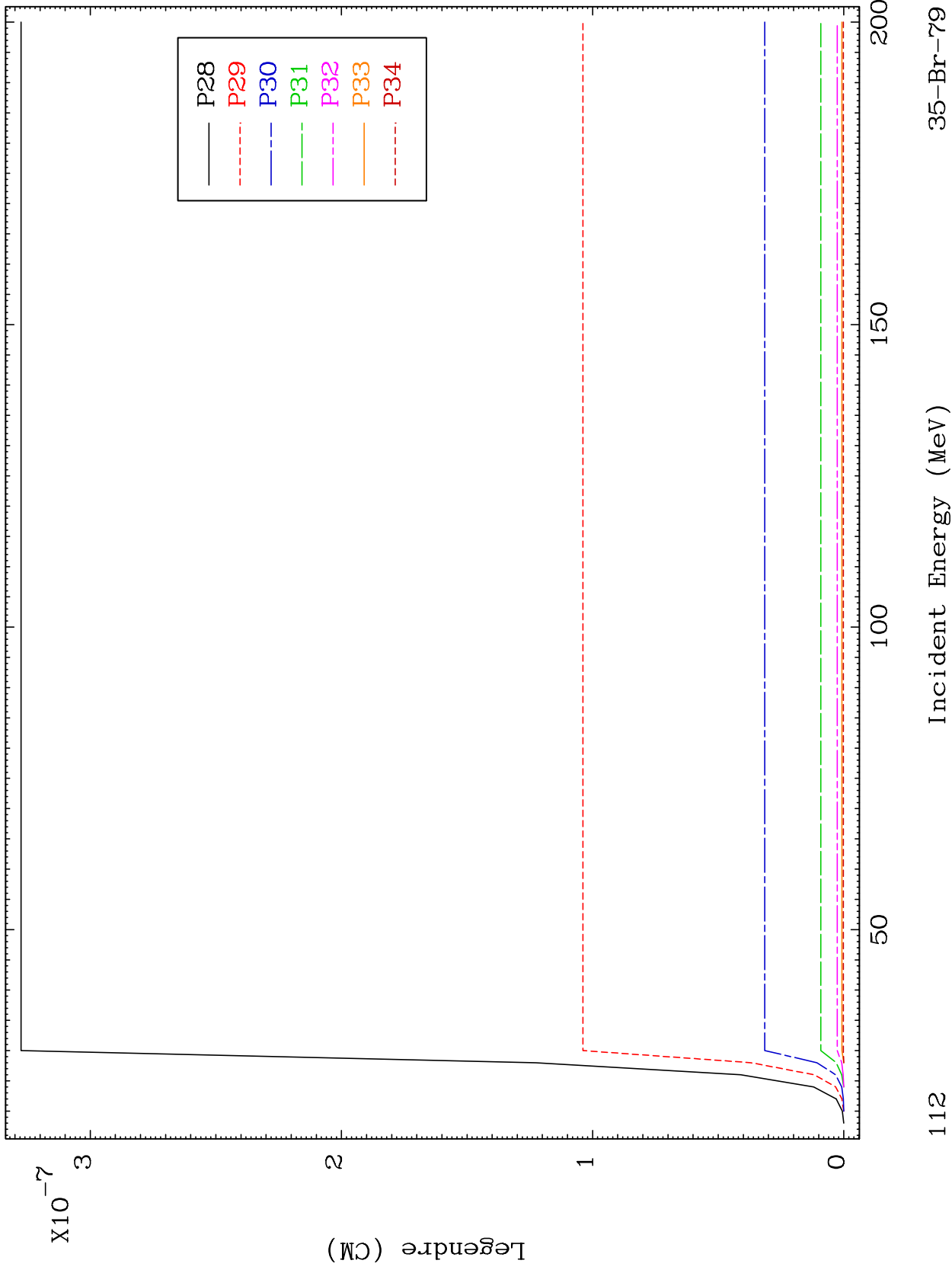




MAT 3525

1.254 MeV (n,n') Level
Legendre Coefficients

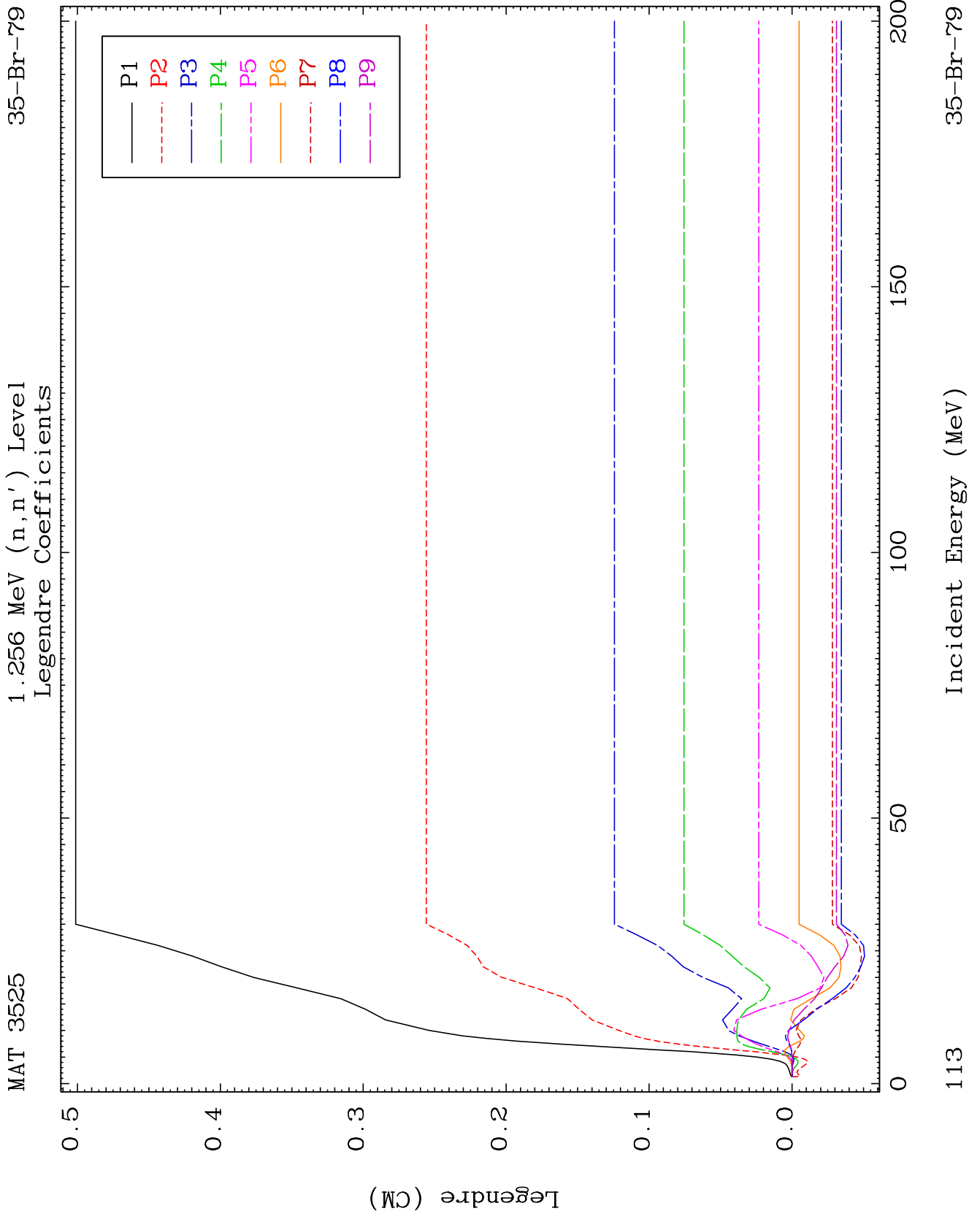
35-Br-79

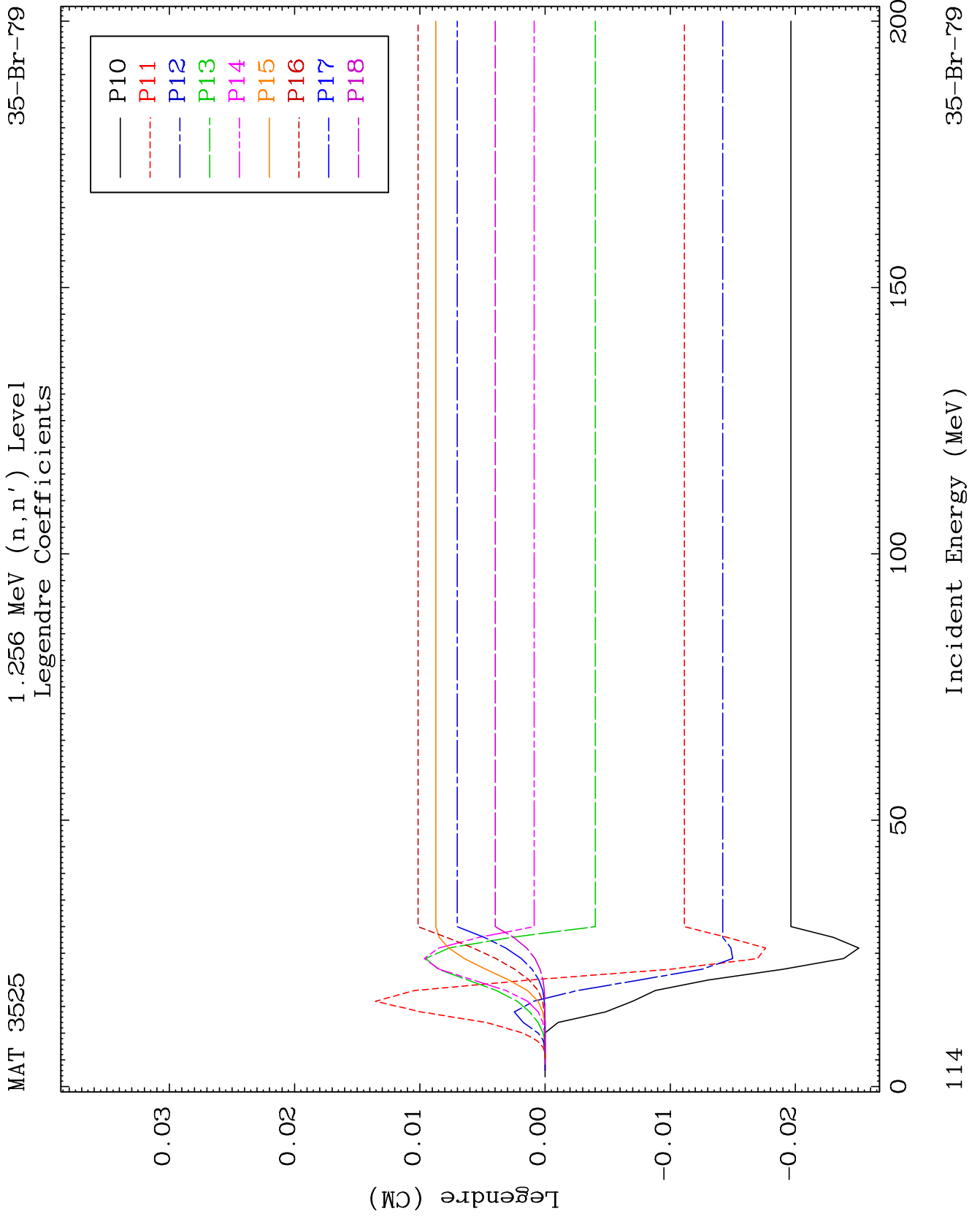


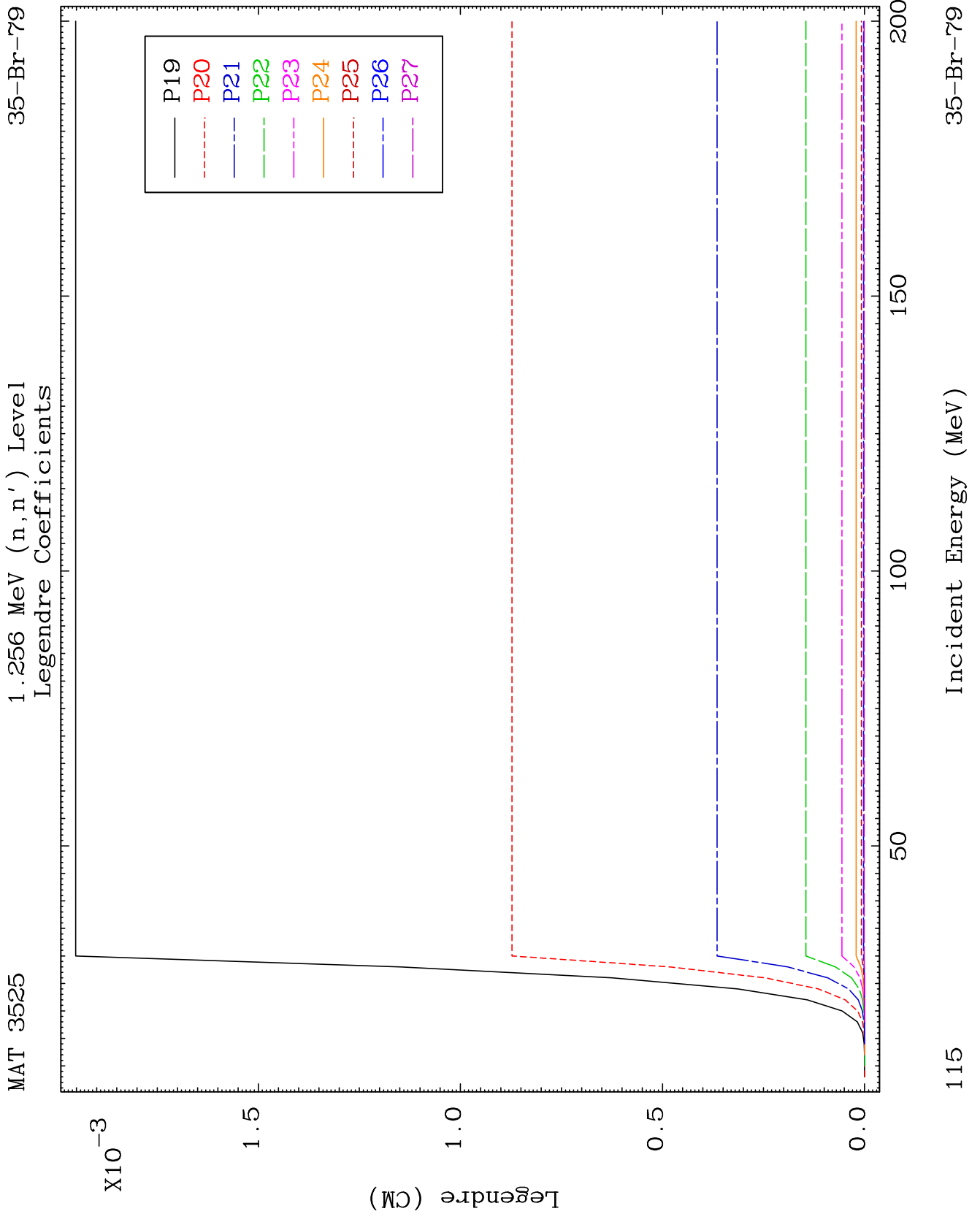
112

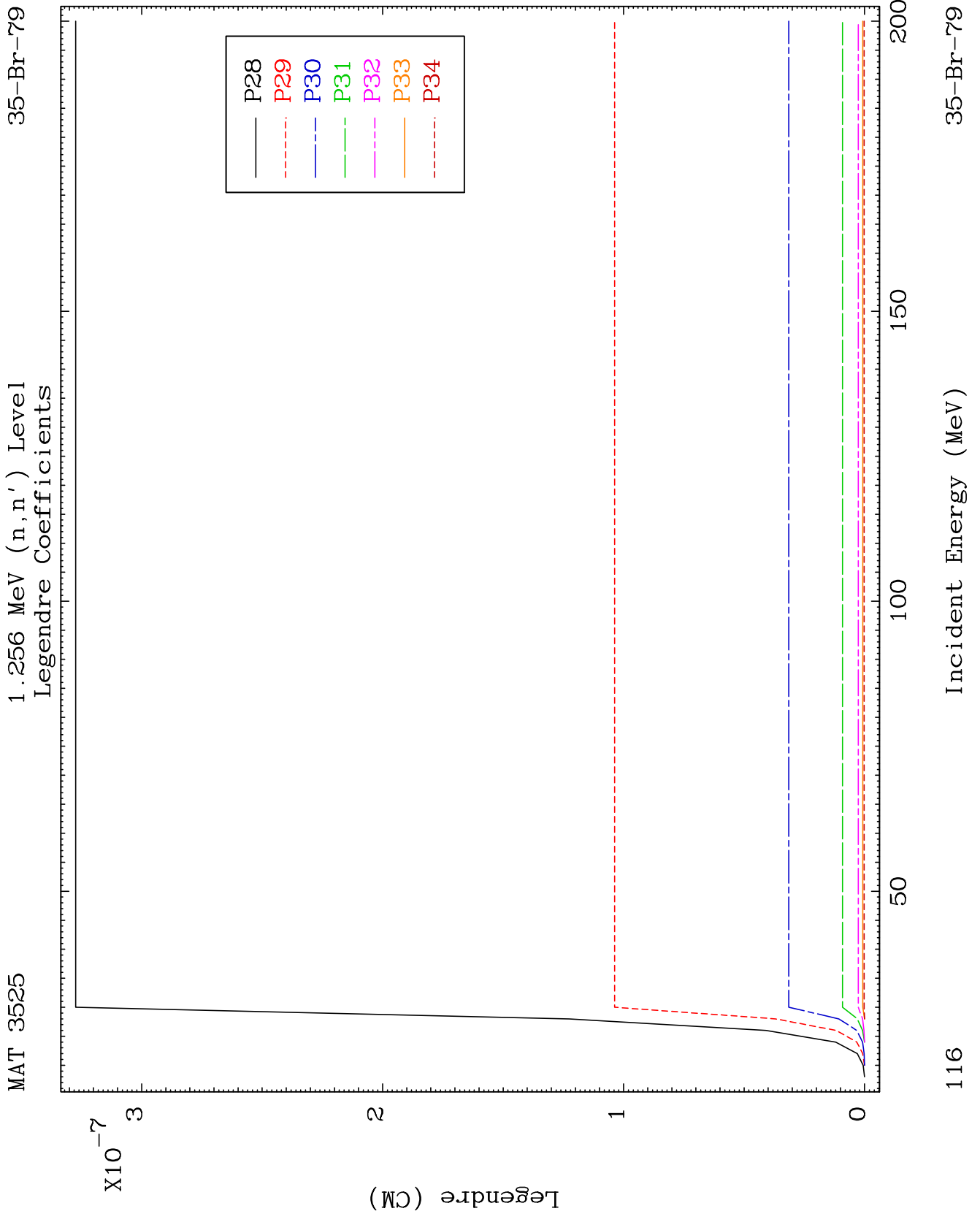
Incident Energy (MeV)

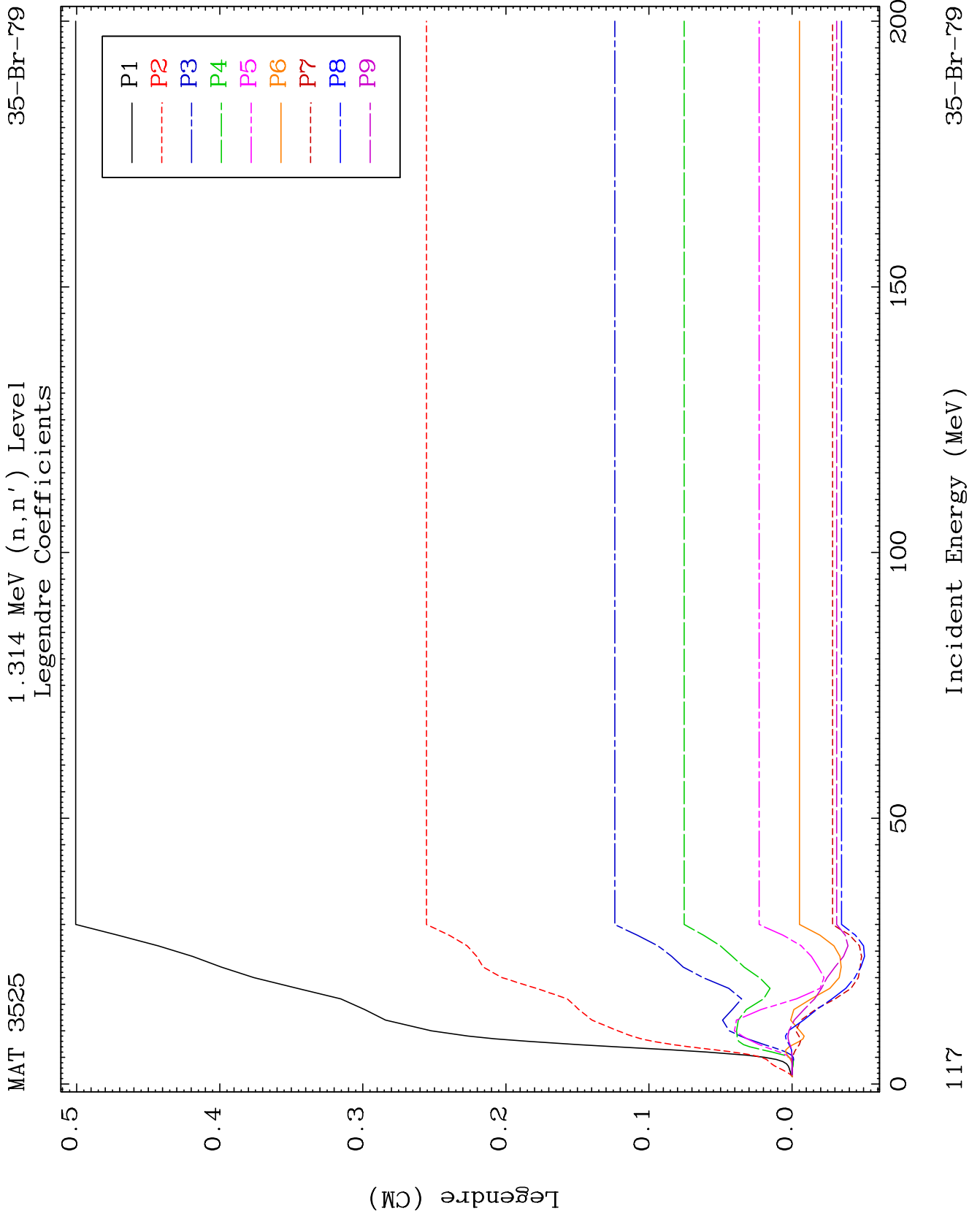
35-Br-79

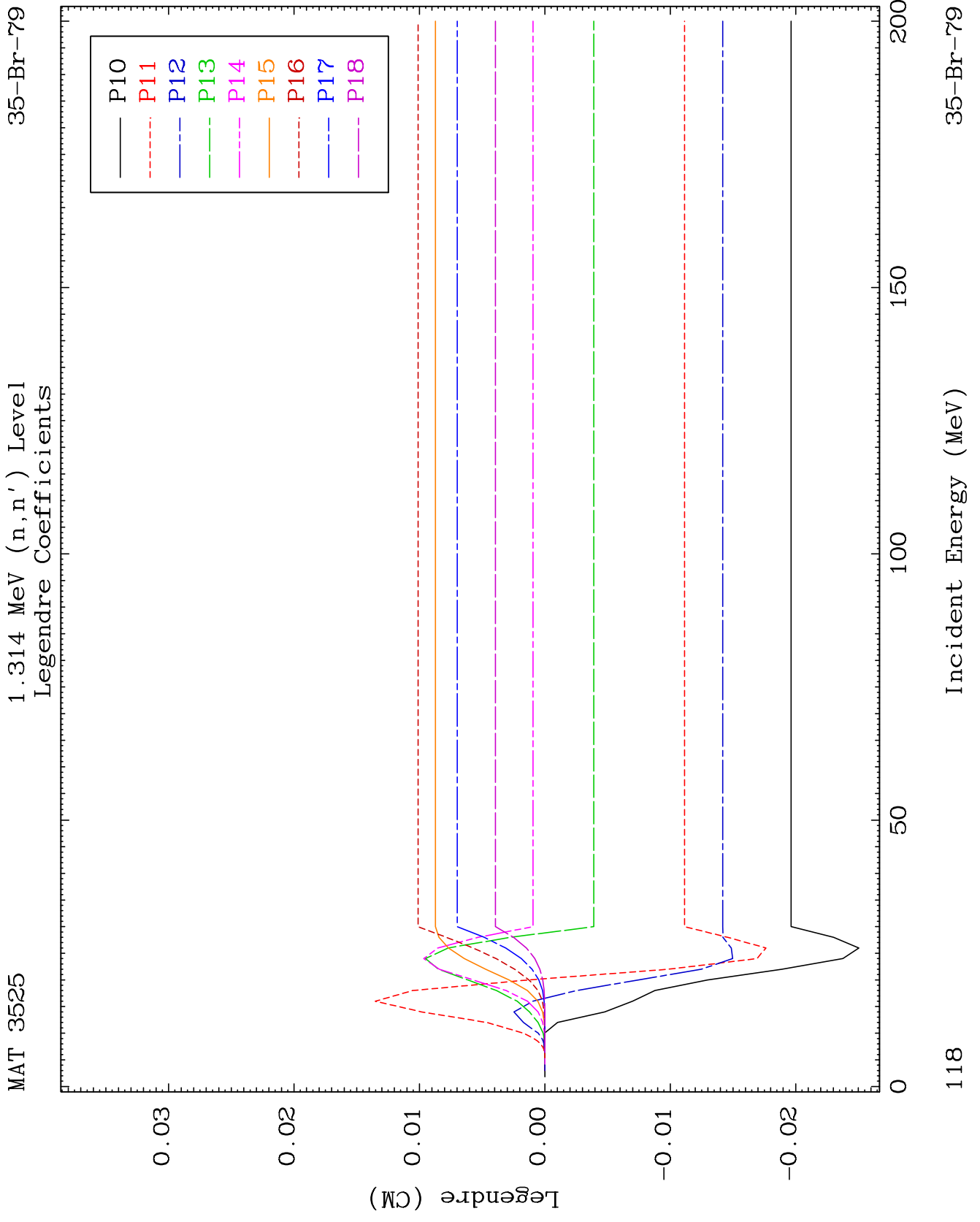








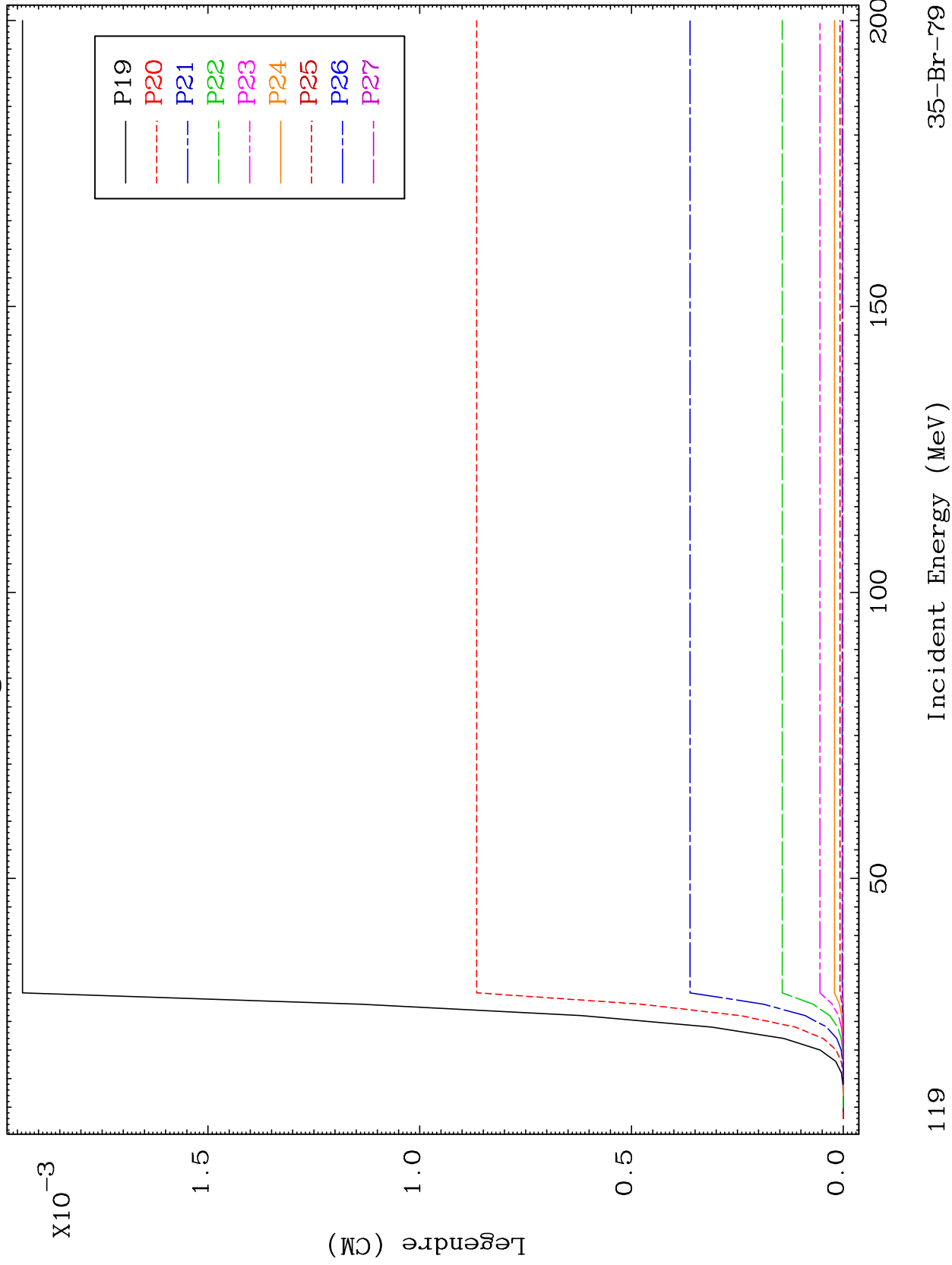




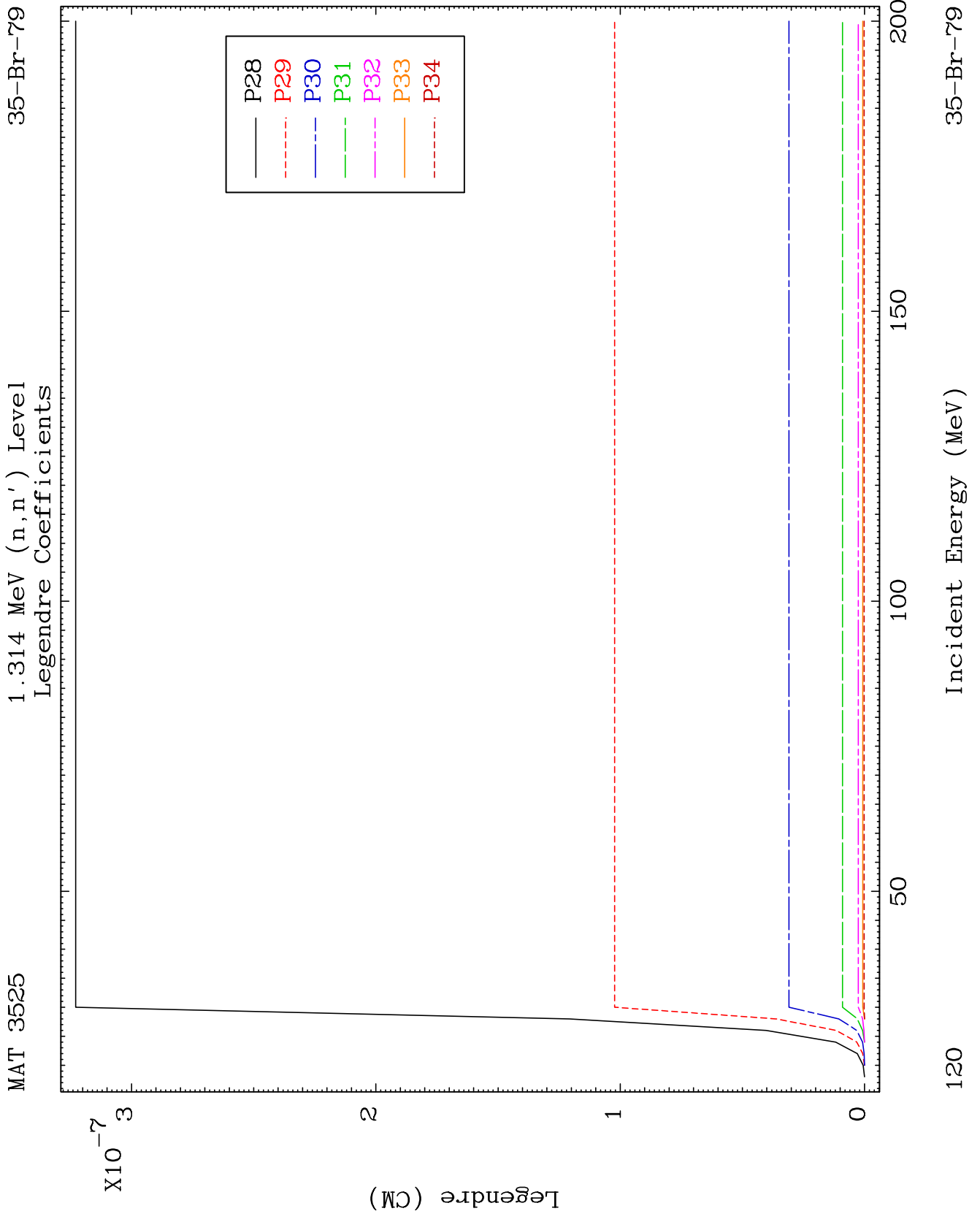
MAT 3525

1.314 MeV (n,n') Level
Legendre Coefficients

35-Br-79



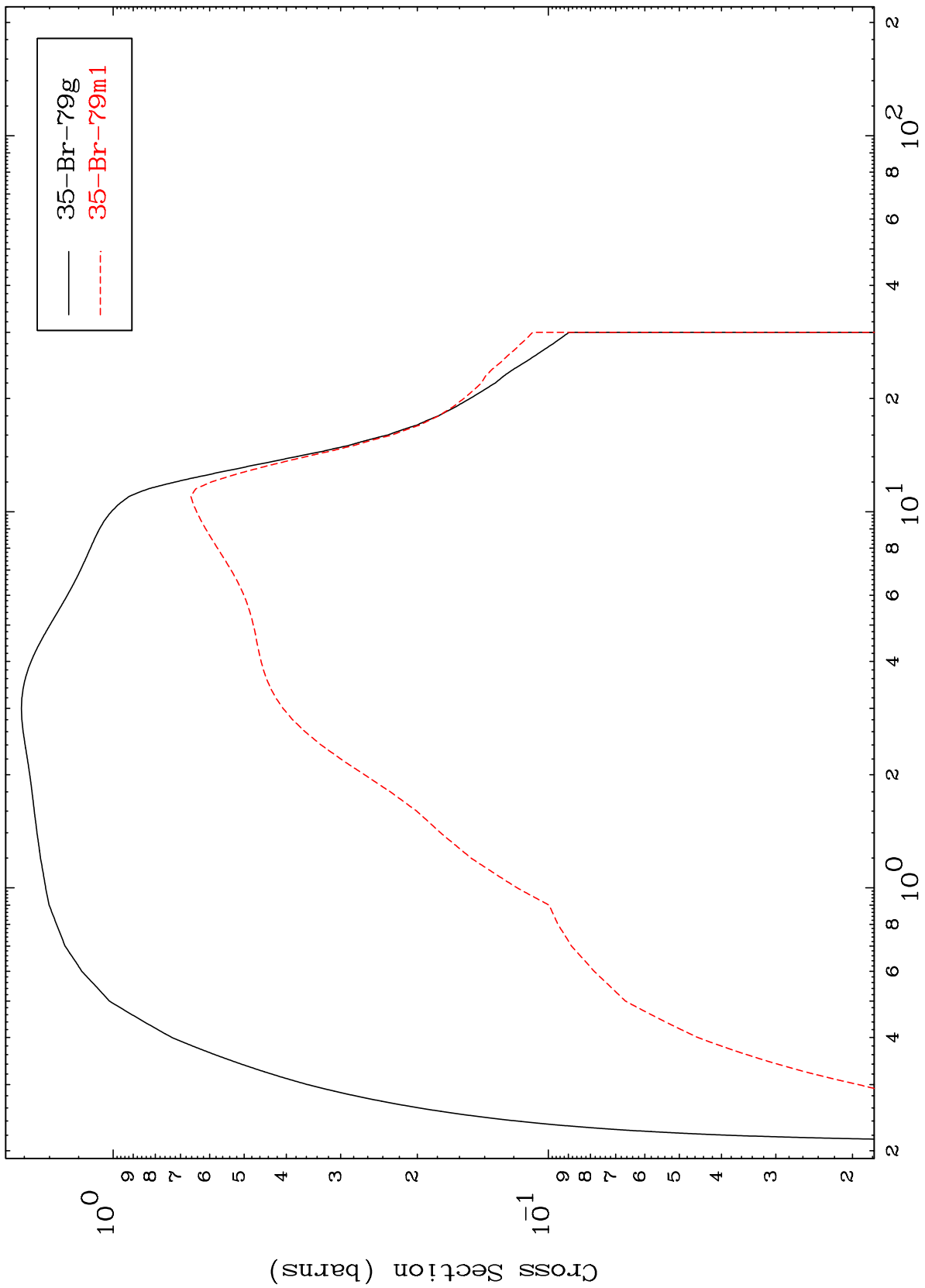
119



MAT 3525

35-Br-79

Inelastic Radionuclide Production Cross Section



— 35-Br-79g
- - - 35-Br-79m1

121

35-Br-79

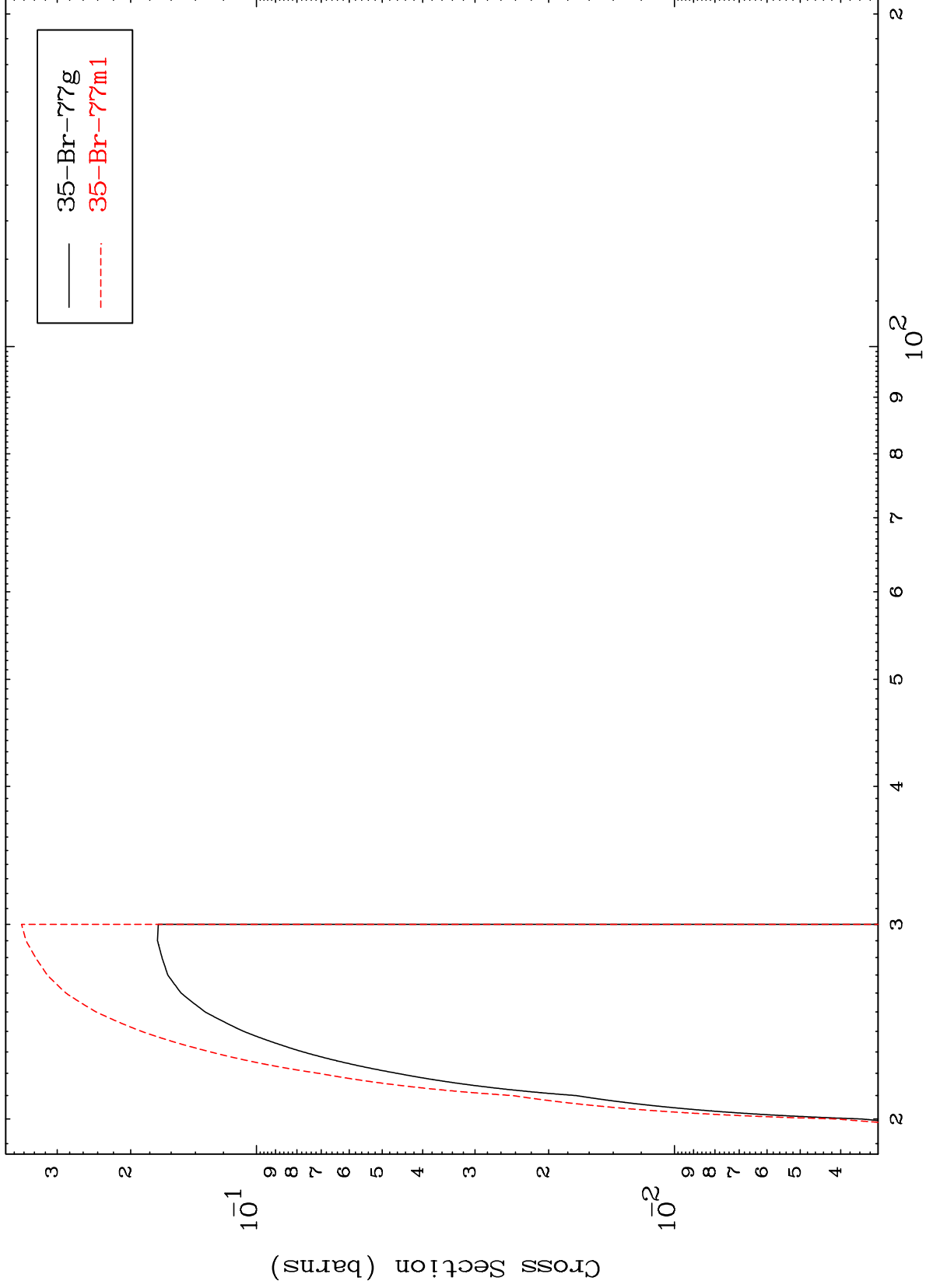
Incident Energy (MeV)

MAT 3525

(n,3n)

³⁵Br-79

Radionuclide Production Cross Section

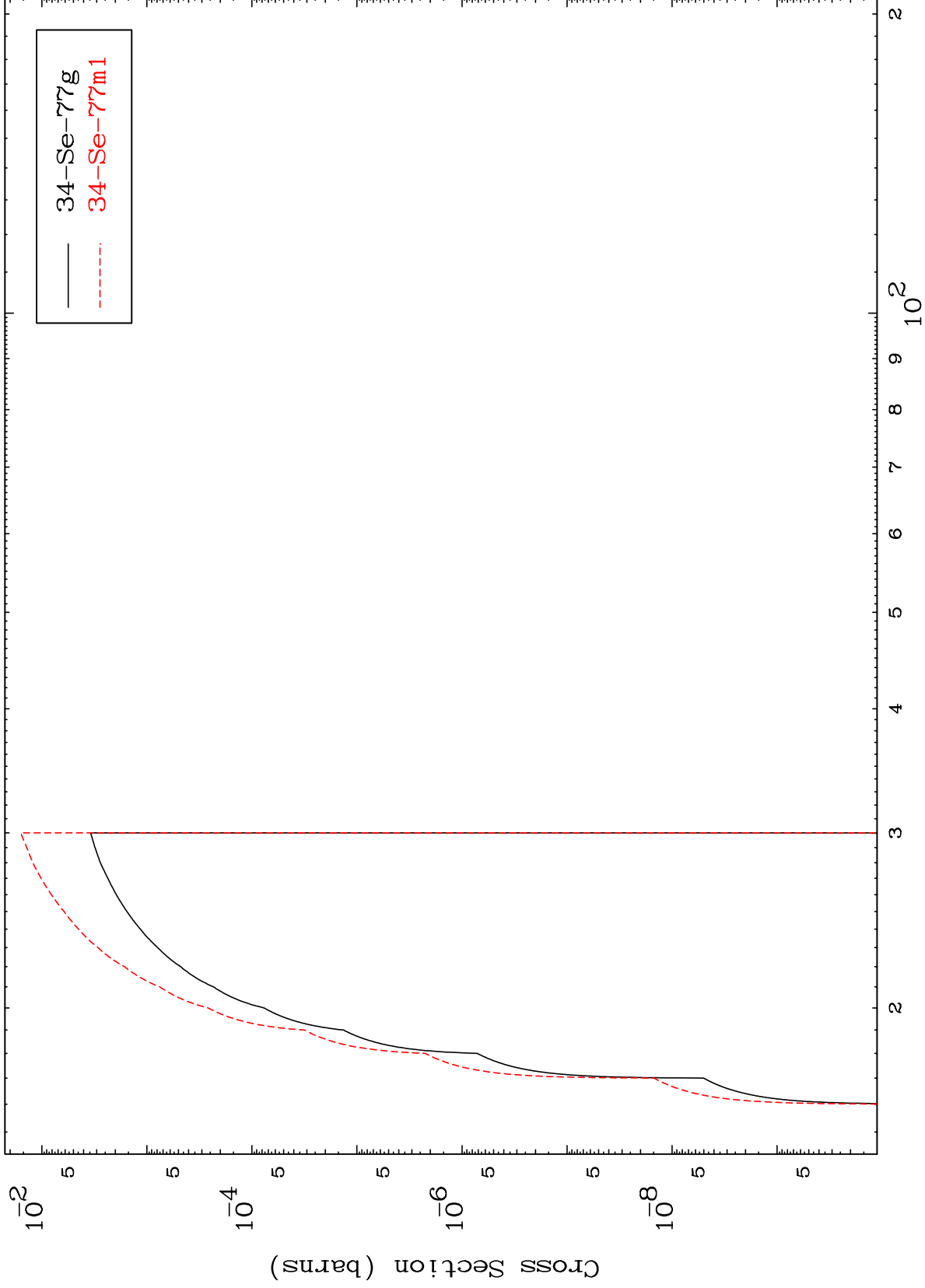


122

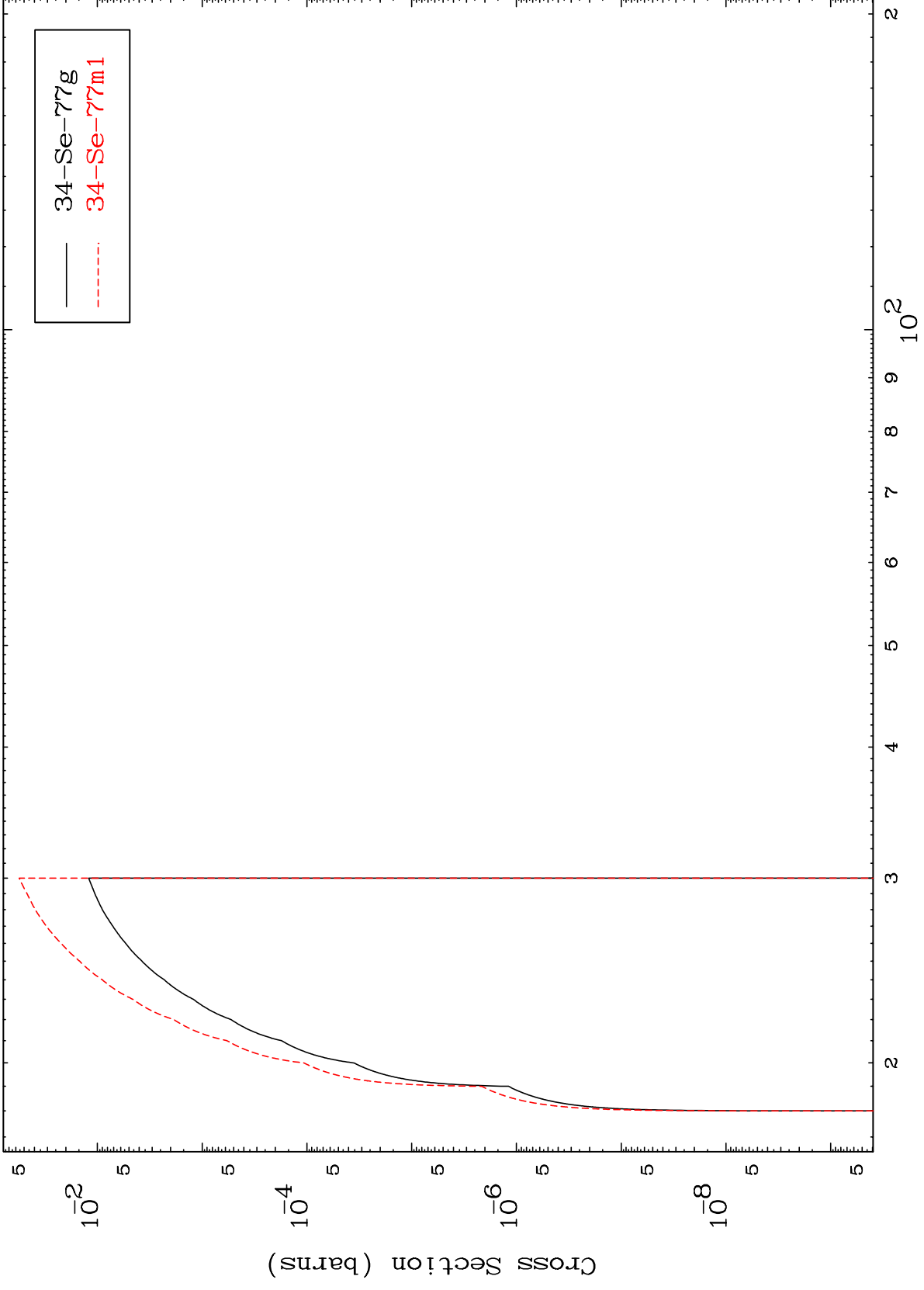
Incident Energy (MeV)

³⁵Br-79

Radionuclide Production Cross Section



Radionuclide Production Cross Section

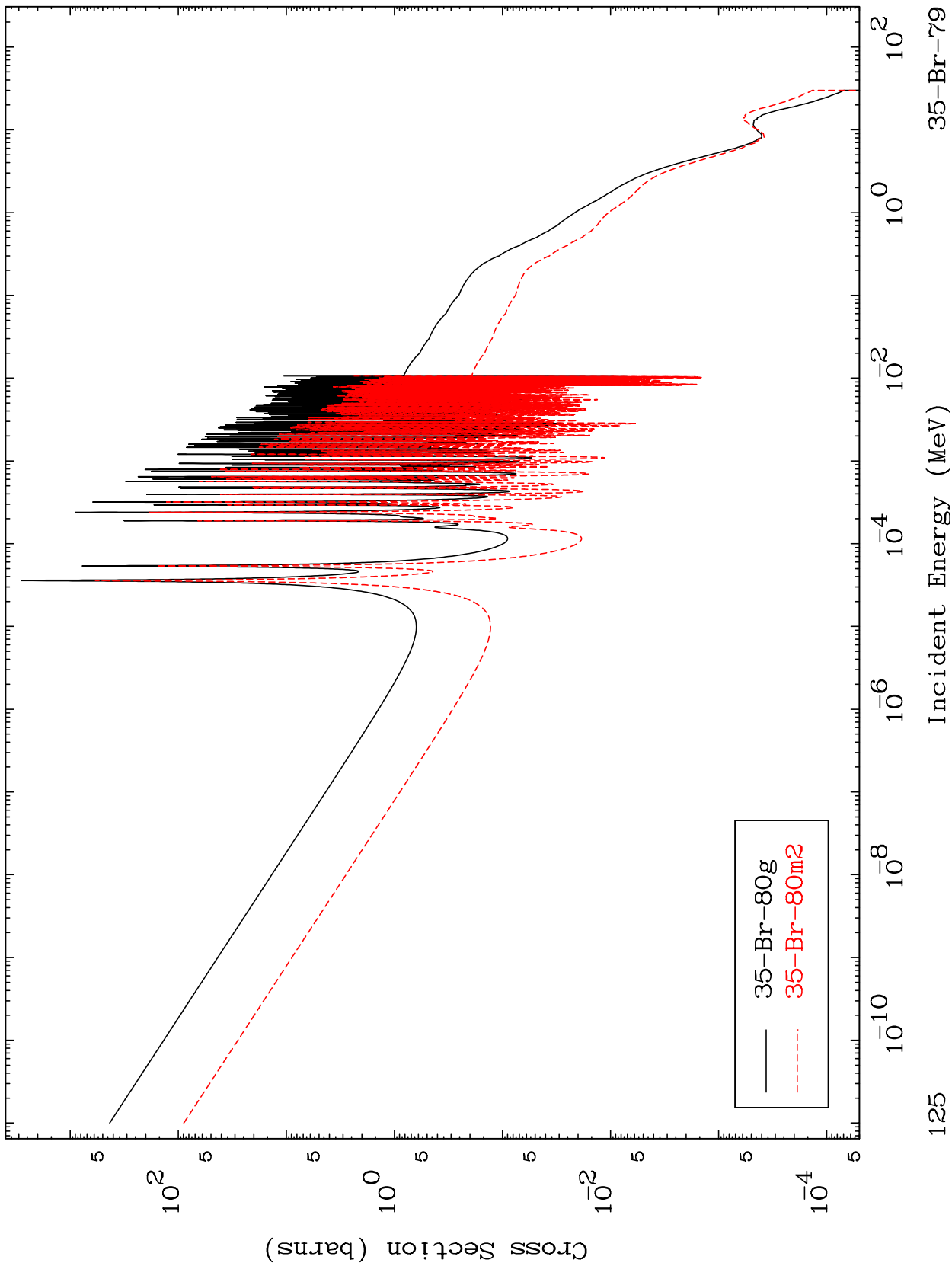


34-Se-77g
34-Se-77m1

MAT 3525

35-Br-79

(n,γ)
Radionuclide Production Cross Section

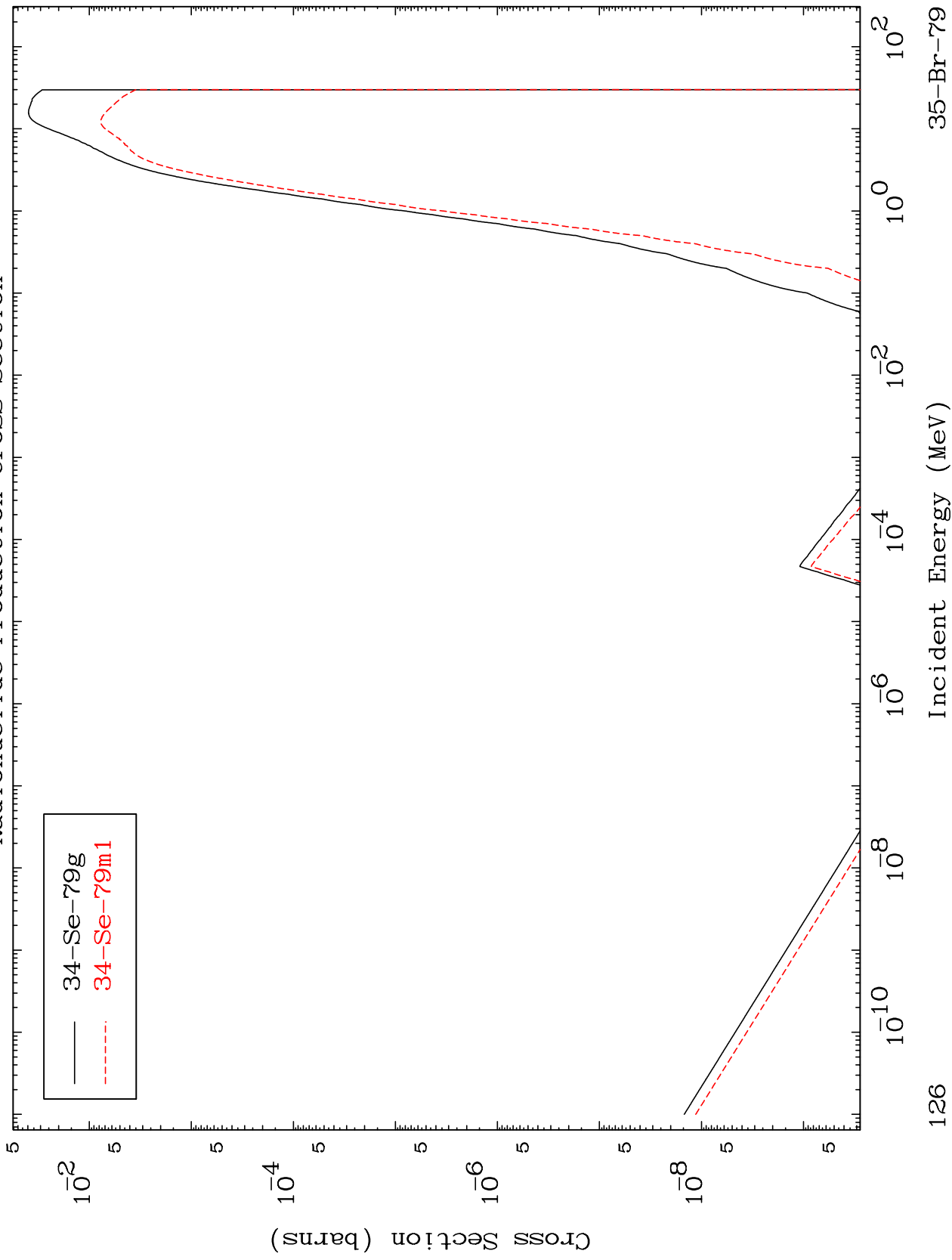


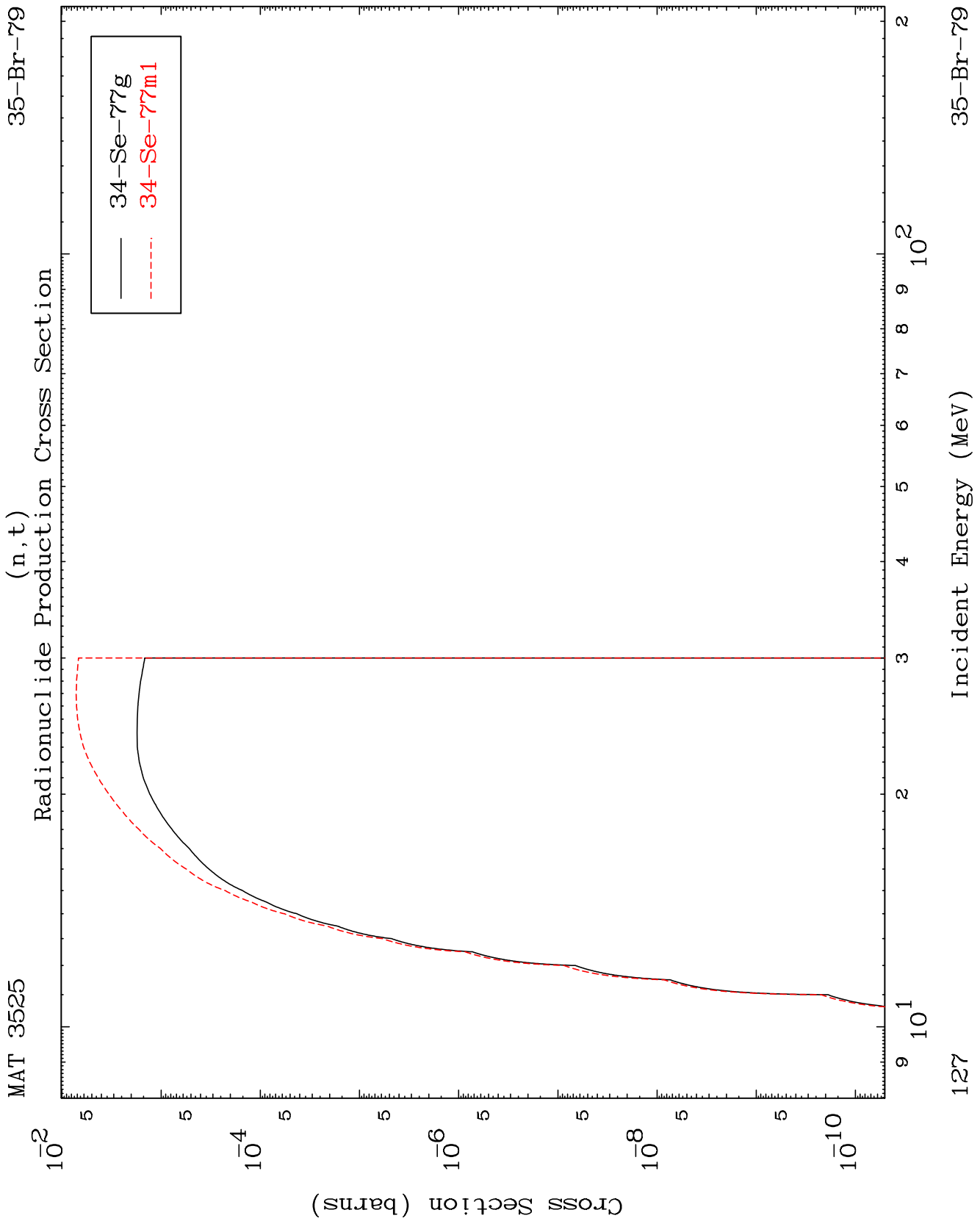
MAT 3525

(n,p)

³⁵Br-79

Radionuclide Production Cross Section

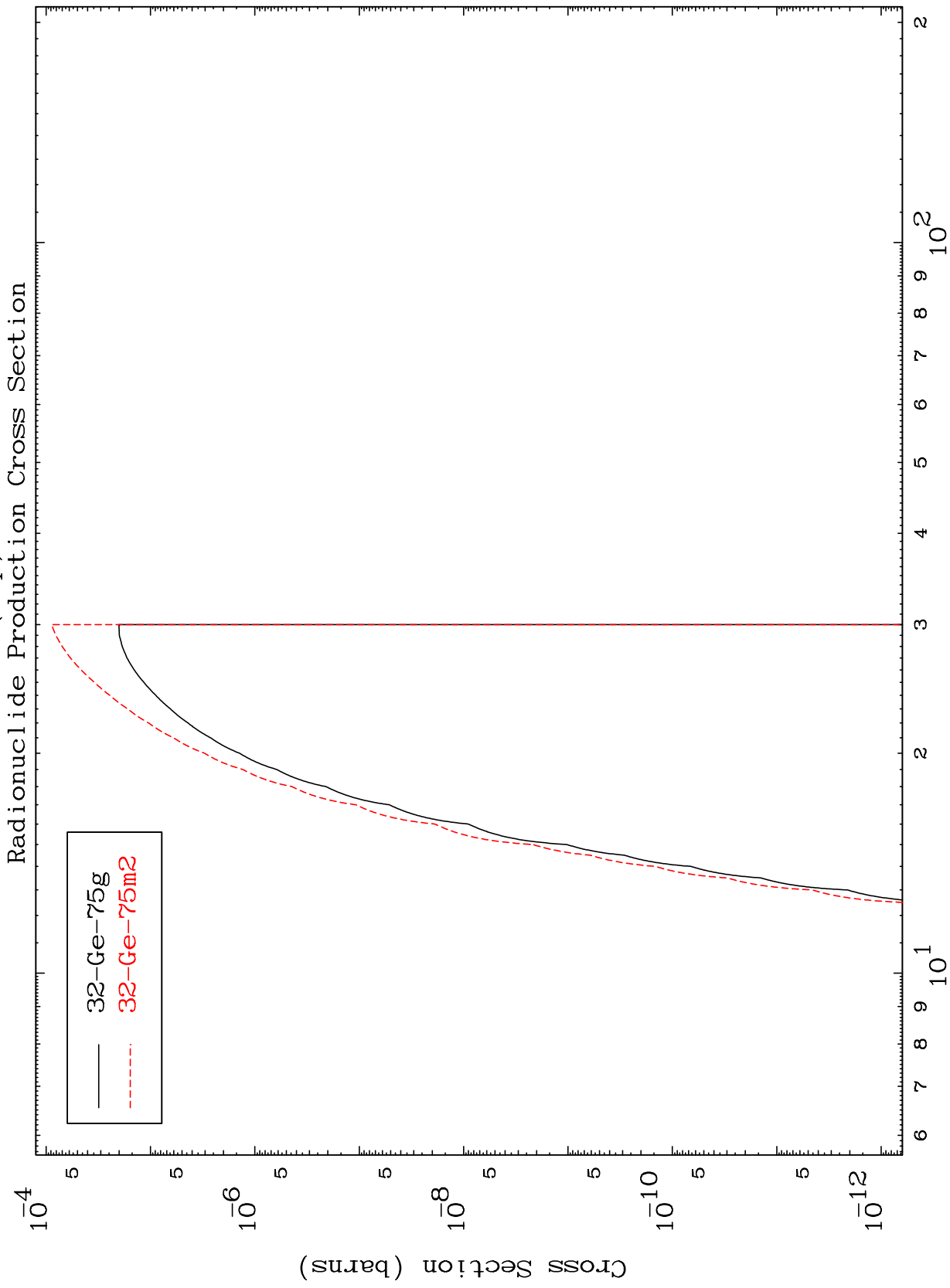




MAT 3525

(n,p) α

³⁵Br-79



128

Incident Energy (MeV)

³⁵Br-79