

Program EVALPLOT
(Version 2018-1)

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

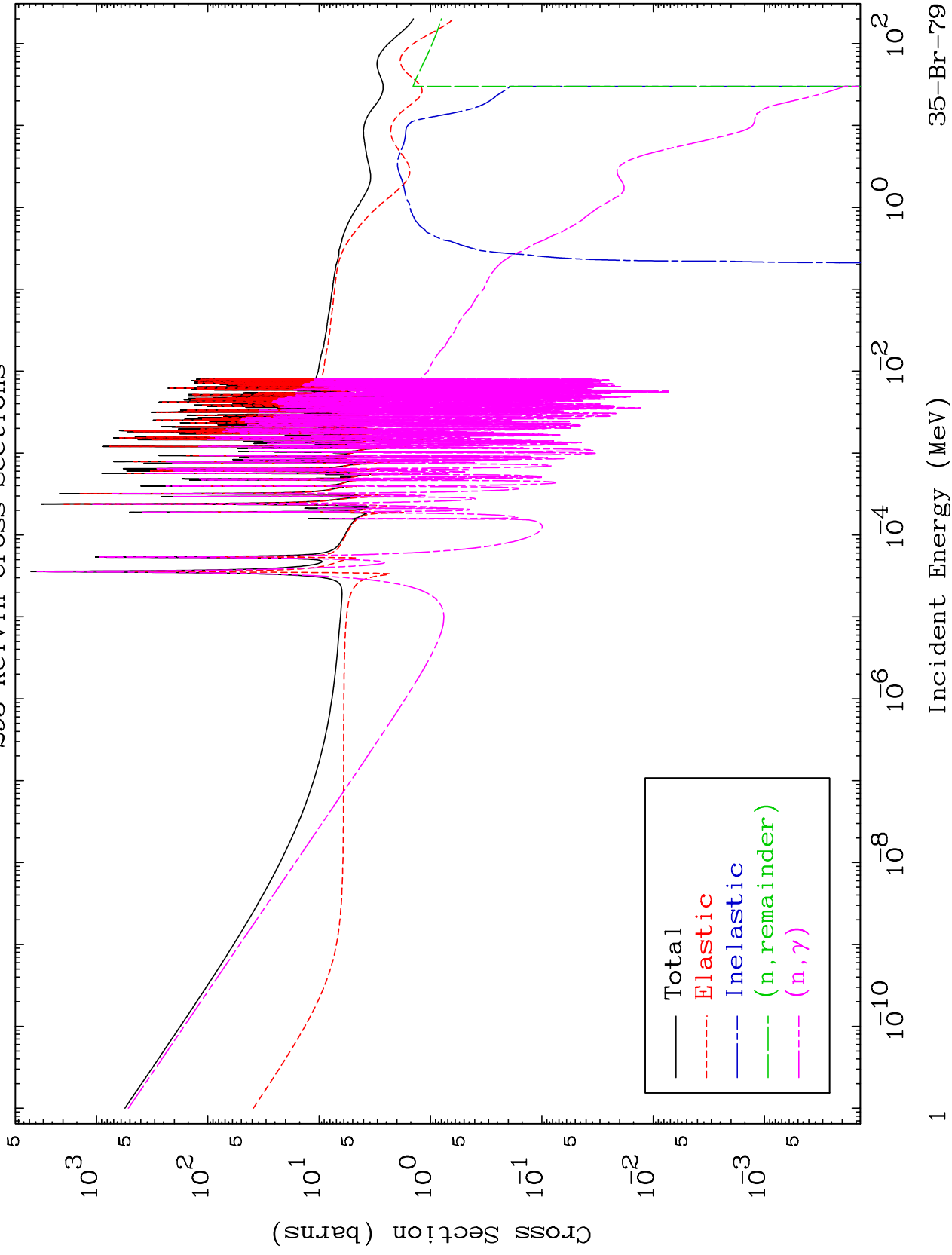
Web: redcullen1.net/HOMEPAGE.NEW

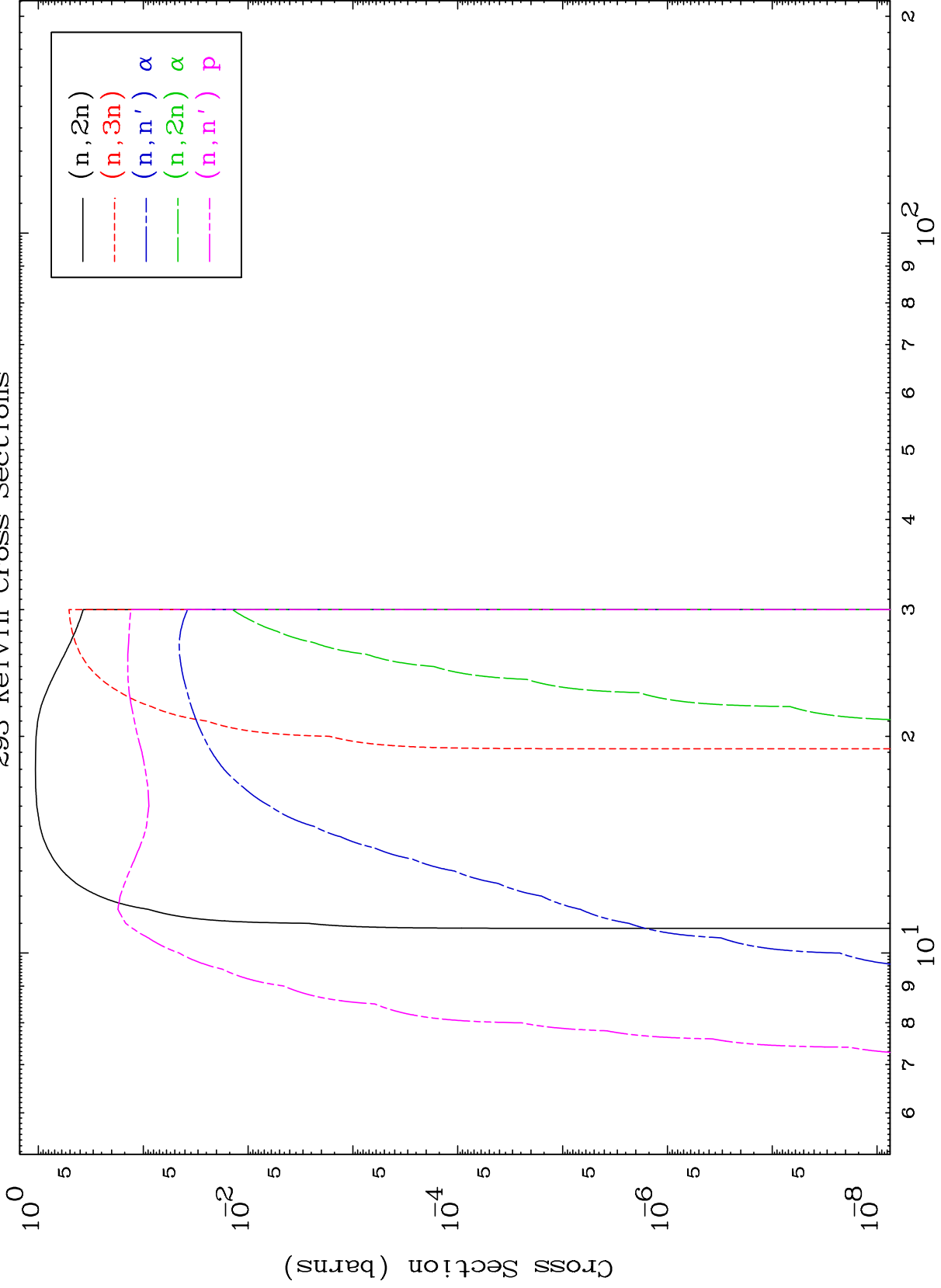
Press Mouse Button to Start

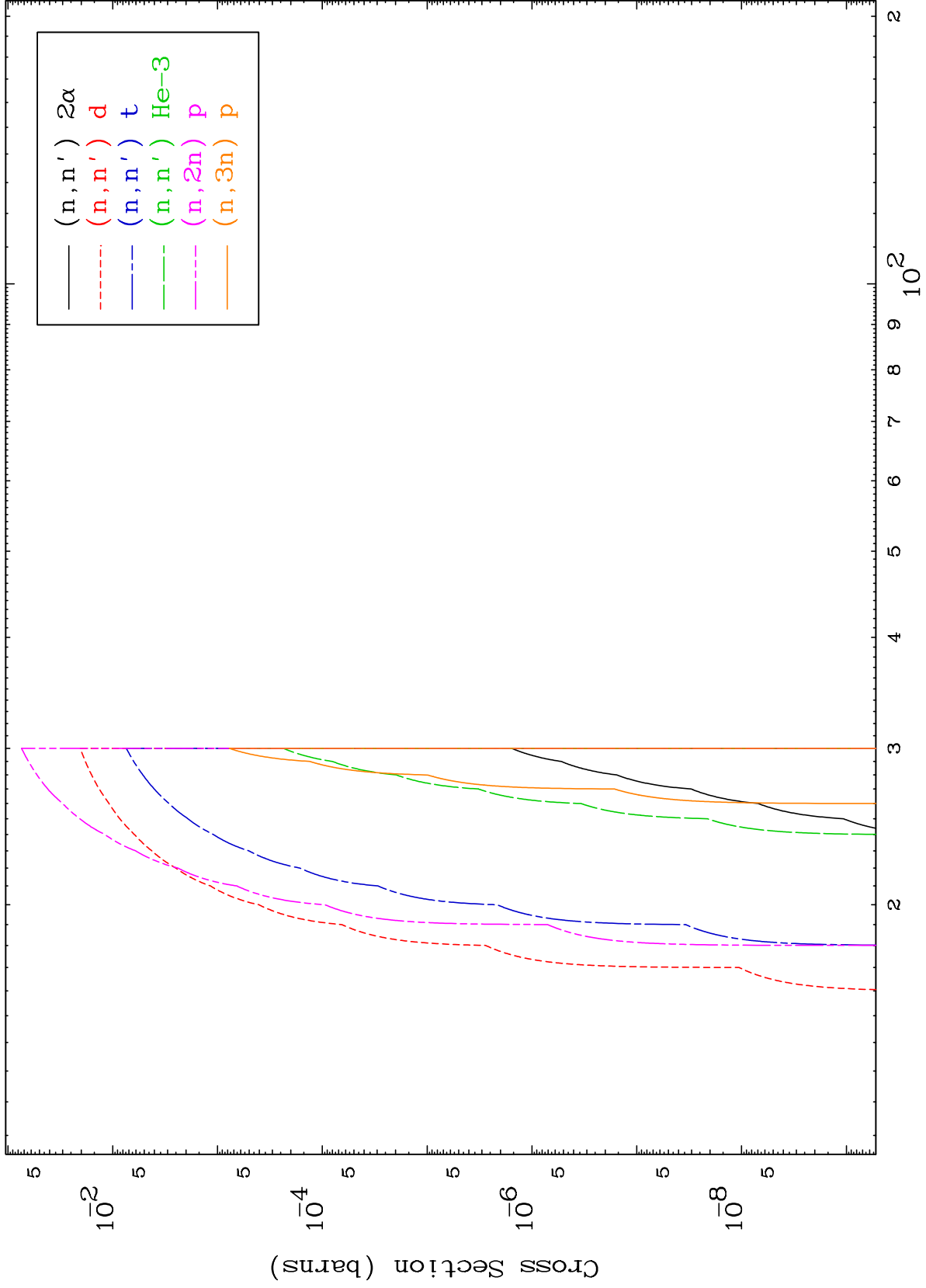
MAT 3525

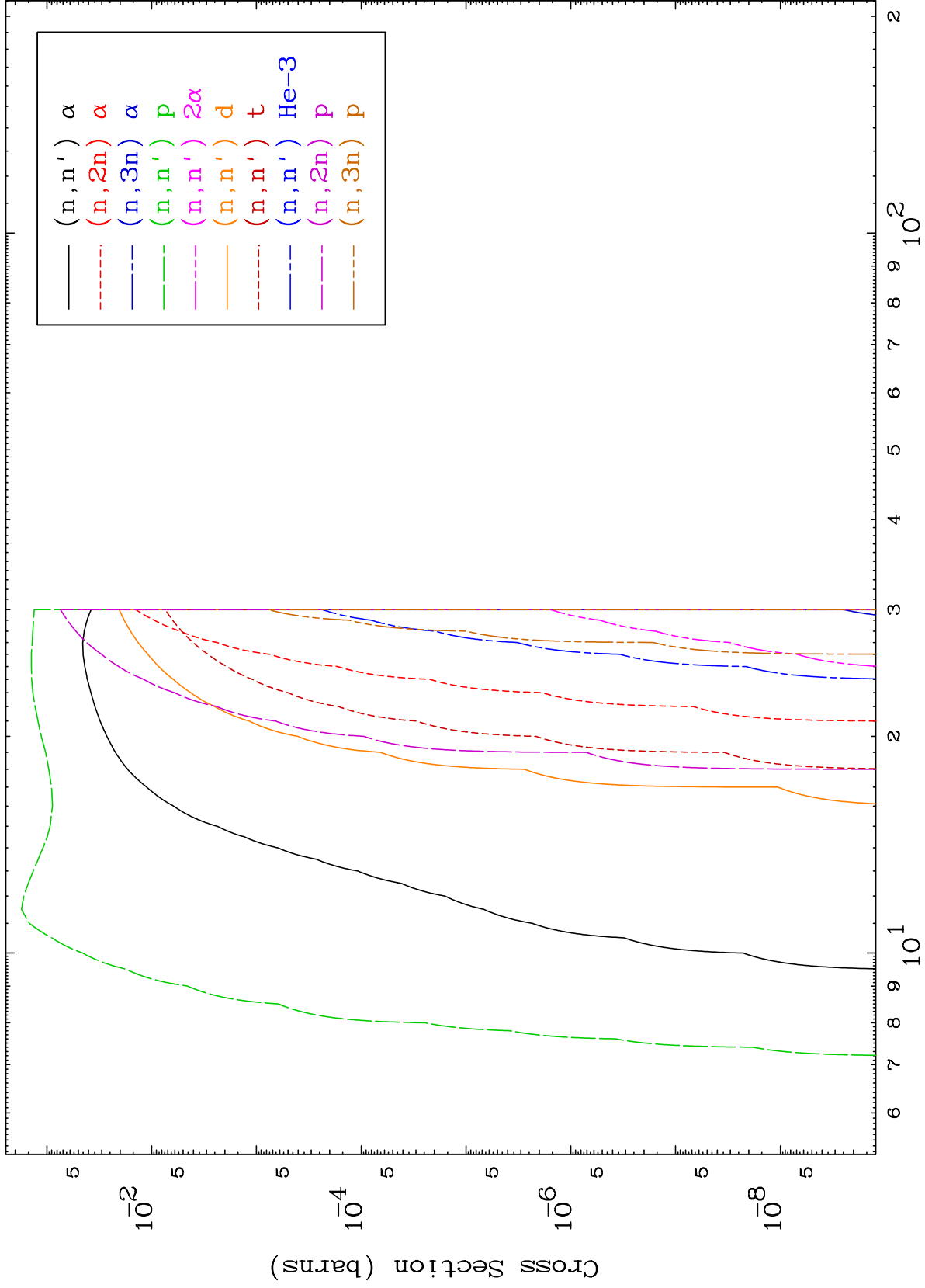
Major
293 Kelvin Cross Sections

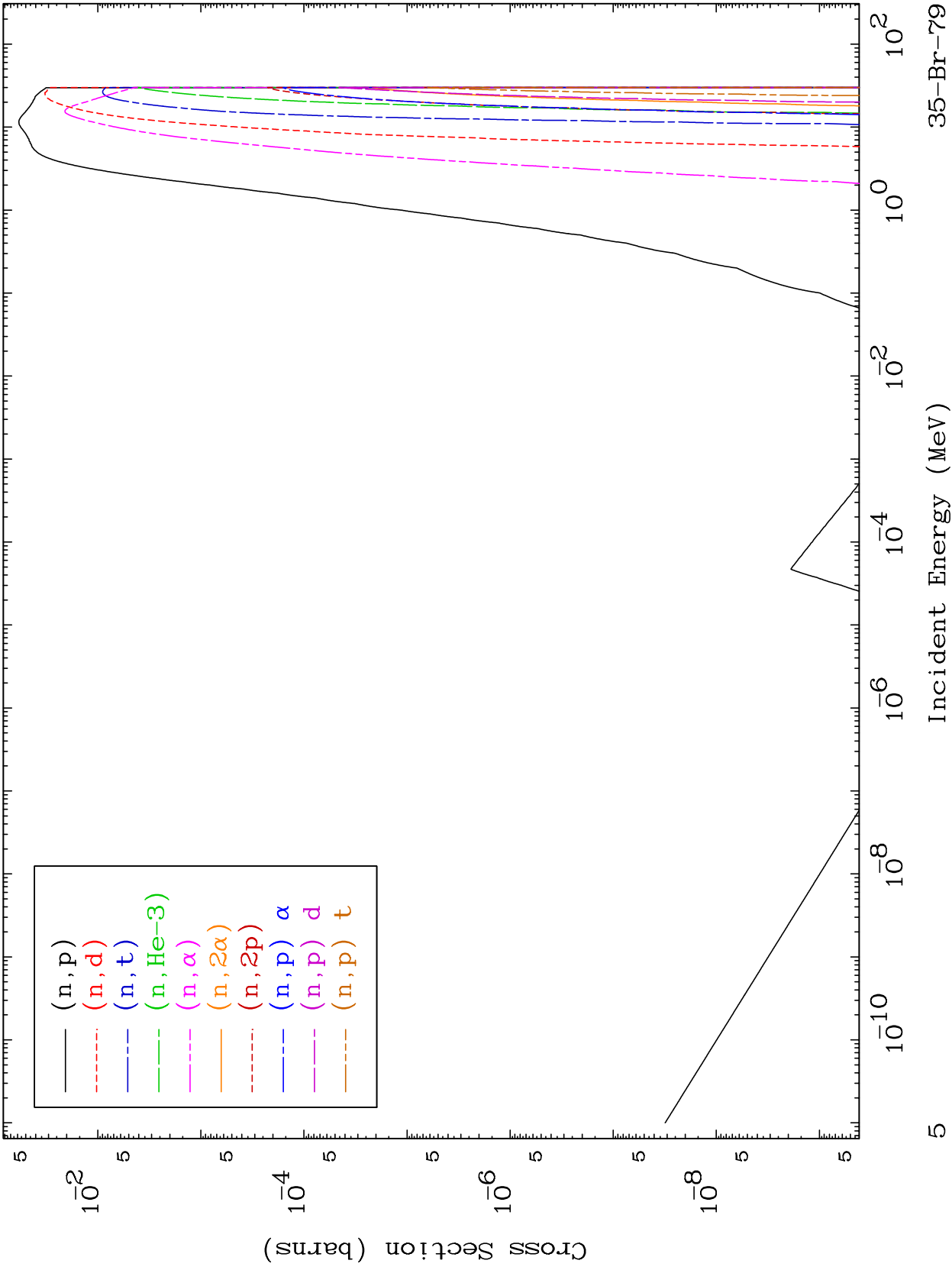
35-Br-79







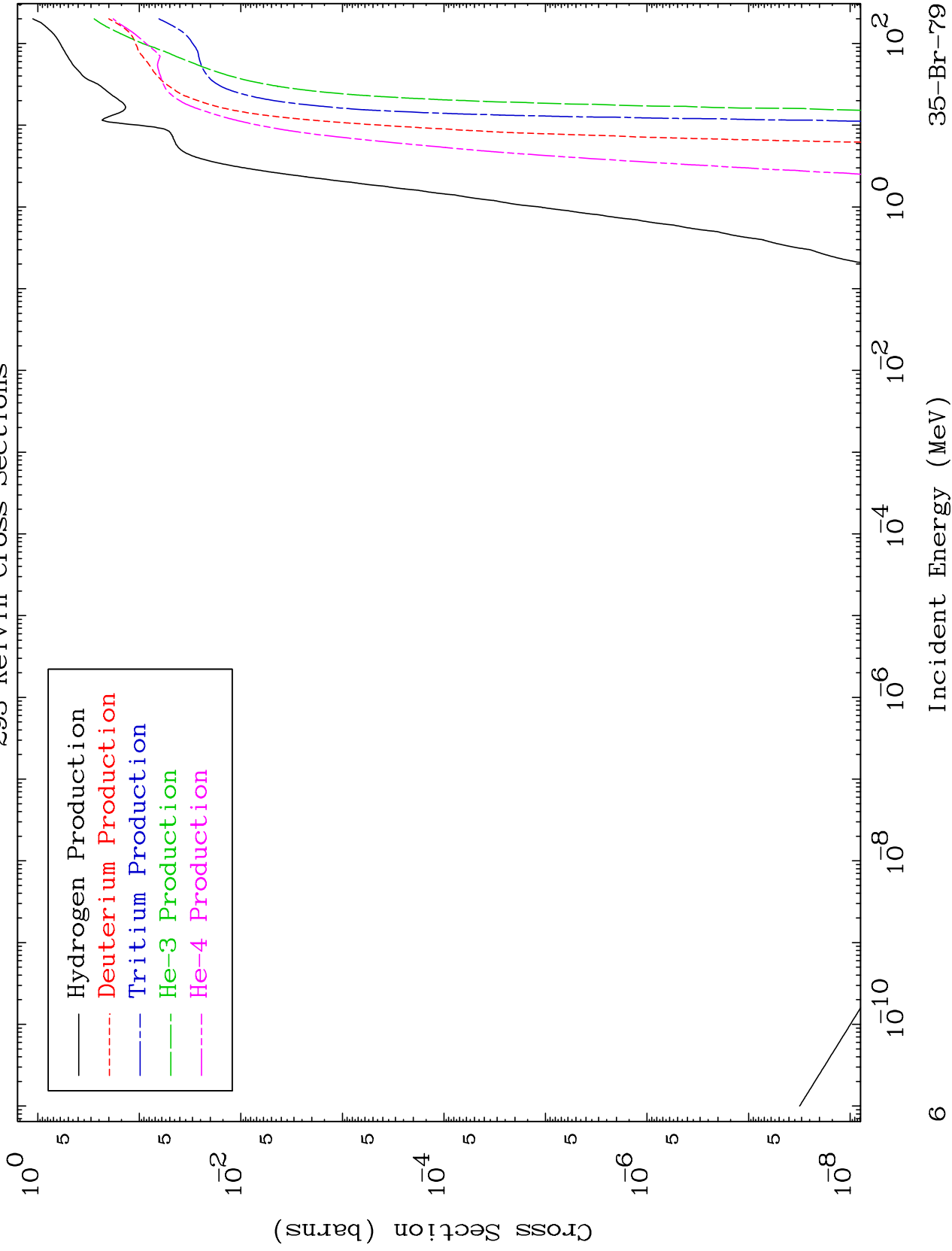




MAT 3525

Particle Production
293 Kelvin Cross Sections

35-Br-79

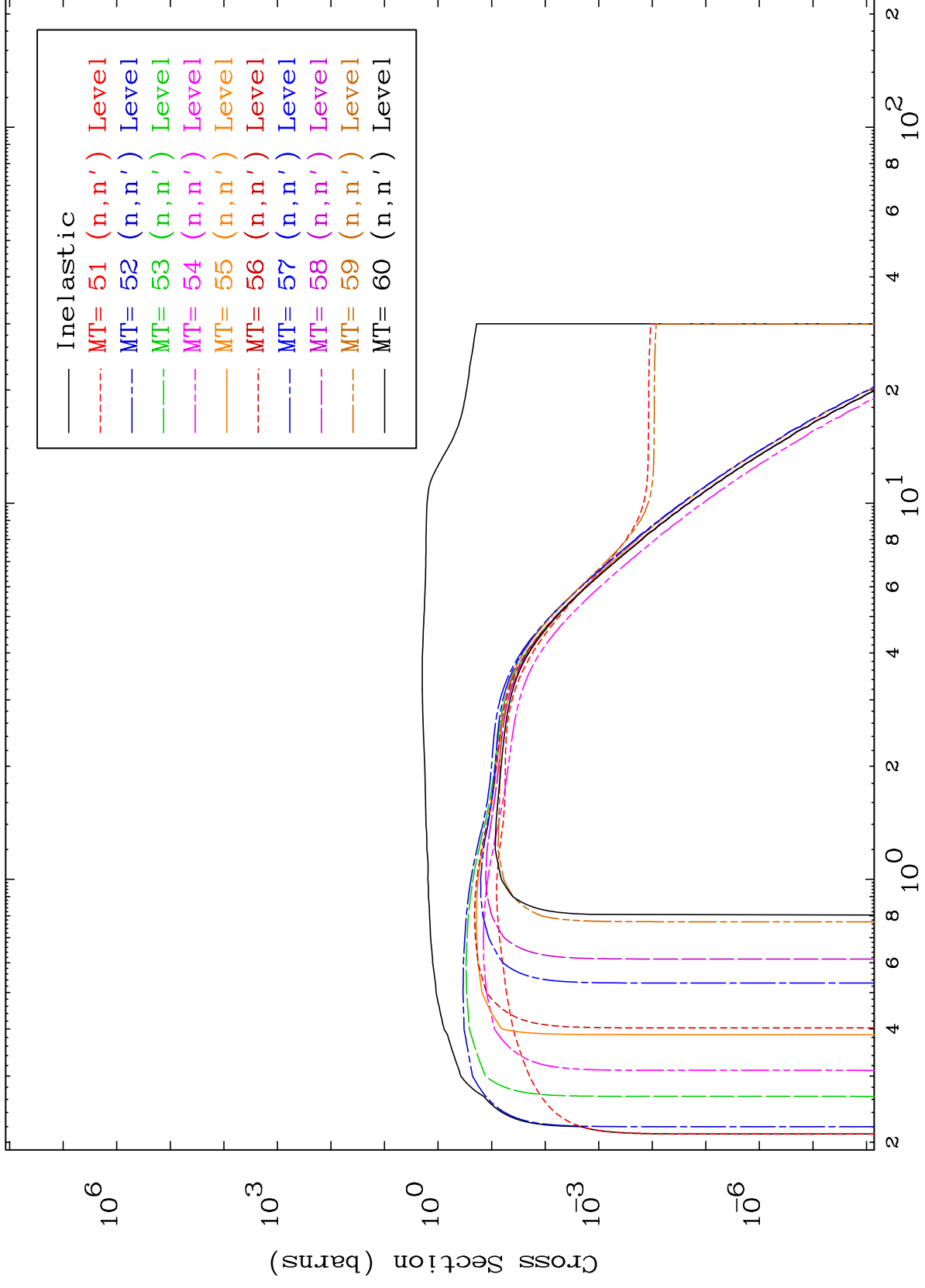


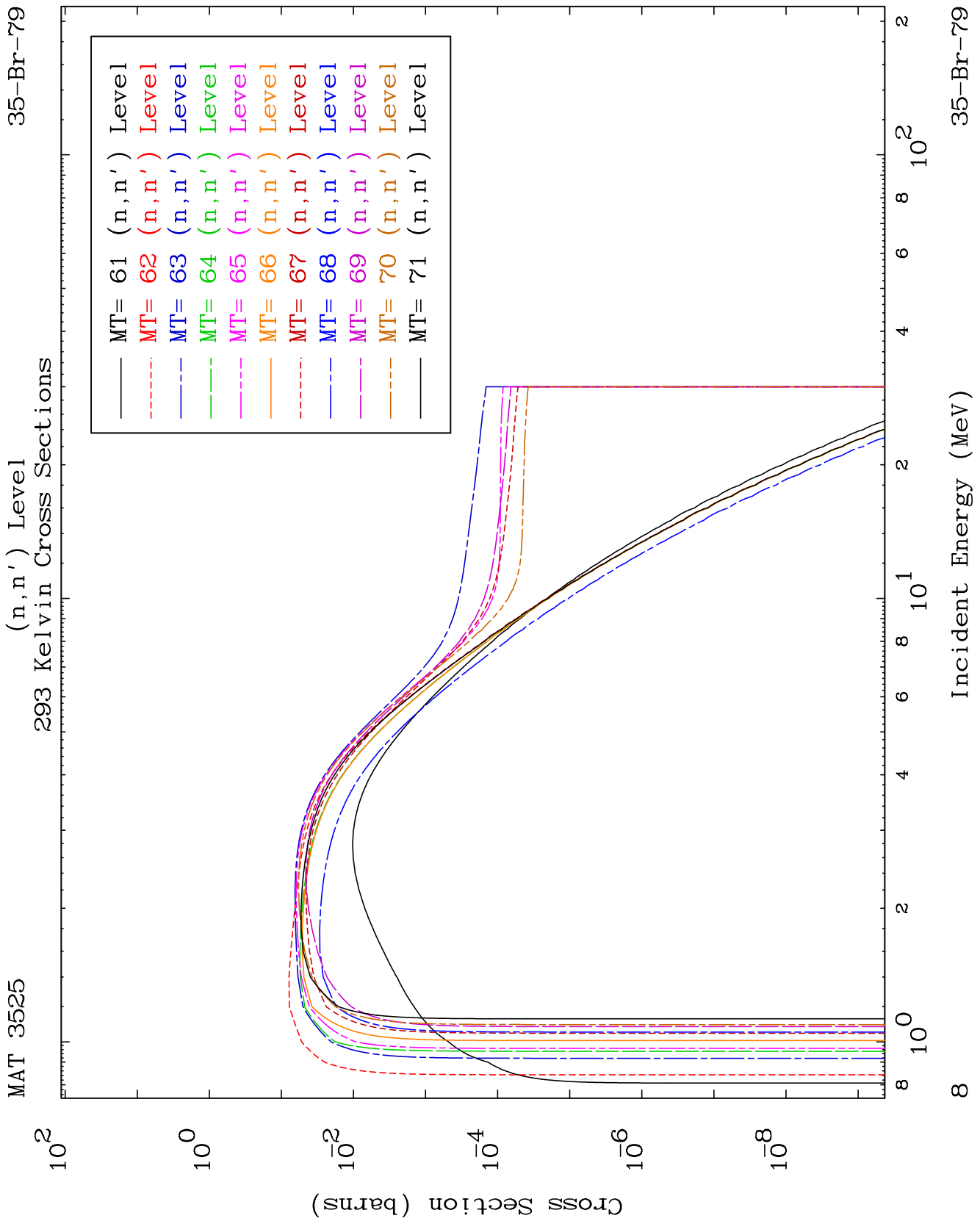
MAT 3525

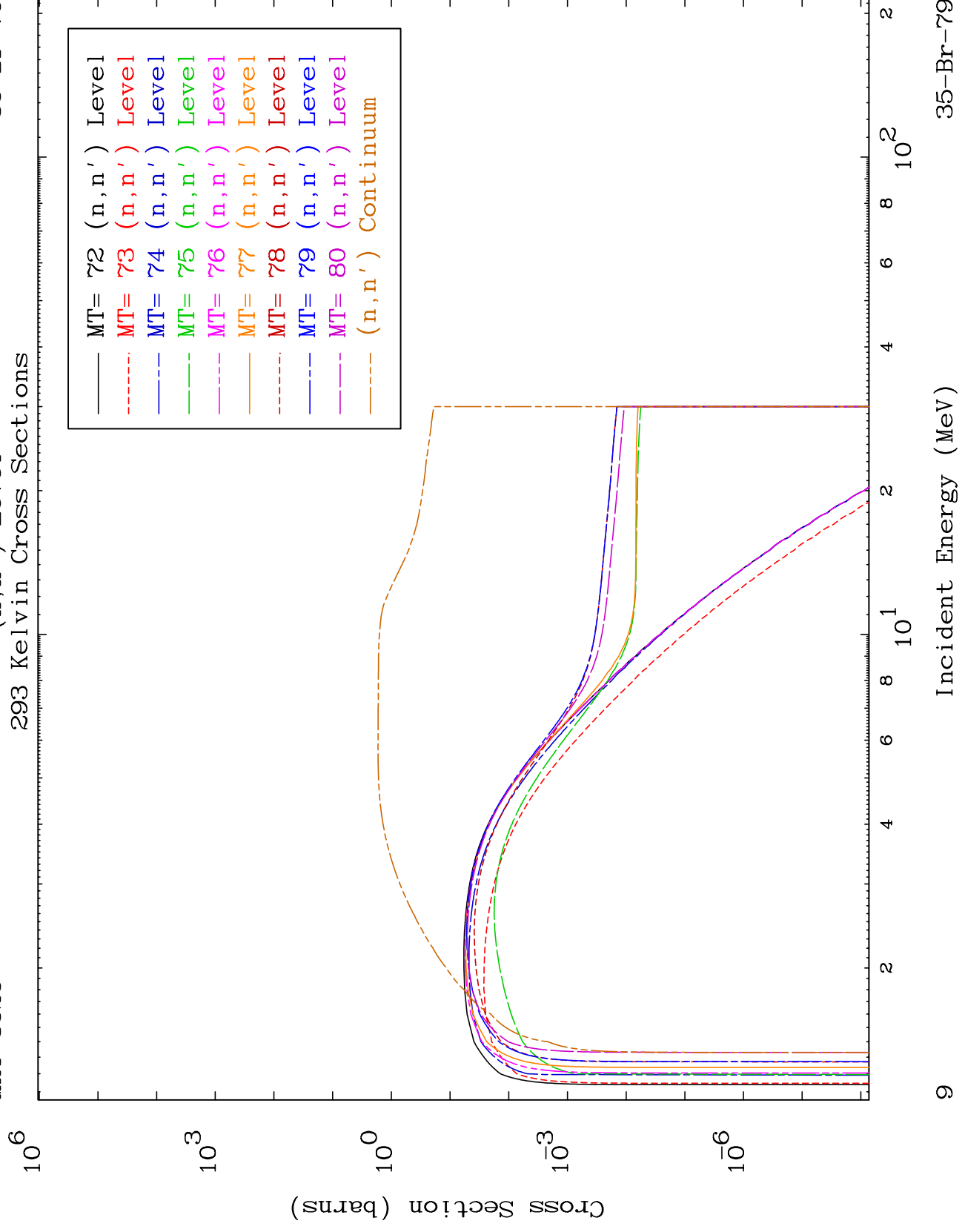
(n,n') Level

35-Br-79

293 Kelvin Cross Sections



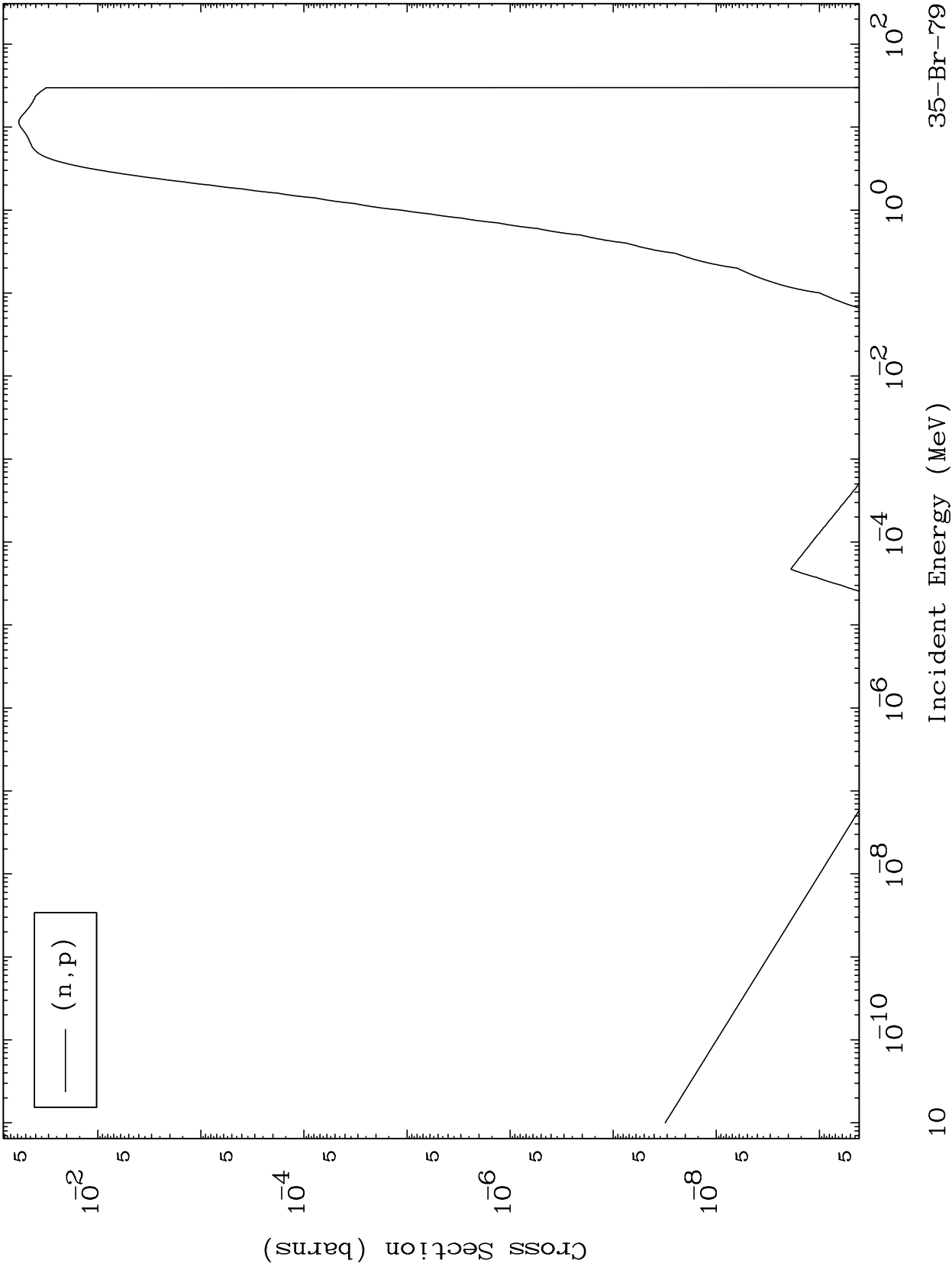




MAT 3525

(n,p) Levels
293 Kelvin Cross Sections

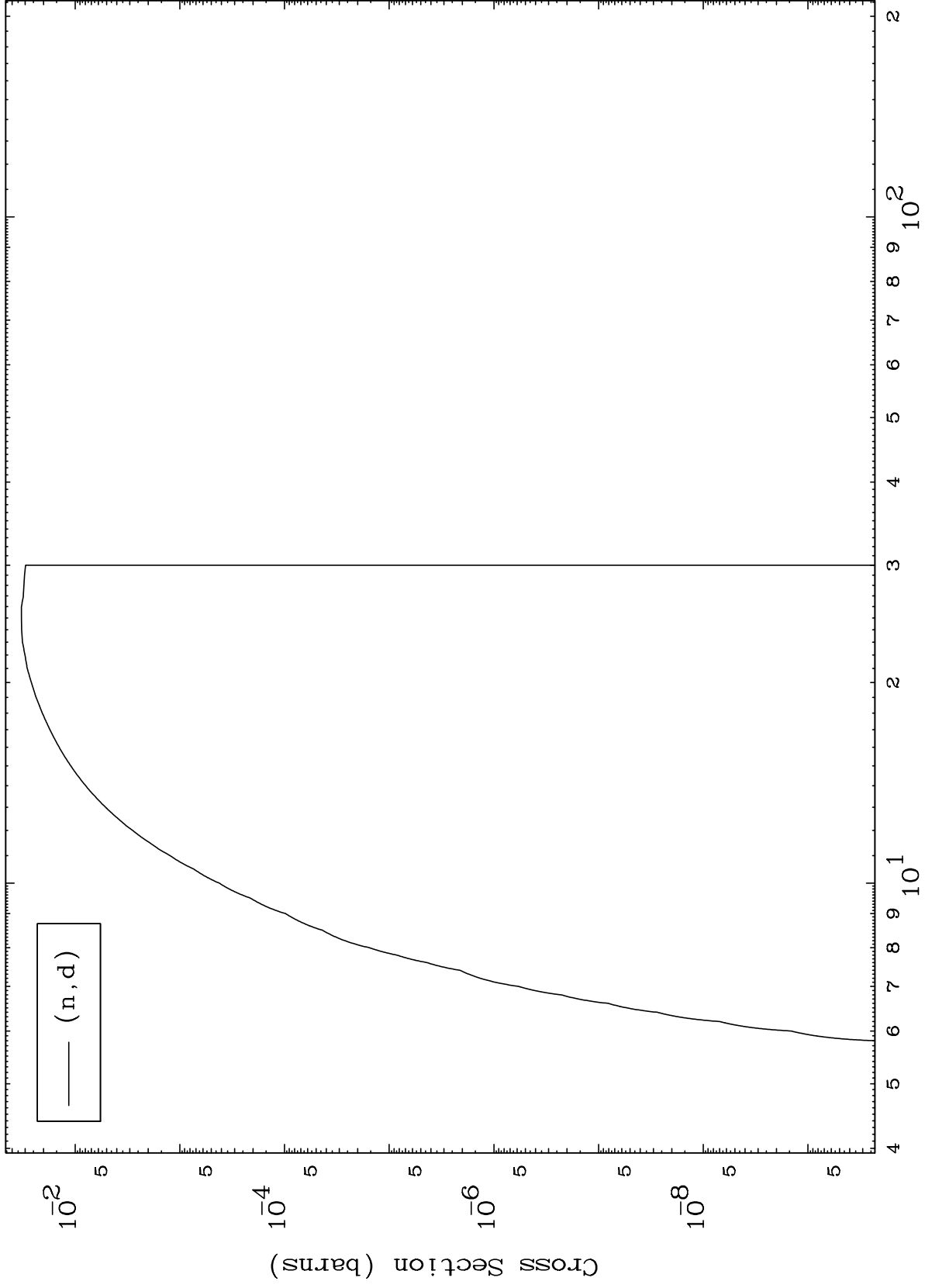
35-Br-79



MAT 3525

(n,d) Levels
293 Kelvin Cross Sections

35-Br-79



11

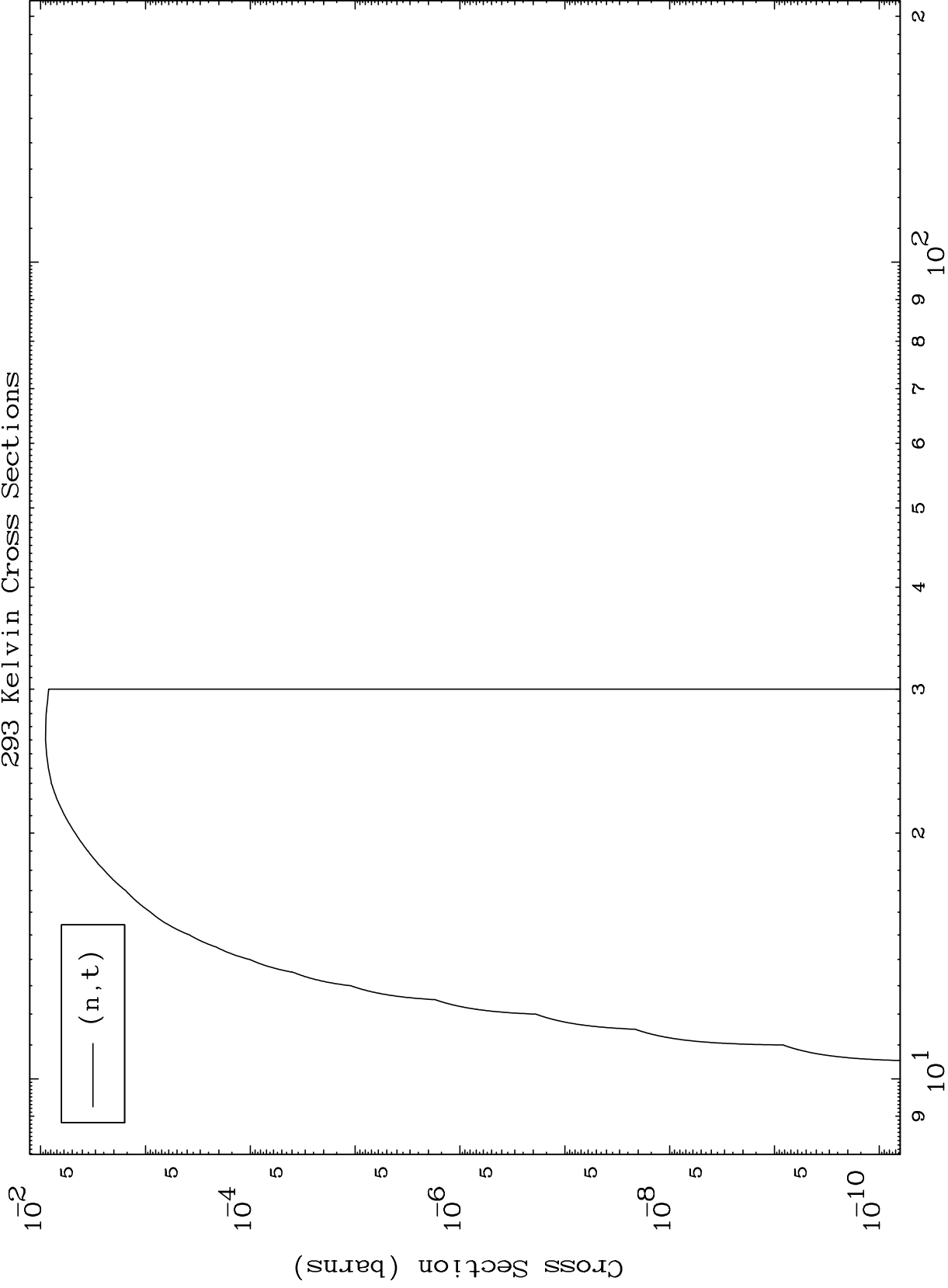
Incident Energy (MeV)

35-Br-79

MAT 3525

(n,t) Levels
293 Kelvin Cross Sections

³⁵Br-79



12

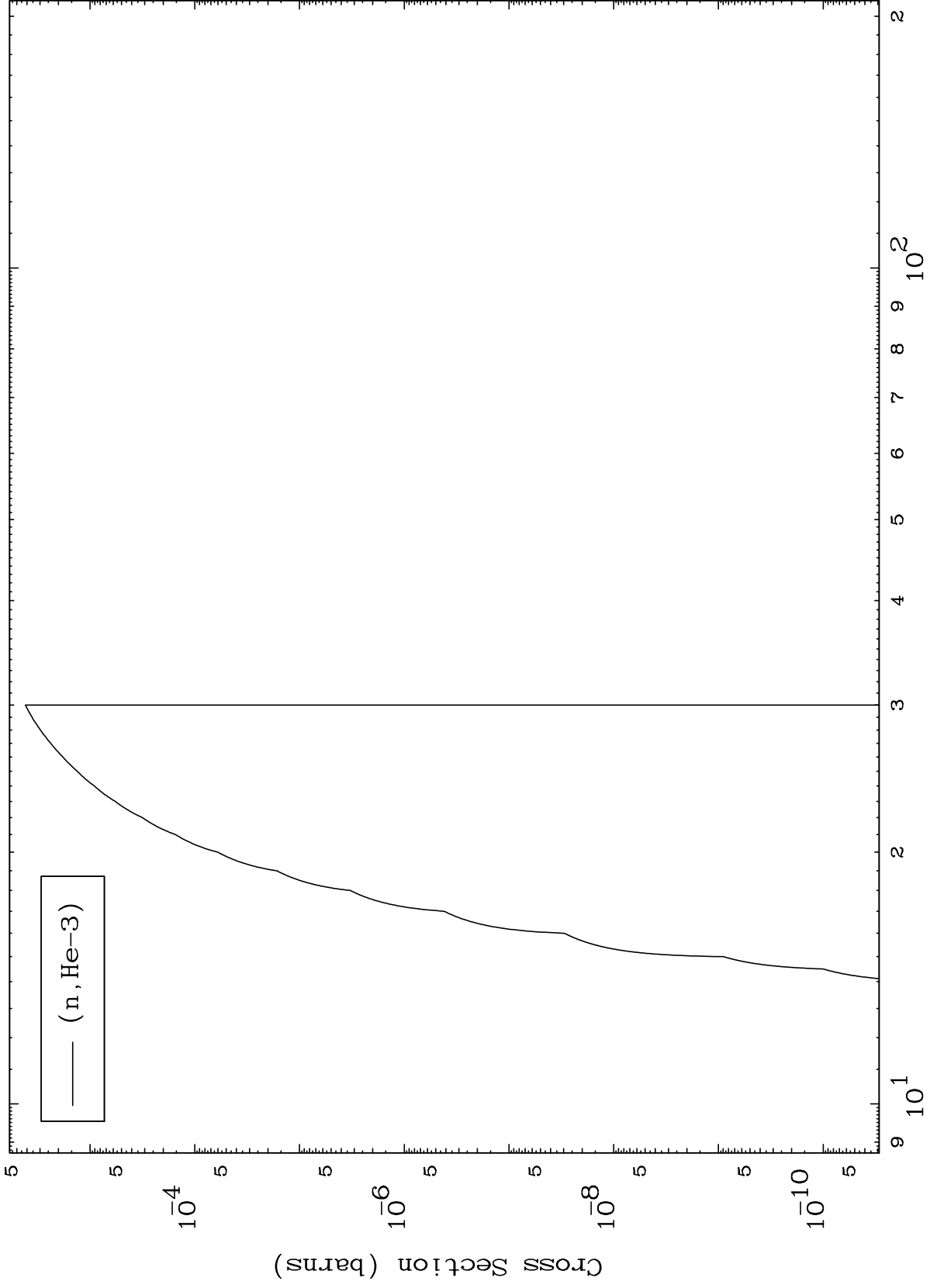
Incident Energy (MeV)

³⁵Br-79

MAT 3525

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-79



13

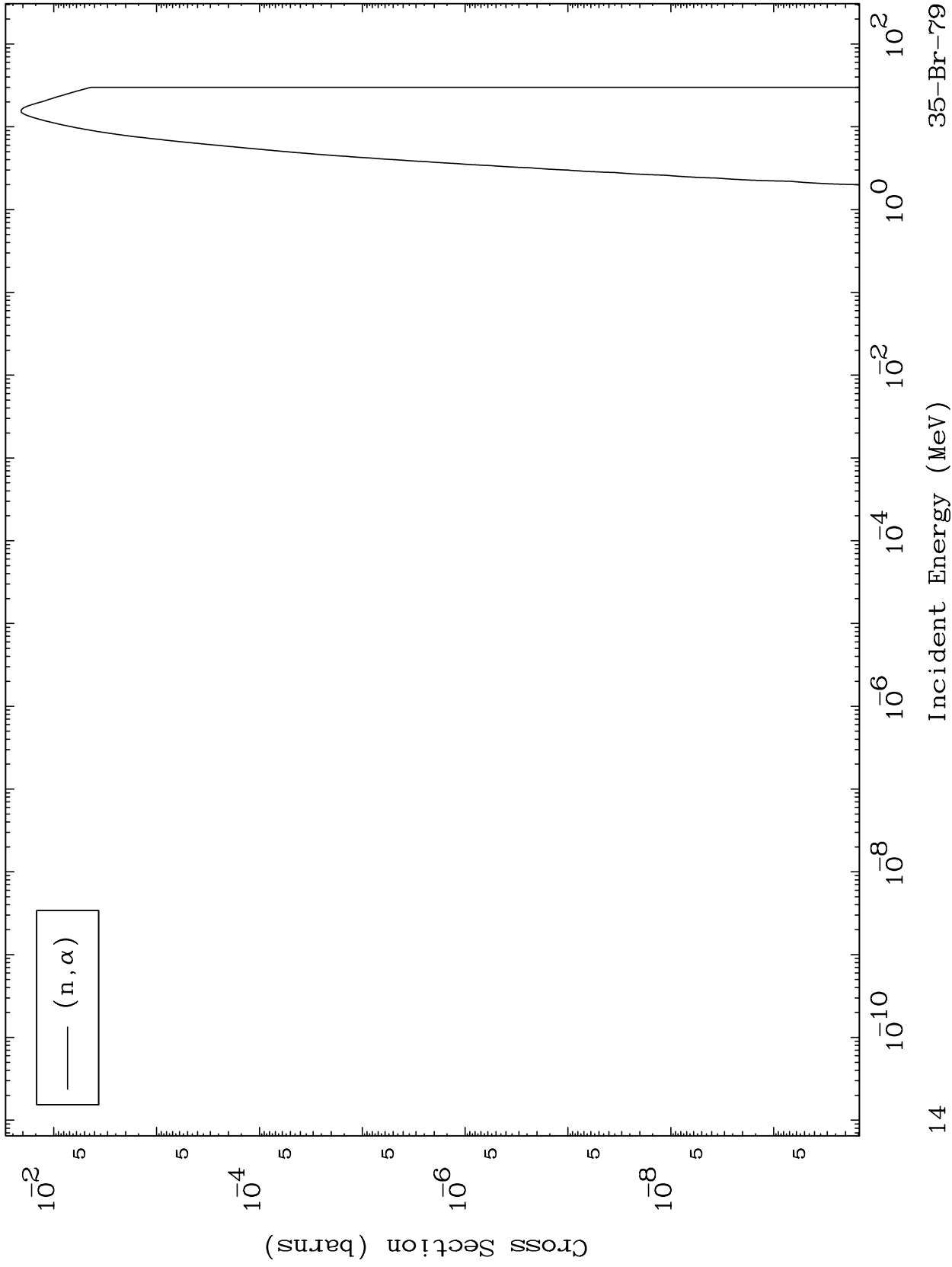
Incident Energy (MeV)

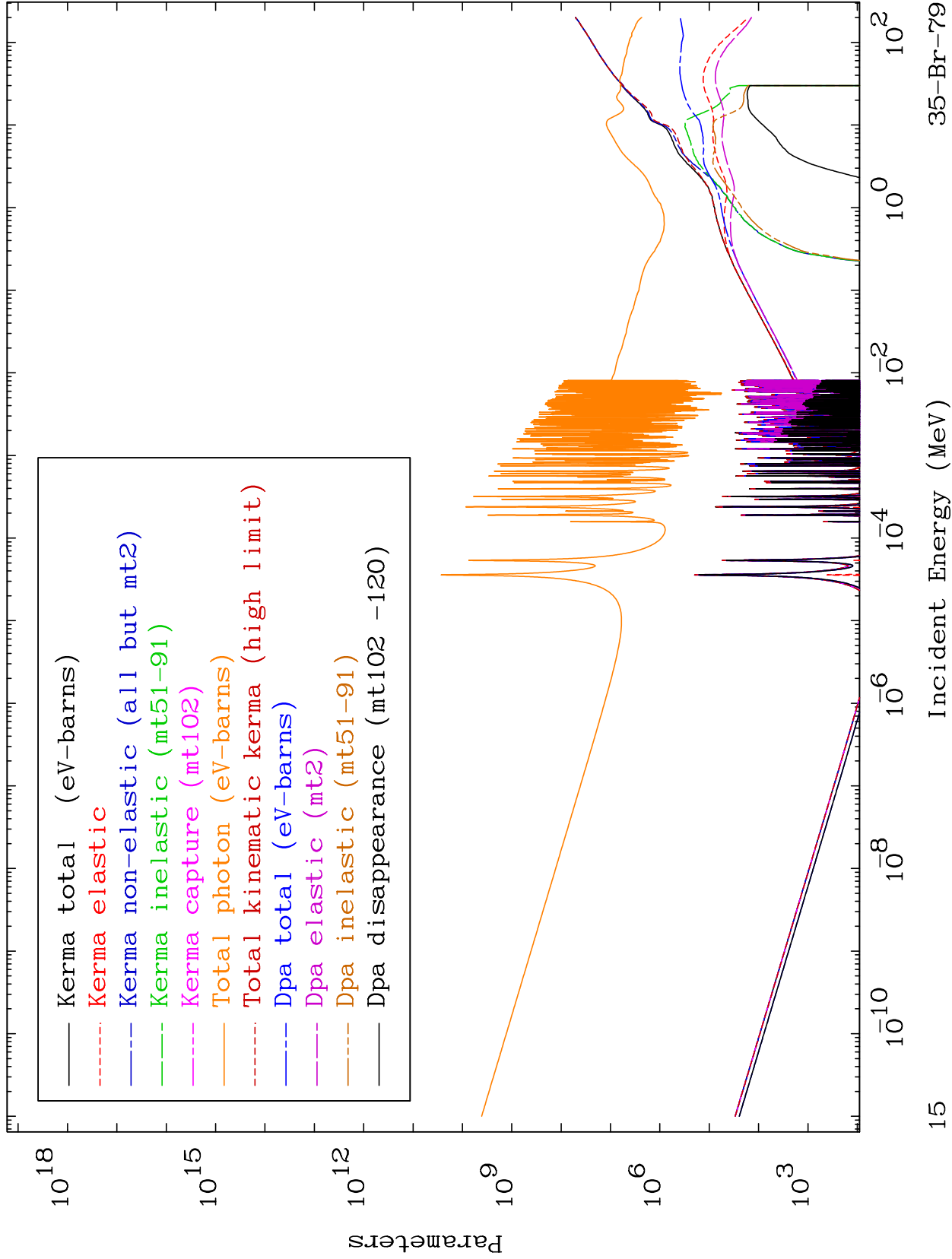
35-Br-79

MAT 3525

(n, α) Levels
293 Kelvin Cross Sections

35-Br-79

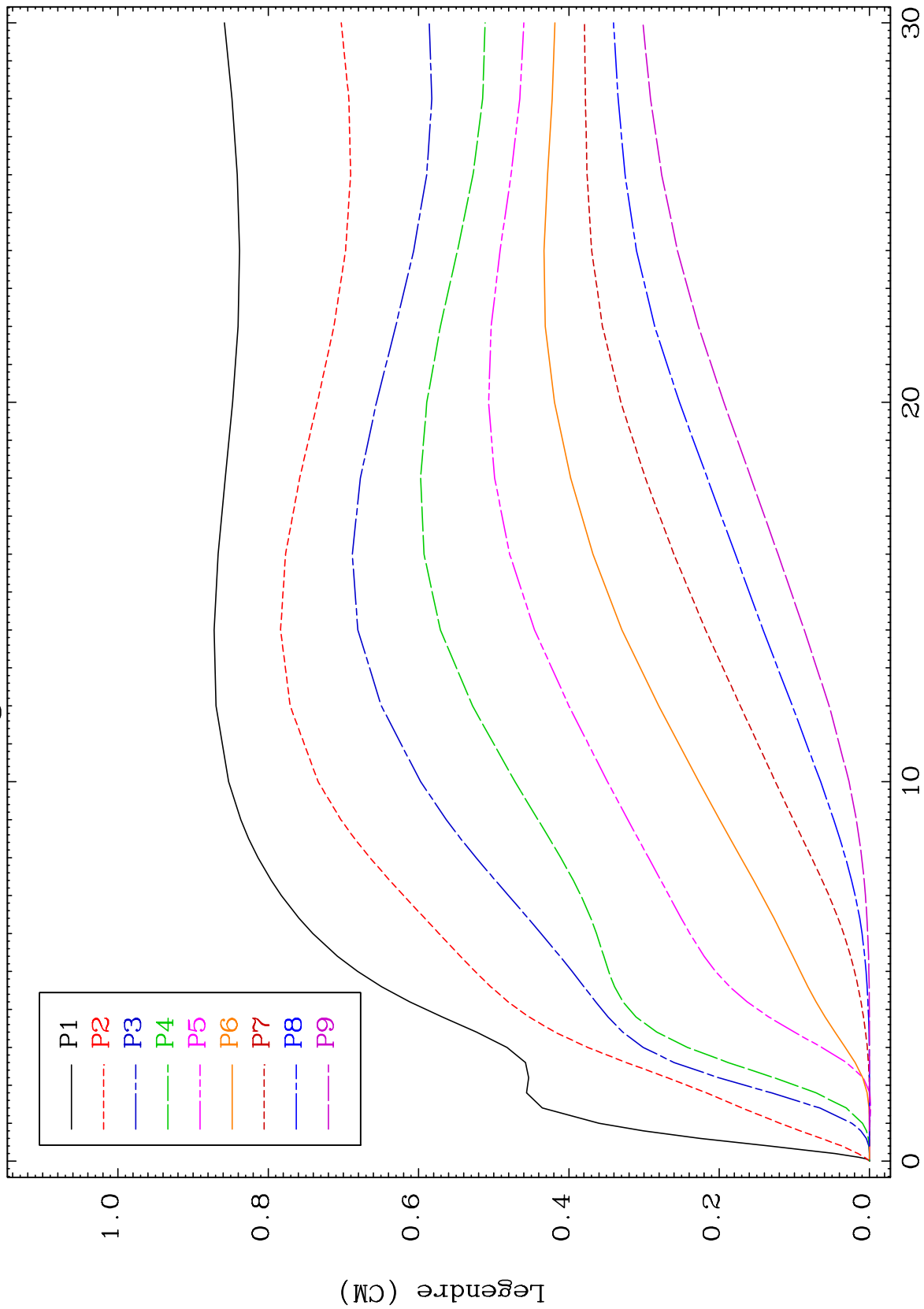




MAT 3525

Elastic Legendre Coefficients

³⁵Br-79



16

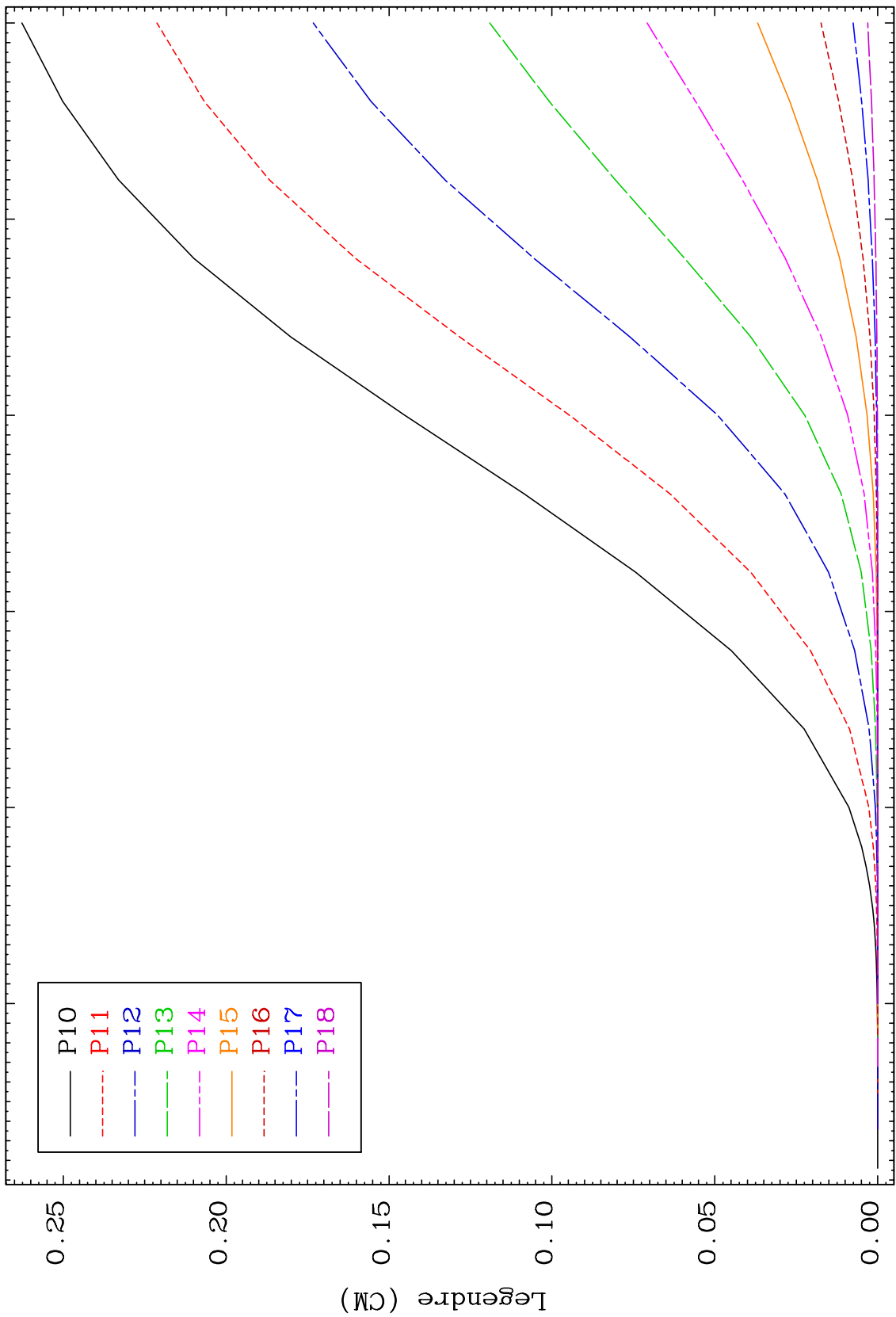
Incident Energy (MeV)

³⁵Br-79

MAT 3525

Elastic Legendre Coefficients

35-Br-79



17

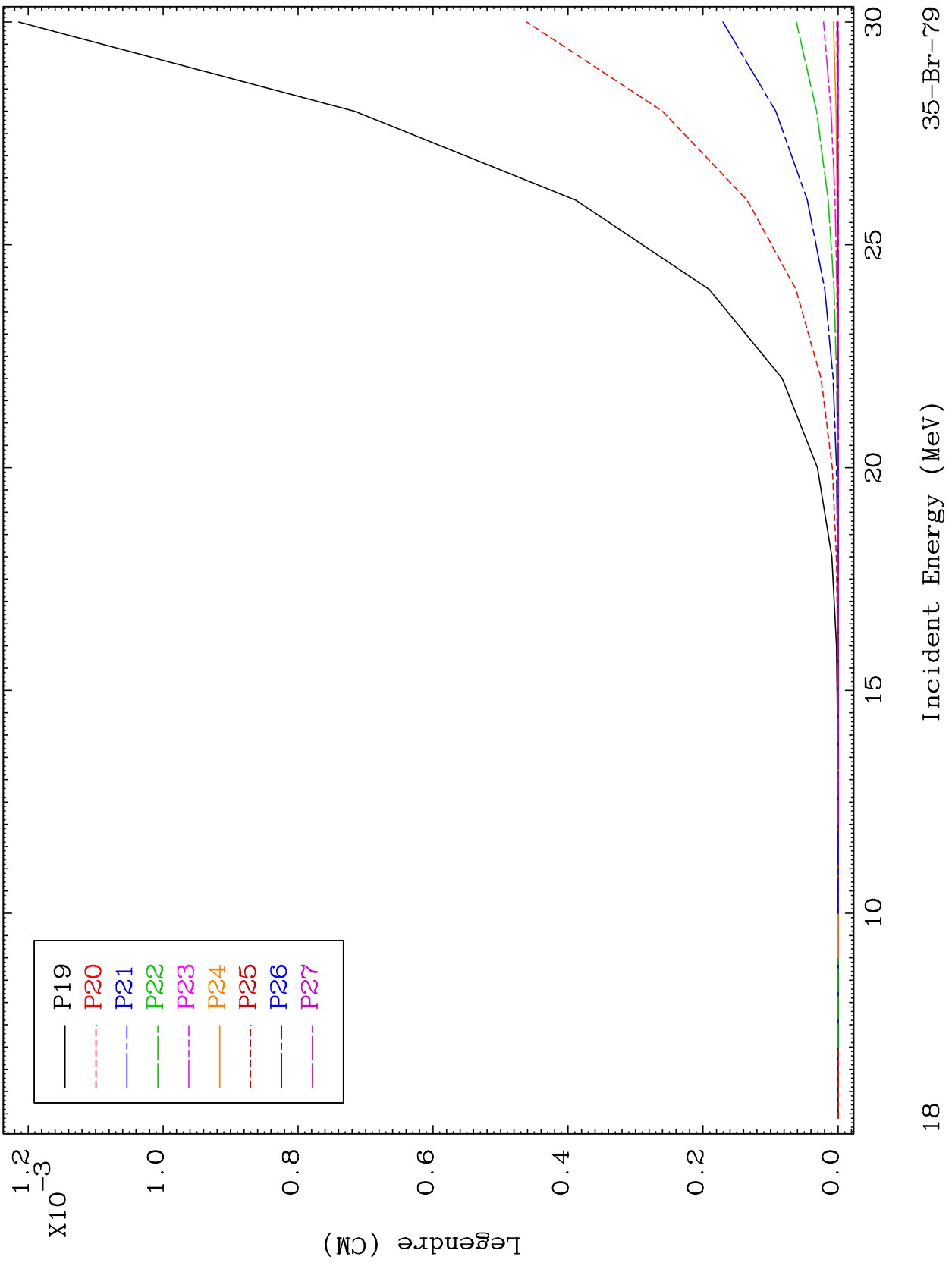
Incident Energy (MeV)

35-Br-79

MAT 3525

Elastic Legendre Coefficients

³⁵Br-79



18

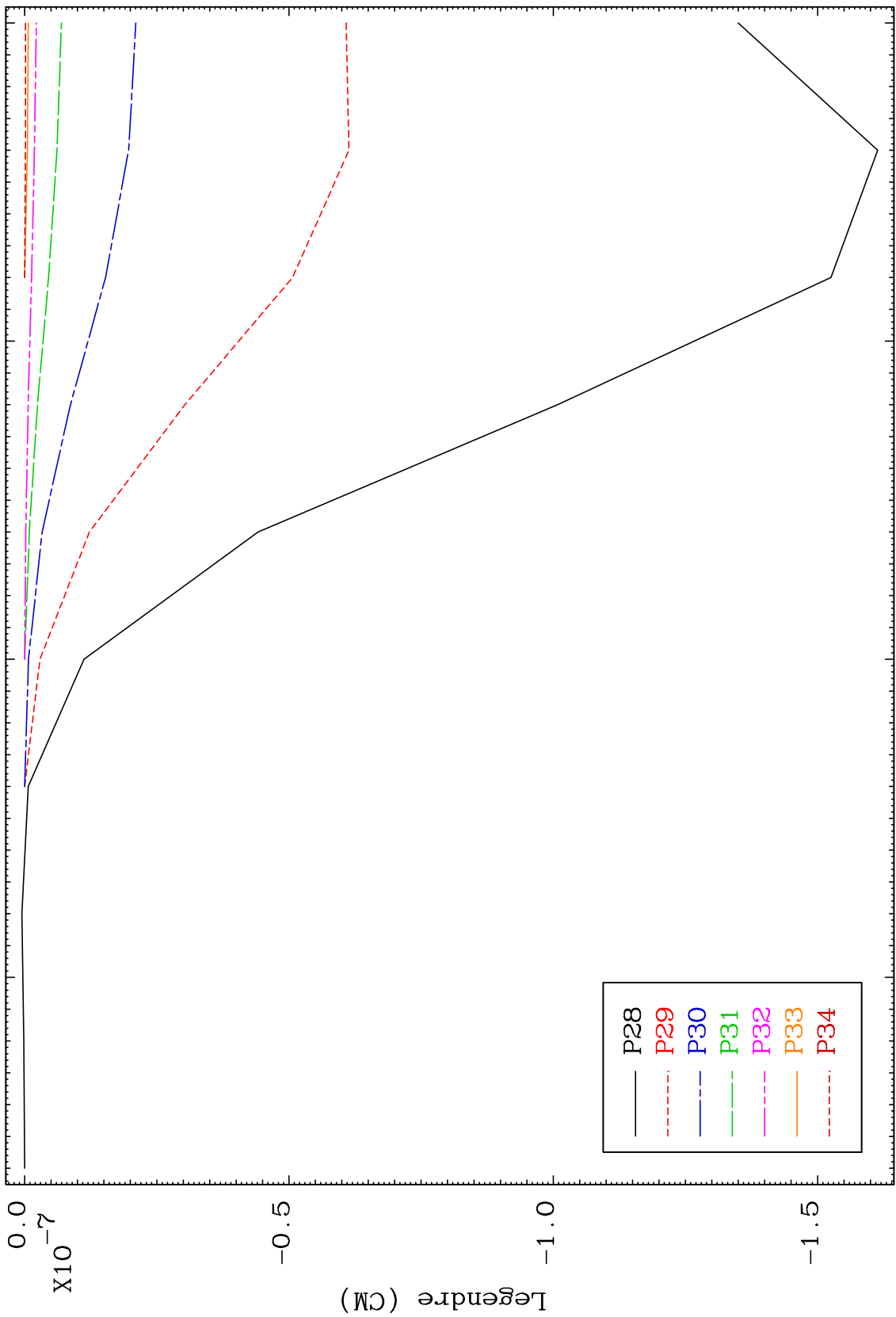
Incident Energy (MeV)

³⁵Br-79

MAT 3525

35-Br-79

Elastic Legendre Coefficients



19

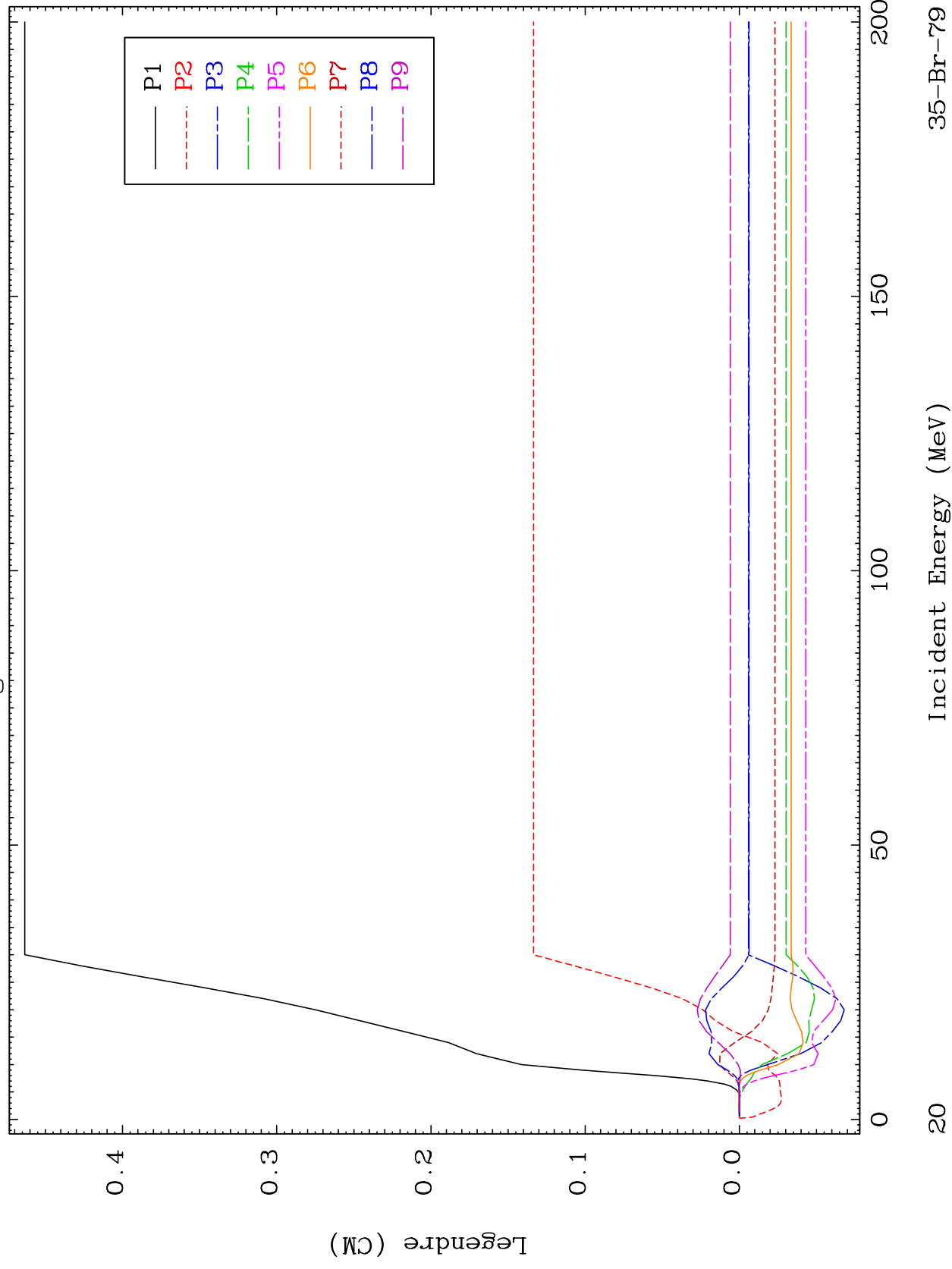
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 51 (n,n') Level
Legendre Coefficients

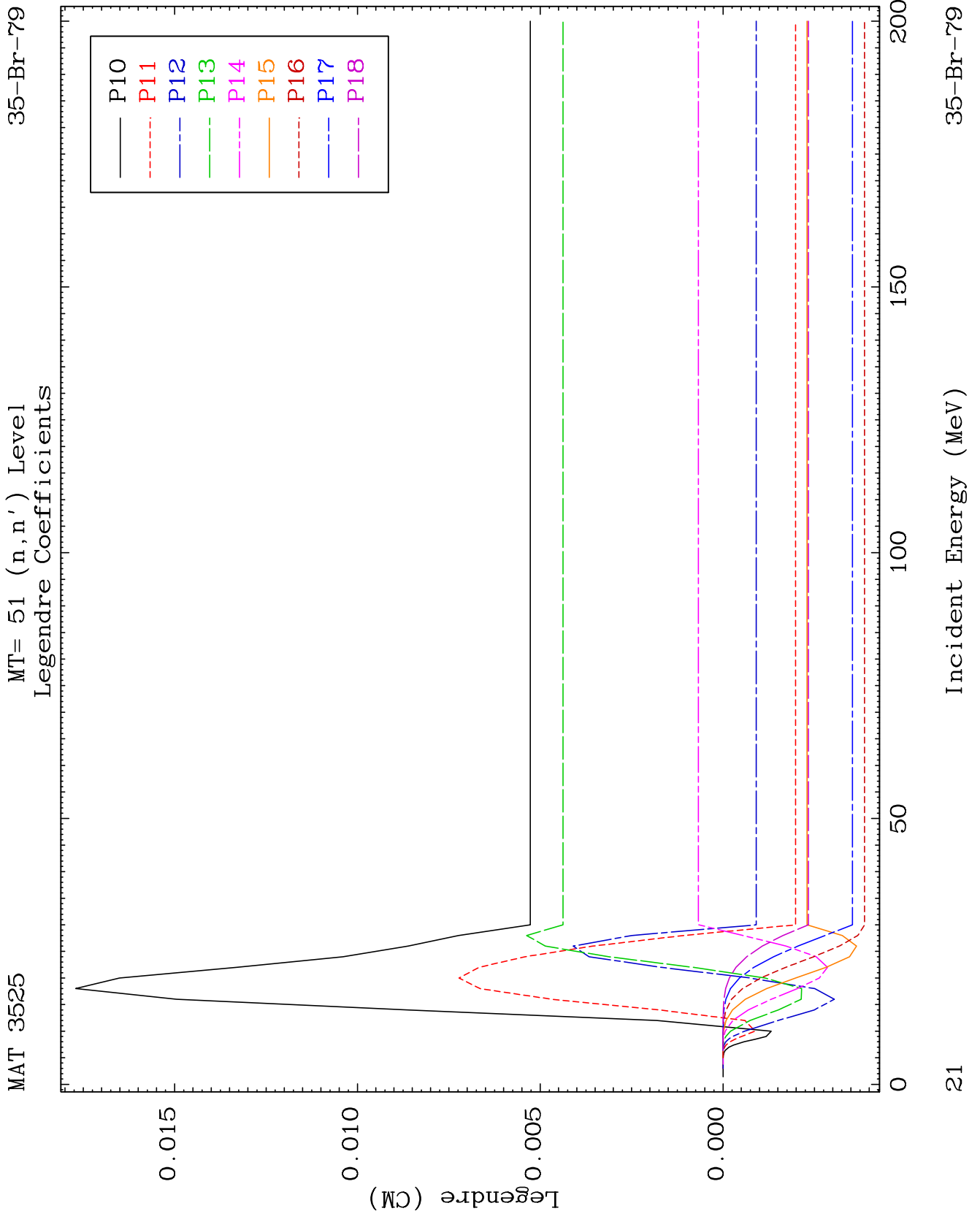
35-Br-79

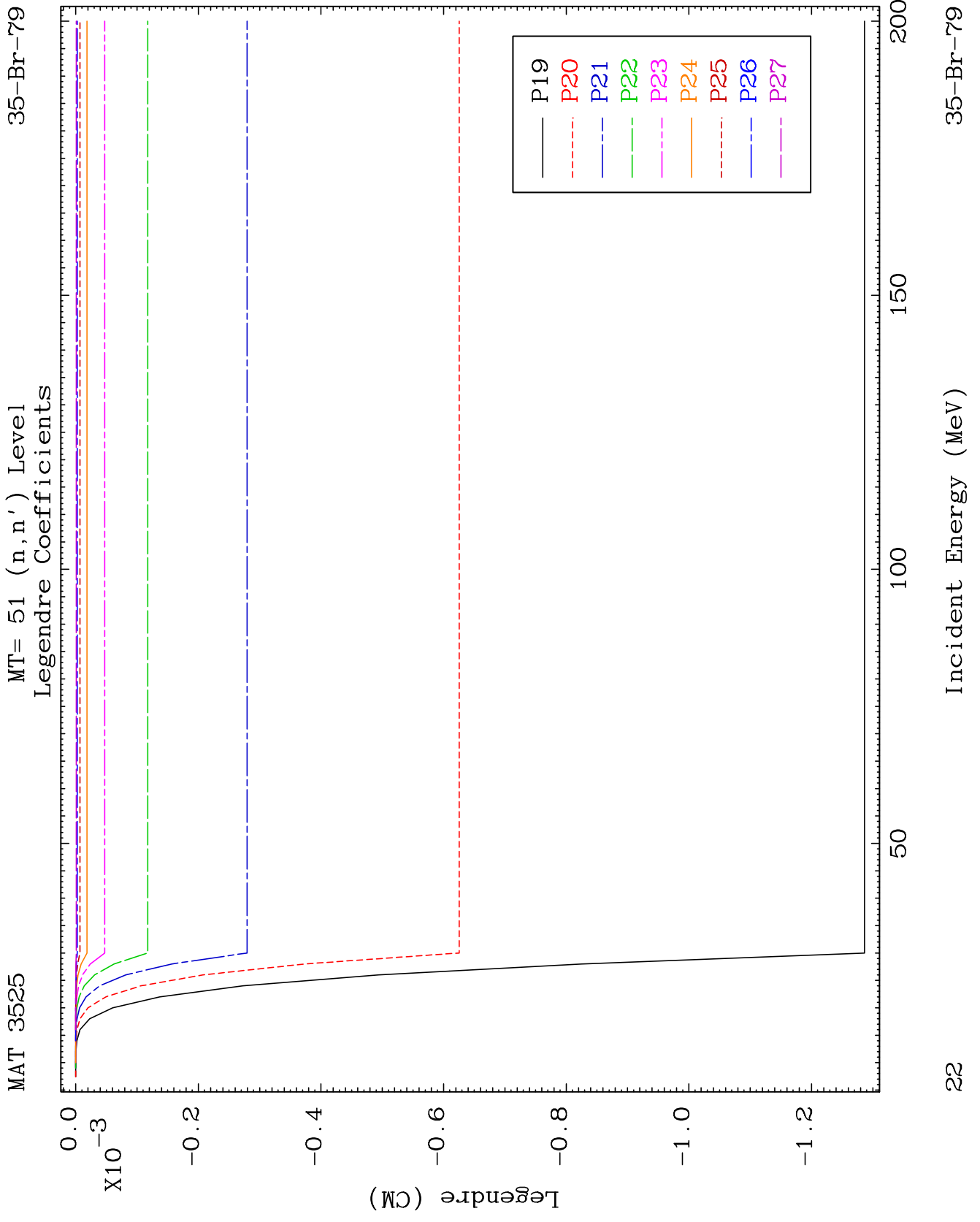


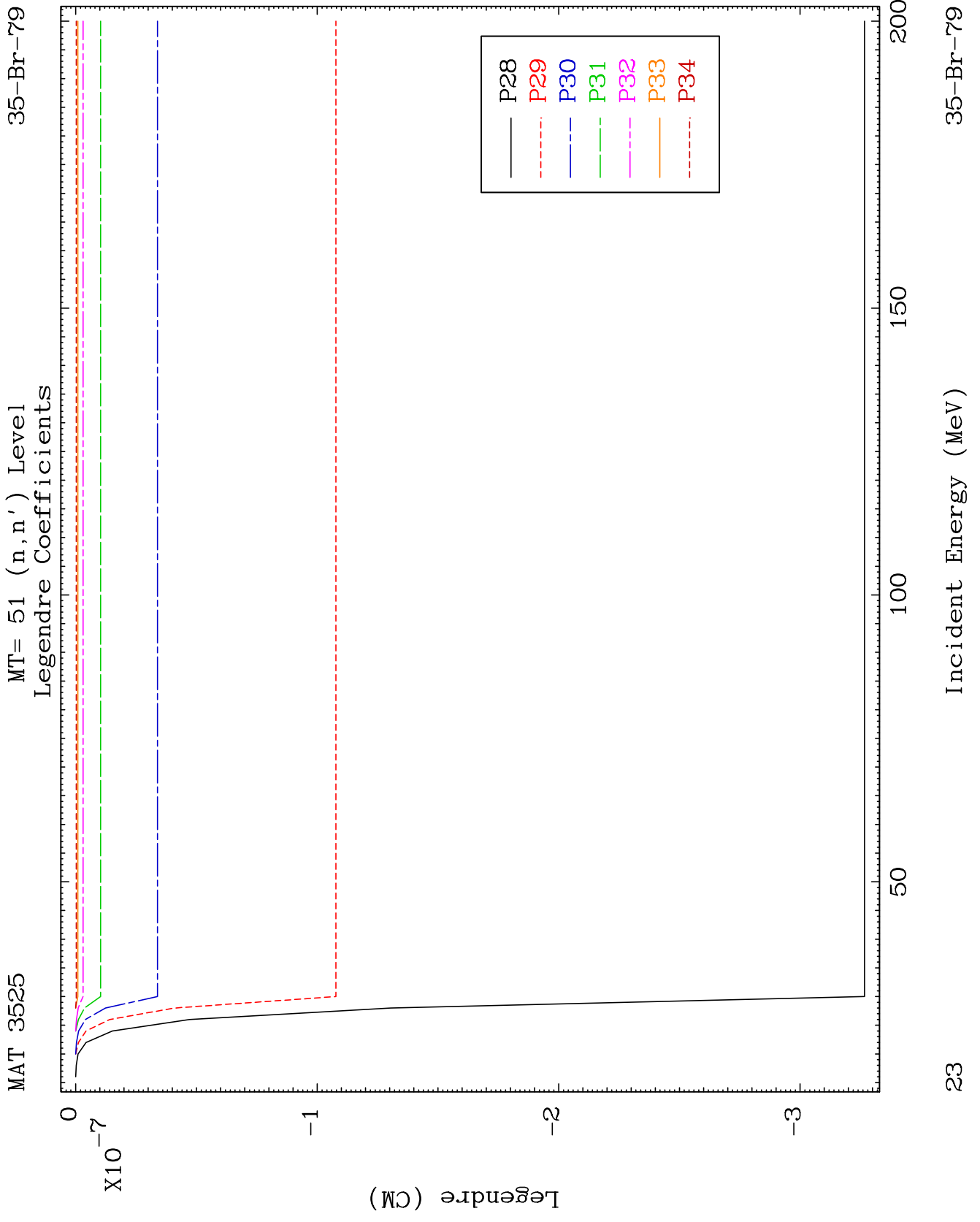
35-Br-79

Incident Energy (MeV)

20



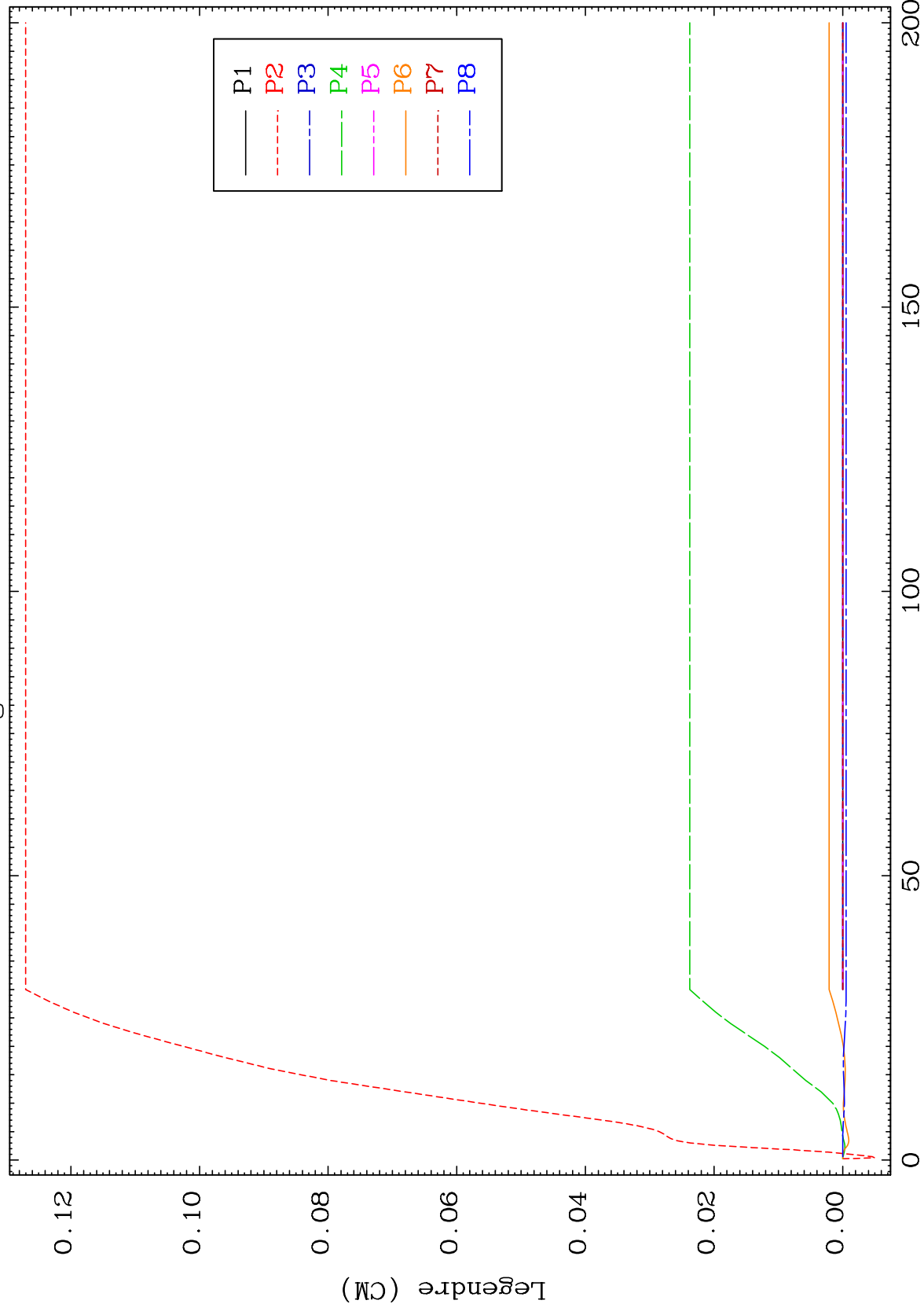




MAT 3525

MT= 52 (n,n') Level
Legendre Coefficients

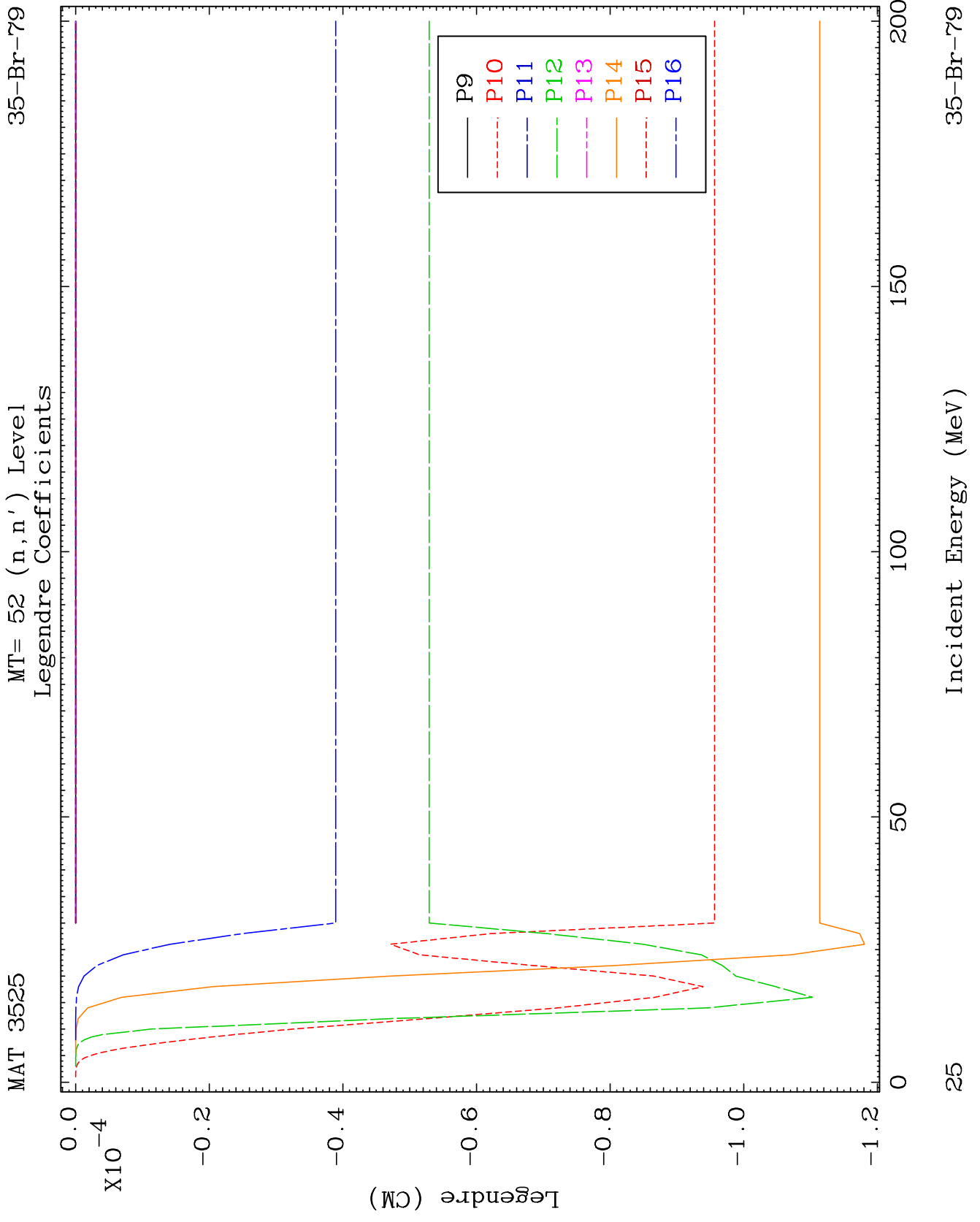
35-Br-79

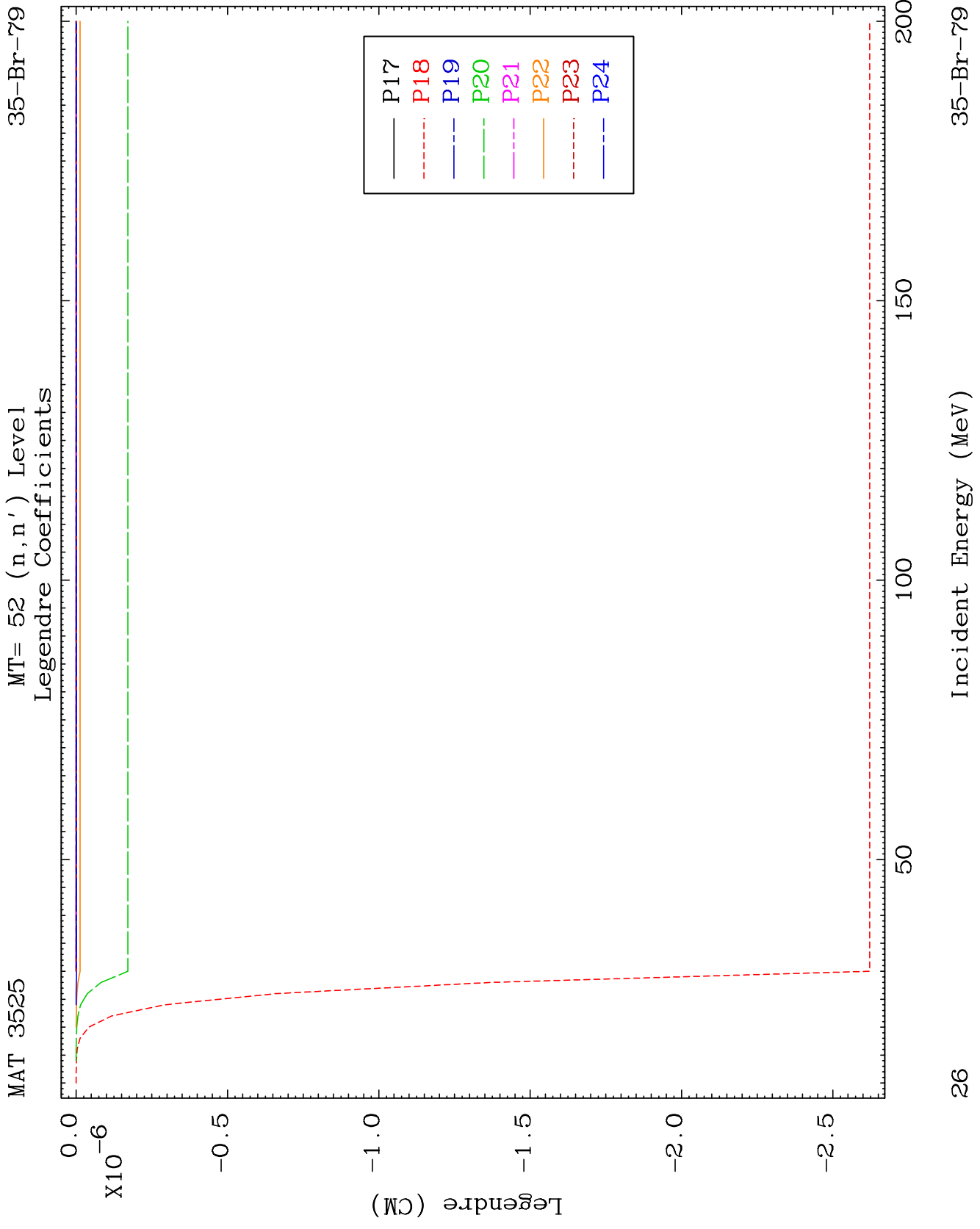


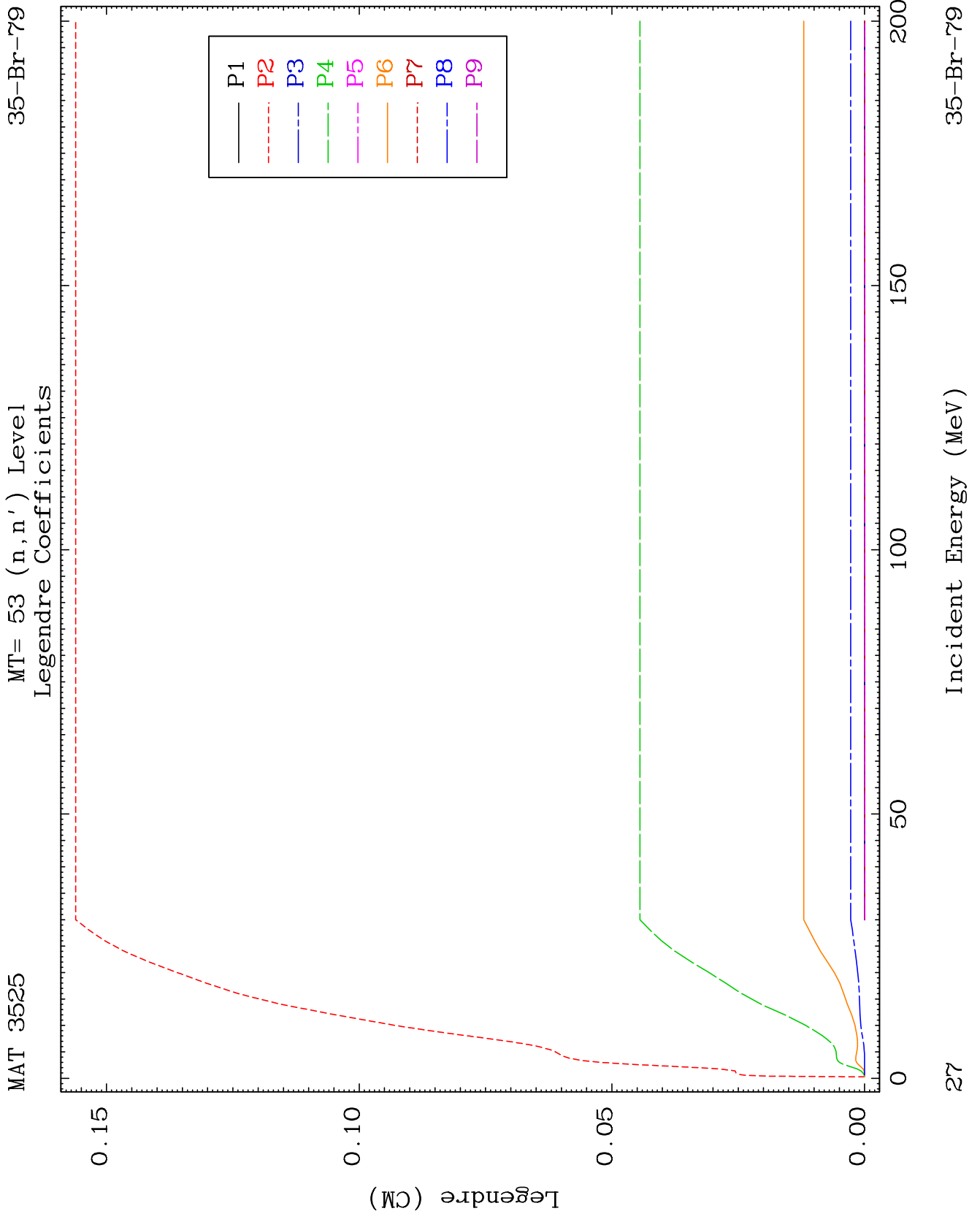
24

Incident Energy (MeV)

35-Br-79



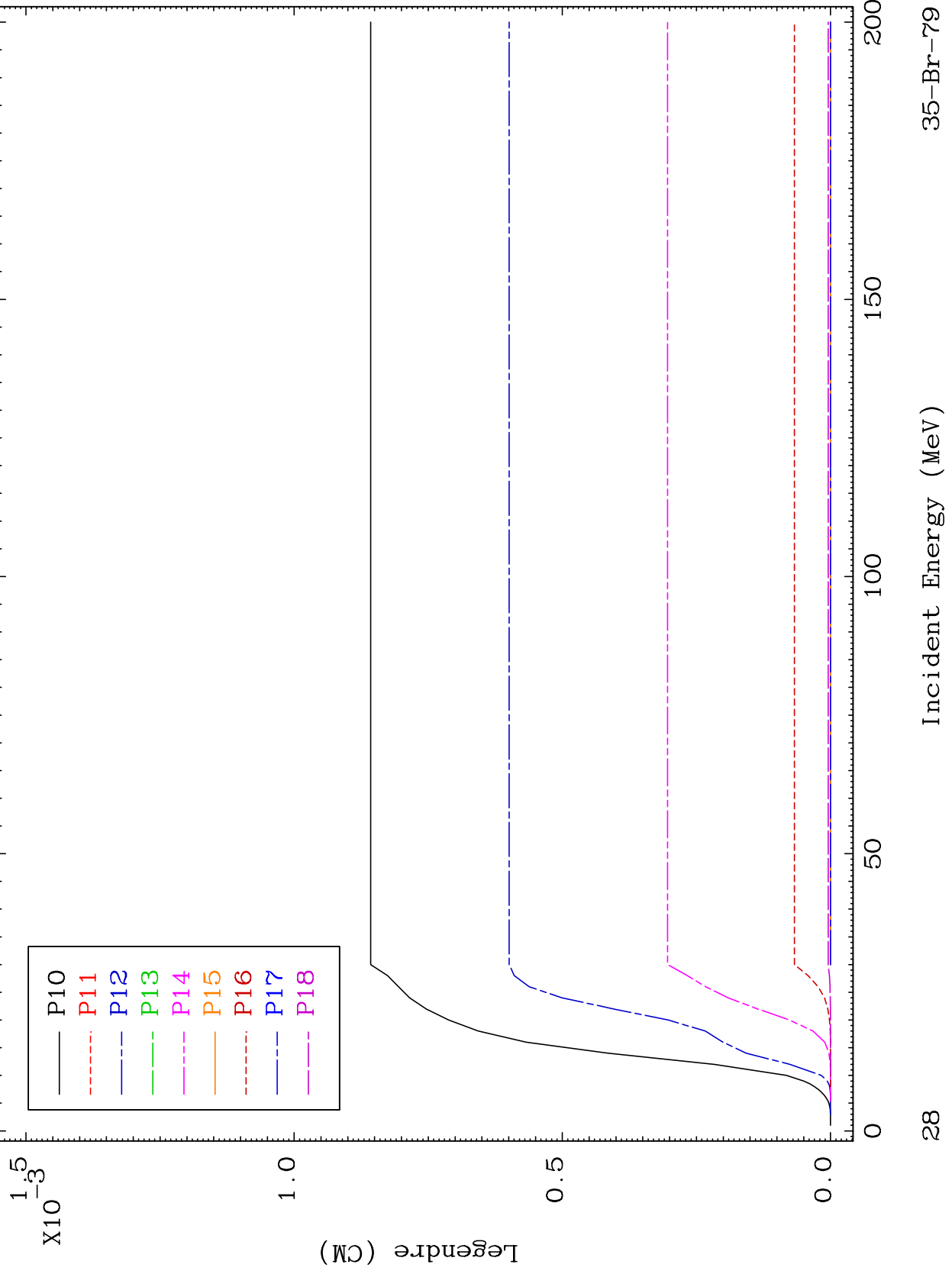




MAT 3525

MT= 53 (n,n') Level
Legendre Coefficients

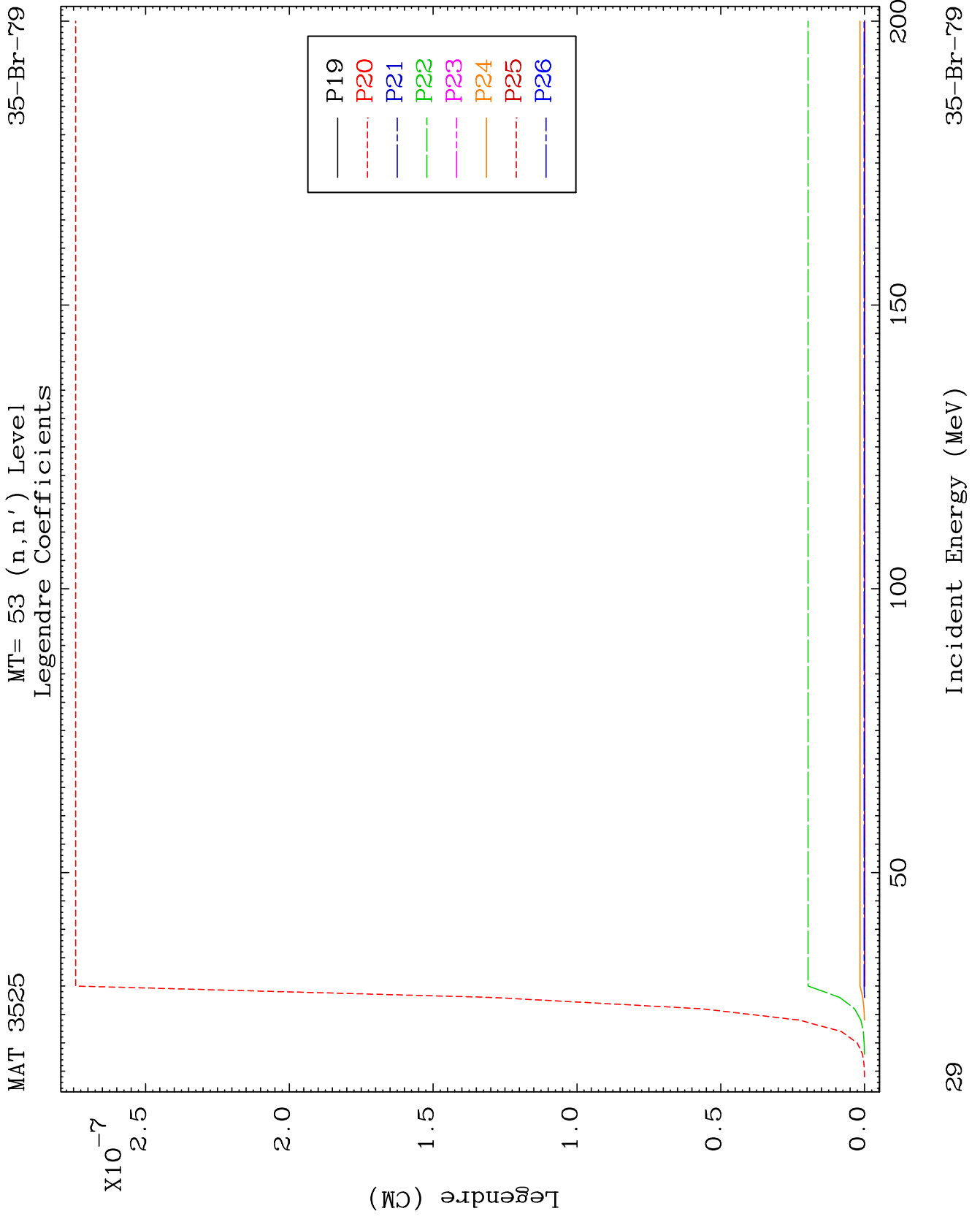
35-Br-79

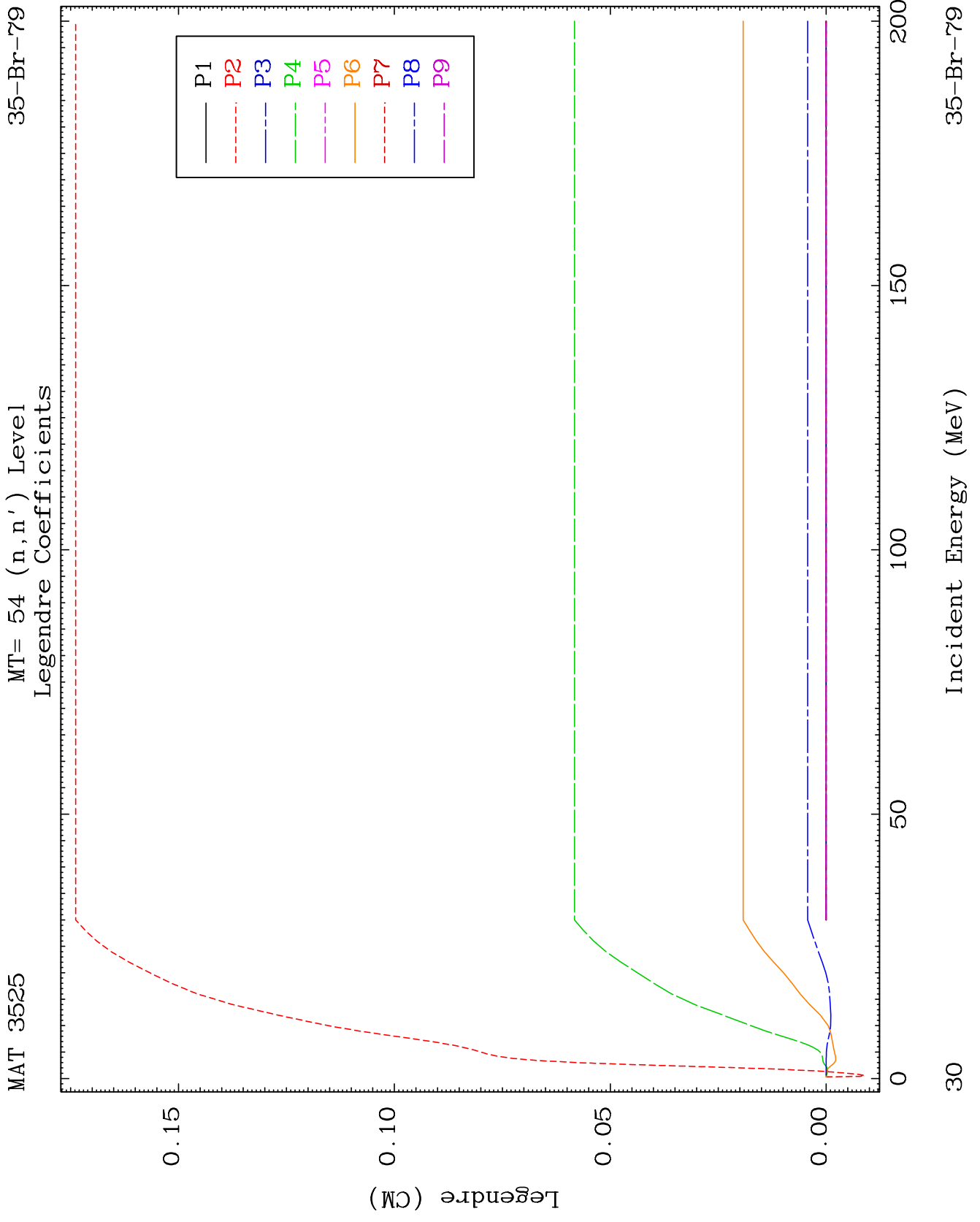


28

Incident Energy (MeV)

35-Br-79

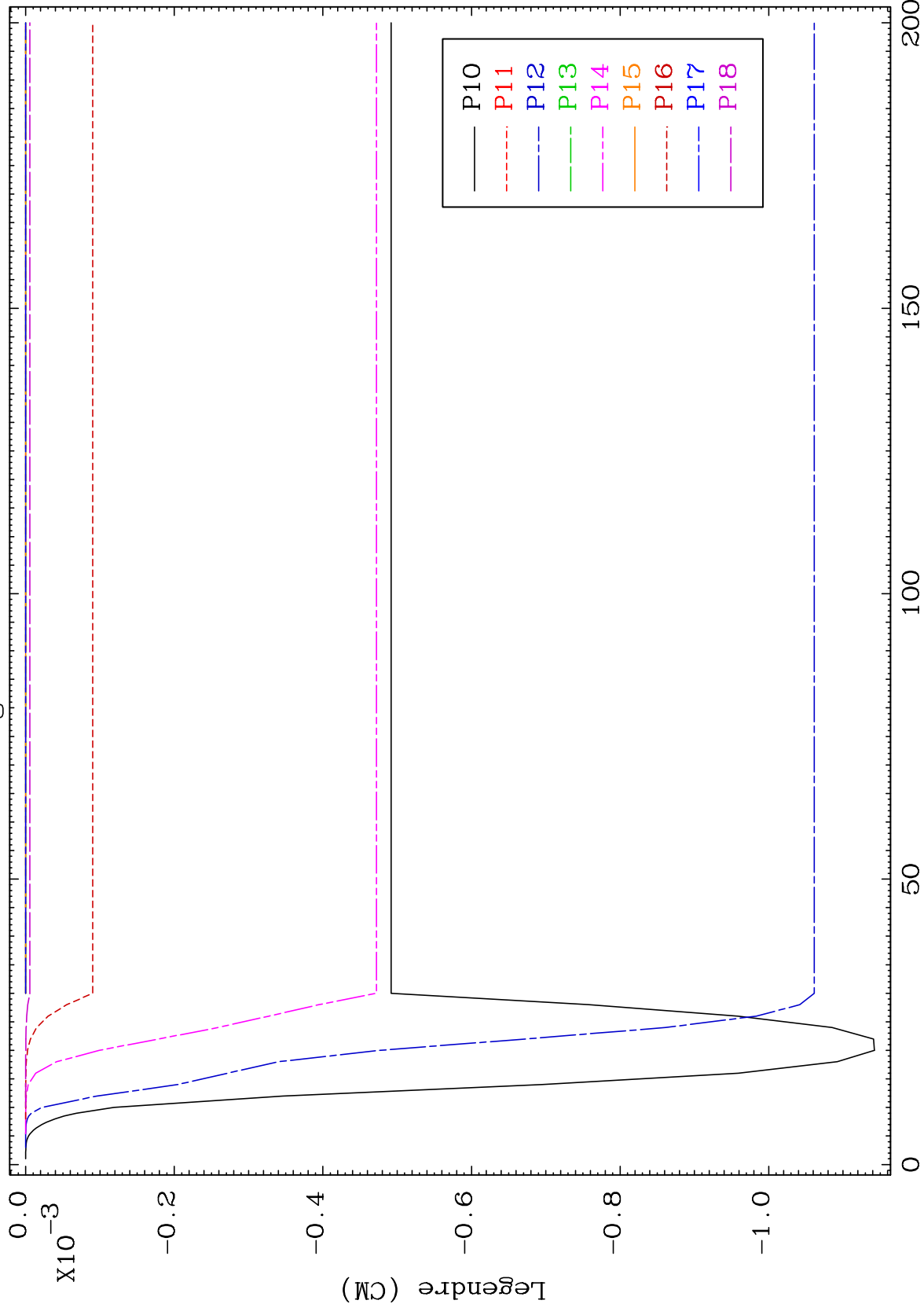




MAT 3525

MT= 54 (n,n') Level
Legendre Coefficients

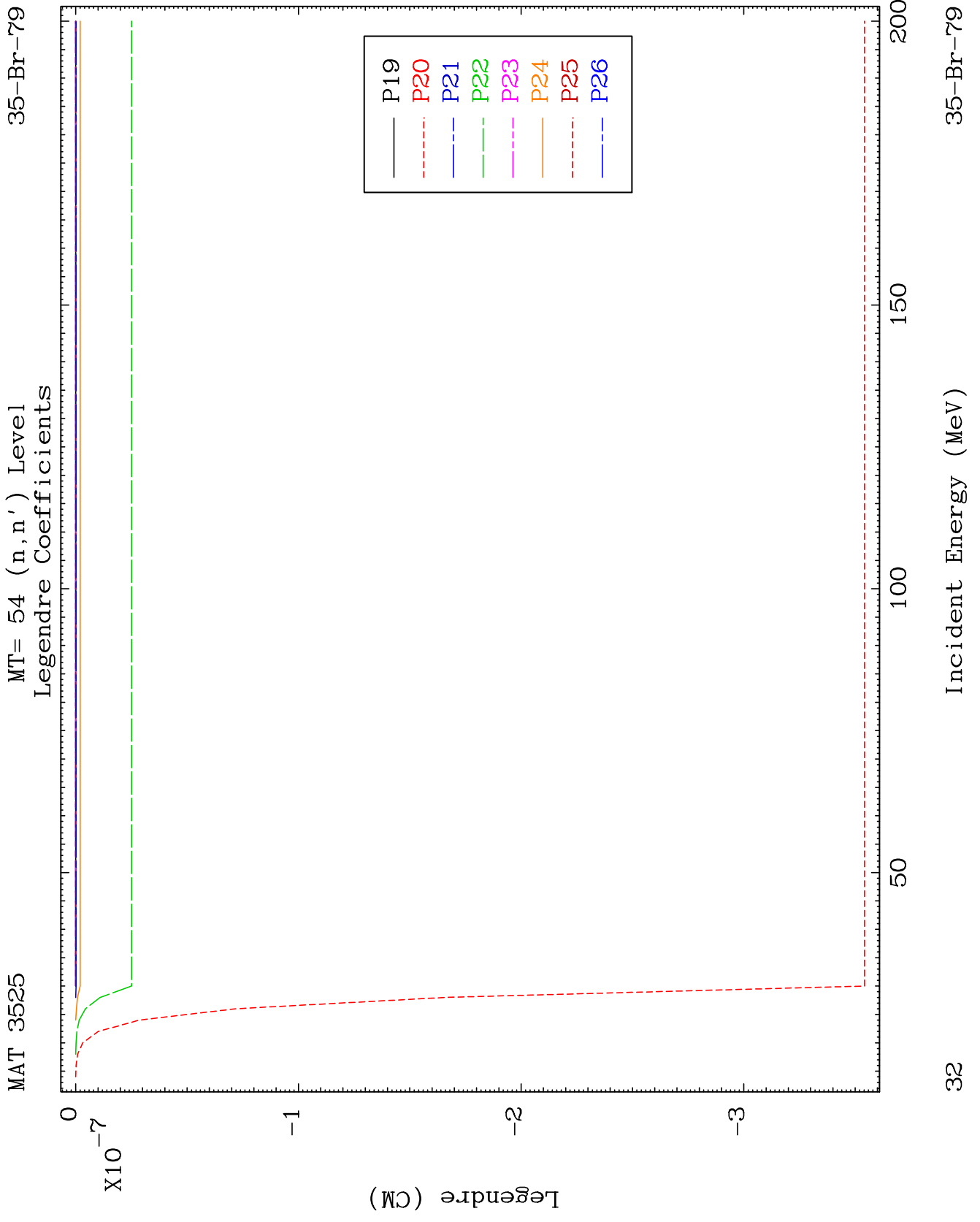
35-Br-79

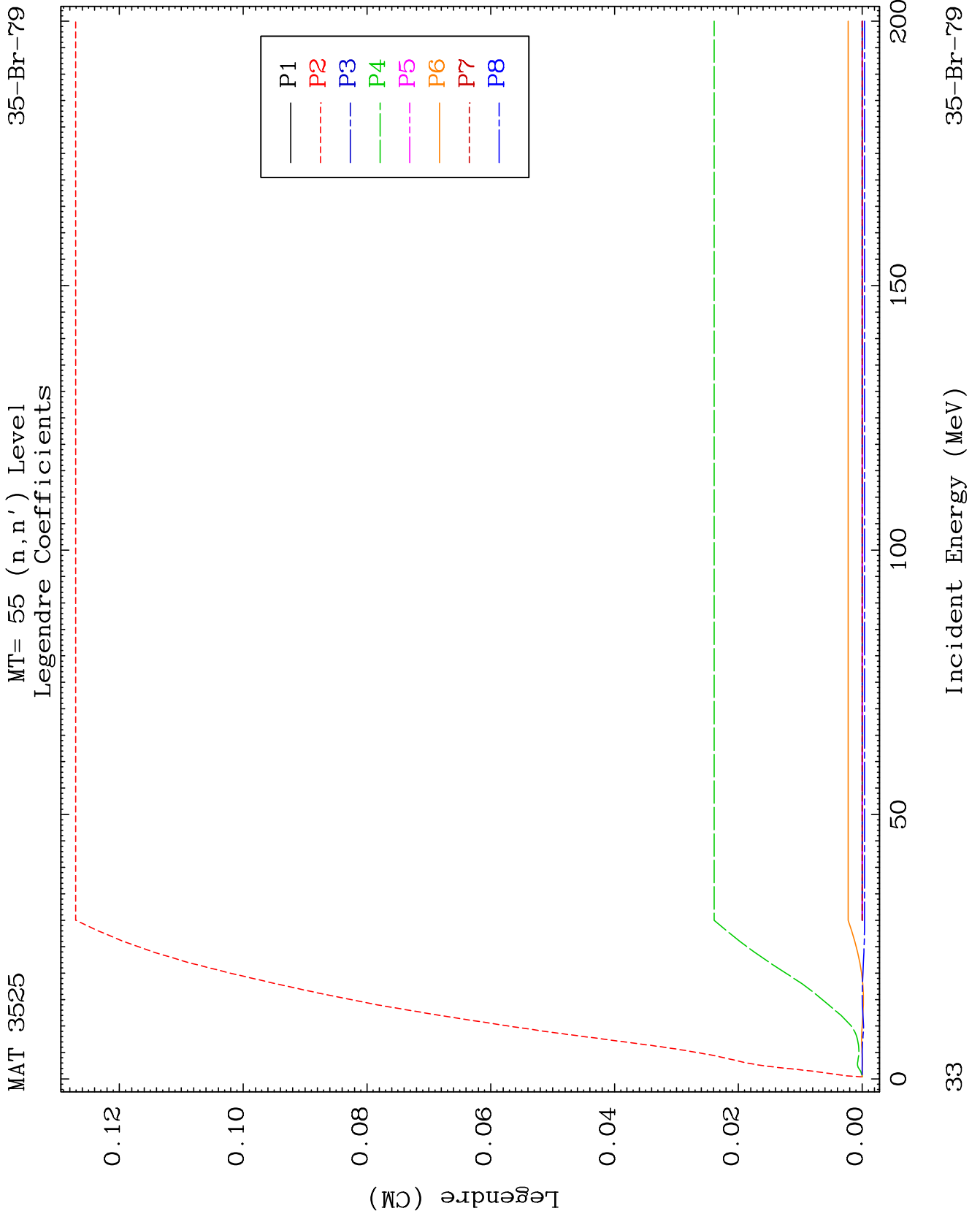


31

Incident Energy (MeV)

35-Br-79

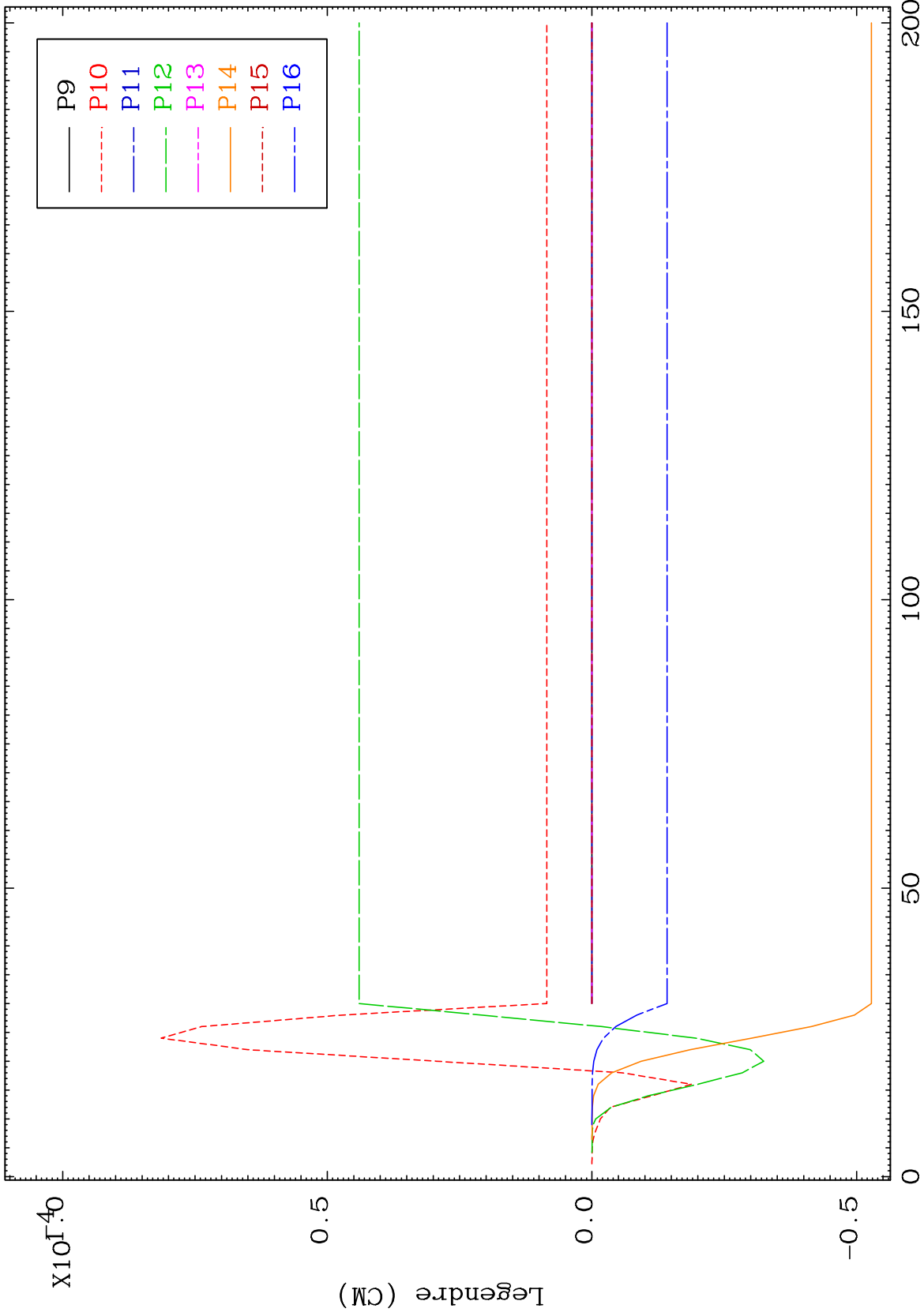




MAT 3525

MT= 55 (n,n') Level
Legendre Coefficients

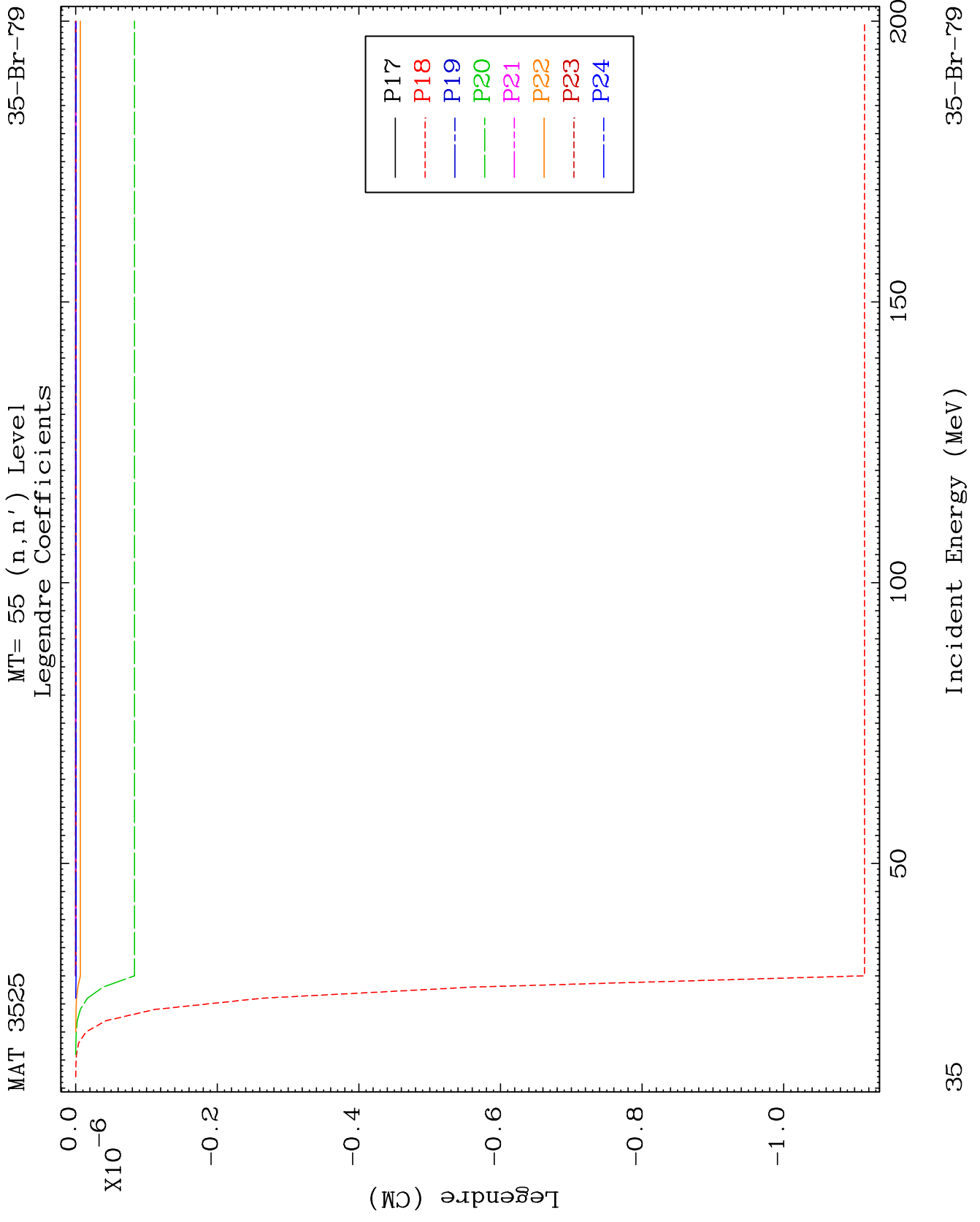
35-Br-79



34

Incident Energy (MeV)

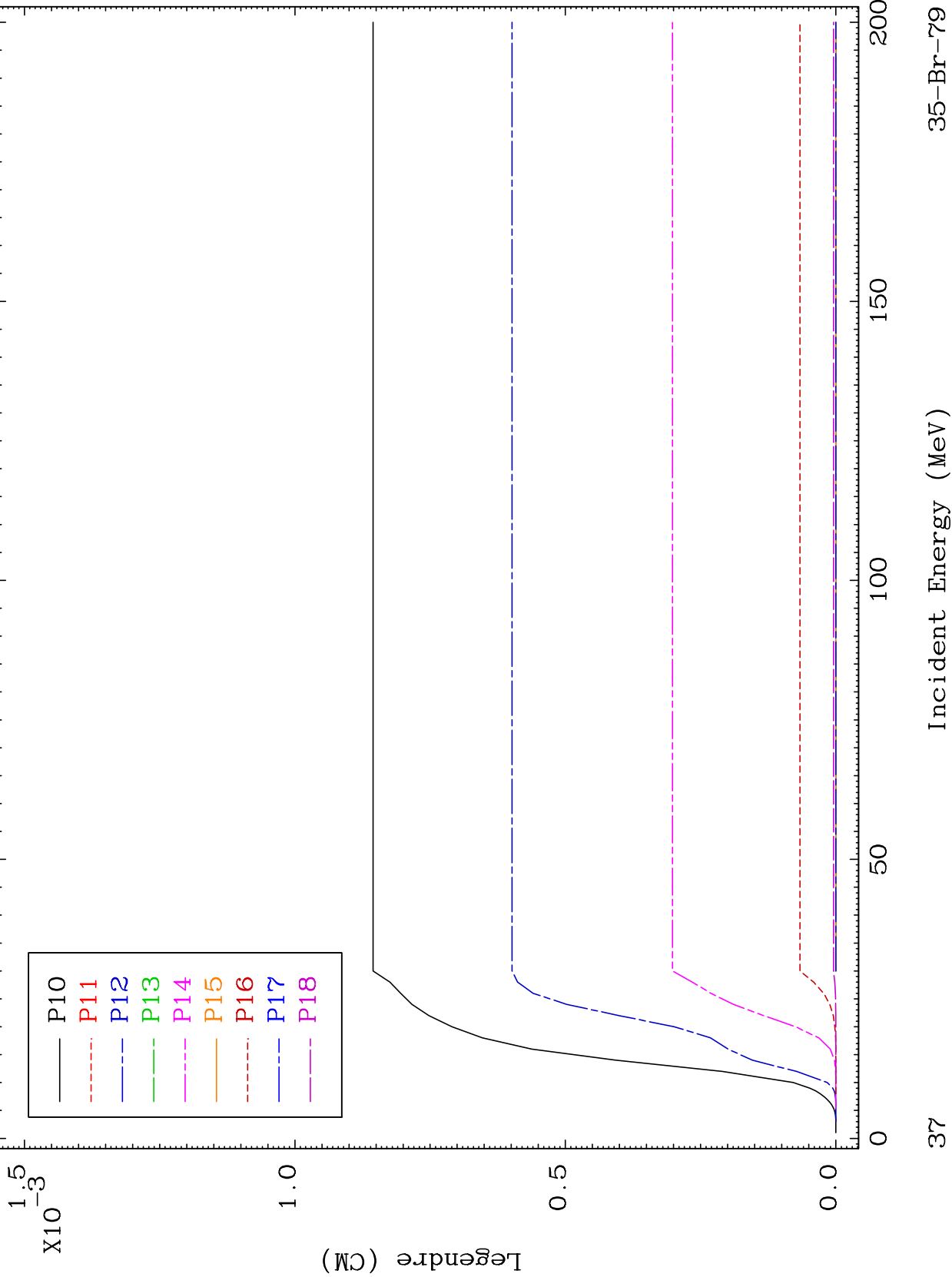
35-Br-79



MAT 3525

MT= 56 (n,n') Level
Legendre Coefficients

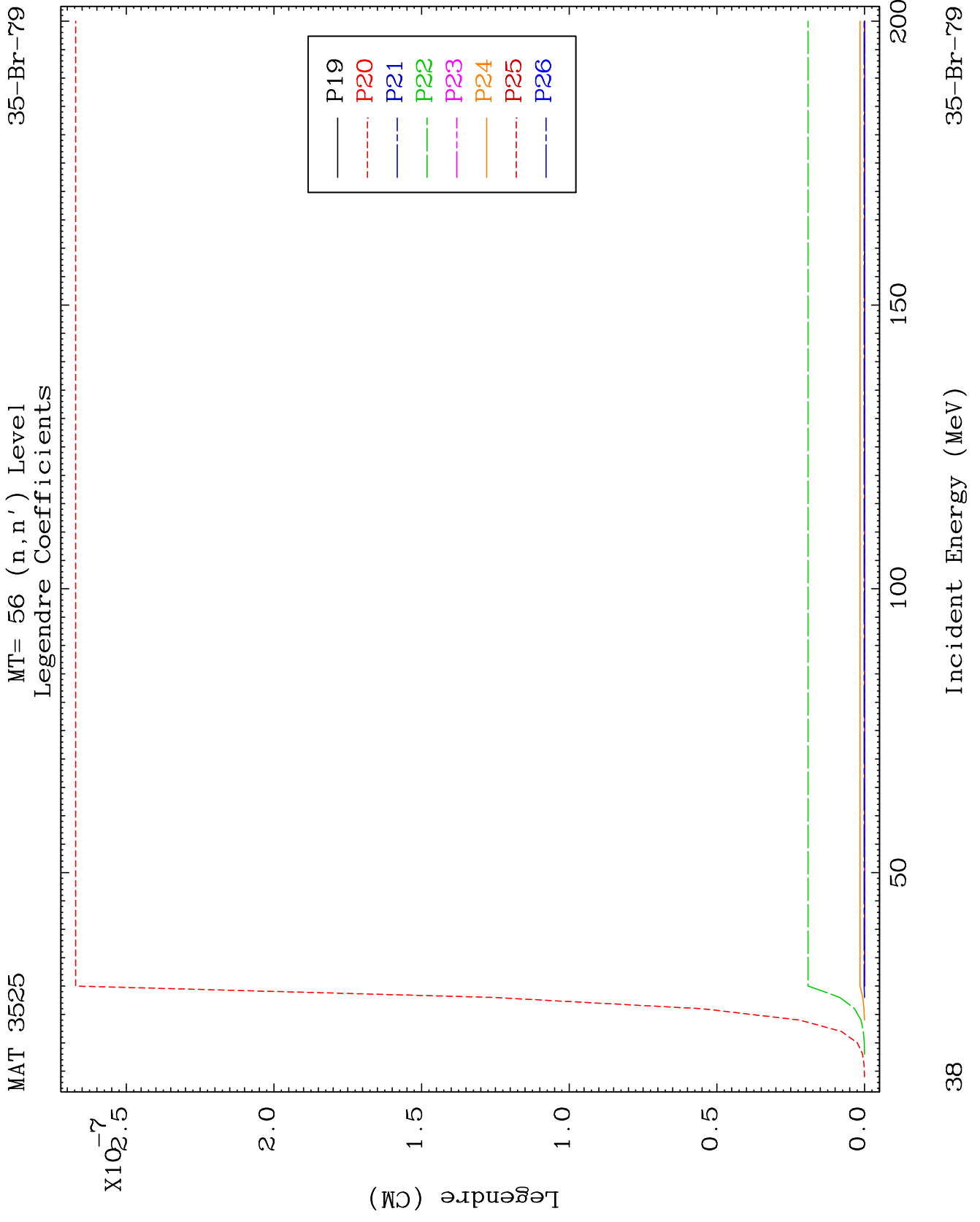
35-Br-79



37

Incident Energy (MeV)

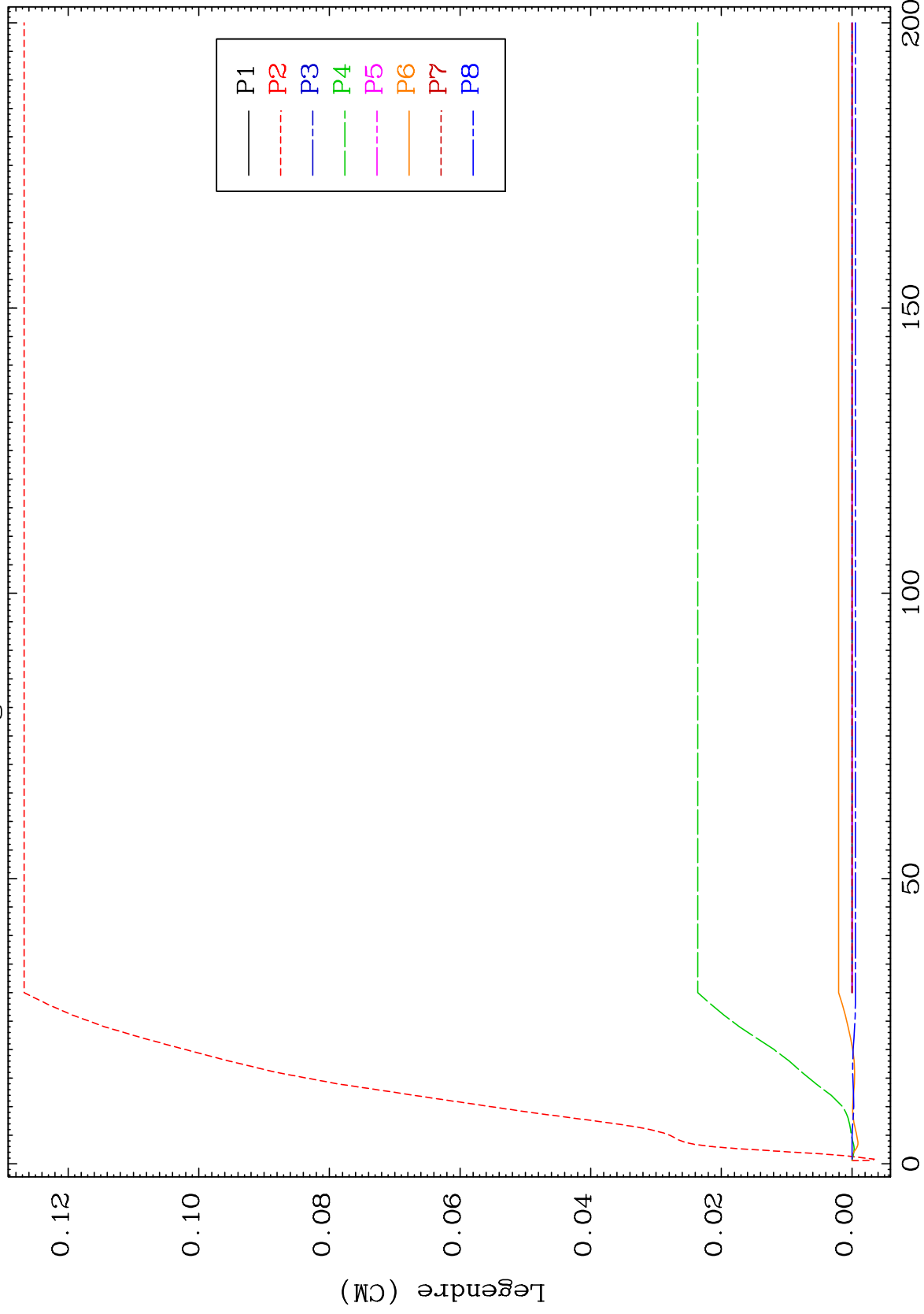
35-Br-79



MAT 3525

MT= 57 (n,n') Level
Legendre Coefficients

35-Br-79



39

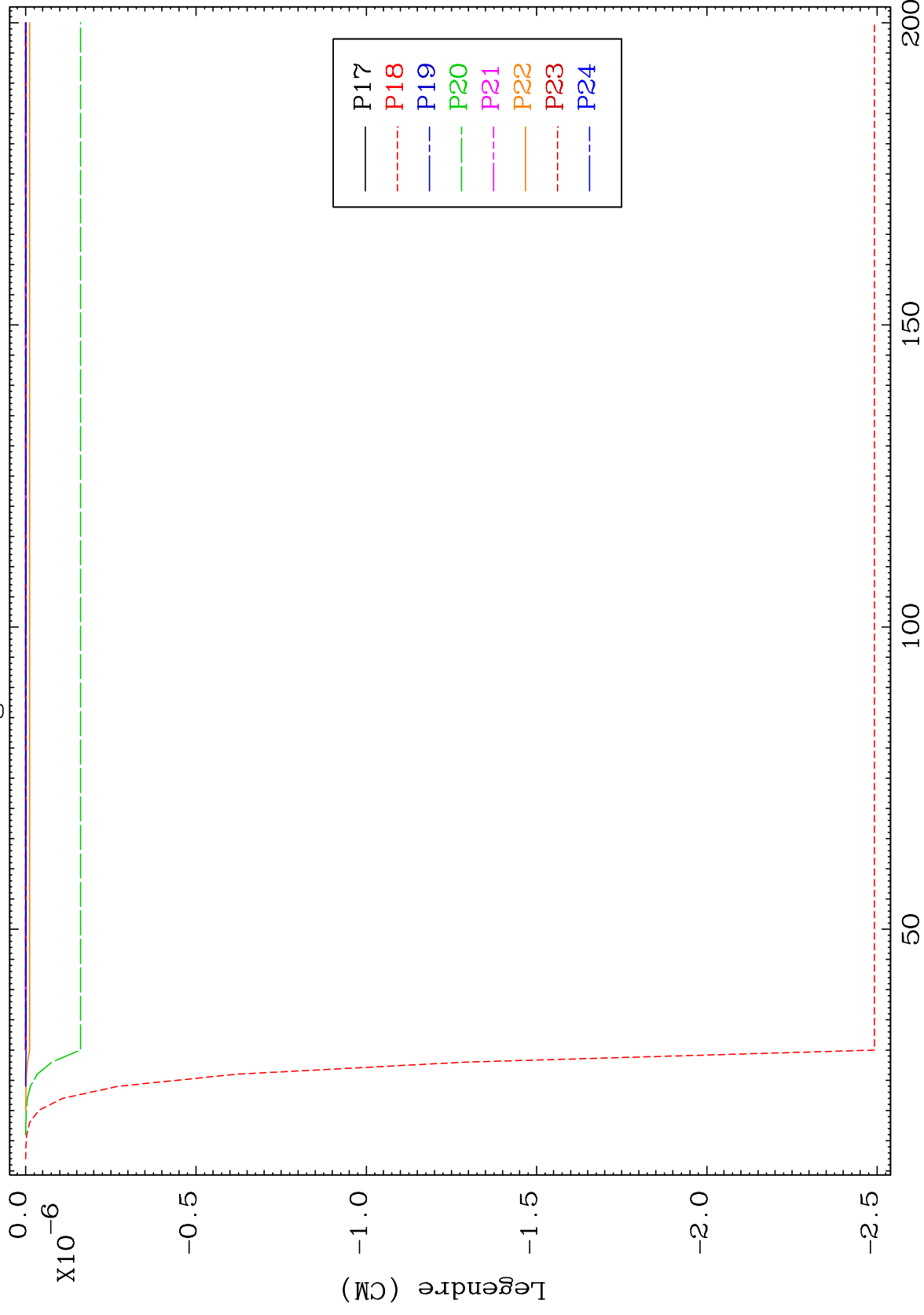
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 57 (n,n') Level
Legendre Coefficients

35-Br-79



35-Br-79

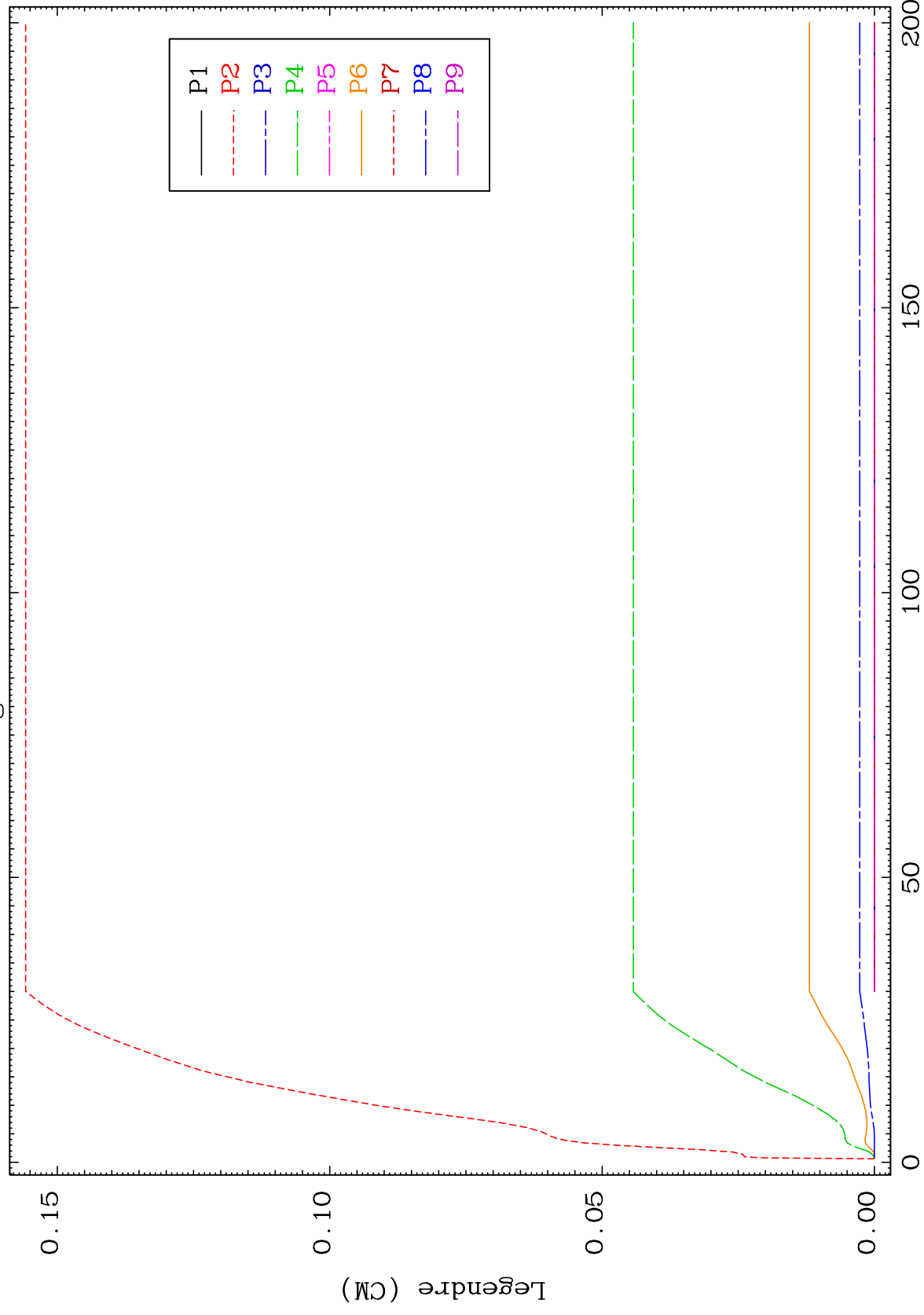
Incident Energy (MeV)

41

MAT 3525

MT= 58 (n,n') Level
Legendre Coefficients

35-Br-79



35-Br-79

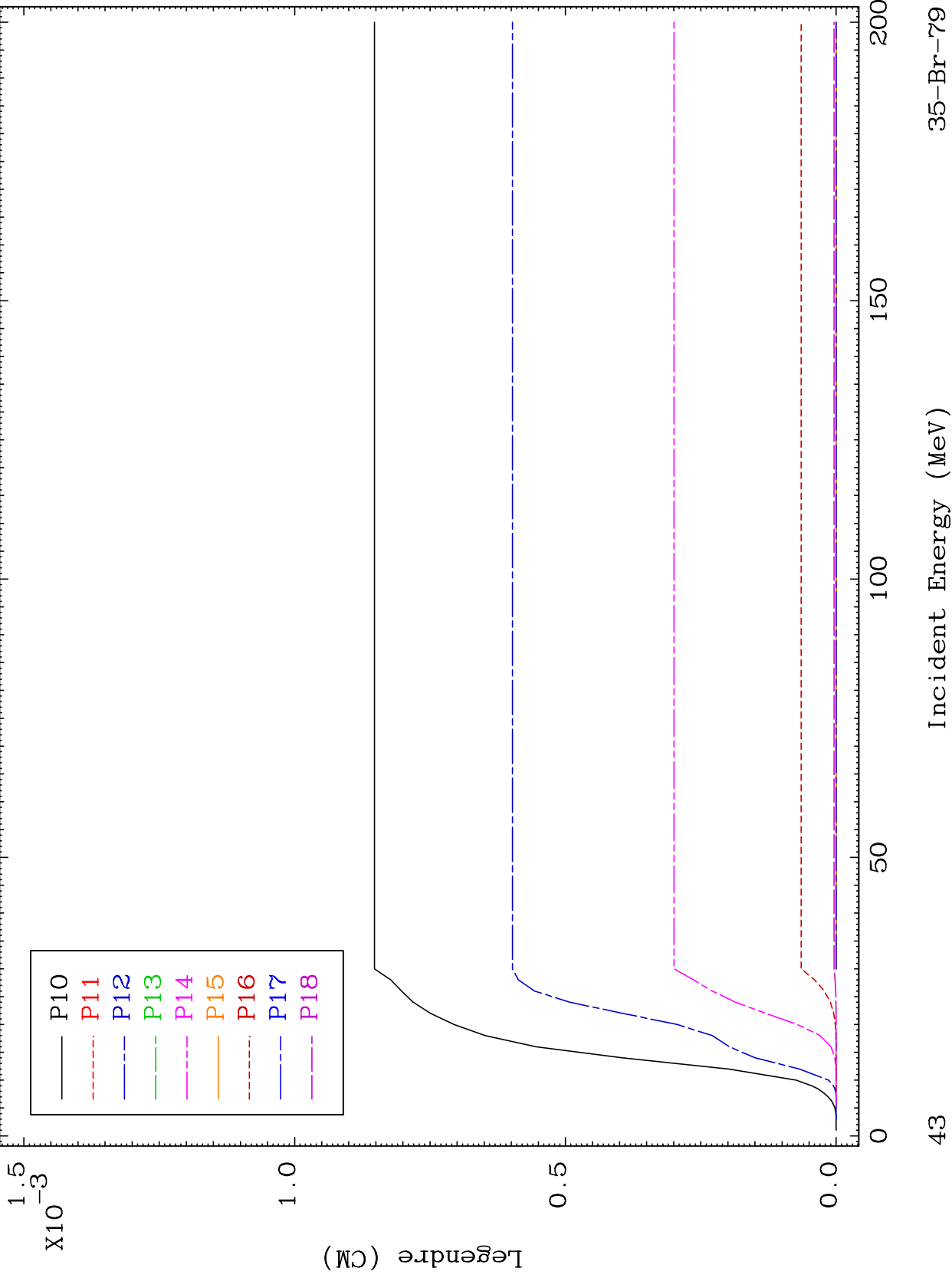
Incident Energy (MeV)

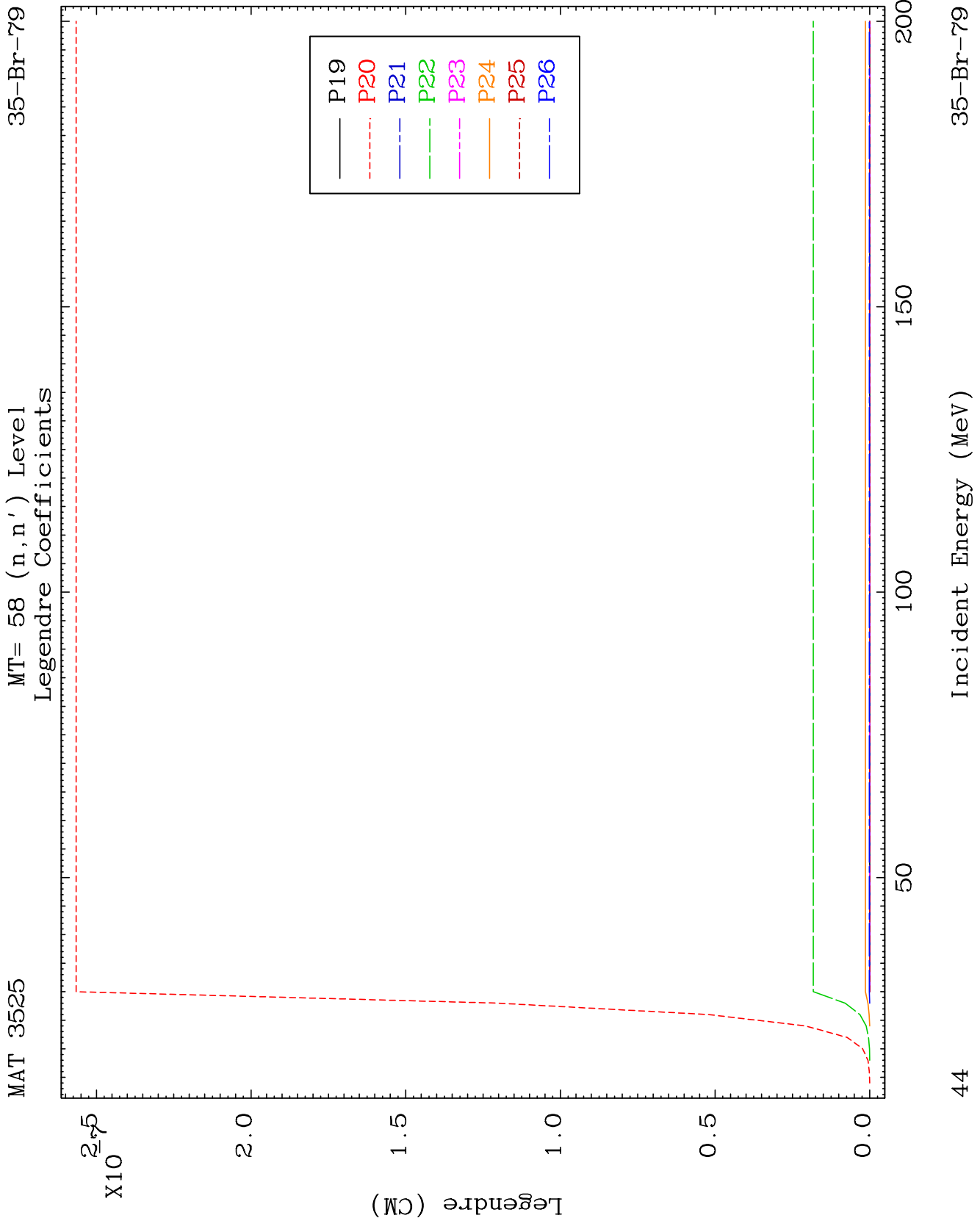
42

MAT 3525

MT= 58 (n,n') Level
Legendre Coefficients

35-Br-79

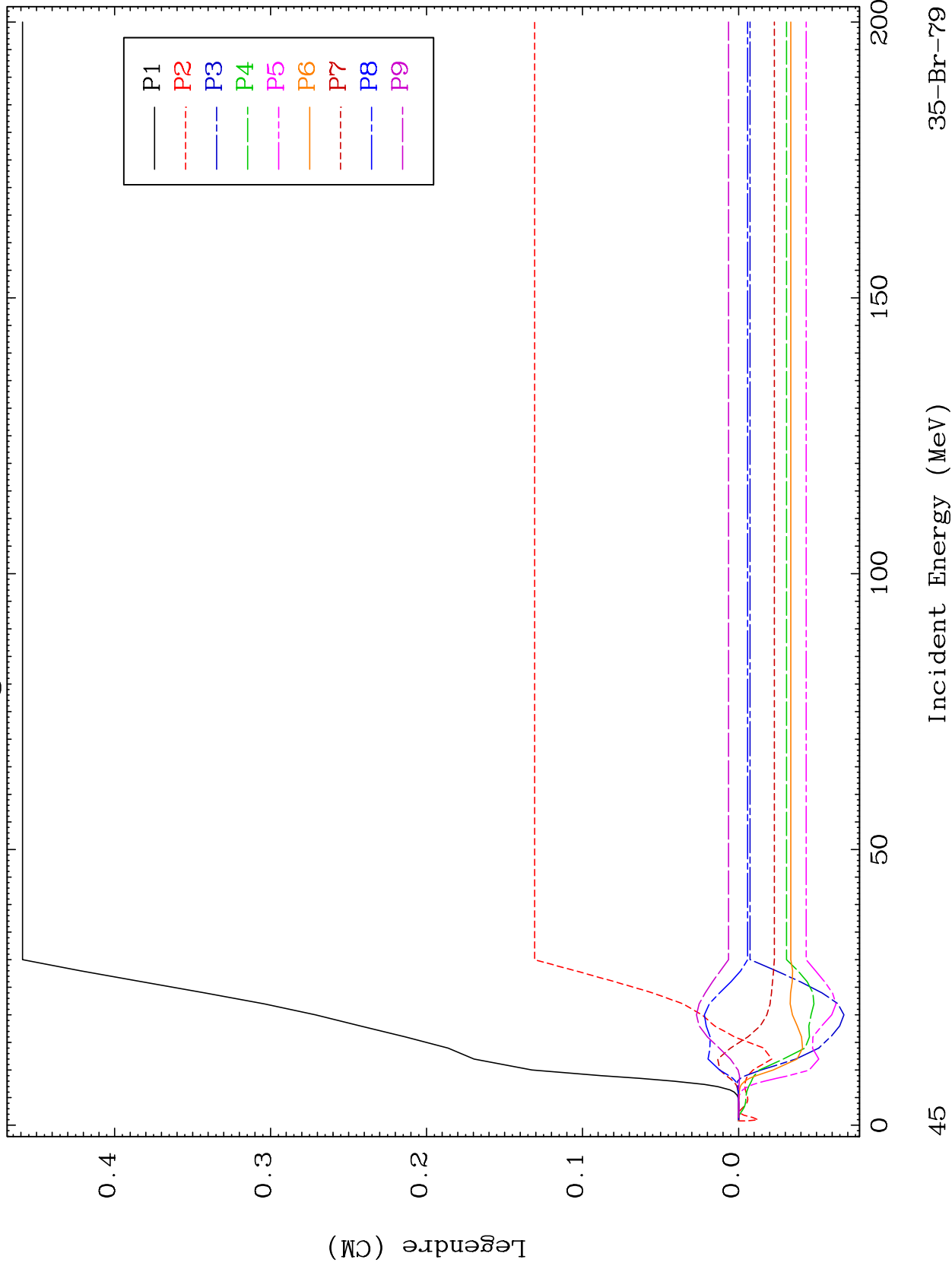




MAT 3525

MT= 59 (n,n') Level
Legendre Coefficients

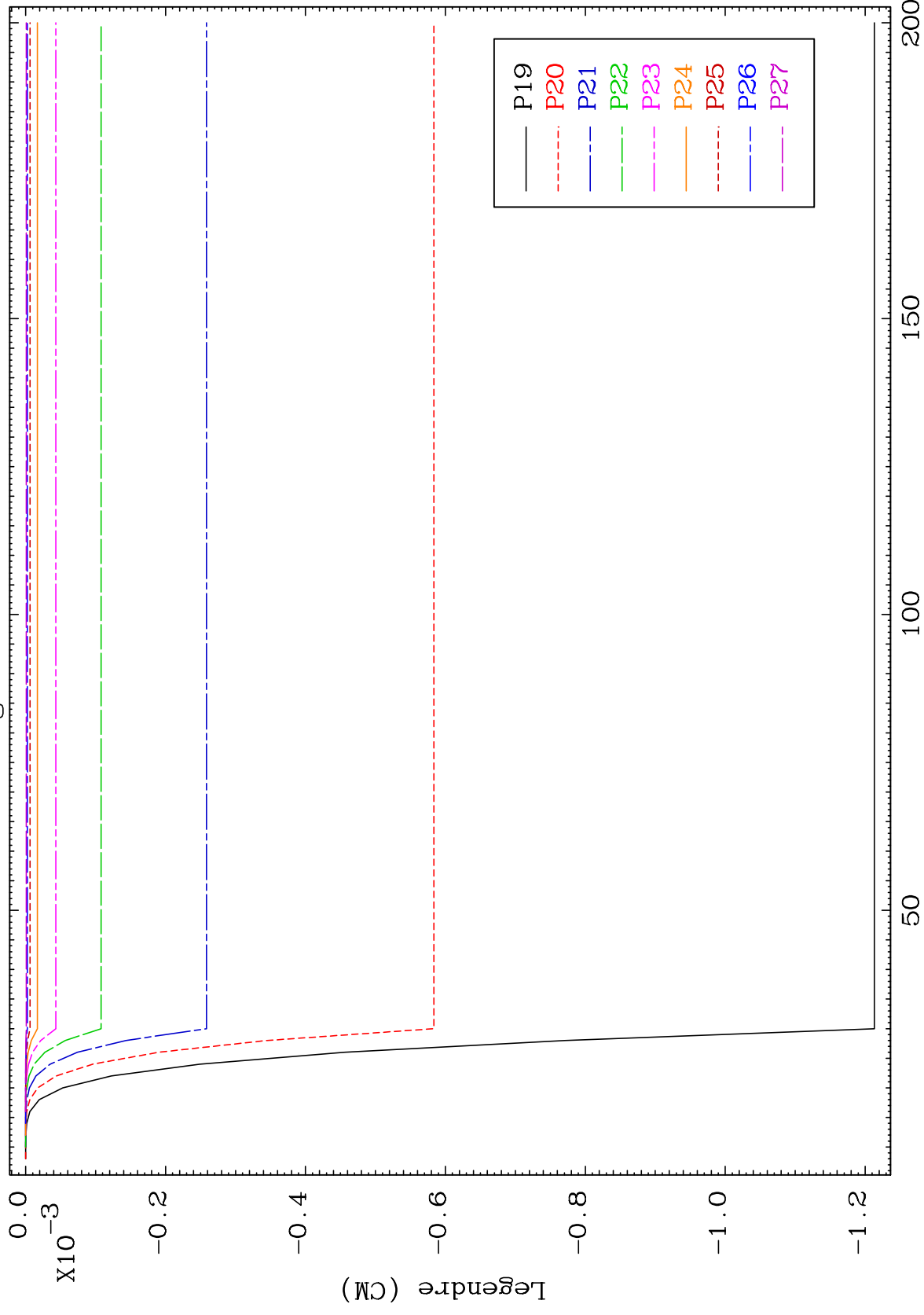
35-Br-79

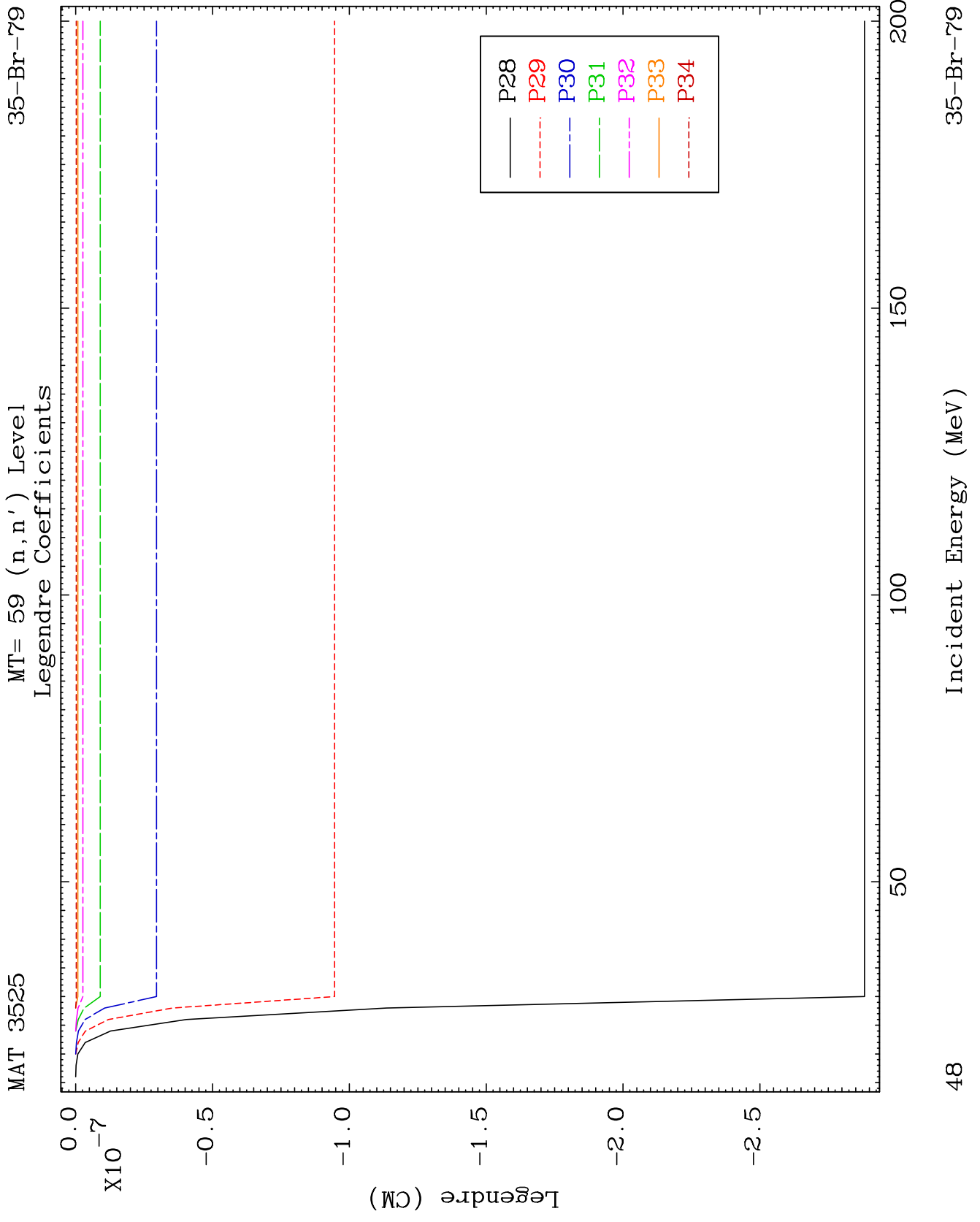


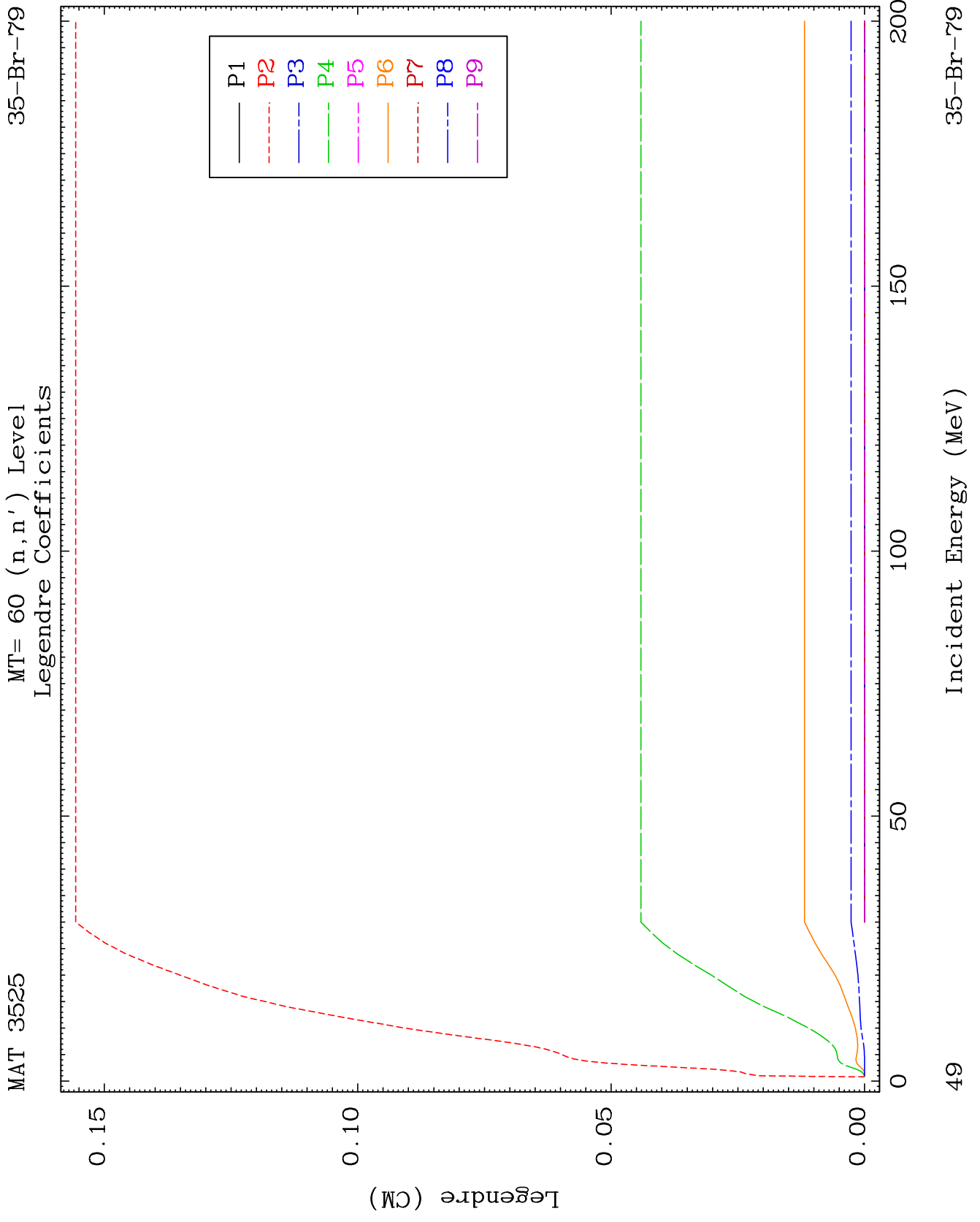
35-Br-79

Incident Energy (MeV)

45



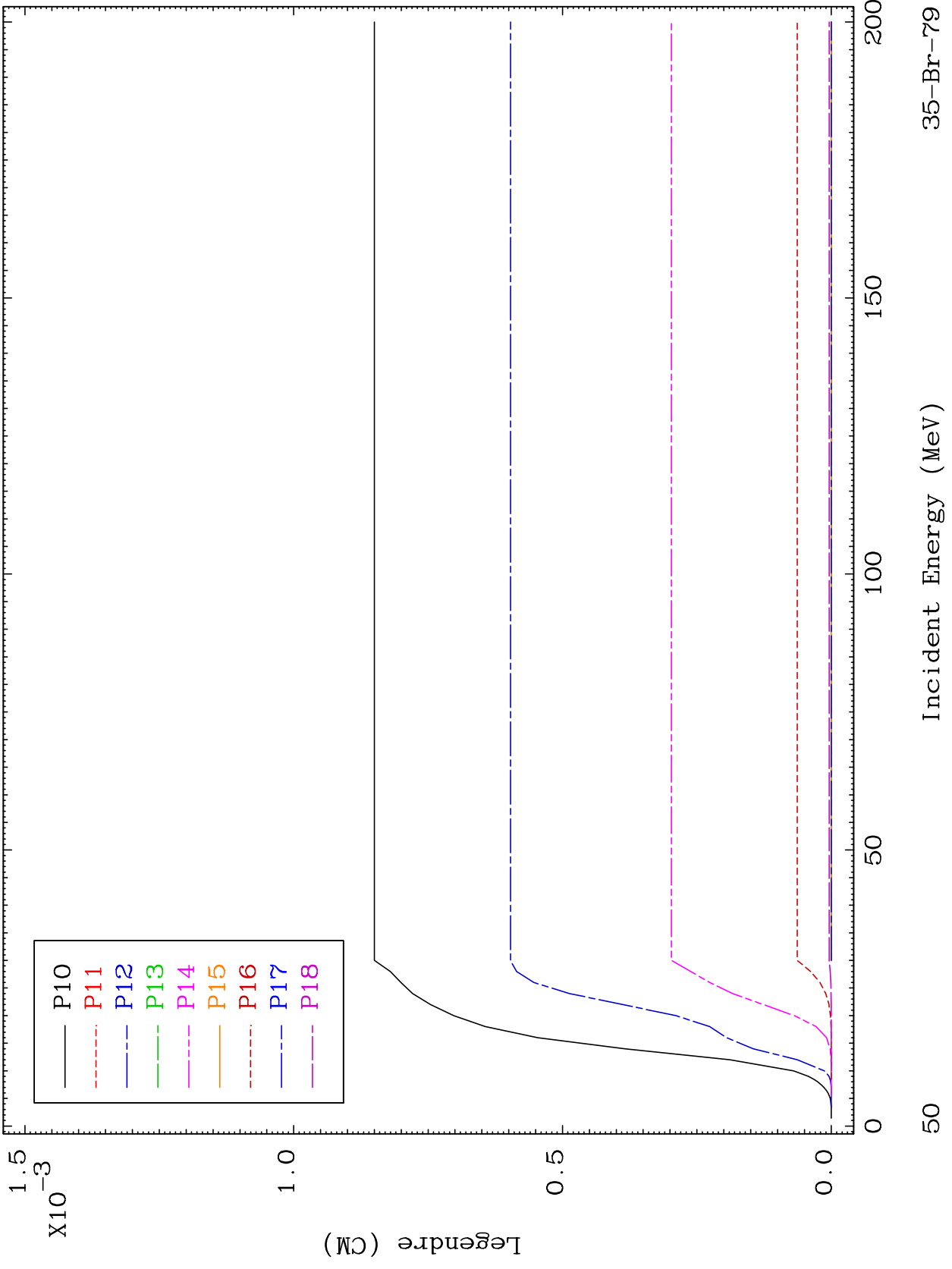


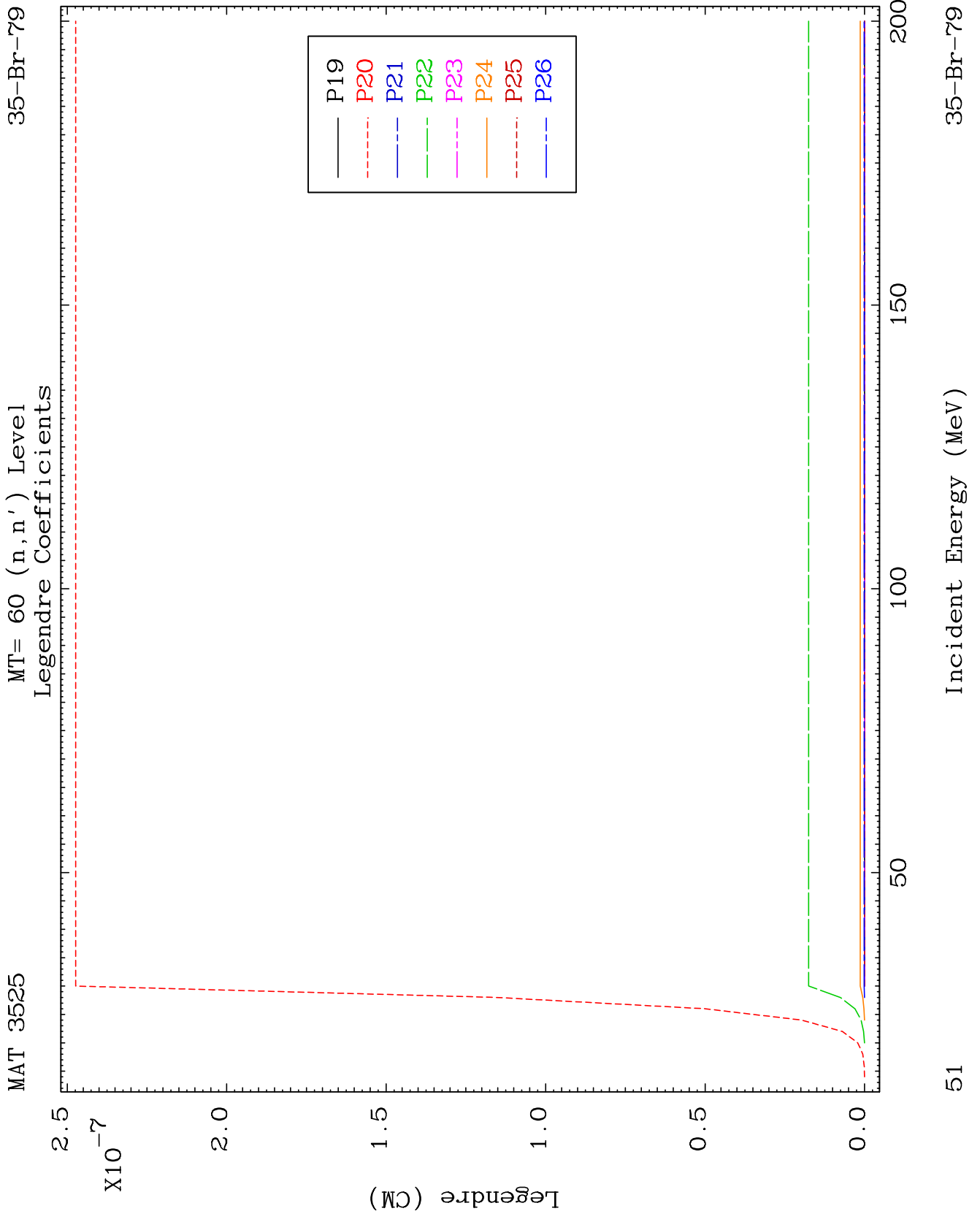


MAT 3525

MT= 60 (n,n') Level
Legendre Coefficients

35-Br-79

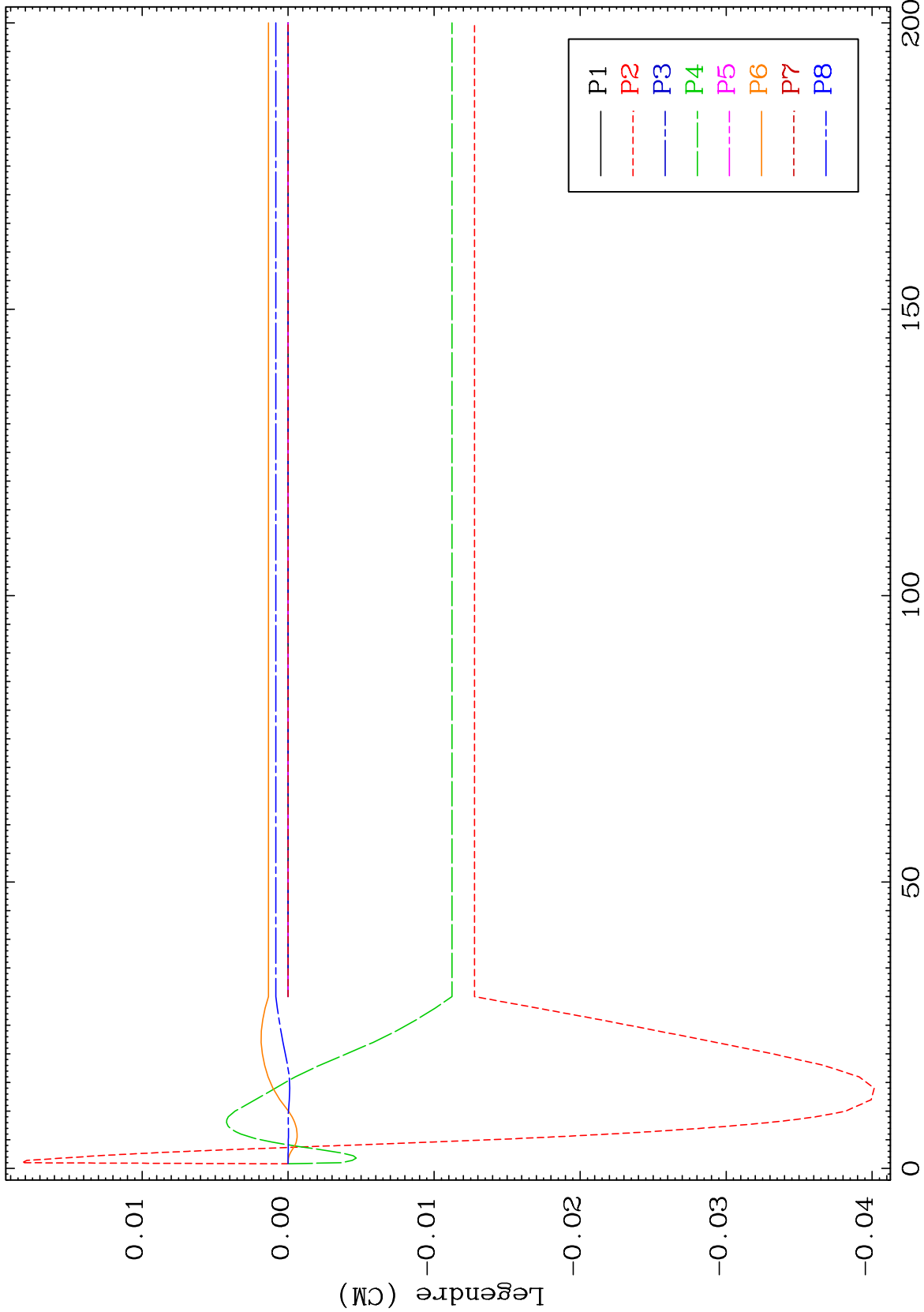




MAT 3525

MT= 61 (n,n') Level
Legendre Coefficients

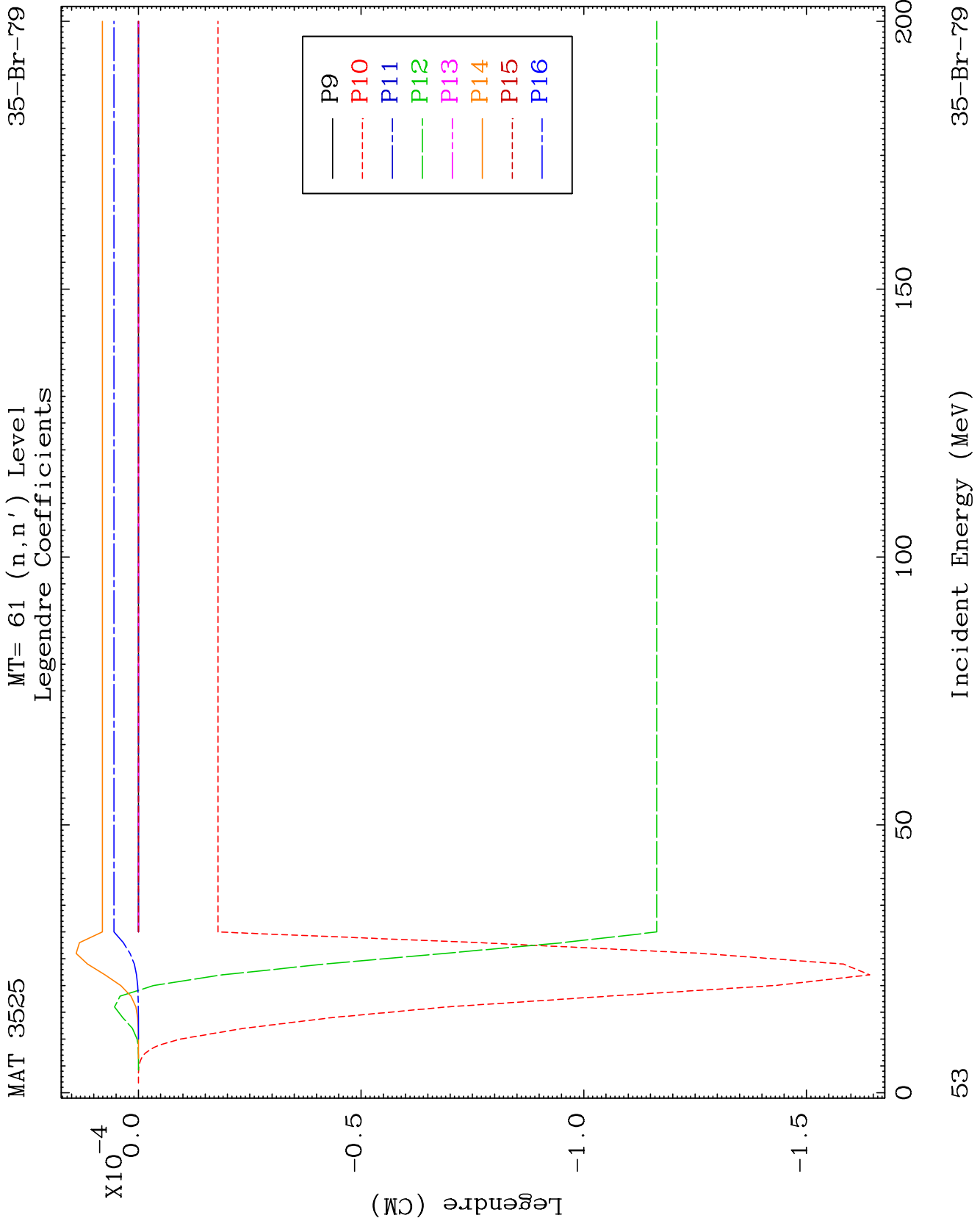
35-Br-79

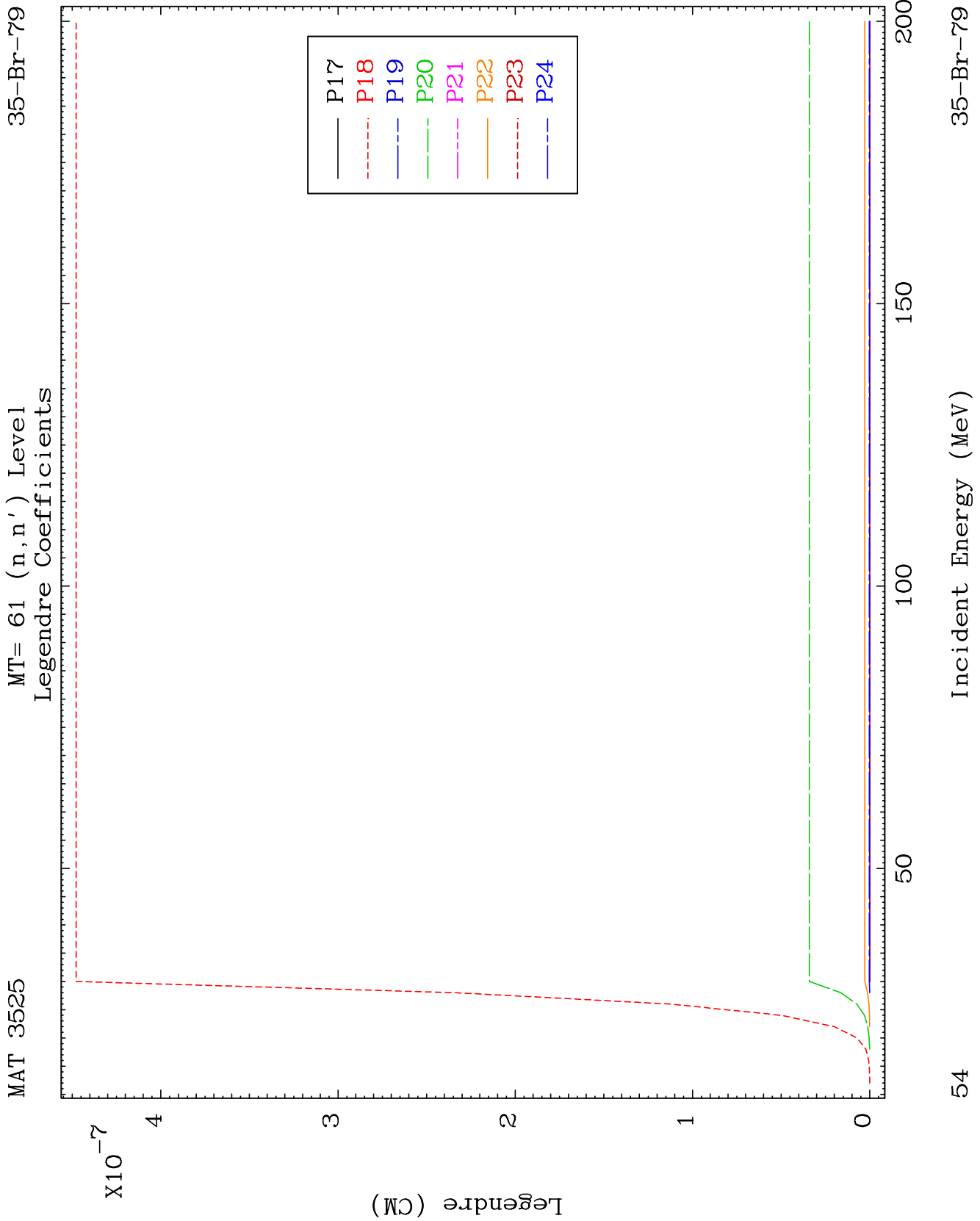


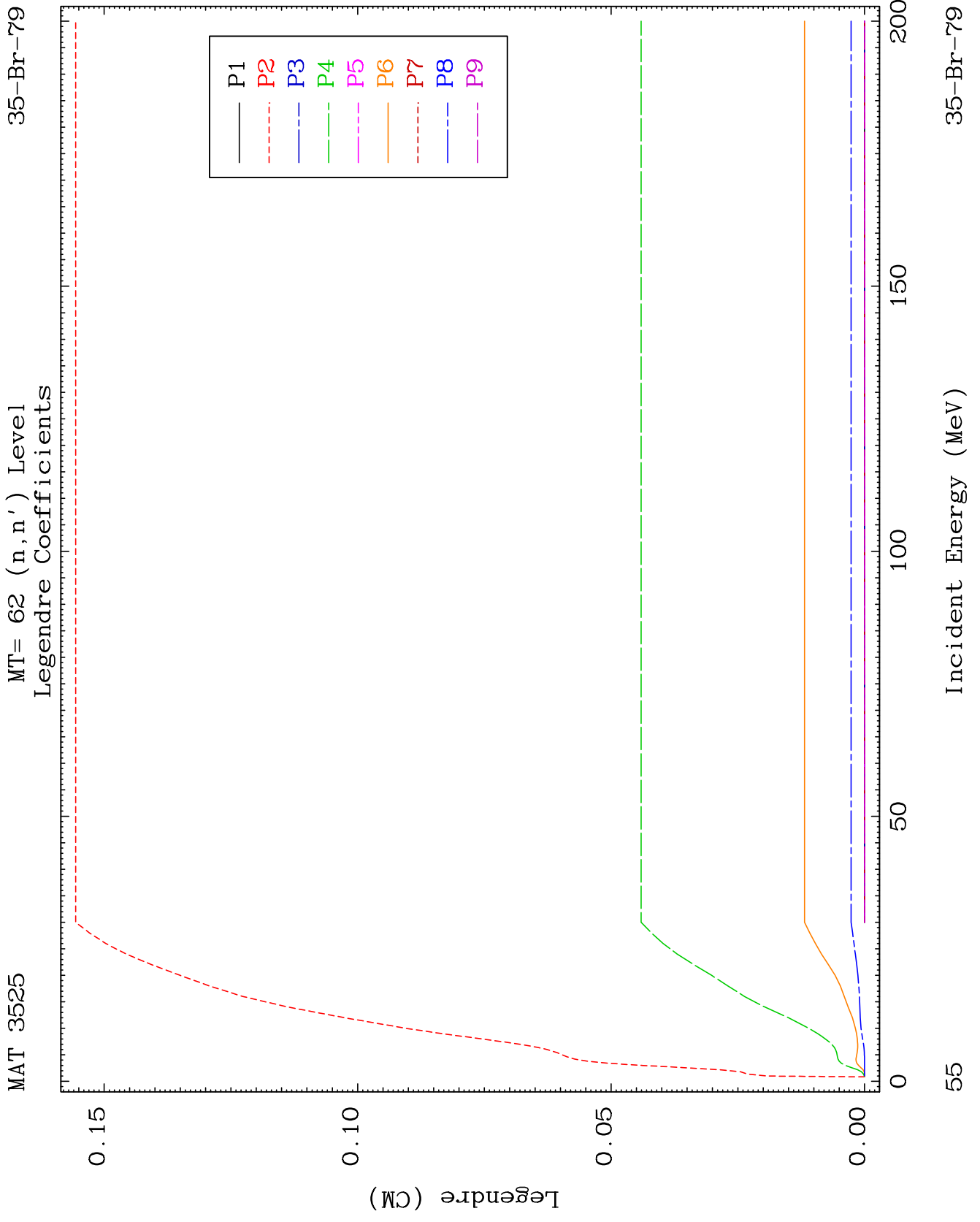
52

Incident Energy (MeV)

35-Br-79



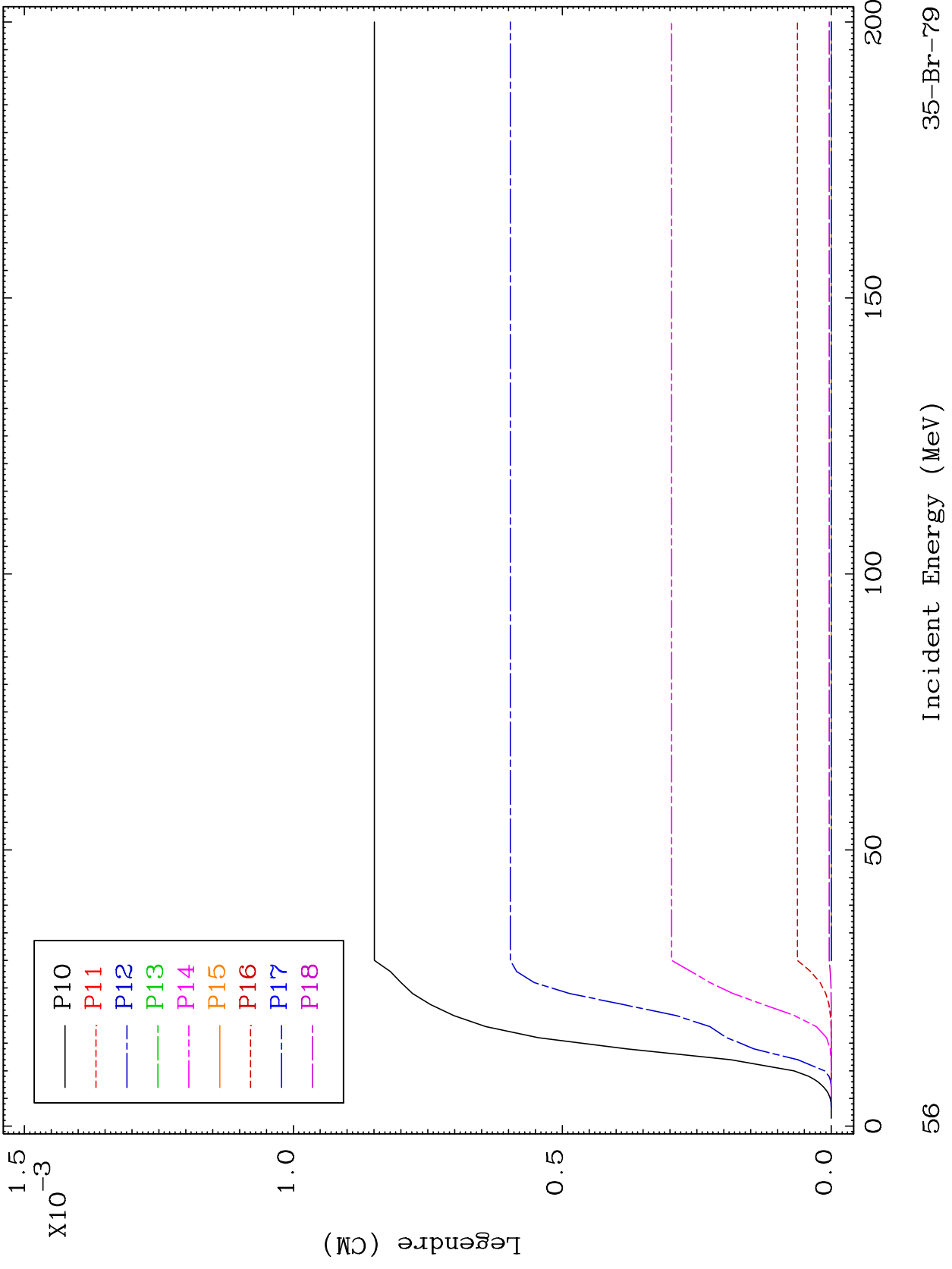




MAT 3525

MT= 62 (n,n') Level
Legendre Coefficients

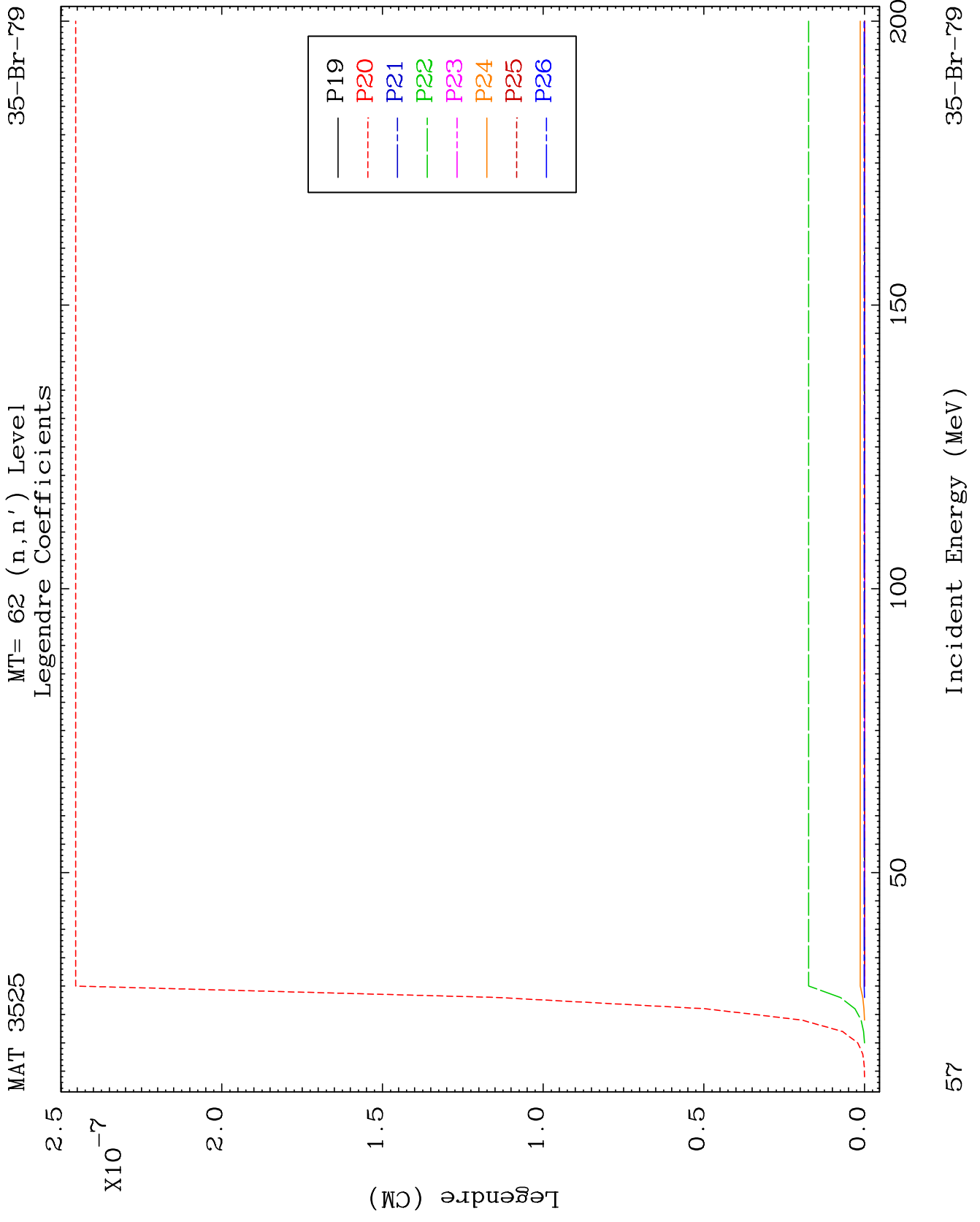
35-Br-79

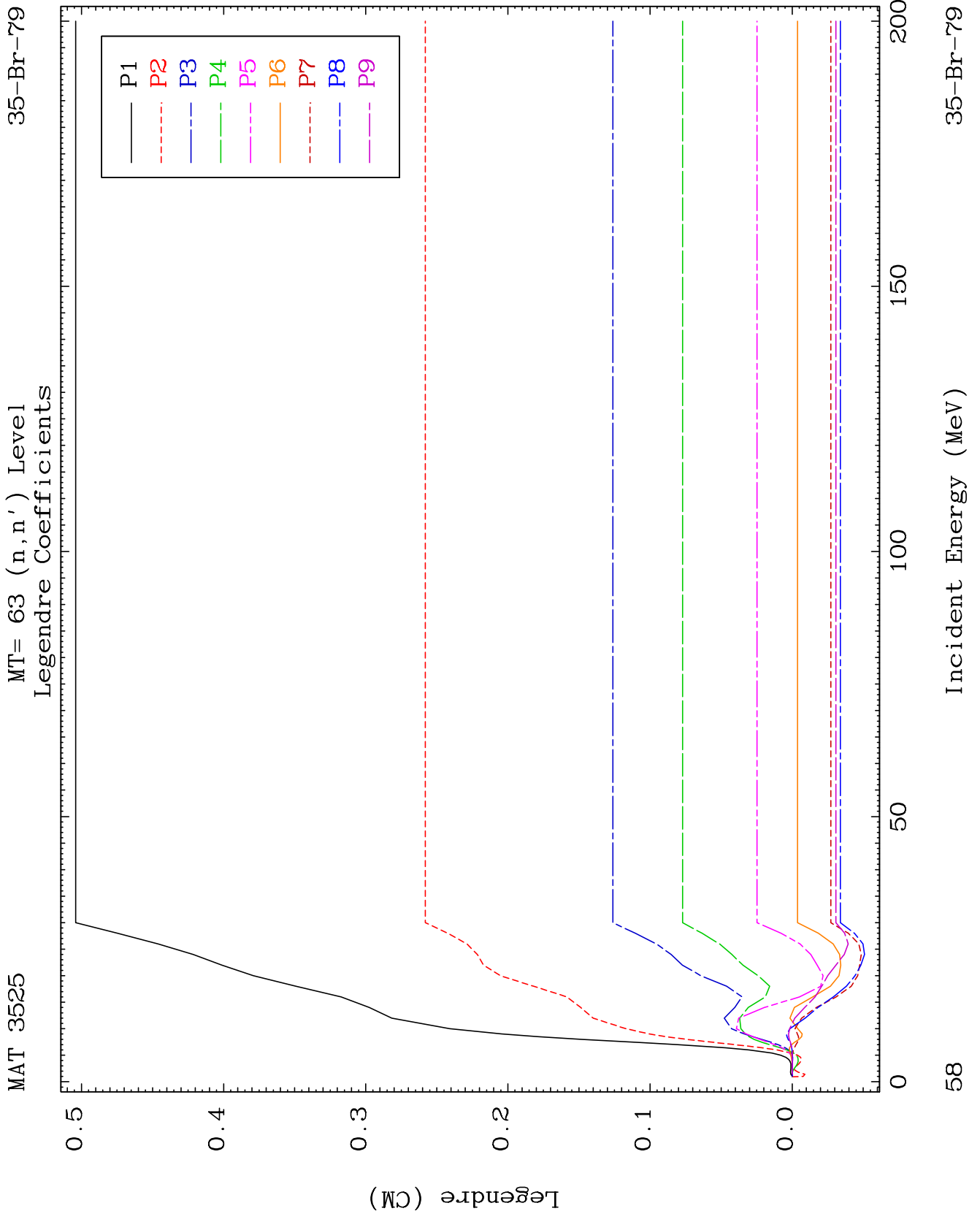


56

Incident Energy (MeV)

35-Br-79

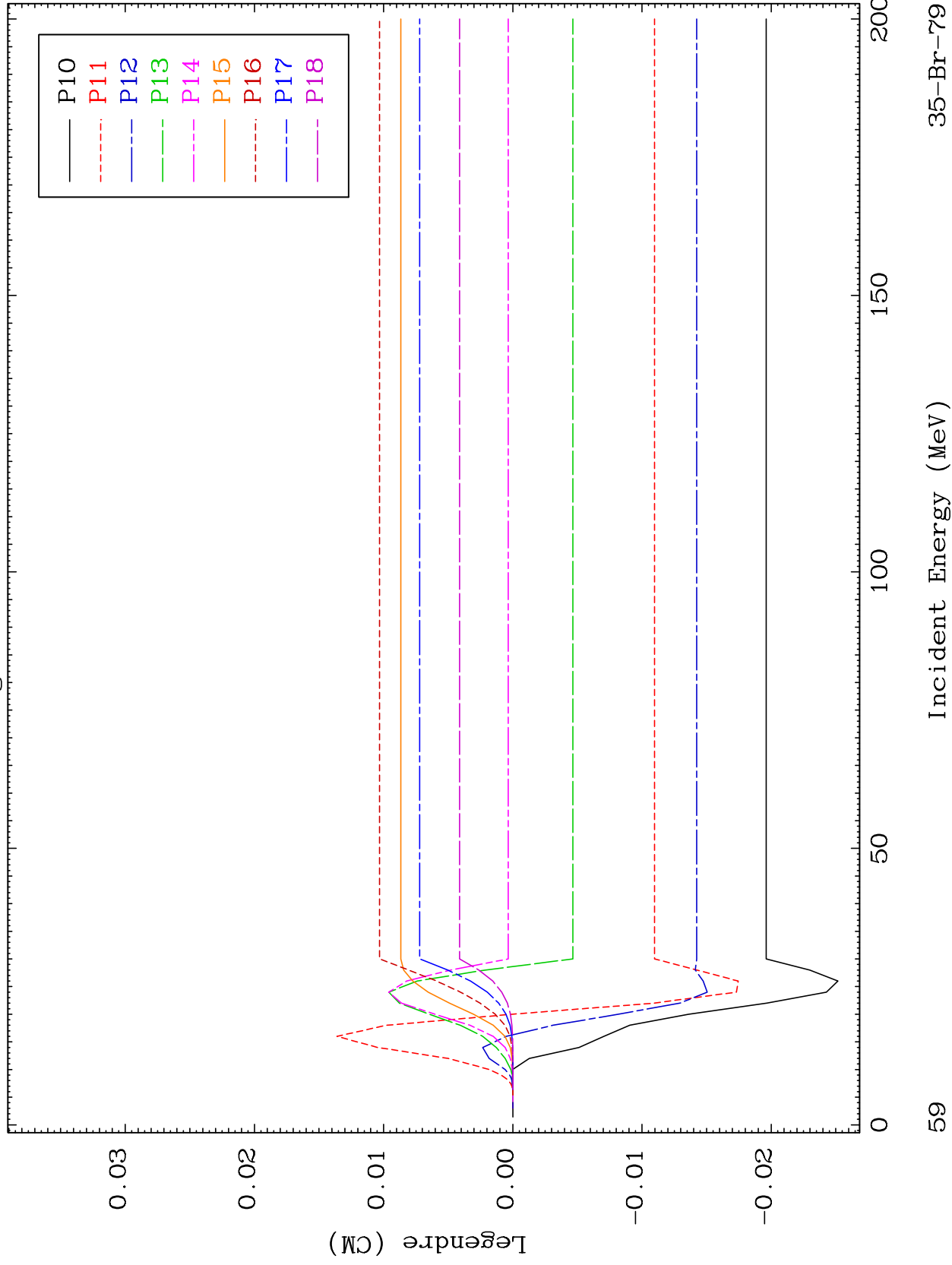




MAT 3525

MT= 63 (n,n') Level
Legendre Coefficients

35-Br-79



59

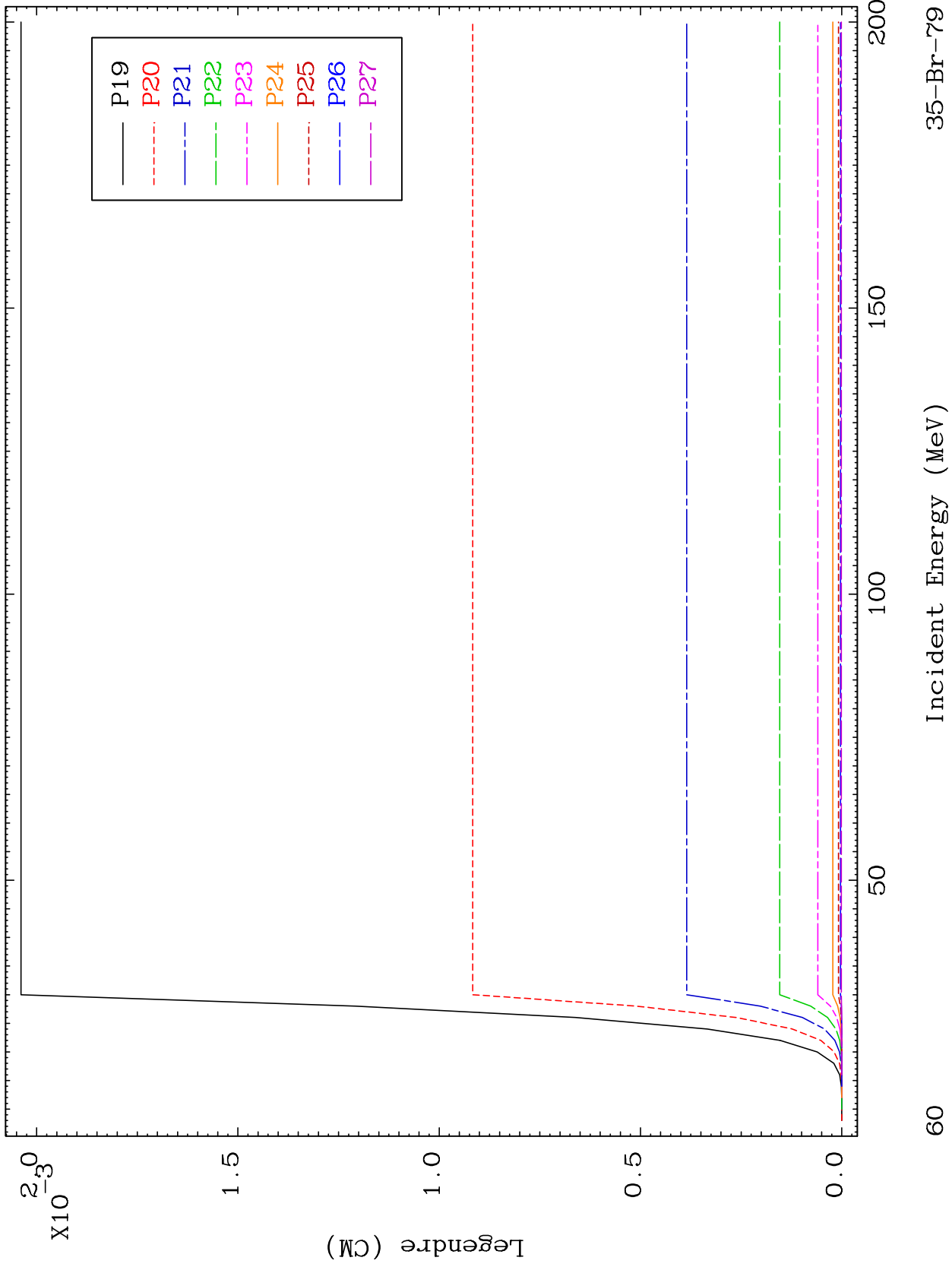
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 63 (n,n') Level
Legendre Coefficients

35-Br-79



35-Br-79

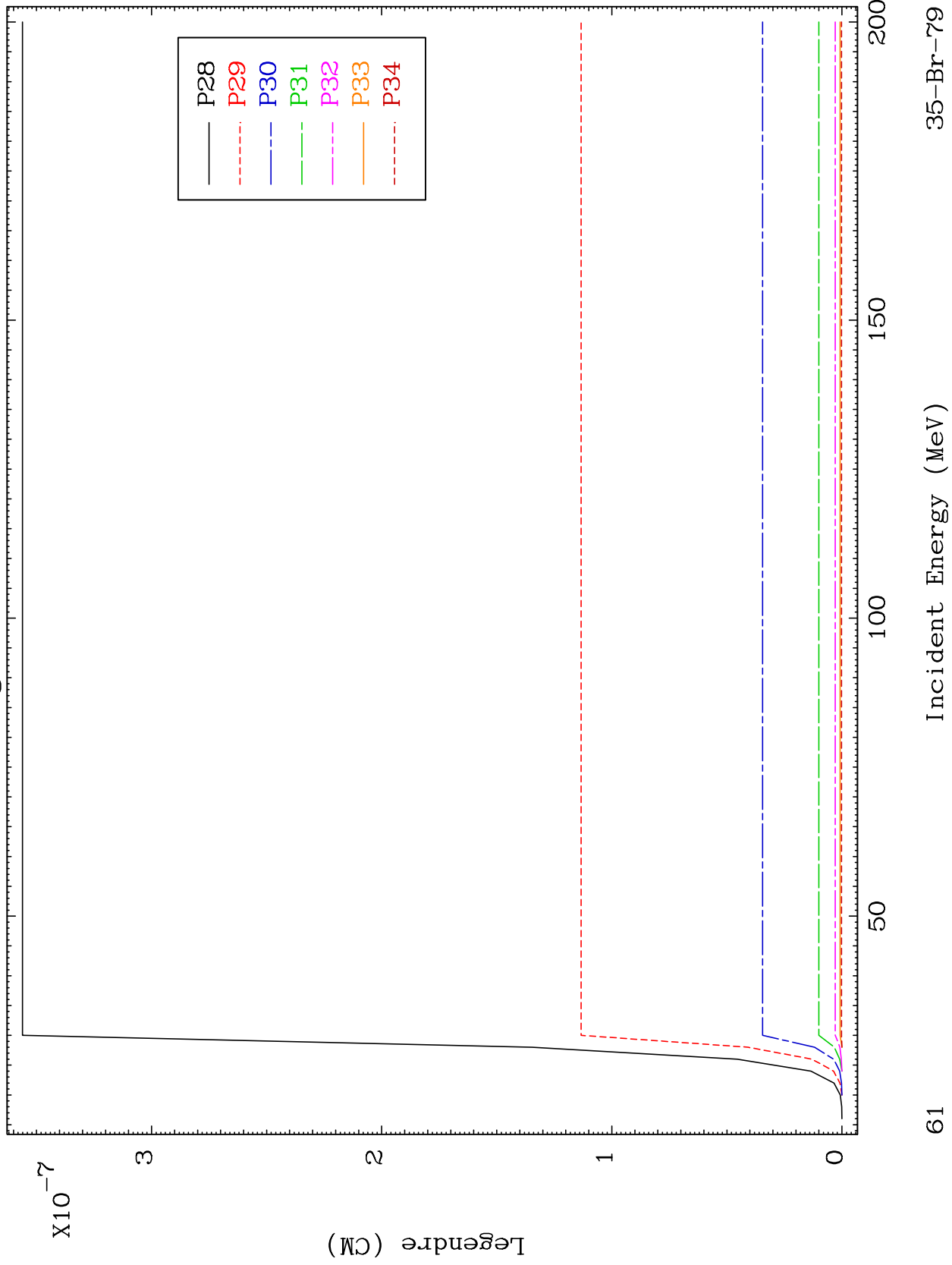
Incident Energy (MeV)

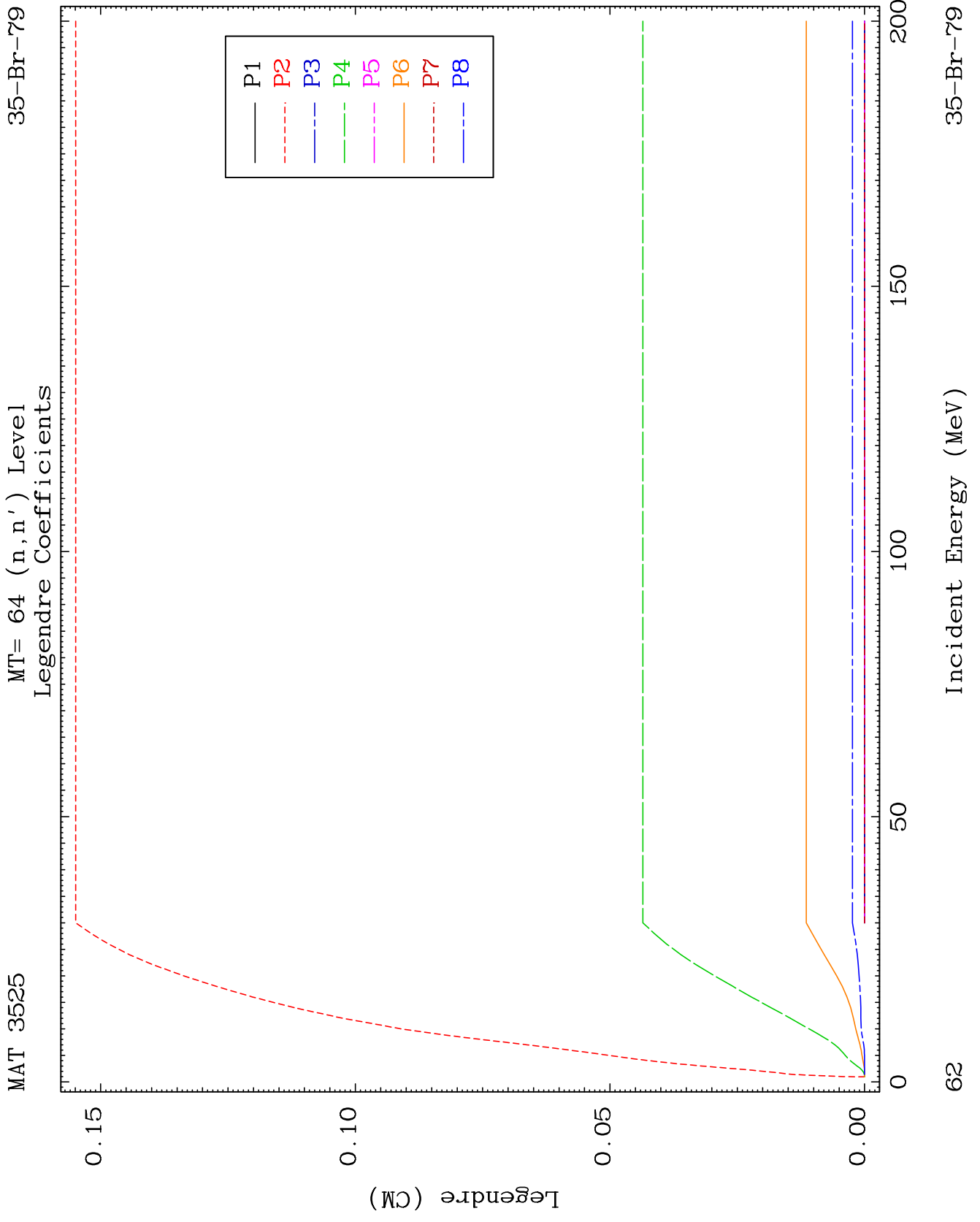
60

MAT 3525

MT= 63 (n,n') Level
Legendre Coefficients

35-Br-79

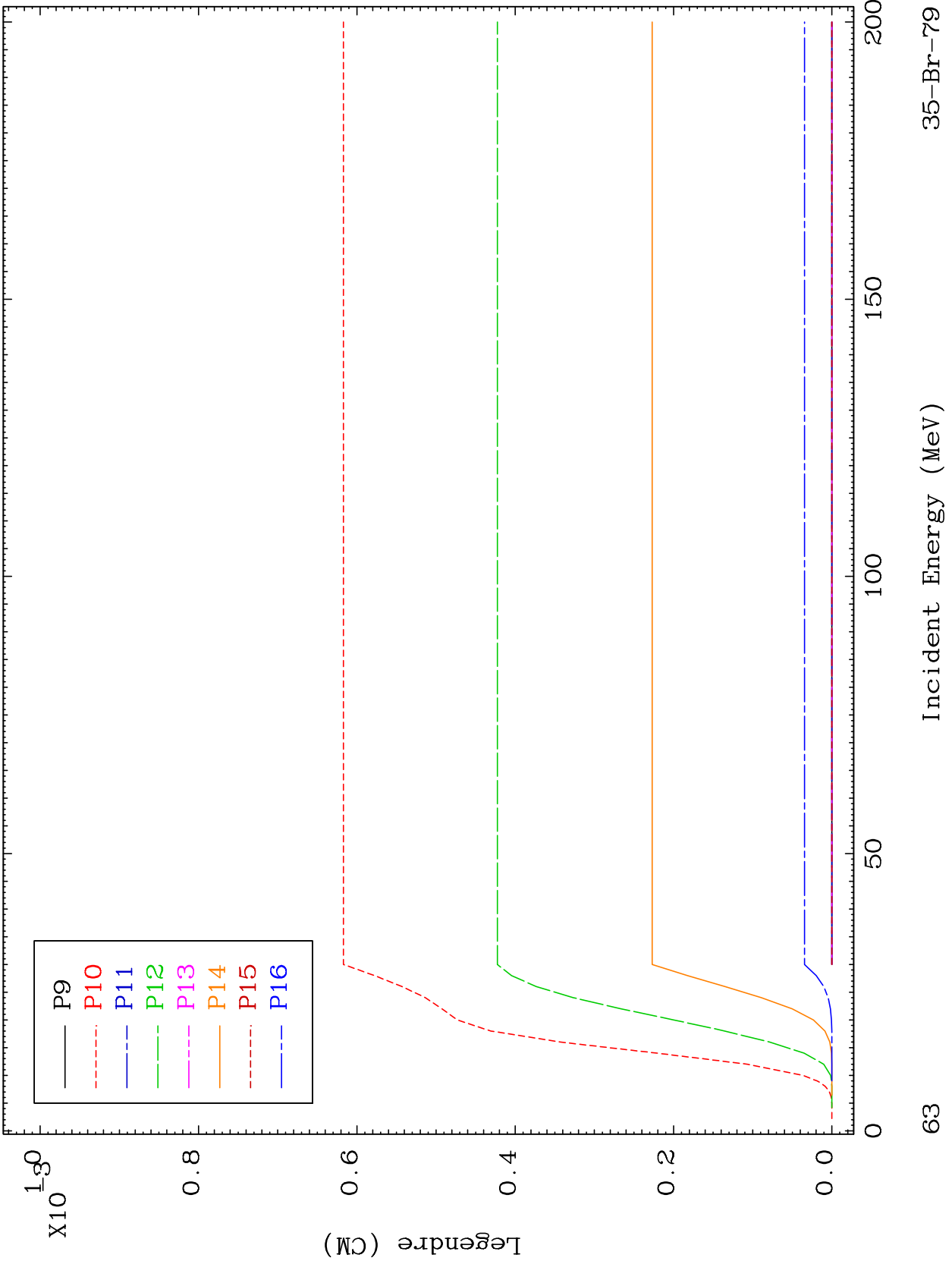




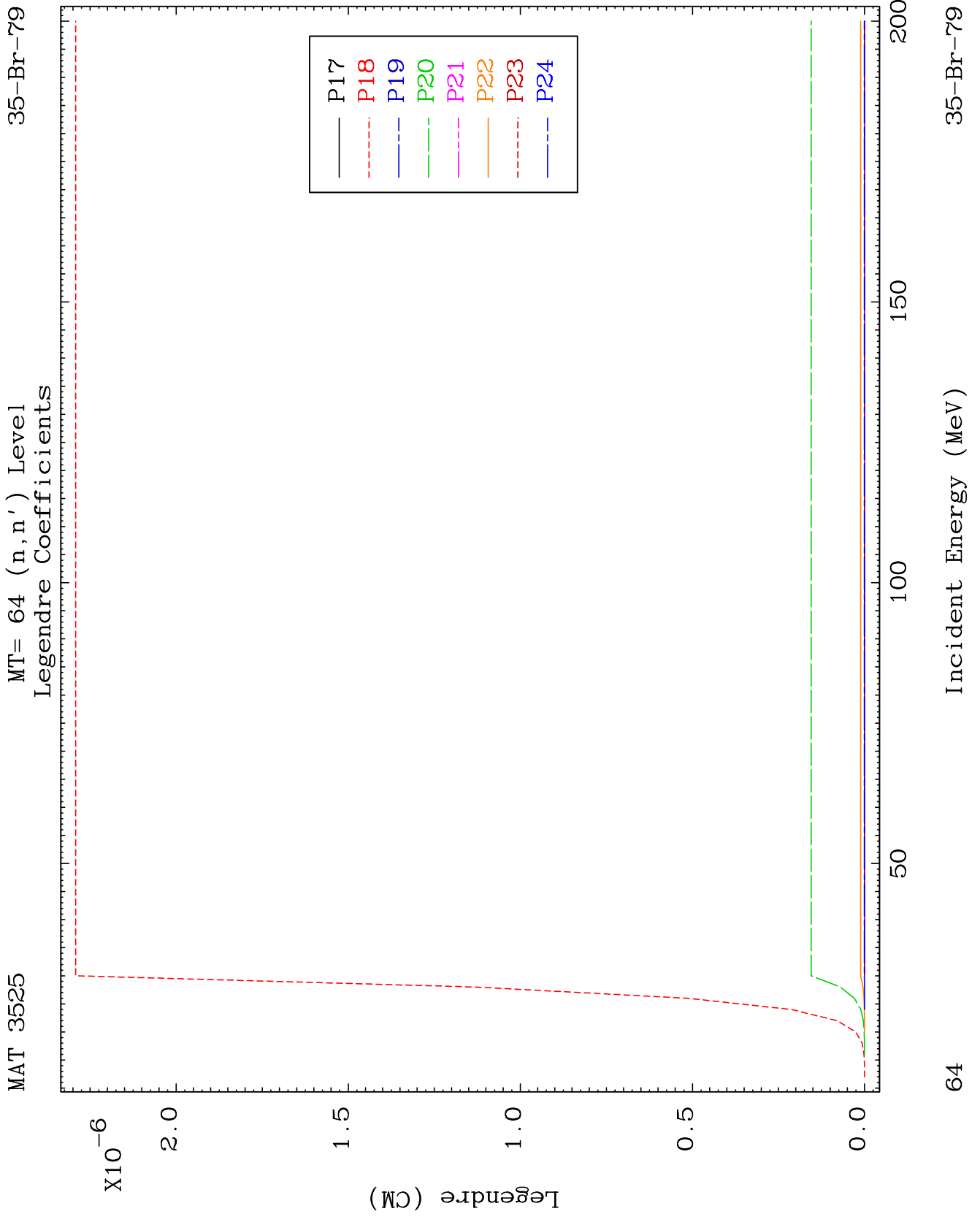
MAT 3525

MT= 64 (n,n') Level
Legendre Coefficients

35-Br-79



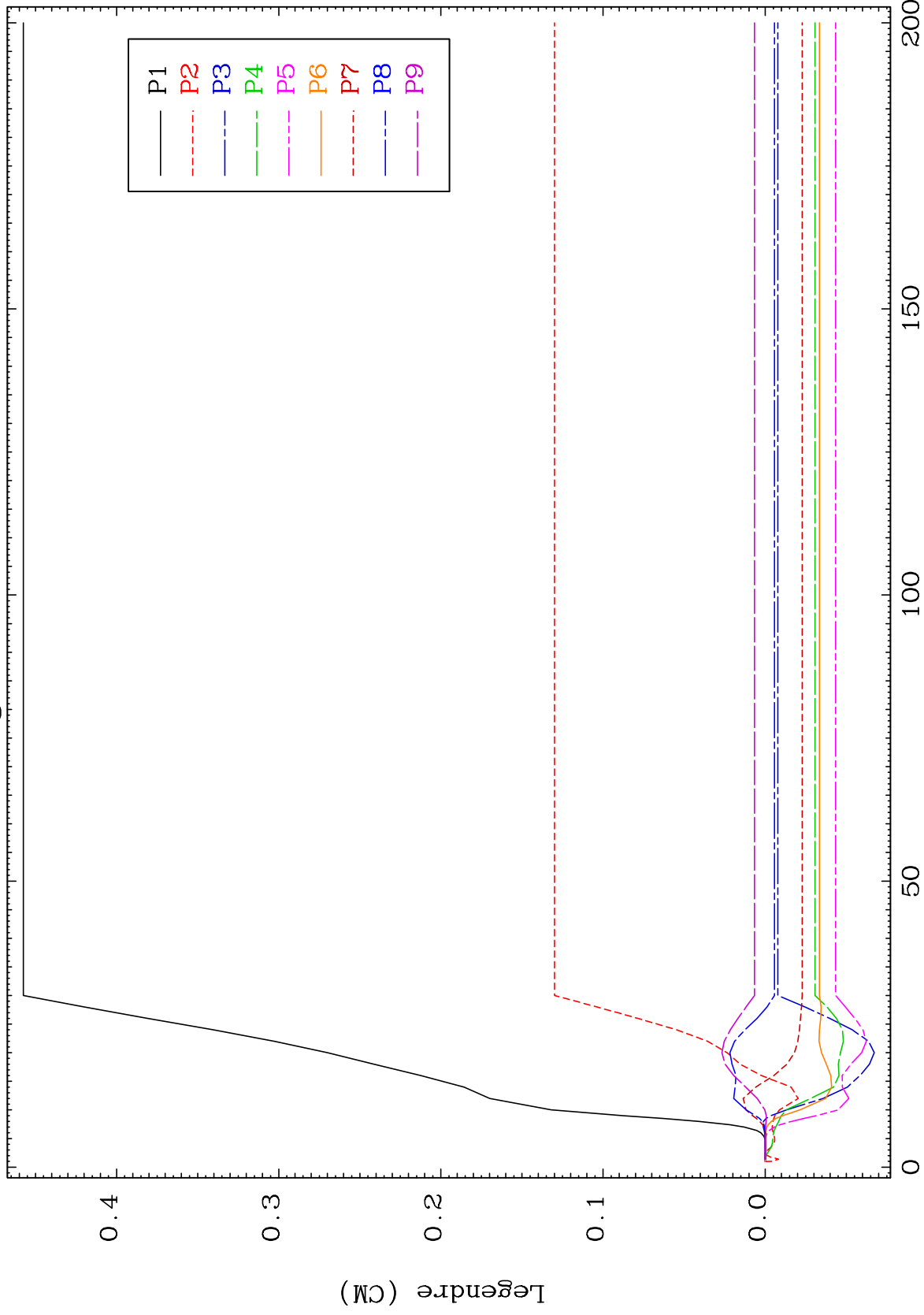
63



MAT 3525

MT= 65 (n,n') Level
Legendre Coefficients

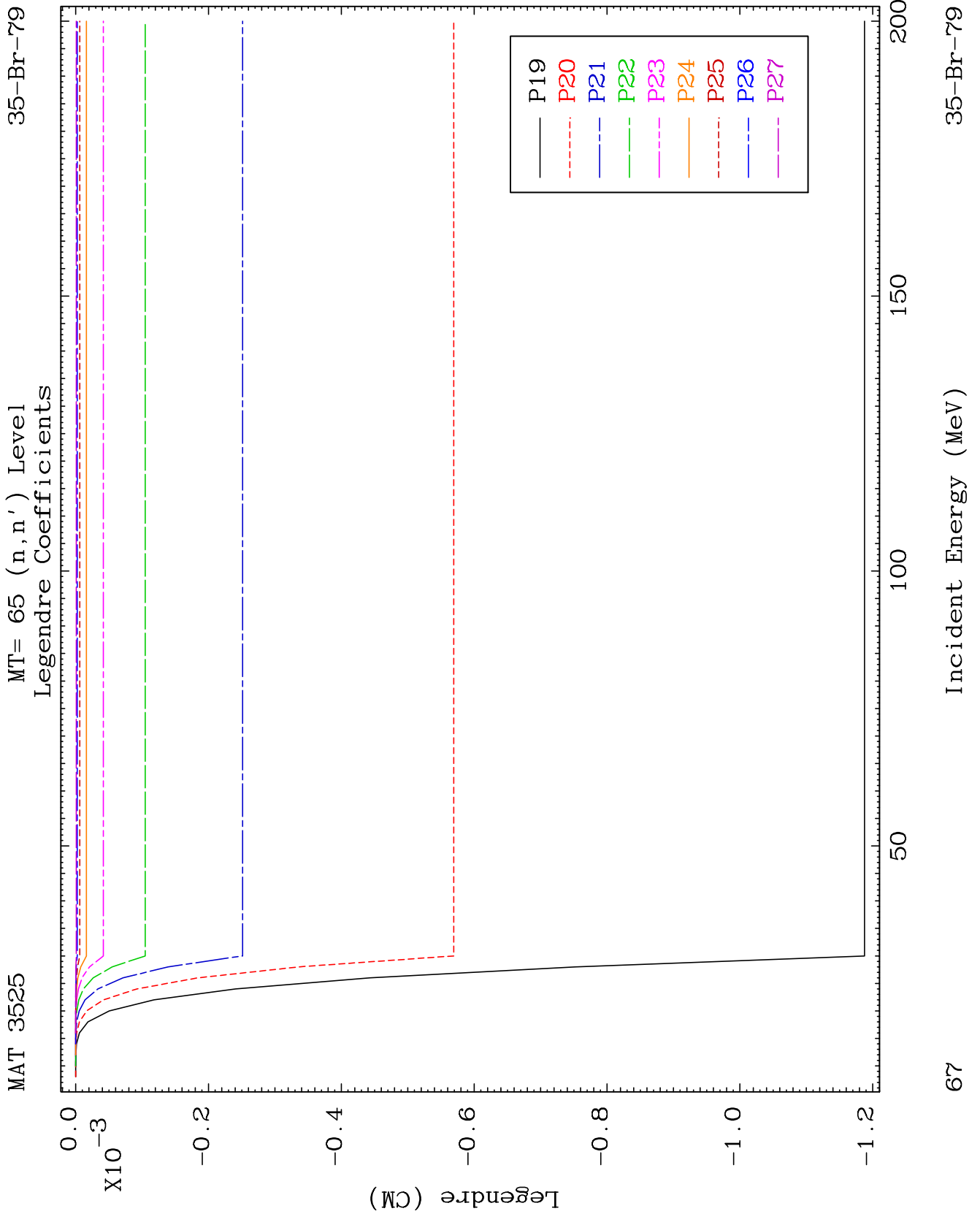
35-Br-79

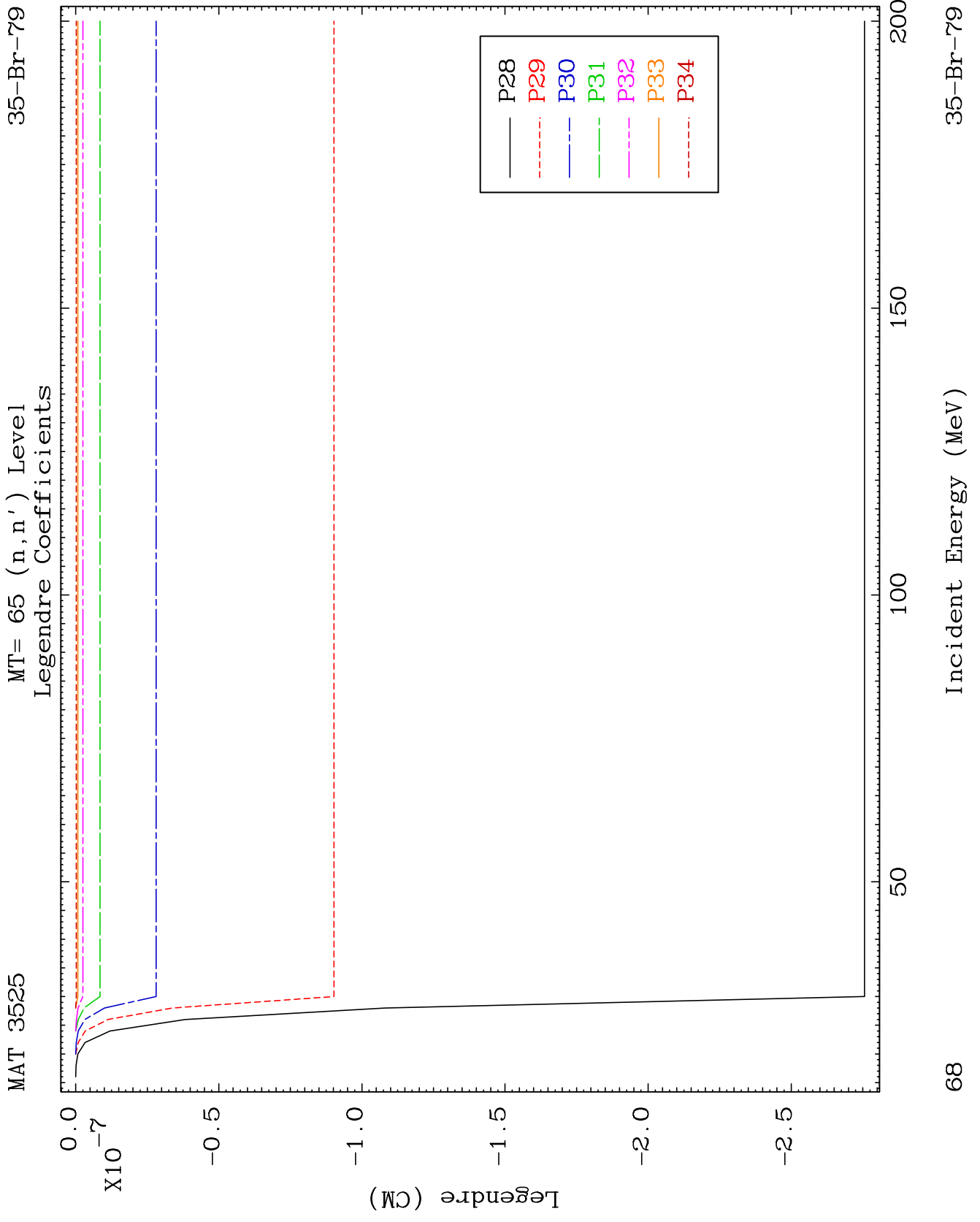


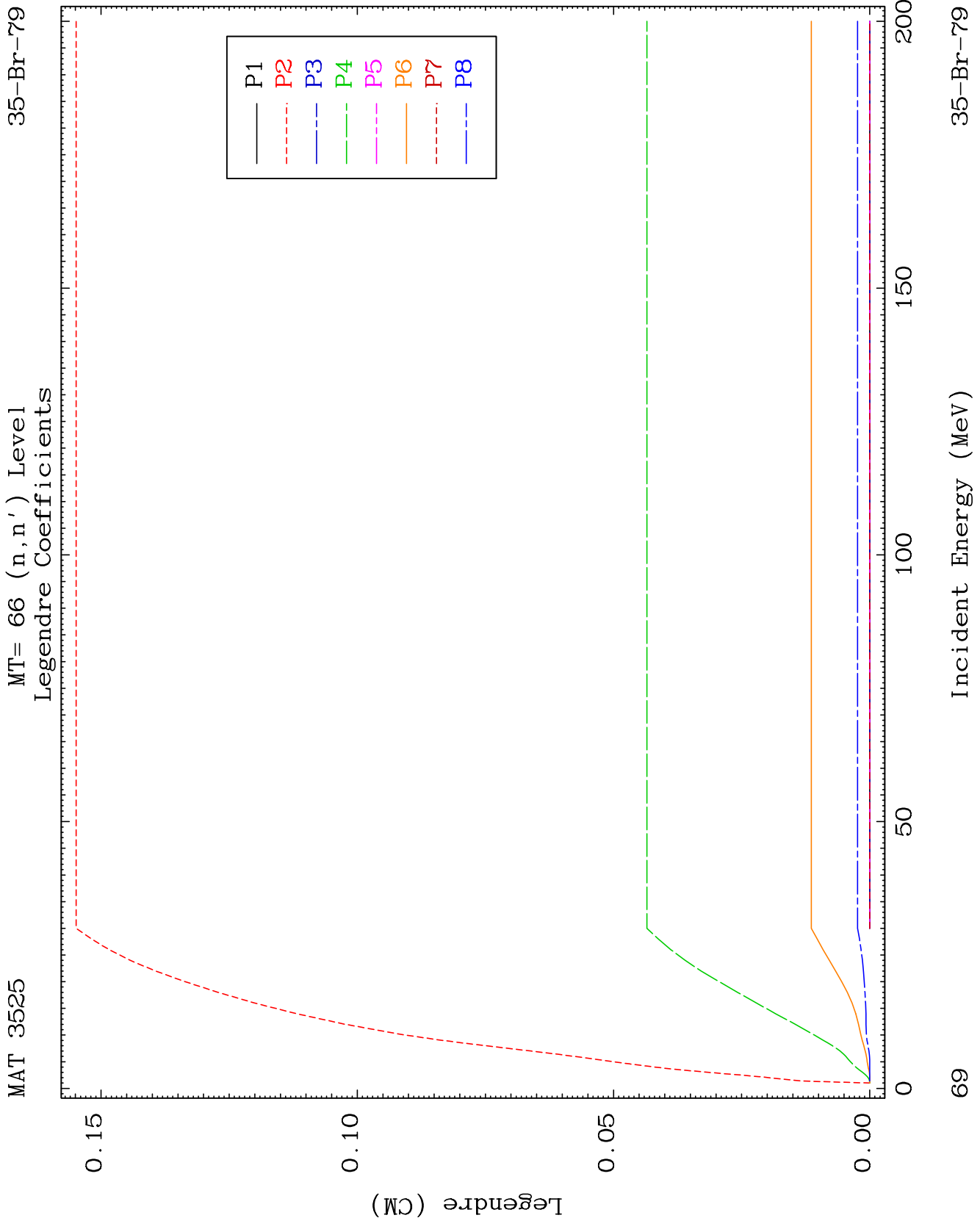
65

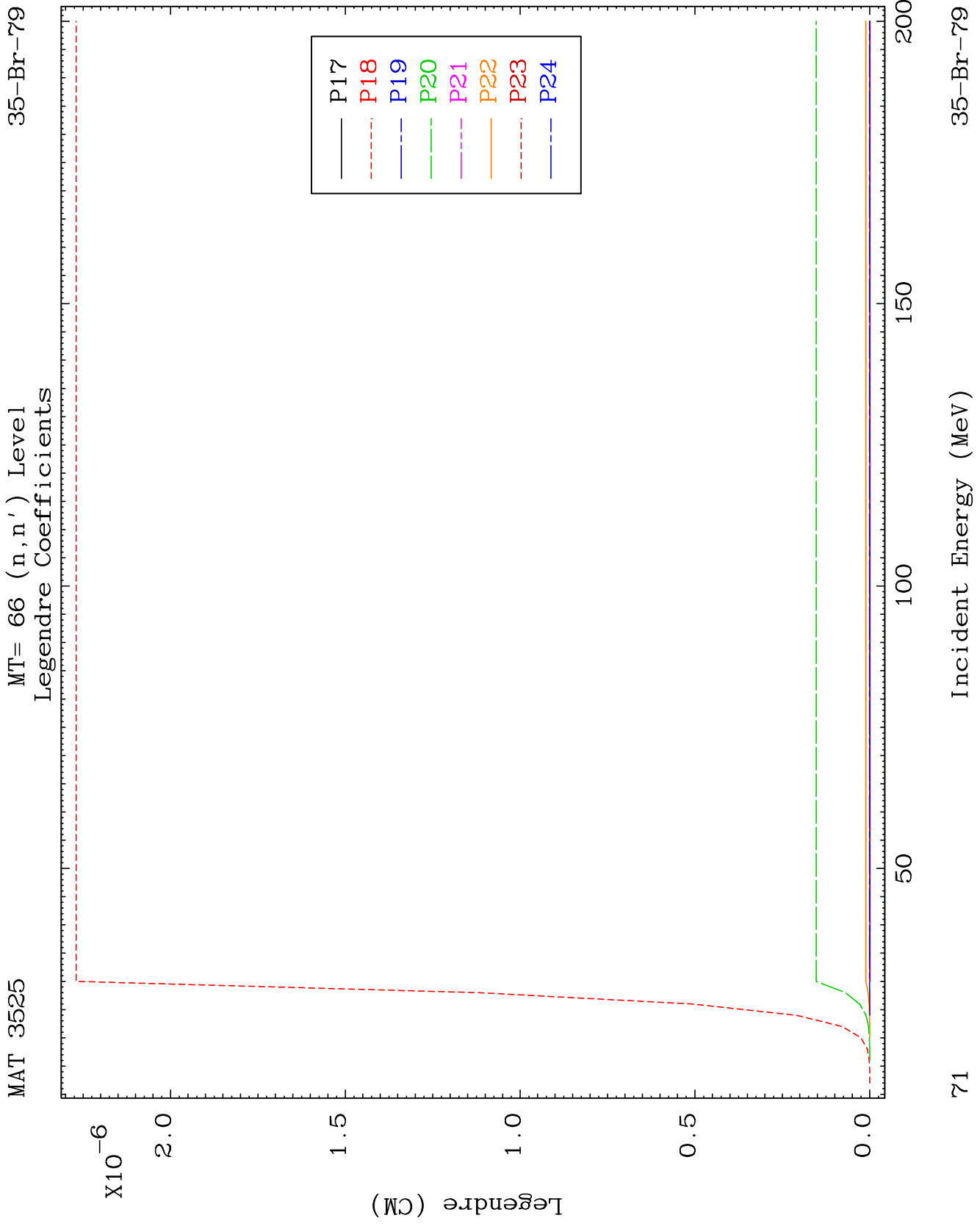
Incident Energy (MeV)

35-Br-79





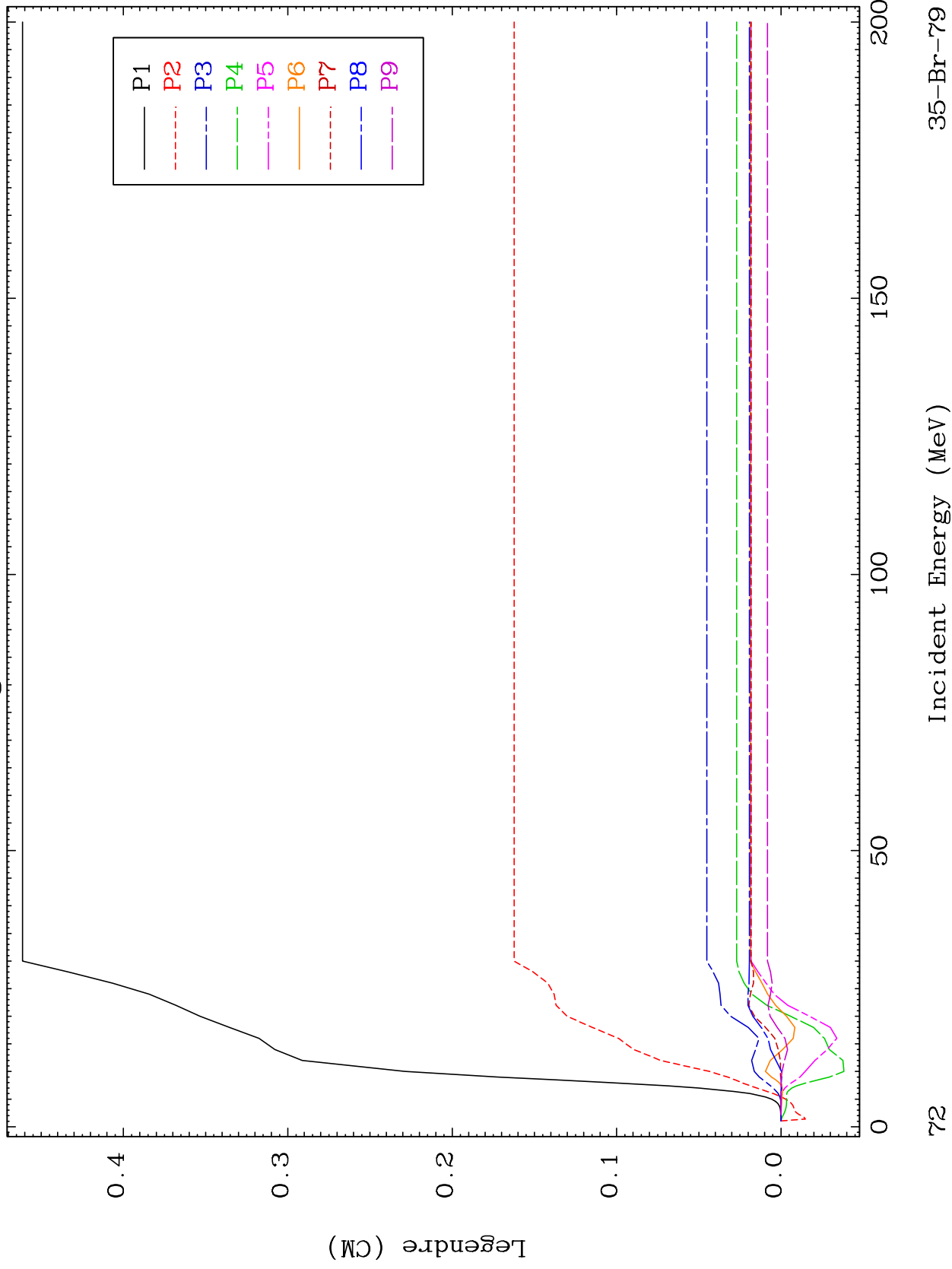




MAT 3525

MT= 67 (n,n') Level
Legendre Coefficients

35-Br-79



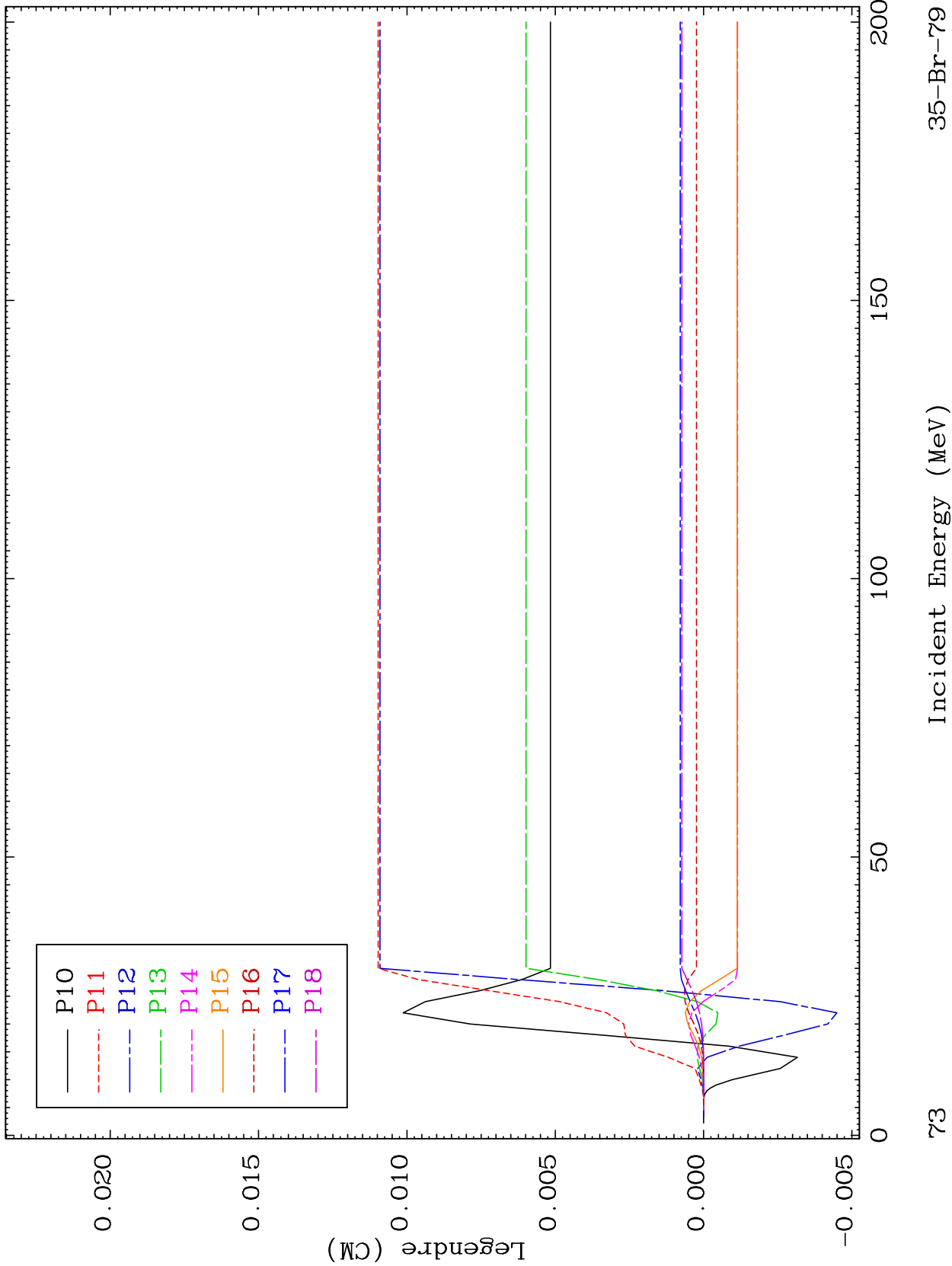
72

35-Br-79

MAT 3525

MT= 67 (n,n') Level
Legendre Coefficients

35-Br-79



73

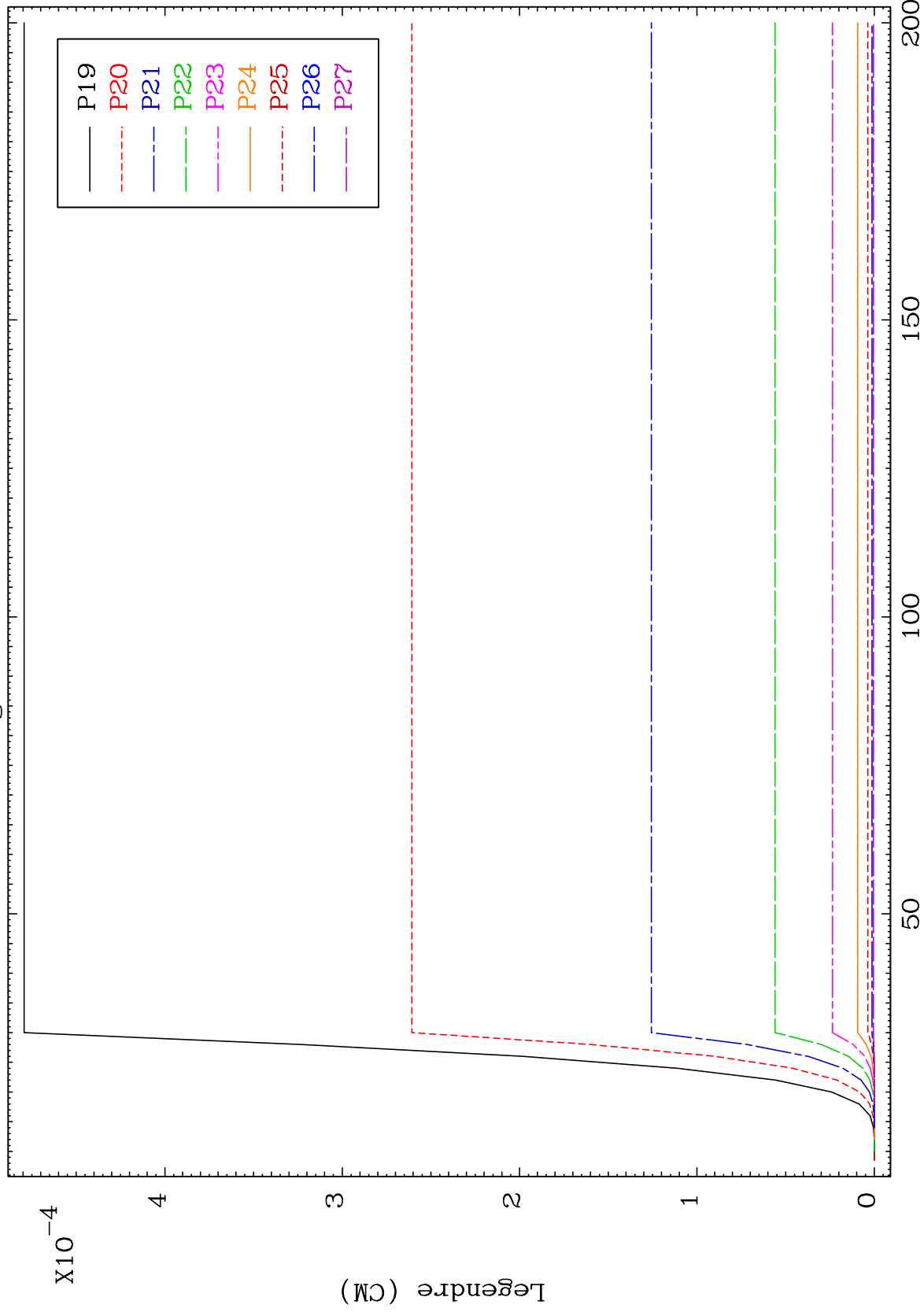
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 67 (n,n') Level
Legendre Coefficients

35-Br-79



74

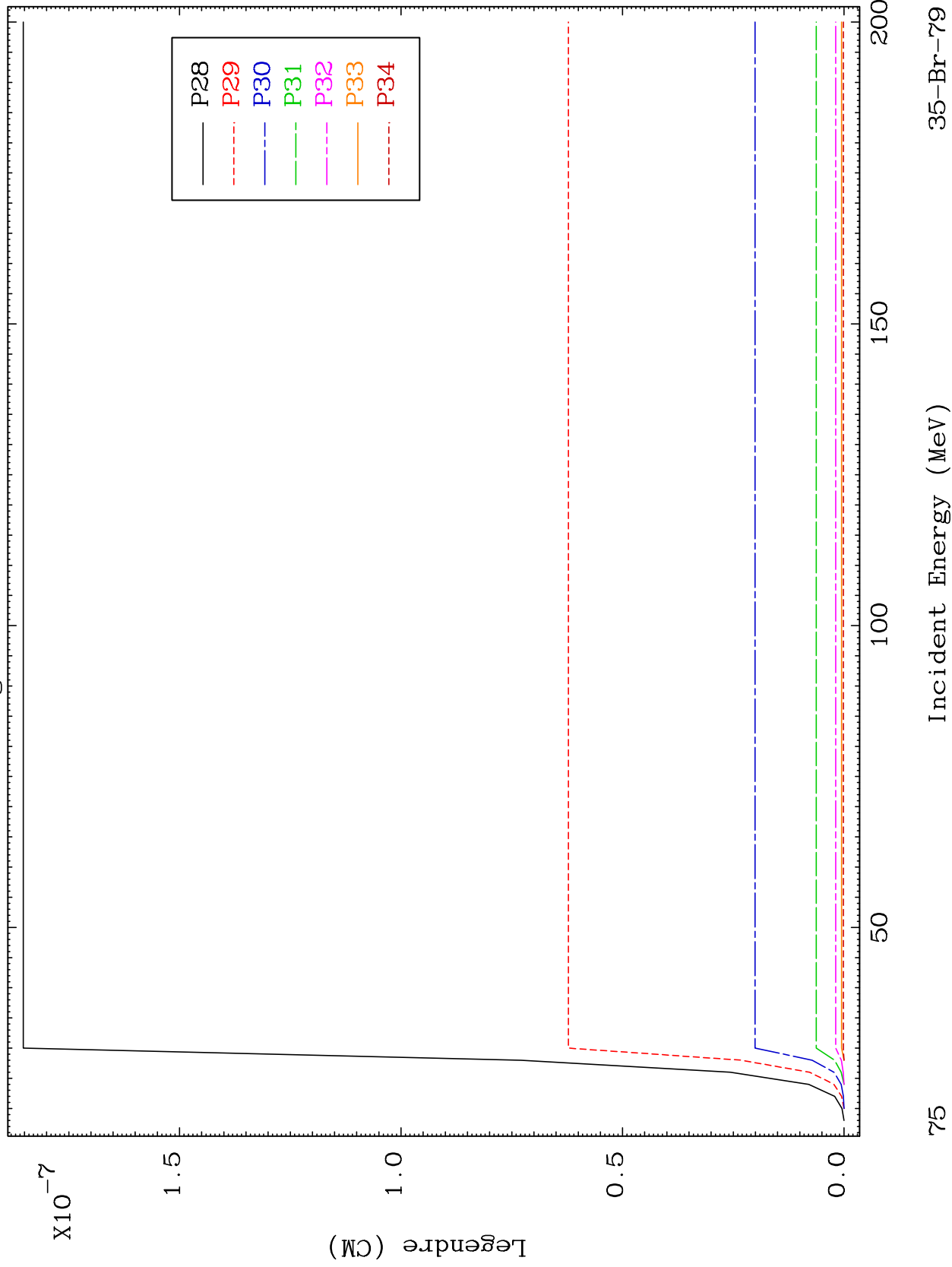
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 67 (n,n') Level
Legendre Coefficients

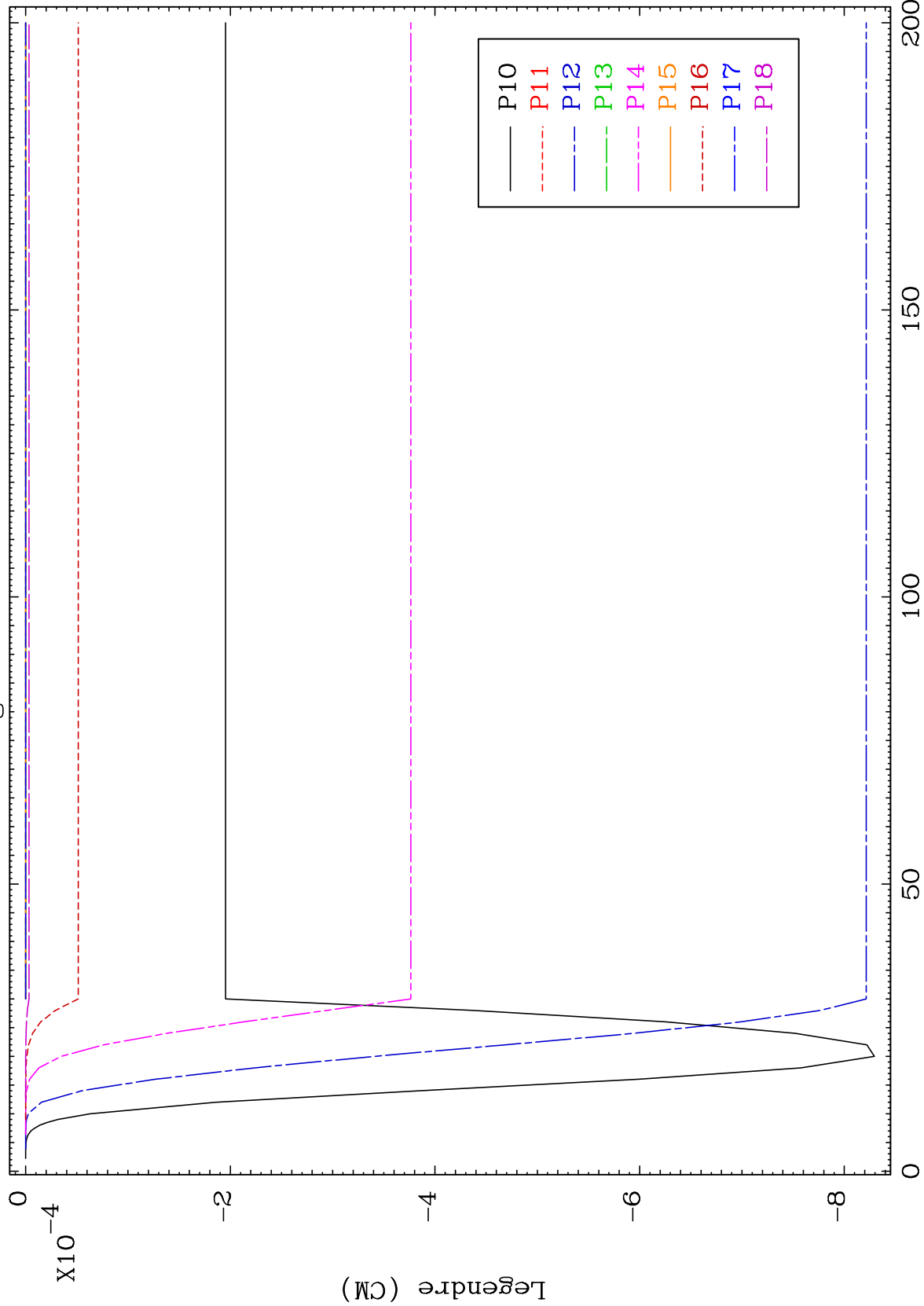
35-Br-79



MAT 3525

MT= 68 (n,n') Level
Legendre Coefficients

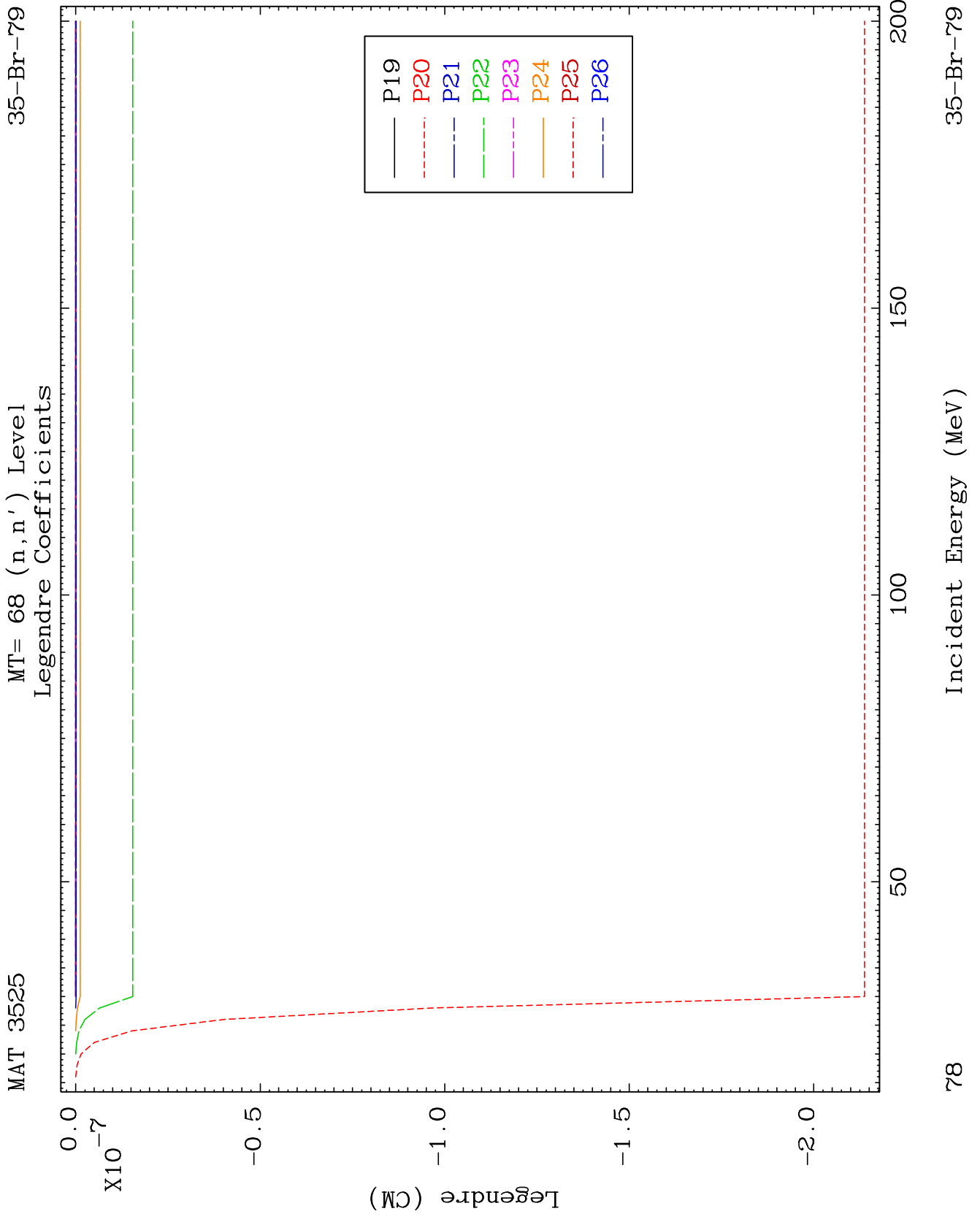
35-Br-79



77

Incident Energy (MeV)

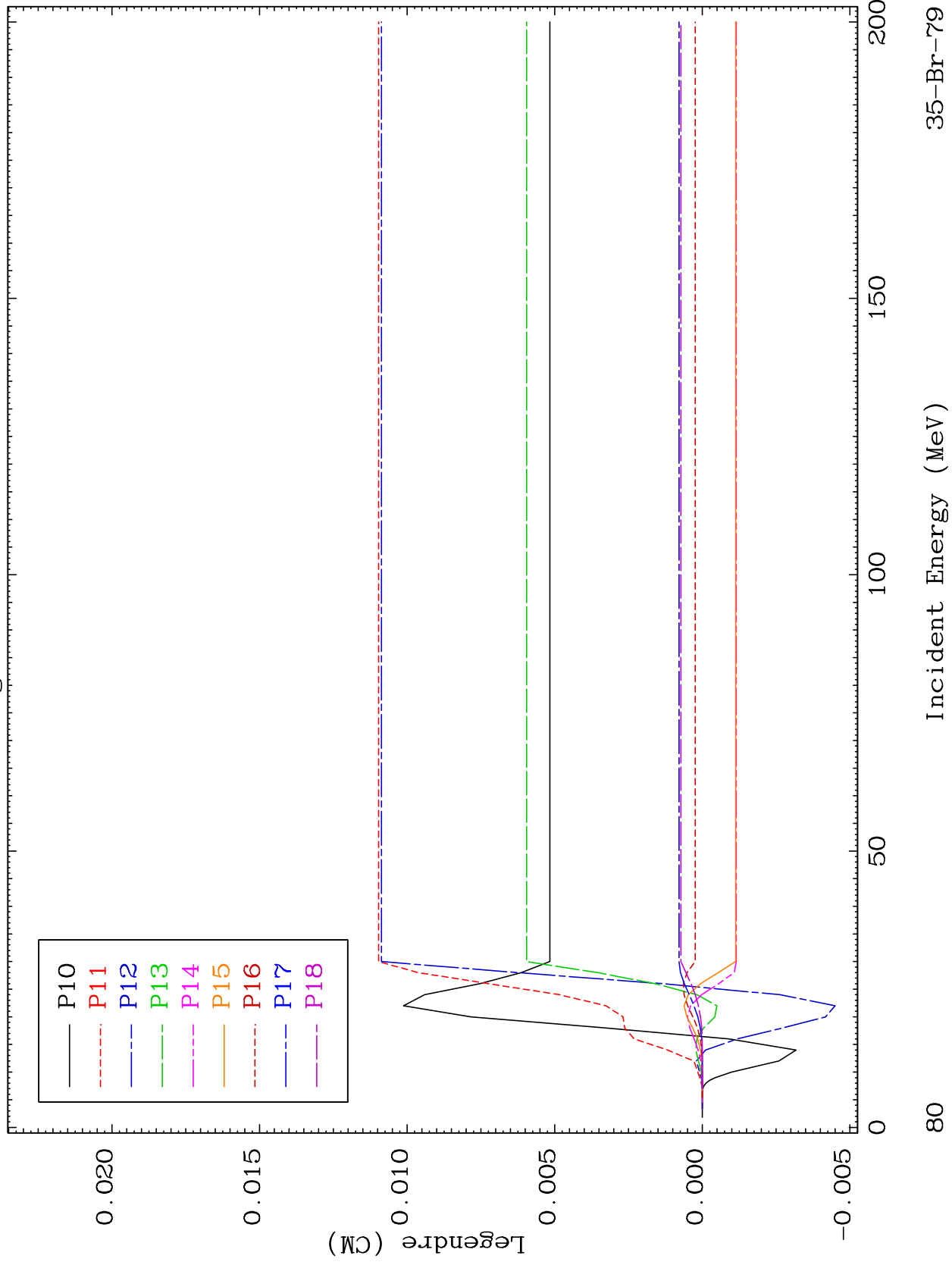
35-Br-79



MAT 3525

MT= 69 (n,n') Level
Legendre Coefficients

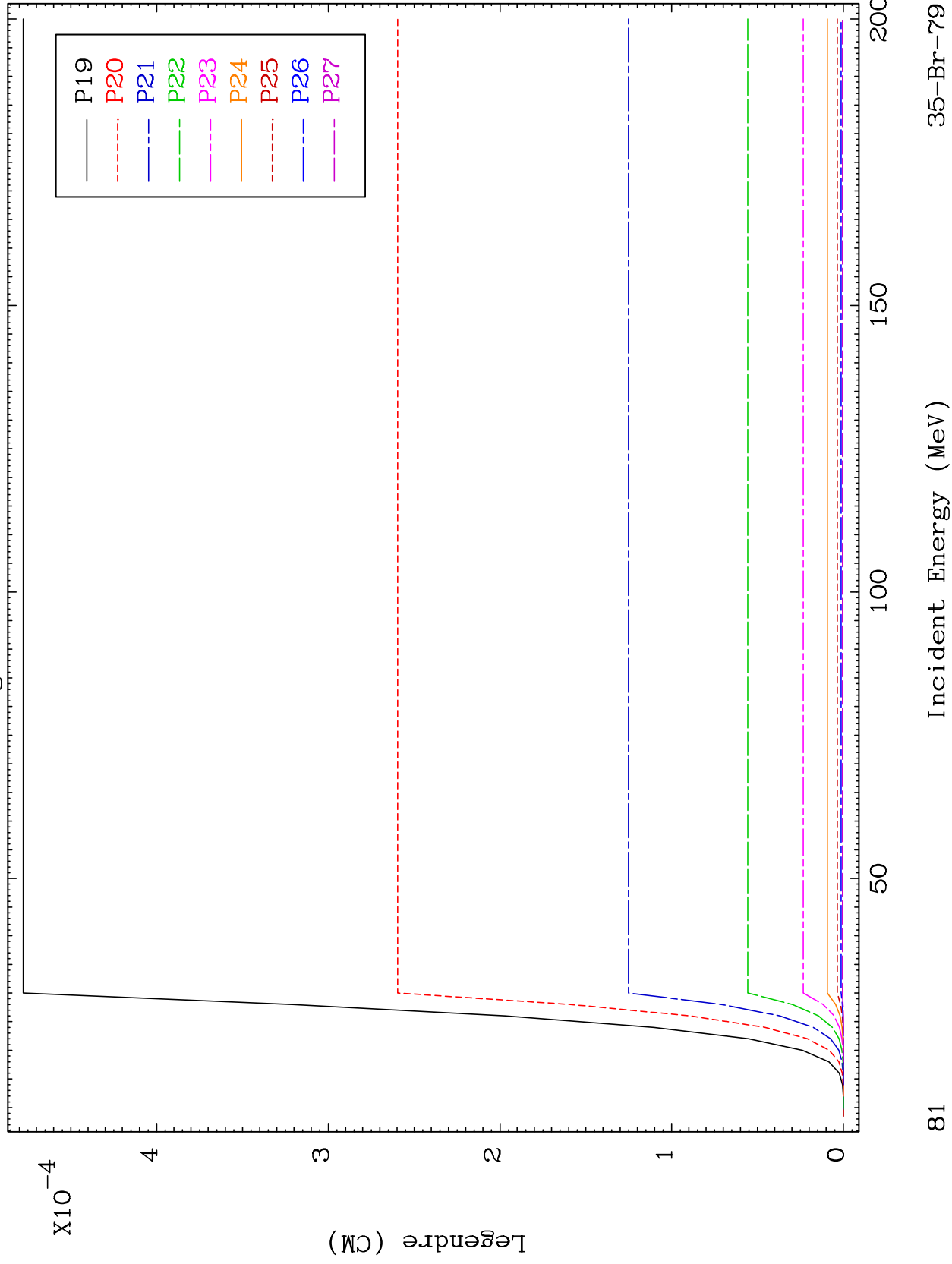
35-Br-79



MAT 3525

MT= 69 (n,n') Level
Legendre Coefficients

35-Br-79



81

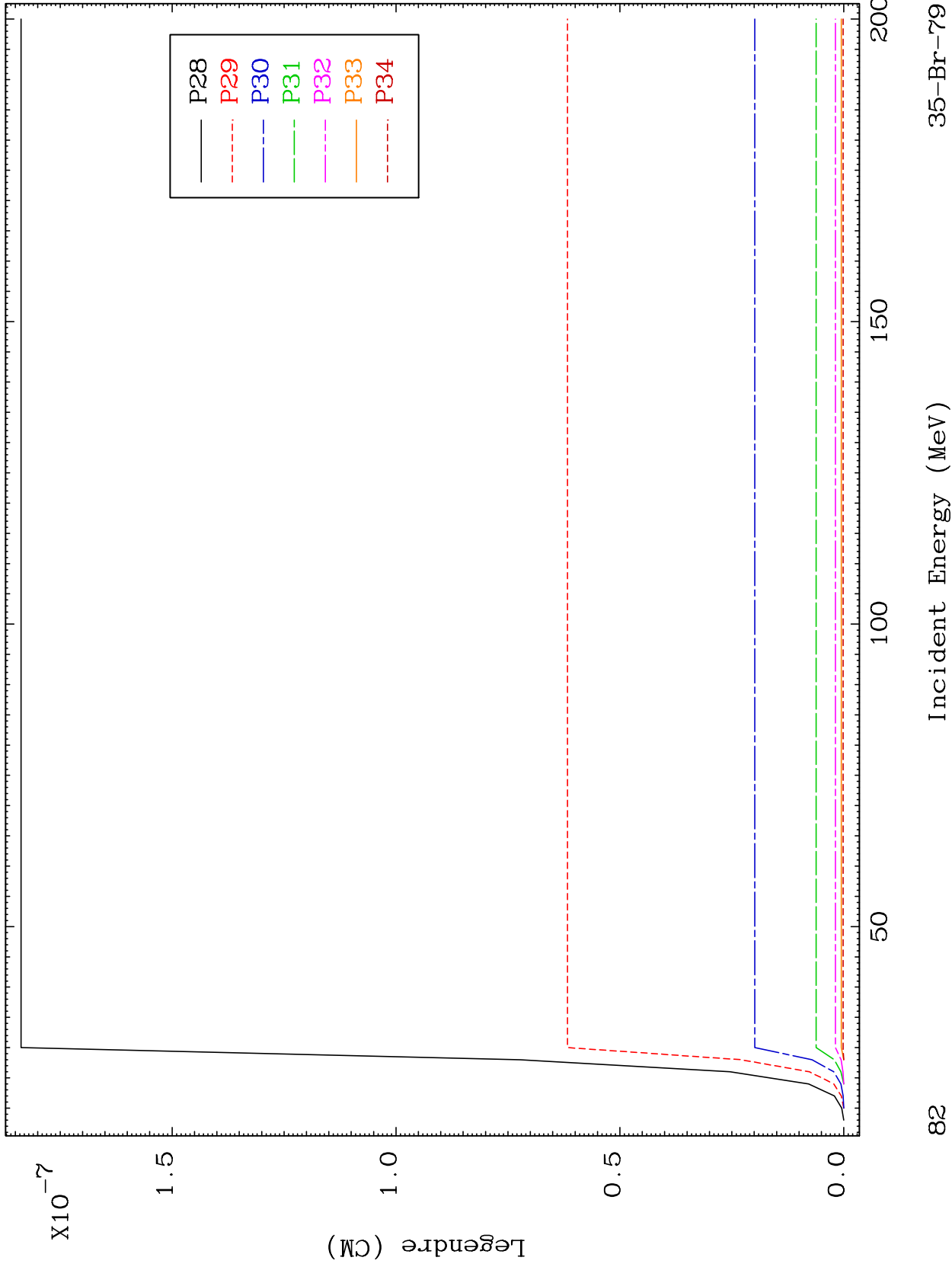
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 69 (n,n') Level
Legendre Coefficients

35-Br-79

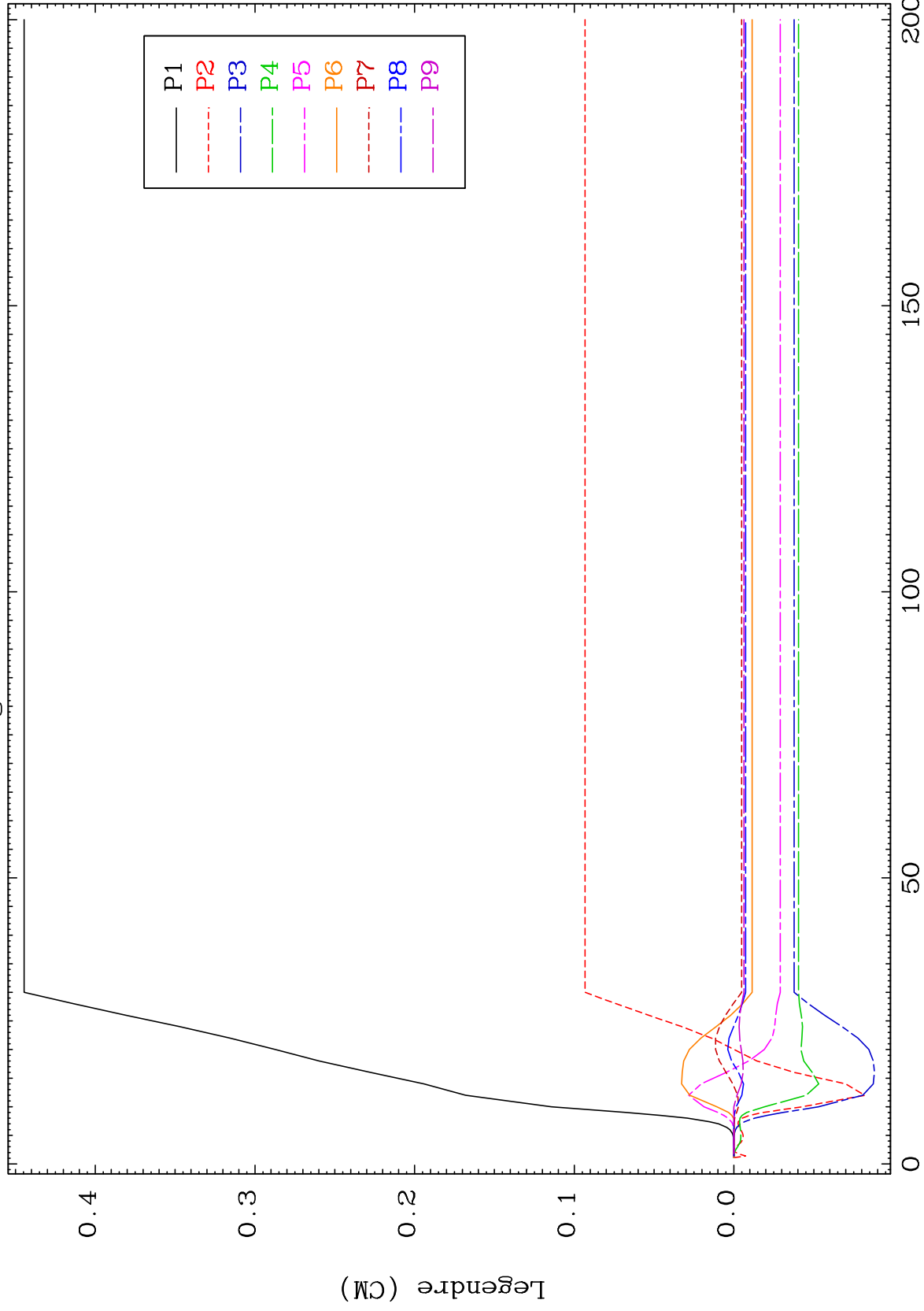


82

MAT 3525

MT= 70 (n,n') Level
Legendre Coefficients

35-Br-79



83

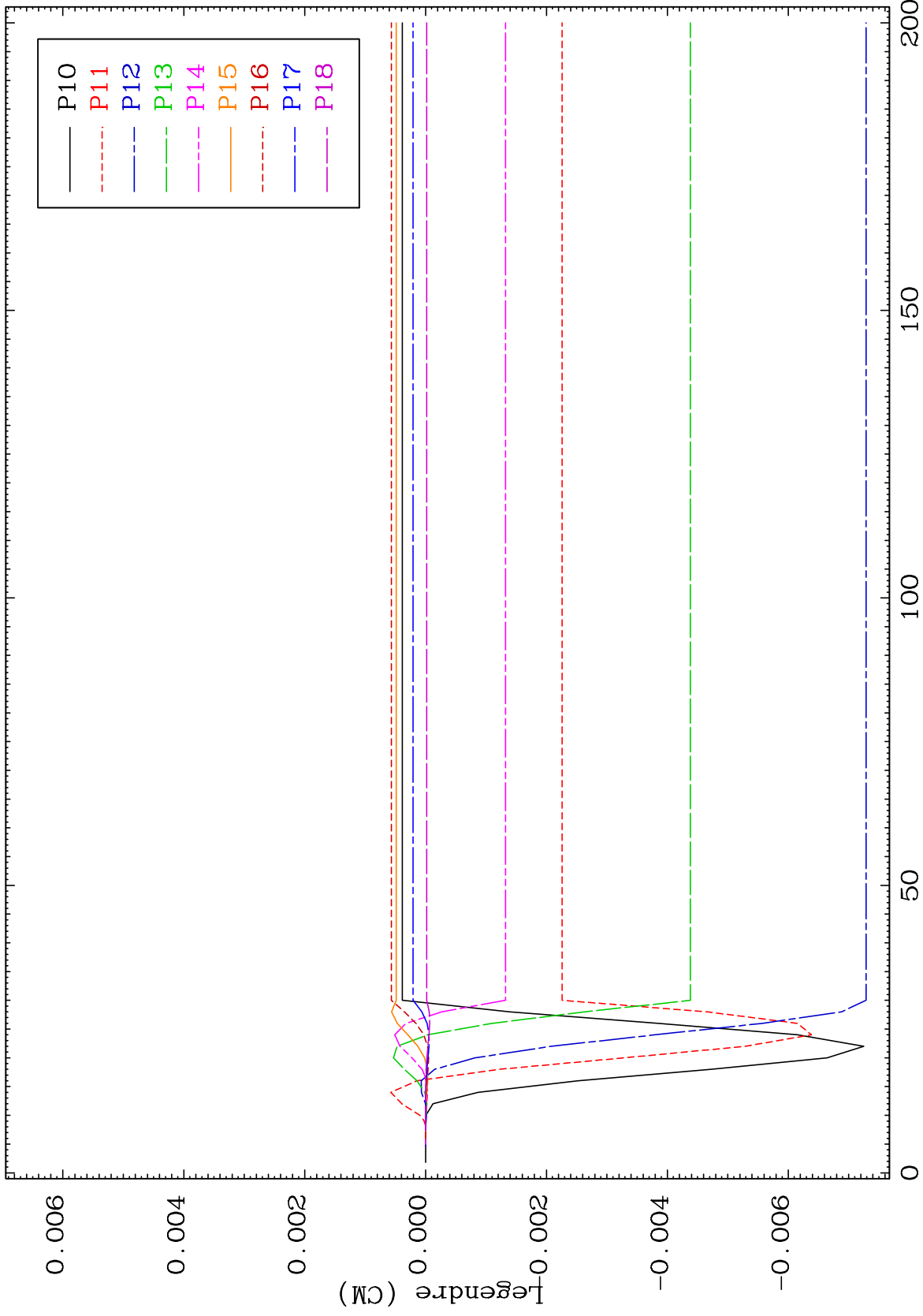
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 70 (n,n') Level
Legendre Coefficients

35-Br-79



84

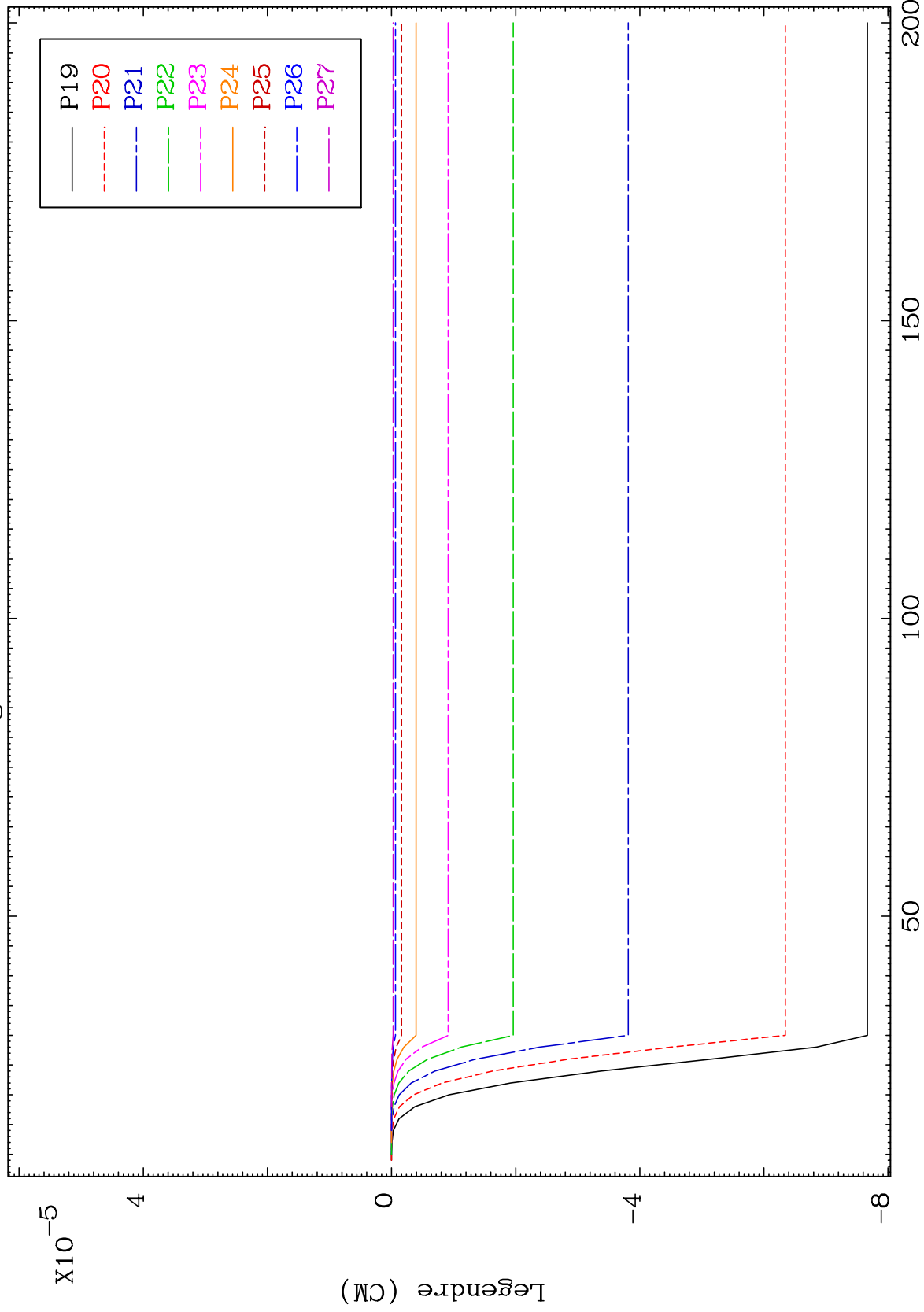
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 70 (n,n') Level
Legendre Coefficients

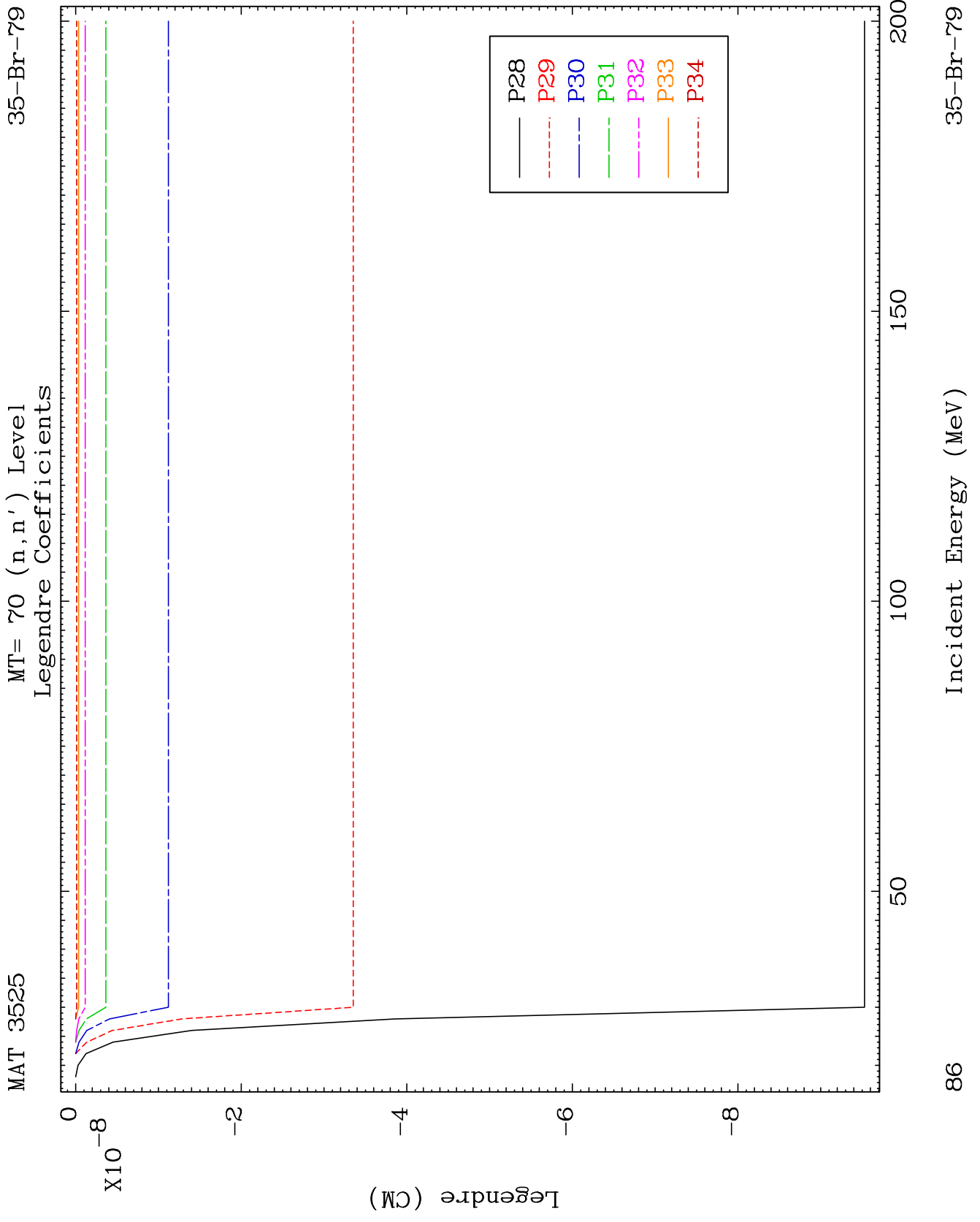
35-Br-79

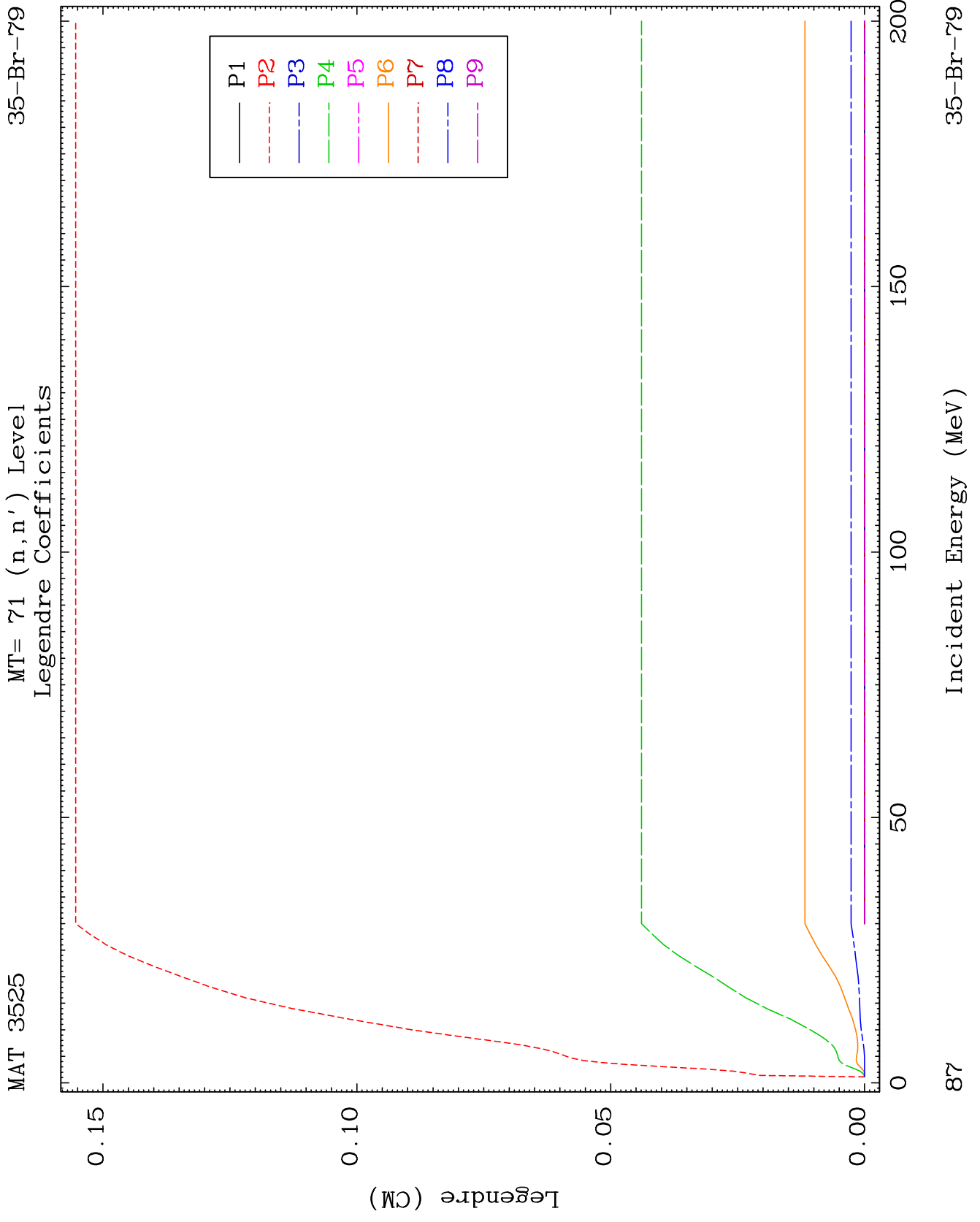


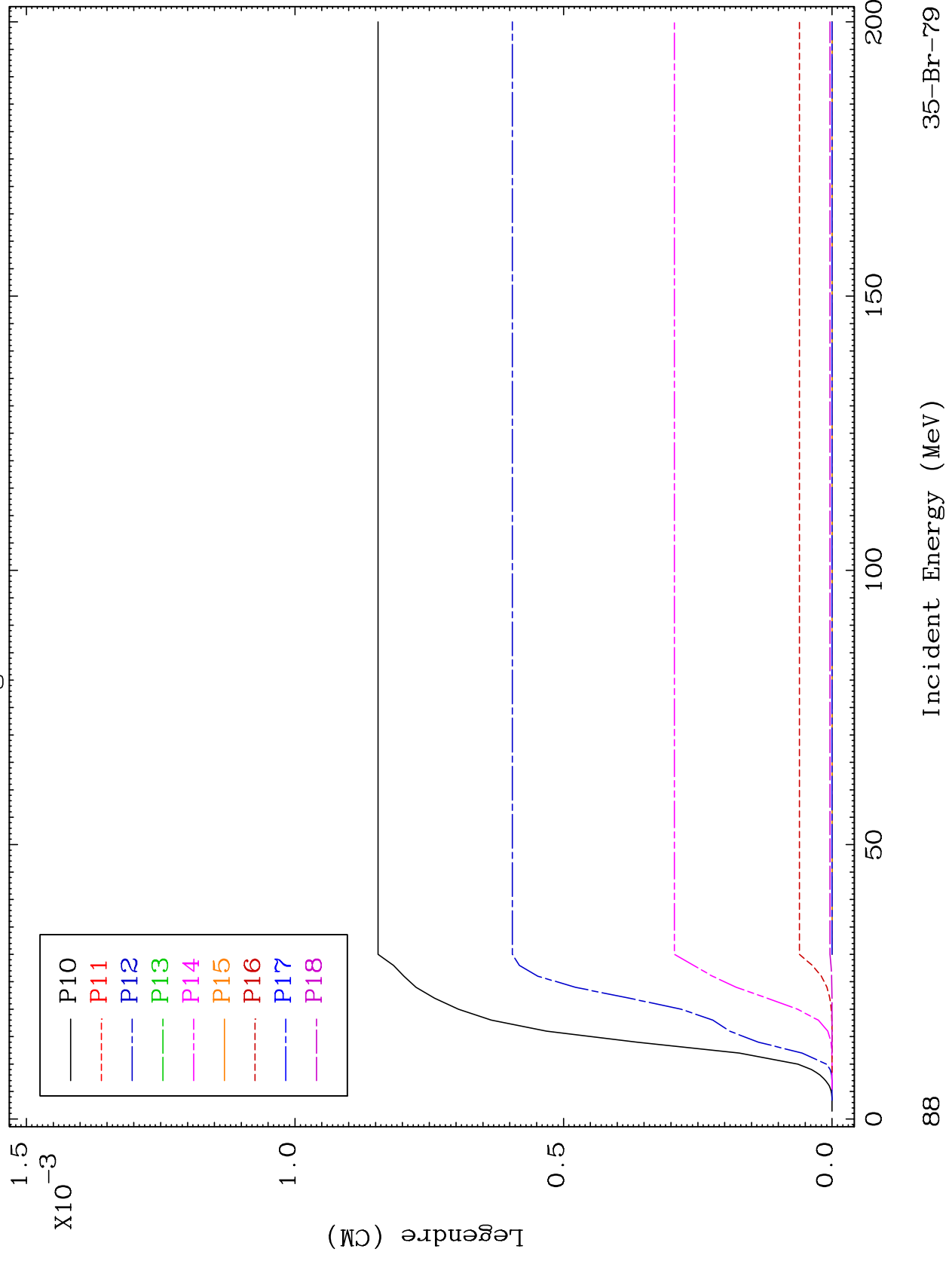
85

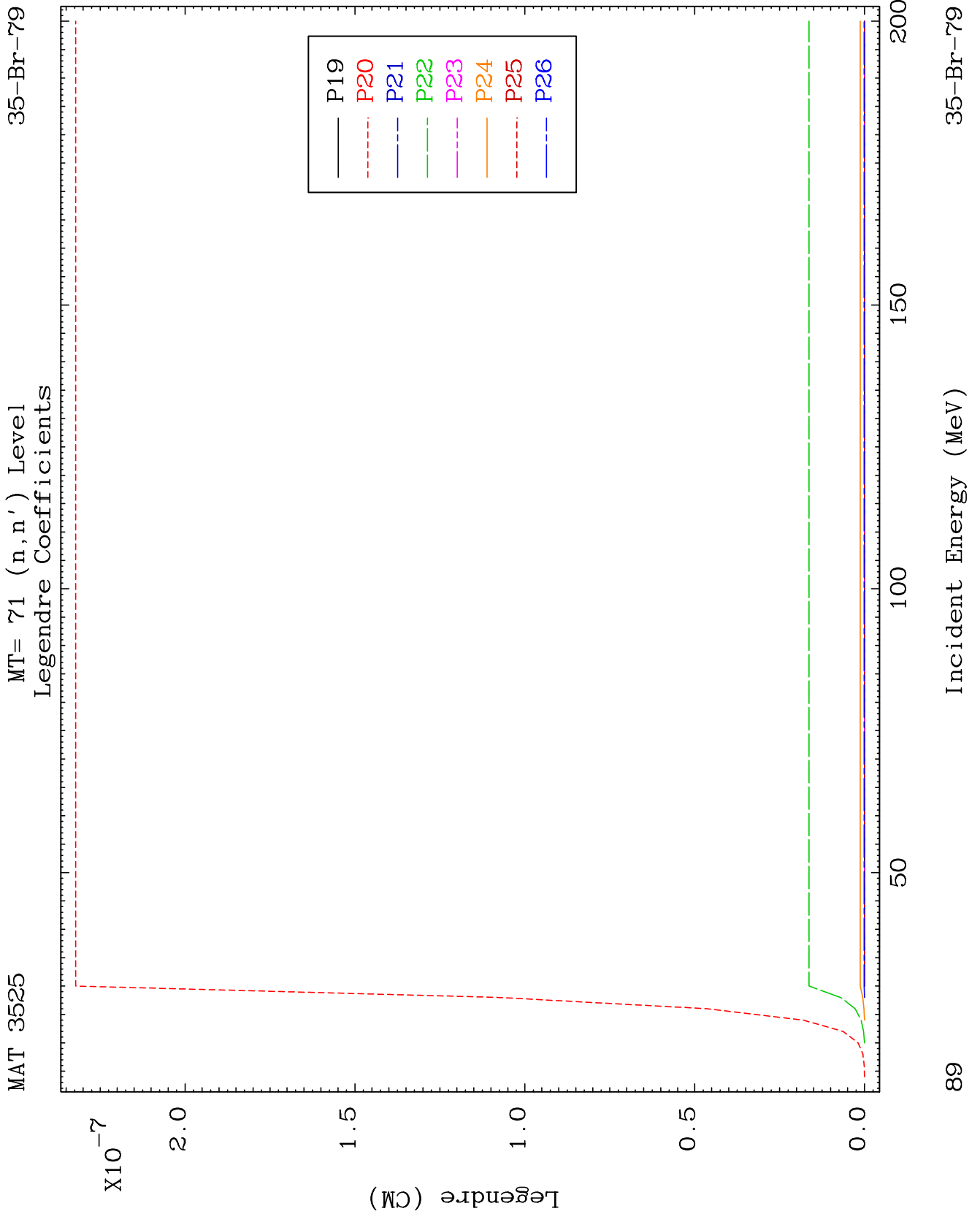
Incident Energy (MeV)

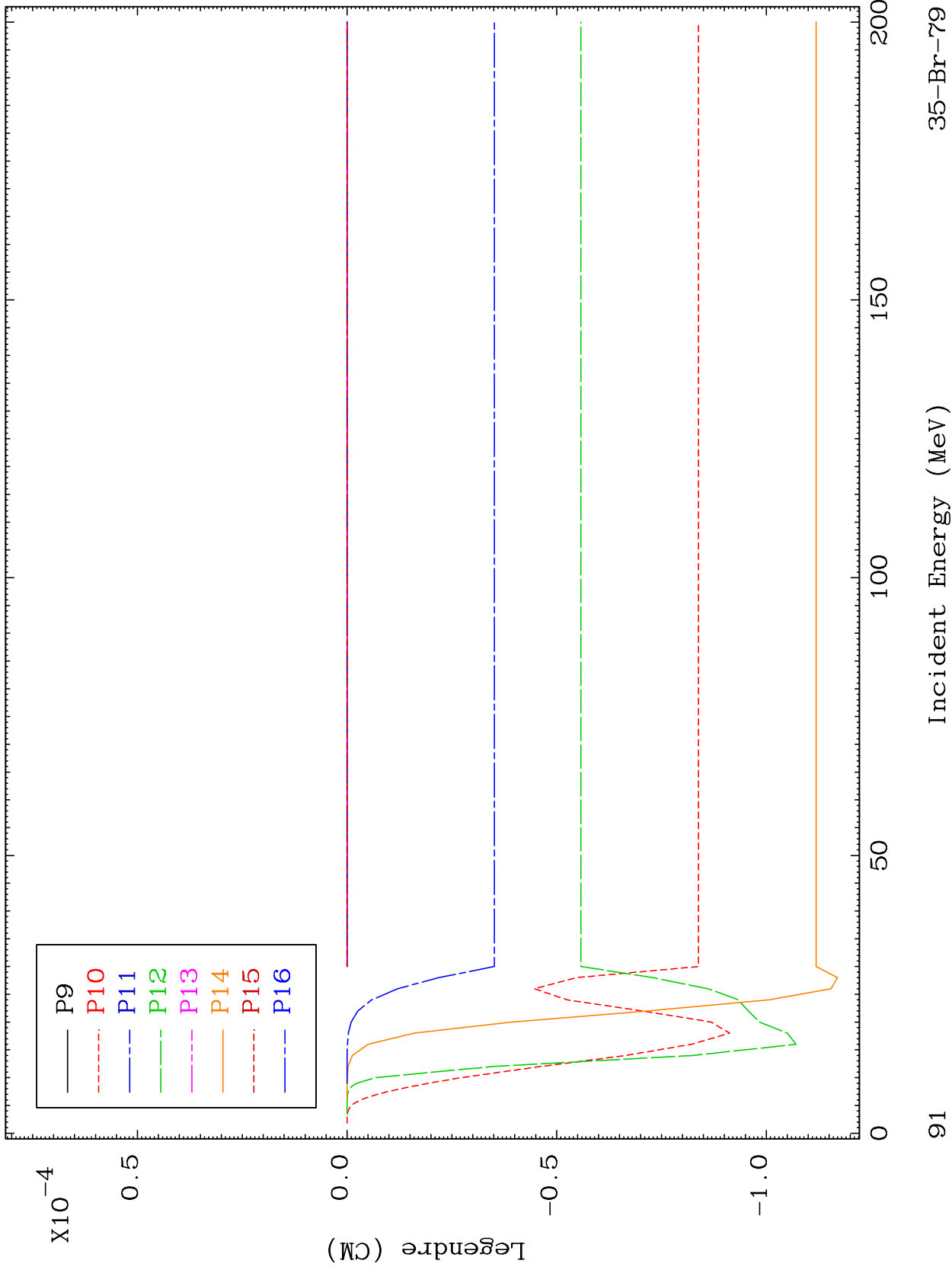
35-Br-79

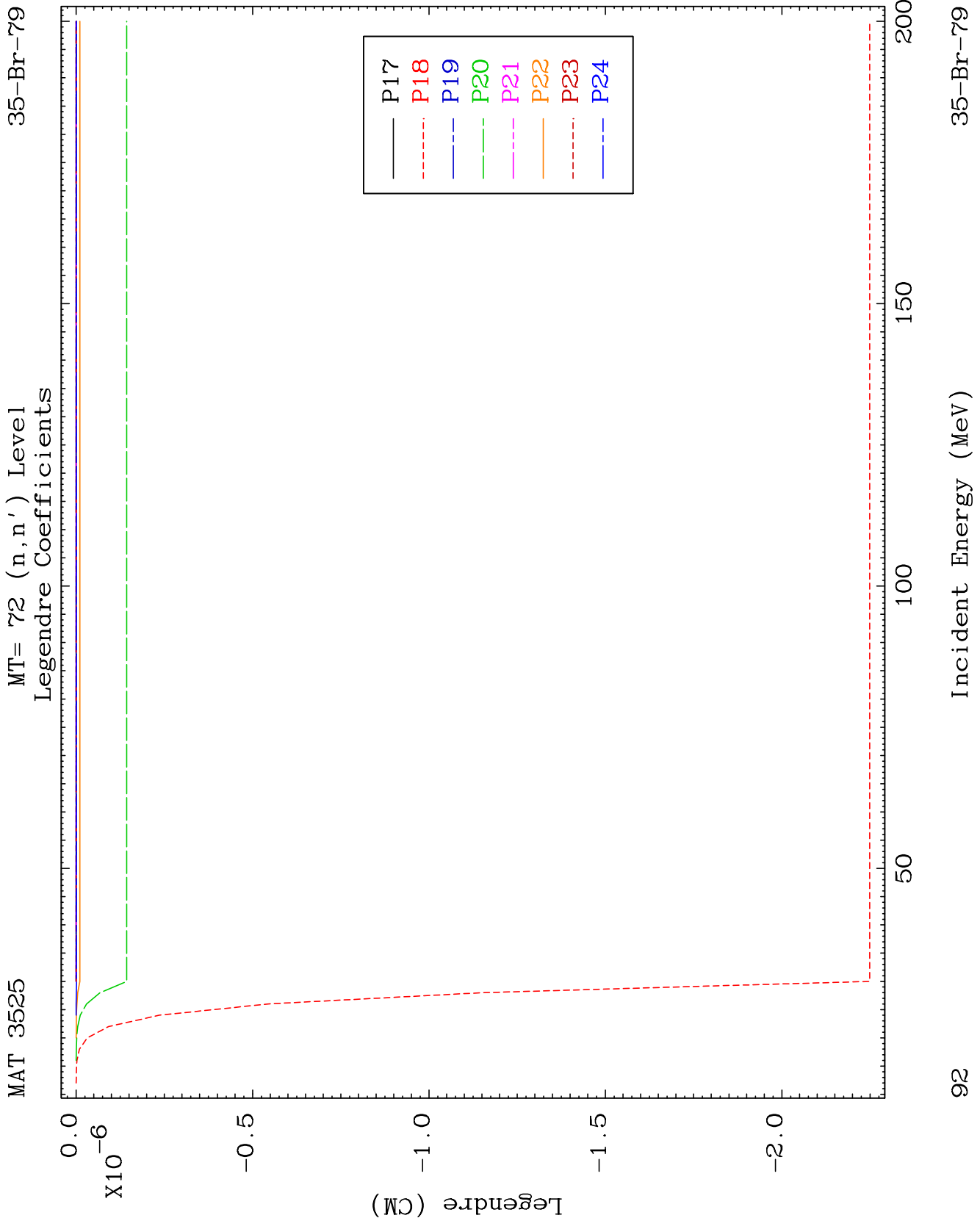


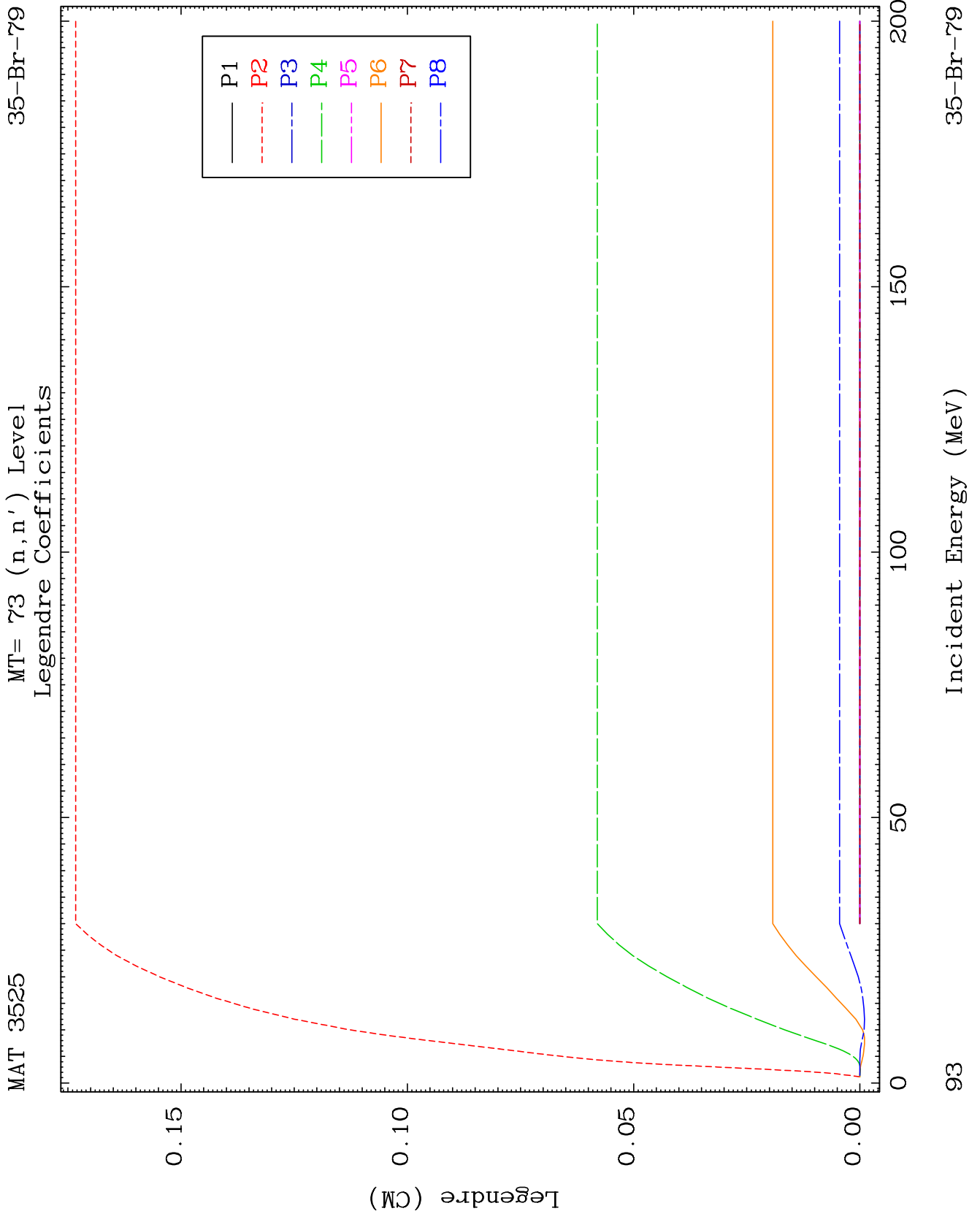








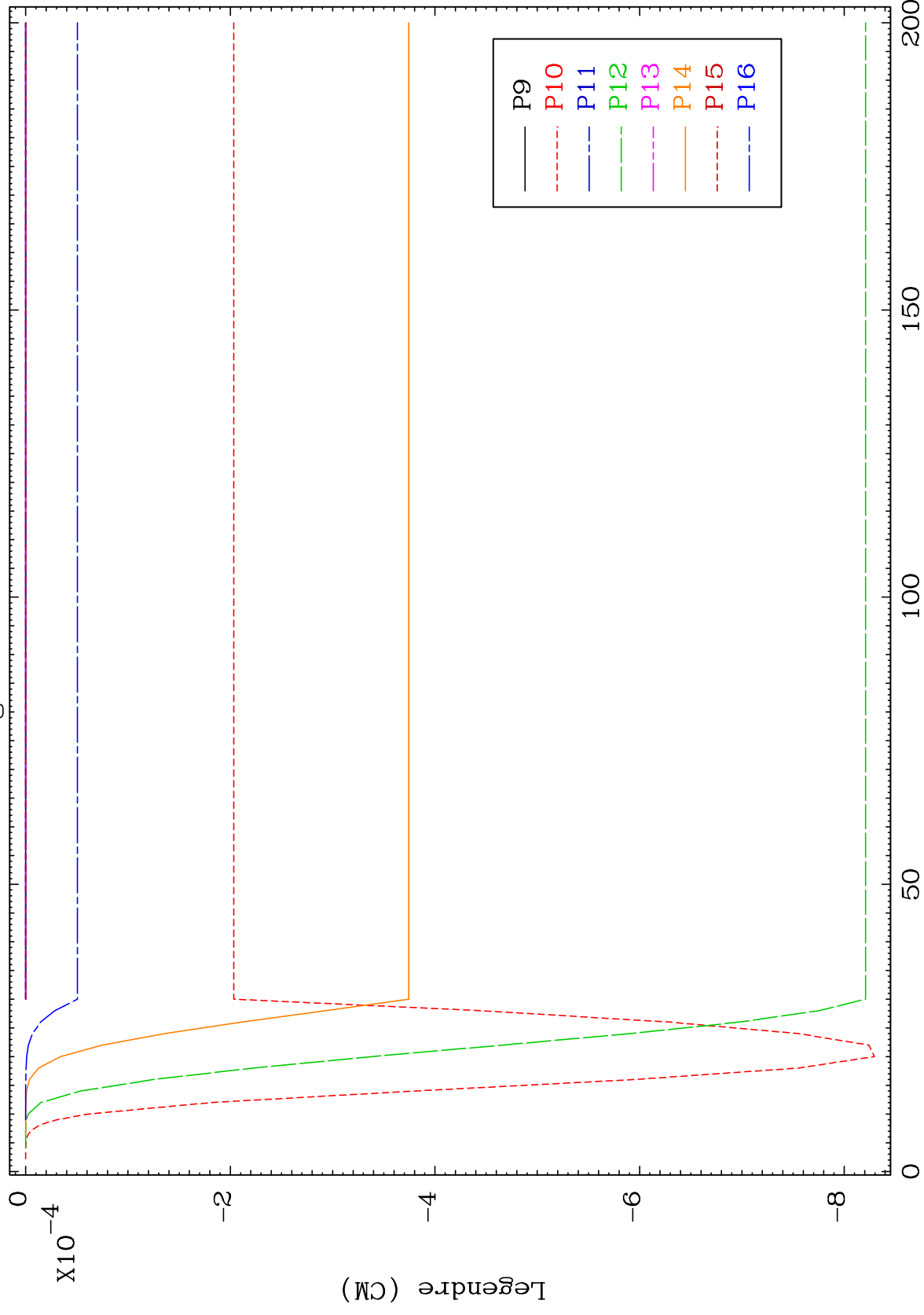




MAT 3525

MT= 73 (n,n') Level
Legendre Coefficients

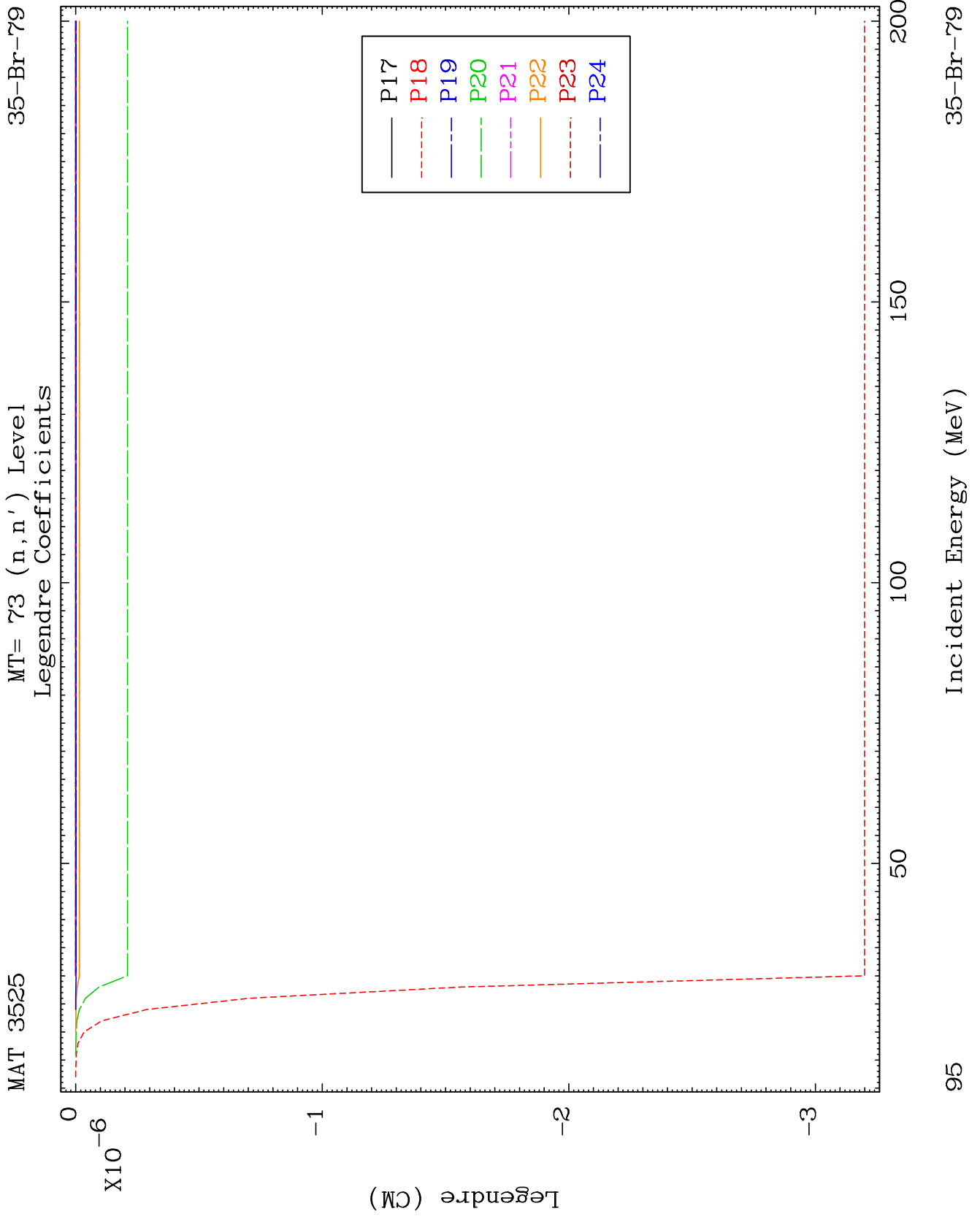
35-Br-79



35-Br-79

Incident Energy (MeV)

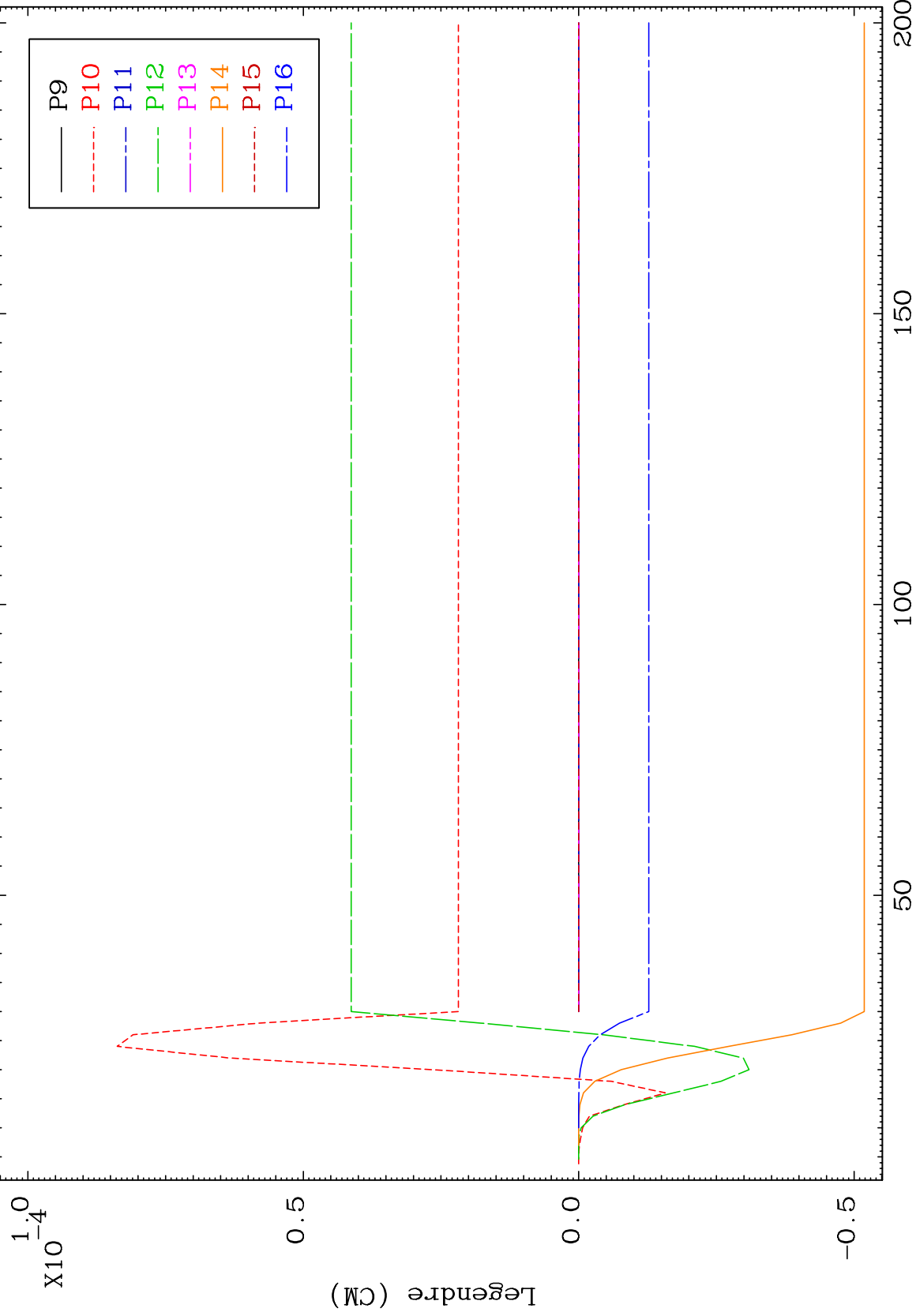
94



MAT 3525

MT= 74 (n,n') Level
Legendre Coefficients

35-Br-79



97

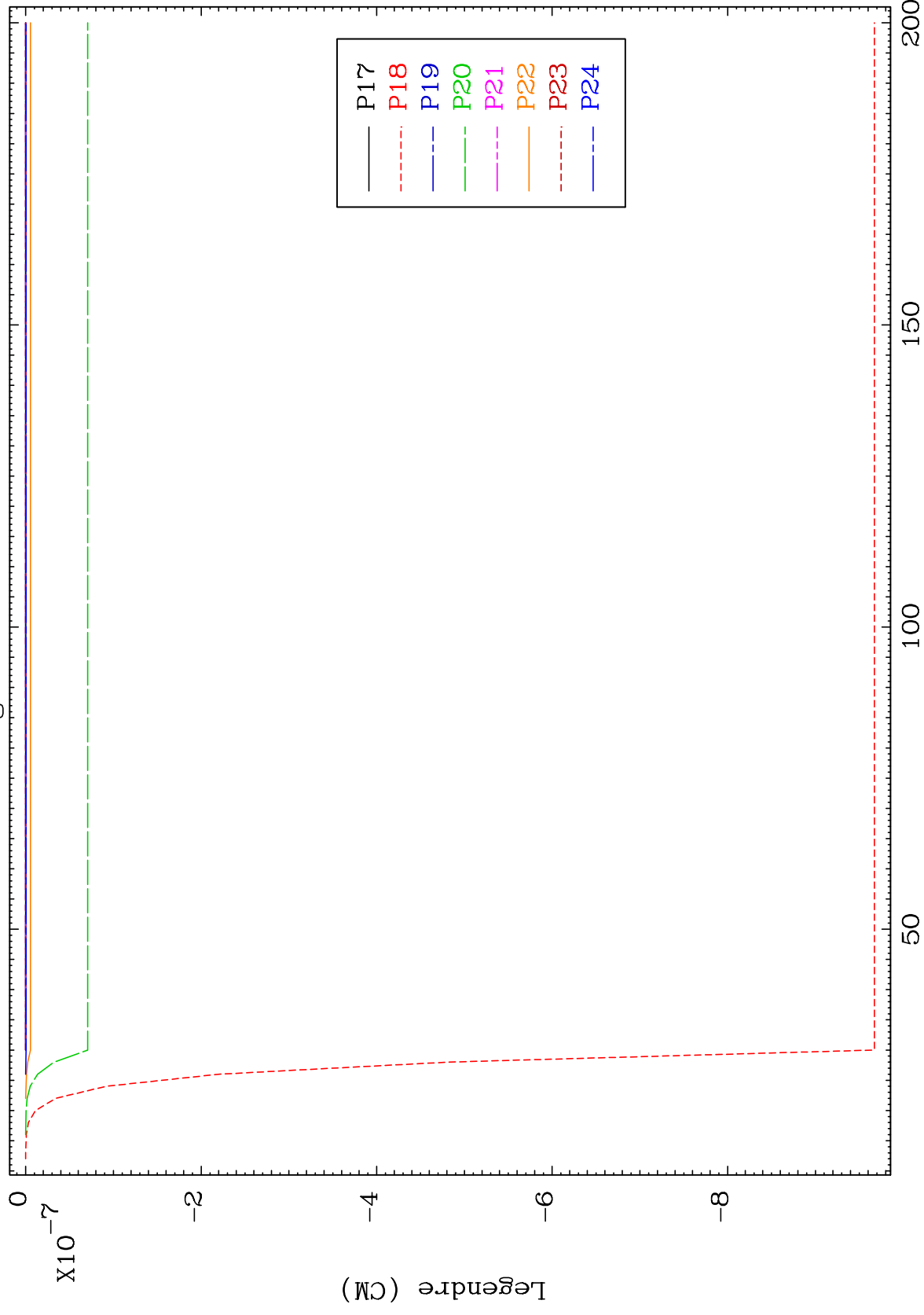
Incident Energy (MeV)

35-Br-79

MAT 3525

MT= 74 (n,n') Level
Legendre Coefficients

35-Br-79



35-Br-79

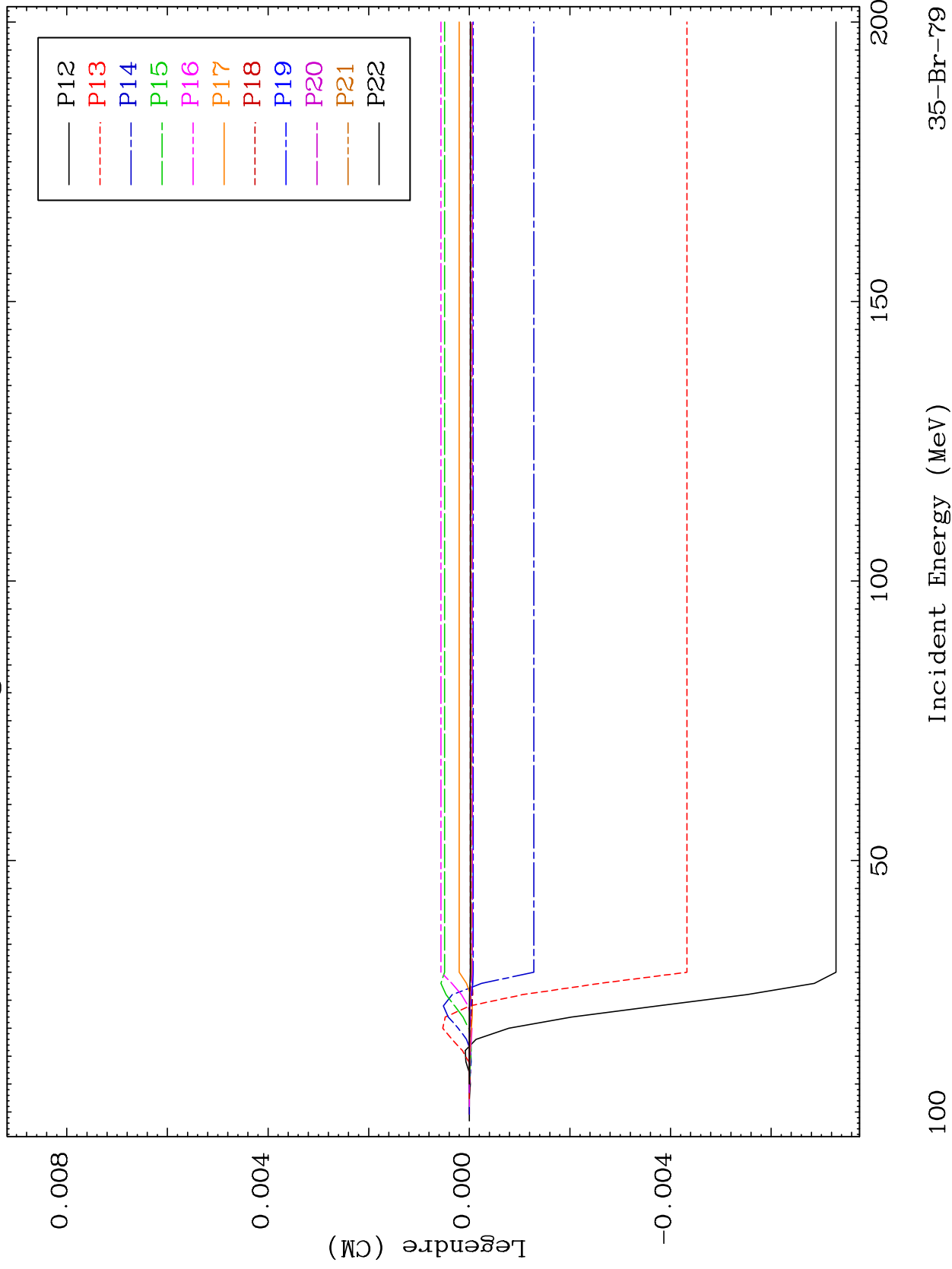
Incident Energy (MeV)

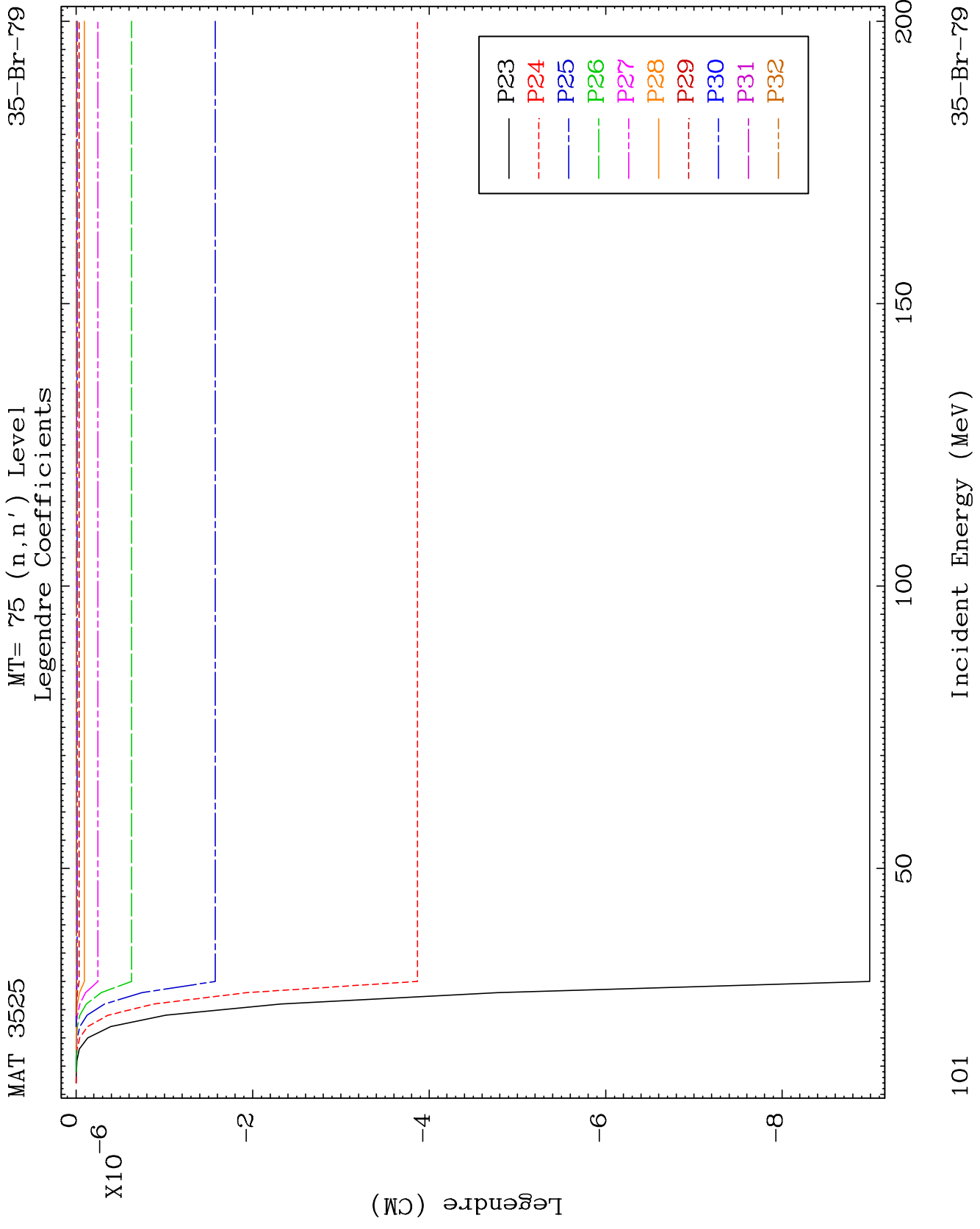
98

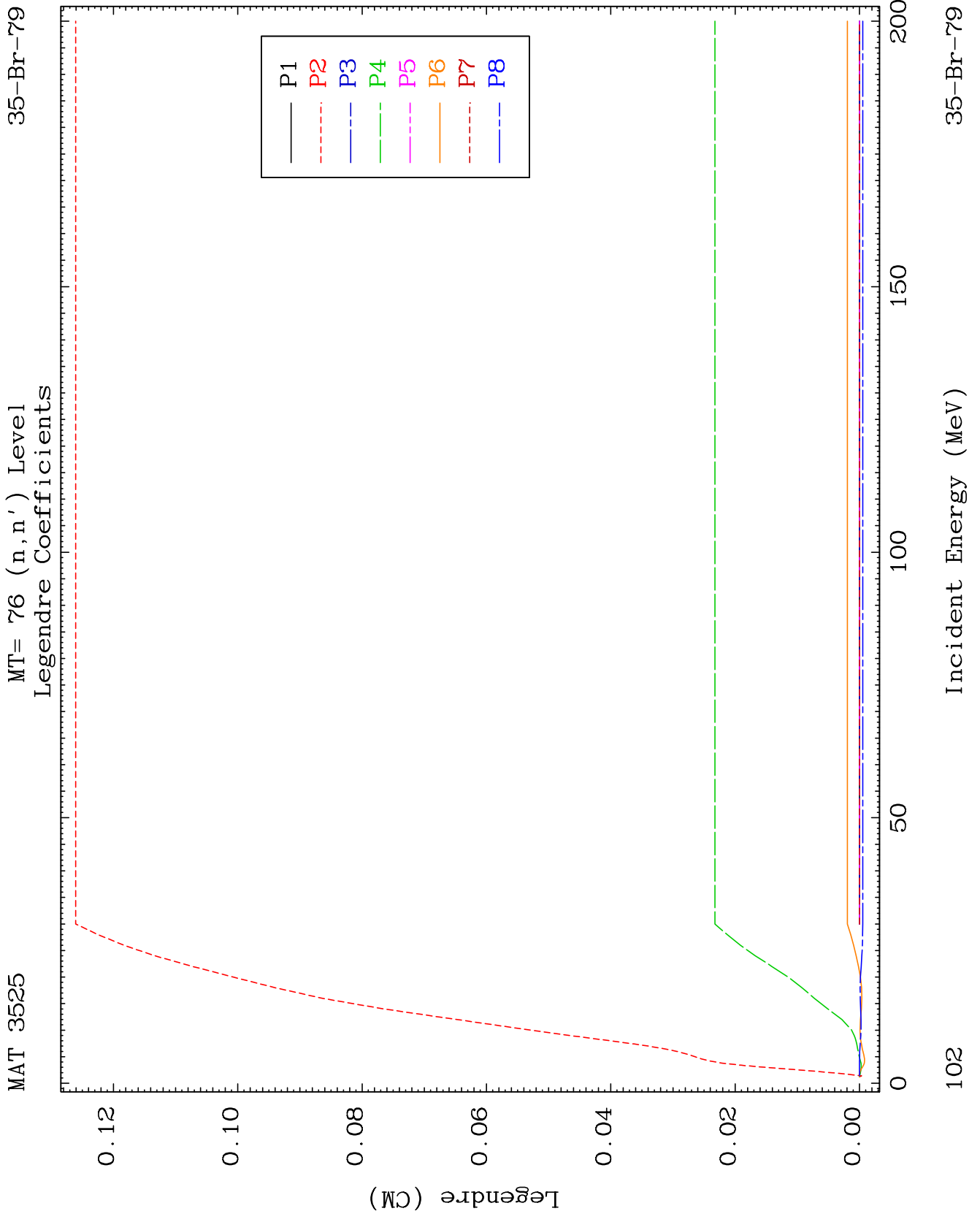
MAT 3525

MT= 75 (n,n') Level
Legendre Coefficients

35-Br-79



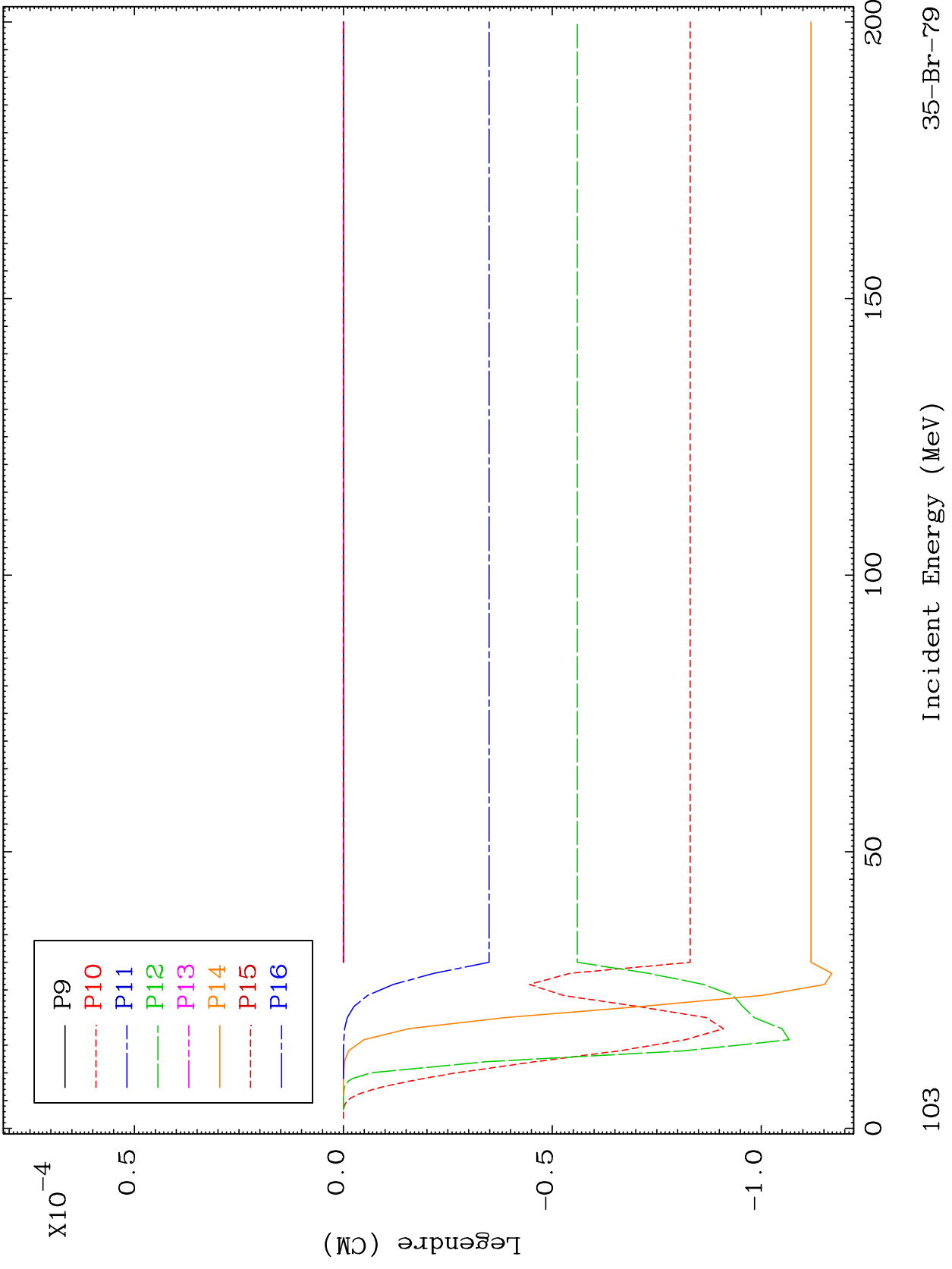




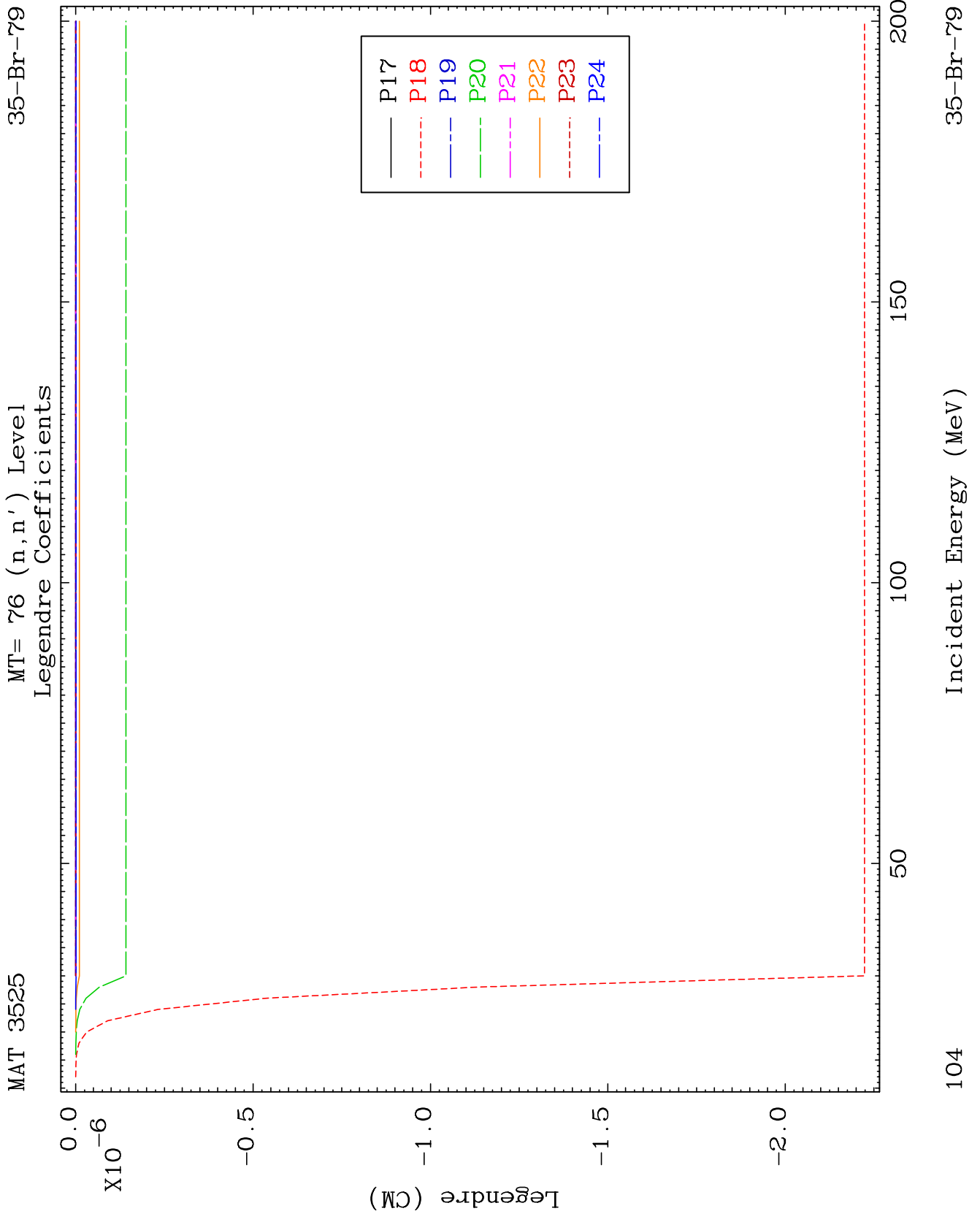
MAT 3525

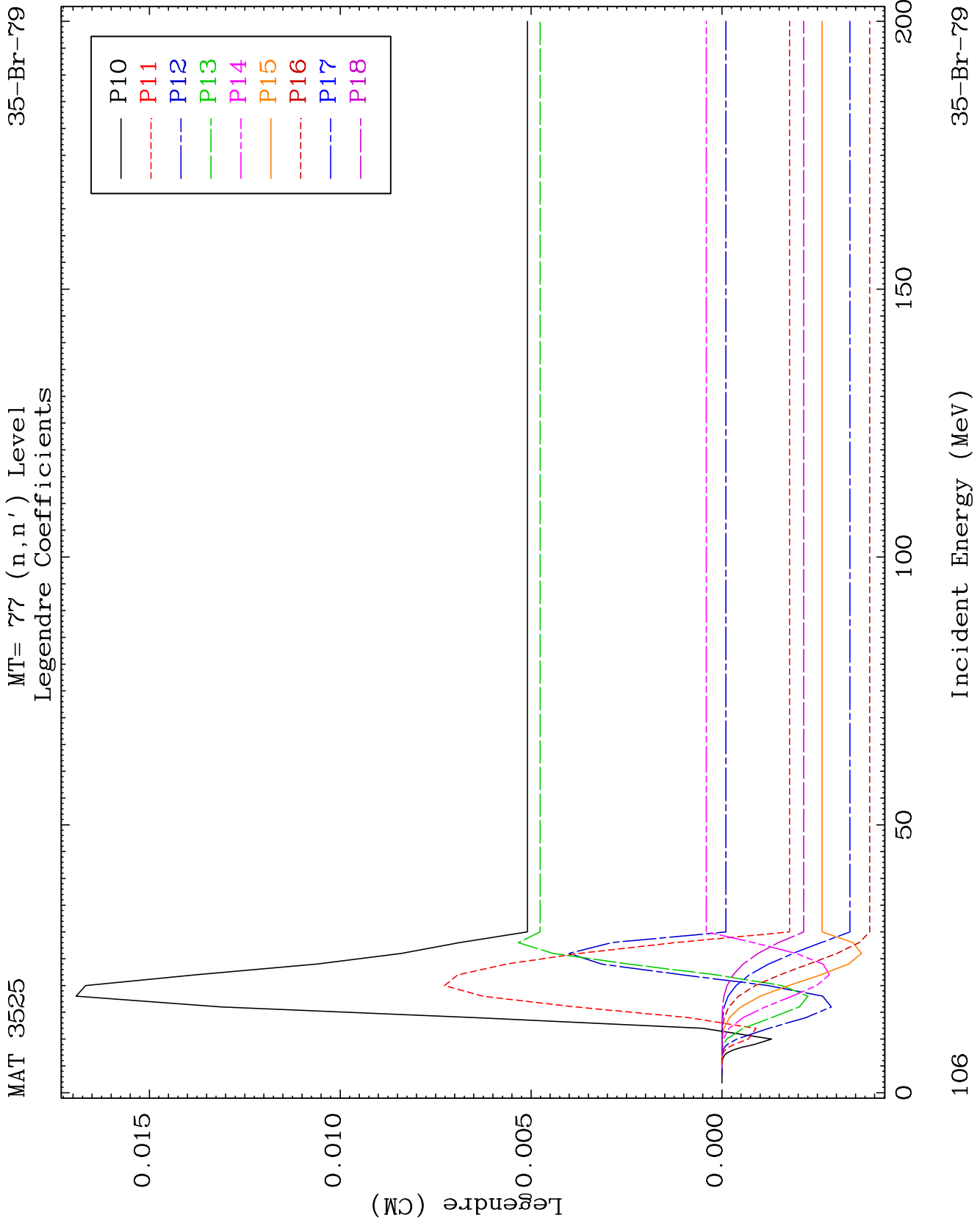
MT= 76 (n,n') Level
Legendre Coefficients

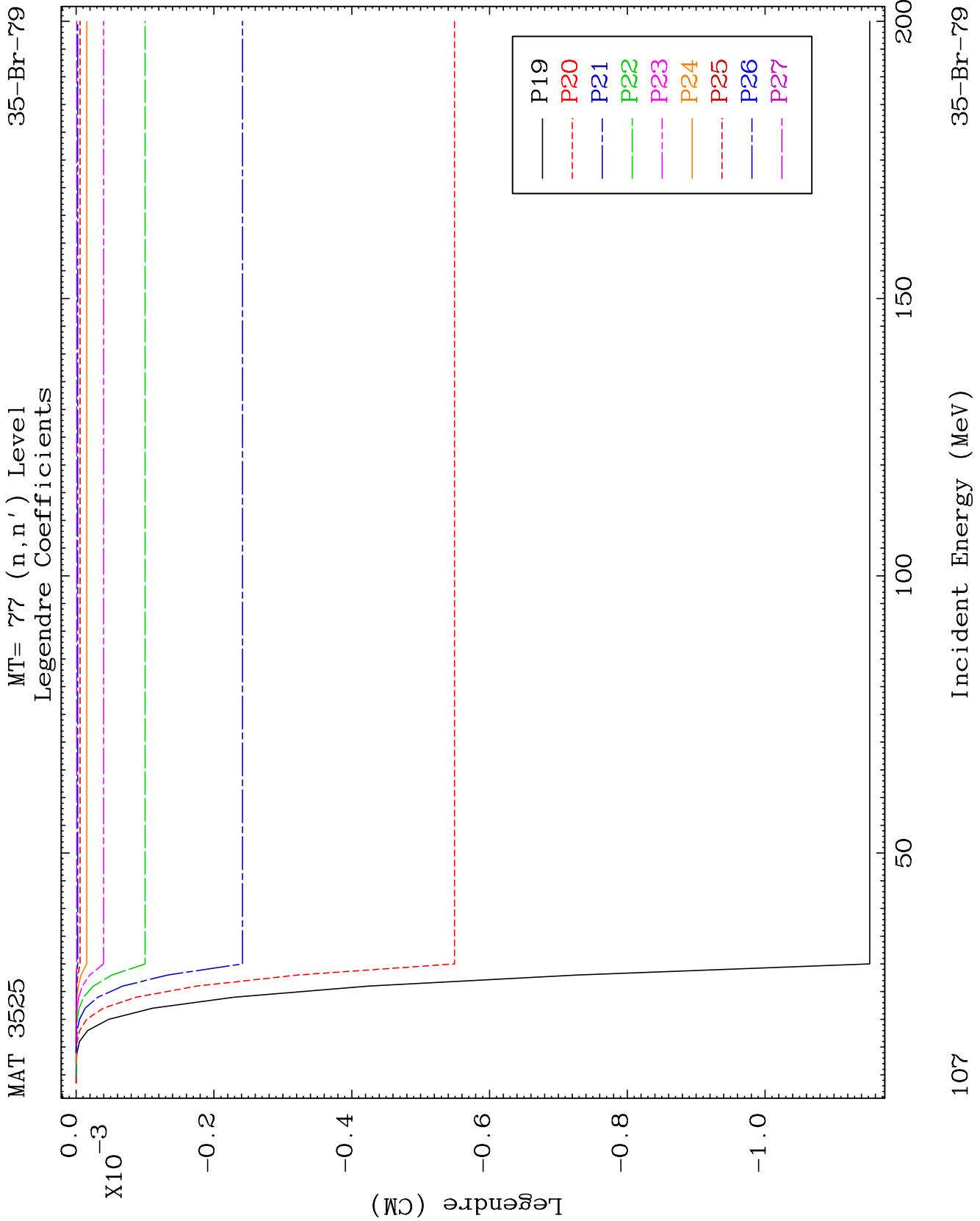
35-Br-79

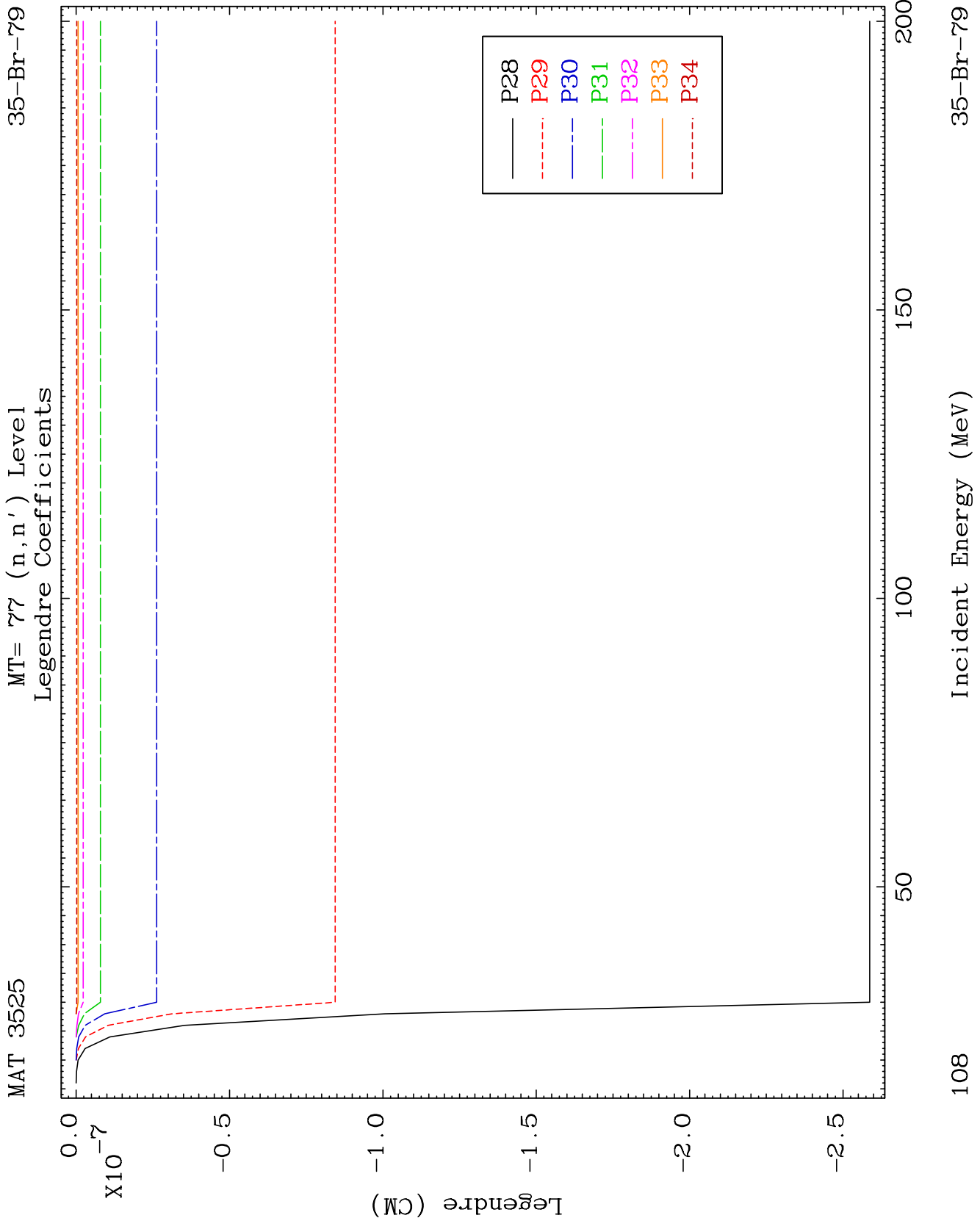


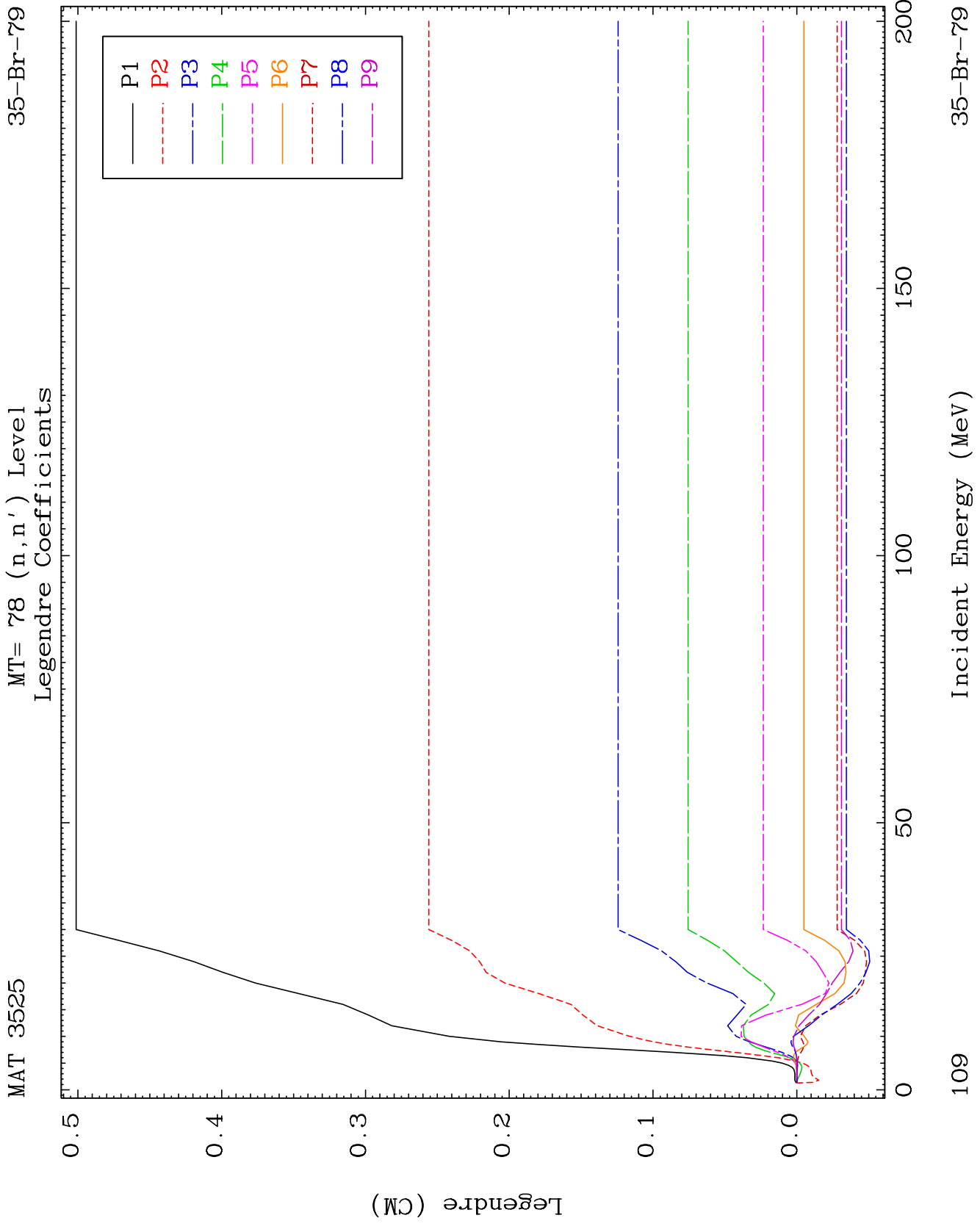
103

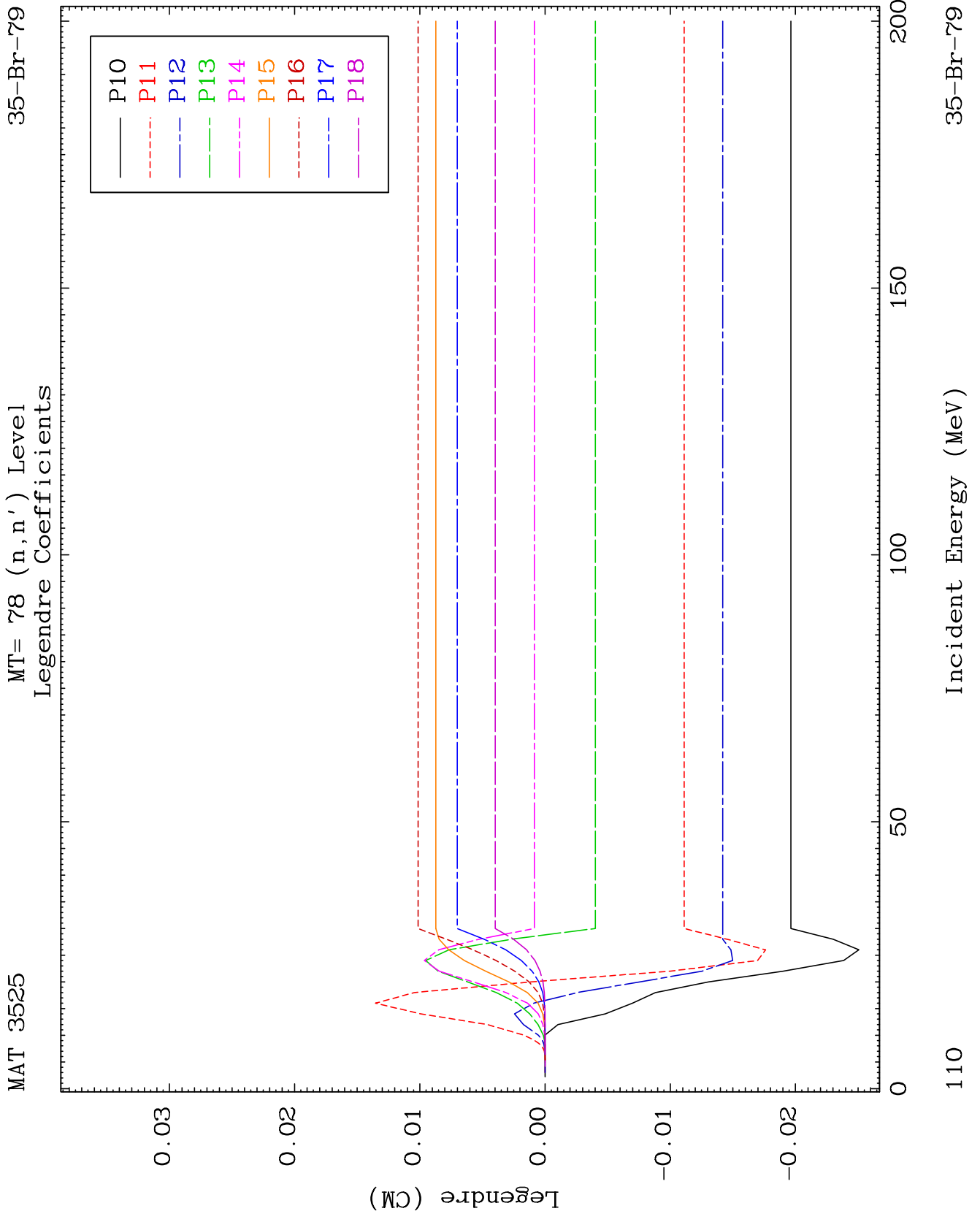








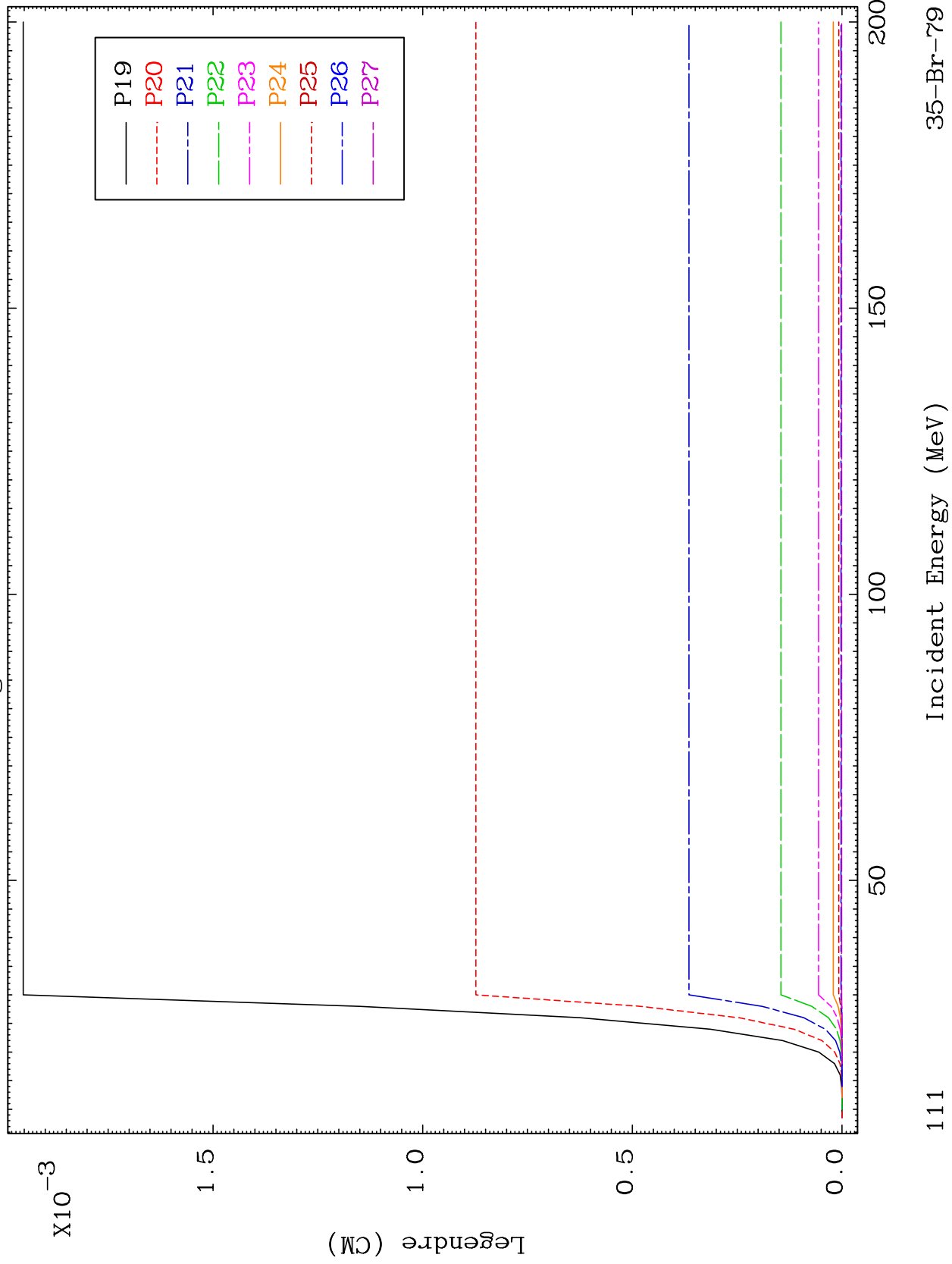




MAT 3525

MT= 78 (n,n') Level
Legendre Coefficients

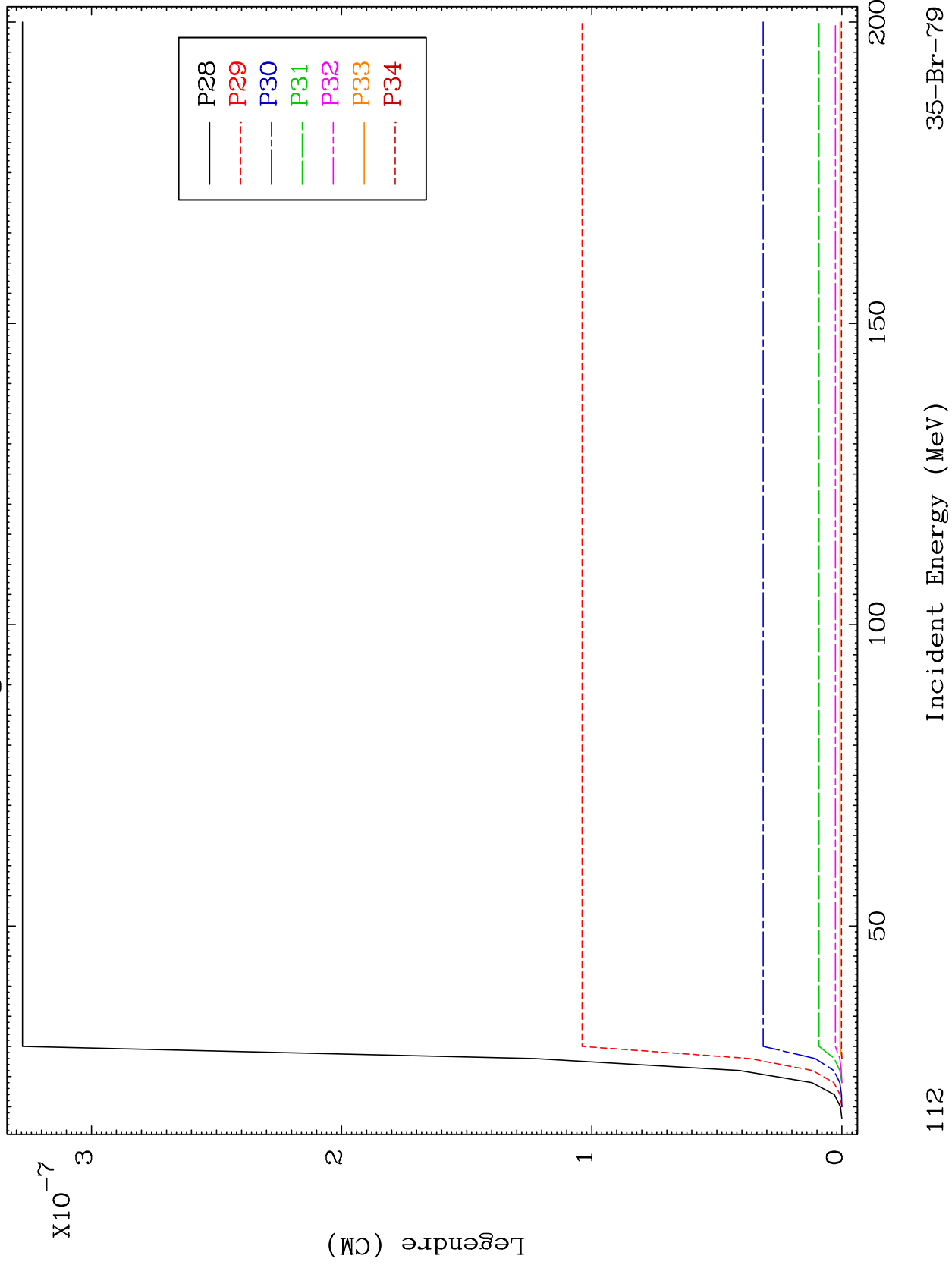
35-Br-79

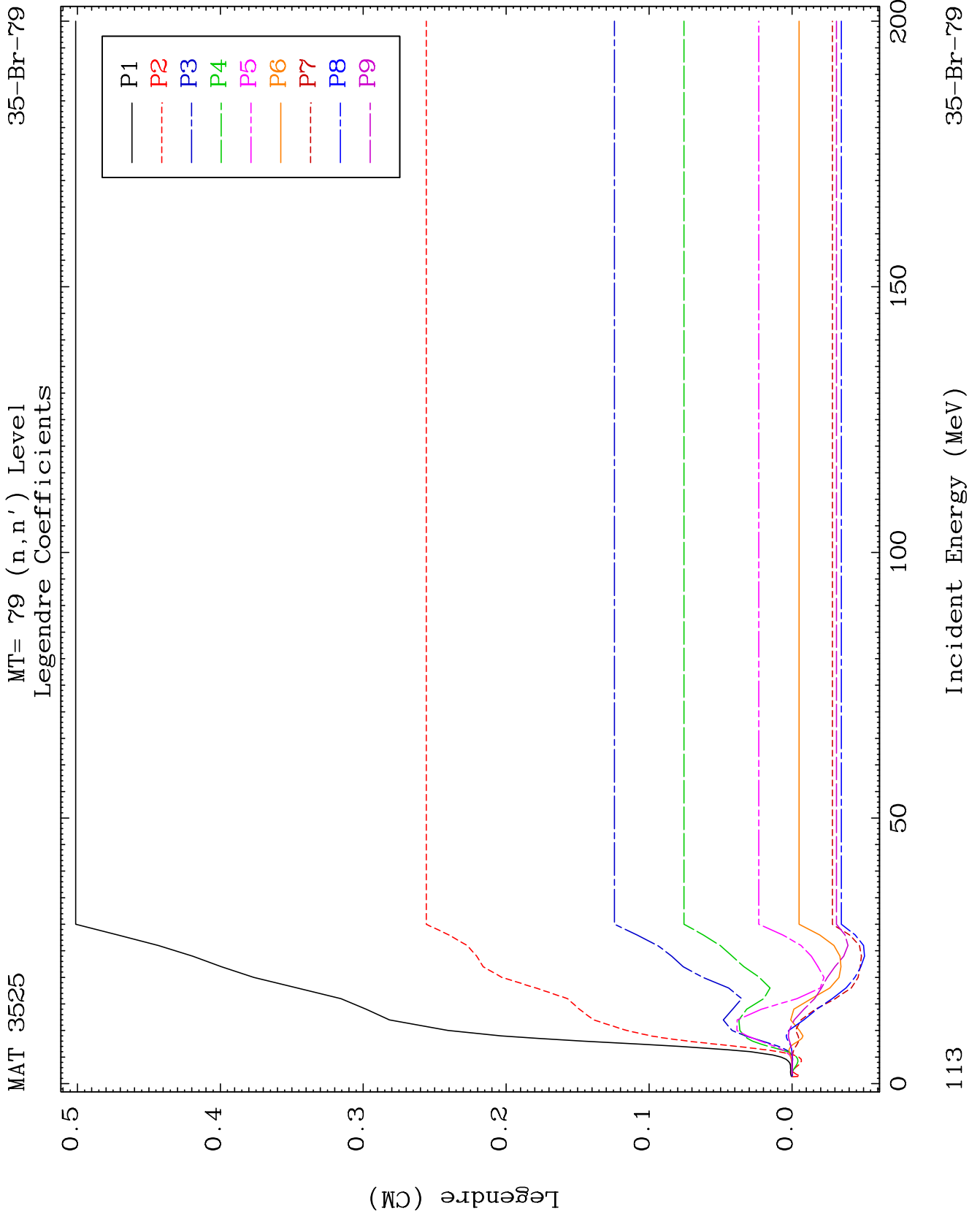


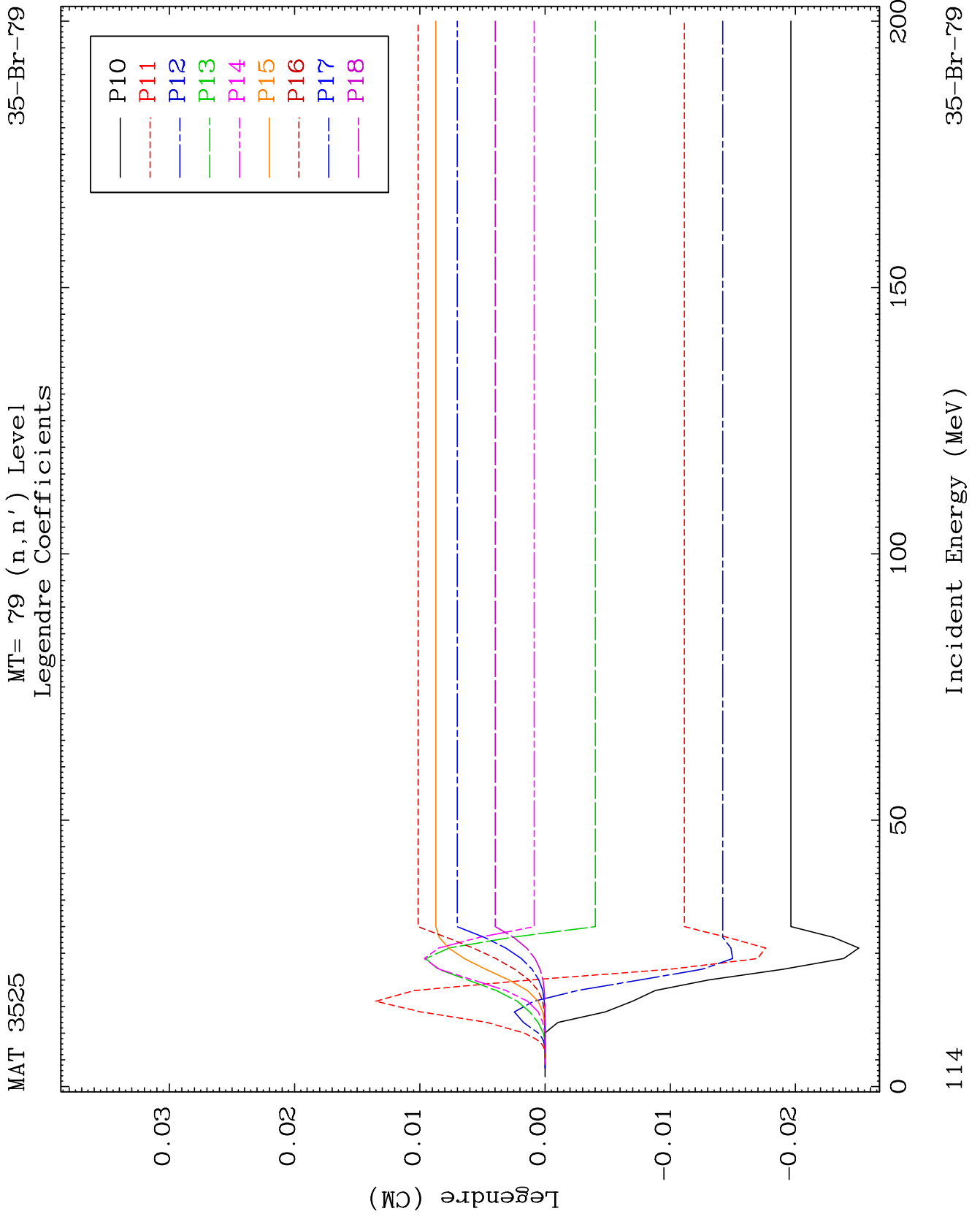
MAT 3525

MT= 78 (n,n') Level
Legendre Coefficients

35-Br-79



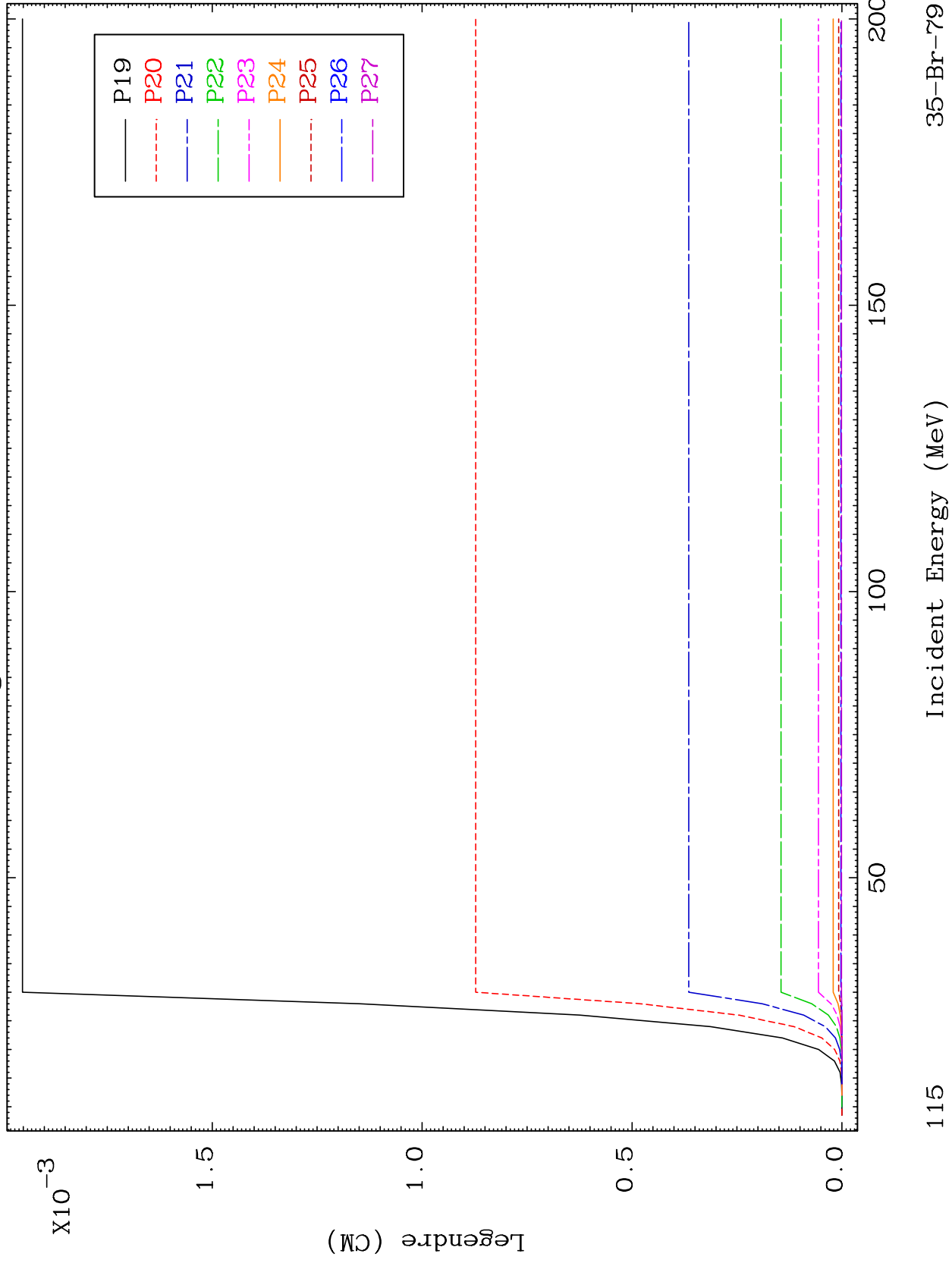




MAT 3525

MT= 79 (n,n') Level
Legendre Coefficients

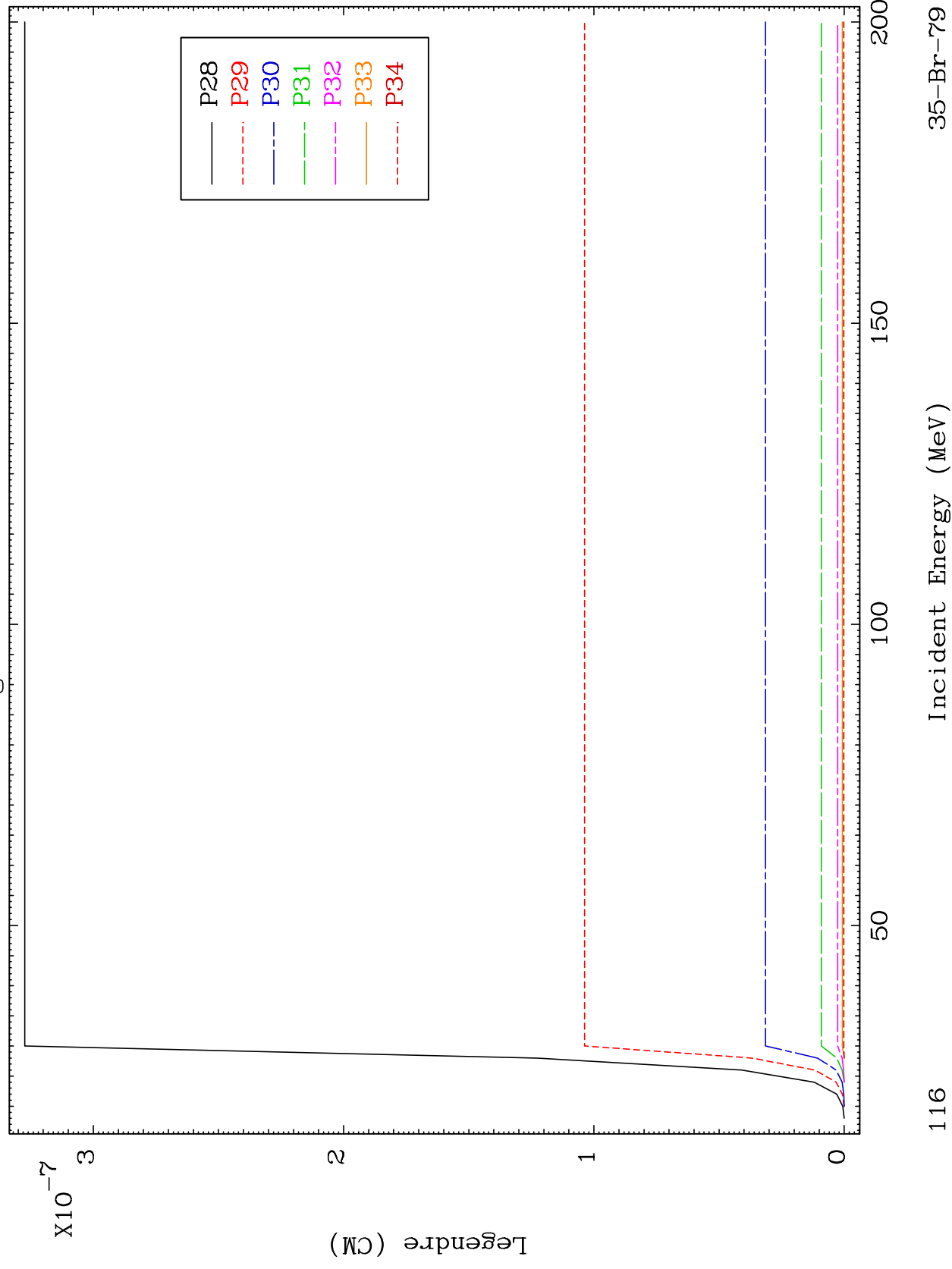
35-Br-79

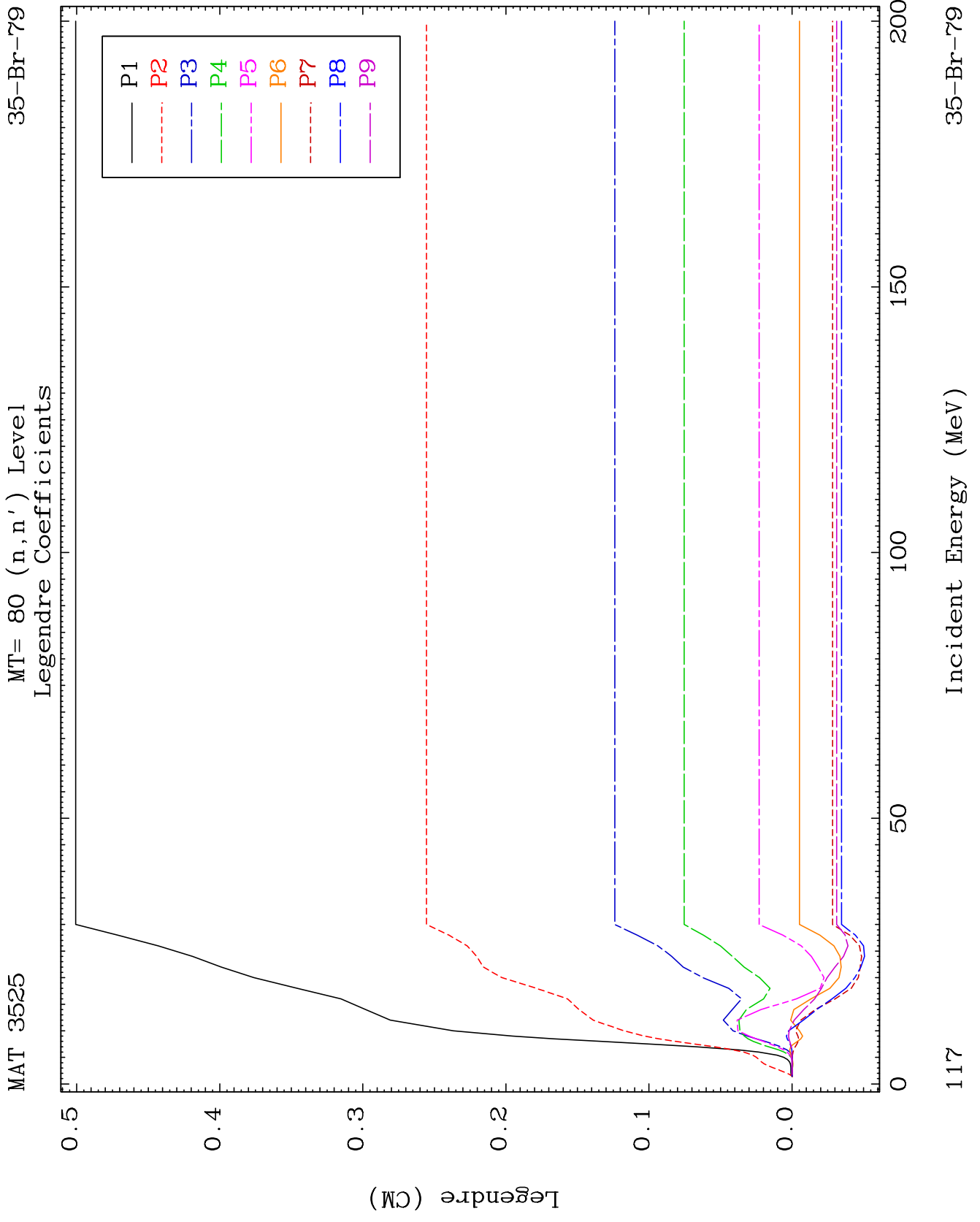


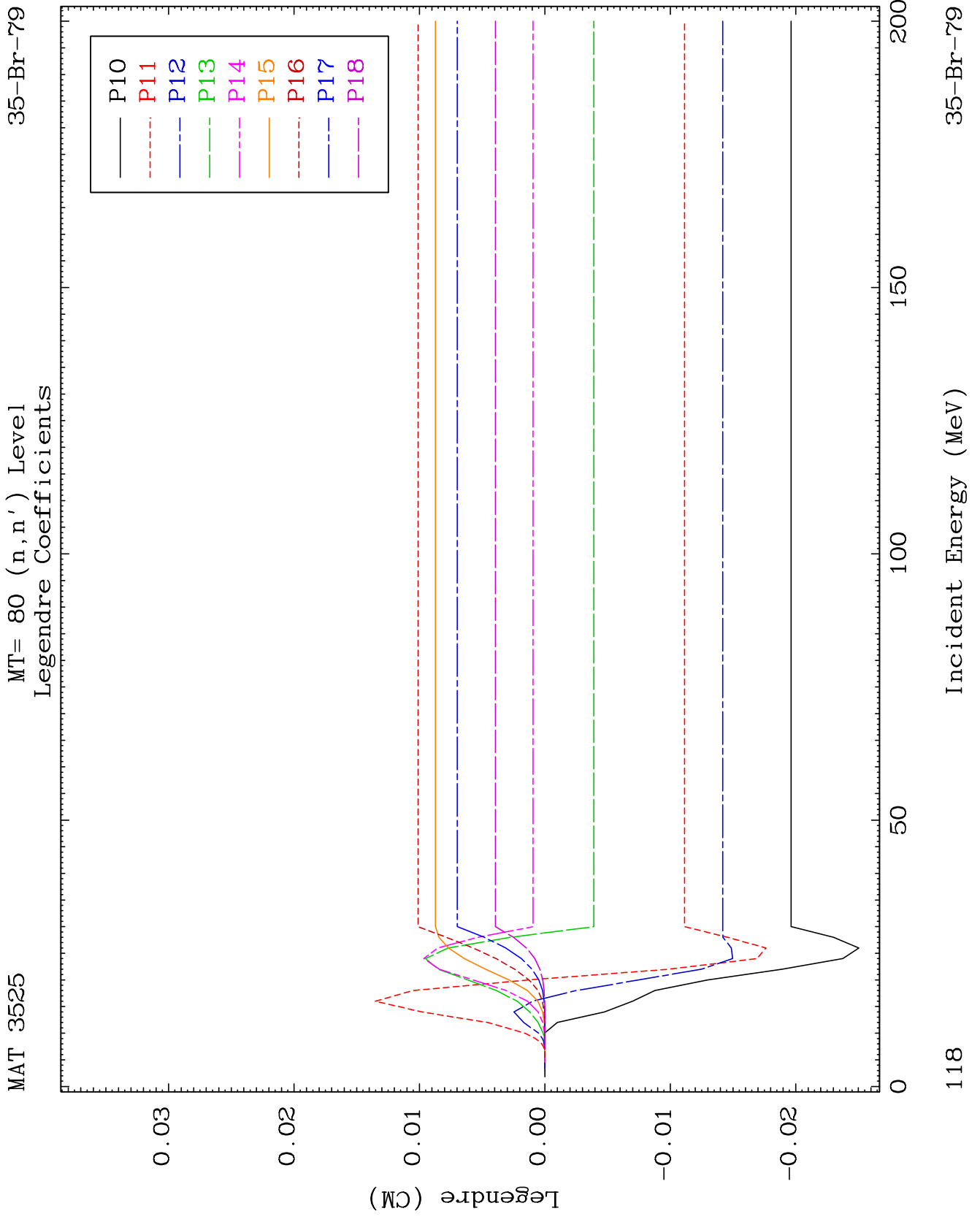
MAT 3525

MT= 79 (n,n') Level
Legendre Coefficients

35-Br-79



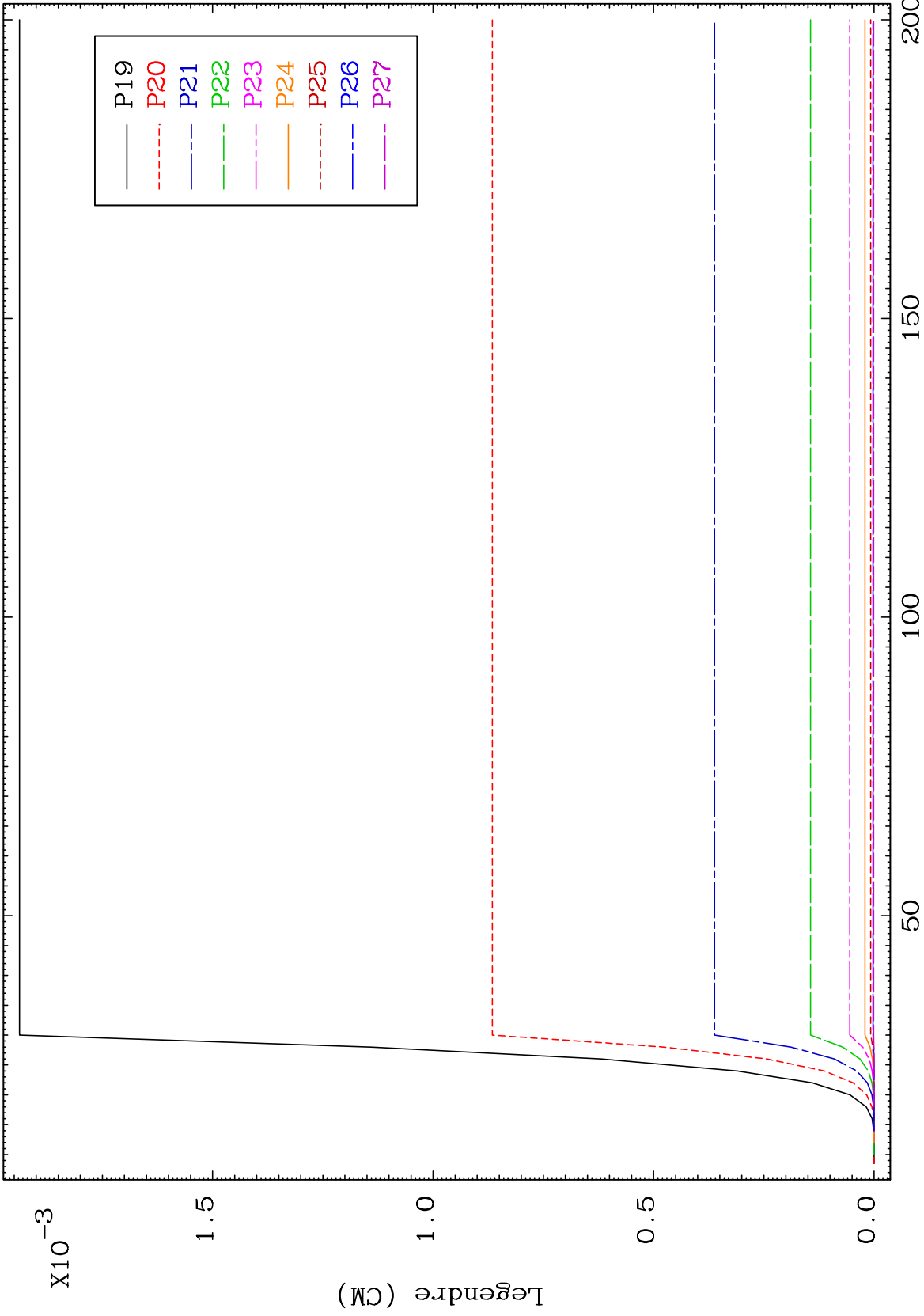




MAT 3525

MT= 80 (n,n') Level
Legendre Coefficients

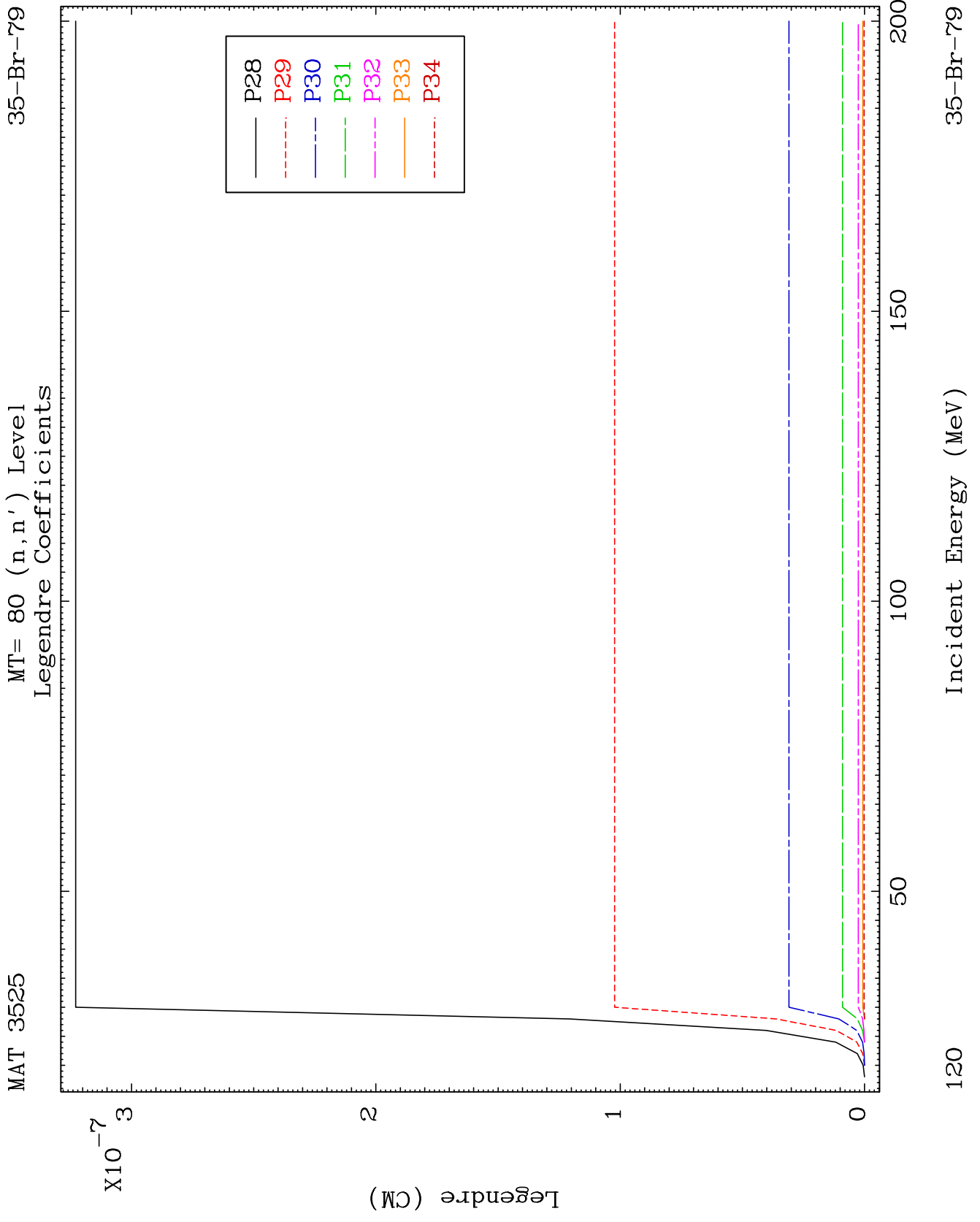
35-Br-79



119

Incident Energy (MeV)

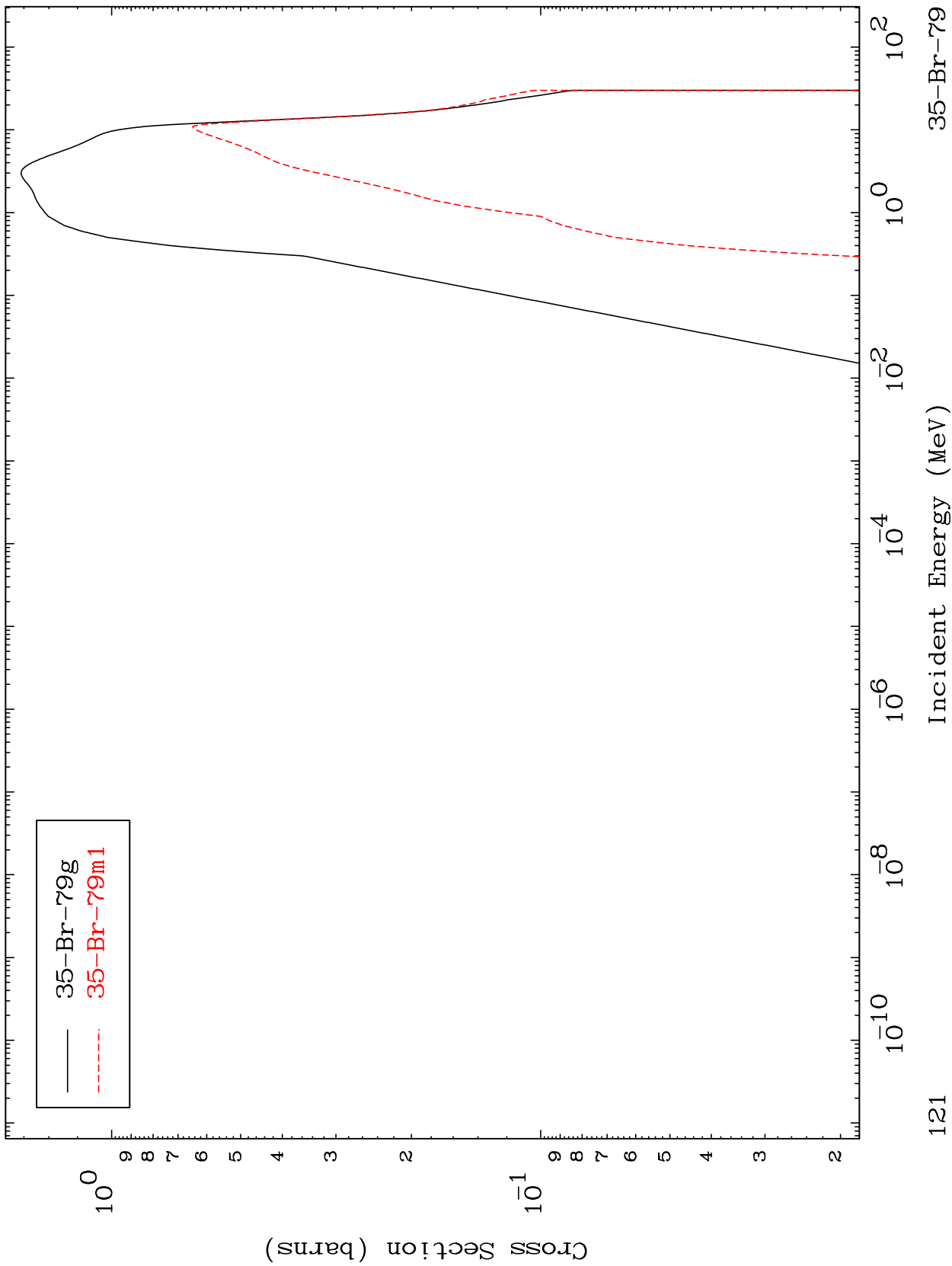
35-Br-79



MAT 3525

Inelastic
Radionuclide Production Cross Section

35-Br-79

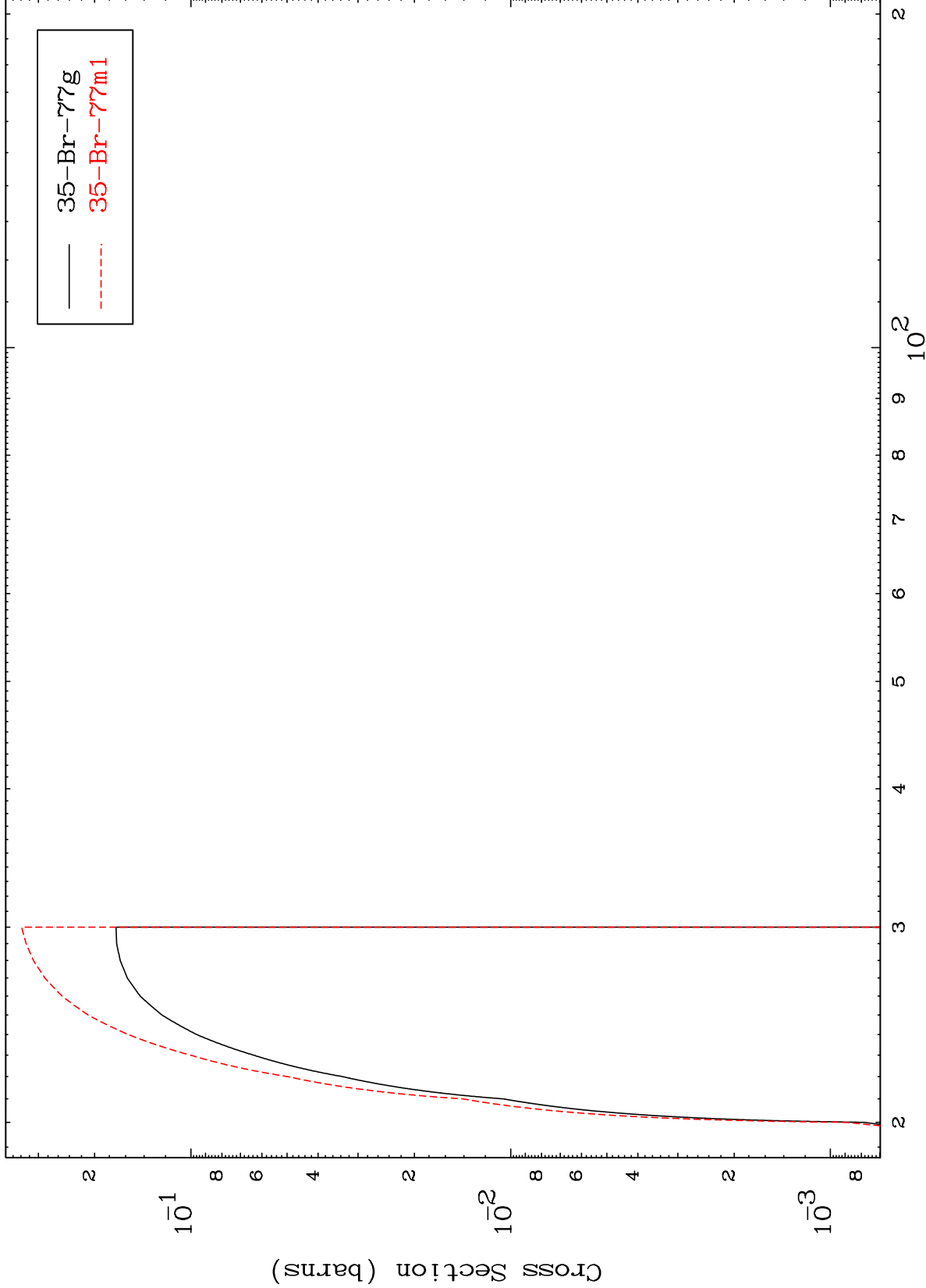


MAT 3525

(n,3n)

35-Br-79

Radionuclide Production Cross Section

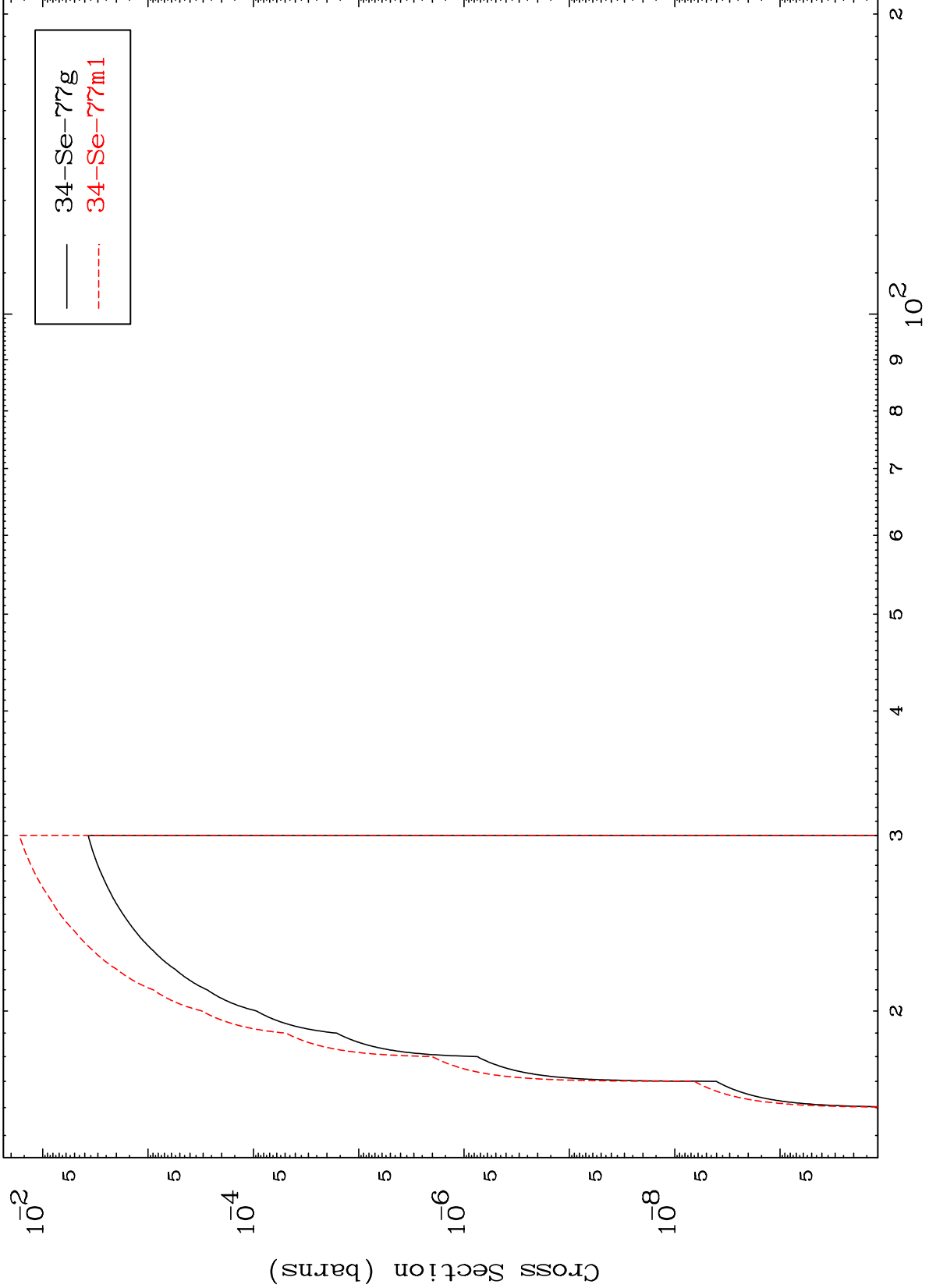


122

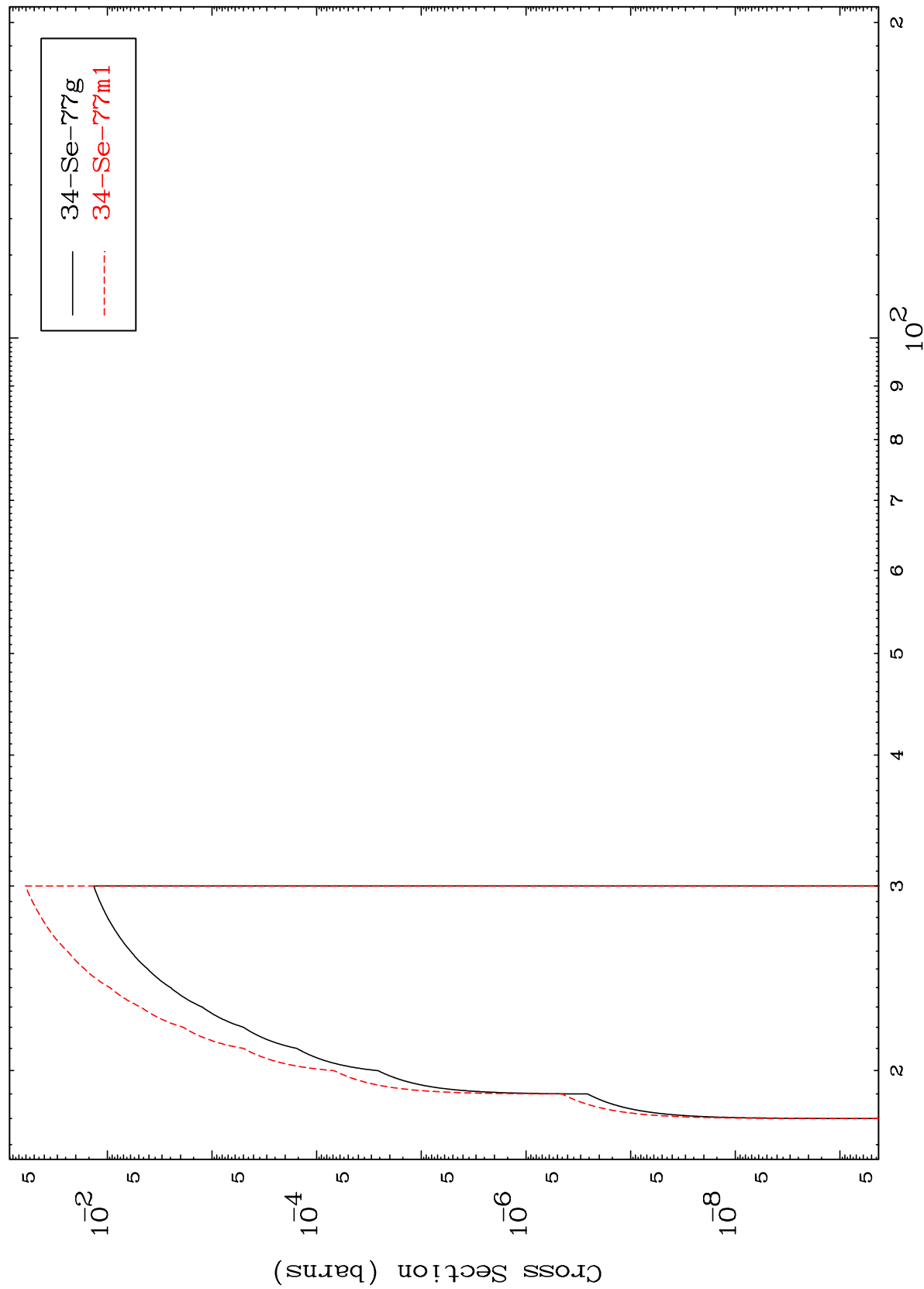
Incident Energy (MeV)

35-Br-79

Radionuclide Production Cross Section



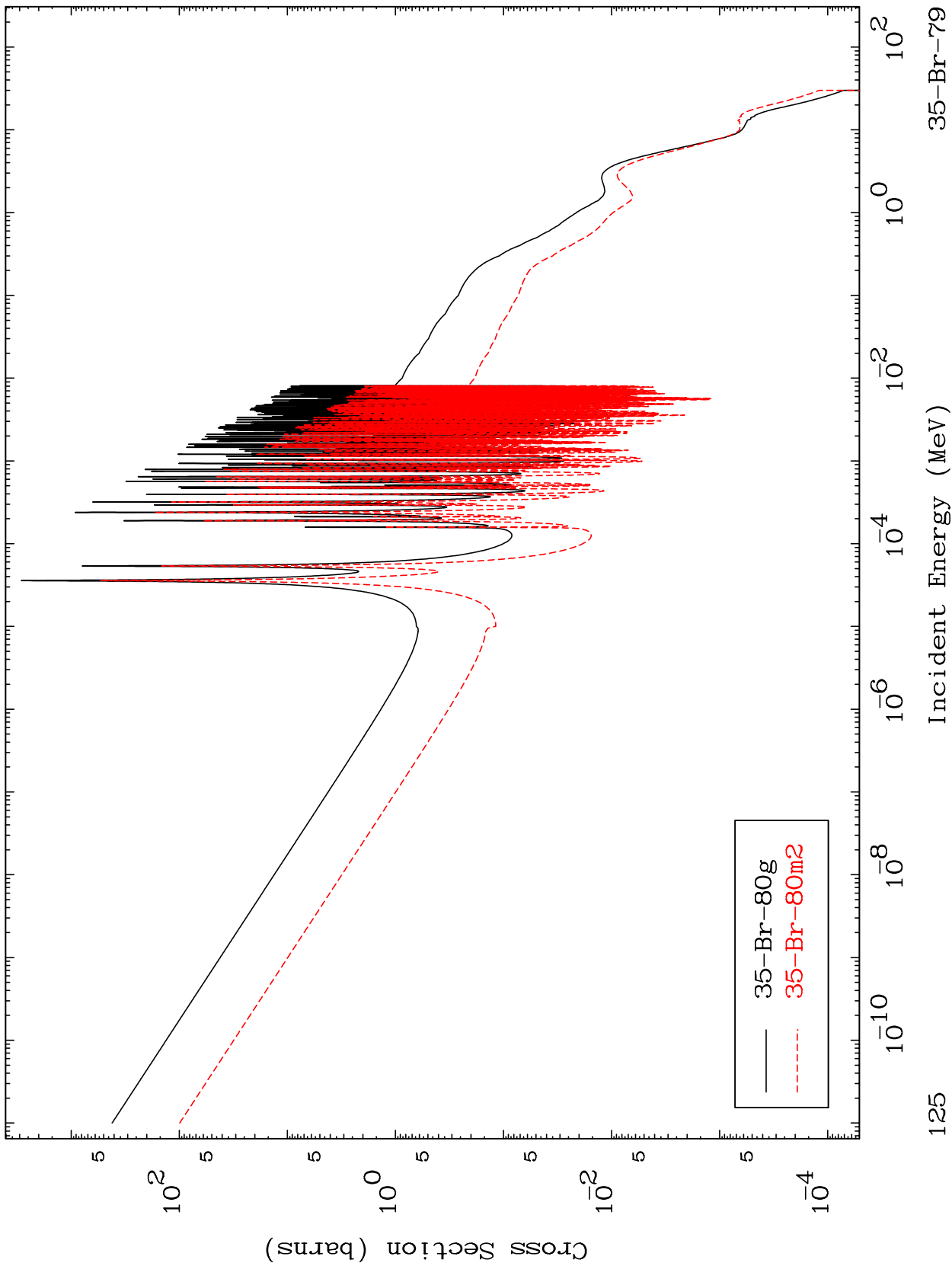
Radionuclide Production Cross Section



MAT 3525

35-Br-79

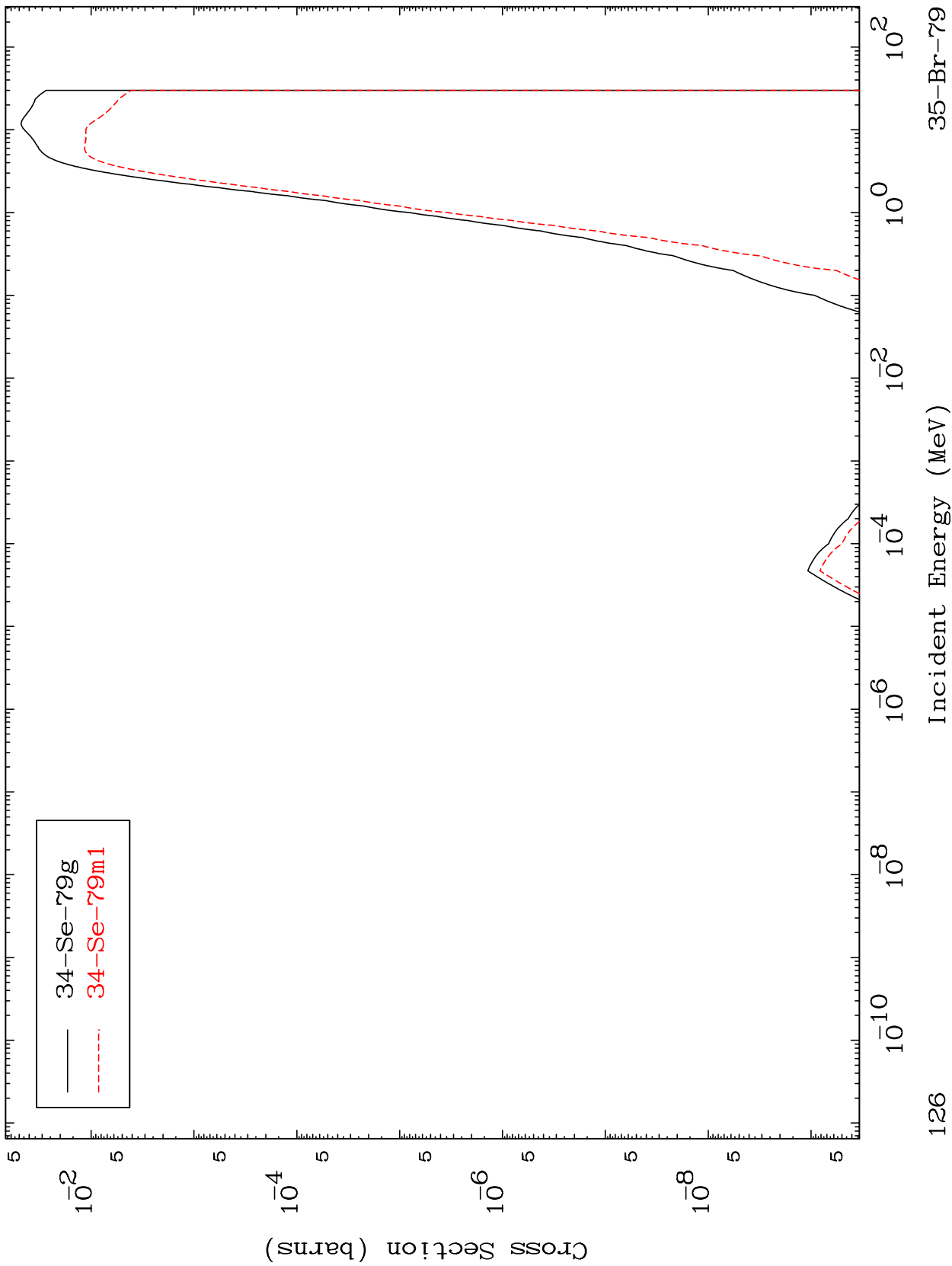
(n, γ)
Radionuclide Production Cross Section

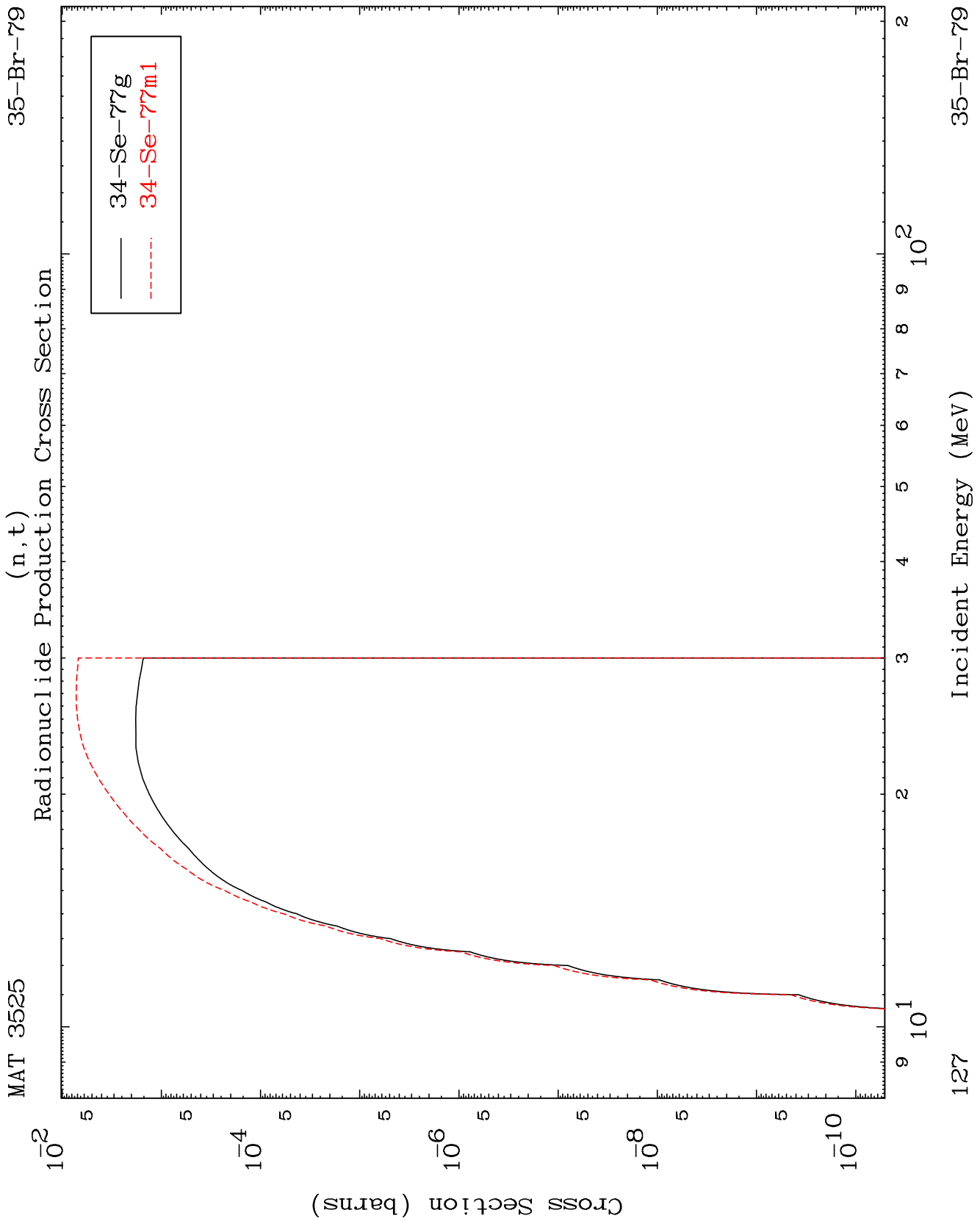


MAT 3525

35-Br-79

(n,p)
Radionuclide Production Cross Section

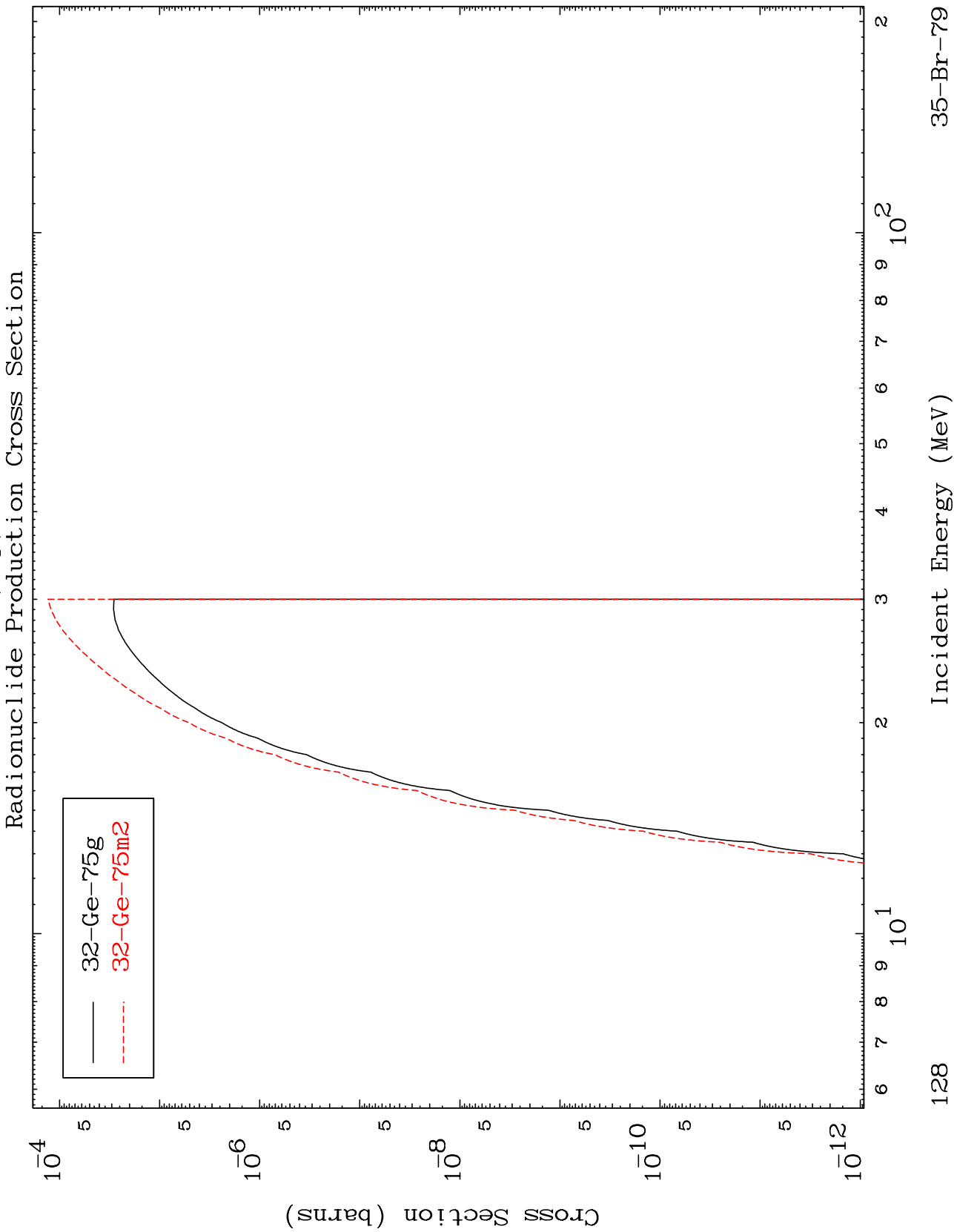




MAT 3525

(n,p) α

³⁵Br-79



128

Incident Energy (MeV)

³⁵Br-79