

Program EVALPLOT
(Version 2021-1)

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

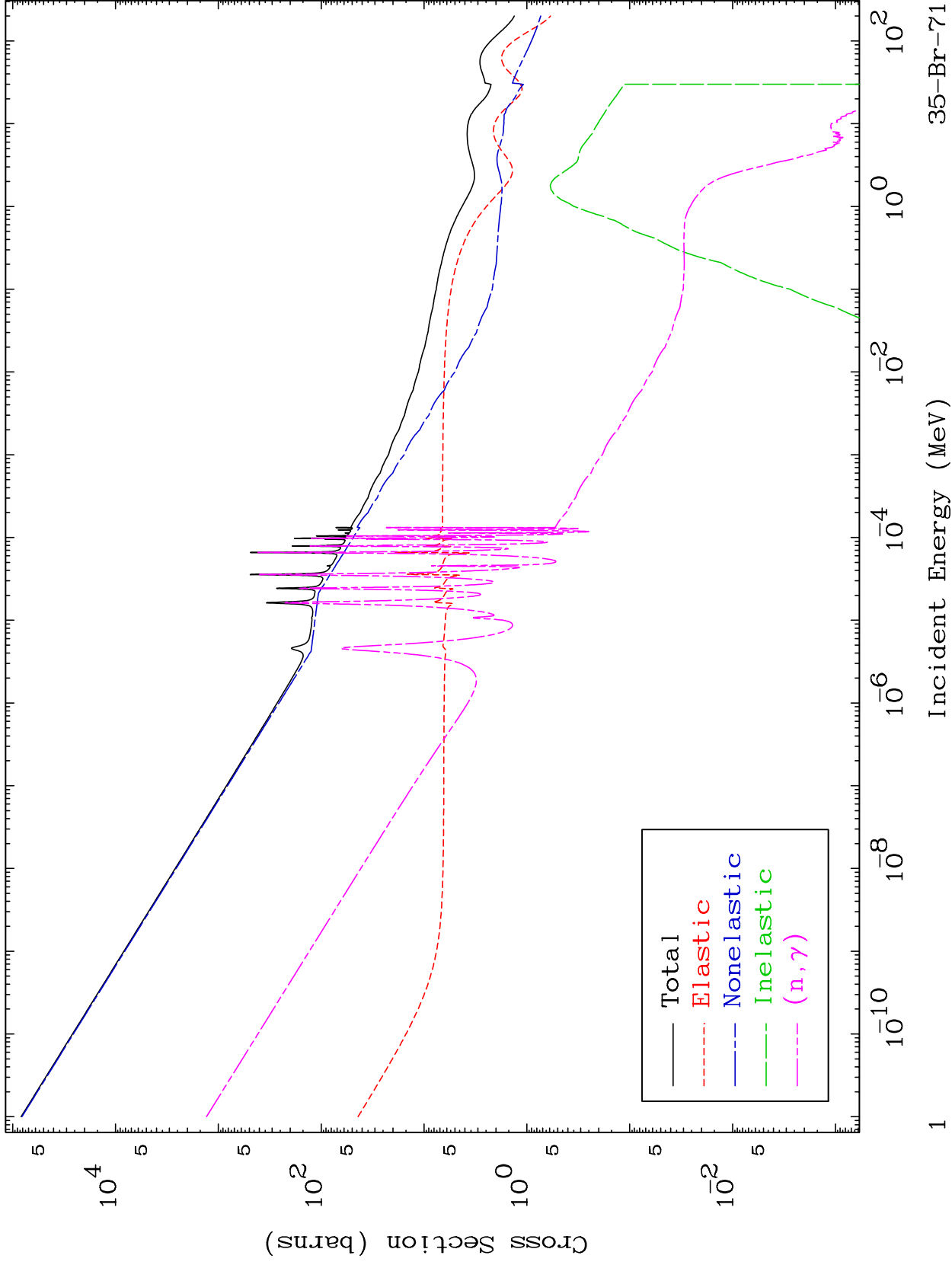
Web:redcullen1.net/HOMEPAGE.NEW

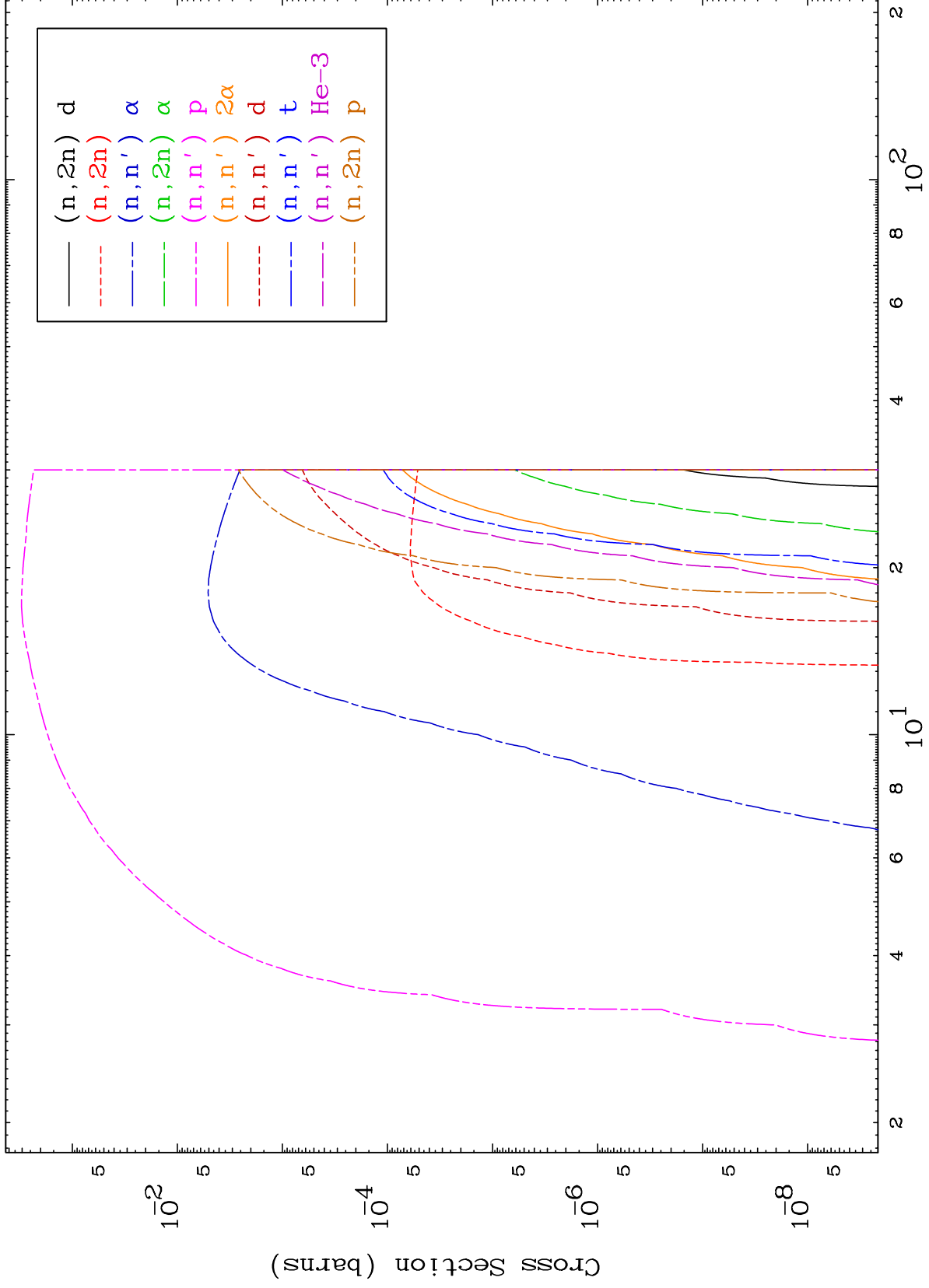
Press Mouse Button to Start

MAT 3501

Neutron Major
293 Kelvin Cross Sections

35-Br-71

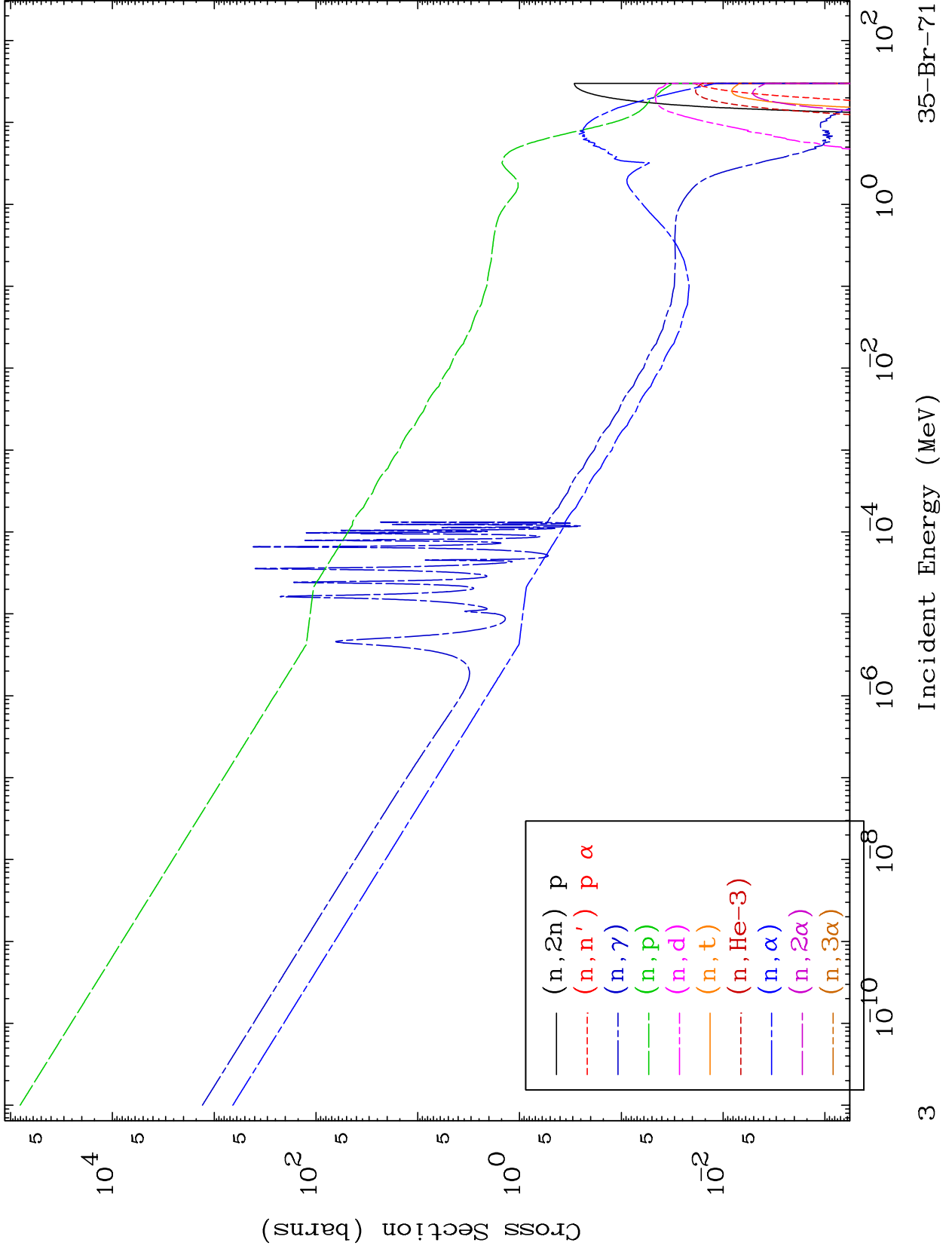




MAT 3501

Neutron Absorption
293 Kelvin Cross Sections

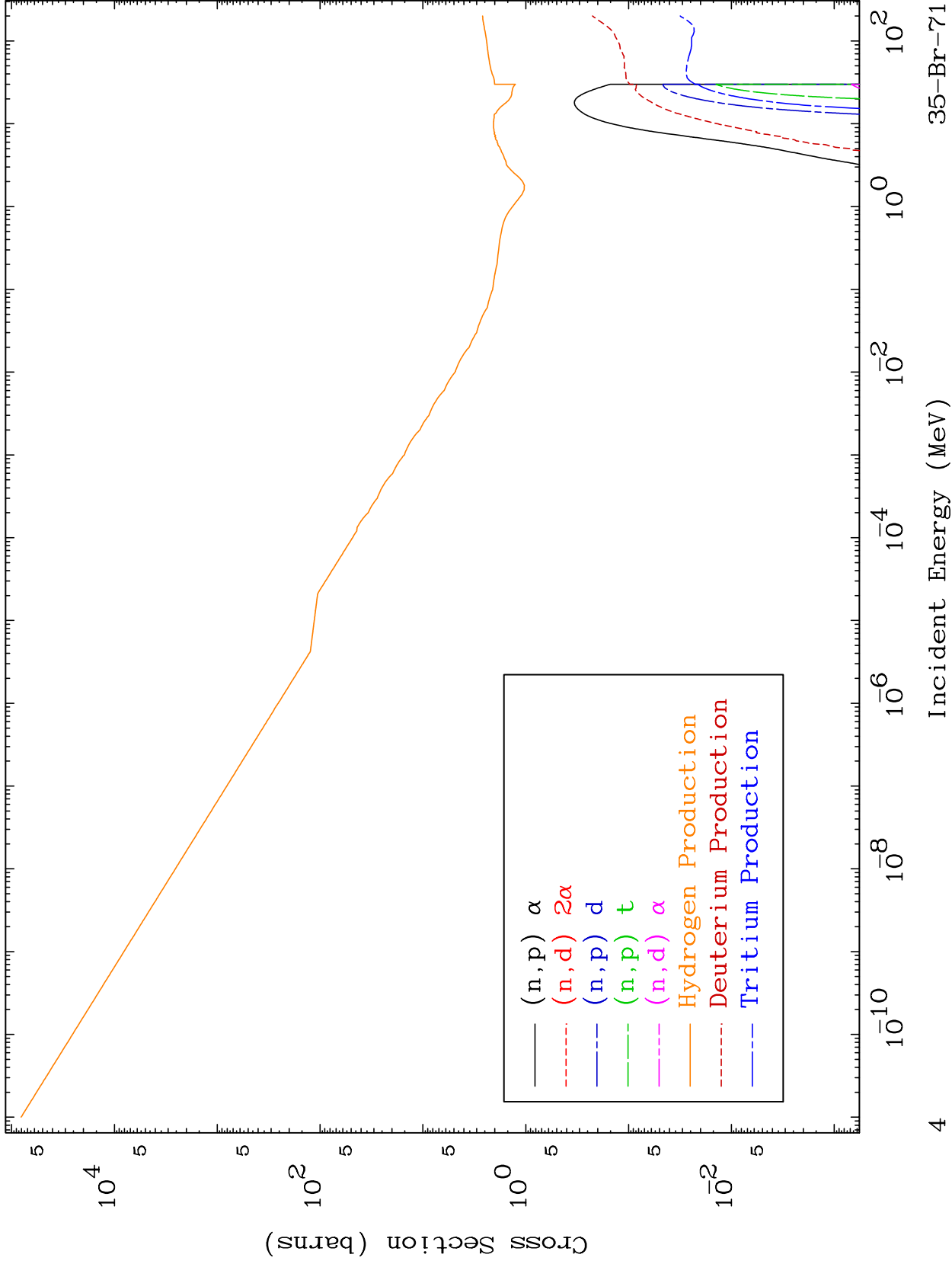
35-Br-71

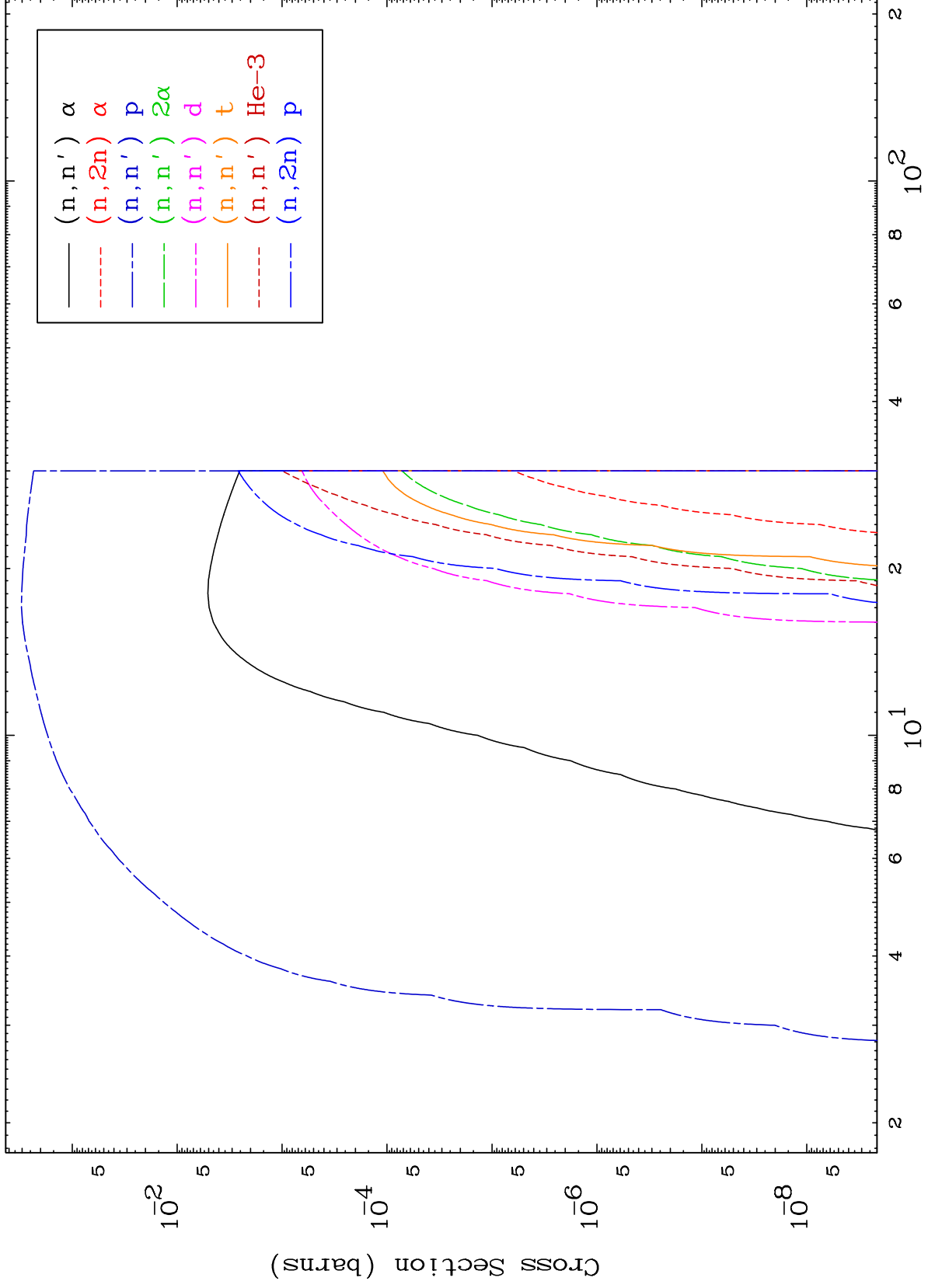


MAT 3501

Neutron Absorption
293 Kelvin Cross Sections

35-Br-71

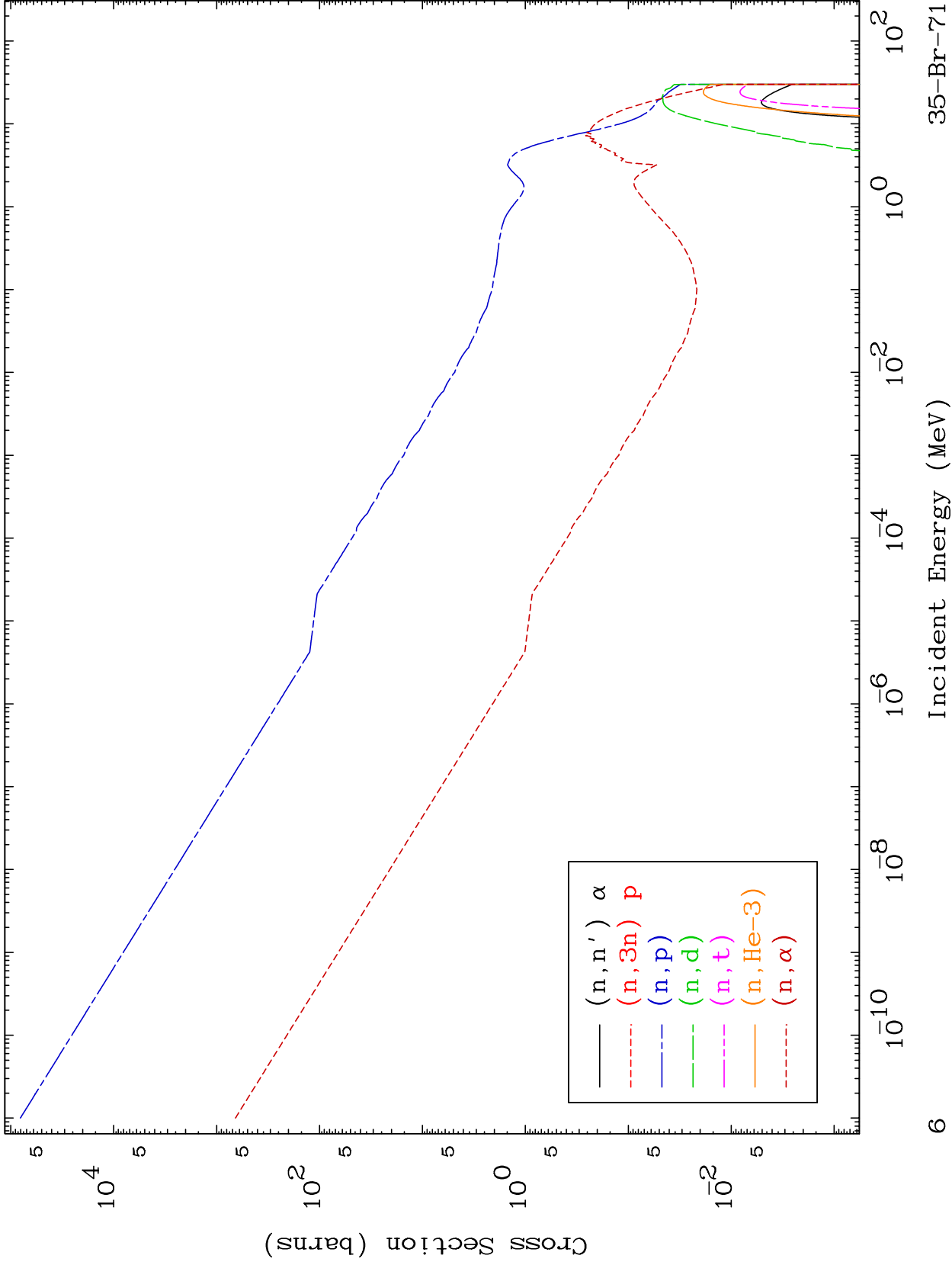


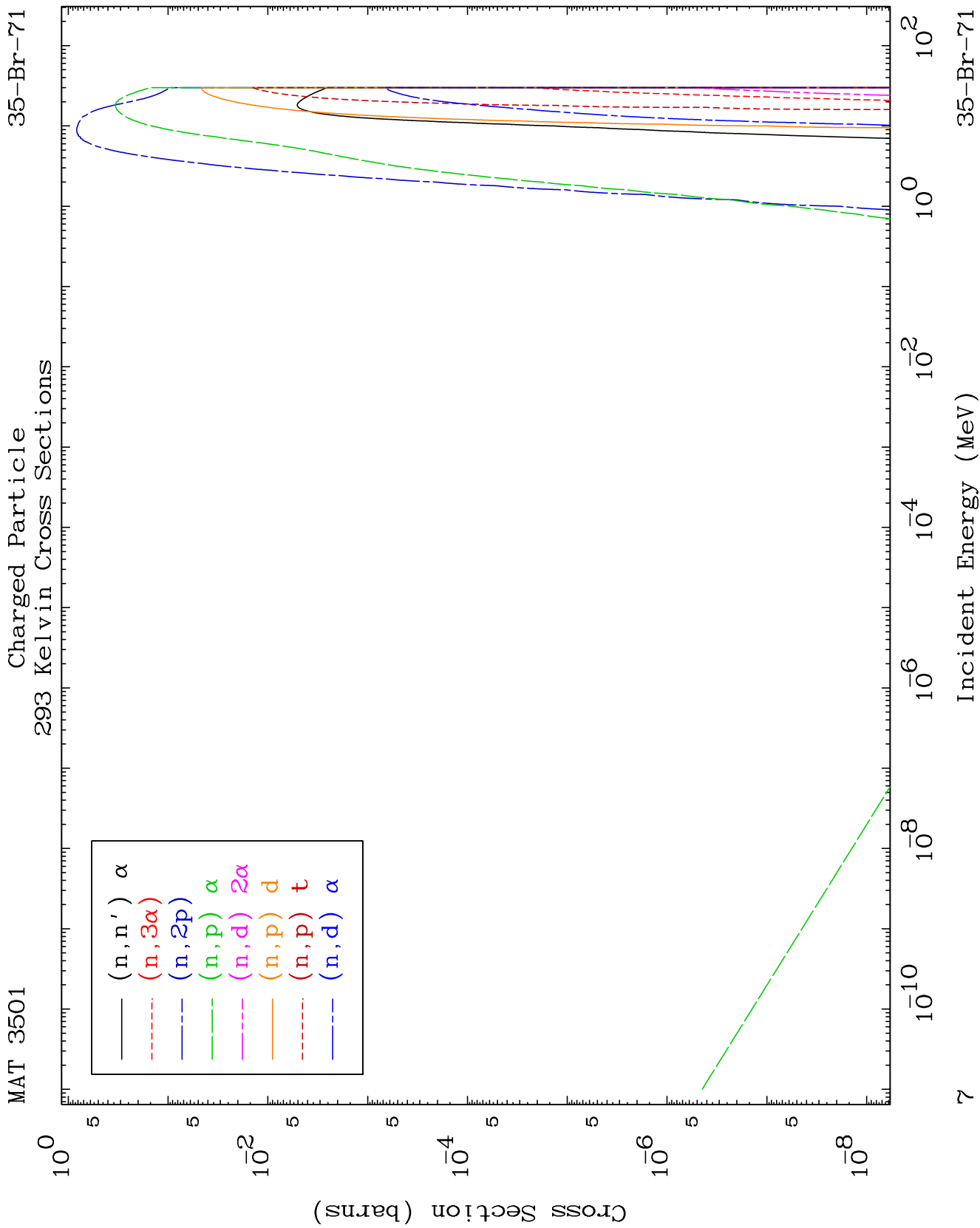


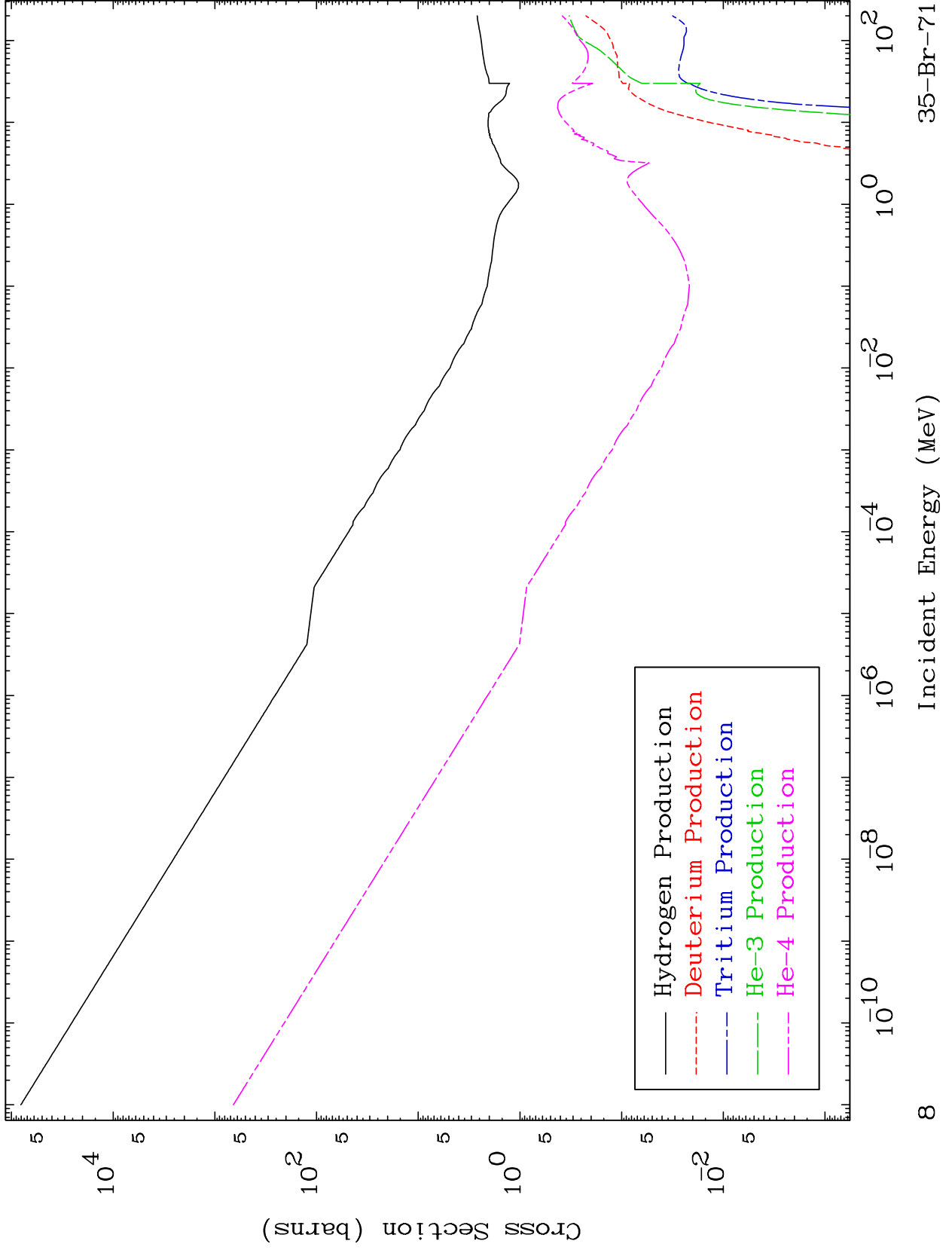
MAT 3501

Charged Particle
293 Kelvin Cross Sections

35-Br-71



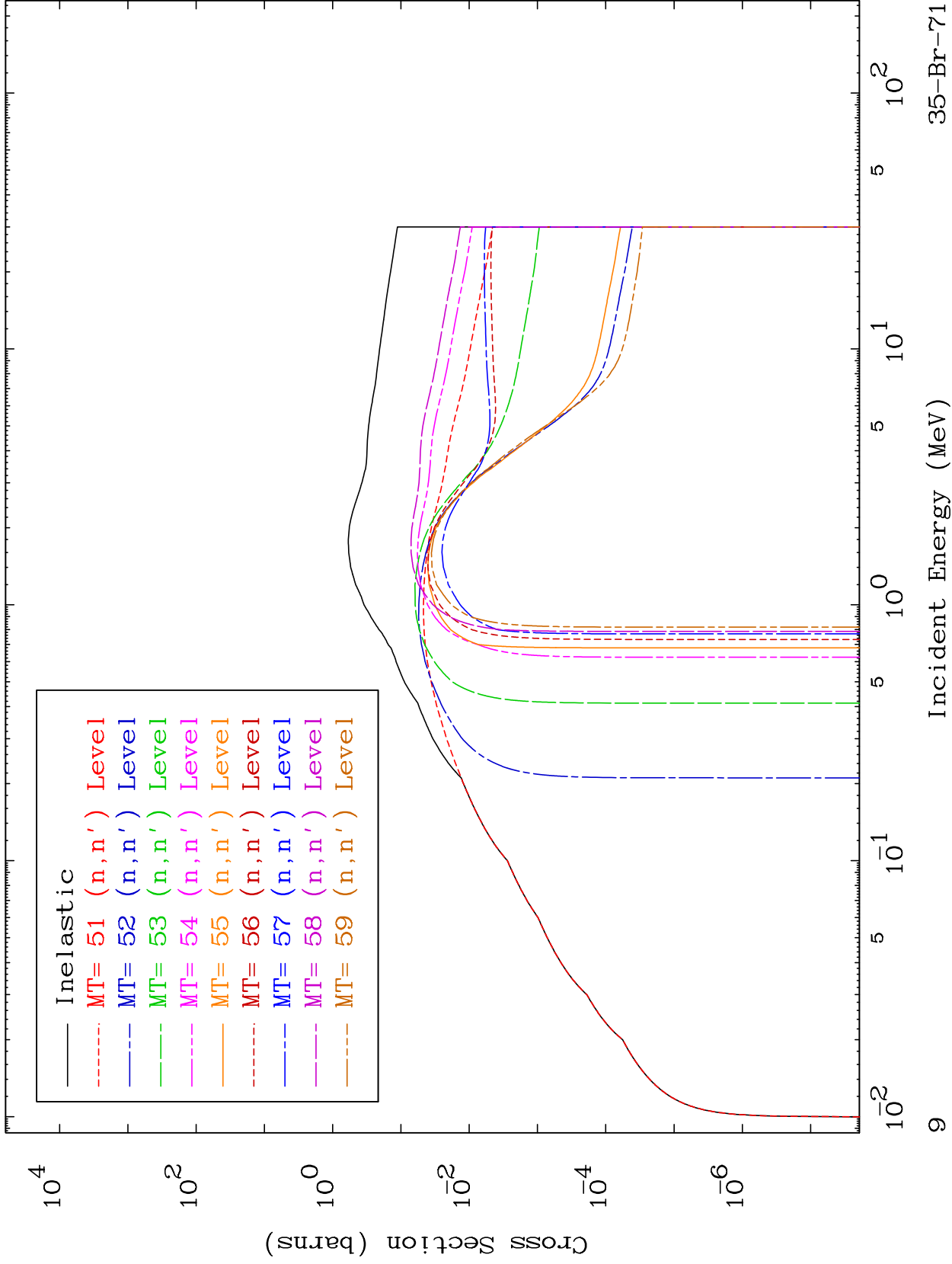




MAT 3501

(n,n') Levels
293 Kelvin Cross Sections

35-Br-71



35-Br-71

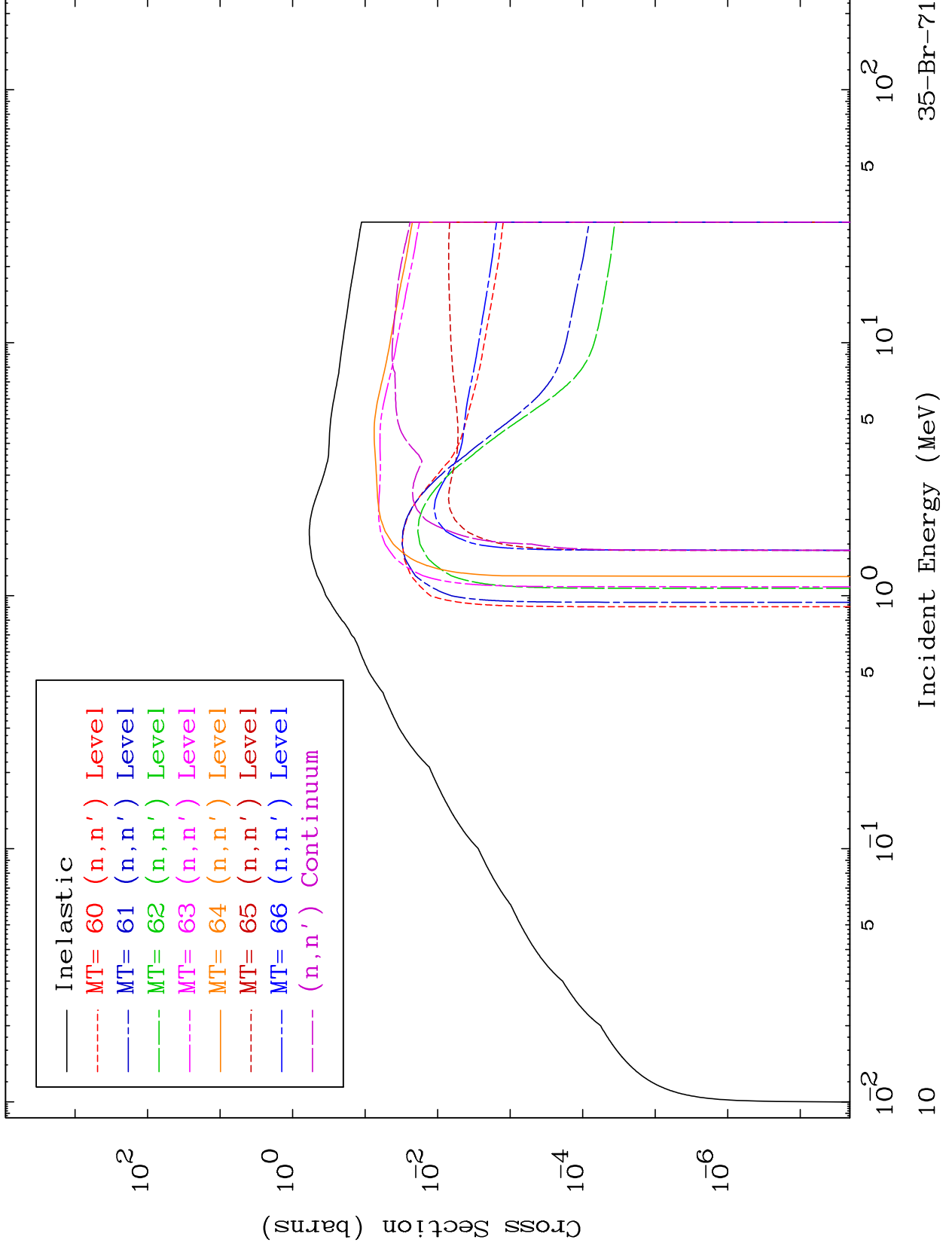
Incident Energy (MeV)

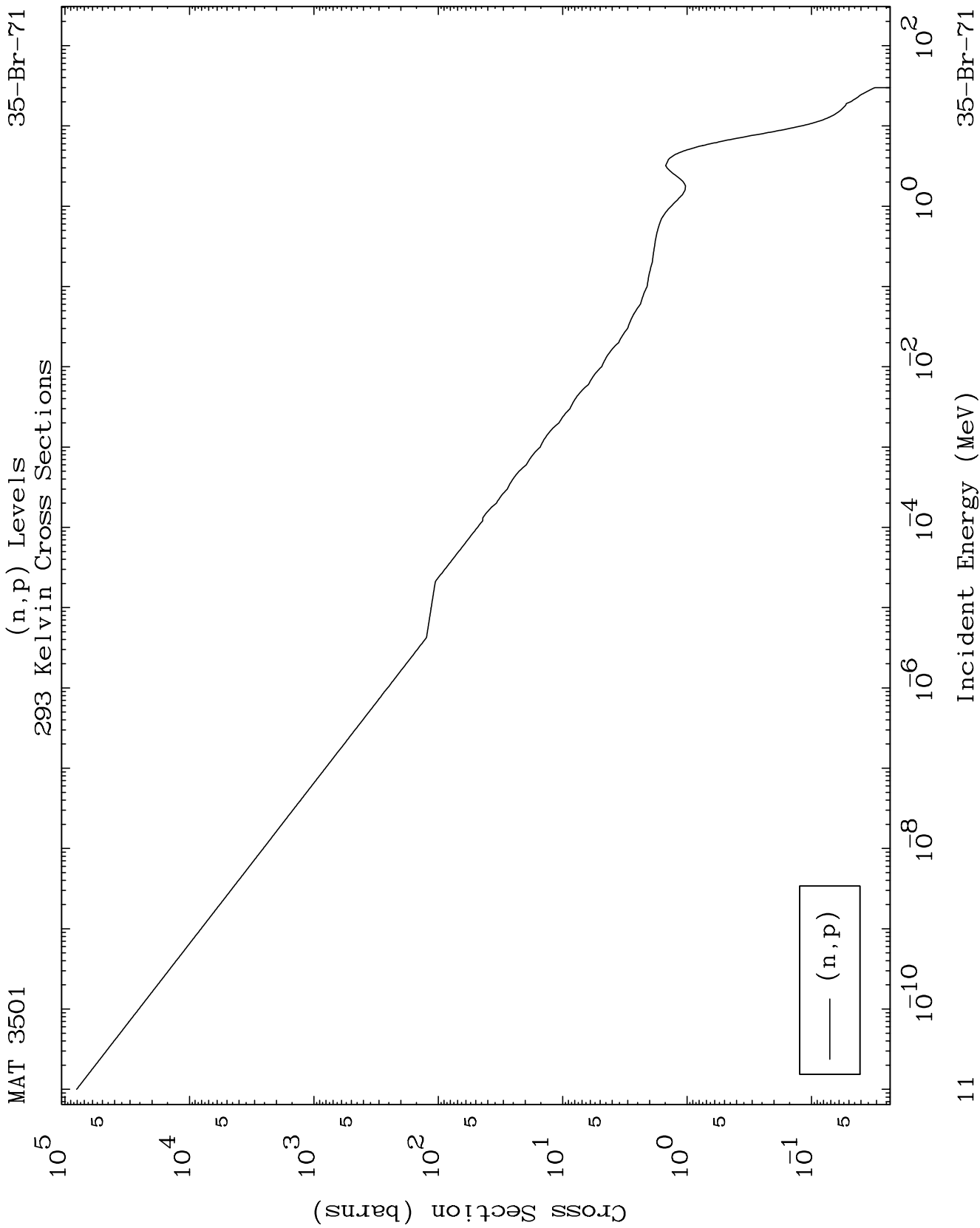
9

MAT 3501

(n,n') Levels
293 Kelvin Cross Sections

35-Br-71

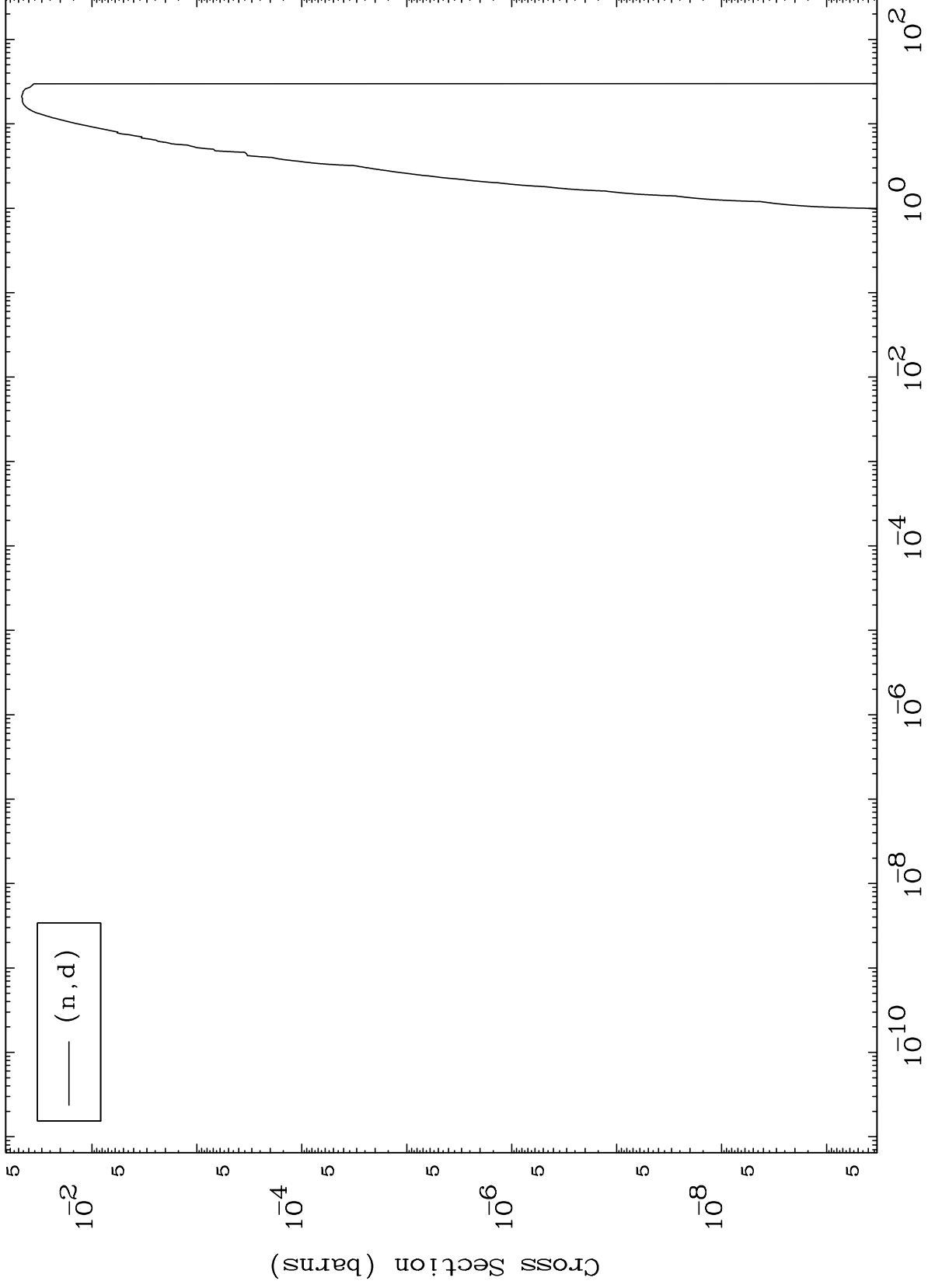




MAT 3501

(n,d) Levels
293 Kelvin Cross Sections

35-Br-71



12

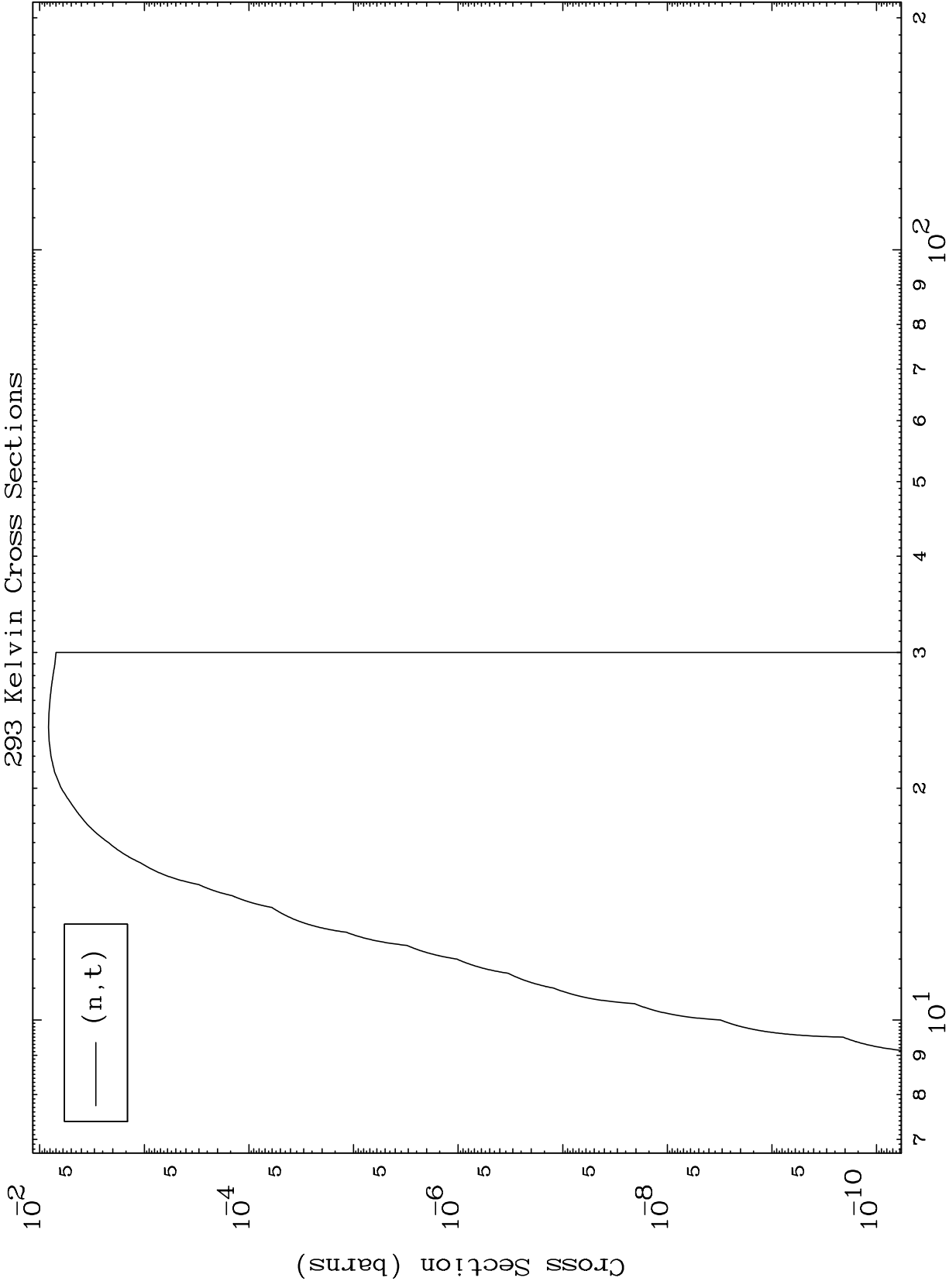
Incident Energy (MeV)

35-Br-71

MAT 3501

(n,t) Levels
293 Kelvin Cross Sections

35-Br-71



13

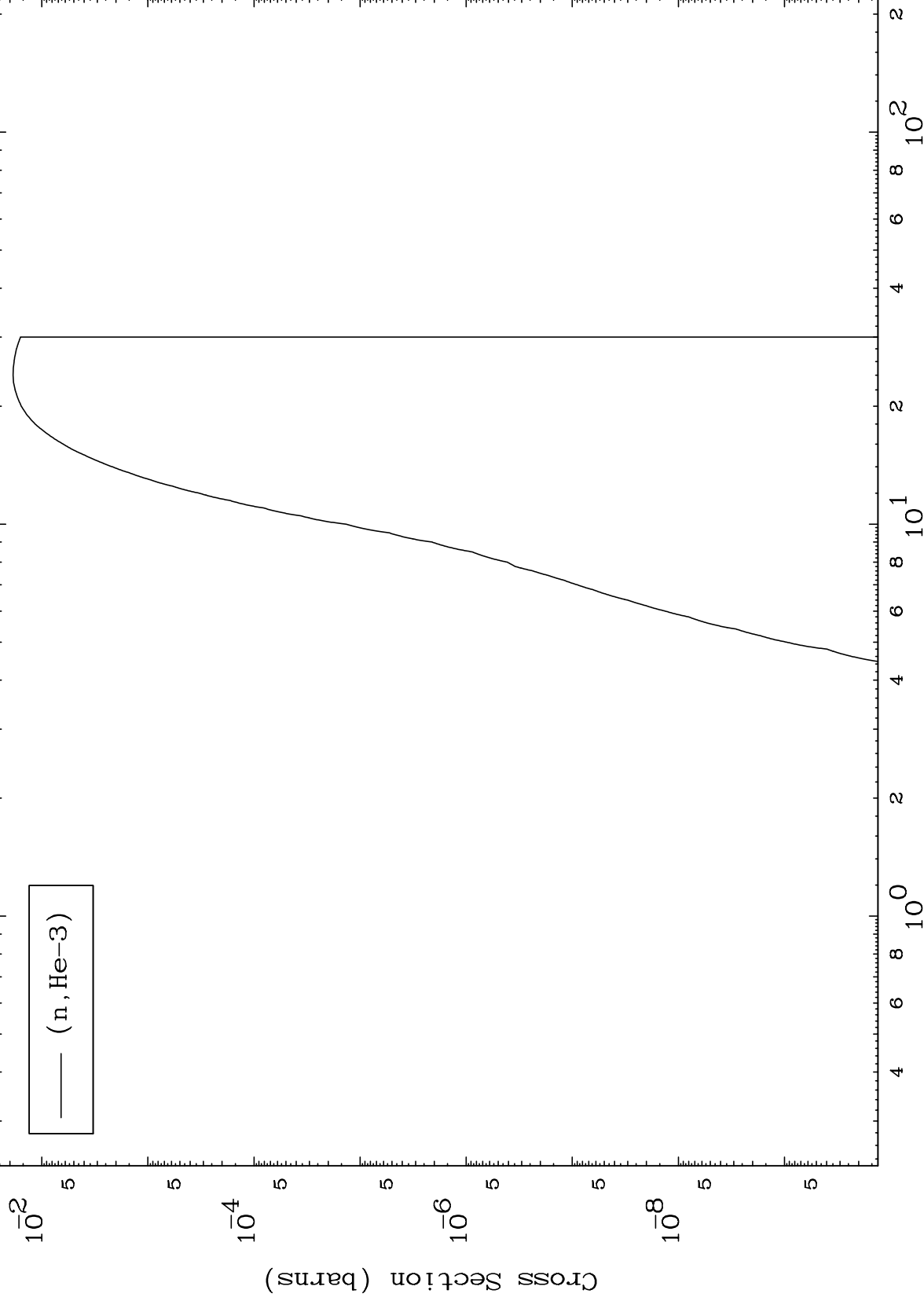
Incident Energy (MeV)

35-Br-71

MAT 3501

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-71



14

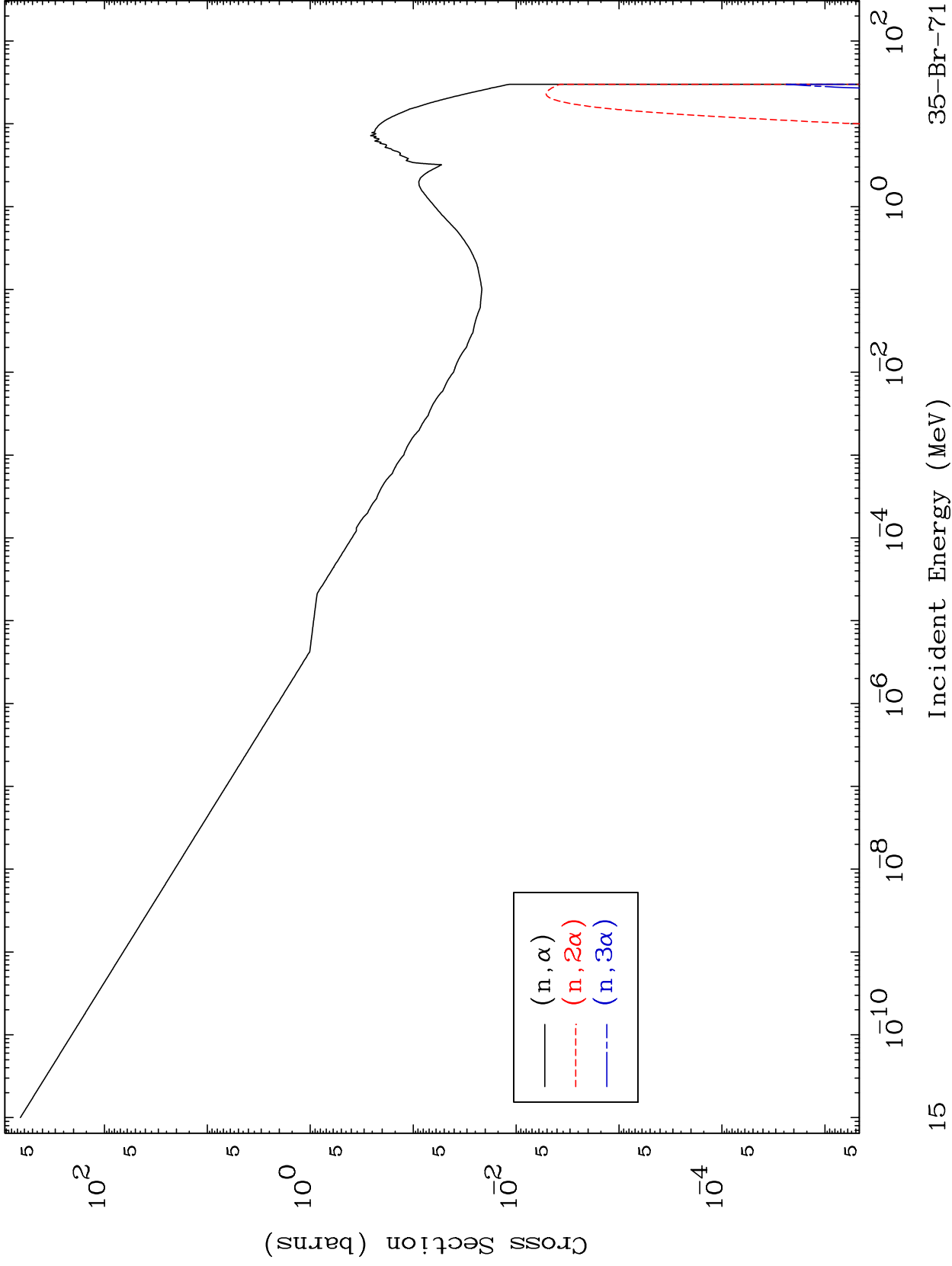
Incident Energy (MeV)

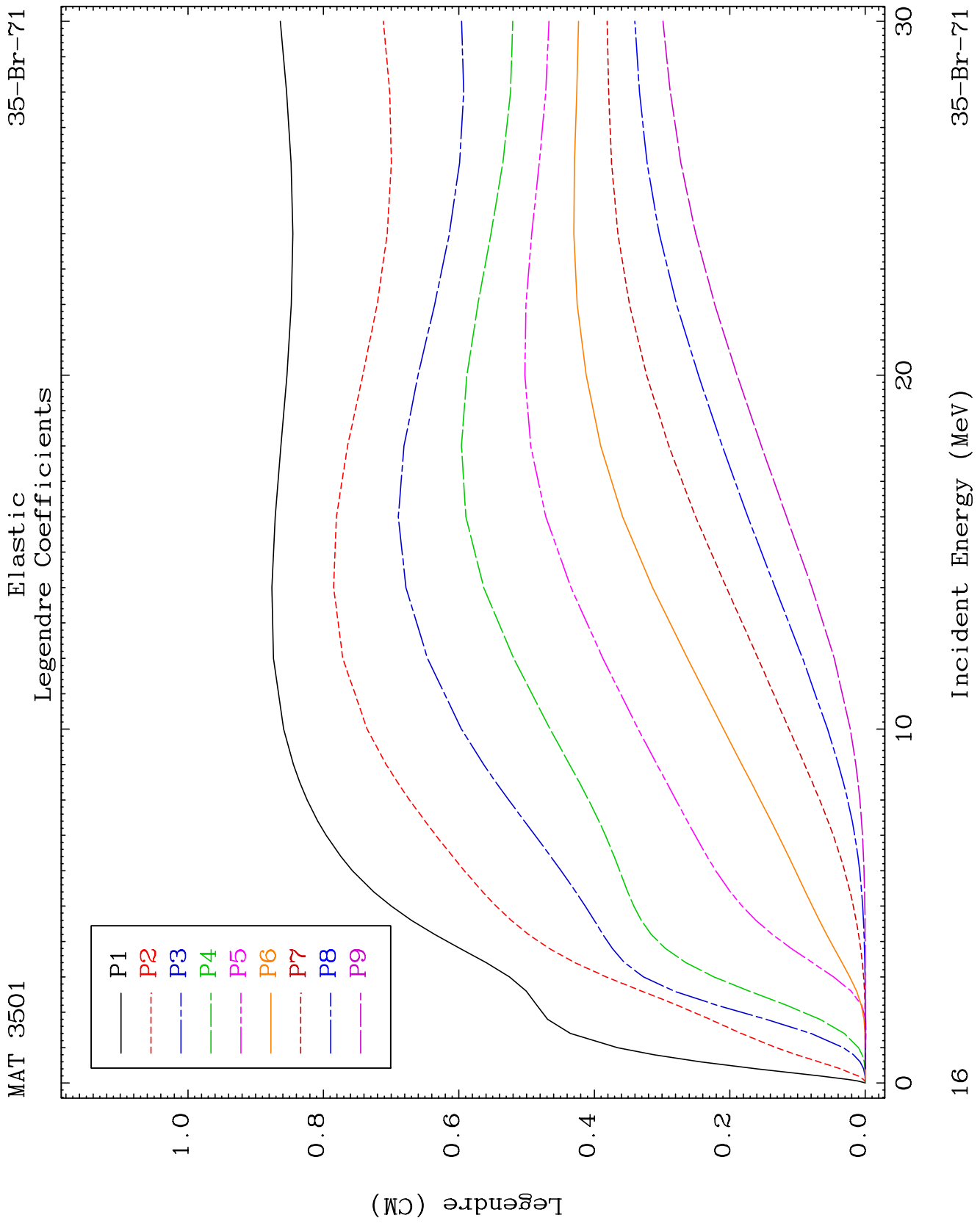
35-Br-71

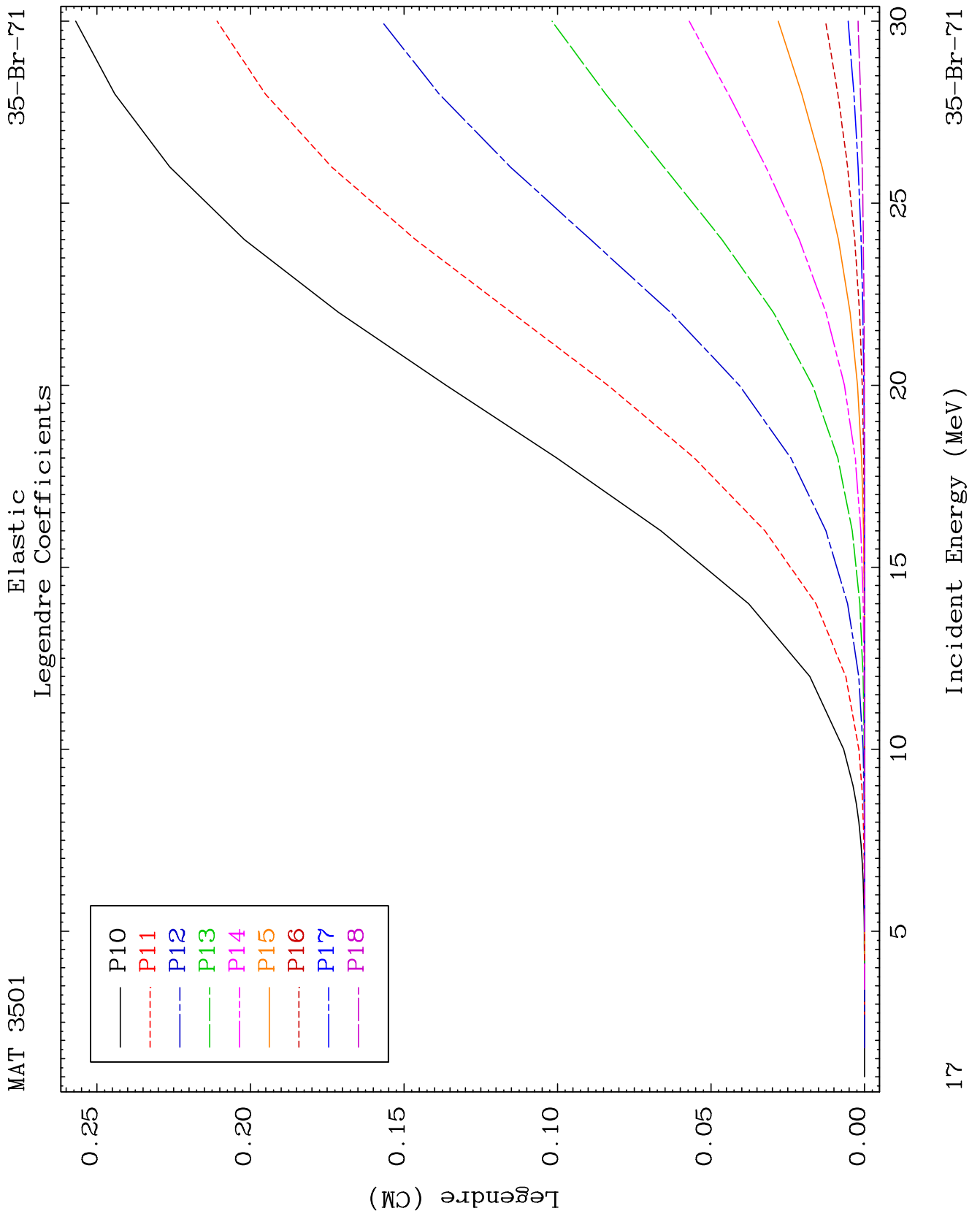
MAT 3501

(n,α) Levels
293 Kelvin Cross Sections

35-Br-71



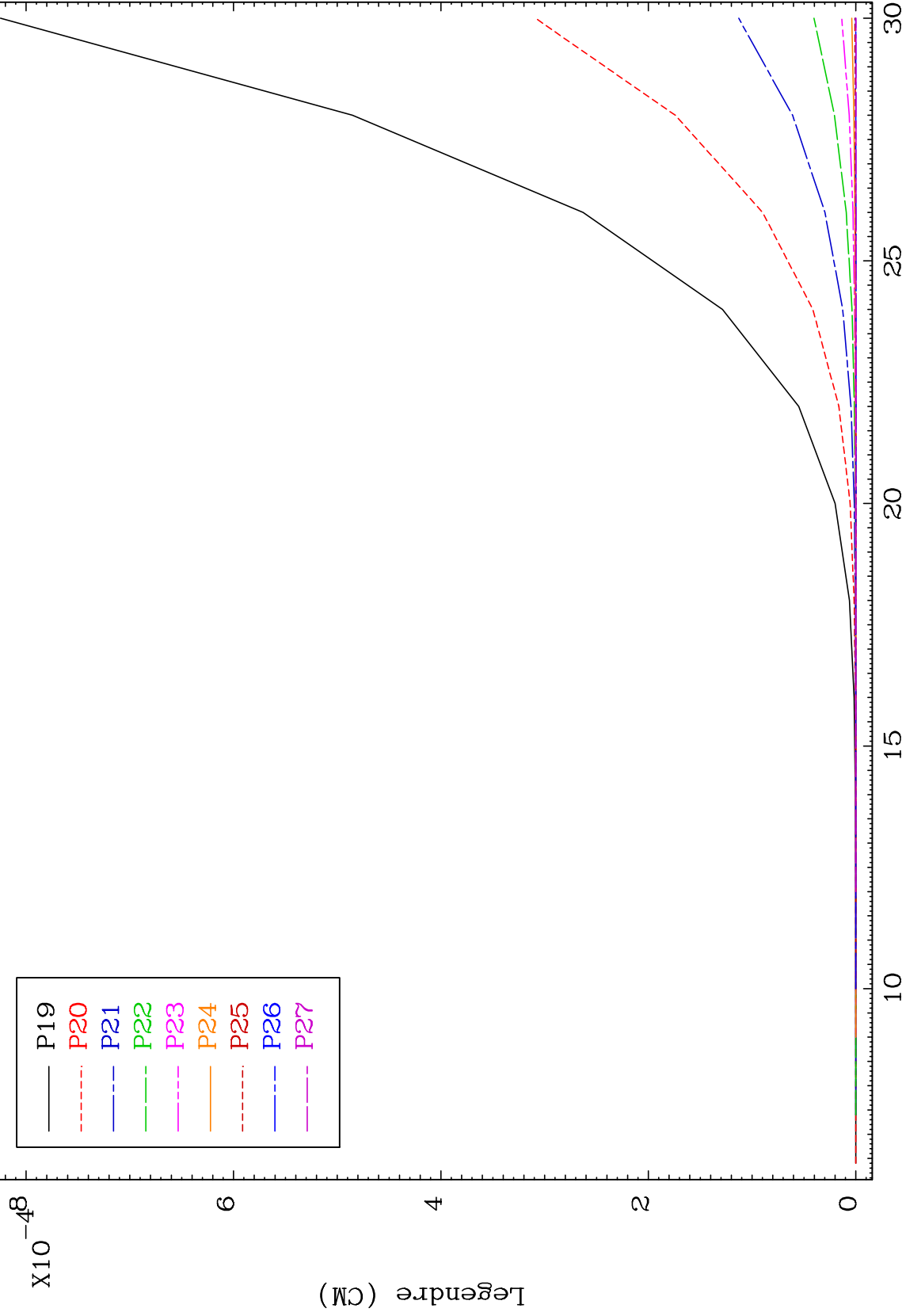




MAT 3501

Elastic
Legendre Coefficients

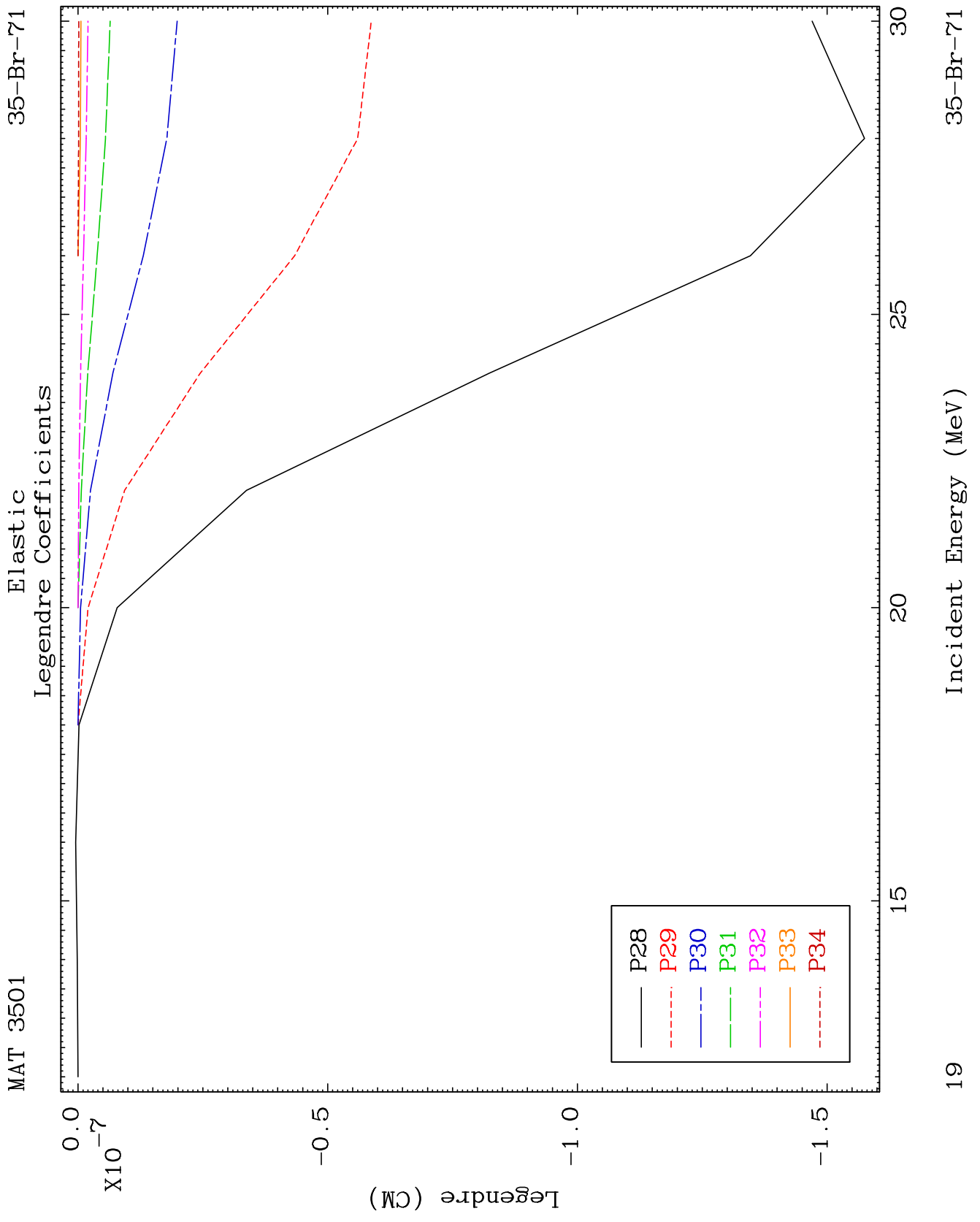
35-Br-71

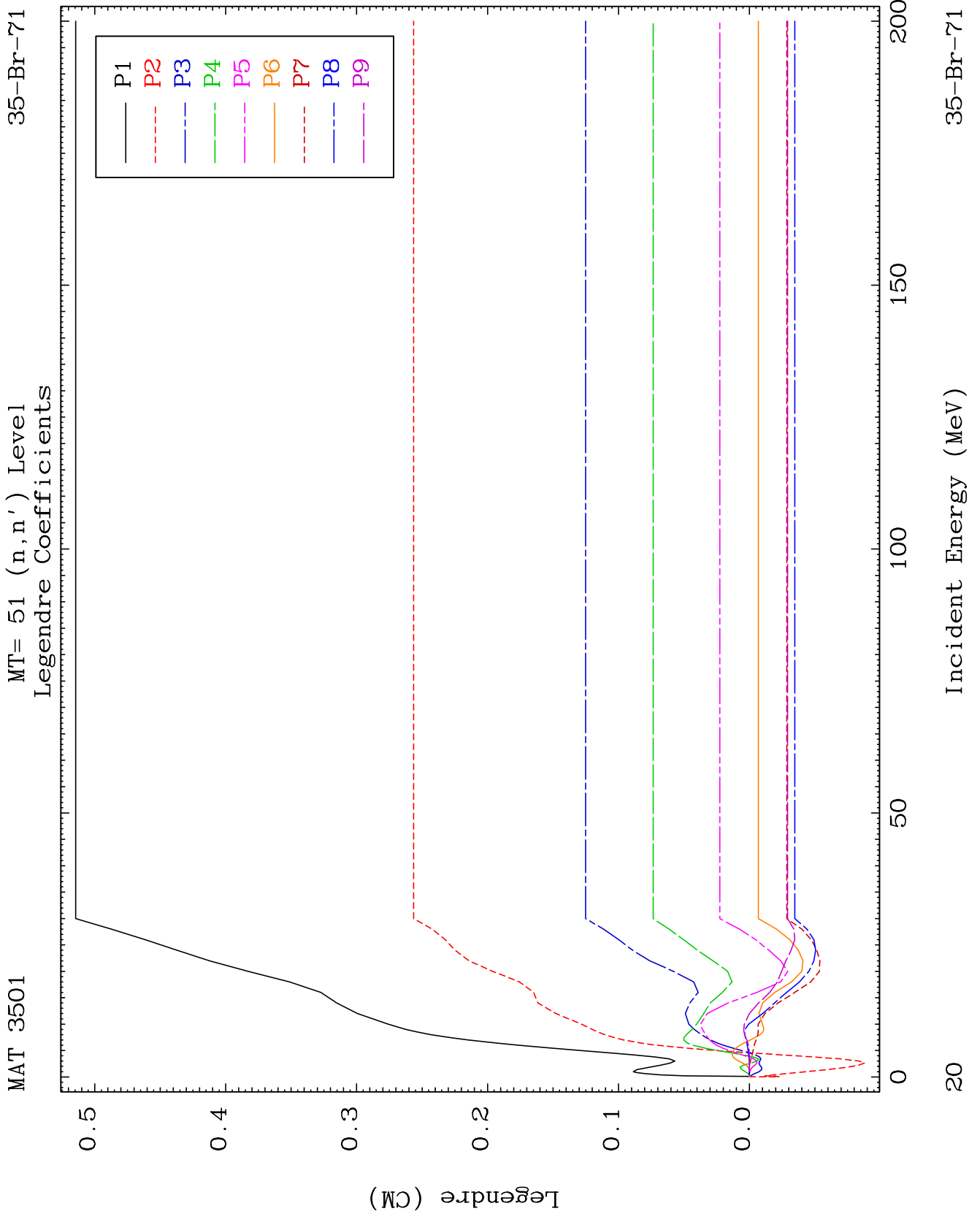


18

Incident Energy (MeV)

35-Br-71

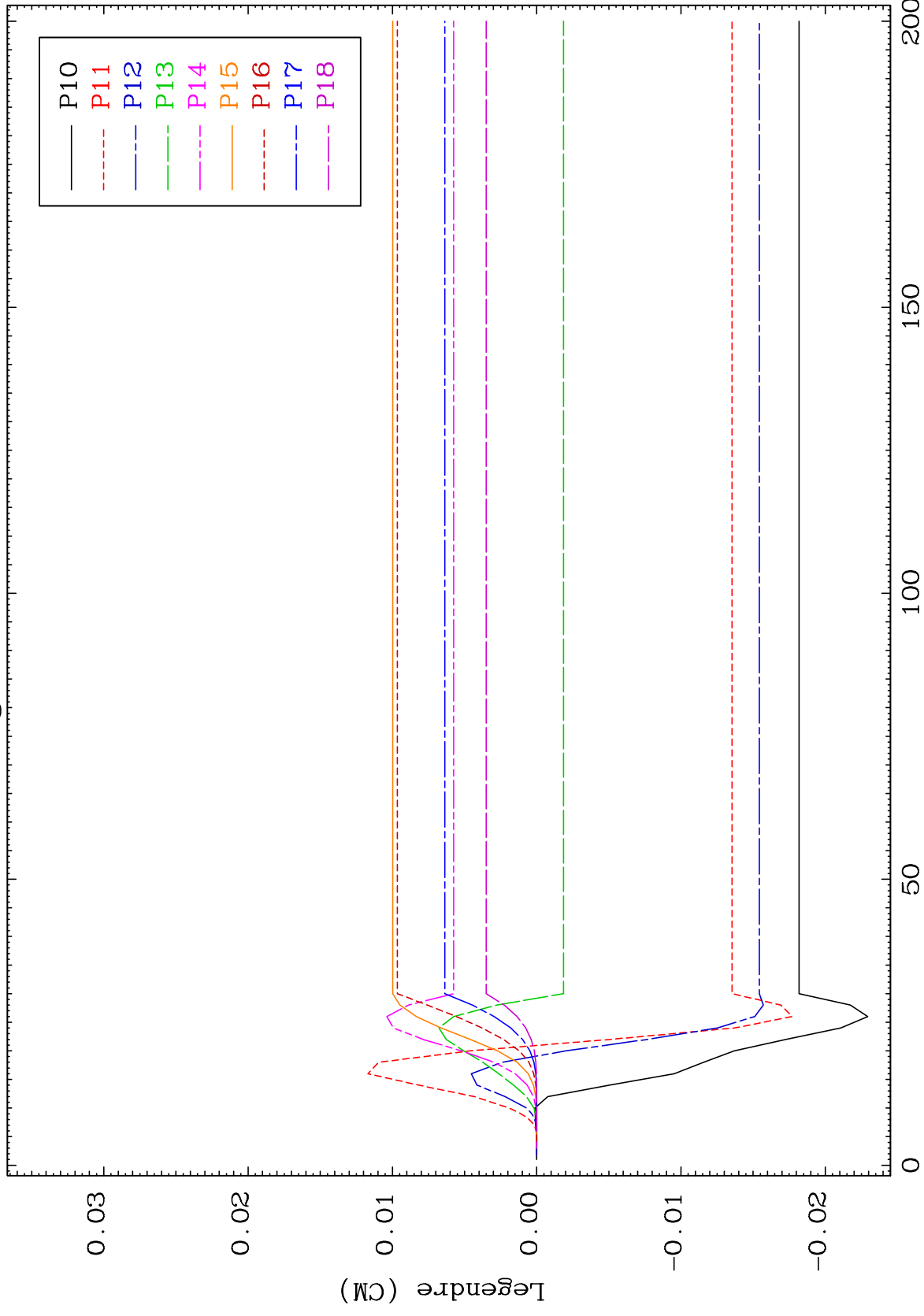




MAT 3501

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

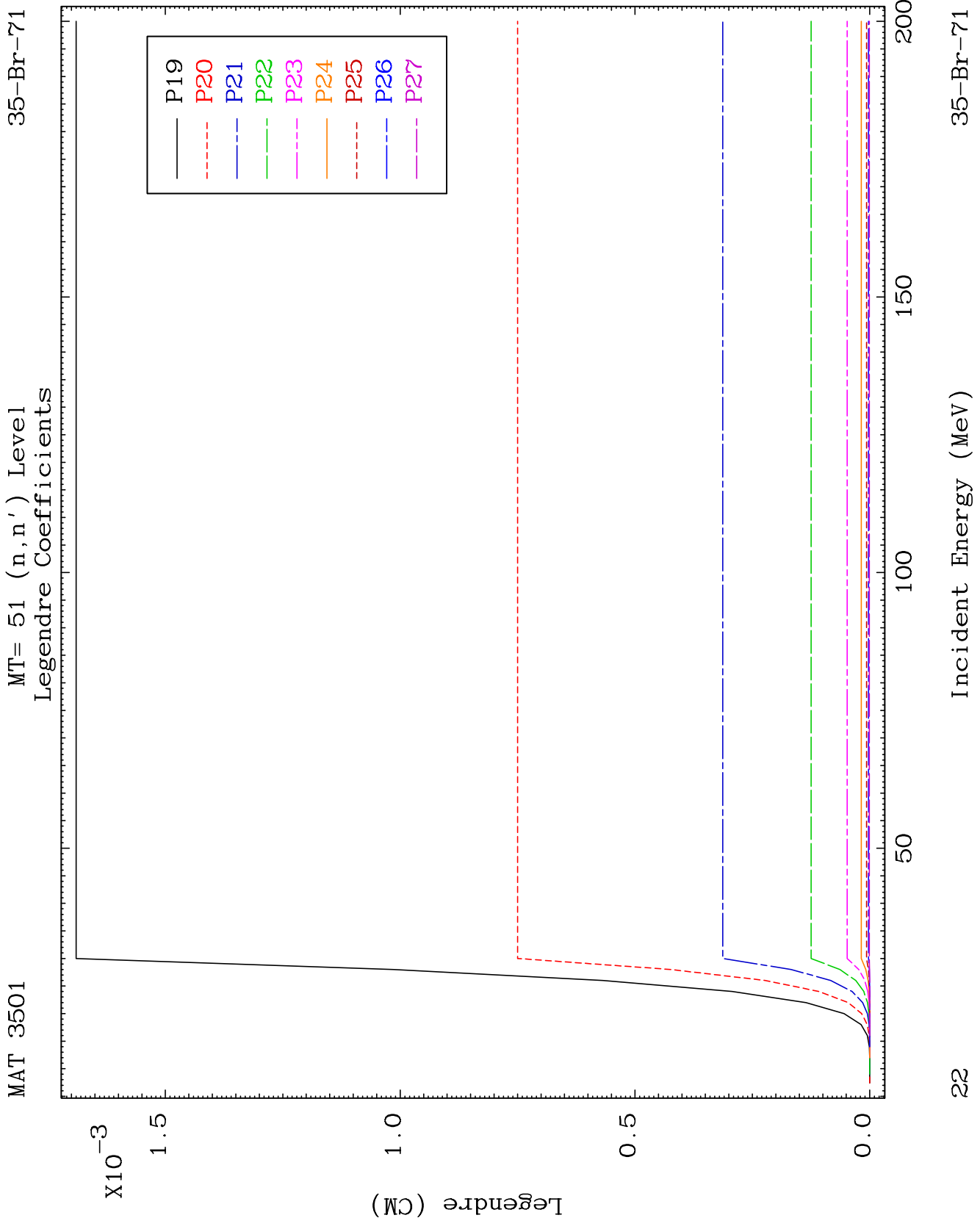
35-Br-71

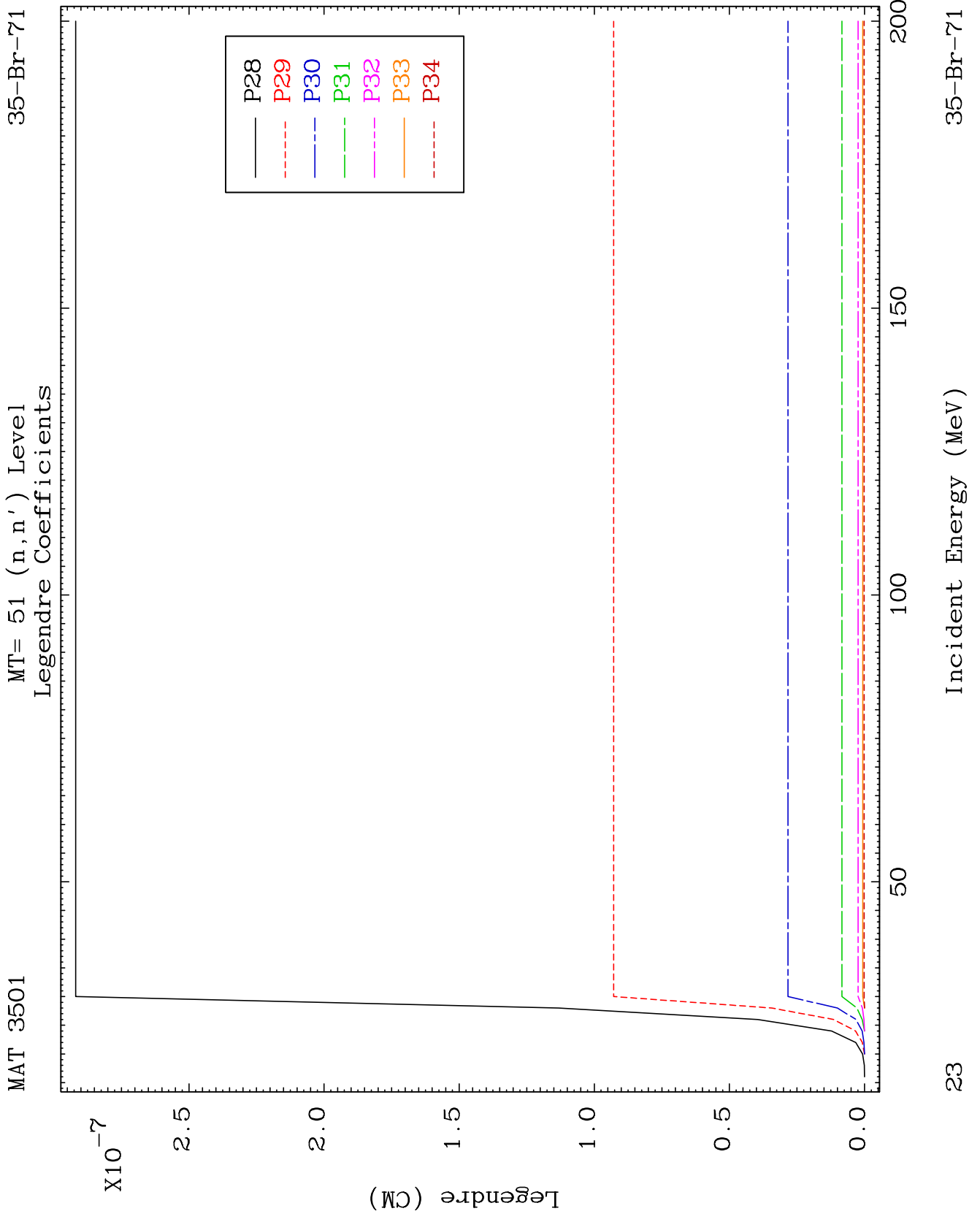


21

Incident Energy (MeV)

35-Br-71

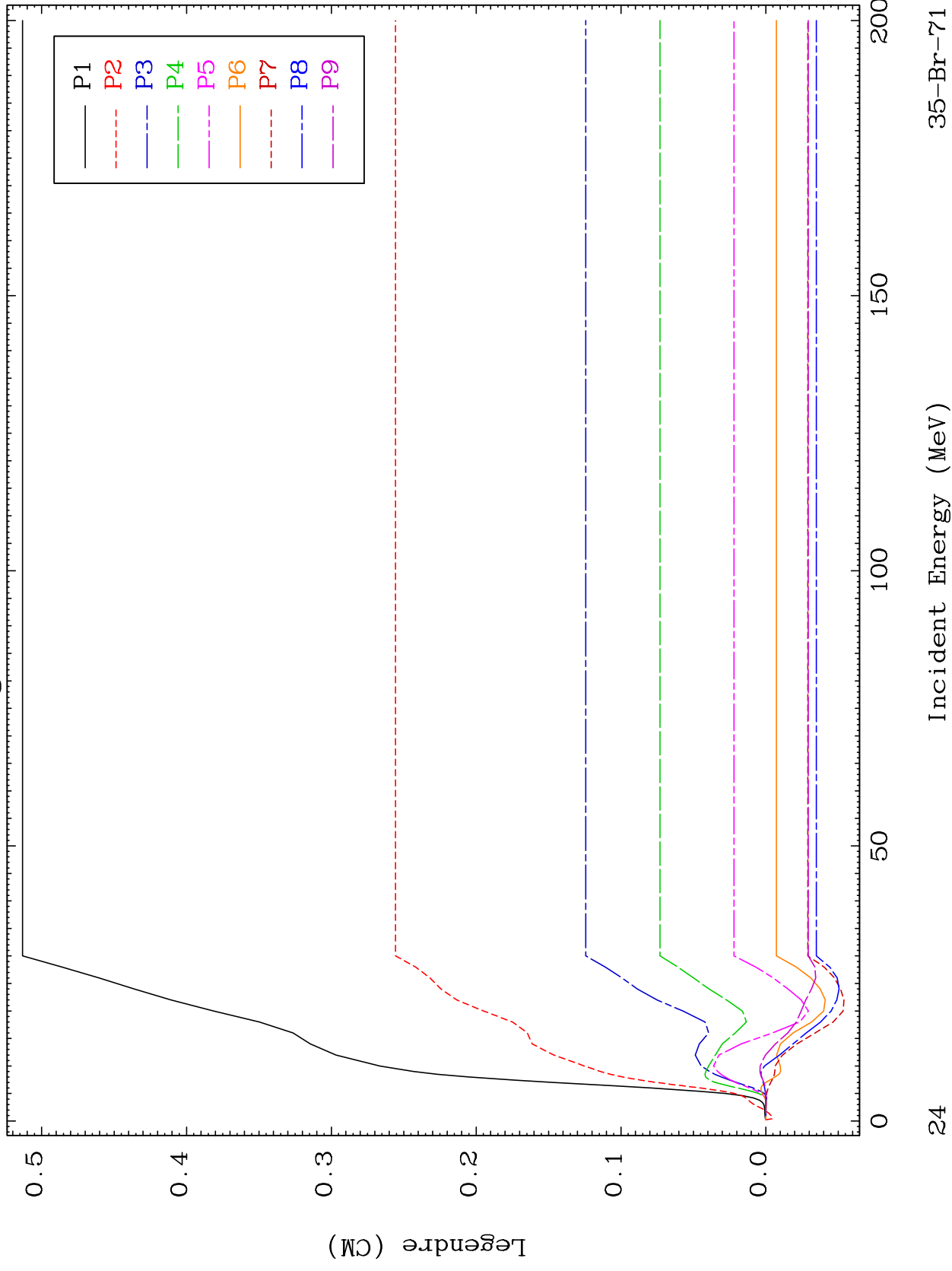


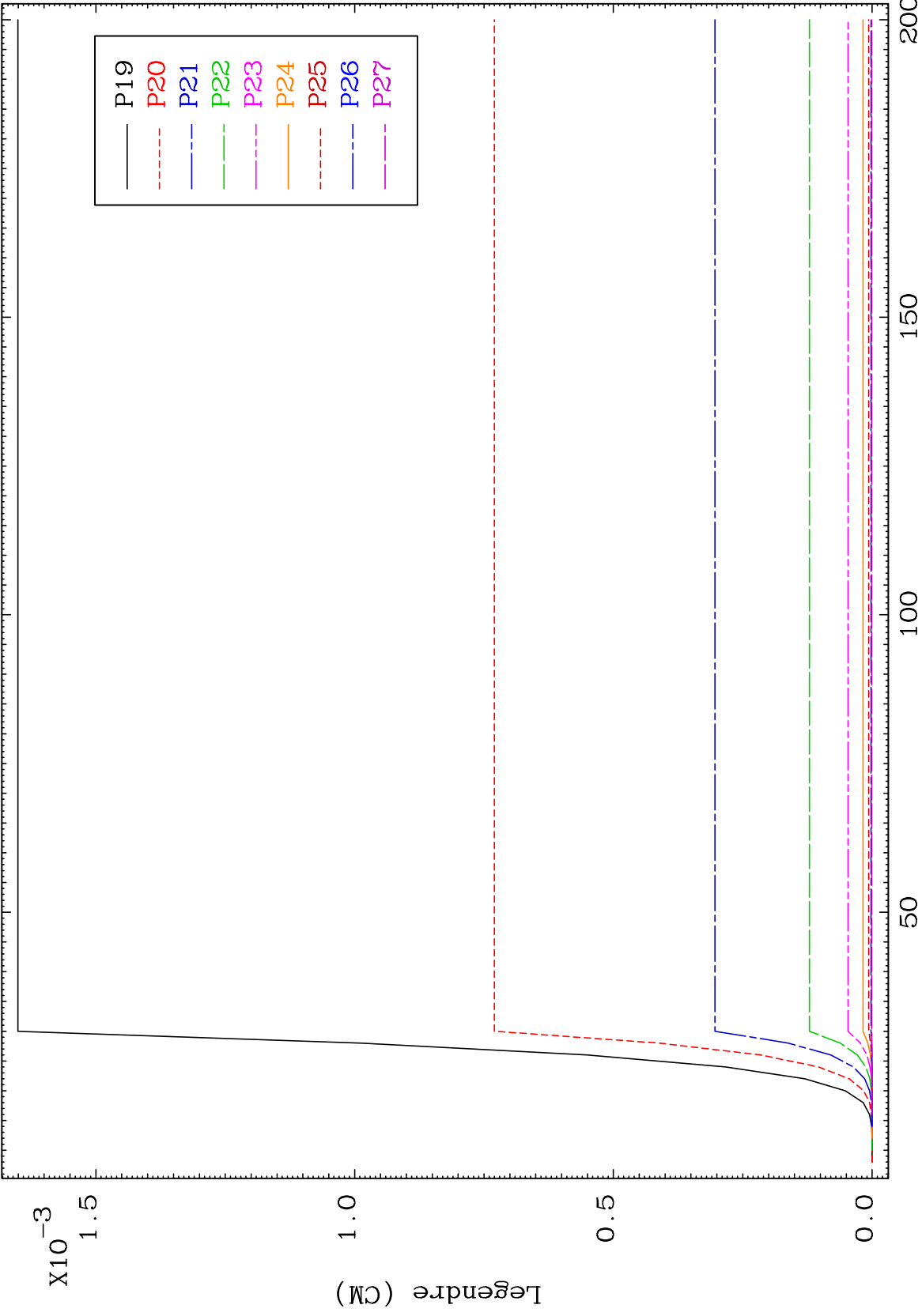


MAT 3501

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

35-Br-71

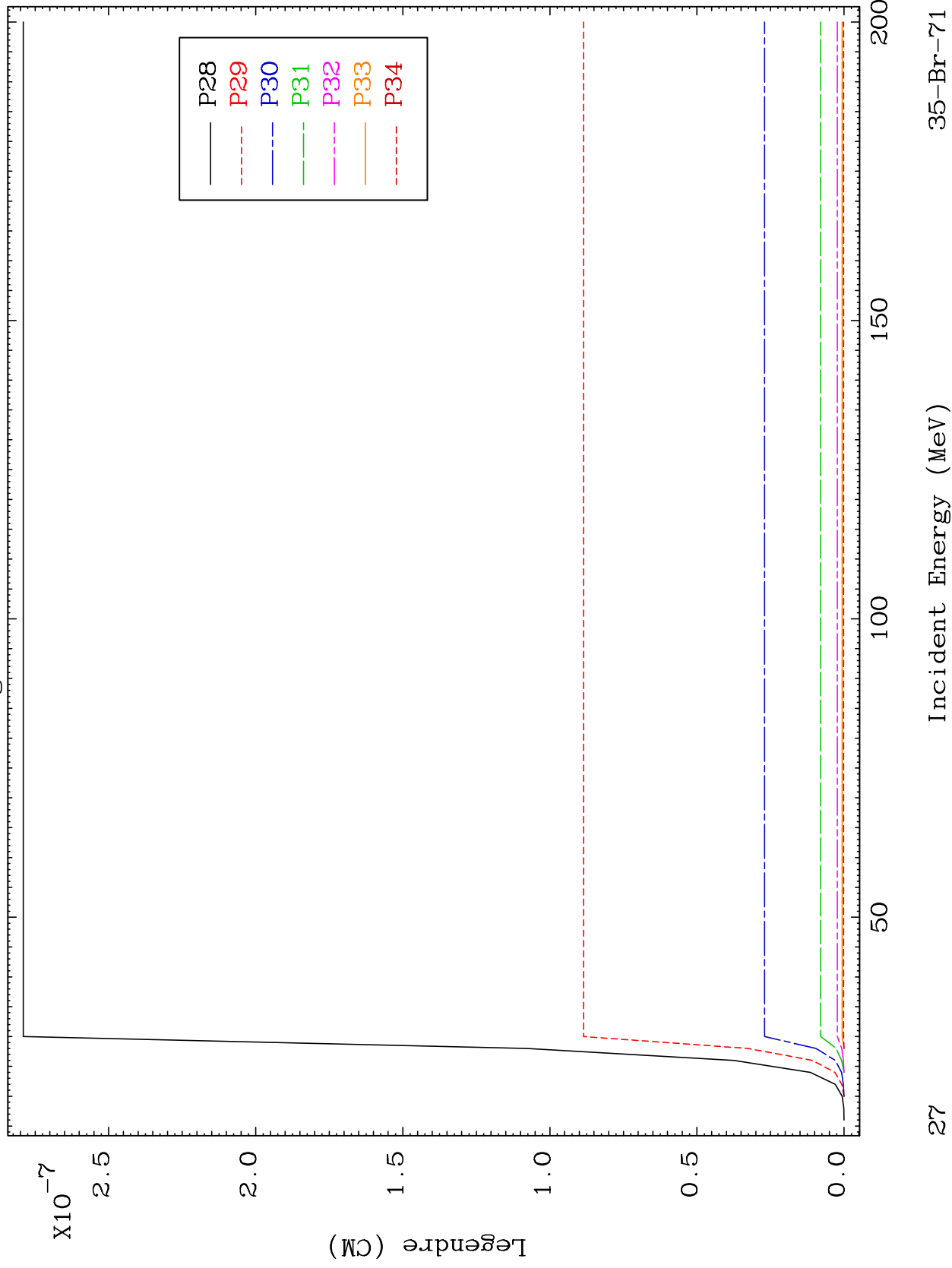




MAT 3501

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

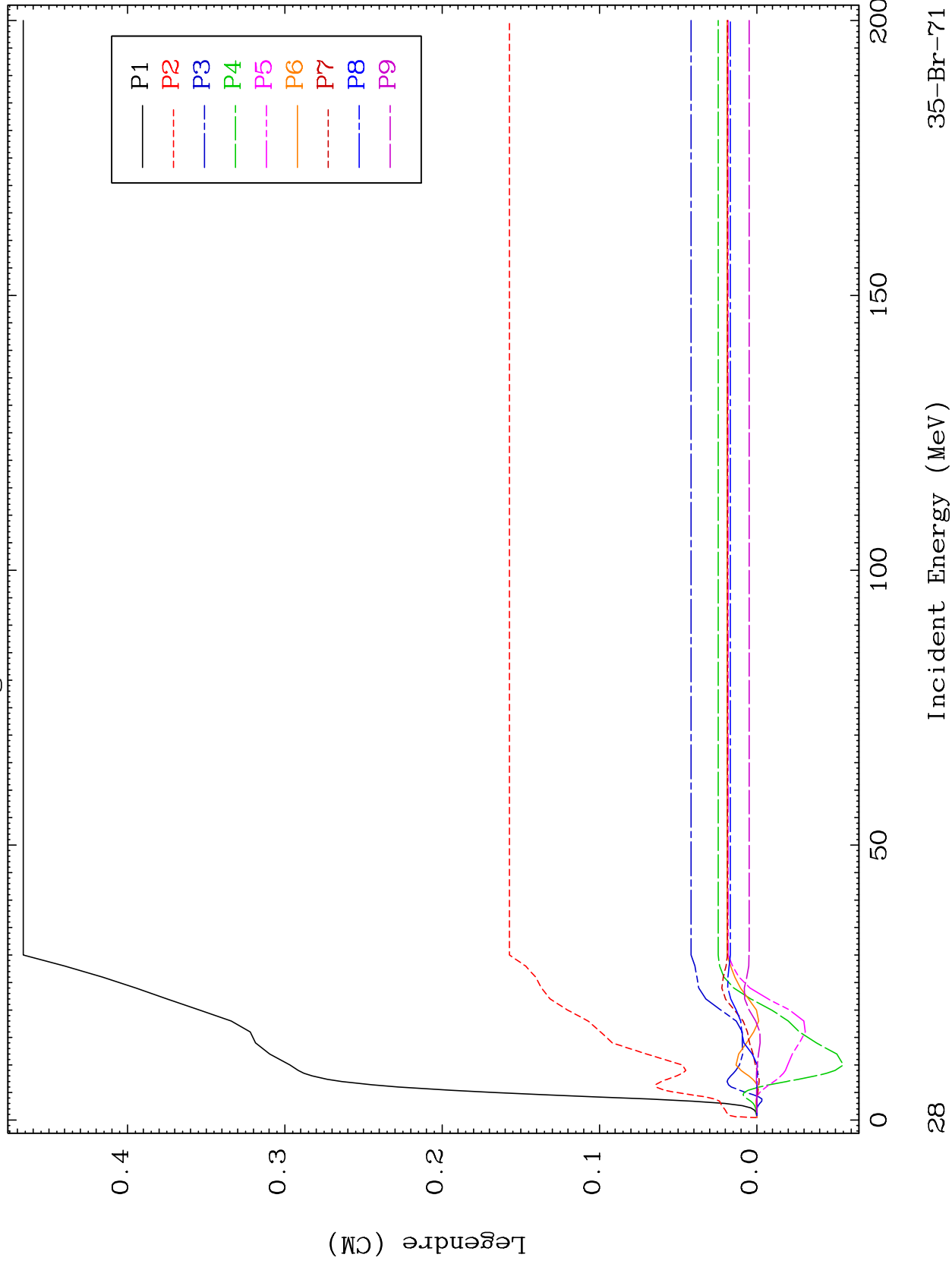
35-Br-71



MAT 3501

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

35-Br-71



35-Br-71

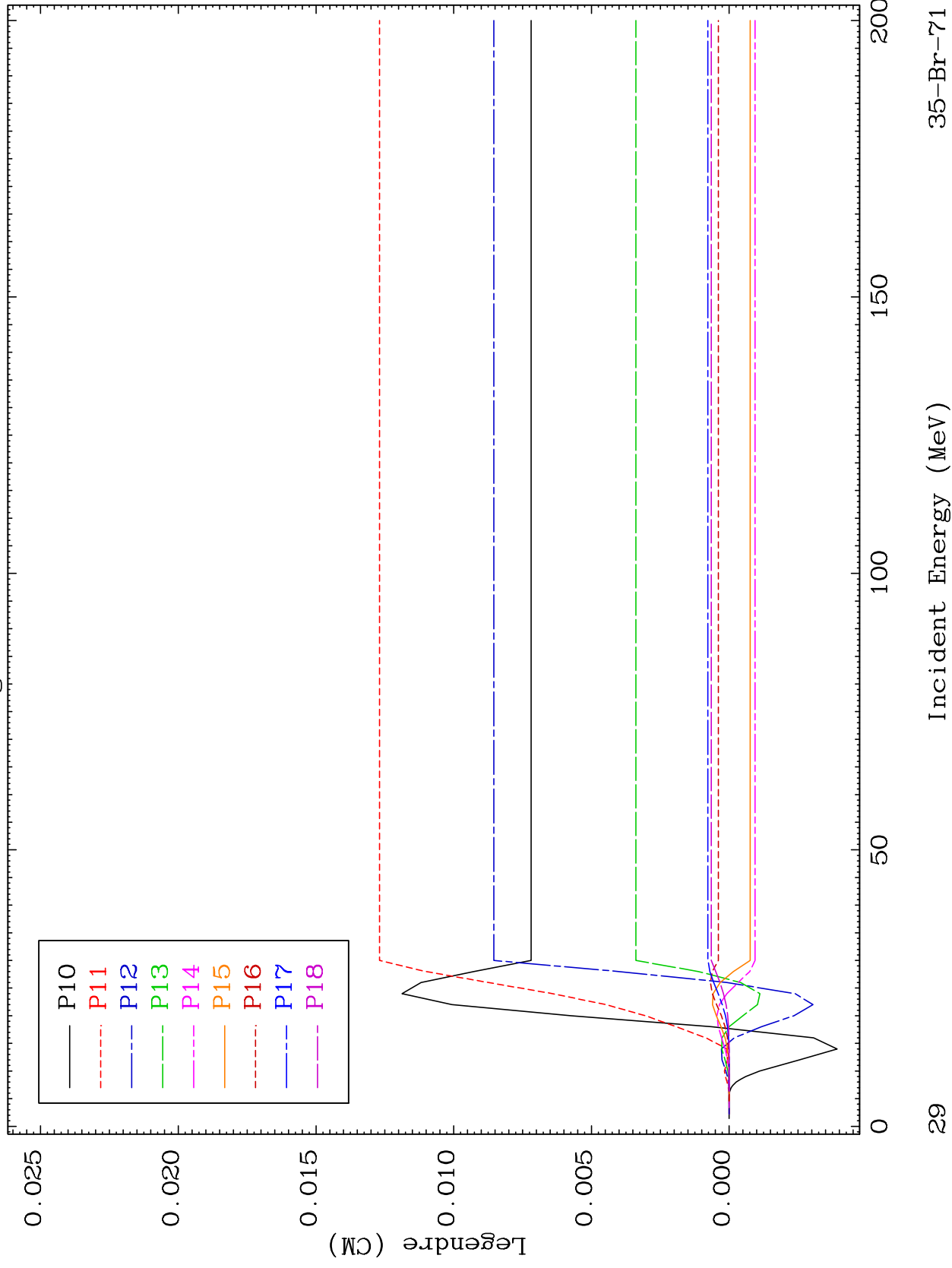
Incident Energy (MeV)

28

MAT 3501

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

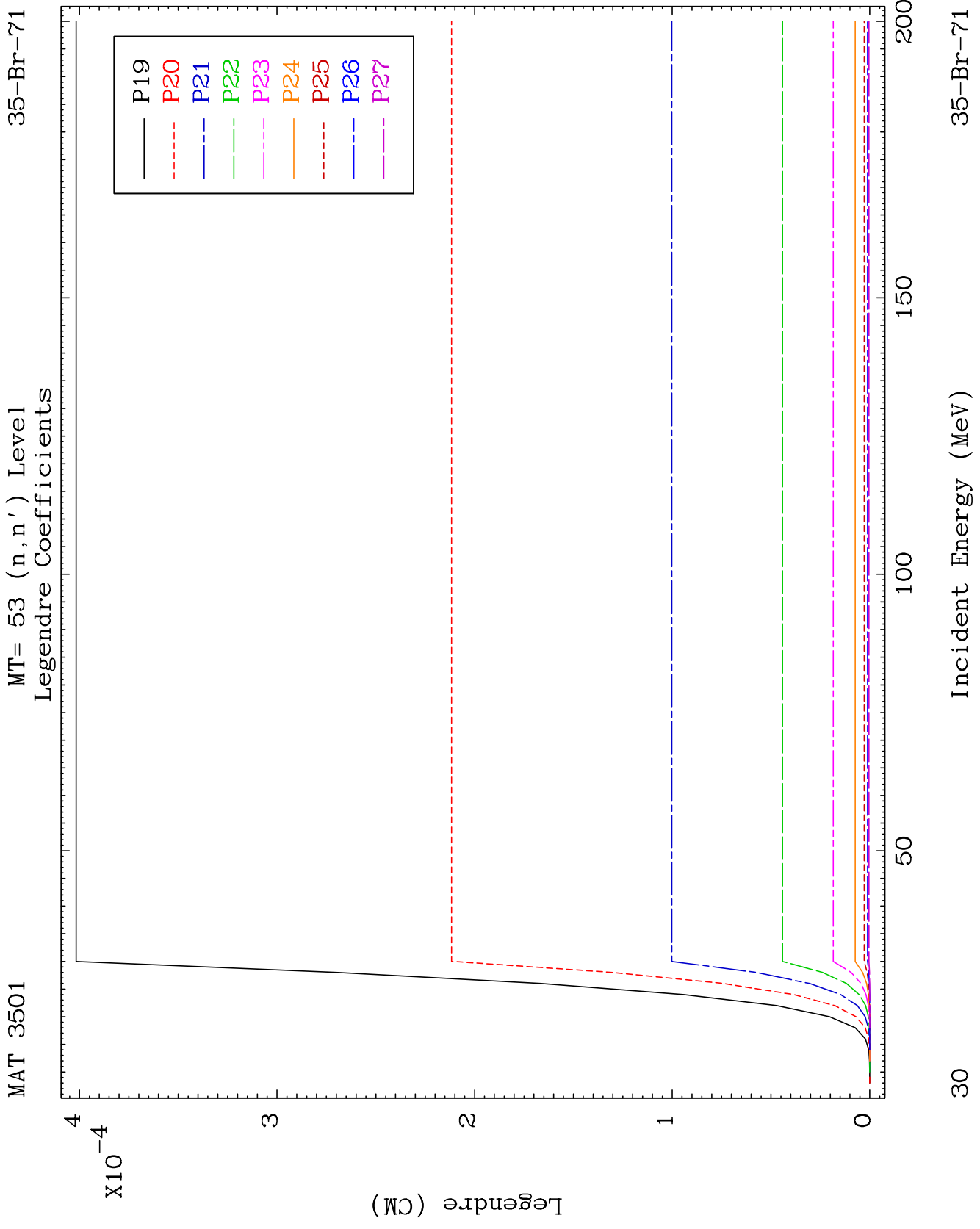
35-Br-71



29

Incident Energy (MeV)

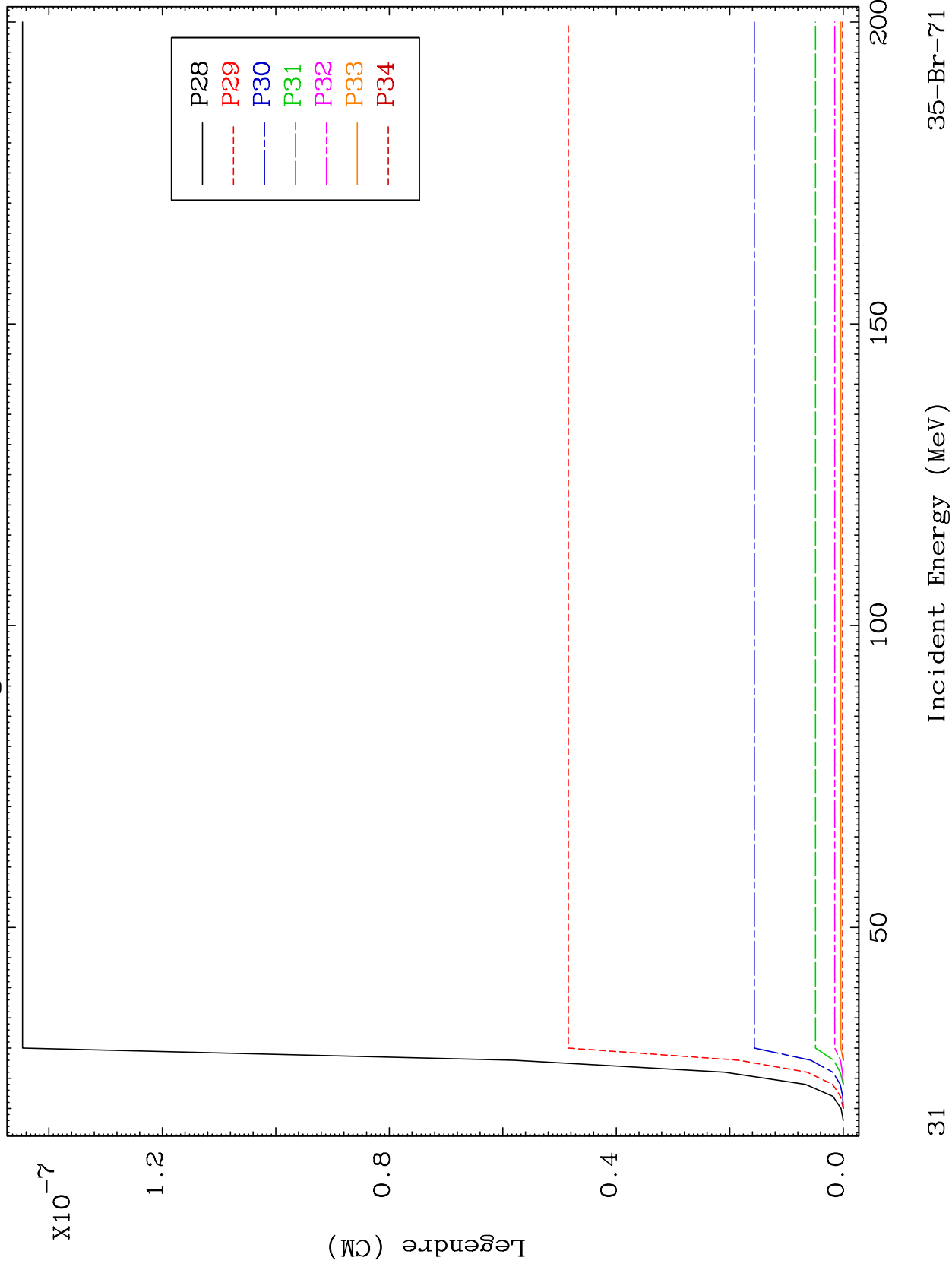
35-Br-71



MAT 3501

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

35-Br-71



31

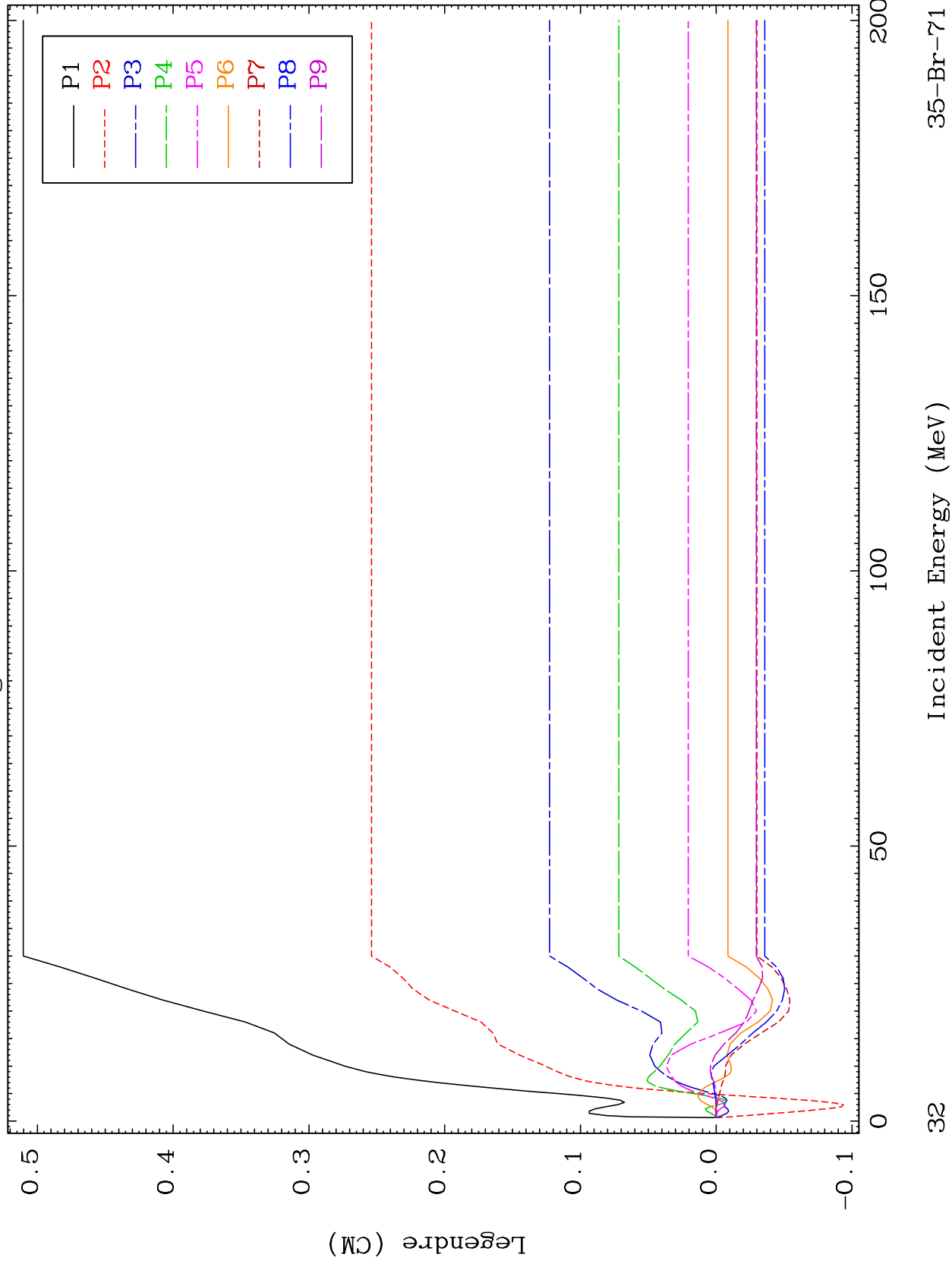
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



35-Br-71

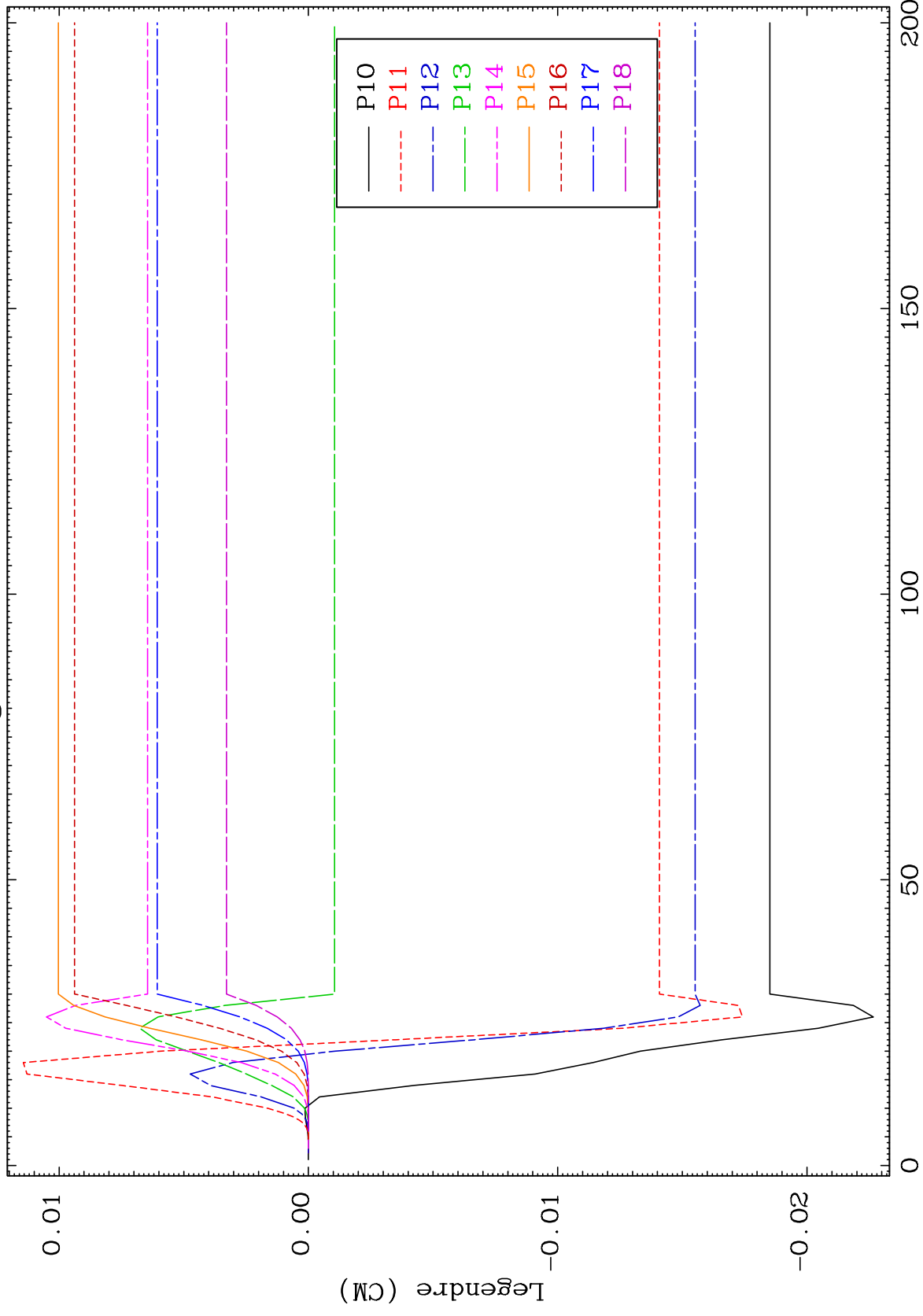
Incident Energy (MeV)

32

MAT 3501

35-Br-71

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



33

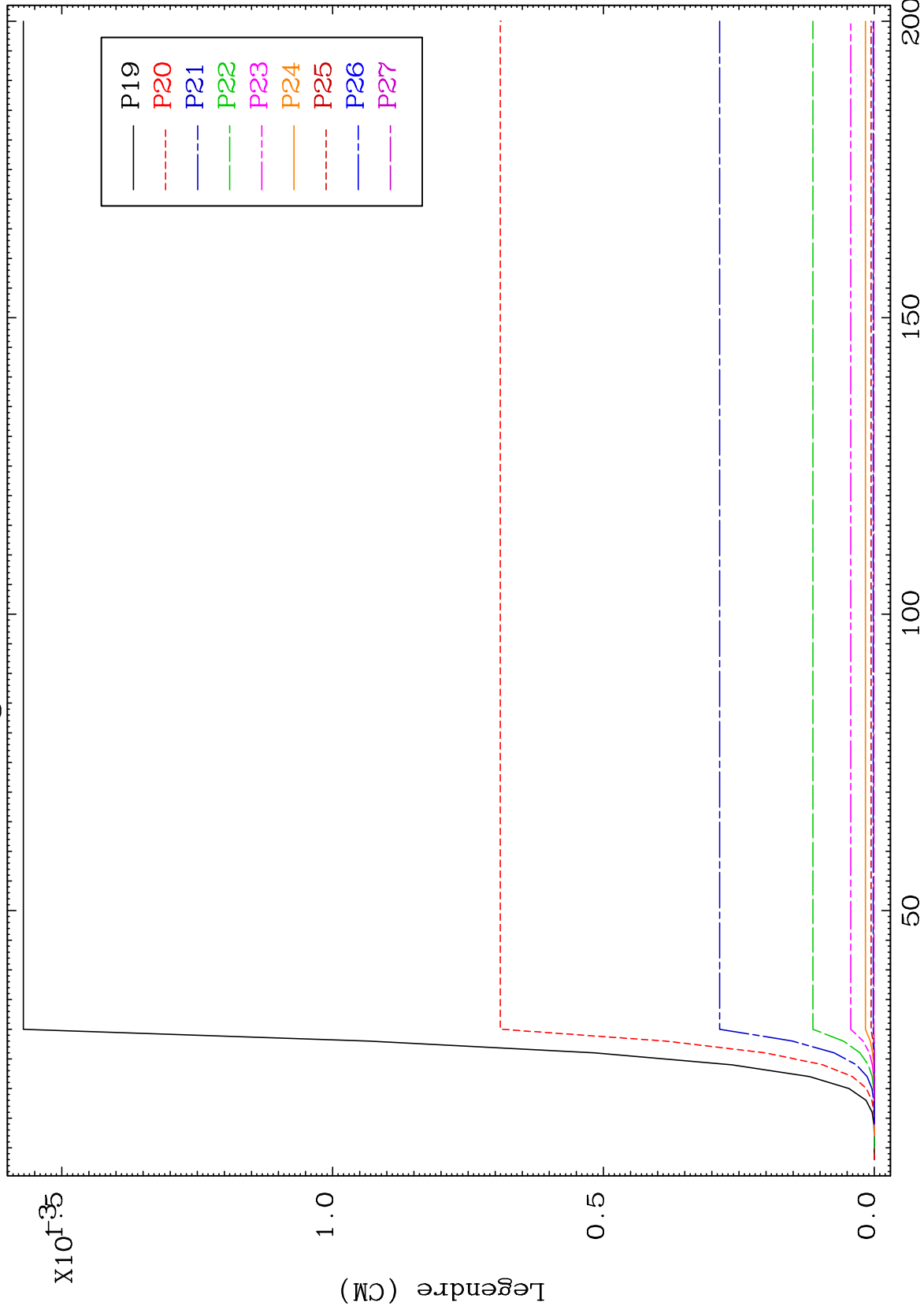
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



34

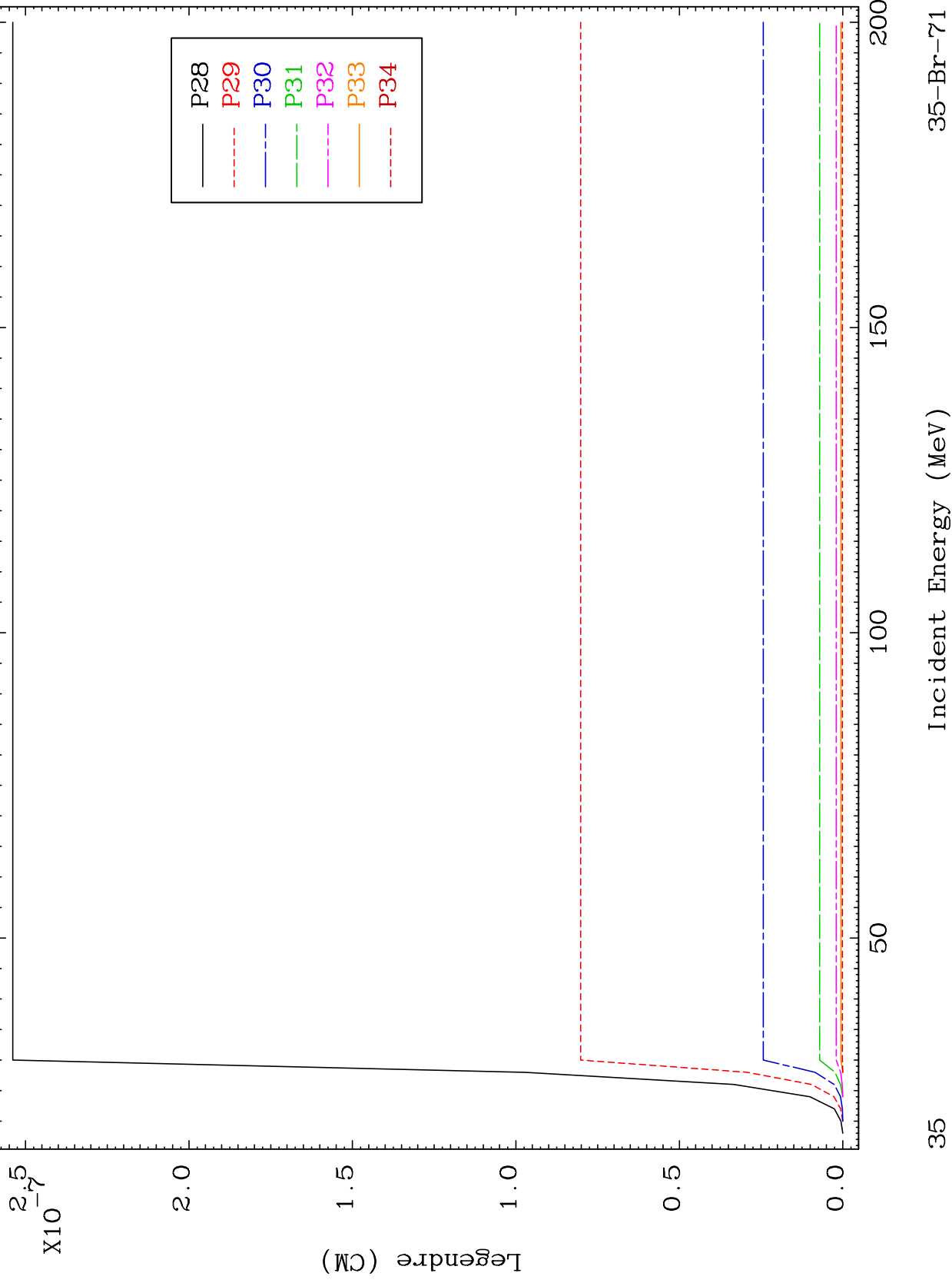
Incident Energy (MeV)

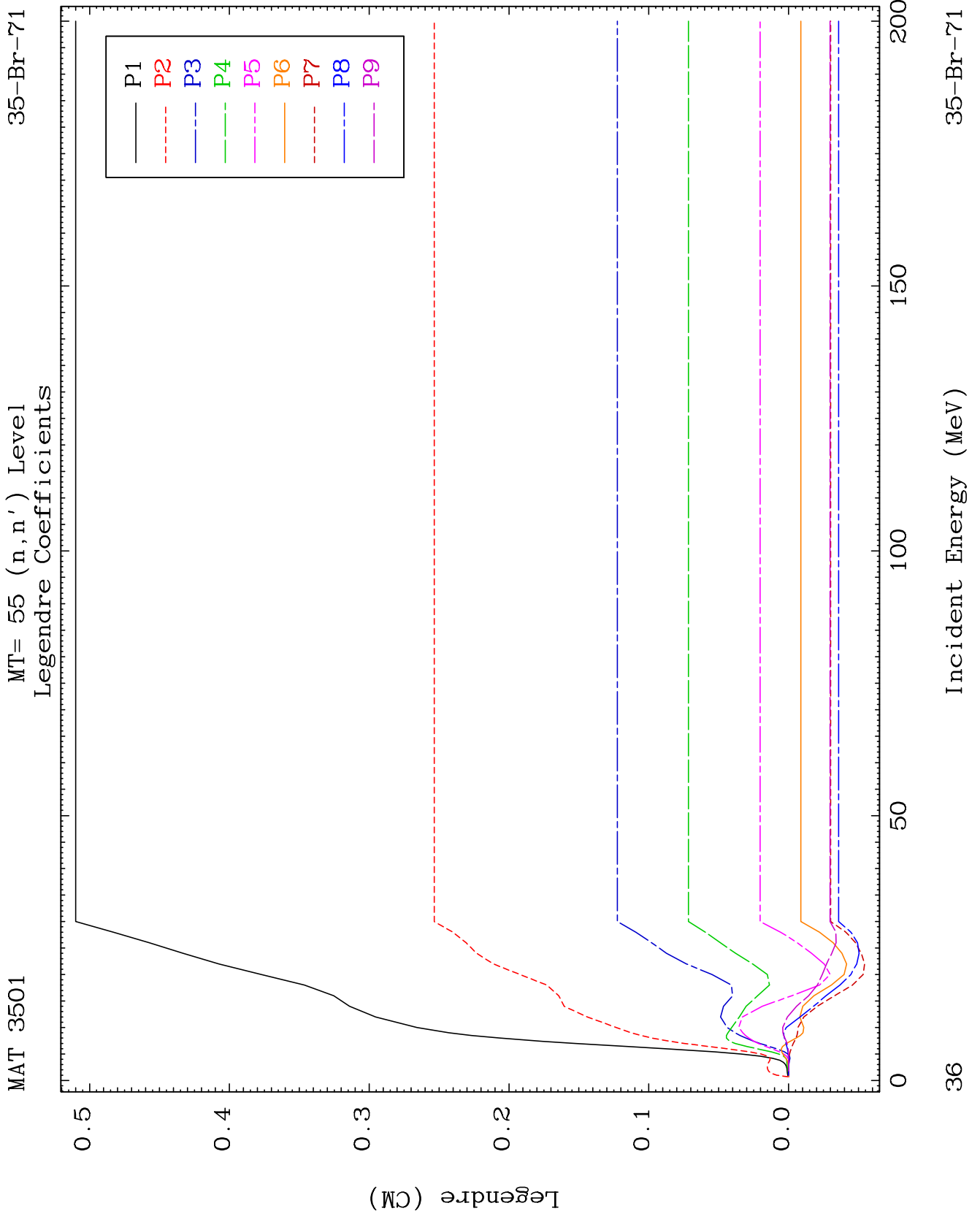
35-Br-71

MAT 3501

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

35-Br-71

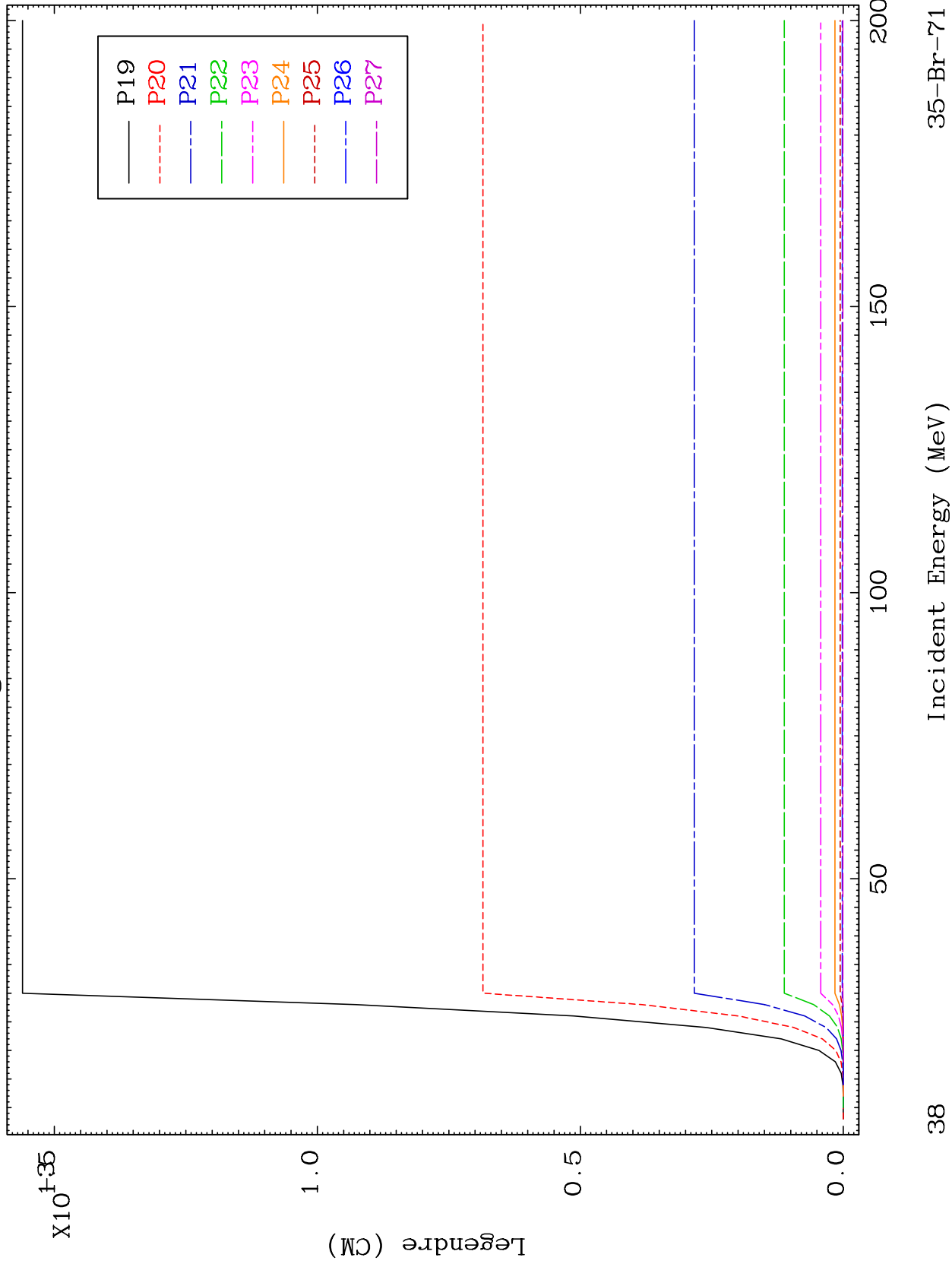




MAT 3501

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

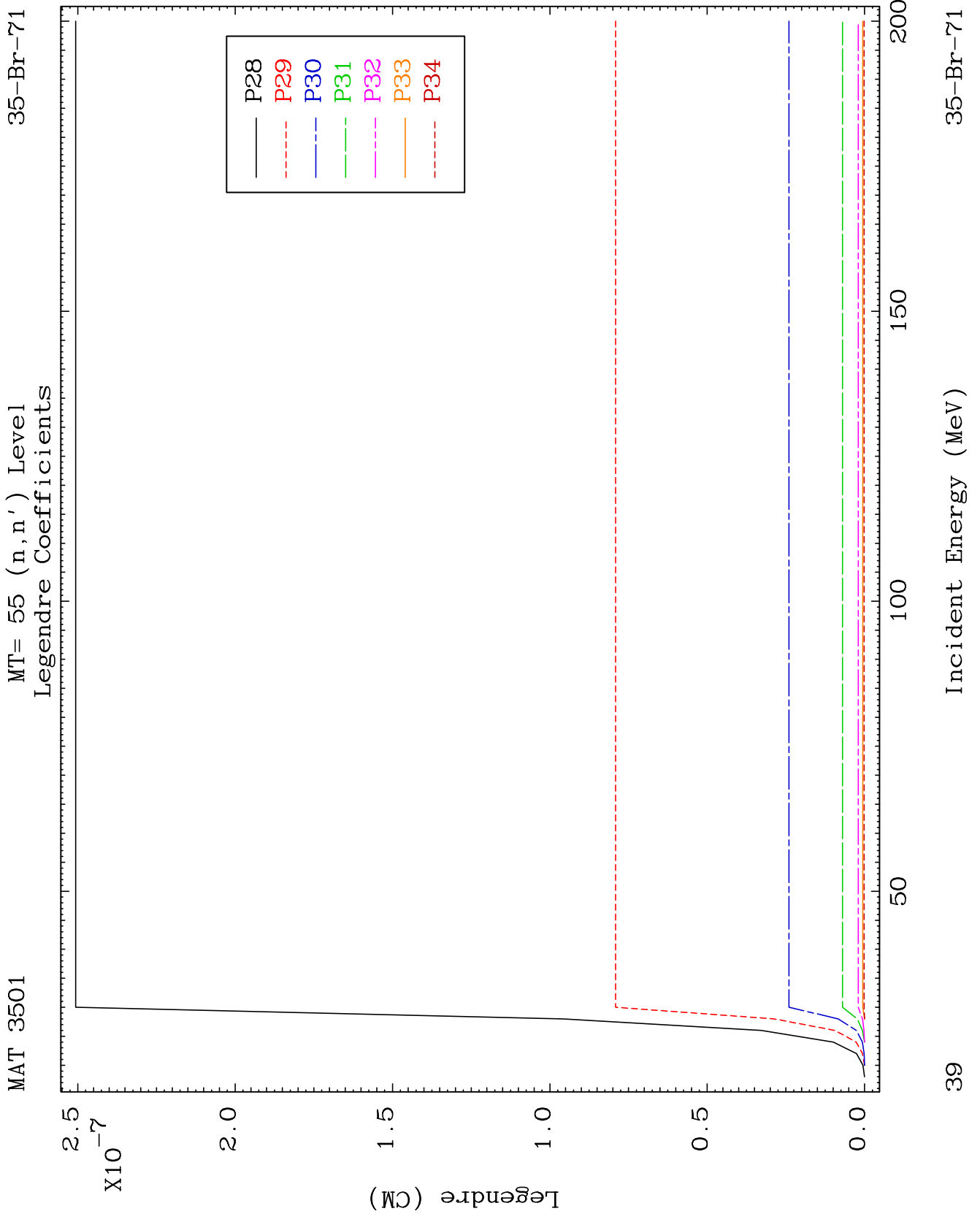
35-Br-71



38

Incident Energy (MeV)

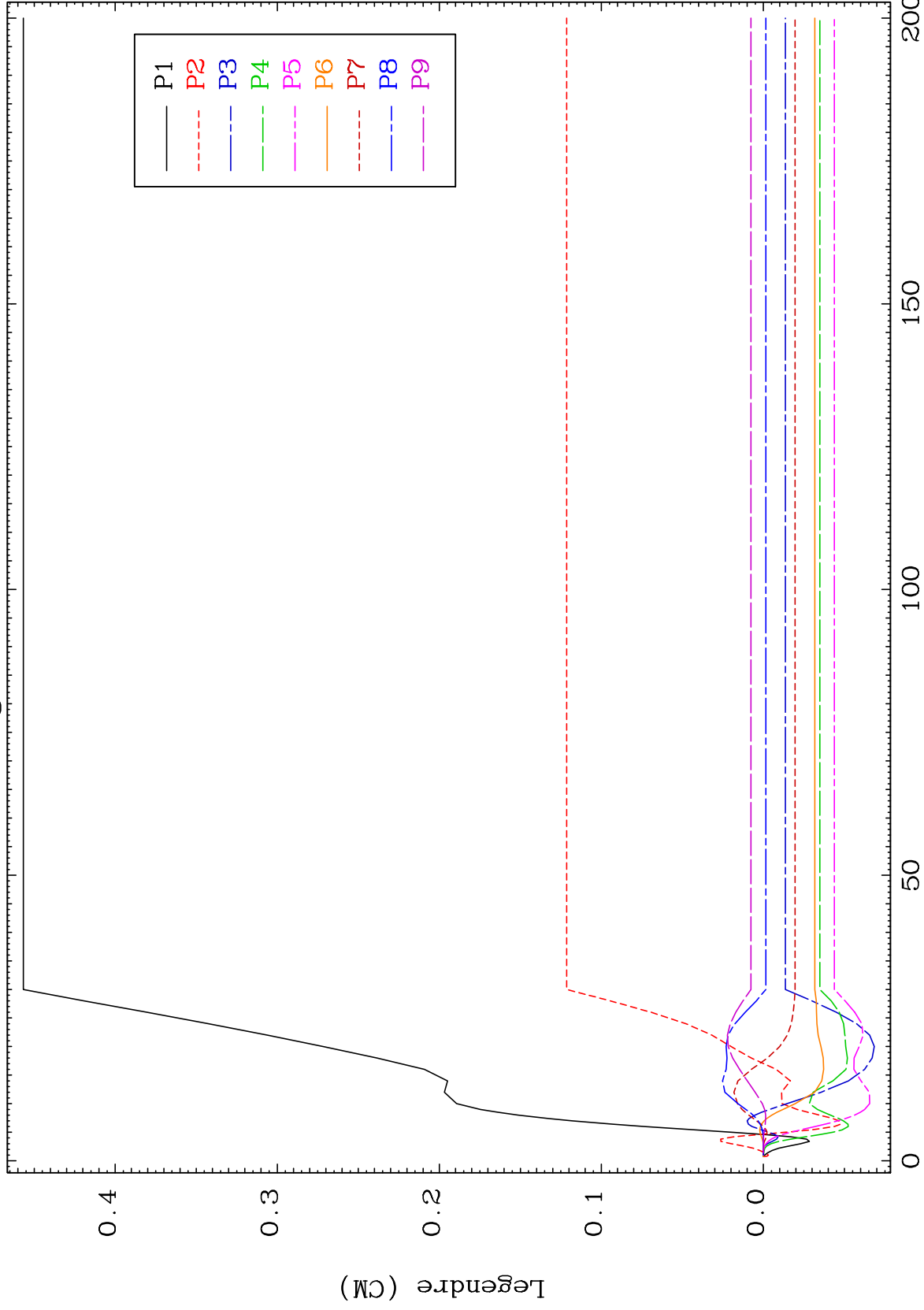
35-Br-71



MAT 3501

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

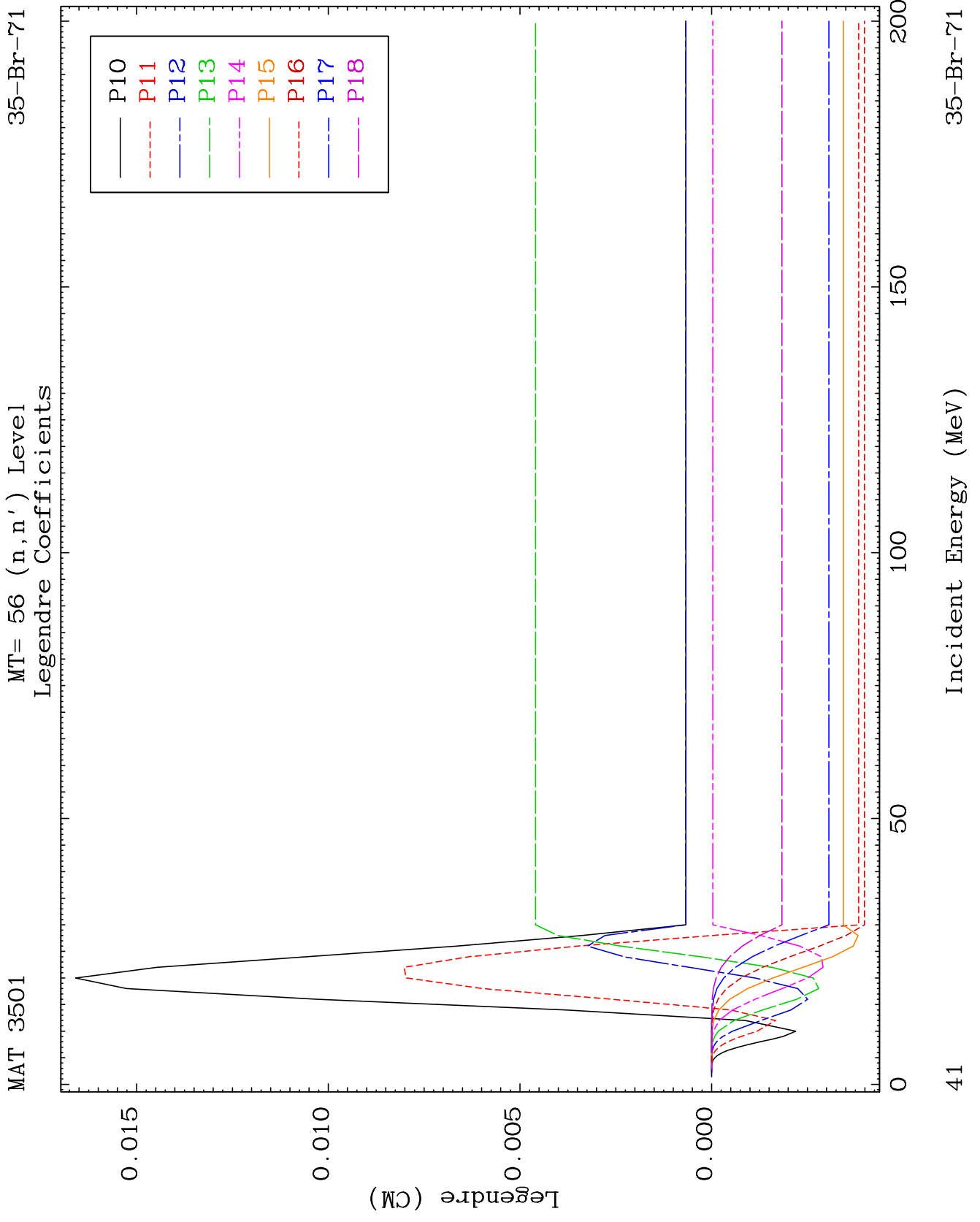
35-Br-71

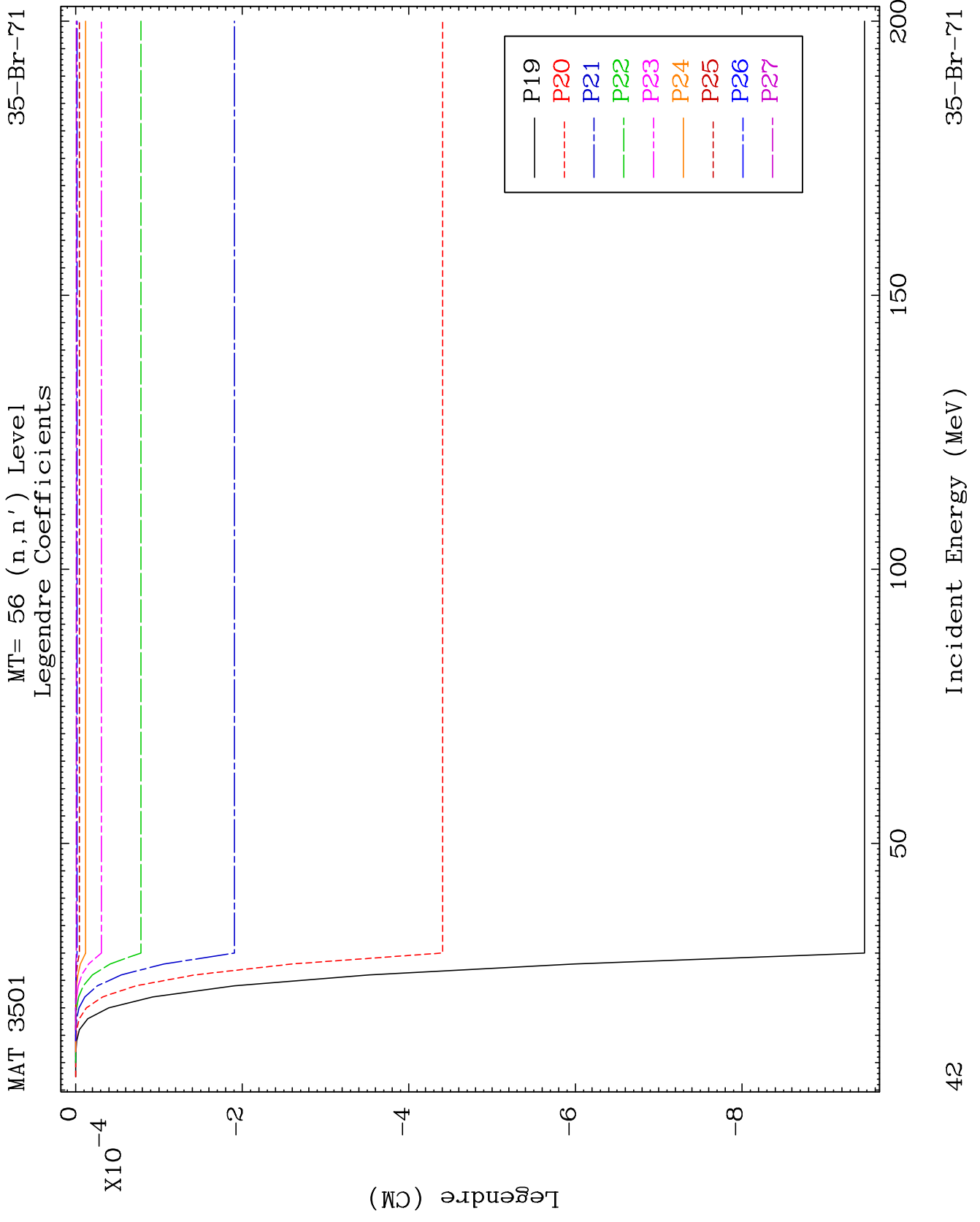


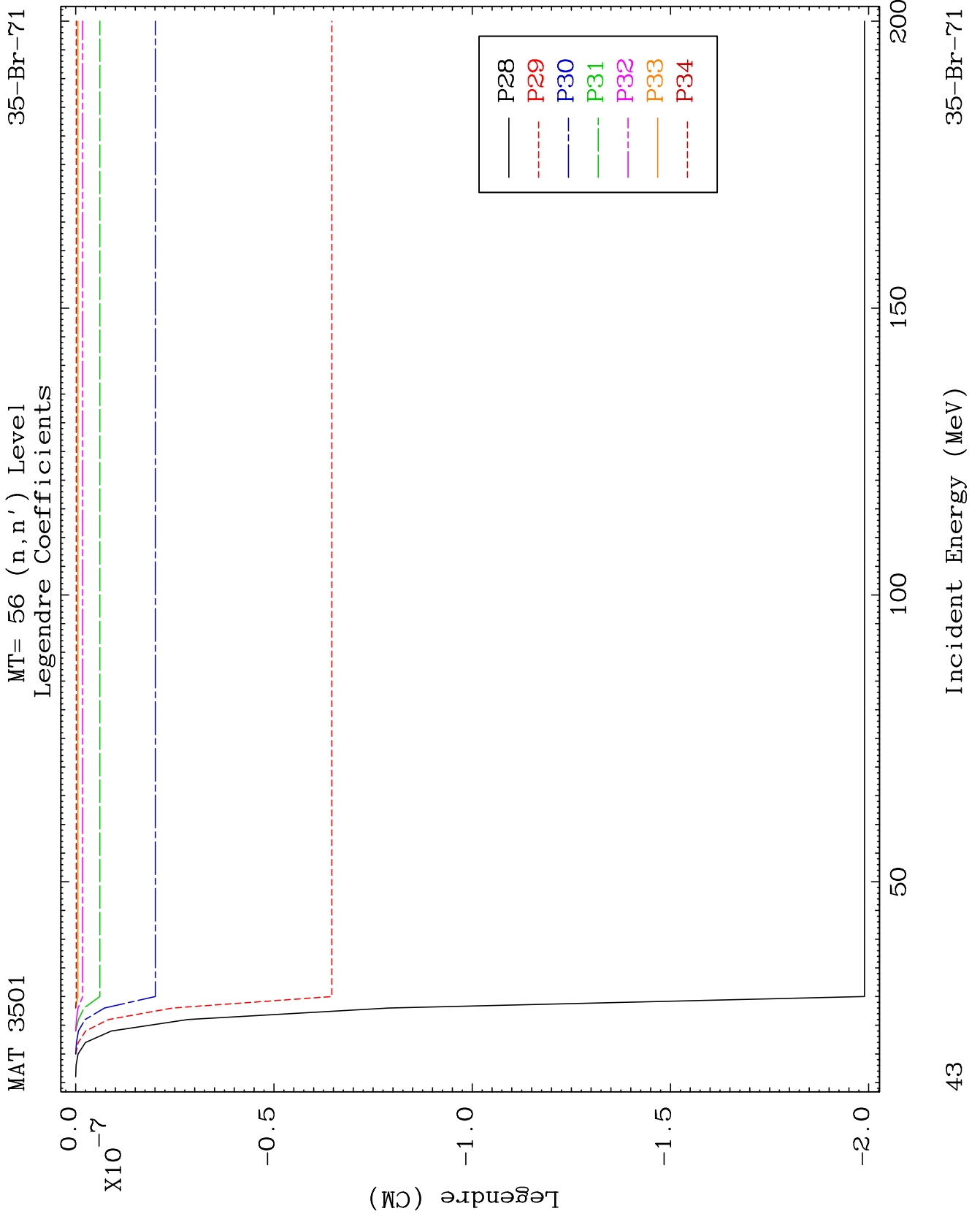
35-Br-71

Incident Energy (MeV)

40



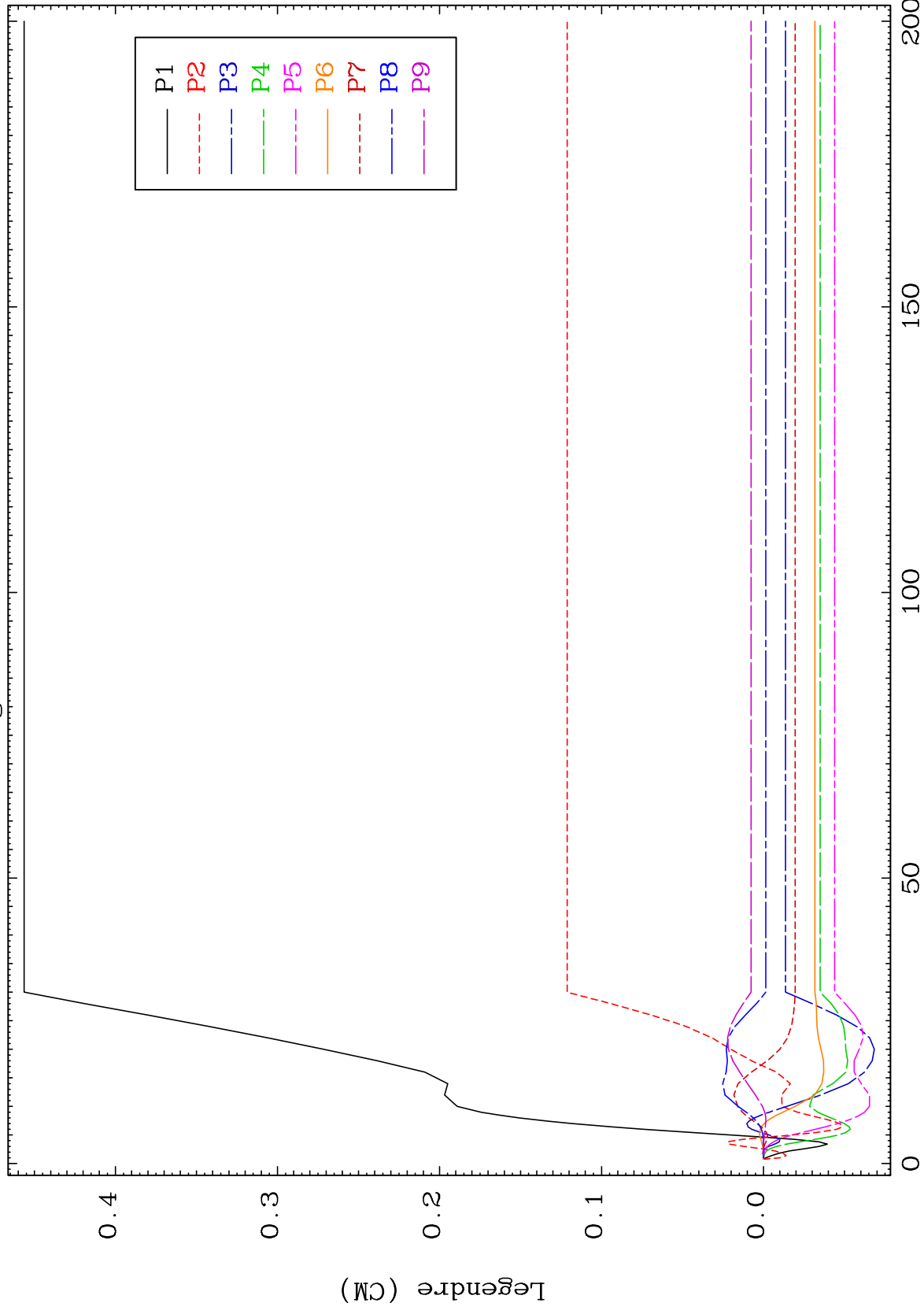




MAT 3501

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

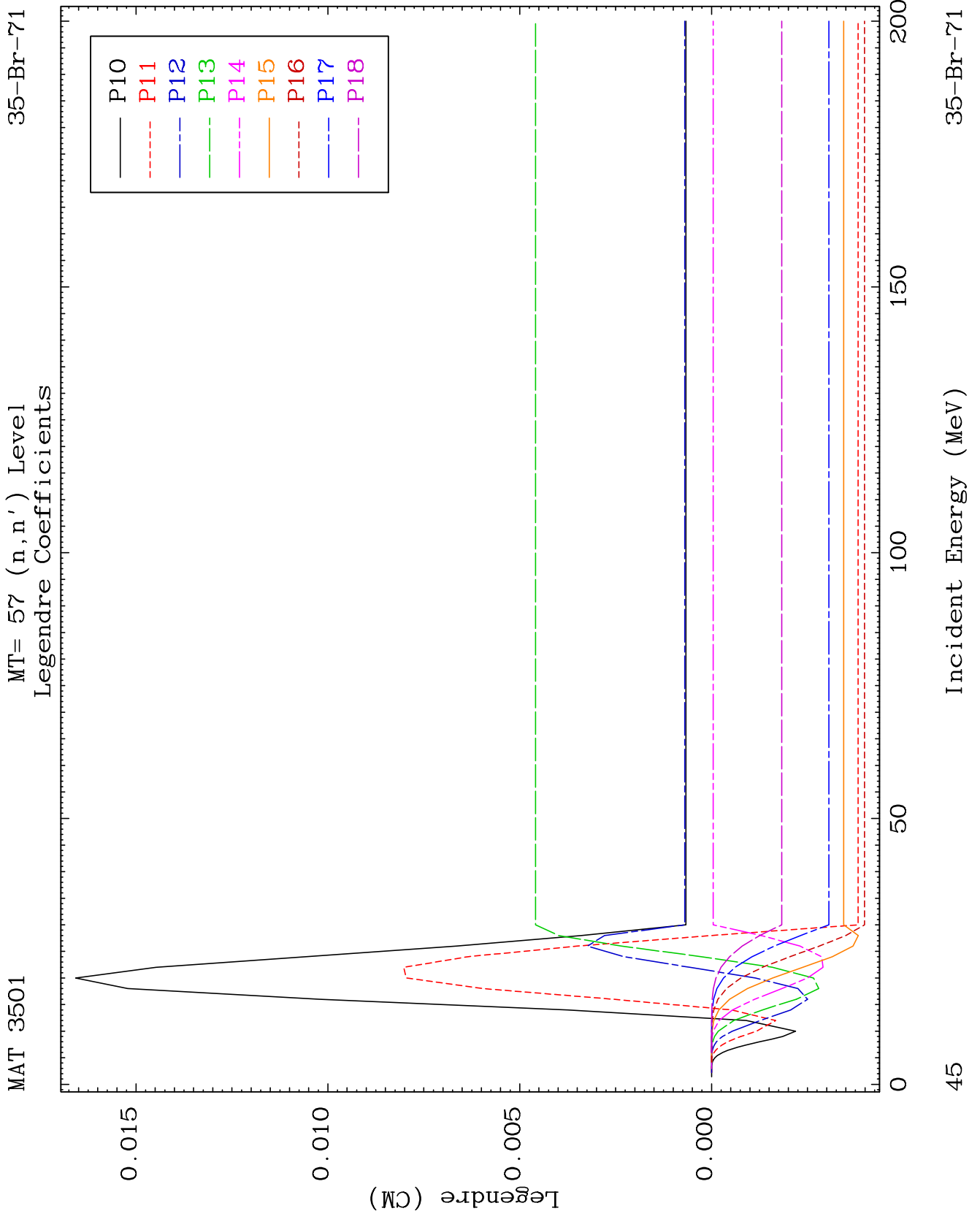
35-Br-71

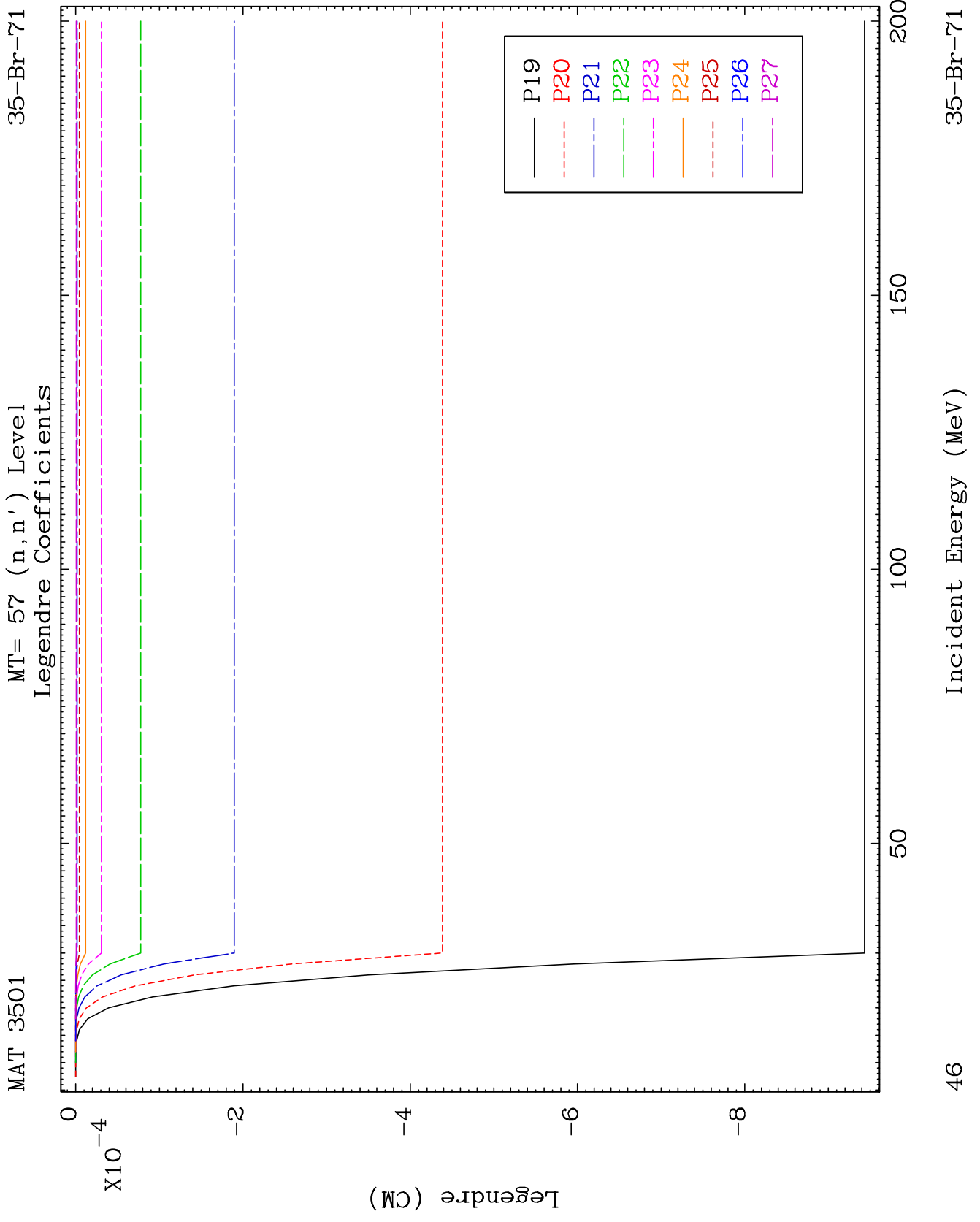


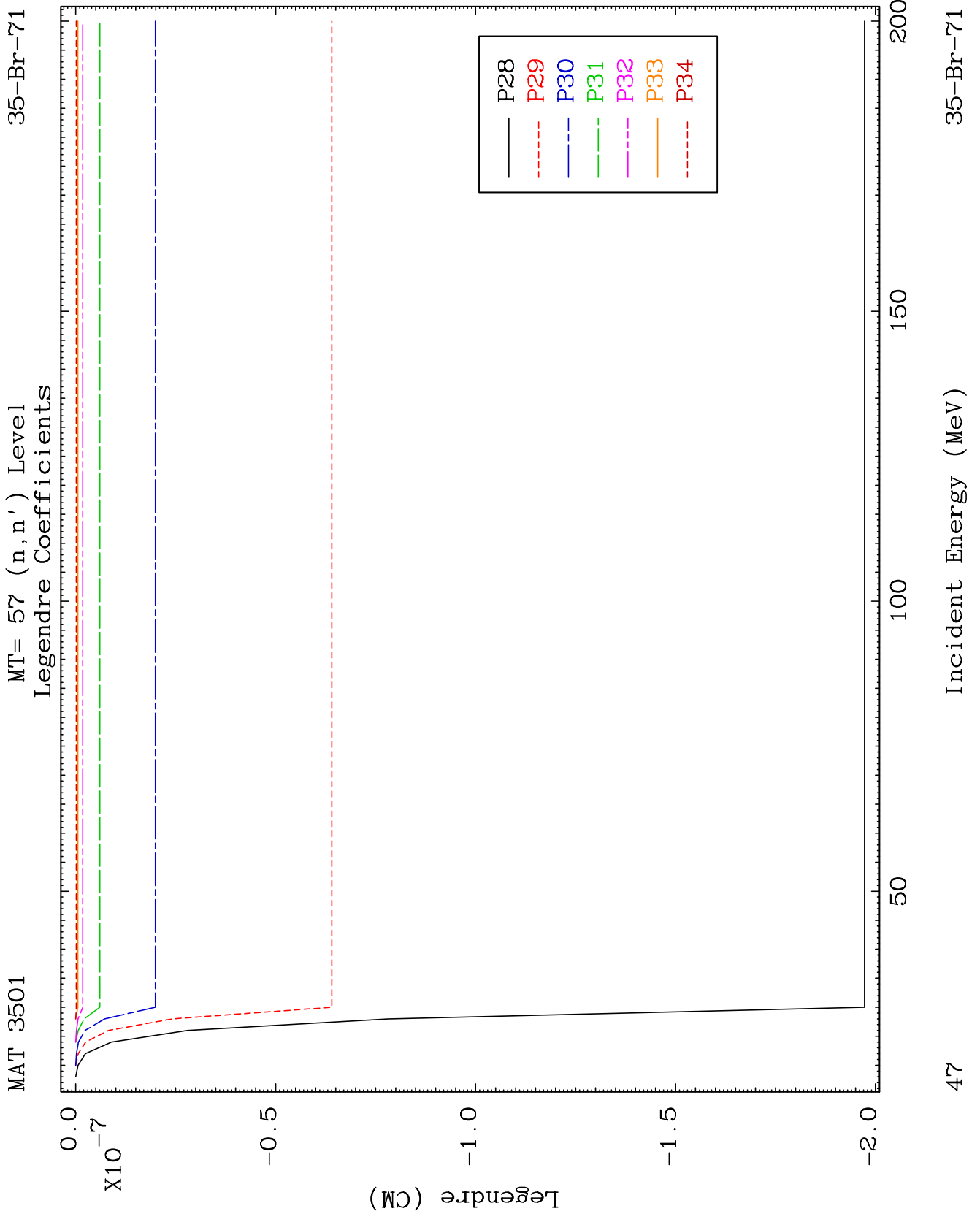
44

Incident Energy (MeV)

35-Br-71



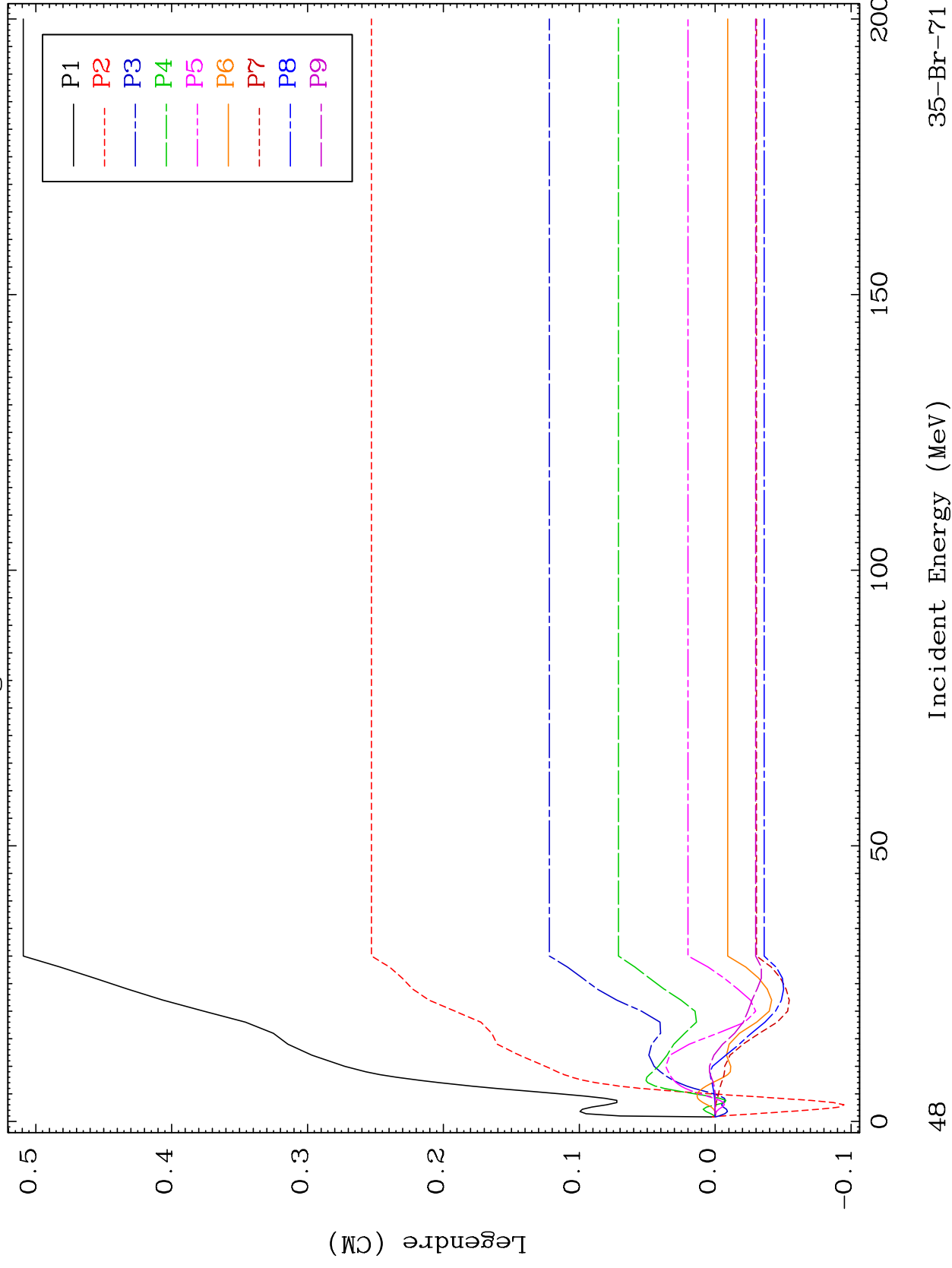


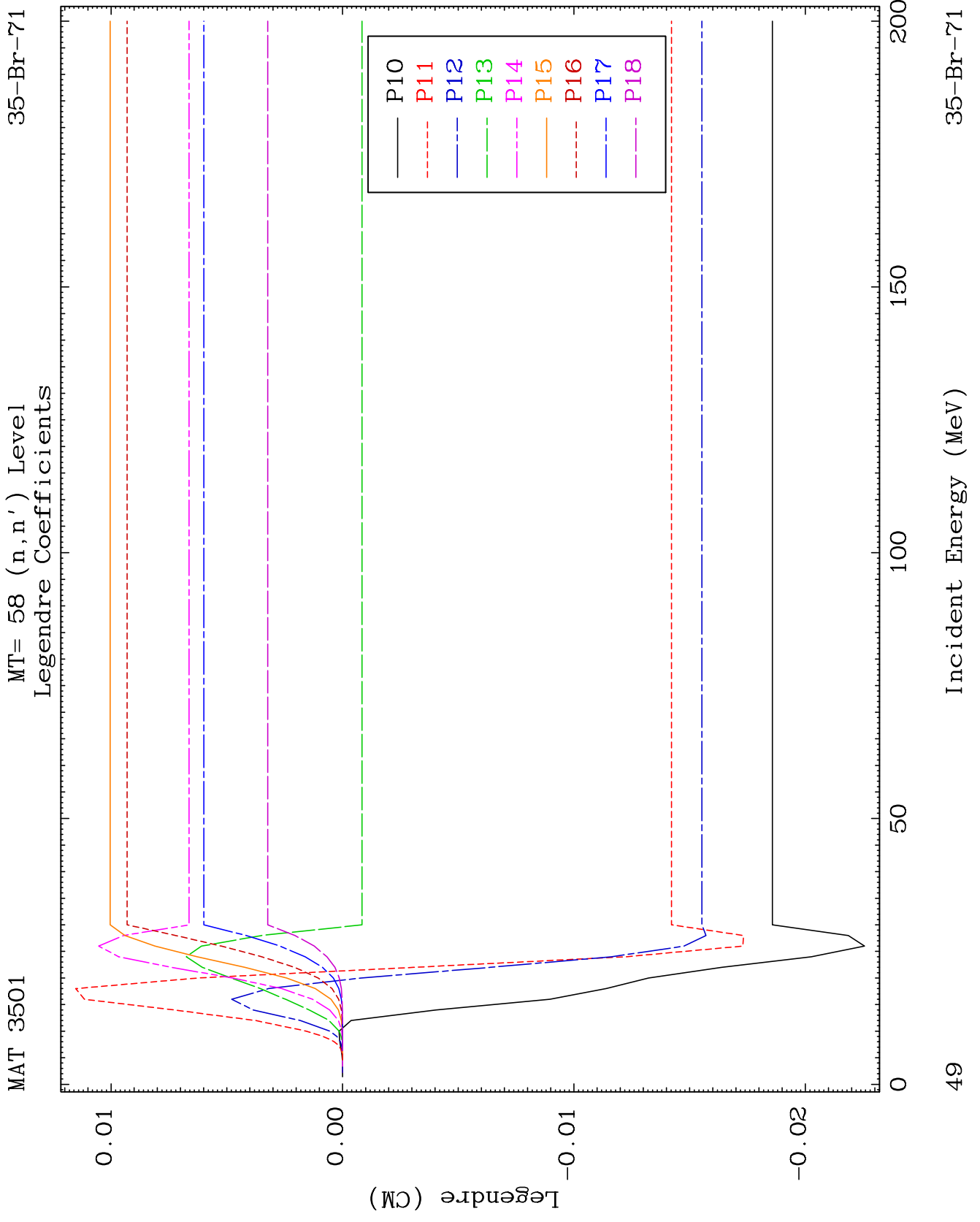


MAT 3501

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

35-Br-71

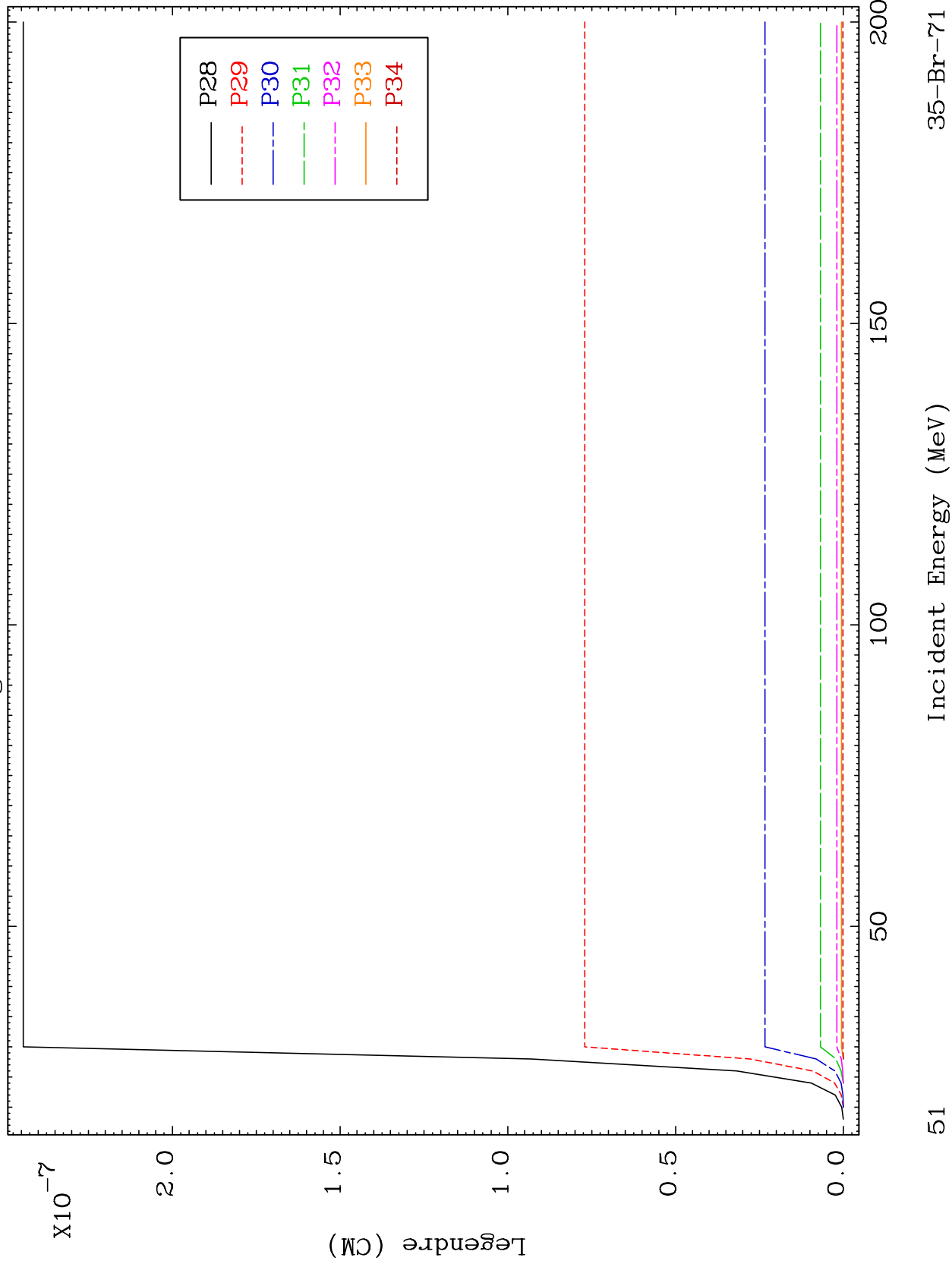




MAT 3501

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

35-Br-71



51

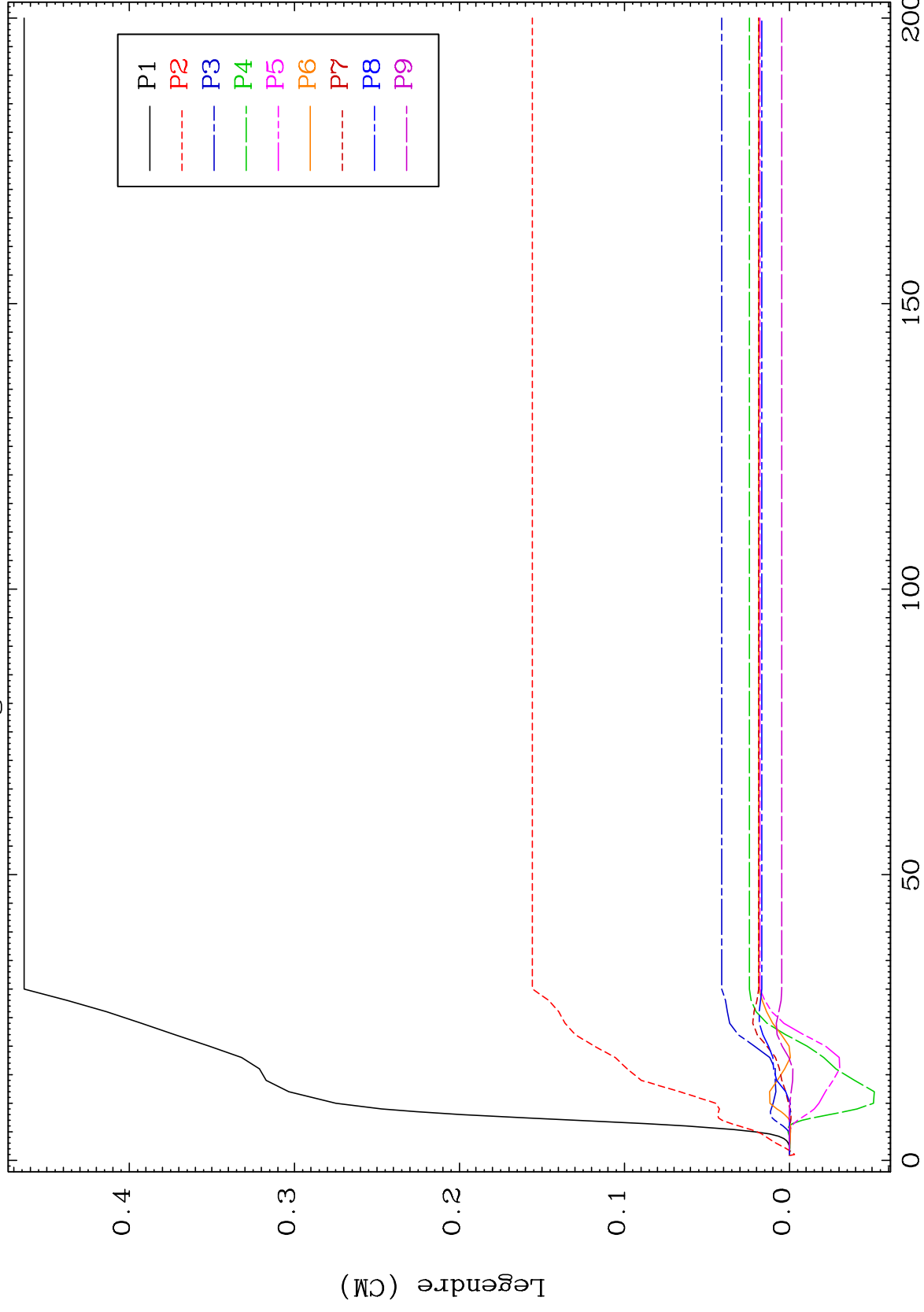
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



52

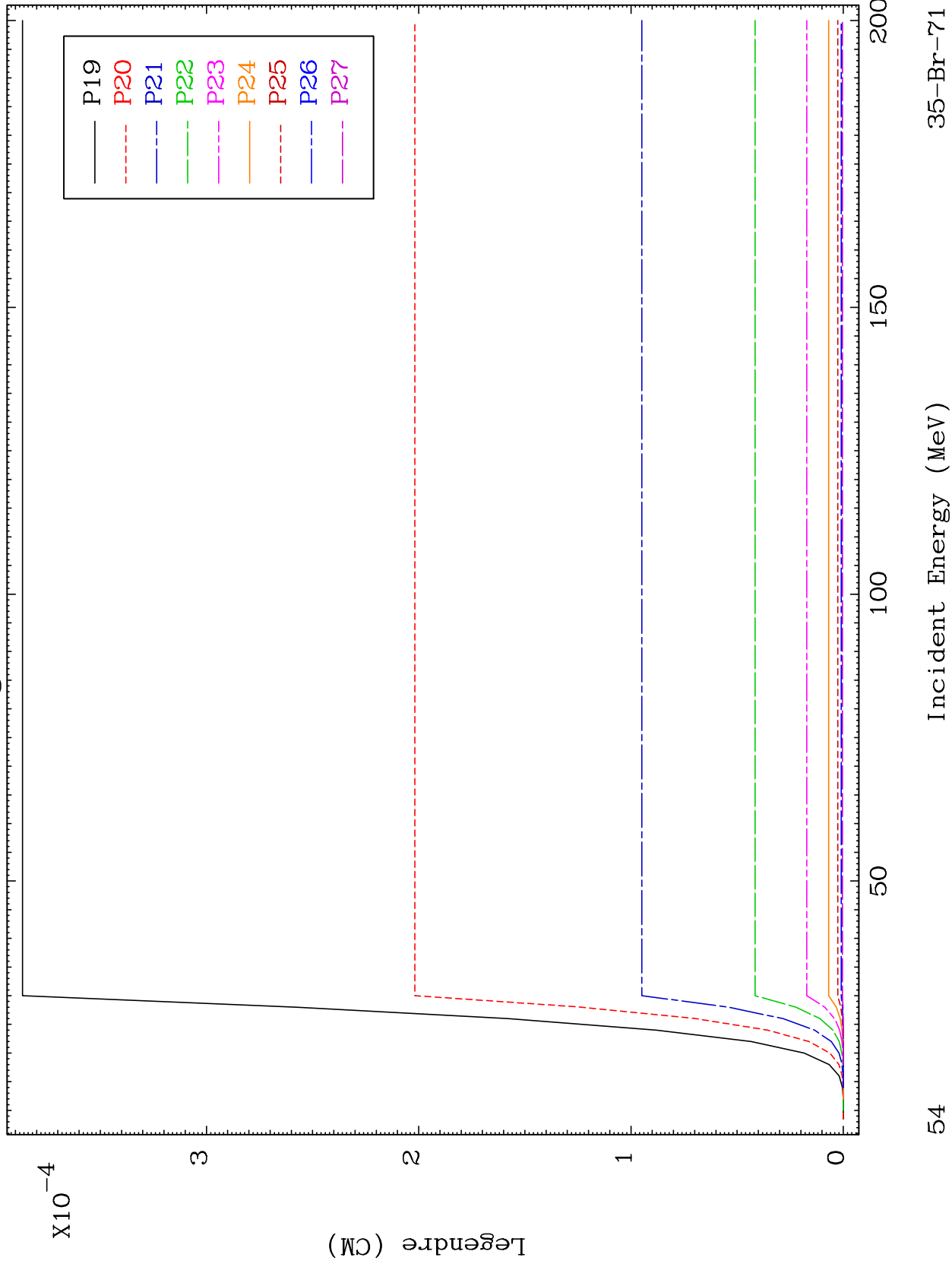
Incident Energy (MeV)

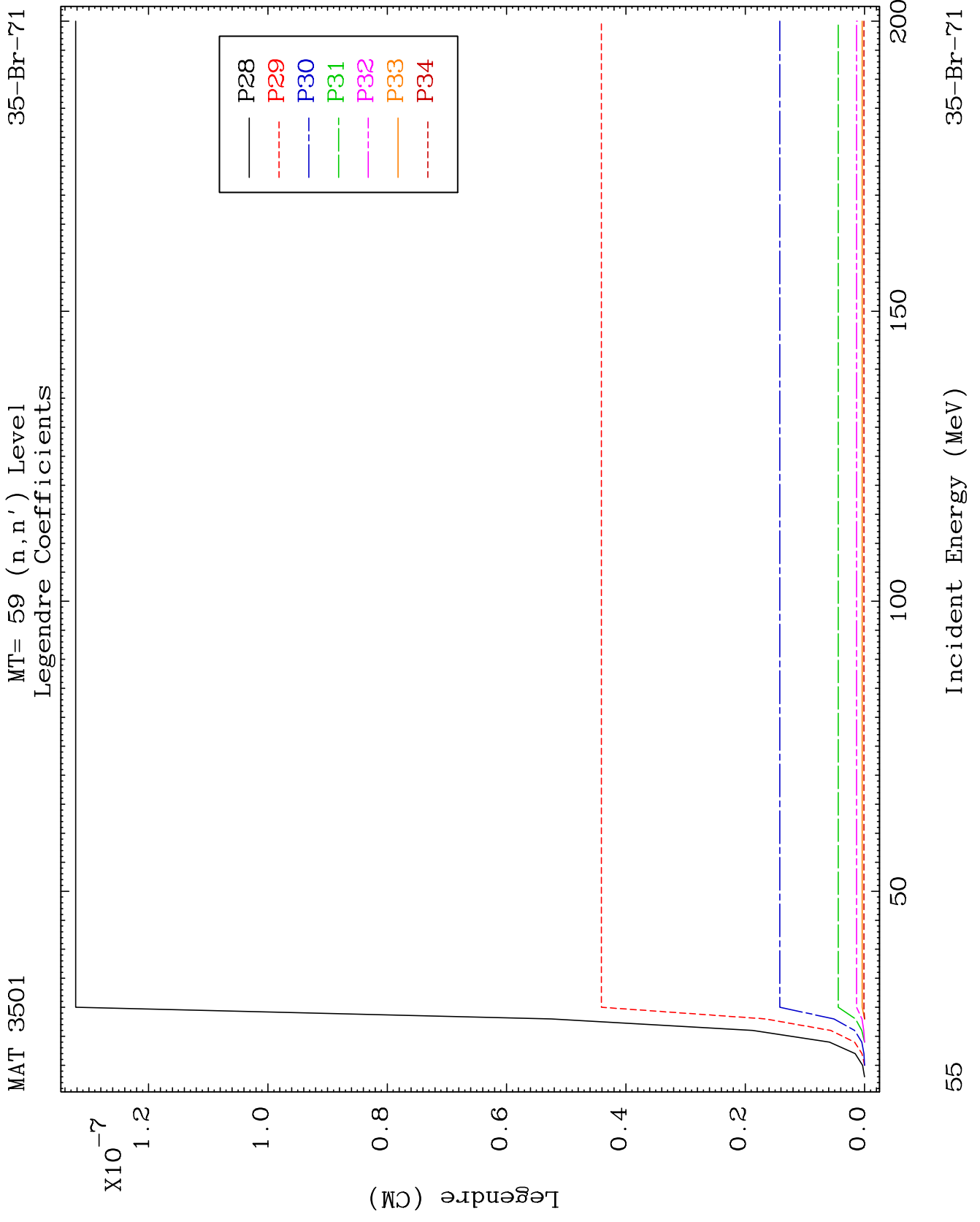
35-Br-71

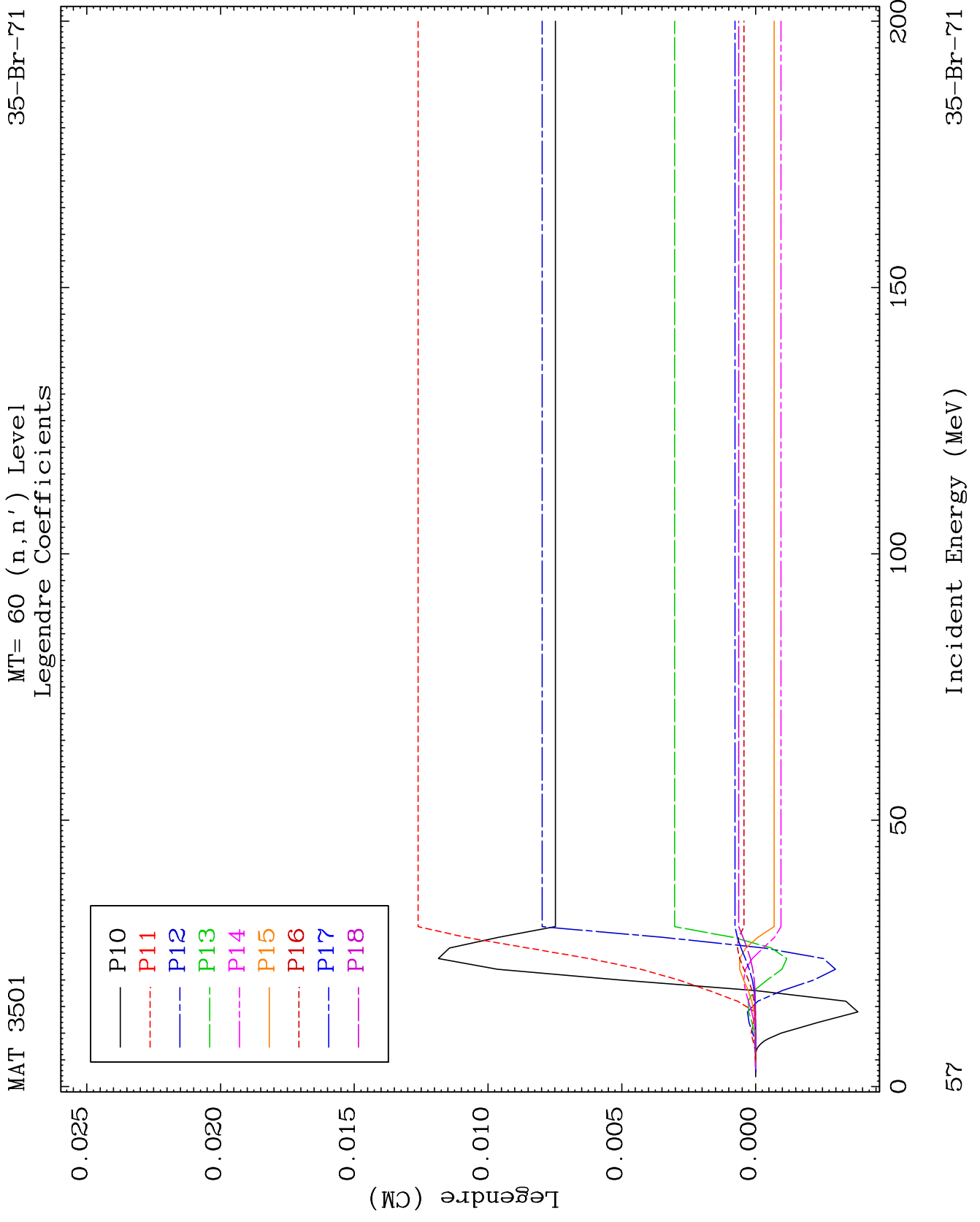
MAT 3501

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

35-Br-71



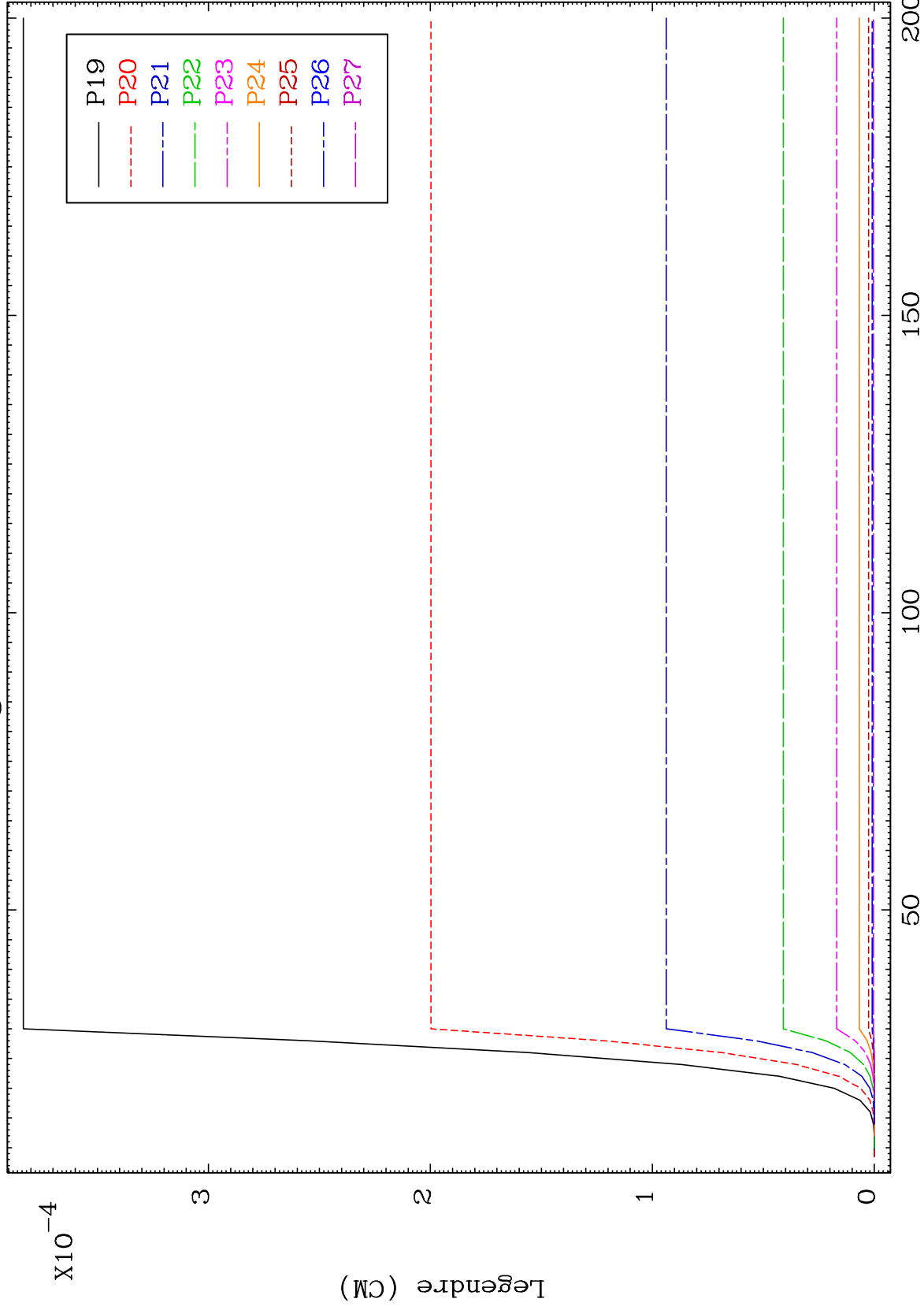




MAT 3501

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

35-Br-71



58

Incident Energy (MeV)

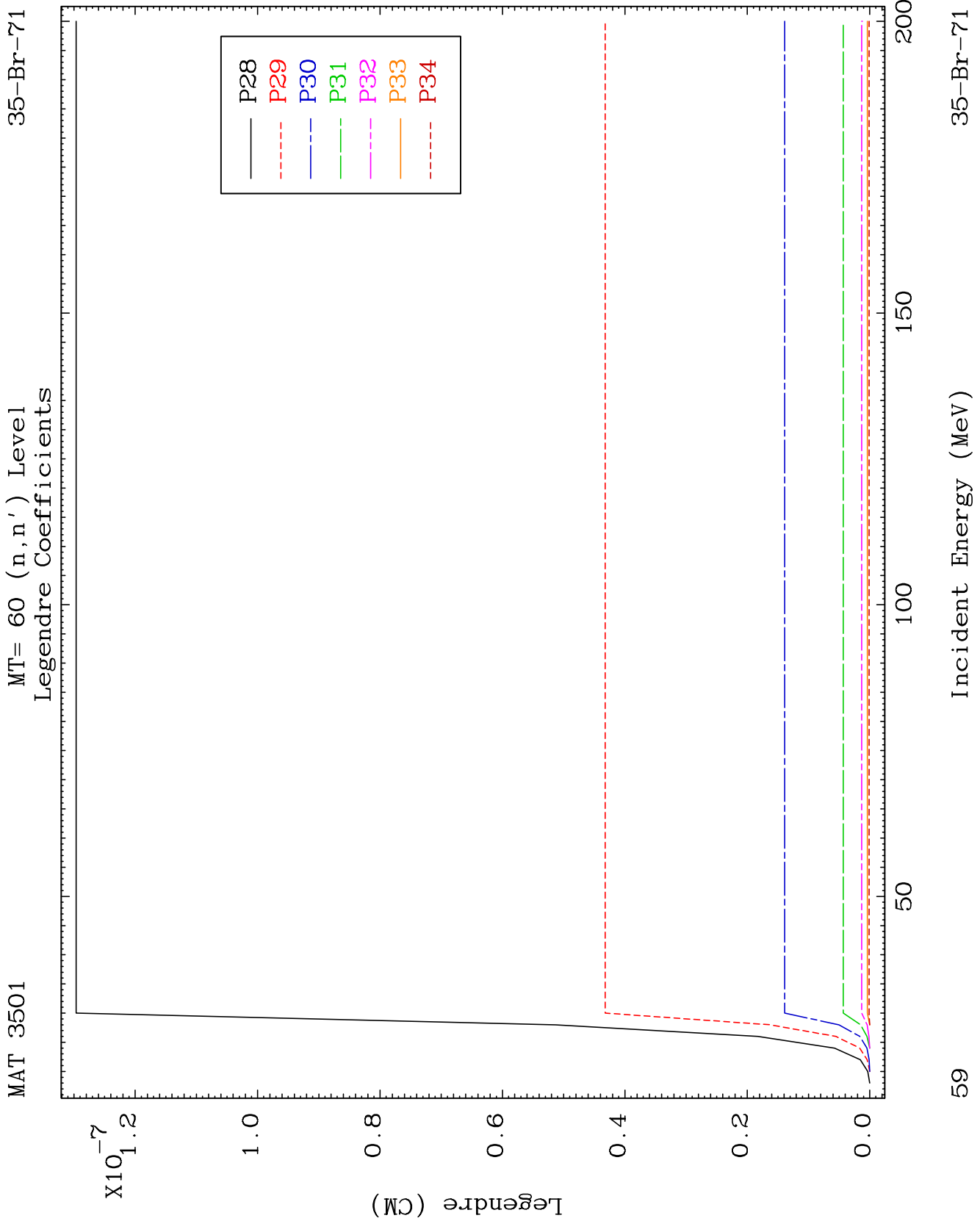
35-Br-71

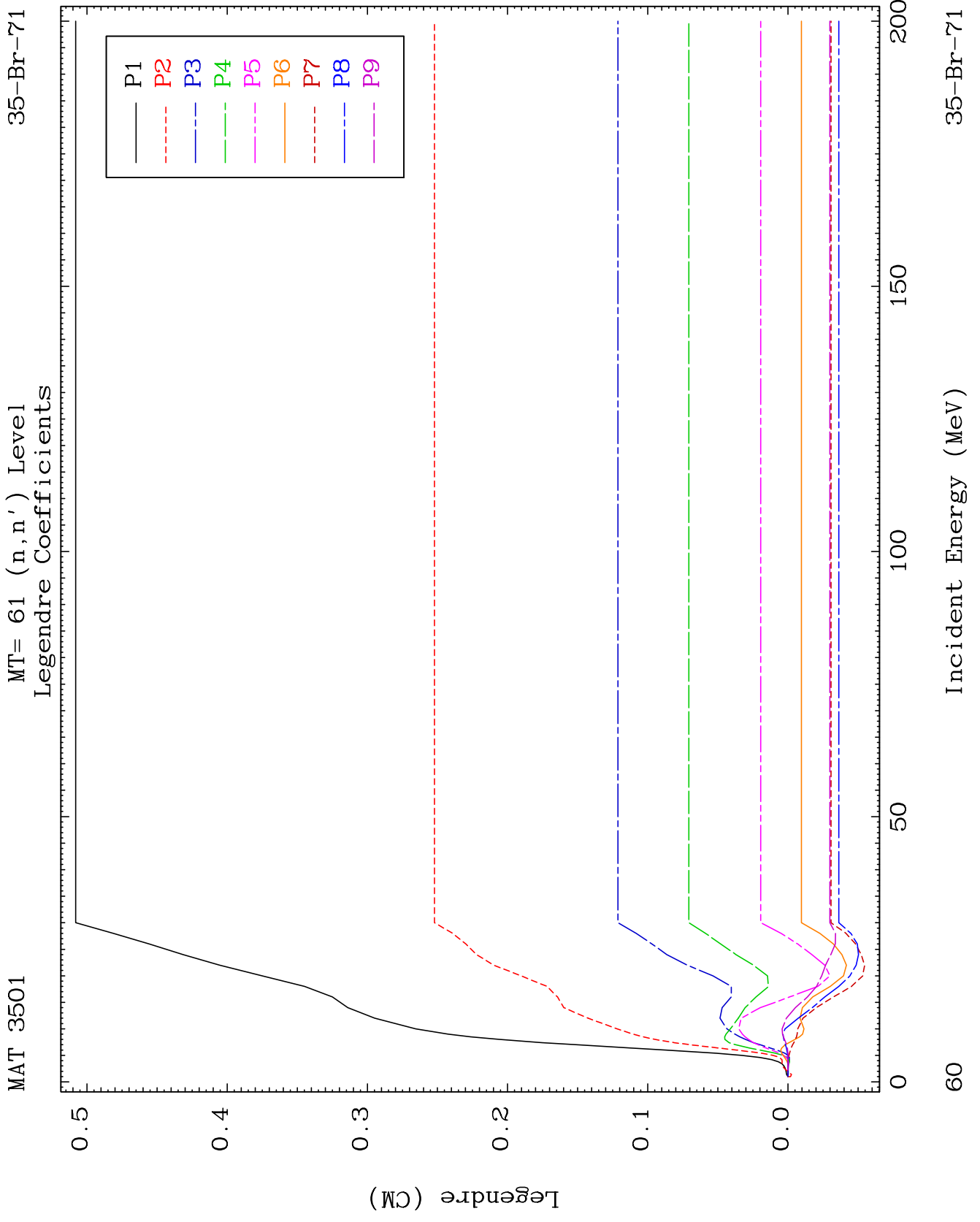
200

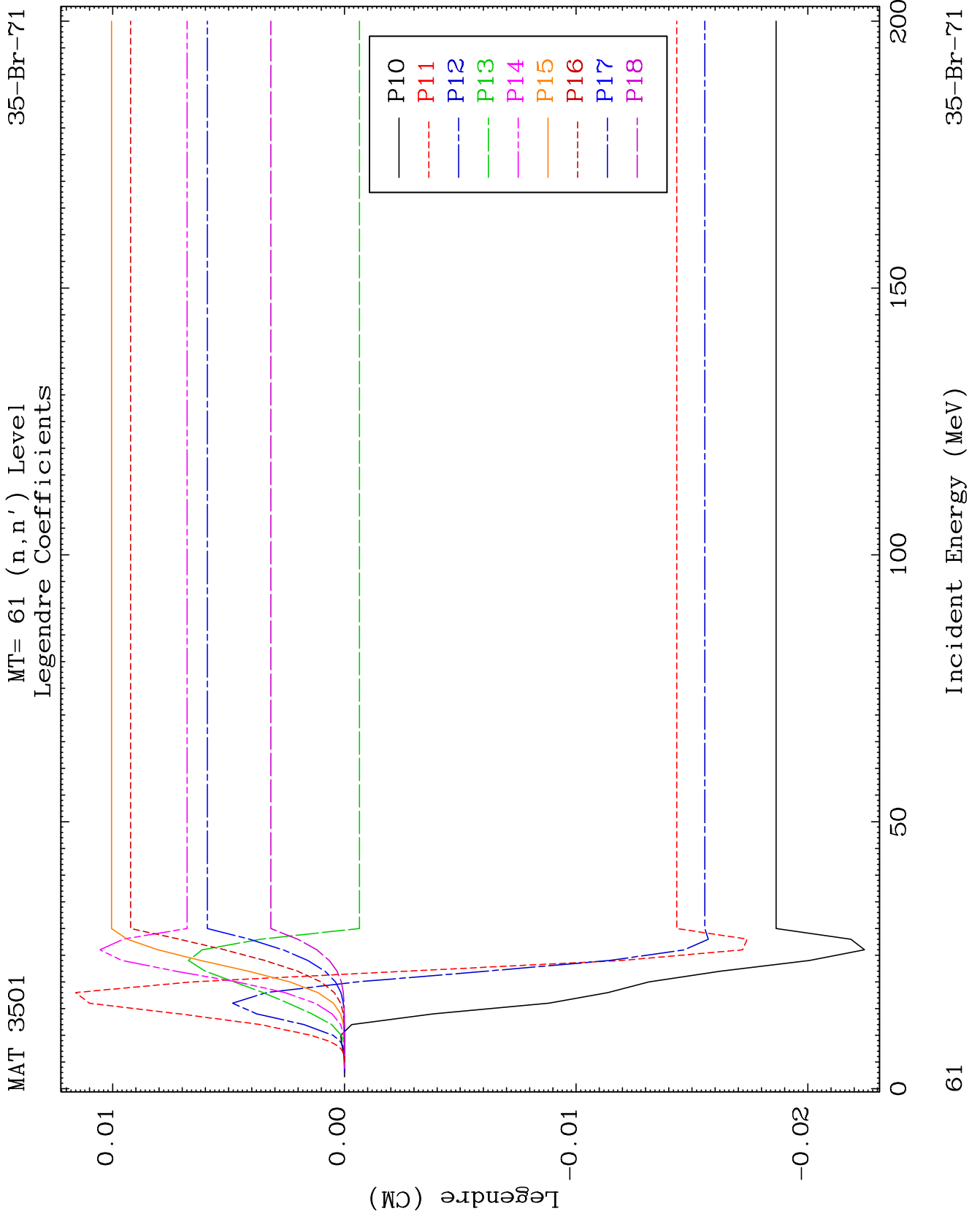
150

100

50



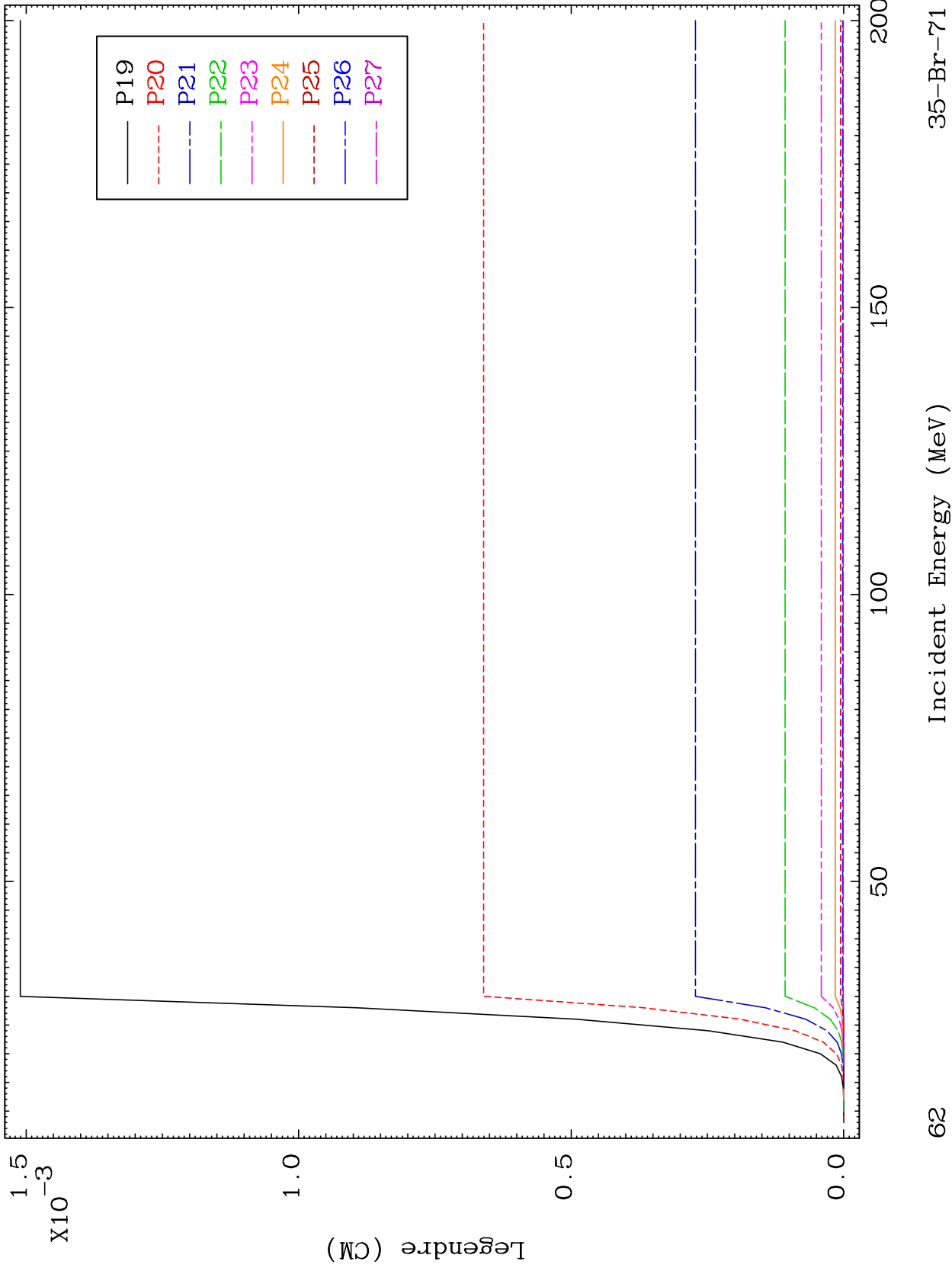




MAT 3501

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

35-Br-71



62

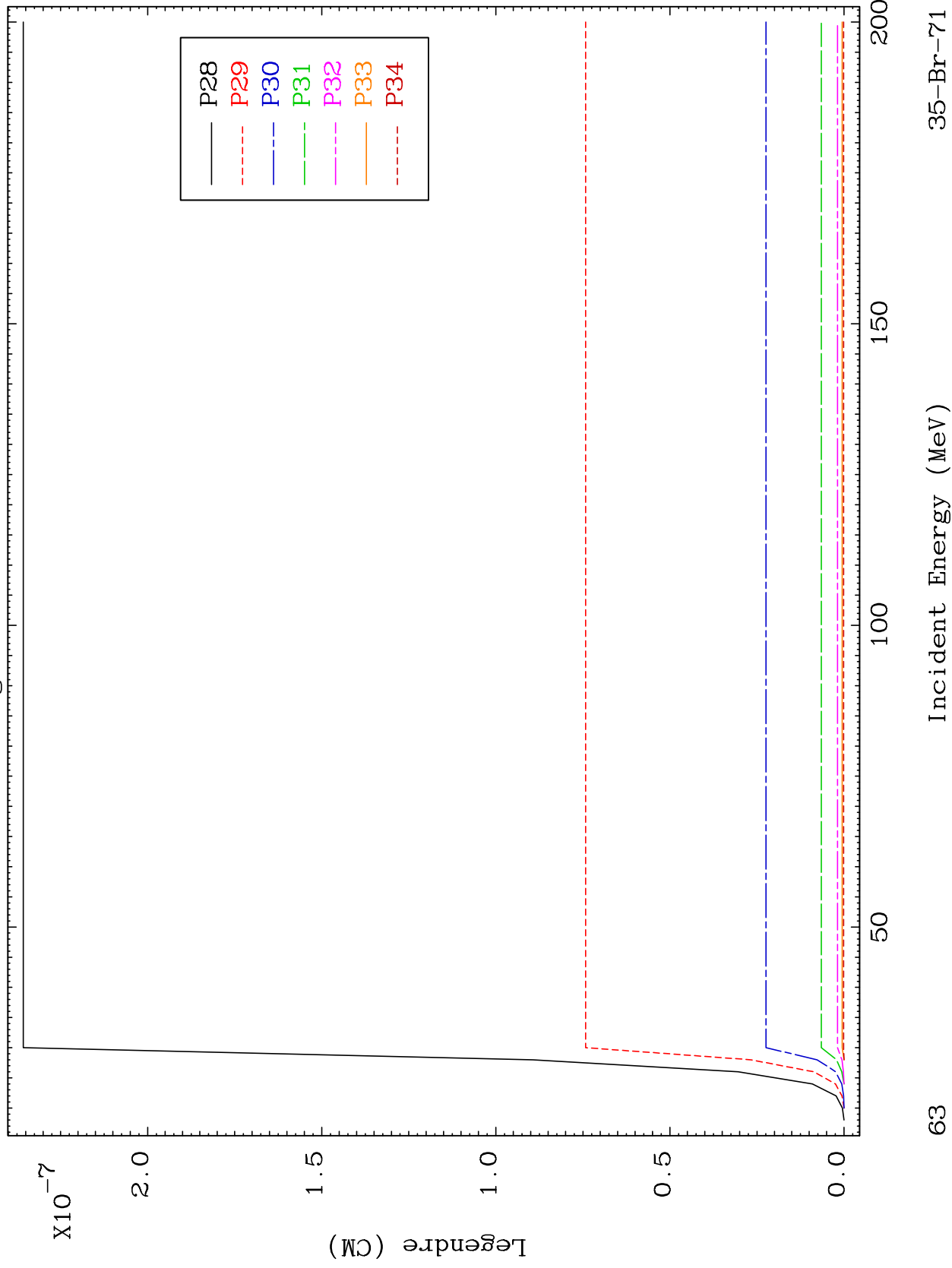
Incident Energy (MeV)

35-Br-71

MAT 3501

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

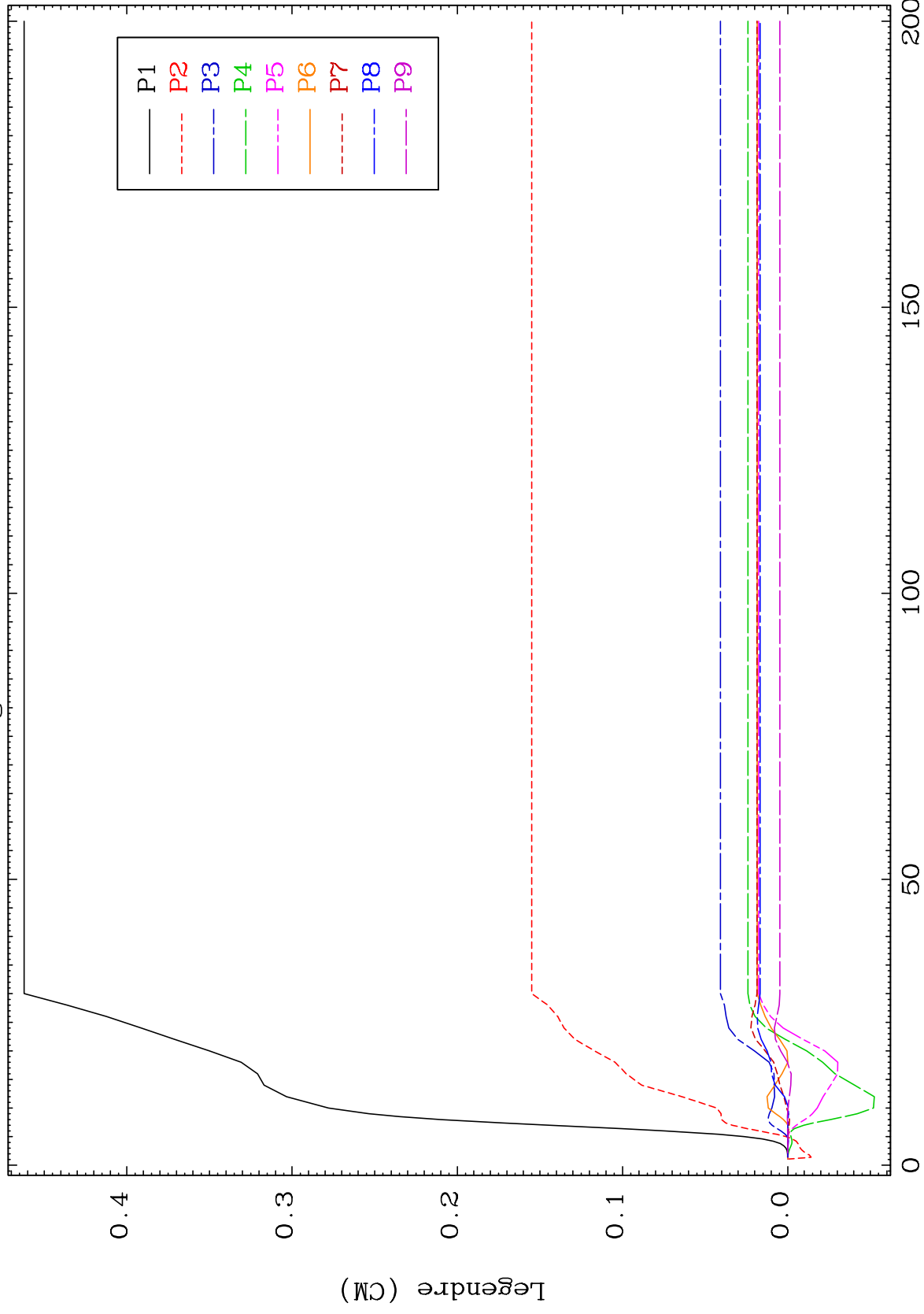
35-Br-71



MAT 3501

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

35-Br-71



64

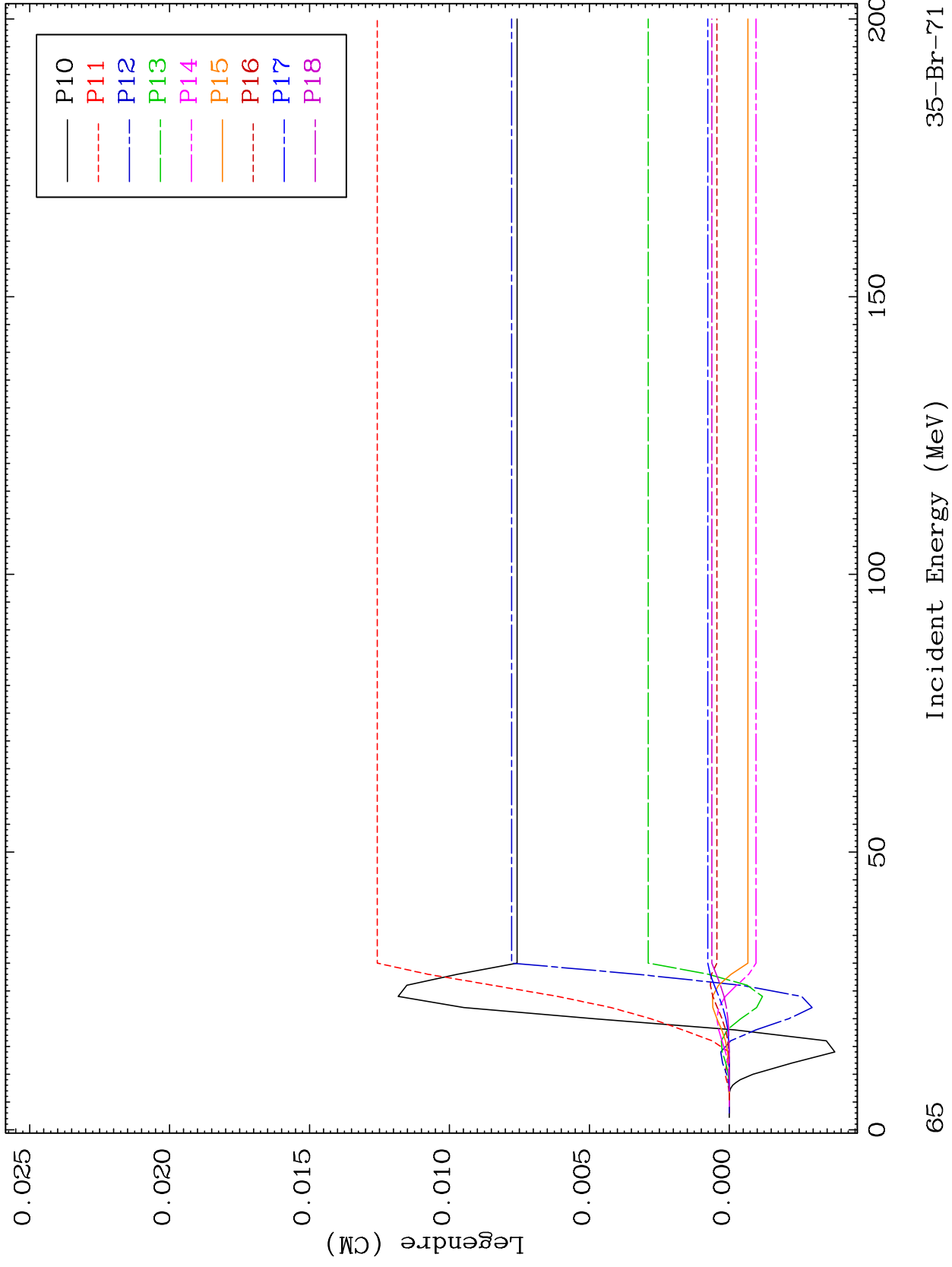
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



35-Br-71

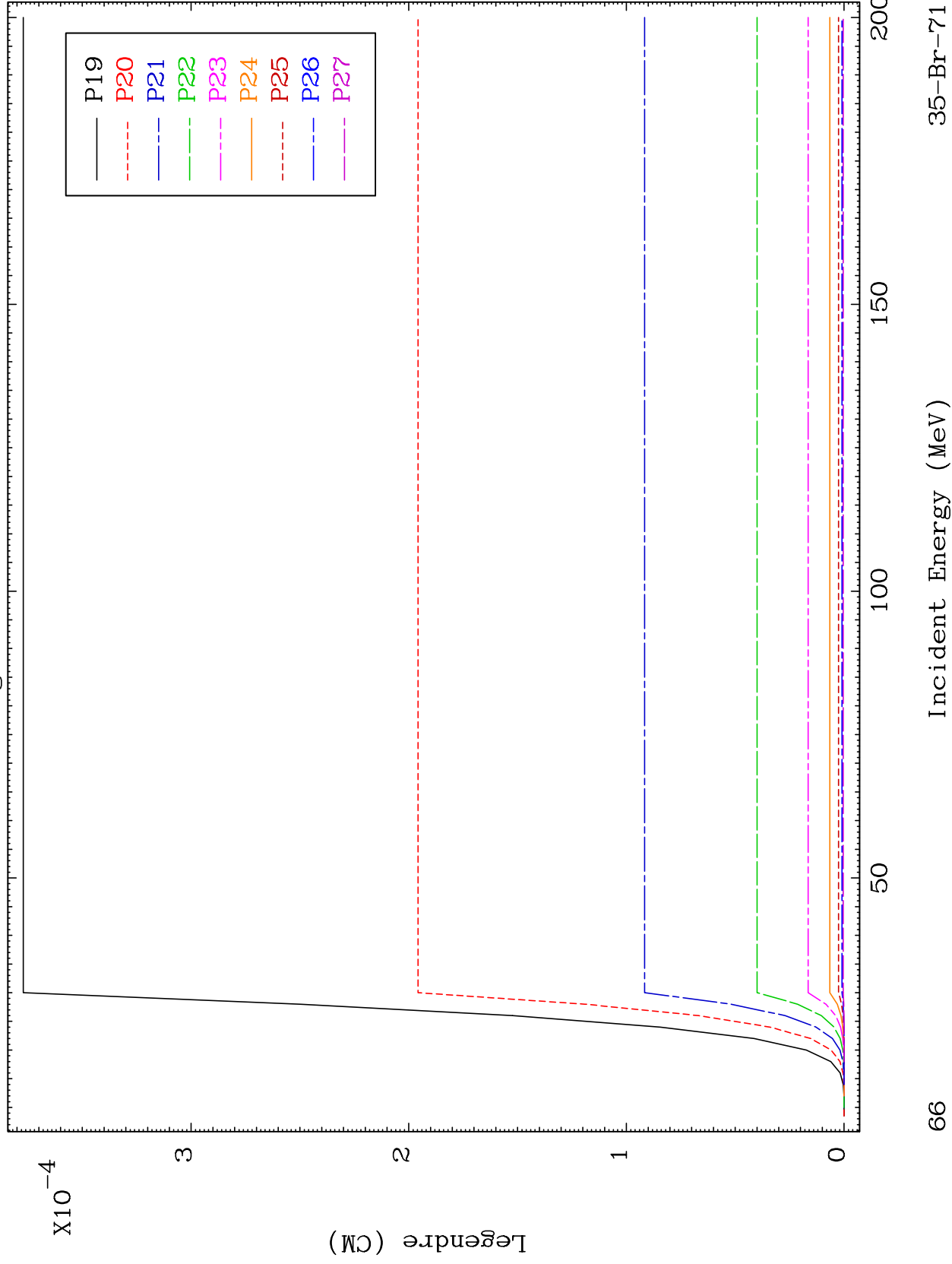
Incident Energy (MeV)

65

MAT 3501

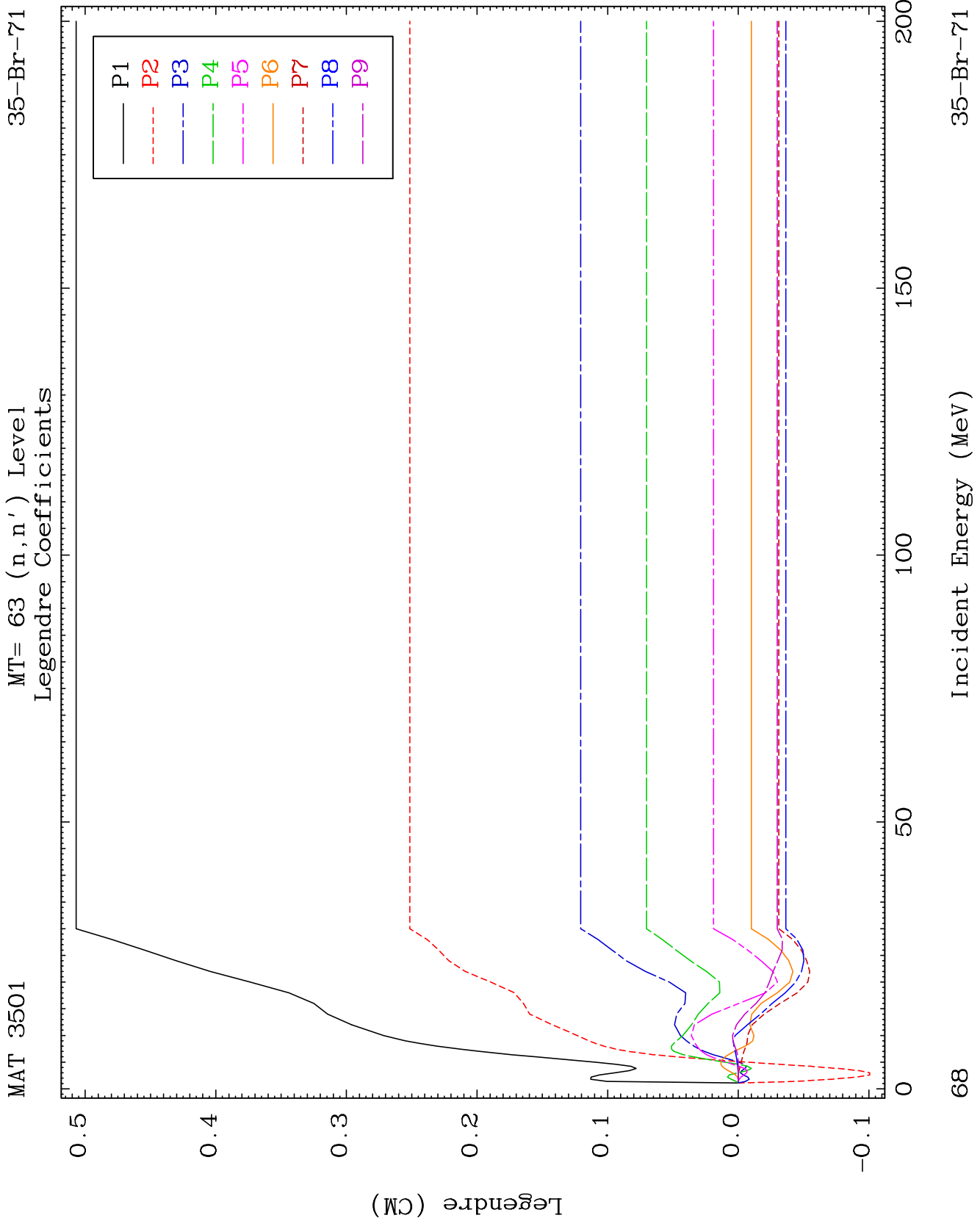
MT= 62 (n,n') Level
Legendre Coefficients

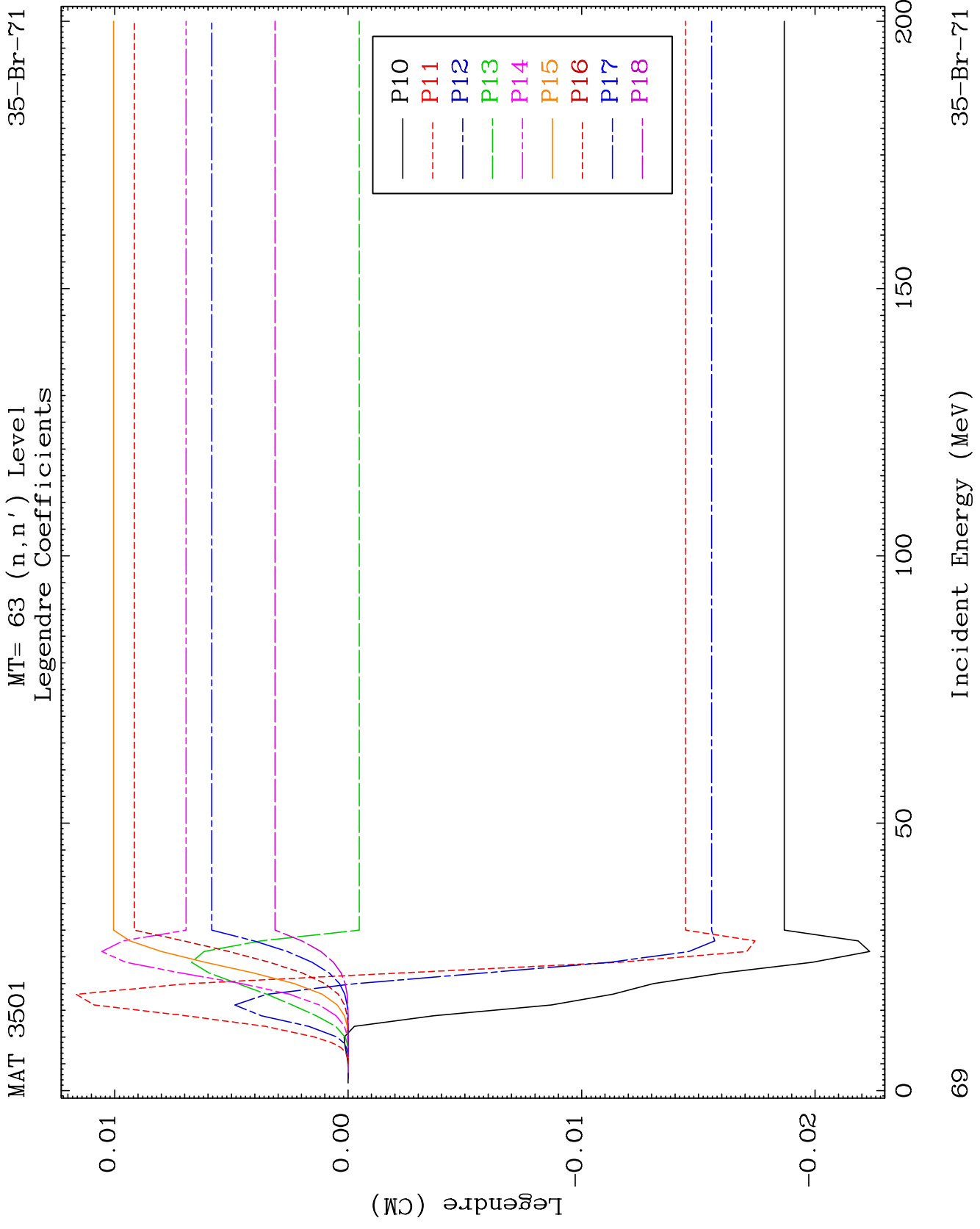
35-Br-71

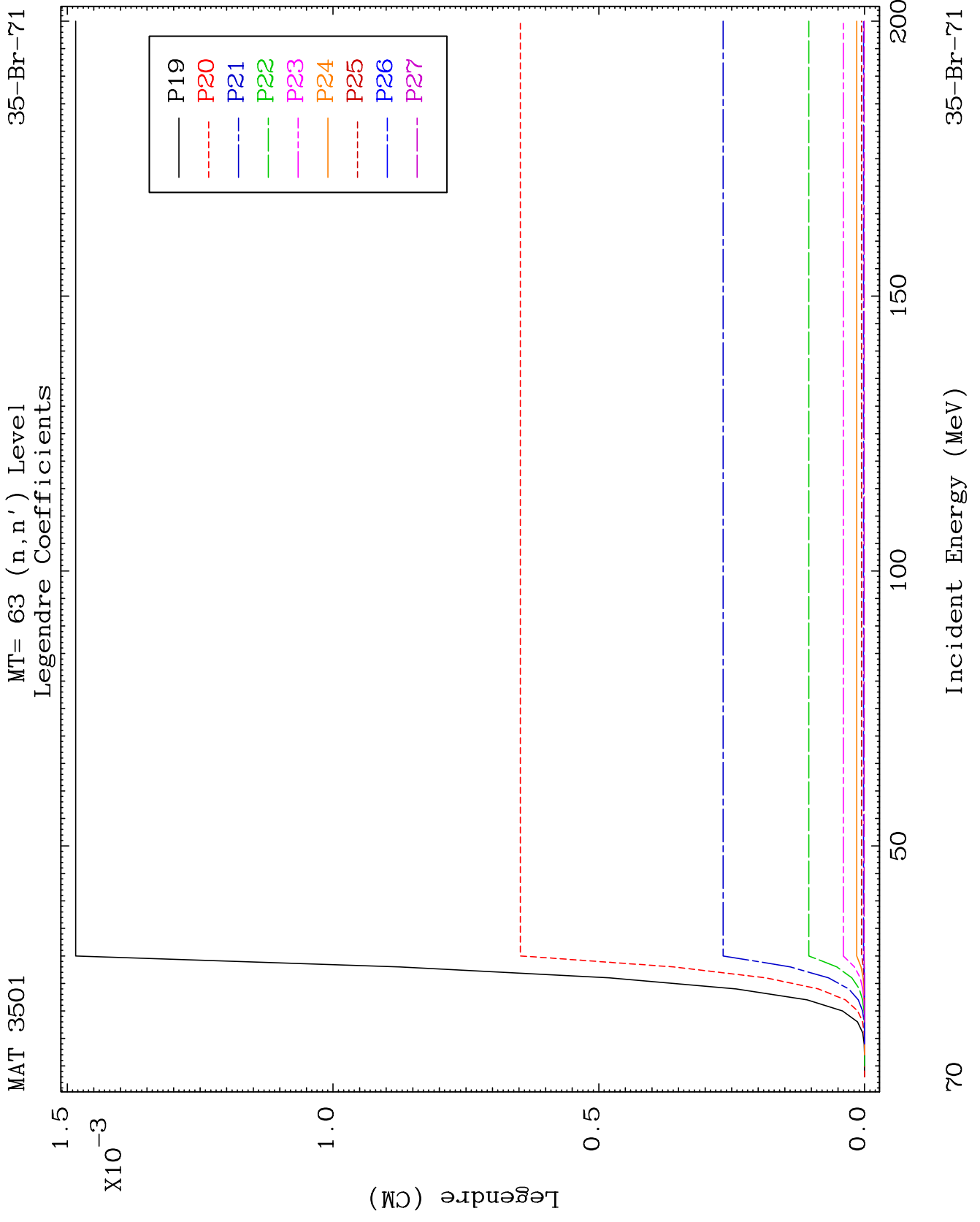


66

35-Br-71



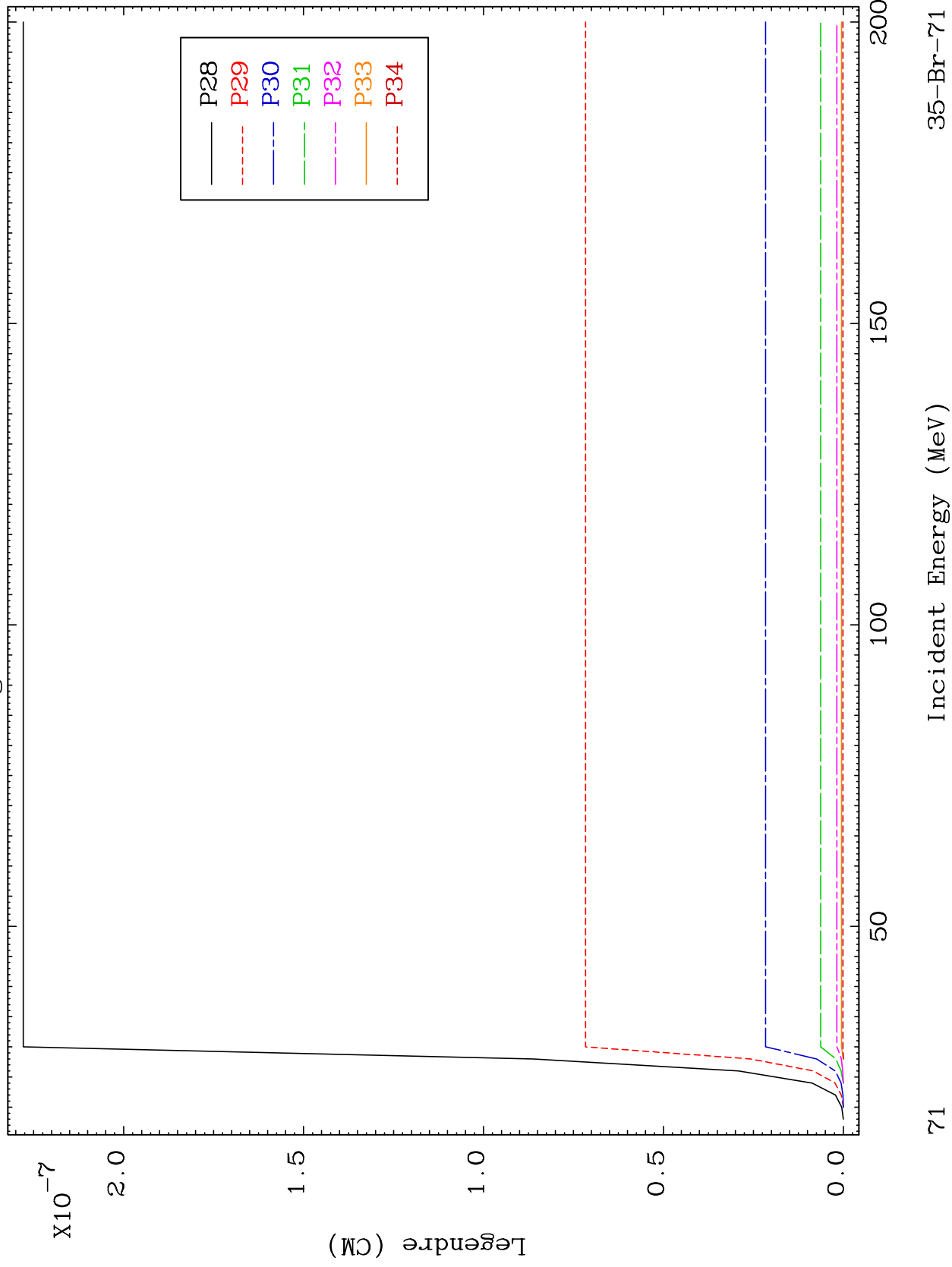




MAT 3501

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

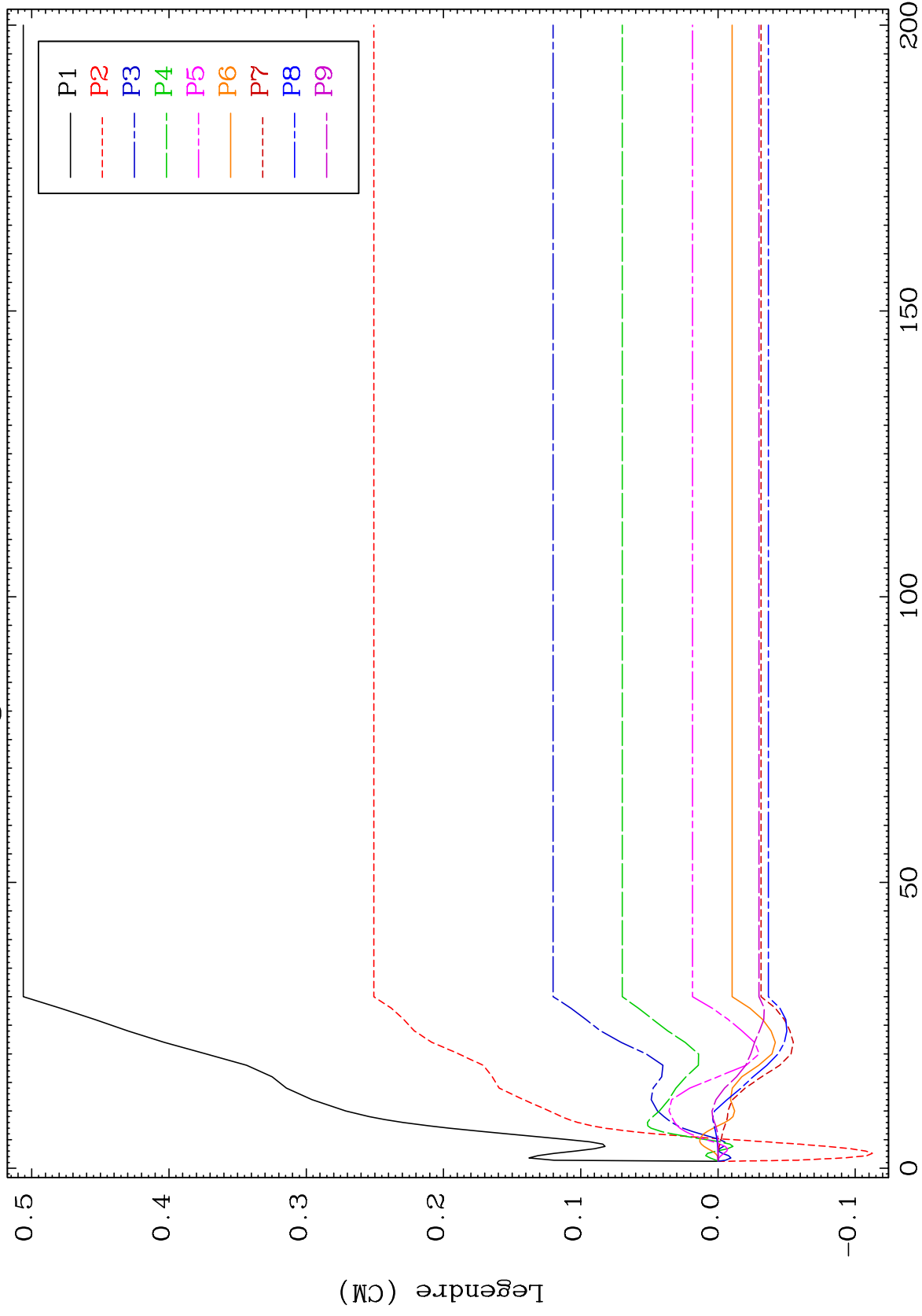
35-Br-71



MAT 3501

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

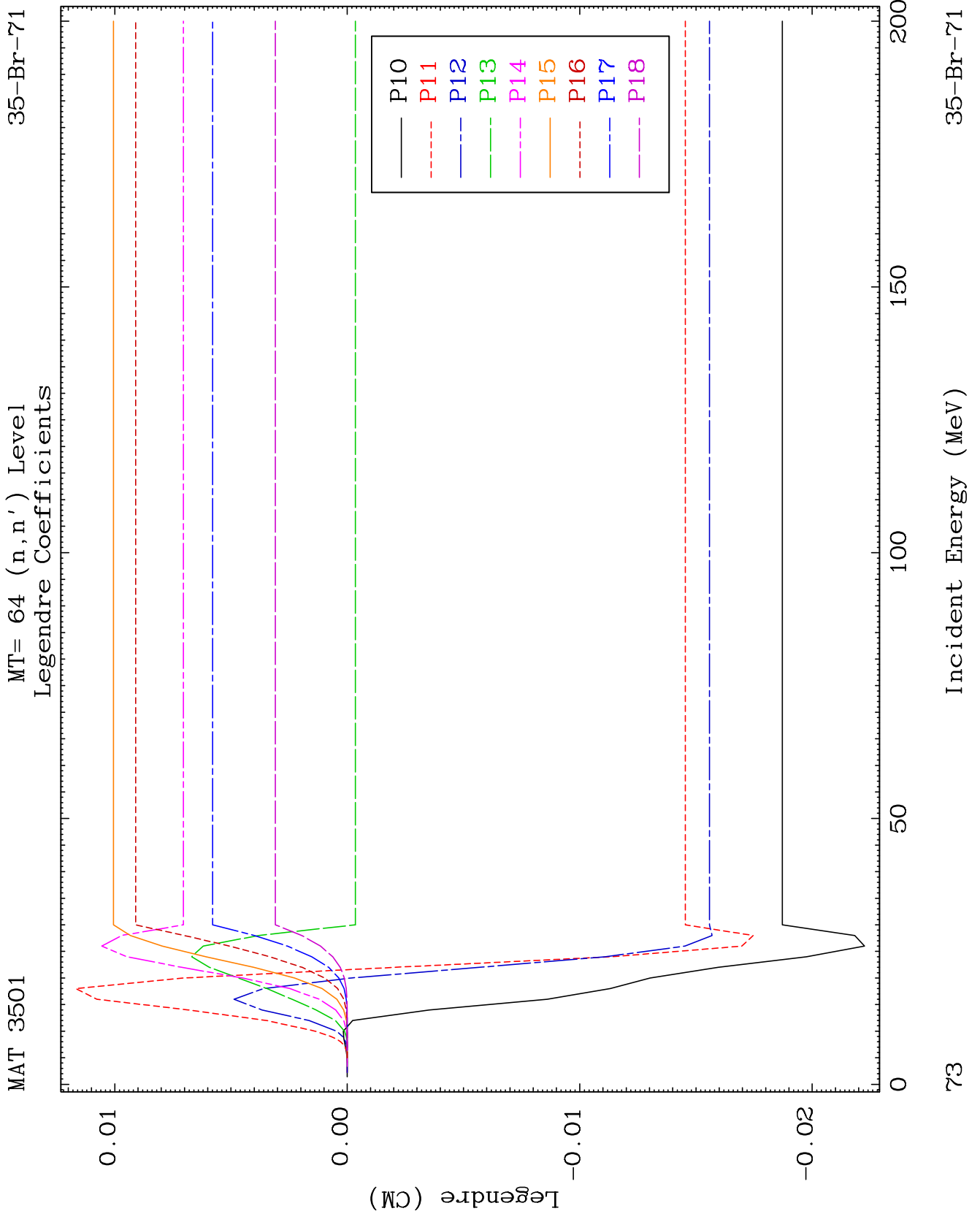
35-Br-71



72

Incident Energy (MeV)

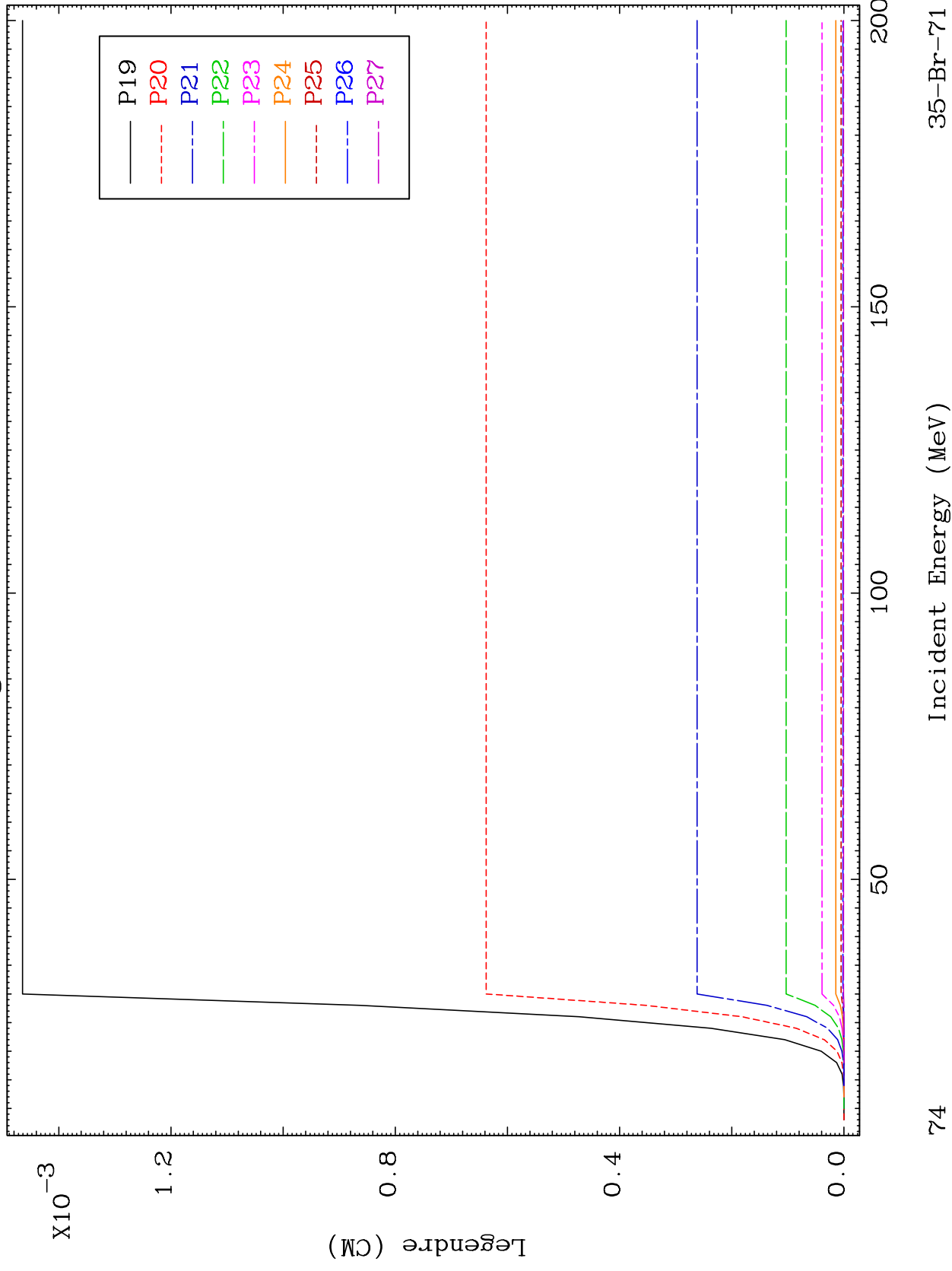
35-Br-71



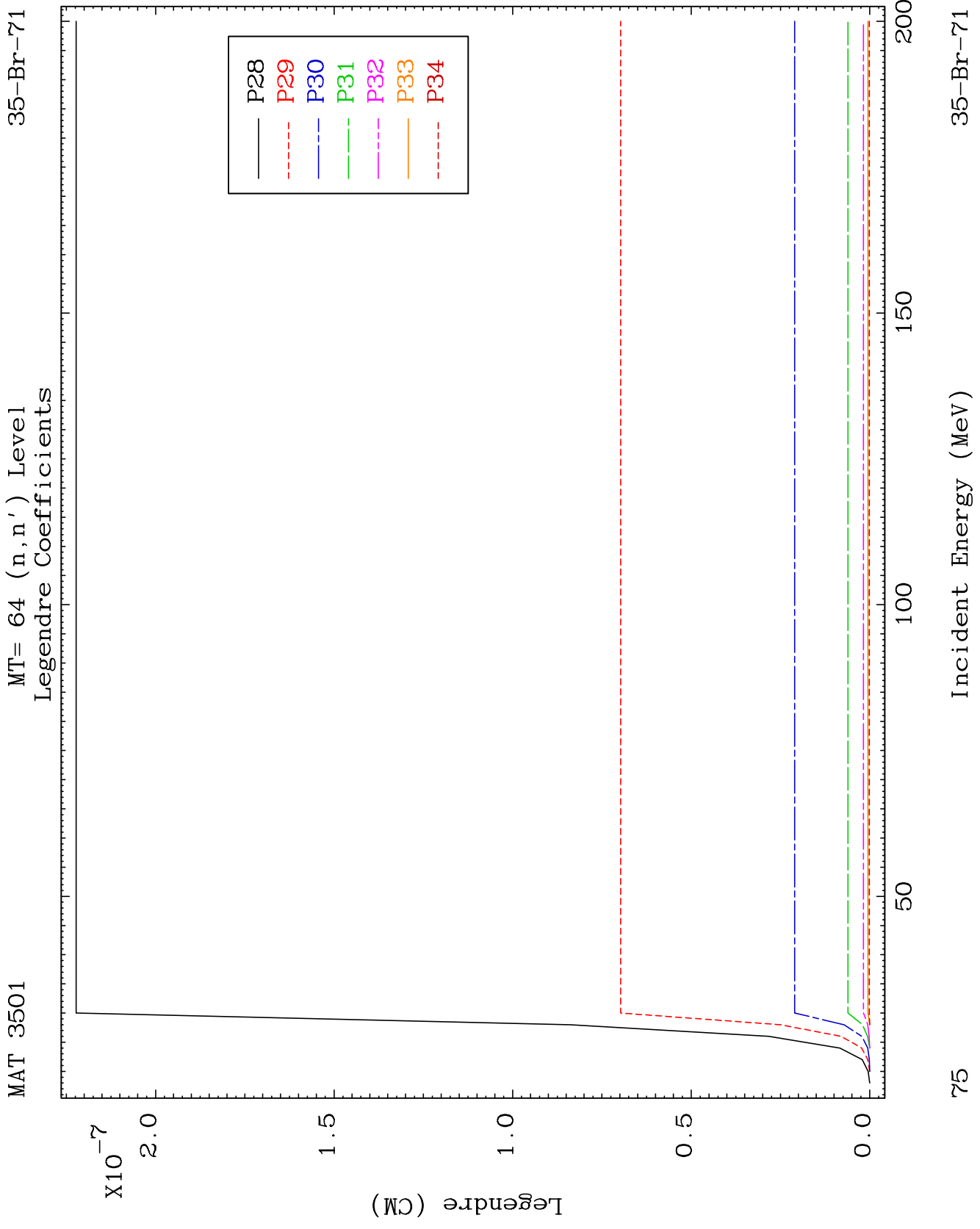
MAT 3501

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

35-Br-71



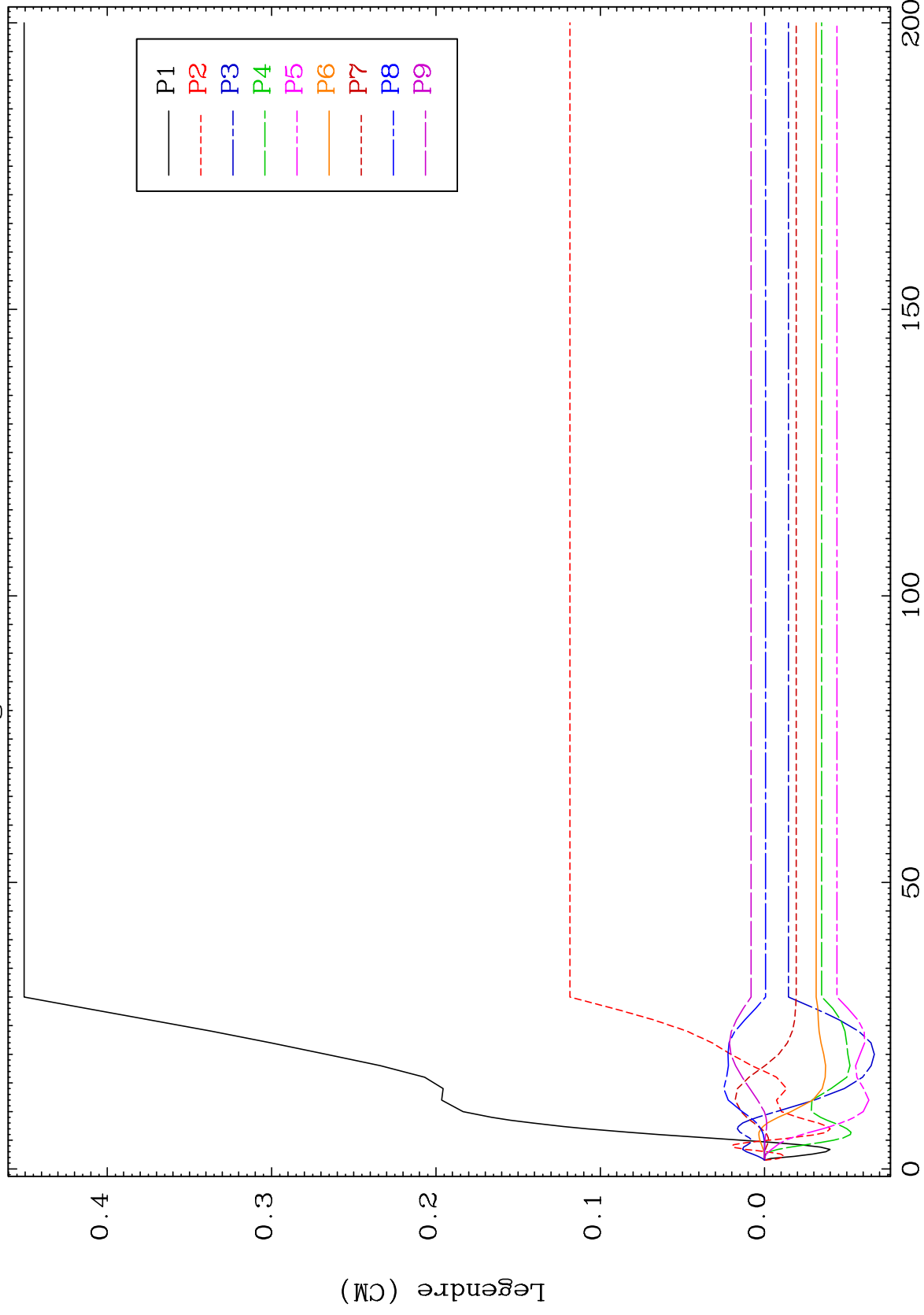
74



MAT 3501

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

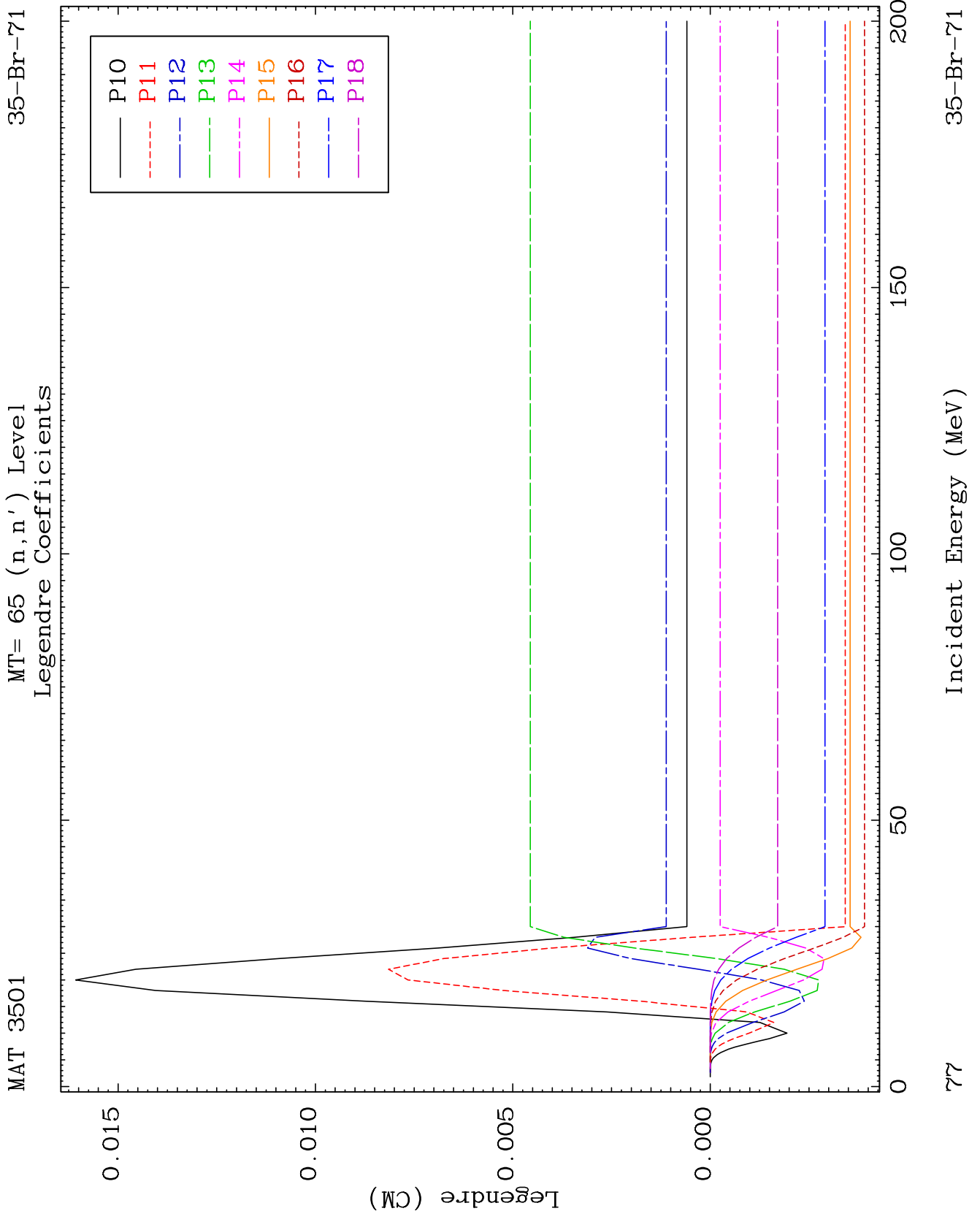
35-Br-71

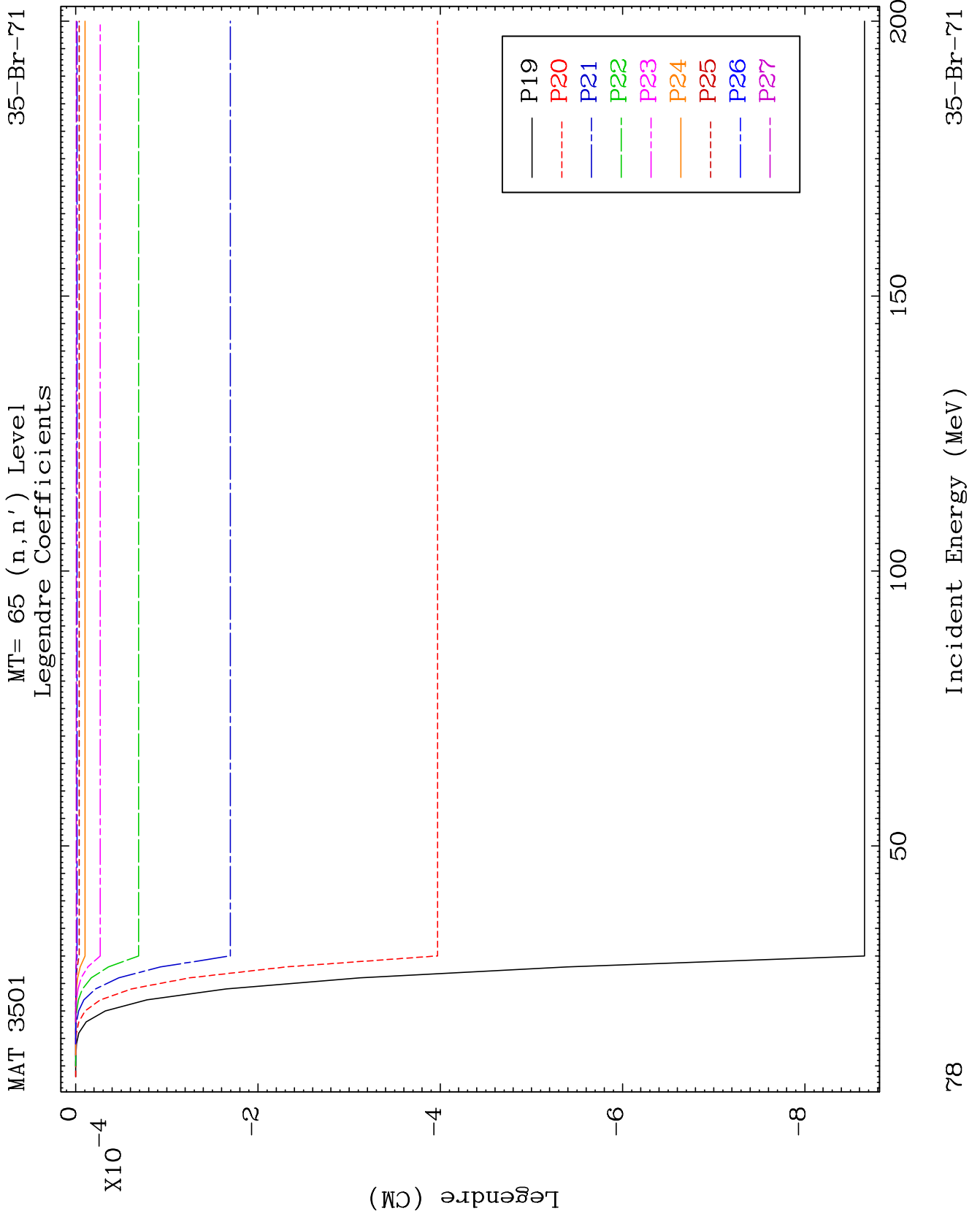


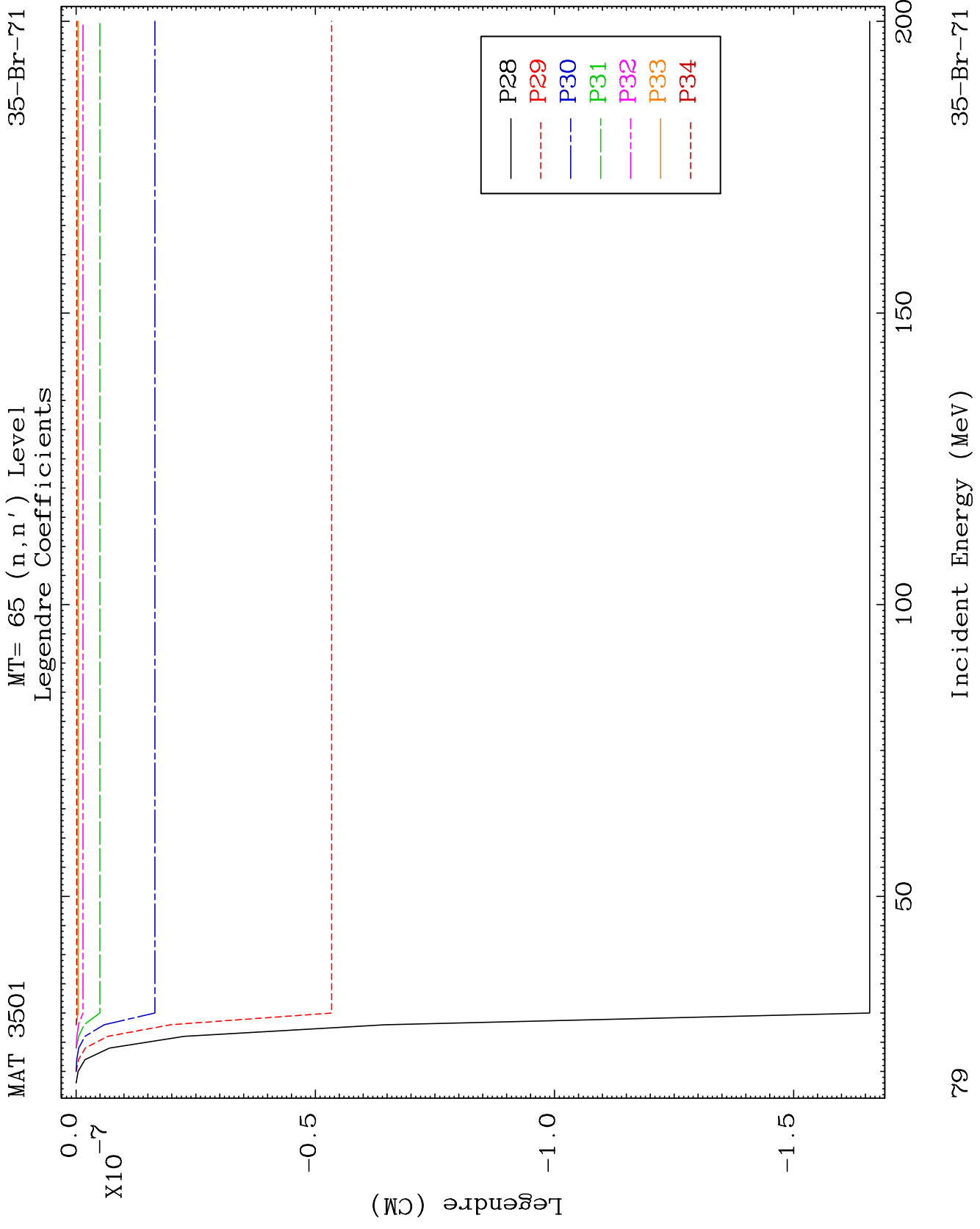
76

Incident Energy (MeV)

35-Br-71



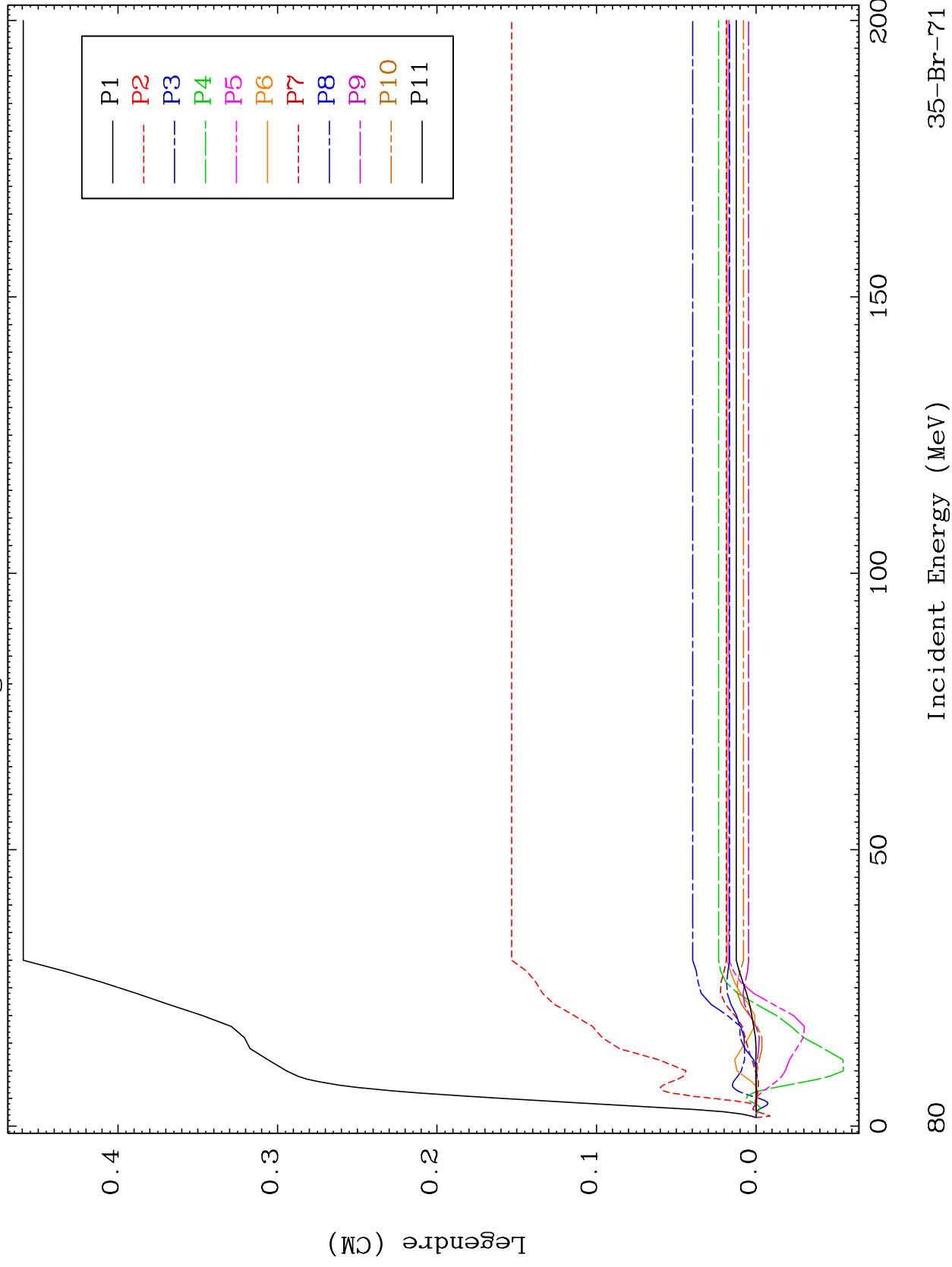




MAT 3501

MT= 66 (n,n') Level
Legendre Coefficients

35-Br-71



35-Br-71

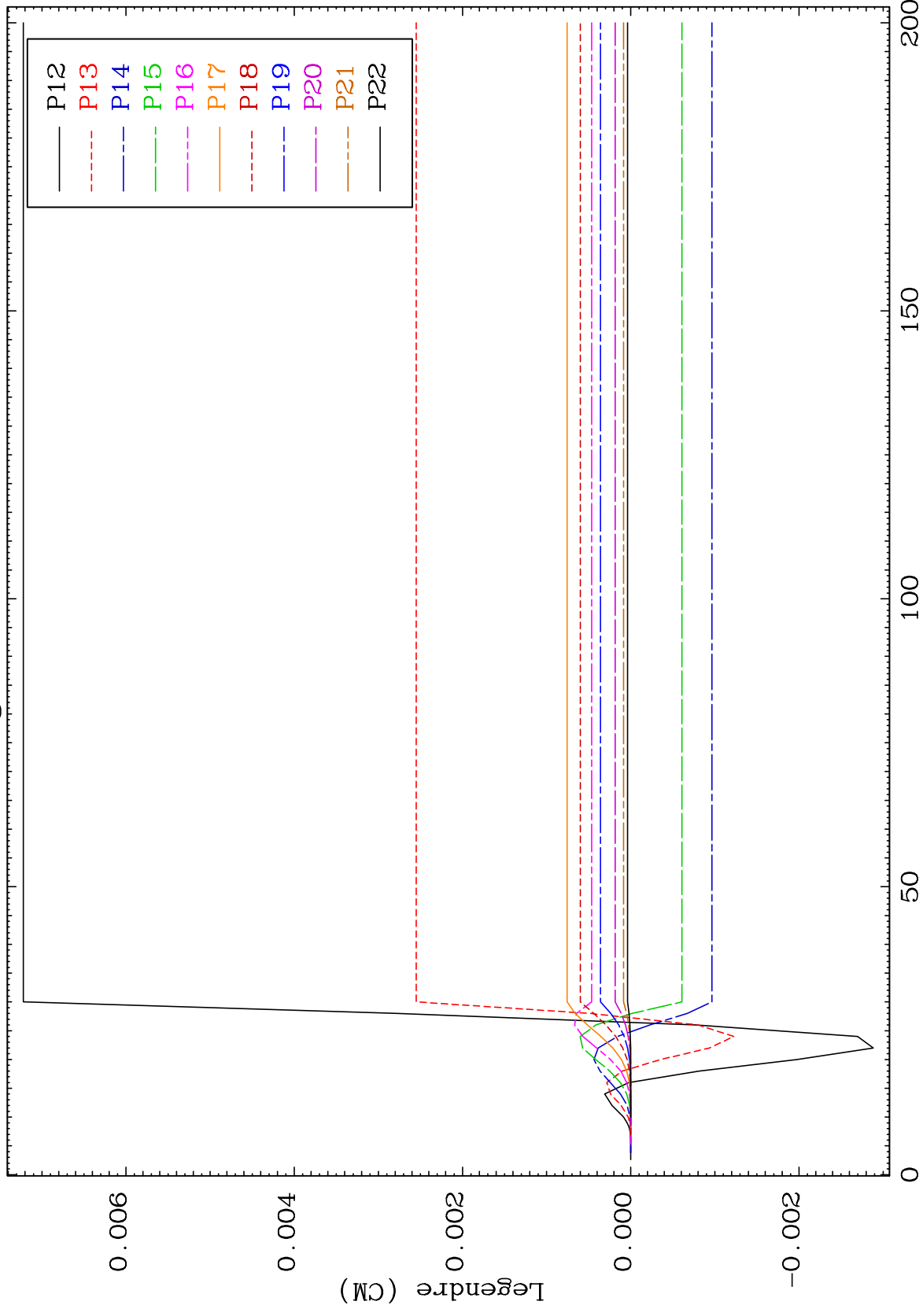
Incident Energy (MeV)

80

MAT 3501

MT= 66 (n,n') Level
Legendre Coefficients

35-Br-71



81

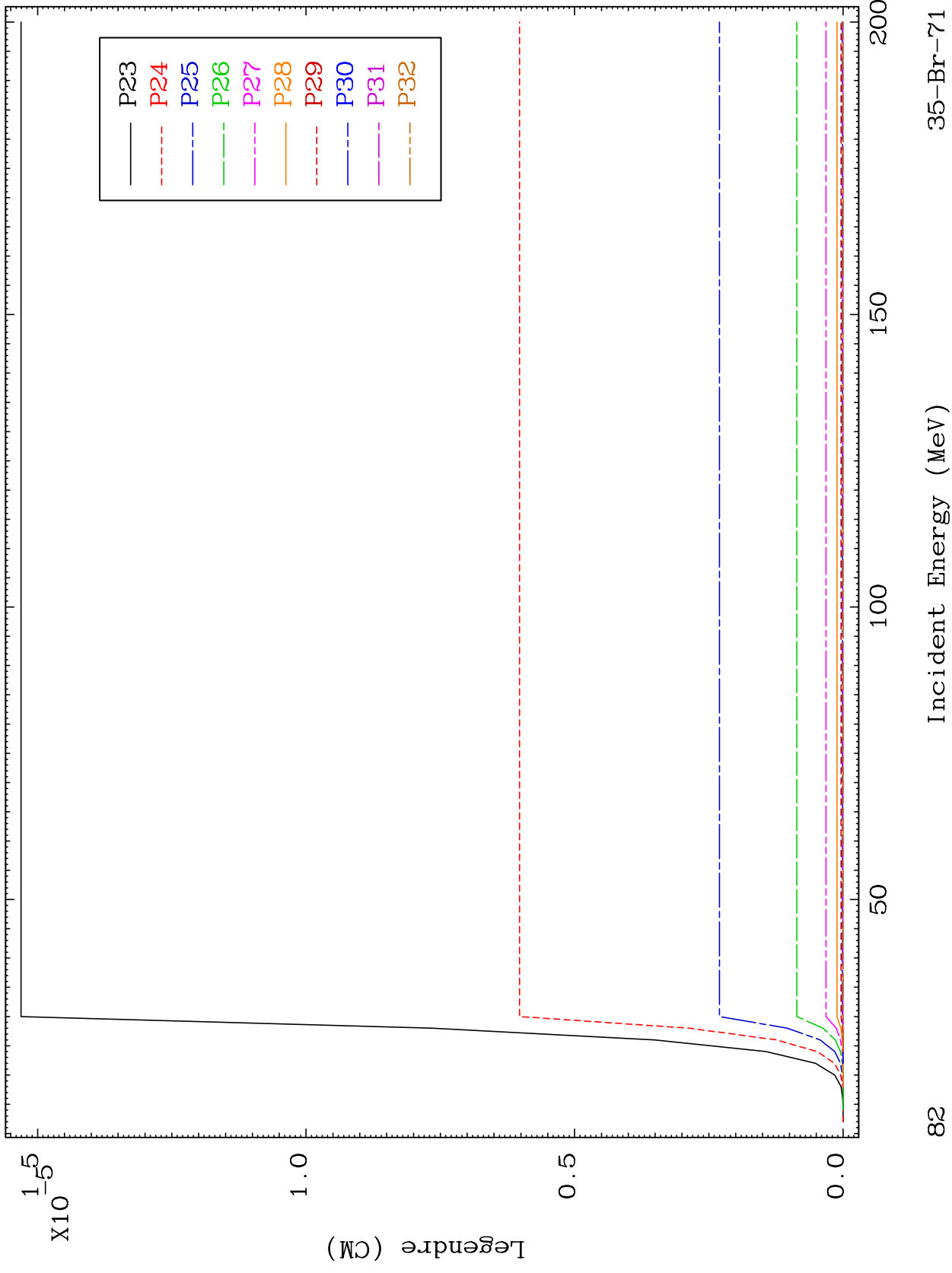
Incident Energy (MeV)

35-Br-71

MAT 3501

MT= 66 (n,n') Level
Legendre Coefficients

35-Br-71



82

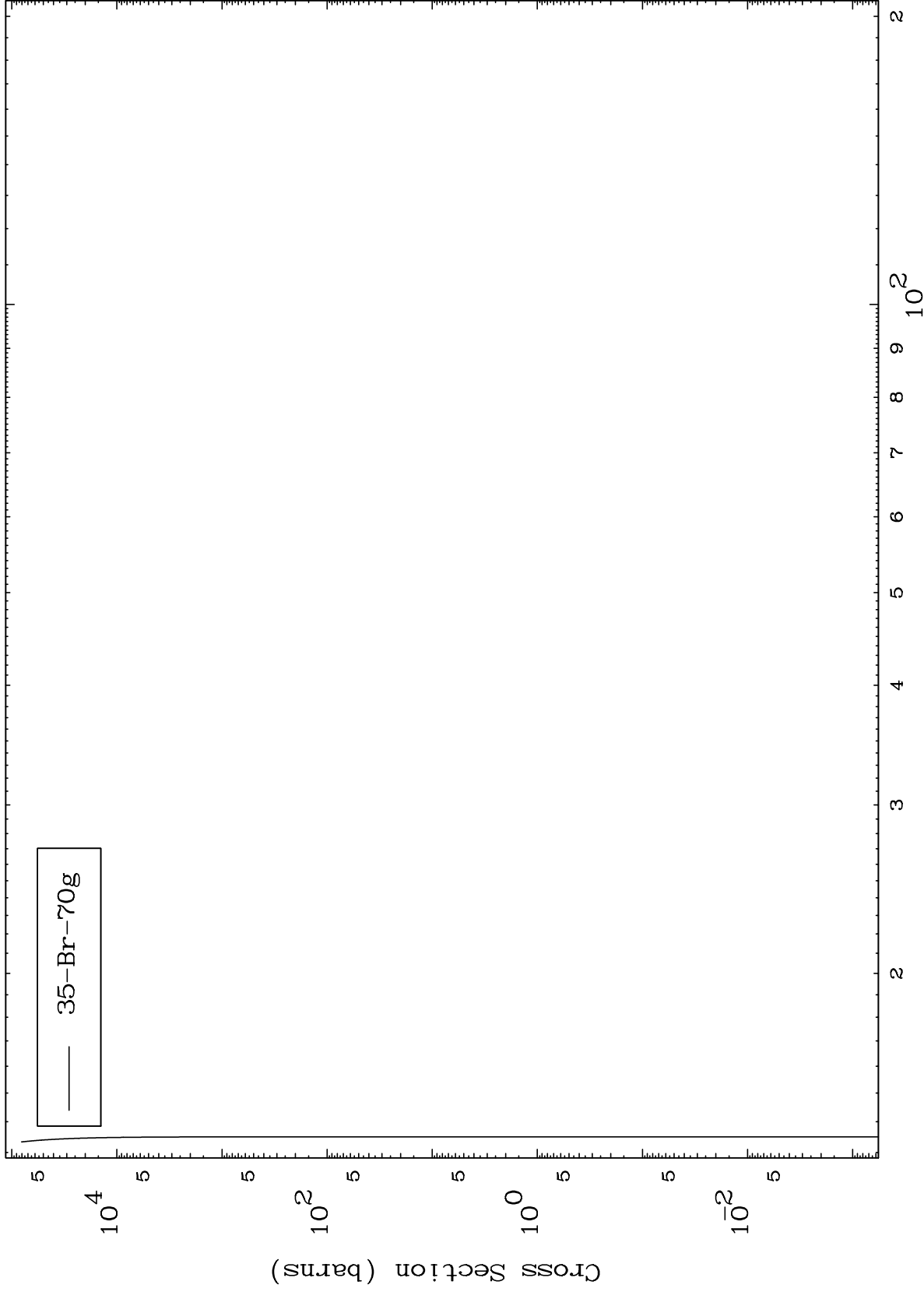
Incident Energy (MeV)

35-Br-71

MAT 3501

³⁵Br-71

(n,2n)
Radionuclide Production Cross Section



83

Incident Energy (MeV)

³⁵Br-71

MAT 3501

35-Br-71

(n, γ)
Radionuclide Production Cross Section

