

Program EVALPLOT
(Version 2017-1)

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

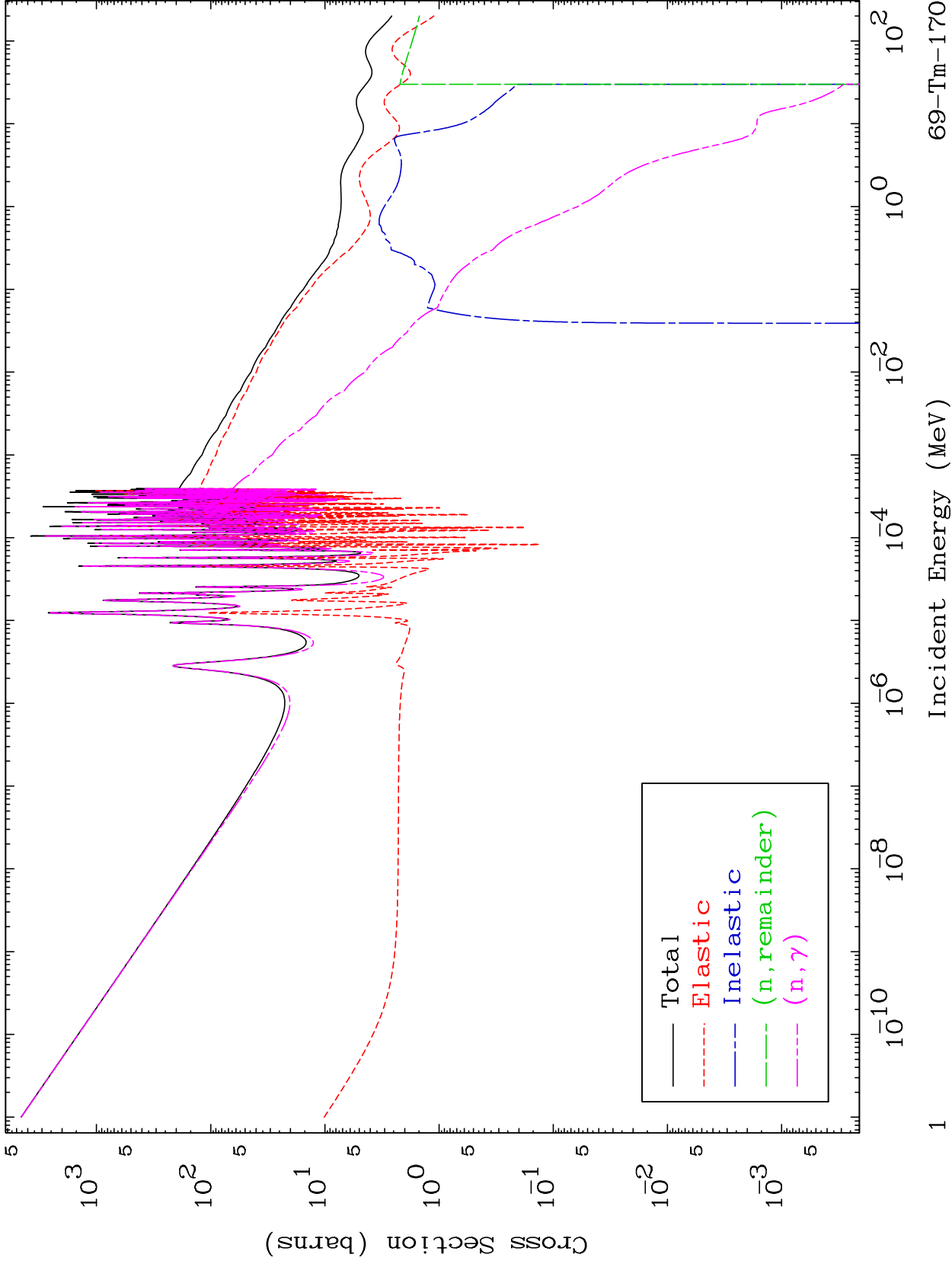
Press Mouse Button to Start

MAT 6928

Major

69-Tm-170

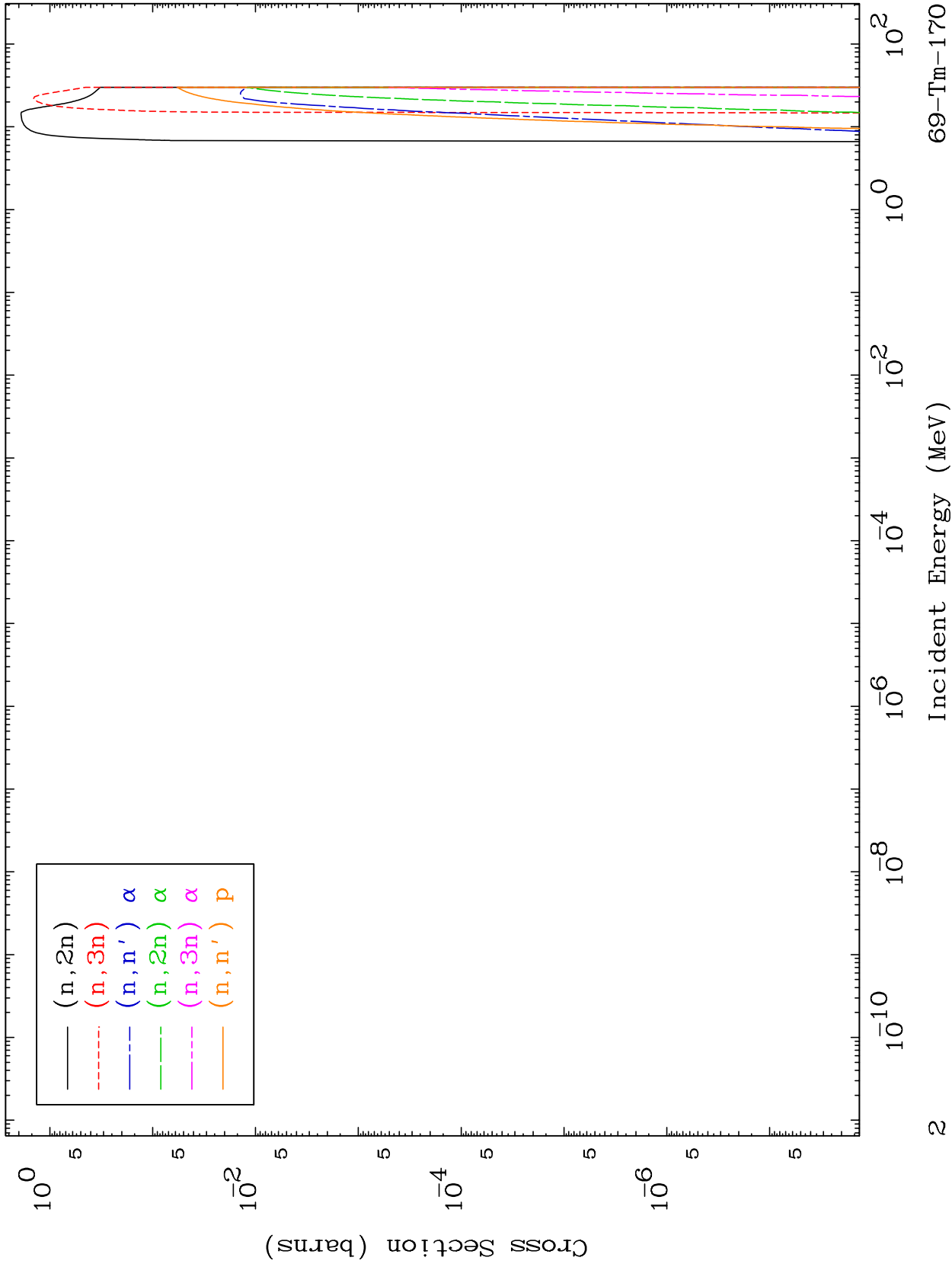
293 Kelvin Cross Sections



MAT 6928

Neutron Production
293 Kelvin Cross Sections

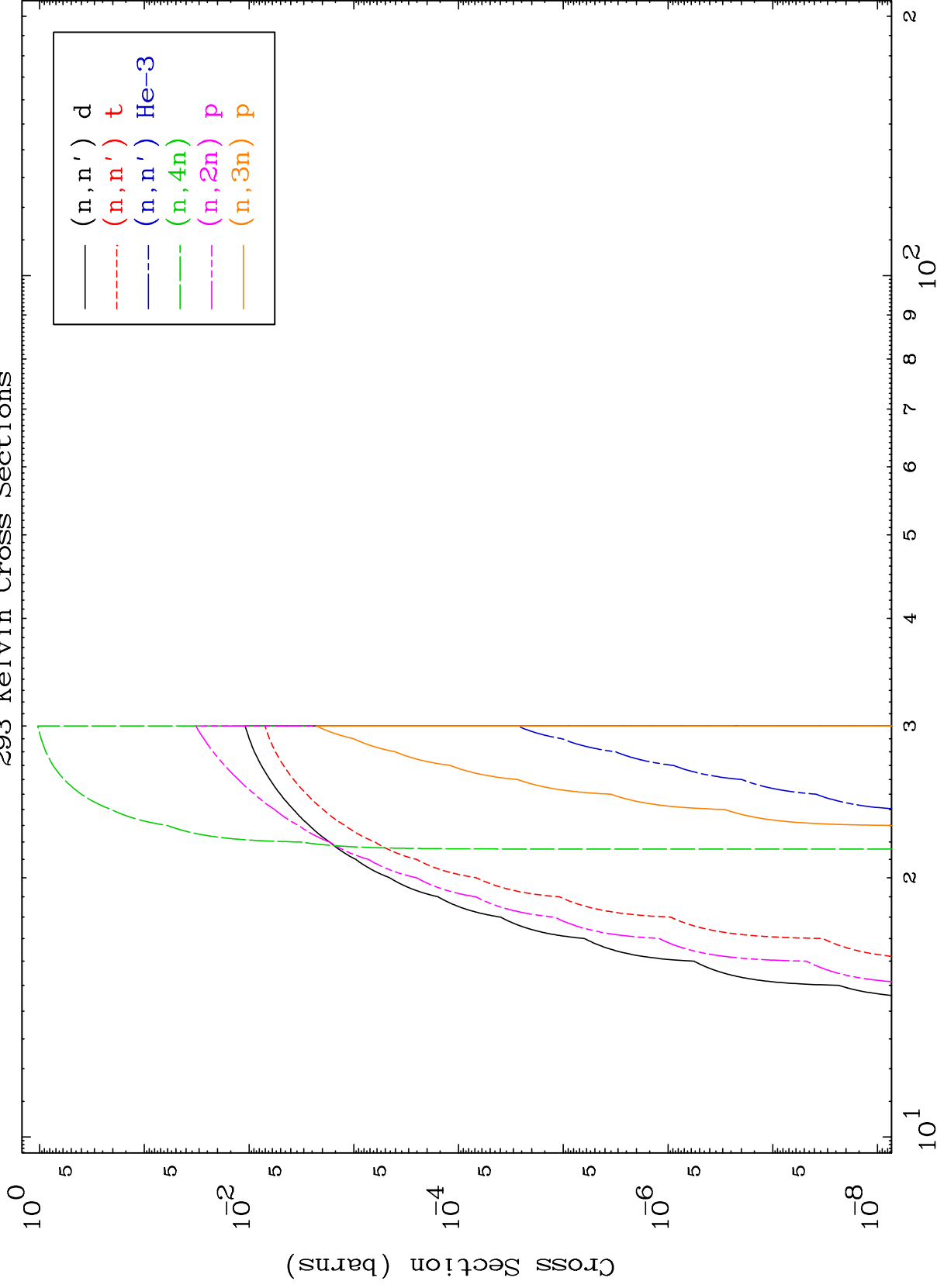
69-Tm-170



MAT 6928

Neutron Production
293 Kelvin Cross Sections

69-Tm-170



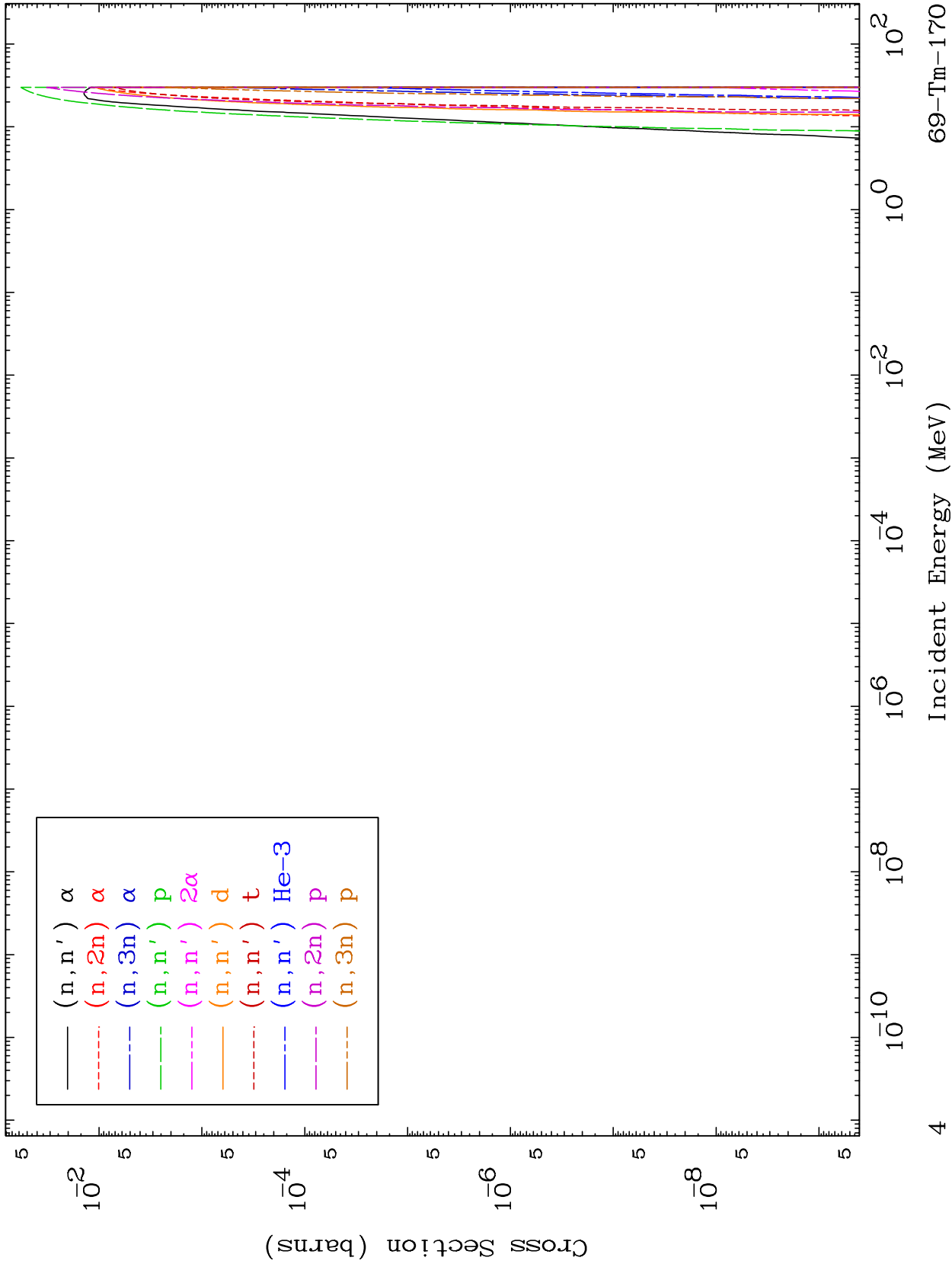
Incident Energy (MeV)

69-Tm-170

MAT 6928

Charged Particle
293 Kelvin Cross Sections

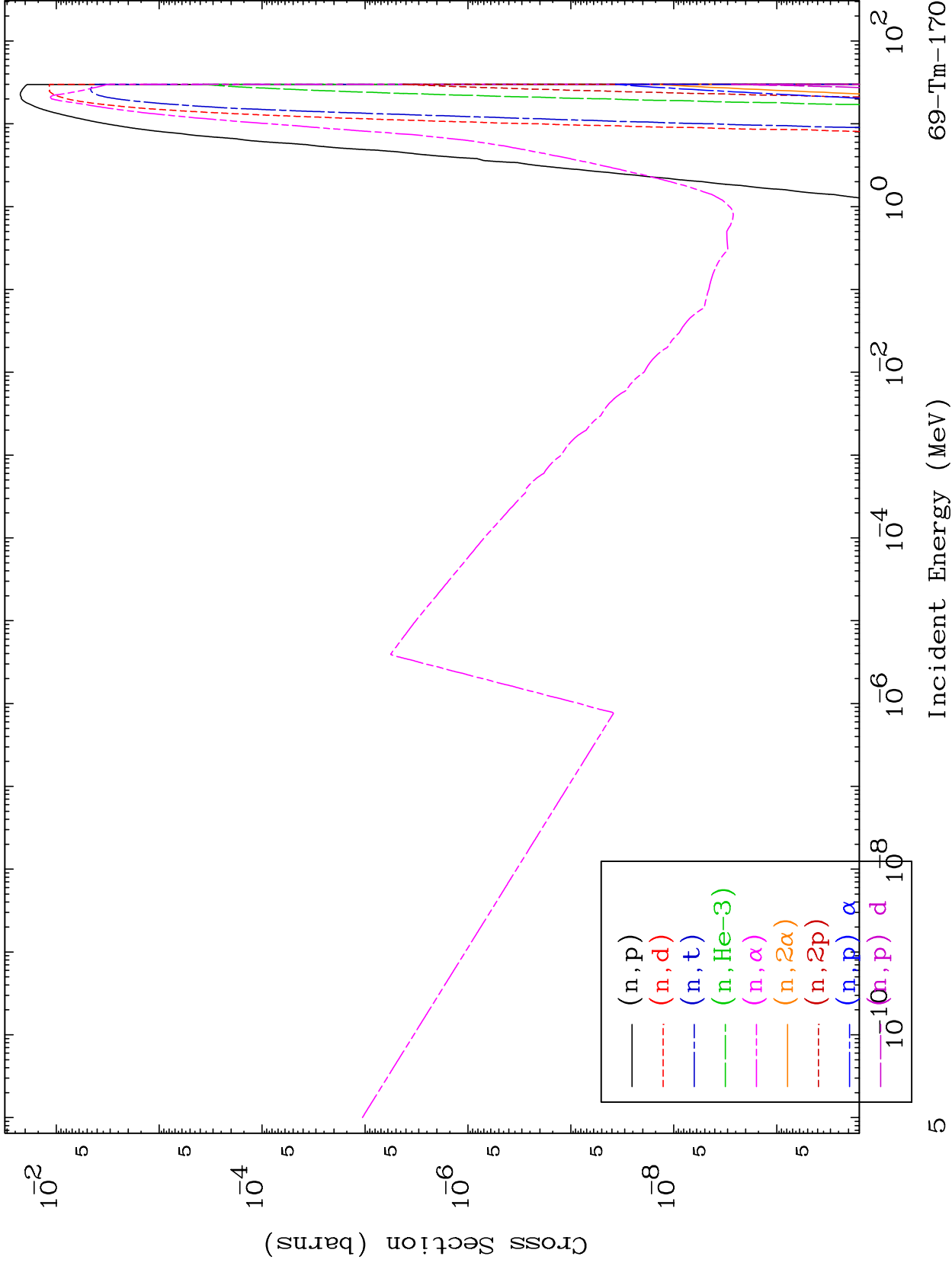
69-Tm-170

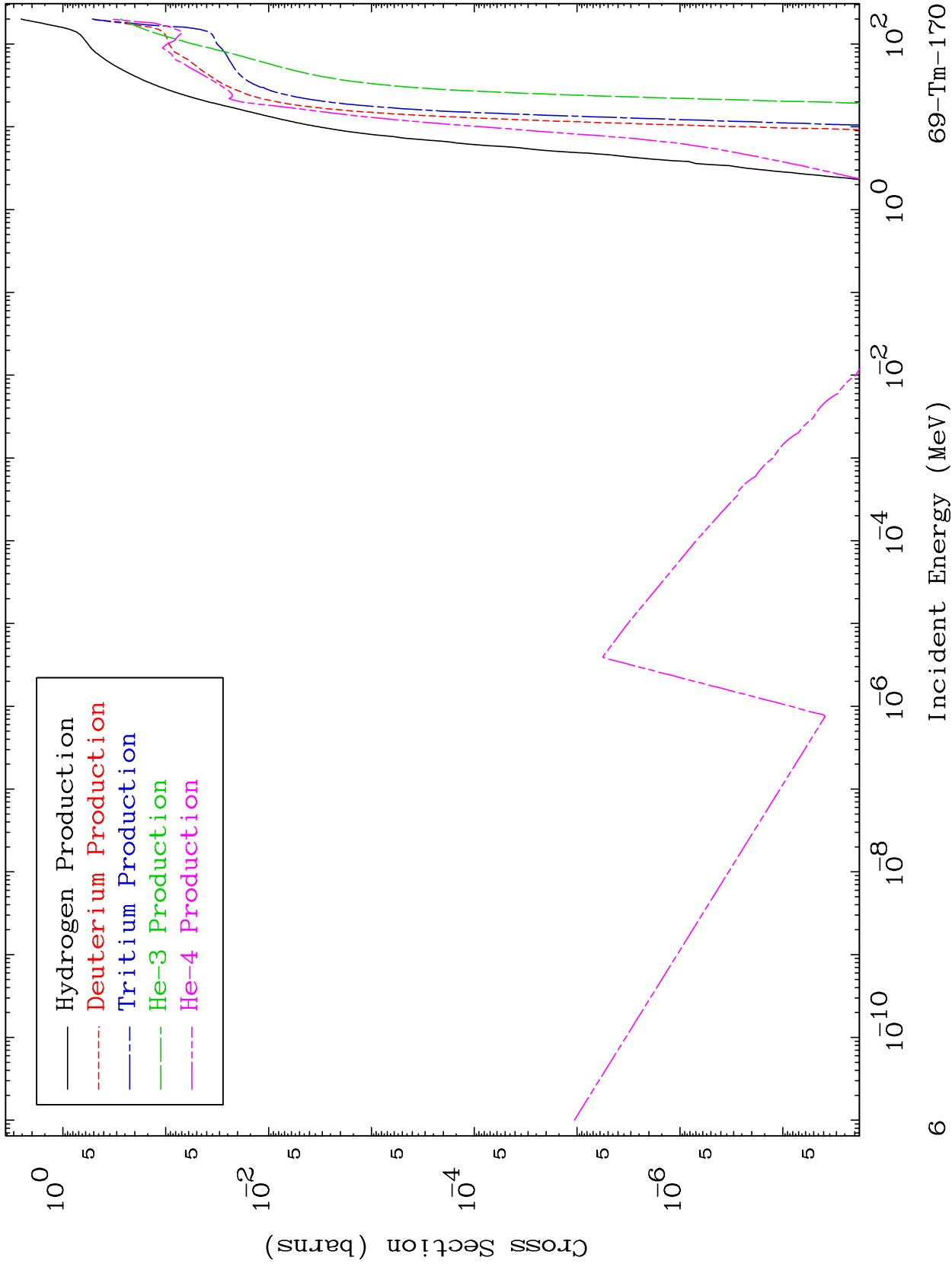


MAT 6928

Charged Particle
293 Kelvin Cross Sections

69-Tm-170



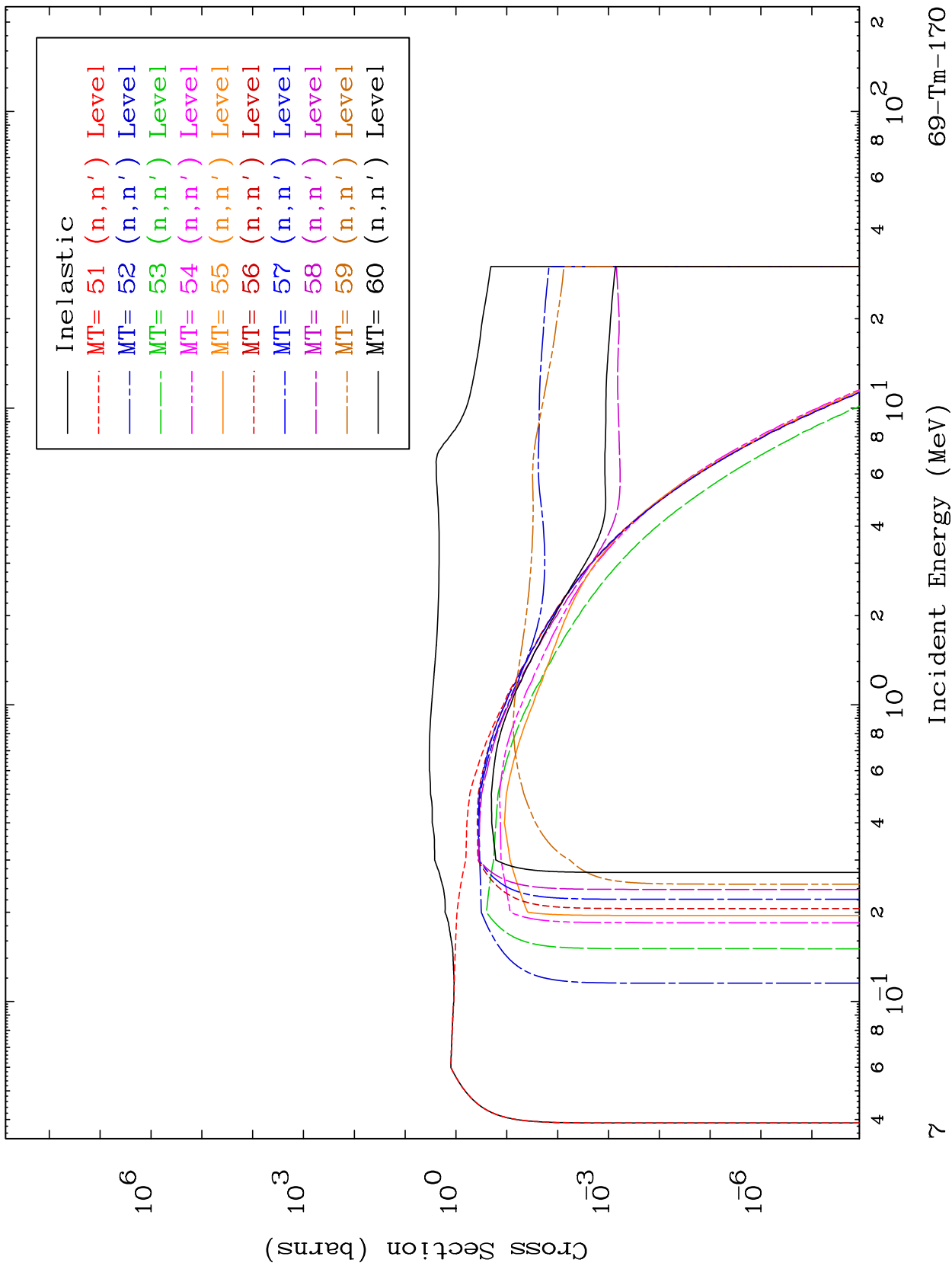


MAT 6928

(n,n') Level

69-Tm-170

293 Kelvin Cross Sections

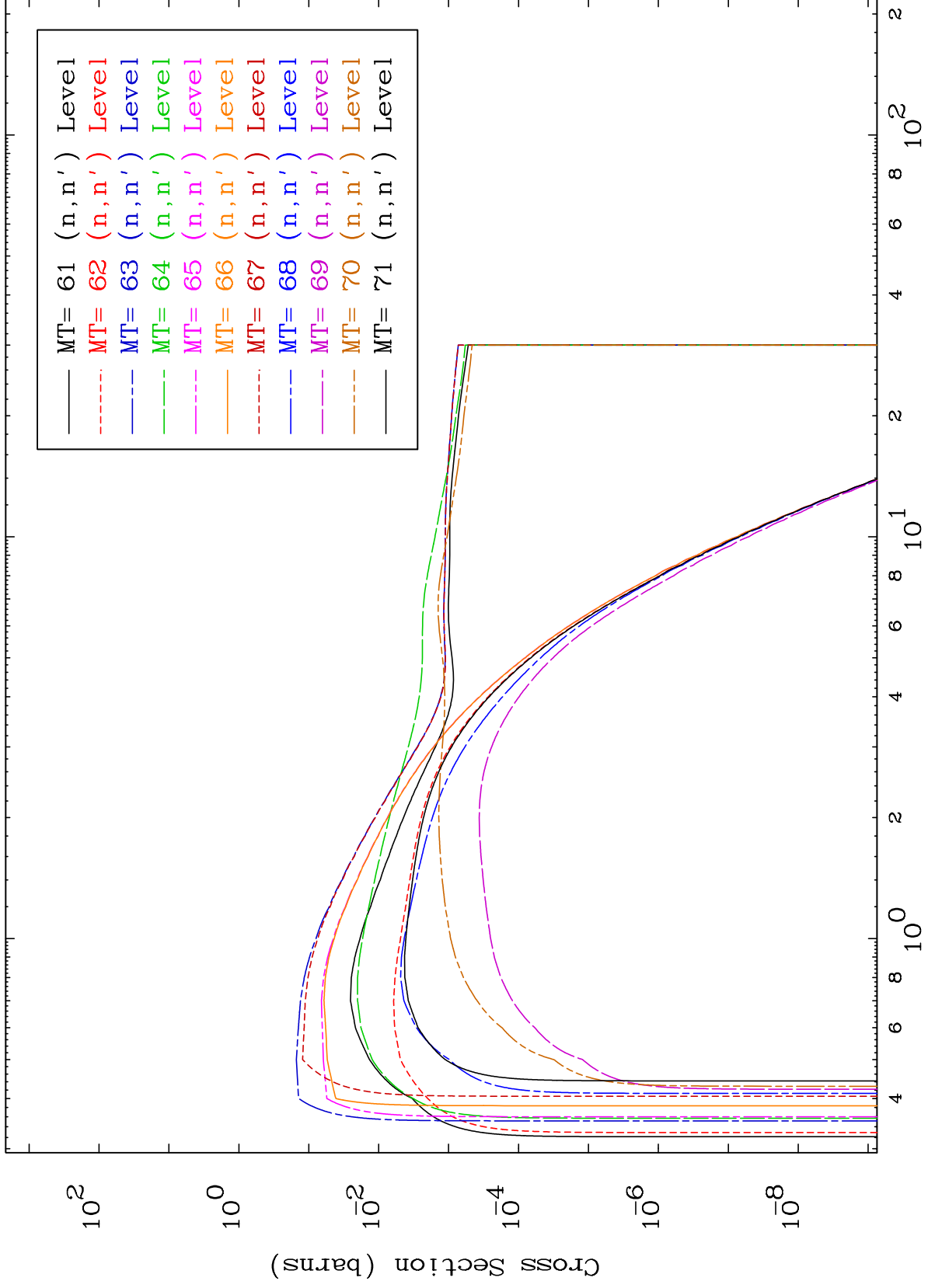


MAT 6928

(n,n') Level

69-Tm-170

293 Kelvin Cross Sections

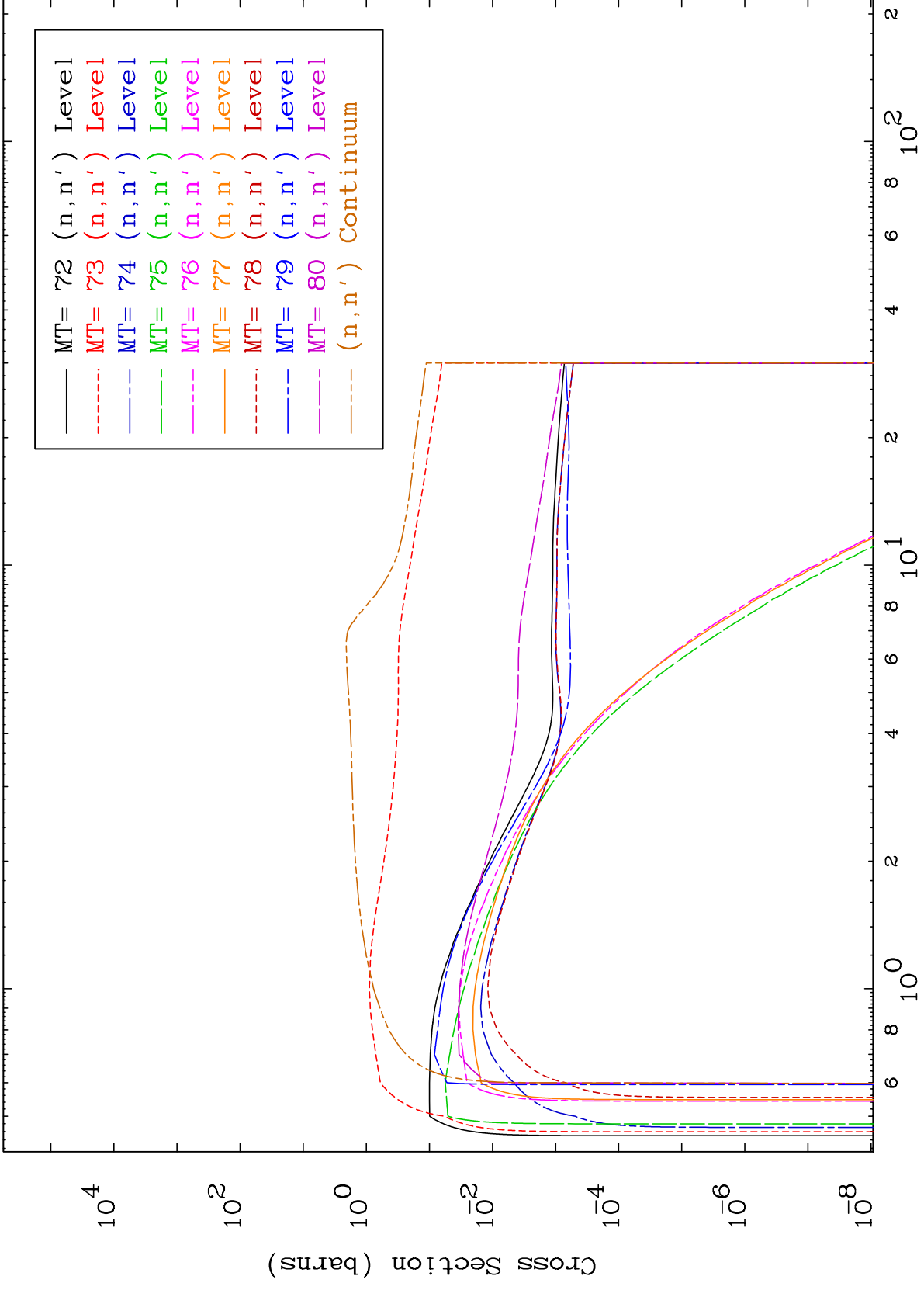


8

Incident Energy (MeV)

69-Tm-170

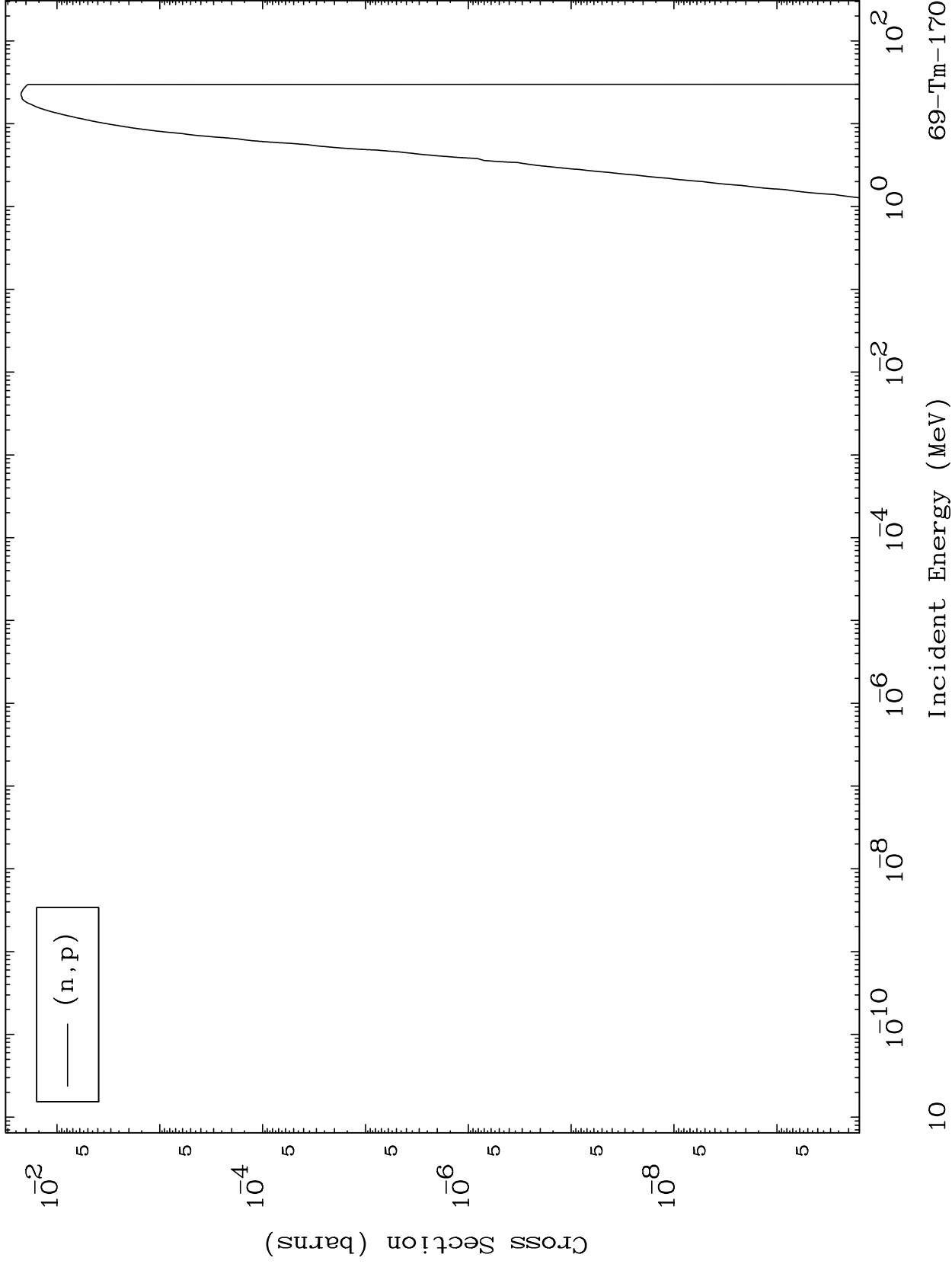
293 Kelvin Cross Sections



MAT 6928

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-170



10

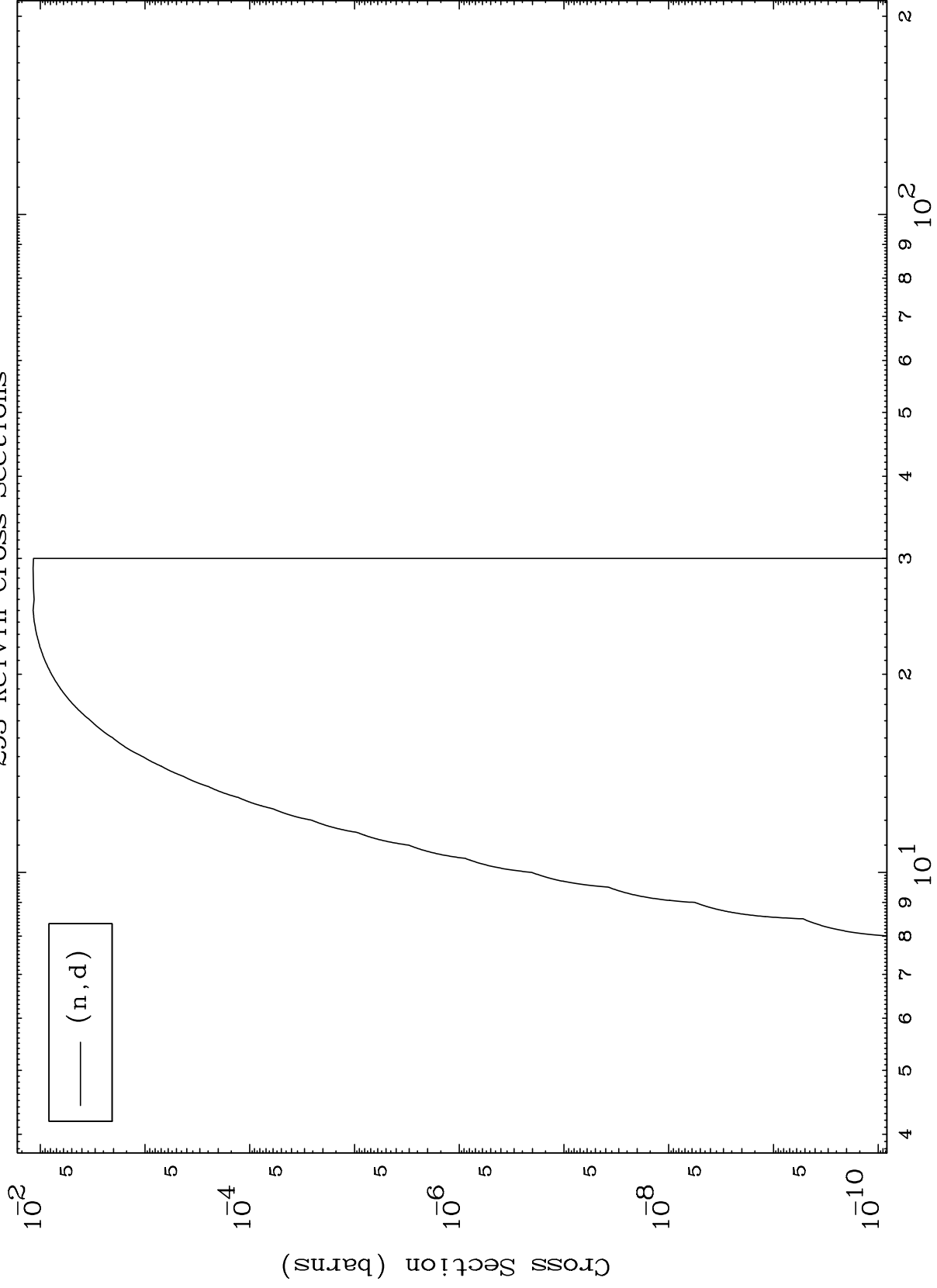
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-170



11

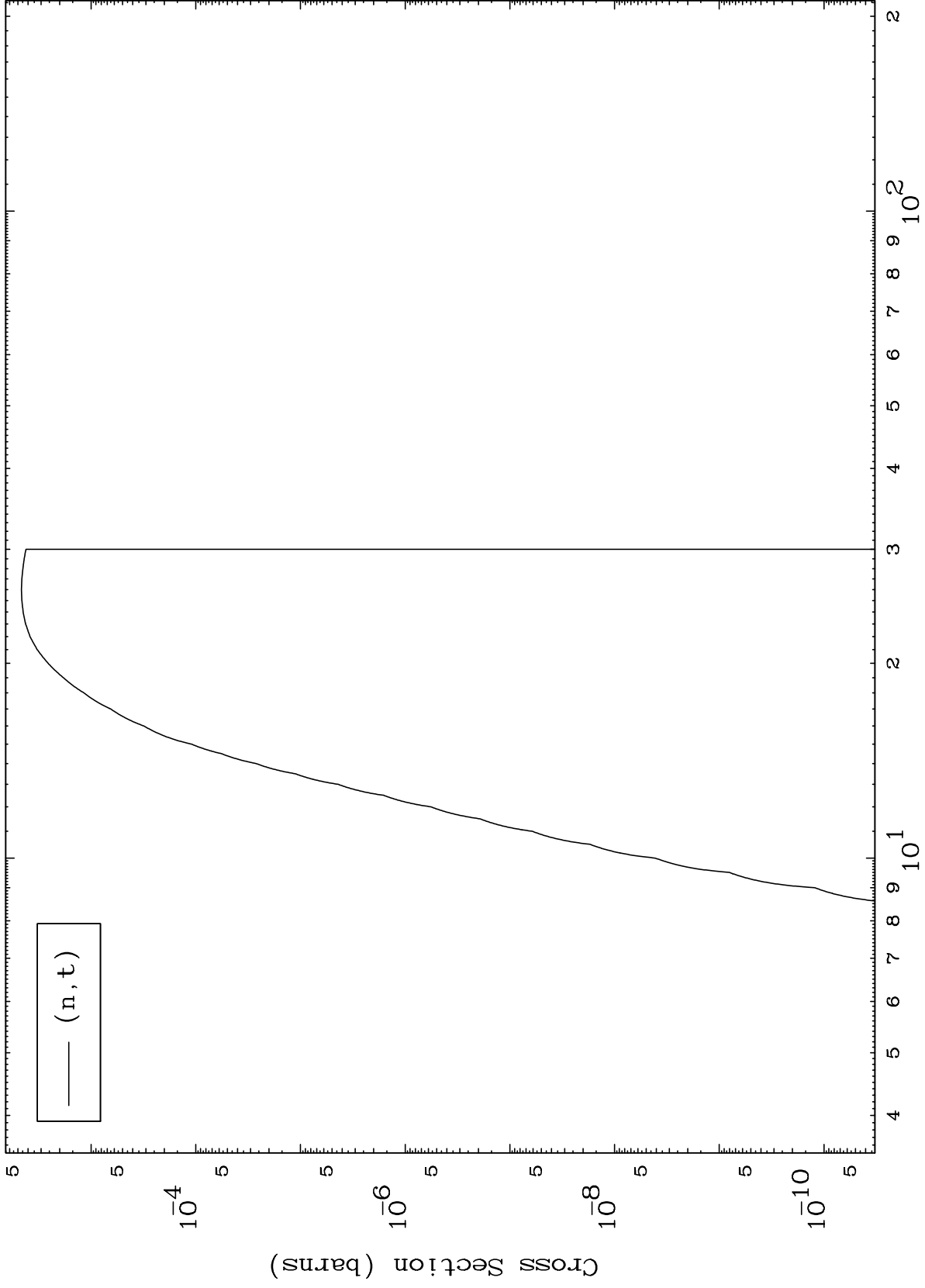
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-170



12

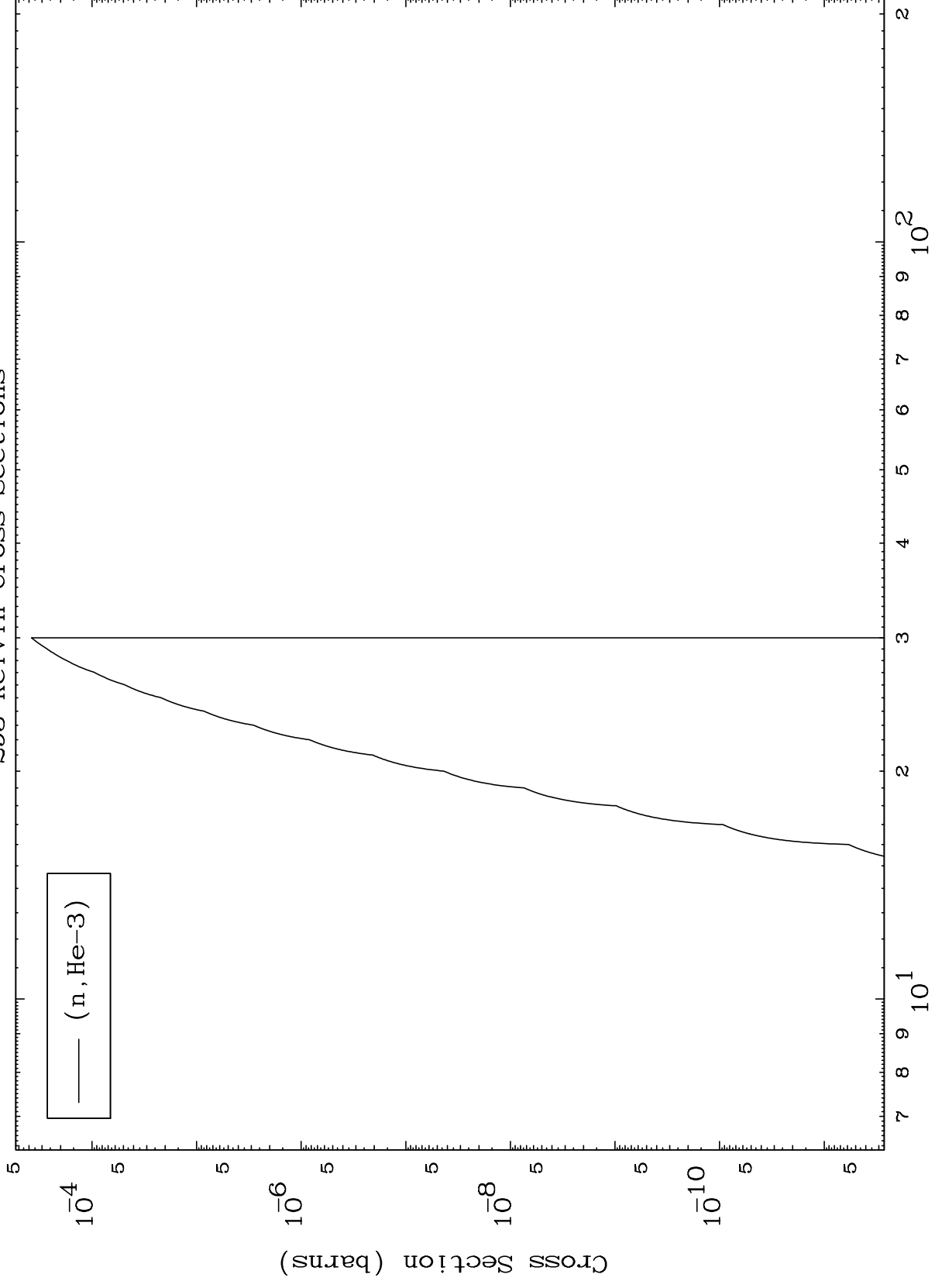
Incident Energy (MeV)

69-Tm-170

MAT 6928

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-170



13

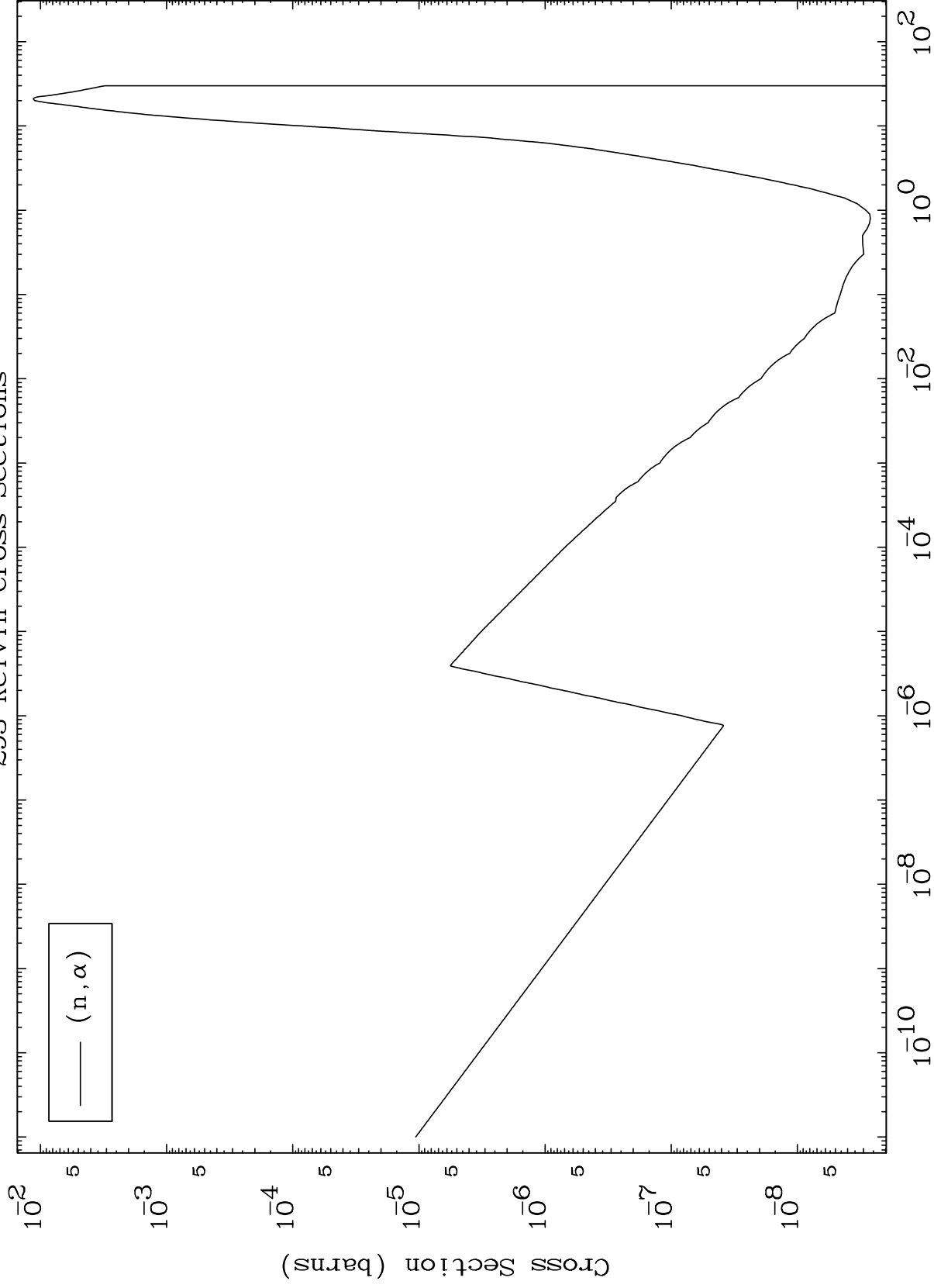
Incident Energy (MeV)

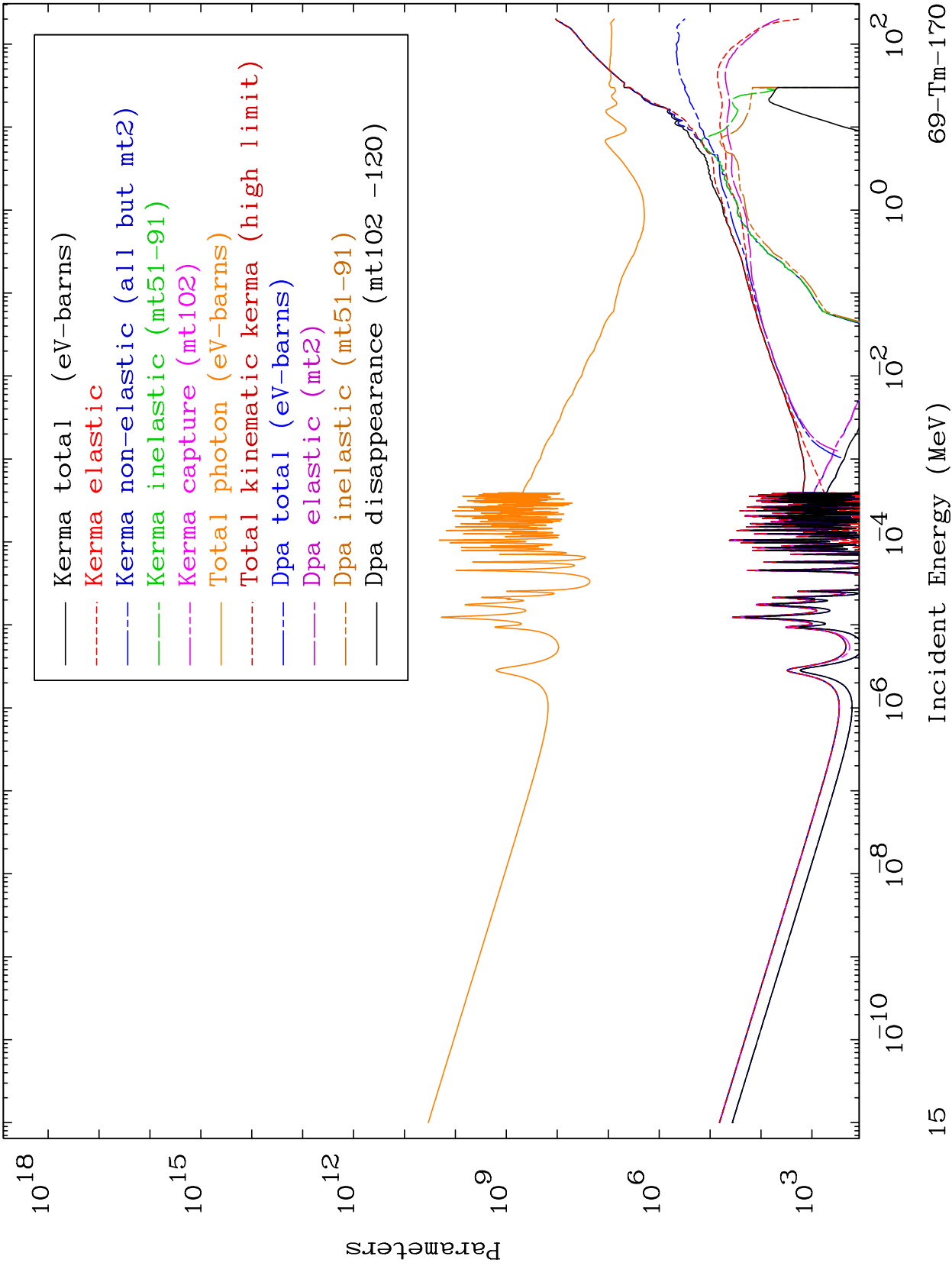
69-Tm-170

MAT 6928

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-170

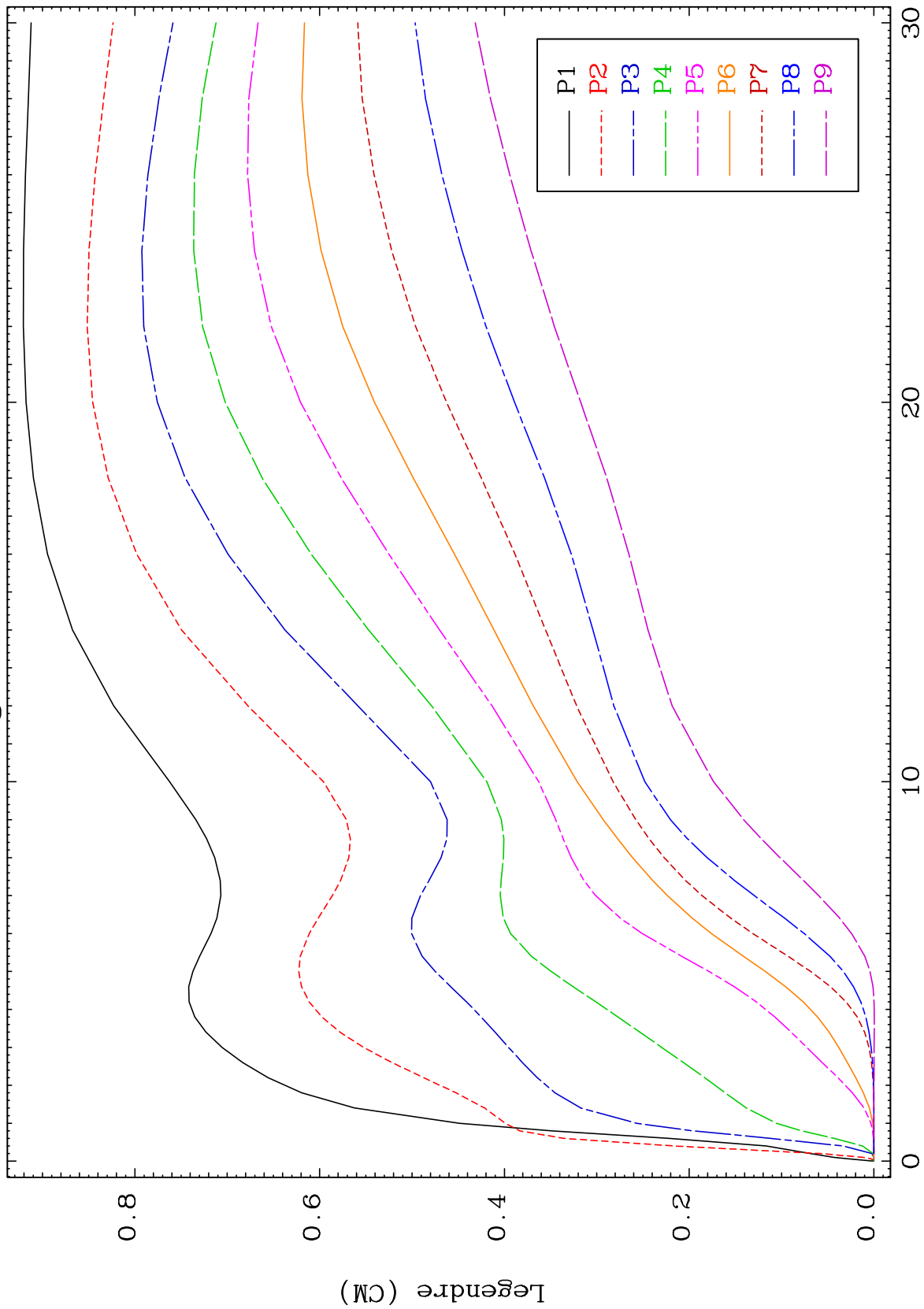




MAT 6928

Elastic Legendre Coefficients

69-Tm-170



16

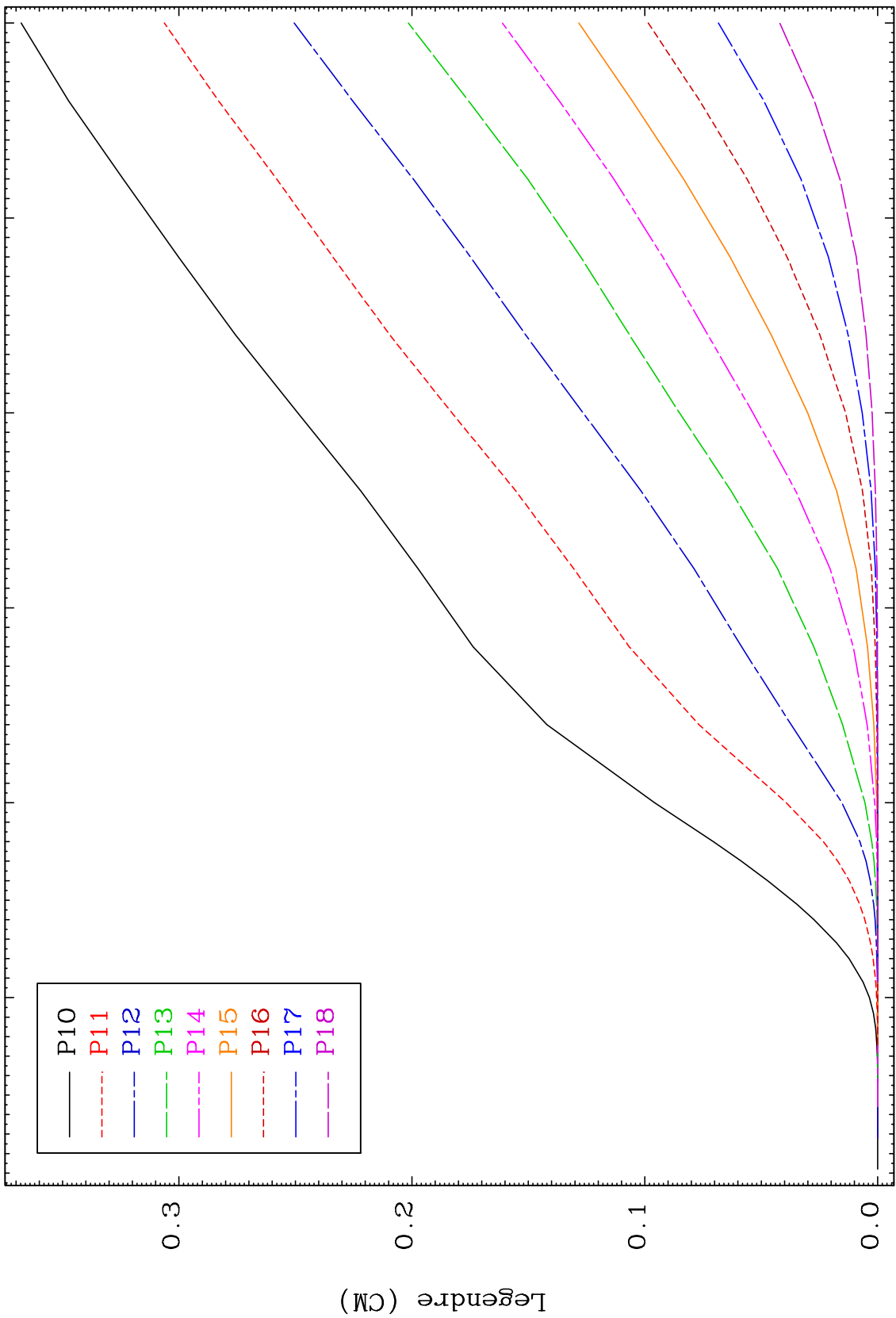
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic Legendre Coefficients

69-Tm-170



17

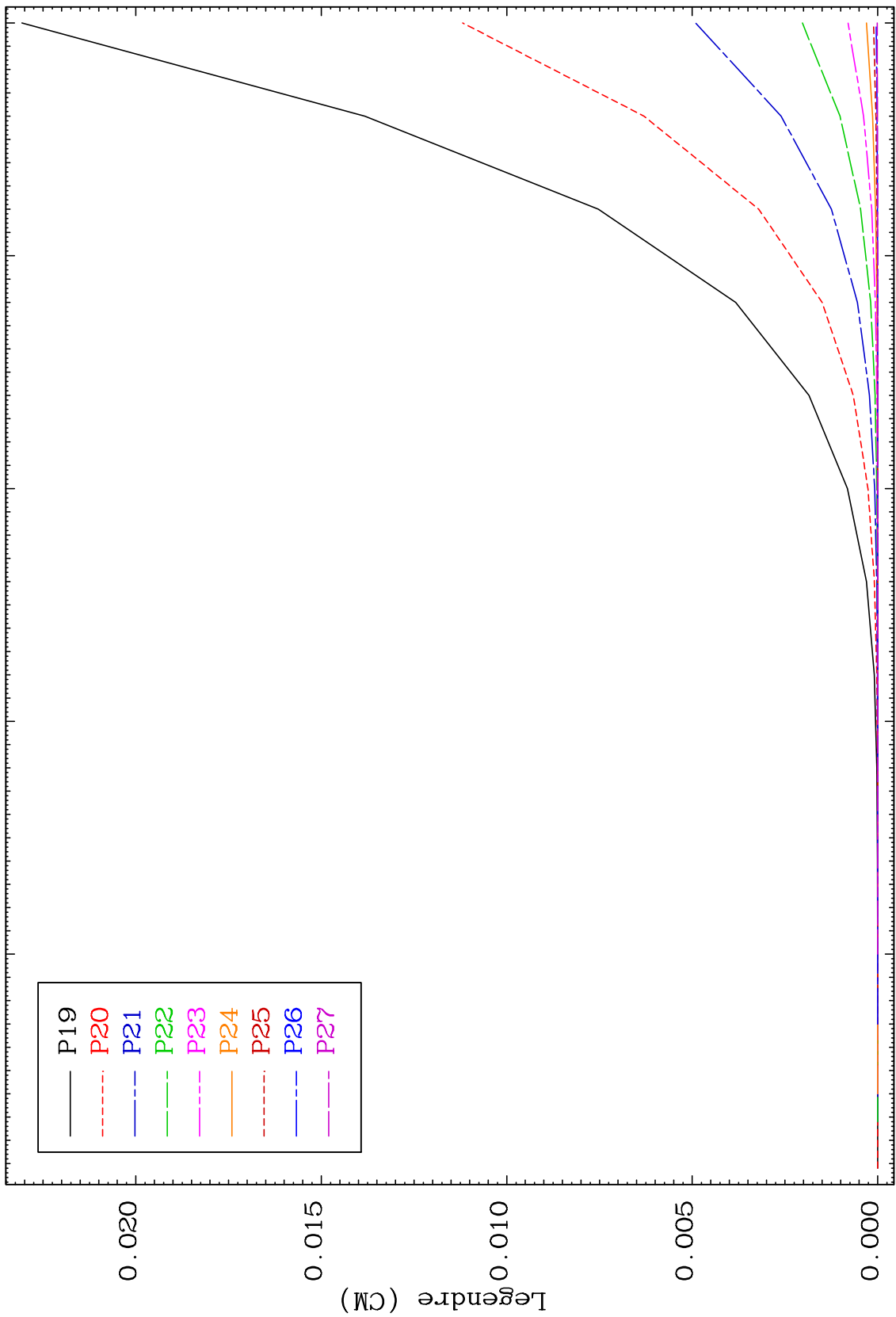
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic Legendre Coefficients

69-Tm-170



18

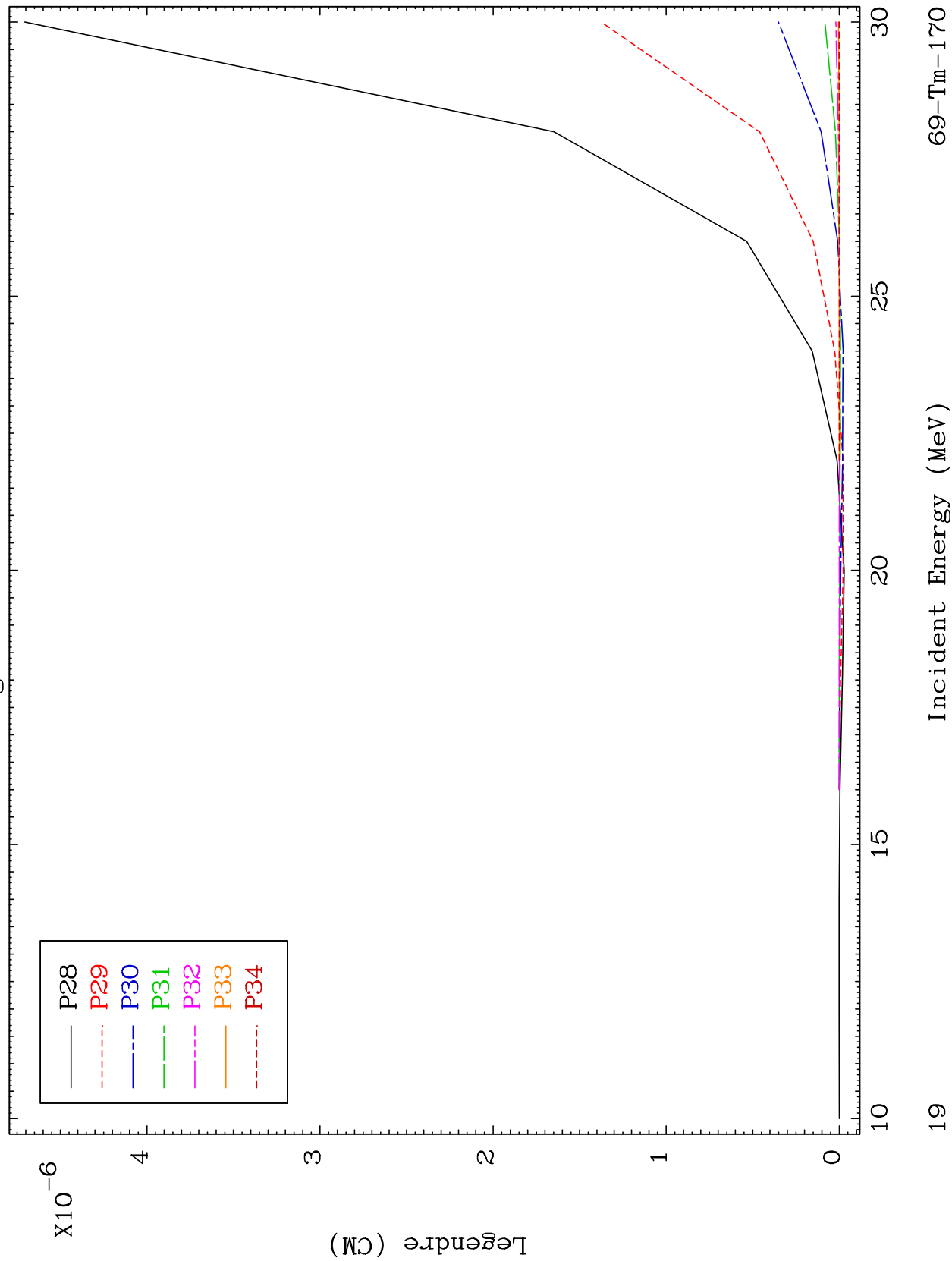
Incident Energy (MeV)

69-Tm-170

MAT 6928

Elastic
Legendre Coefficients

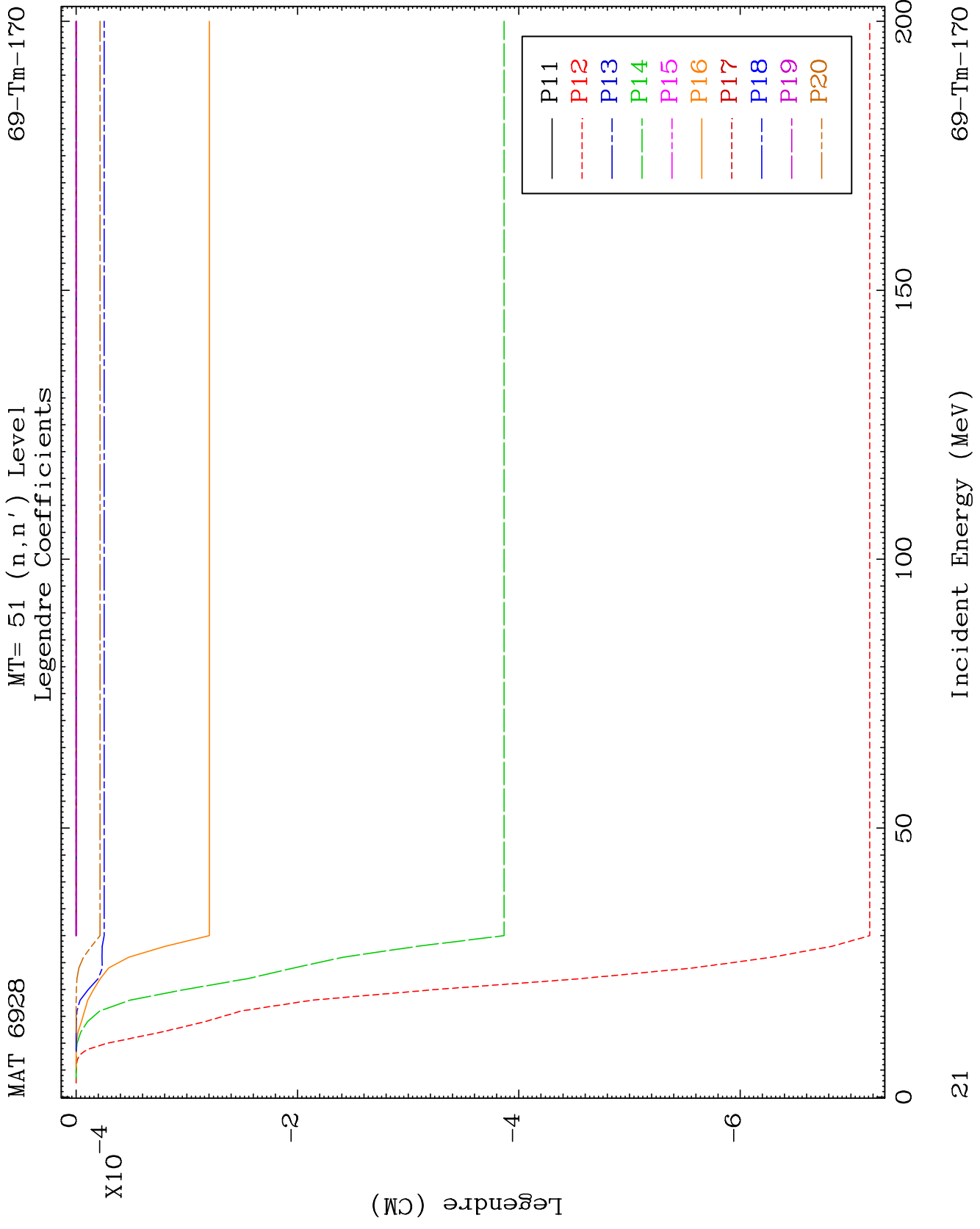
69-Tm-170

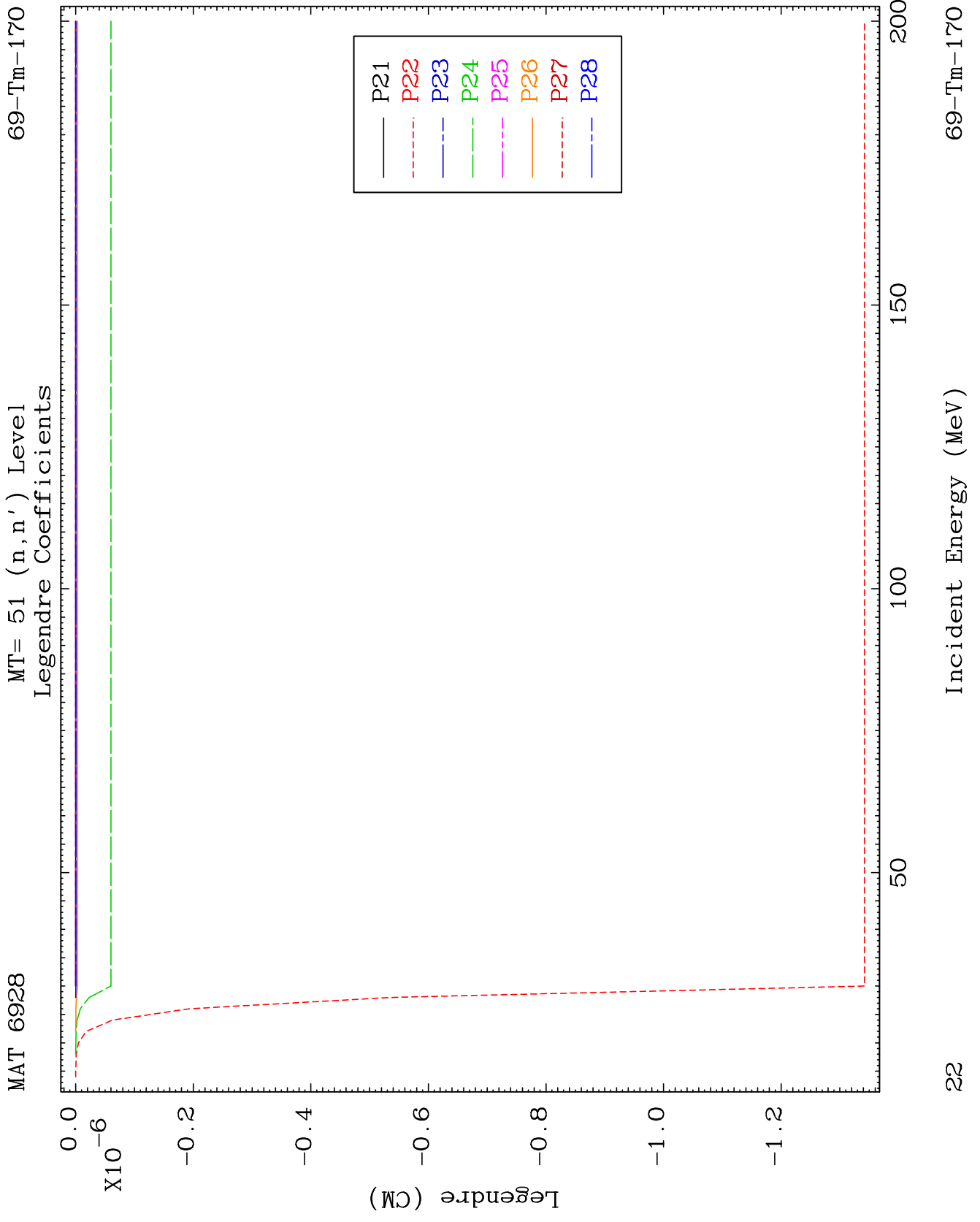


10

Incident Energy (MeV)

69-Tm-170

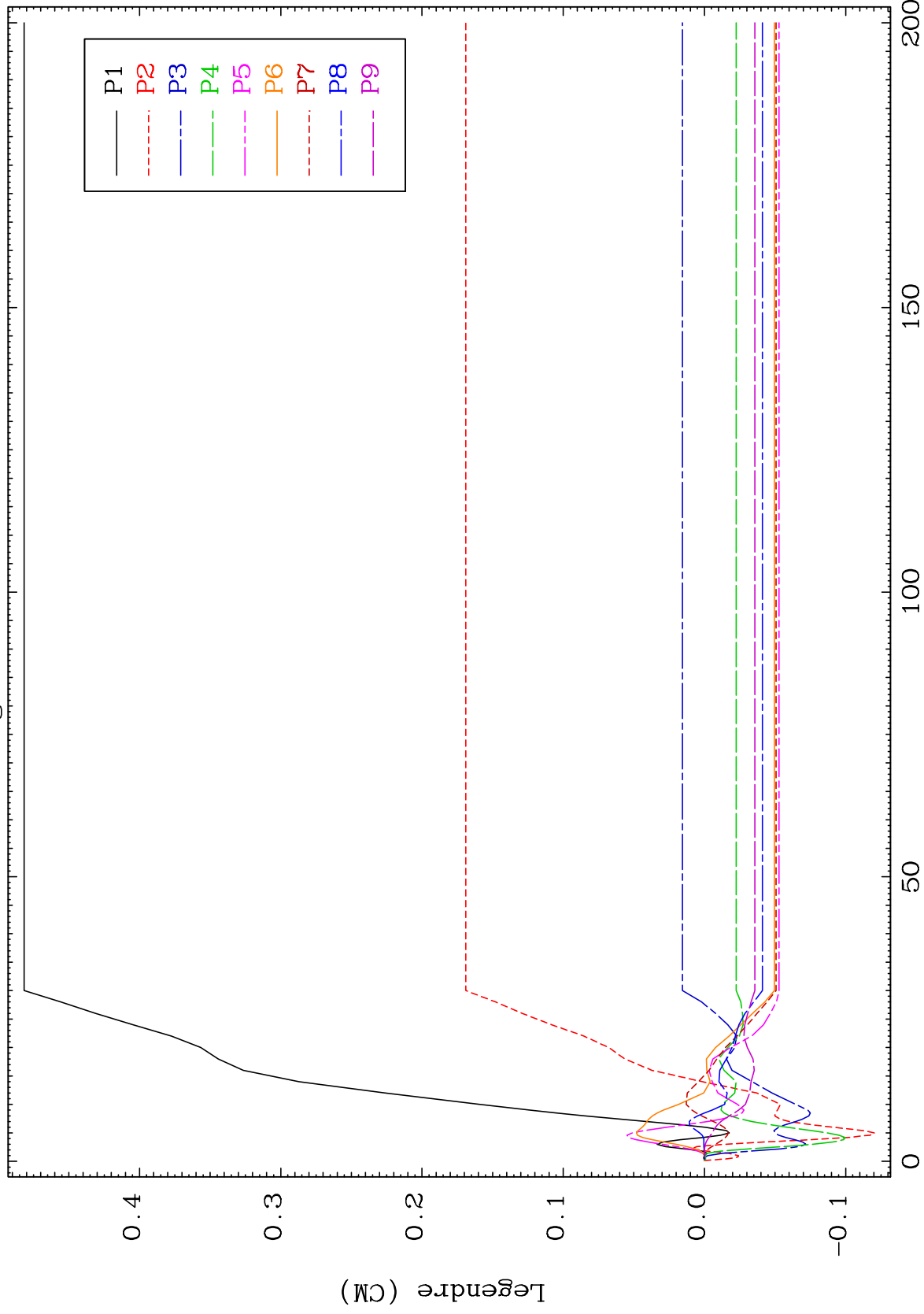




MAT 6928

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

69-Tm-170



69-Tm-170

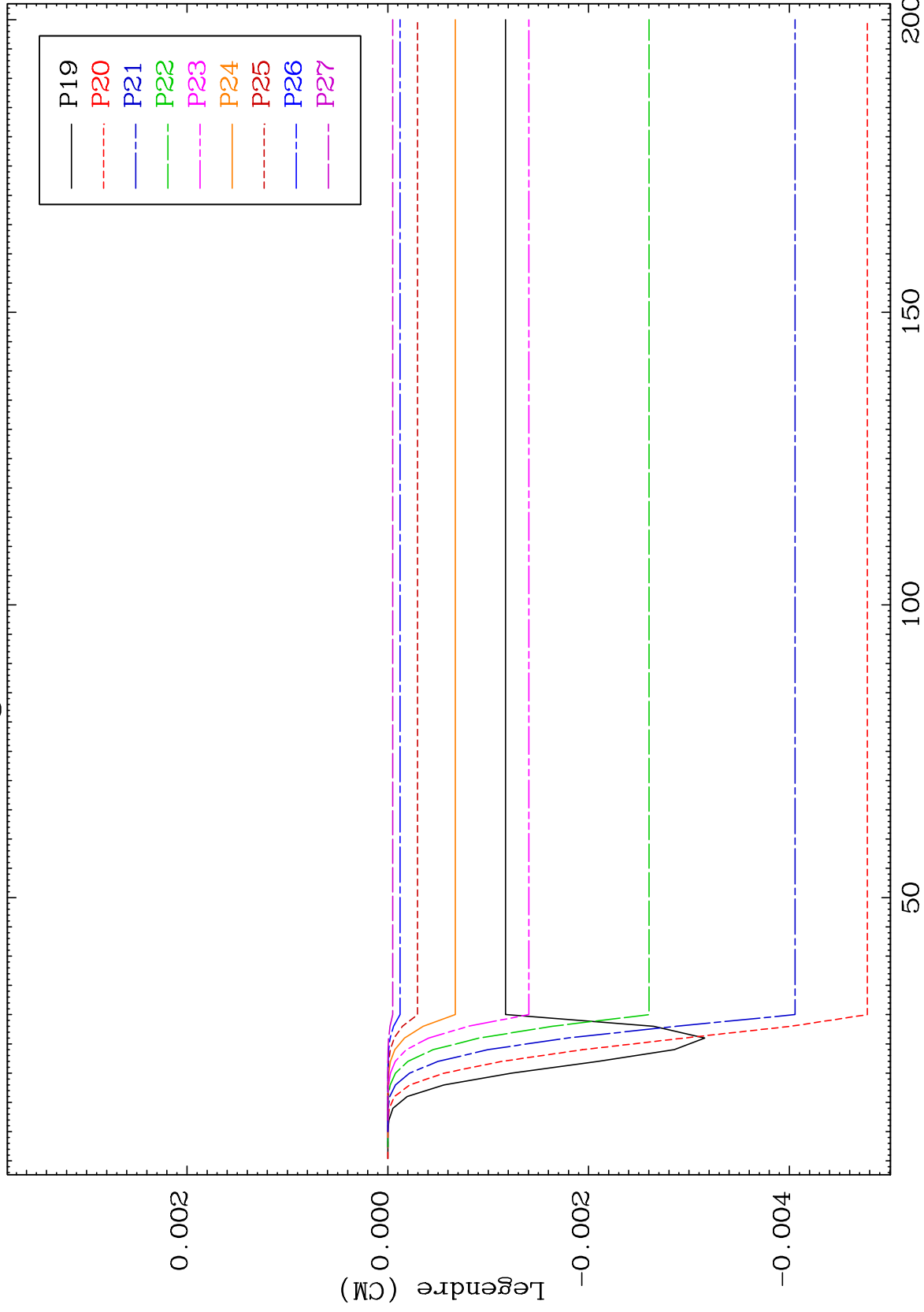
Incident Energy (MeV)

23

MAT 6928

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

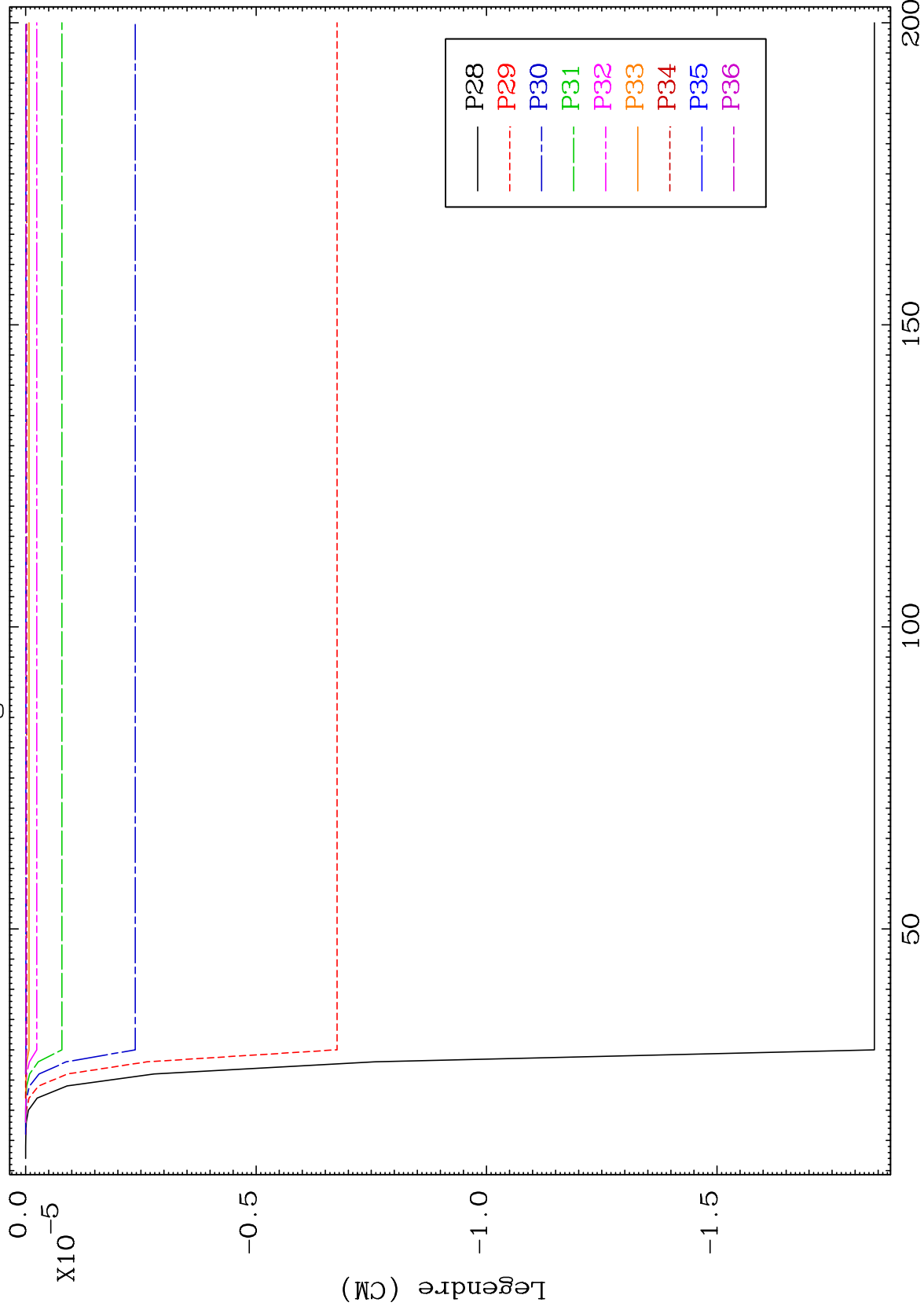
69-Tm-170

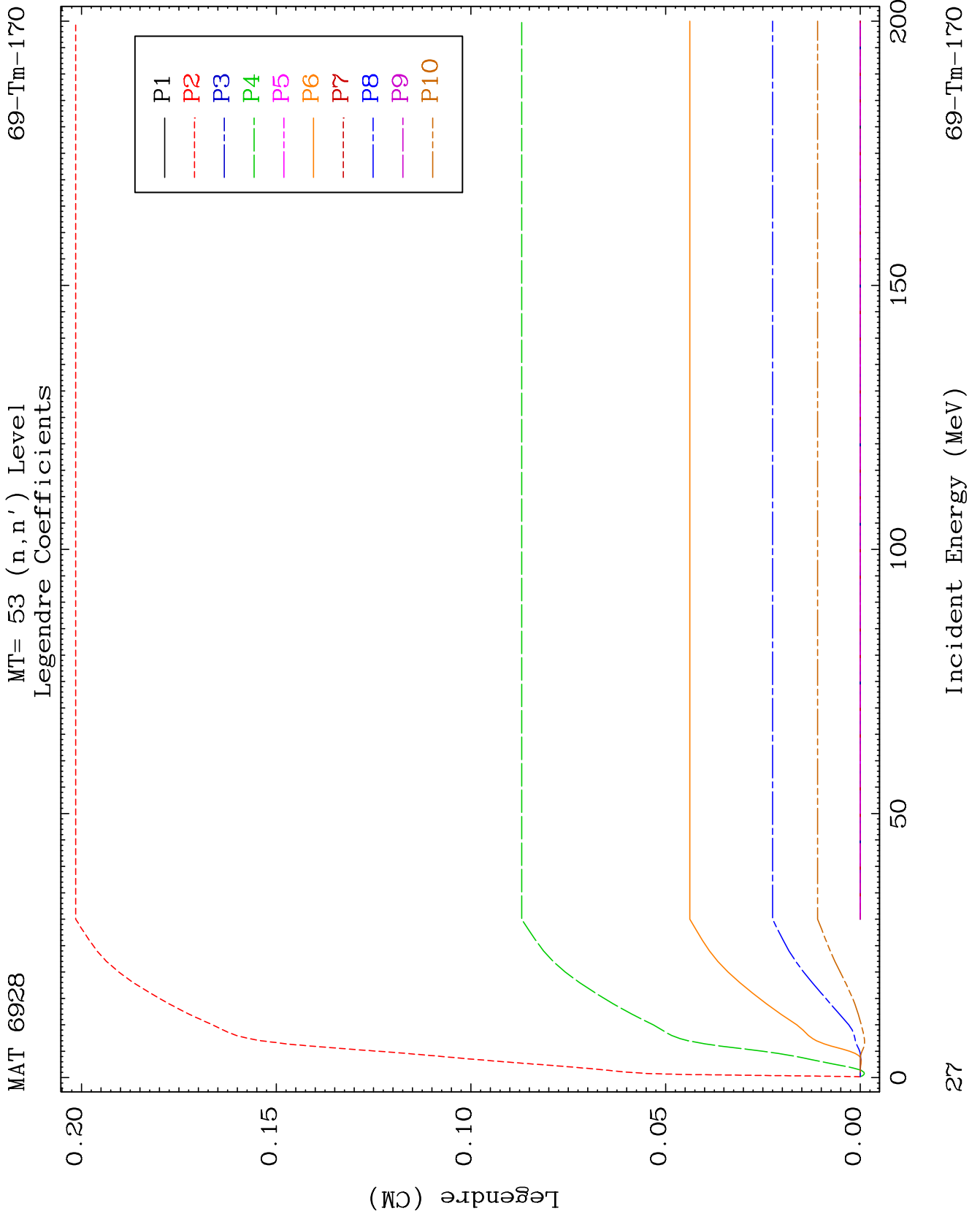


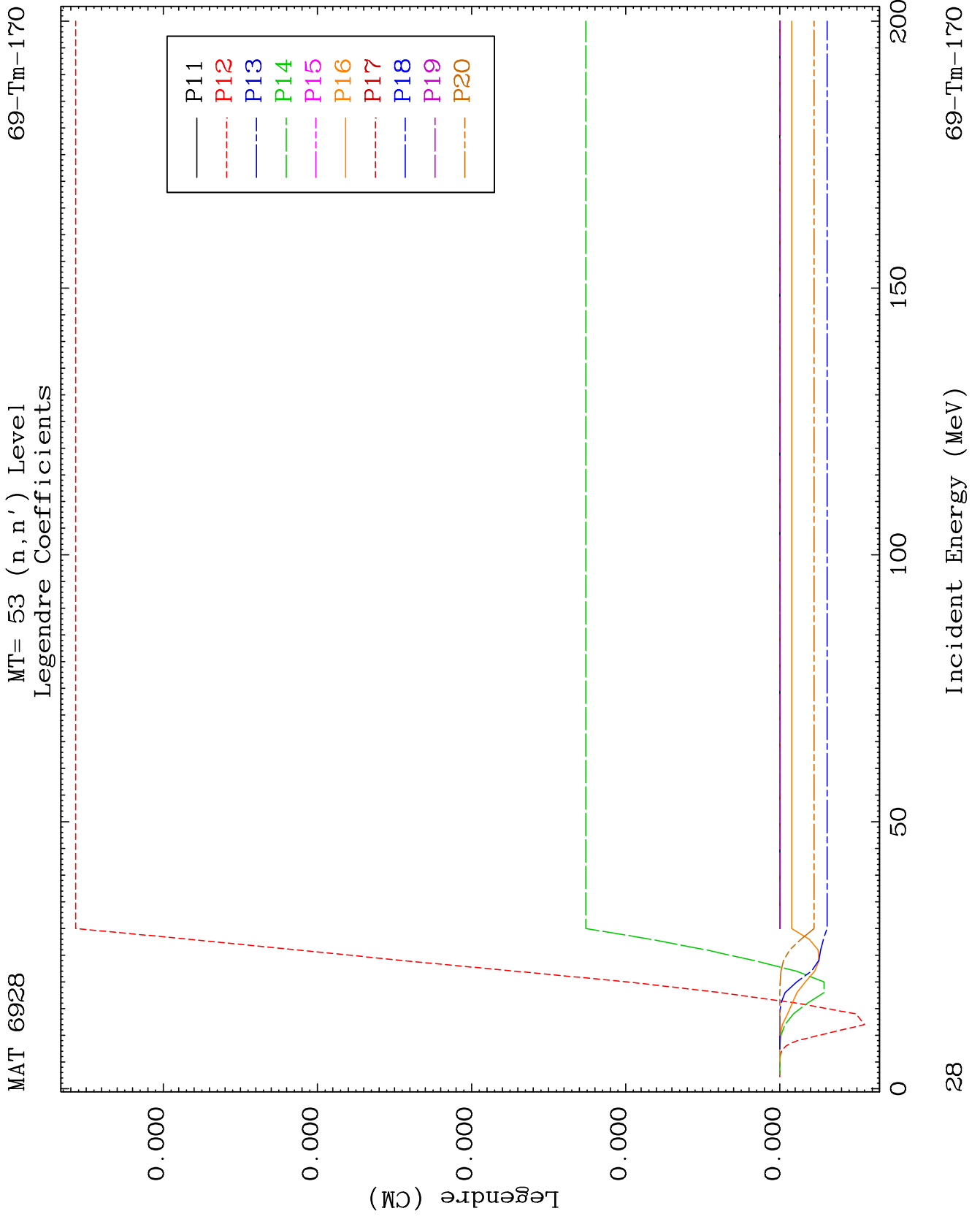
25

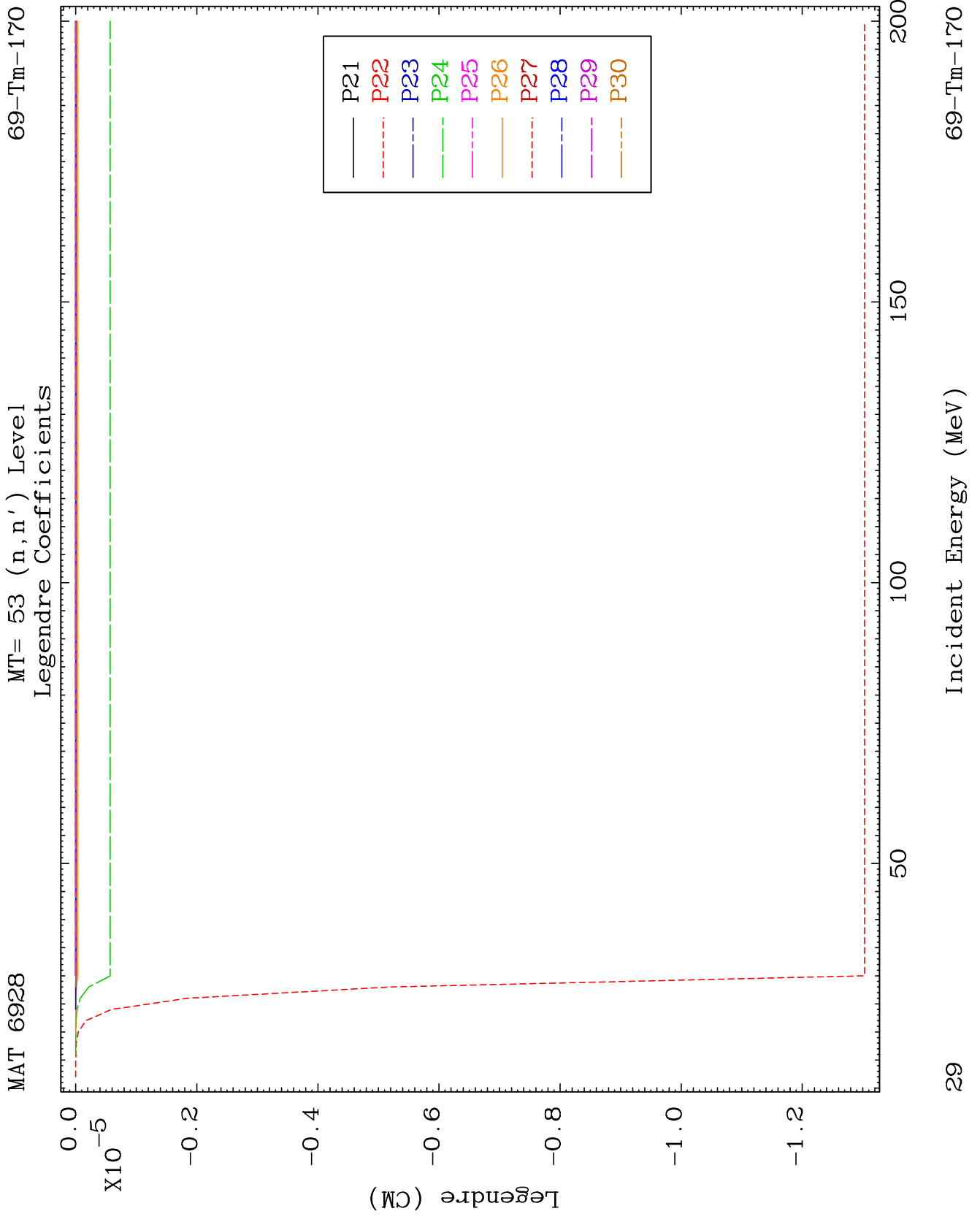
Incident Energy (MeV)

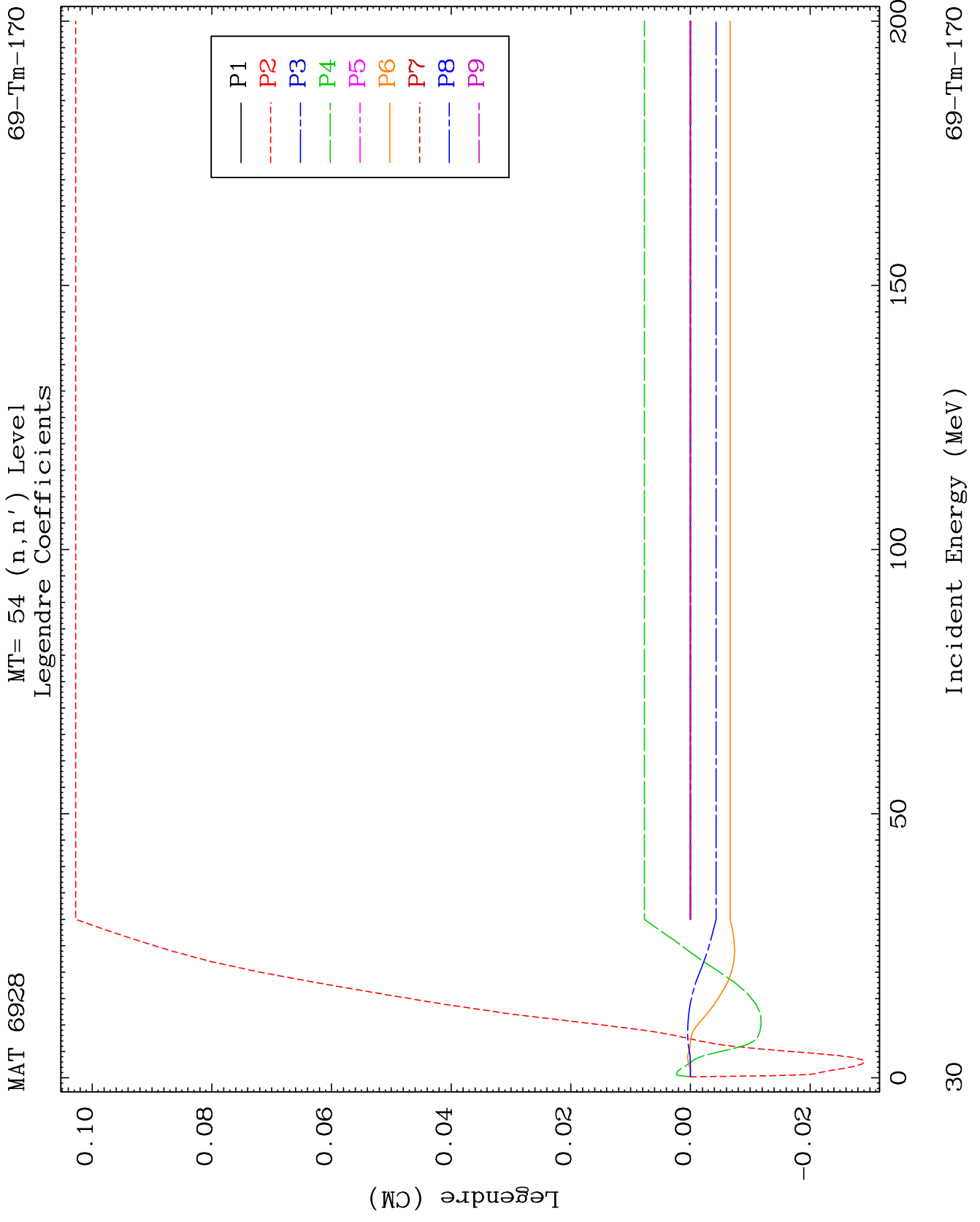
69-Tm-170







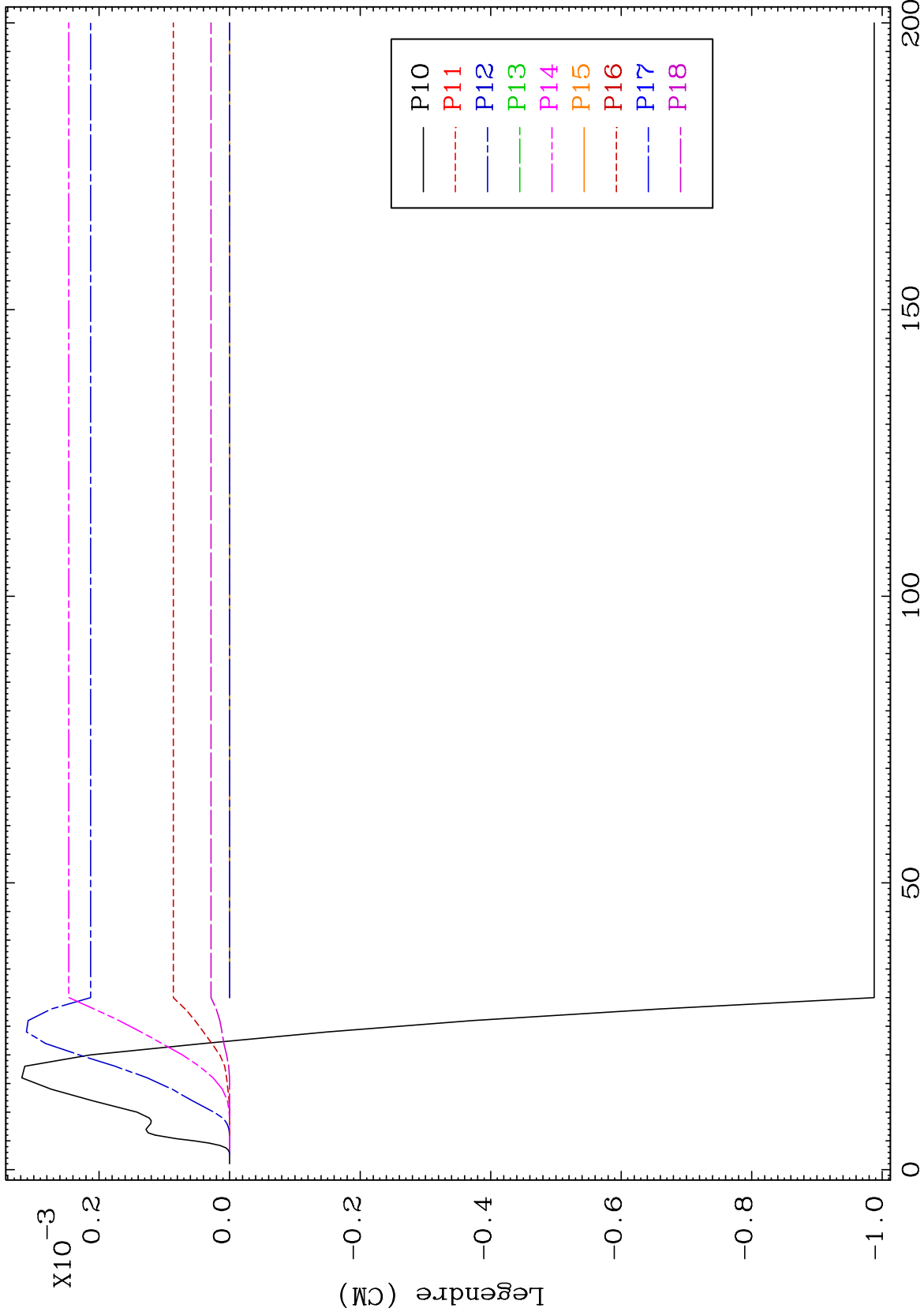




MAT 6928

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

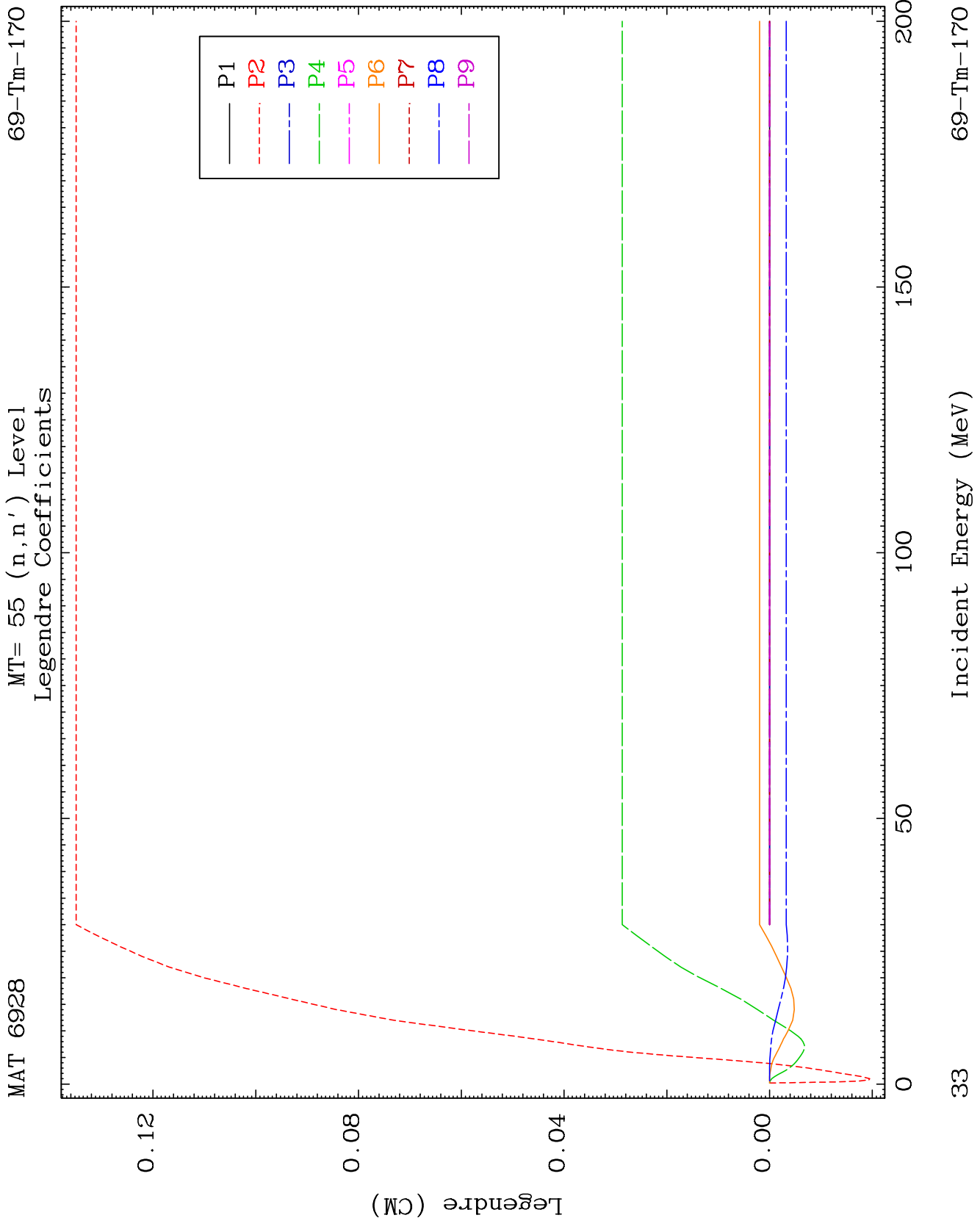
69-Tm-170



31

Incident Energy (MeV)

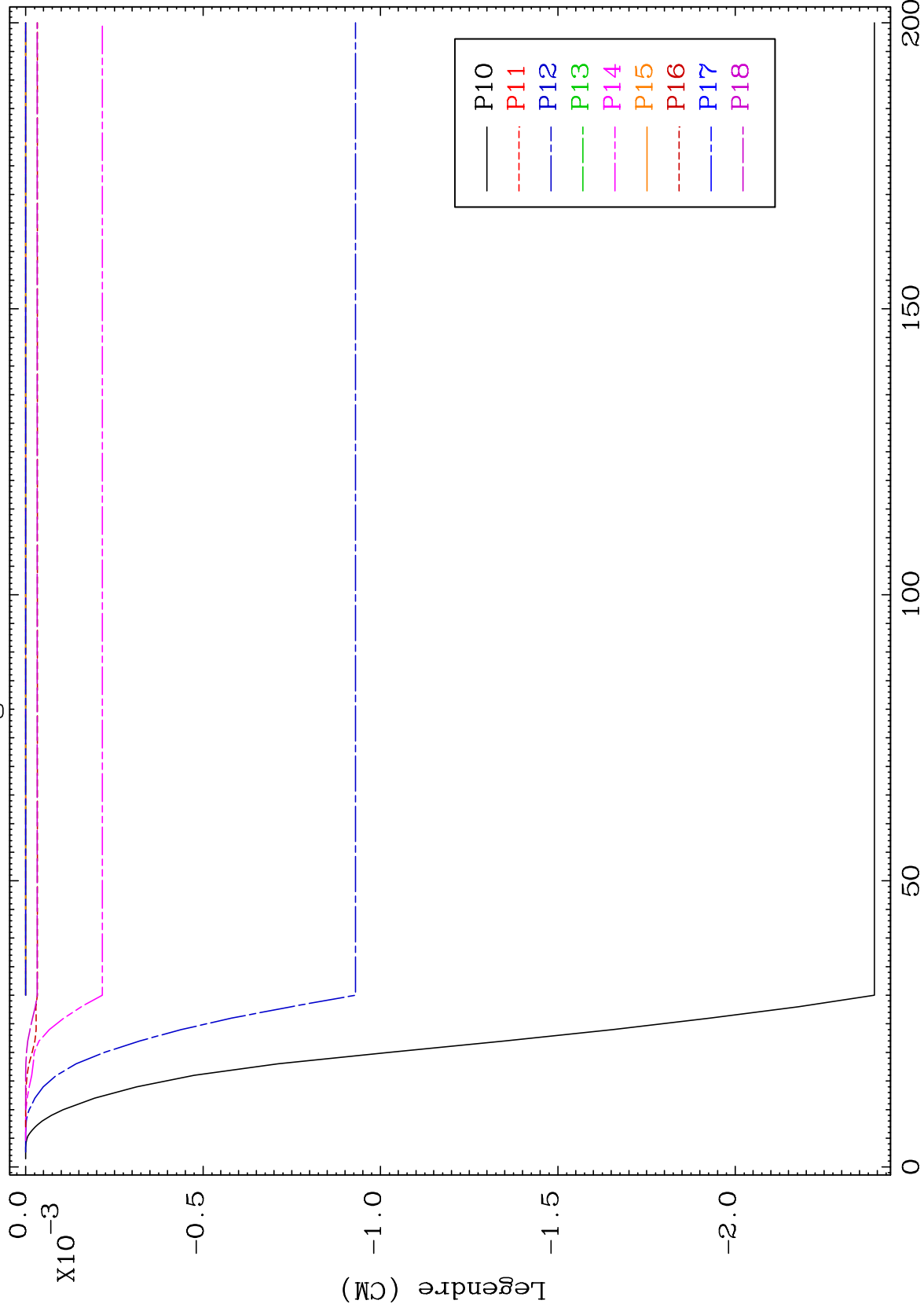
69-Tm-170



MAT 6928

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

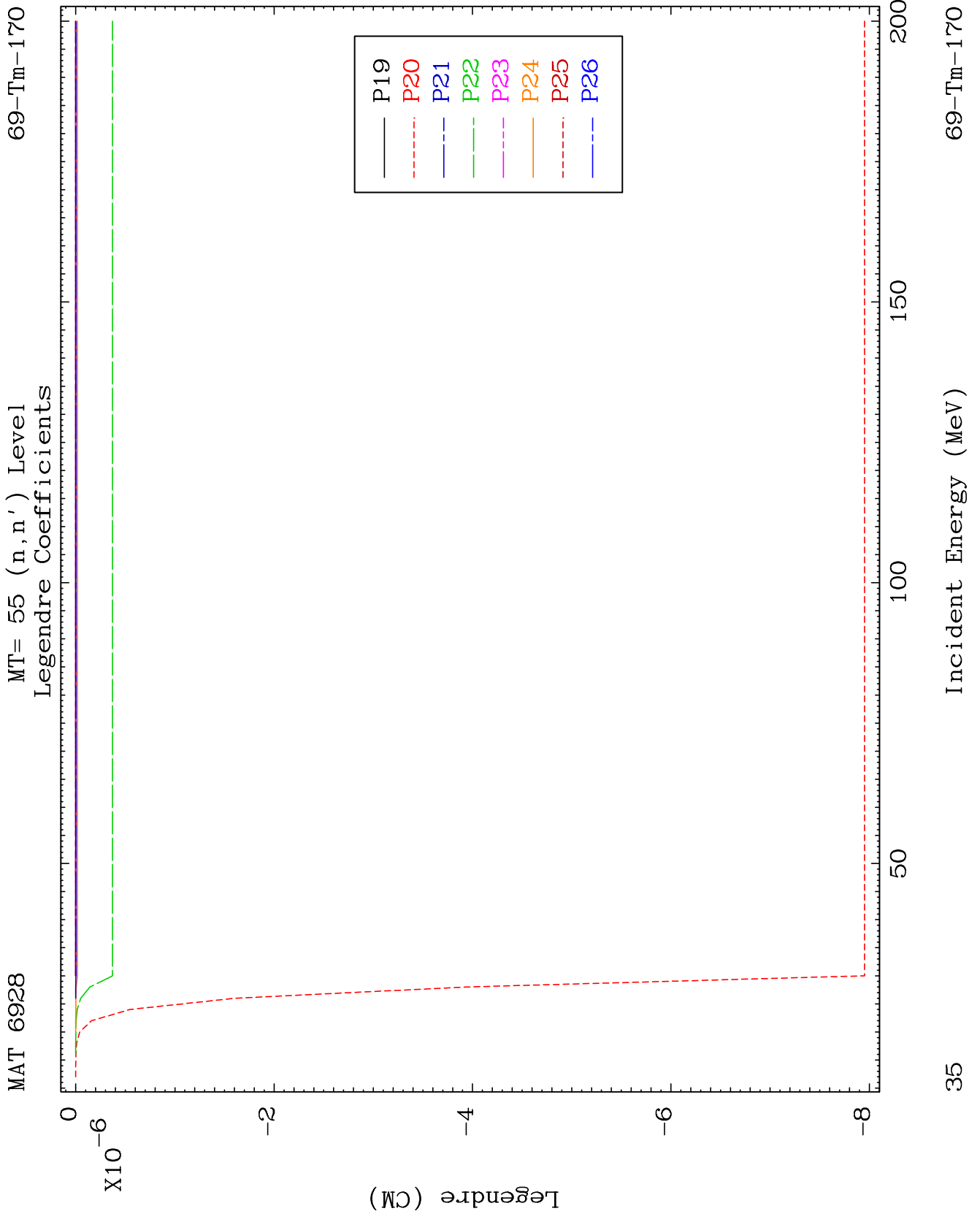
69-Tm-170

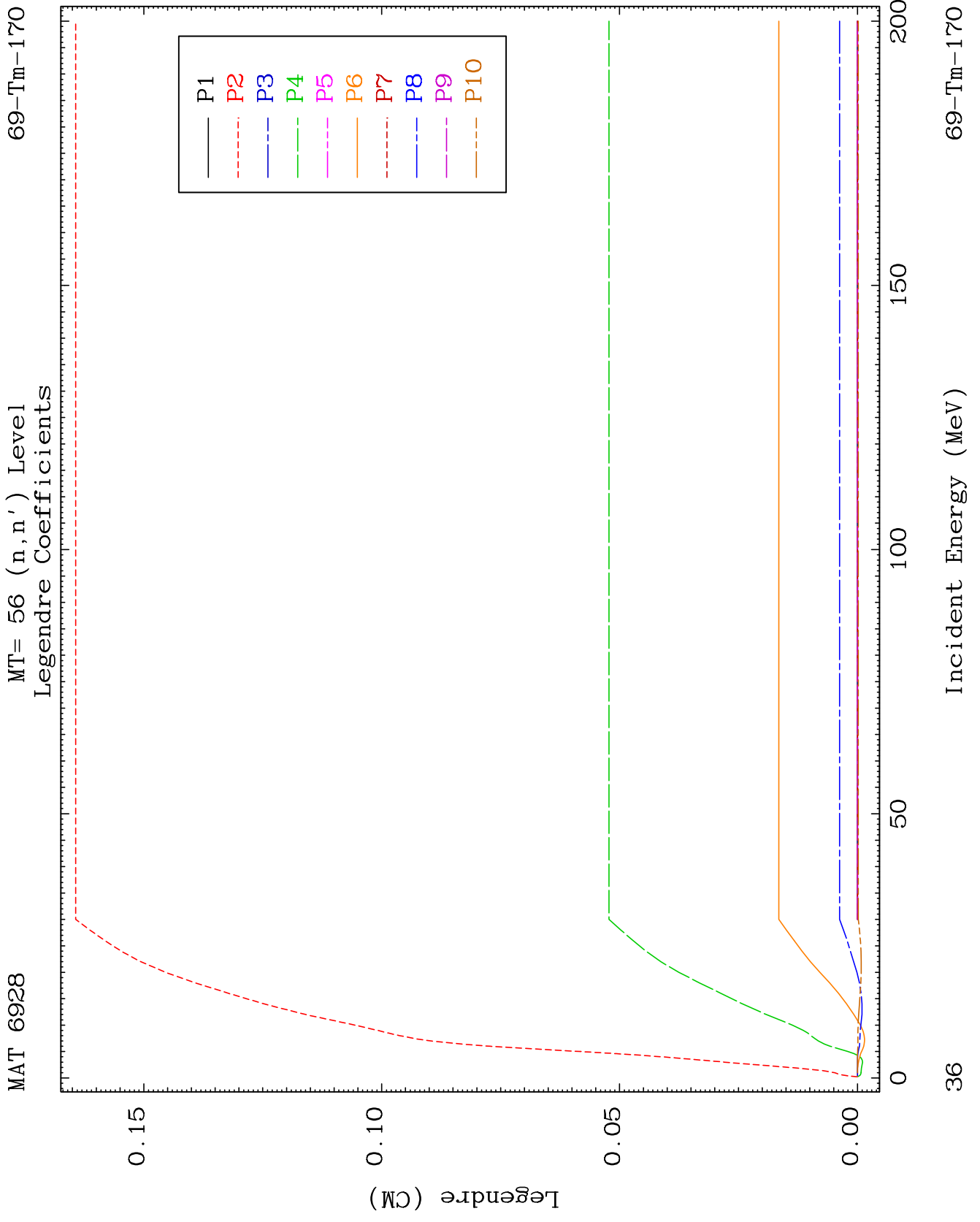


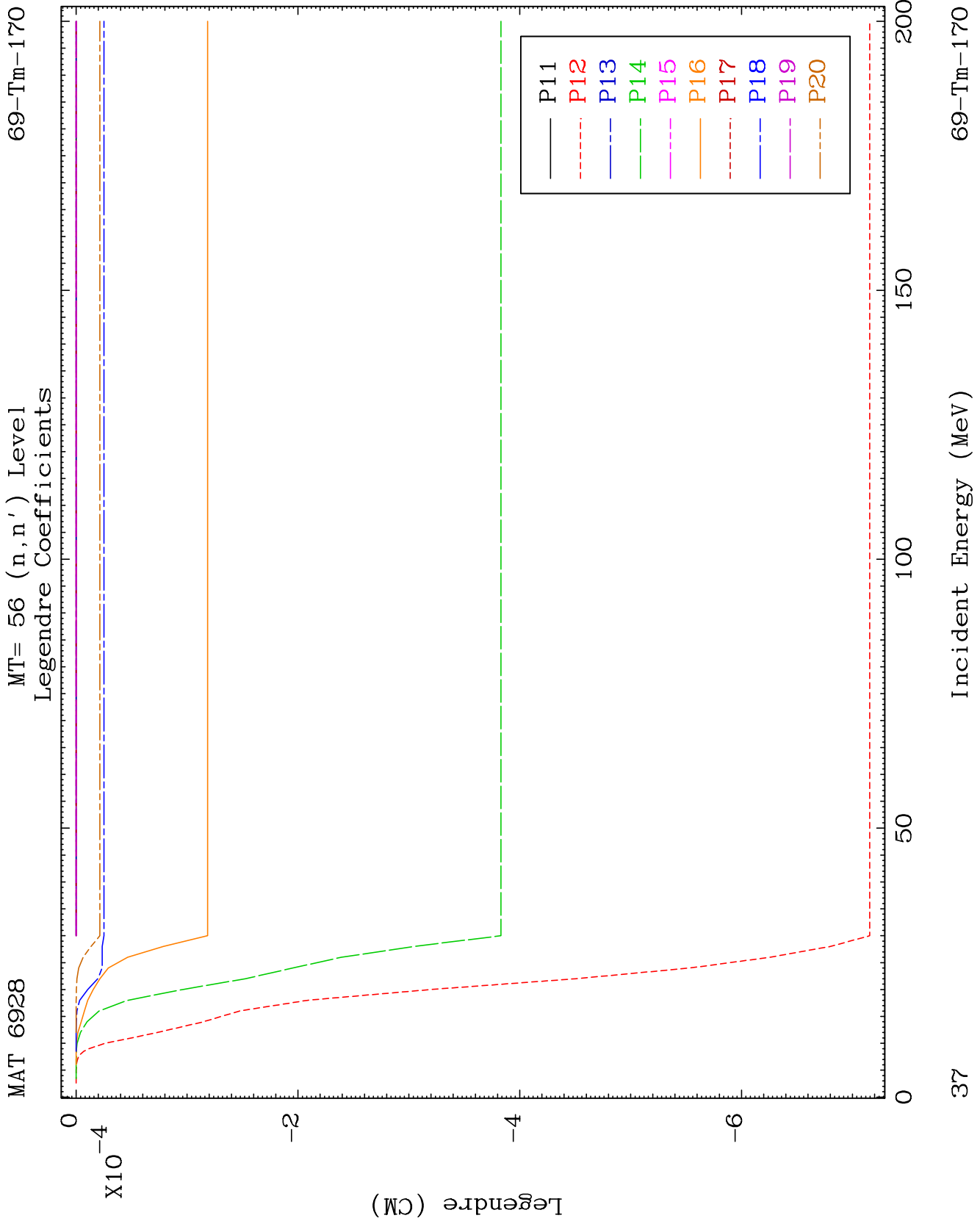
34

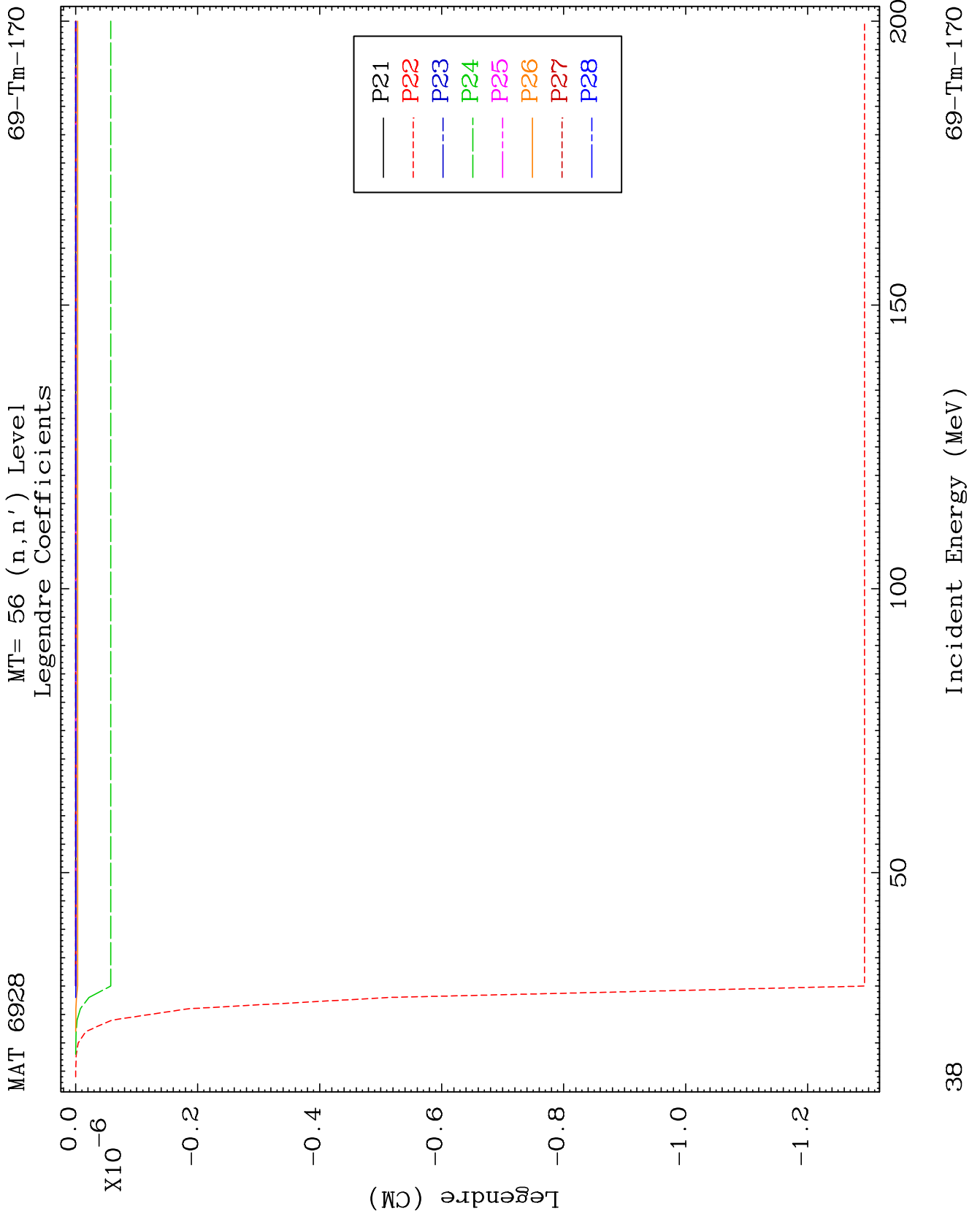
Incident Energy (MeV)

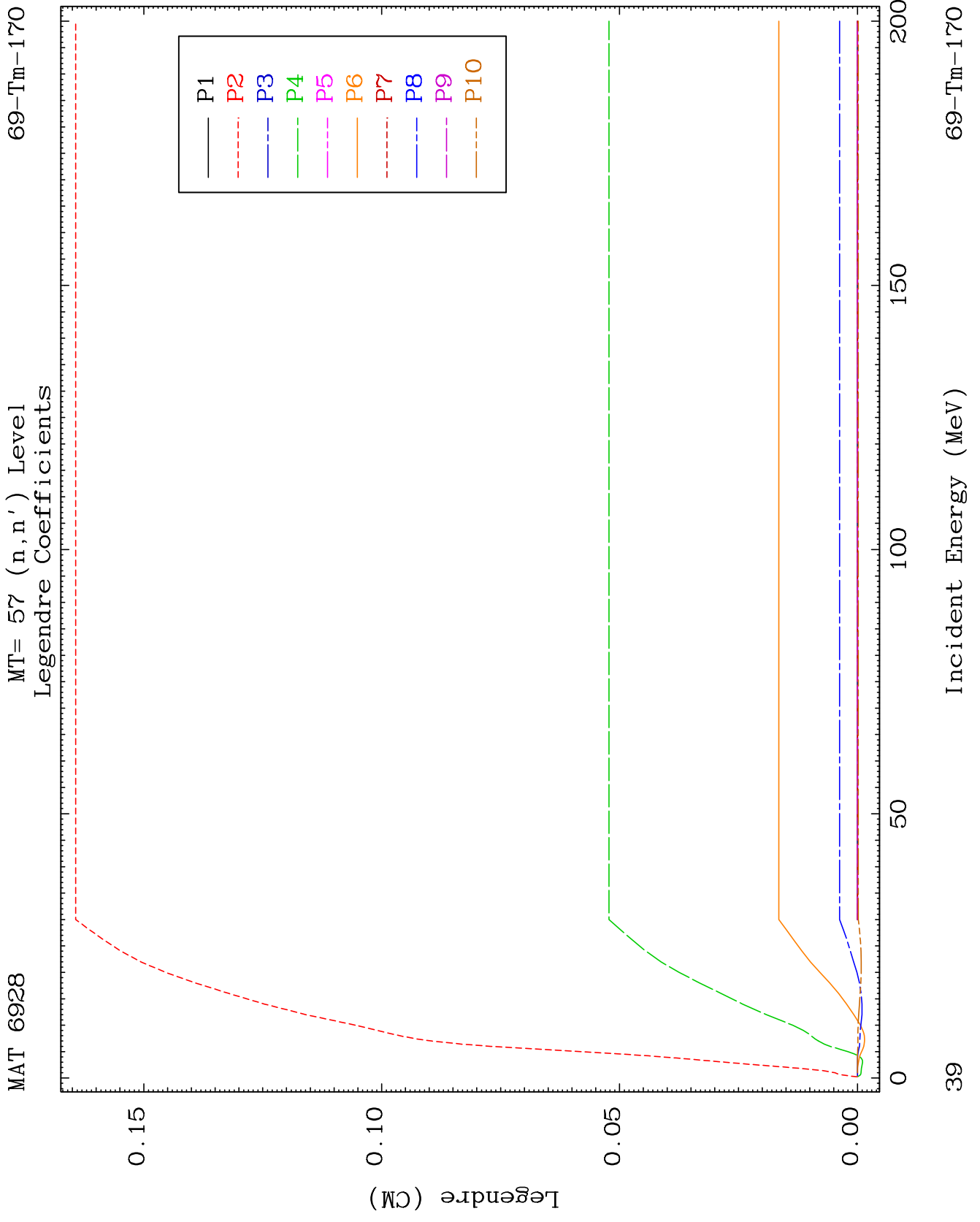
69-Tm-170

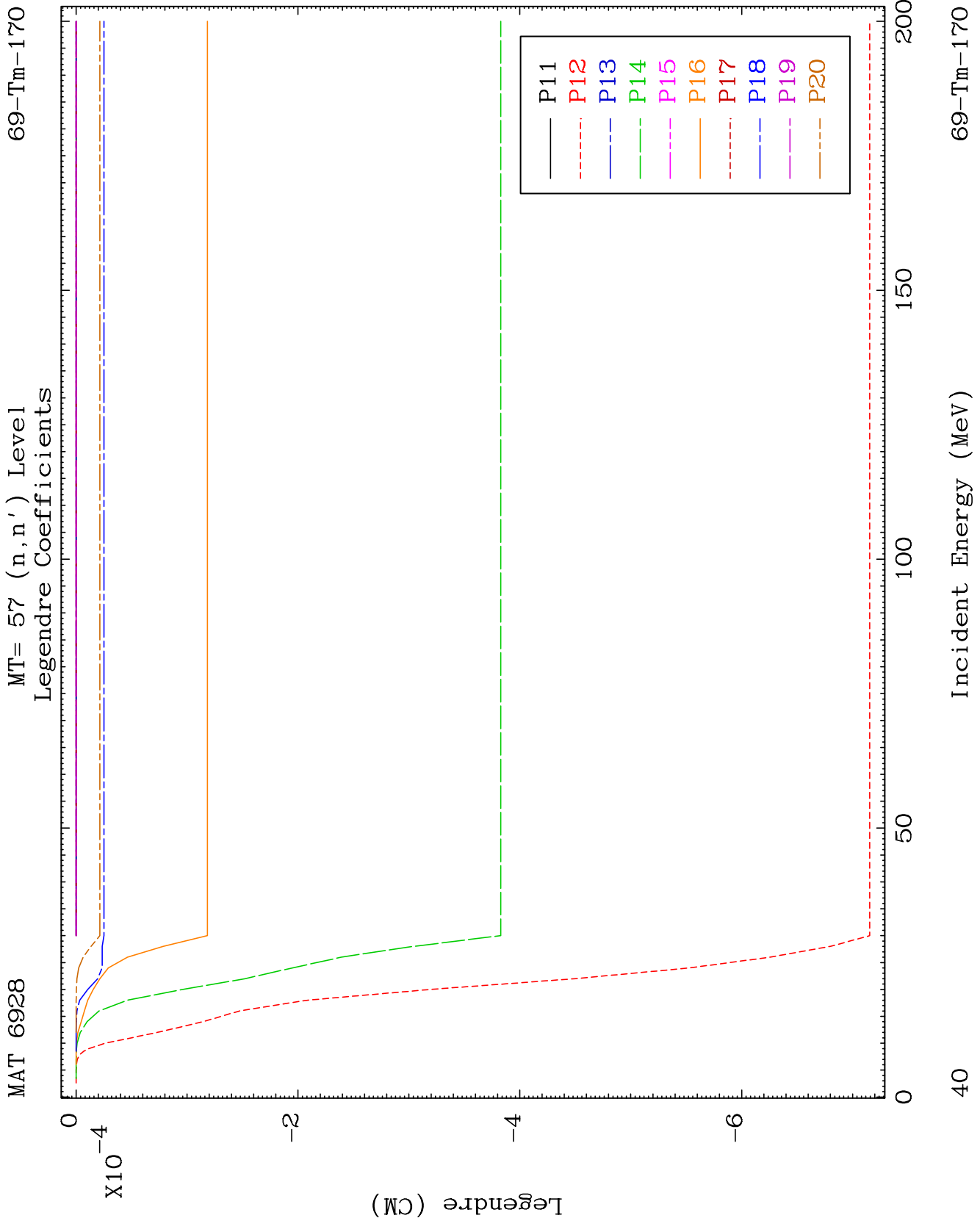


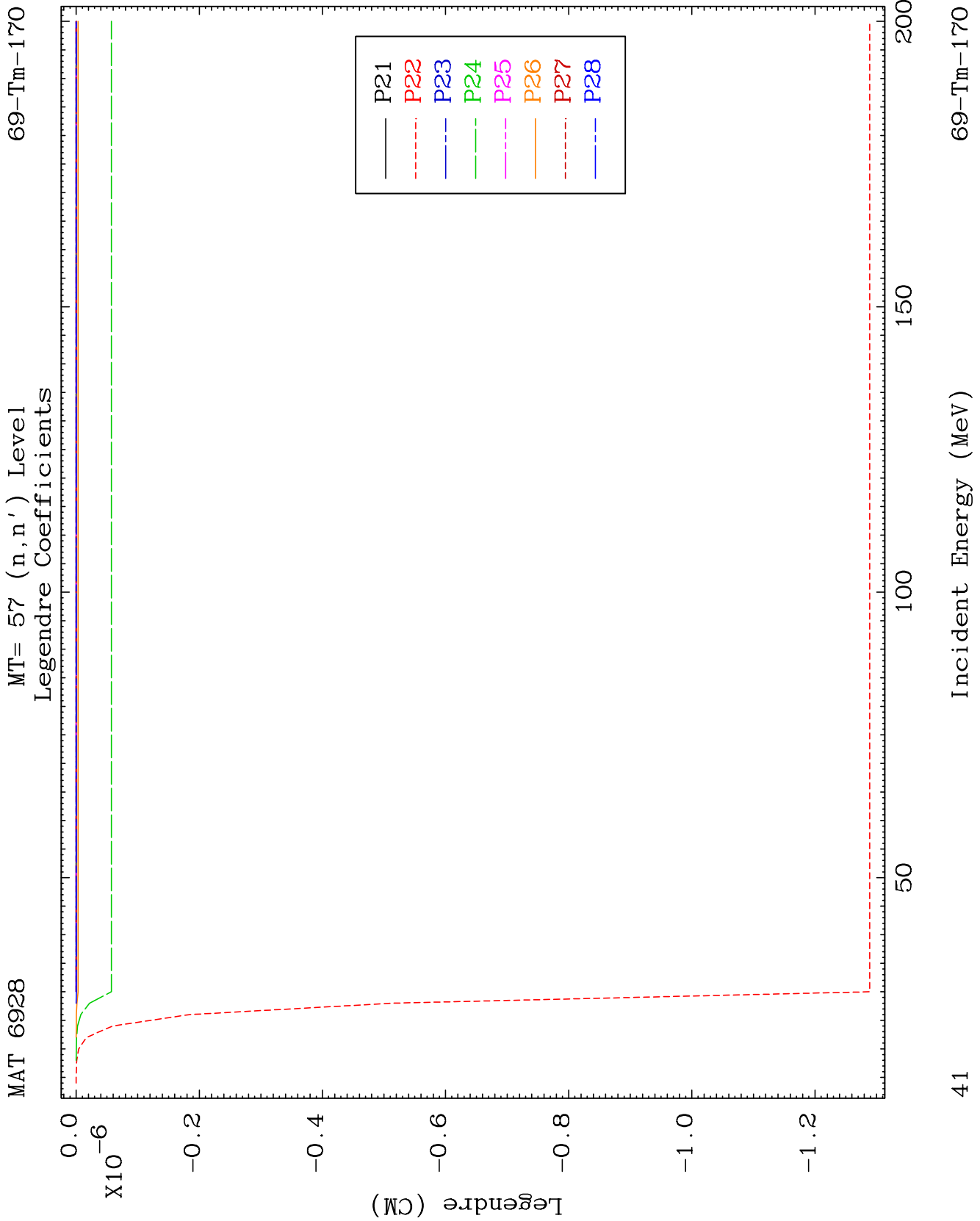








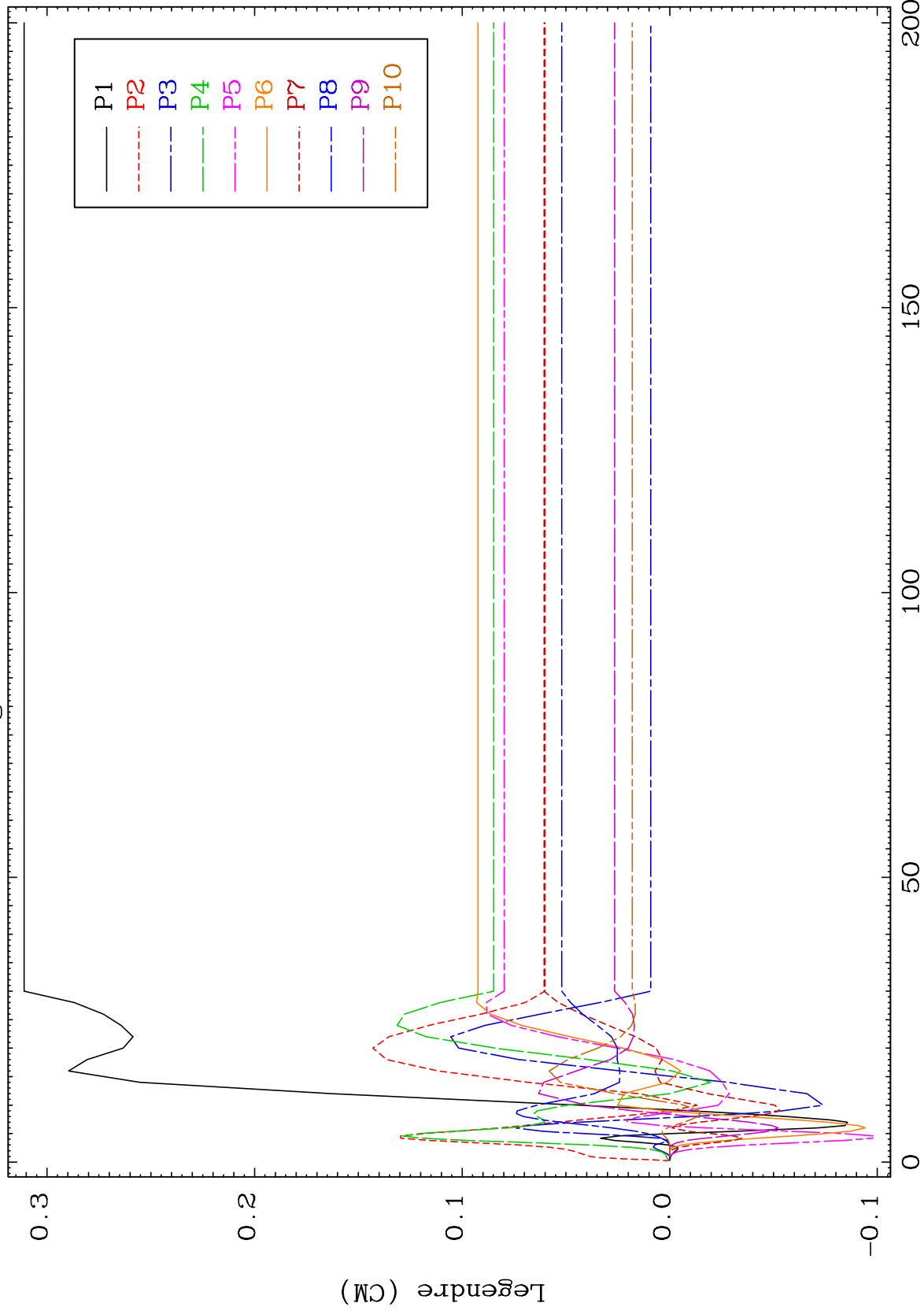




MAT 6928

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

69-Tm-170



42

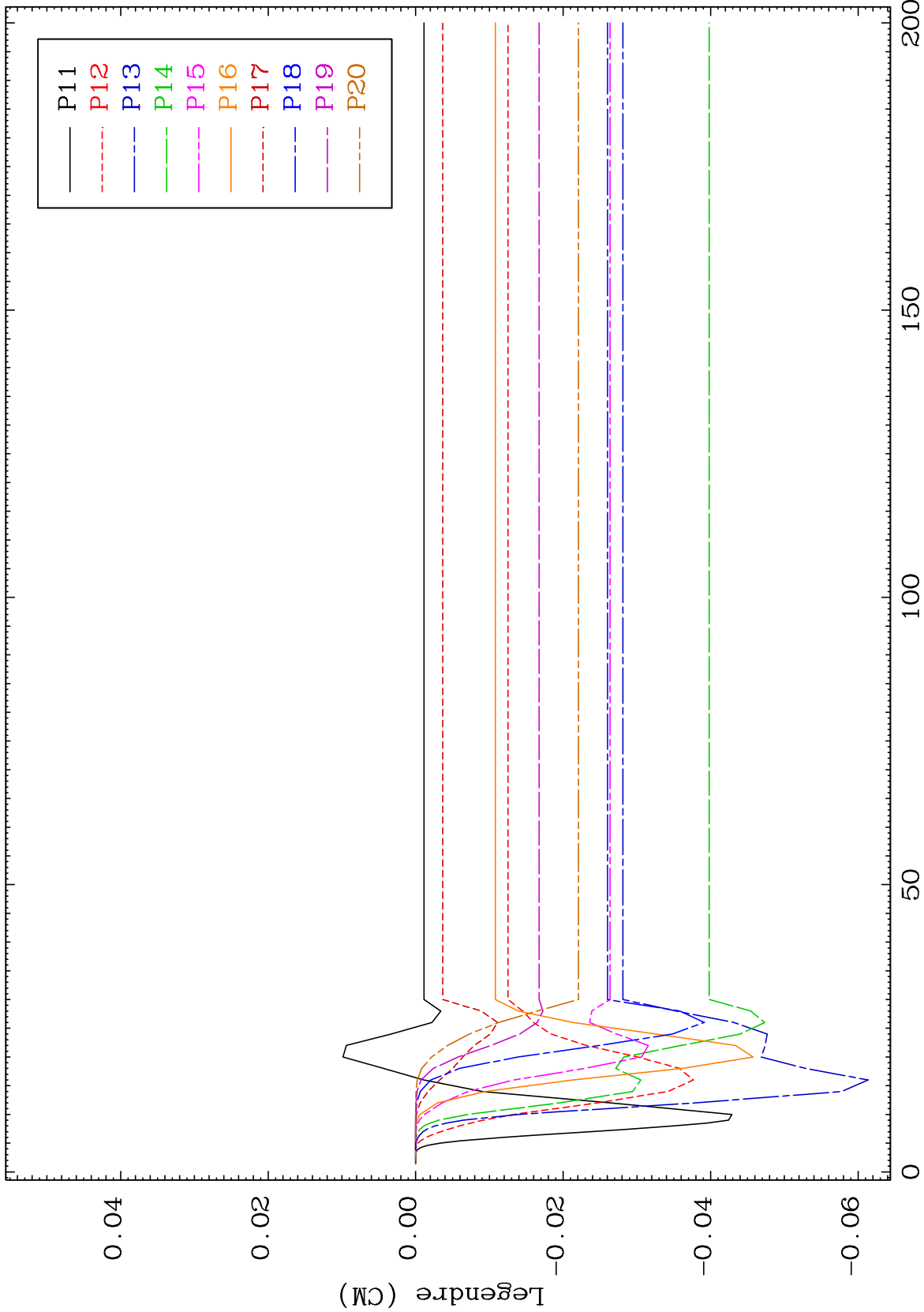
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

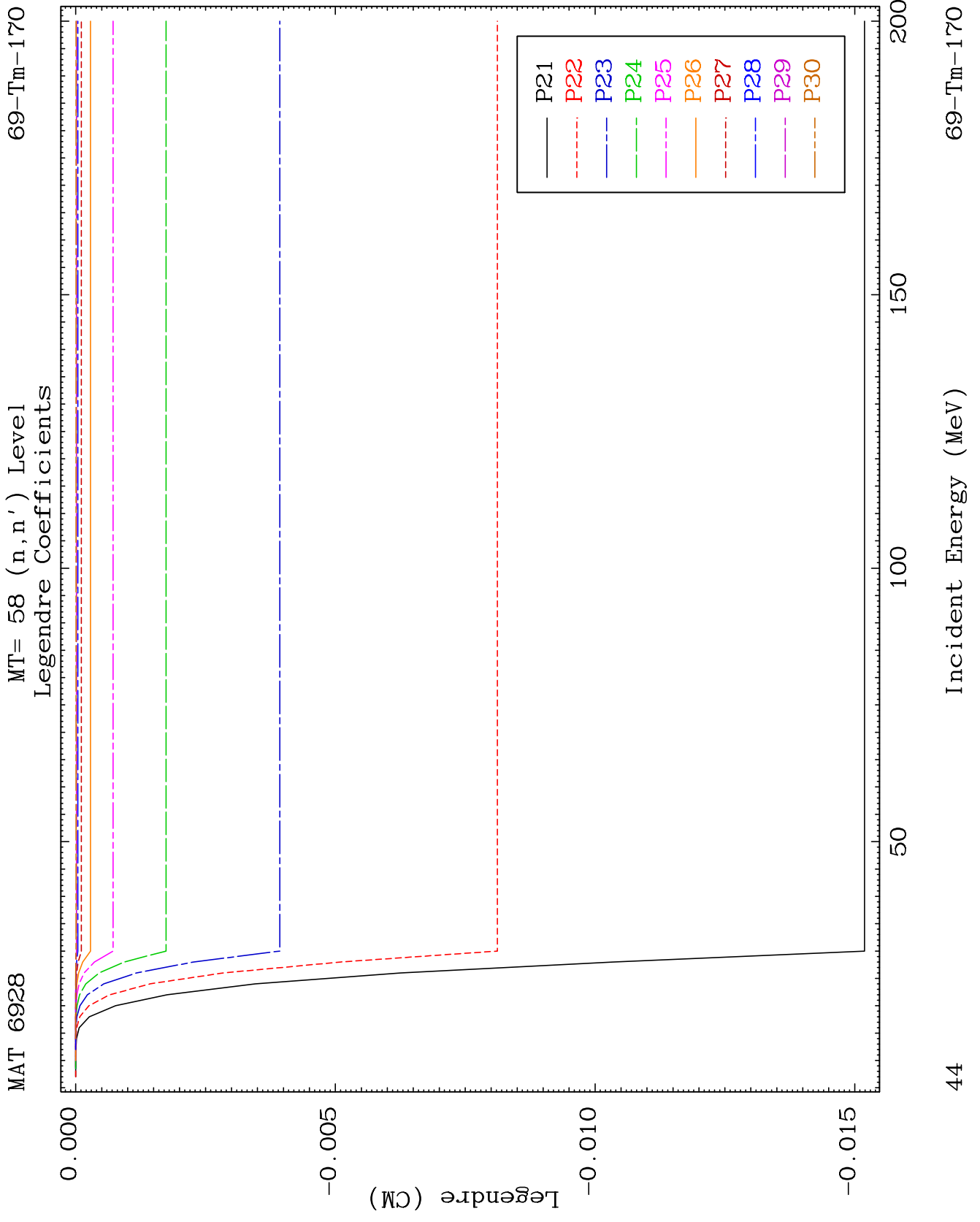
69-Tm-170

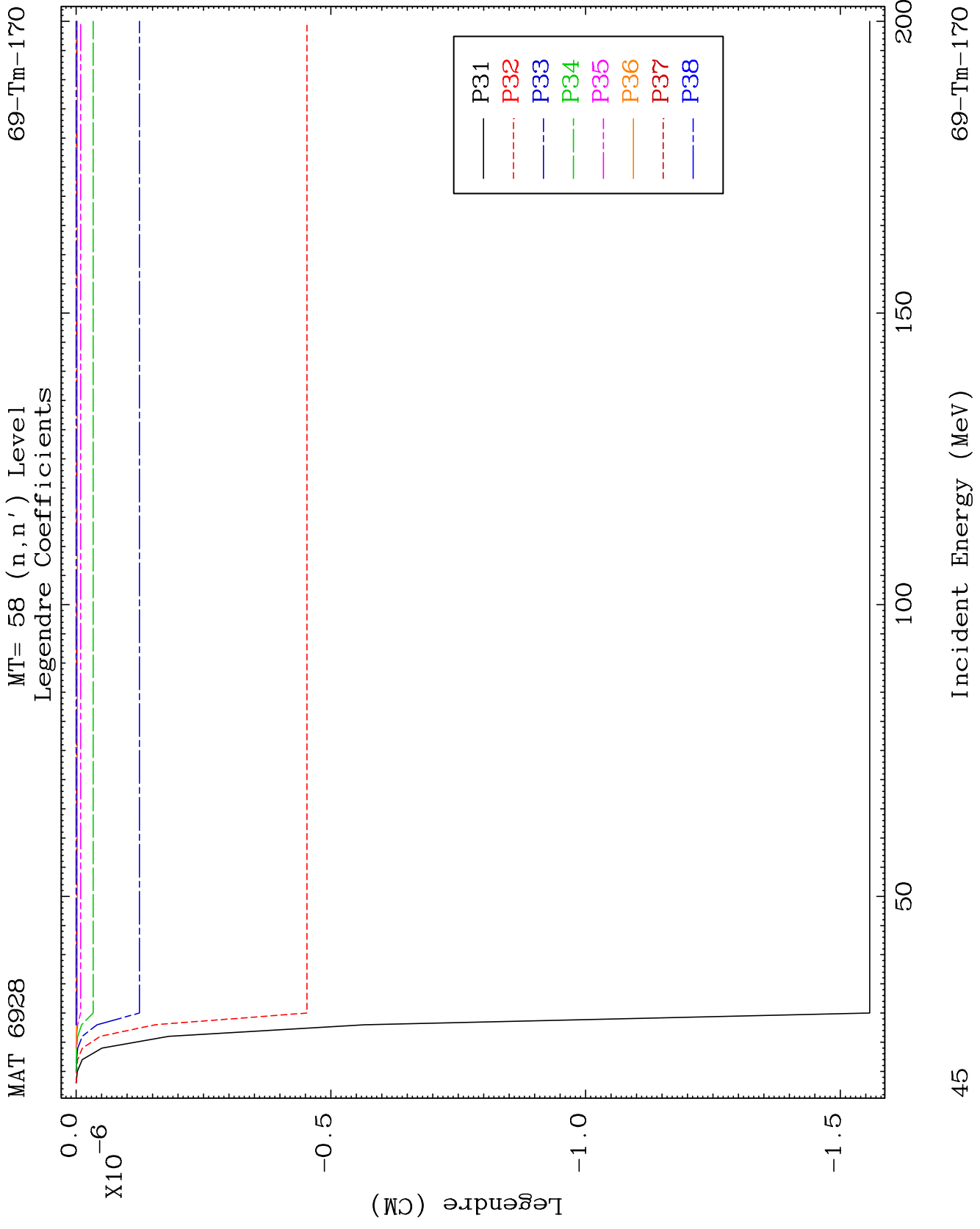


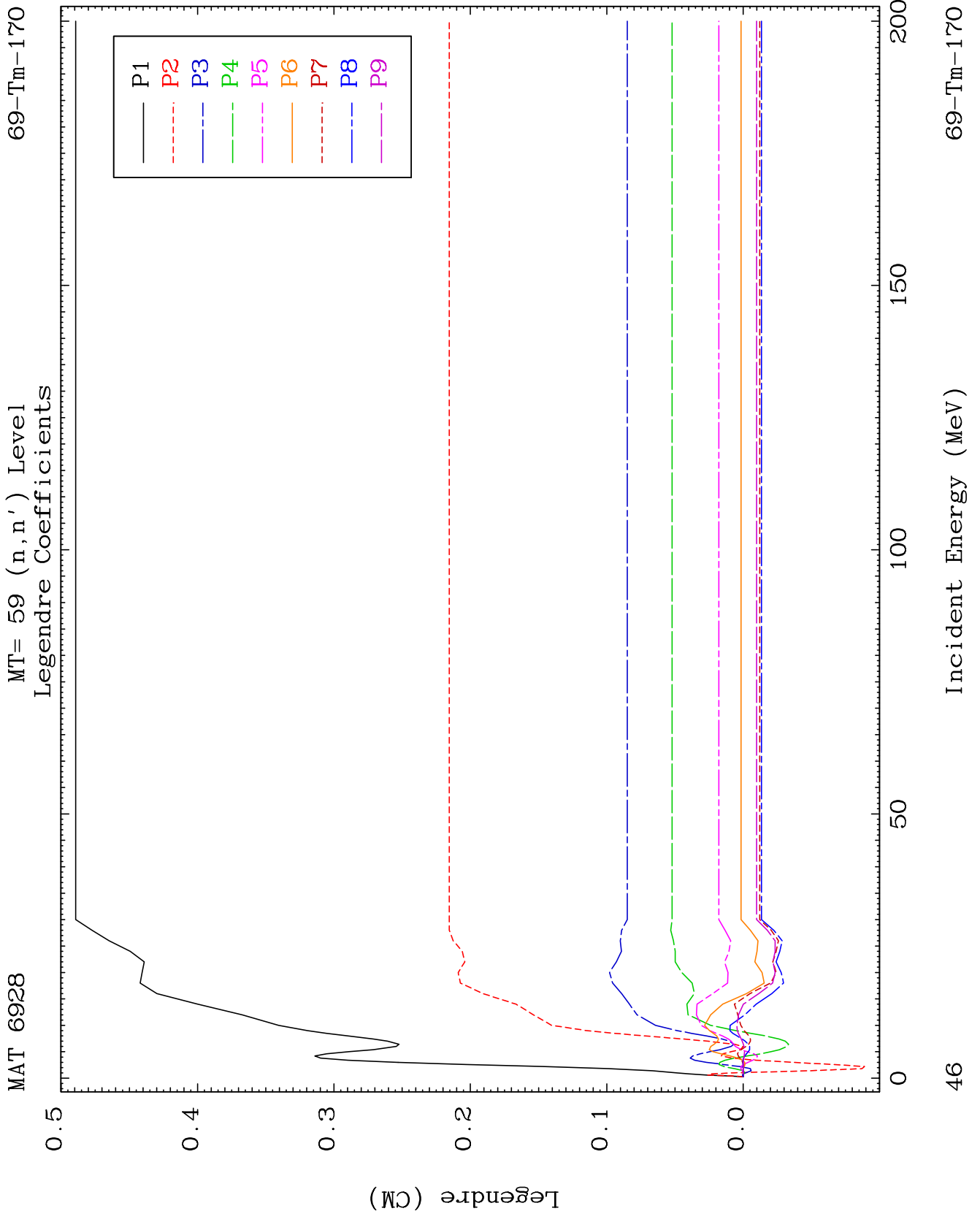
43

Incident Energy (MeV)

69-Tm-170



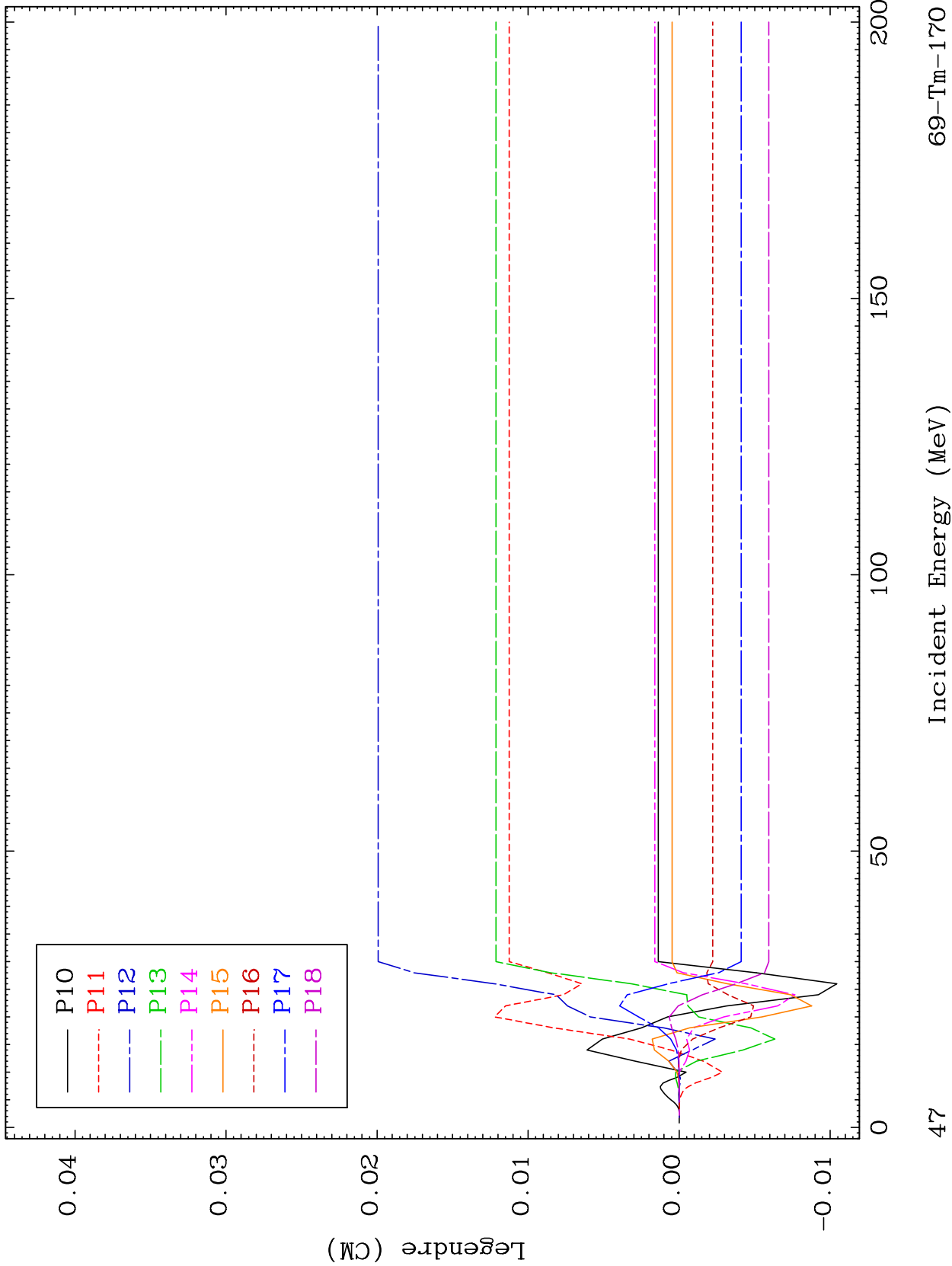




MAT 6928

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

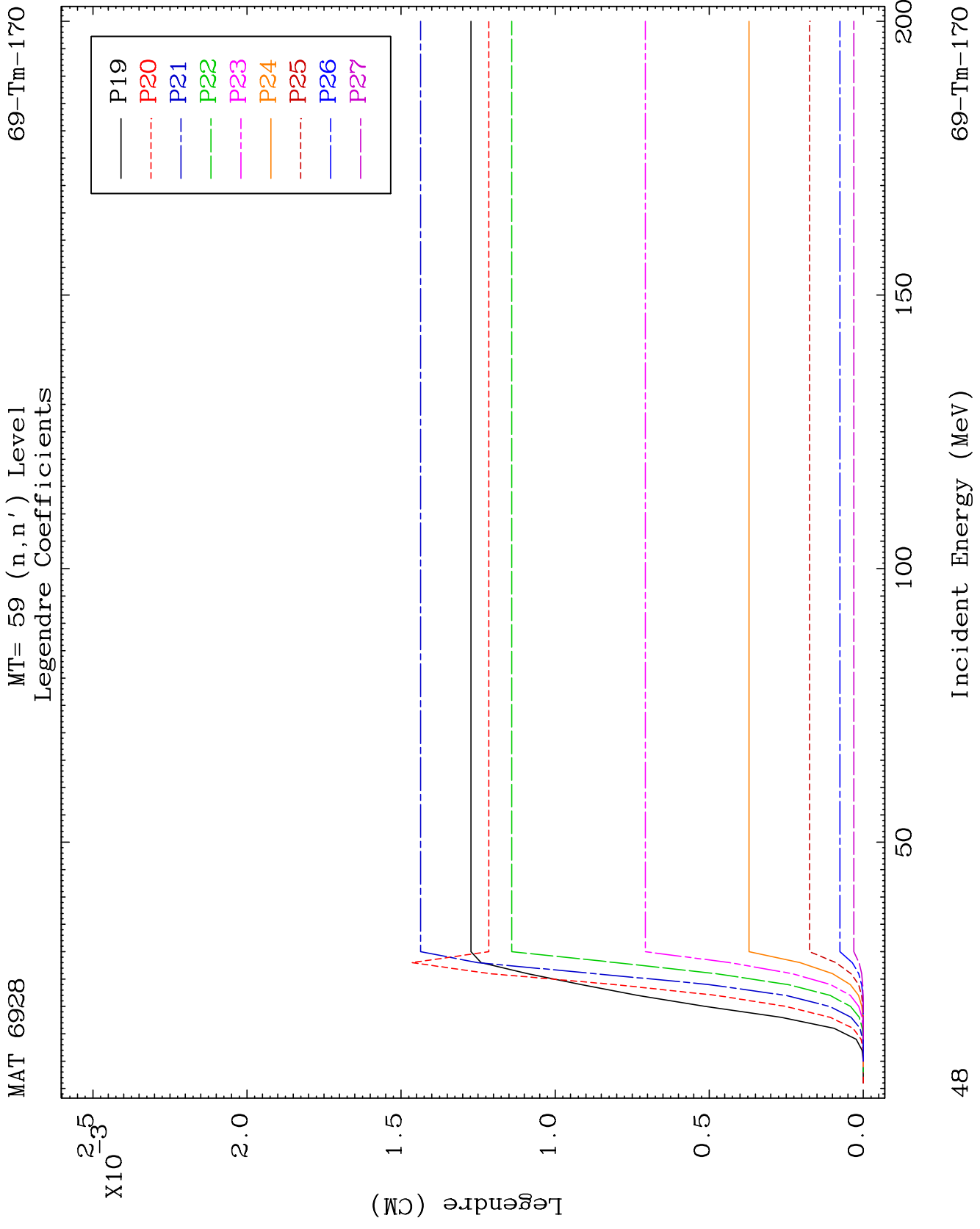
69-Tm-170



47

Incident Energy (MeV)

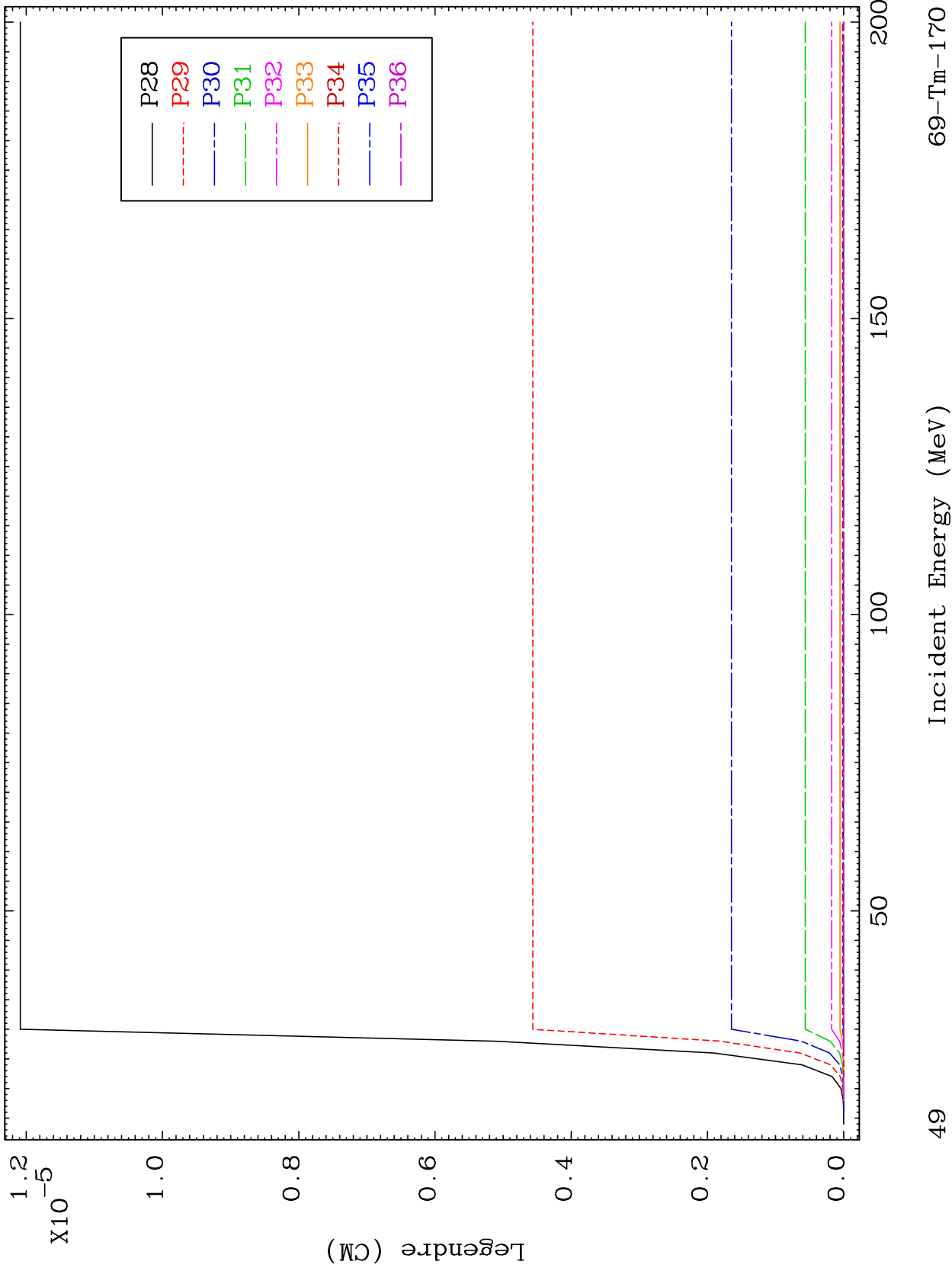
69-Tm-170



MAT 6928

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

69-Tm-170



49

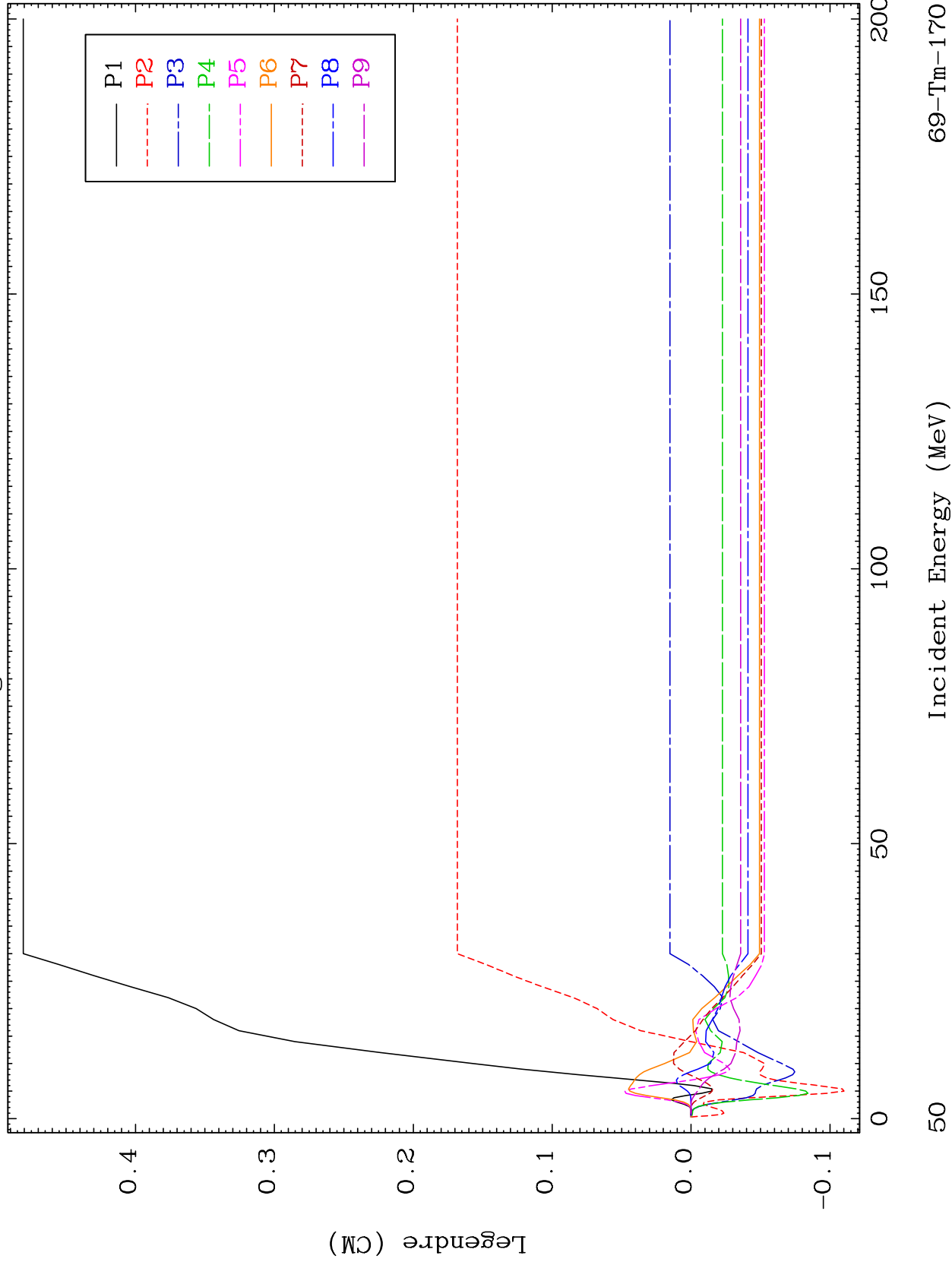
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

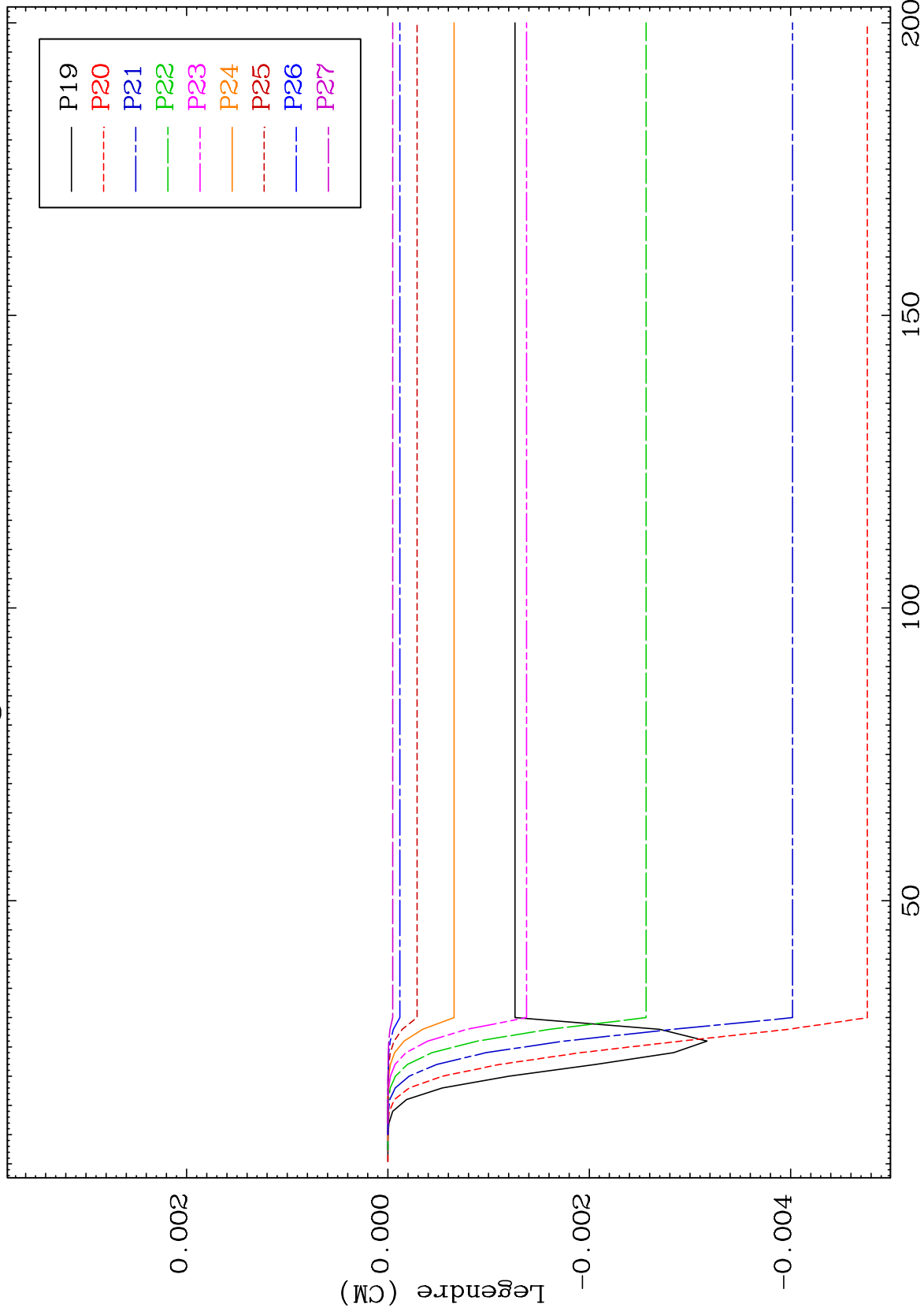
69-Tm-170



MAT 6928

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

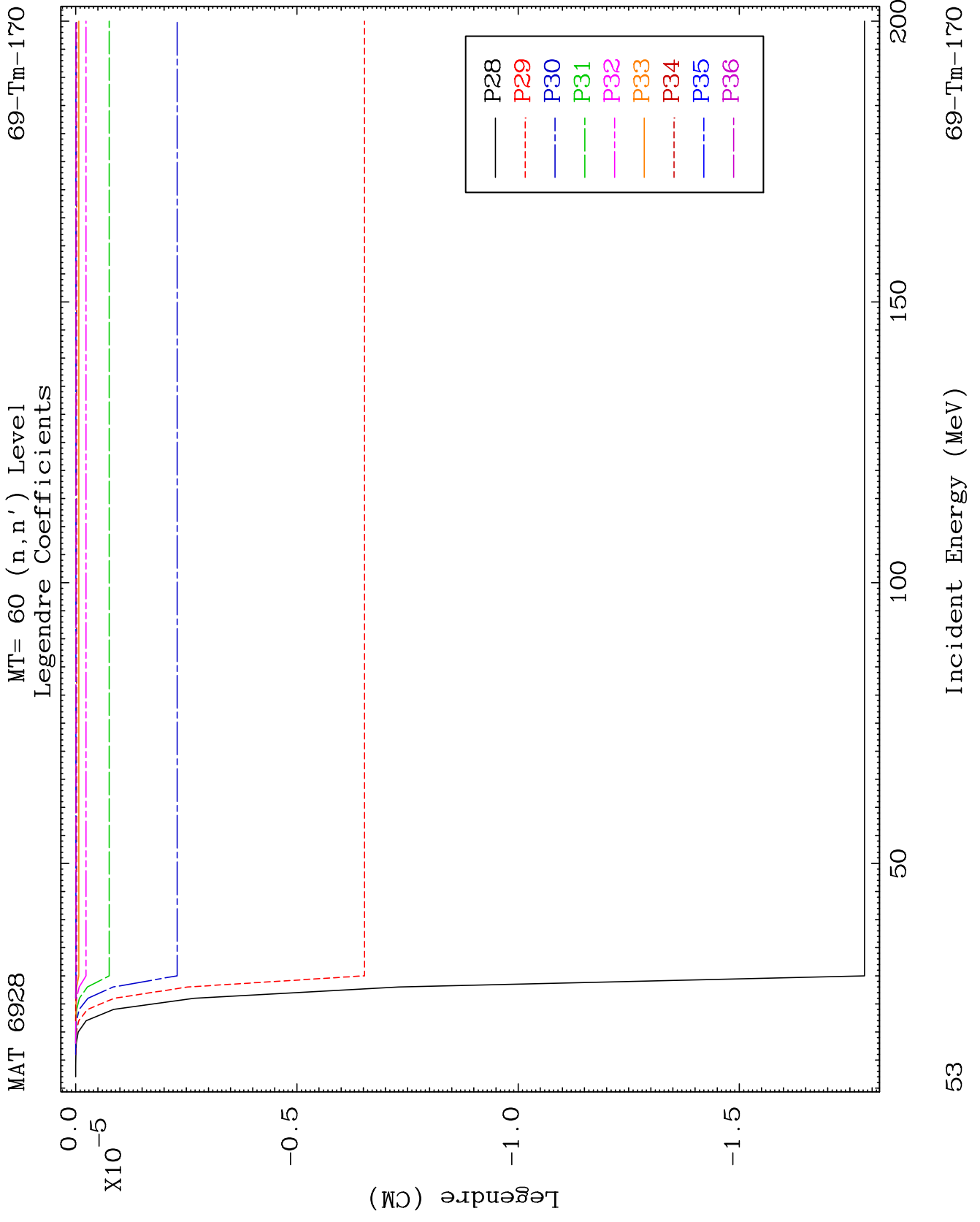
69-Tm-170



52

Incident Energy (MeV)

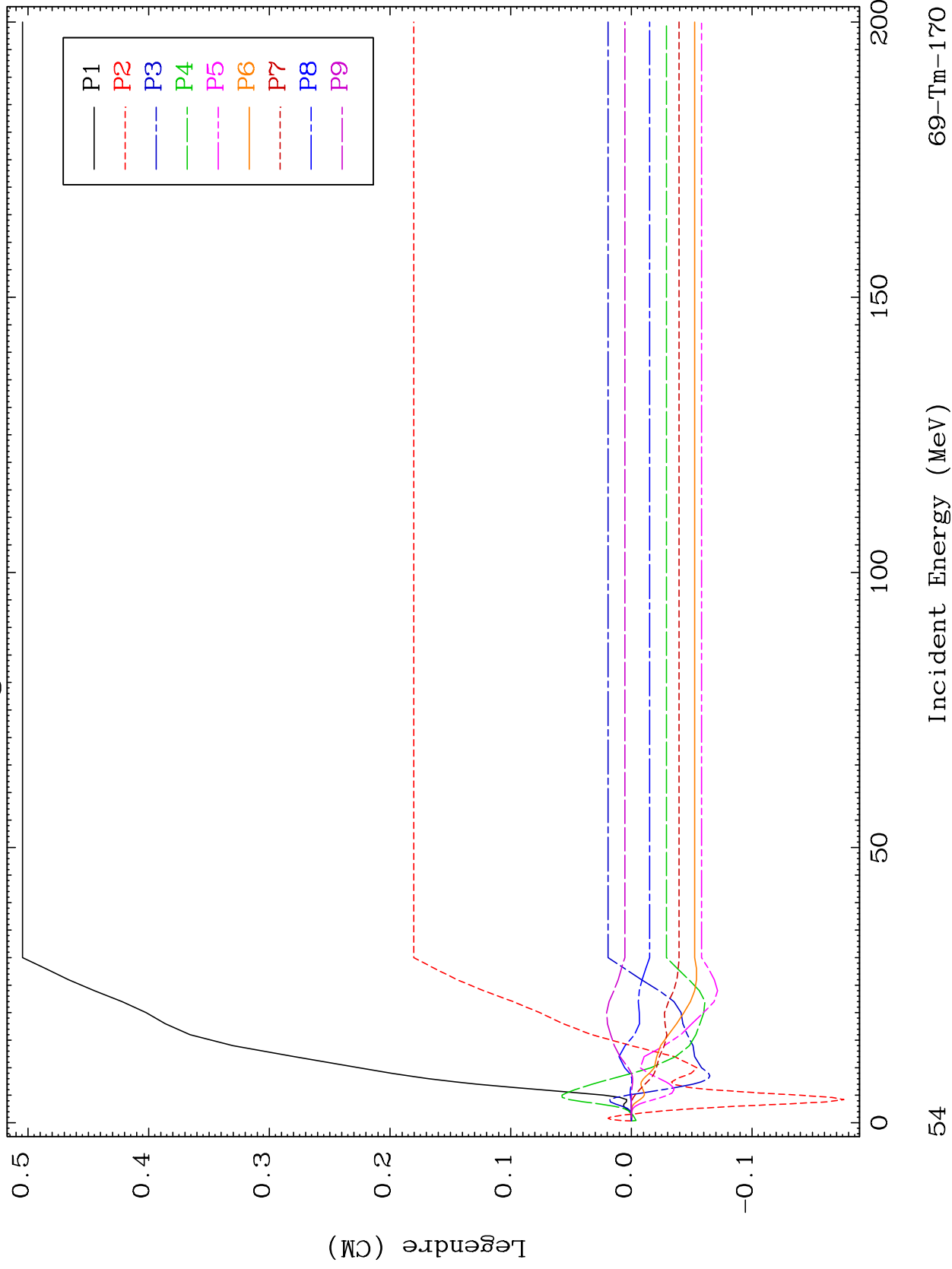
69-Tm-170



MAT 6928

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

69-Tm-170



54

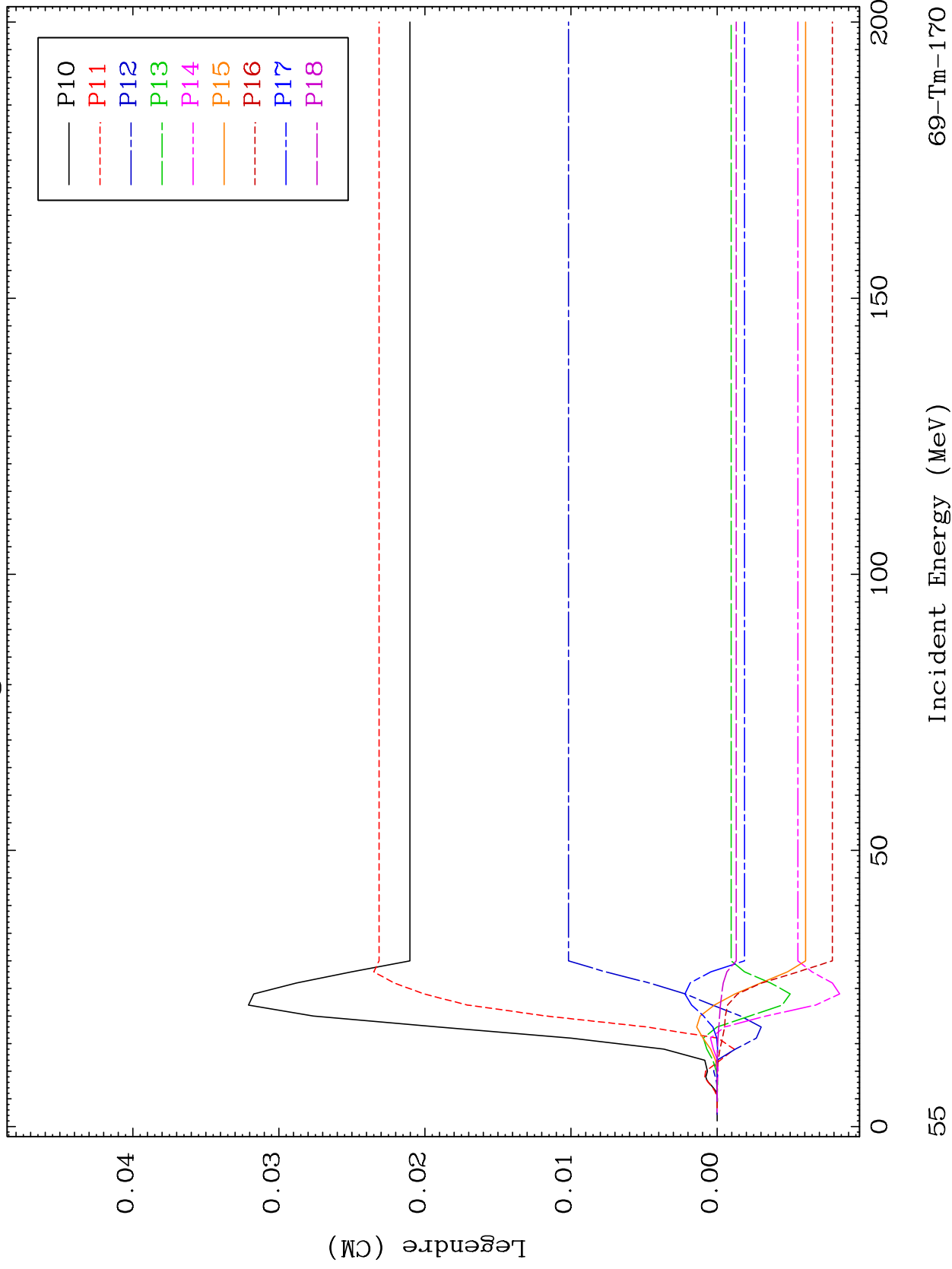
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



55

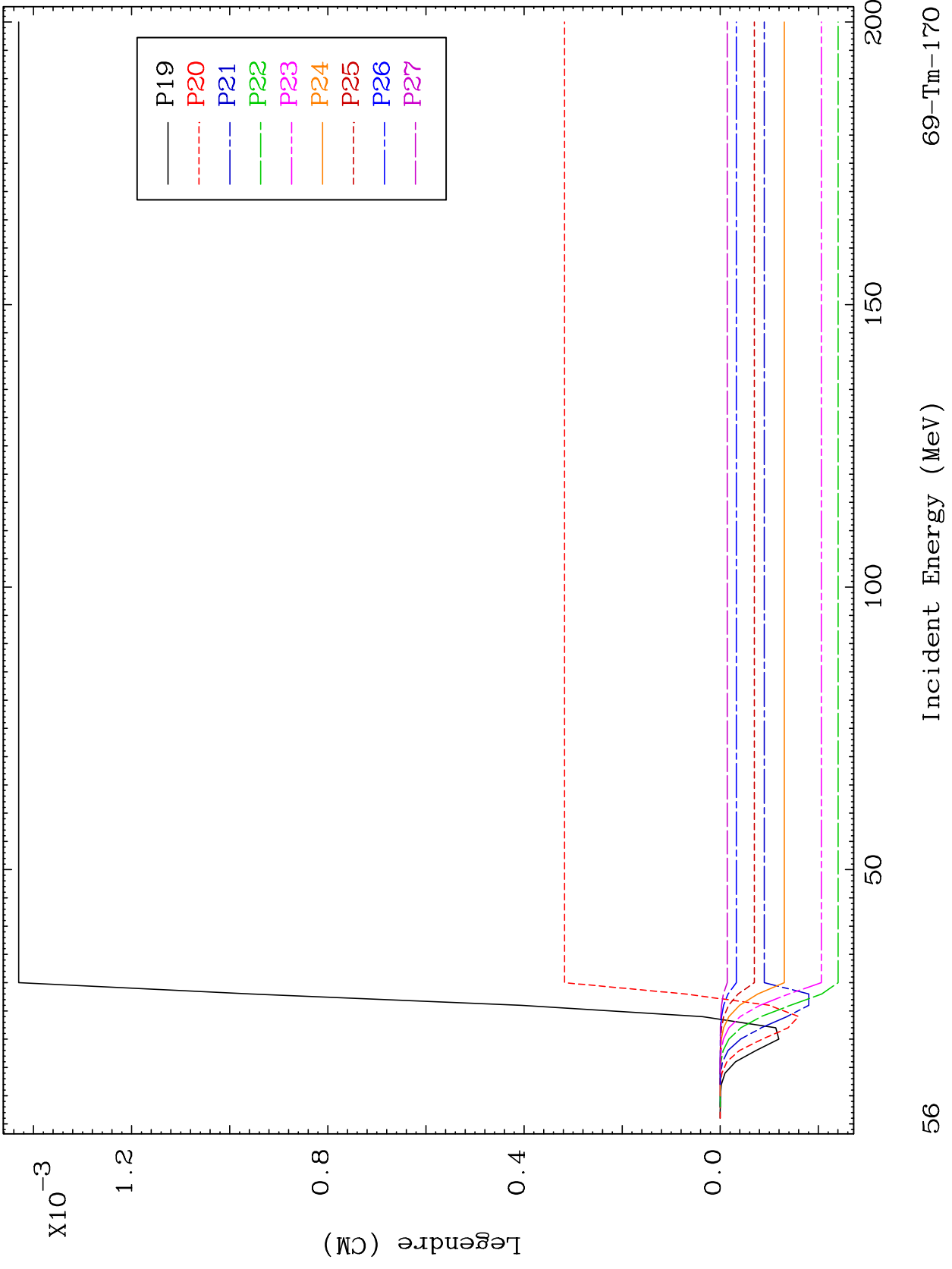
Incident Energy (MeV)

69-Tm-170

MAT 6928

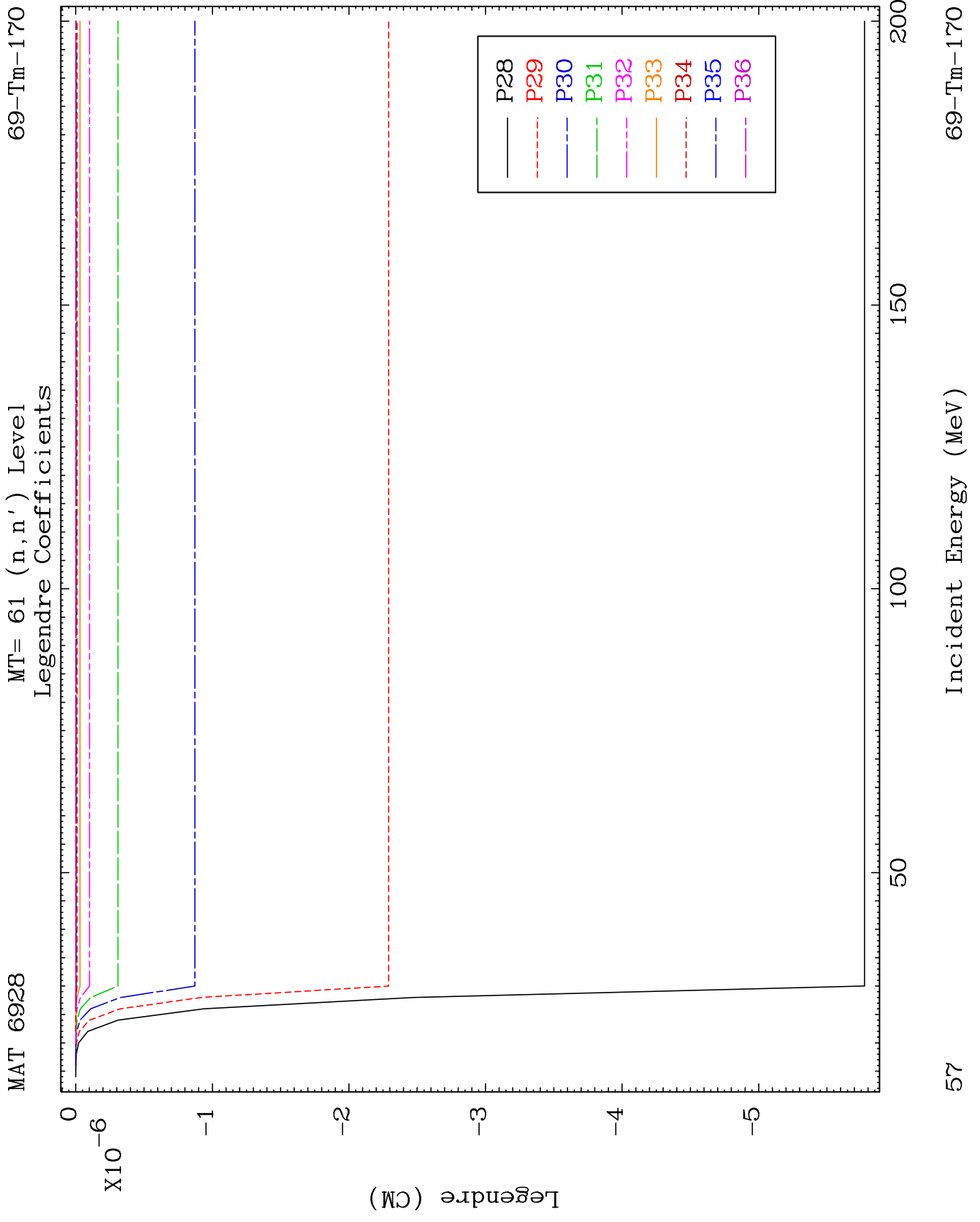
MT= 61 (n,n') Level
Legendre Coefficients

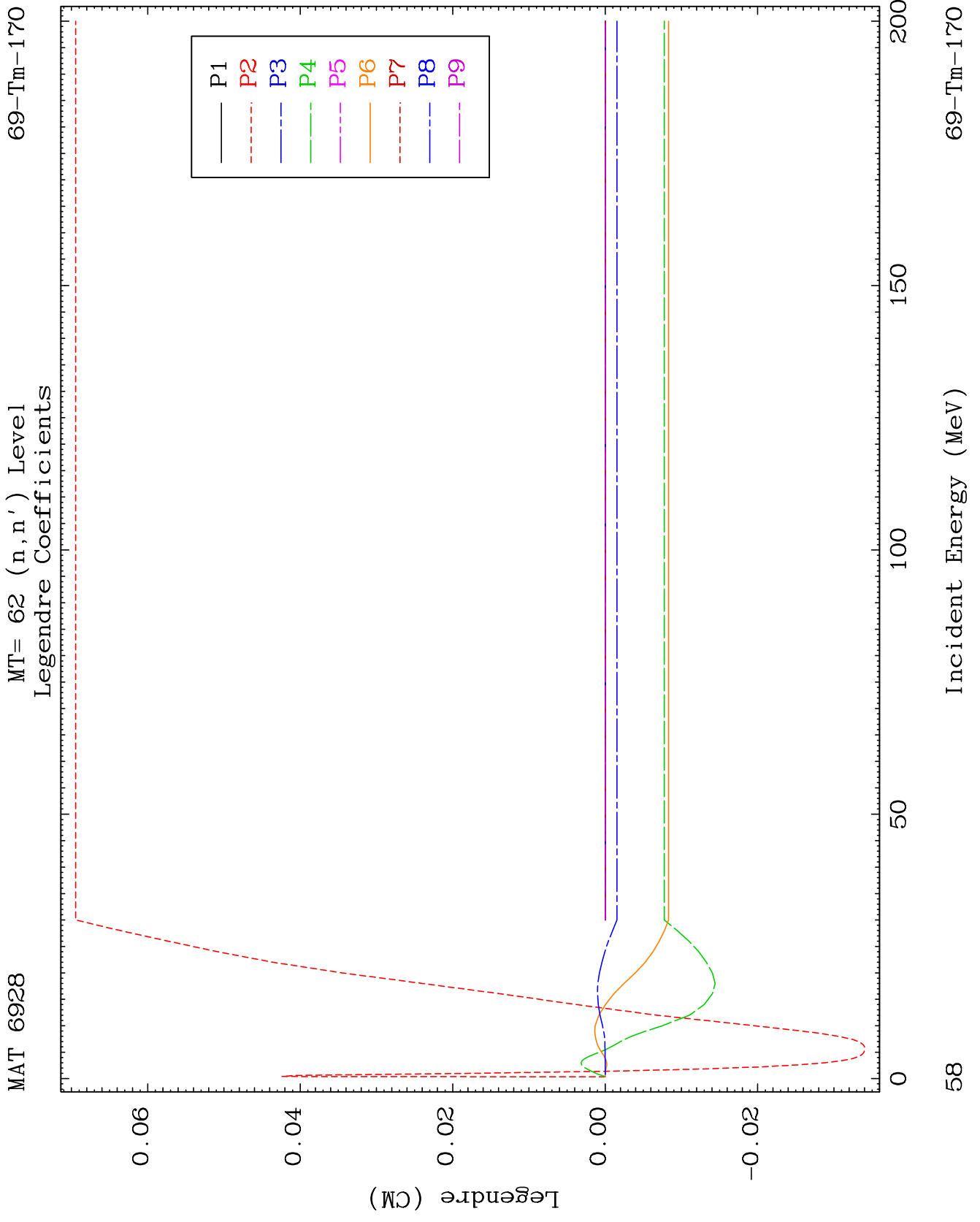
69-Tm-170



56

69-Tm-170

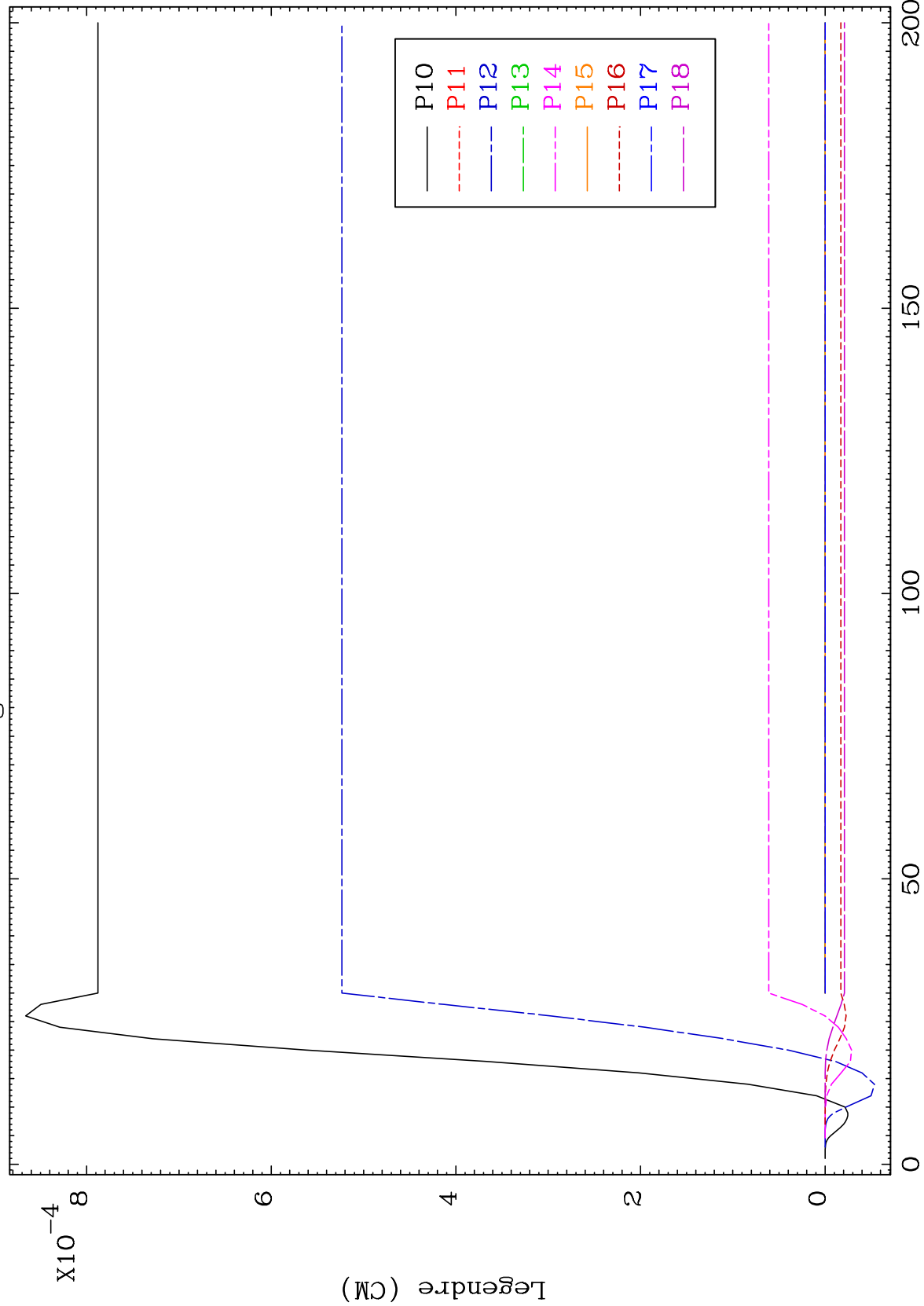




MAT 6928

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

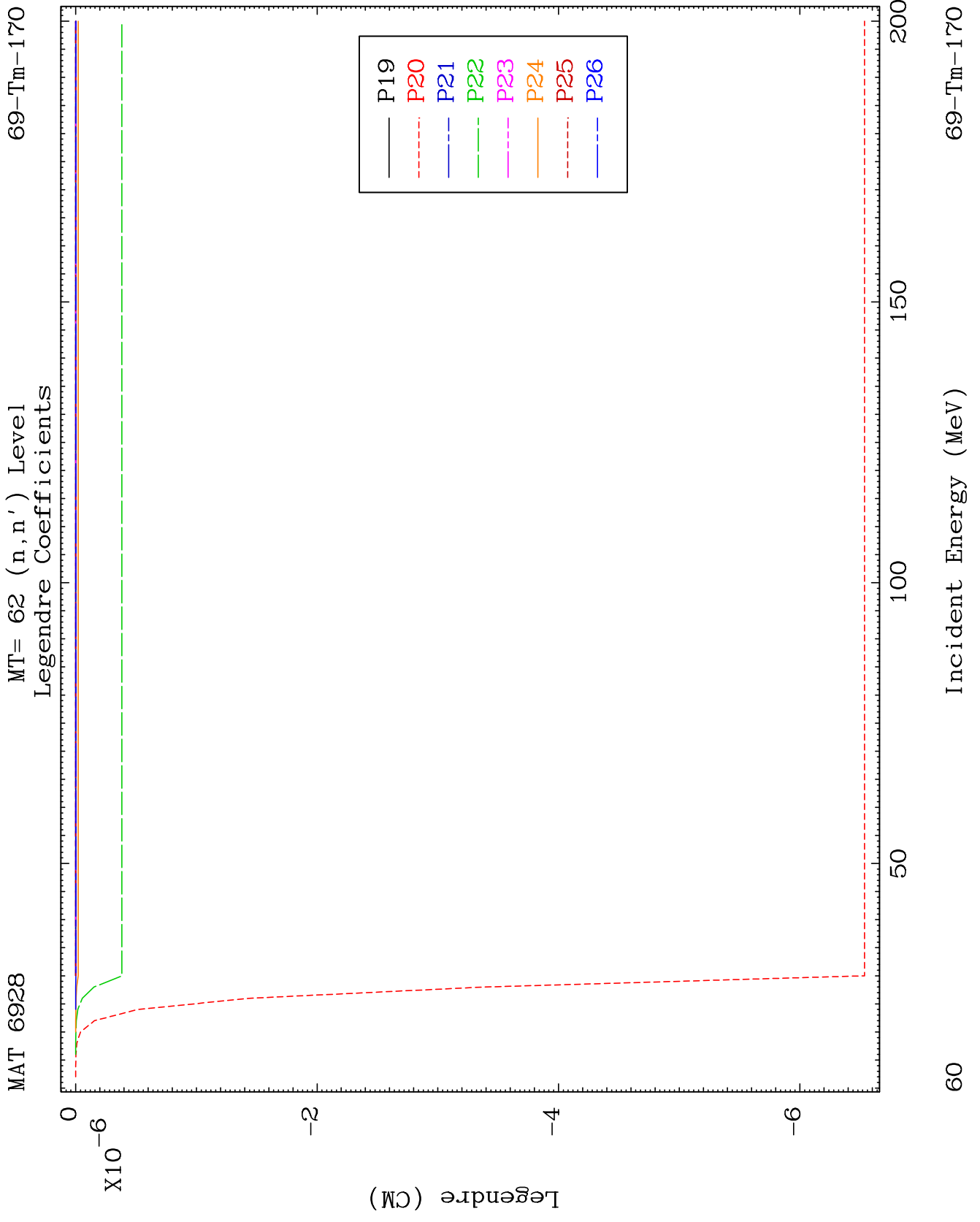
69-Tm-170



59

Incident Energy (MeV)

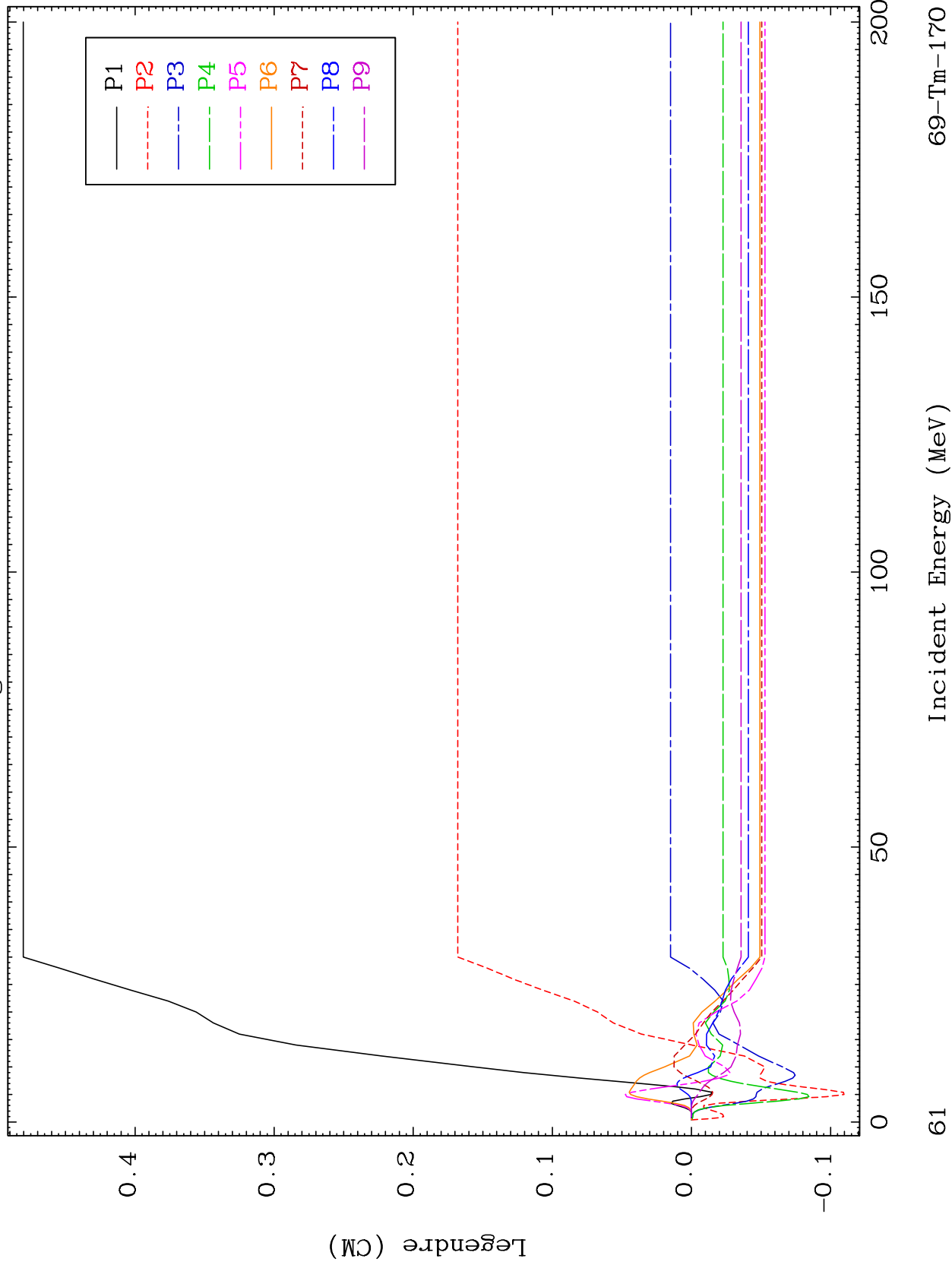
69-Tm-170



MAT 6928

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

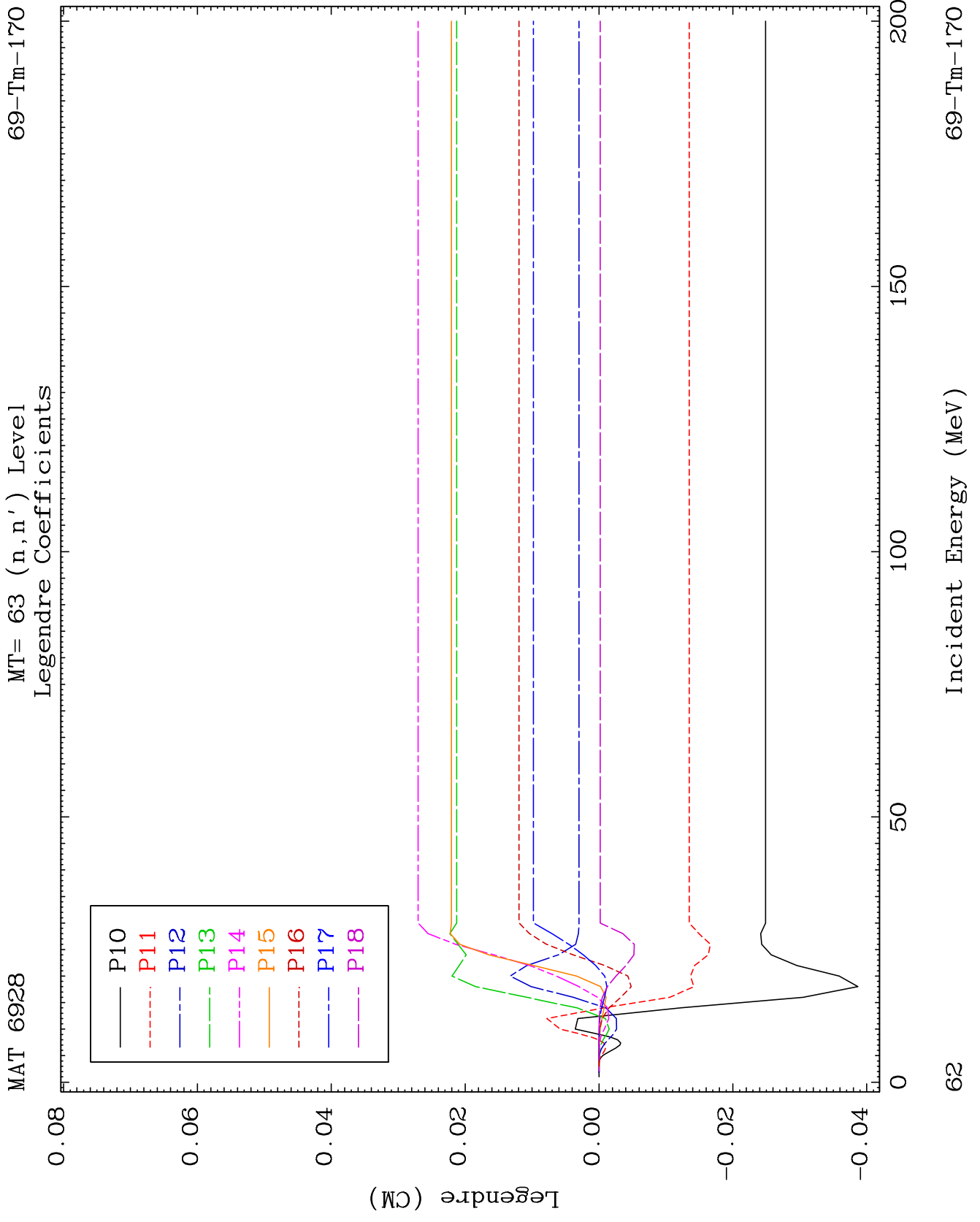
69-Tm-170



69-Tm-170

Incident Energy (MeV)

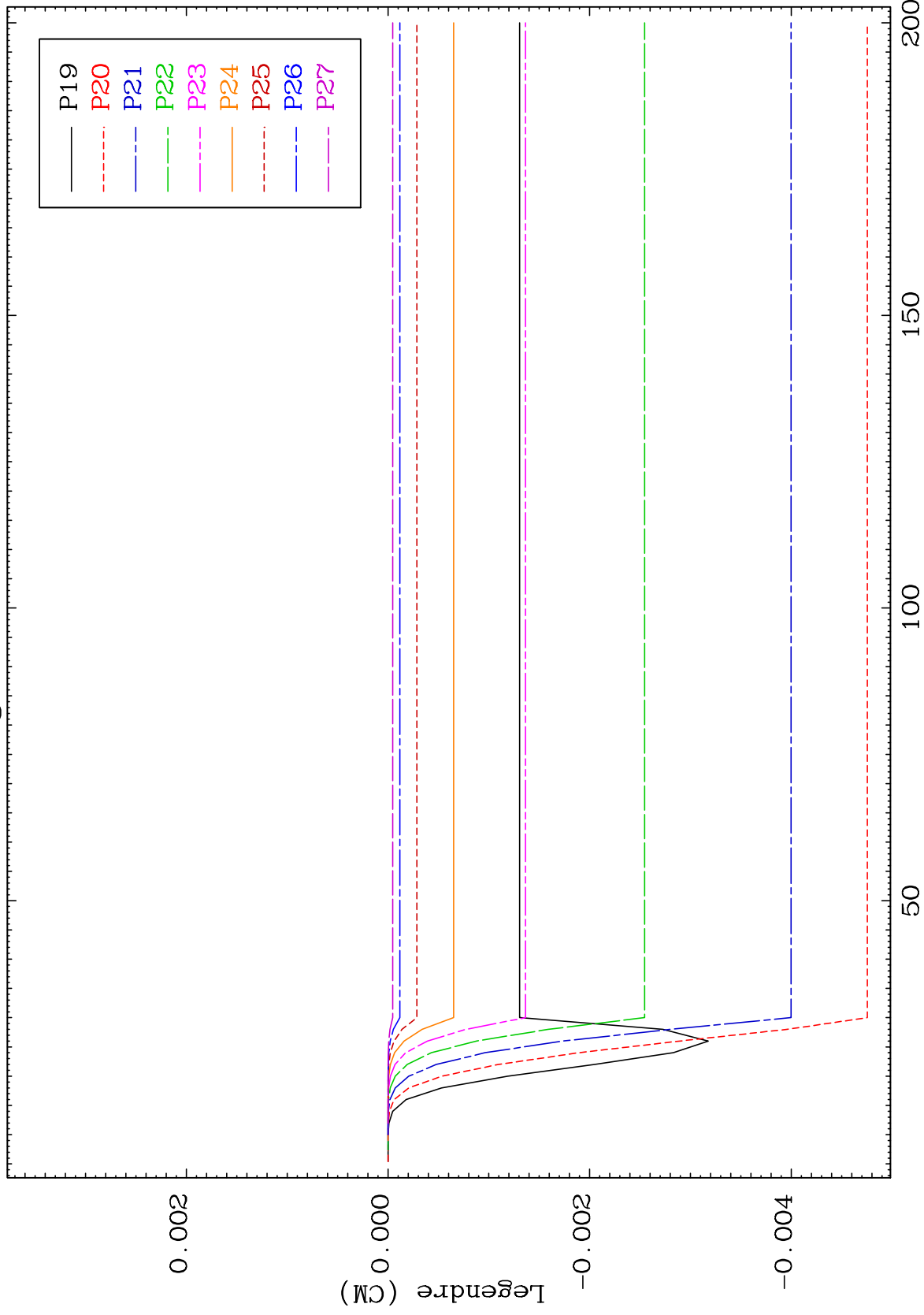
61



MAT 6928

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

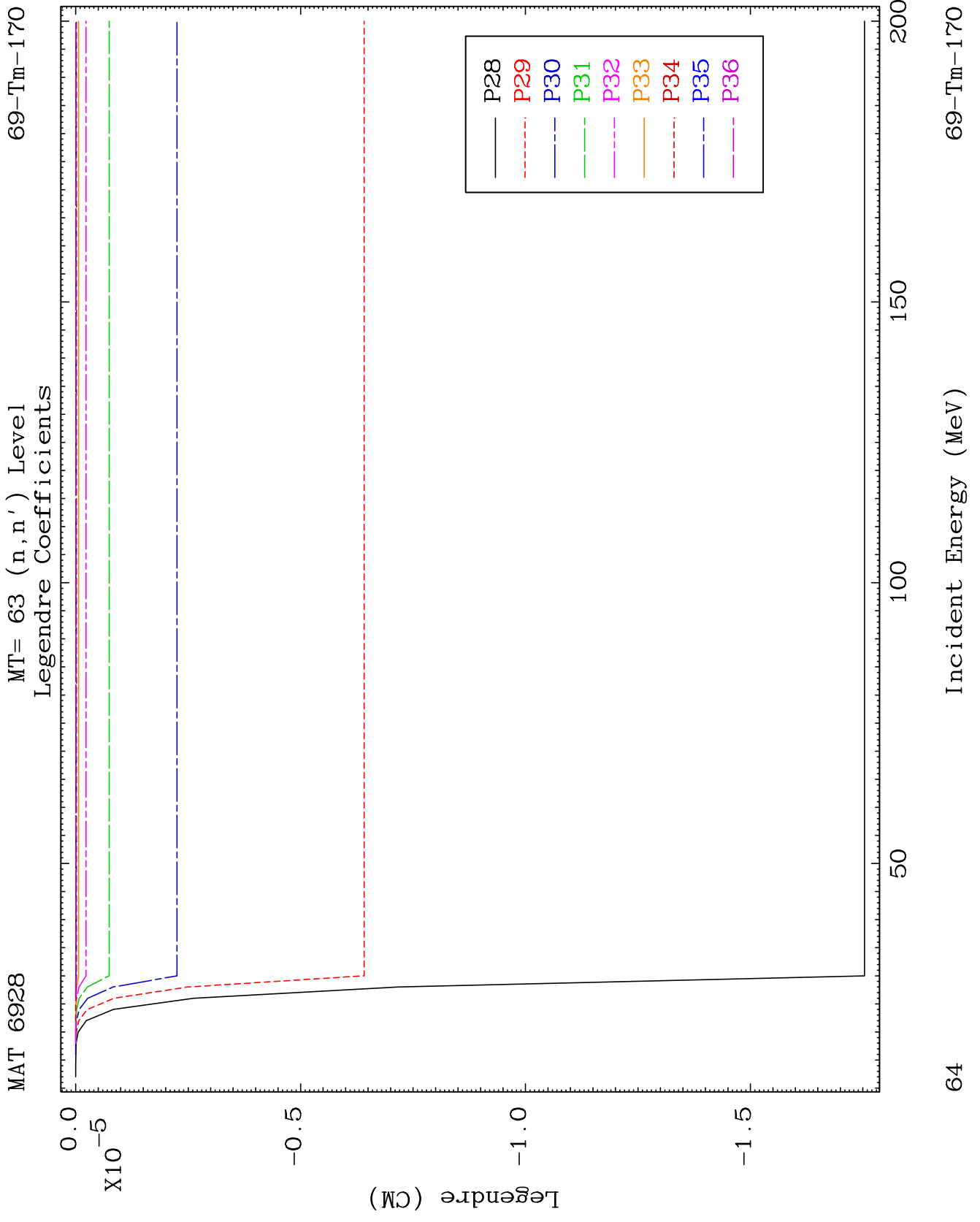
69-Tm-170



63

Incident Energy (MeV)

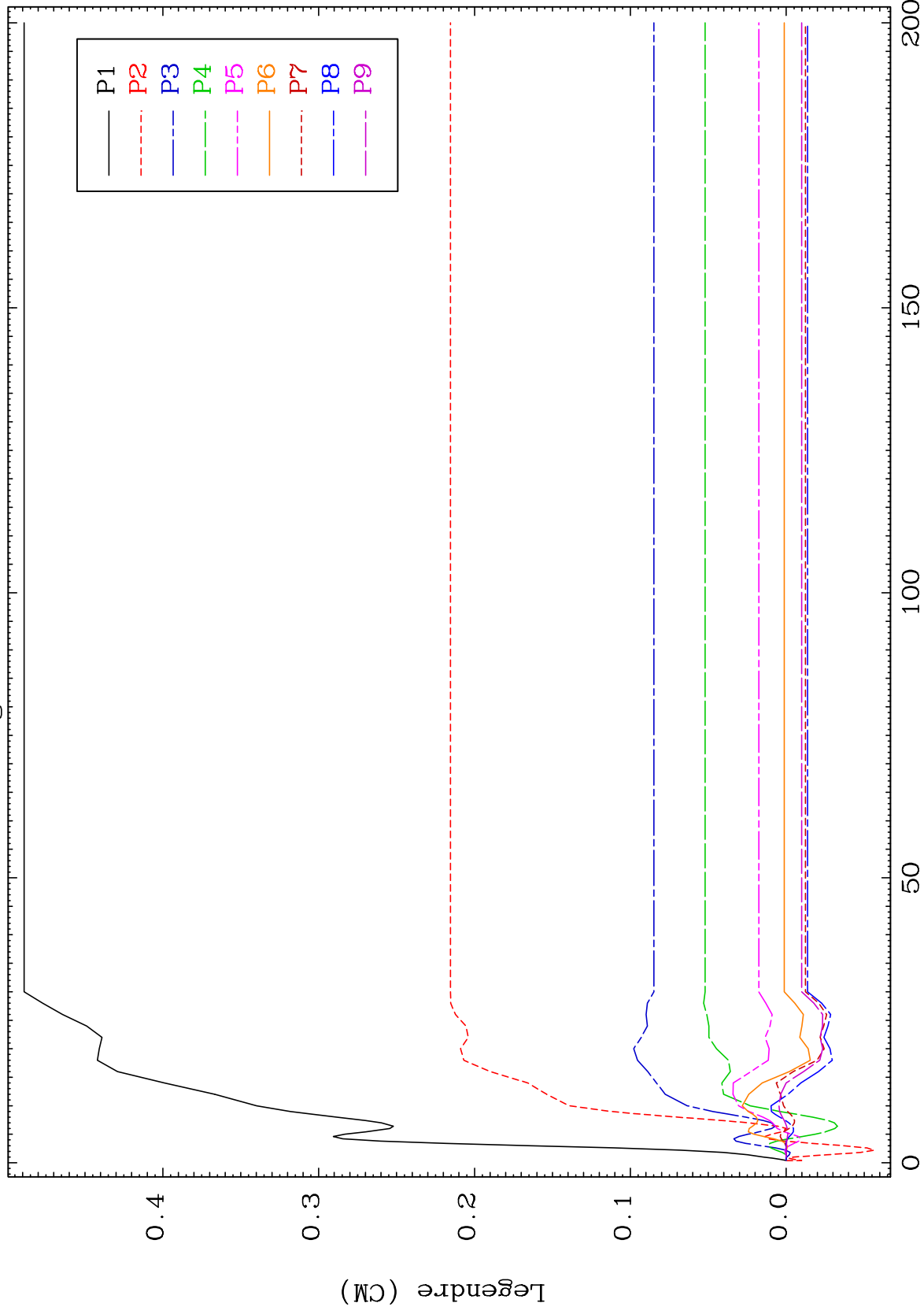
69-Tm-170



MAT 6928

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

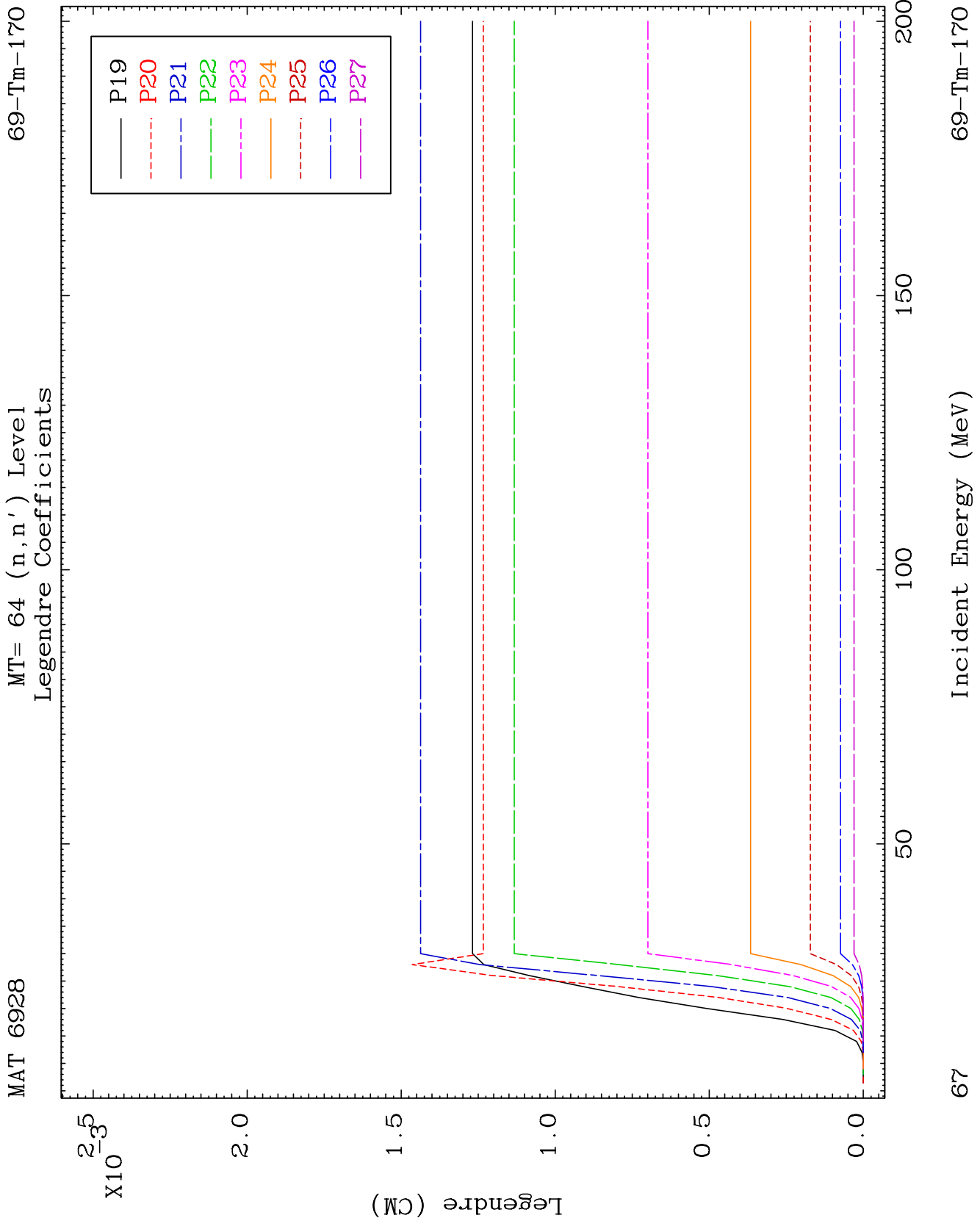
69-Tm-170

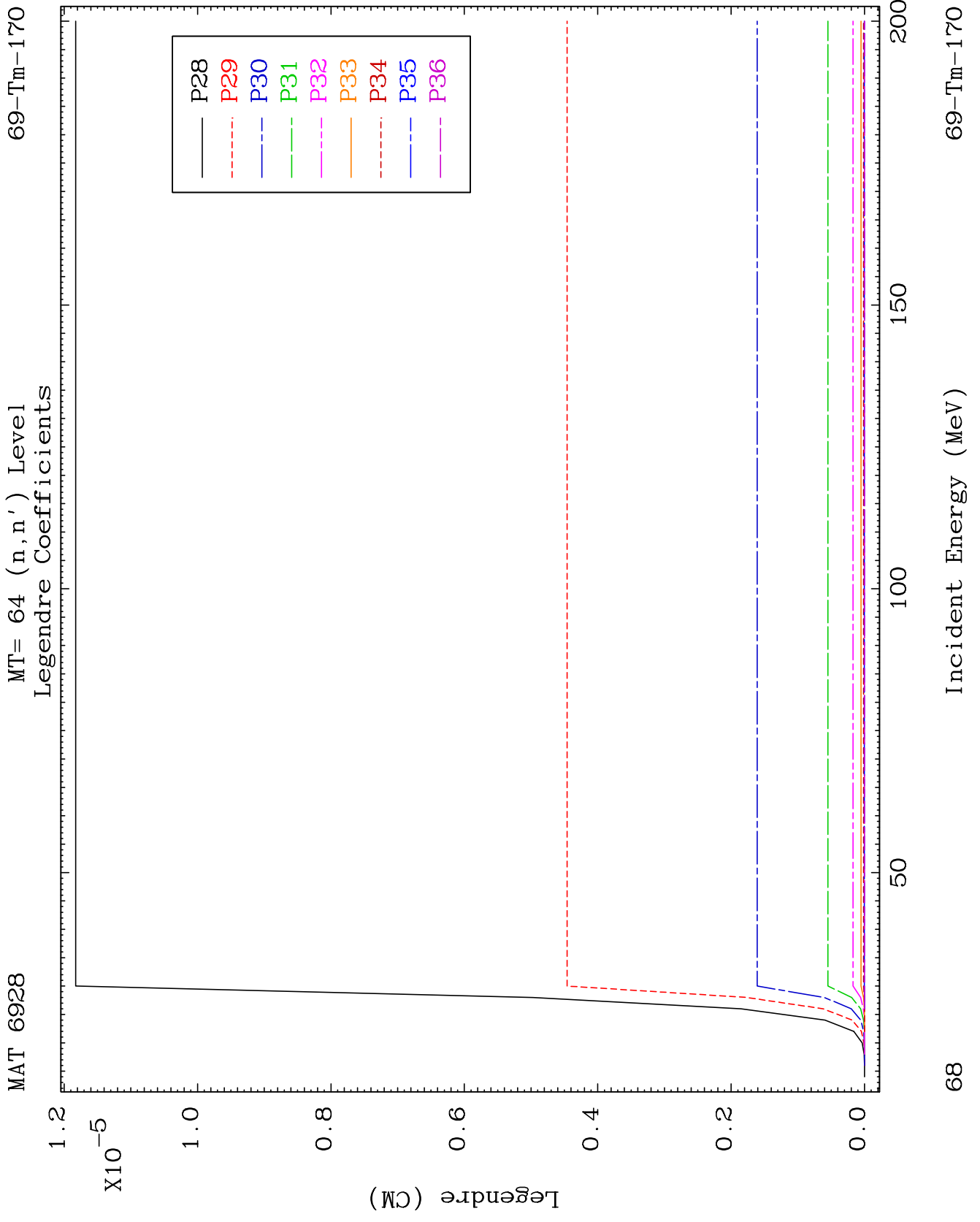


65

Incident Energy (MeV)

69-Tm-170

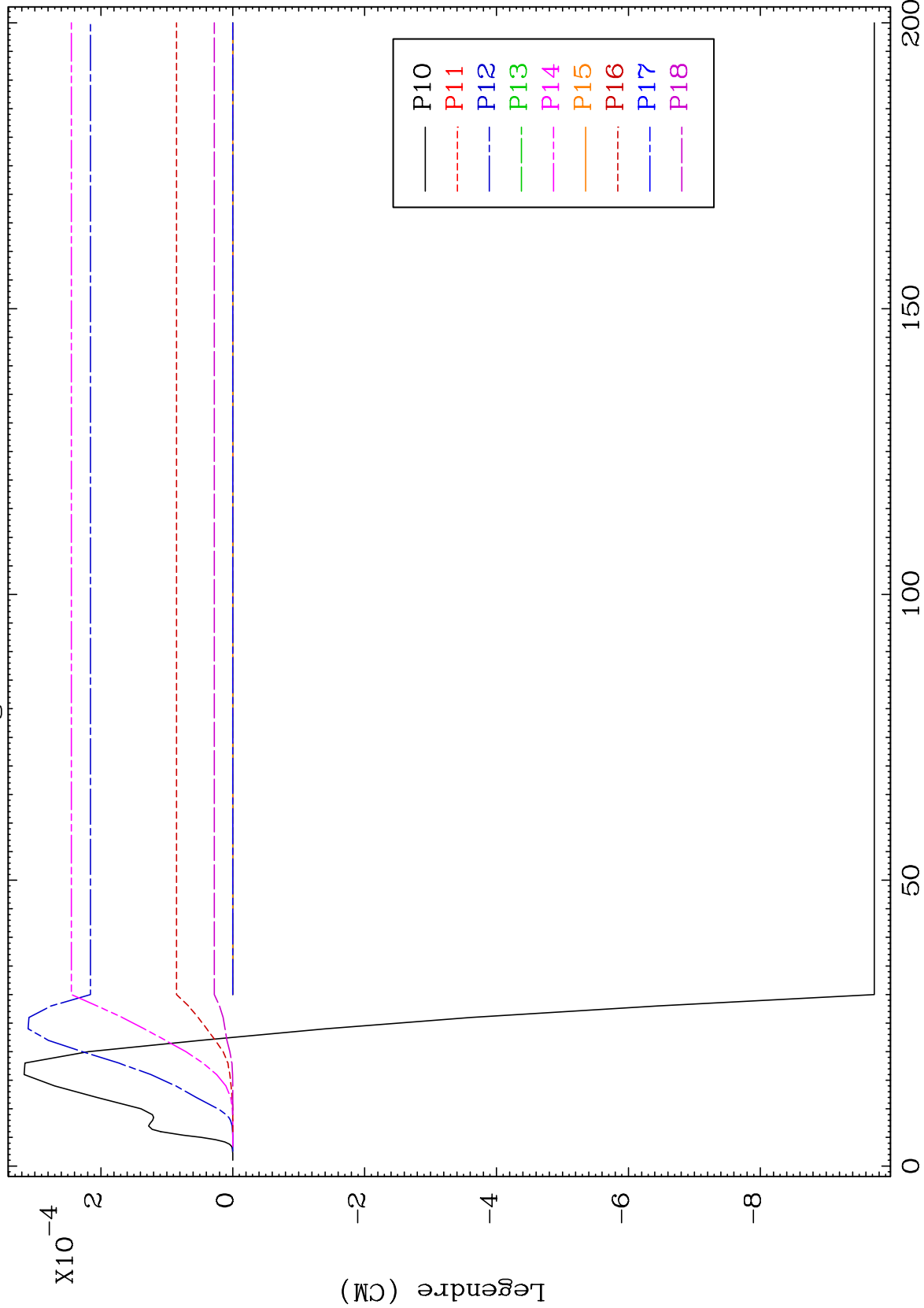




MAT 6928

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

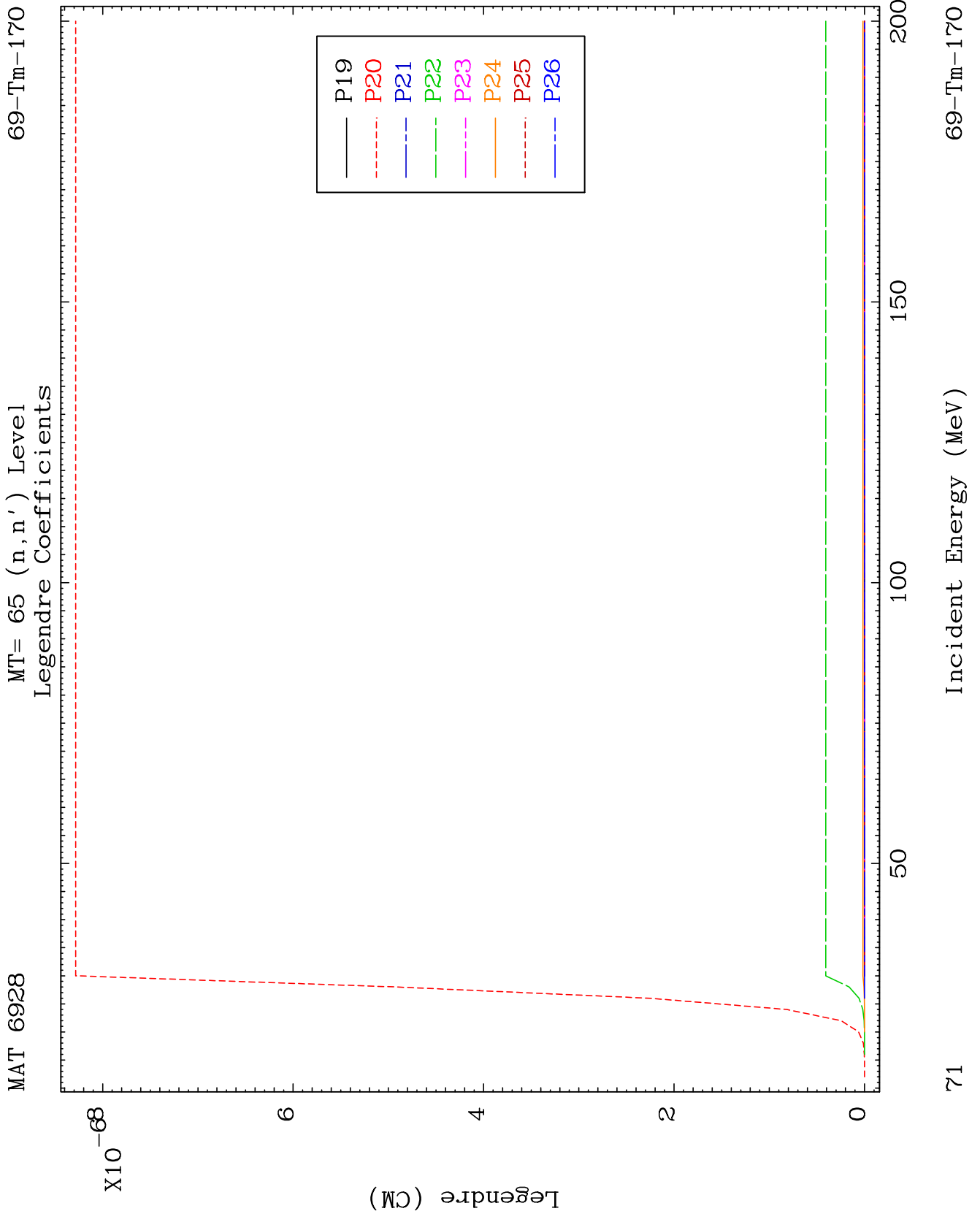
69-Tm-170



70

Incident Energy (MeV)

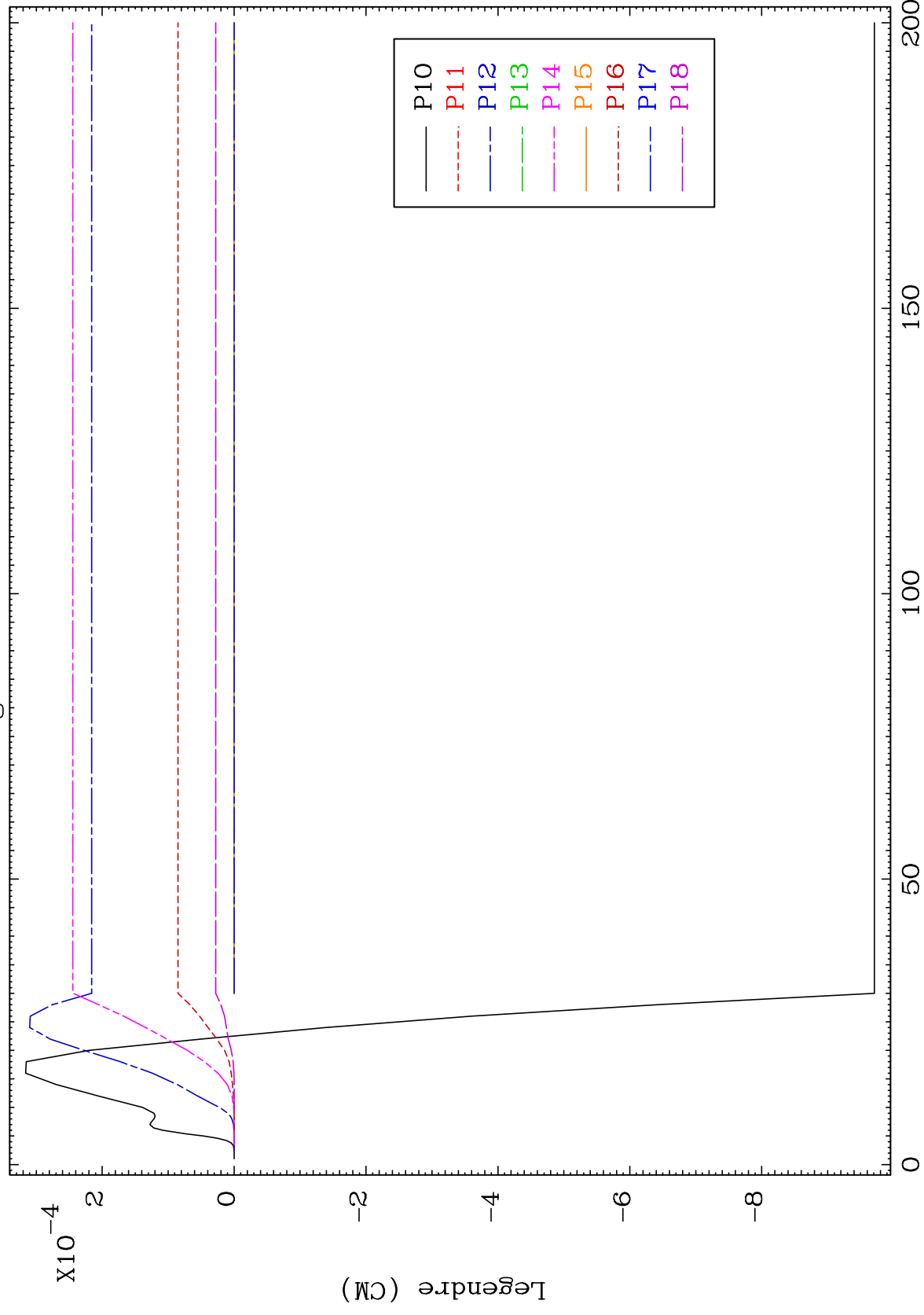
69-Tm-170



MAT 6928

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

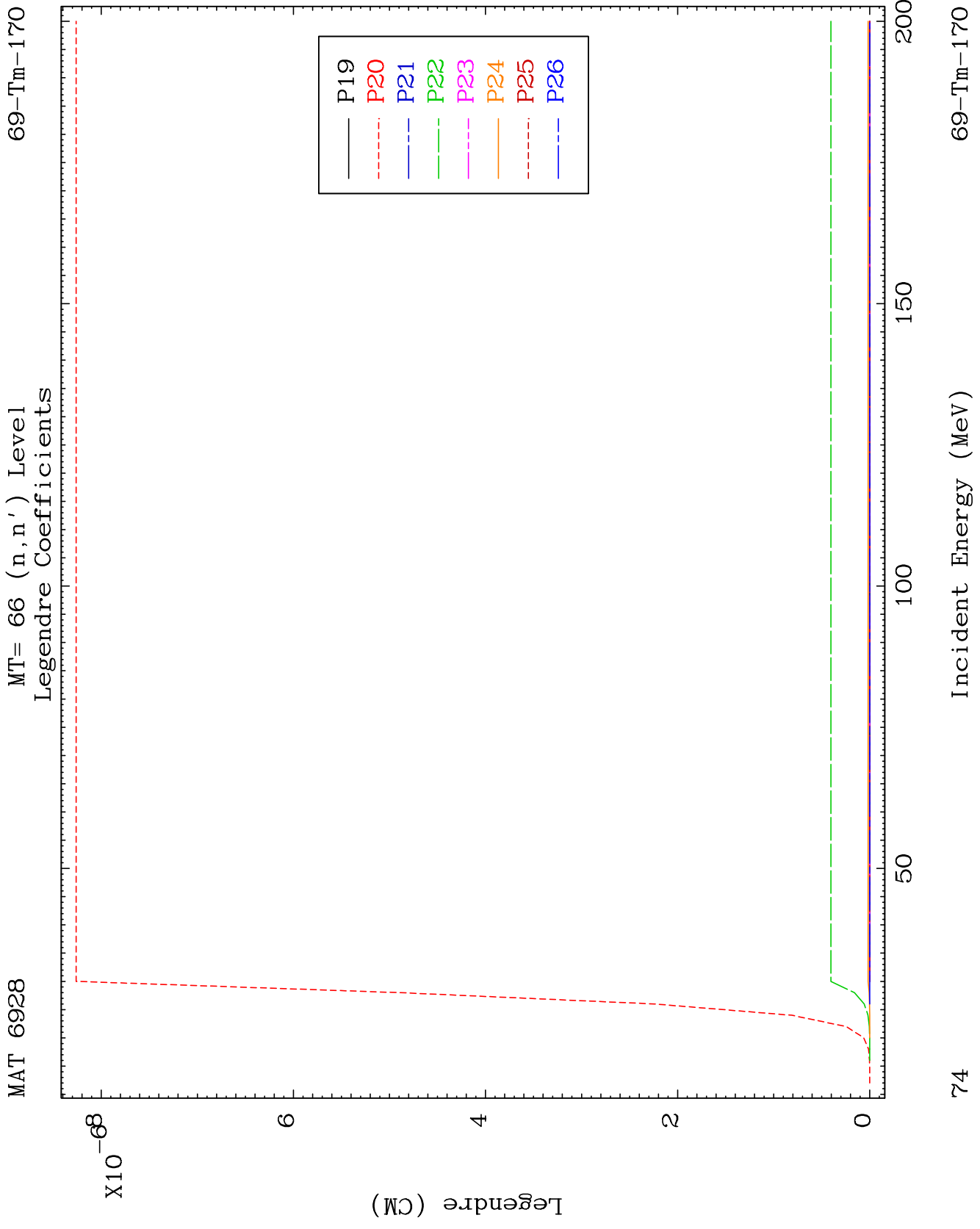
69-Tm-170

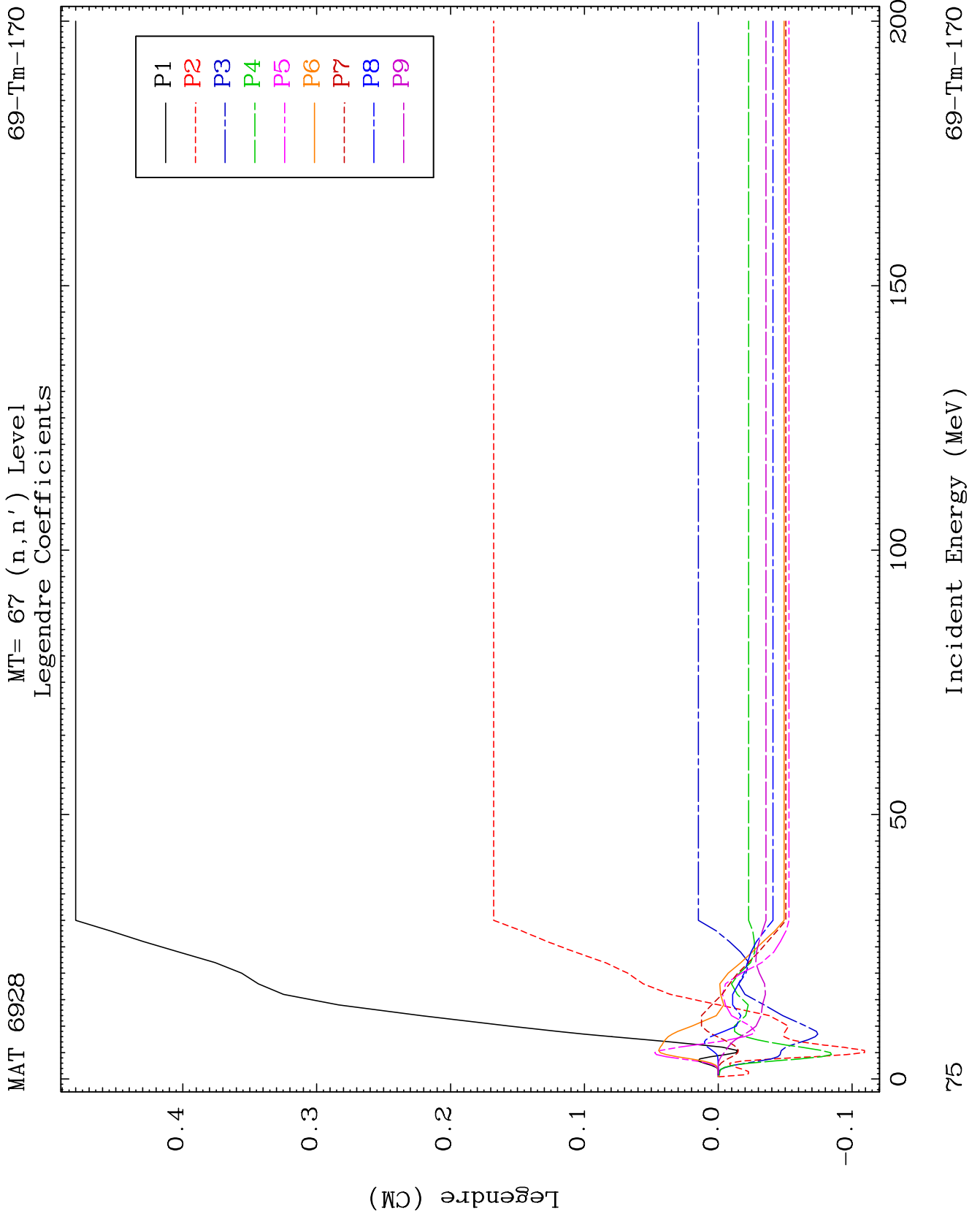


73

Incident Energy (MeV)

69-Tm-170

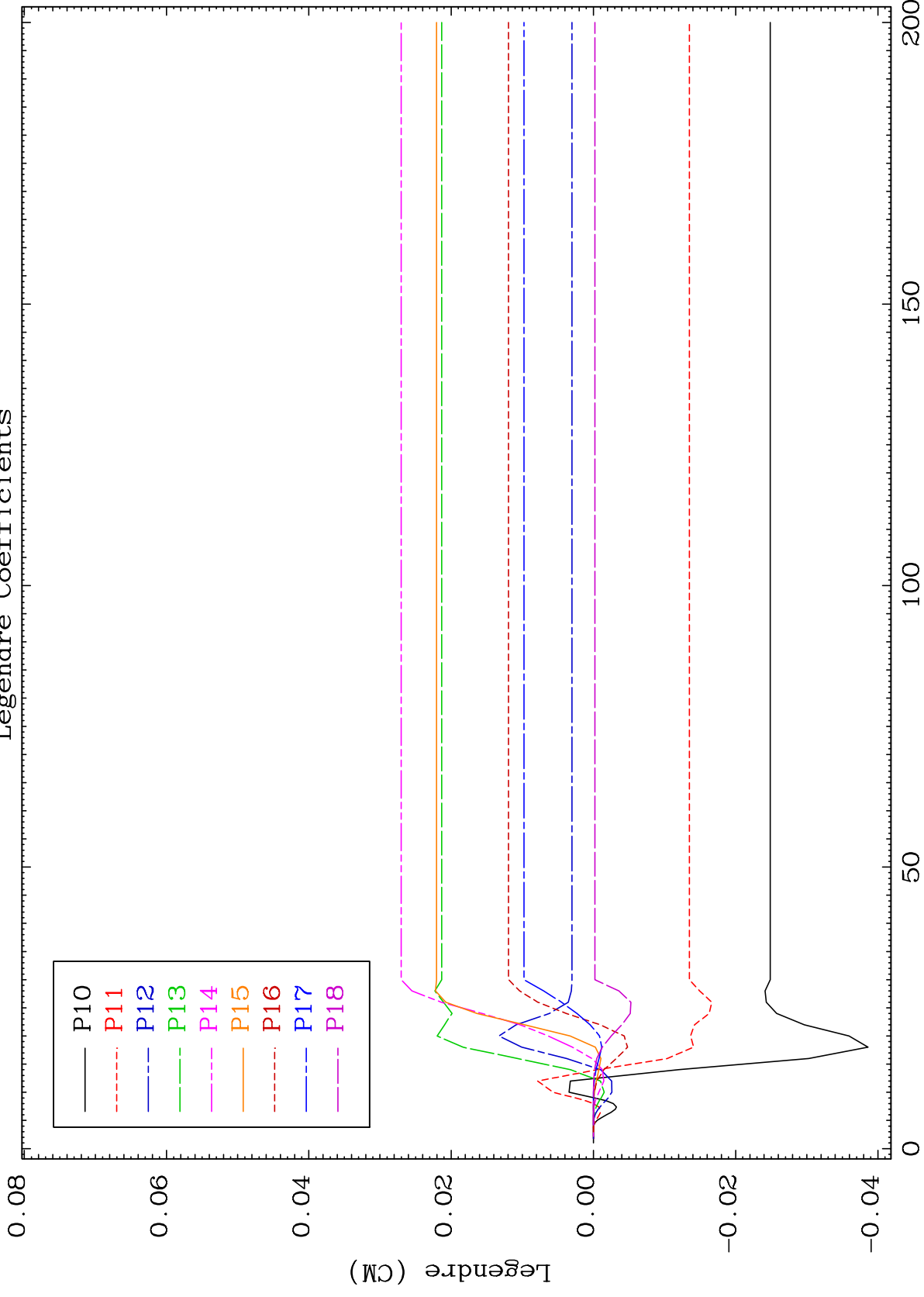




MAT 6928

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

69-Tm-170



76

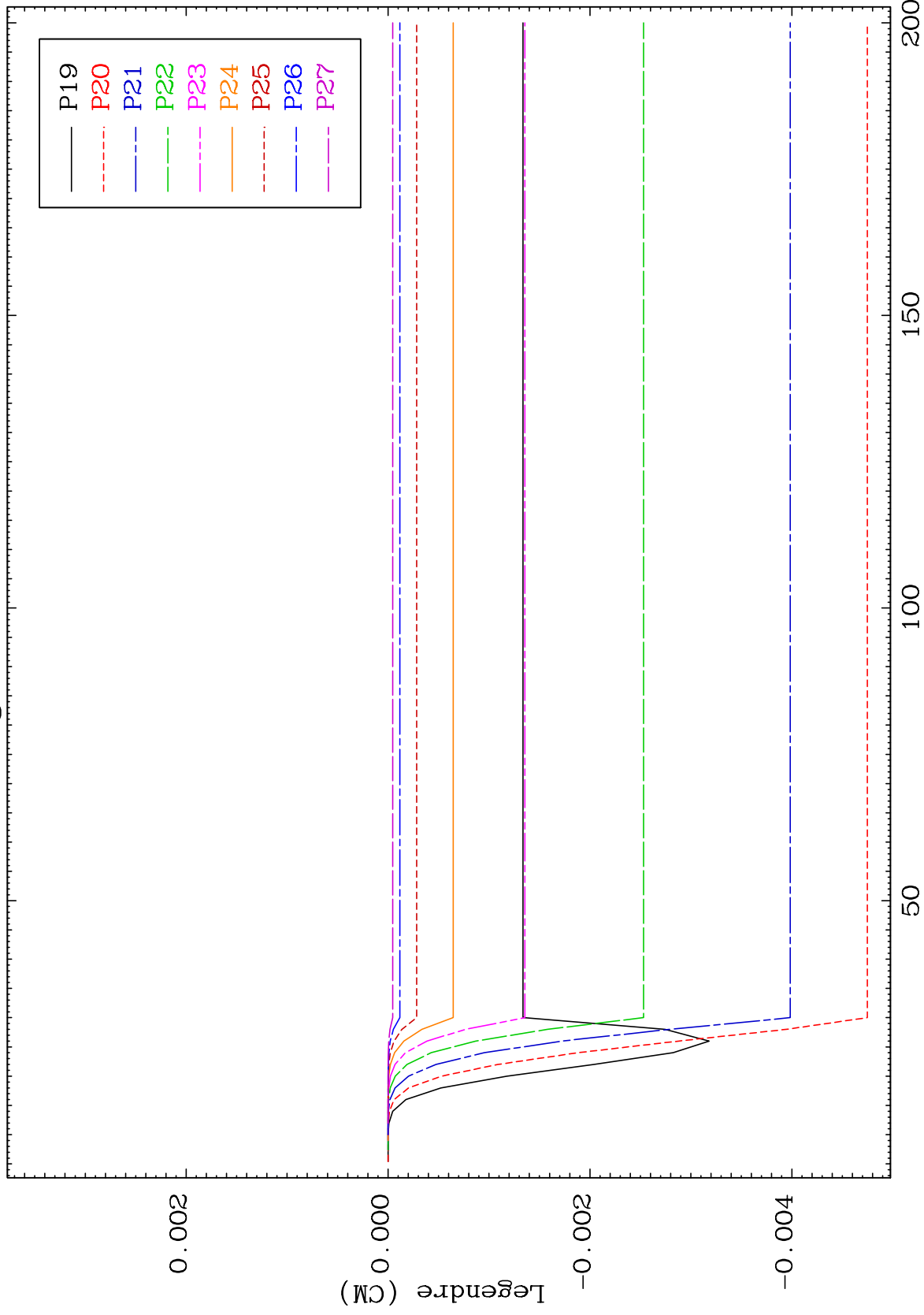
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



77

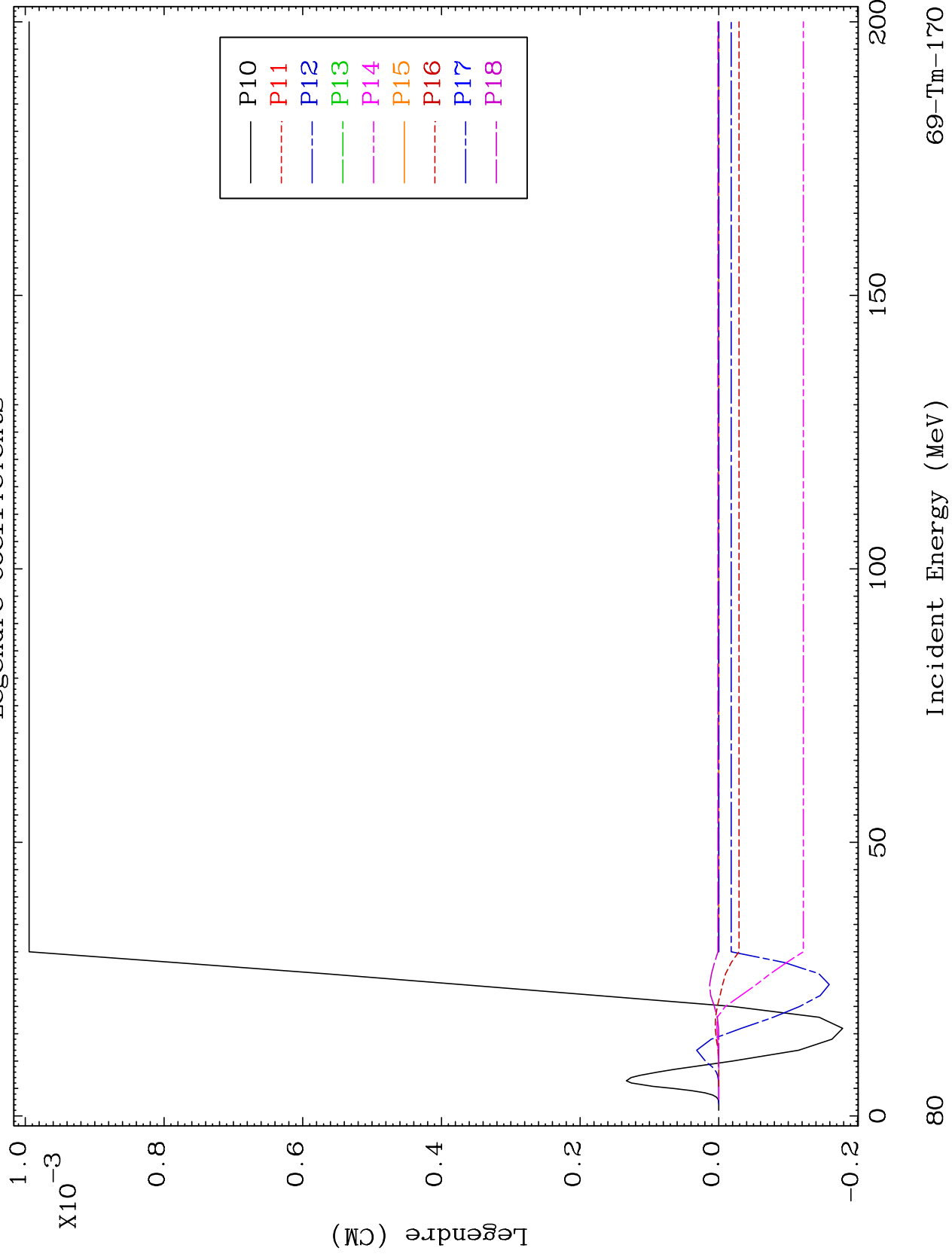
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



69-Tm-170

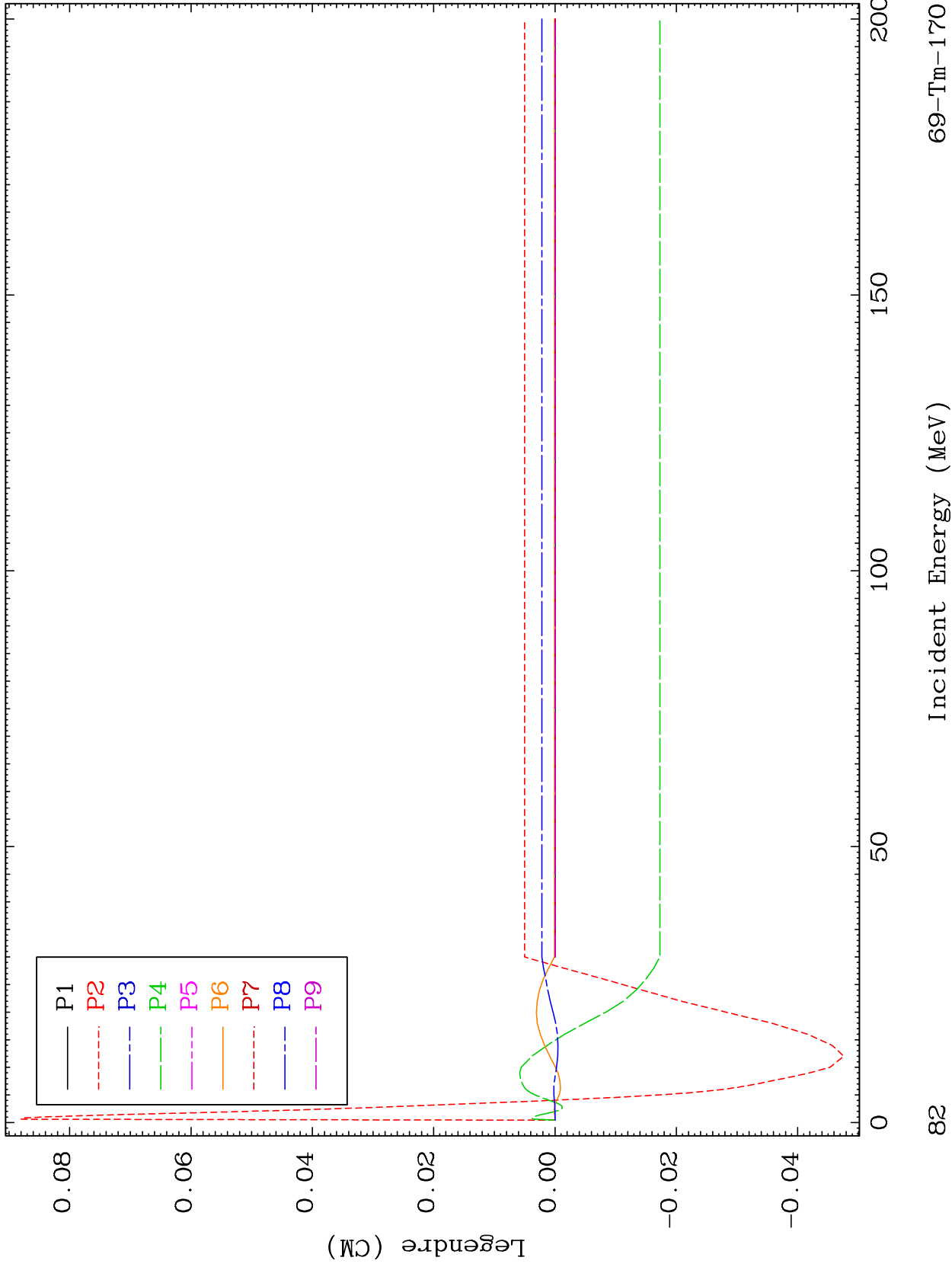
Incident Energy (MeV)

80

MAT 6928

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

69-Tm-170



82

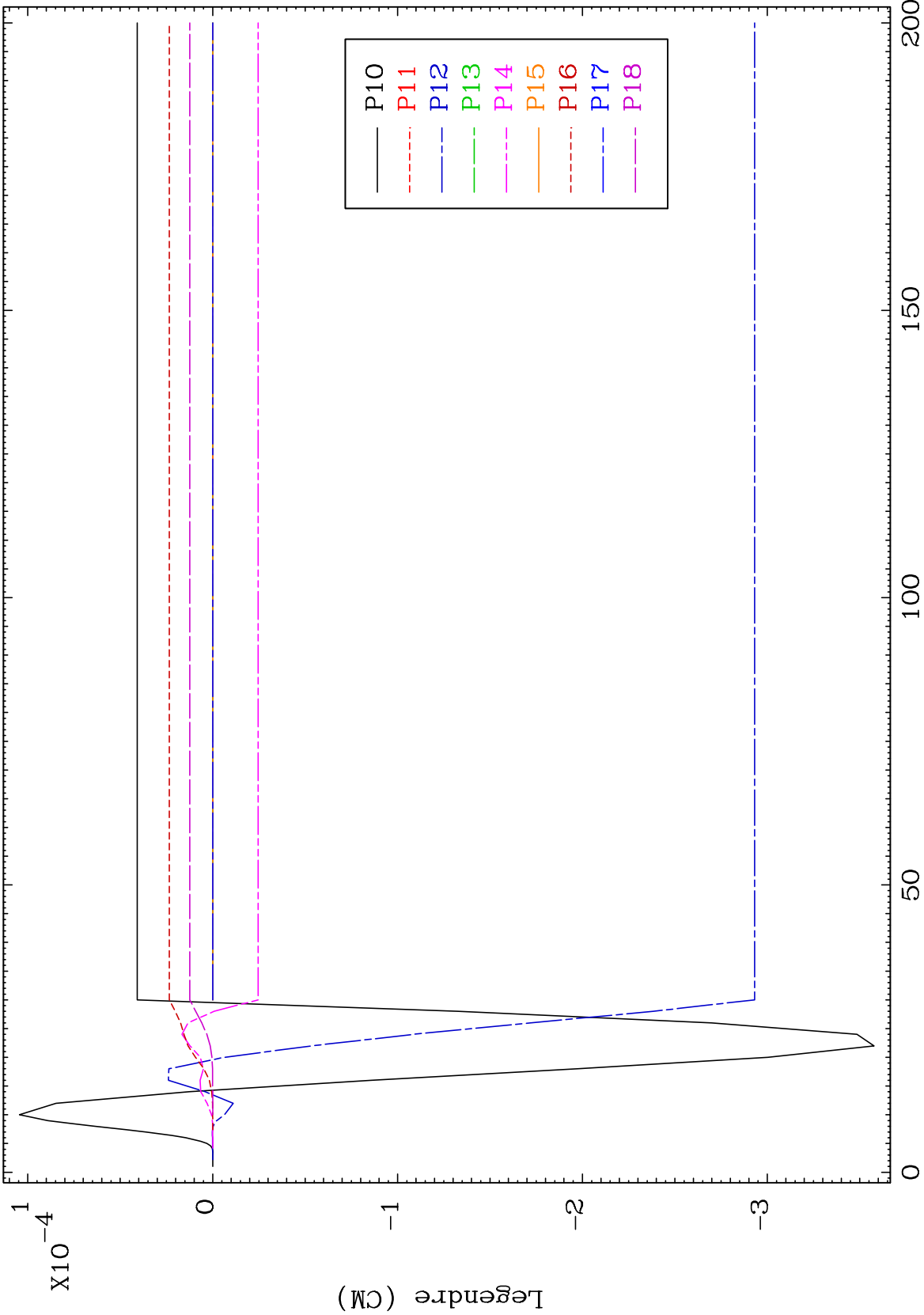
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



83

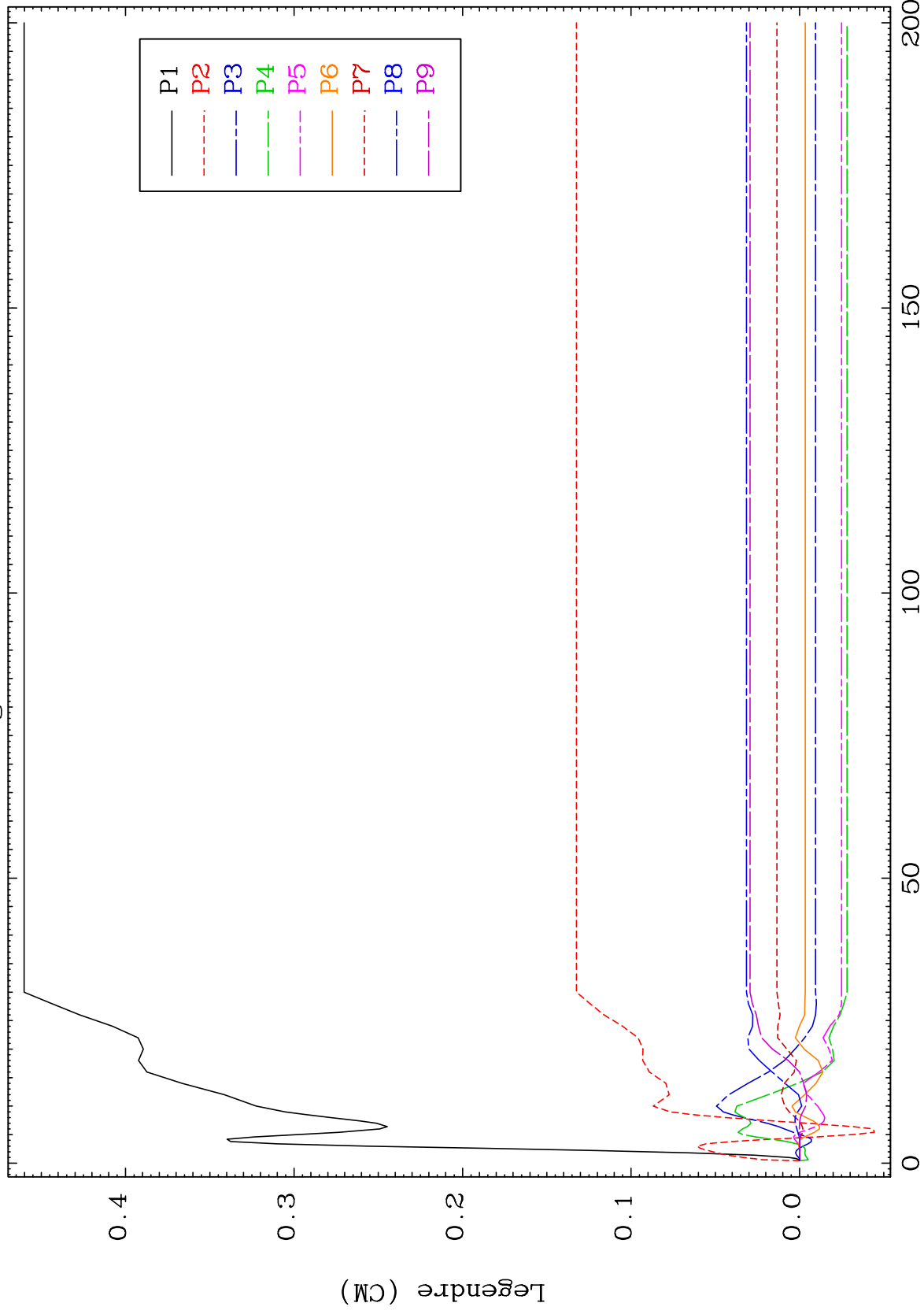
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



85

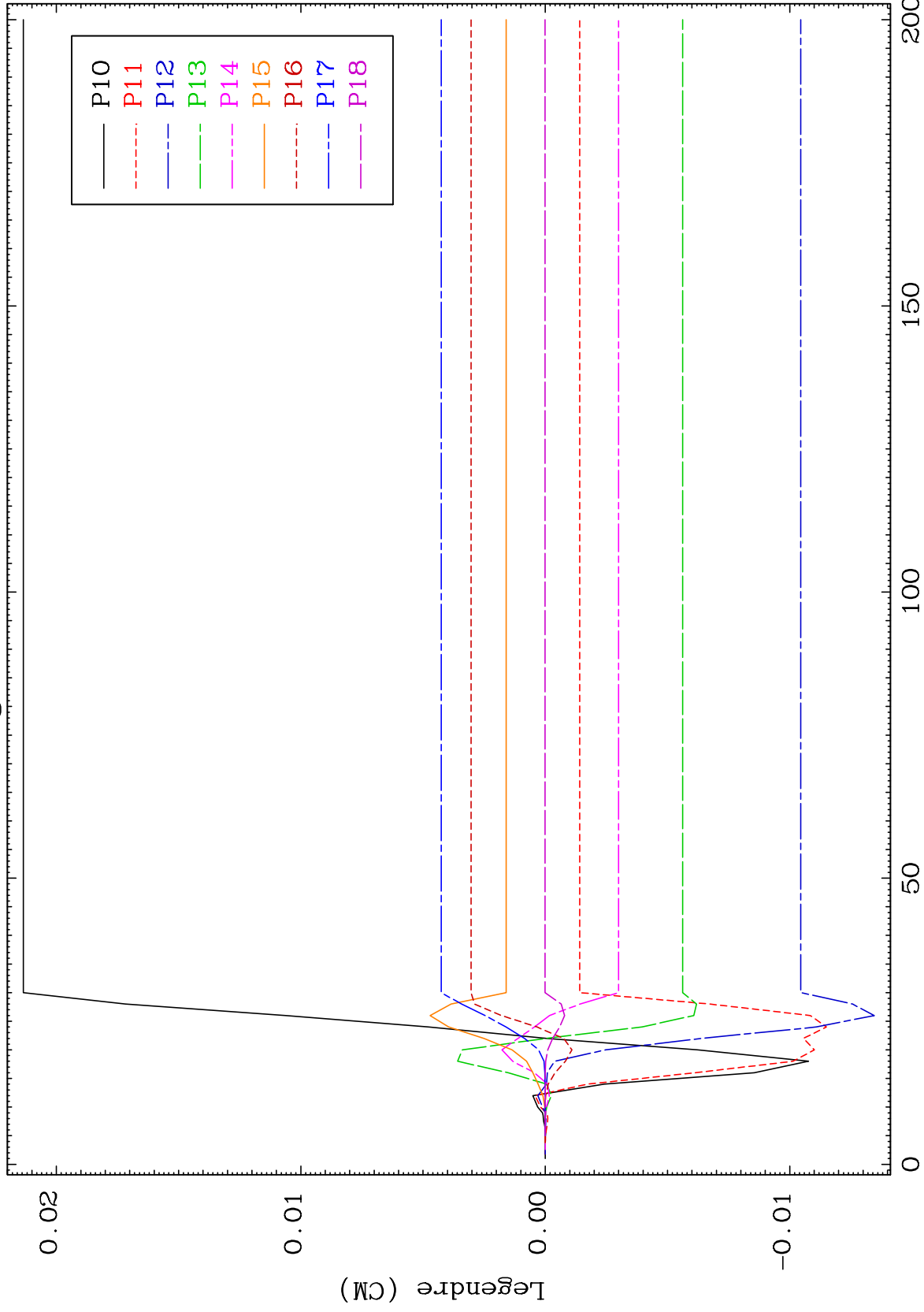
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



86

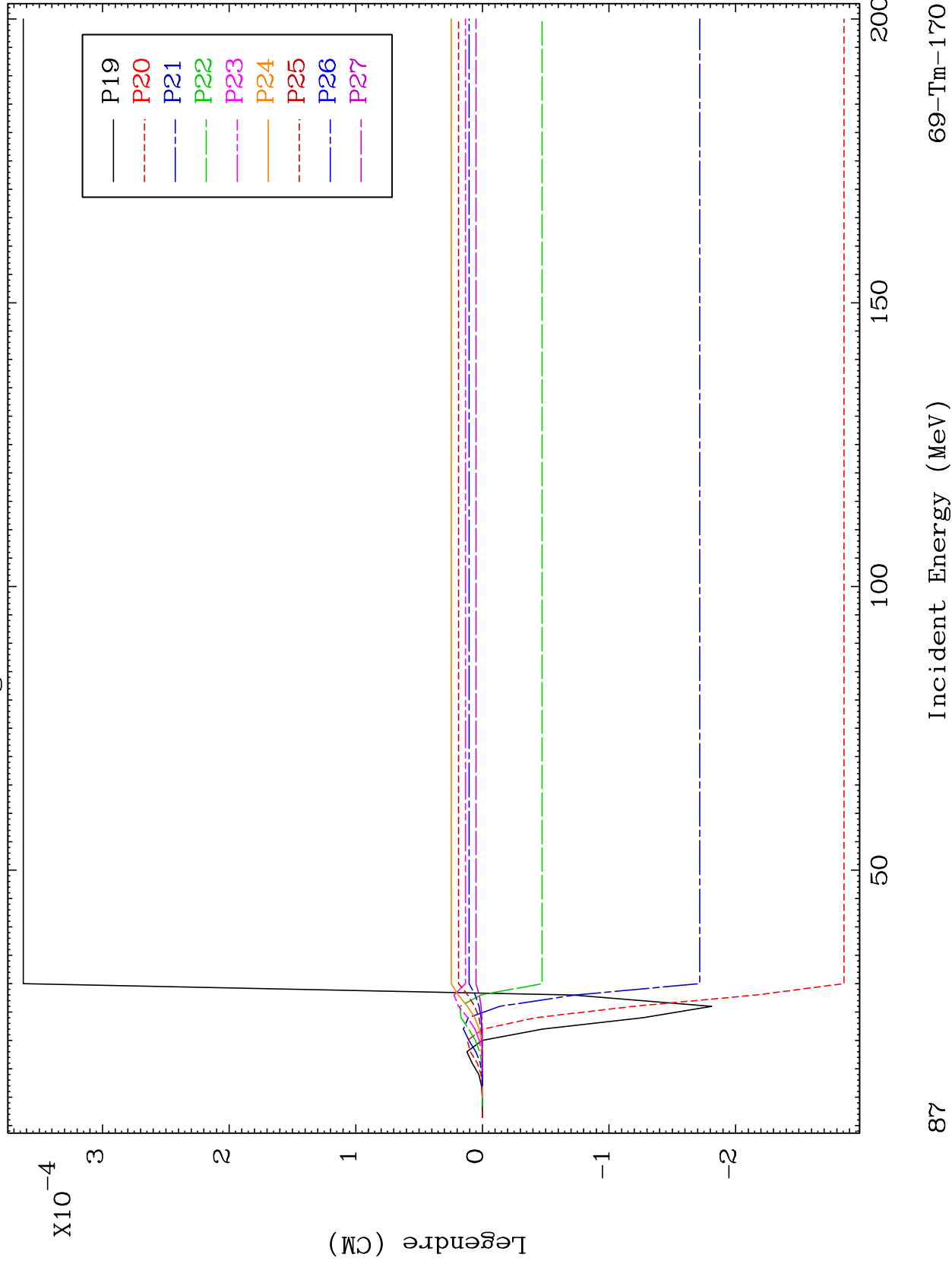
Incident Energy (MeV)

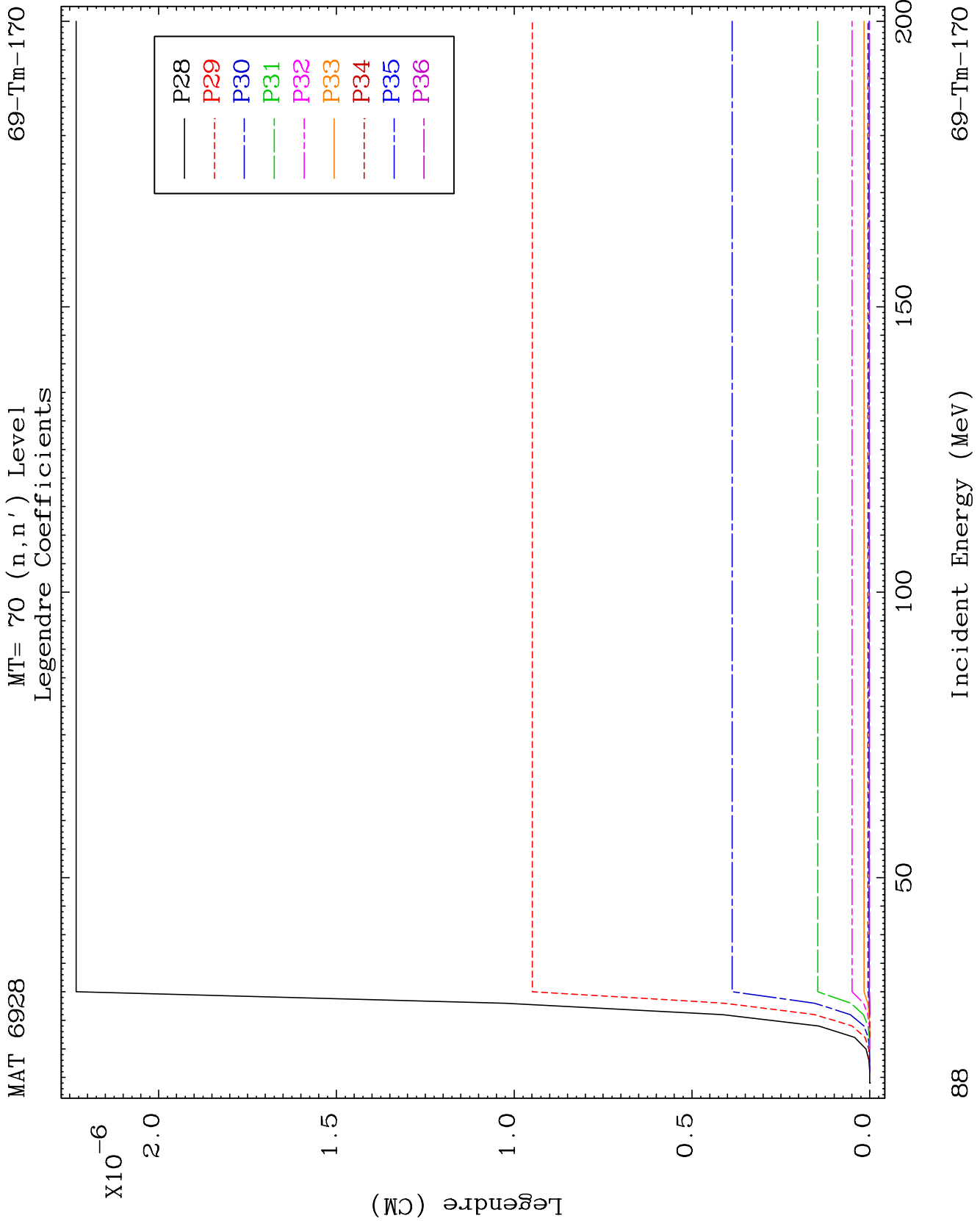
69-Tm-170

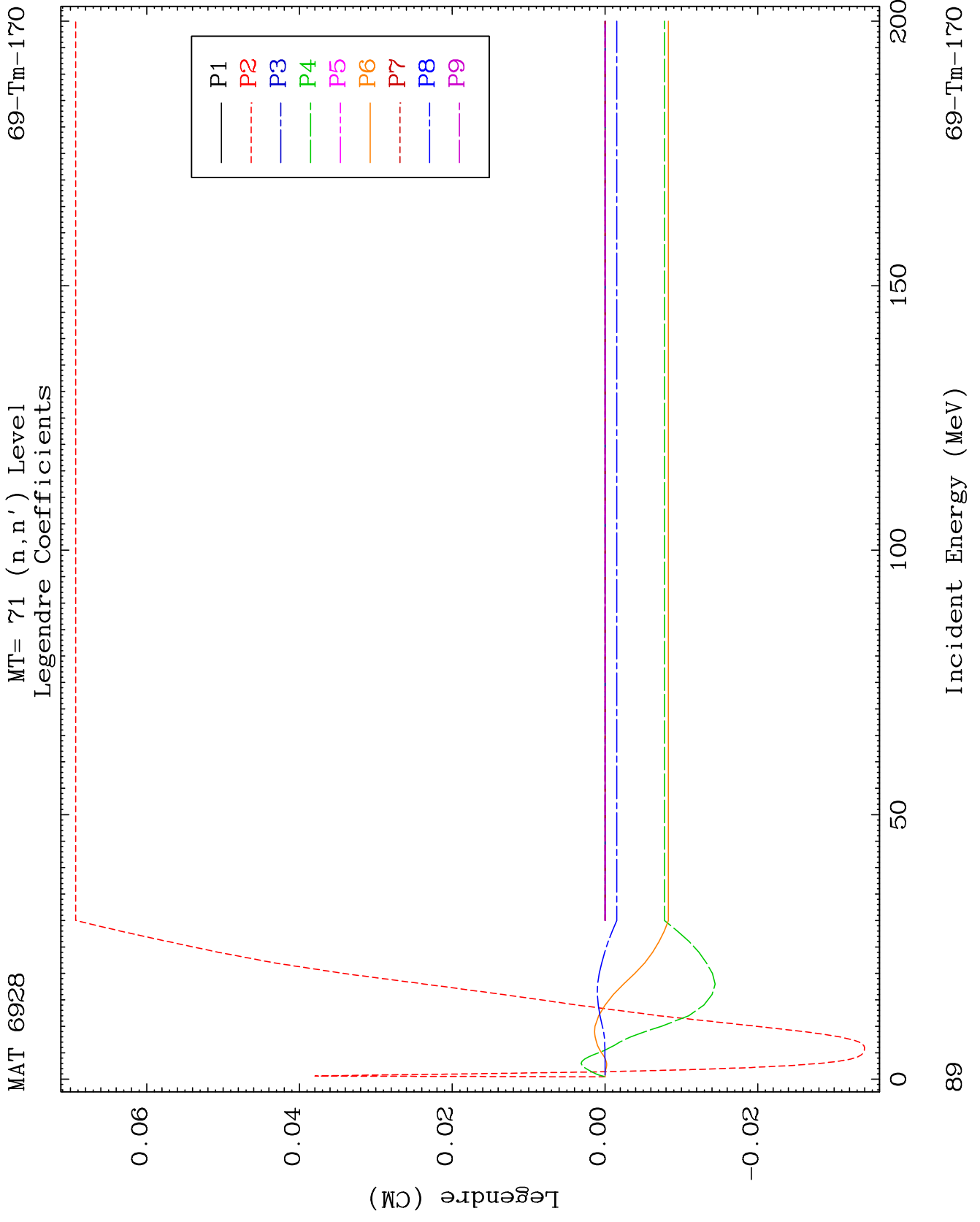
MAT 6928

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

69-Tm-170



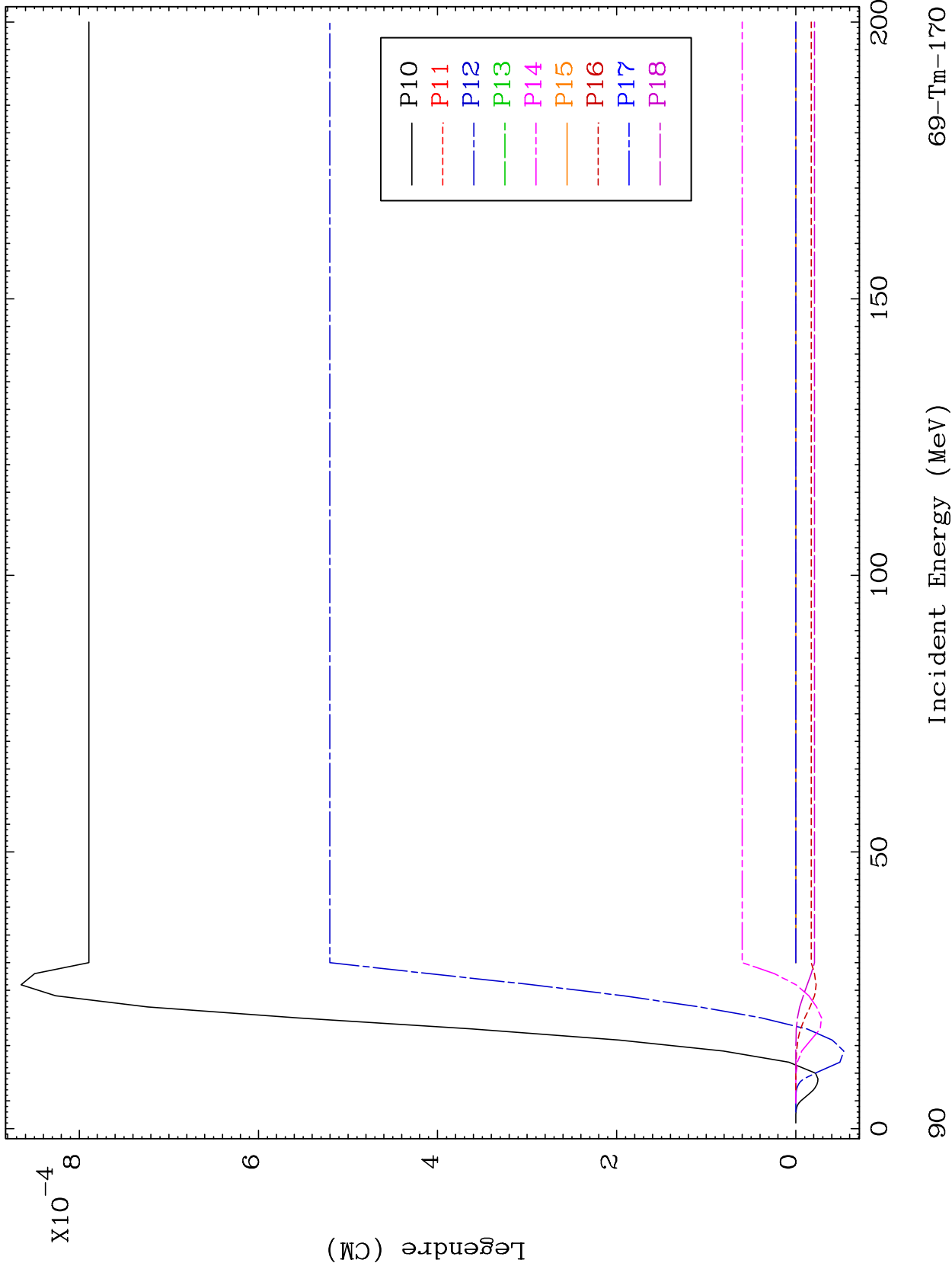




MAT 6928

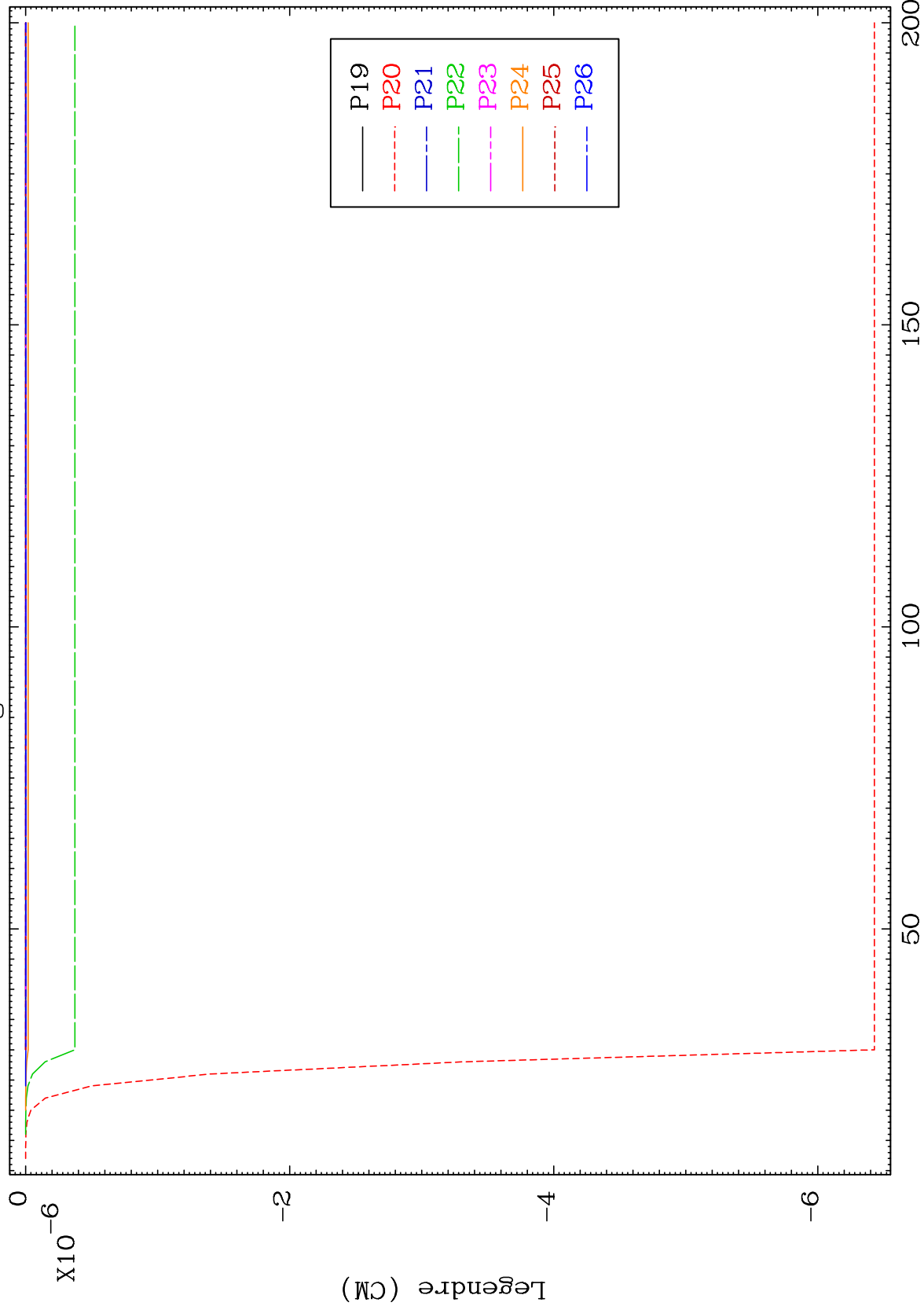
MT= 71 (n,n') Level
Legendre Coefficients

69-Tm-170



MAT 6928 MT= 71 (n,n') Level 69-Tm-170

Legendre Coefficients

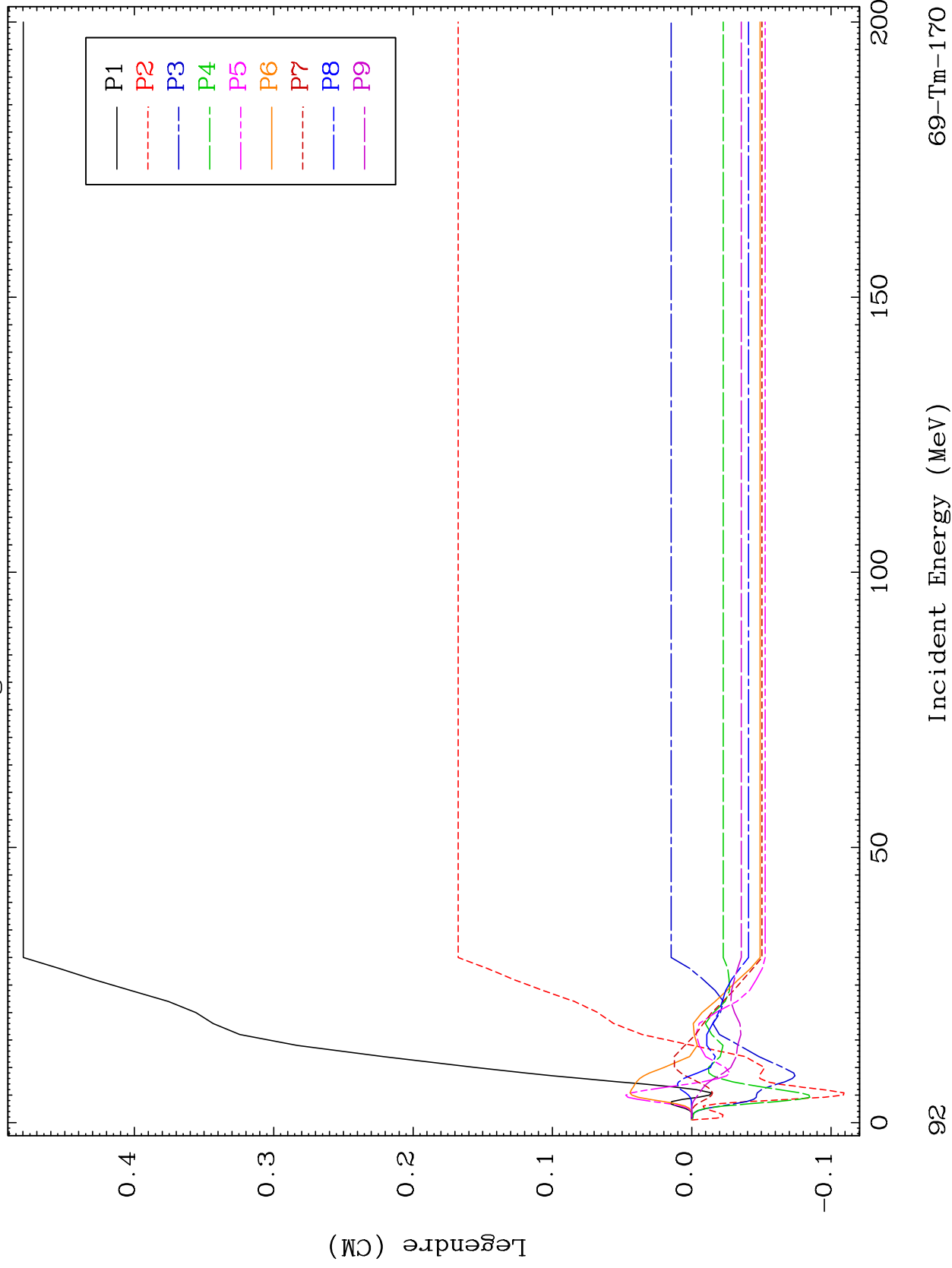


91 69-Tm-170

MAT 6928

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-170



69-Tm-170

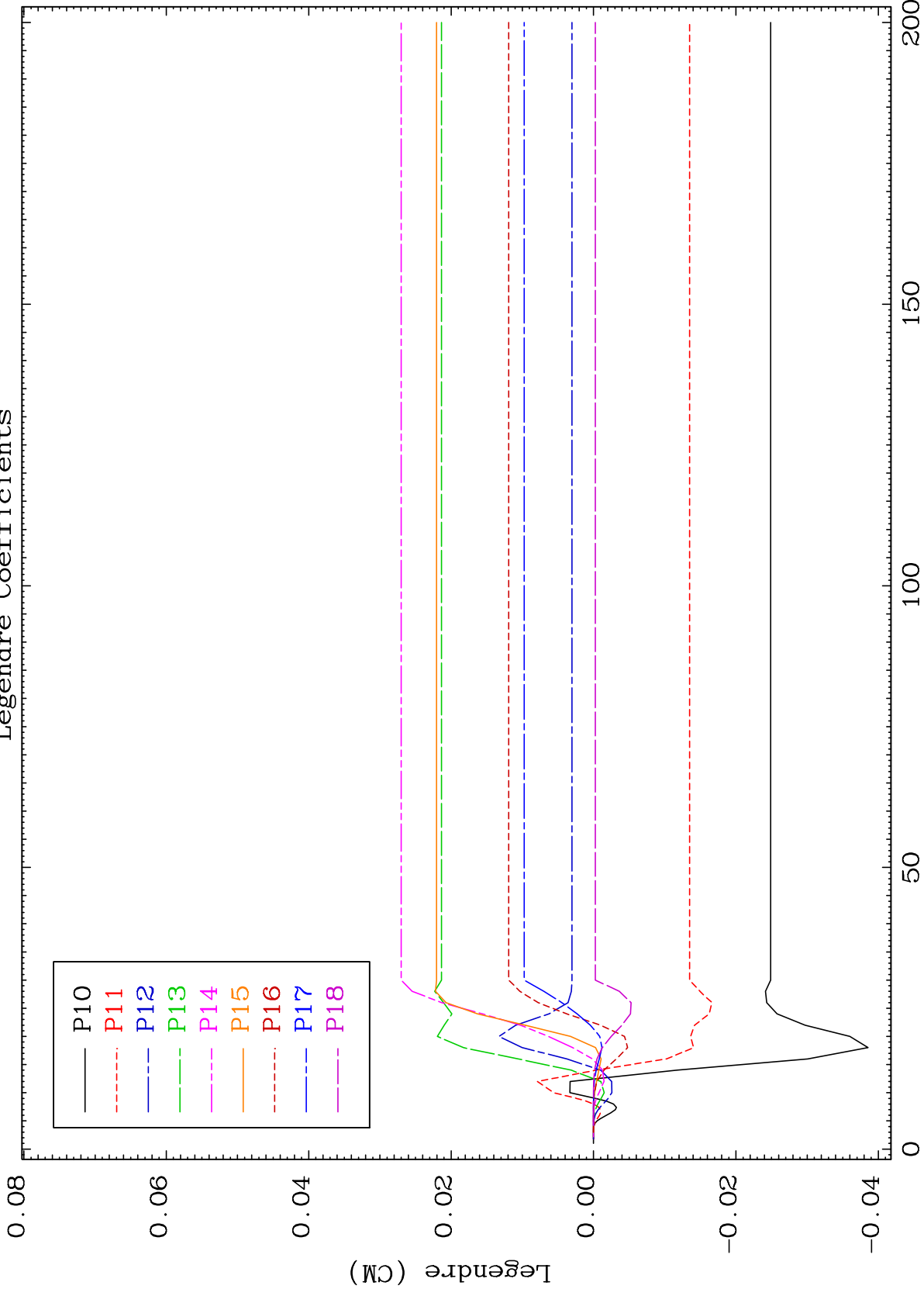
Incident Energy (MeV)

92

MAT 6928

MT= 72 (n,n') Level
Legendre Coefficients

69-Tm-170



93

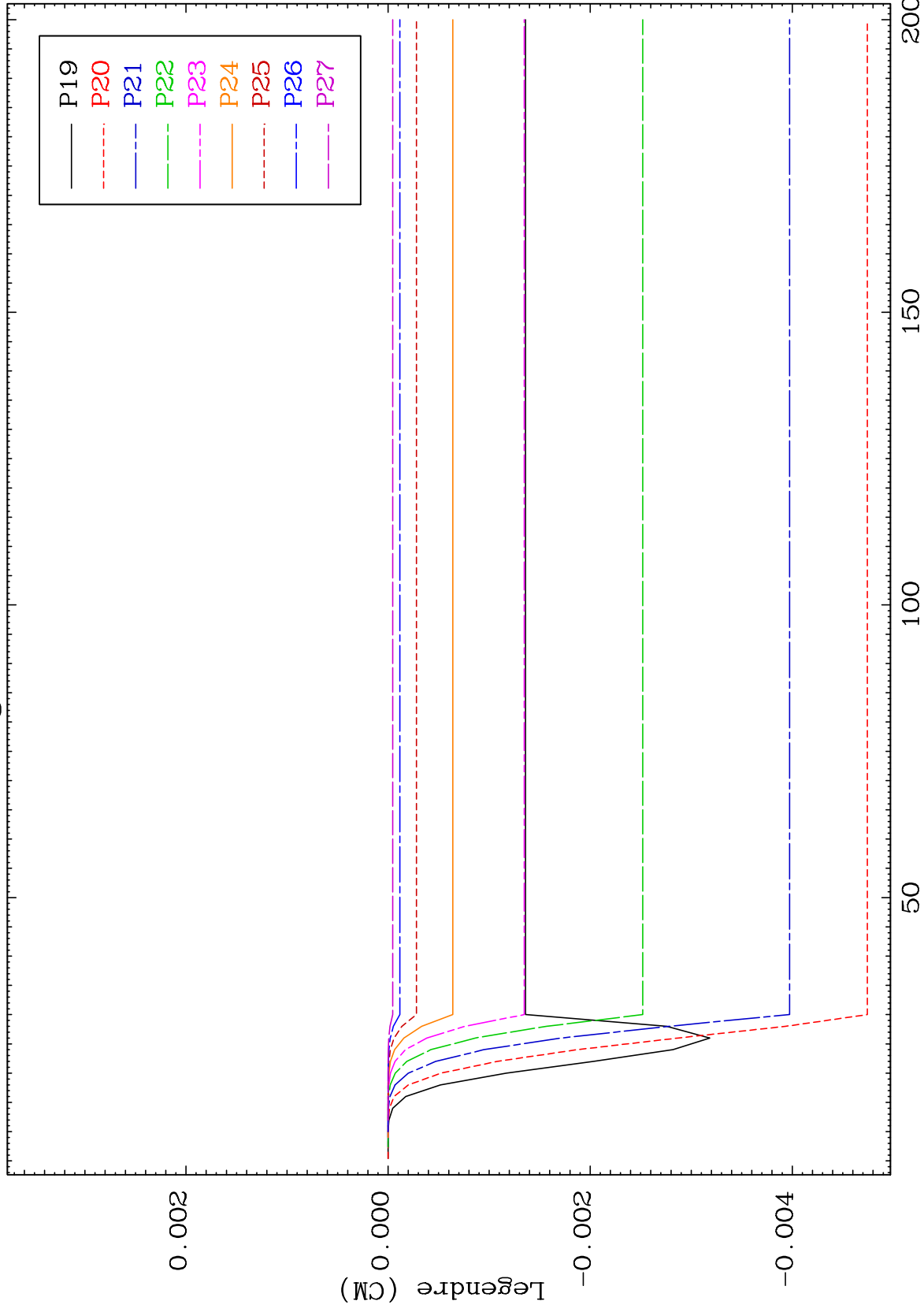
Incident Energy (MeV)

69-Tm-170

MAT 6928

MT= 72 (n,n') Level
Legendre Coefficients

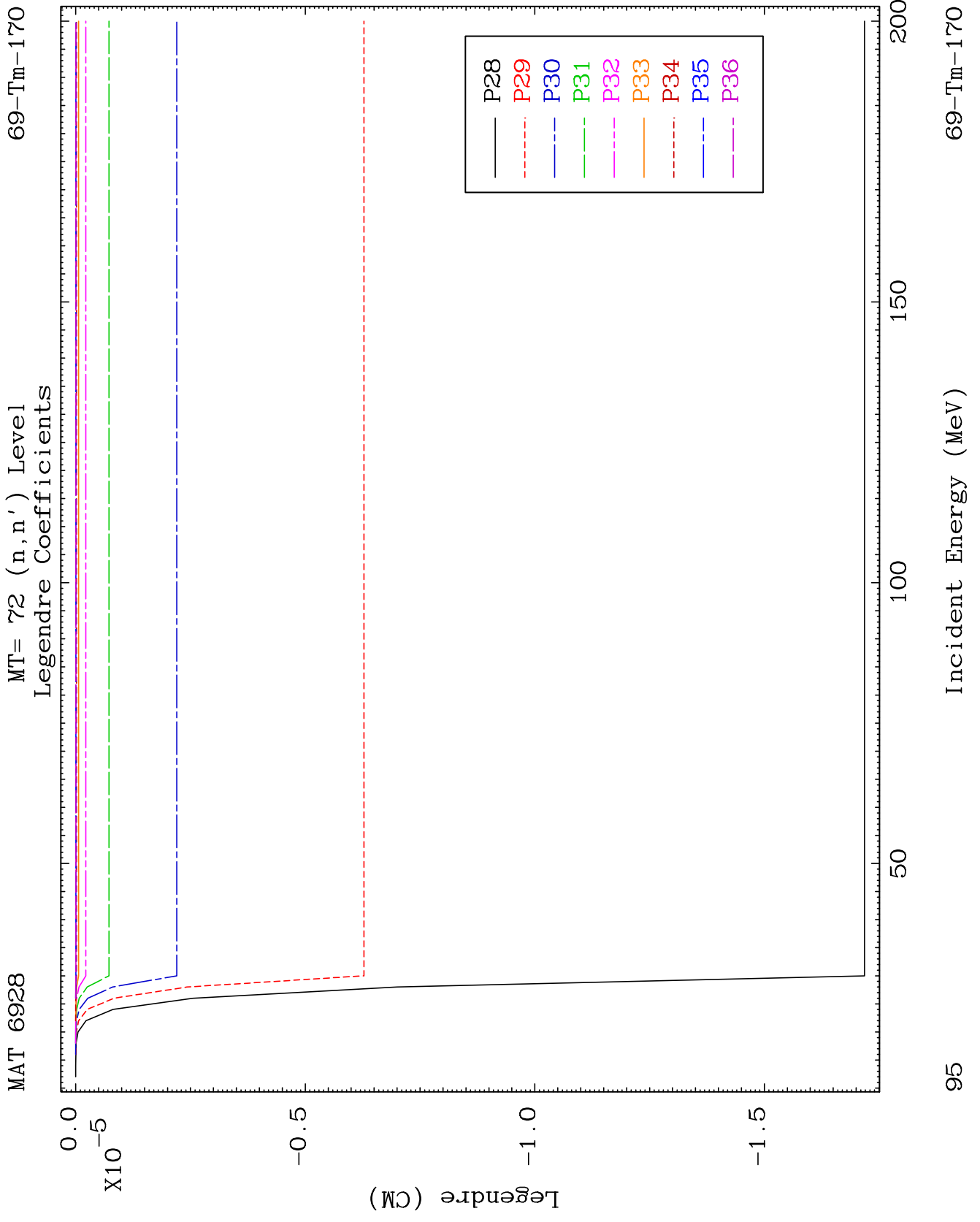
69-Tm-170



94

Incident Energy (MeV)

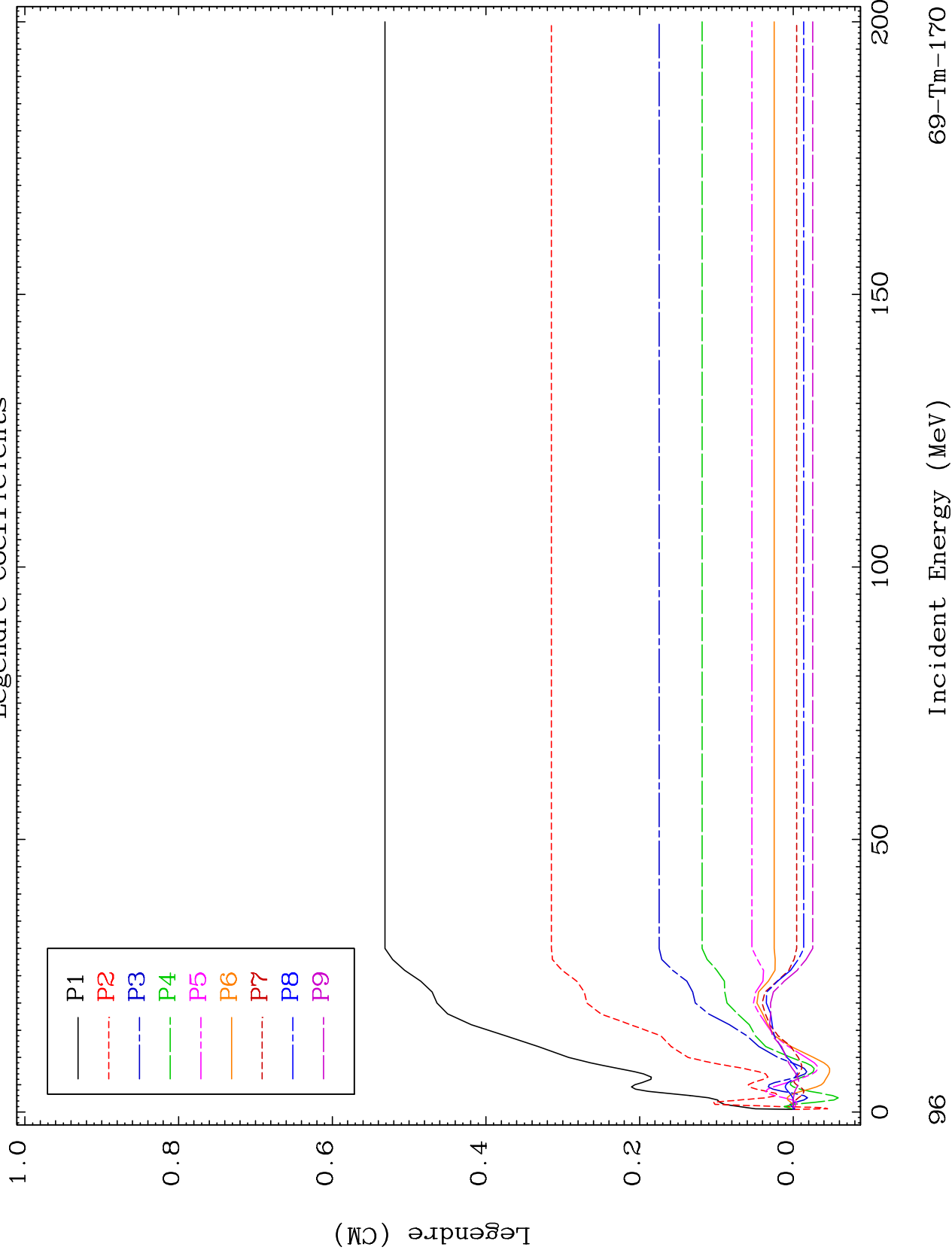
69-Tm-170



MAT 6928

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

69-Tm-170



96

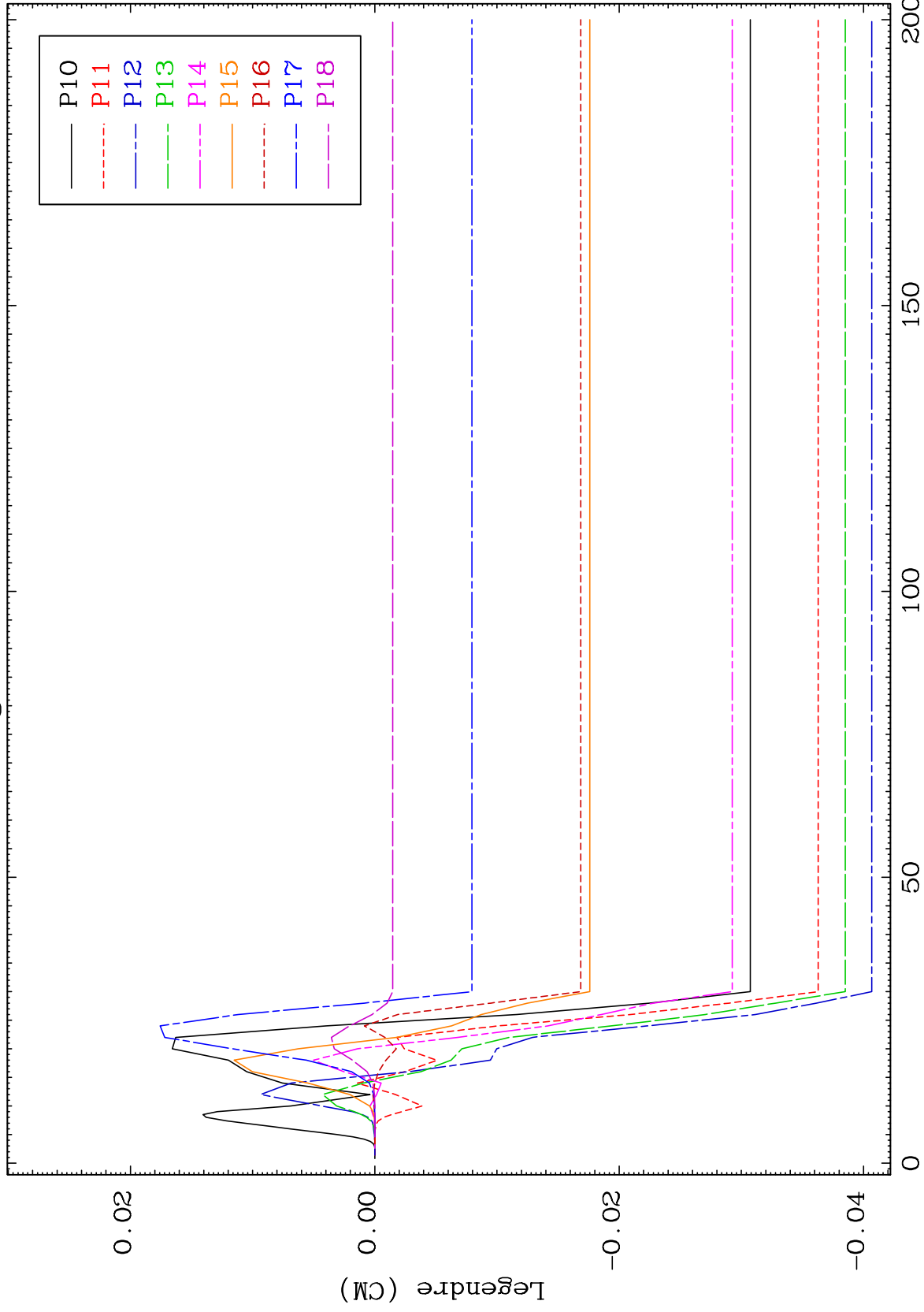
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

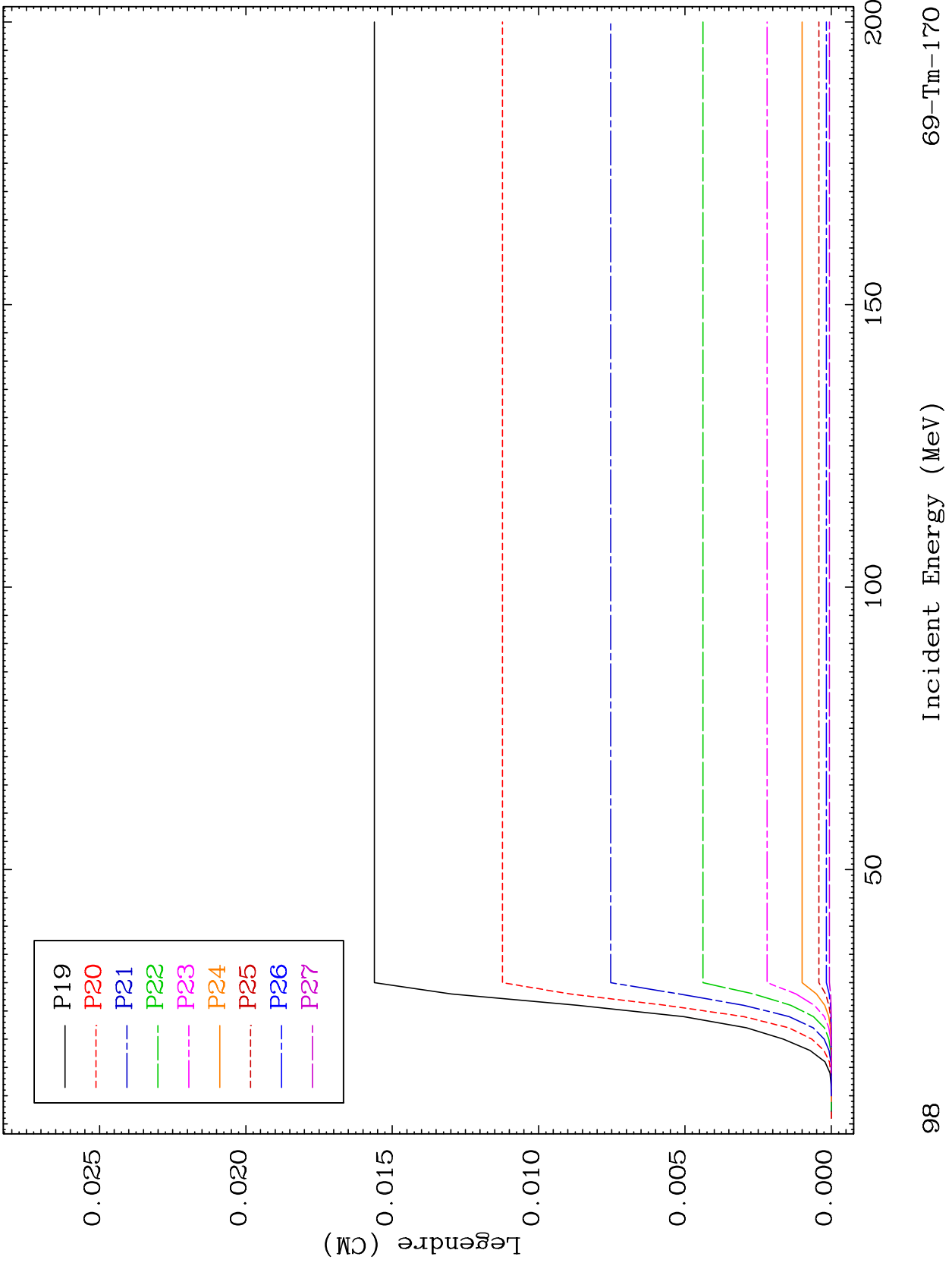
69-Tm-170



97

Incident Energy (MeV)

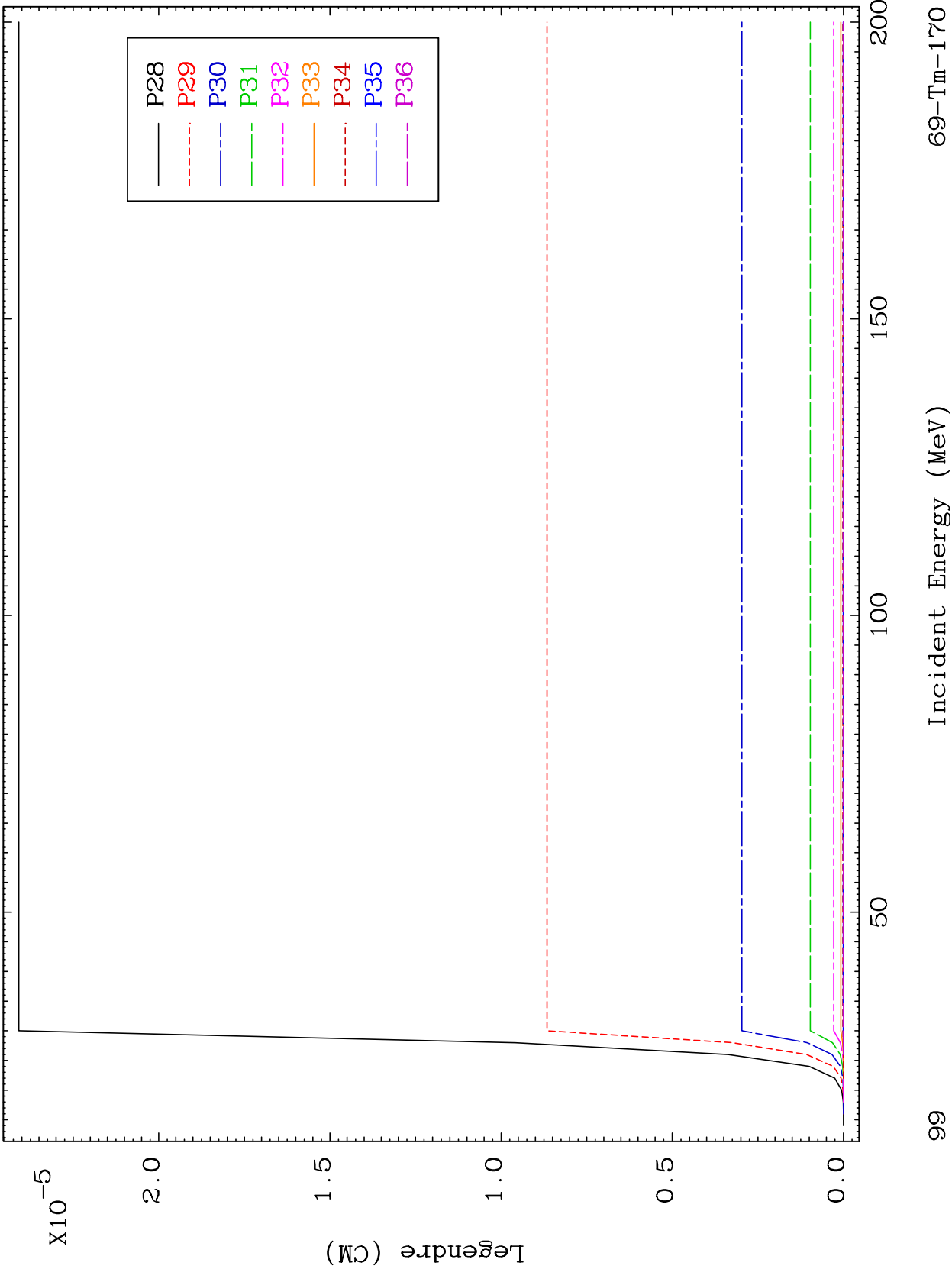
69-Tm-170



MAT 6928

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

69-Tm-170



99

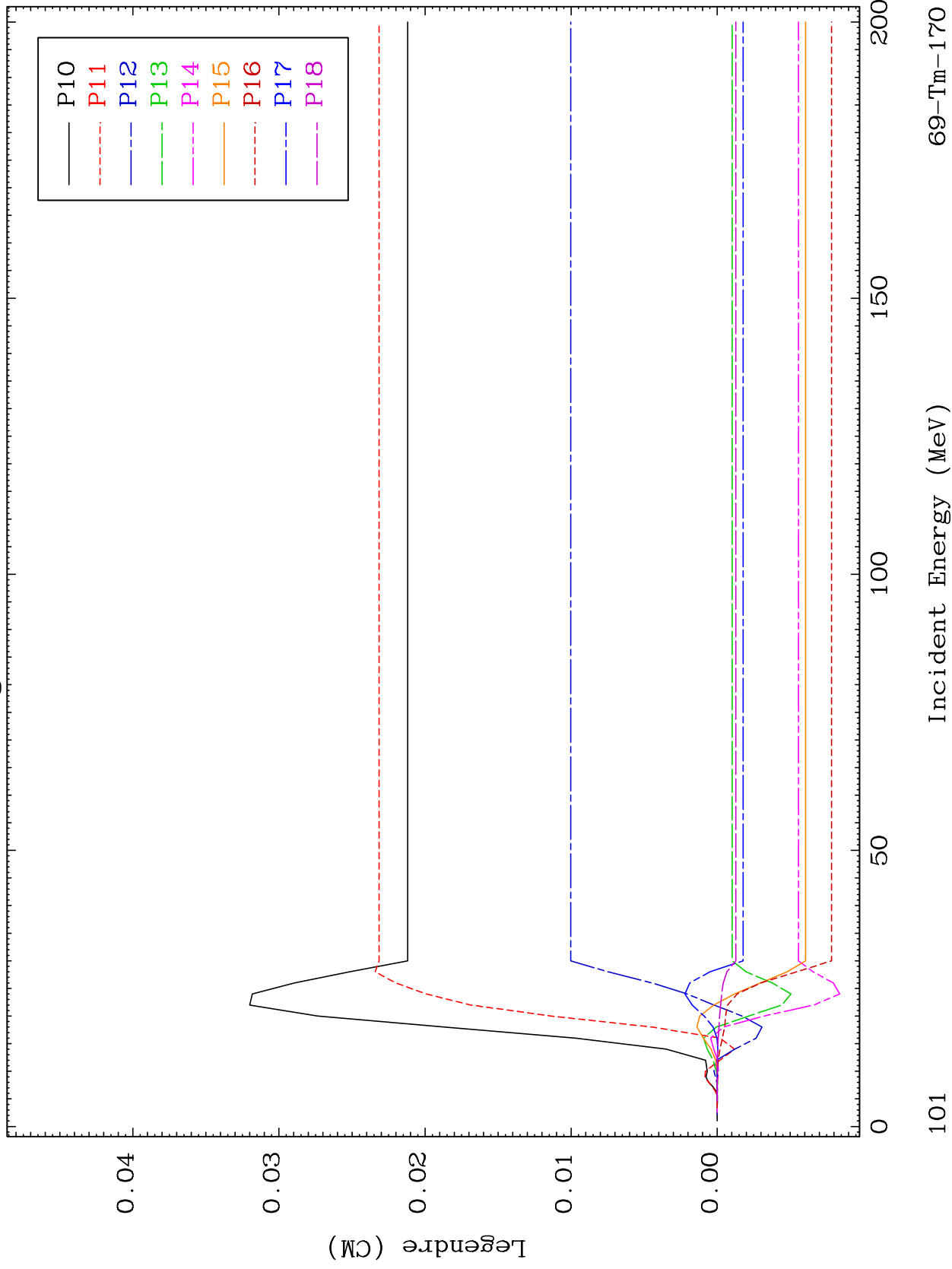
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



101

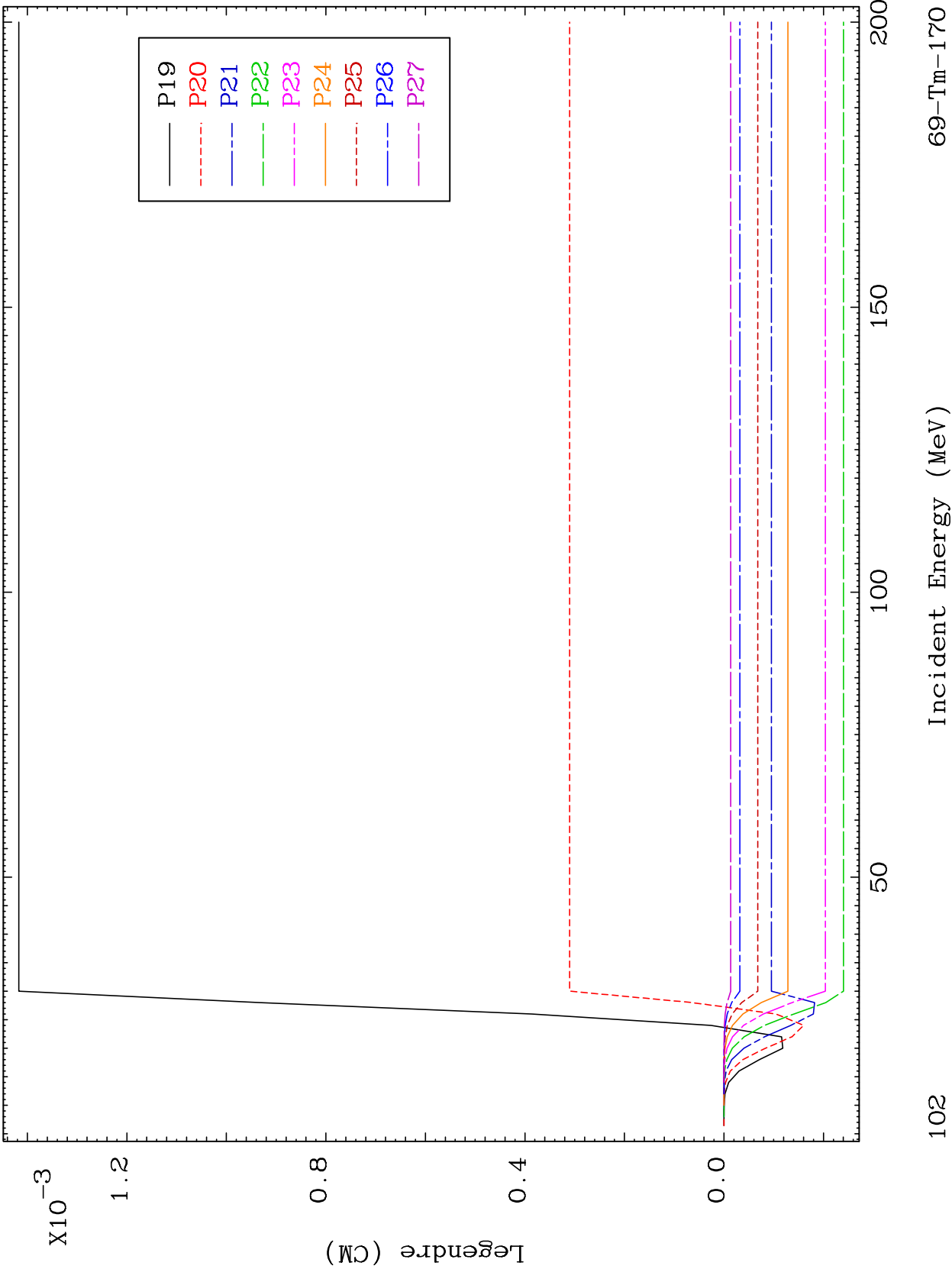
Incident Energy (MeV)

69-Tm-170

MAT 6928

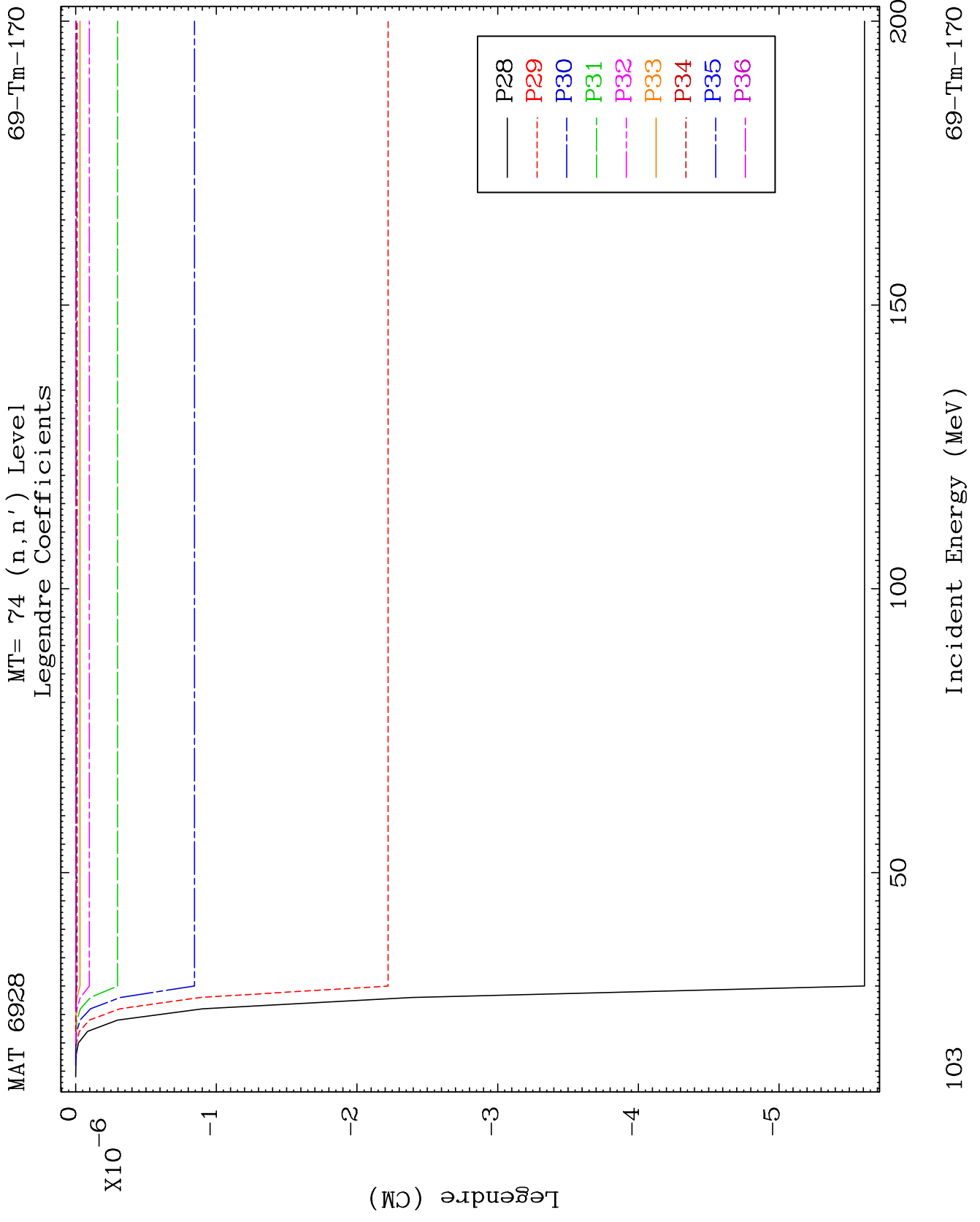
MT= 74 (n,n') Level
Legendre Coefficients

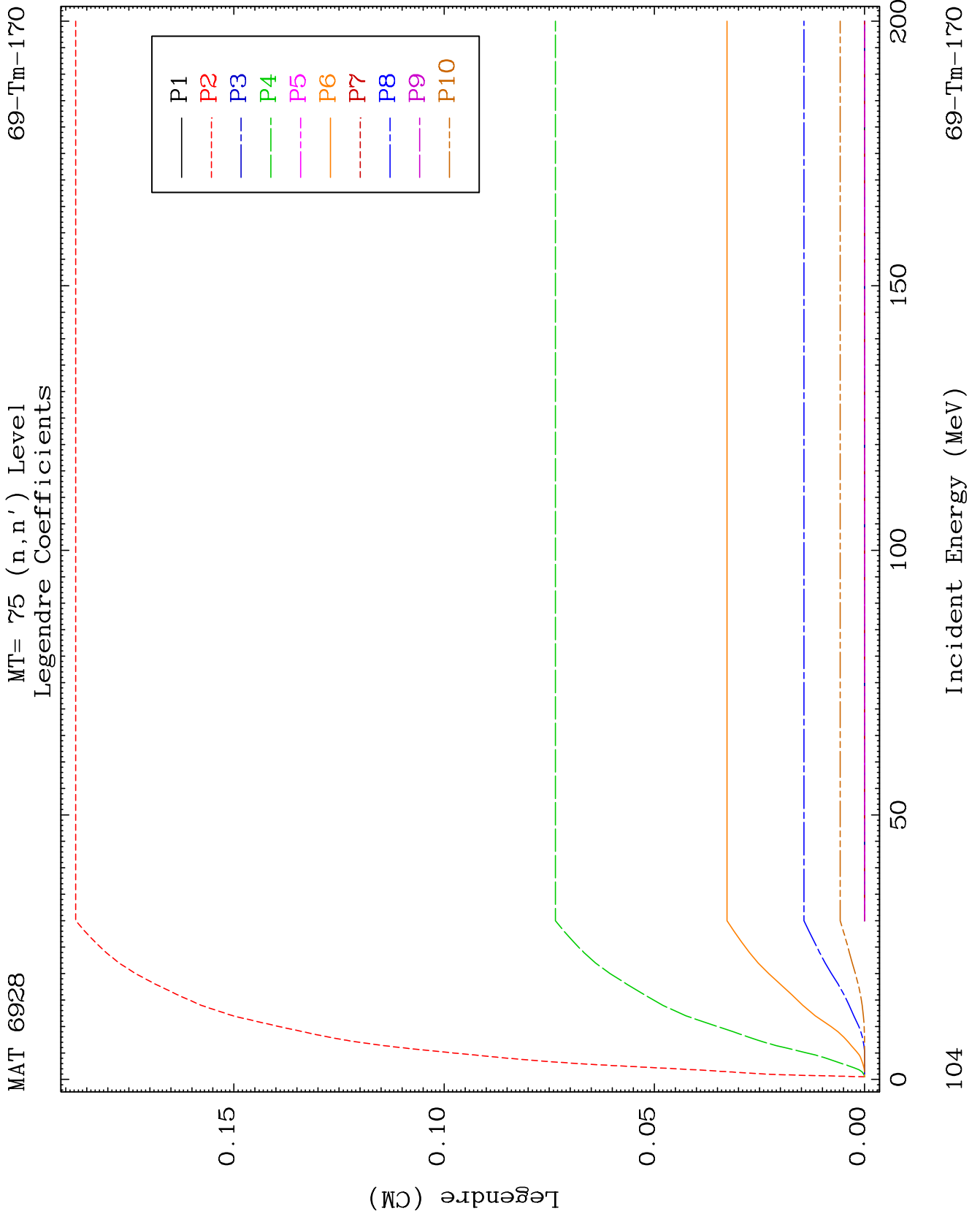
69-Tm-170



102

69-Tm-170

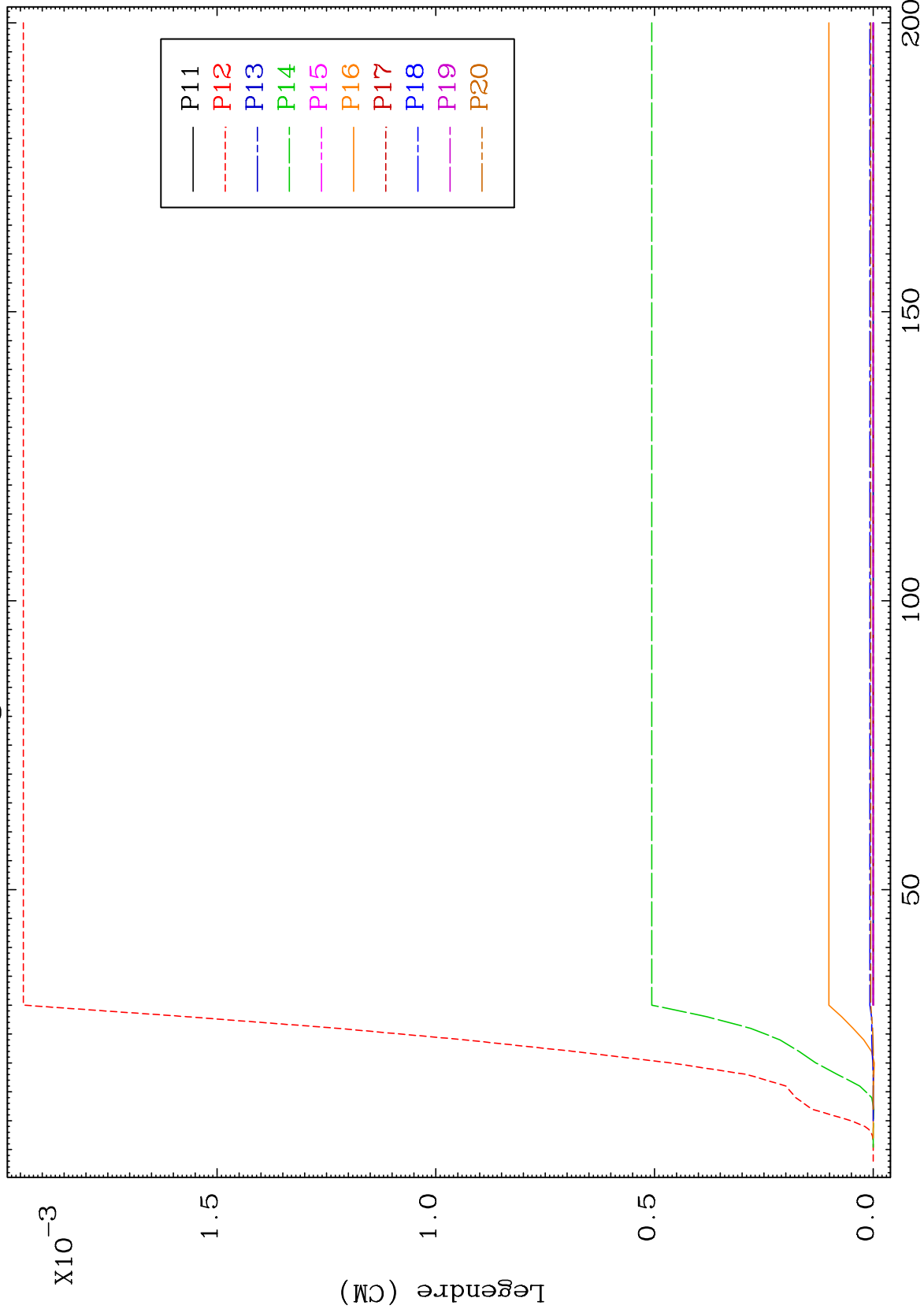




MAT 6928

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

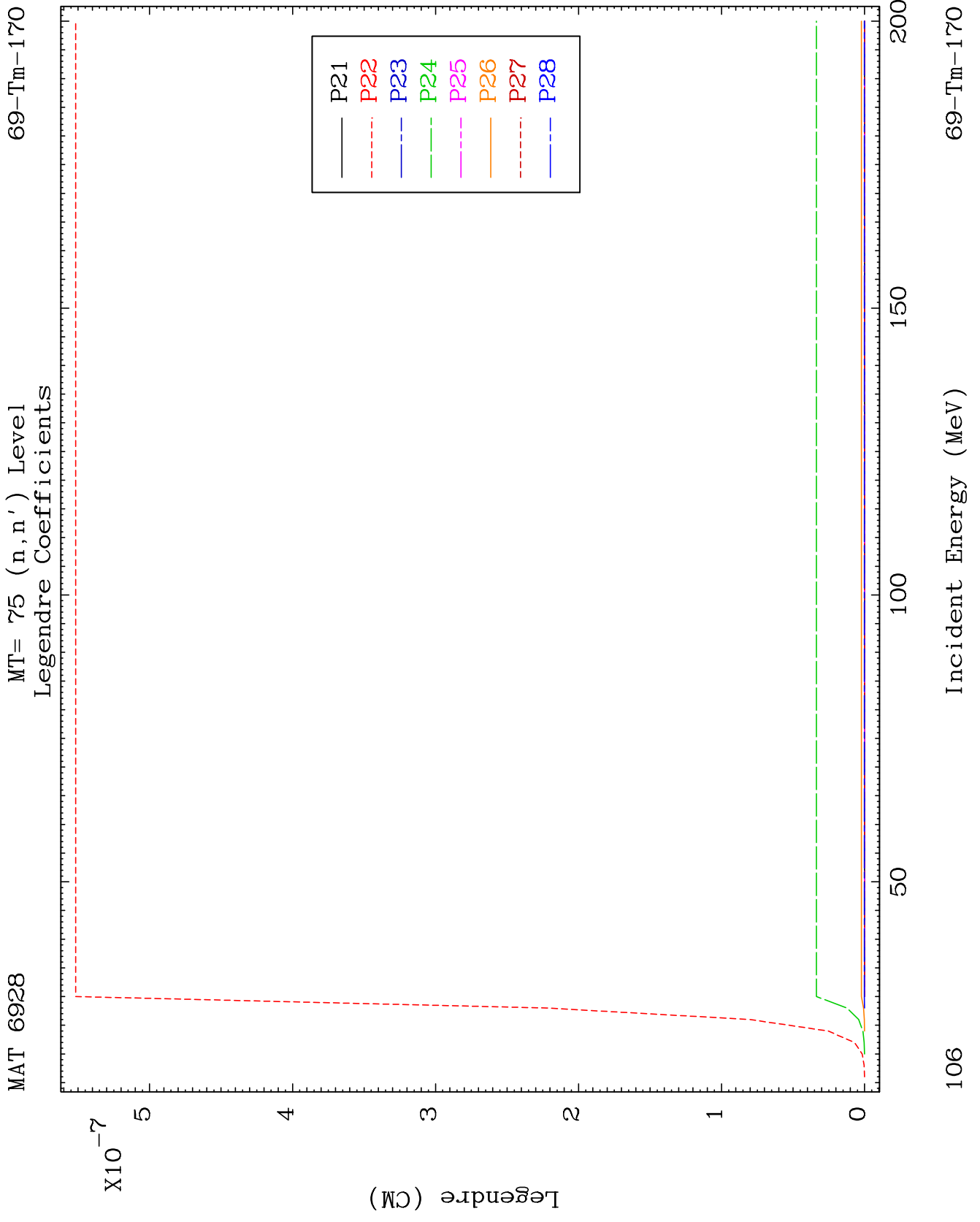
69-Tm-170



105

Incident Energy (MeV)

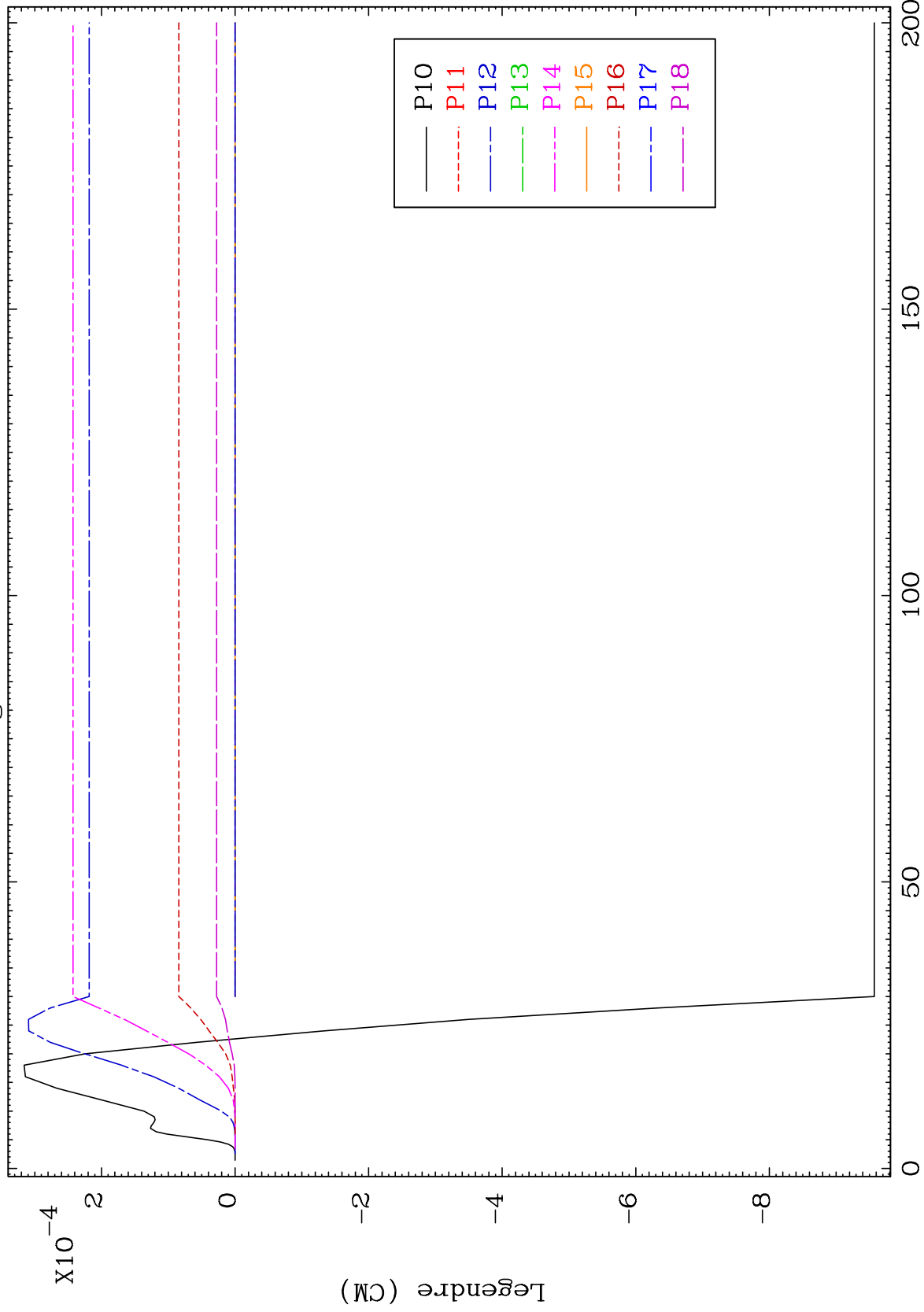
69-Tm-170



MAT 6928

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

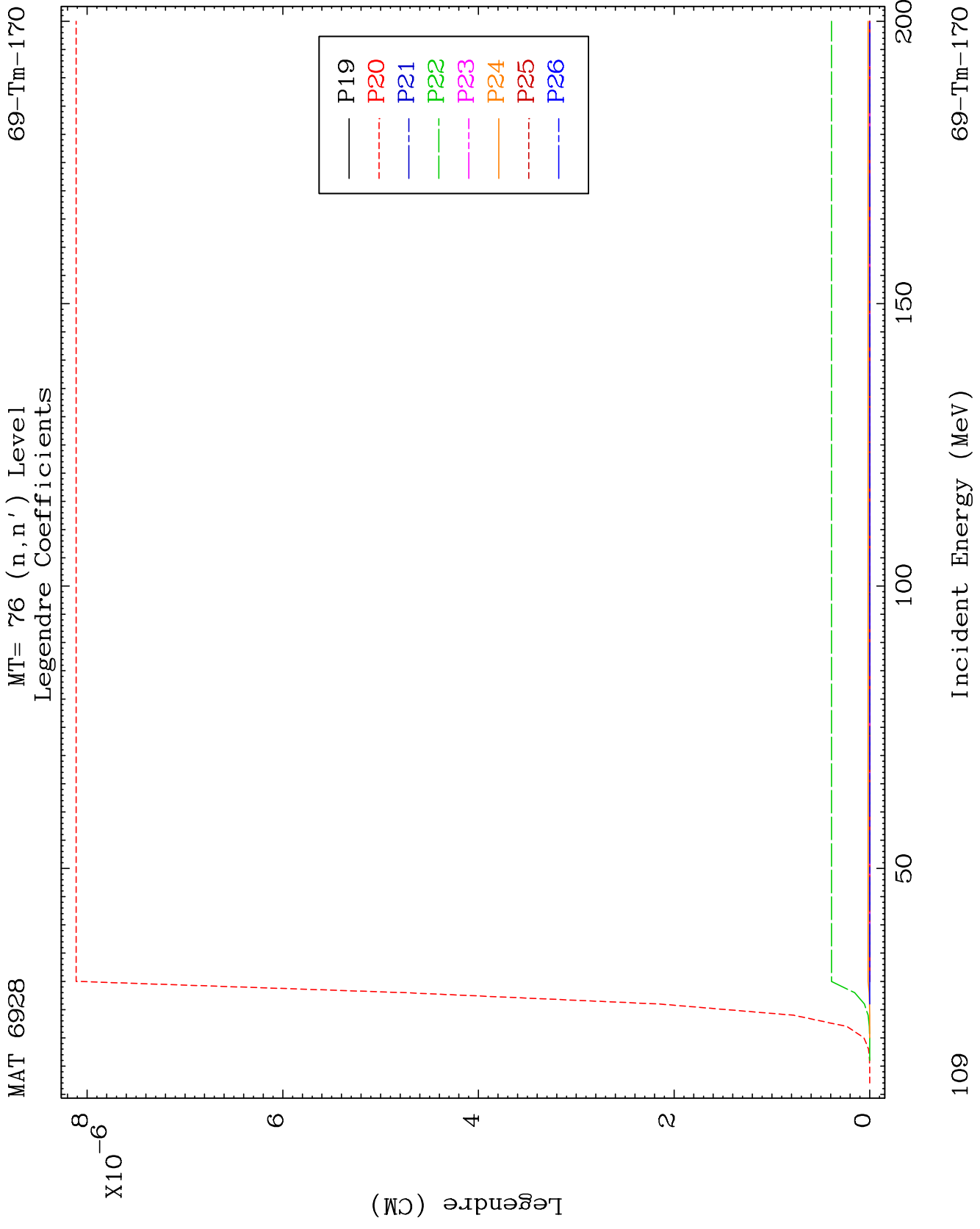
69-Tm-170

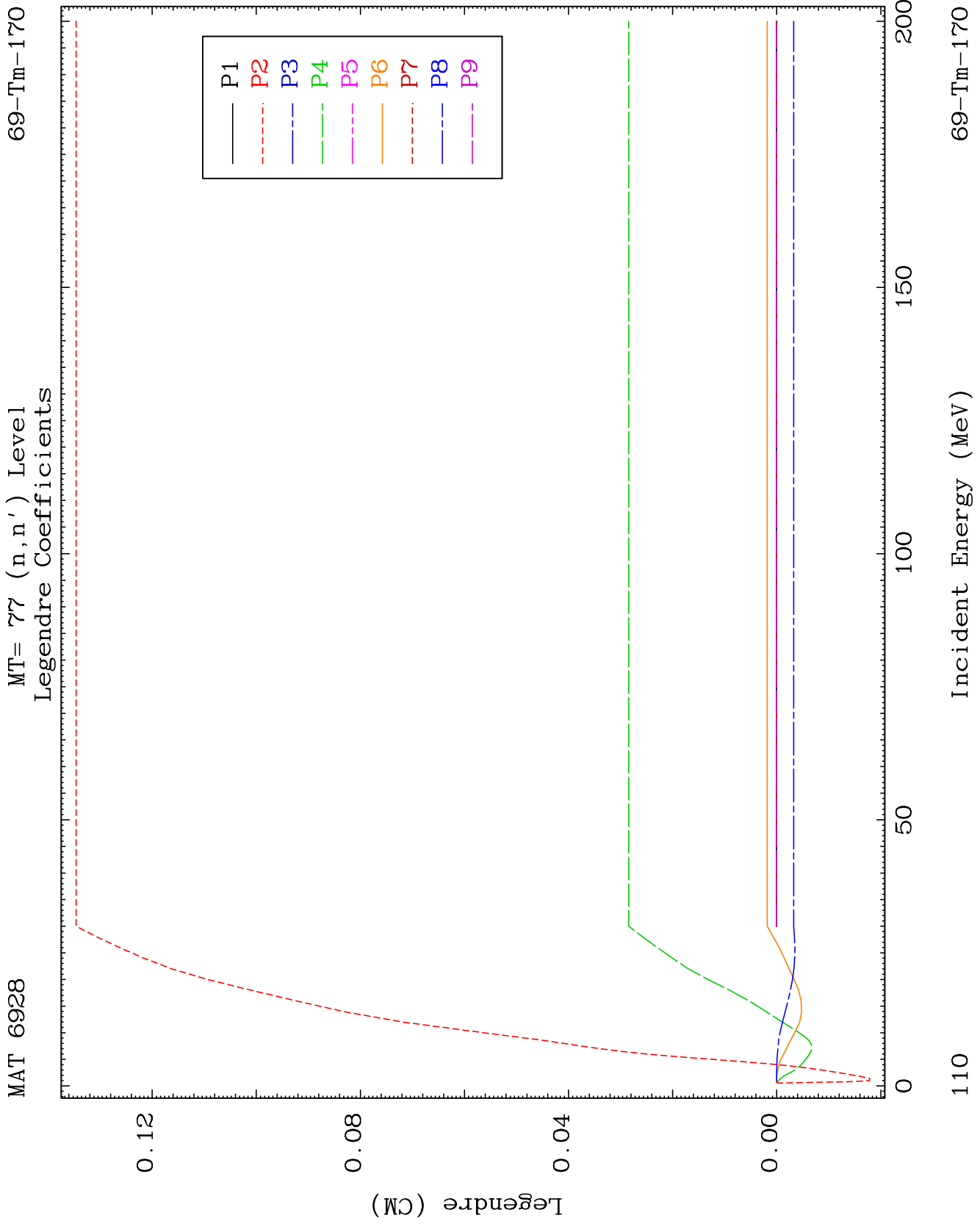


108

Incident Energy (MeV)

69-Tm-170

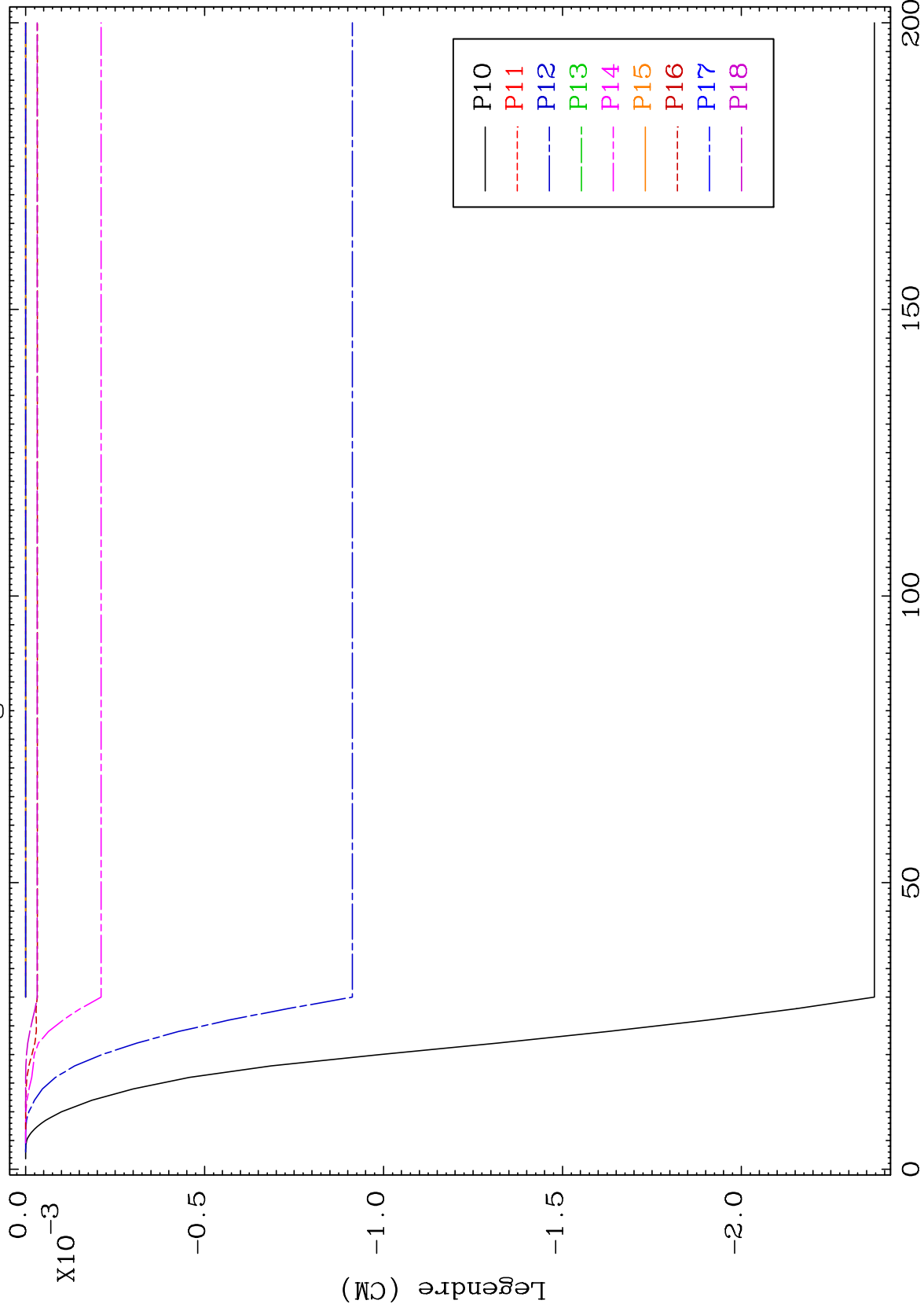




MAT 6928

MT= 77 (n,n') Level
Legendre Coefficients

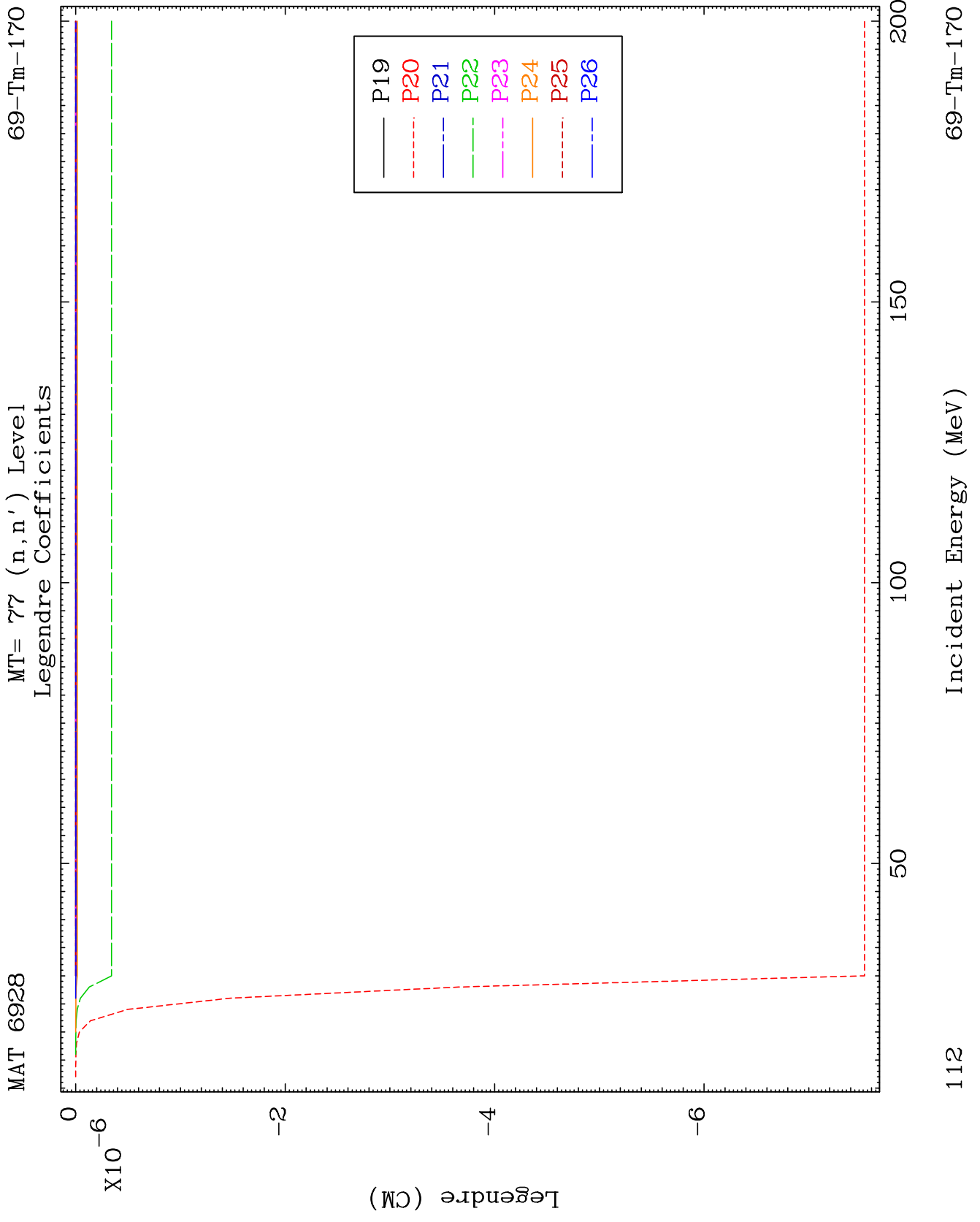
69-Tm-170

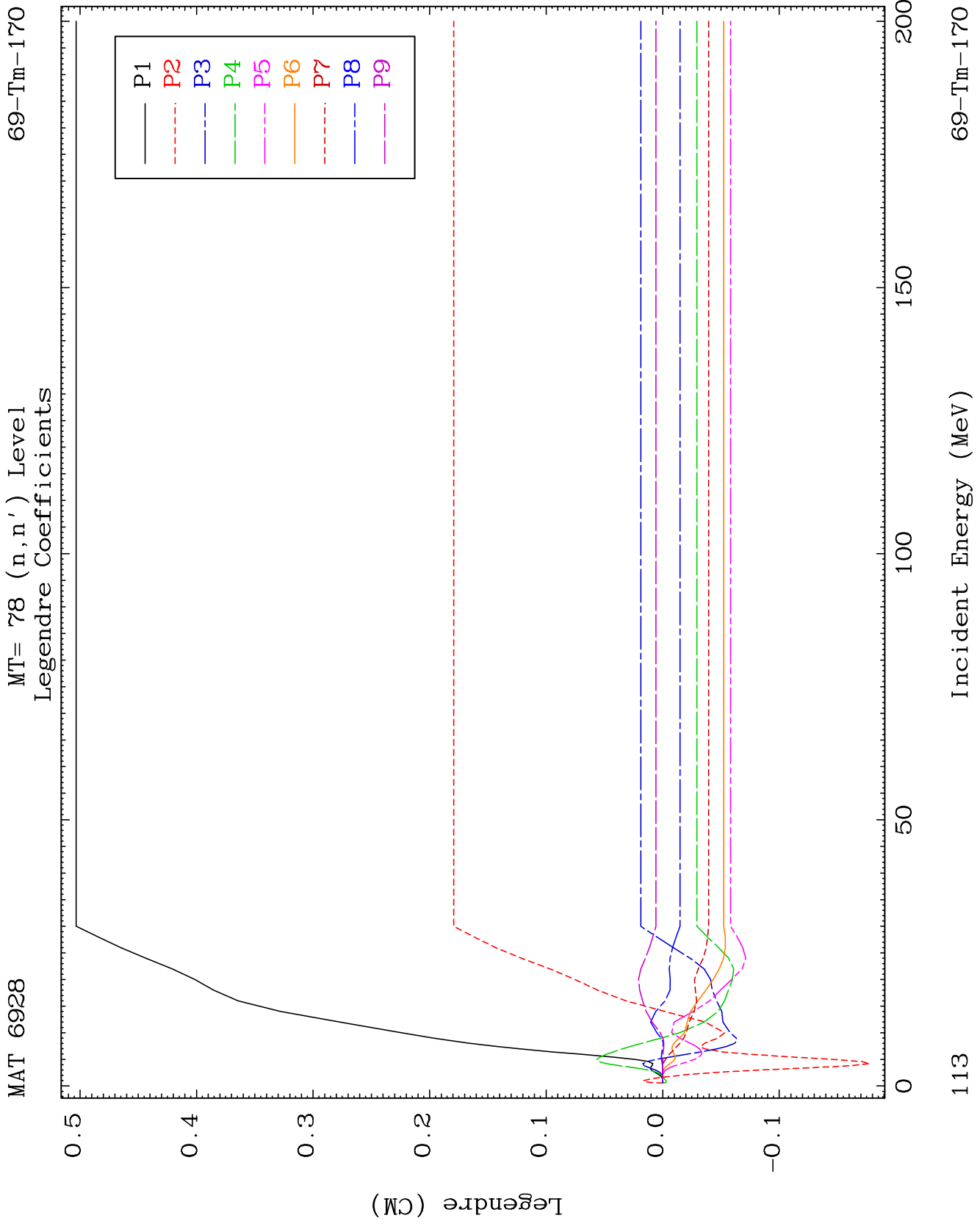


111

Incident Energy (MeV)

69-Tm-170

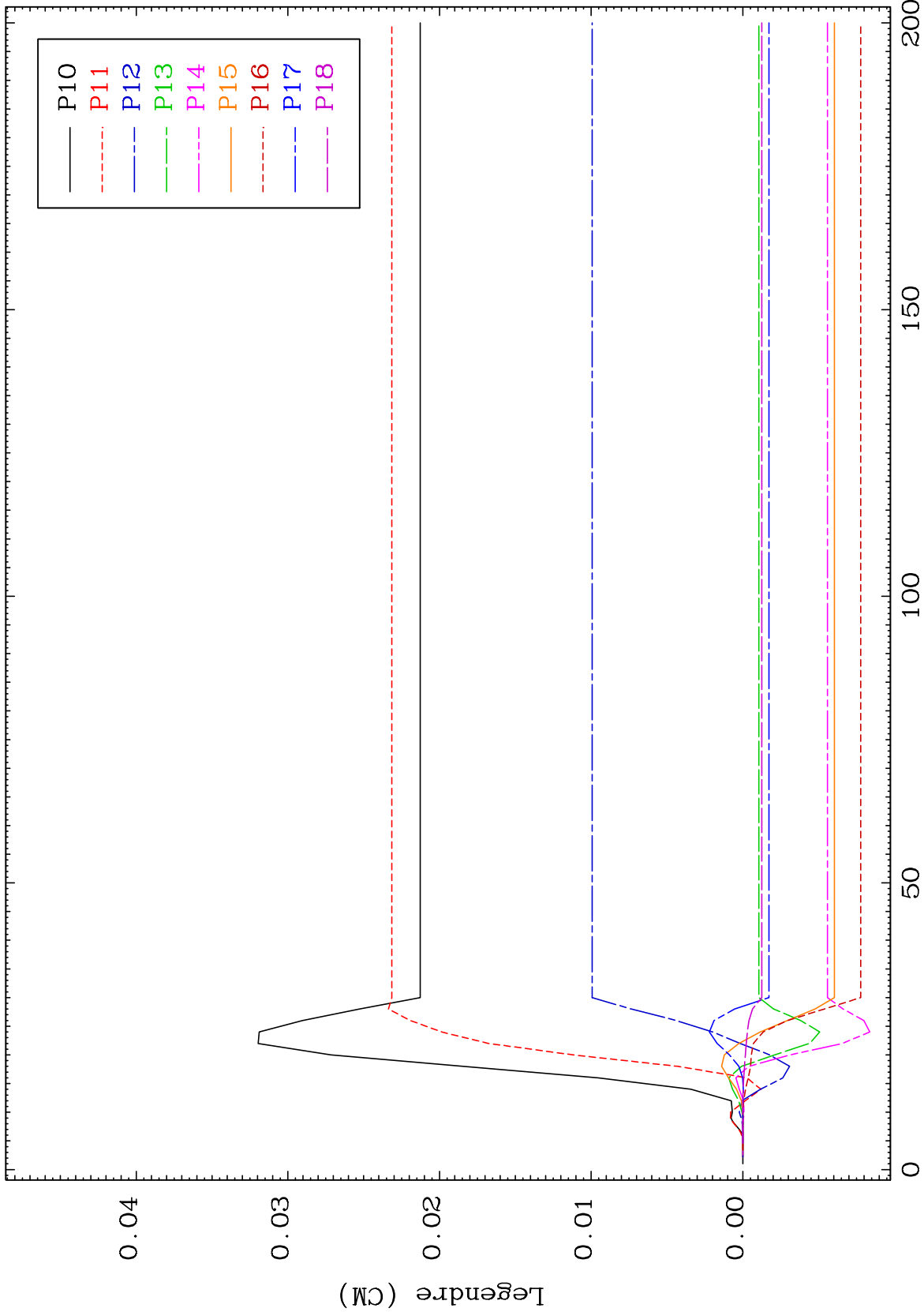




MAT 6928

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

69-Tm-170



114

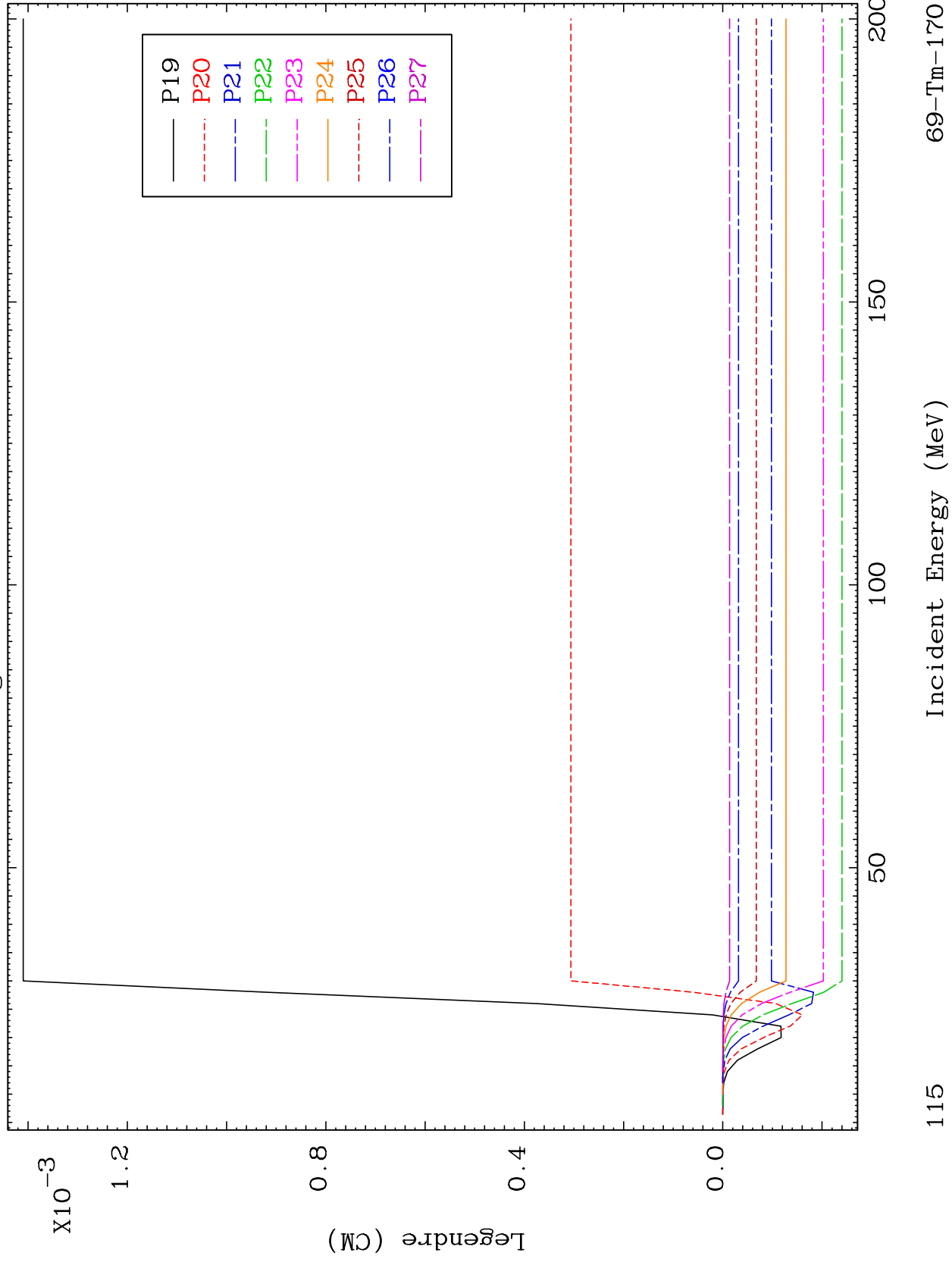
Incident Energy (MeV)

69-Tm-170

MAT 6928

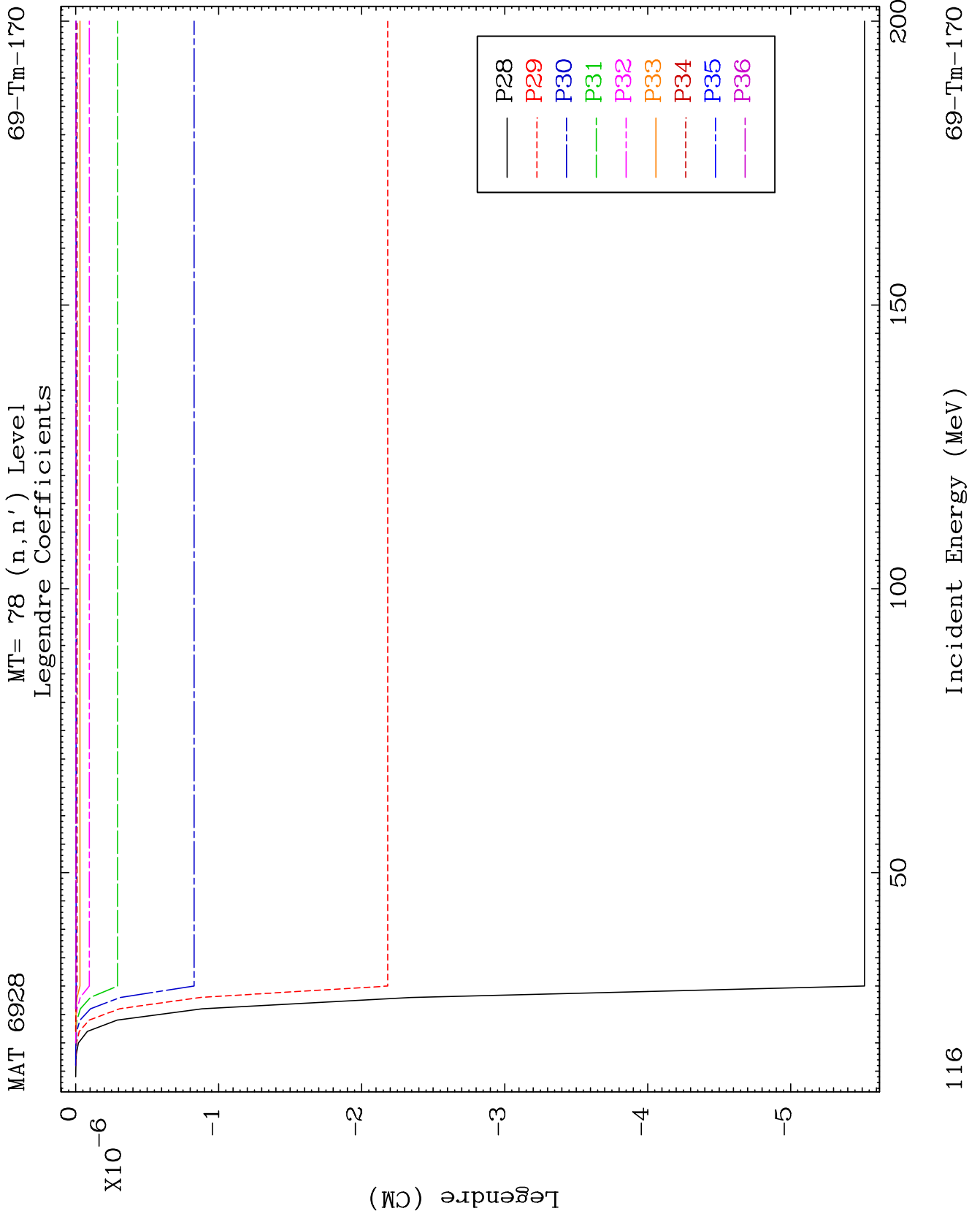
MT= 78 (n,n') Level
Legendre Coefficients

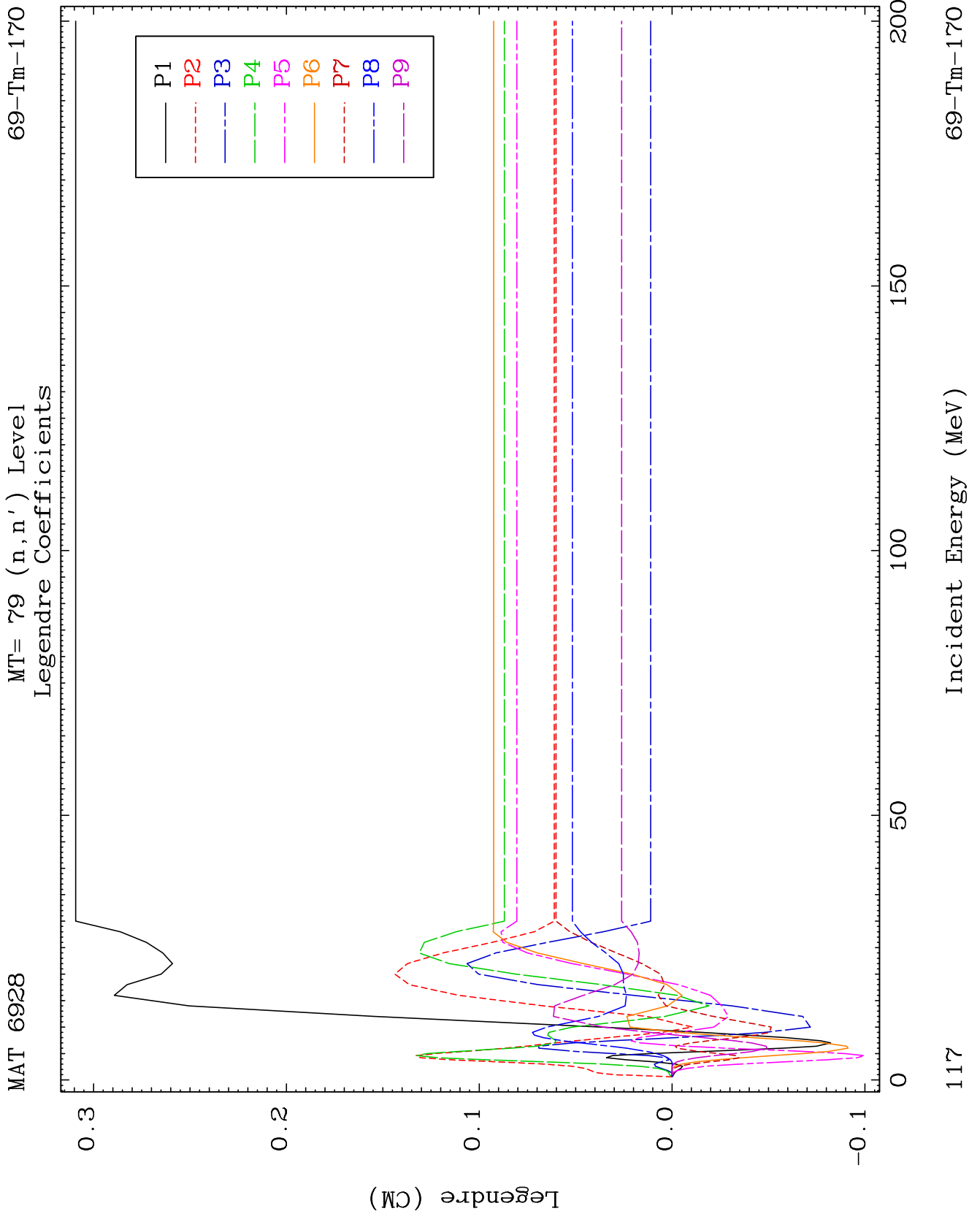
69-Tm-170

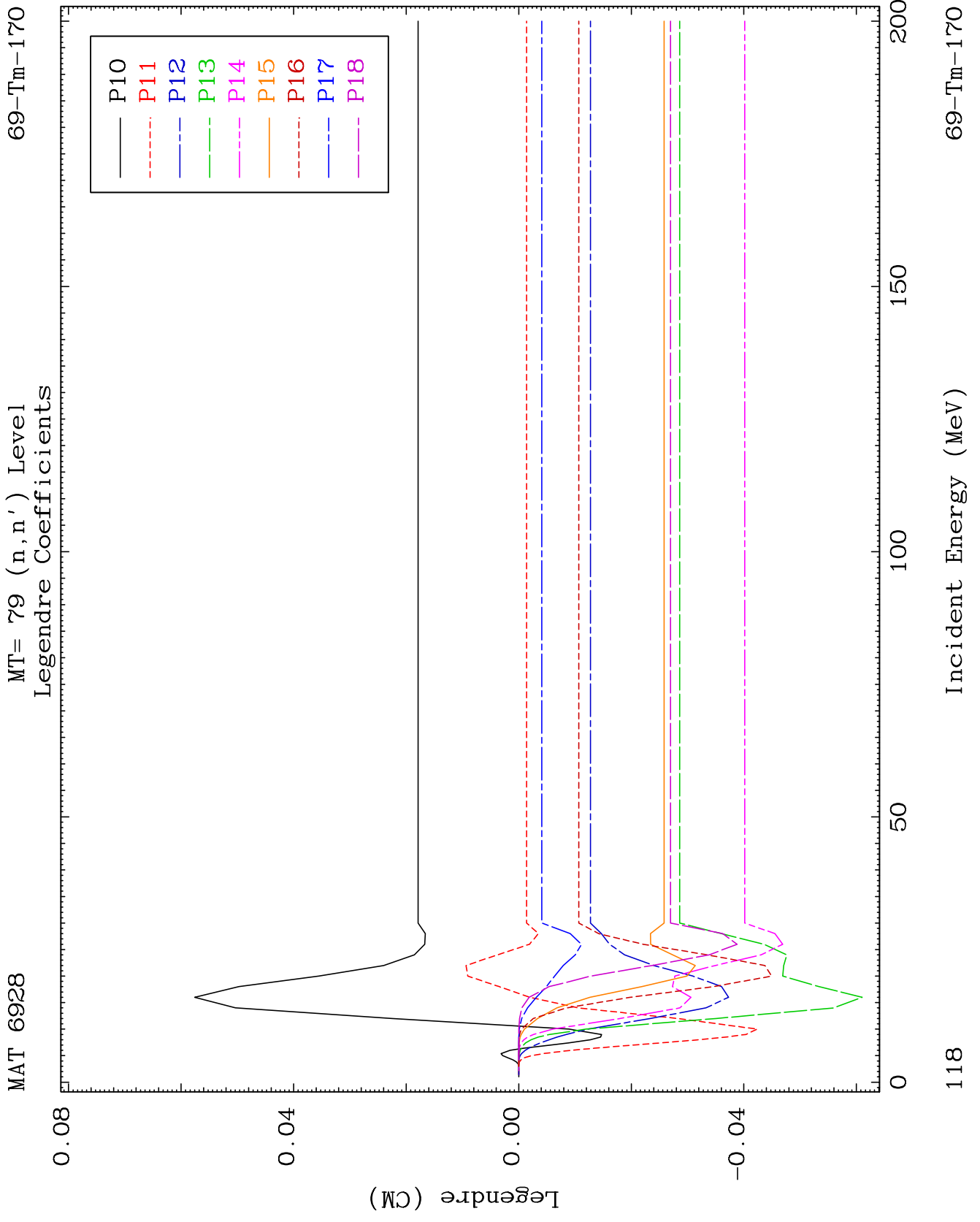


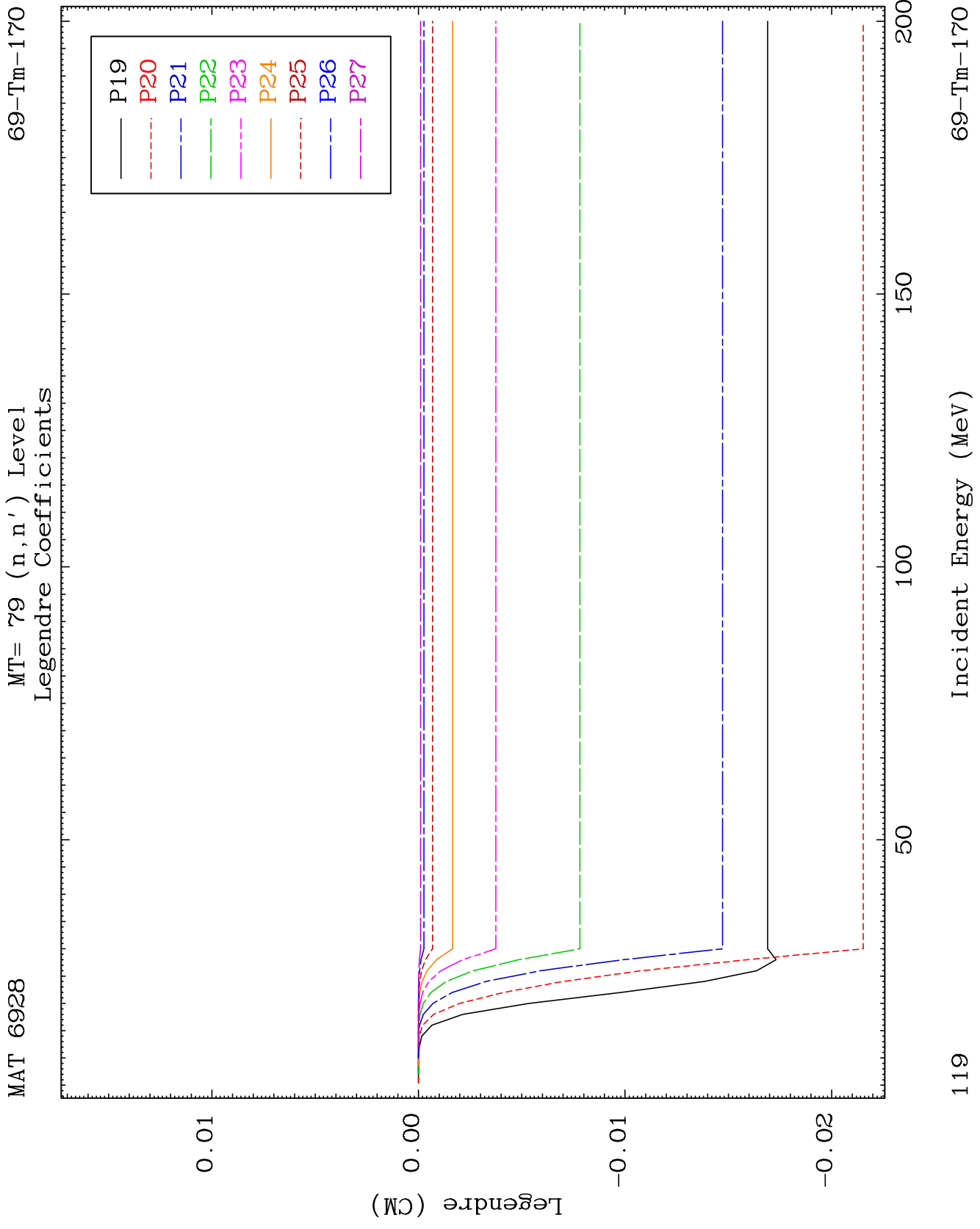
115

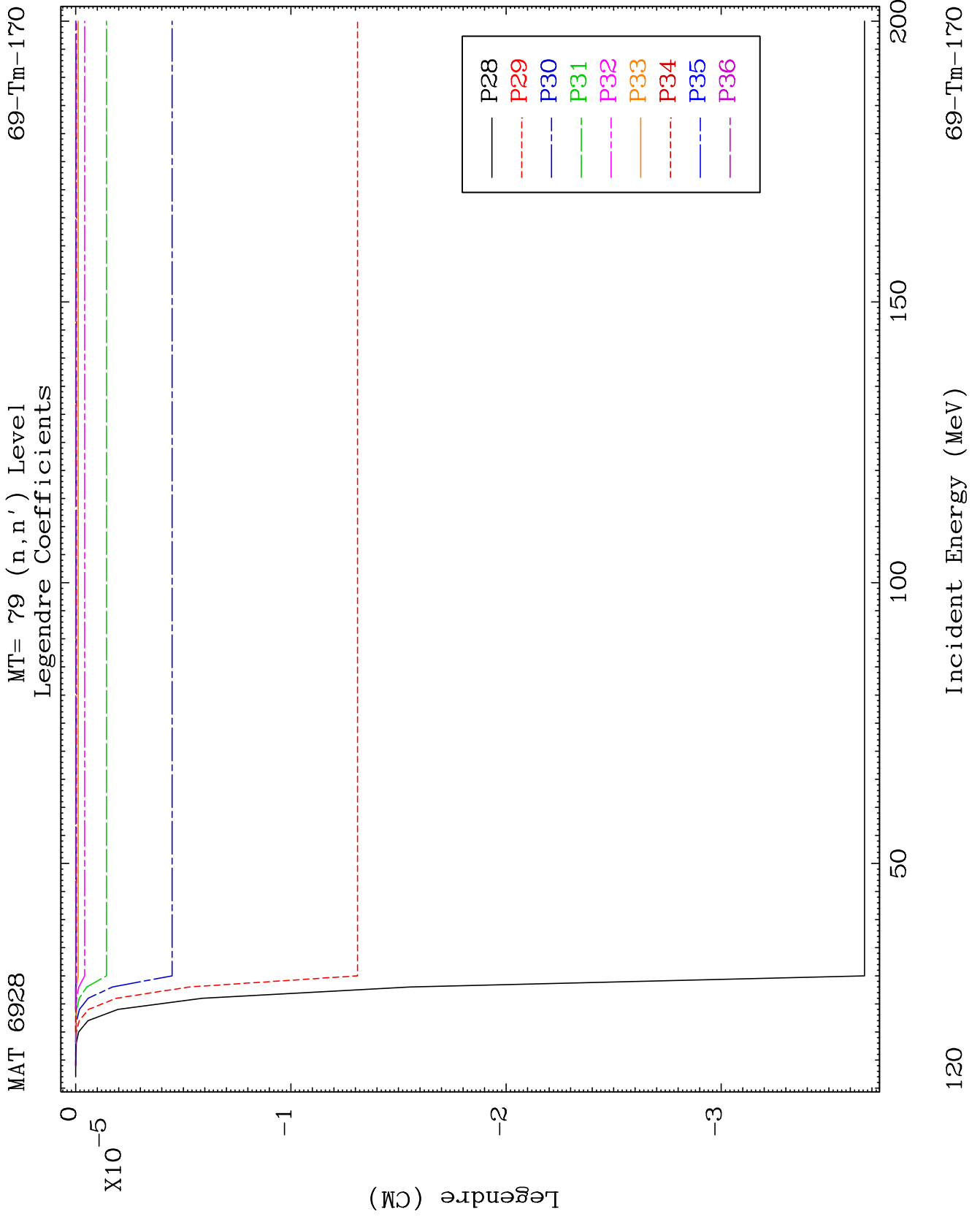
69-Tm-170

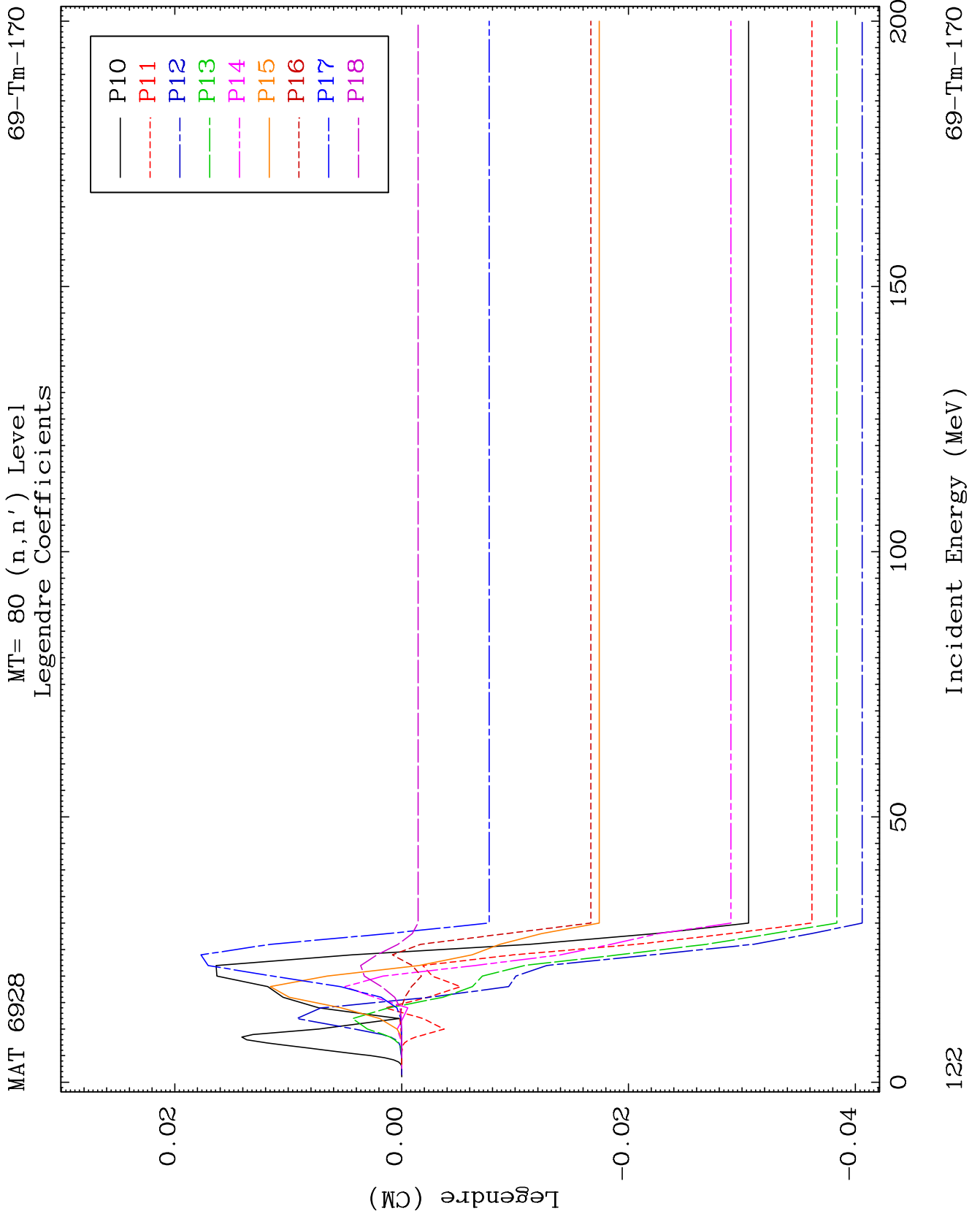








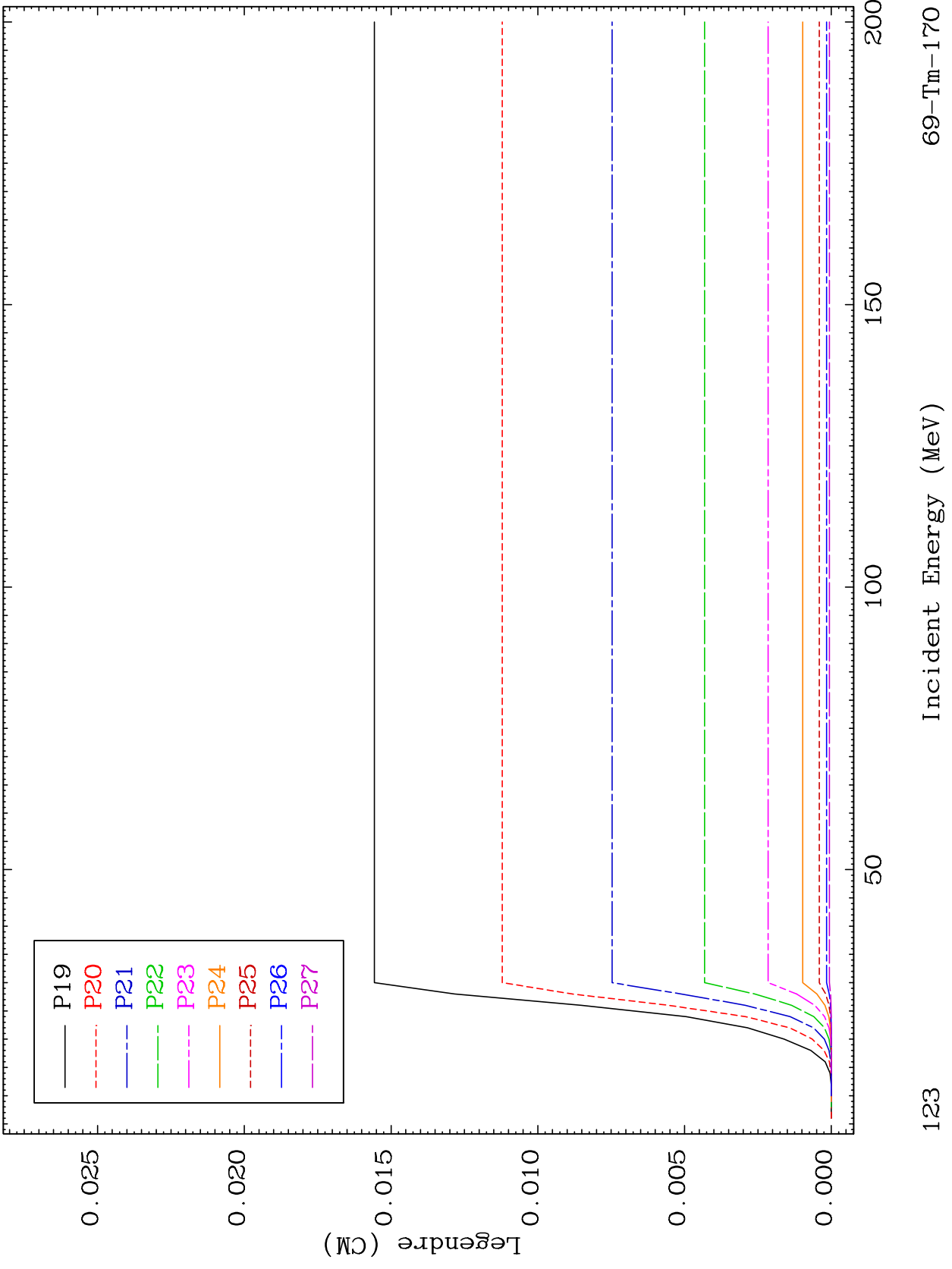




MAT 6928

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

69-Tm-170



123

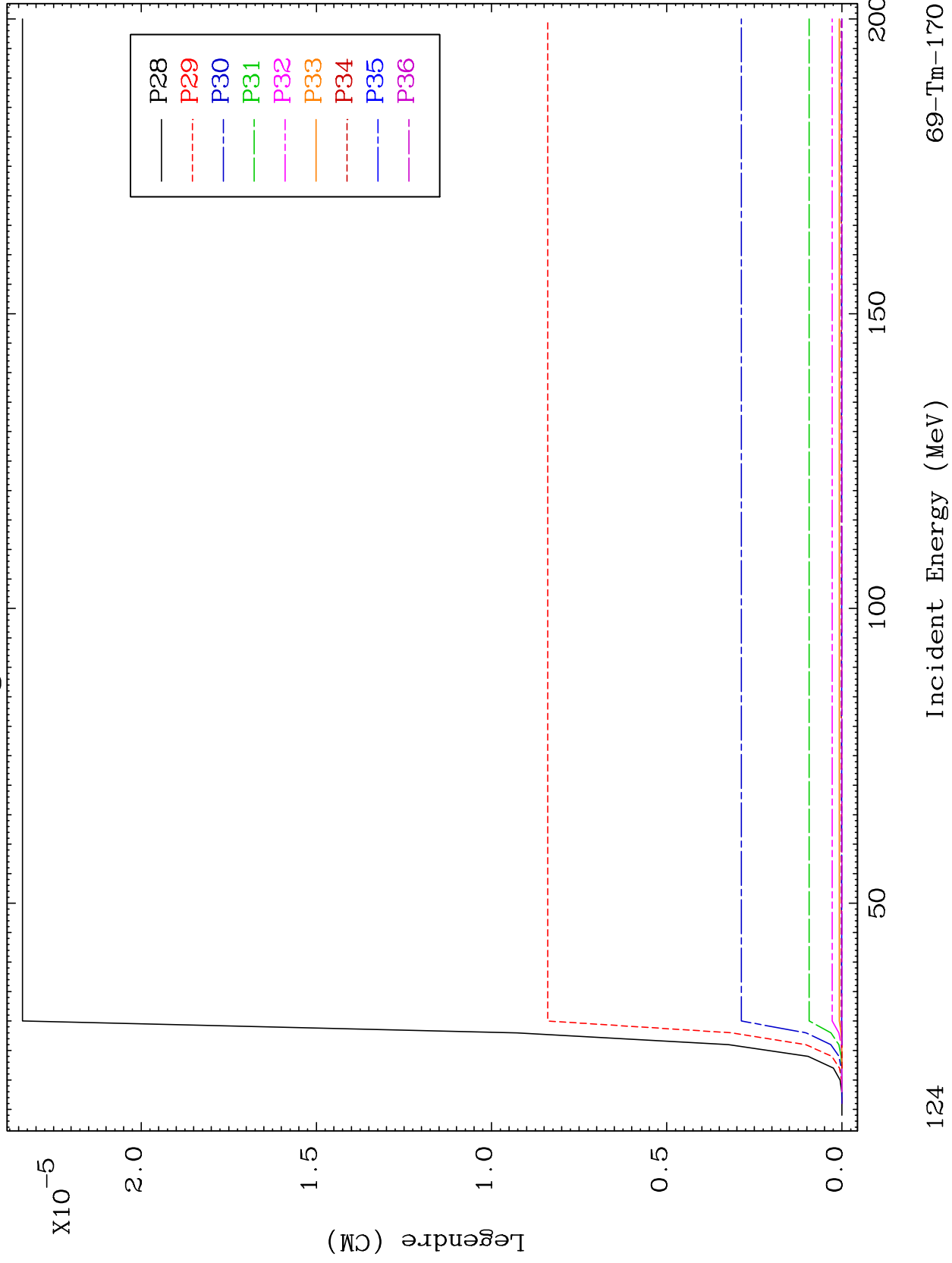
Incident Energy (MeV)

69-Tm-170

MAT 6928

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

69-Tm-170



124

Incident Energy (MeV)

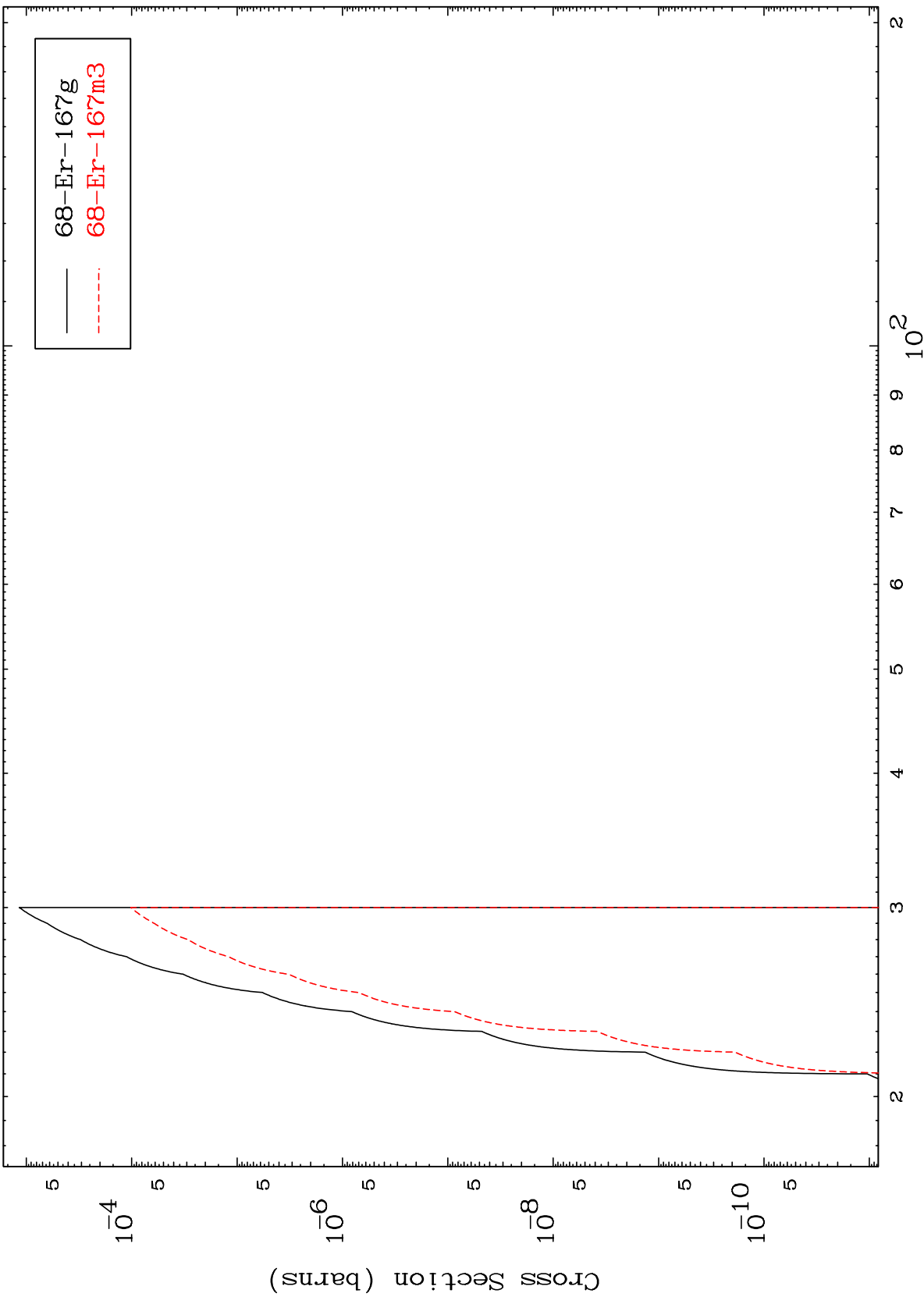
69-Tm-170

MAT 6928

(n,2n) d

69-Tm-170

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3

125

Incident Energy (MeV)

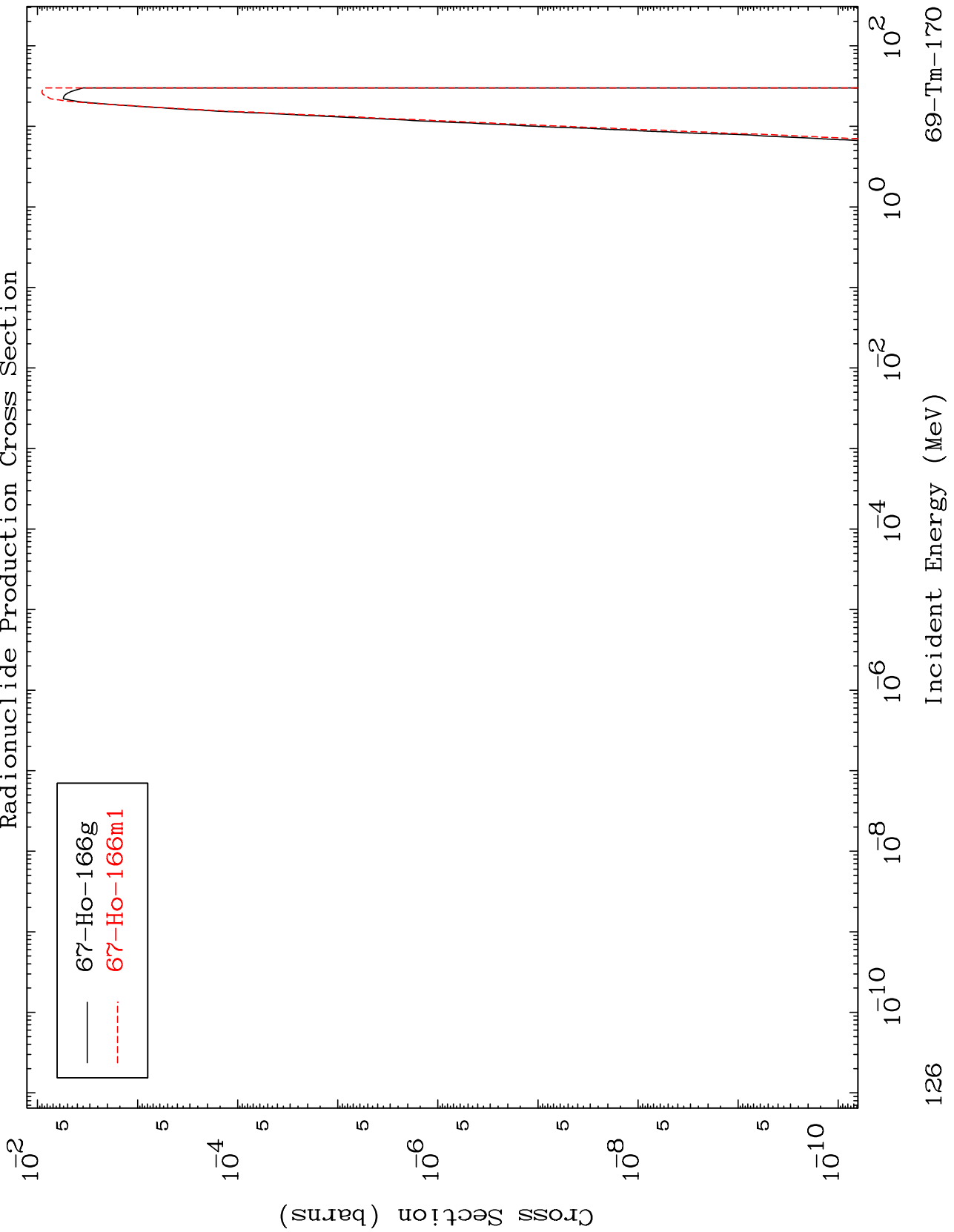
69-Tm-170

MAT 6928

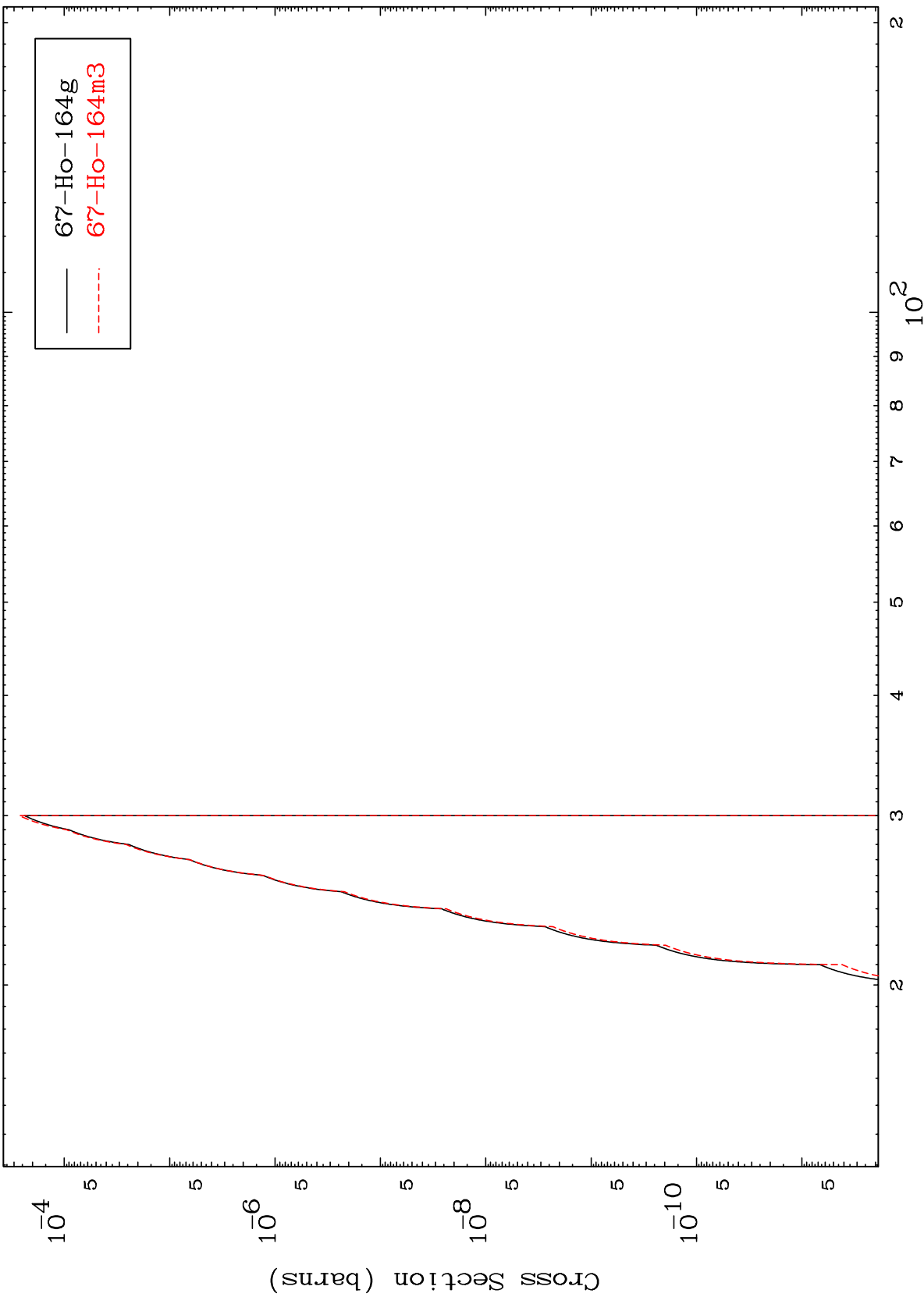
$(n, n') \alpha$

69-Tm-170

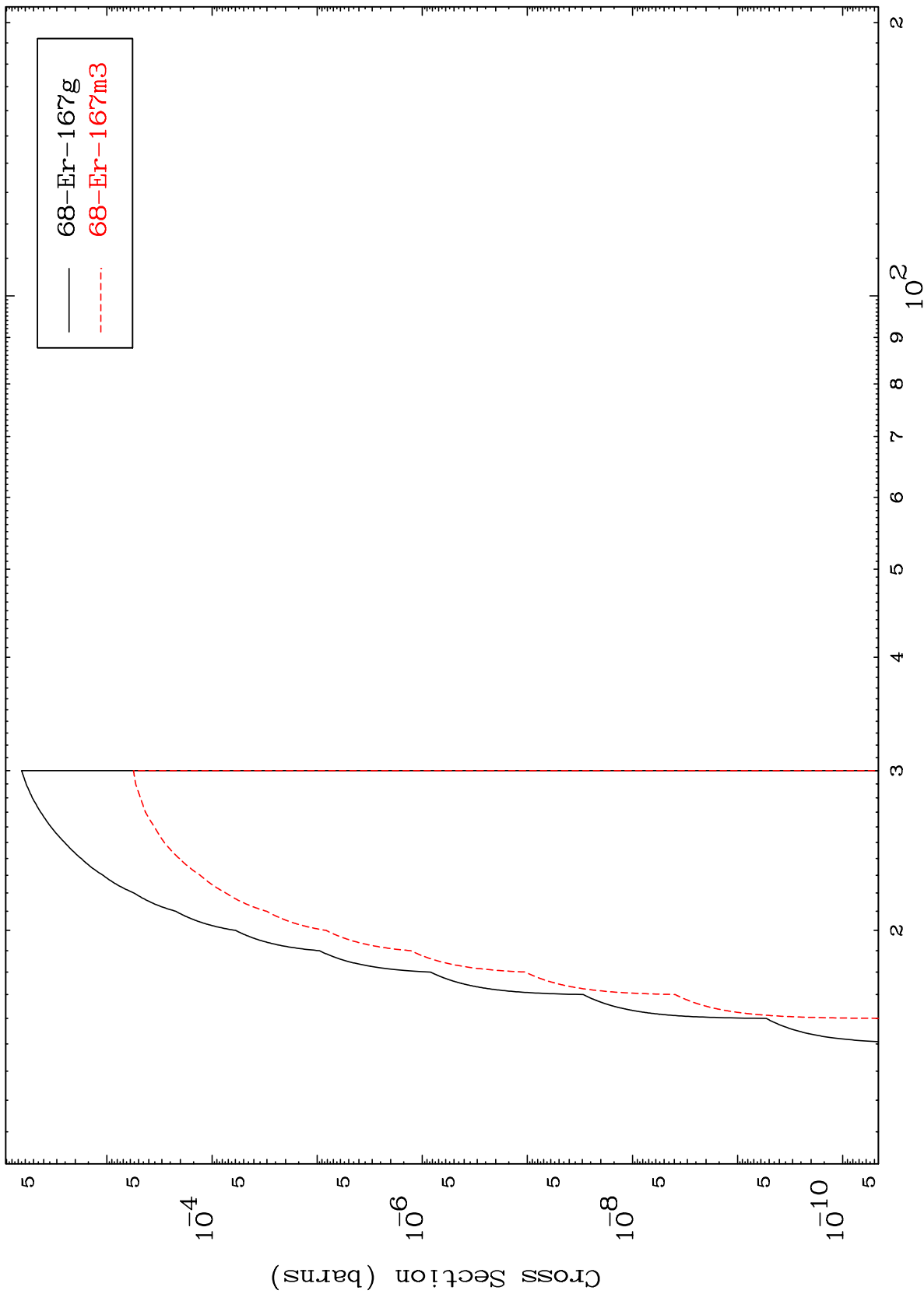
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

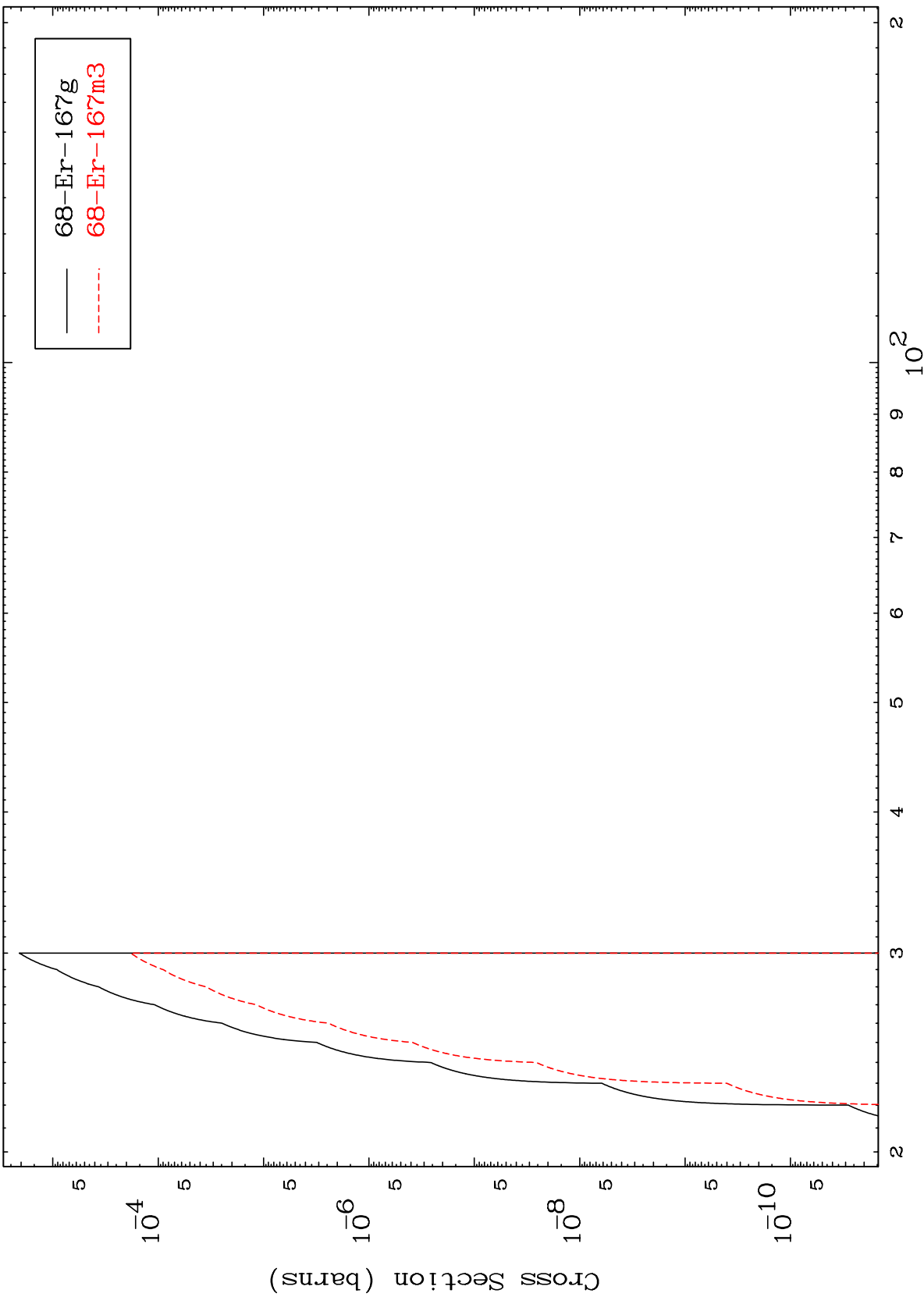


MAT 6928

(n,3n) p

69-Tm-170

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3

129

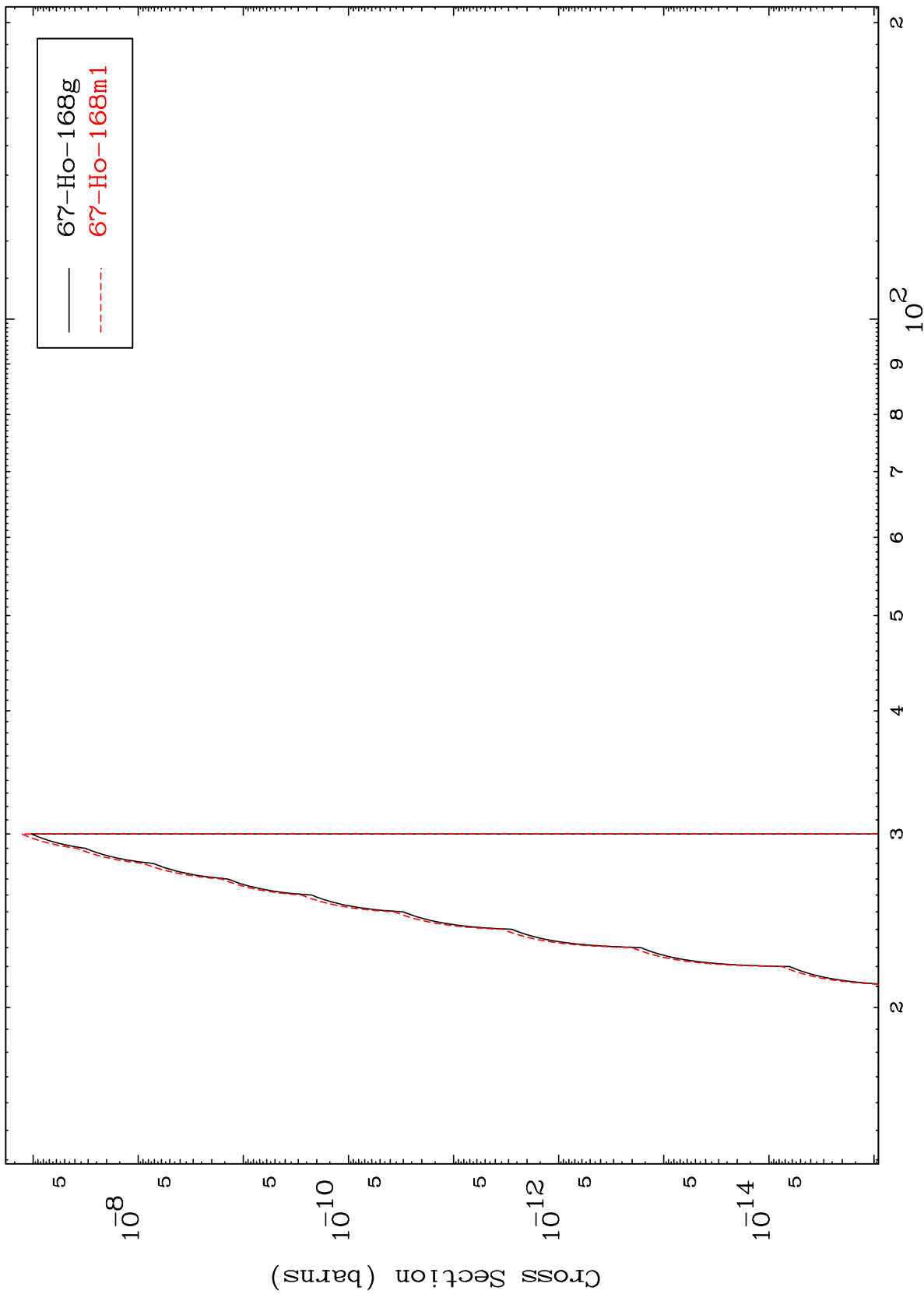
Incident Energy (MeV)

69-Tm-170

MAT 6928

69-Tm-170

(n,2n) p
Radionuclide Production Cross Section



130

Incident Energy (MeV)

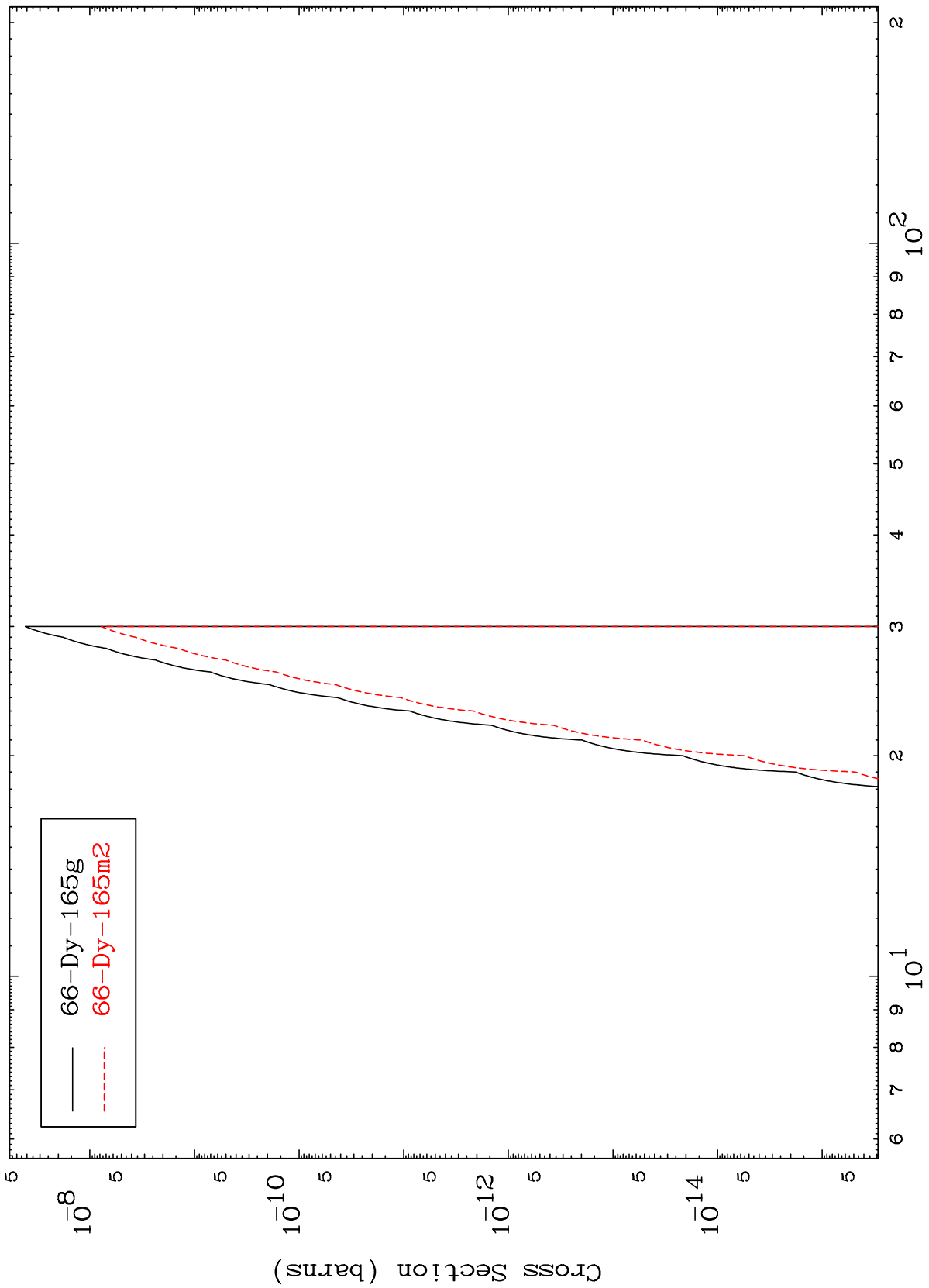
69-Tm-170

MAT 6928

(n,n') p α

69-Tm-170

Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2

131

Incident Energy (MeV)

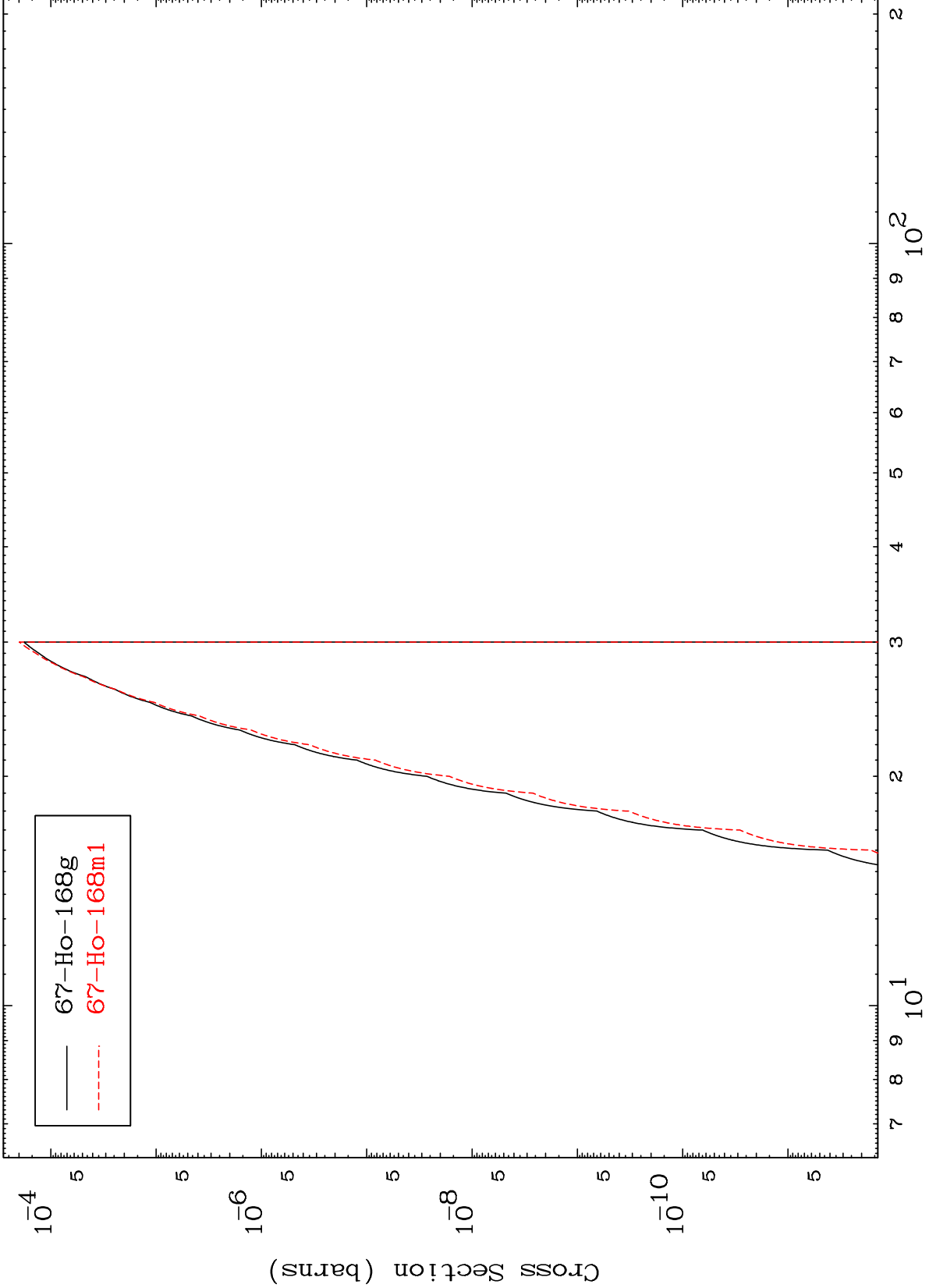
69-Tm-170

MAT 6928

(n,He-3)

69-Tm-170

Radionuclide Production Cross Section



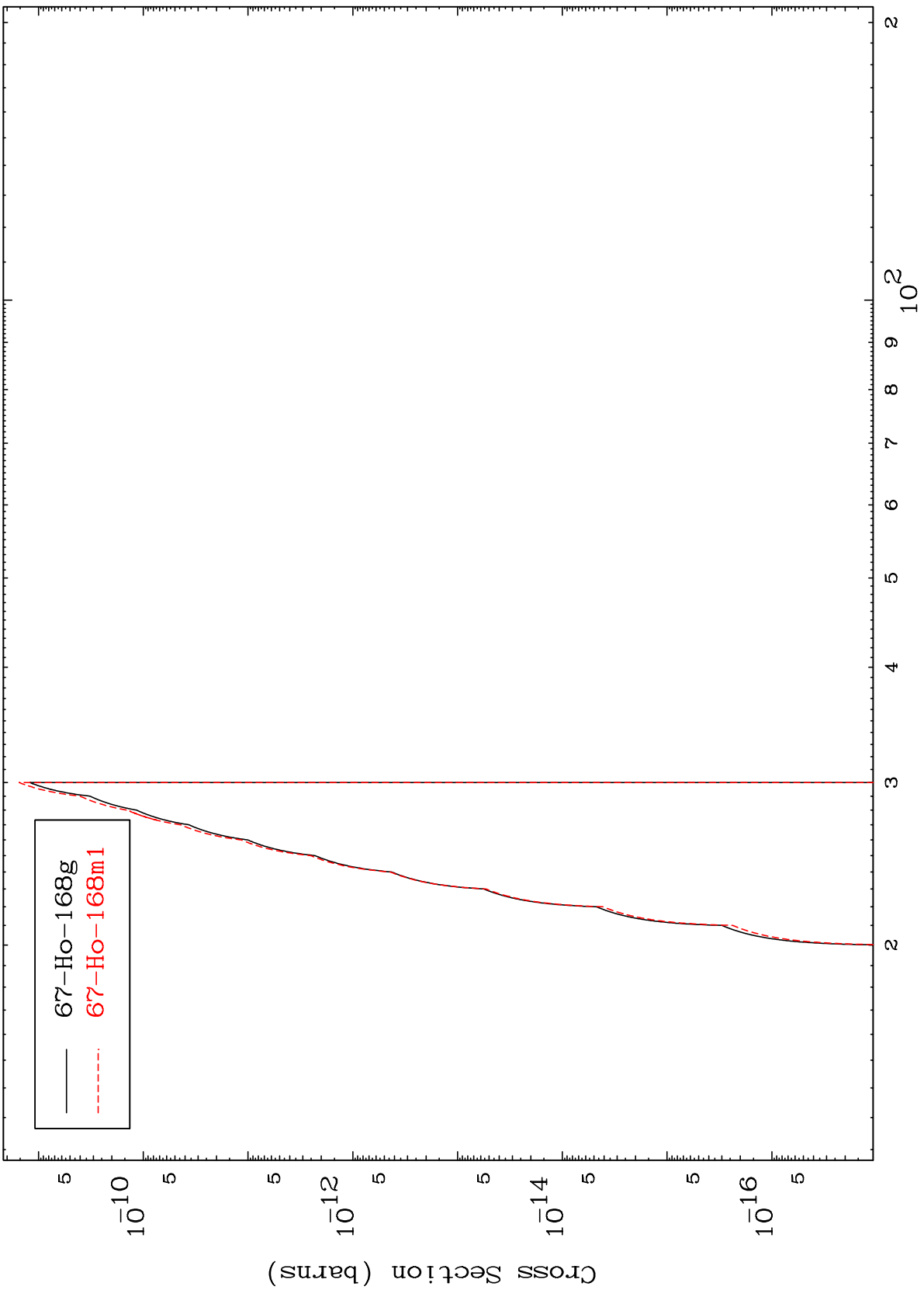
67-Ho-168g
67-Ho-168m1

132

Incident Energy (MeV)

69-Tm-170

Radionuclide Production Cross Section

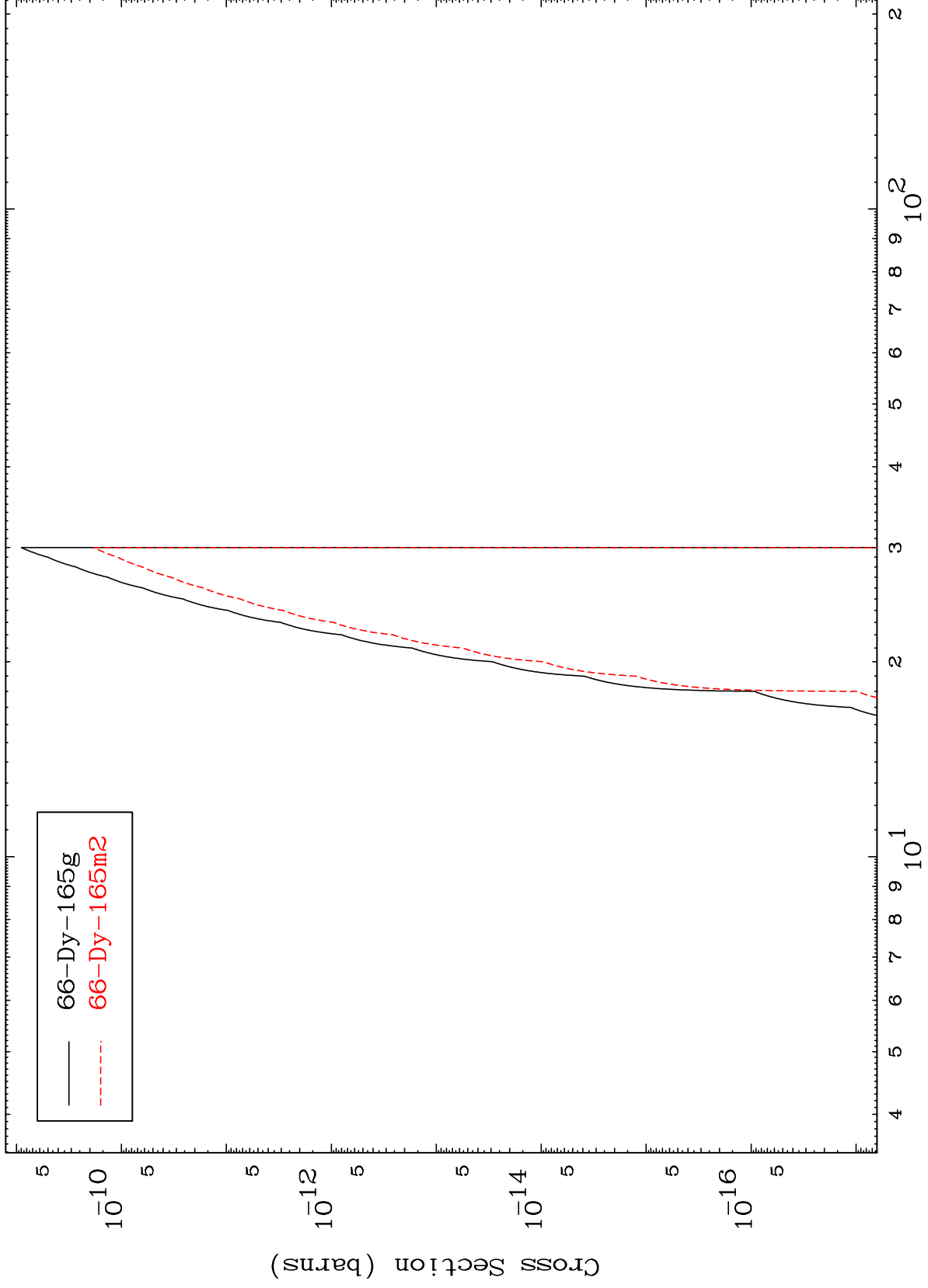


MAT 6928

(n,d) α

69-Tm-170

Radionuclide Production Cross Section



— 66-Dy-165g
- - - 66-Dy-165m2

134

Incident Energy (MeV)

69-Tm-170