

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

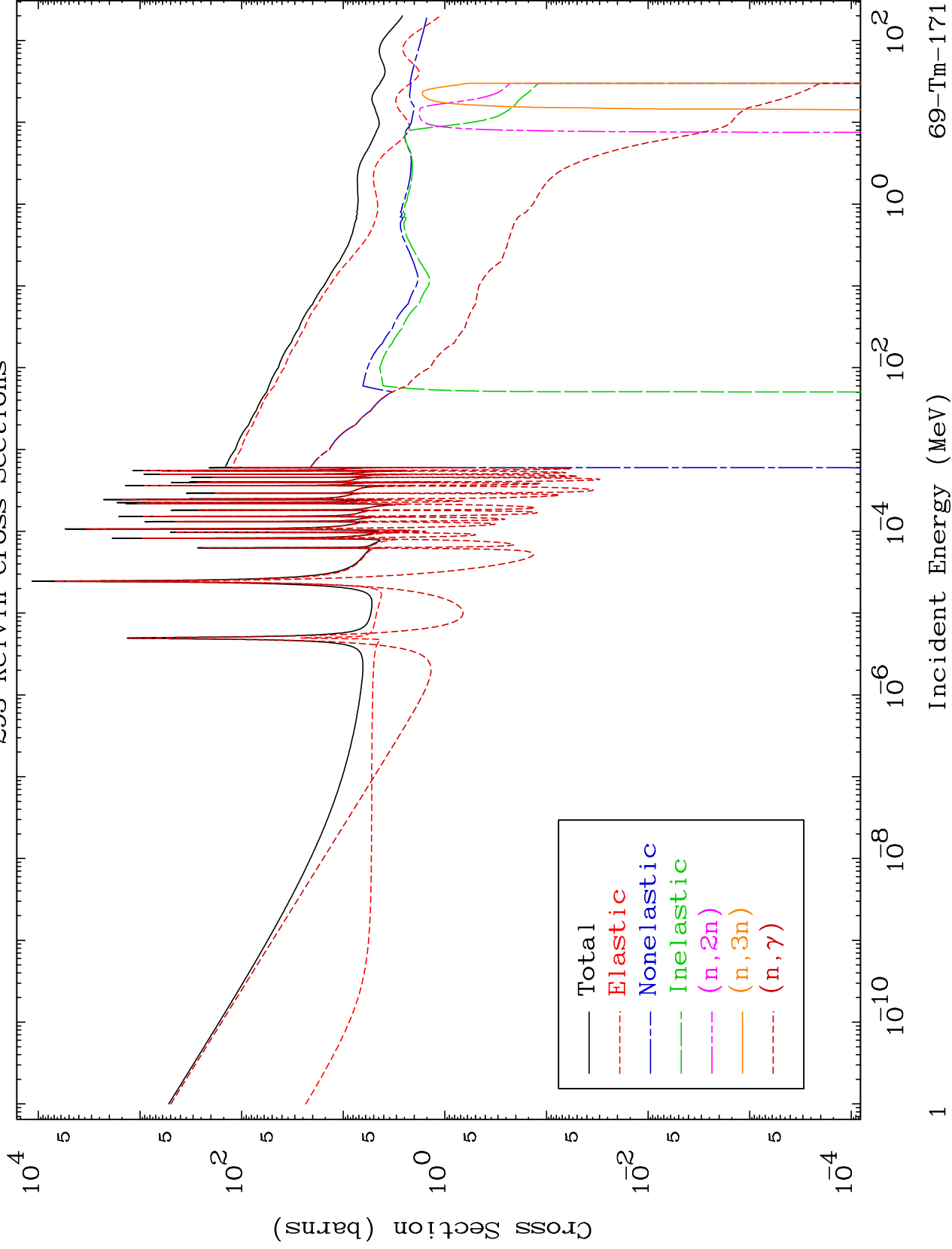
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6931

Neutron Major
293 Kelvin Cross Sections

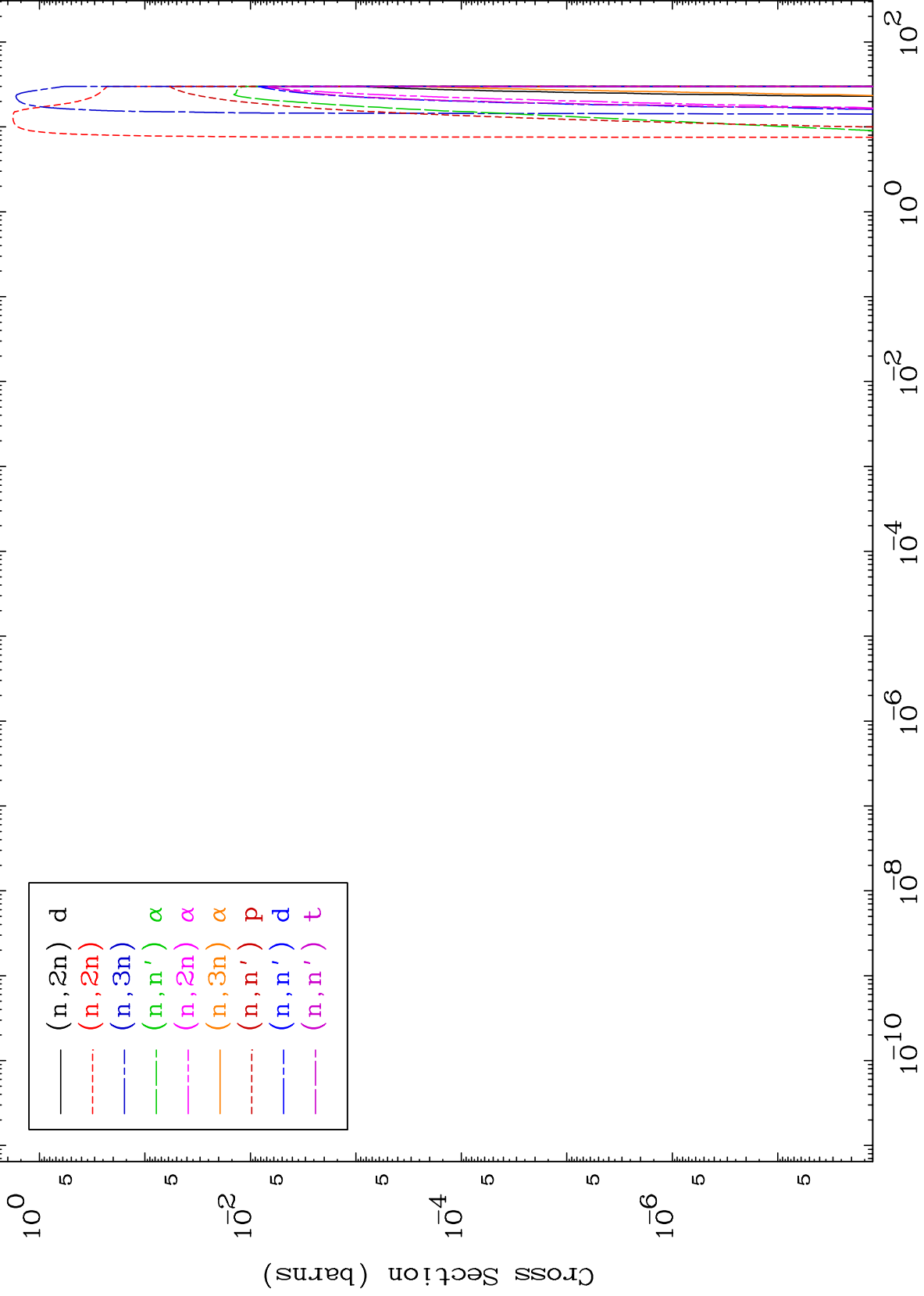
69-Tm-171



MAT 6931

Neutron Absorption
293 Kelvin Cross Sections

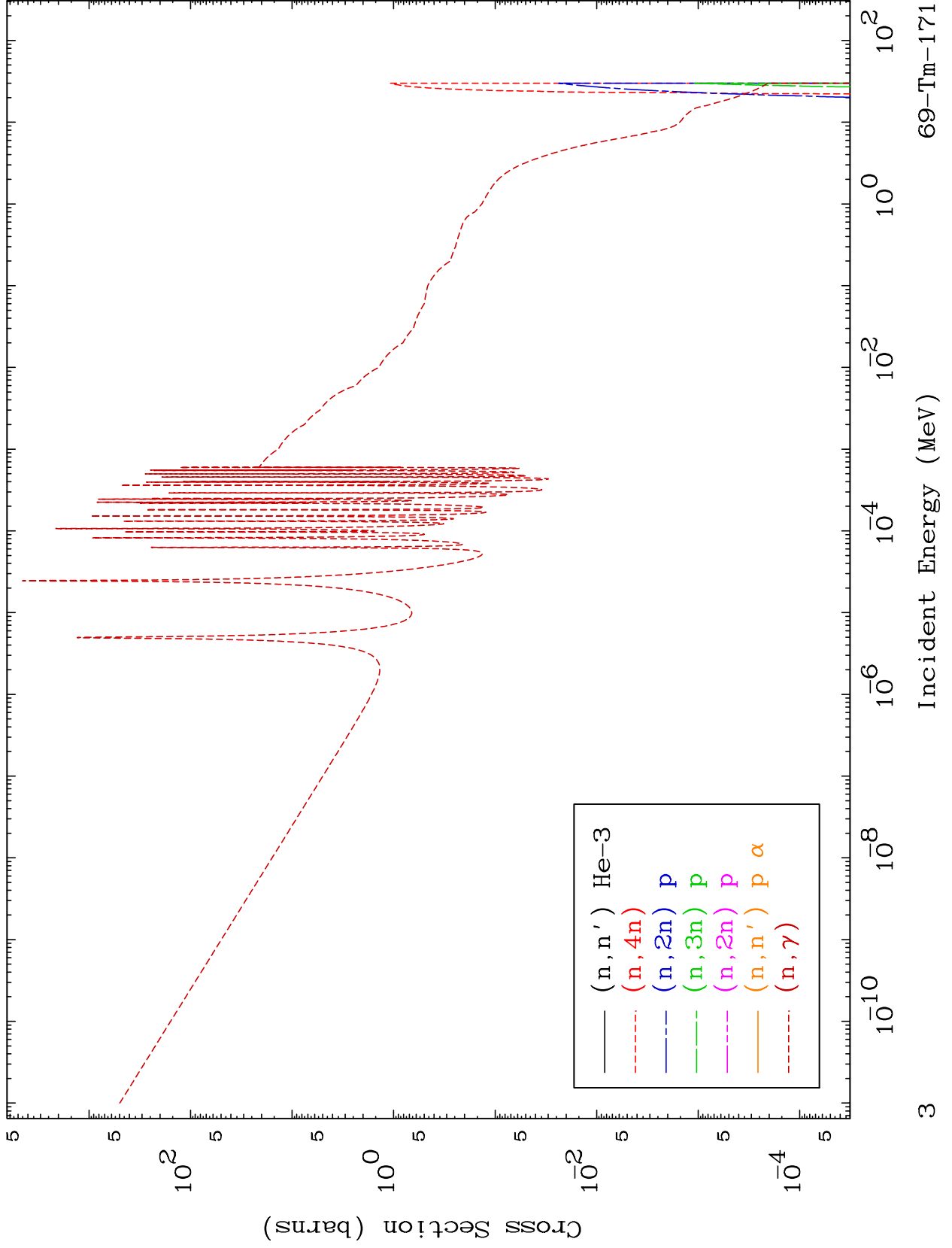
69-Tm-171



MAT 6931

Neutron Absorption
293 Kelvin Cross Sections

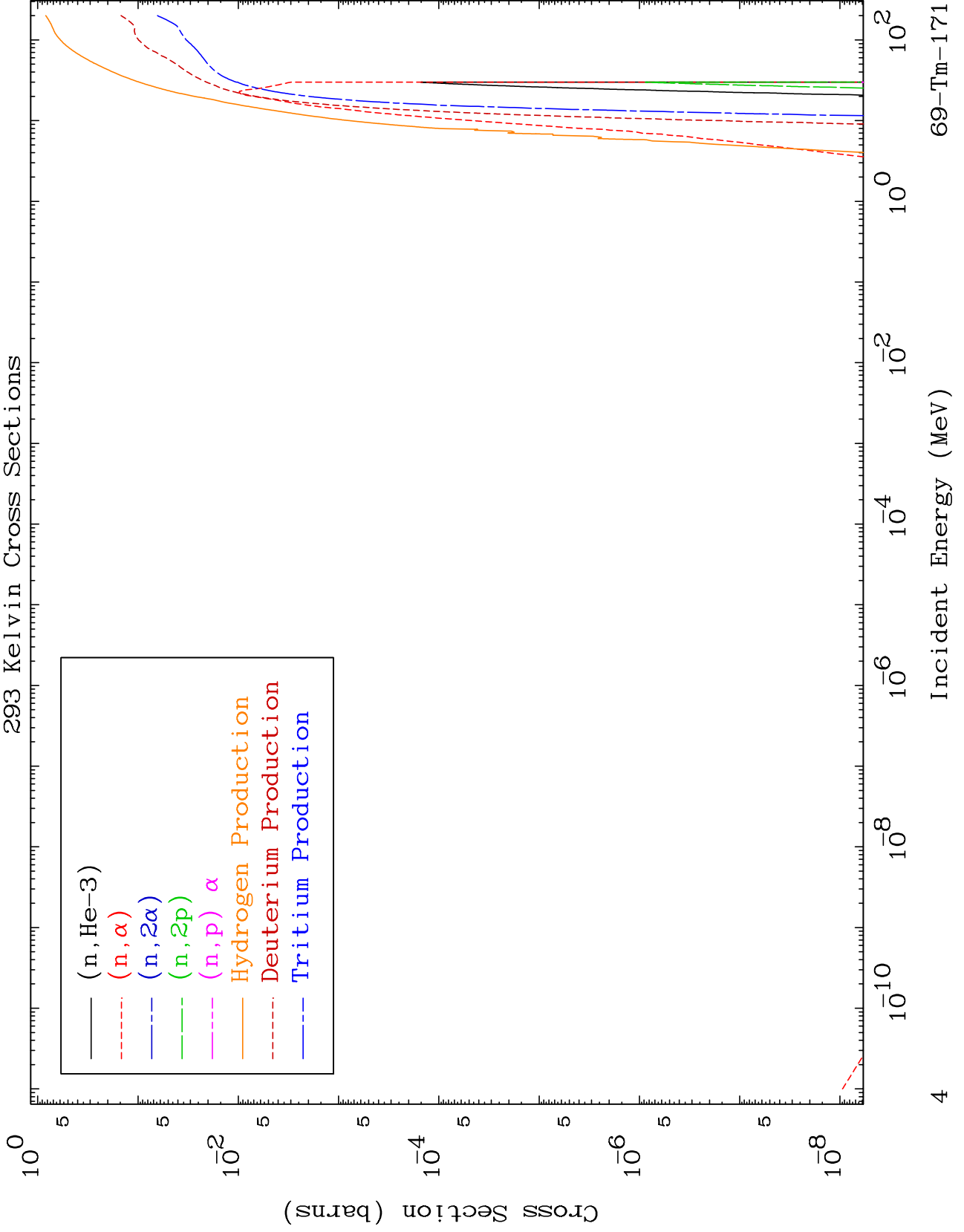
69-Tm-171



MAT 6931

Neutron Absorption
293 Kelvin Cross Sections

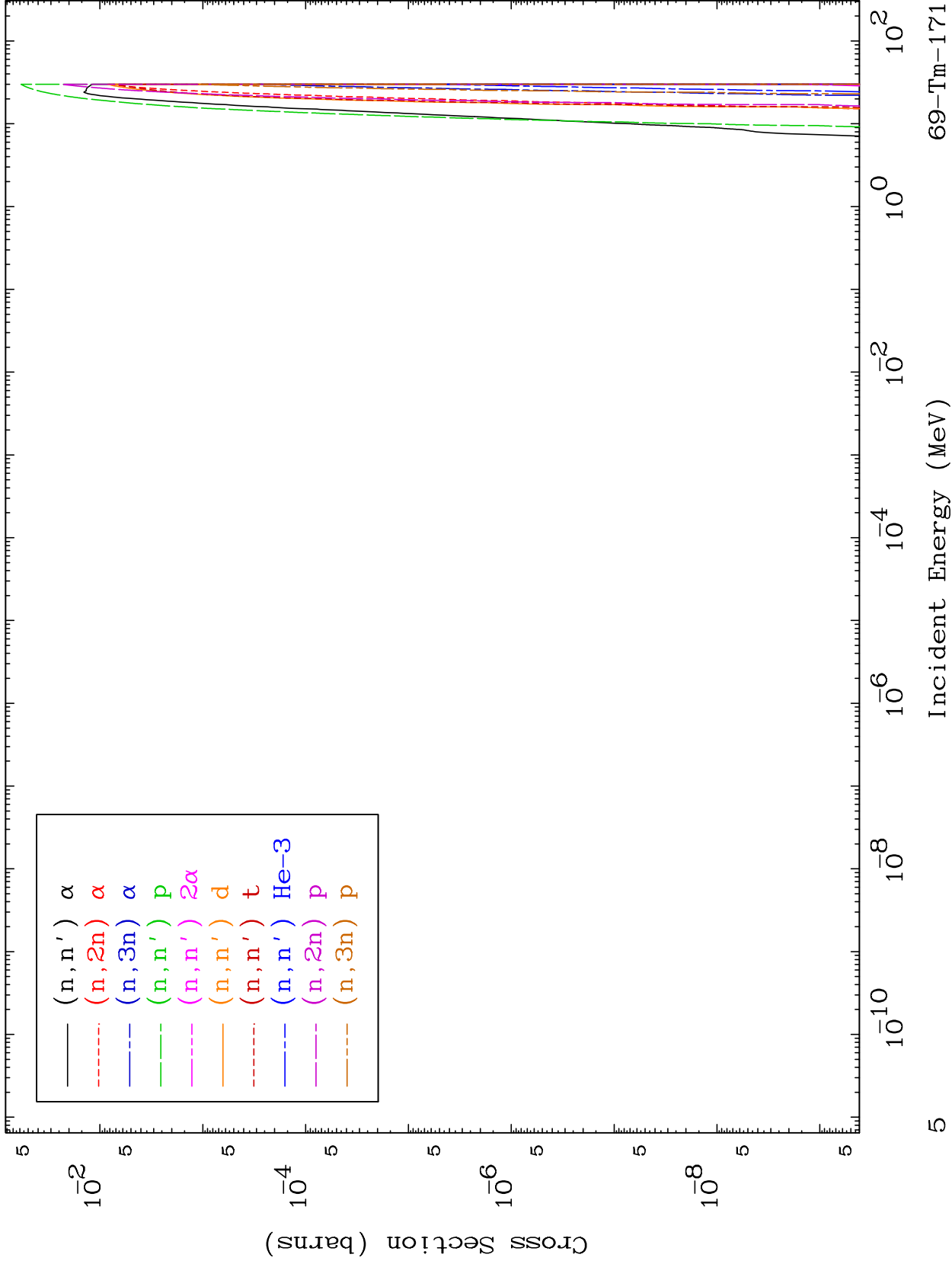
69-Tm-171



MAT 6931

Charged Particle
293 Kelvin Cross Sections

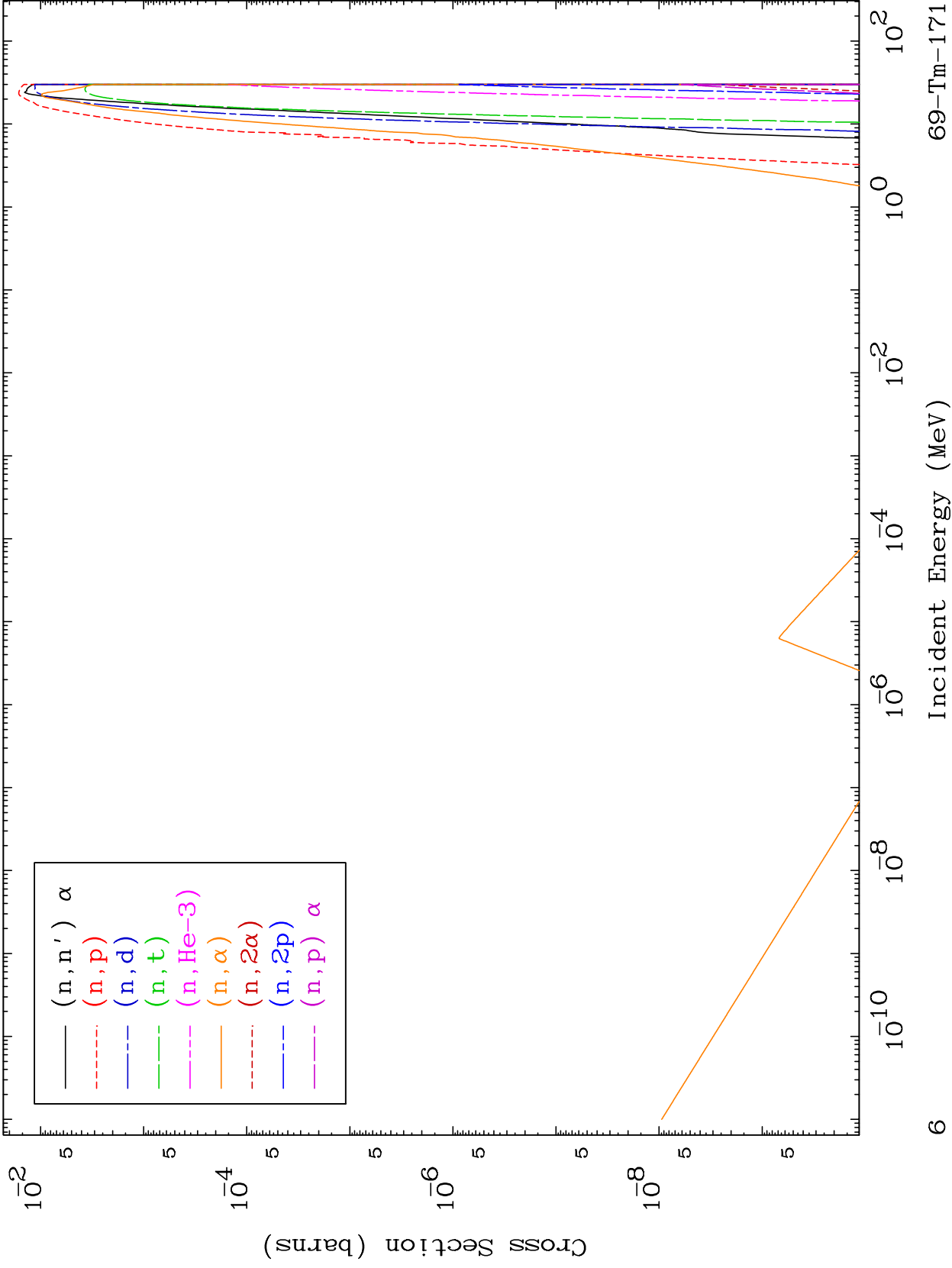
69-Tm-171



MAT 6931

Charged Particle
293 Kelvin Cross Sections

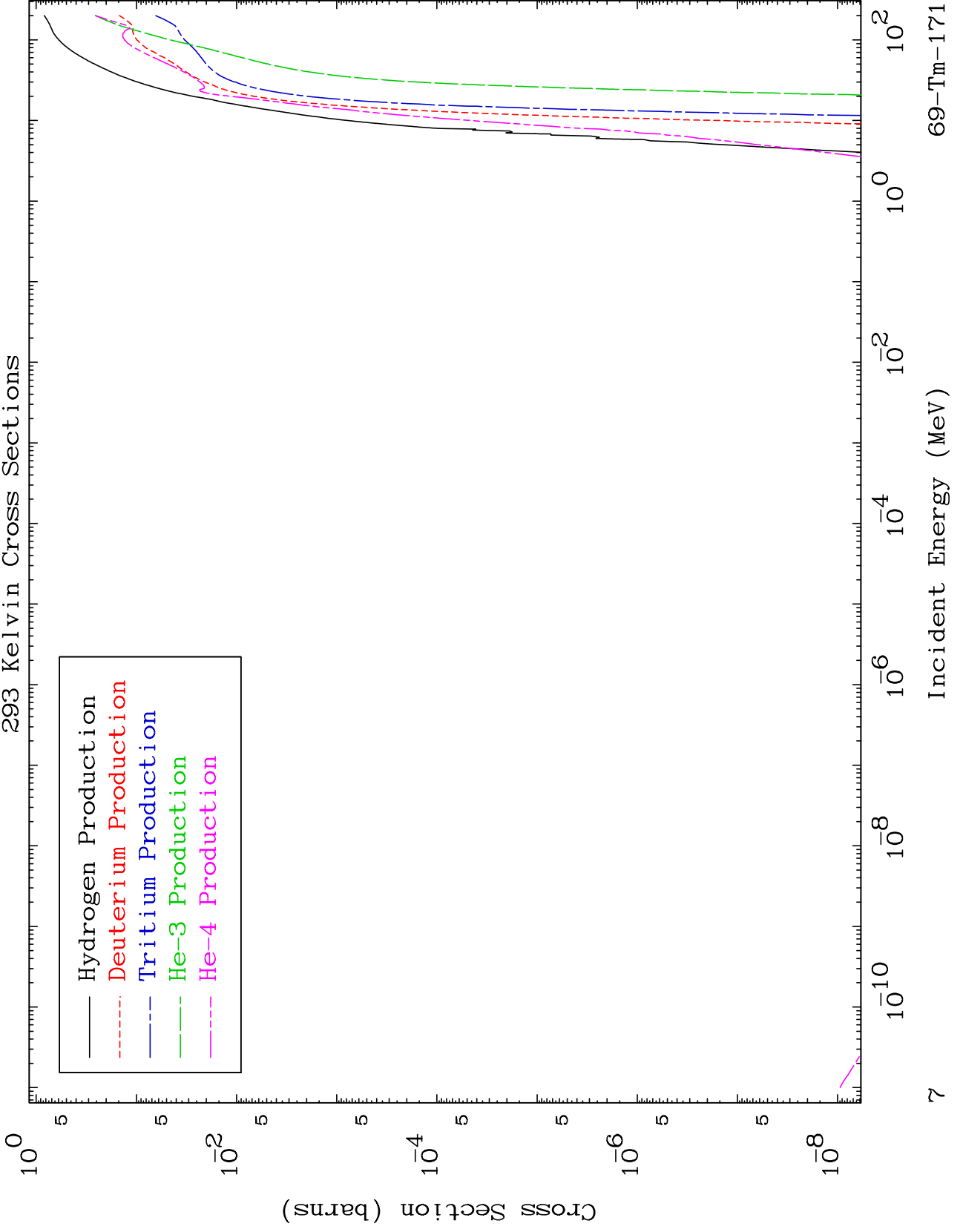
69-Tm-171

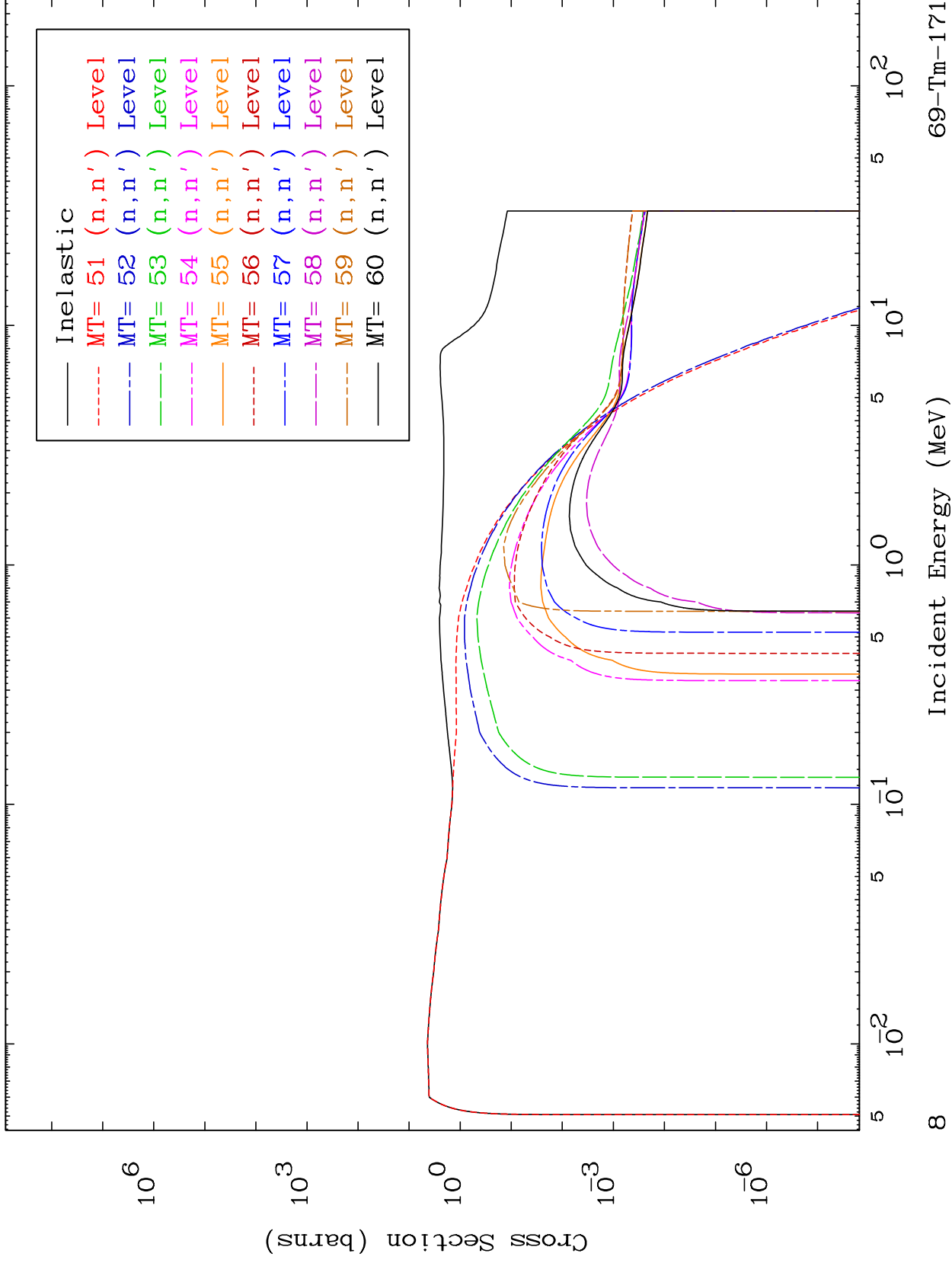


MAT 6931

Particle Production
293 Kelvin Cross Sections

69-Tm-171

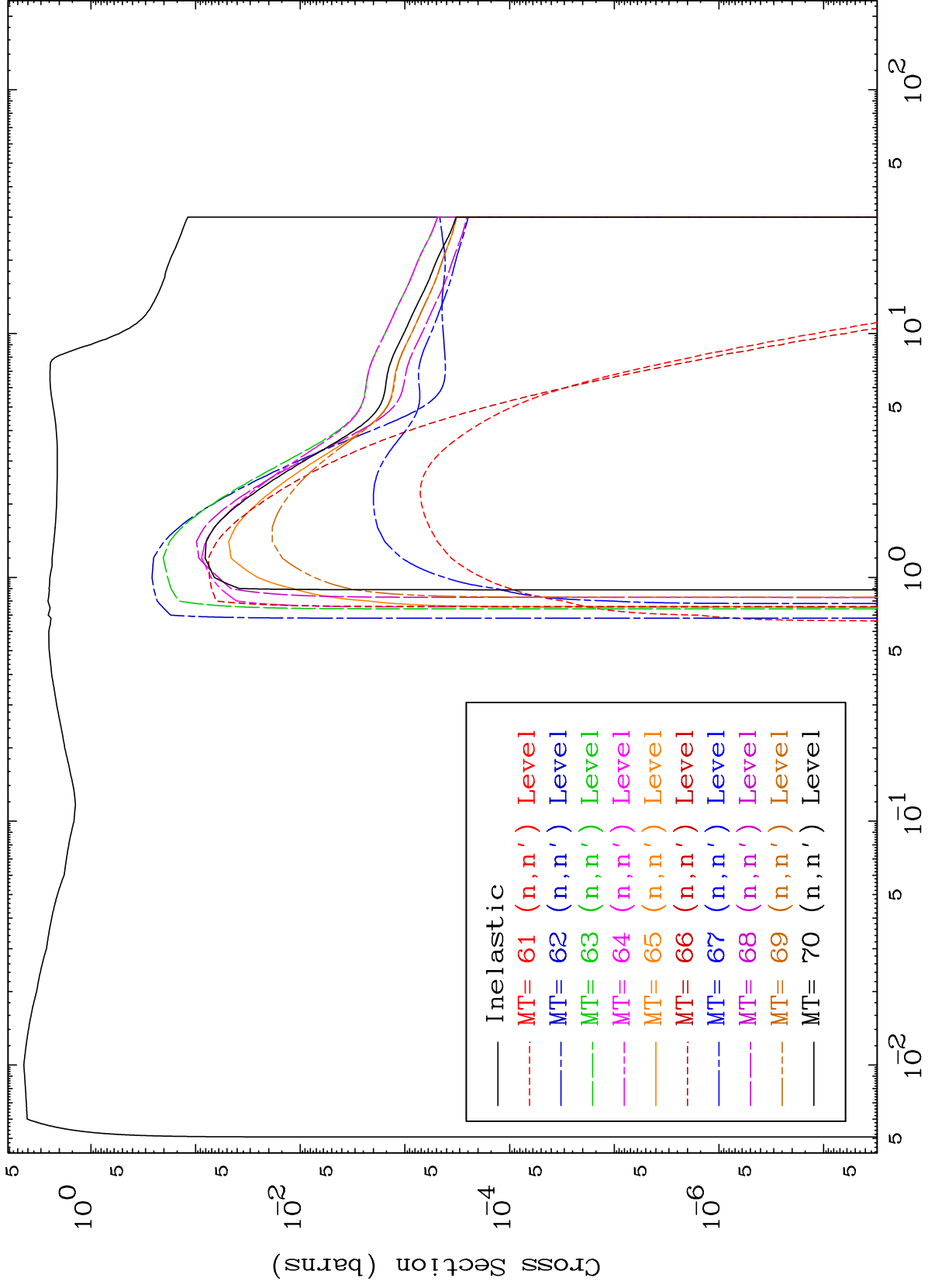




MAT 6931

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-171



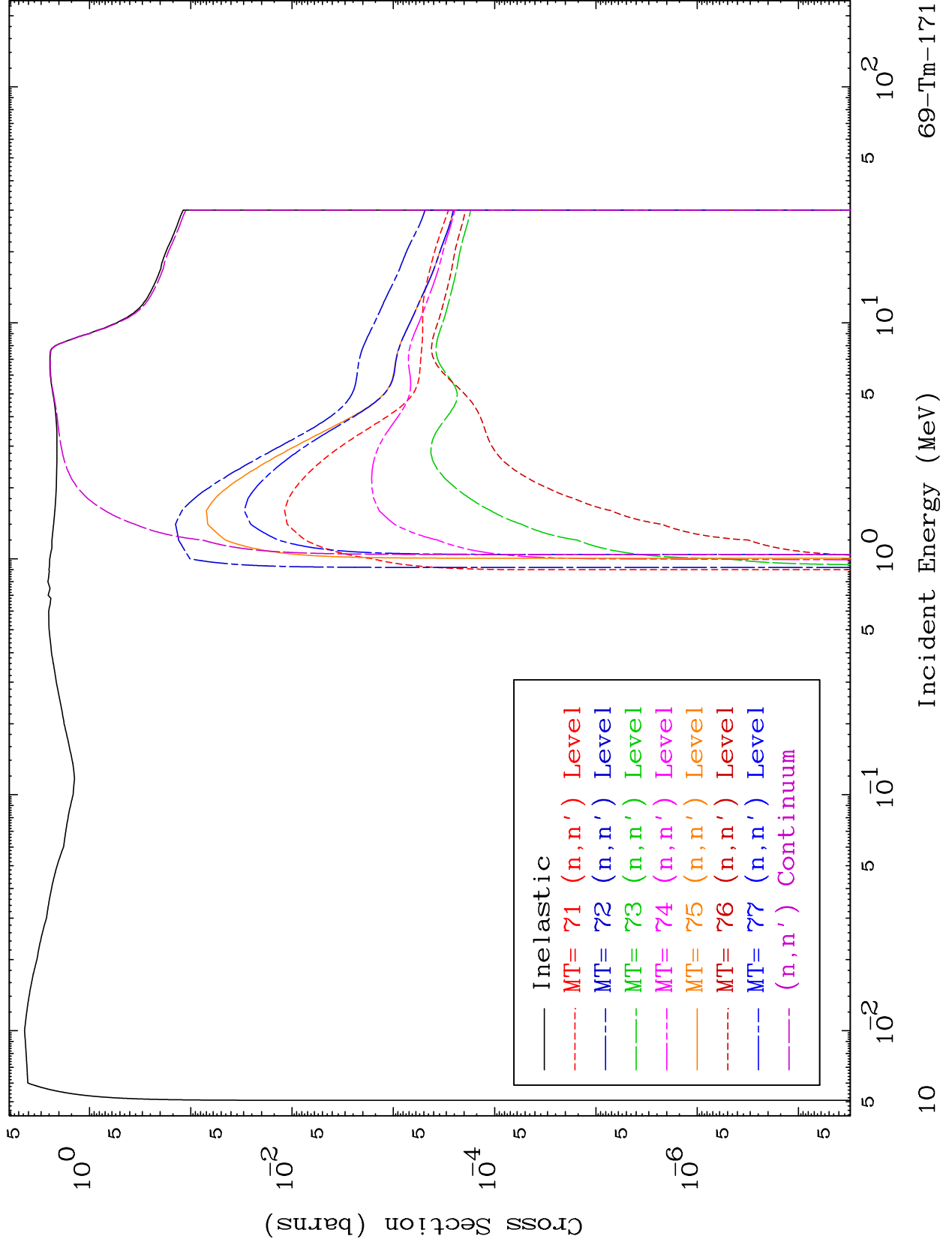
9

69-Tm-171

MAT 6931

(n,n') Levels
293 Kelvin Cross Sections

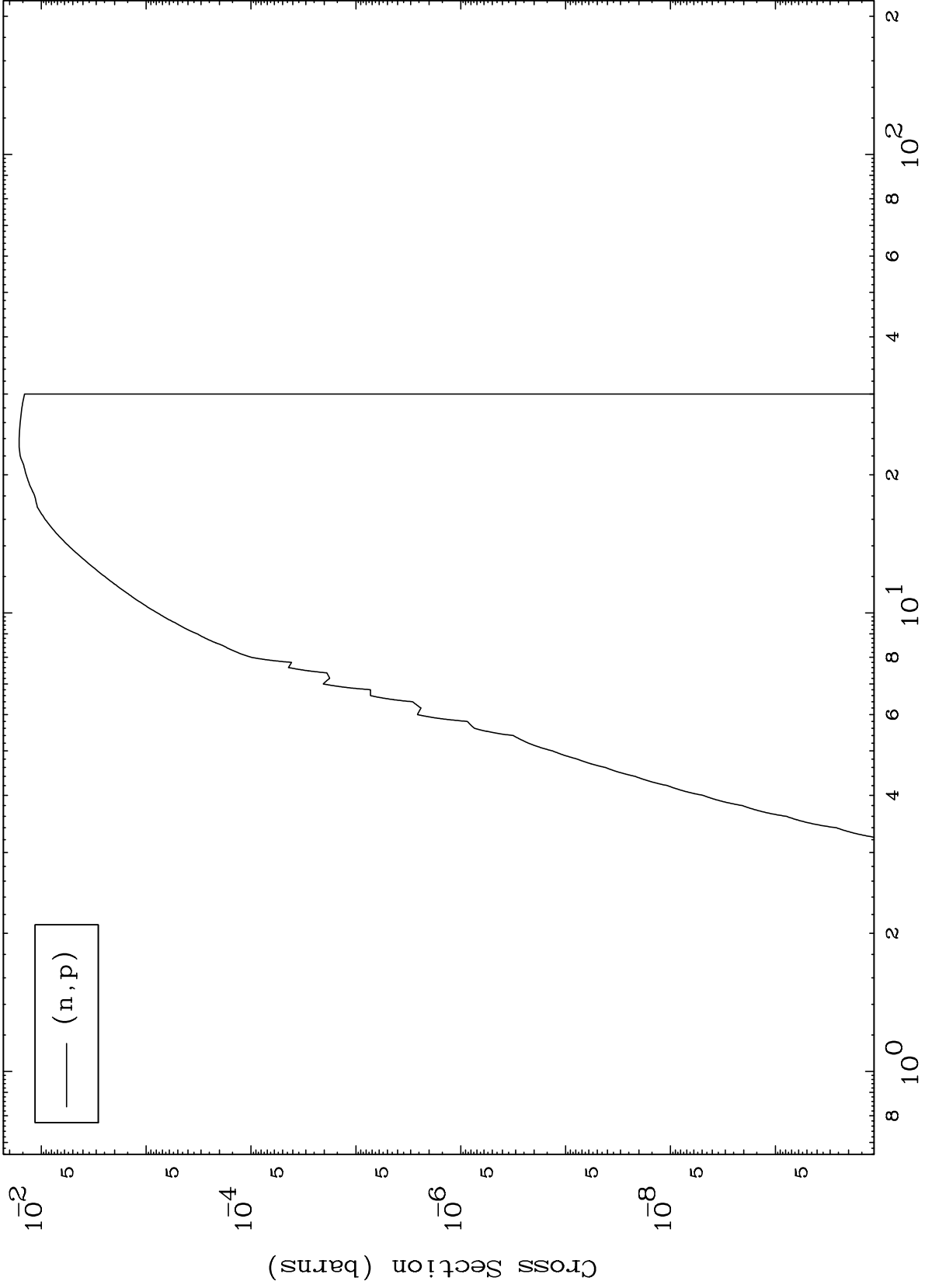
69-Tm-171



MAT 6931

(n,p) Levels
293 Kelvin Cross Sections

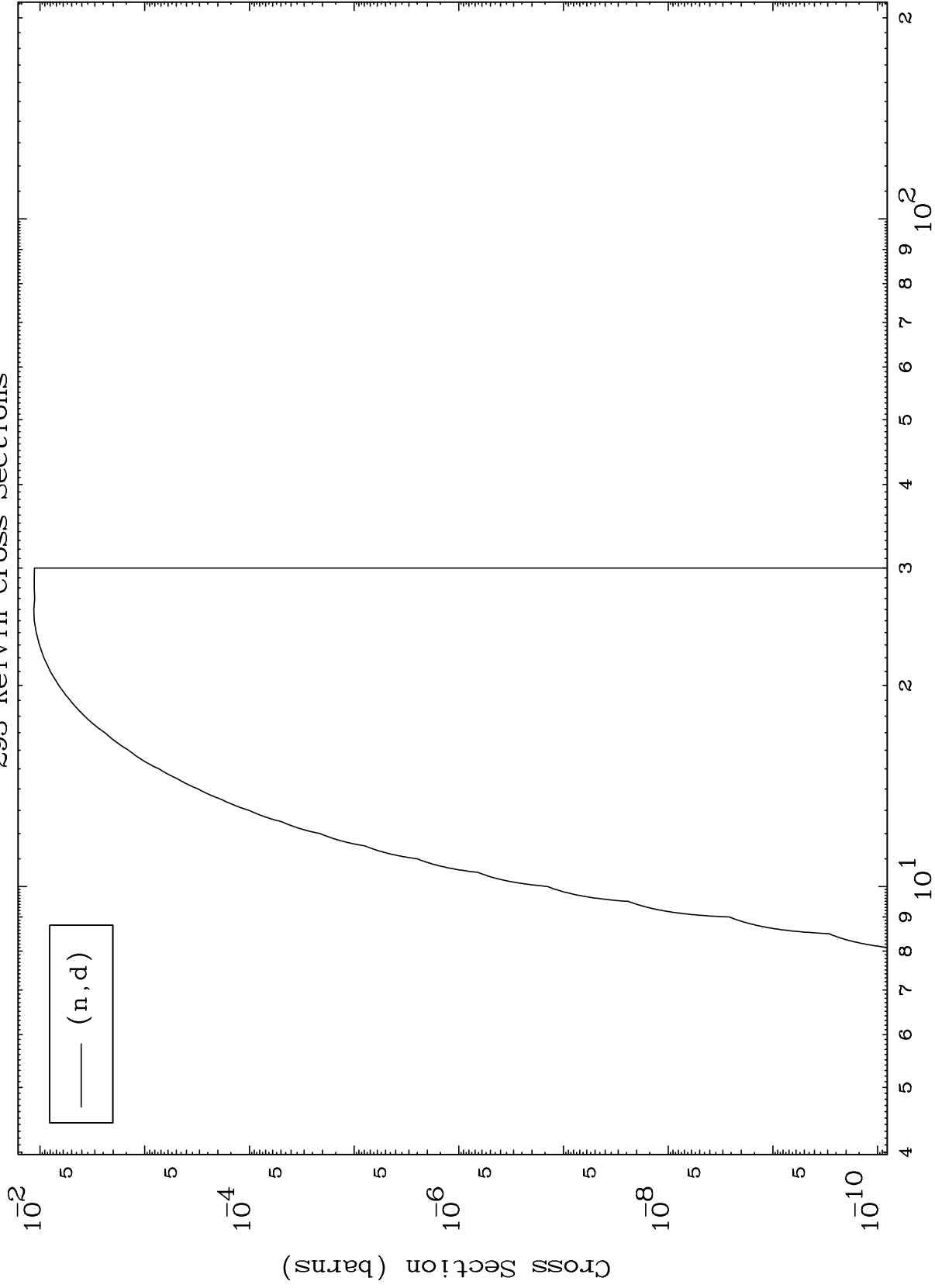
69-Tm-171



MAT 6931

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-171



12

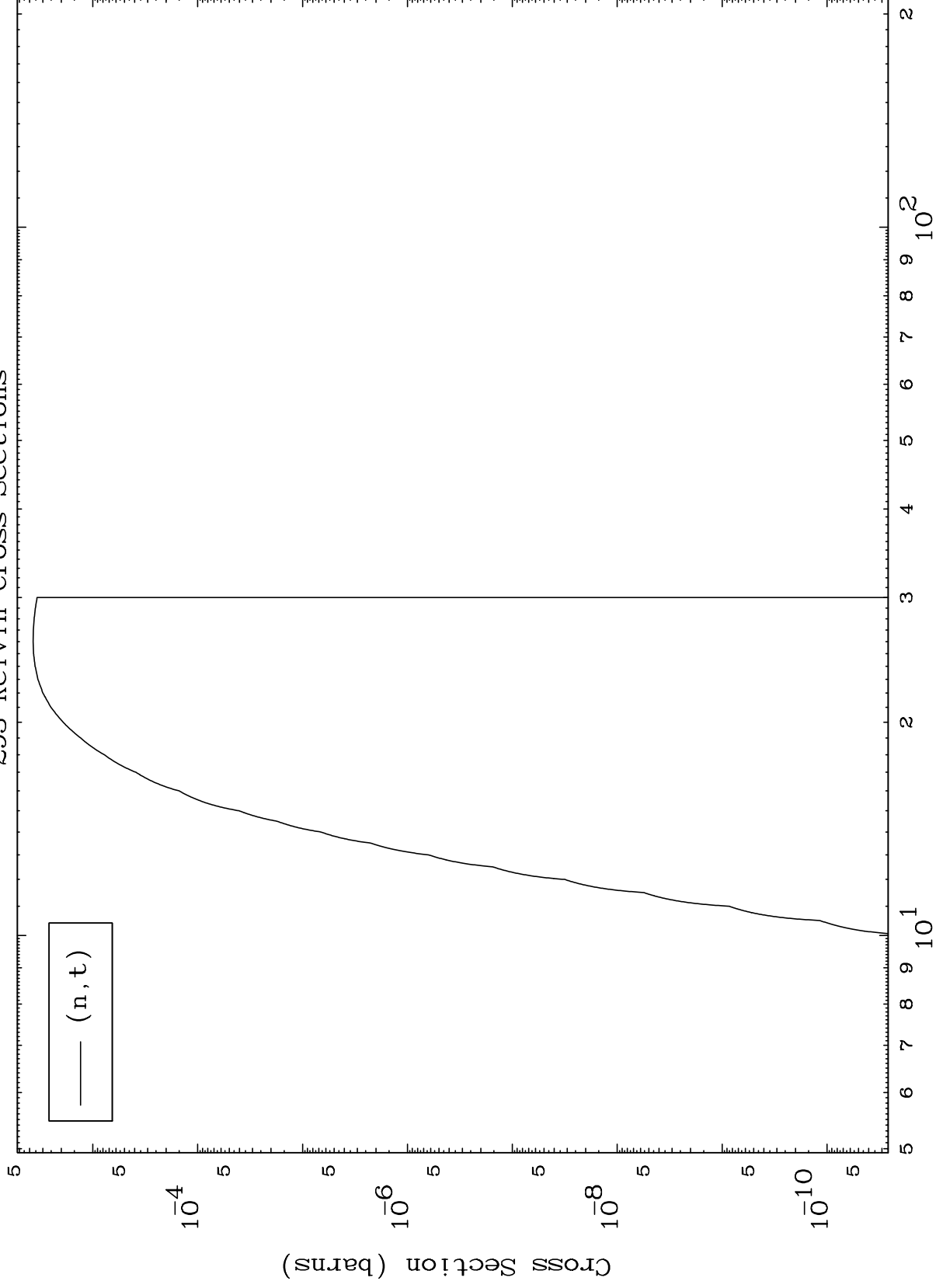
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-171



13

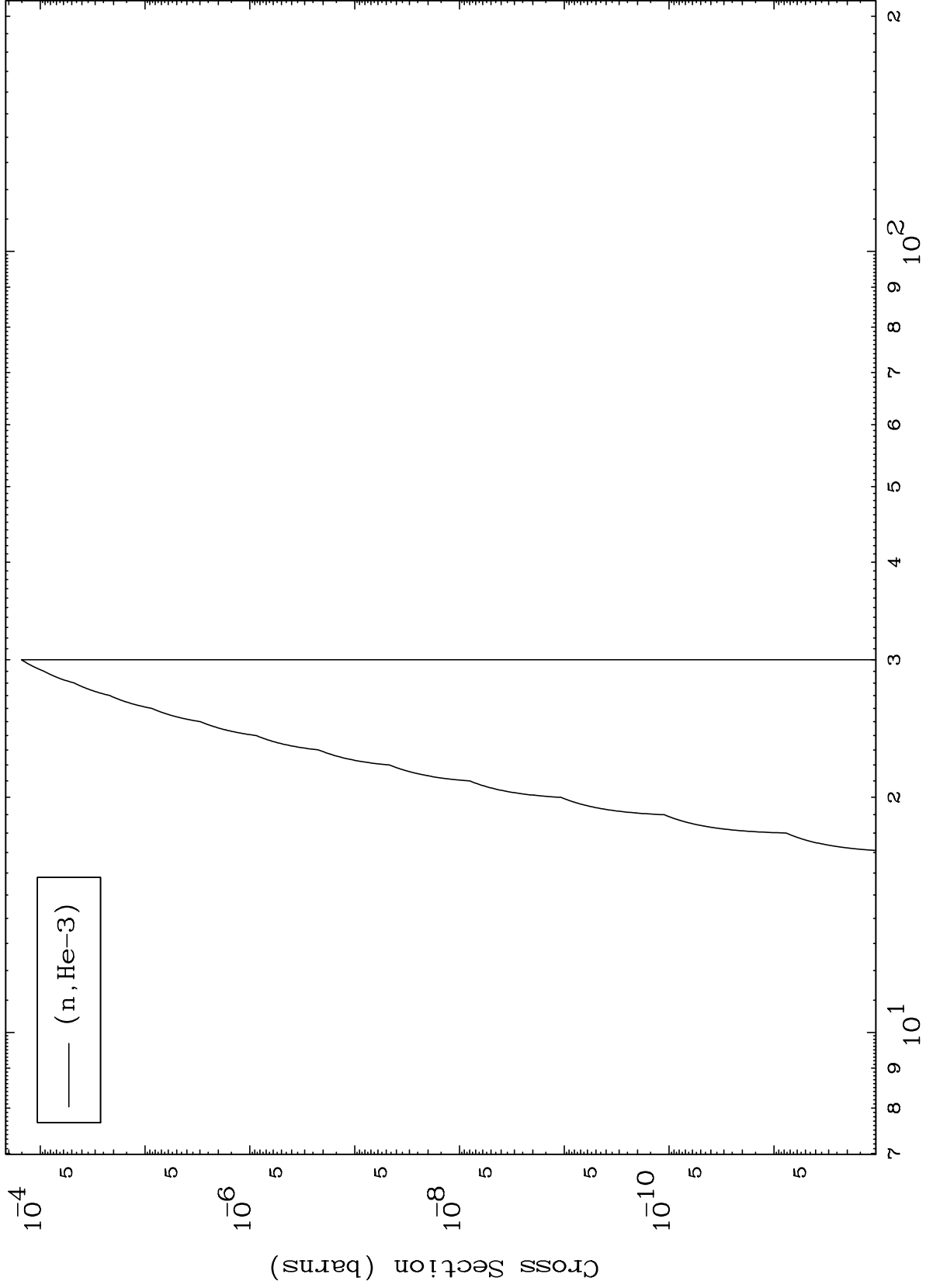
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-171



14

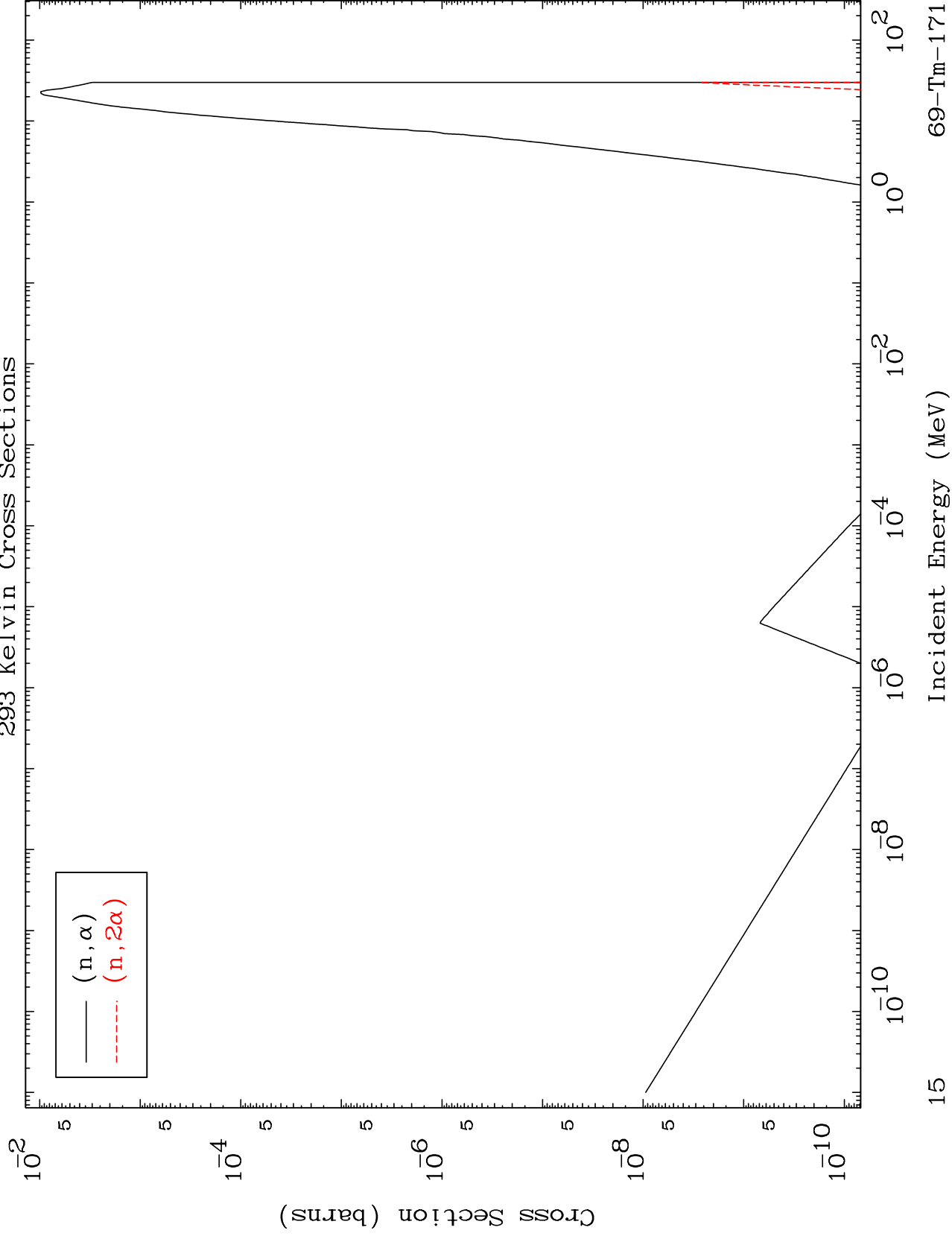
Incident Energy (MeV)

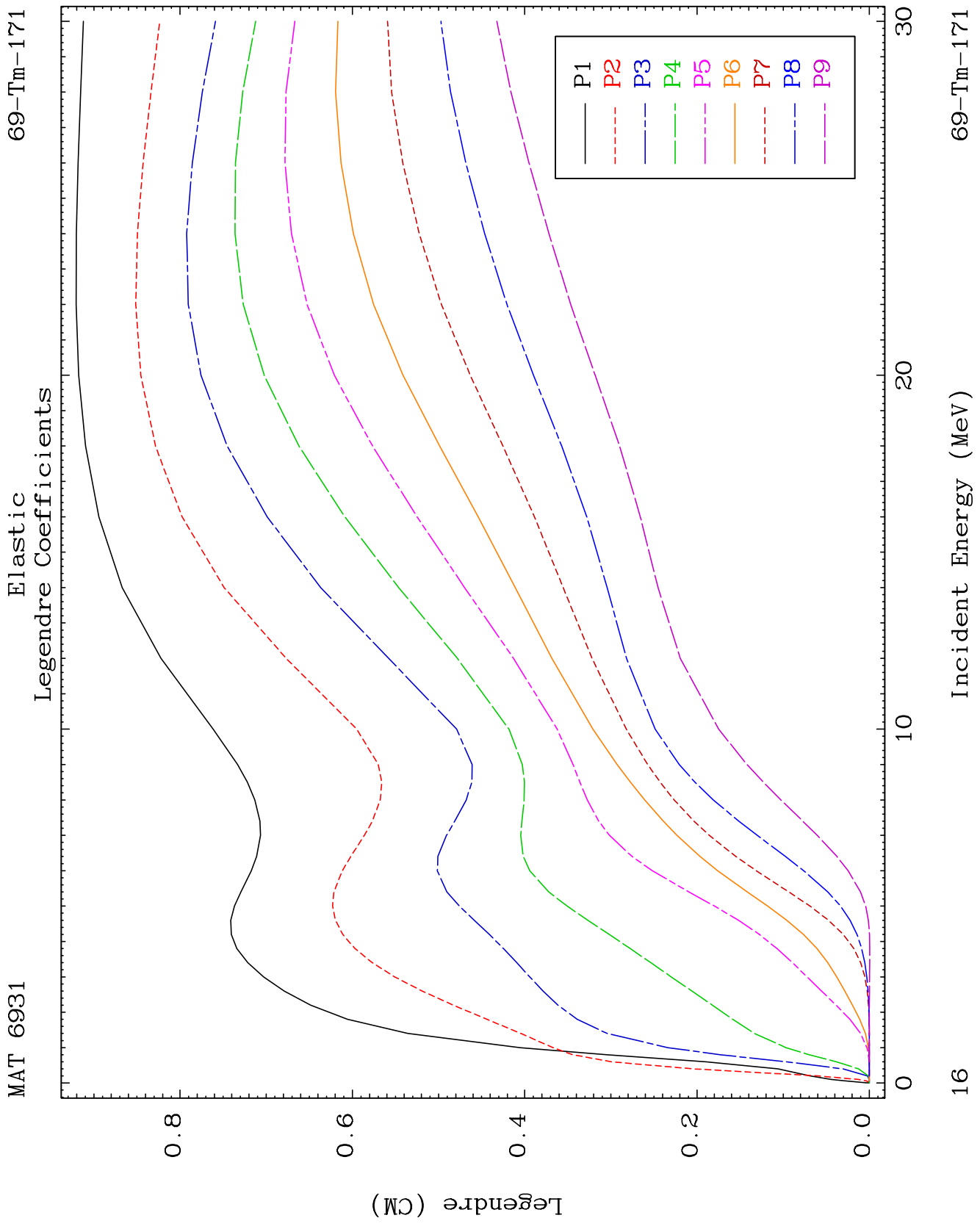
69-Tm-171

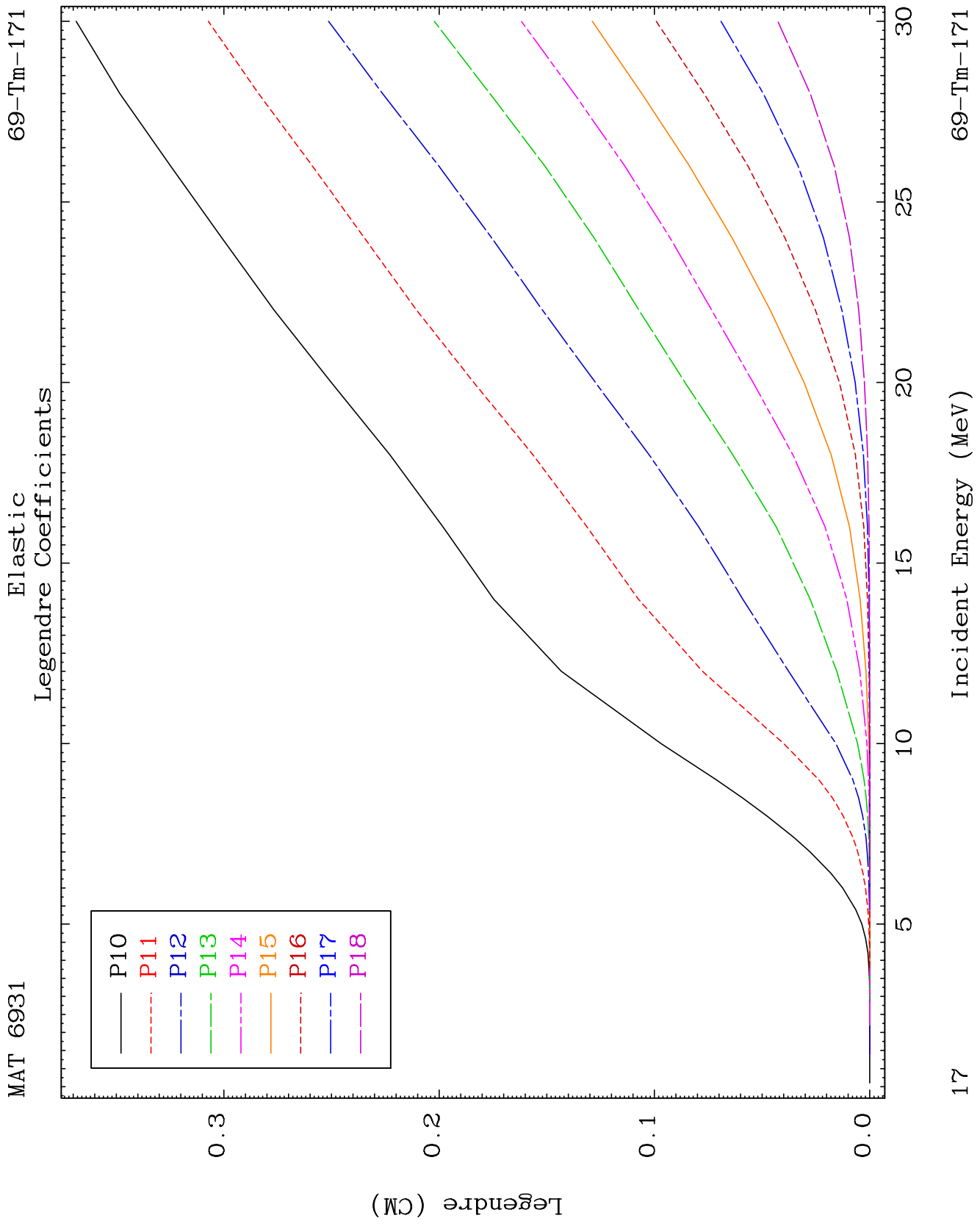
MAT 6931

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-171



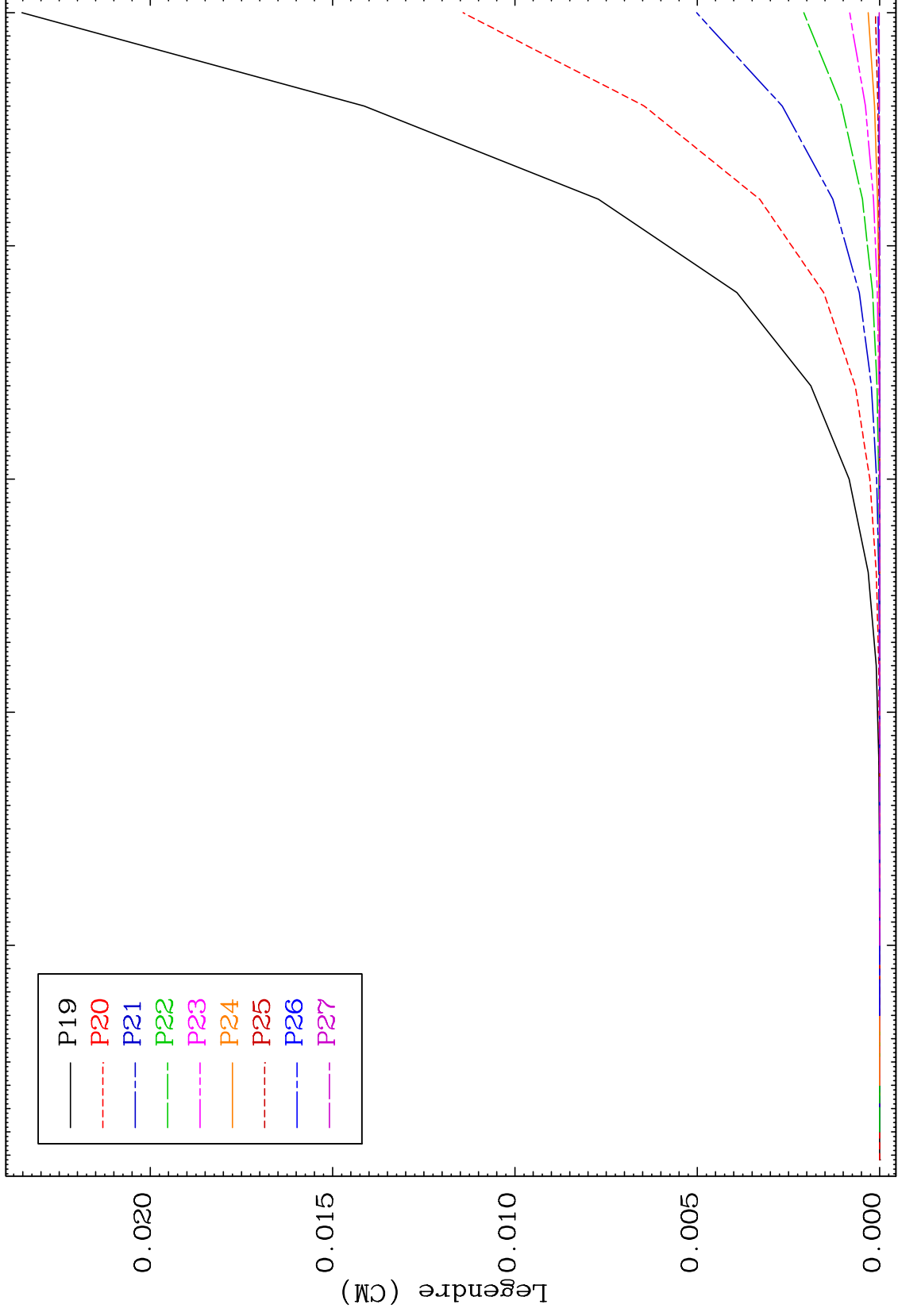




MAT 6931

Elastic Legendre Coefficients

69-Tm-171



18

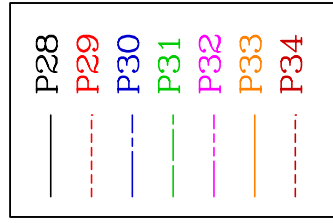
Incident Energy (MeV)

69-Tm-171

MAT 6931

Elastic
Legendre Coefficients

69-Tm-171



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

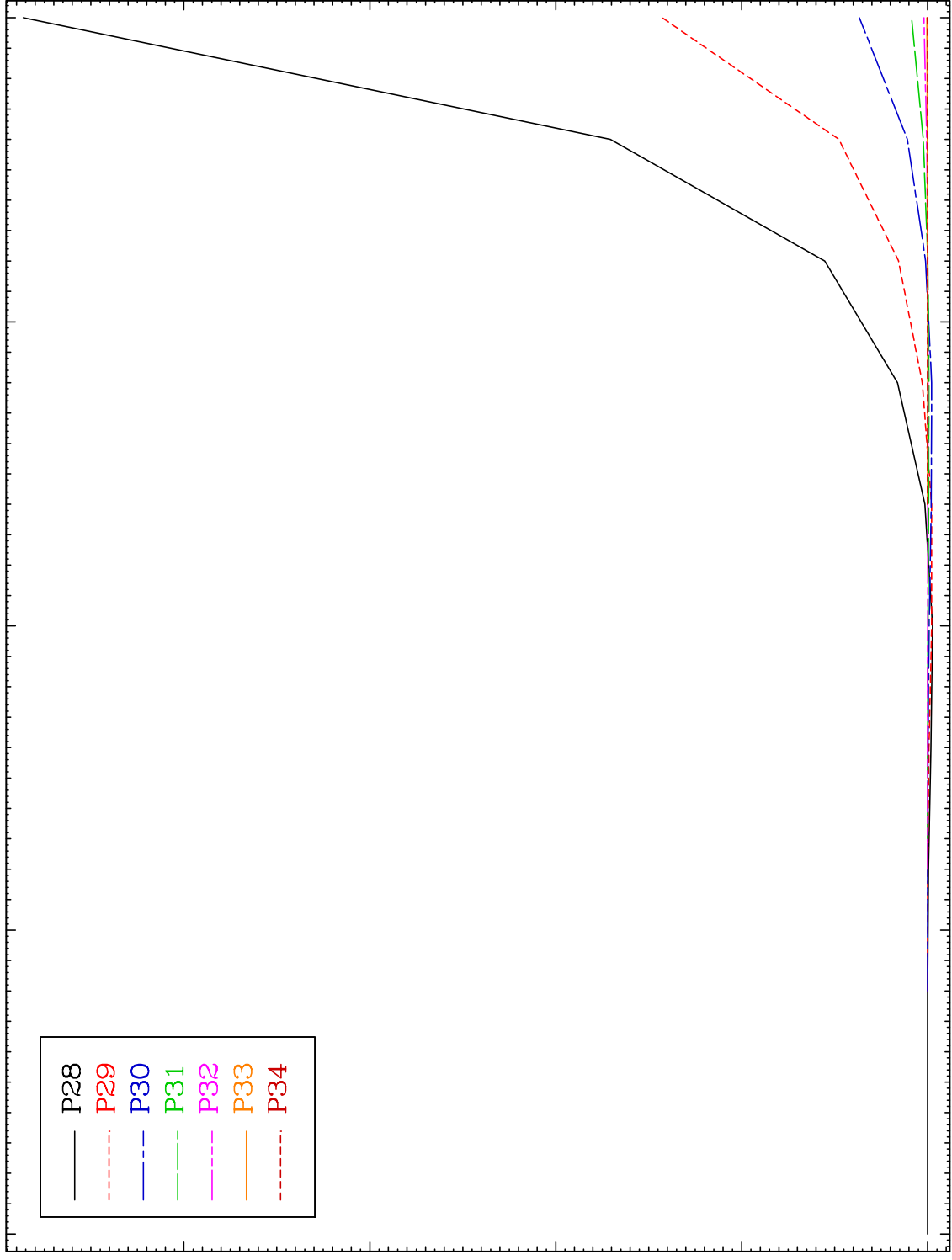
25

30

19

Incident Energy (MeV)

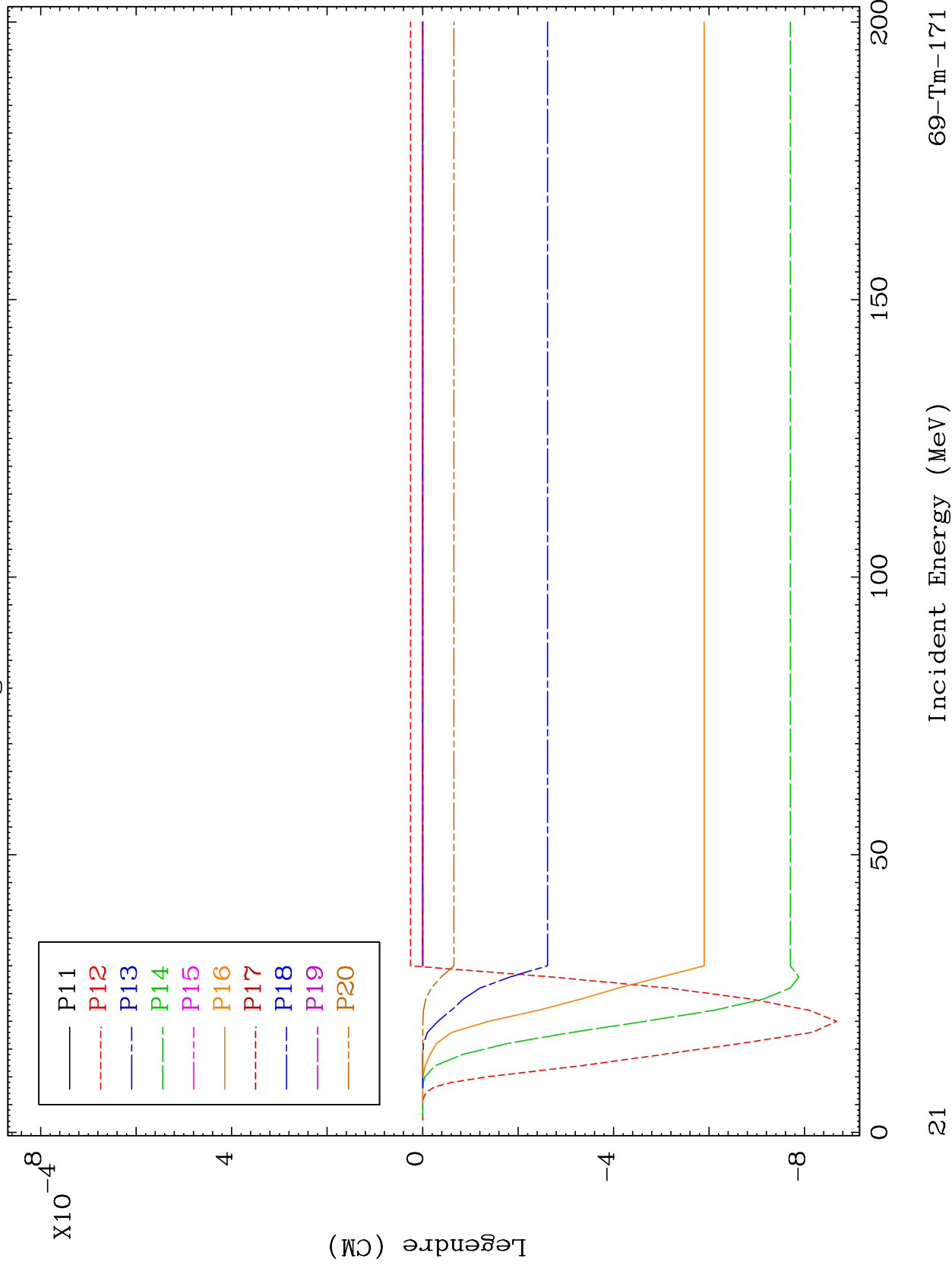
69-Tm-171

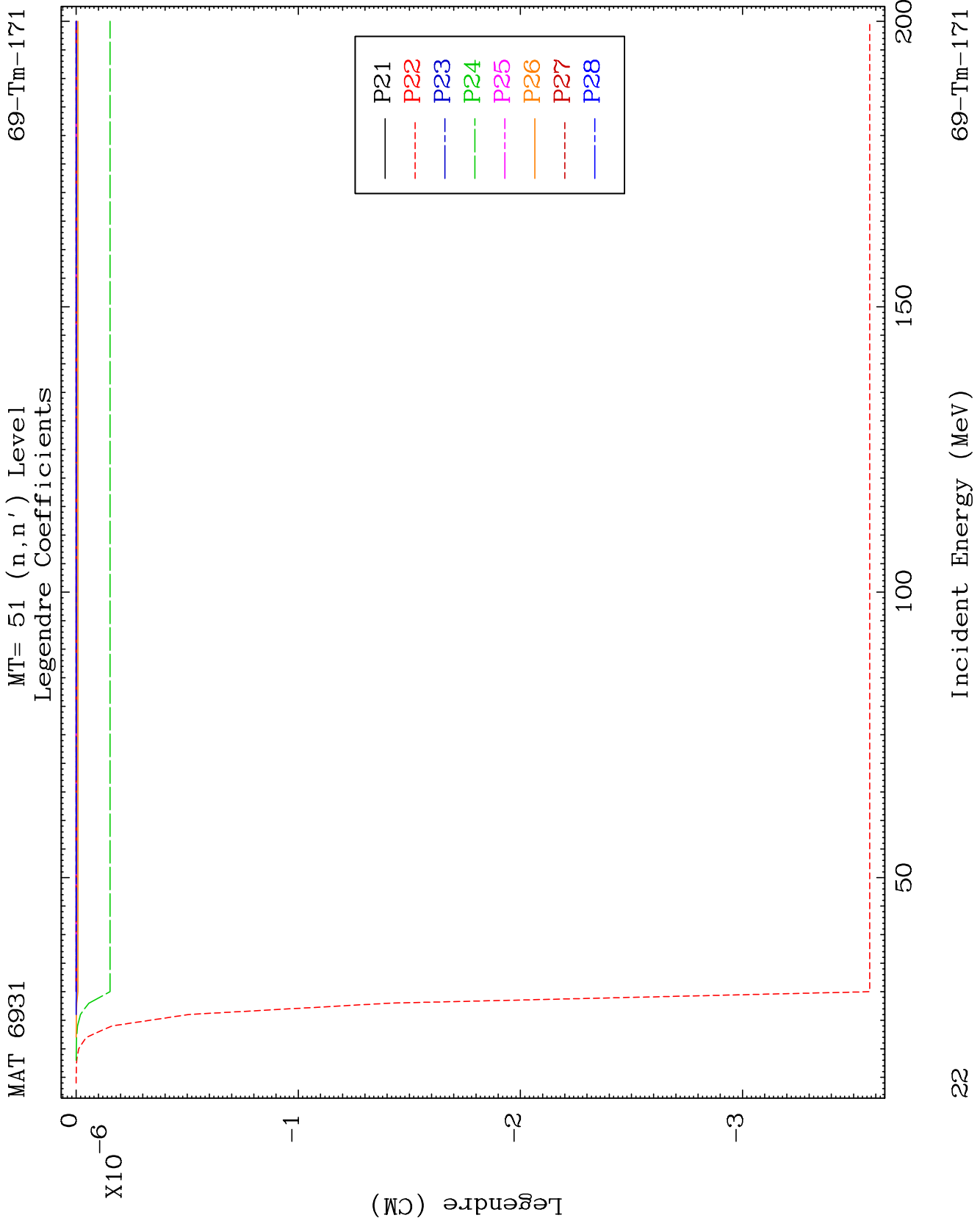


MAT 6931

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

69-Tm-171

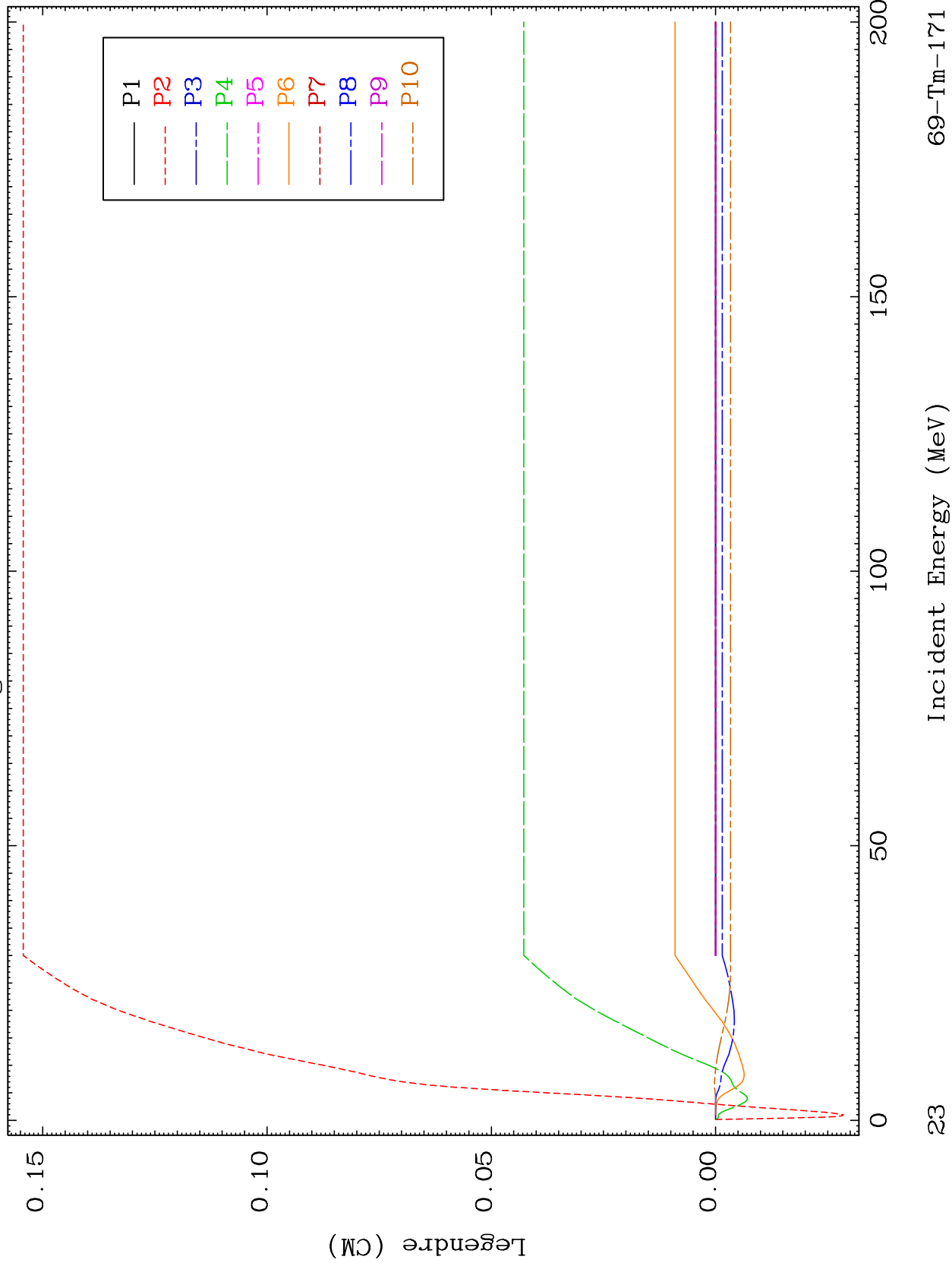




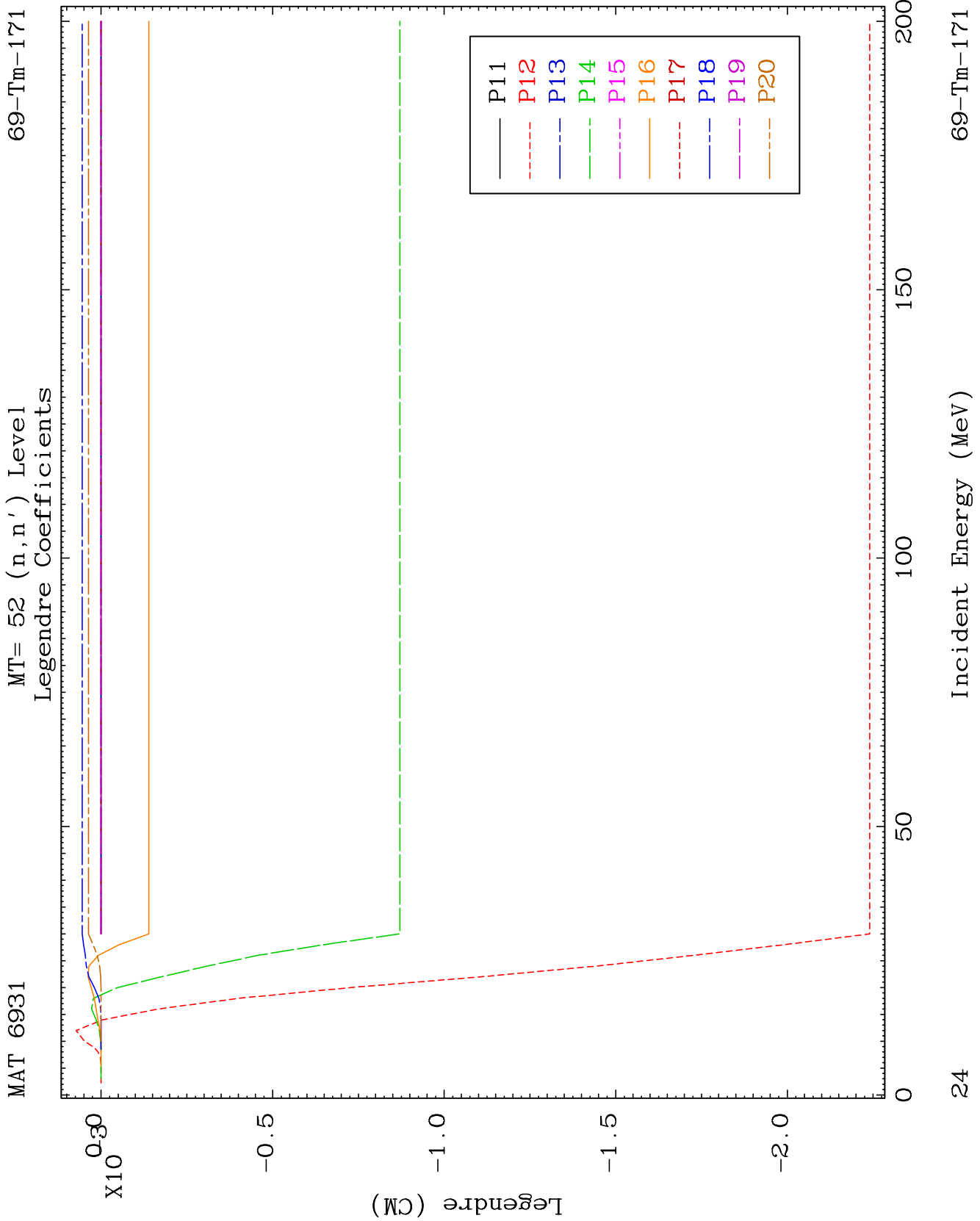
MAT 6931

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

69-Tm-171



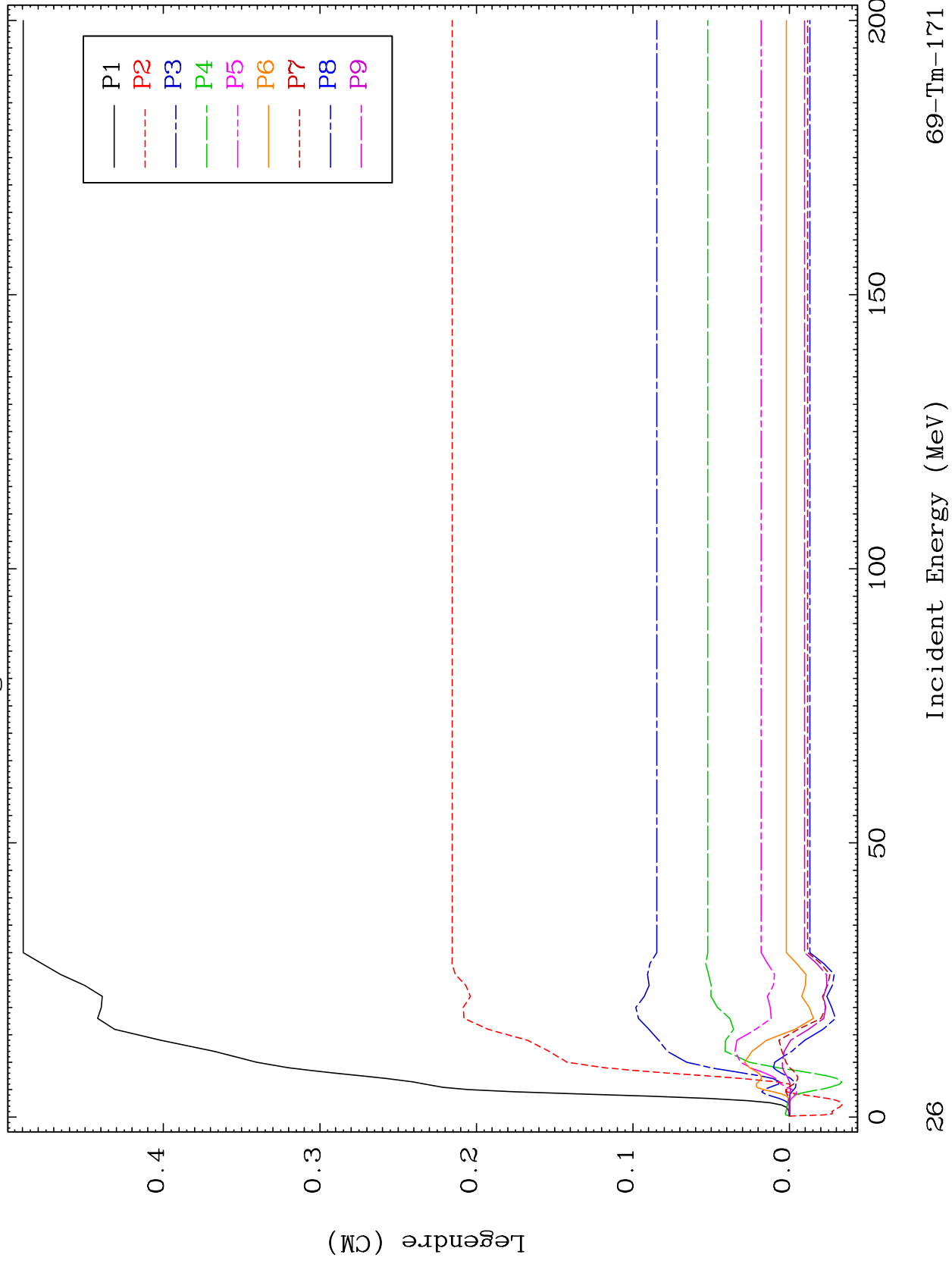
23



MAT 6931

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

69-Tm-171



69-Tm-171

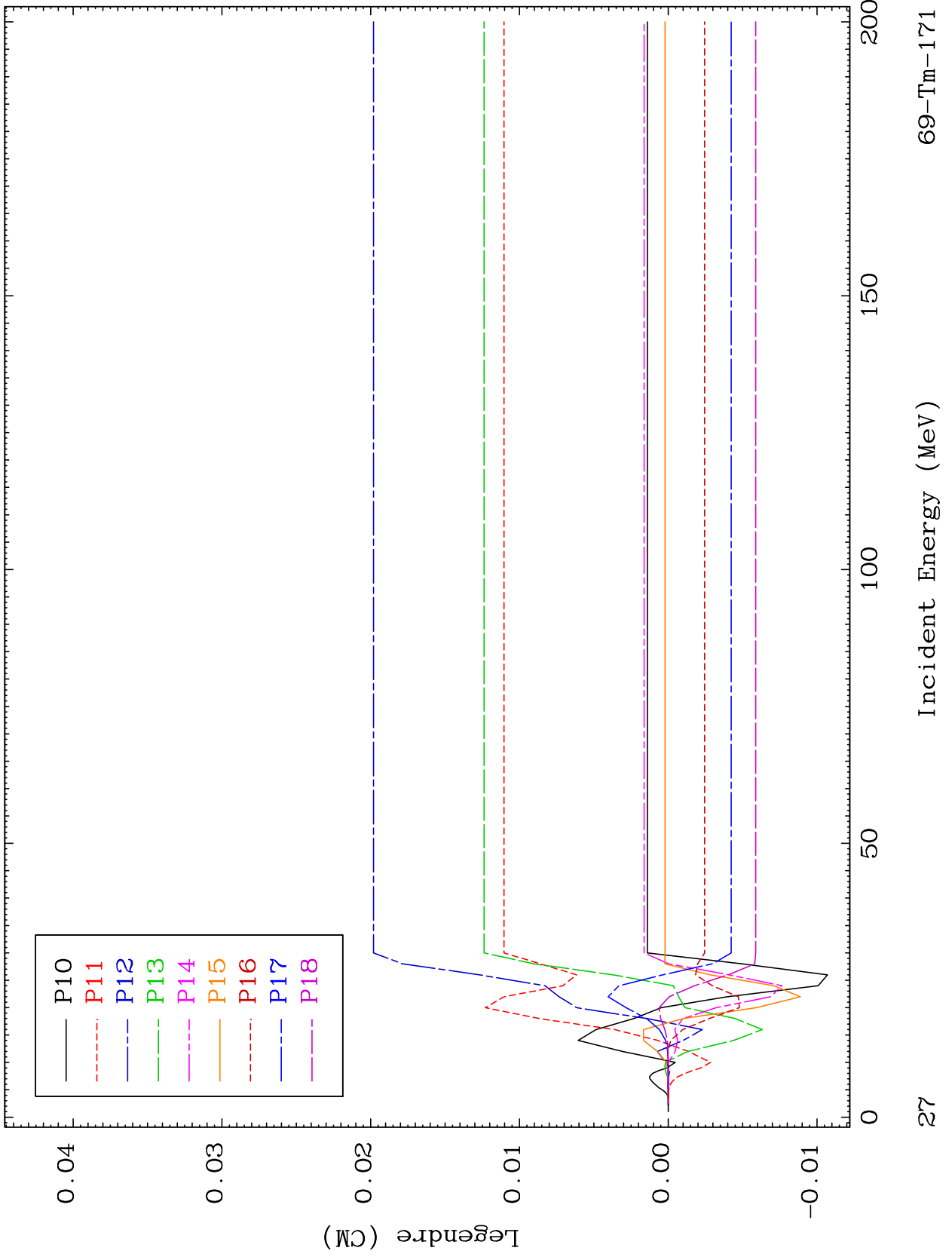
Incident Energy (MeV)

26

MAT 6931

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

69-Tm-171



27

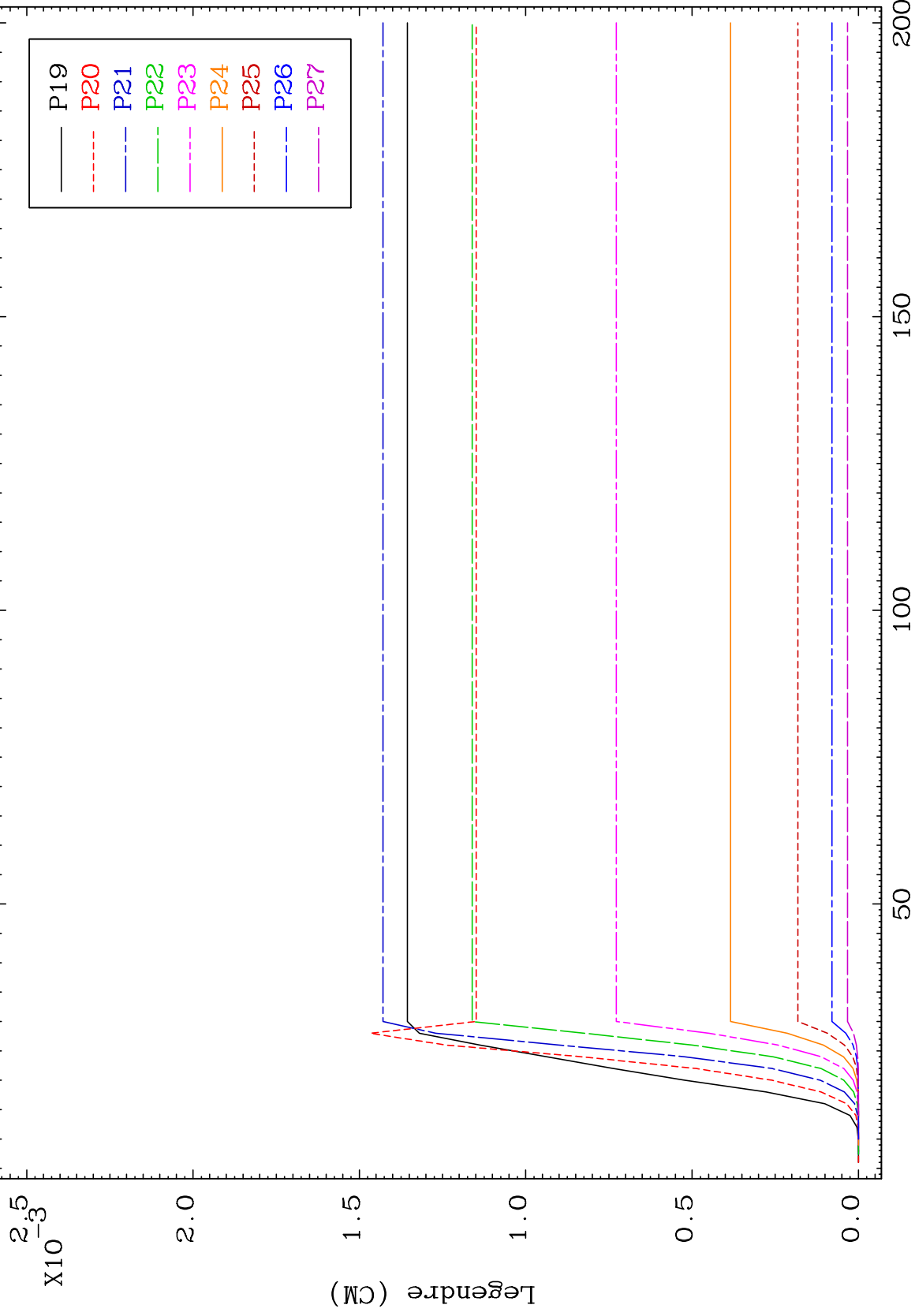
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



28

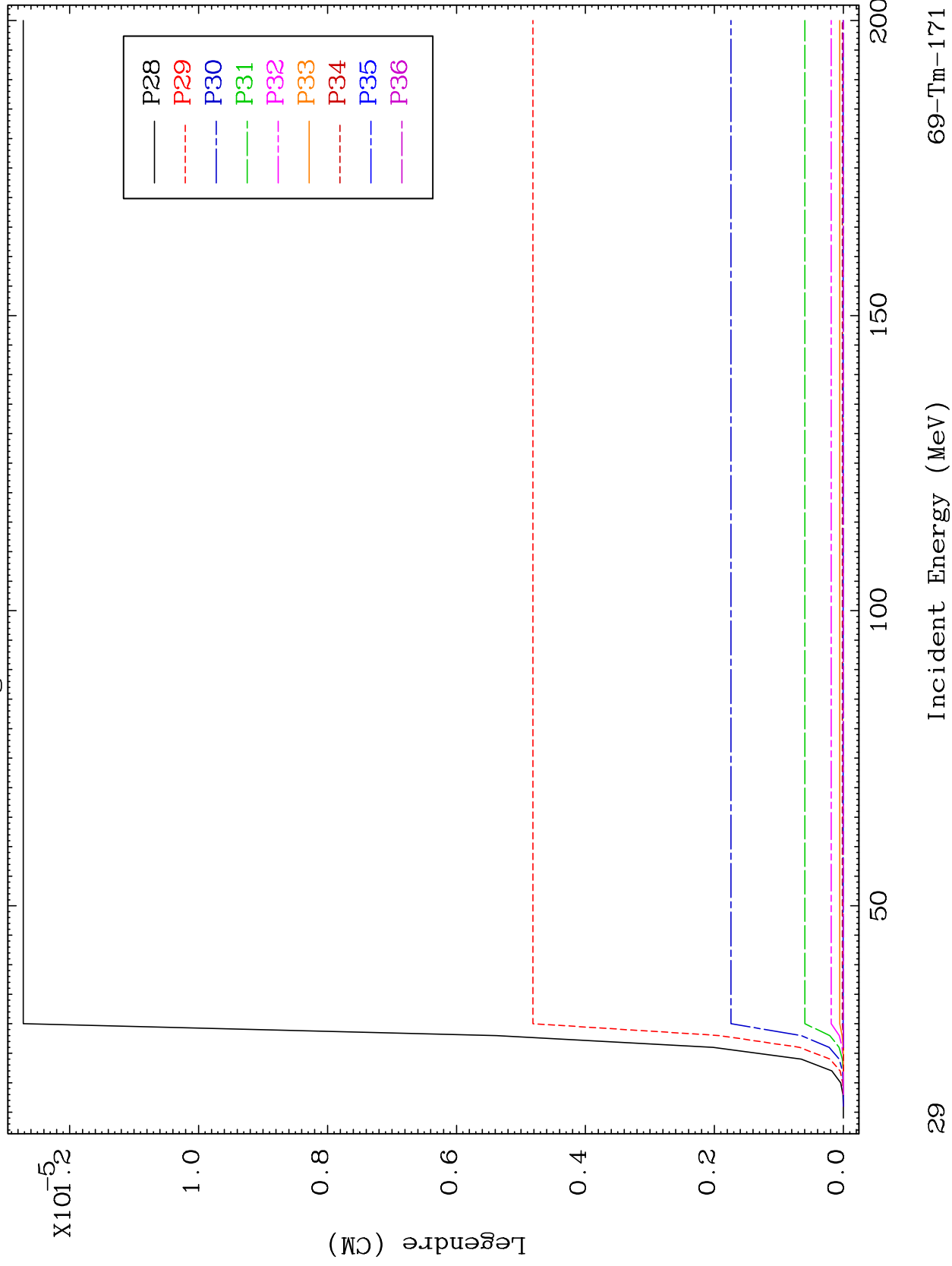
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



29

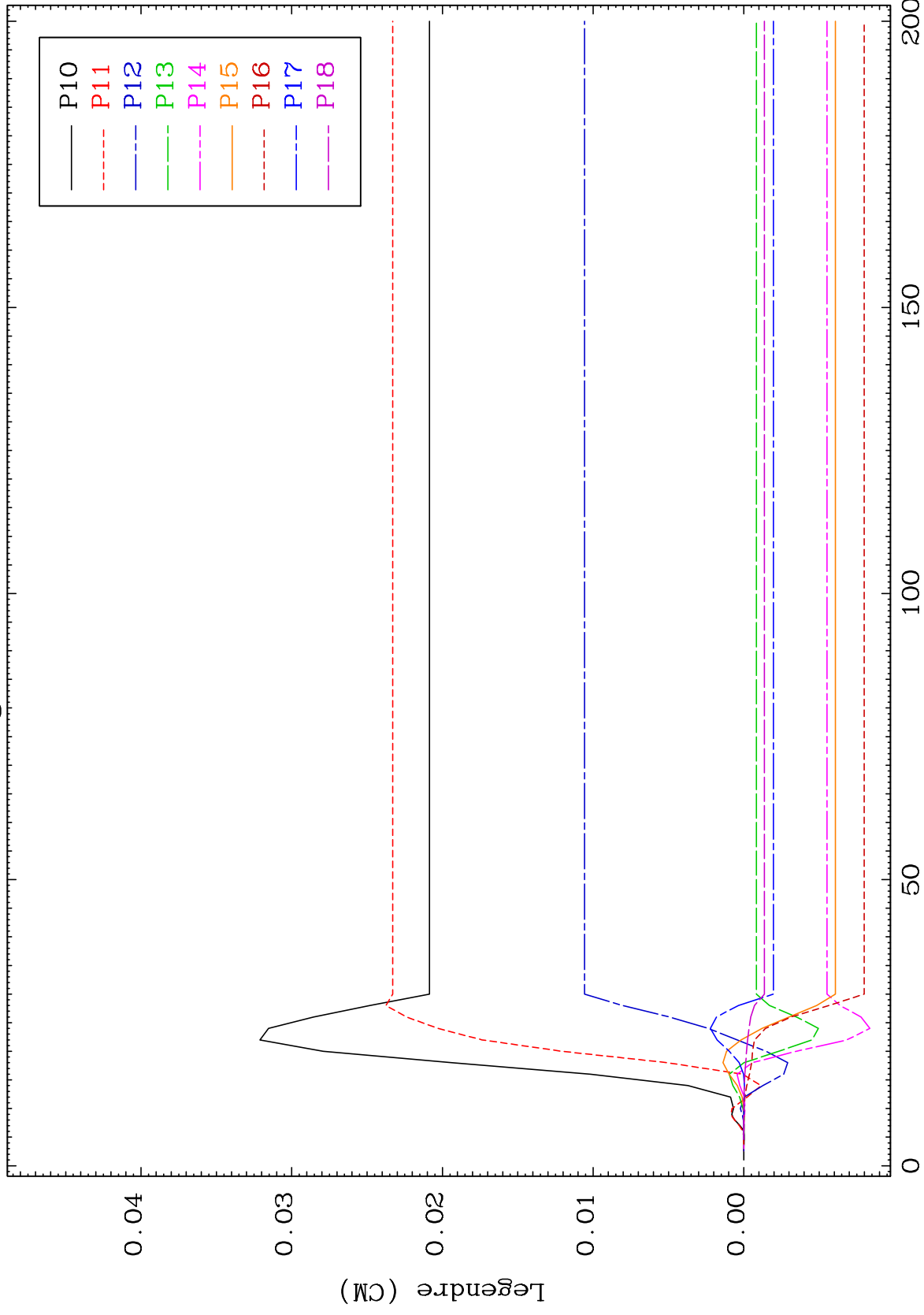
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

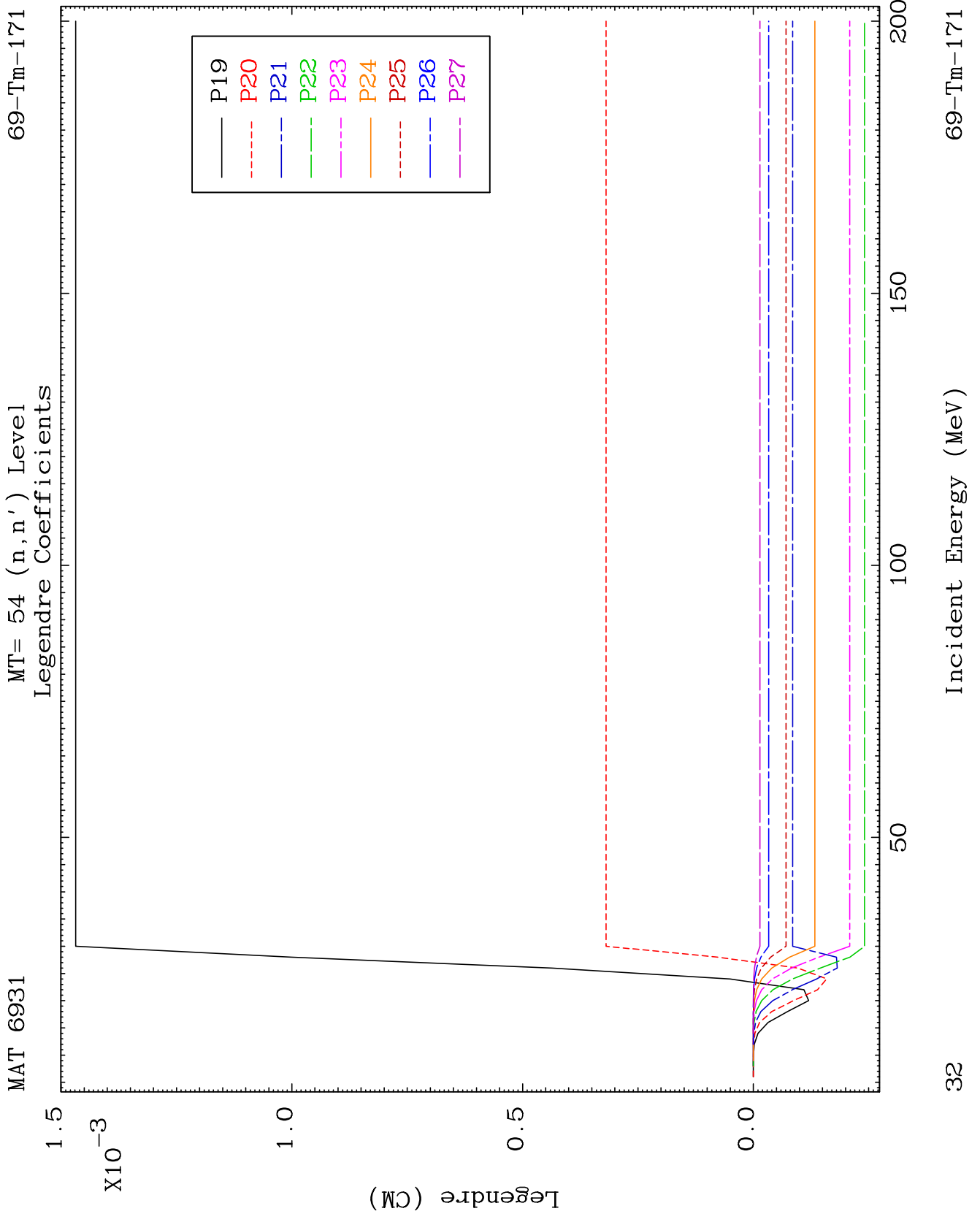
69-Tm-171



31

Incident Energy (MeV)

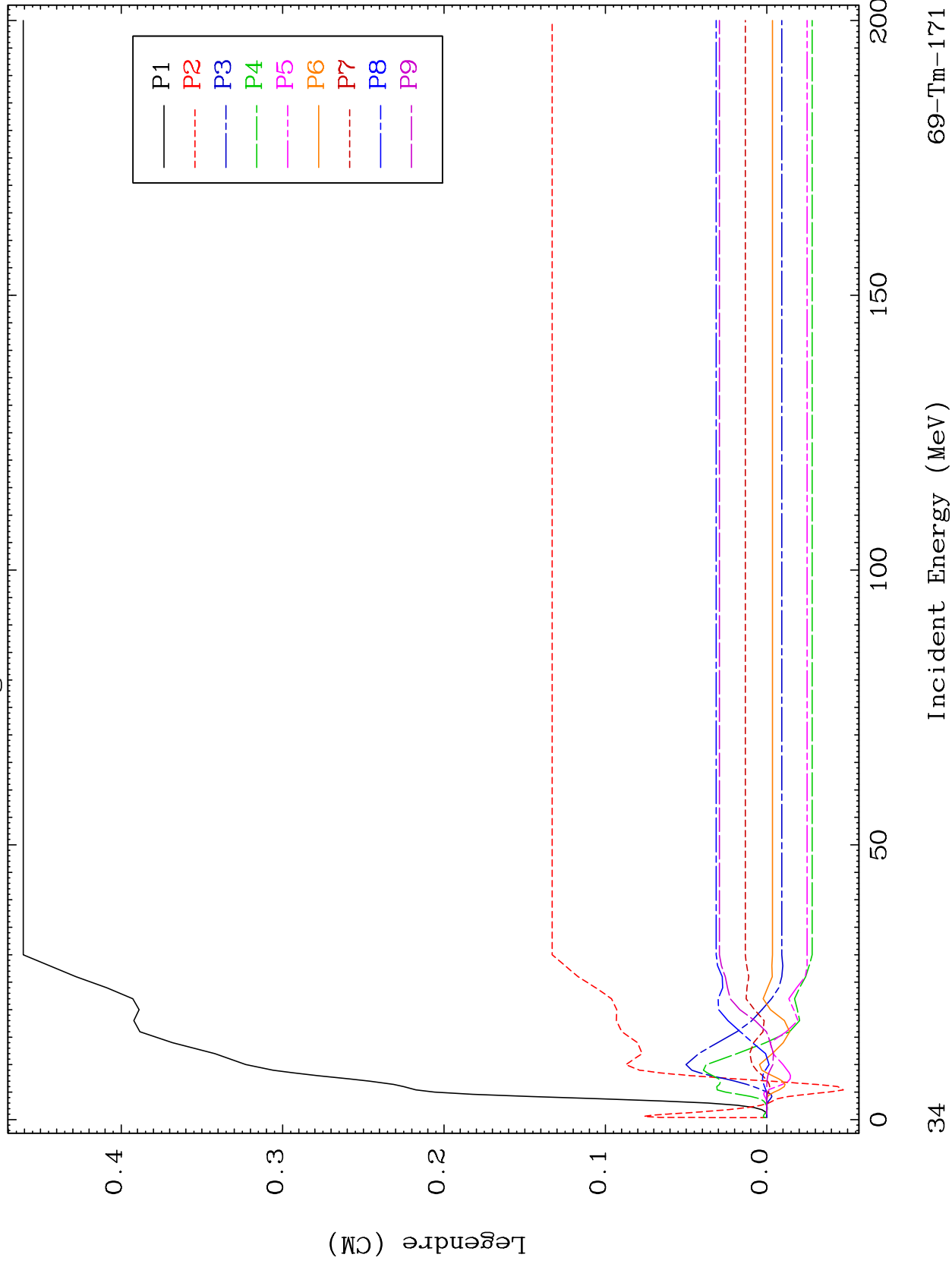
69-Tm-171



MAT 6931

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

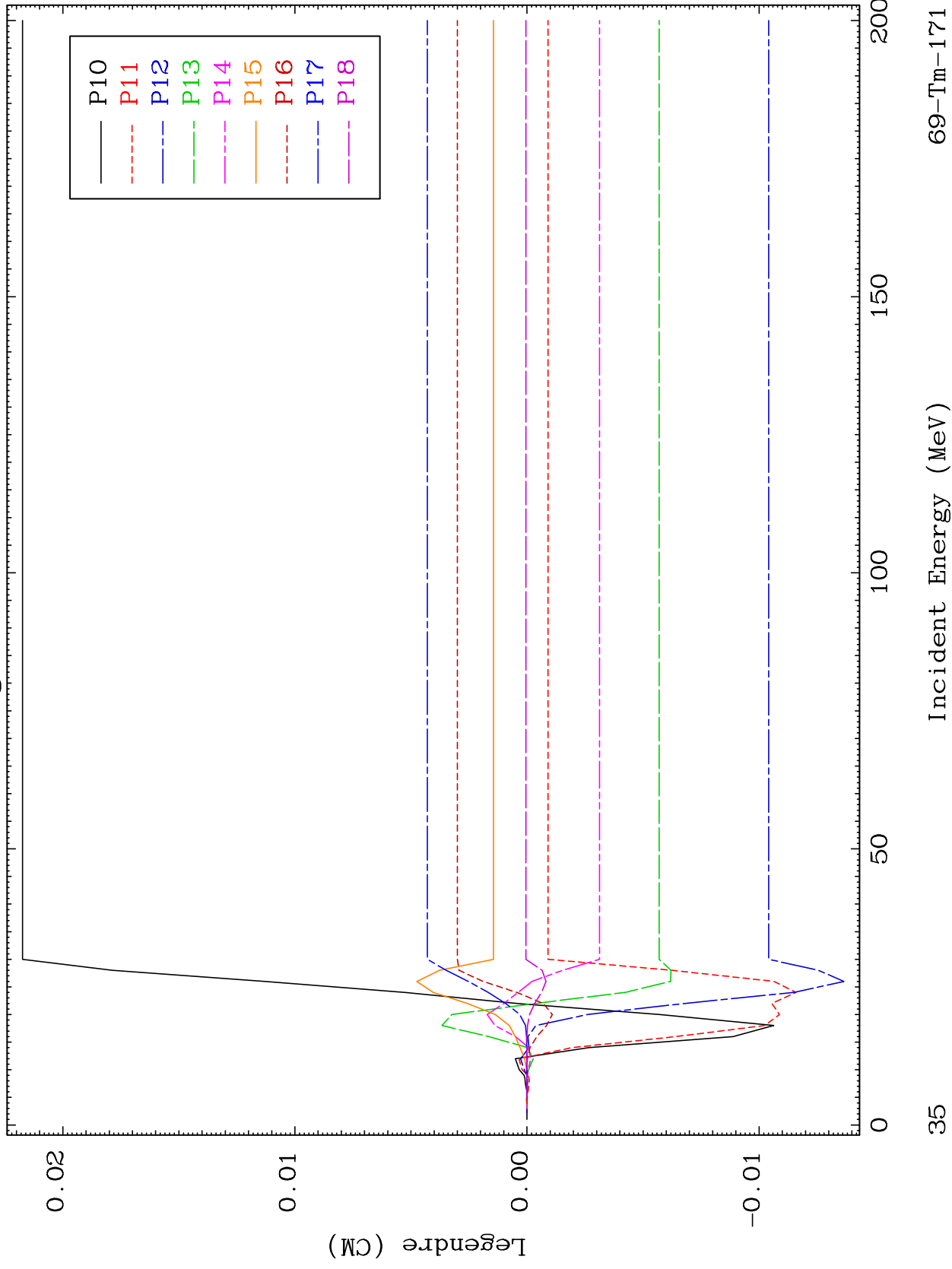
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

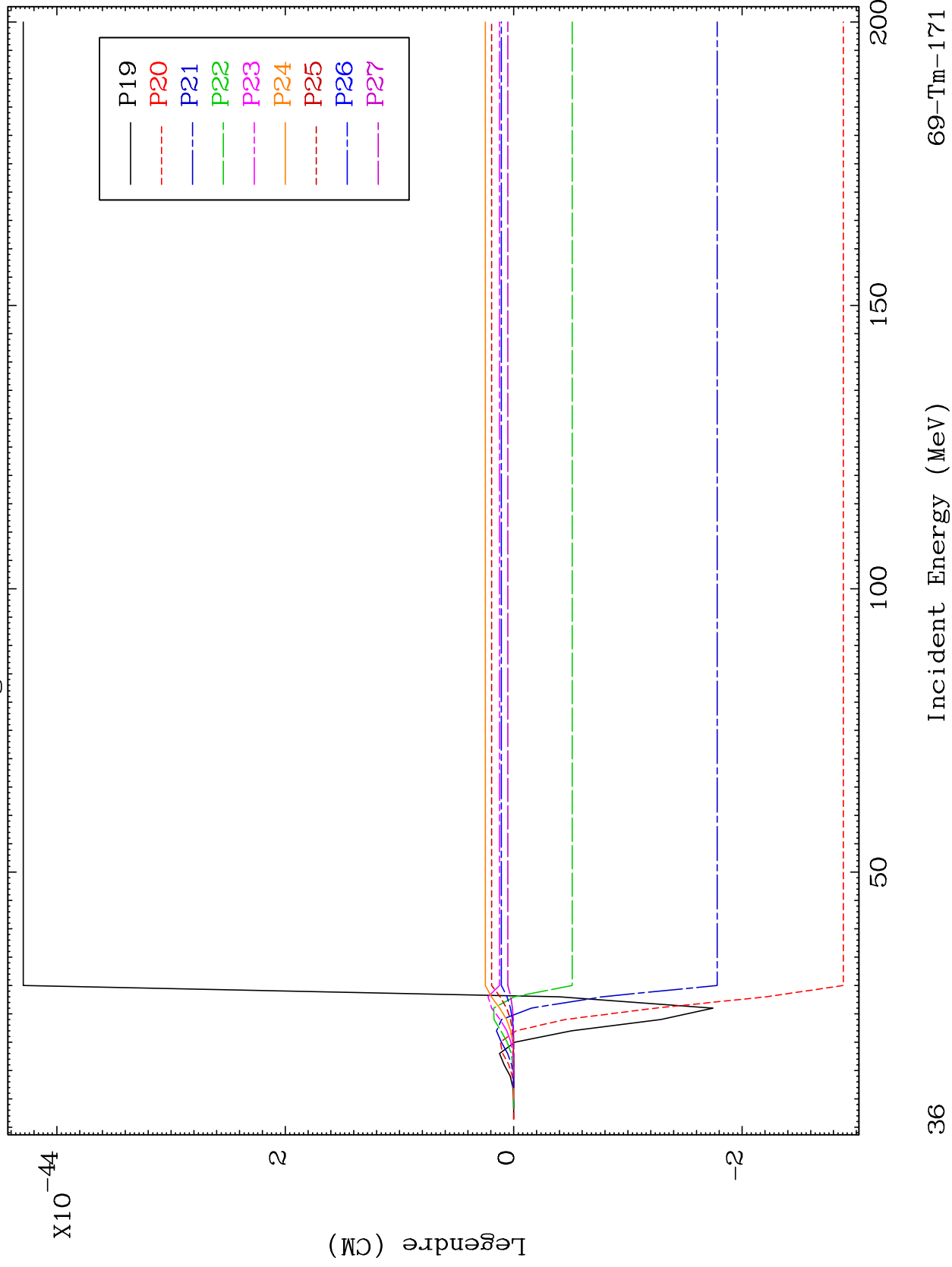
Incident Energy (MeV)

35

MAT 6931

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

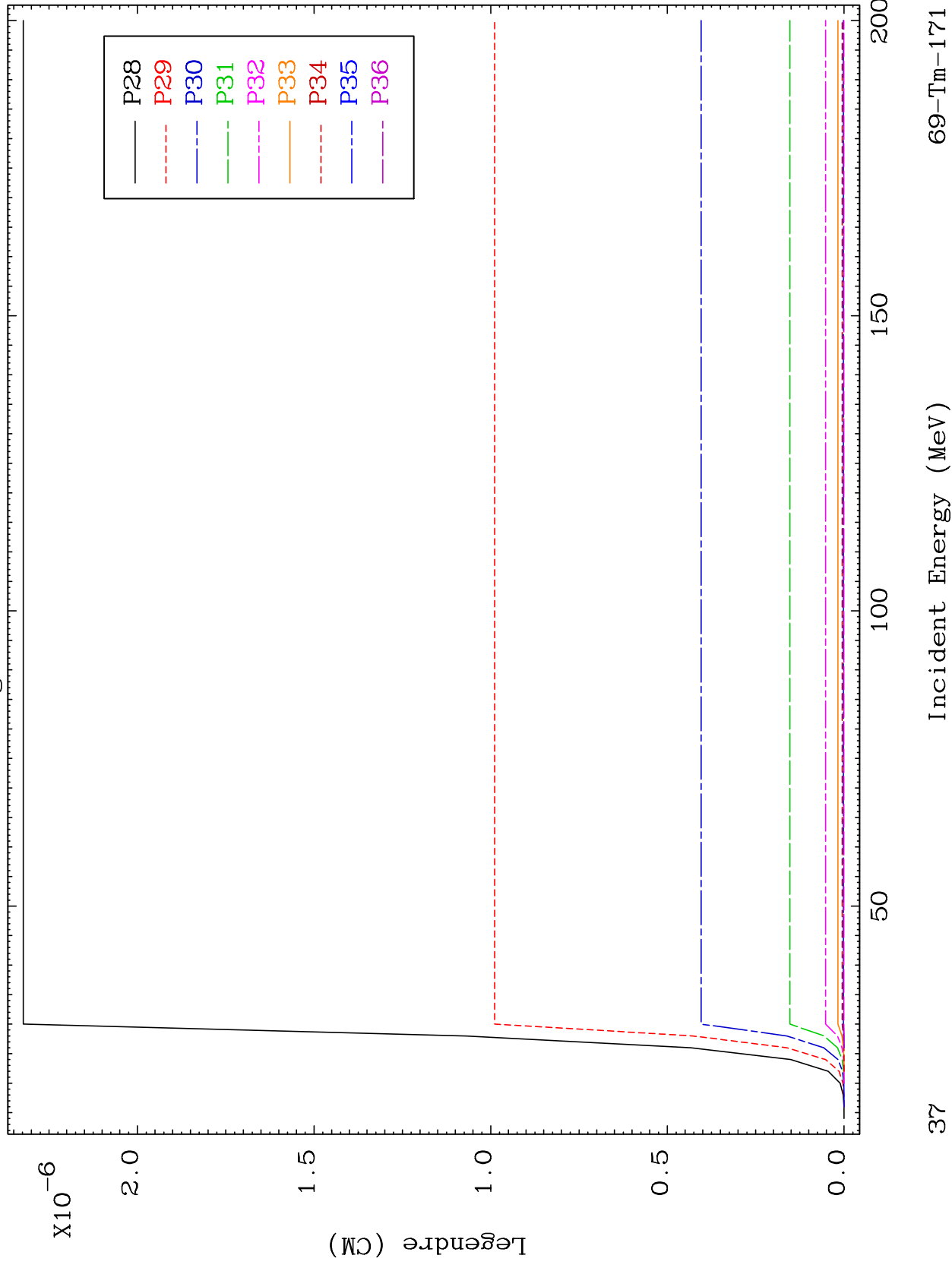
69-Tm-171



MAT 6931

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

69-Tm-171



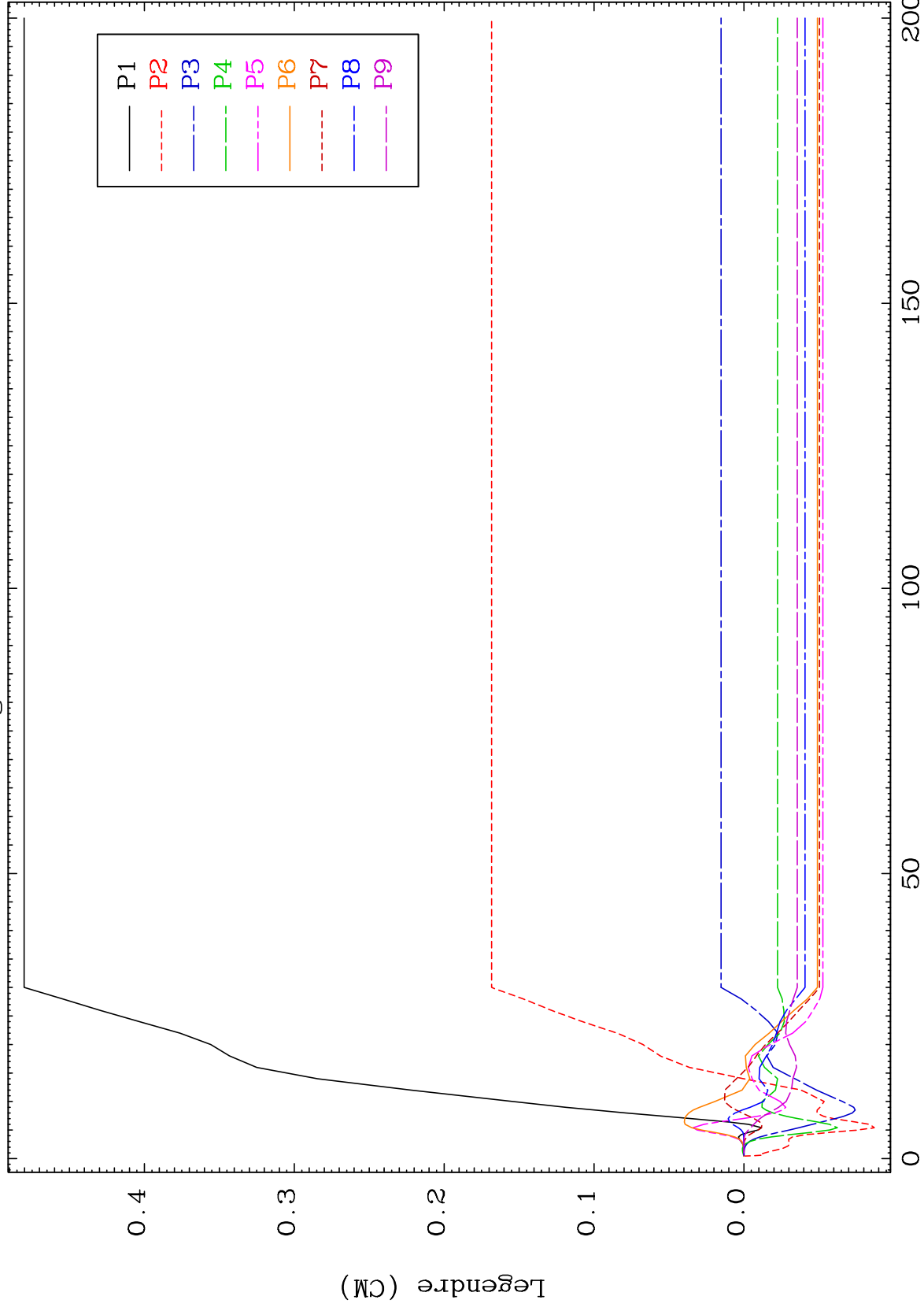
37

69-Tm-171

MAT 6931

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

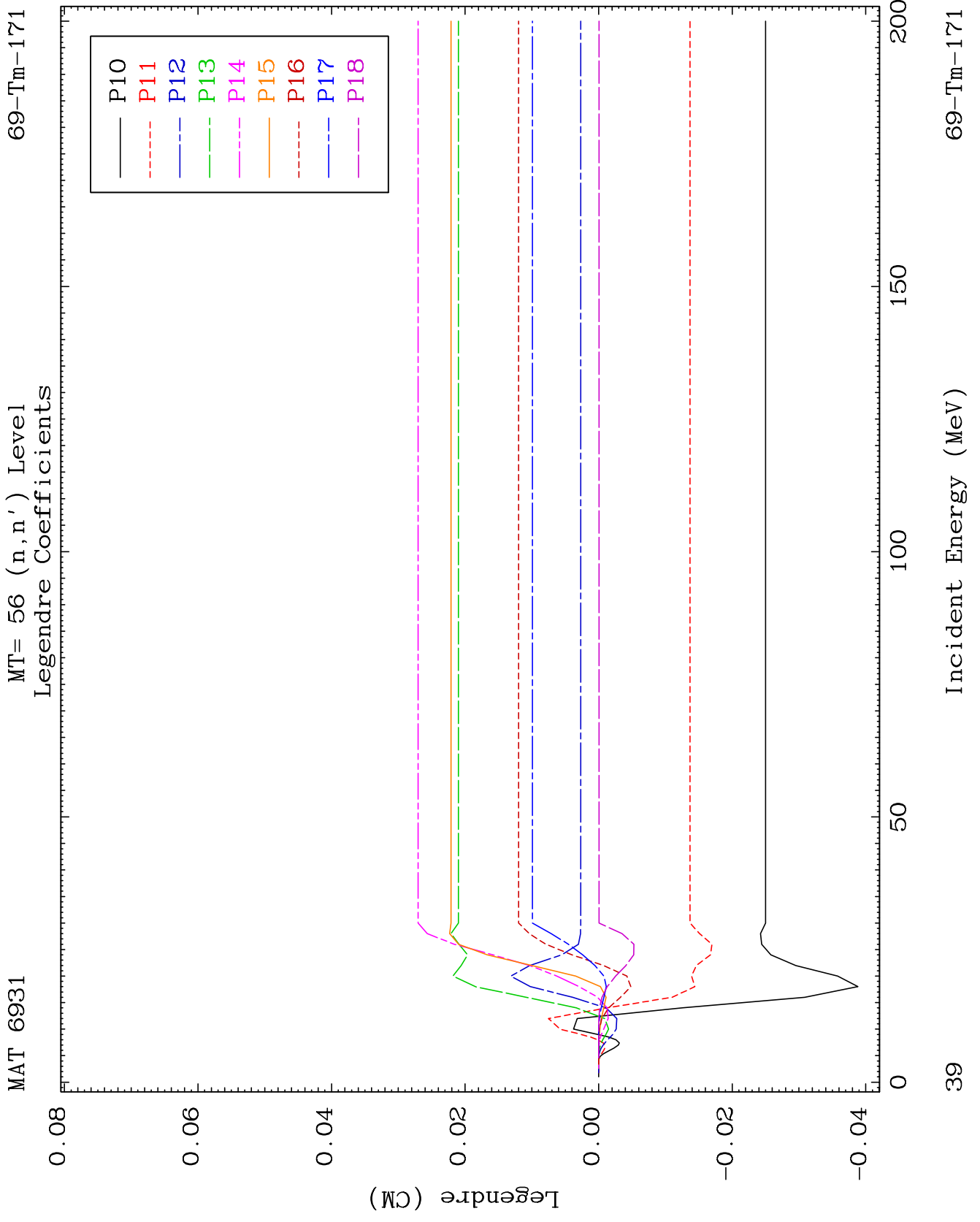
69-Tm-171



38

Incident Energy (MeV)

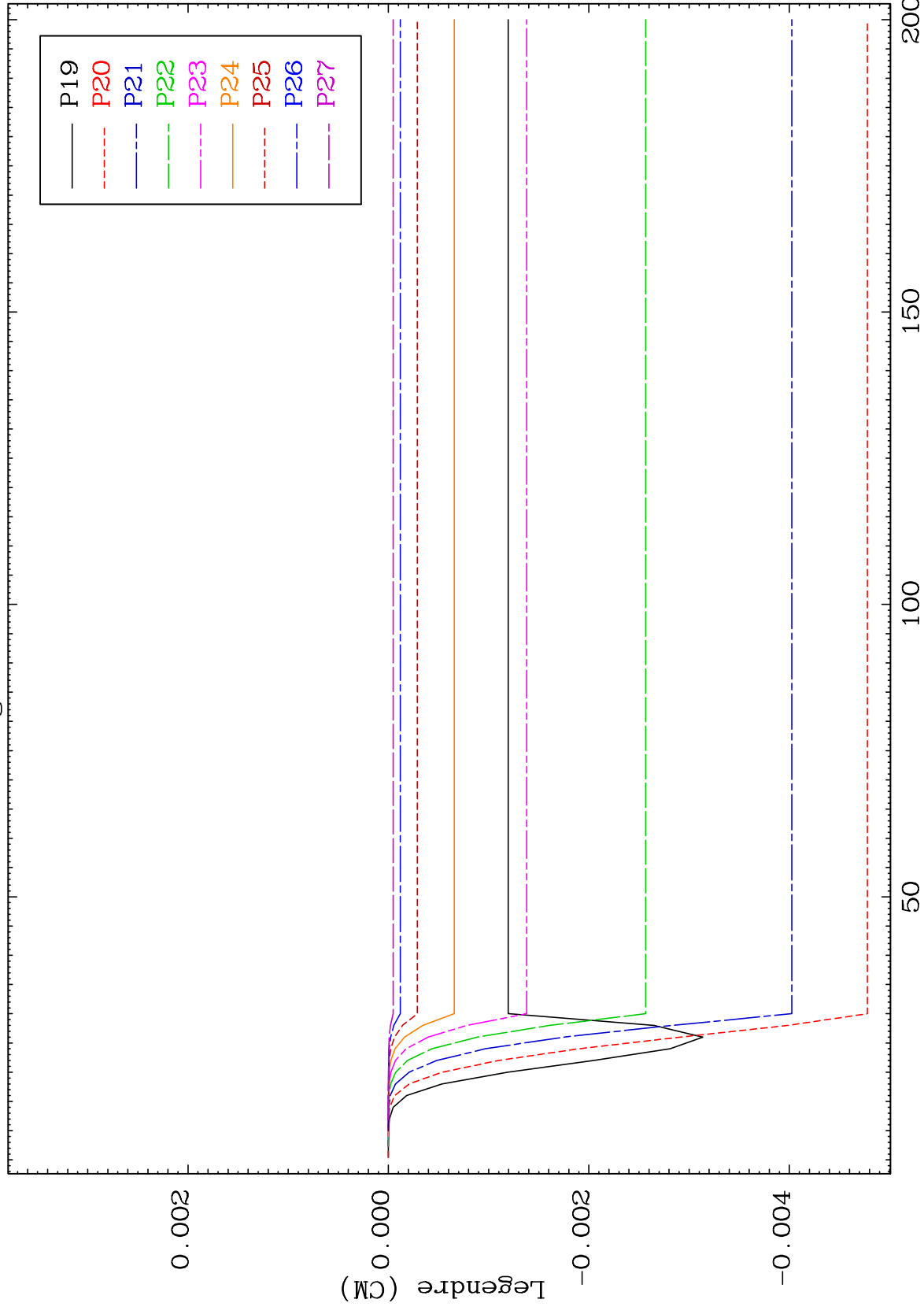
69-Tm-171



MAT 6931

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

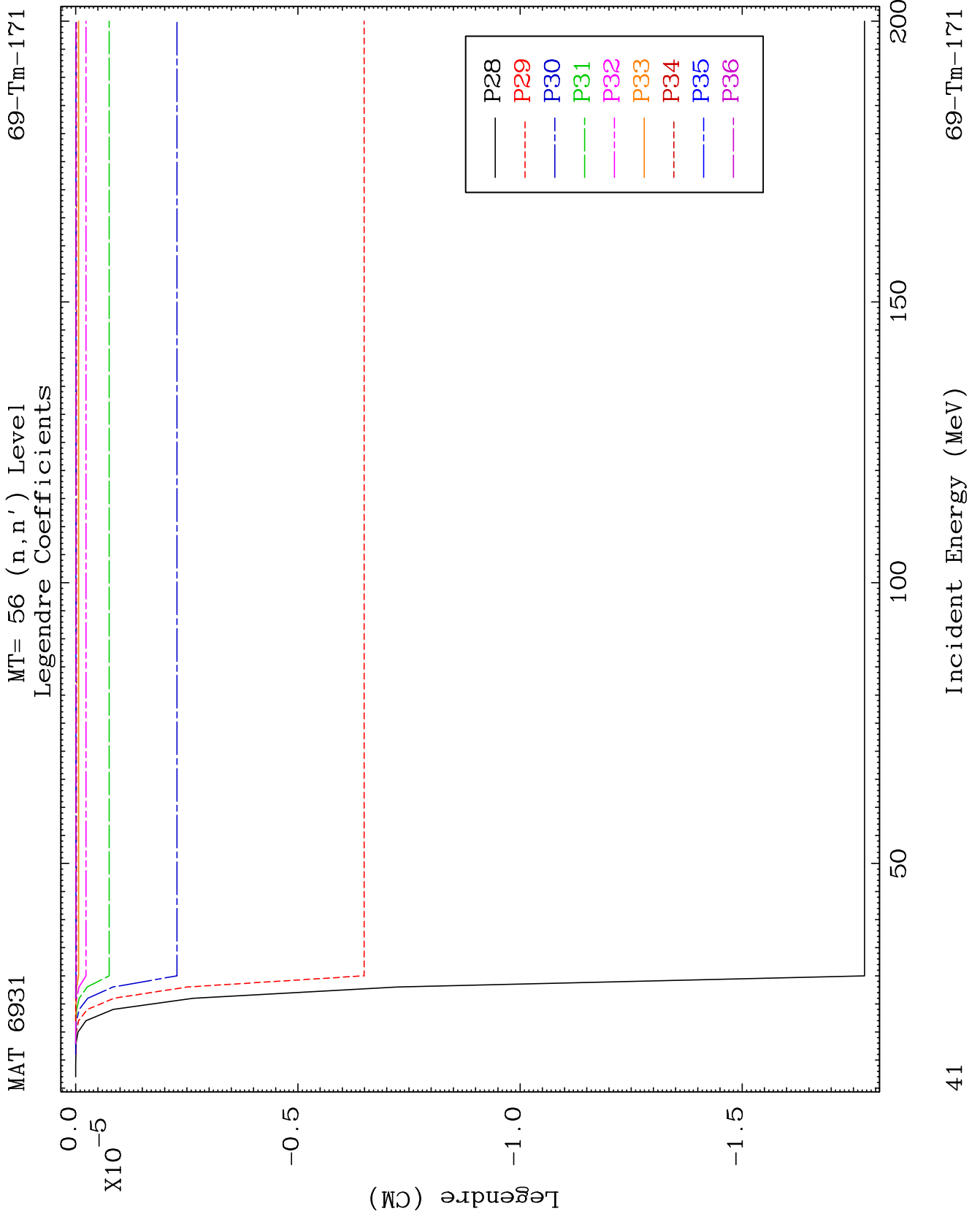
69-Tm-171



40

Incident Energy (MeV)

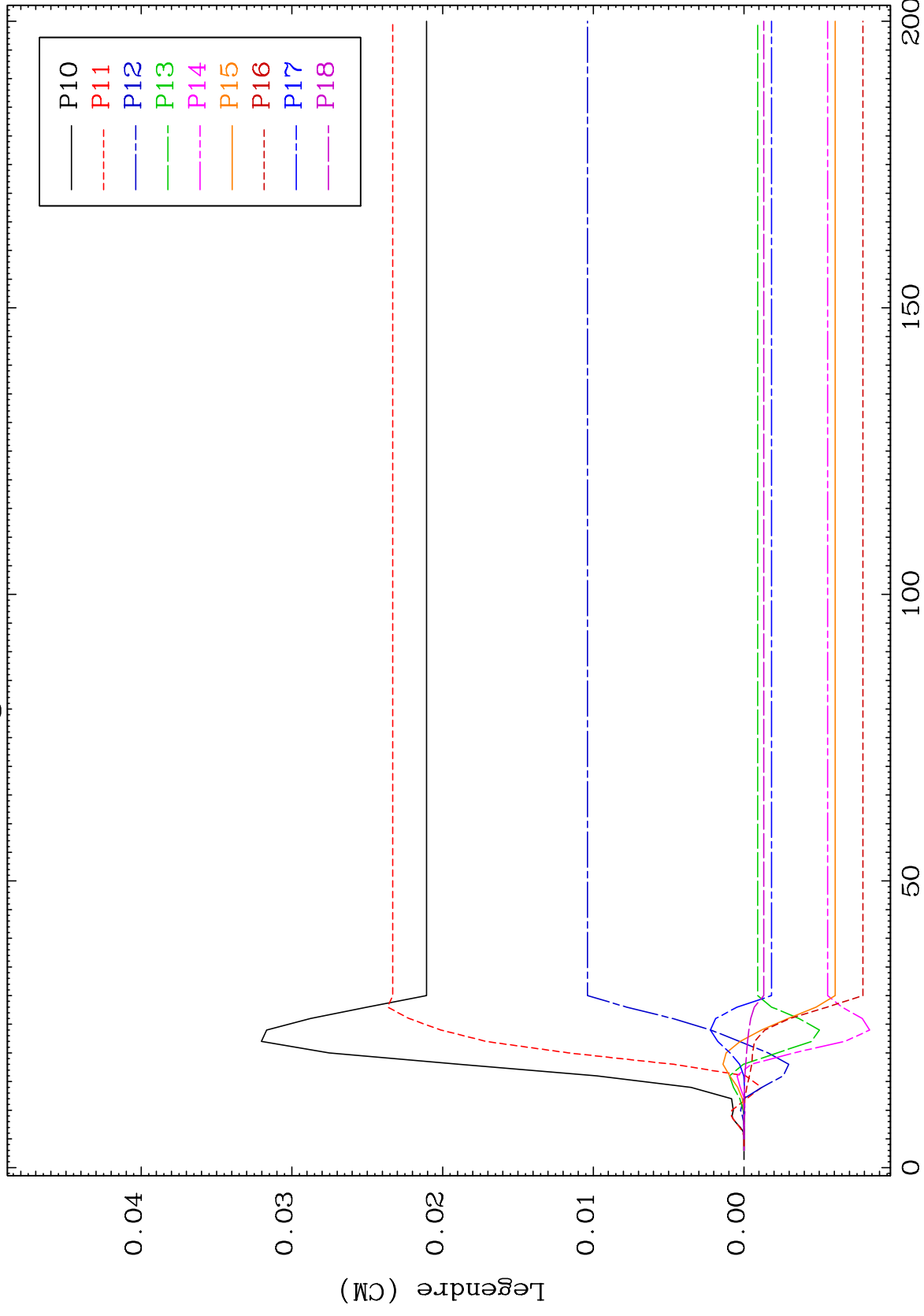
69-Tm-171



MAT 6931

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

69-Tm-171



43

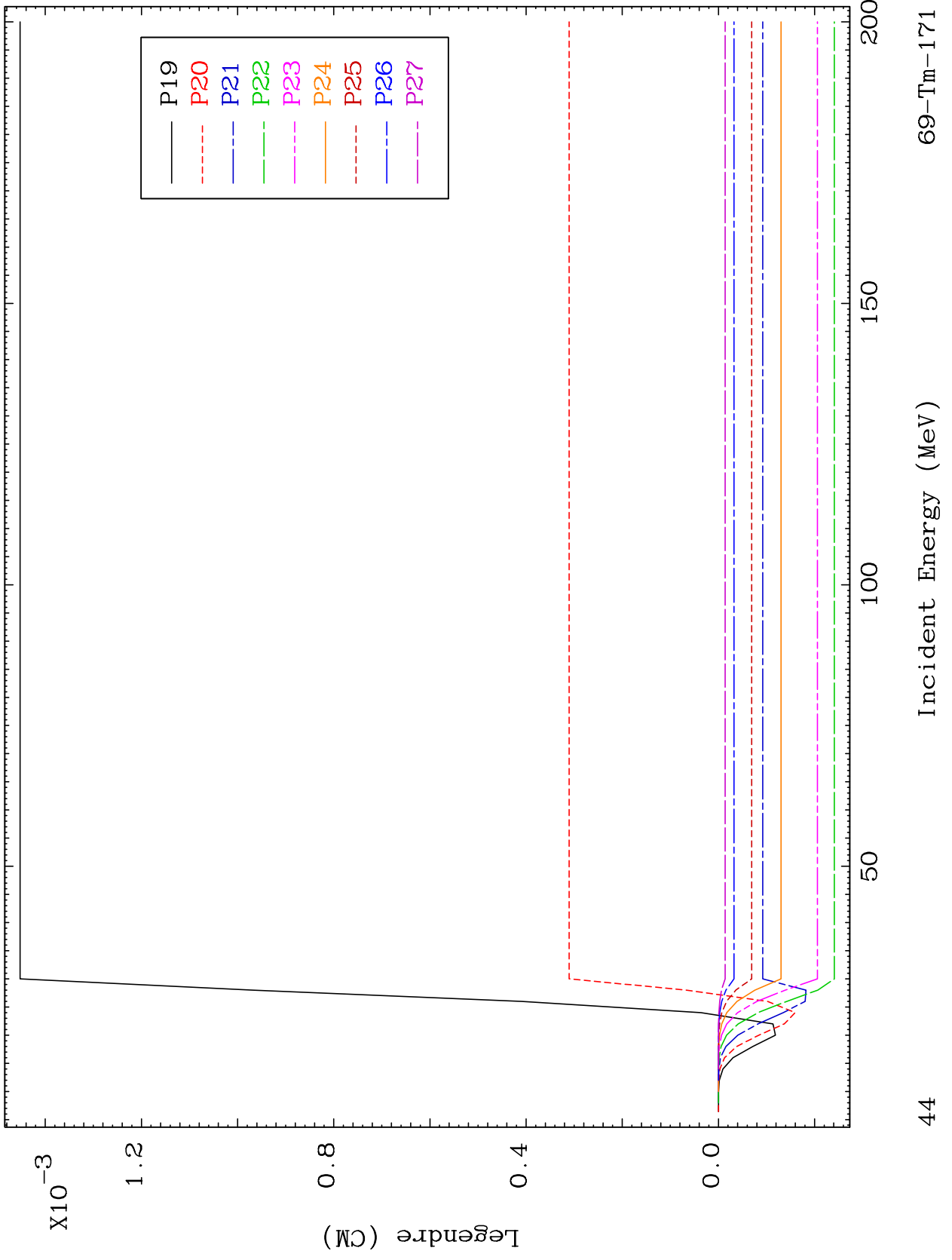
Incident Energy (MeV)

69-Tm-171

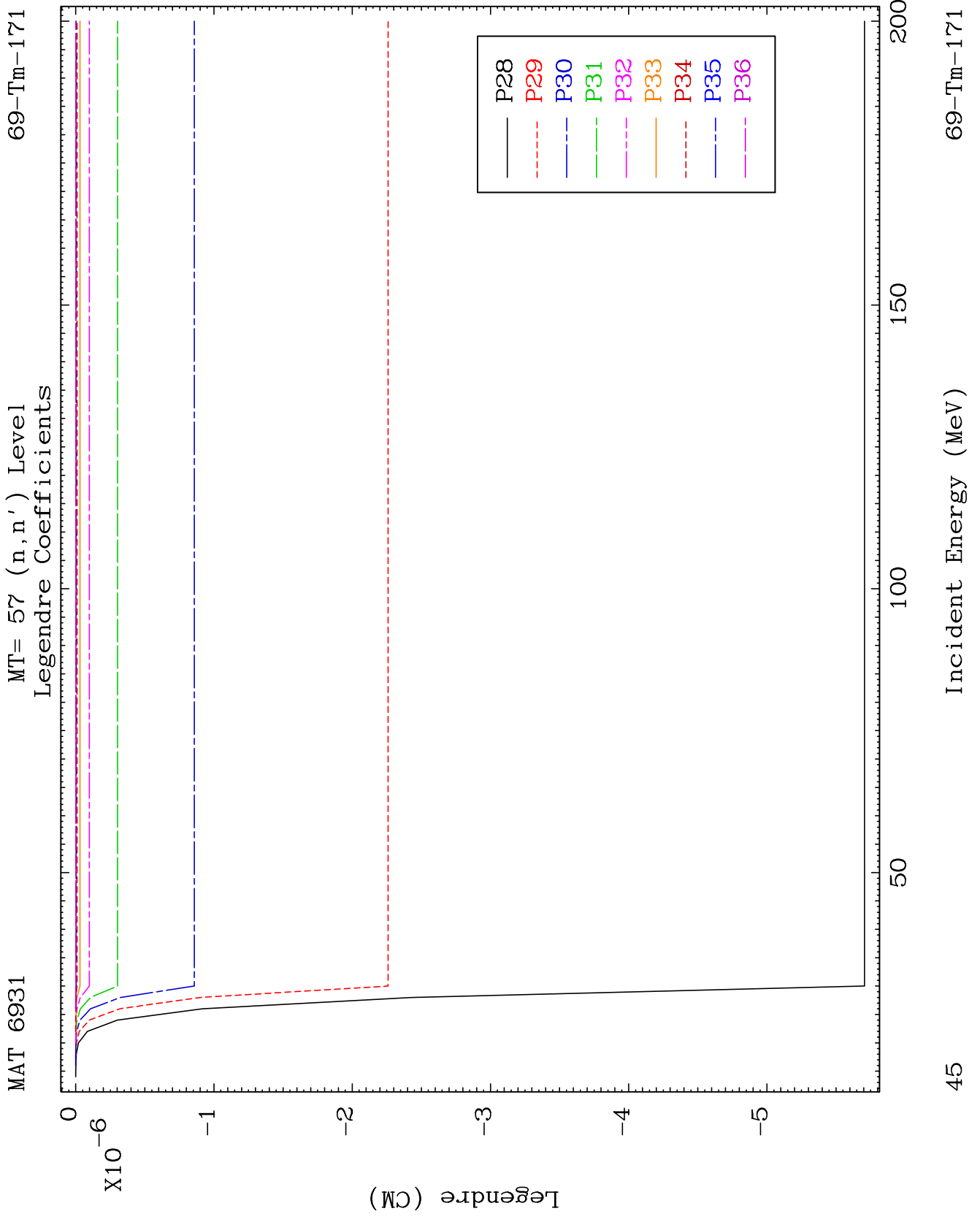
MAT 6931

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

69-Tm-171



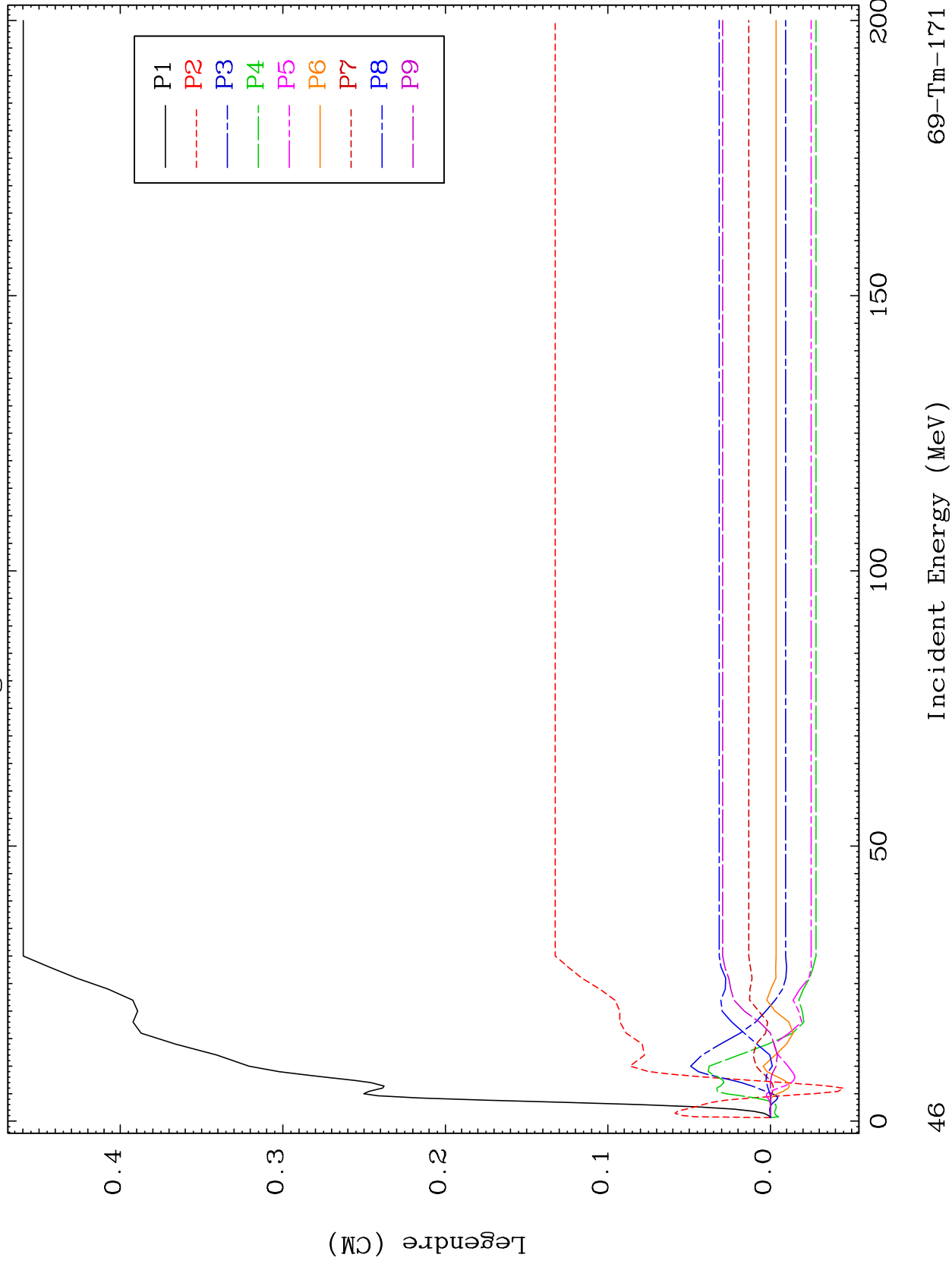
44



MAT 6931

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

69-Tm-171



69-Tm-171

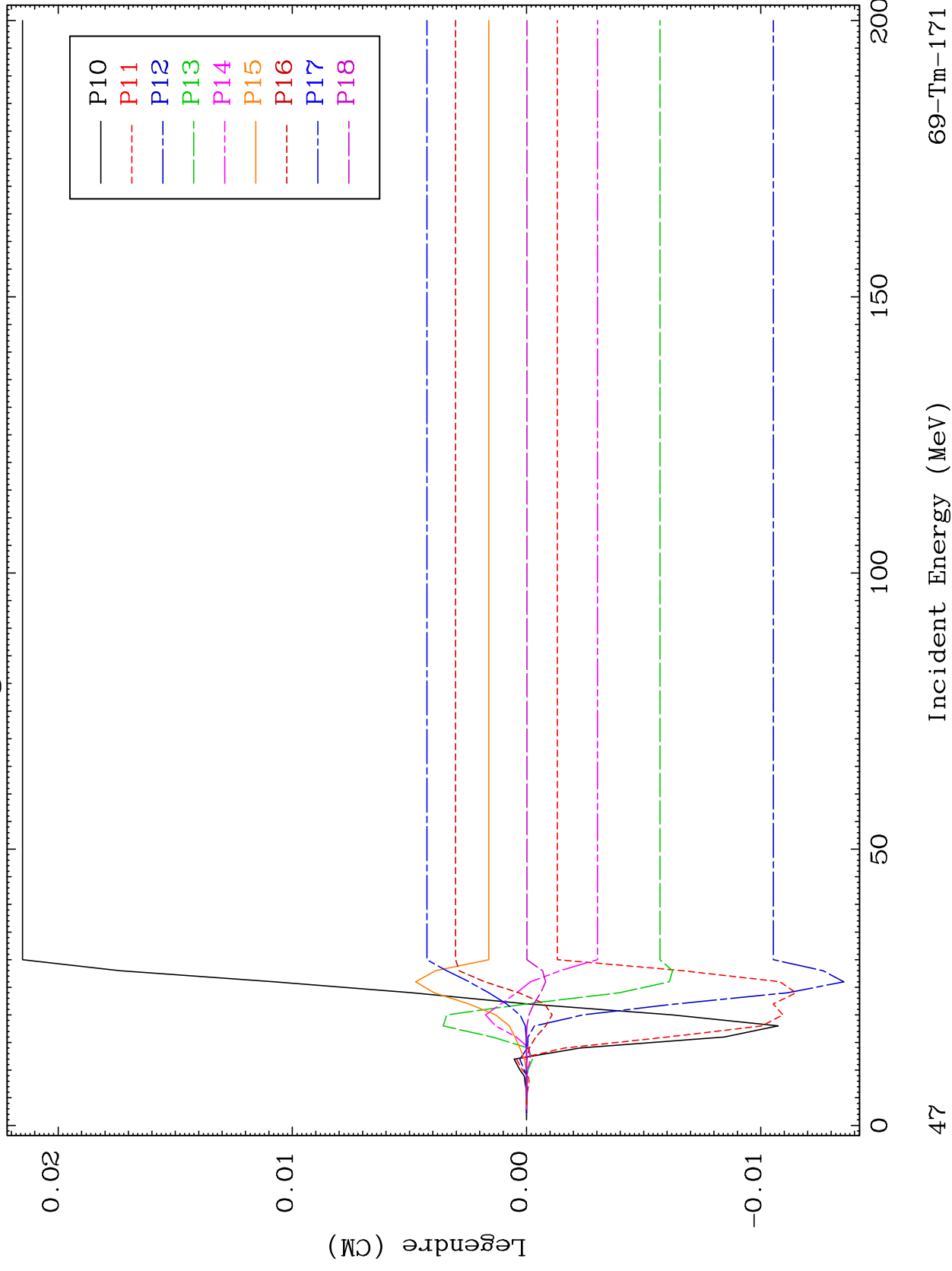
Incident Energy (MeV)

46

MAT 6931

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

69-Tm-171



47

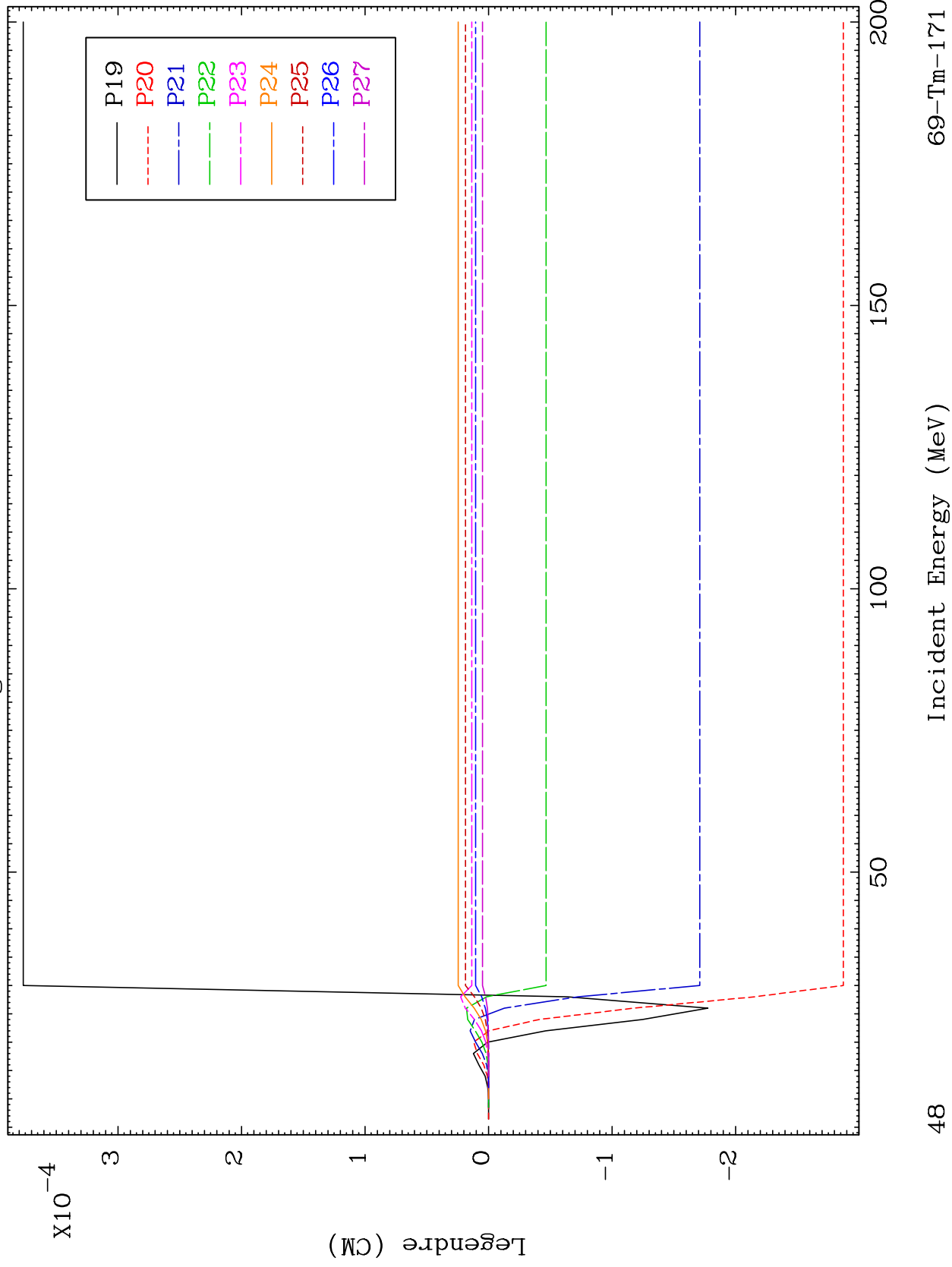
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



48

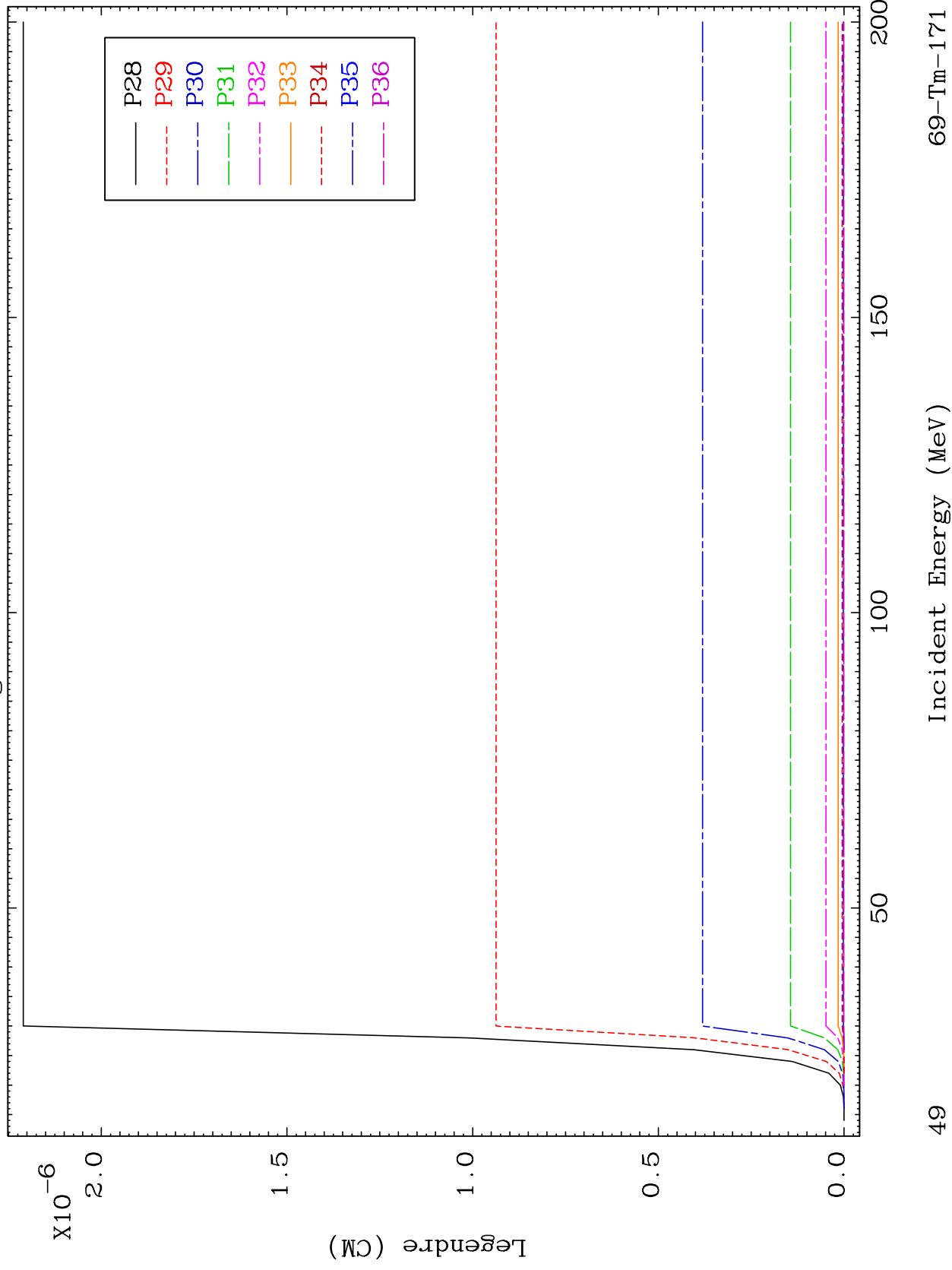
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

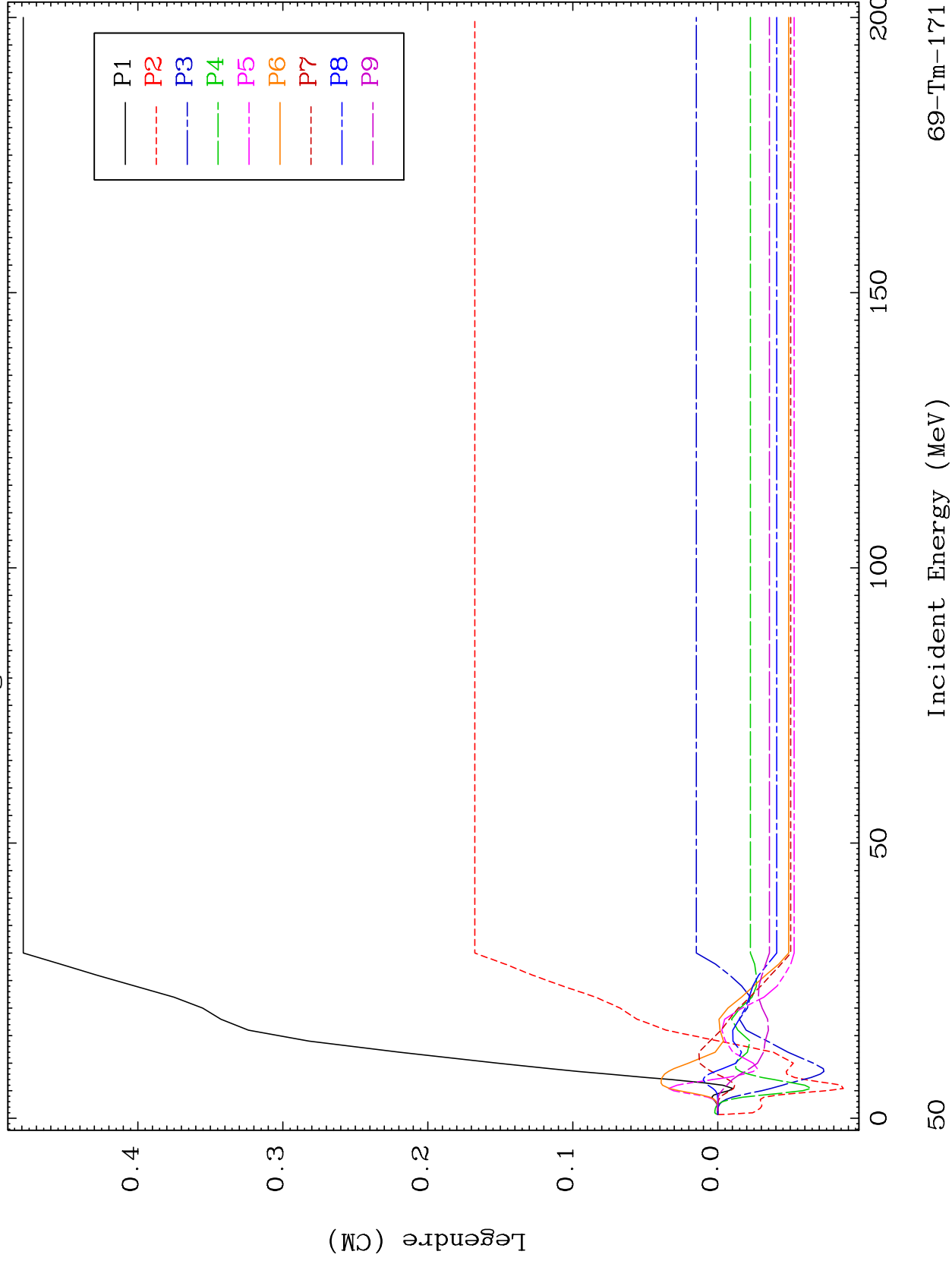
69-Tm-171



MAT 6931

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

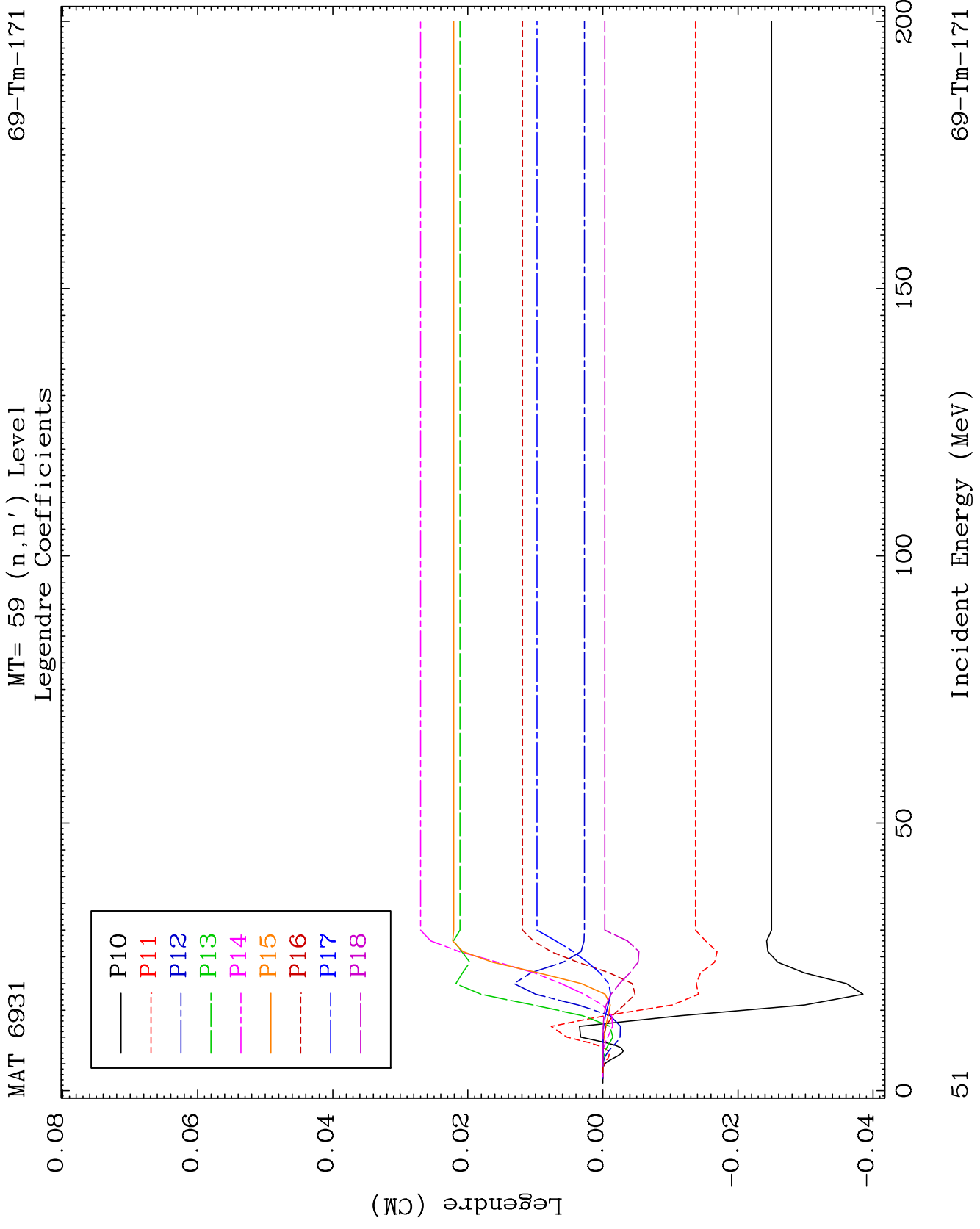
69-Tm-171



69-Tm-171

Incident Energy (MeV)

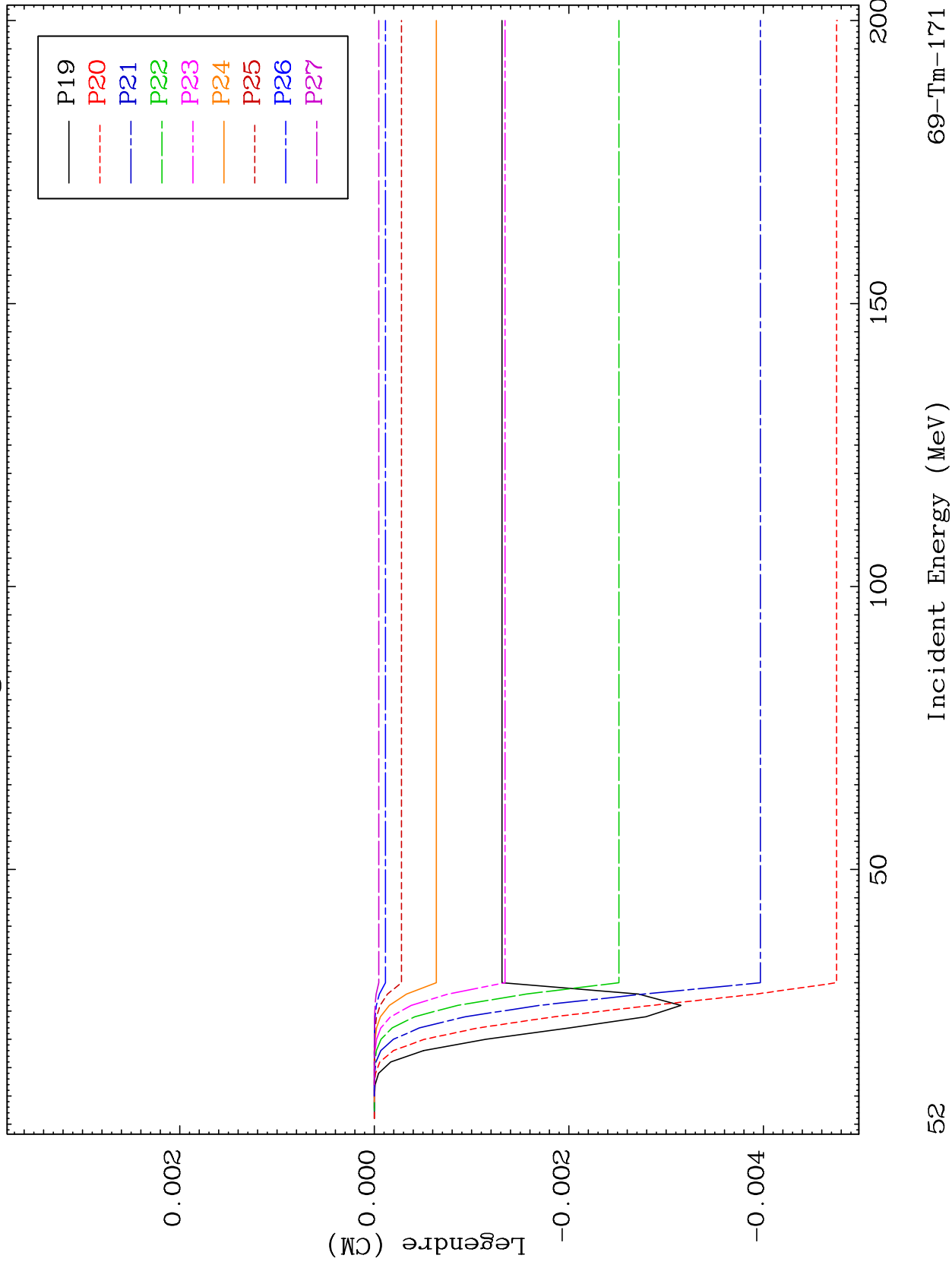
50



MAT 6931

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

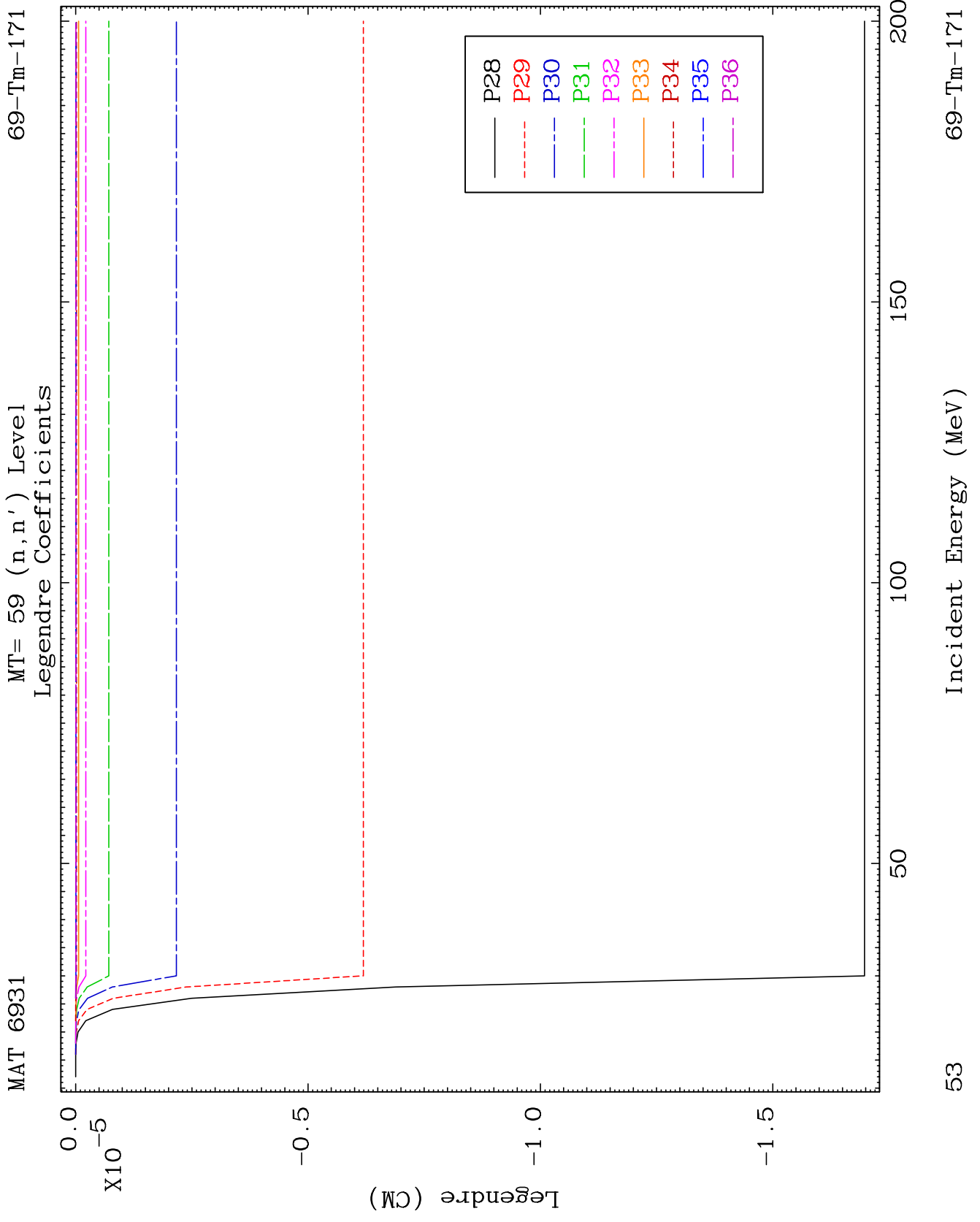
69-Tm-171



52

Incident Energy (MeV)

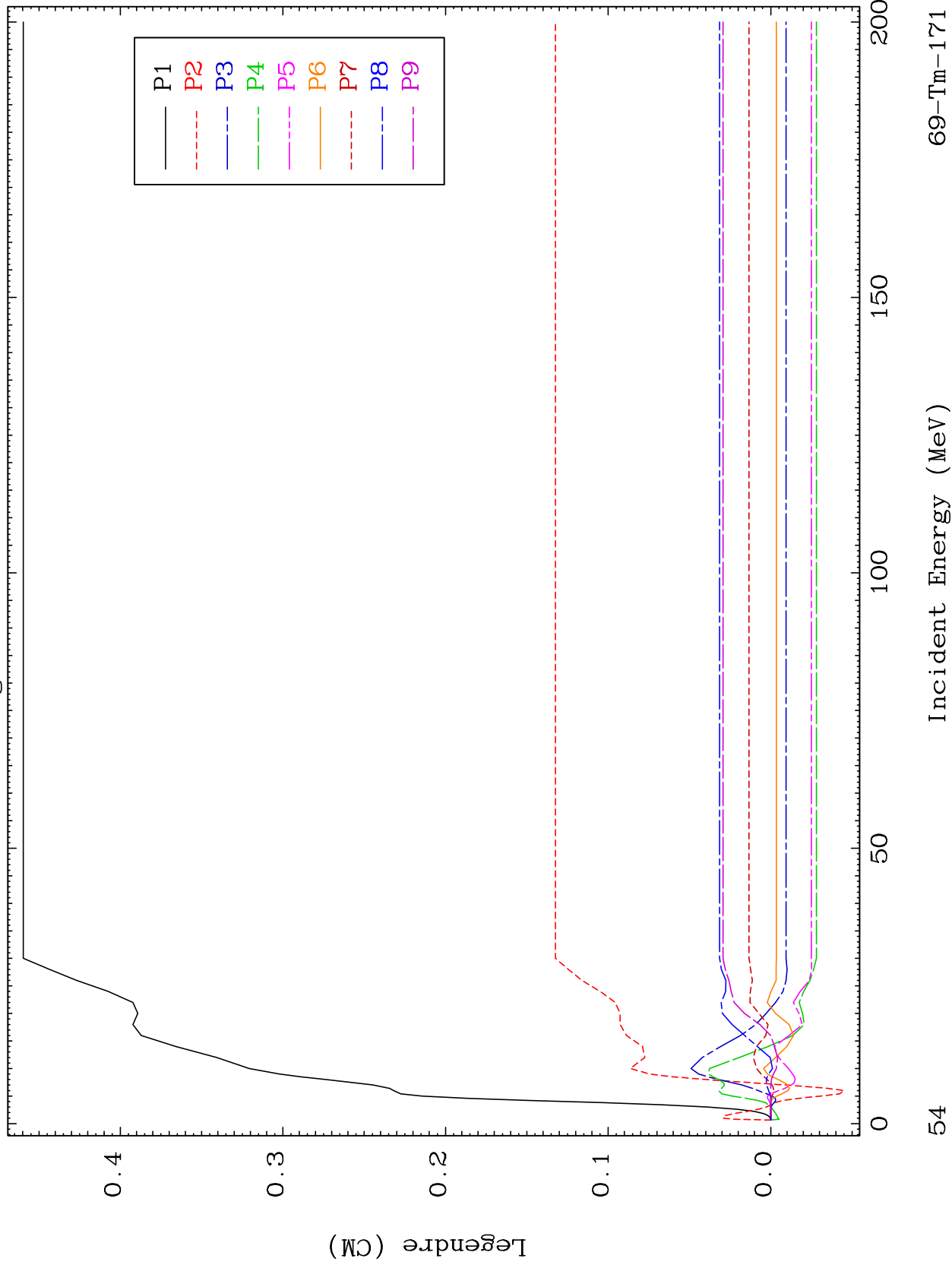
69-Tm-171



MAT 6931

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

69-Tm-171



54

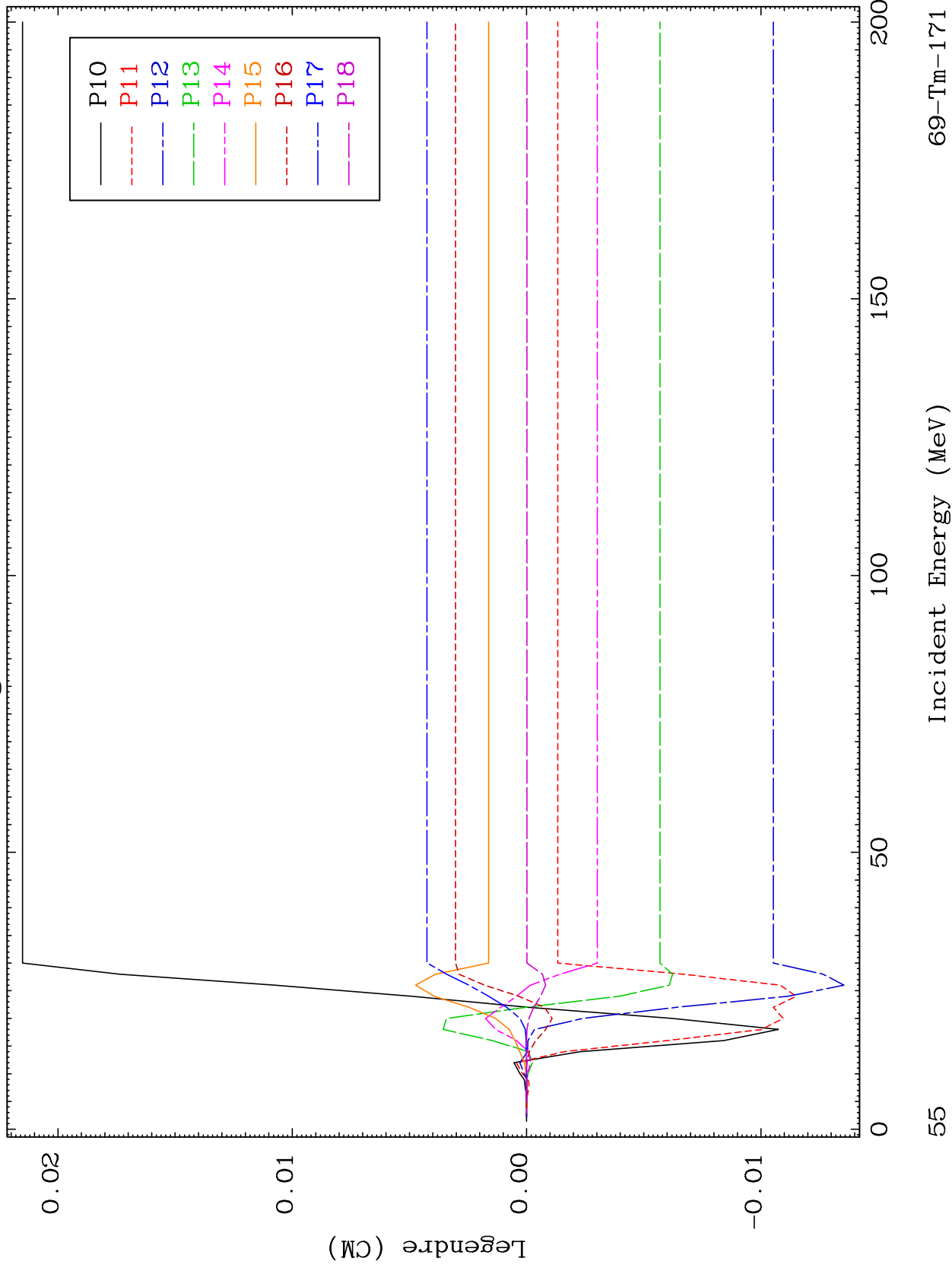
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

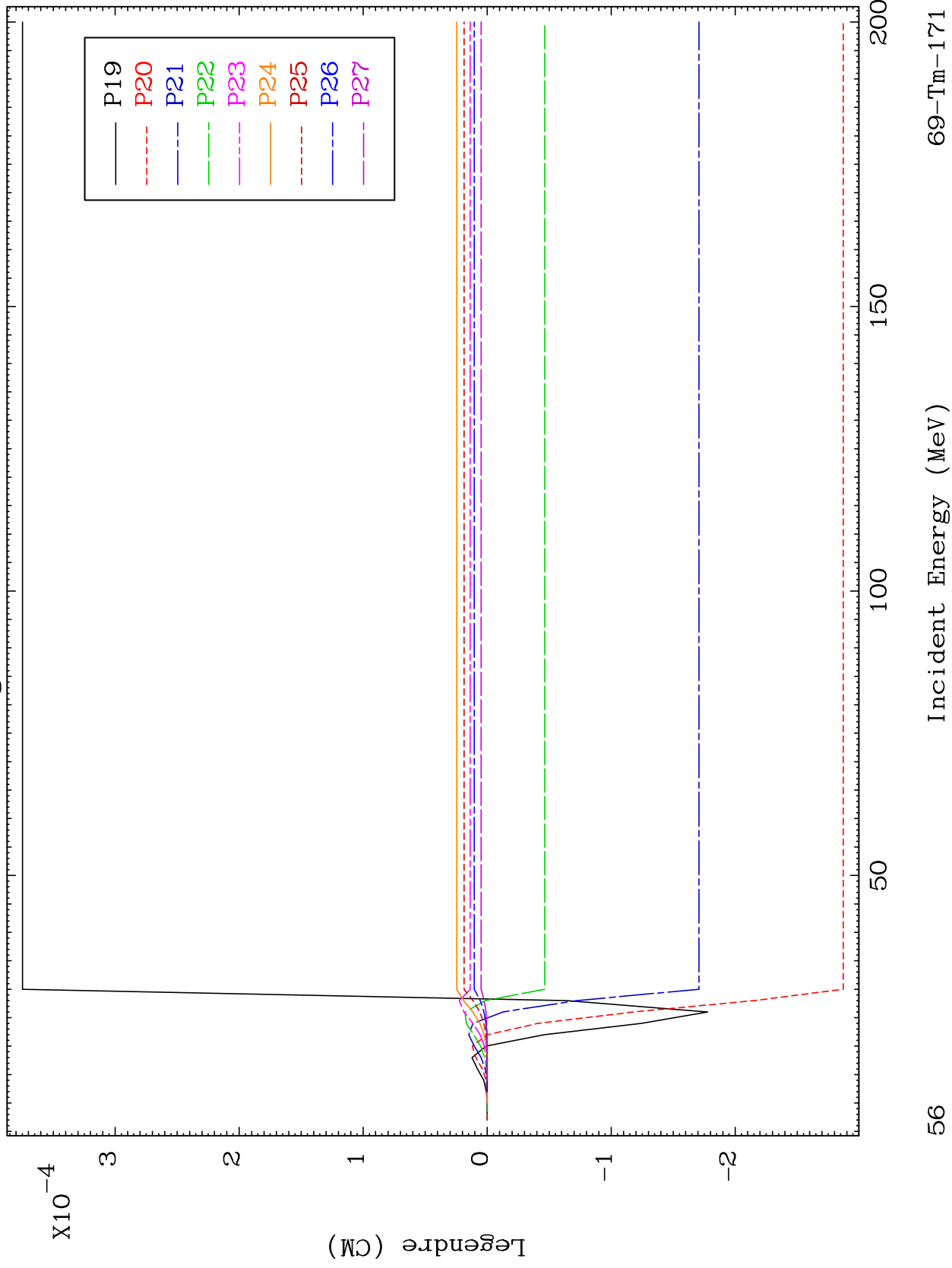
Incident Energy (MeV)

55

MAT 6931

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

69-Tm-171



56

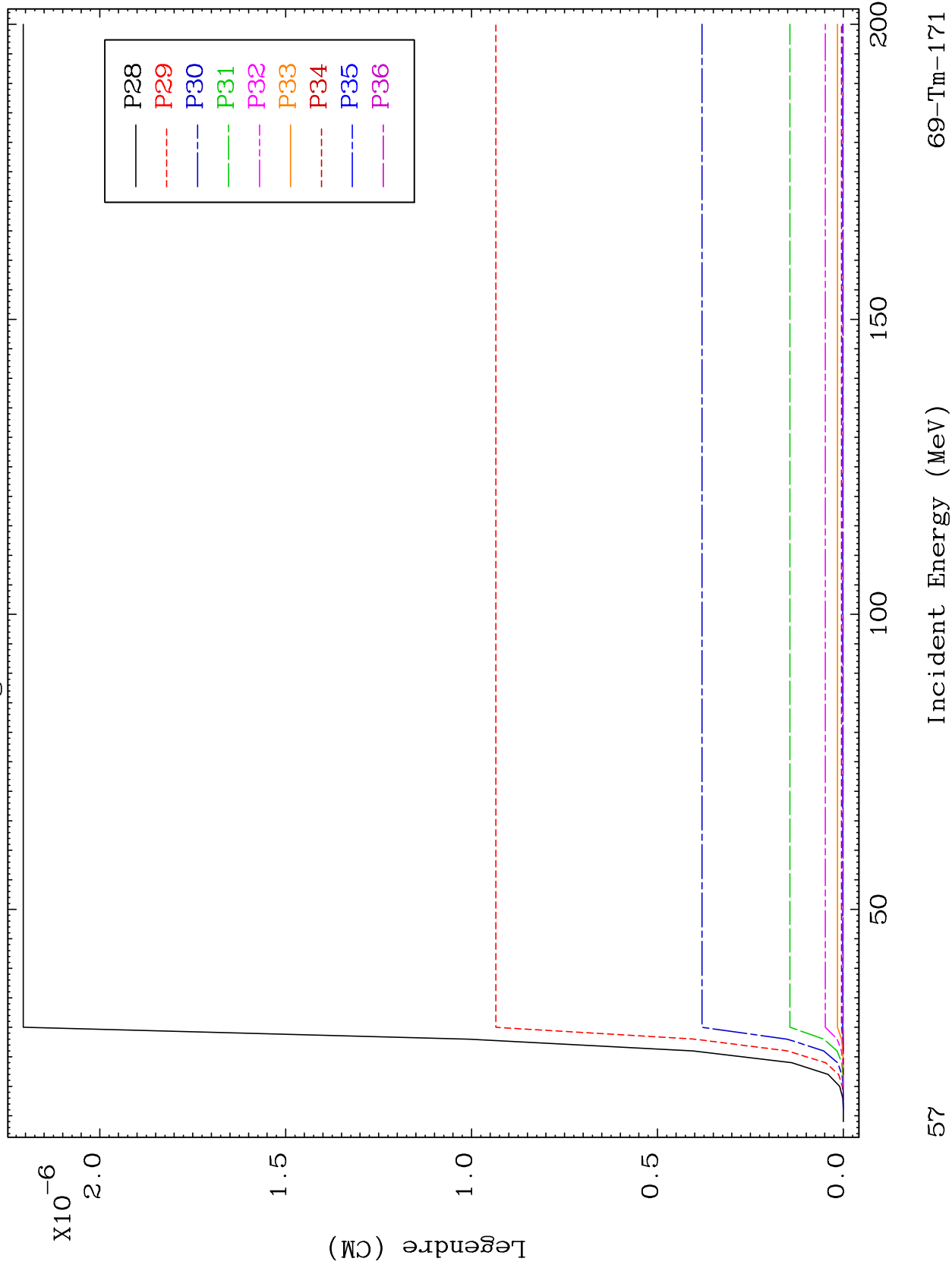
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

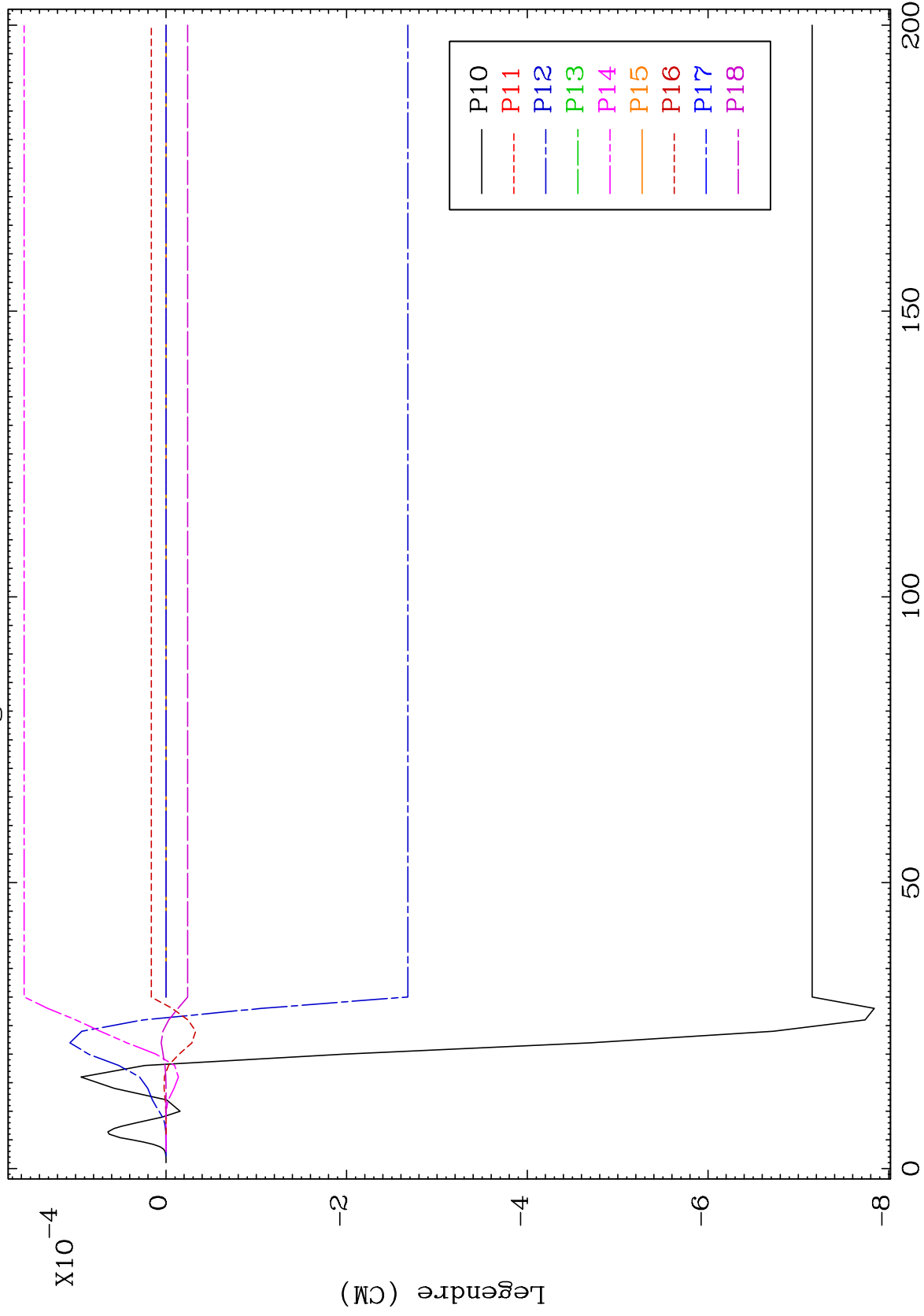
69-Tm-171



MAT 6931

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

69-Tm-171



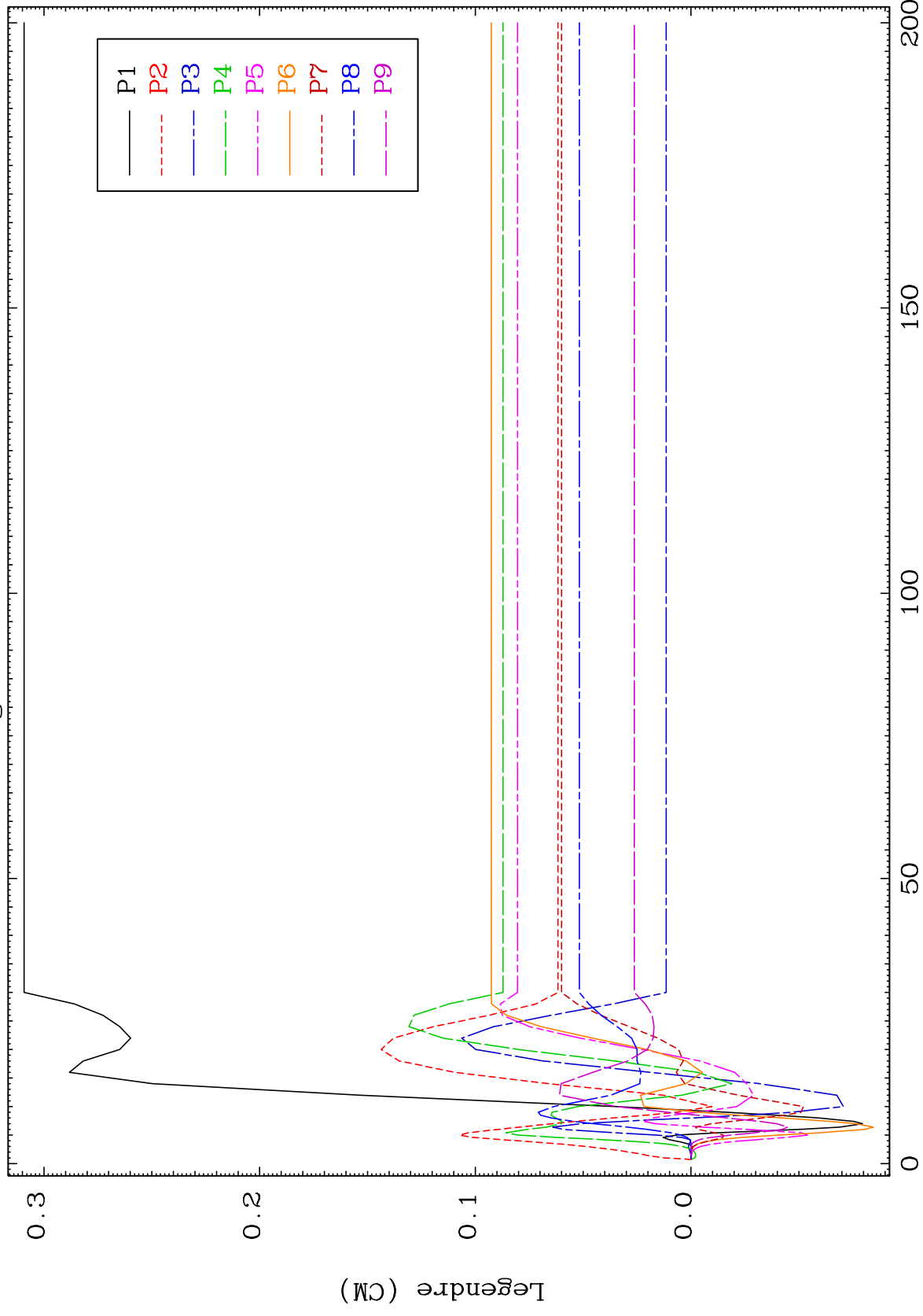
59

69-Tm-171

MAT 6931

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

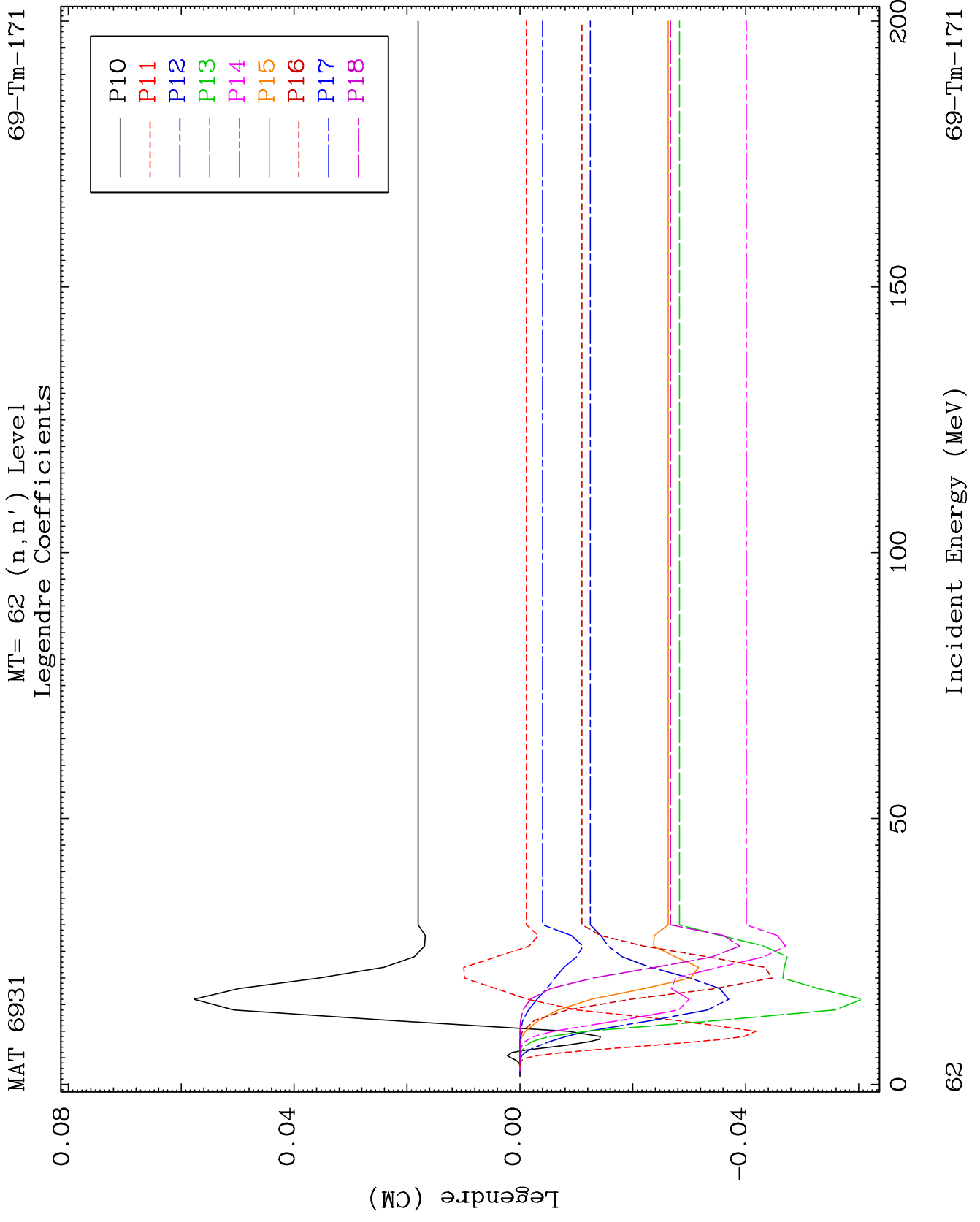
69-Tm-171



61

Incident Energy (MeV)

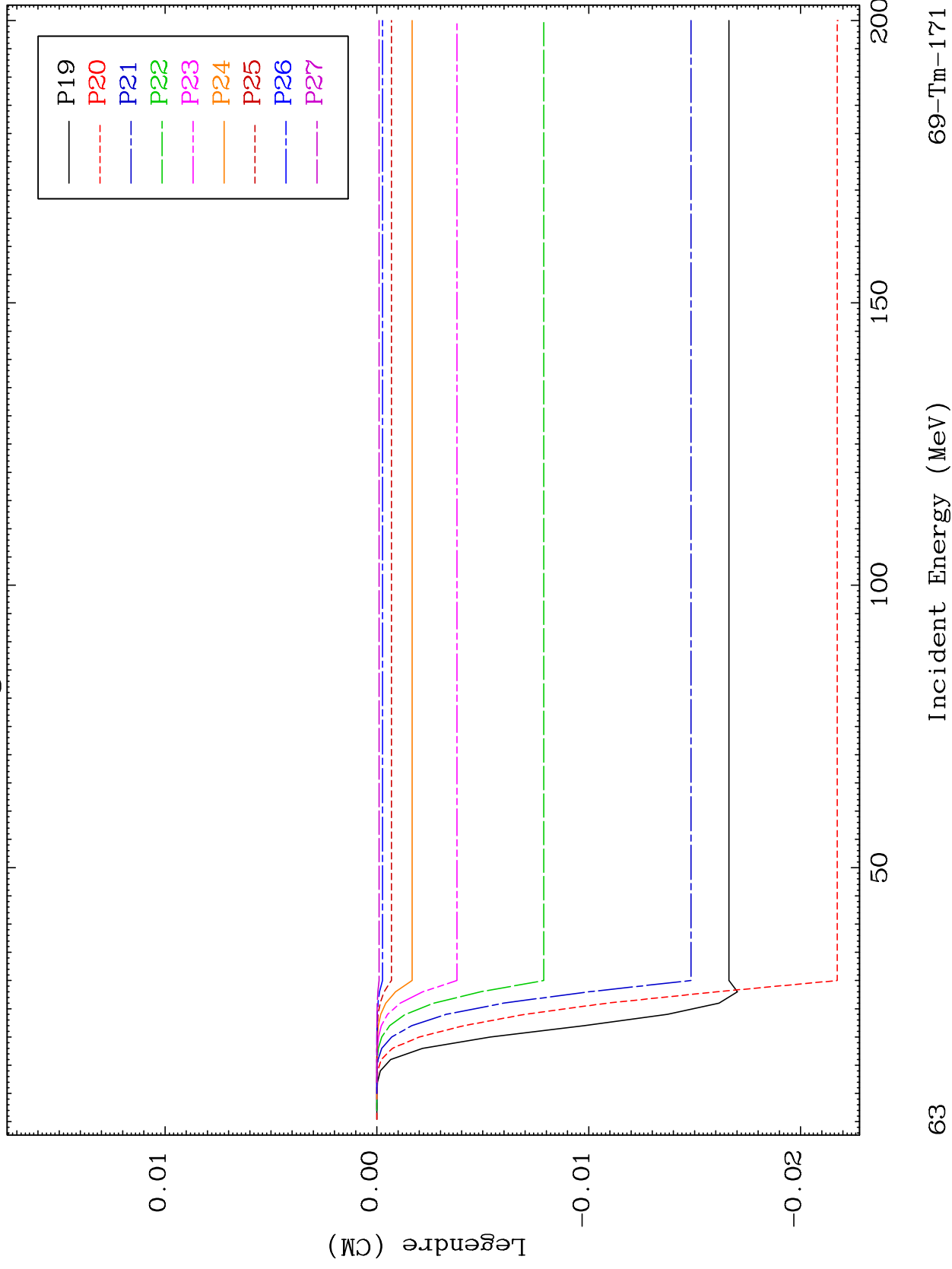
69-Tm-171



MAT 6931

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

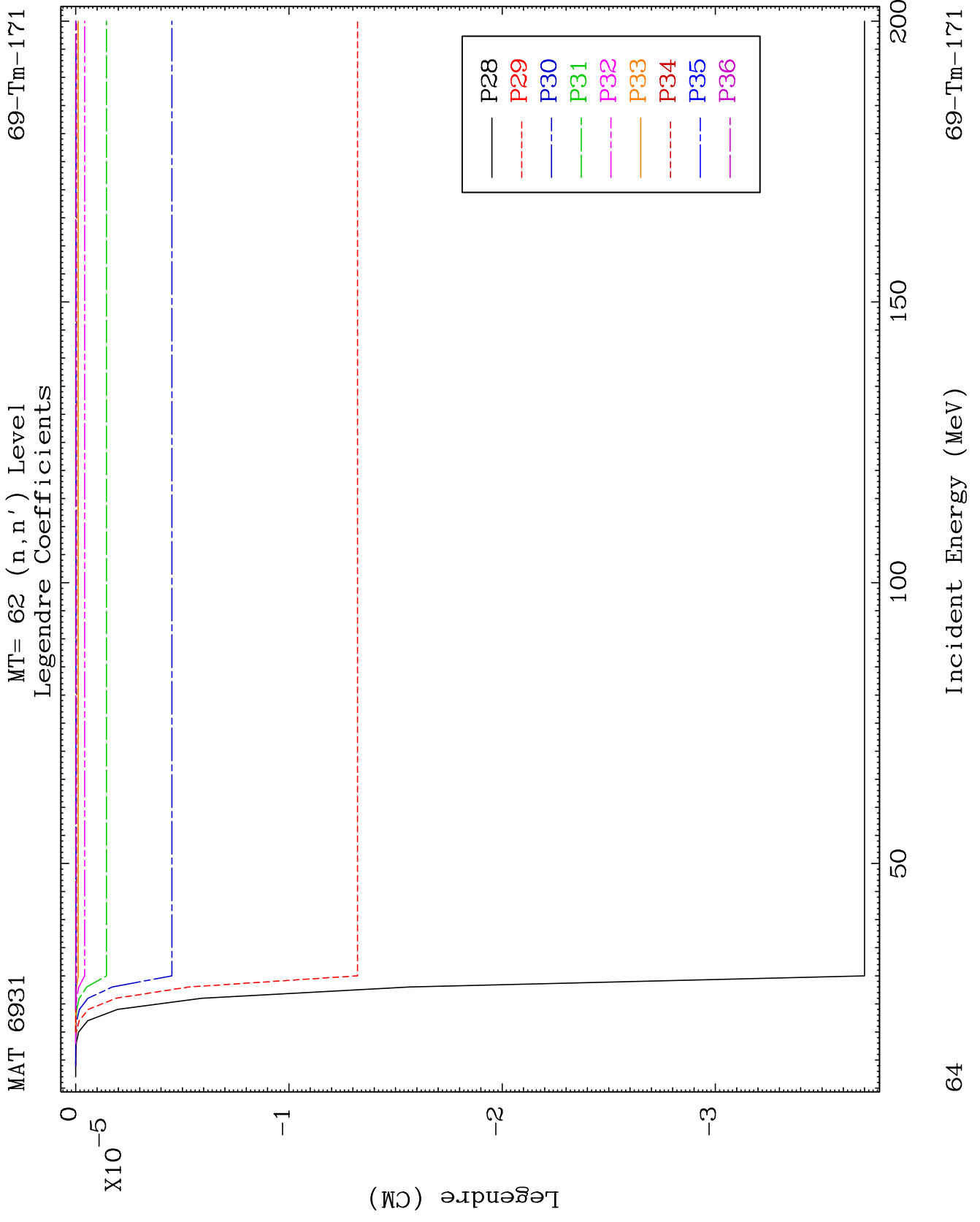
69-Tm-171



63

Incident Energy (MeV)

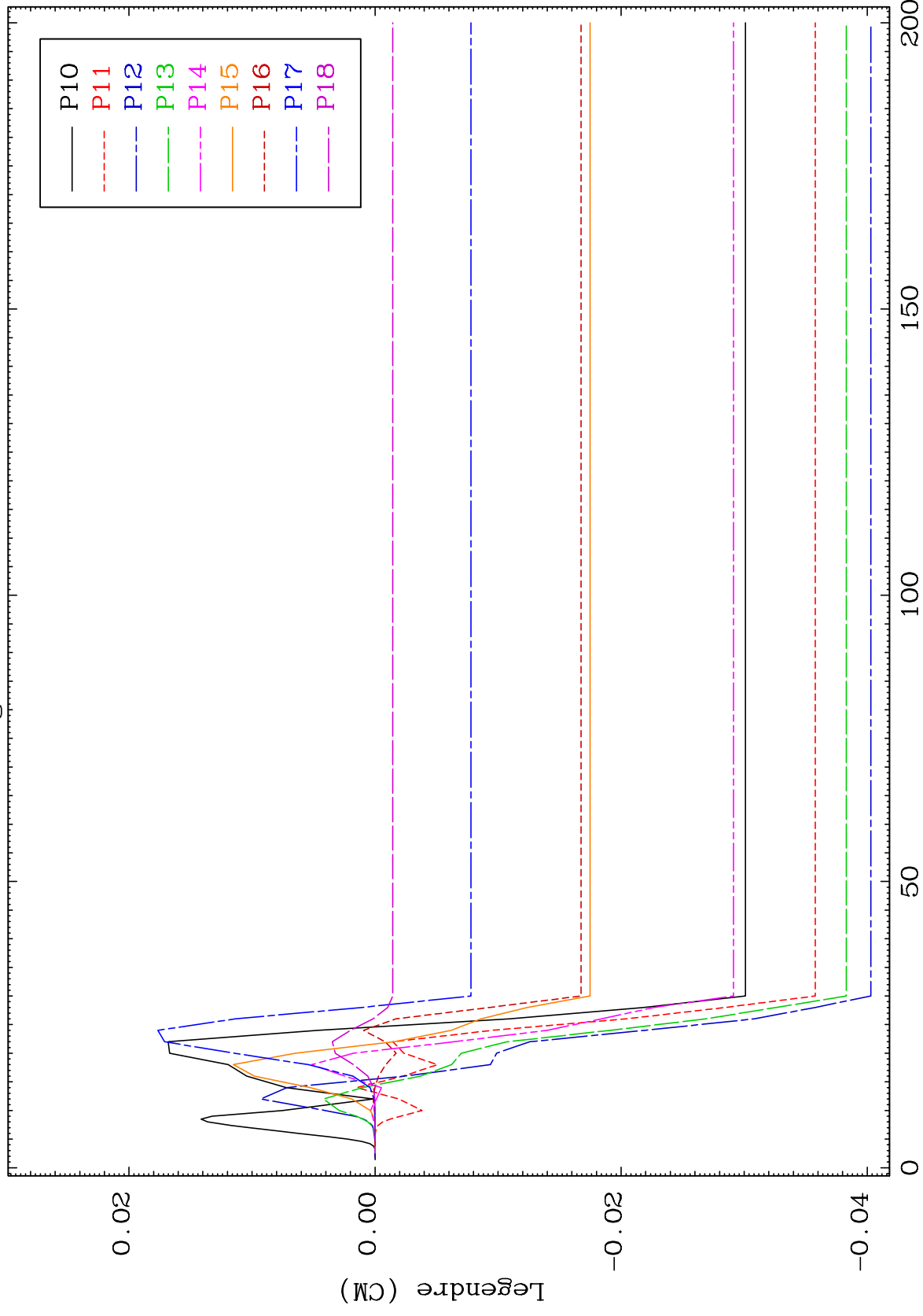
69-Tm-171



MAT 6931

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

69-Tm-171



66

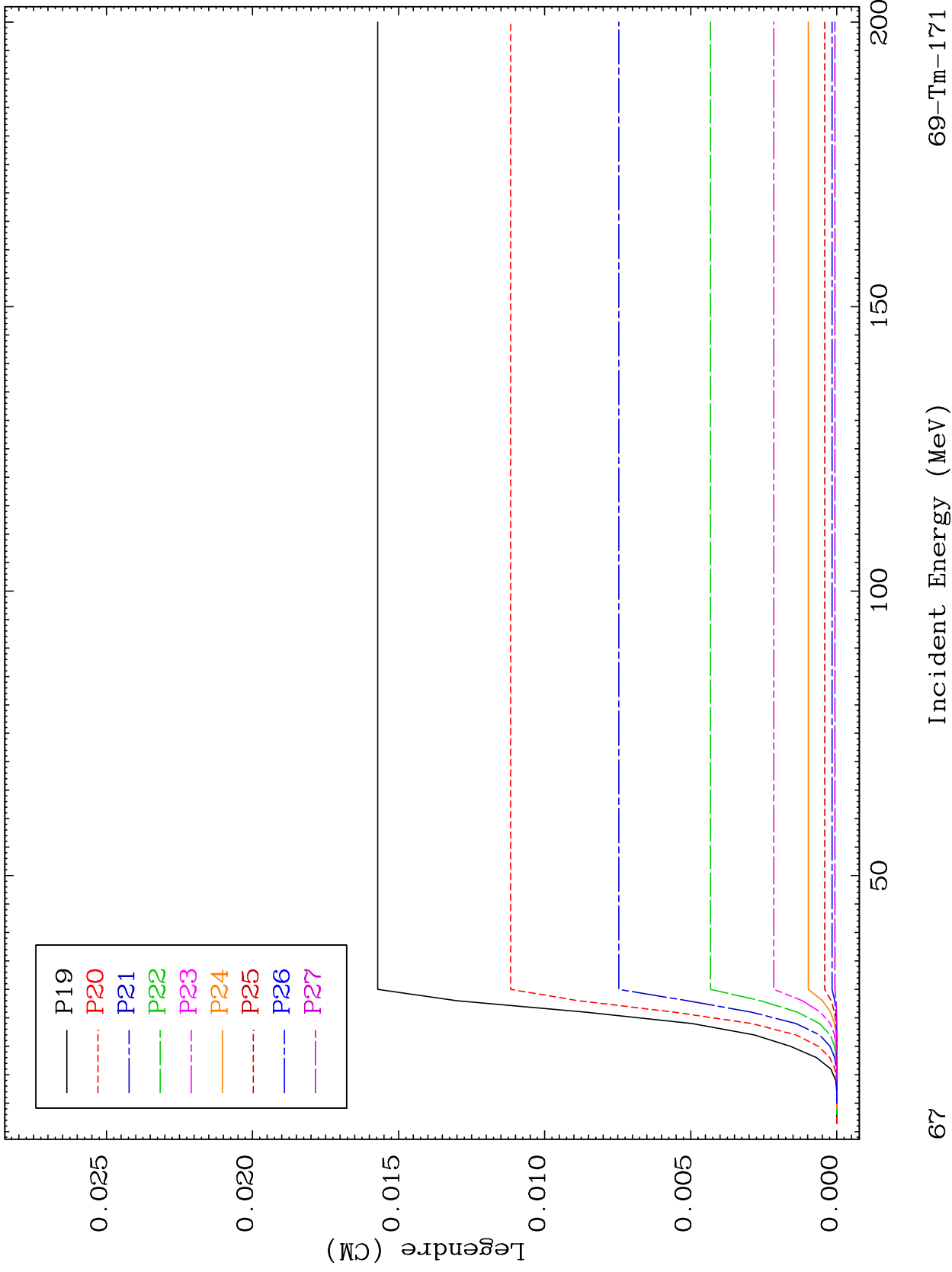
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



67

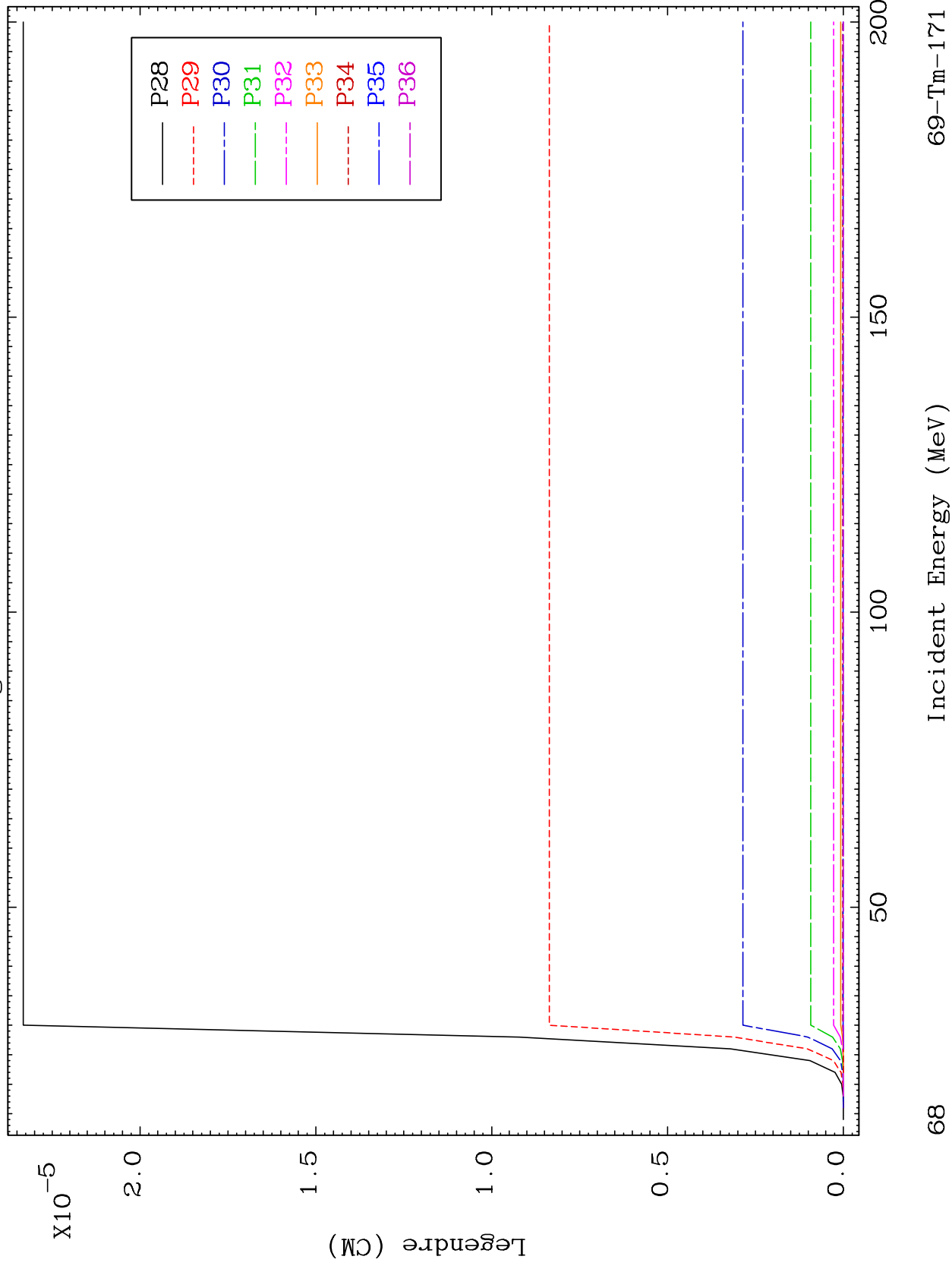
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



68

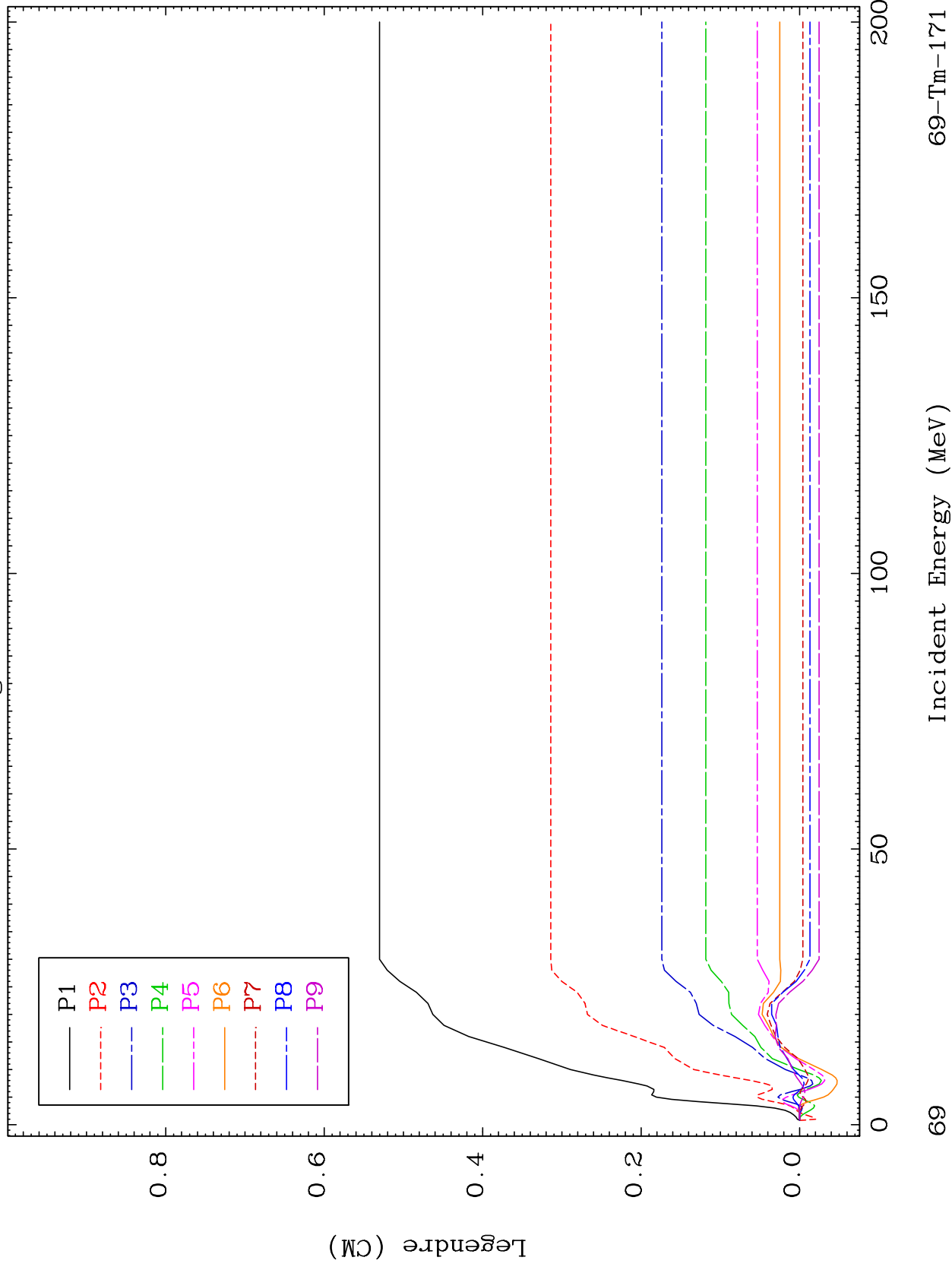
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

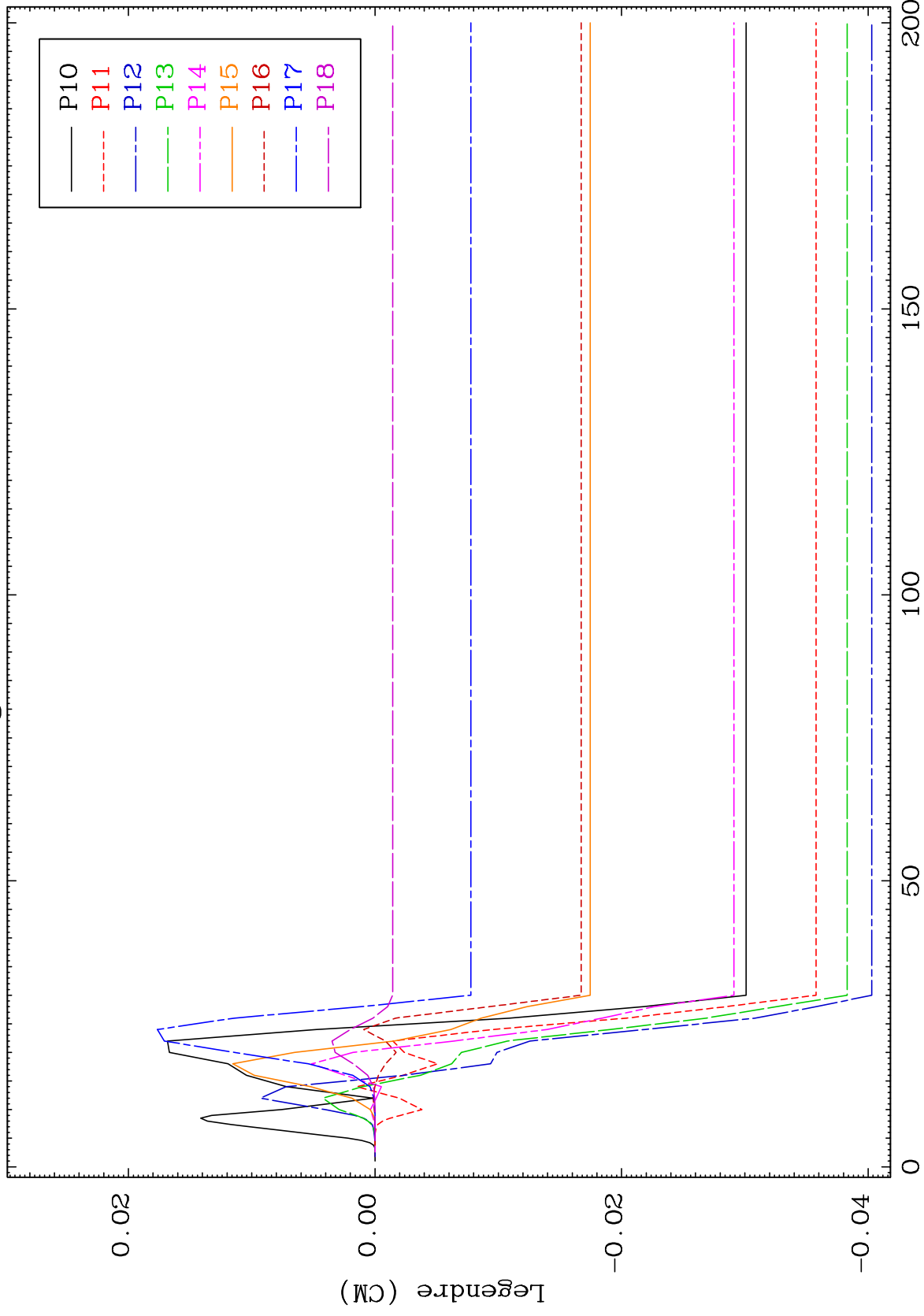
Incident Energy (MeV)

69

MAT 6931

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

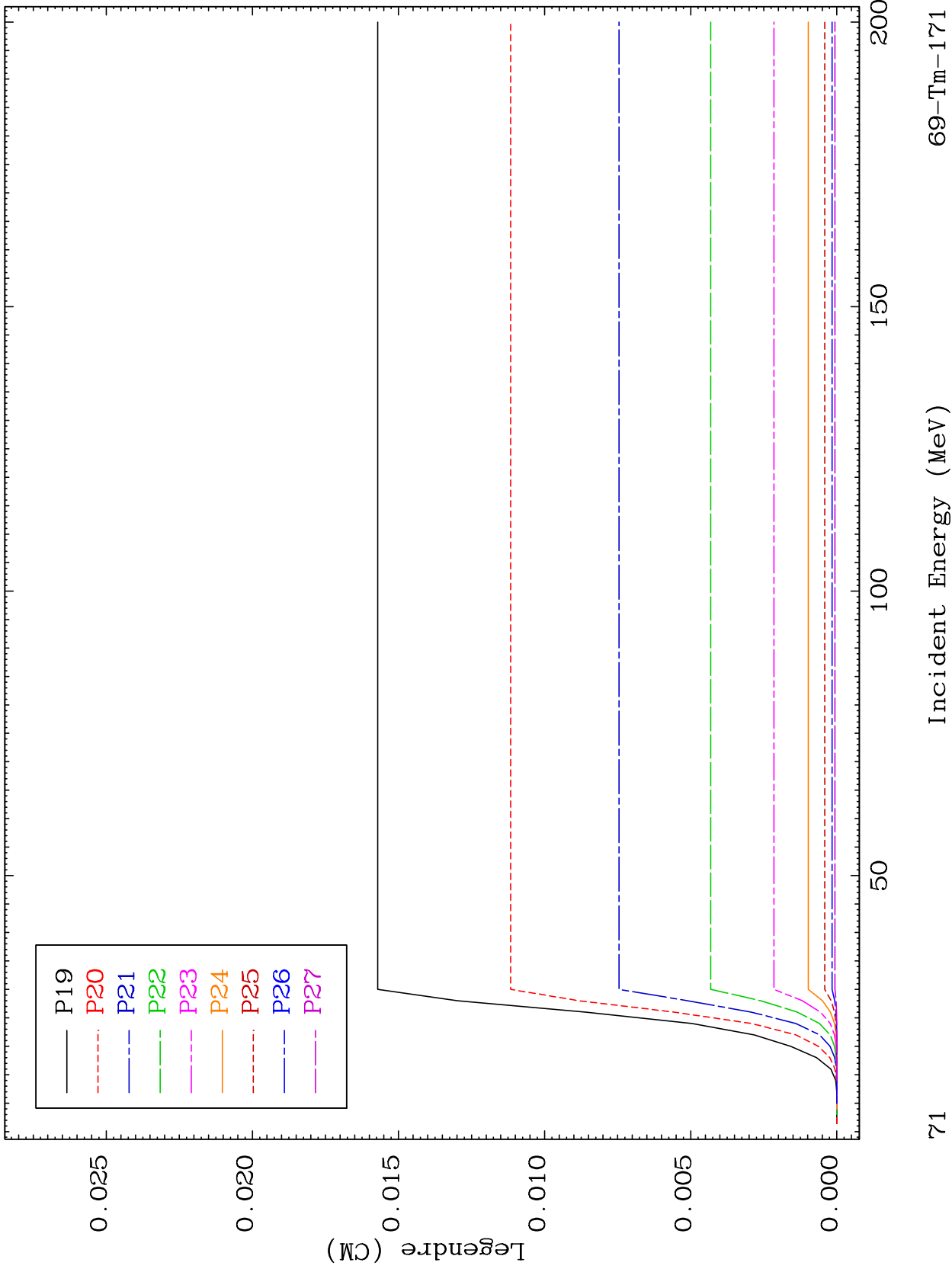
69-Tm-171



69-Tm-171

Incident Energy (MeV)

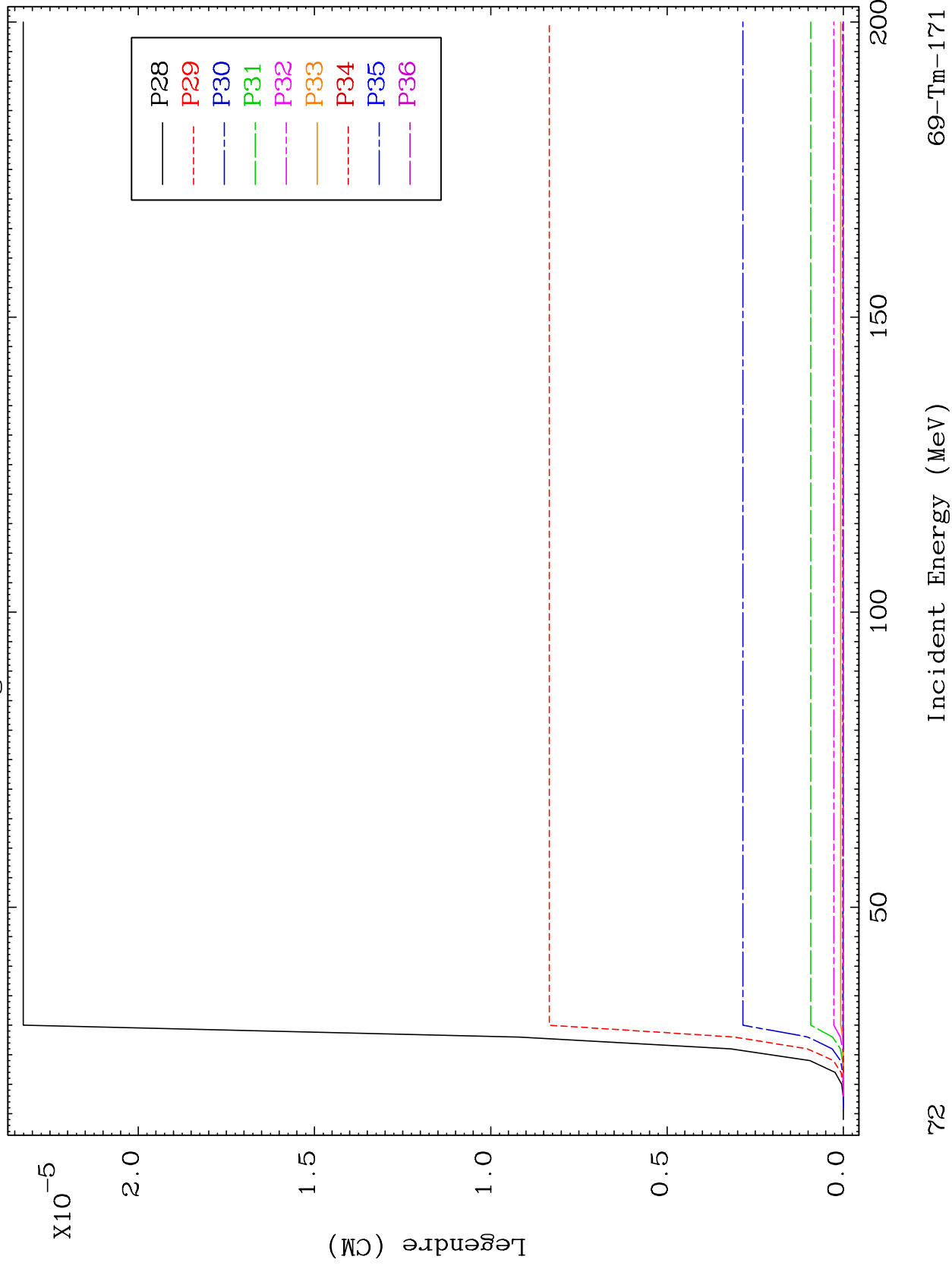
70



MAT 6931

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

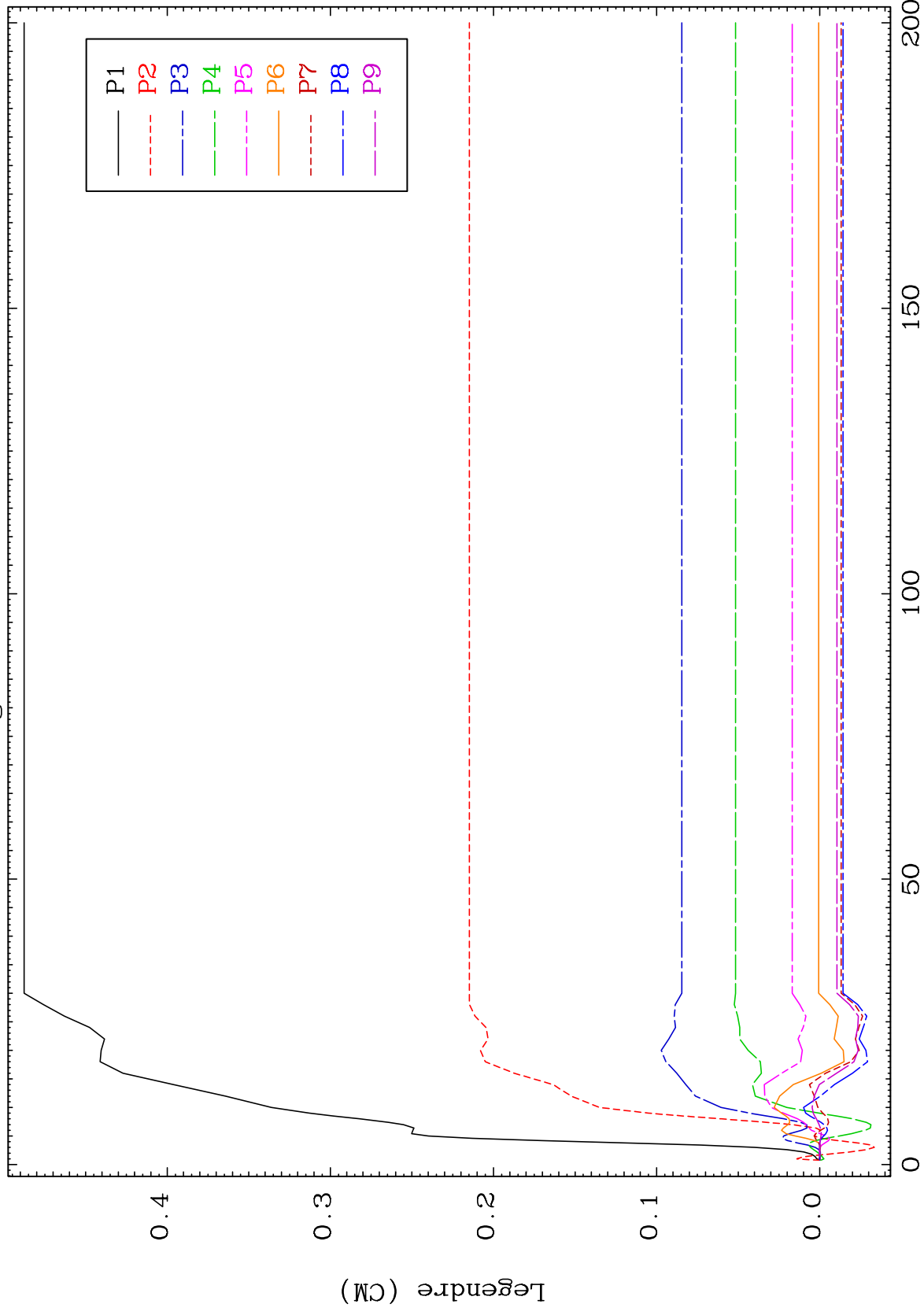
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

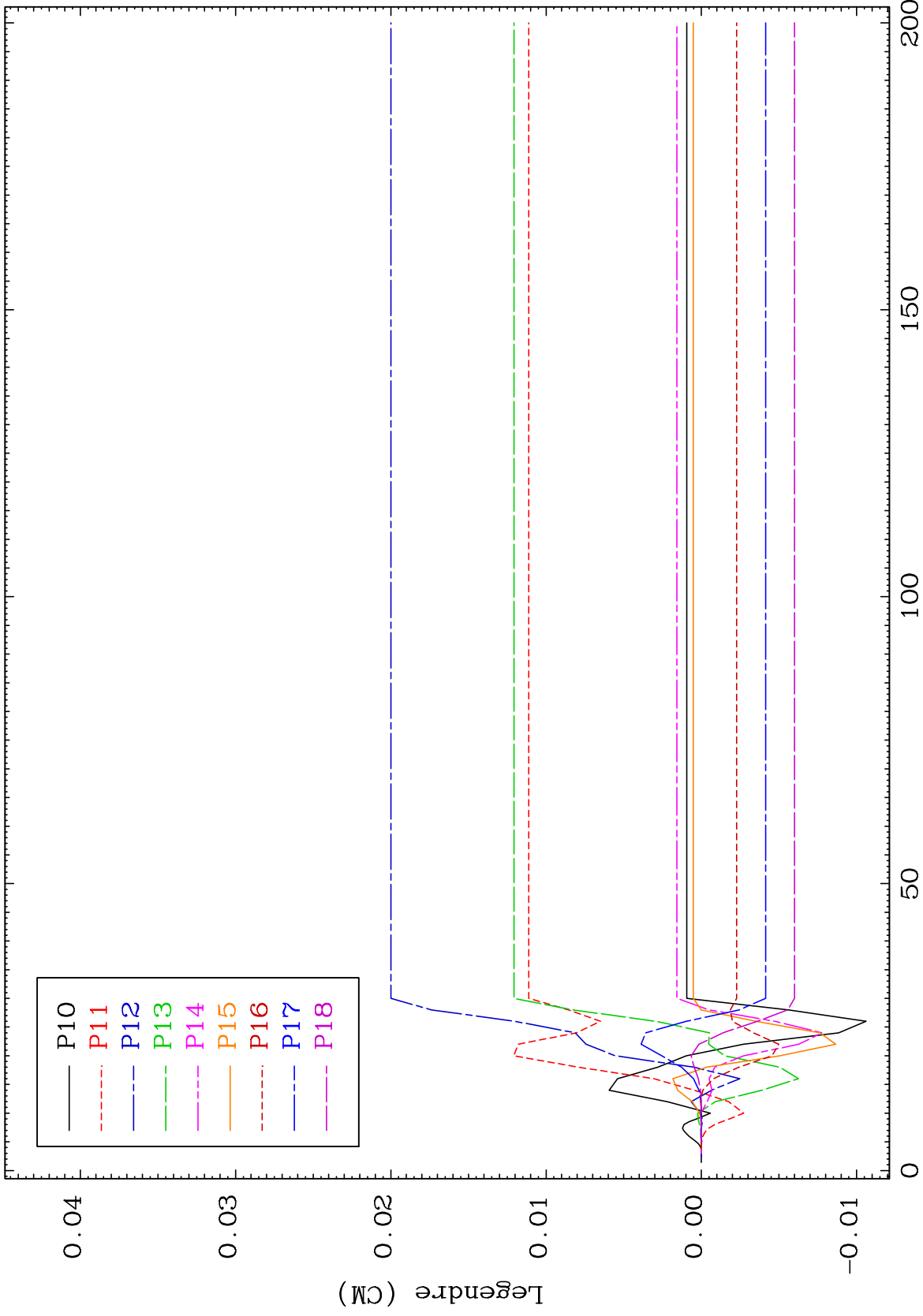
Incident Energy (MeV)

73

MAT 6931

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

69-Tm-171



74

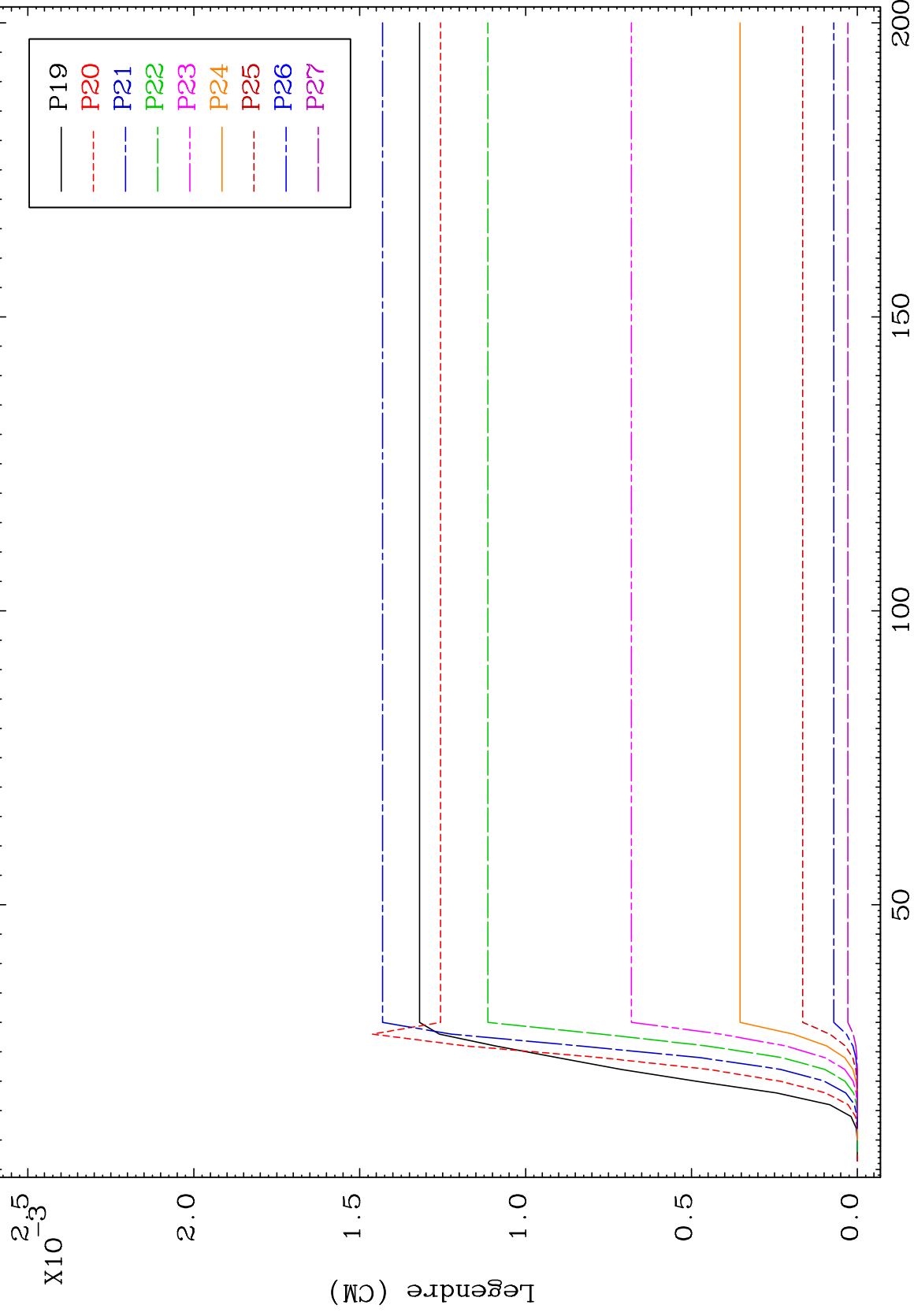
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



75

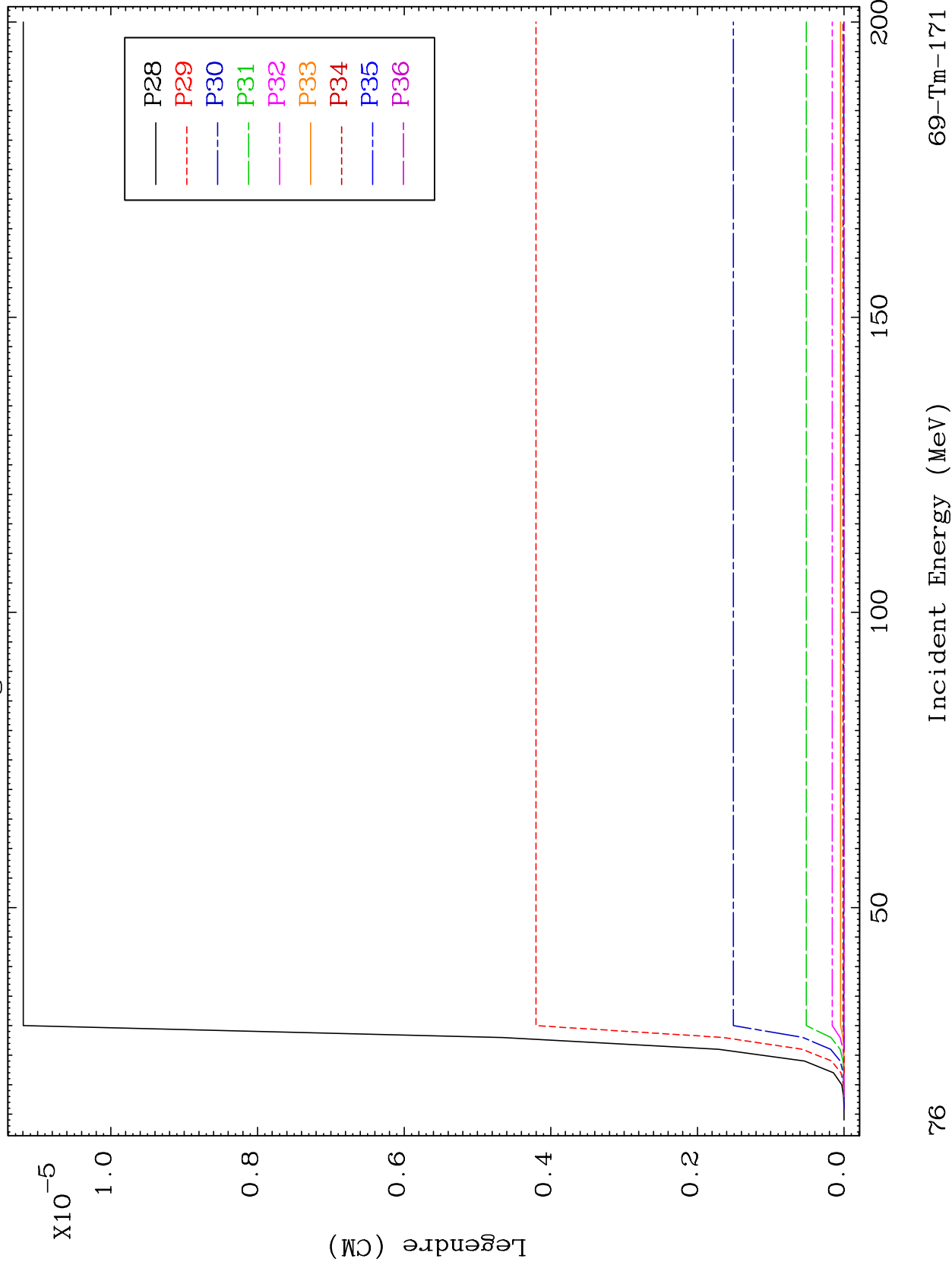
Incident Energy (MeV)

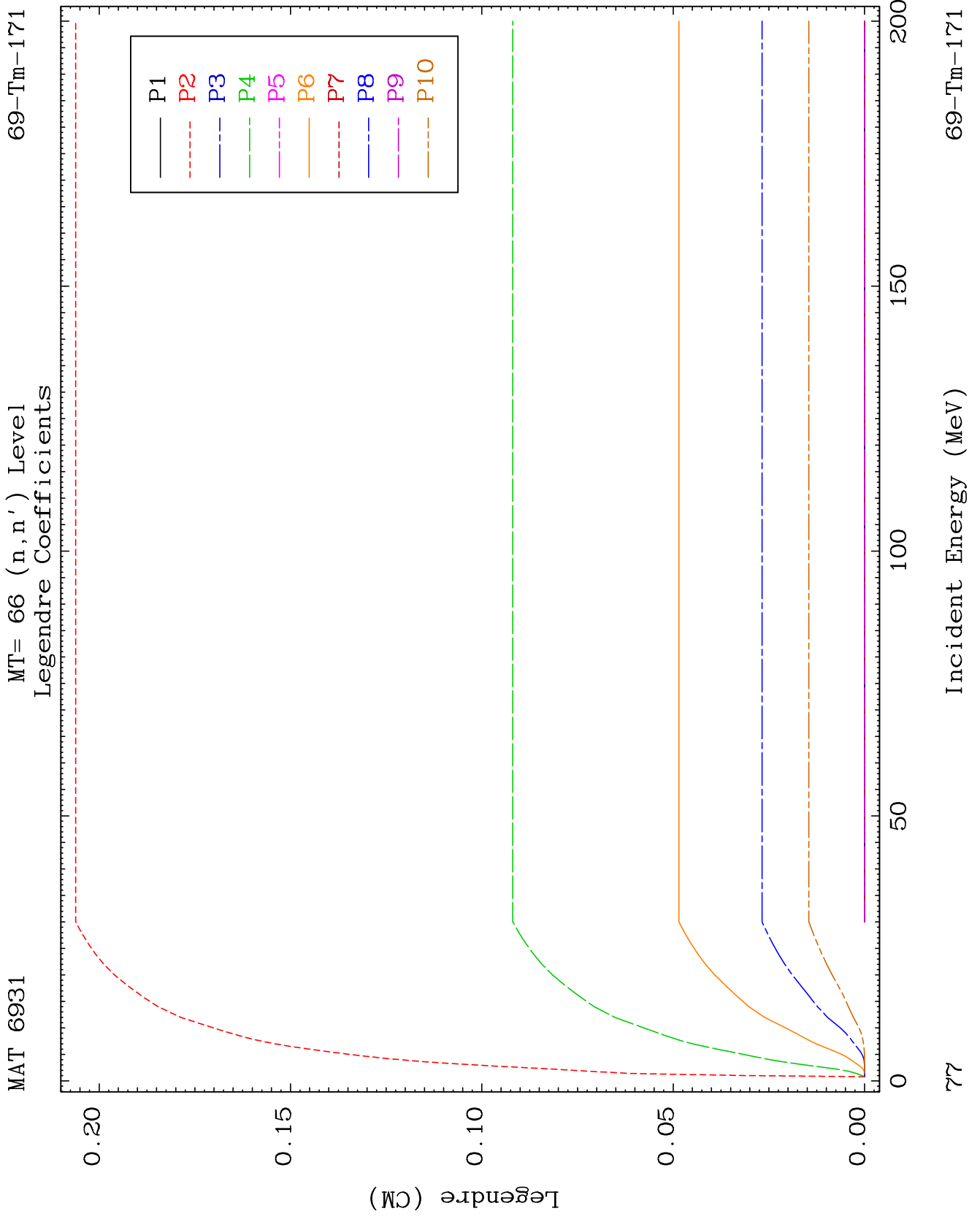
69-Tm-171

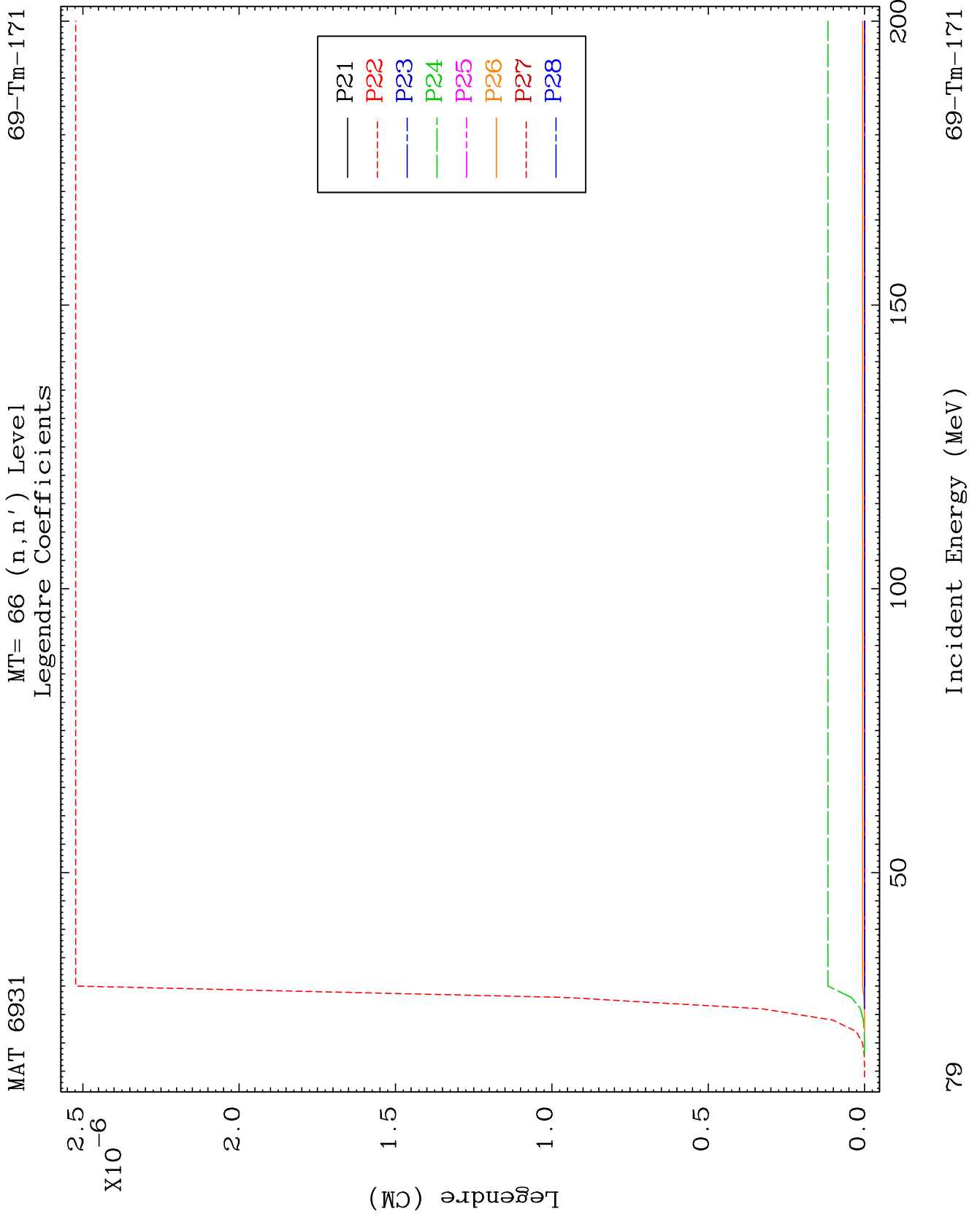
MAT 6931

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

69-Tm-171



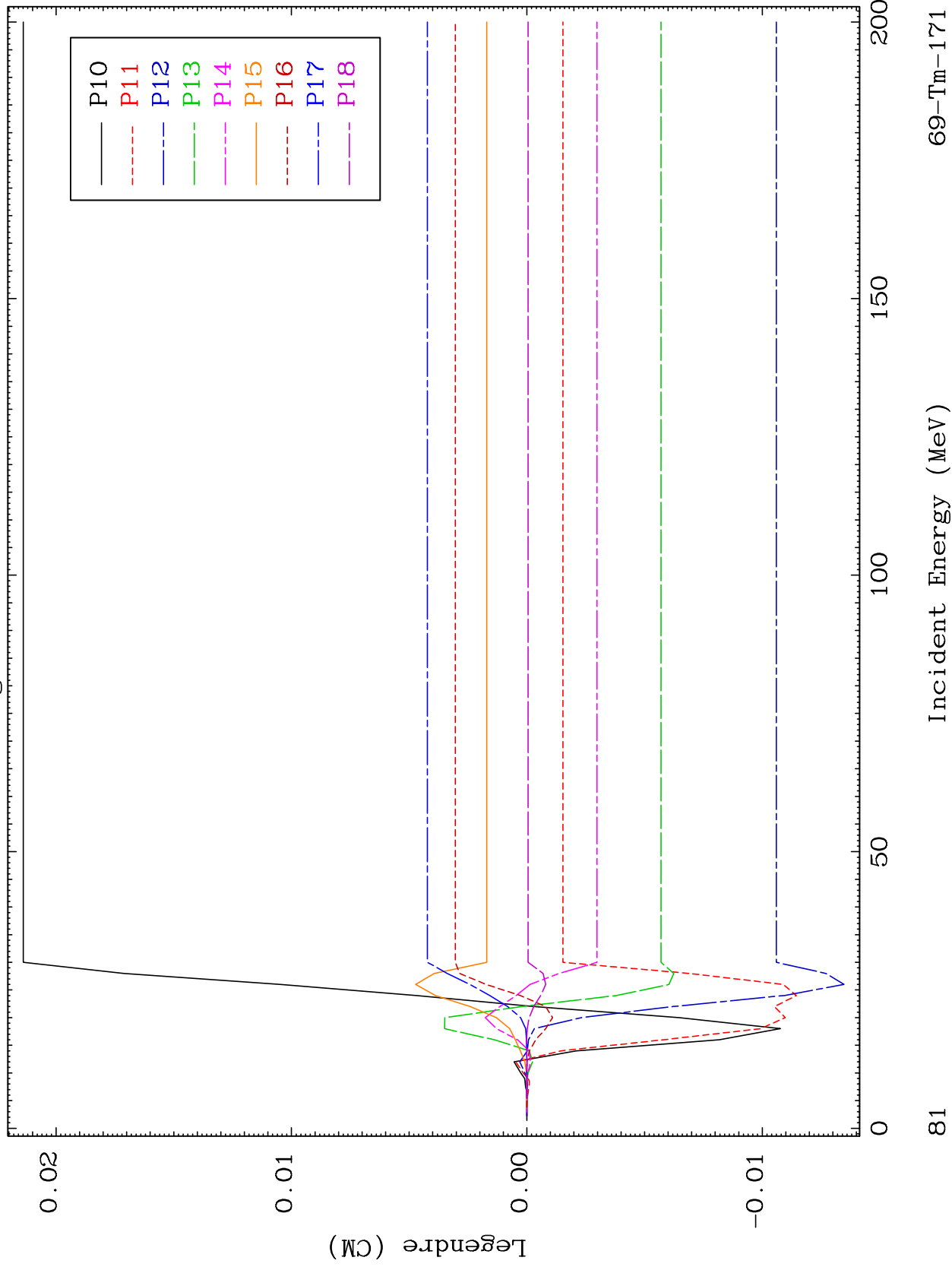




MAT 6931

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

69-Tm-171



69-Tm-171

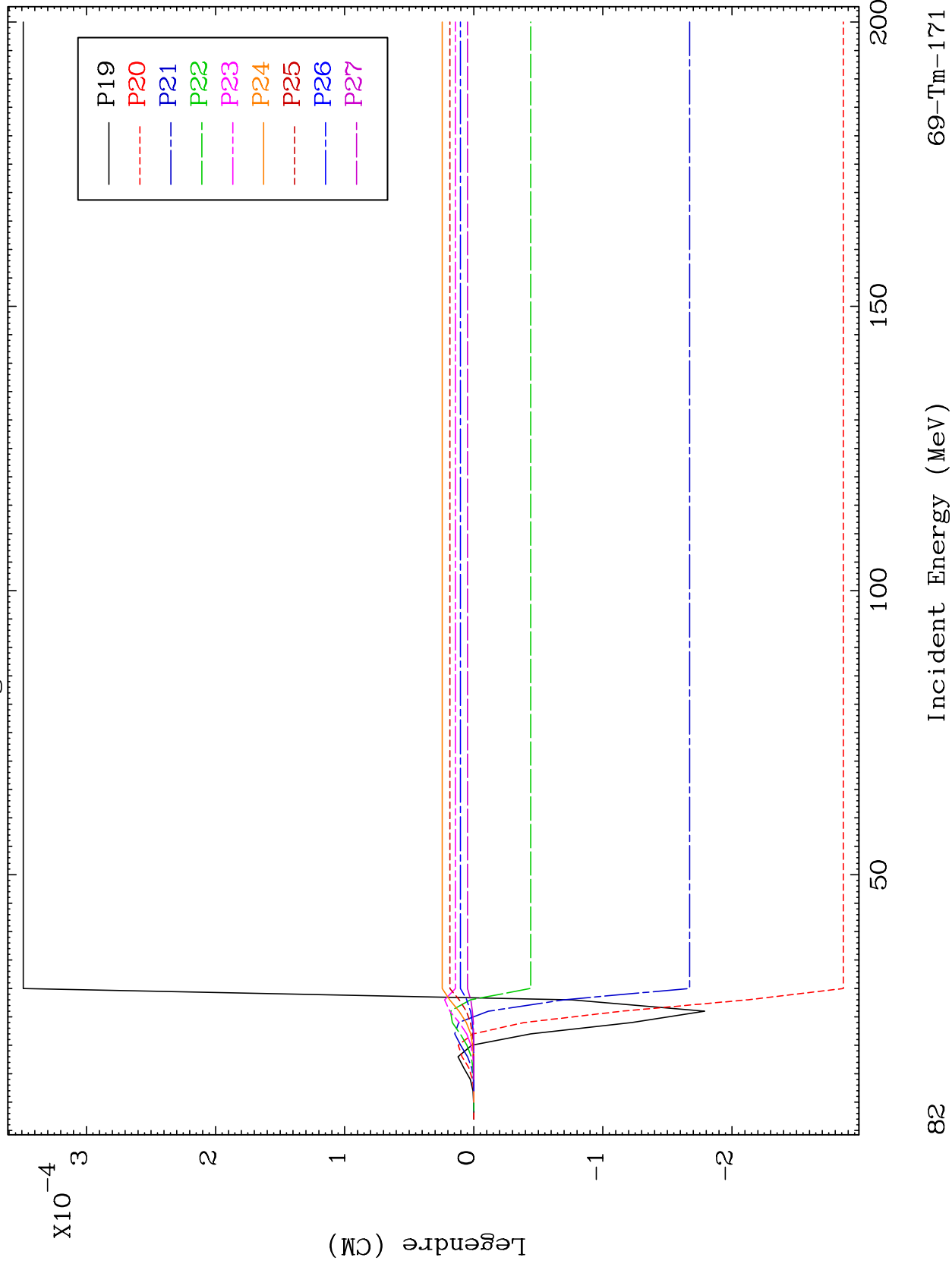
Incident Energy (MeV)

81

MAT 6931

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

69-Tm-171



82

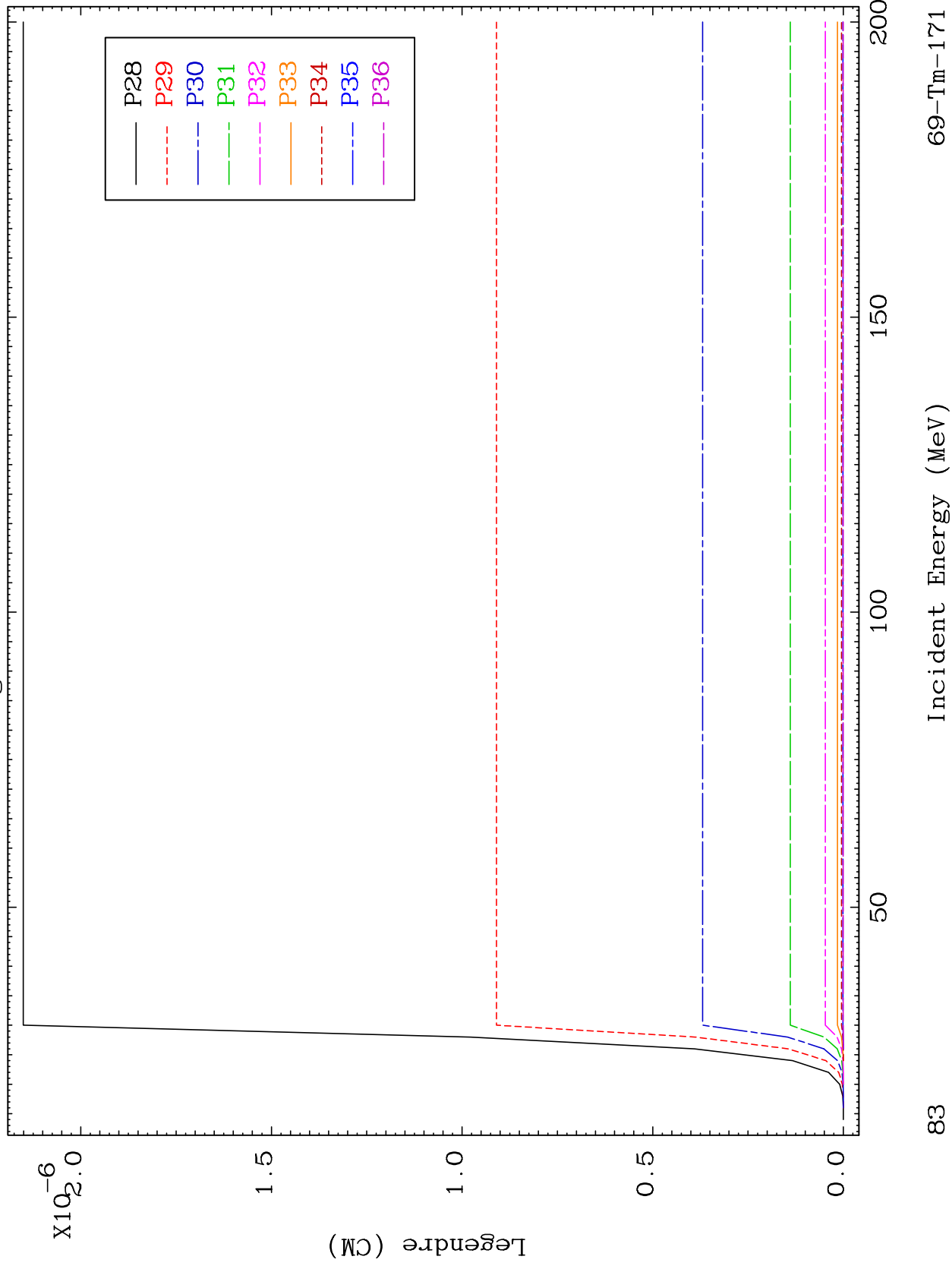
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

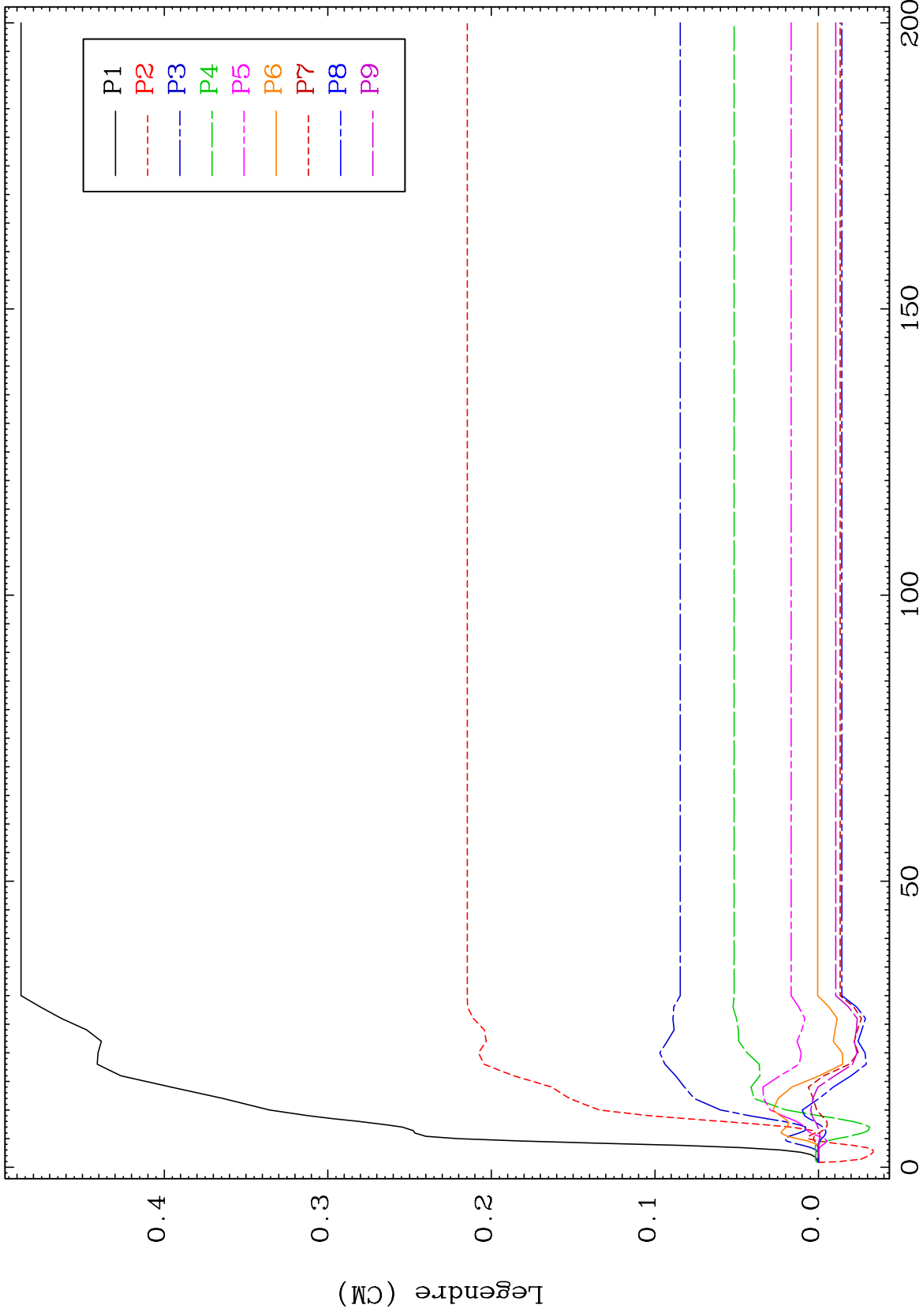
69-Tm-171



MAT 6931

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

69-Tm-171



84

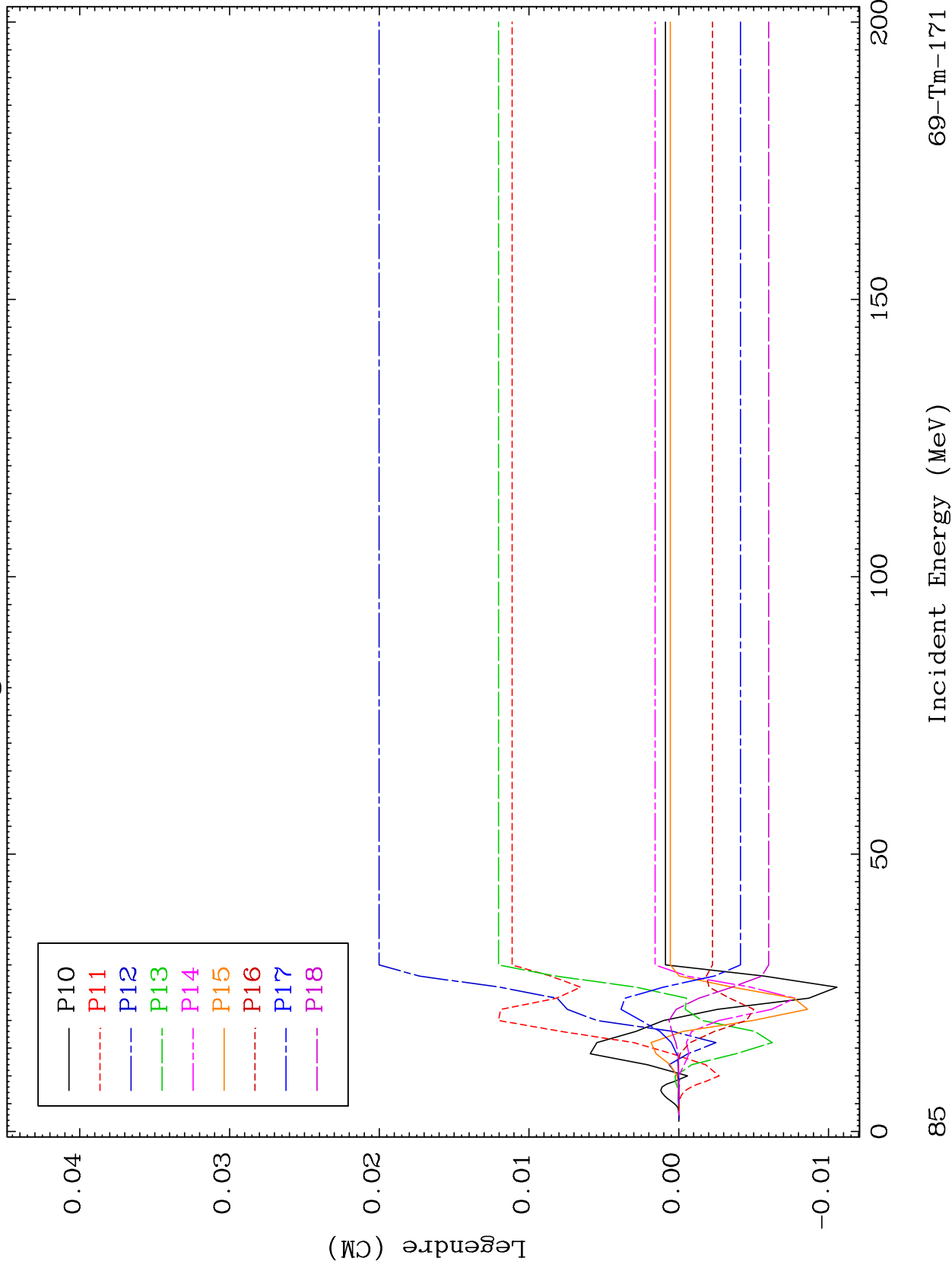
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



85

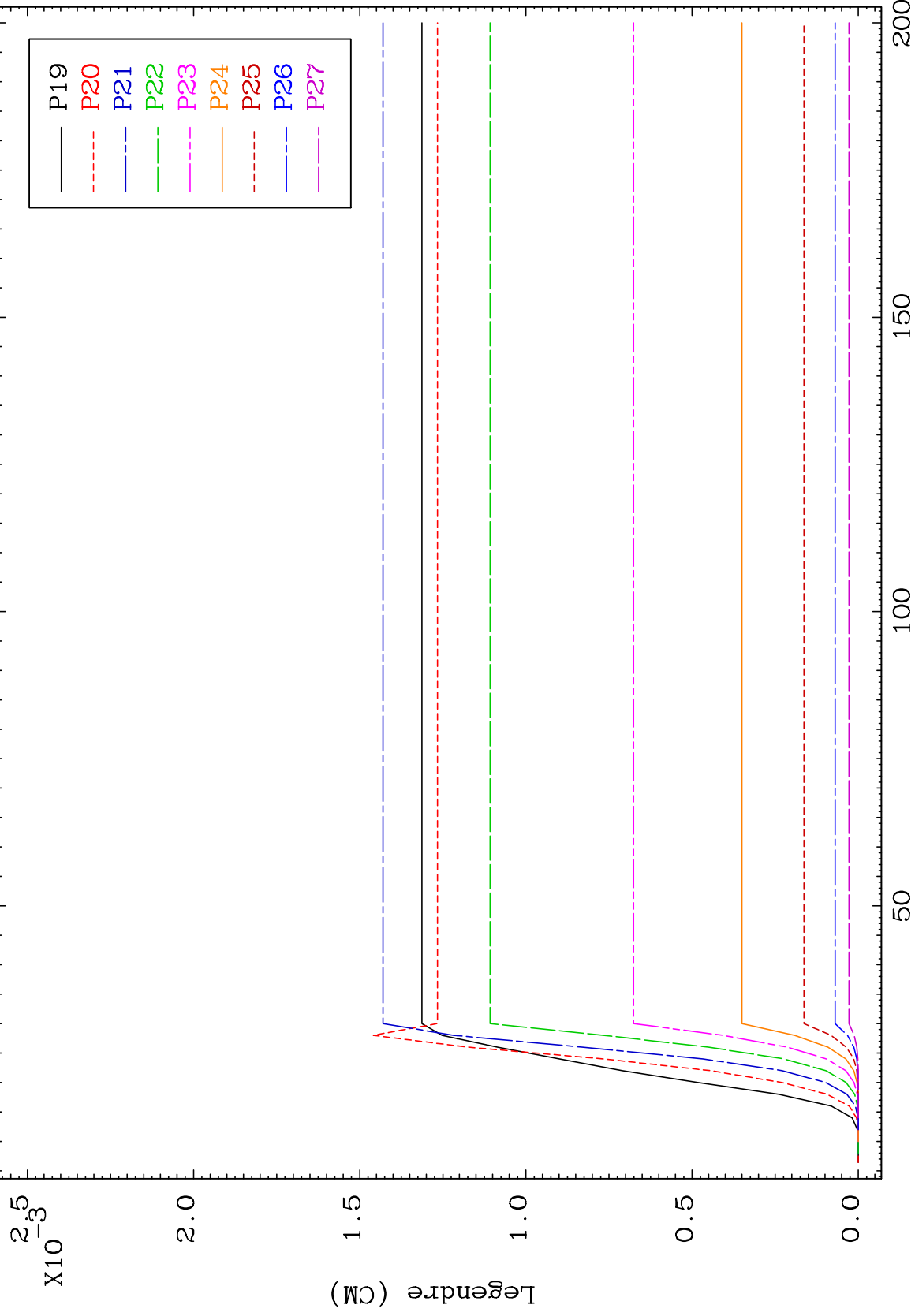
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



86

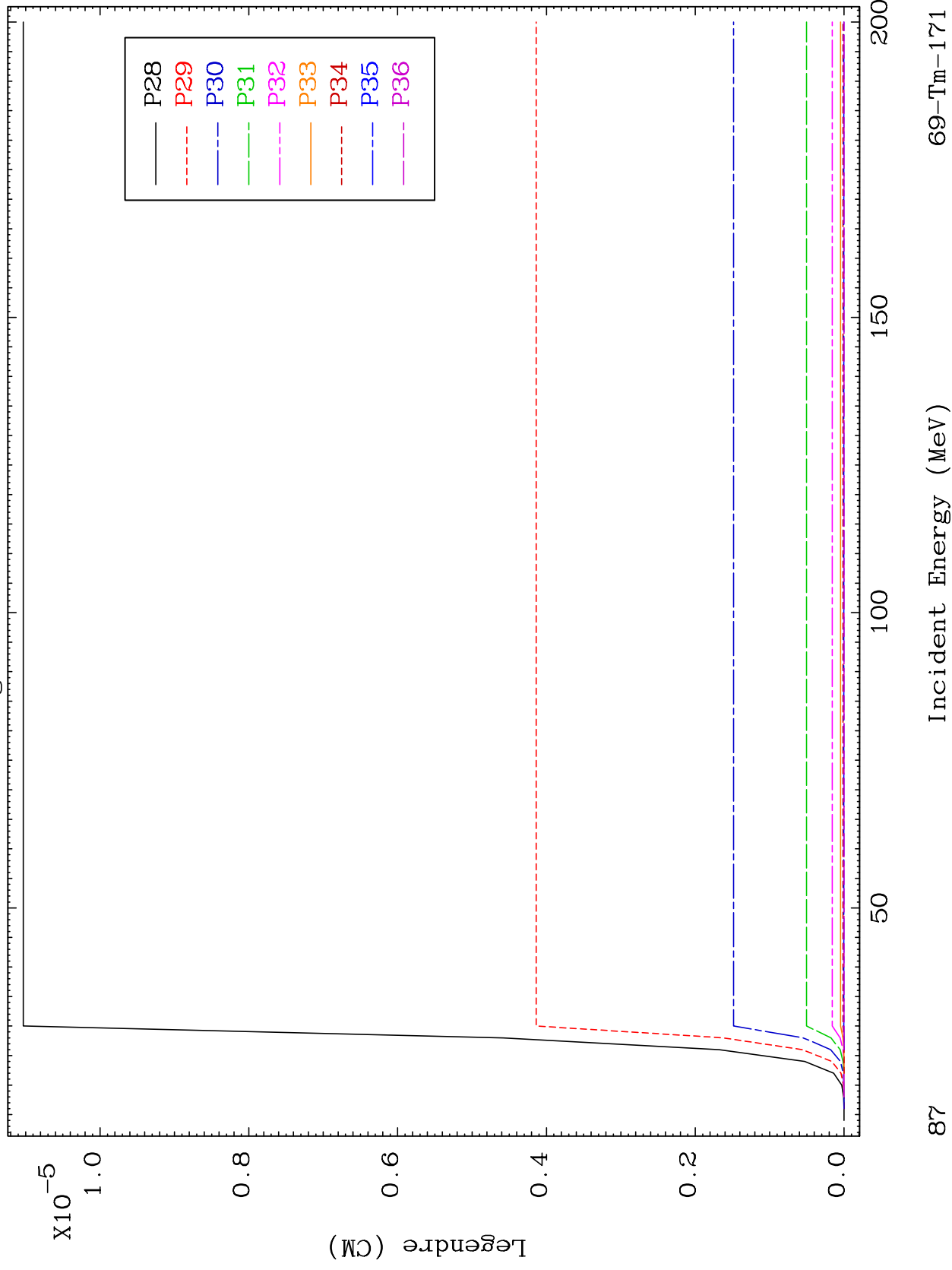
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



87

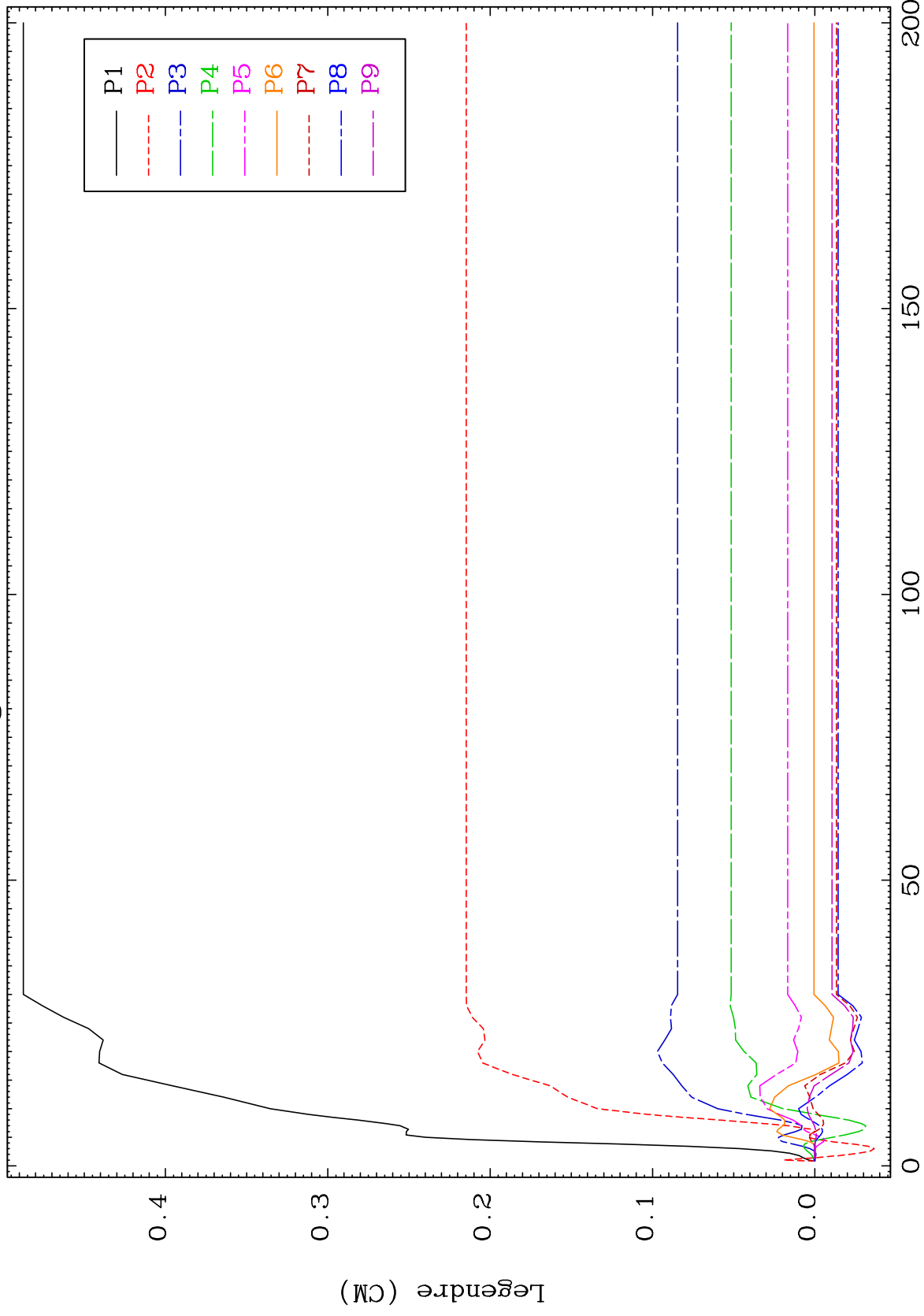
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



88

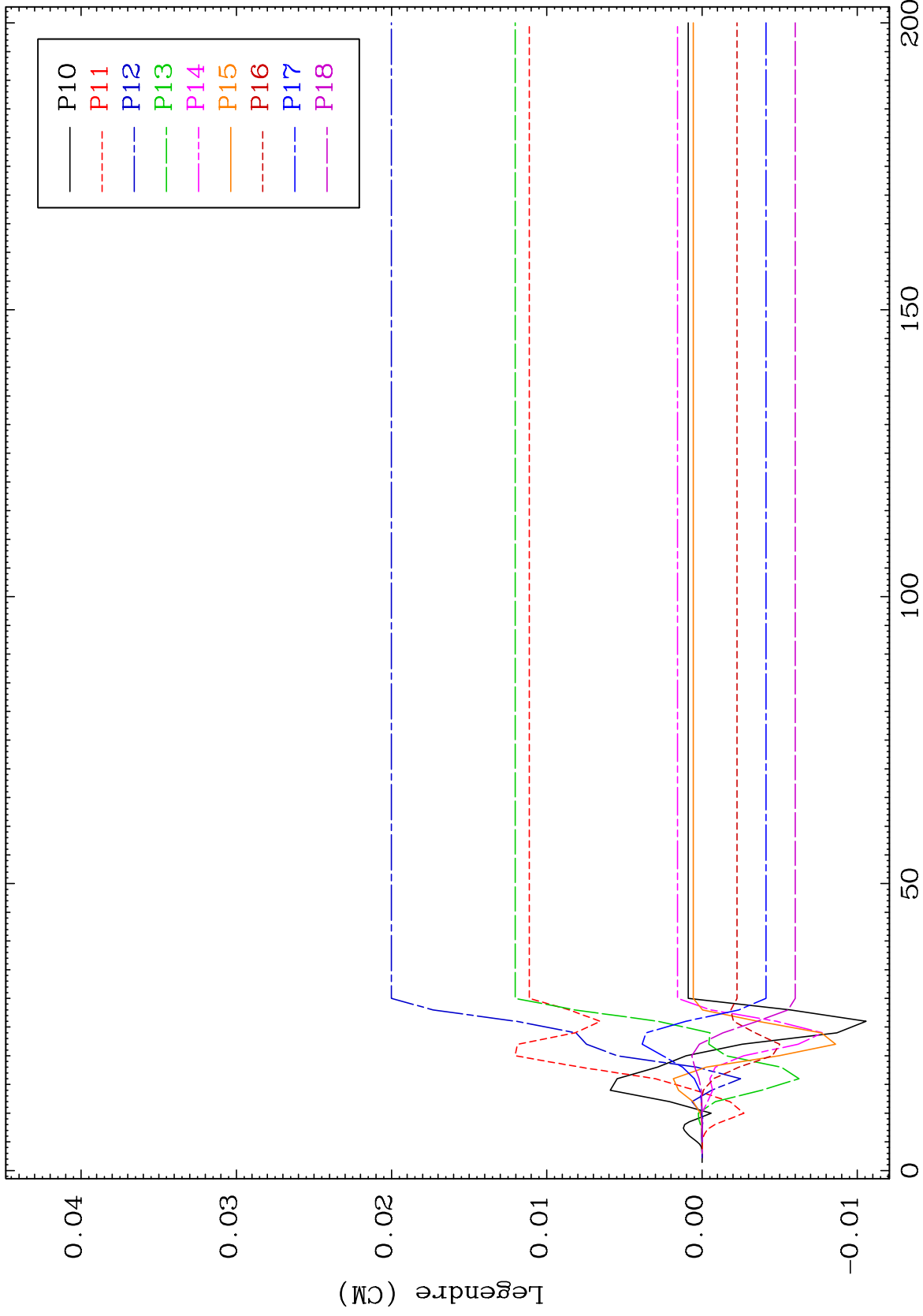
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



89

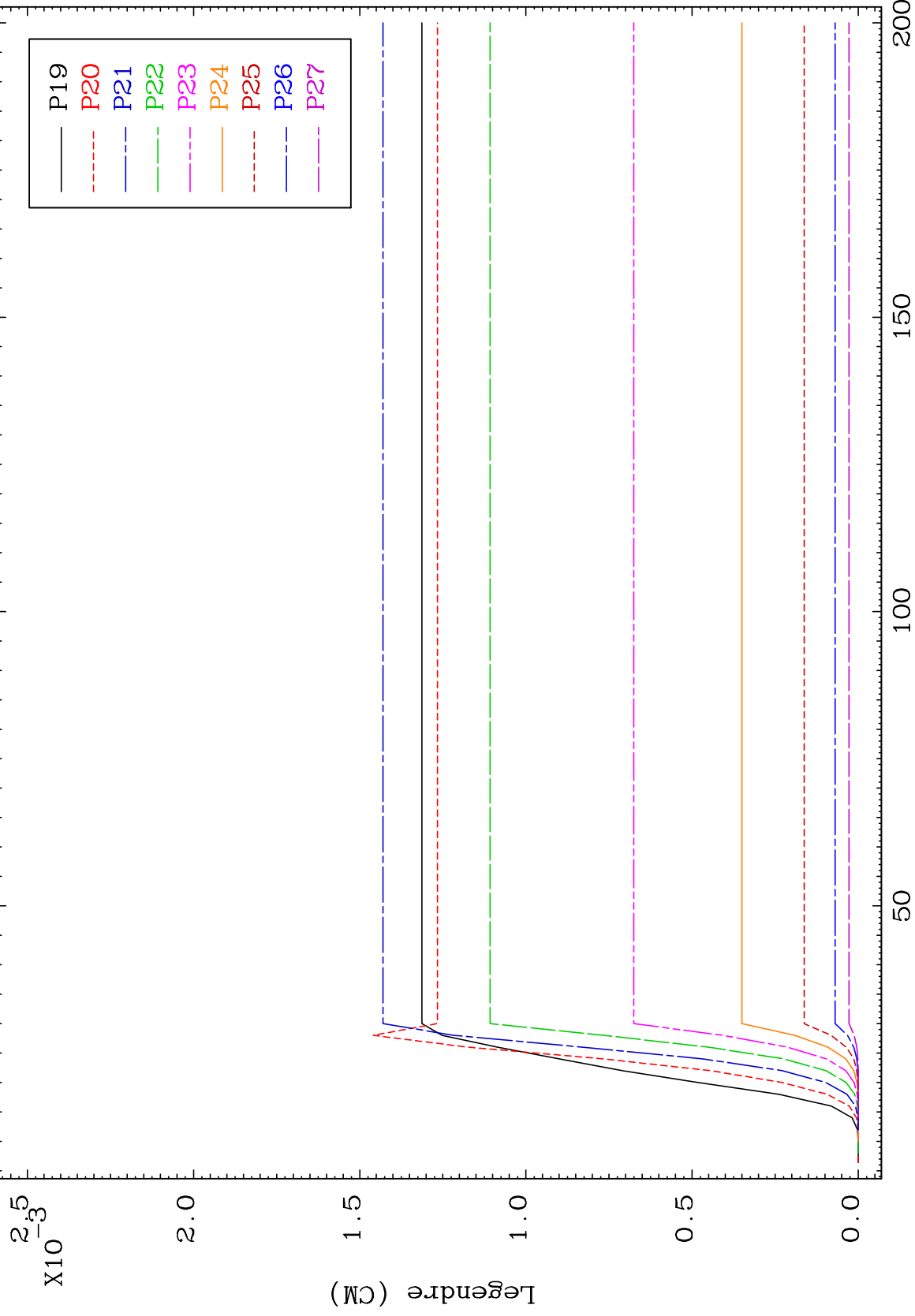
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



90

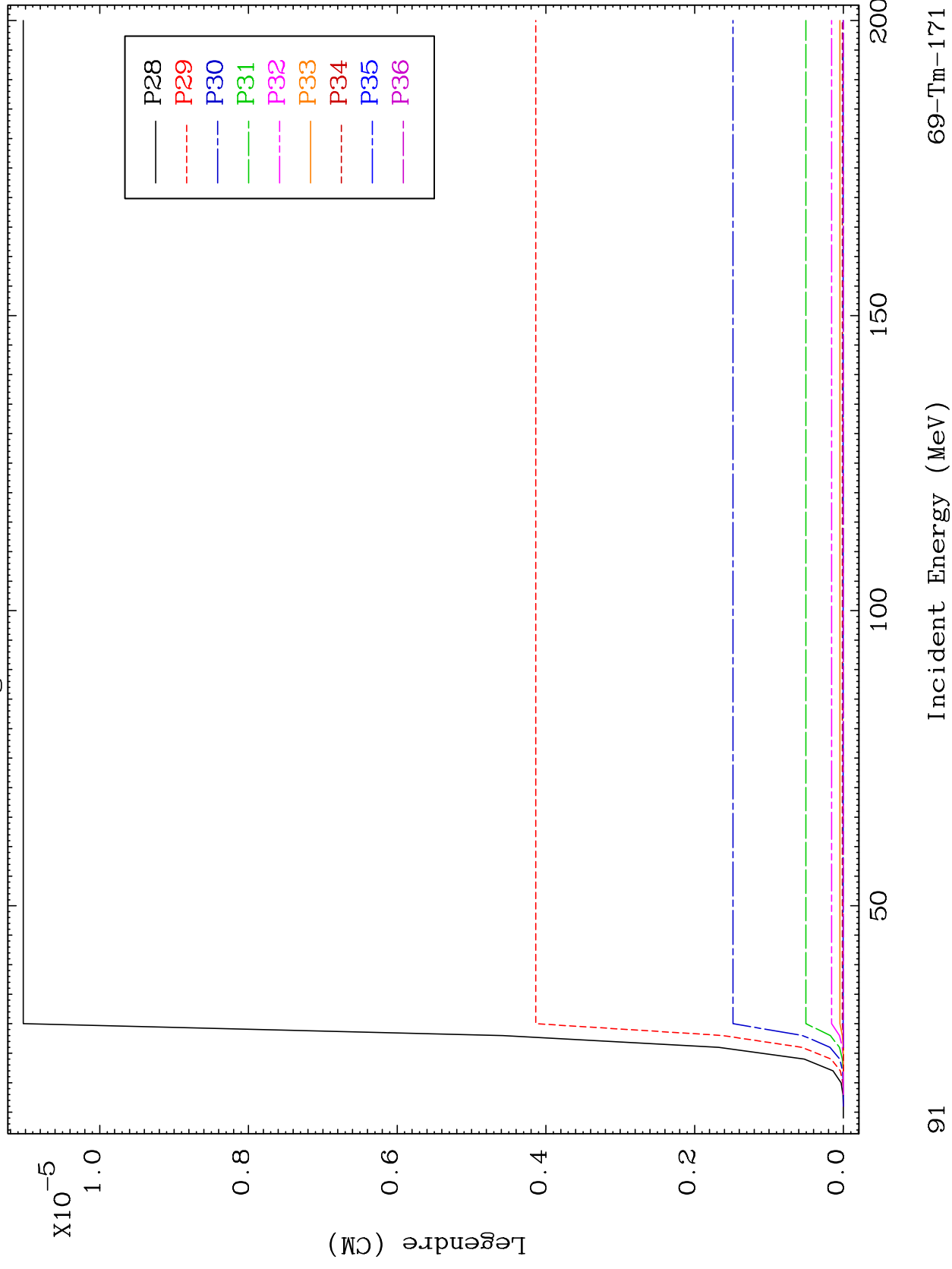
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



91

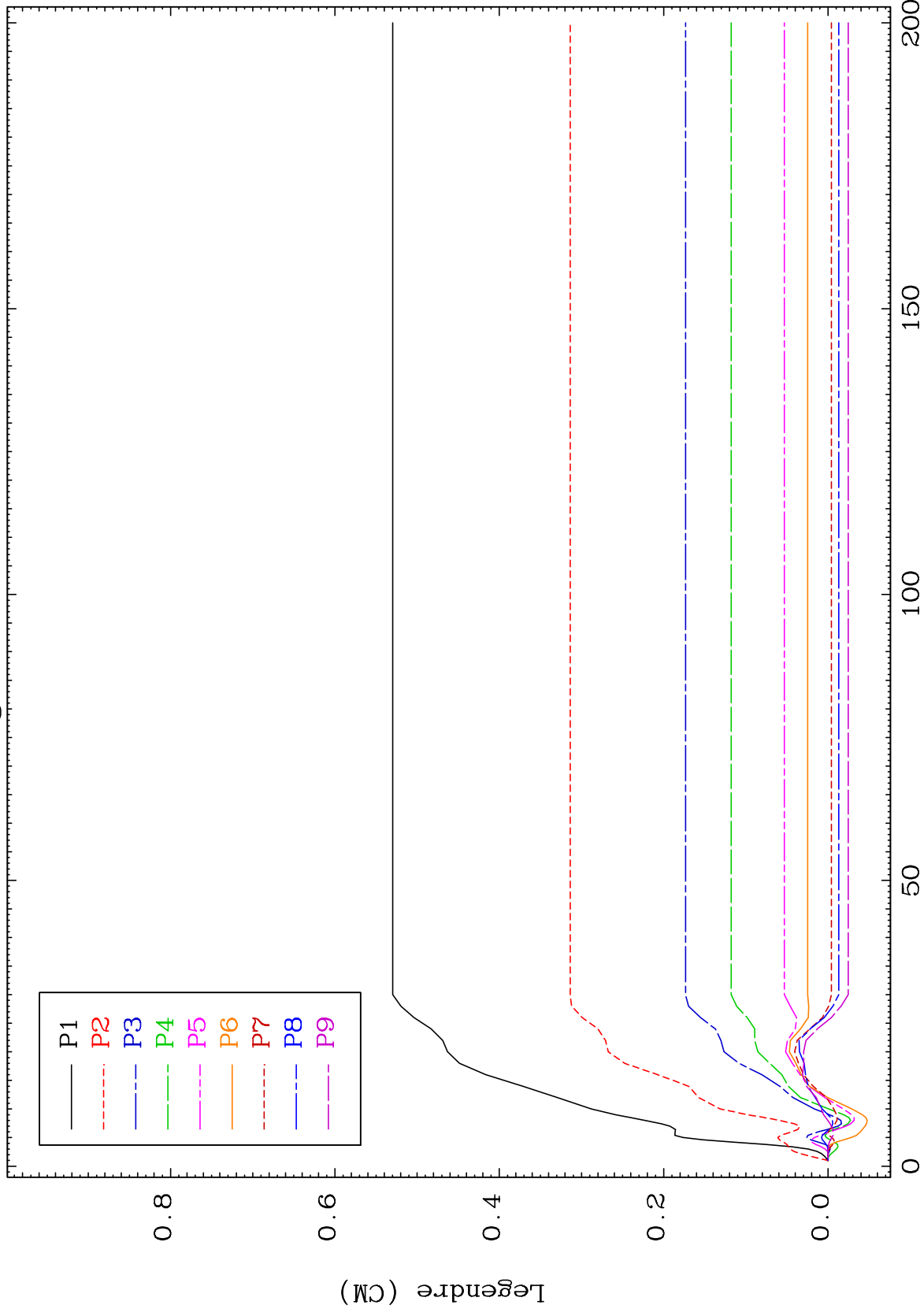
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



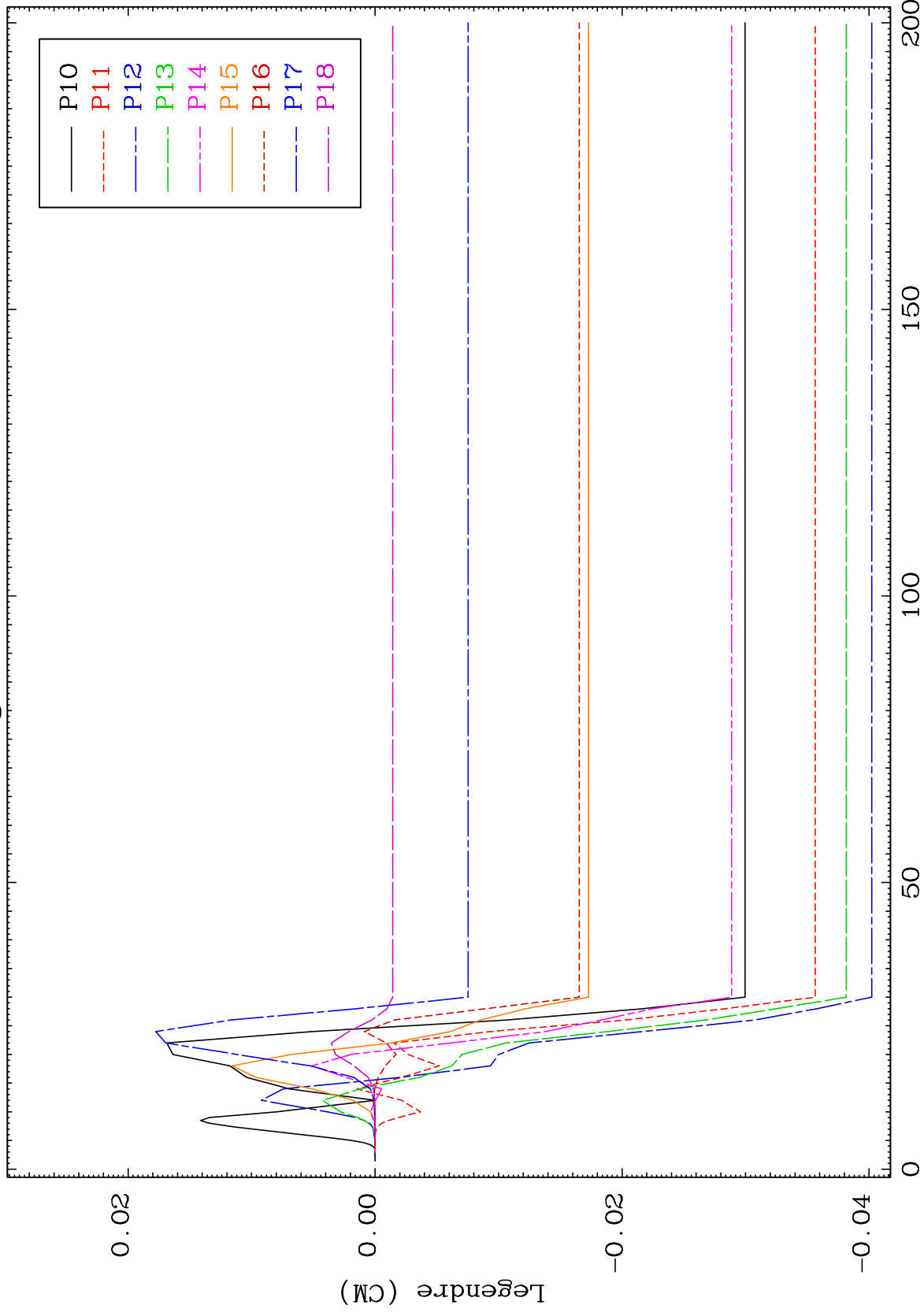
92

69-Tm-171

MAT 6931

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

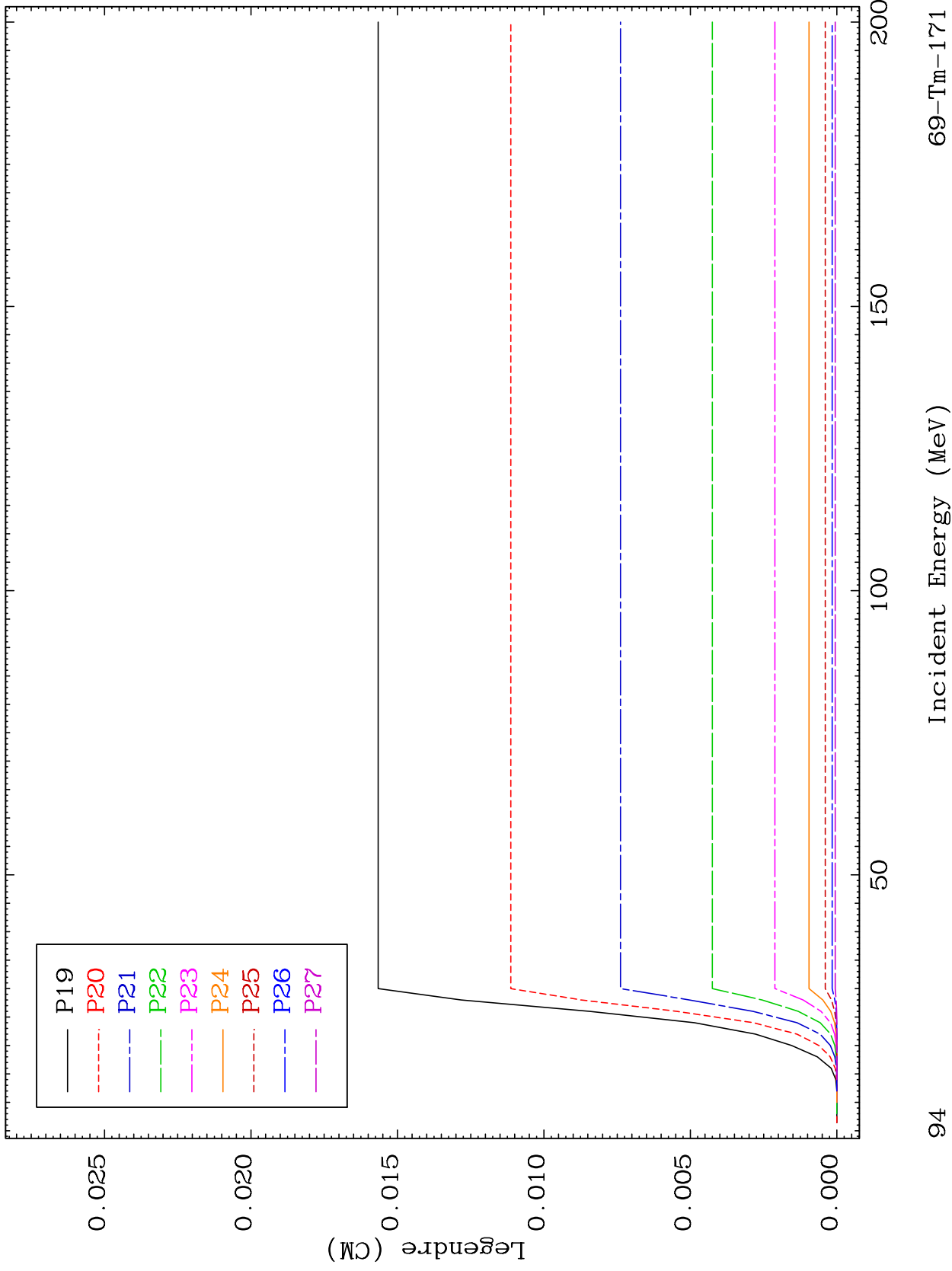
69-Tm-171



93

Incident Energy (MeV)

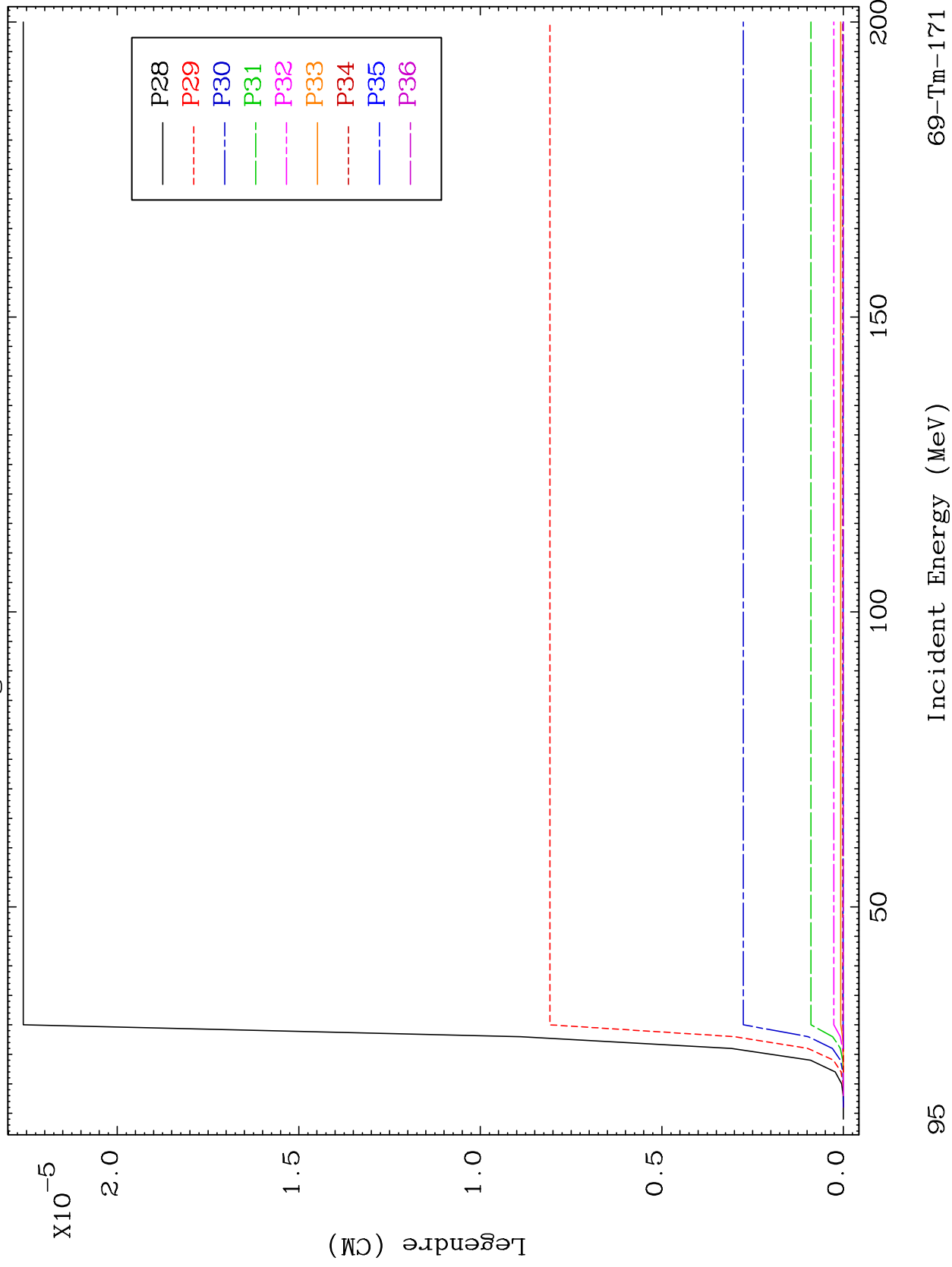
69-Tm-171



MAT 6931

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

69-Tm-171



95

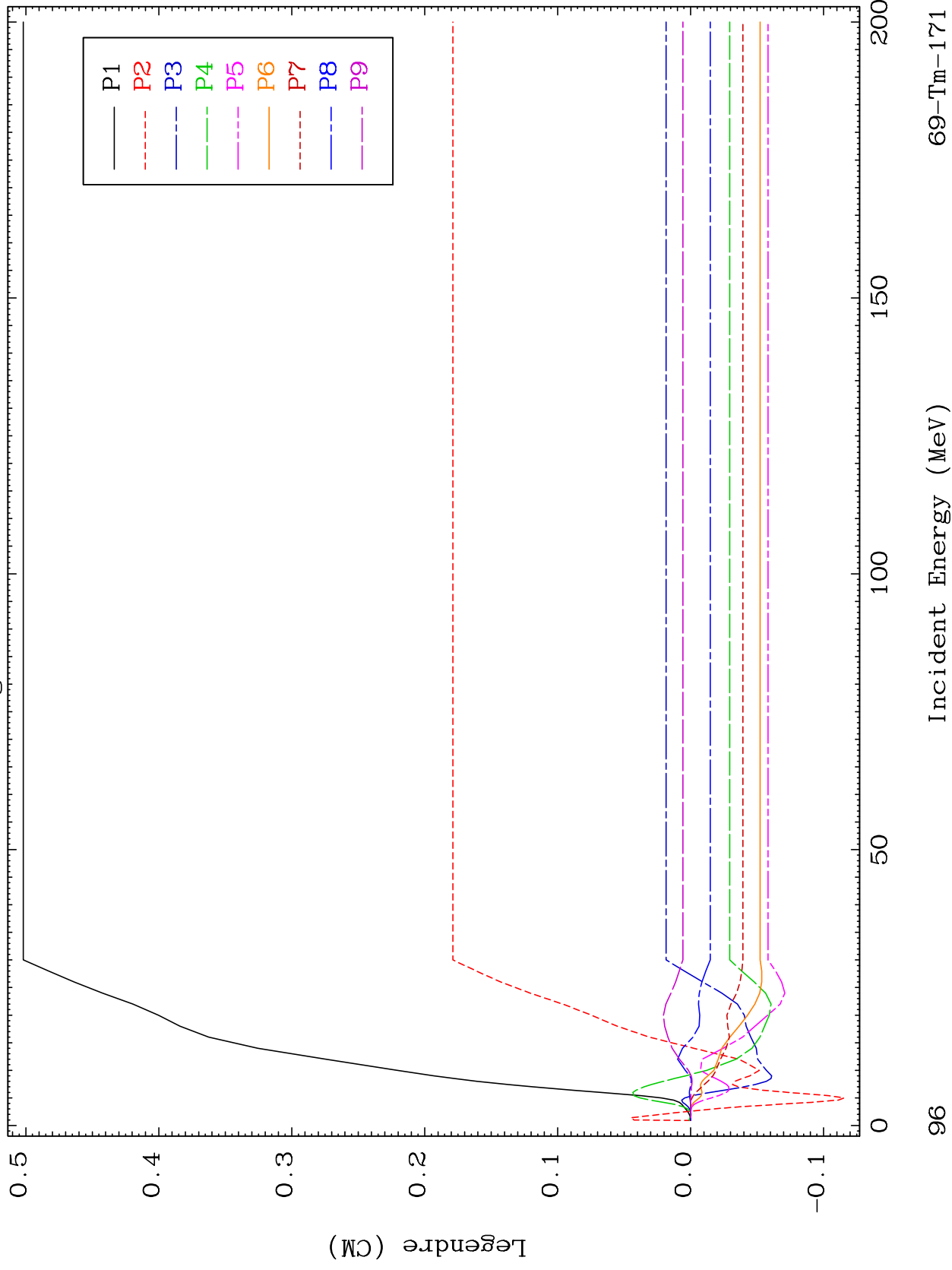
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

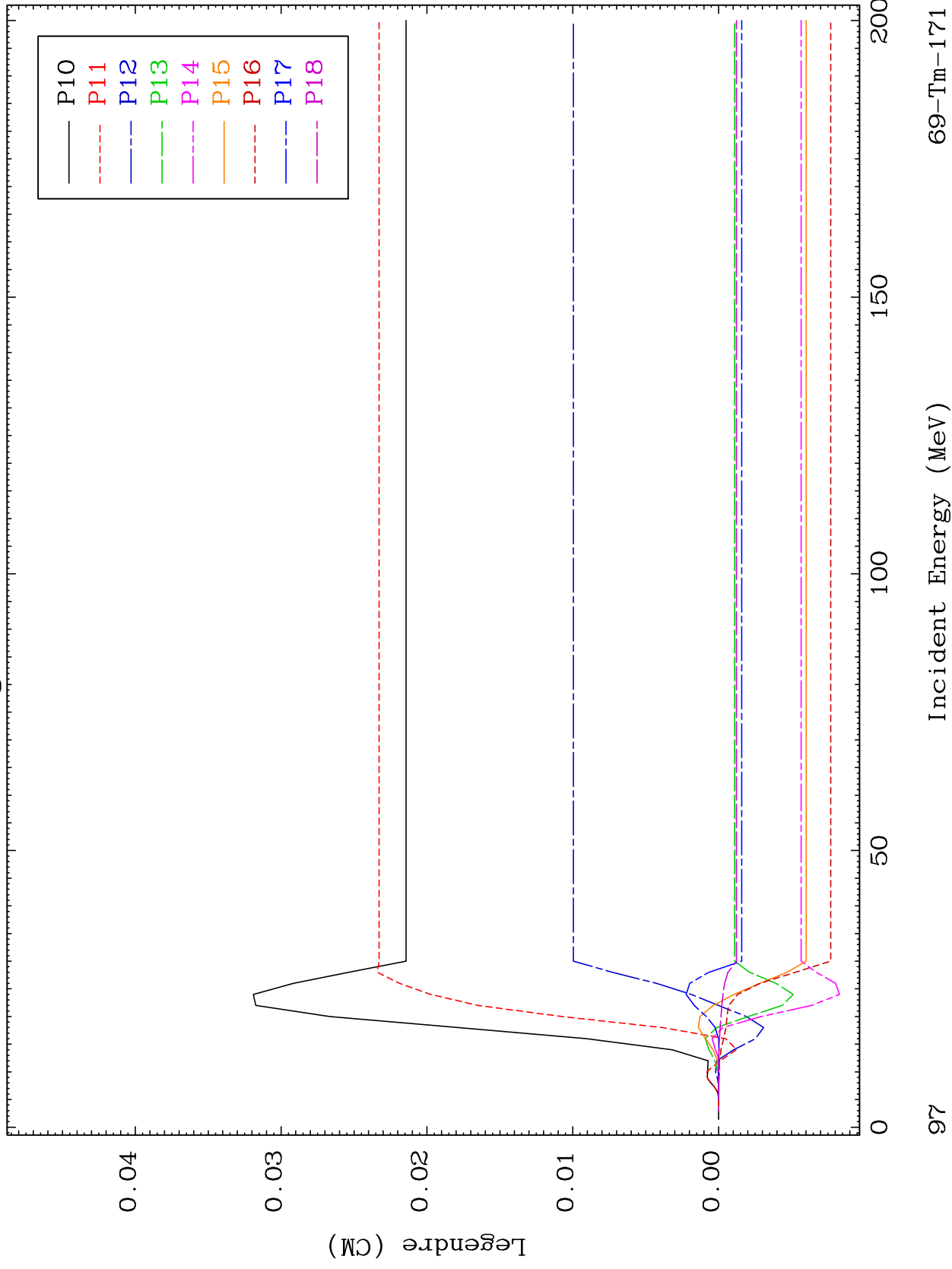
Incident Energy (MeV)

96

MAT 6931

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

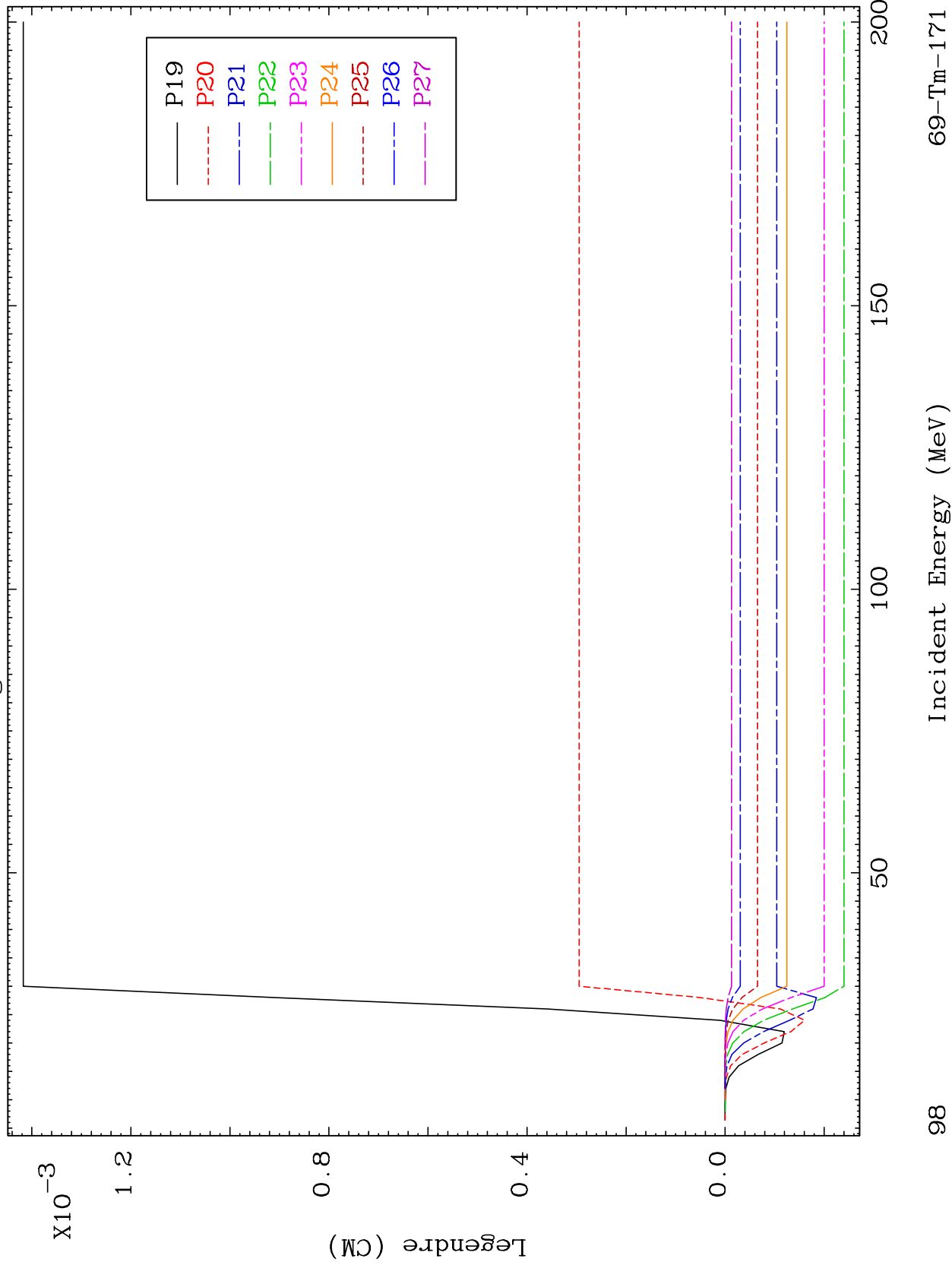
69-Tm-171

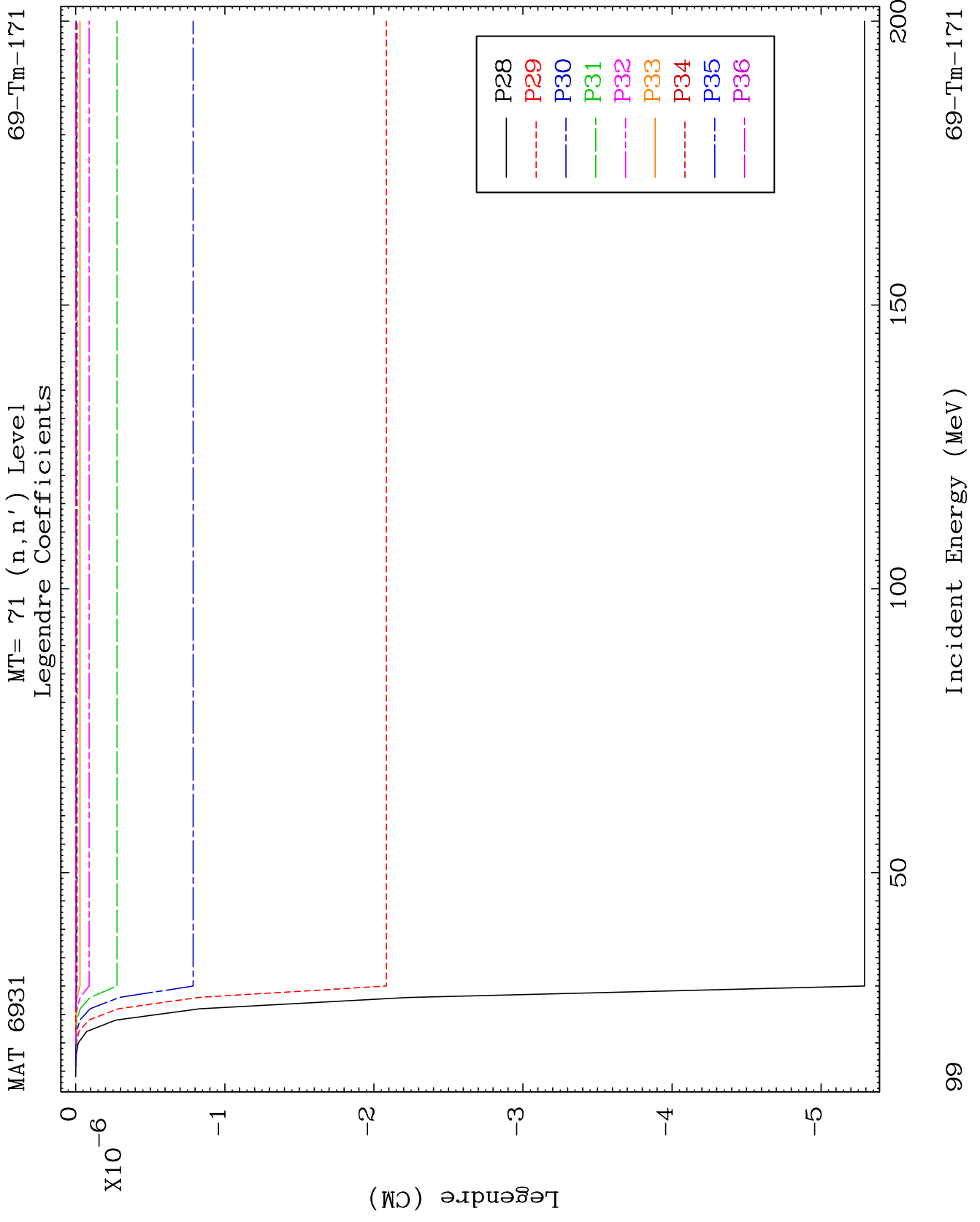


97

Incident Energy (MeV)

69-Tm-171

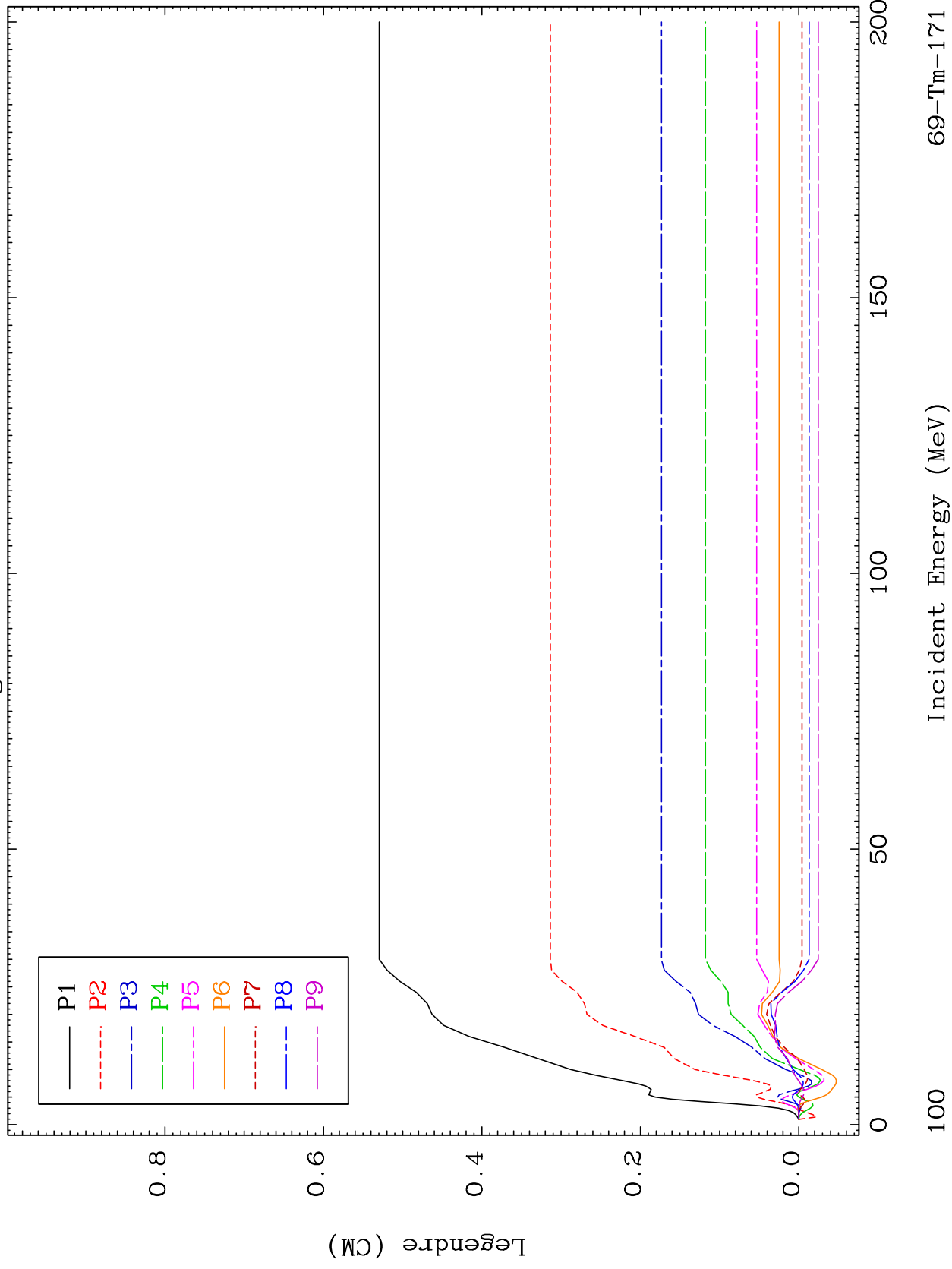




MAT 6931

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

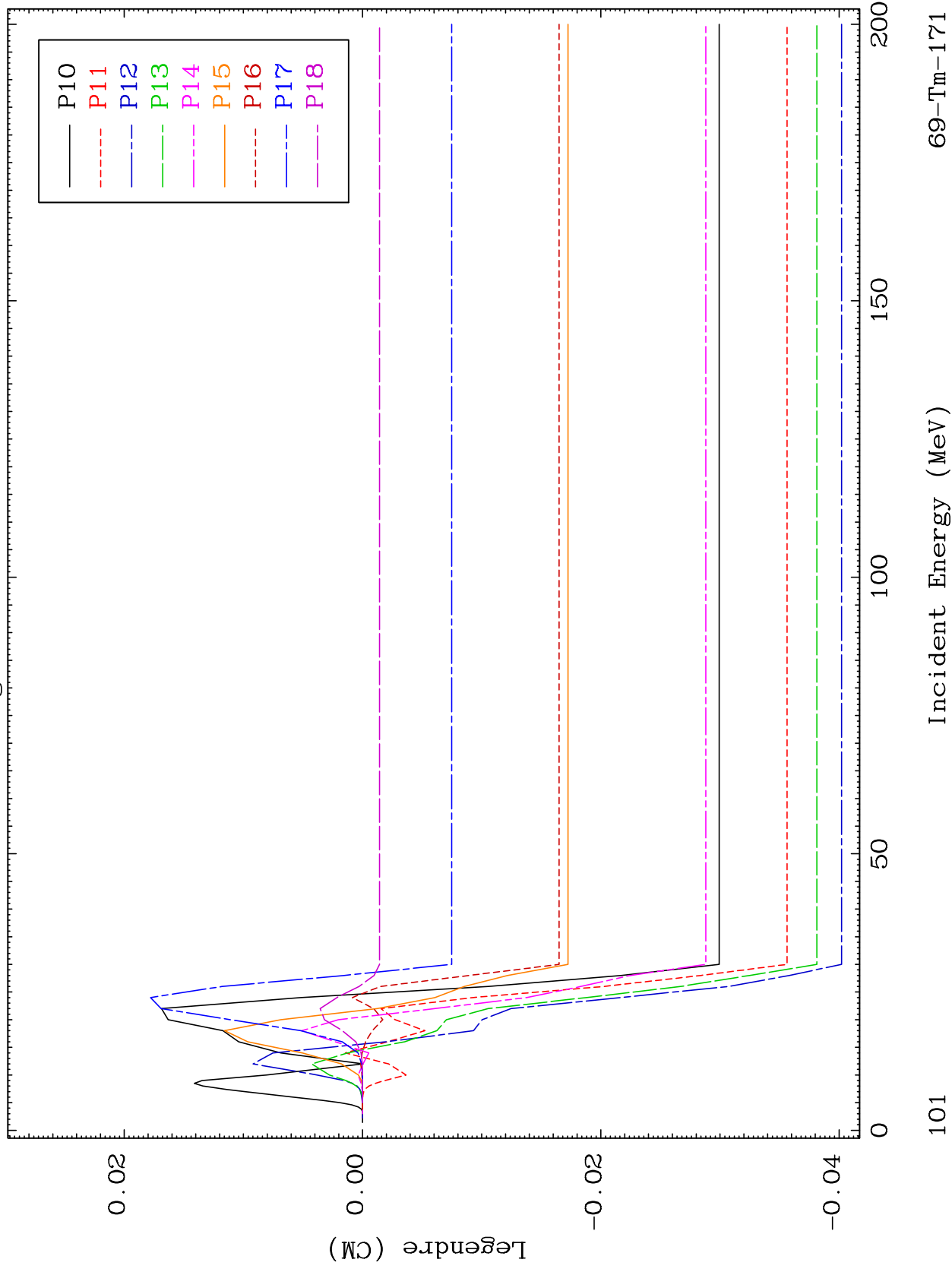
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

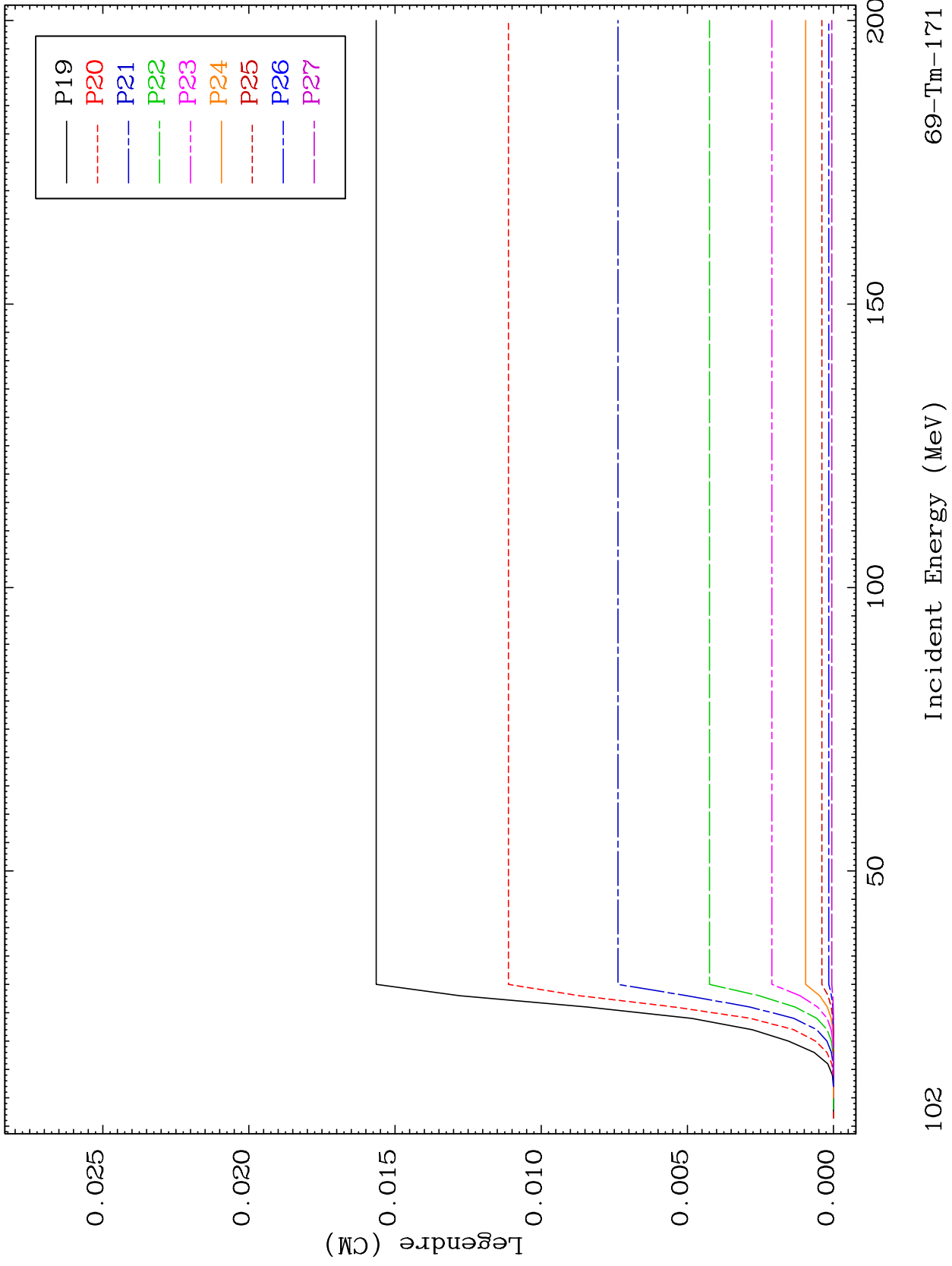
Incident Energy (MeV)

101

MAT 6931

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

69-Tm-171



102

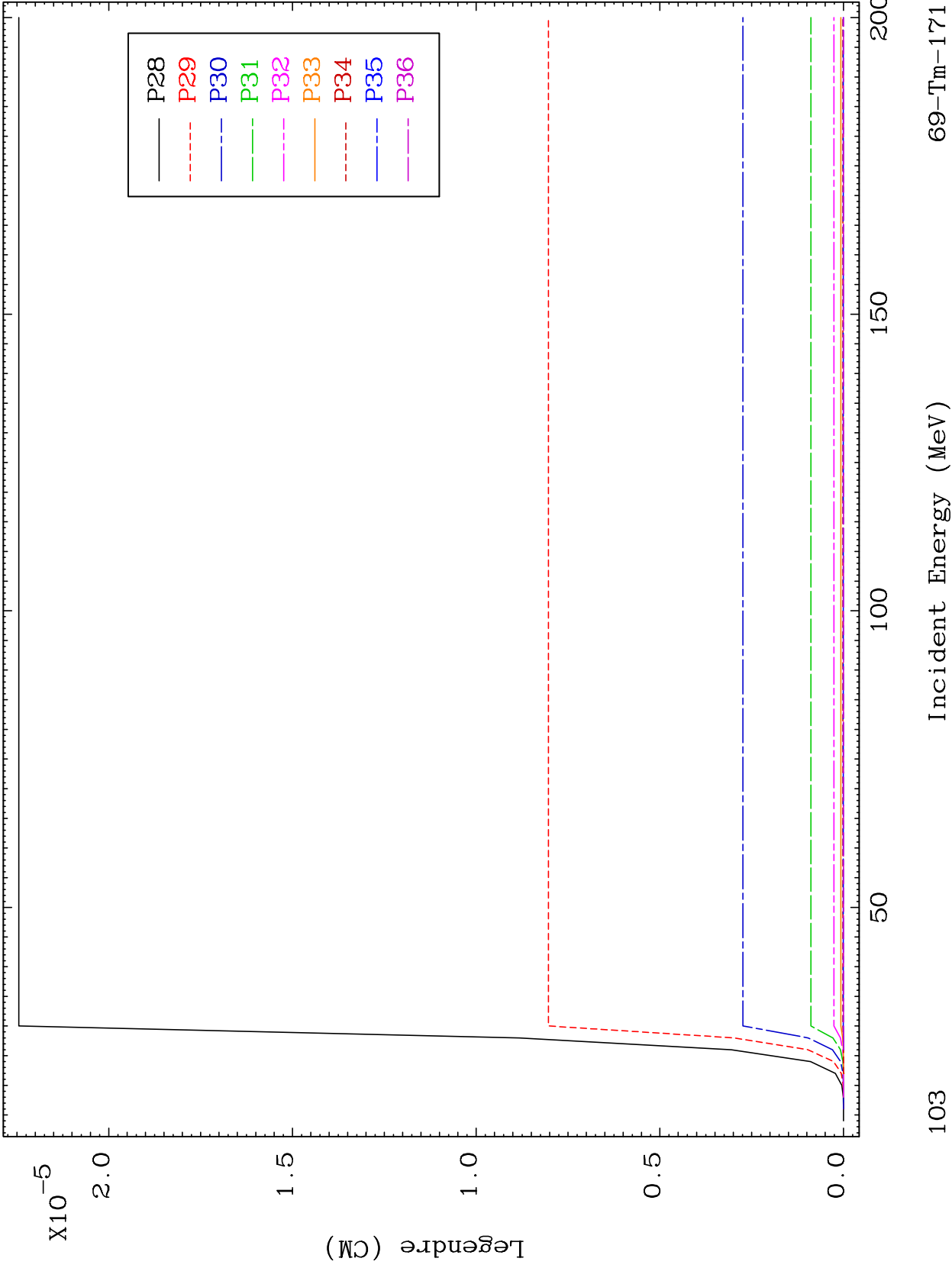
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



103

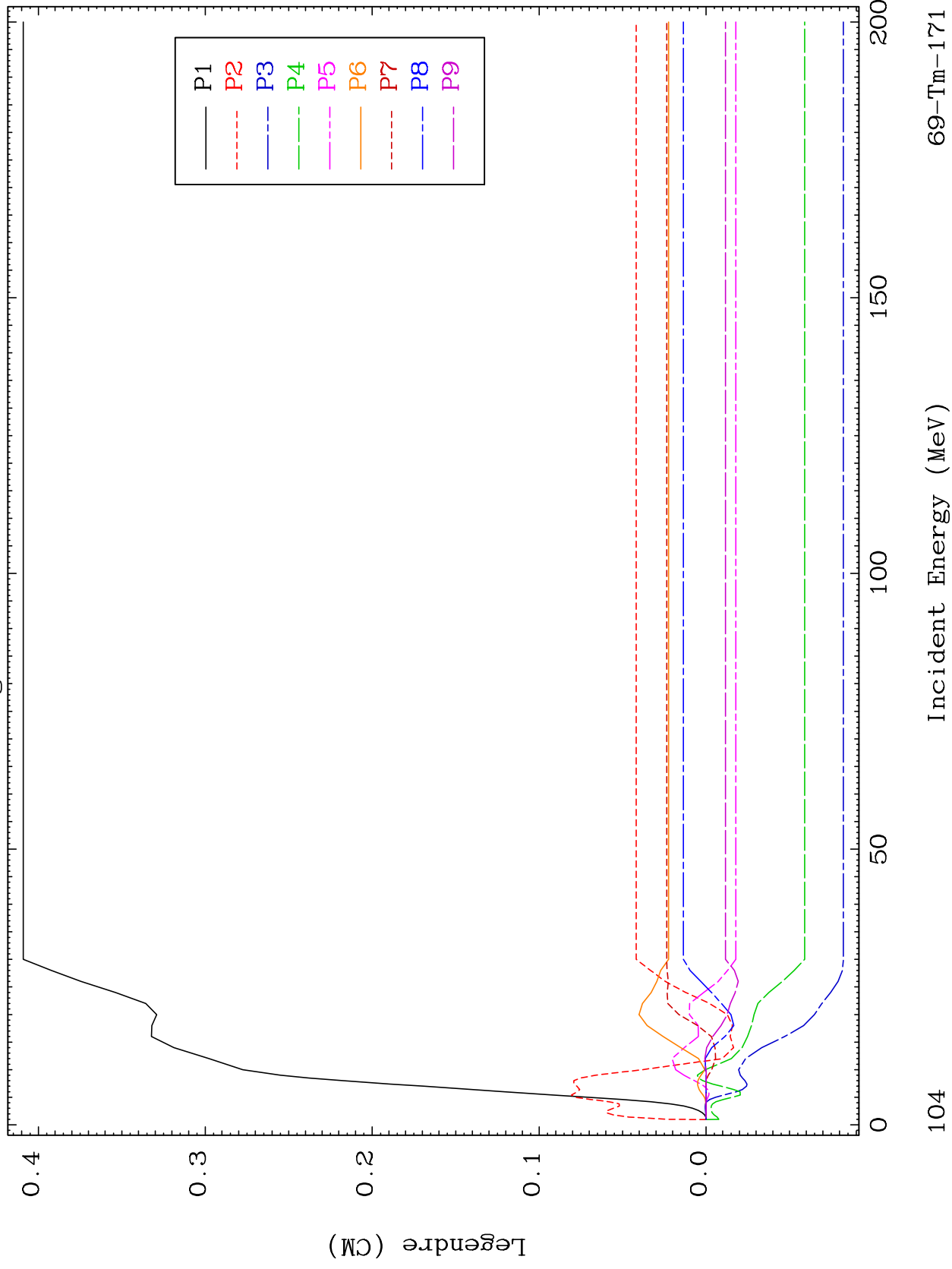
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



104

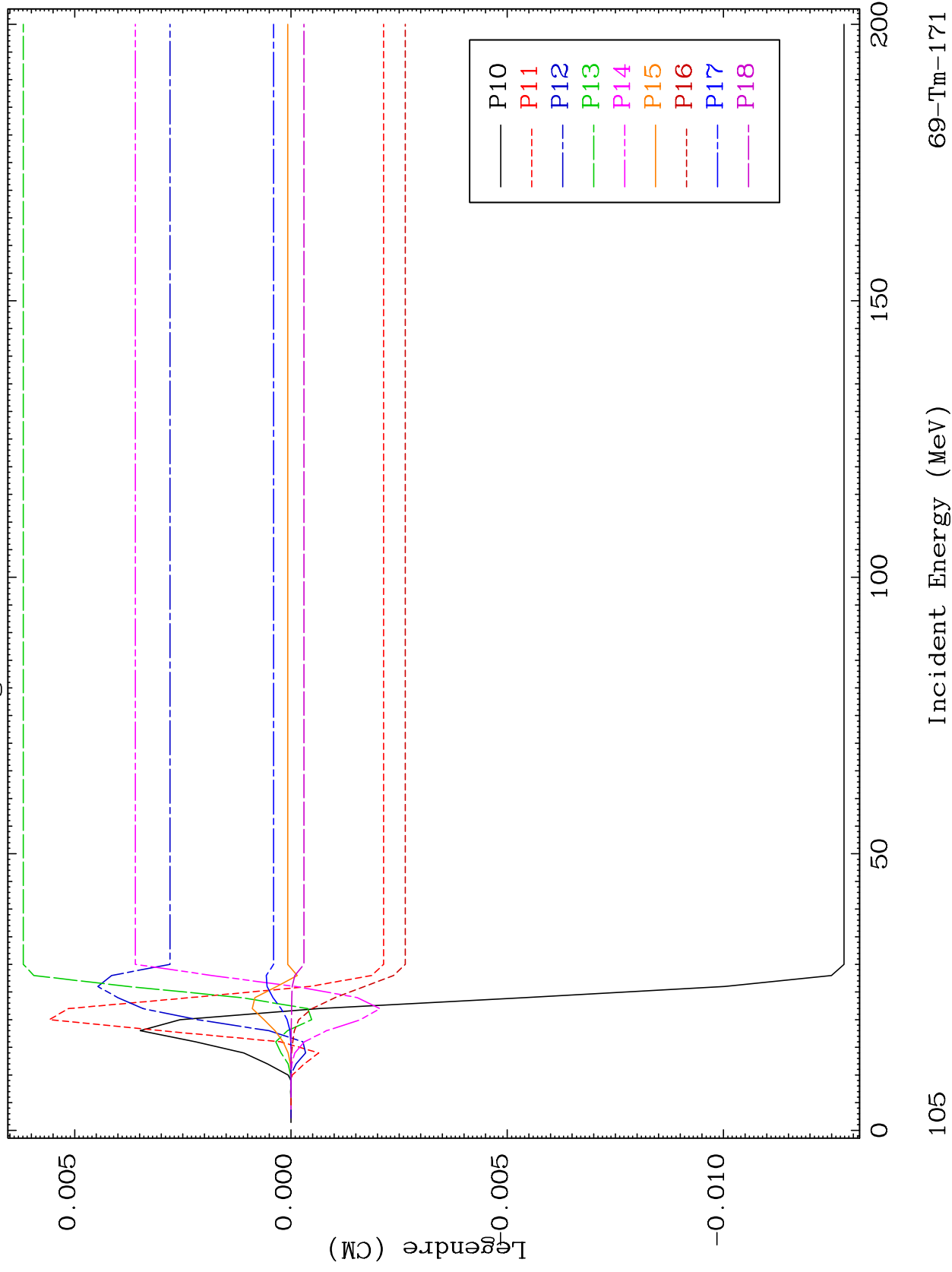
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



105

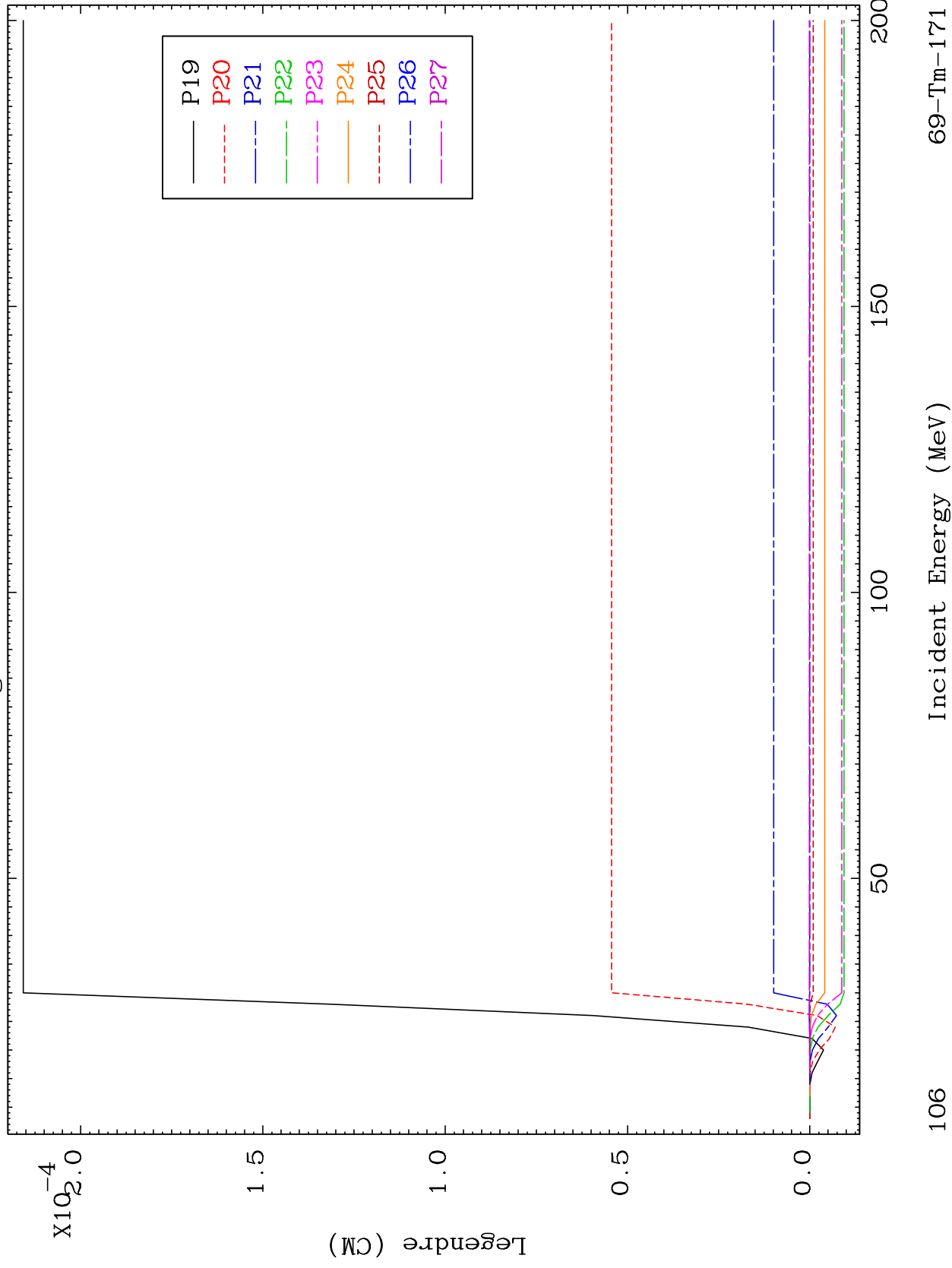
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

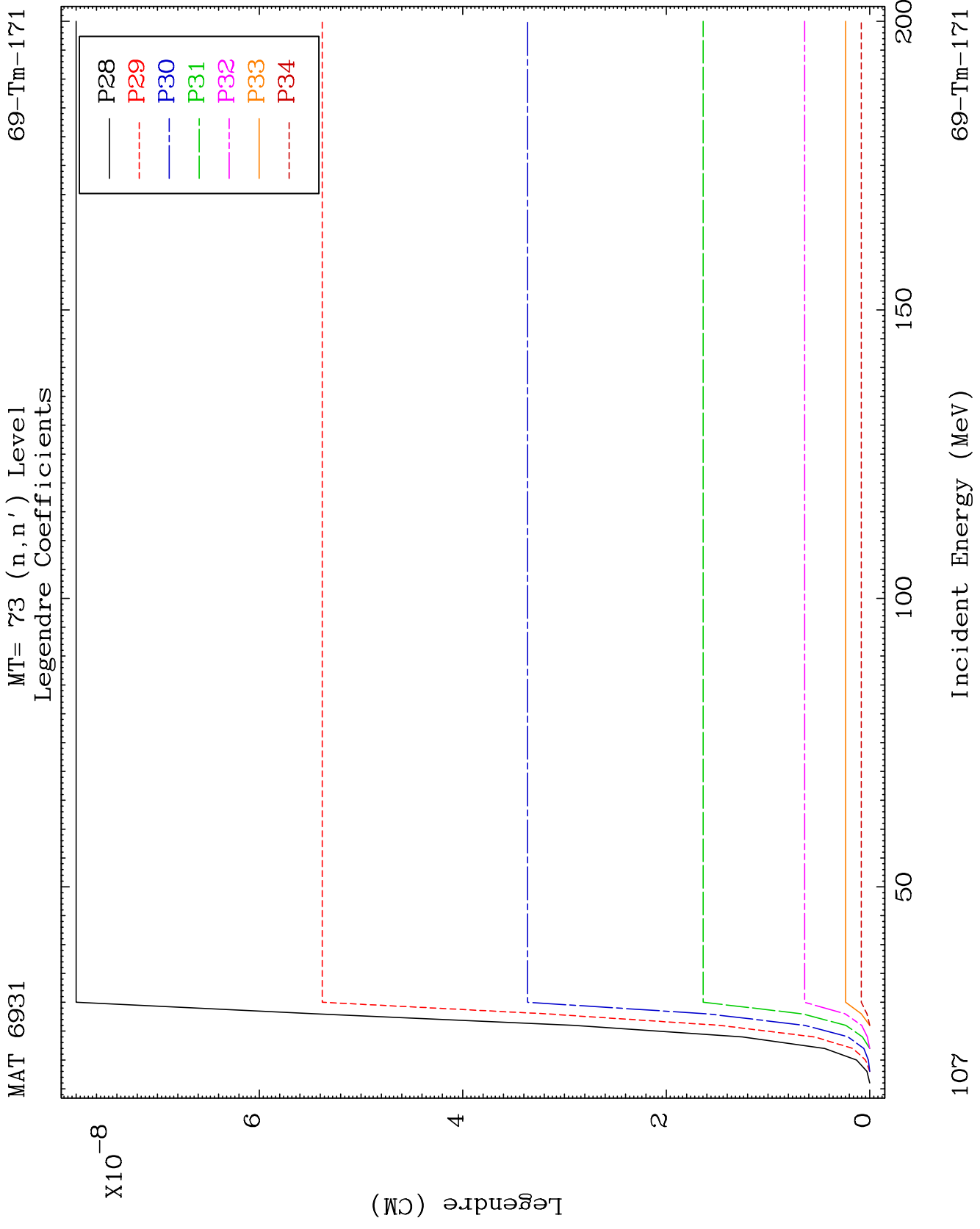
69-Tm-171



106

Incident Energy (MeV)

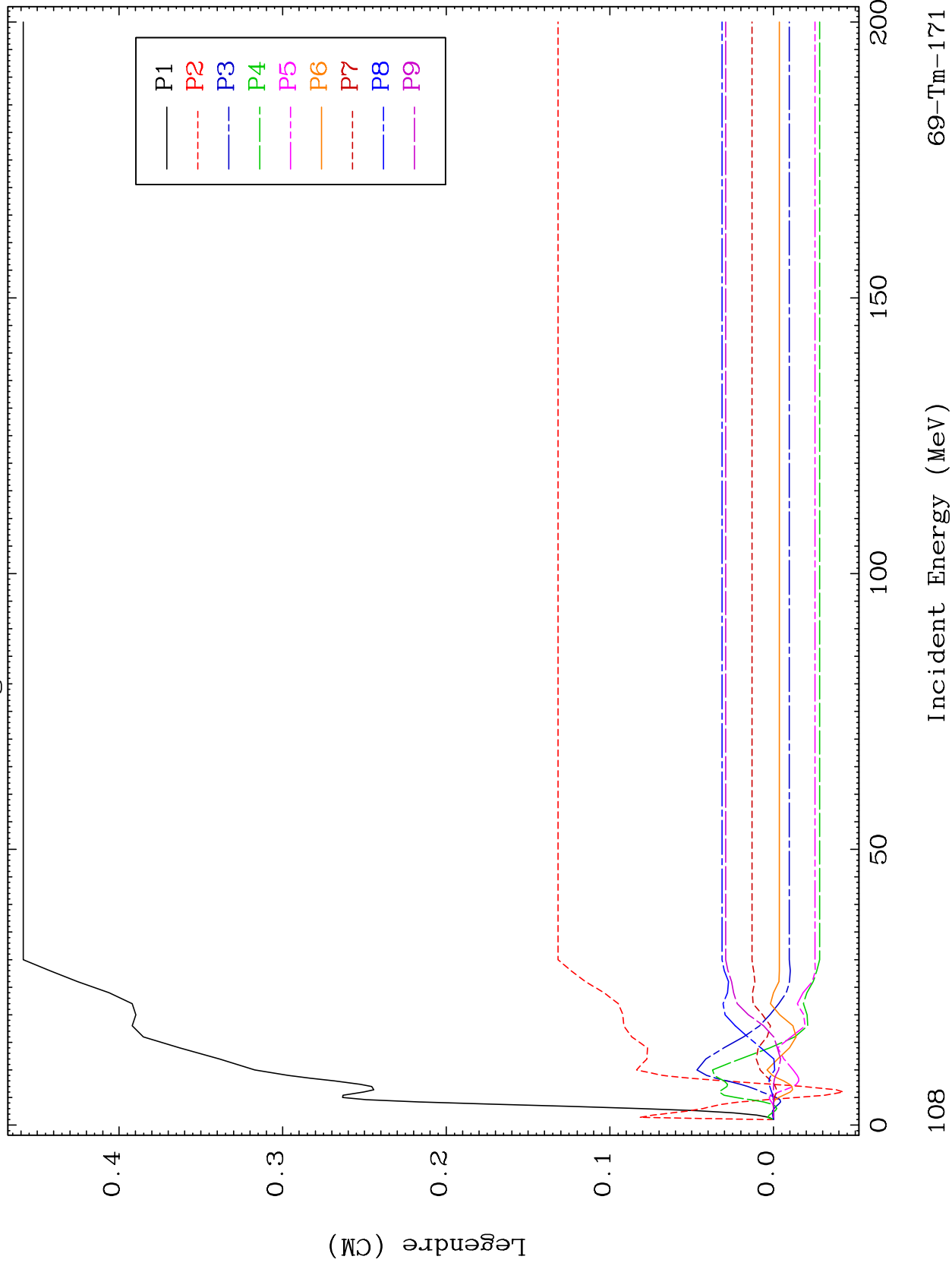
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

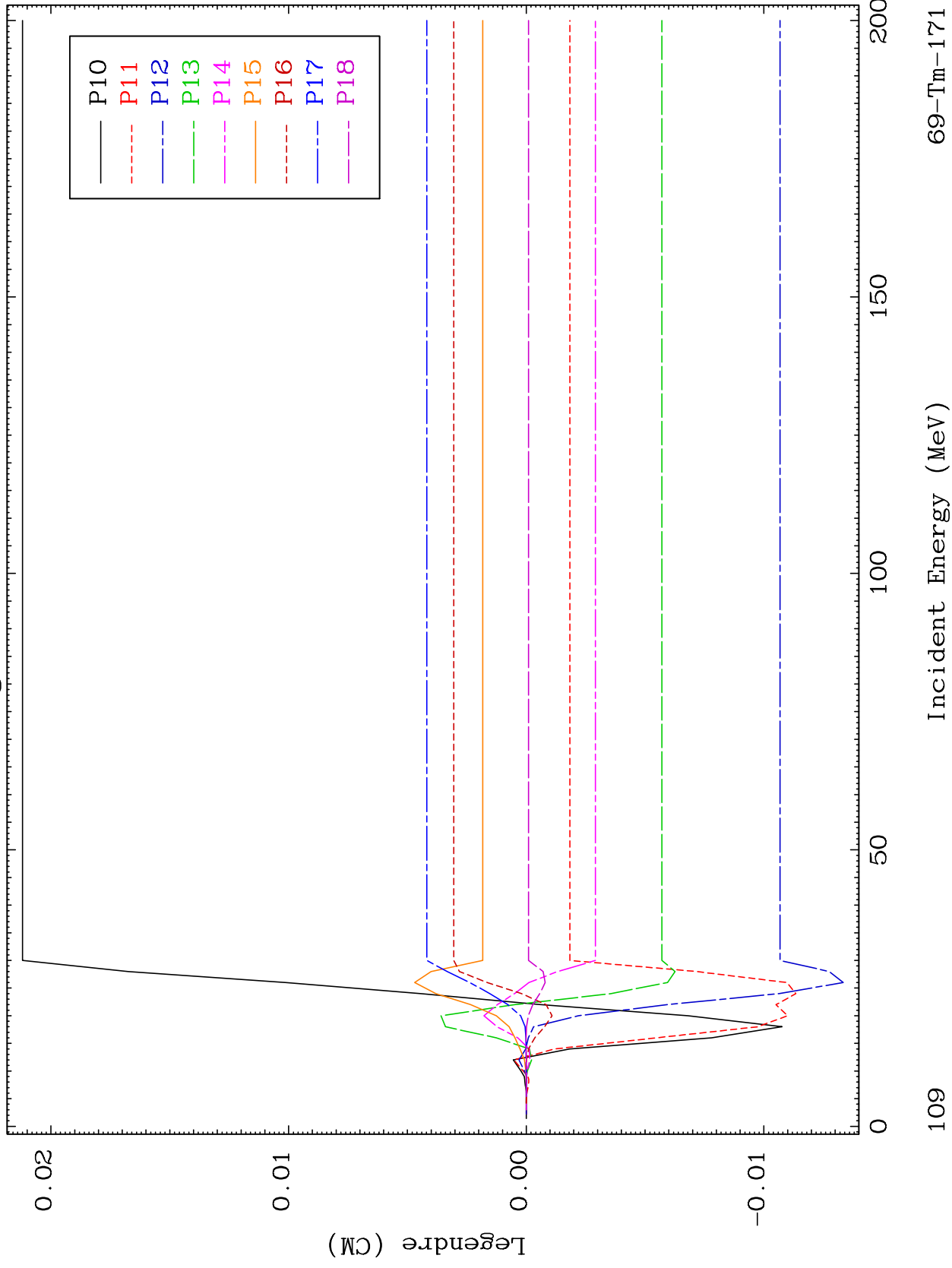
Incident Energy (MeV)

108

MAT 6931

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

69-Tm-171



69-Tm-171

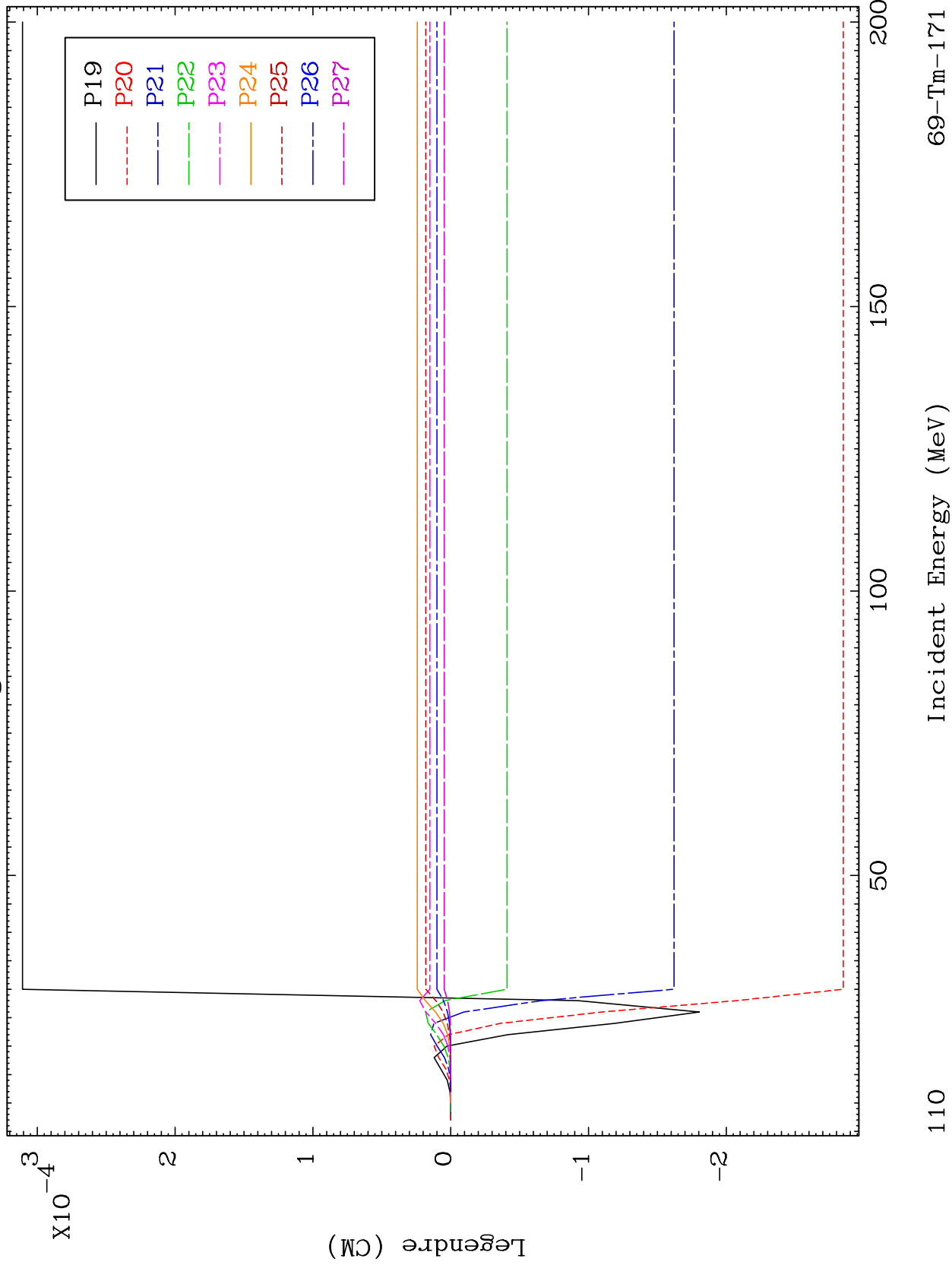
Incident Energy (MeV)

109

MAT 6931

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

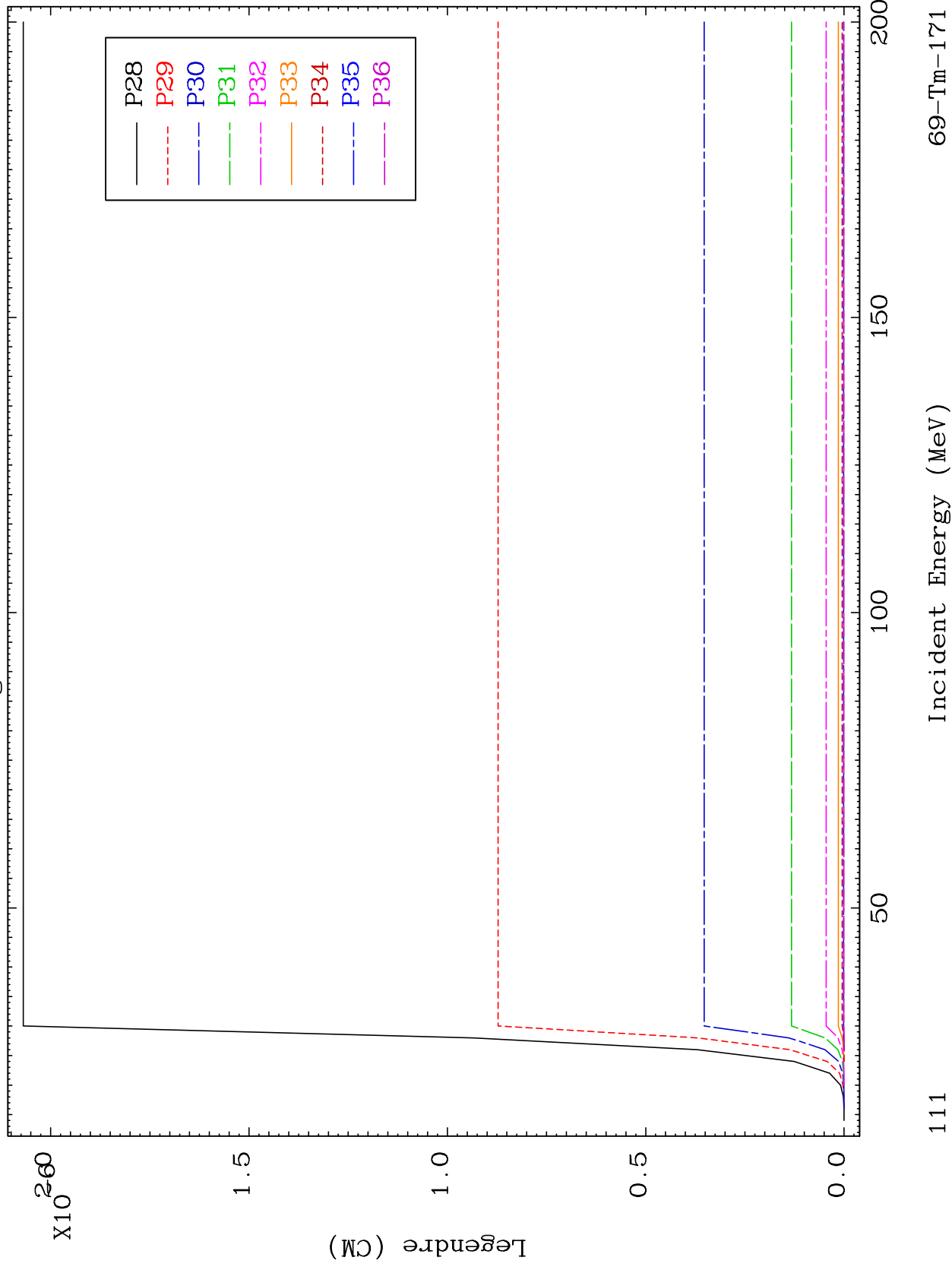
69-Tm-171



MAT 6931

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

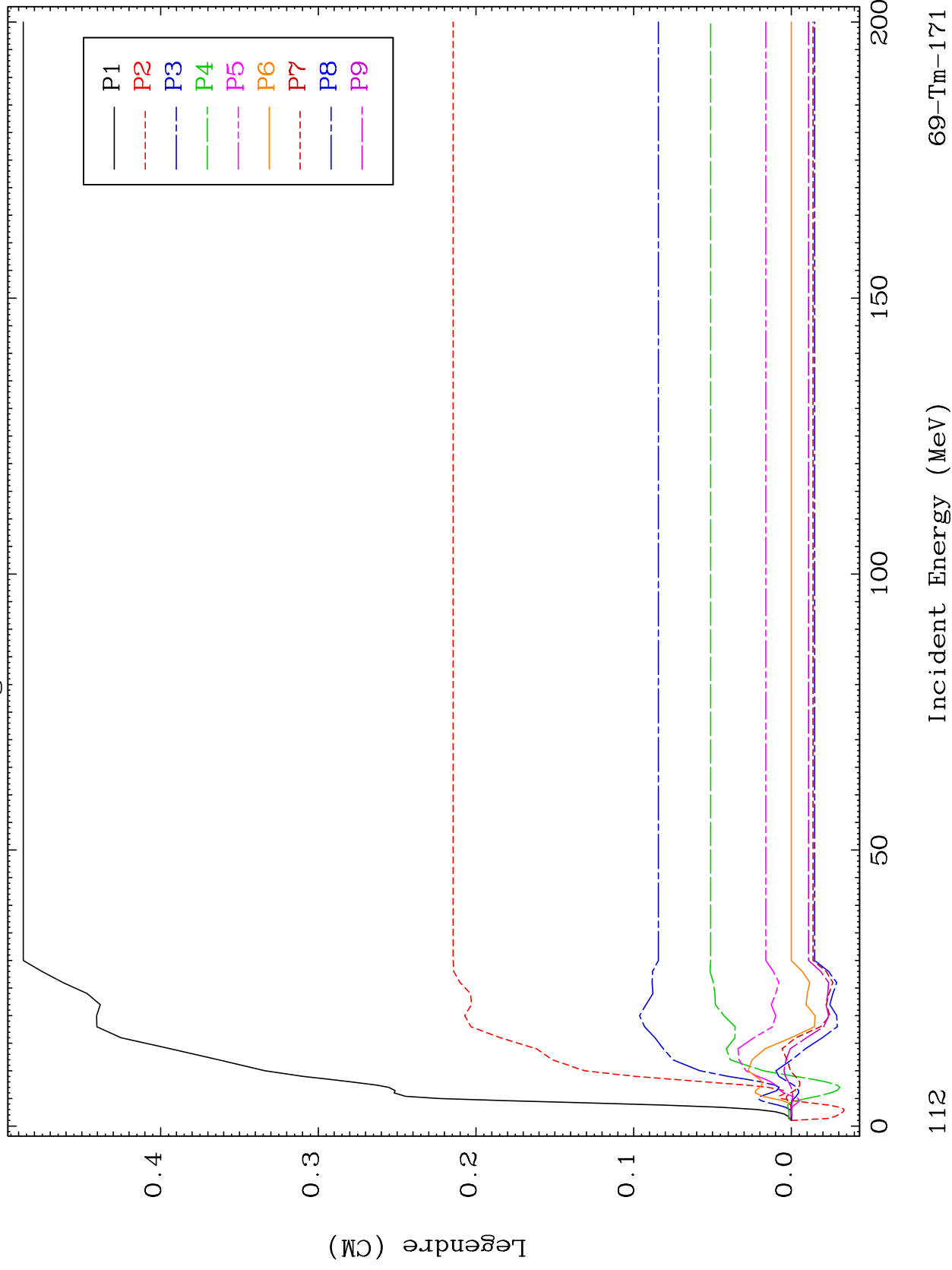
69-Tm-171



MAT 6931

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

69-Tm-171



112

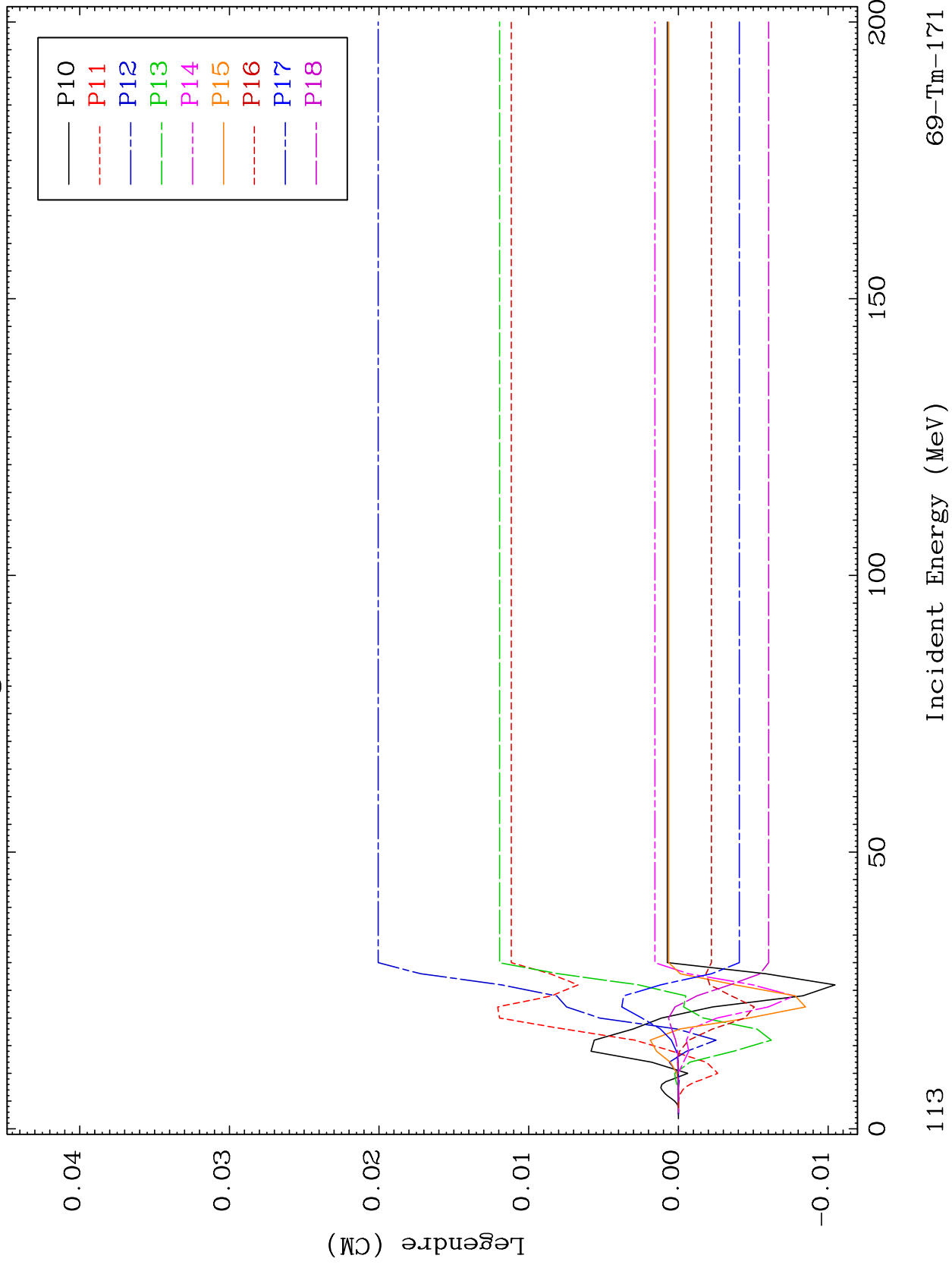
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

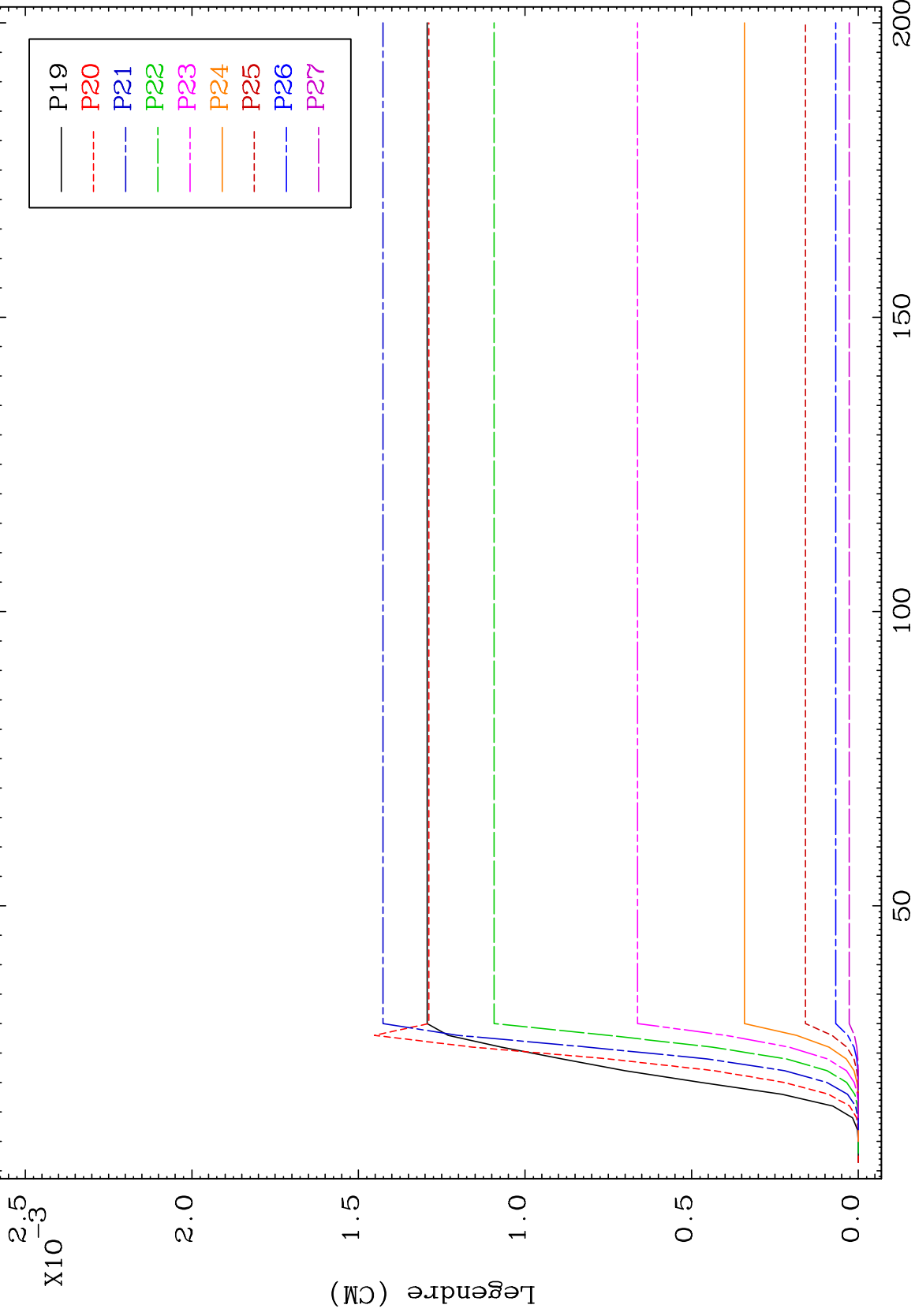
Incident Energy (MeV)

113

MAT 6931

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

69-Tm-171



114

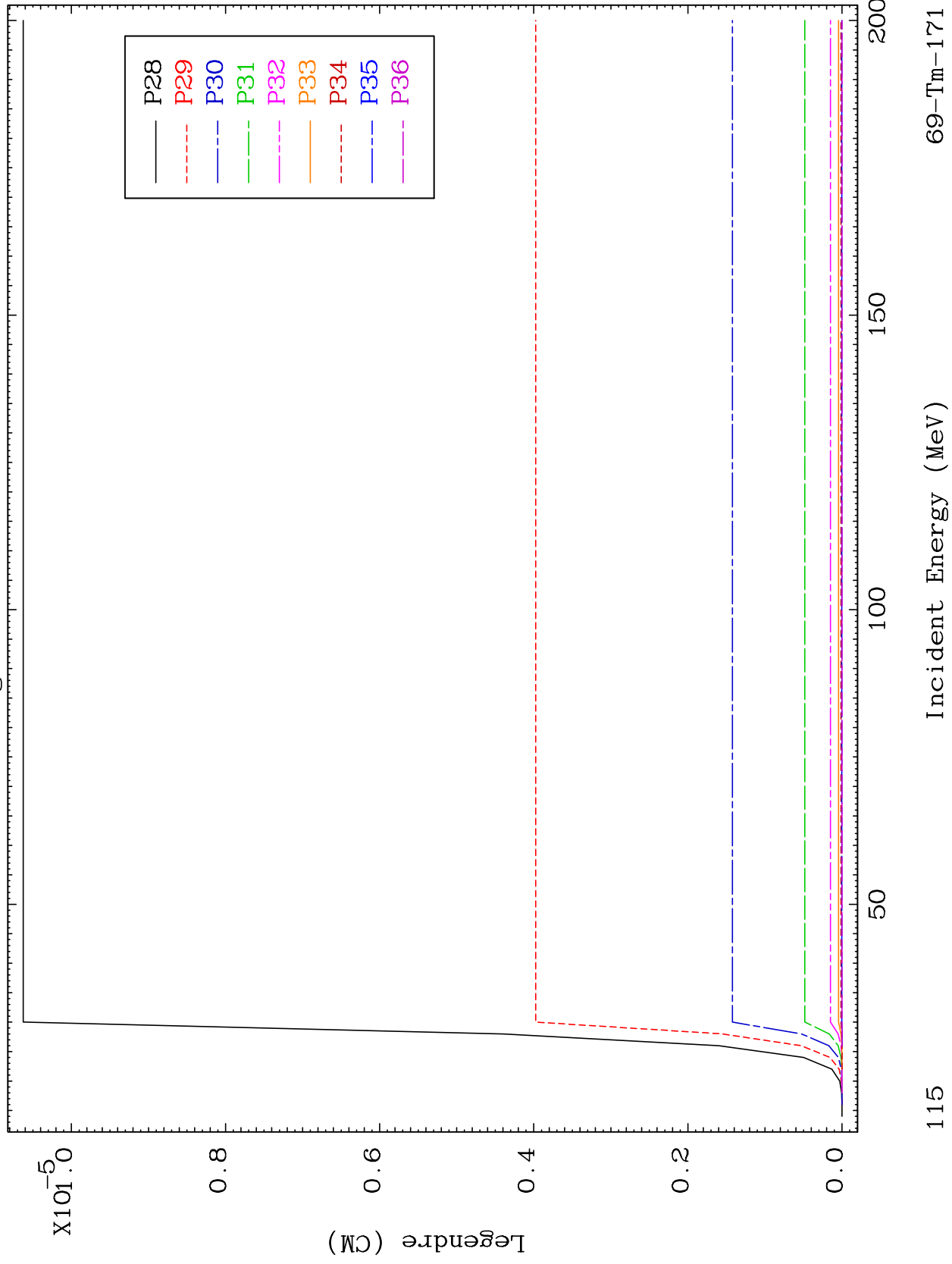
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171

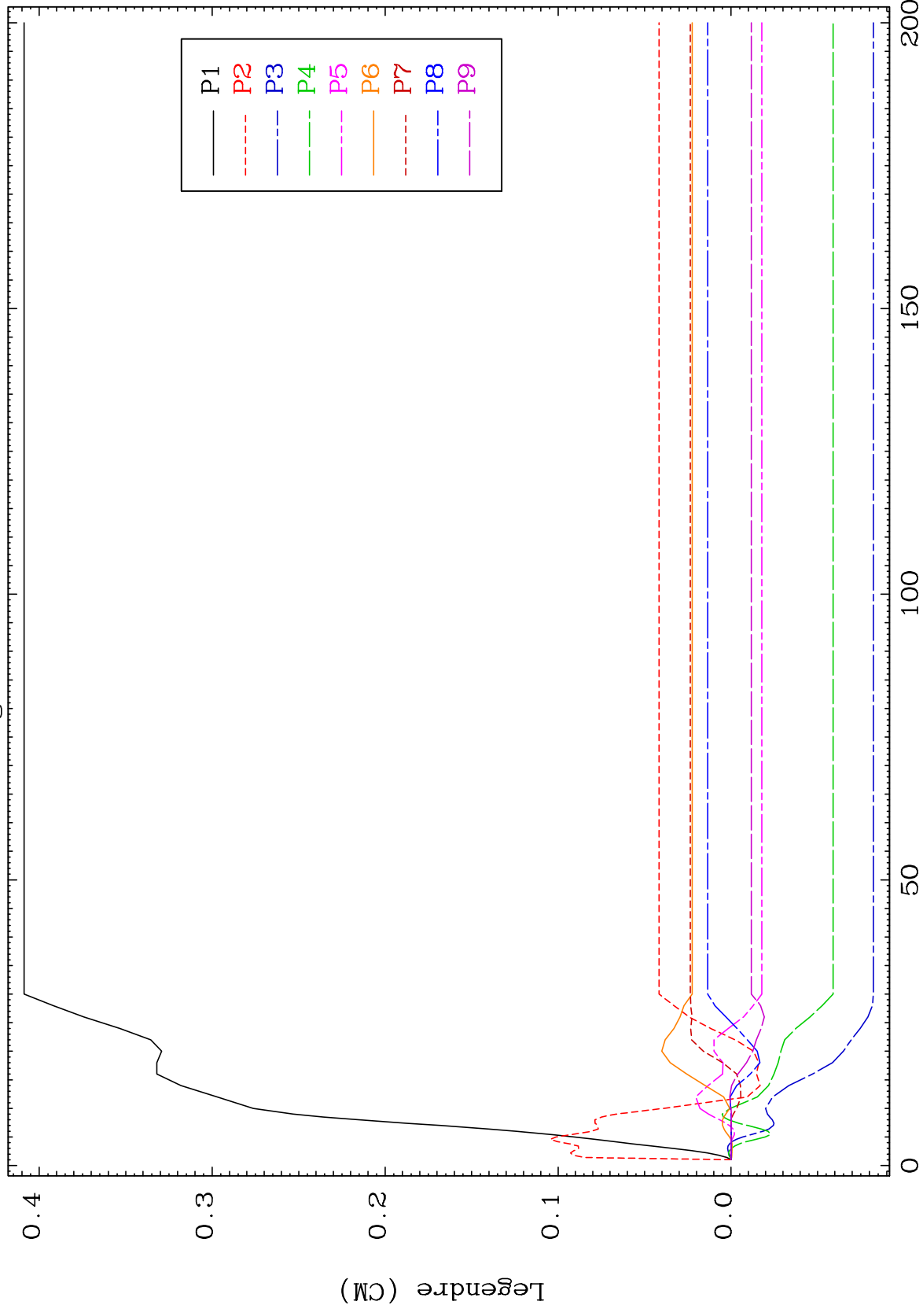


115

MAT 6931

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

69-Tm-171



116

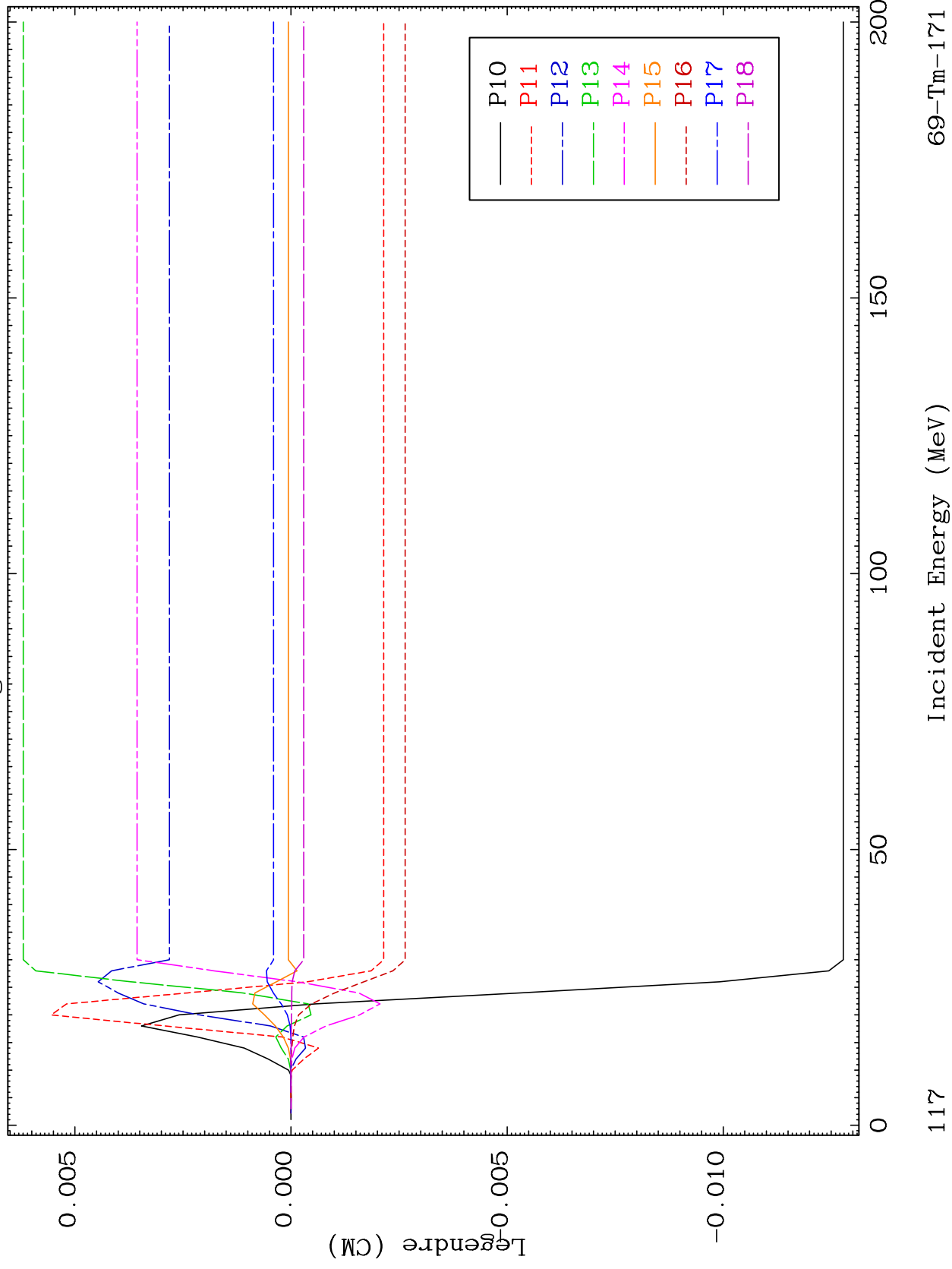
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171

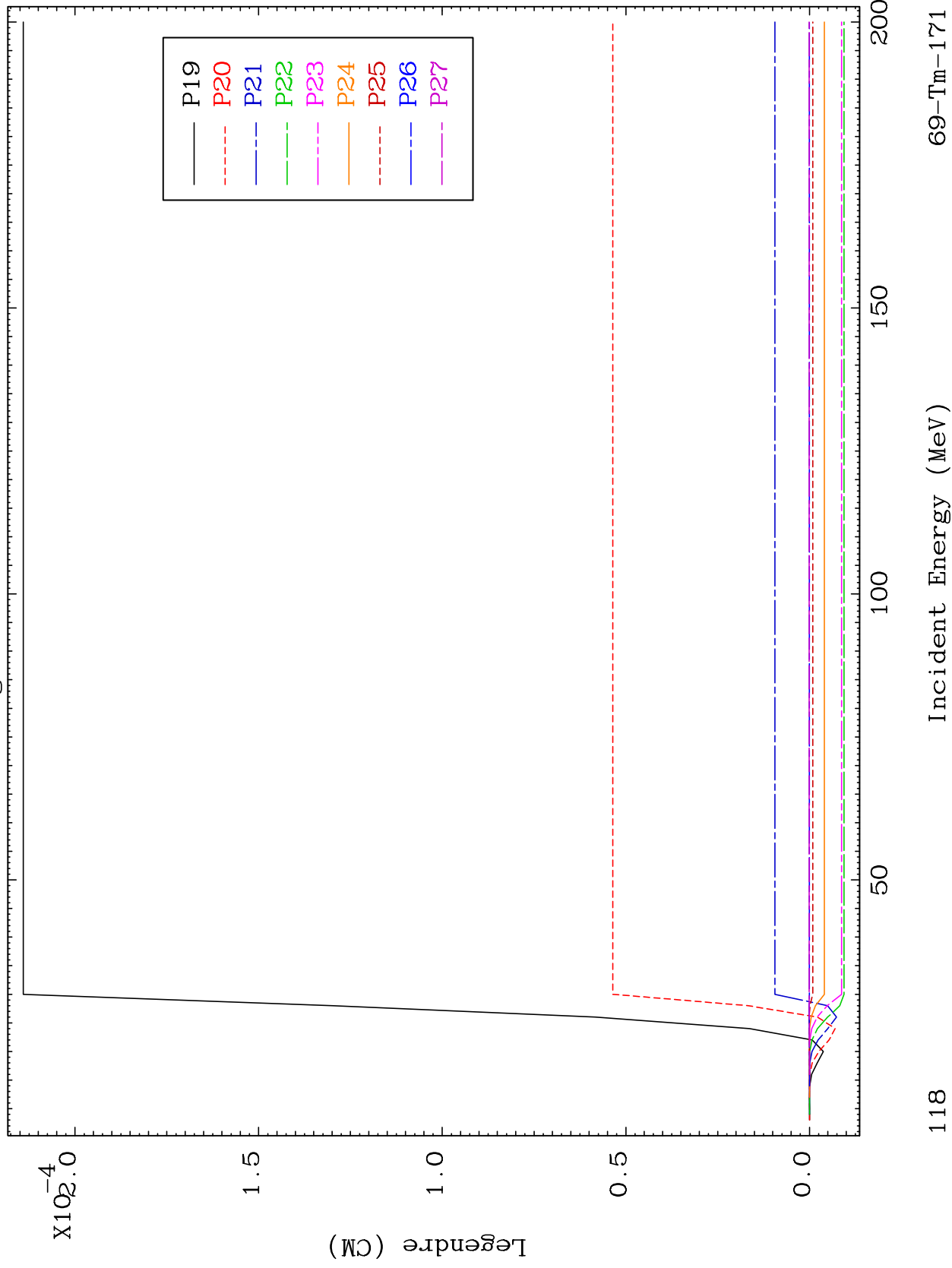


117

MAT 6931

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

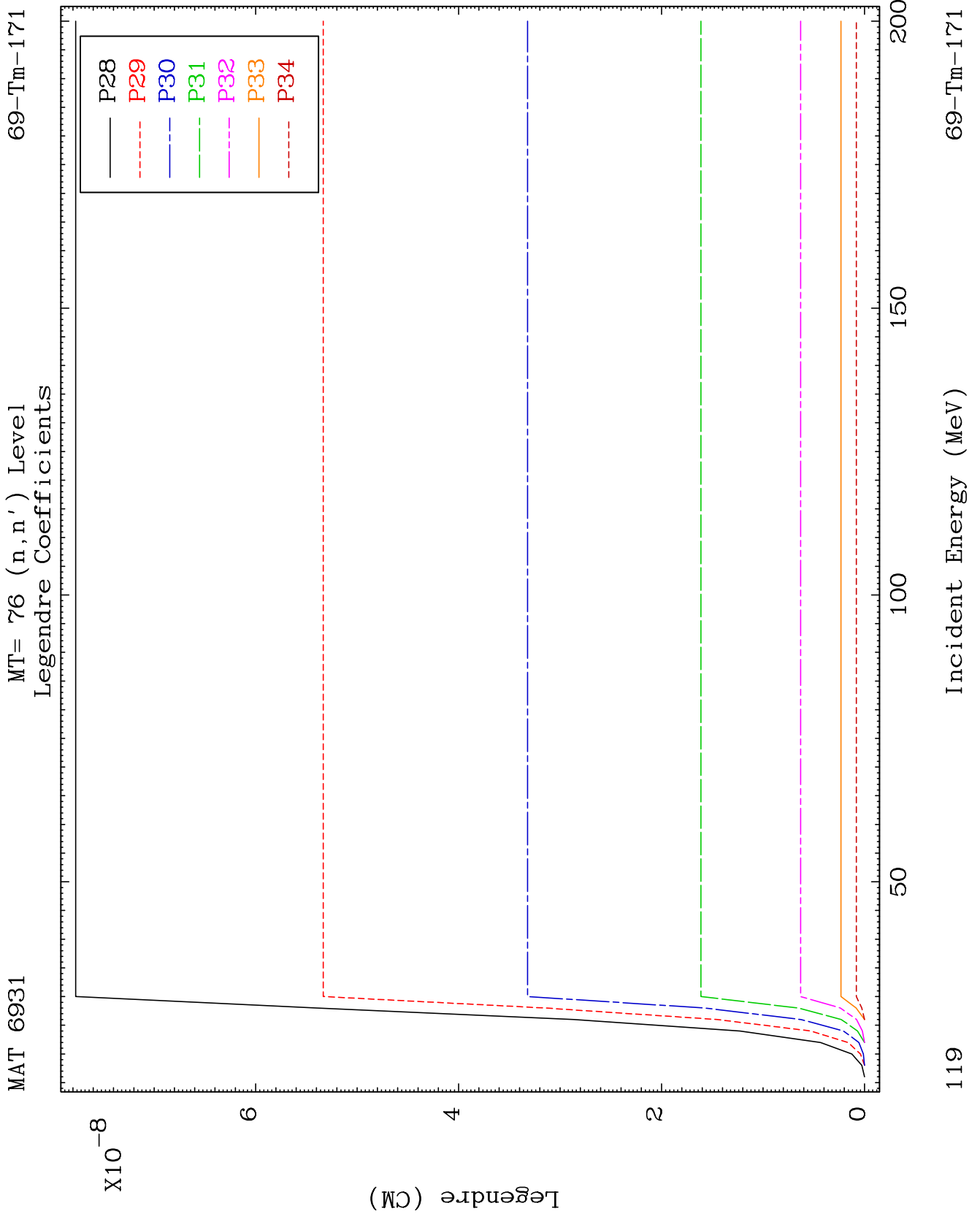
69-Tm-171



118

Incident Energy (MeV)

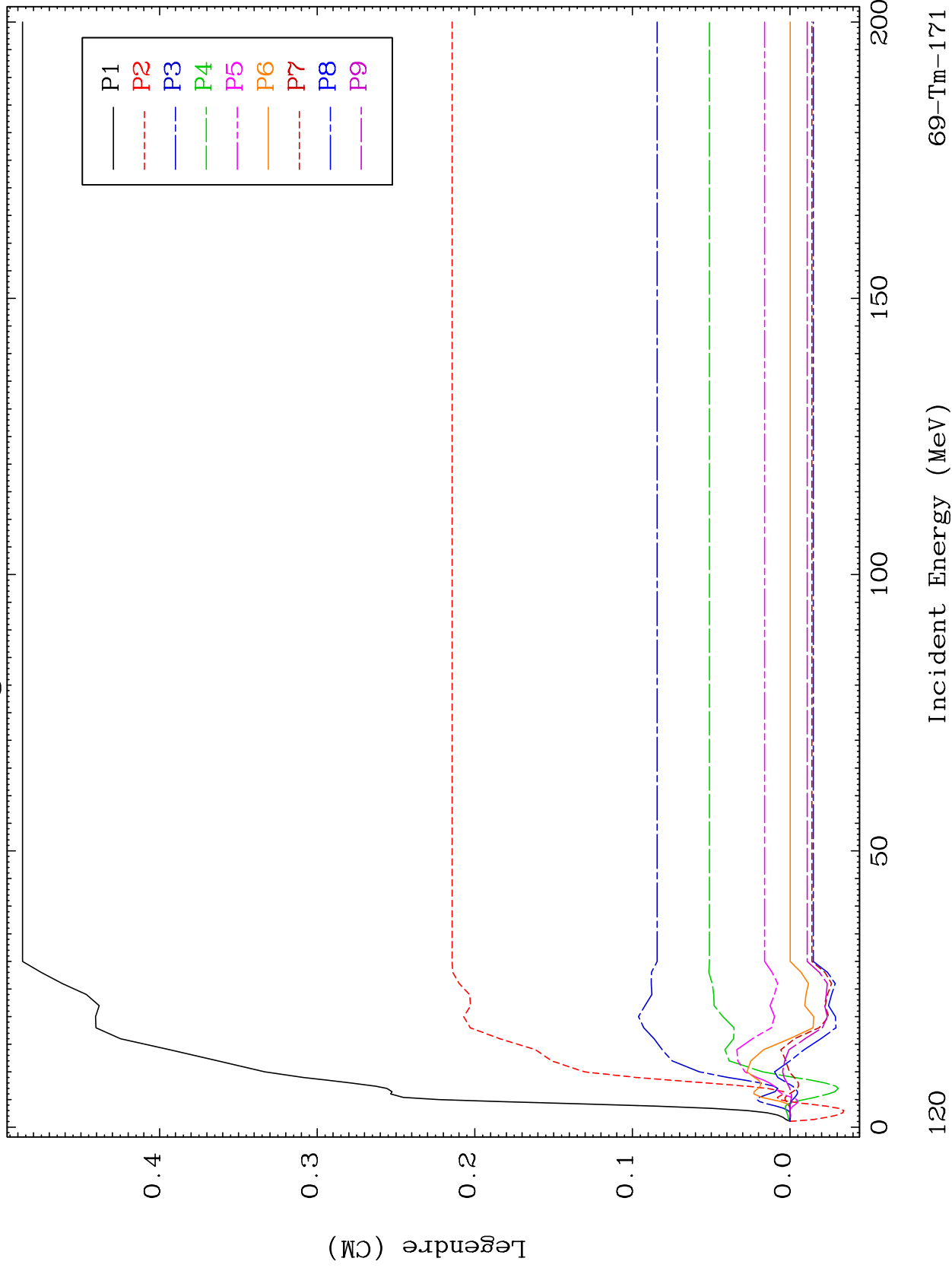
69-Tm-171



MAT 6931

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

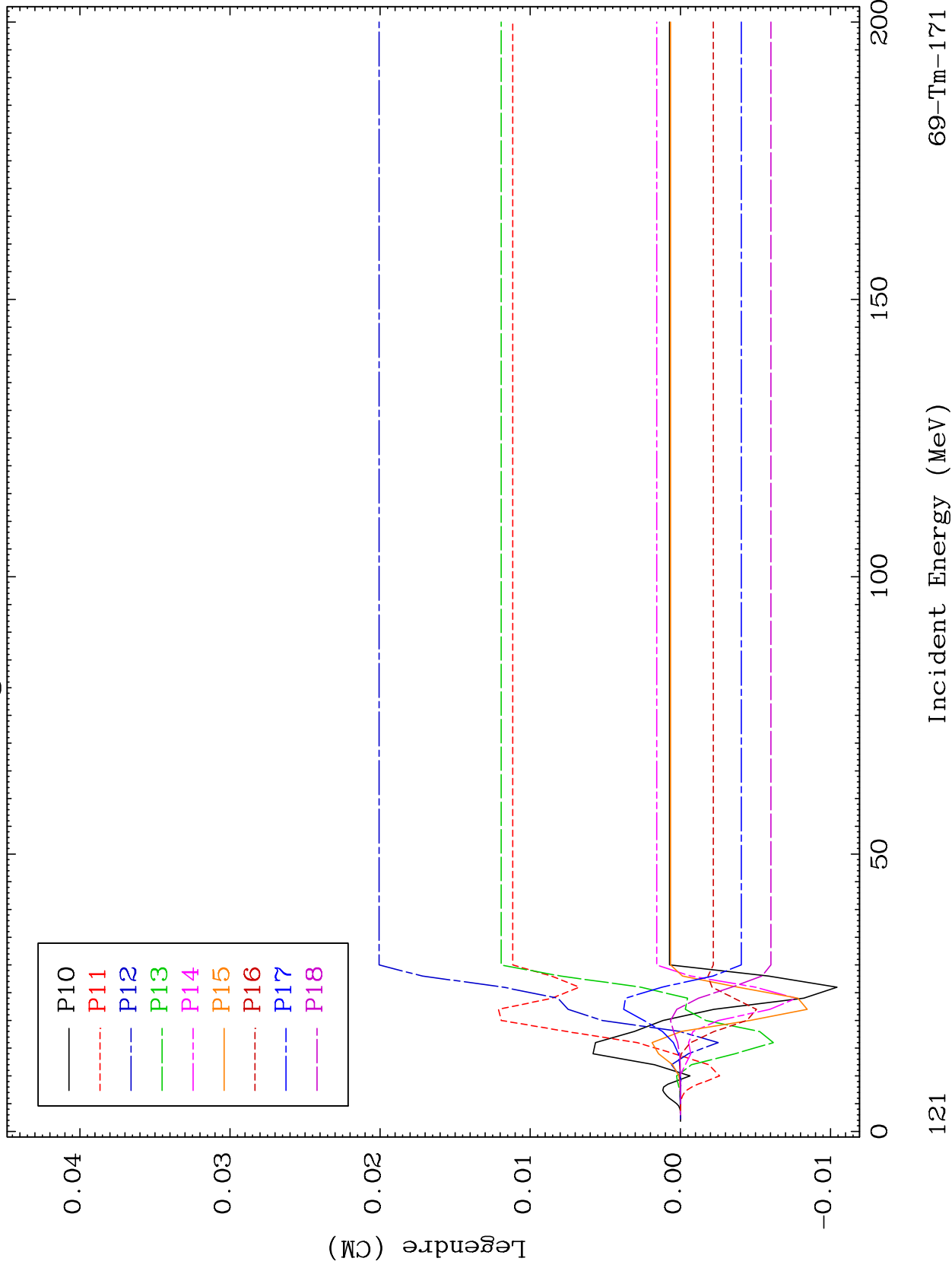
69-Tm-171



MAT 6931

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

69-Tm-171



121

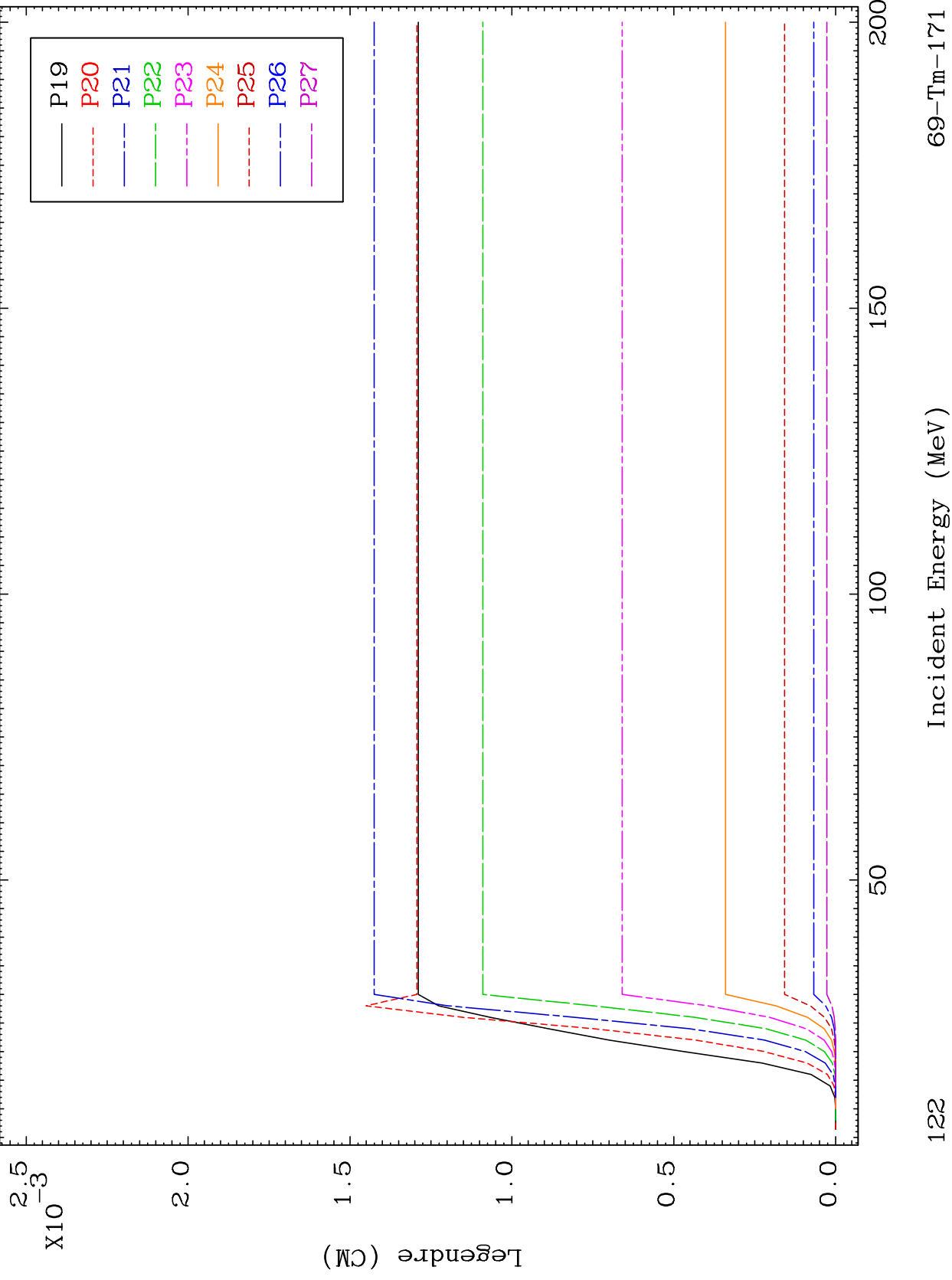
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



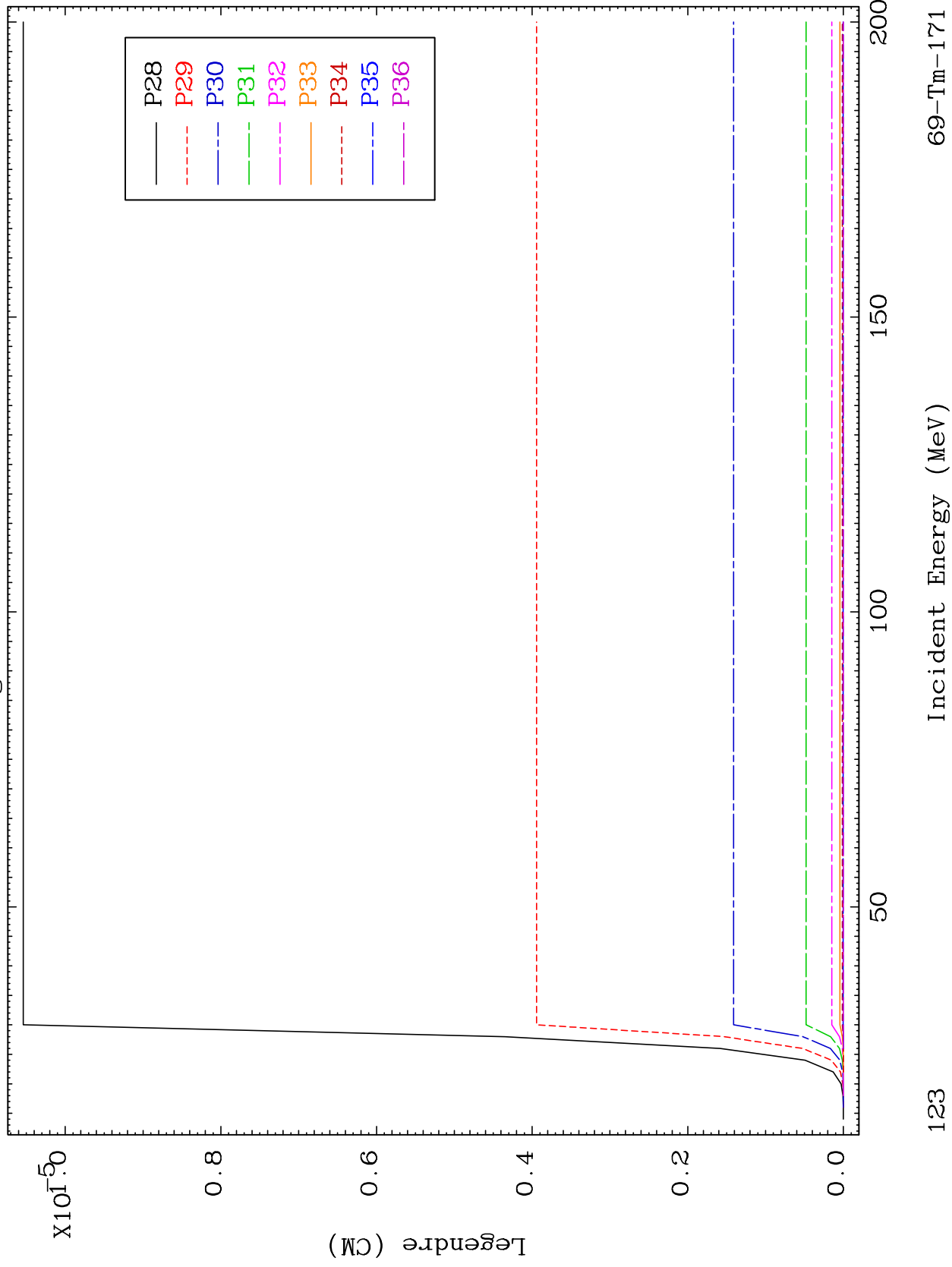
122

69-Tm-171

MAT 6931

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

69-Tm-171



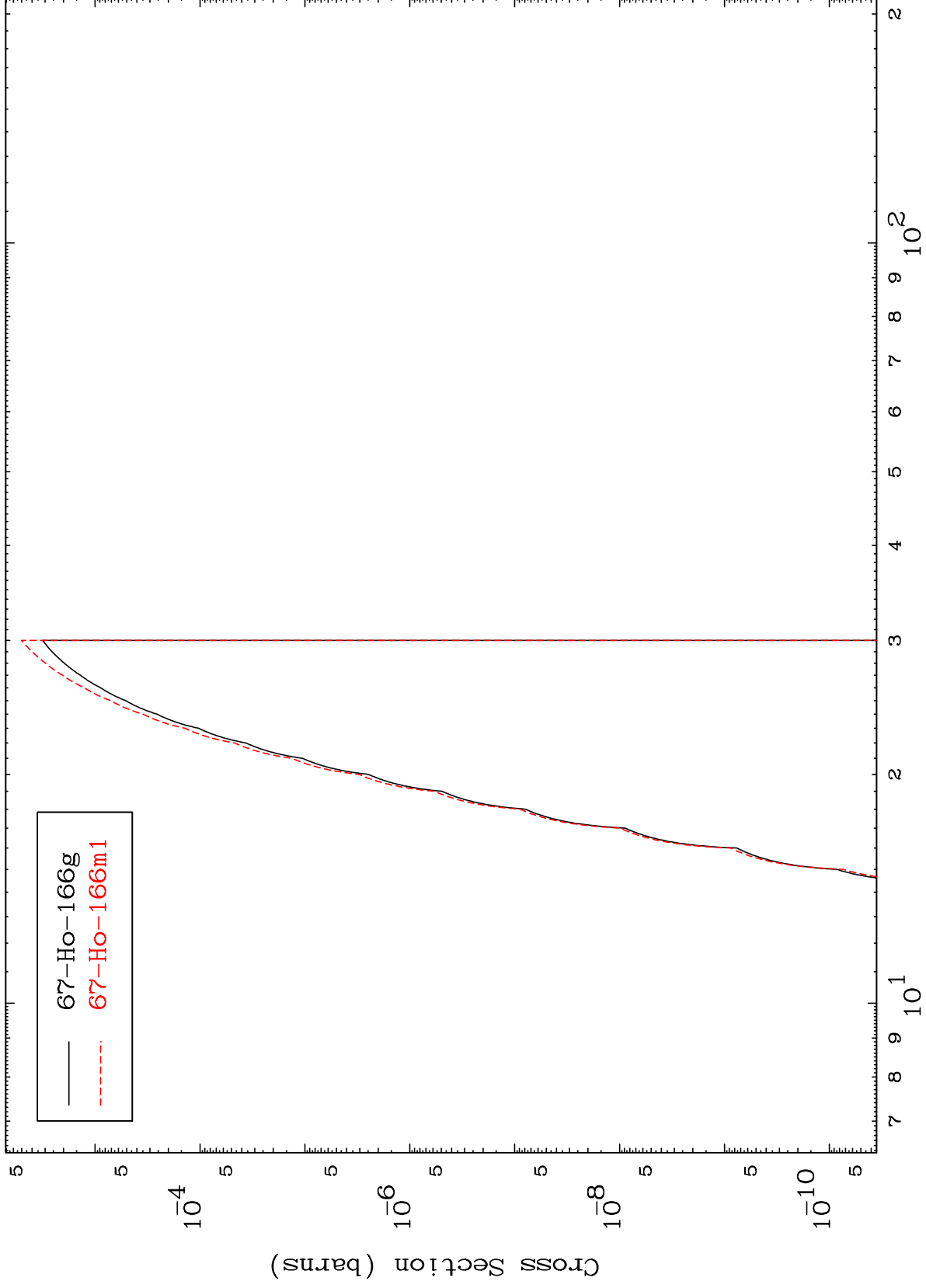
123

MAT 6931

$(n,2n) \alpha$

69-Tm-171

Radionuclide Production Cross Section



124

Incident Energy (MeV)

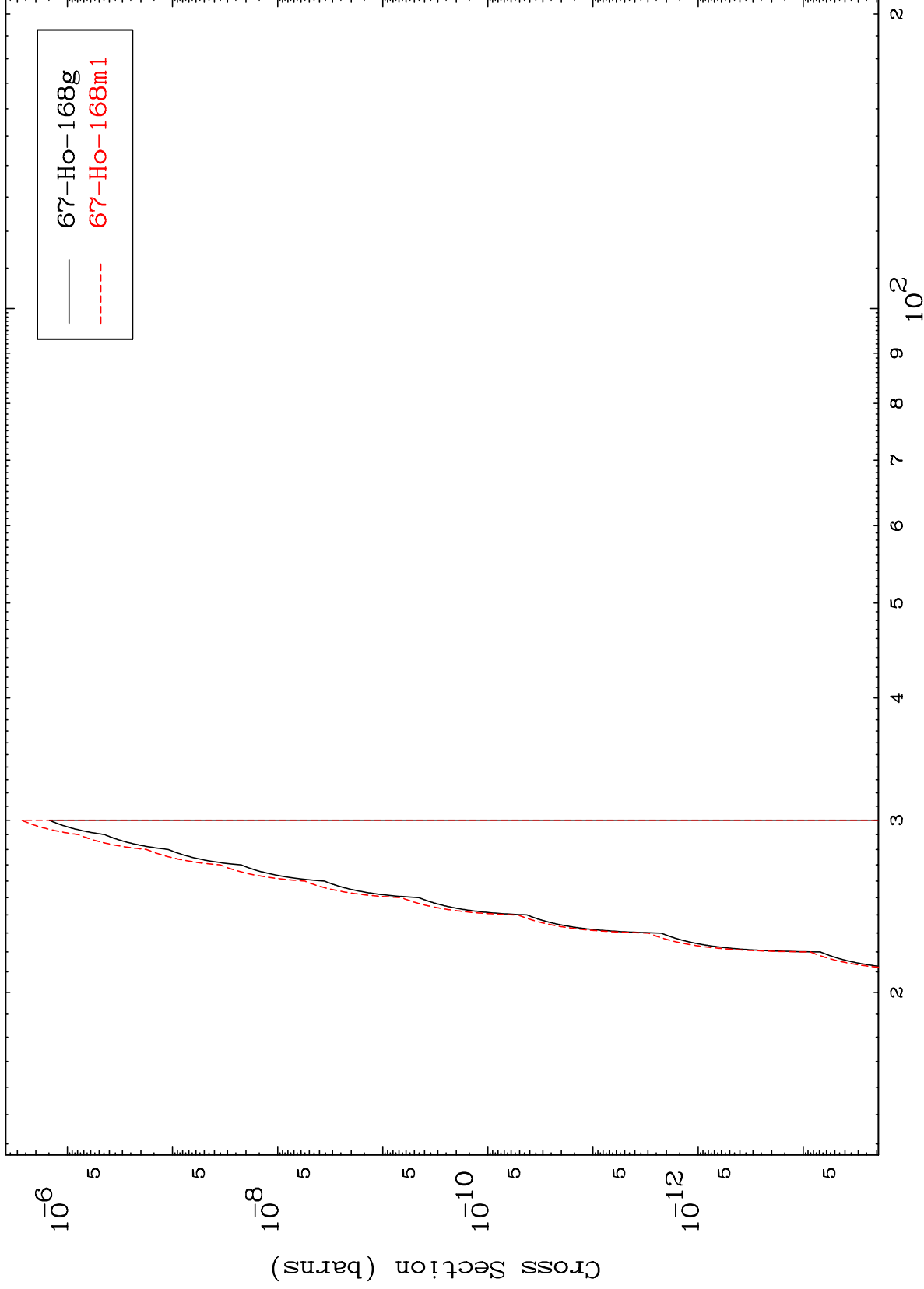
69-Tm-171

MAT 6931

(n,n') He-3

69-Tm-171

Radionuclide Production Cross Section



125

Incident Energy (MeV)

69-Tm-171

MAT 6931

(n, α)

69-Tm-171

Radionuclide Production Cross Section

