

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

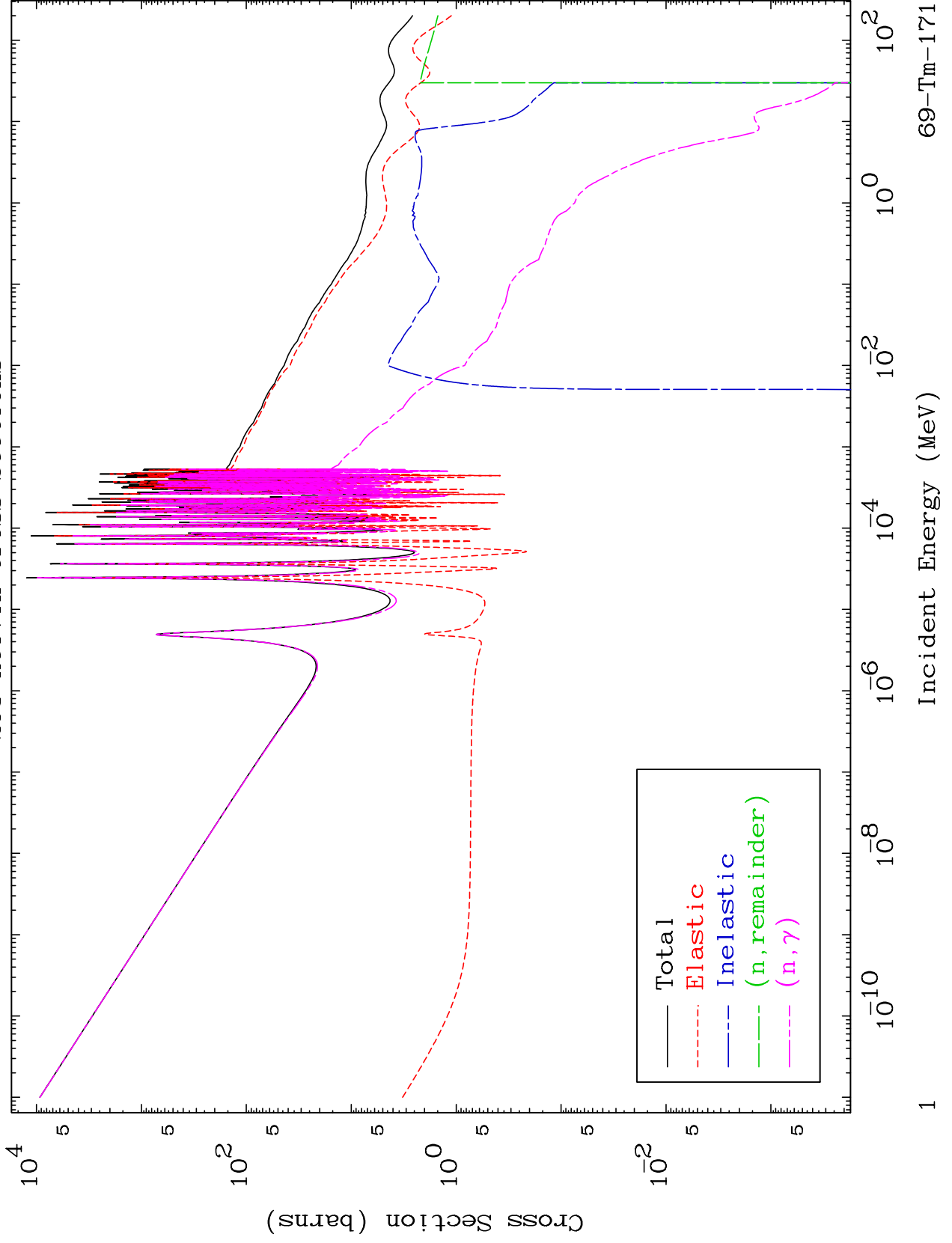
Press Mouse Button to Start

MAT 6931

Major

293 Kelvin Cross Sections

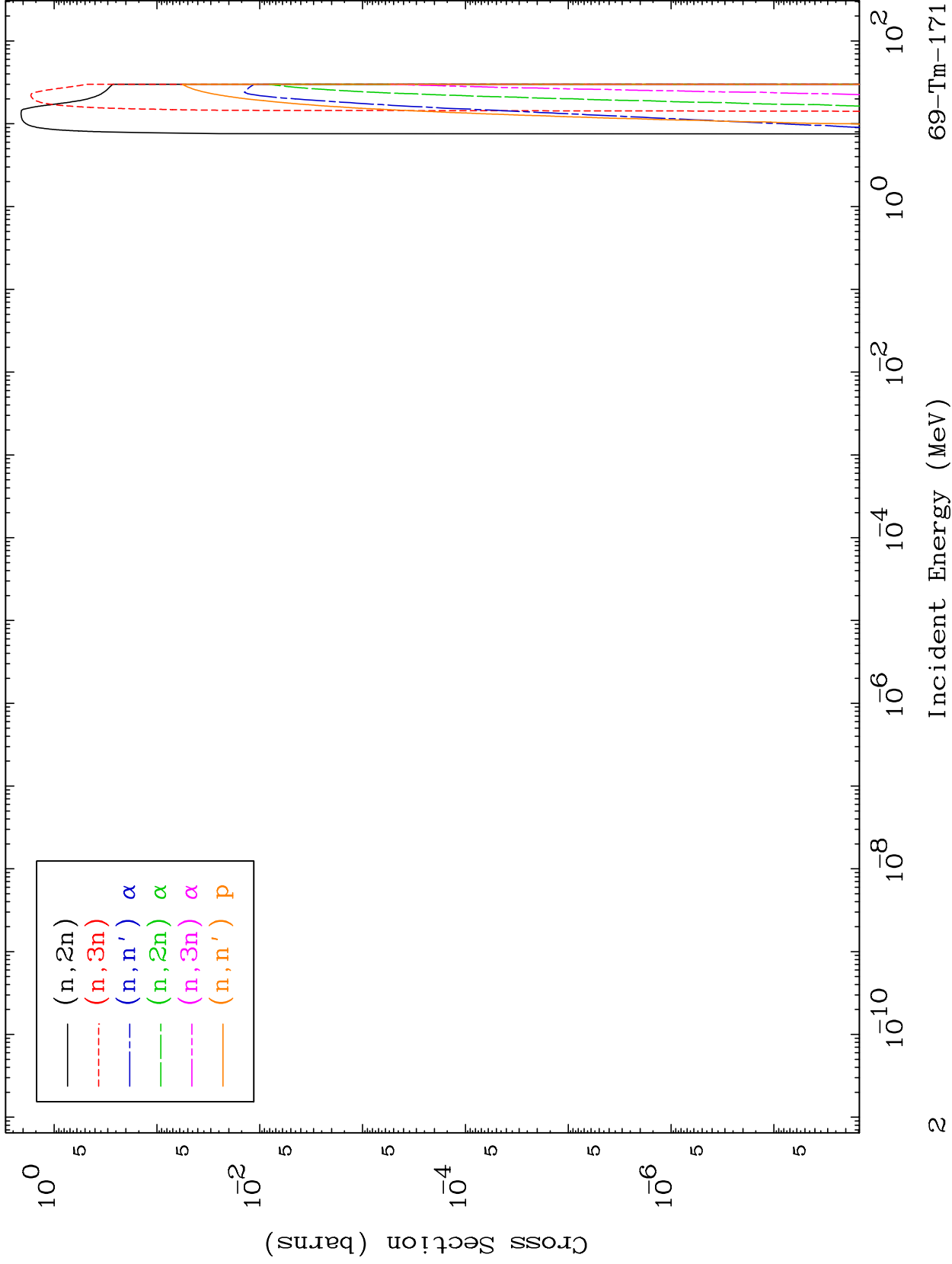
69-Tm-171

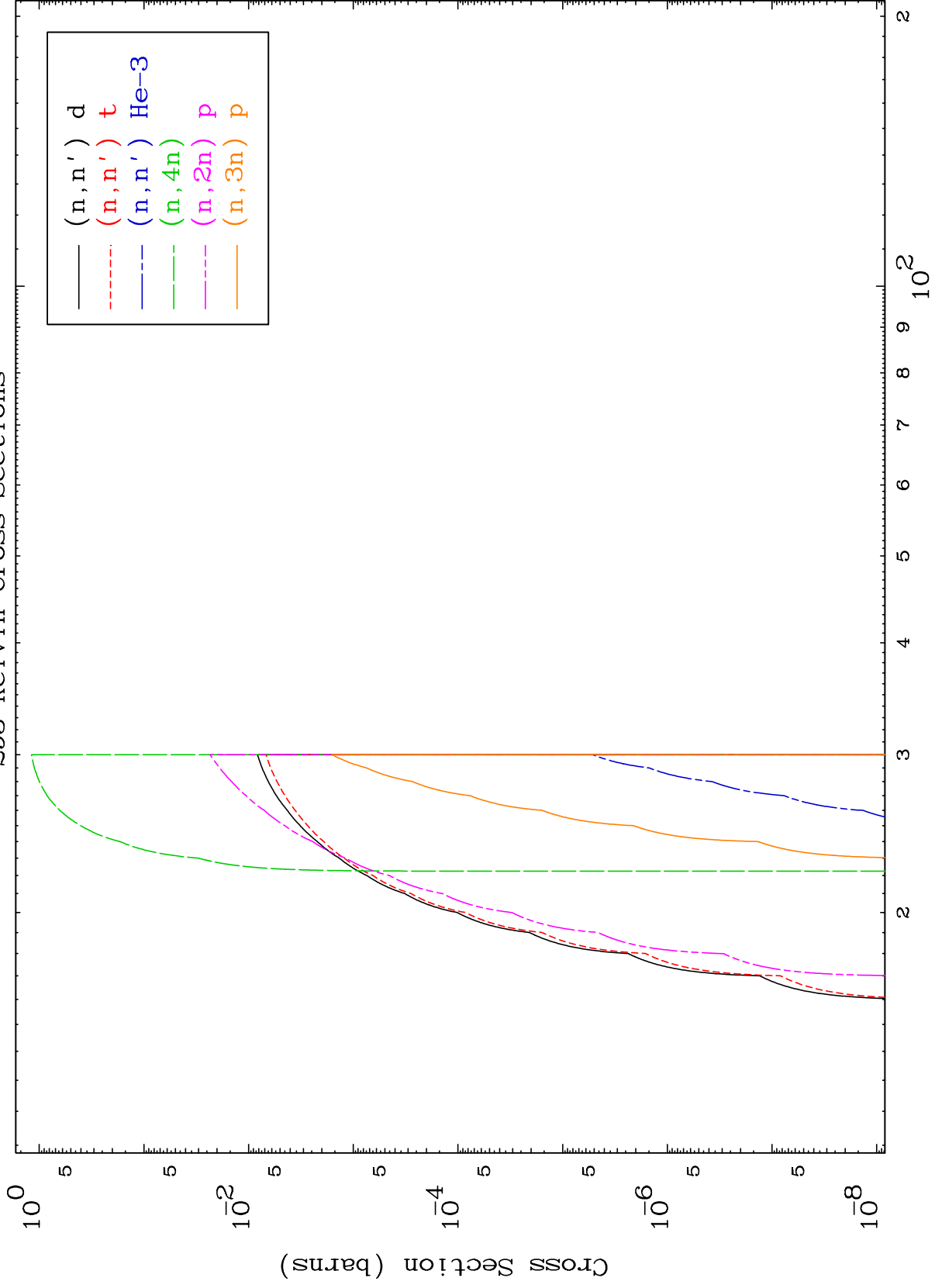


MAT 6931

Neutron Production  
293 Kelvin Cross Sections

69-Tm-171

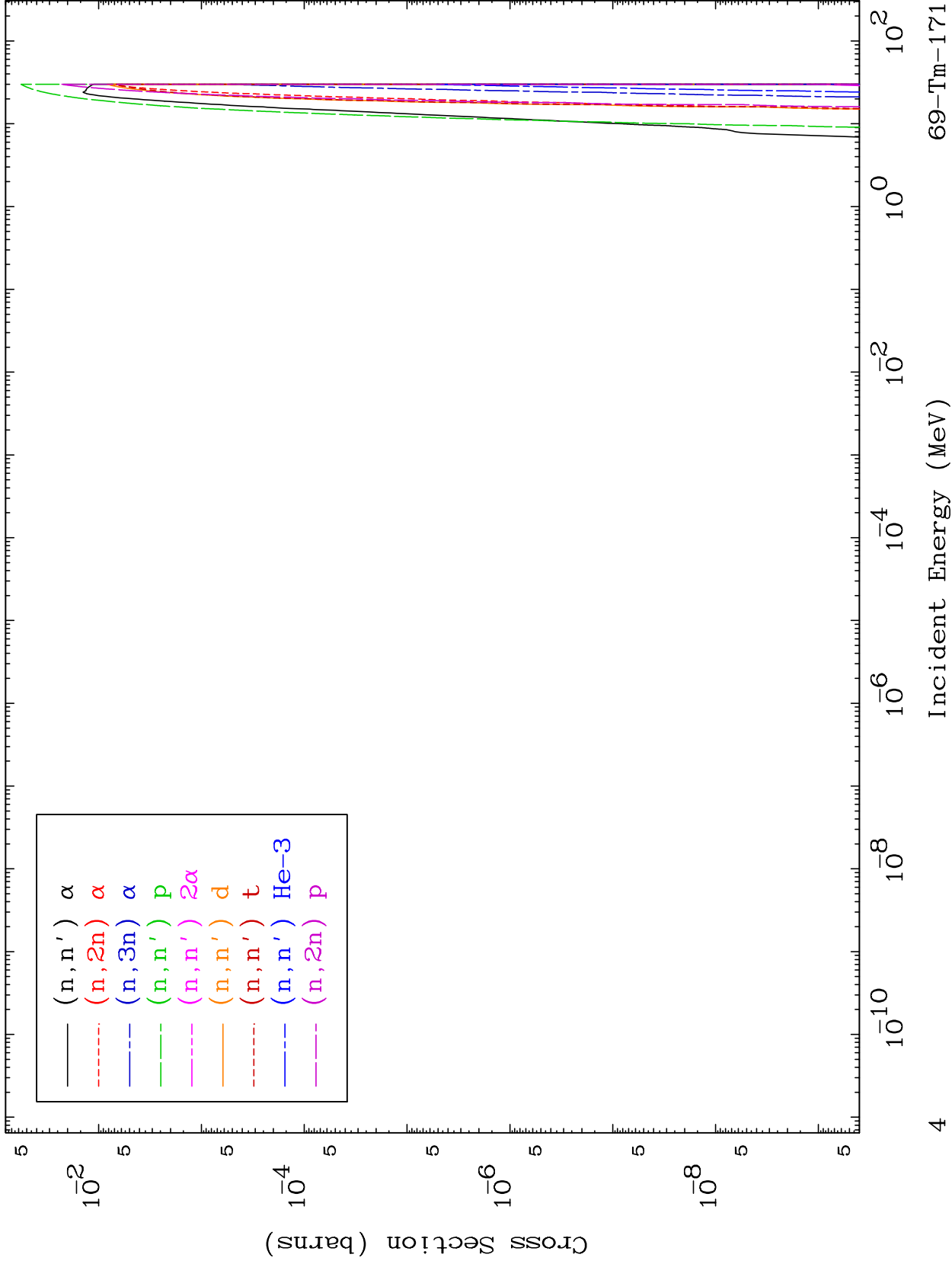




MAT 6931

Charged Particle  
293 Kelvin Cross Sections

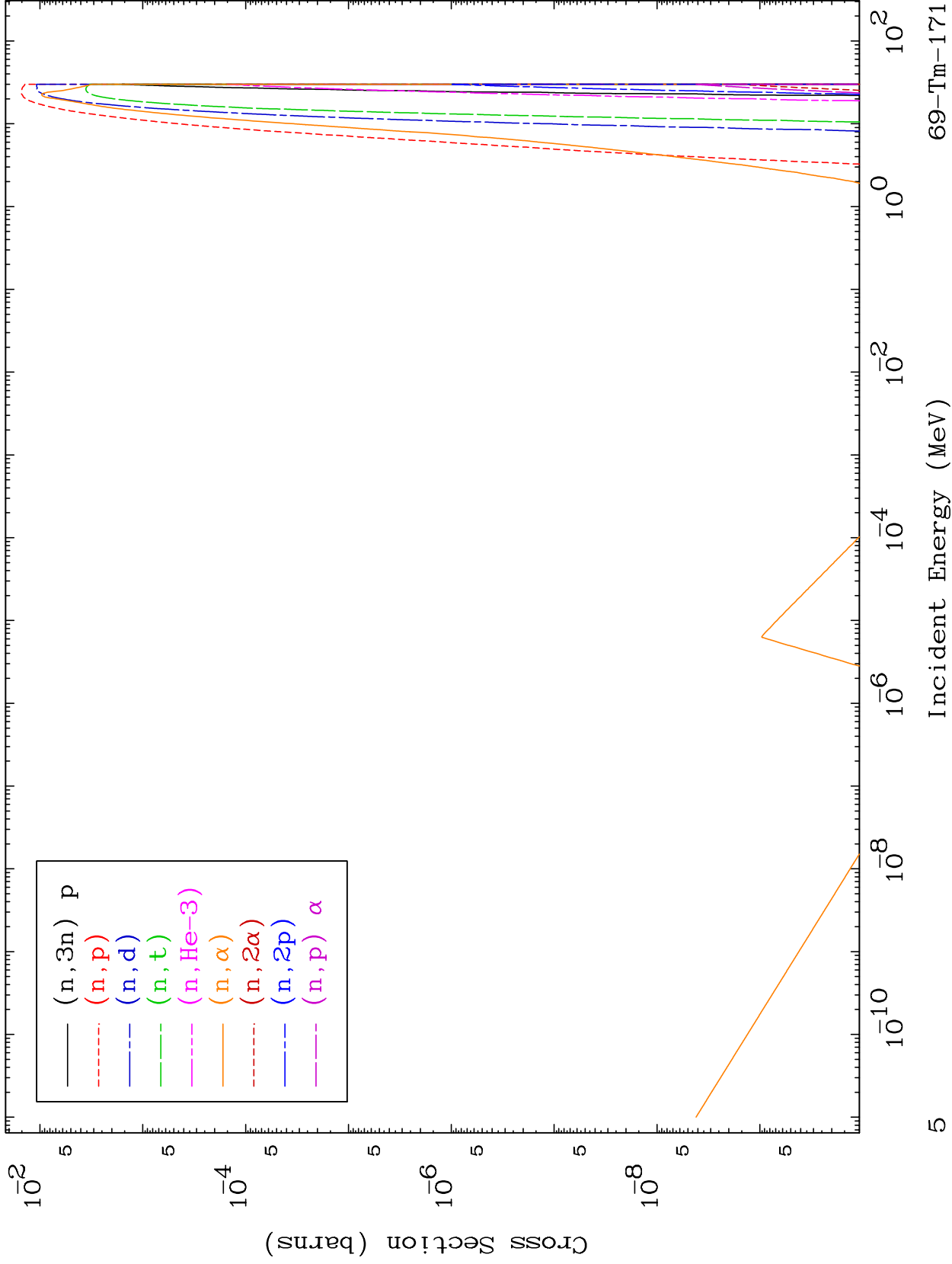
69-Tm-171

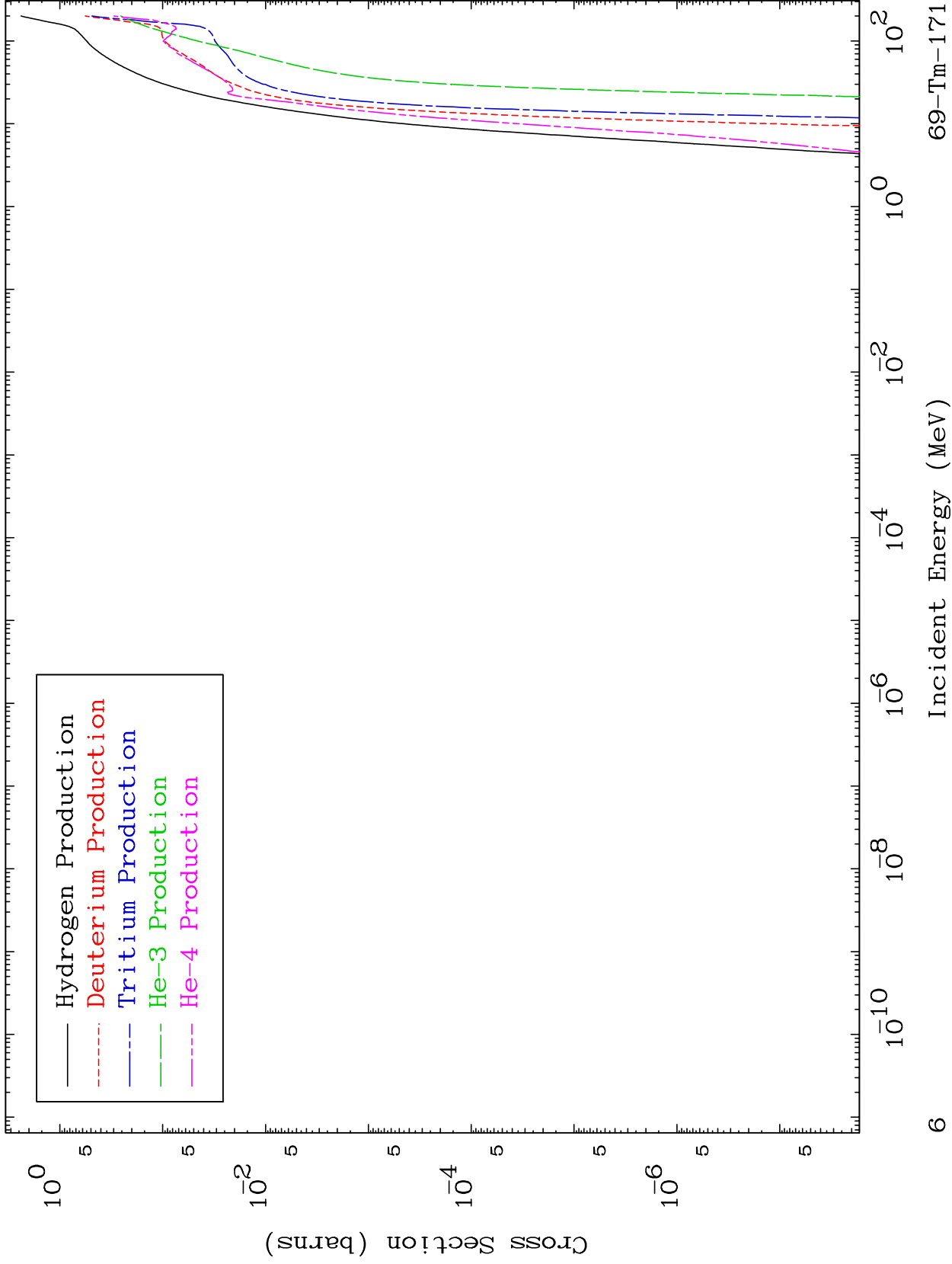


MAT 6931

Charged Particle  
293 Kelvin Cross Sections

69-Tm-171



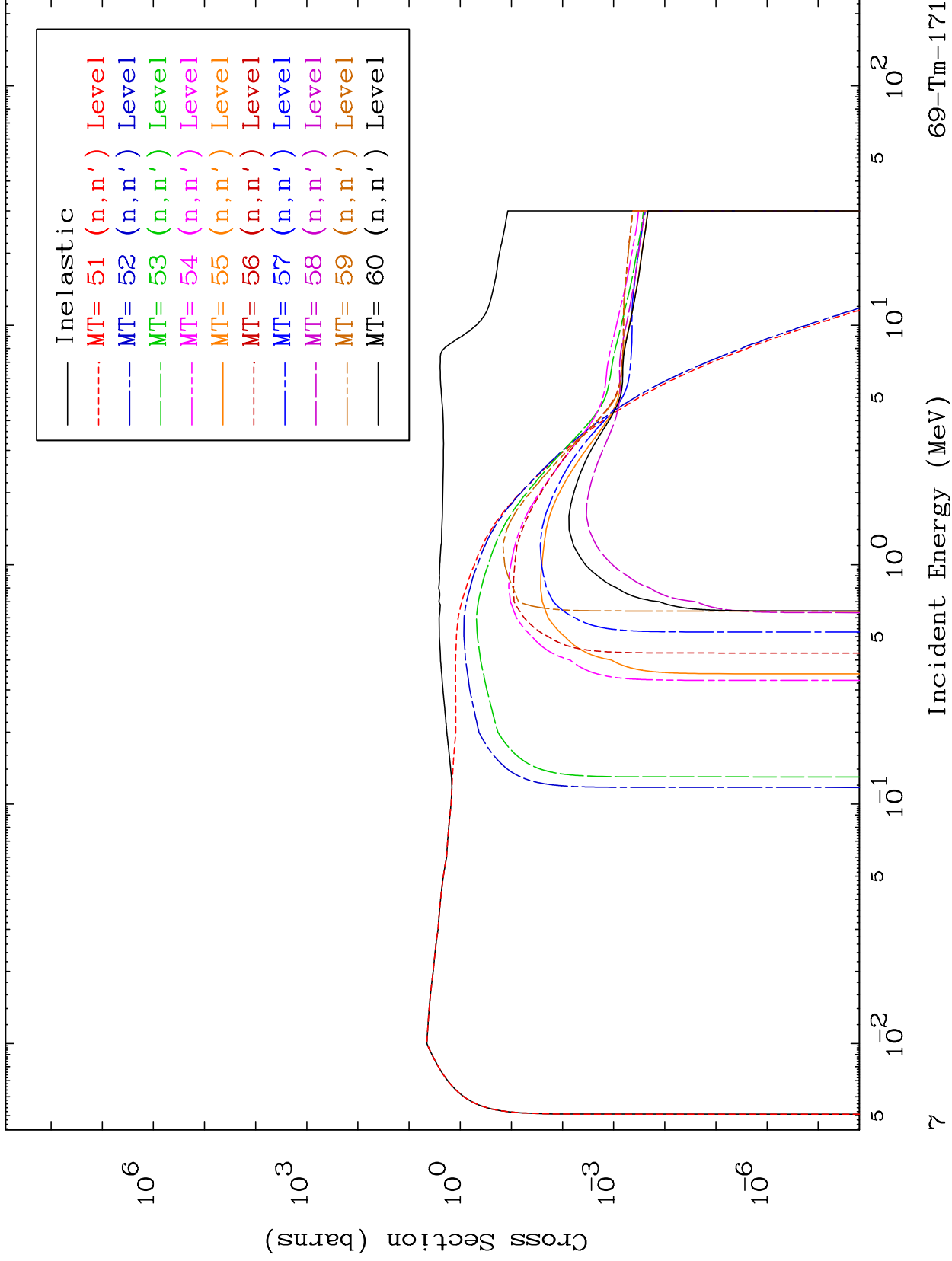


MAT 6931

(n,n') Level

69-Tm-171

293 Kelvin Cross Sections

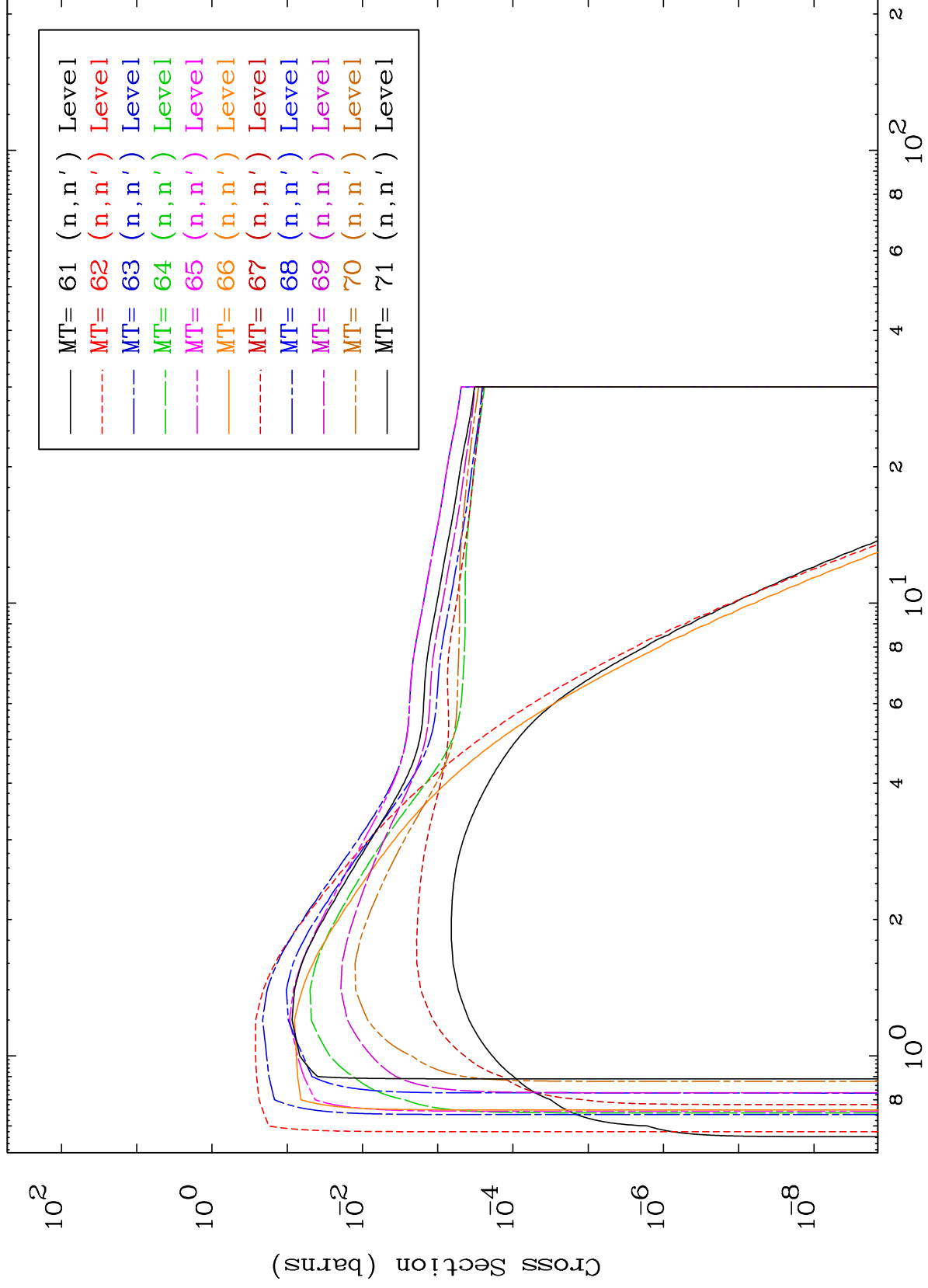


MAT 6931

(n,n') Level

69-Tm-171

293 Kelvin Cross Sections

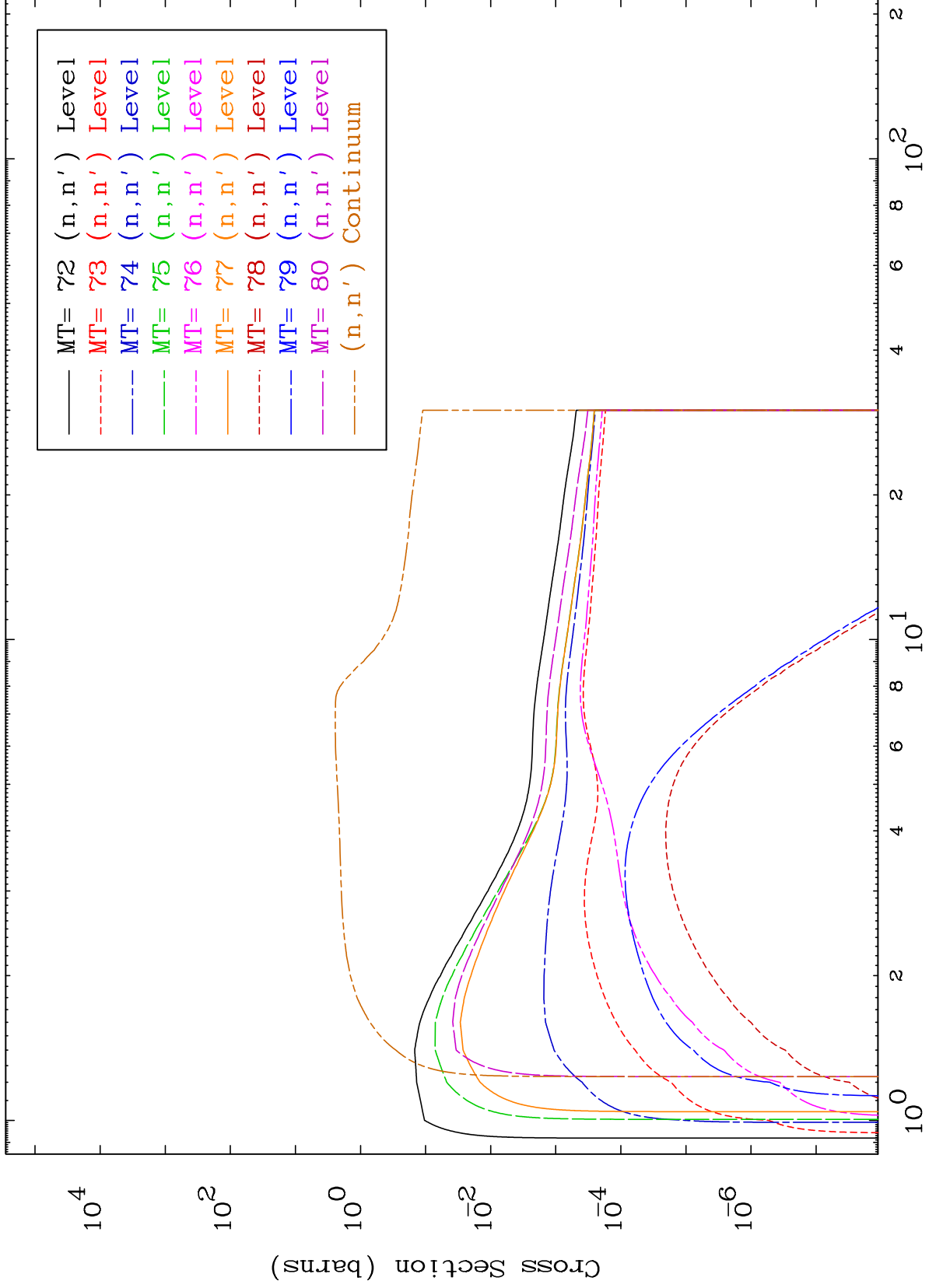


Incident Energy (MeV)

69-Tm-171

8

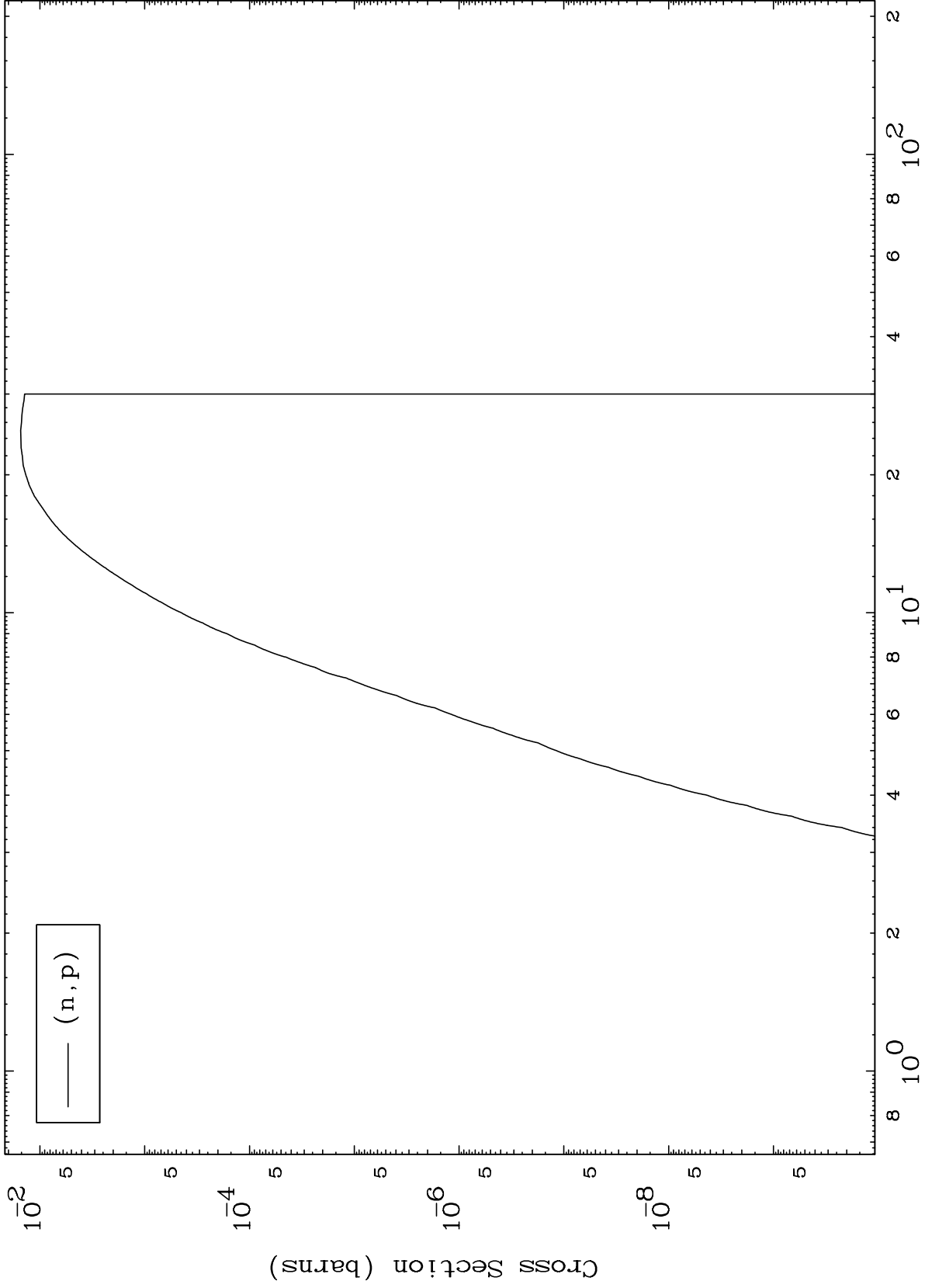
293 Kelvin Cross Sections



MAT 6931

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-171



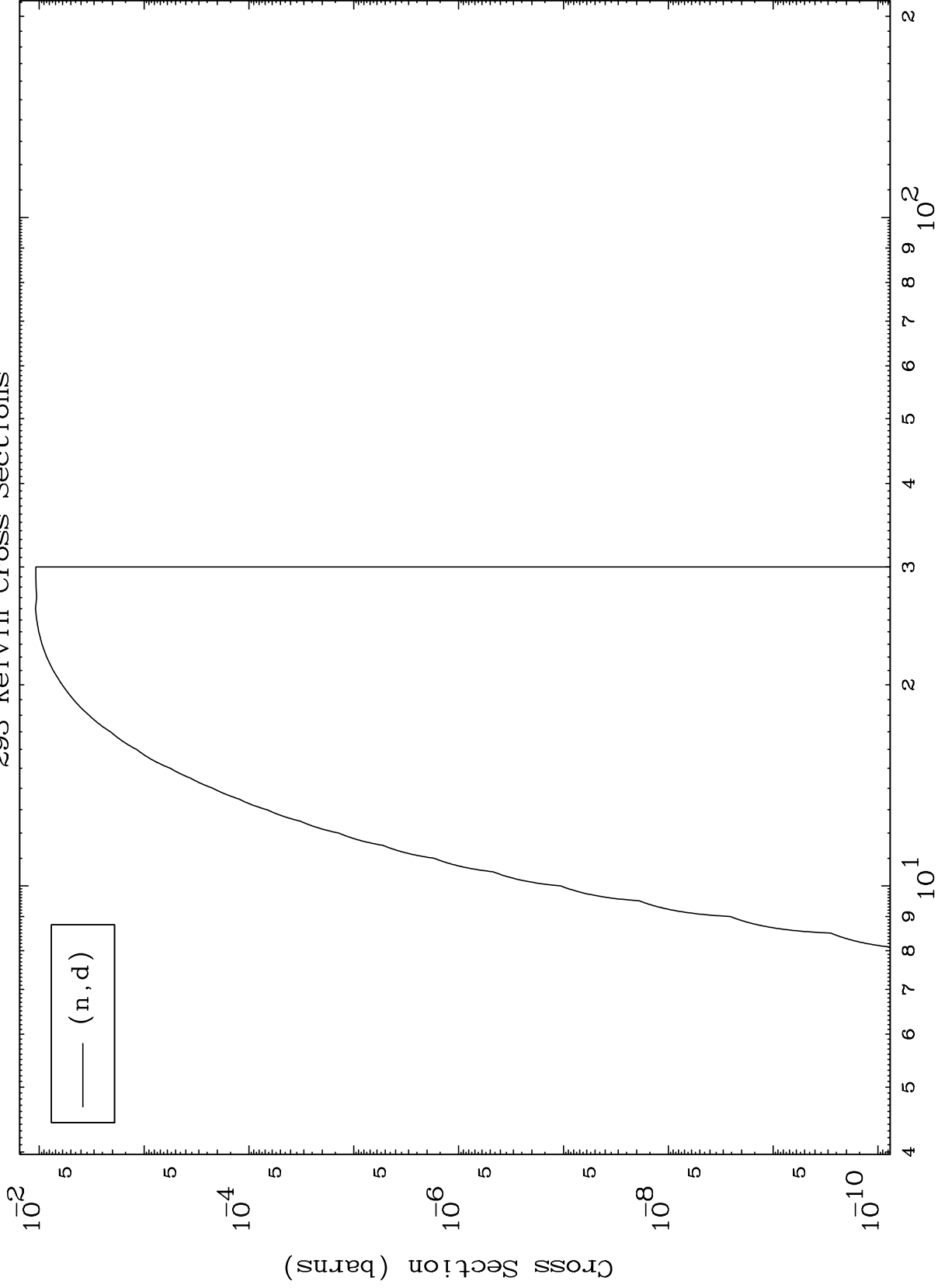
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-171



11

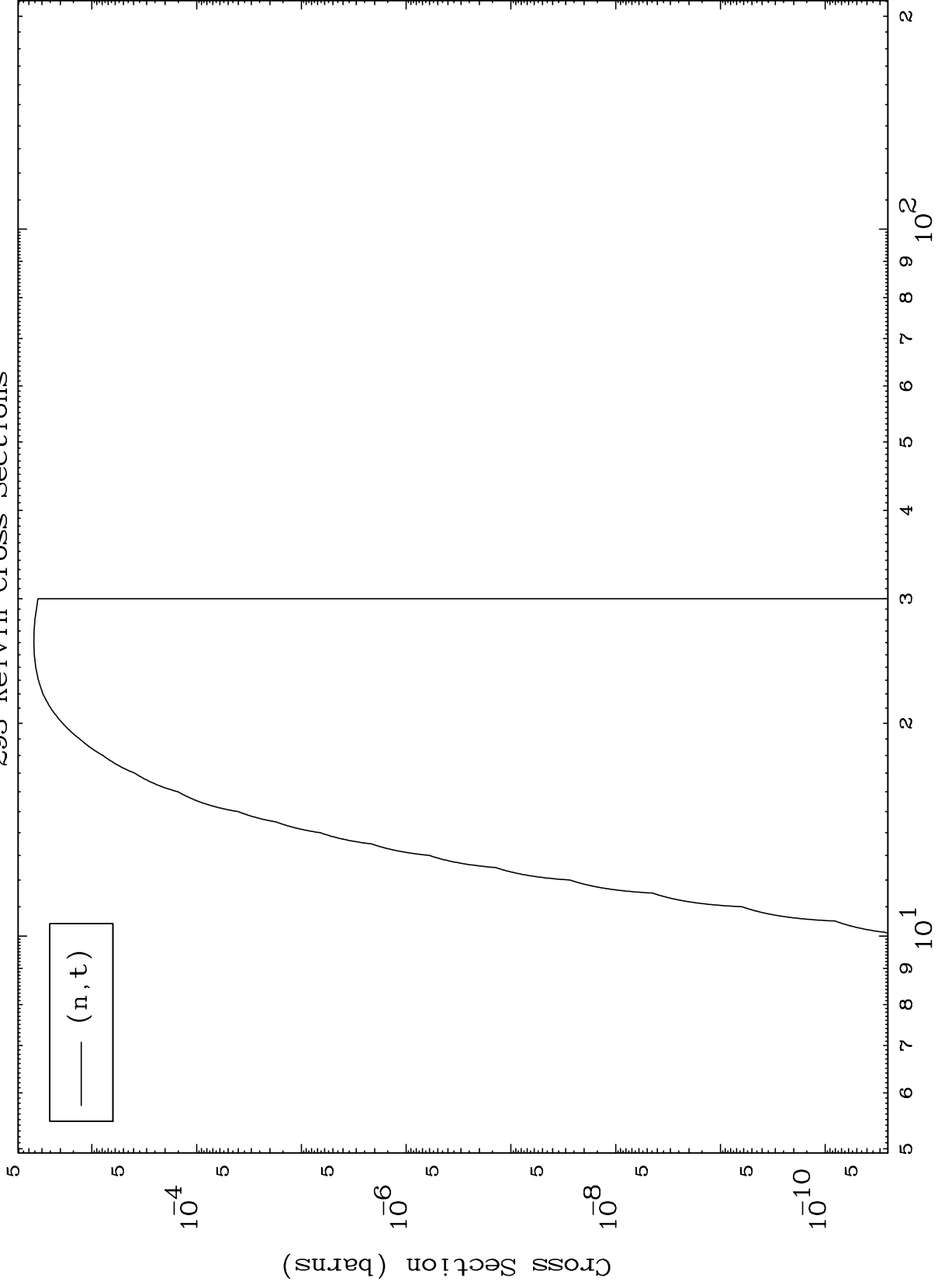
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-171



12

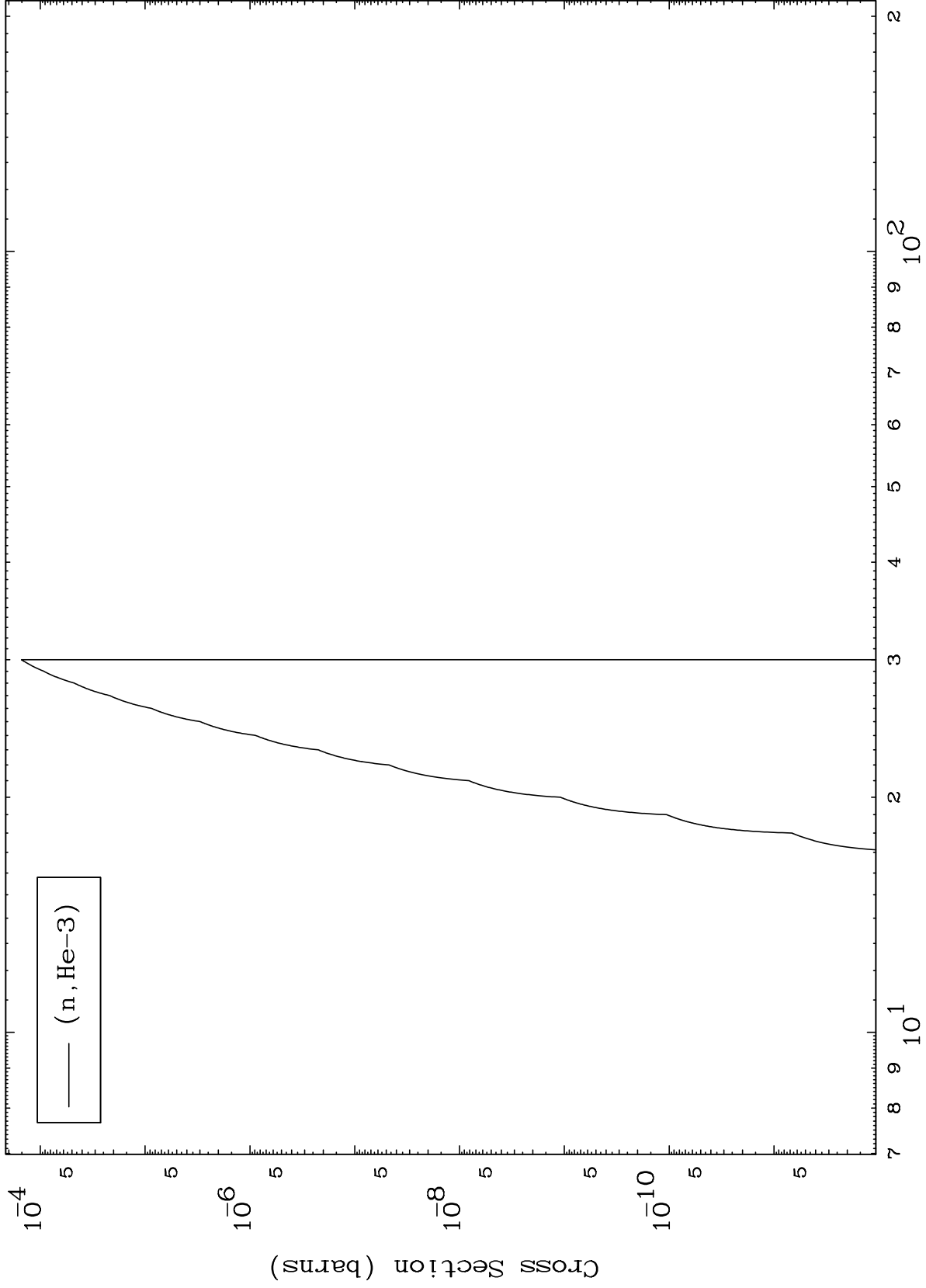
Incident Energy (MeV)

69-Tm-171

MAT 6931

(n,He3) Levels  
293 Kelvin Cross Sections

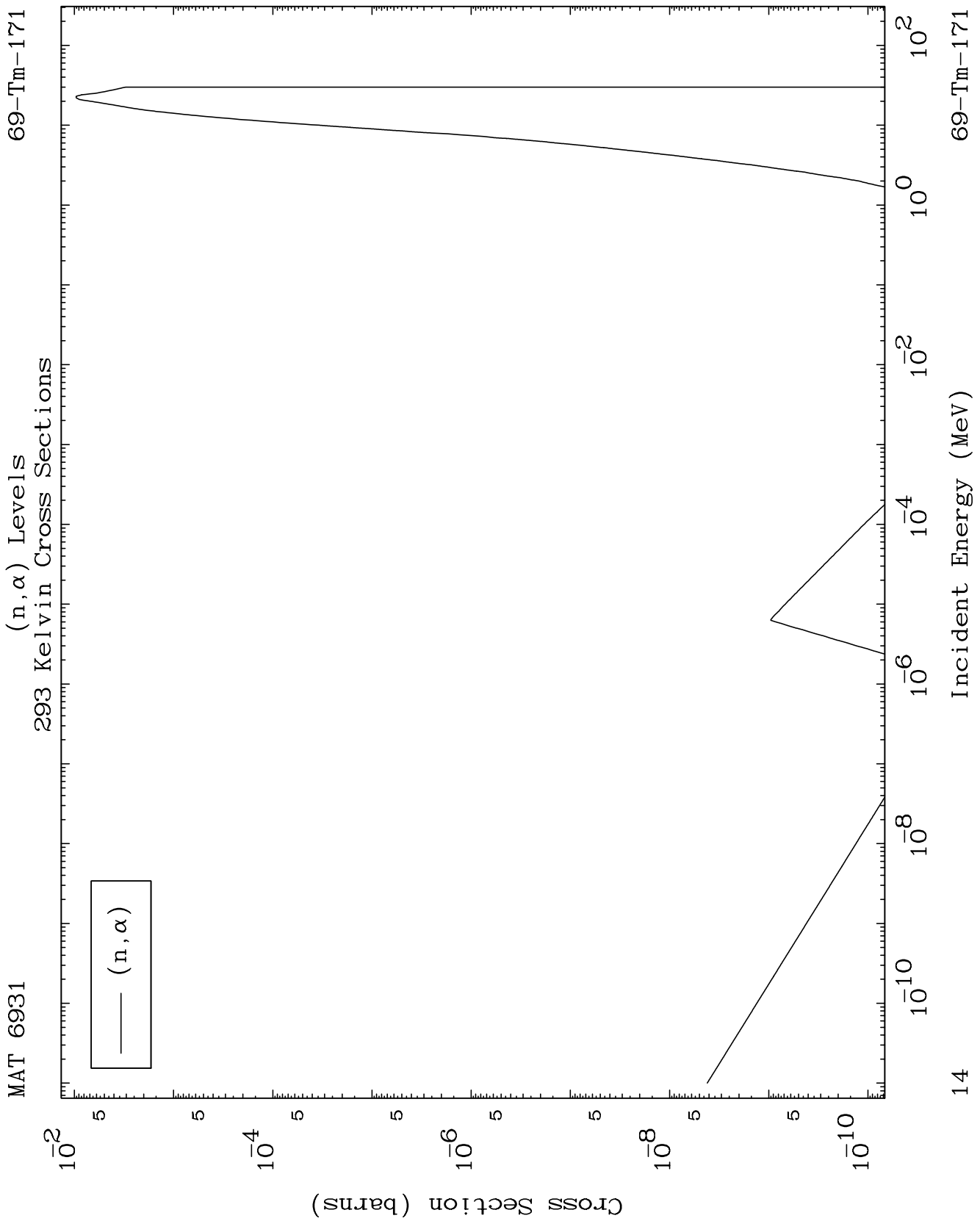
69-Tm-171

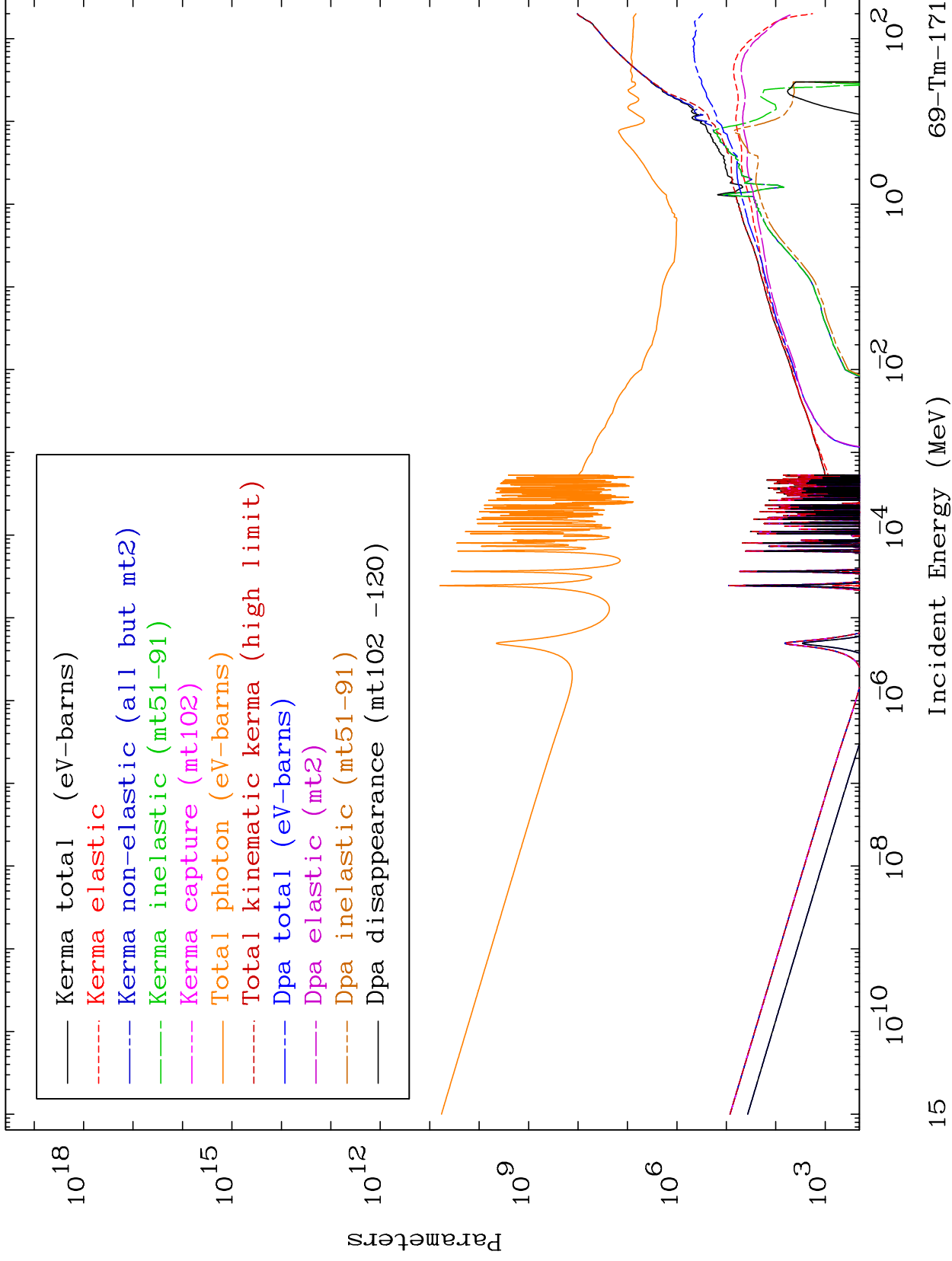


13

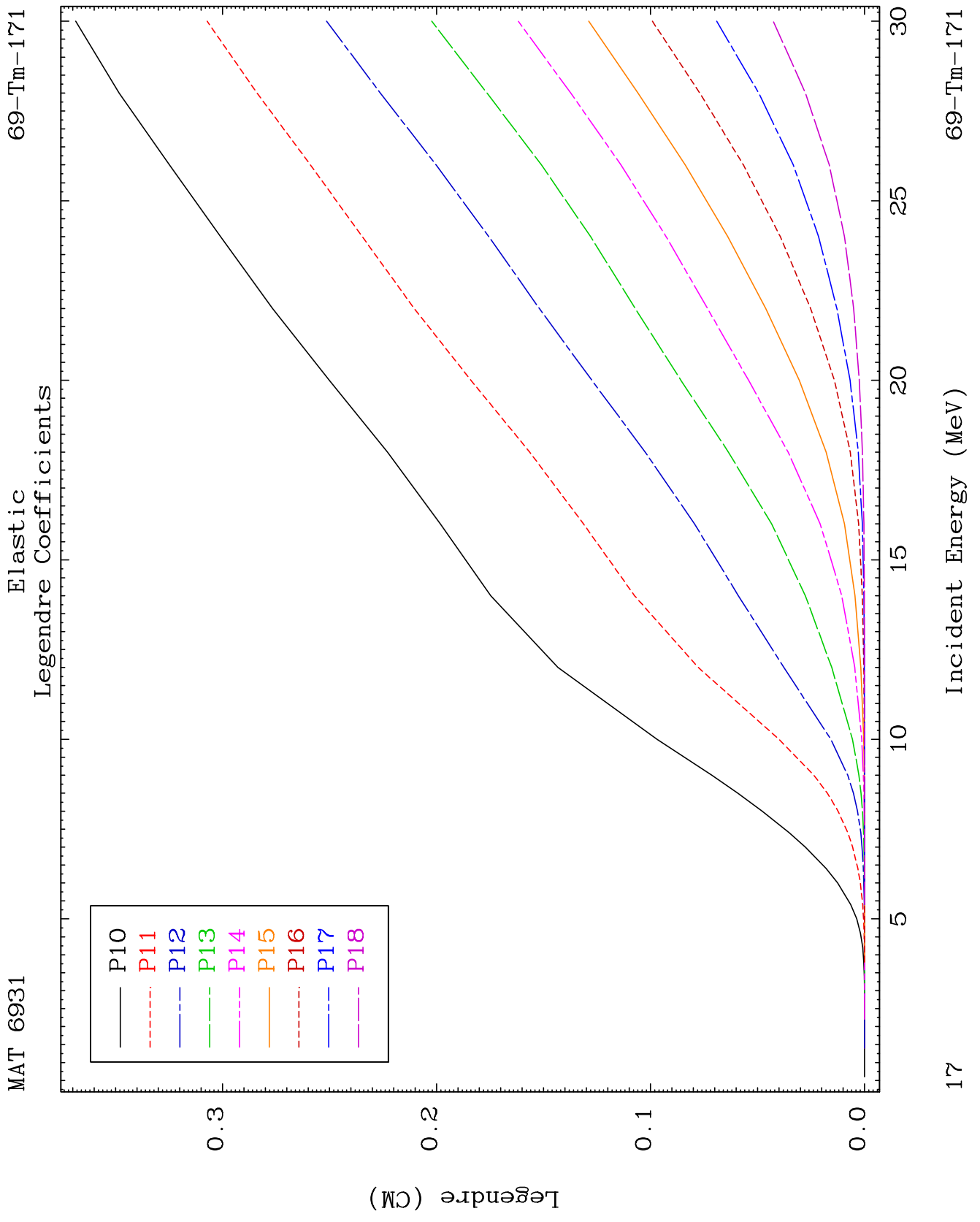
Incident Energy (MeV)

69-Tm-171









69-Tm-171

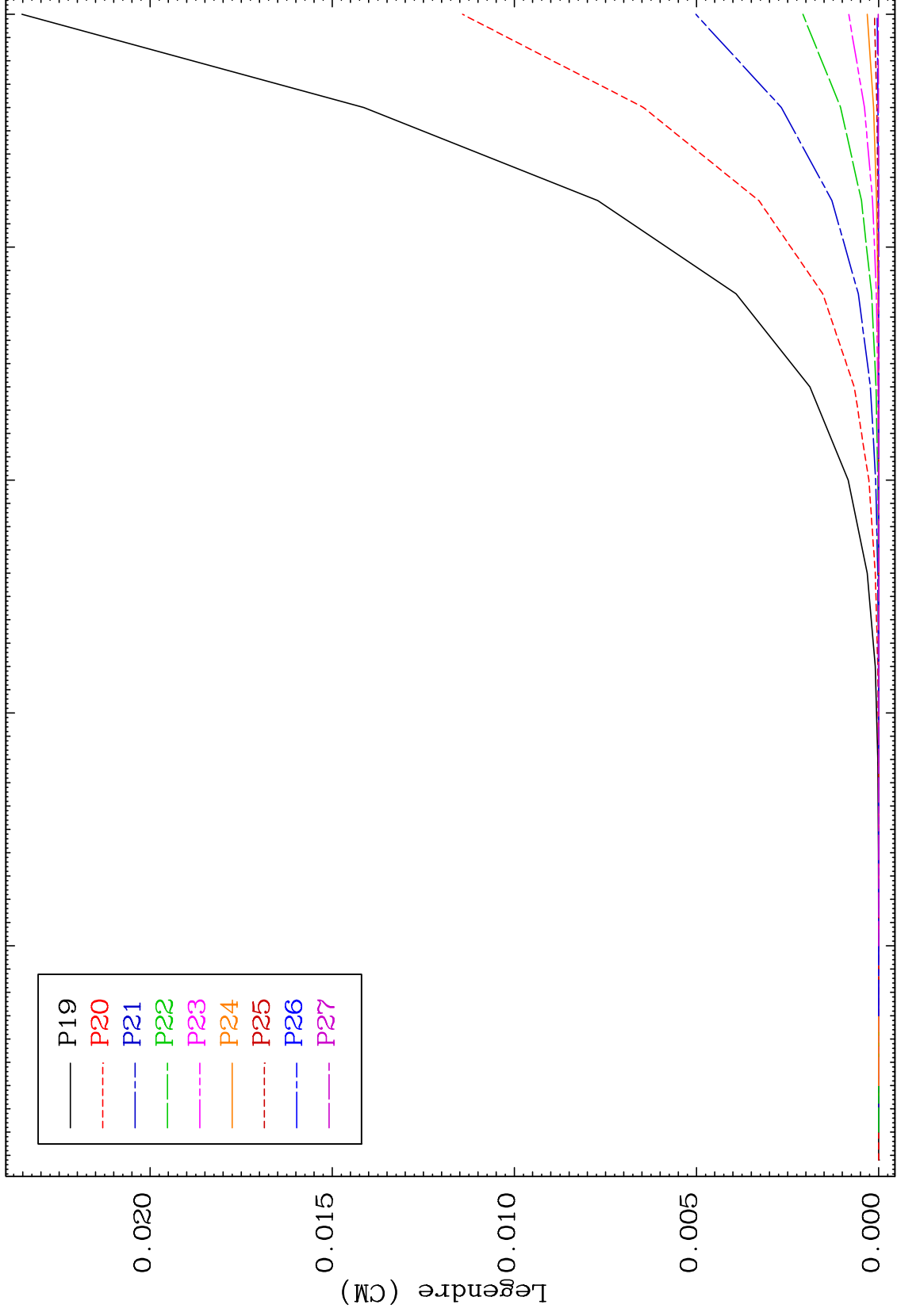
69-Tm-171

17

MAT 6931

### Elastic Legendre Coefficients

69-Tm-171



18

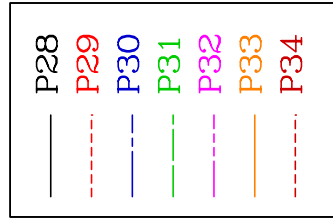
Incident Energy (MeV)

69-Tm-171

MAT 6931

Elastic  
Legendre Coefficients

69-Tm-171



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

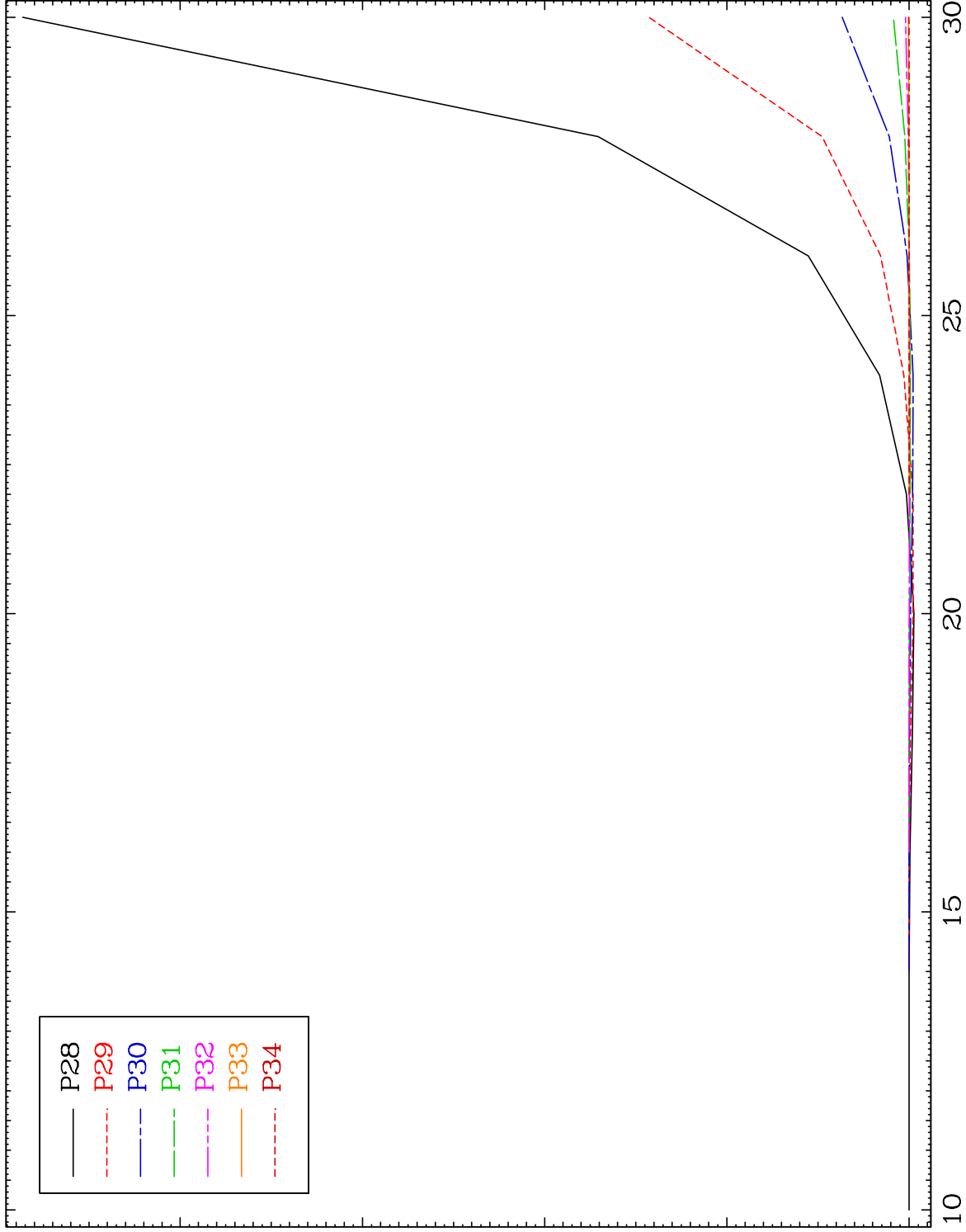
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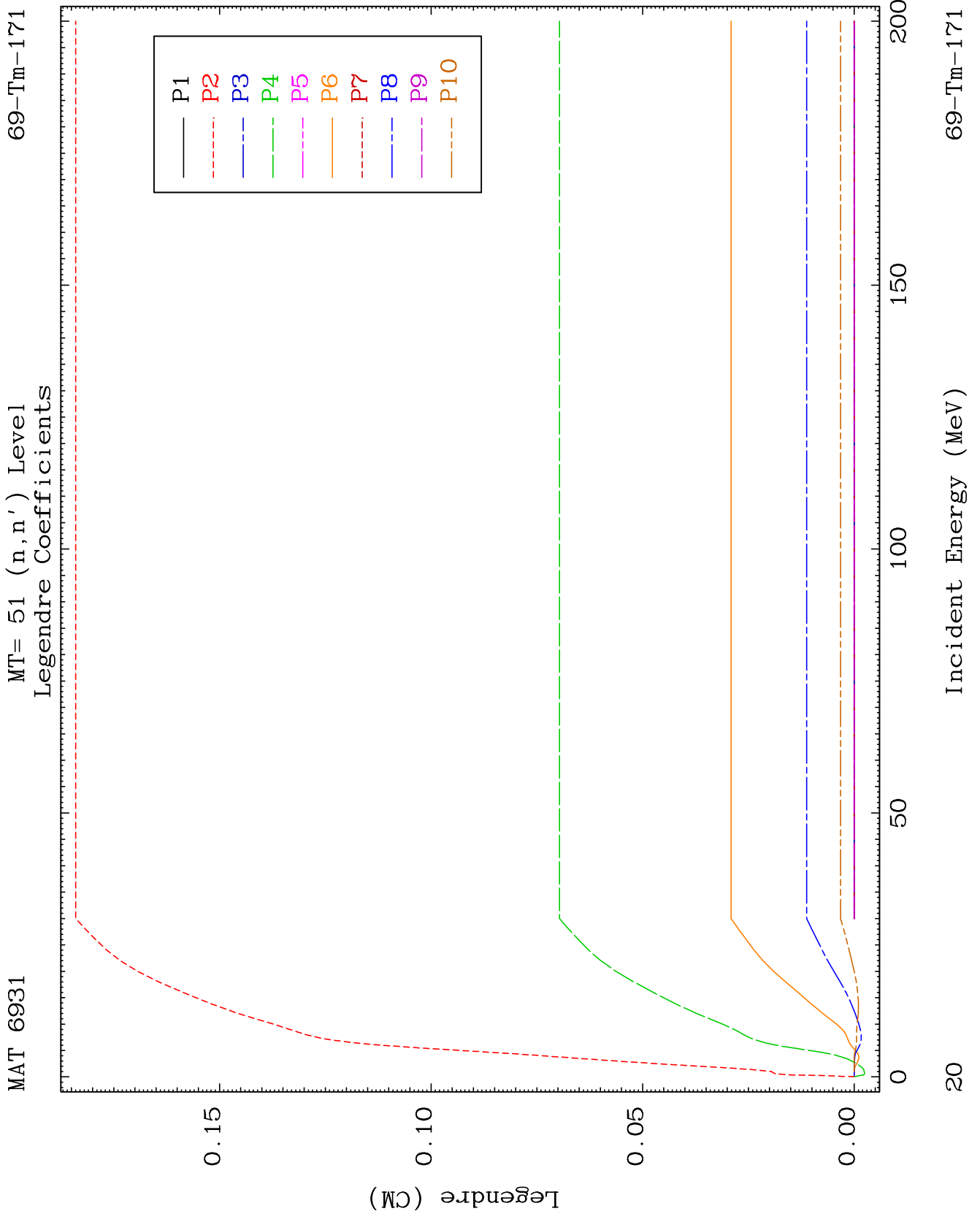
30

19

Incident Energy (MeV)

69-Tm-171

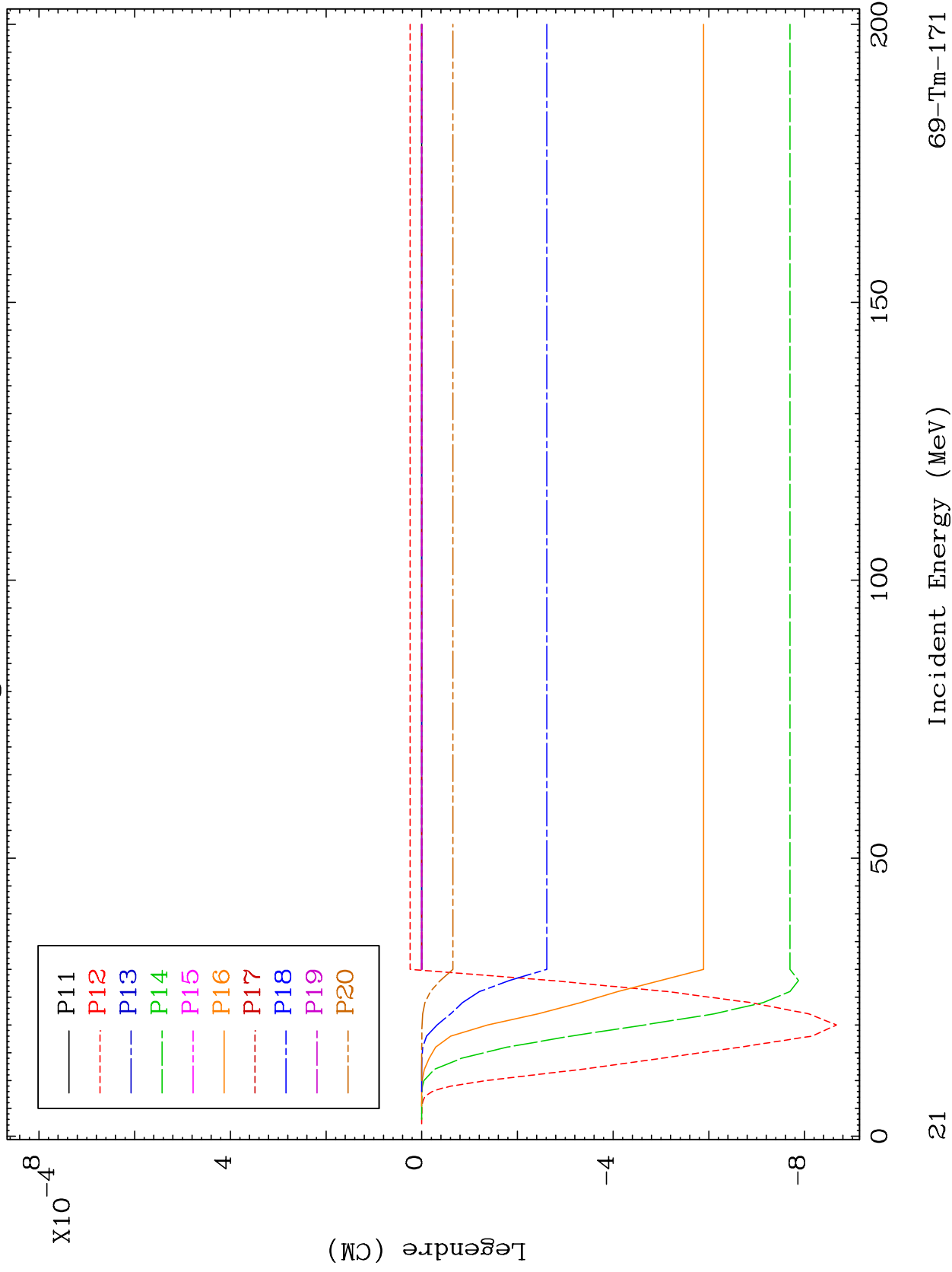




MAT 6931

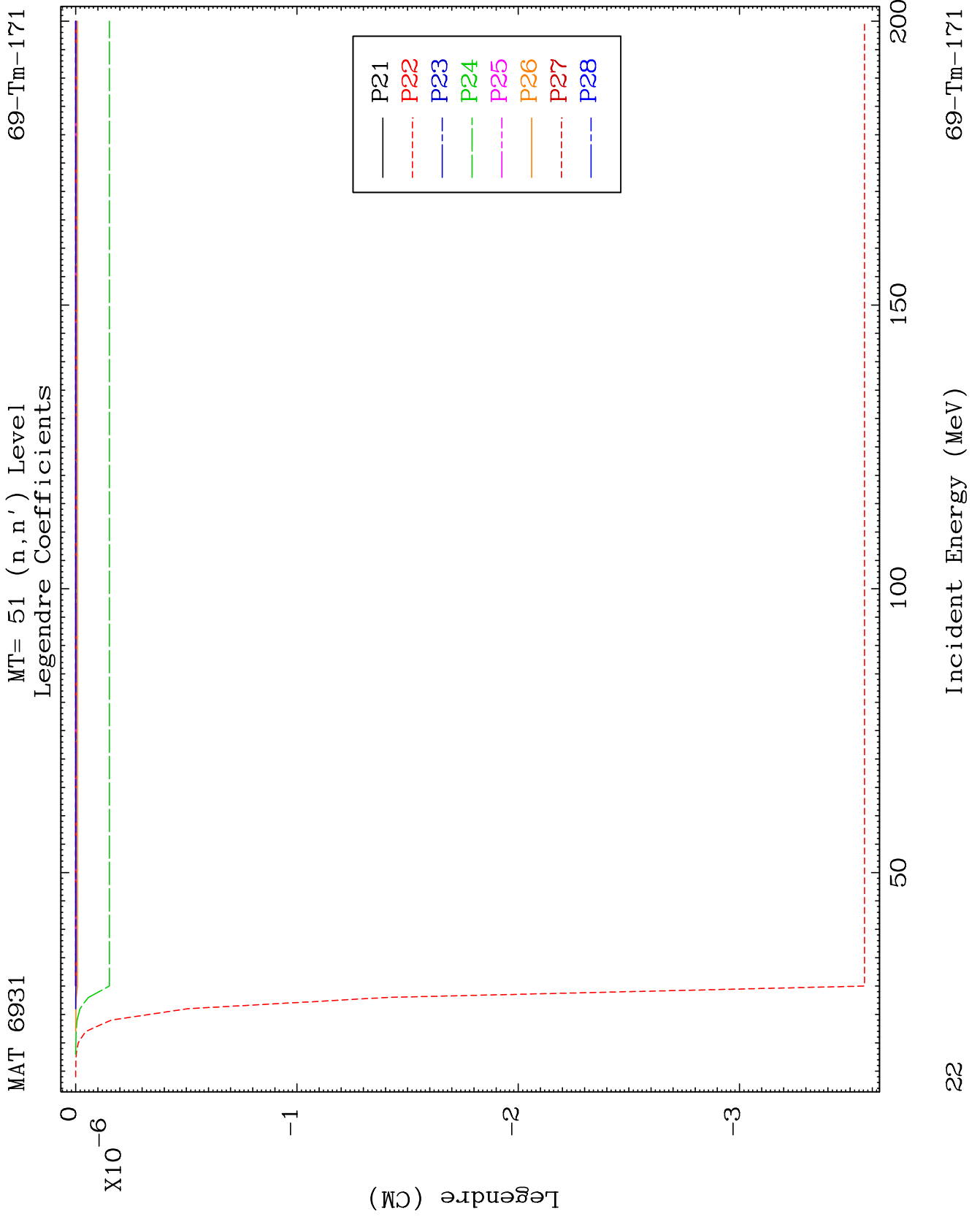
MT= 51 (n,n') Level  
Legendre Coefficients

69-Tm-171



21

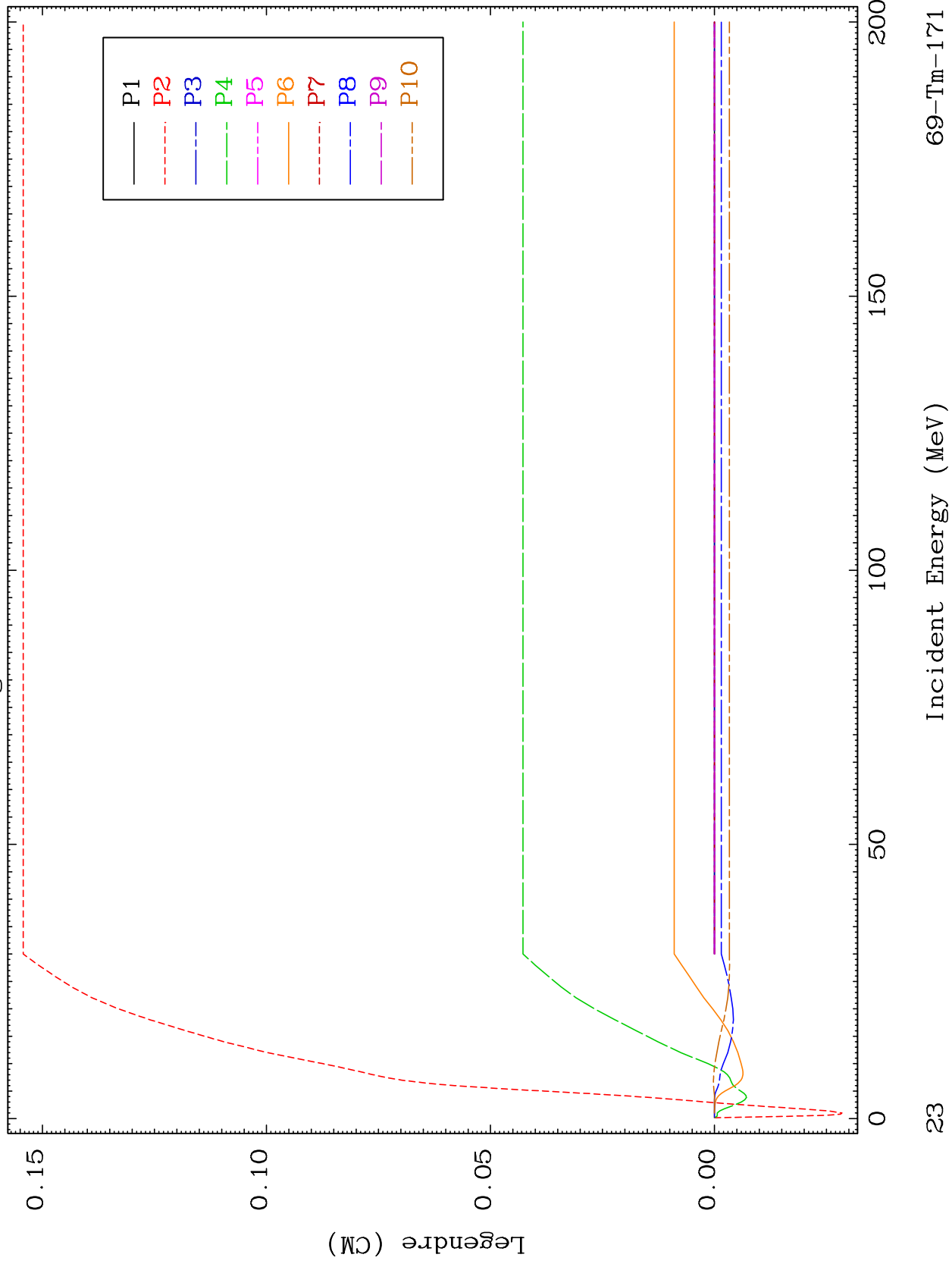
69-Tm-171



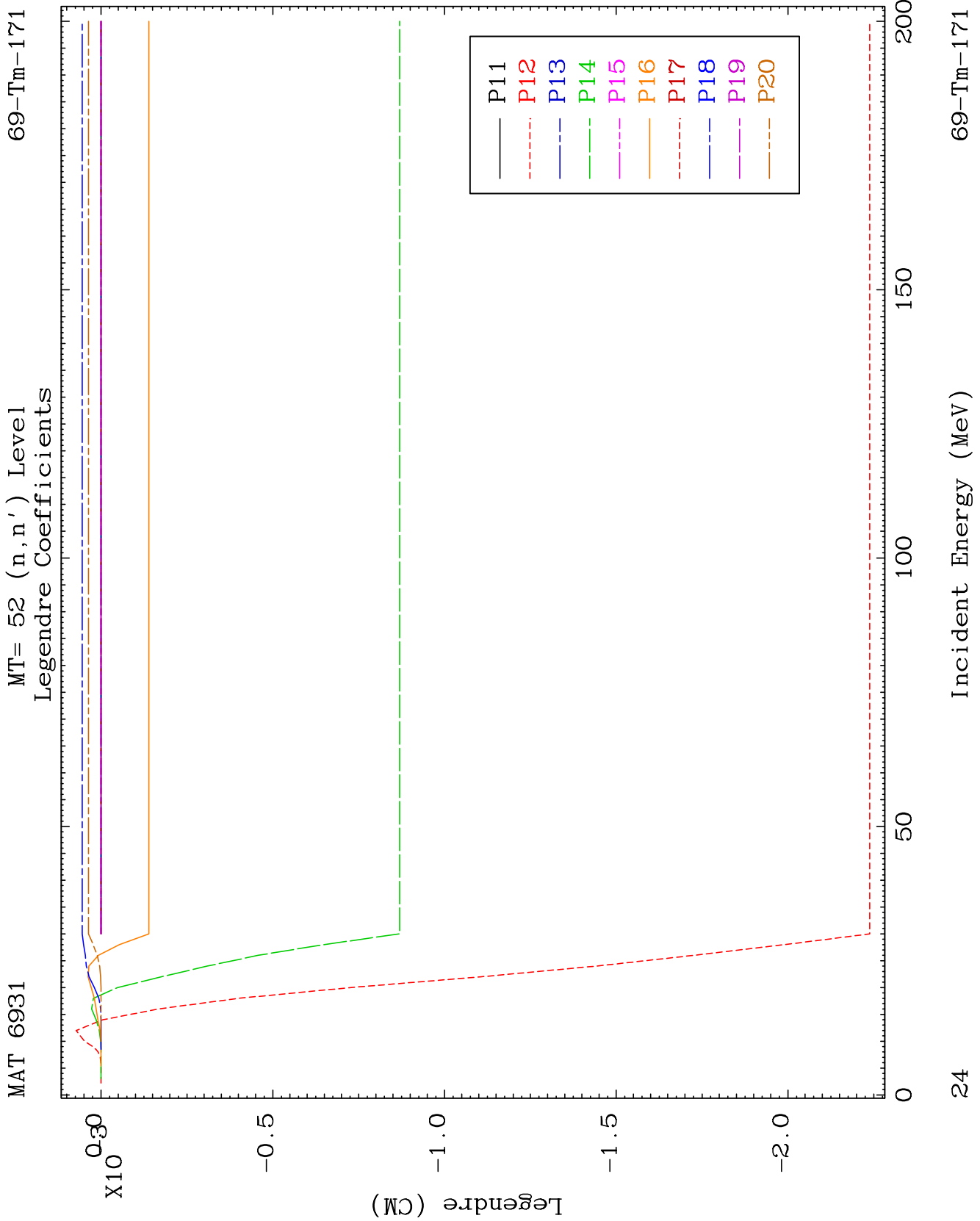
MAT 6931

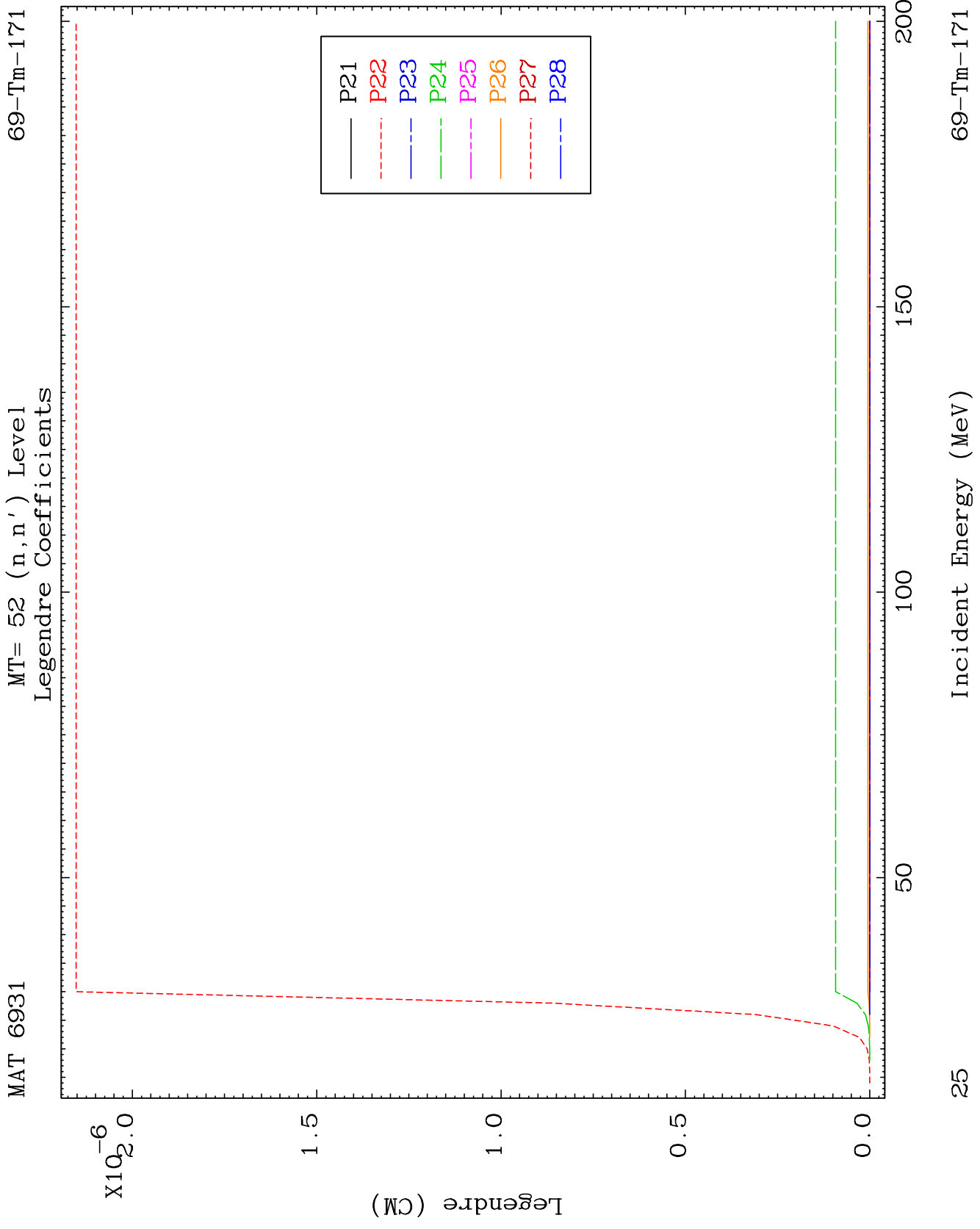
MT= 52 (n,n') Level  
Legendre Coefficients

69-Tm-171



23

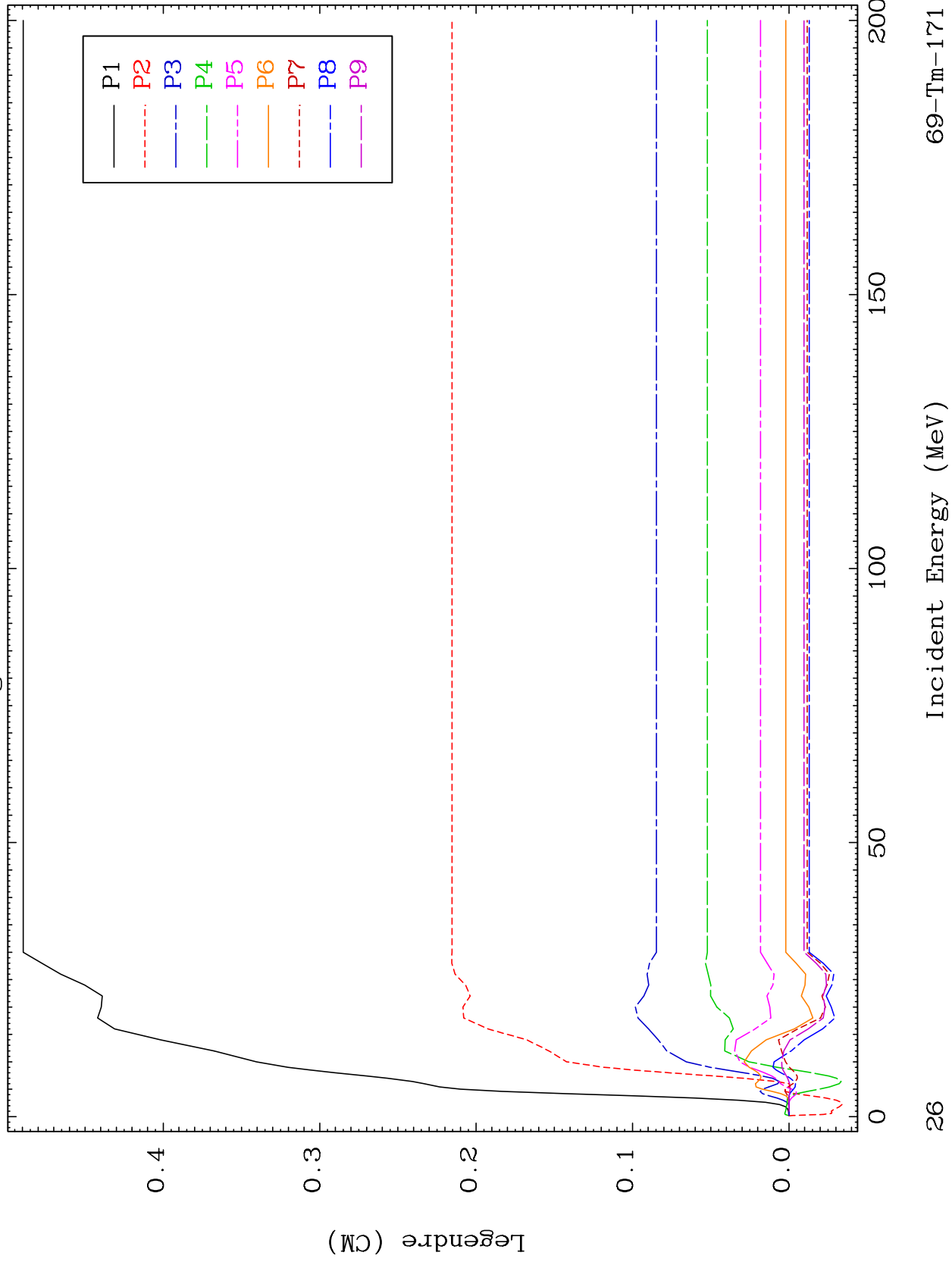




MAT 6931

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

69-Tm-171



26

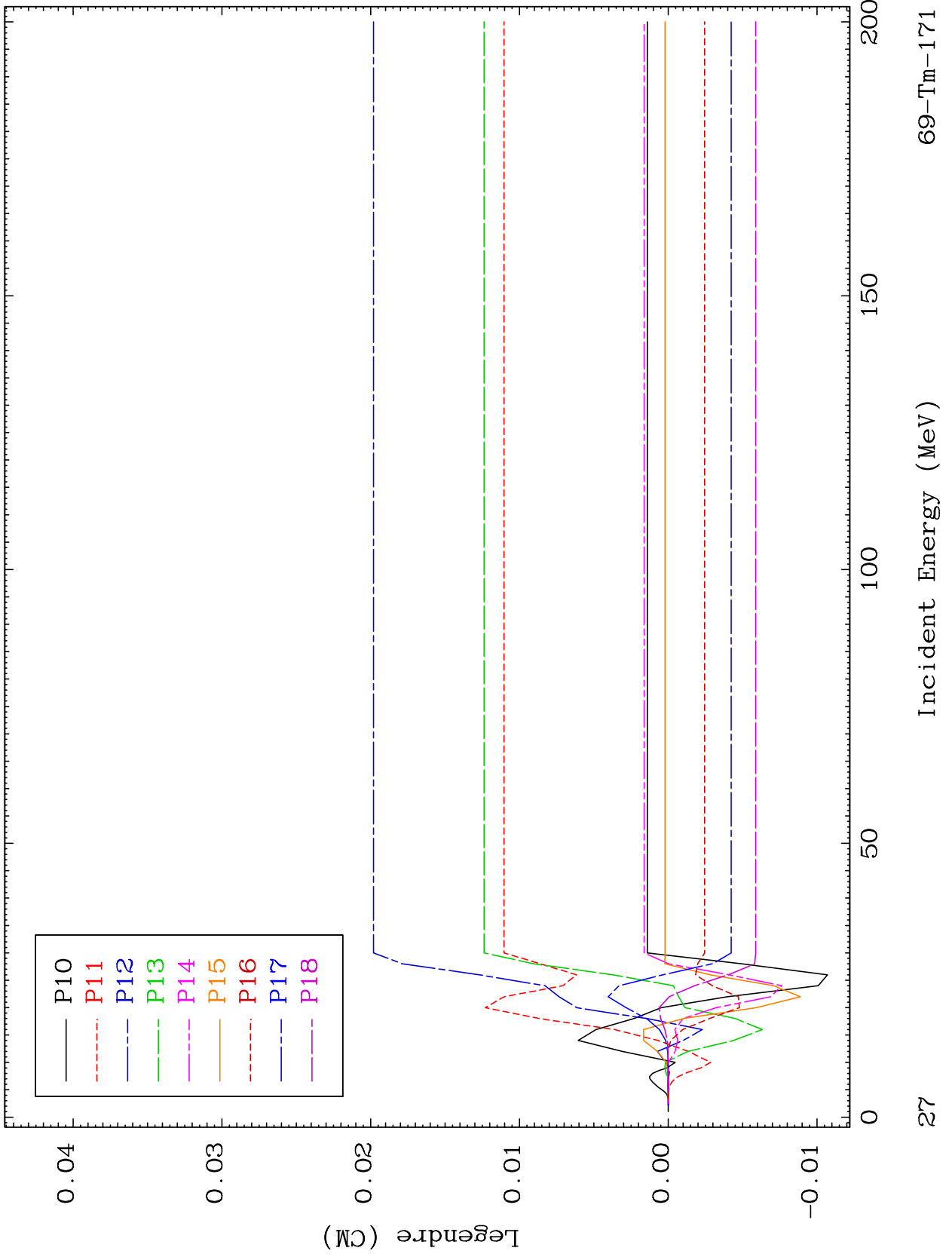
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

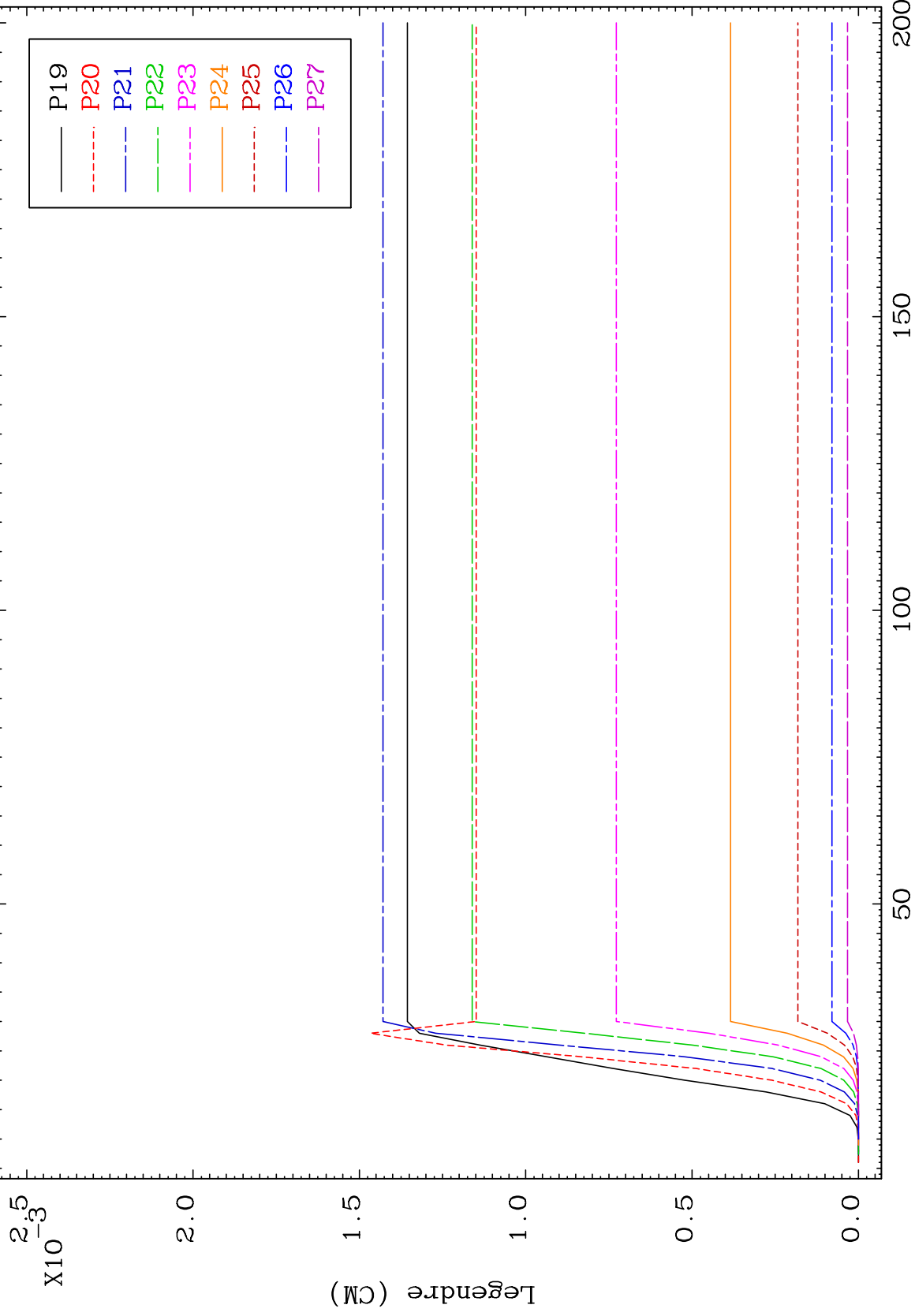
69-Tm-171



MAT 6931

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

69-Tm-171



28

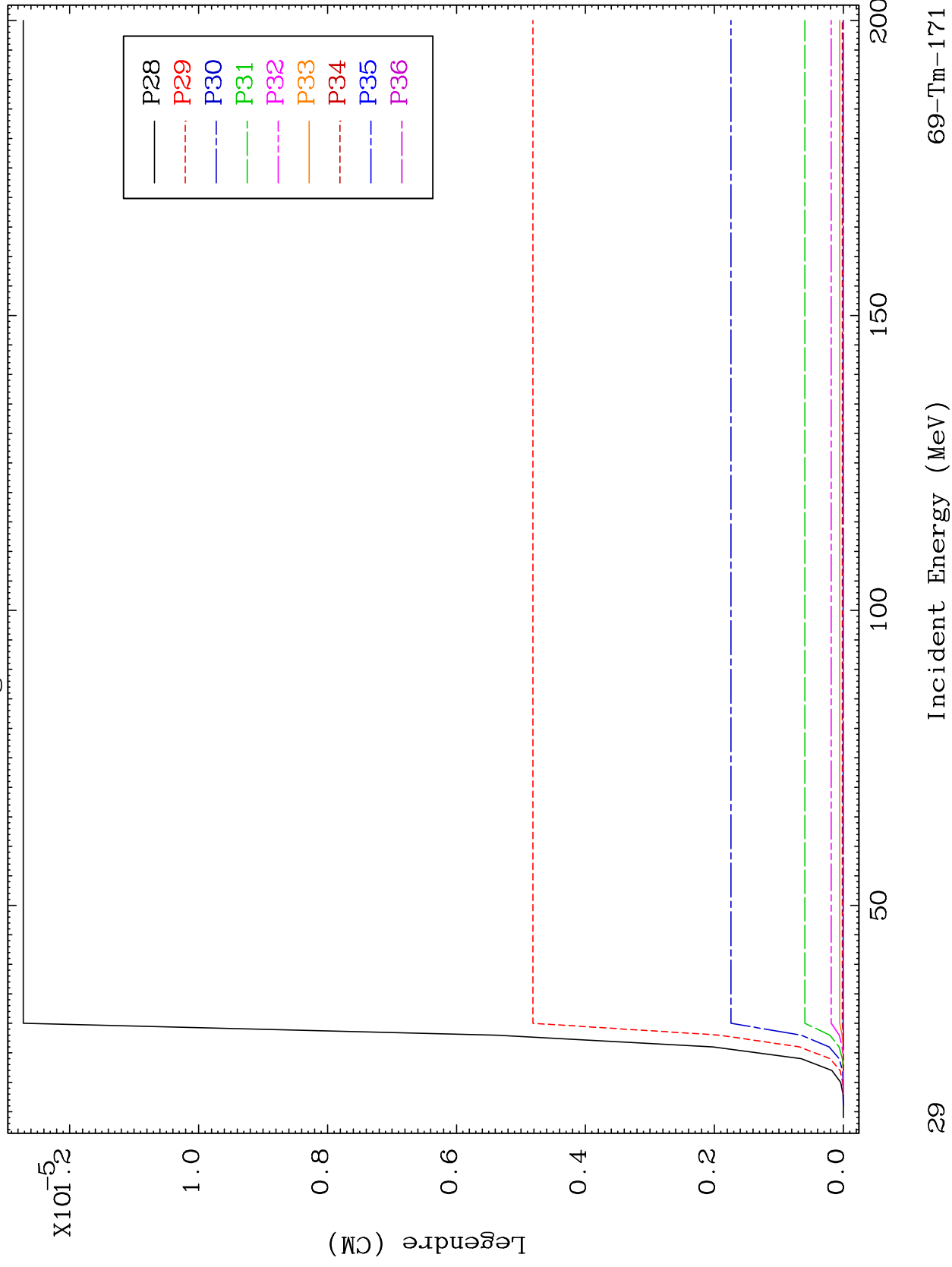
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



29

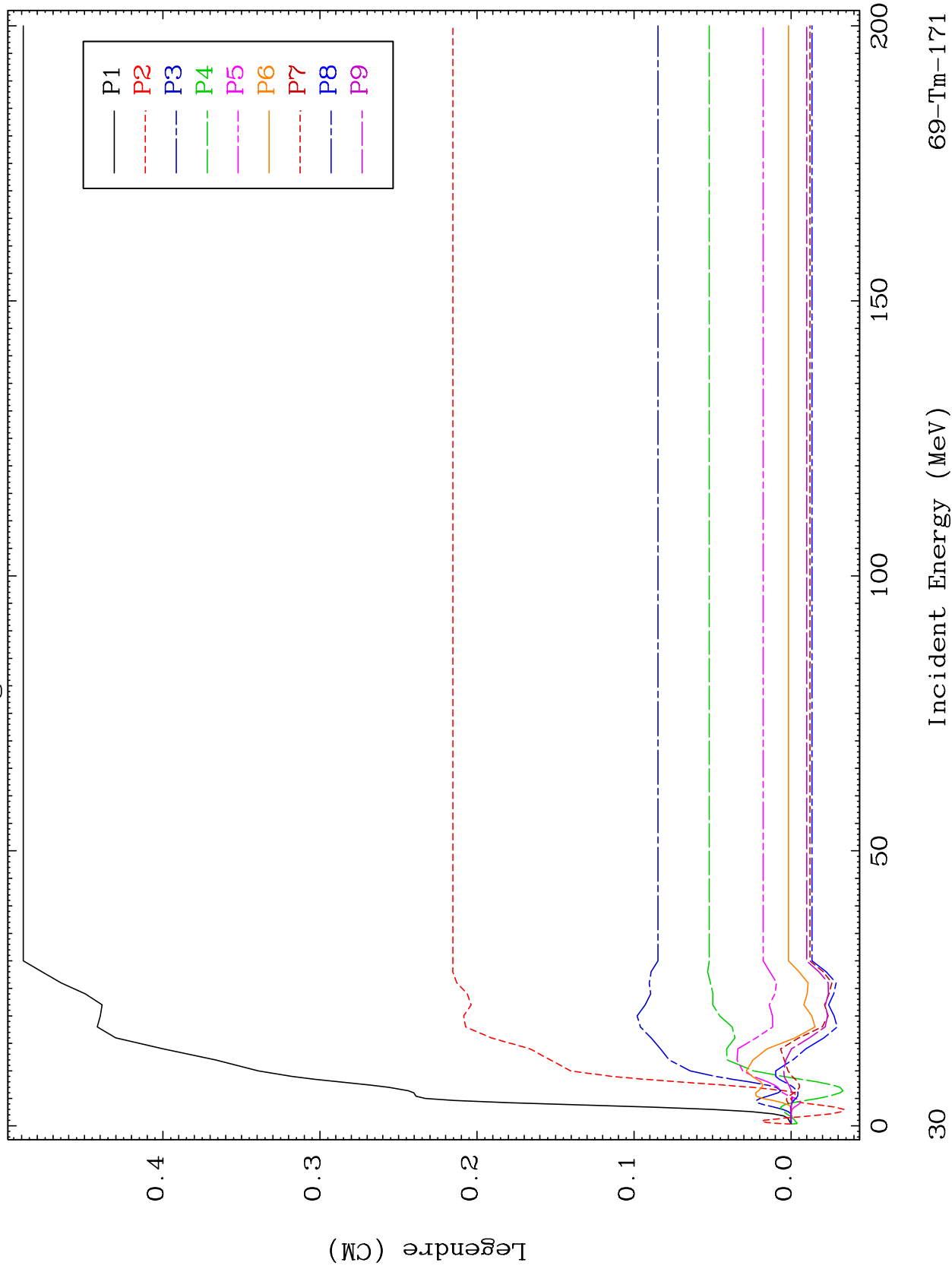
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

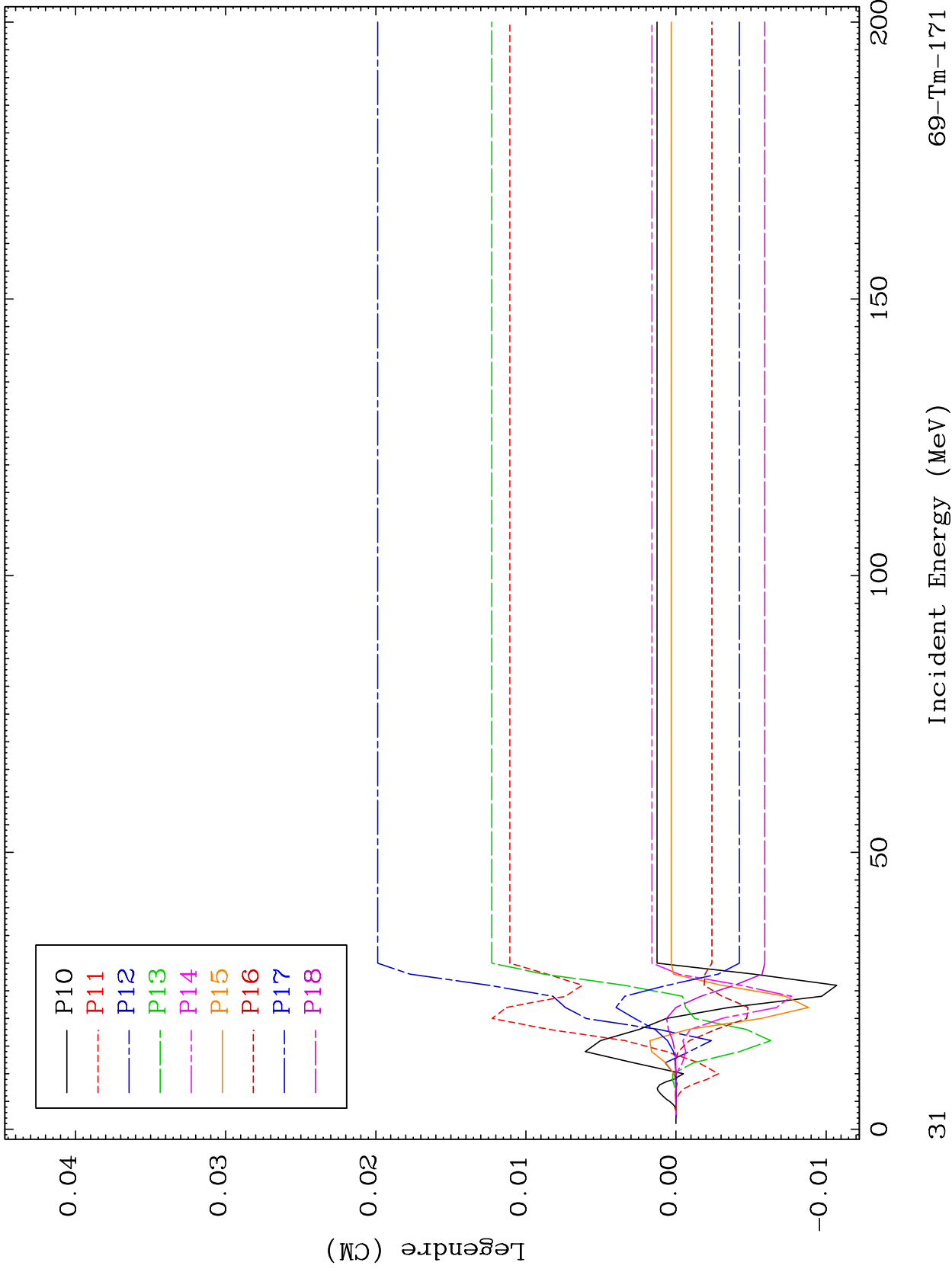
69-Tm-171



69-Tm-171

Incident Energy (MeV)

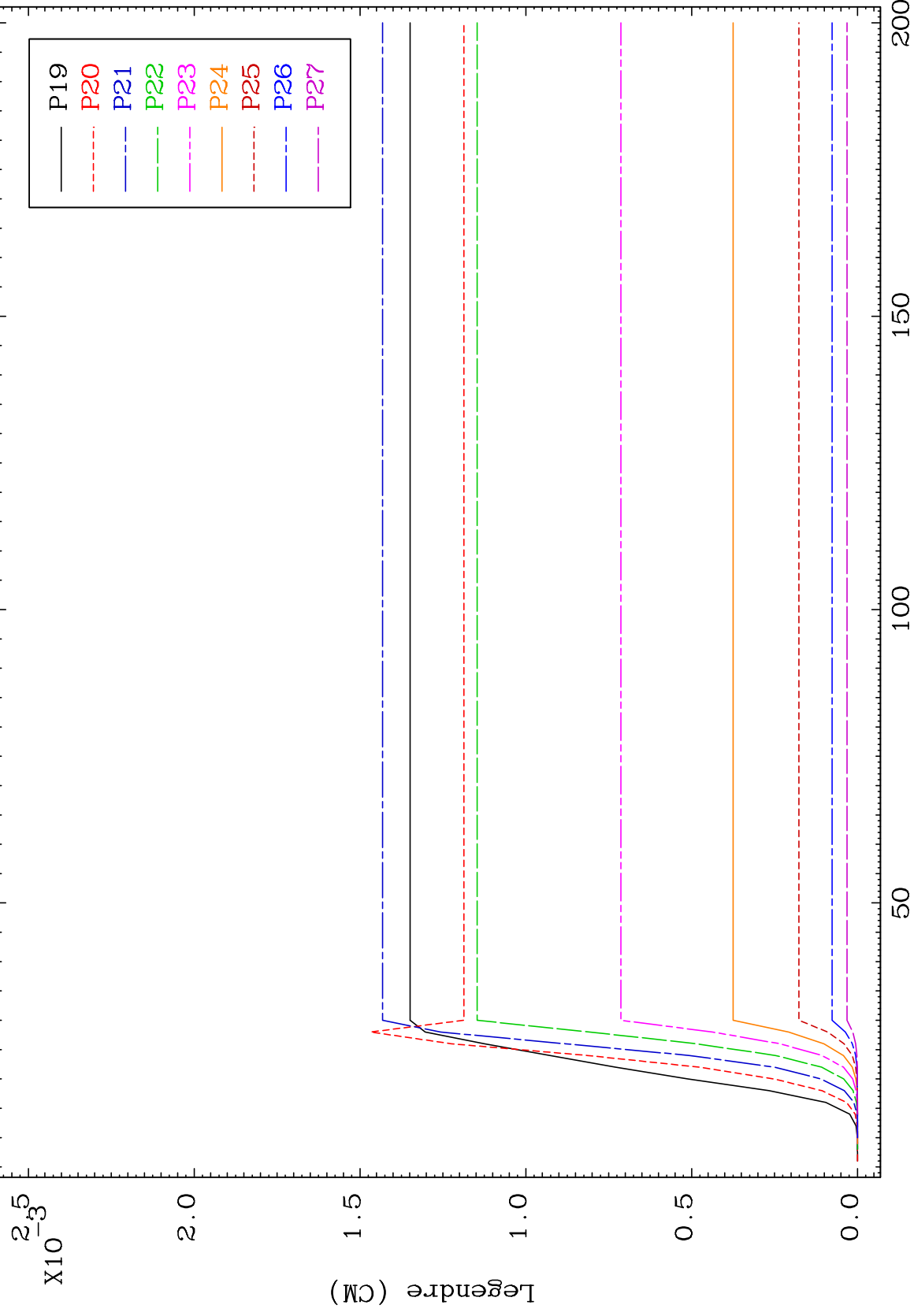
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MAT 6931

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

69-Tm-171



32

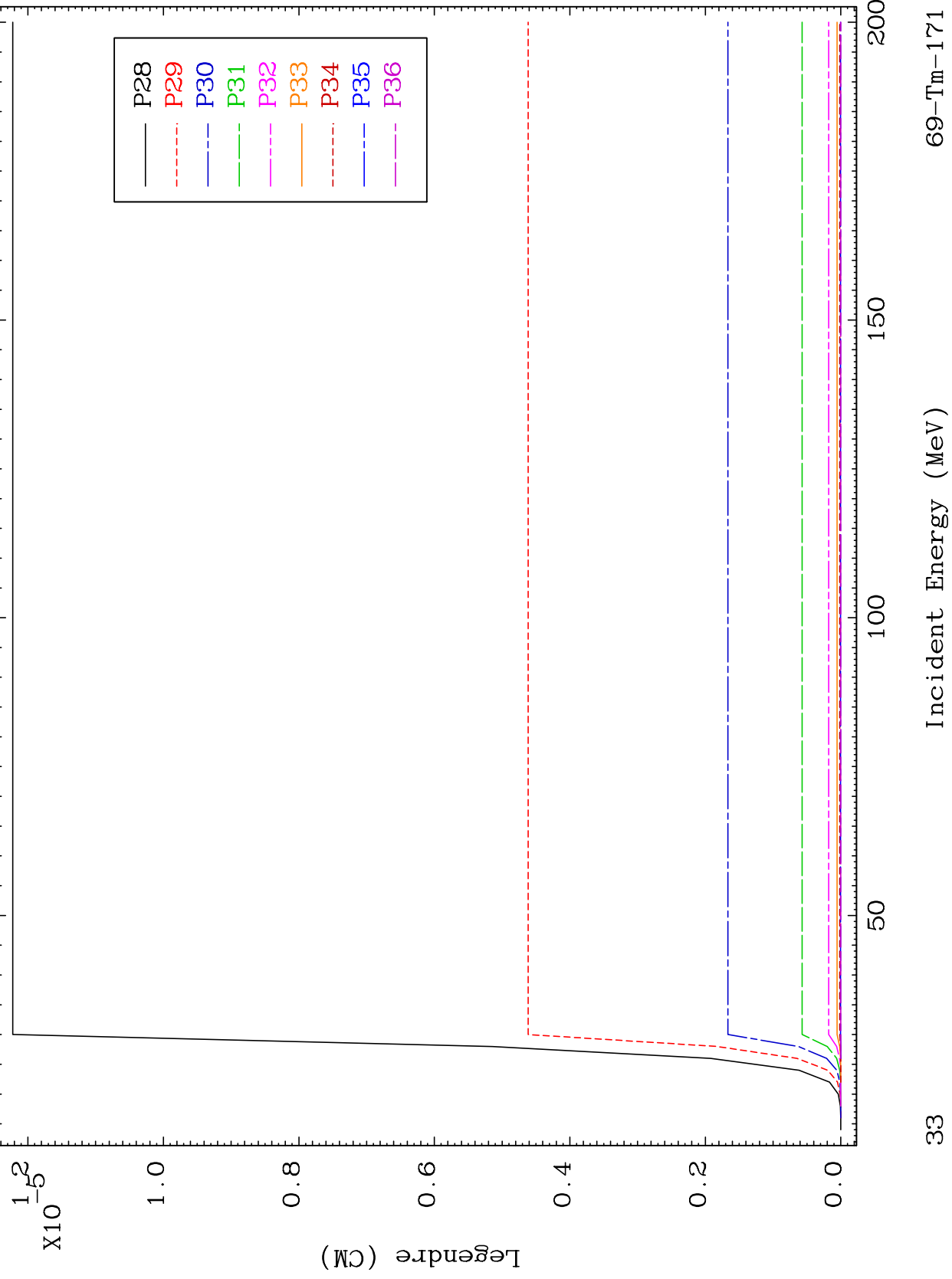
69-Tm-171

69-Tm-171

MAT 6931

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

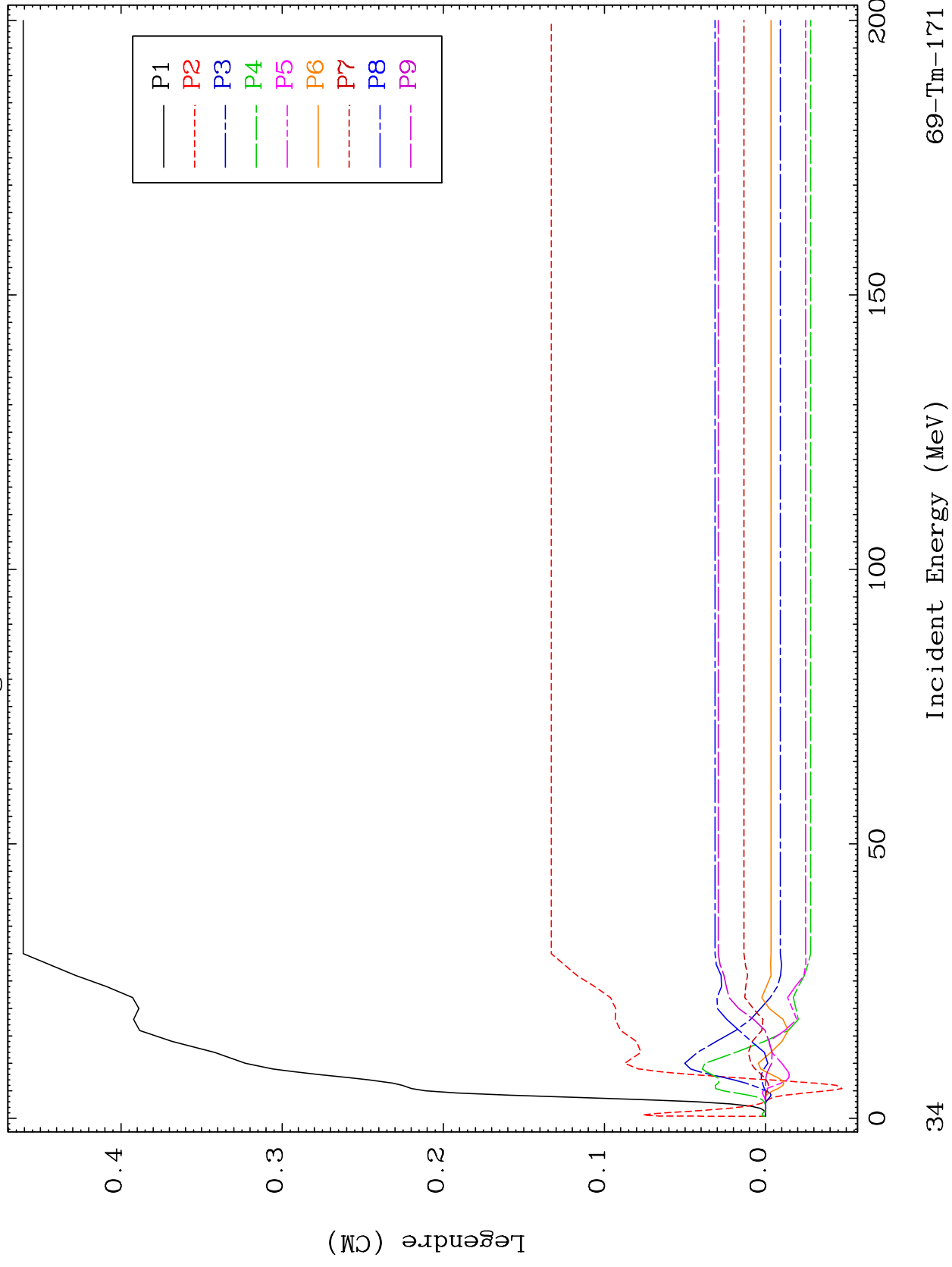
69-Tm-171



MAT 6931

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

69-Tm-171



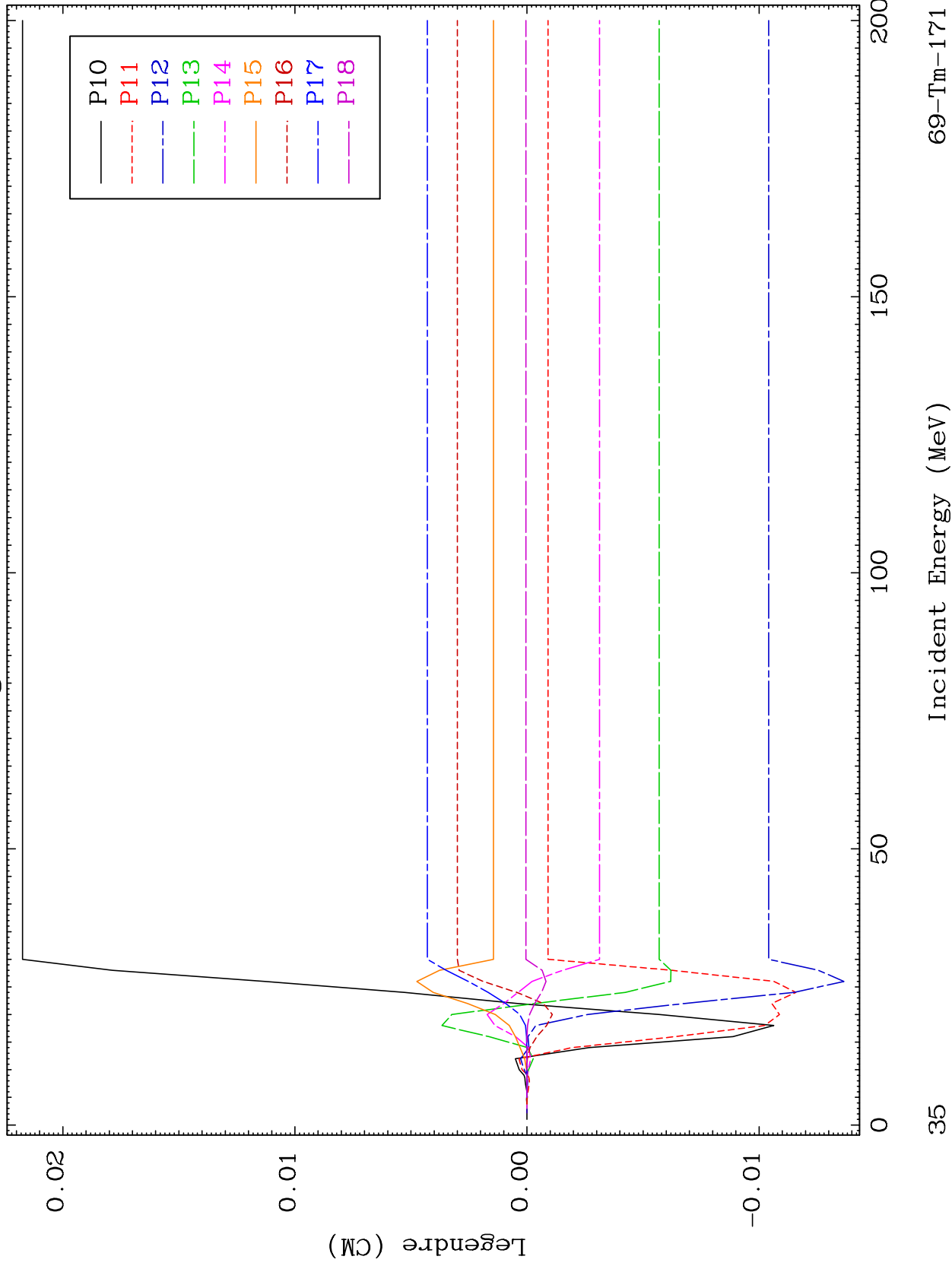
34

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

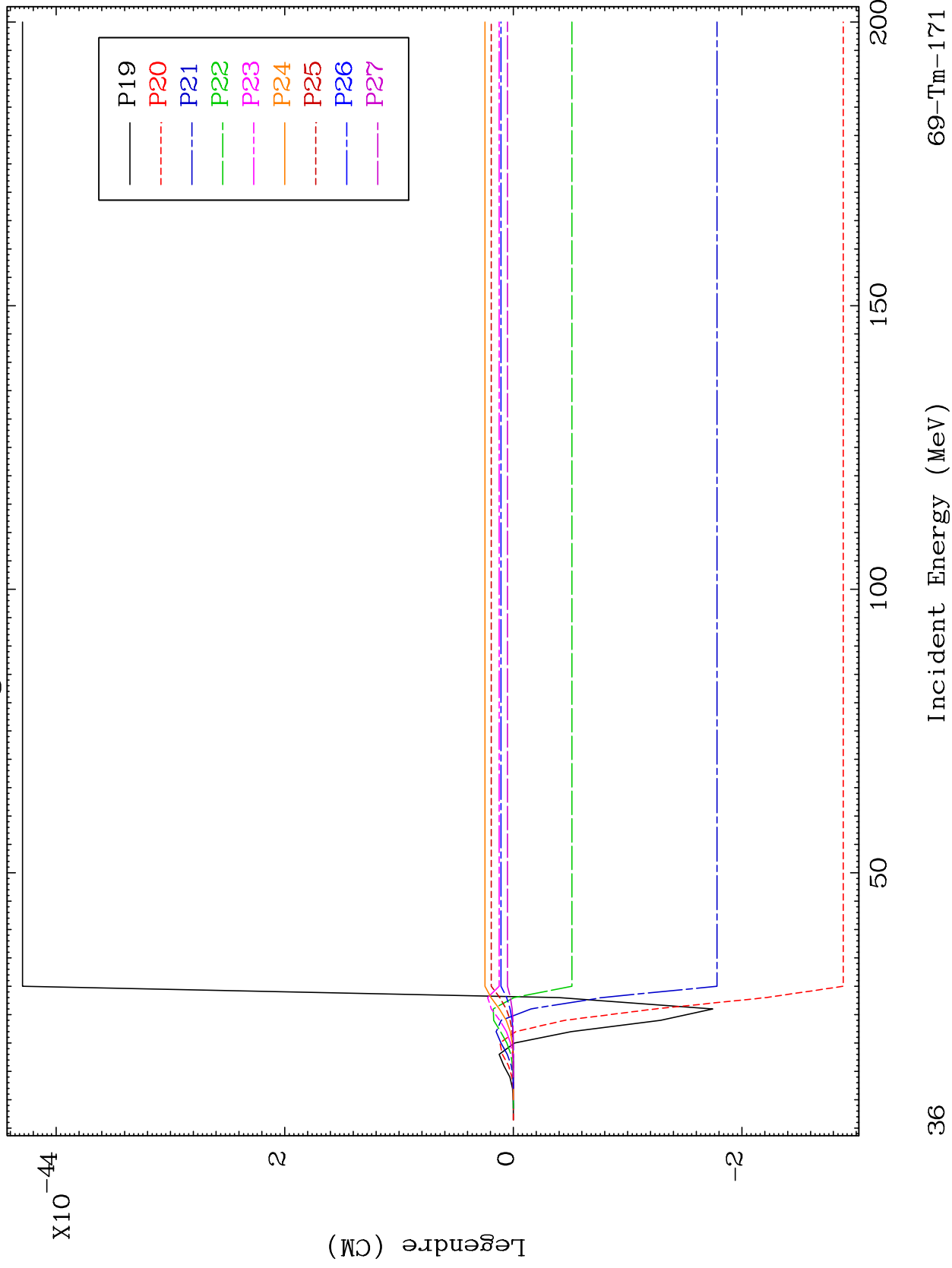
Incident Energy (MeV)

35

MAT 6931

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

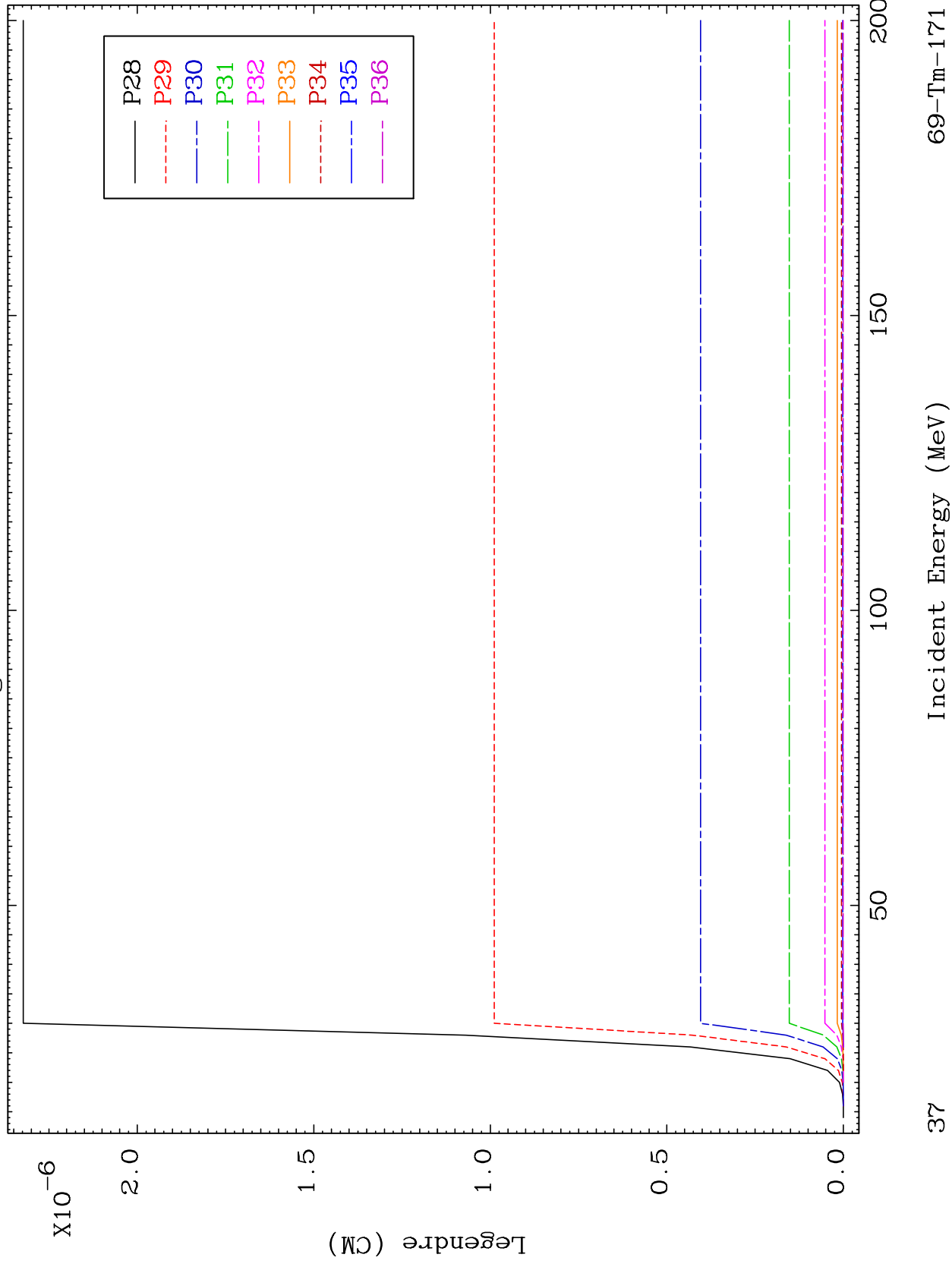
69-Tm-171



MAT 6931

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

69-Tm-171



37

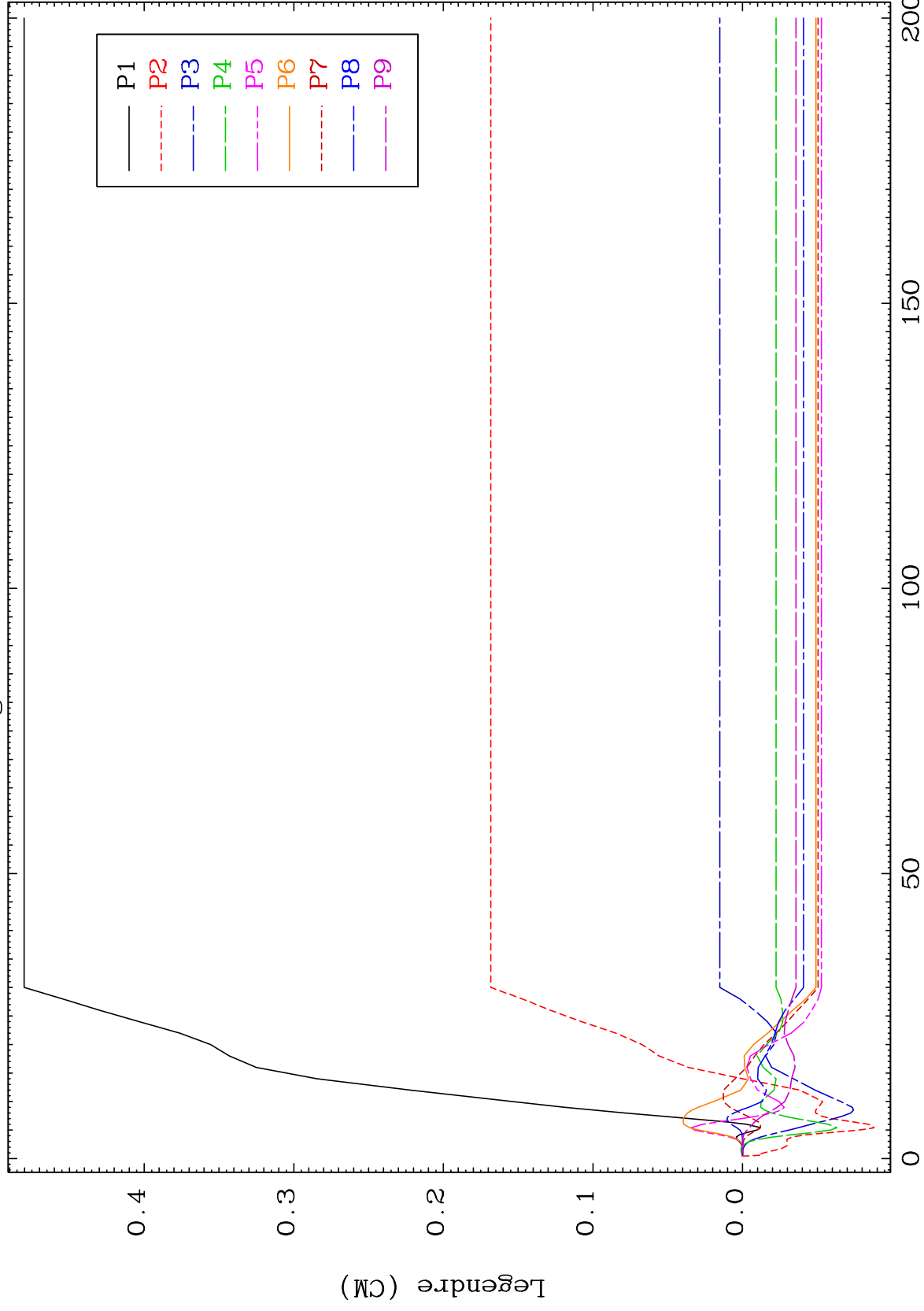
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

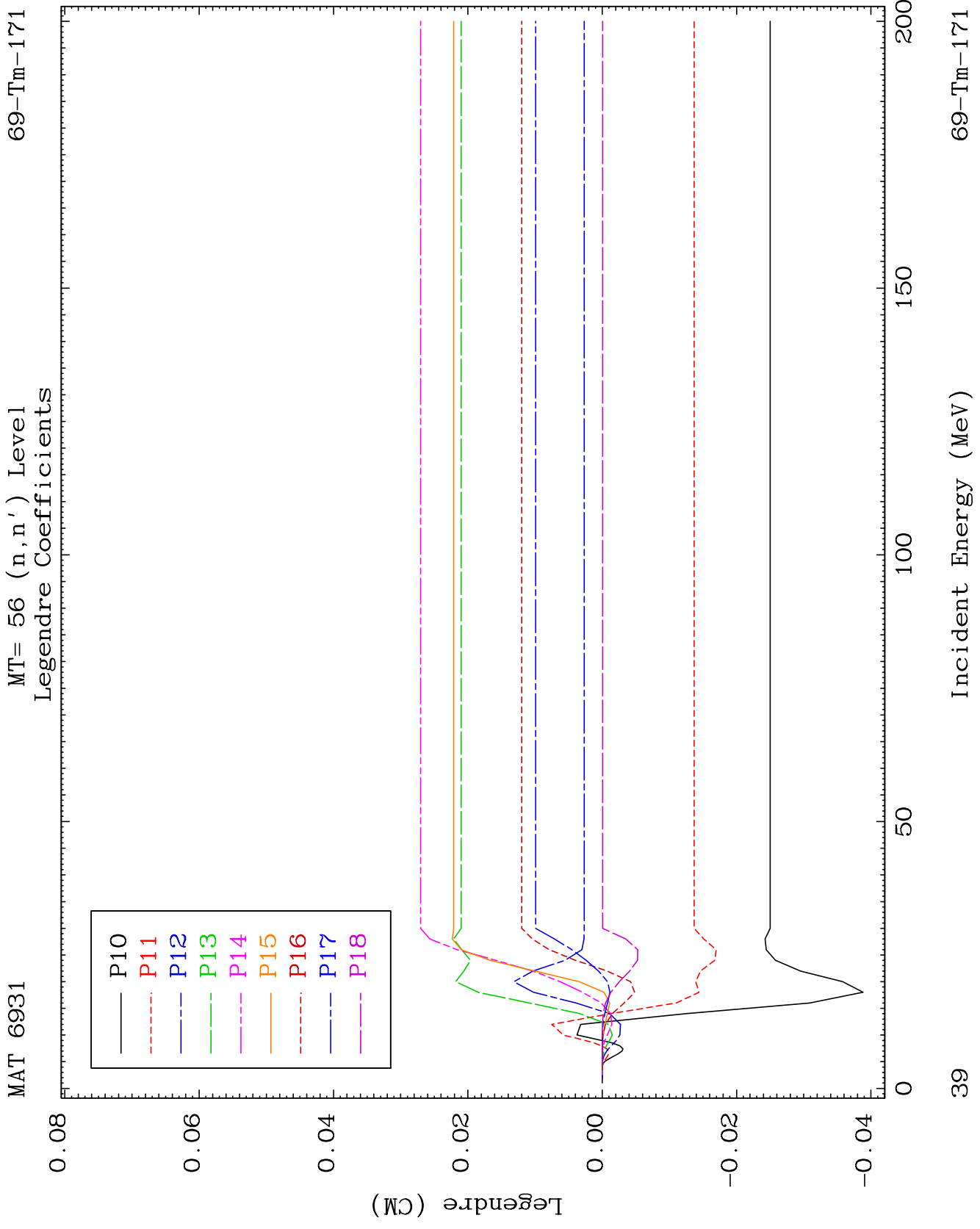
69-Tm-171



38

Incident Energy (MeV)

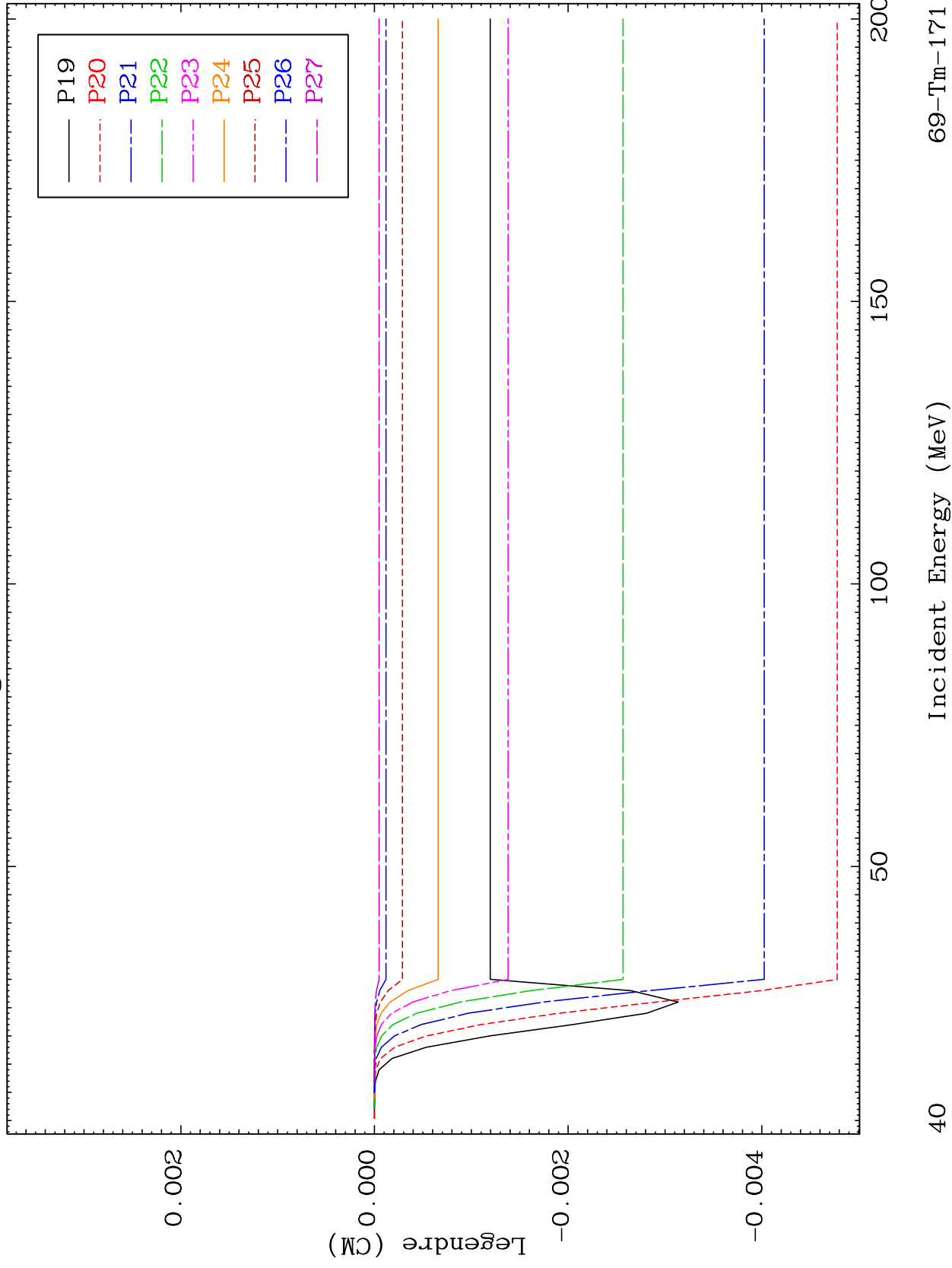
69-Tm-171



MAT 6931

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

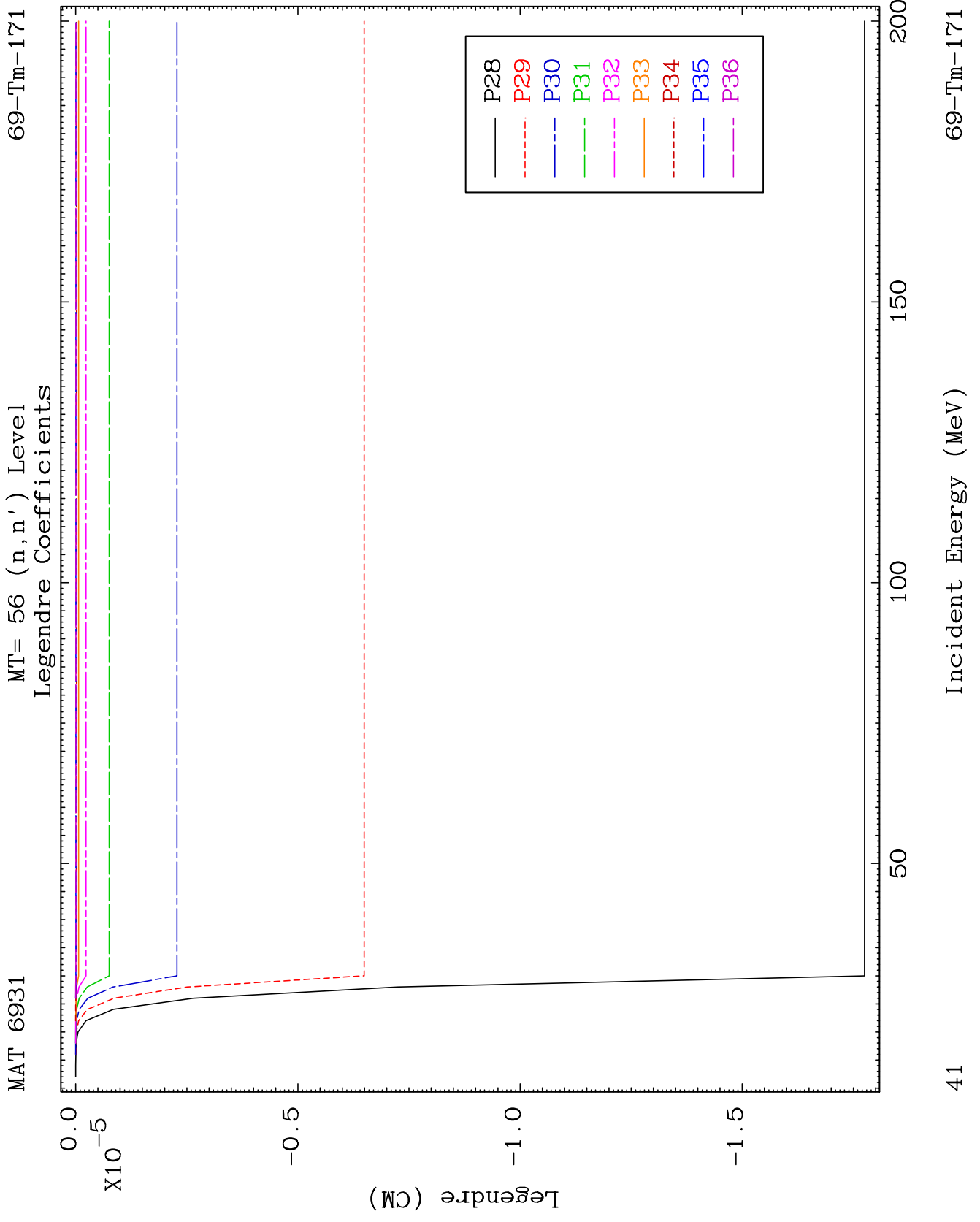
69-Tm-171



40

Incident Energy (MeV)

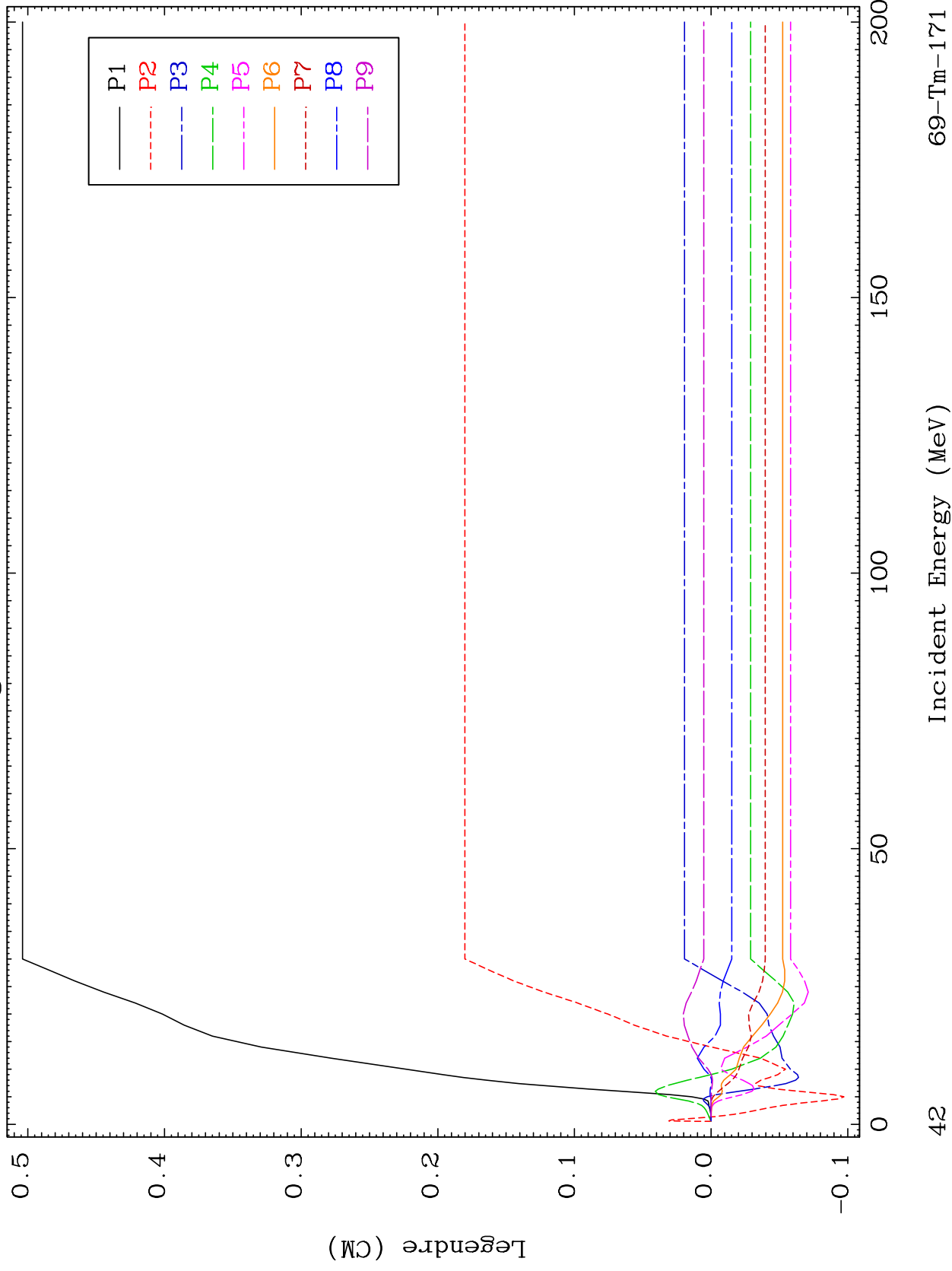
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

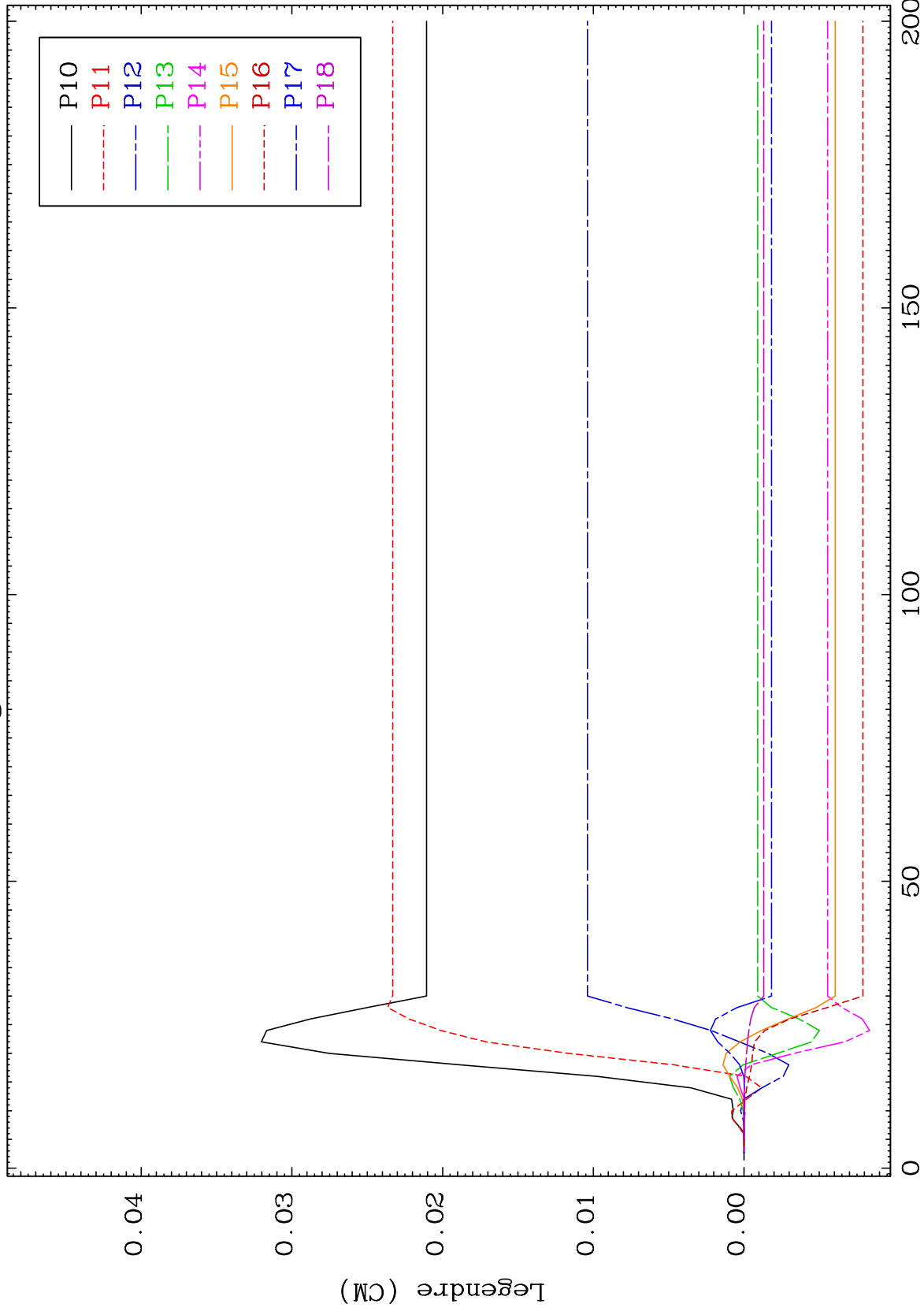
Incident Energy (MeV)

42

MAT 6931

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

69-Tm-171



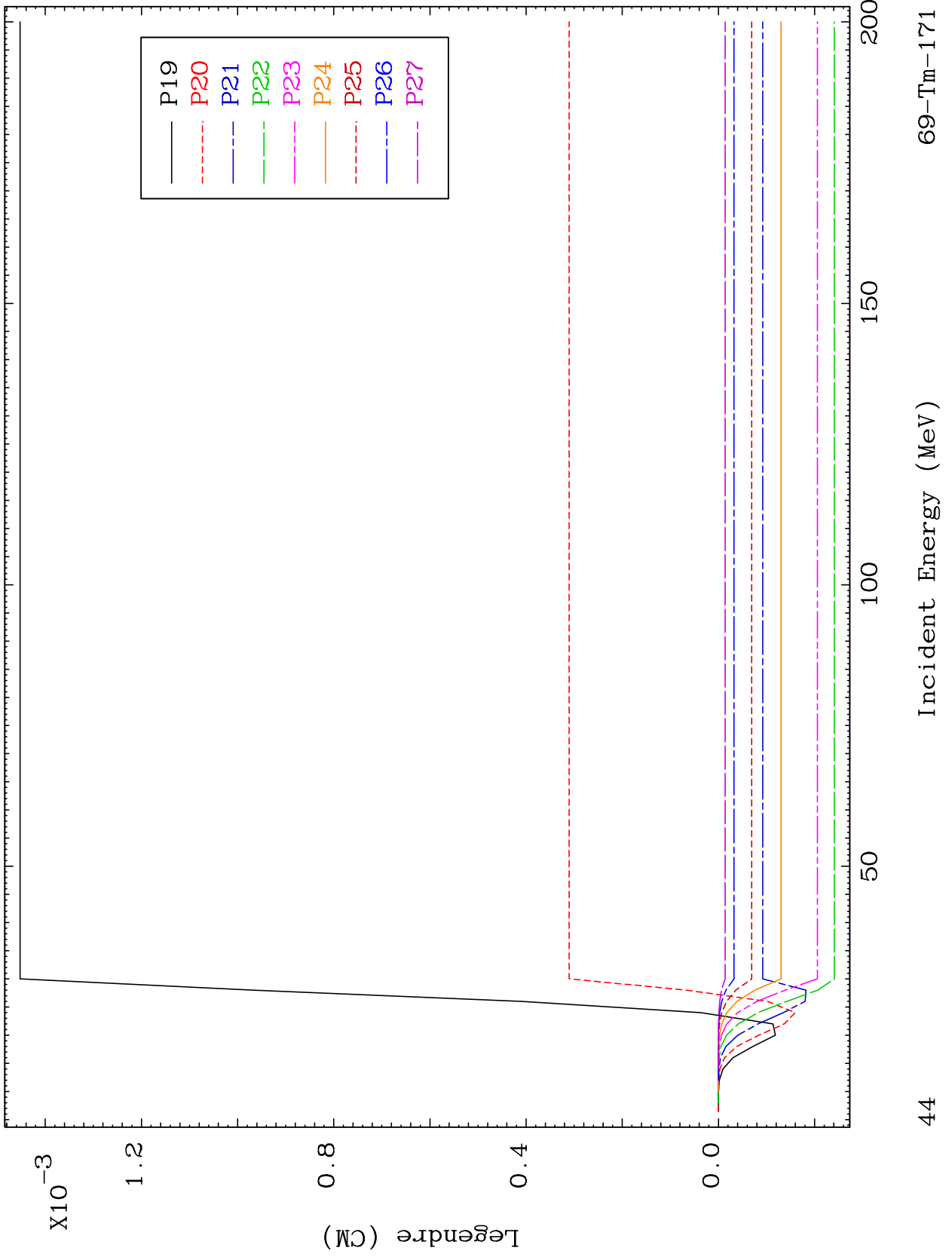
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69-Tm-171

MAT 6931

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

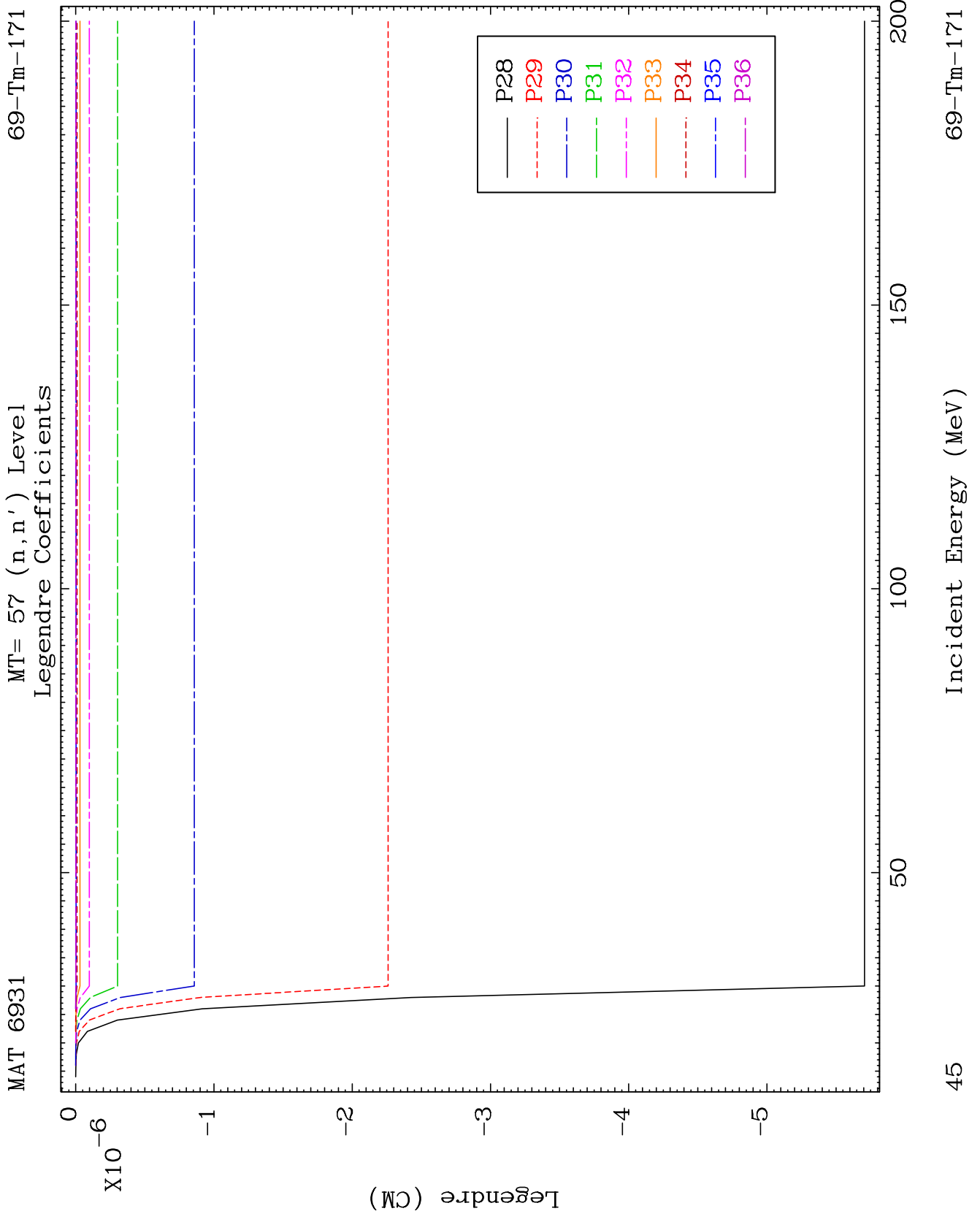
69-Tm-171



44

Incident Energy (MeV)

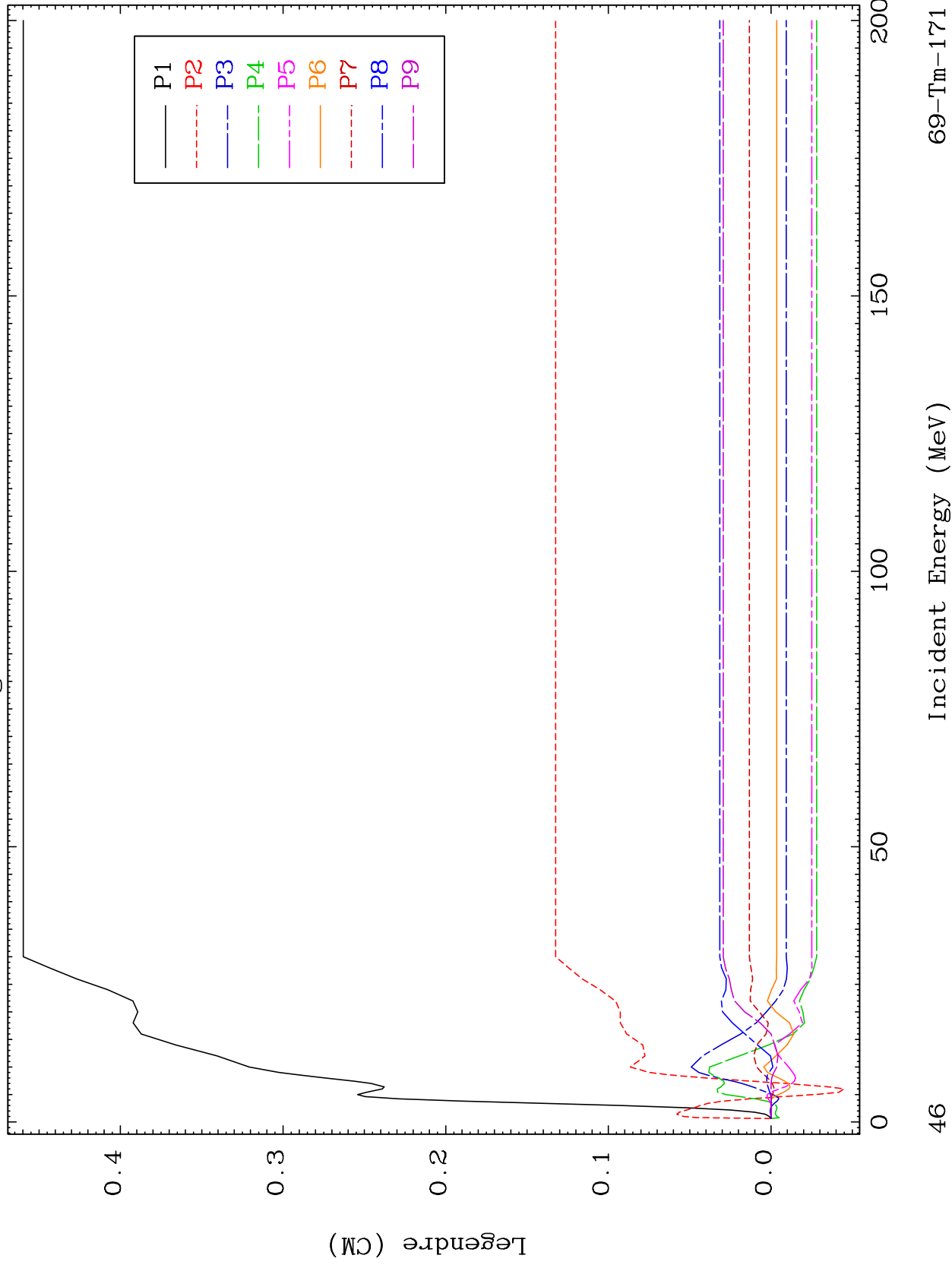
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

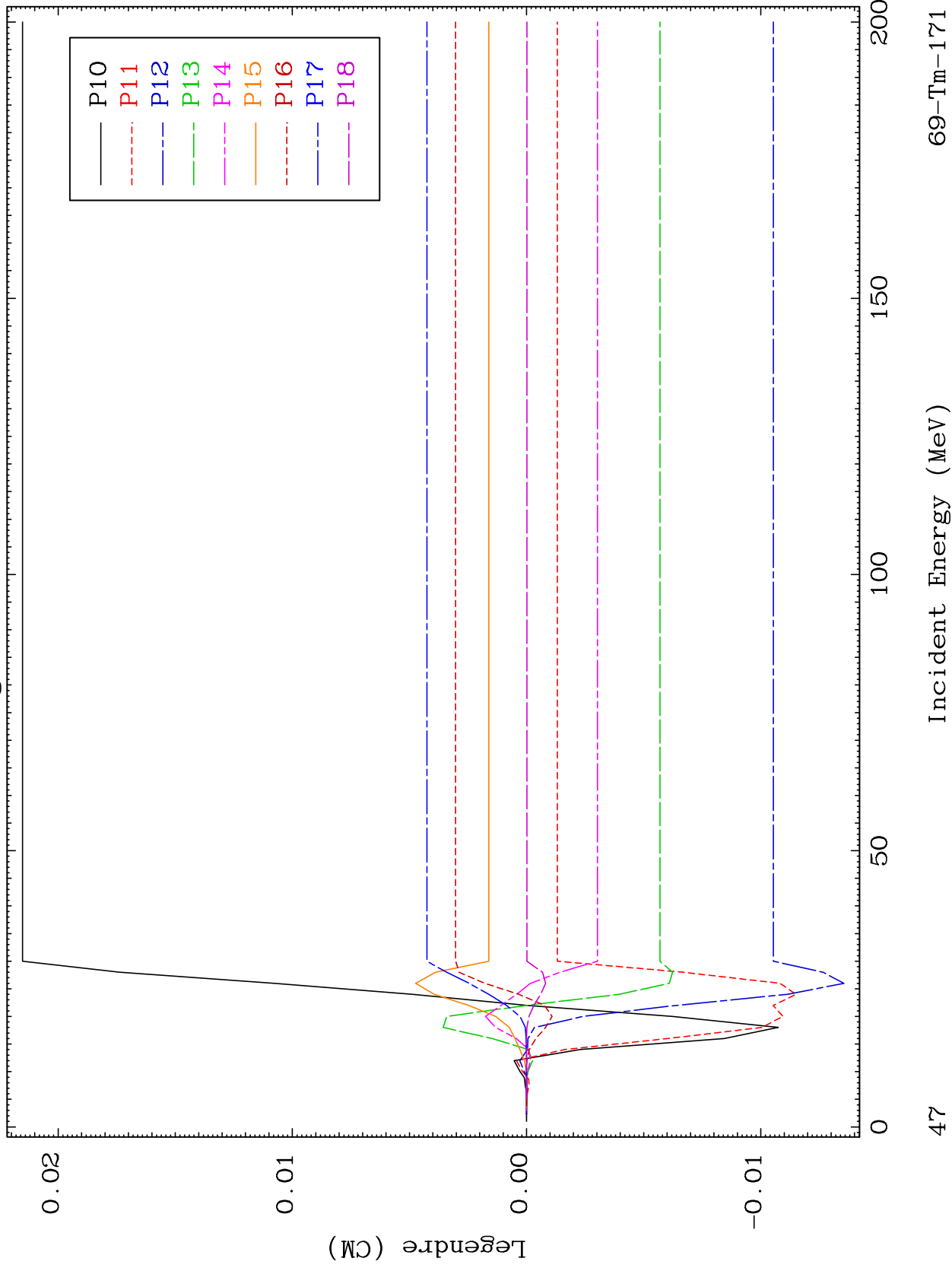
Incident Energy (MeV)

46

MAT 6931

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

69-Tm-171



47

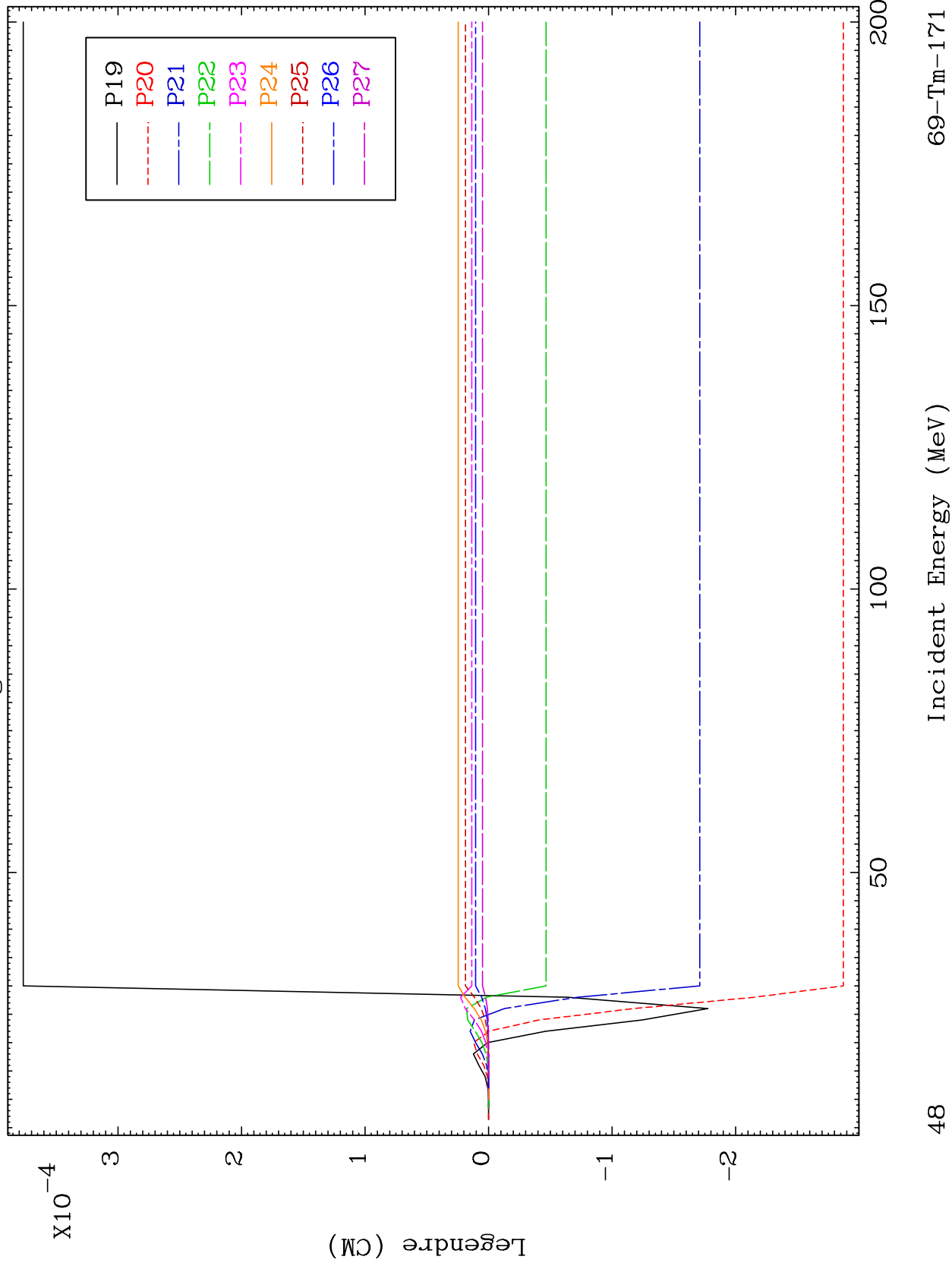
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



48

Incident Energy (MeV)

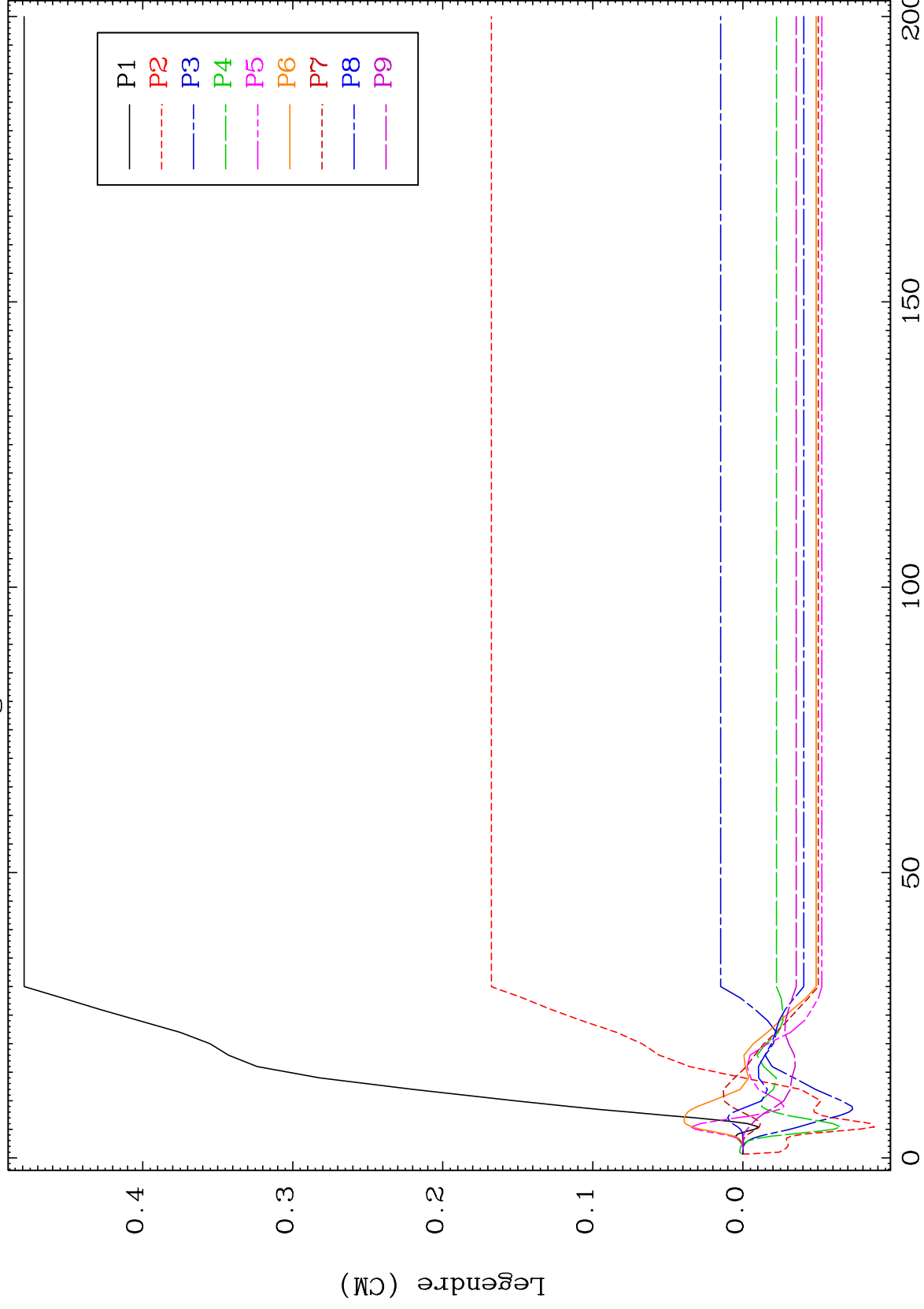
69-Tm-171



MAT 6931

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

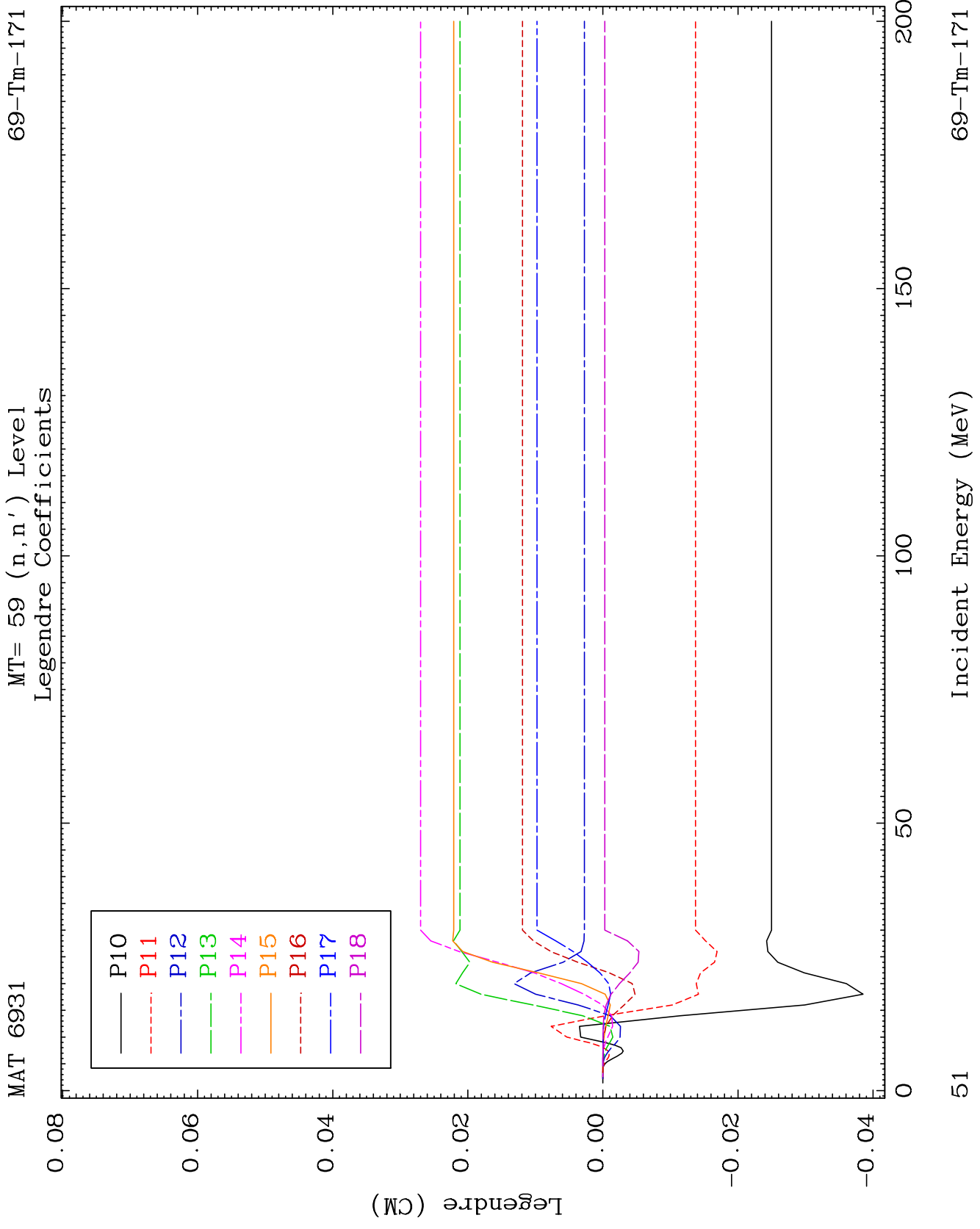
69-Tm-171



69-Tm-171

Incident Energy (MeV)

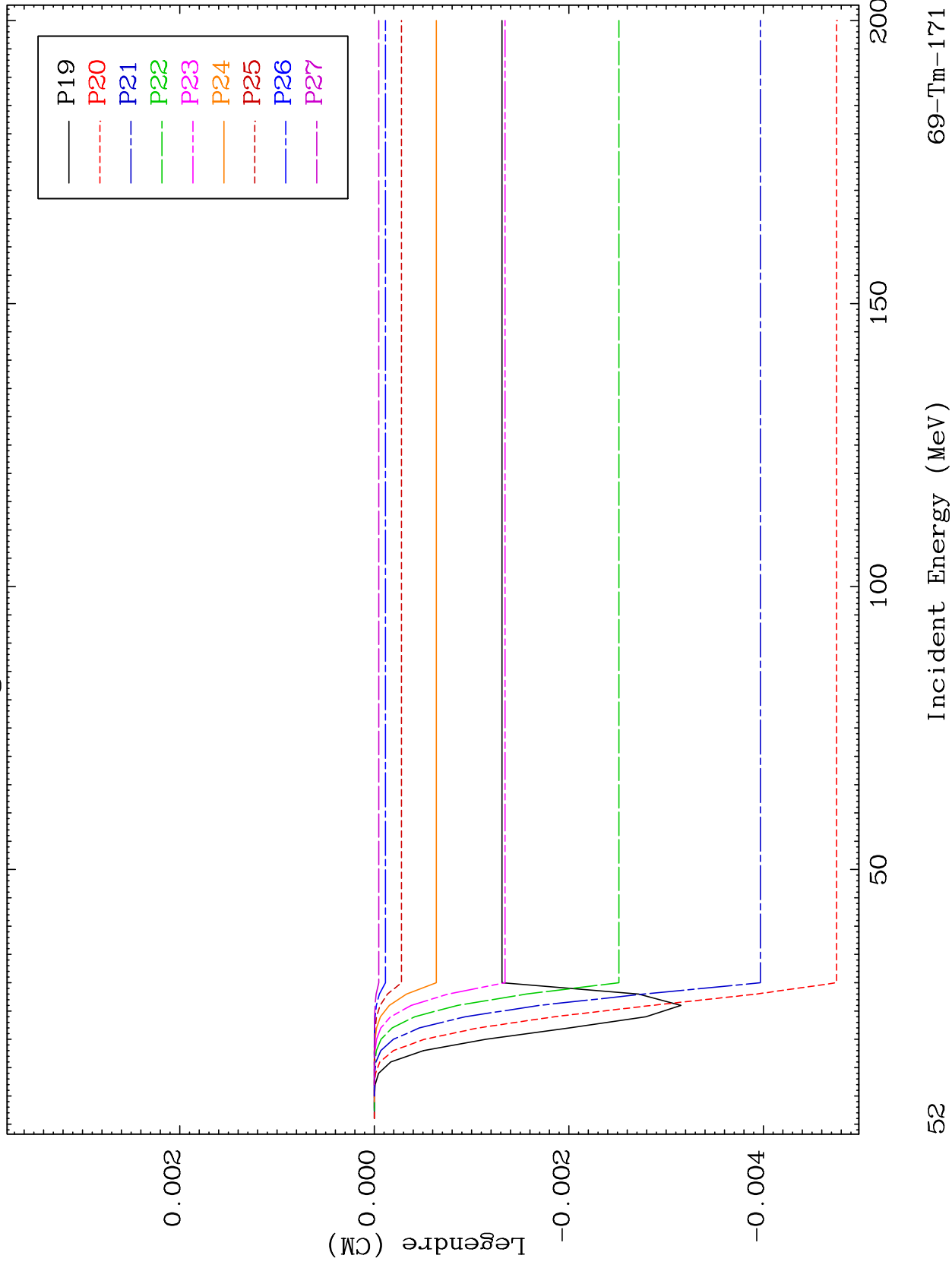
50



MAT 6931

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

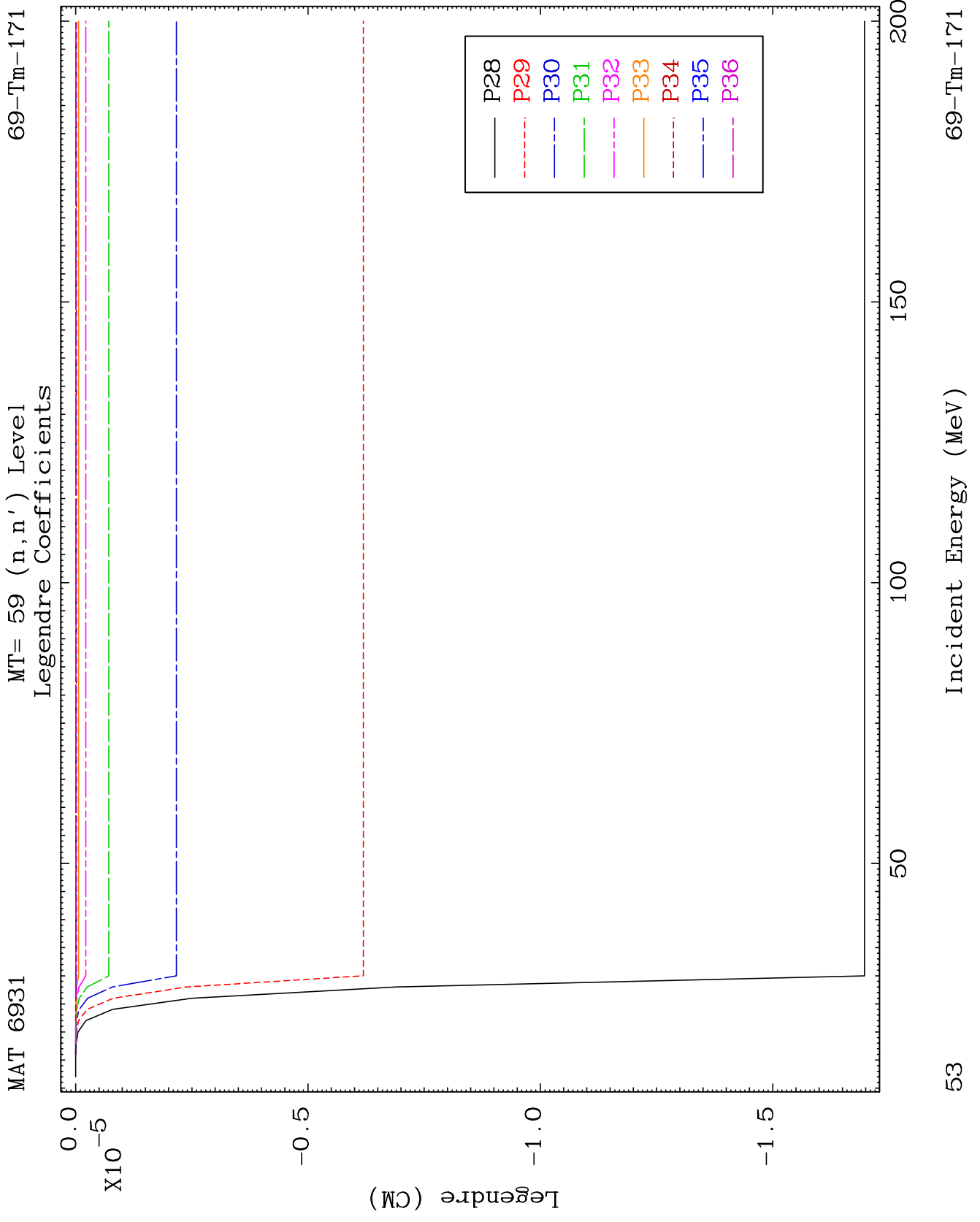
69-Tm-171

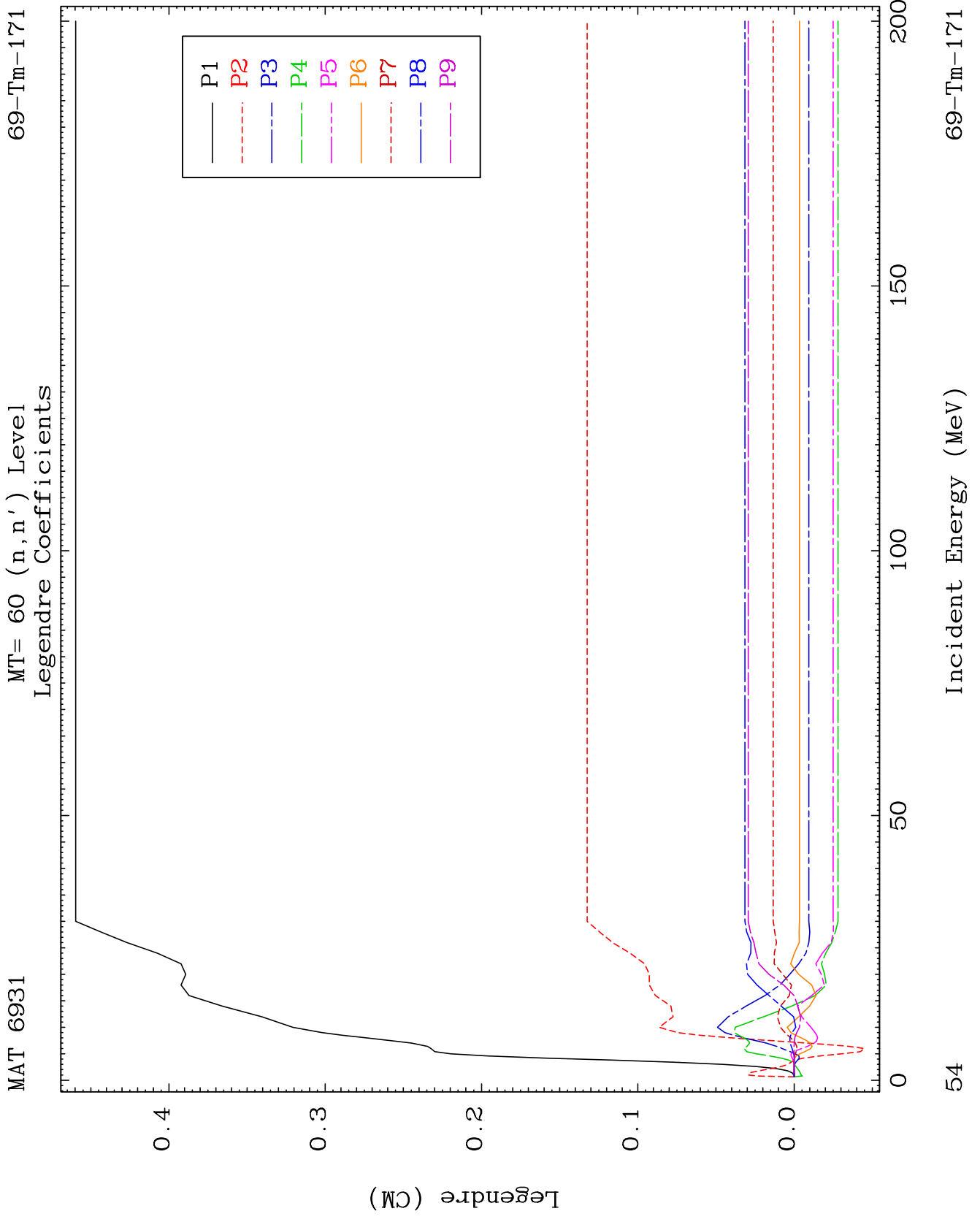


52

Incident Energy (MeV)

69-Tm-171

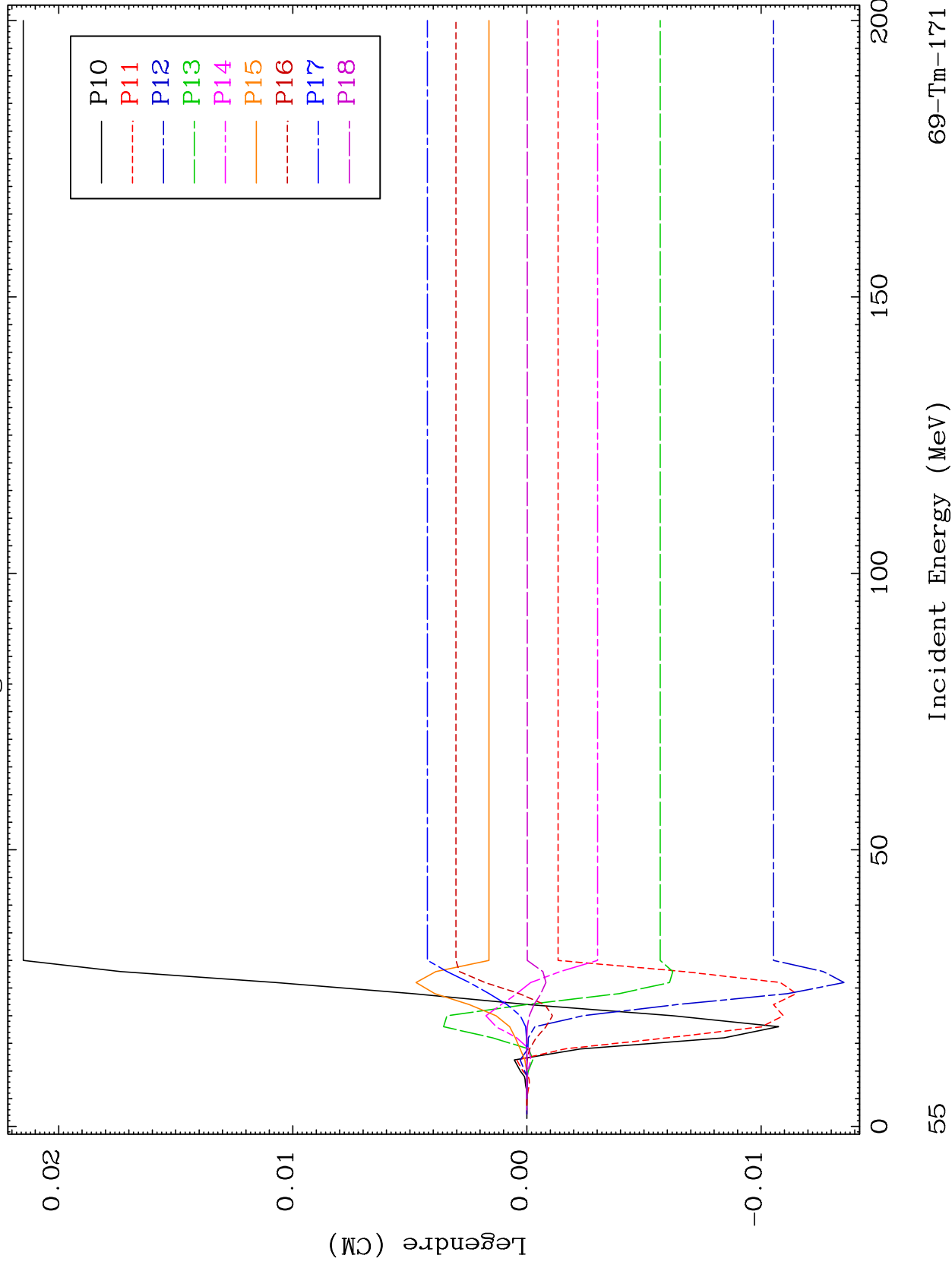




MAT 6931

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

69-Tm-171



69-Tm-171

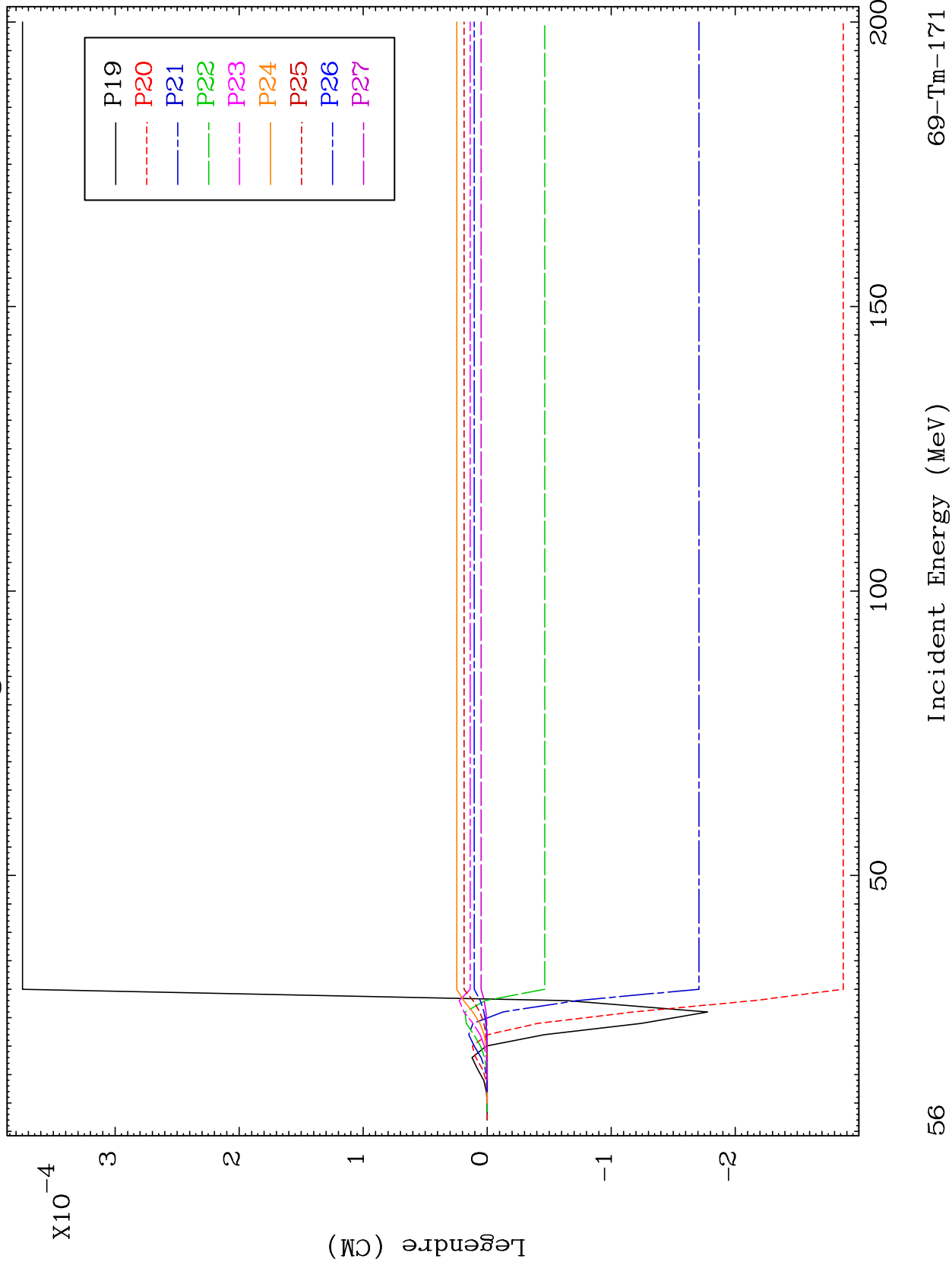
Incident Energy (MeV)

55

MAT 6931

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

69-Tm-171



56

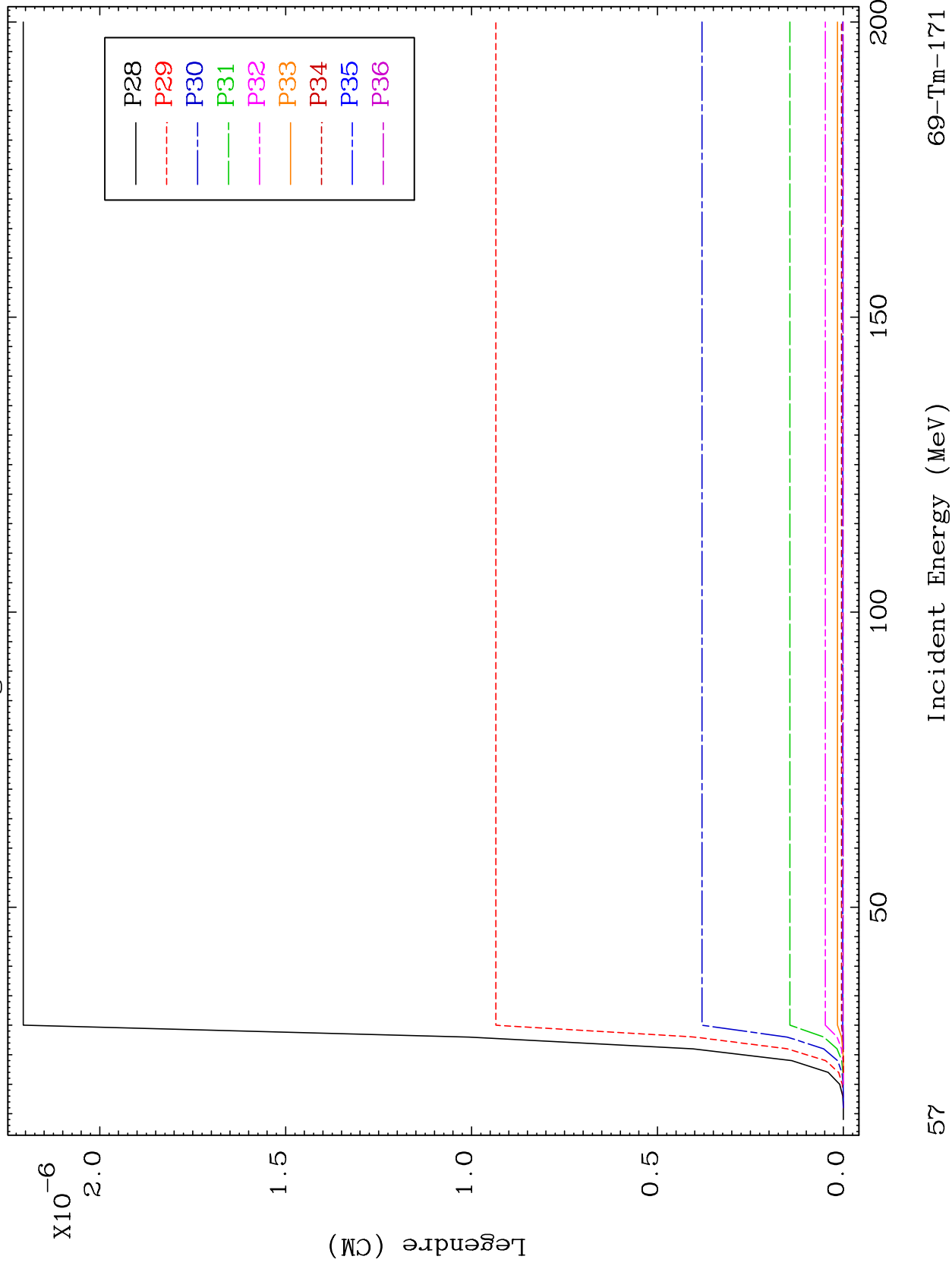
Incident Energy (MeV)

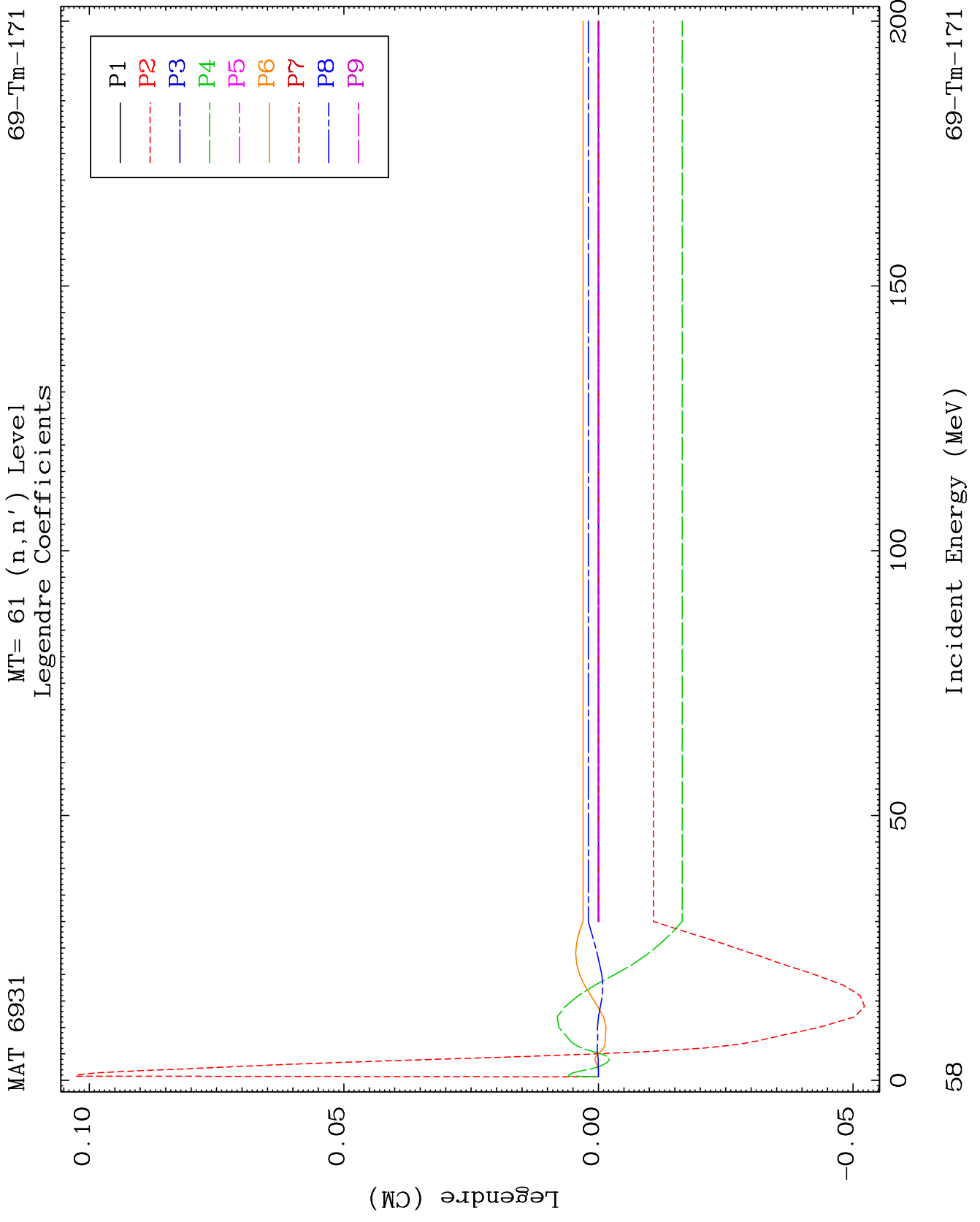
69-Tm-171

MAT 6931

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

69-Tm-171

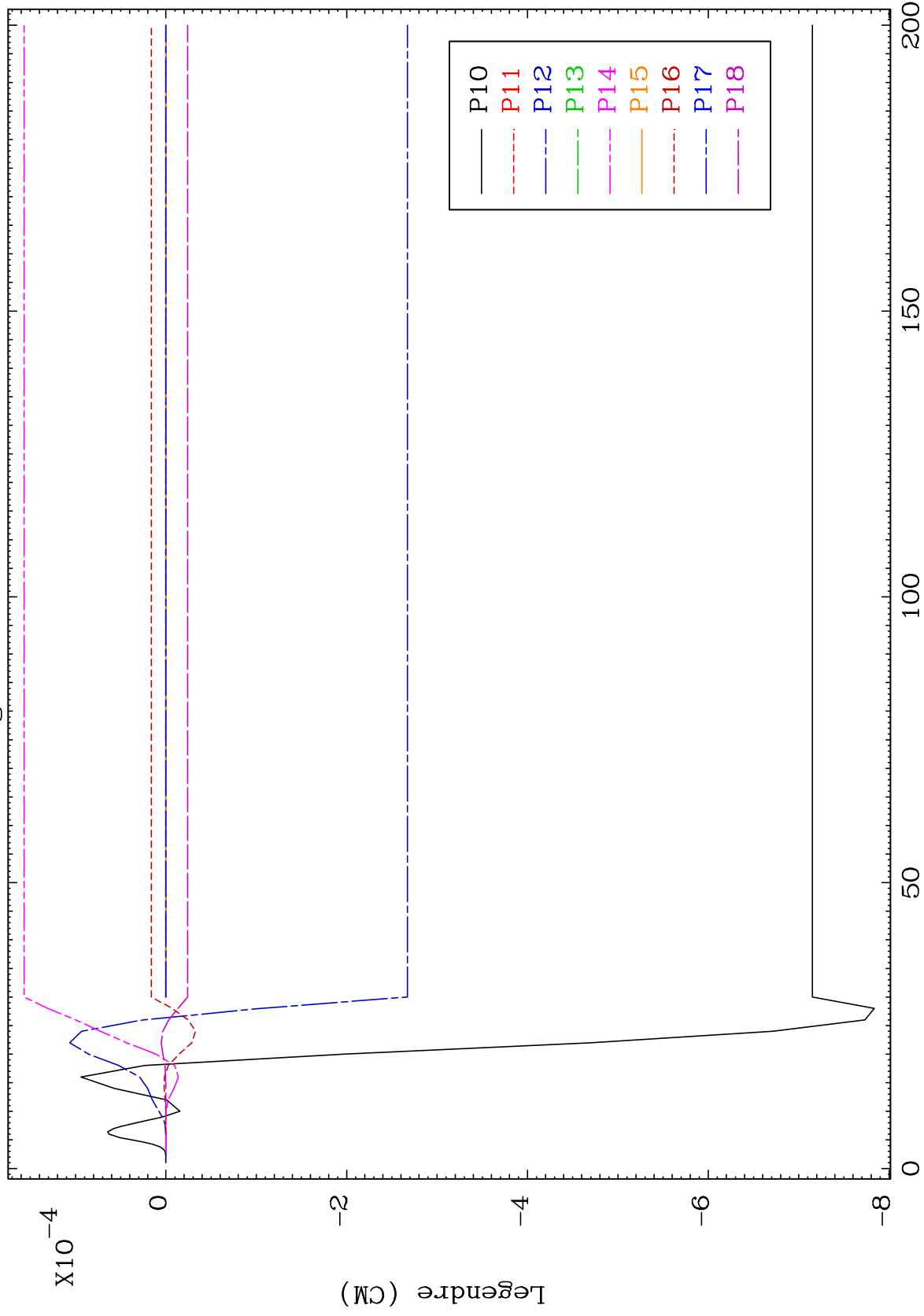




MAT 6931

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

69-Tm-171

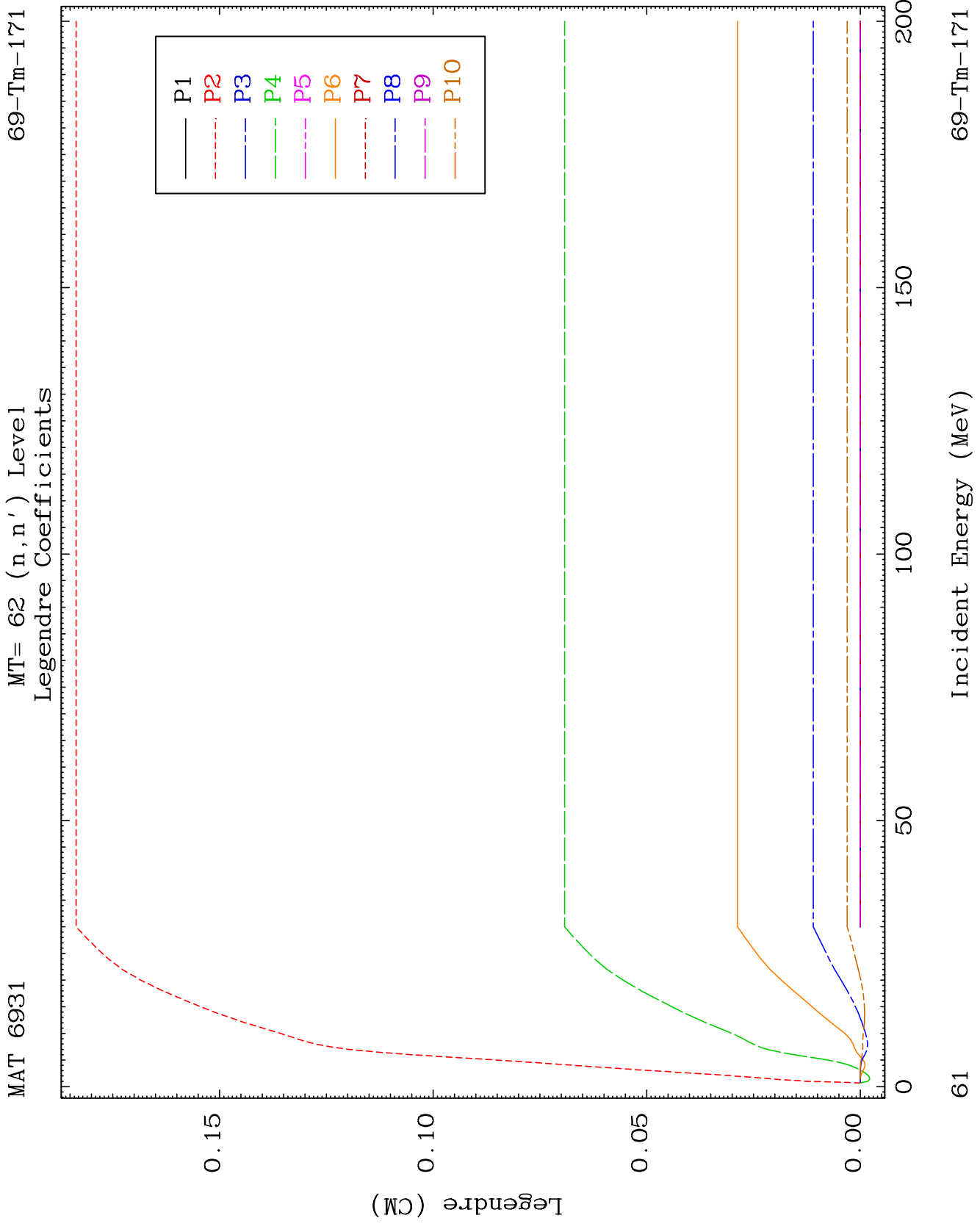


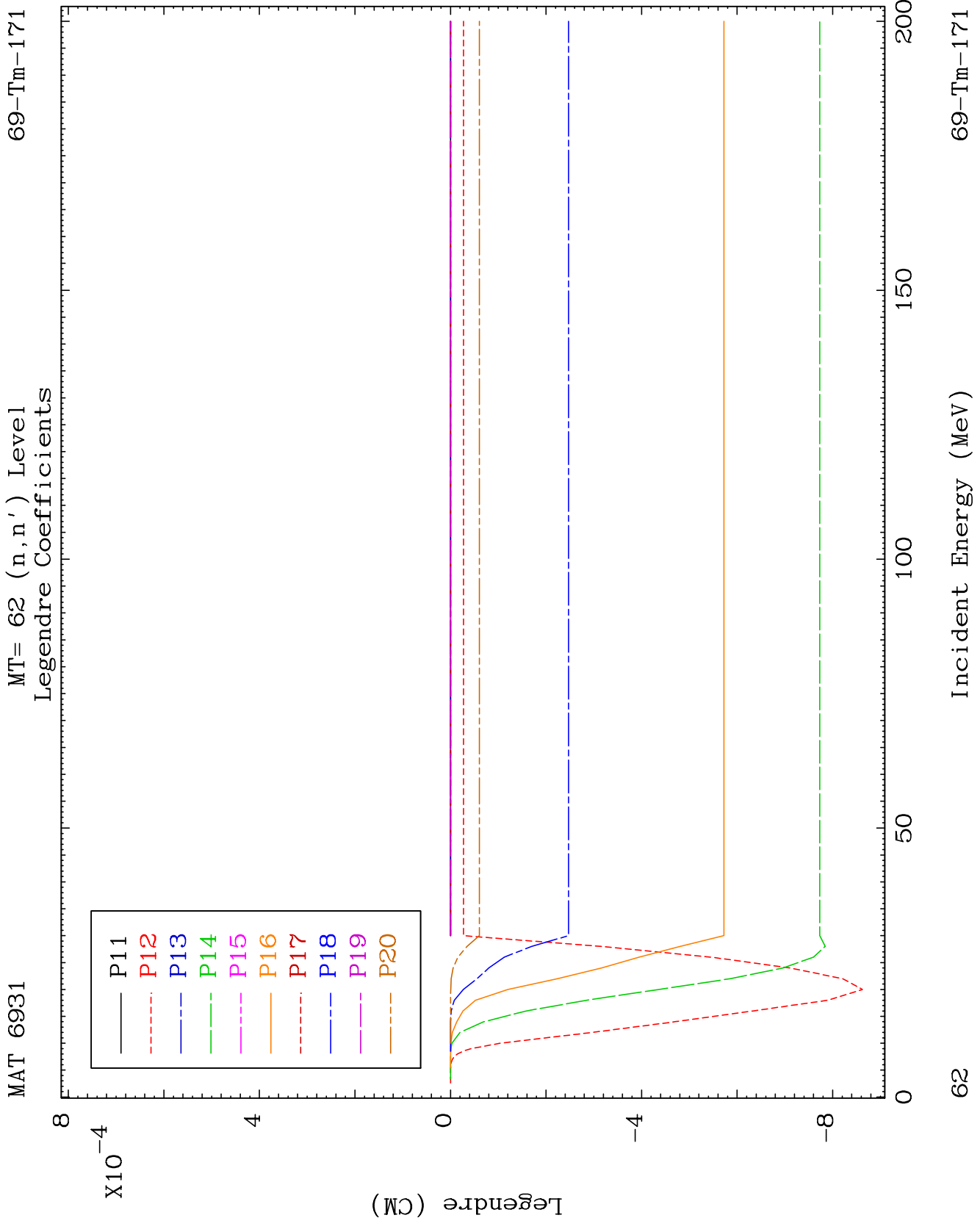
59

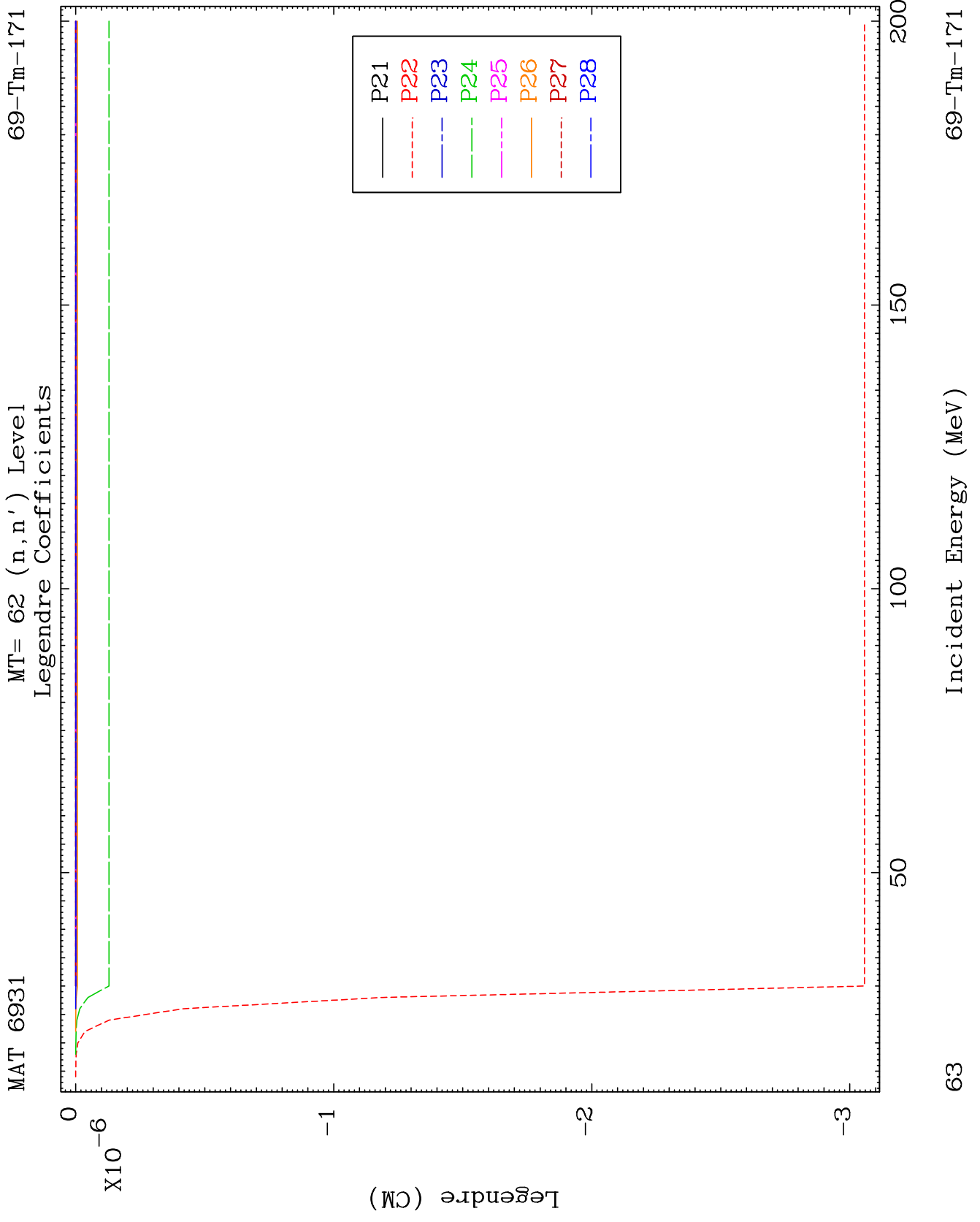
69-Tm-171

69-Tm-171





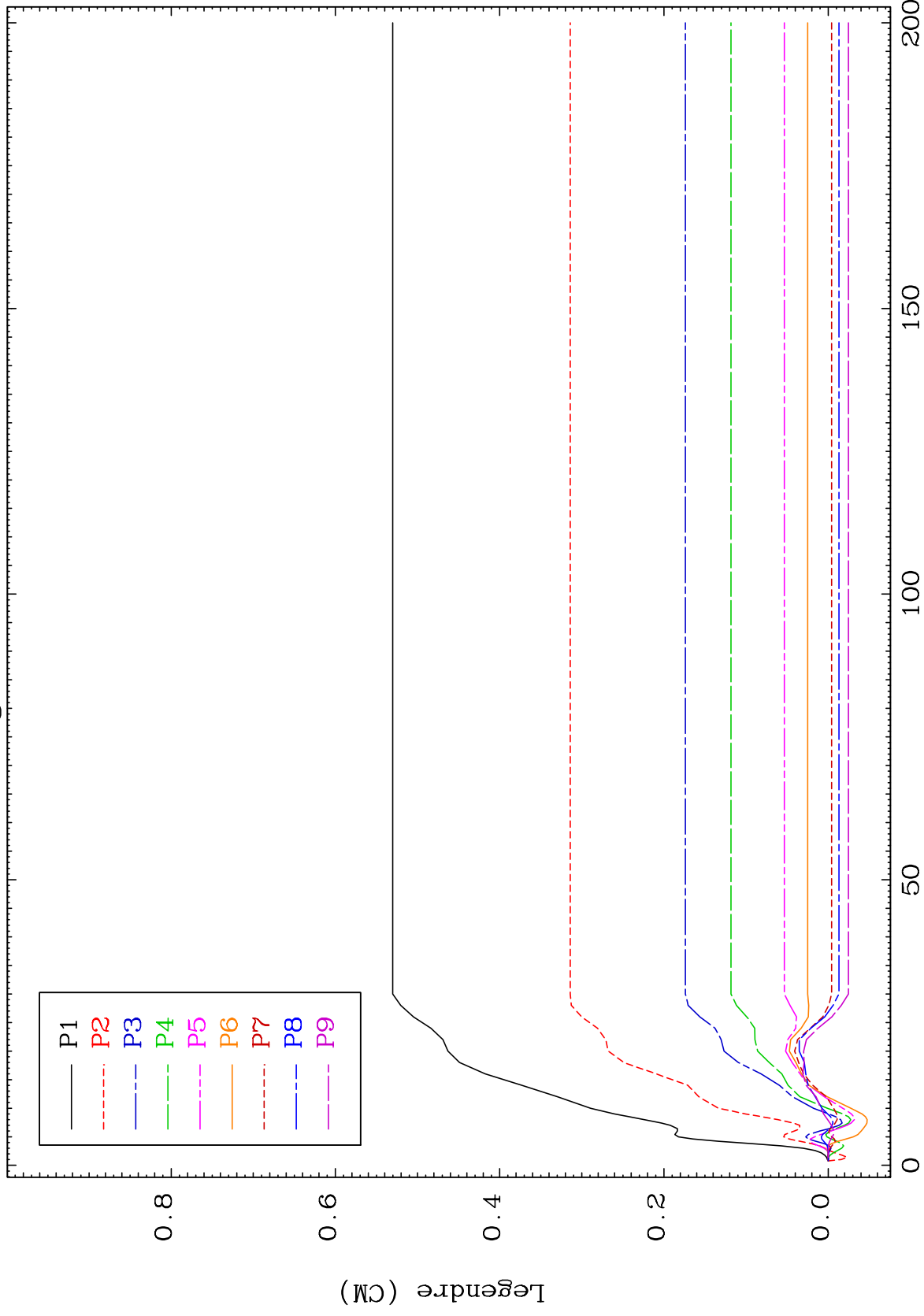




MAT 6931

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

69-Tm-171



64

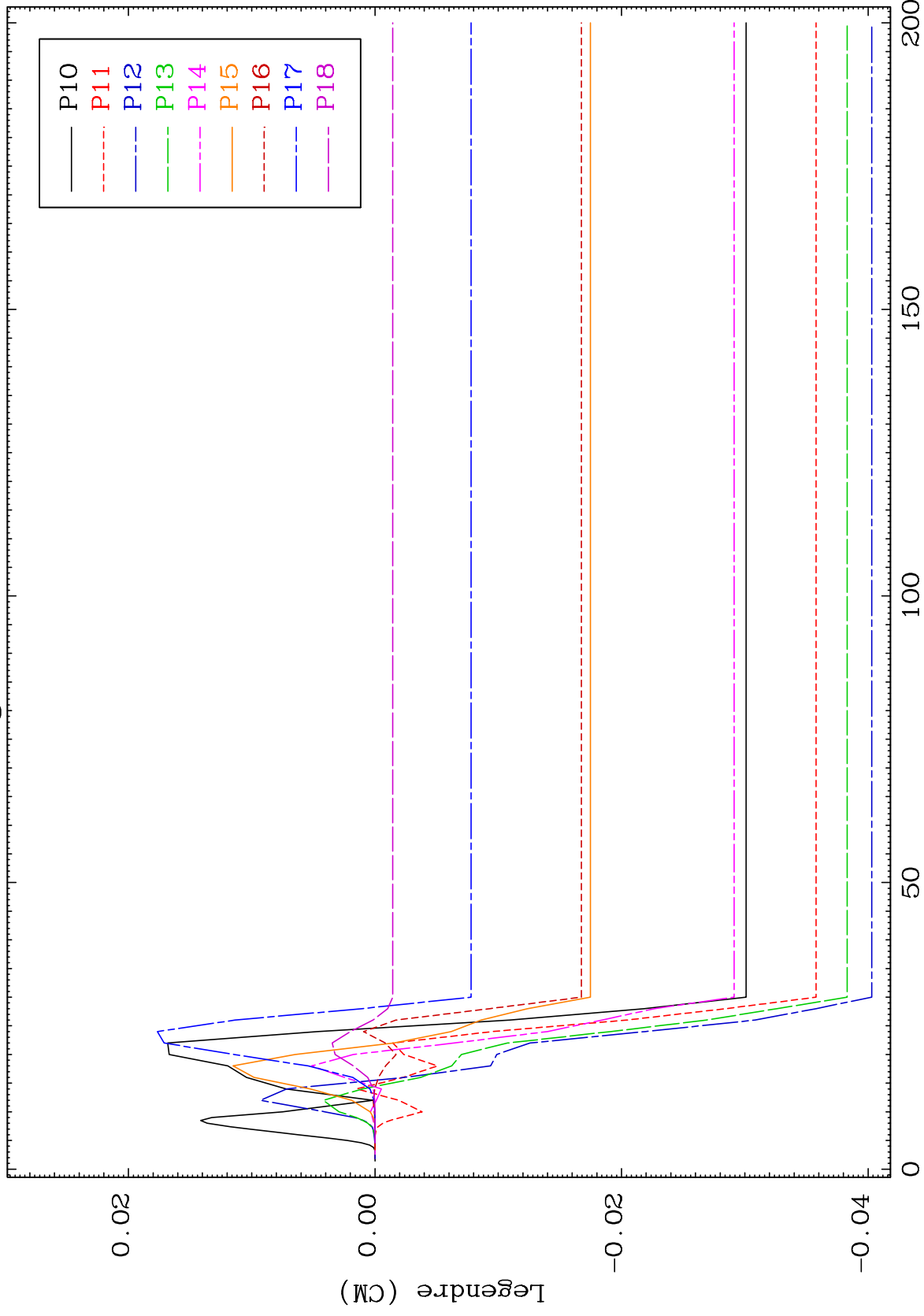
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

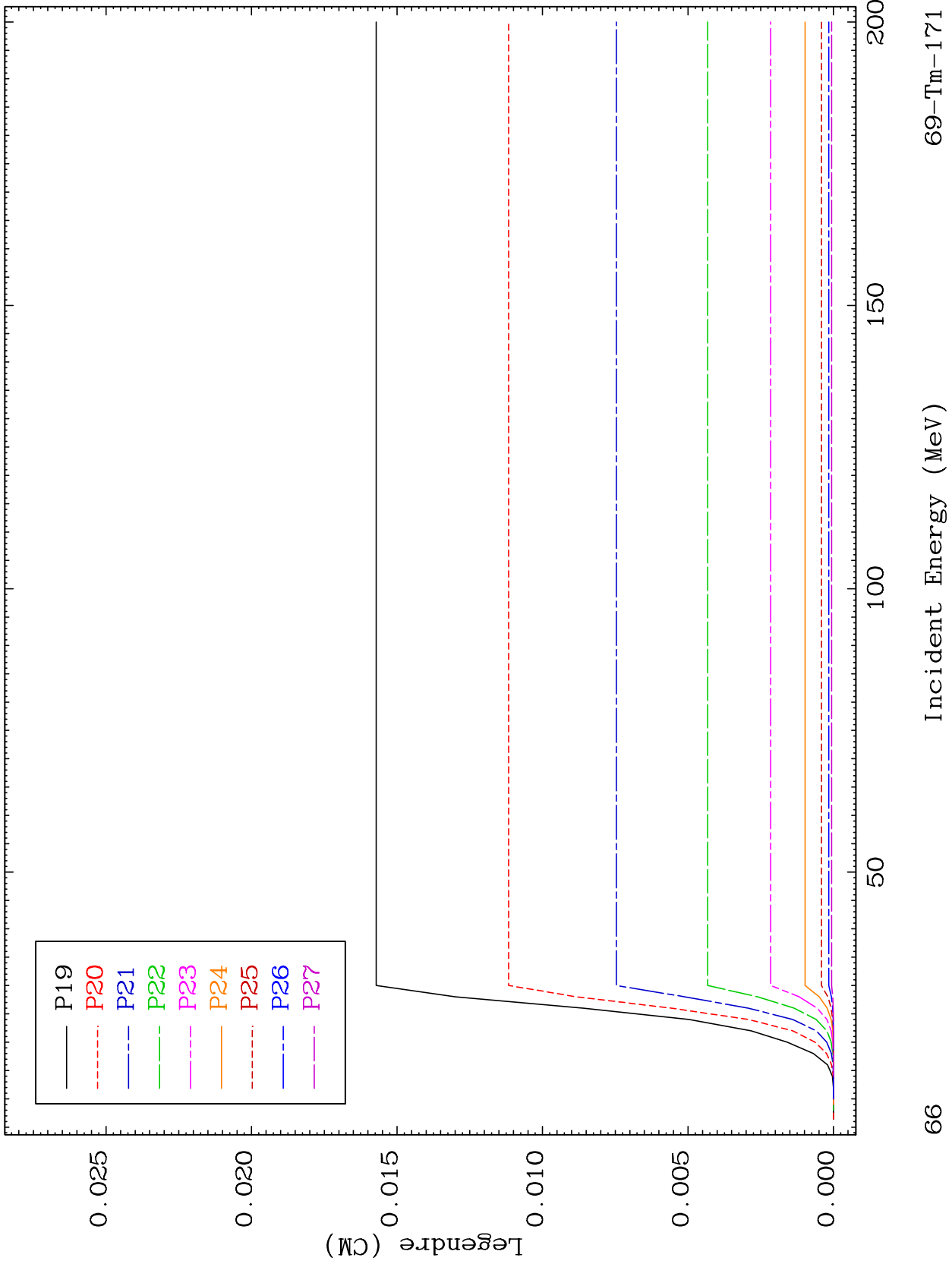
69-Tm-171



69-Tm-171

Incident Energy (MeV)

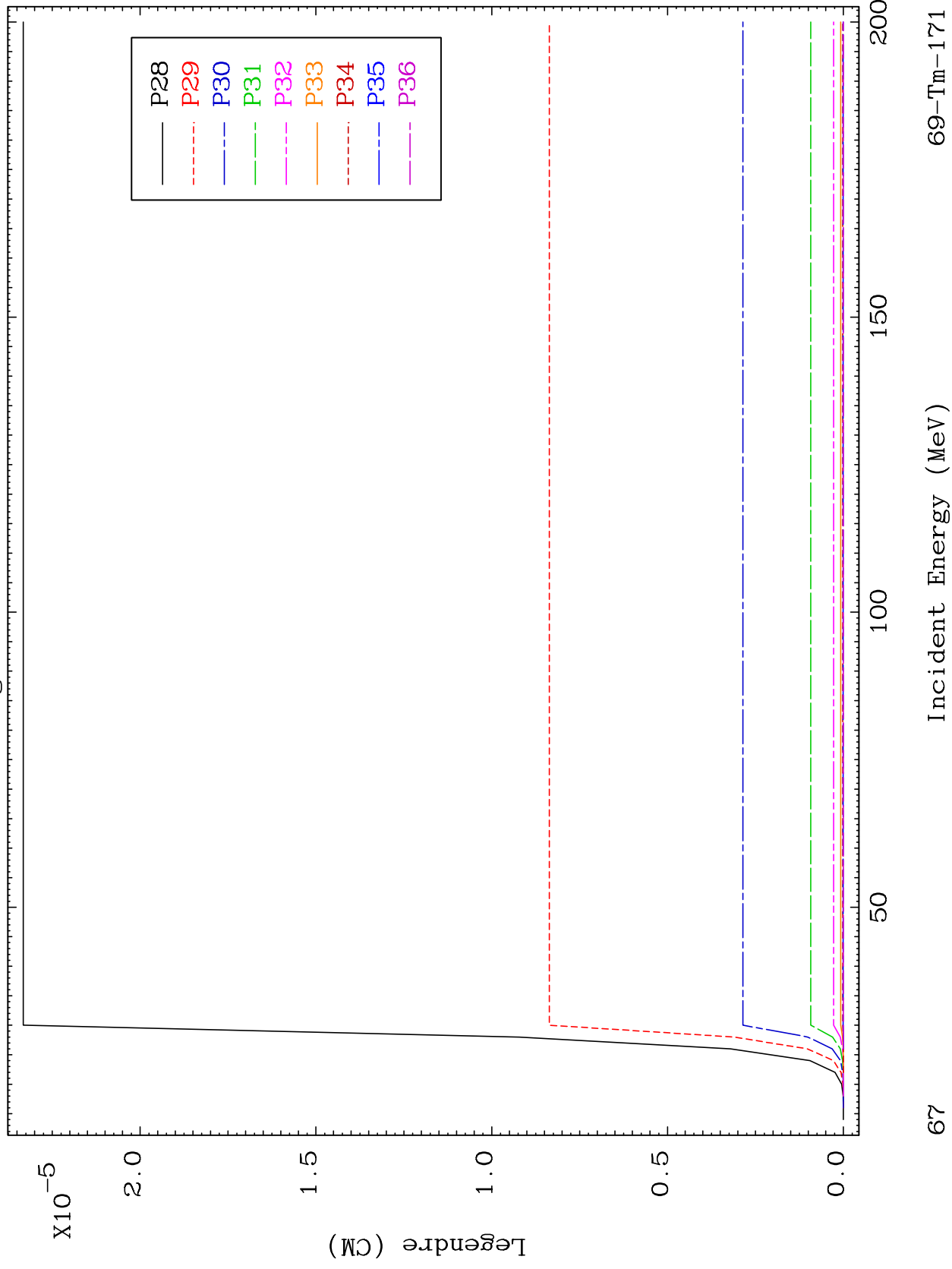
65



MAT 6931

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

69-Tm-171

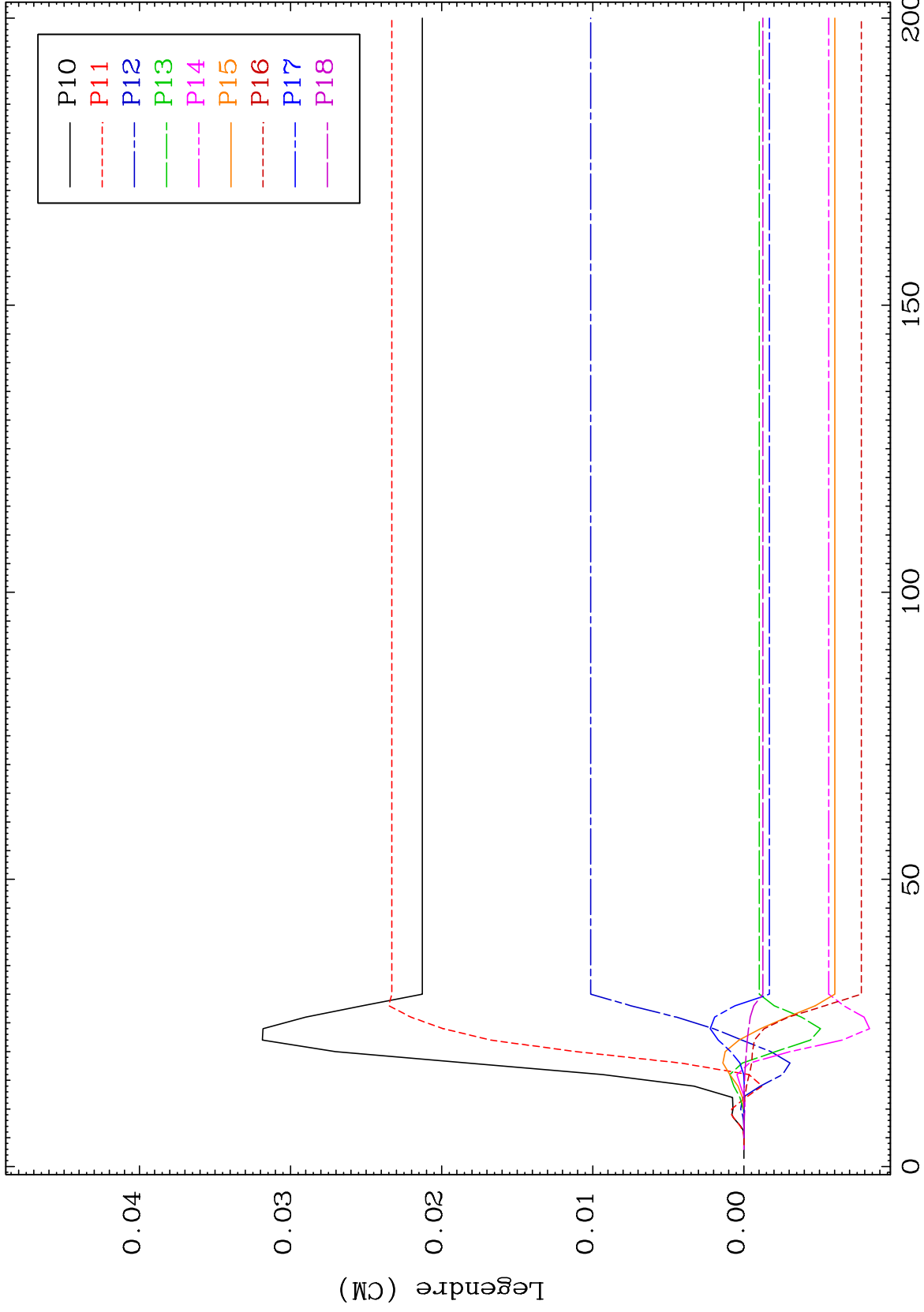




MAT 6931

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

69-Tm-171



69

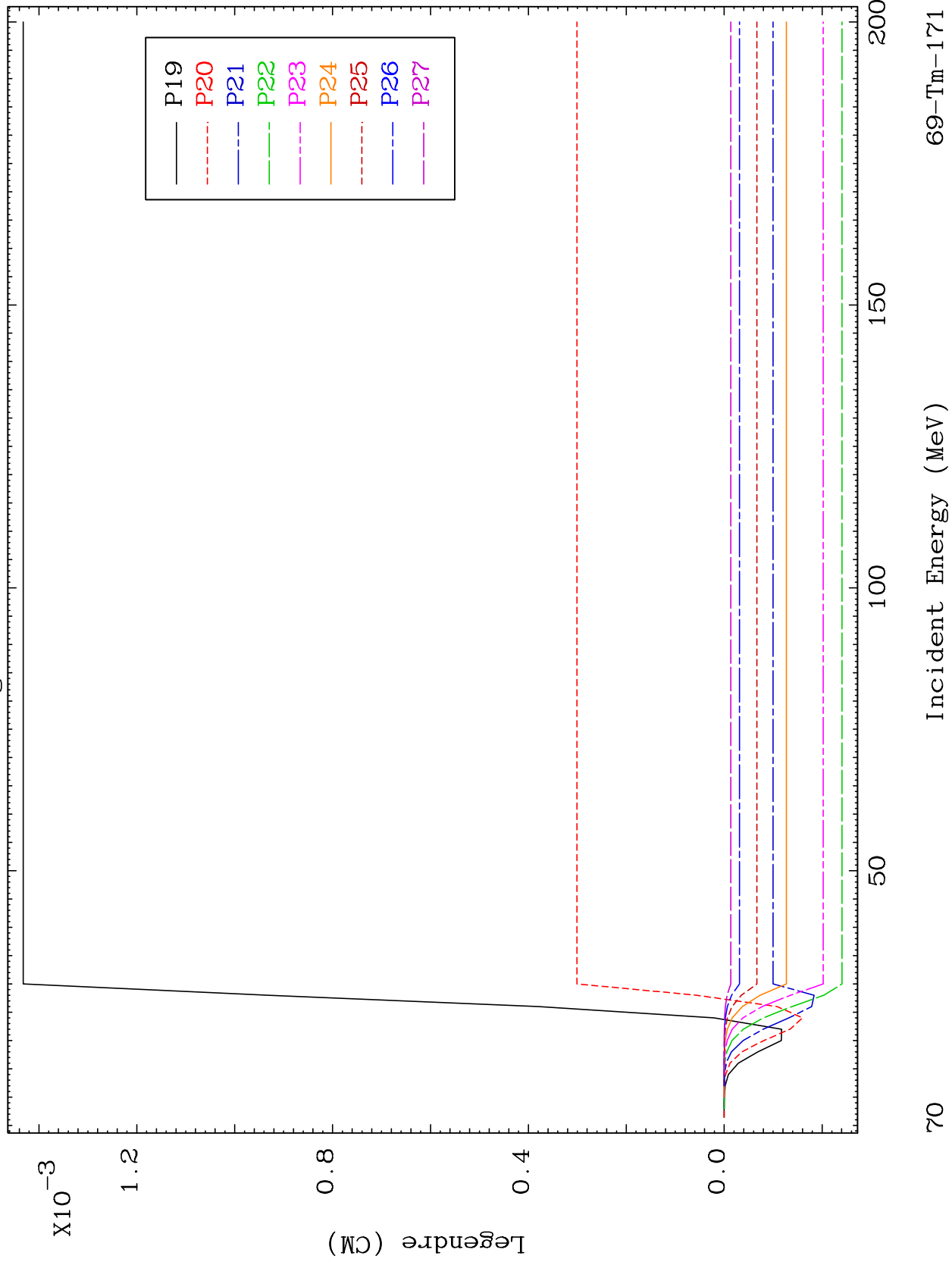
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



70

Incident Energy (MeV)

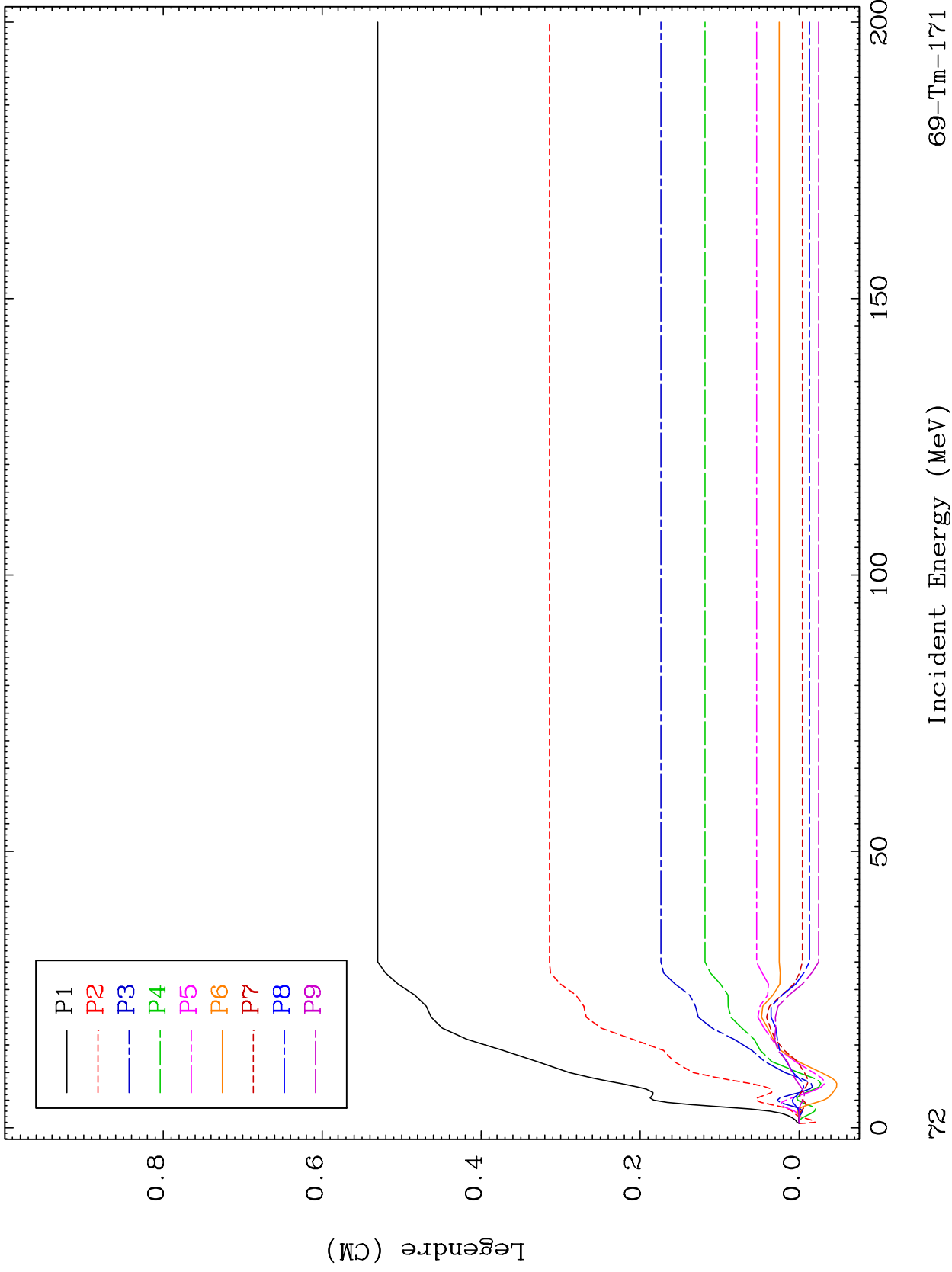
69-Tm-171



MAT 6931

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

69-Tm-171



72

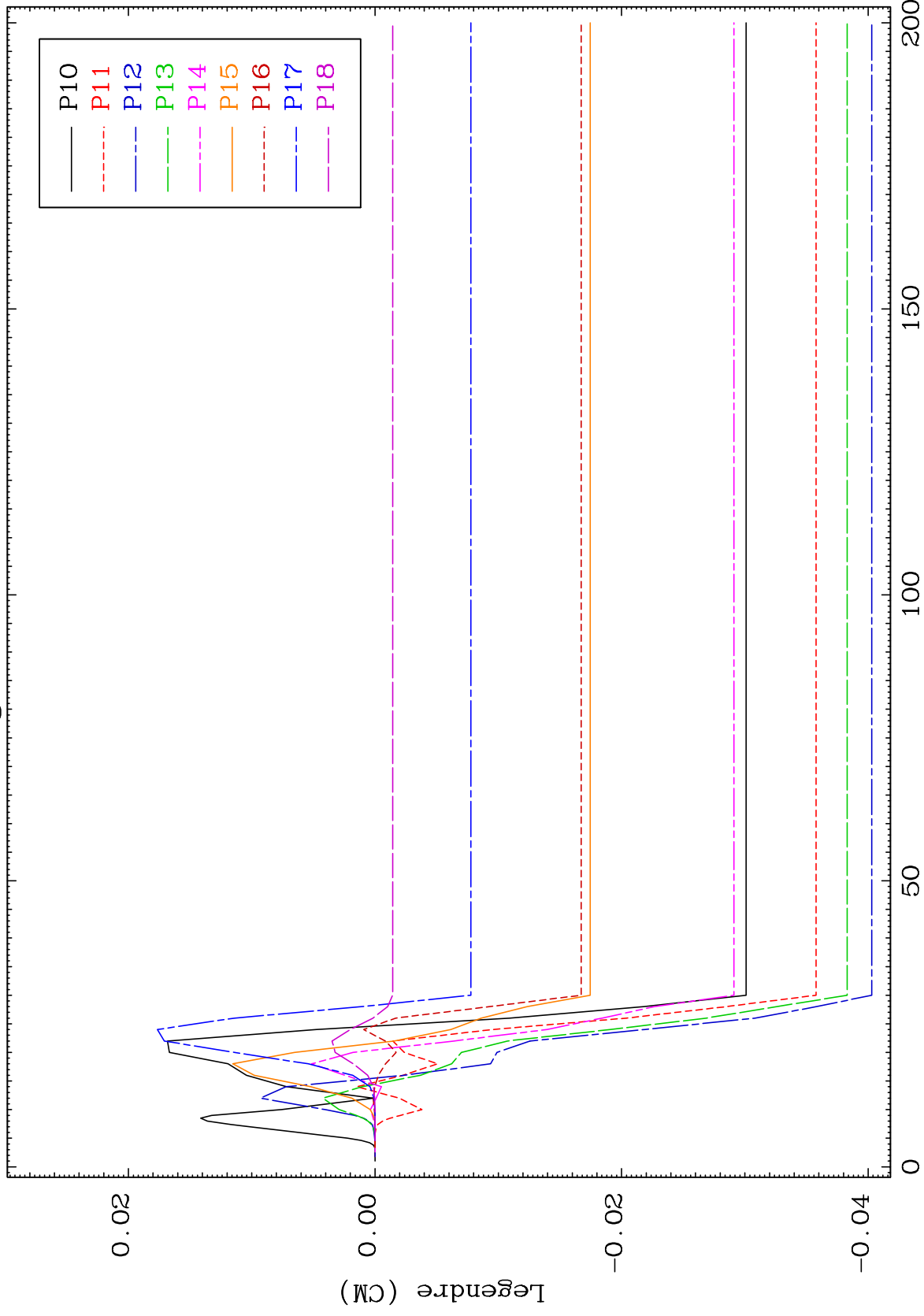
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



73

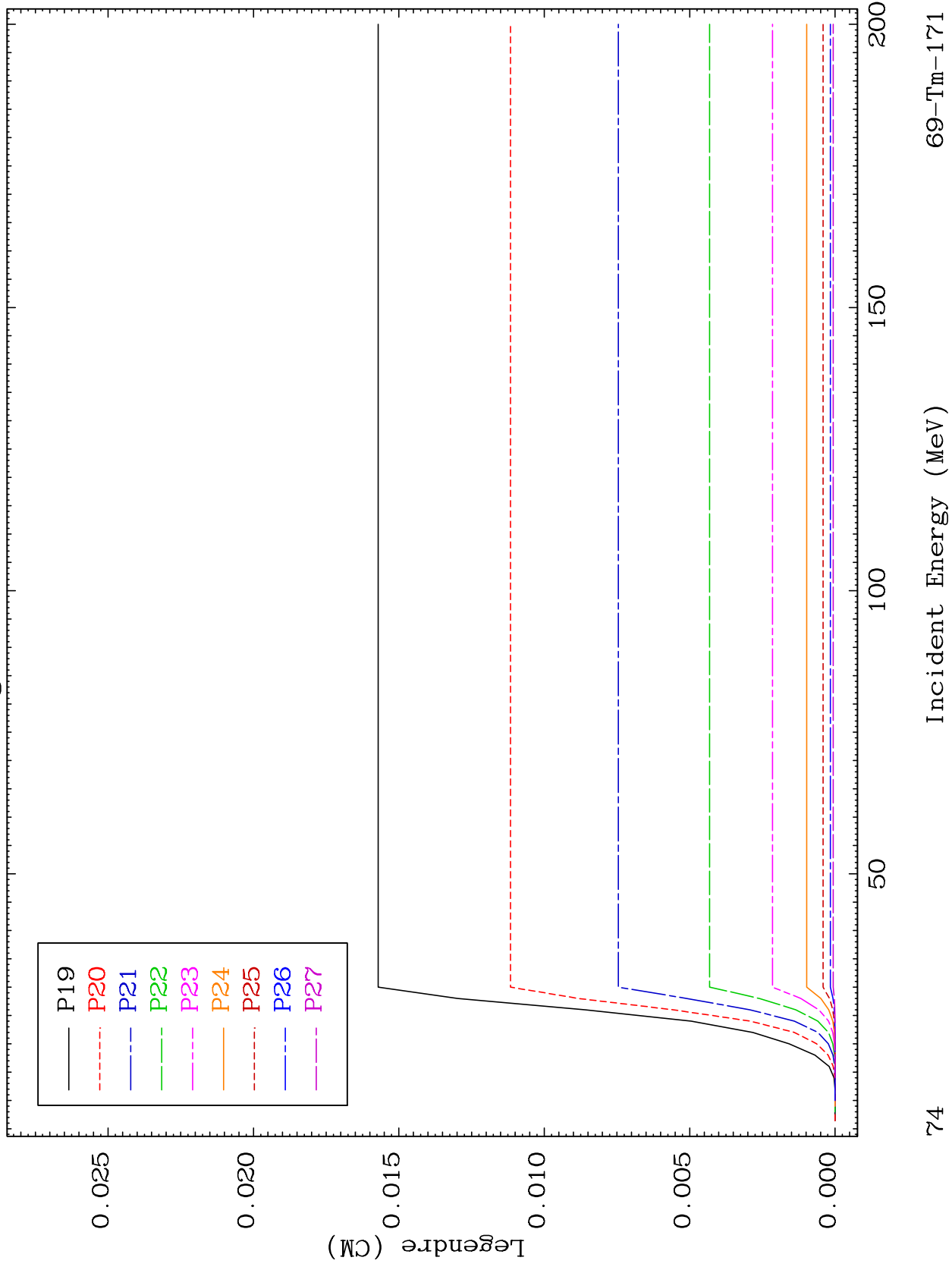
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



74

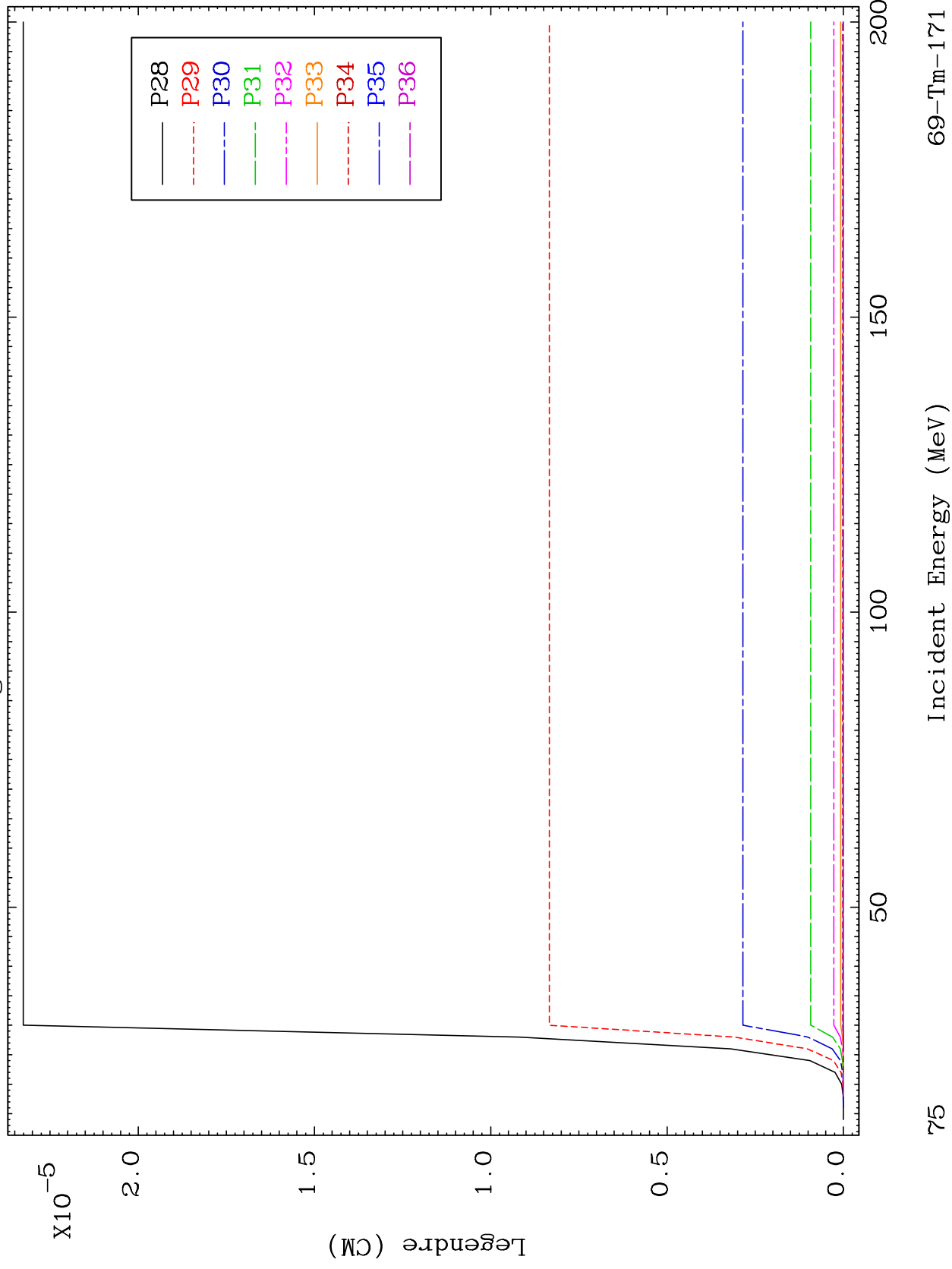
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

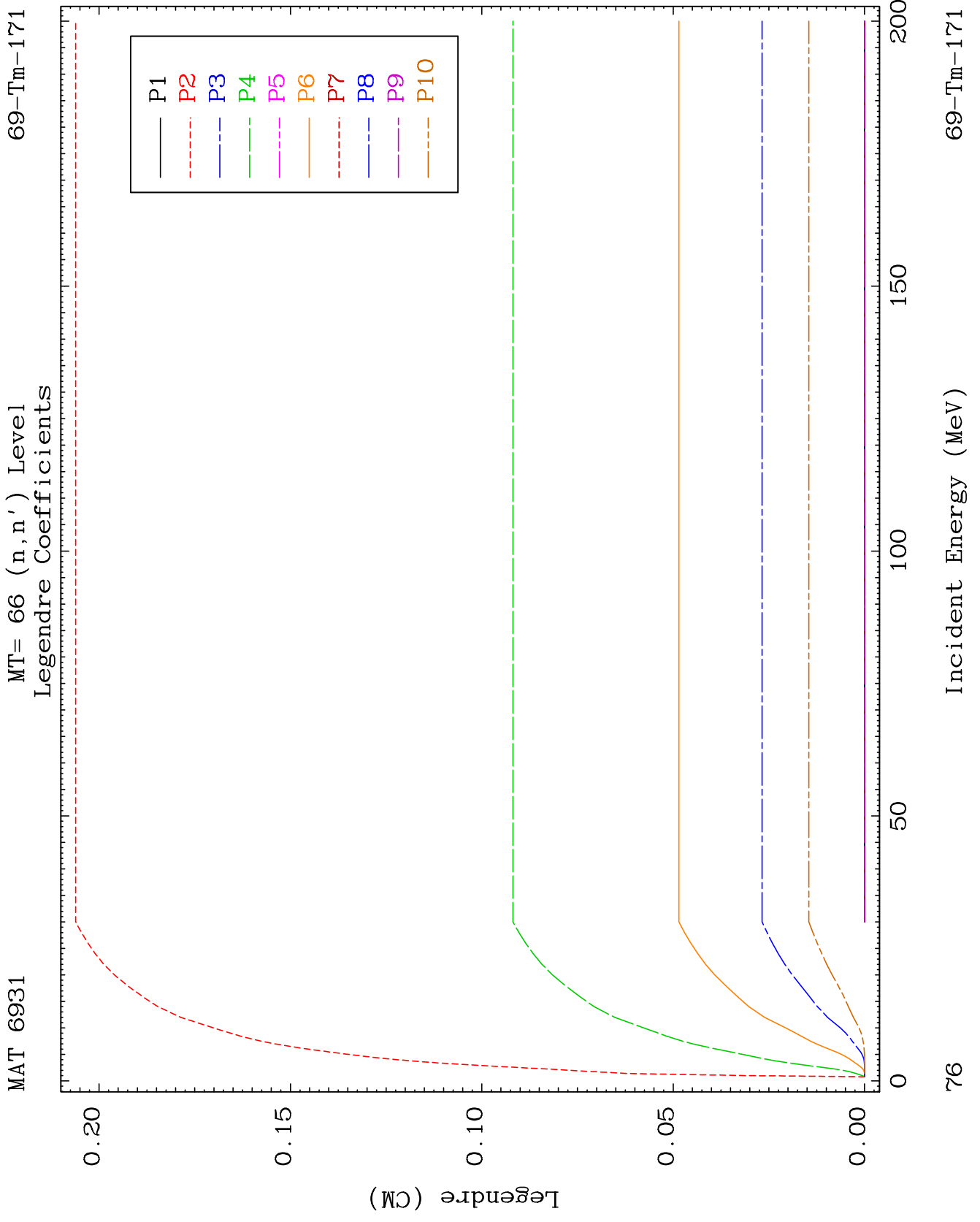
69-Tm-171

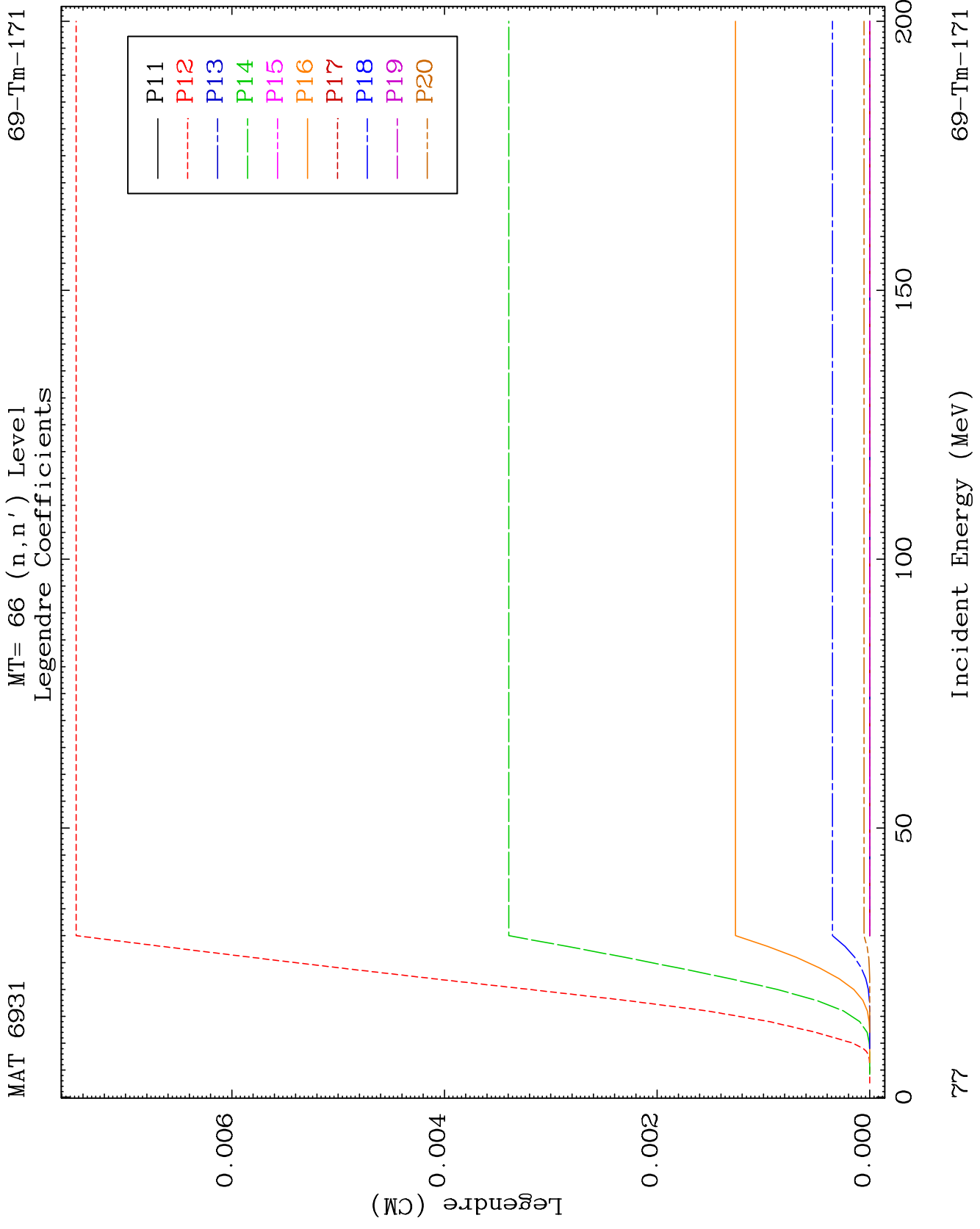


75

Incident Energy (MeV)

69-Tm-171



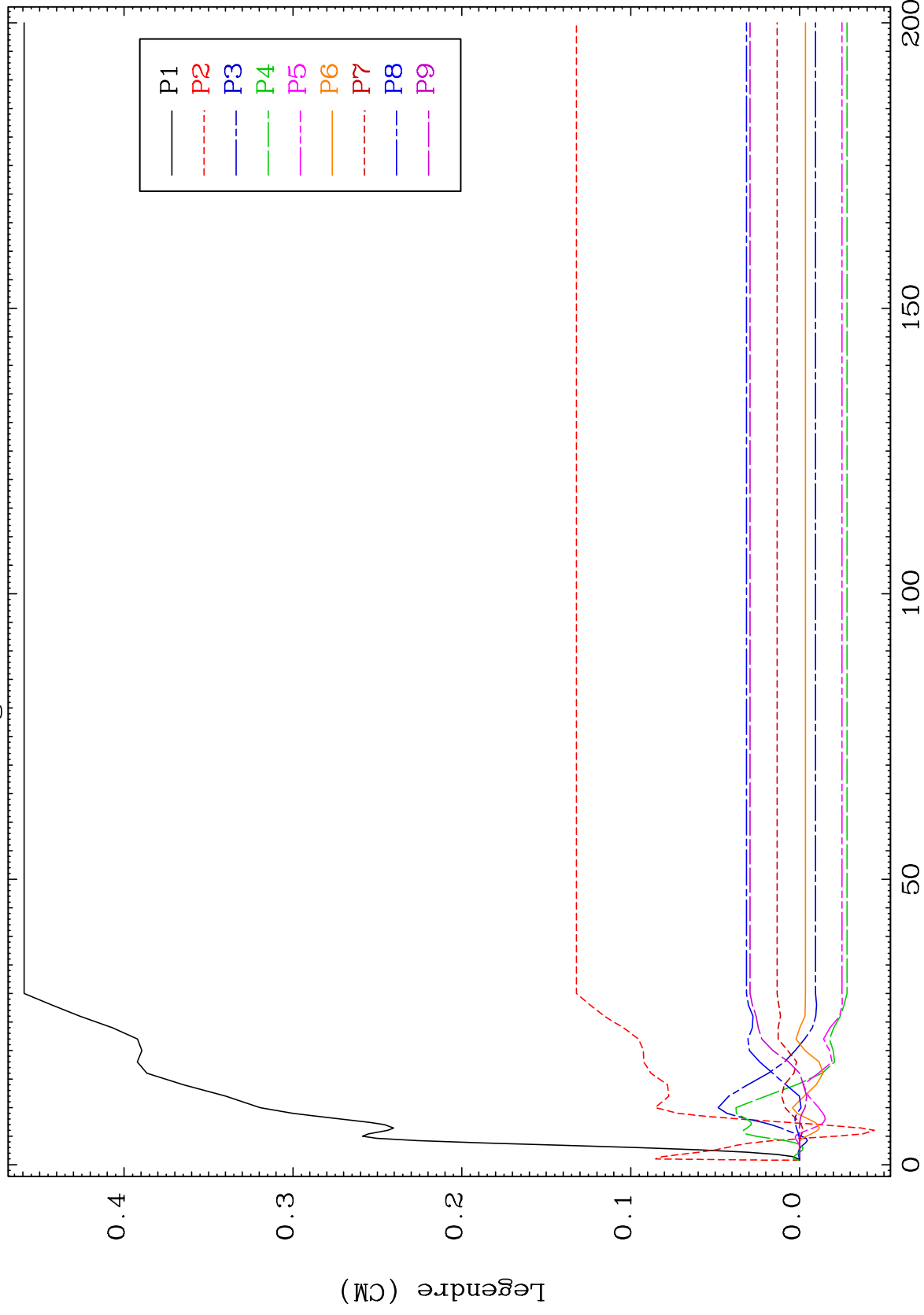




MAT 6931

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

69-Tm-171



79

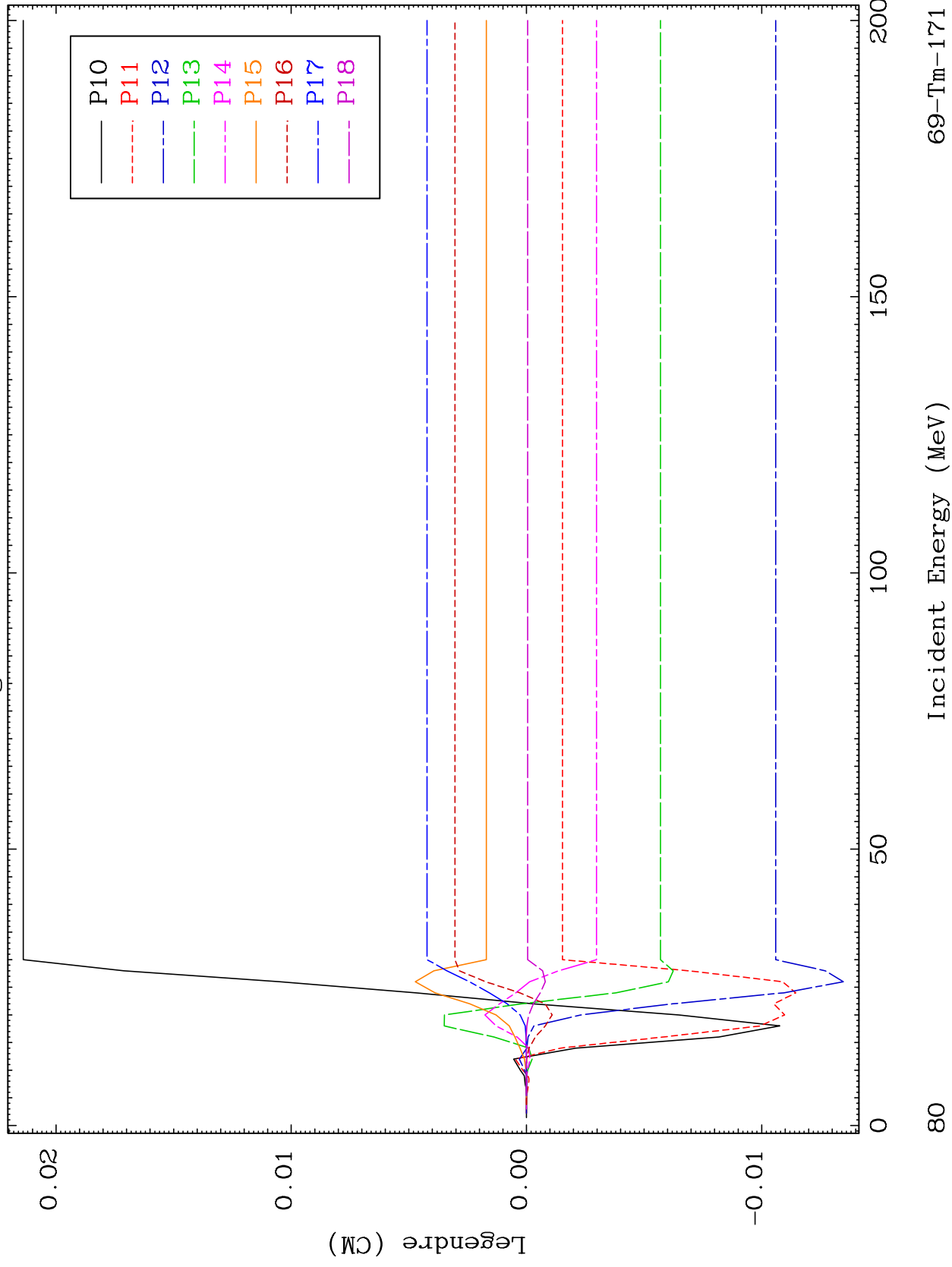
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

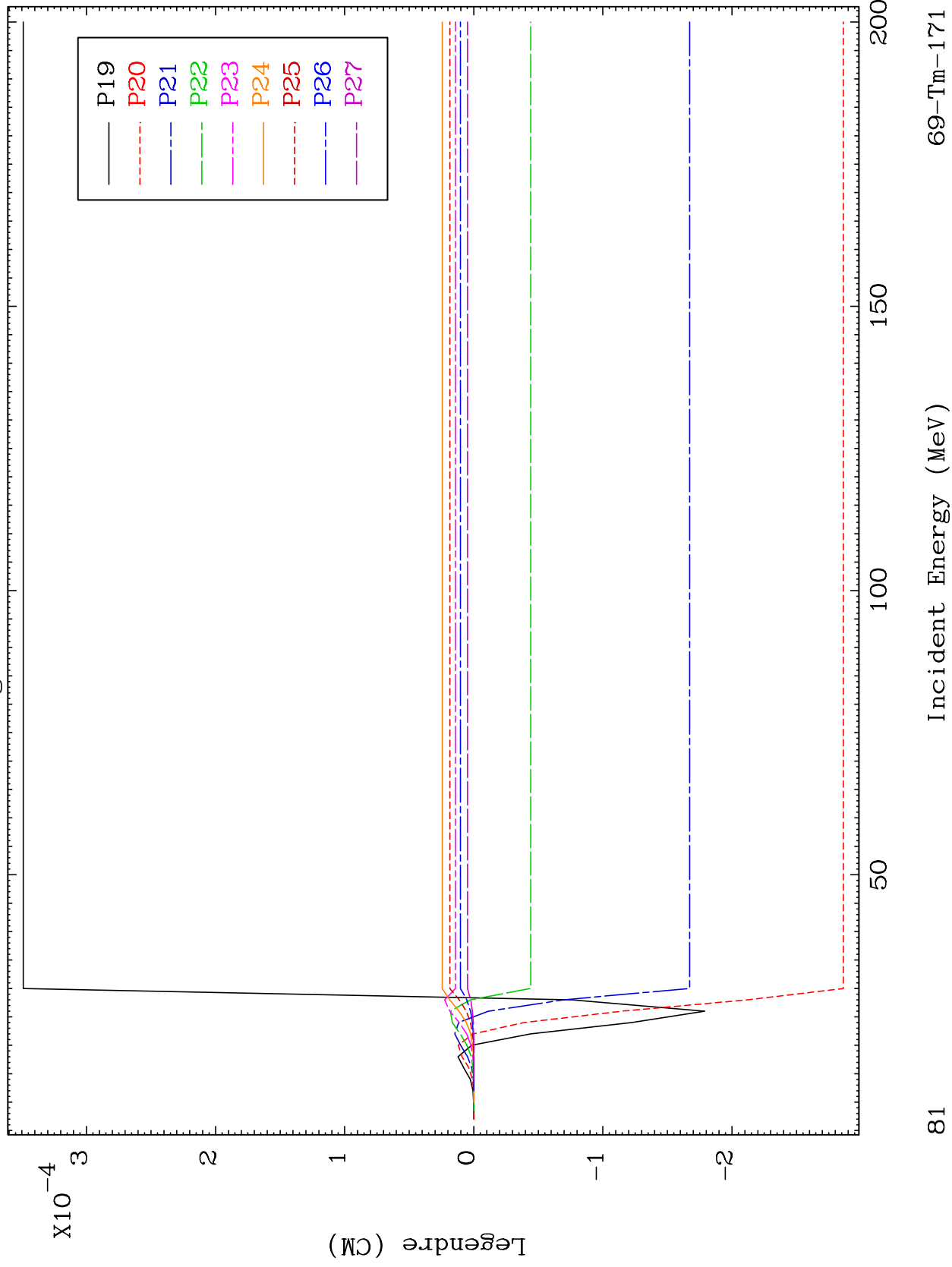
Incident Energy (MeV)

80

MAT 6931

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

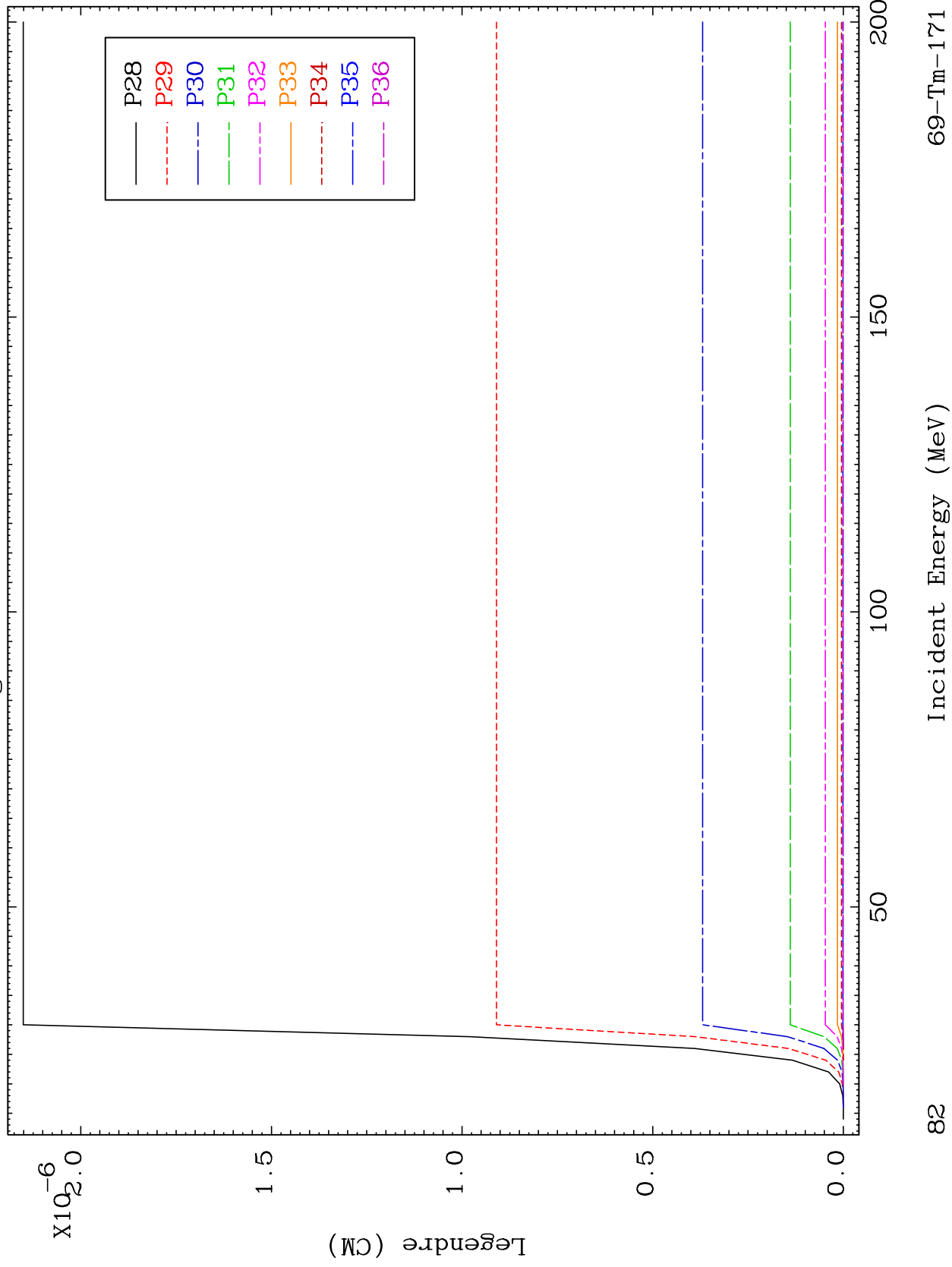
69-Tm-171



MAT 6931

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

69-Tm-171

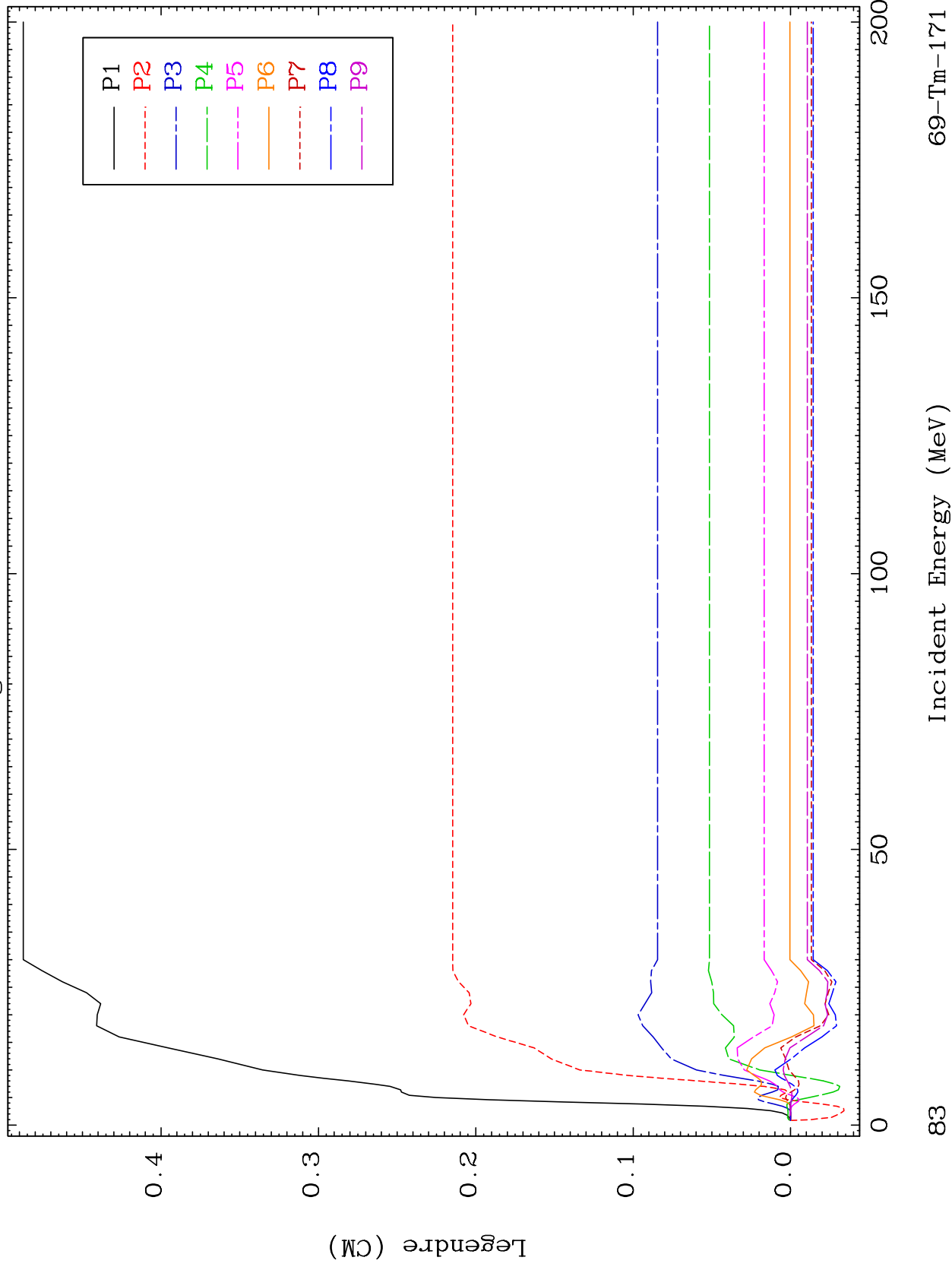


82

MAT 6931

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

69-Tm-171



83

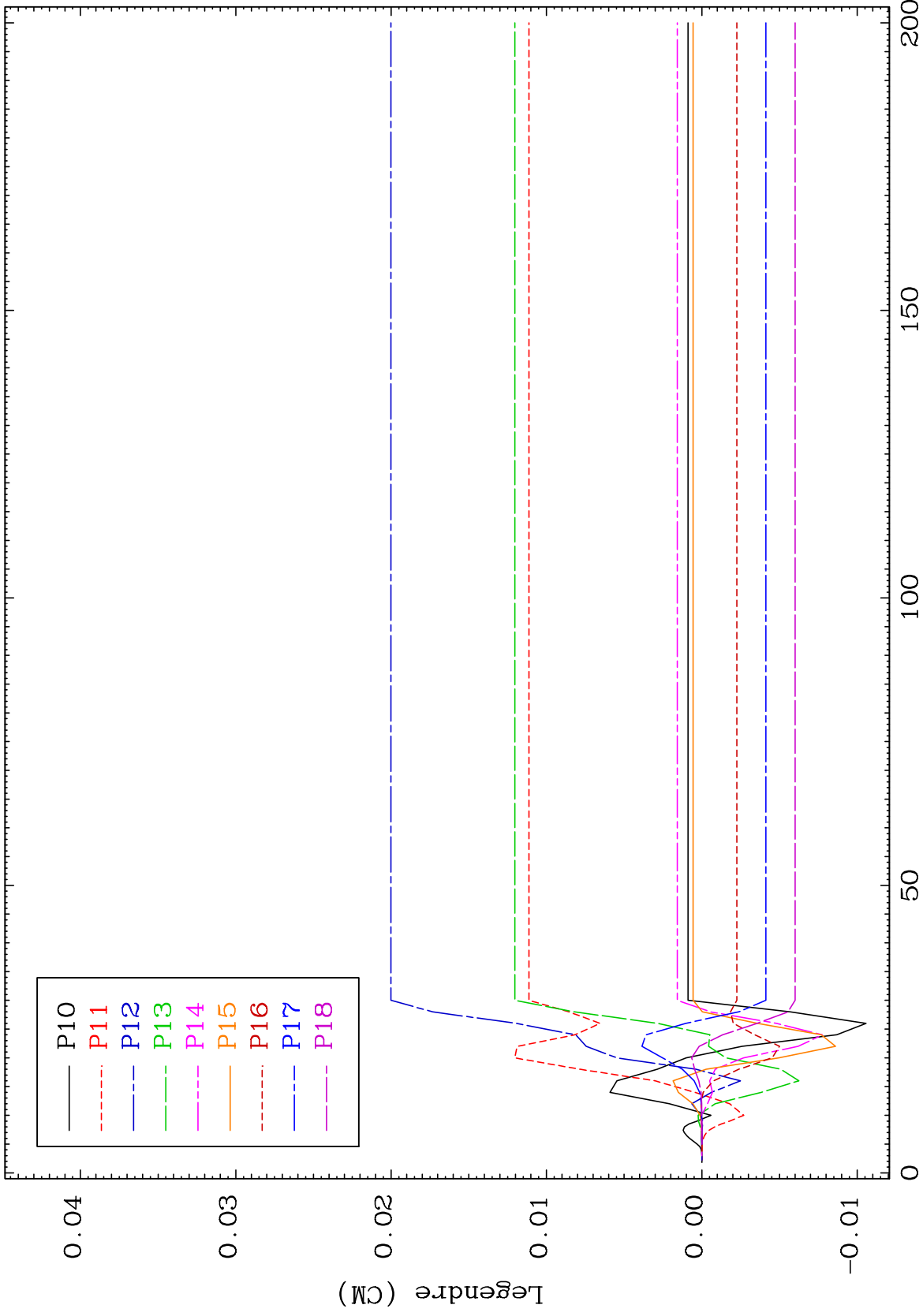
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



84

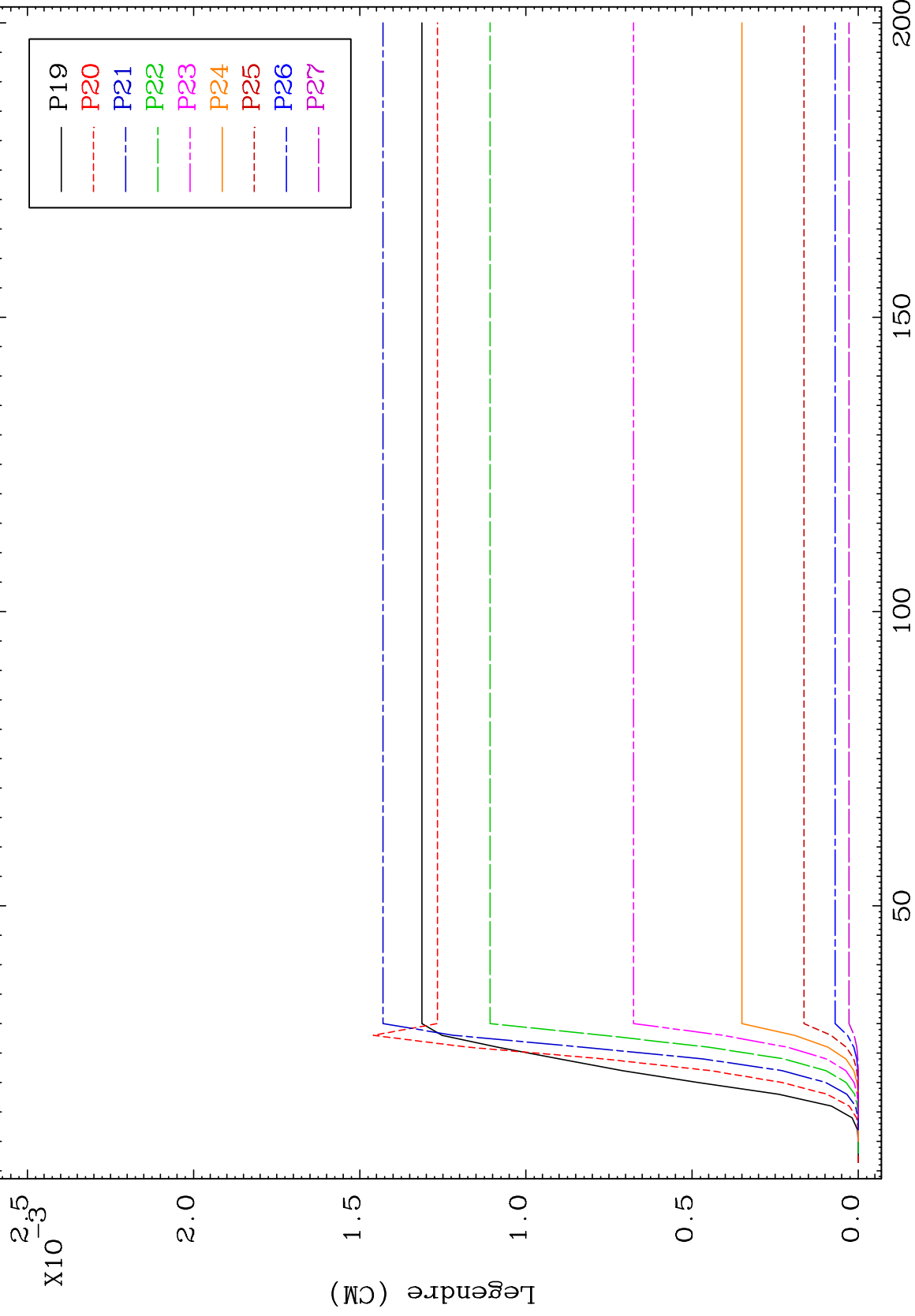
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



85

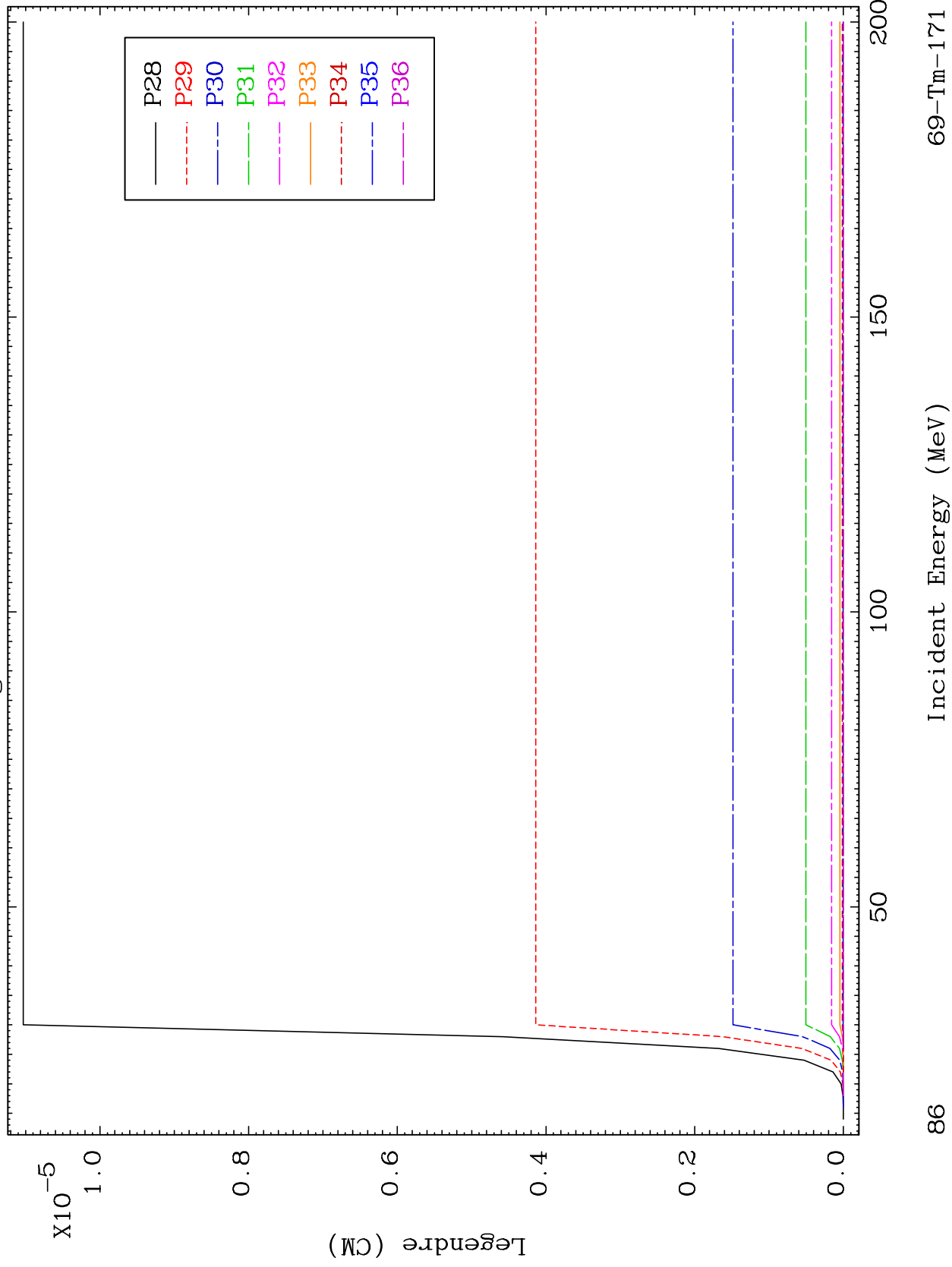
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

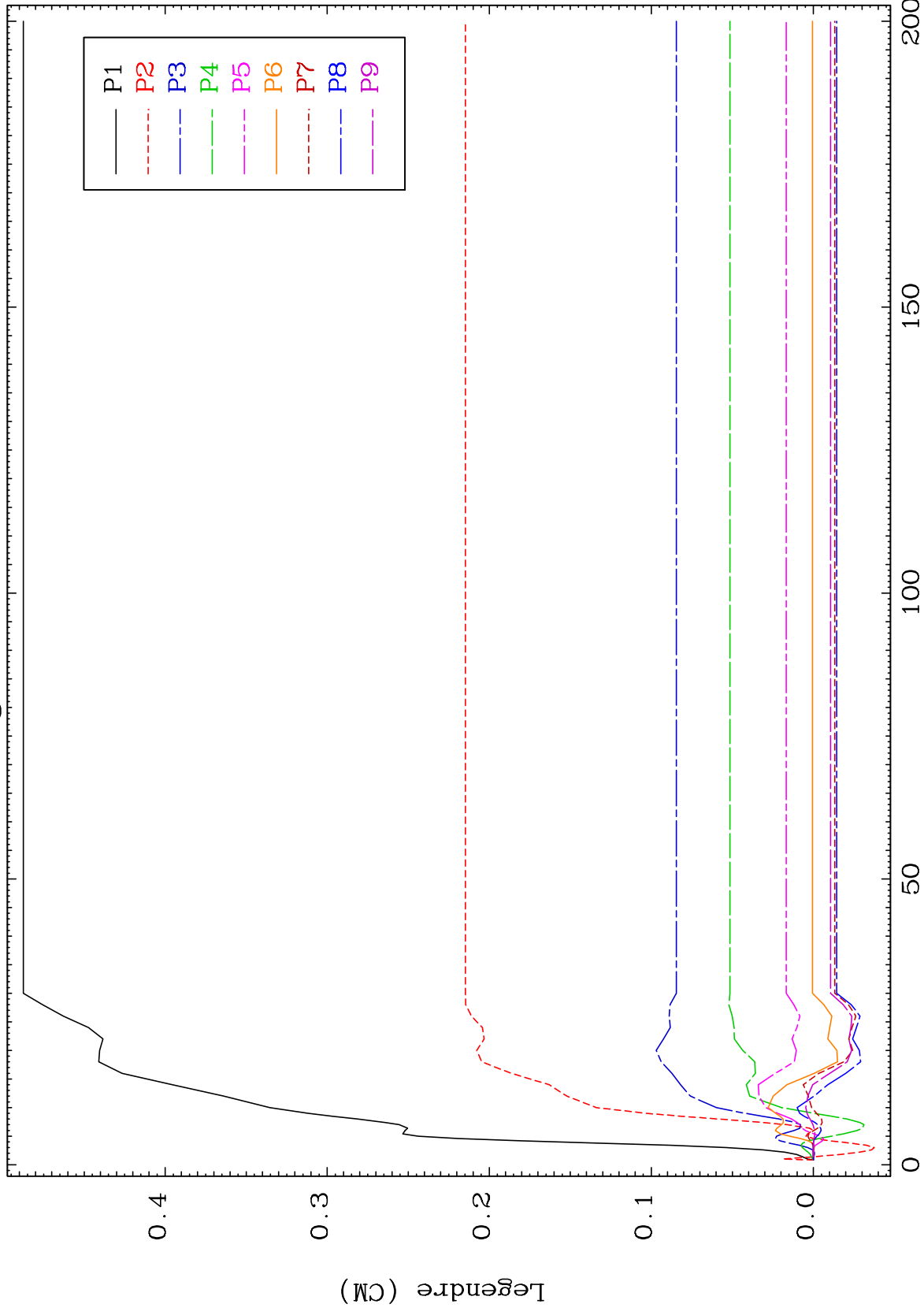
69-Tm-171



MAT 6931

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

69-Tm-171



87

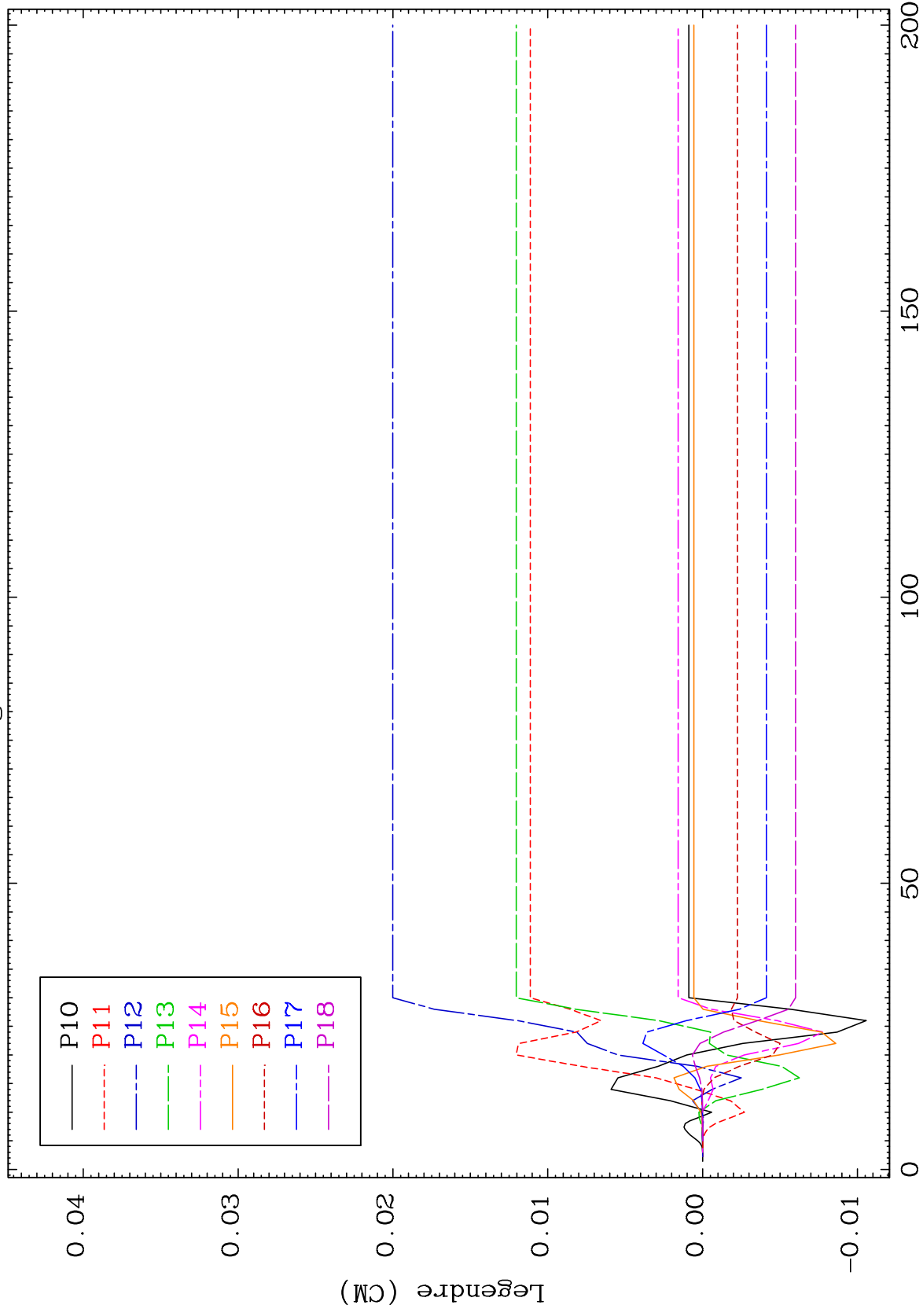
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



88

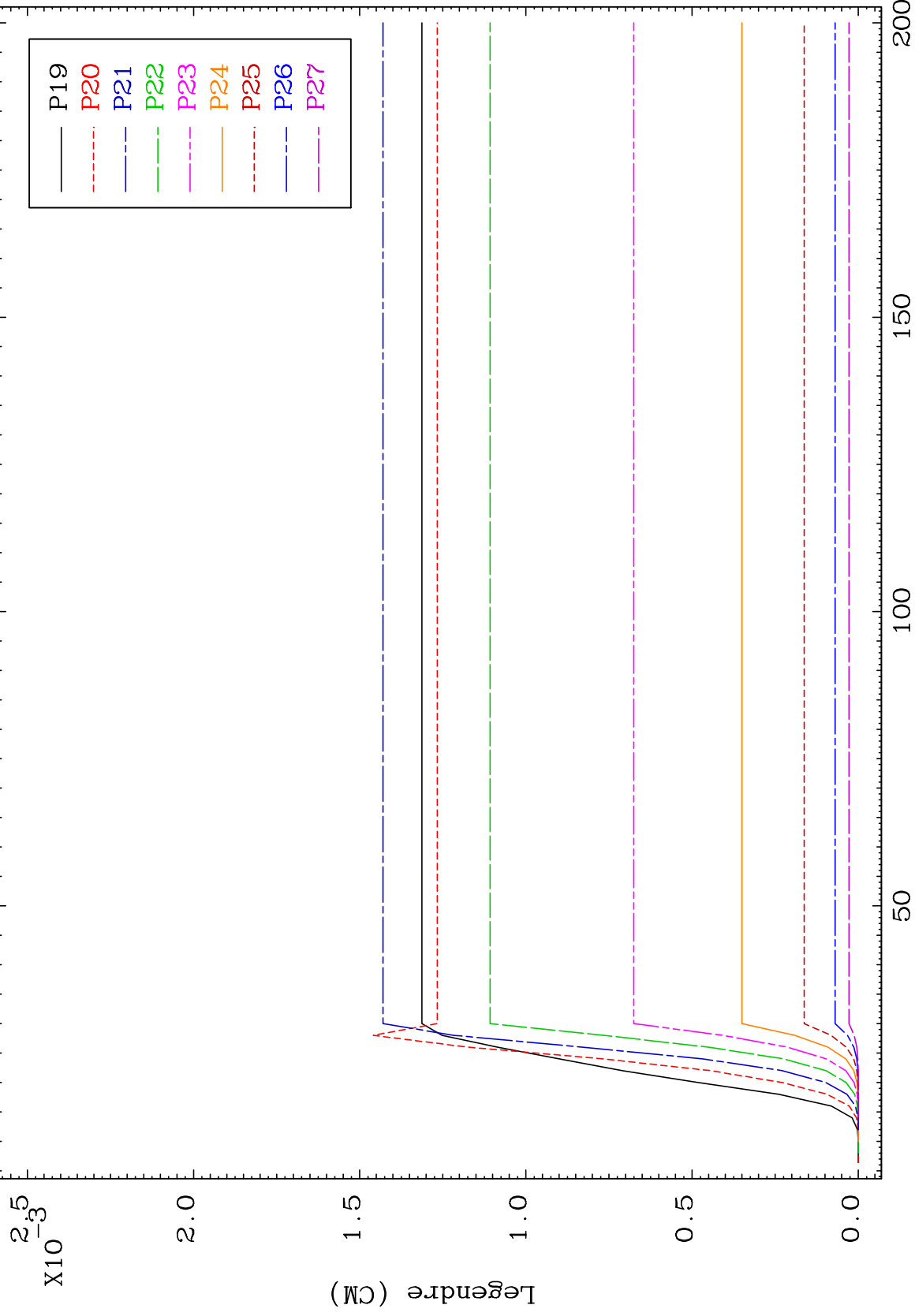
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



89

Incident Energy (MeV)

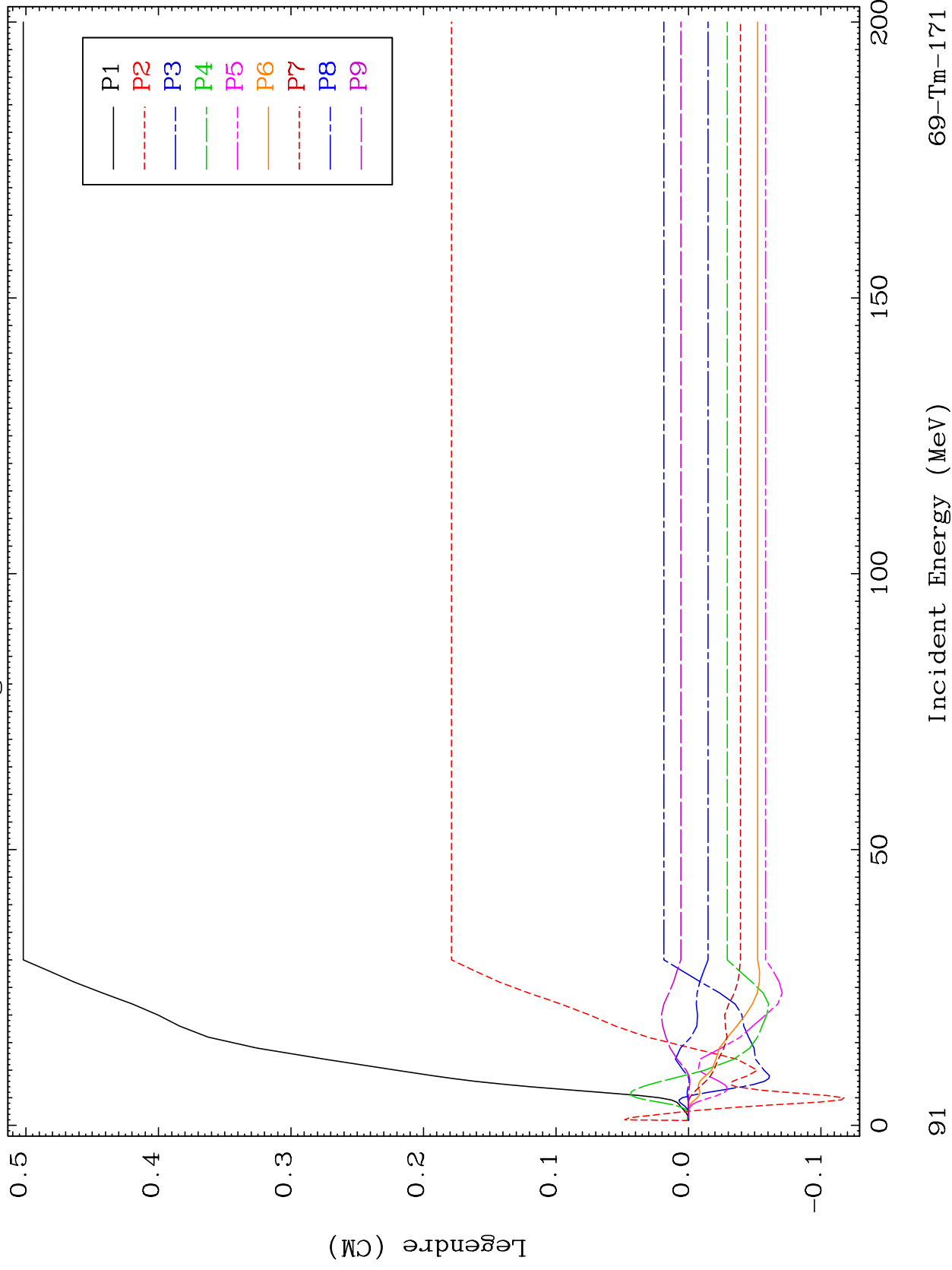
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

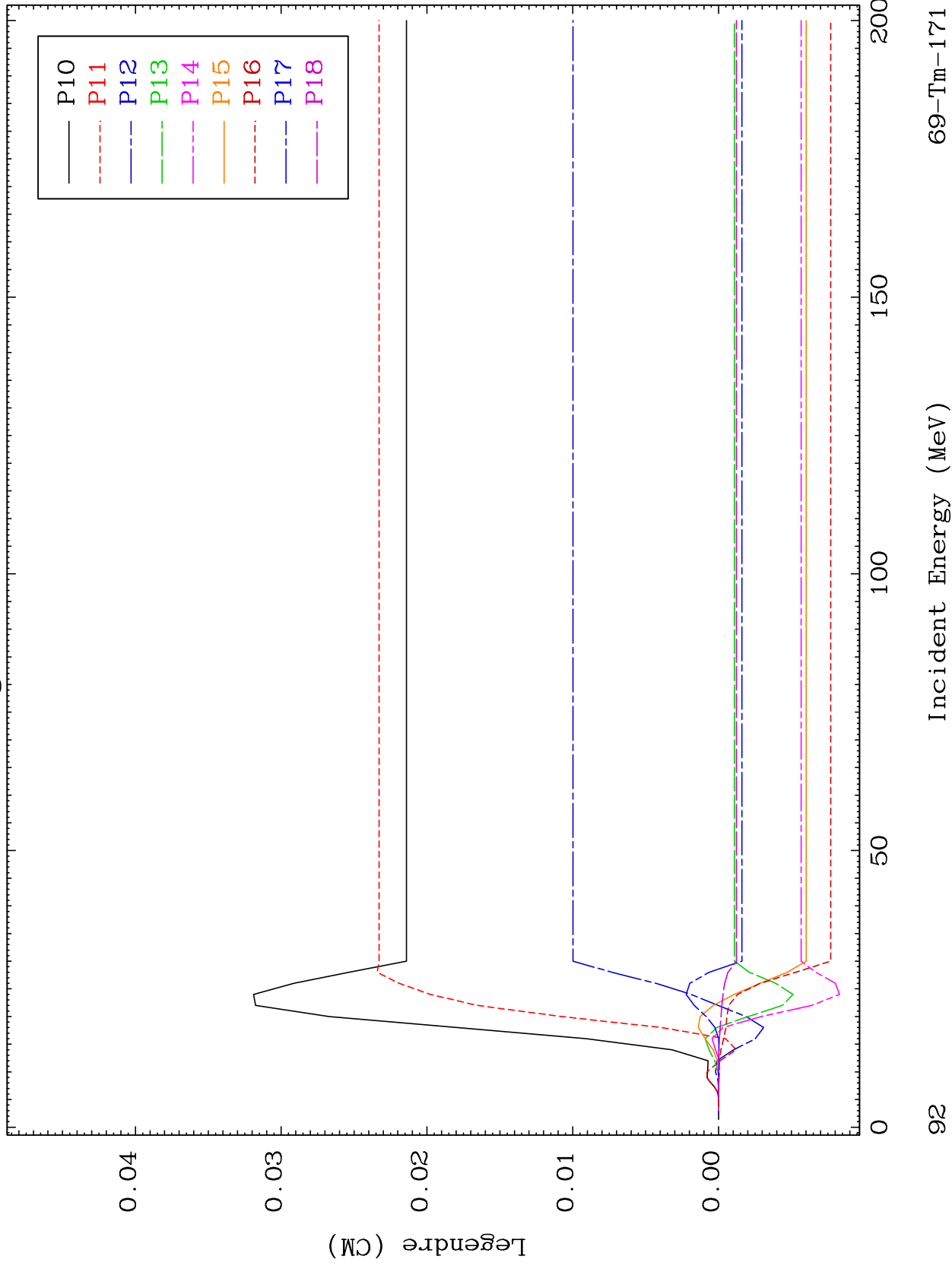
Incident Energy (MeV)

91

MAT 6931

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

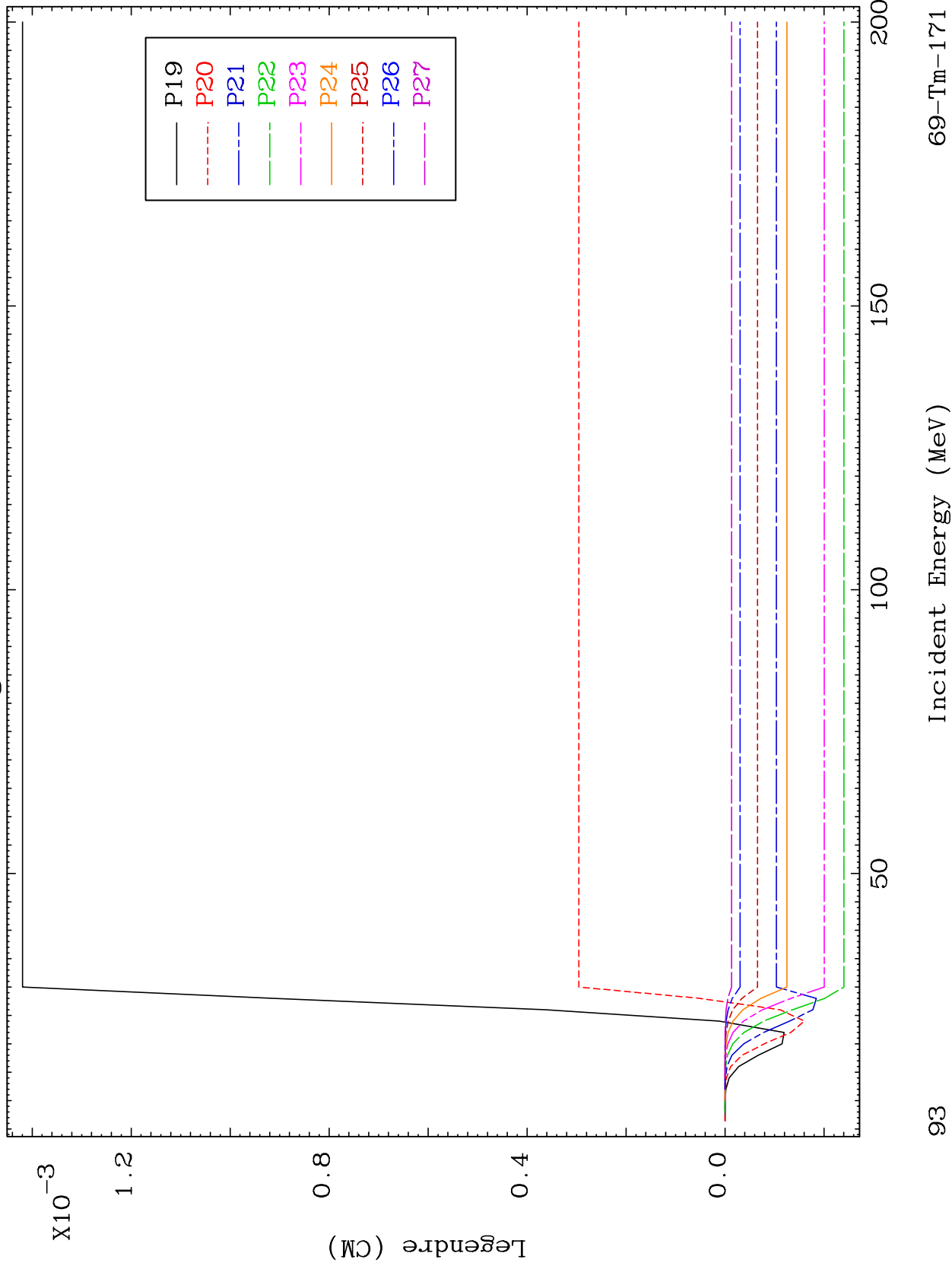
69-Tm-171

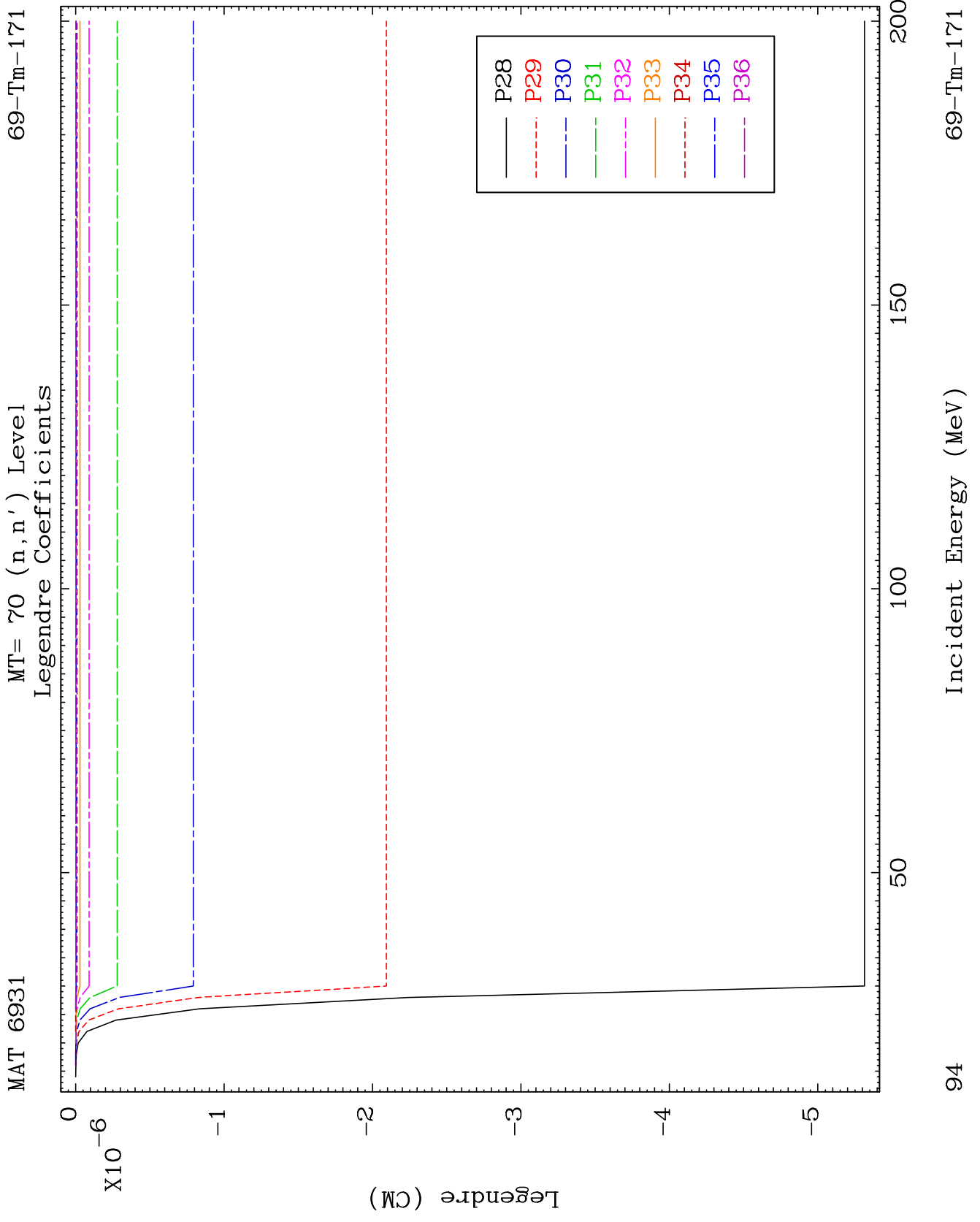


69-Tm-171

Incident Energy (MeV)

92

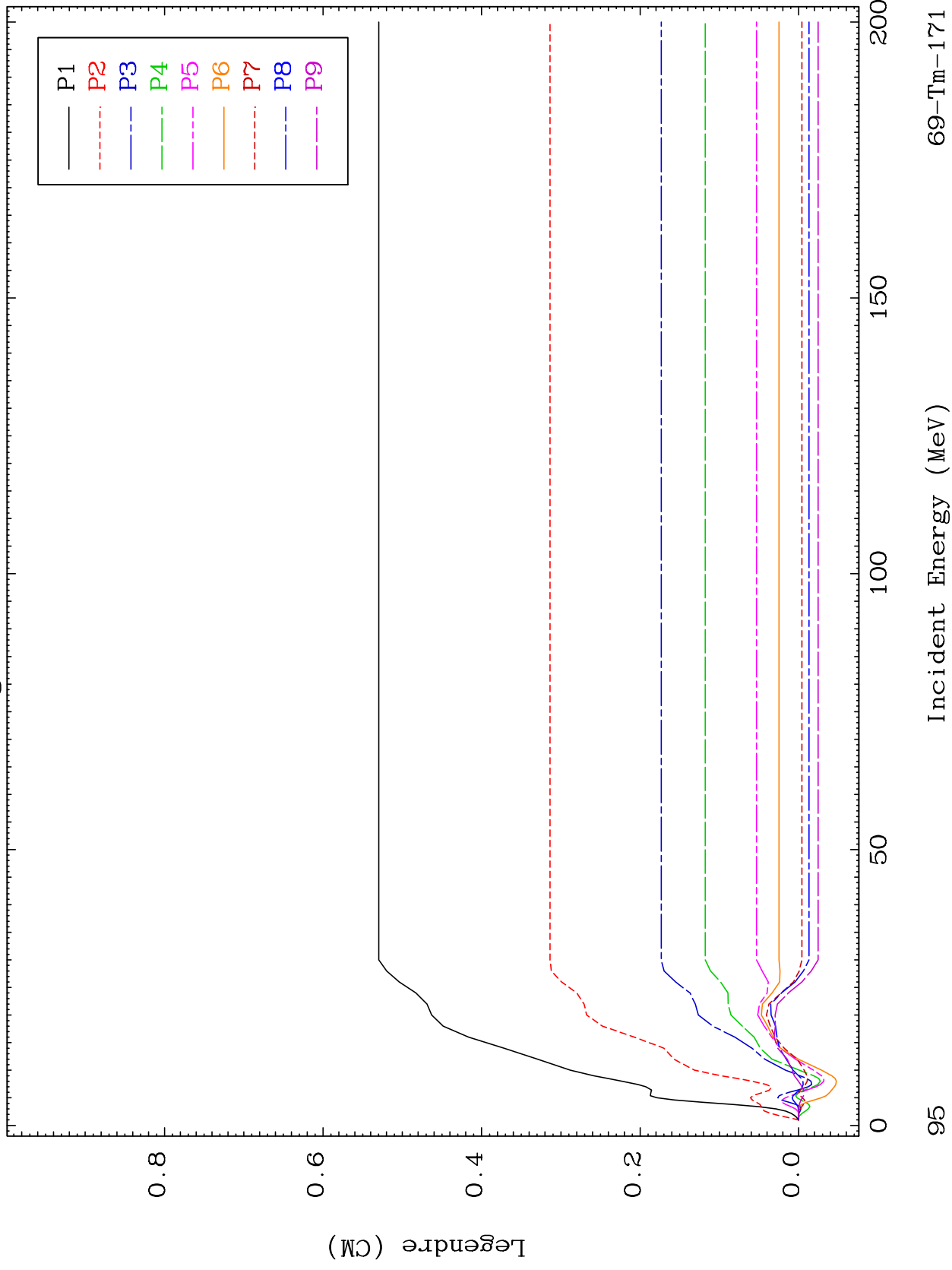




MAT 6931

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

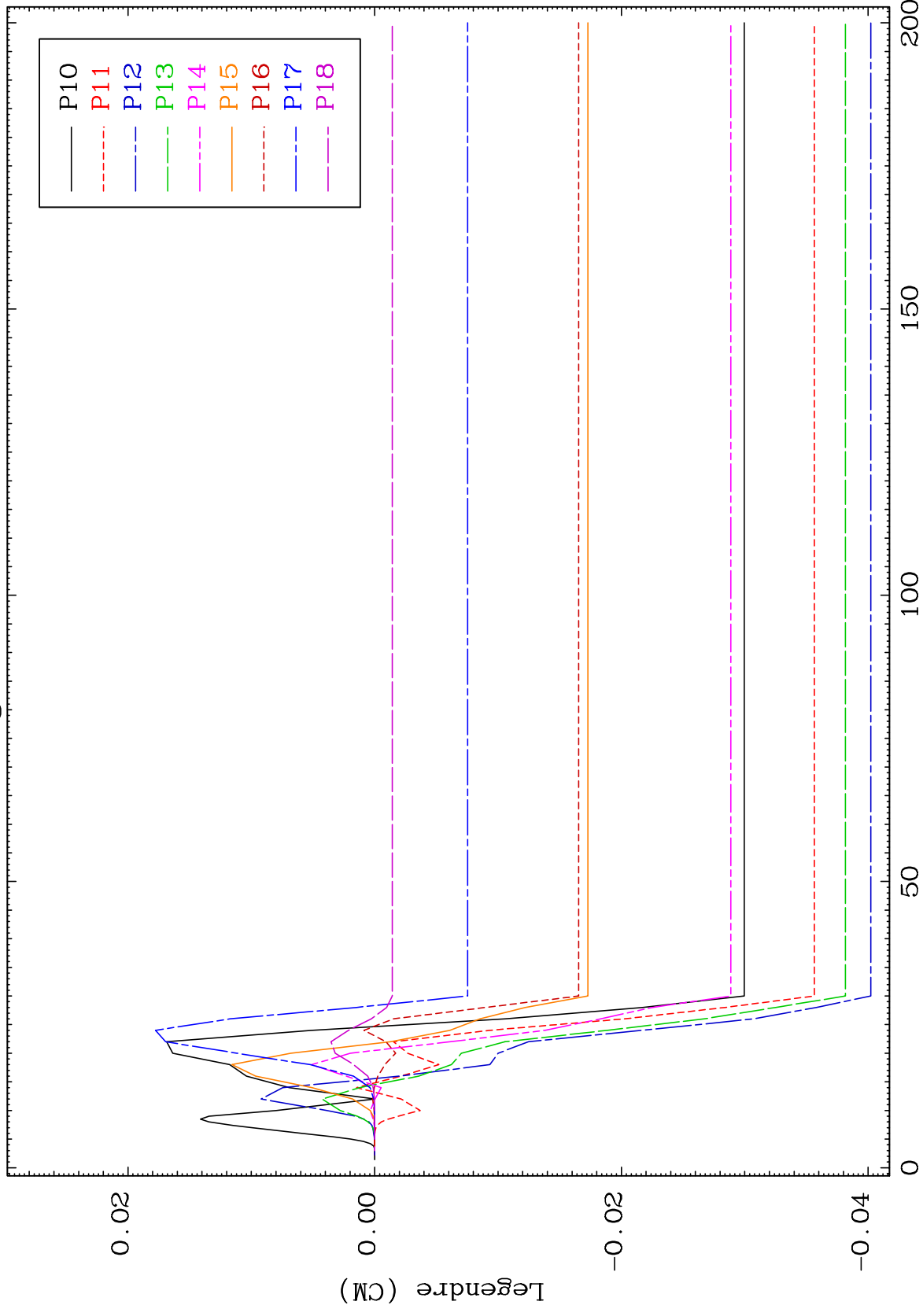
69-Tm-171



MAT 6931

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

69-Tm-171



96

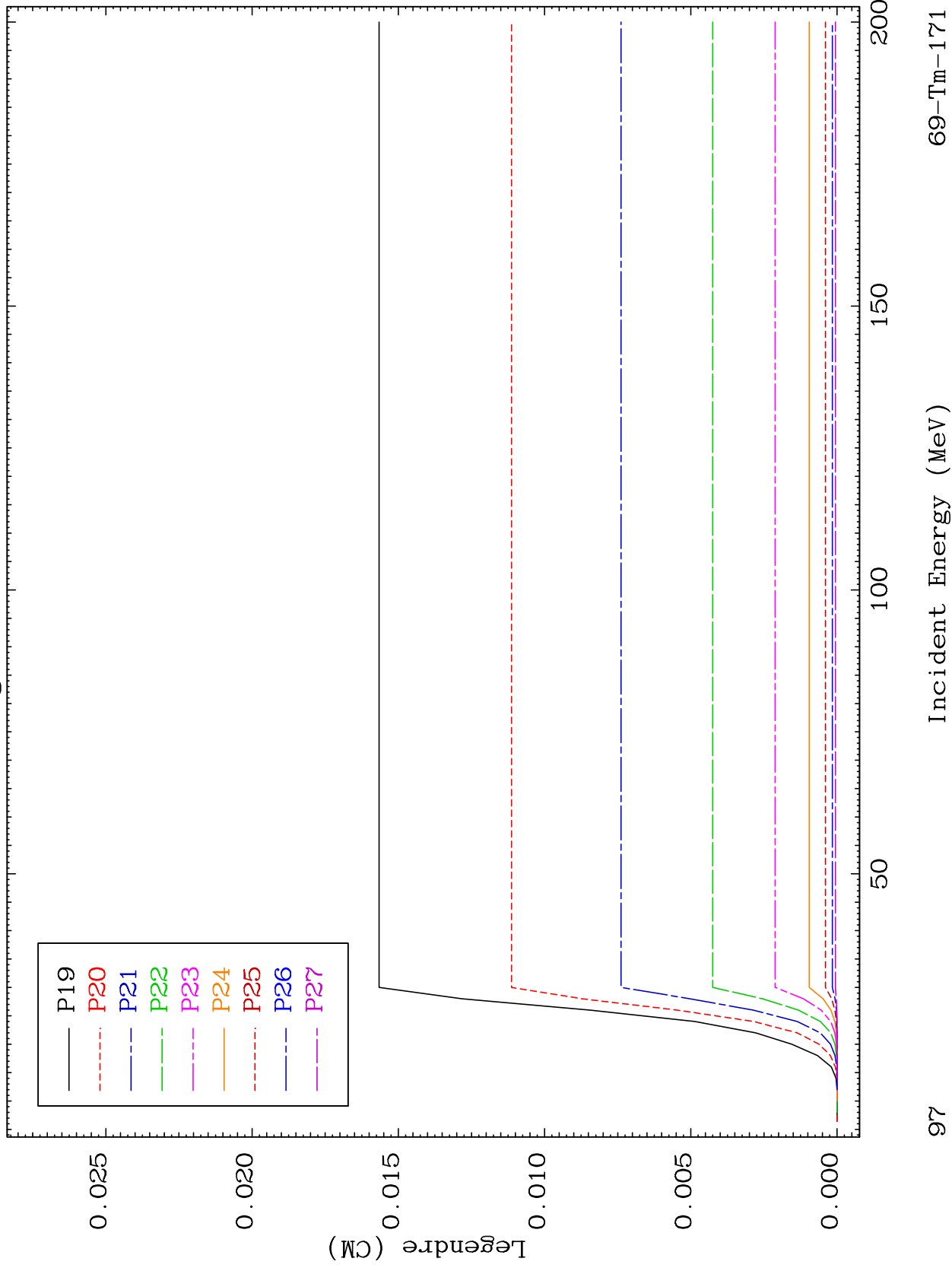
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



97

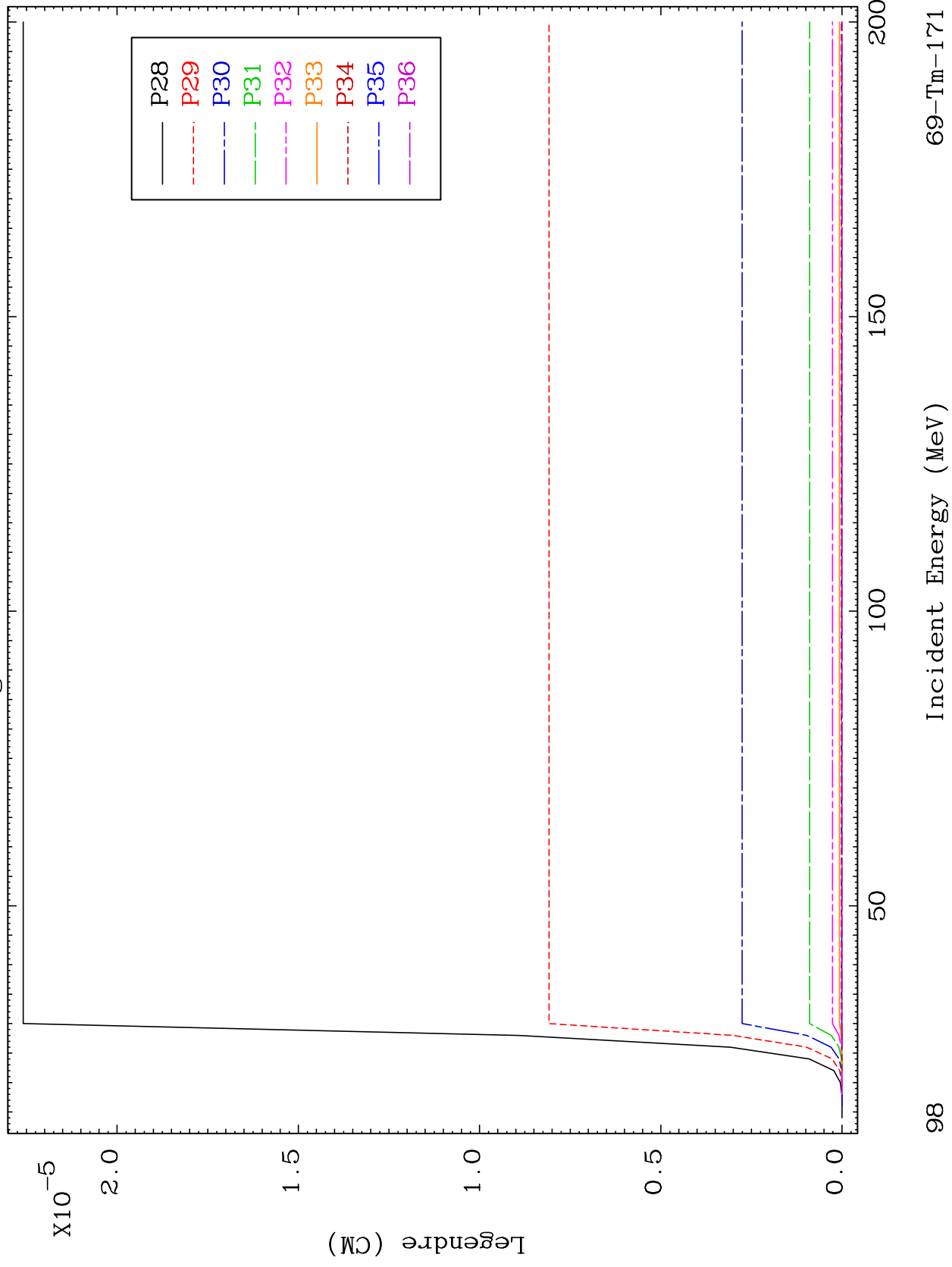
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



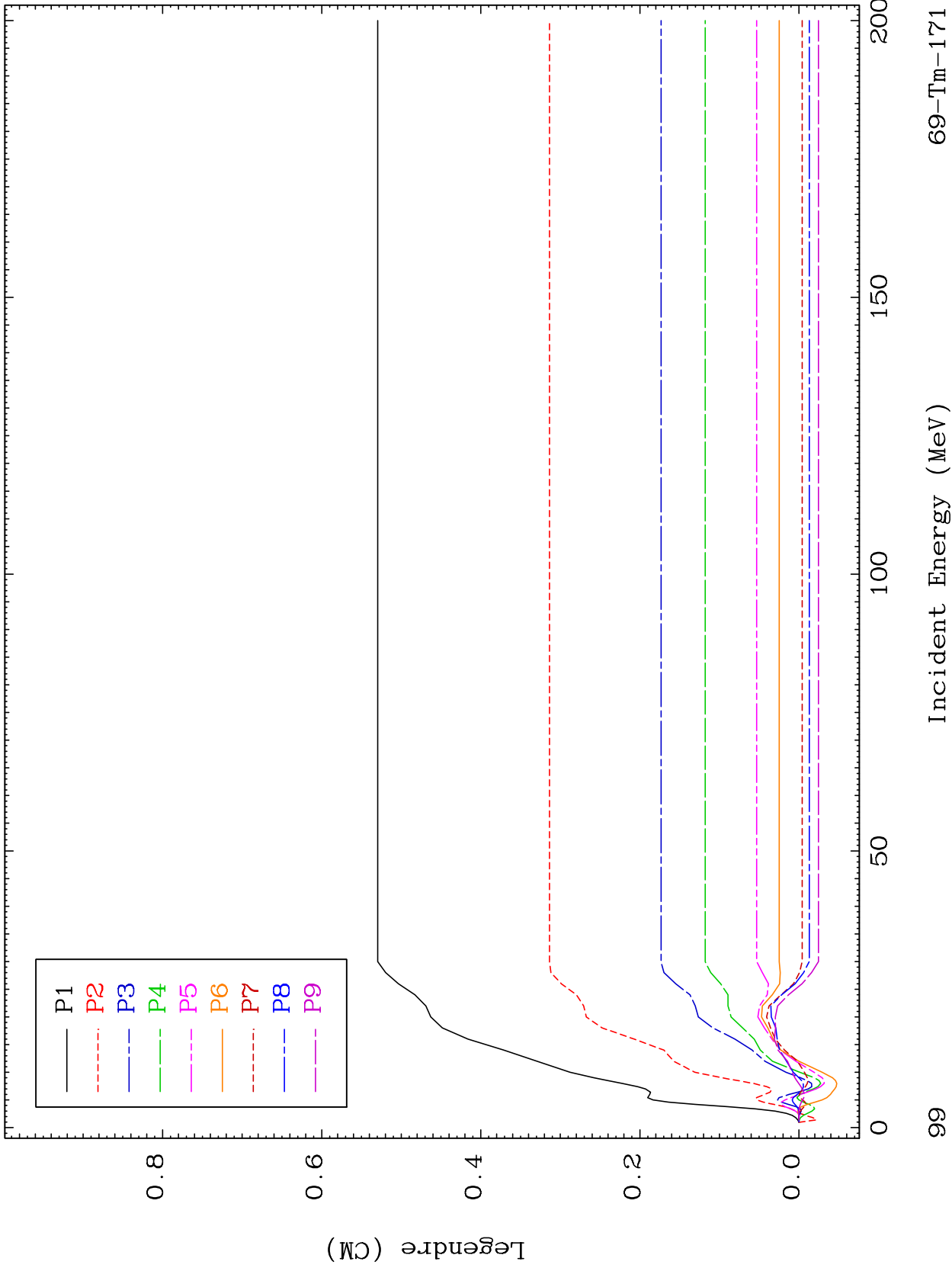
98

69-Tm-171

MAT 6931

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

69-Tm-171



99

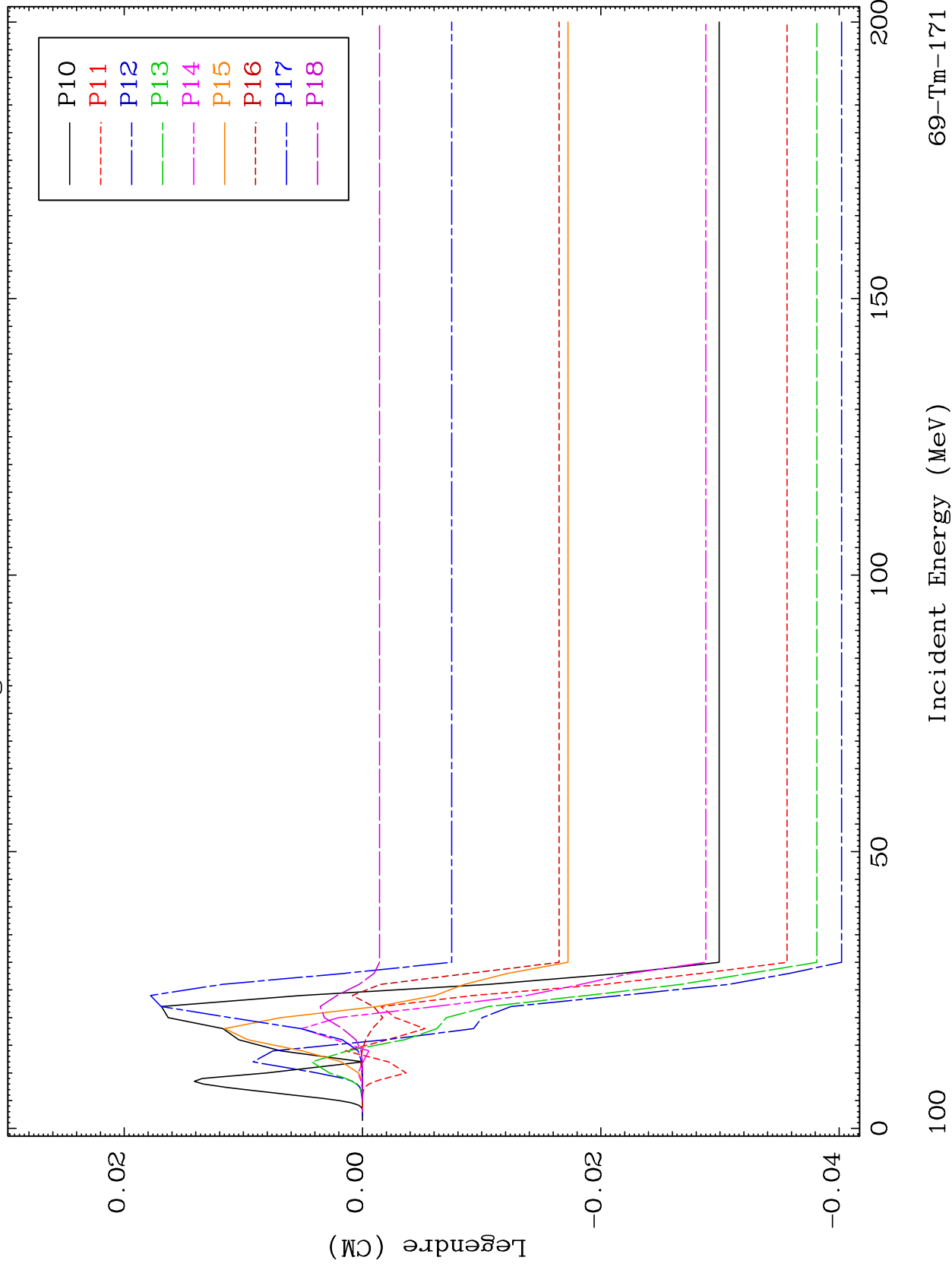
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

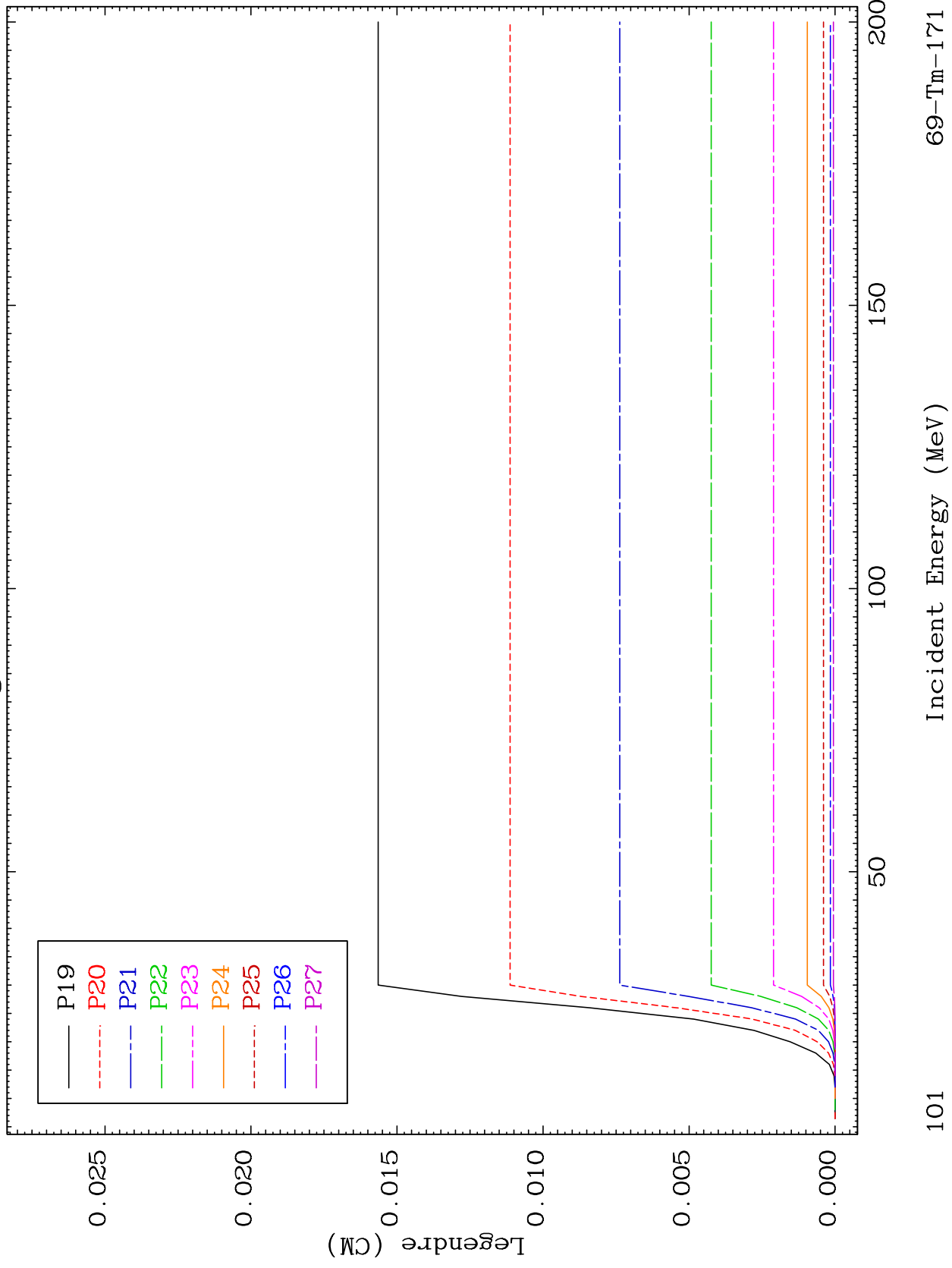
69-Tm-171



MAT 6931

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

69-Tm-171



101

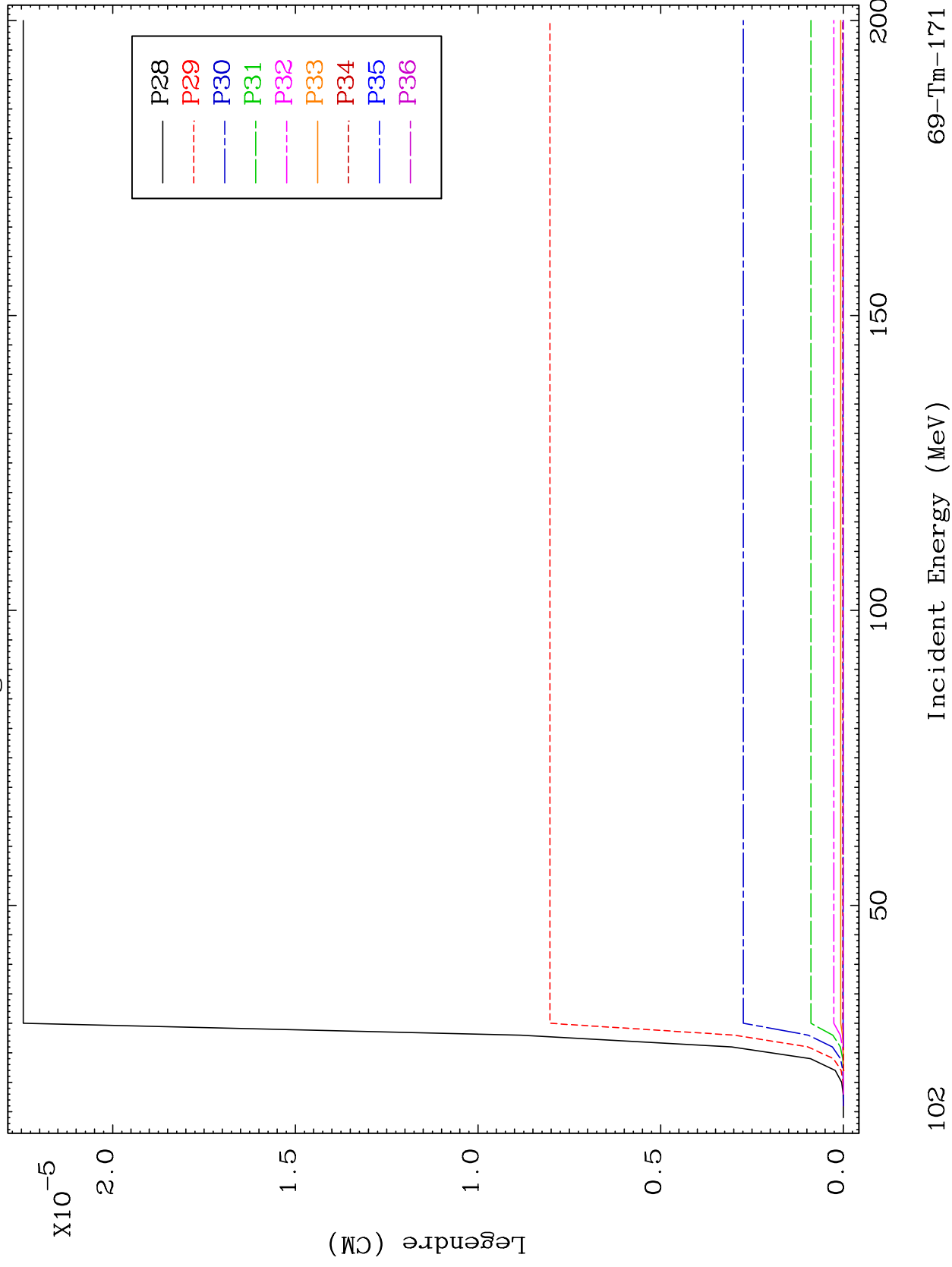
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



102

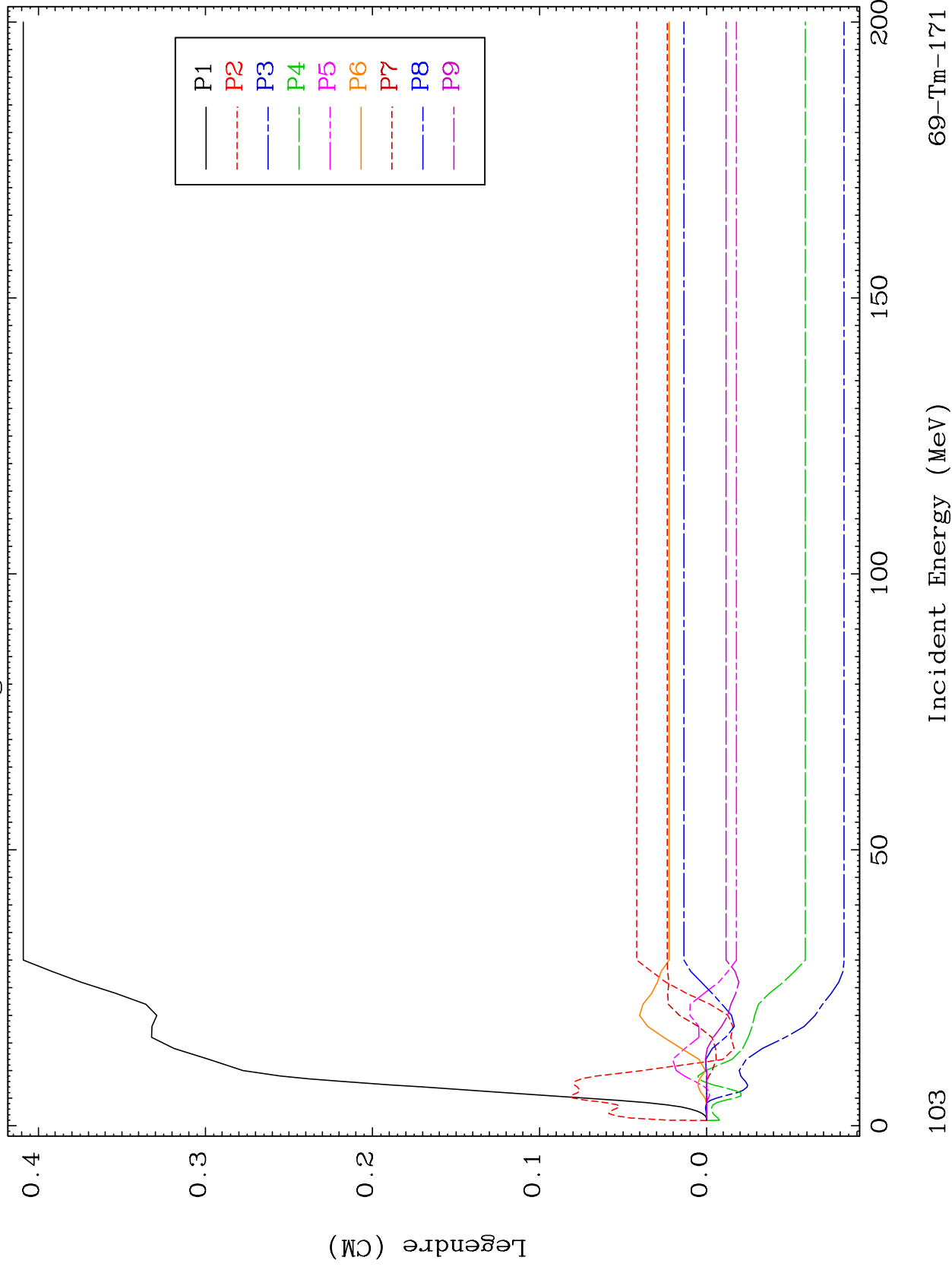
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



69-Tm-171

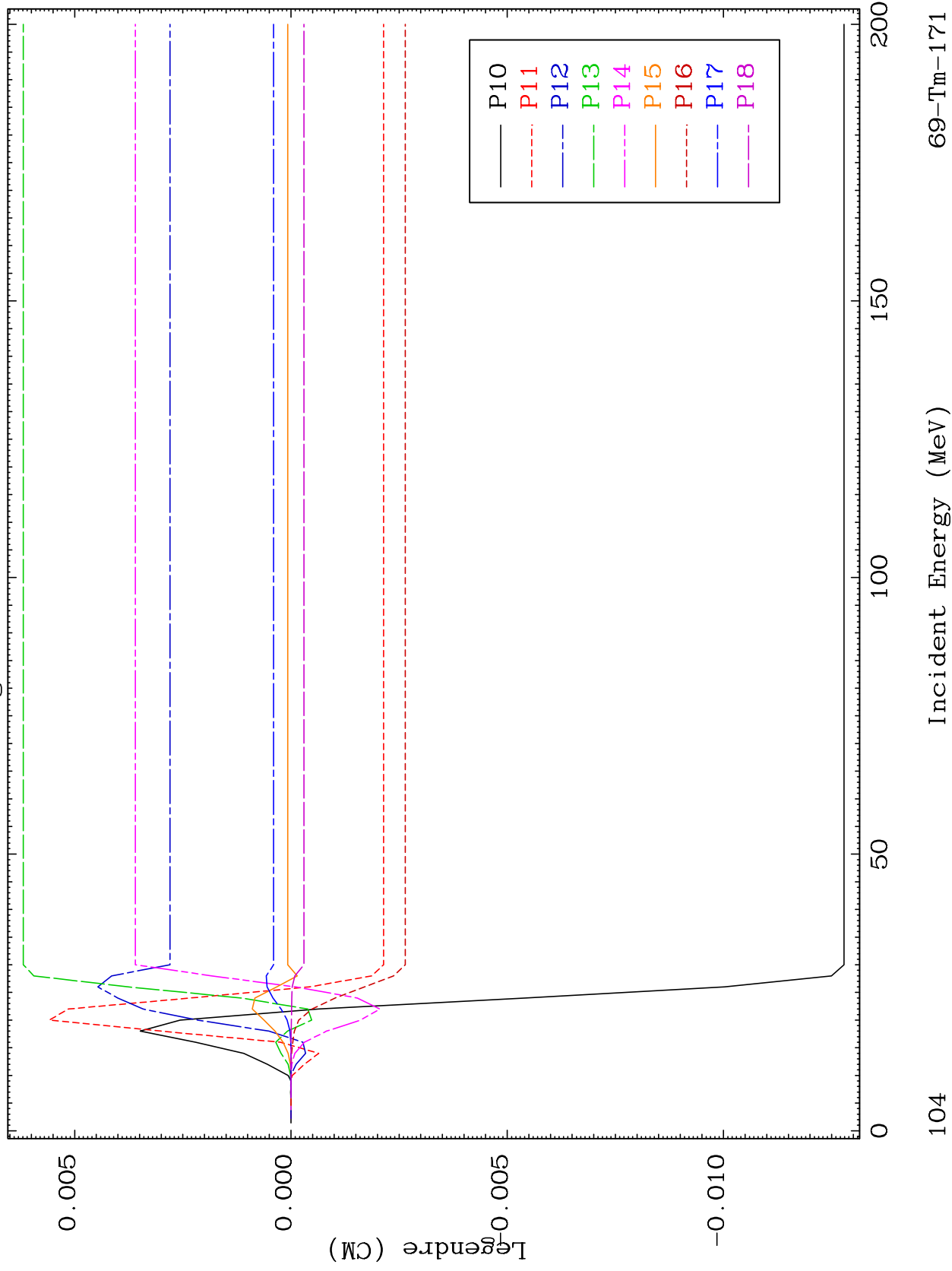
Incident Energy (MeV)

103

MAT 6931

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

69-Tm-171



69-Tm-171

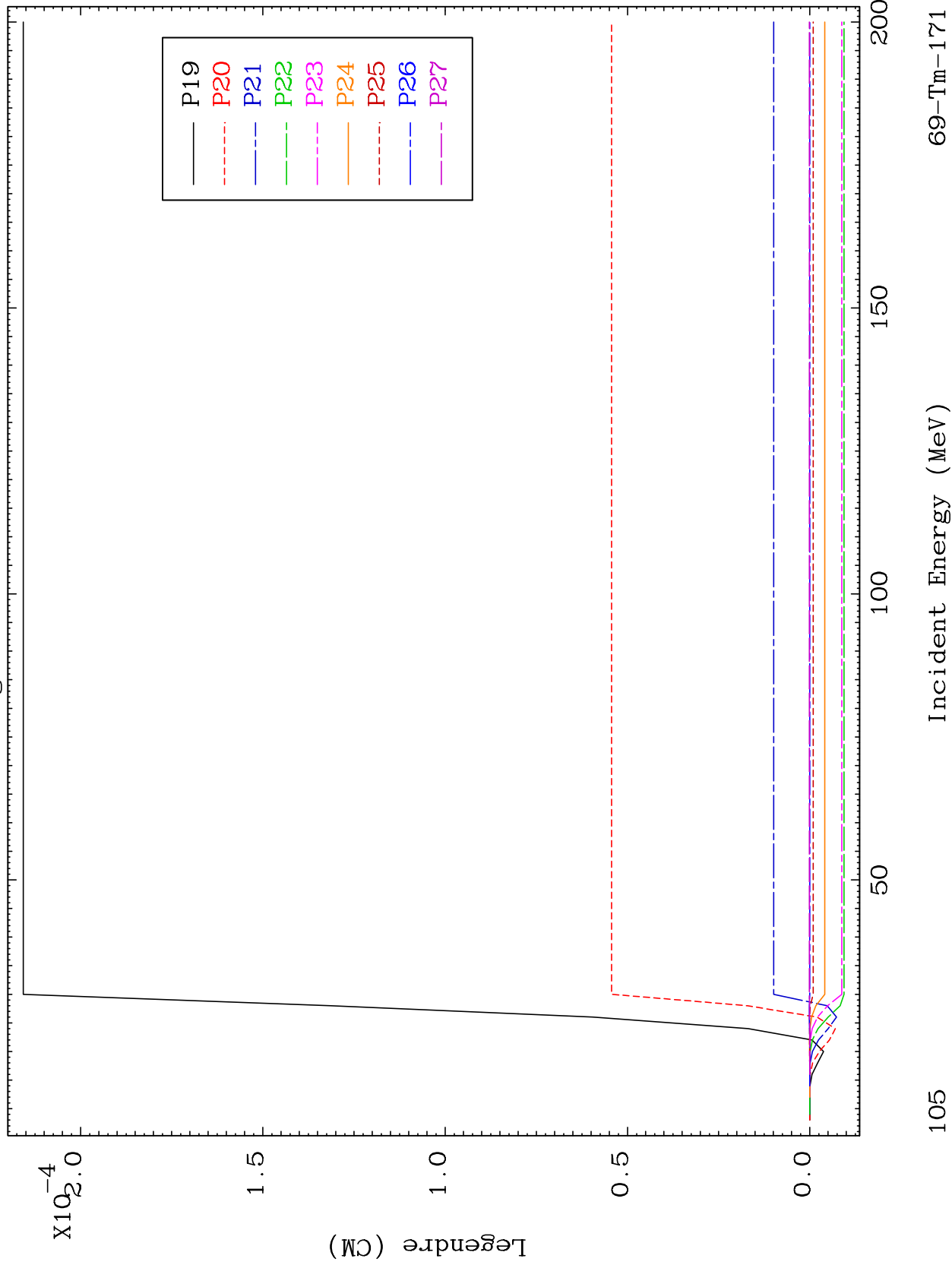
Incident Energy (MeV)

104

MAT 6931

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

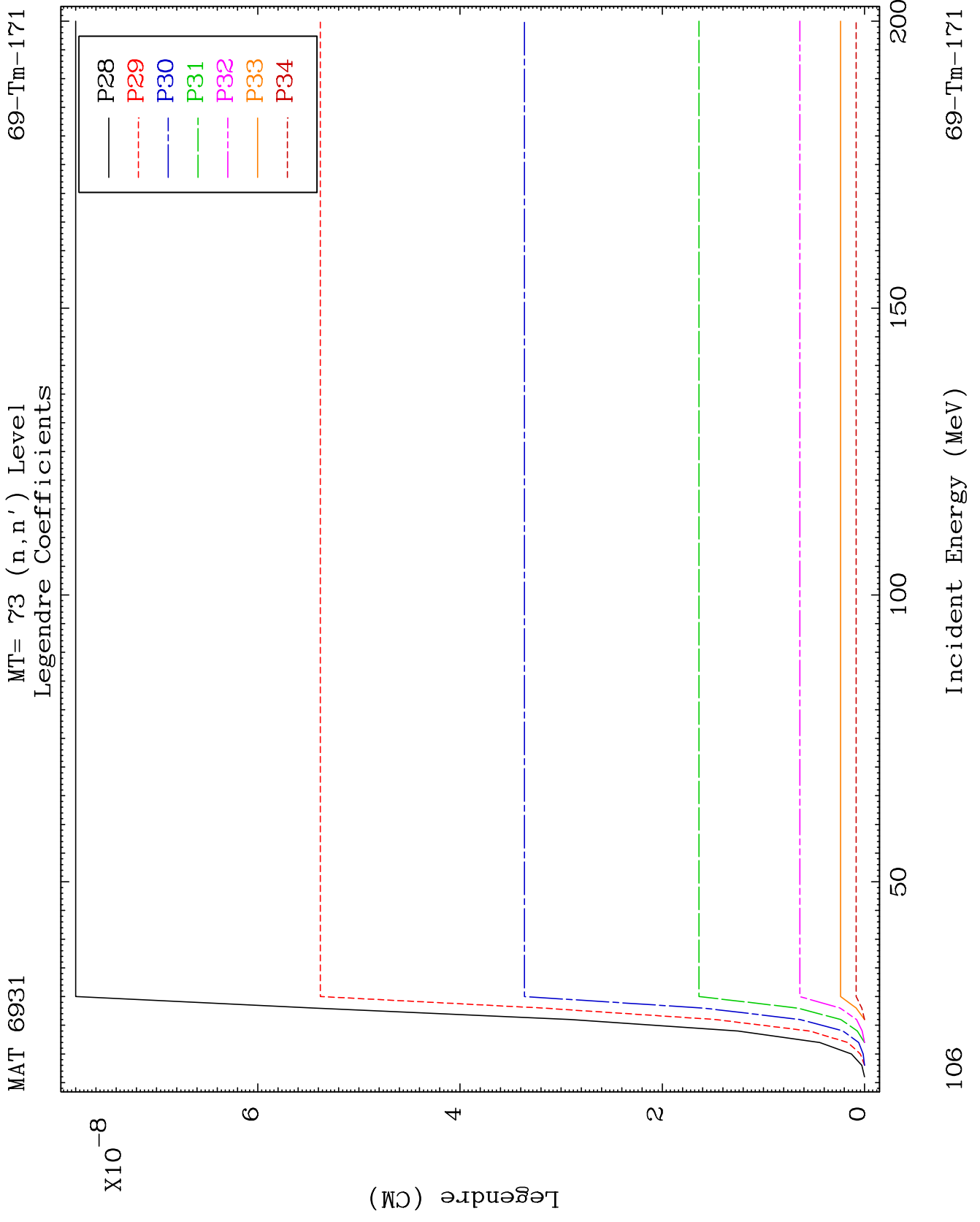
69-Tm-171



105

Incident Energy (MeV)

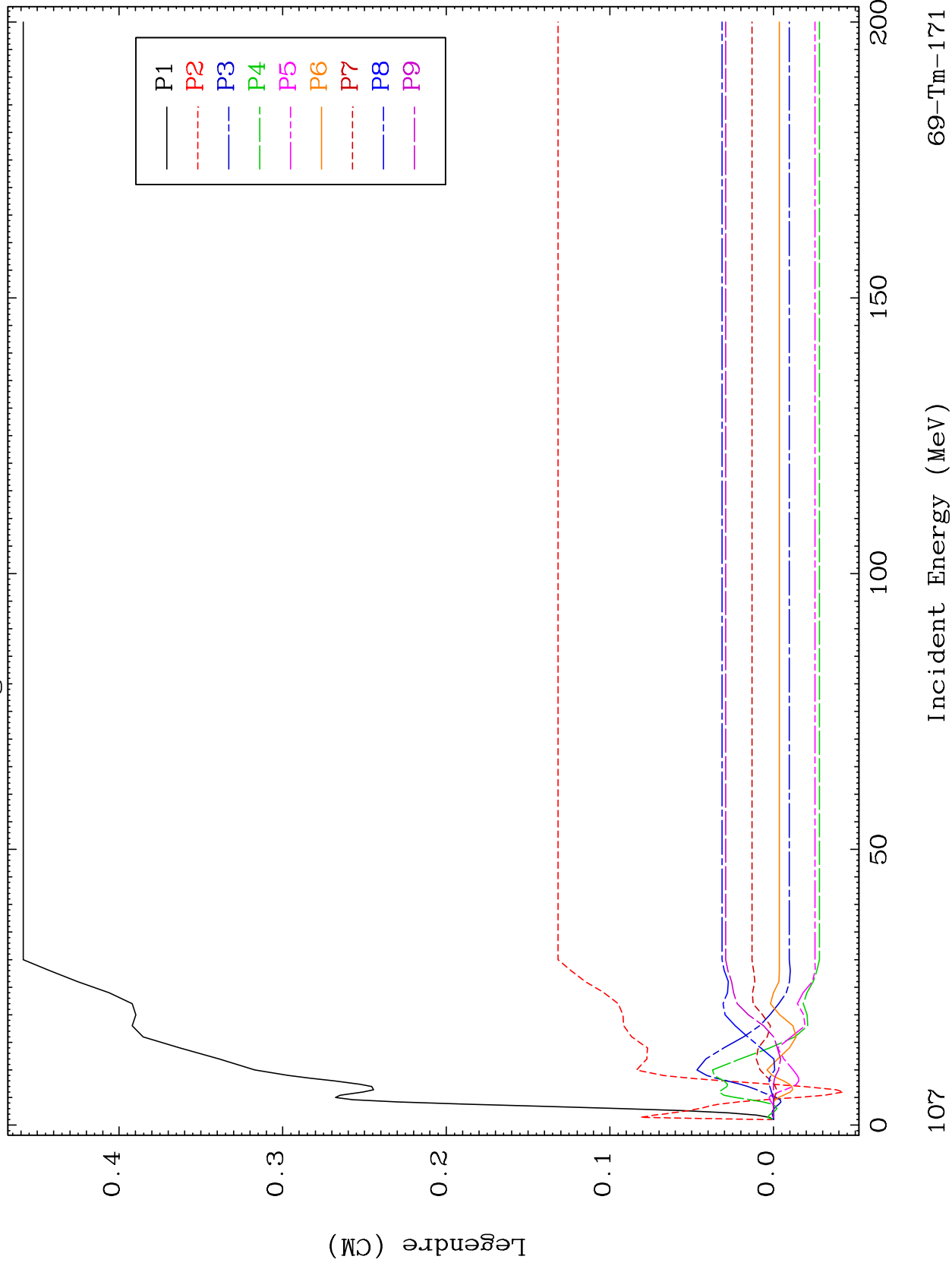
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

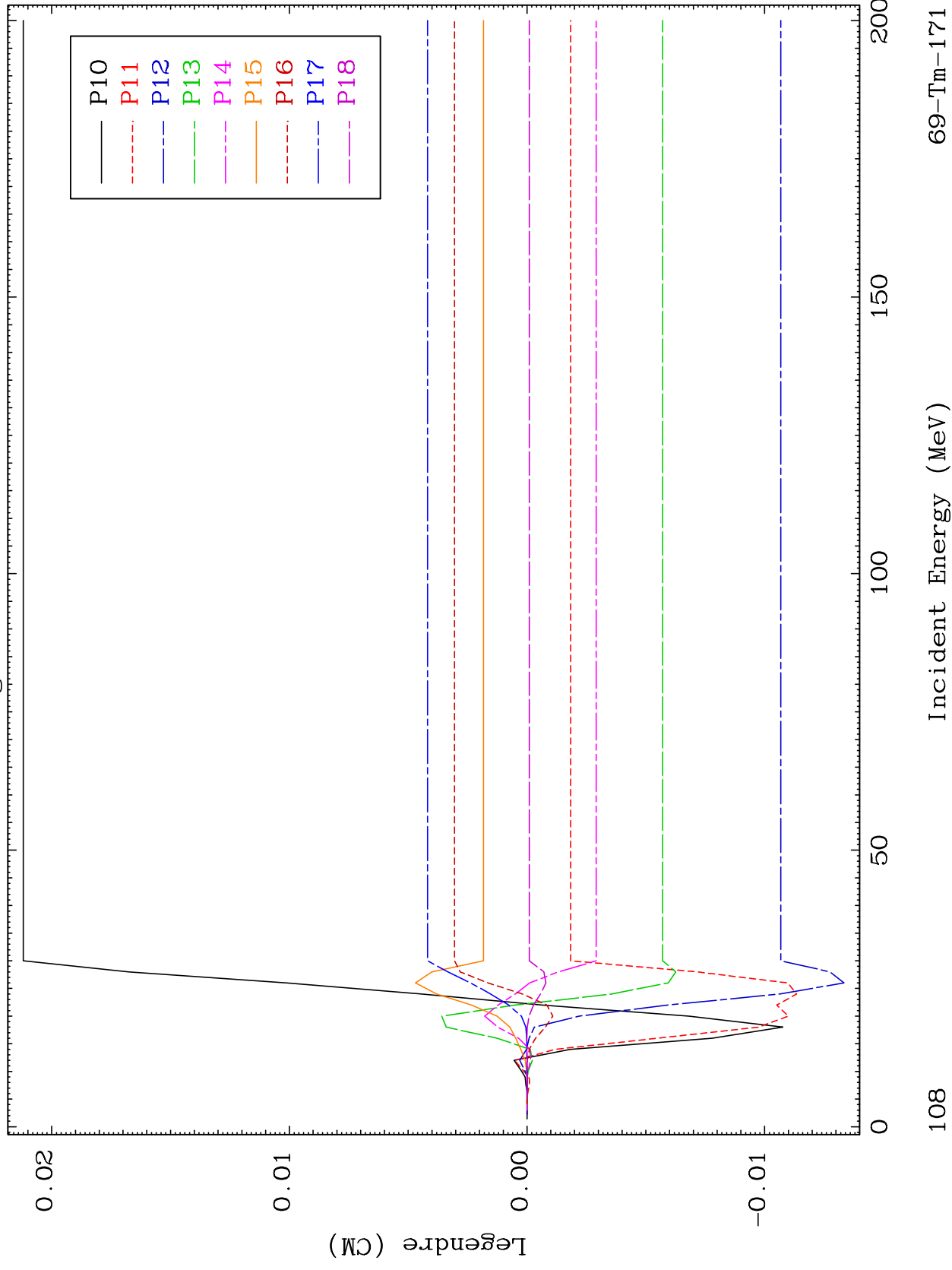
Incident Energy (MeV)

107

MAT 6931

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

69-Tm-171



69-Tm-171

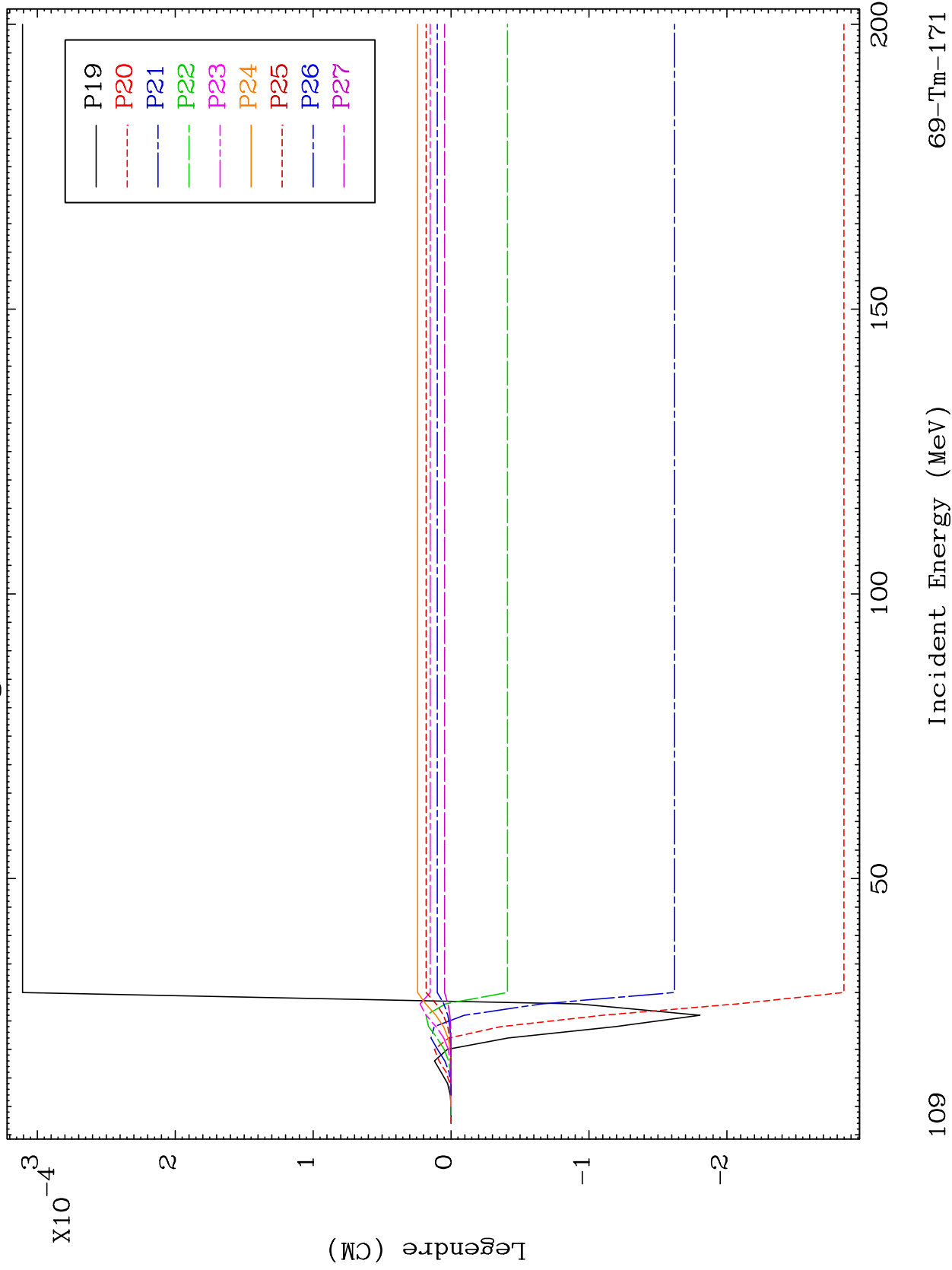
Incident Energy (MeV)

108

MAT 6931

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

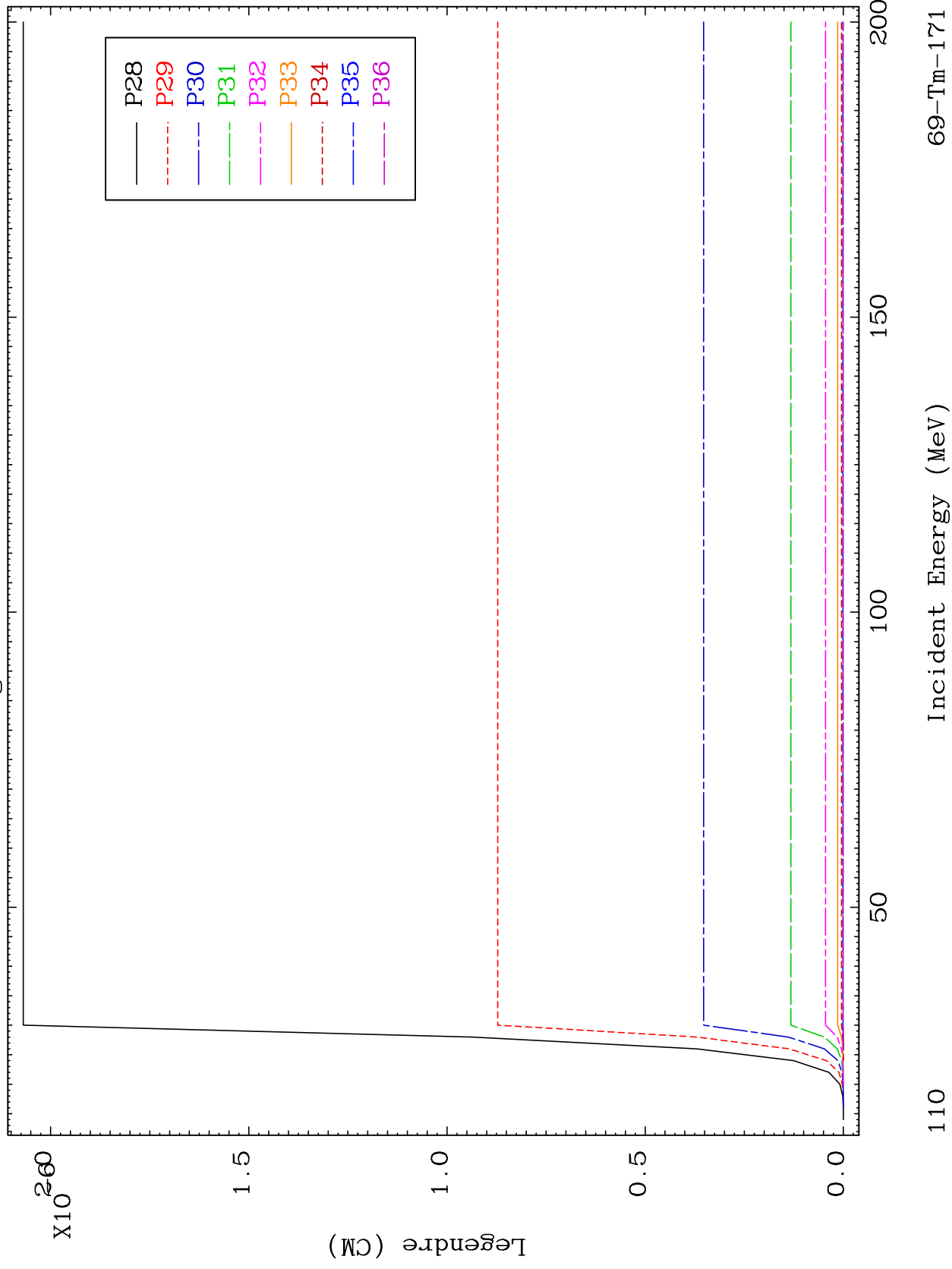
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

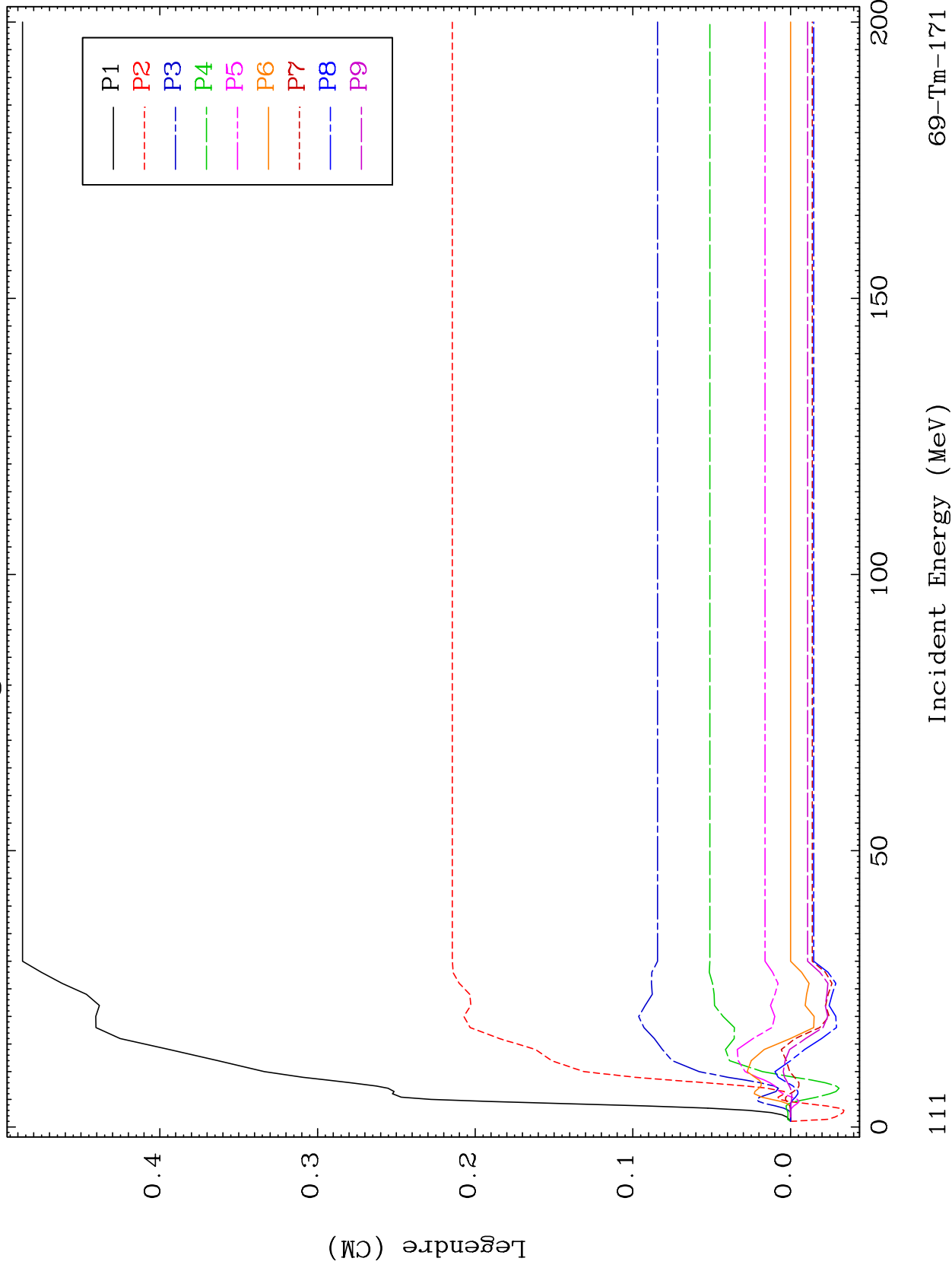
Incident Energy (MeV)

110

MAT 6931

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

69-Tm-171



111

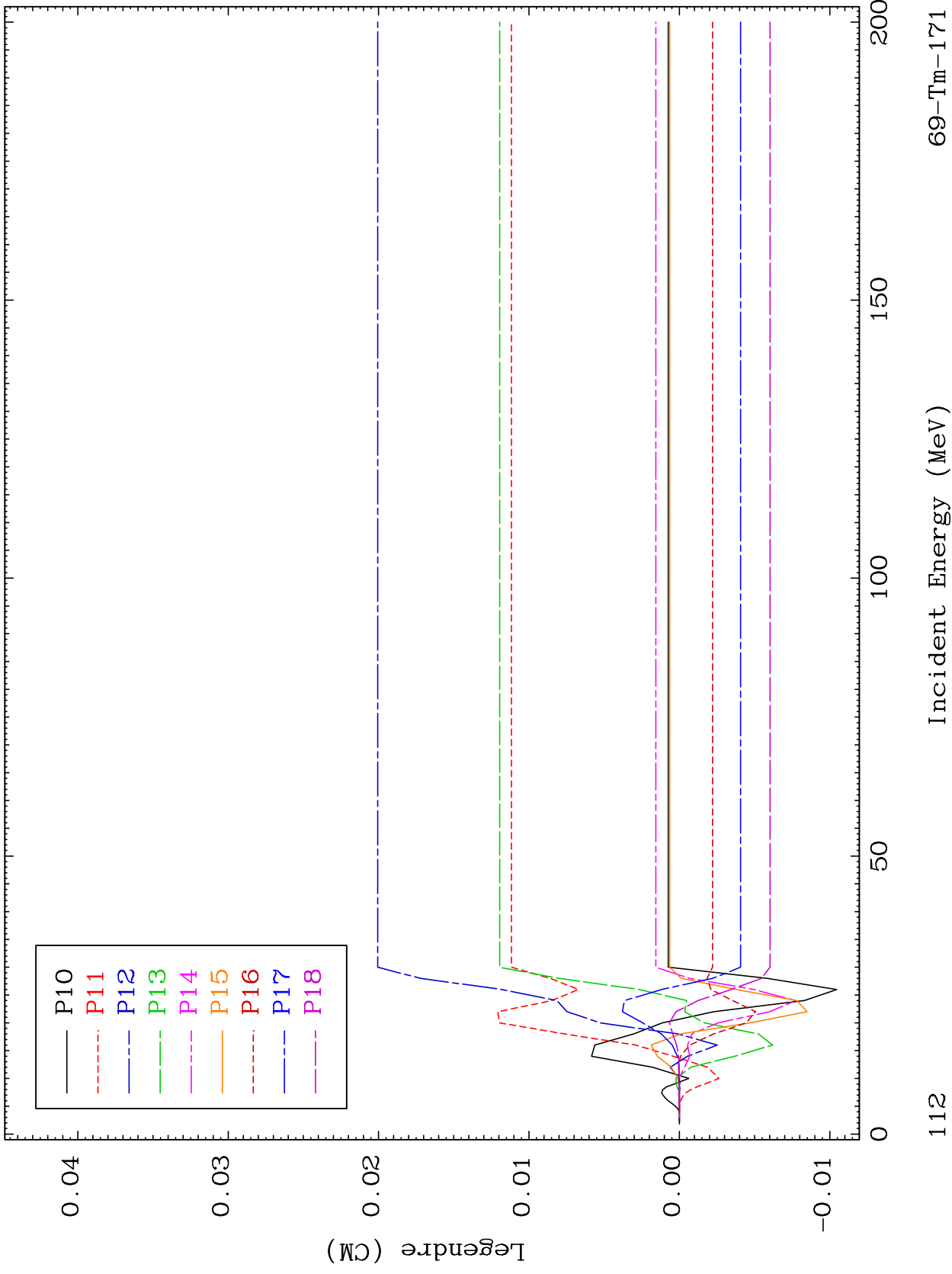
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



112

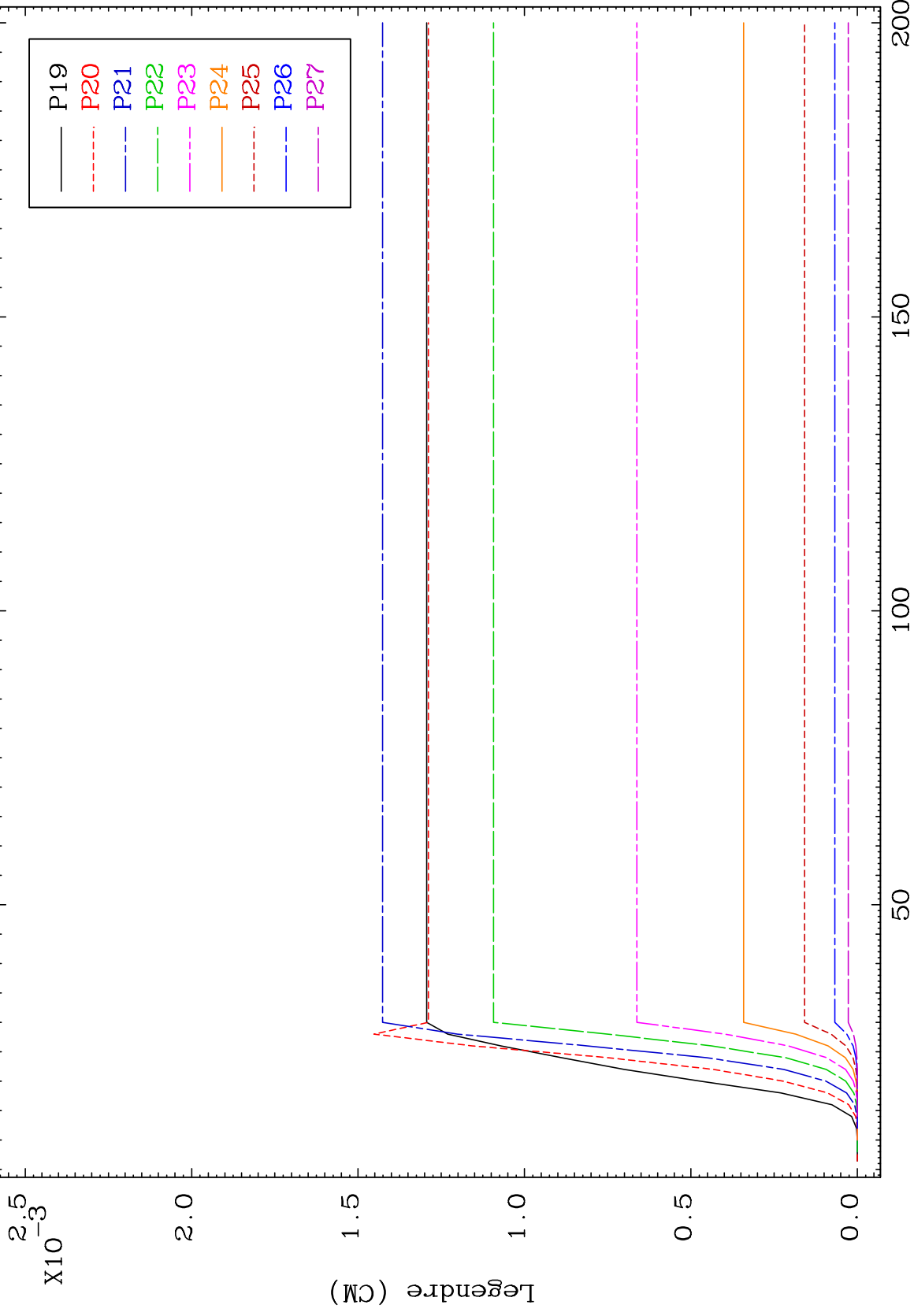
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



113

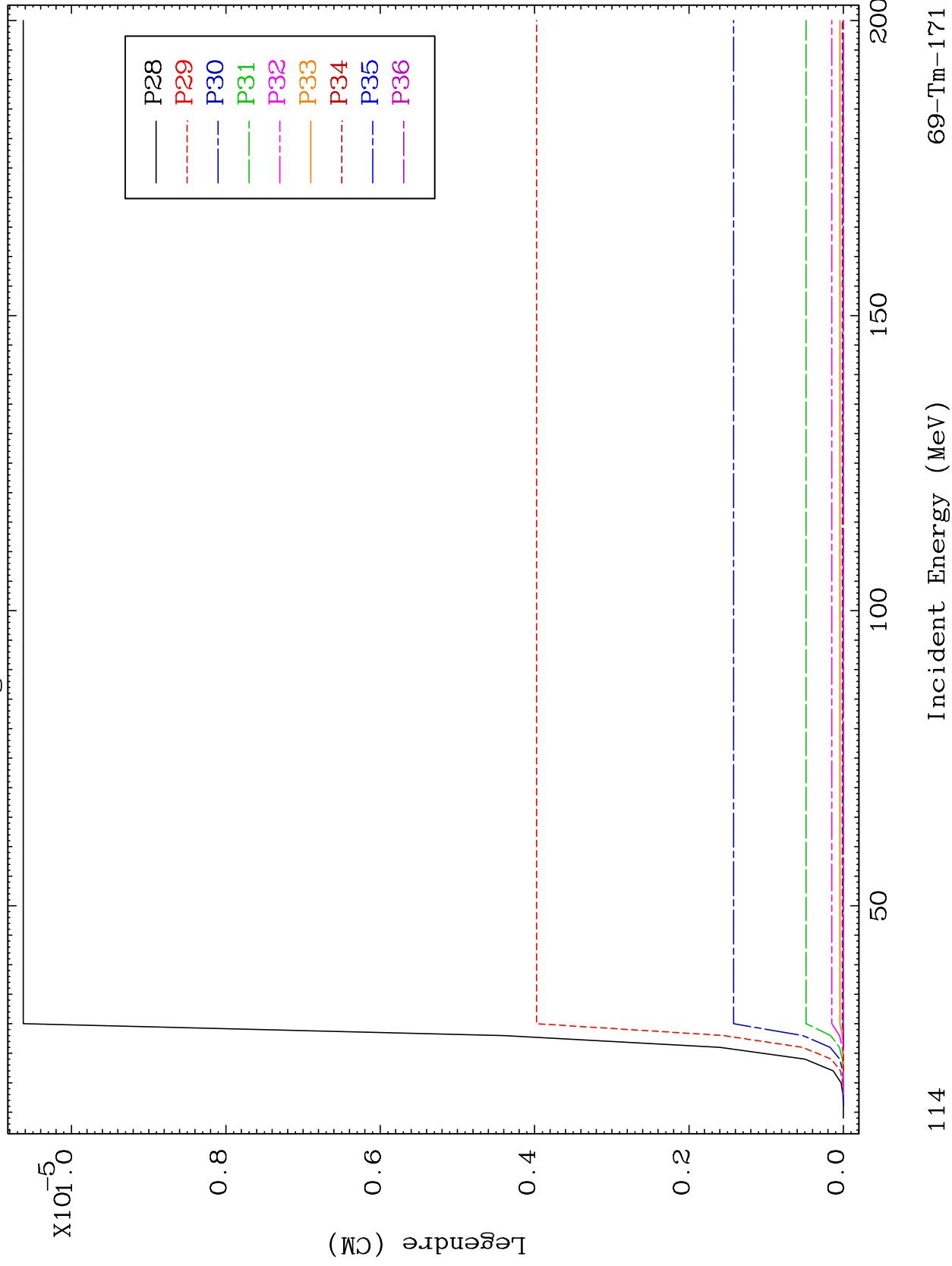
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

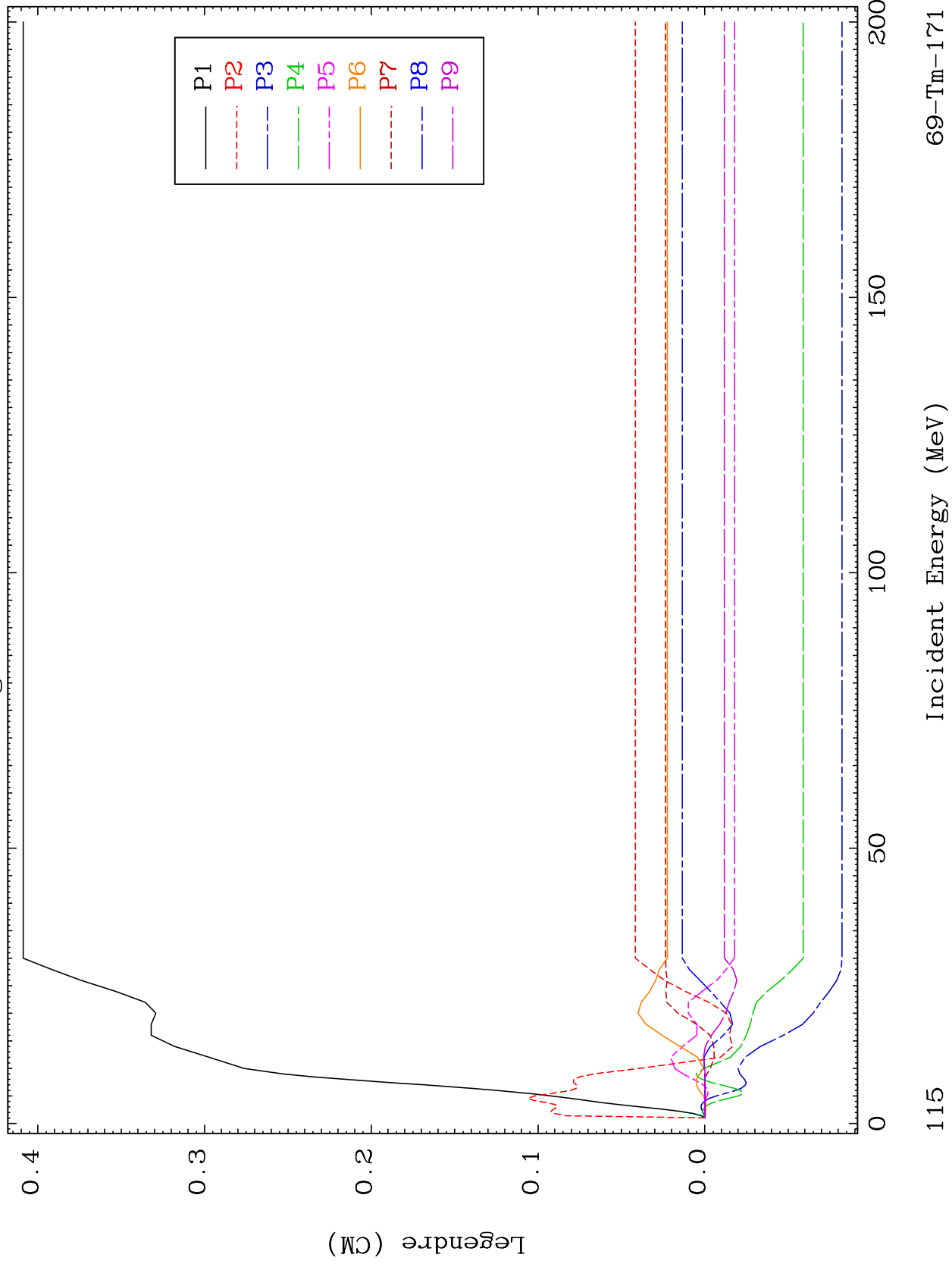
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

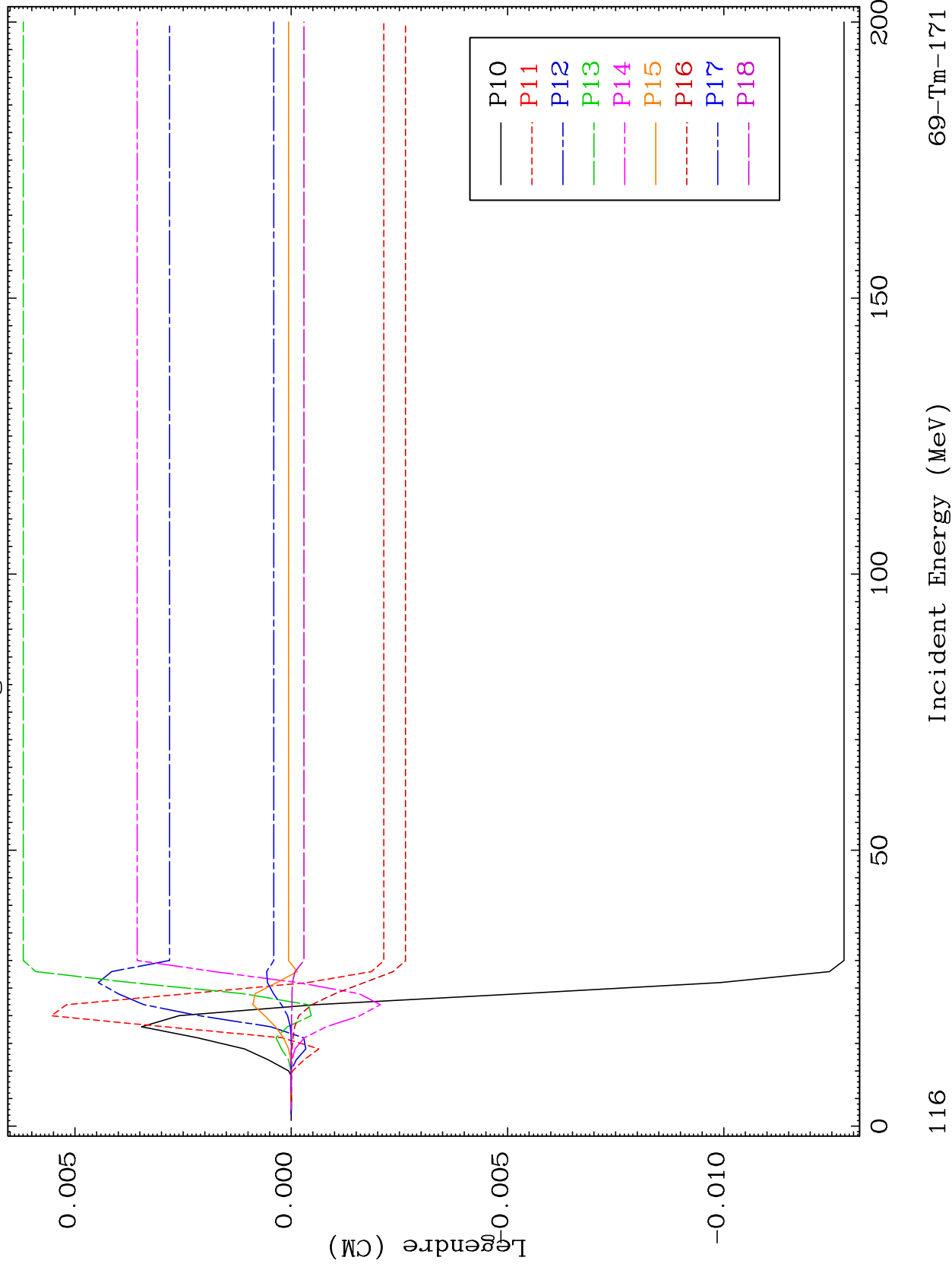
Incident Energy (MeV)

115

MAT 6931

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

69-Tm-171



69-Tm-171

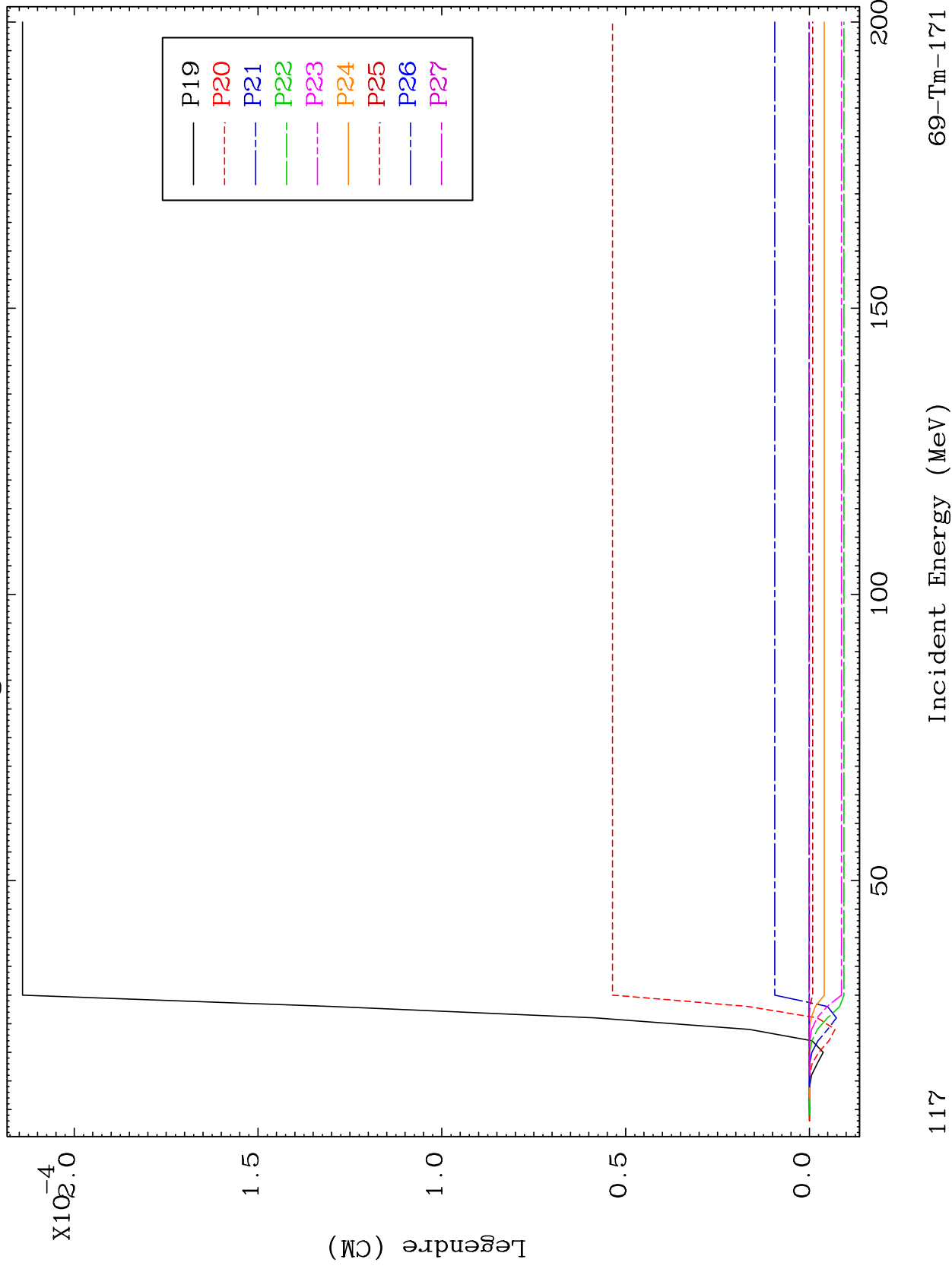
Incident Energy (MeV)

116

MAT 6931

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

69-Tm-171



117

Incident Energy (MeV)

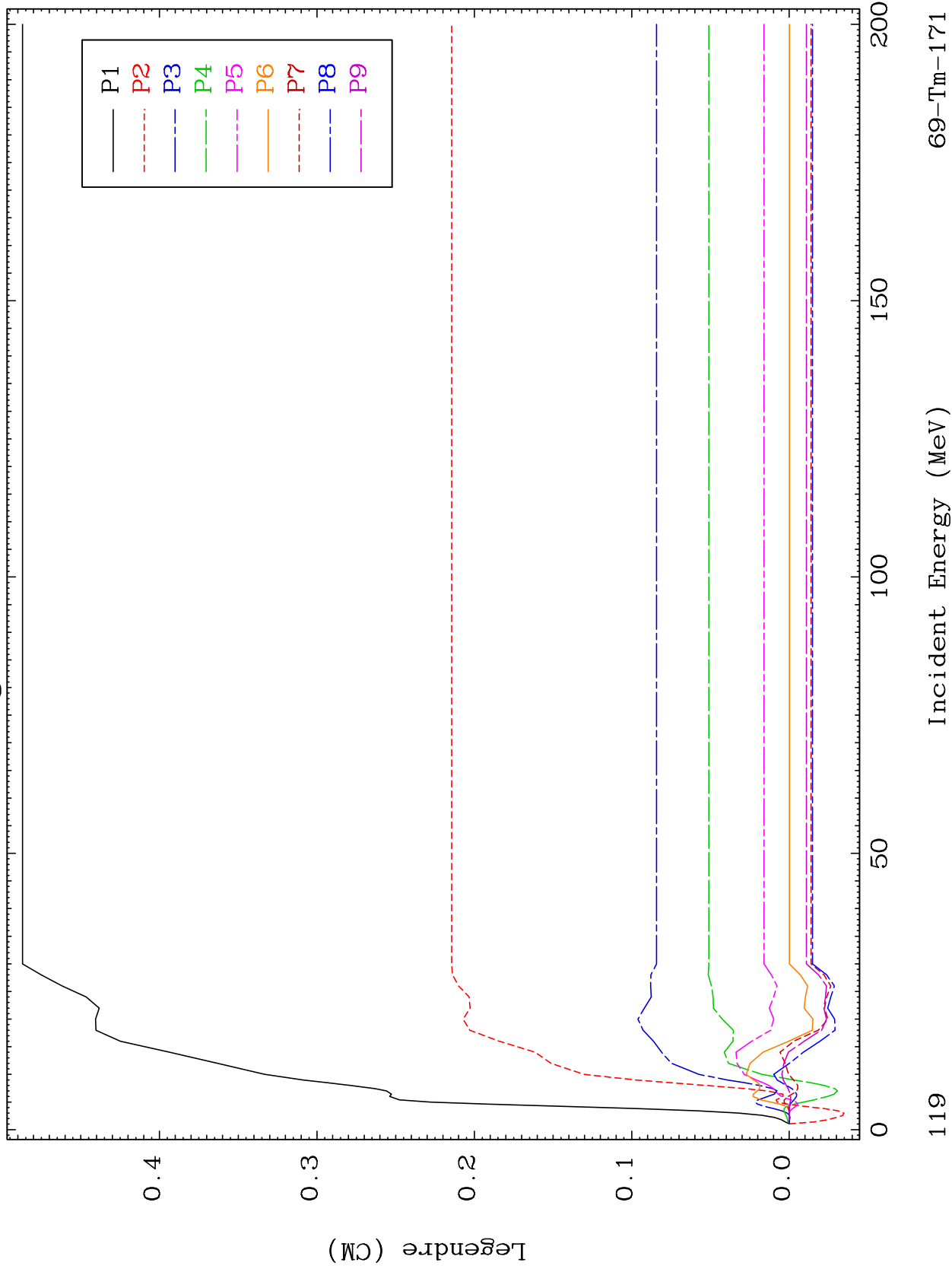
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

Incident Energy (MeV)

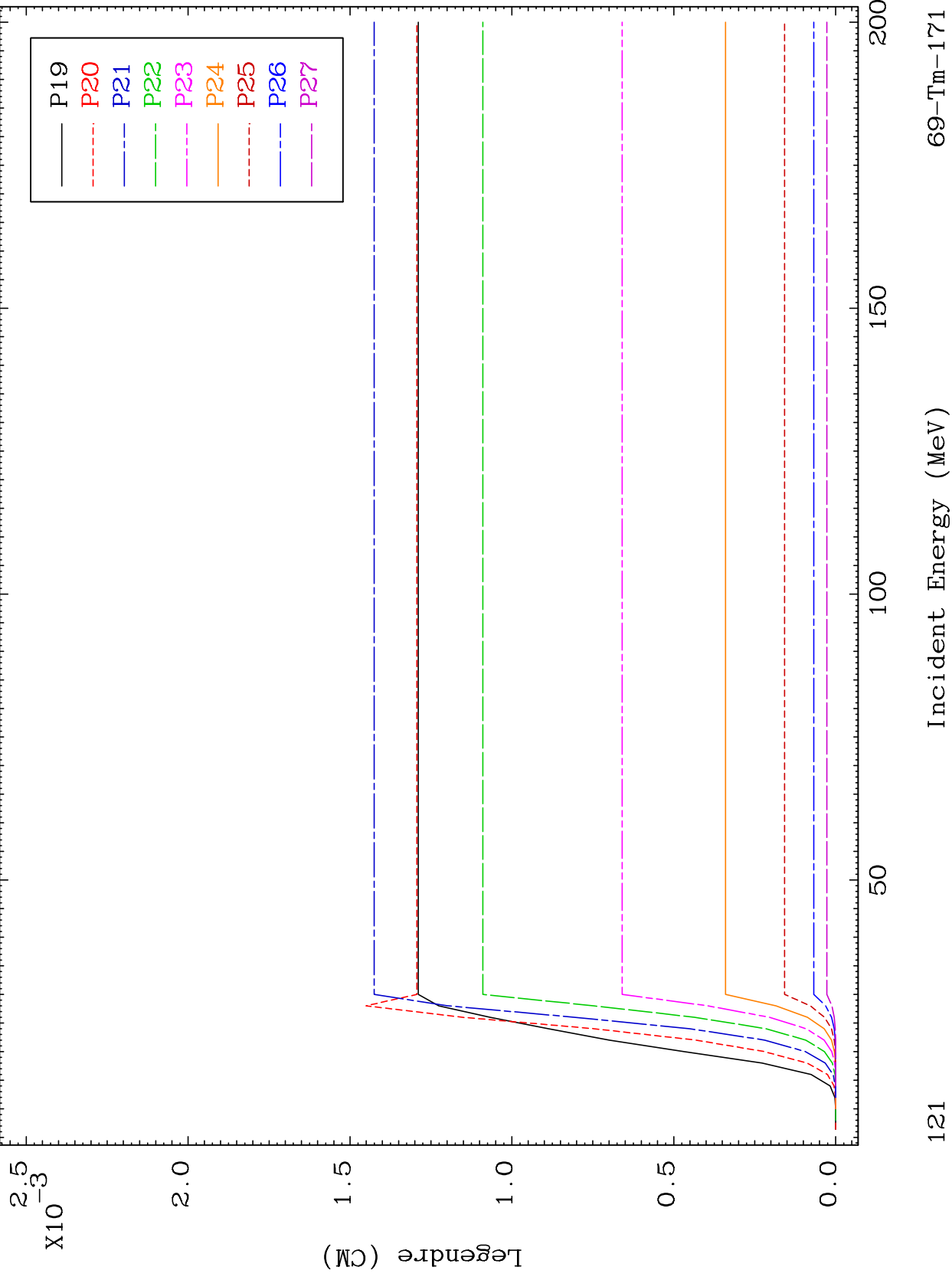
119



MAT 6931

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

69-Tm-171



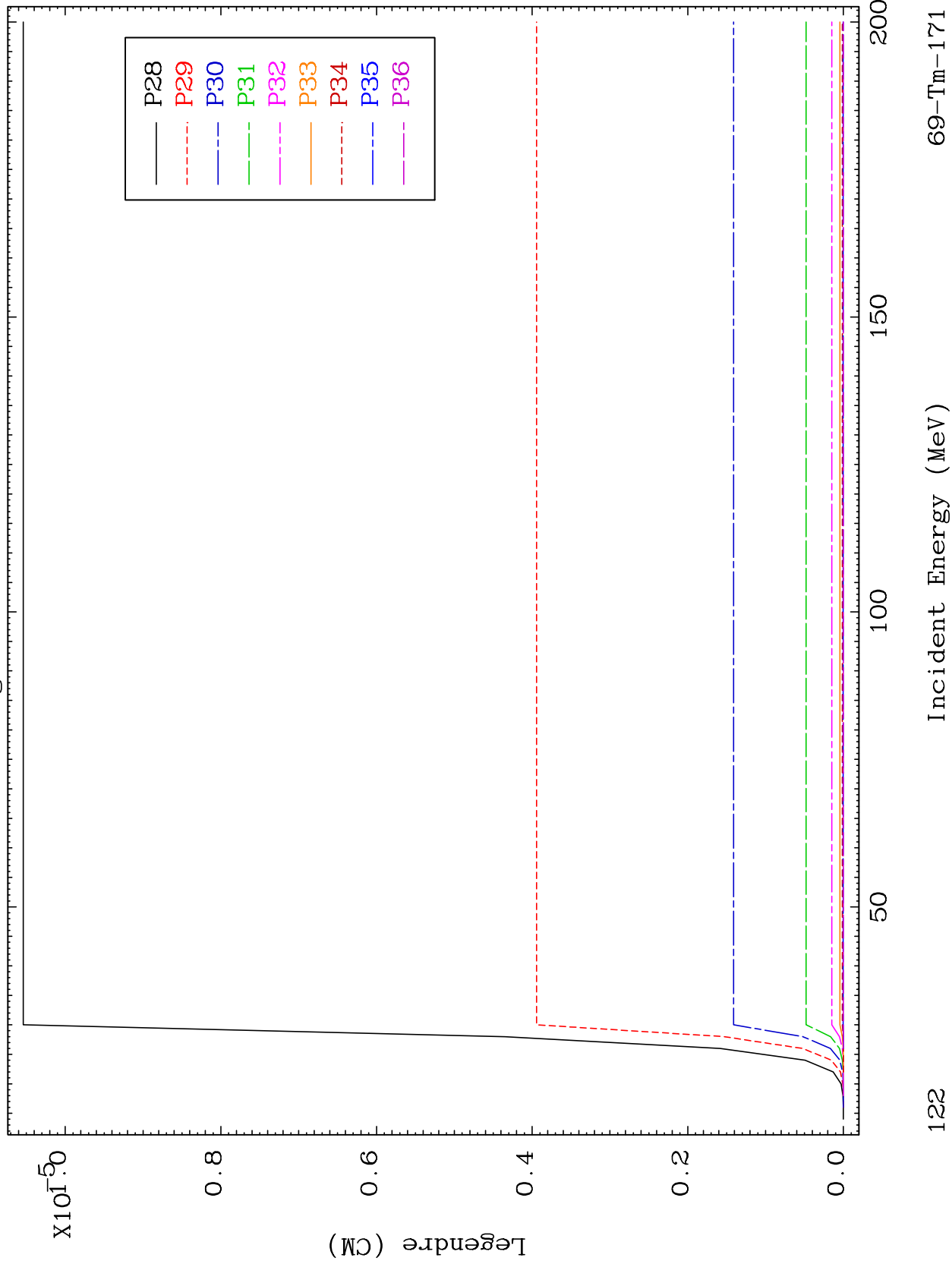
121

69-Tm-171

MAT 6931

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

69-Tm-171

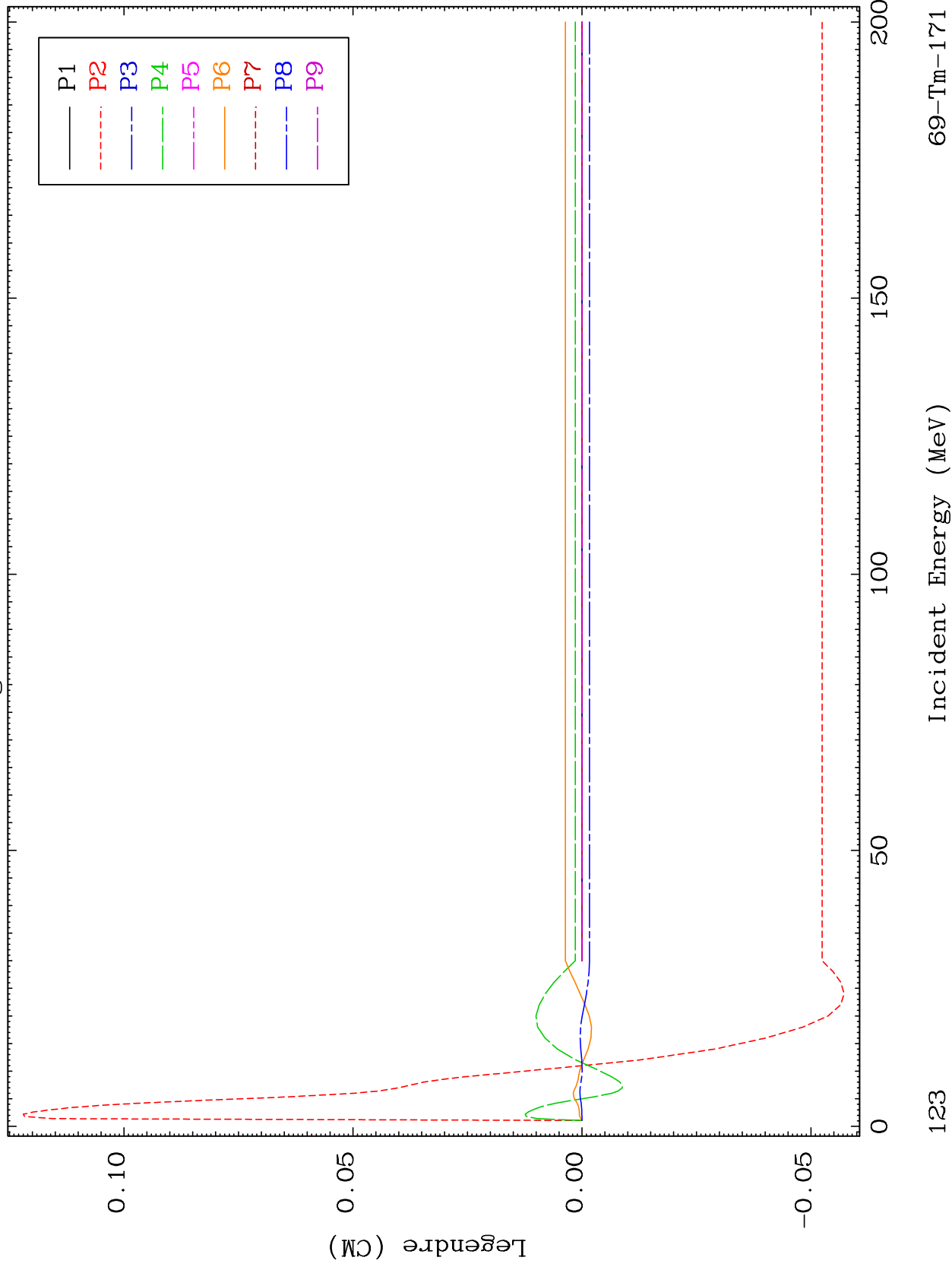


122

MAT 6931

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

69-Tm-171



123

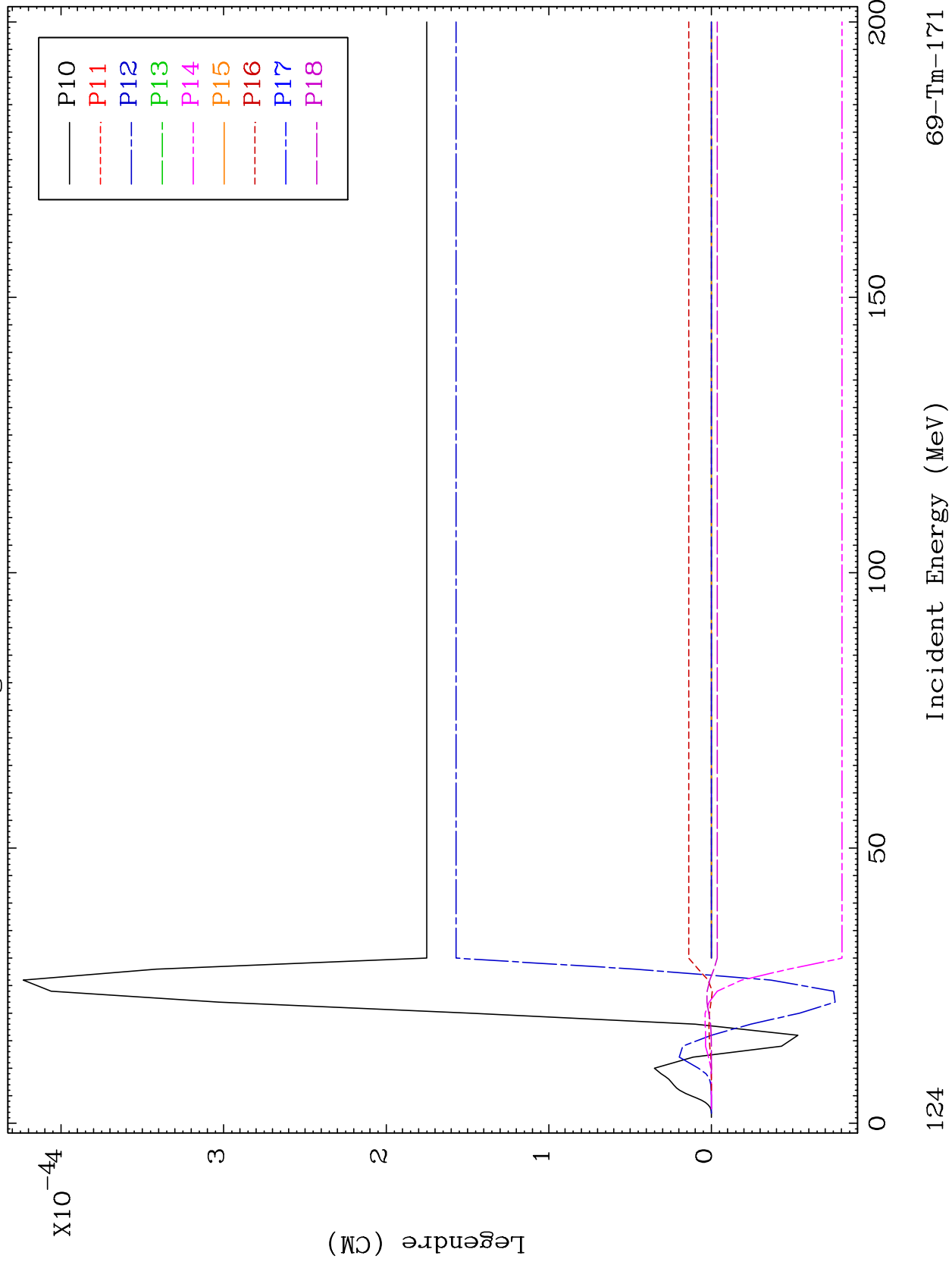
Incident Energy (MeV)

69-Tm-171

MAT 6931

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

69-Tm-171



124

Incident Energy (MeV)

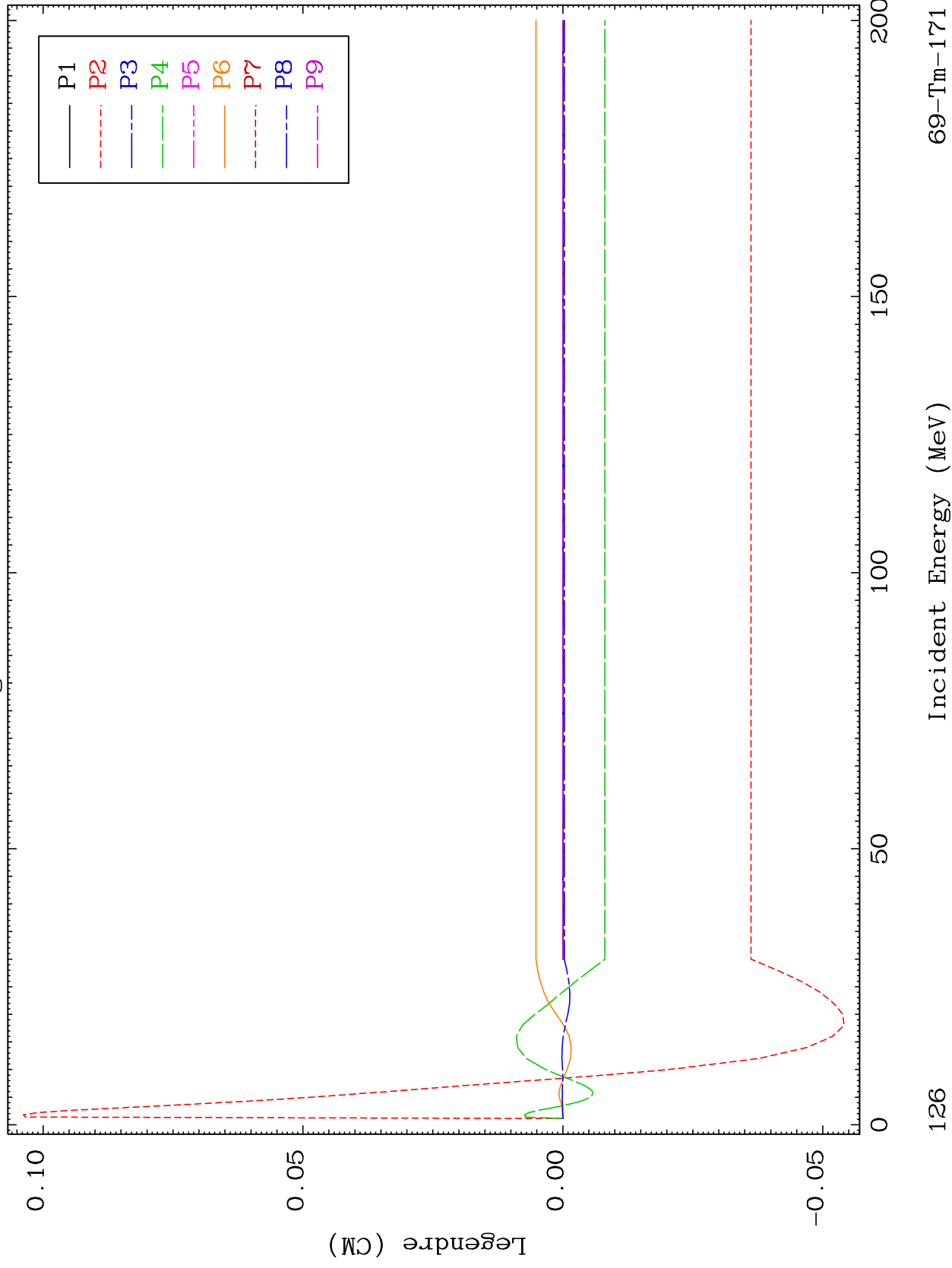
69-Tm-171



MAT 6931

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

69-Tm-171



69-Tm-171

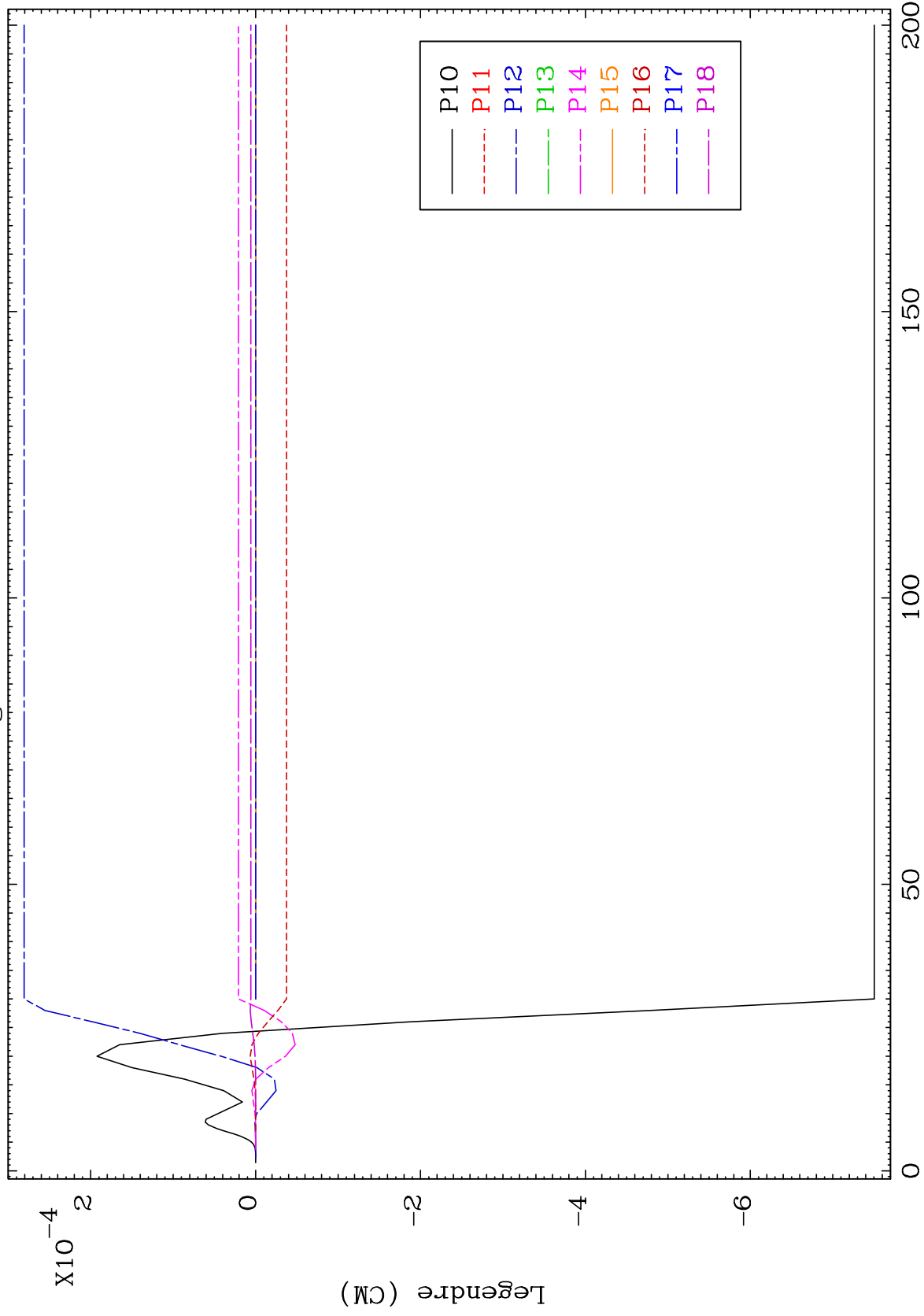
Incident Energy (MeV)

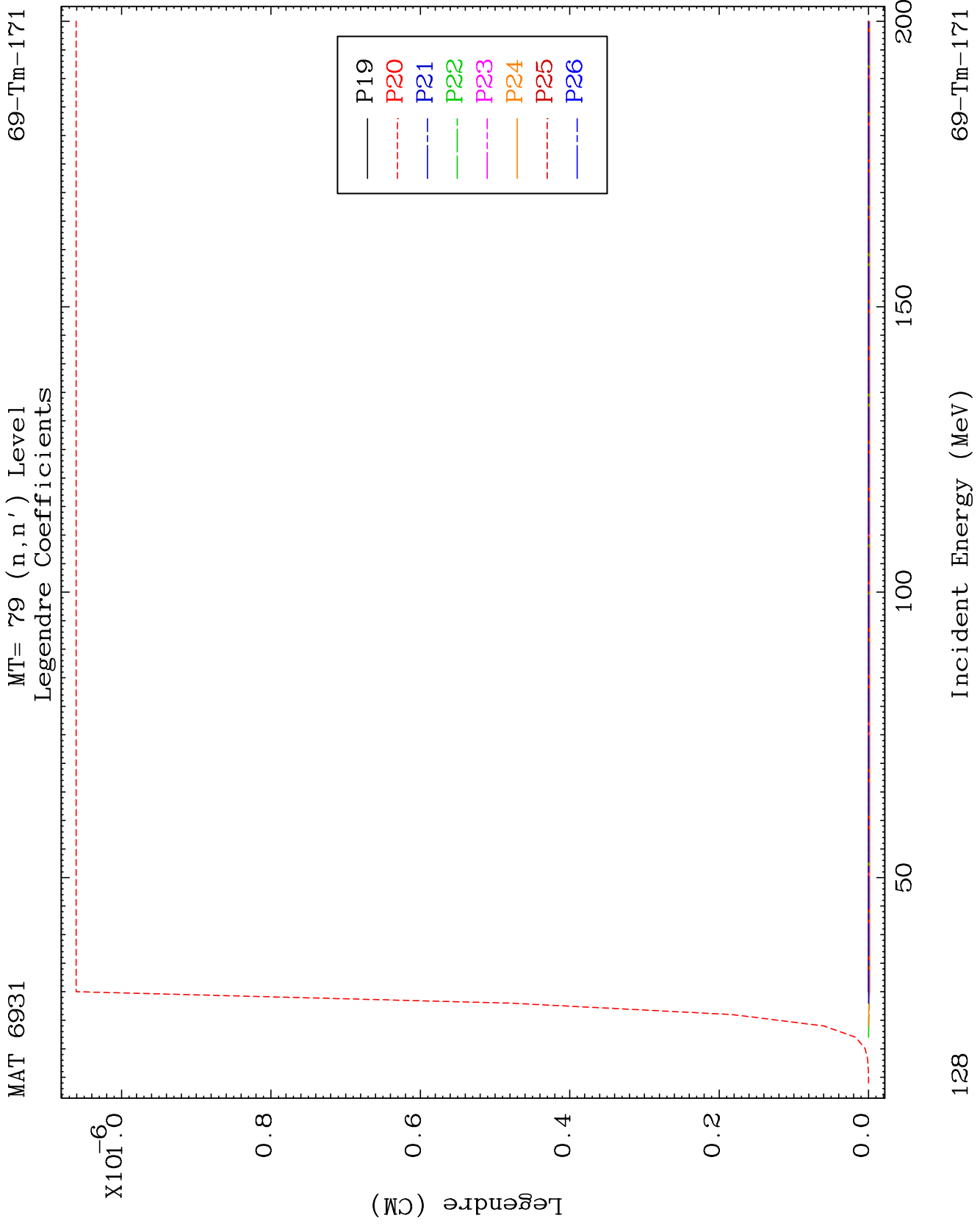
126

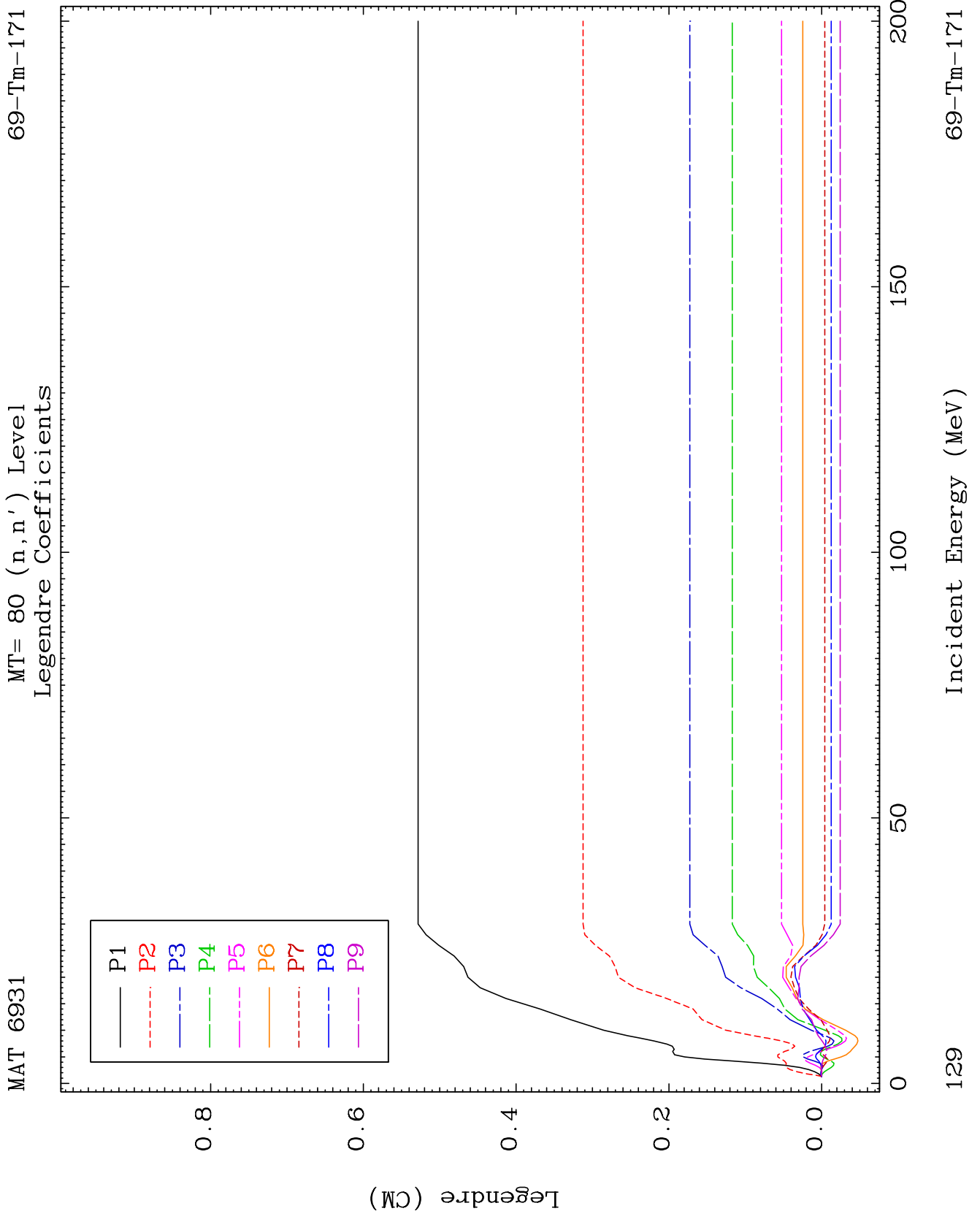
MAT 6931

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

69-Tm-171



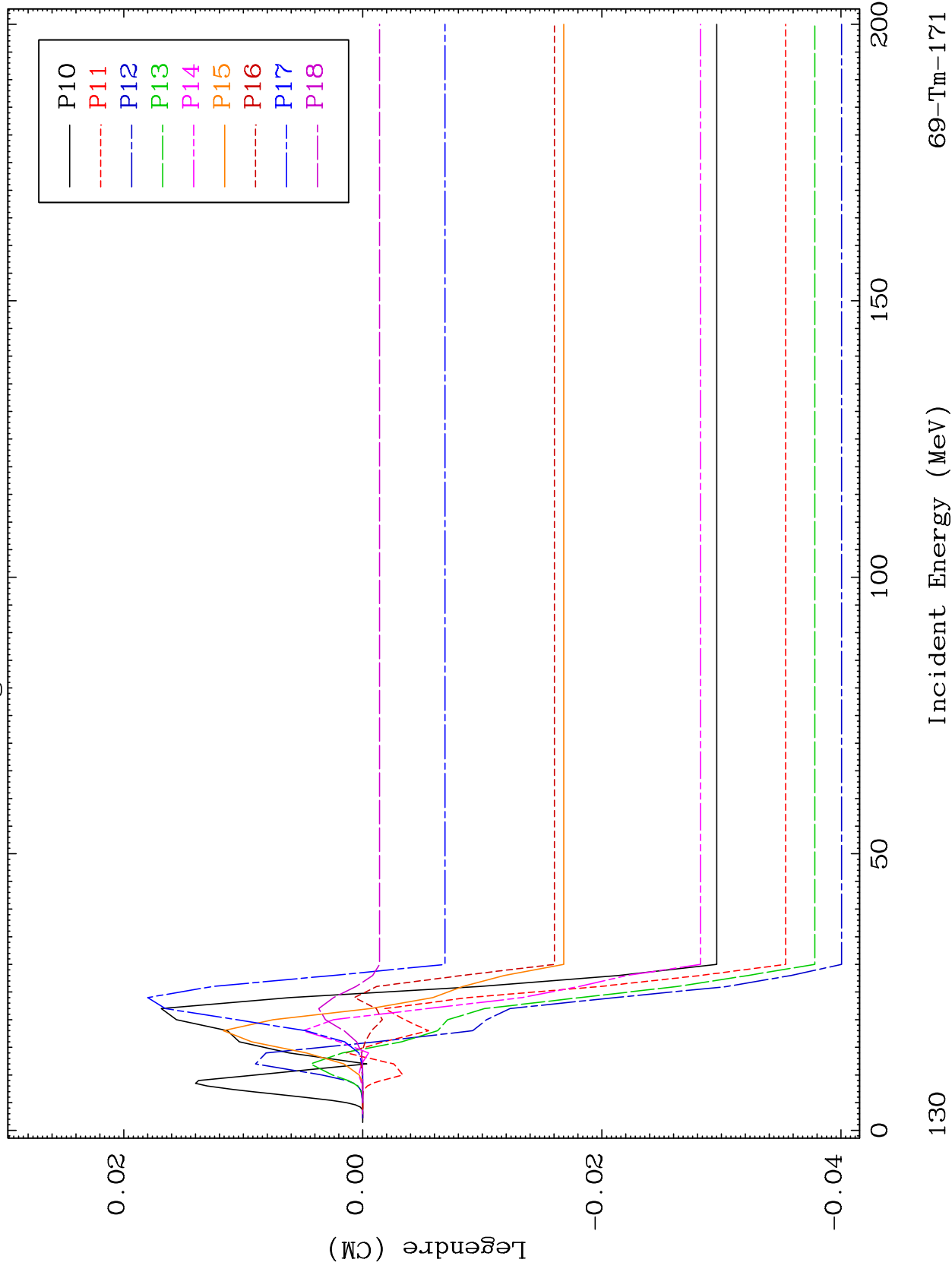




MAT 6931

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

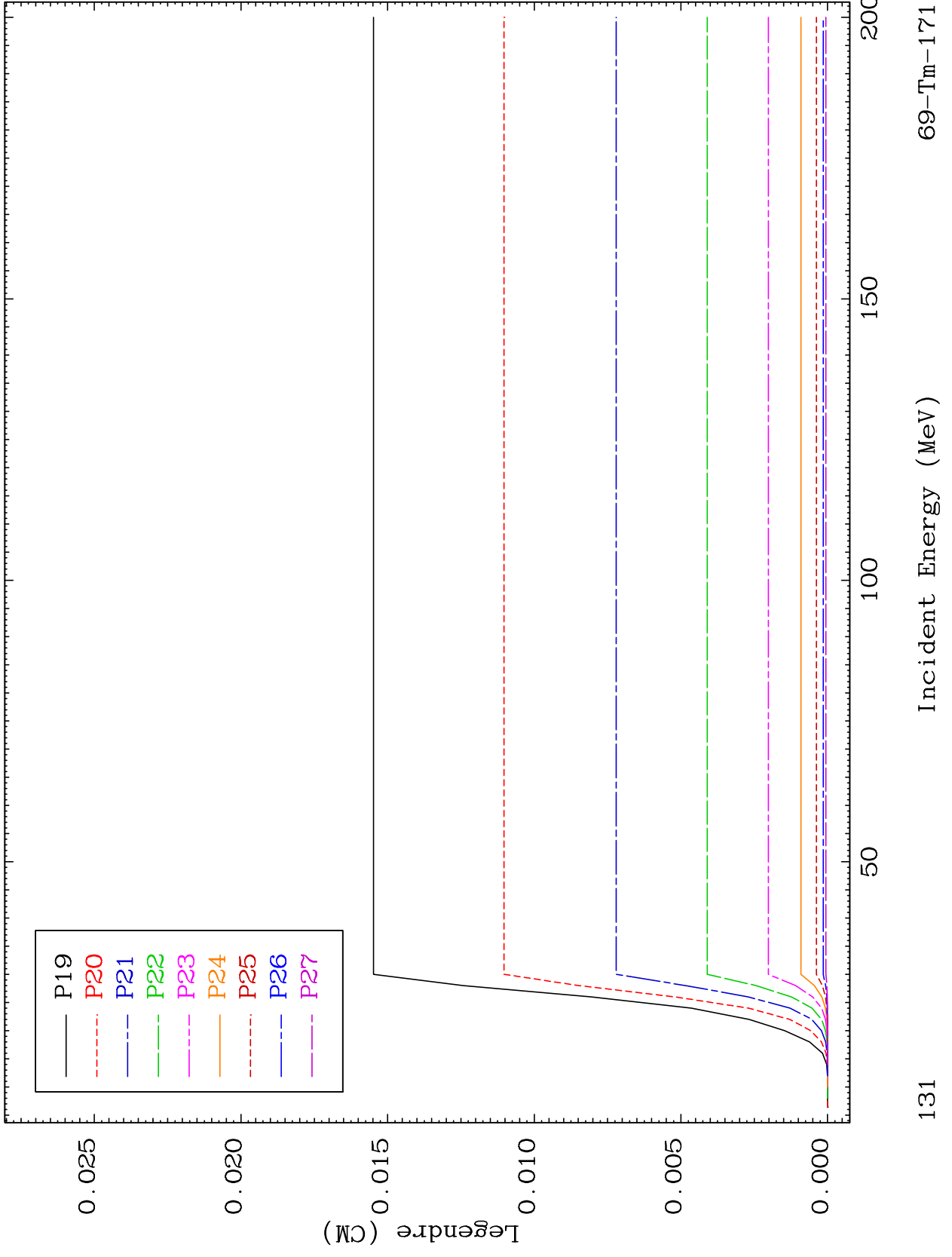
69-Tm-171



MAT 6931

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

69-Tm-171



131

Incident Energy (MeV)

69-Tm-171

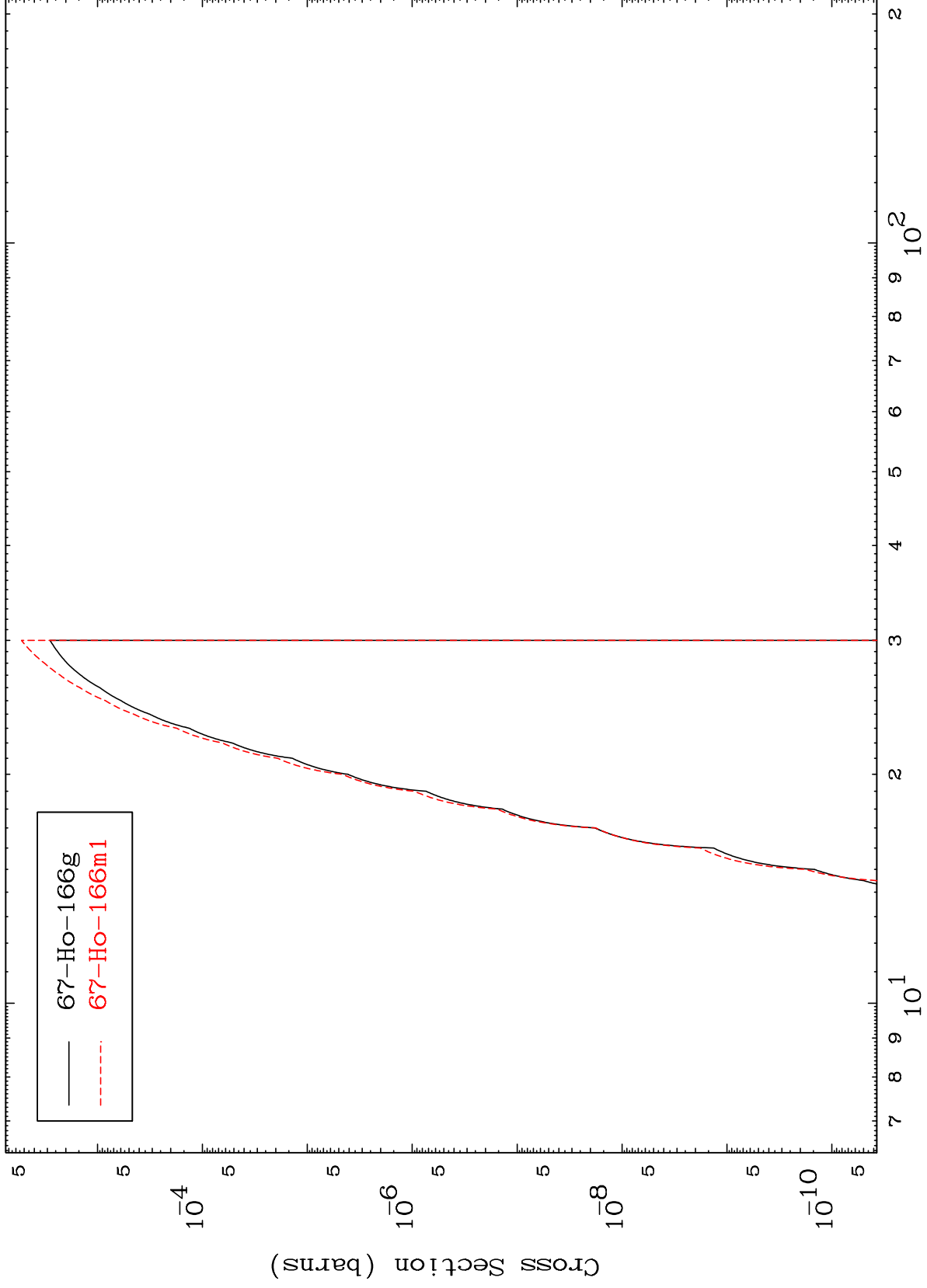


MAT 6931

$^{69}\text{Tm-171}$   $\alpha$

$^{69}\text{Tm-171}$

Radionuclide Production Cross Section



133

Incident Energy (MeV)

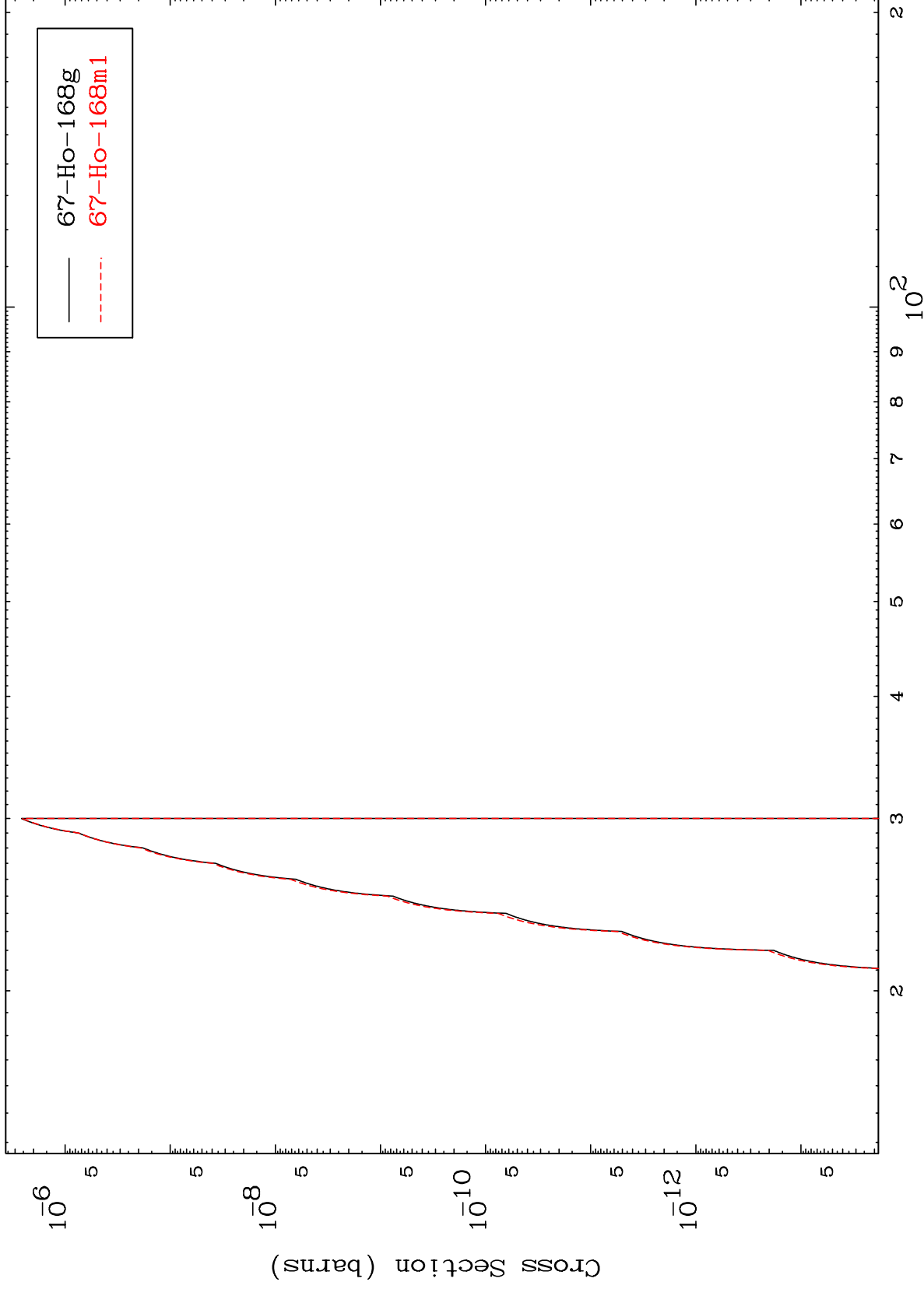
$^{69}\text{Tm-171}$

MAT 6931

(n,n') He-3

69-Tm-171

Radionuclide Production Cross Section



134

Incident Energy (MeV)

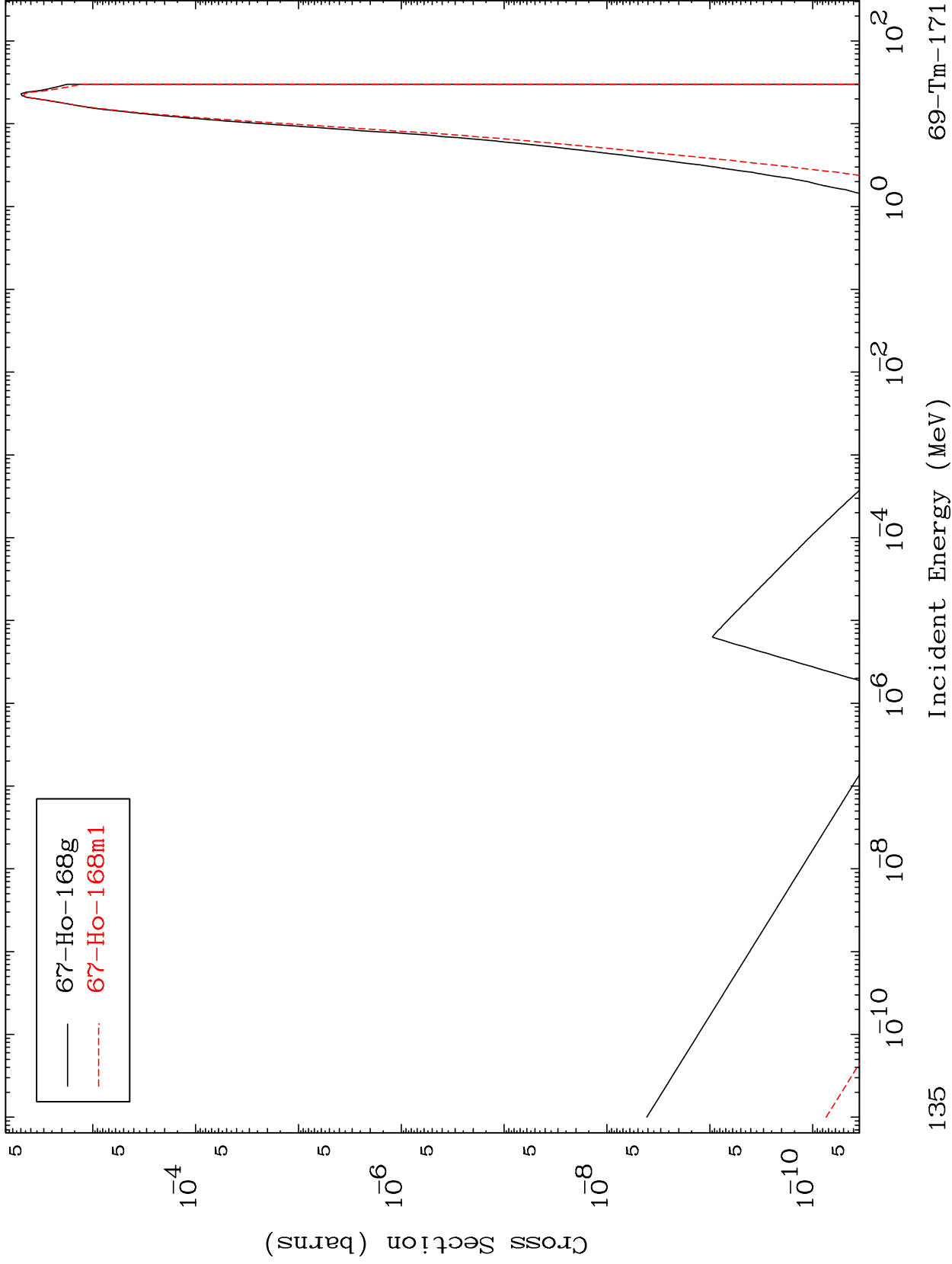
69-Tm-171

MAT 6931

(n,  $\alpha$ )

69-Tm-171

Radionuclide Production Cross Section



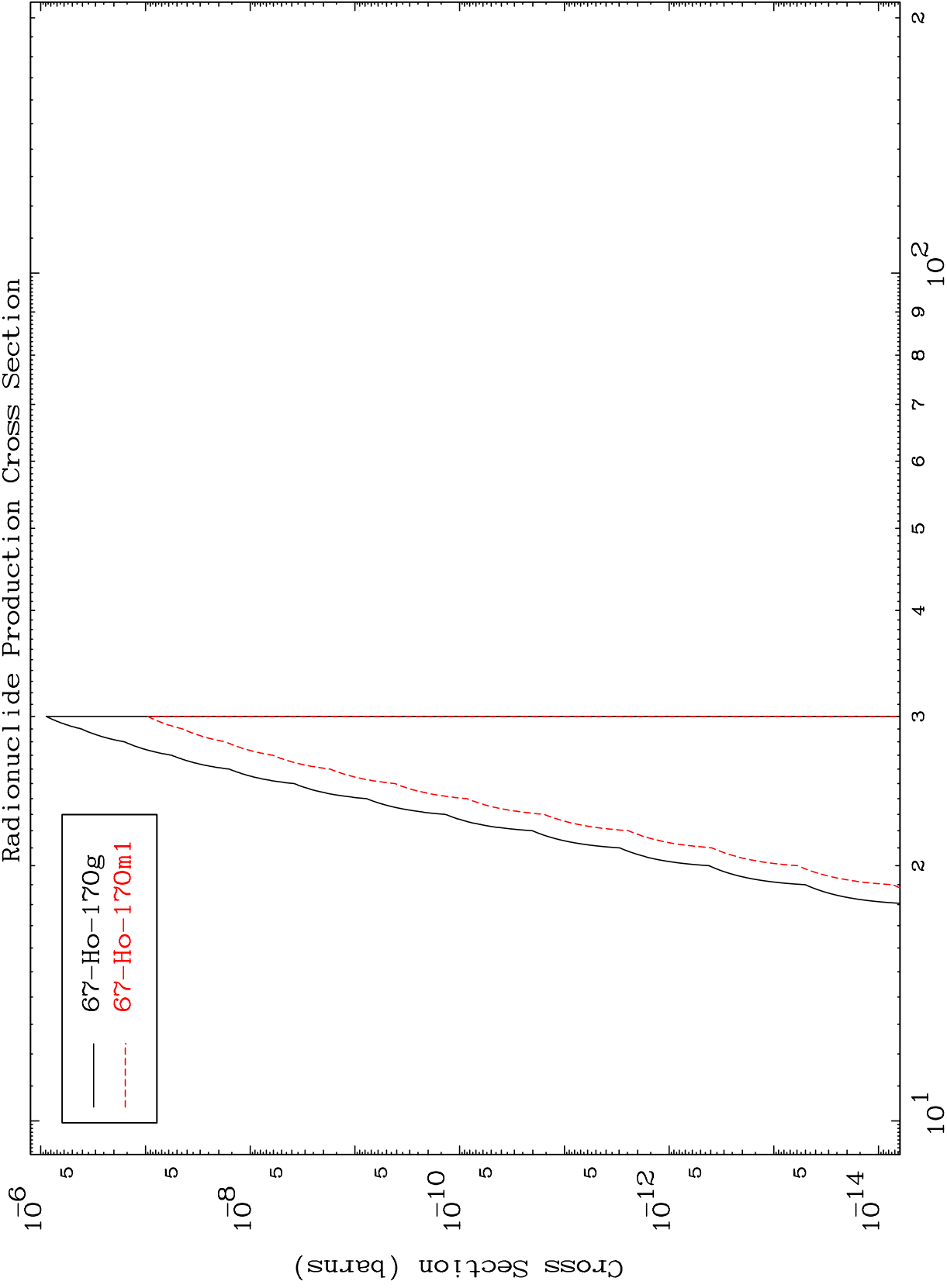
135

MAT 6931

(n,2p)

69-Tm-171

Radionuclide Production Cross Section



67-Ho-170g  
67-Ho-170m1