

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

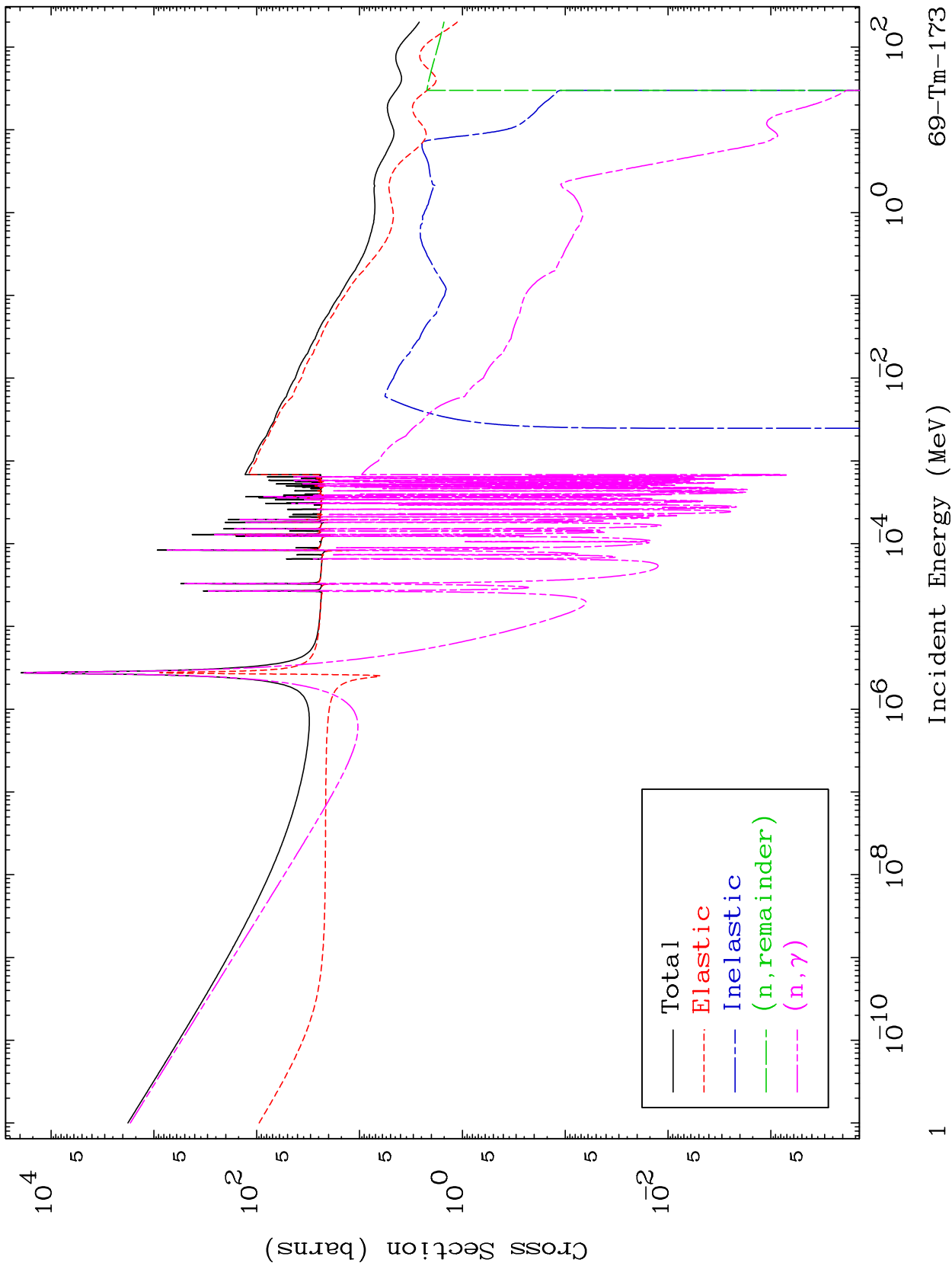
Press Mouse Button to Start

MAT 6937

Major

293 Kelvin Cross Sections

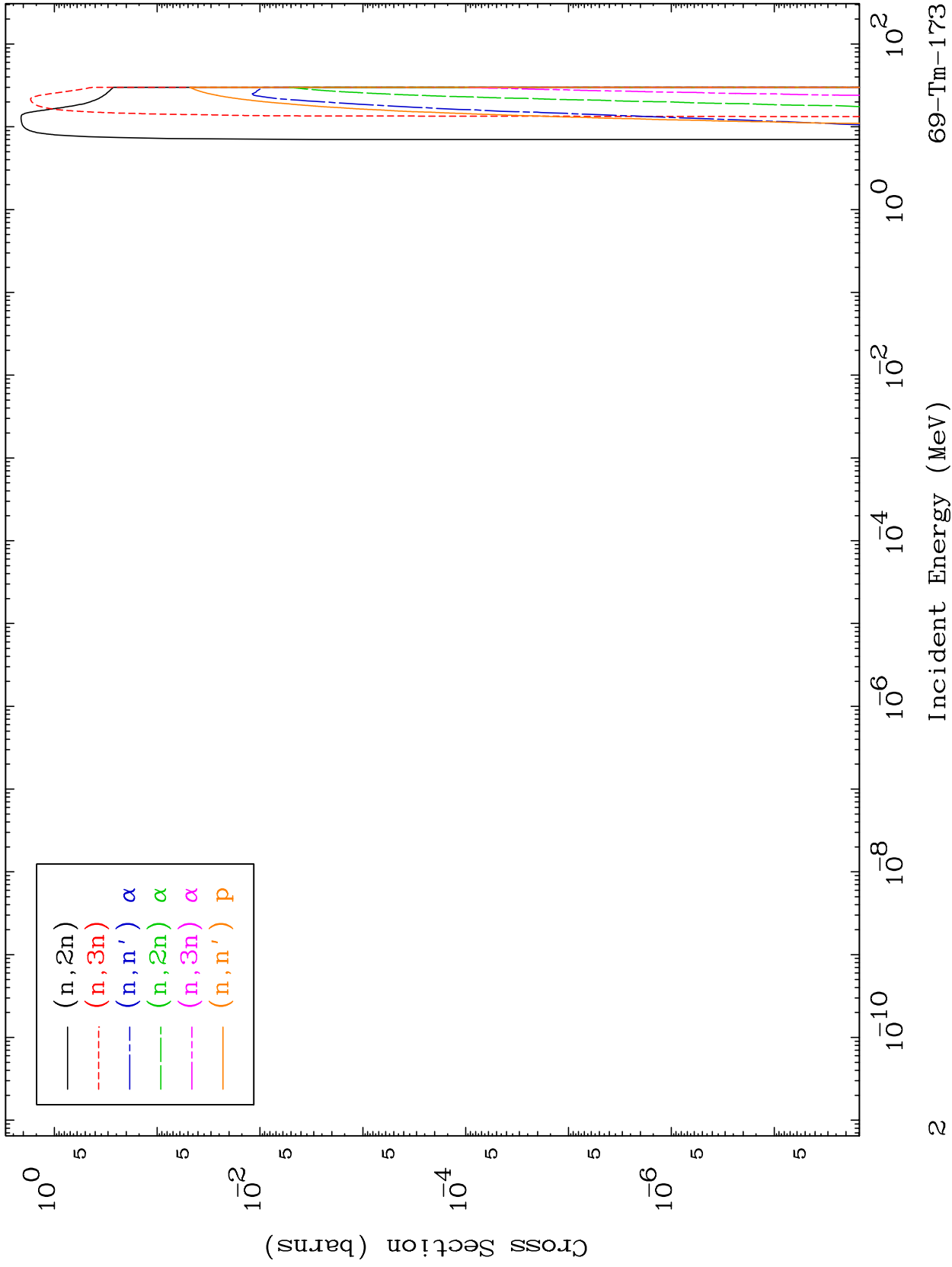
69-Tm-173

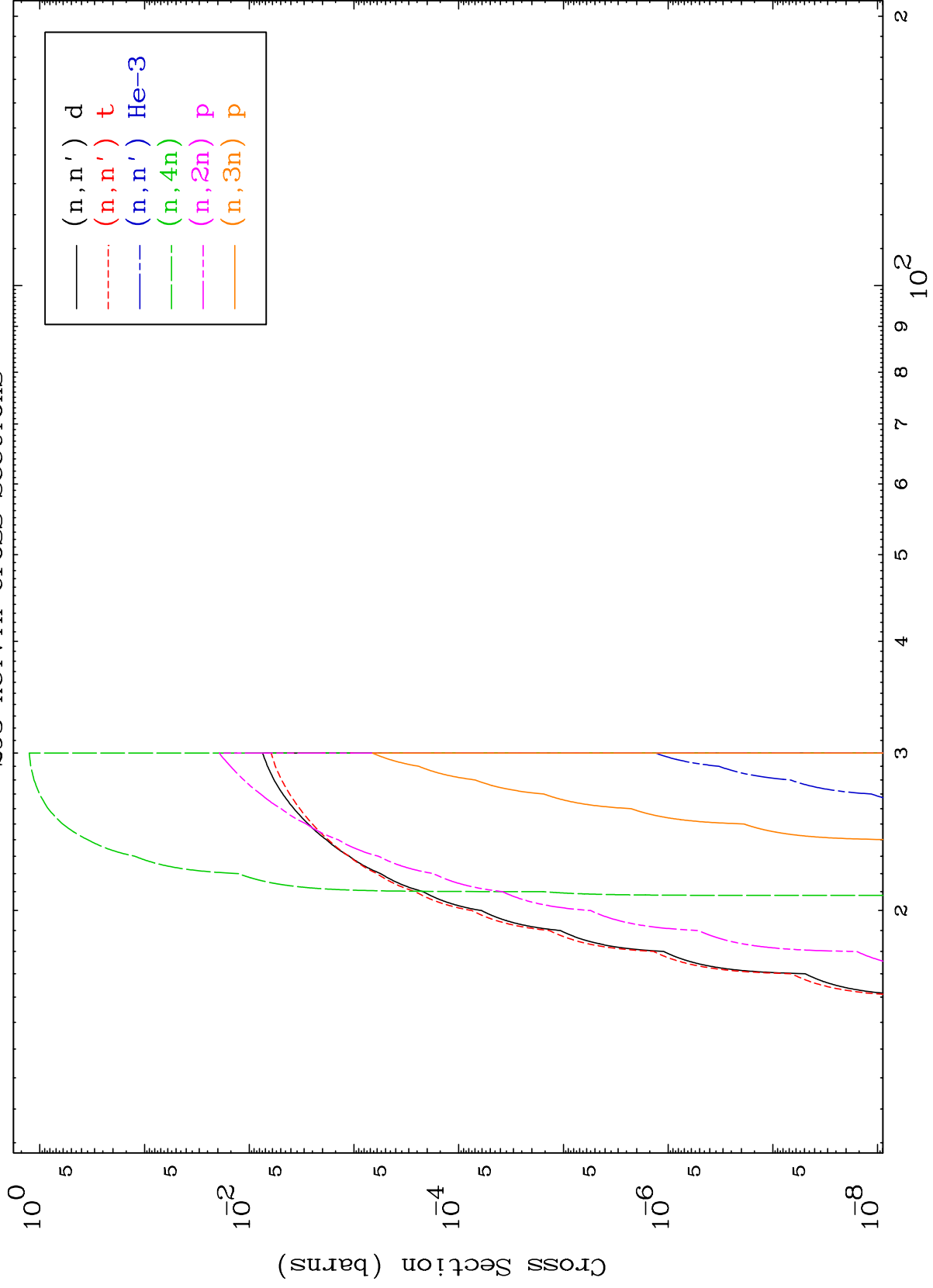


MAT 6937

Neutron Production  
293 Kelvin Cross Sections

69-Tm-173

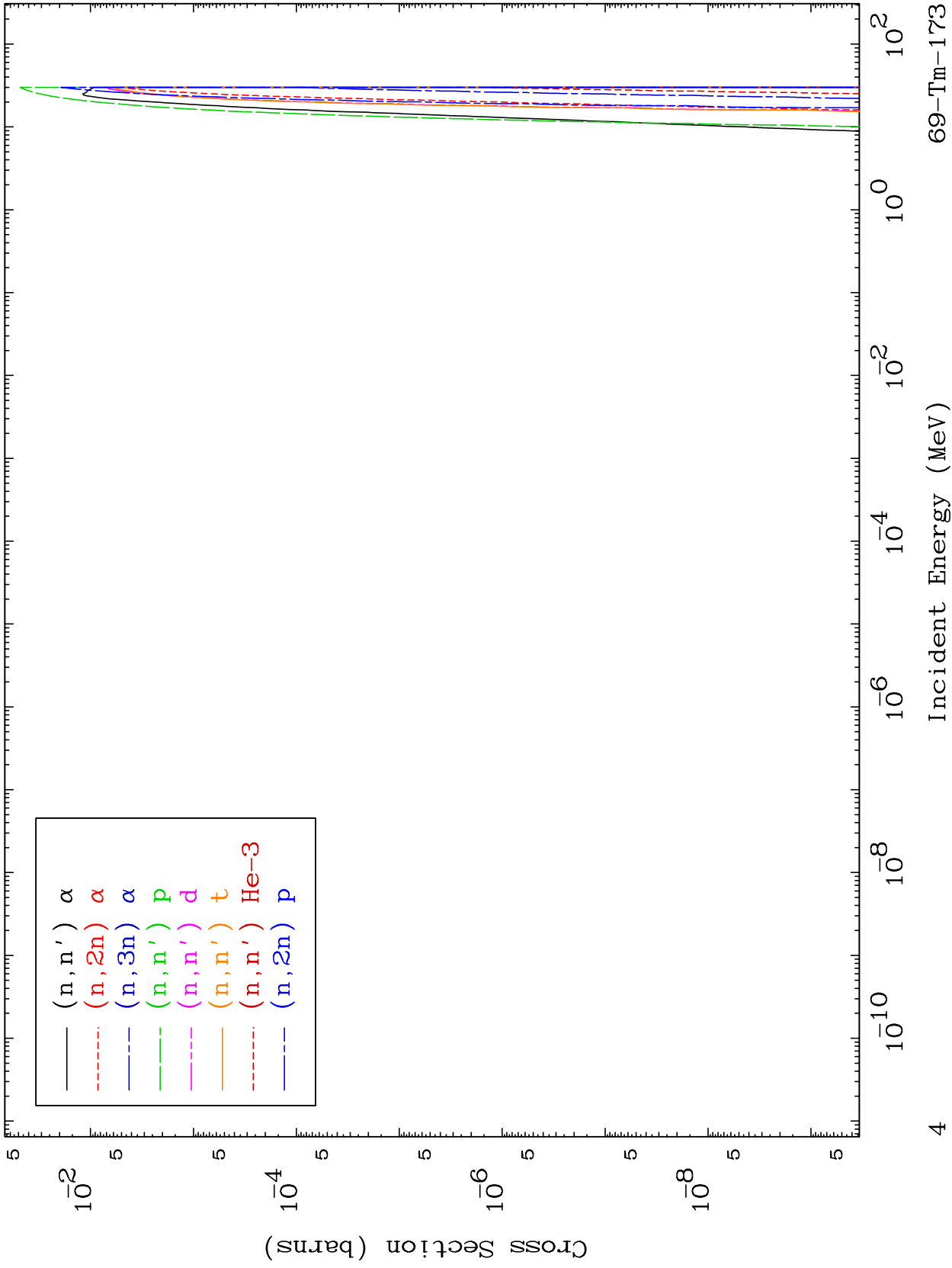




MAT 6937

Charged Particle  
293 Kelvin Cross Sections

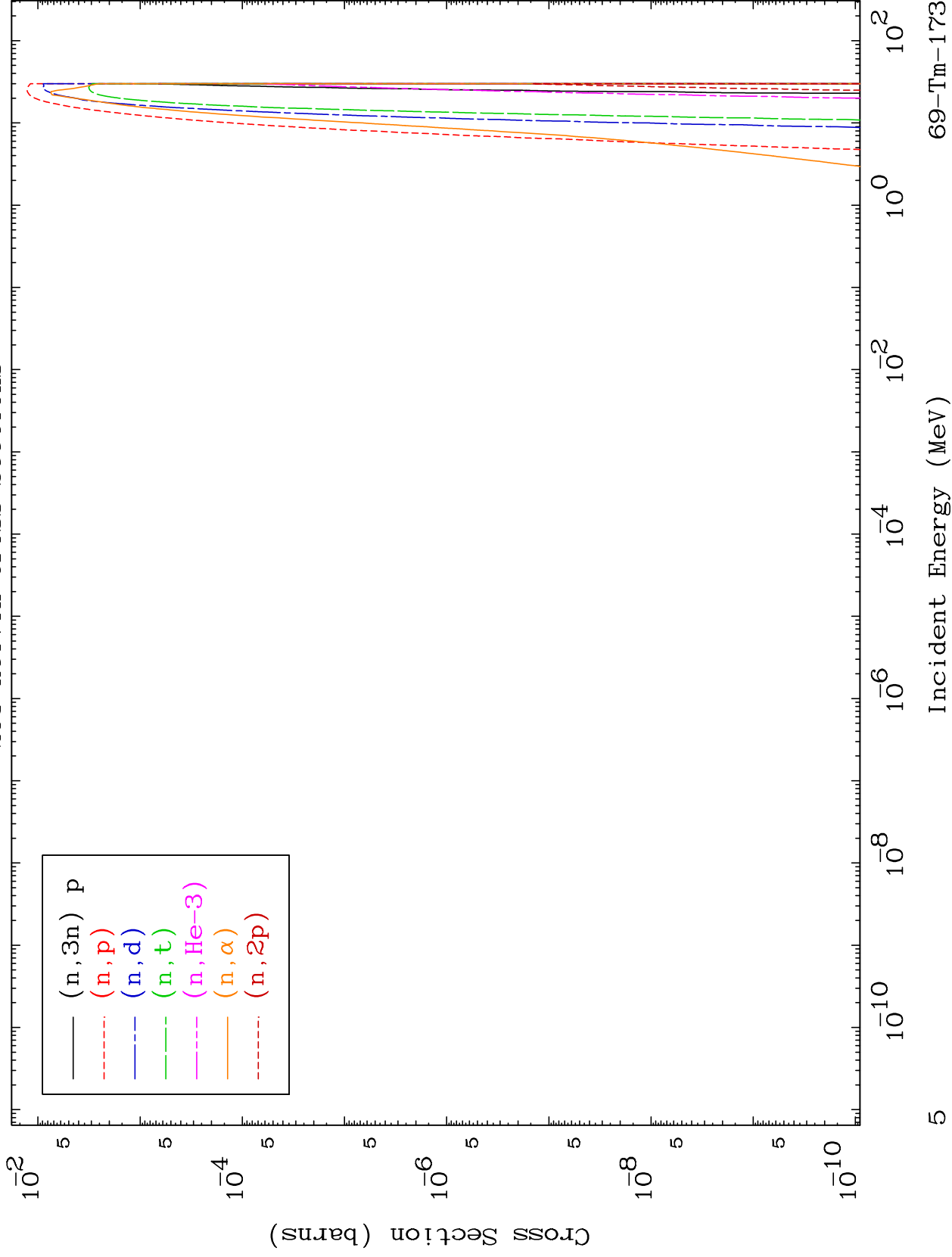
69-Tm-173



MAT 6937

Charged Particle  
293 Kelvin Cross Sections

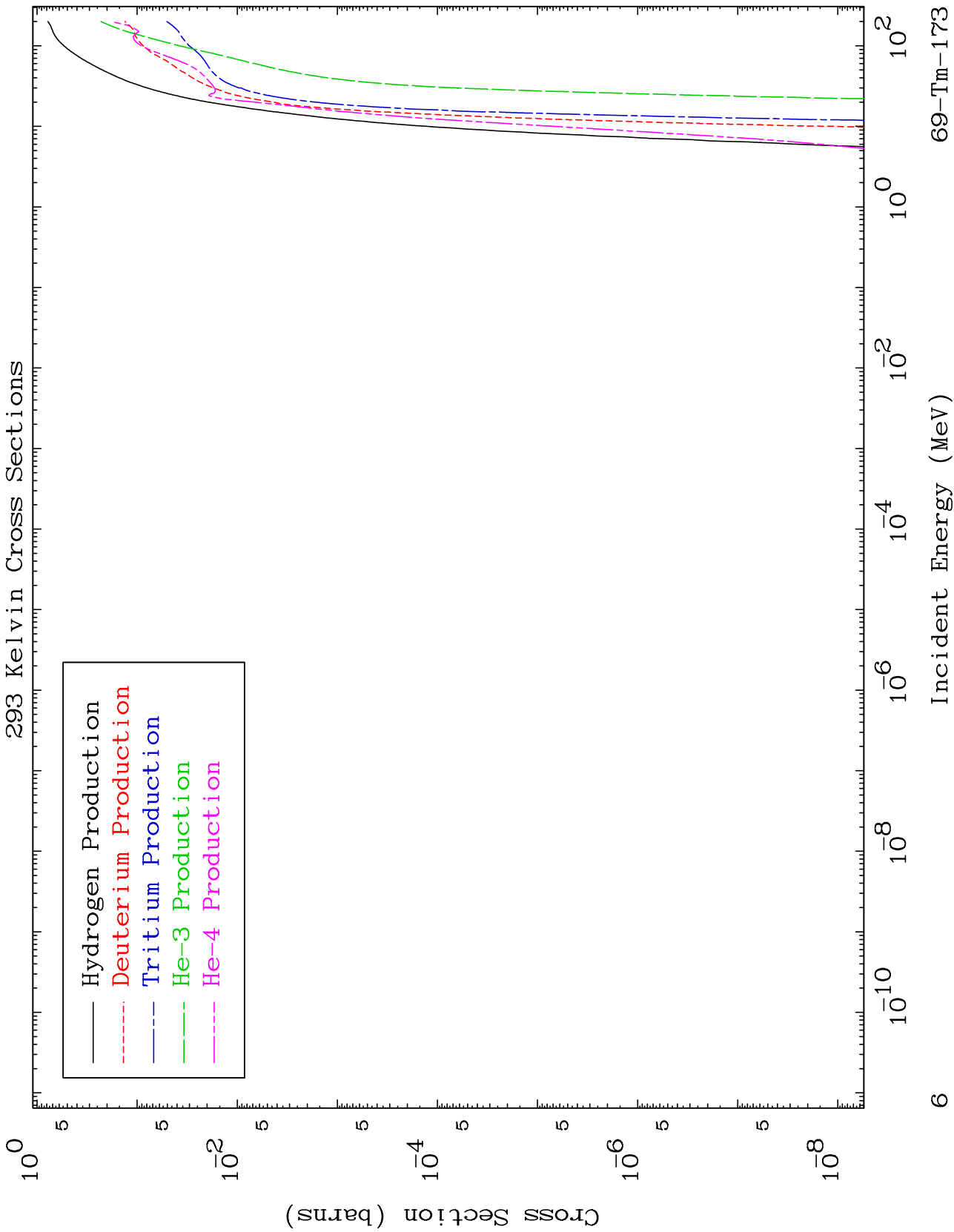
69-Tm-173



MAT 6937

Particle Production  
293 Kelvin Cross Sections

69-Tm-173

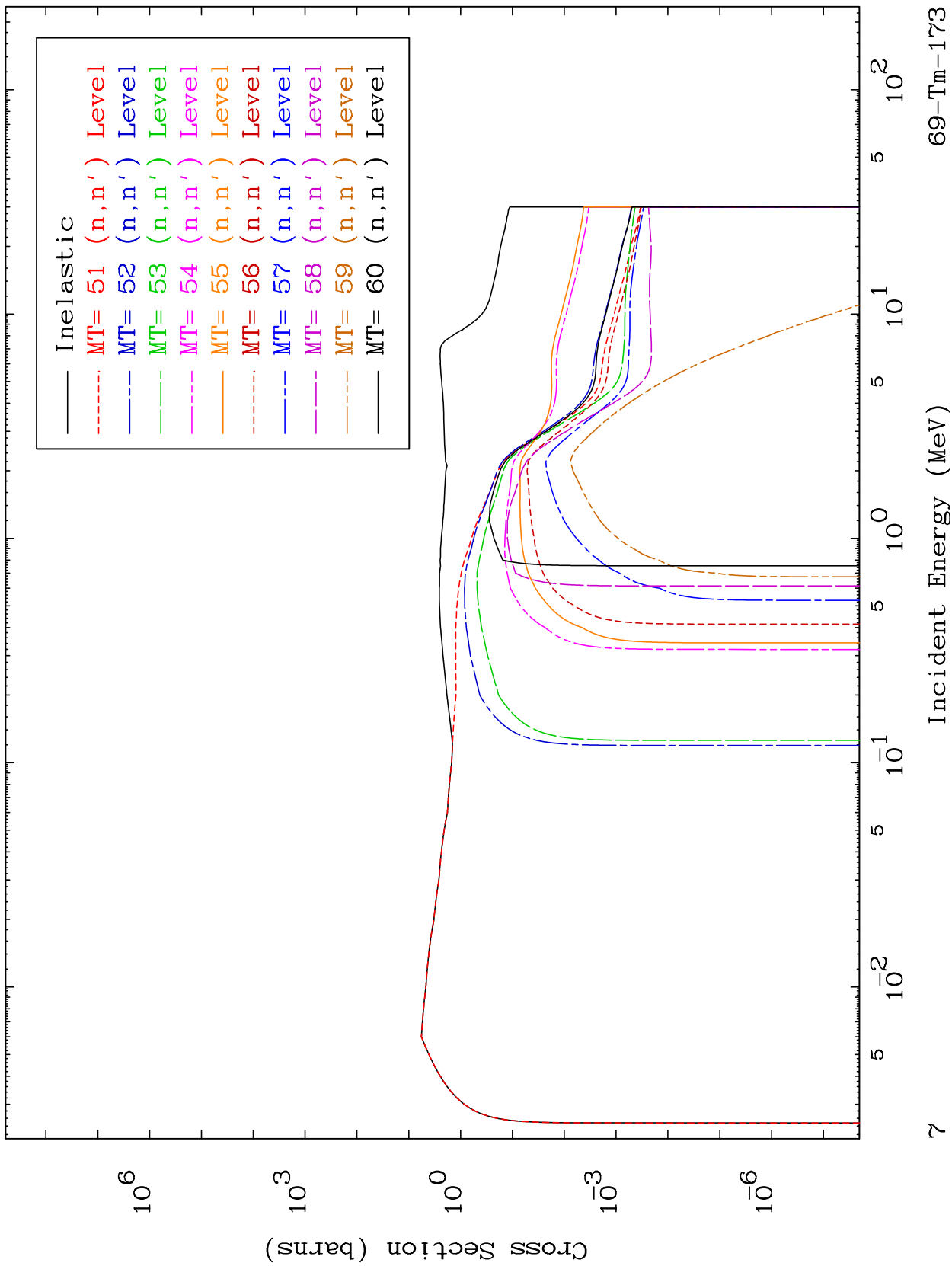


MAT 6937

(n,n') Level

69-Tm-173

293 Kelvin Cross Sections



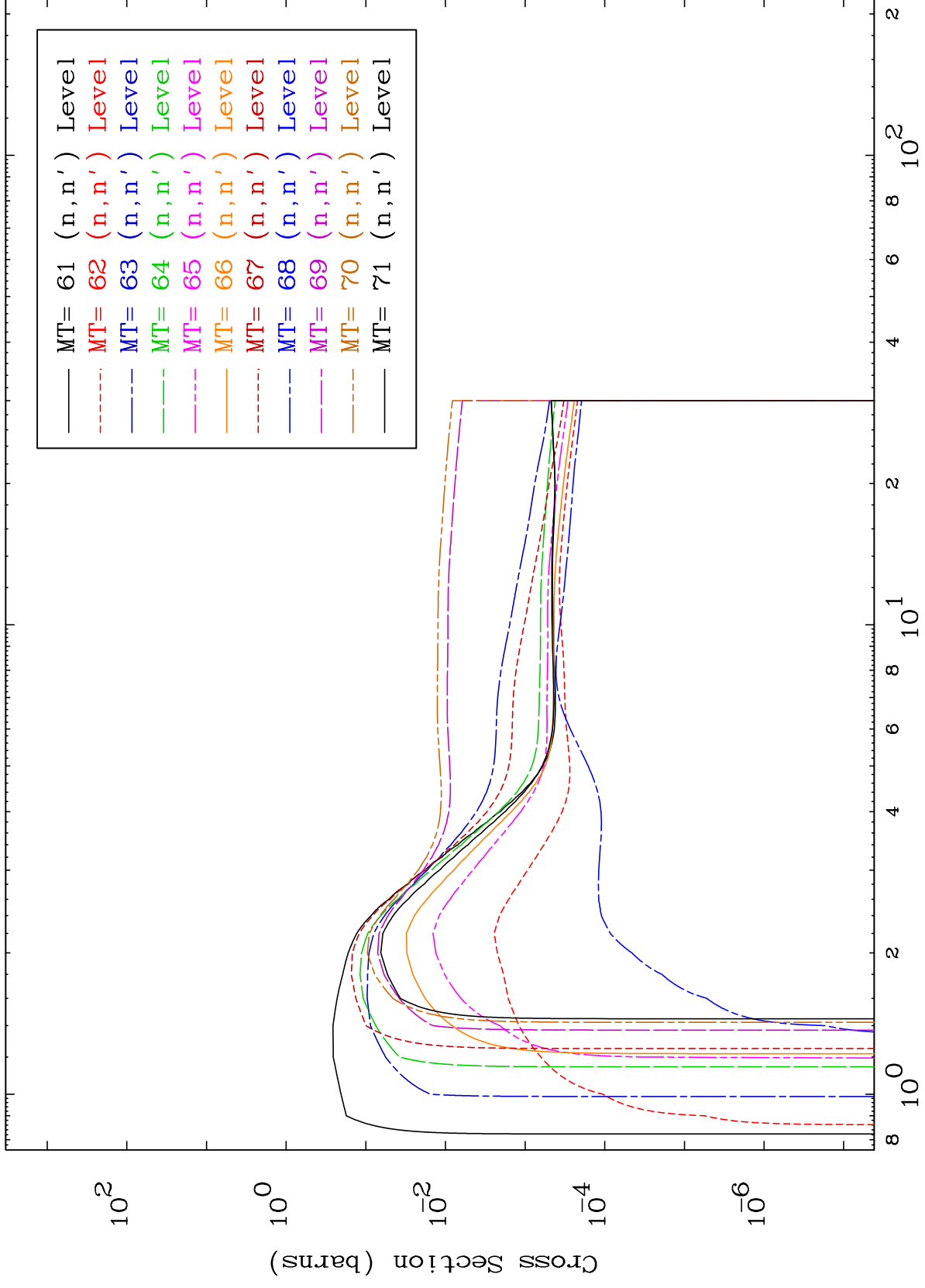


MAT 6937

(n,n') Level

69-Tm-173

293 Kelvin Cross Sections



Incident Energy (MeV)

69-Tm-173

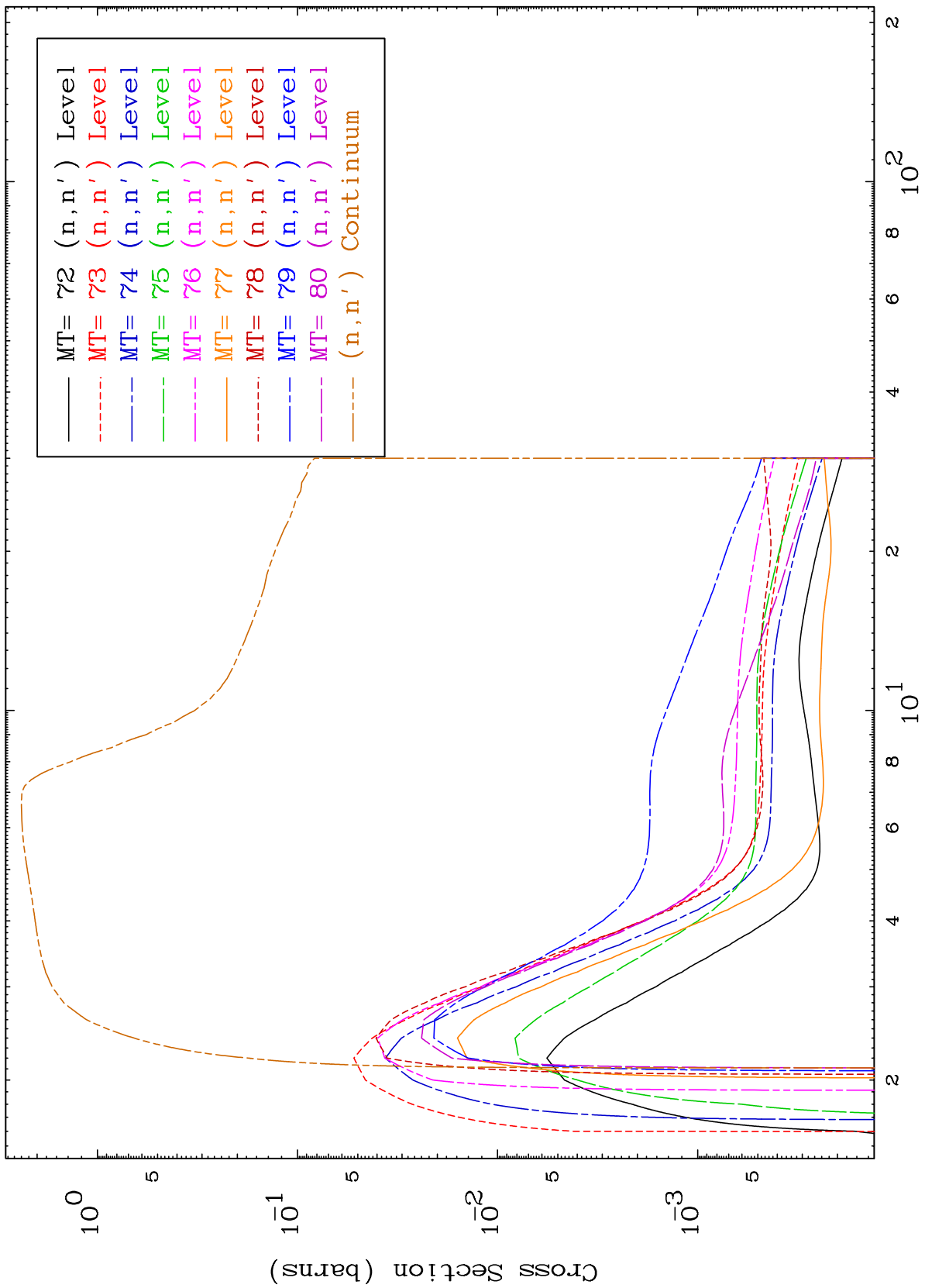
8

MAT 6937

(n,n') Level

69-Tm-173

293 Kelvin Cross Sections



9

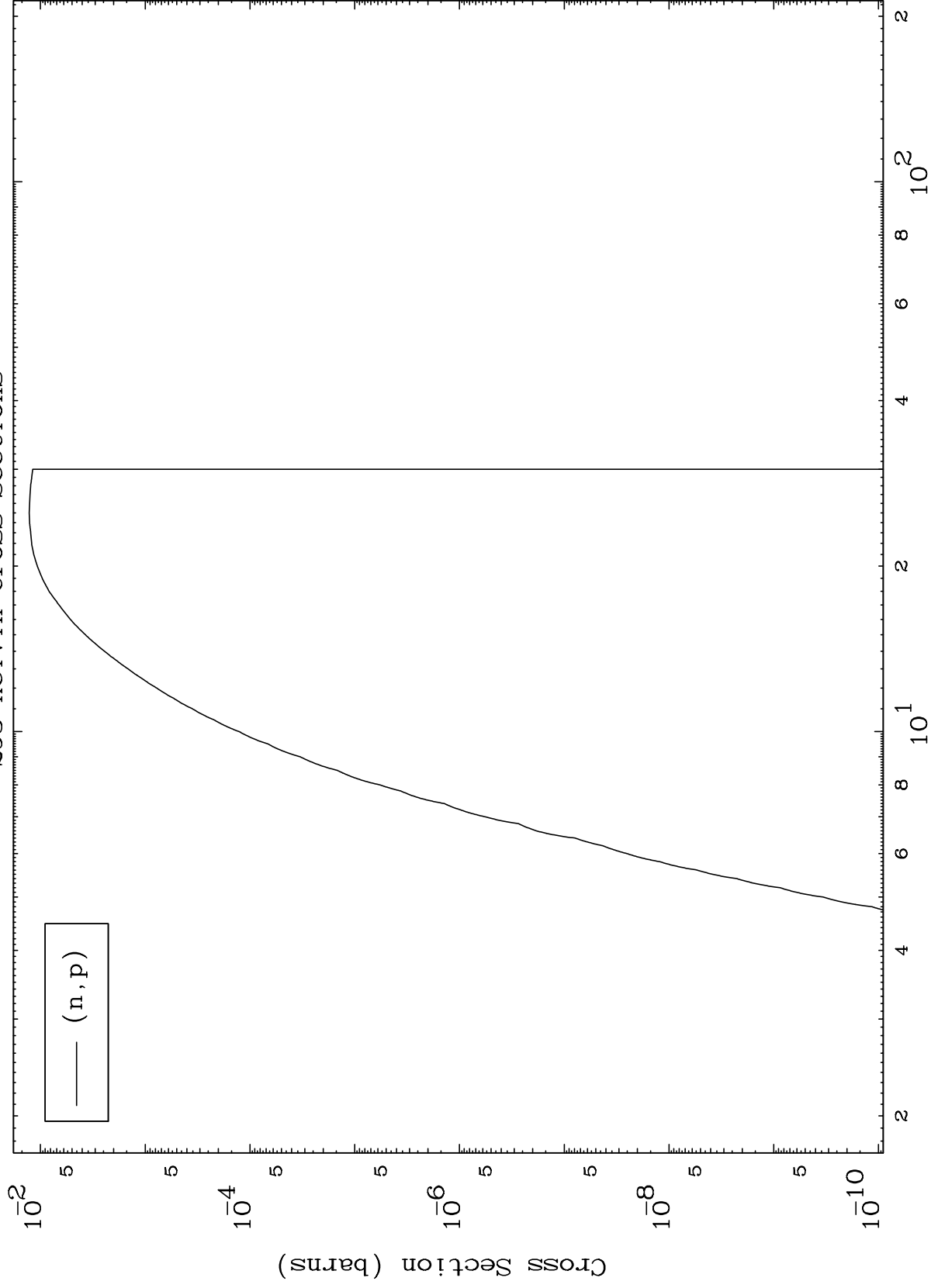
Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-173



10

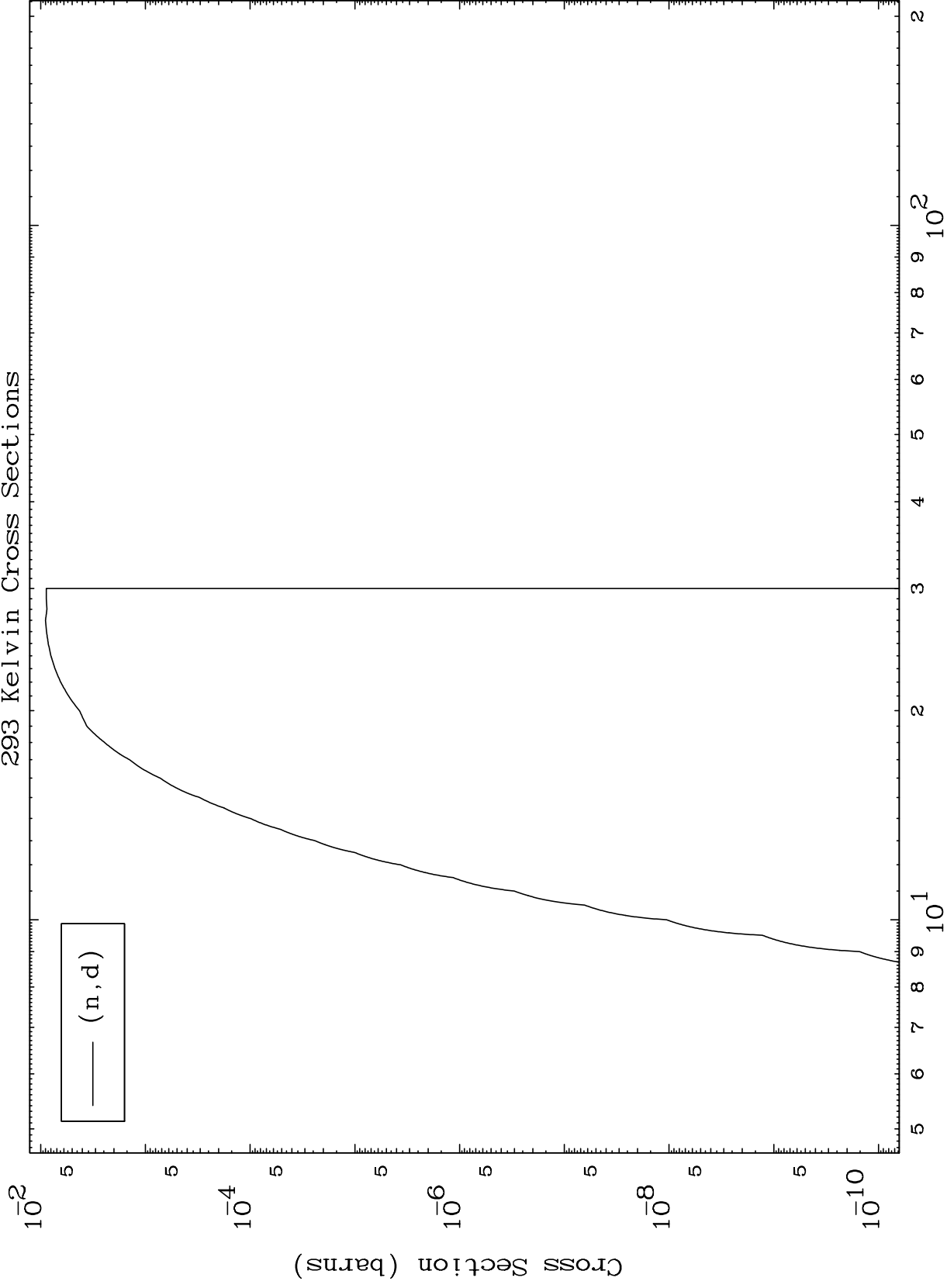
Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-173



11

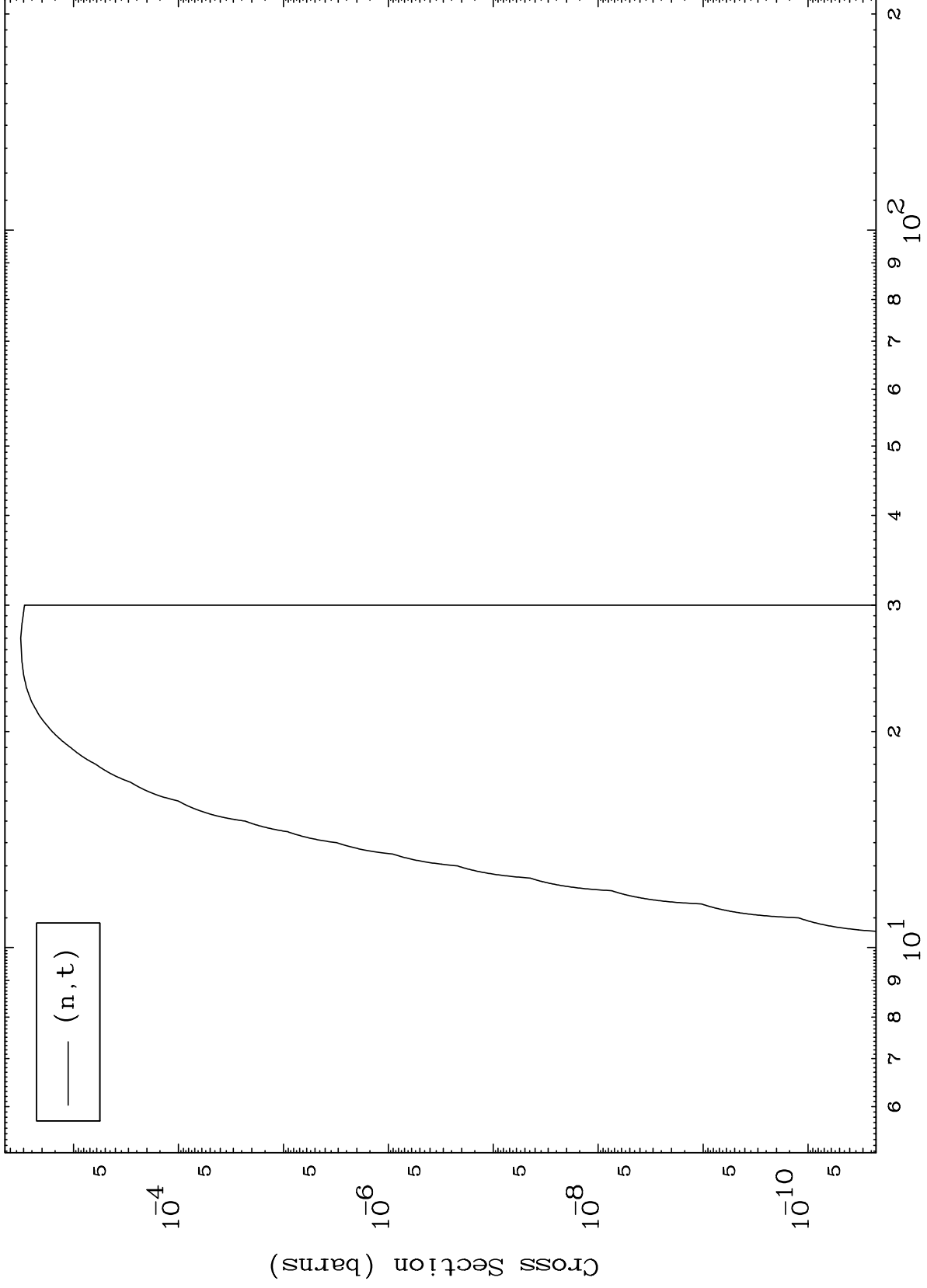
Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-173



12

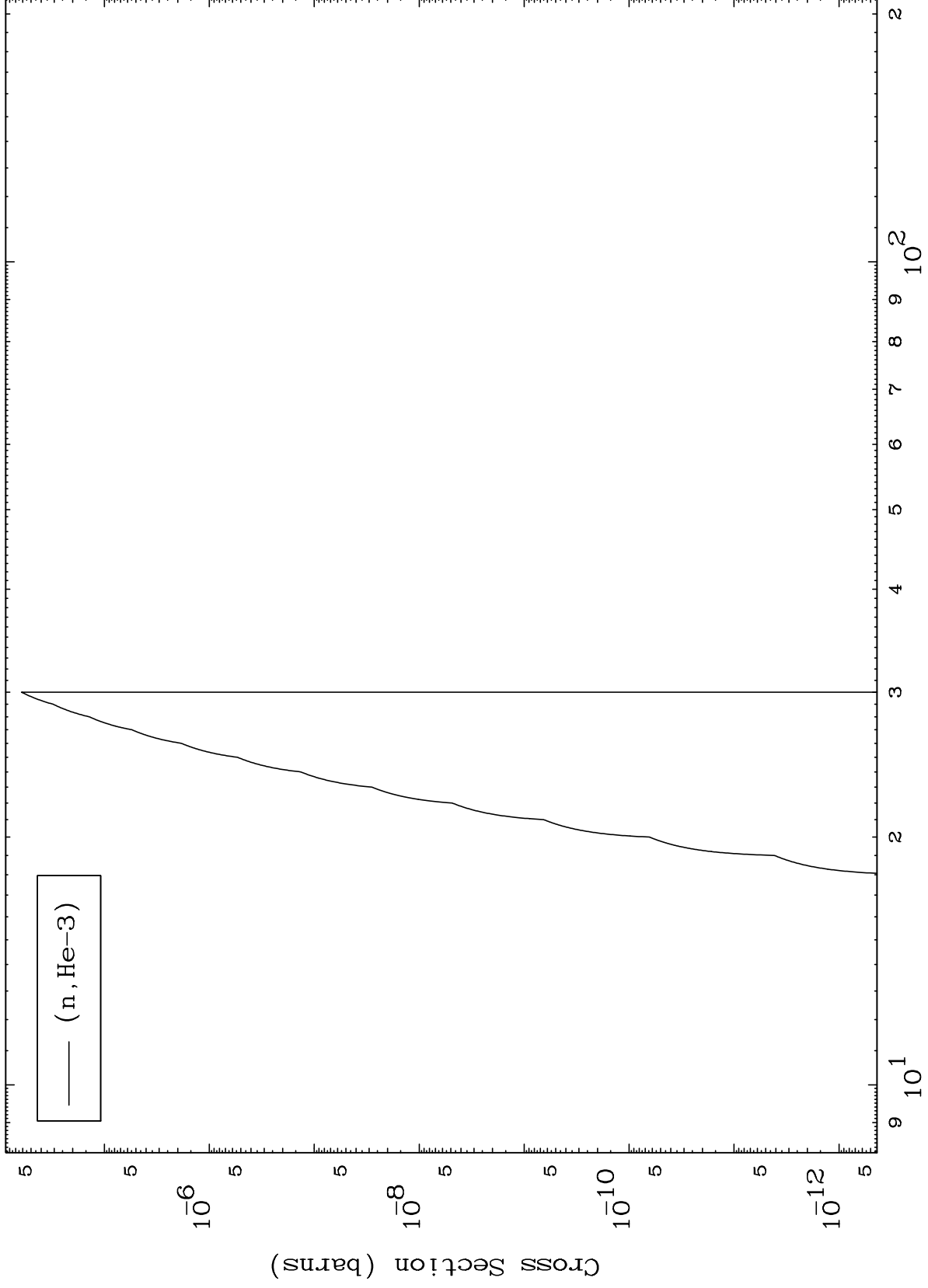
Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-173



13

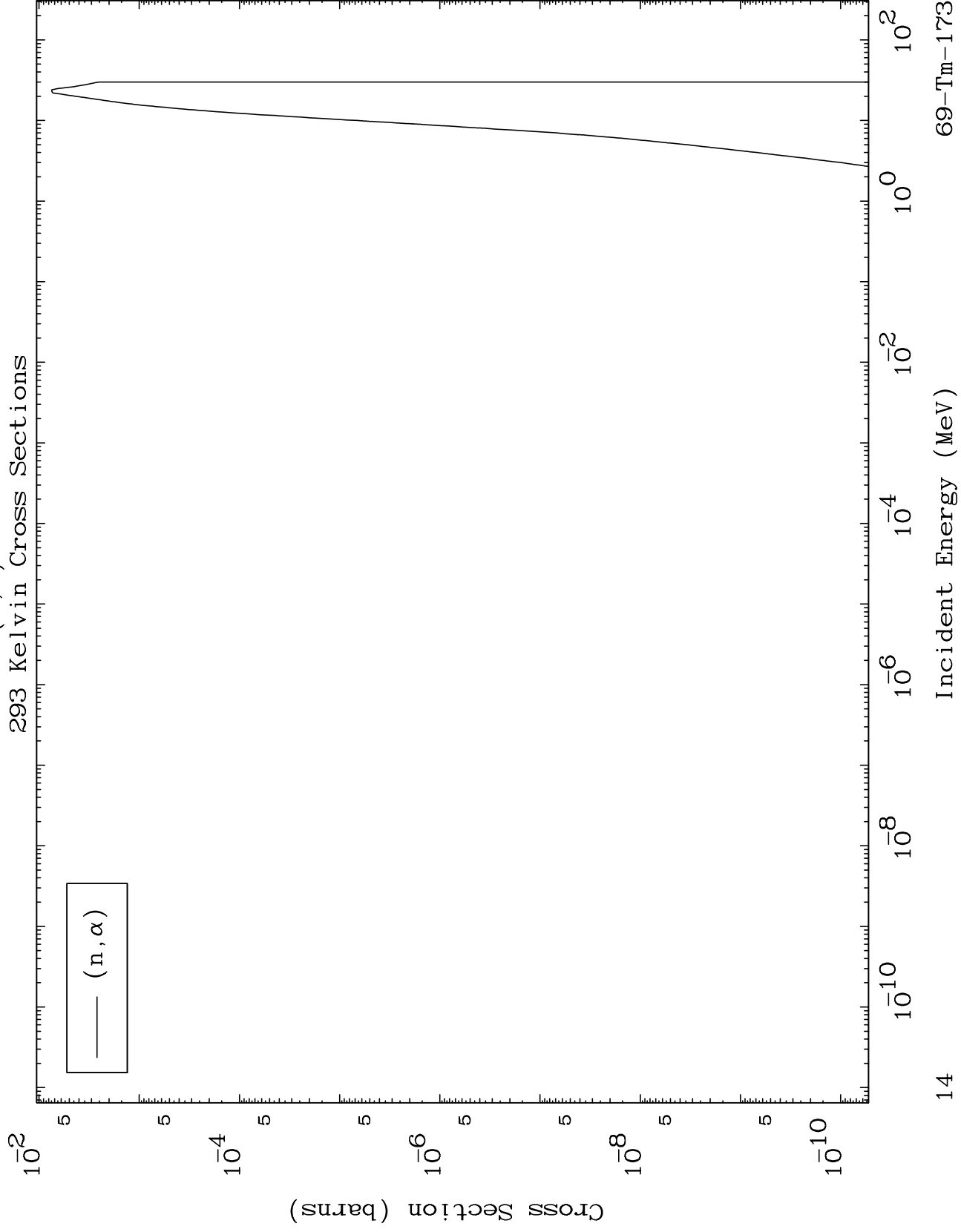
Incident Energy (MeV)

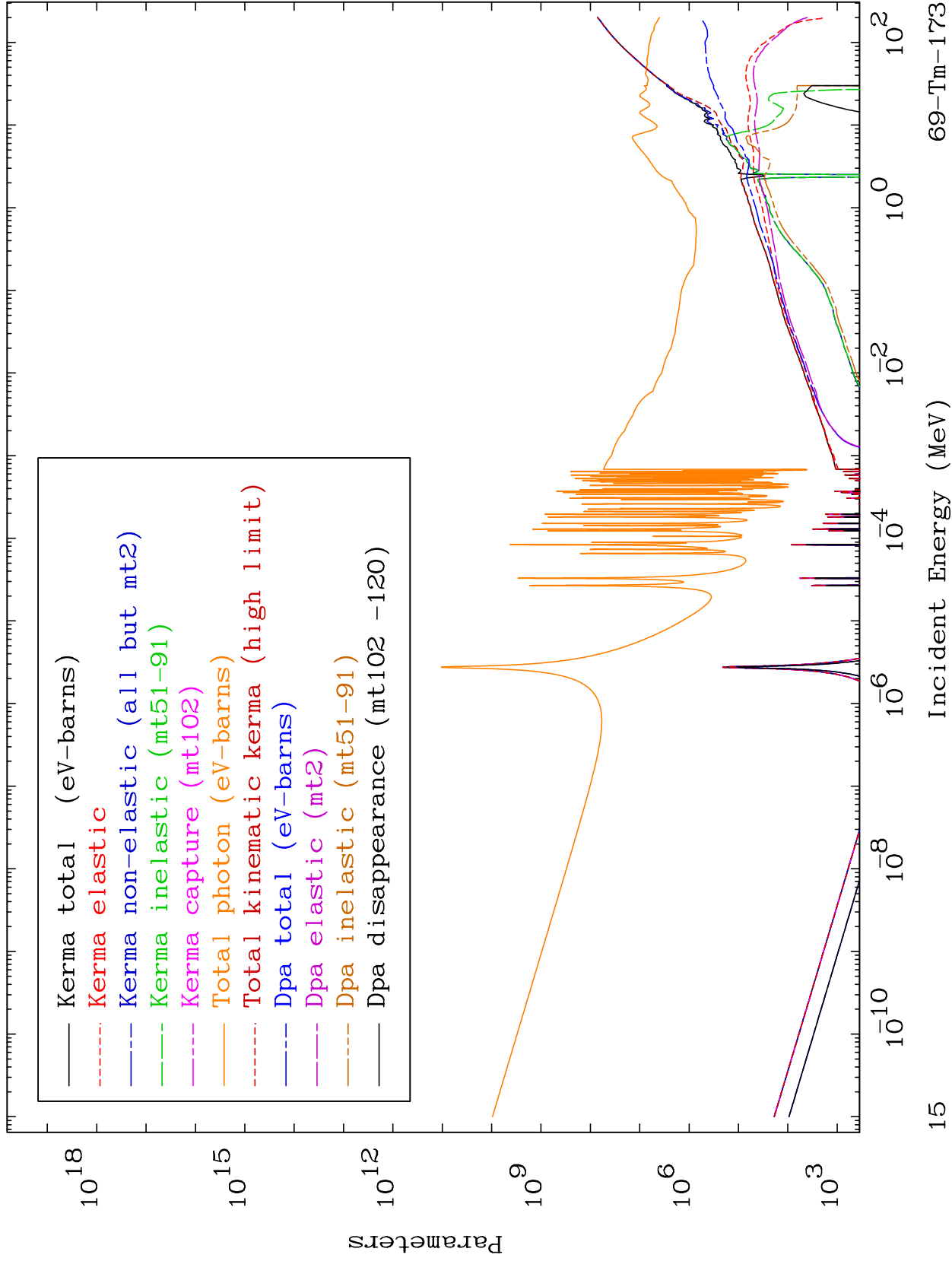
69-Tm-173

MAT 6937

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

69-Tm-173



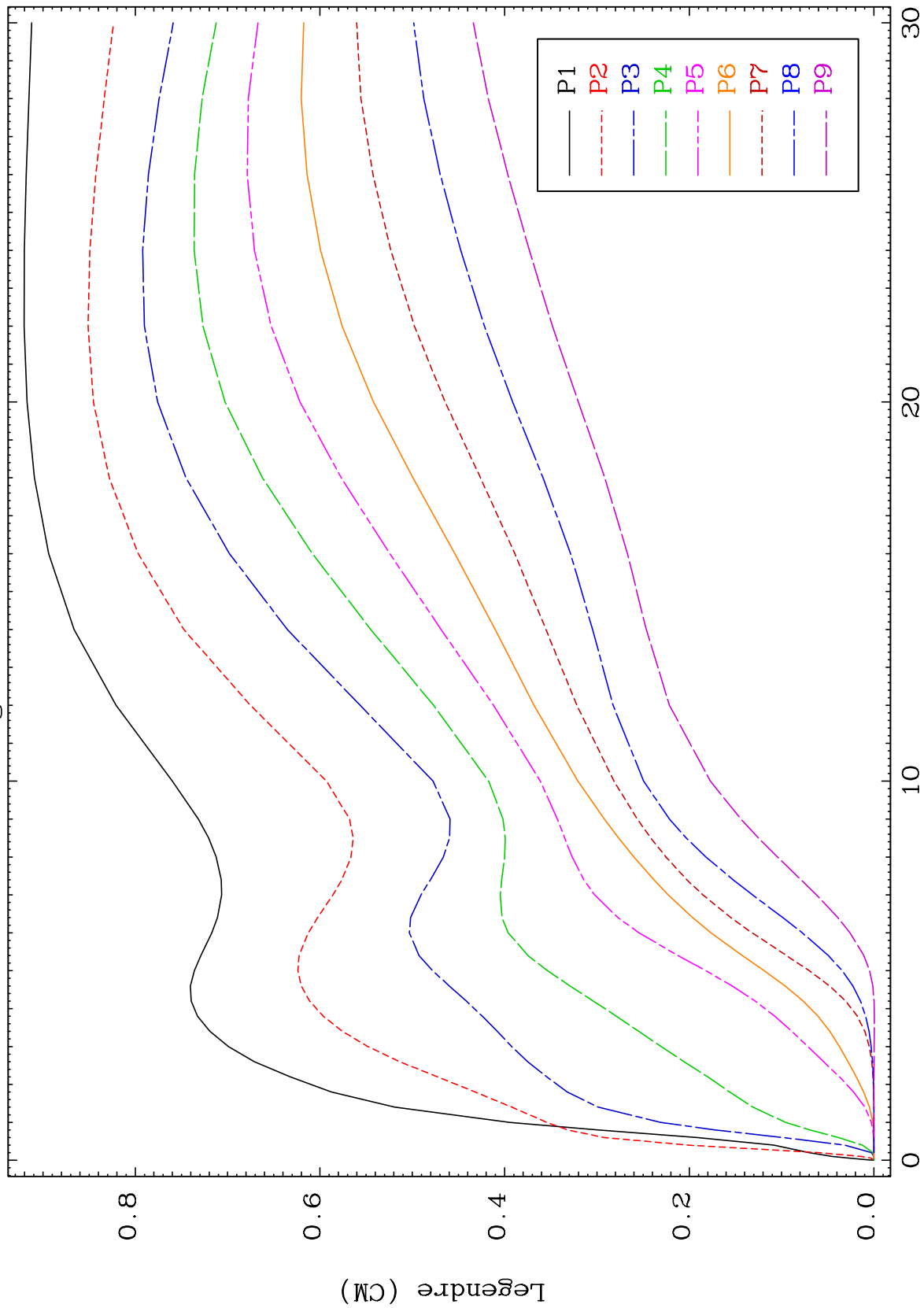




MAT 6937

Elastic Legendre Coefficients

69-Tm-173



16

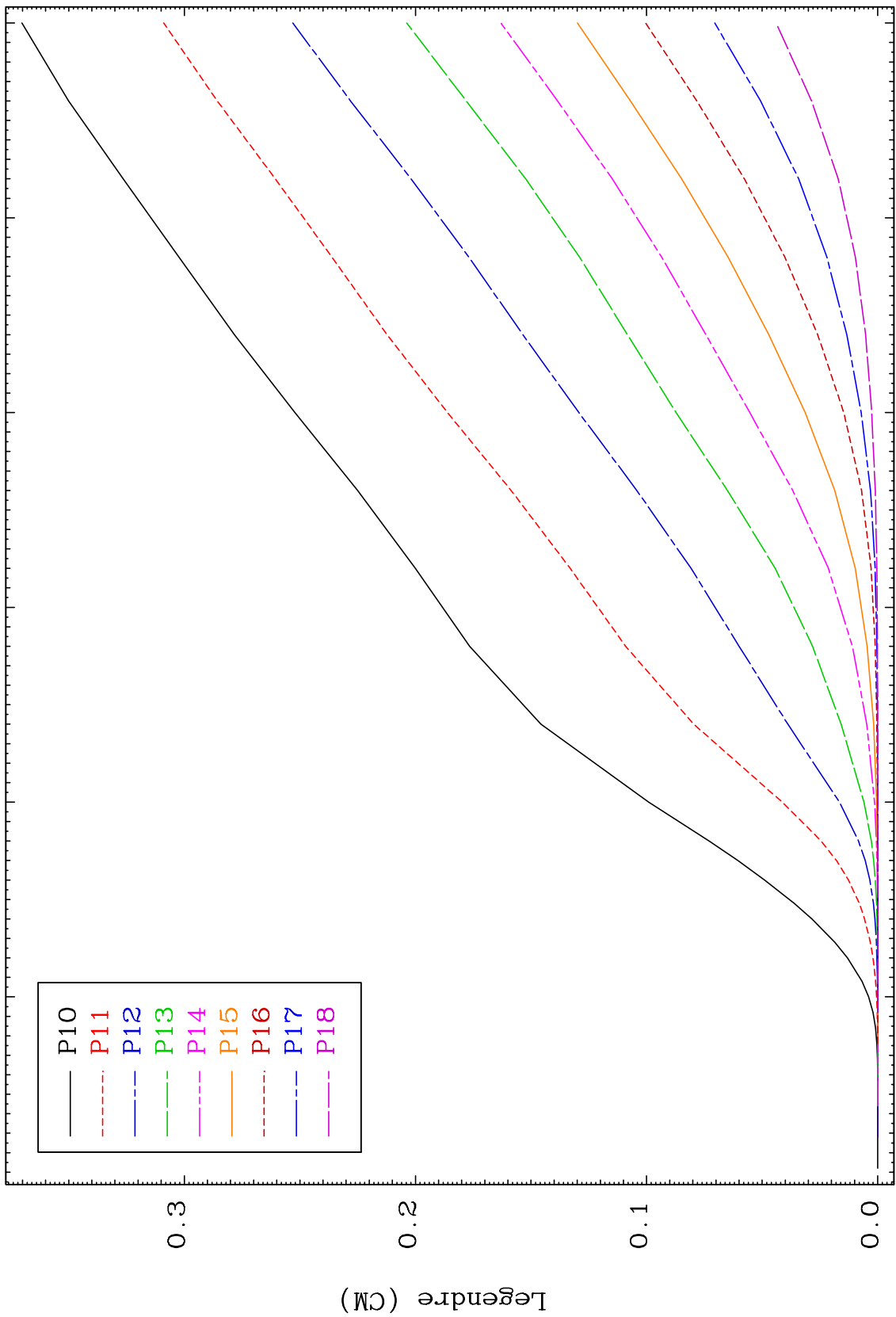
Incident Energy (MeV)

69-Tm-173

MAT 6937

Elastic Legendre Coefficients

69-Tm-173



17

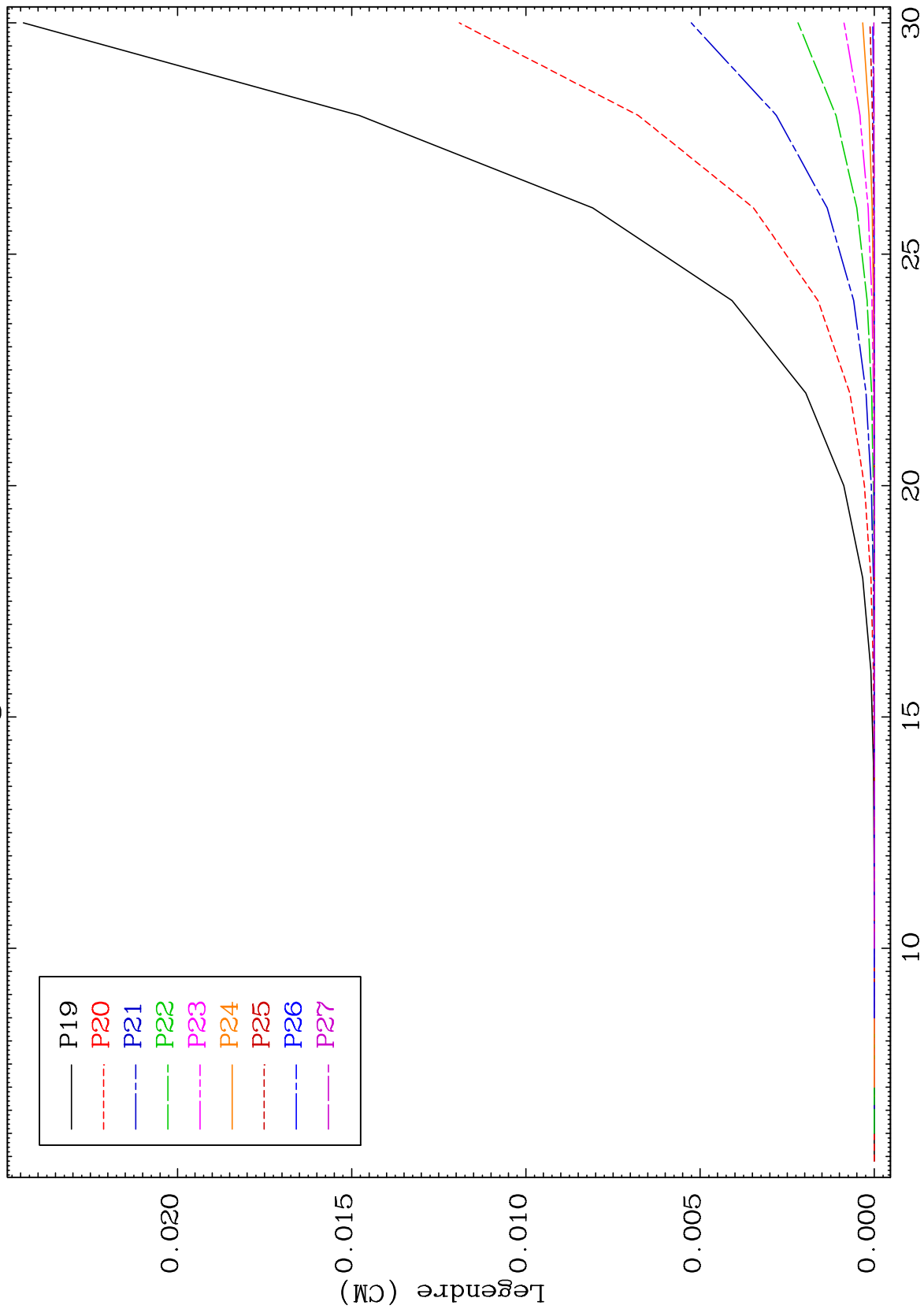
Incident Energy (MeV)

69-Tm-173

MAT 6937

### Elastic Legendre Coefficients

69-Tm-173



18

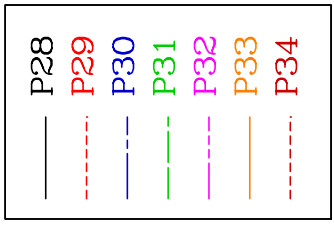
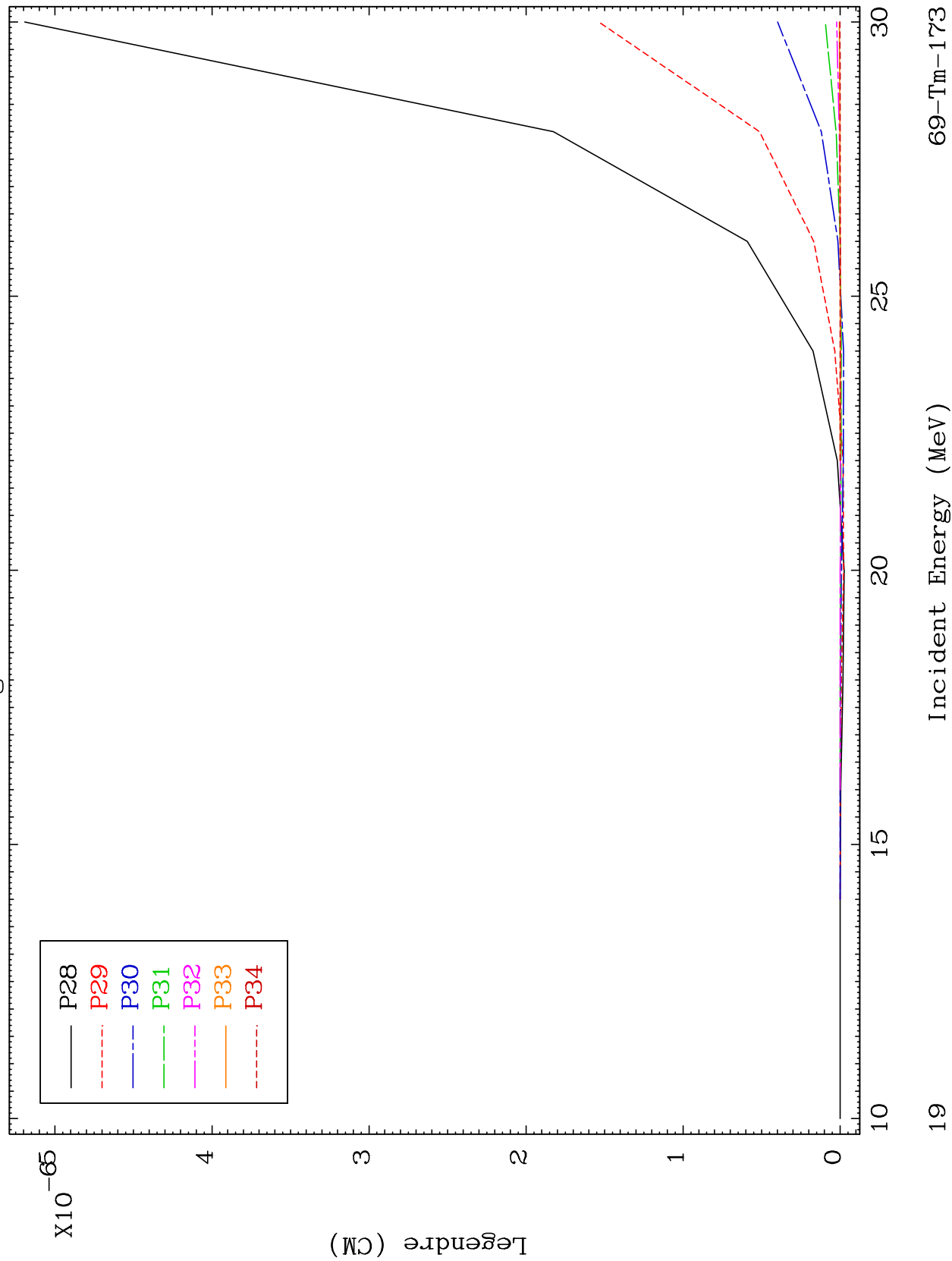
Incident Energy (MeV)

69-Tm-173

MAT 6937

Elastic  
Legendre Coefficients

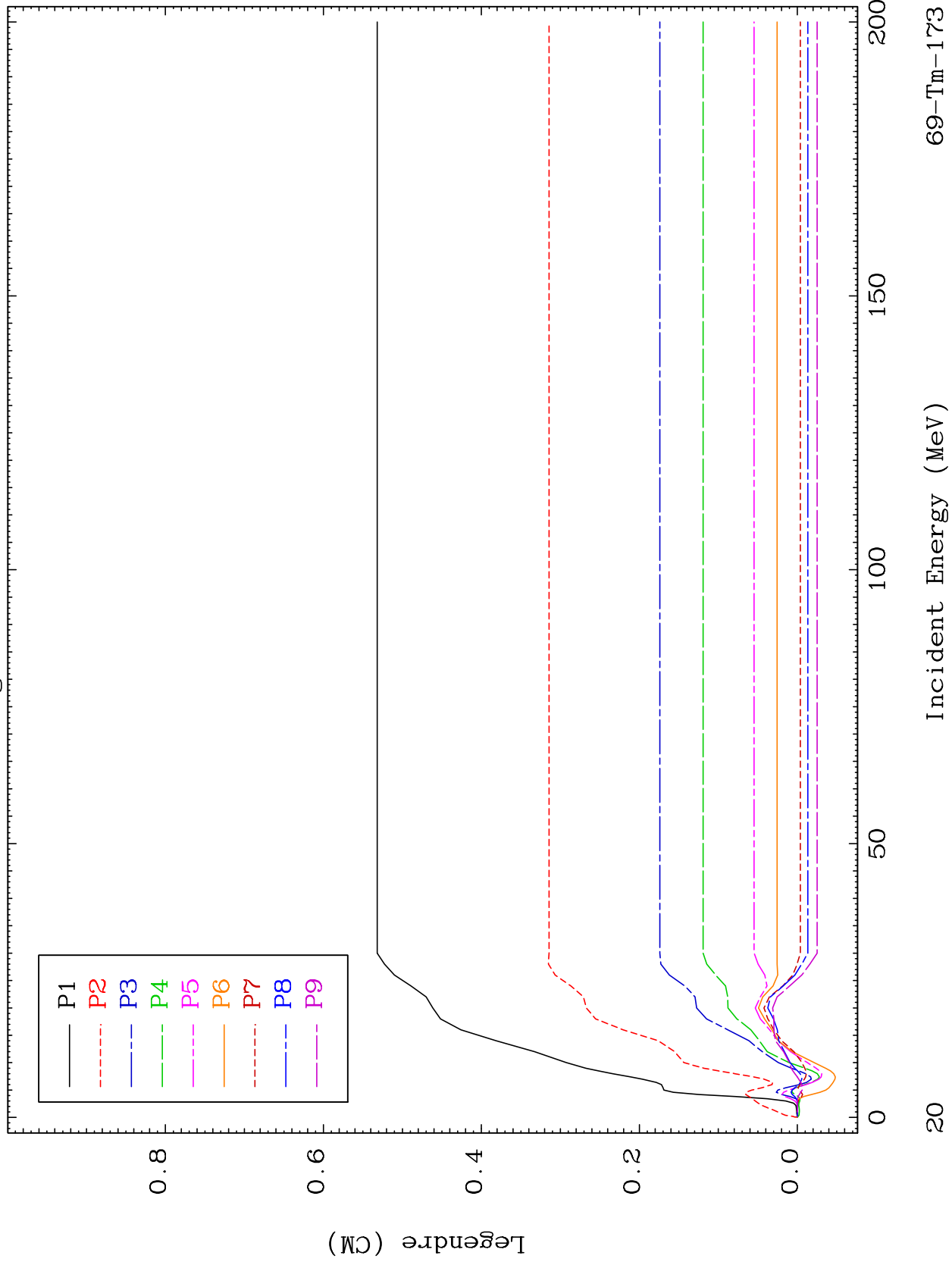
69-Tm-173



MAT 6937

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

69-Tm-173



69-Tm-173

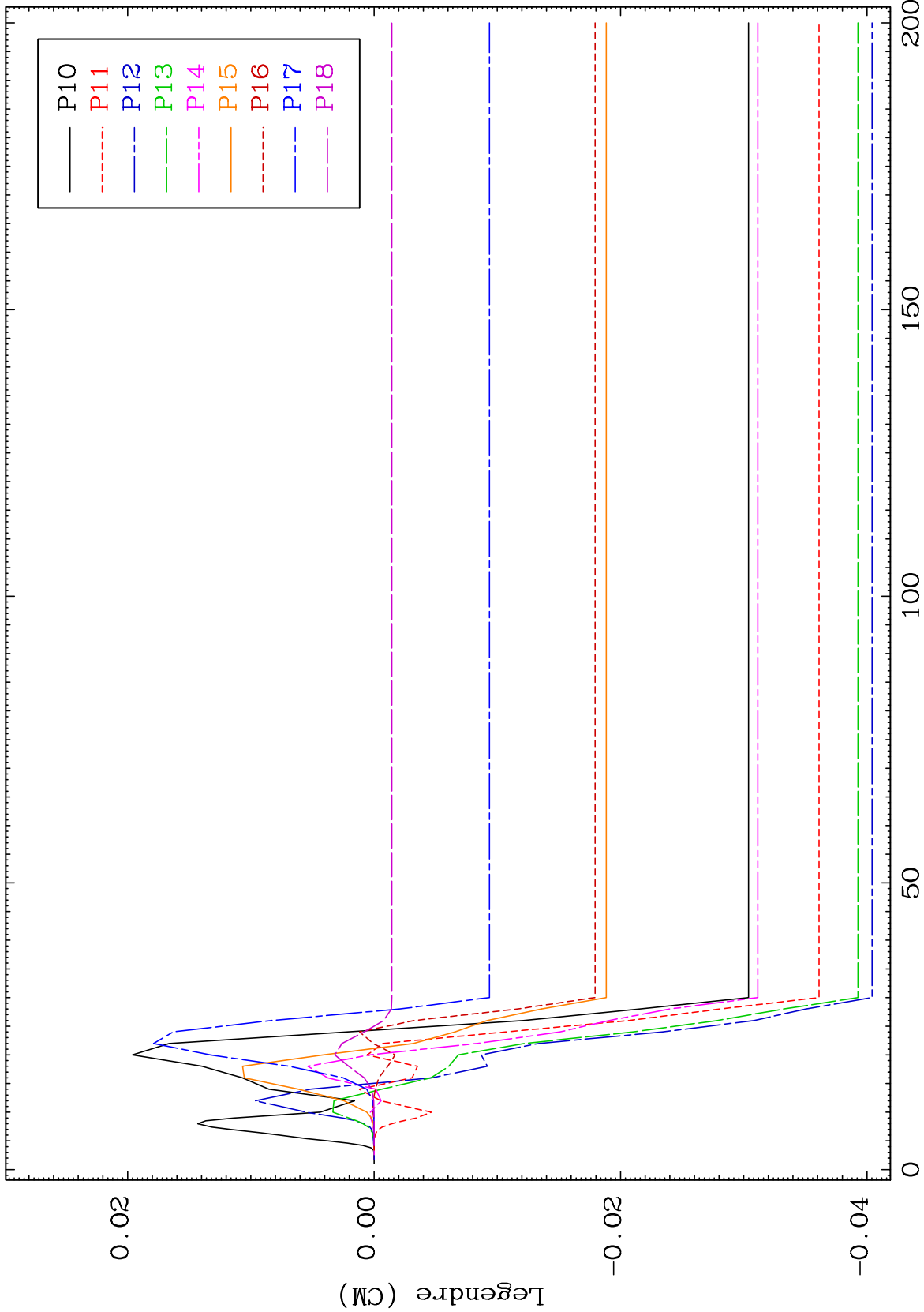
Incident Energy (MeV)

0

MAT 6937

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

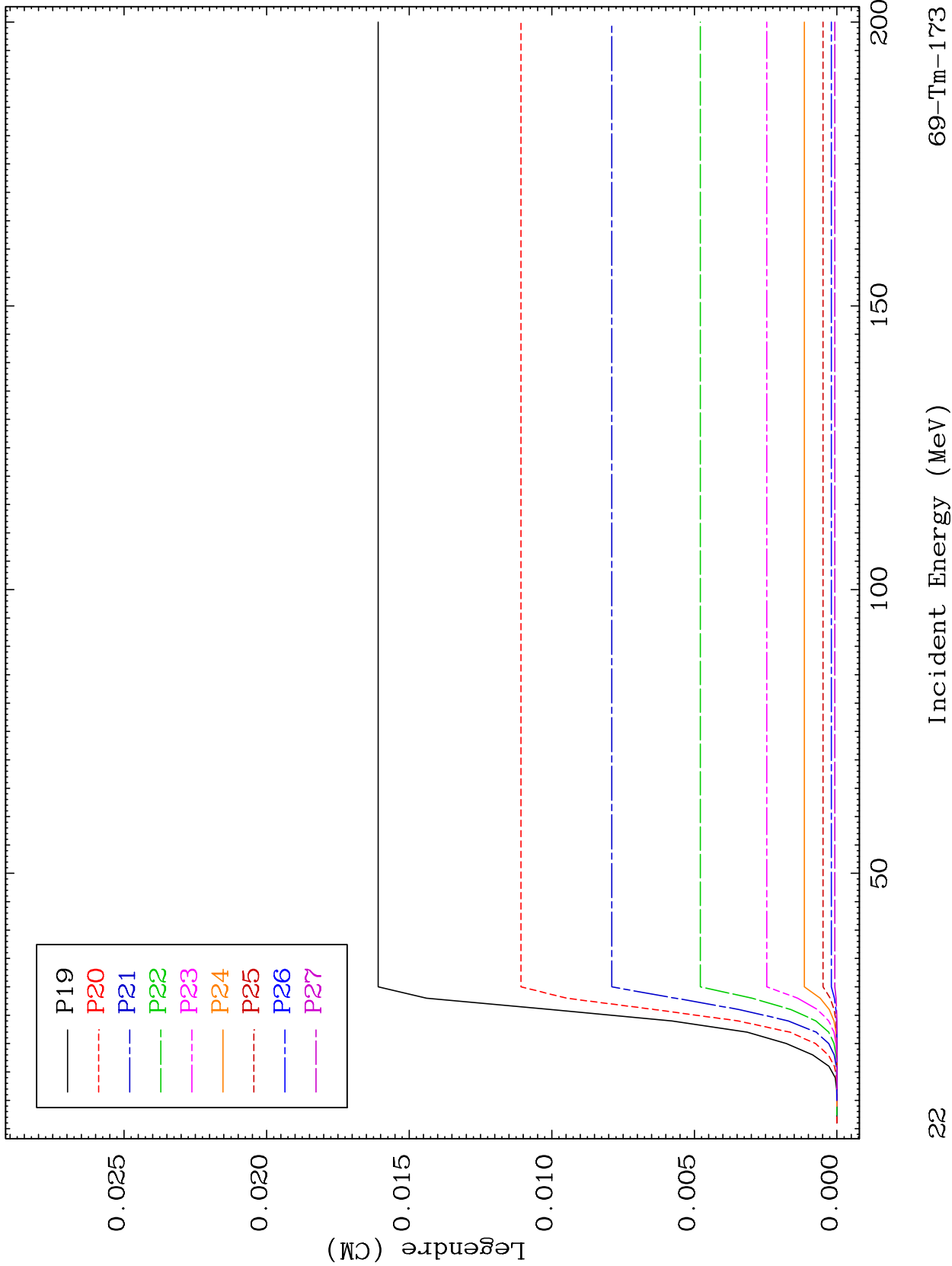
69-Tm-173

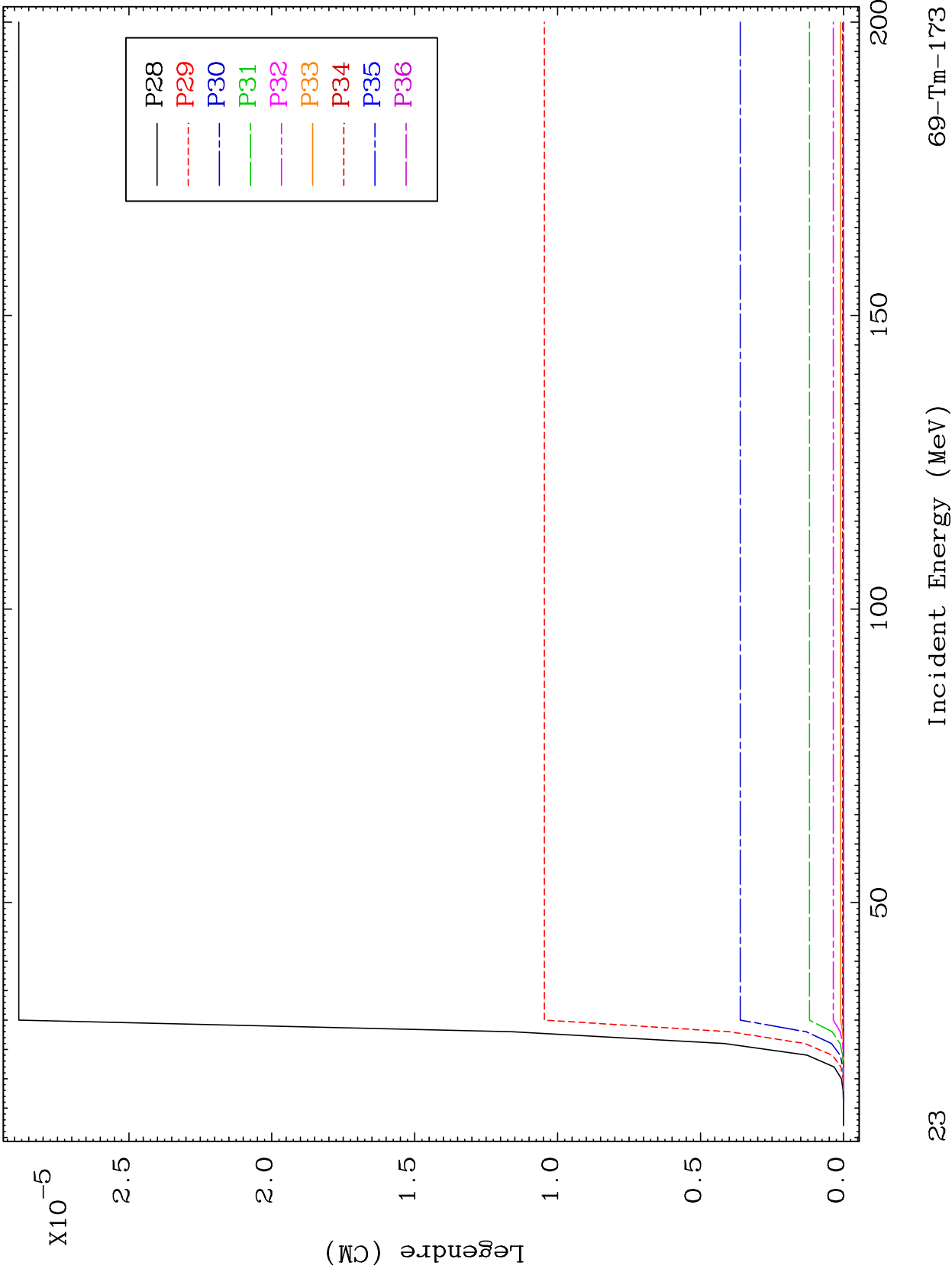


21

Incident Energy (MeV)

69-Tm-173



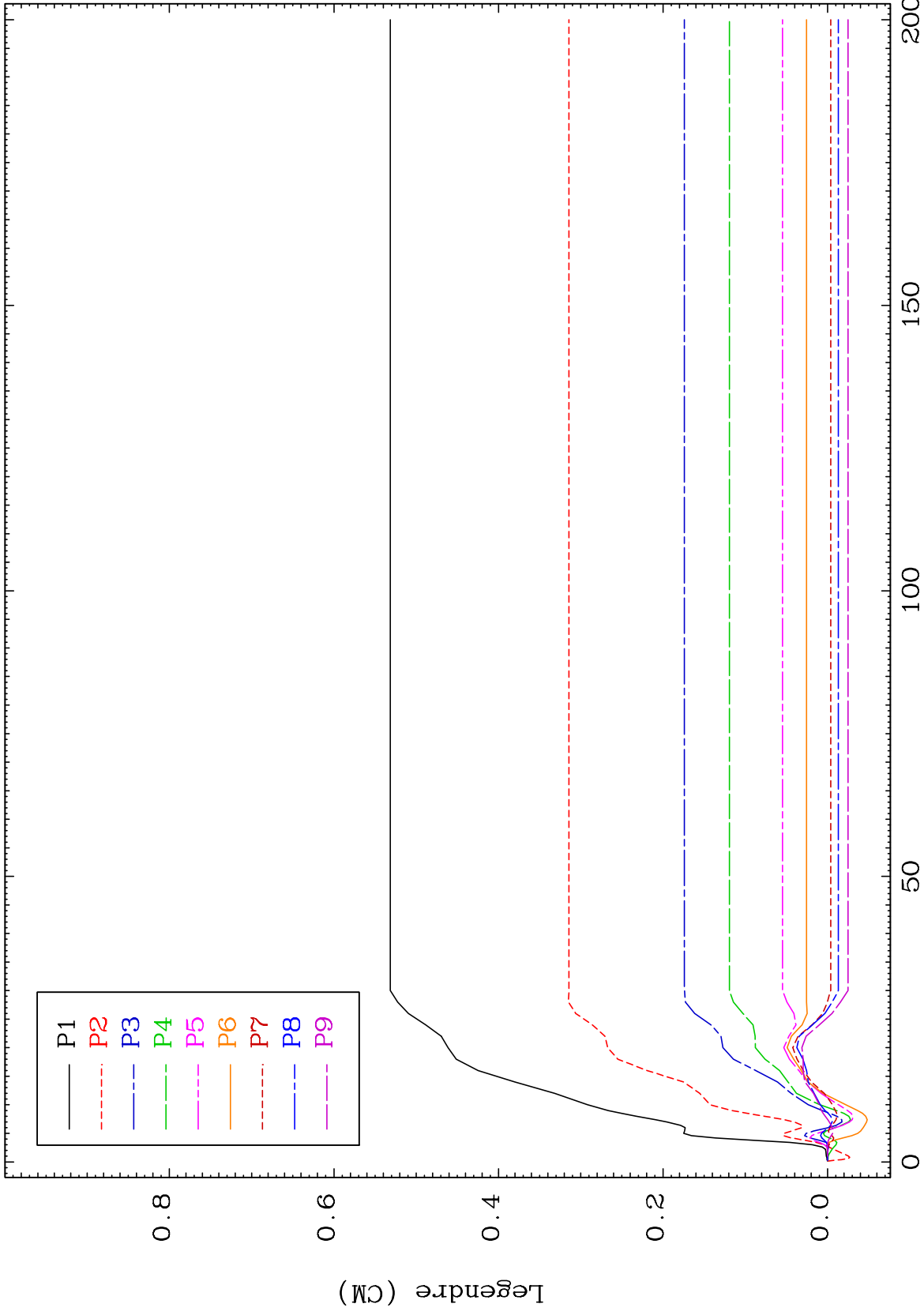




MAT 6937

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

69-Tm-173



24

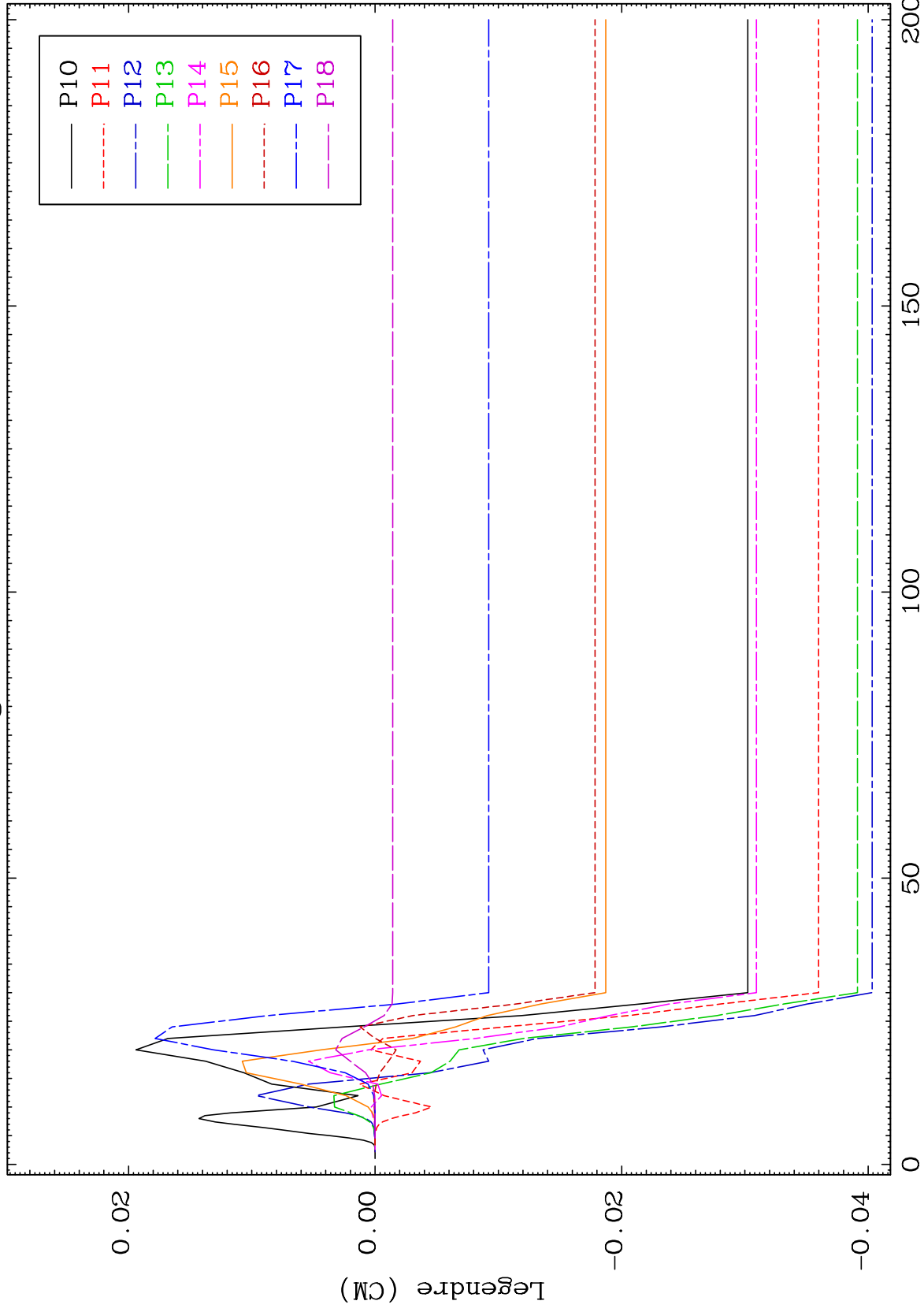
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

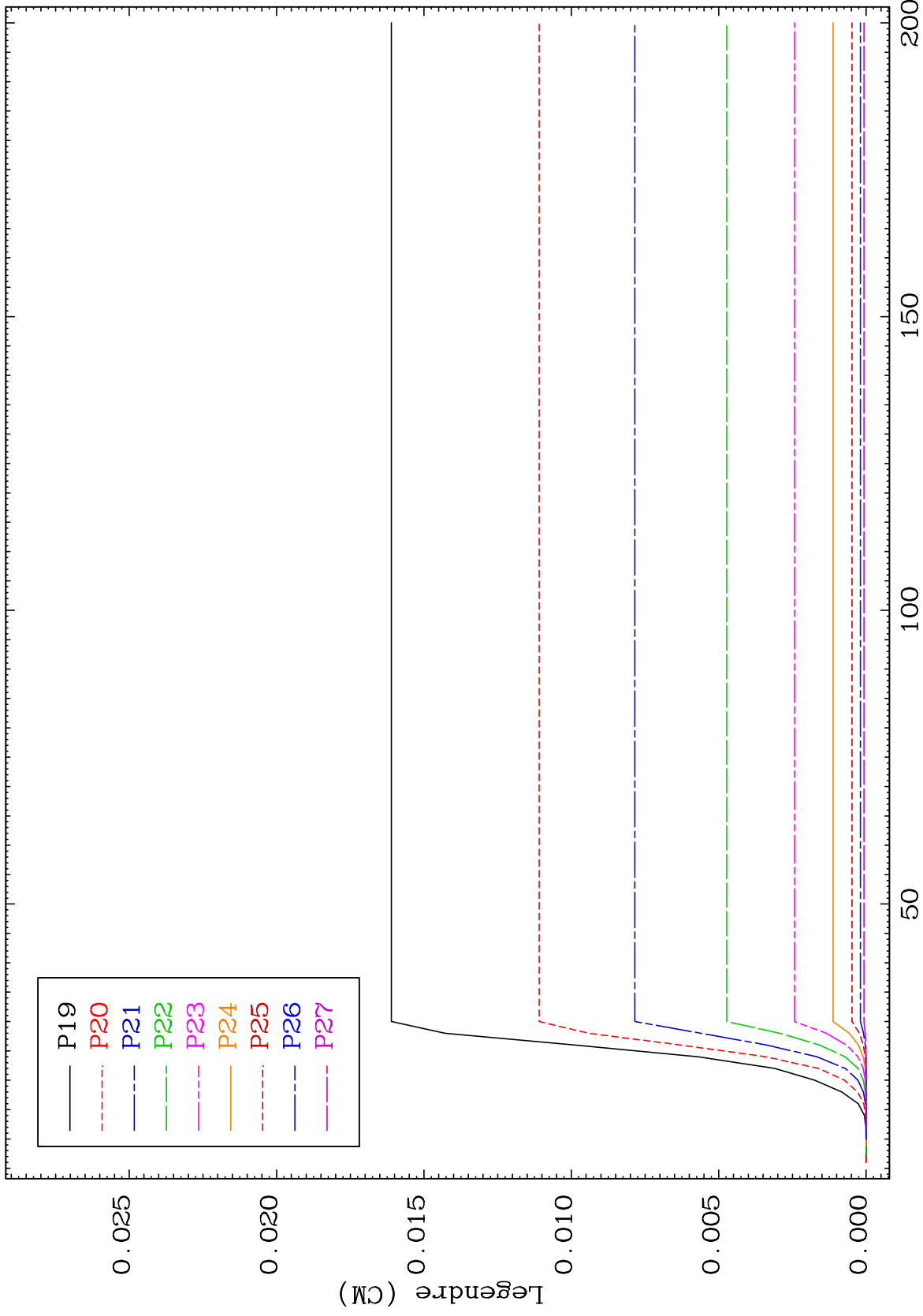
69-Tm-173

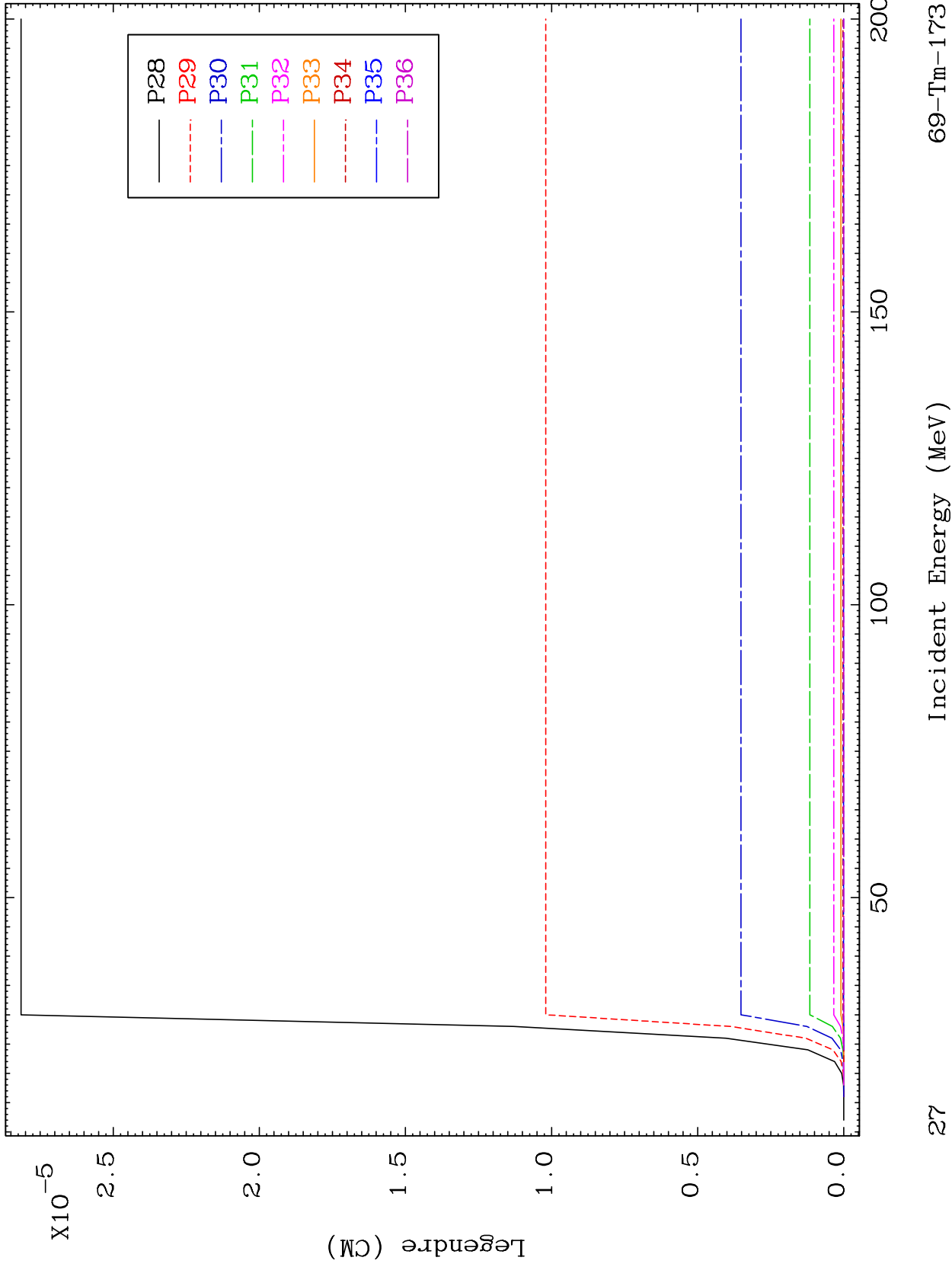


25

Incident Energy (MeV)

69-Tm-173

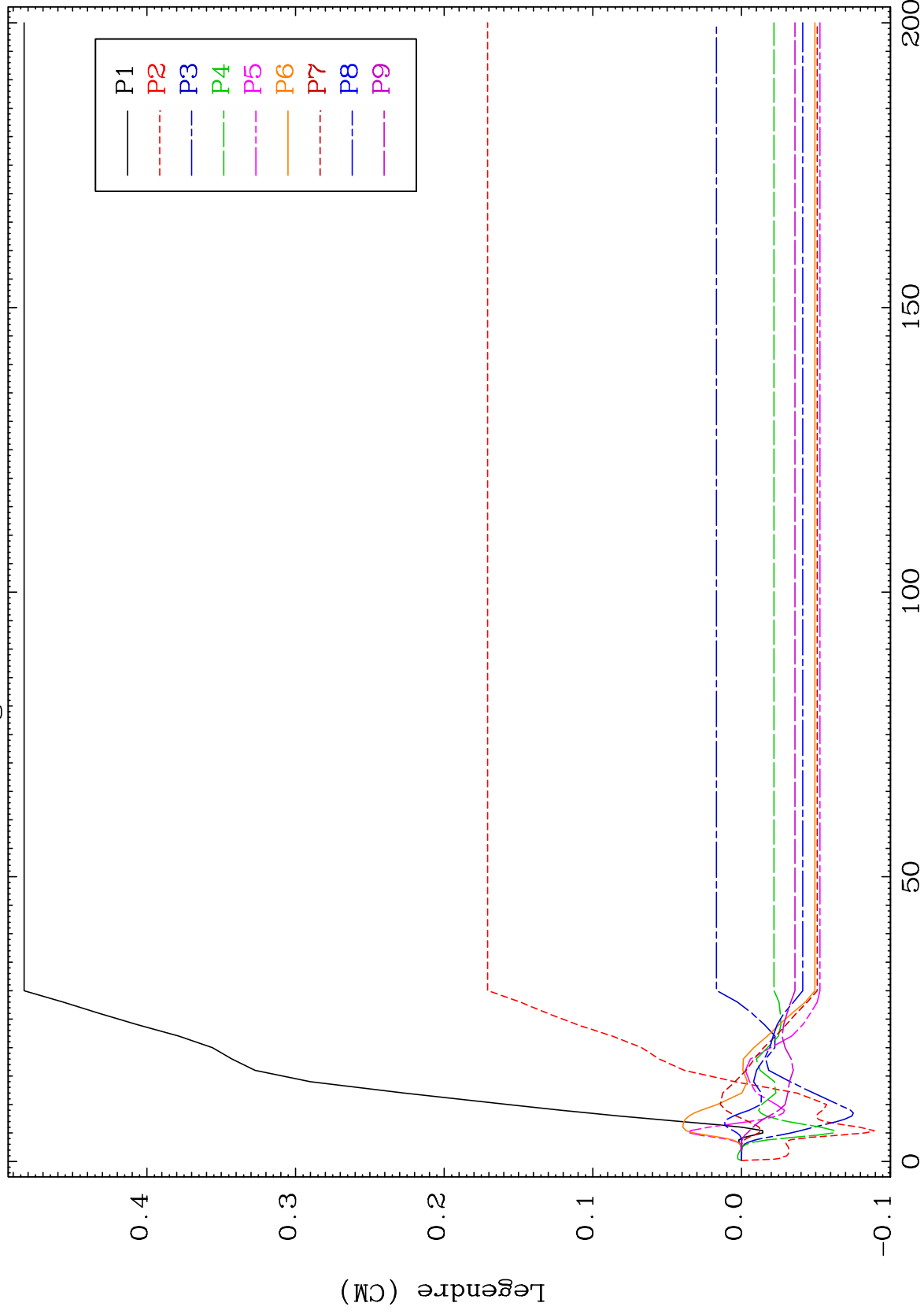




MAT 6937

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

69-Tm-173



28

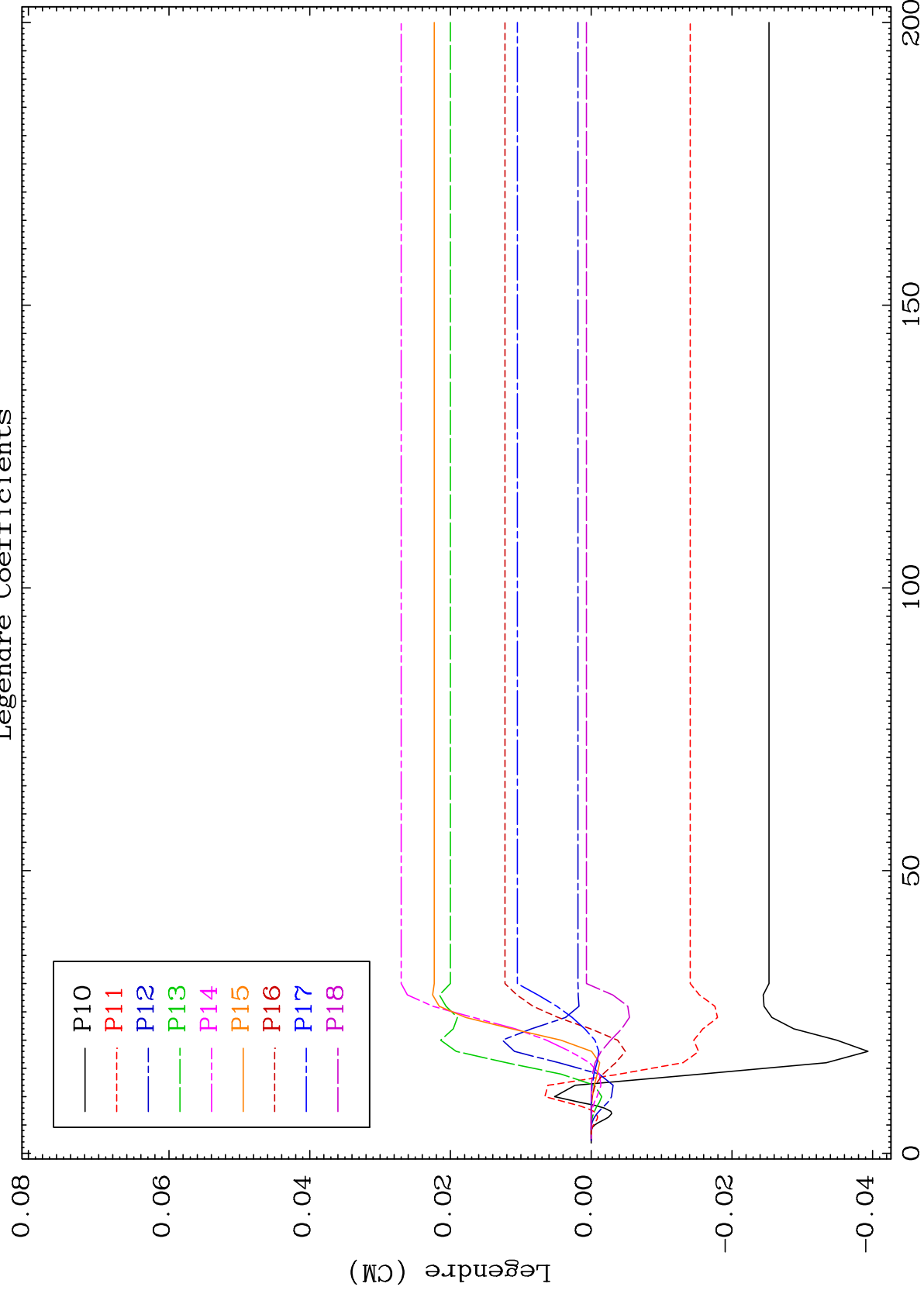
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



29

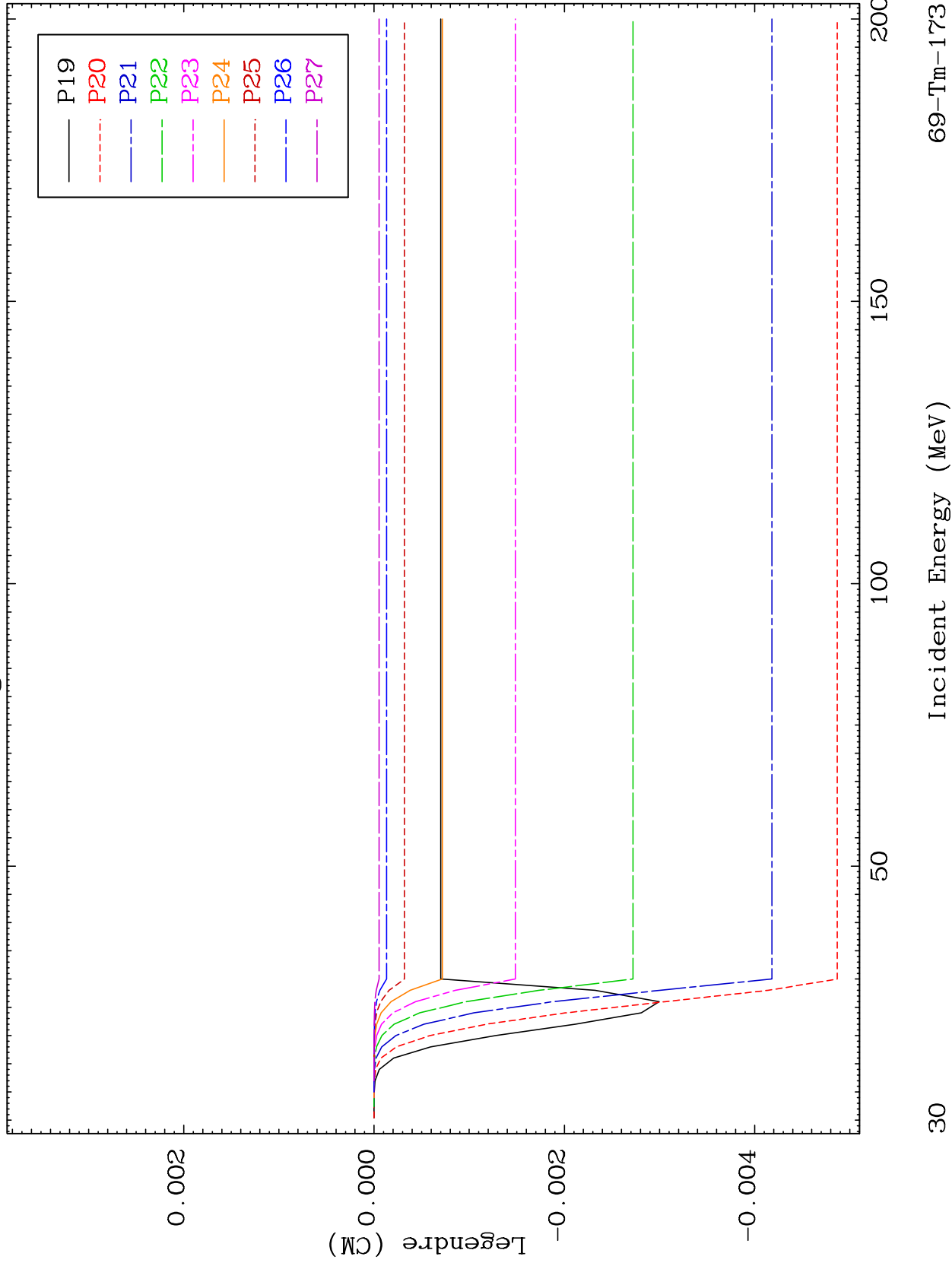
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

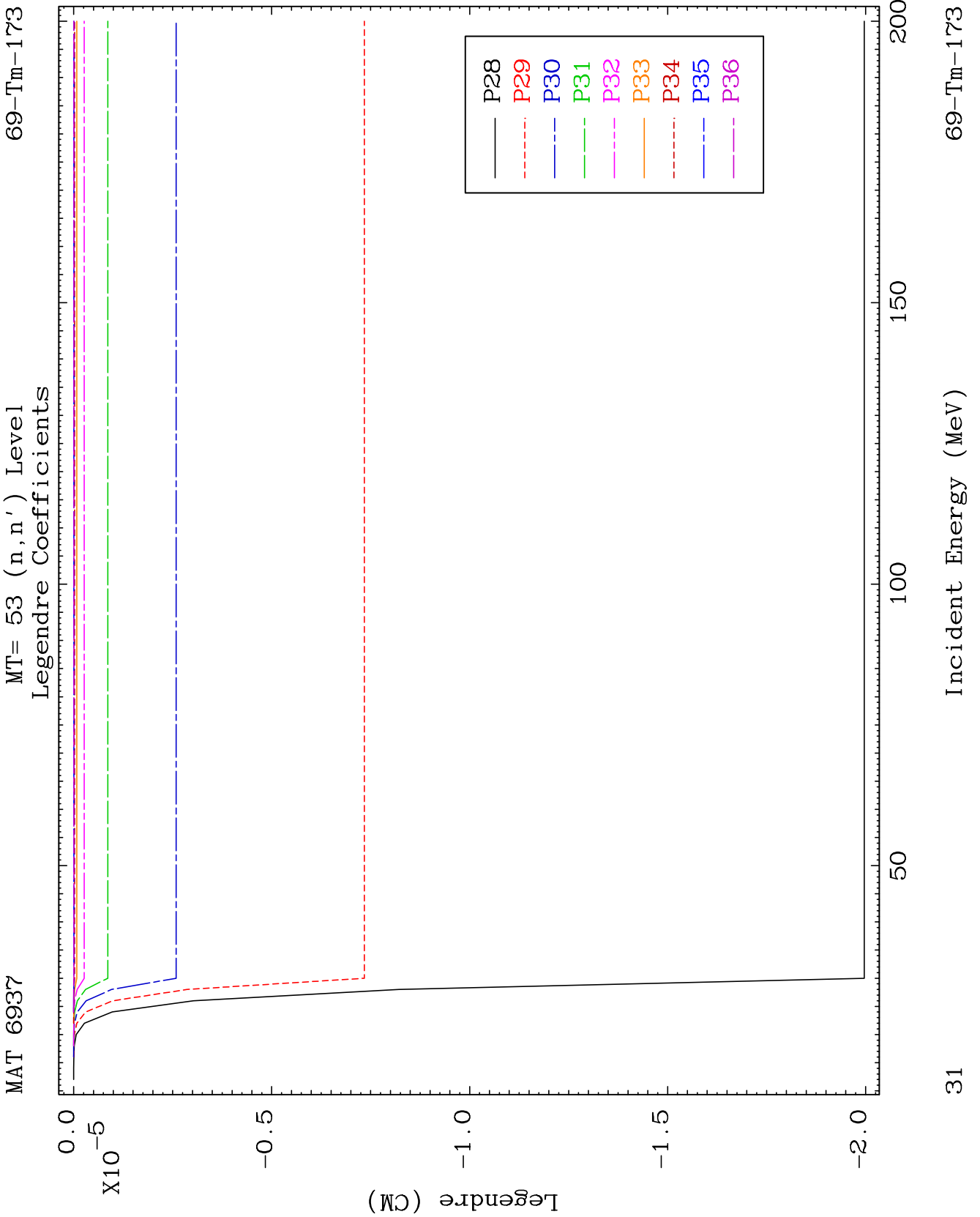
69-Tm-173



30

Incident Energy (MeV)

69-Tm-173

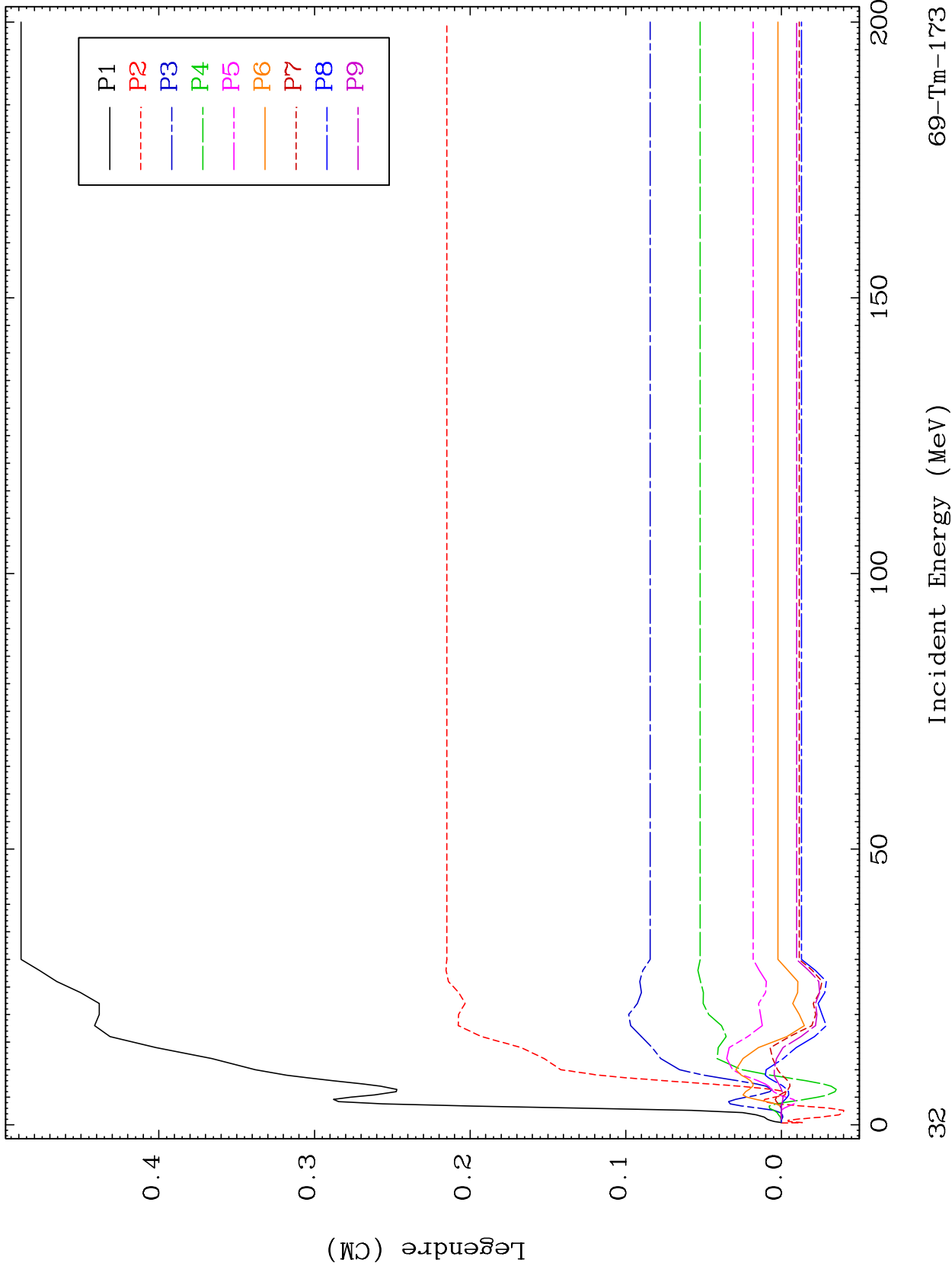




MAT 6937

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

69-Tm-173



69-Tm-173

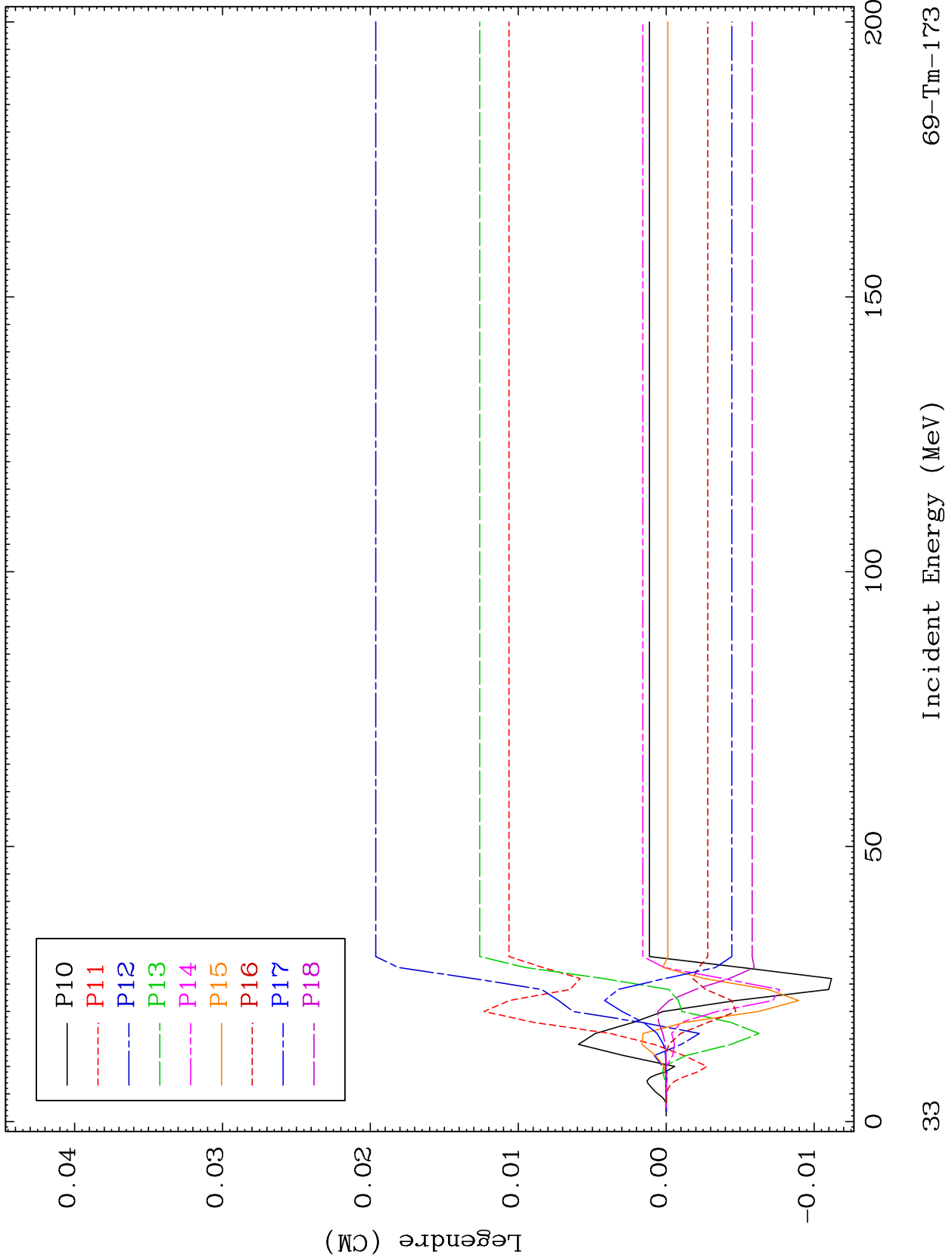
Incident Energy (MeV)

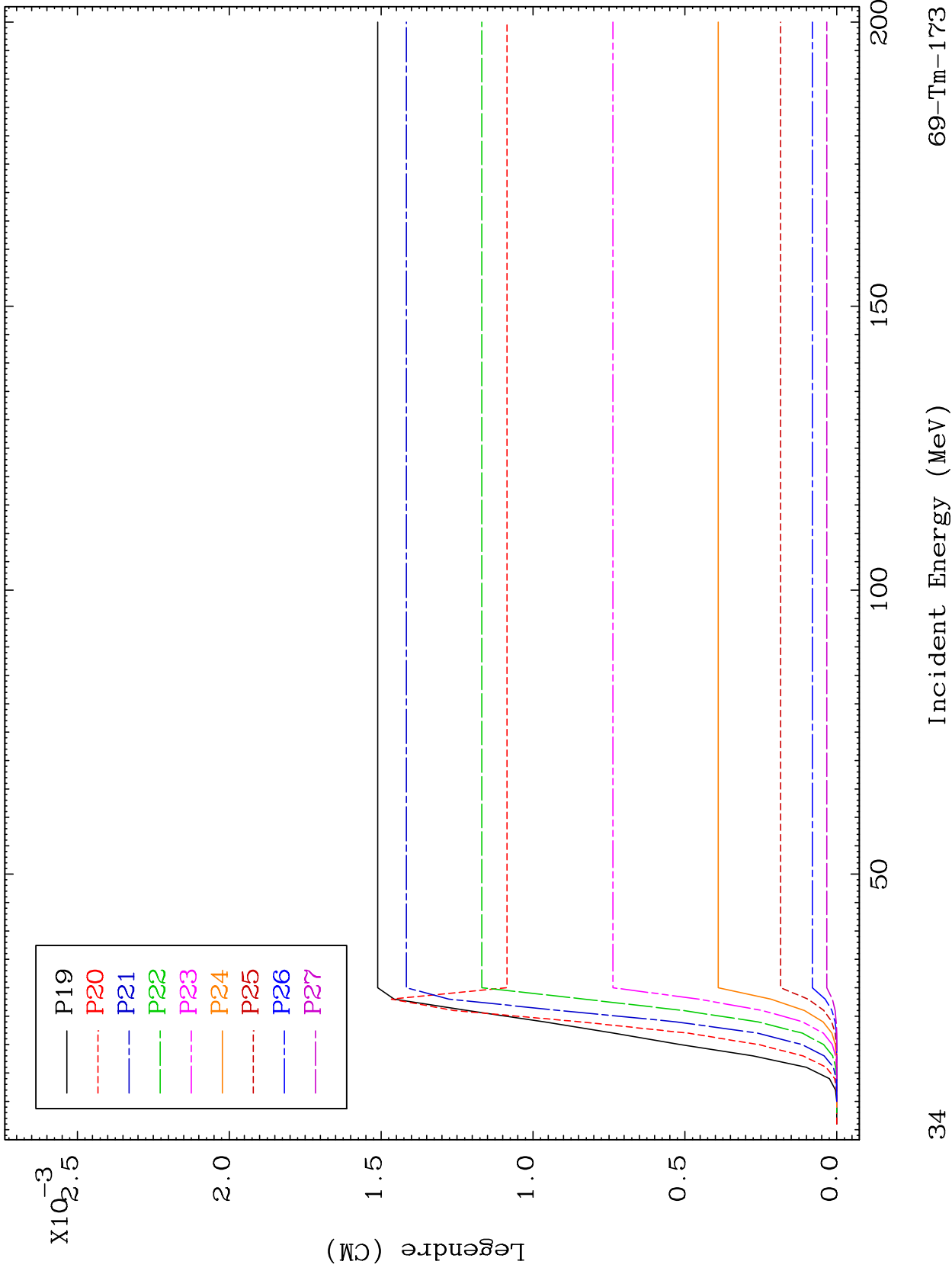
32

MAT 6937

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

69-Tm-173

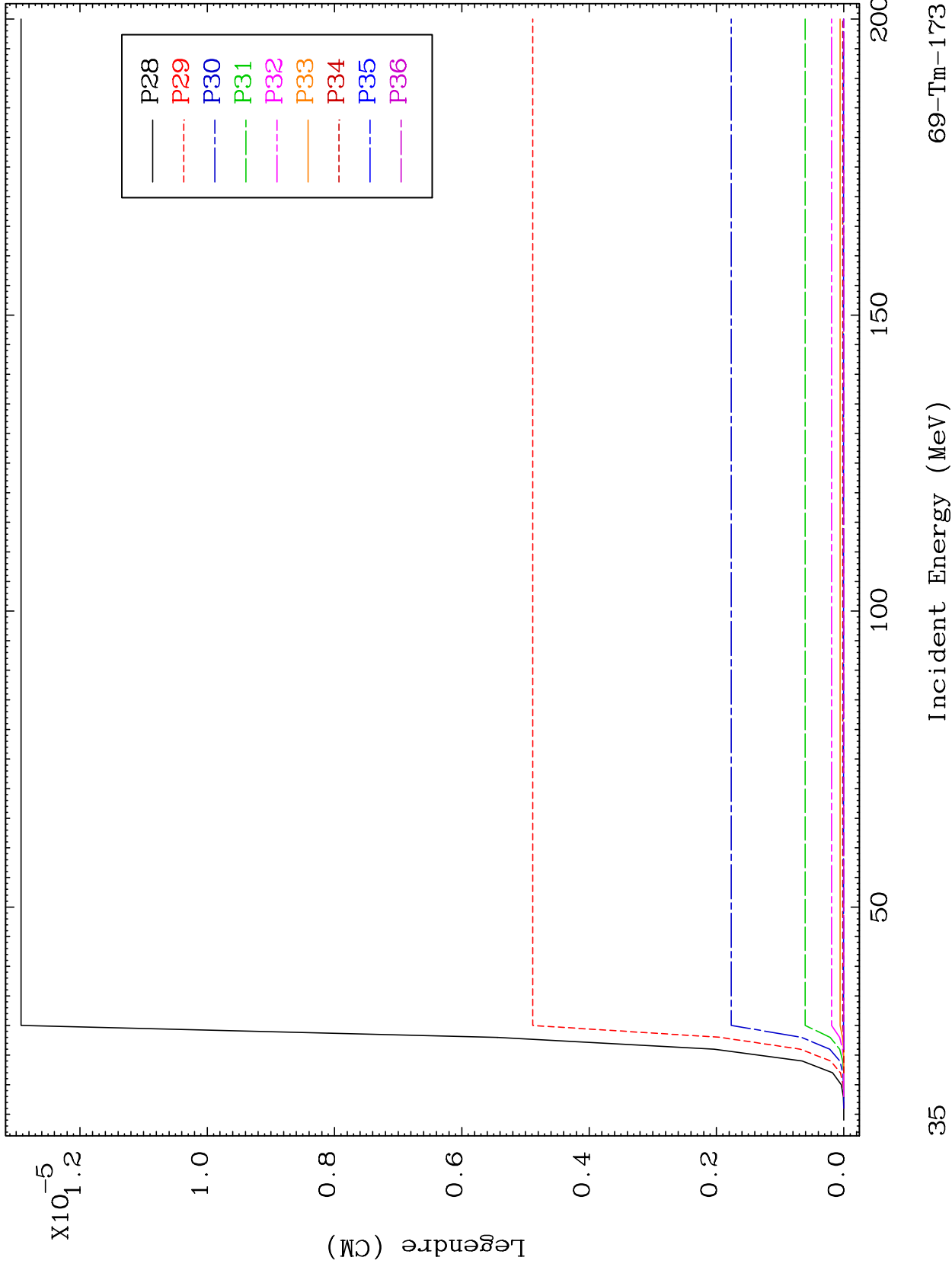




MAT 6937

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

69-Tm-173



35

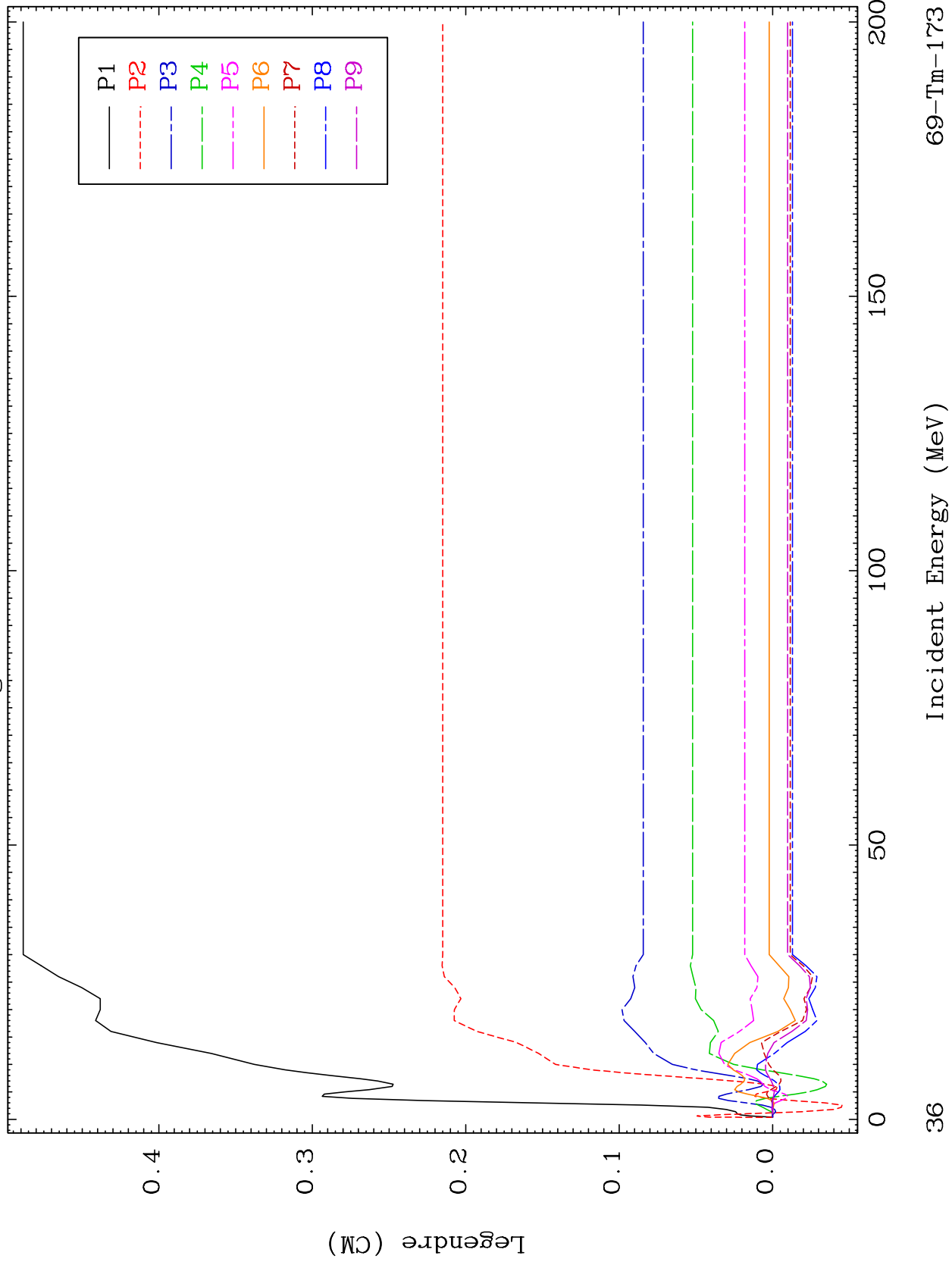
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

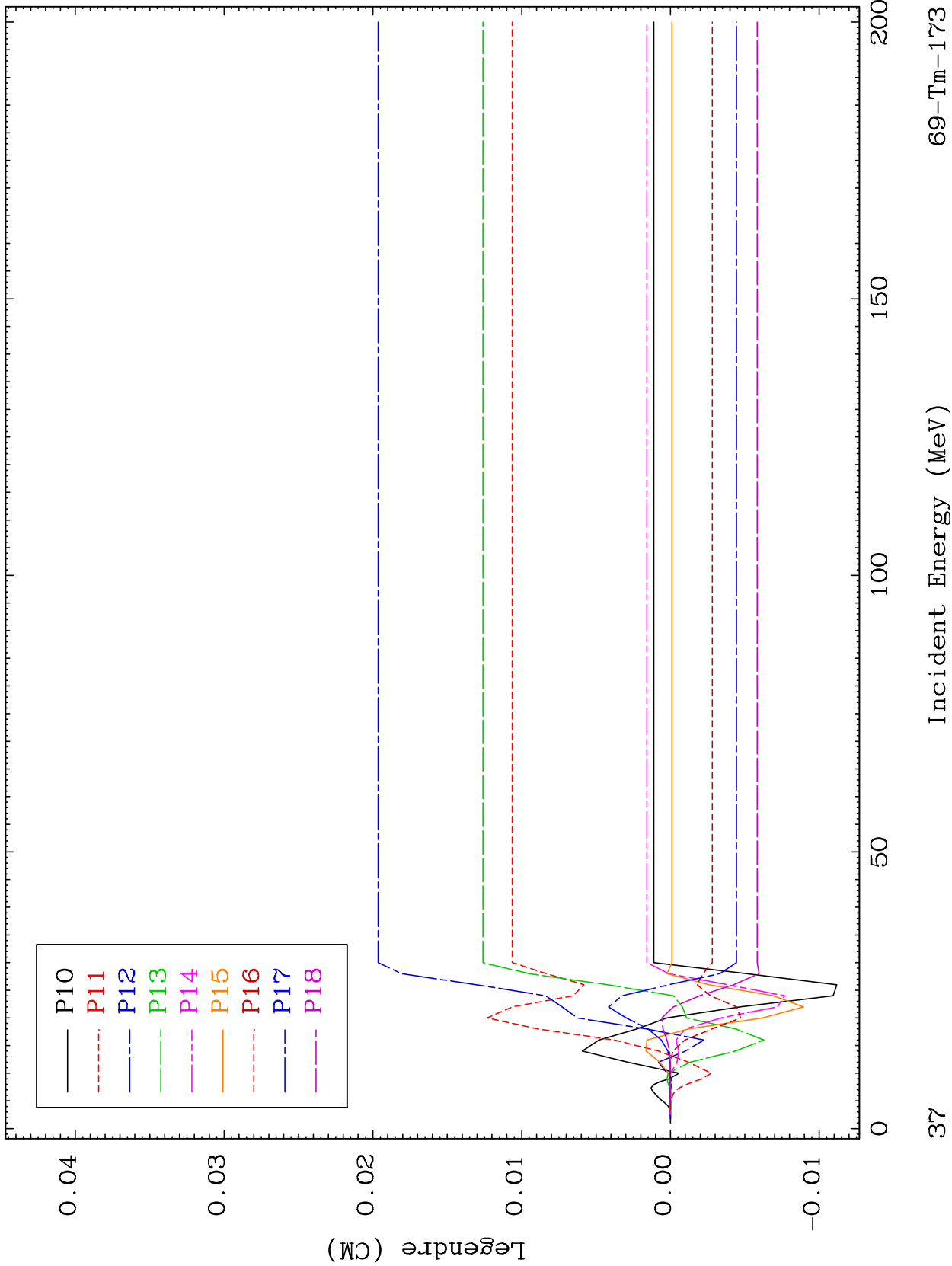
69-Tm-173

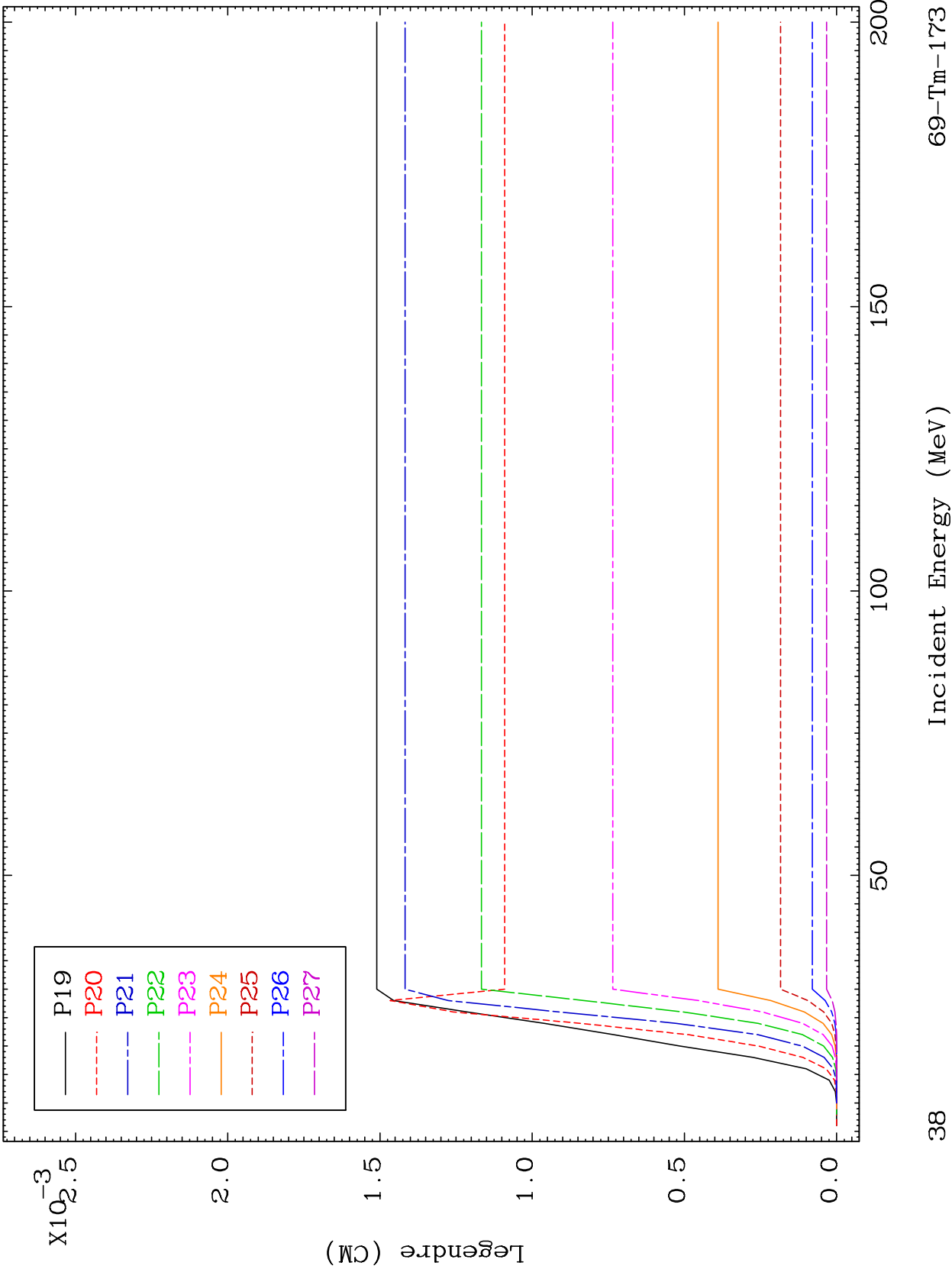


36

Incident Energy (MeV)

69-Tm-173

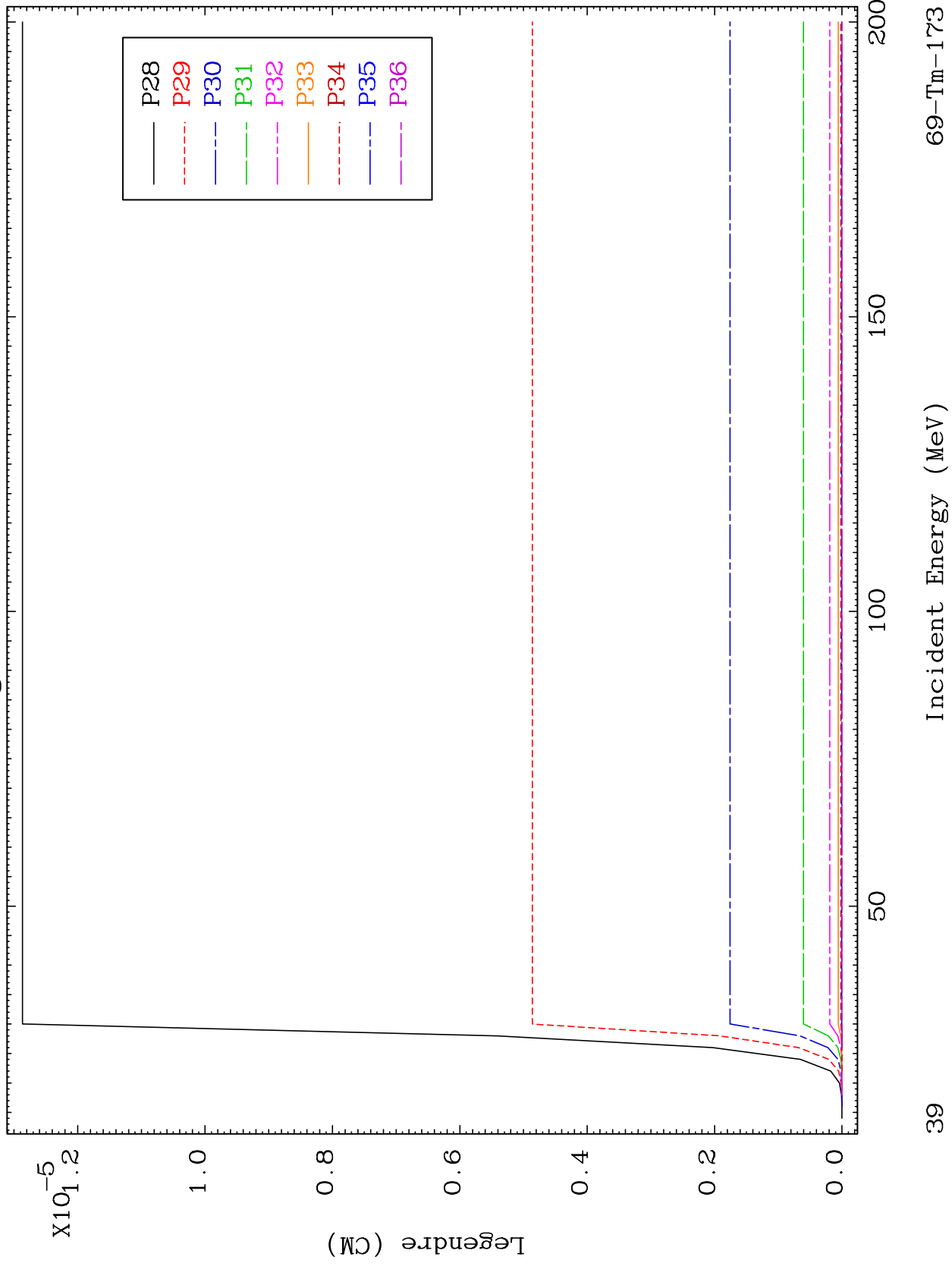




MAT 6937

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

69-Tm-173



39

Incident Energy (MeV)

69-Tm-173

200

150

100

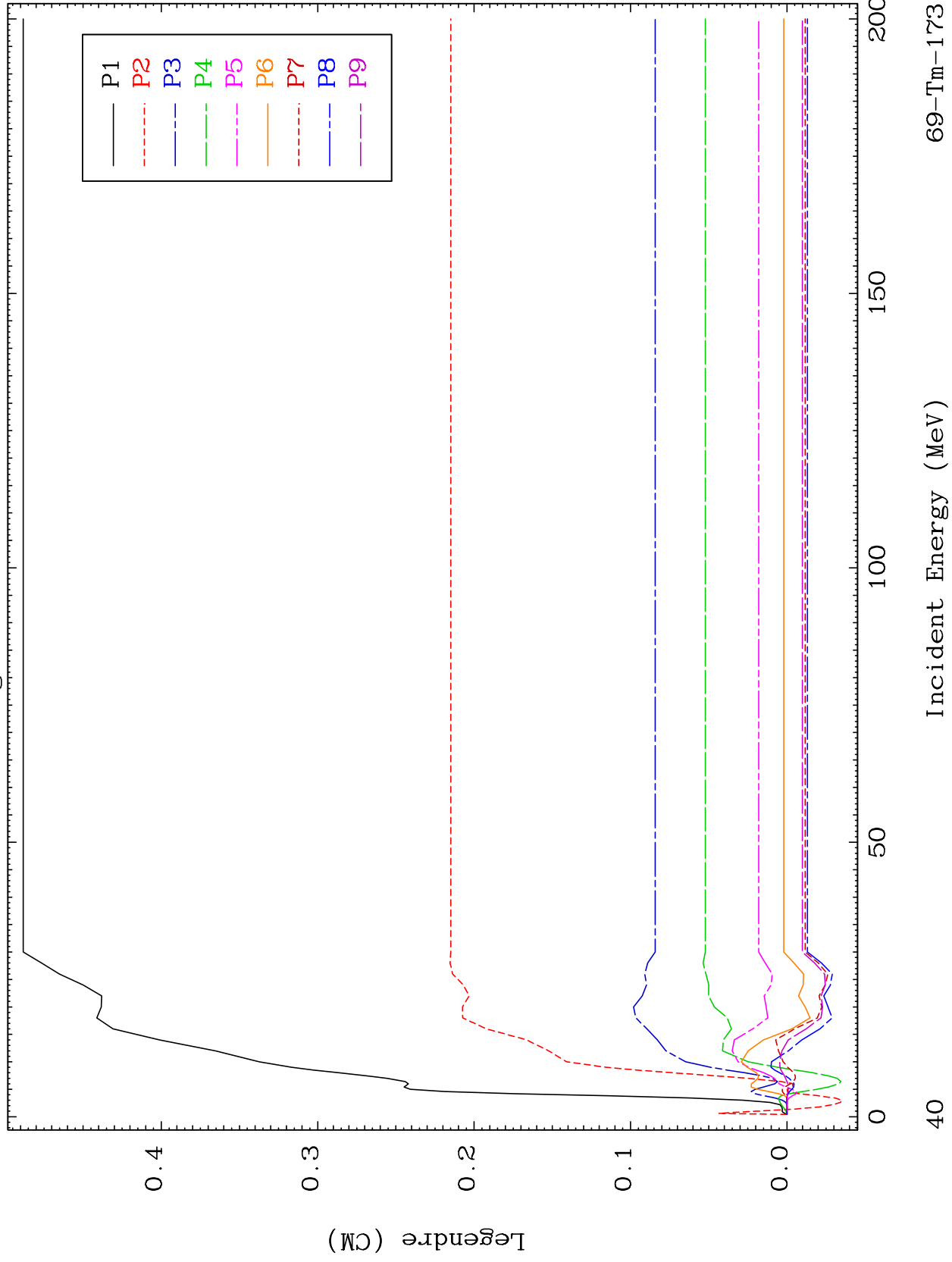
50



MAT 6937

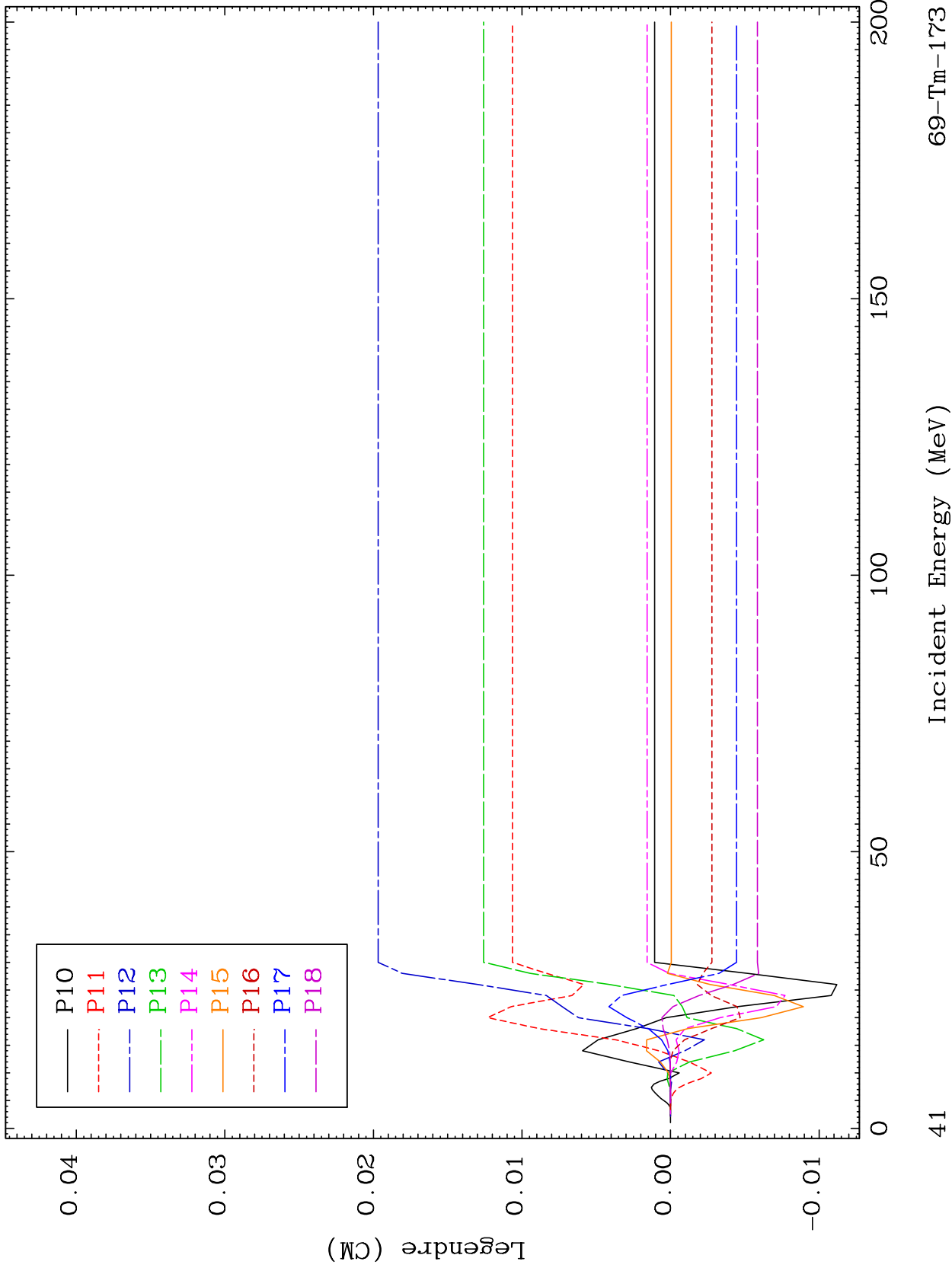
MT= 56 (n,n') Level  
Legendre Coefficients

69-Tm-173



69-Tm-173

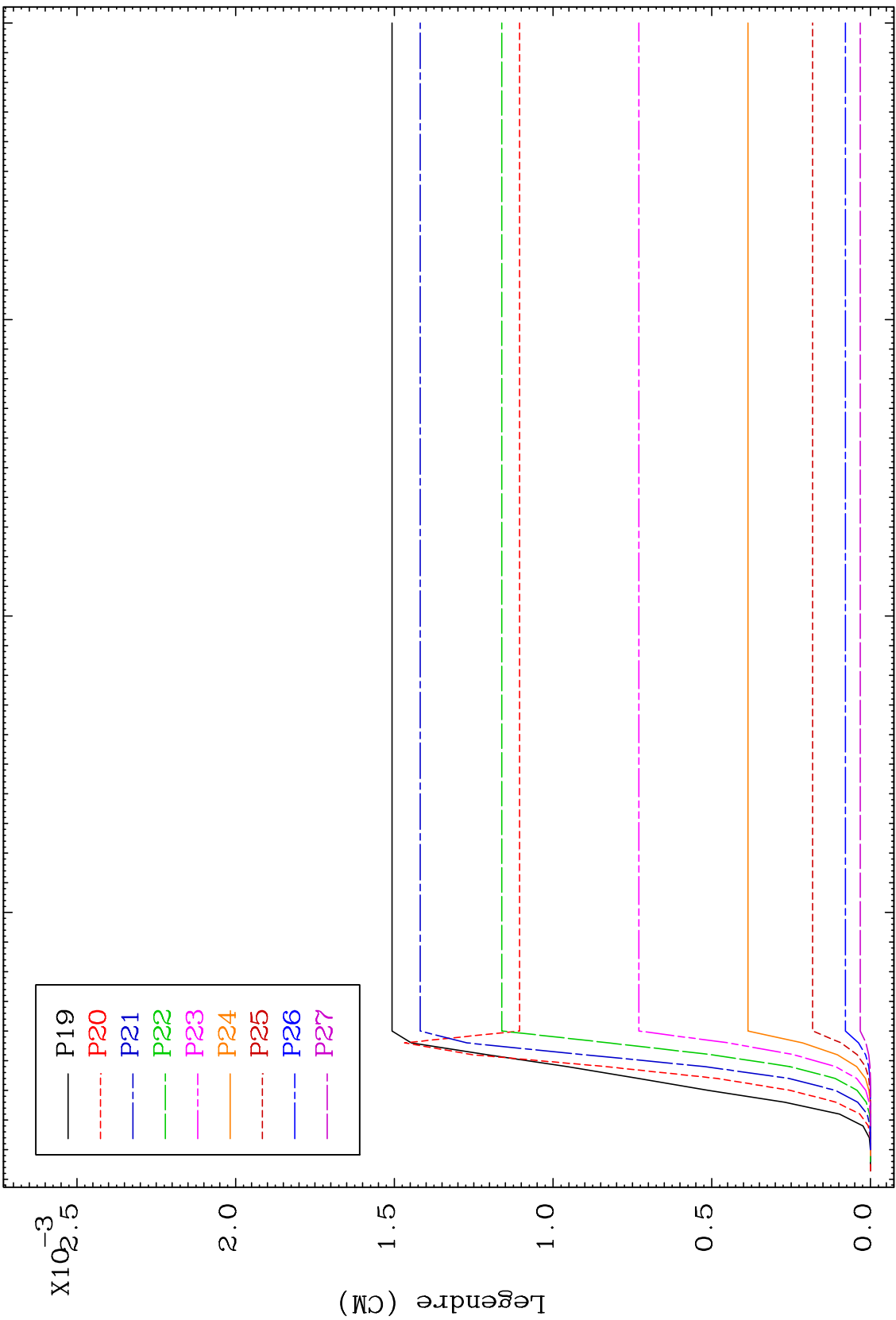
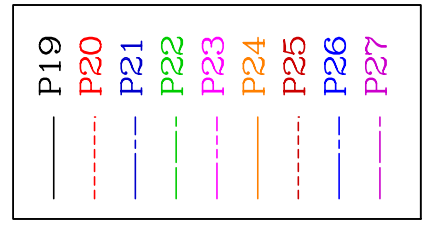
Incident Energy (MeV)



MAT 6937

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

69-Tm-173



42

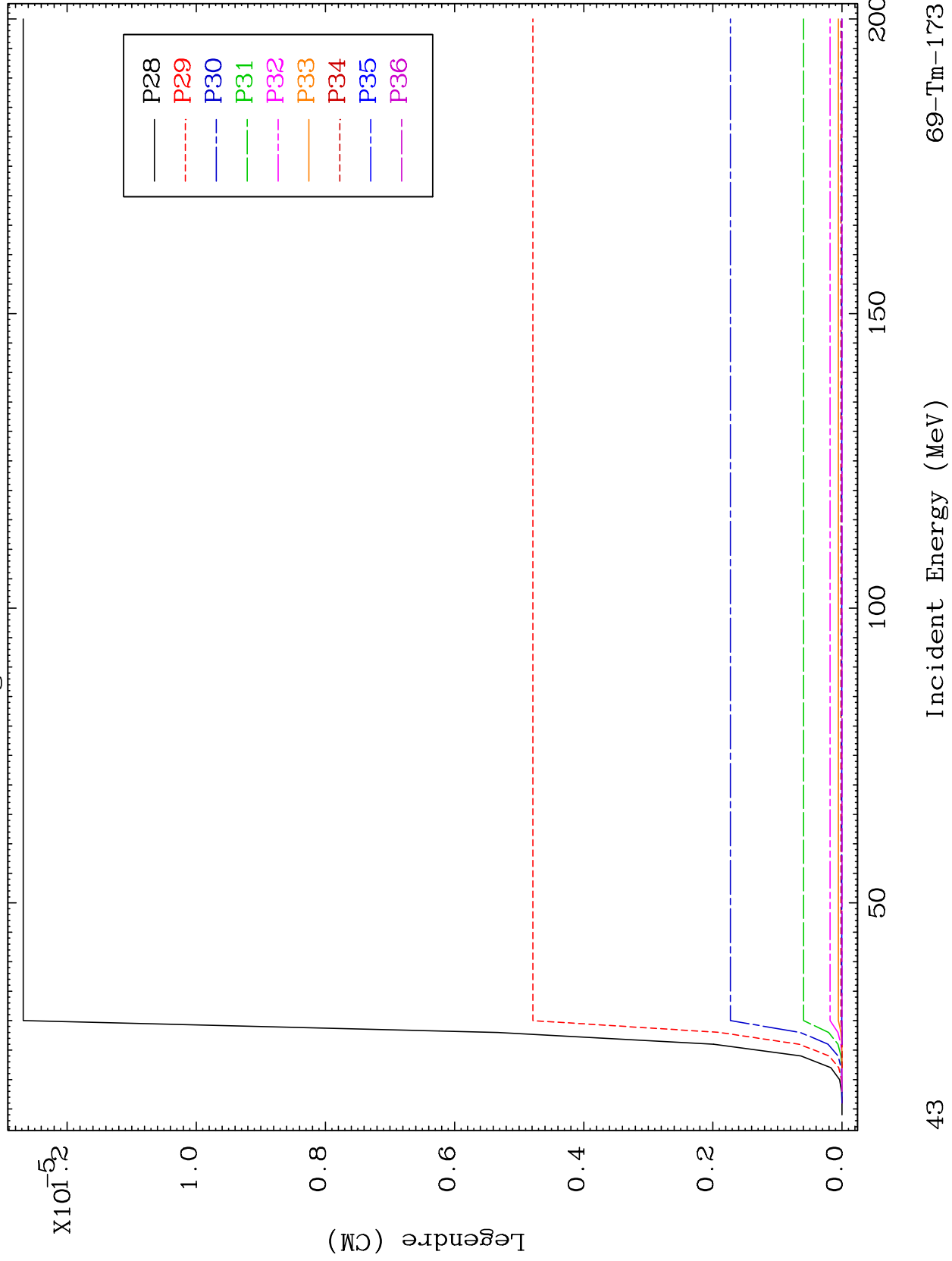
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



43

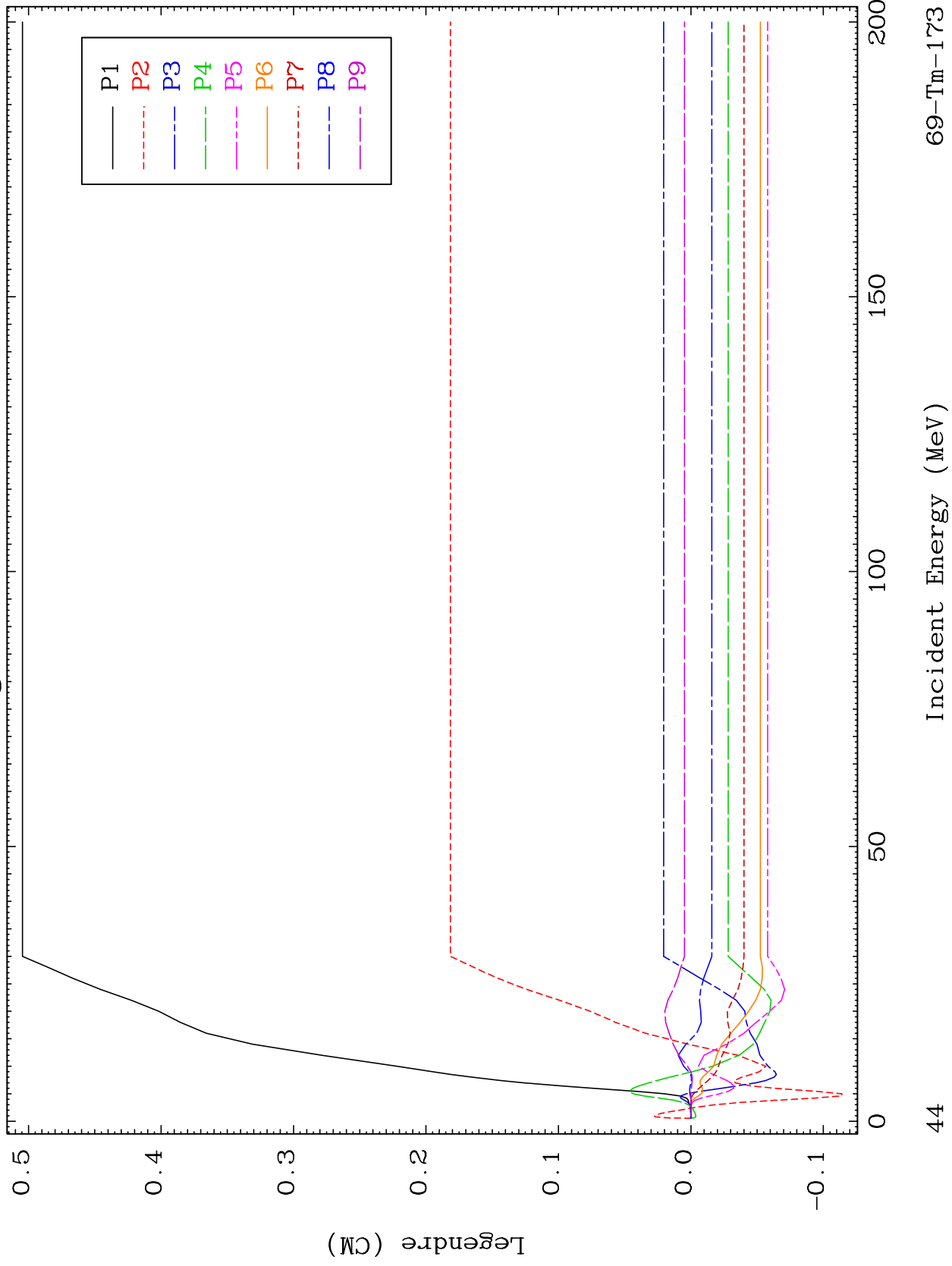
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



69-Tm-173

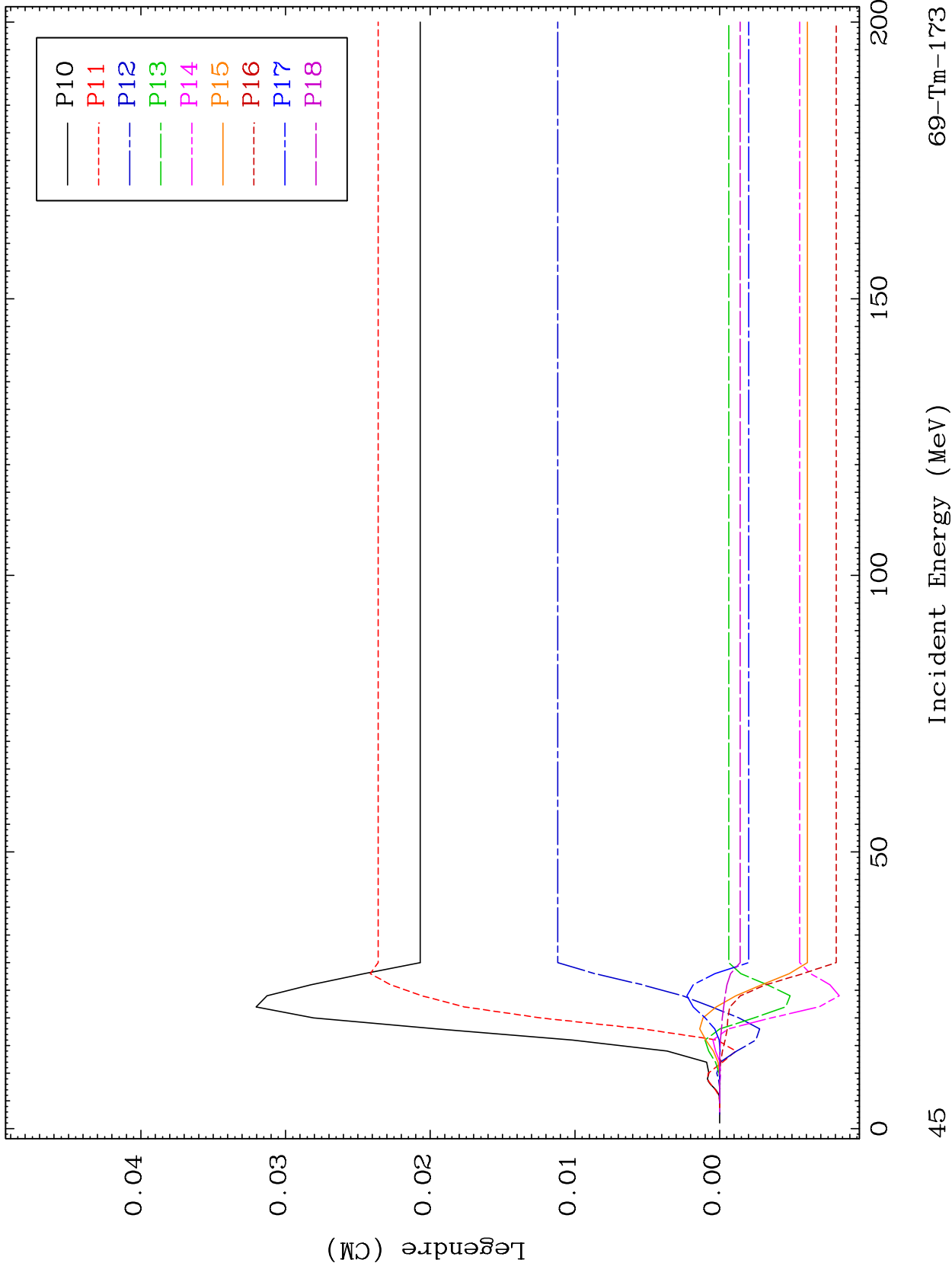
Incident Energy (MeV)

44

MAT 6937

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

69-Tm-173



69-Tm-173

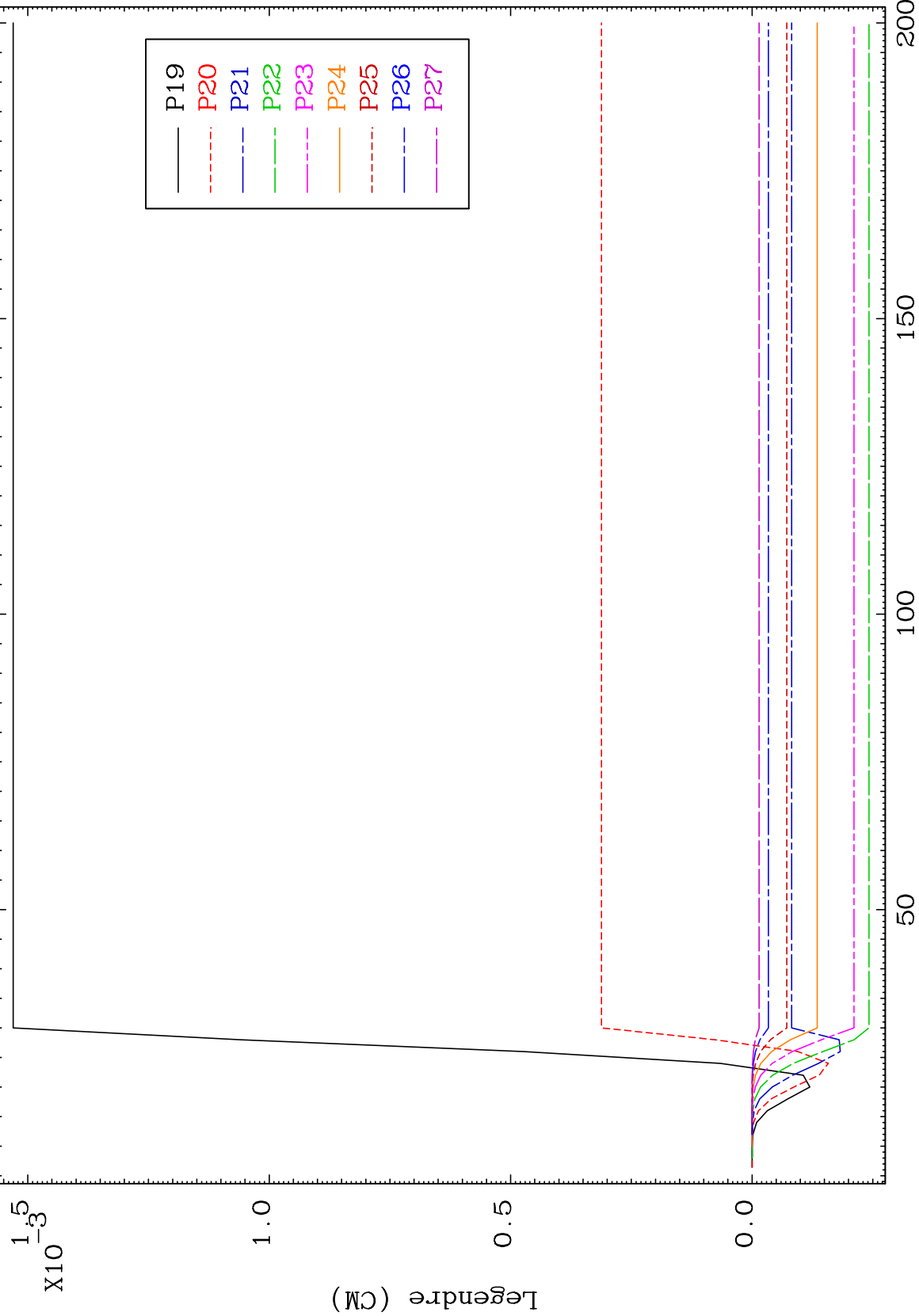
Incident Energy (MeV)

45

MAT 6937

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

69-Tm-173



46

Incident Energy (MeV)

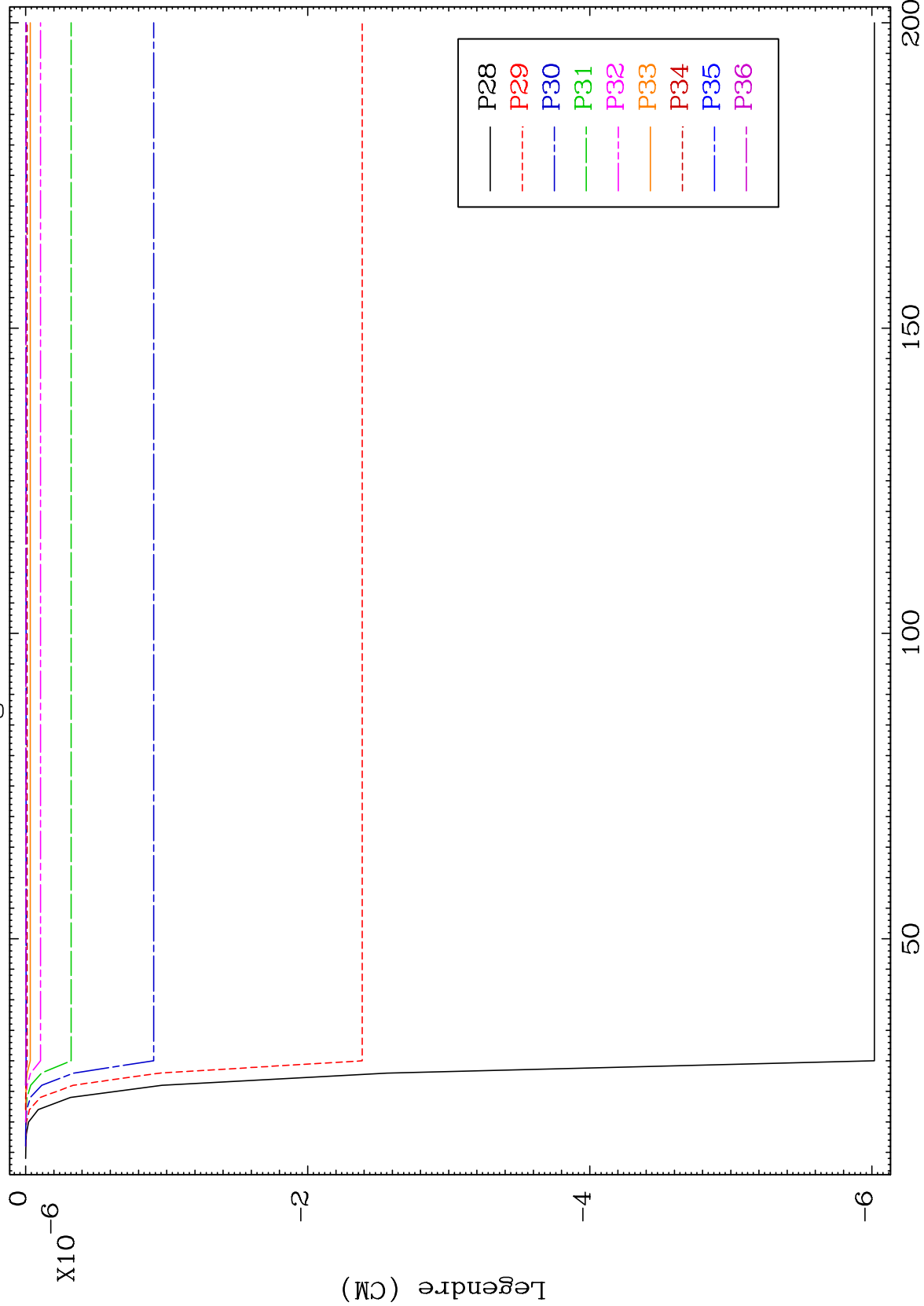
69-Tm-173

MAT 6937

MT= 57 (n,n') Level

69-Tm-173

Legendre Coefficients



69-Tm-173

Incident Energy (MeV)

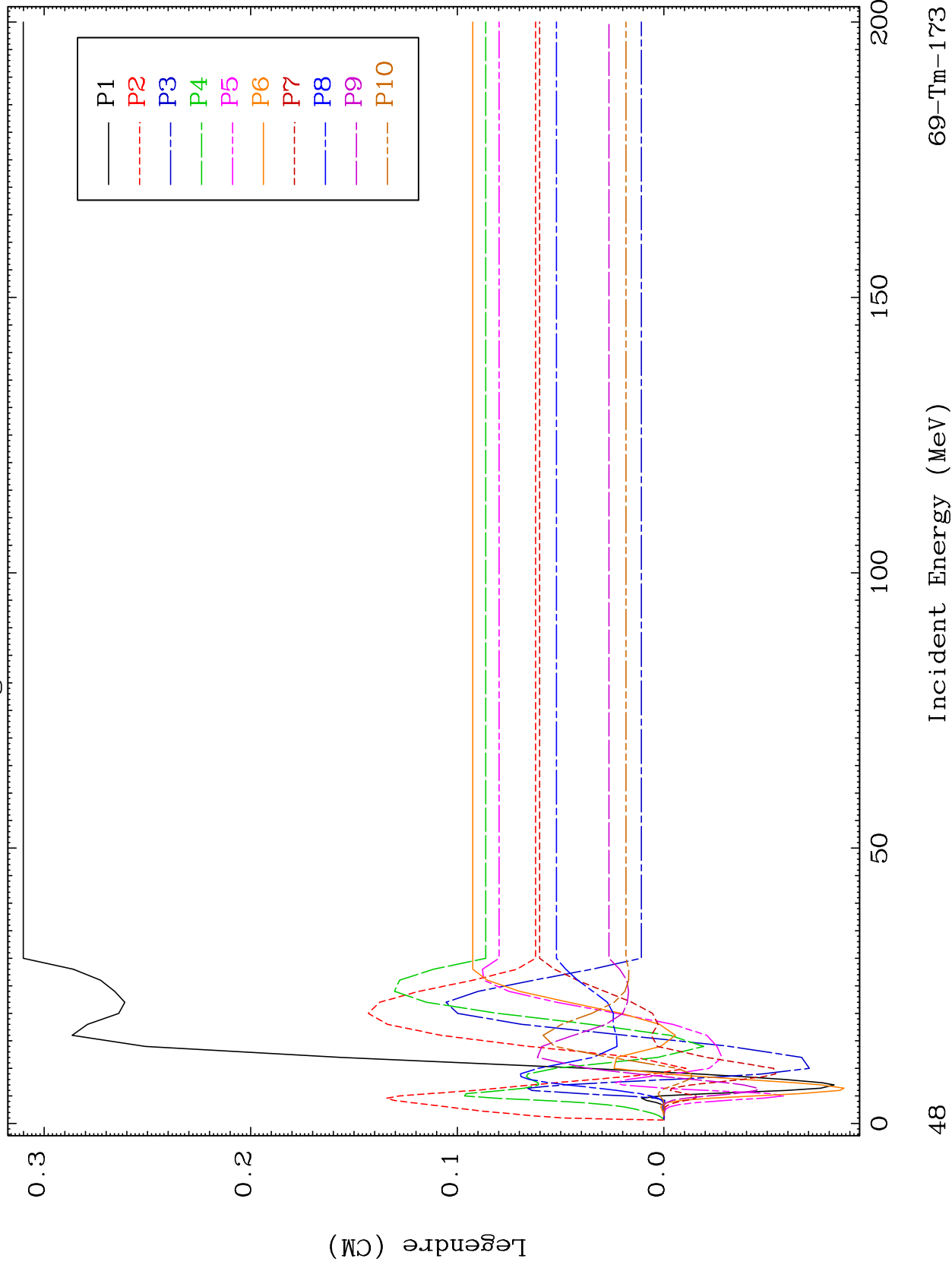
47



MAT 6937

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

69-Tm-173



69-Tm-173

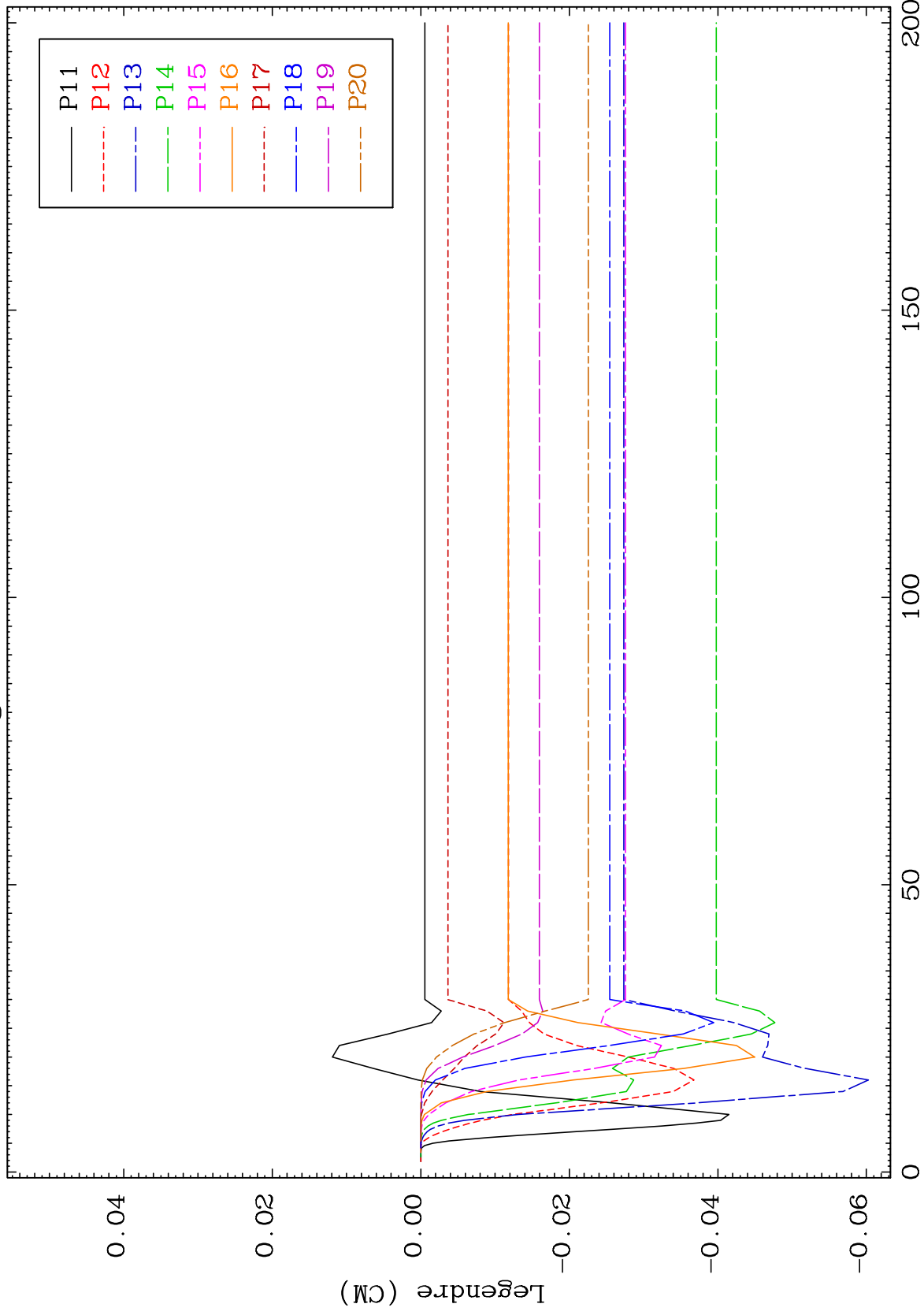
Incident Energy (MeV)

48

MAT 6937

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

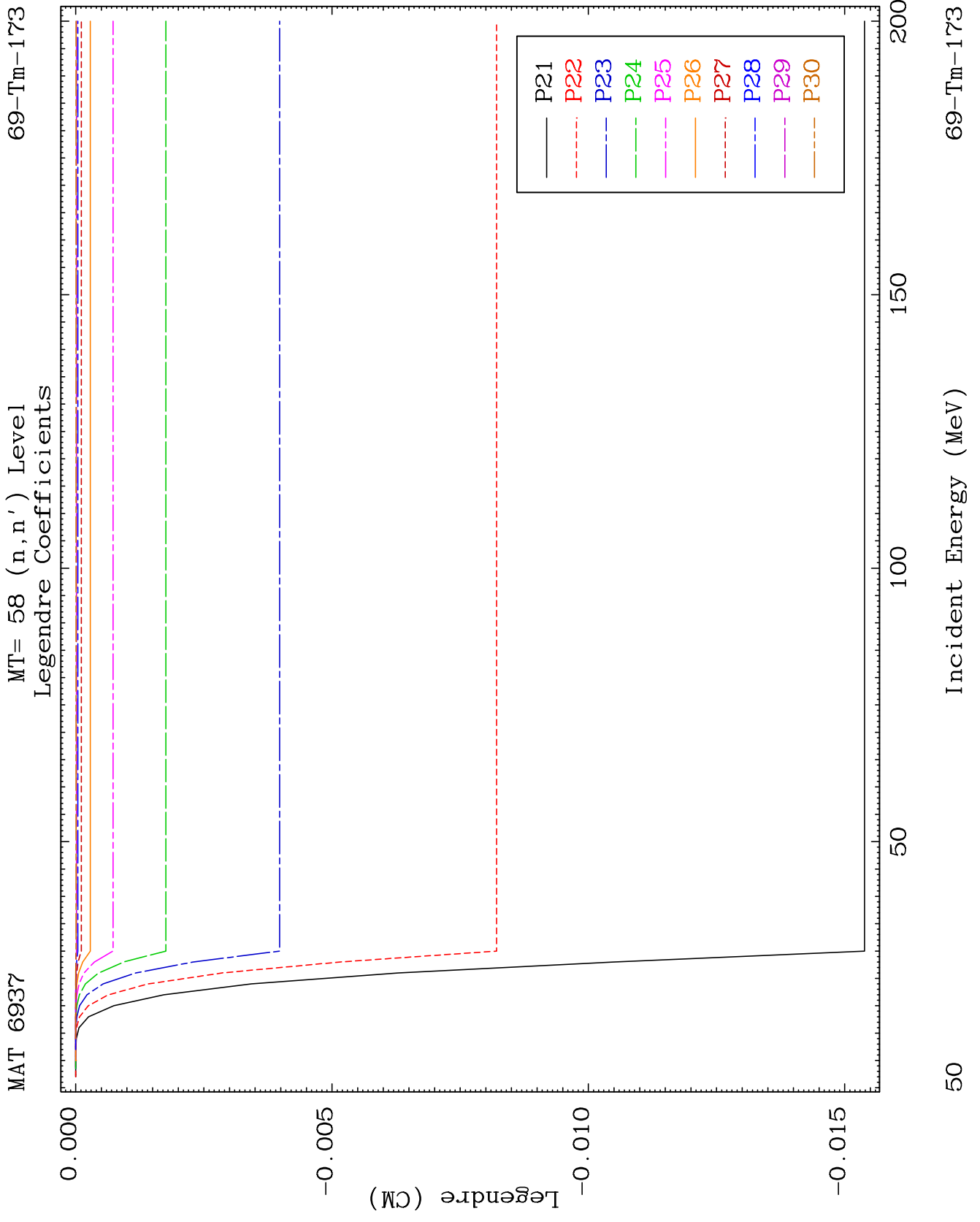
69-Tm-173

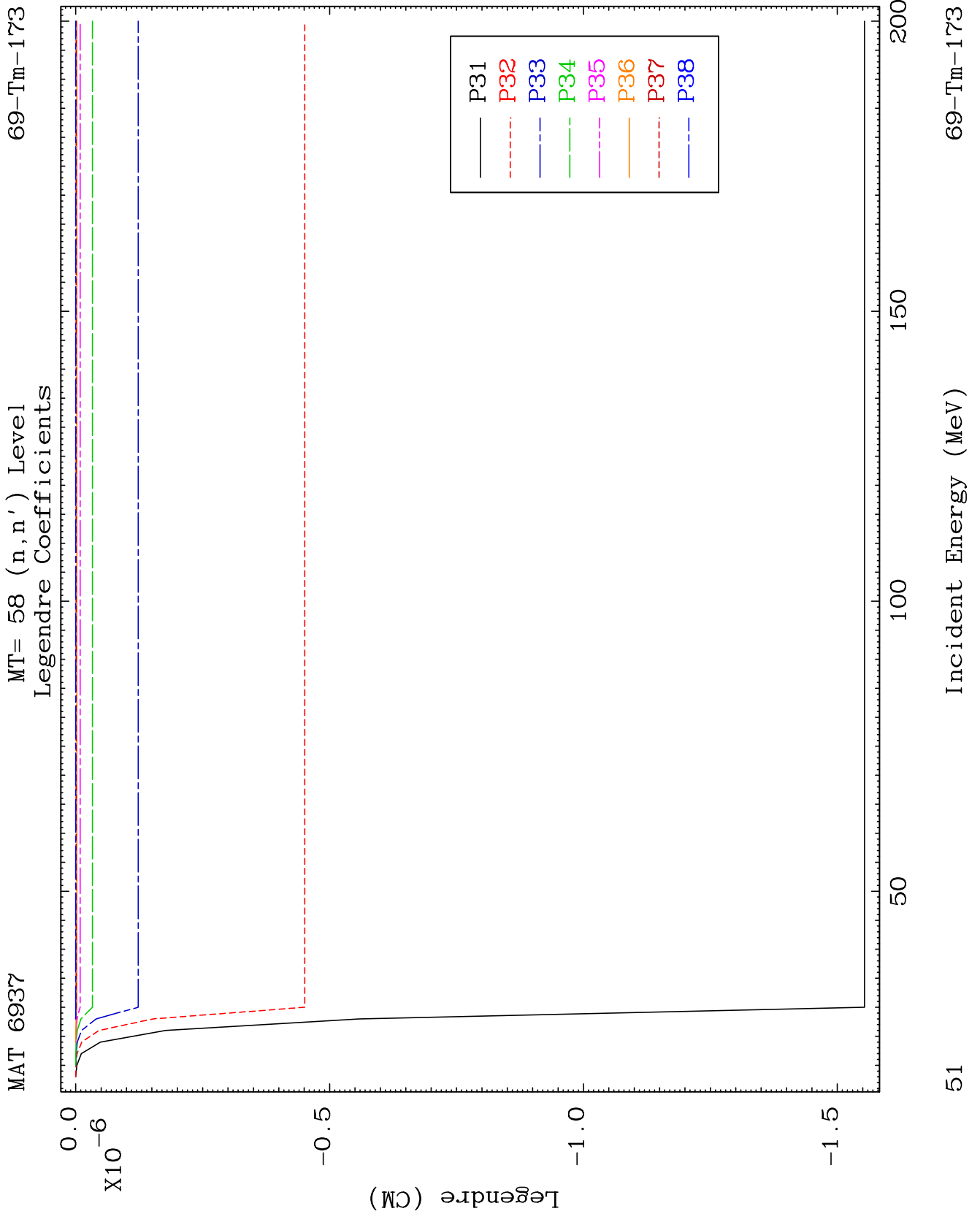


49

Incident Energy (MeV)

69-Tm-173

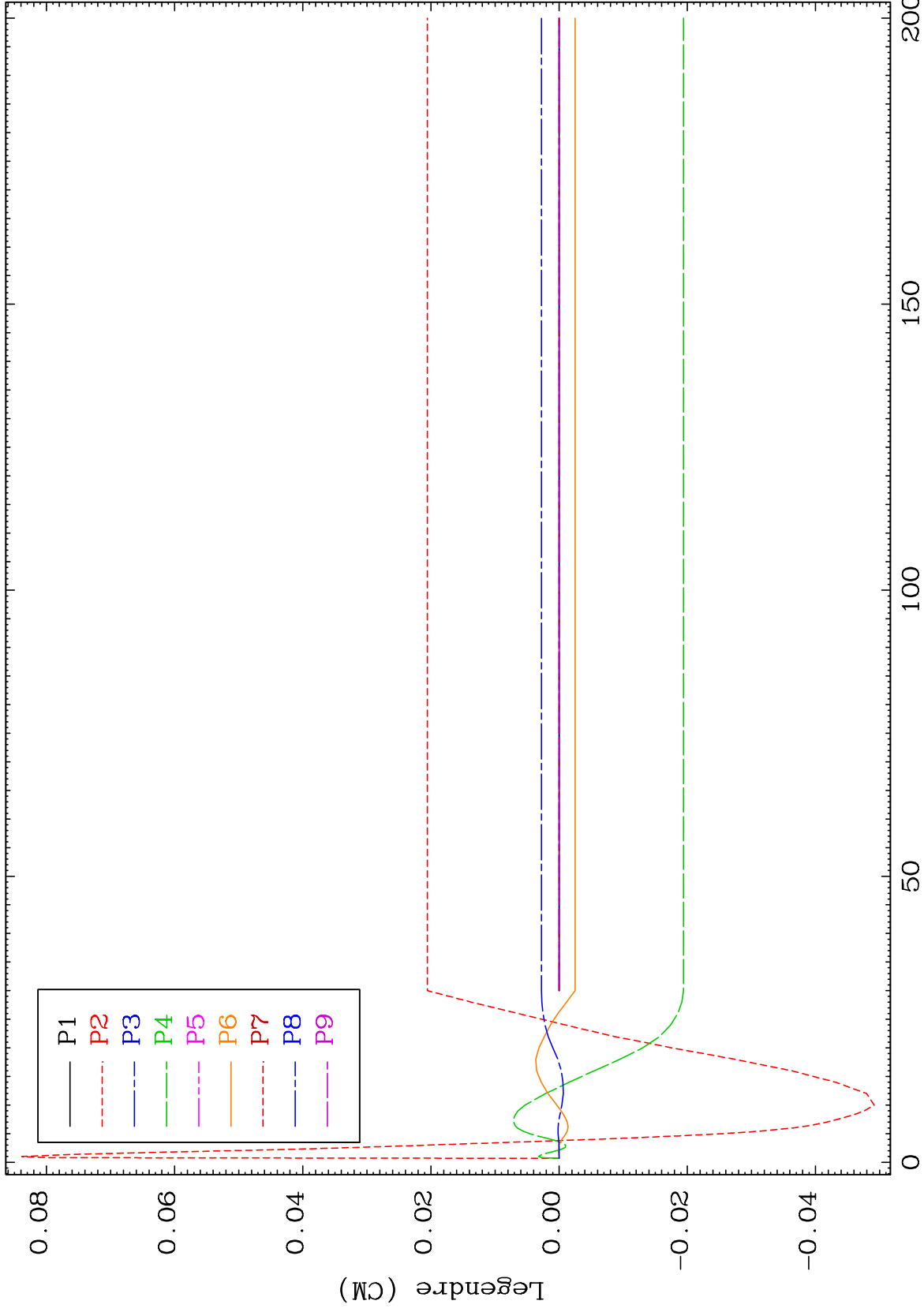




MAT 6937

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

69-Tm-173



52

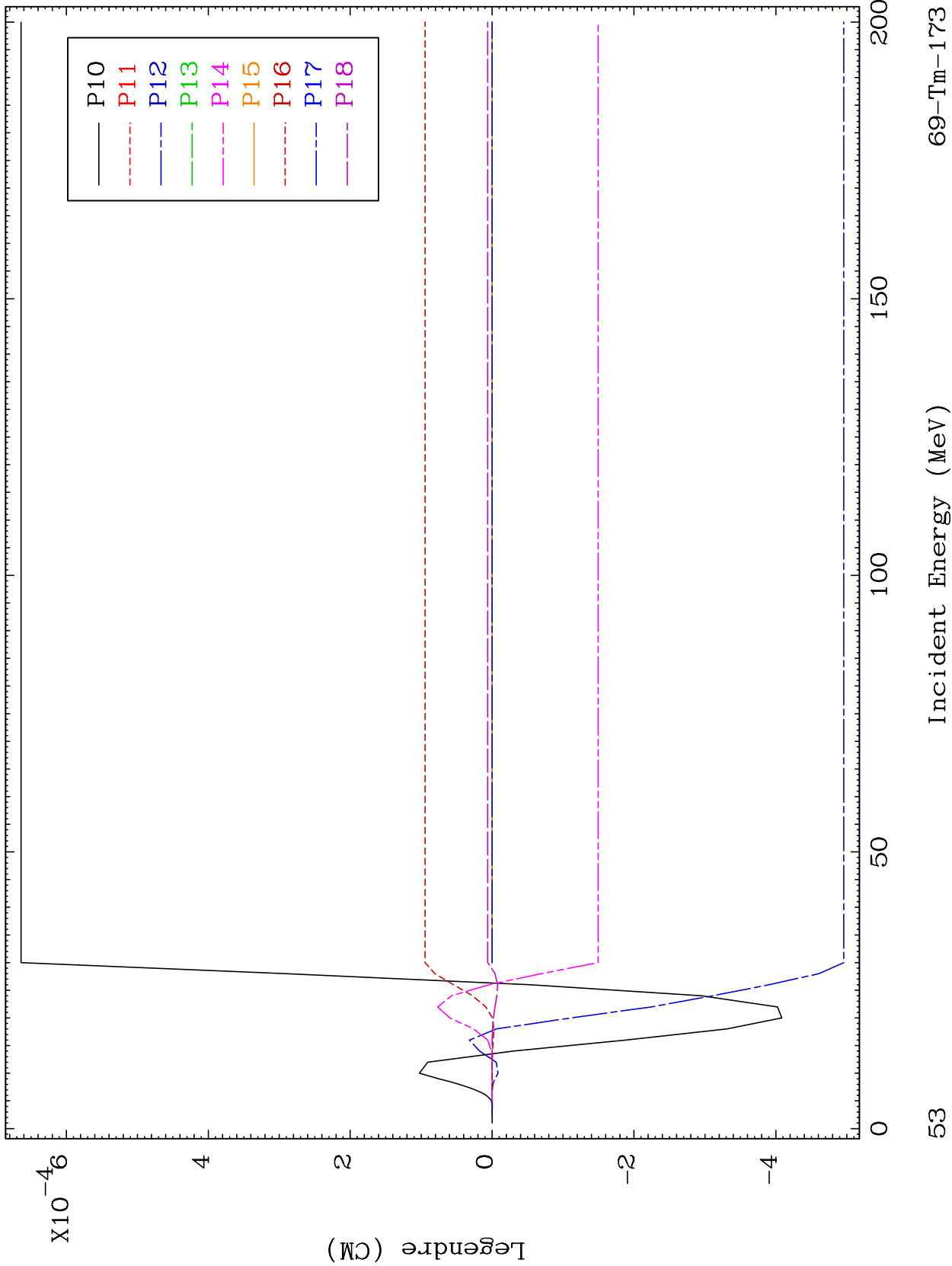
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



69-Tm-173

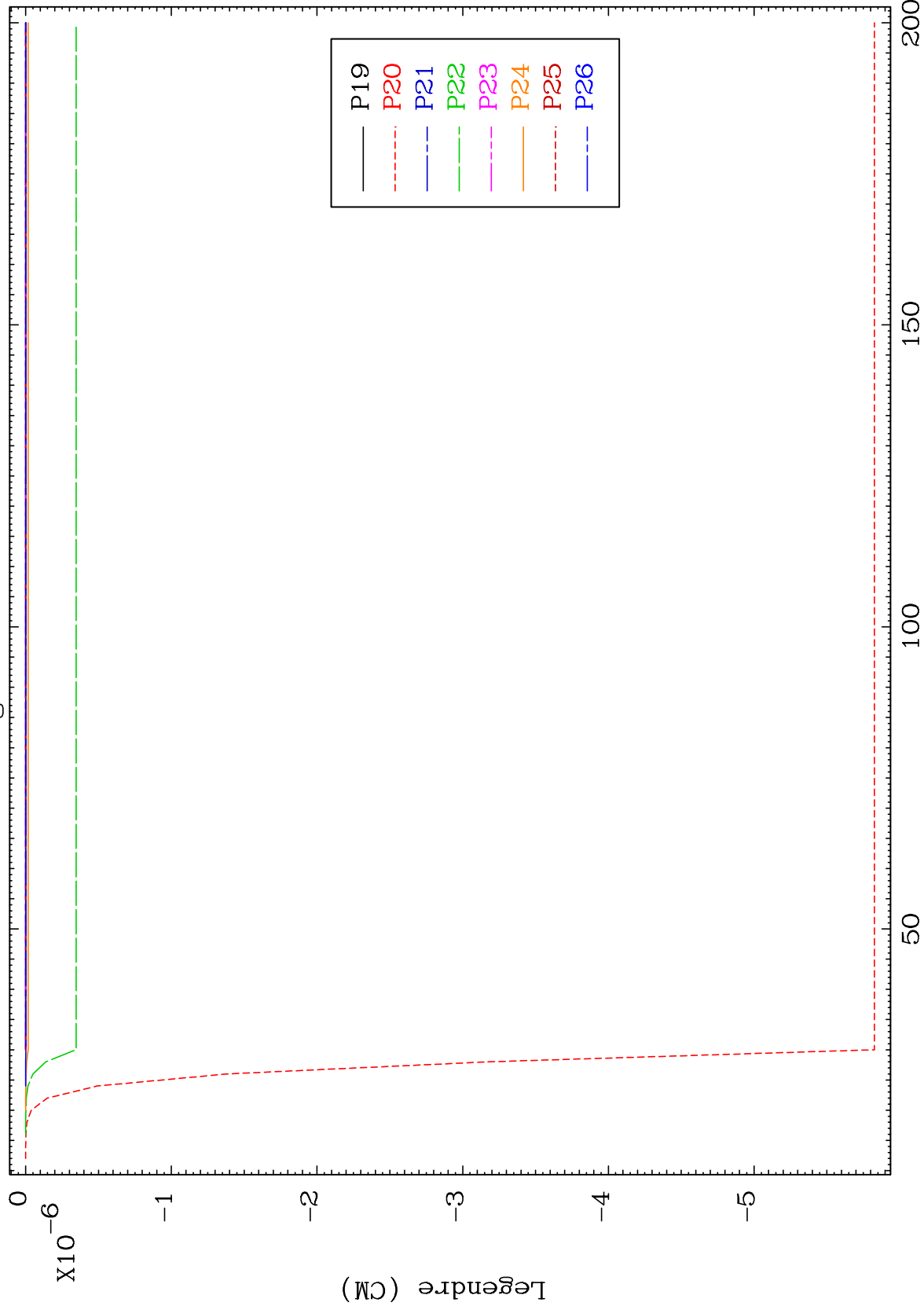
Incident Energy (MeV)

53

MAT 6937

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

69-Tm-173



54

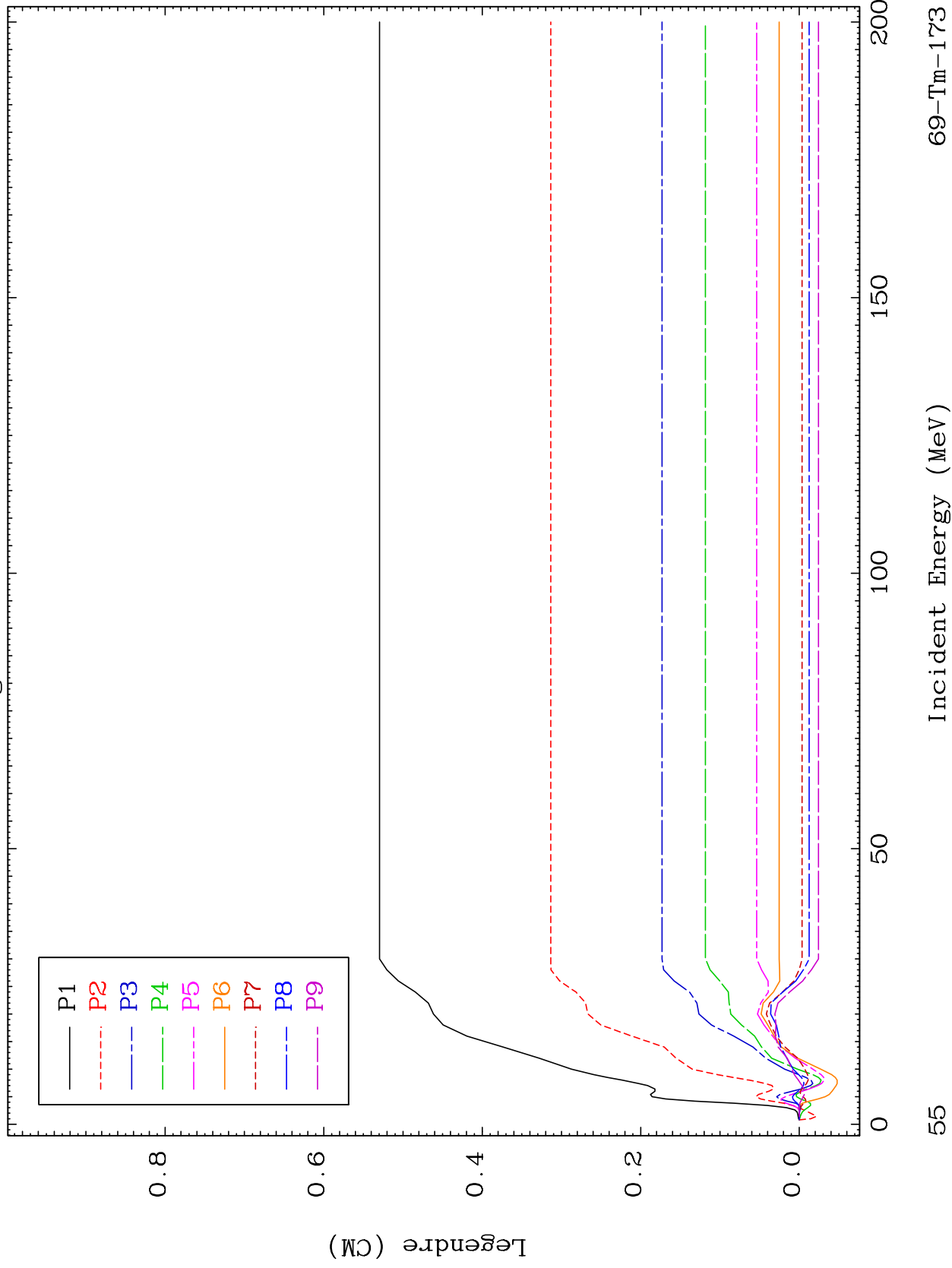
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



55

Incident Energy (MeV)

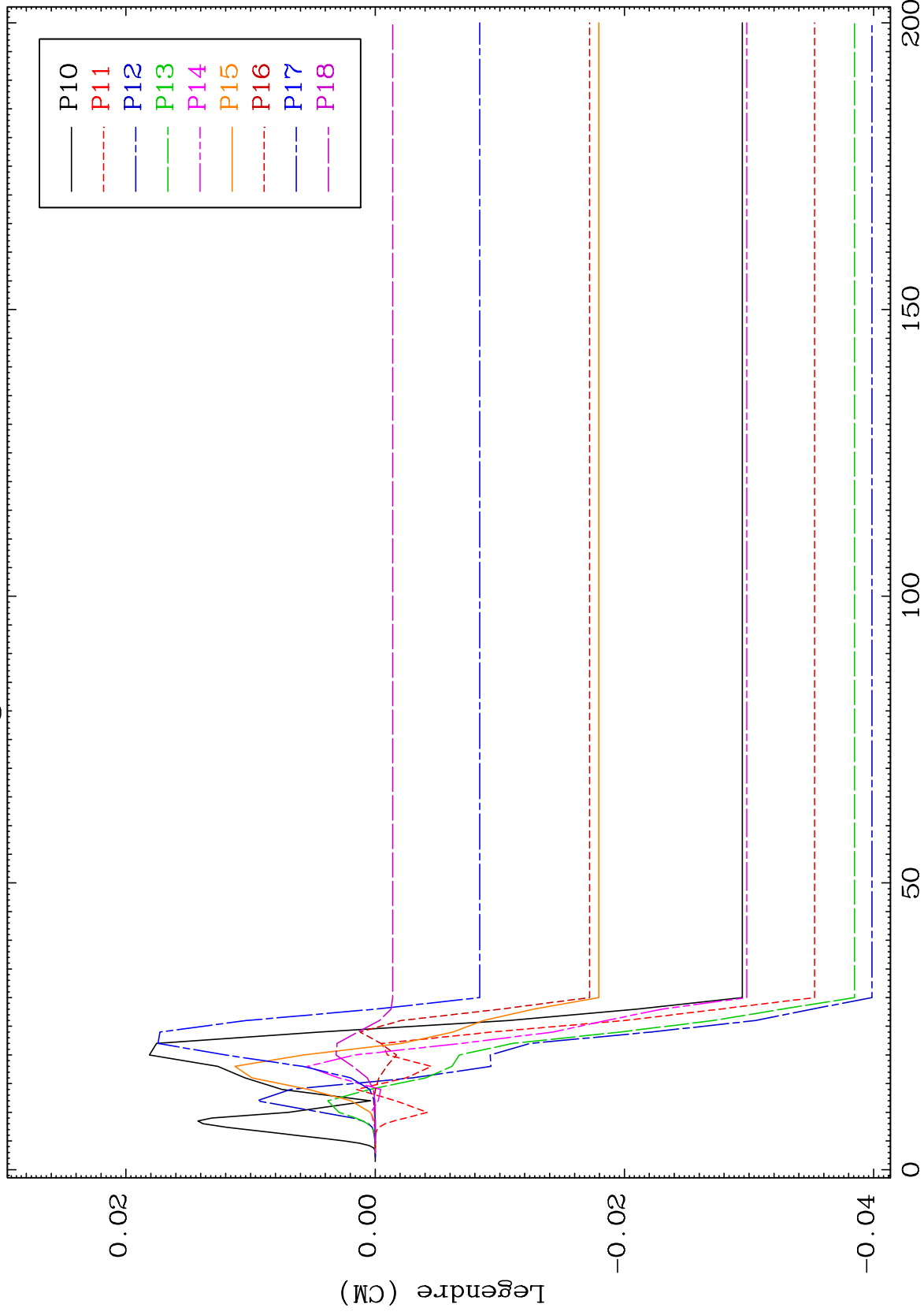
69-Tm-173



MAT 6937

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

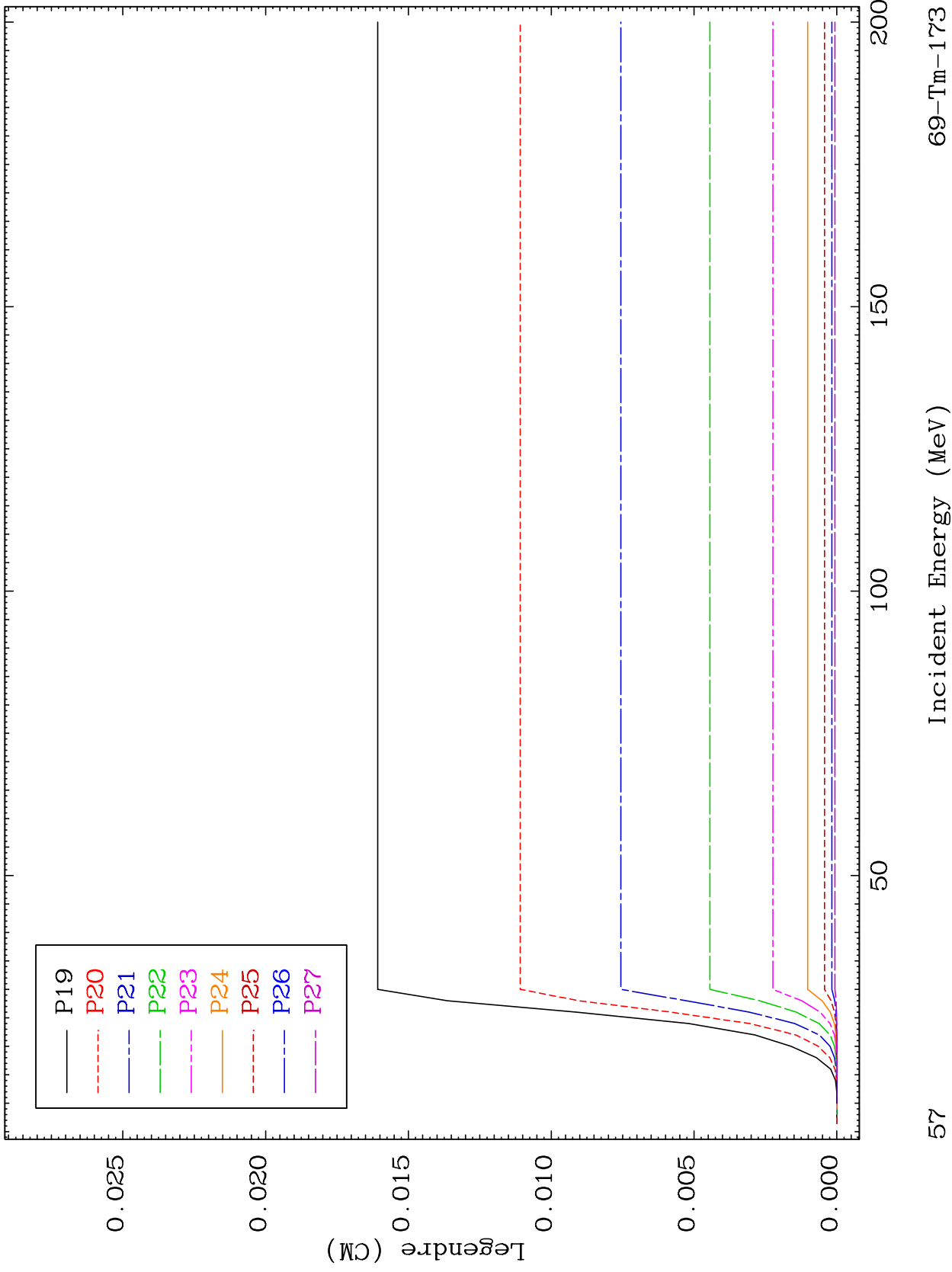
69-Tm-173



56

Incident Energy (MeV)

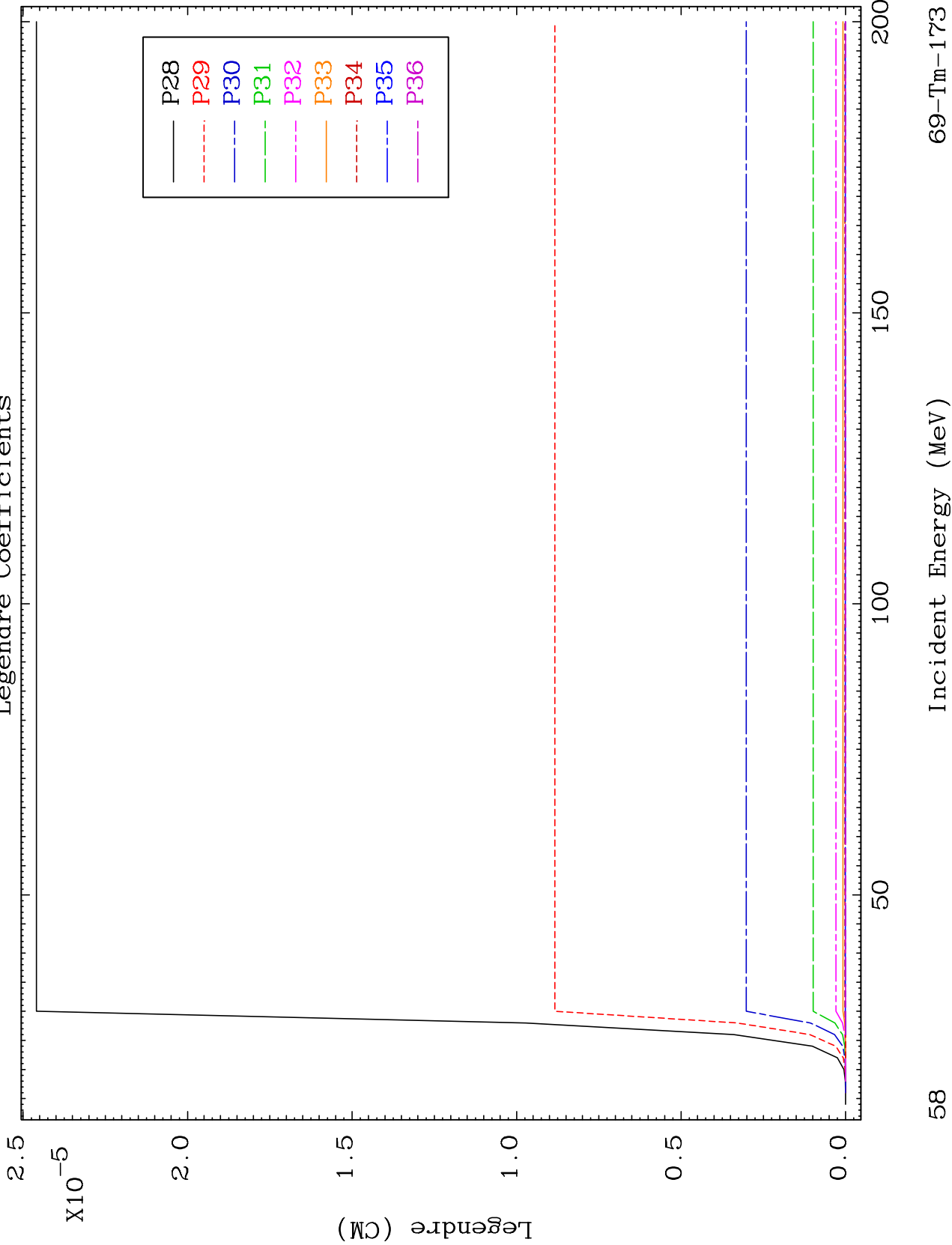
69-Tm-173



MAT 6937

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

69-Tm-173



58

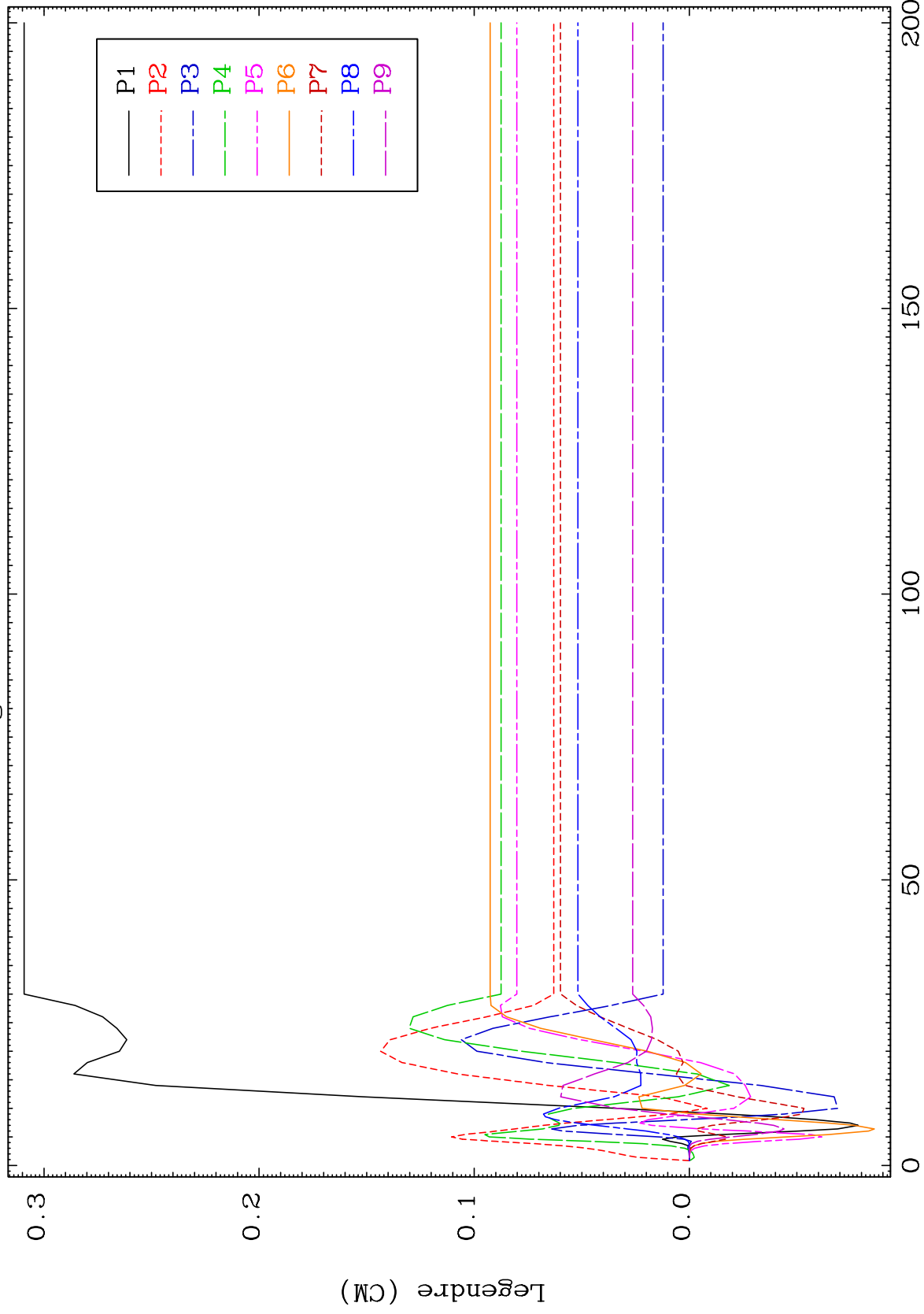
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



59

Incident Energy (MeV)

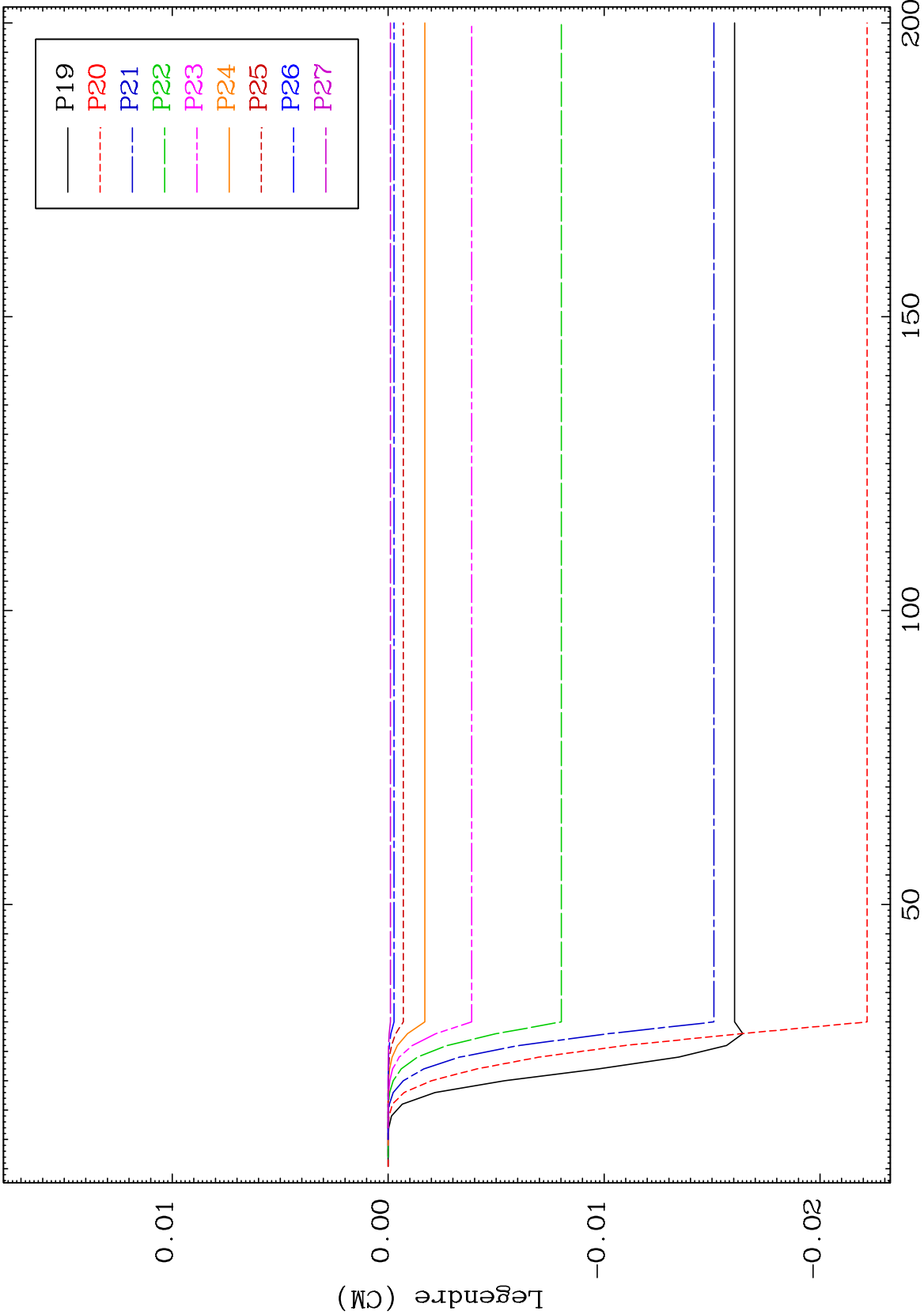
69-Tm-173



MAT 6937

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

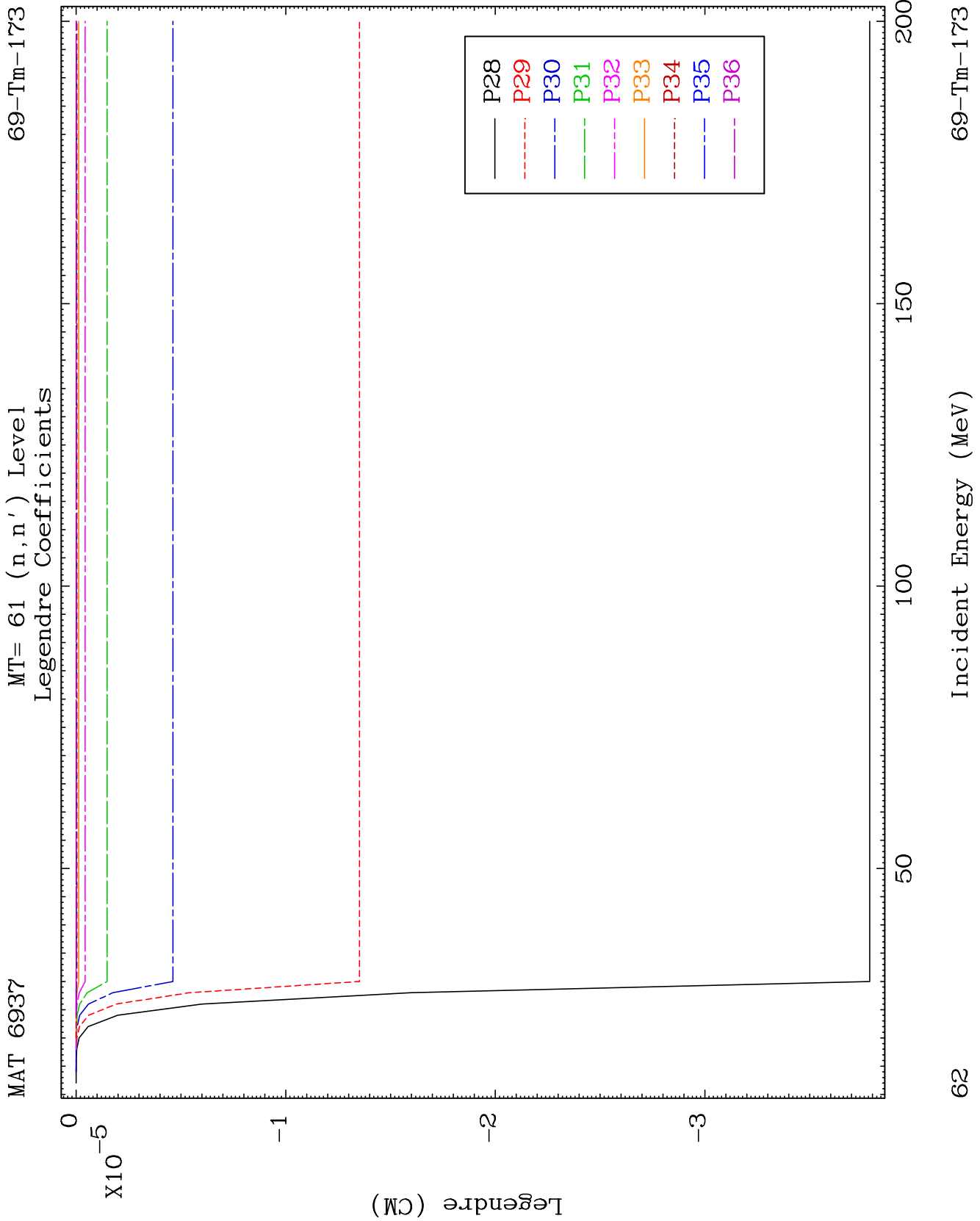
69-Tm-173



61

Incident Energy (MeV)

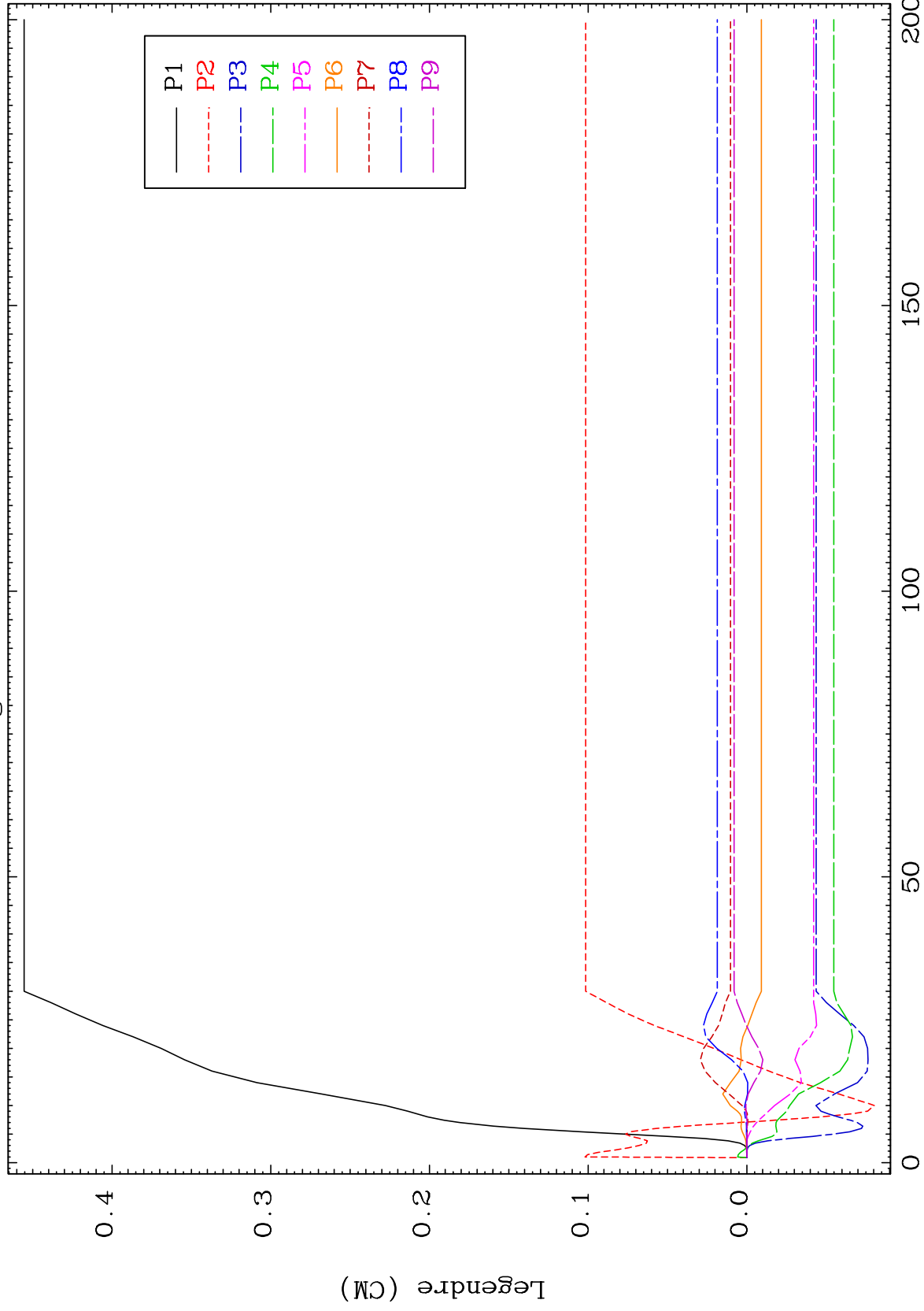
69-Tm-173



MAT 6937

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

69-Tm-173



63

Incident Energy (MeV)

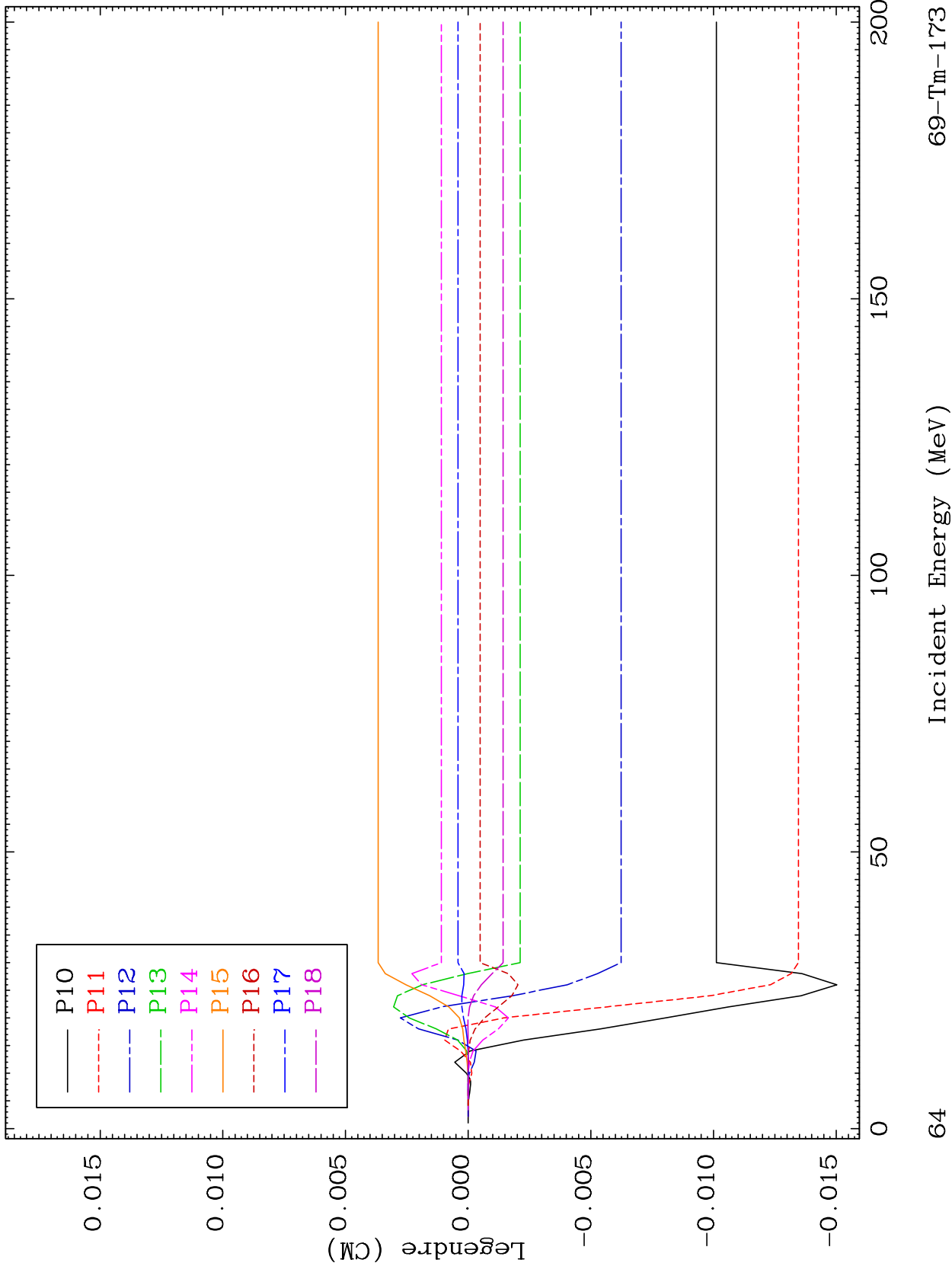
69-Tm-173



MAT 6937

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

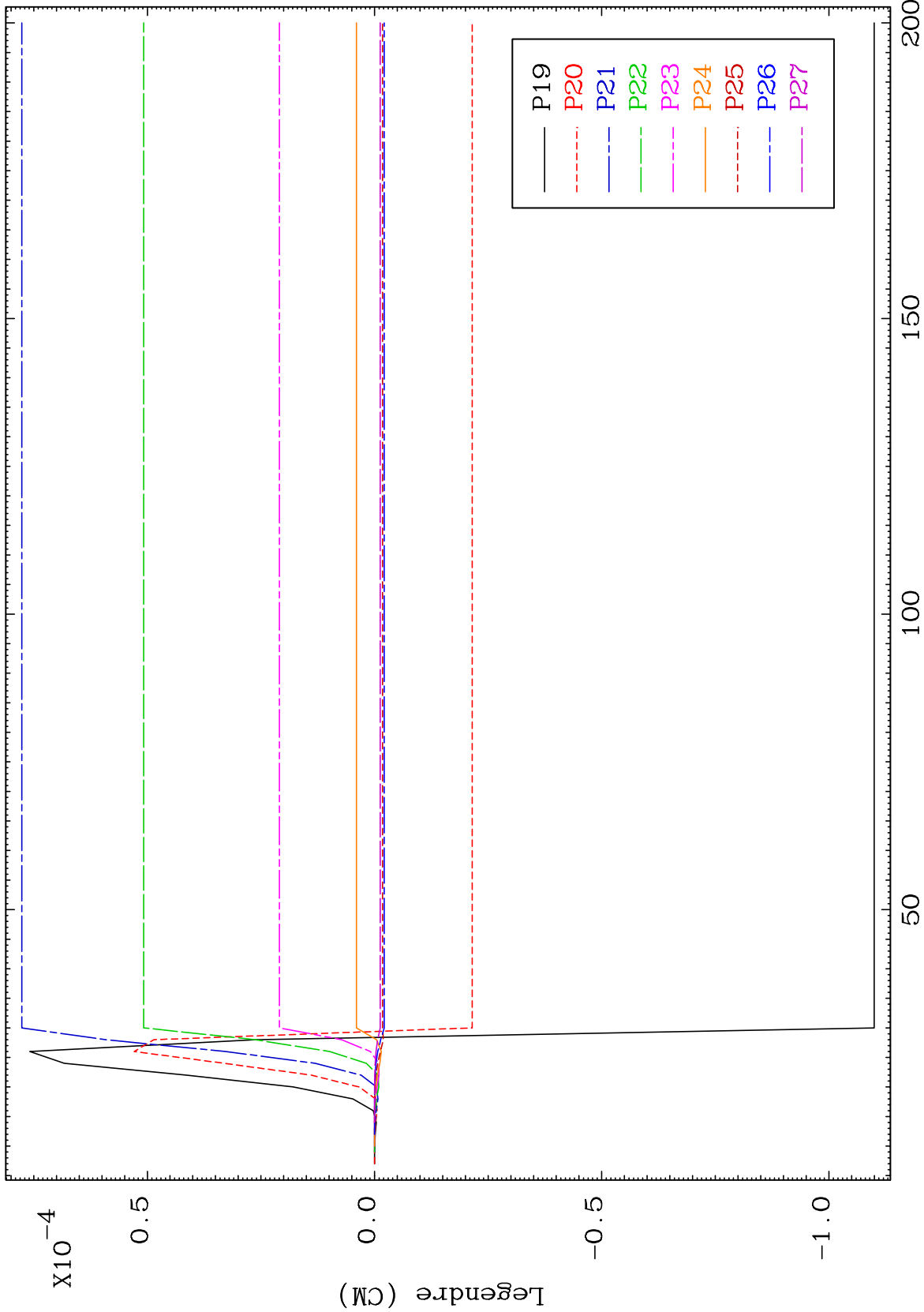
69-Tm-173



64

Incident Energy (MeV)

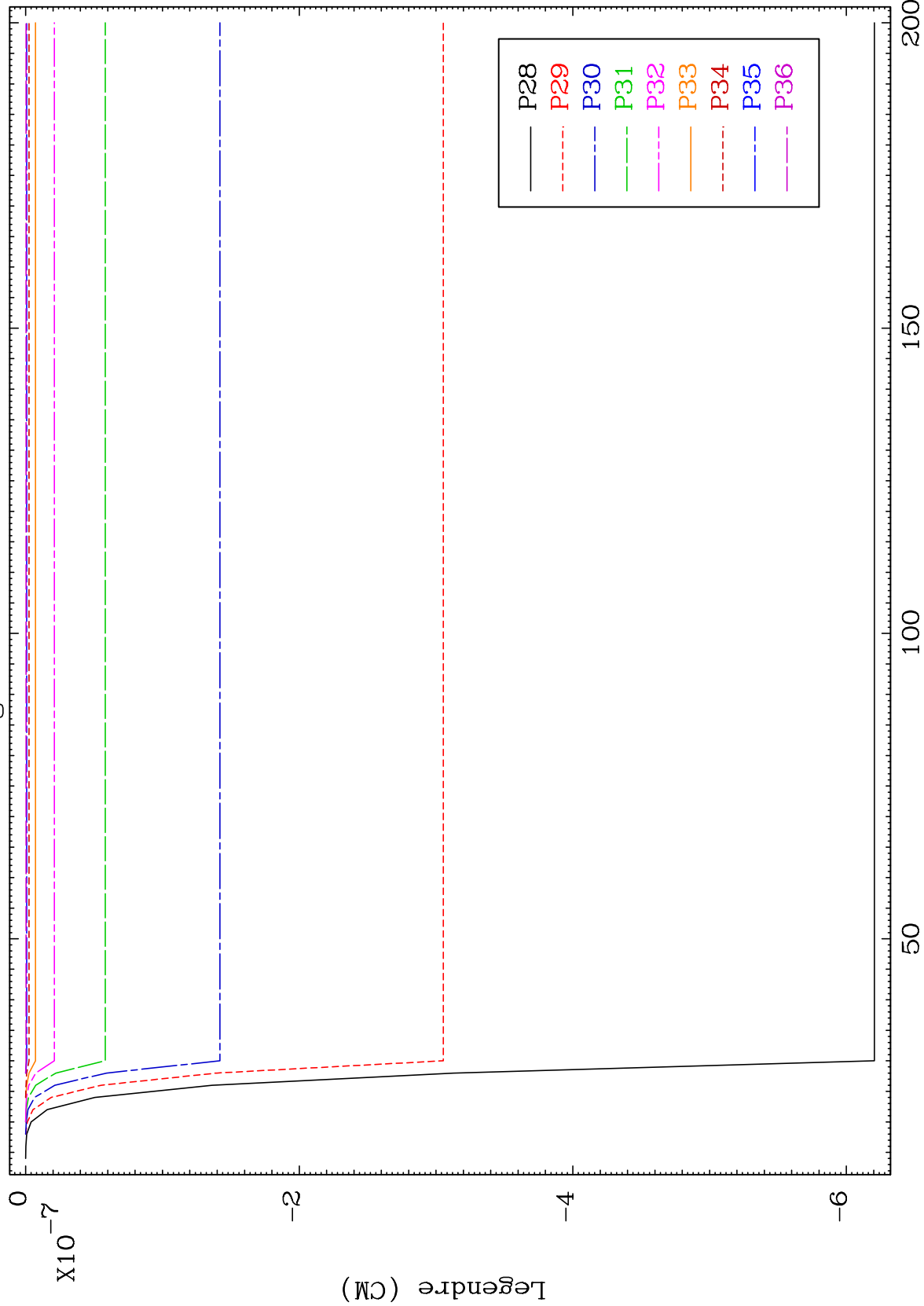
69-Tm-173



MAT 6937

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

69-Tm-173



66

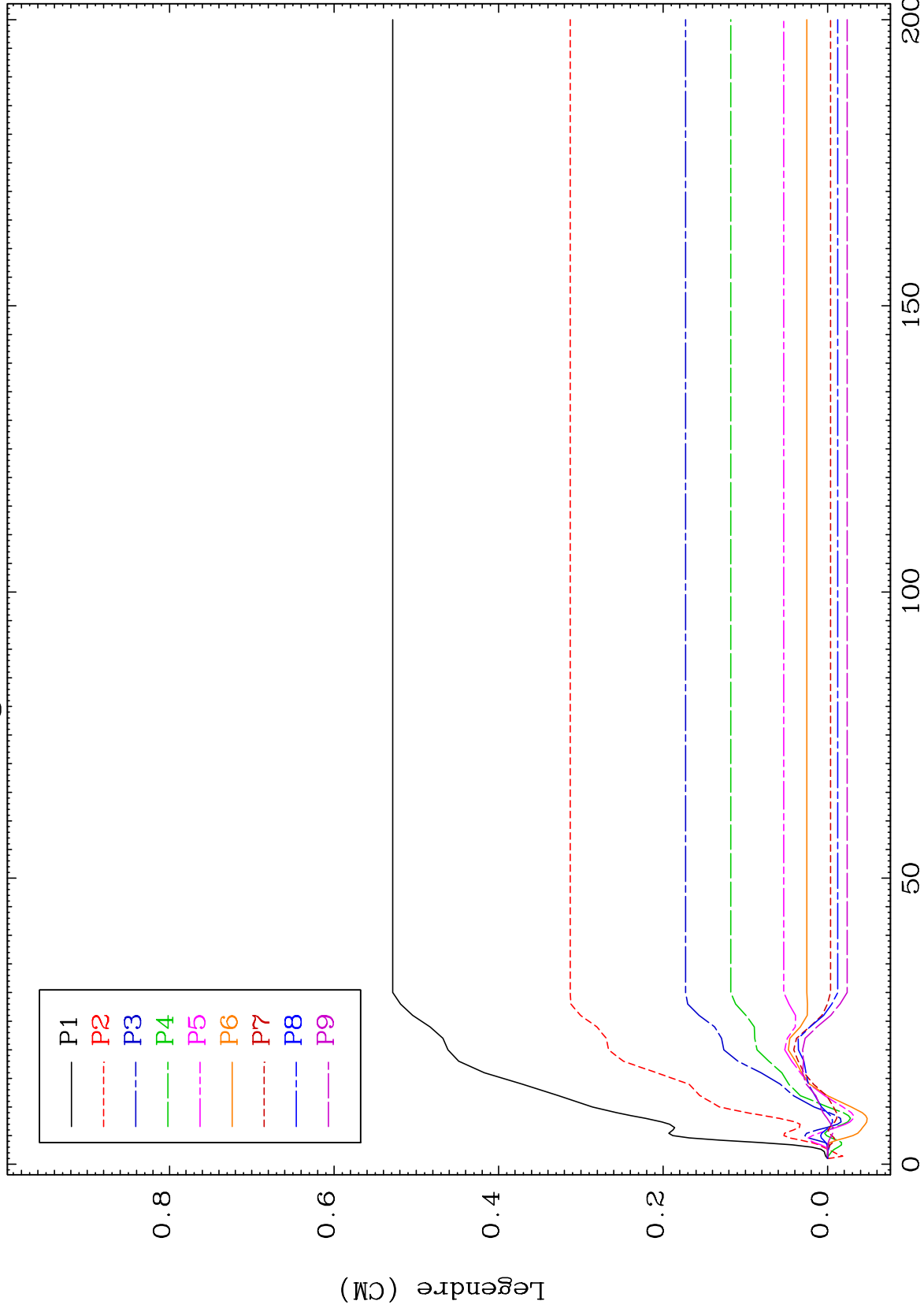
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



67

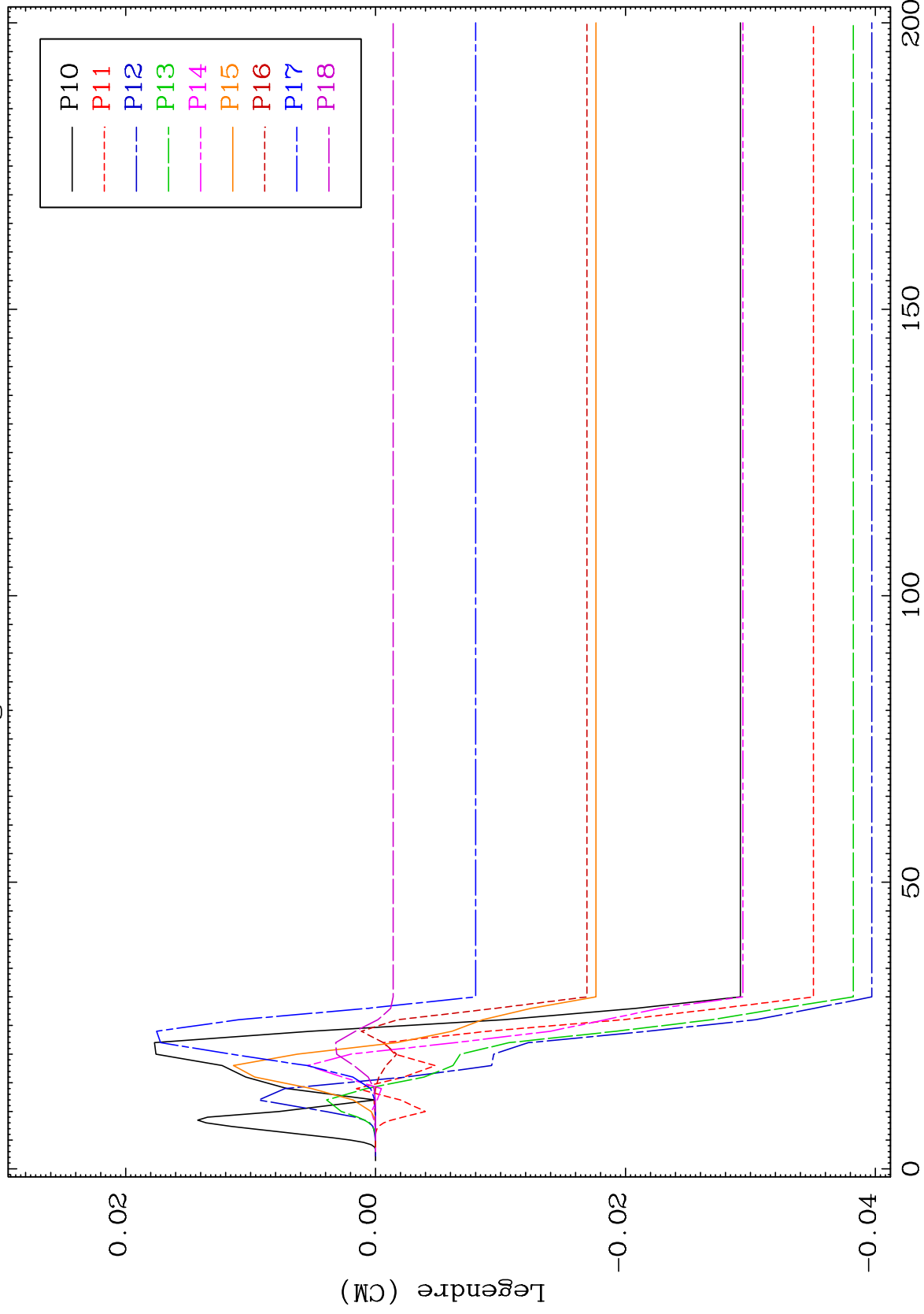
69-Tm-173

69-Tm-173

MAT 6937

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

69-Tm-173



68

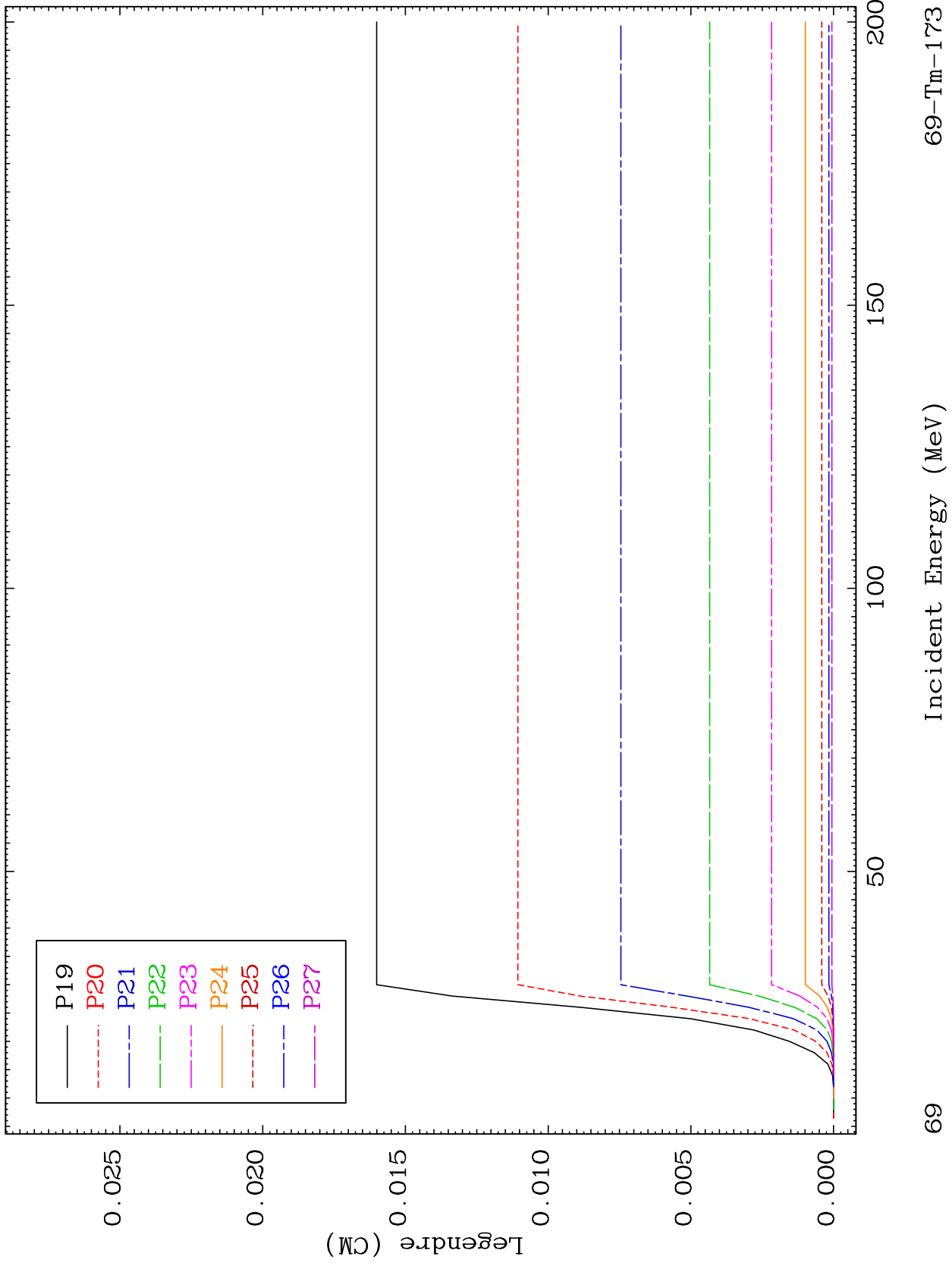
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



69

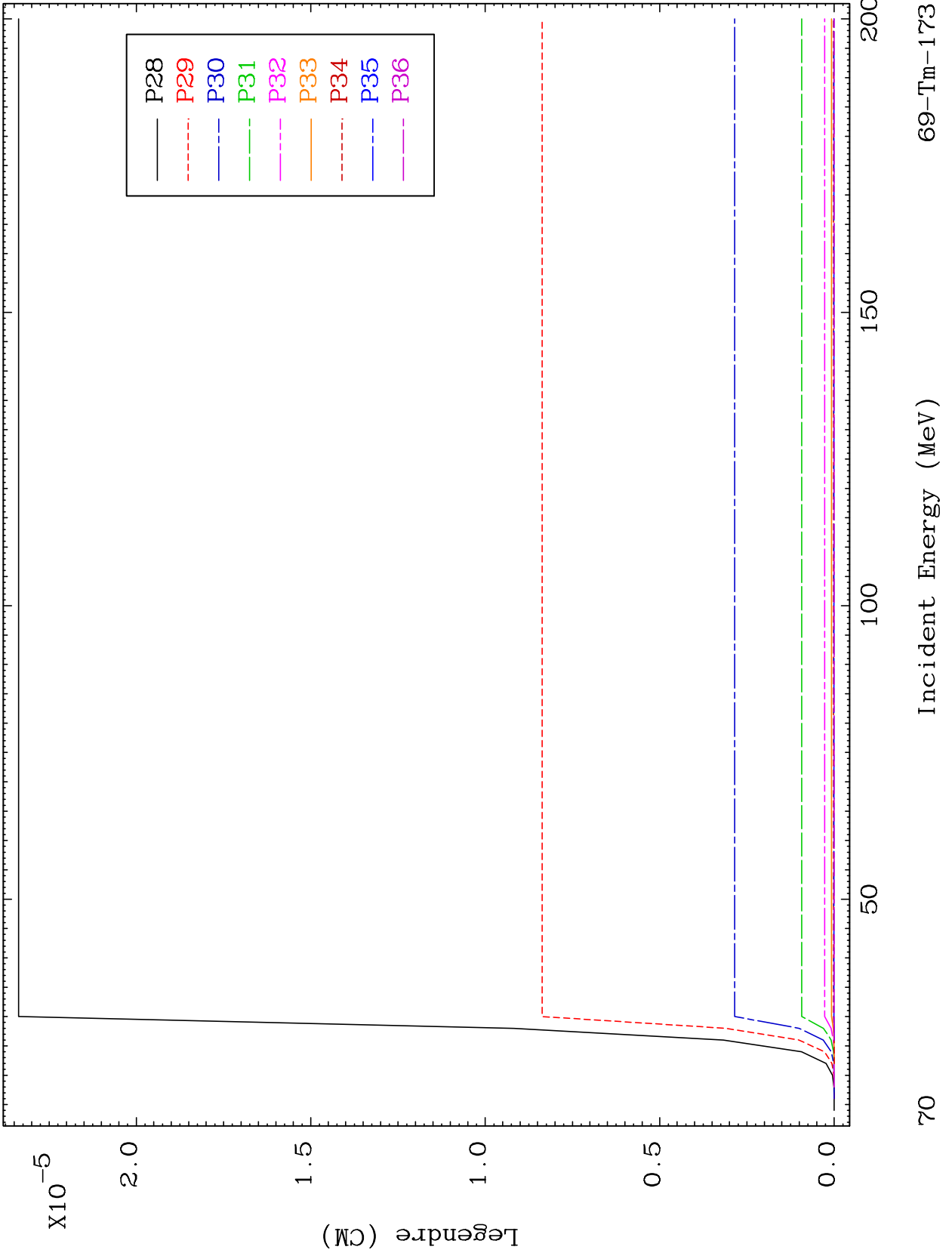
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



70

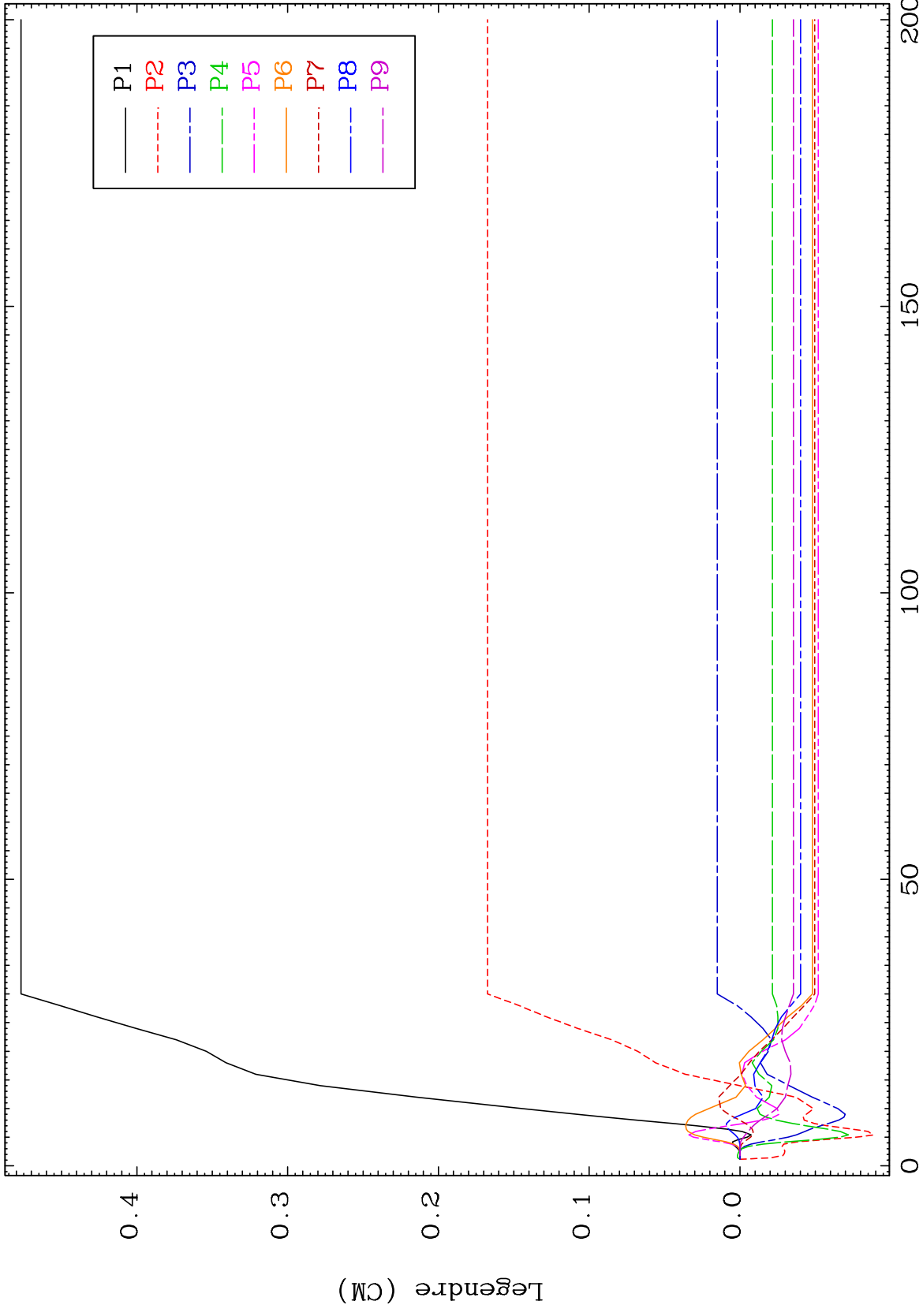
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



71

Incident Energy (MeV)

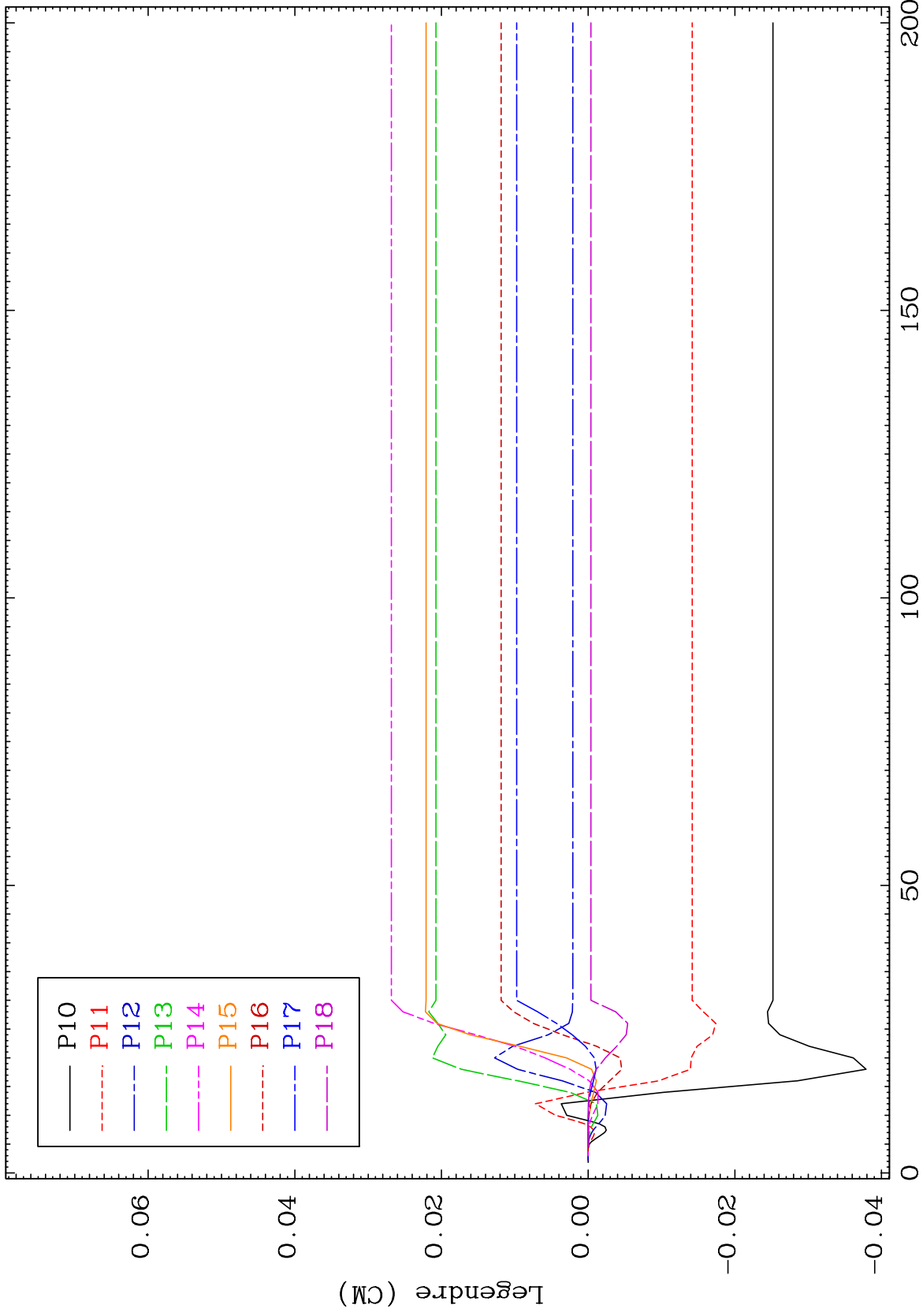
69-Tm-173



MAT 6937

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

69-Tm-173



72

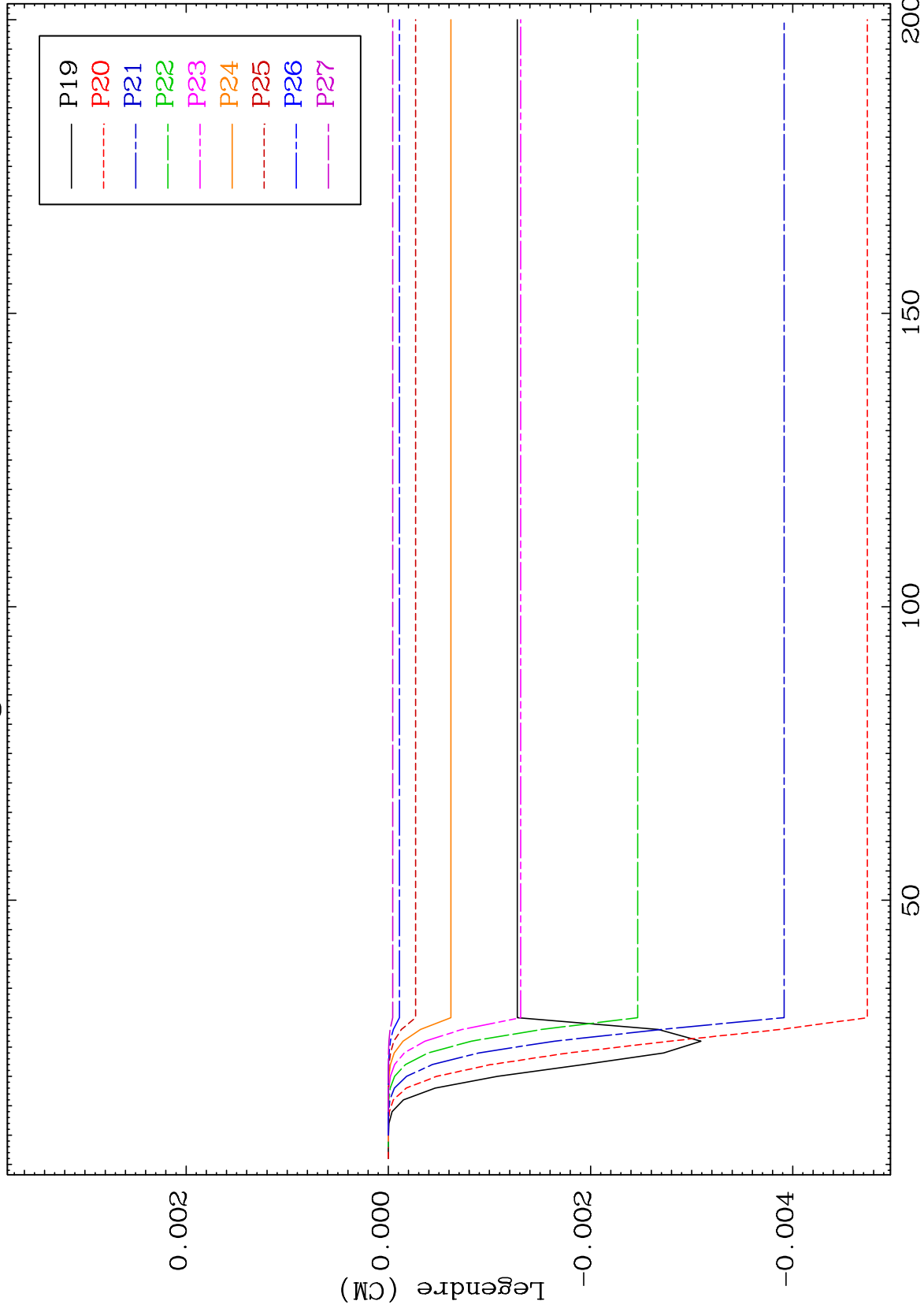
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

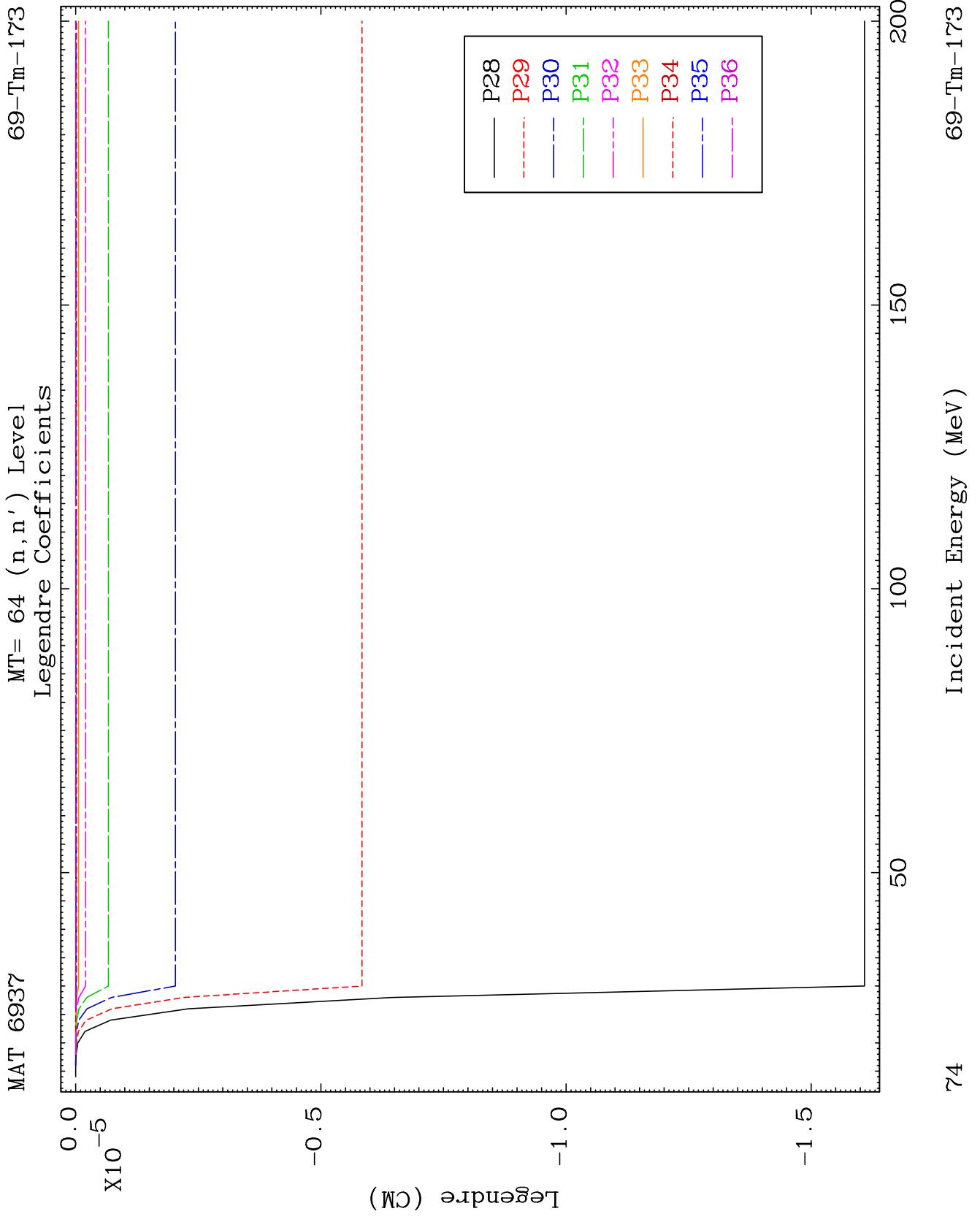
69-Tm-173



73

Incident Energy (MeV)

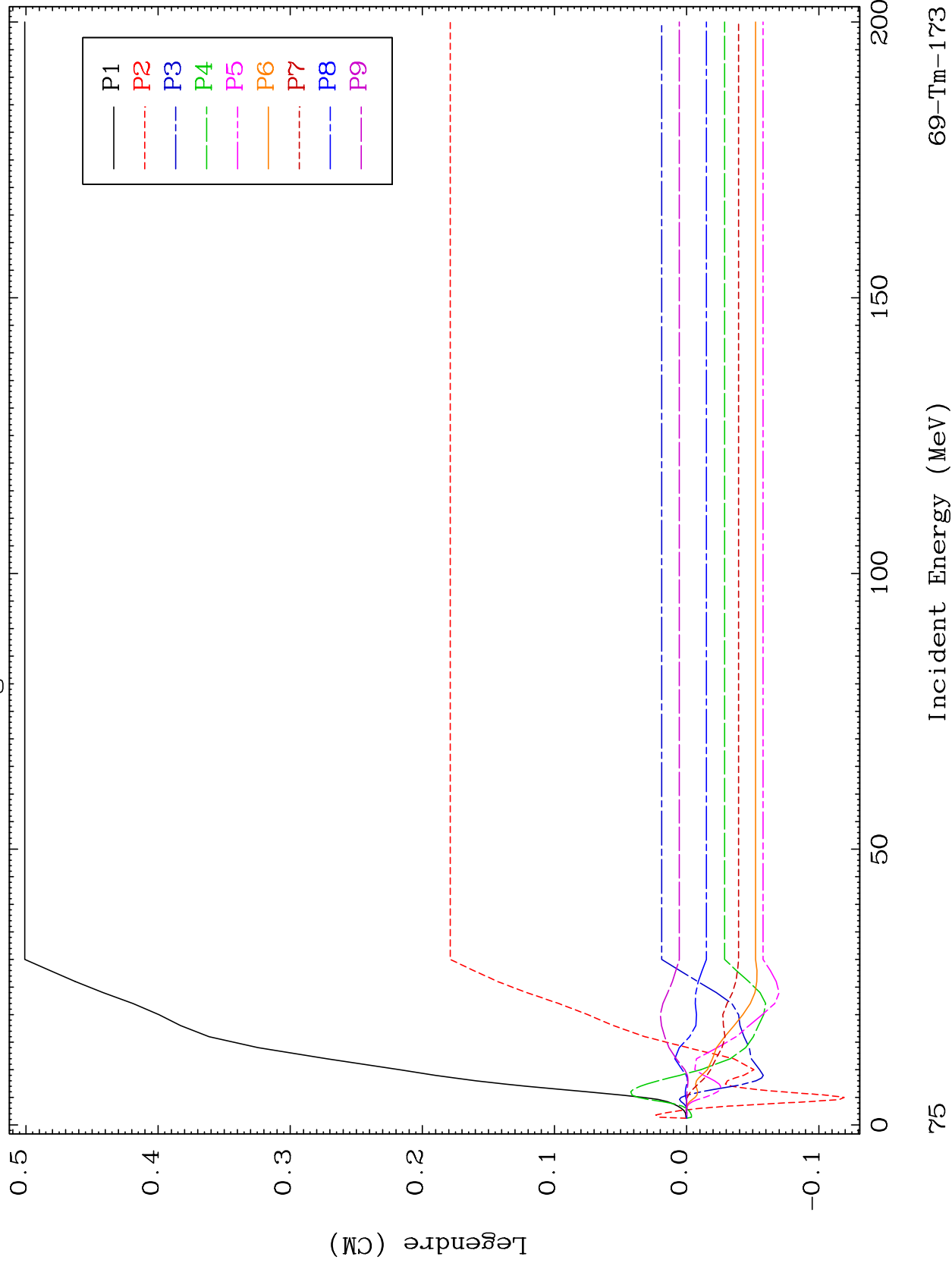
69-Tm-173



MAT 6937

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

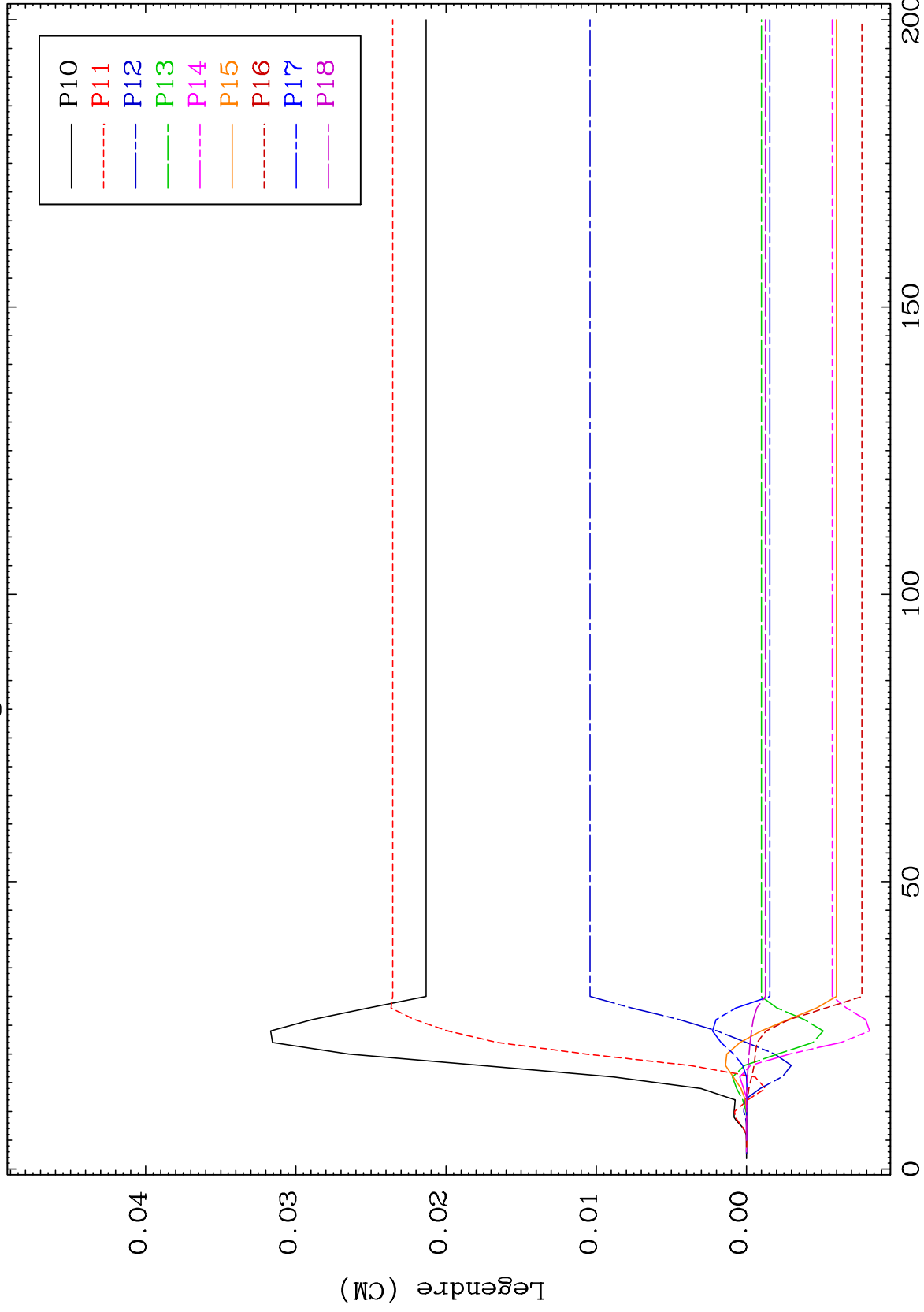
69-Tm-173



MAT 6937

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

69-Tm-173



76

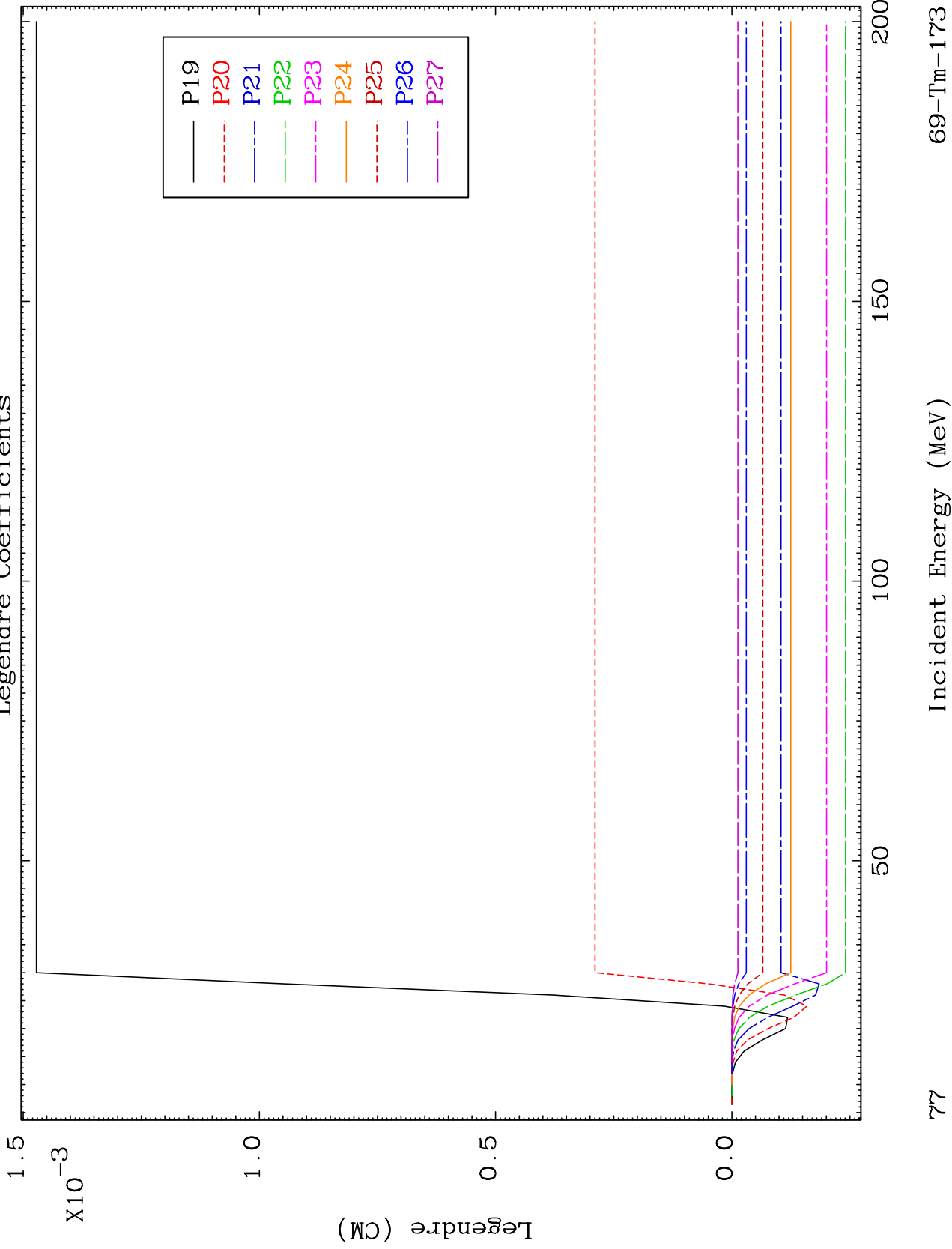
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

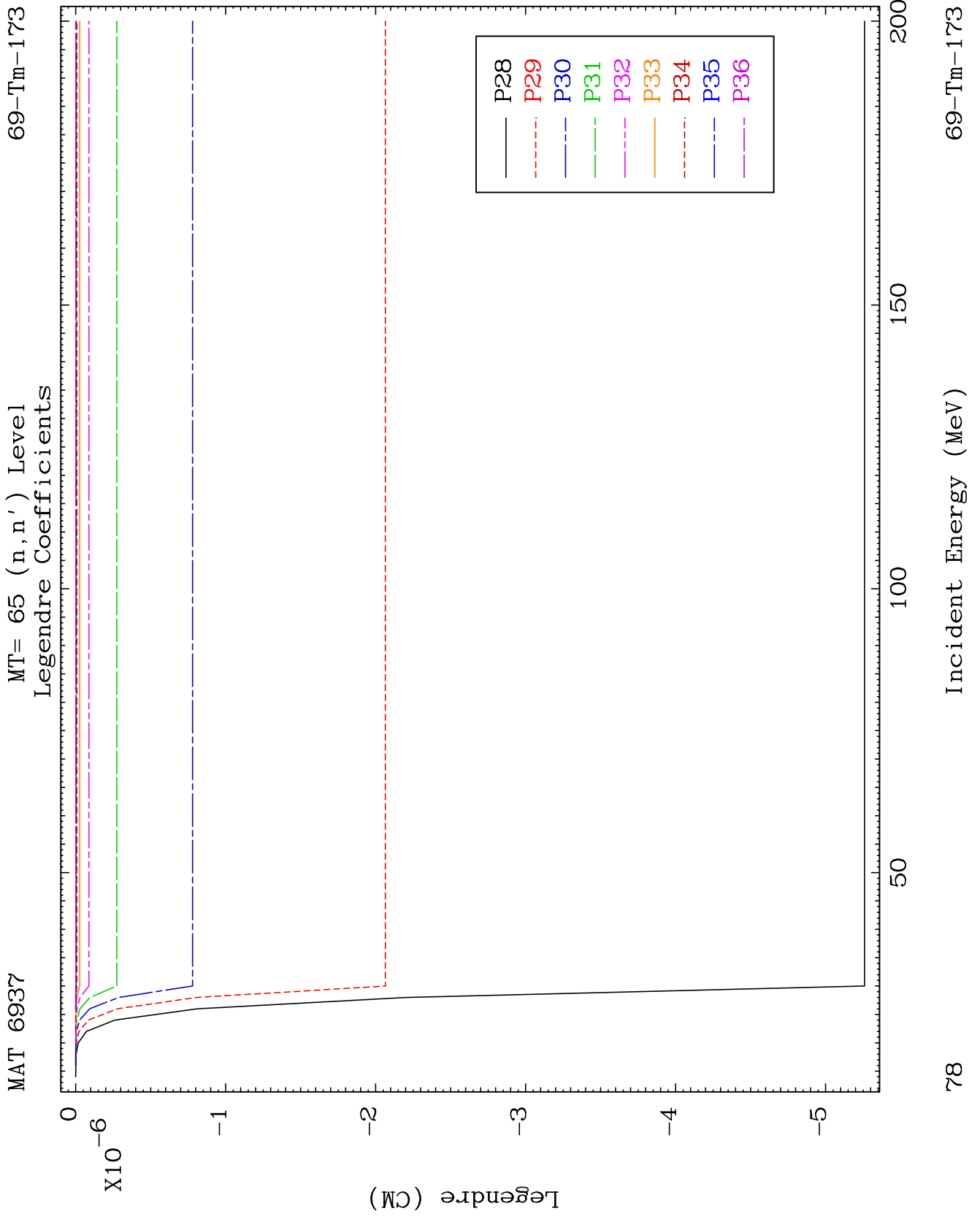
69-Tm-173



77

Incident Energy (MeV)

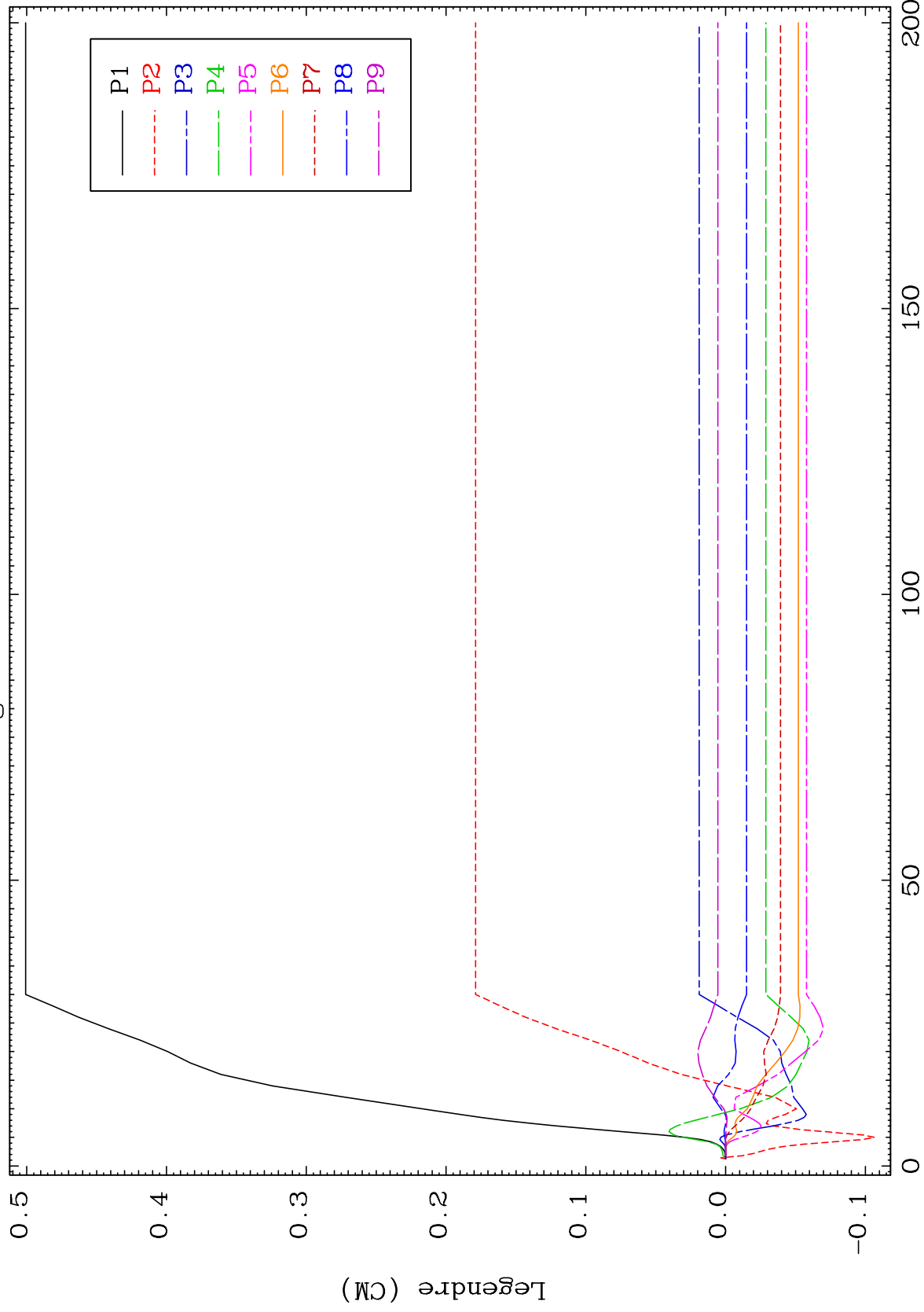
69-Tm-173



MAT 6937

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

69-Tm-173



79

Incident Energy (MeV)

69-Tm-173

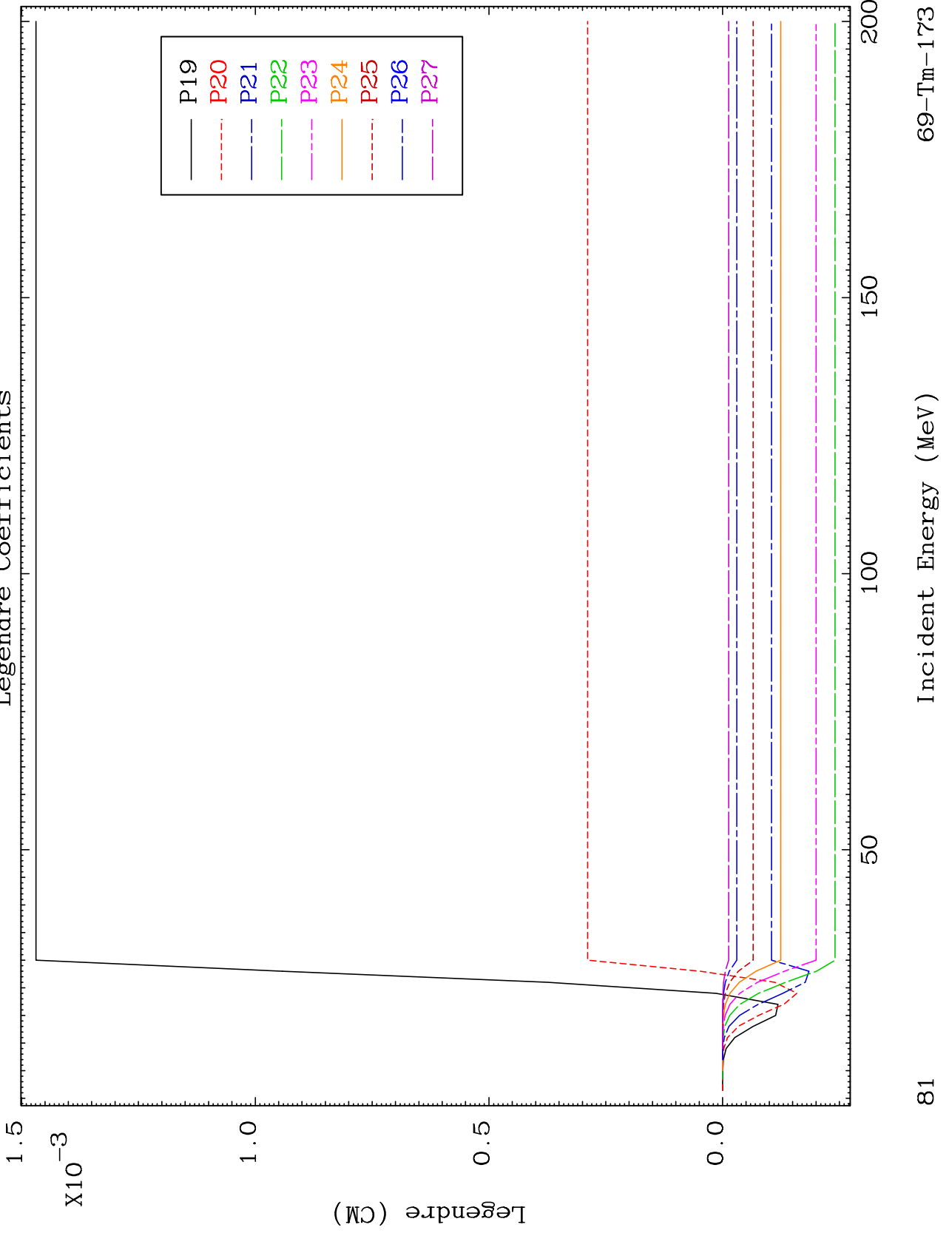


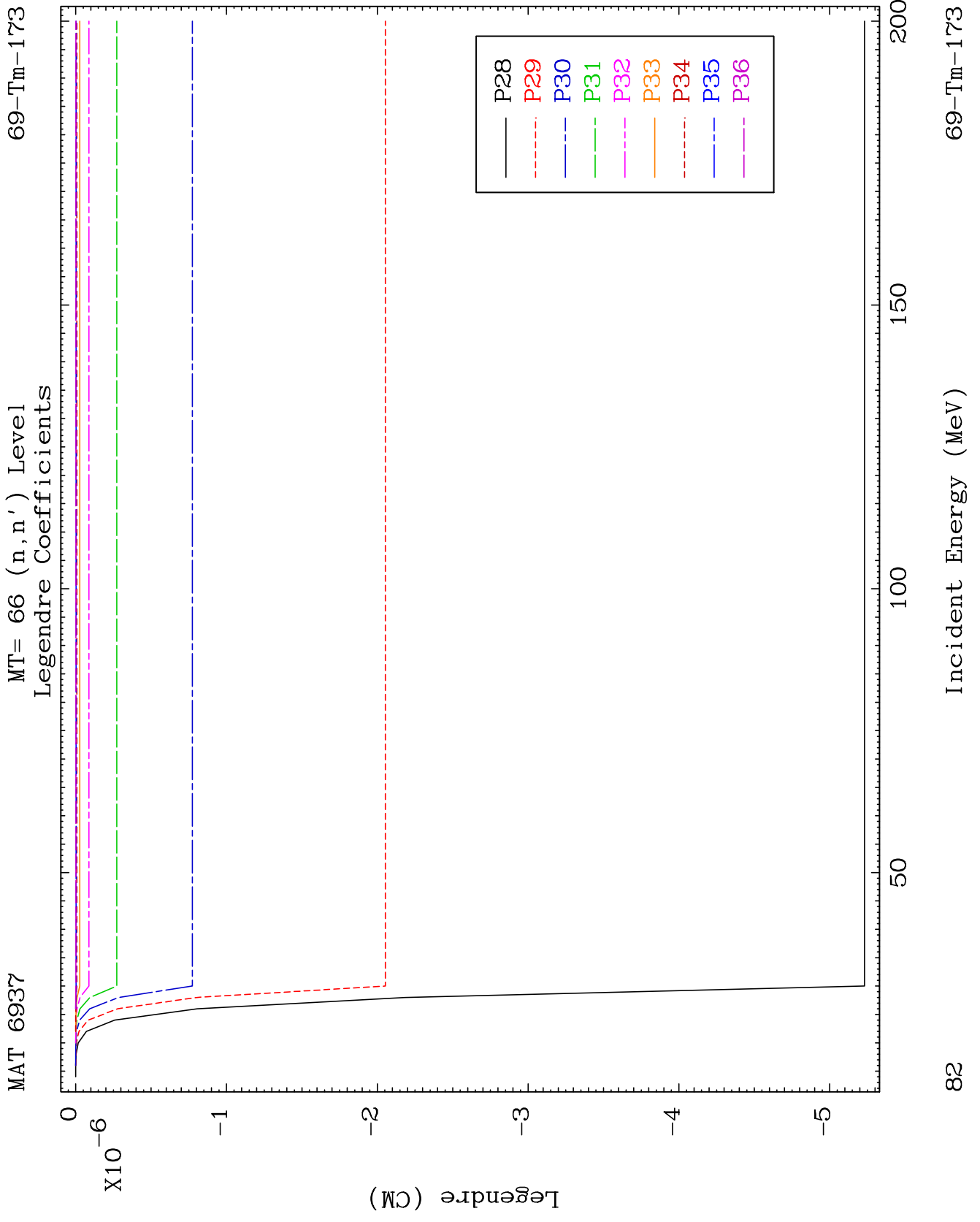


MAT 6937

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

69-Tm-173

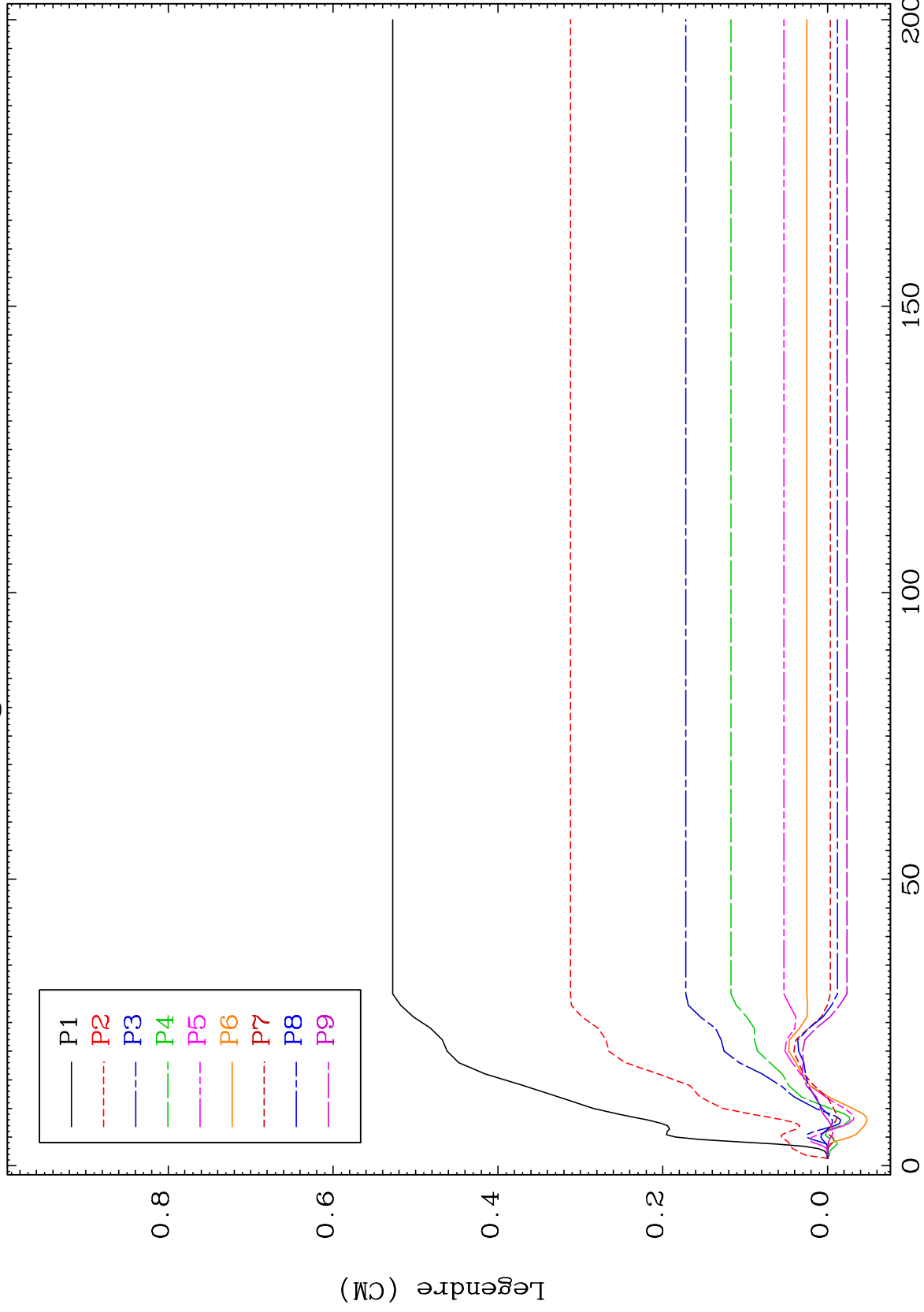




MAT 6937

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

69-Tm-173



83

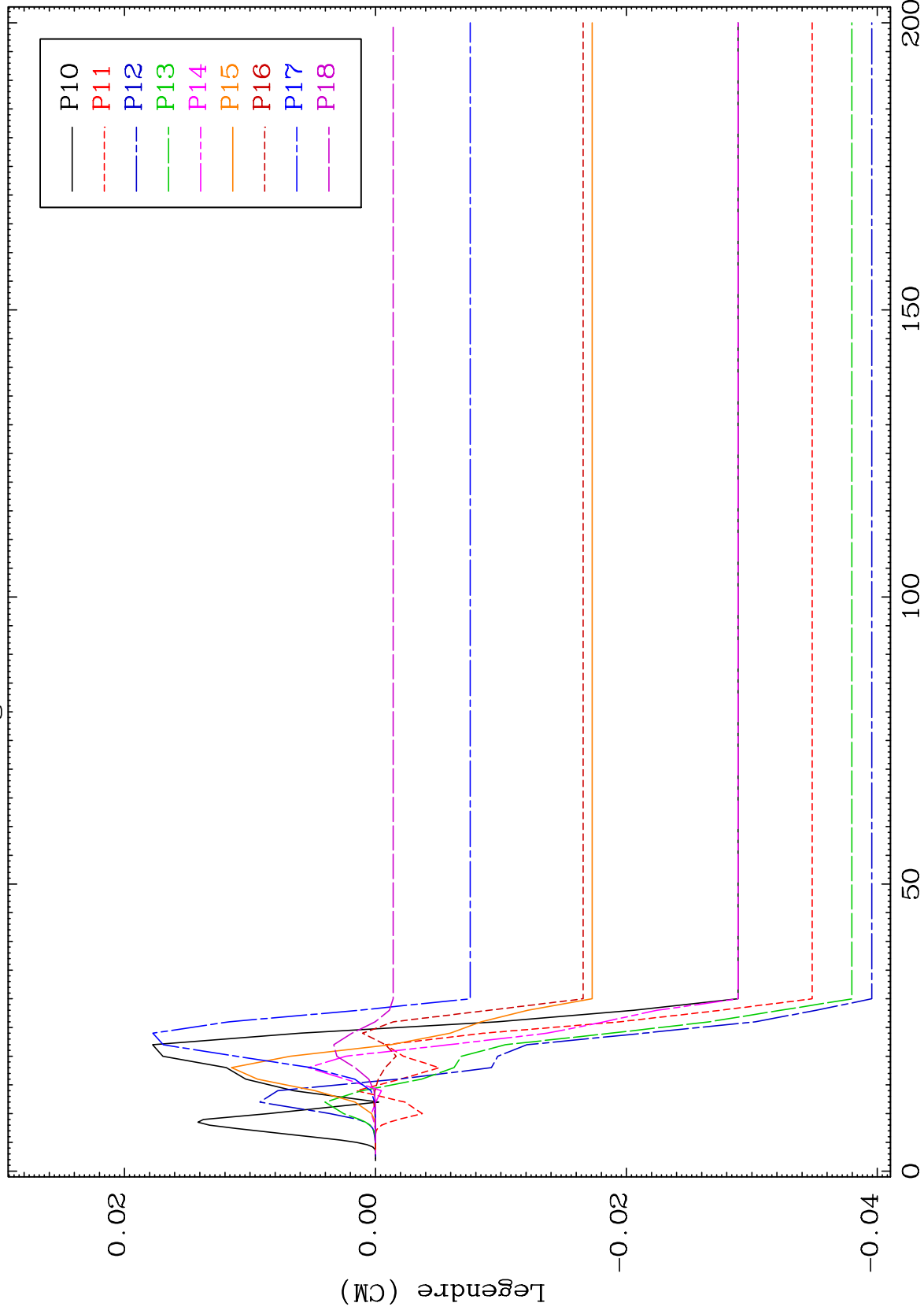
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



84

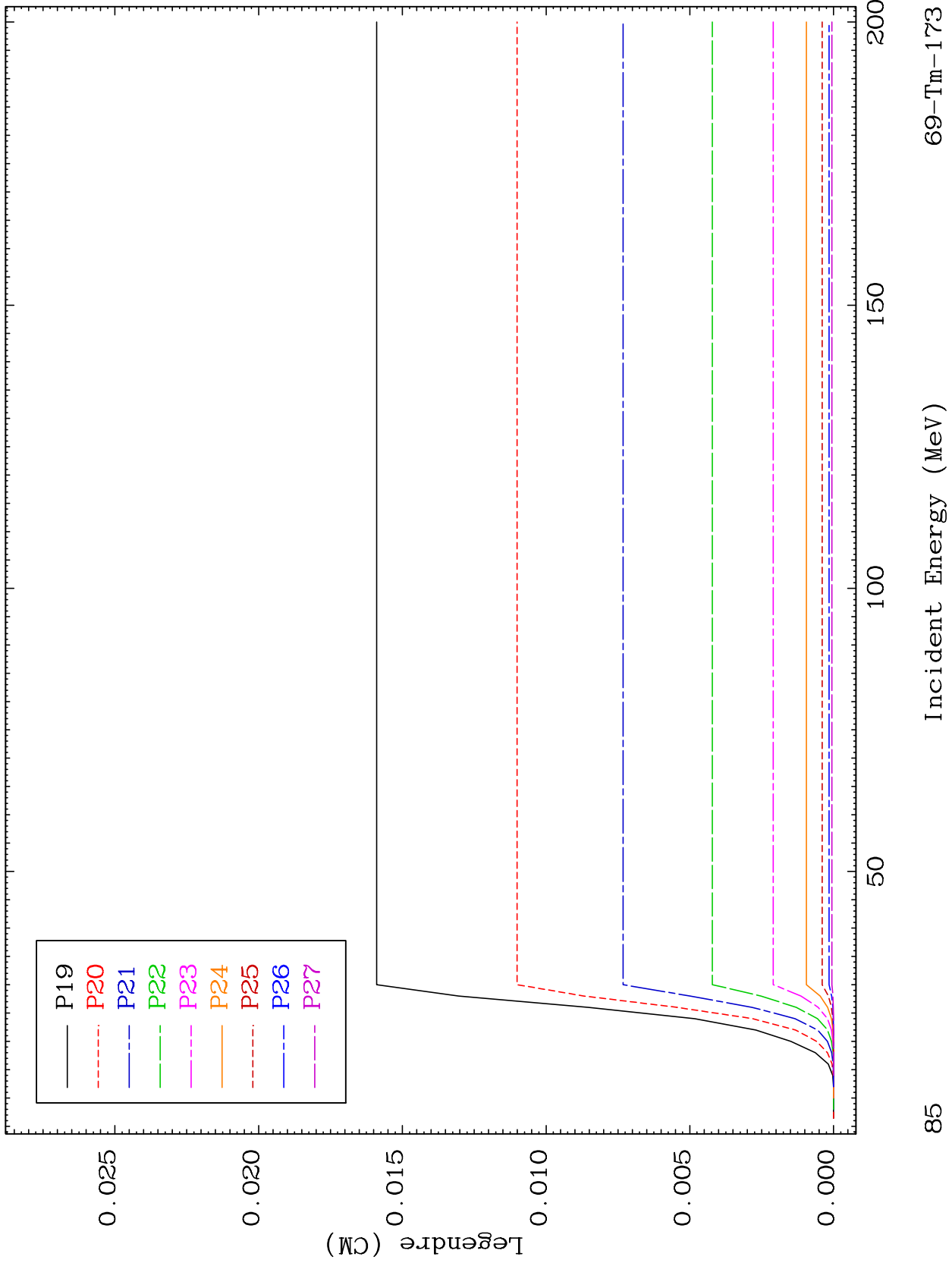
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



85

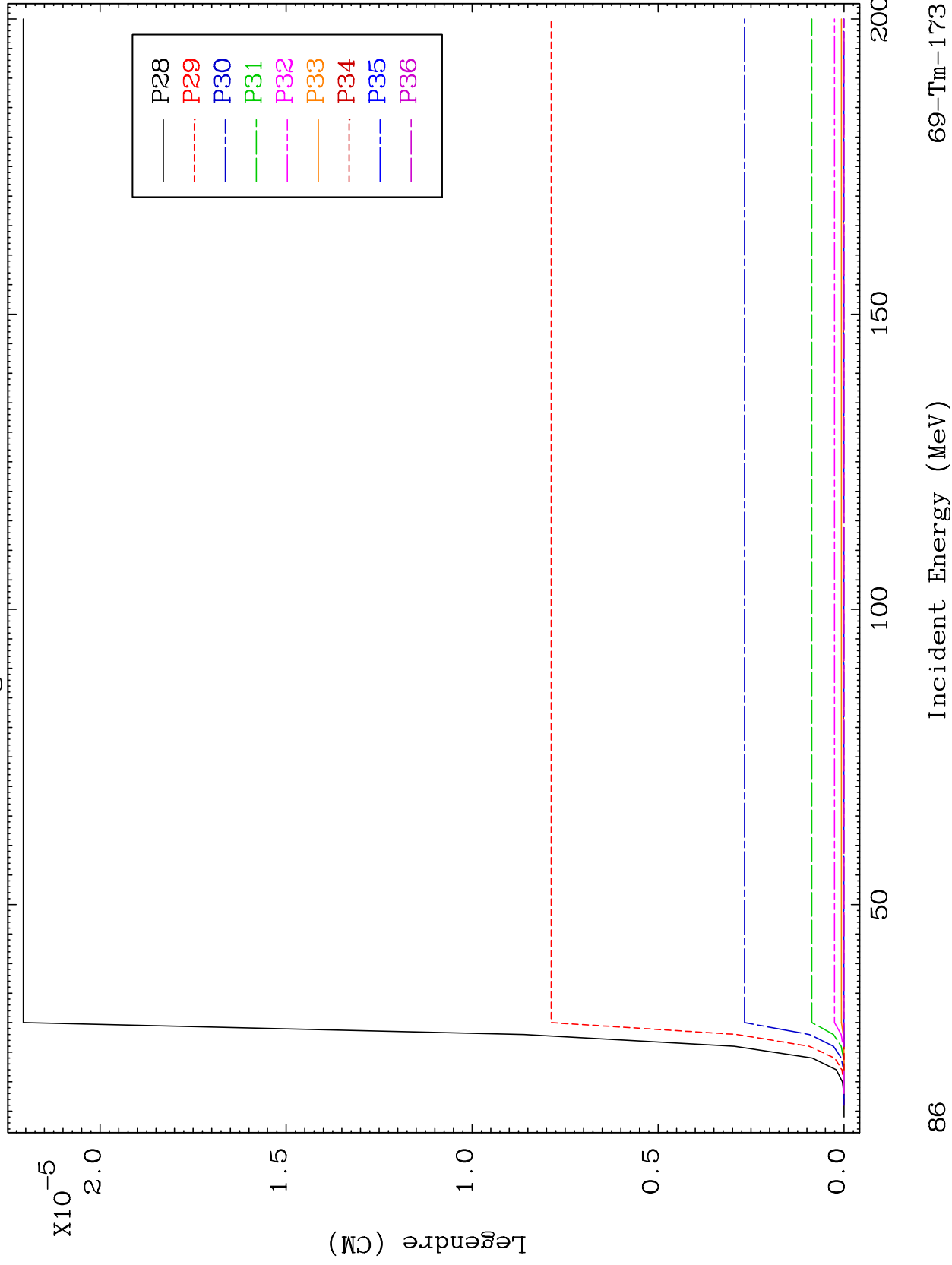
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

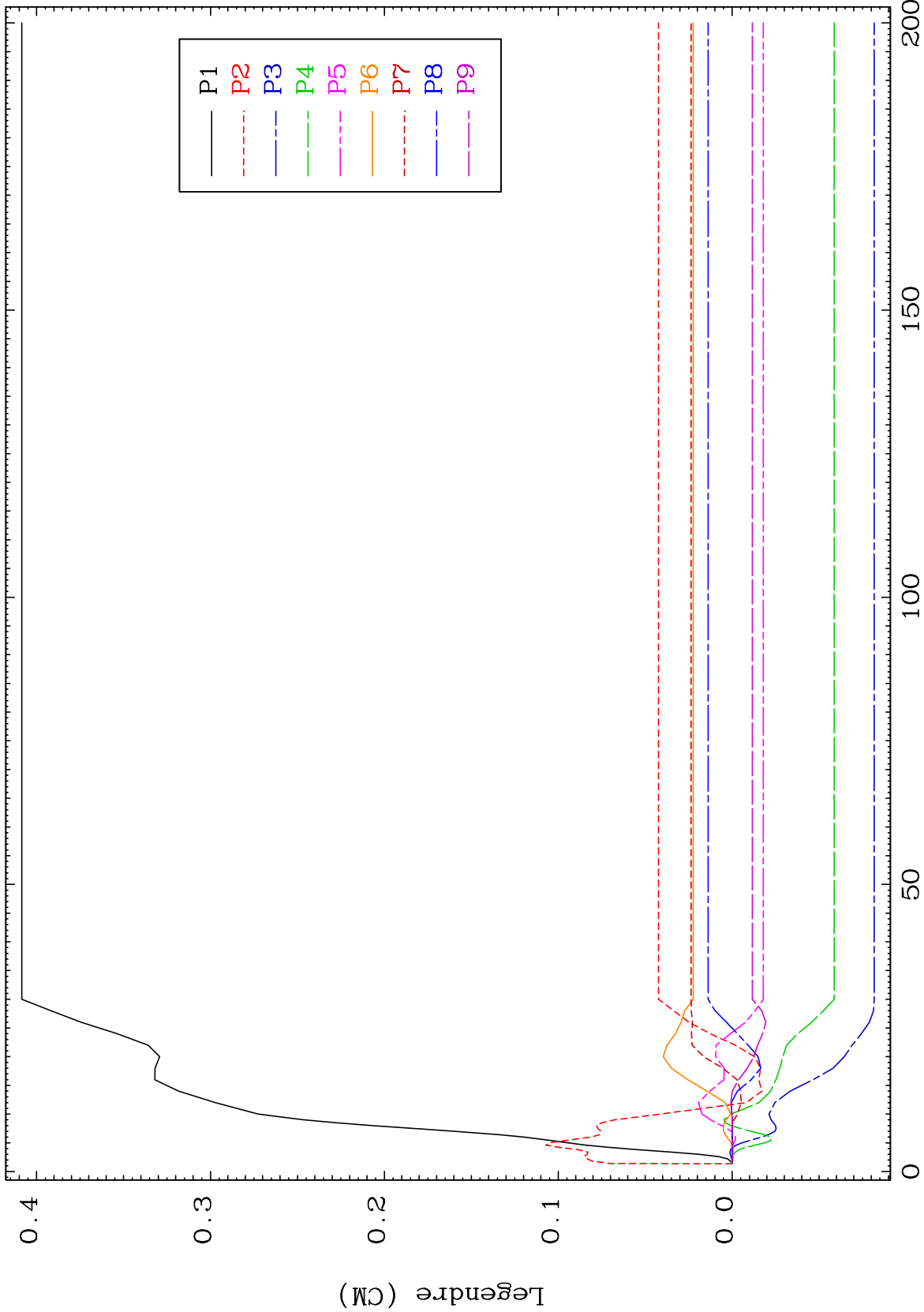
69-Tm-173



MAT 6937

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

69-Tm-173



87

Incident Energy (MeV)

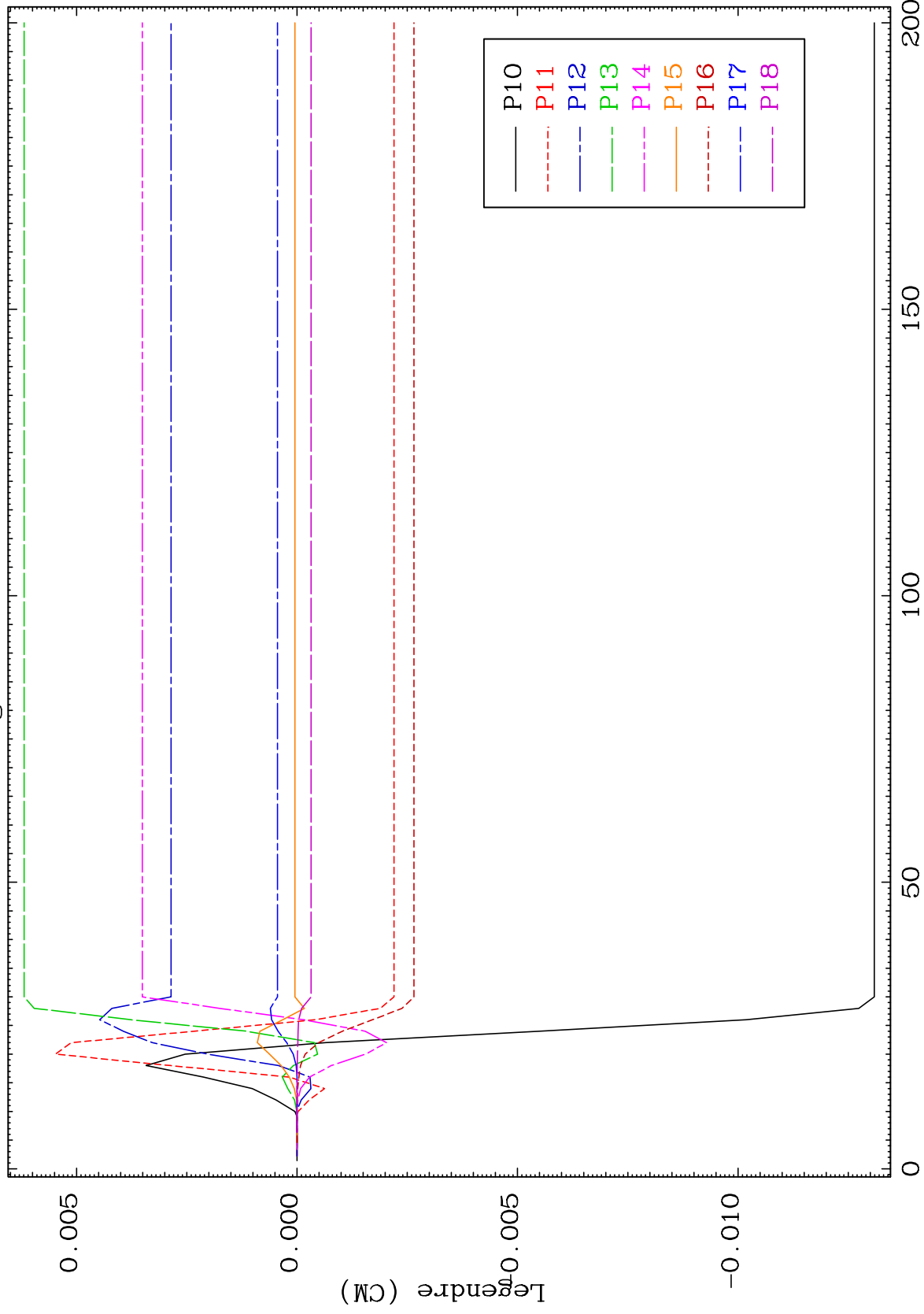
69-Tm-173



MAT 6937

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

69-Tm-173



88

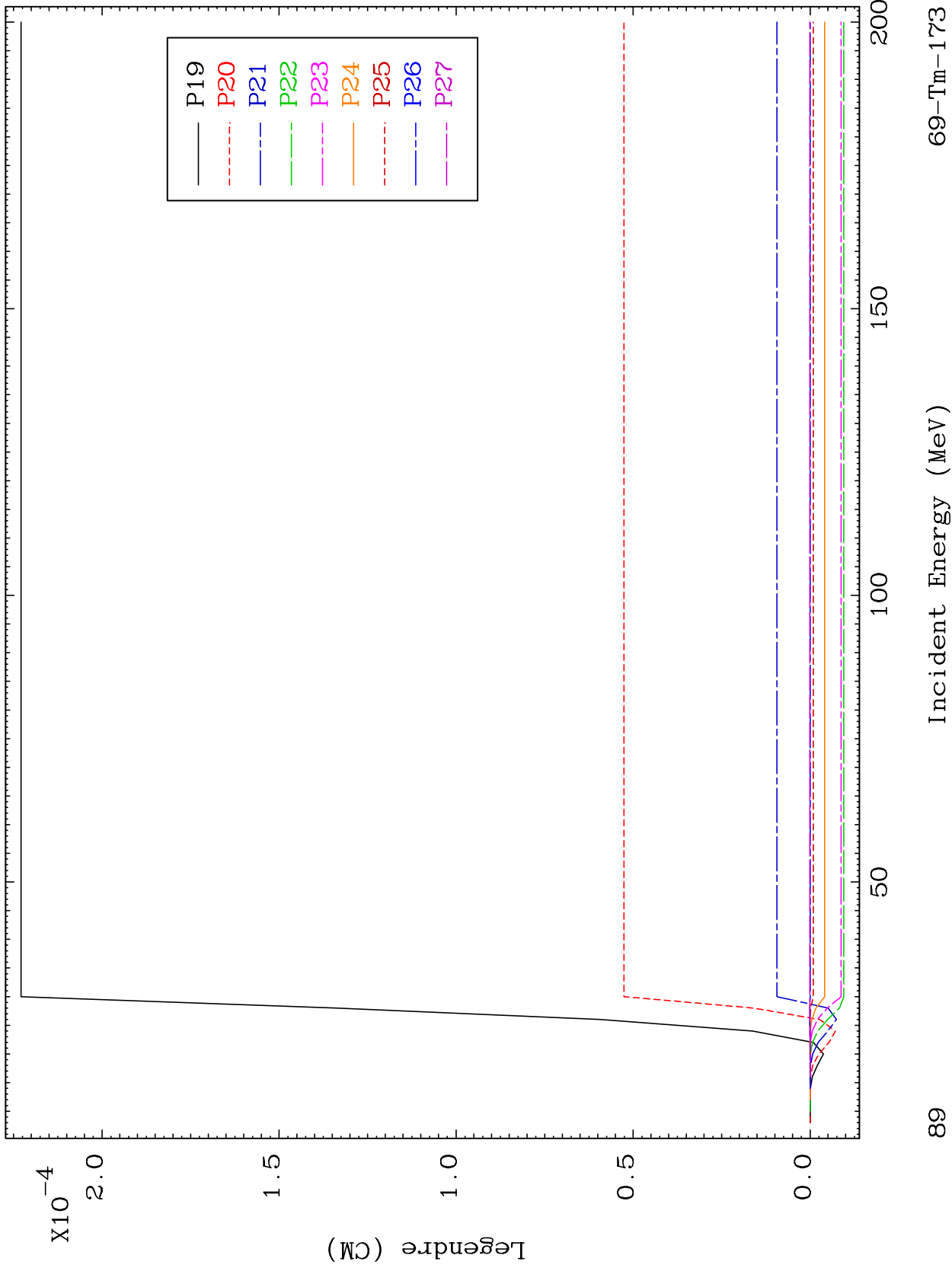
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



89

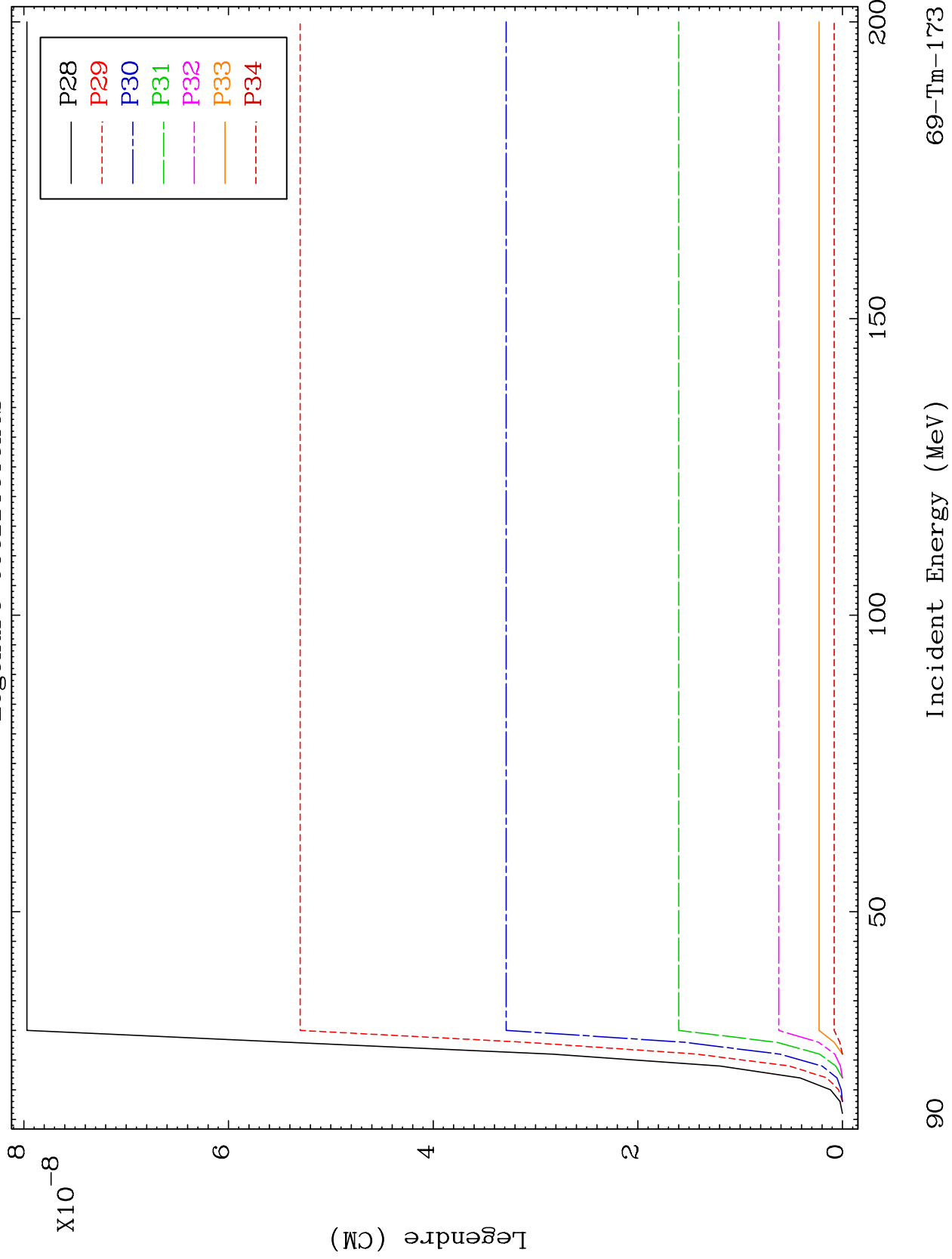
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

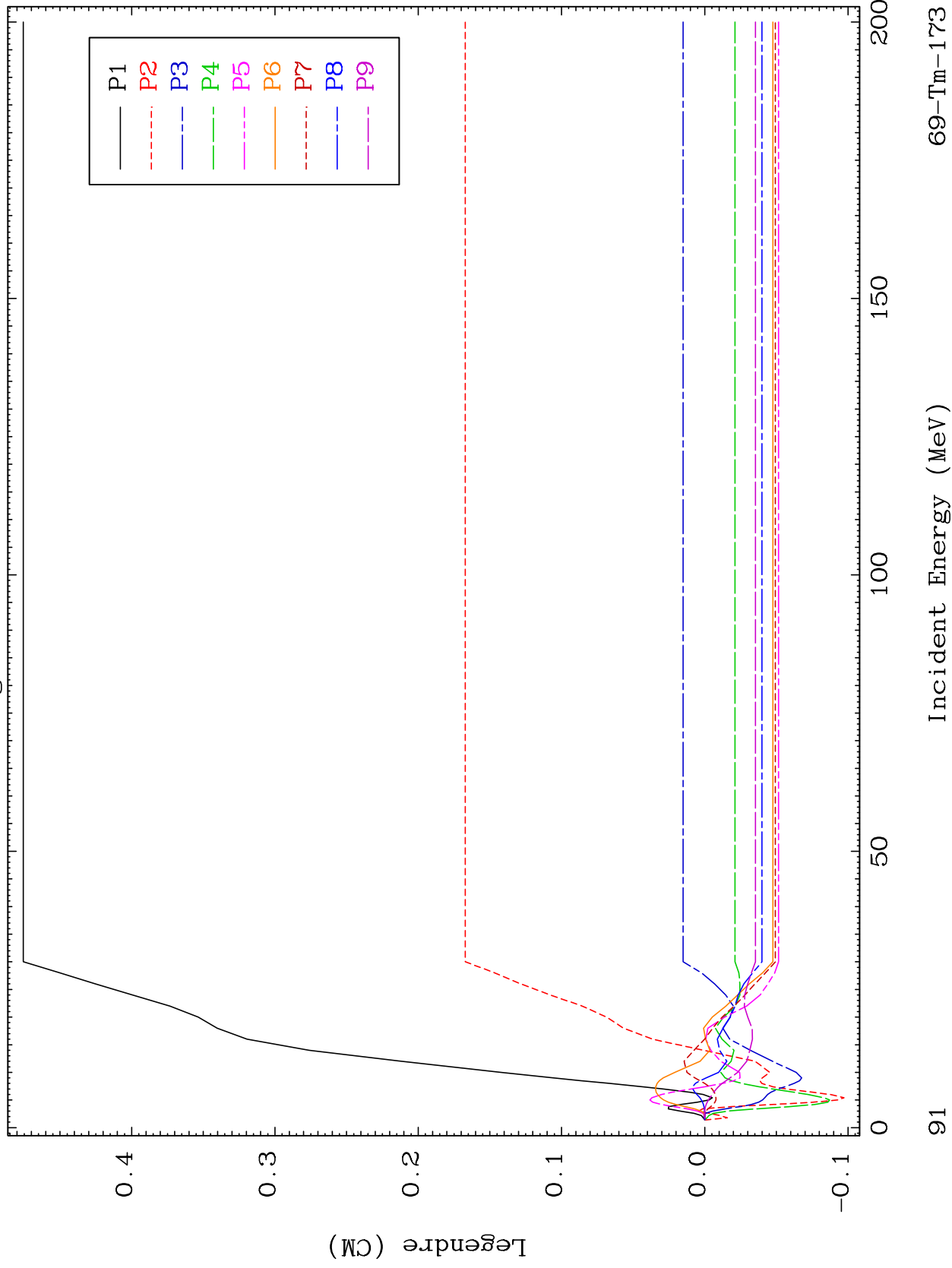
69-Tm-173



MAT 6937

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

69-Tm-173



69-Tm-173

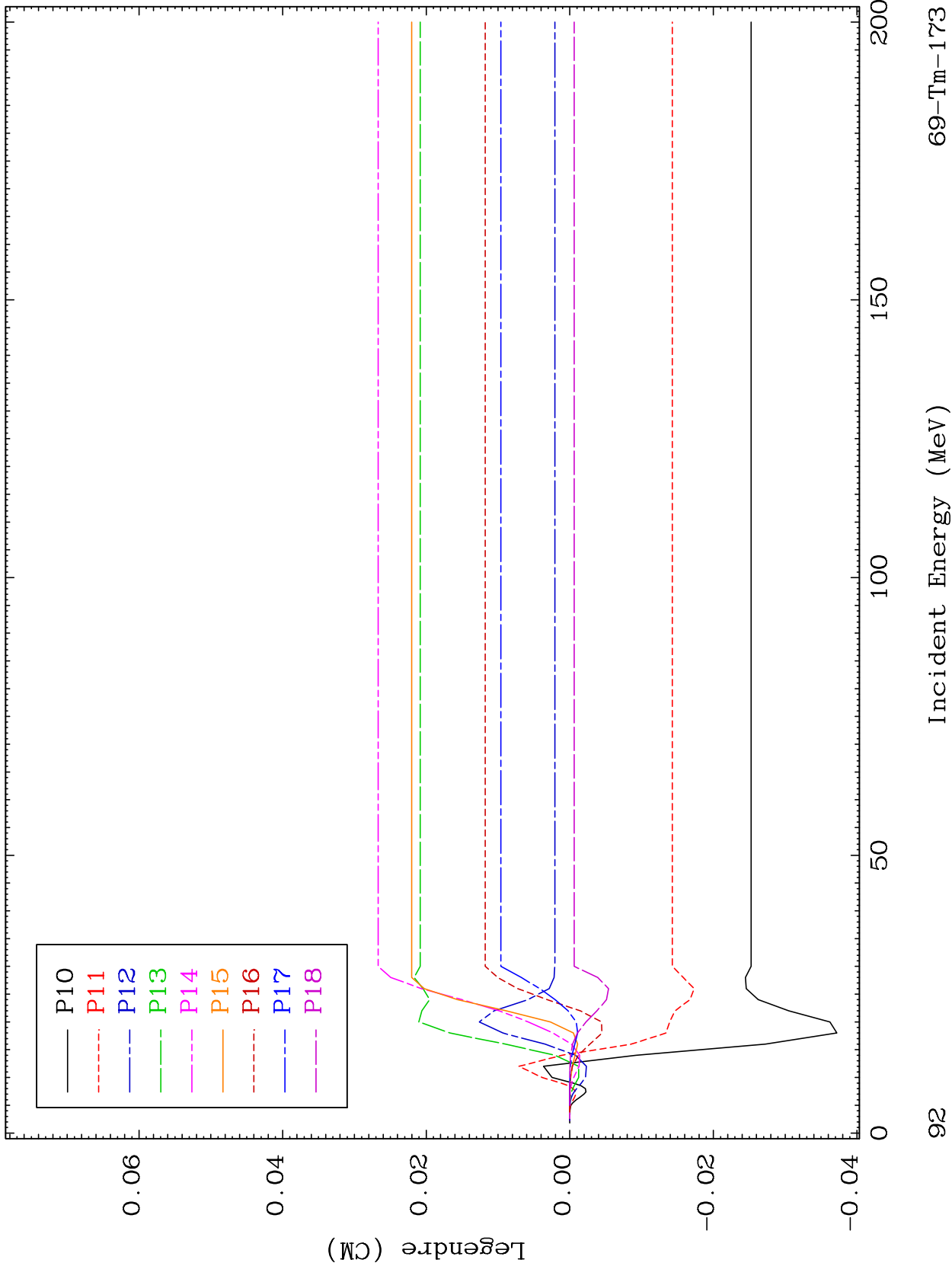
Incident Energy (MeV)

91

MAT 6937

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

69-Tm-173



92

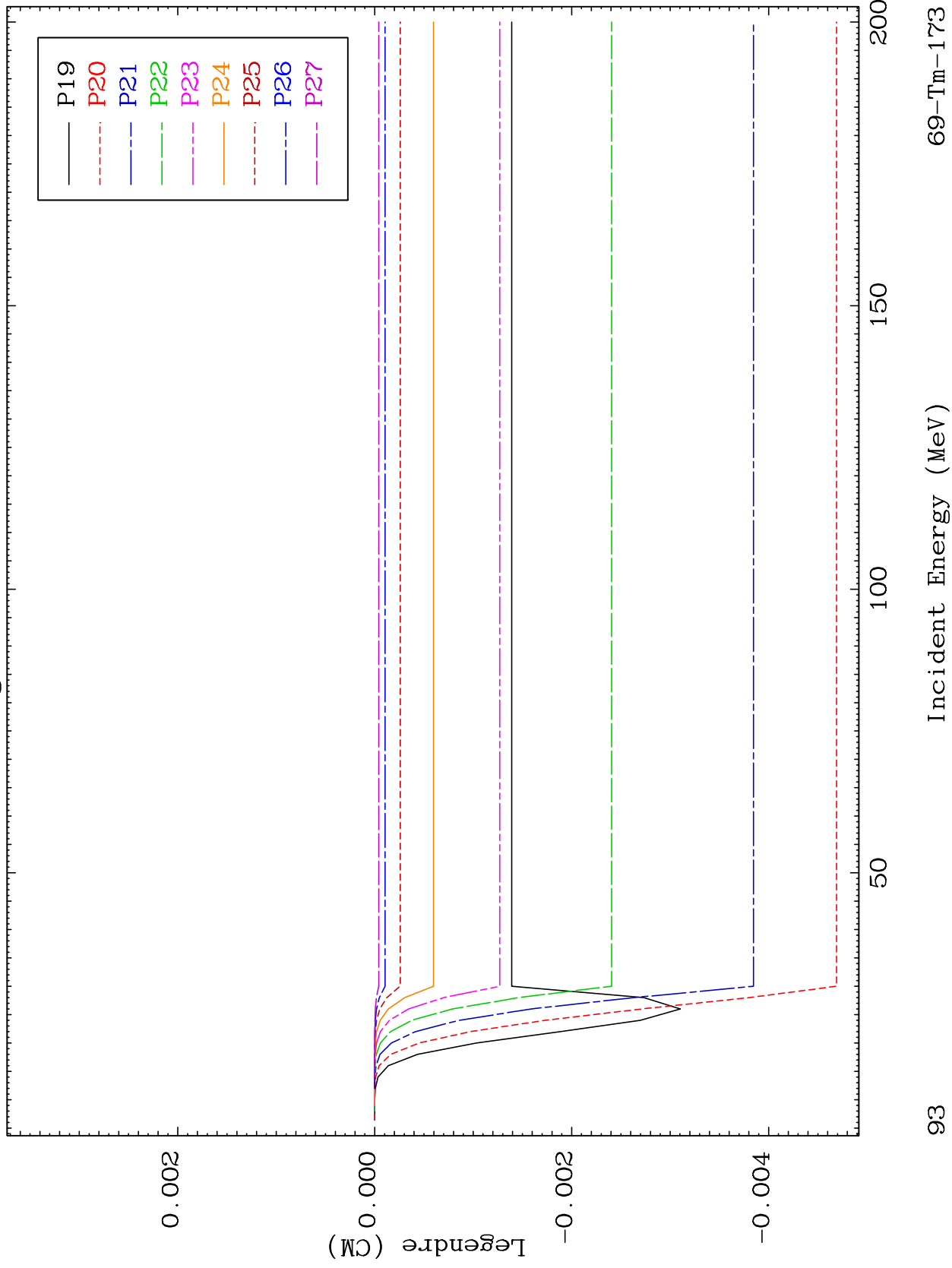
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

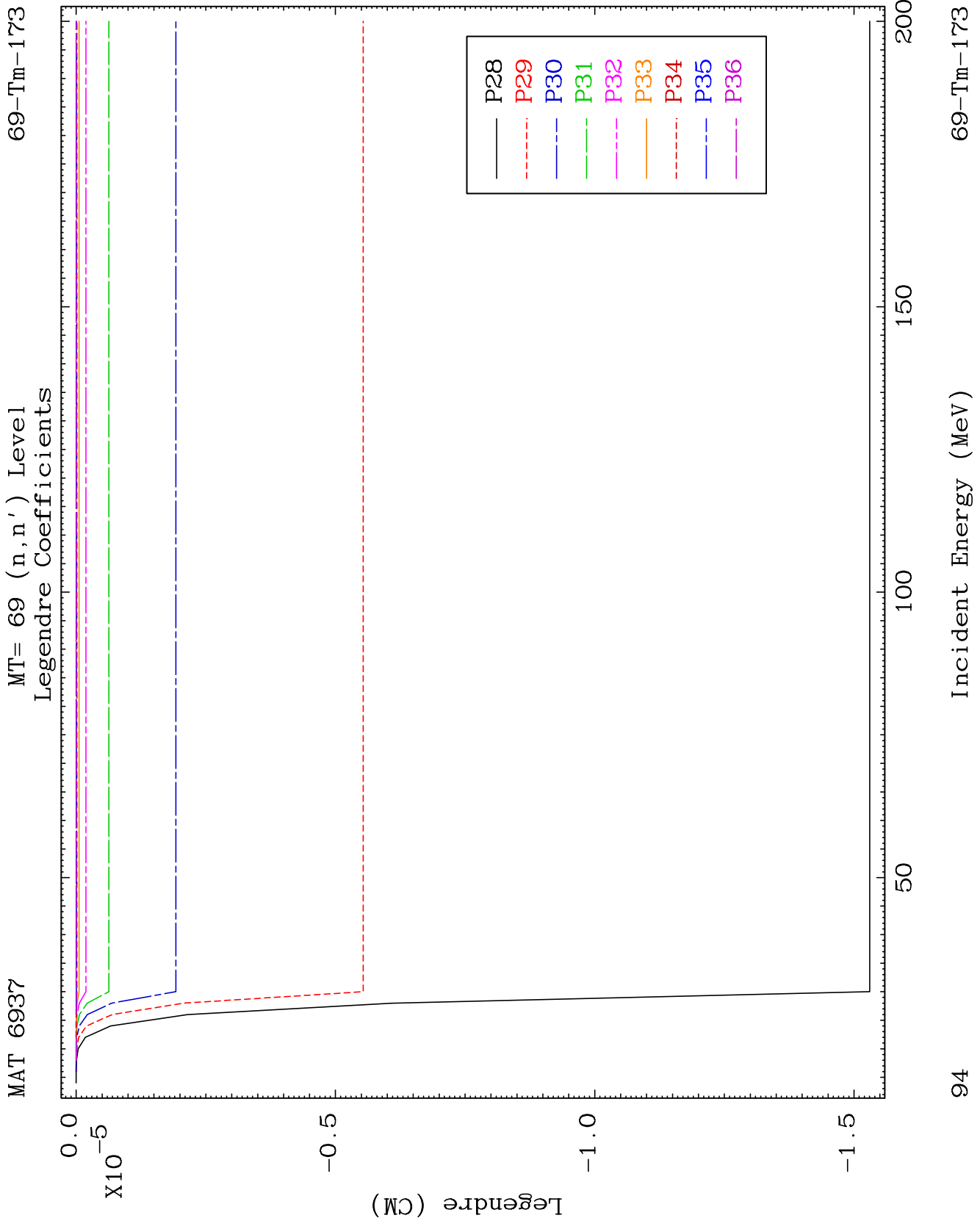
69-Tm-173



93

Incident Energy (MeV)

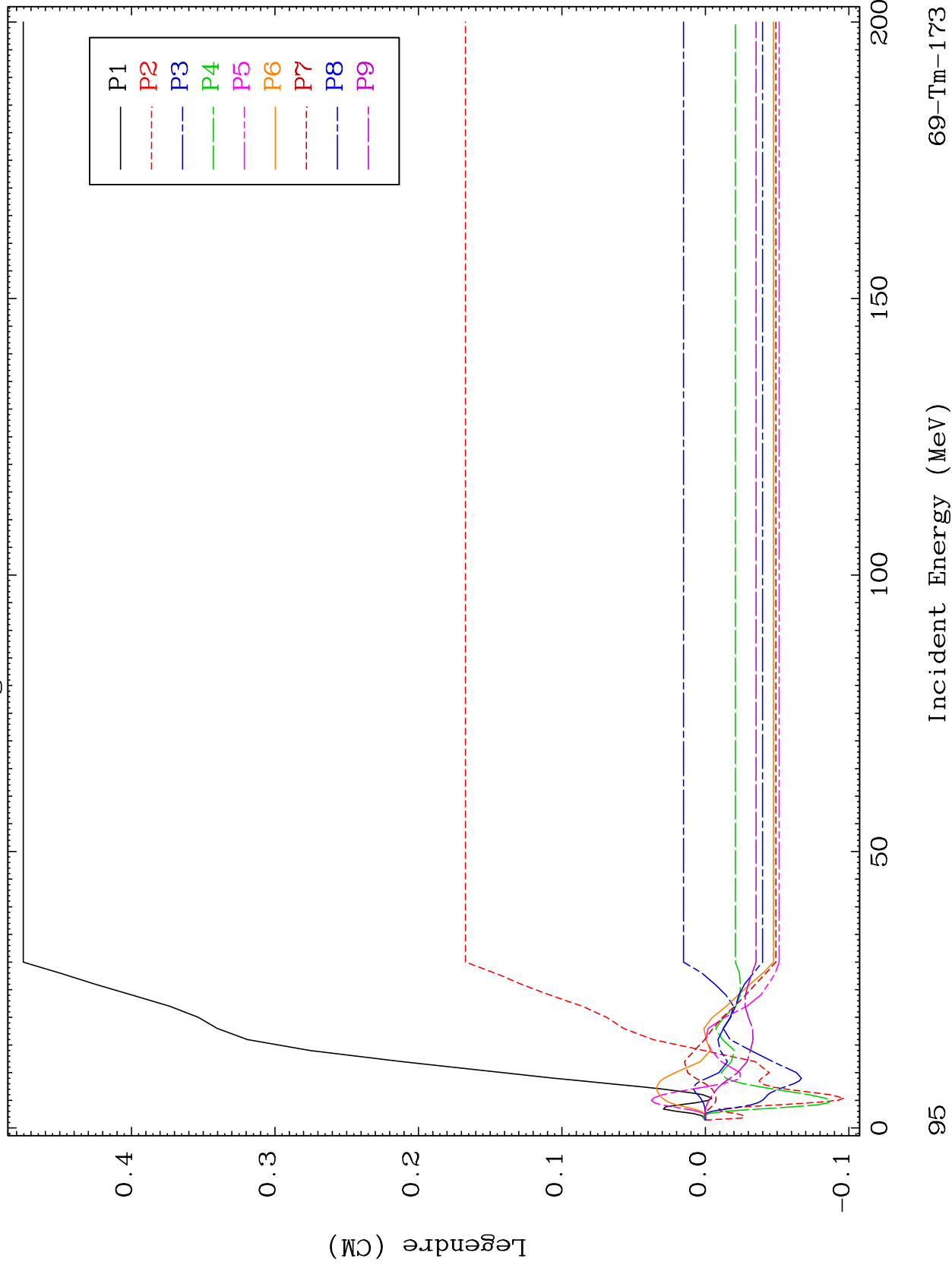
69-Tm-173



MAT 6937

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

69-Tm-173



69-Tm-173

Incident Energy (MeV)

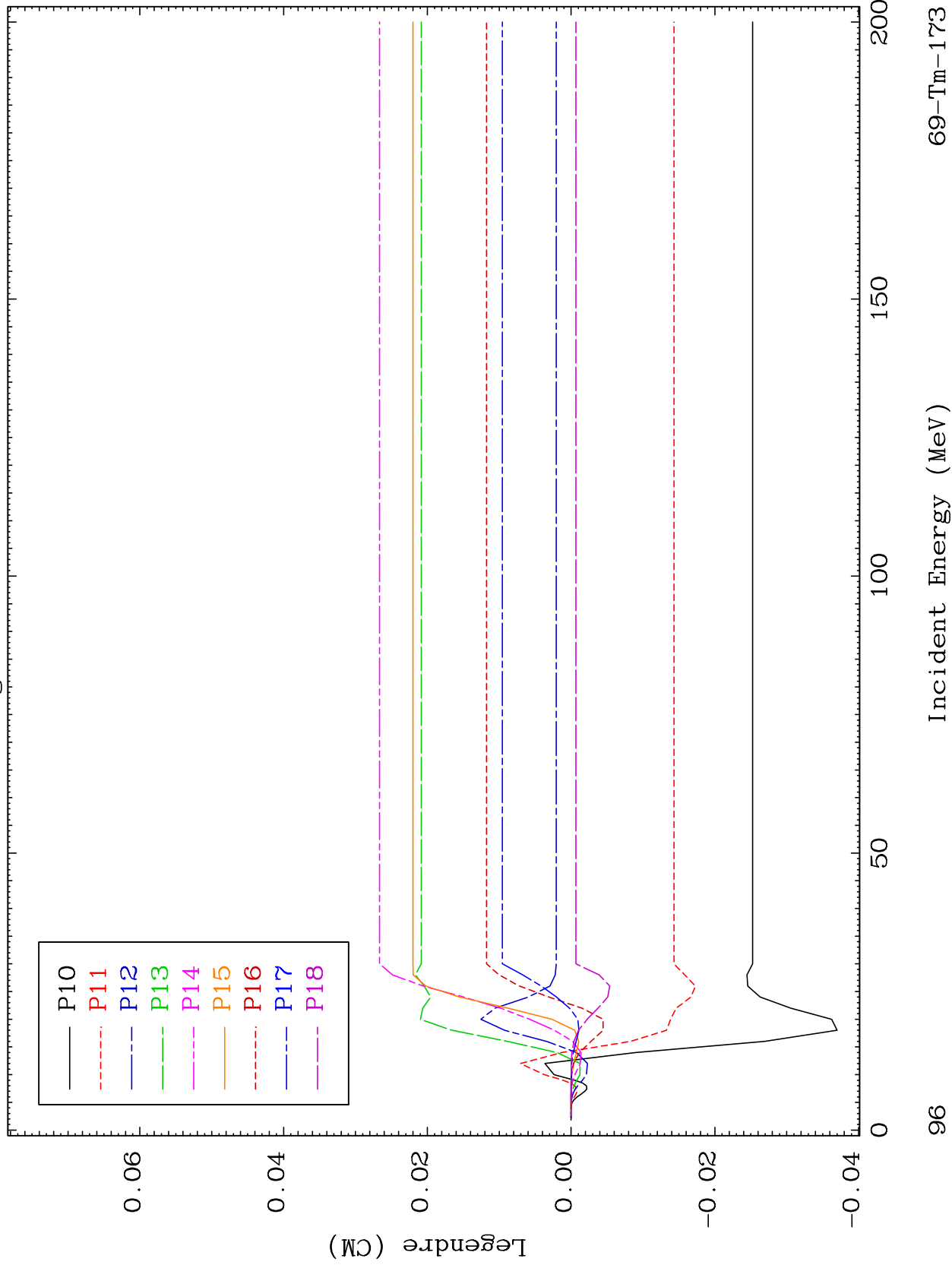
95



MAT 6937

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

69-Tm-173



96

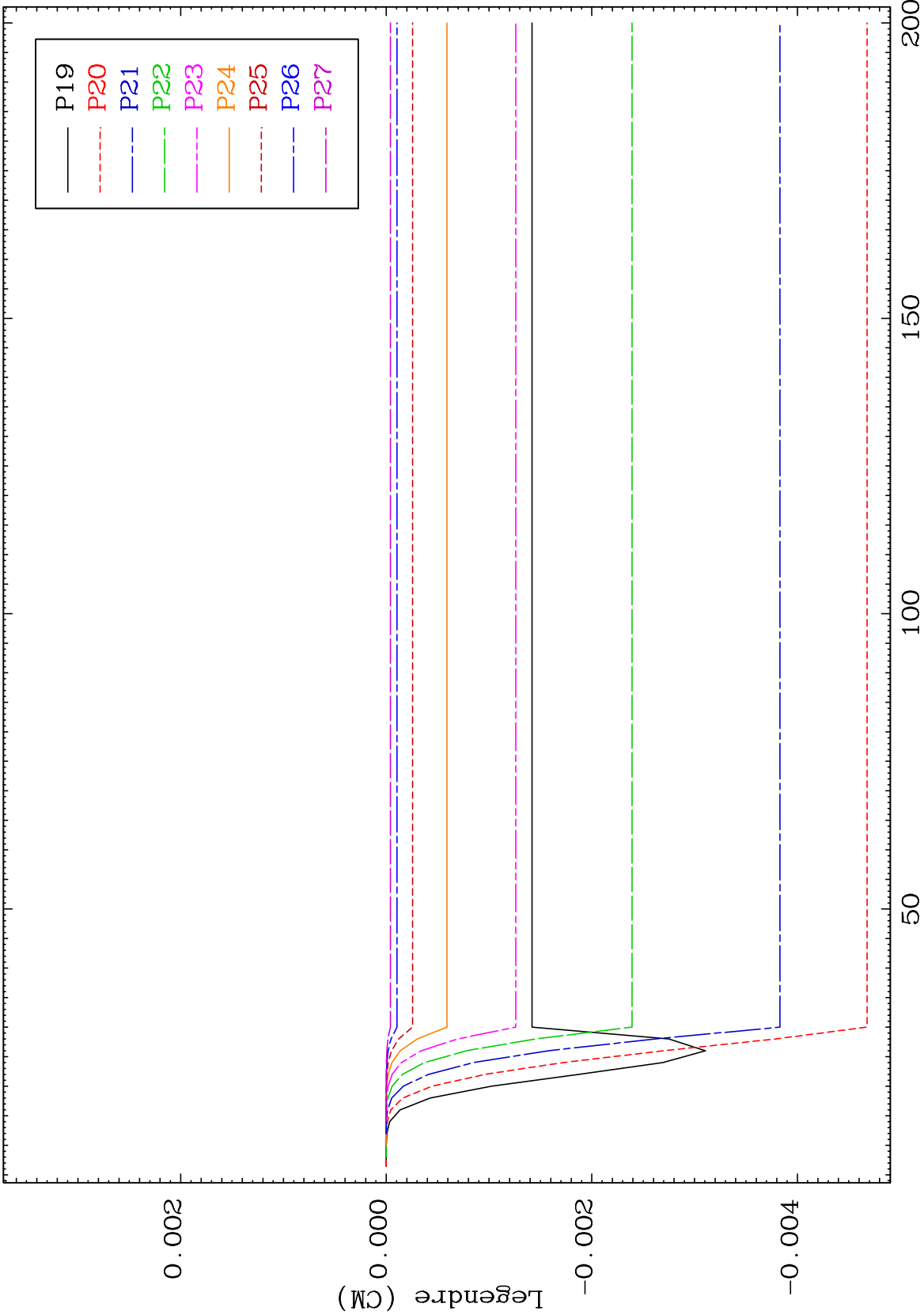
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

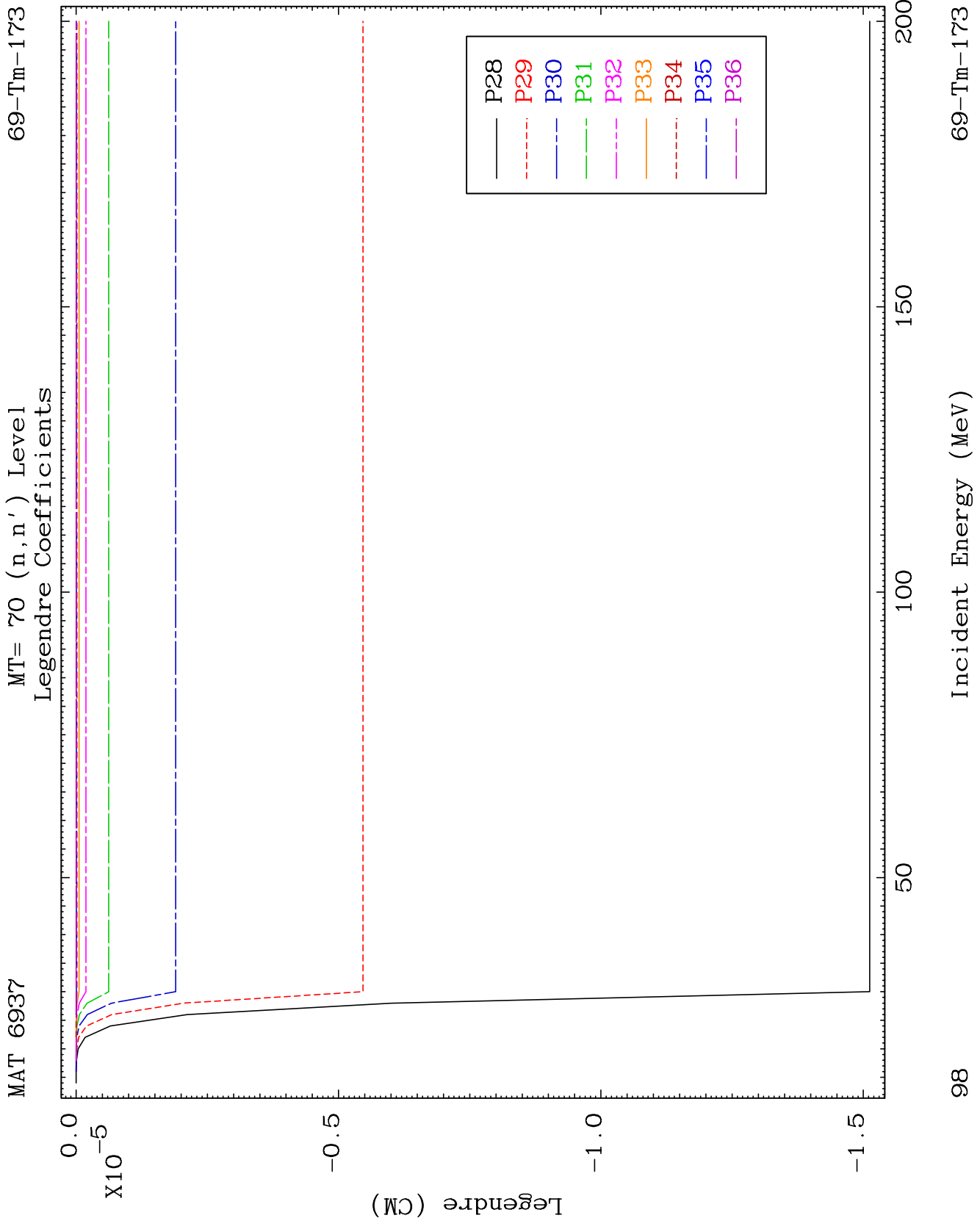
69-Tm-173



97

Incident Energy (MeV)

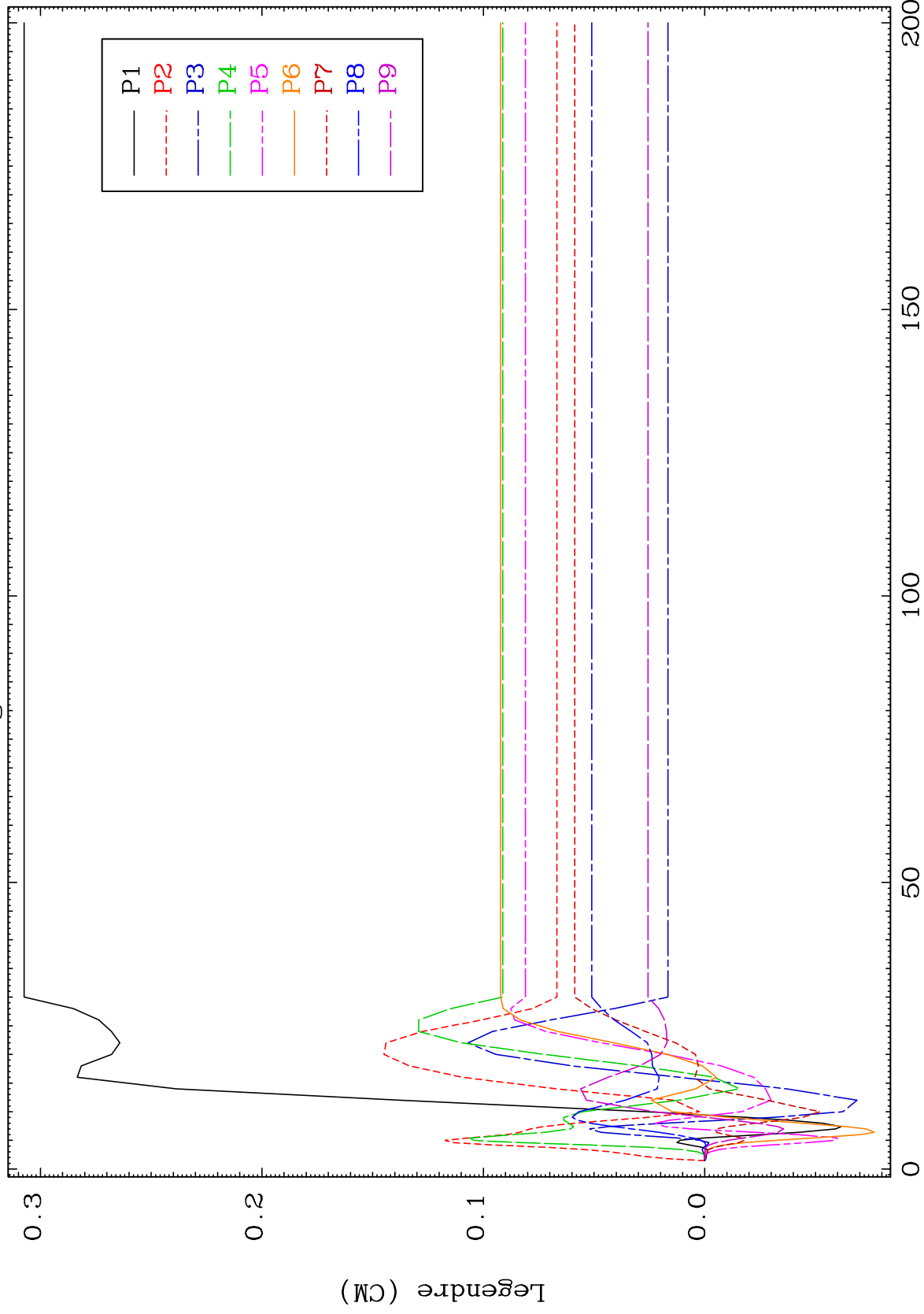
69-Tm-173



MAT 6937

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

69-Tm-173



99

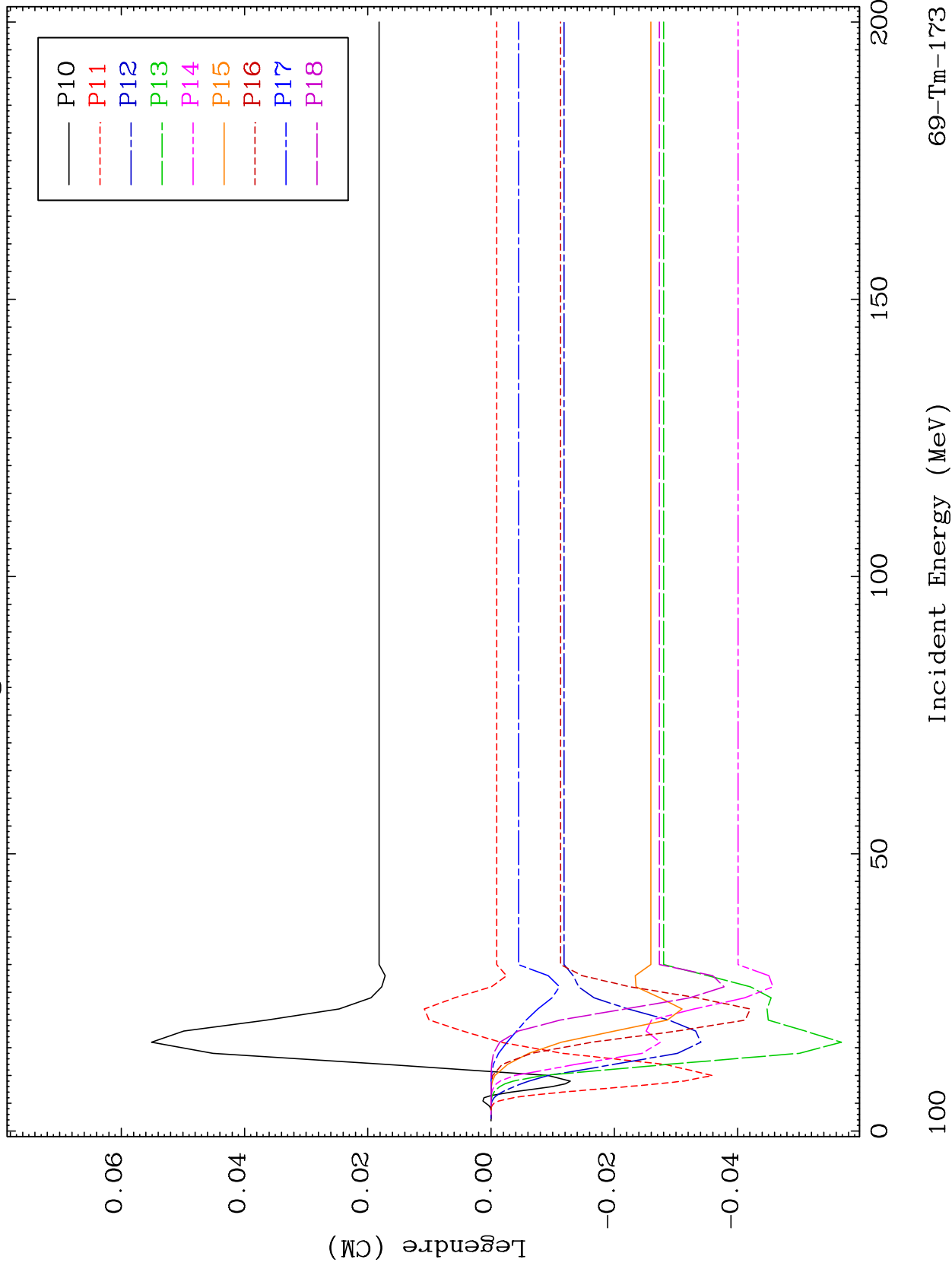
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

69-Tm-173



69-Tm-173

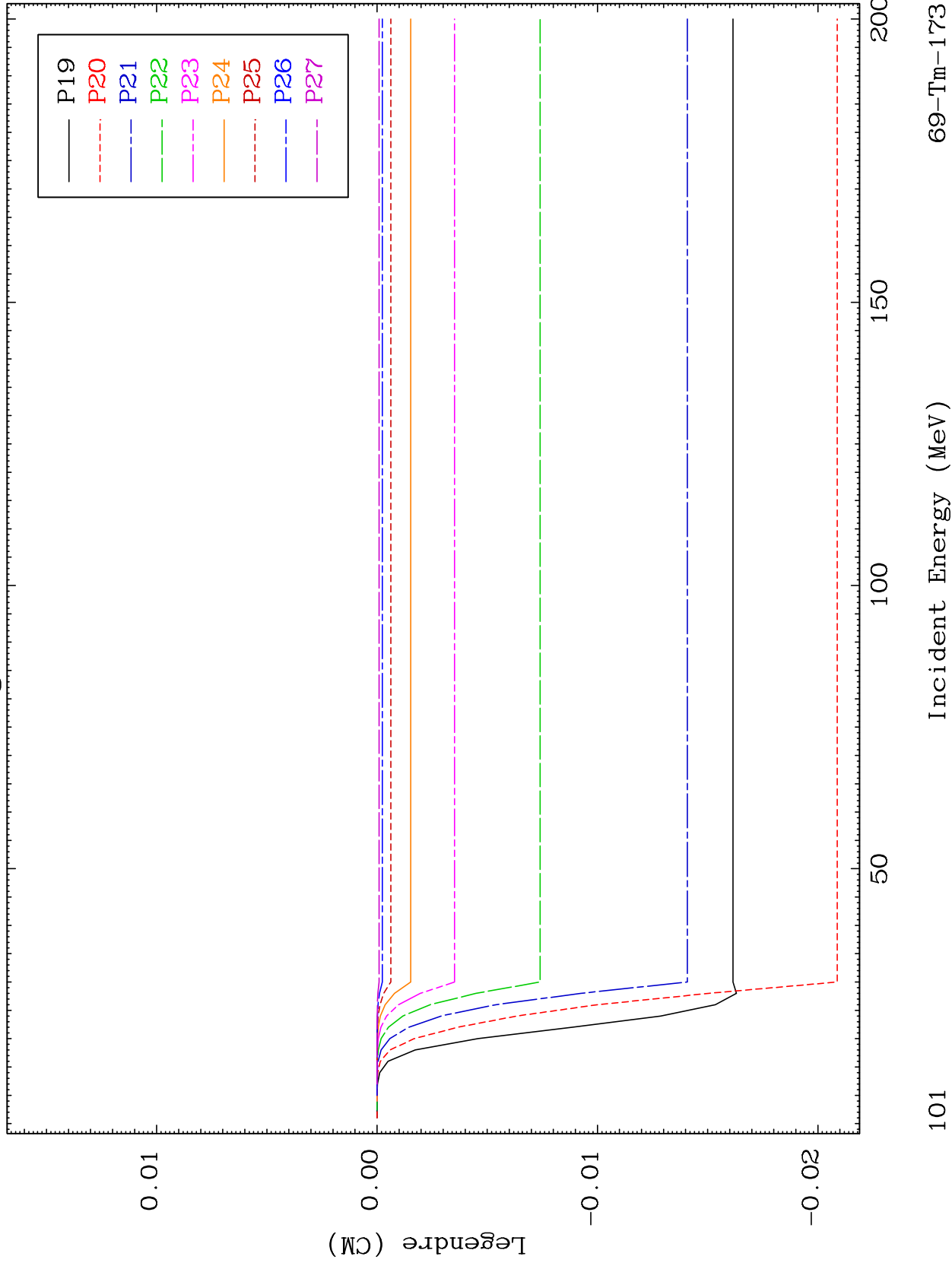
Incident Energy (MeV)

100

MAT 6937

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

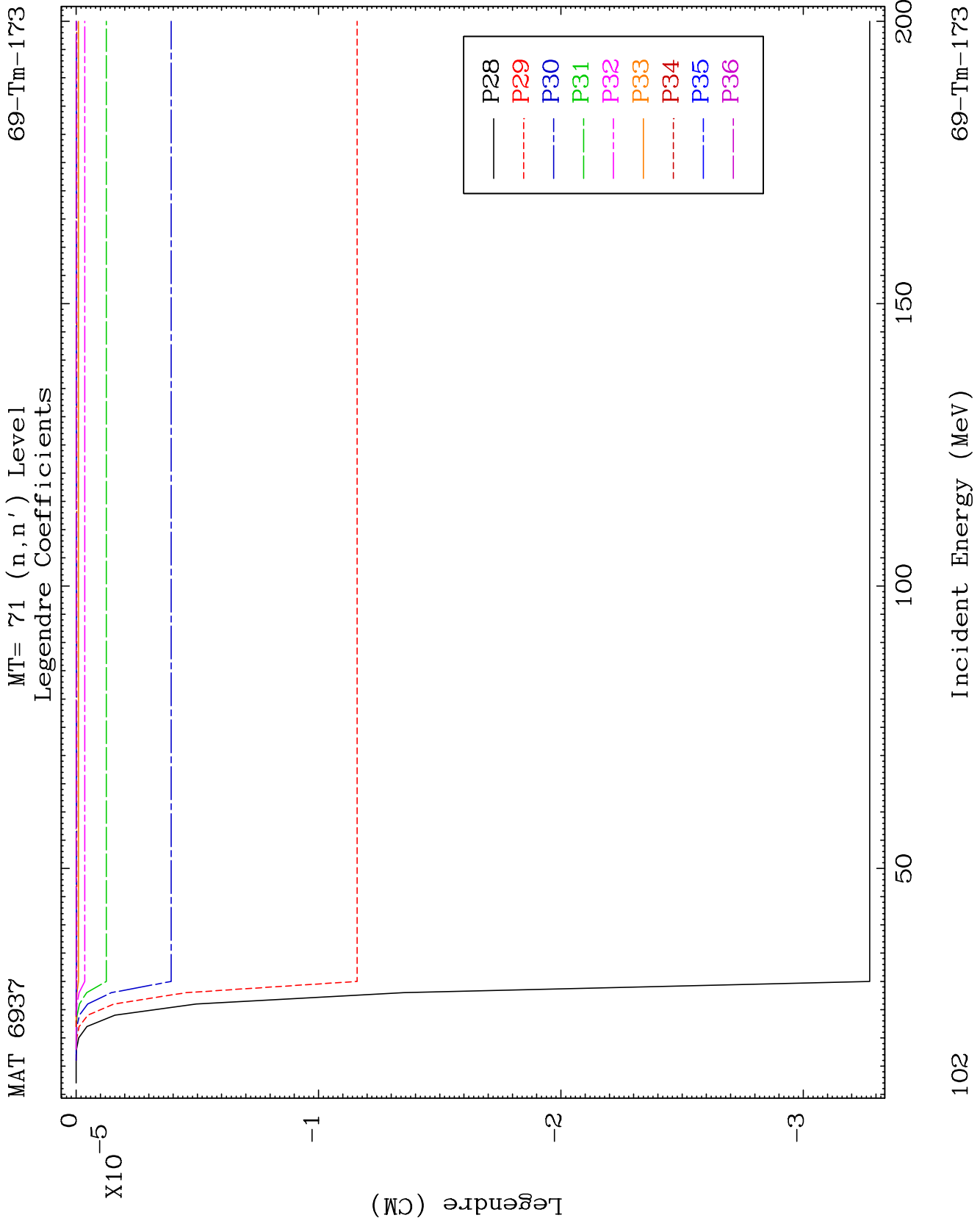
69-Tm-173



101

Incident Energy (MeV)

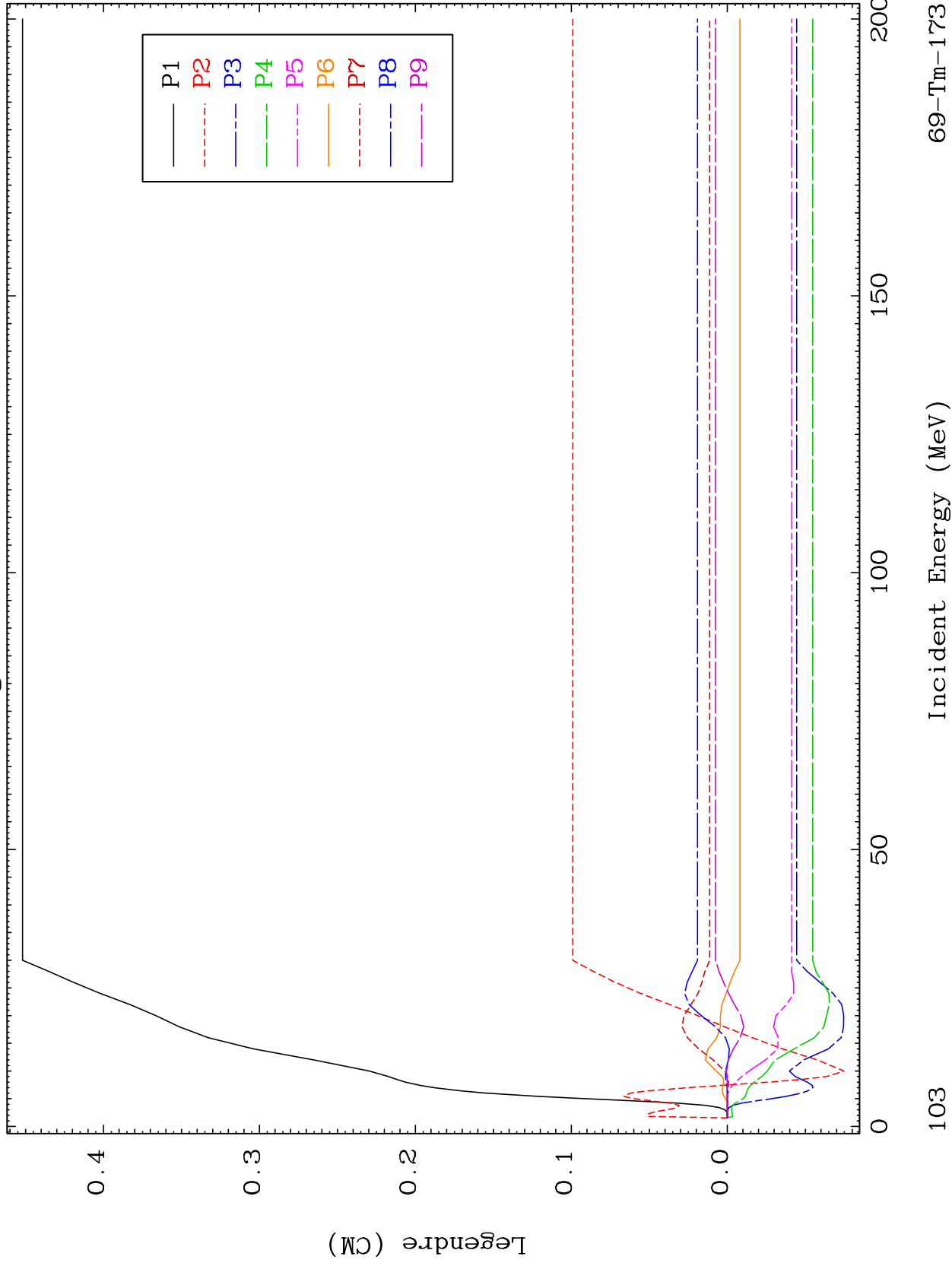
69-Tm-173



MAT 6937

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

69-Tm-173



103

Incident Energy (MeV)

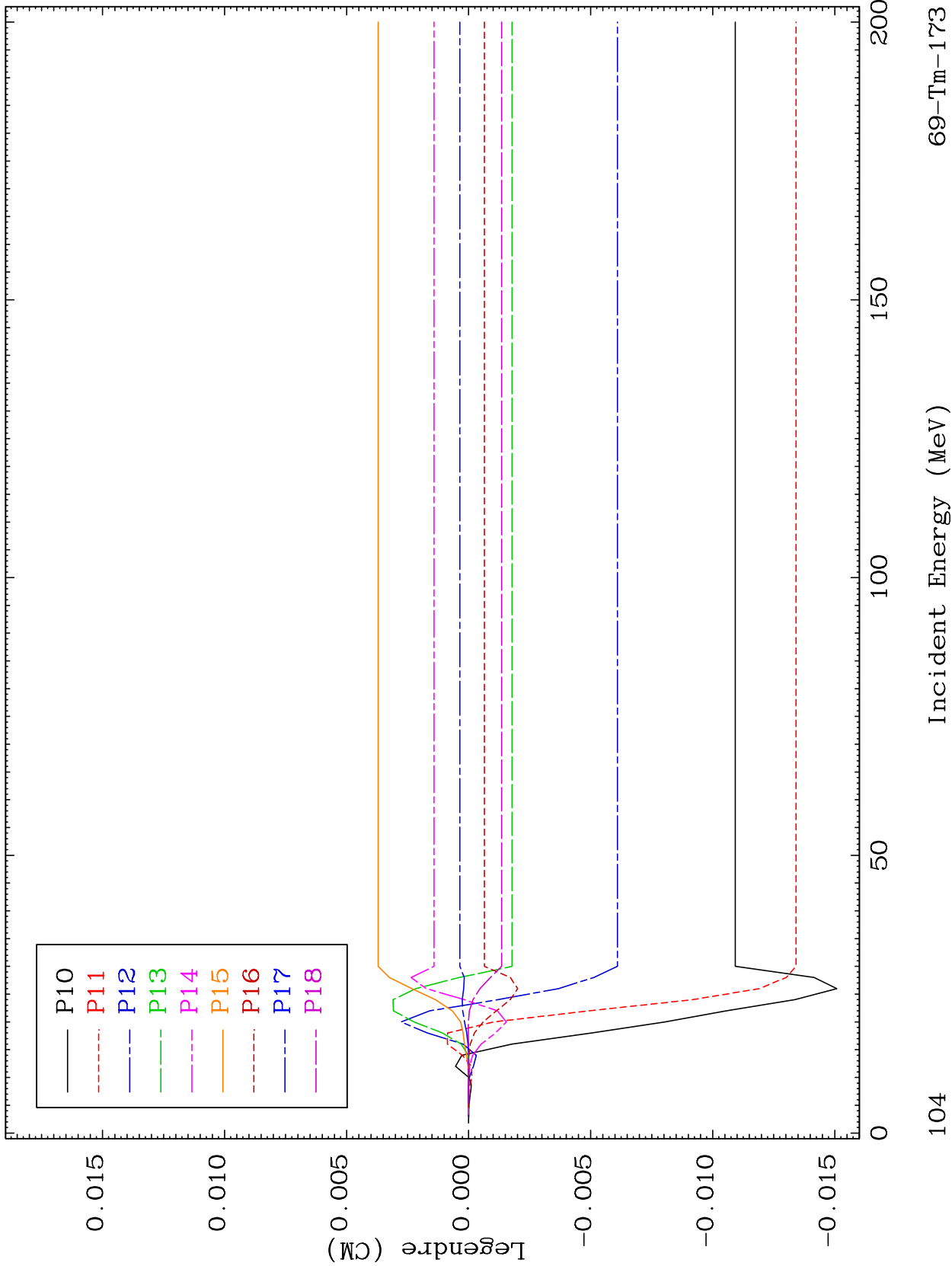
69-Tm-173



MAT 6937

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

69-Tm-173



104

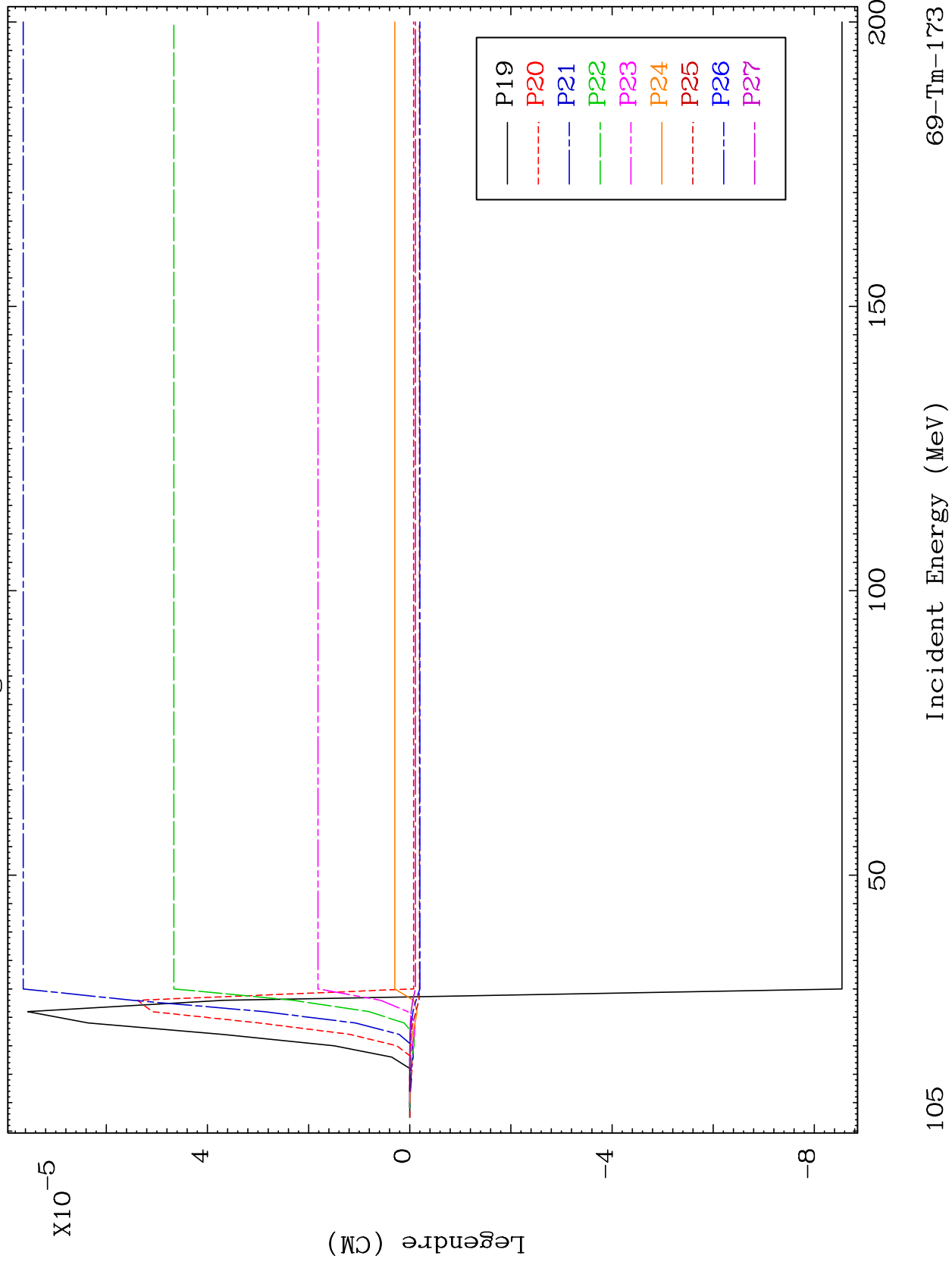
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

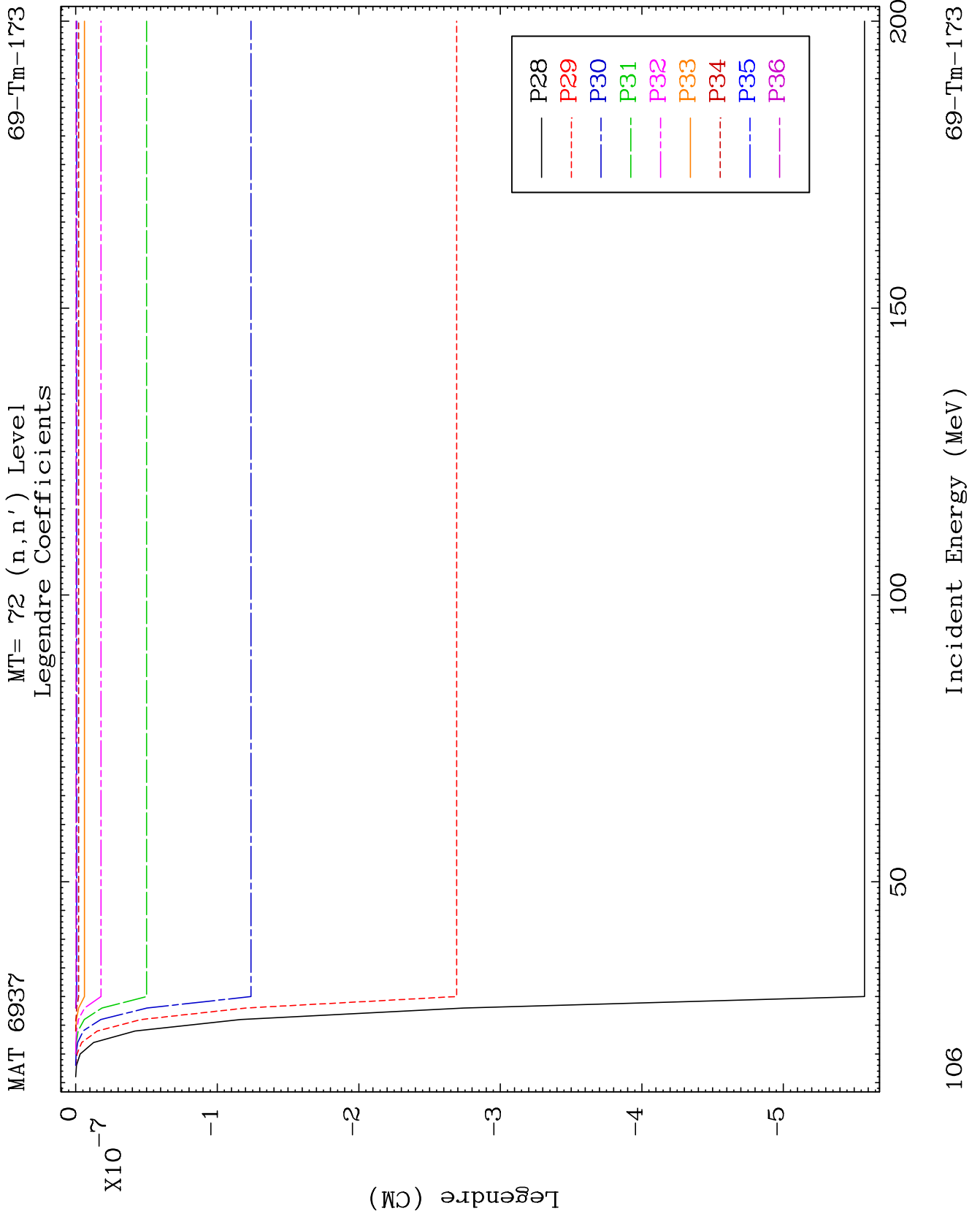
69-Tm-173



105

Incident Energy (MeV)

69-Tm-173

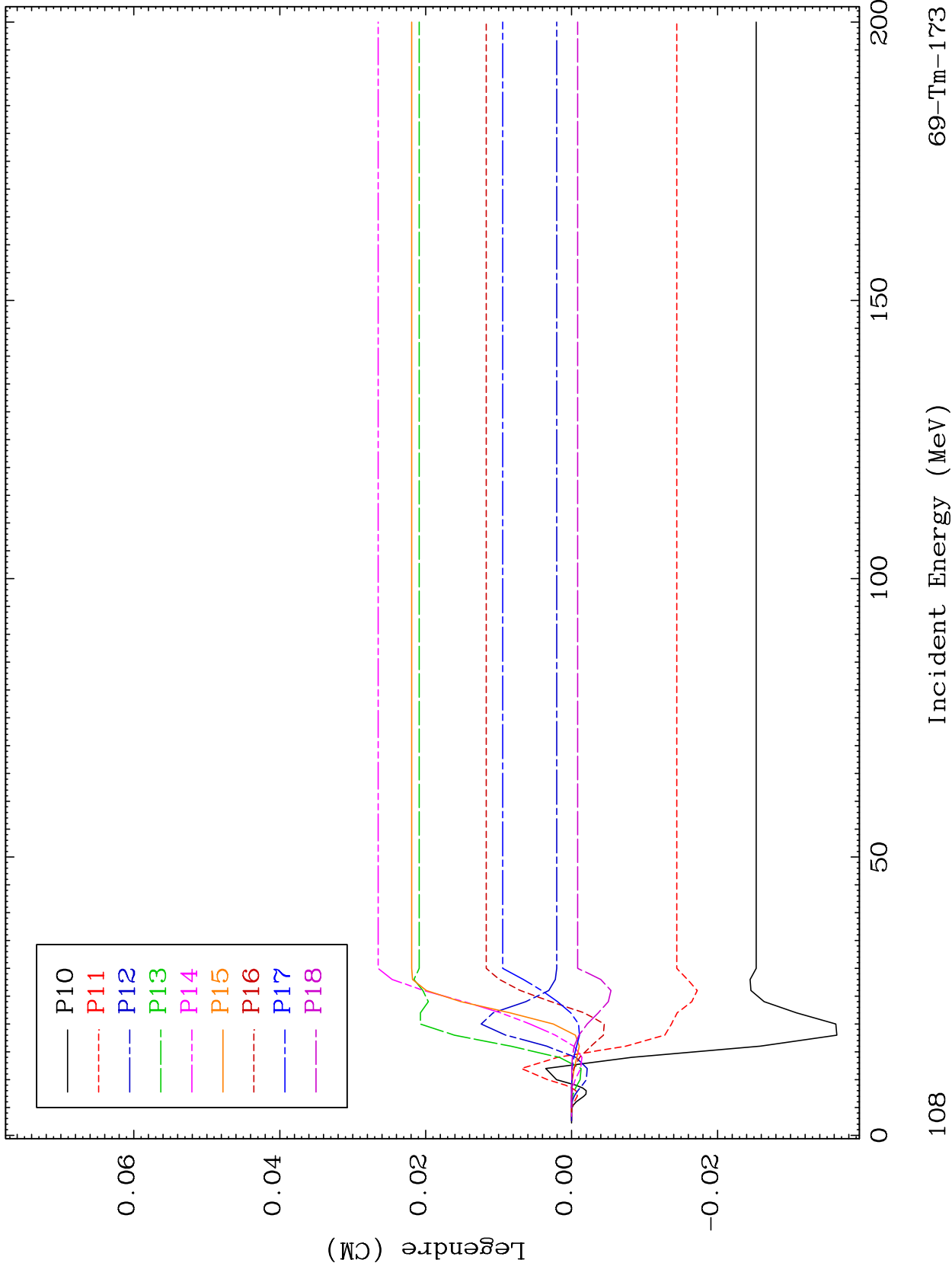




MAT 6937

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

69-Tm-173



108

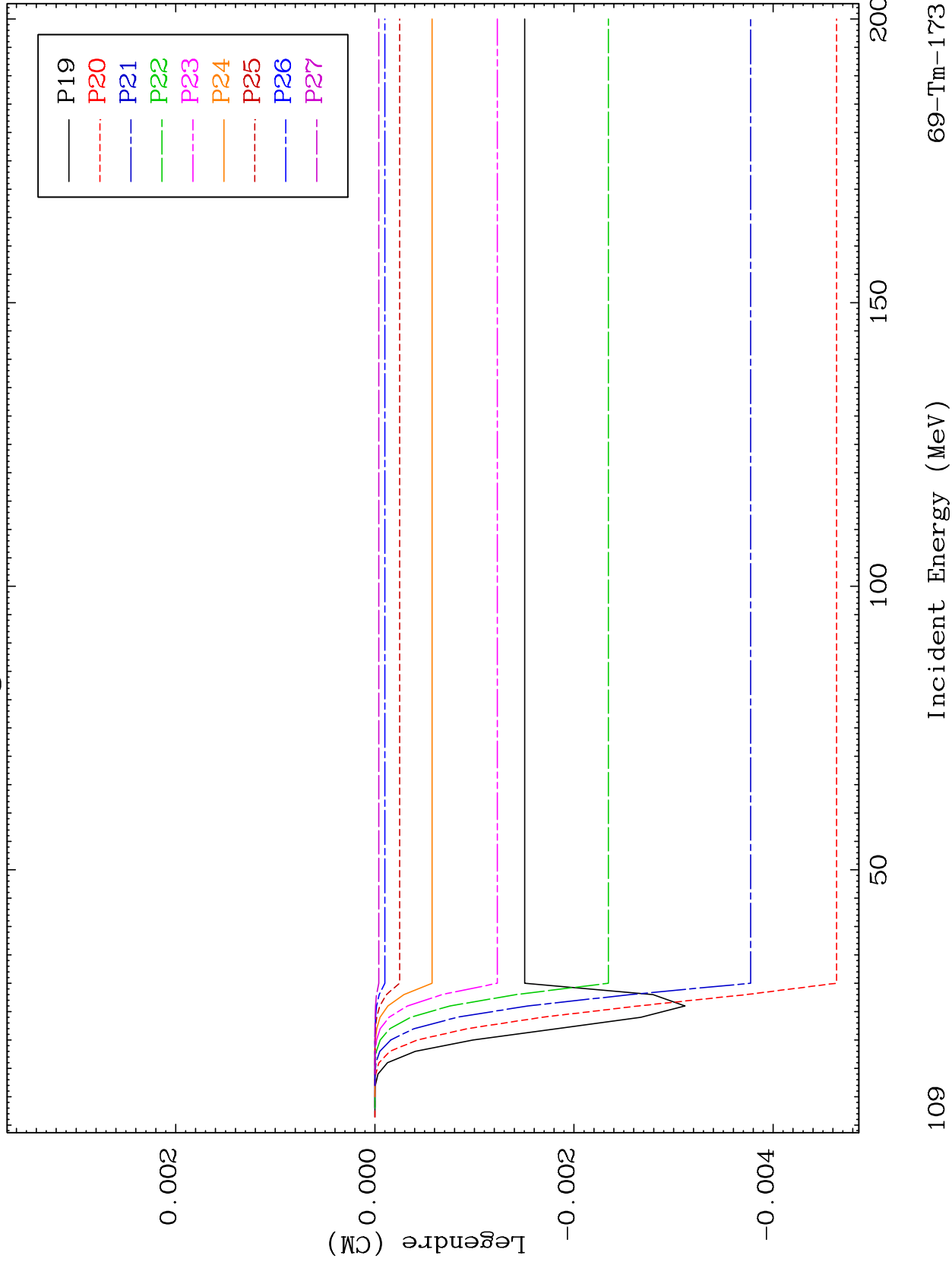
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

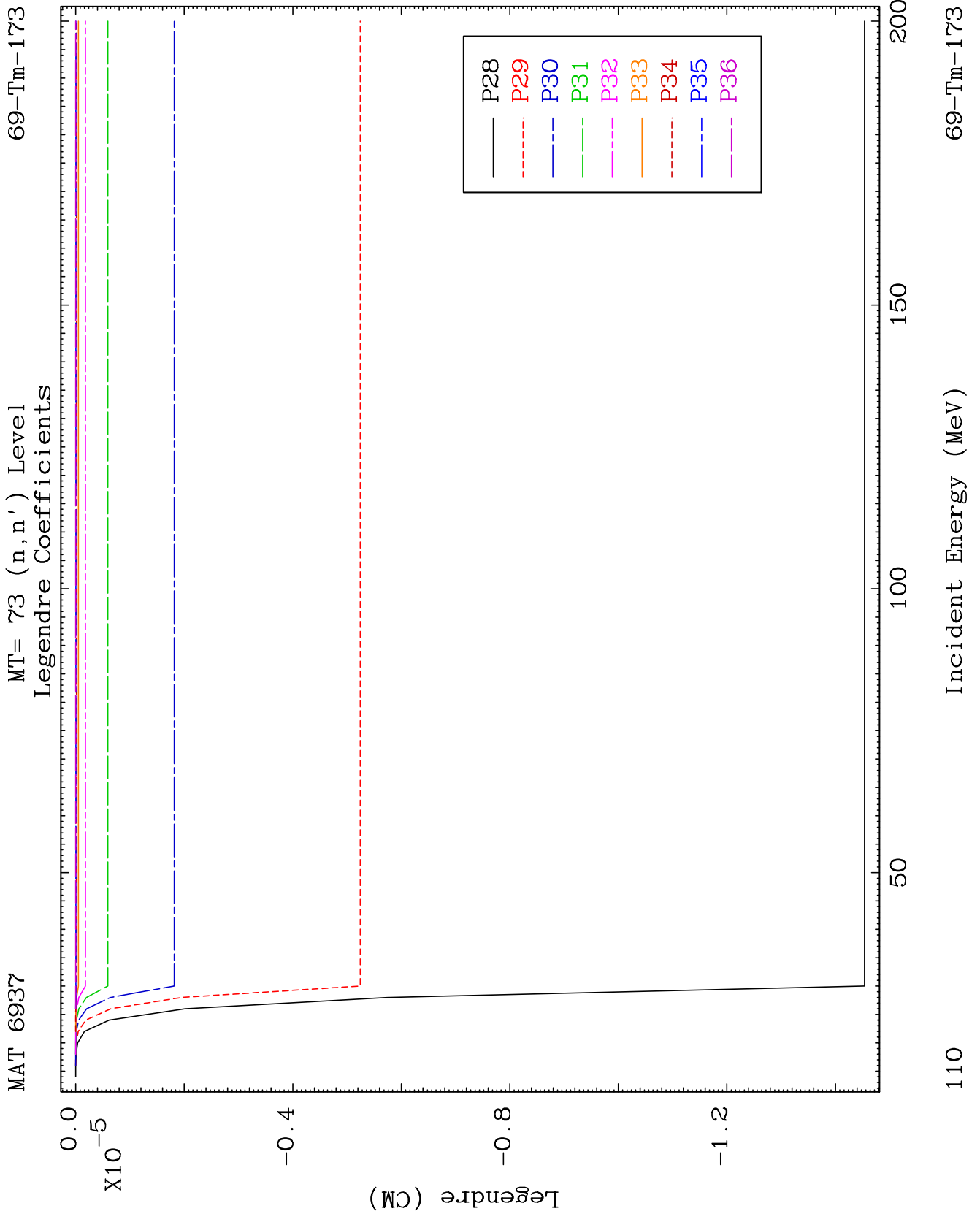
69-Tm-173



109

Incident Energy (MeV)

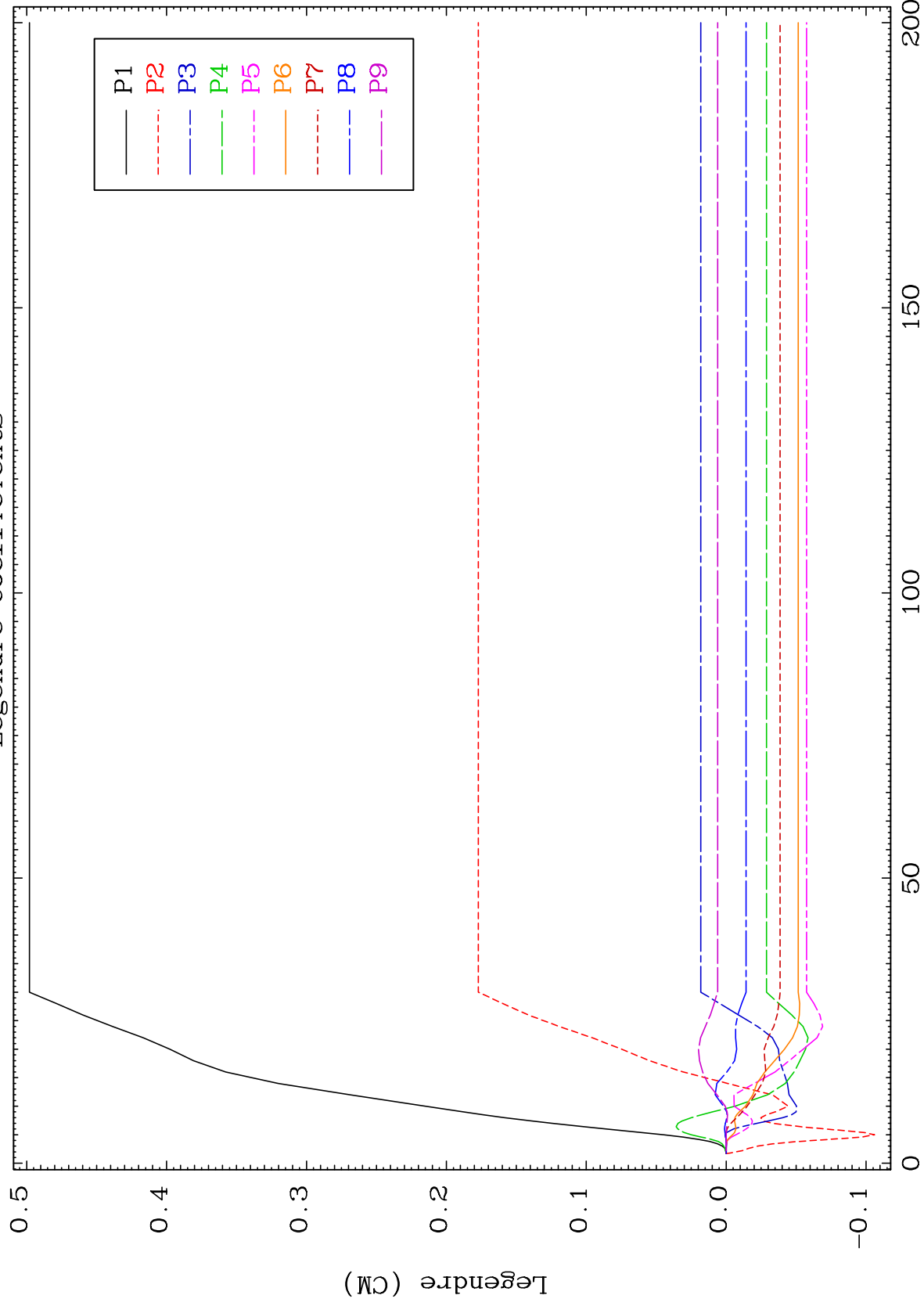
69-Tm-173



MAT 6937

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

69-Tm-173



111

Incident Energy (MeV)

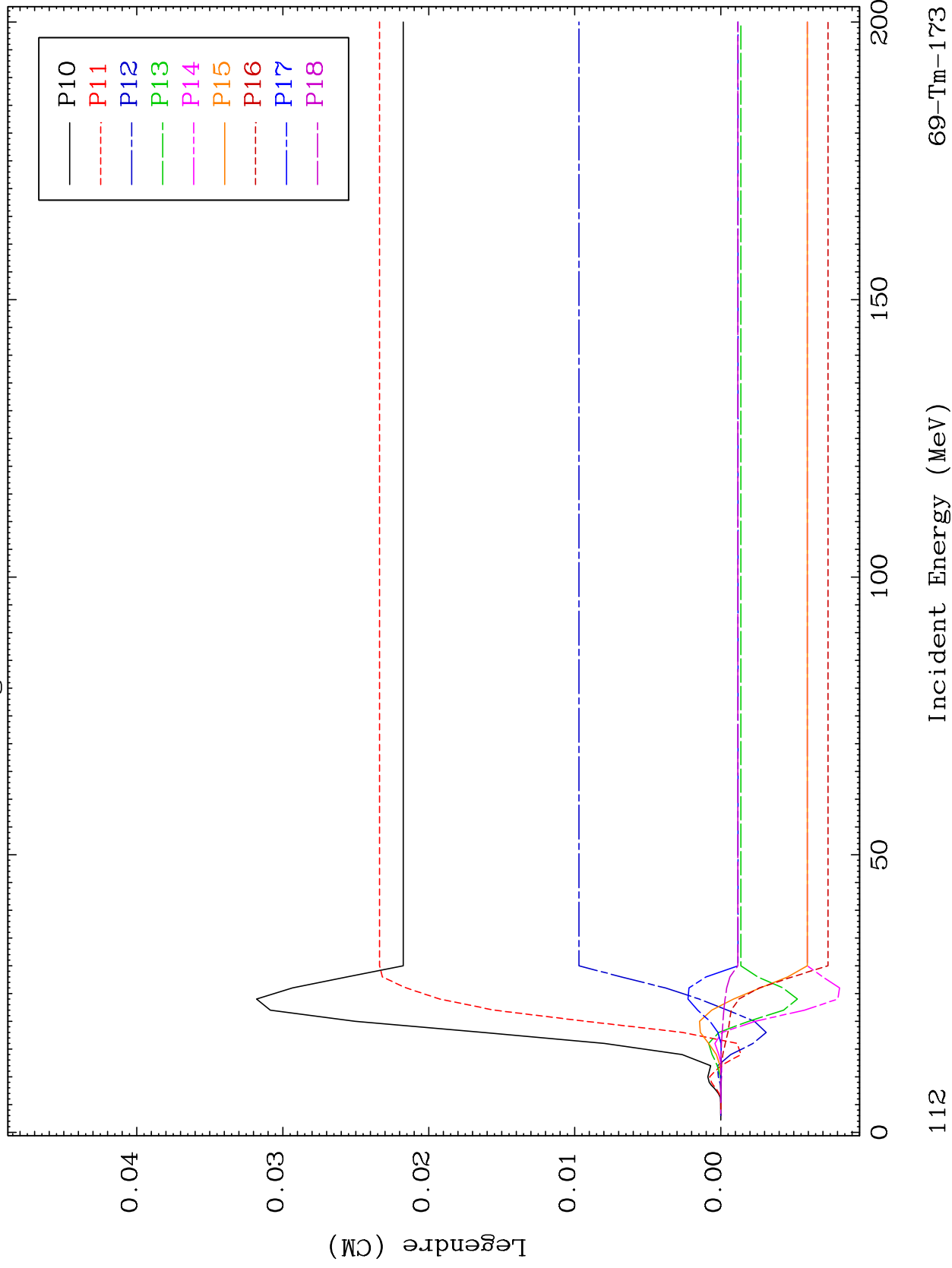
69-Tm-173



MAT 6937

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

69-Tm-173



112

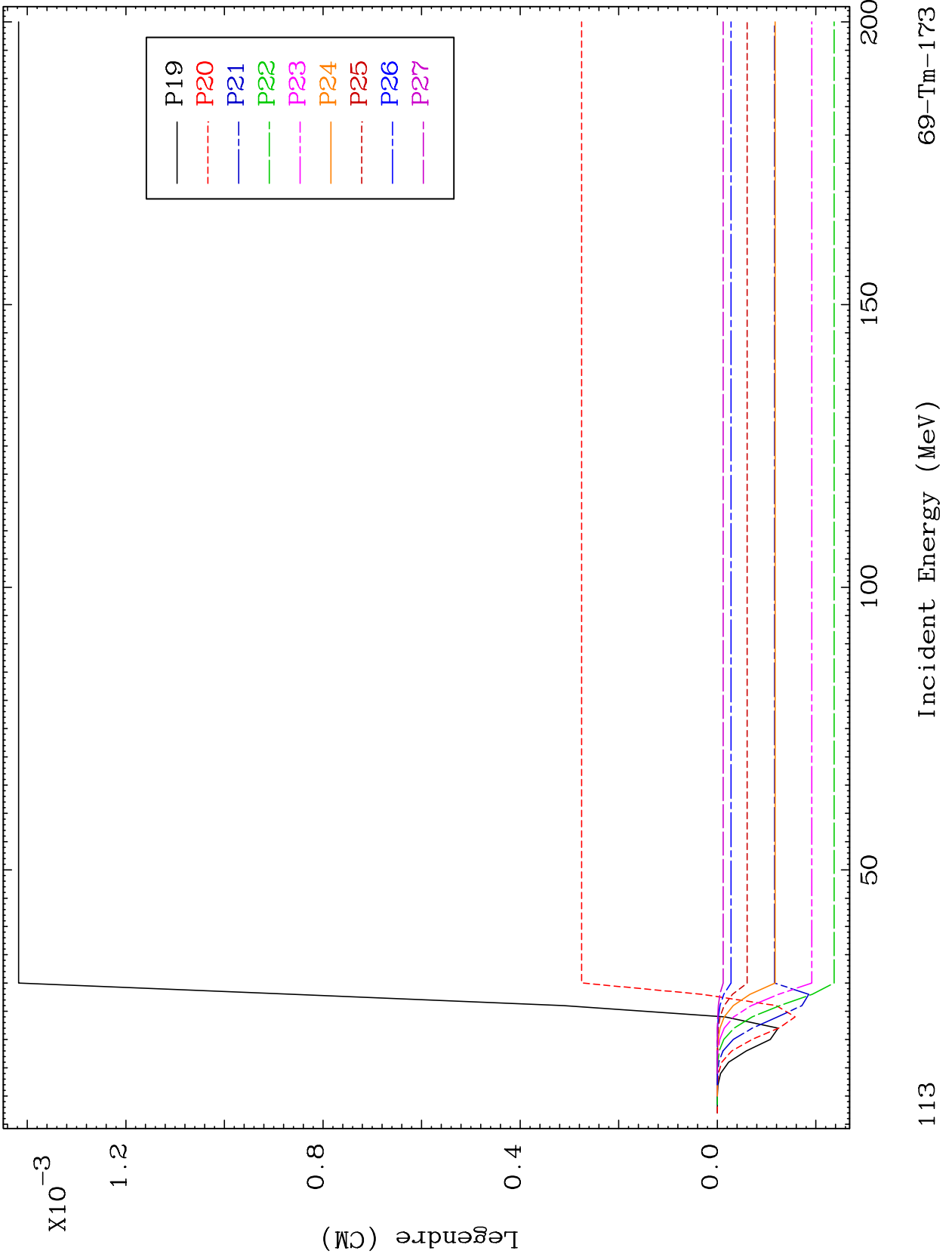
Incident Energy (MeV)

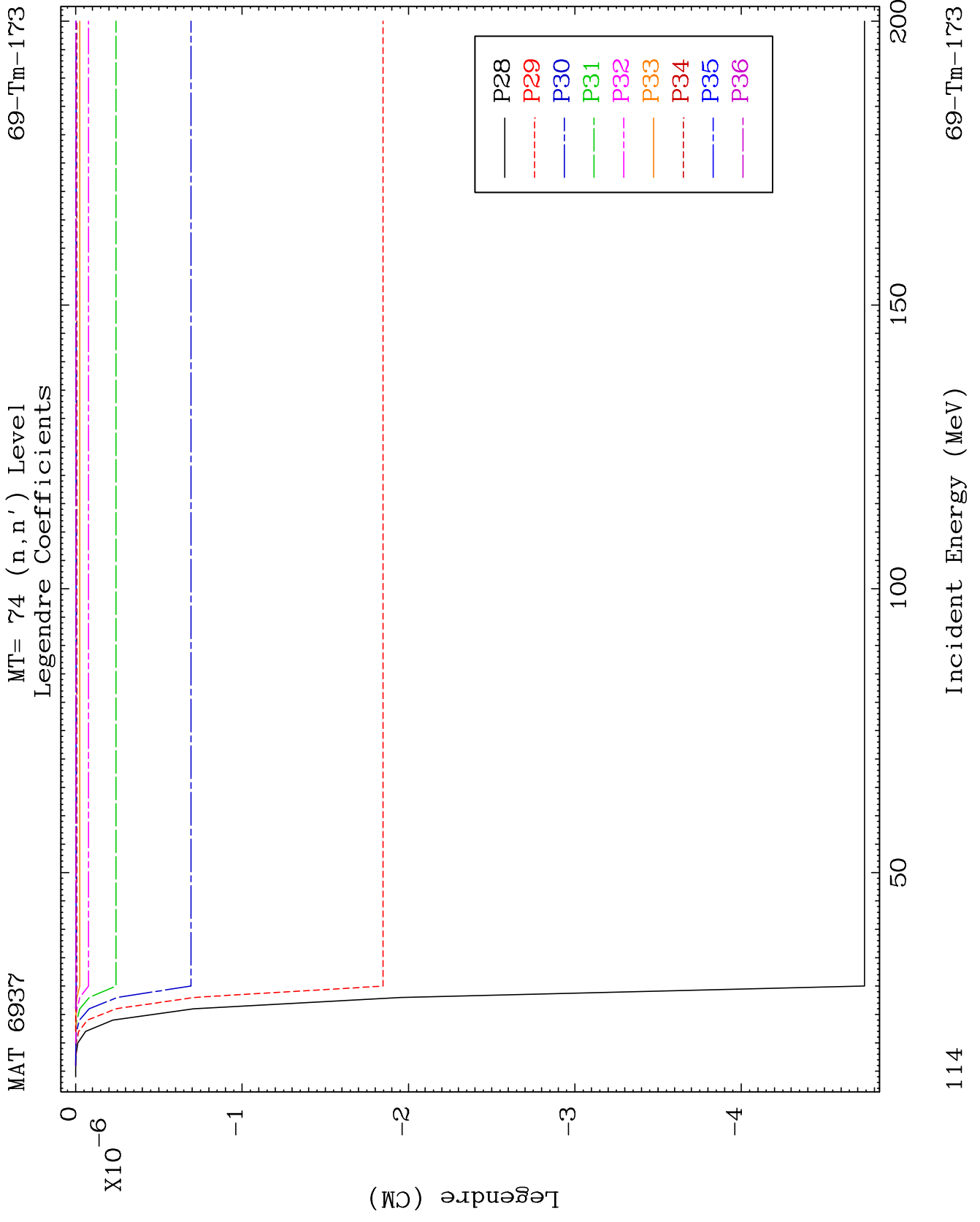
69-Tm-173

MAT 6937

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

69-Tm-173

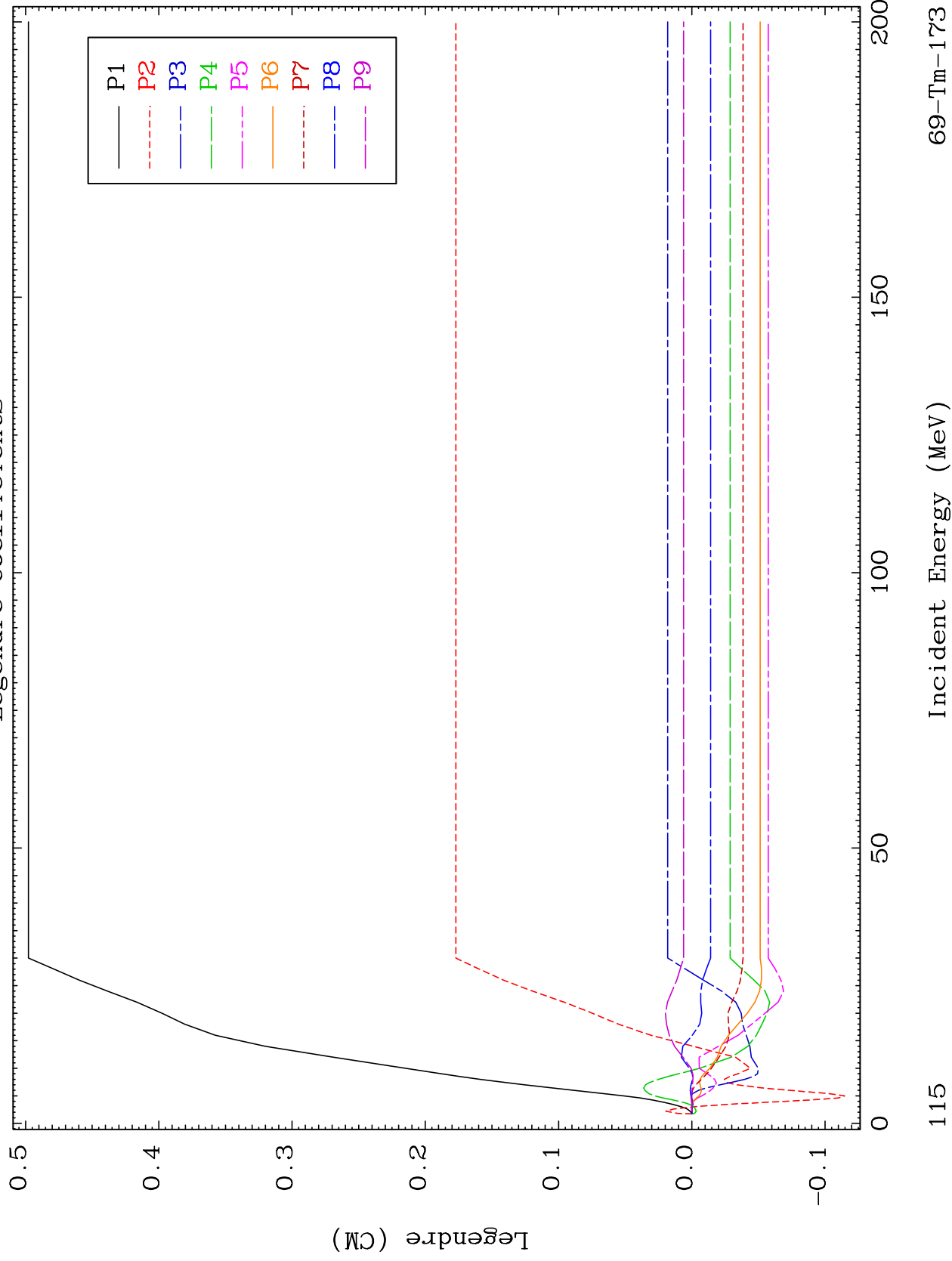




MAT 6937

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

69-Tm-173



69-Tm-173

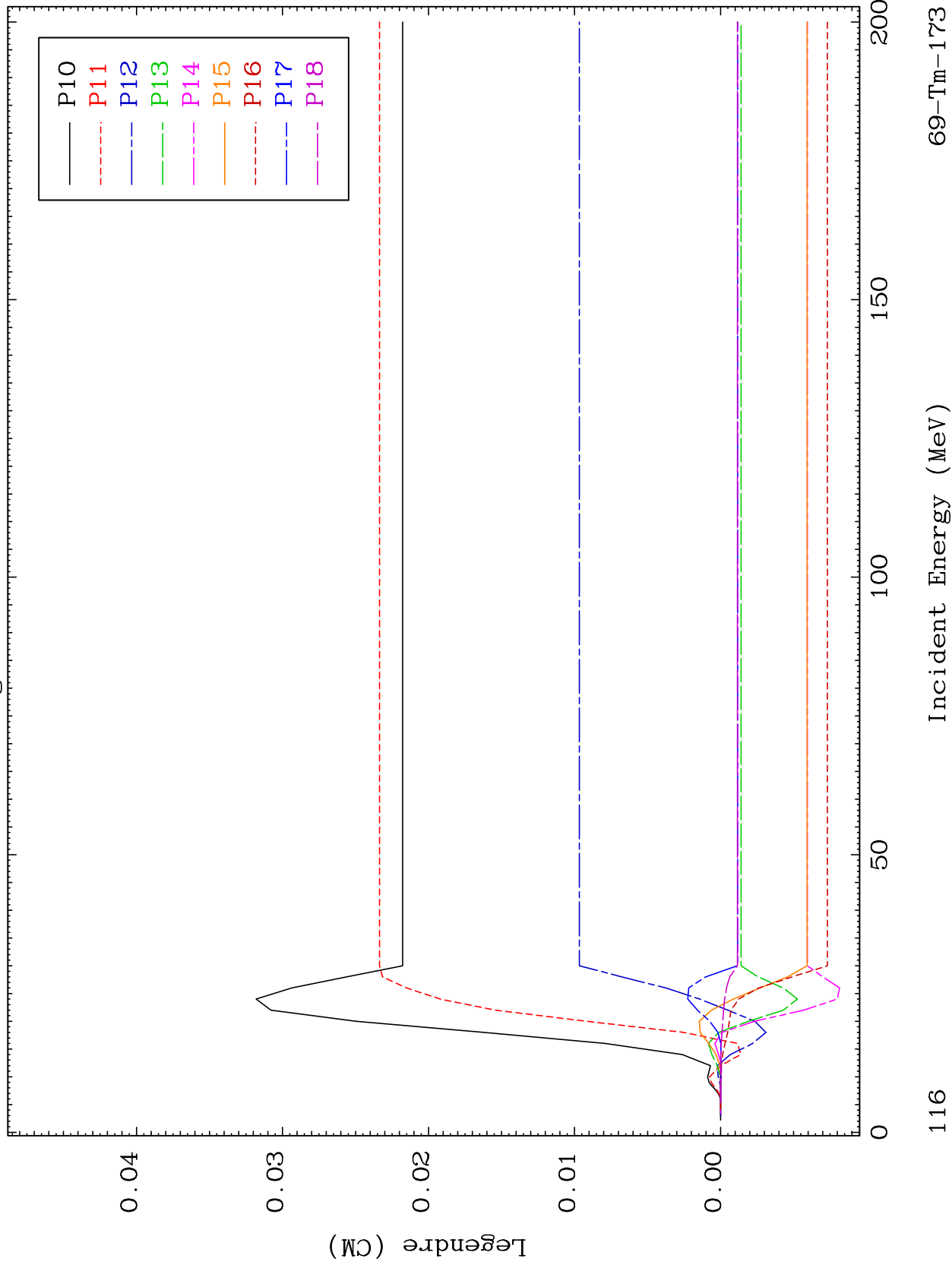
Incident Energy (MeV)

115

MAT 6937

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

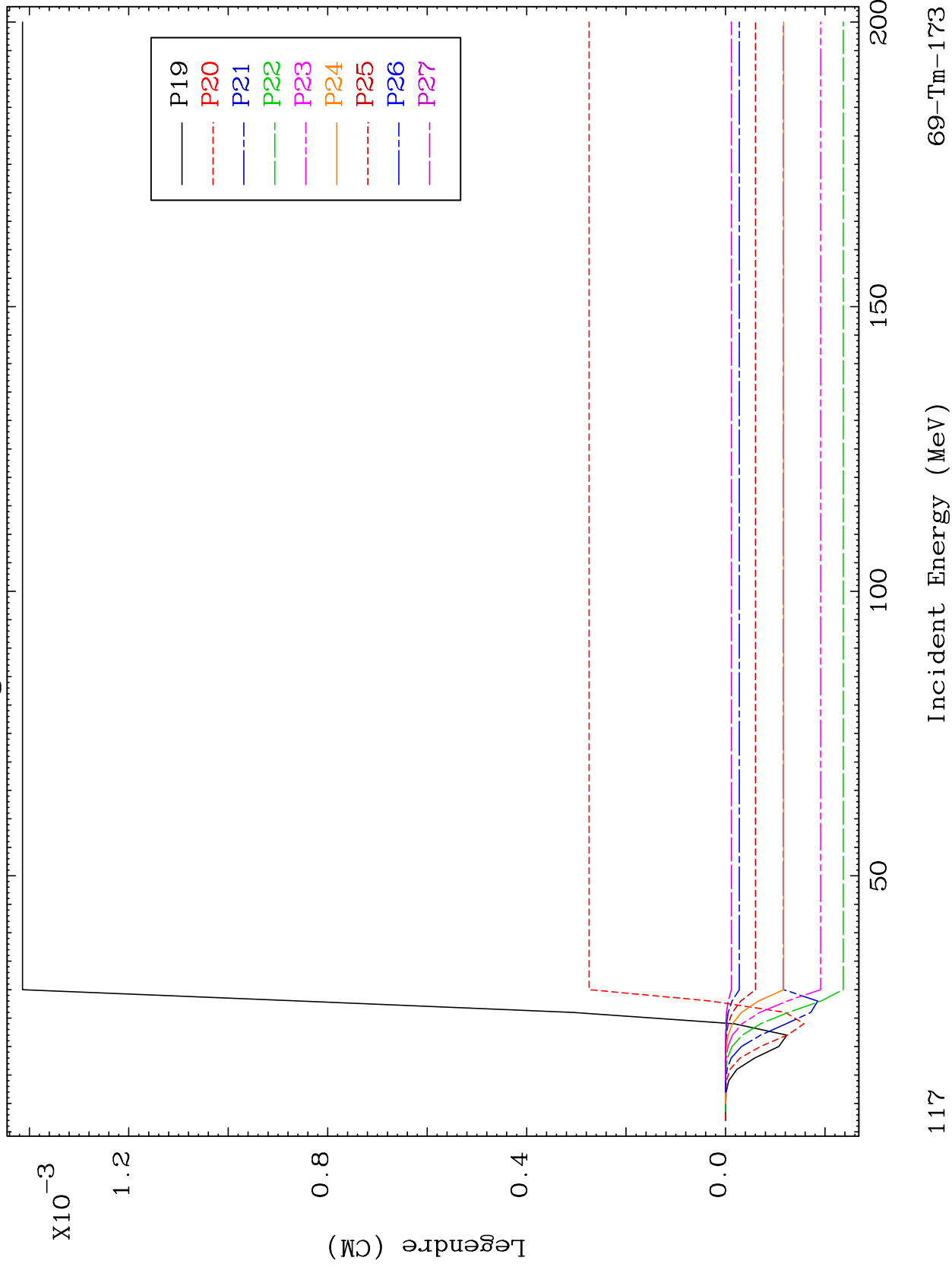
69-Tm-173



MAT 6937

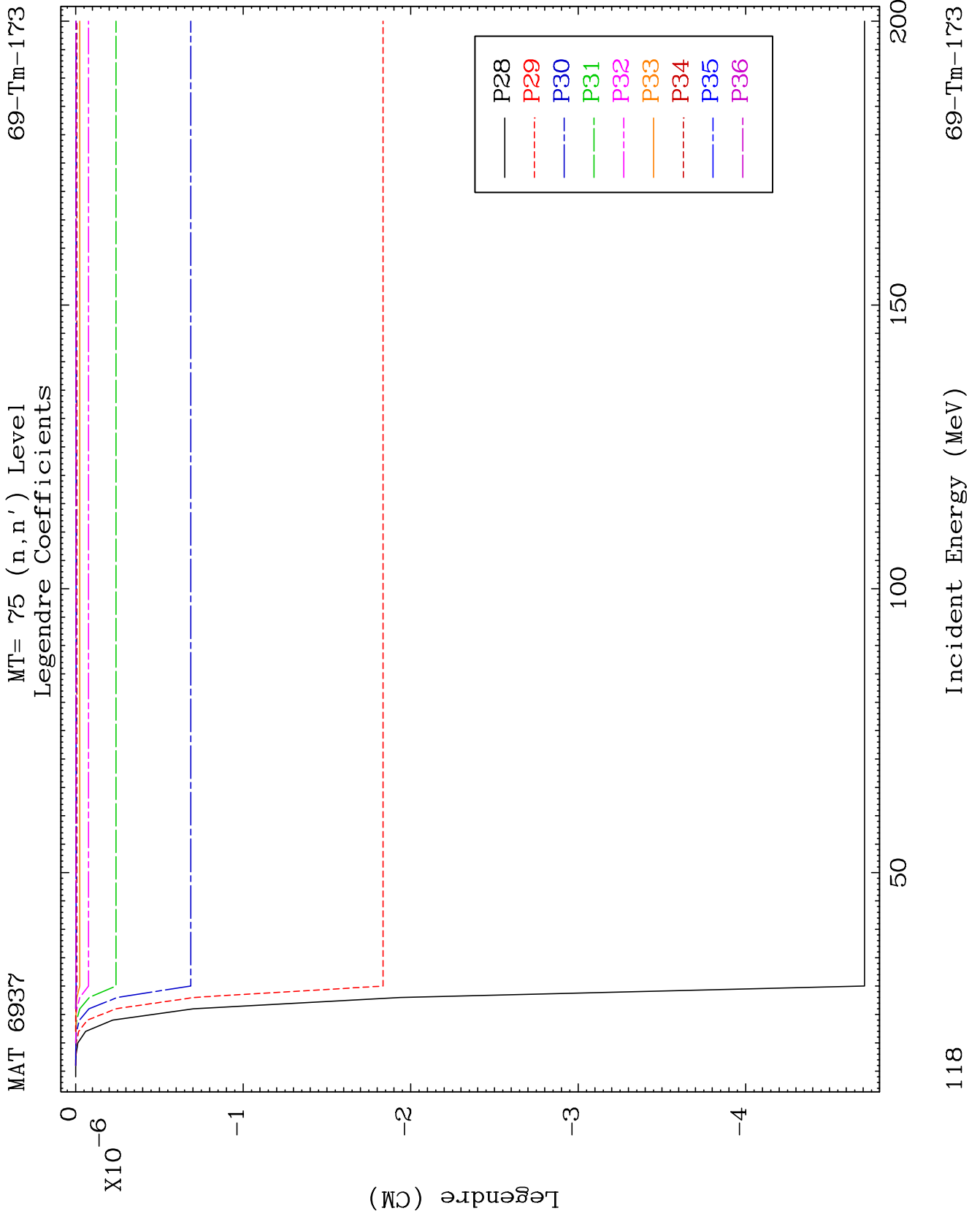
MT= 75 (n,n') Level  
Legendre Coefficients

69-Tm-173



117

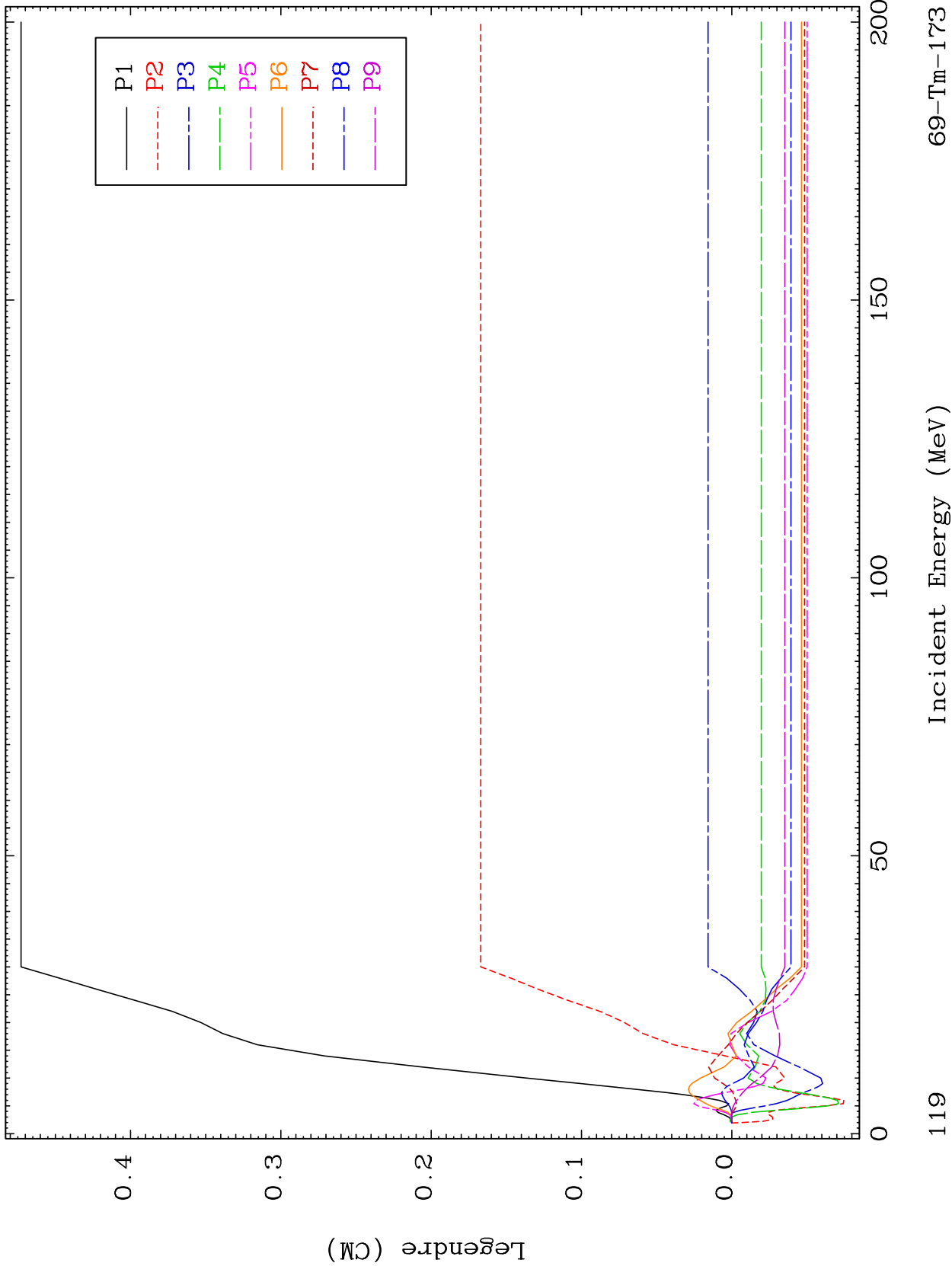
69-Tm-173



MAT 6937

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

69-Tm-173



69-Tm-173

Incident Energy (MeV)

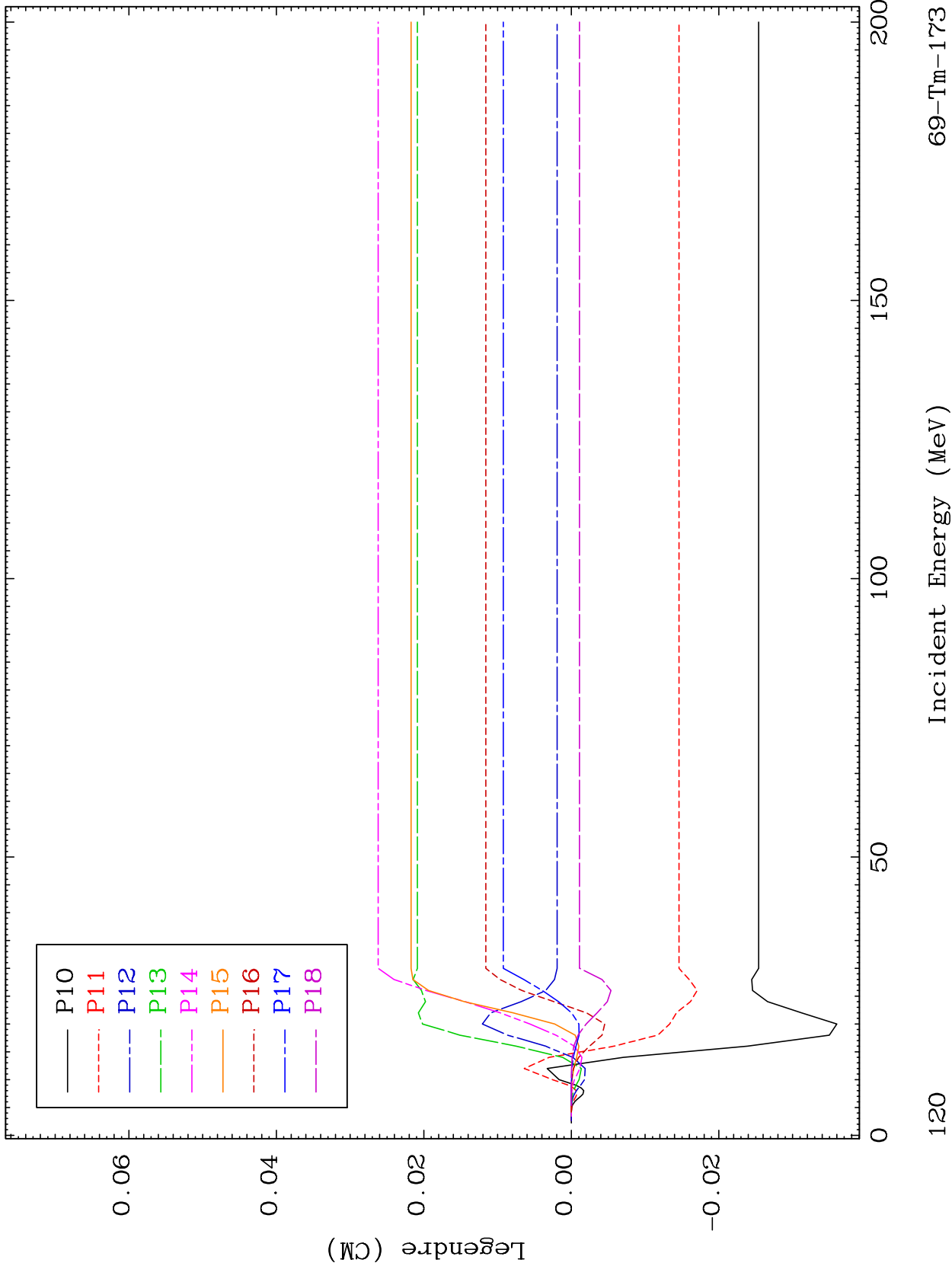
119



MAT 6937

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

69-Tm-173



69-Tm-173

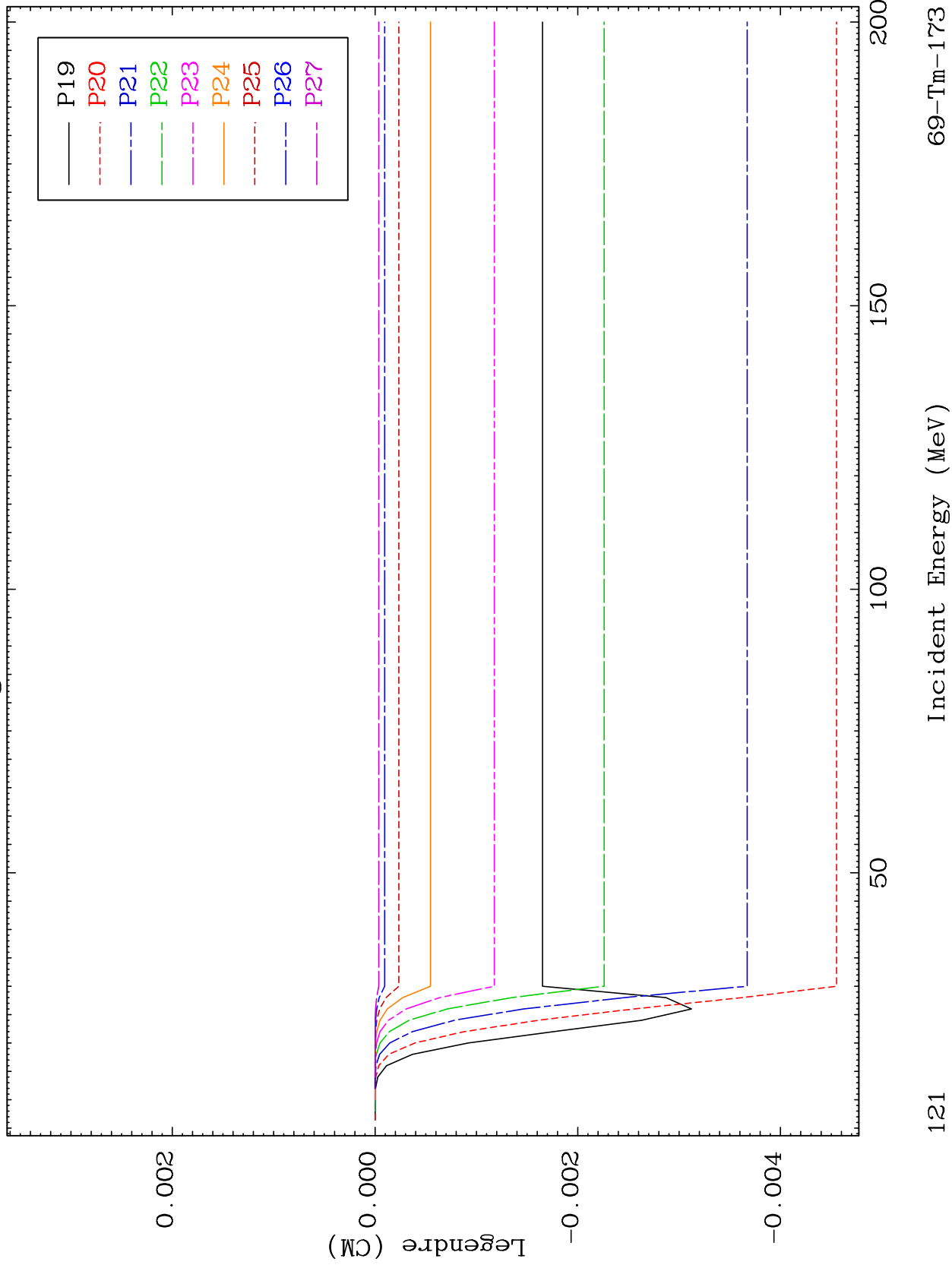
Incident Energy (MeV)

120

MAT 6937

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

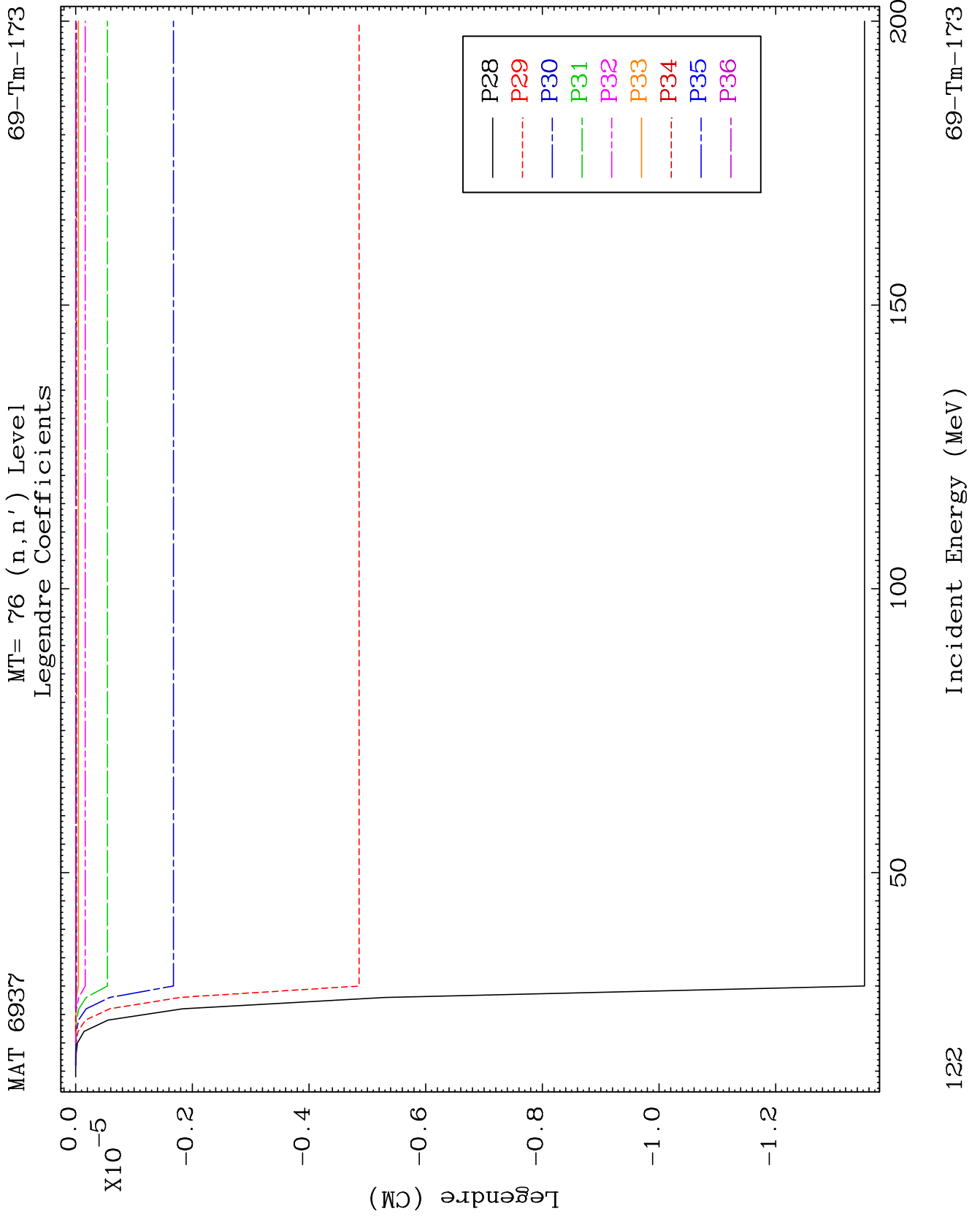
69-Tm-173



121

Incident Energy (MeV)

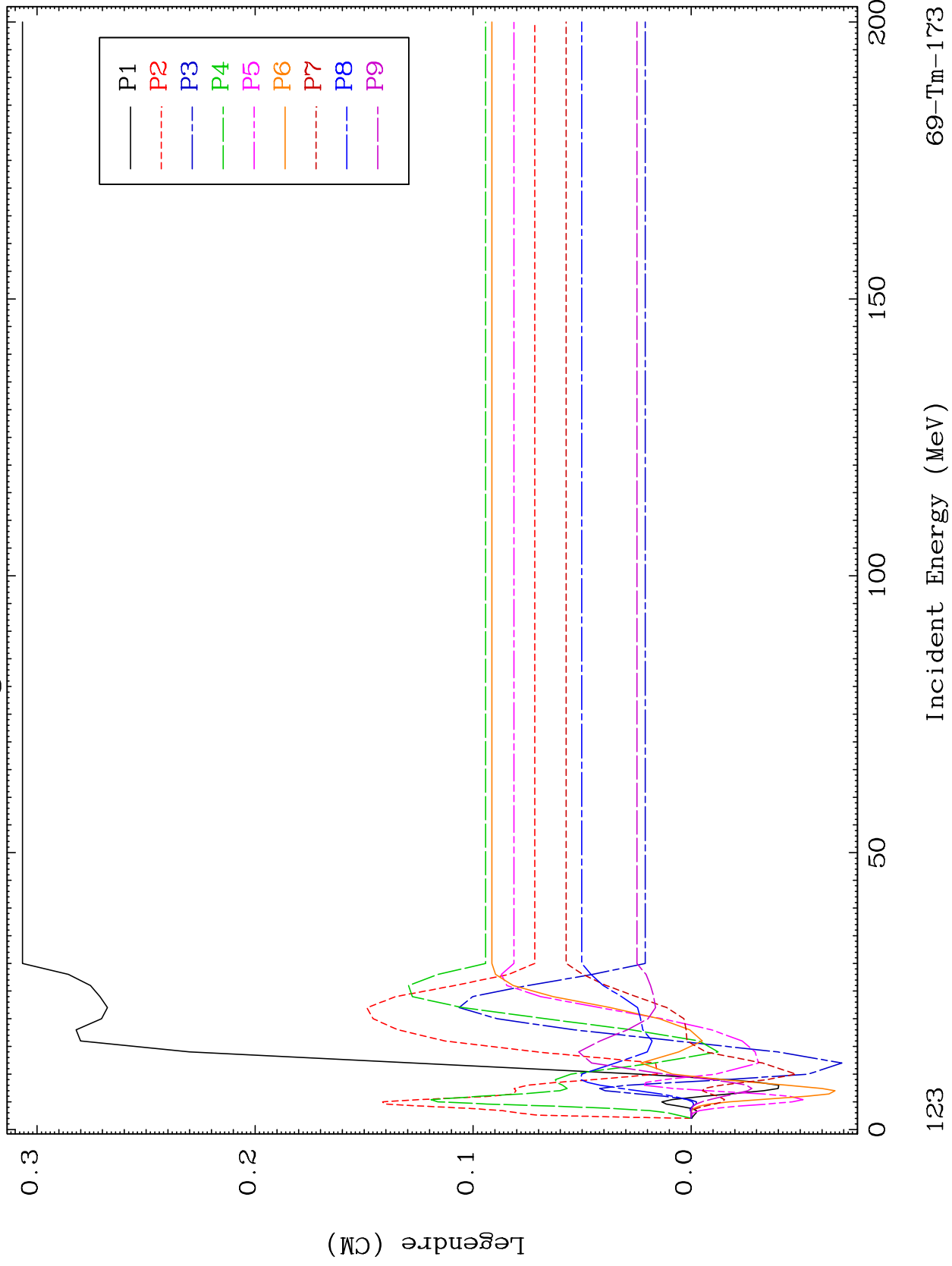
69-Tm-173



MAT 6937

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

69-Tm-173



69-Tm-173

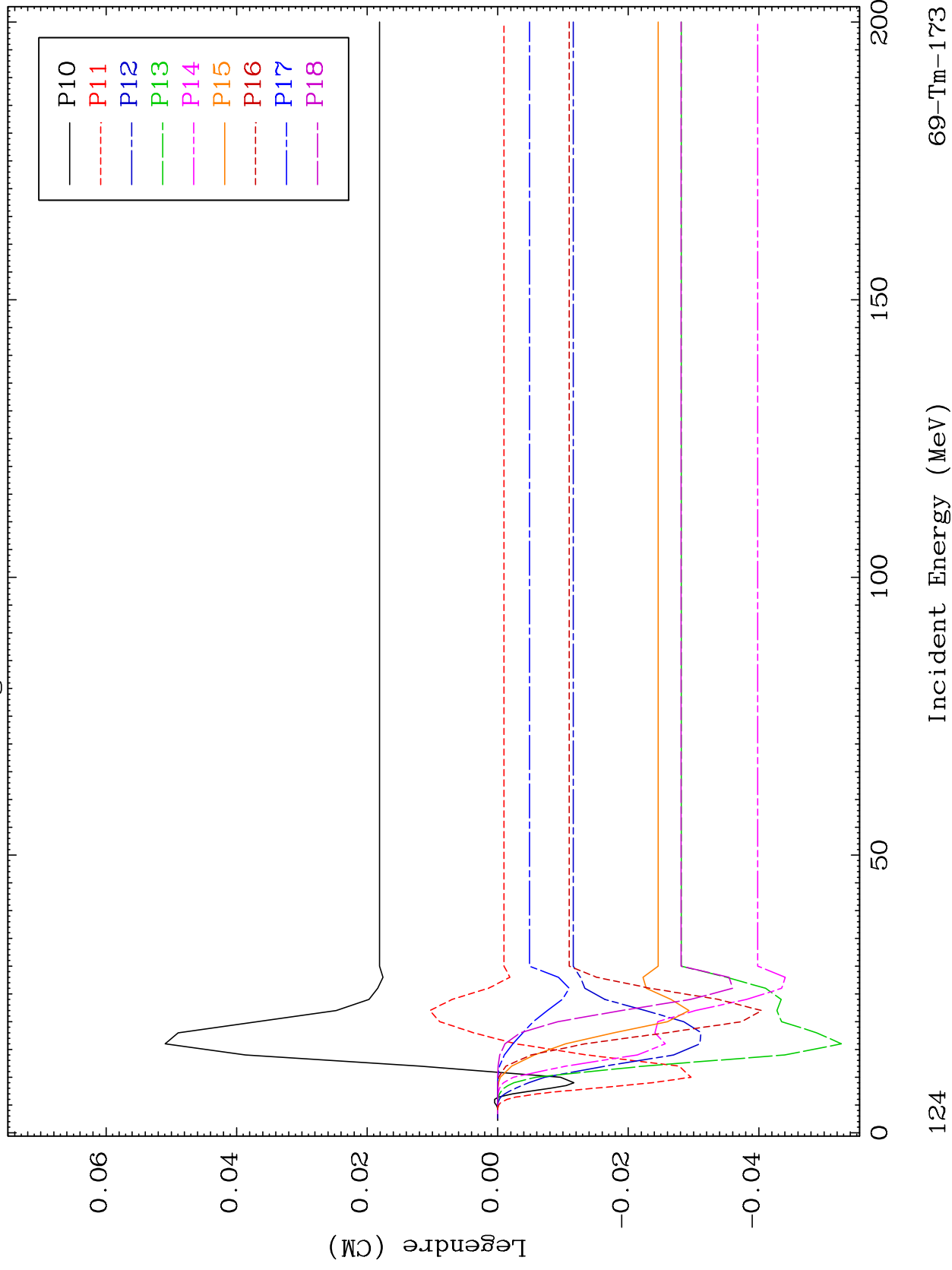
Incident Energy (MeV)

123

MAT 6937

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

69-Tm-173



69-Tm-173

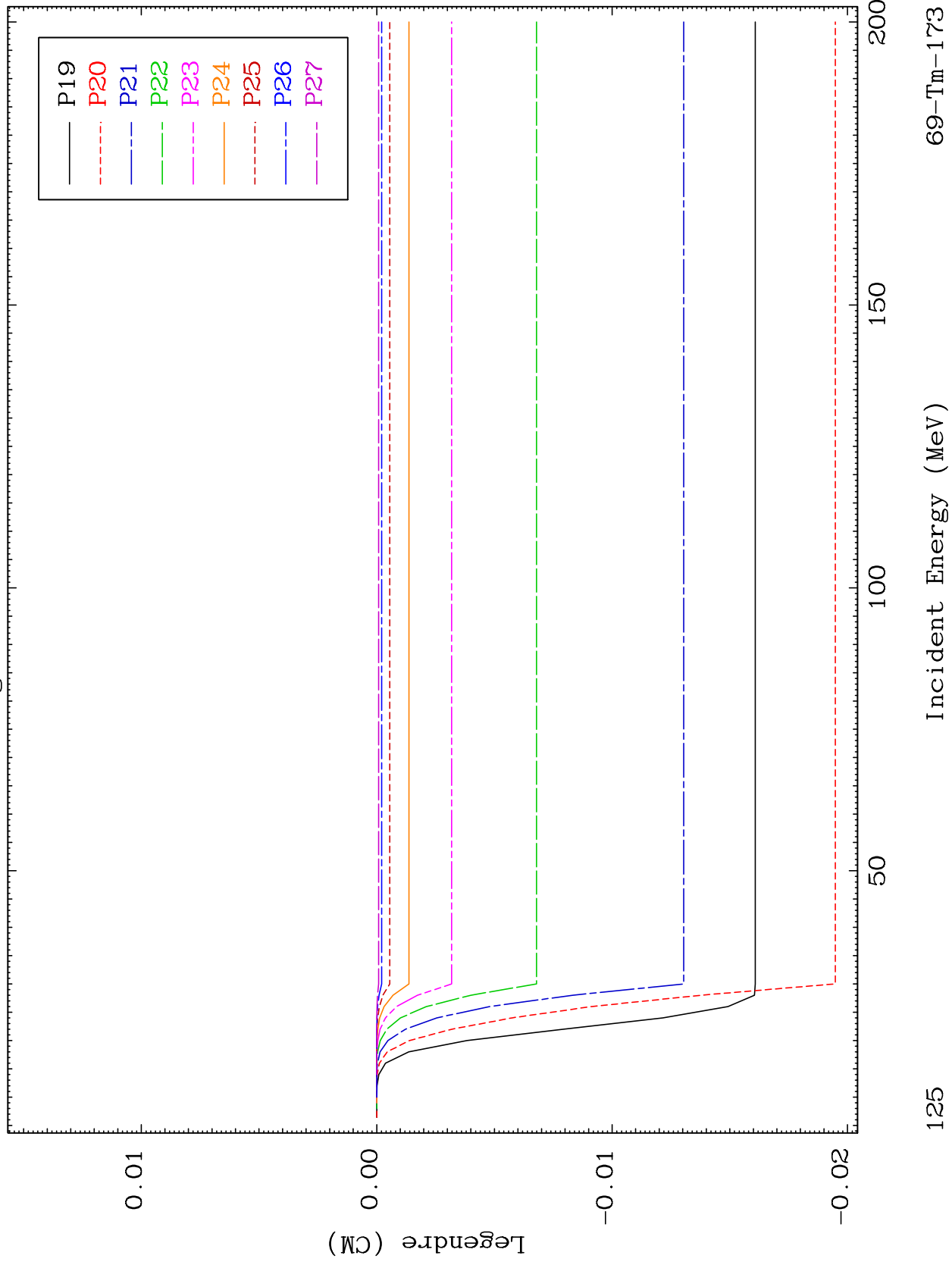
Incident Energy (MeV)

124

MAT 6937

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

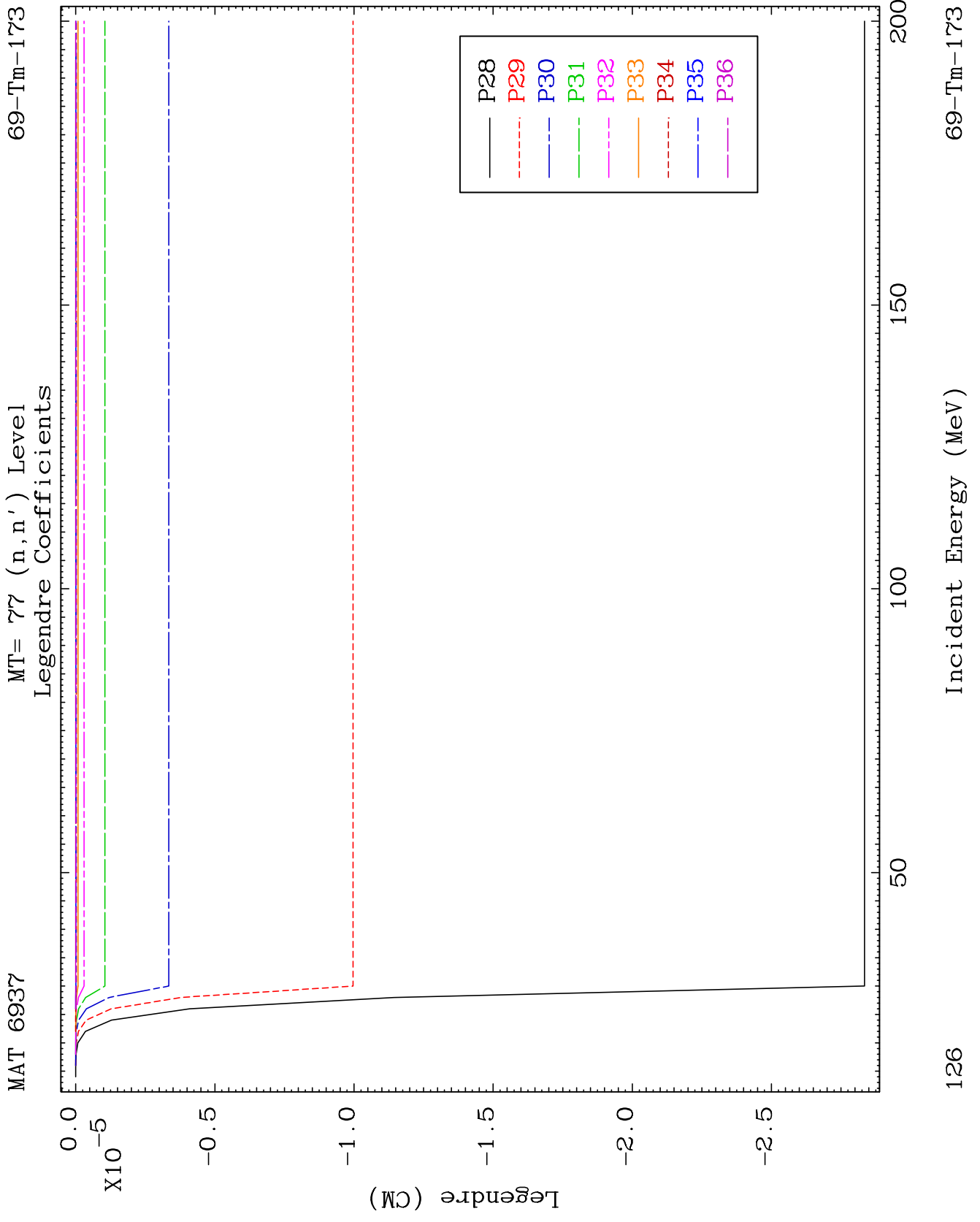
69-Tm-173



69-Tm-173

Incident Energy (MeV)

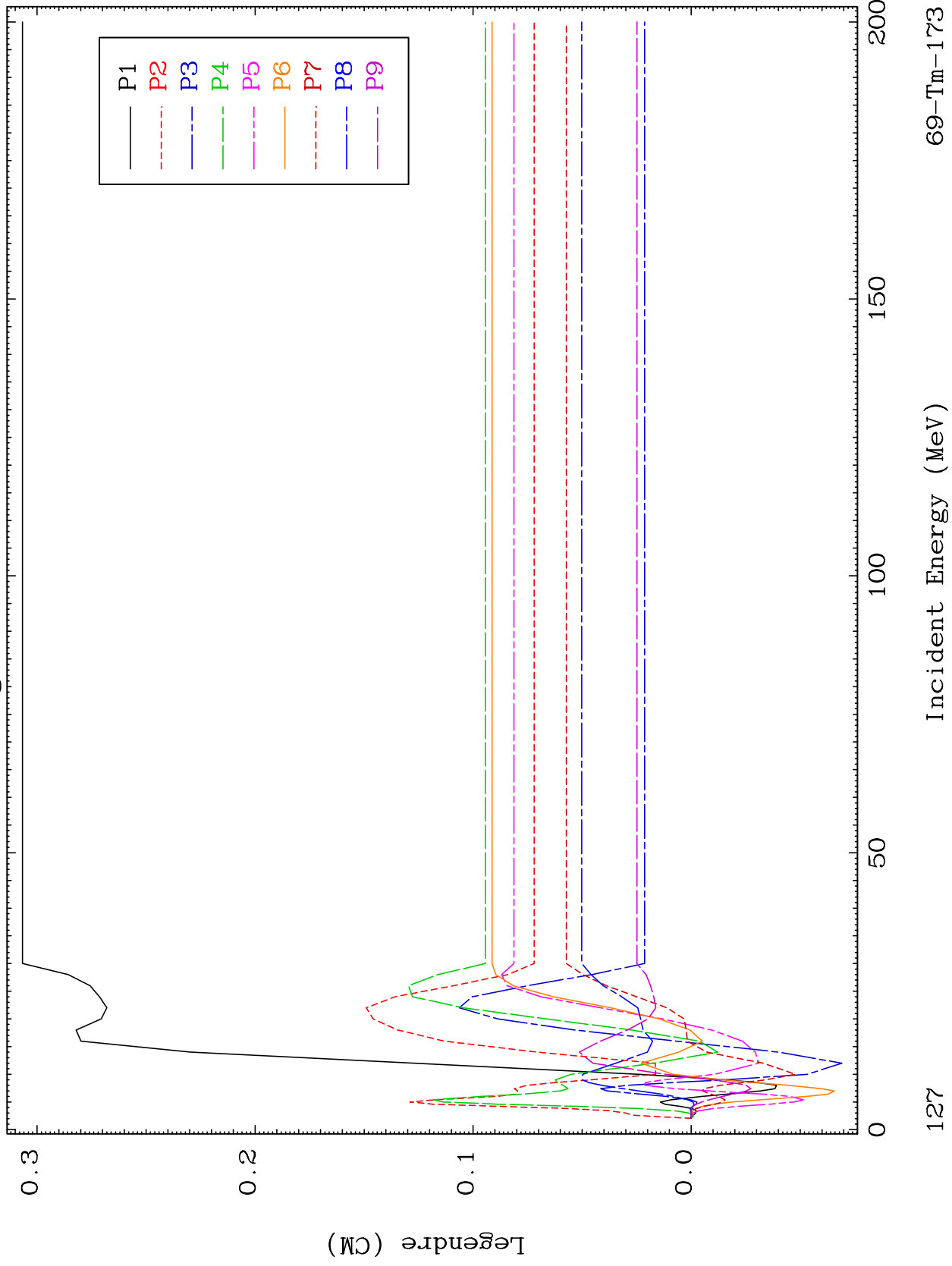
125



MAT 6937

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

69-Tm-173



69-Tm-173

Incident Energy (MeV)

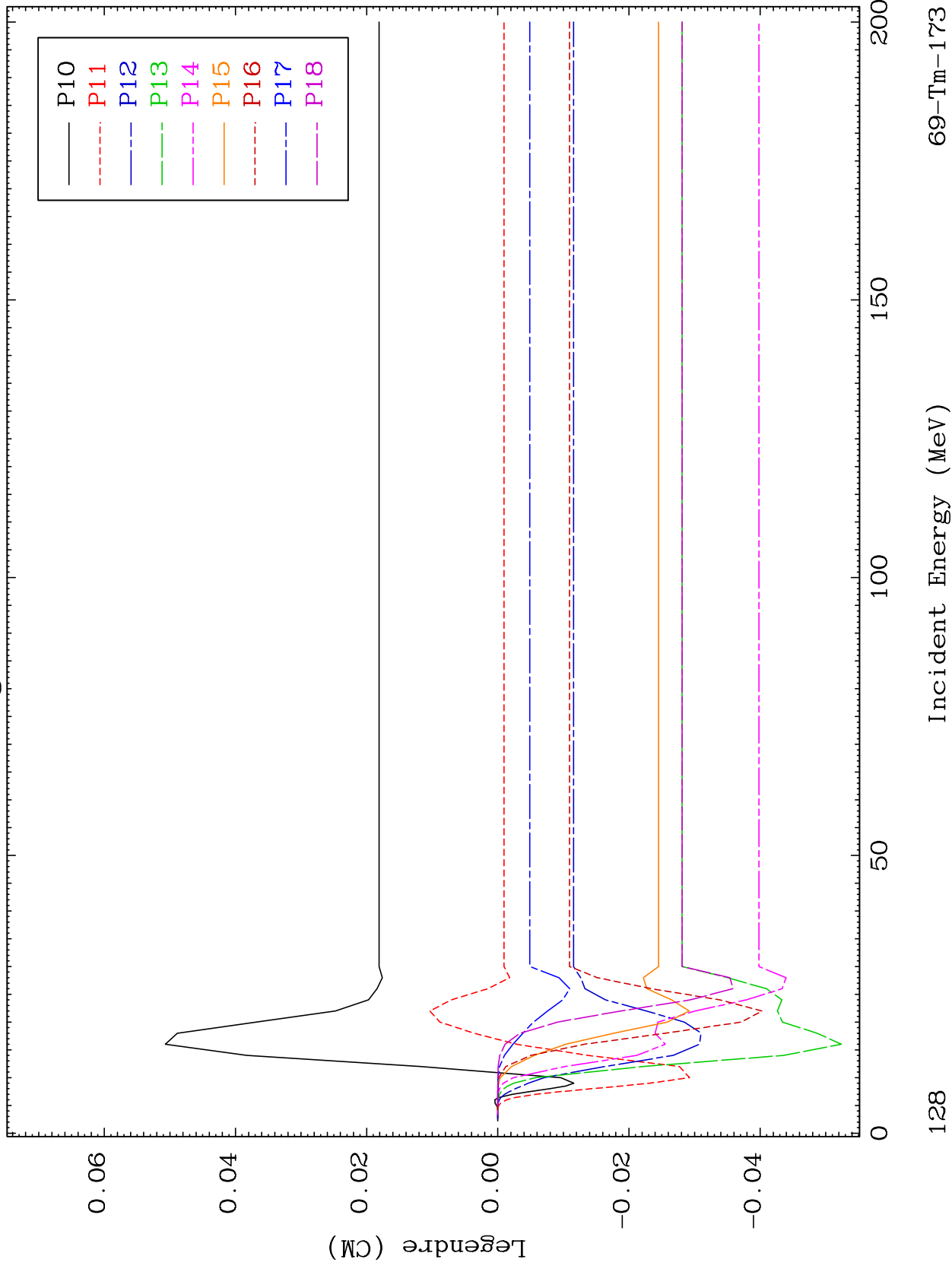
127



MAT 6937

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

69-Tm-173



69-Tm-173

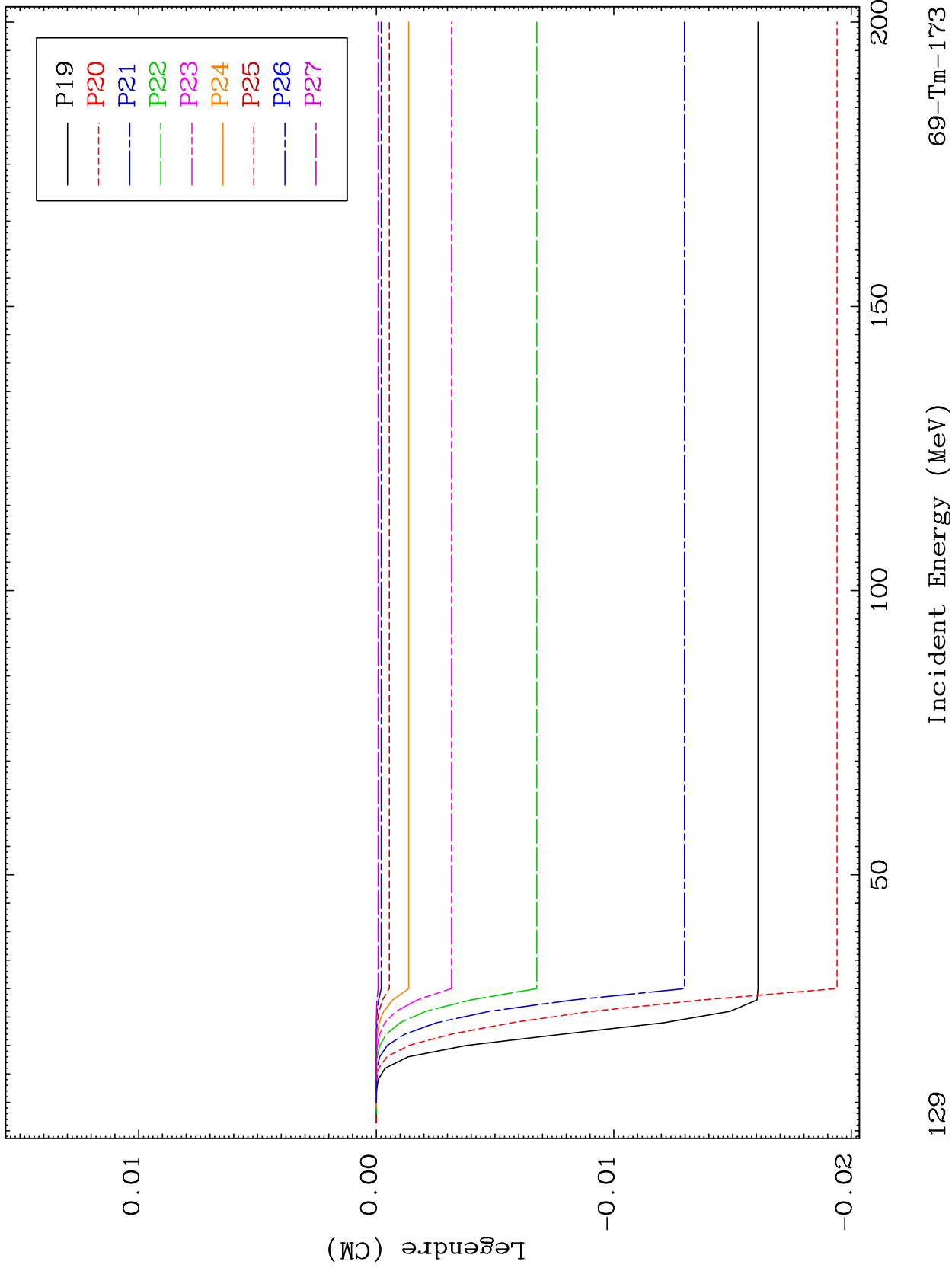
Incident Energy (MeV)

128

MAT 6937

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

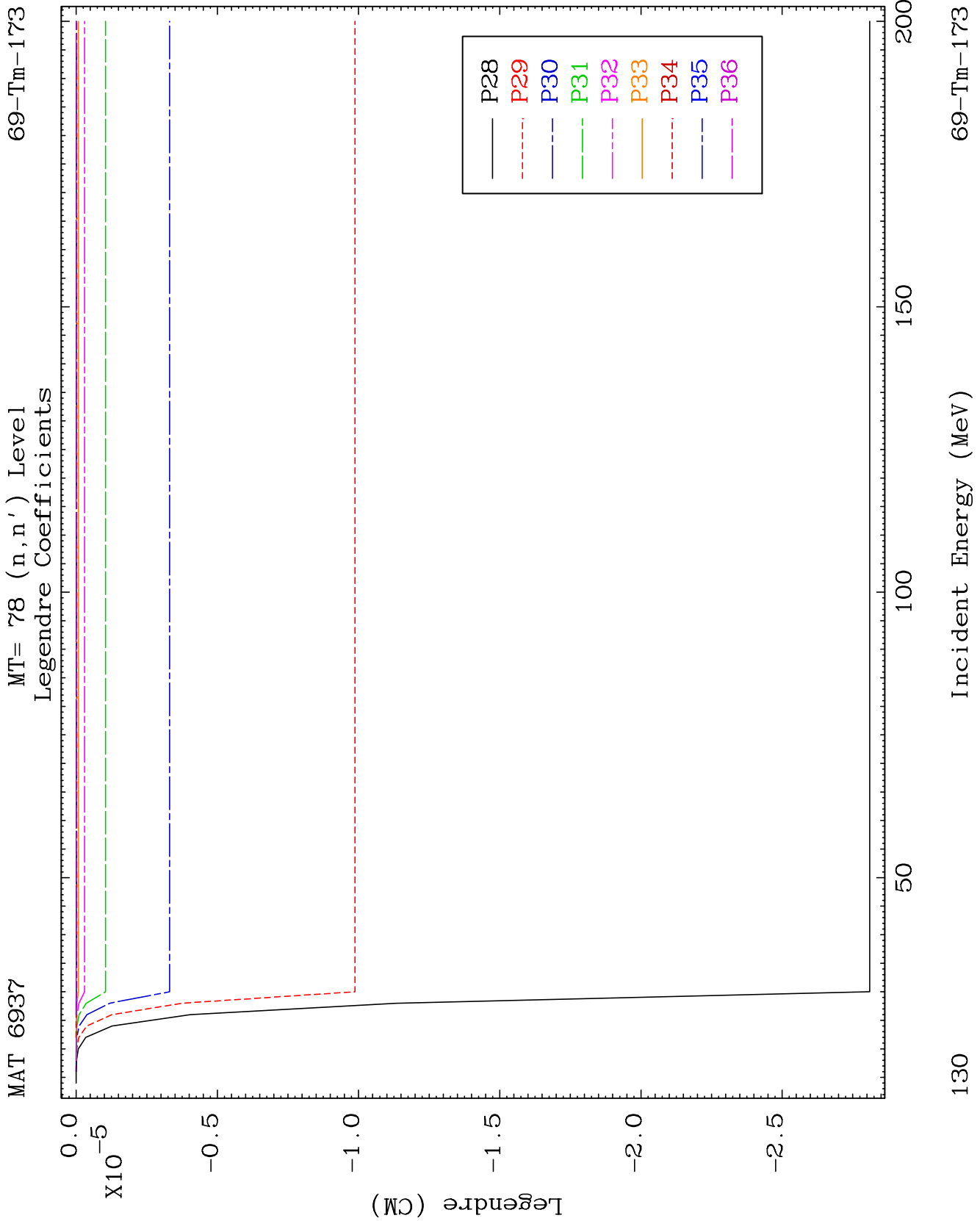
69-Tm-173



129

Incident Energy (MeV)

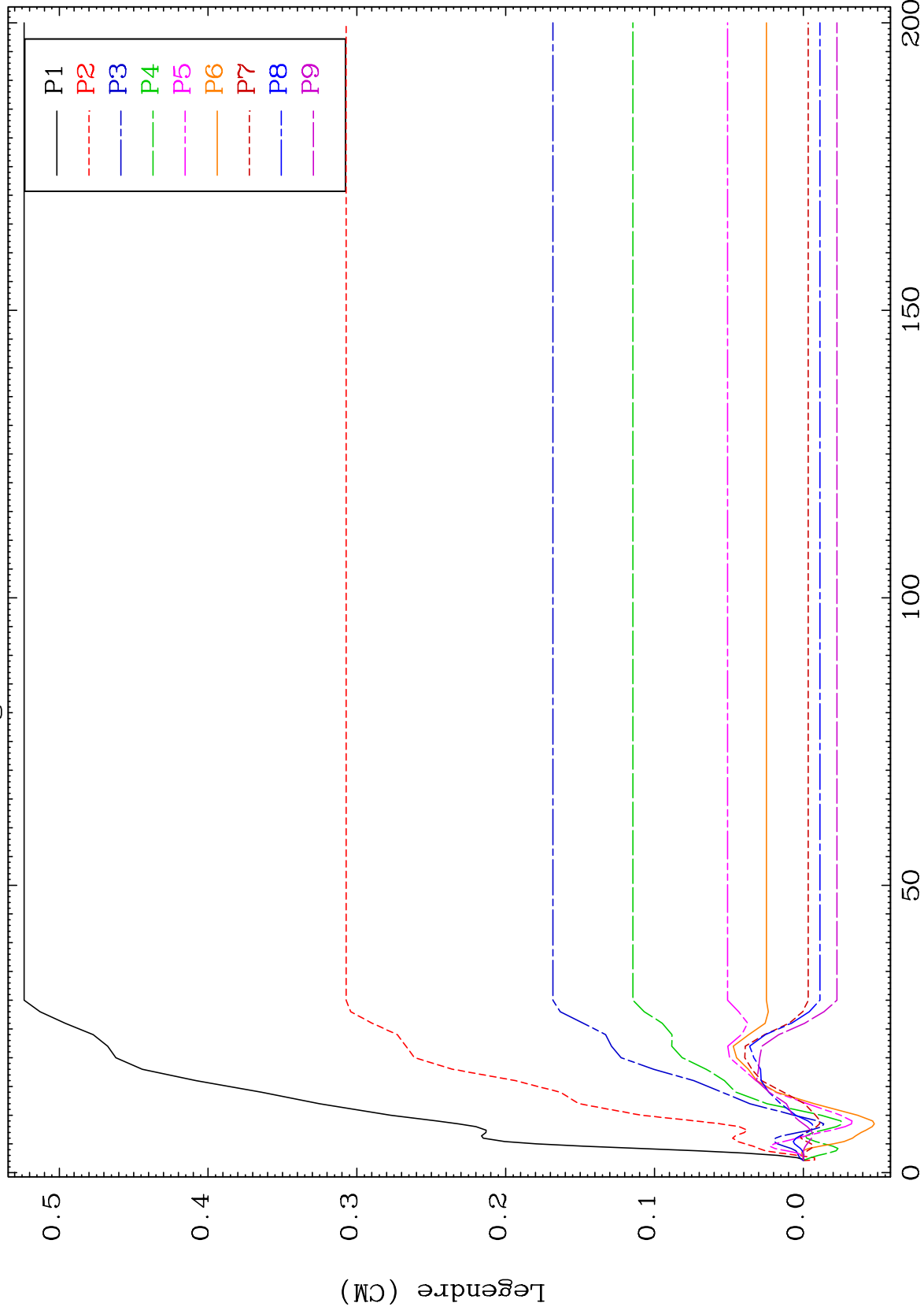
69-Tm-173



MAT 6937

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

69-Tm-173



131

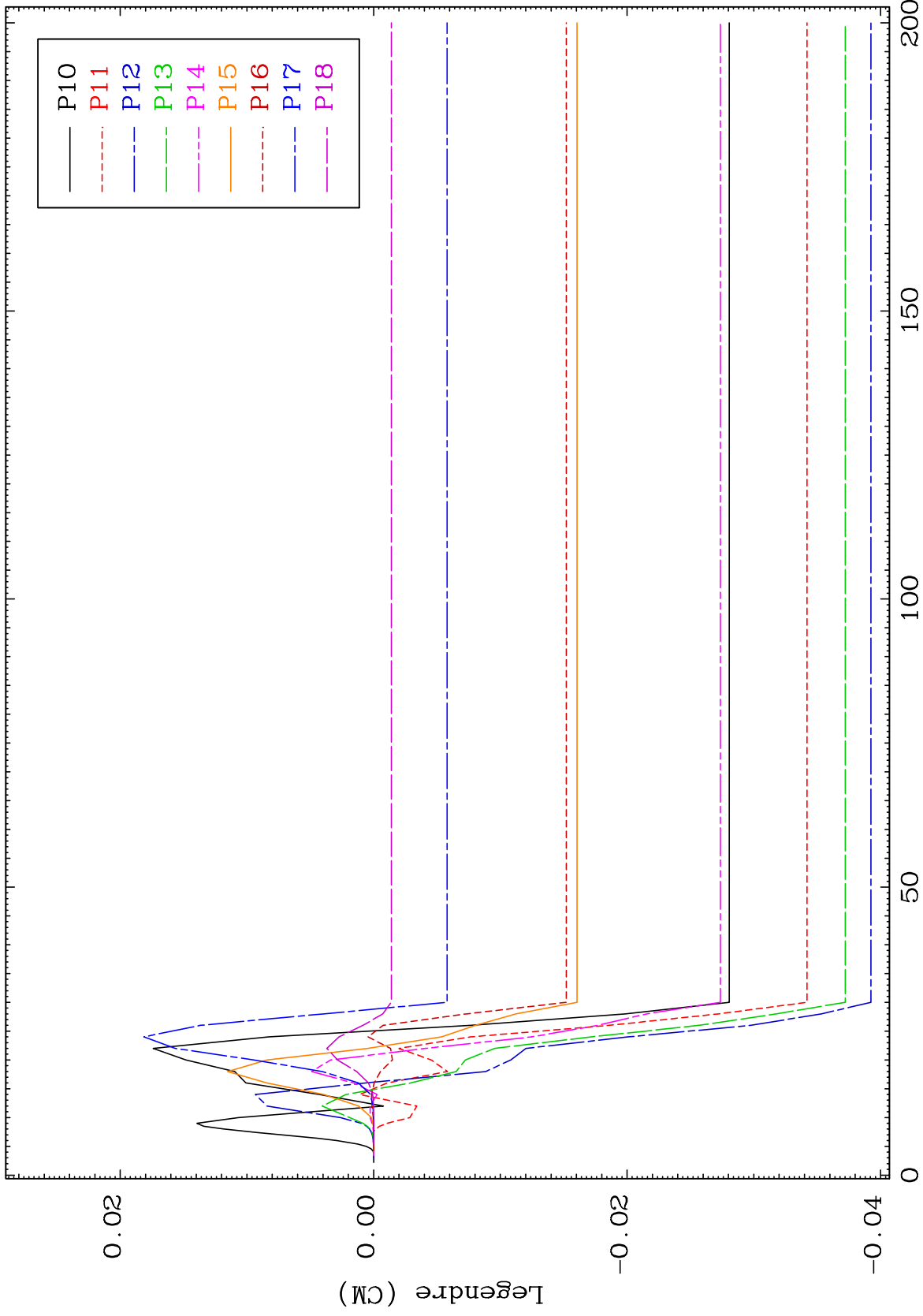
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

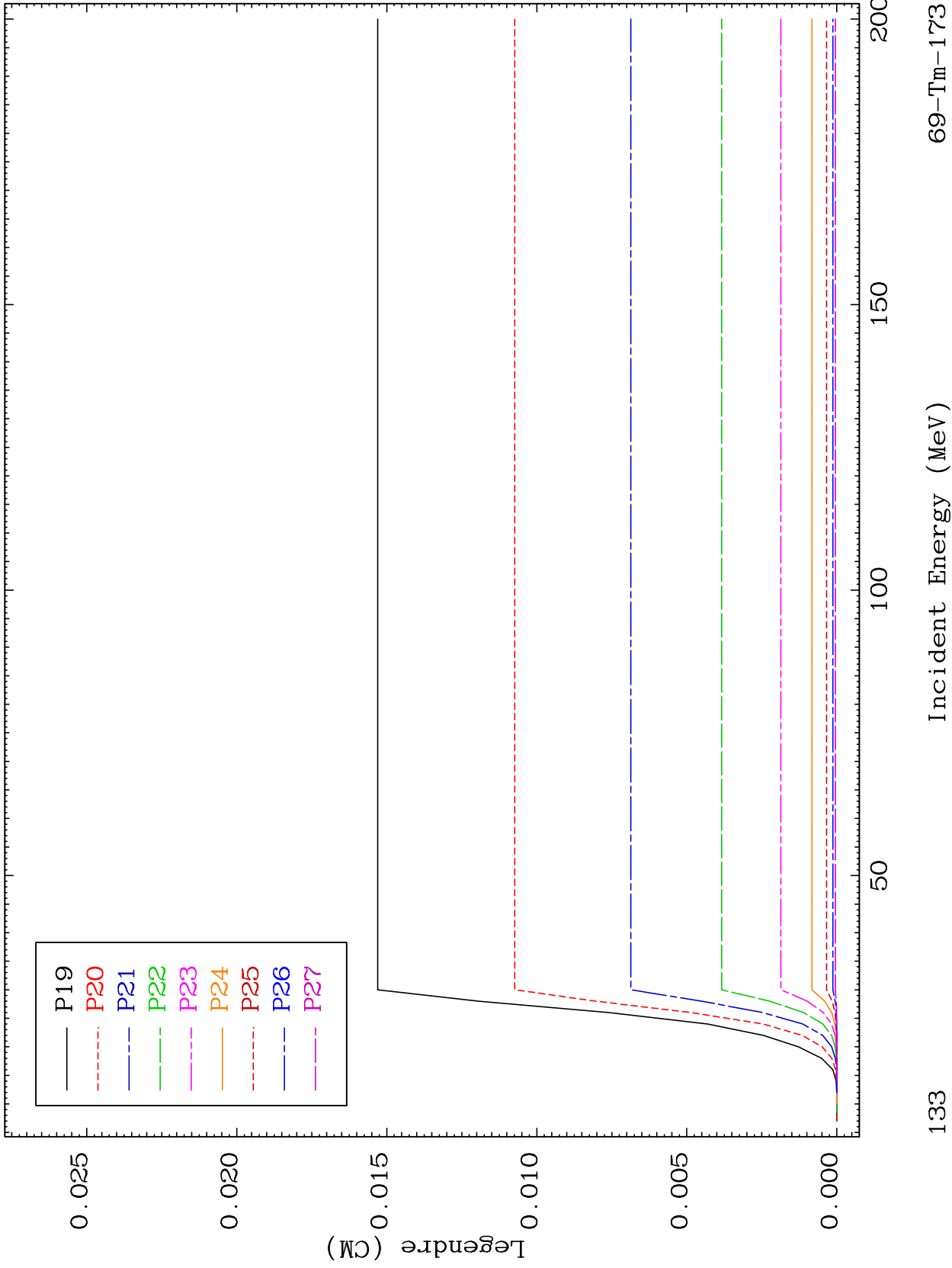
69-Tm-173



132

Incident Energy (MeV)

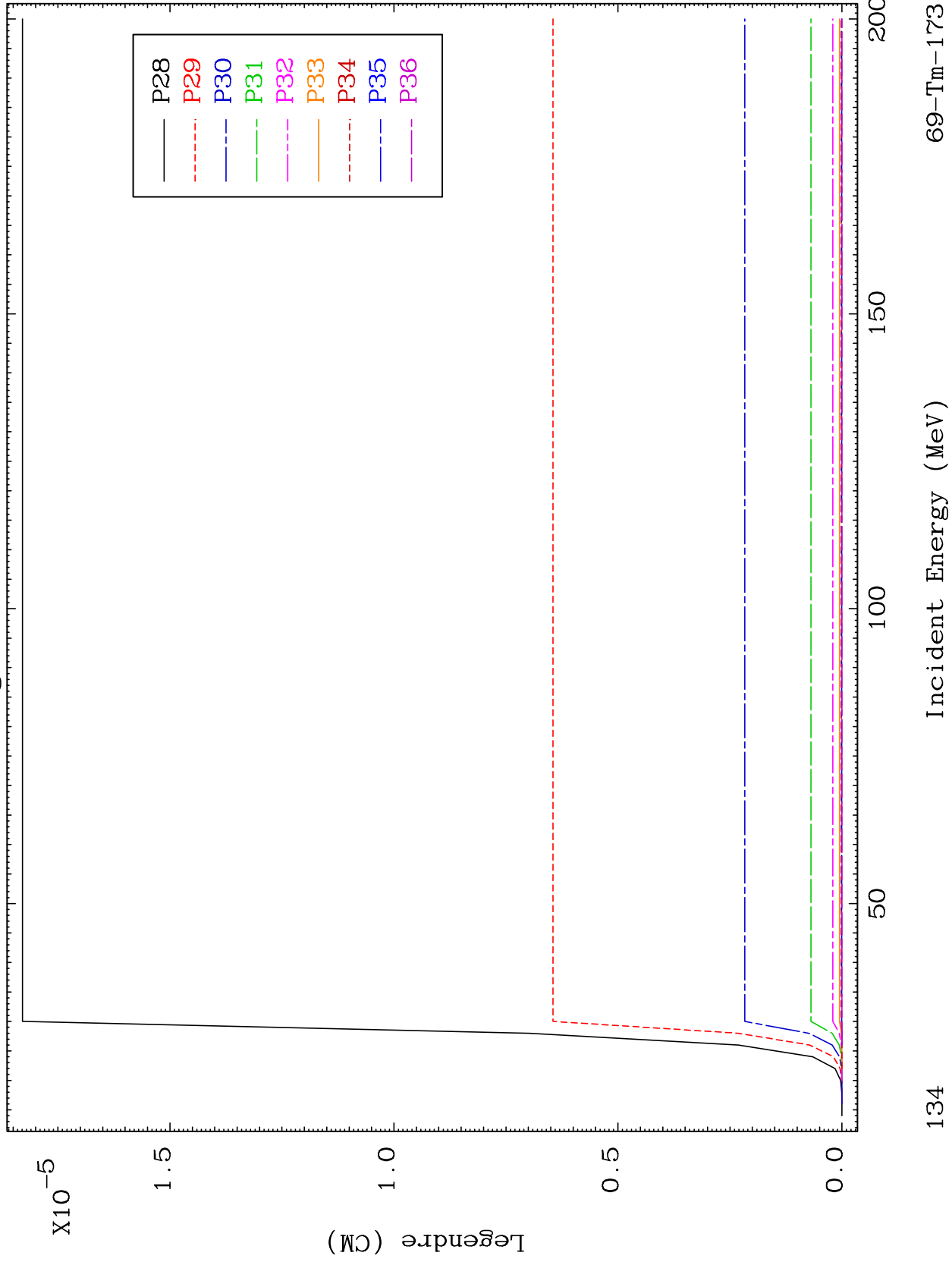
69-Tm-173



MAT 6937

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

69-Tm-173



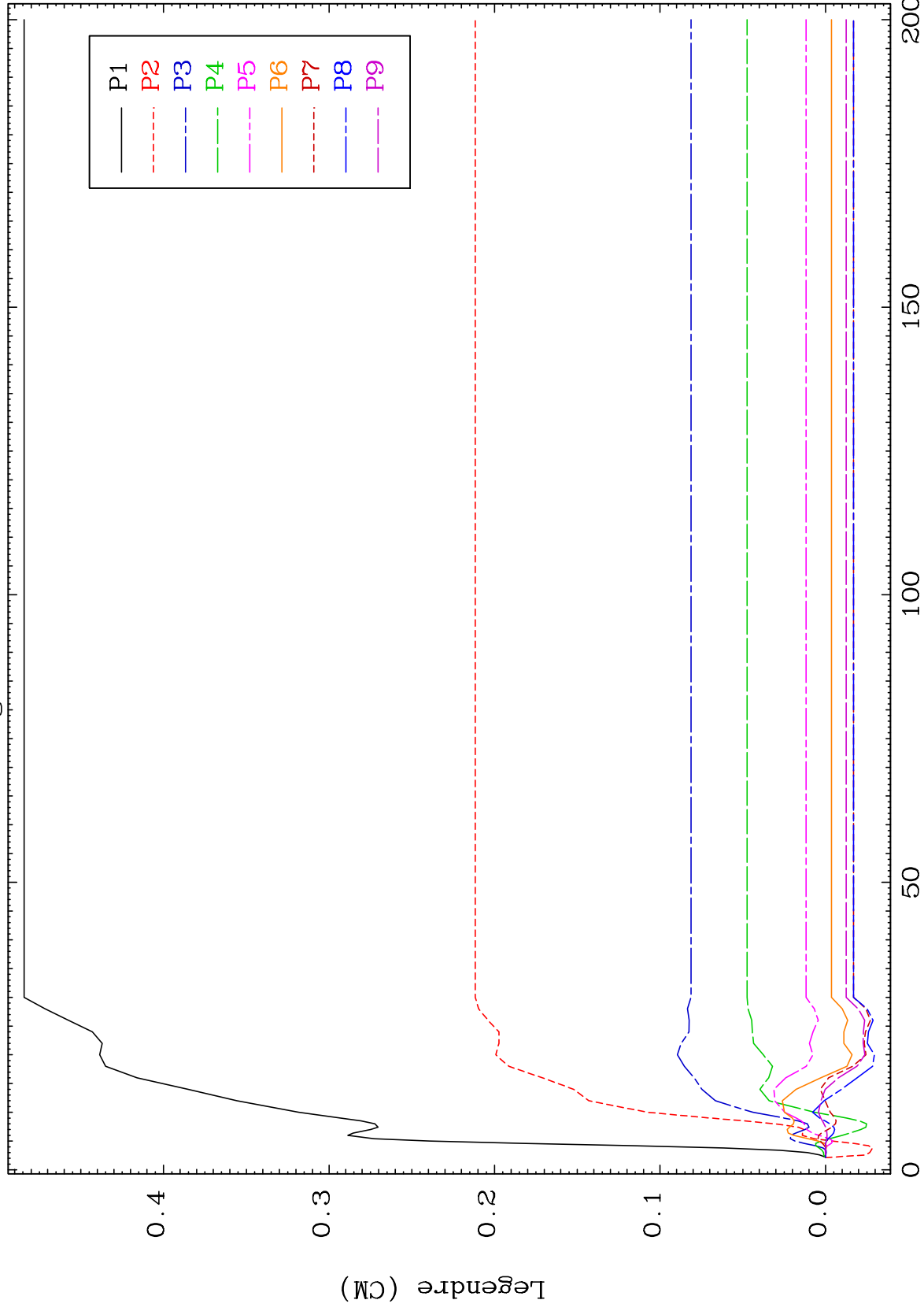
134

69-Tm-173

MAT 6937

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

69-Tm-173



135

Incident Energy (MeV)

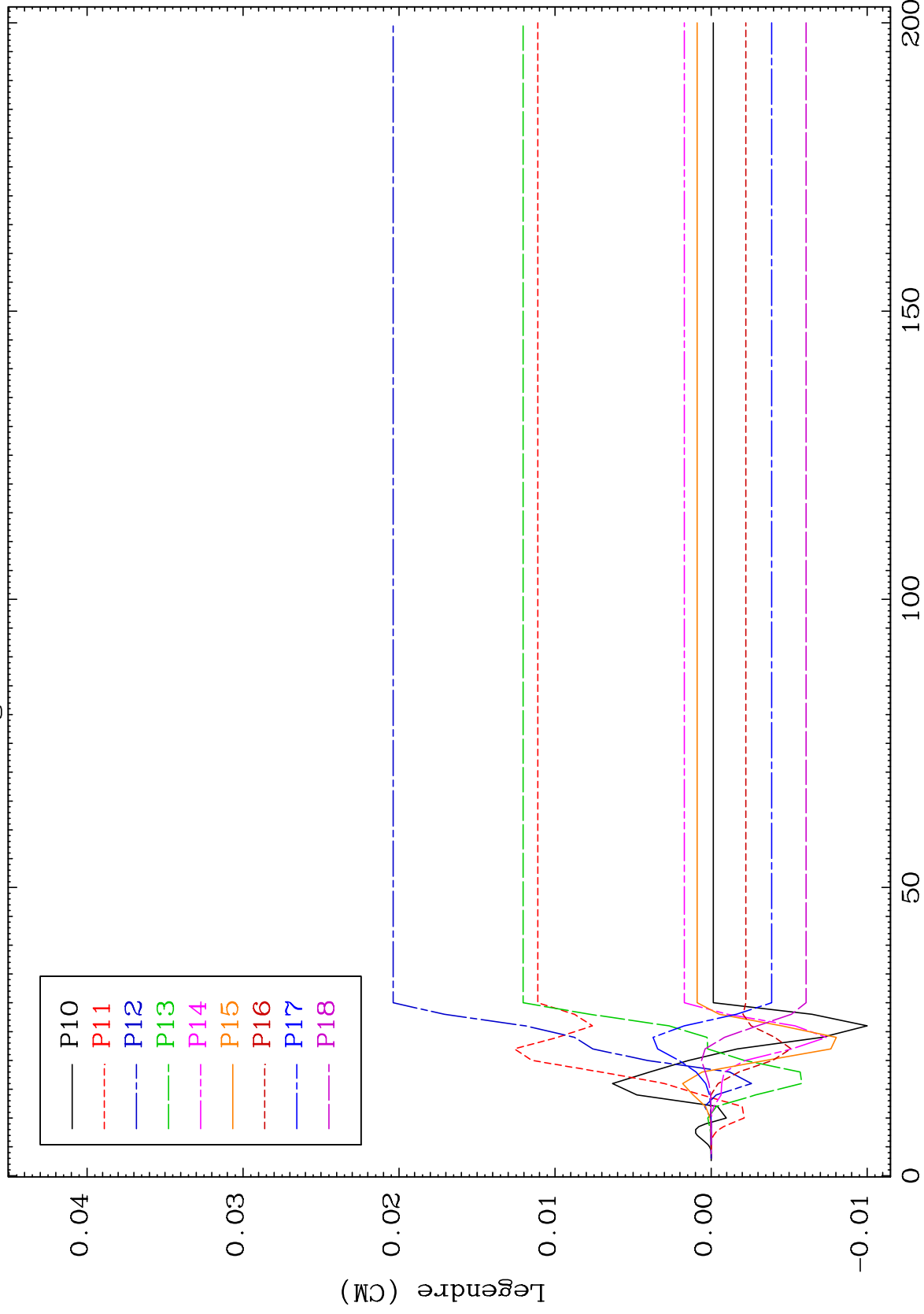
69-Tm-173



MAT 6937

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

69-Tm-173



136

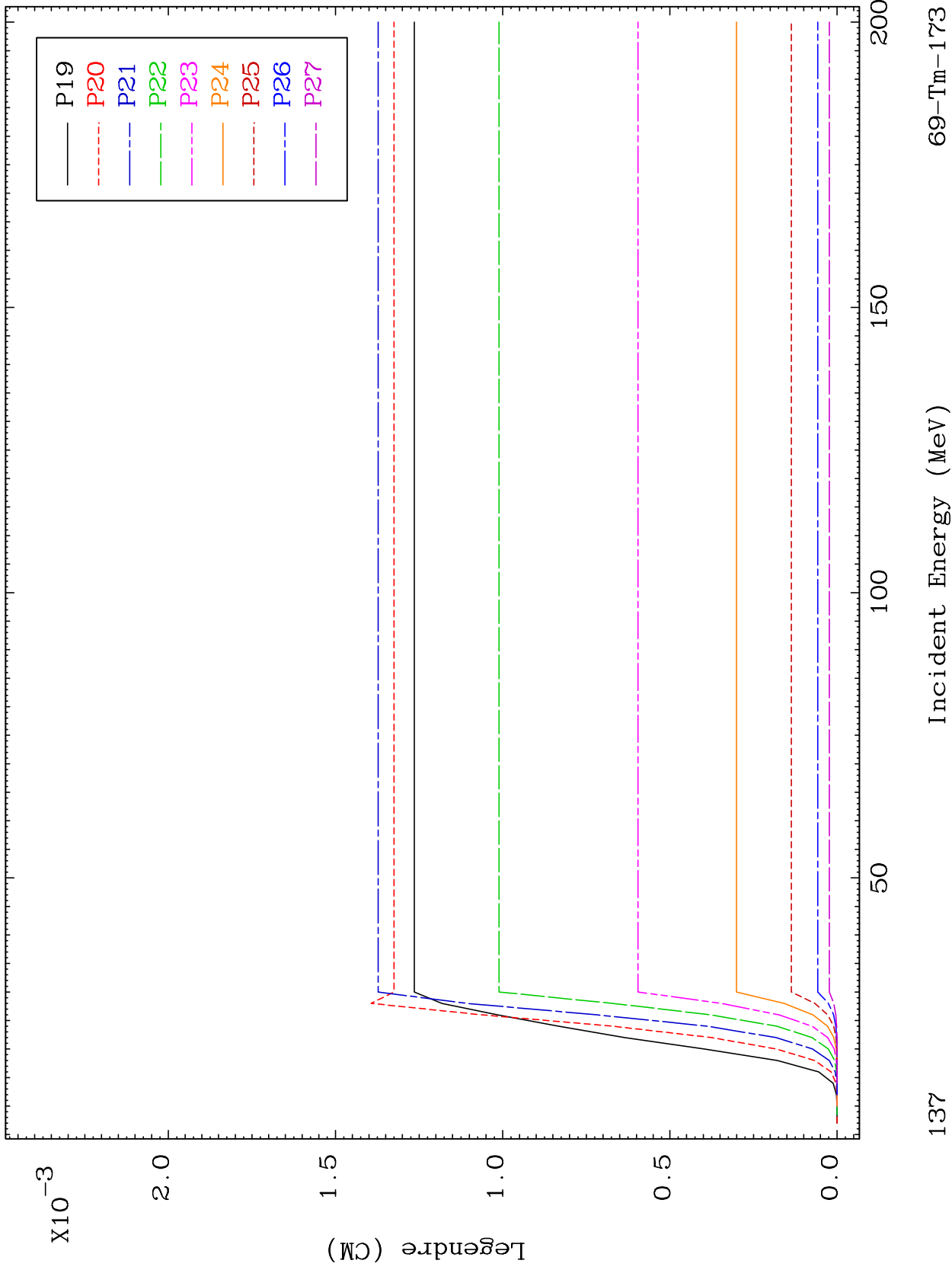
Incident Energy (MeV)

69-Tm-173

MAT 6937

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

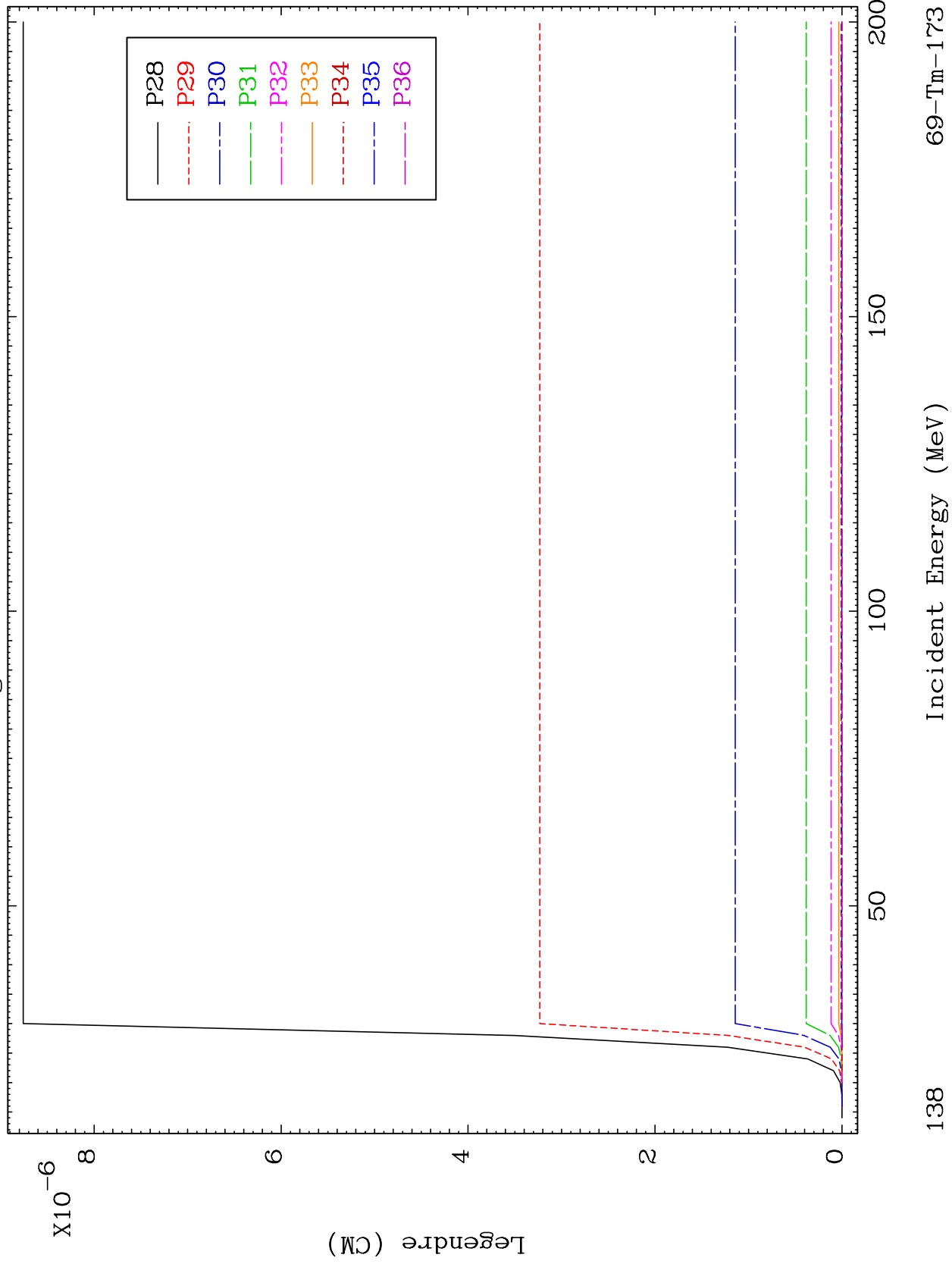
69-Tm-173



MAT 6937

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

69-Tm-173



138

Incident Energy (MeV)

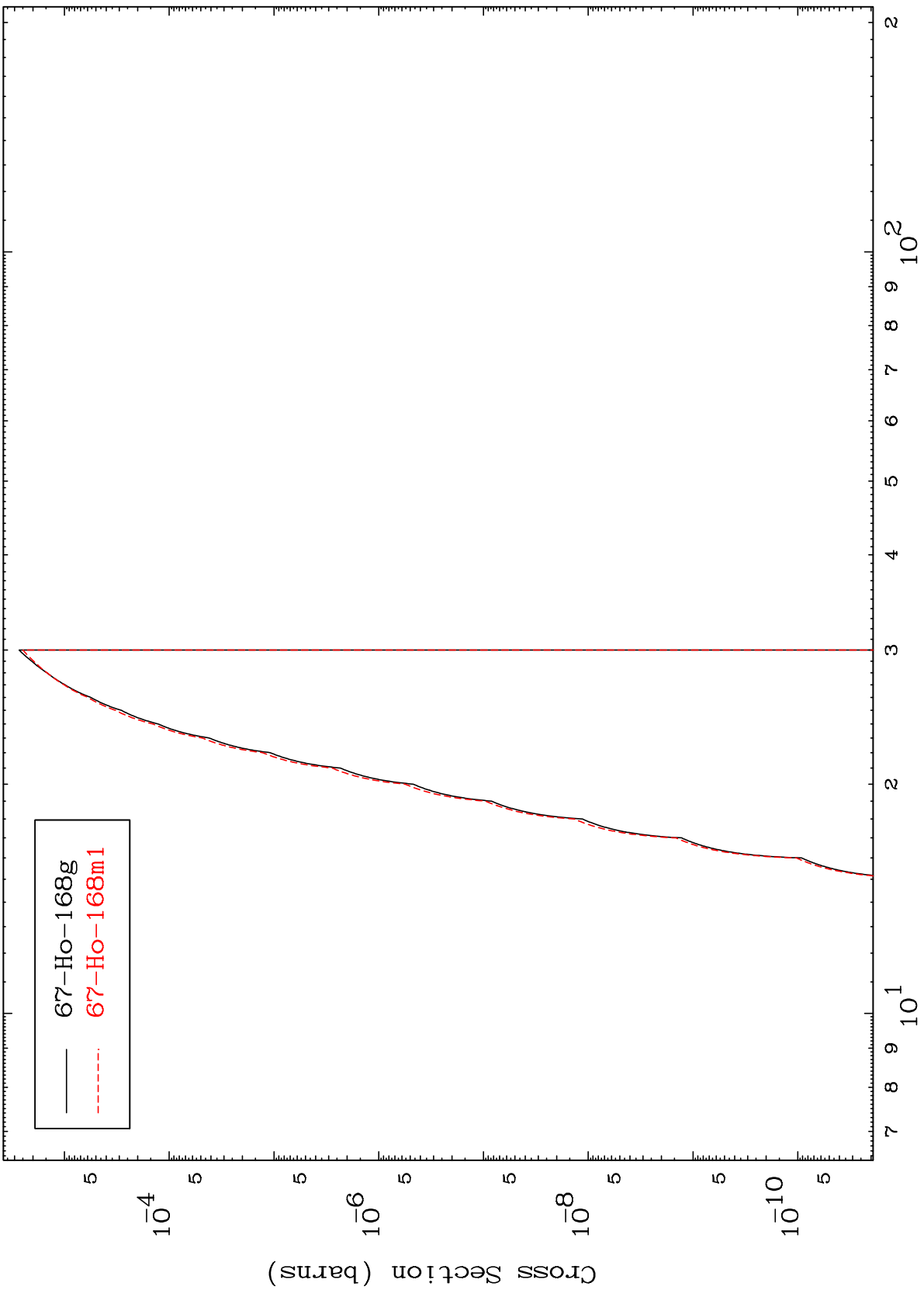
69-Tm-173

MAT 6937

$(n,2n) \alpha$

69-Tm-173

Radionuclide Production Cross Section



139

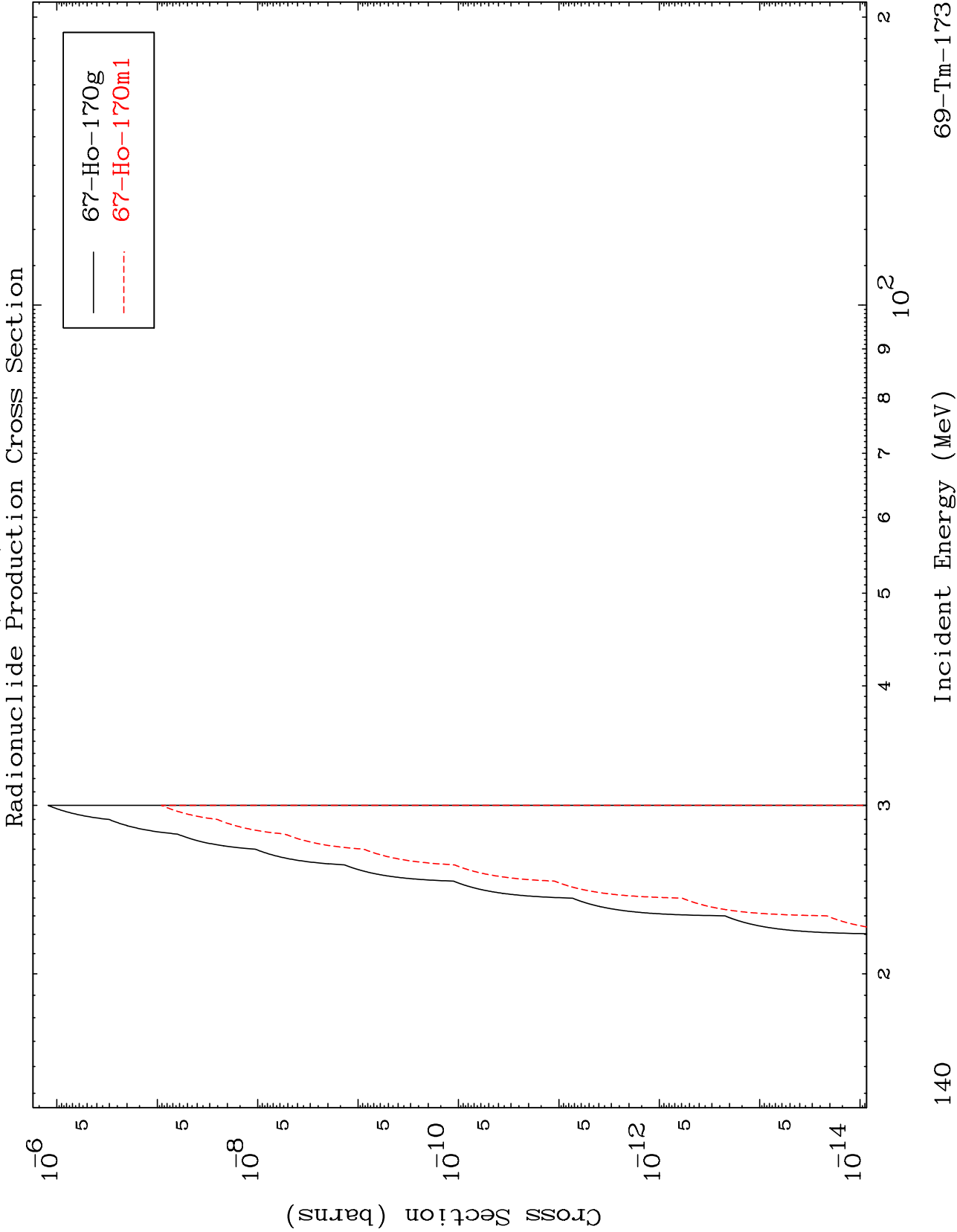
Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,n') He-3

69-Tm-173



140

Incident Energy (MeV)

69-Tm-173

MAT 6937

(n,  $\alpha$ )

69-Tm-173

Radionuclide Production Cross Section

