

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

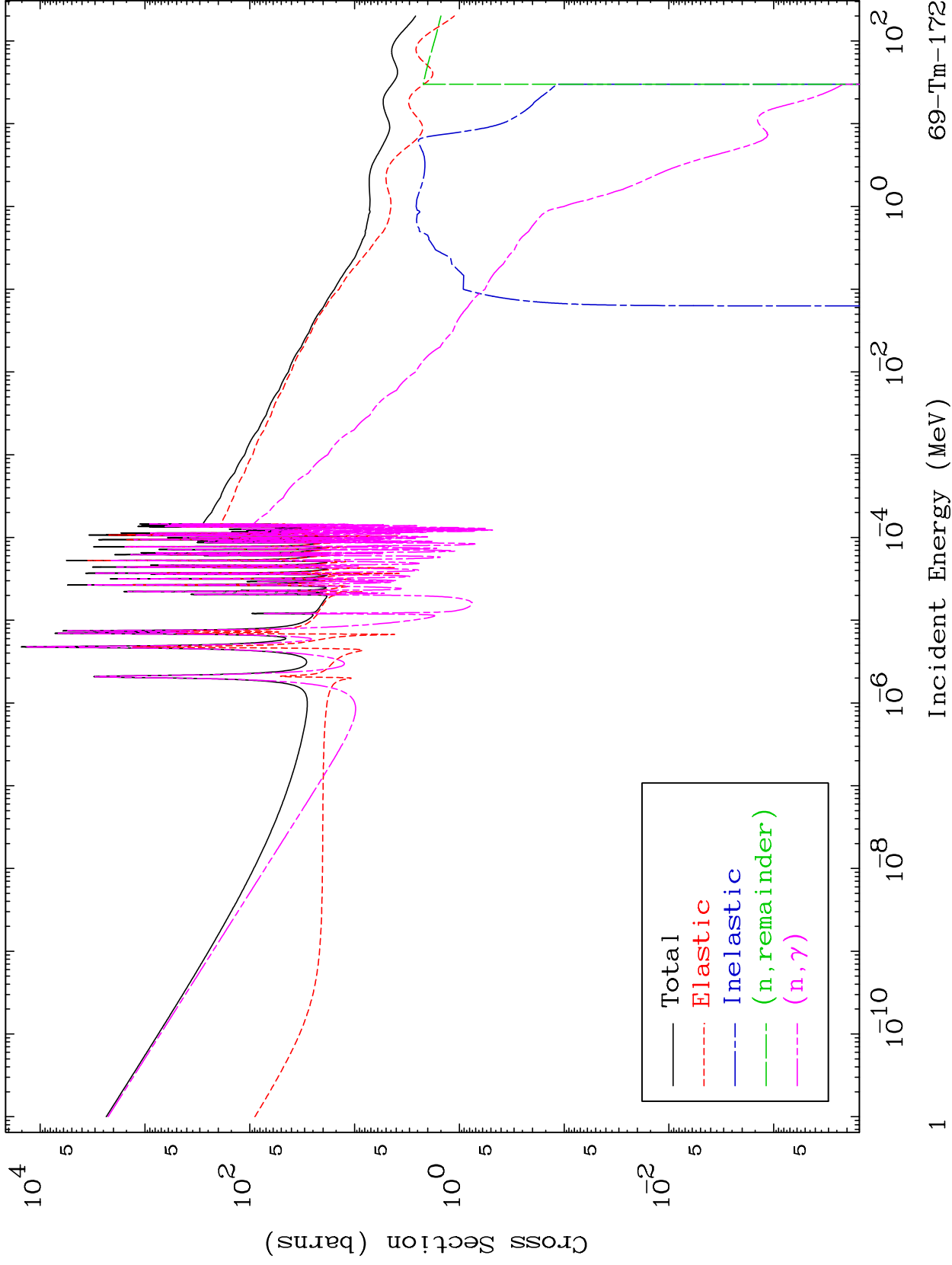
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6934

Major  
293 Kelvin Cross Sections

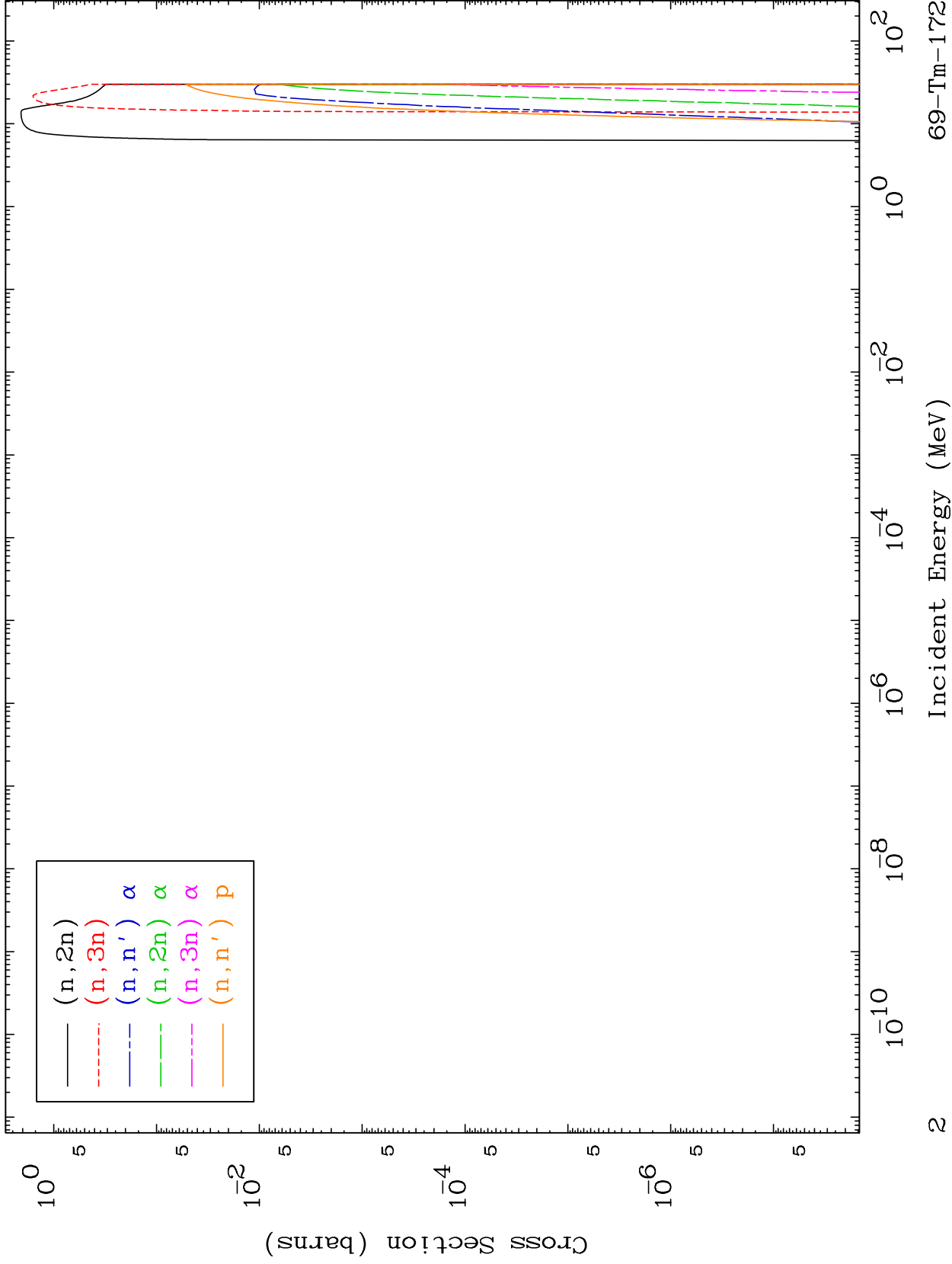
69-Tm-172

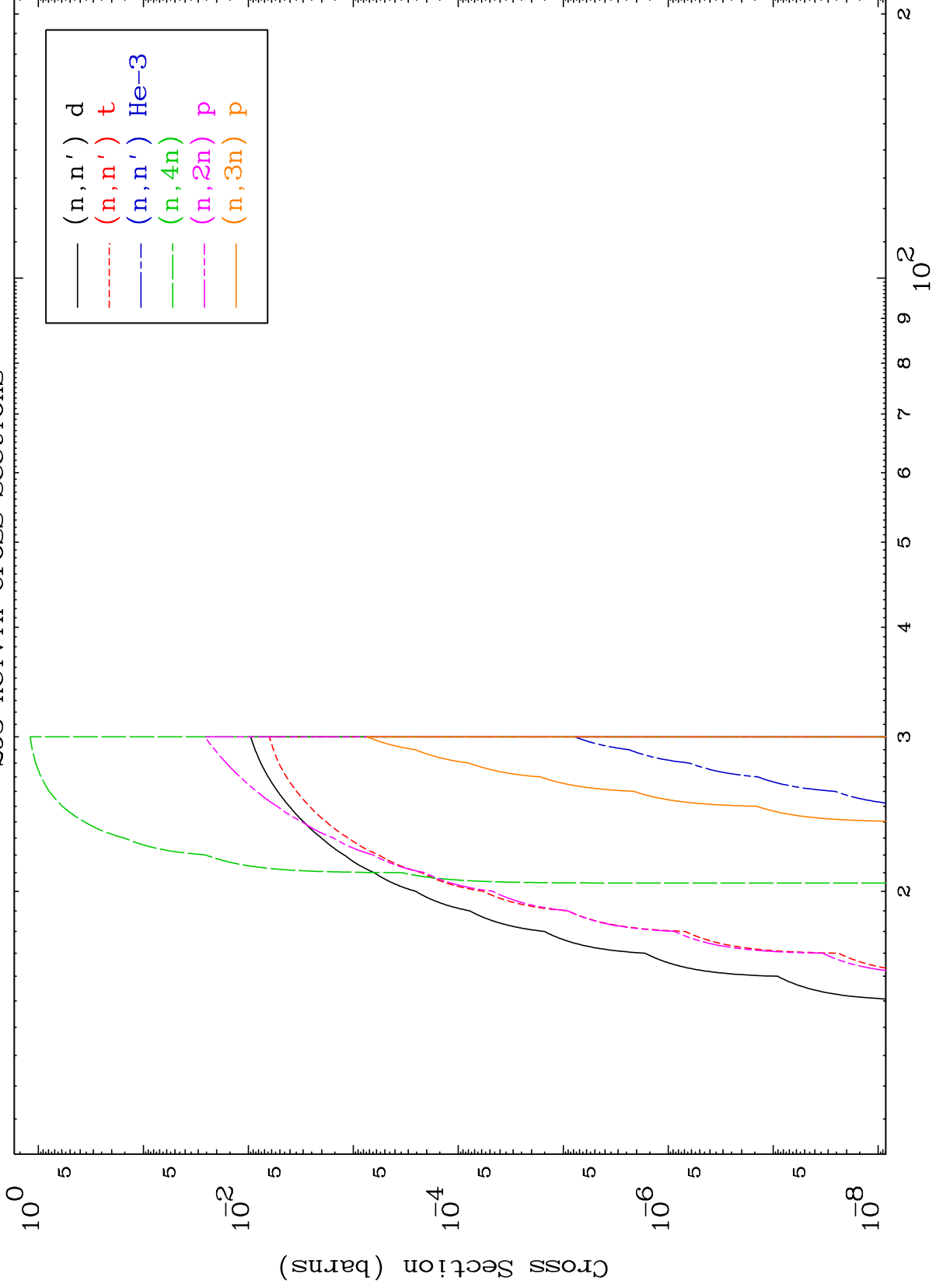


MAT 6934

Neutron Production  
293 Kelvin Cross Sections

69-Tm-172

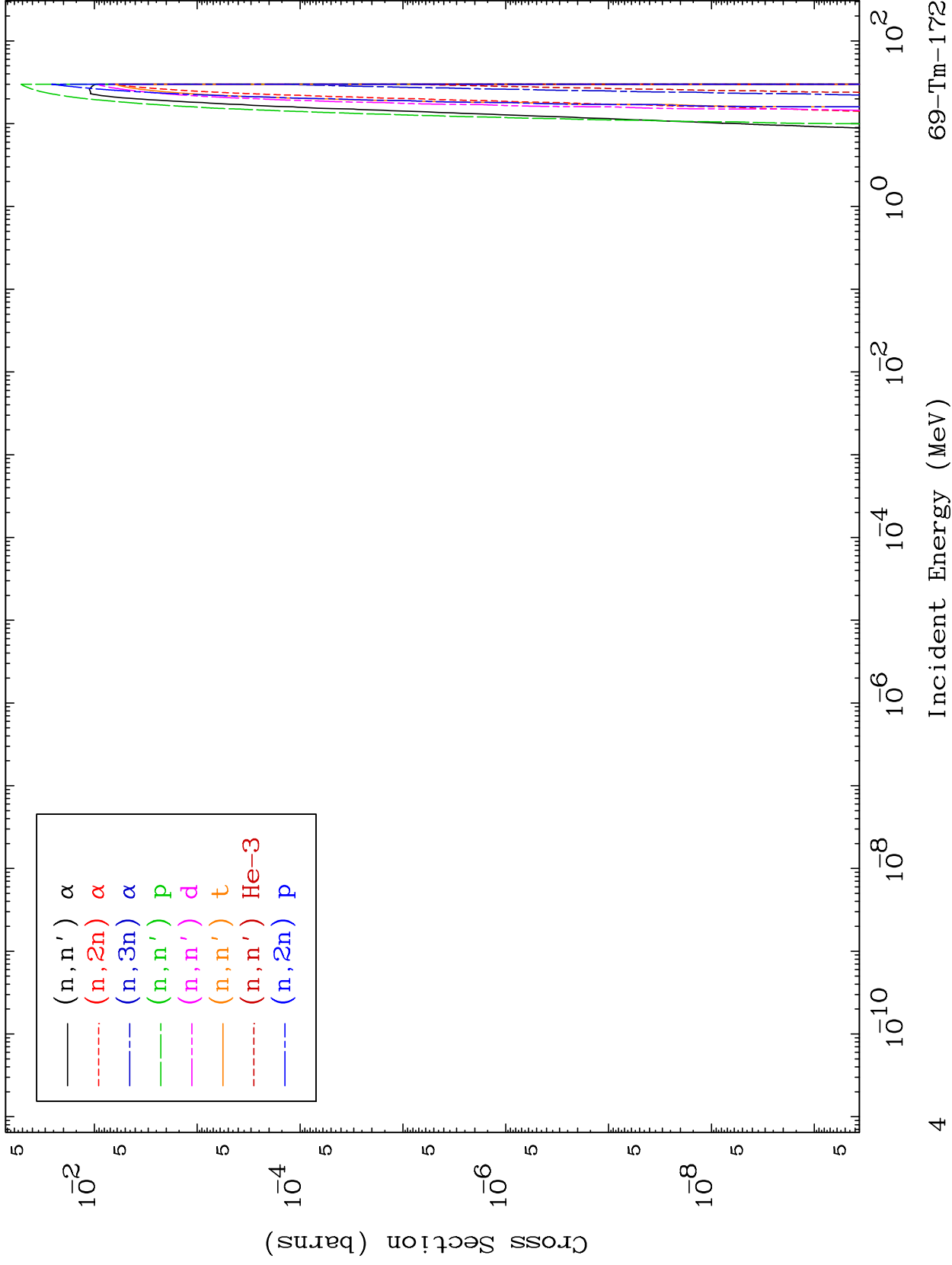




MAT 6934

Charged Particle  
293 Kelvin Cross Sections

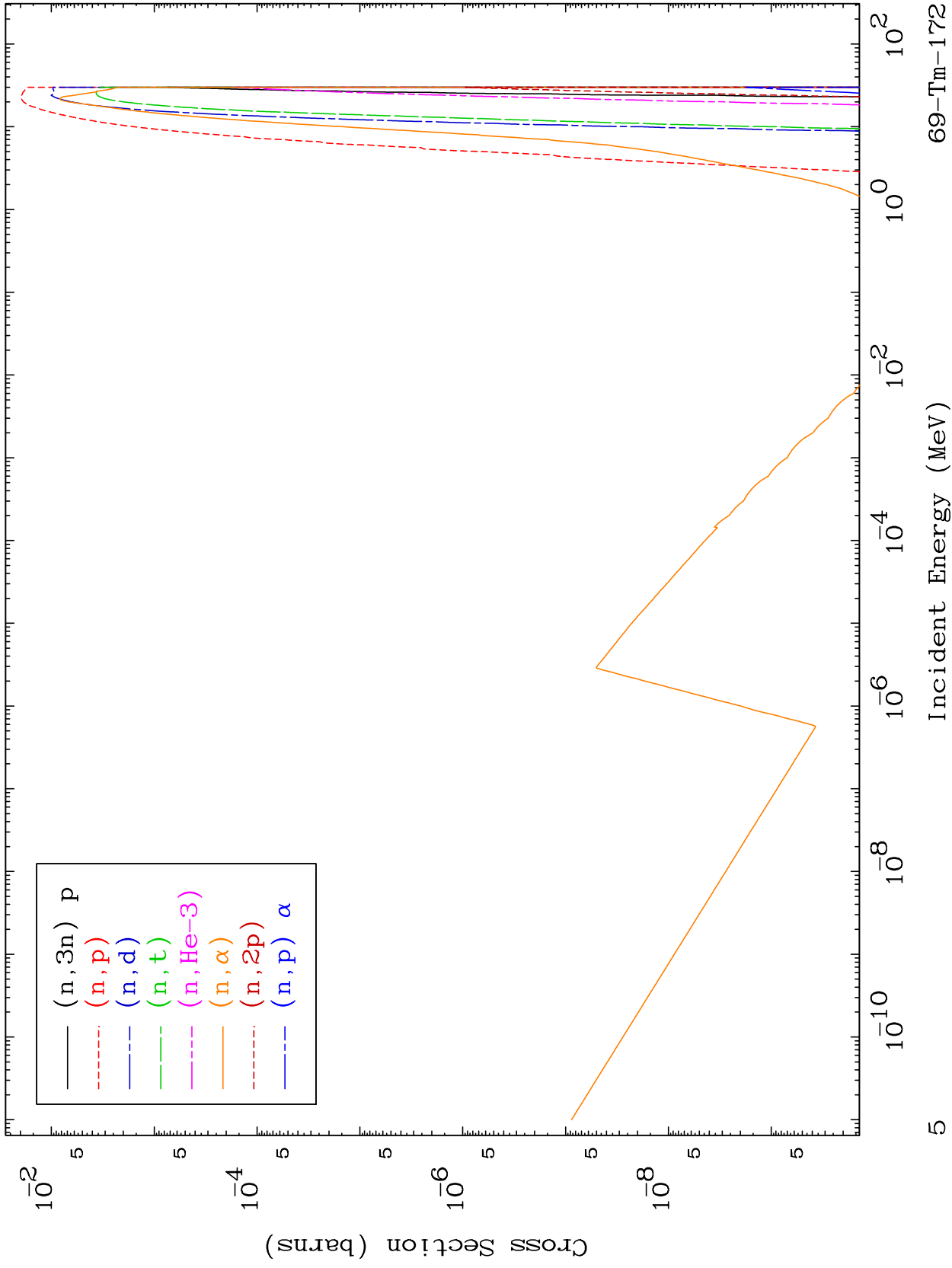
69-Tm-172



MAT 6934

Charged Particle  
293 Kelvin Cross Sections

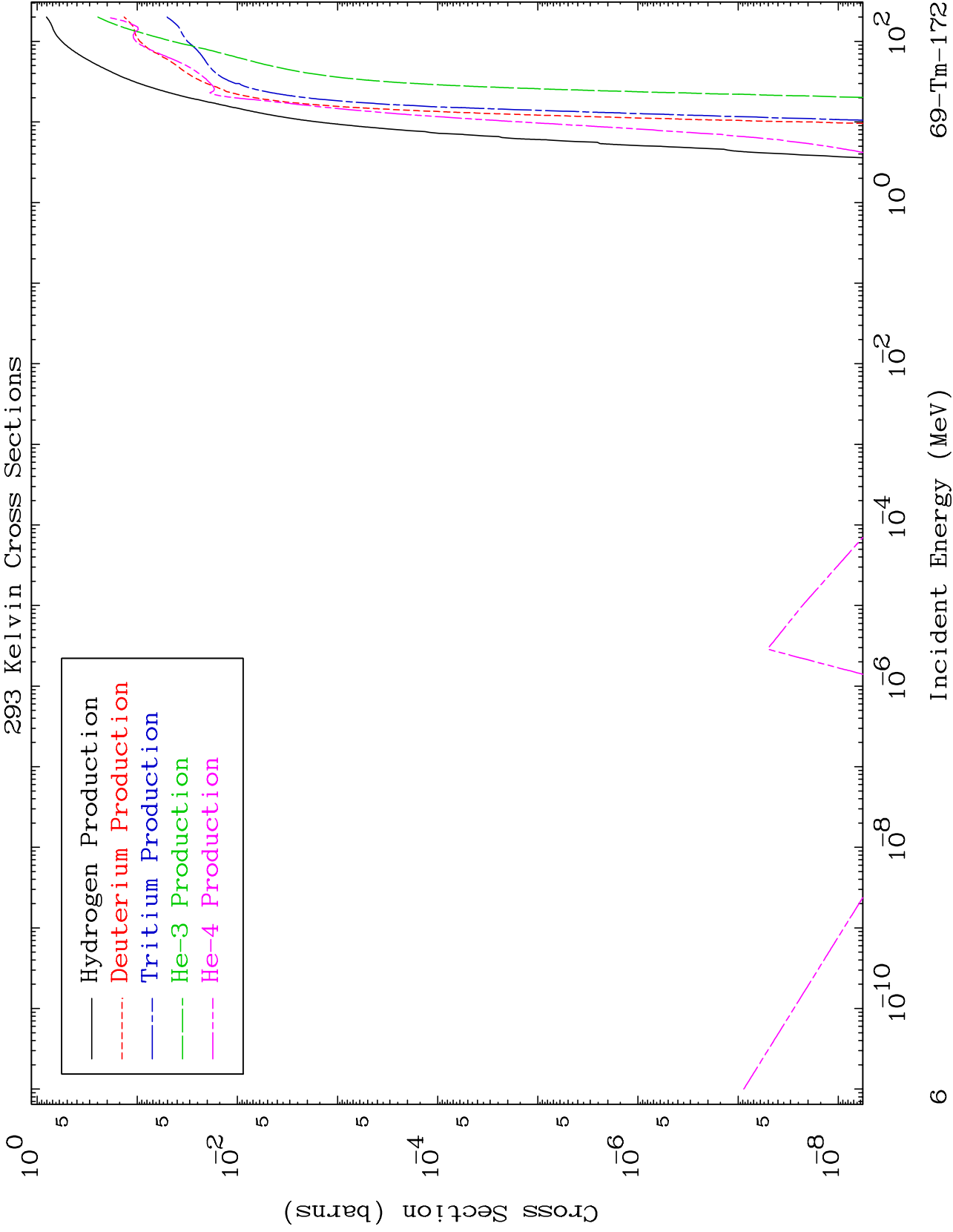
69-Tm-172



MAT 6934

Particle Production  
293 Kelvin Cross Sections

69-Tm-172

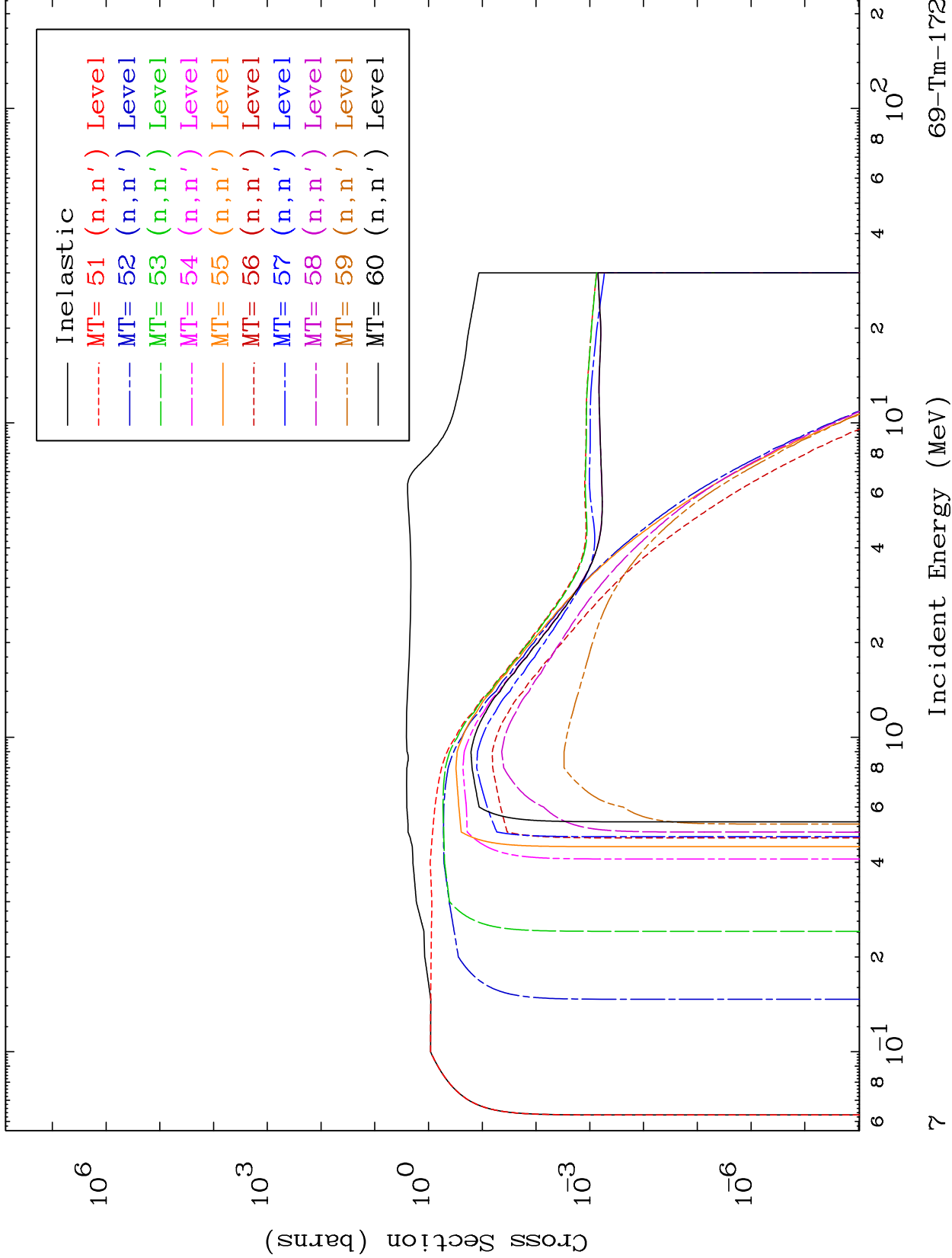


MAT 6934

(n,n') Level

69-Tm-172

293 Kelvin Cross Sections



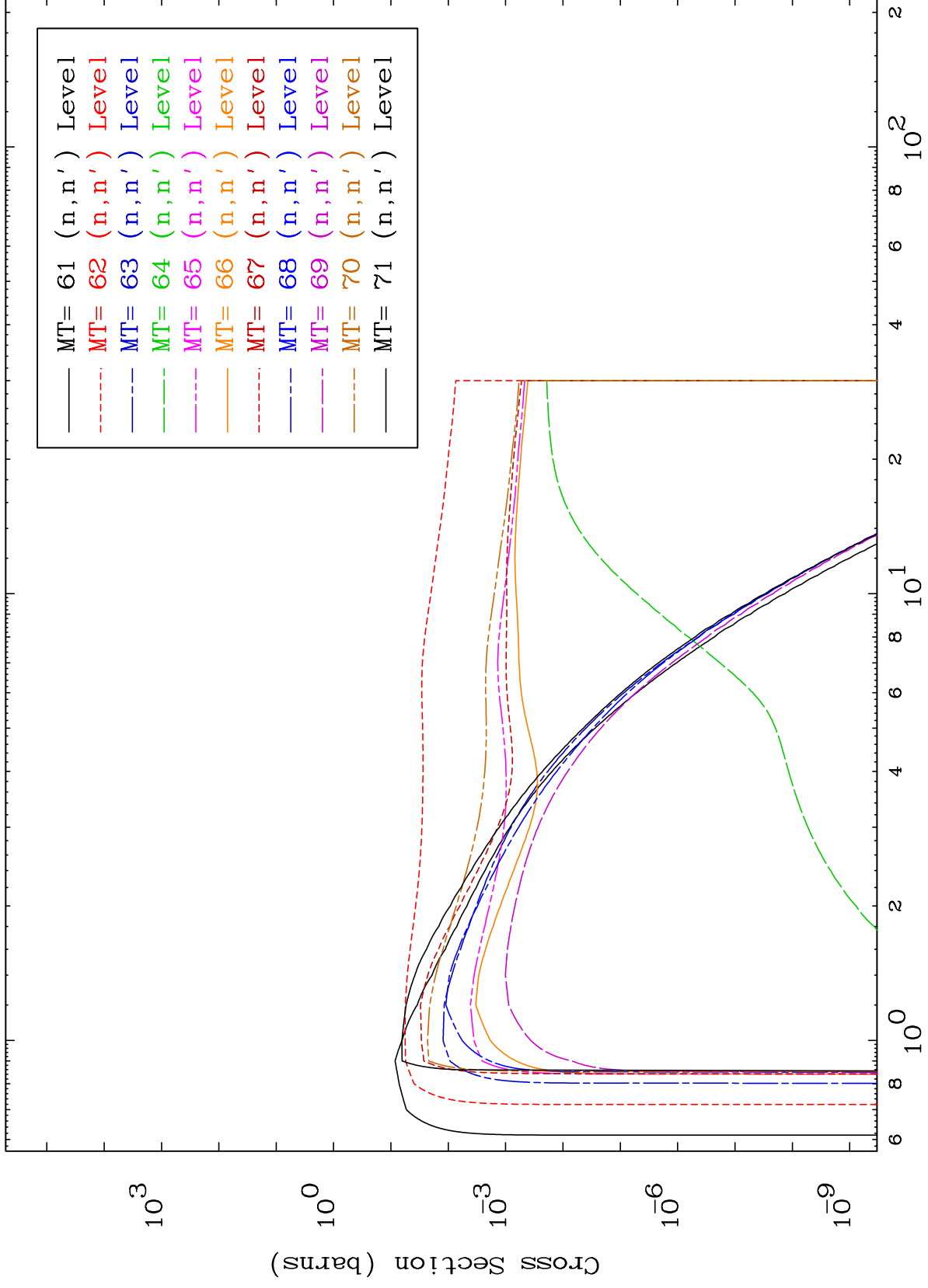


MAT 6934

(n,n') Level

293 Kelvin Cross Sections

69-Tm-172



Incident Energy (MeV)

69-Tm-172

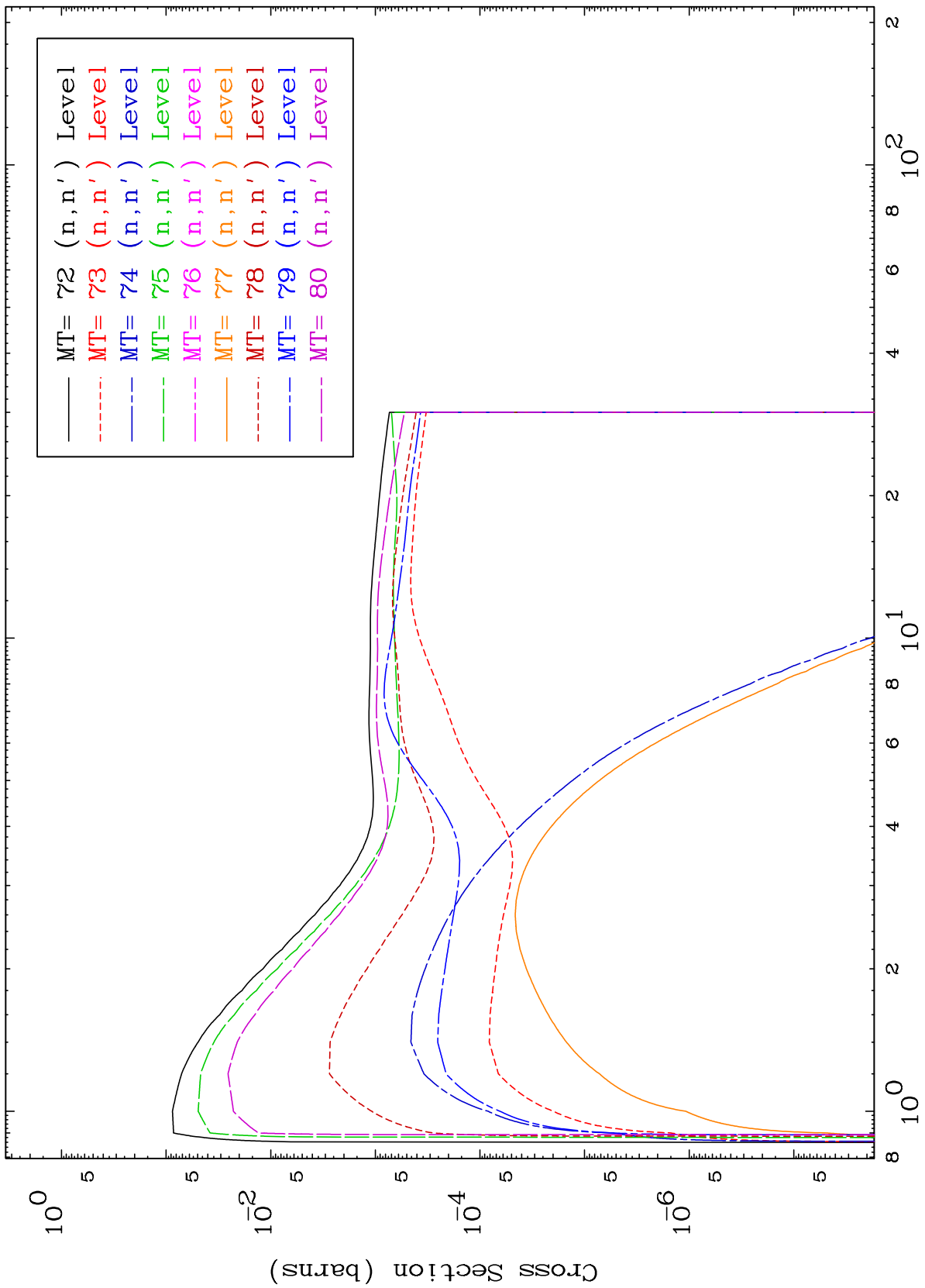
8

MAT 6934

(n,n') Level

69-Tm-172

293 Kelvin Cross Sections



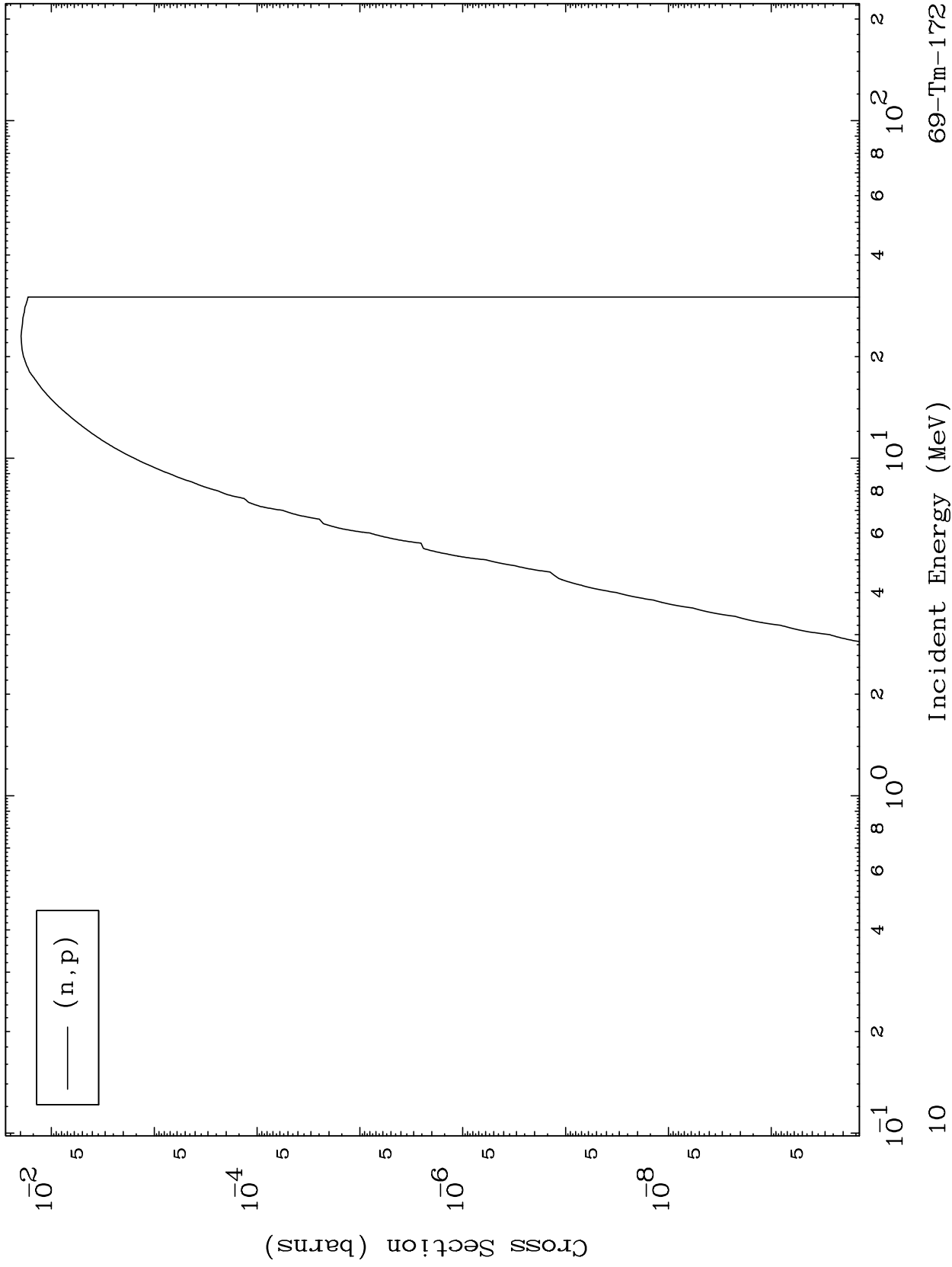
Incident Energy (MeV)

69-Tm-172

MAT 6934

(n,p) Levels  
293 Kelvin Cross Sections

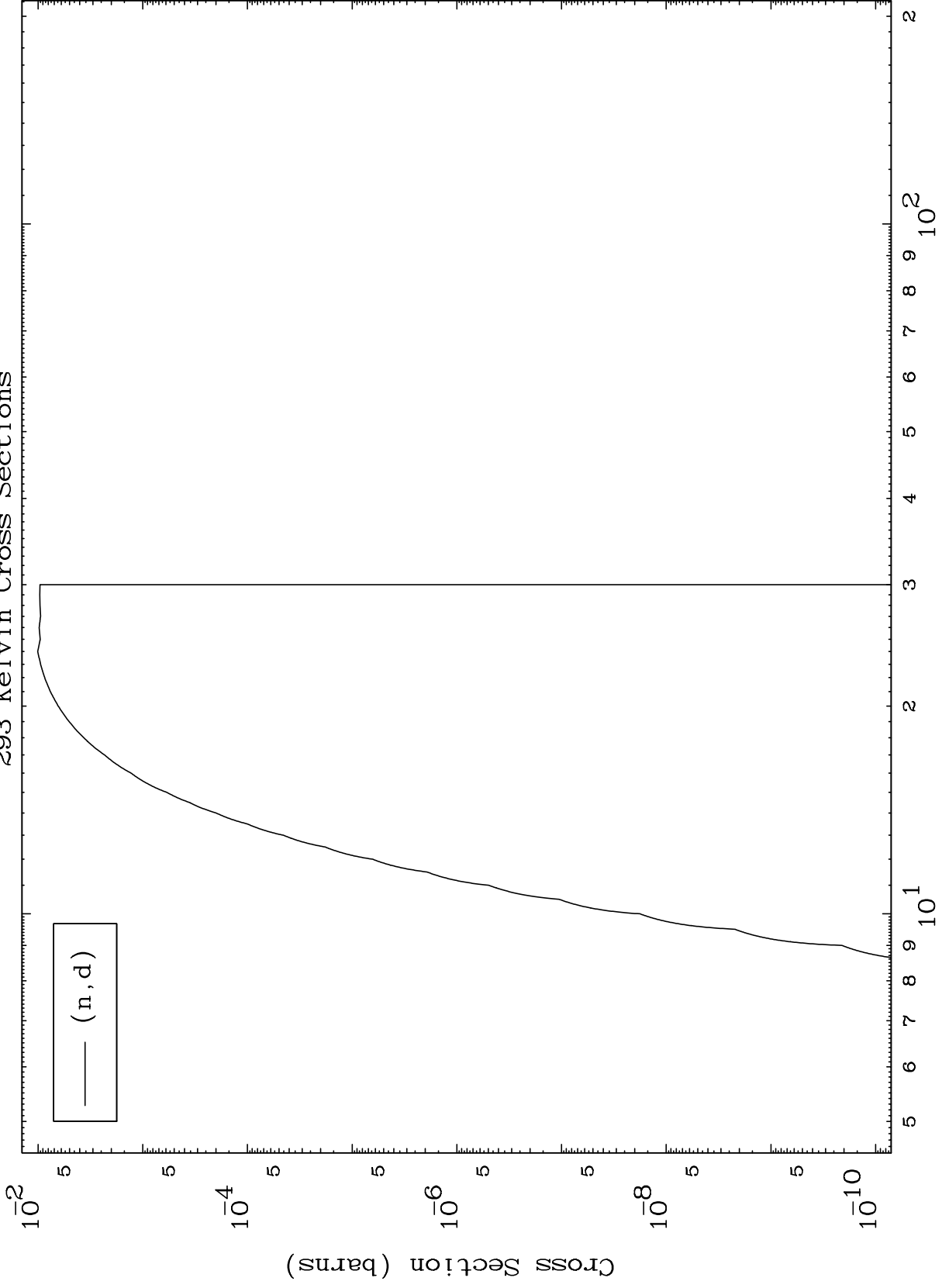
69-Tm-172



MAT 6934

(n,d) Levels  
293 Kelvin Cross Sections

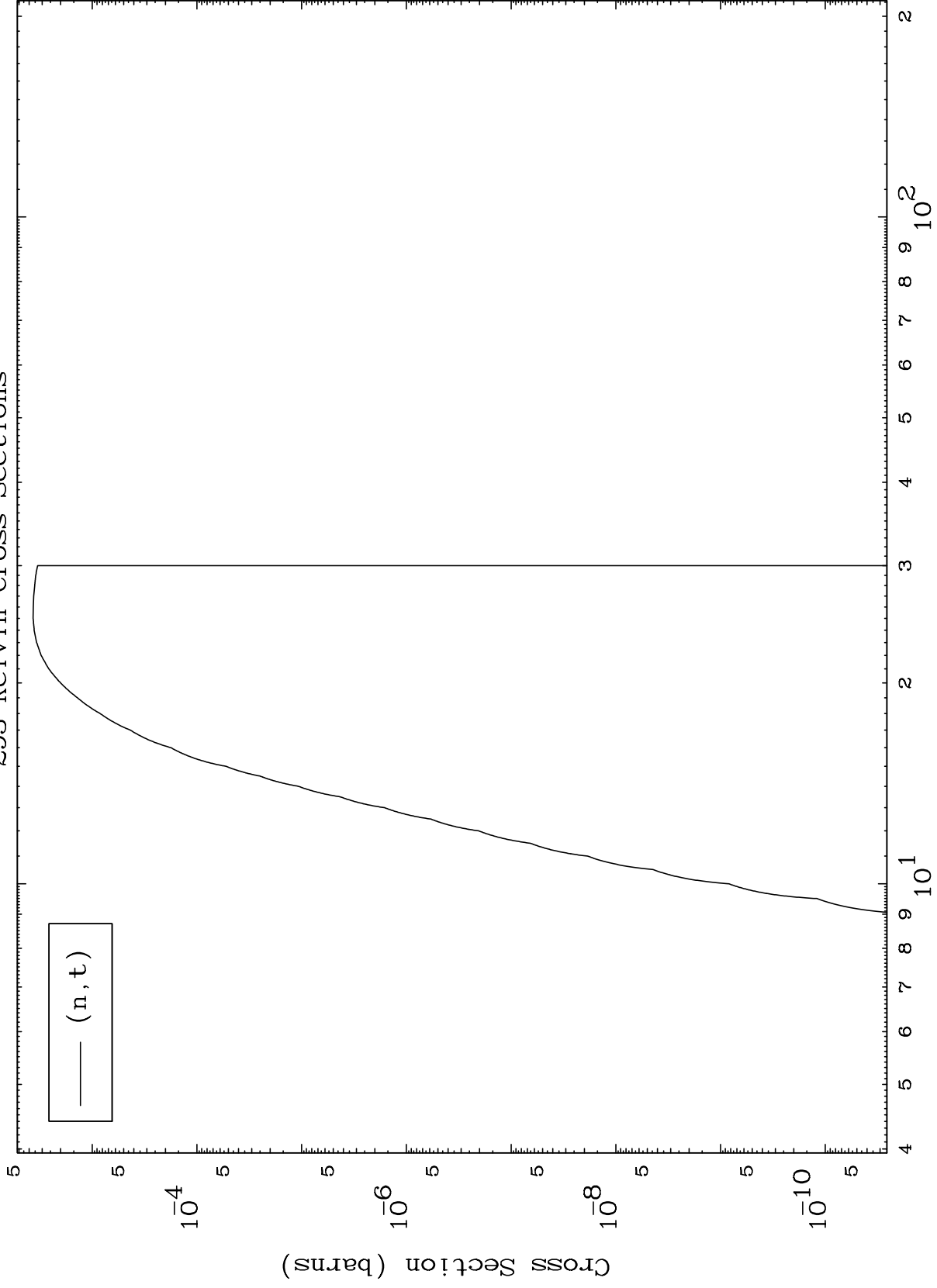
69-Tm-172



MAT 6934

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-172



12

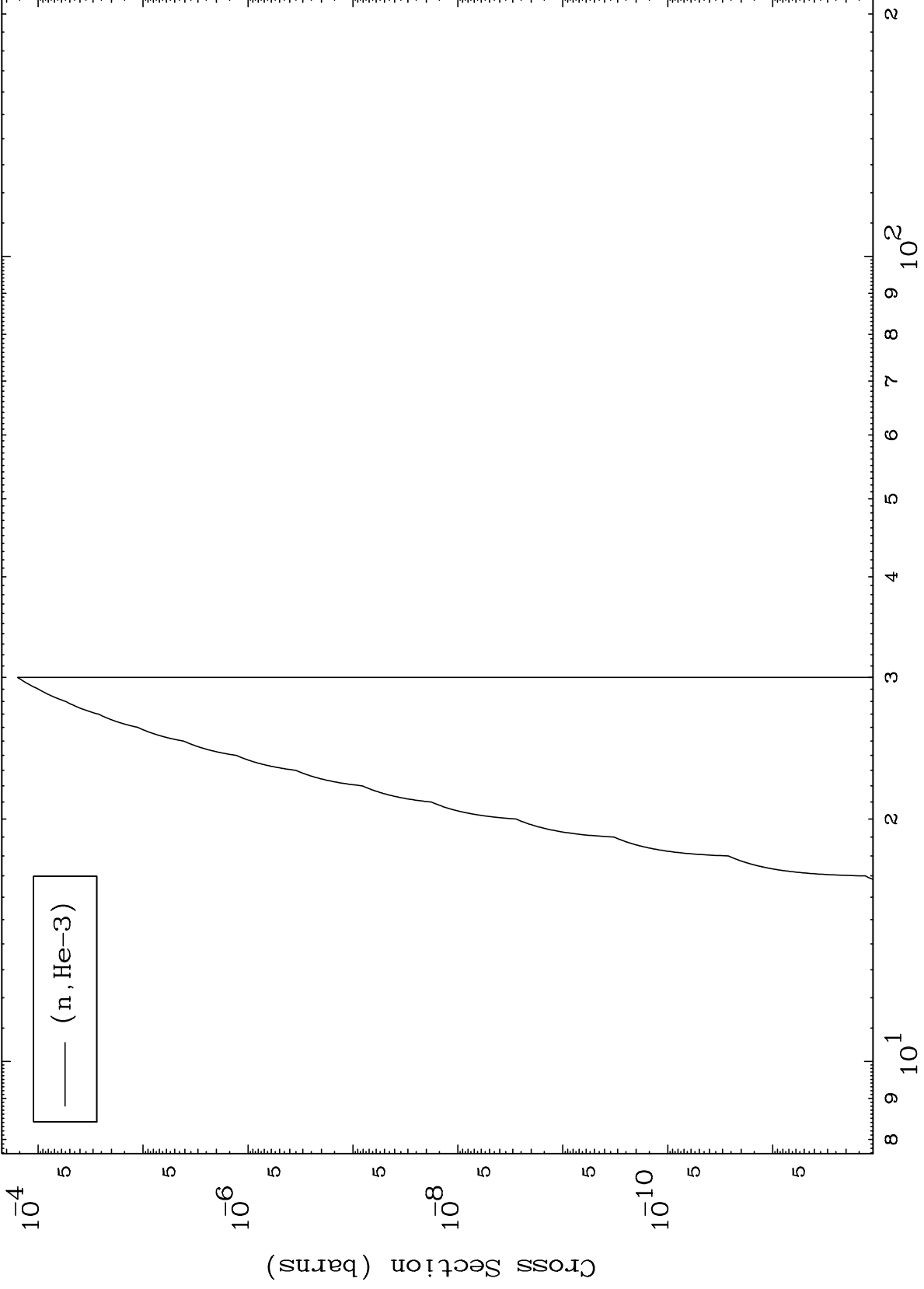
Incident Energy (MeV)

69-Tm-172

MAT 6934

(n,He3) Levels  
293 Kelvin Cross Sections

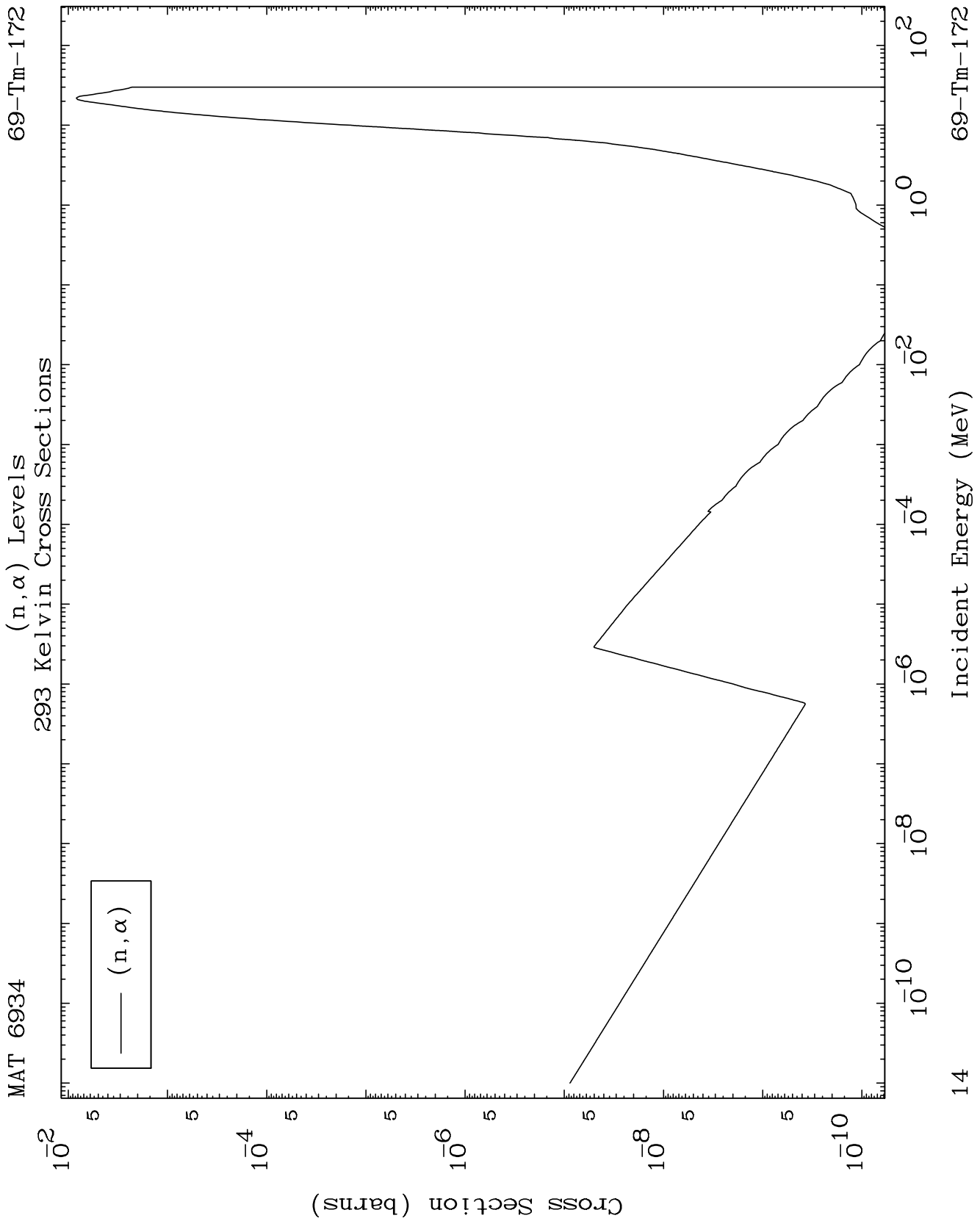
69-Tm-172

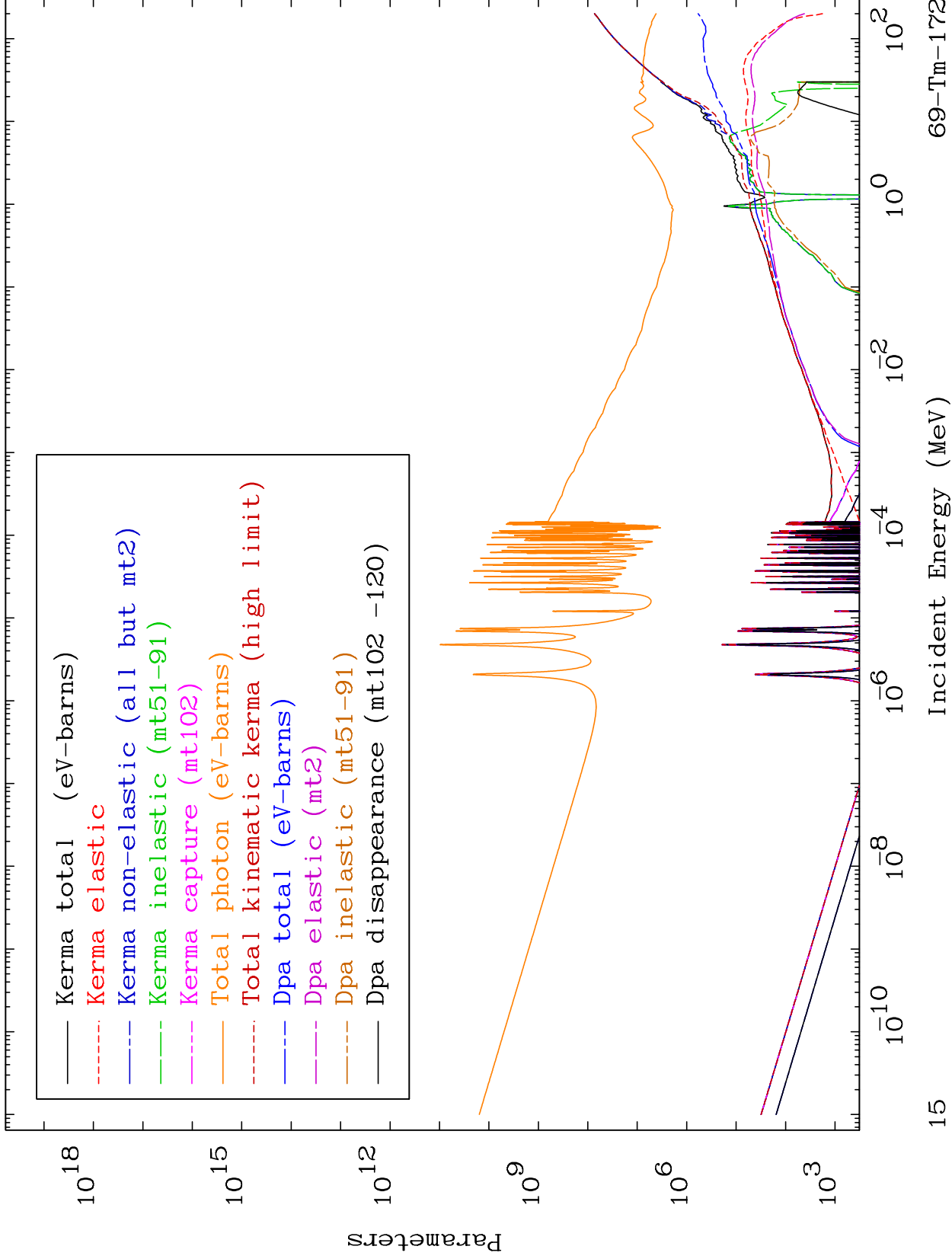


13

Incident Energy (MeV)

69-Tm-172



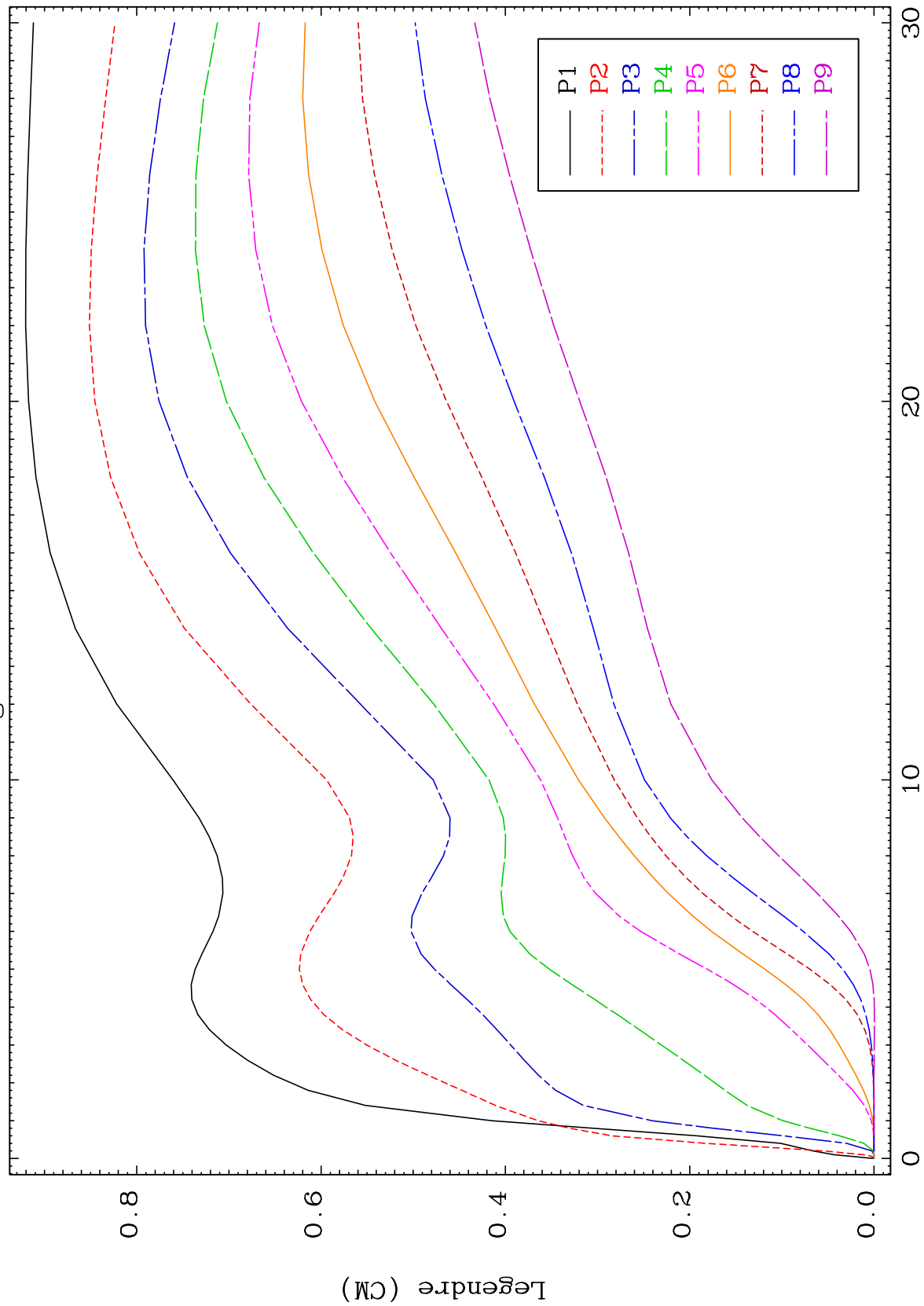




MAT 6934

Elastic Legendre Coefficients

69-Tm-172



16

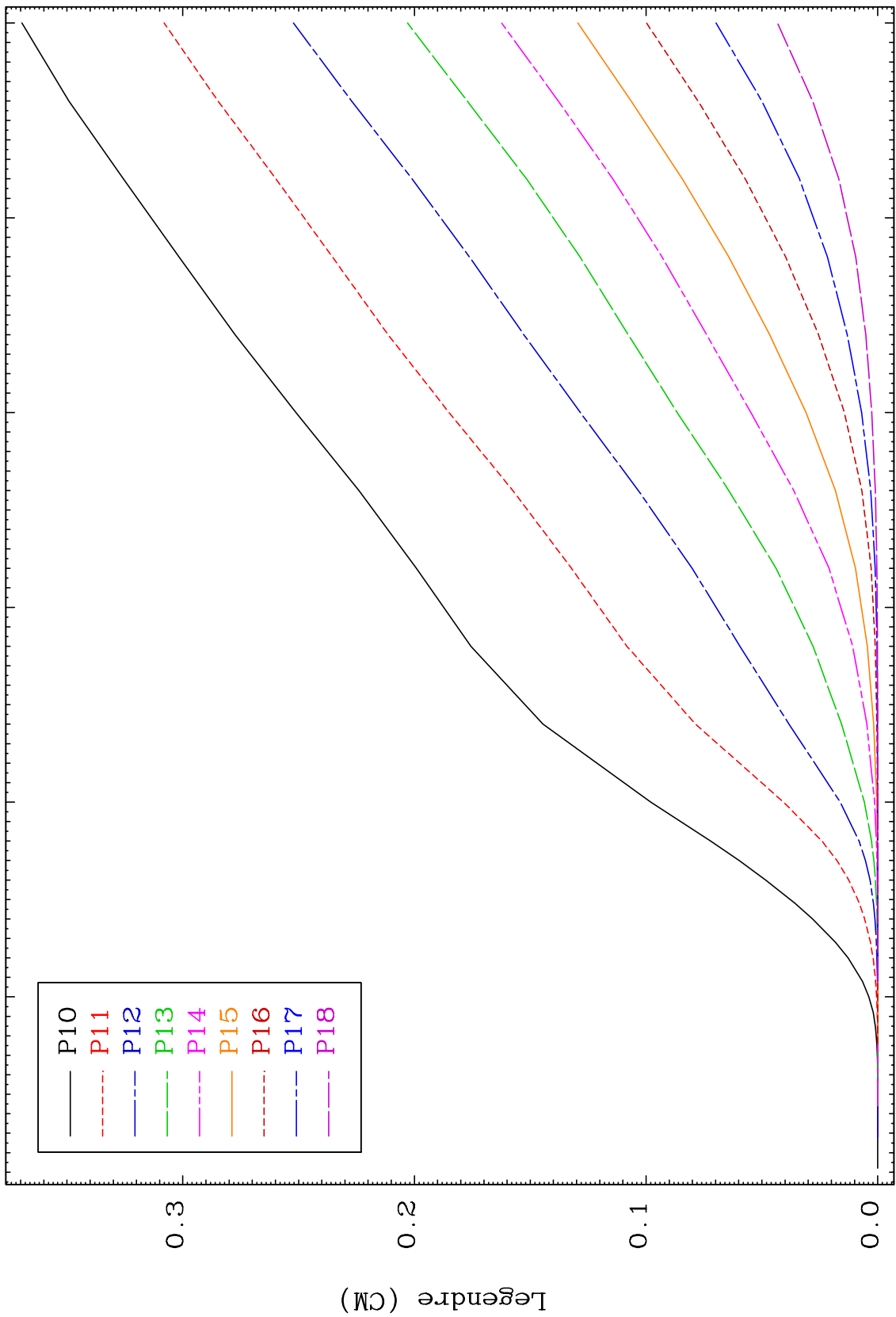
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic Legendre Coefficients

69-Tm-172



17

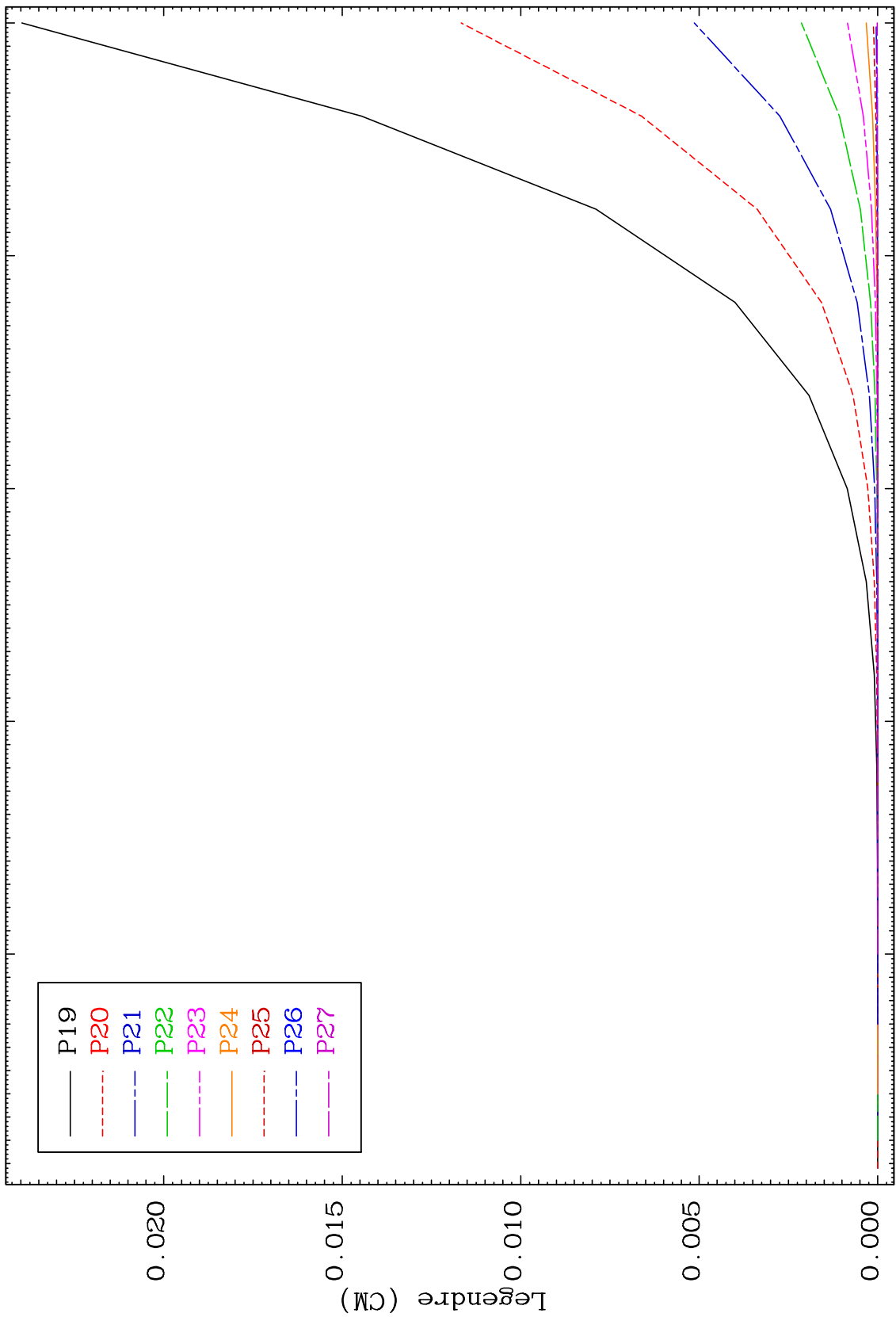
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic Legendre Coefficients

69-Tm-172



18

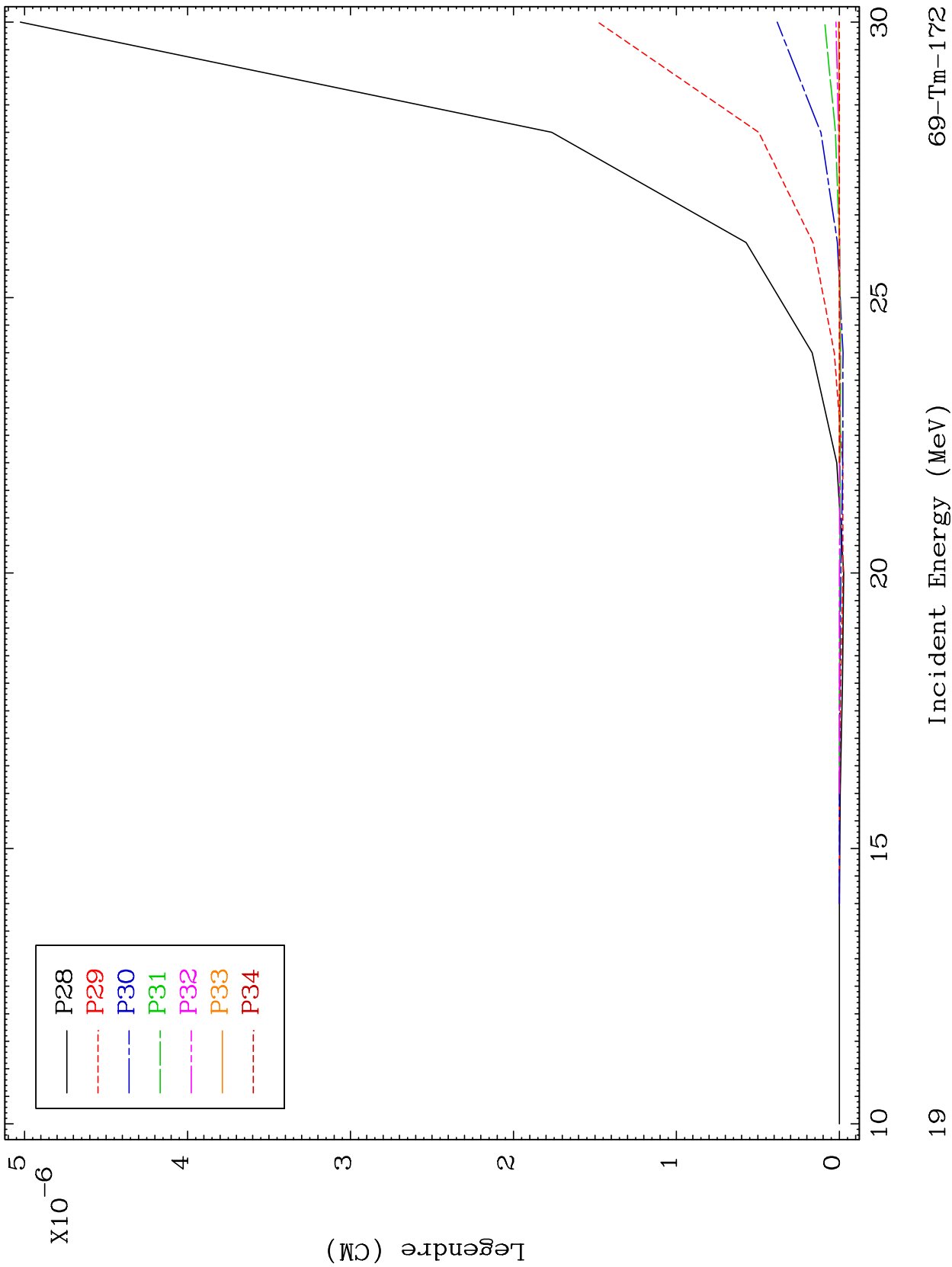
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic  
Legendre Coefficients

69-Tm-172



19

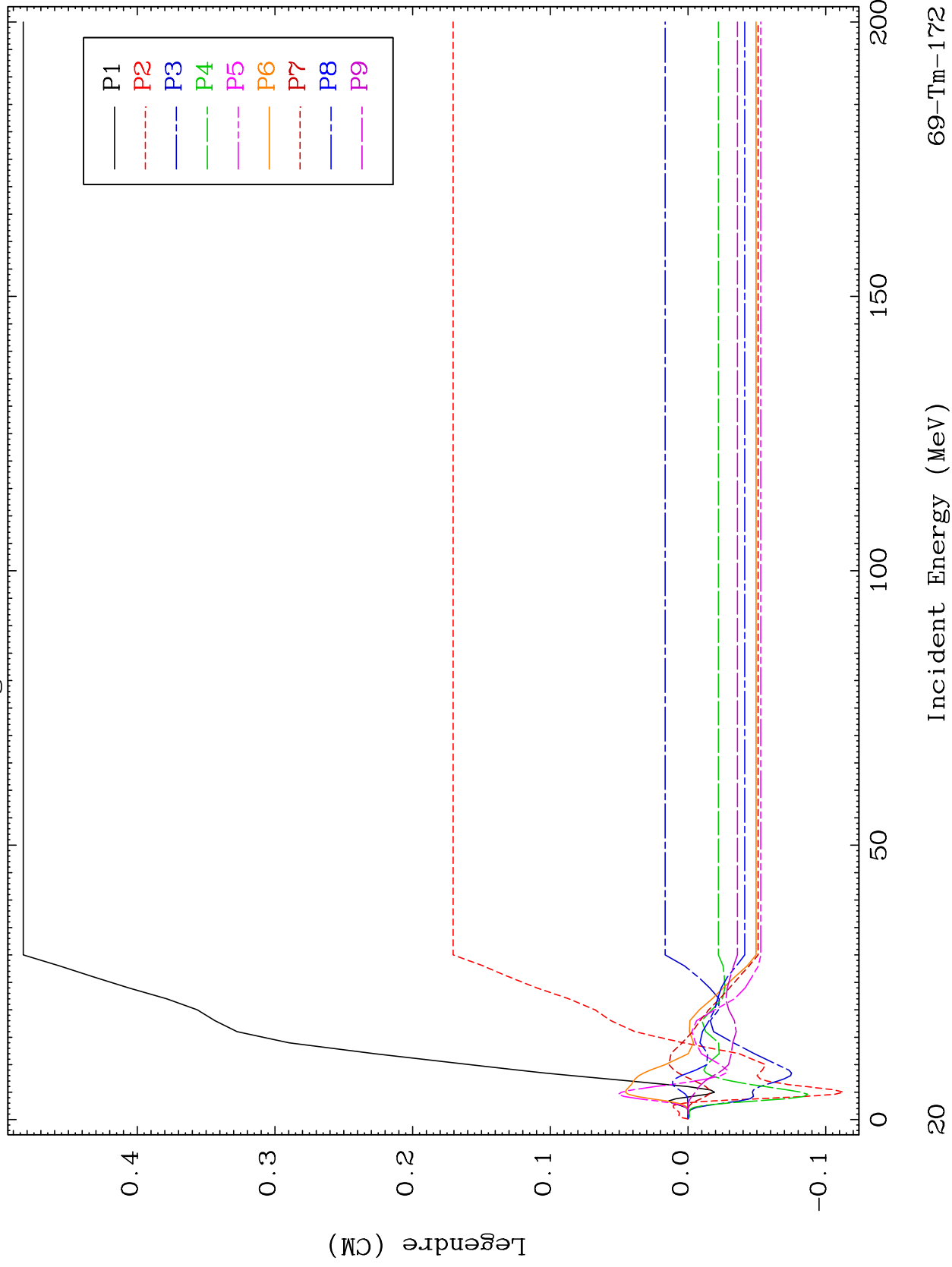
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

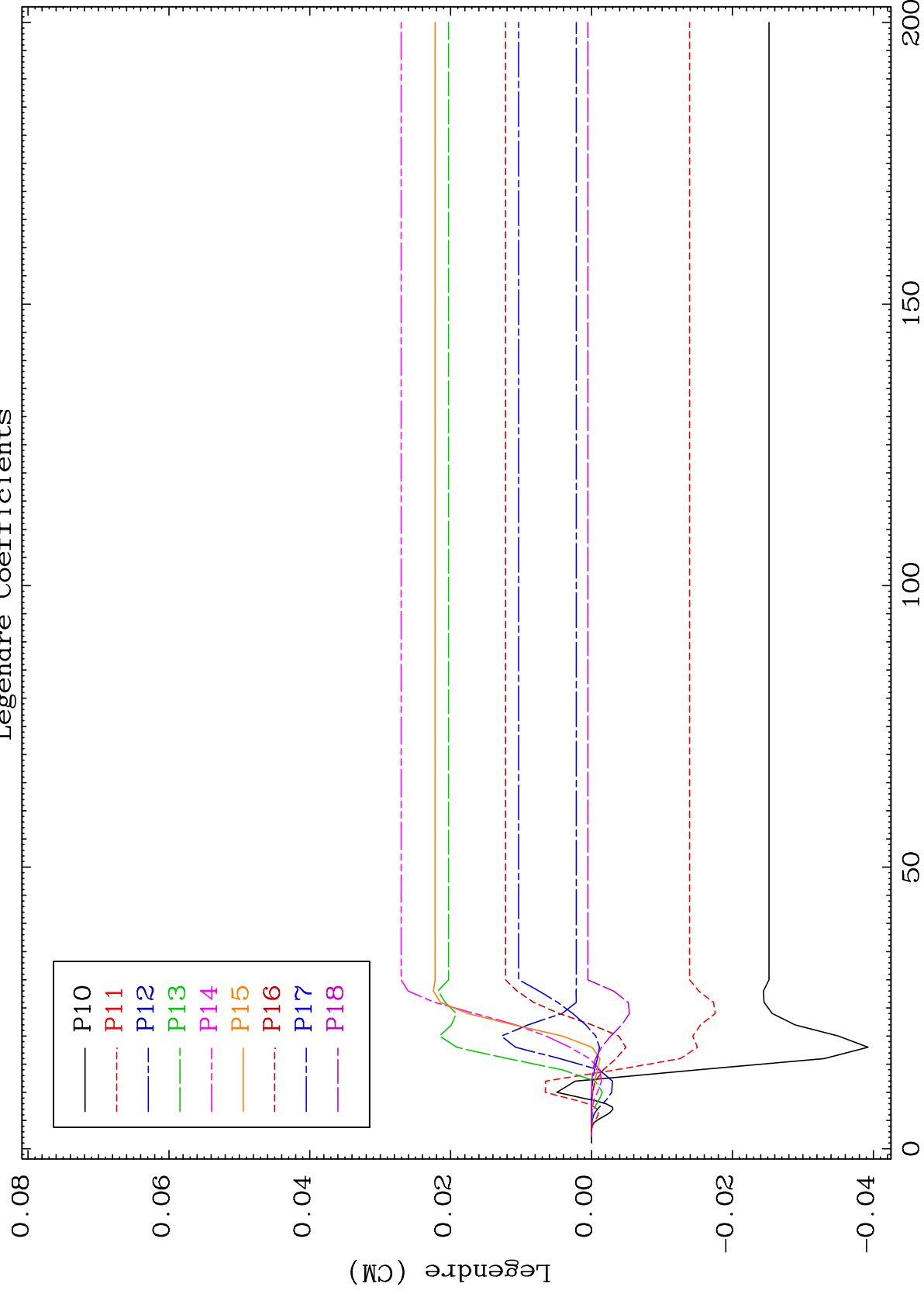
Incident Energy (MeV)

0

MAT 6934

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

69-Tm-172



21

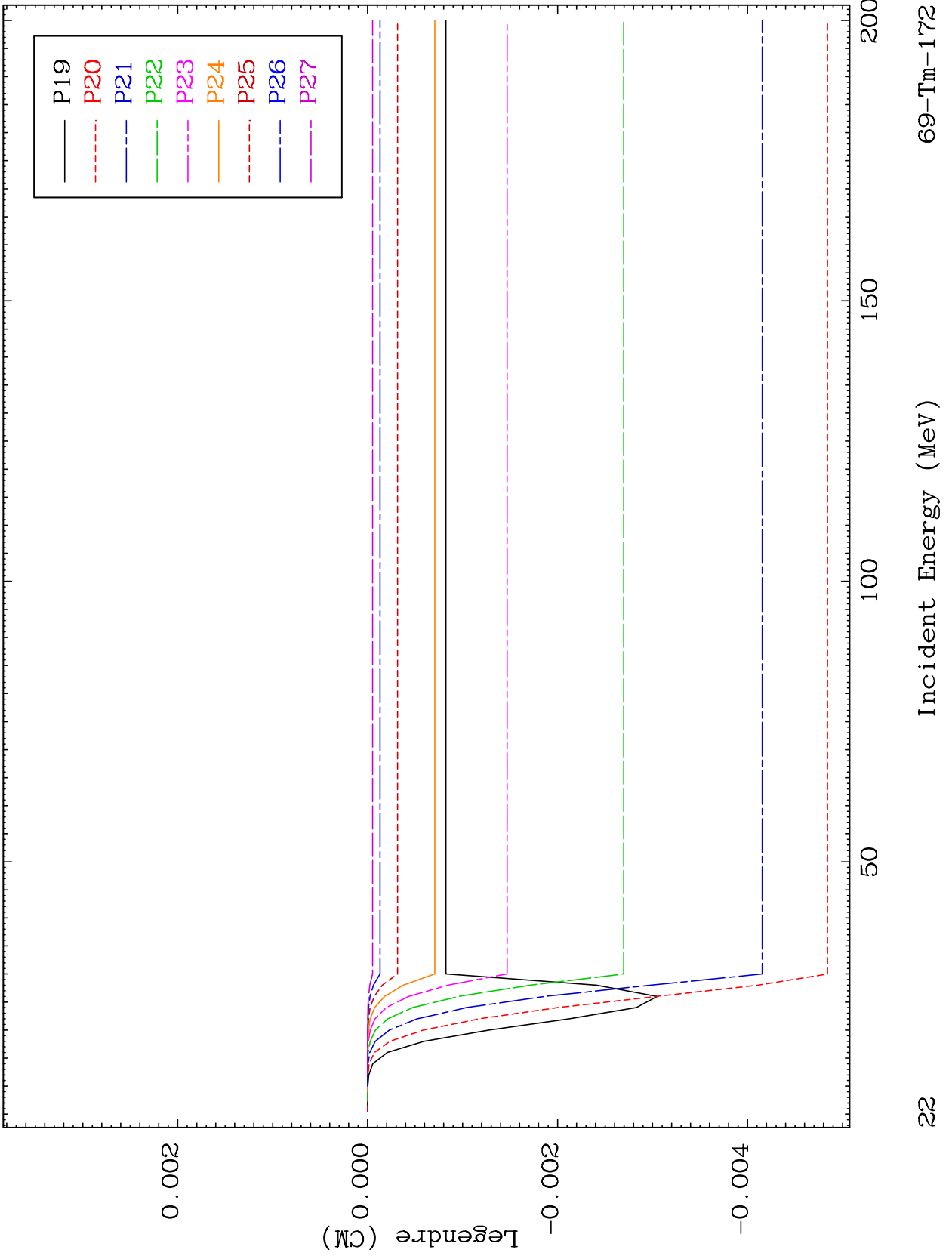
Incident Energy (MeV)

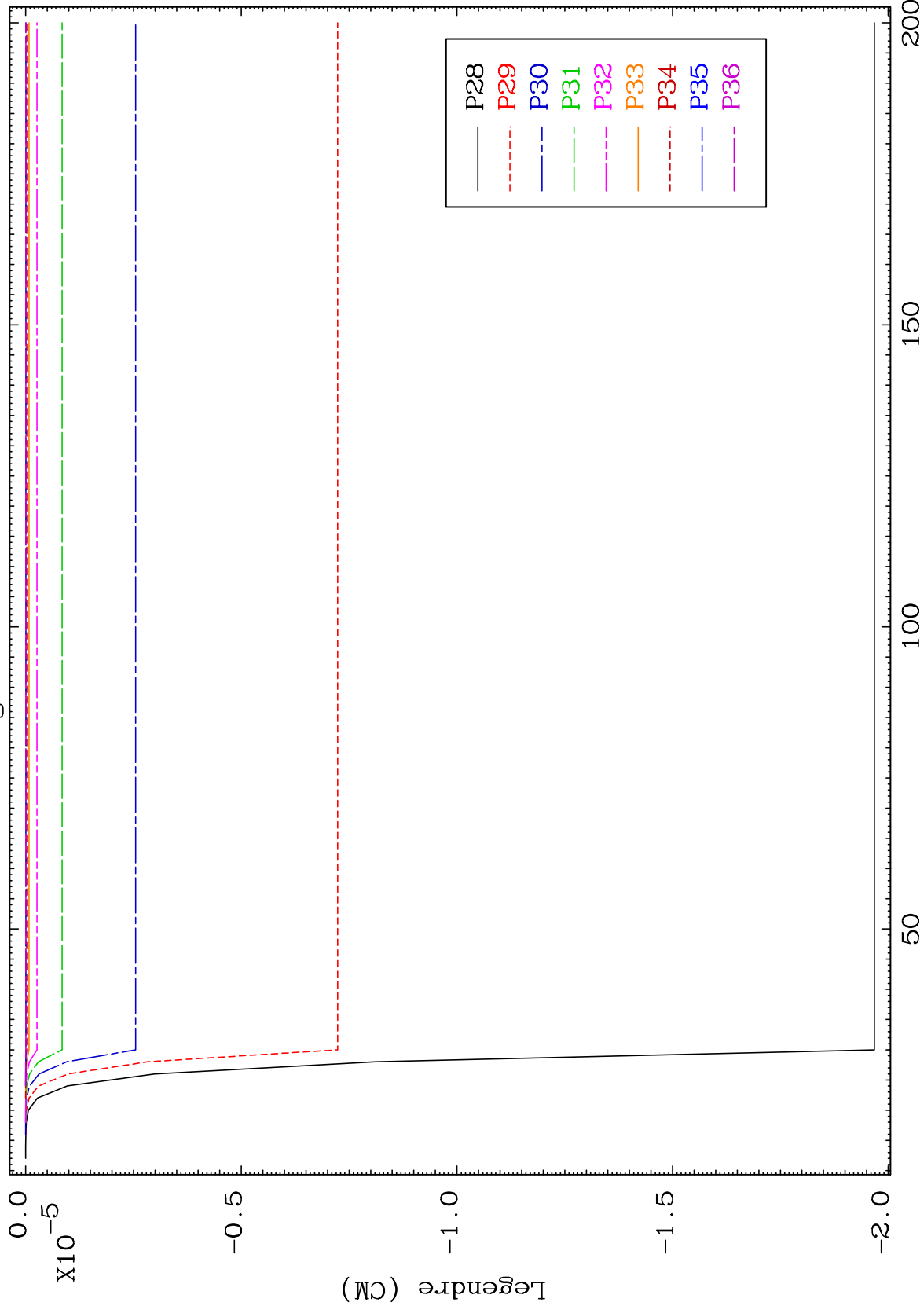
69-Tm-172

MAT 6934

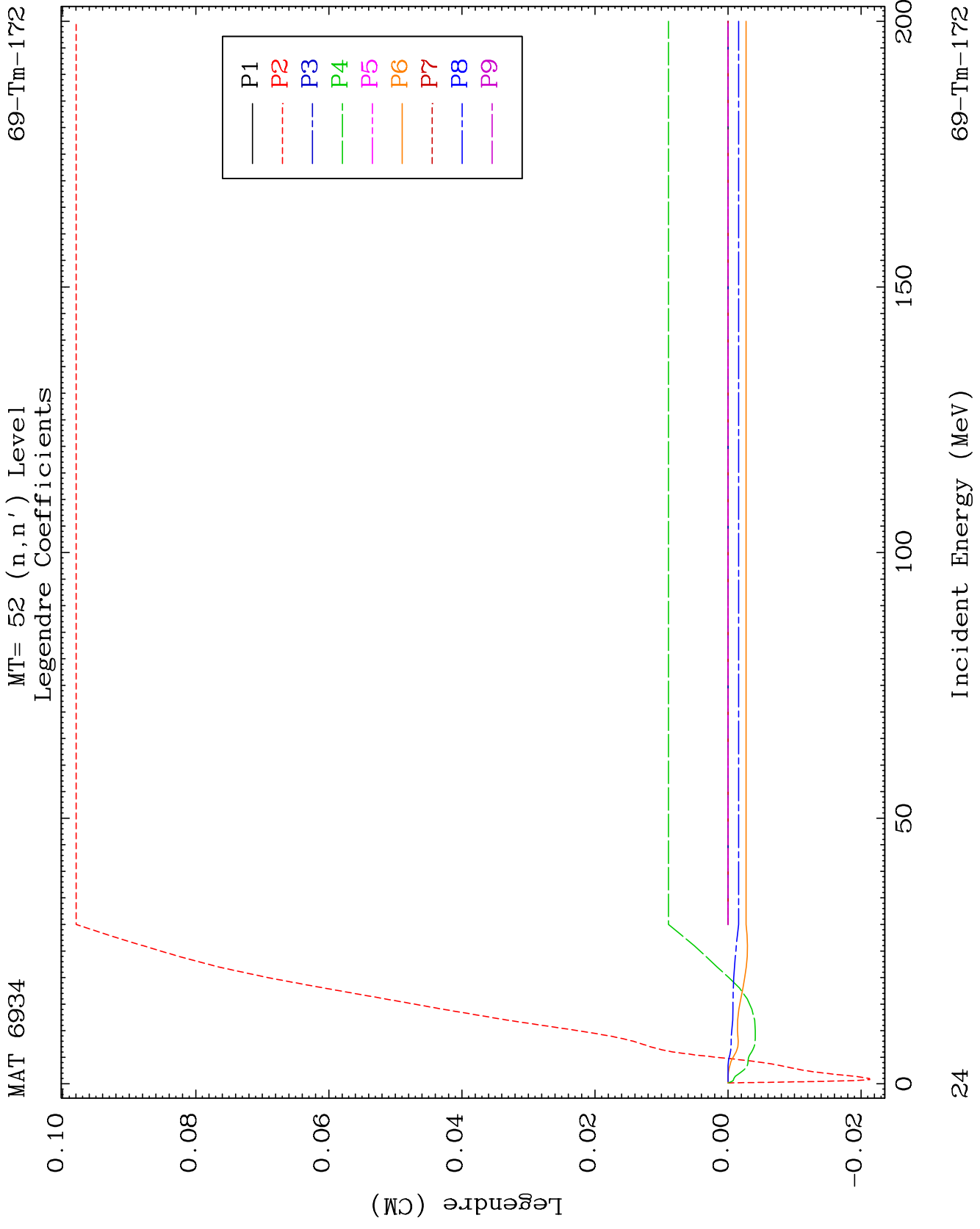
MT= 51 (n,n') Level  
Legendre Coefficients

69-Tm-172





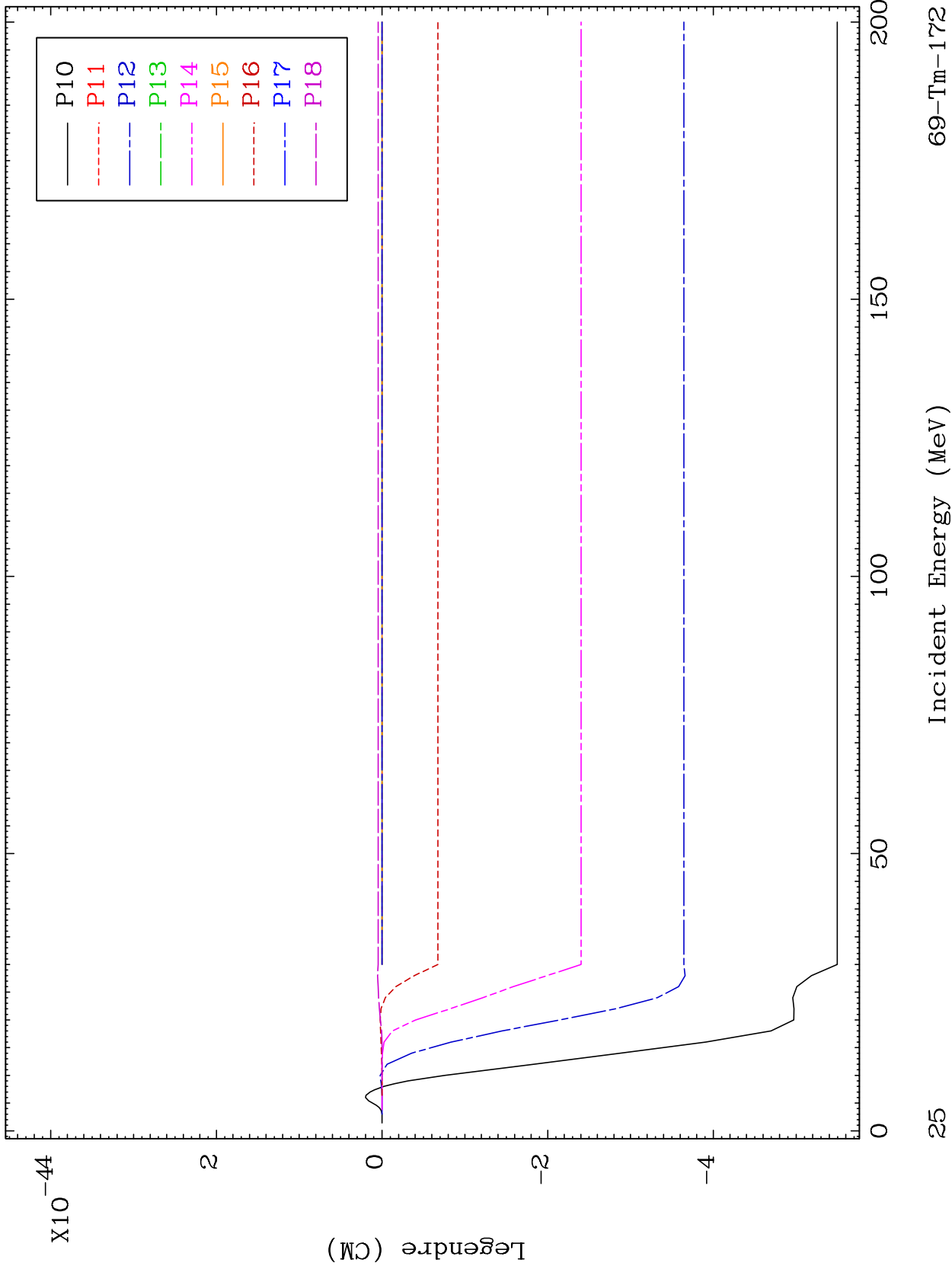




MAT 6934

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

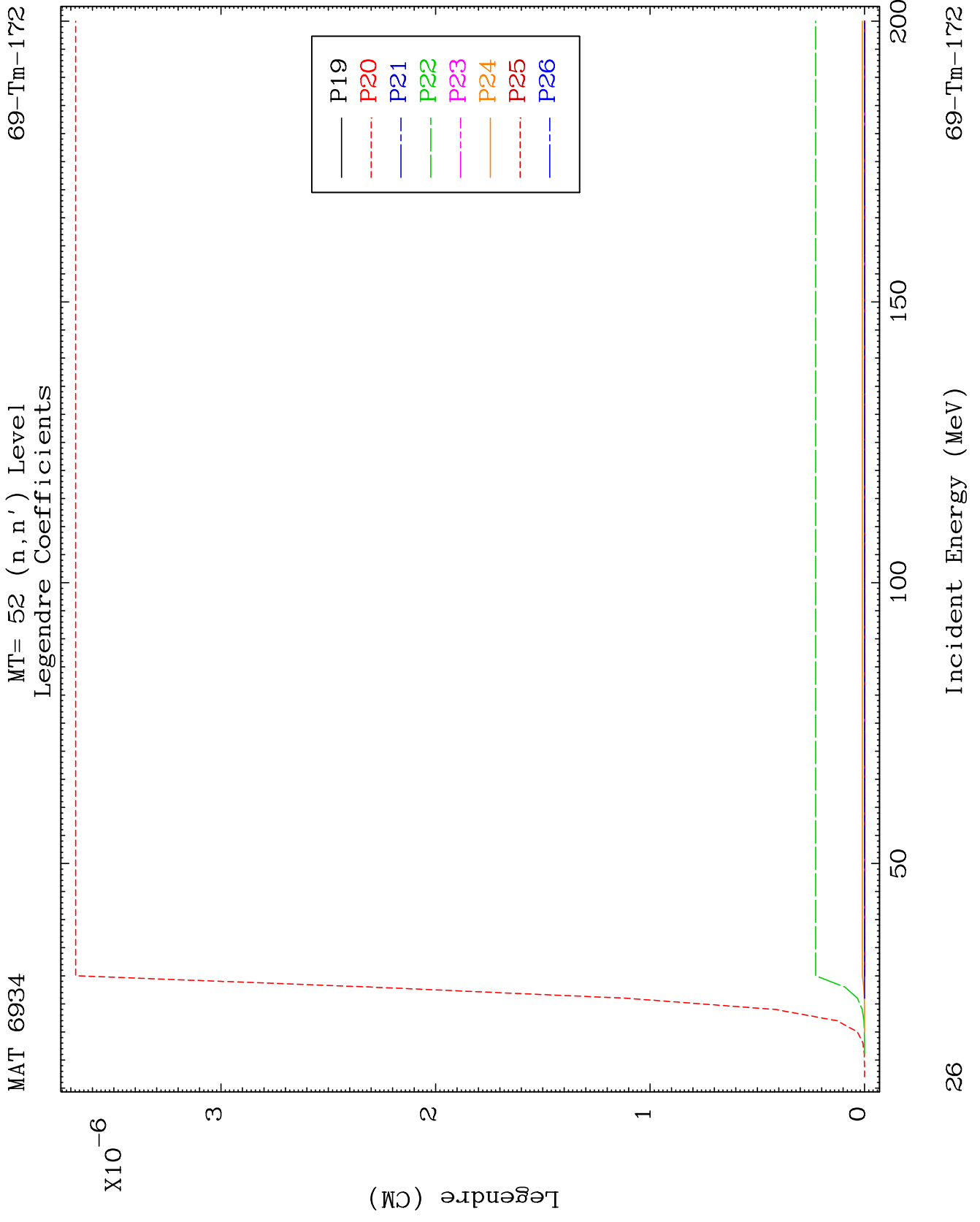
69-Tm-172



69-Tm-172

Incident Energy (MeV)

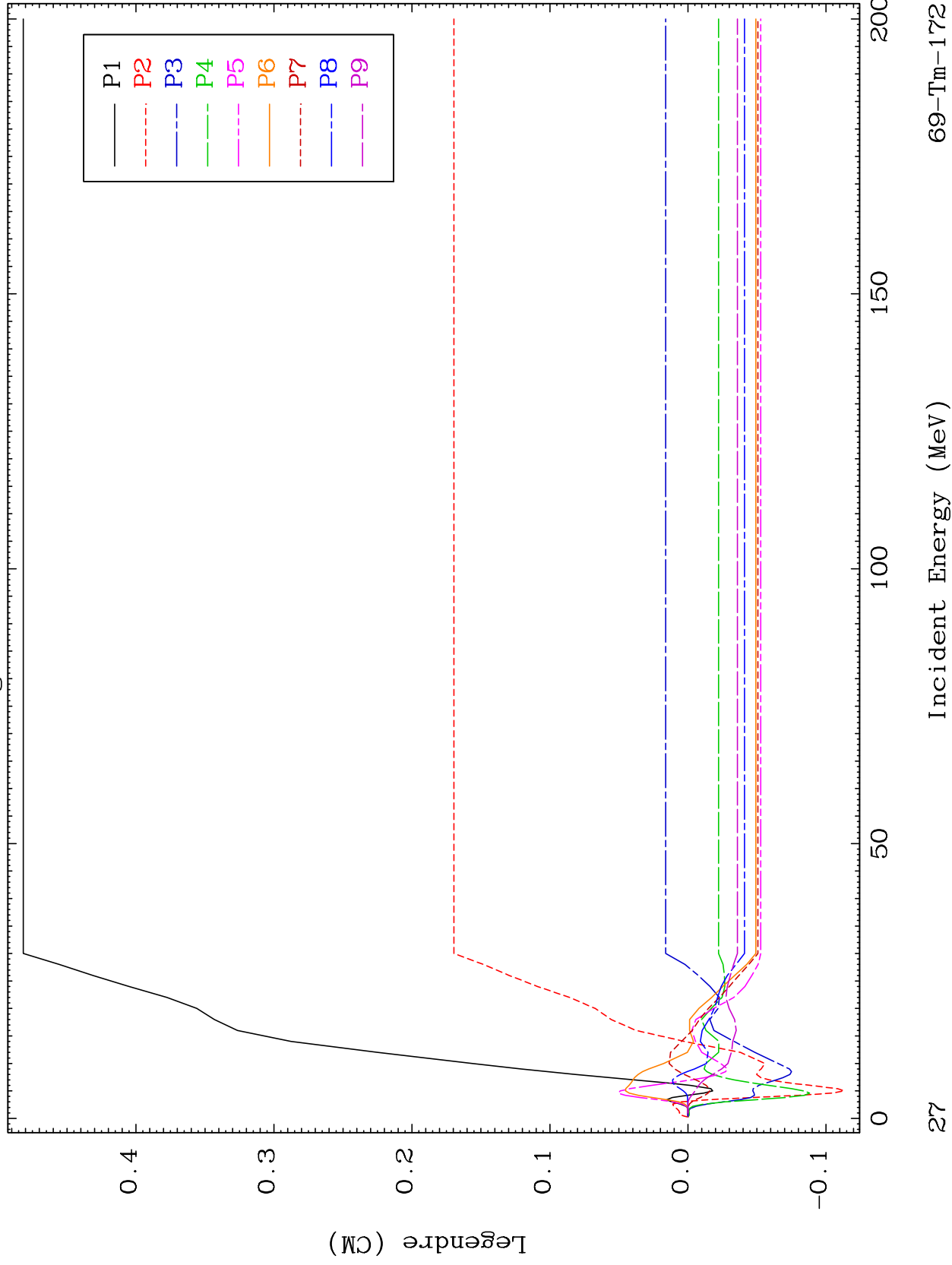
25



MAT 6934

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

69-Tm-172

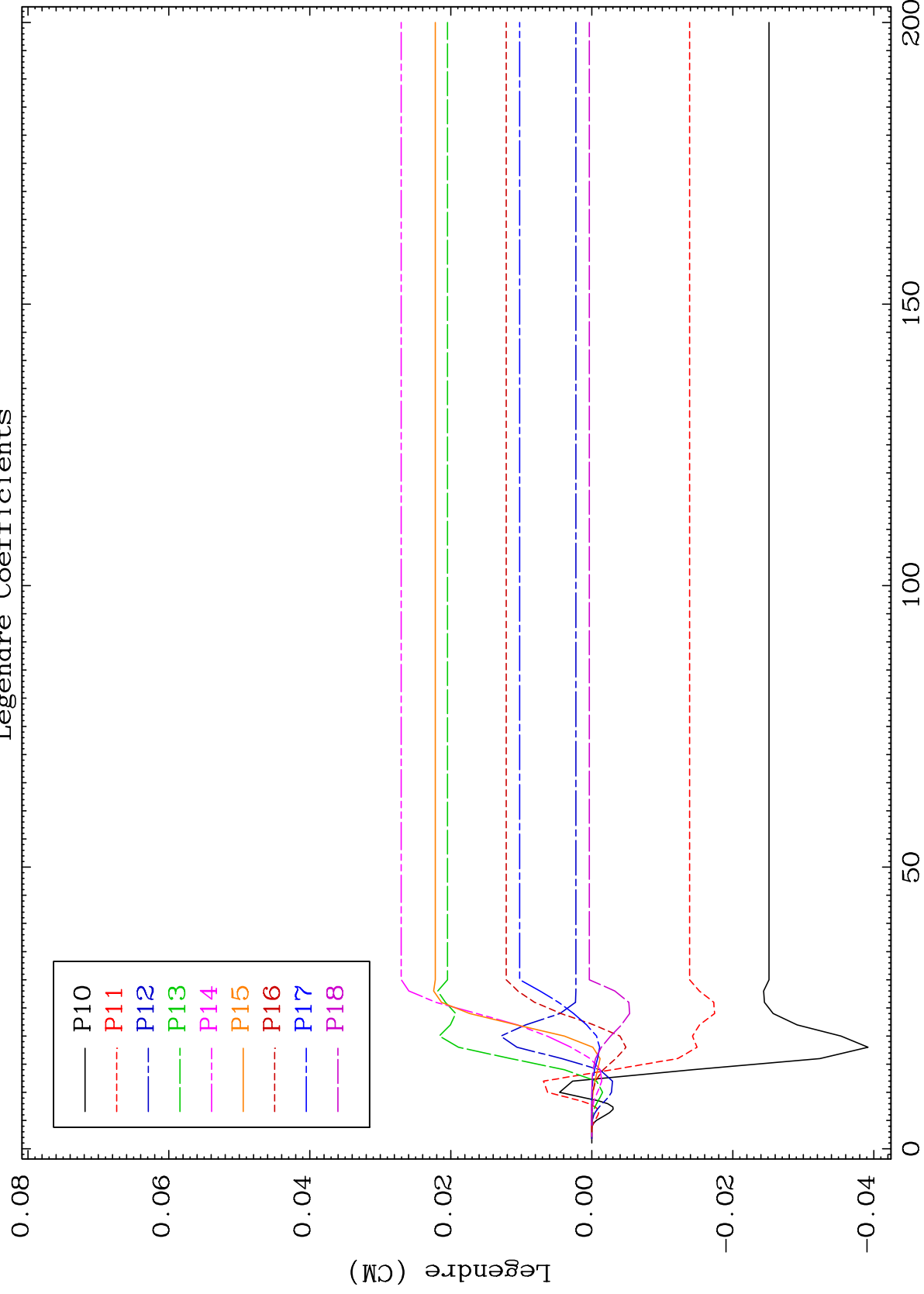


69-Tm-172

MAT 6934

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

69-Tm-172



28

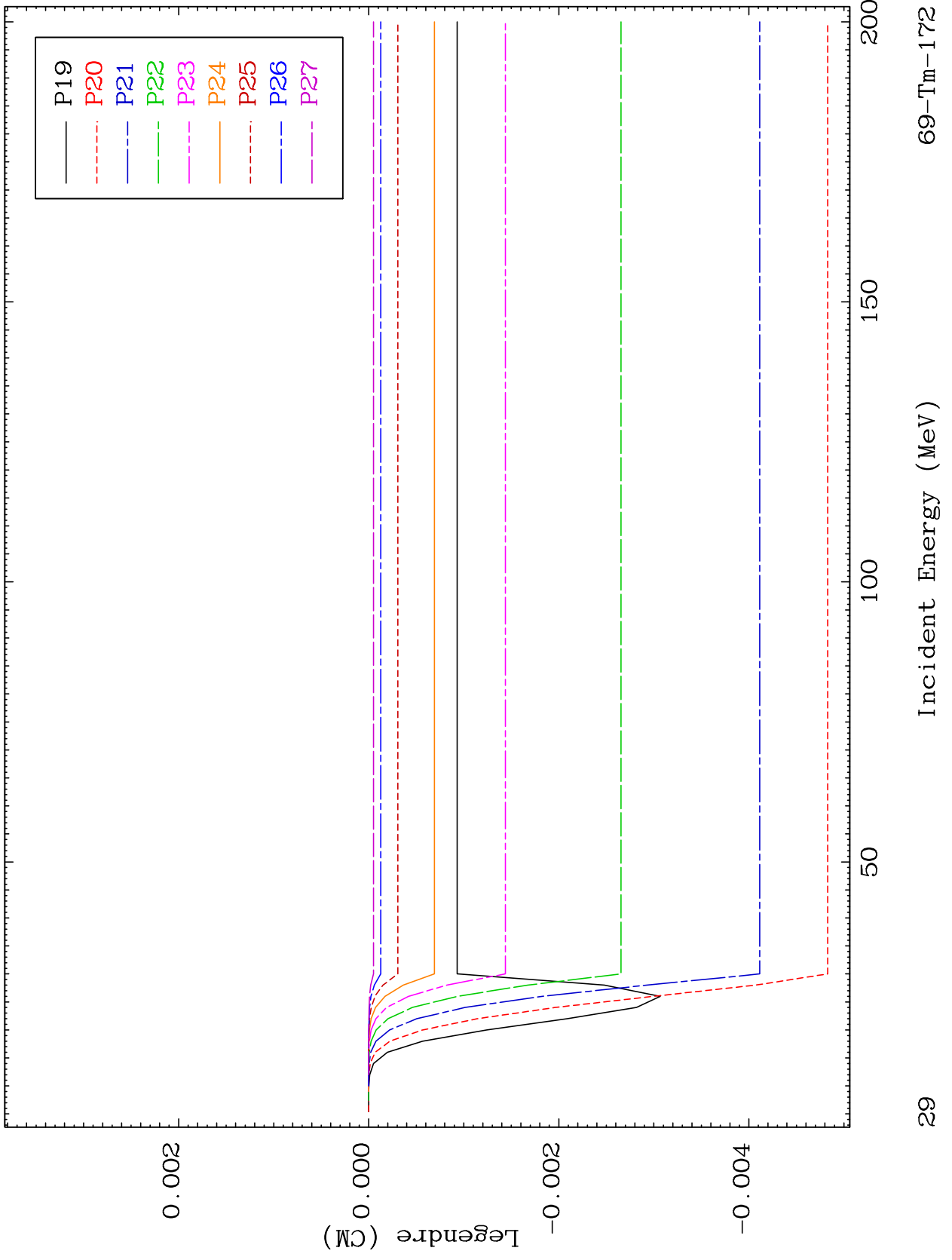
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



29

Incident Energy (MeV)

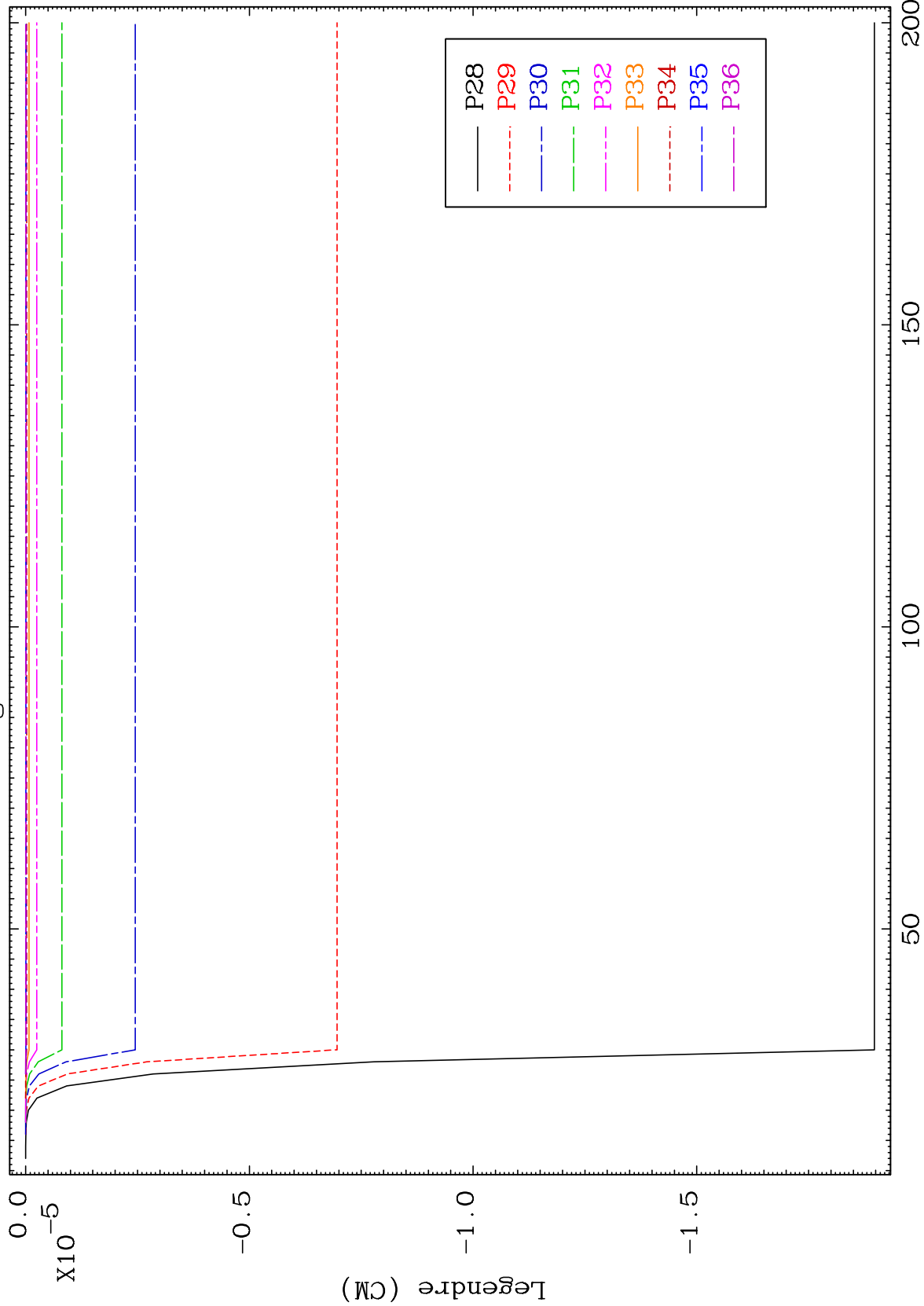
69-Tm-172

MAT 6934

MT= 53 (n,n') Level

69-Tm-172

Legendre Coefficients



69-Tm-172

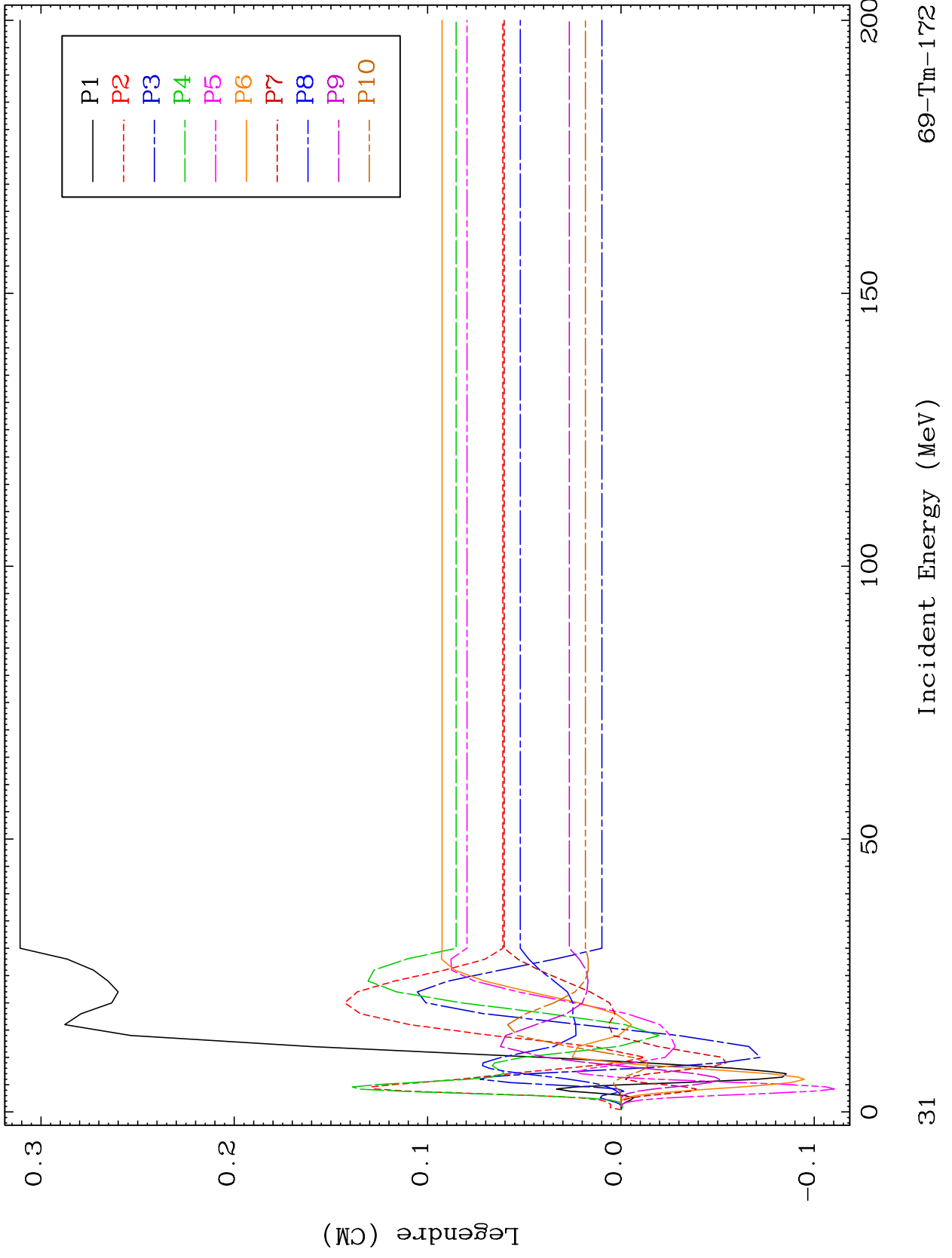
Incident Energy (MeV)

30

MAT 6934

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

69-Tm-172



31

Incident Energy (MeV)

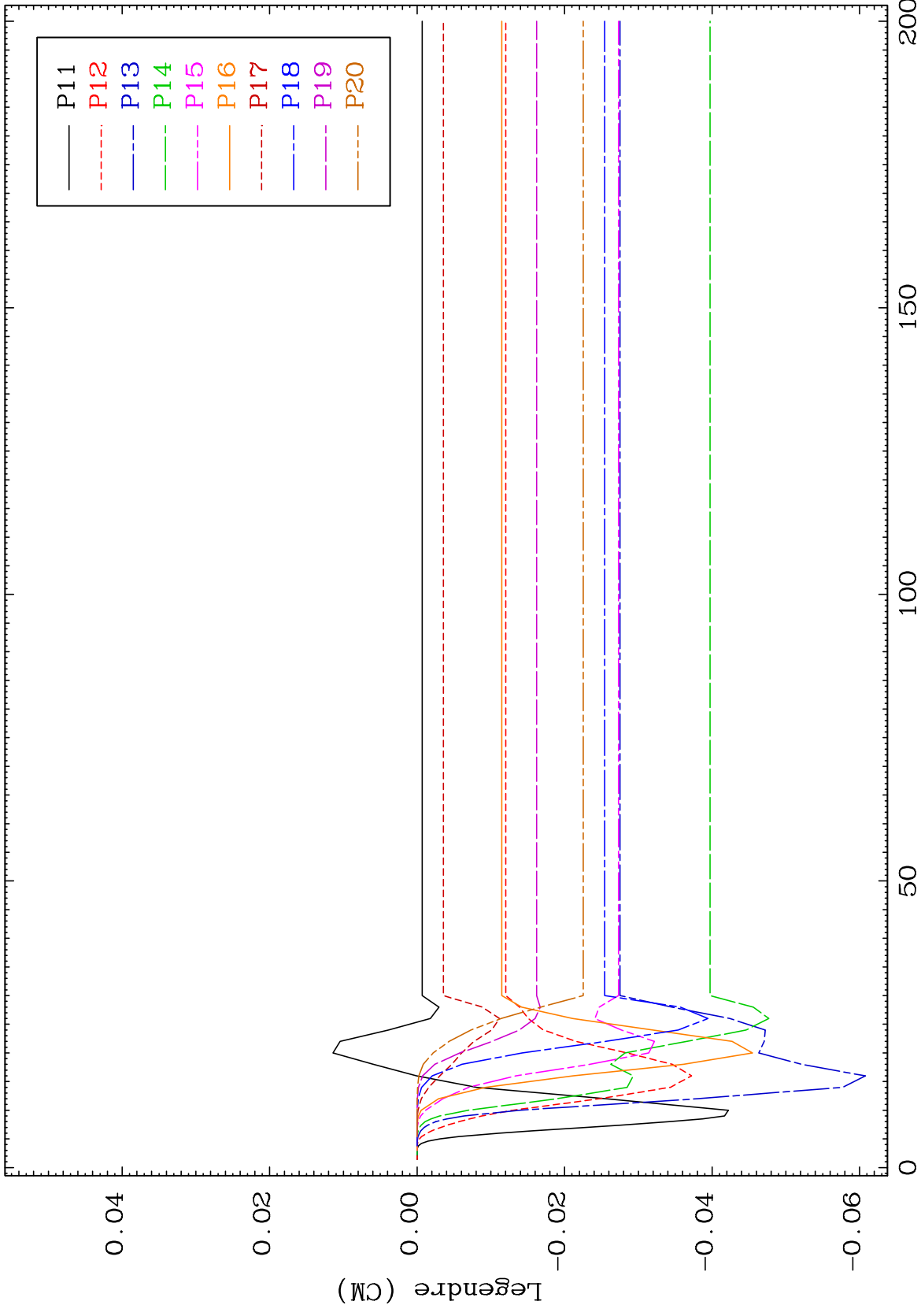
69-Tm-172



MAT 6934

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

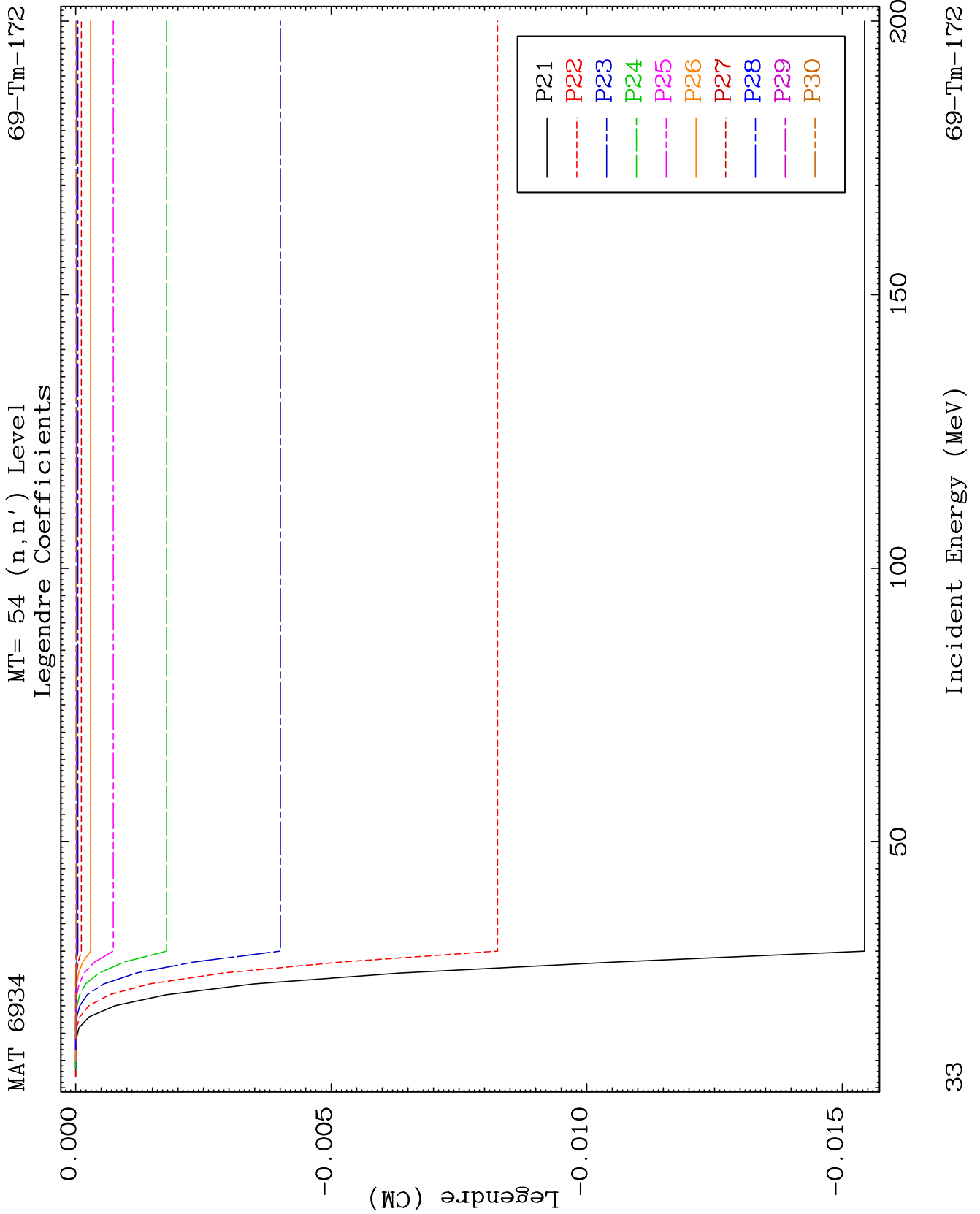
69-Tm-172

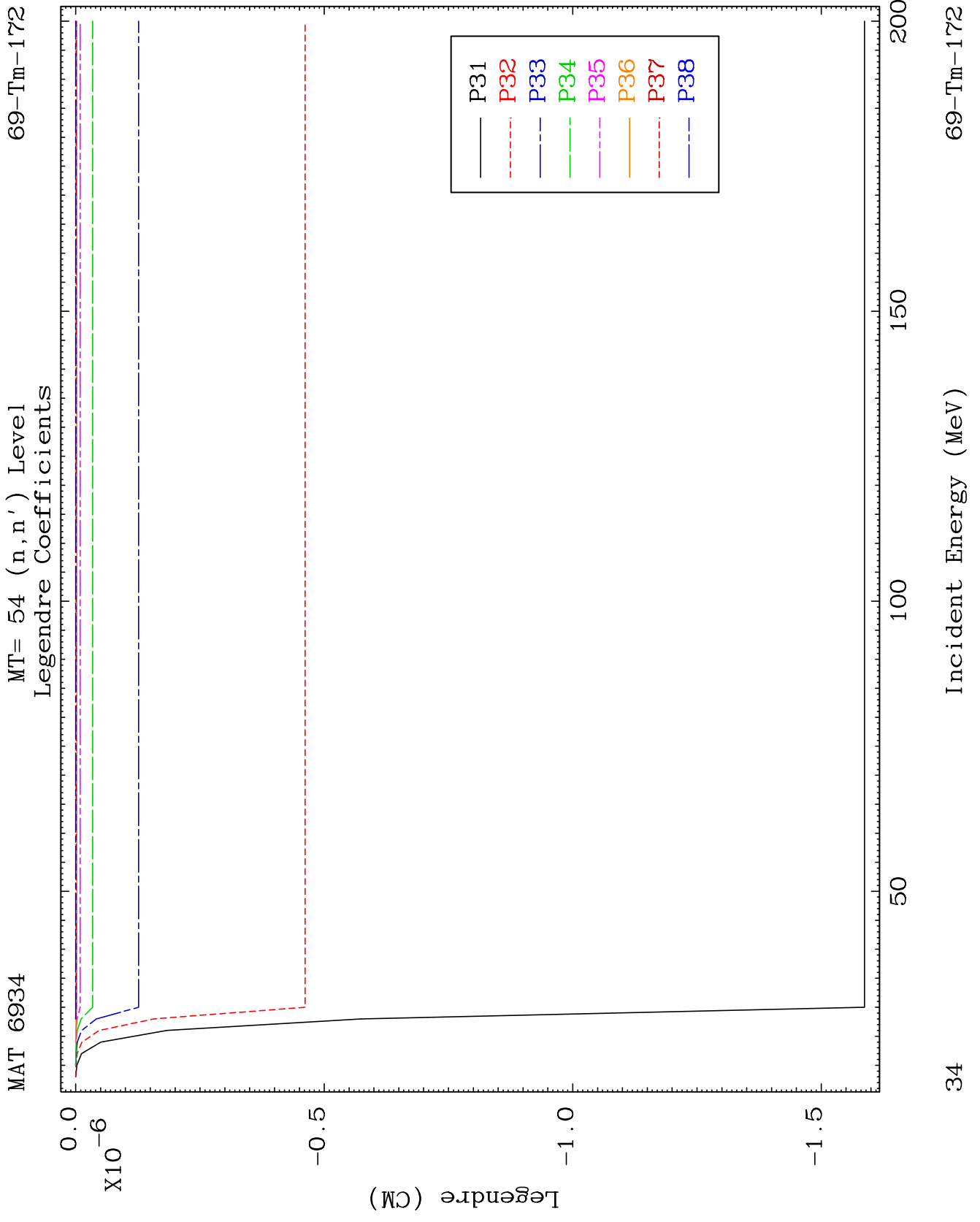


32

Incident Energy (MeV)

69-Tm-172



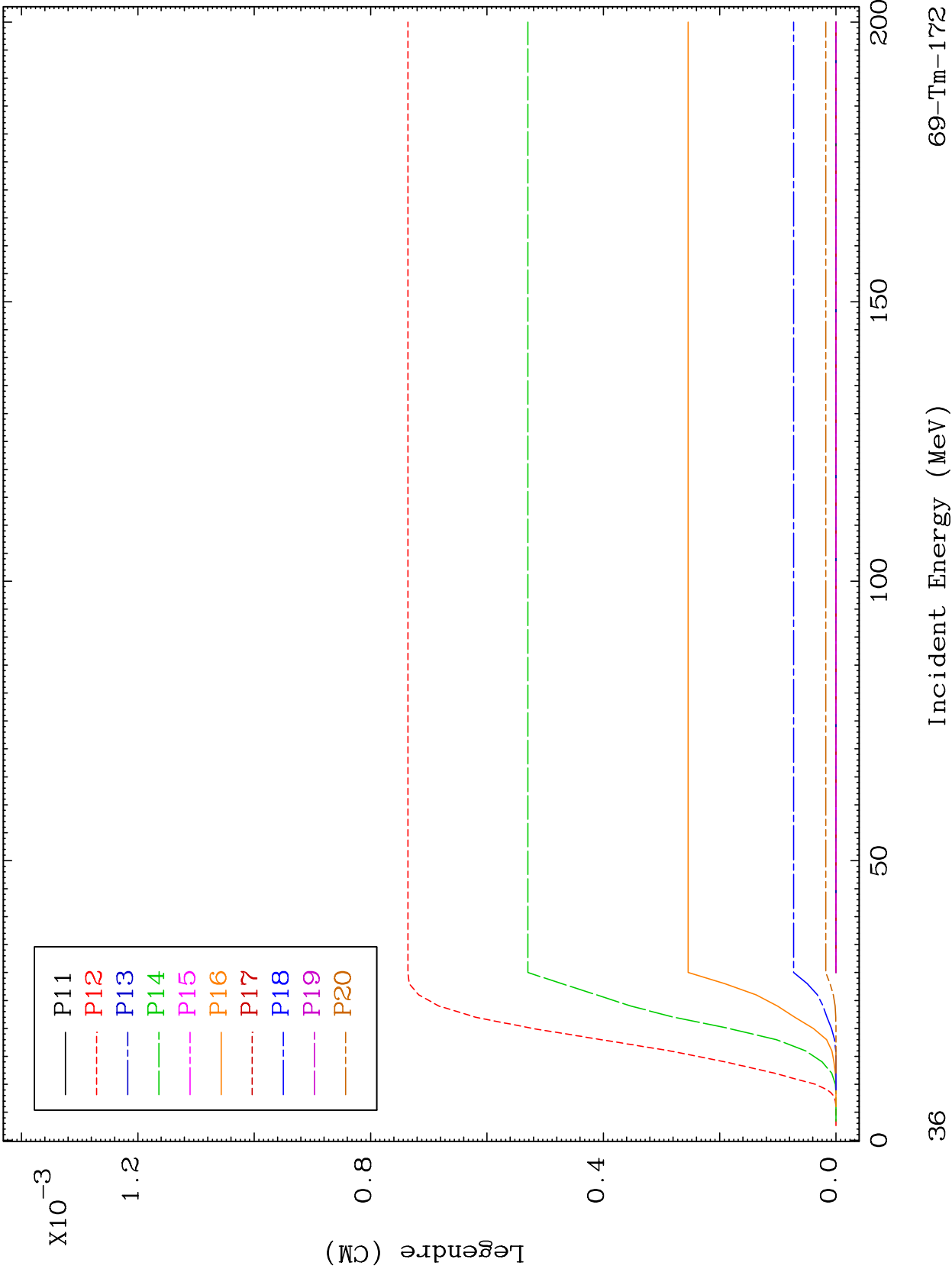




MAT 6934

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

69-Tm-172



36

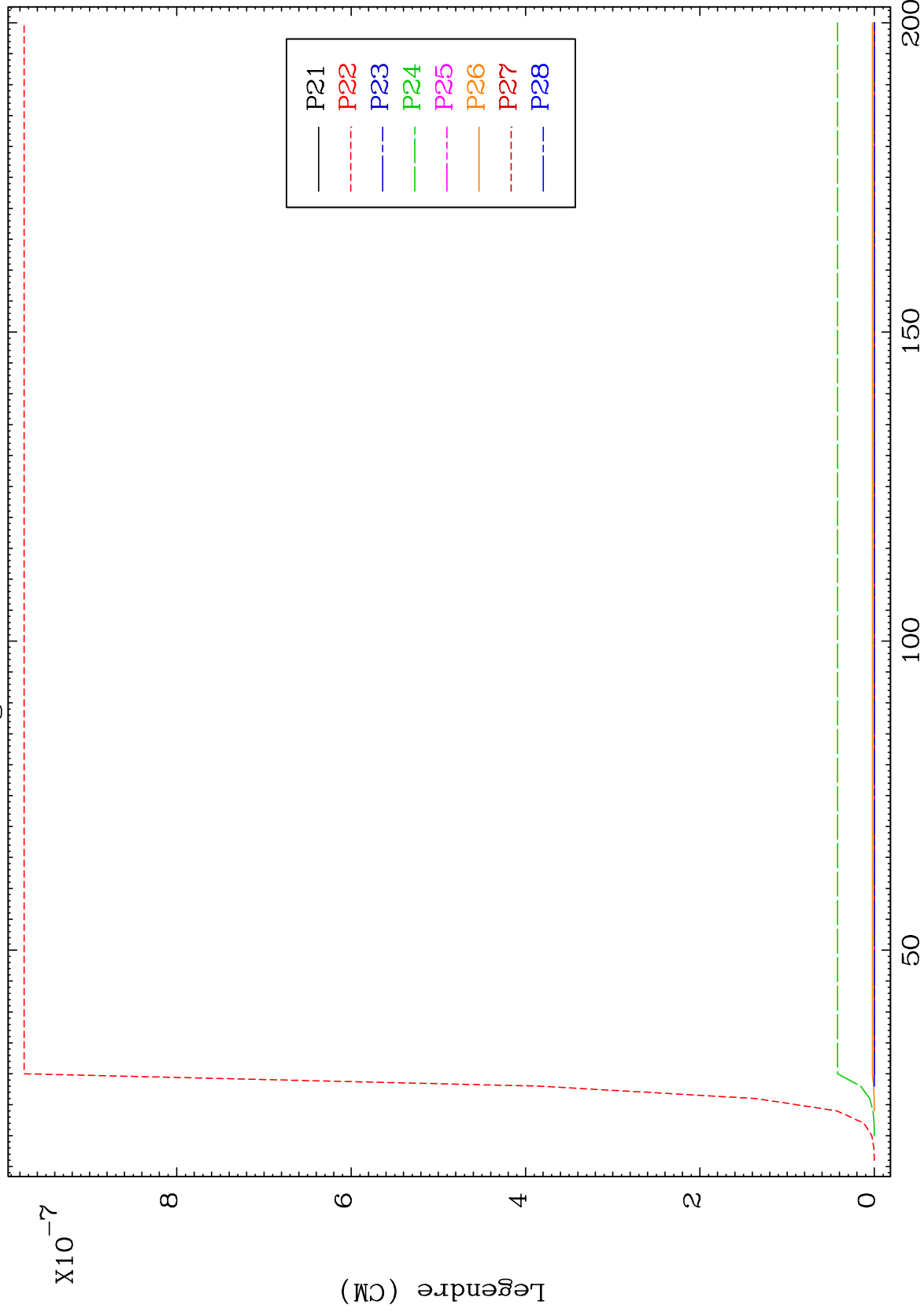
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



37

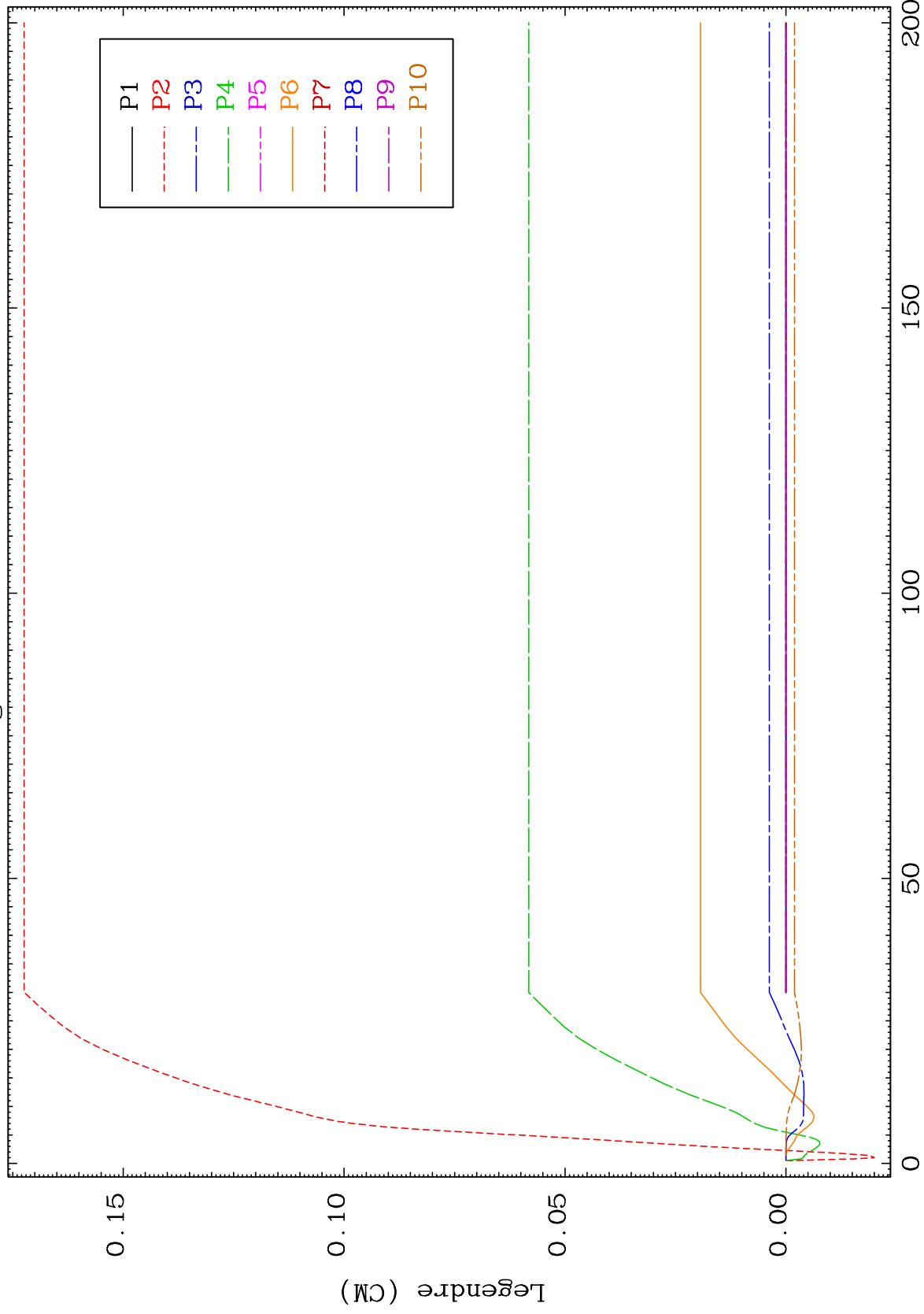
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

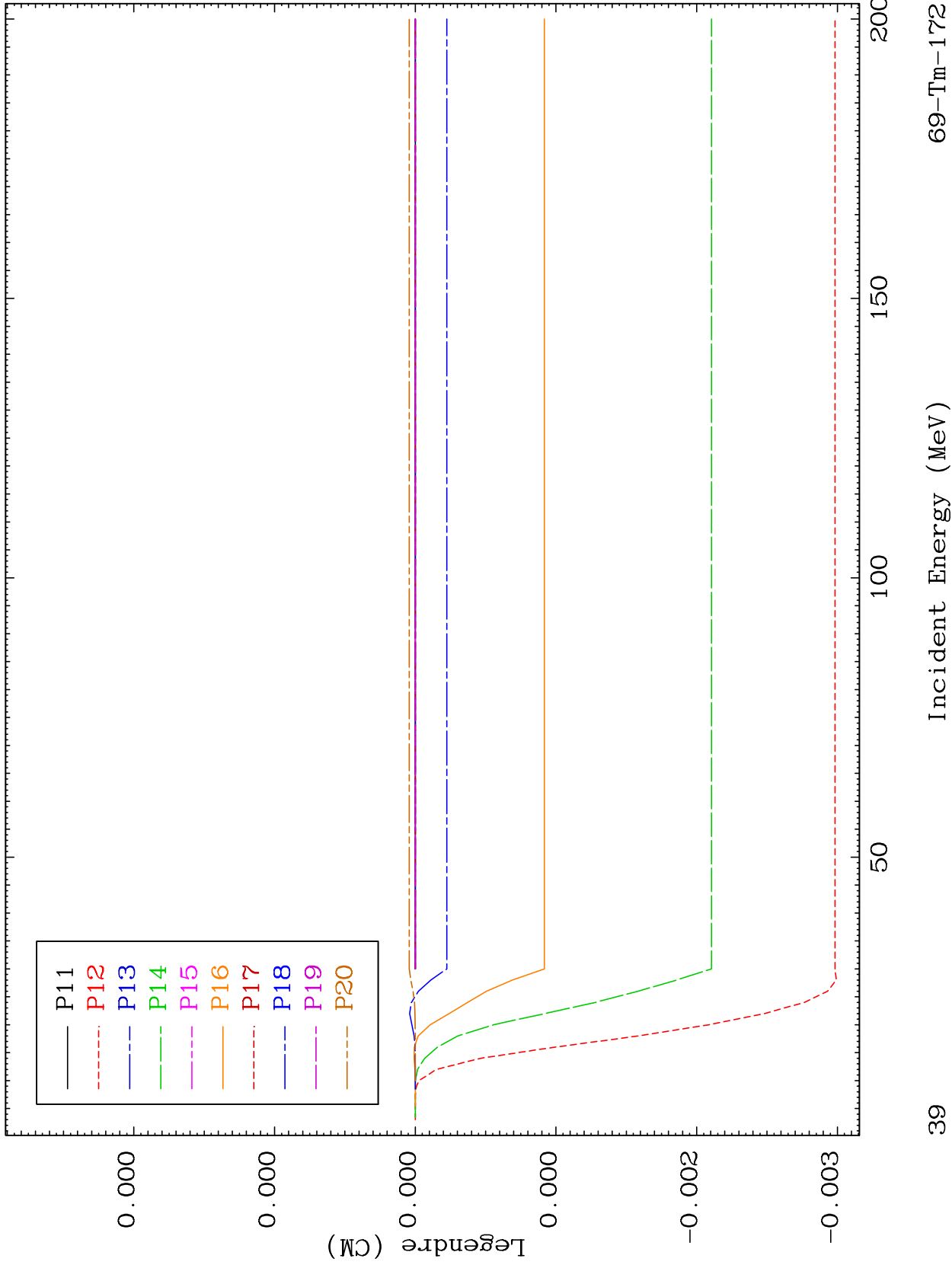
69-Tm-172



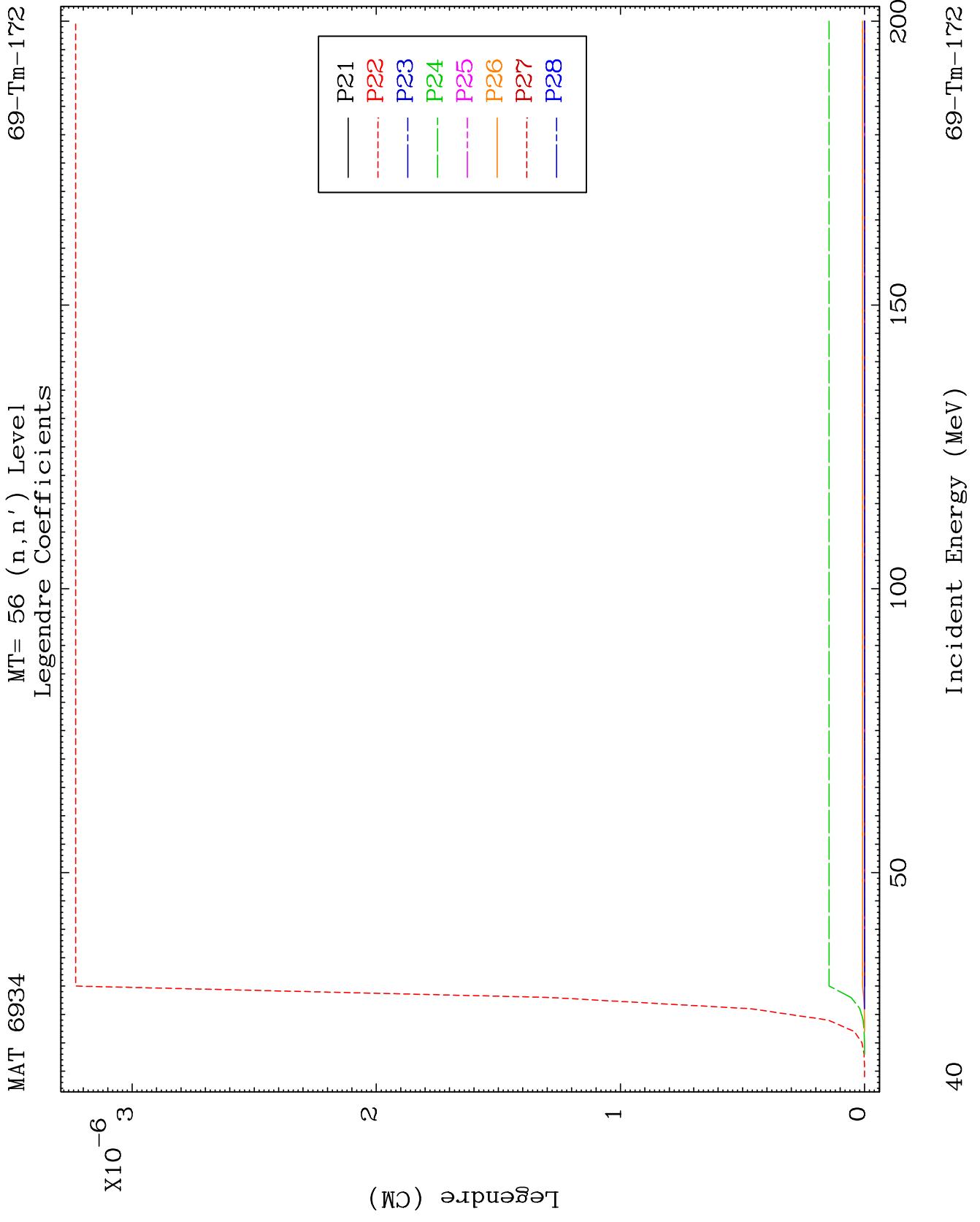
38

Incident Energy (MeV)

69-Tm-172



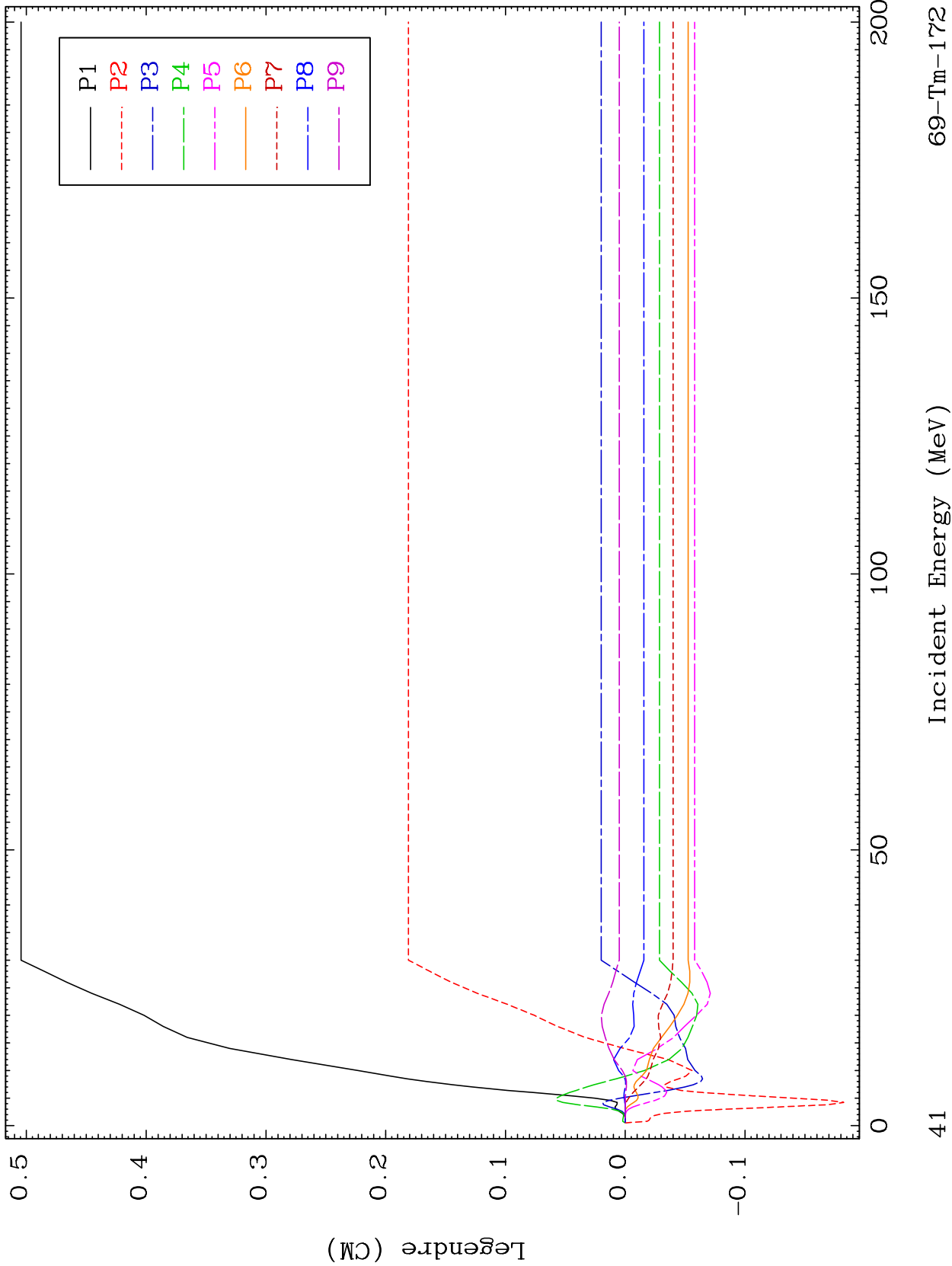




MAT 6934

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

69-Tm-172



41

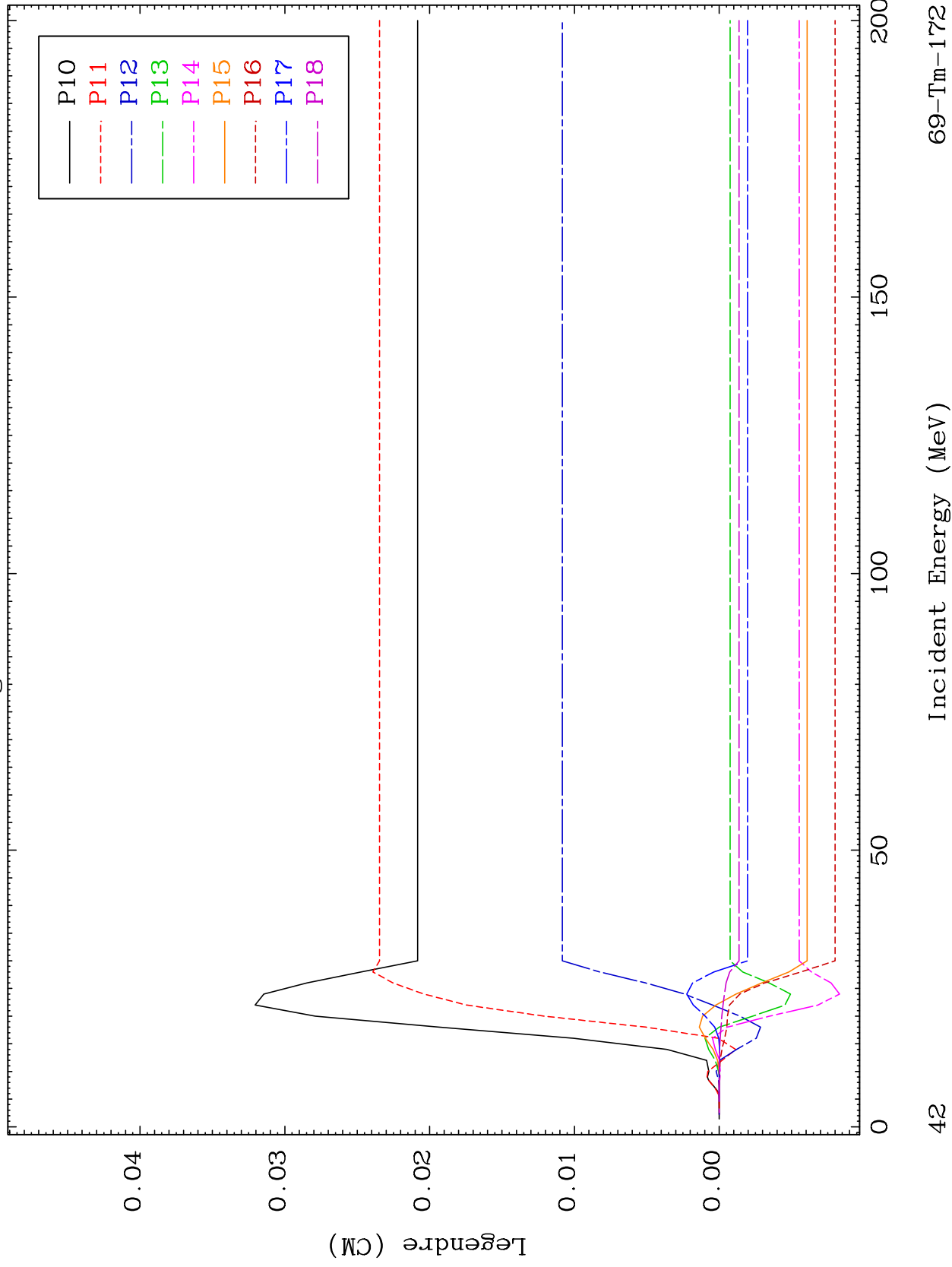
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

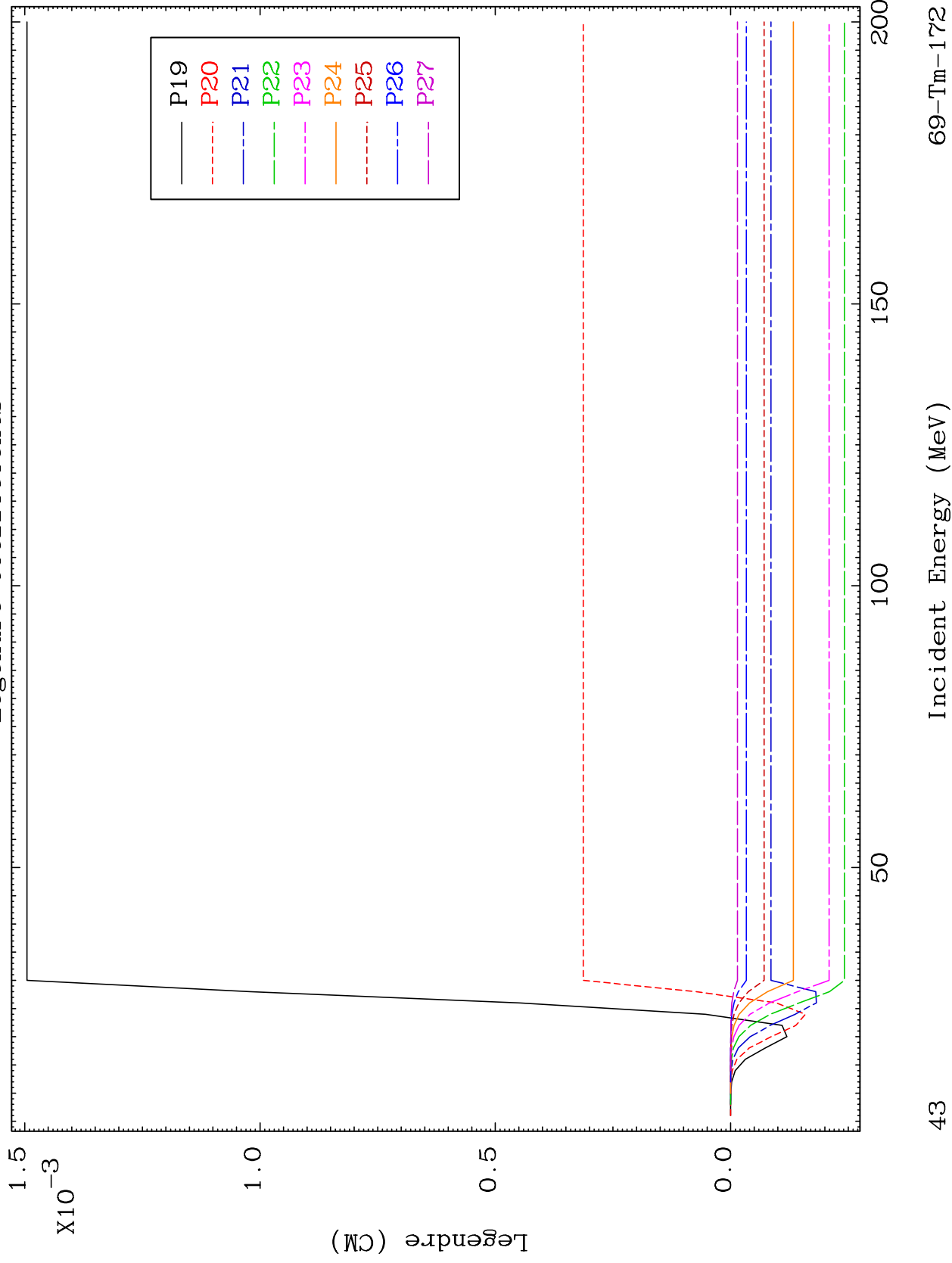
Incident Energy (MeV)

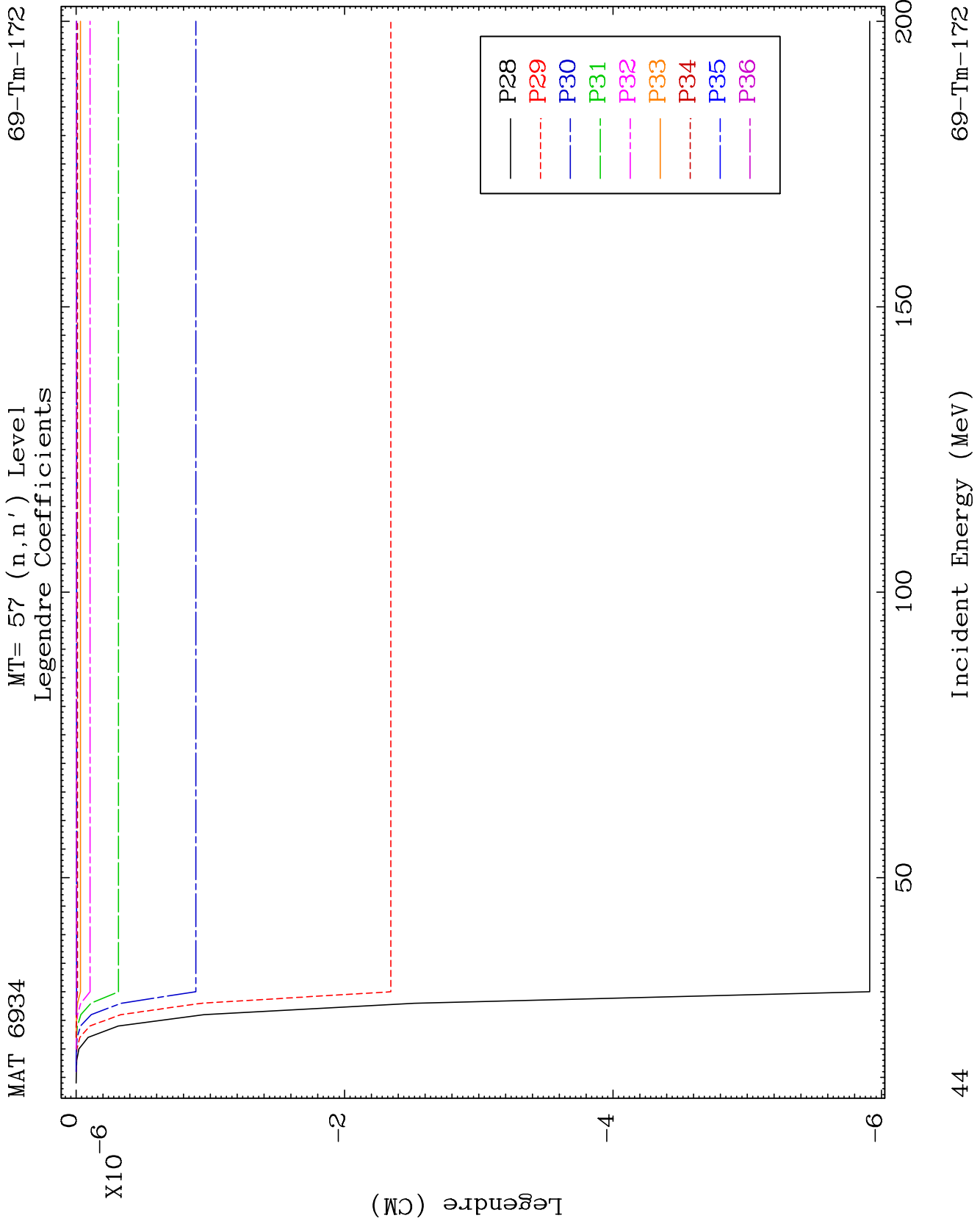
42

MAT 6934

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

69-Tm-172

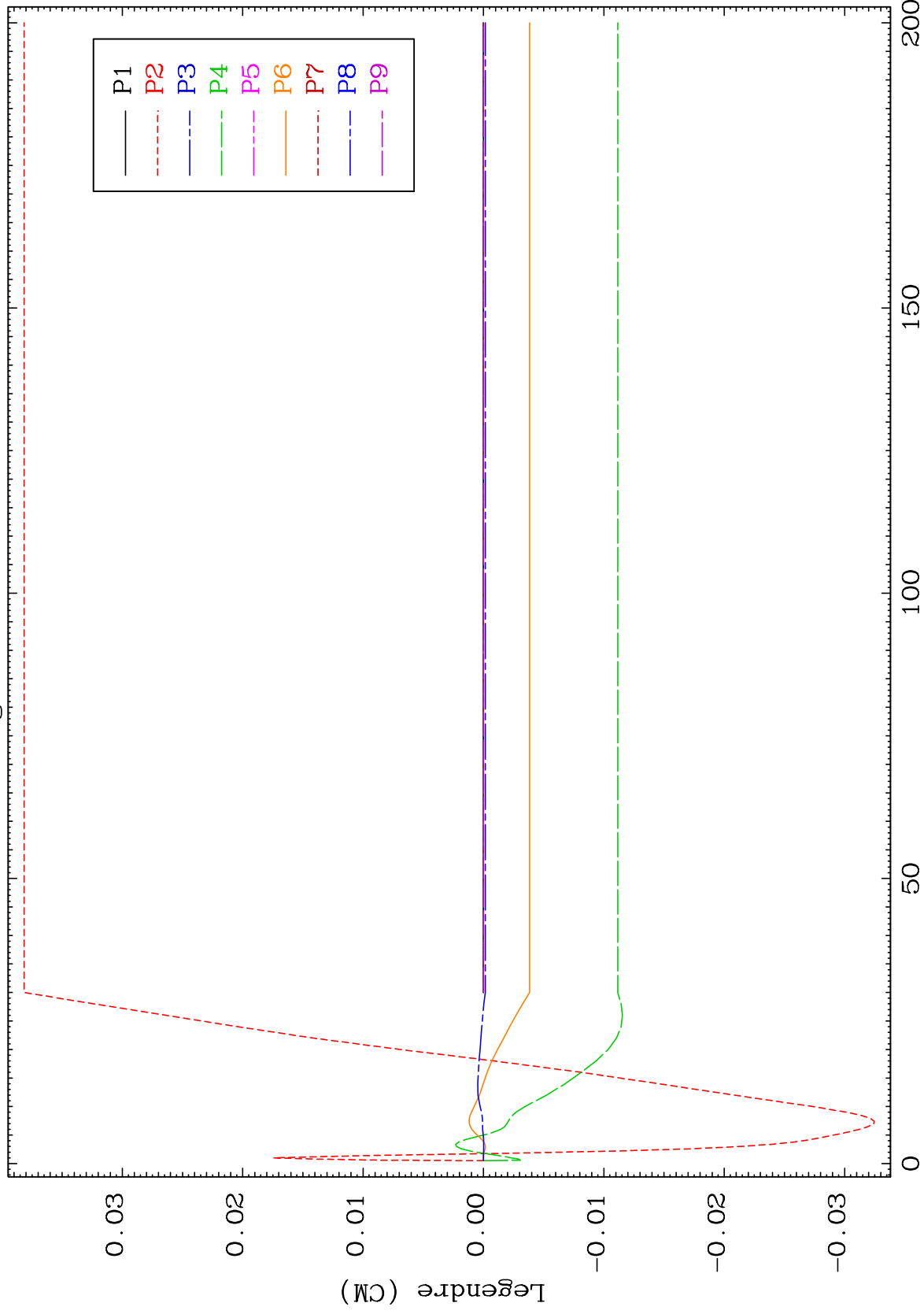




MAT 6934

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

69-Tm-172



69-Tm-172

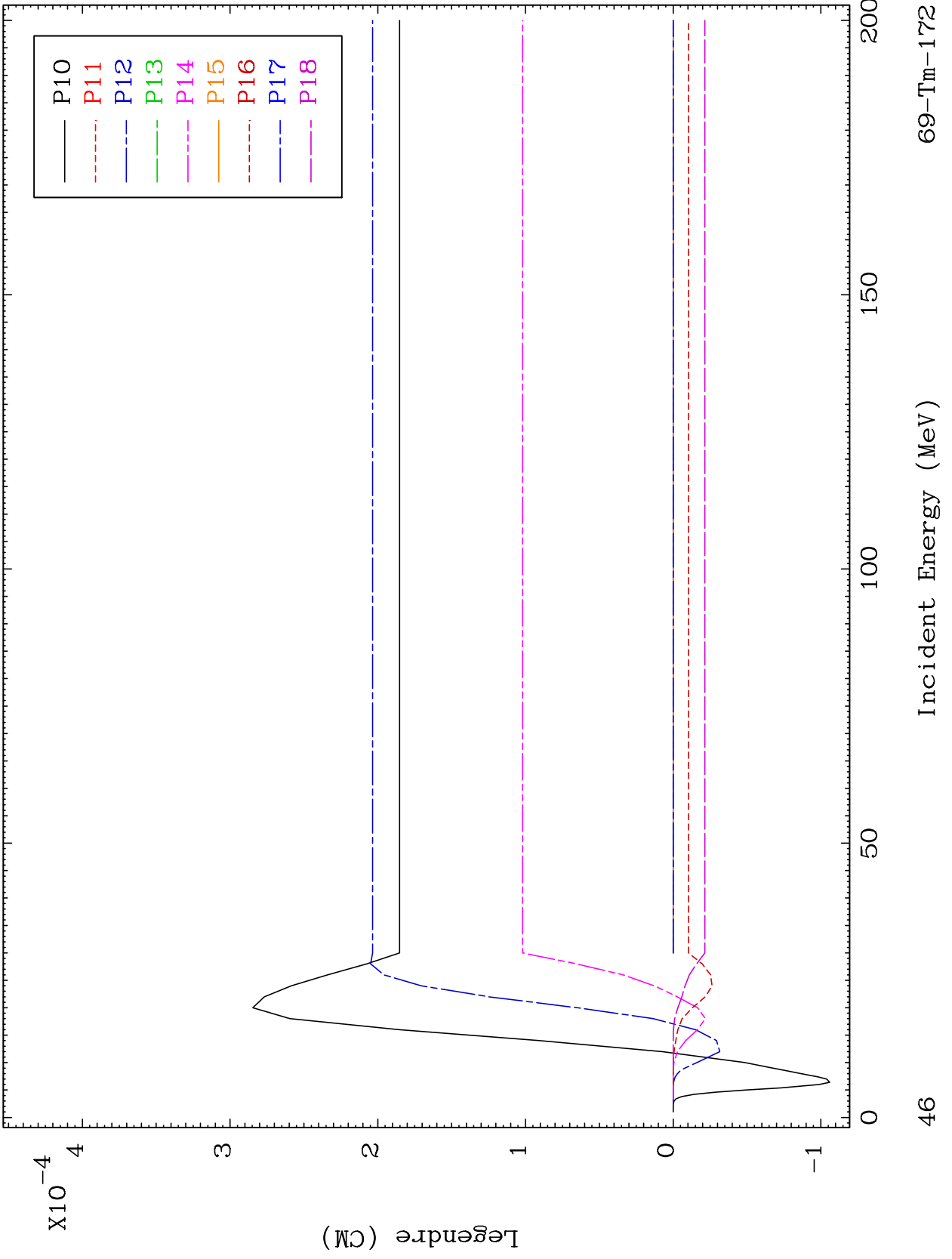
Incident Energy (MeV)

45

MAT 6934

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

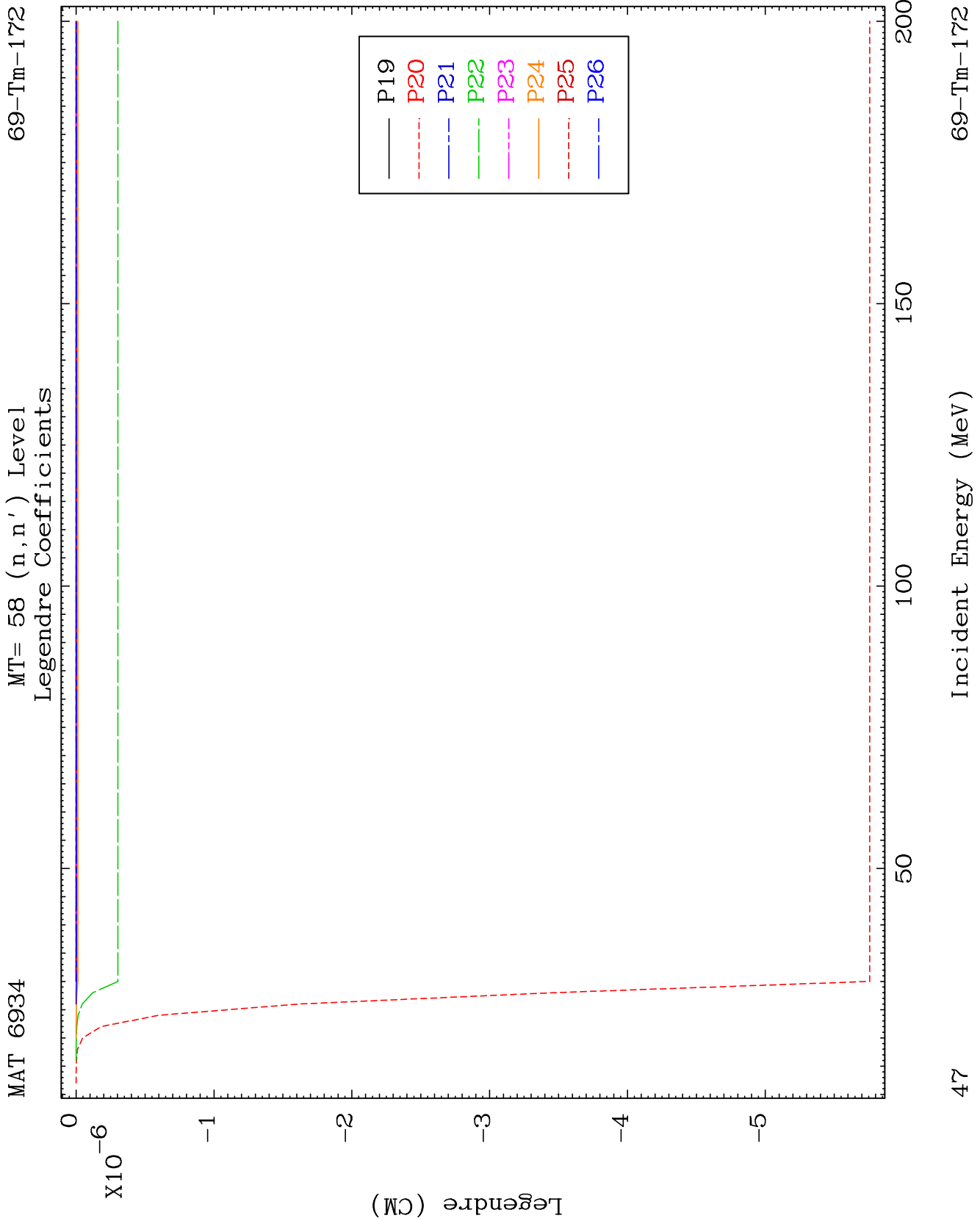
69-Tm-172



69-Tm-172

Incident Energy (MeV)

46



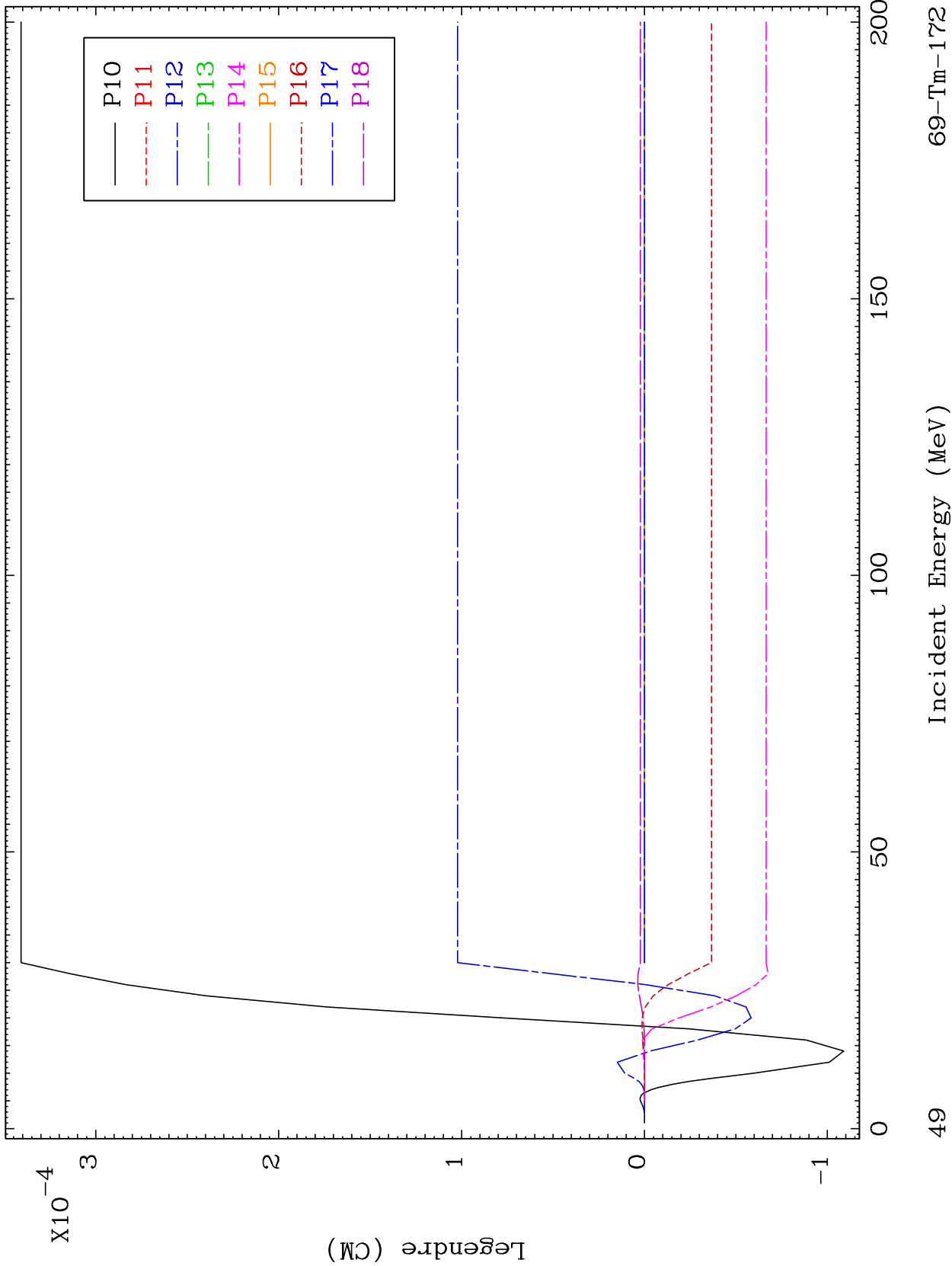




MAT 6934

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

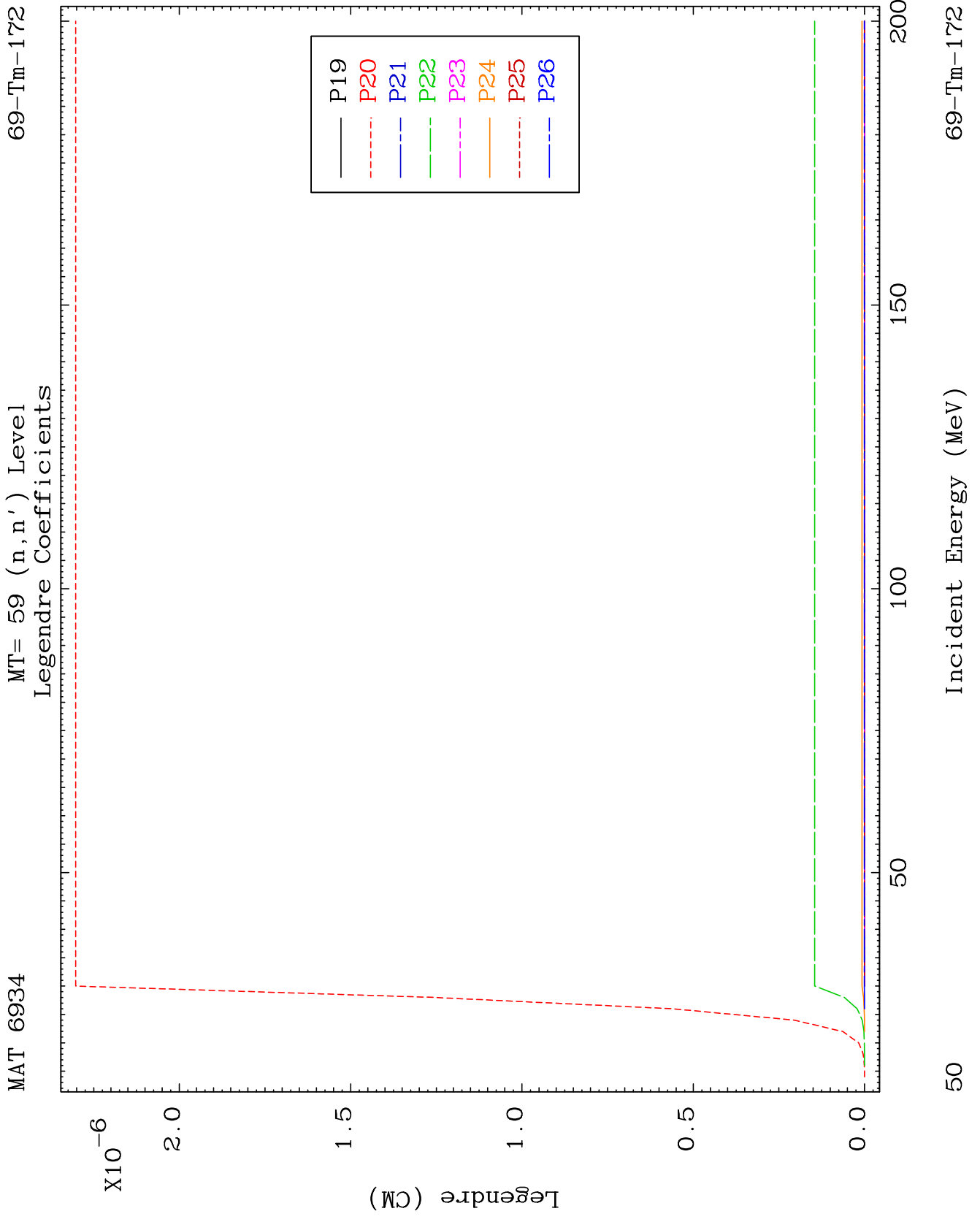
69-Tm-172



69-Tm-172

Incident Energy (MeV)

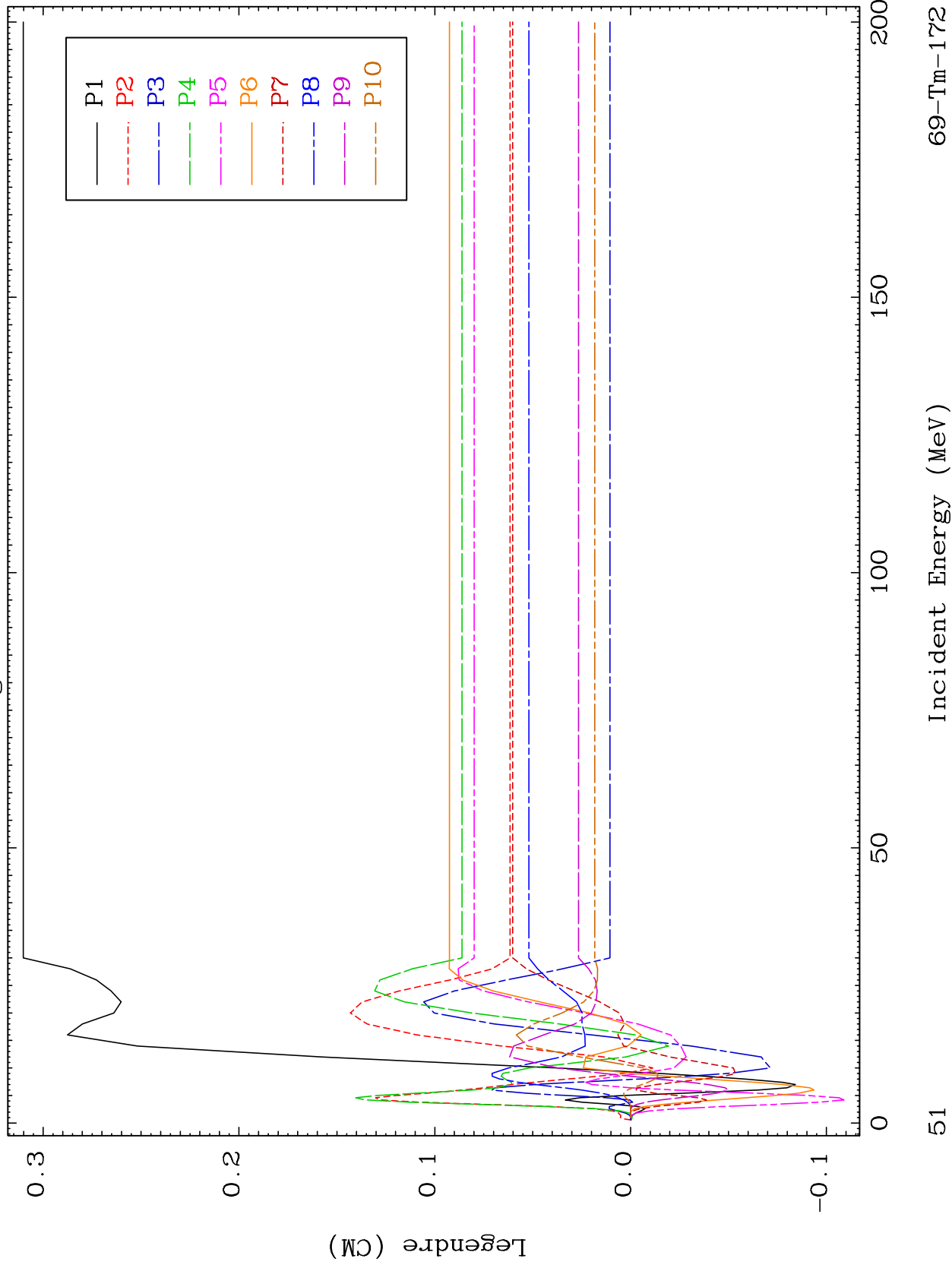
49



MAT 6934

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

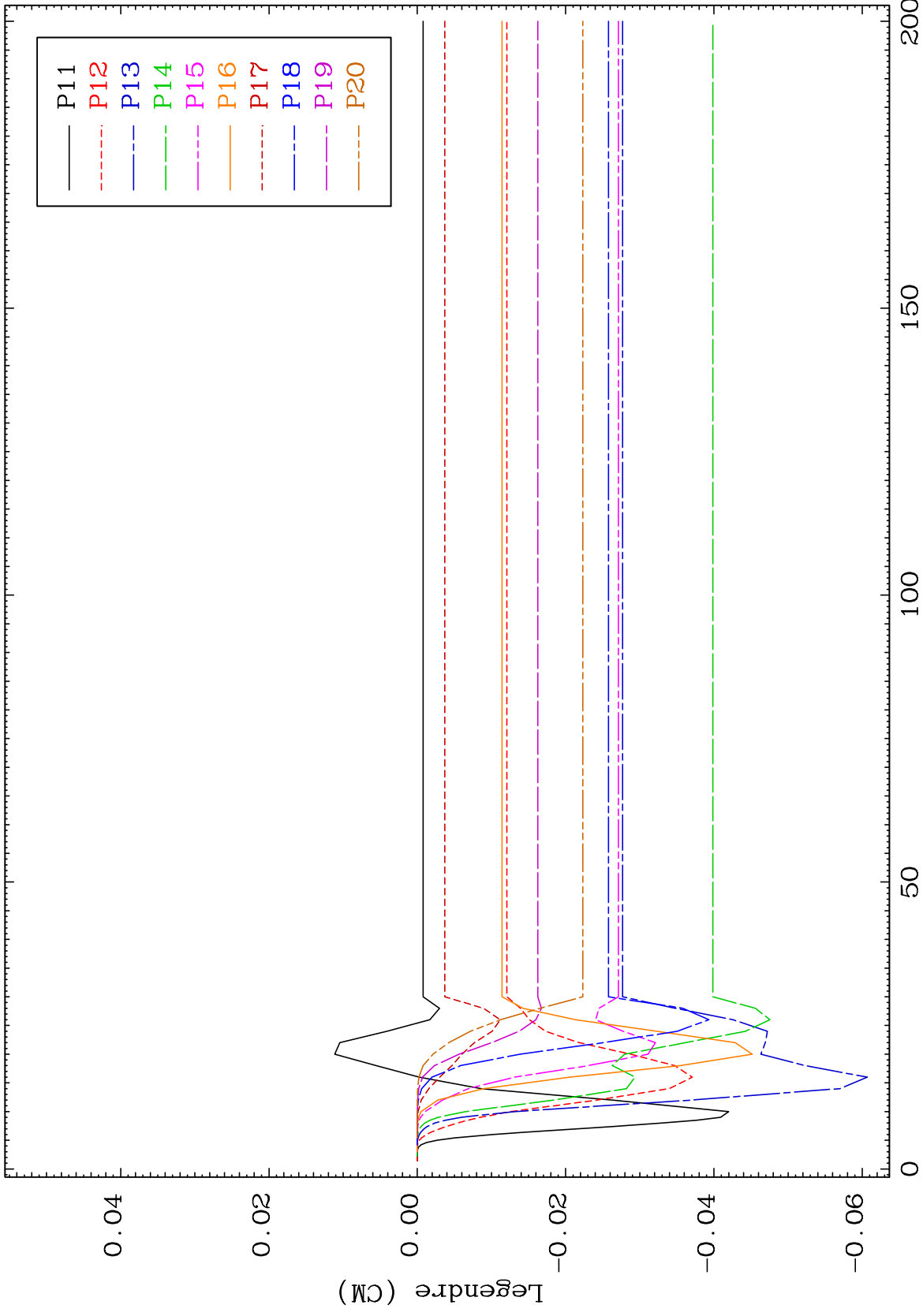
69-Tm-172



MAT 6934

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

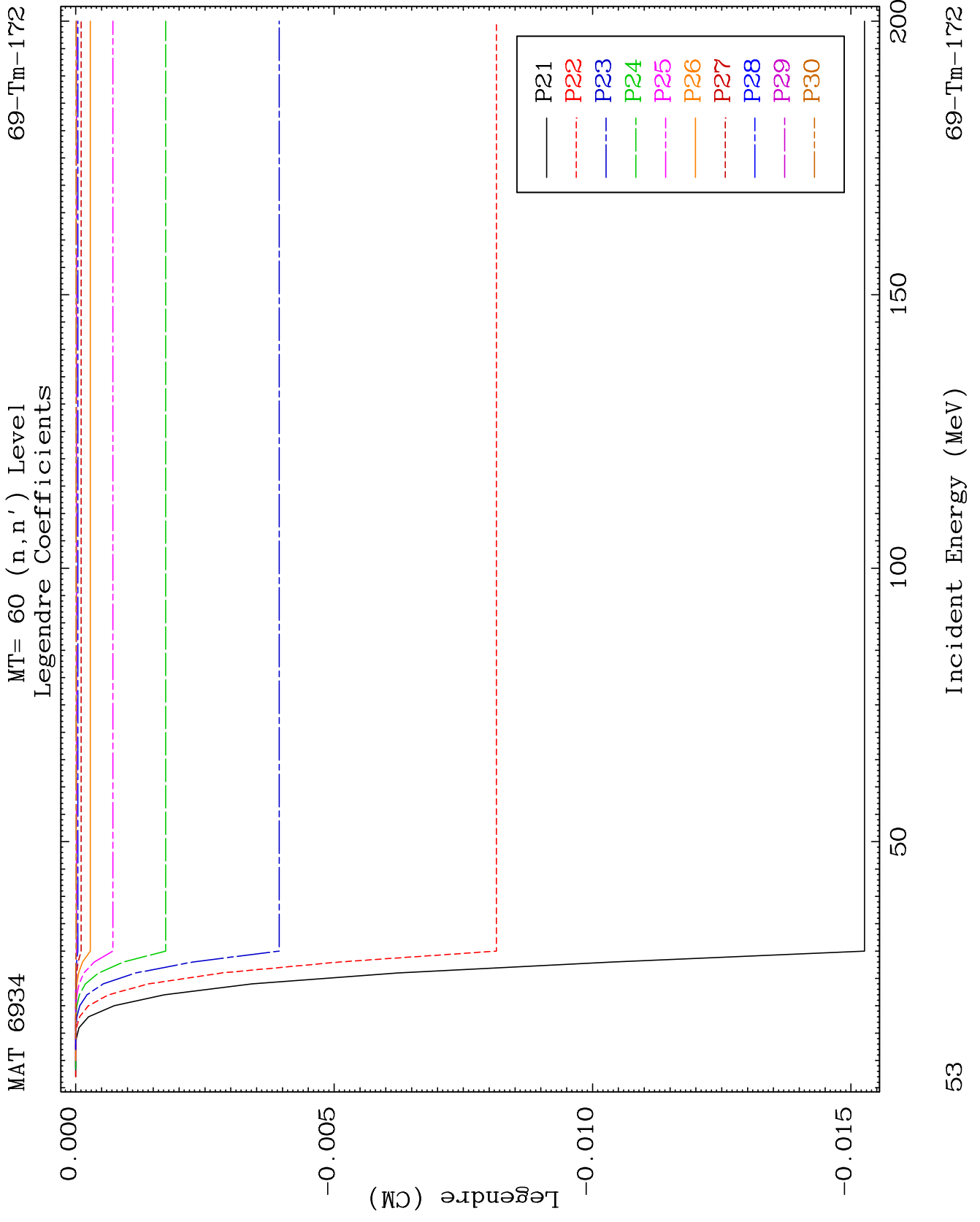
69-Tm-172

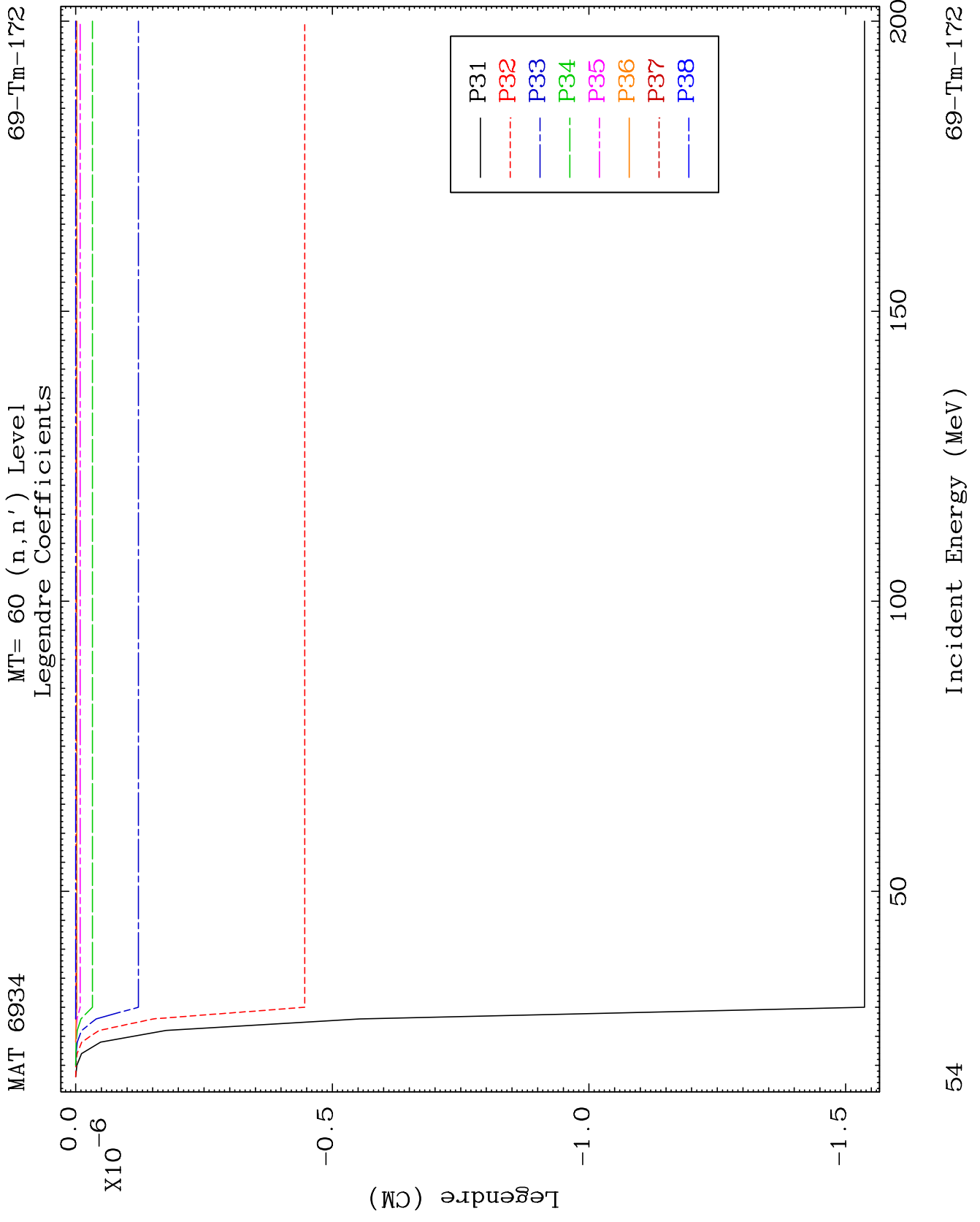


52

Incident Energy (MeV)

69-Tm-172

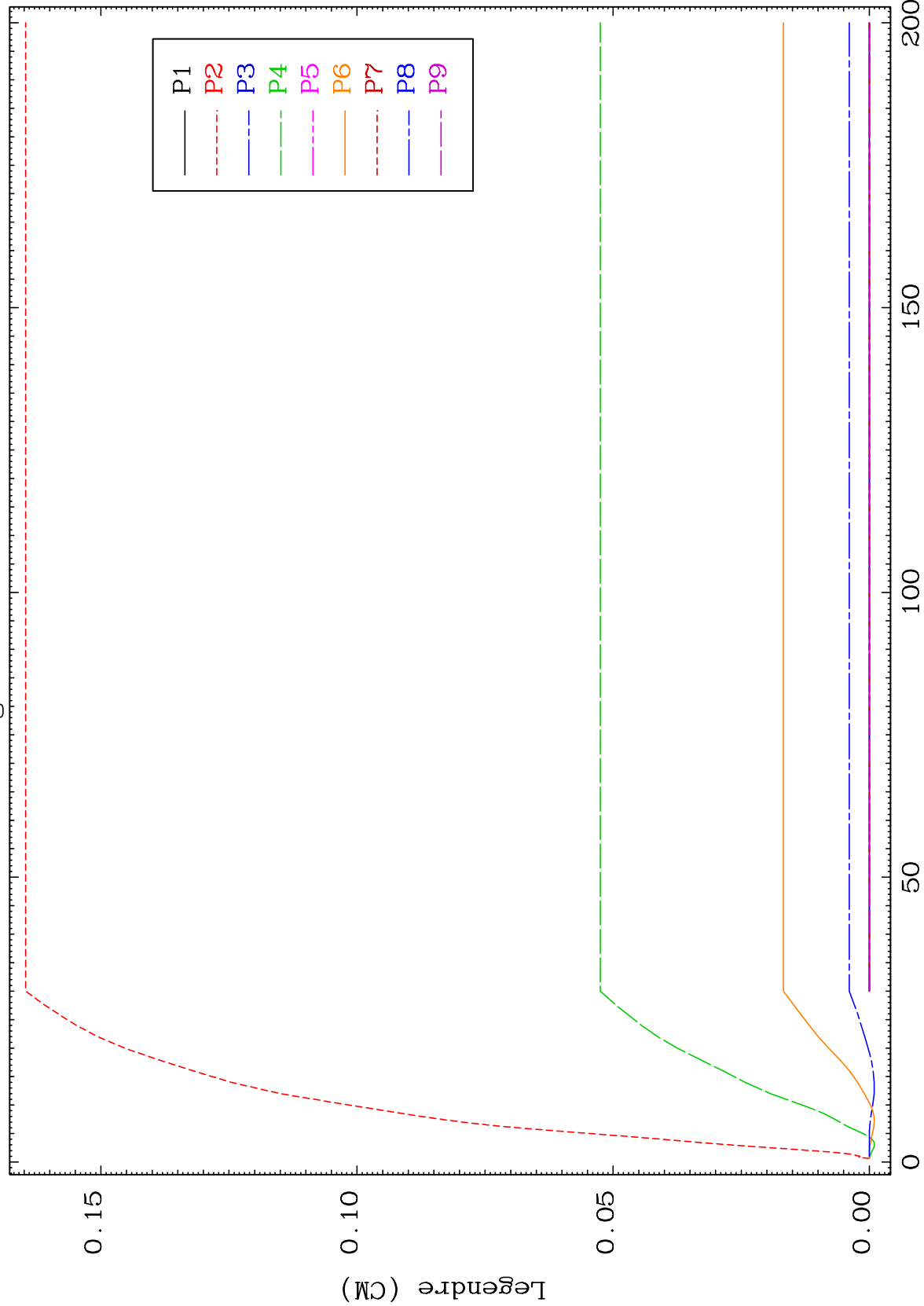




MAT 6934

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

69-Tm-172



69-Tm-172

Incident Energy (MeV)

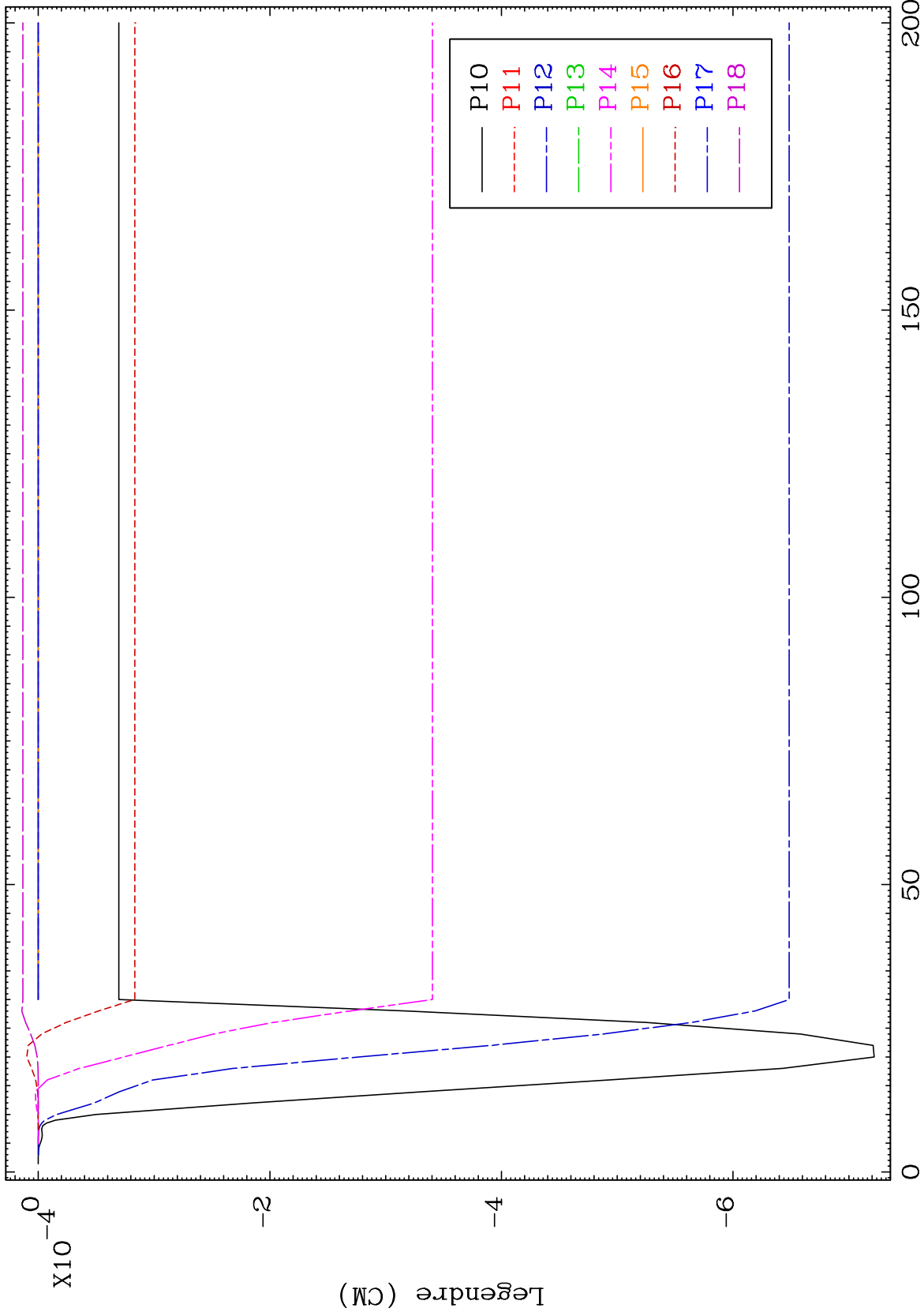
55



MAT 6934

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

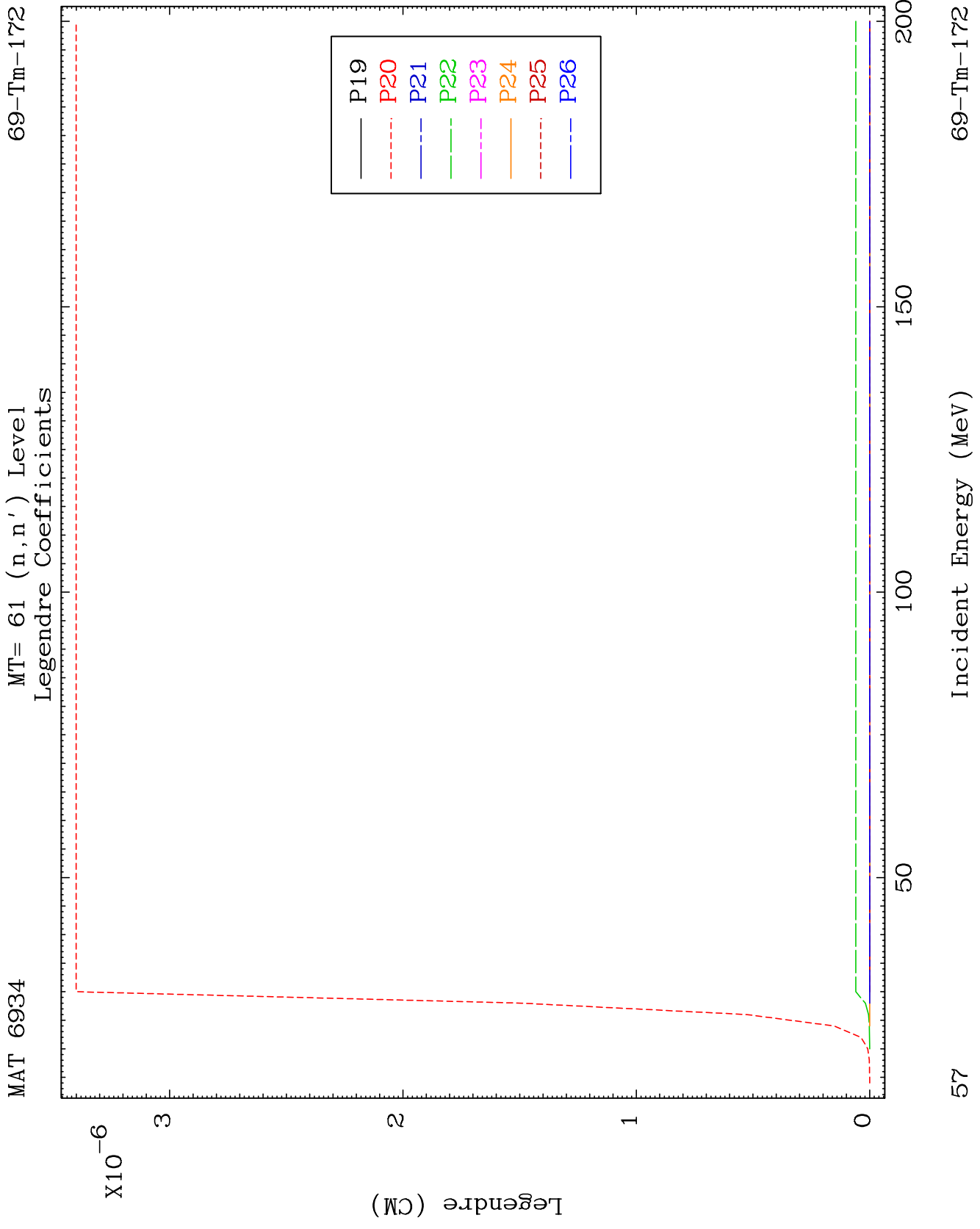
69-Tm-172



56

Incident Energy (MeV)

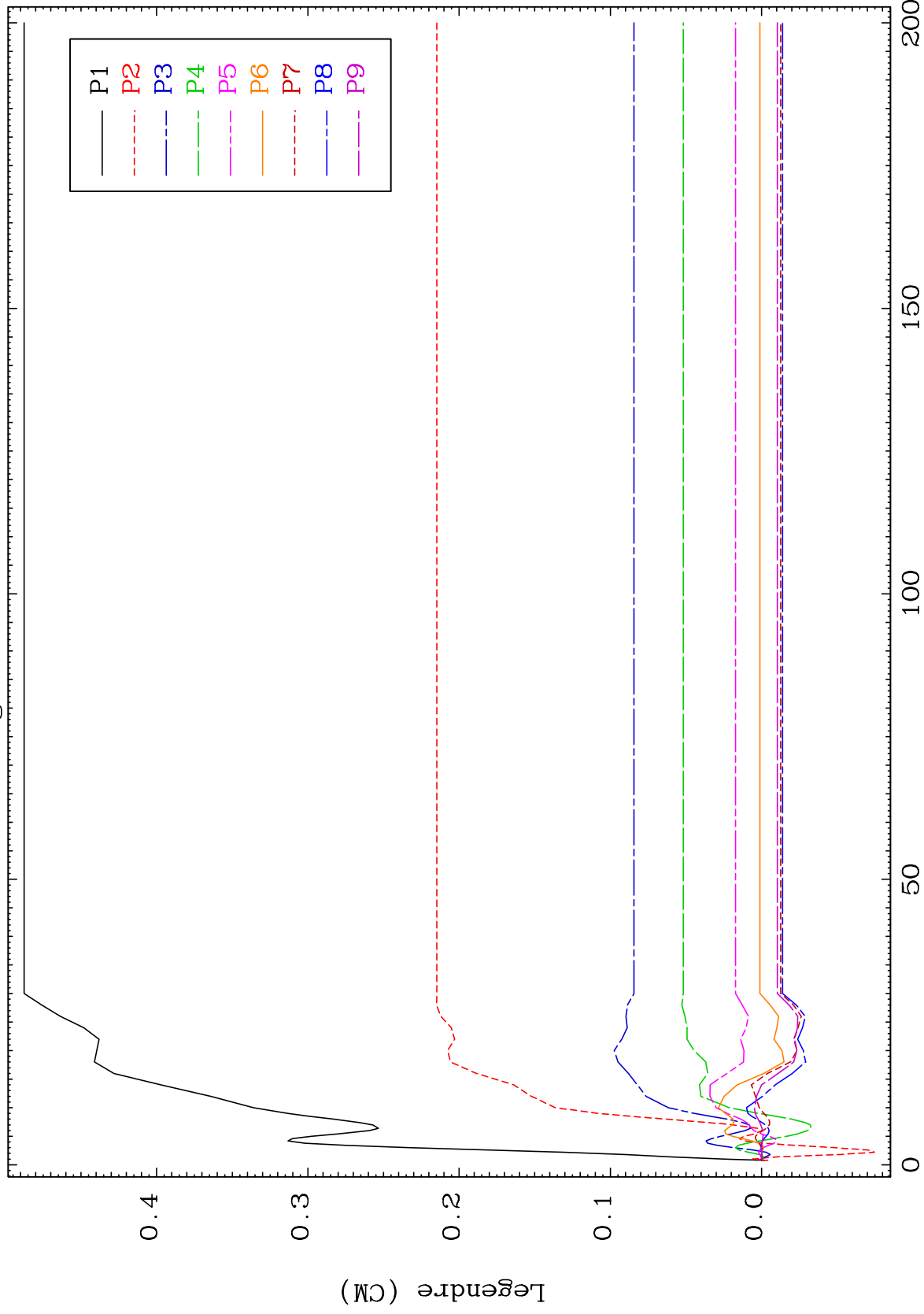
69-Tm-172



MAT 6934

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

69-Tm-172



58

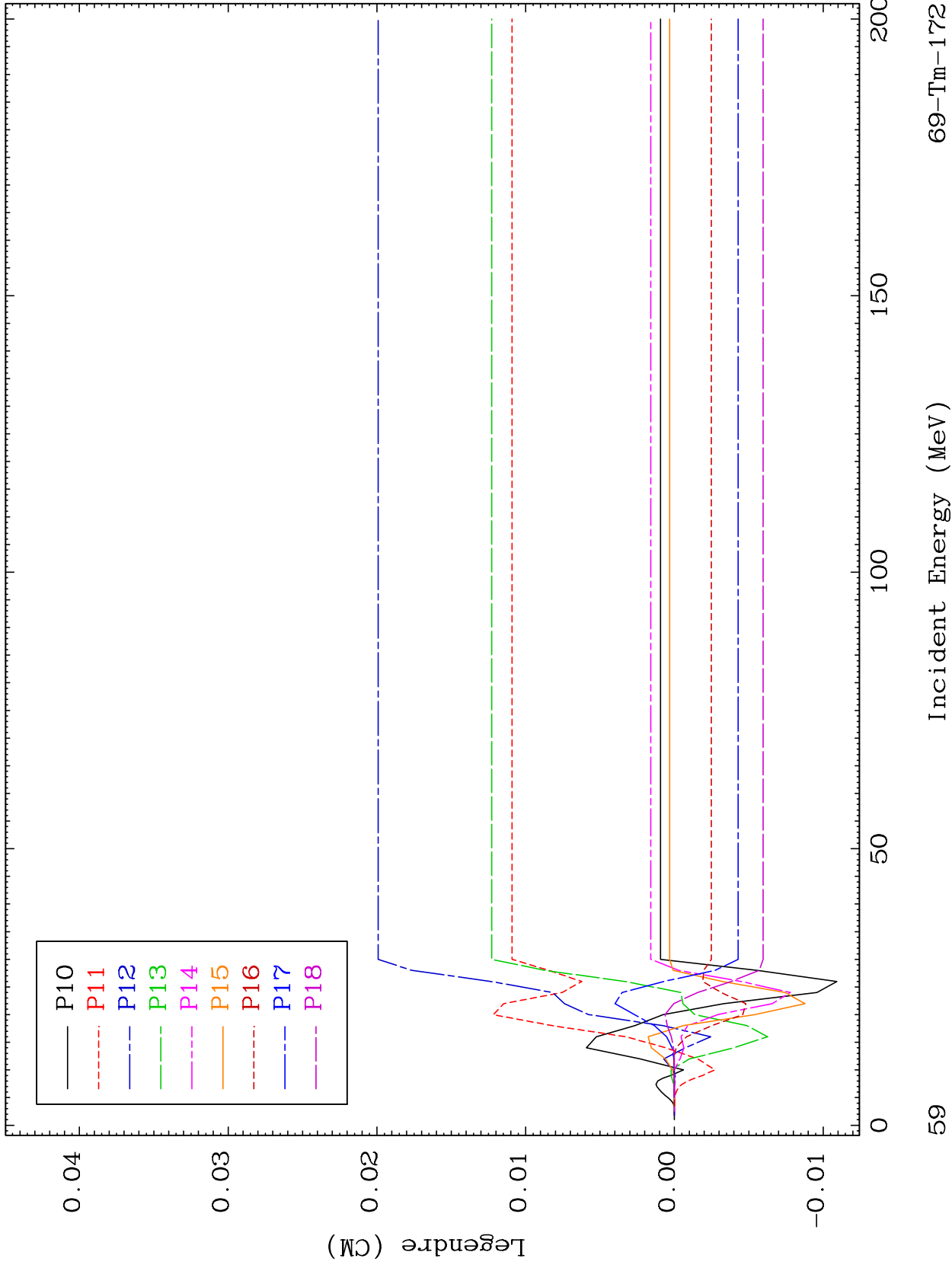
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



59

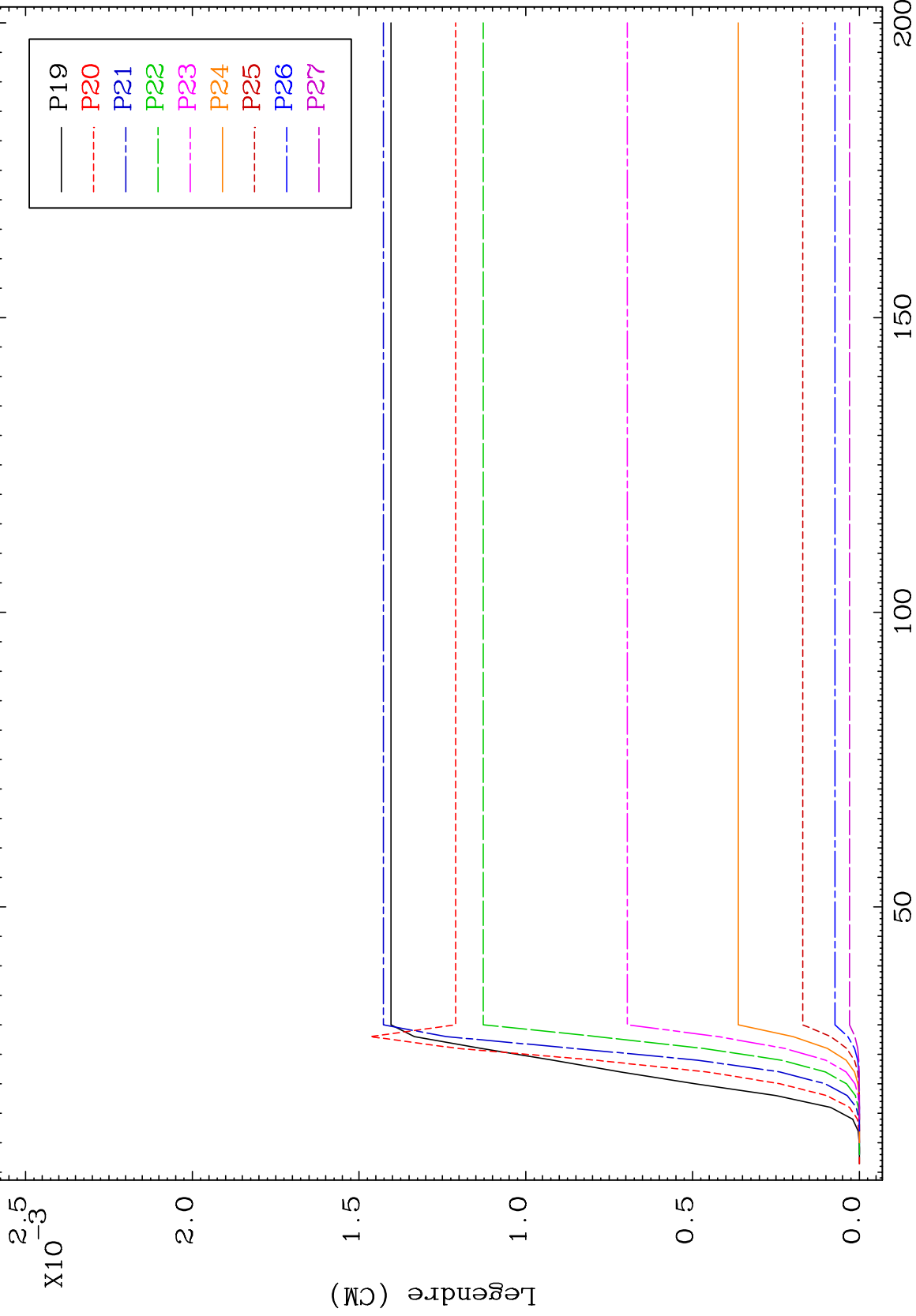
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



60

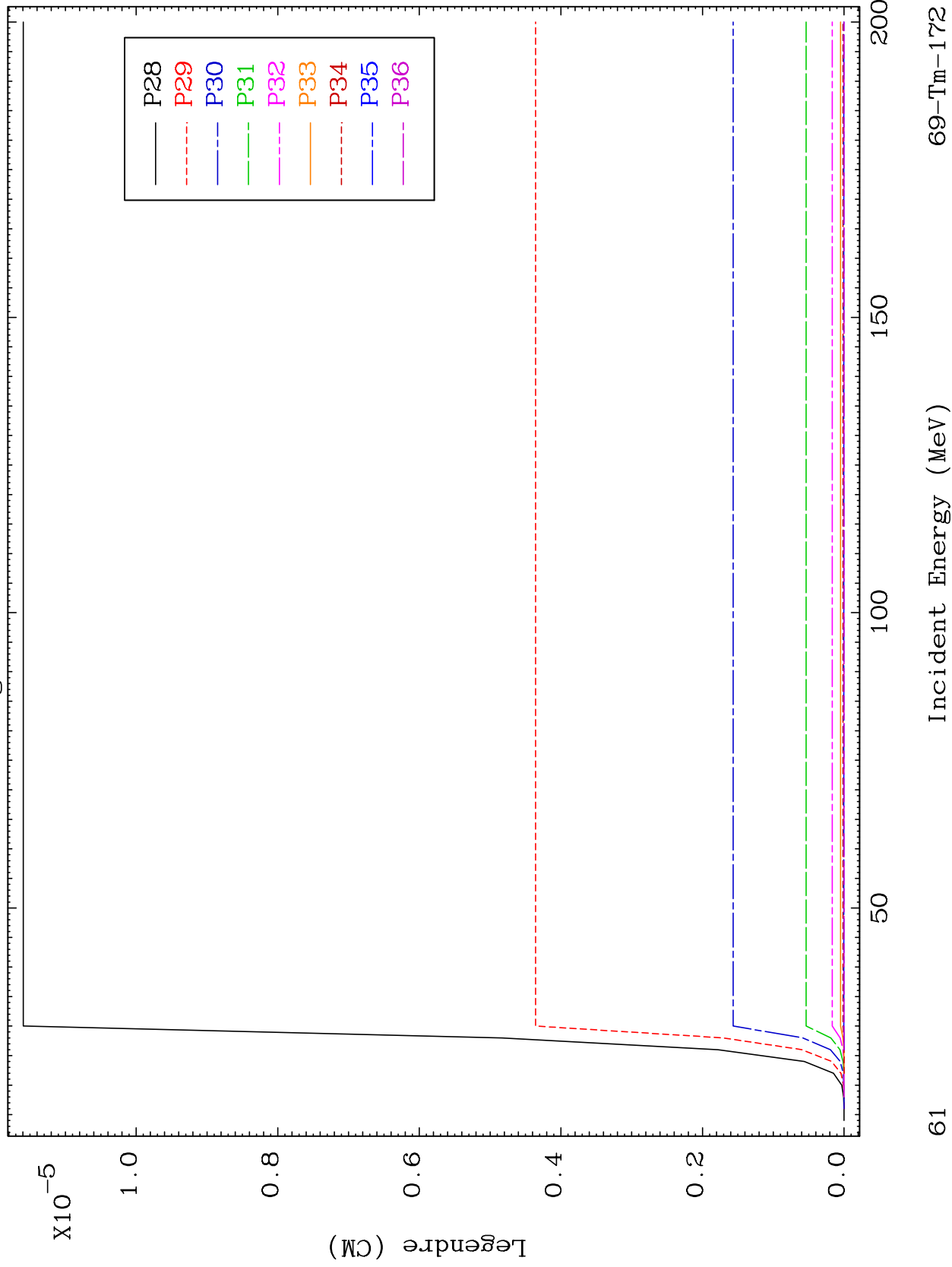
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

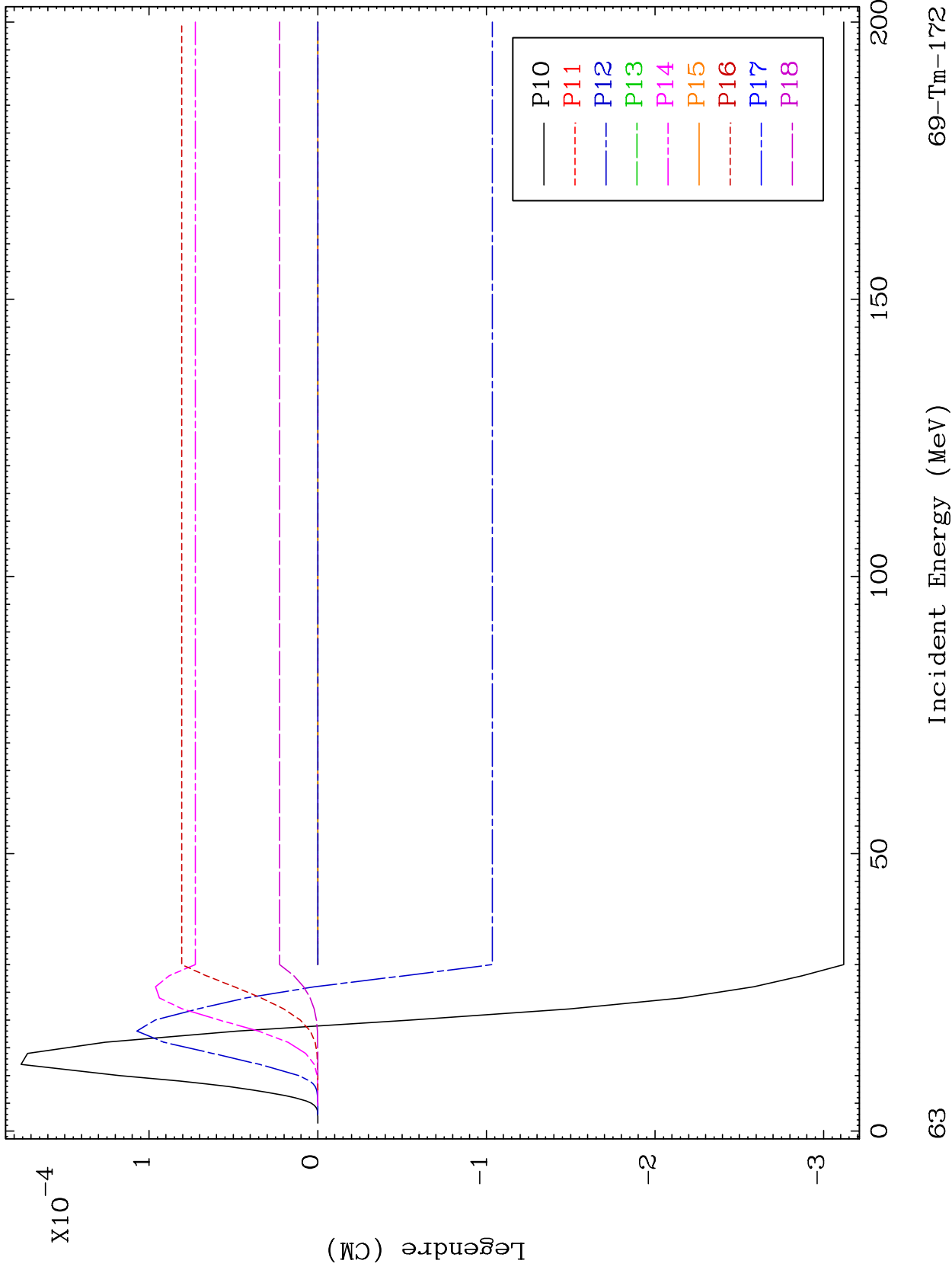




MAT 6934

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

69-Tm-172



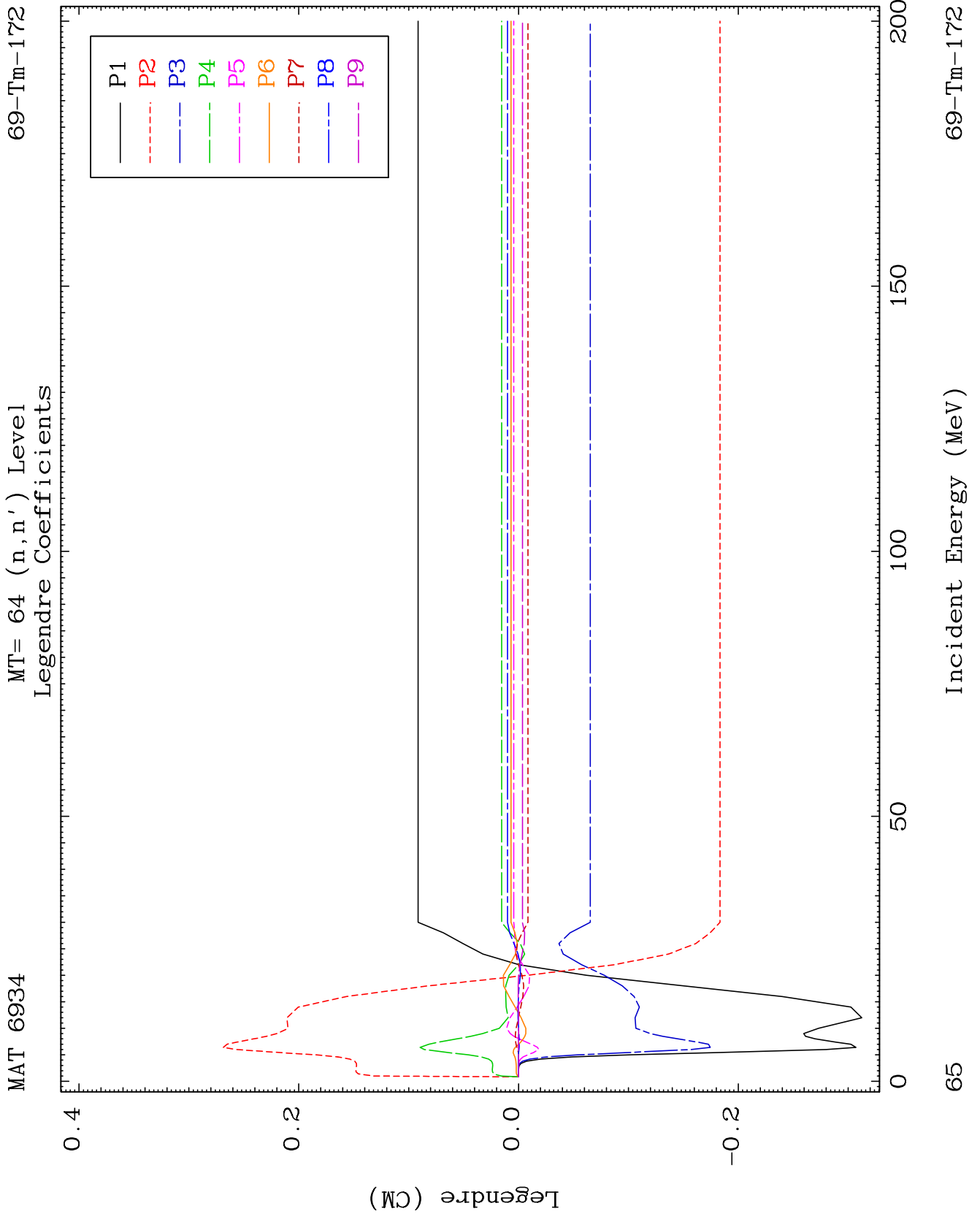
63

Incident Energy (MeV)

69-Tm-172



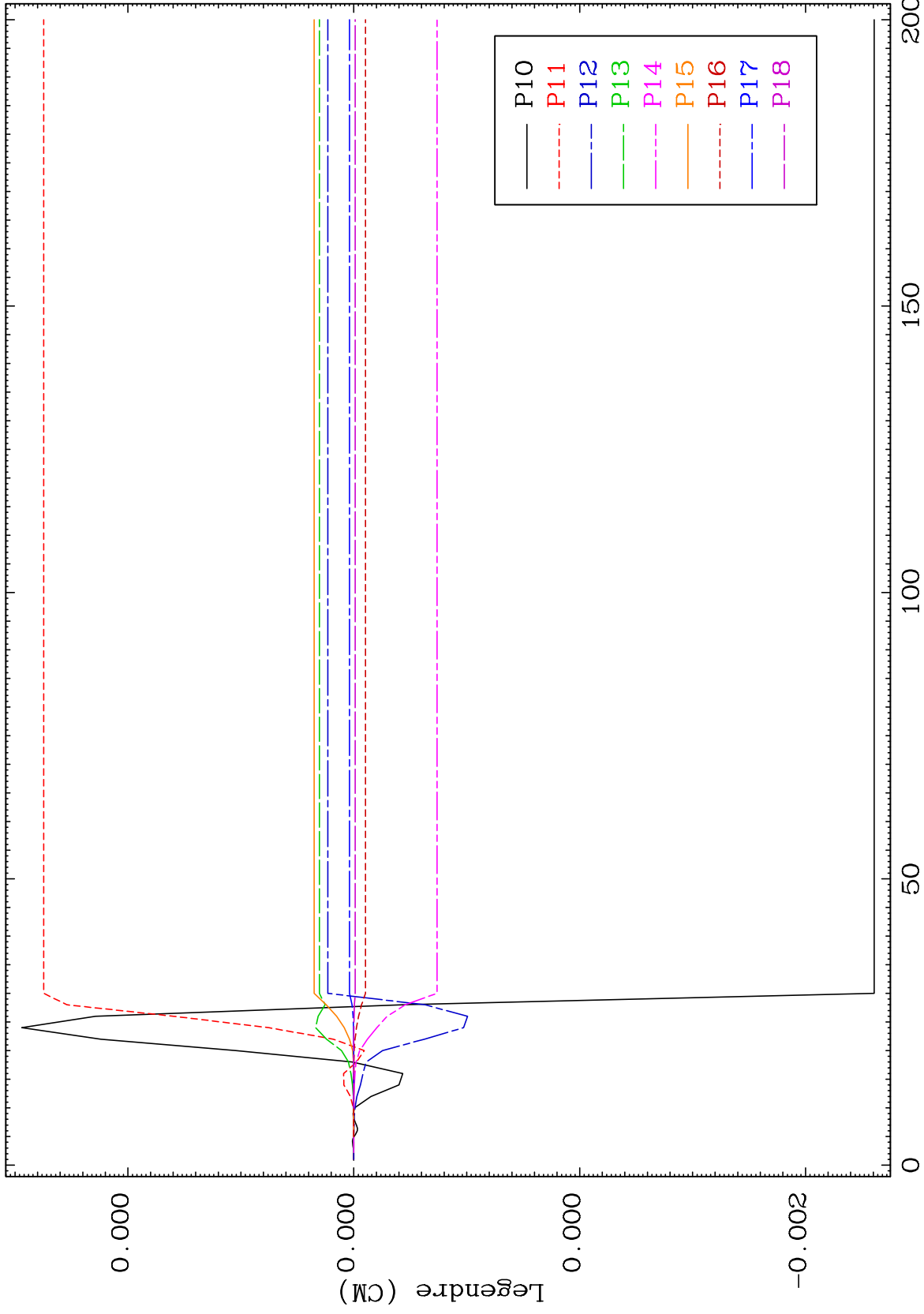




MAT 6934

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

69-Tm-172



66

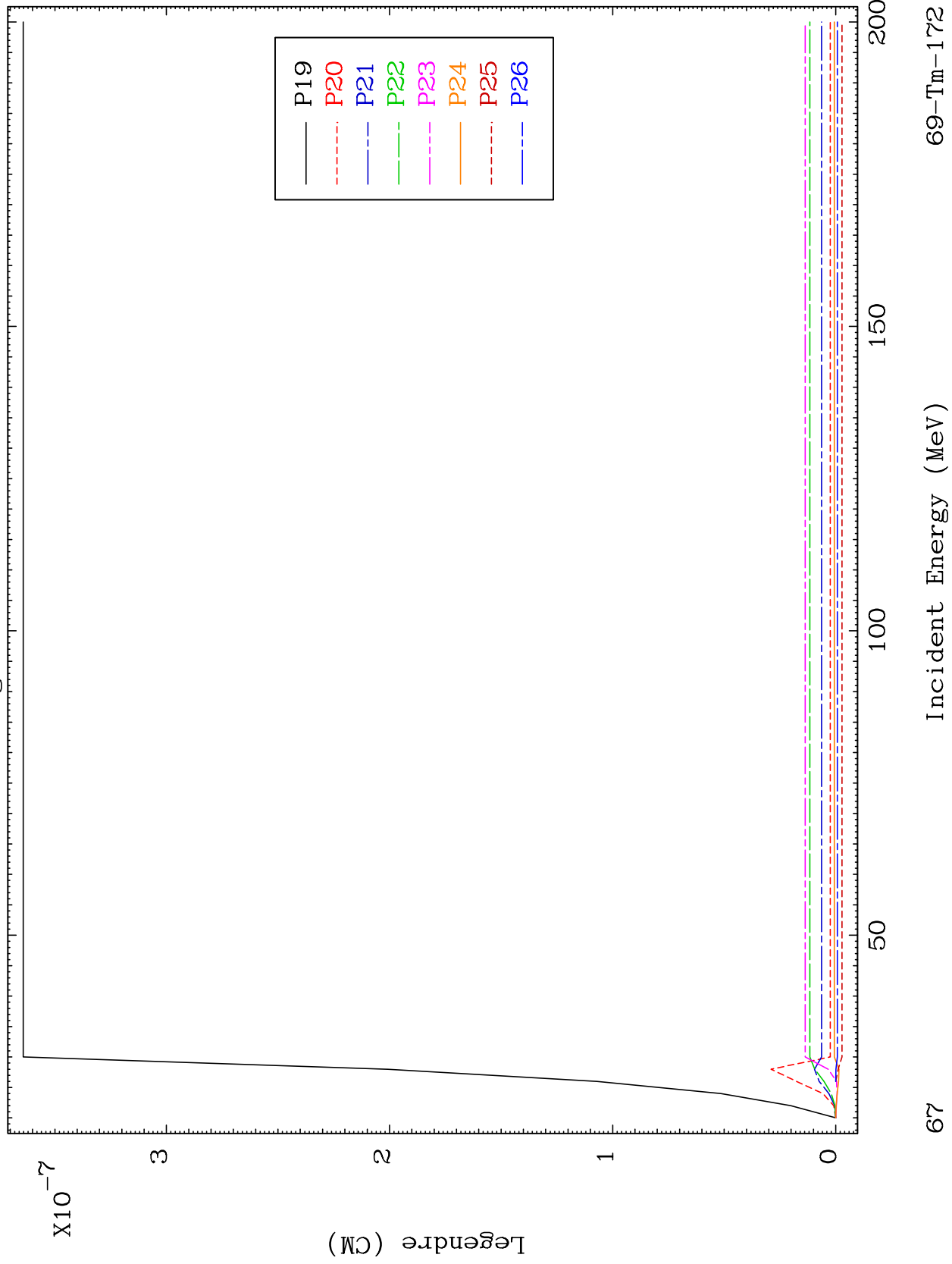
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



67

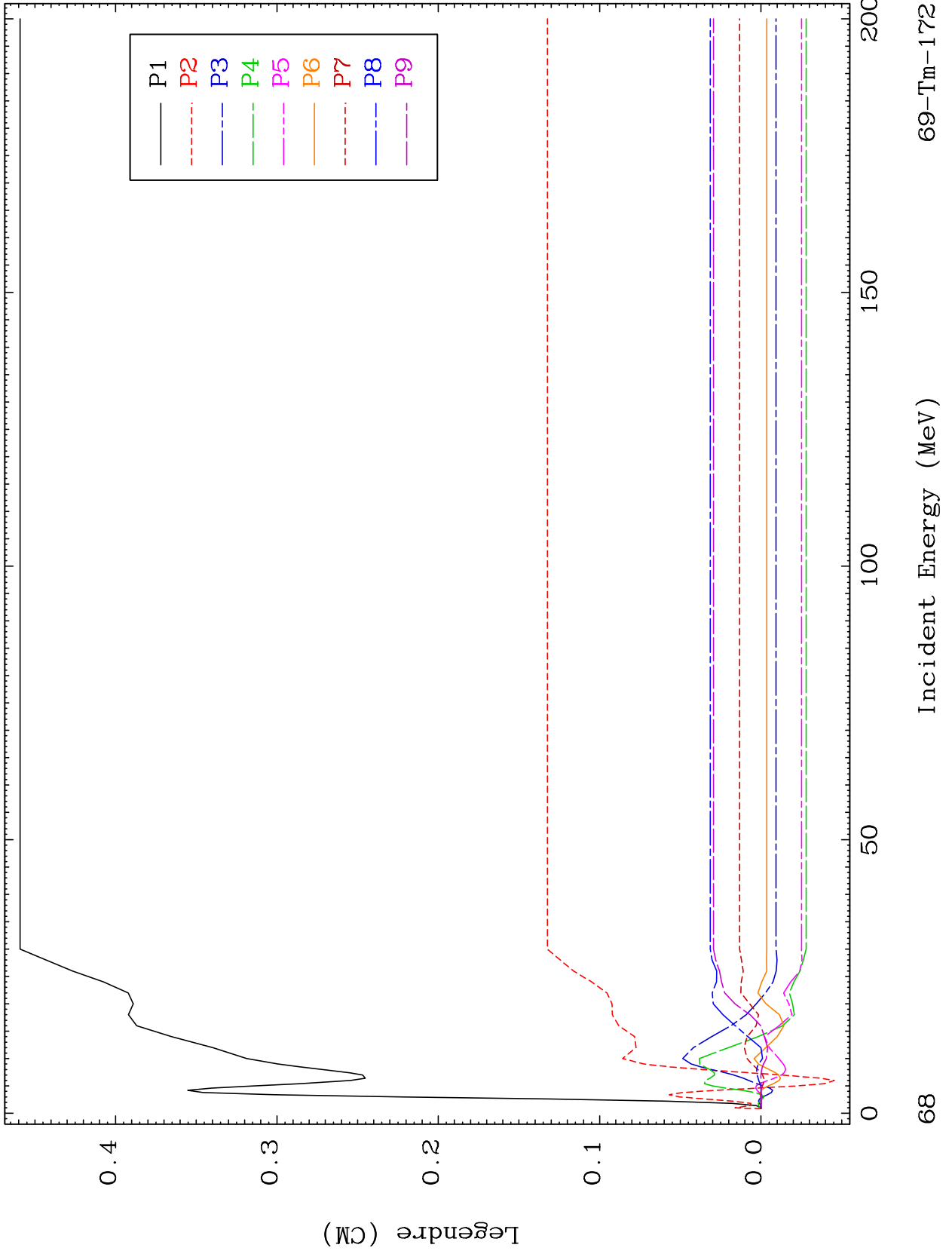
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

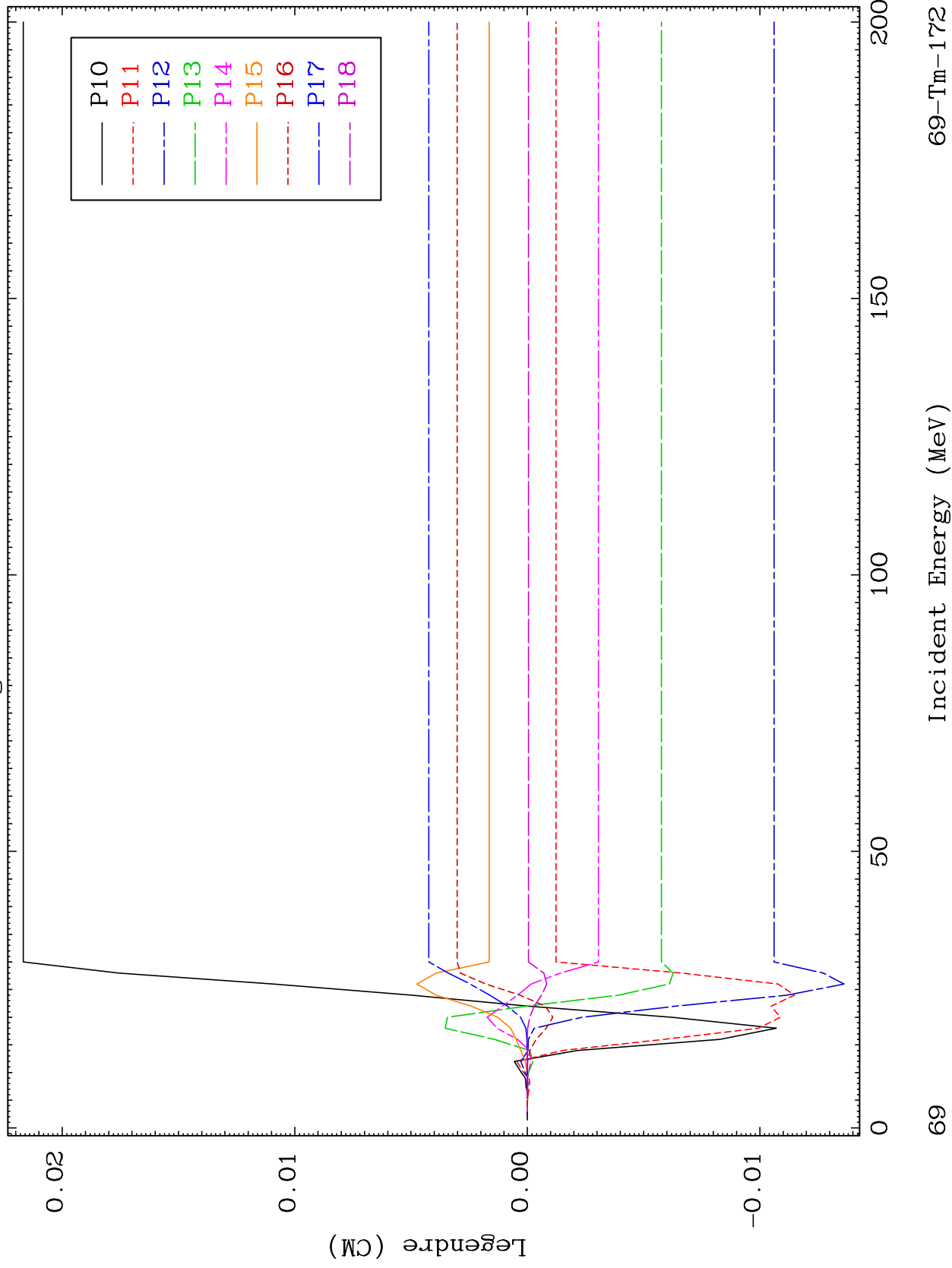
Incident Energy (MeV)

68

MAT 6934

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

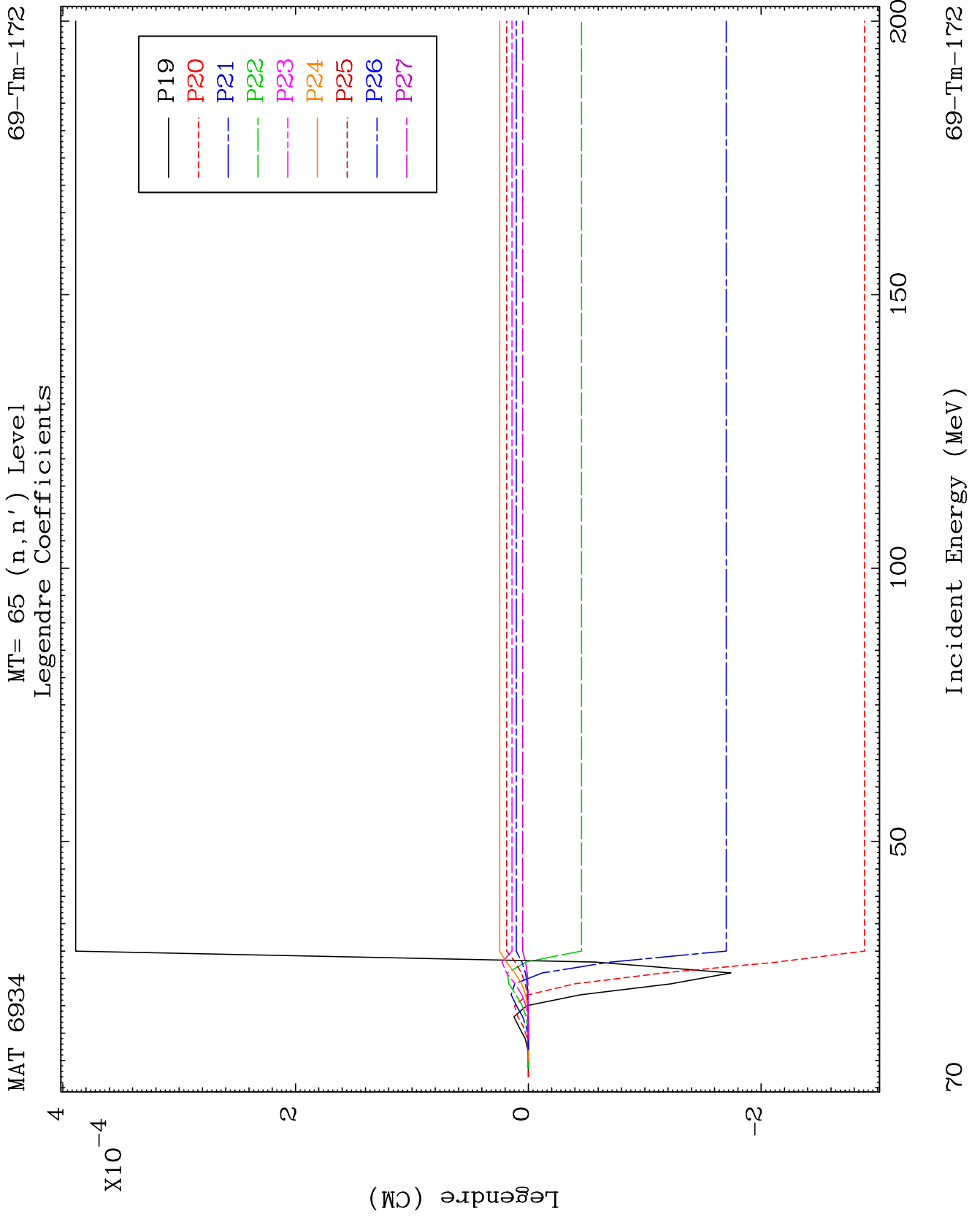
69-Tm-172



69-Tm-172

Incident Energy (MeV)

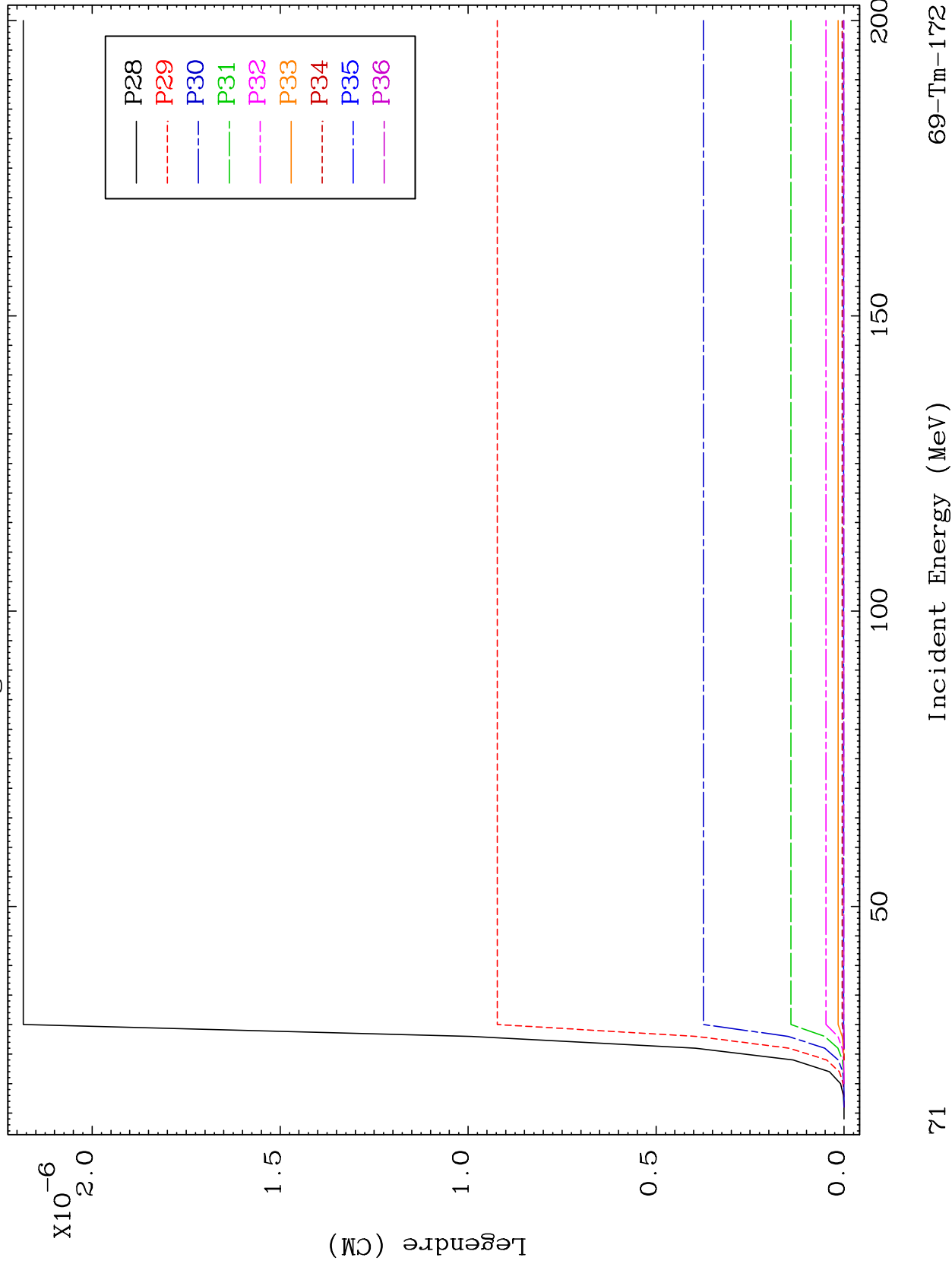
69



MAT 6934

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

69-Tm-172



71

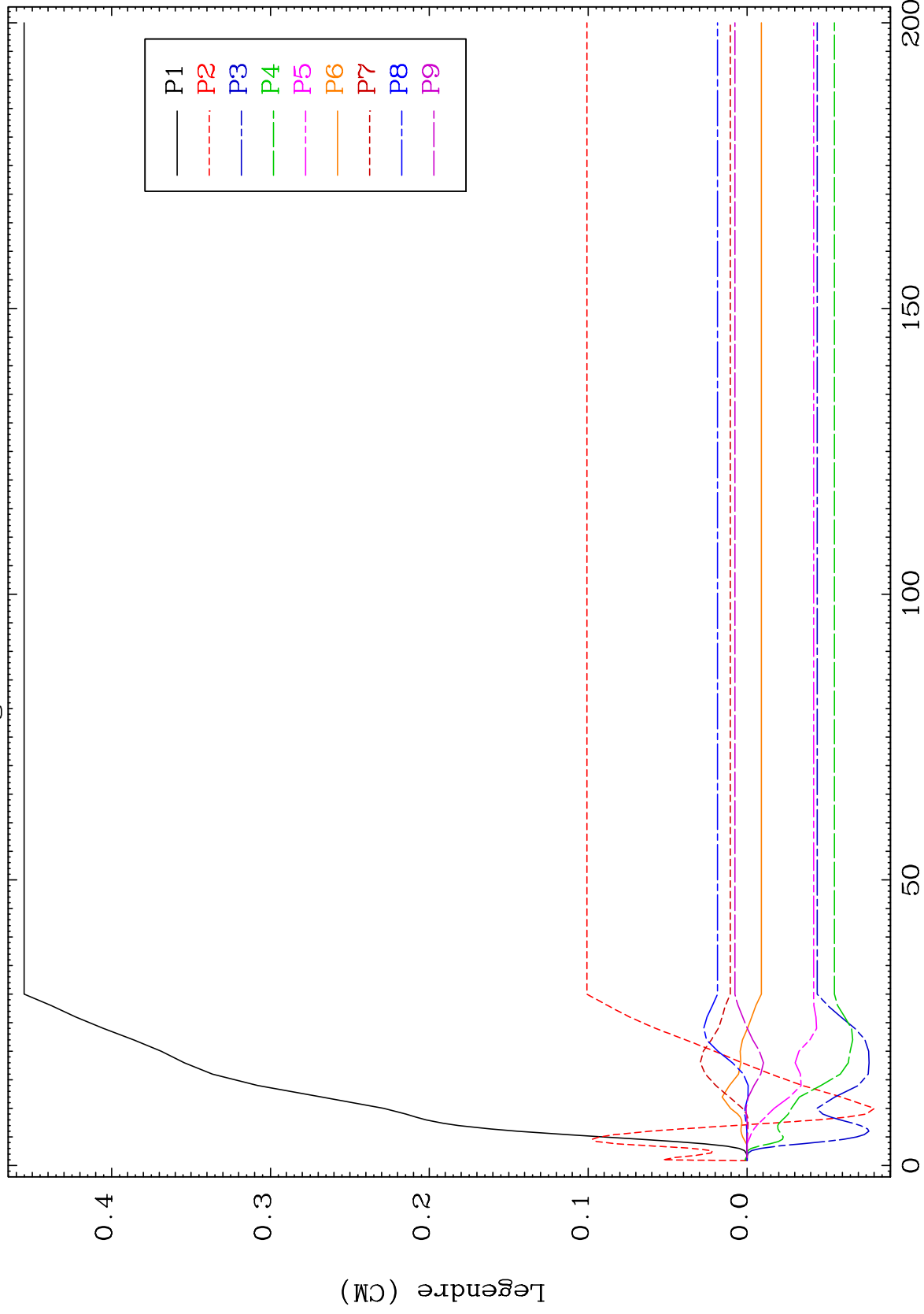
69-Tm-172



MAT 6934

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

69-Tm-172



72

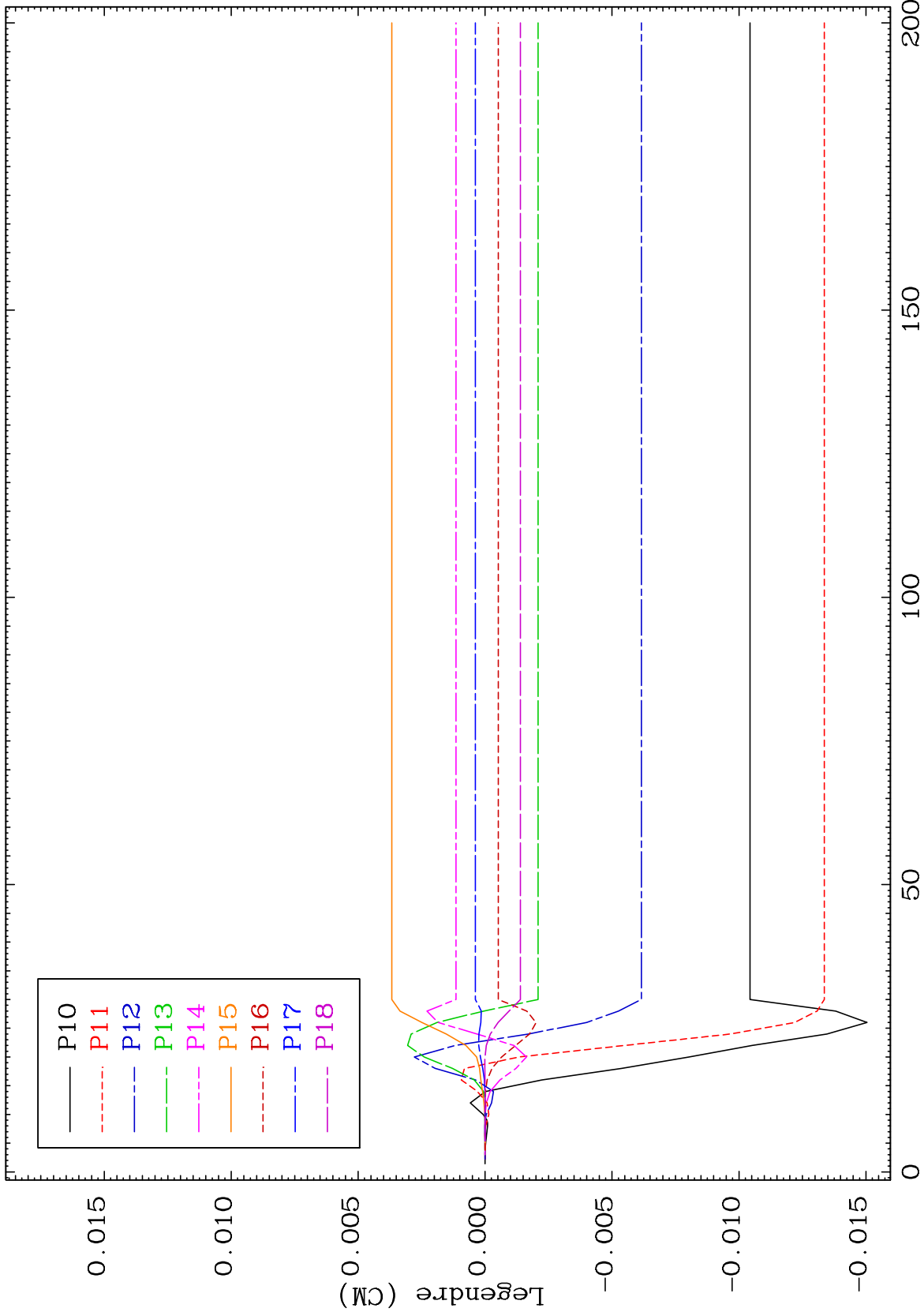
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



73

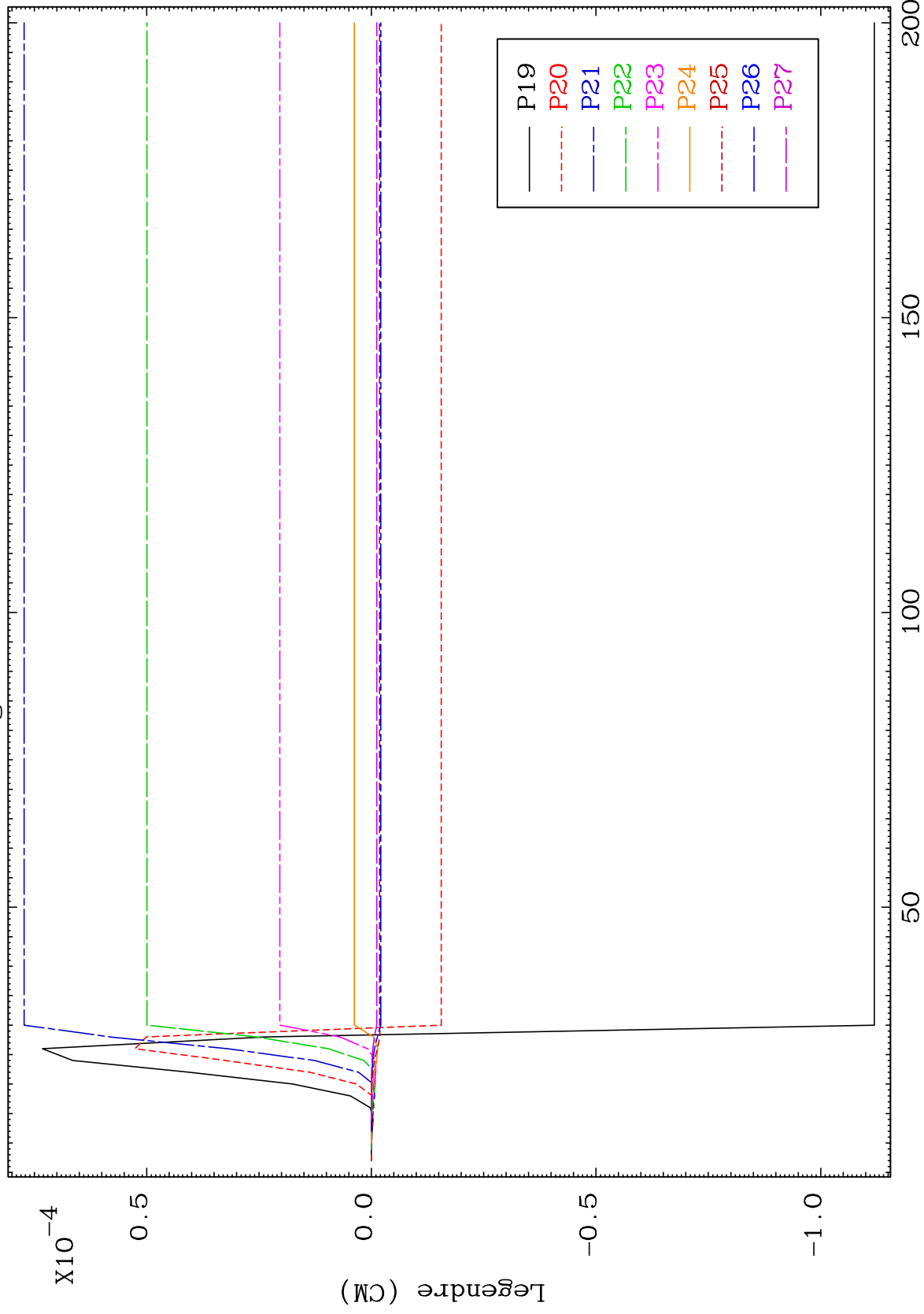
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



74

Incident Energy (MeV)

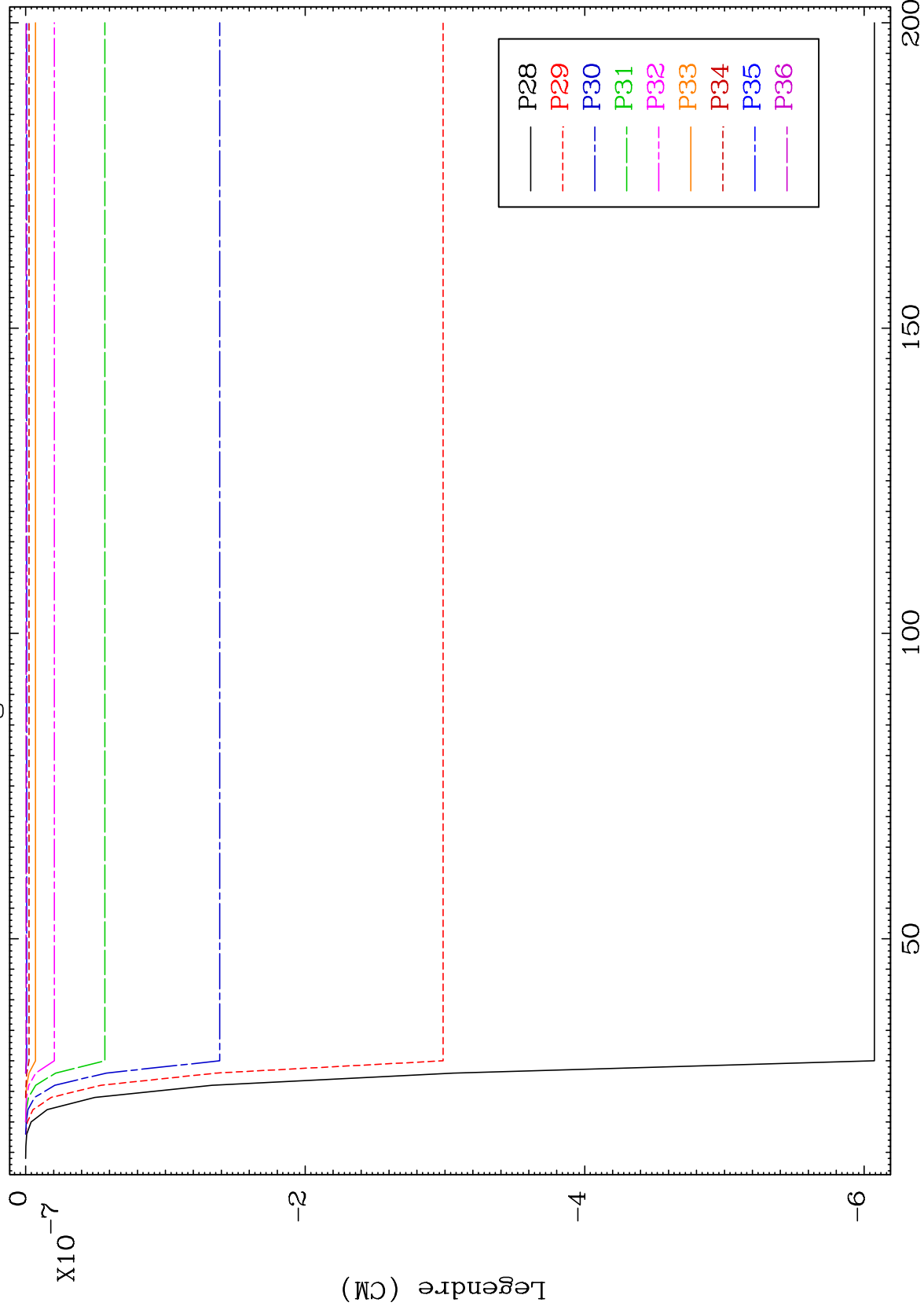
69-Tm-172

MAT 6934

MT= 66 (n,n') Level

69-Tm-172

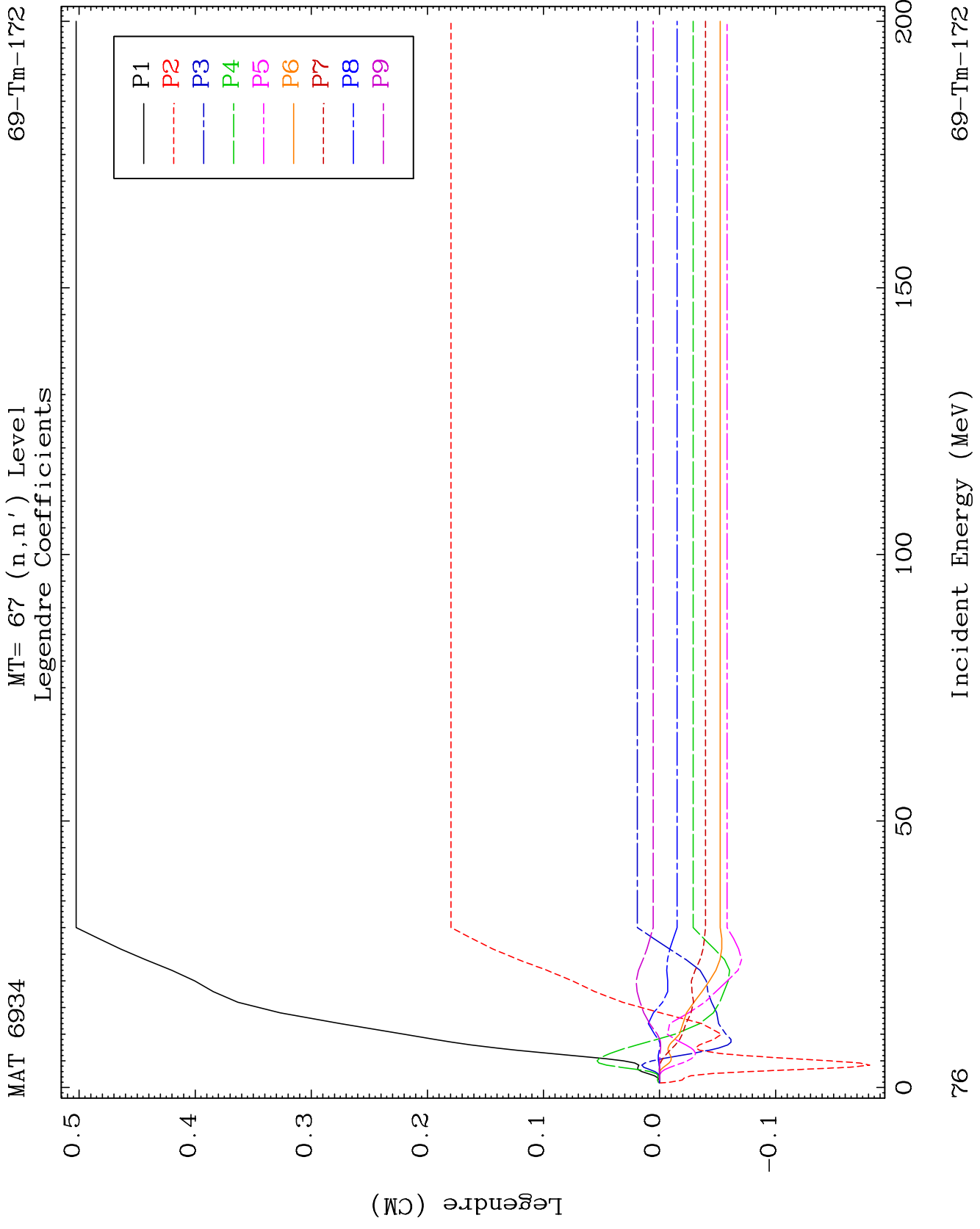
Legendre Coefficients



75

Incident Energy (MeV)

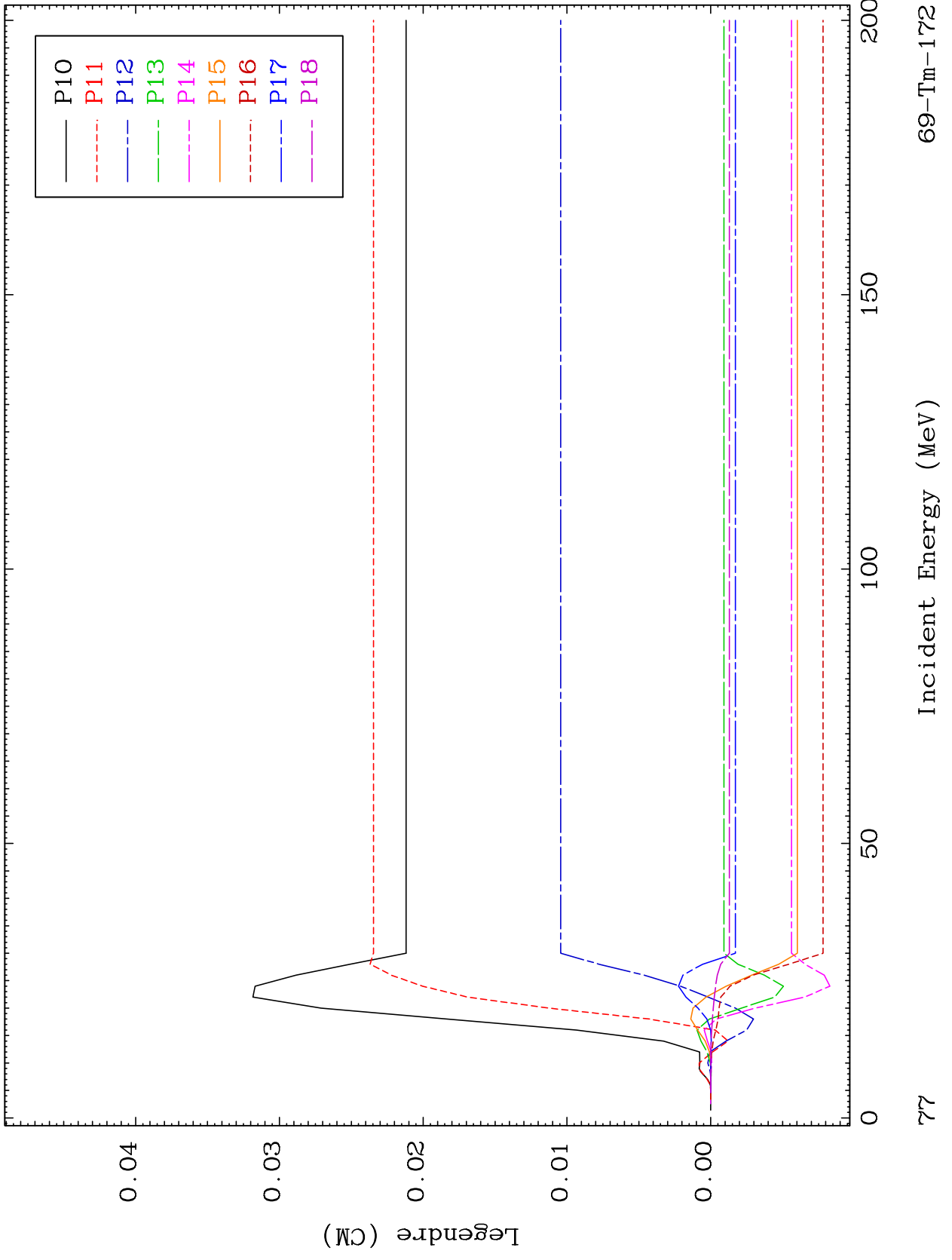
69-Tm-172



MAT 6934

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

69-Tm-172



77

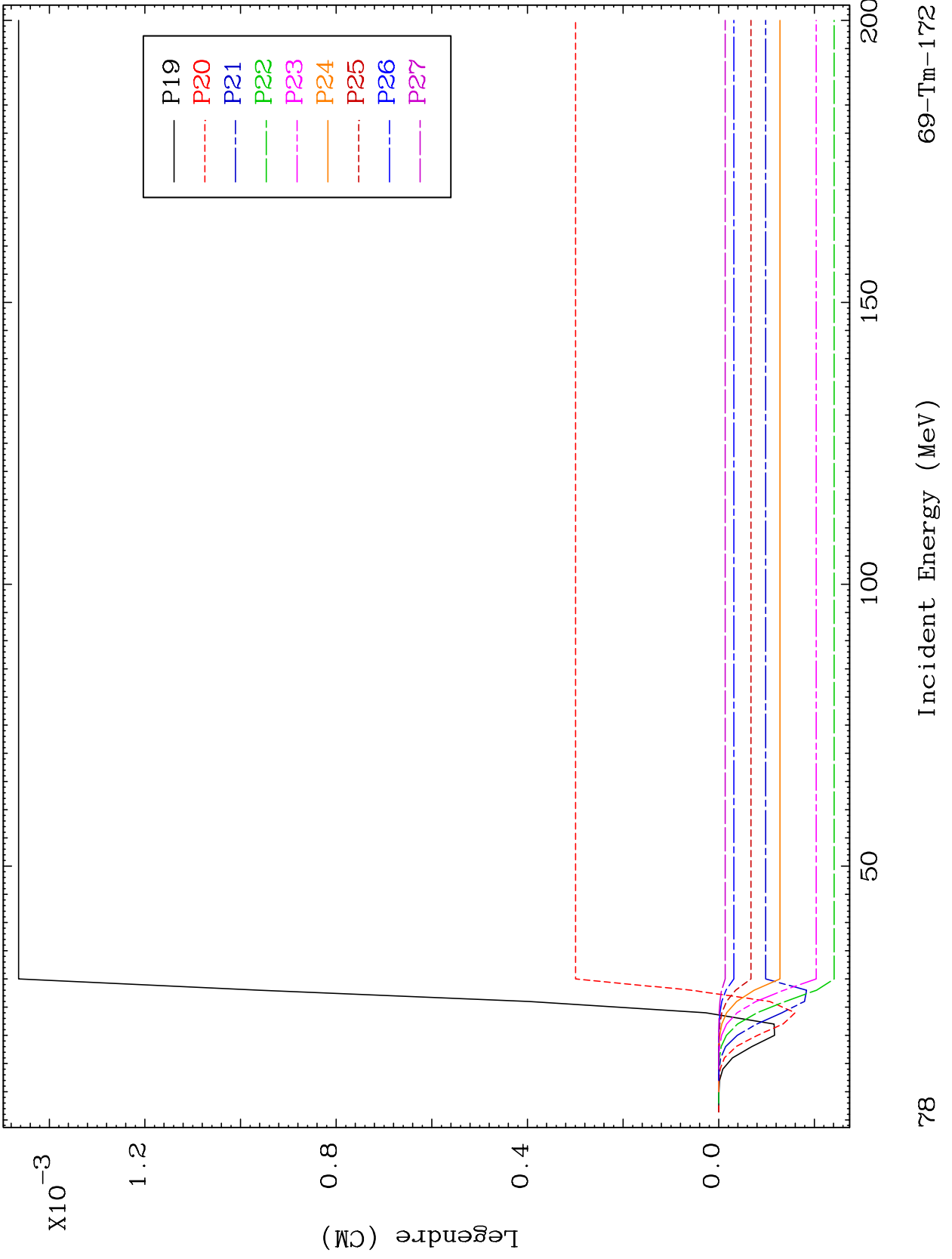
Incident Energy (MeV)

69-Tm-172

MAT 6934

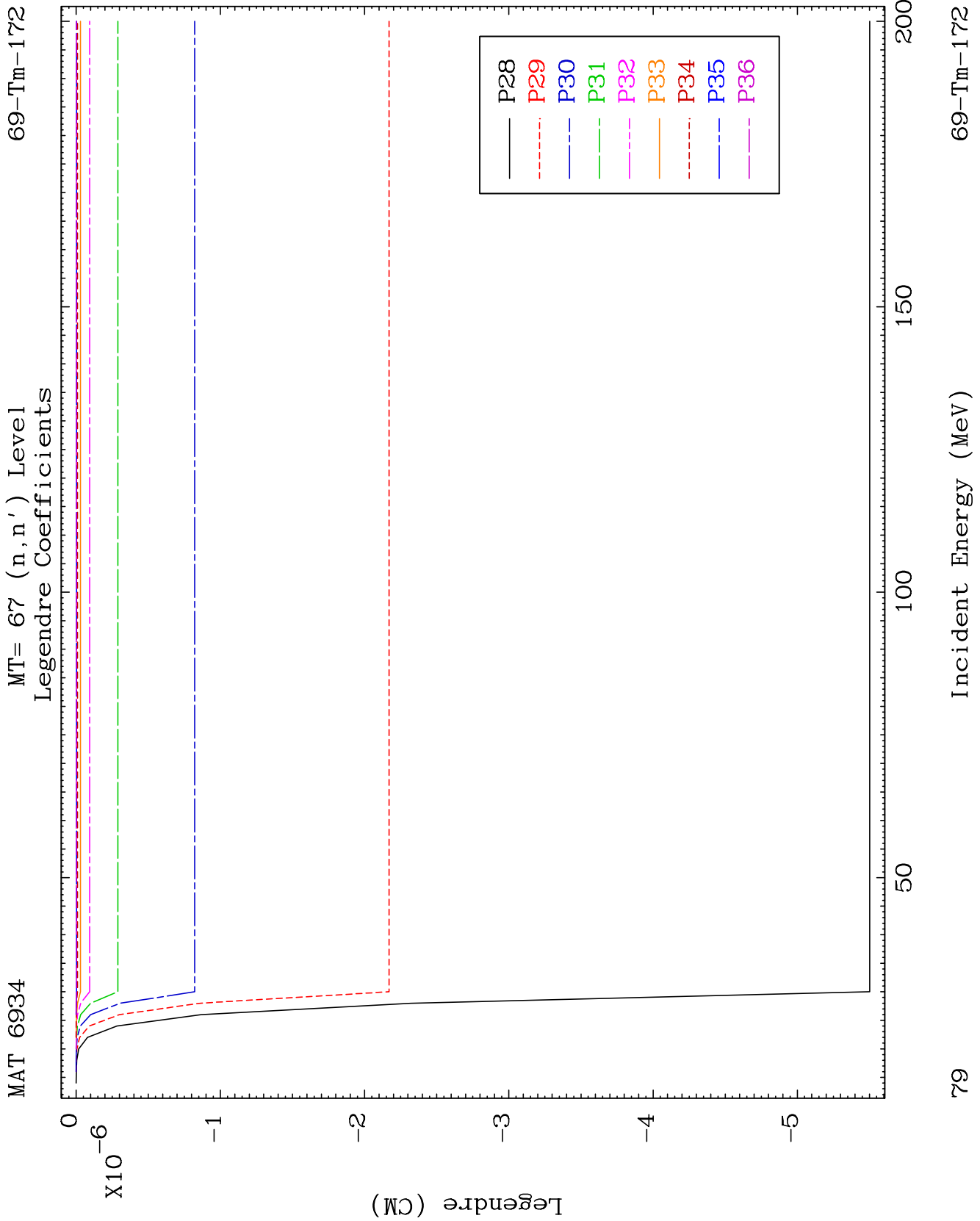
MT= 67 (n,n') Level  
Legendre Coefficients

69-Tm-172

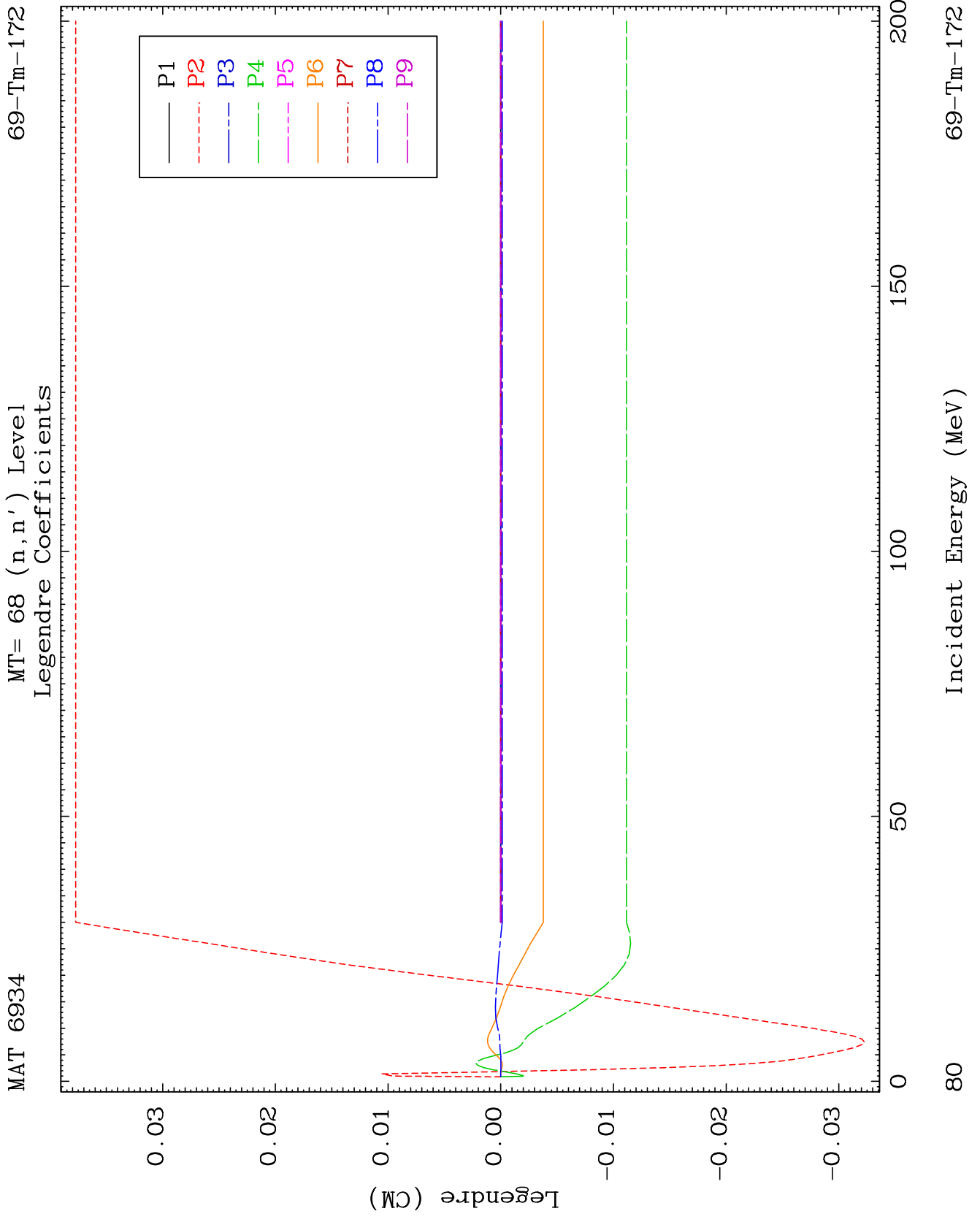


78

69-Tm-172



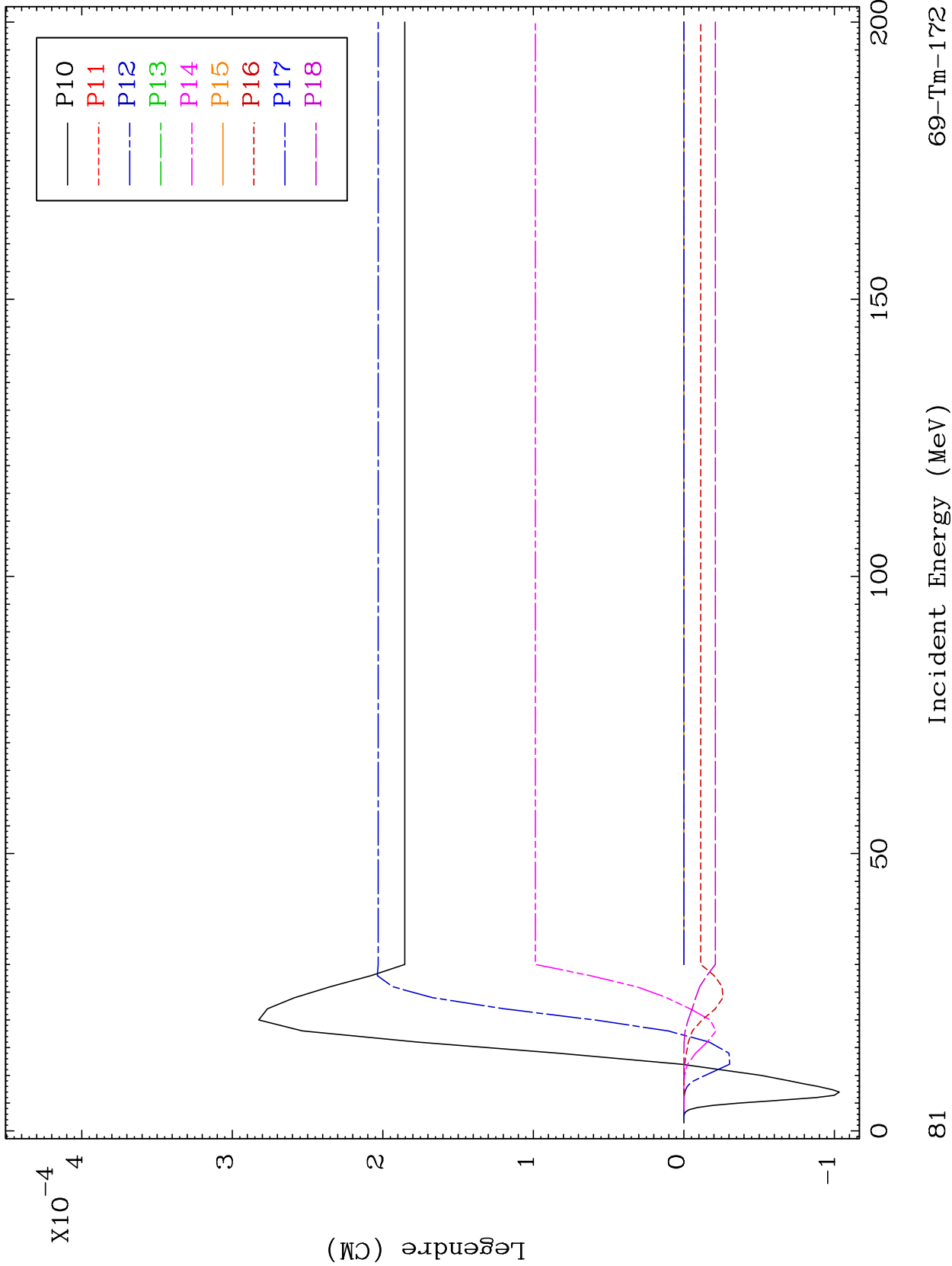




MAT 6934

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

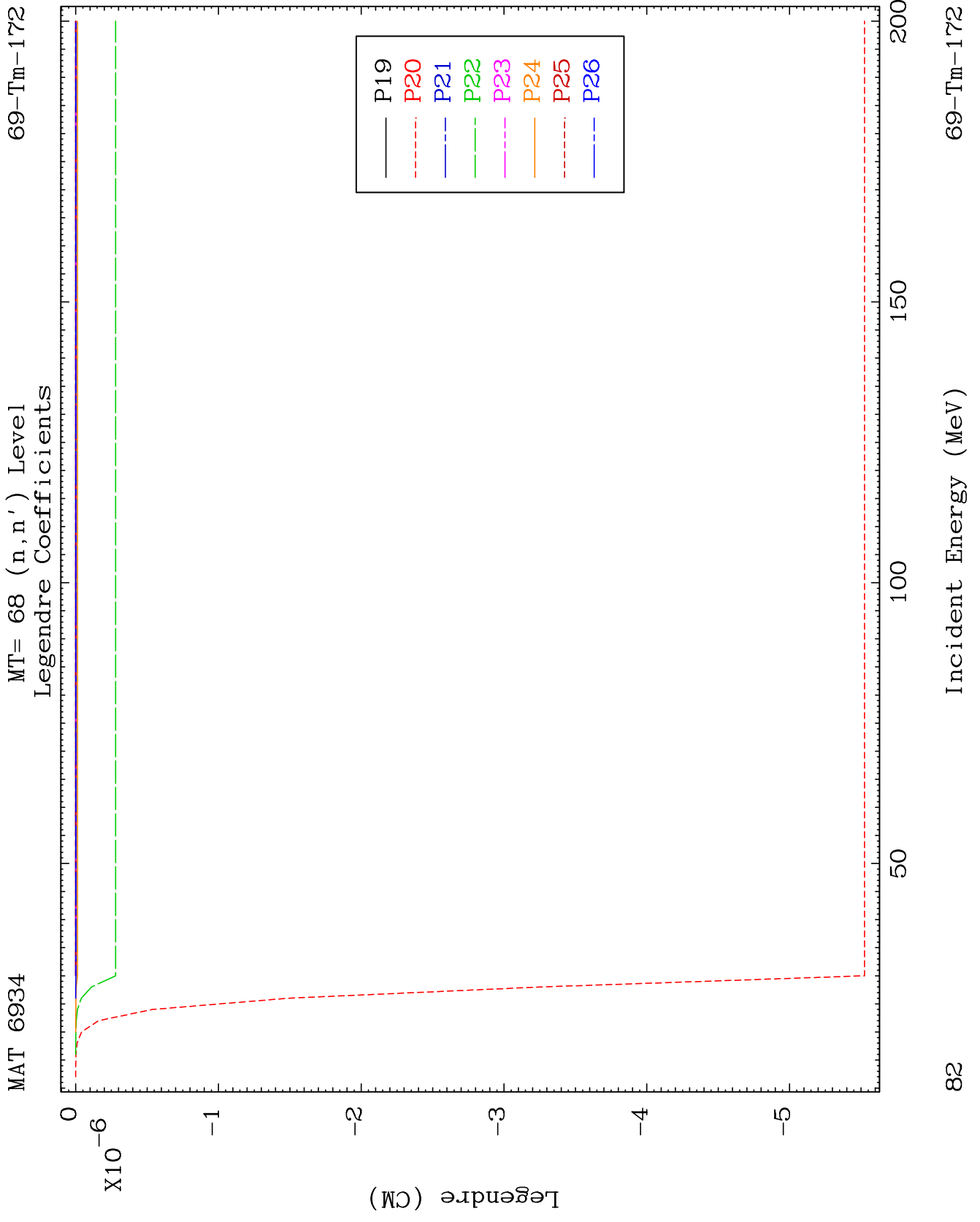
69-Tm-172



81

Incident Energy (MeV)

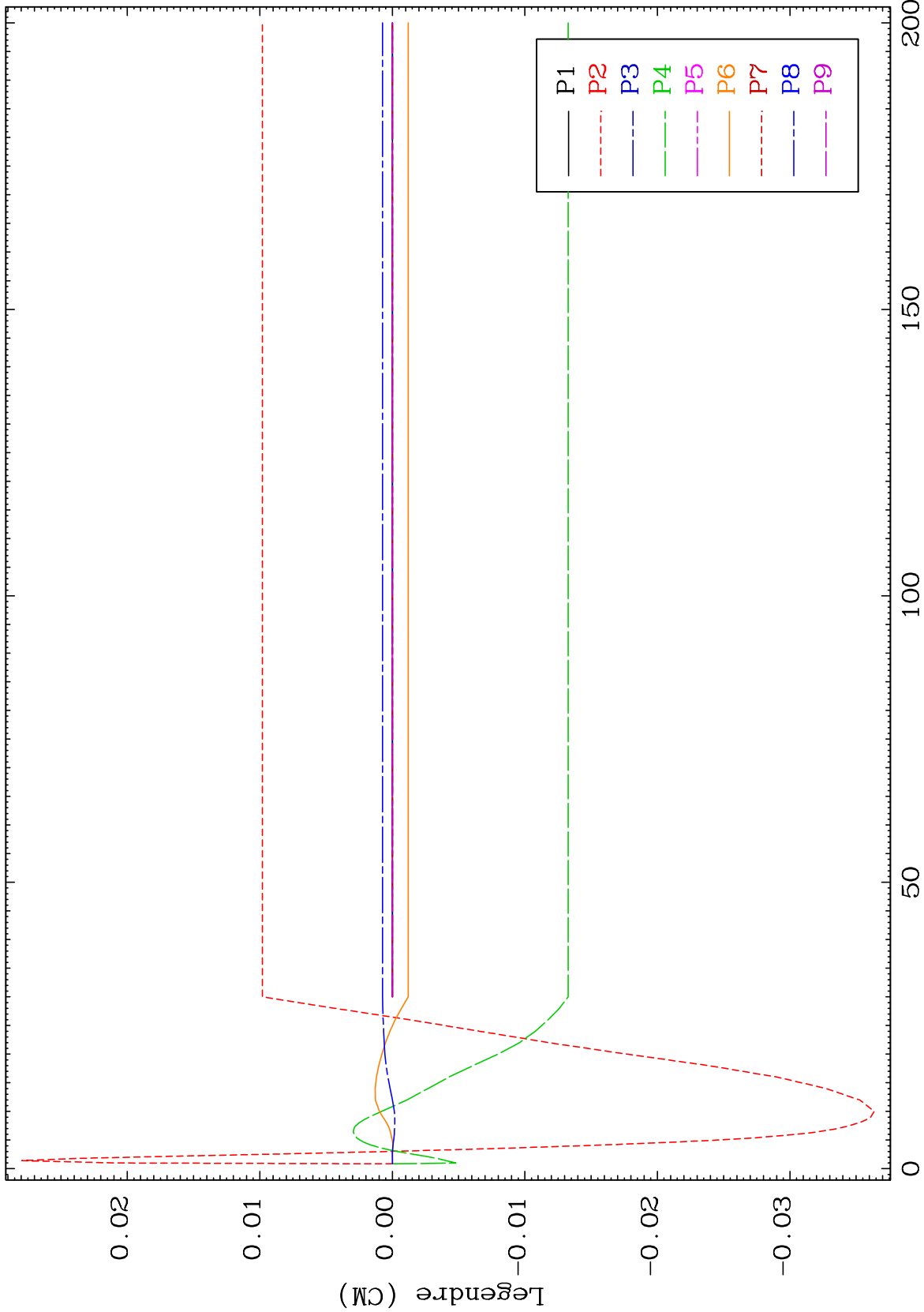
69-Tm-172



MAT 6934

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

69-Tm-172



83

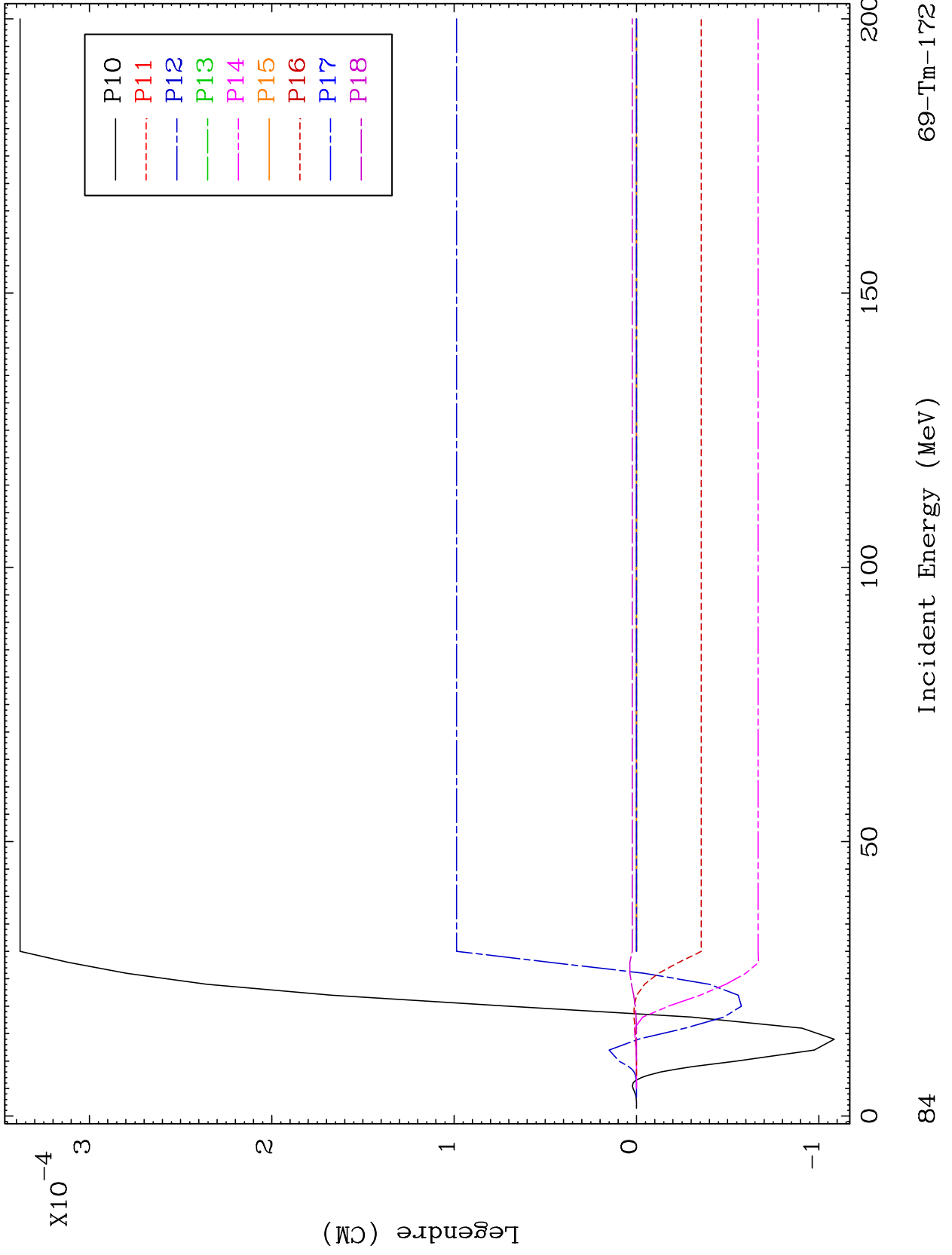
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

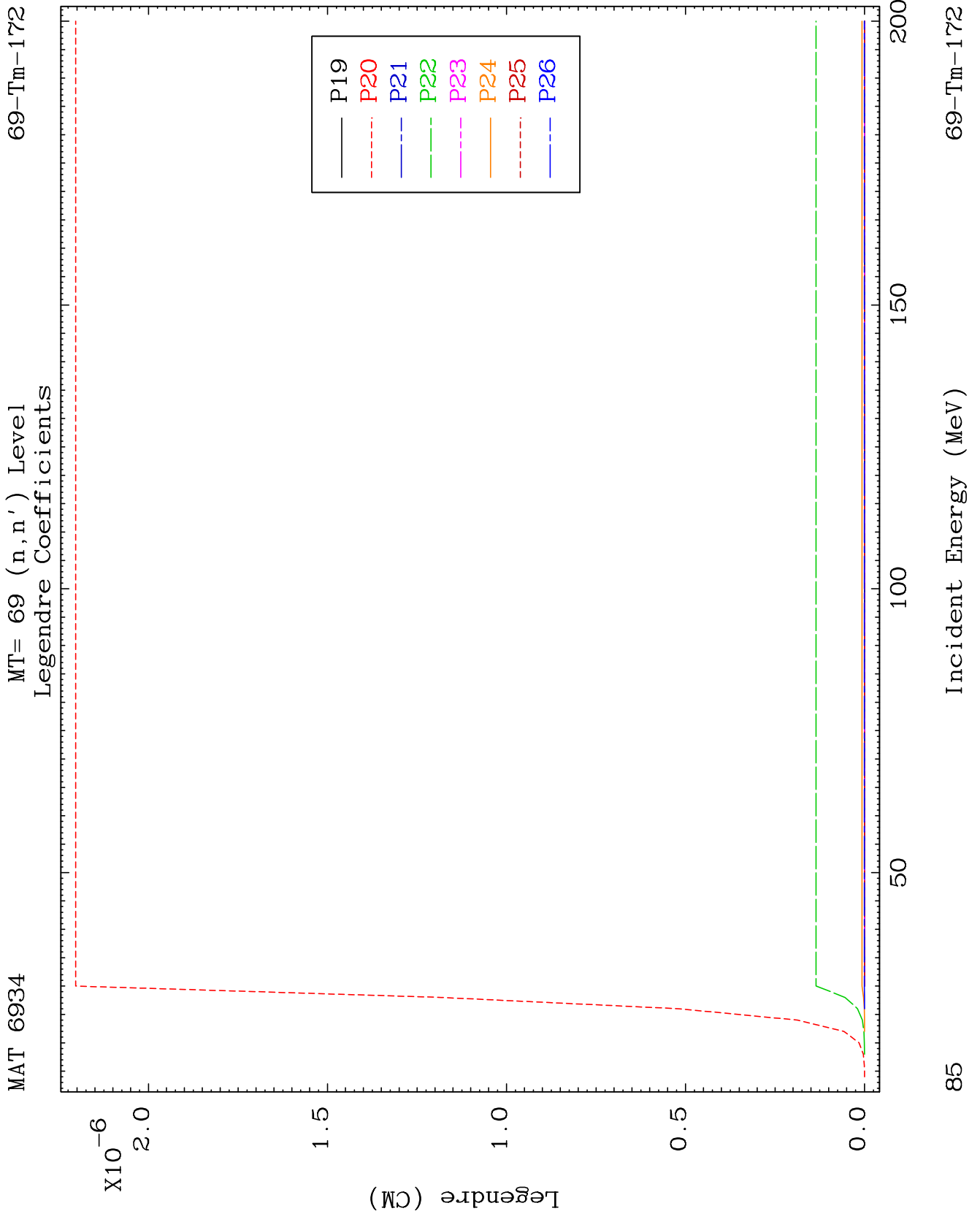
69-Tm-172



84

Incident Energy (MeV)

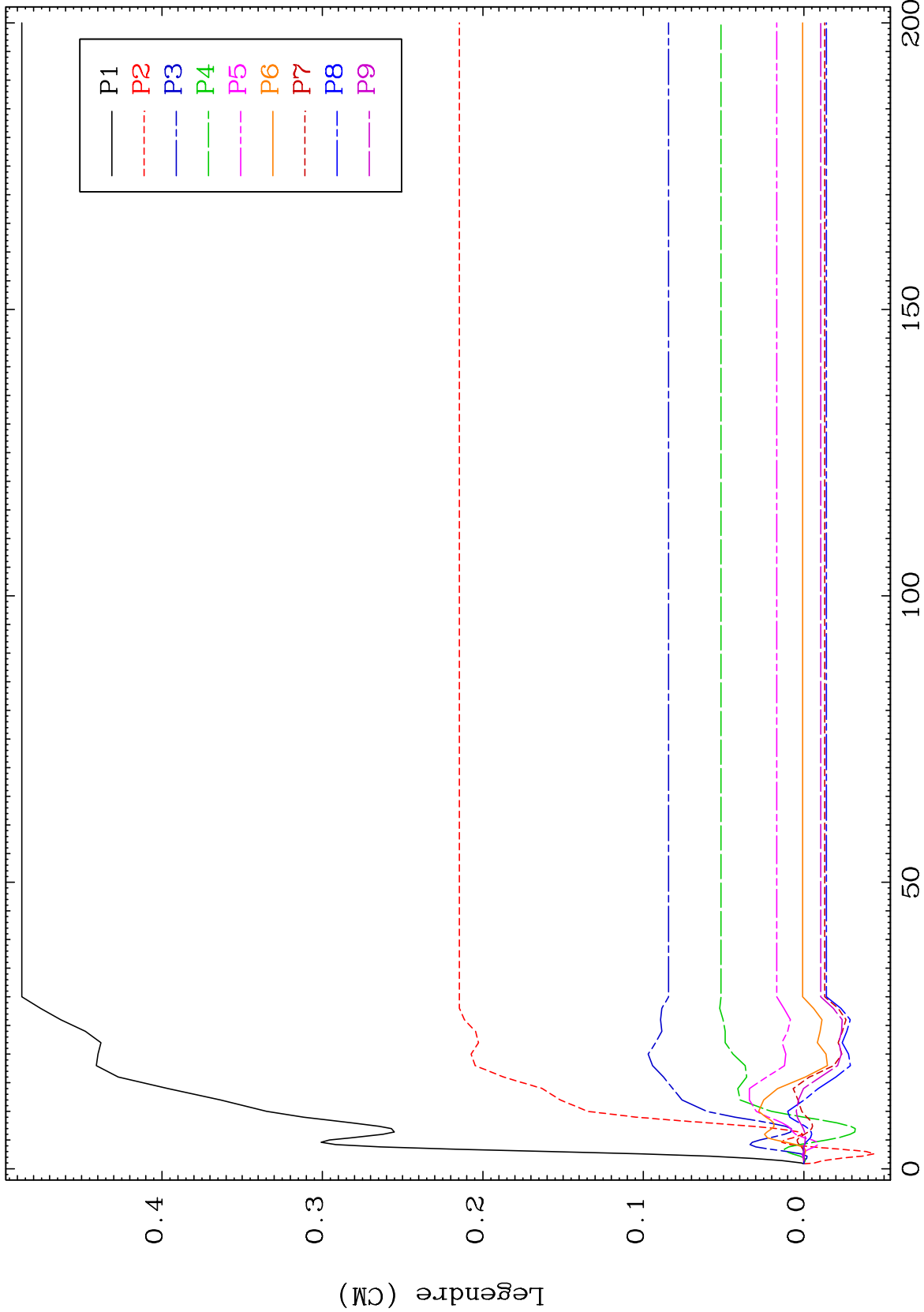
69-Tm-172



MAT 6934

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

69-Tm-172



86

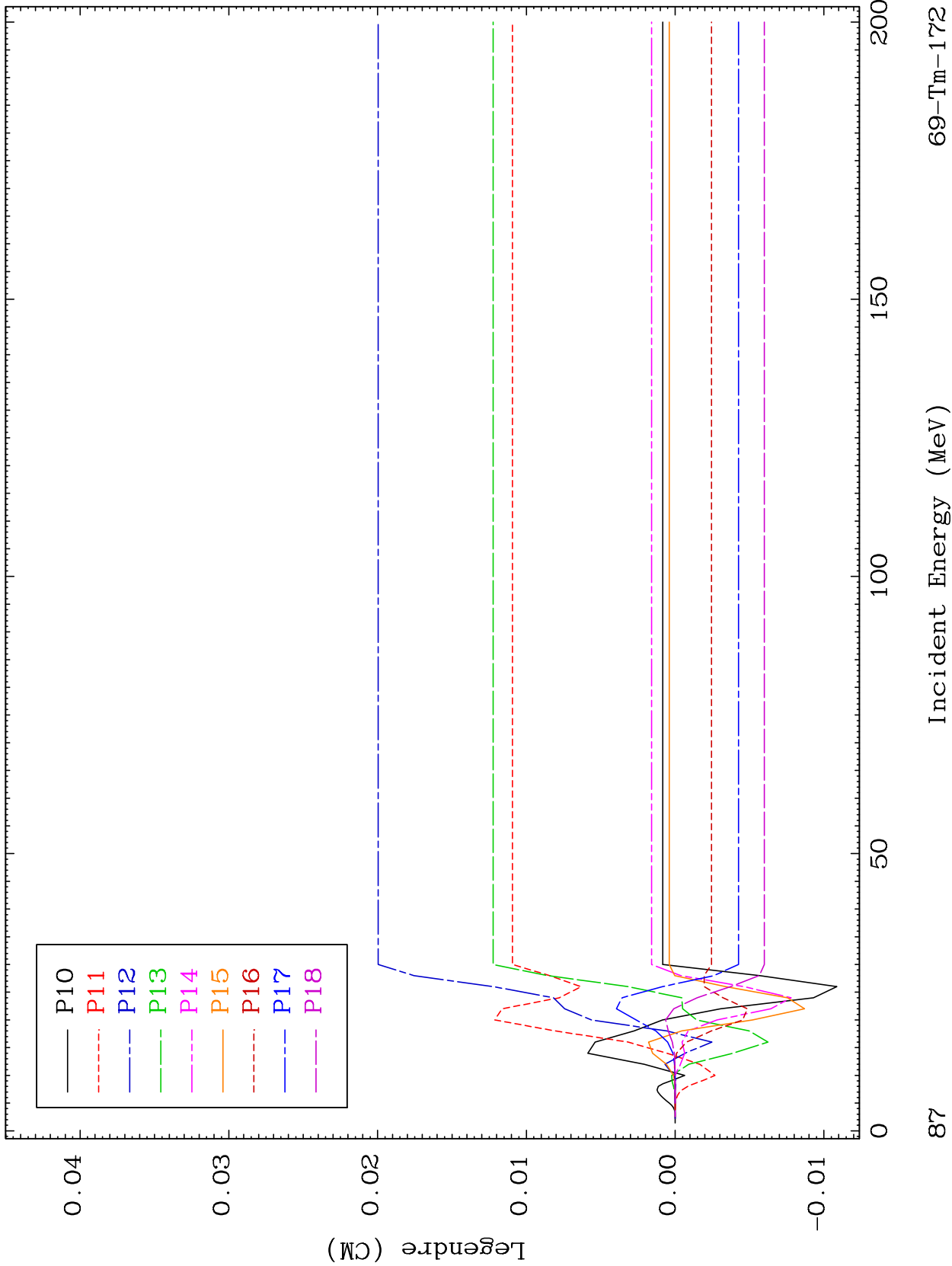
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

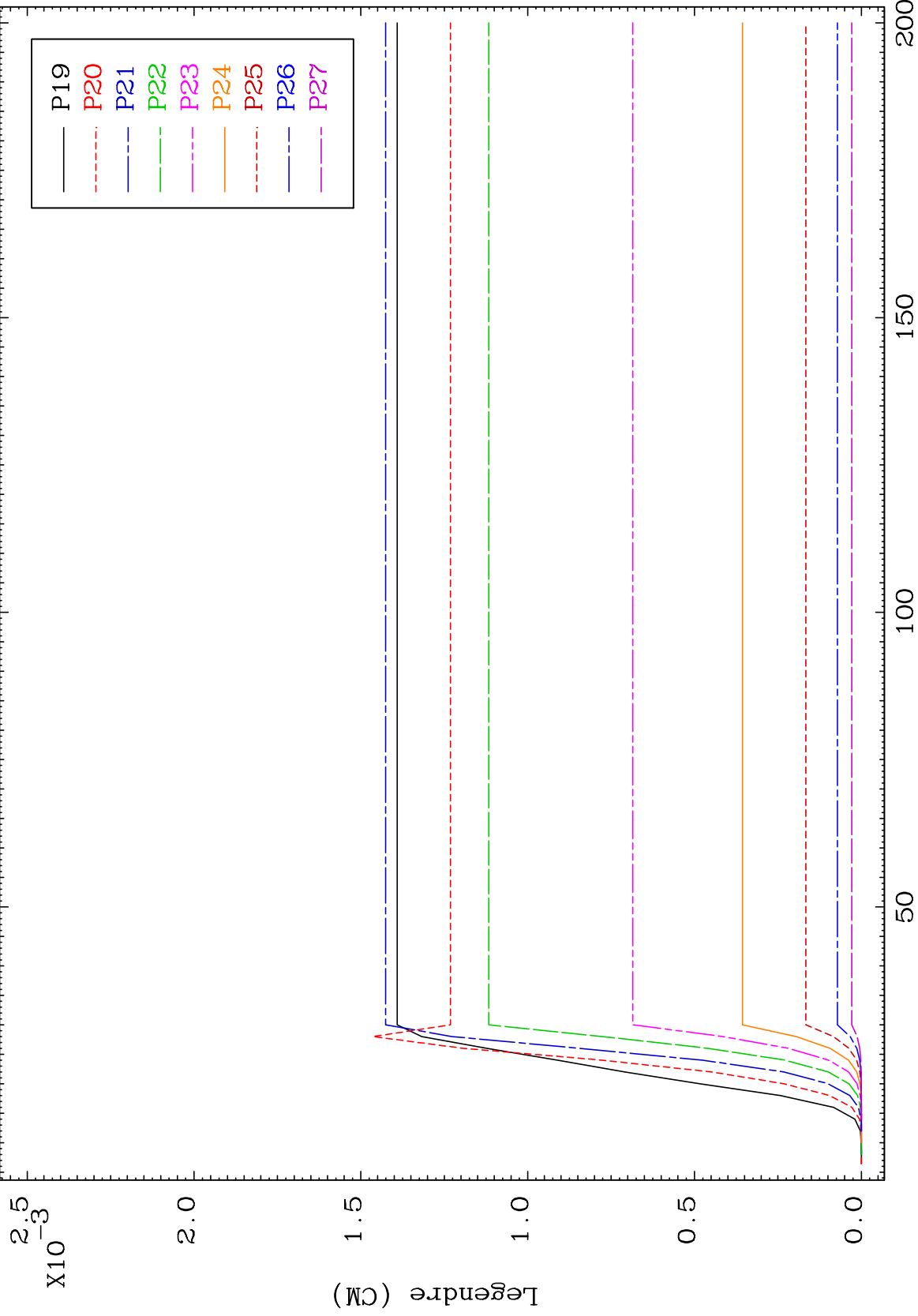




MAT 6934

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

69-Tm-172



88

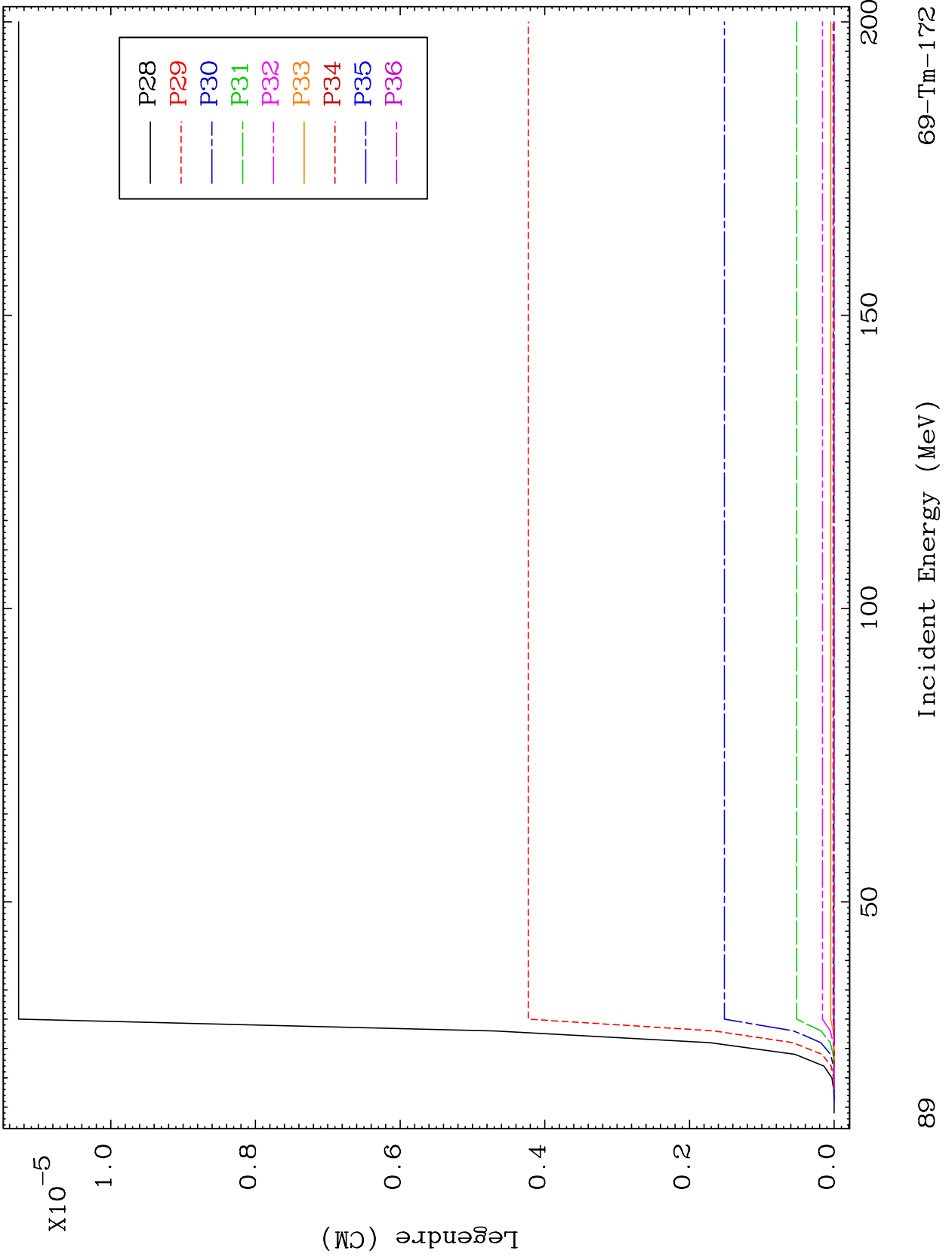
Incident Energy (MeV)

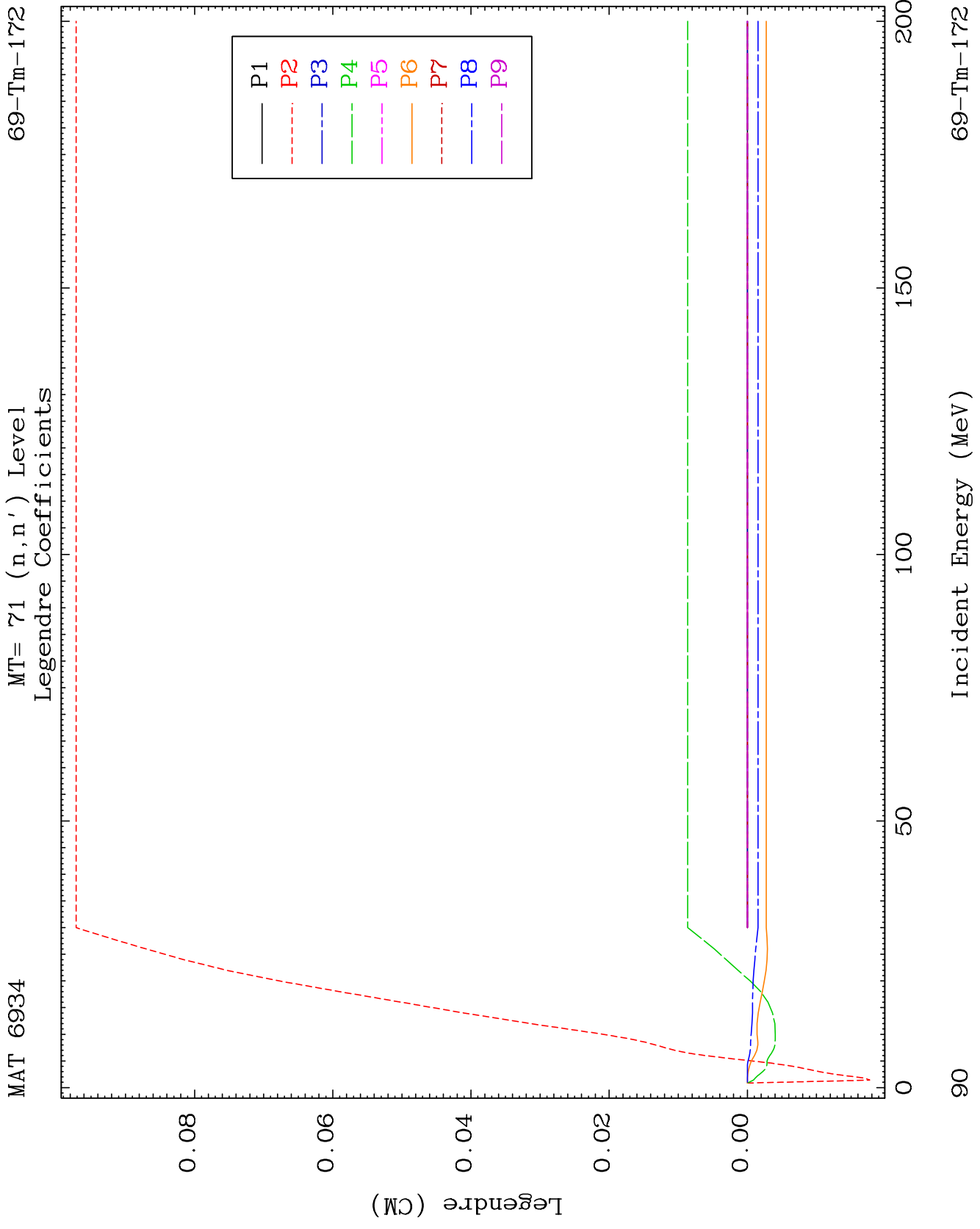
69-Tm-172

MAT 6934

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

69-Tm-172

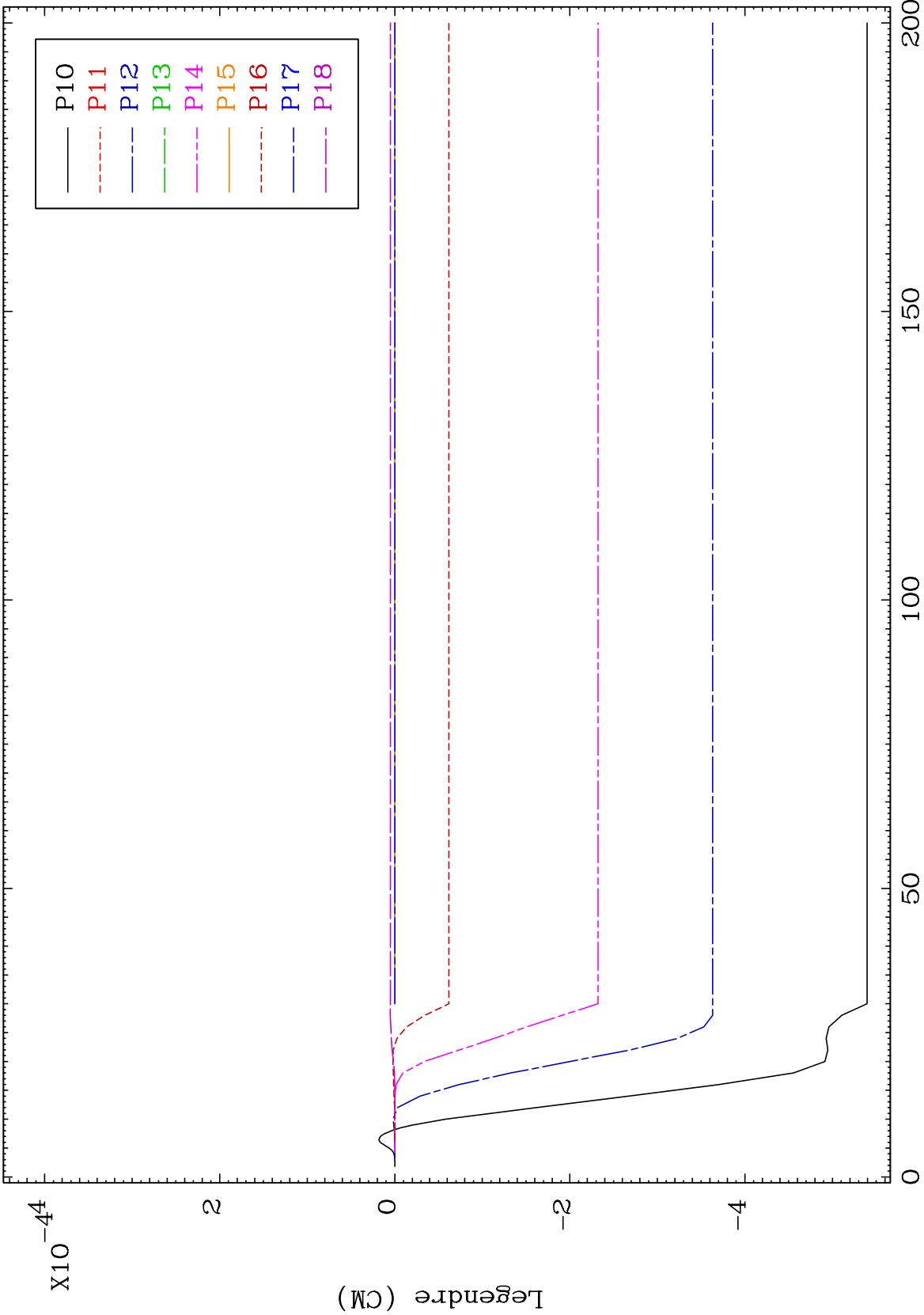




MAT 6934

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

69-Tm-172



91

Incident Energy (MeV)

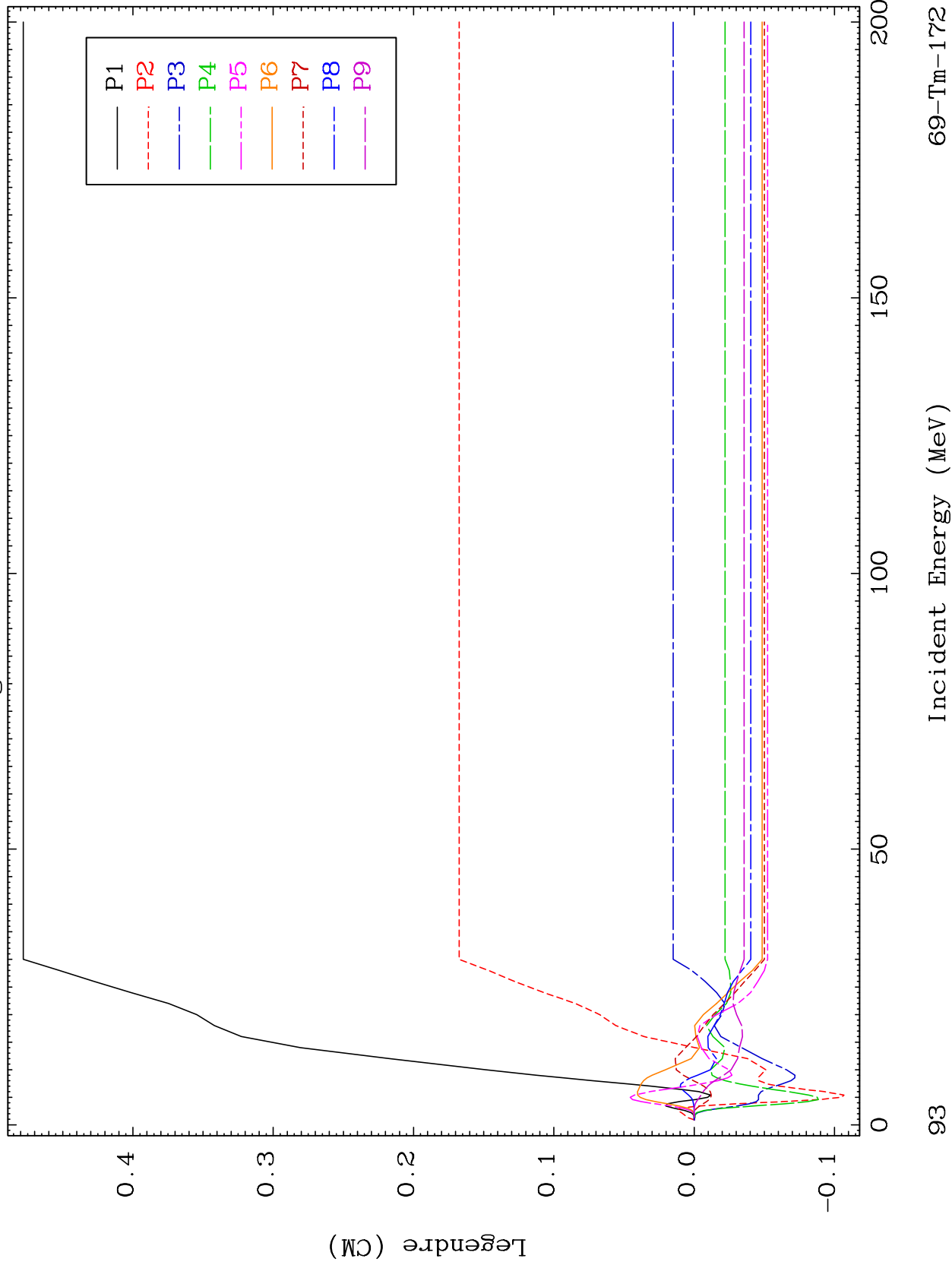
69-Tm-172



MAT 6934

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

69-Tm-172



69-Tm-172

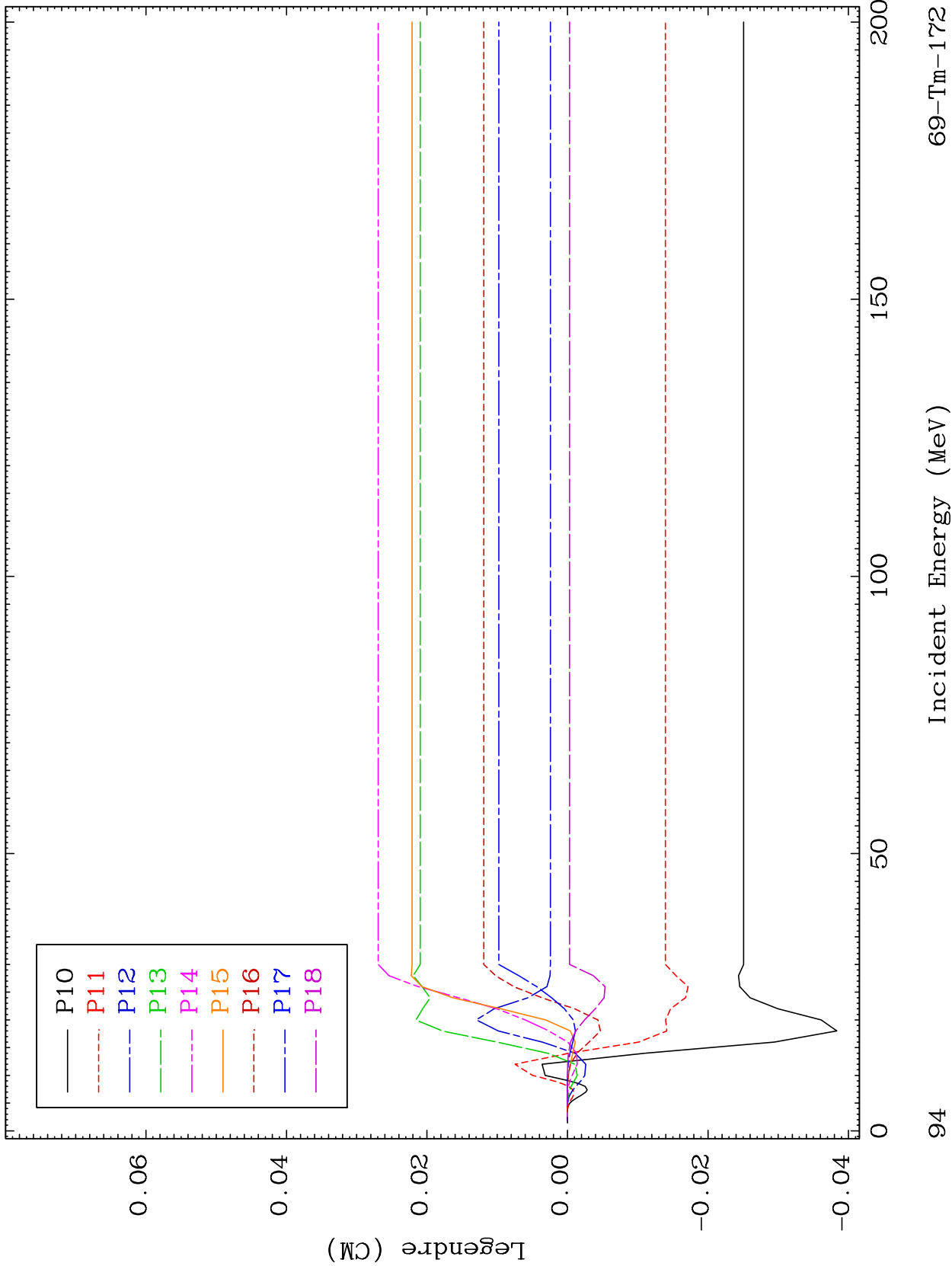
Incident Energy (MeV)

93

MAT 6934

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

69-Tm-172



94

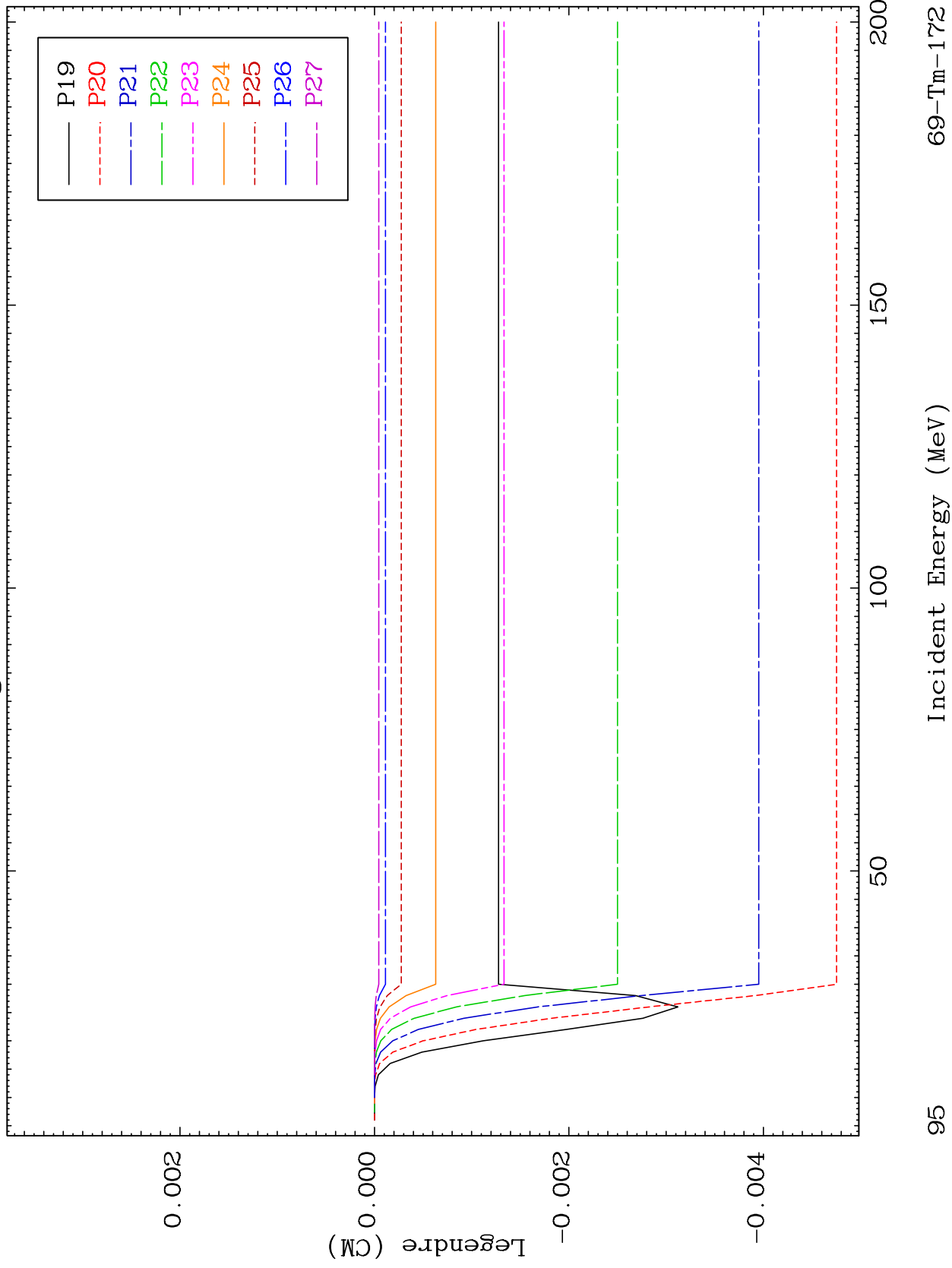
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

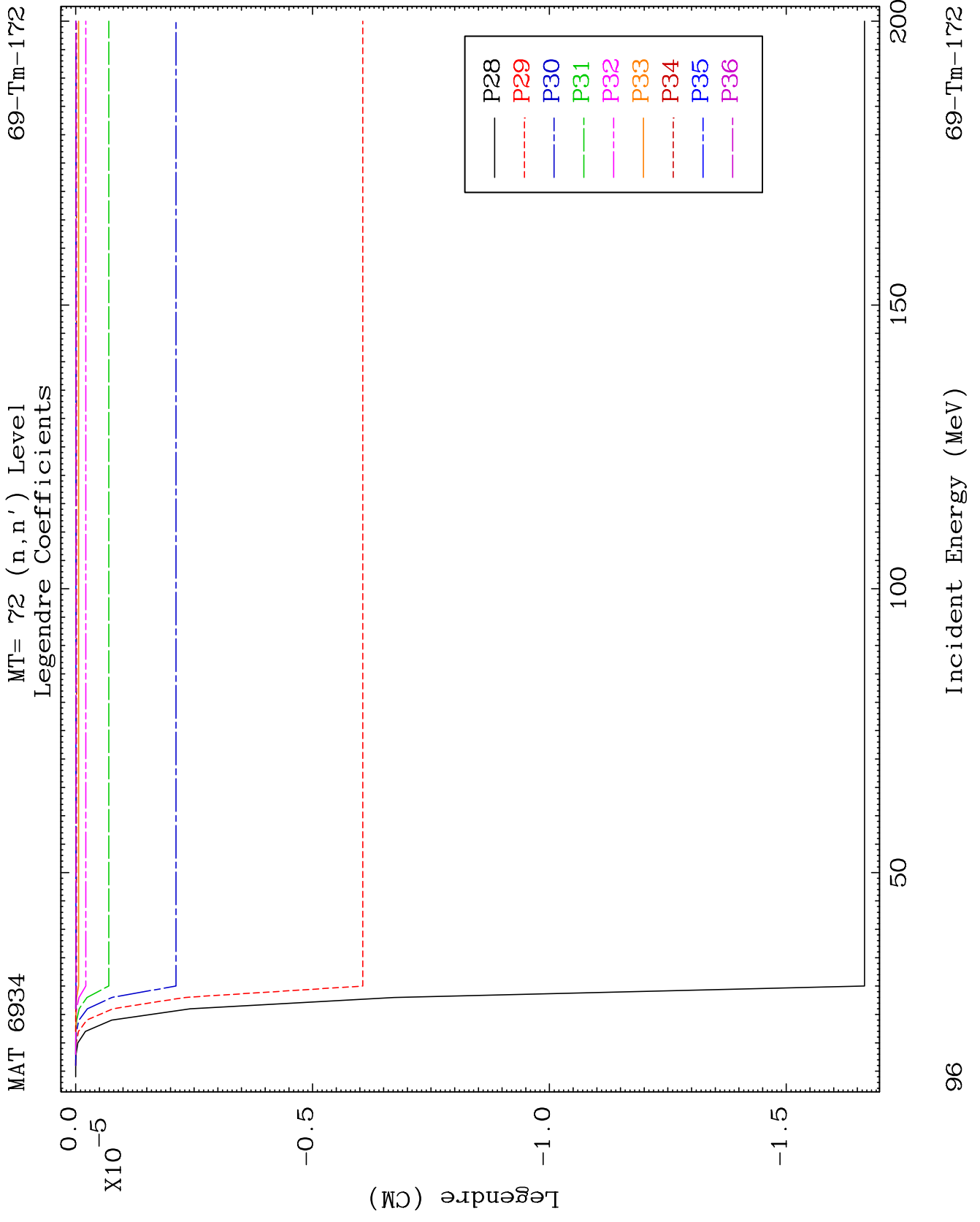


95

Incident Energy (MeV)

69-Tm-172

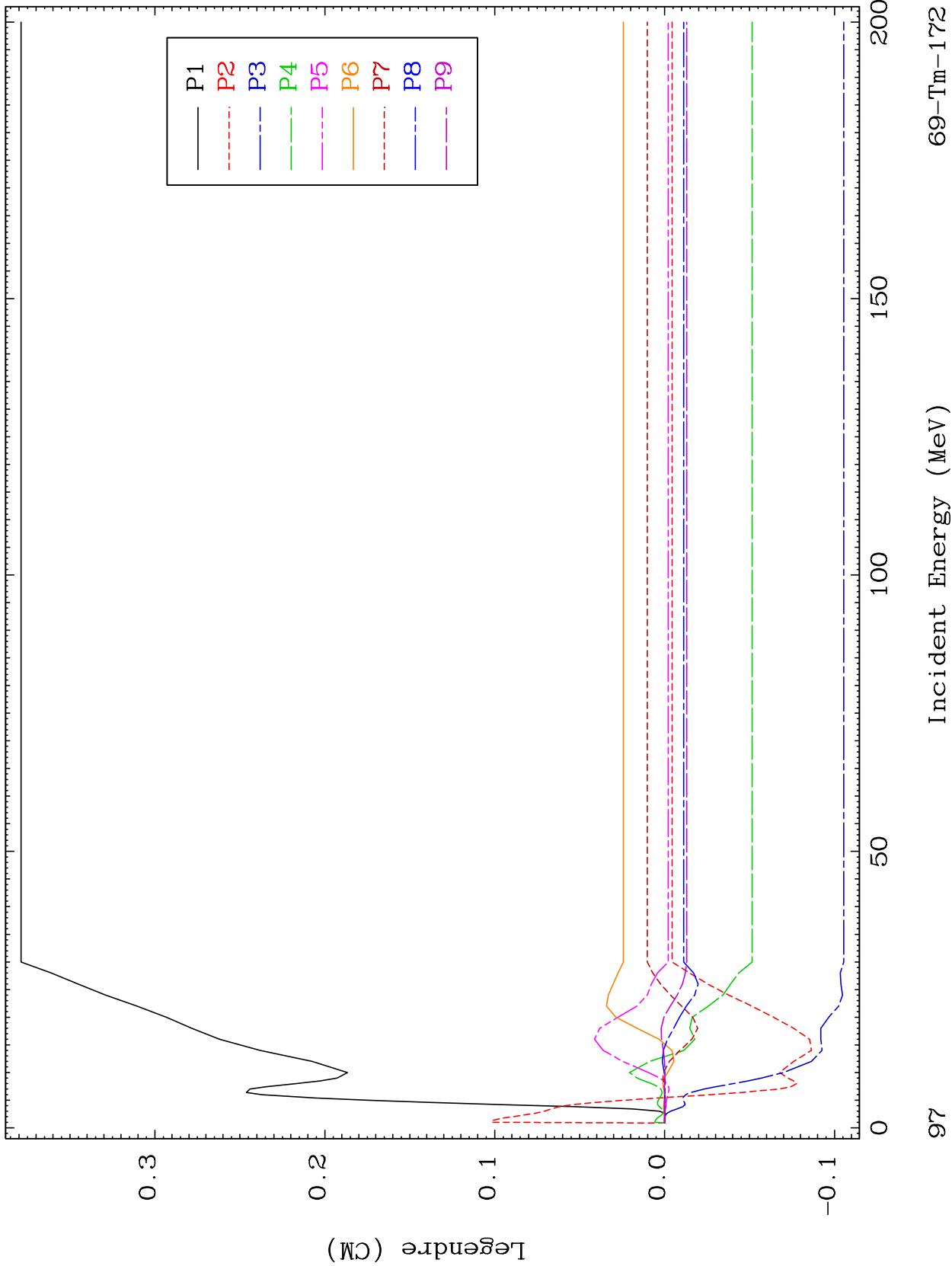




MAT 6934

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

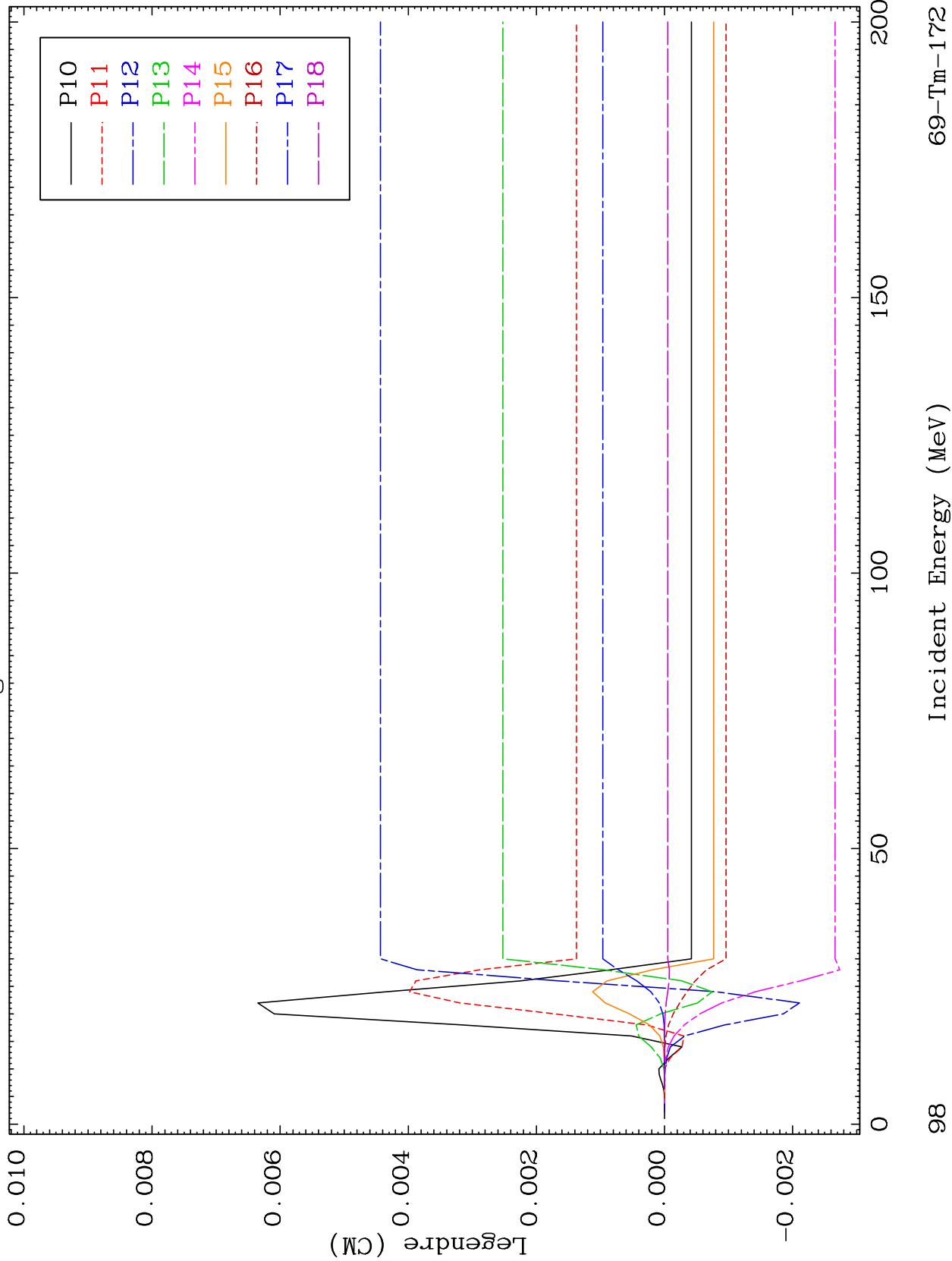
69-Tm-172



MAT 6934

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

69-Tm-172



69-Tm-172

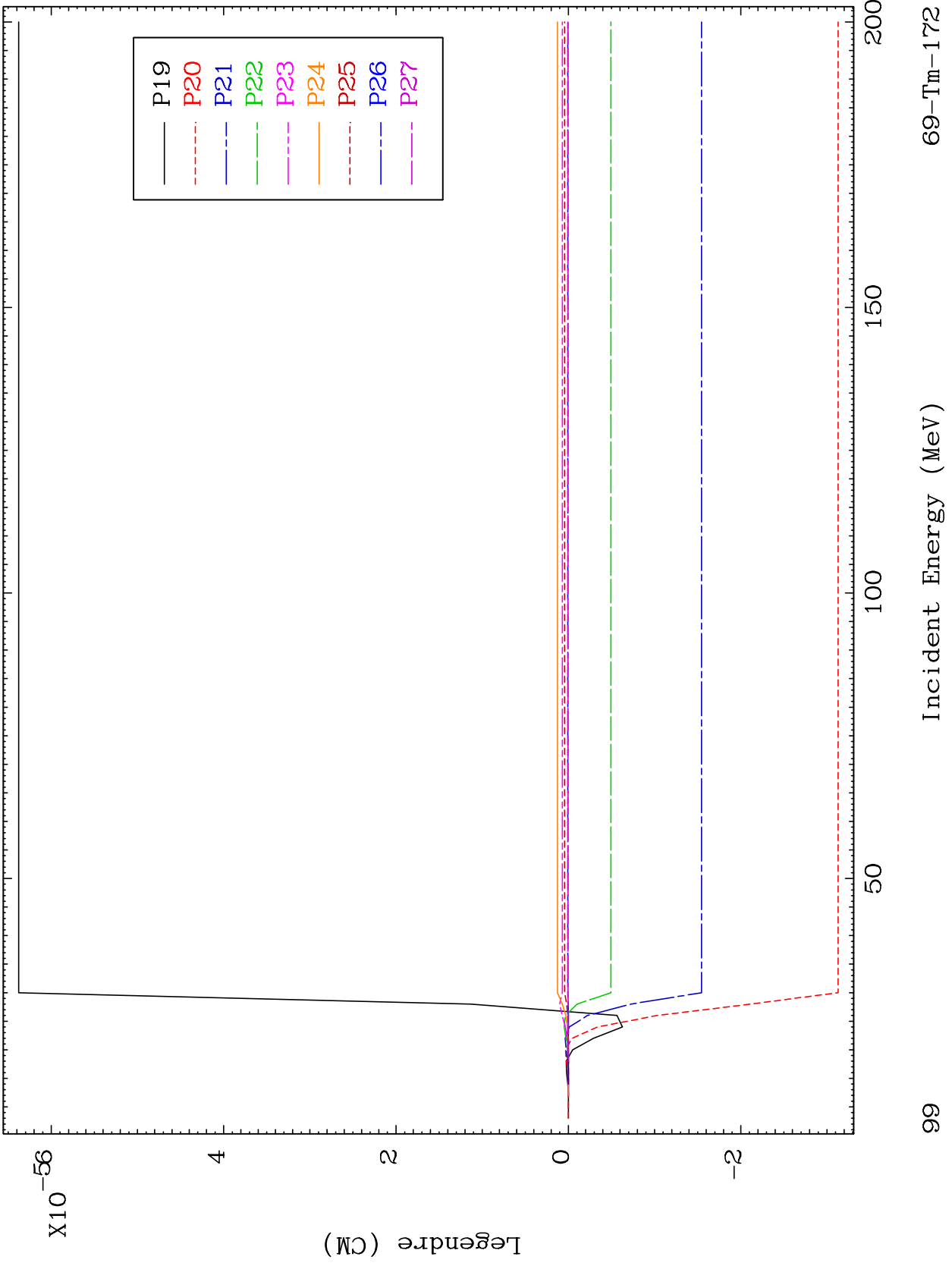
Incident Energy (MeV)

98

MAT 6934

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

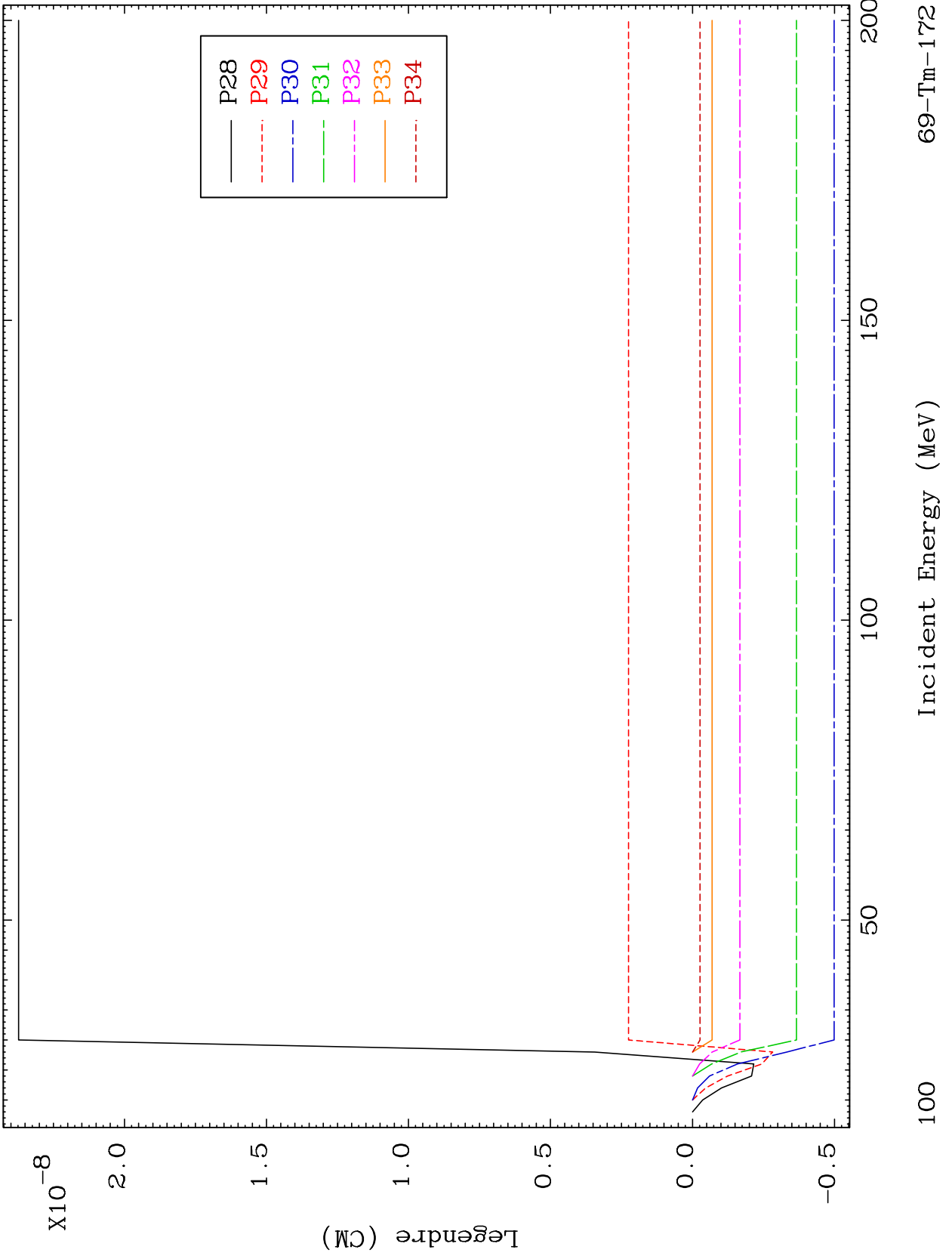
69-Tm-172



MAT 6934

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

69-Tm-172

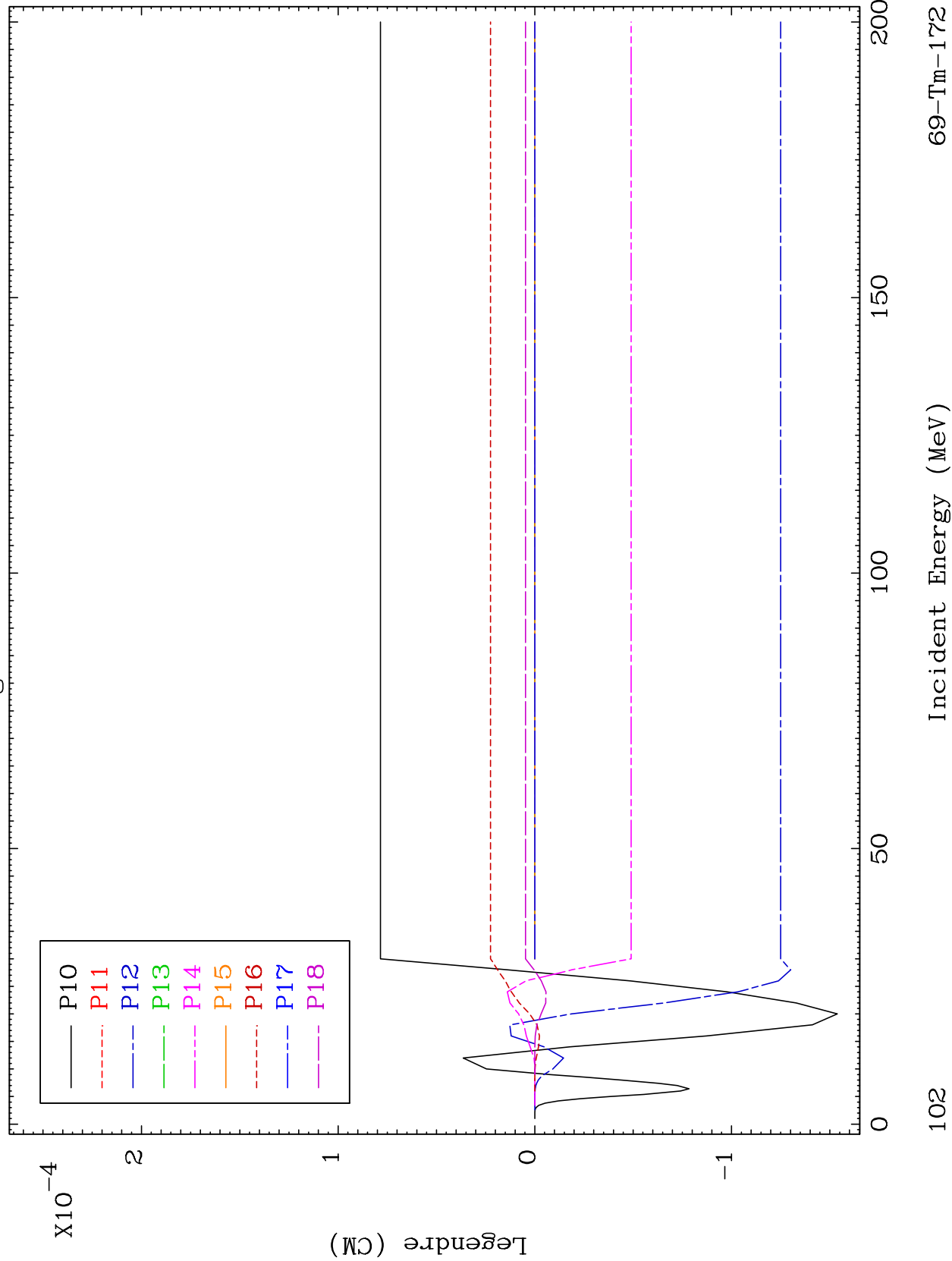




MAT 6934

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

69-Tm-172



102

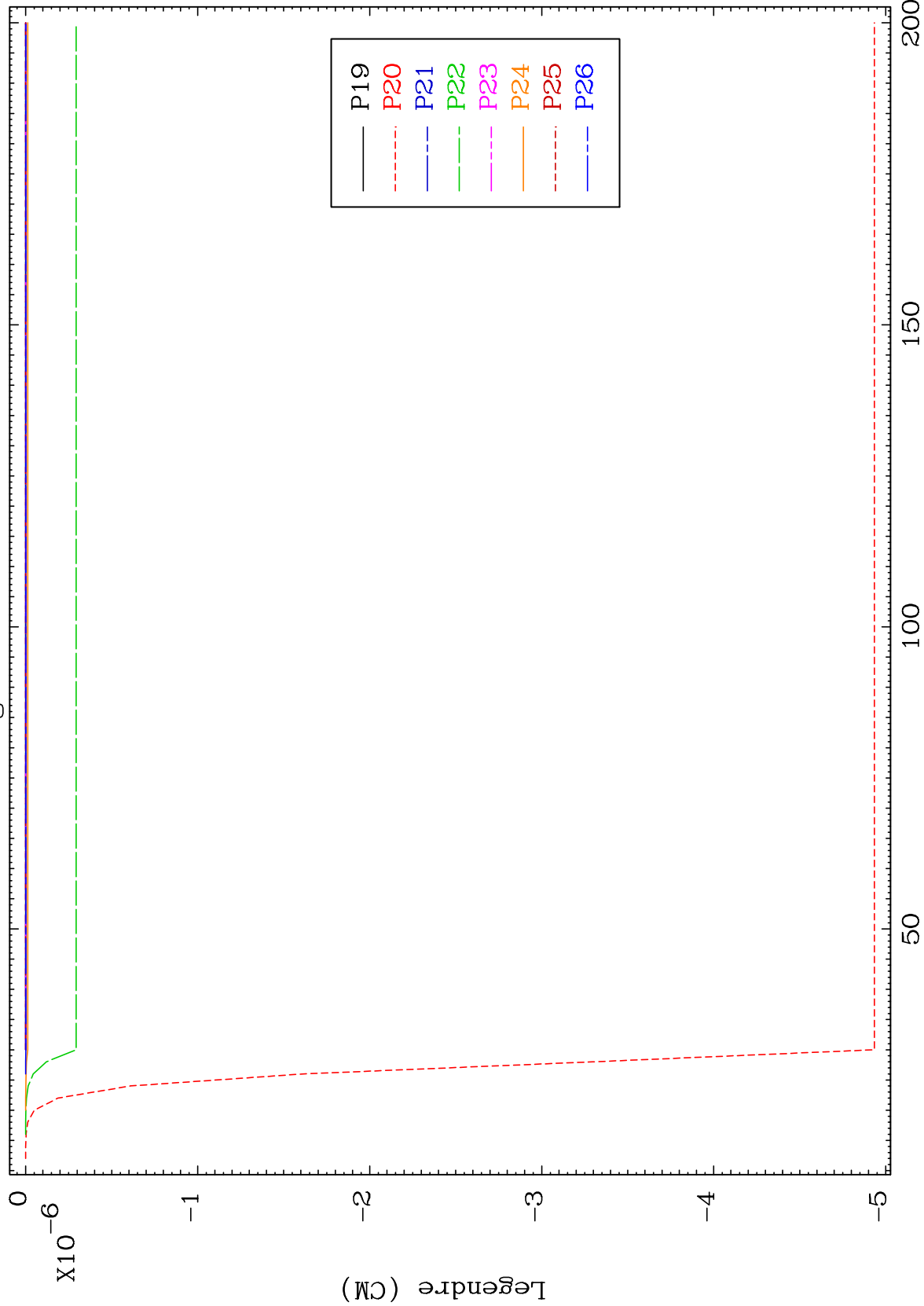
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



103

Incident Energy (MeV)

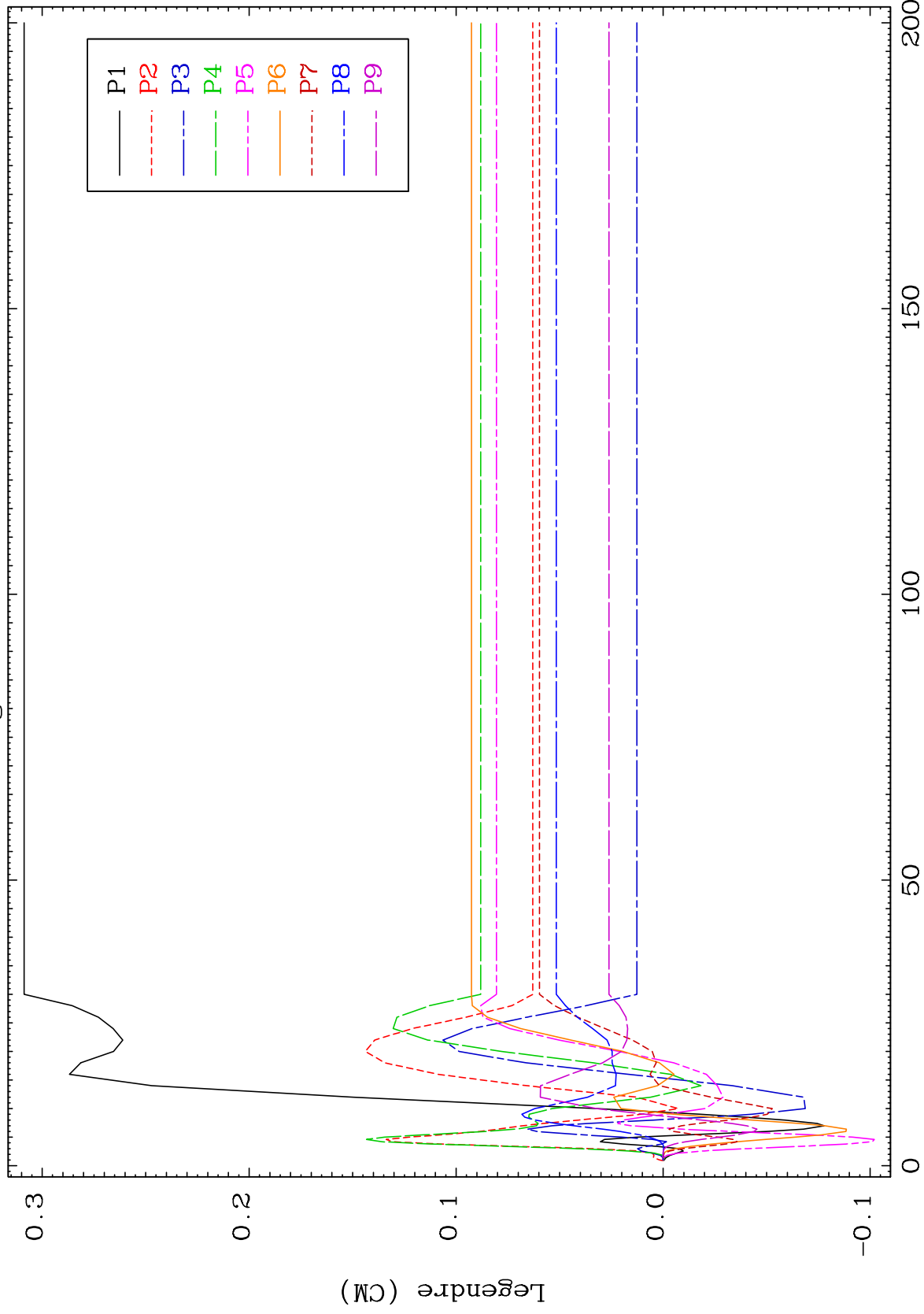
69-Tm-172



MAT 6934

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

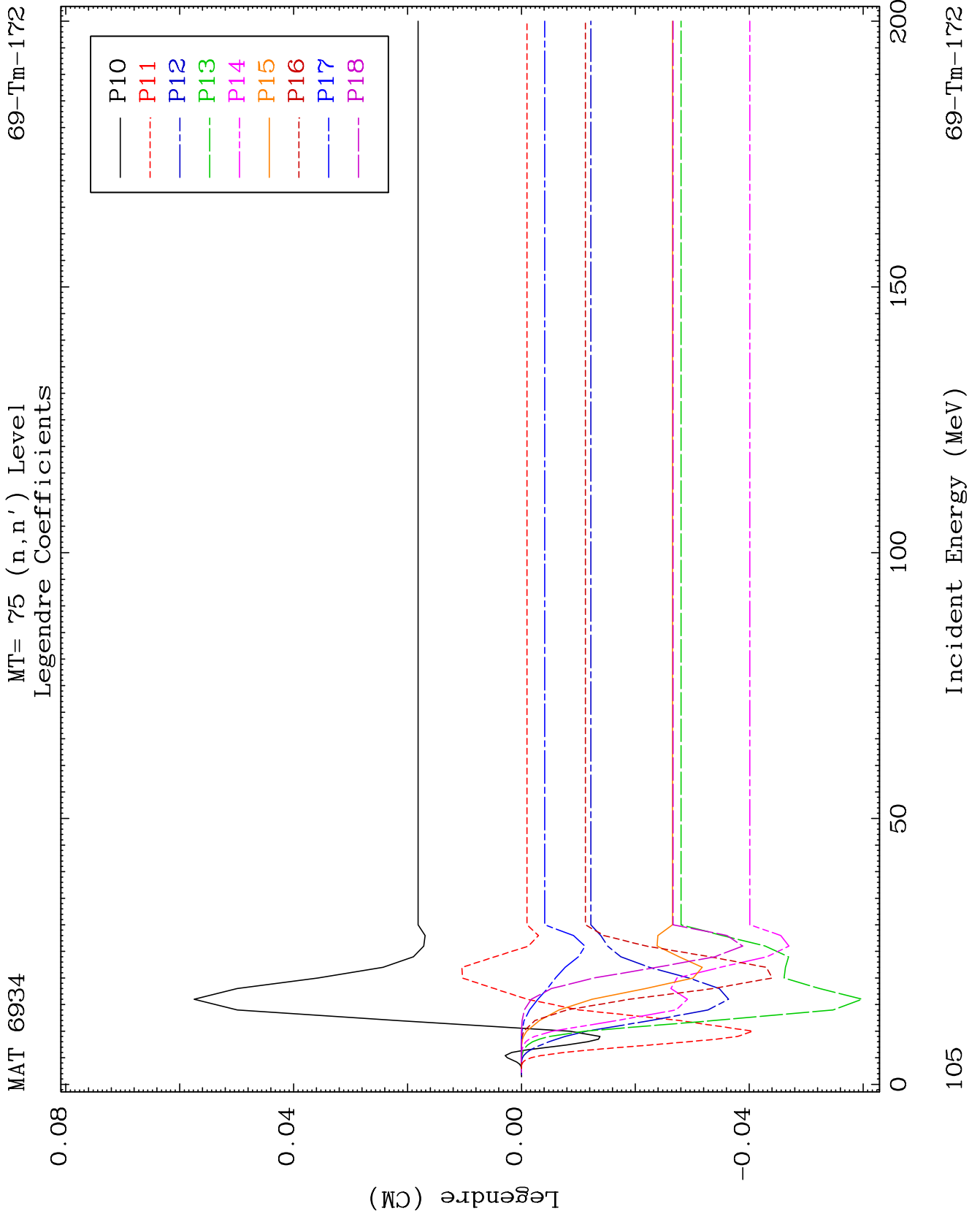
69-Tm-172



104

Incident Energy (MeV)

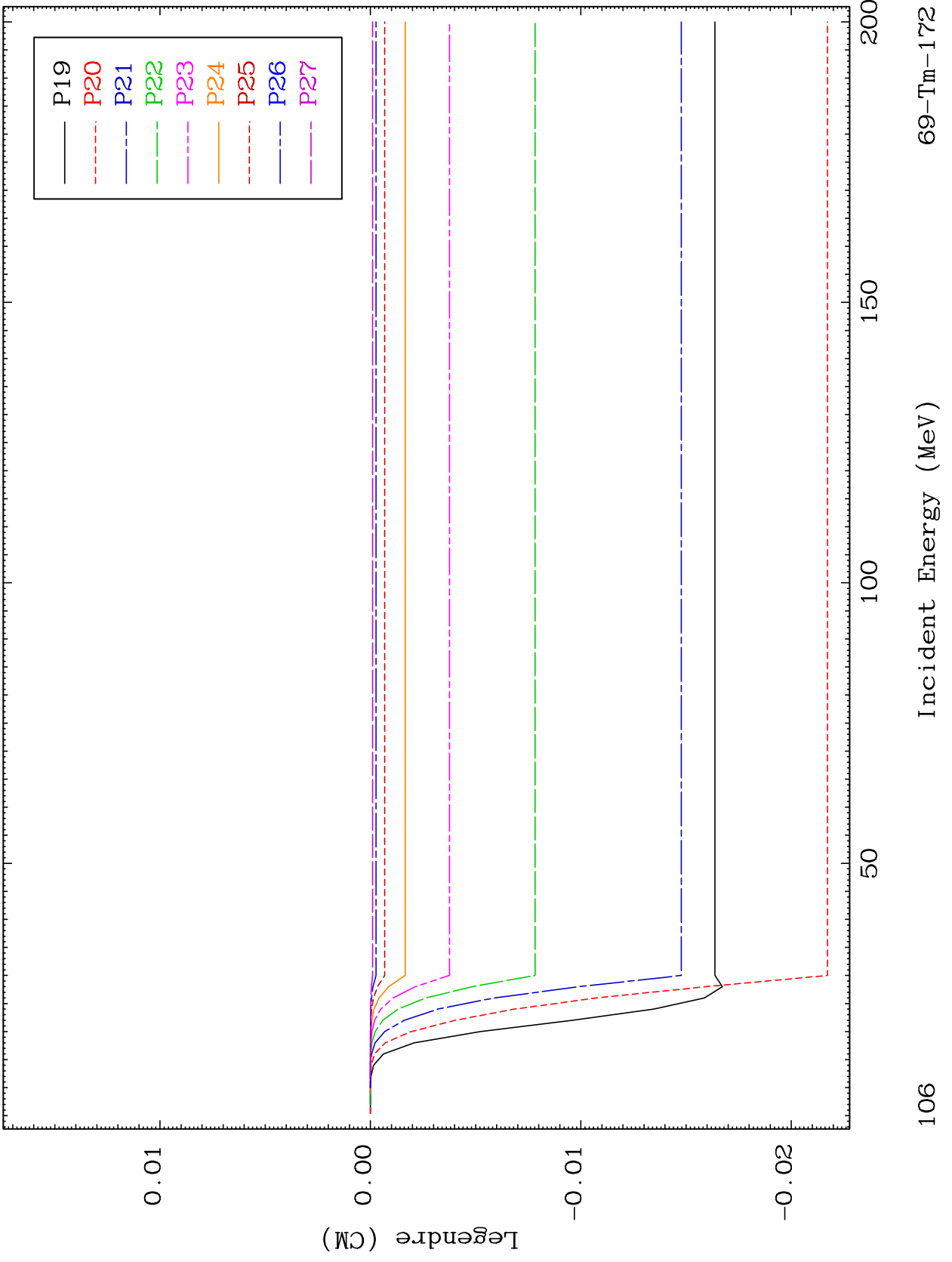
69-Tm-172



MAT 6934

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

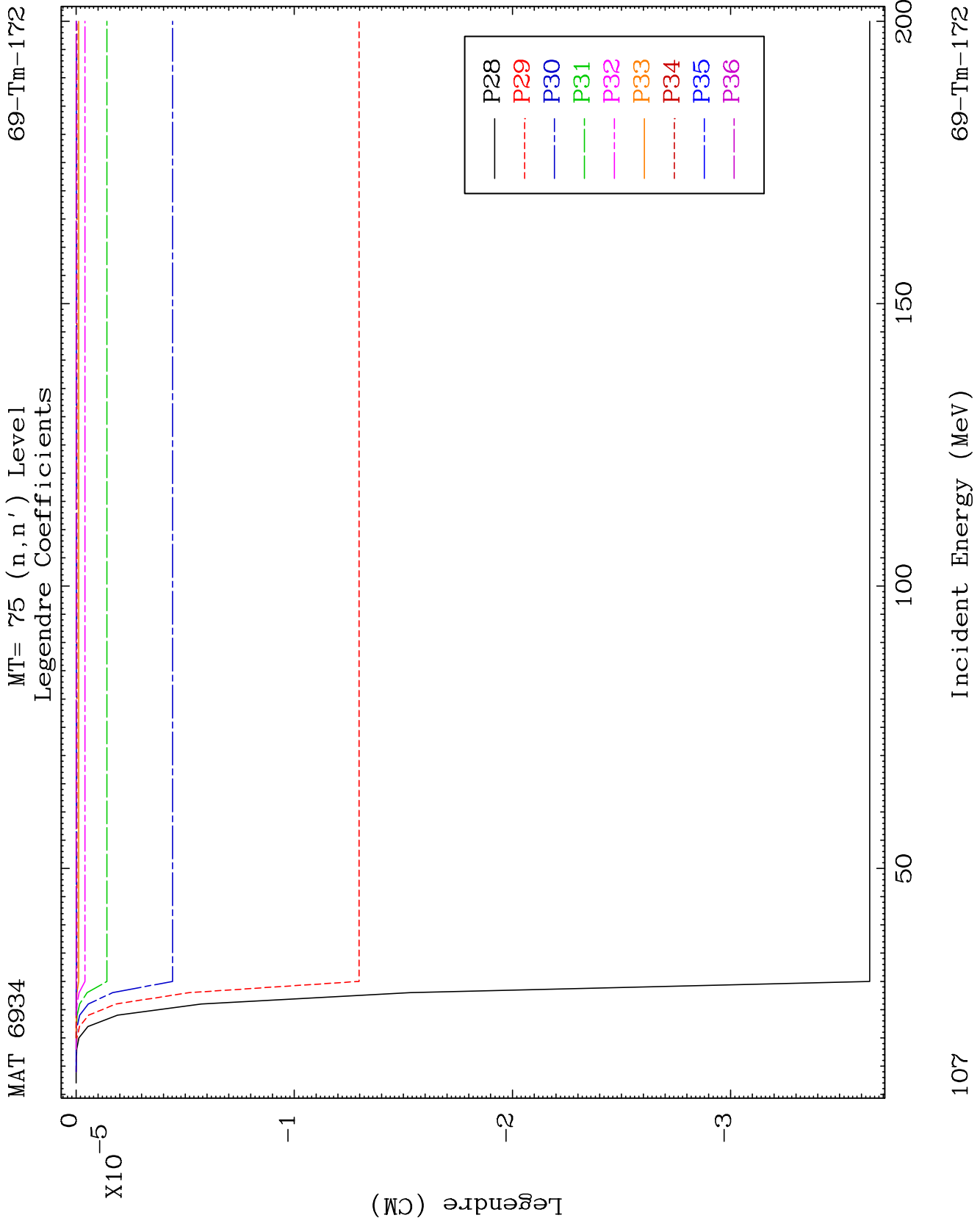
69-Tm-172



106

Incident Energy (MeV)

69-Tm-172

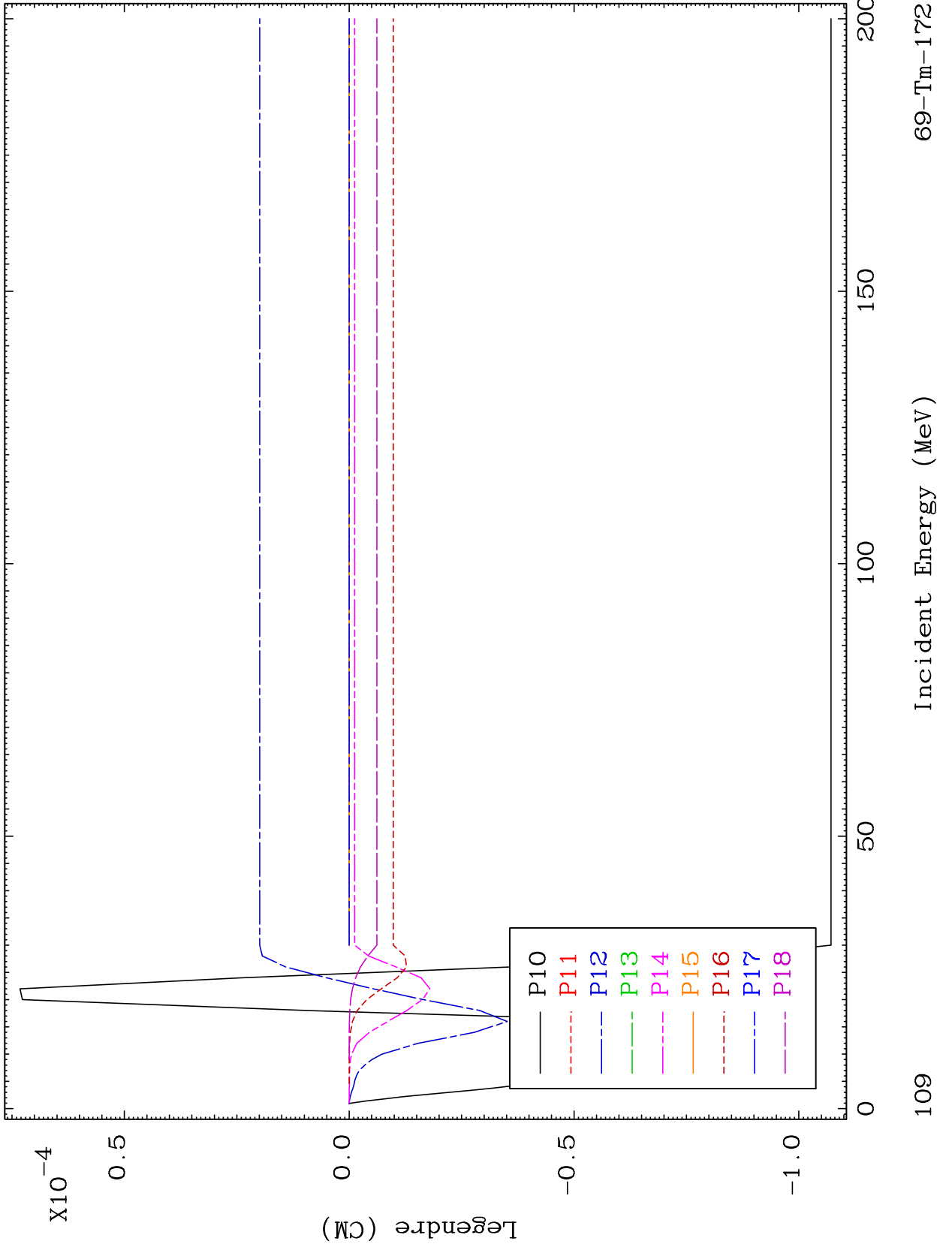




MAT 6934

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

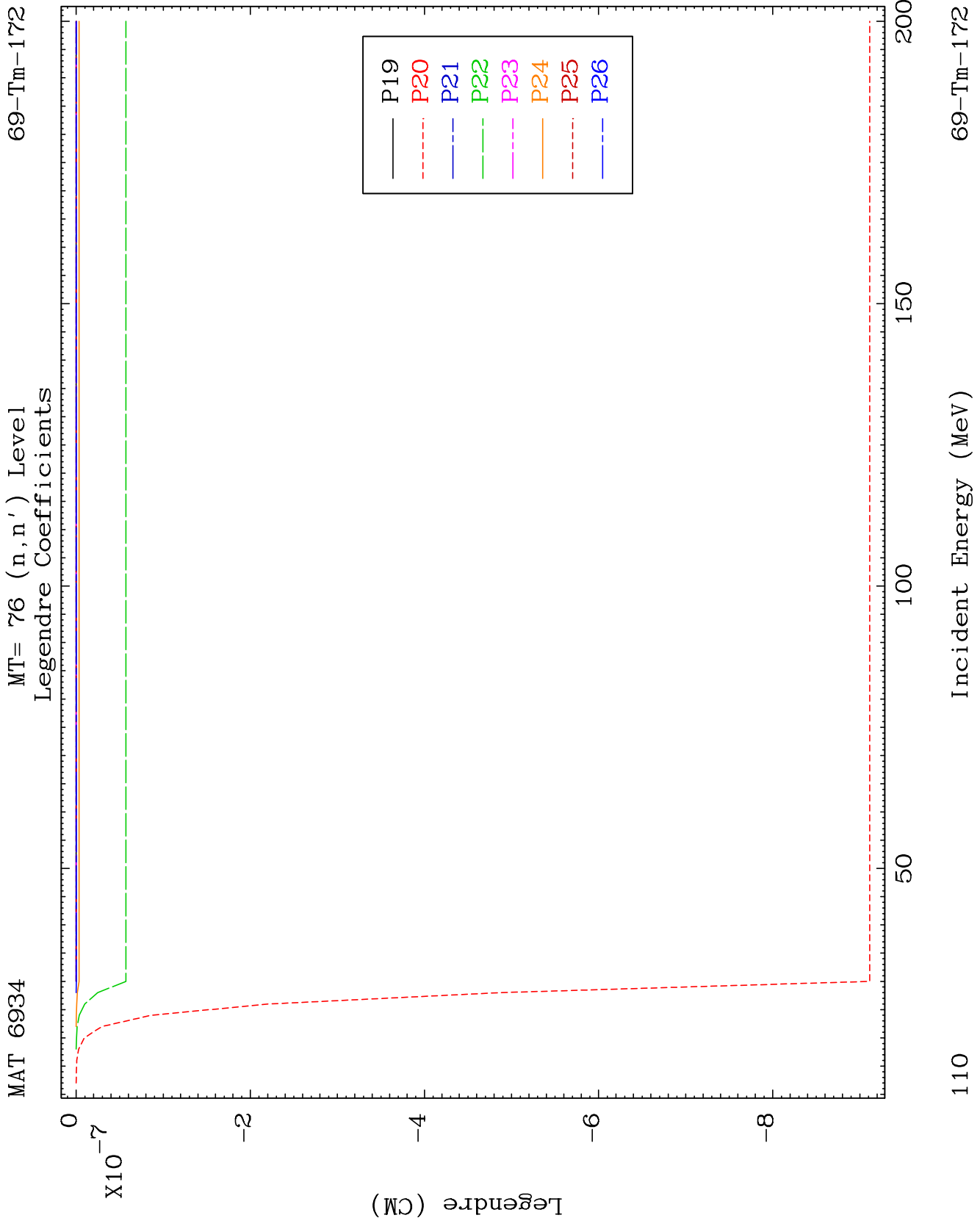
69-Tm-172

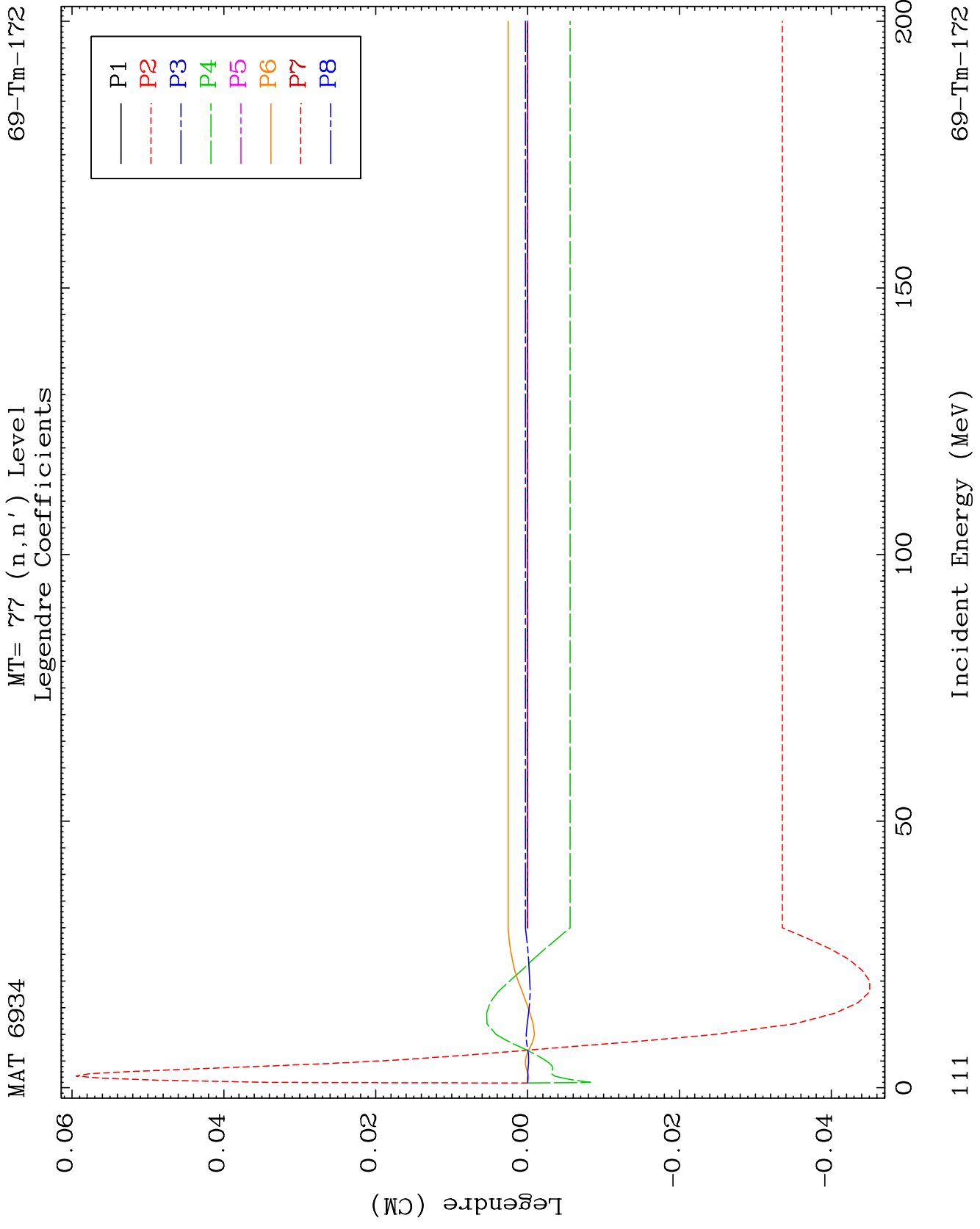


109

Incident Energy (MeV)

69-Tm-172



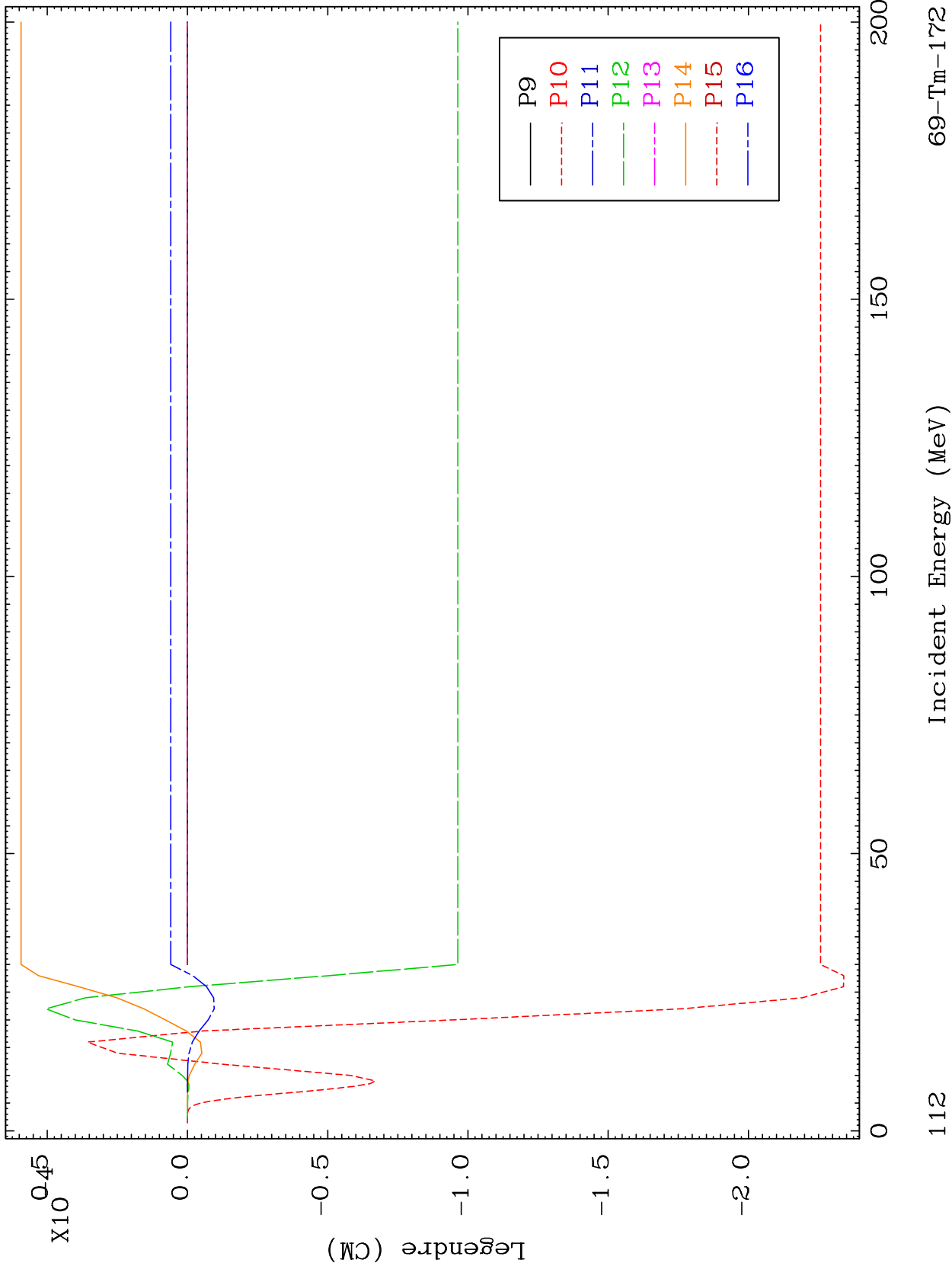




MAT 6934

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

69-Tm-172



112

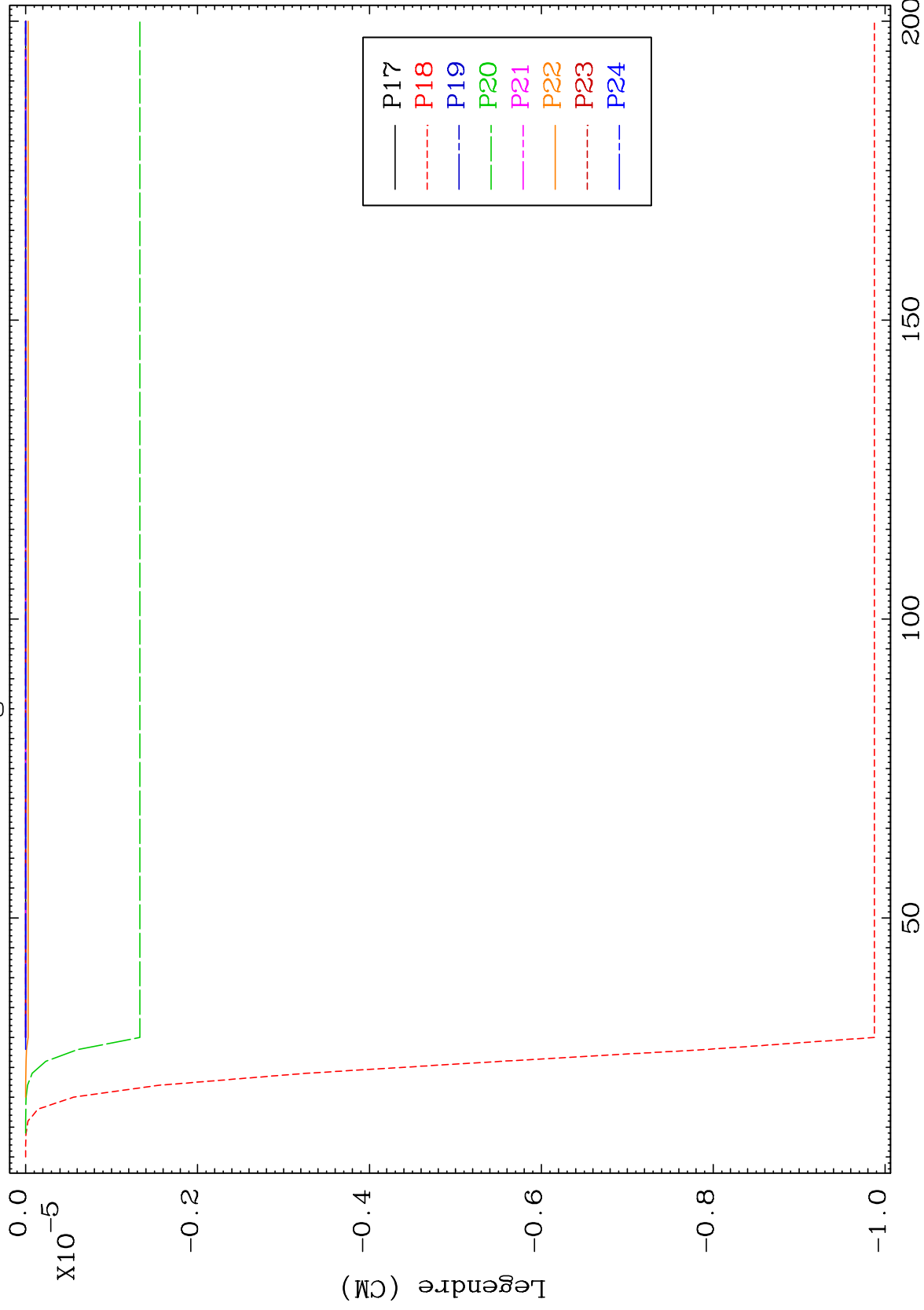
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



113

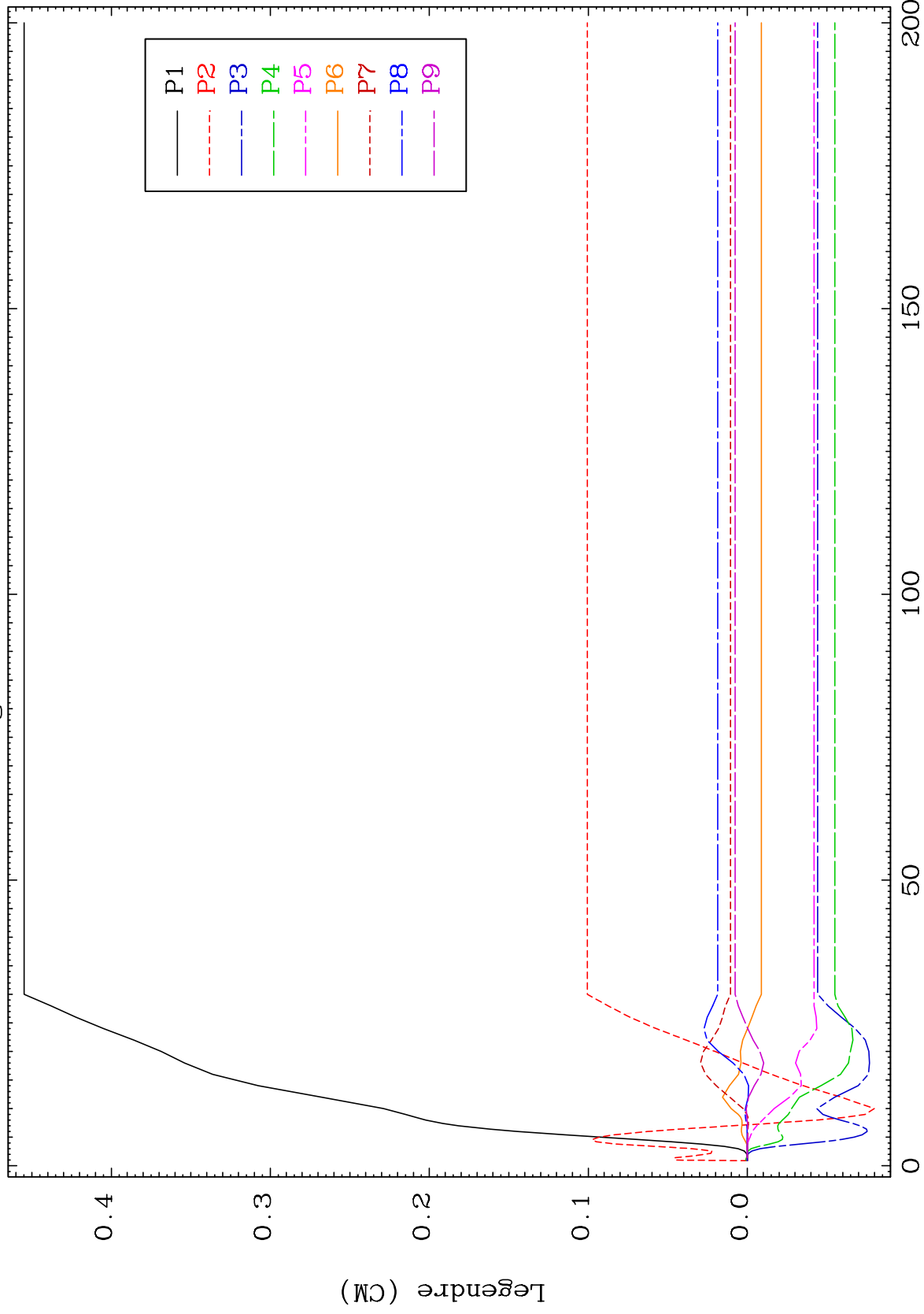
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



114

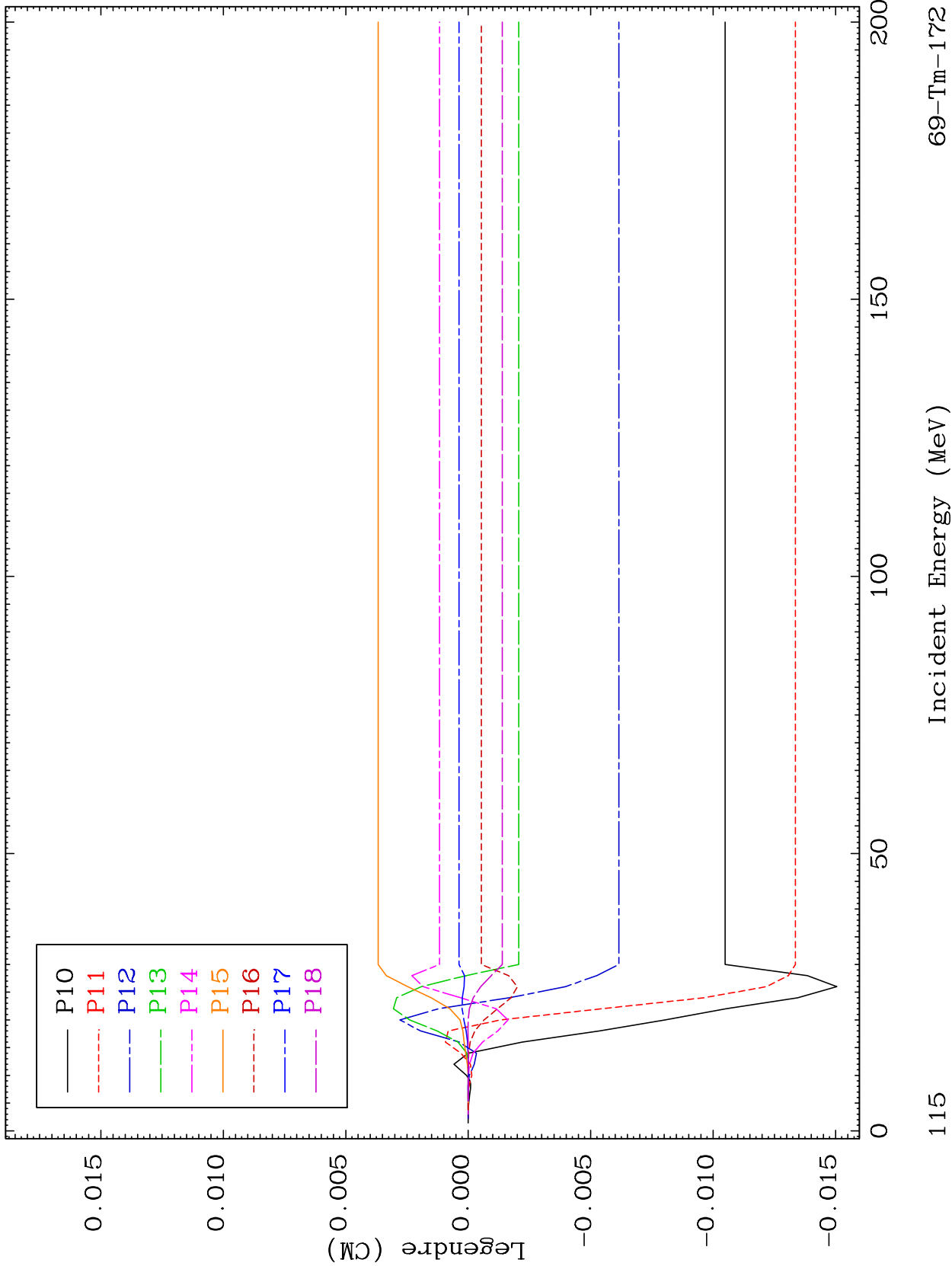
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



115

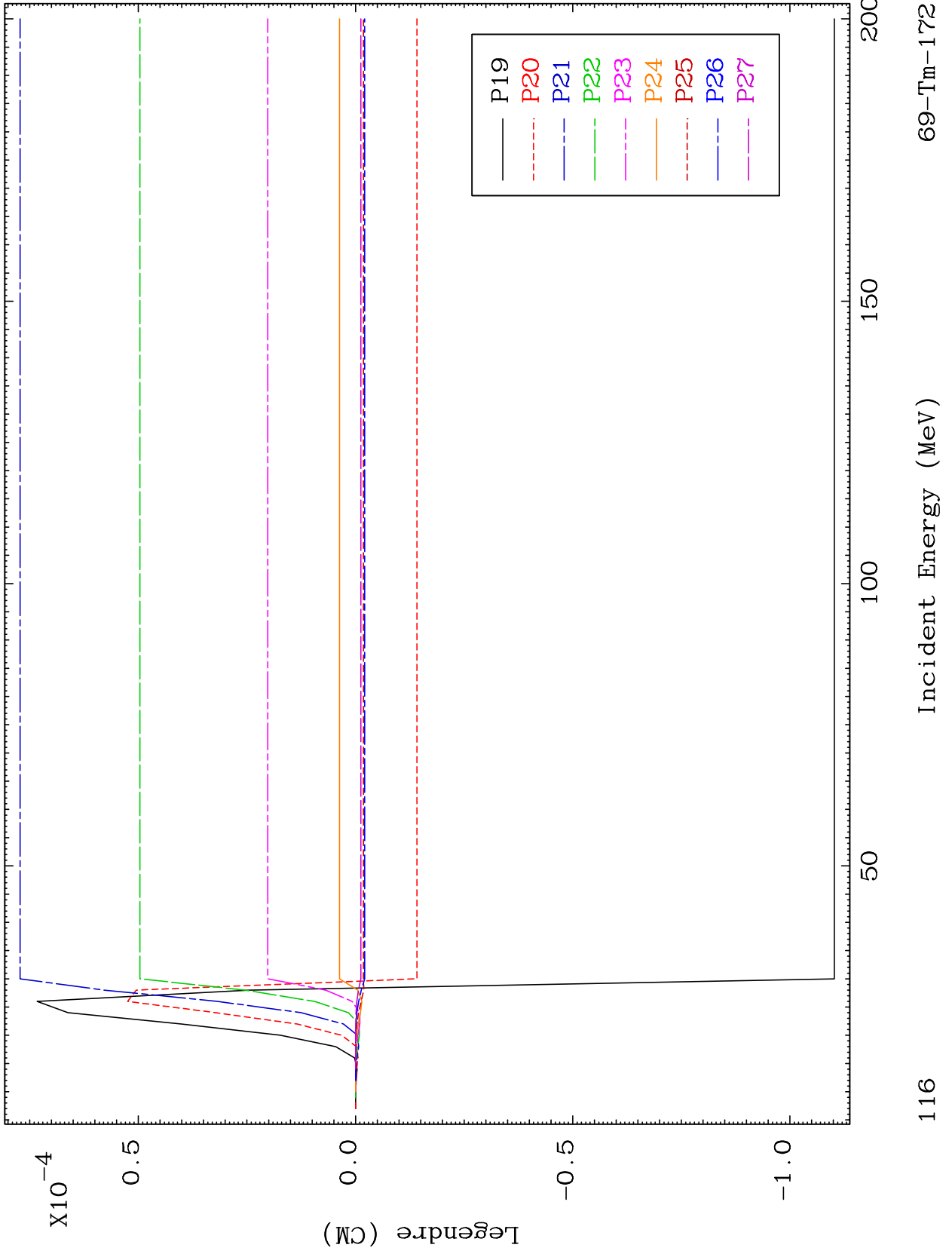
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

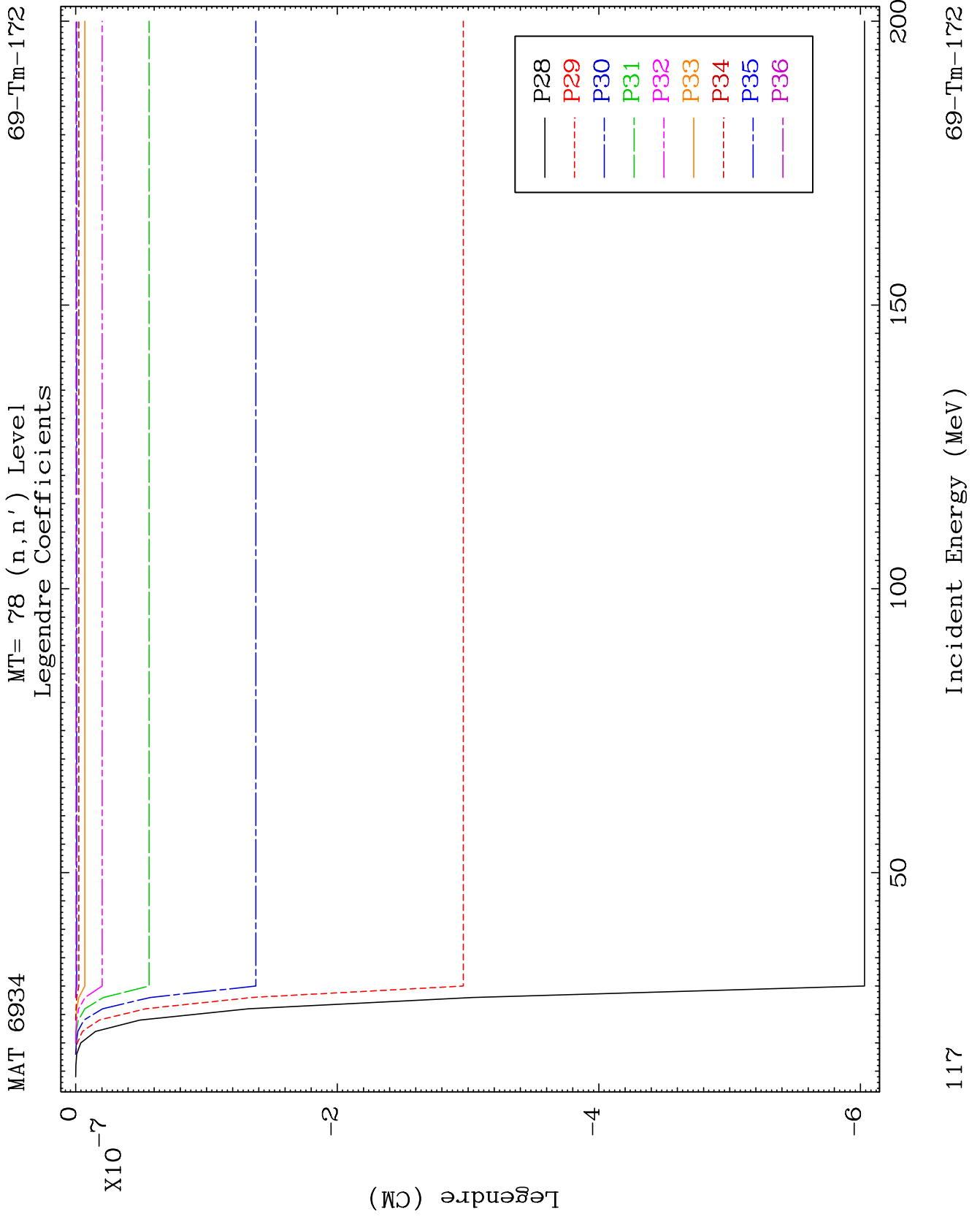
69-Tm-172



116

Incident Energy (MeV)

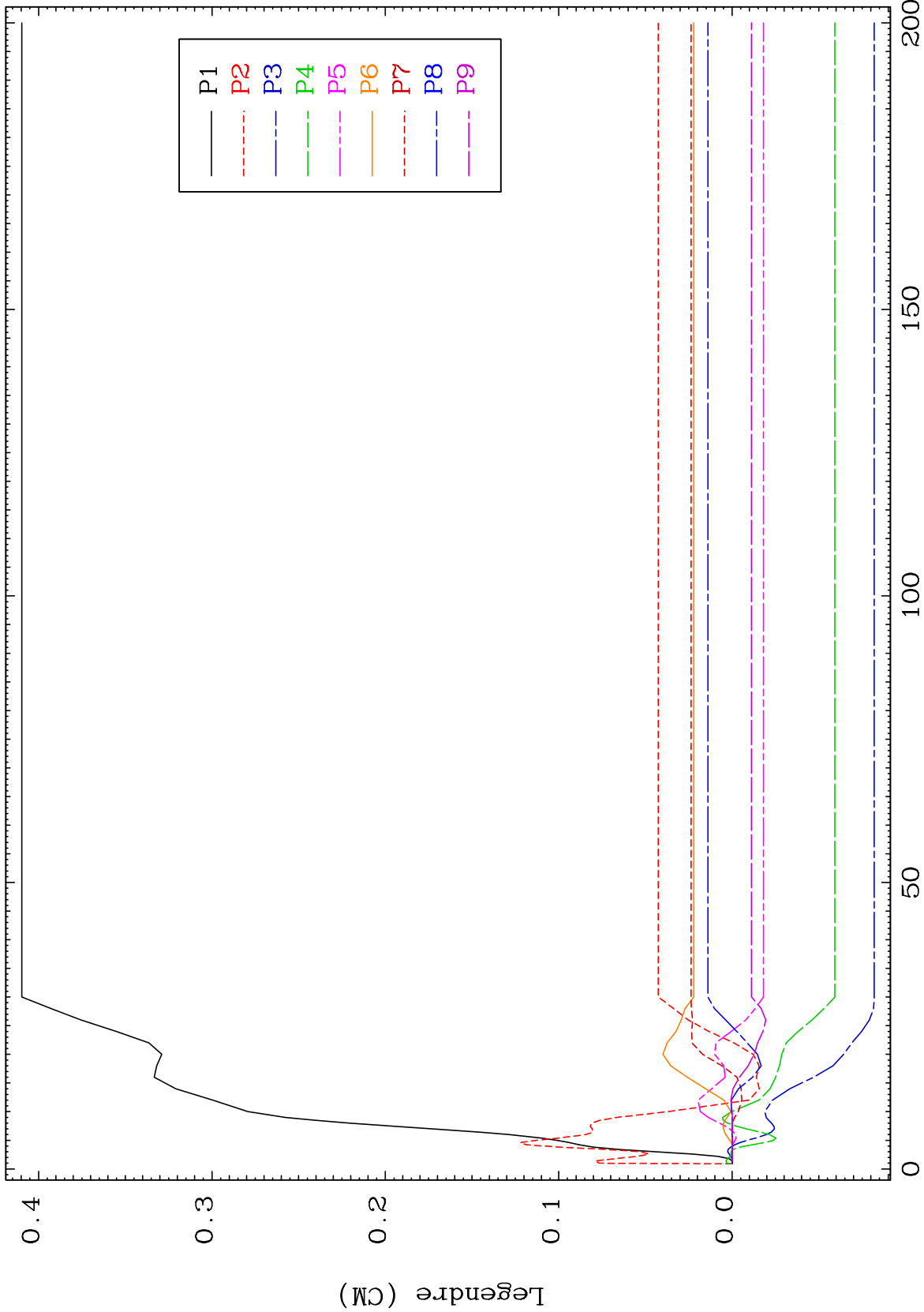
69-Tm-172



MAT 6934

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

69-Tm-172



69-Tm-172

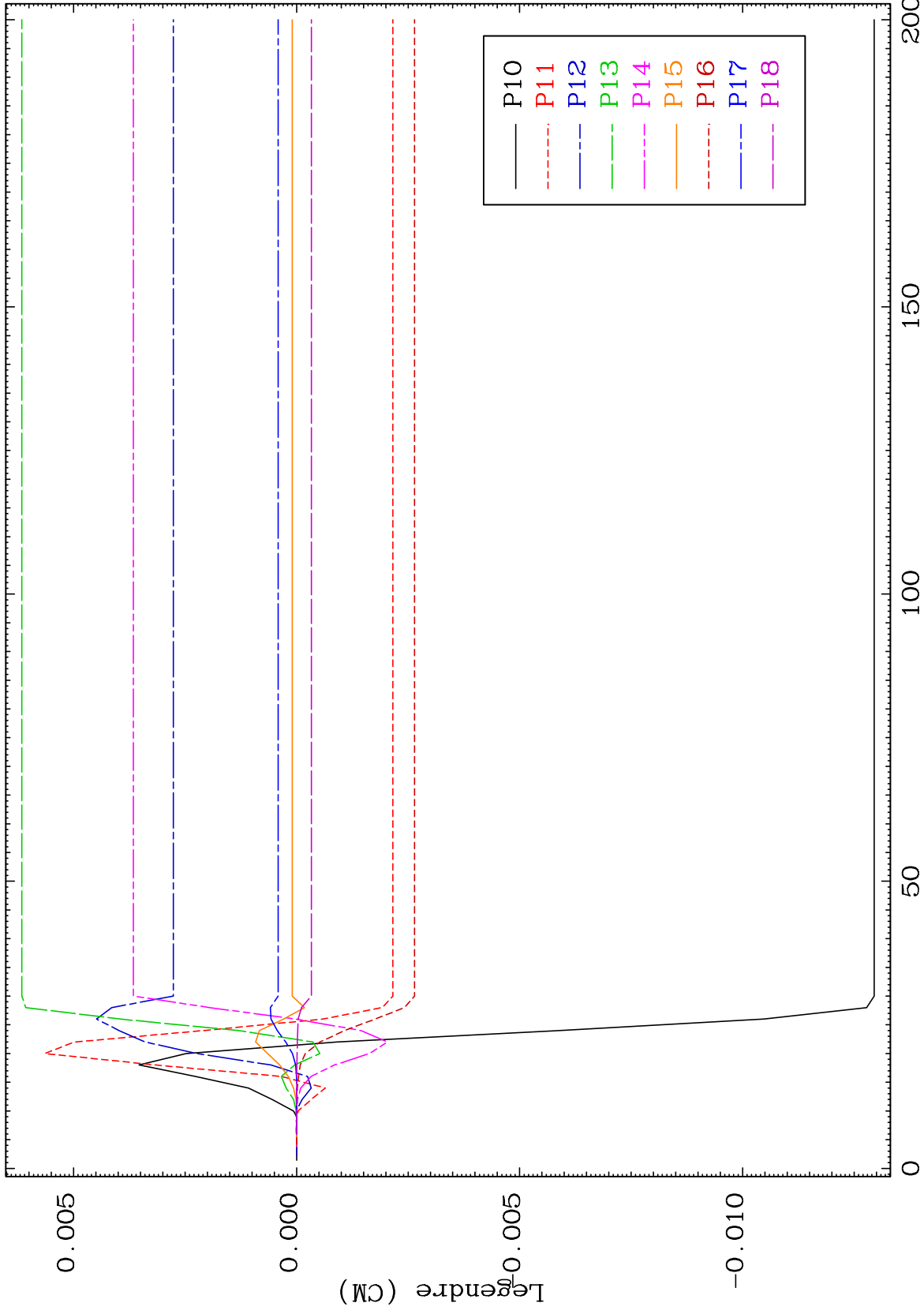
Incident Energy (MeV)

118

MAT 6934

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

69-Tm-172



119

Incident Energy (MeV)

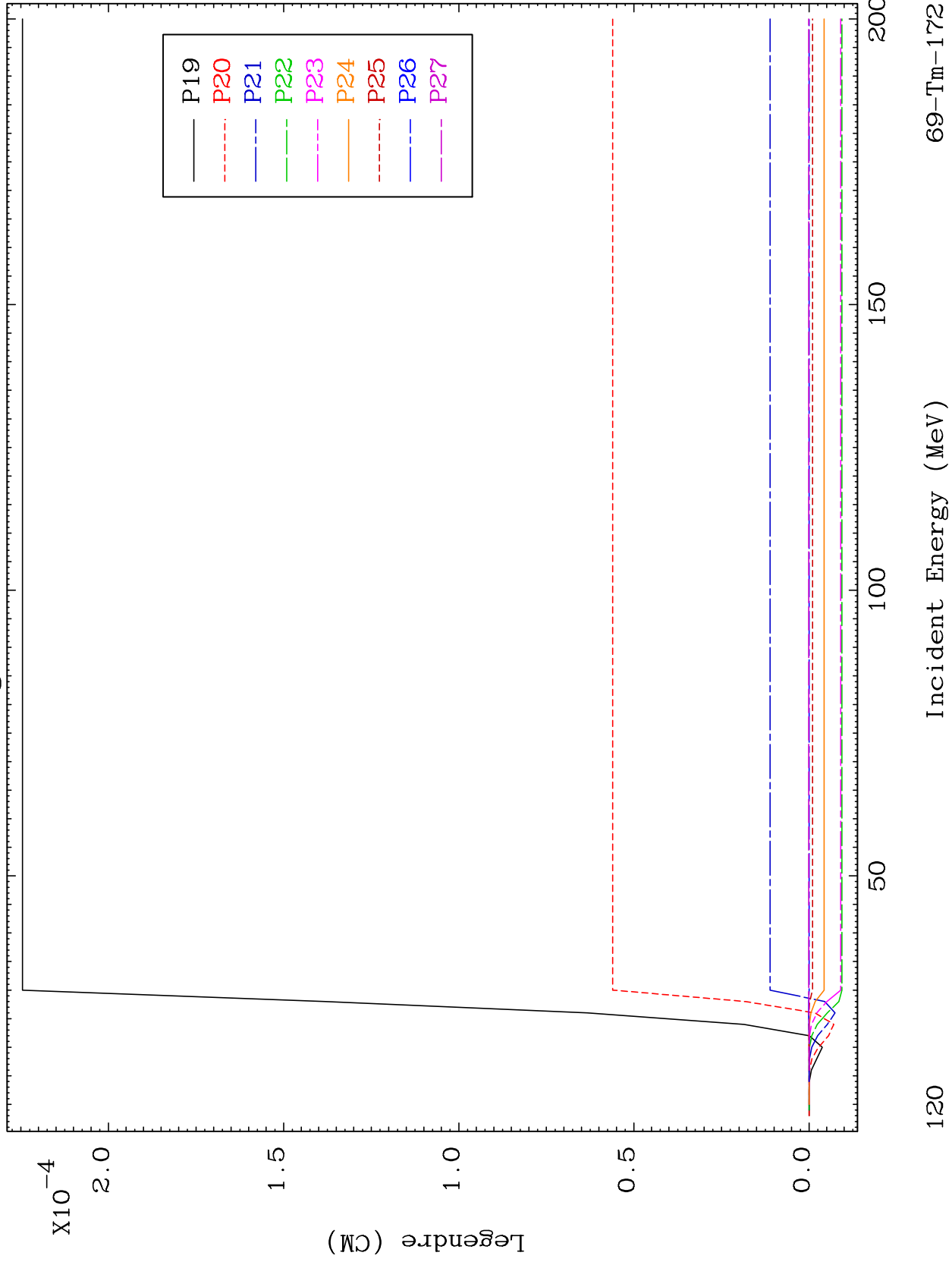
69-Tm-172



MAT 6934

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

69-Tm-172



69-Tm-172

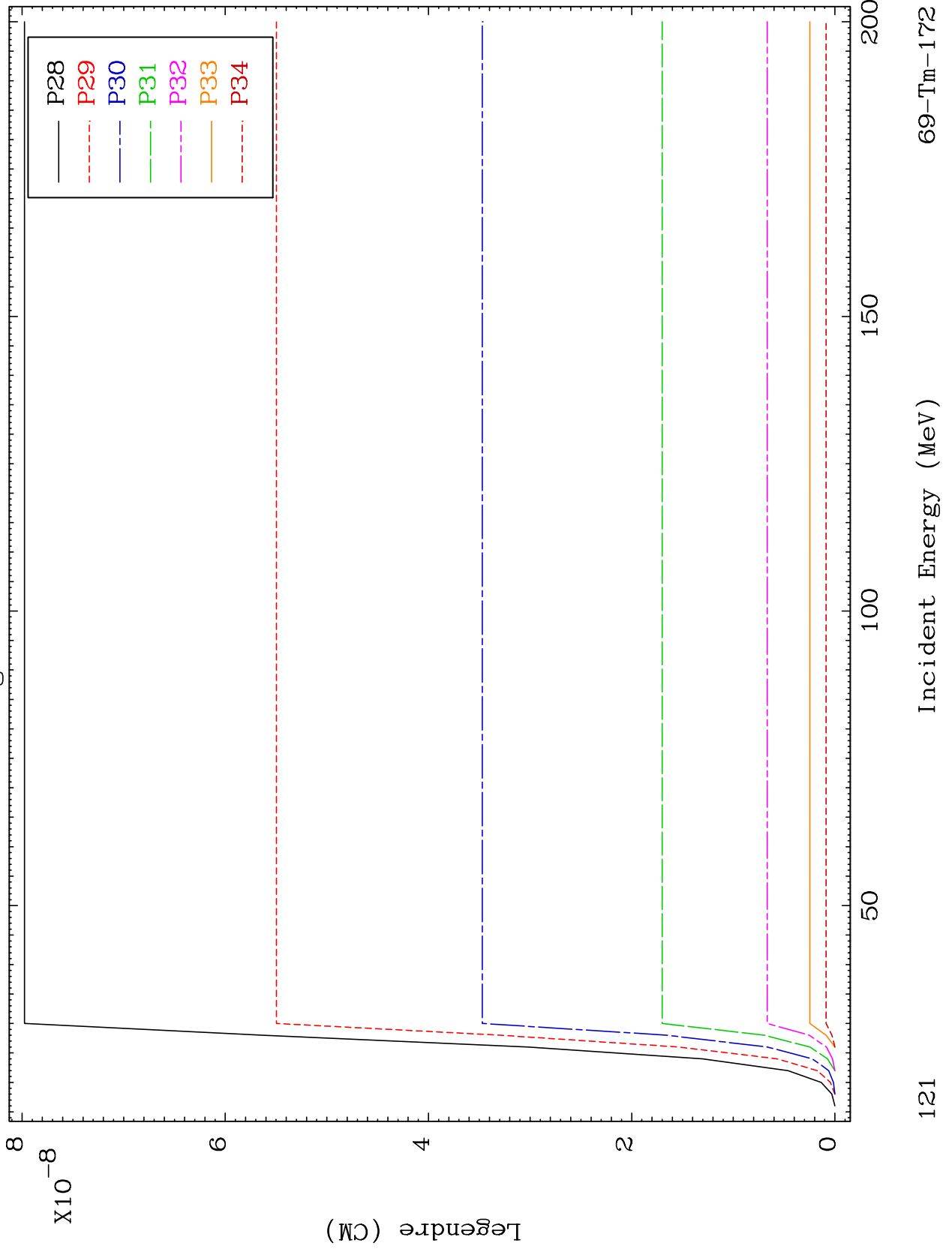
Incident Energy (MeV)

120

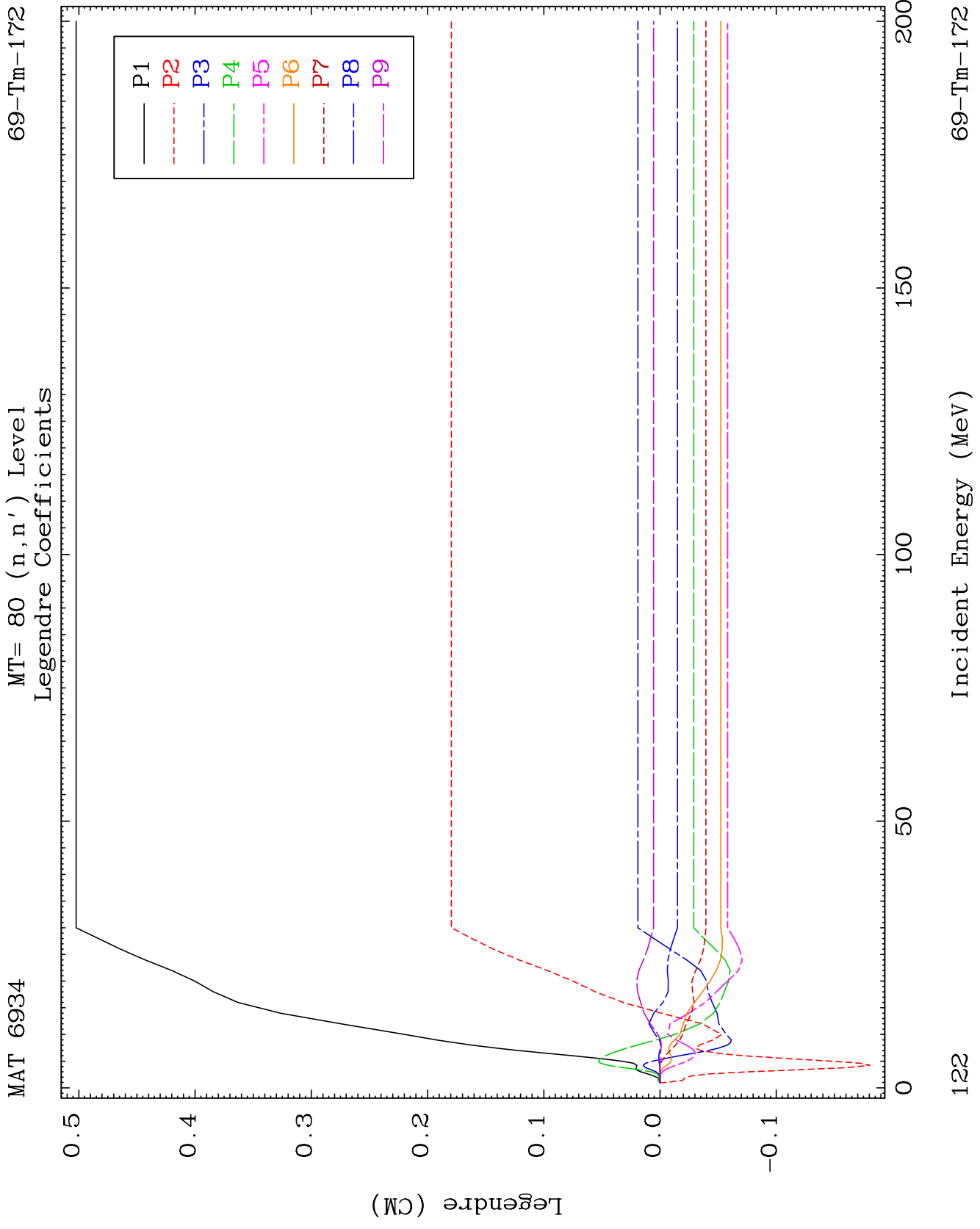
MAT 6934

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

69-Tm-172



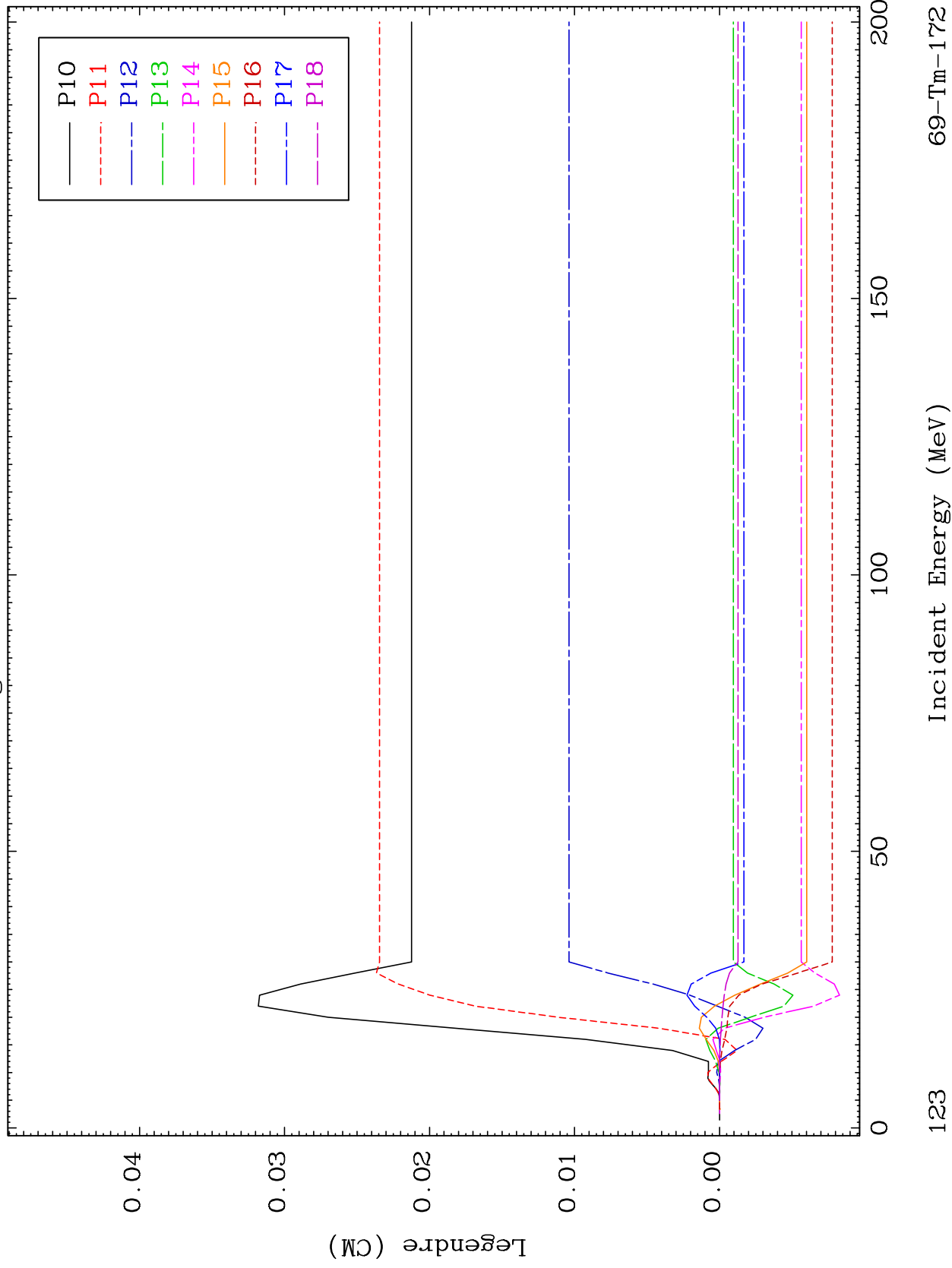
121



MAT 6934

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

69-Tm-172

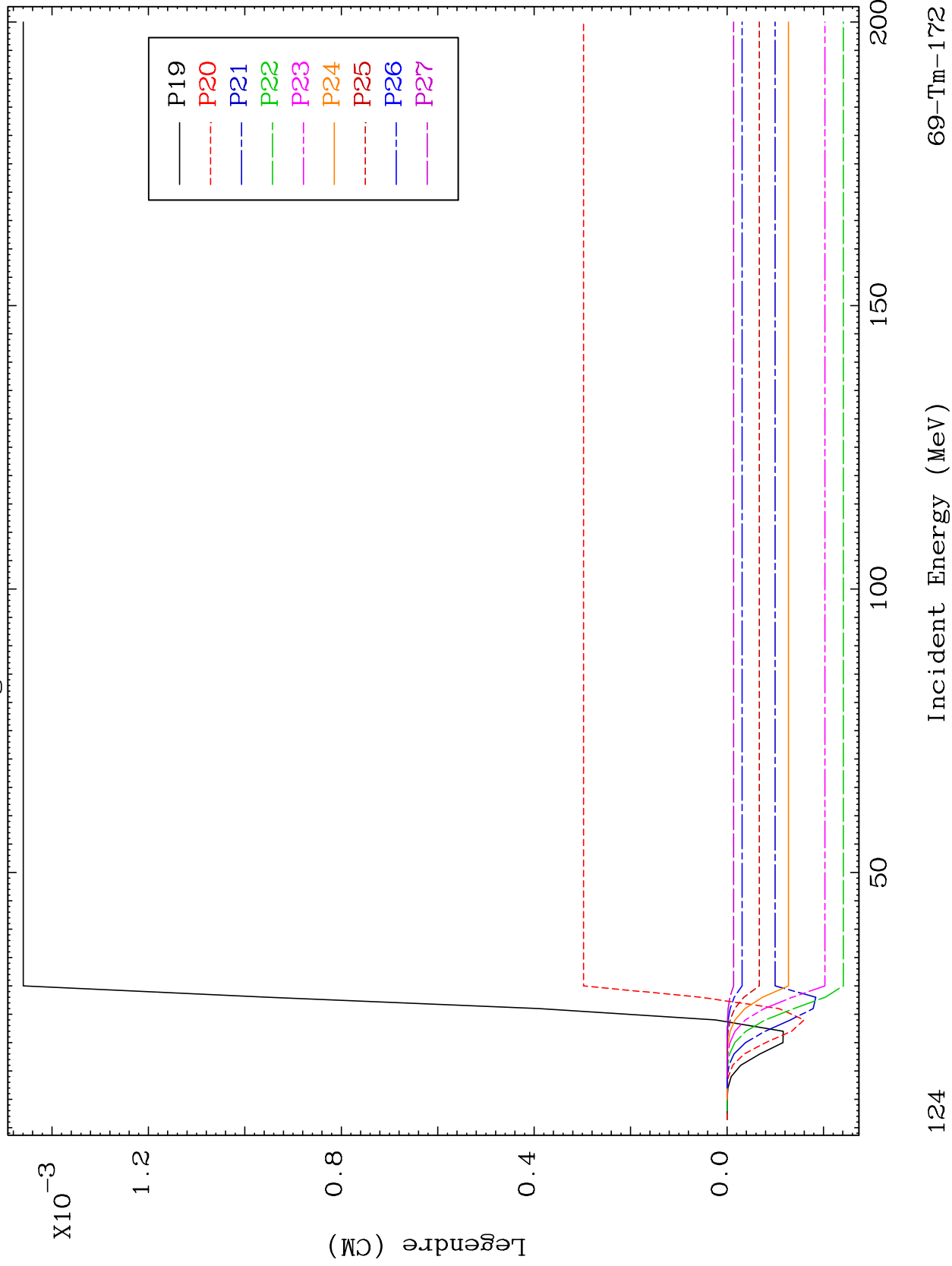


123

MAT 6934

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

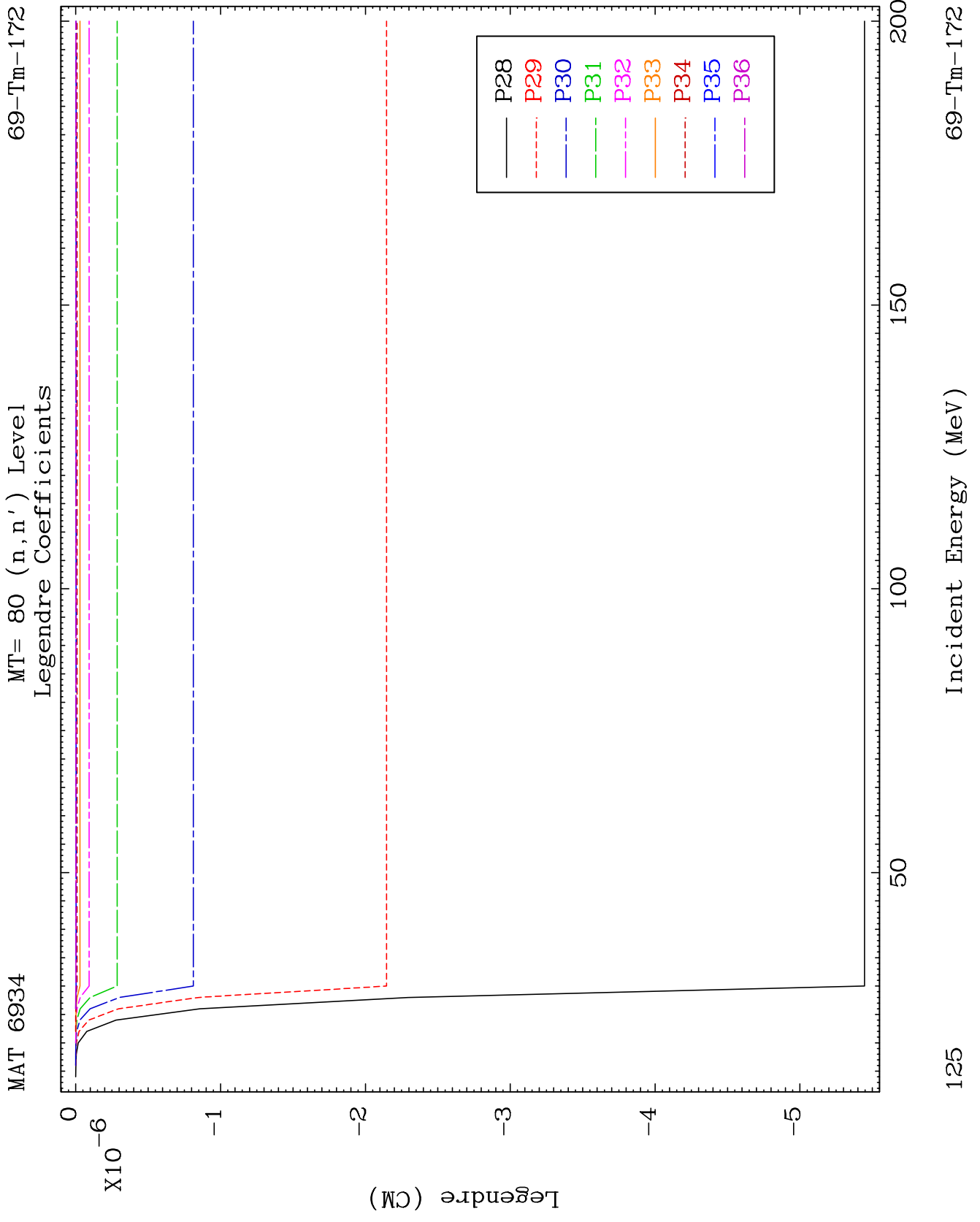
69-Tm-172



124

Incident Energy (MeV)

69-Tm-172

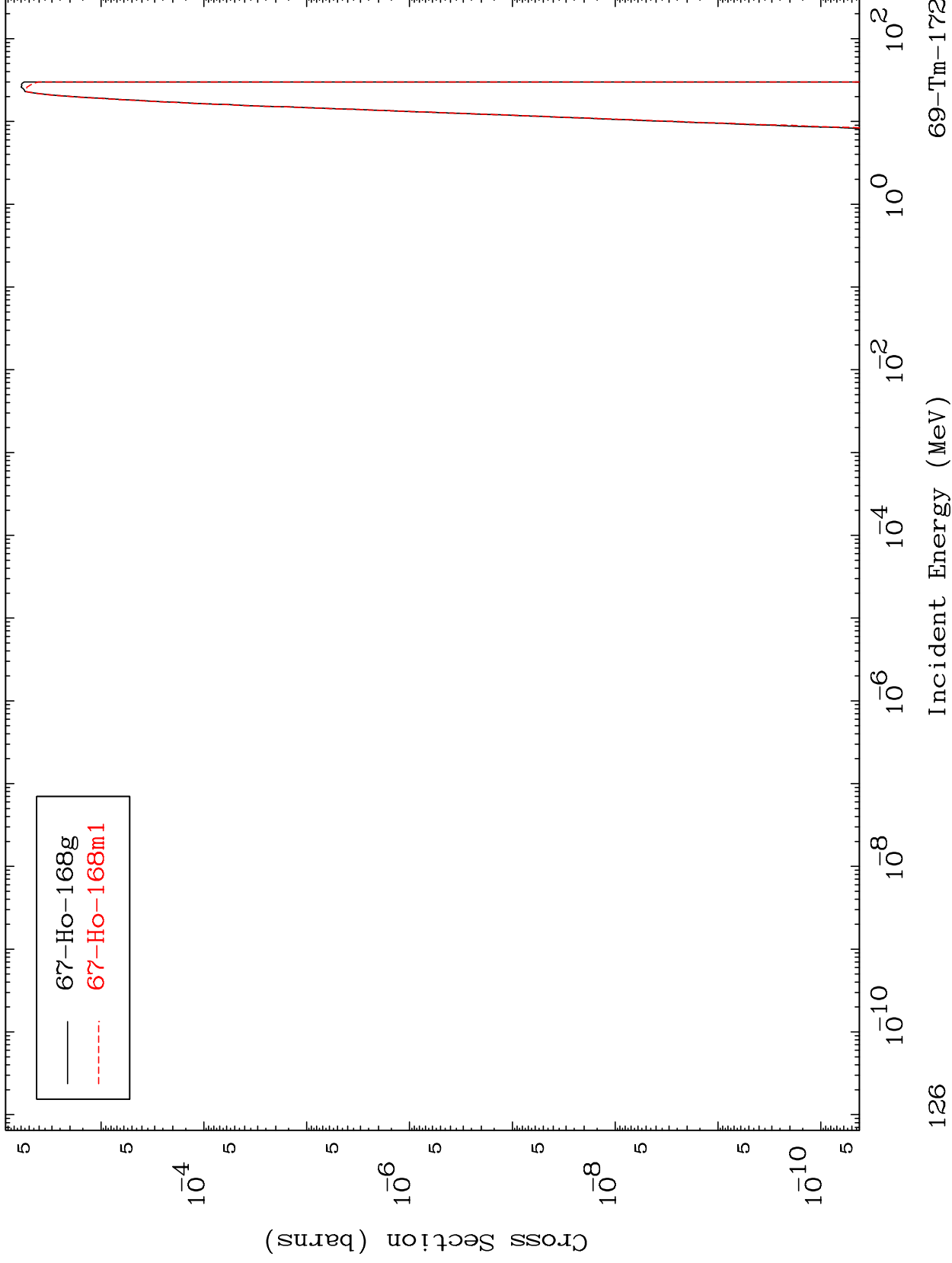


MAT 6934

$(n, n') \alpha$

69-Tm-172

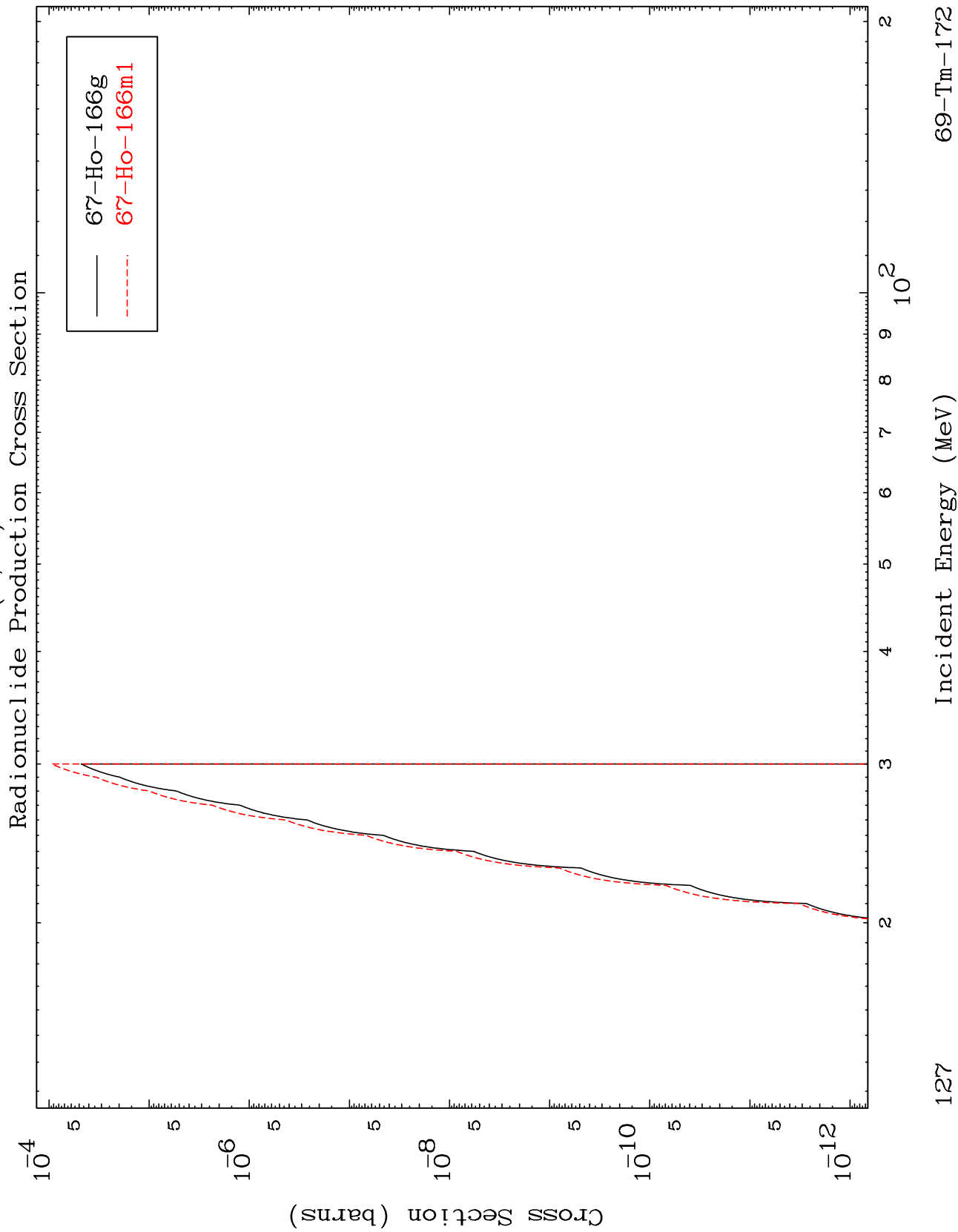
Radionuclide Production Cross Section



MAT 6934

(n,3n)  $\alpha$

69-Tm-172

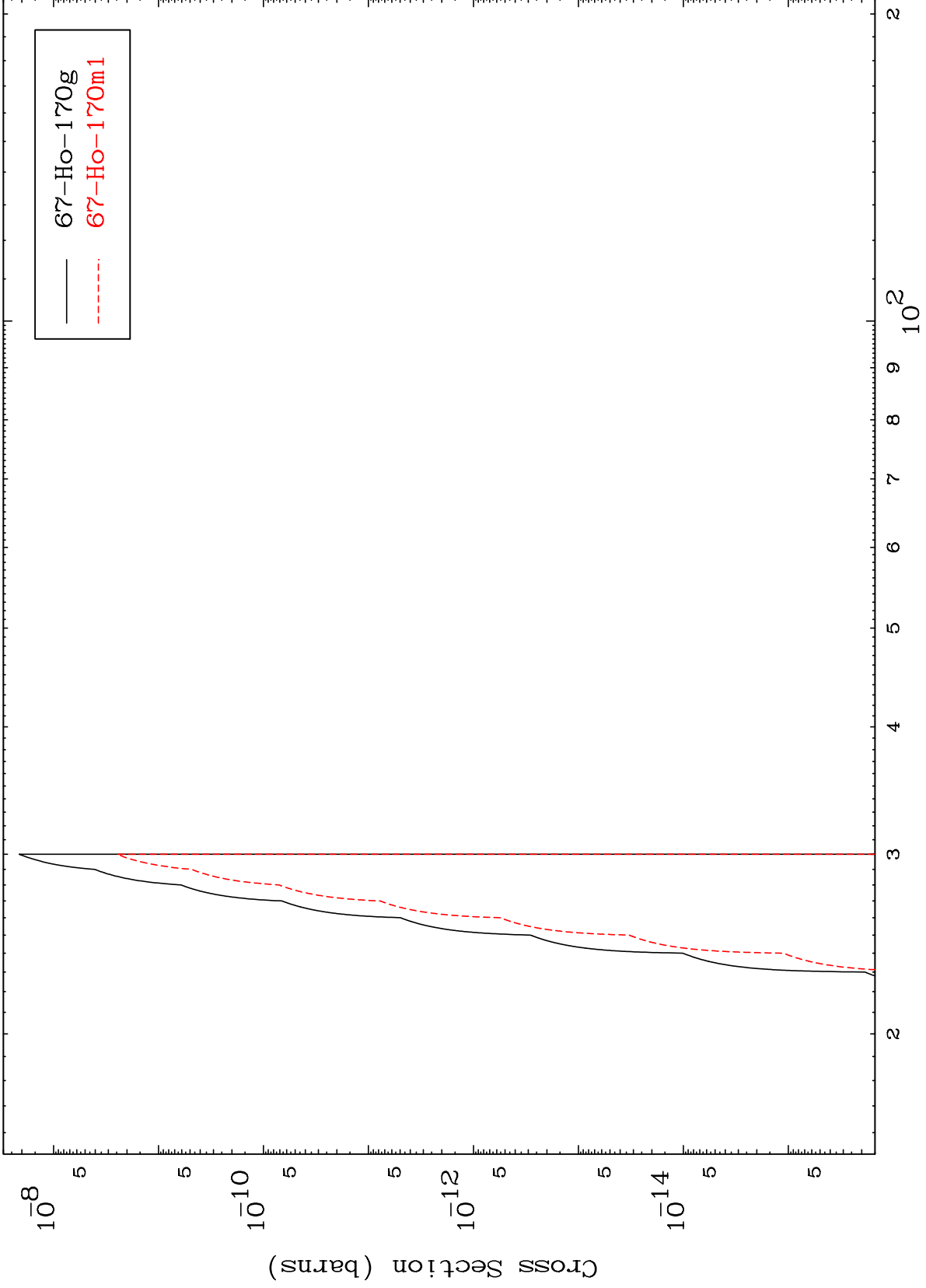


127

69-Tm-172



Radionuclide Production Cross Section

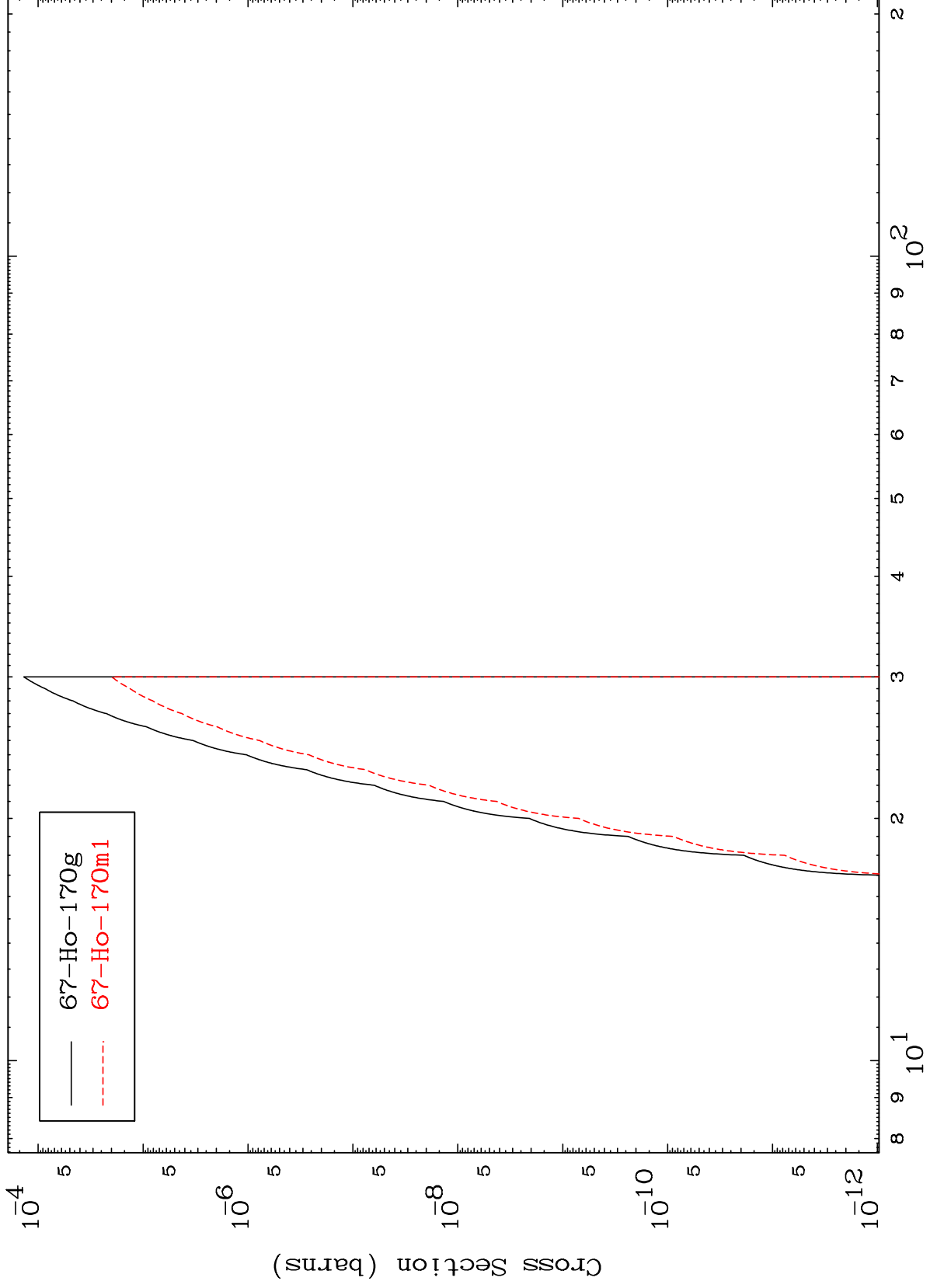


MAT 6934

(n,He-3)

69-Tm-172

Radionuclide Production Cross Section



129

Incident Energy (MeV)

69-Tm-172