

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

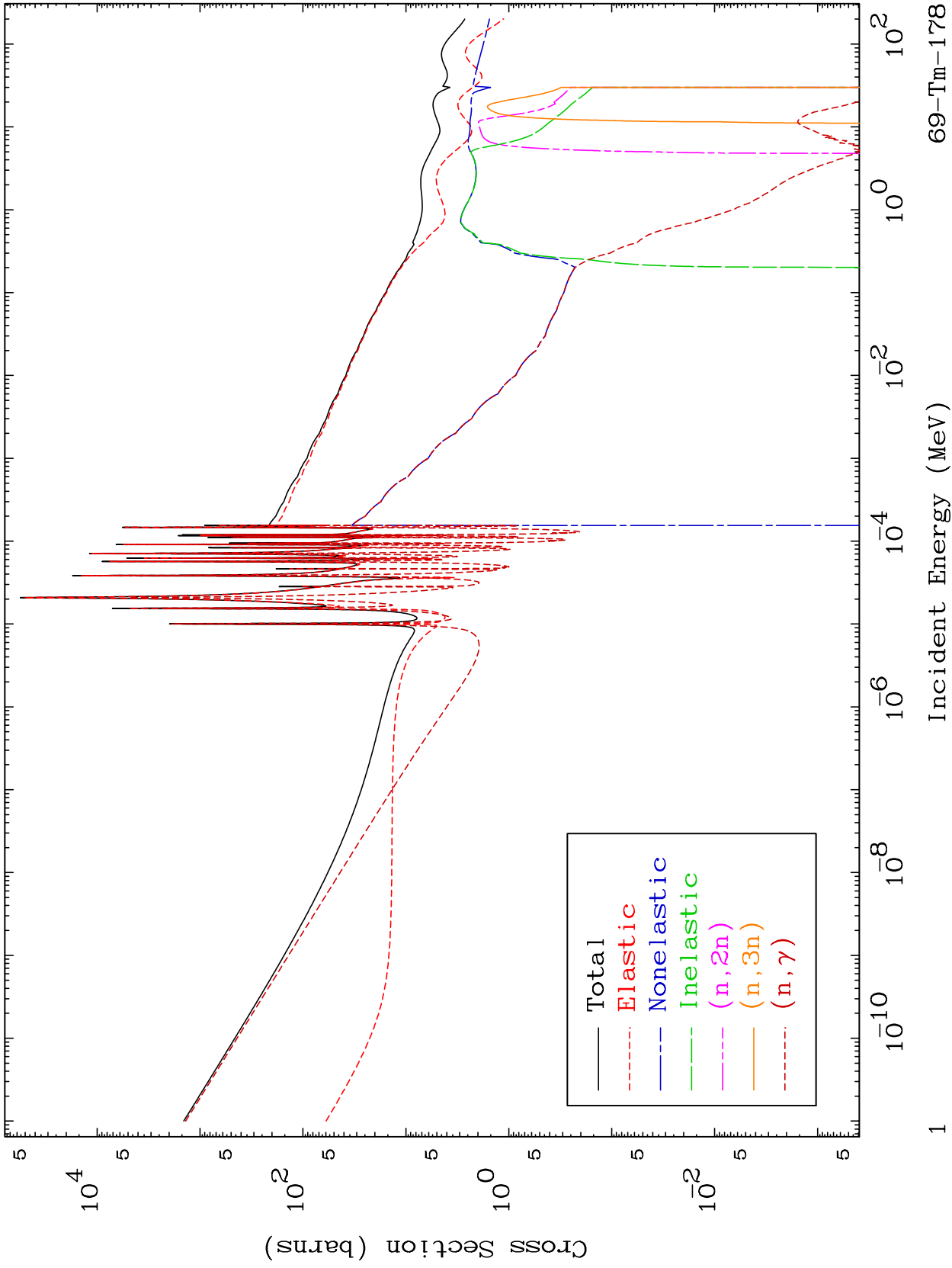
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6952

Neutron Major
293 Kelvin Cross Sections

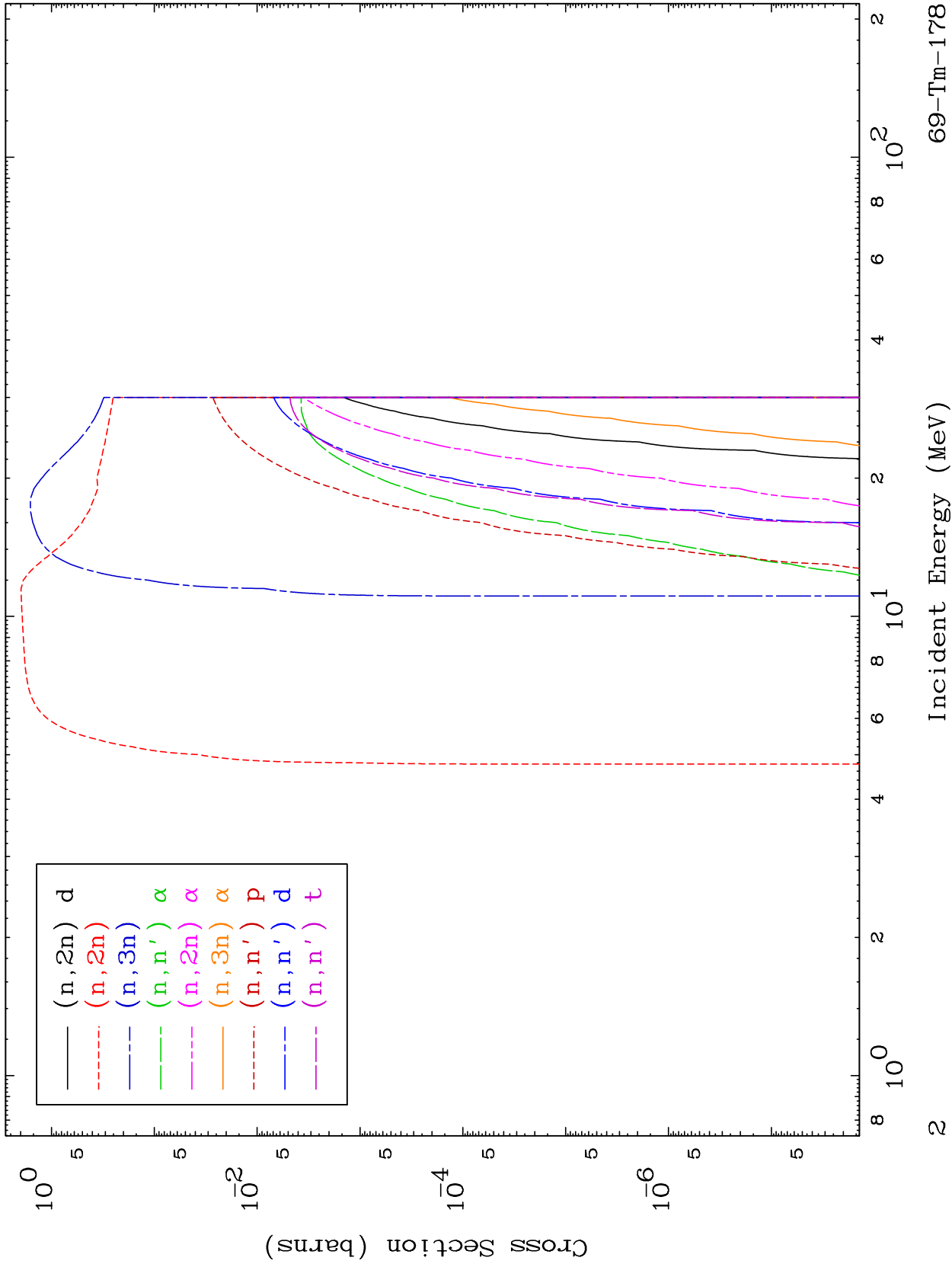
69-Tm-178



MAT 6952

Neutron Absorption
293 Kelvin Cross Sections

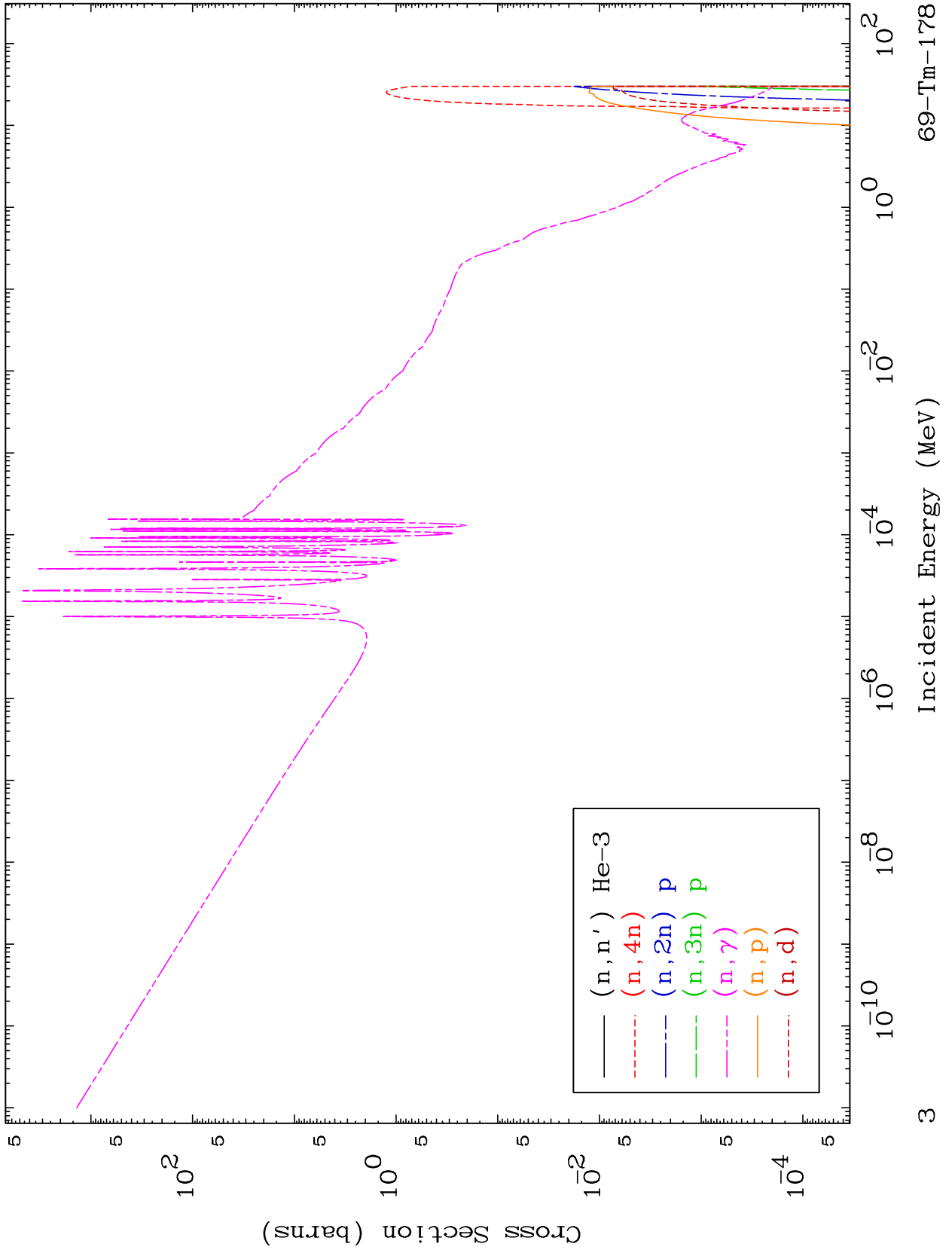
69-Tm-178



MAT 6952

Neutron Absorption
293 Kelvin Cross Sections

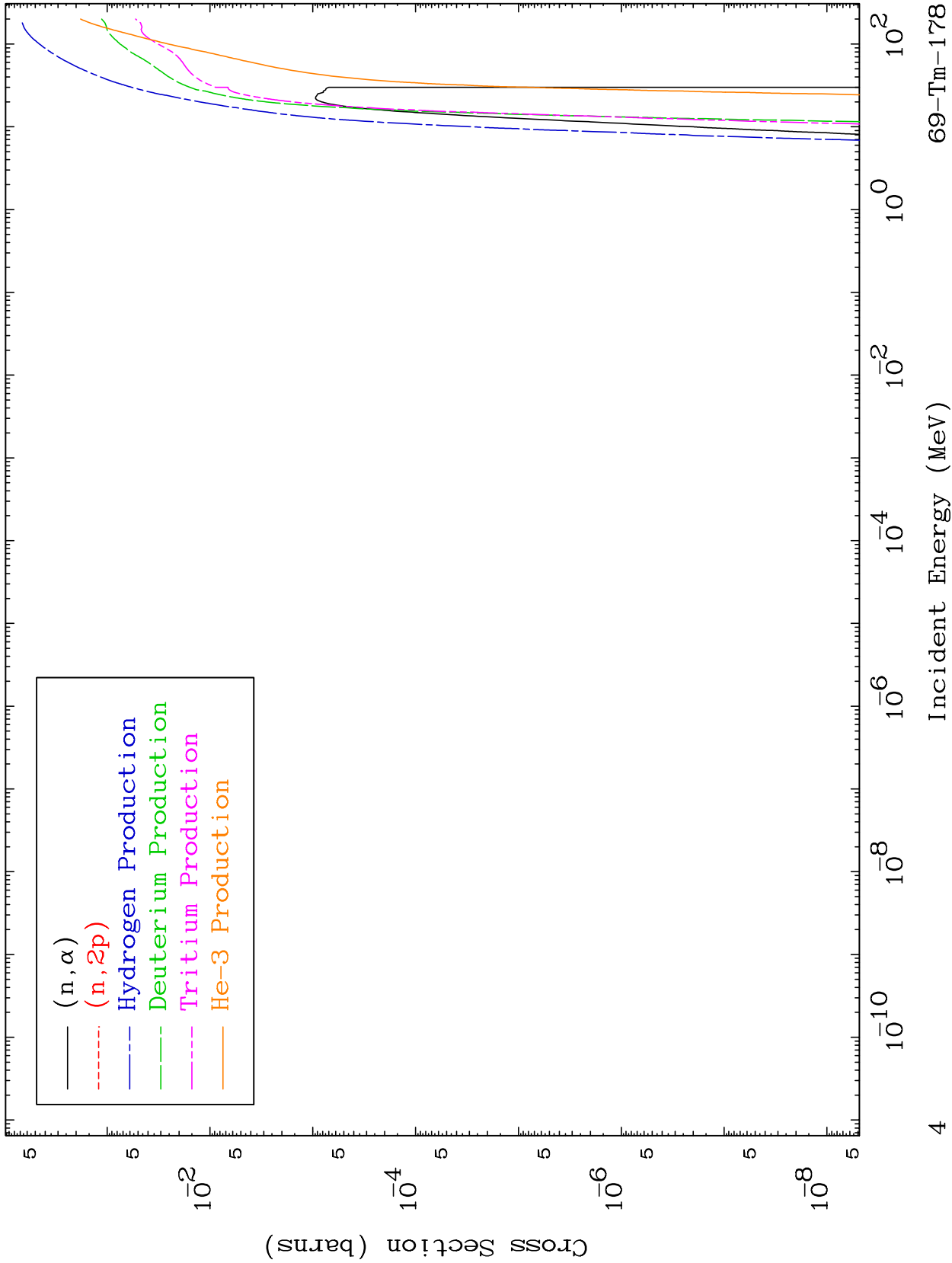
69-Tm-178



MAT 6952

Neutron Absorption
293 Kelvin Cross Sections

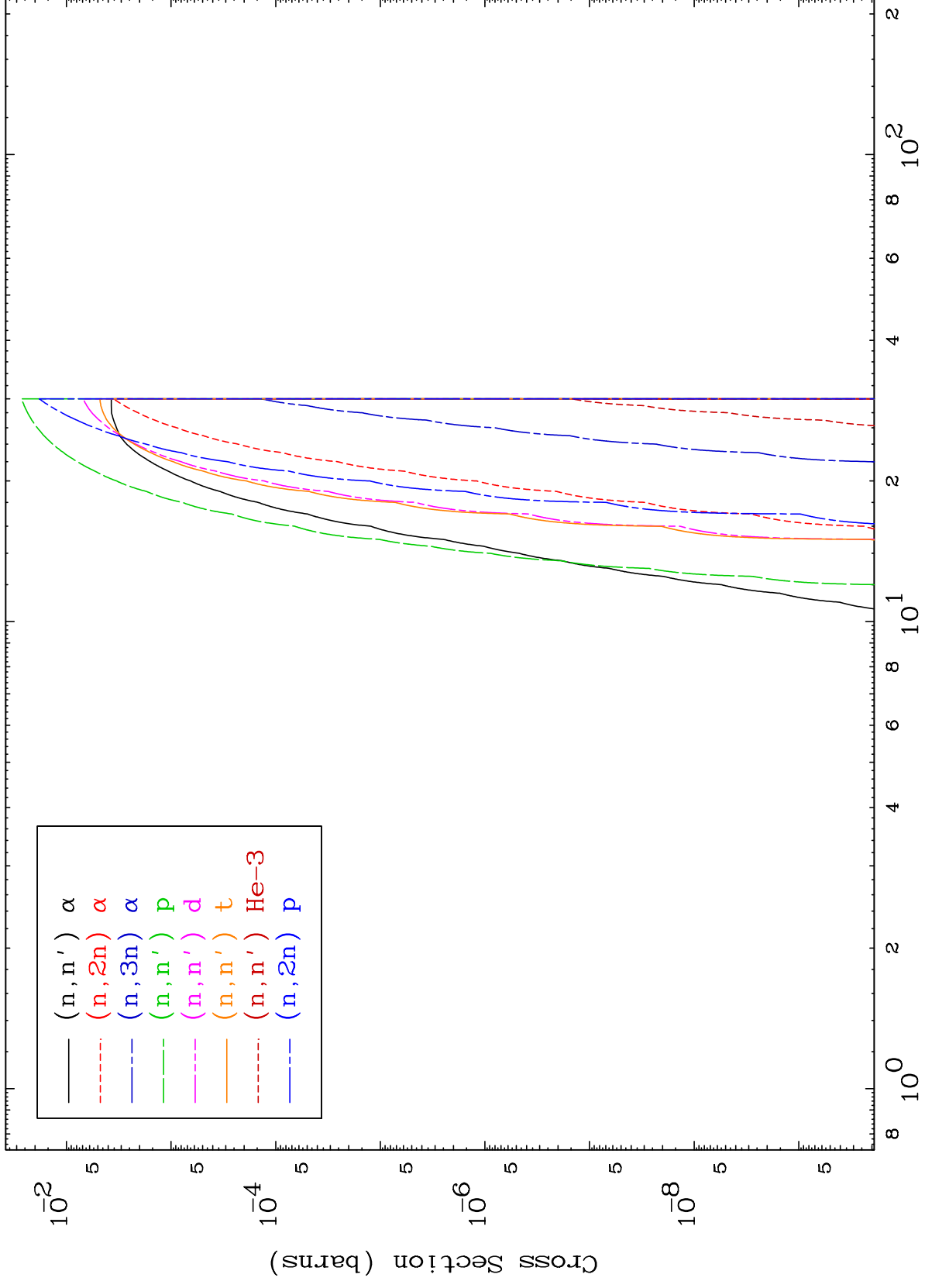
69-Tm-178



MAT 6952

Charged Particle
293 Kelvin Cross Sections

69-Tm-178



5

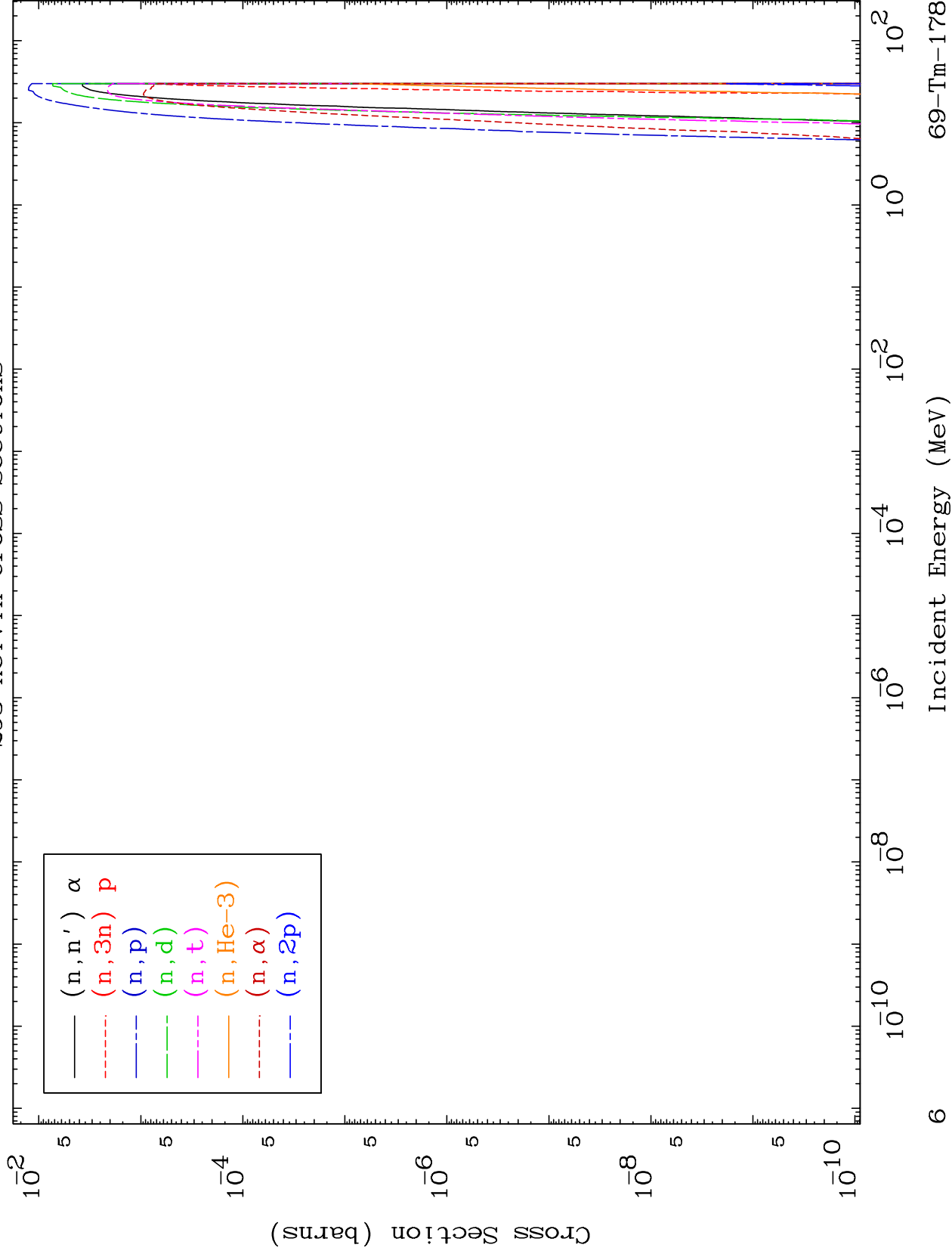
Incident Energy (MeV)

69-Tm-178

MAT 6952

Charged Particle
293 Kelvin Cross Sections

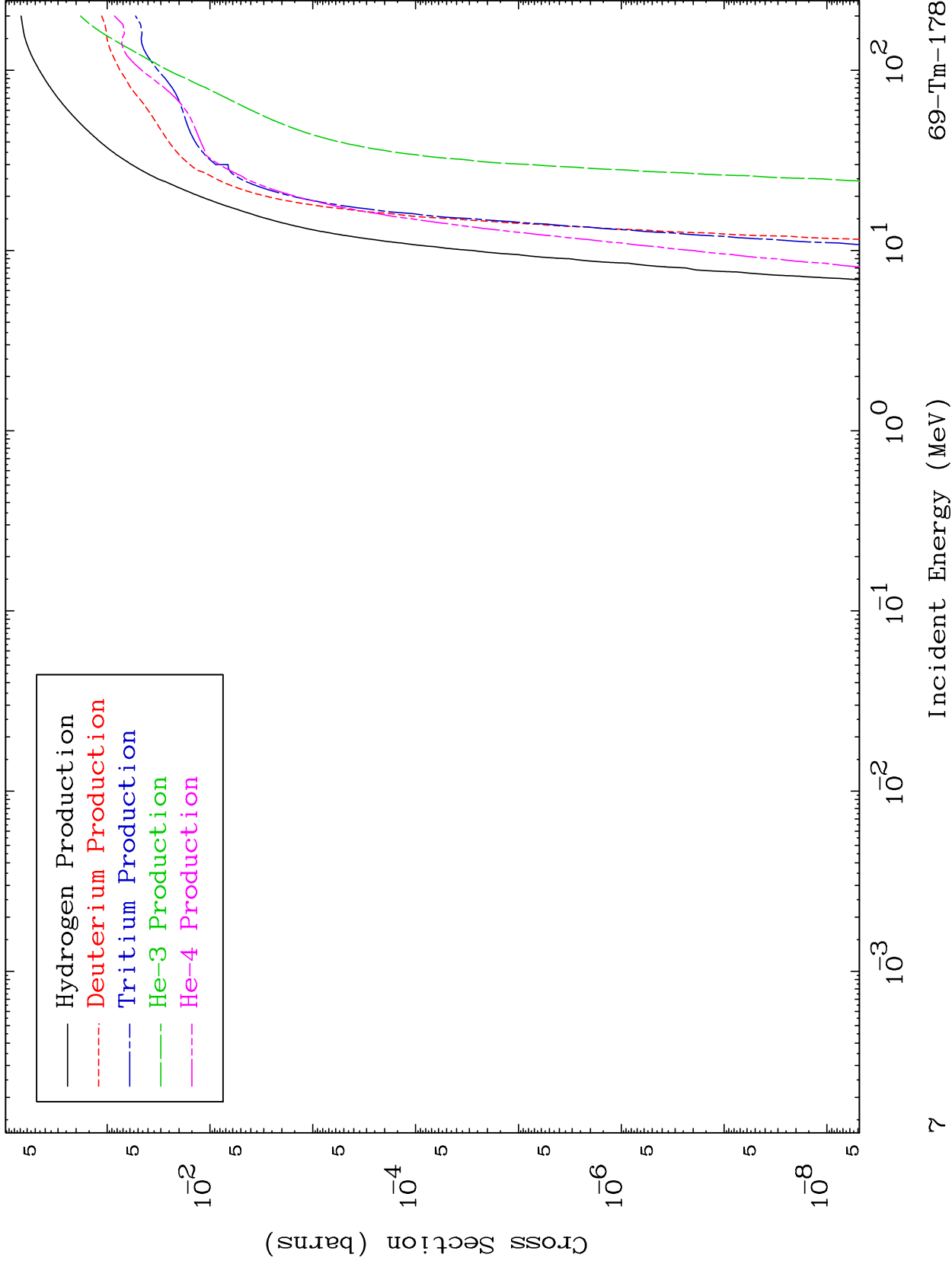
69-Tm-178

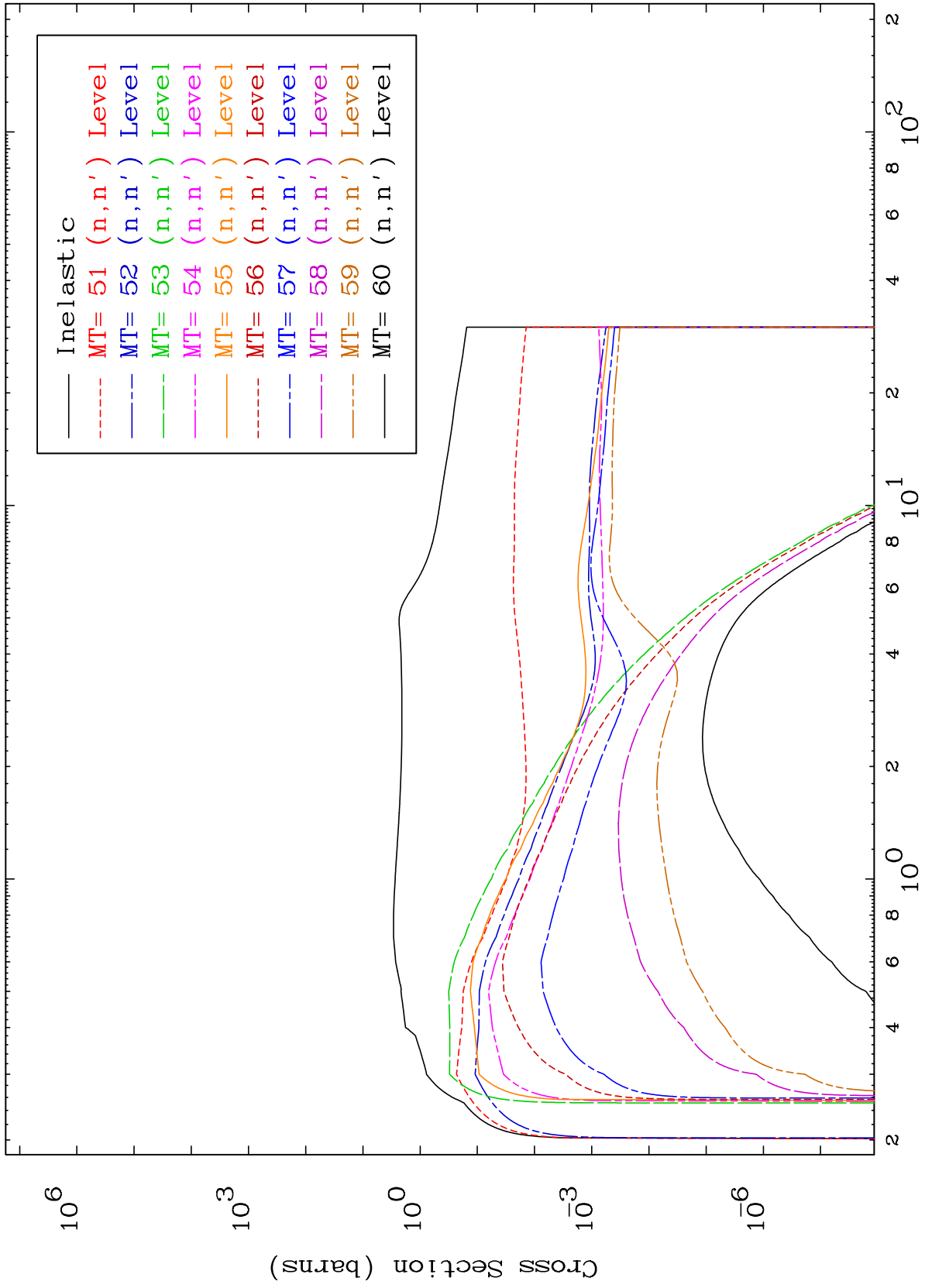


MAT 6952

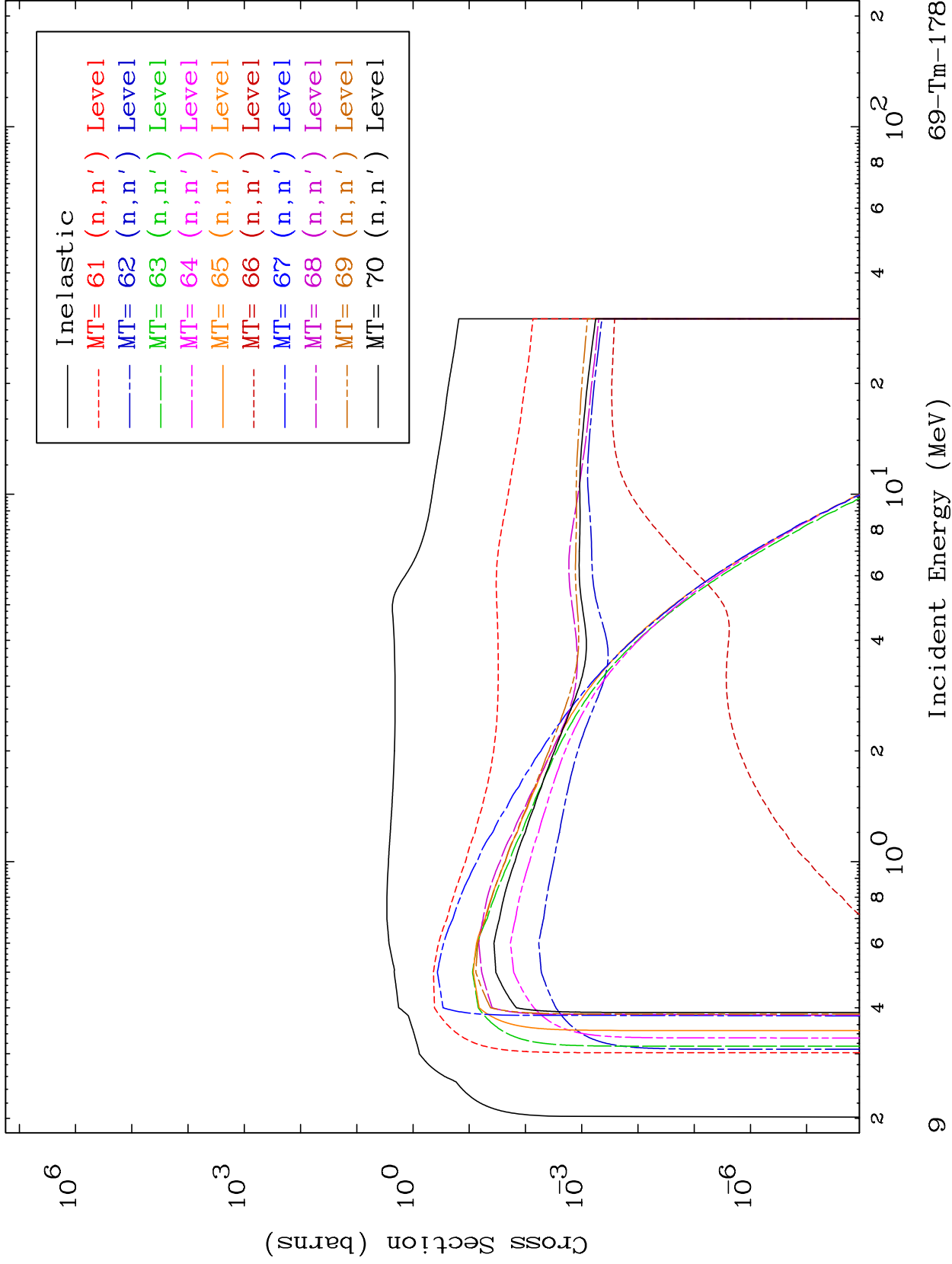
Particle Production
293 Kelvin Cross Sections

69-Tm-178





293 Kelvin Cross Sections

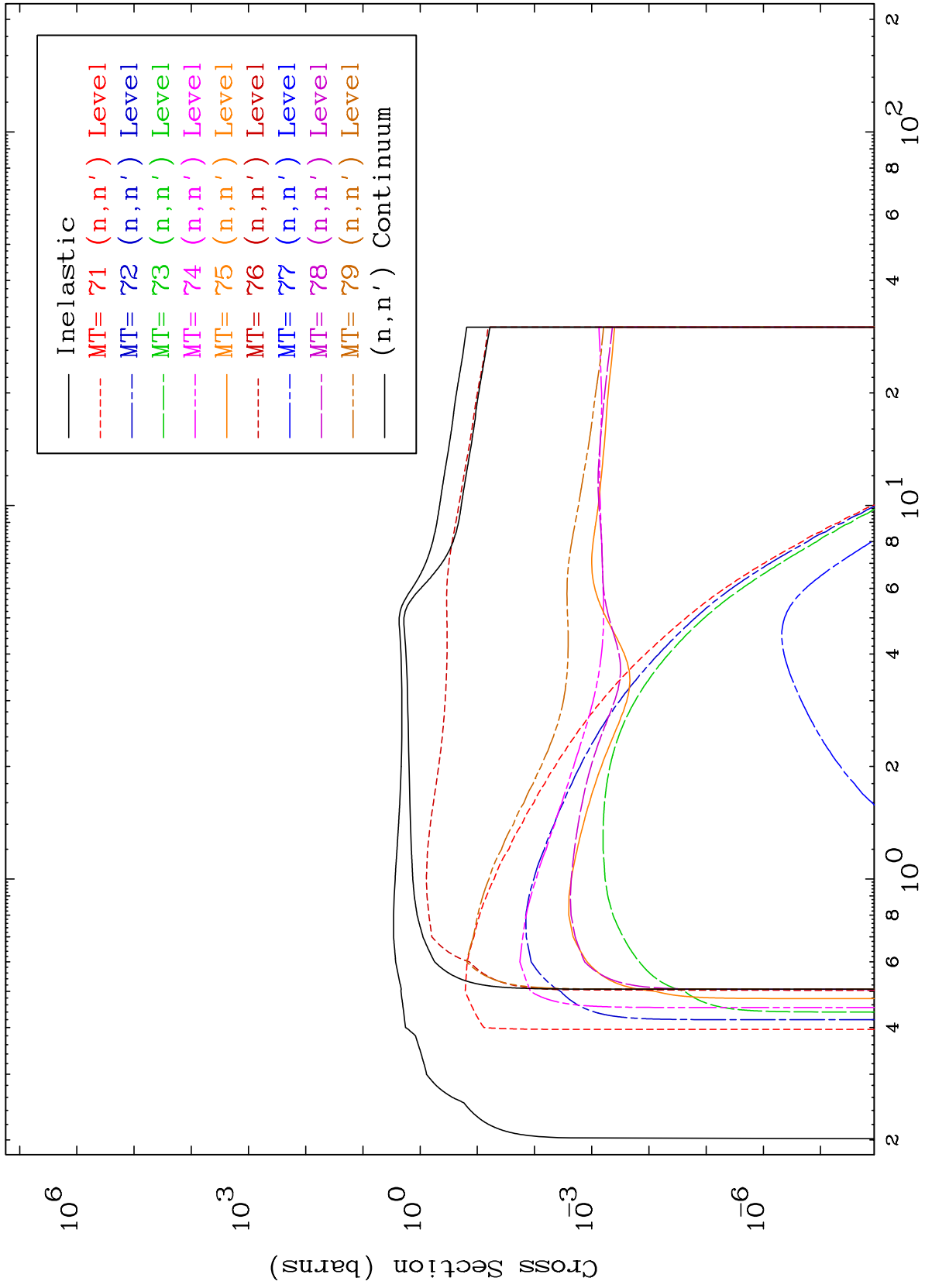


MAT 6952

(n,n') Levels

293 Kelvin Cross Sections

69-Tm-178



10

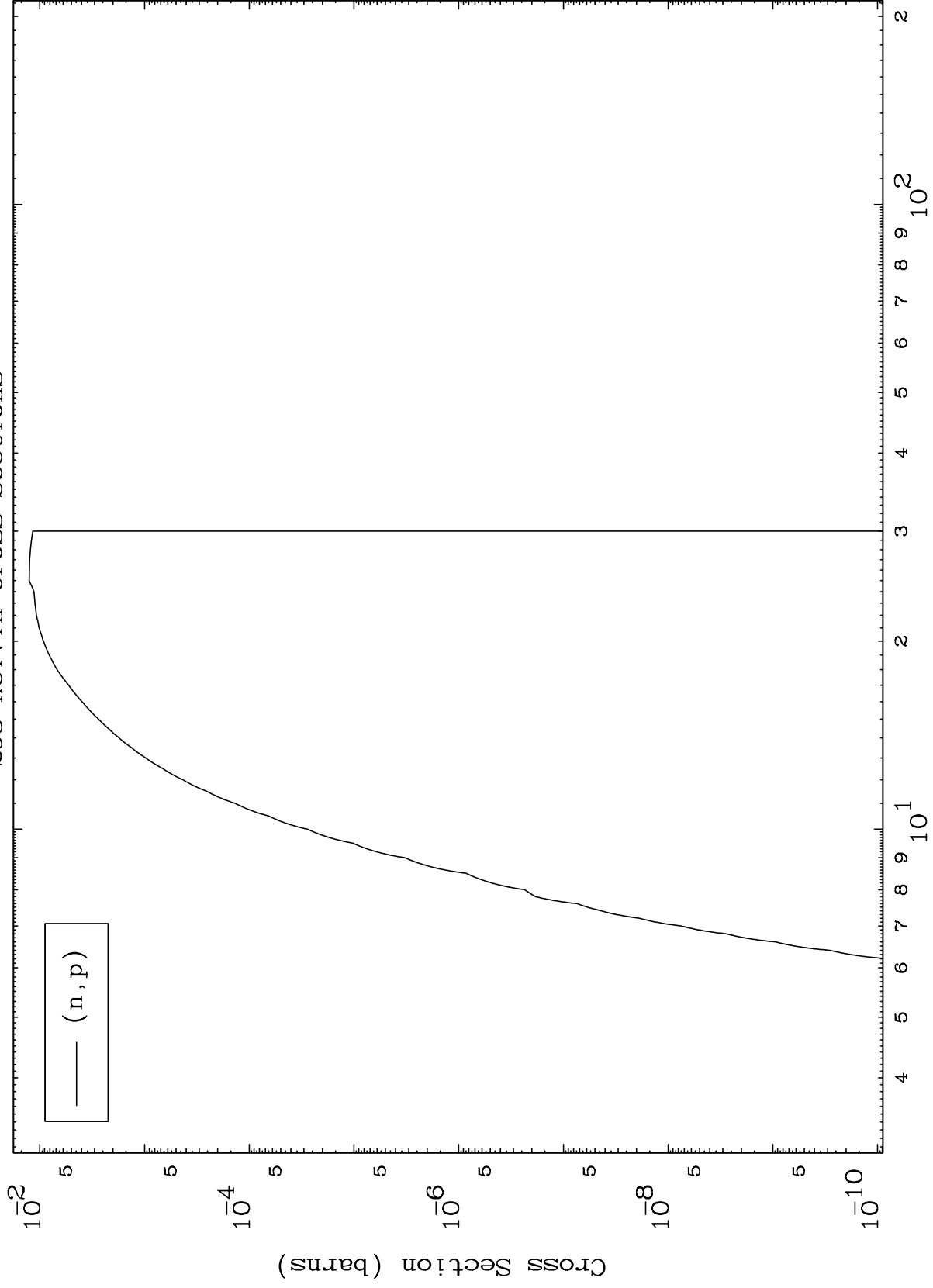
Incident Energy (MeV)

69-Tm-178

MAT 6952

(n,p) Levels
293 Kelvin Cross Sections

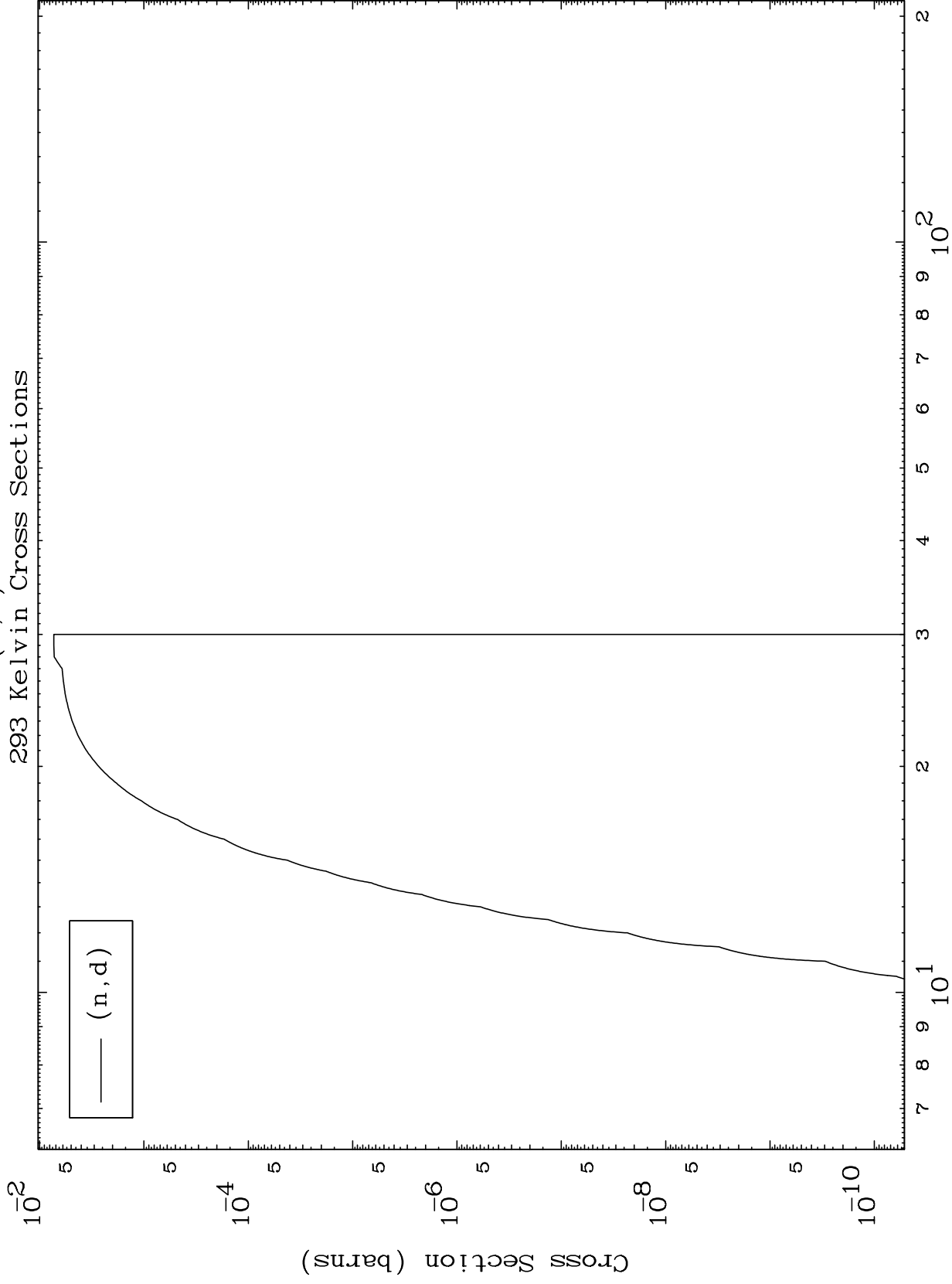
69-Tm-178



MAT 6952

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-178



12

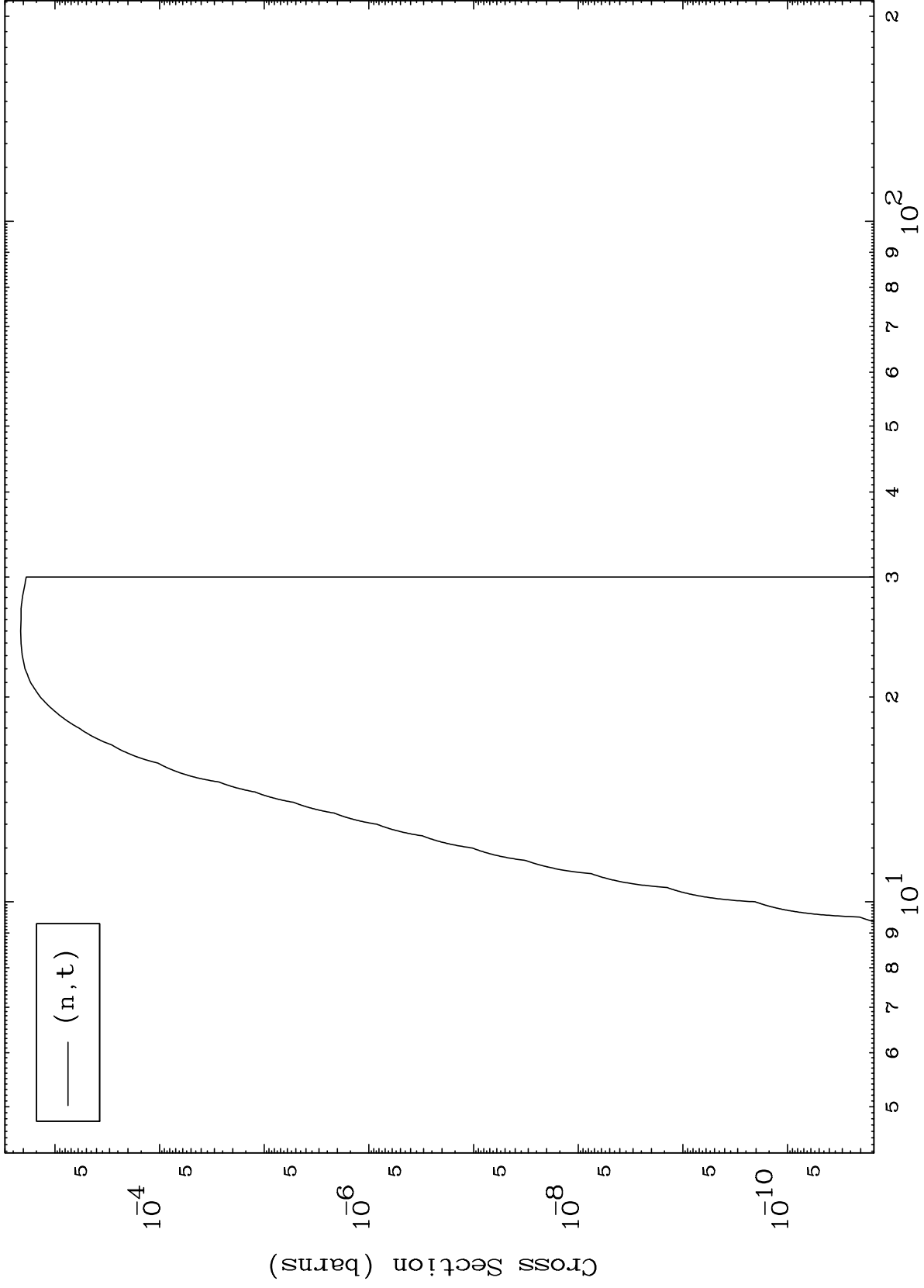
Incident Energy (MeV)

69-Tm-178

MAT 6952

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-178



13

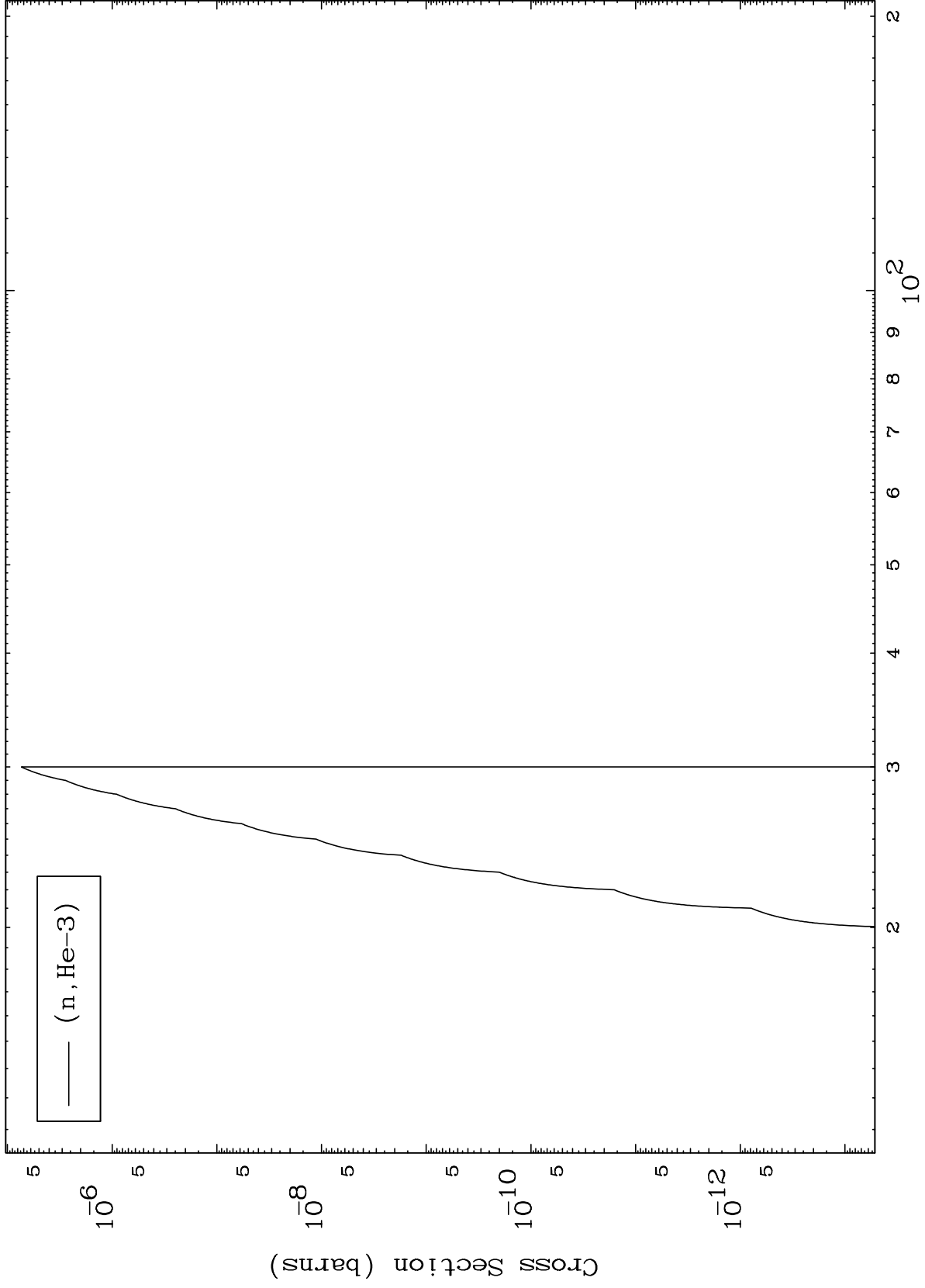
Incident Energy (MeV)

69-Tm-178

MAT 6952

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-178



14

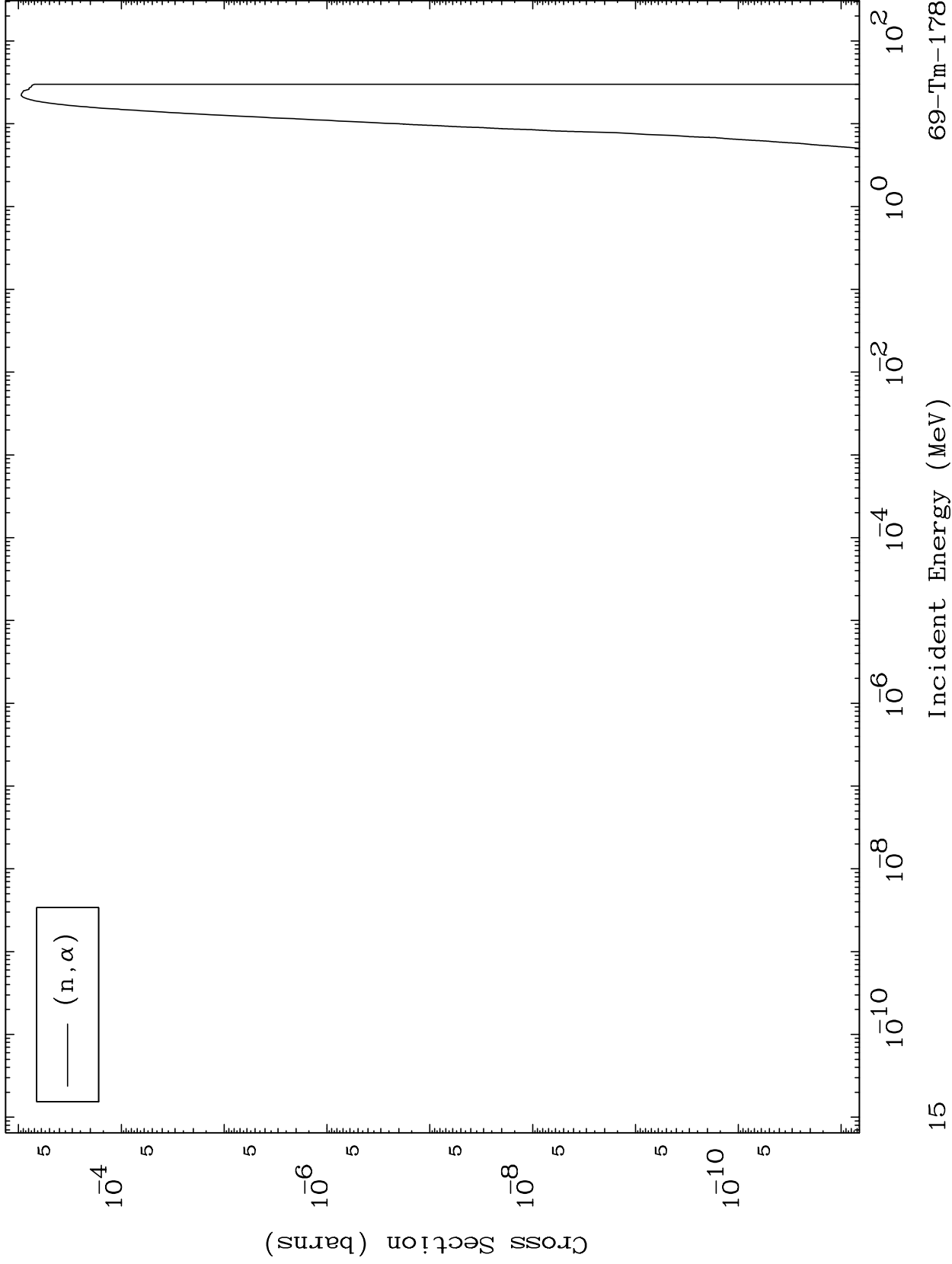
Incident Energy (MeV)

69-Tm-178

MAT 6952

(n, α) Levels
293 Kelvin Cross Sections

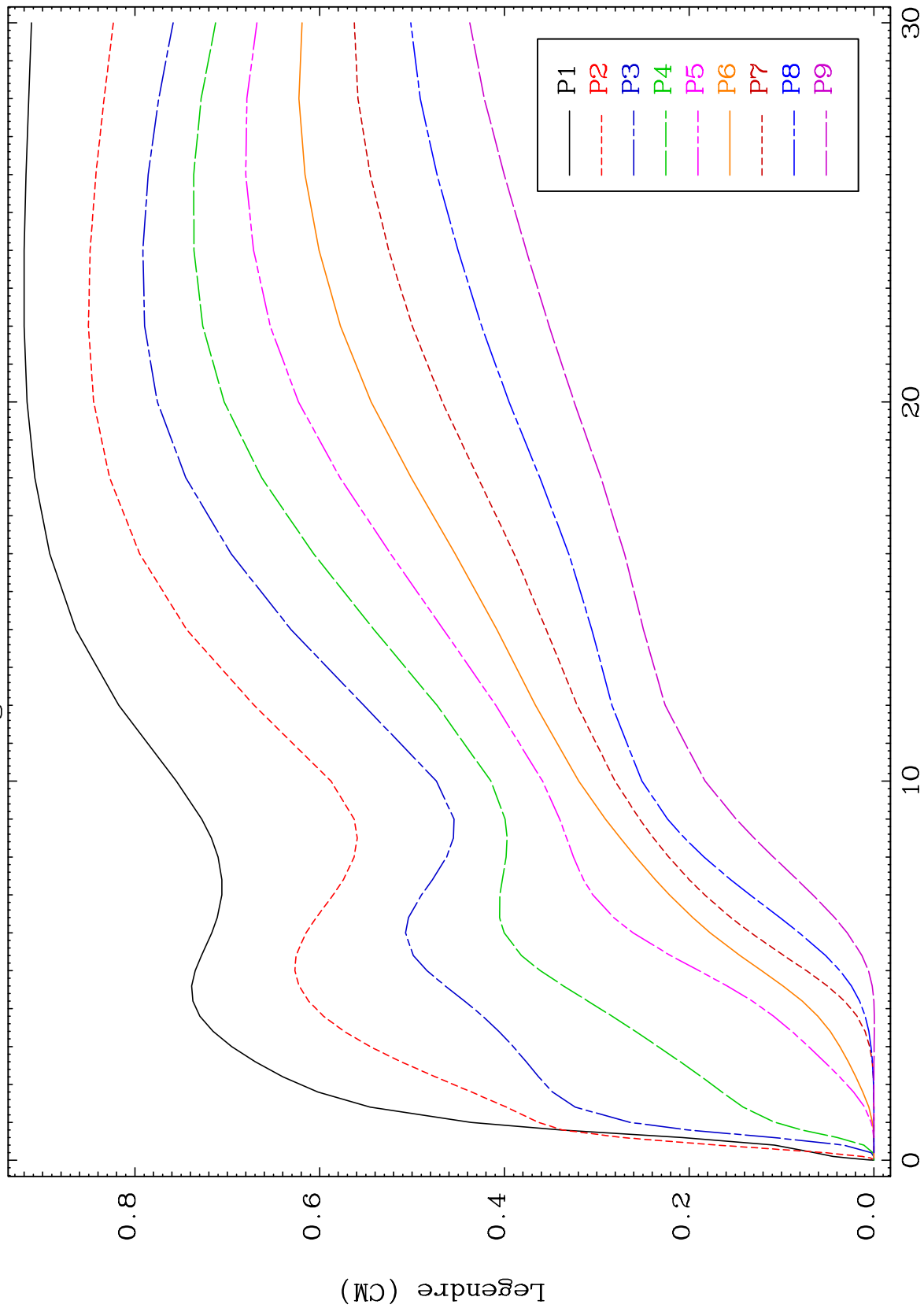
69-Tm-178



MAT 6952

Elastic Legendre Coefficients

69-Tm-178



16

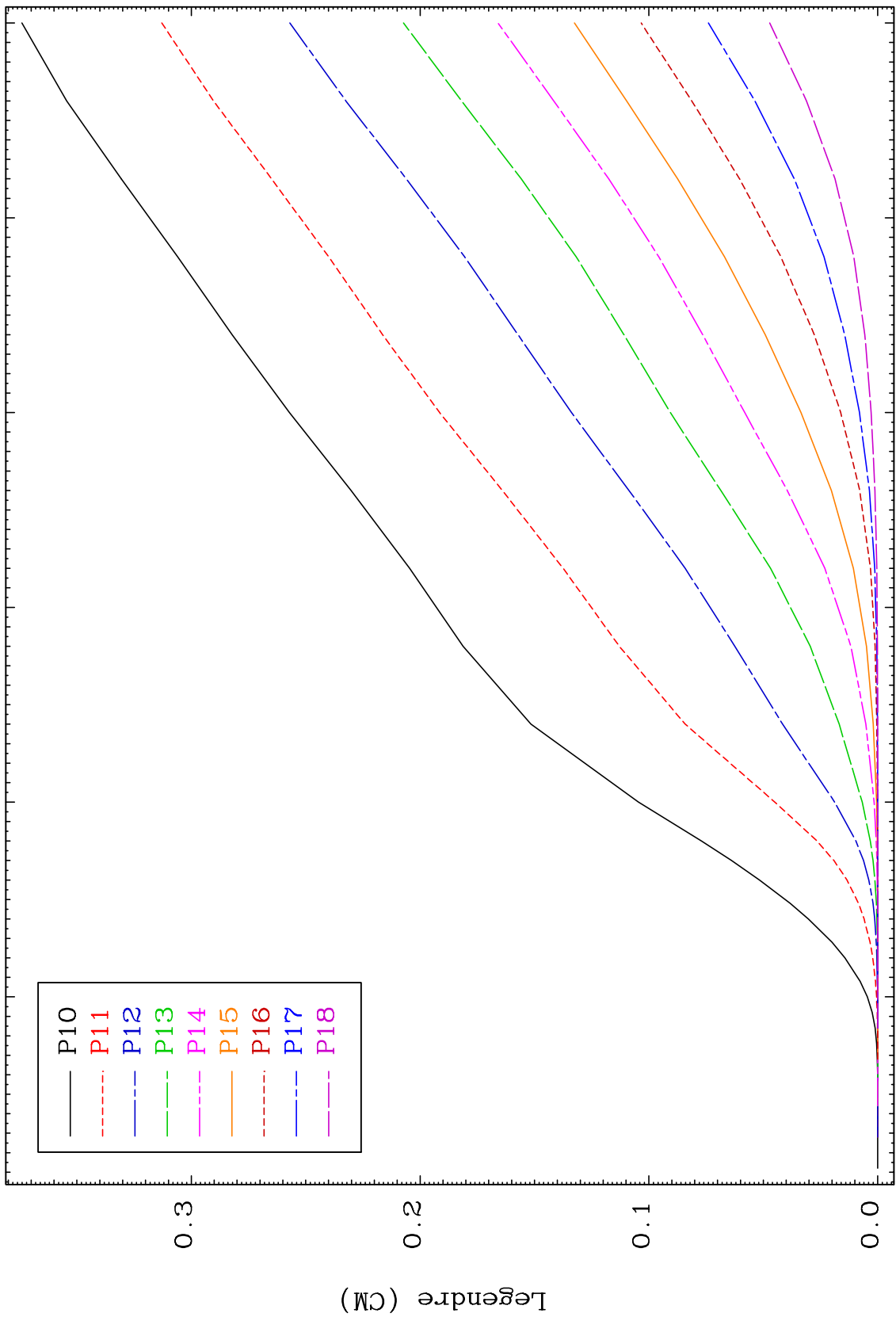
Incident Energy (MeV)

69-Tm-178

MAT 6952

Elastic Legendre Coefficients

69-Tm-178



17

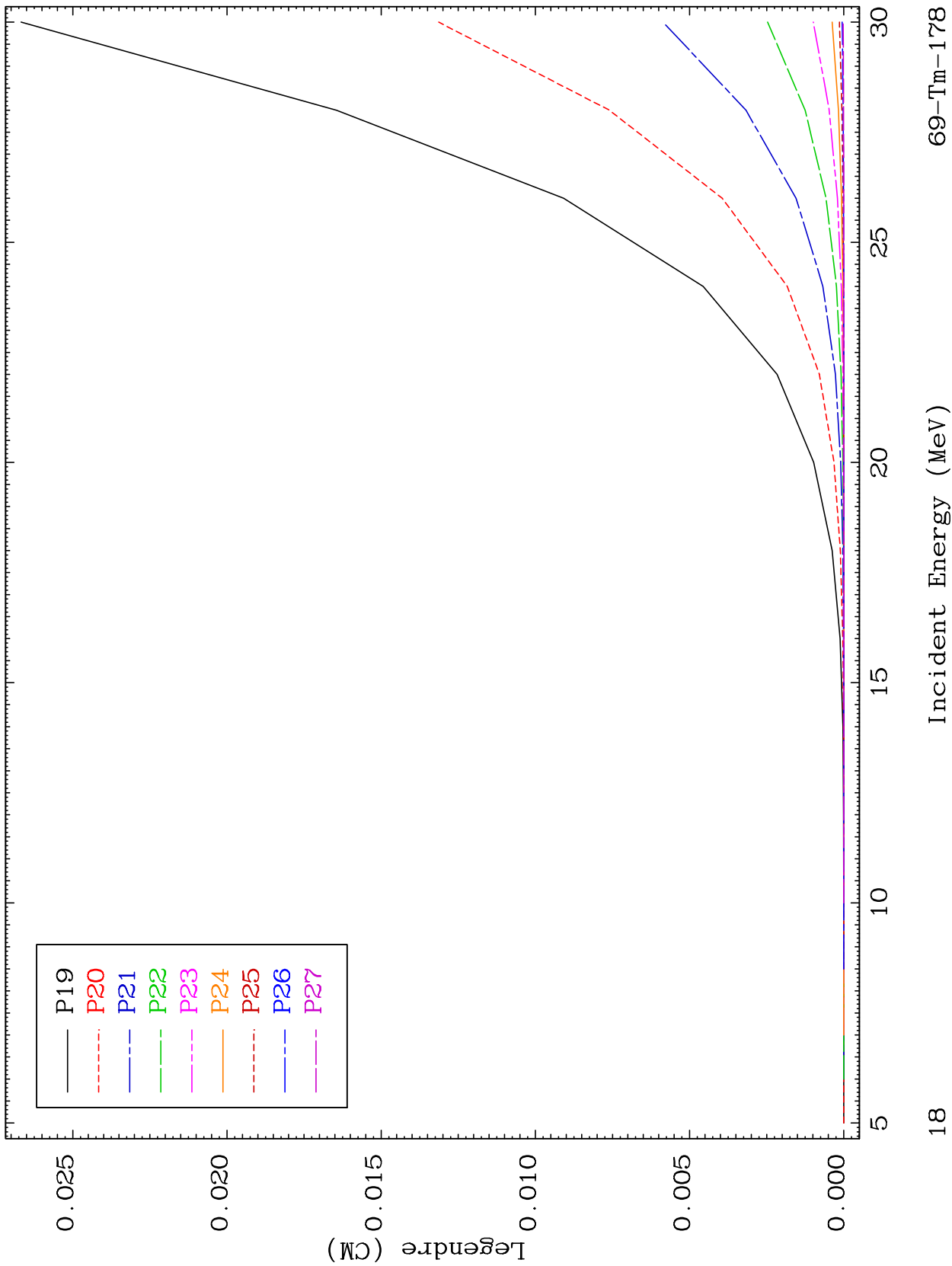
69-Tm-178

Incident Energy (MeV)

MAT 6952

Elastic Legendre Coefficients

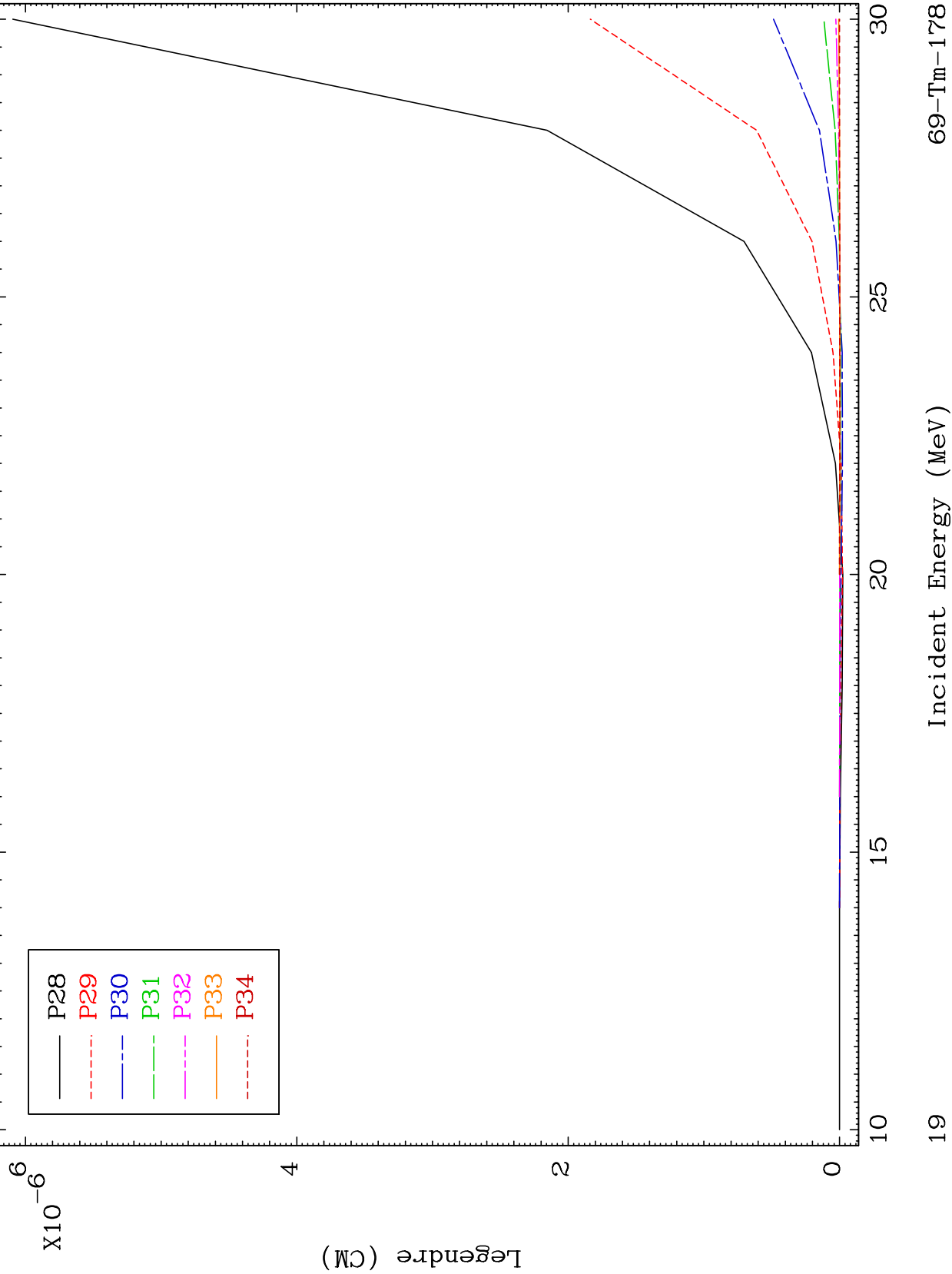
69-Tm-178



MAT 6952

Elastic Legendre Coefficients

69-Tm-178



19

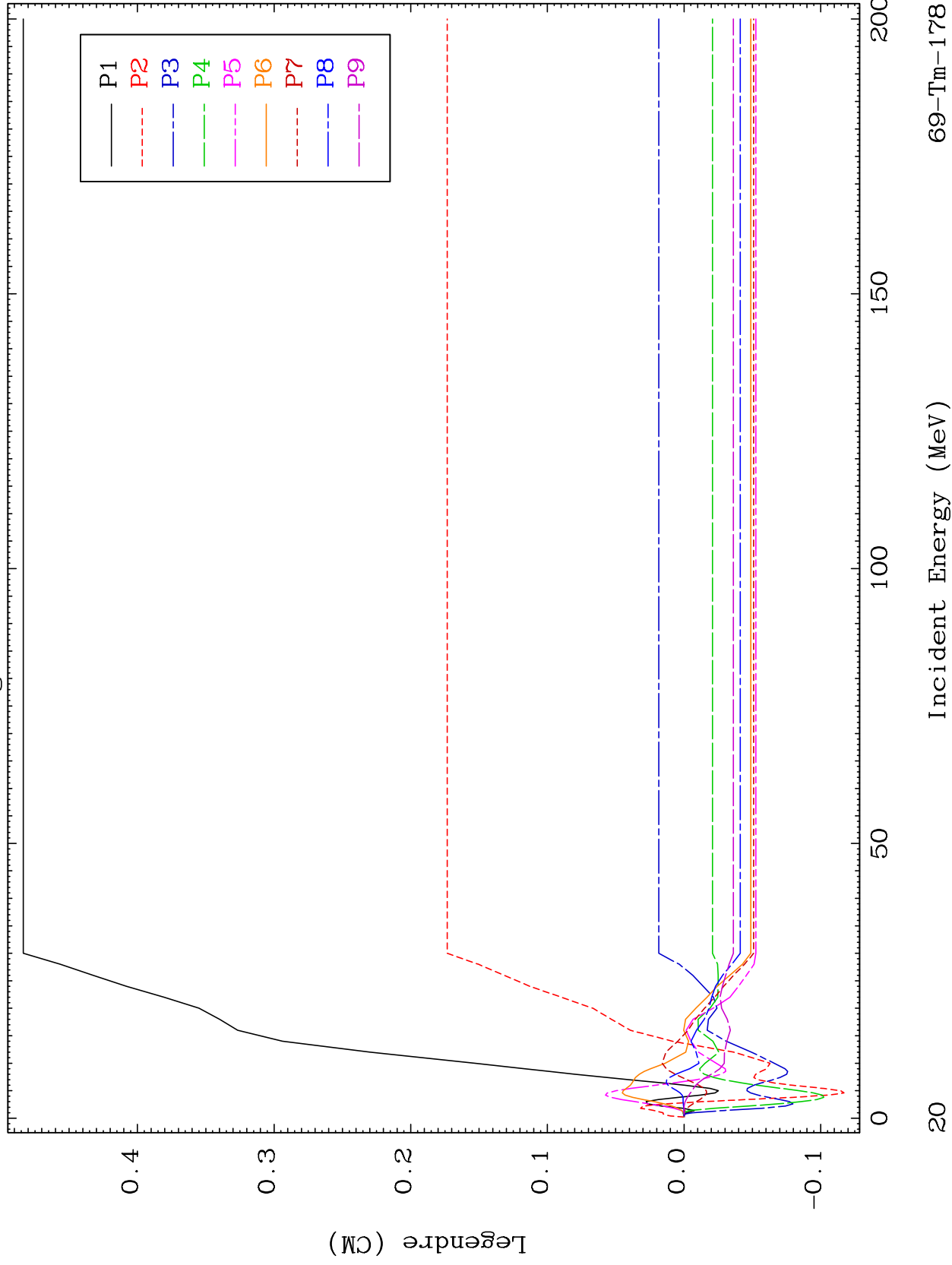
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



69-Tm-178

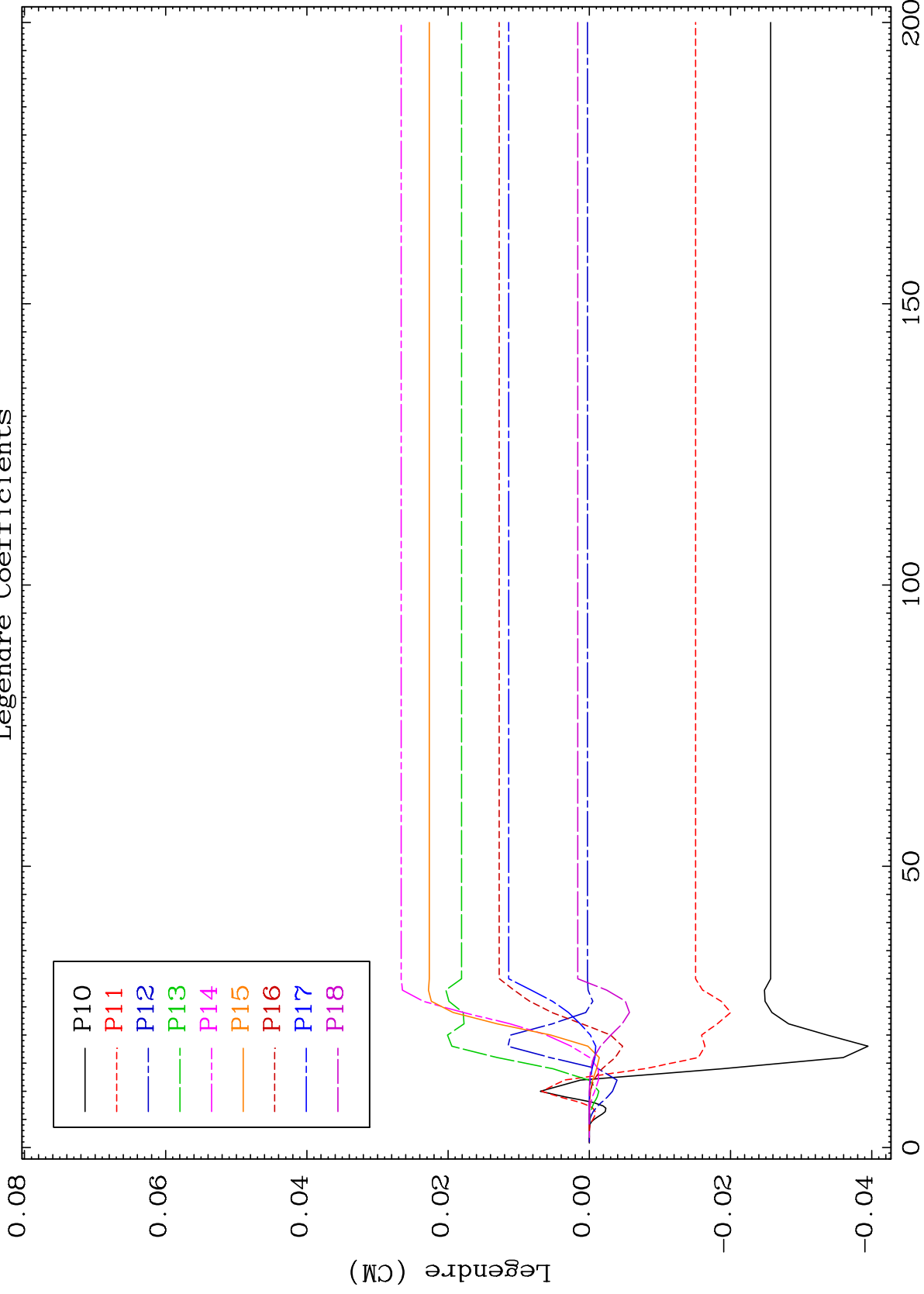
Incident Energy (MeV)

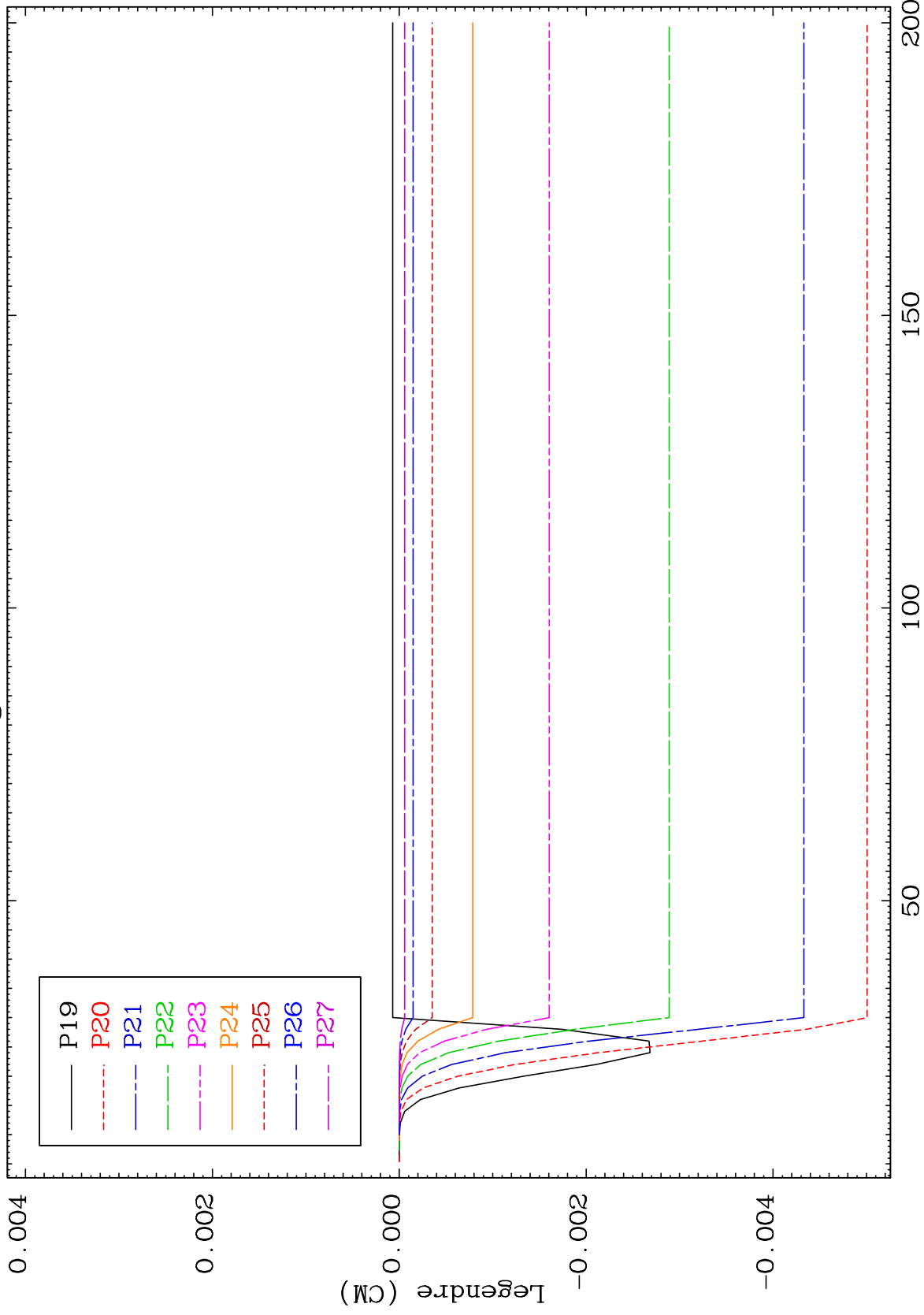
20

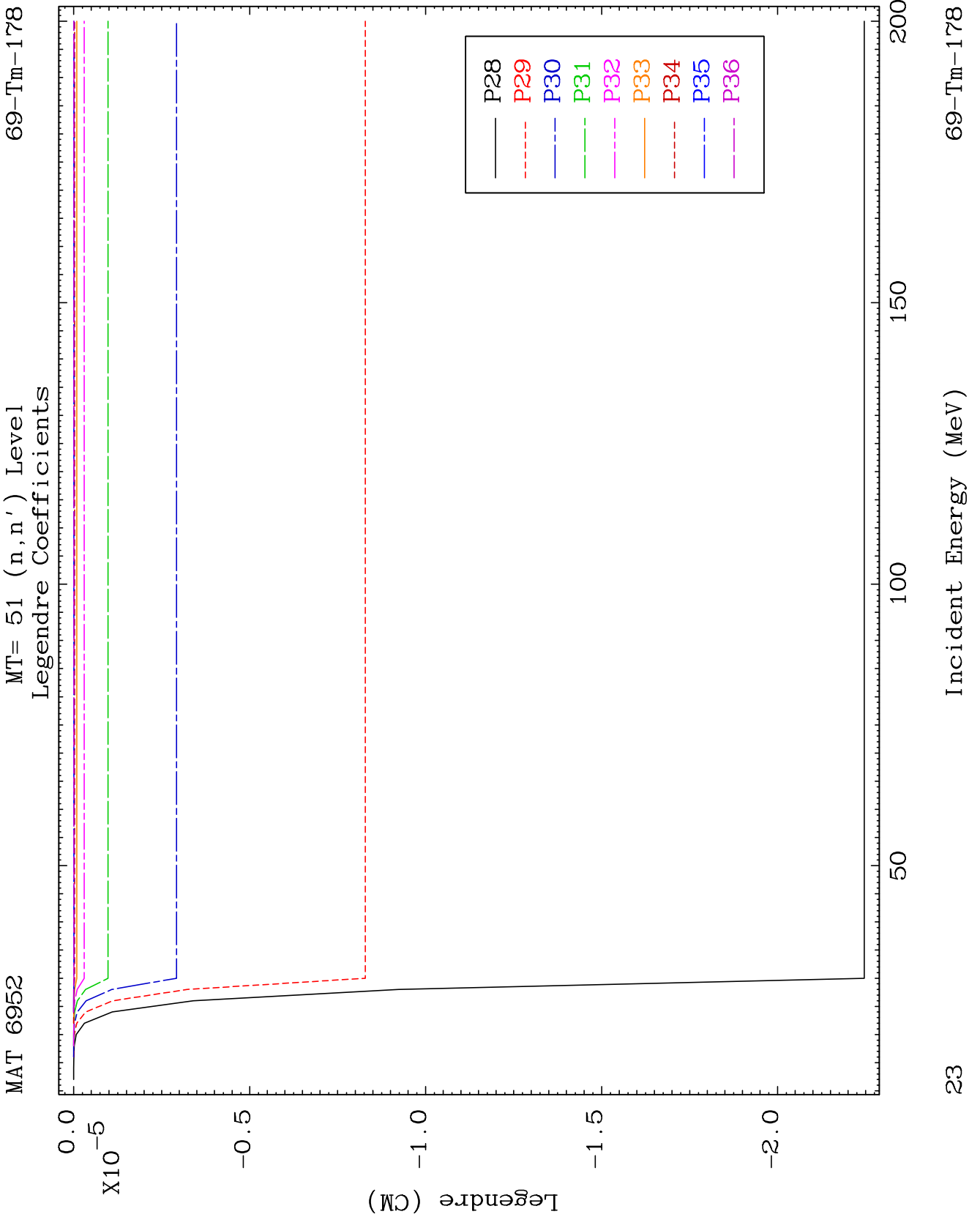
MAT 6952

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

69-Tm-178



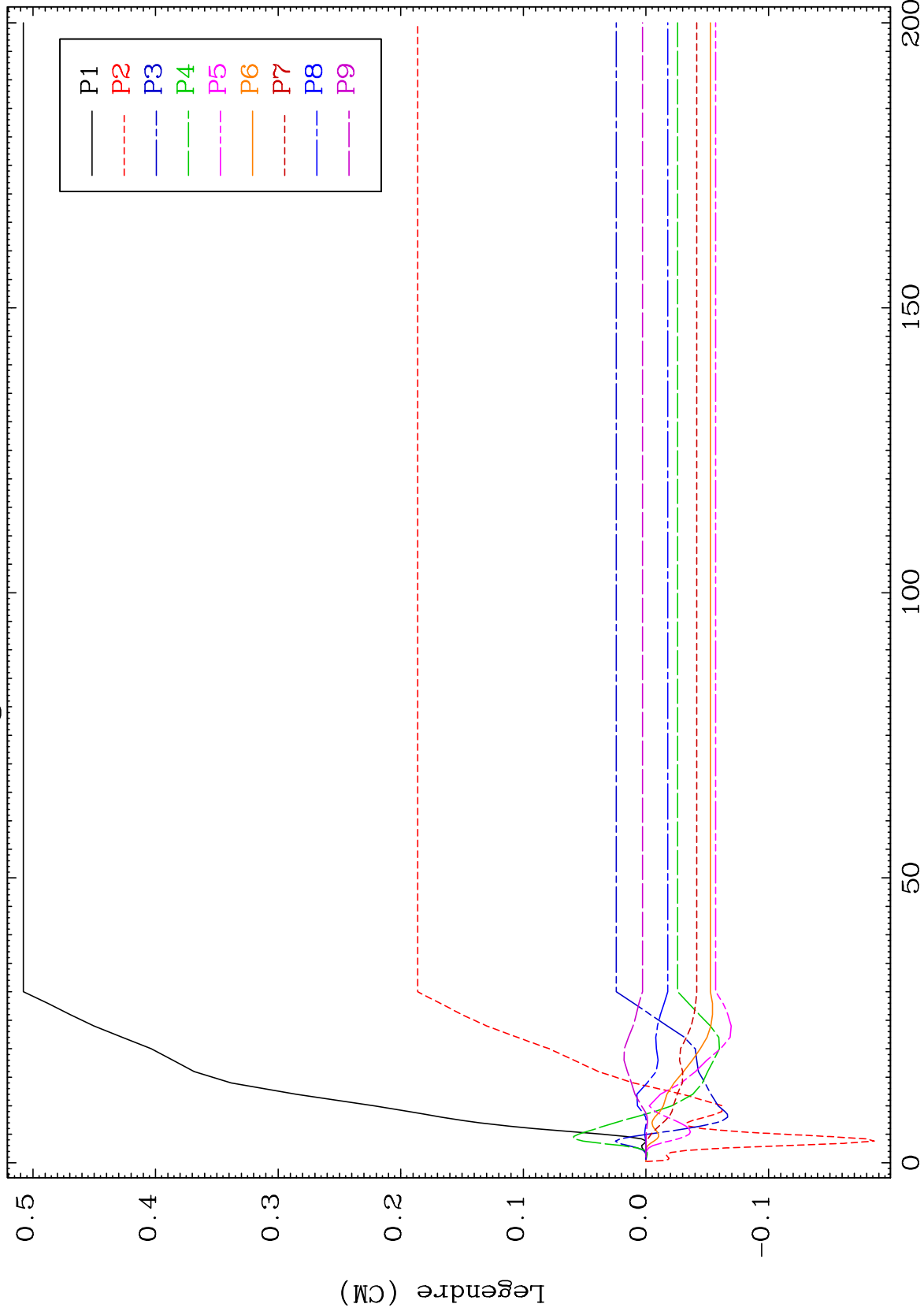




MAT 6952

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

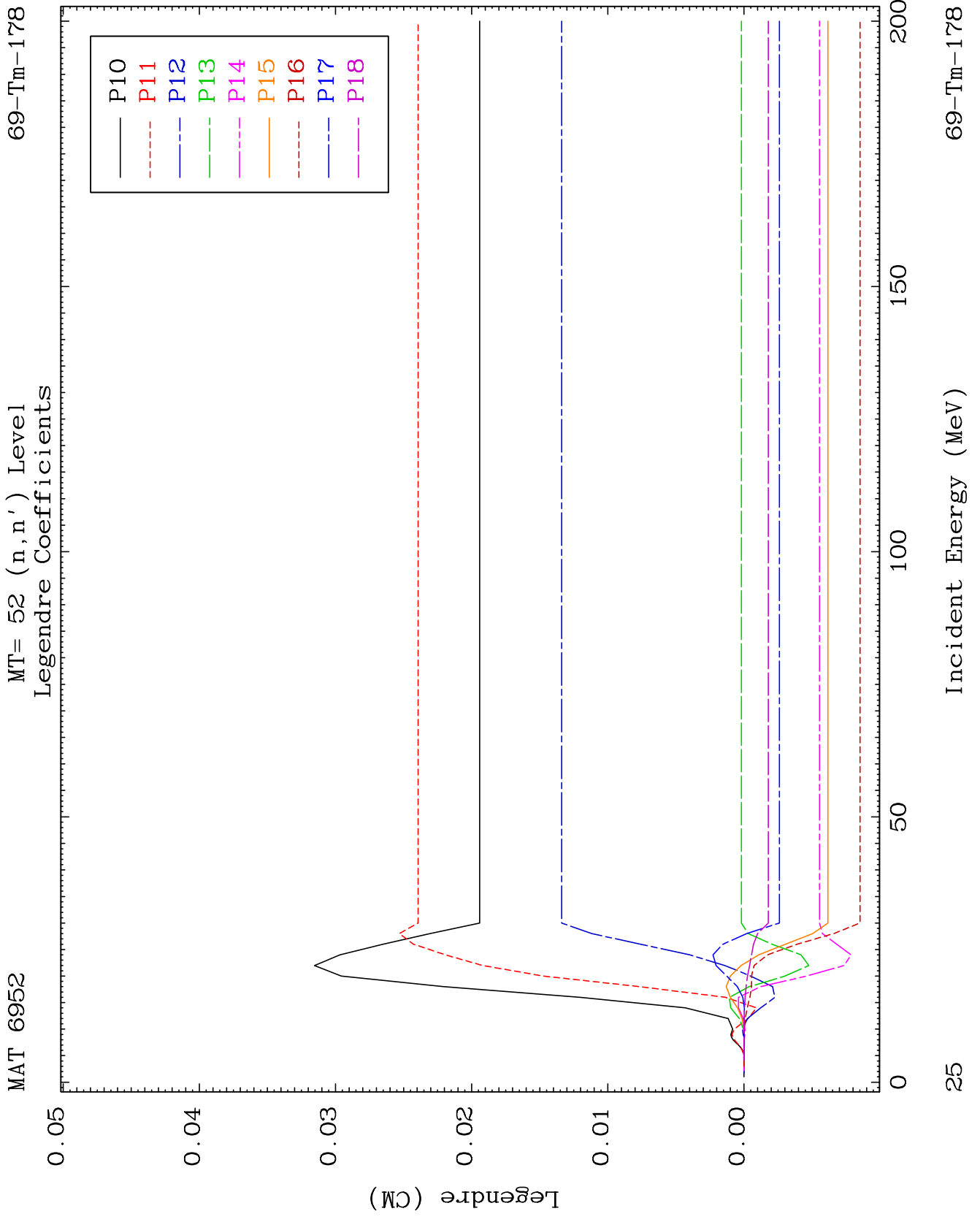
69-Tm-178

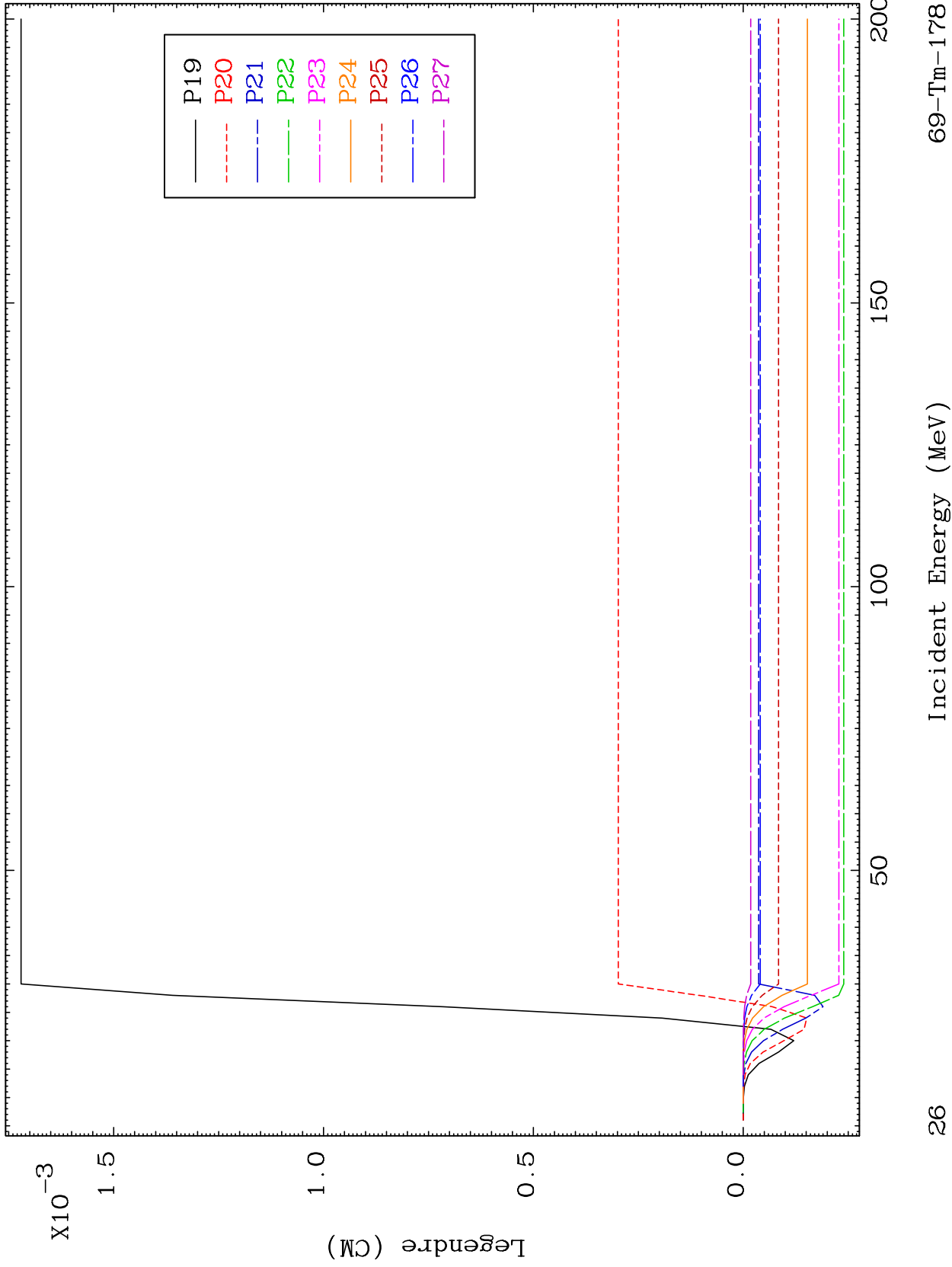


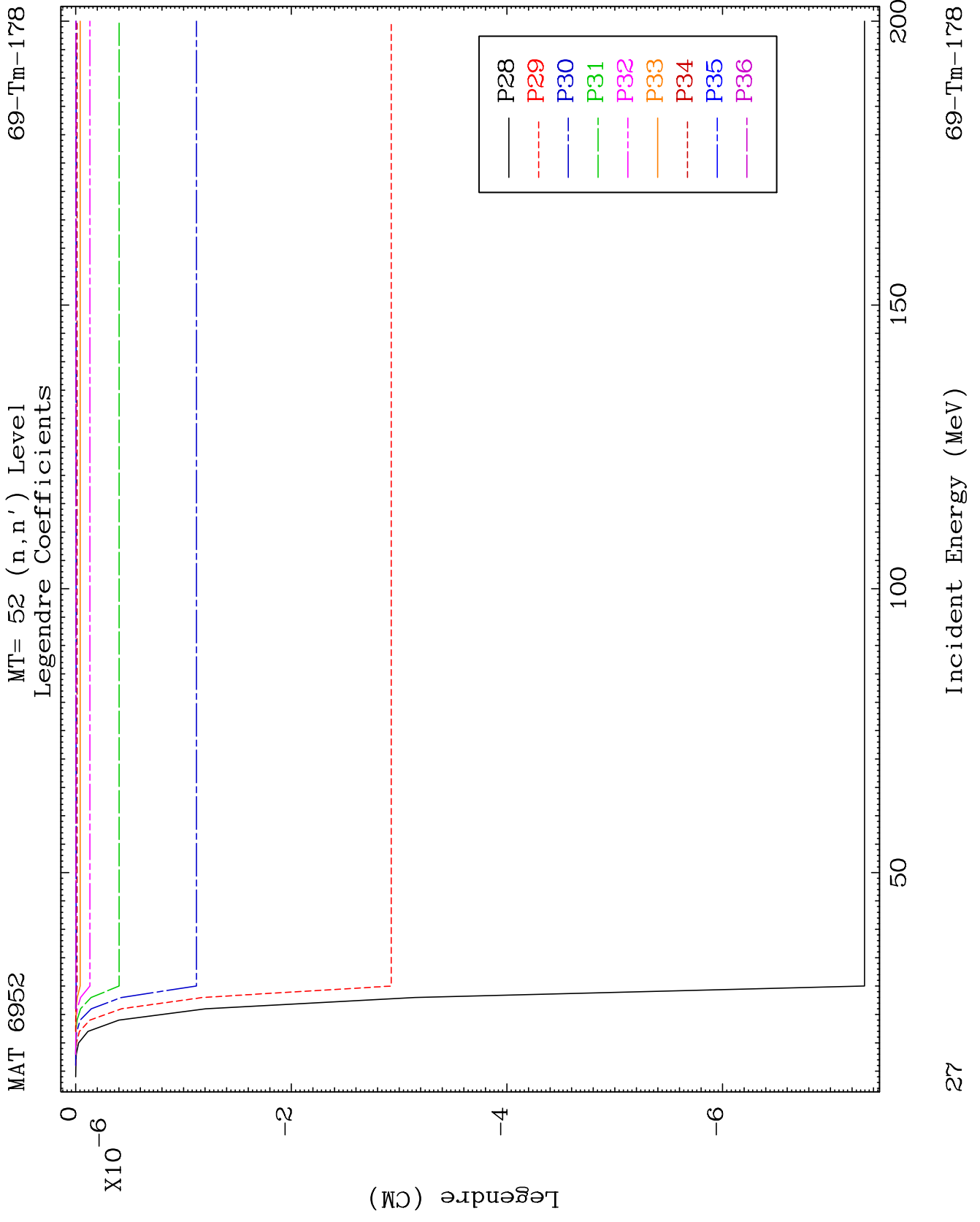
24

Incident Energy (MeV)

69-Tm-178



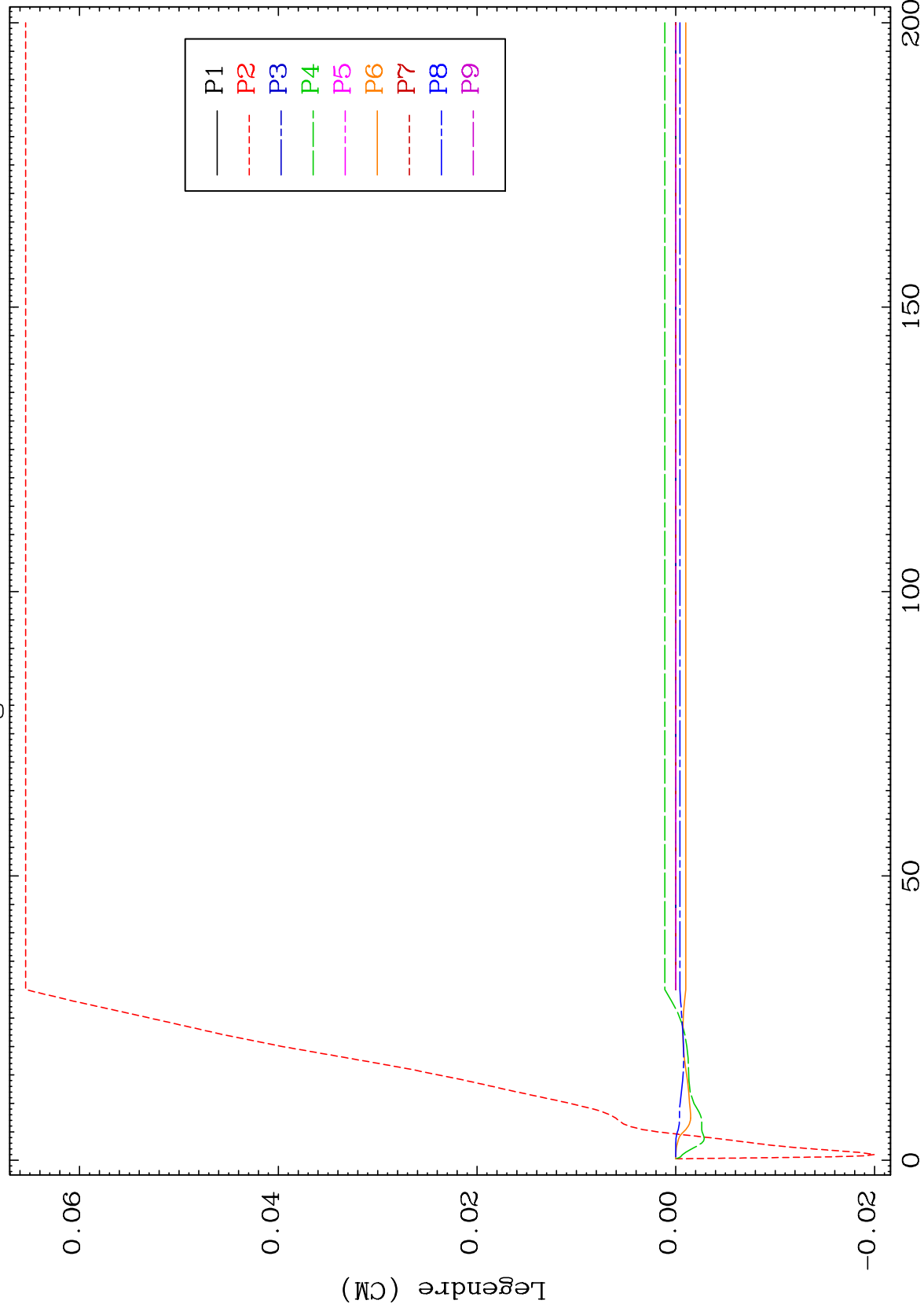




MAT 6952

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

69-Tm-178



69-Tm-178

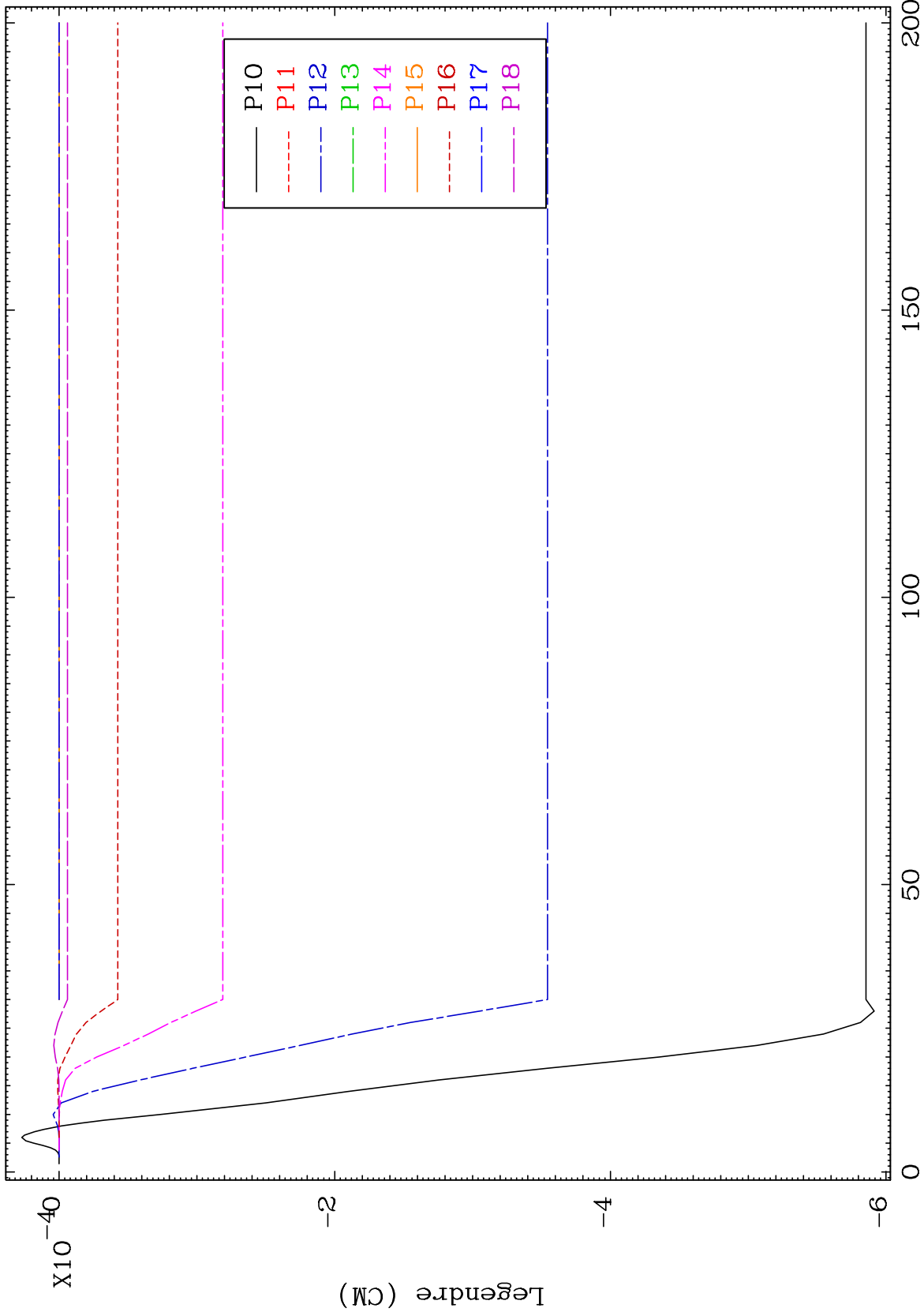
Incident Energy (MeV)

28

MAT 6952

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

69-Tm-178



29

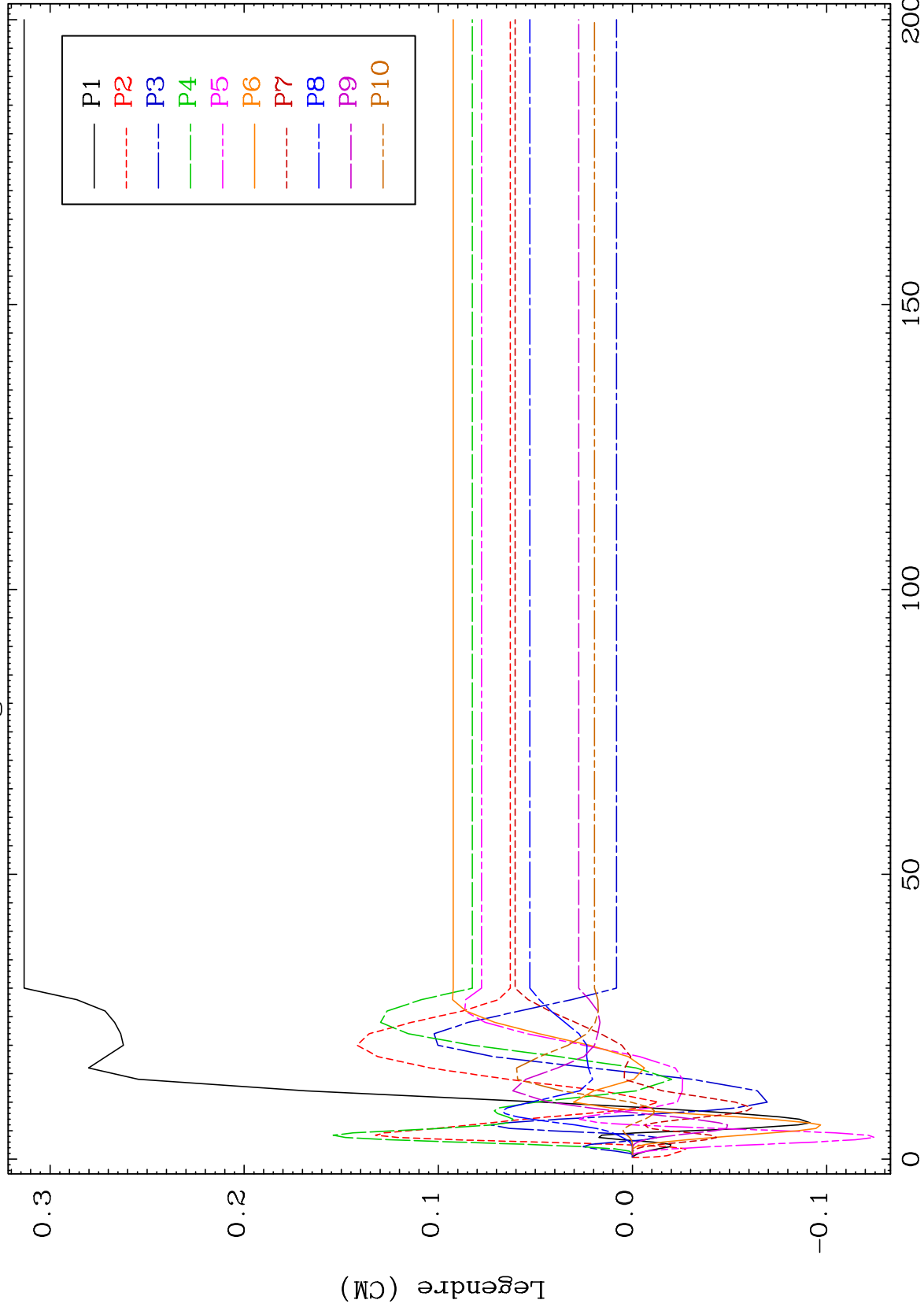
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



31

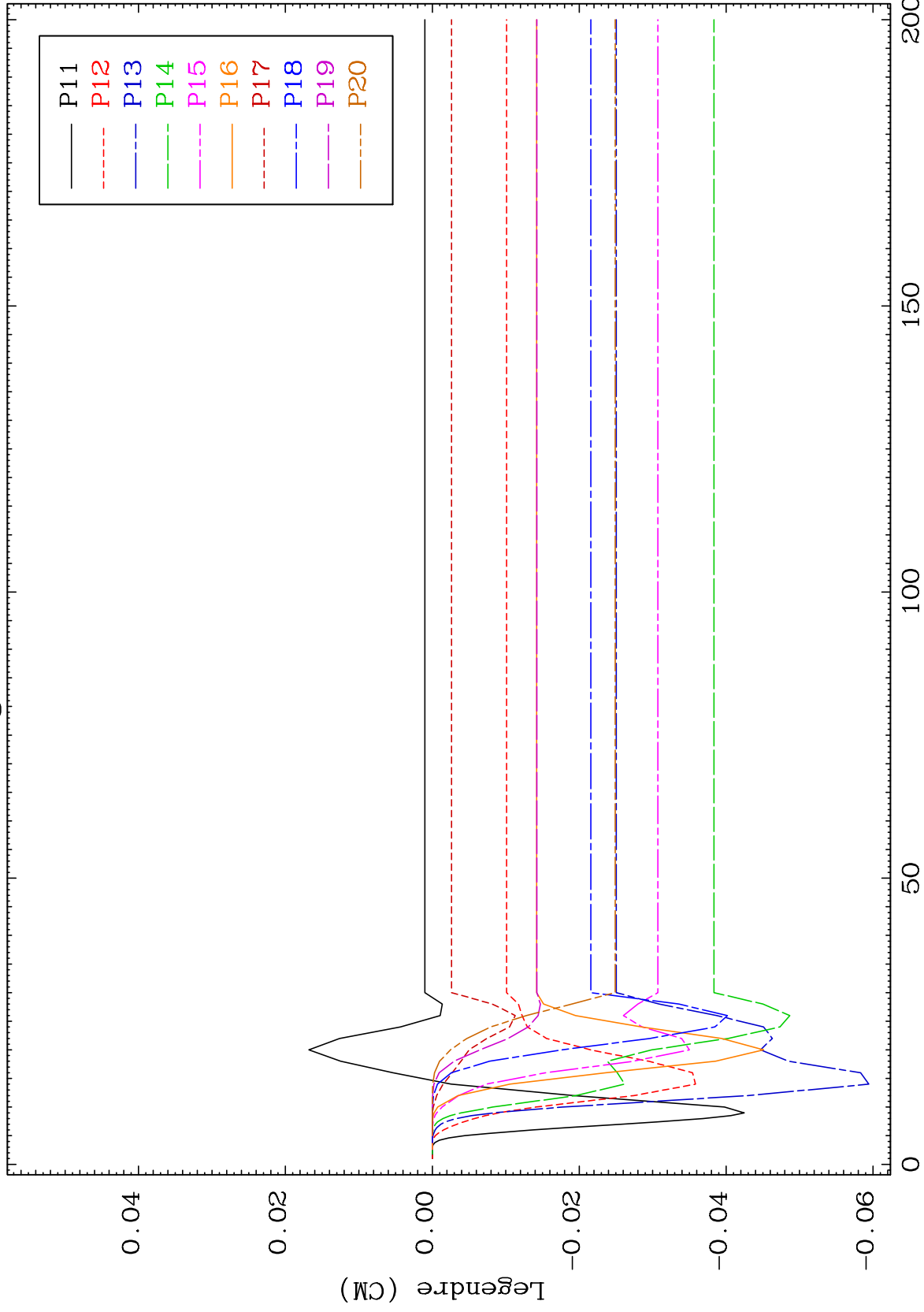
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

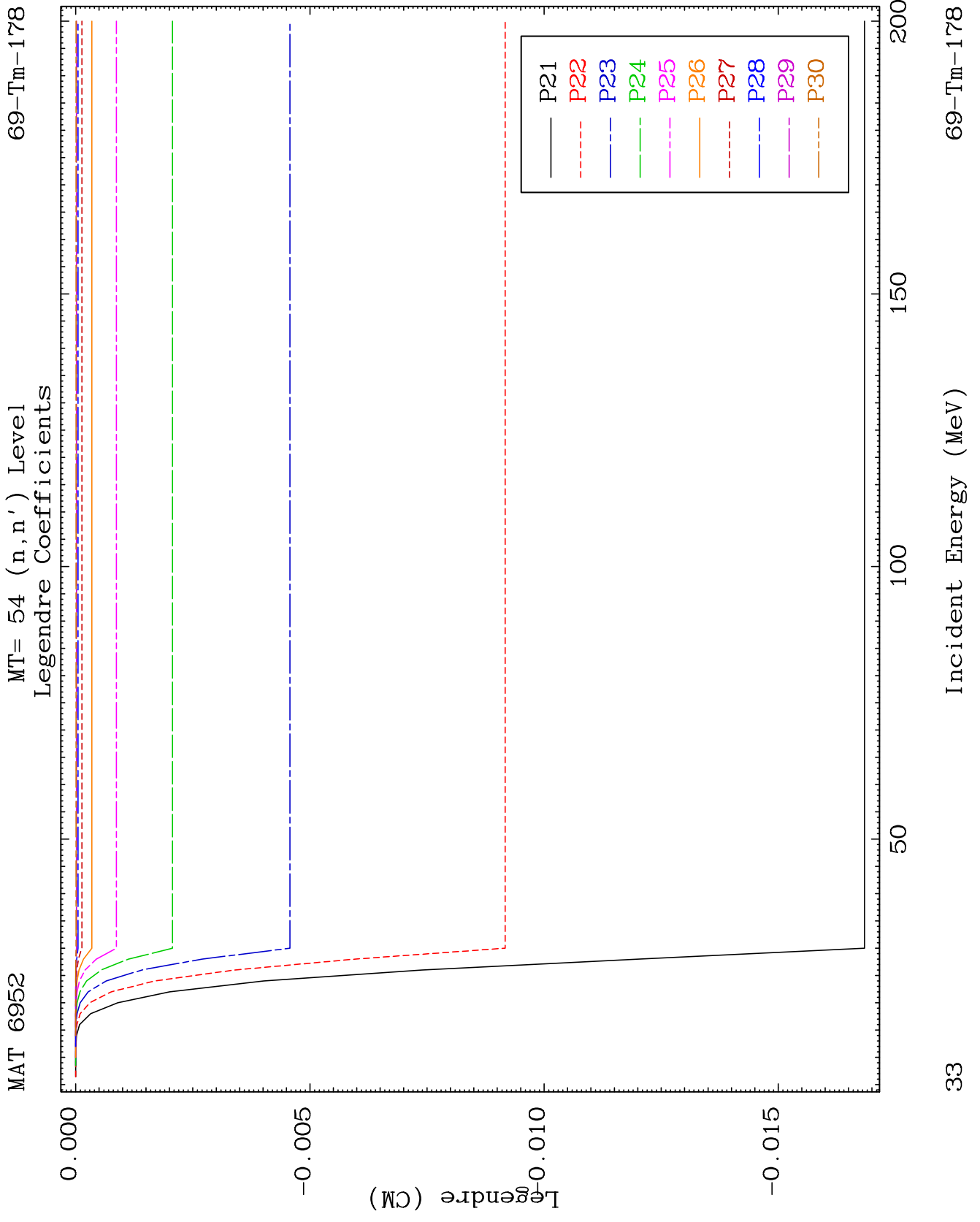
69-Tm-178

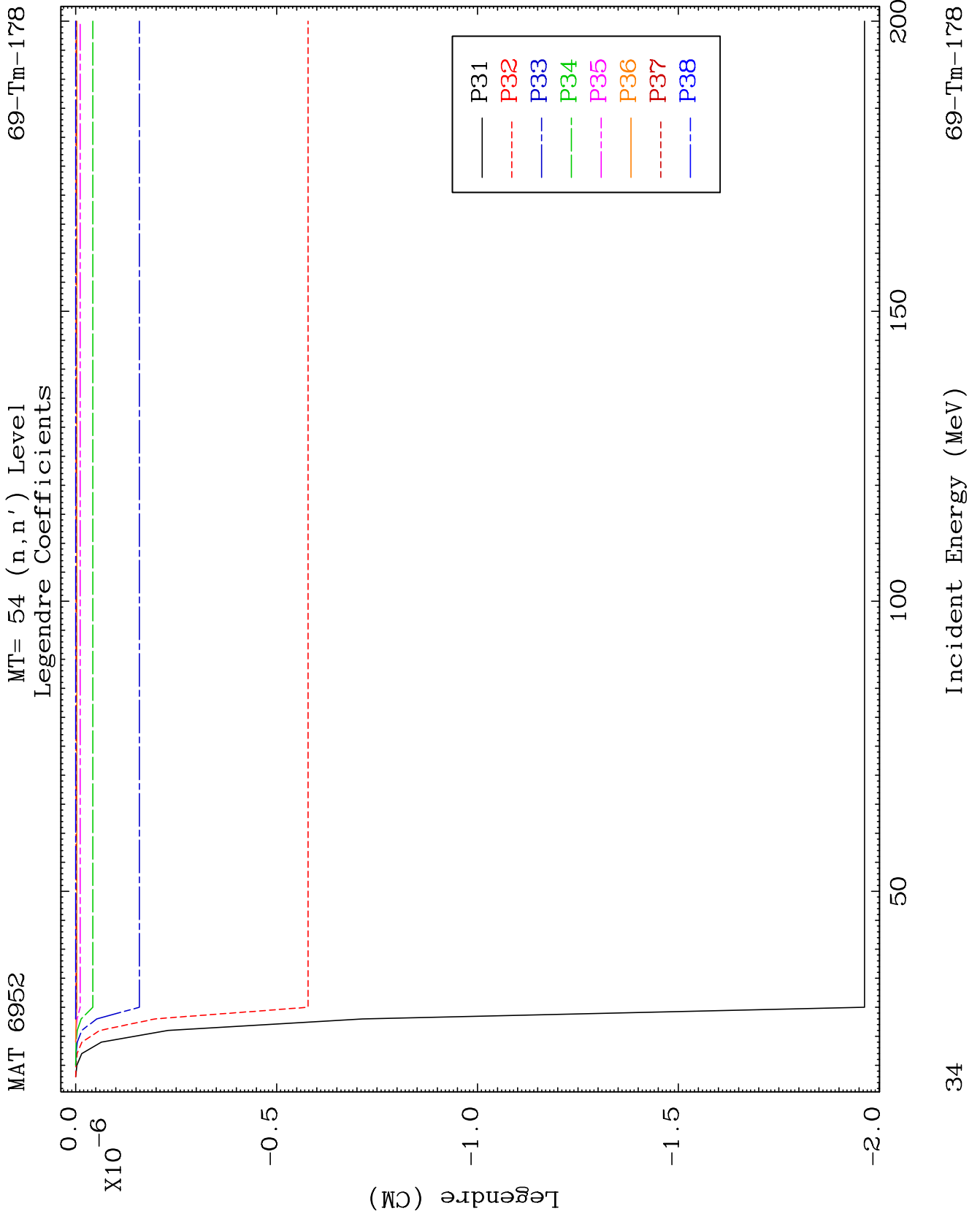


32

Incident Energy (MeV)

69-Tm-178

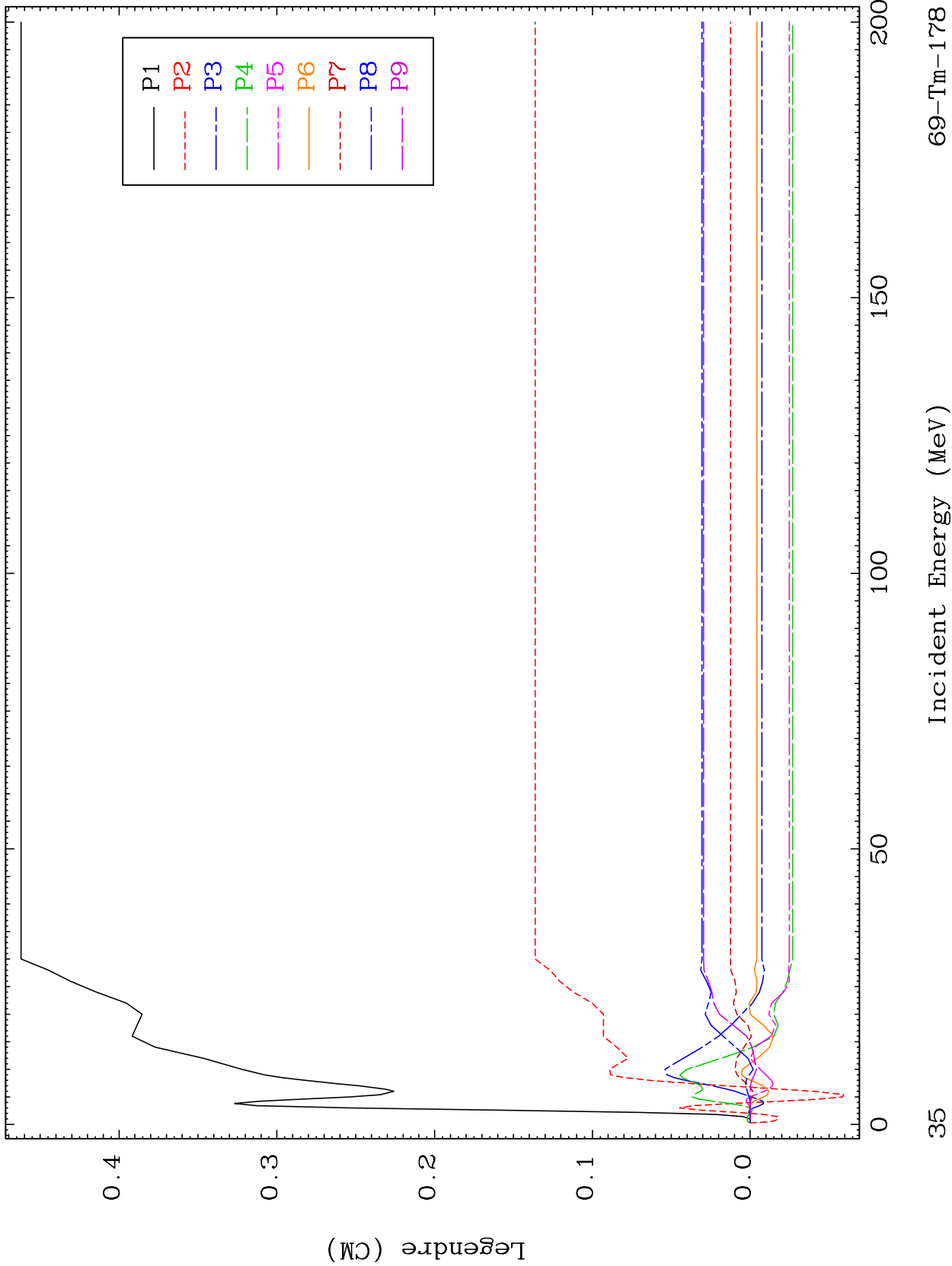




MAT 6952

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

69-Tm-178



69-Tm-178

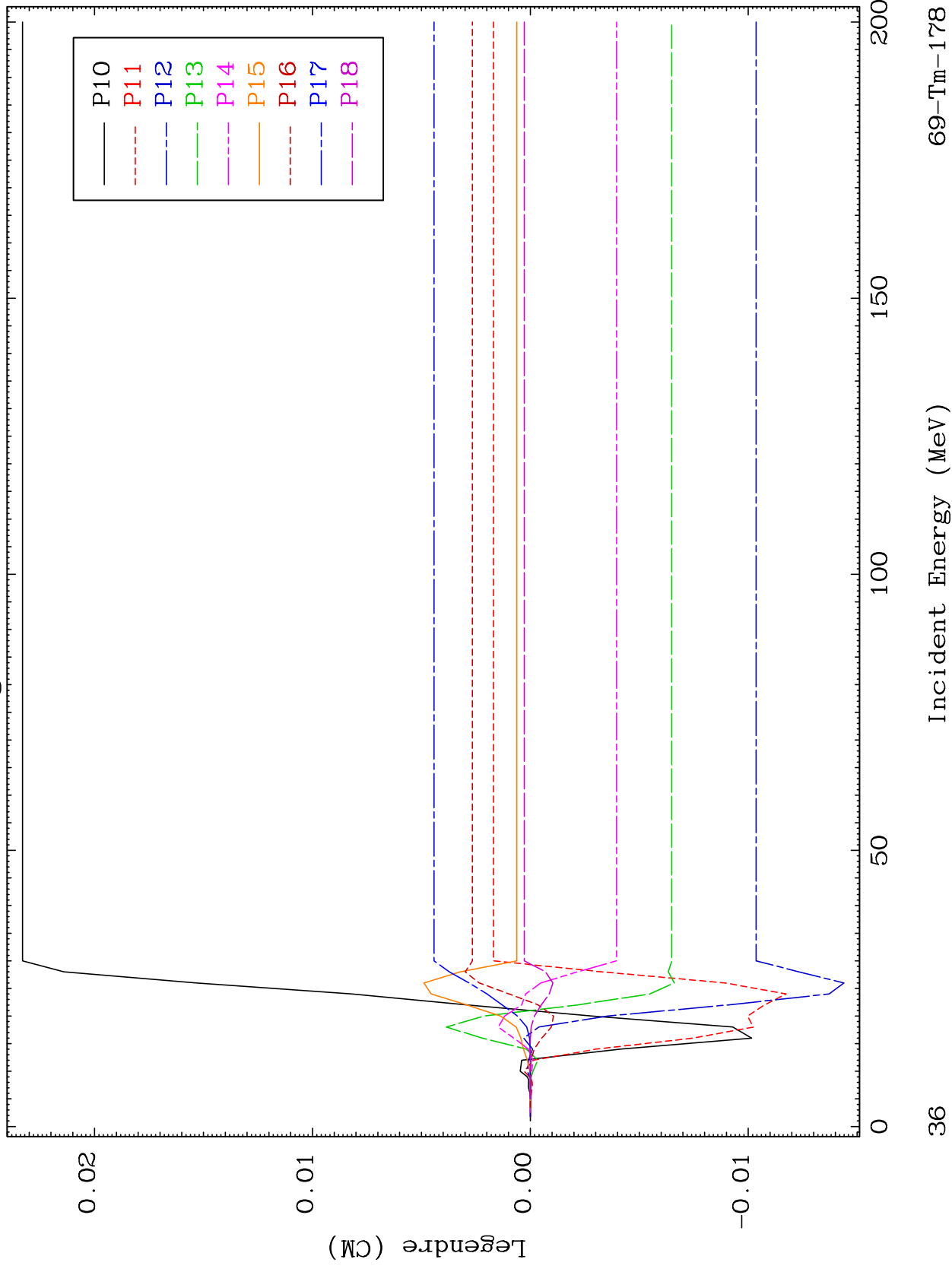
Incident Energy (MeV)

35

MAT 6952

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

69-Tm-178



36

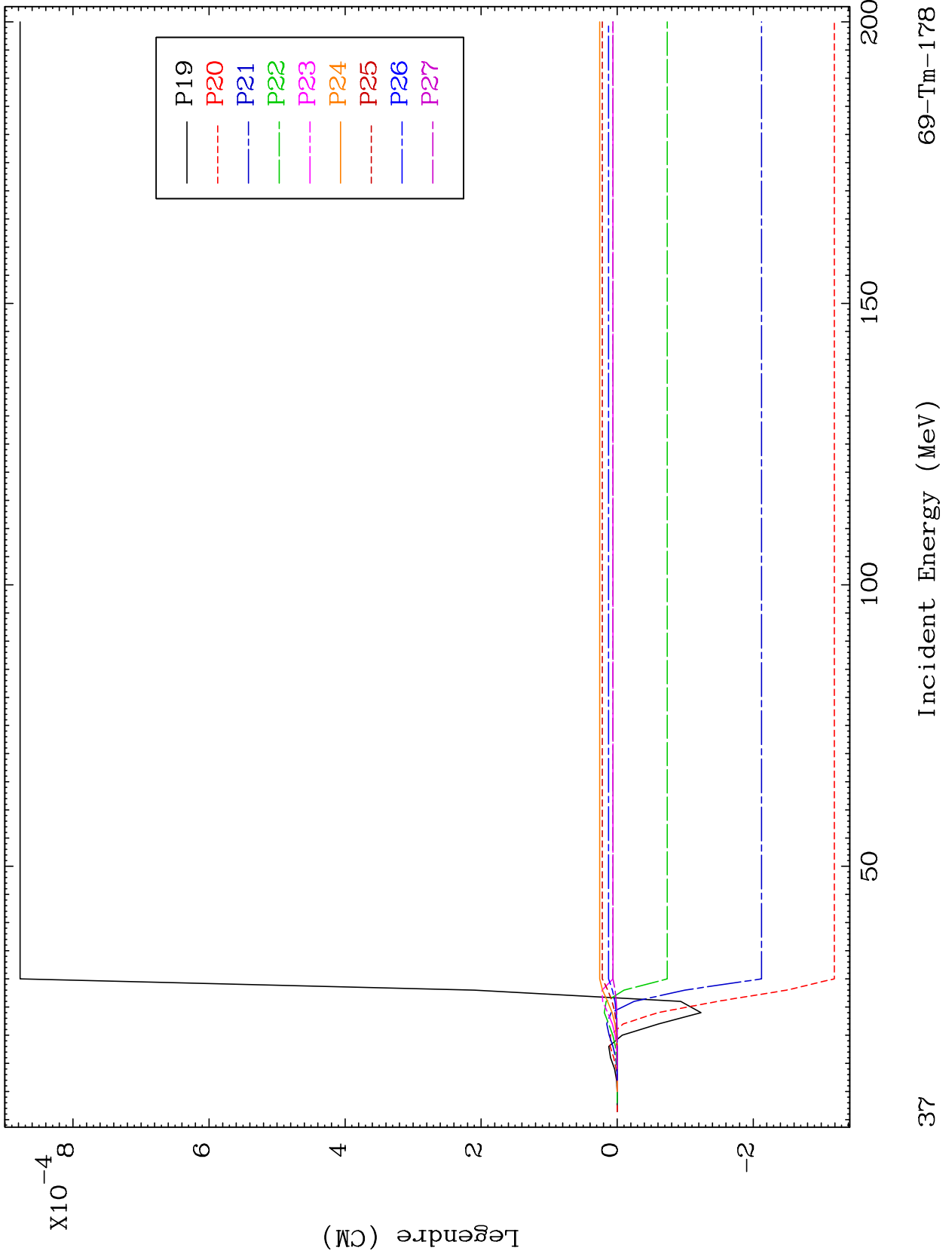
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

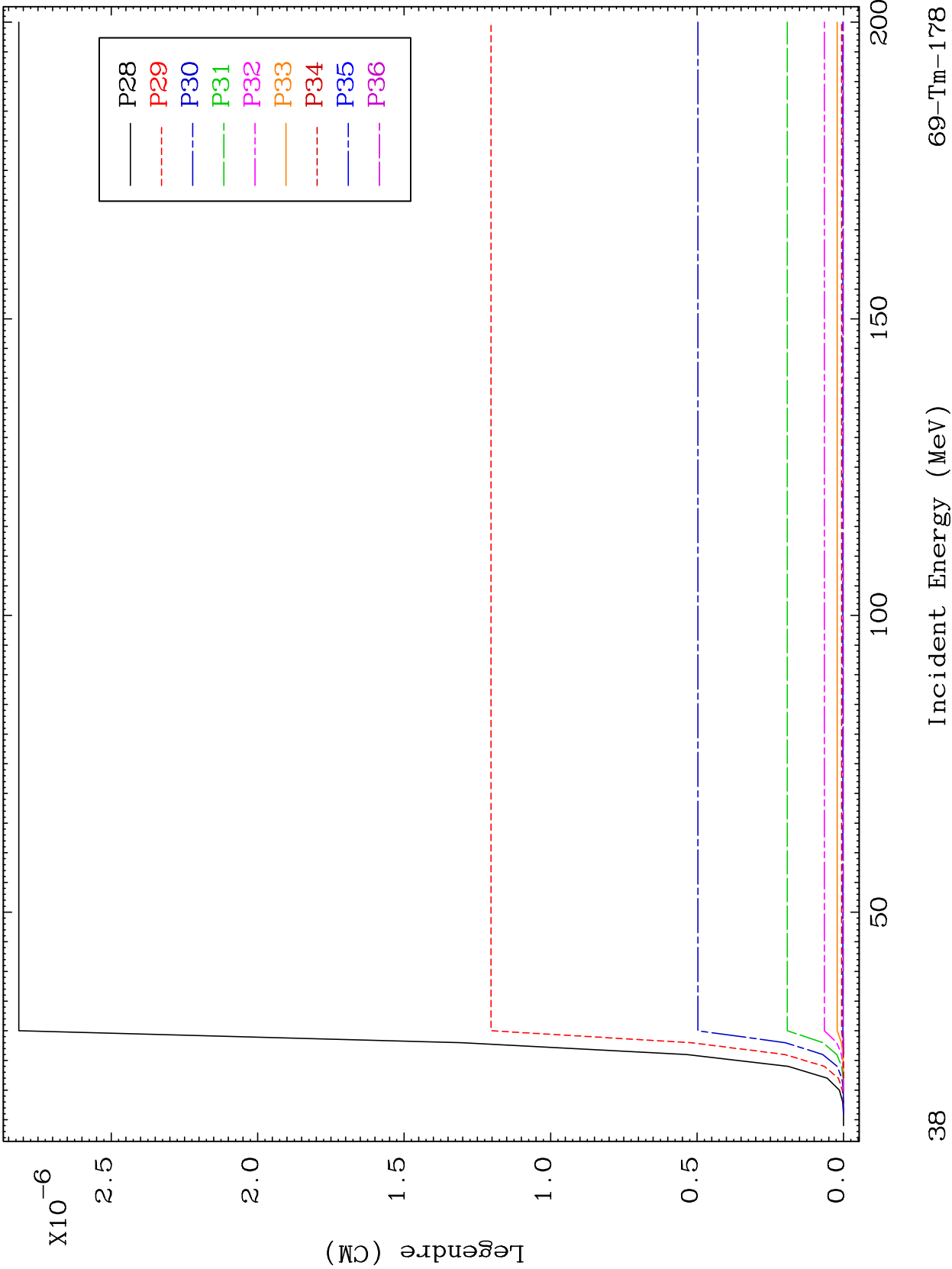
69-Tm-178



MAT 6952

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

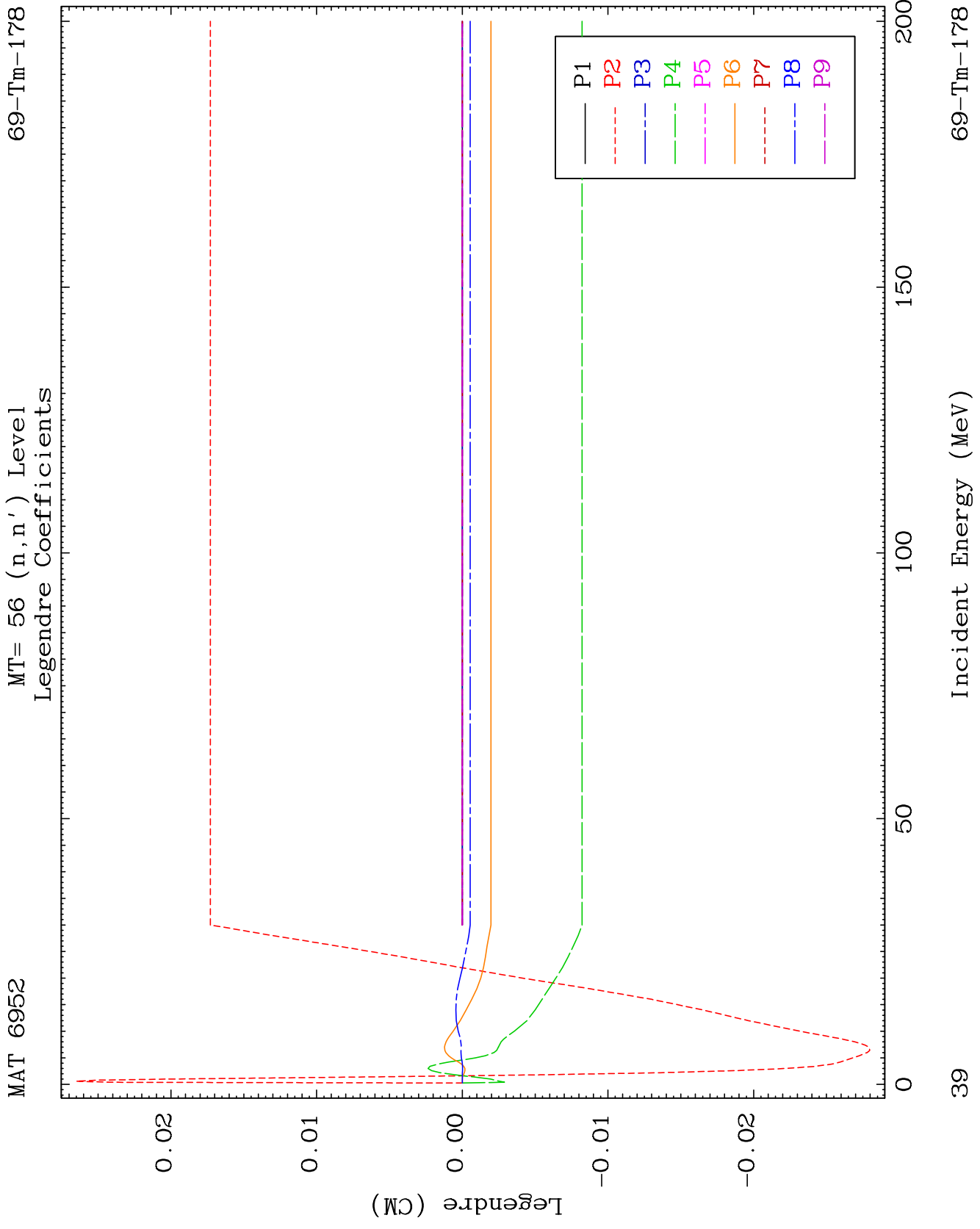
69-Tm-178



38

Incident Energy (MeV)

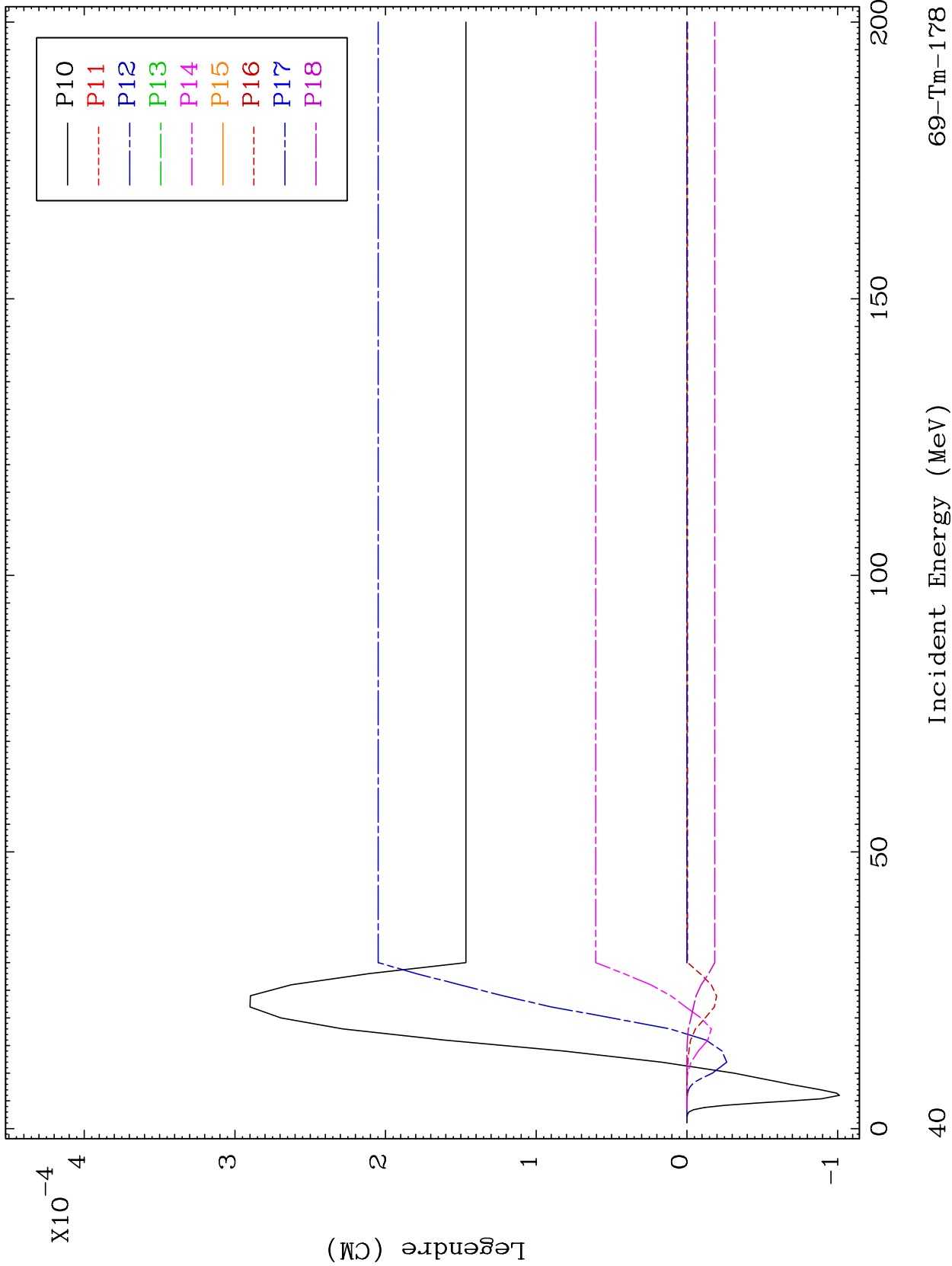
69-Tm-178



MAT 6952

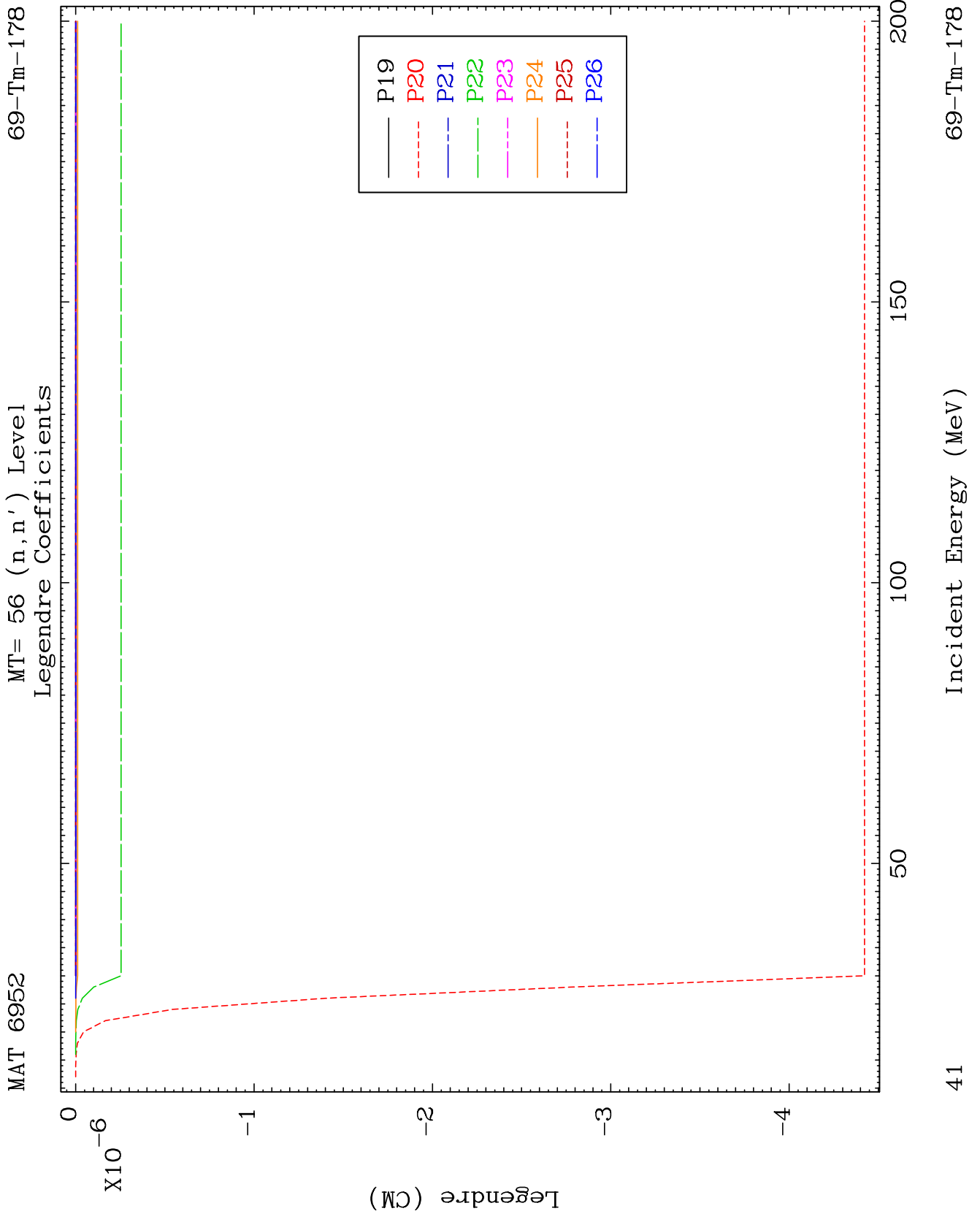
MT= 56 (n,n') Level
Legendre Coefficients

69-Tm-178



69-Tm-178

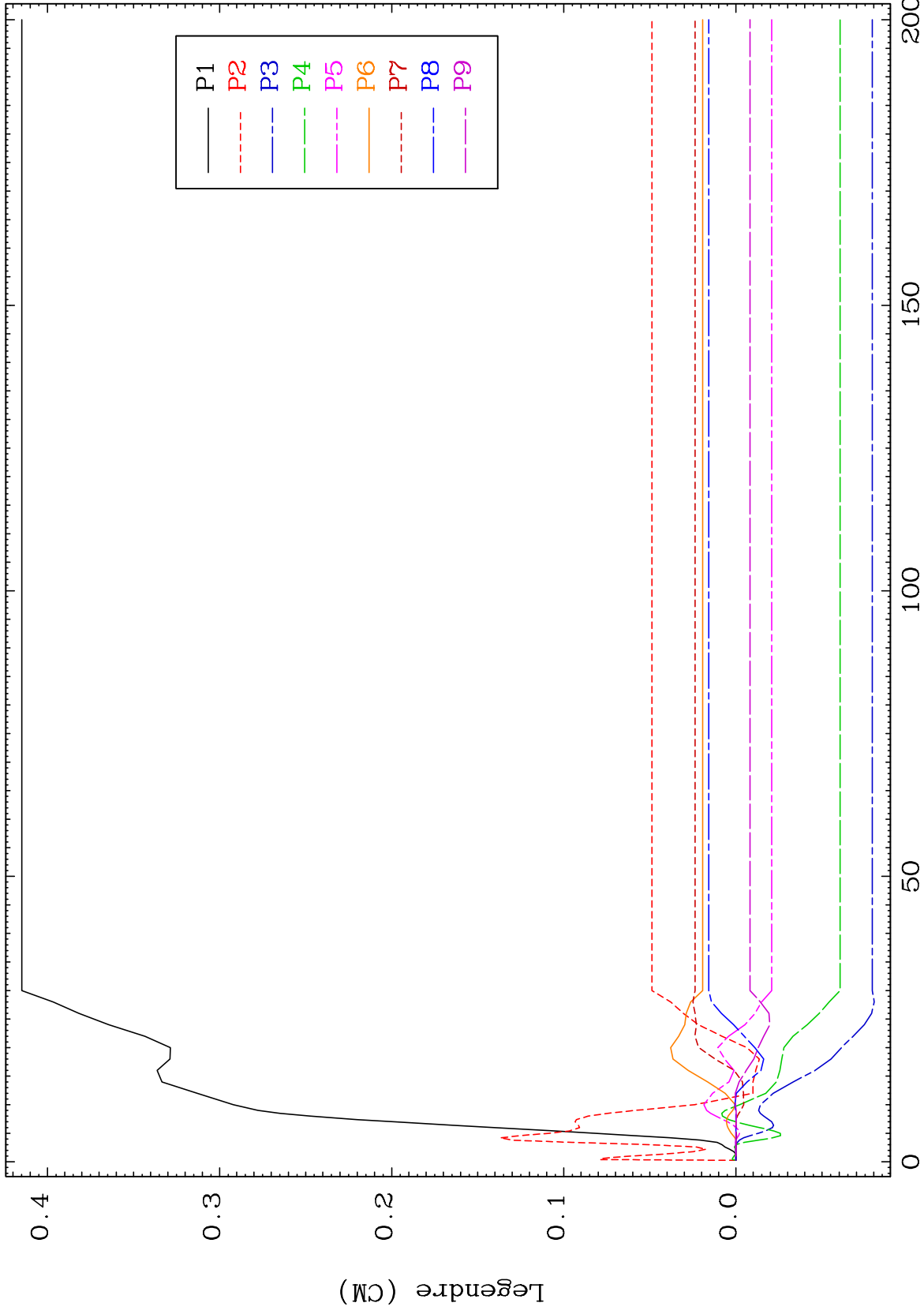
Incident Energy (MeV)



MAT 6952

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

69-Tm-178



42

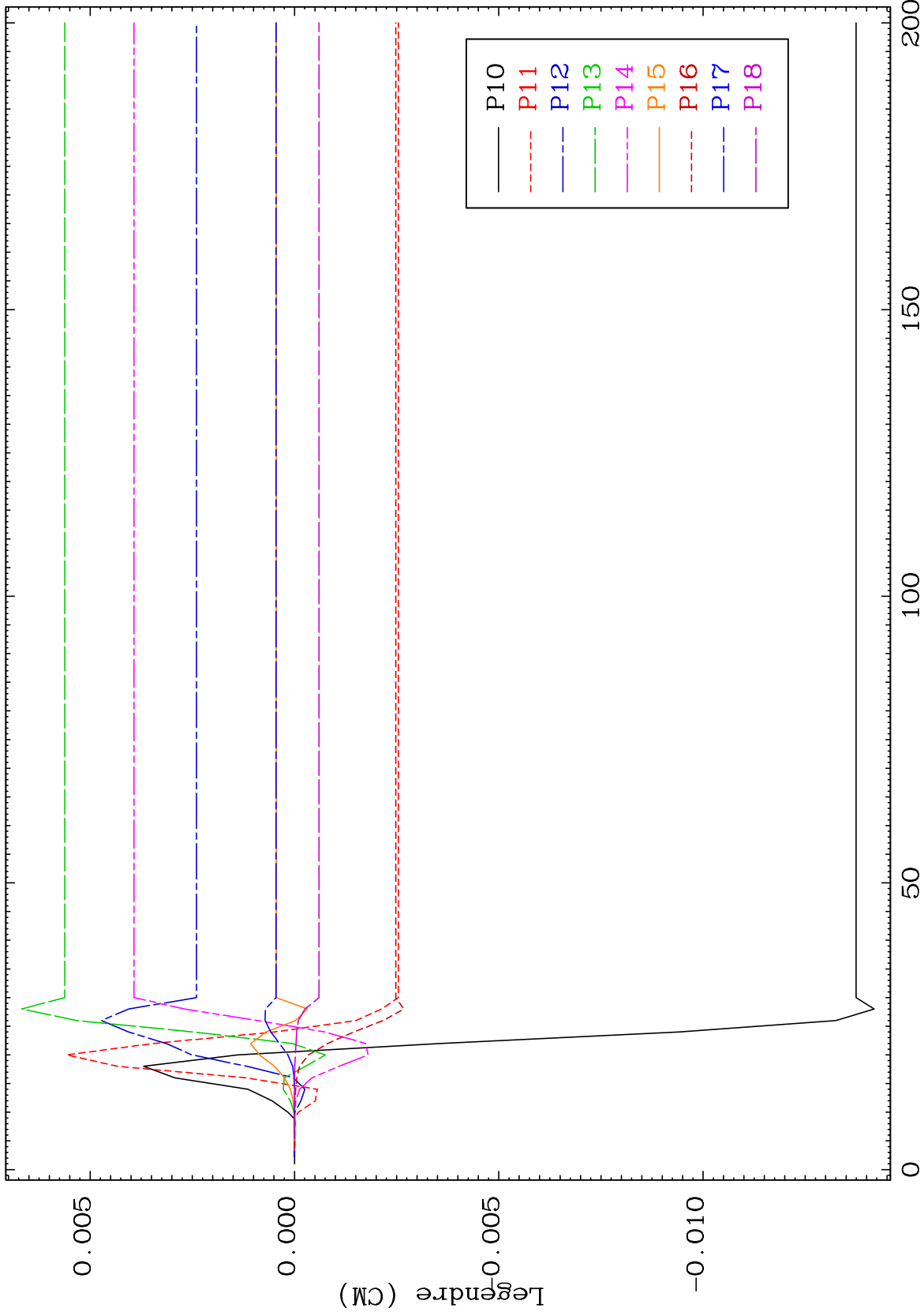
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



43

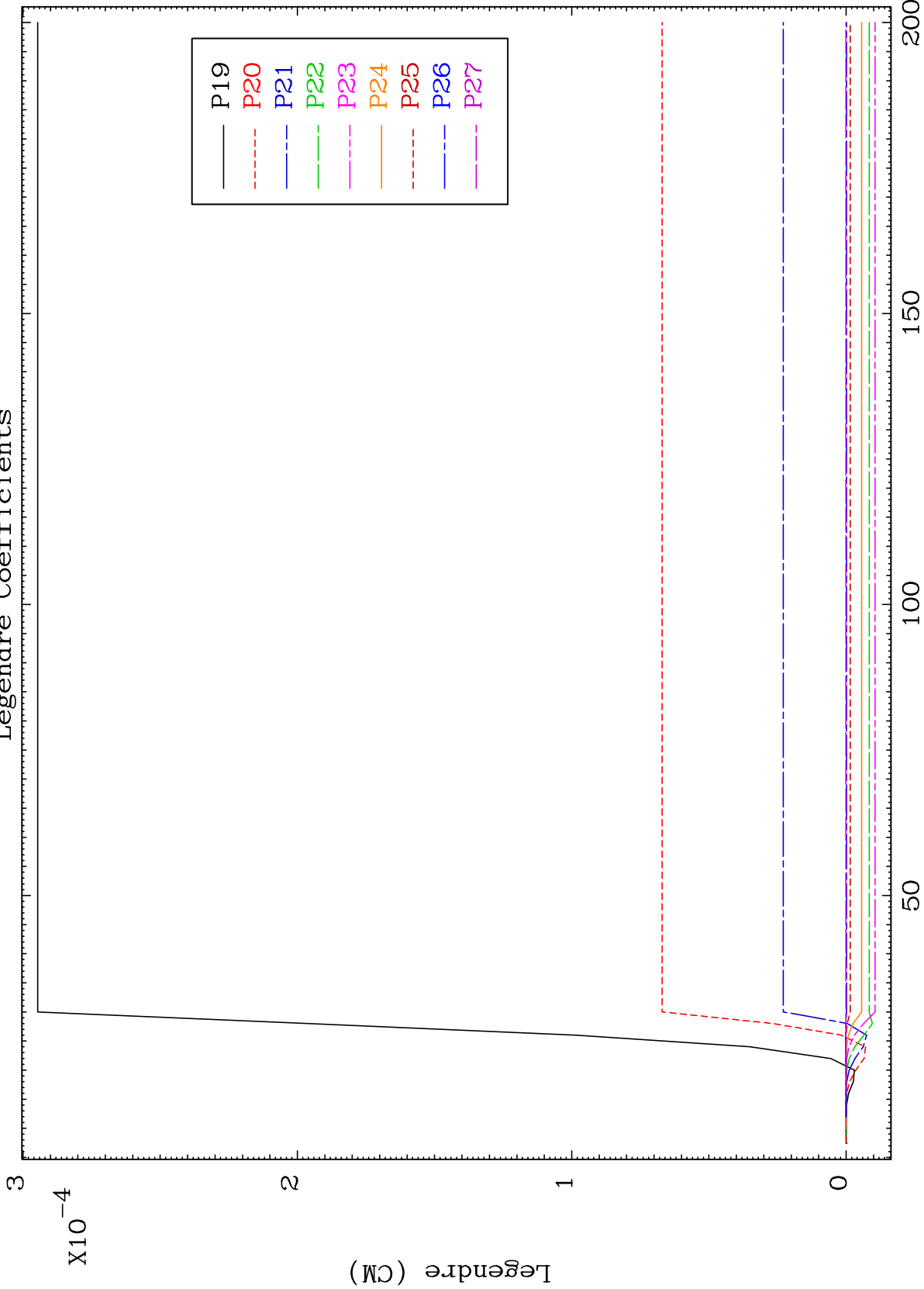
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



44

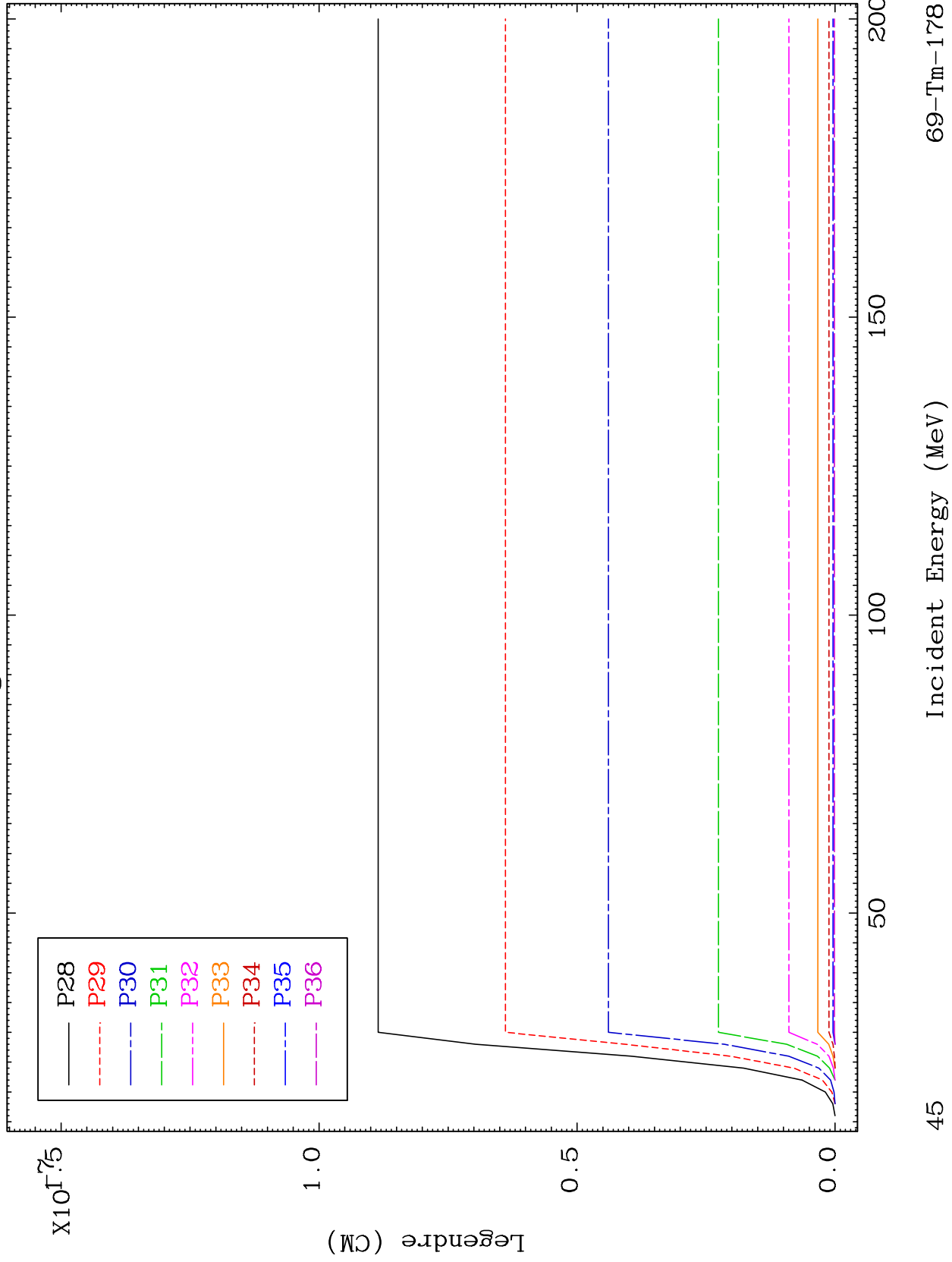
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

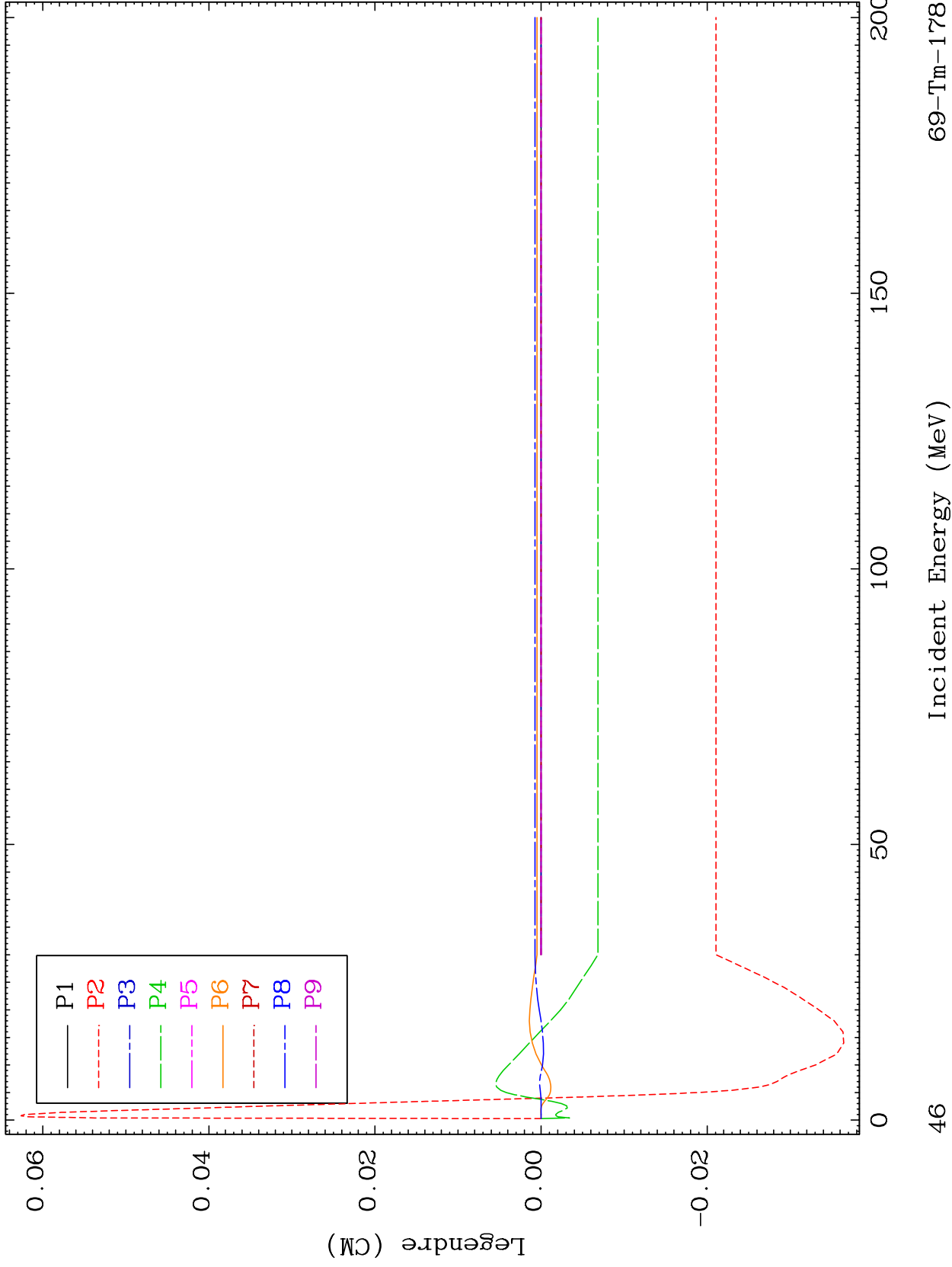
69-Tm-178



MAT 6952

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

69-Tm-178



69-Tm-178

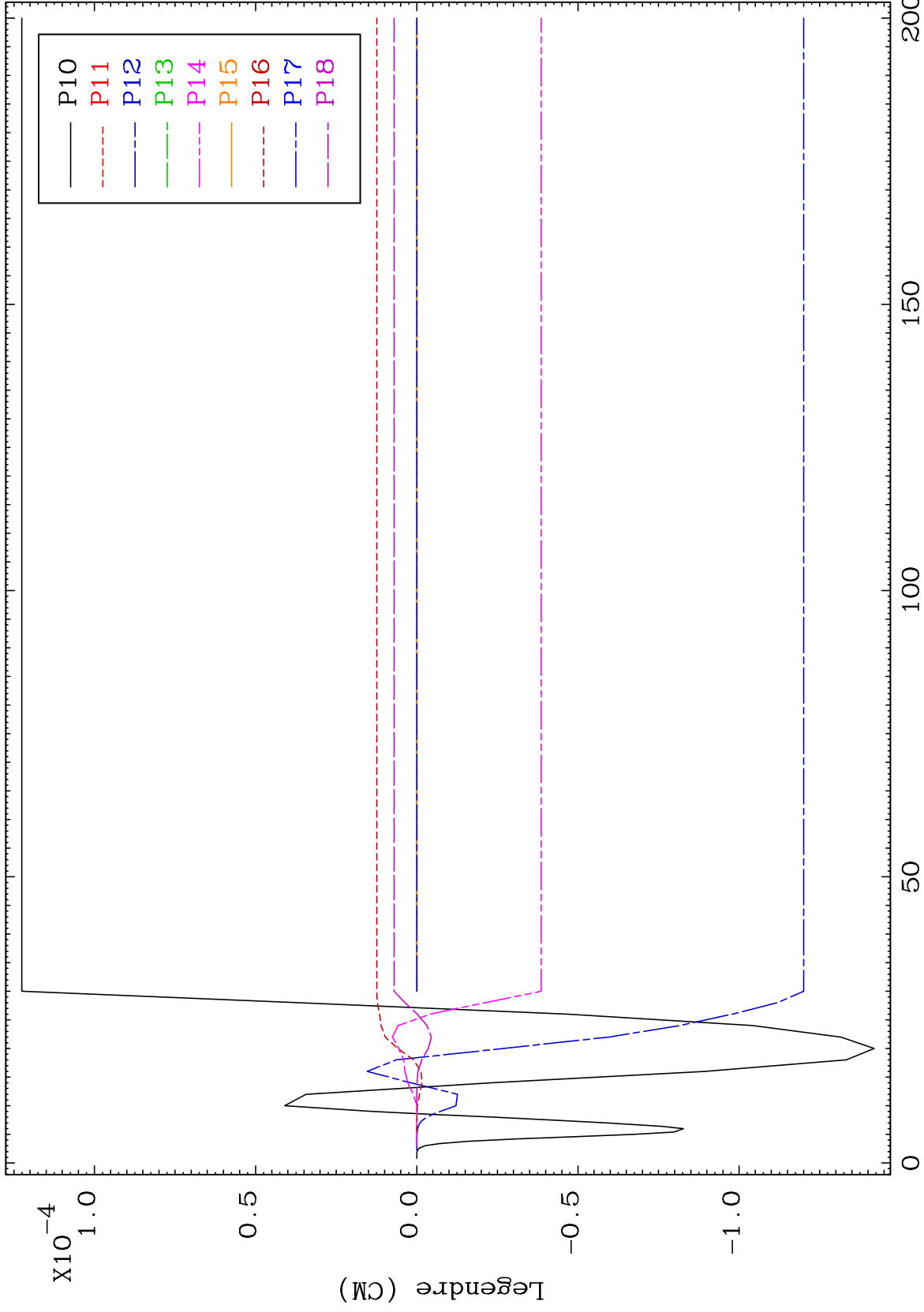
Incident Energy (MeV)

46

MAT 6952

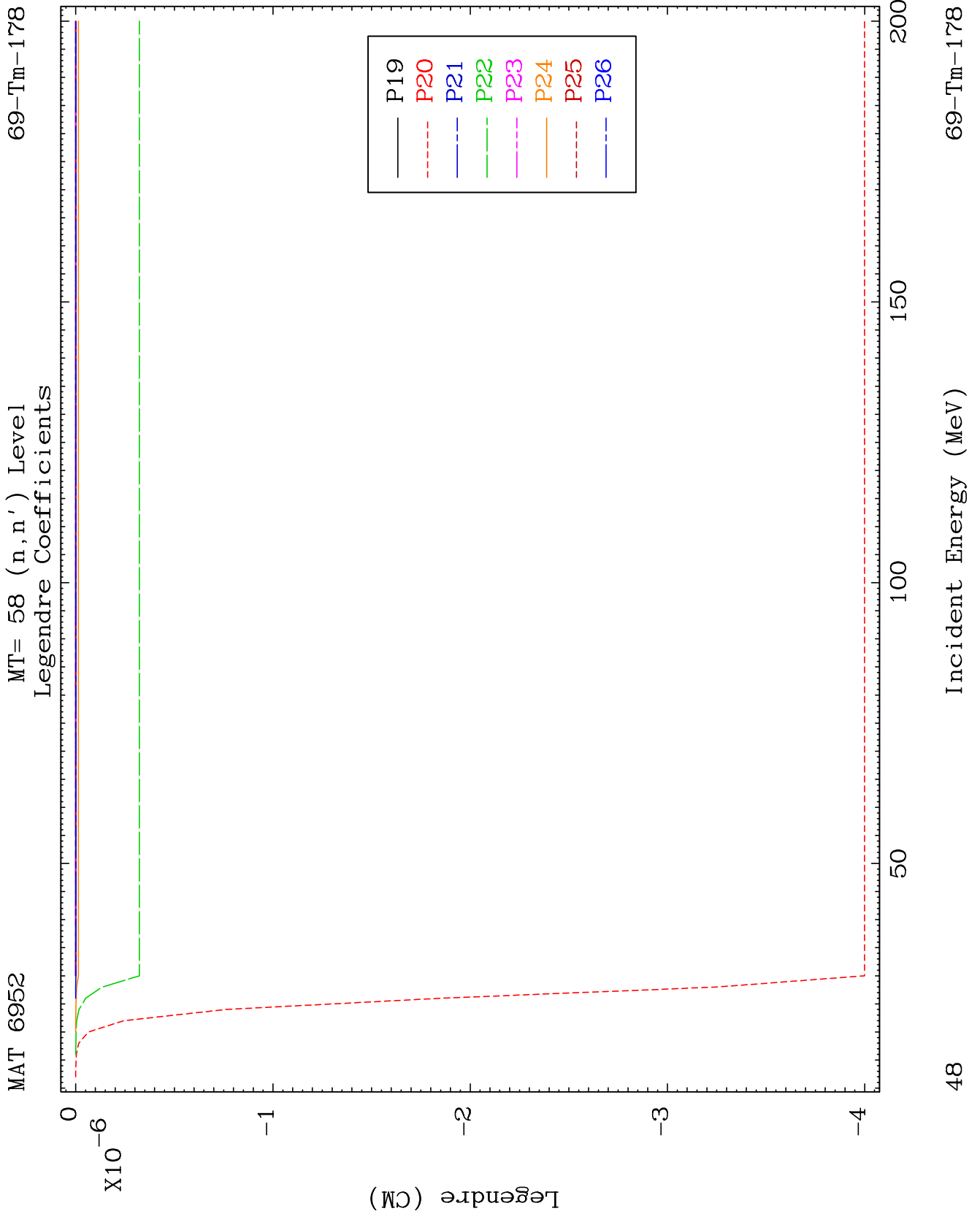
MT= 58 (n,n') Level
Legendre Coefficients

69-Tm-178



47

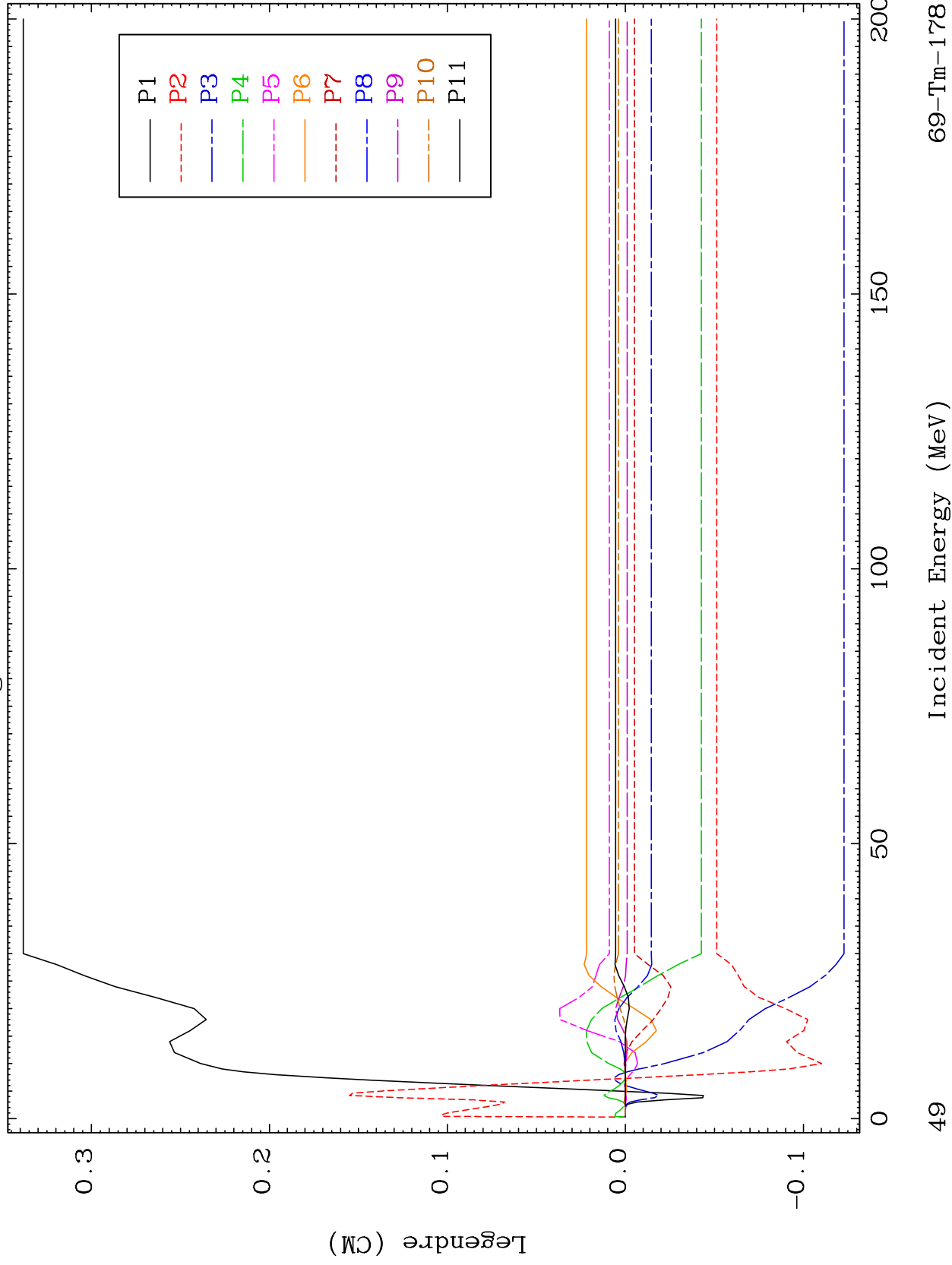
69-Tm-178



MAT 6952

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

69-Tm-178



69-Tm-178

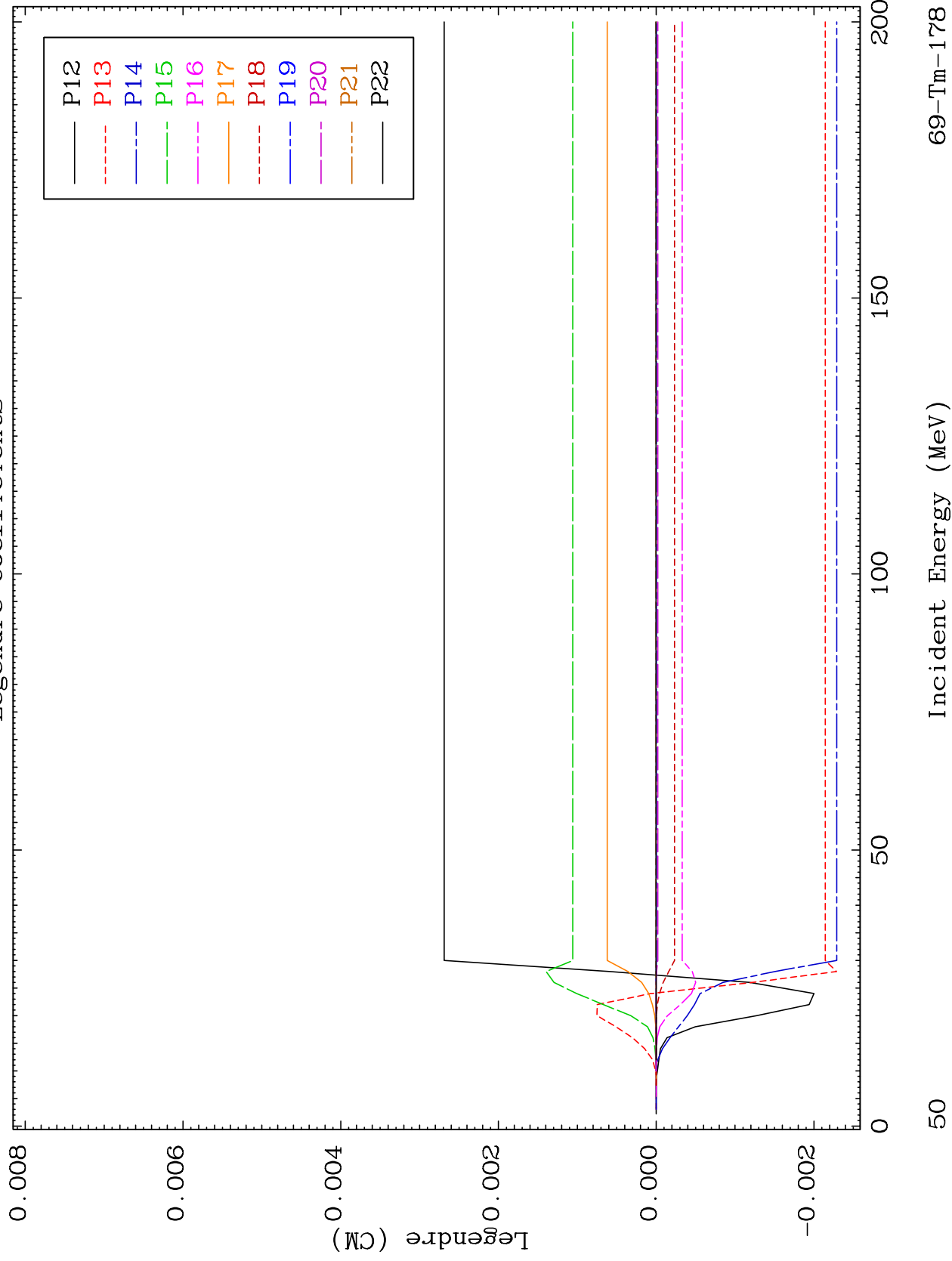
Incident Energy (MeV)

49

MAT 6952

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

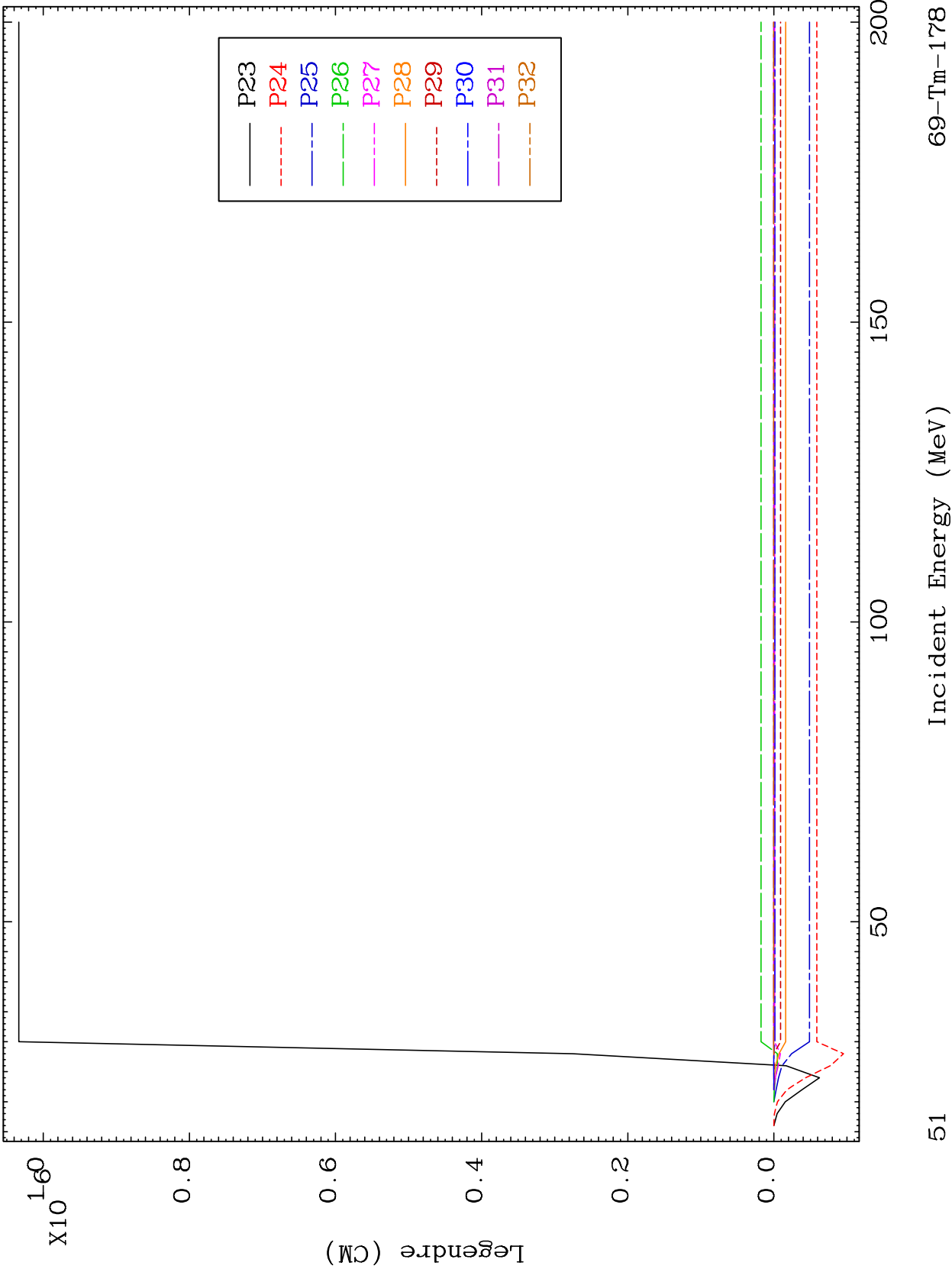
69-Tm-178



69-Tm-178

Incident Energy (MeV)

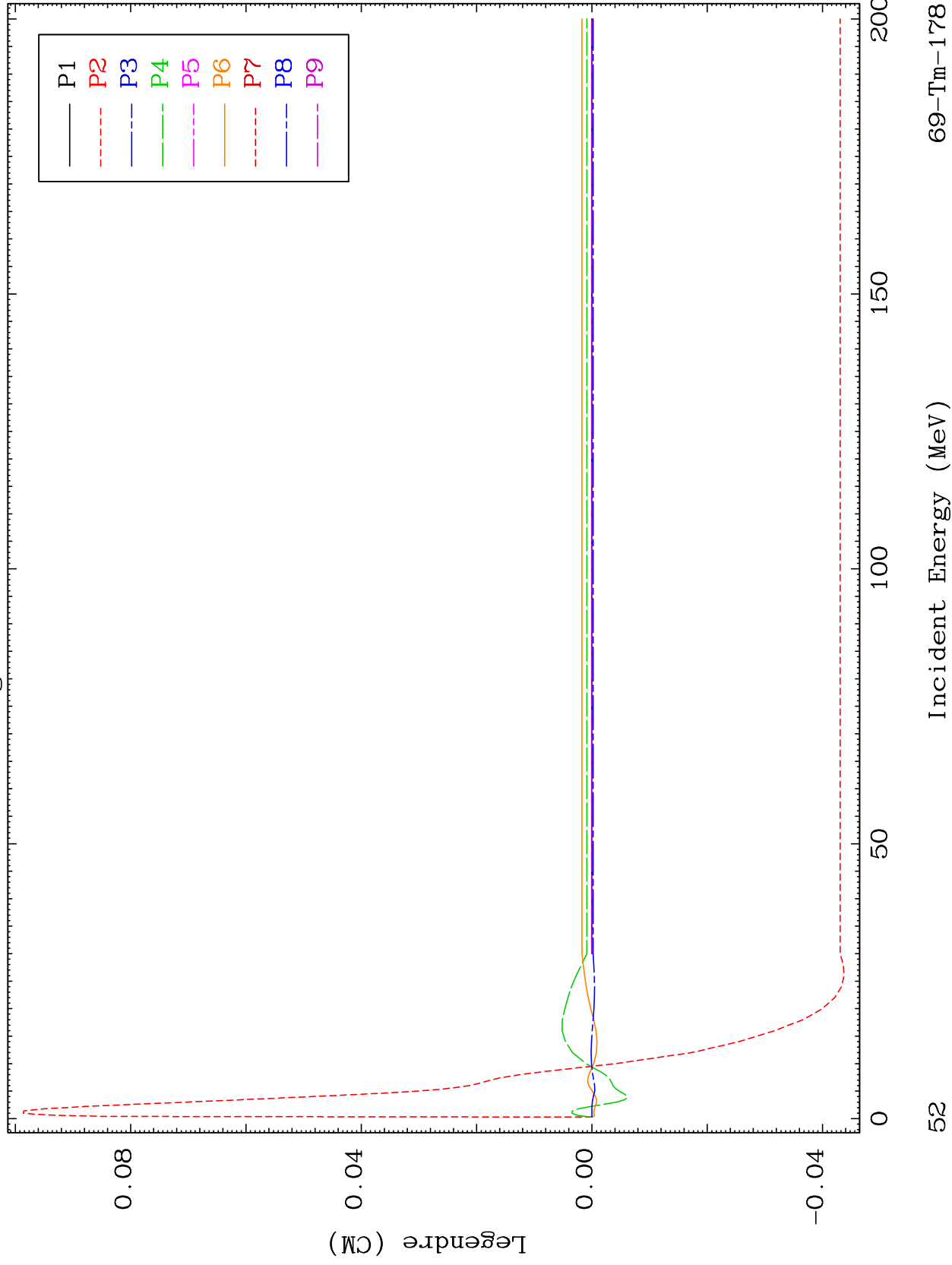
50



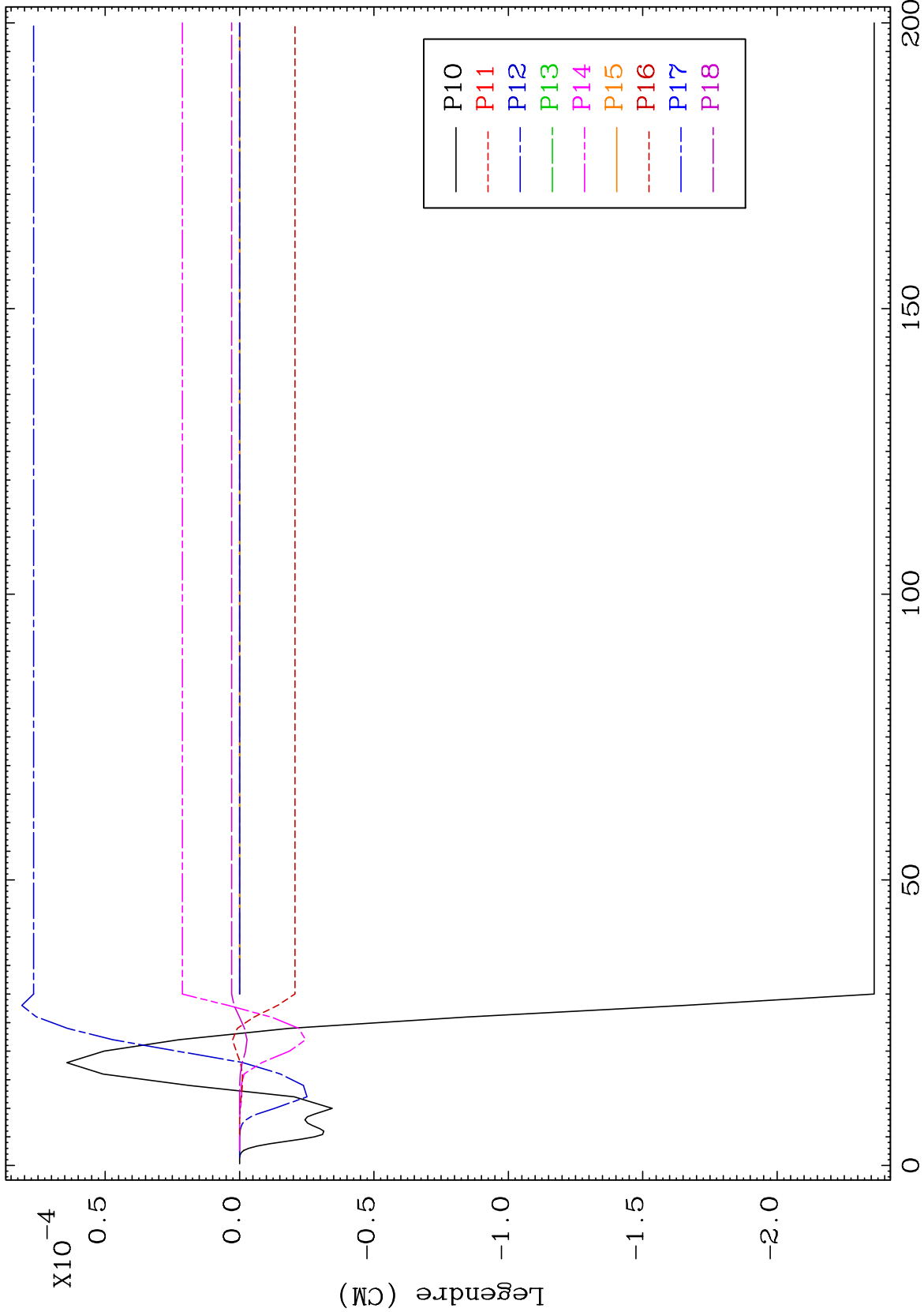
MAT 6952

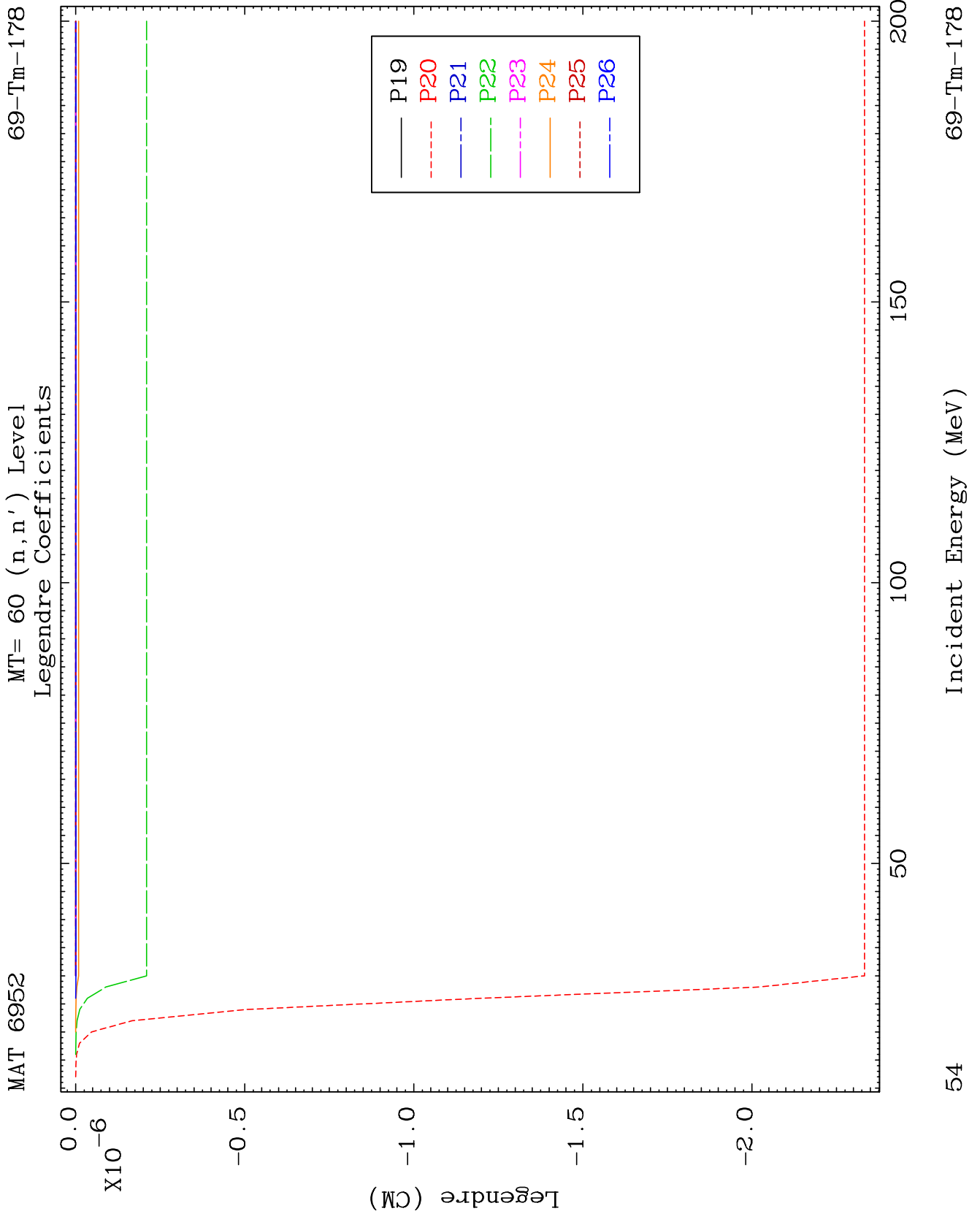
MT= 60 (n,n') Level
Legendre Coefficients

69-Tm-178



52

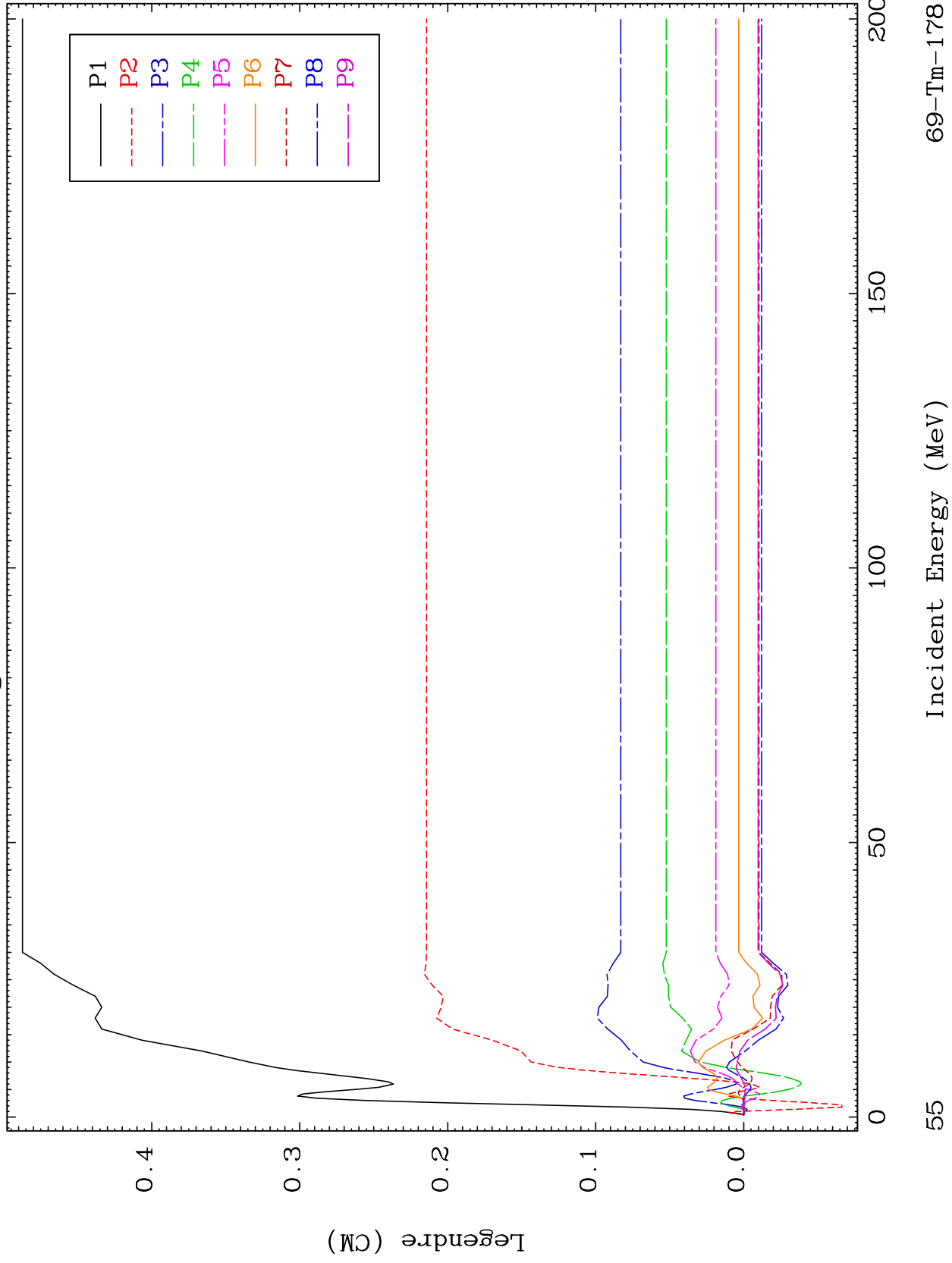




MAT 6952

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

69-Tm-178



69-Tm-178

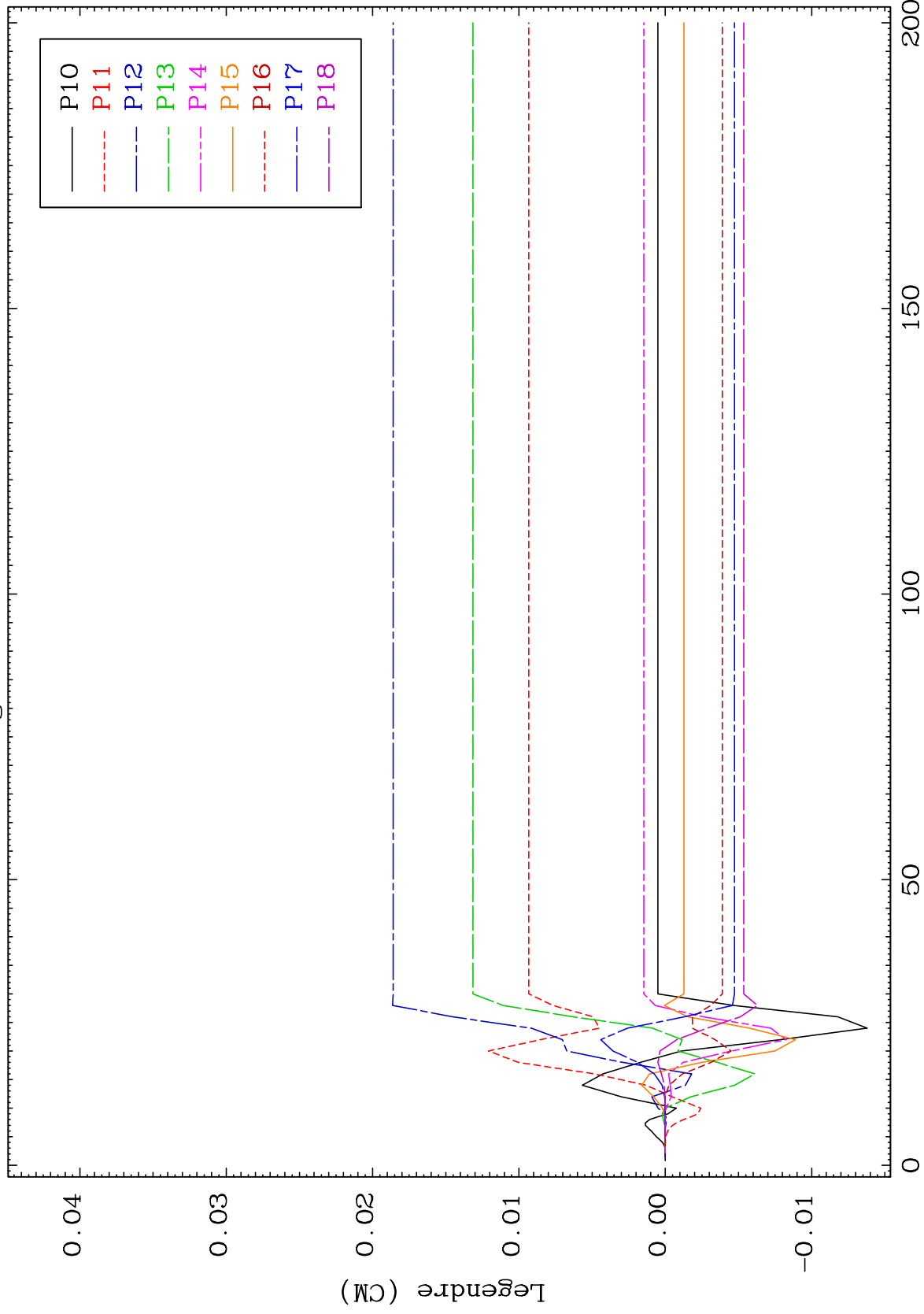
Incident Energy (MeV)

55

MAT 6952

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

69-Tm-178



56

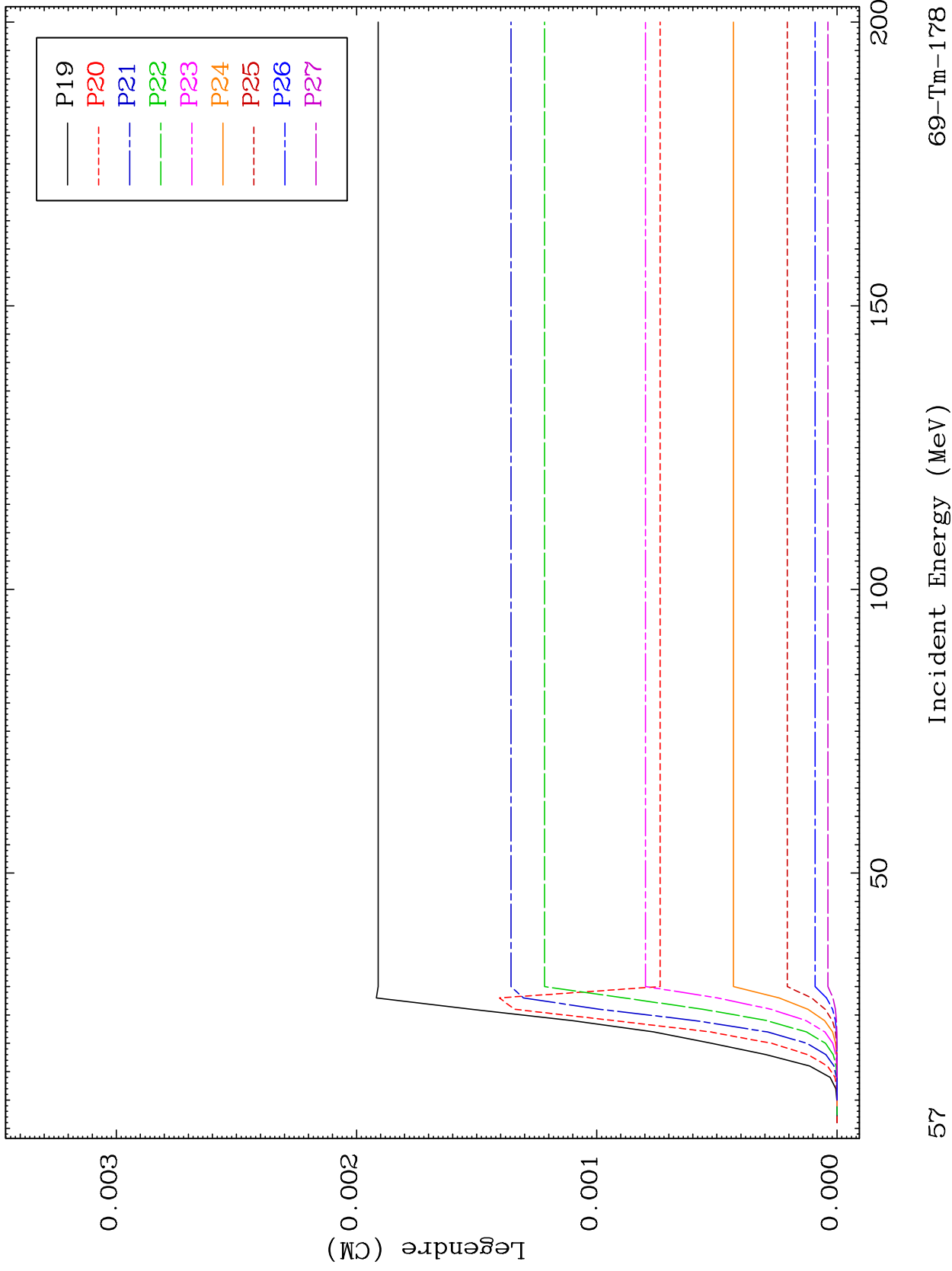
Incident Energy (MeV)

69-Tm-178

MAT 6952

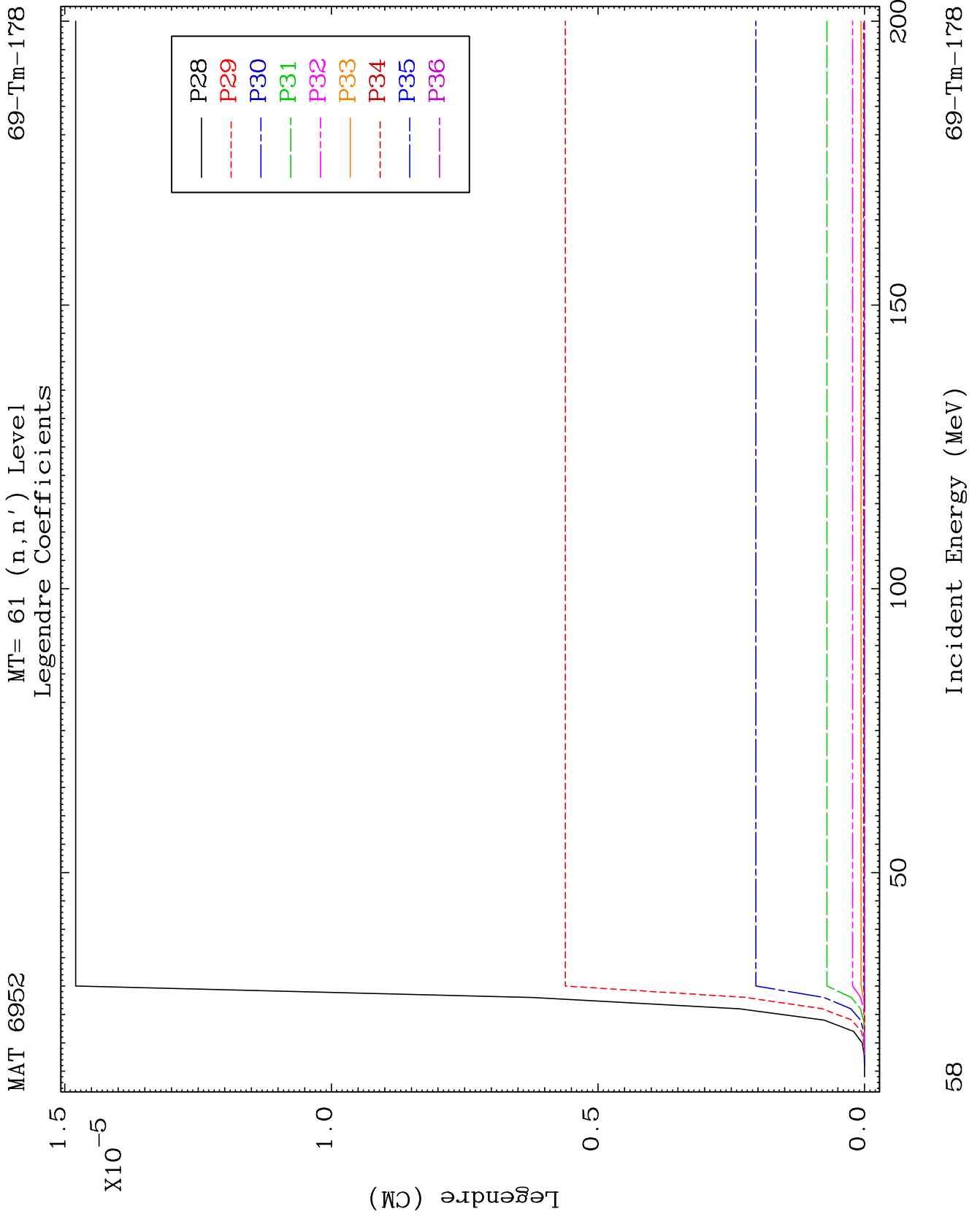
MT= 61 (n,n') Level
Legendre Coefficients

69-Tm-178



57

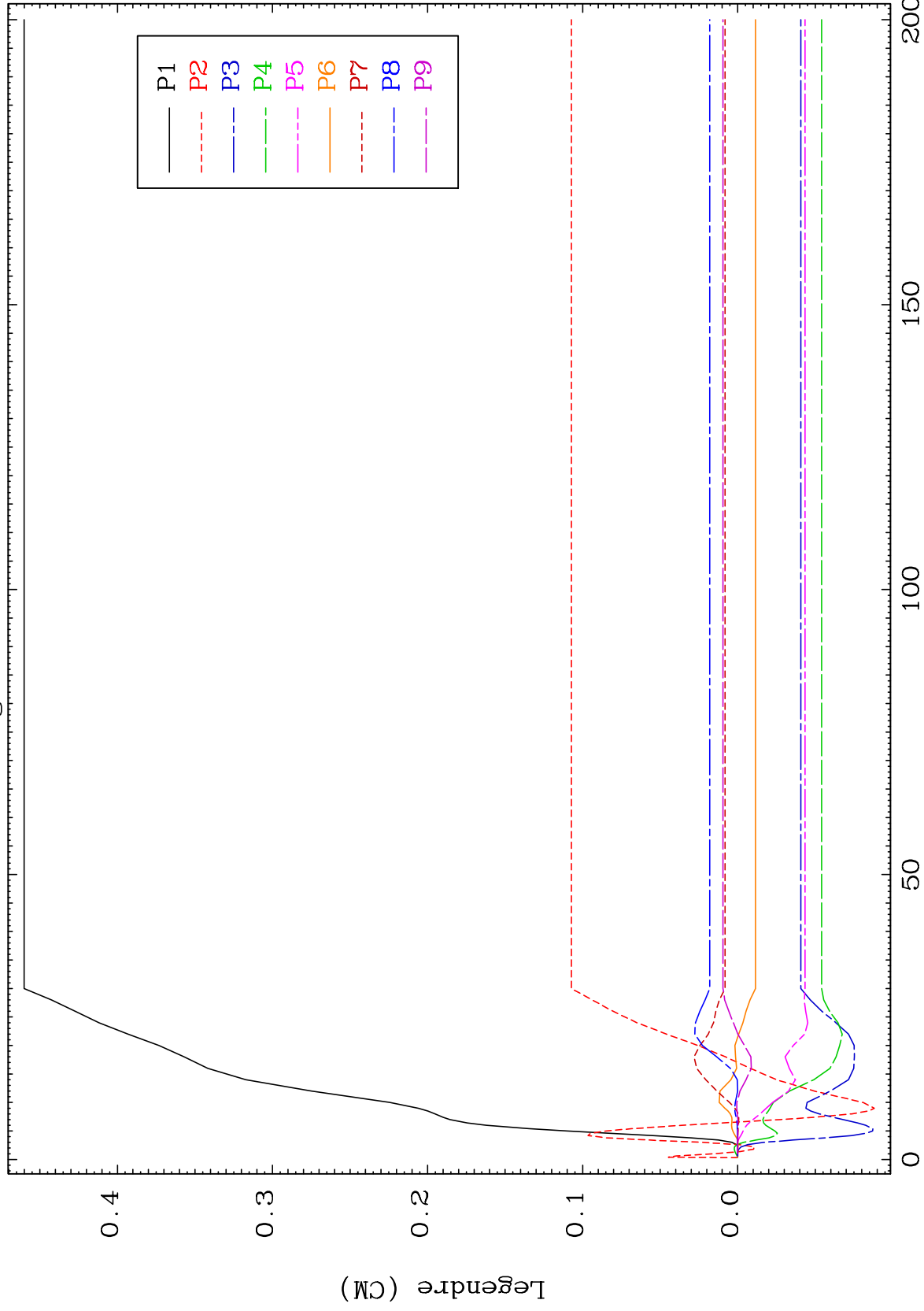
69-Tm-178



MAT 6952

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

69-Tm-178



69-Tm-178

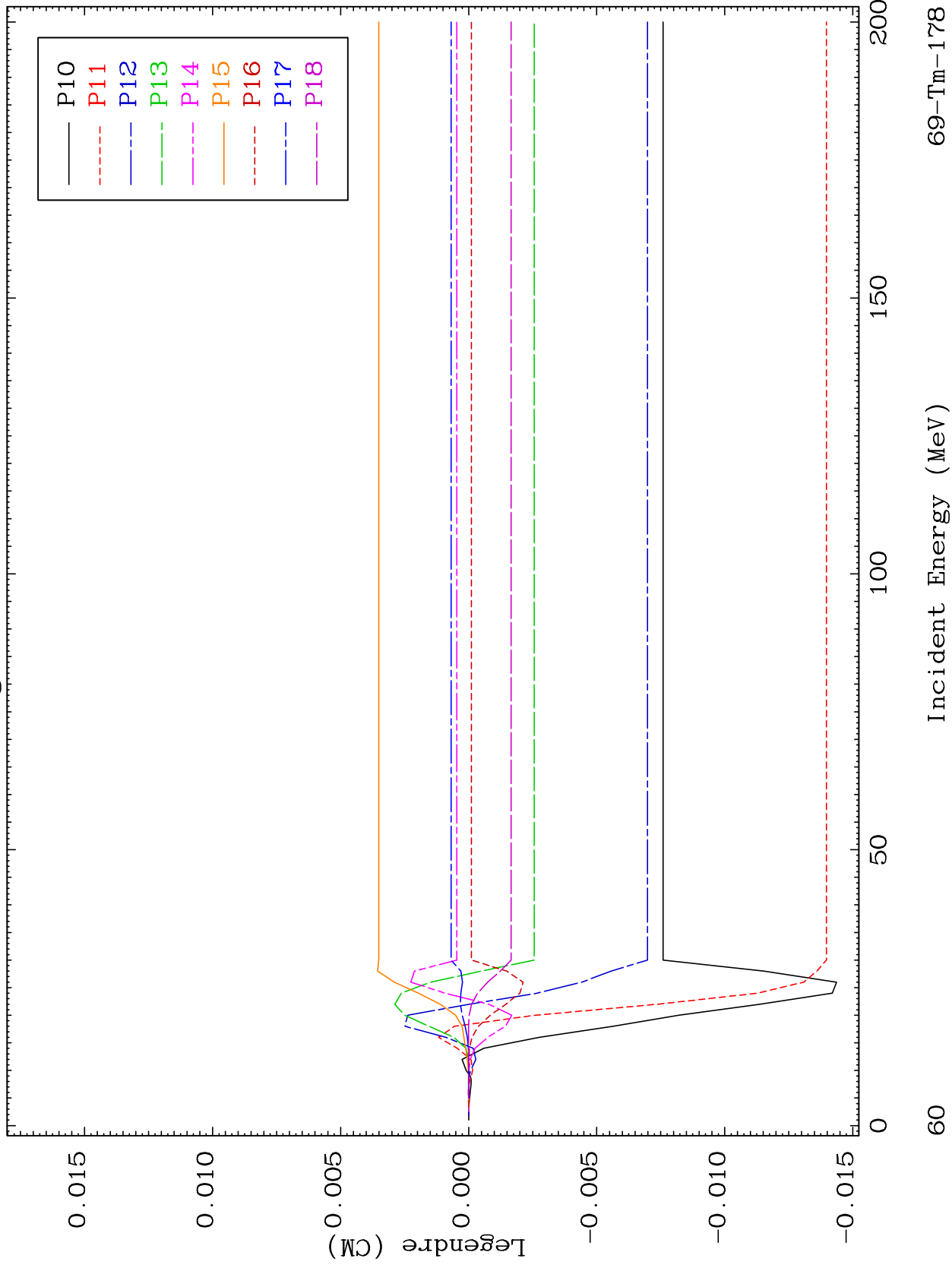
Incident Energy (MeV)

59

MAT 6952

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

69-Tm-178



69-Tm-178

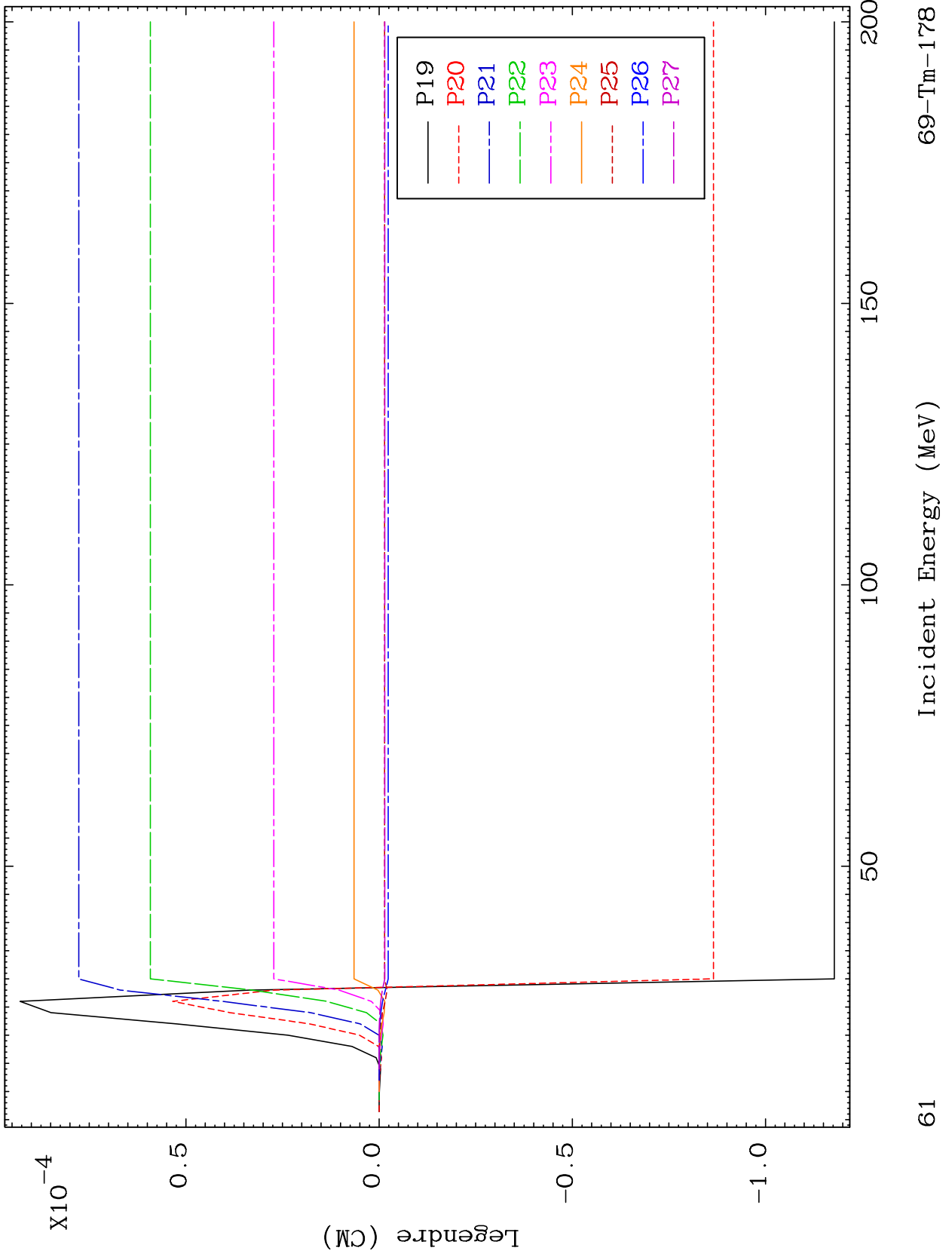
Incident Energy (MeV)

60

MAT 6952

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

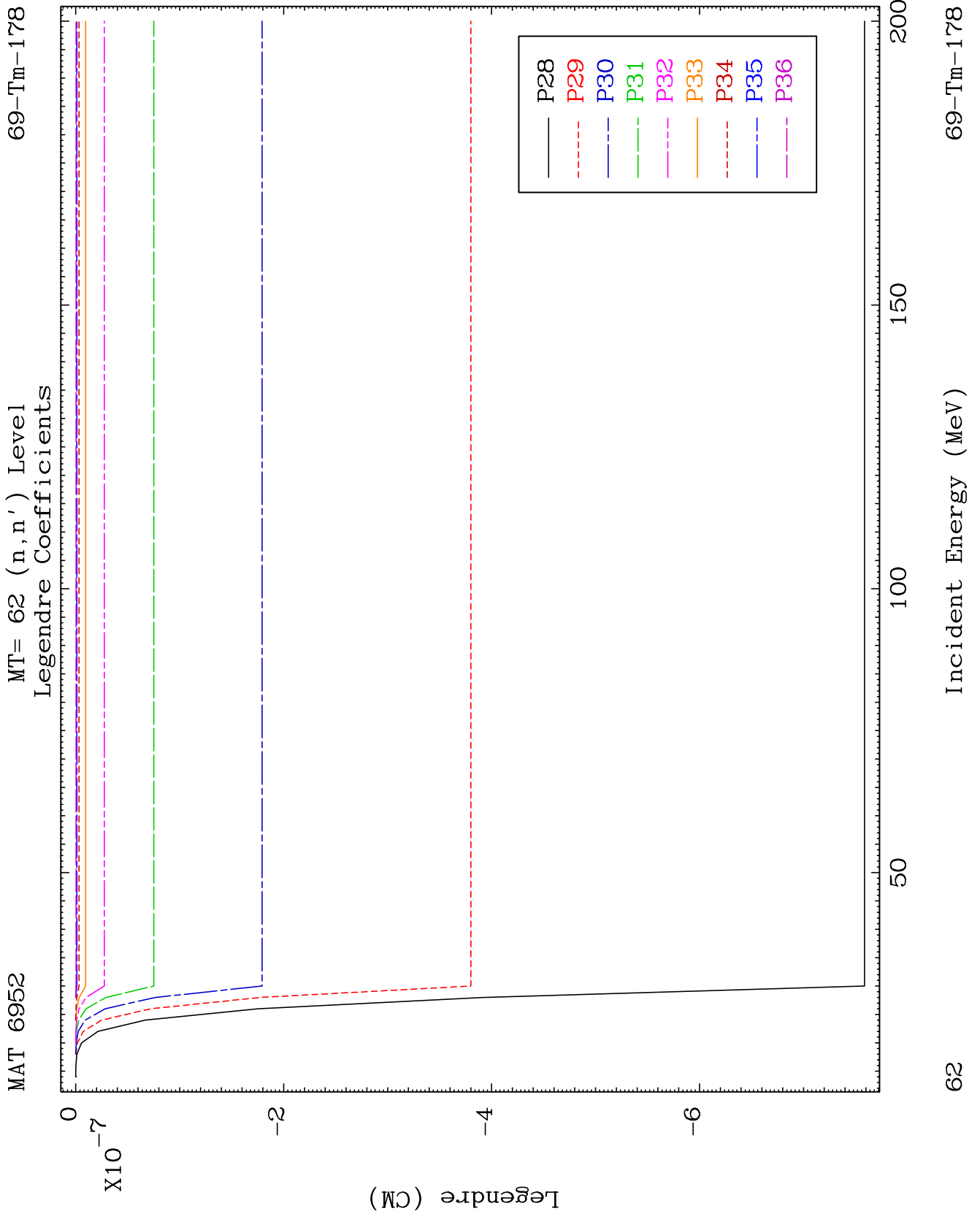
69-Tm-178

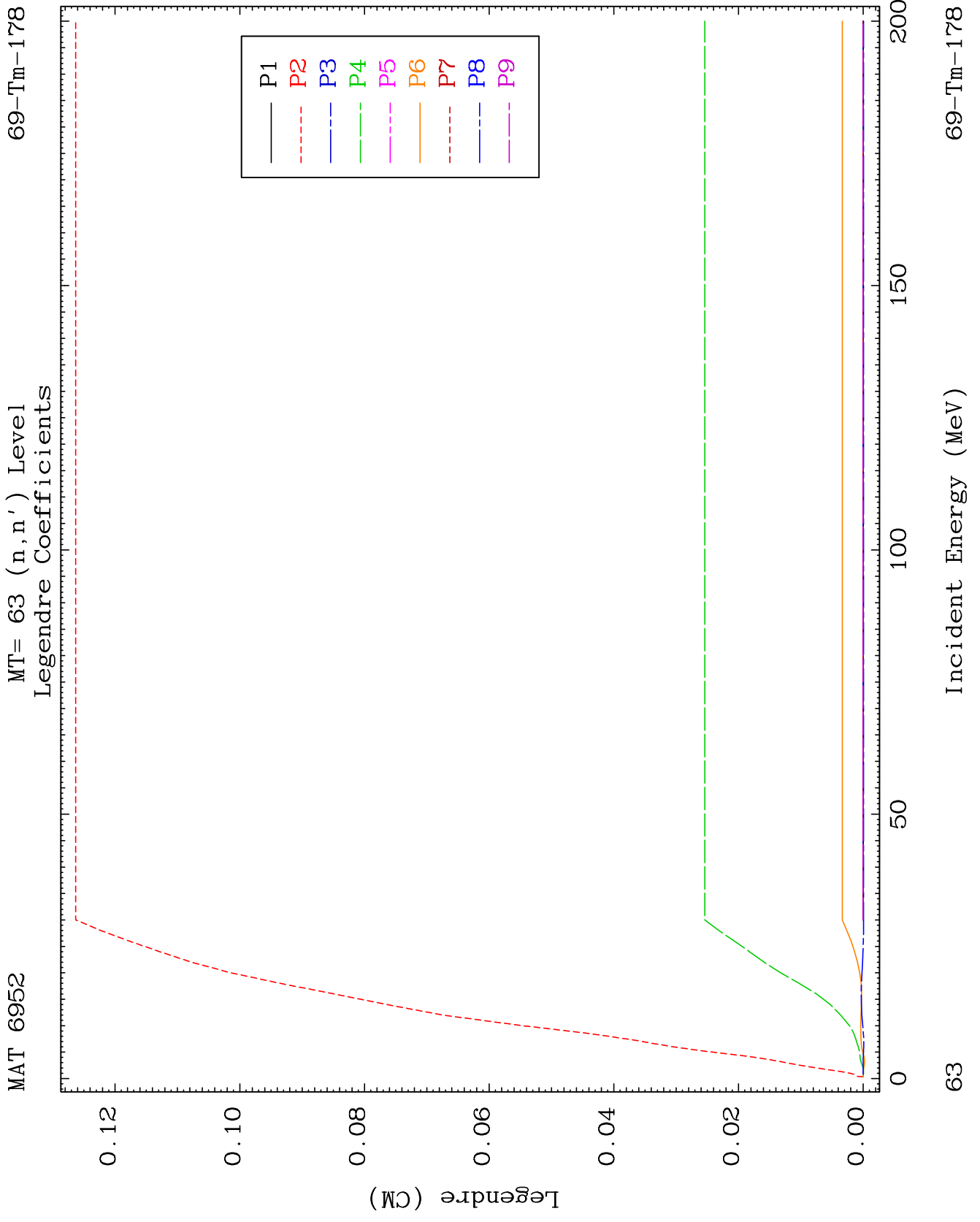


61

Incident Energy (MeV)

69-Tm-178

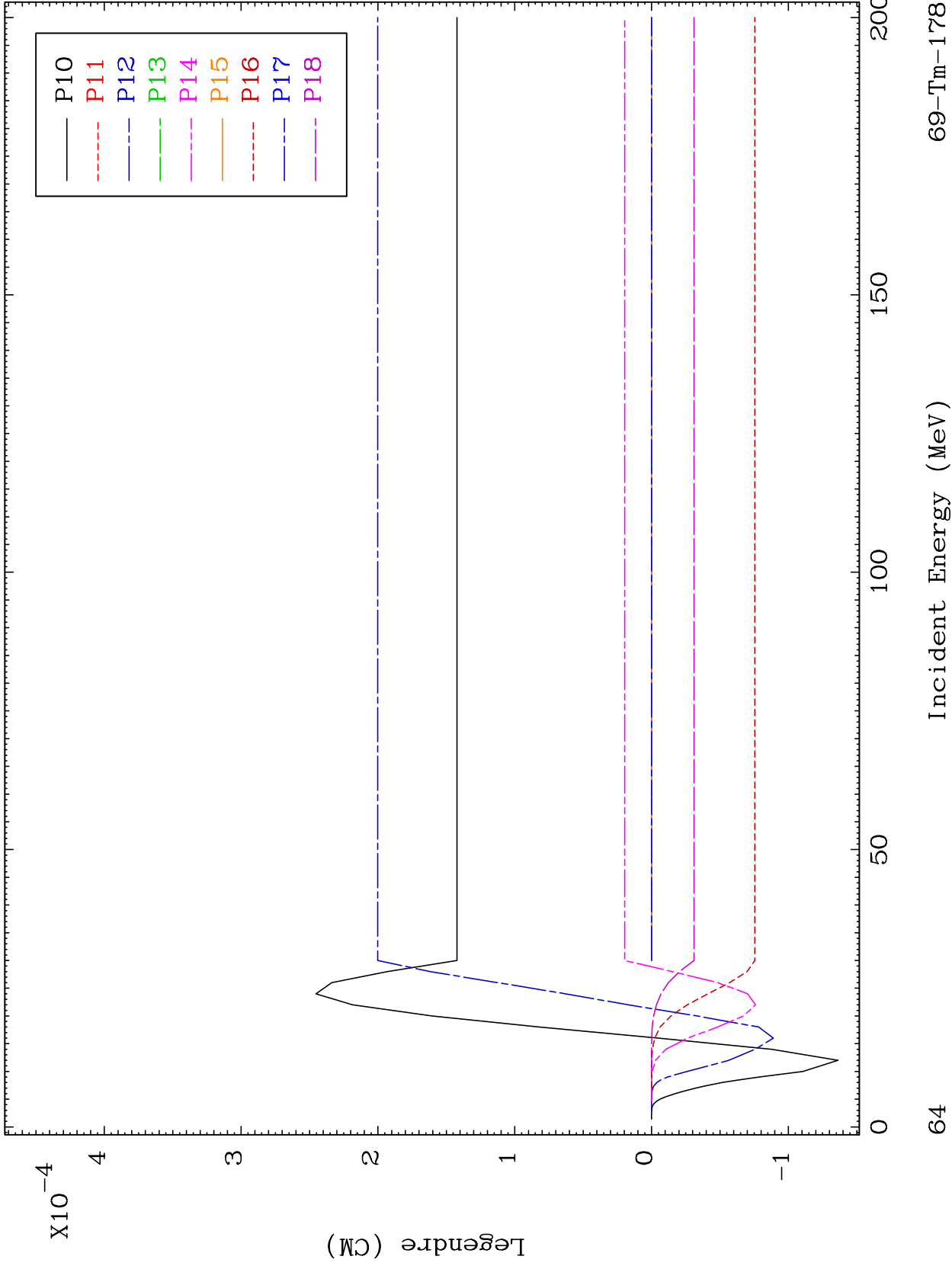




MAT 6952

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

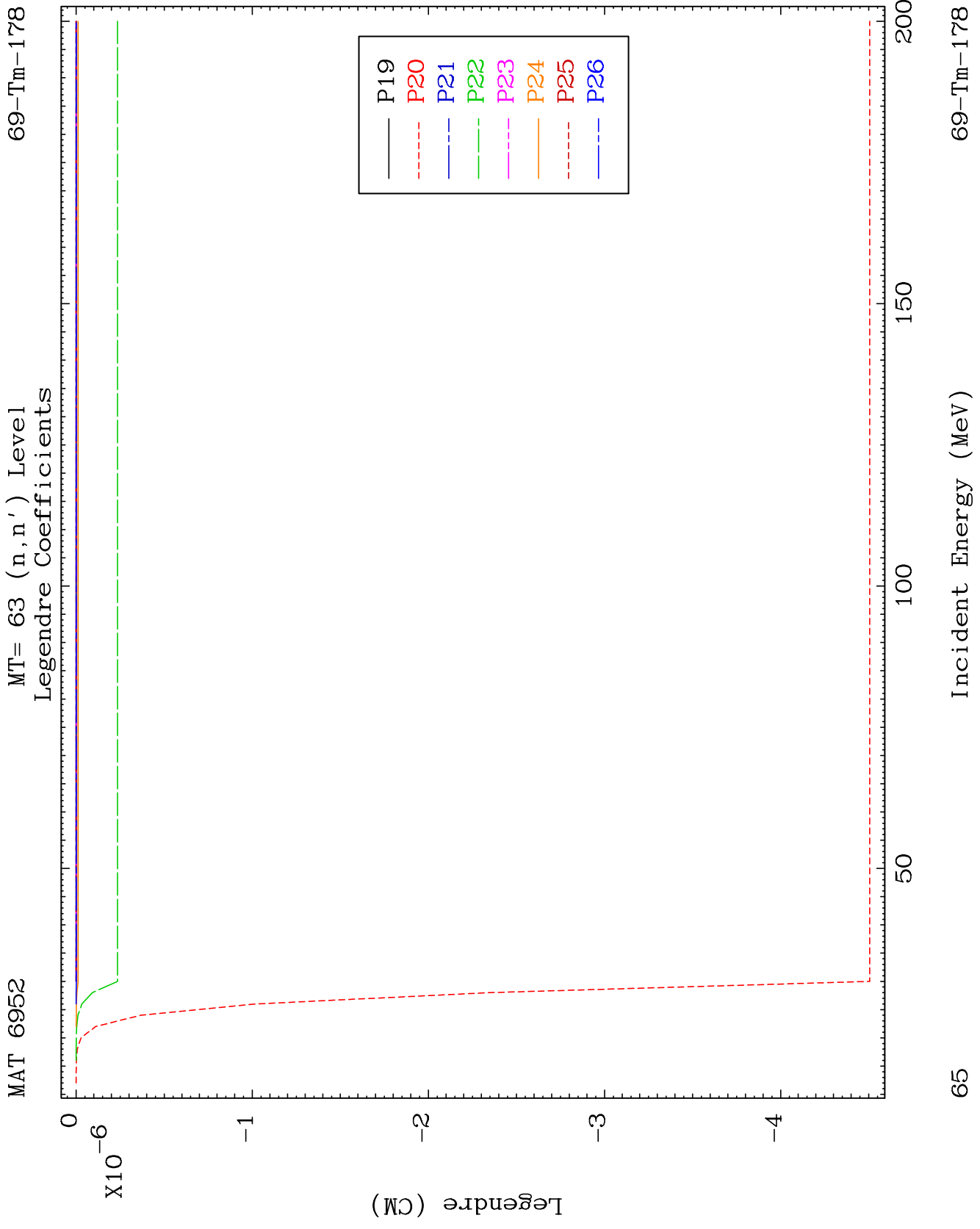
69-Tm-178



64

Incident Energy (MeV)

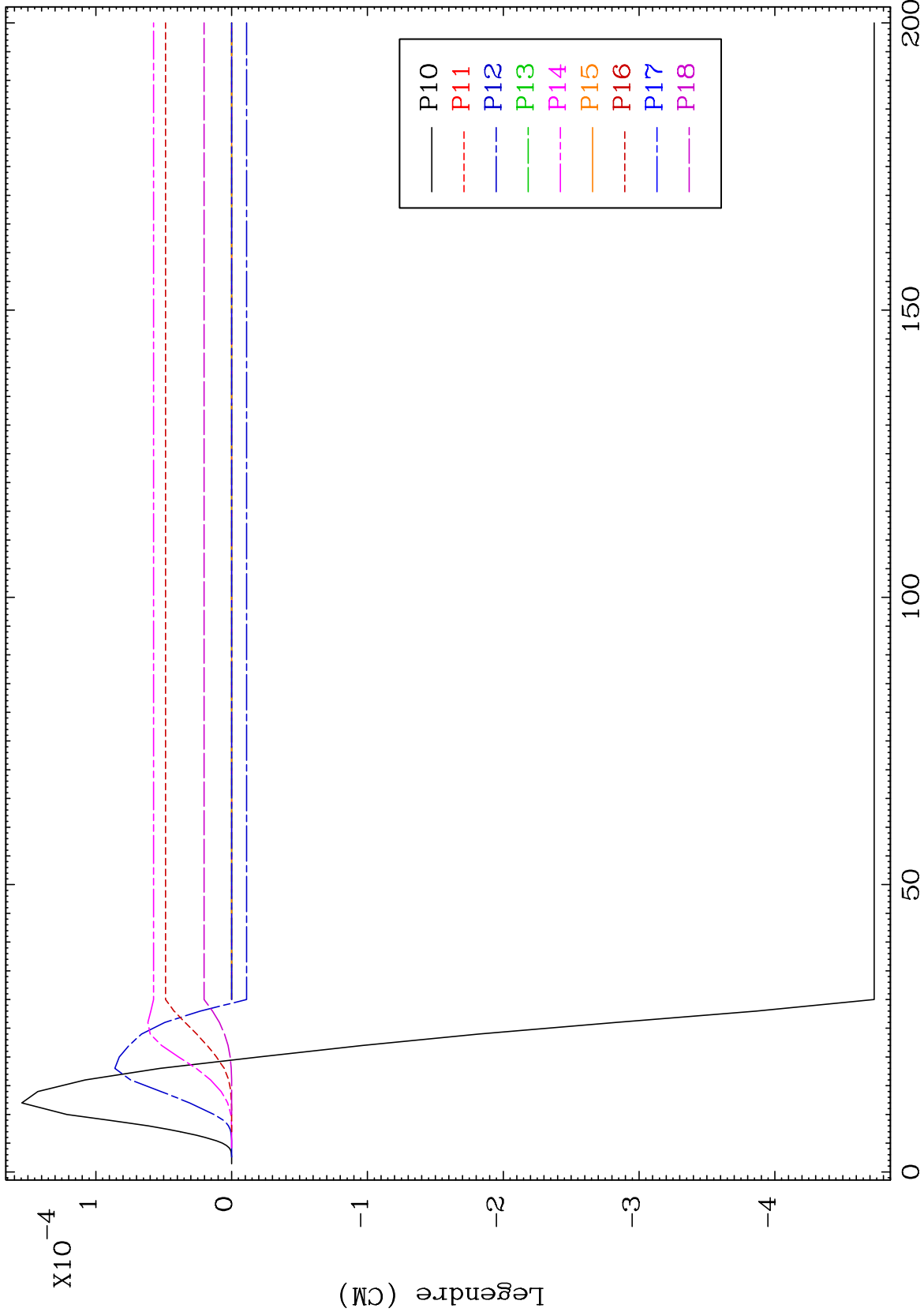
69-Tm-178



MAT 6952

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

69-Tm-178



67

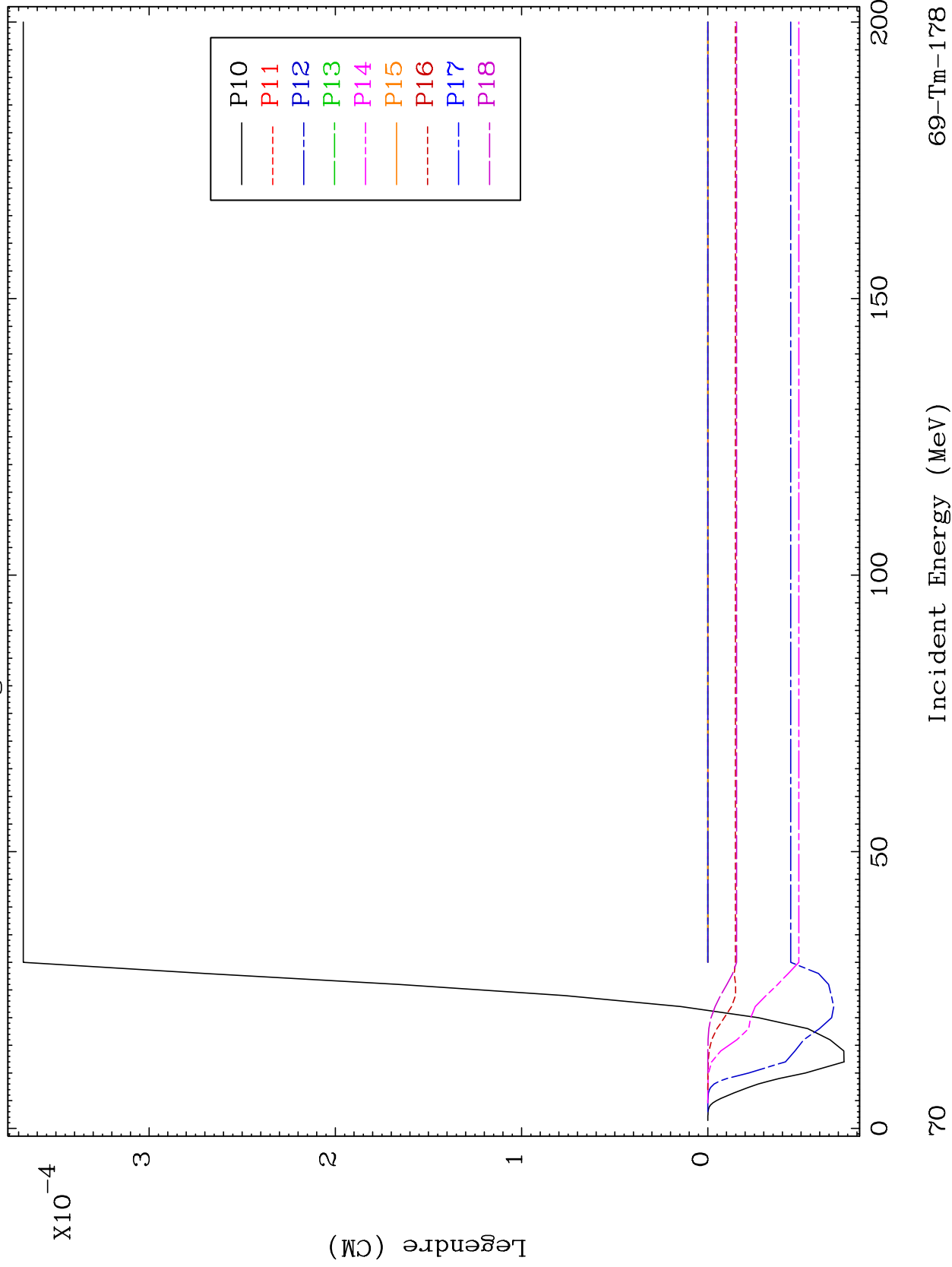
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

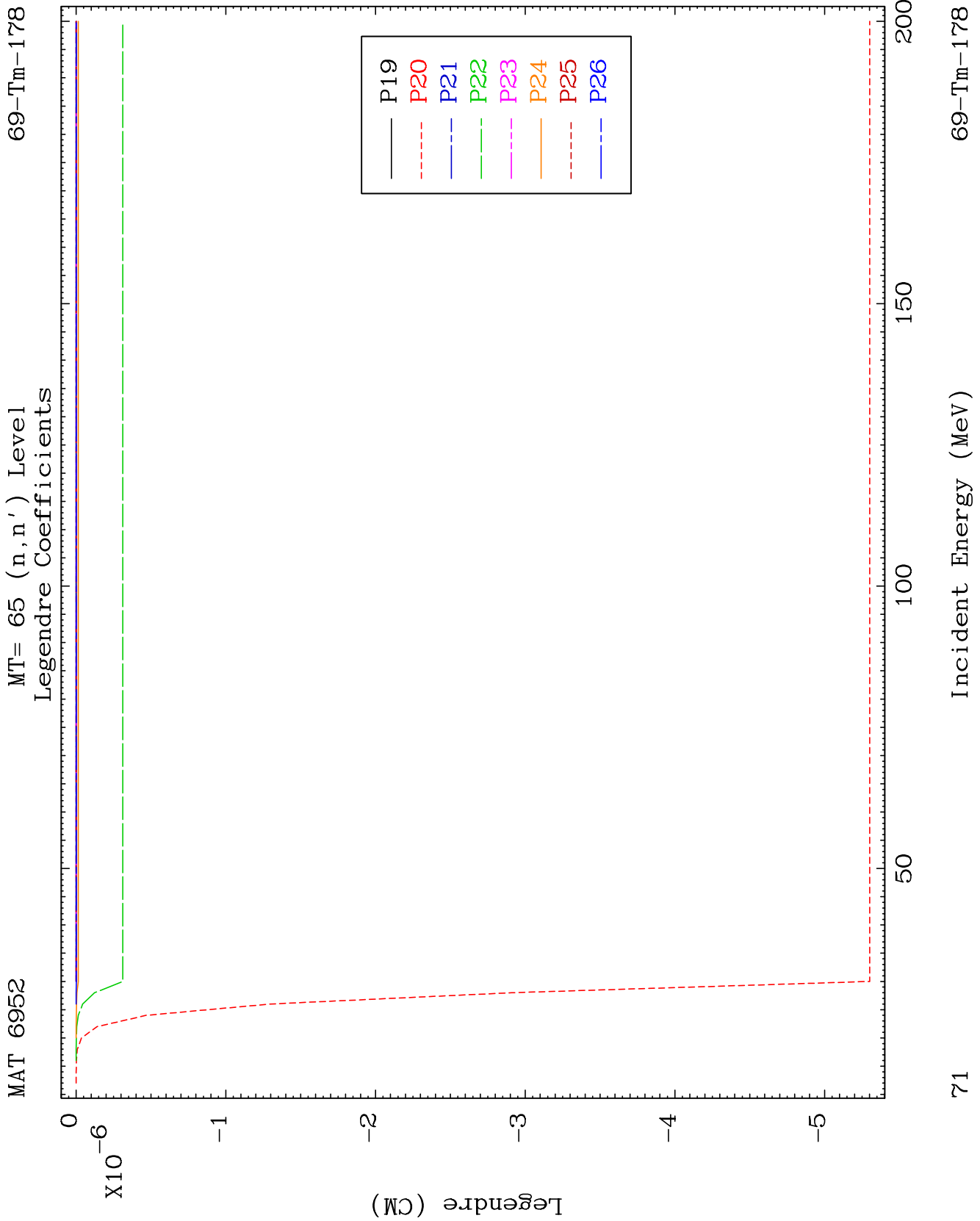
69-Tm-178



70

Incident Energy (MeV)

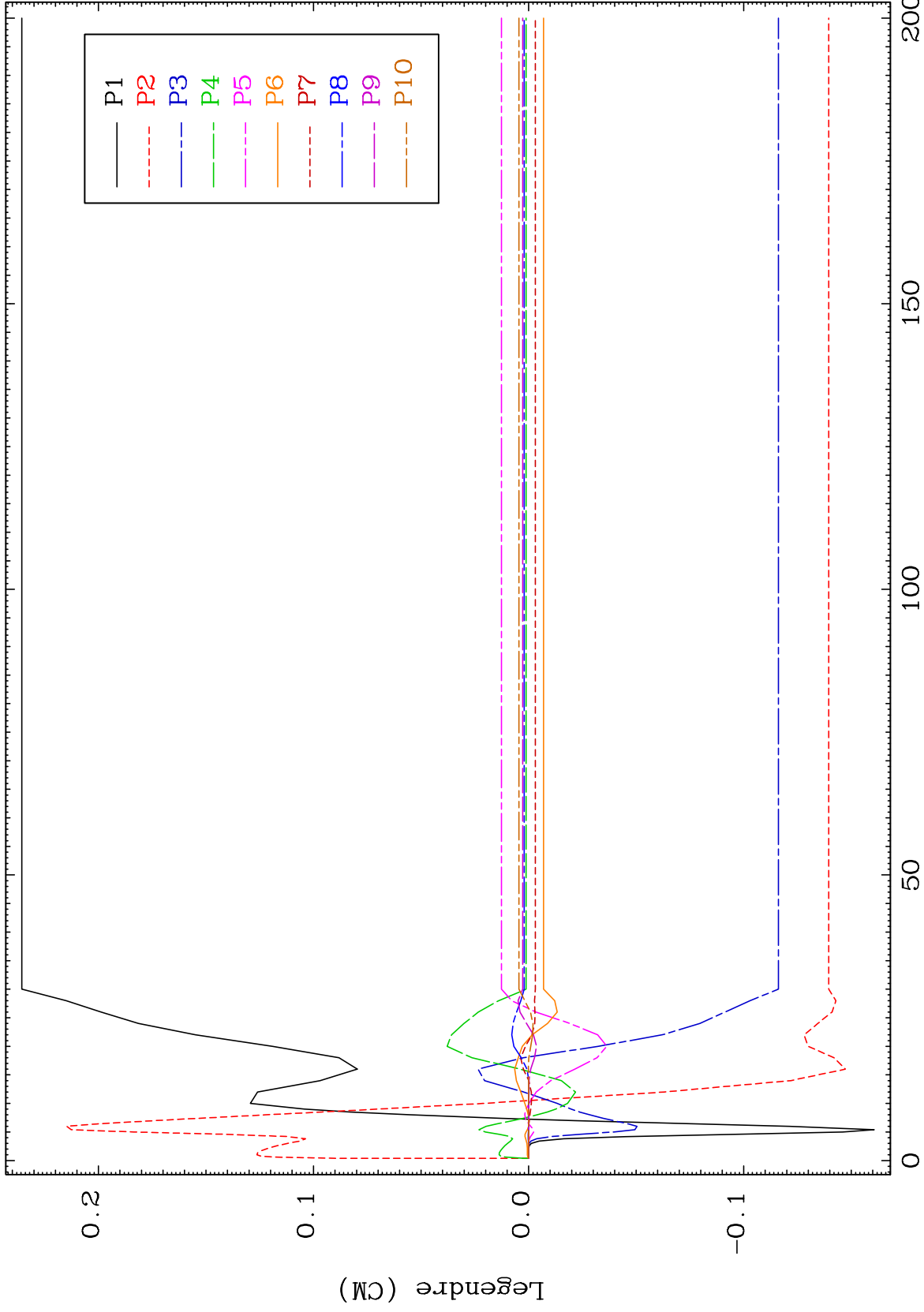
69-Tm-178



MAT 6952

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

69-Tm-178



72

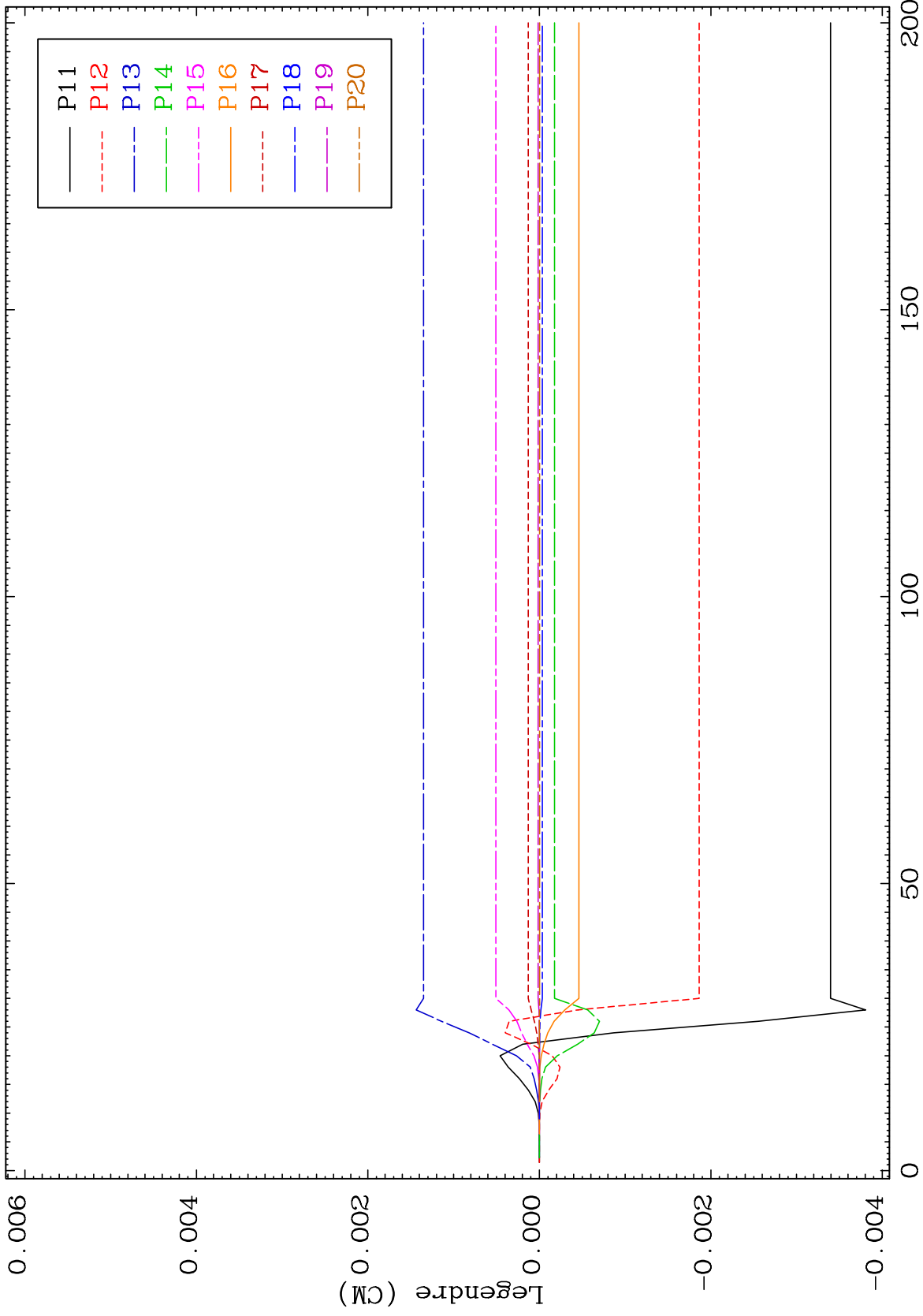
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



73

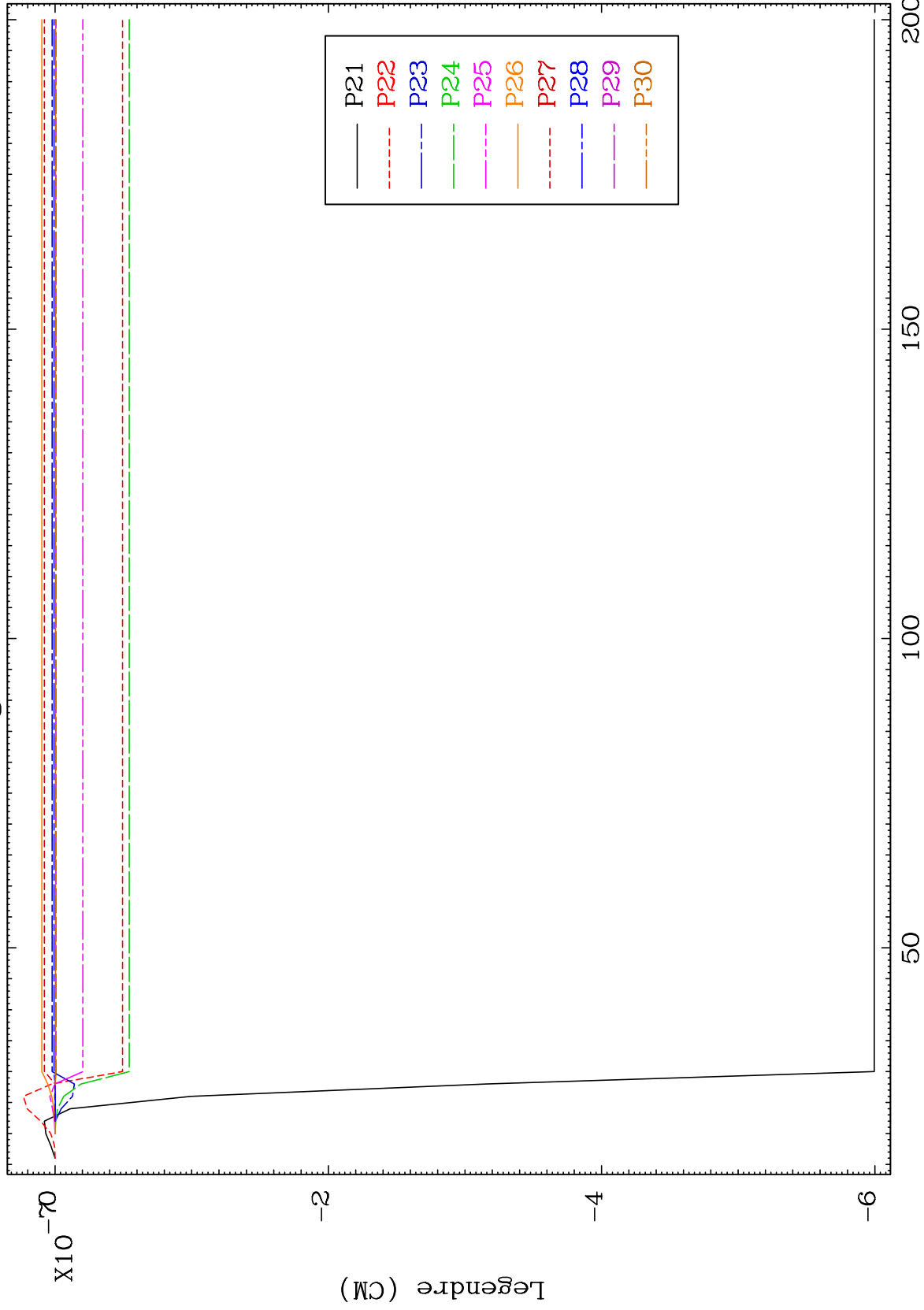
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

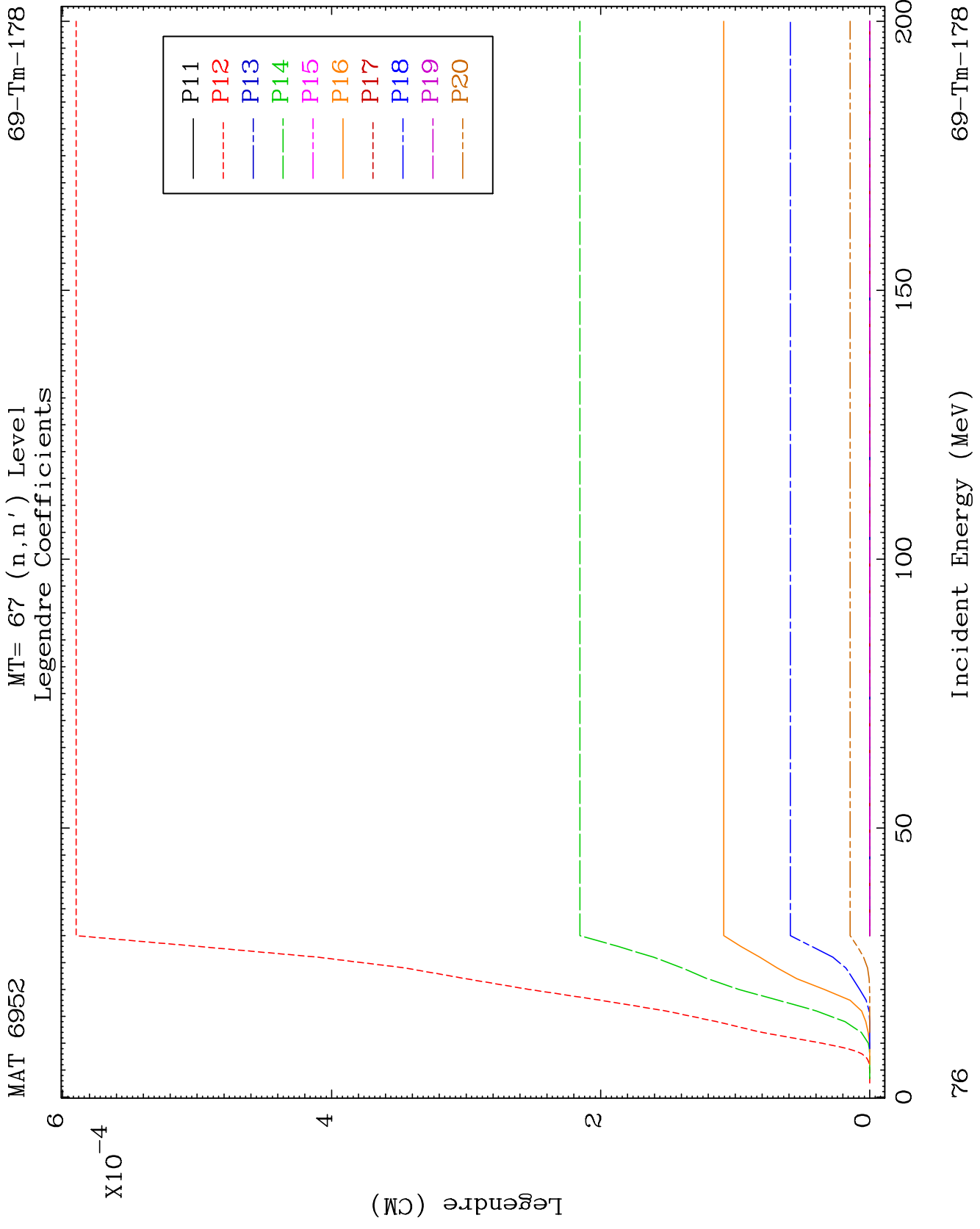
69-Tm-178



74

Incident Energy (MeV)

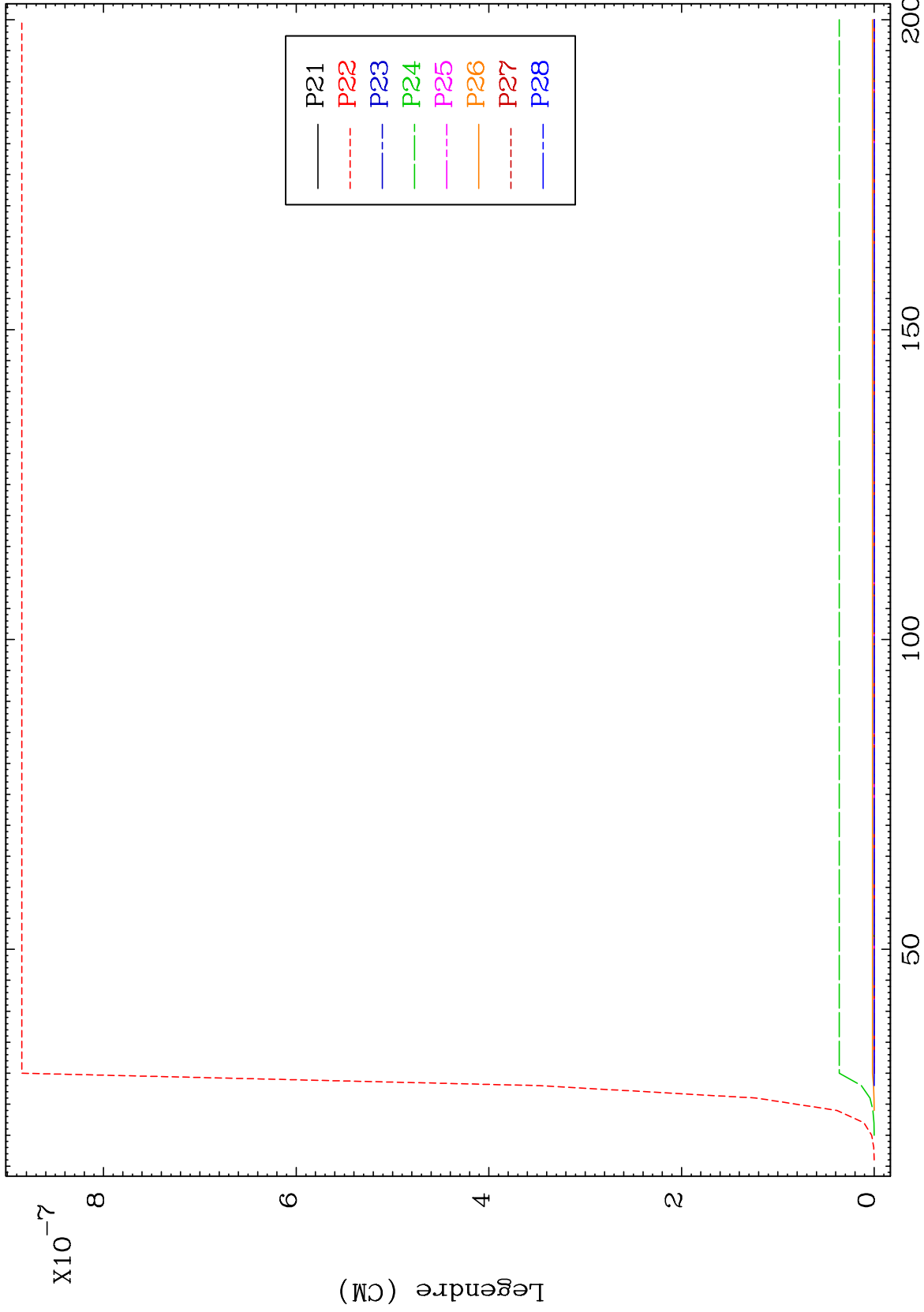
69-Tm-178



MAT 6952

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

69-Tm-178



77

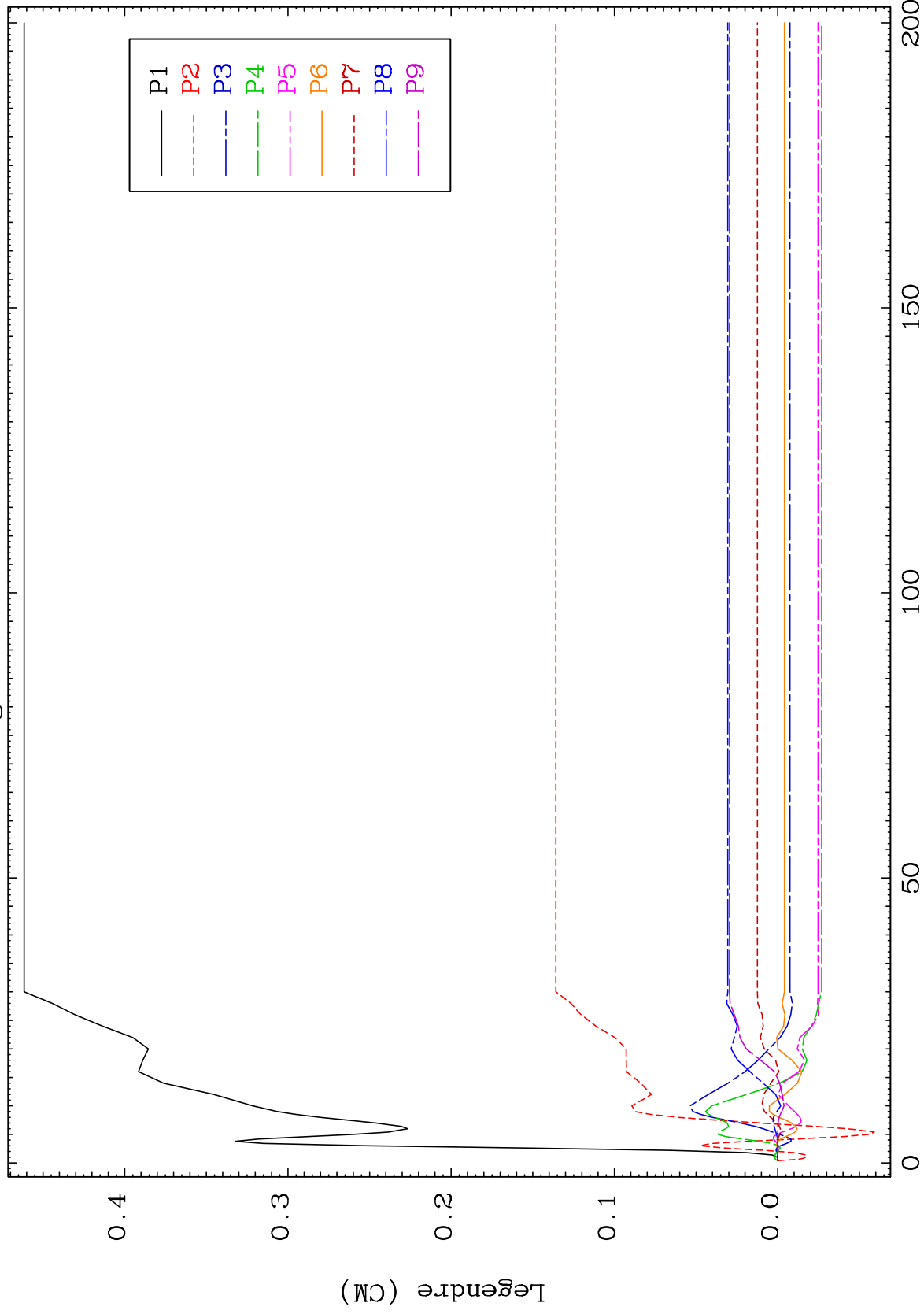
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



78

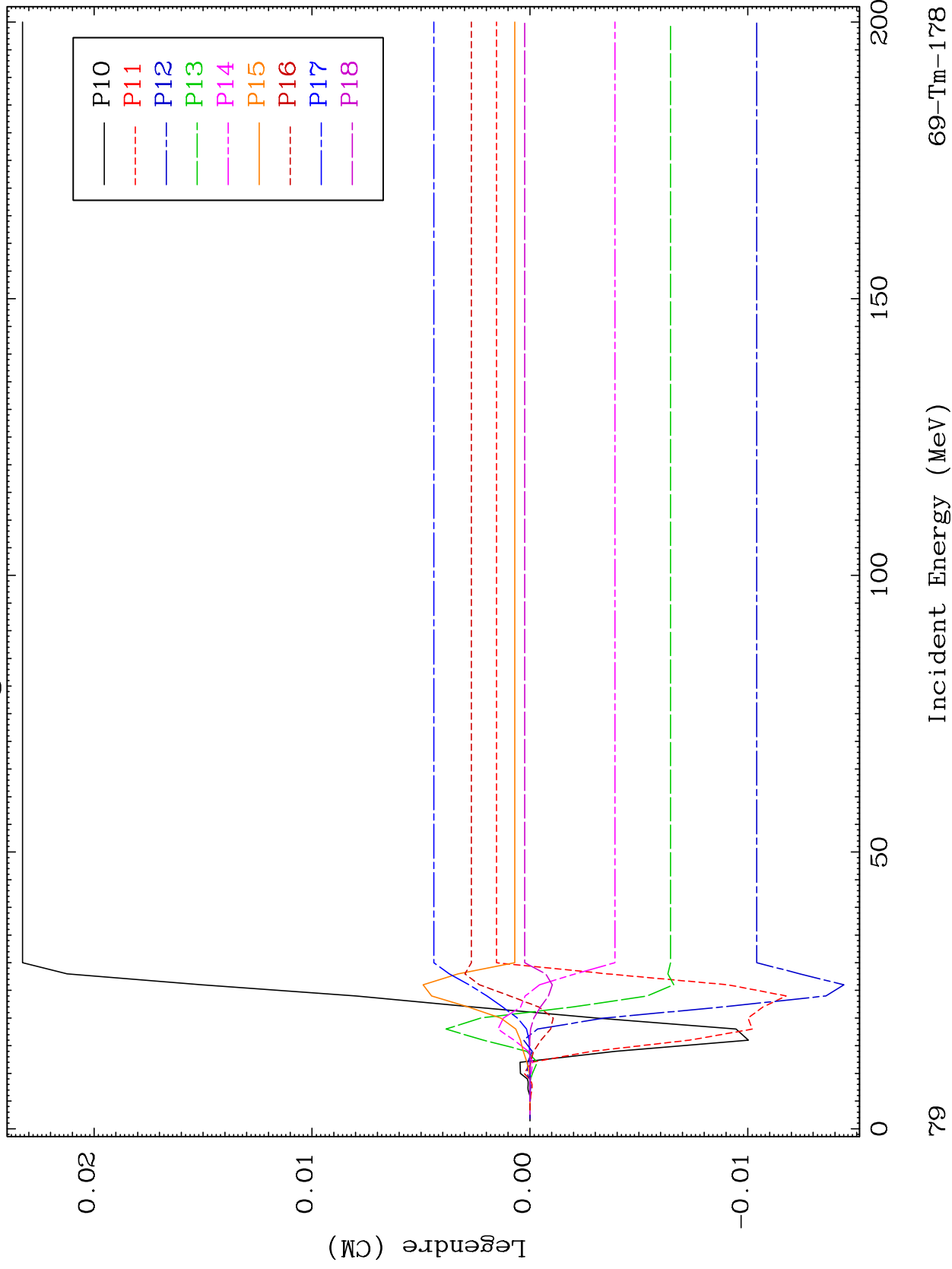
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



79

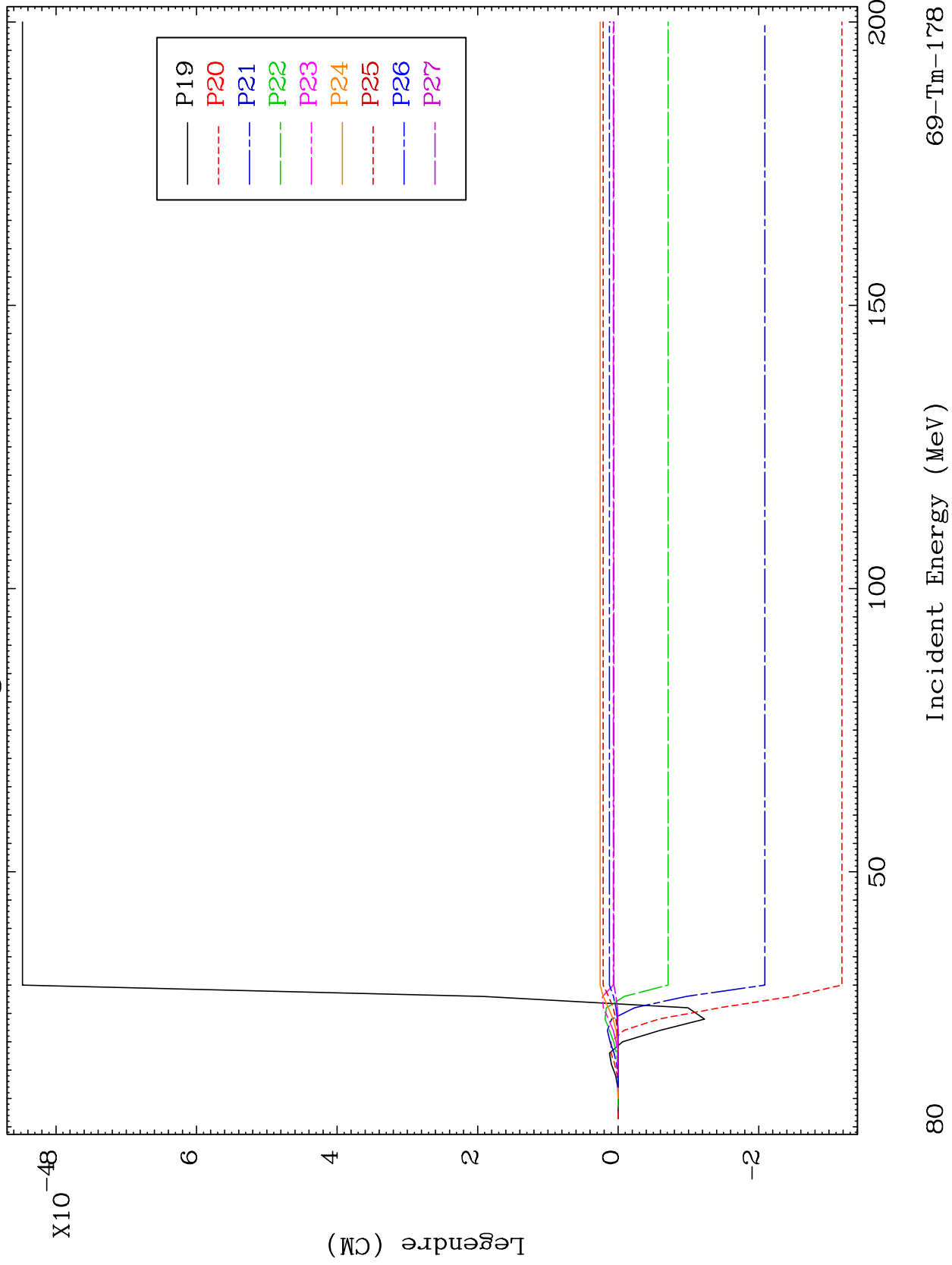
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



80

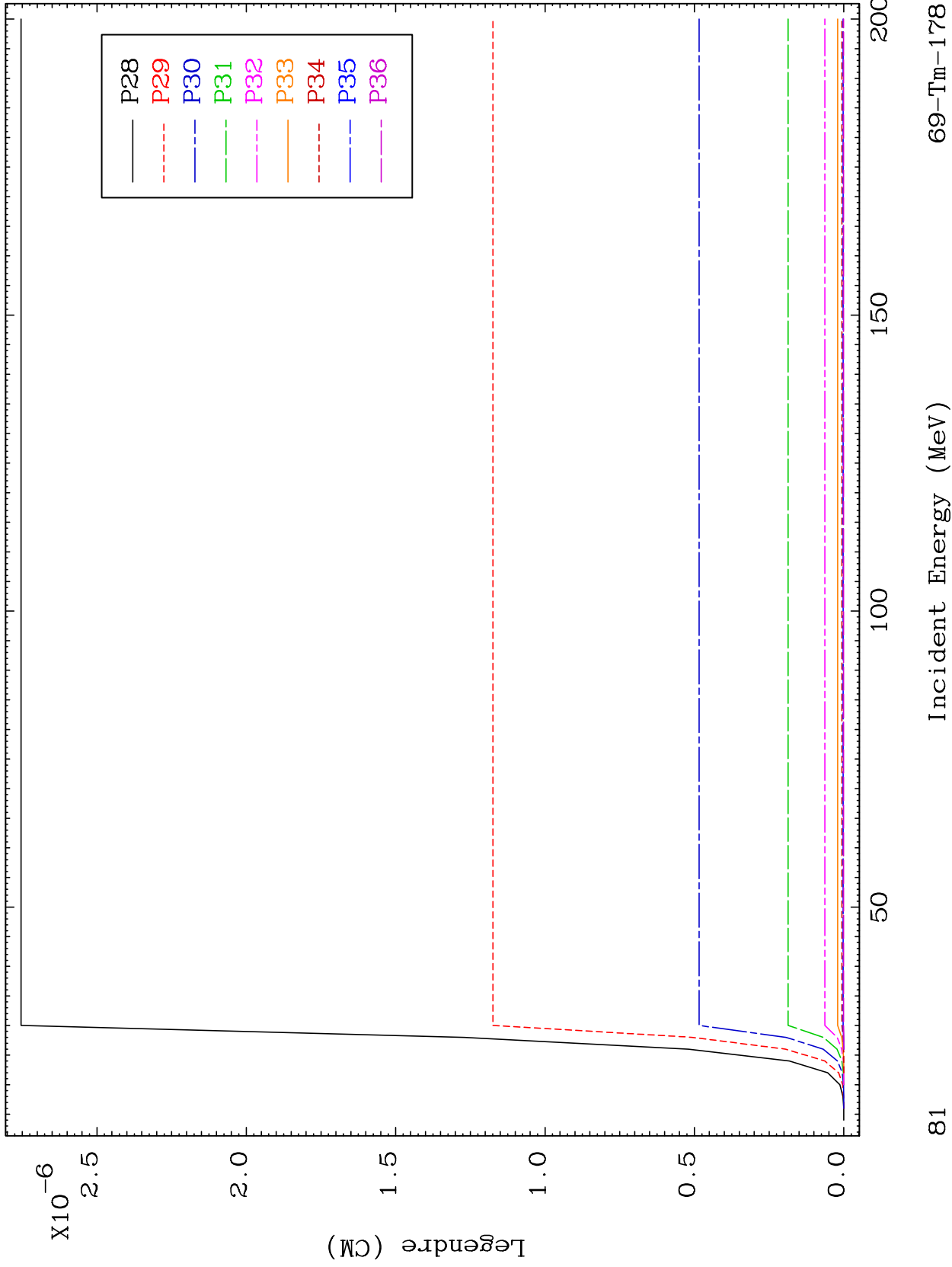
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178

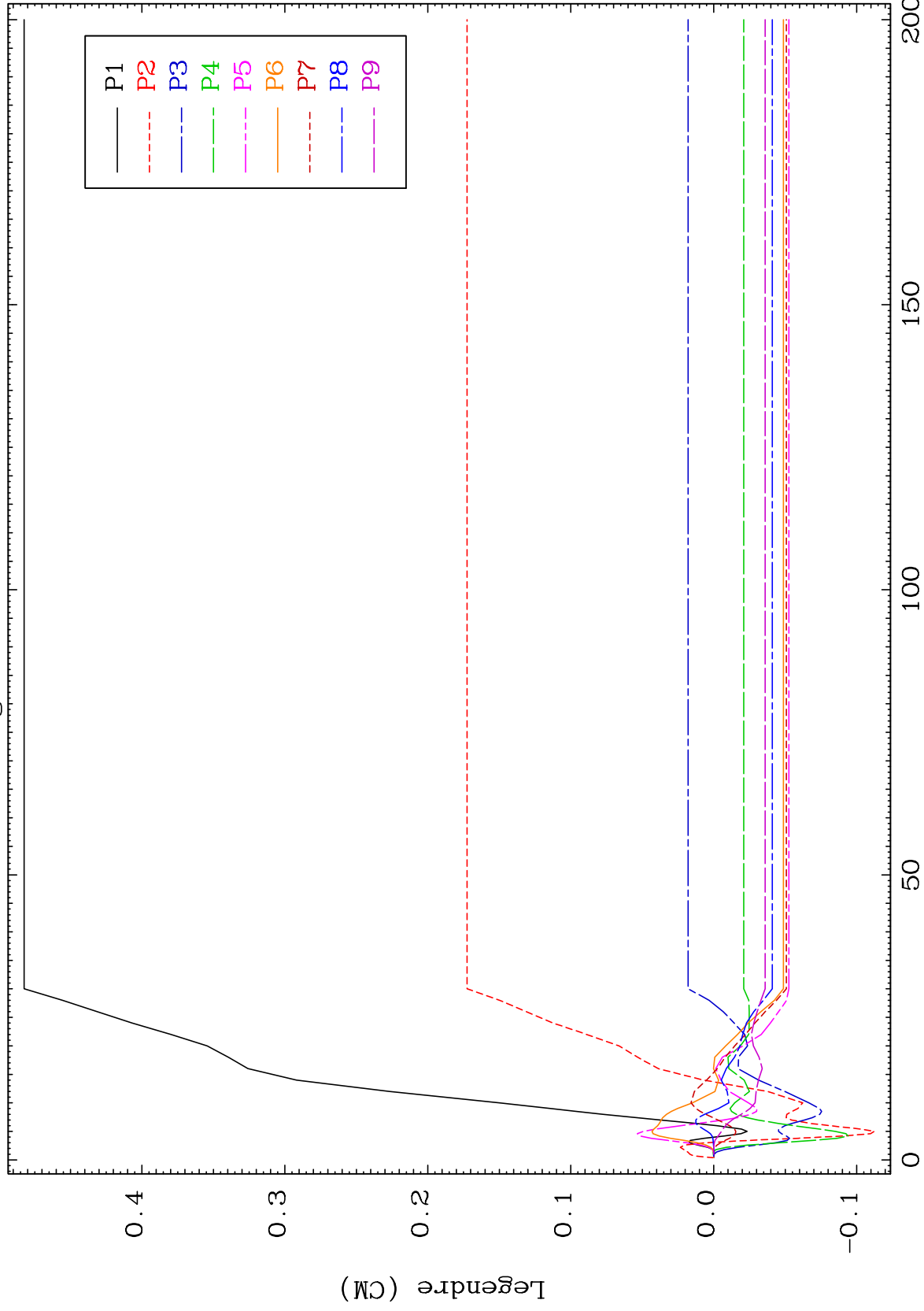


81

MAT 6952

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

69-Tm-178



69-Tm-178

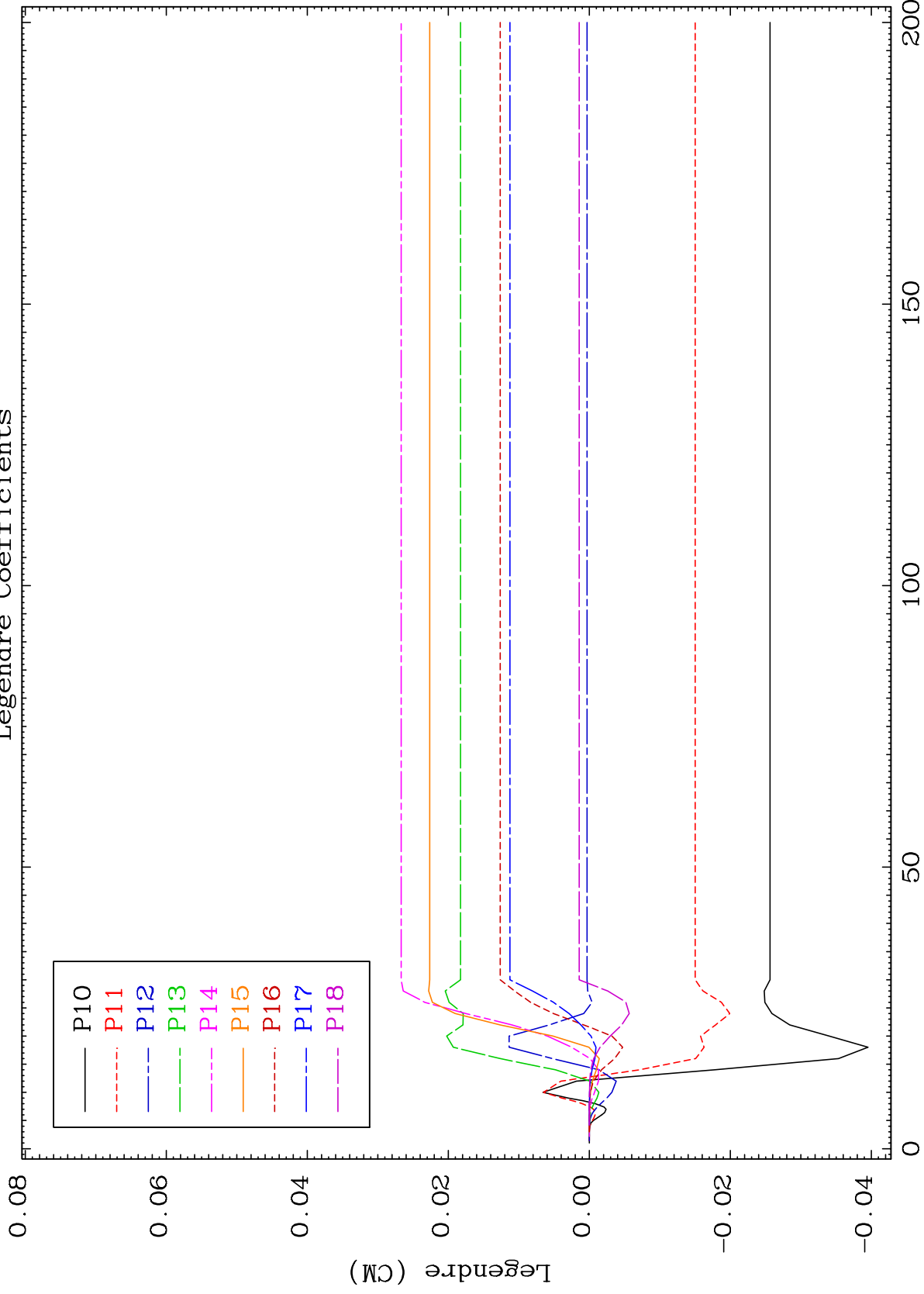
Incident Energy (MeV)

82

MAT 6952

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

69-Tm-178



83

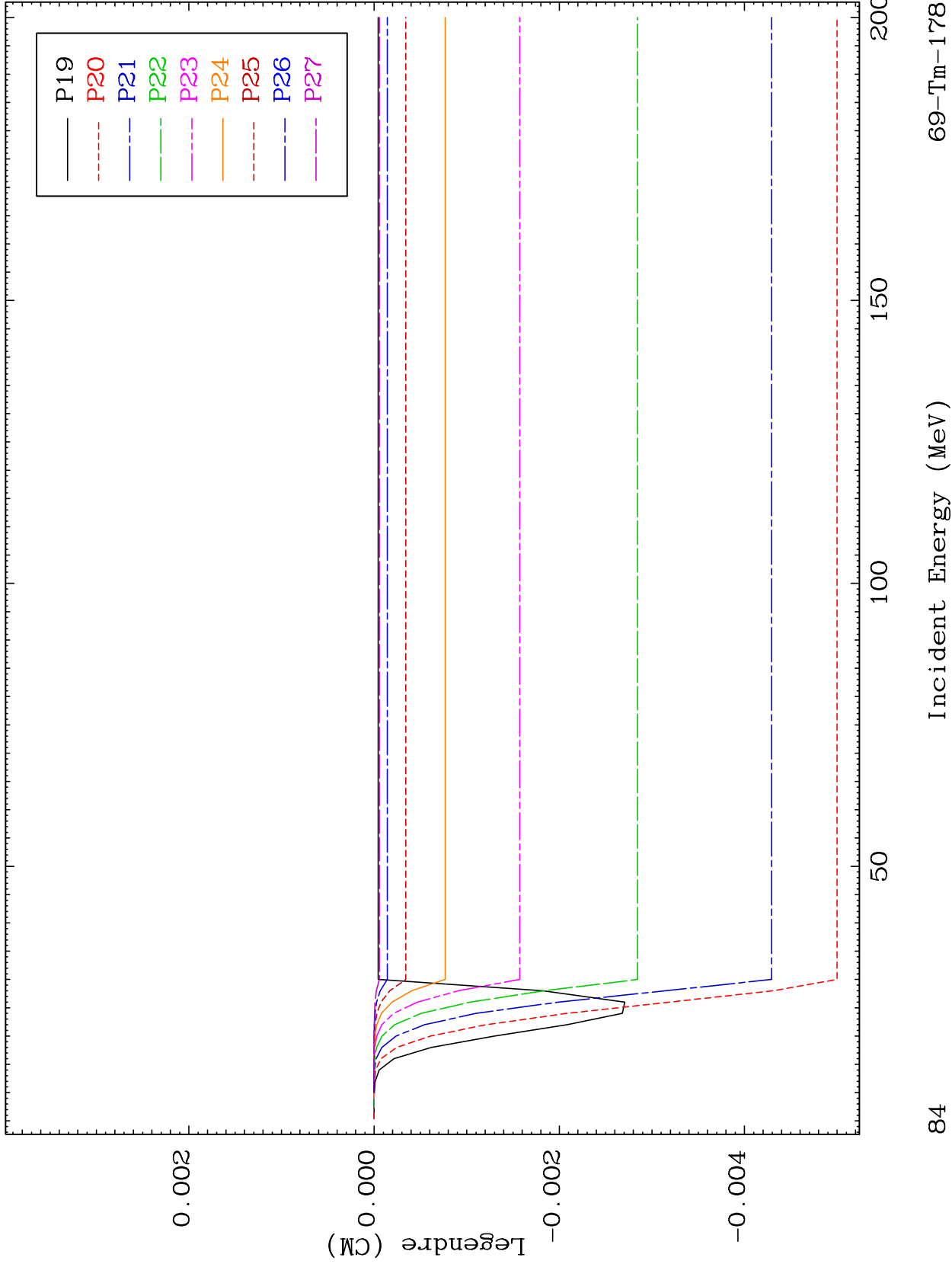
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



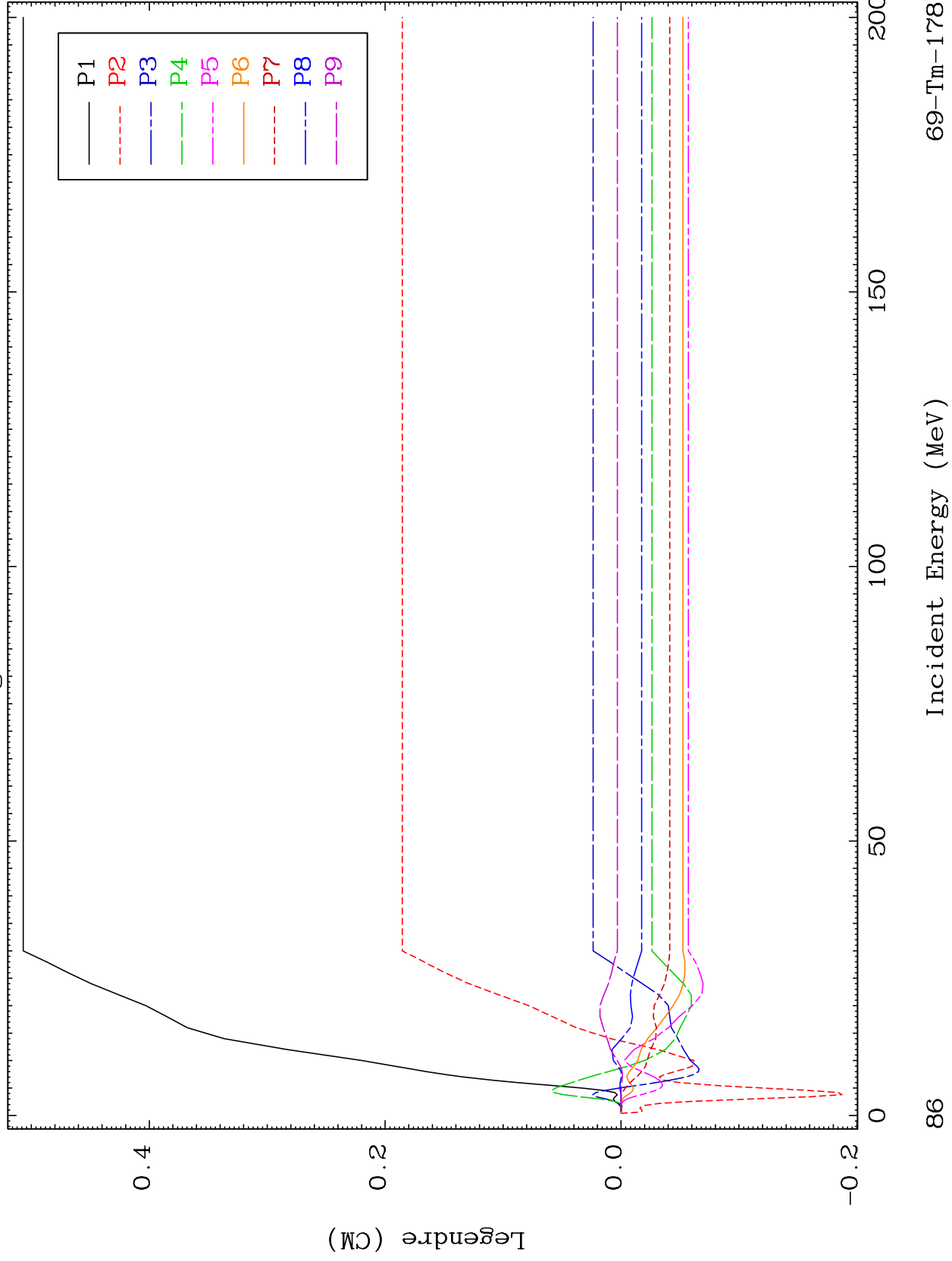
69-Tm-178

Incident Energy (MeV)

MAT 6952

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

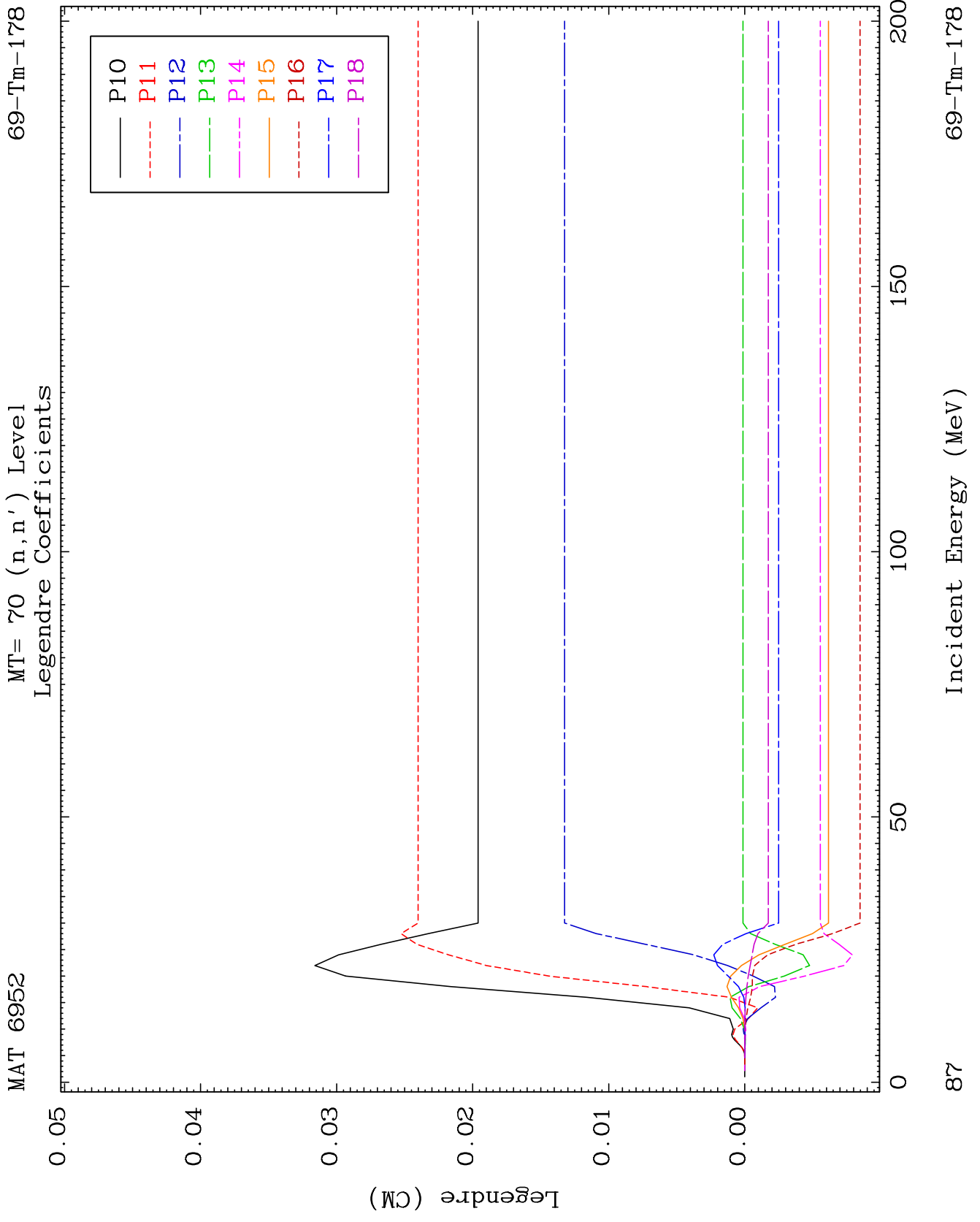
69-Tm-178

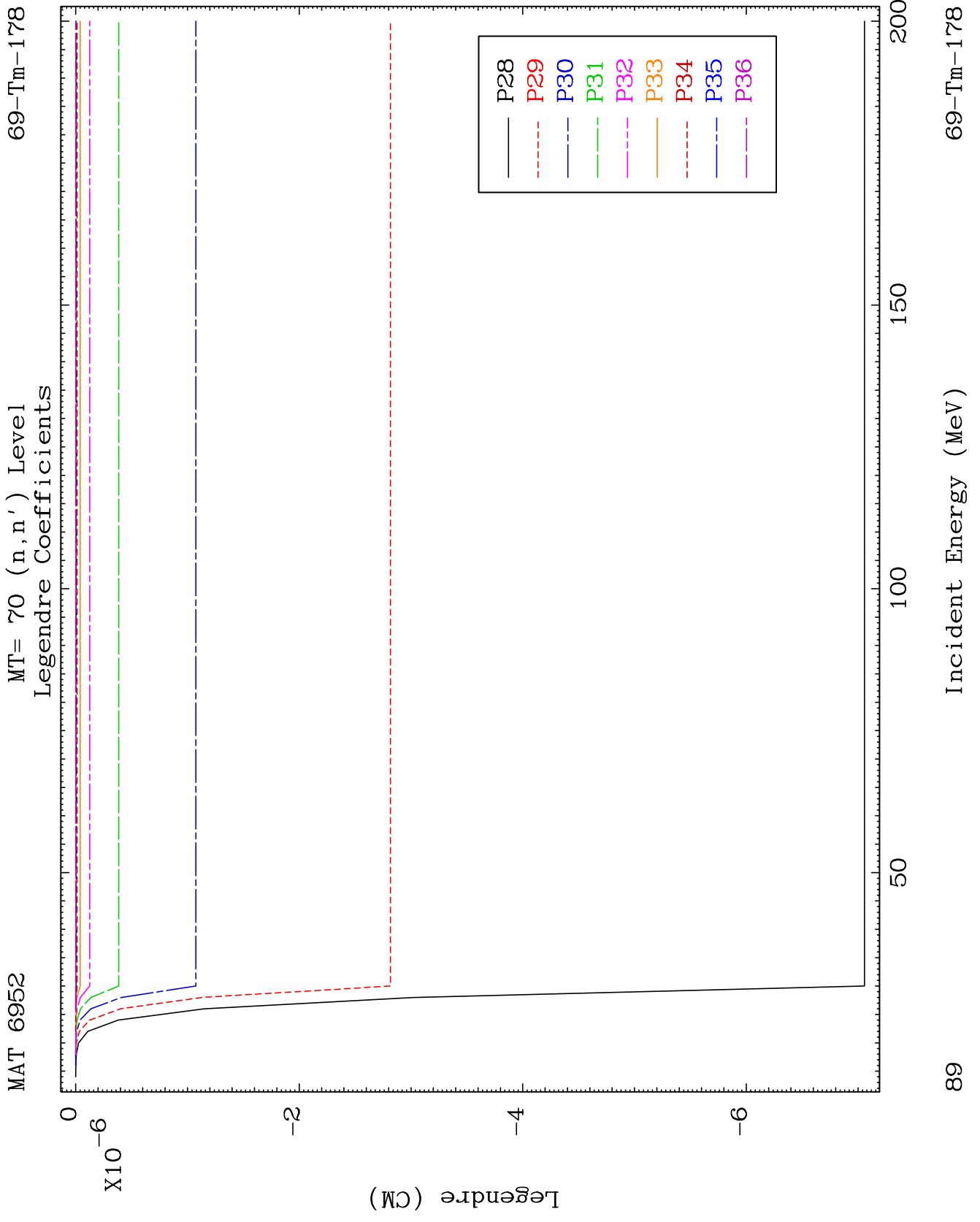


86

Incident Energy (MeV)

69-Tm-178

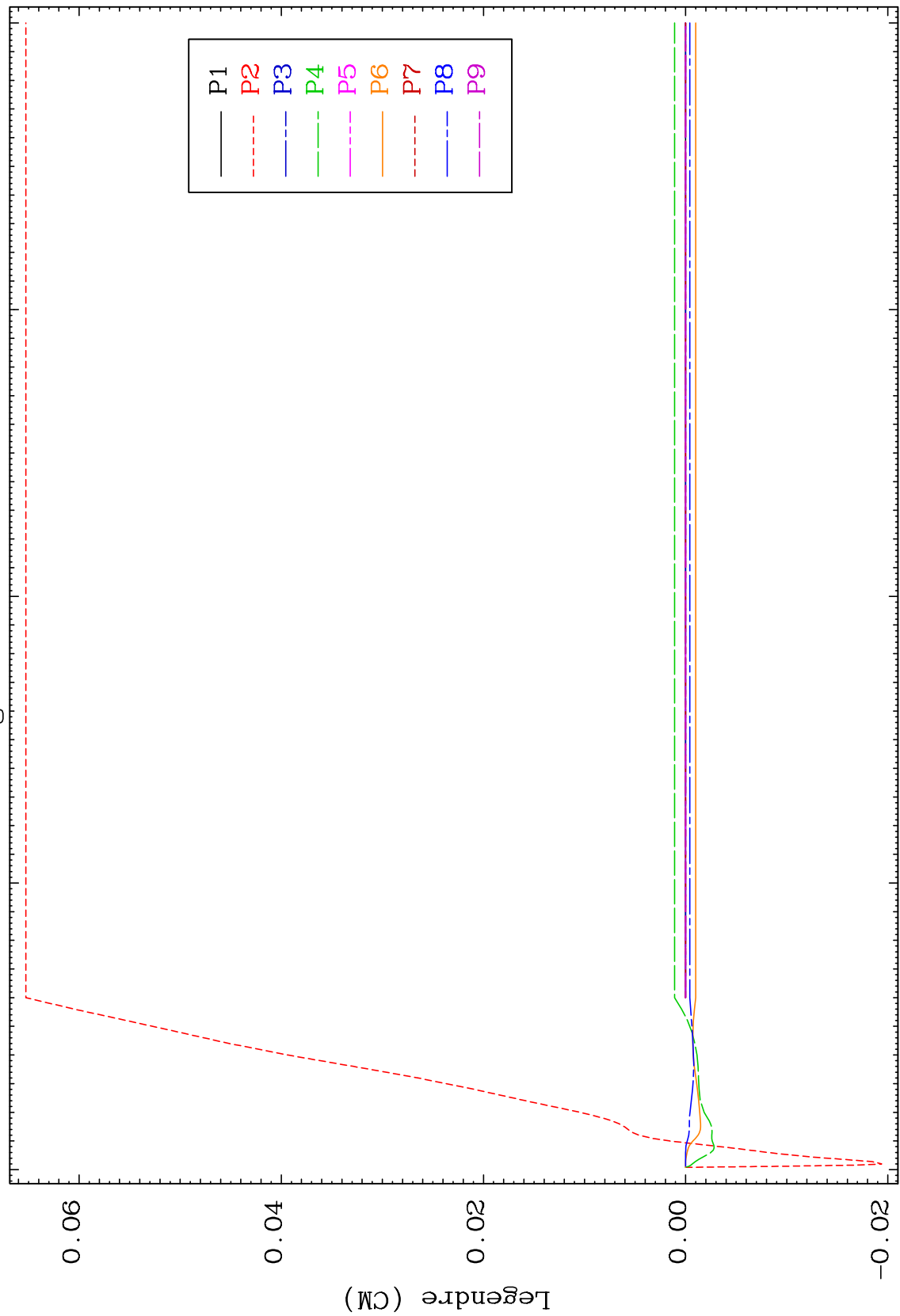




MAT 6952

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

69-Tm-178



90

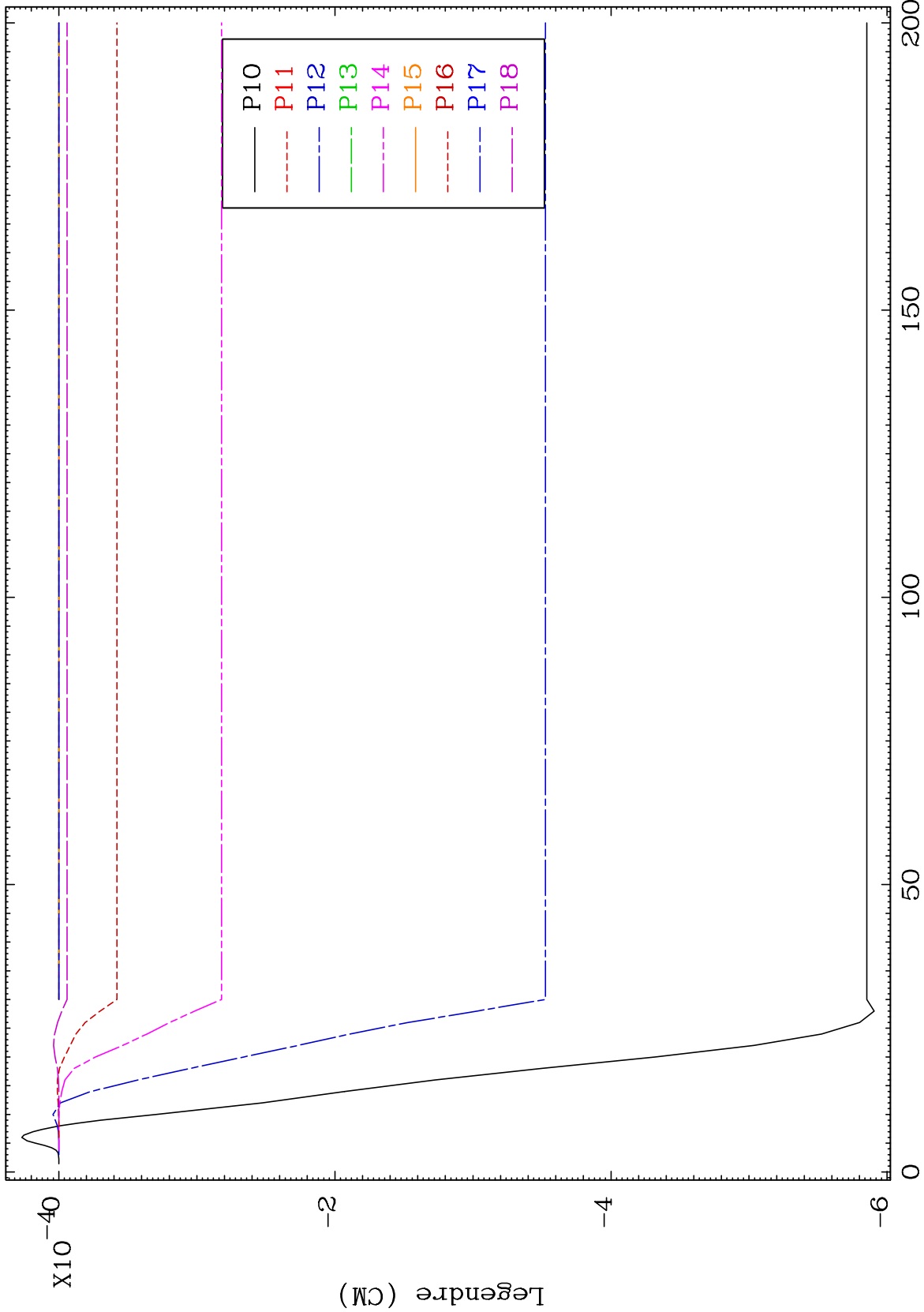
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

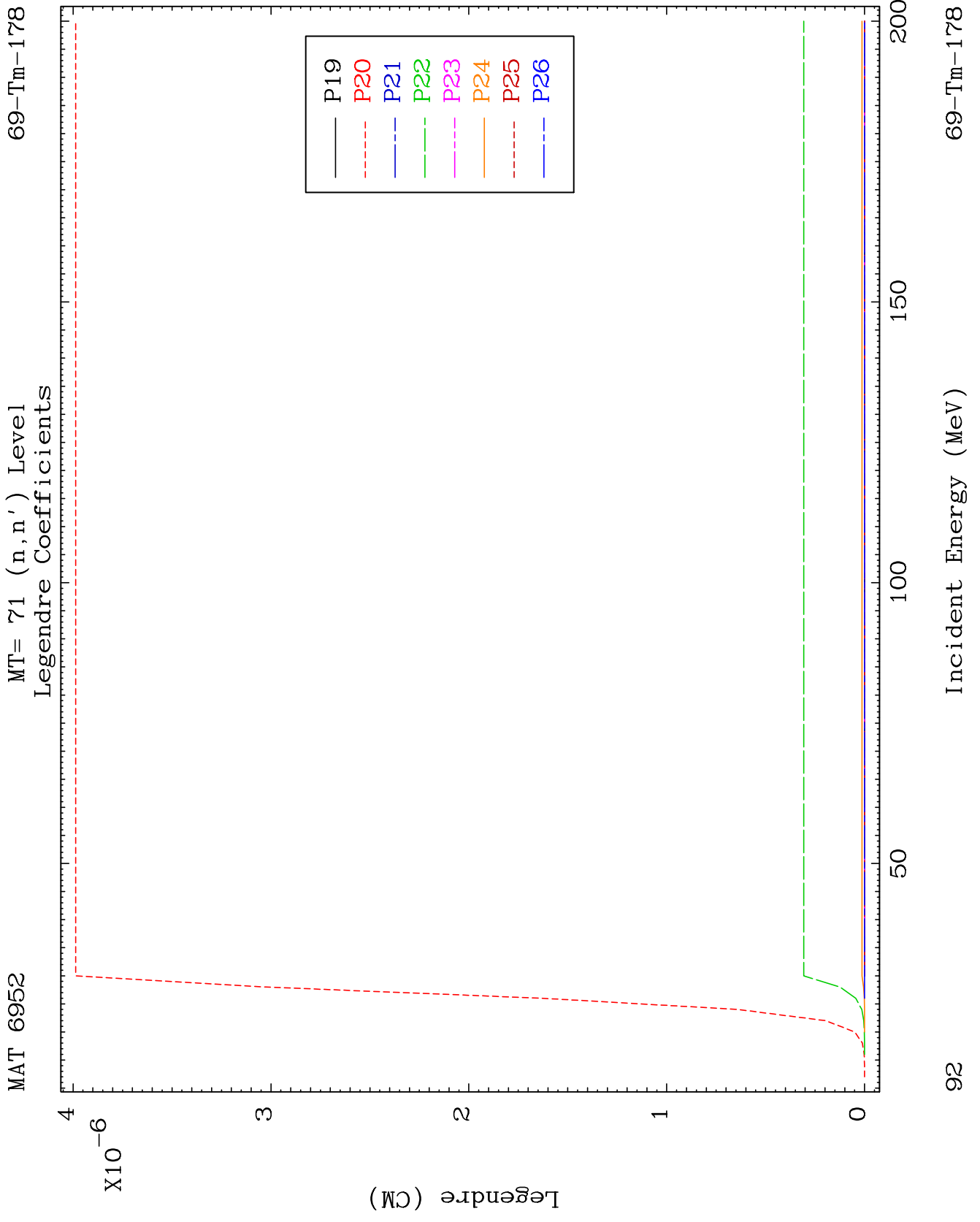
69-Tm-178



91

Incident Energy (MeV)

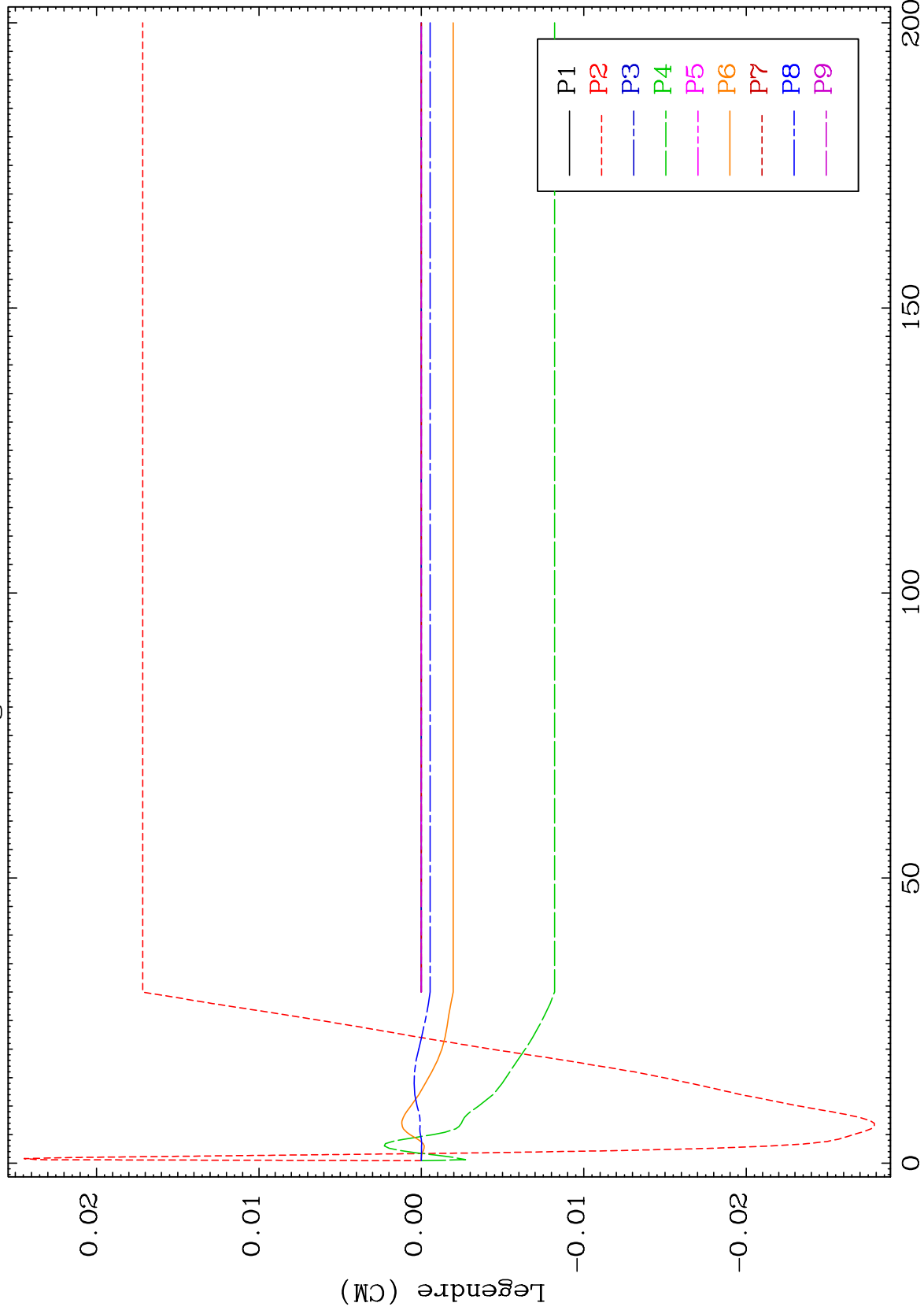
69-Tm-178



MAT 6952

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

69-Tm-178



93

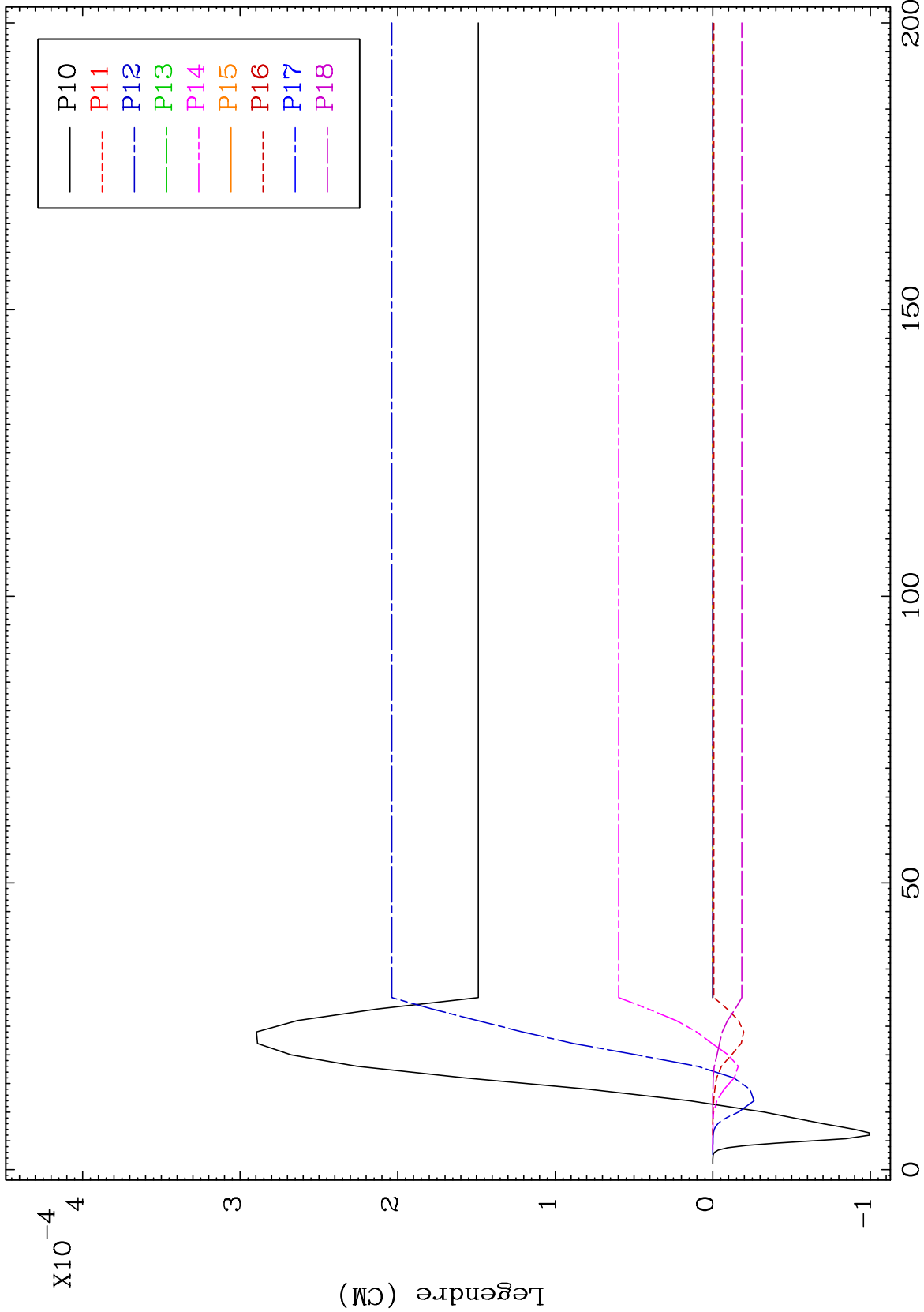
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

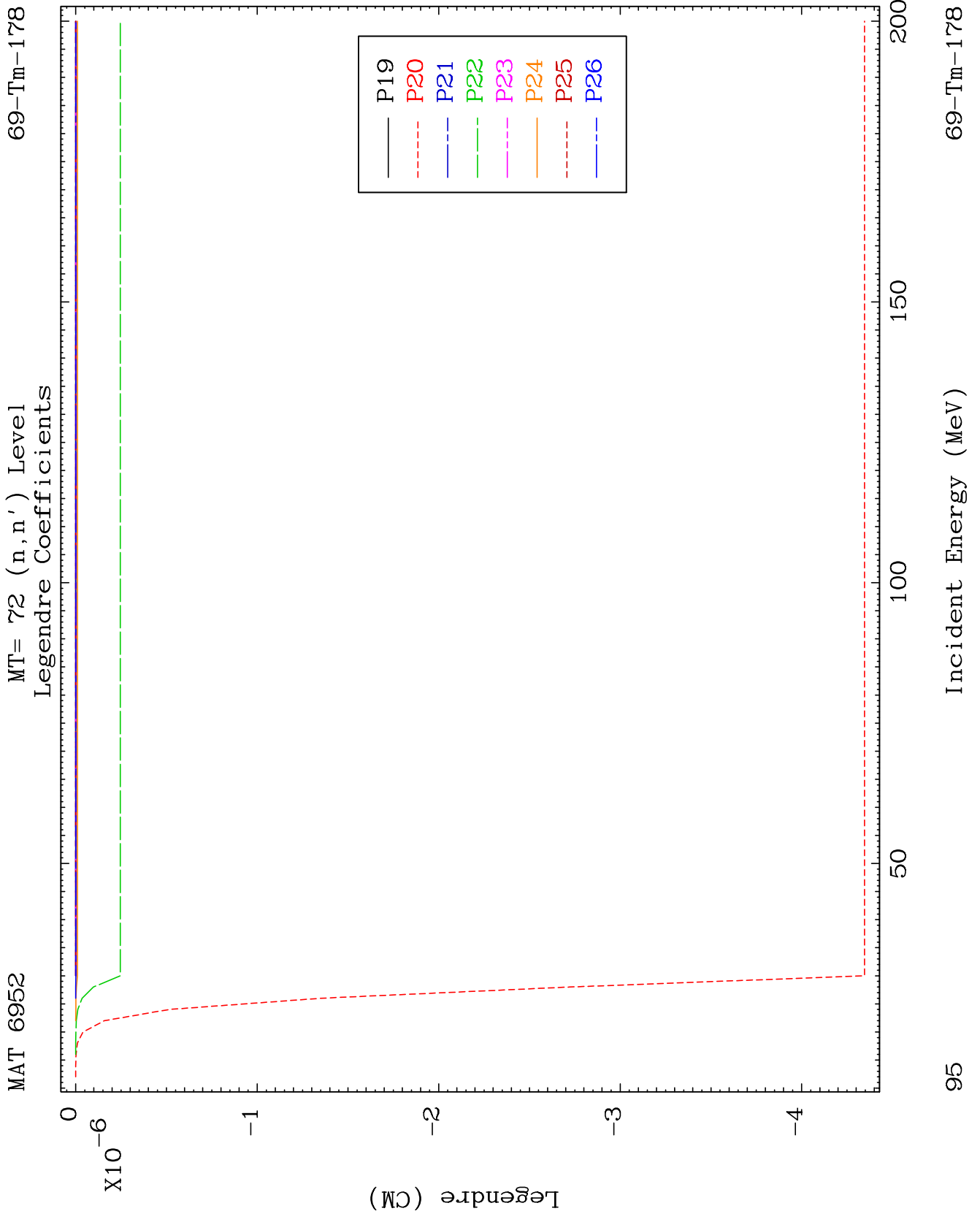
69-Tm-178



94

Incident Energy (MeV)

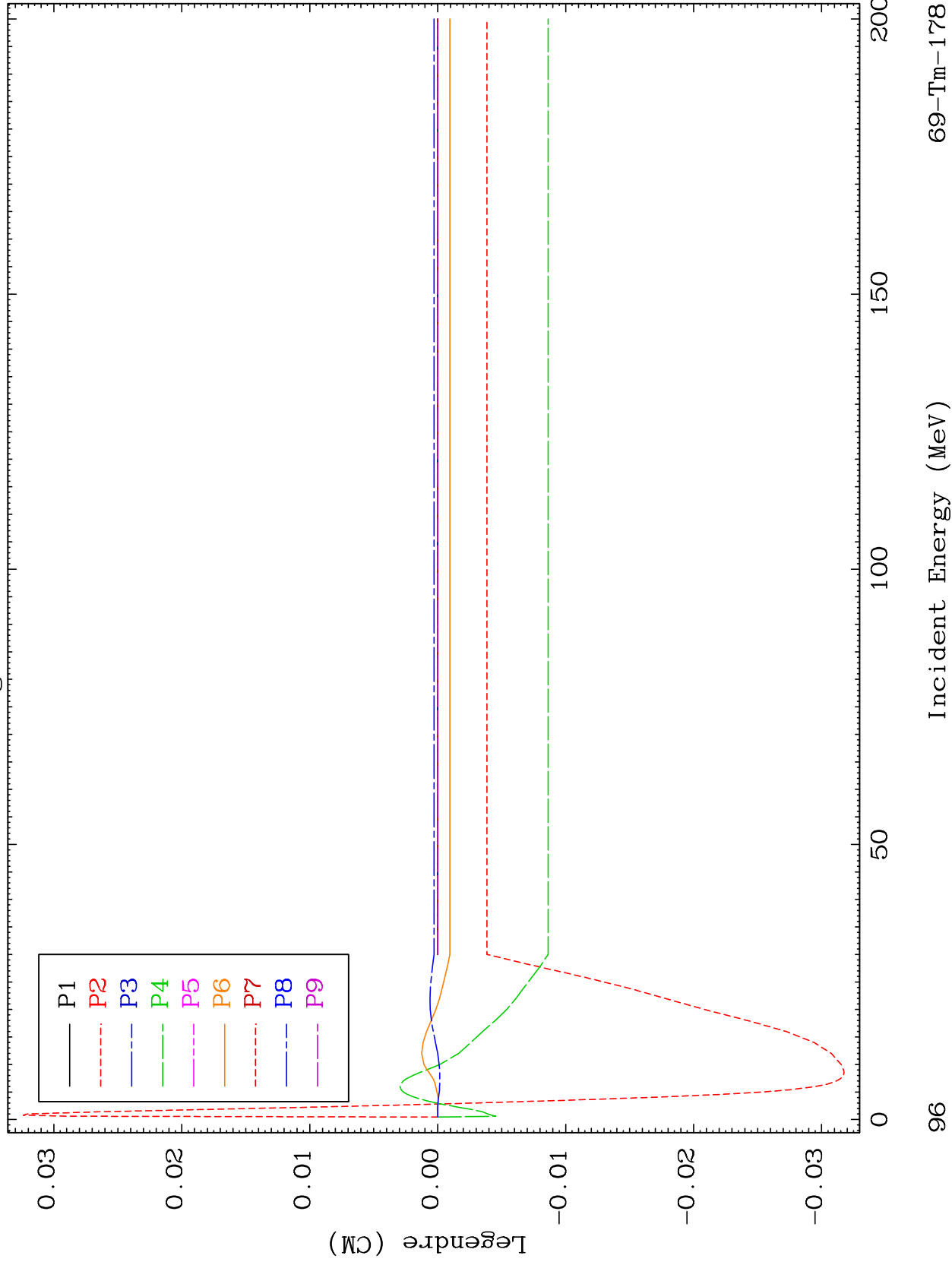
69-Tm-178



MAT 6952

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

69-Tm-178



69-Tm-178

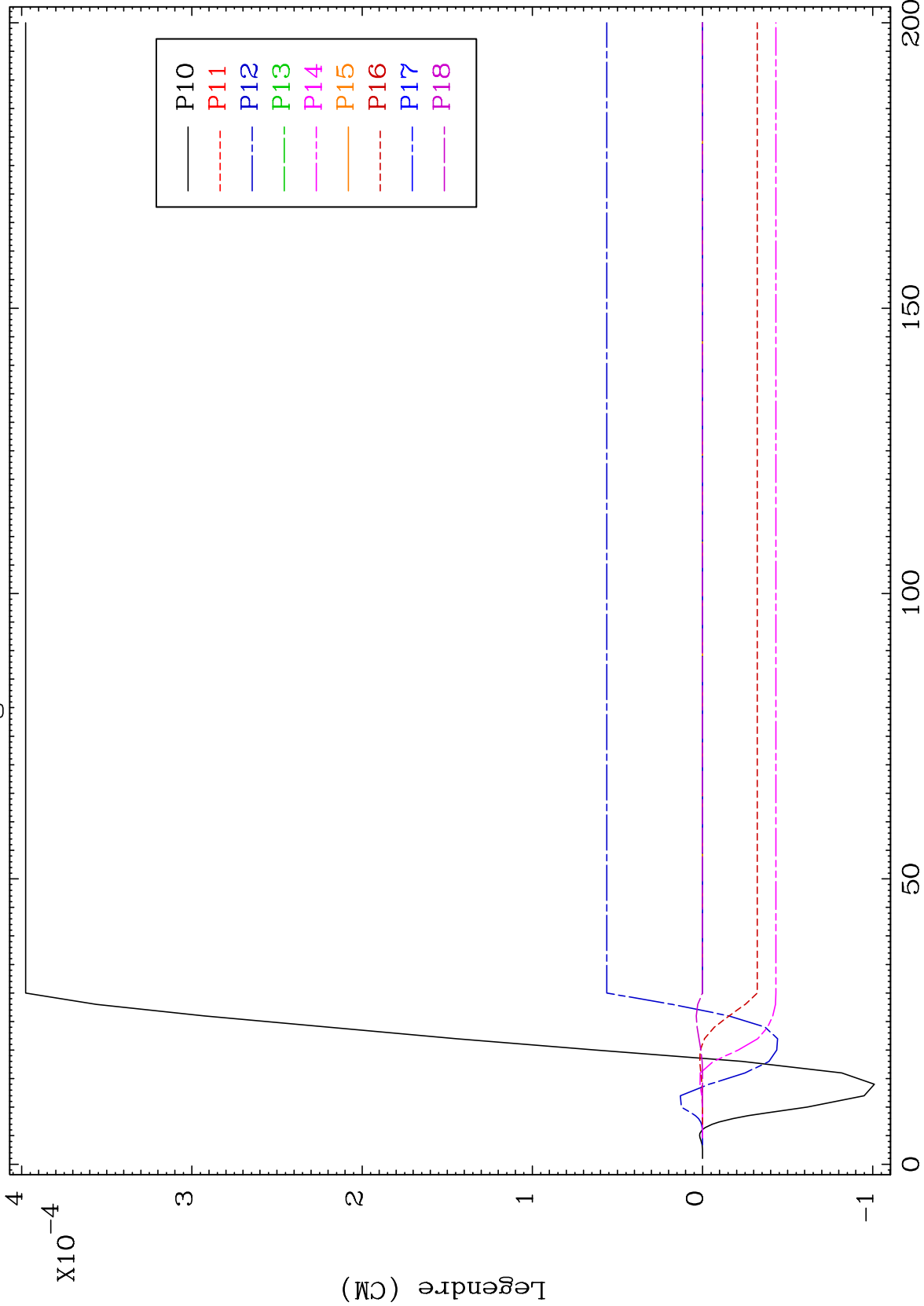
Incident Energy (MeV)

96

MAT 6952

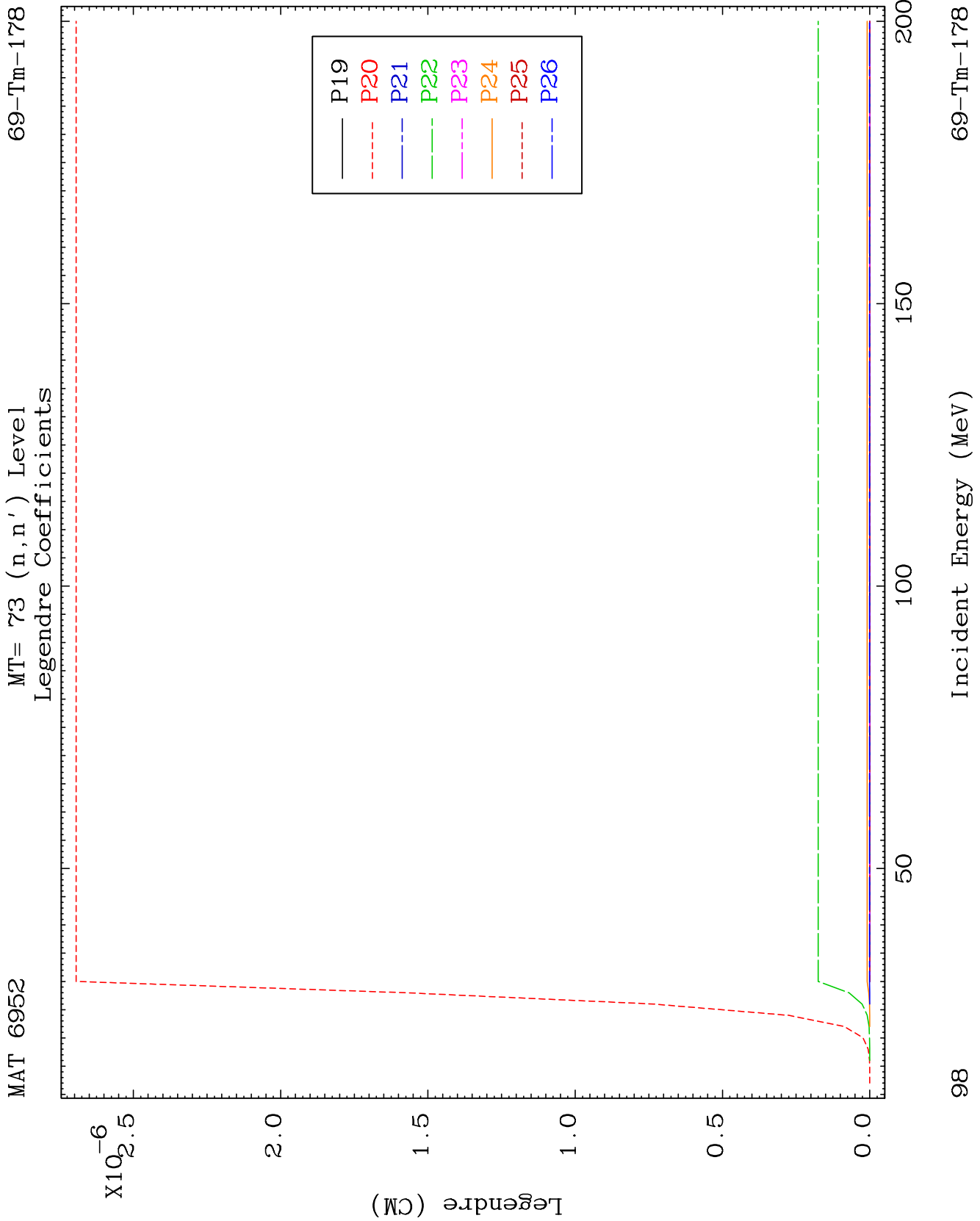
MT= 73 (n,n') Level
Legendre Coefficients

69-Tm-178



97

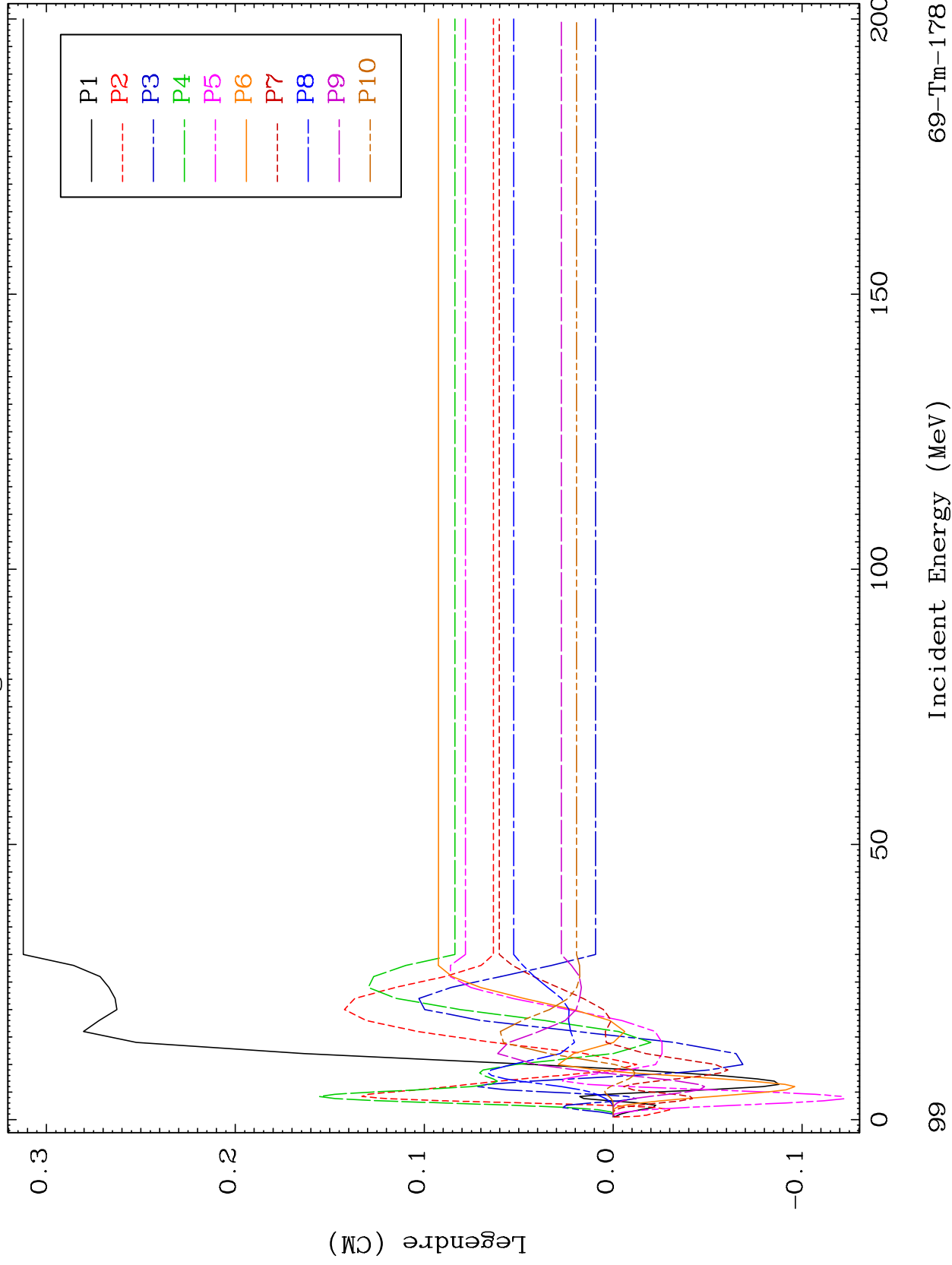
69-Tm-178



MAT 6952

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

69-Tm-178



69-Tm-178

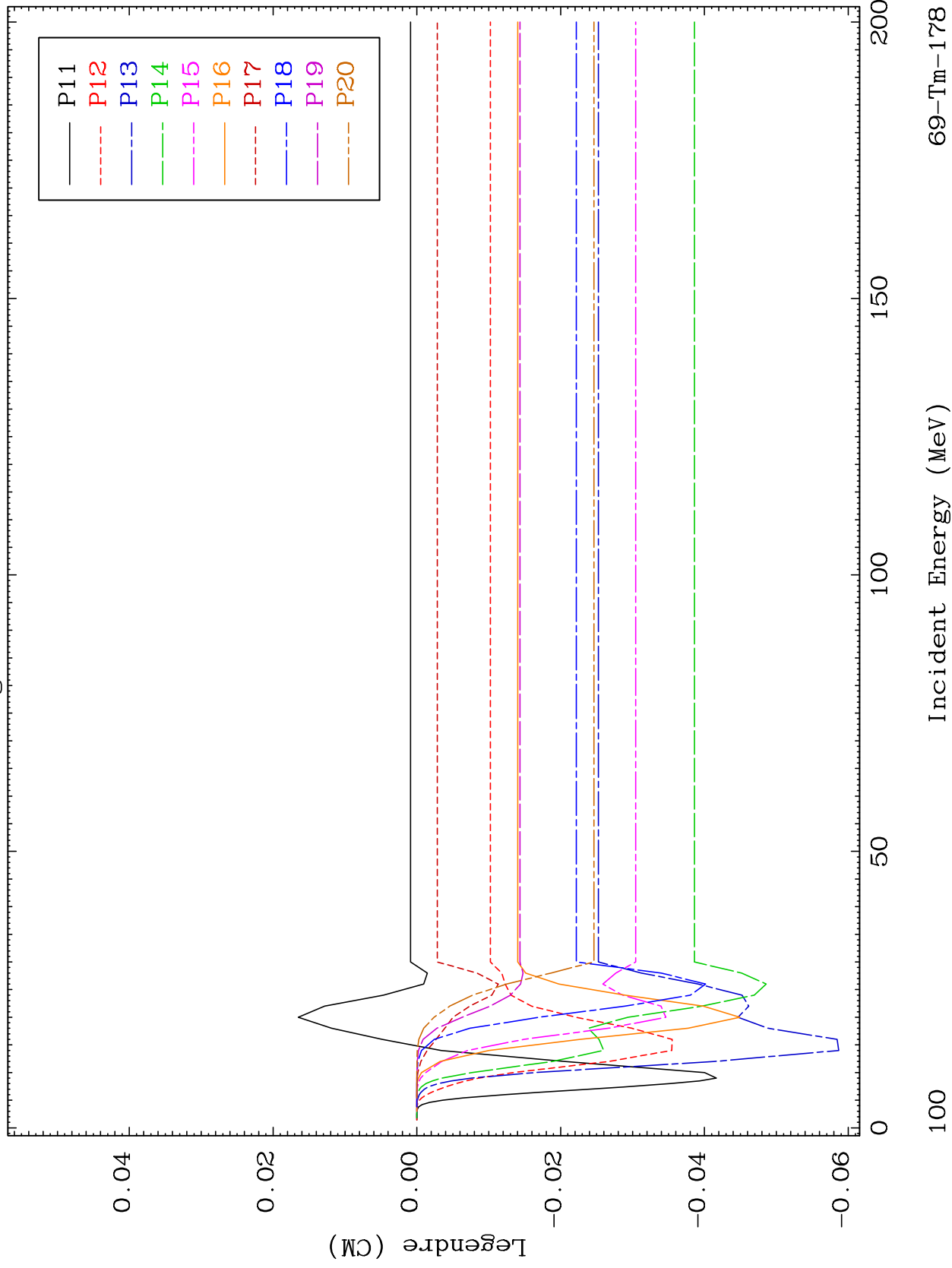
Incident Energy (MeV)

99

MAT 6952

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

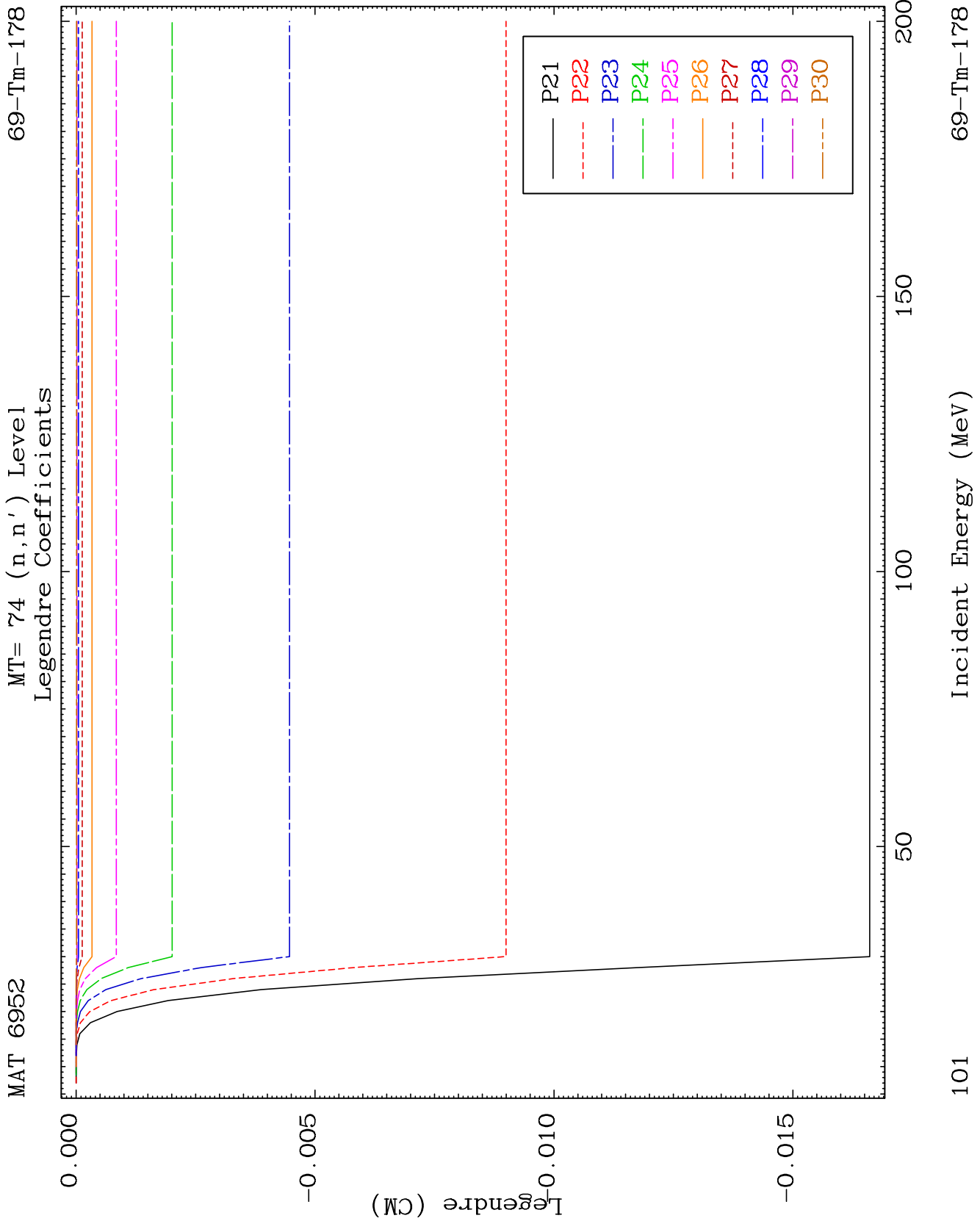
69-Tm-178

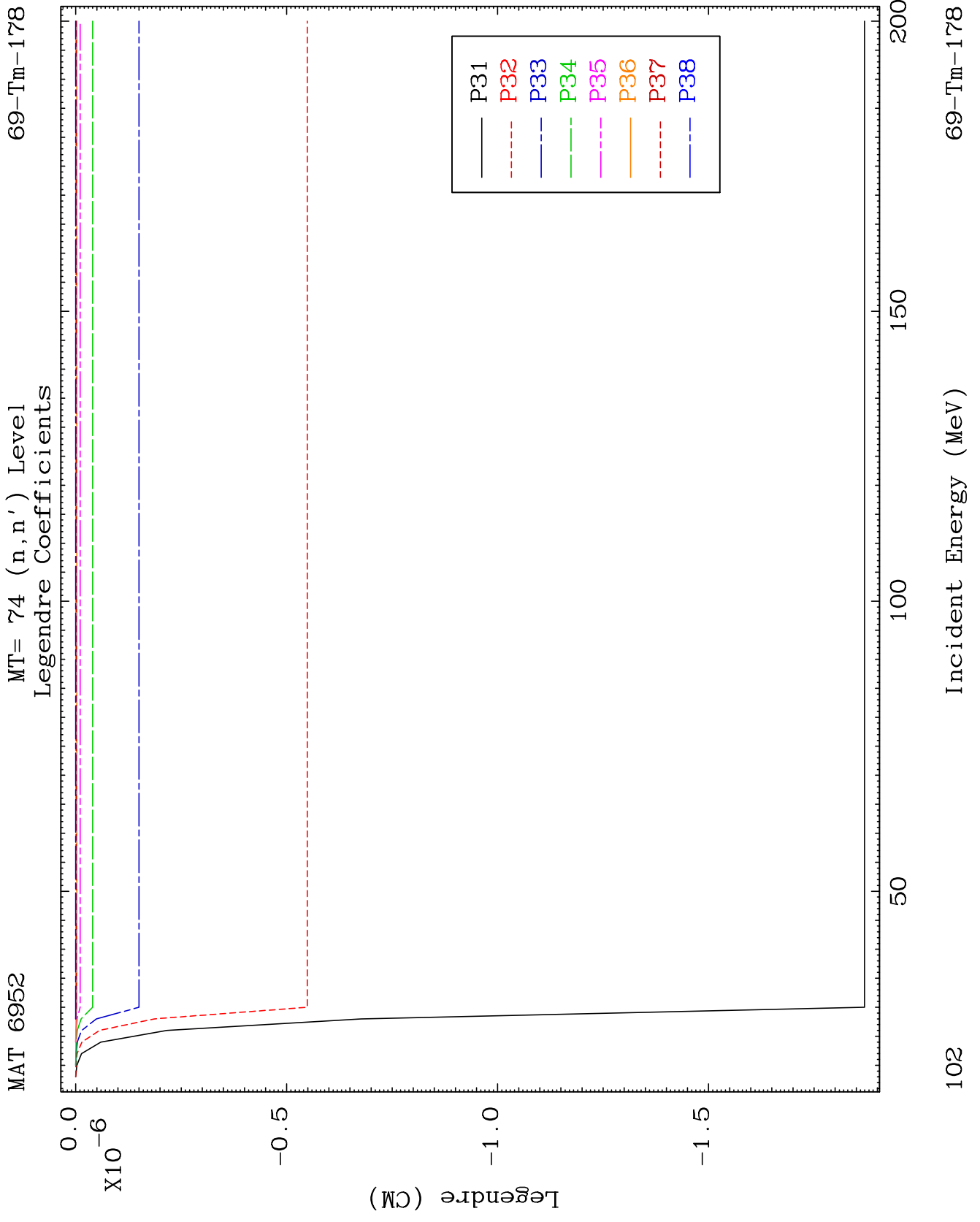


69-Tm-178

Incident Energy (MeV)

100

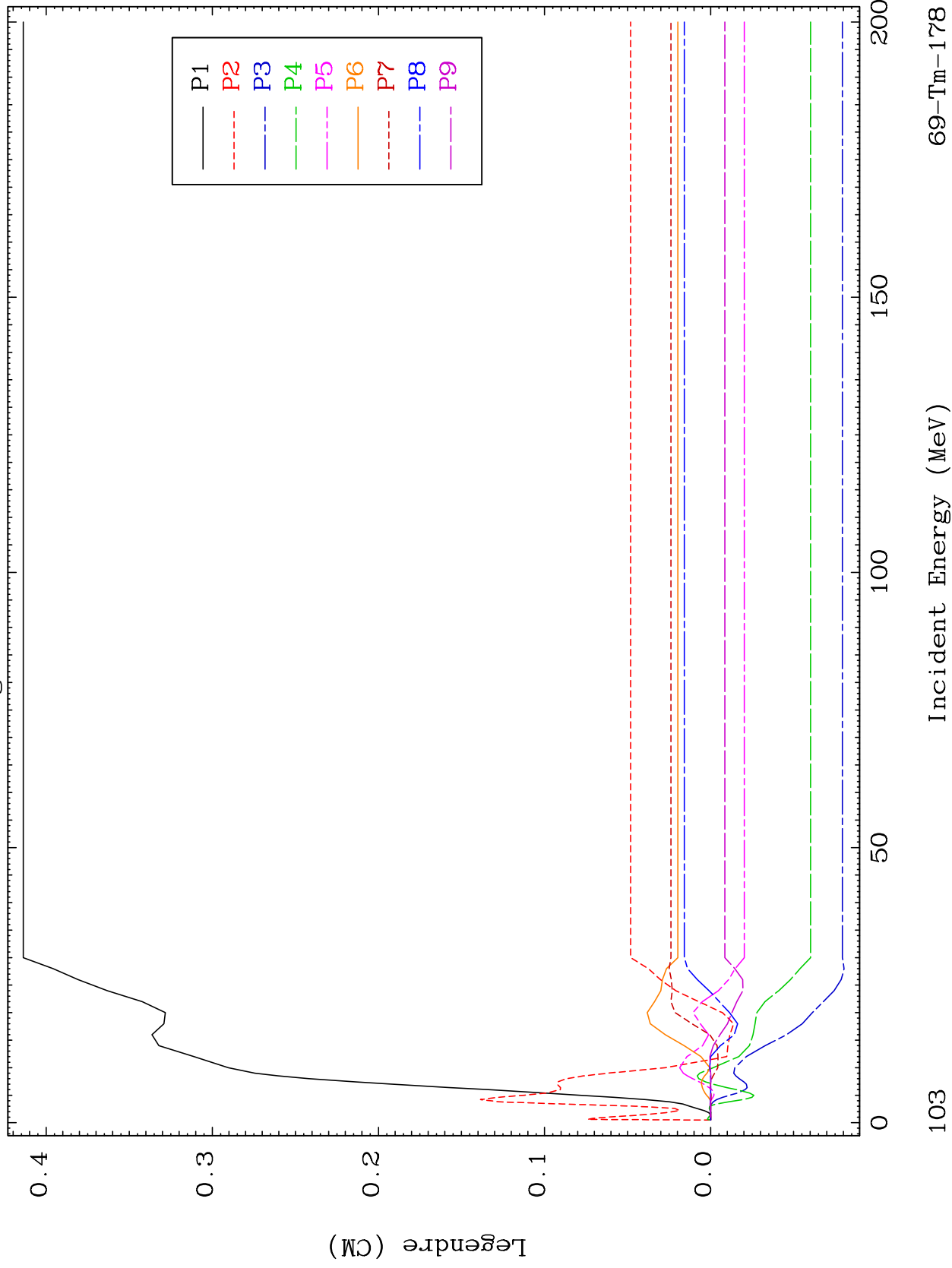




MAT 6952

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

69-Tm-178



69-Tm-178

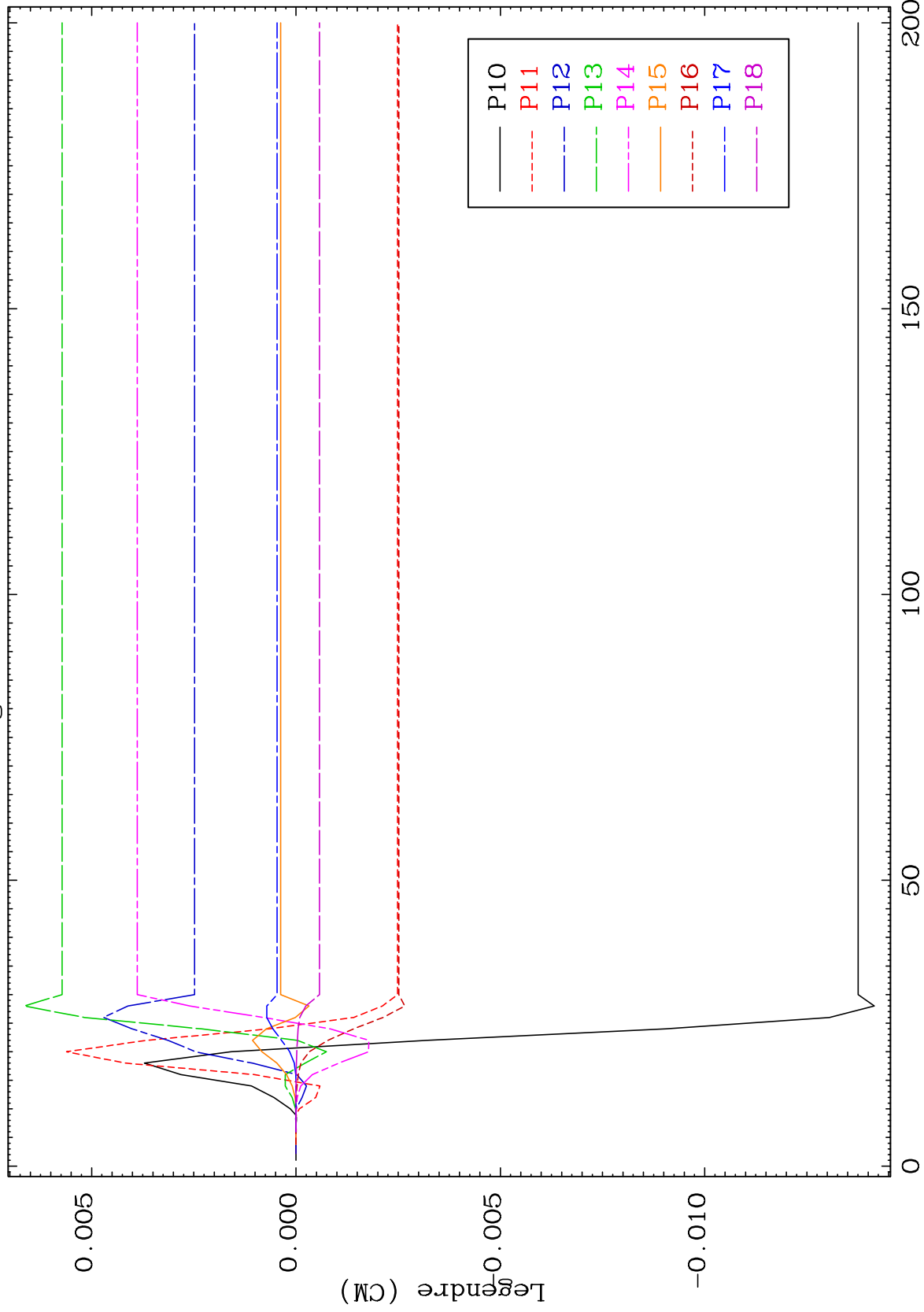
Incident Energy (MeV)

103

MAT 6952

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

69-Tm-178



104

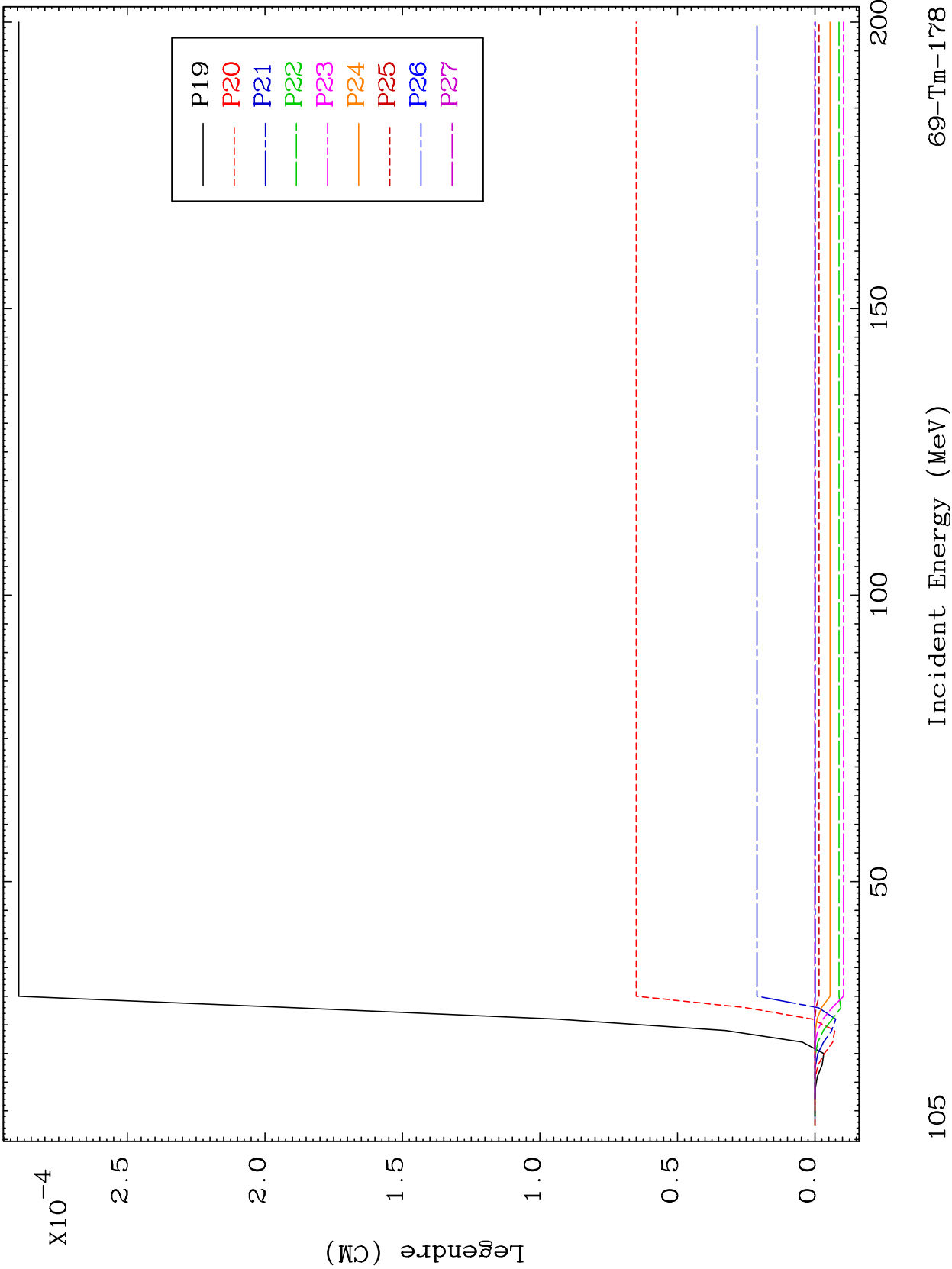
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



105

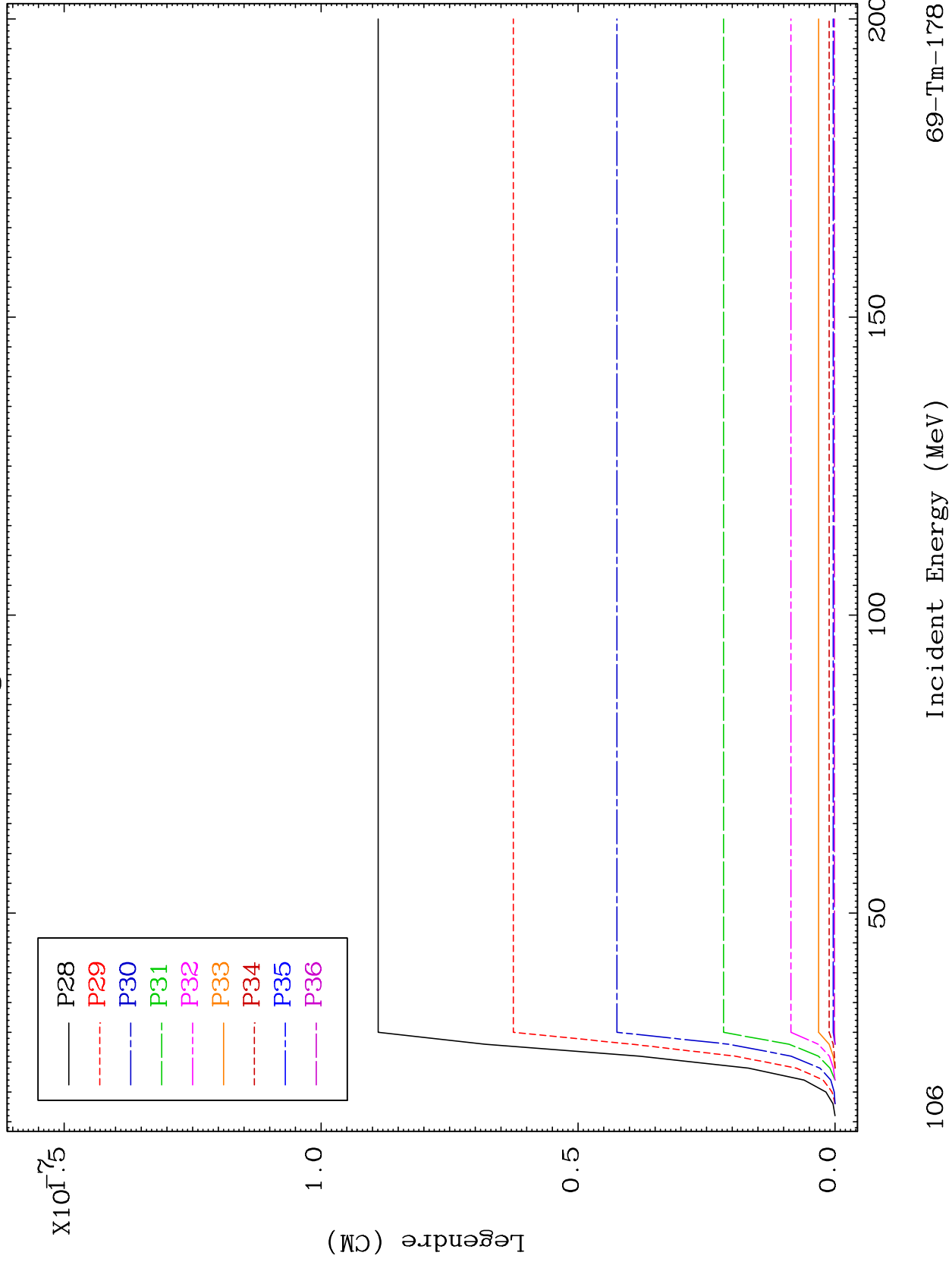
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



106

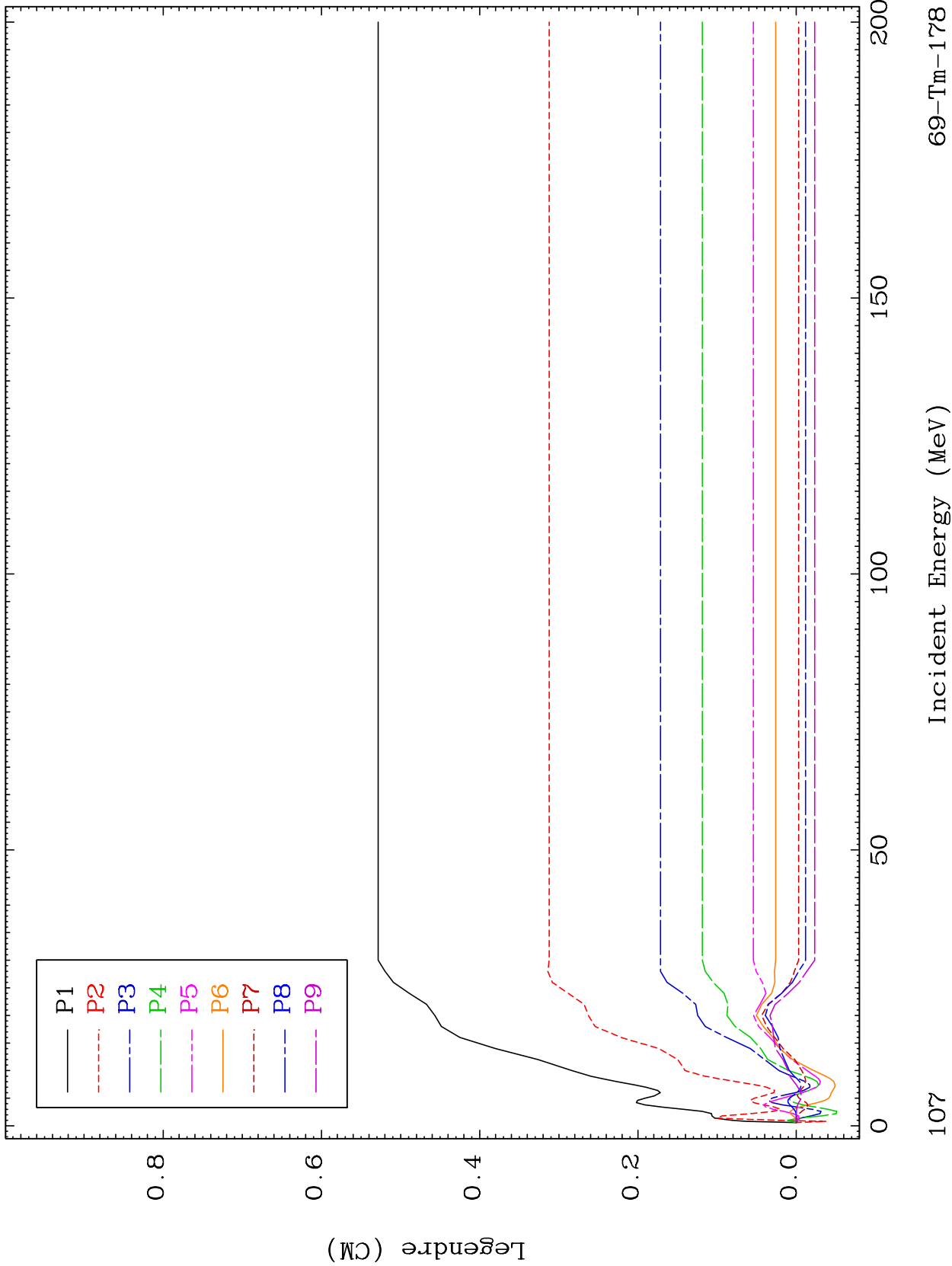
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

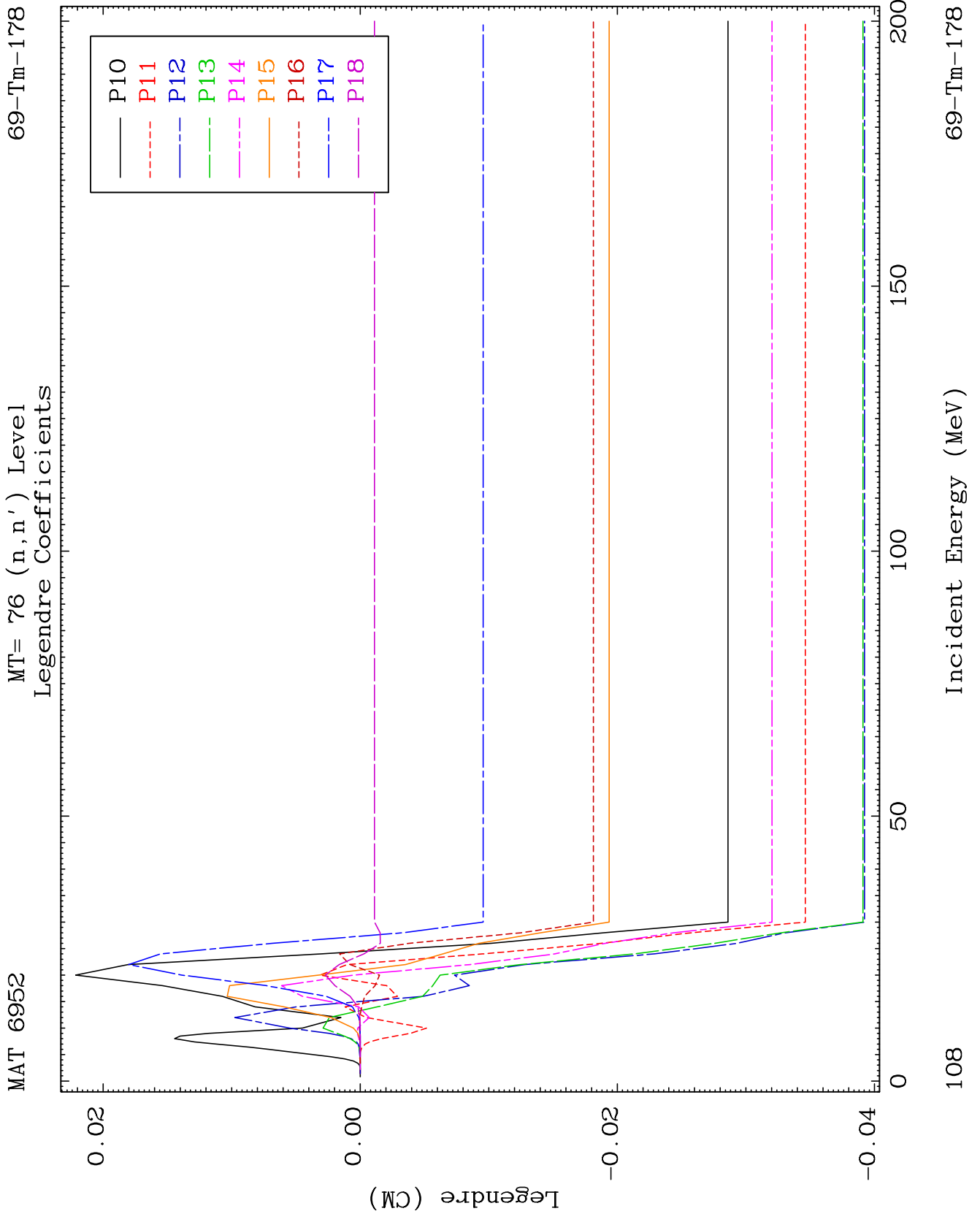
69-Tm-178



107

Incident Energy (MeV)

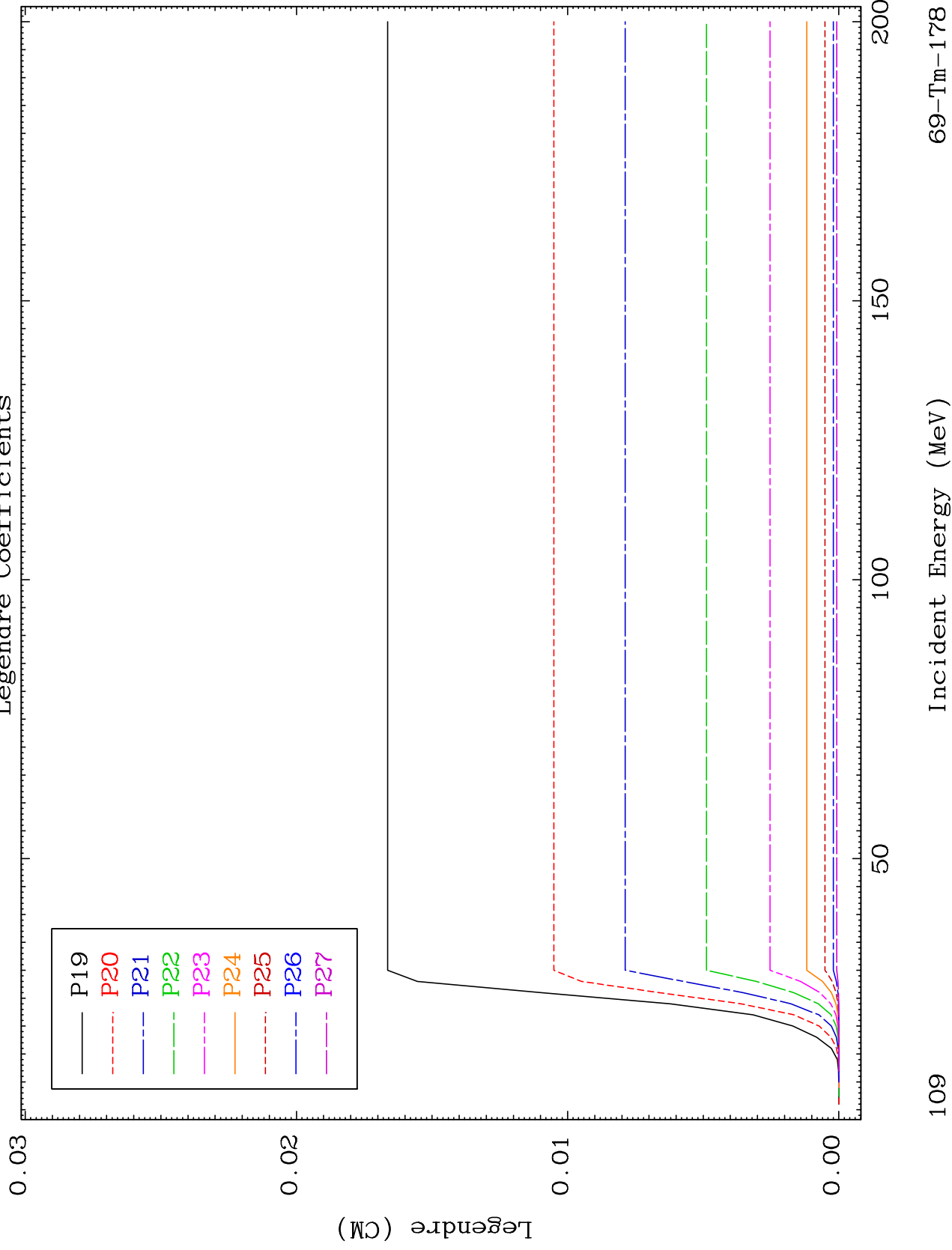
69-Tm-178



MAT 6952

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

69-Tm-178



109

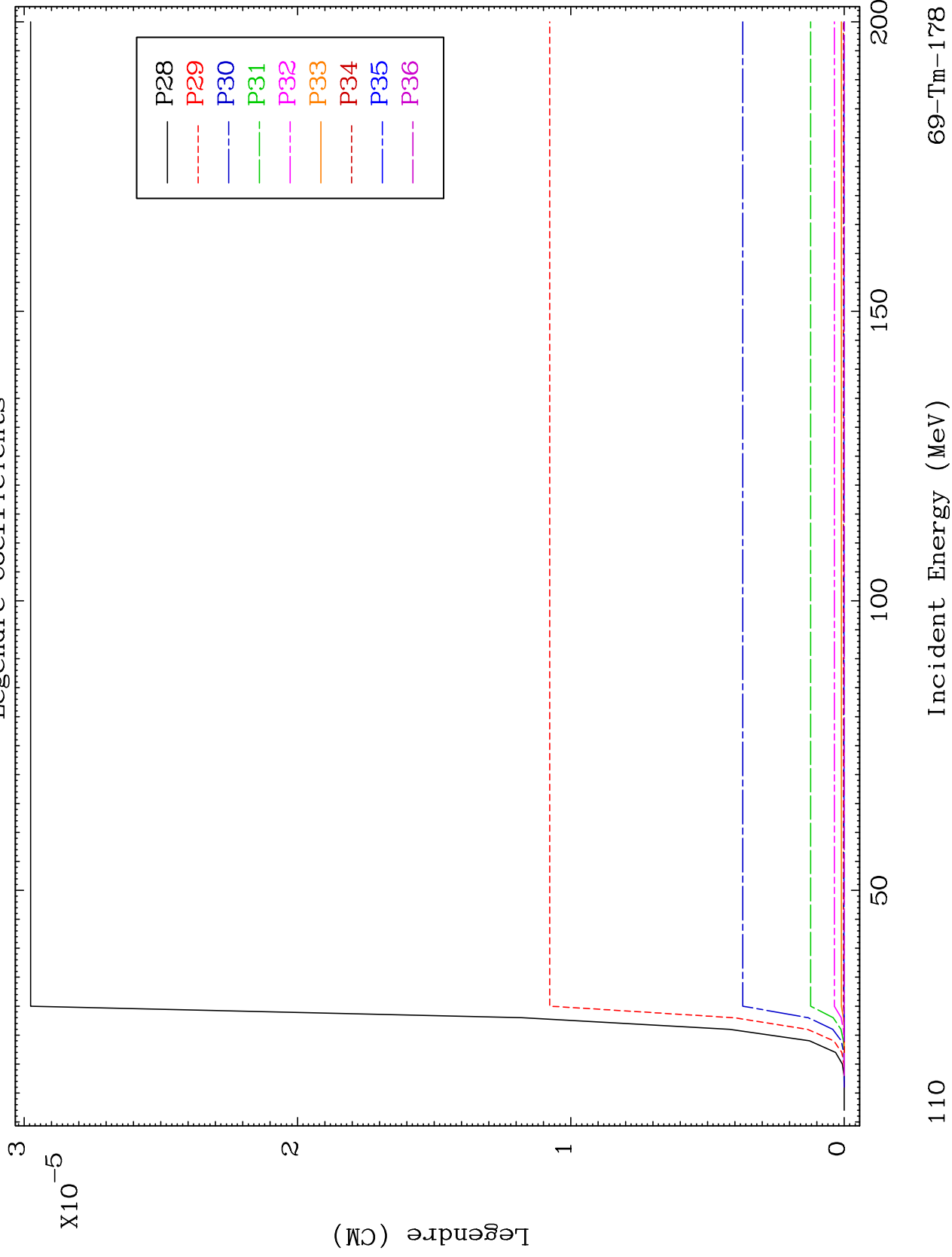
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

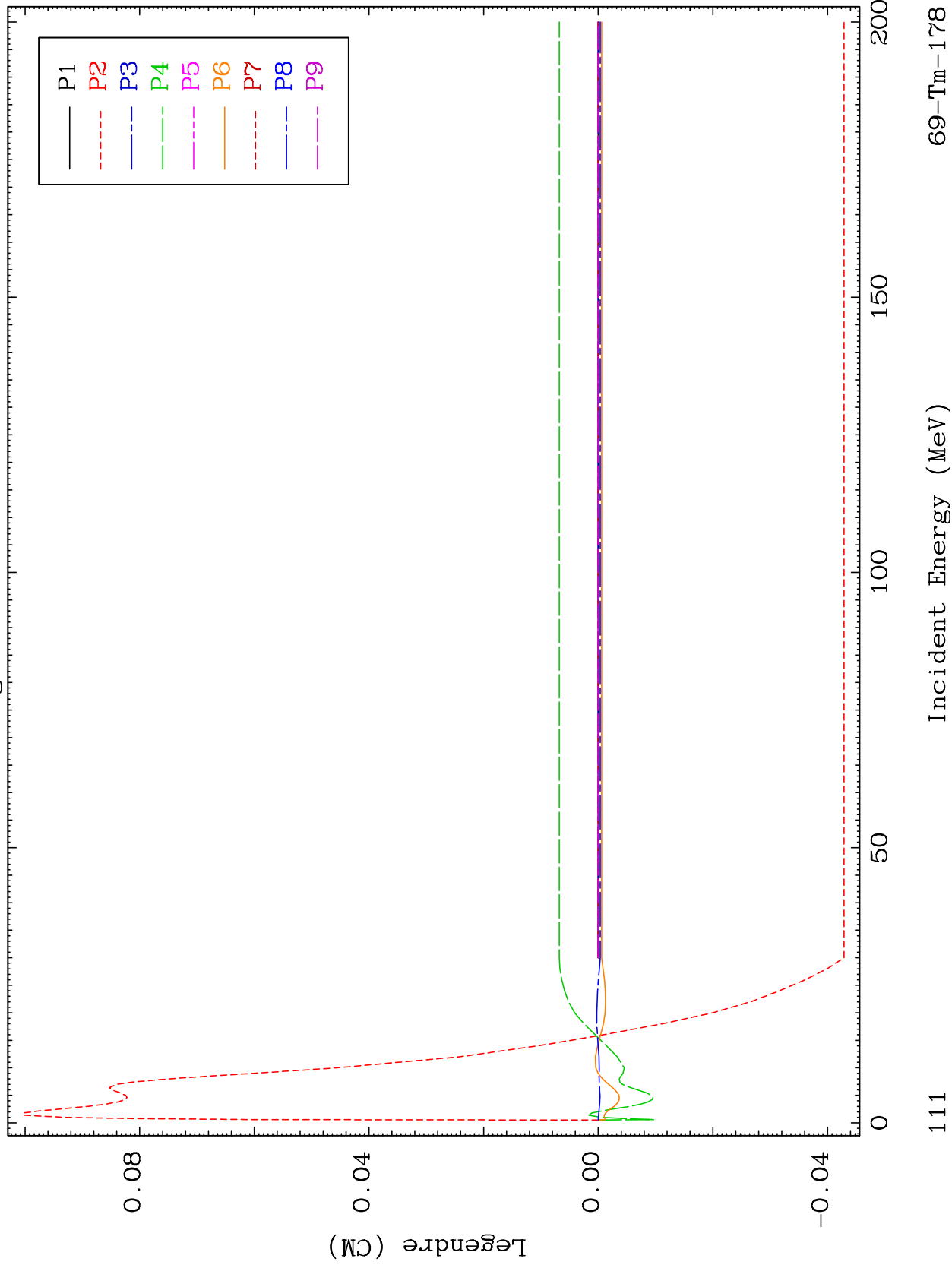
69-Tm-178



MAT 6952

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

69-Tm-178

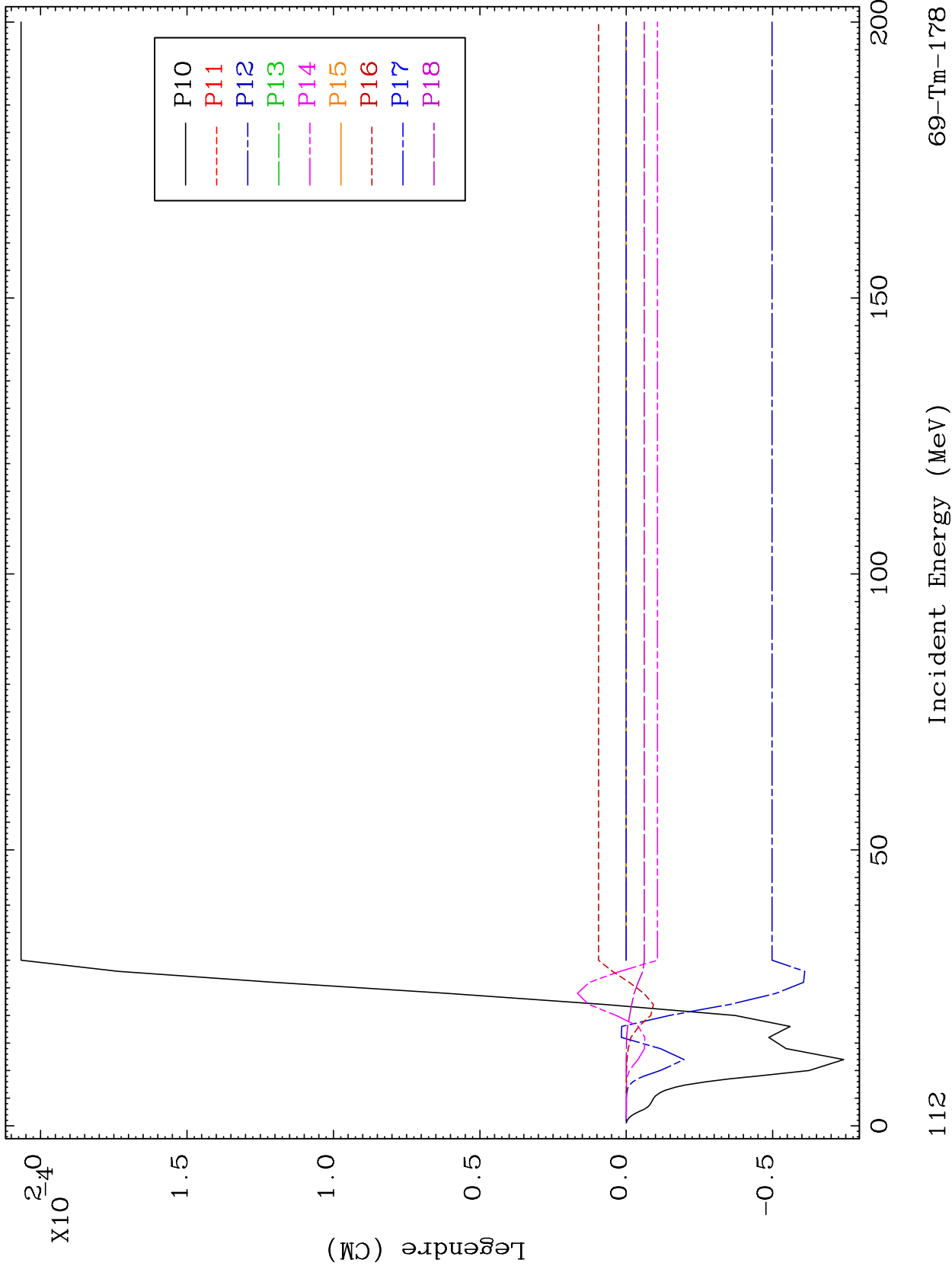


111

MAT 6952

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

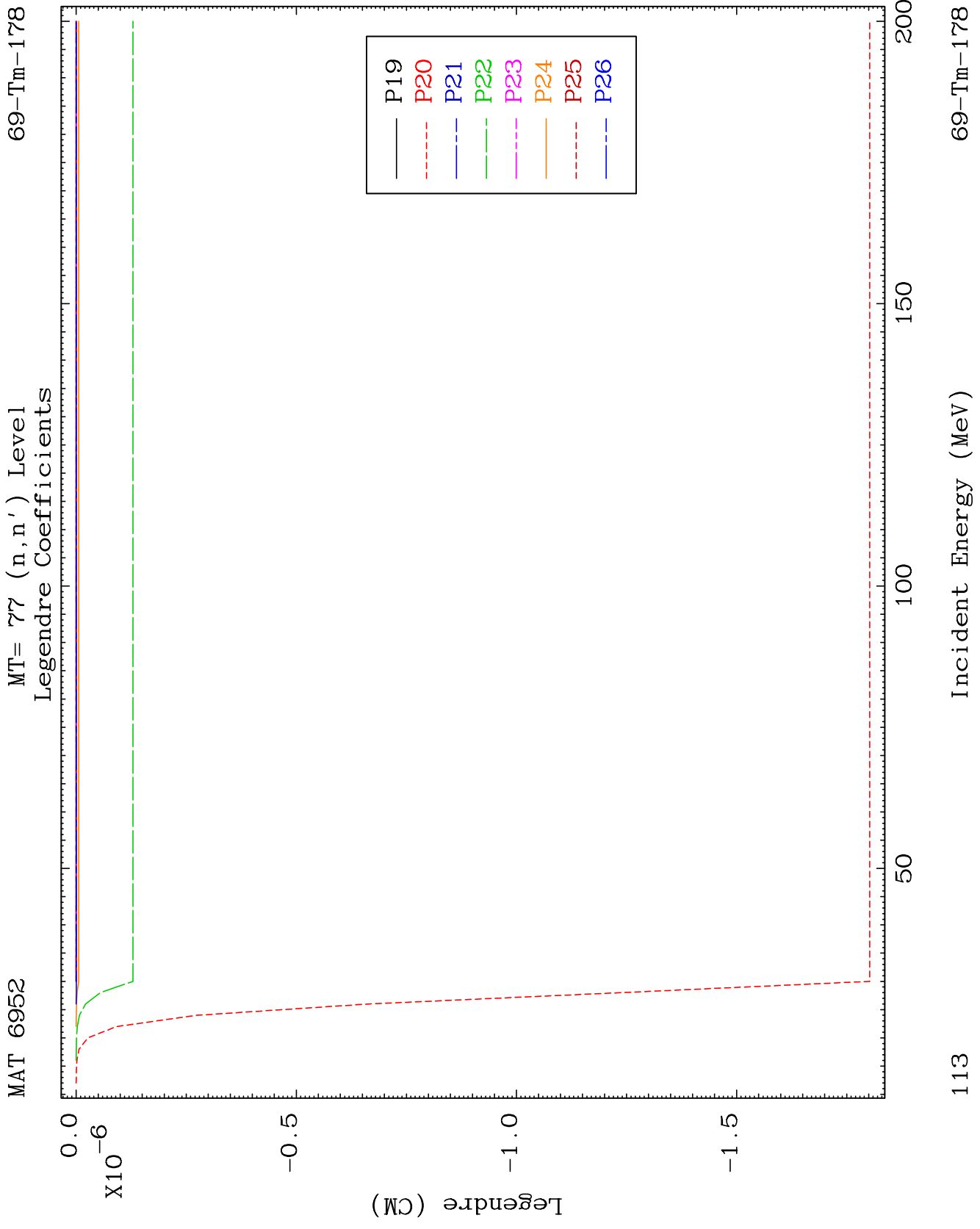
69-Tm-178



69-Tm-178

Incident Energy (MeV)

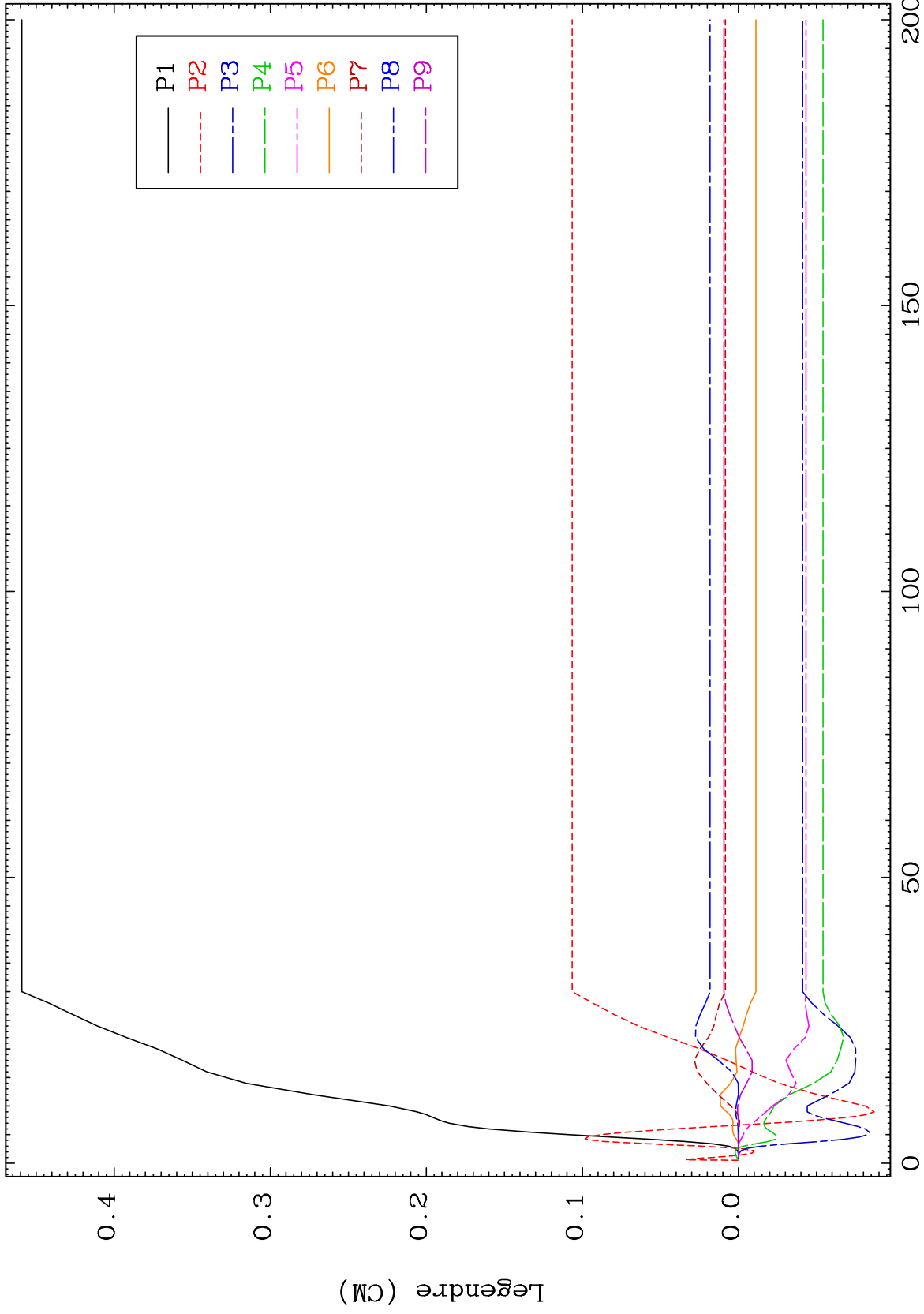
112



MAT 6952

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

69-Tm-178



114

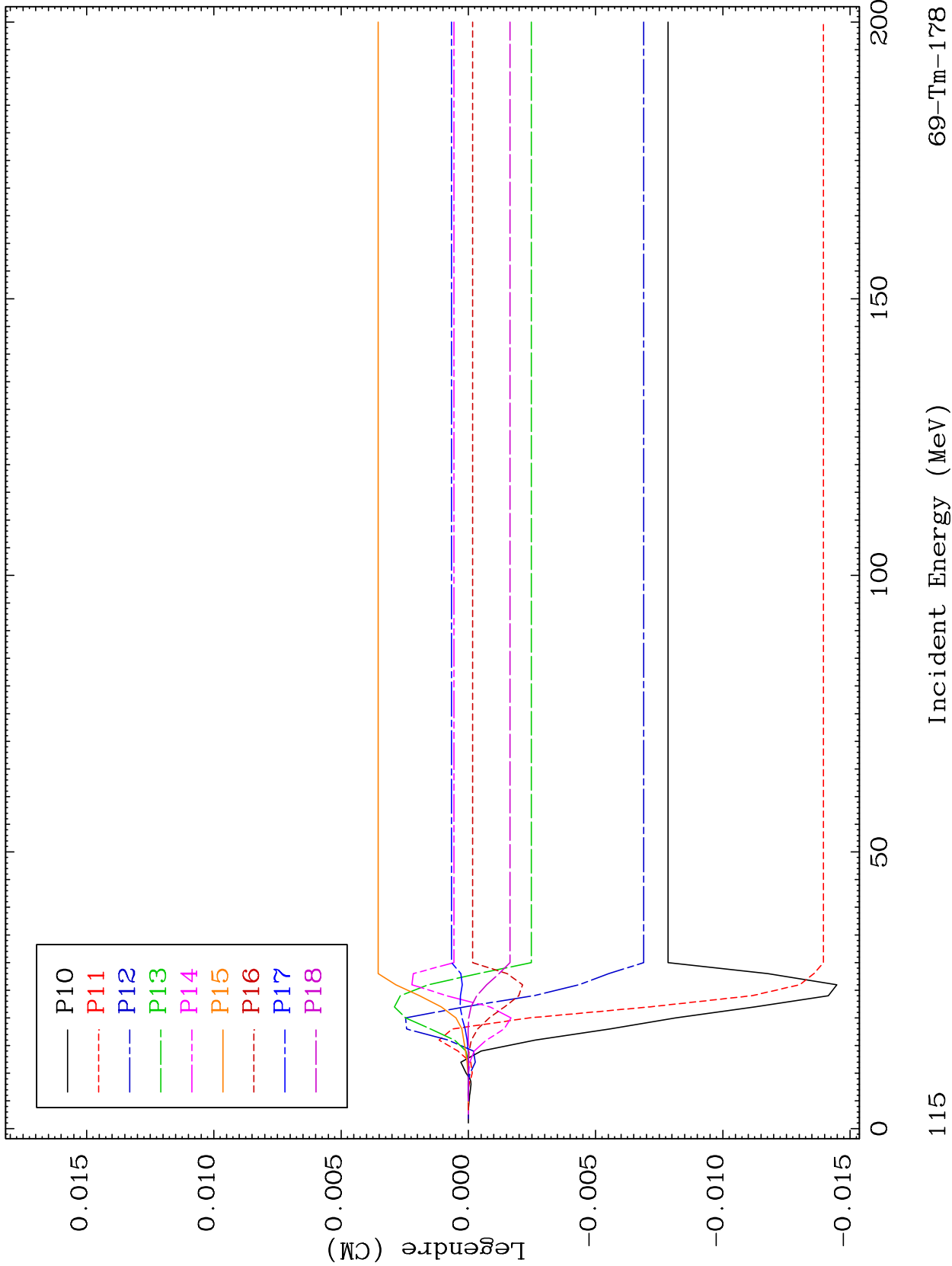
Incident Energy (MeV)

69-Tm-178

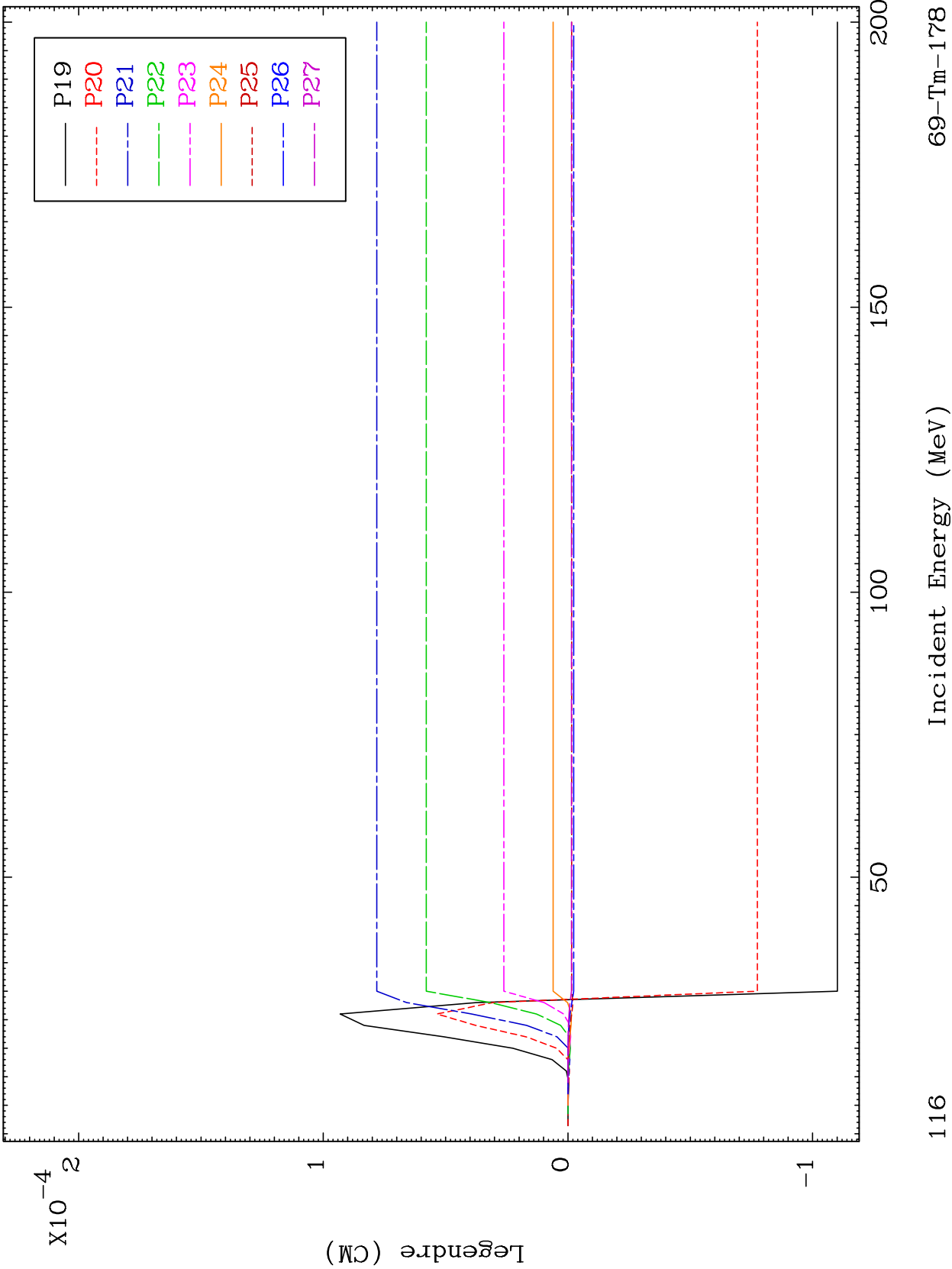
MAT 6952

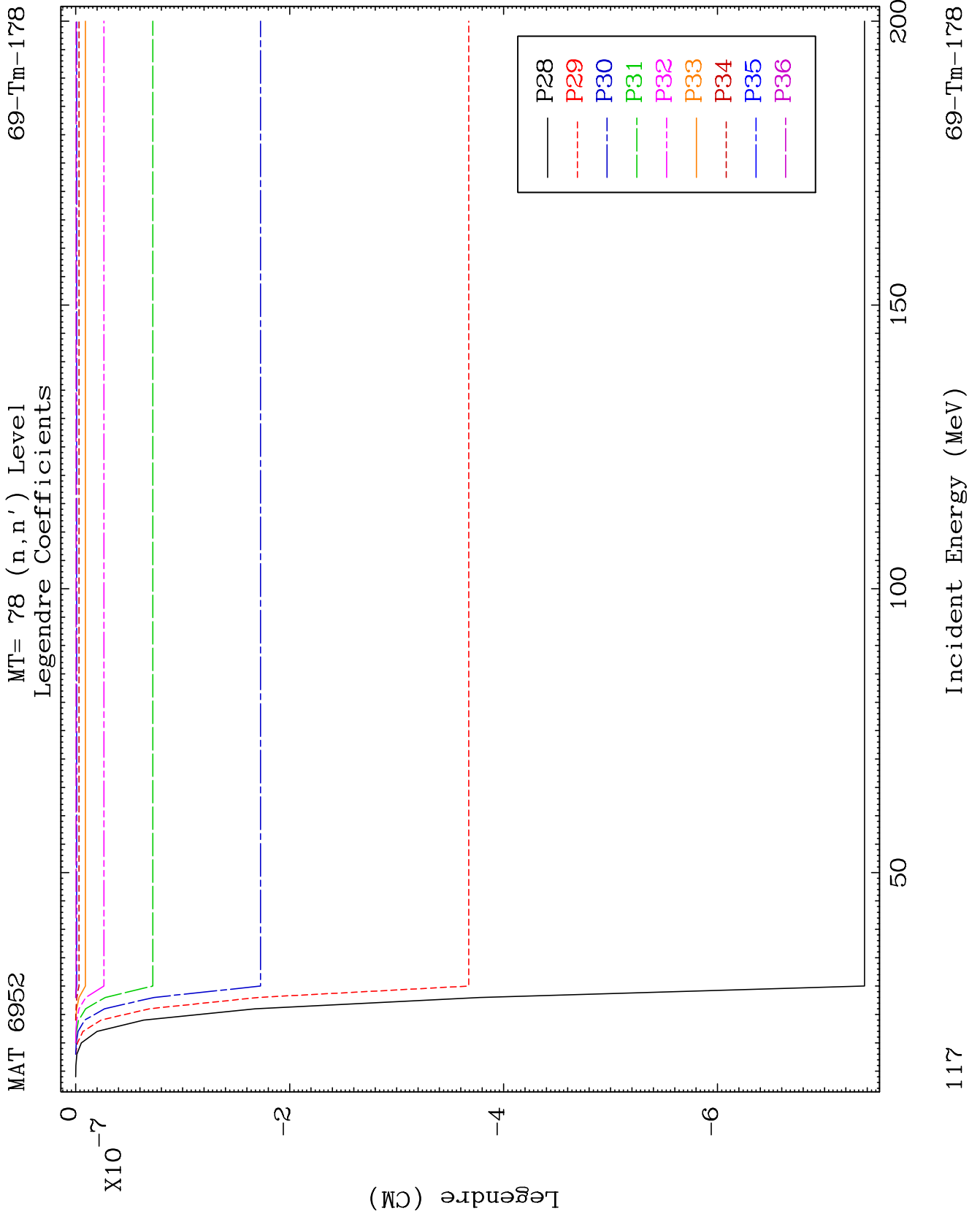
MT= 78 (n,n') Level
Legendre Coefficients

69-Tm-178



115

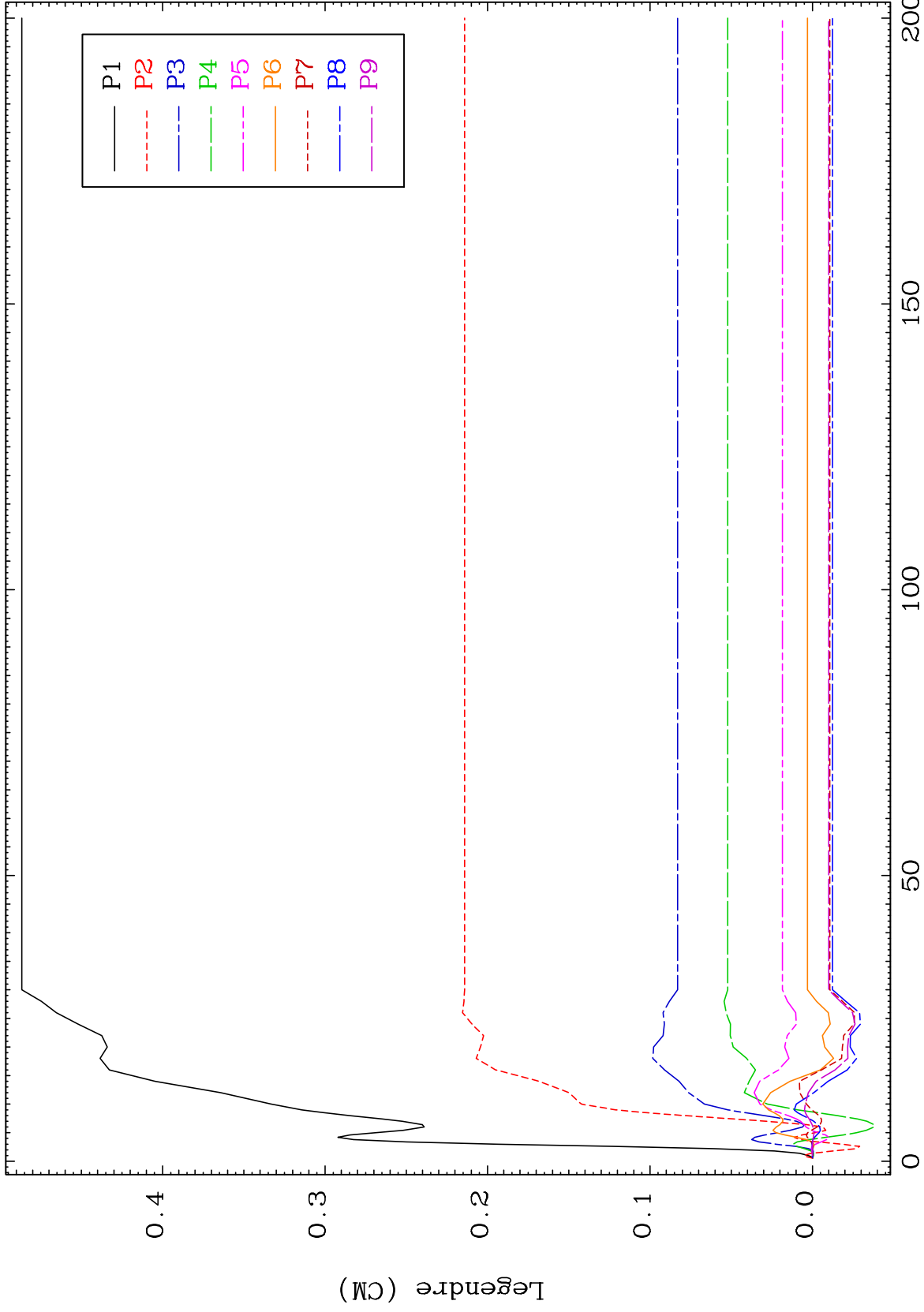




MAT 6952

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

69-Tm-178



118

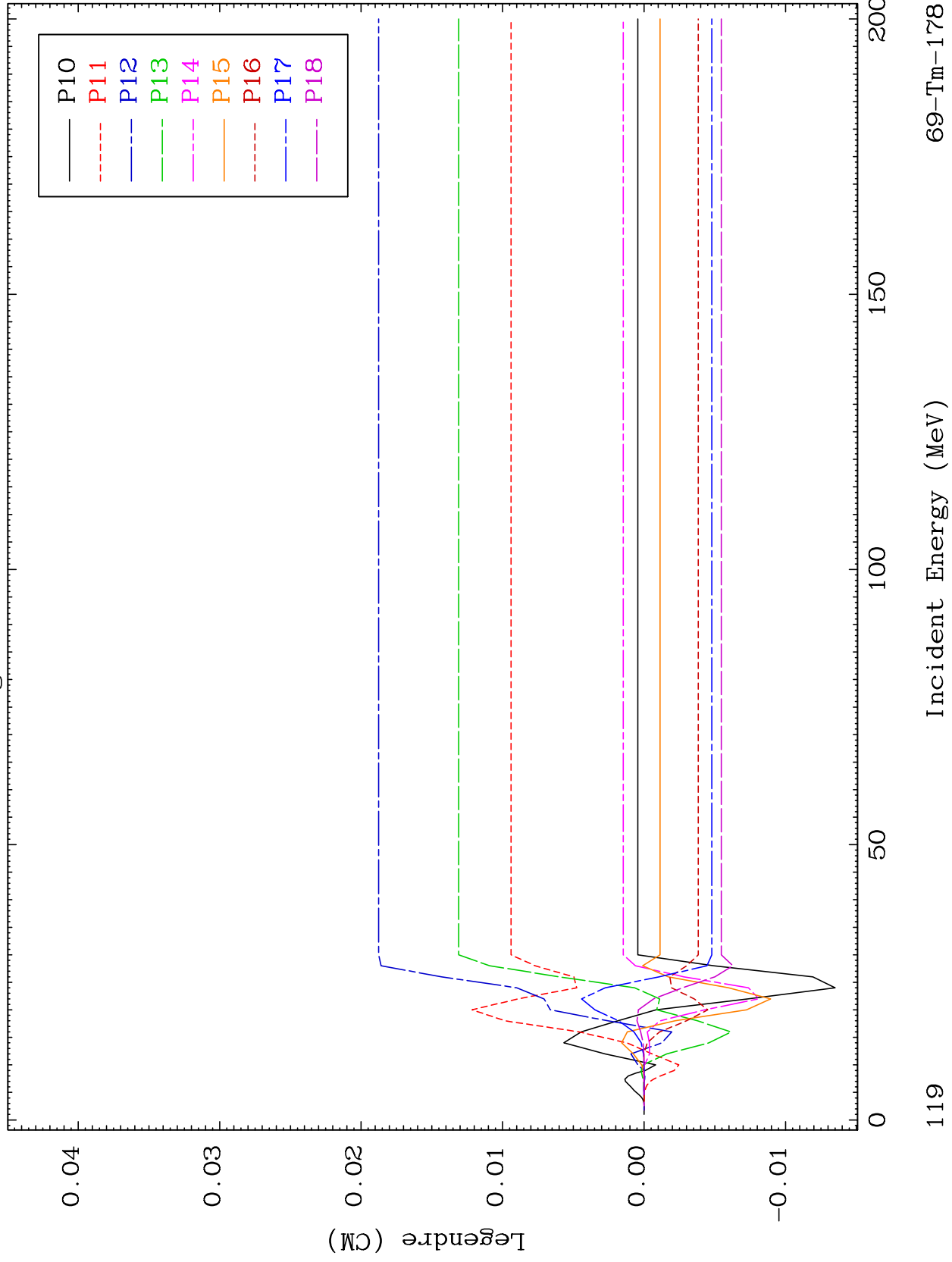
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



119

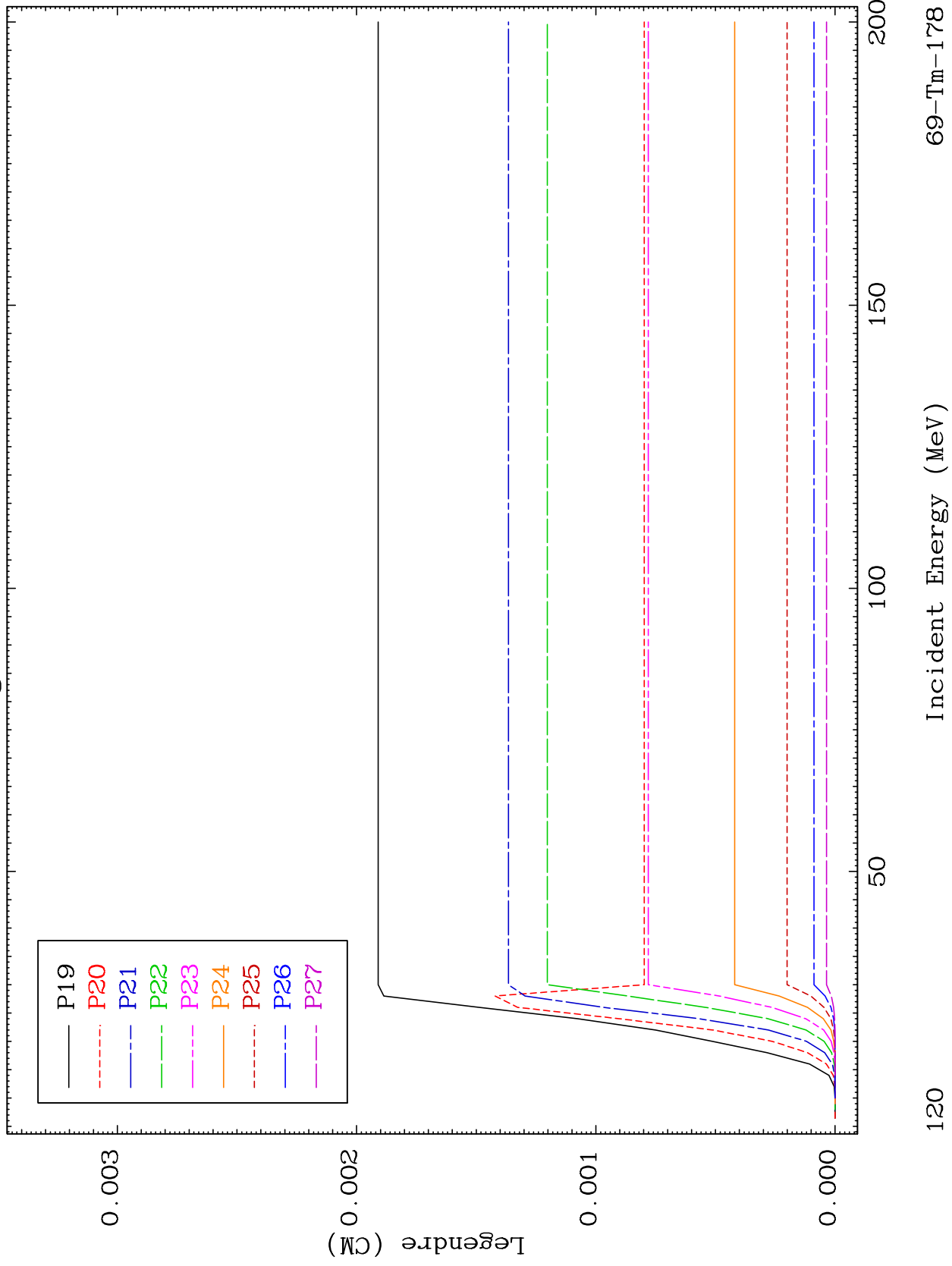
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



69-Tm-178

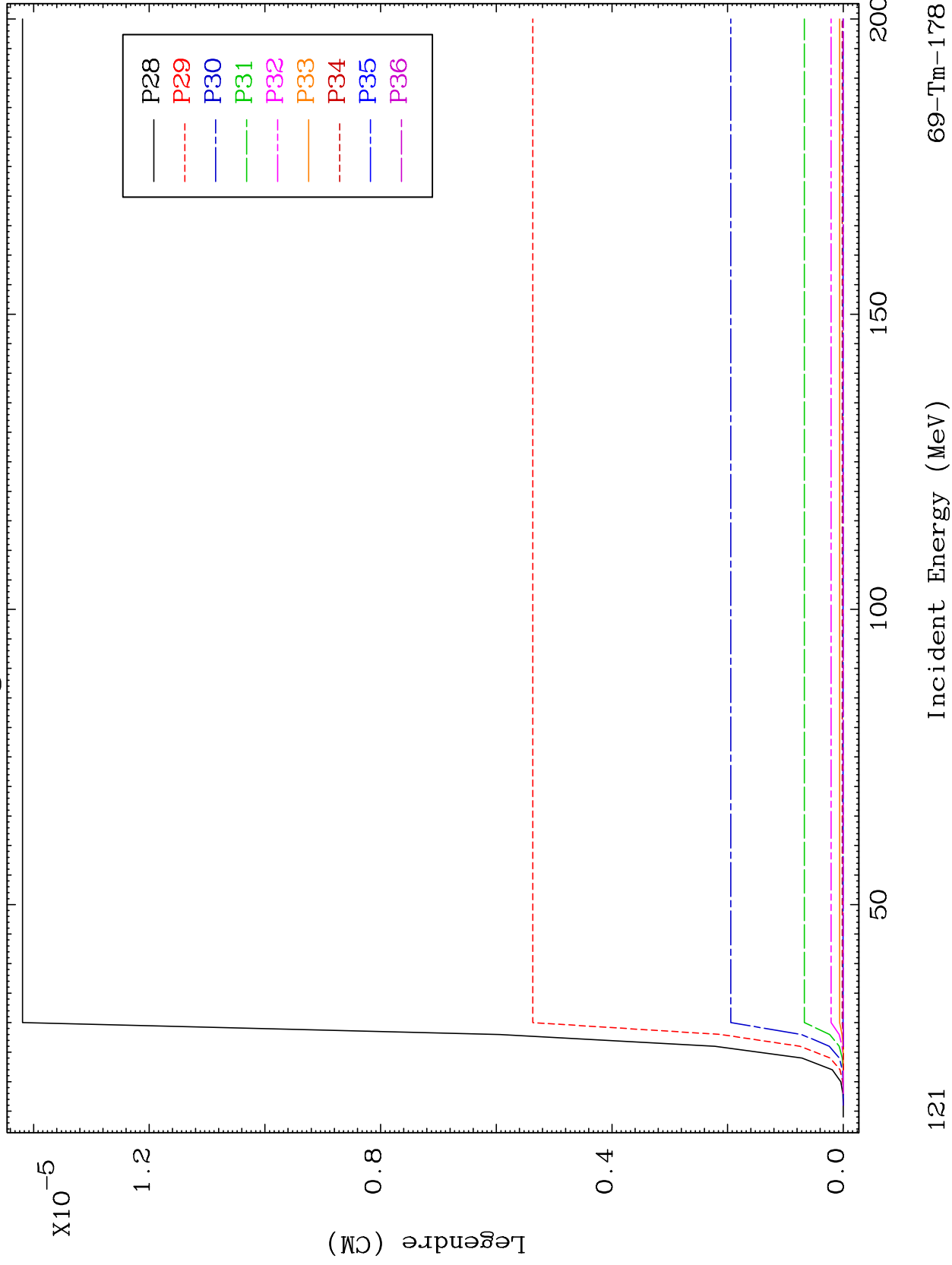
Incident Energy (MeV)

120

MAT 6952

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

69-Tm-178



121

Incident Energy (MeV)

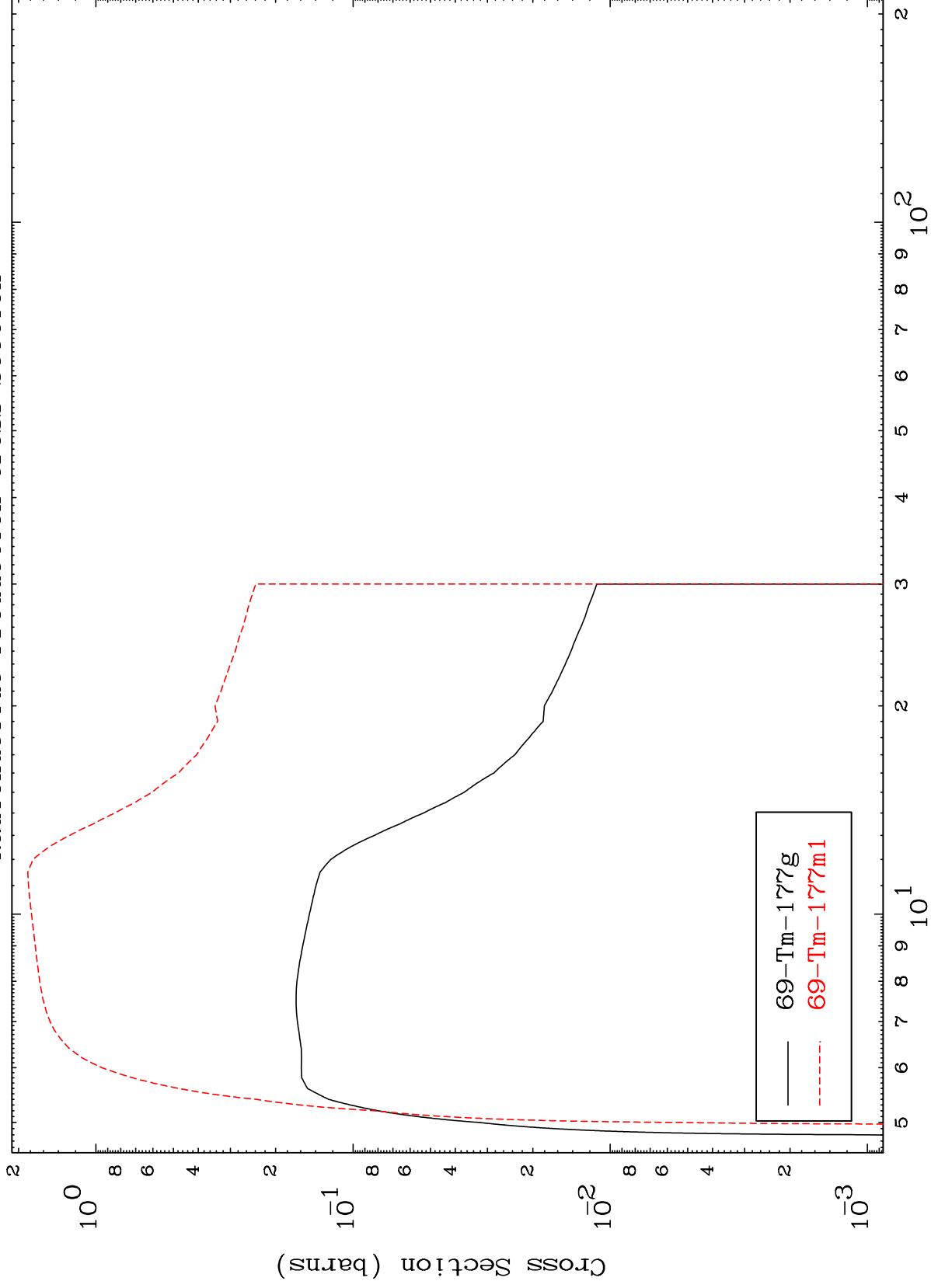
69-Tm-178

MAT 6952

$^{69}\text{Tm-178}$

$^{69}\text{Tm-178}$

Radionuclide Production Cross Section
(n,2n)



122

Incident Energy (MeV)

$^{69}\text{Tm-178}$