

Program EVALPLOT
(Version 2021-1)

by

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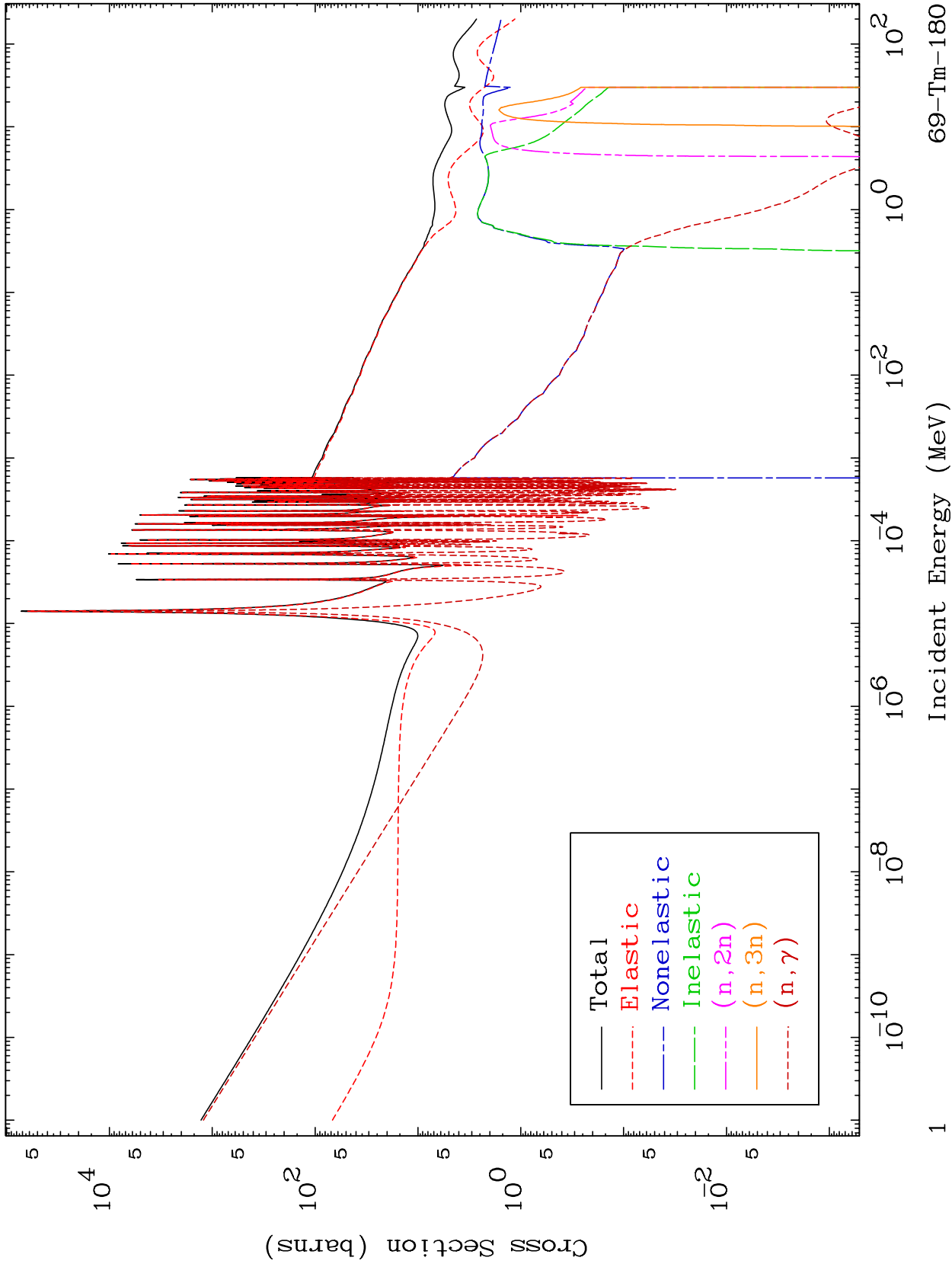
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6958

Neutron Major
293 Kelvin Cross Sections

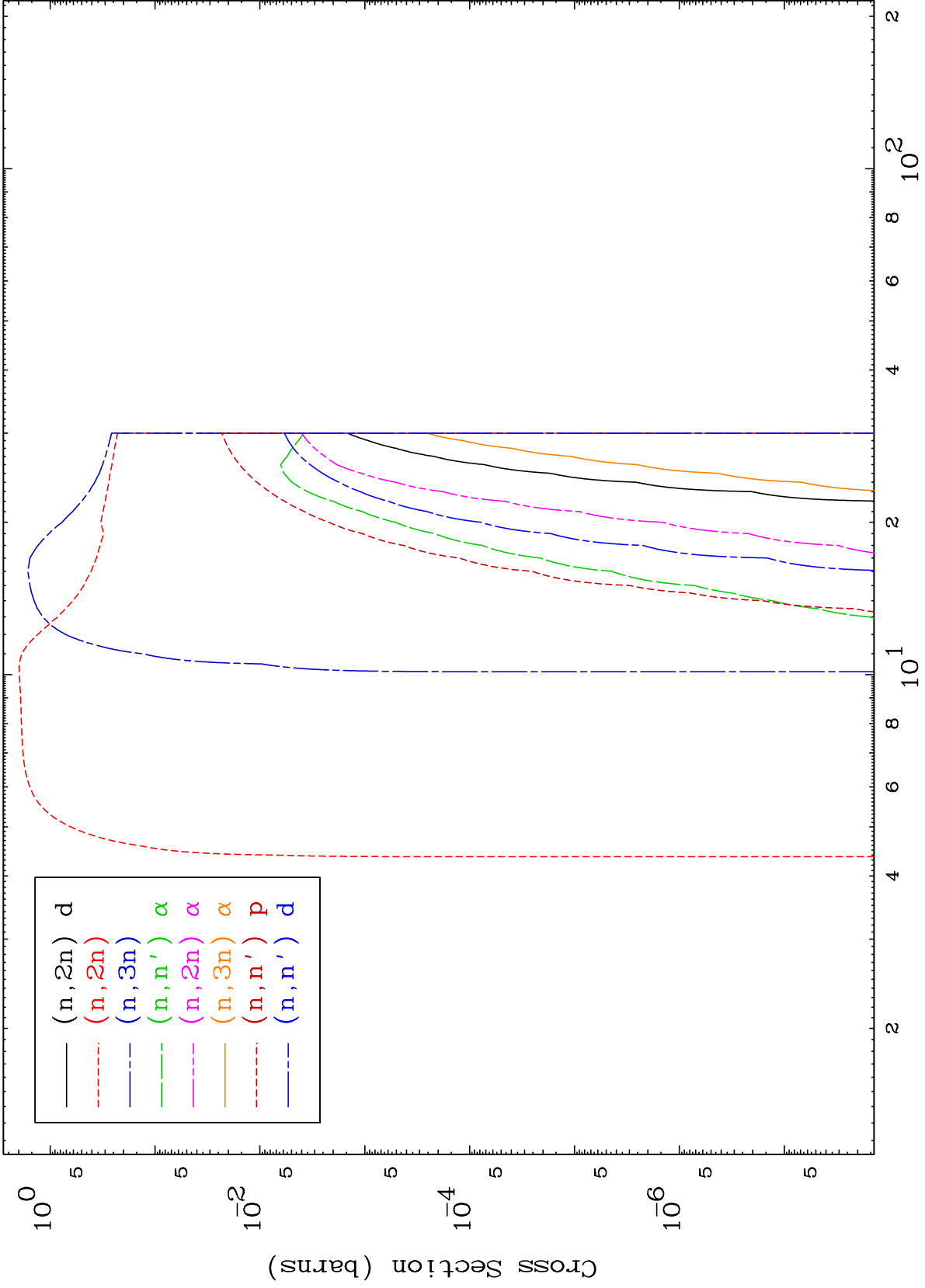
69-Tm-180



MAT 6958

Neutron Absorption
293 Kelvin Cross Sections

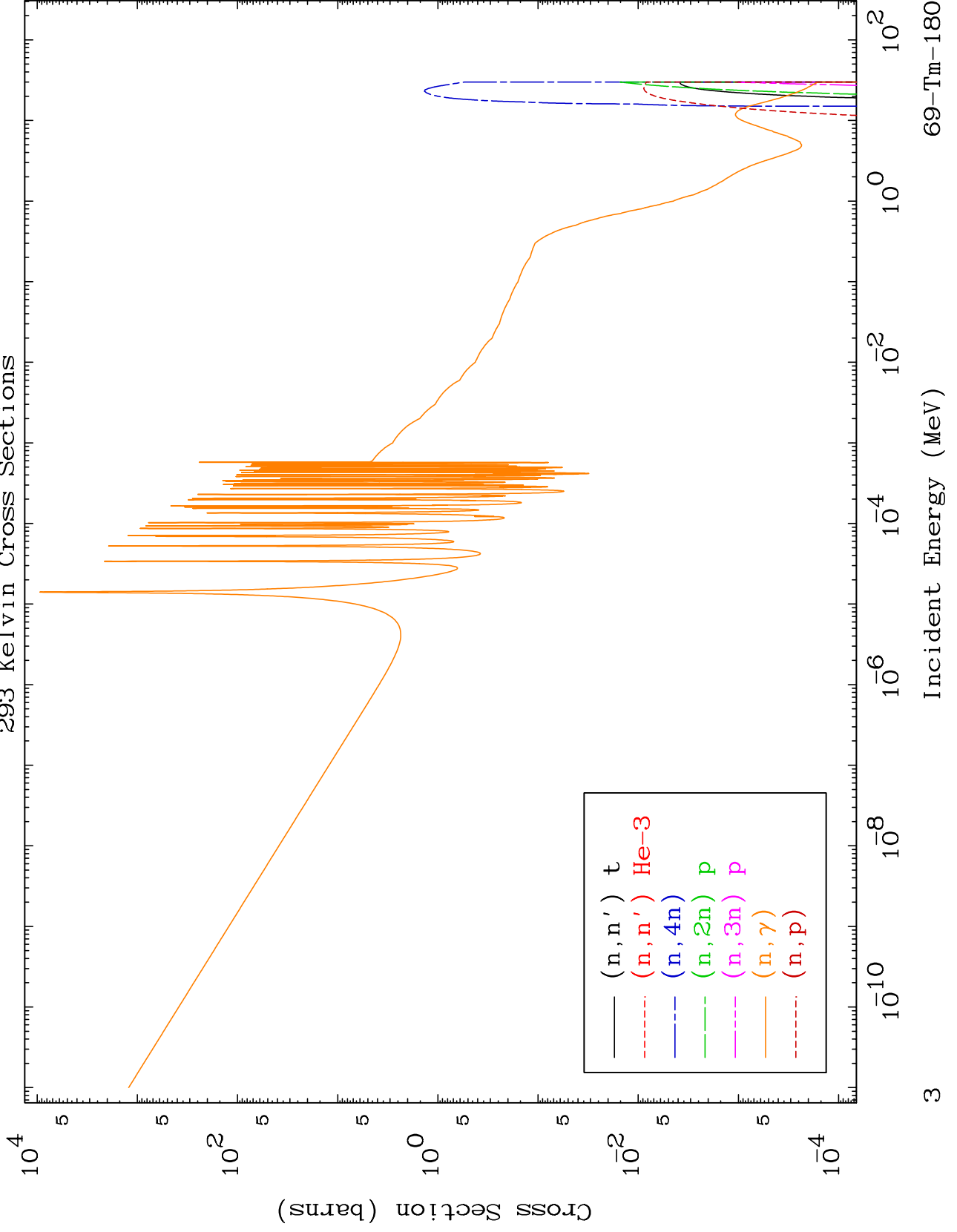
69-Tm-180



MAT 6958

Neutron Absorption
293 Kelvin Cross Sections

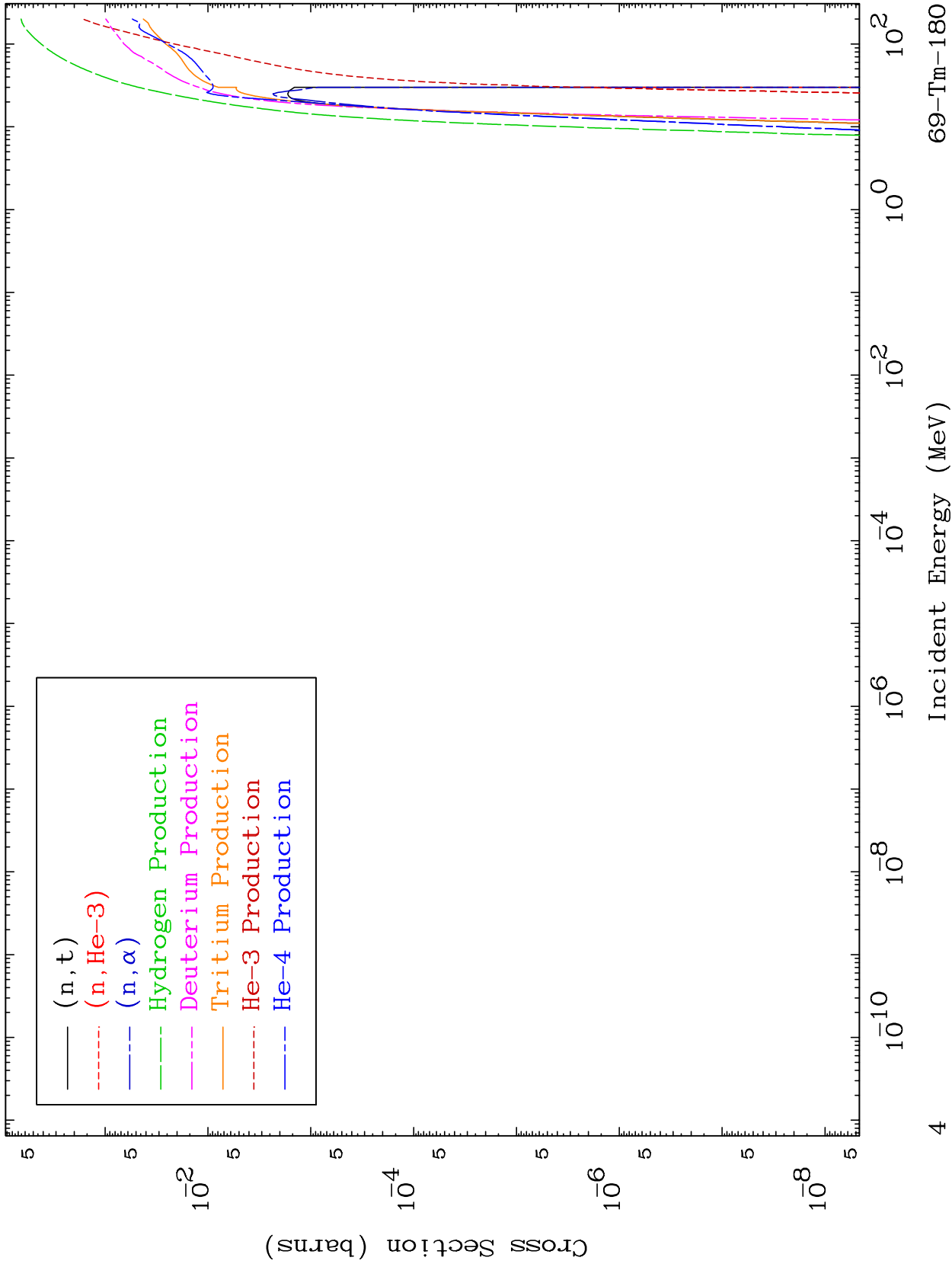
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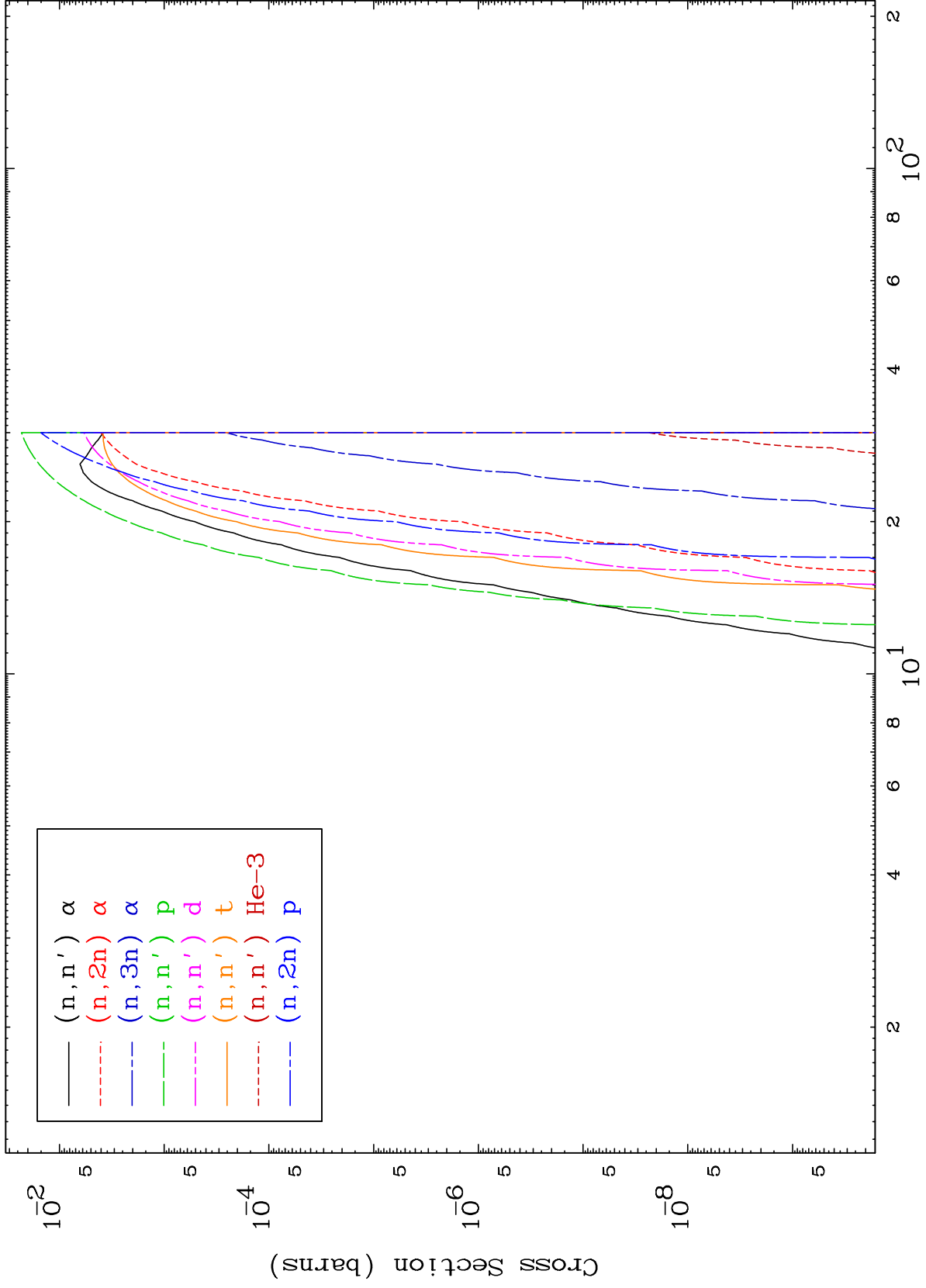


MAT 6958

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-180

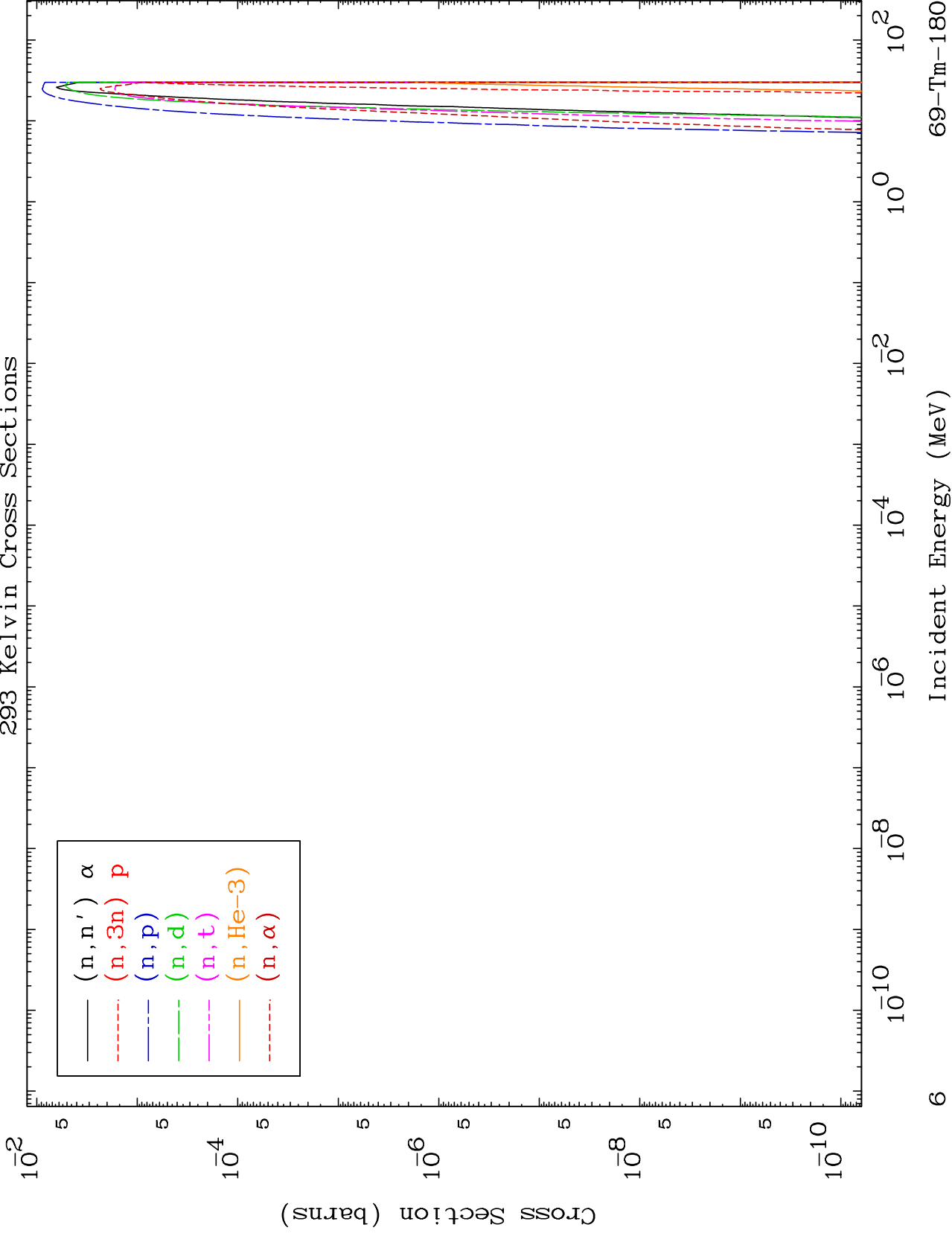




MAT 6958

Charged Particle
293 Kelvin Cross Sections

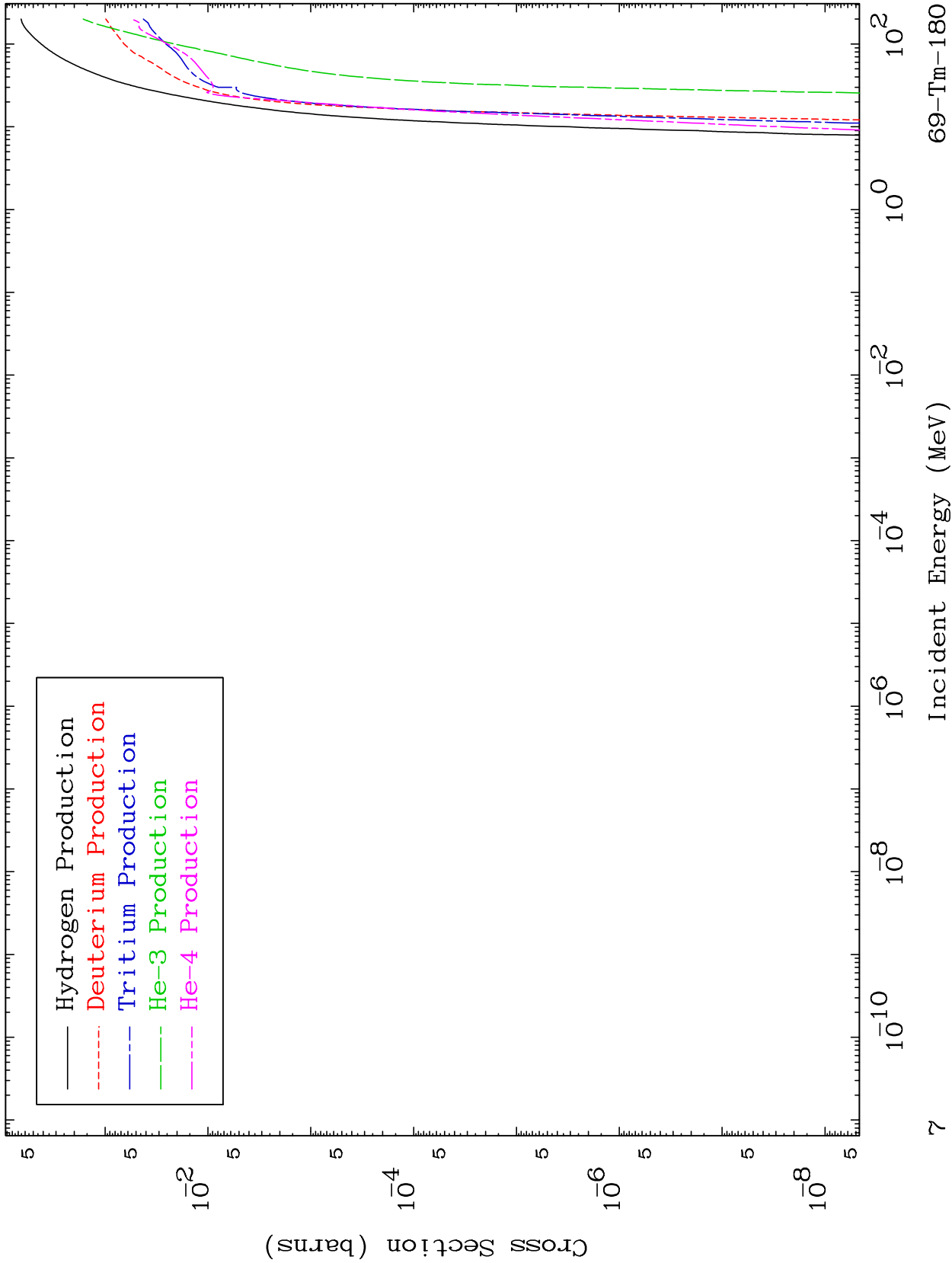
69-Tm-180



MAT 6958

Particle Production
293 Kelvin Cross Sections

69-Tm-180

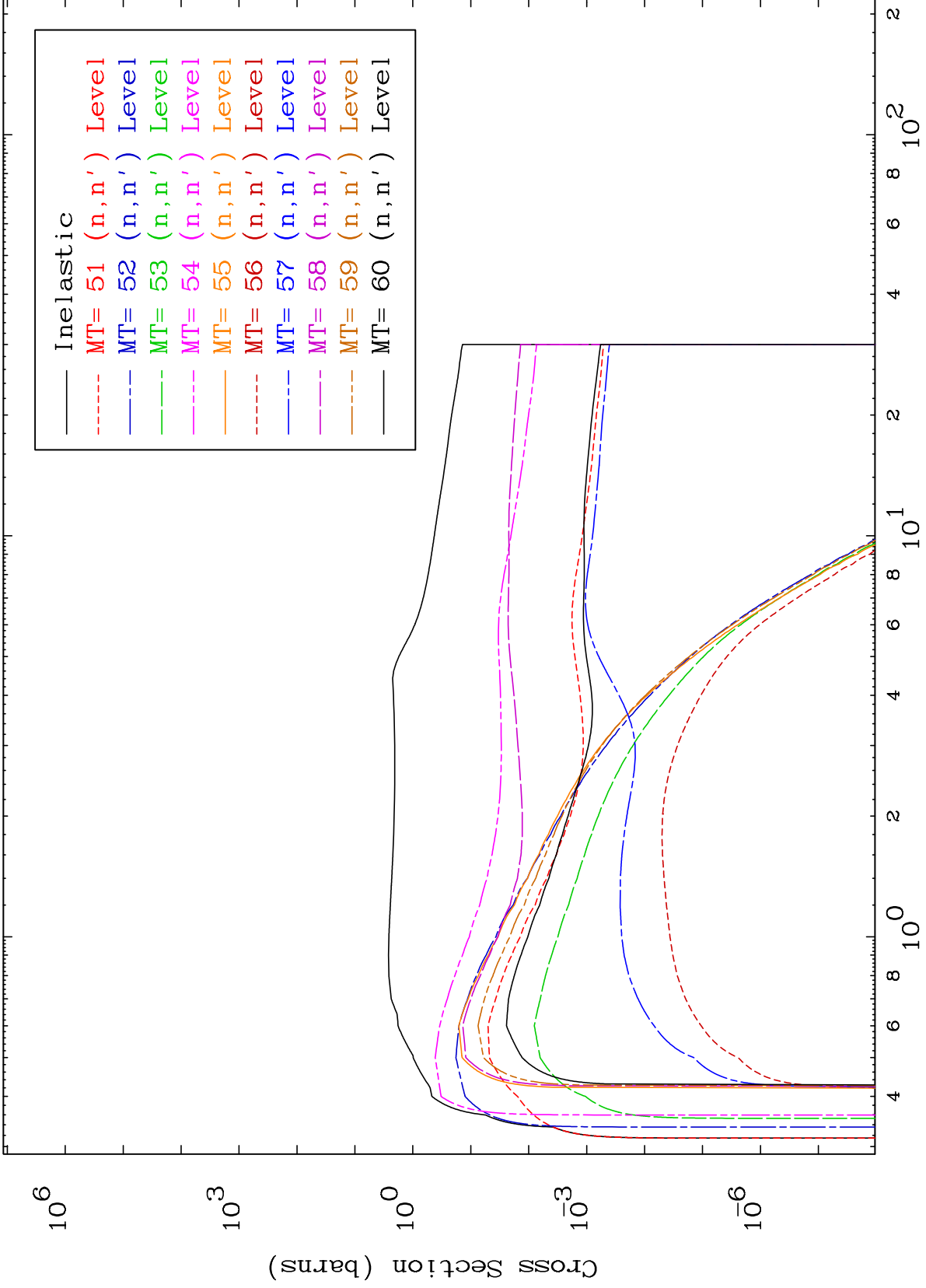


MAT 6958

(n,n') Levels

69-Tm-180

293 Kelvin Cross Sections



8

Incident Energy (MeV)

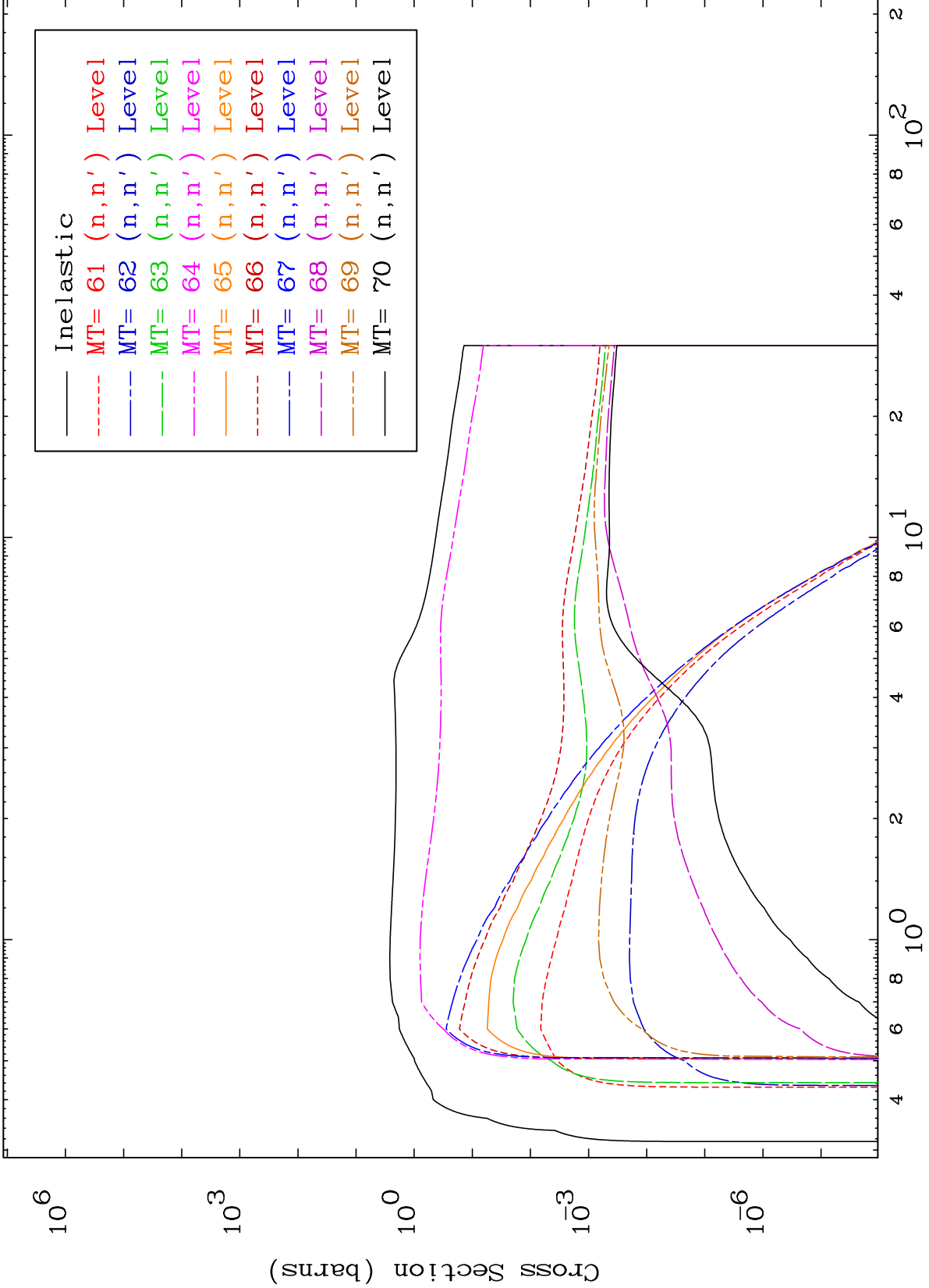
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MAT 6958

(n,n') Levels

69-Tm-180

293 Kelvin Cross Sections

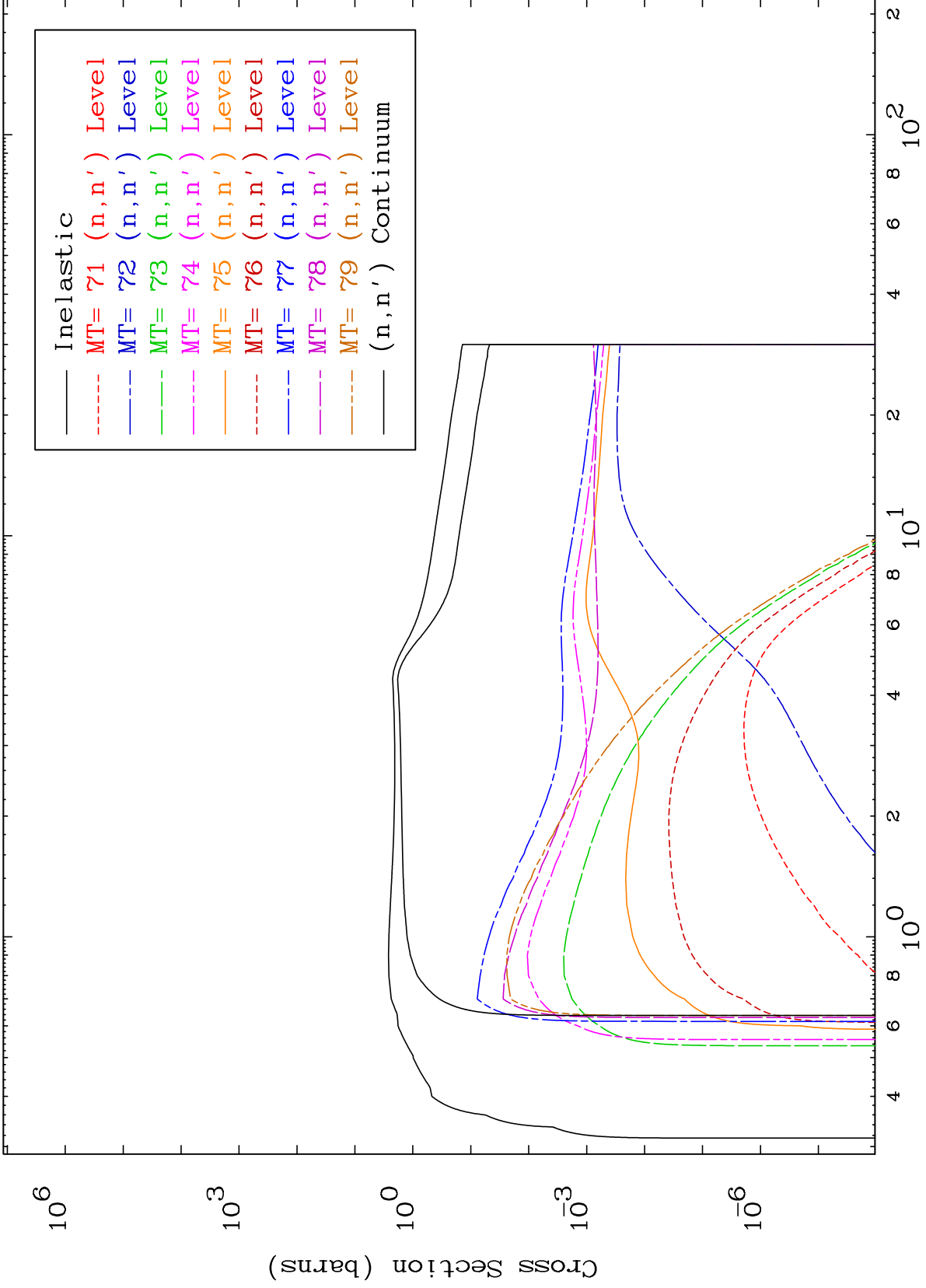


MAT 6958

(n,n') Levels

69-Tm-180

293 Kelvin Cross Sections



10

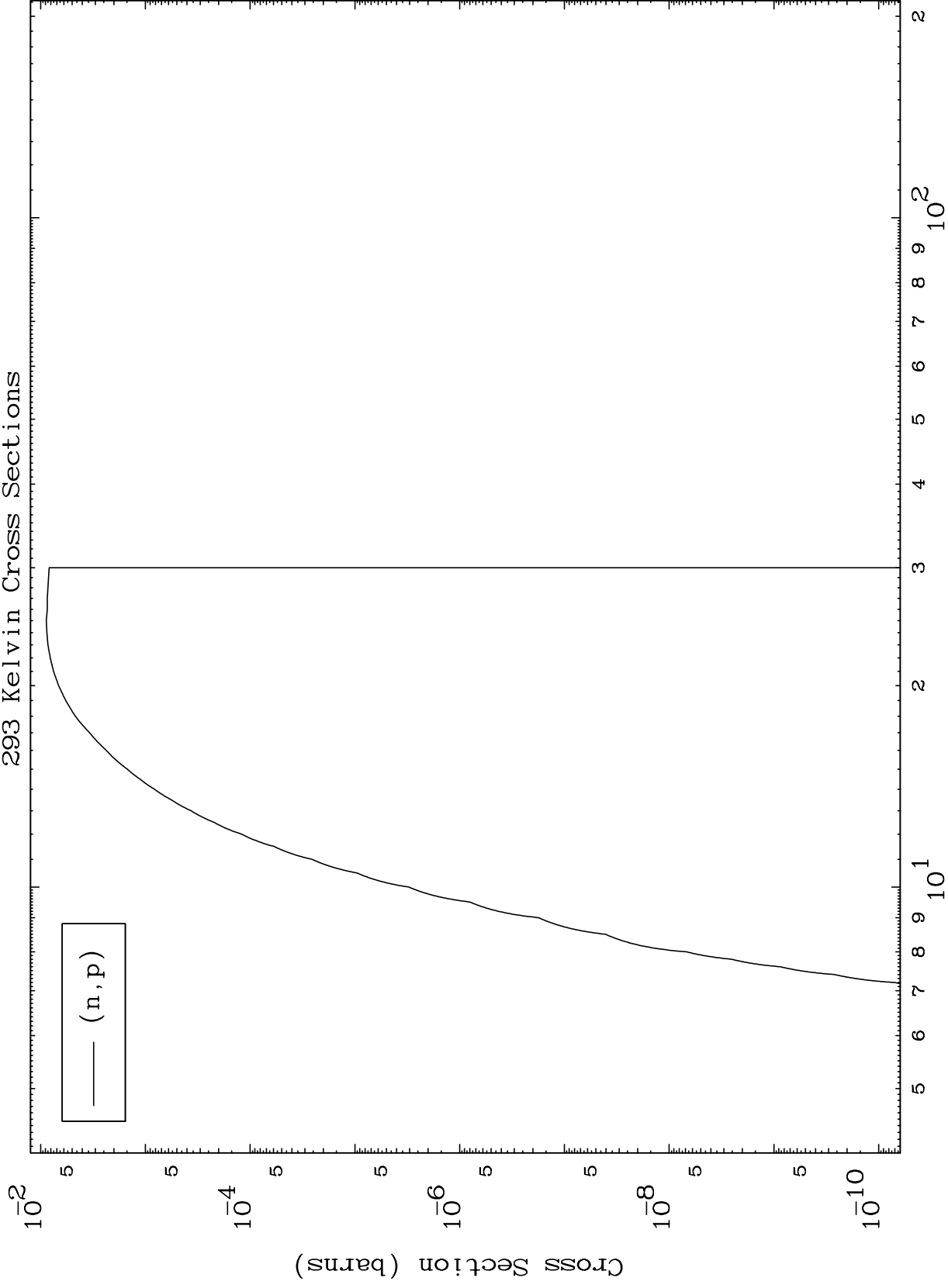
Incident Energy (MeV)

69-Tm-180

MAT 6958

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-180



11

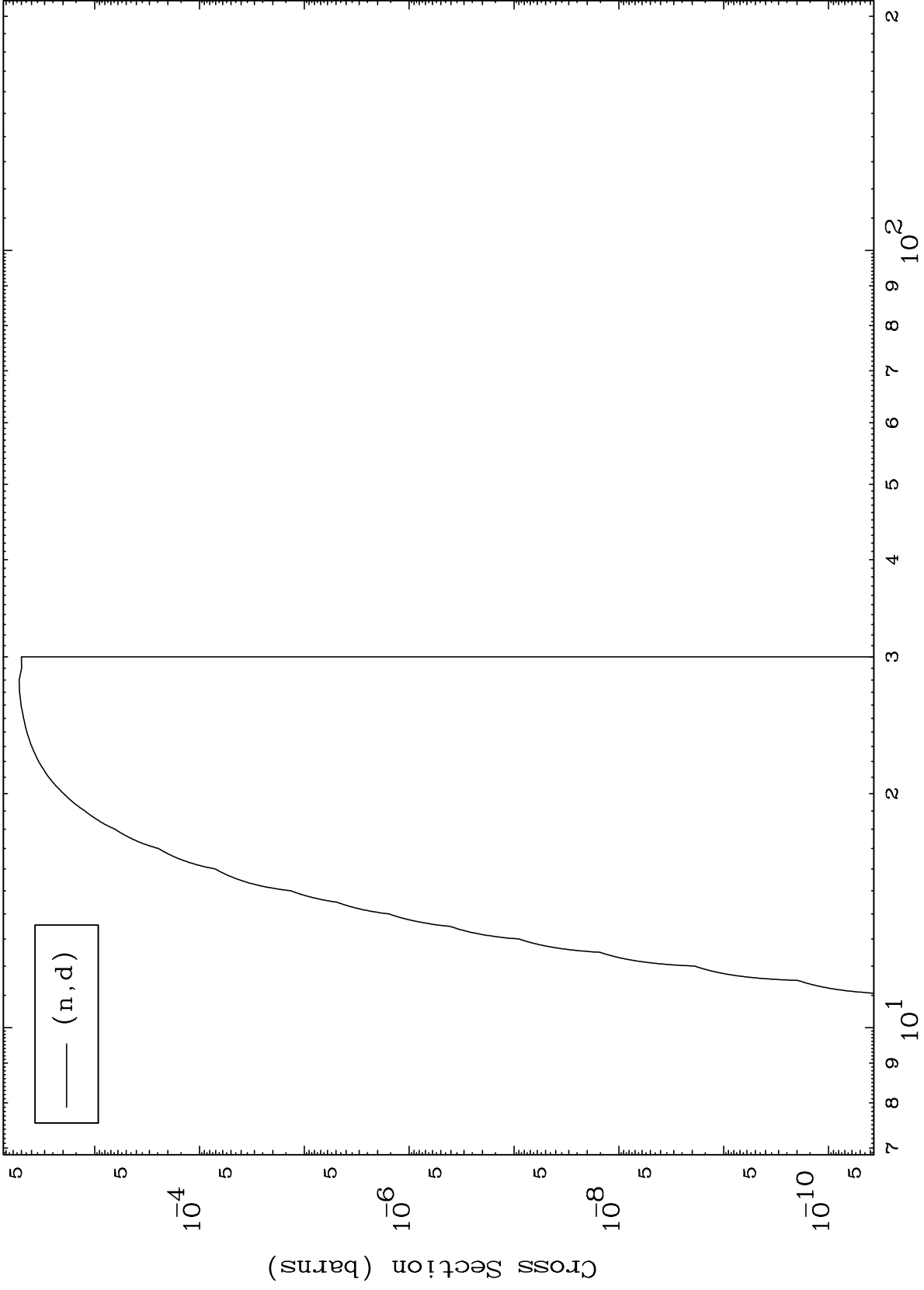
Incident Energy (MeV)

69-Tm-180

MAT 6958

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-180



12

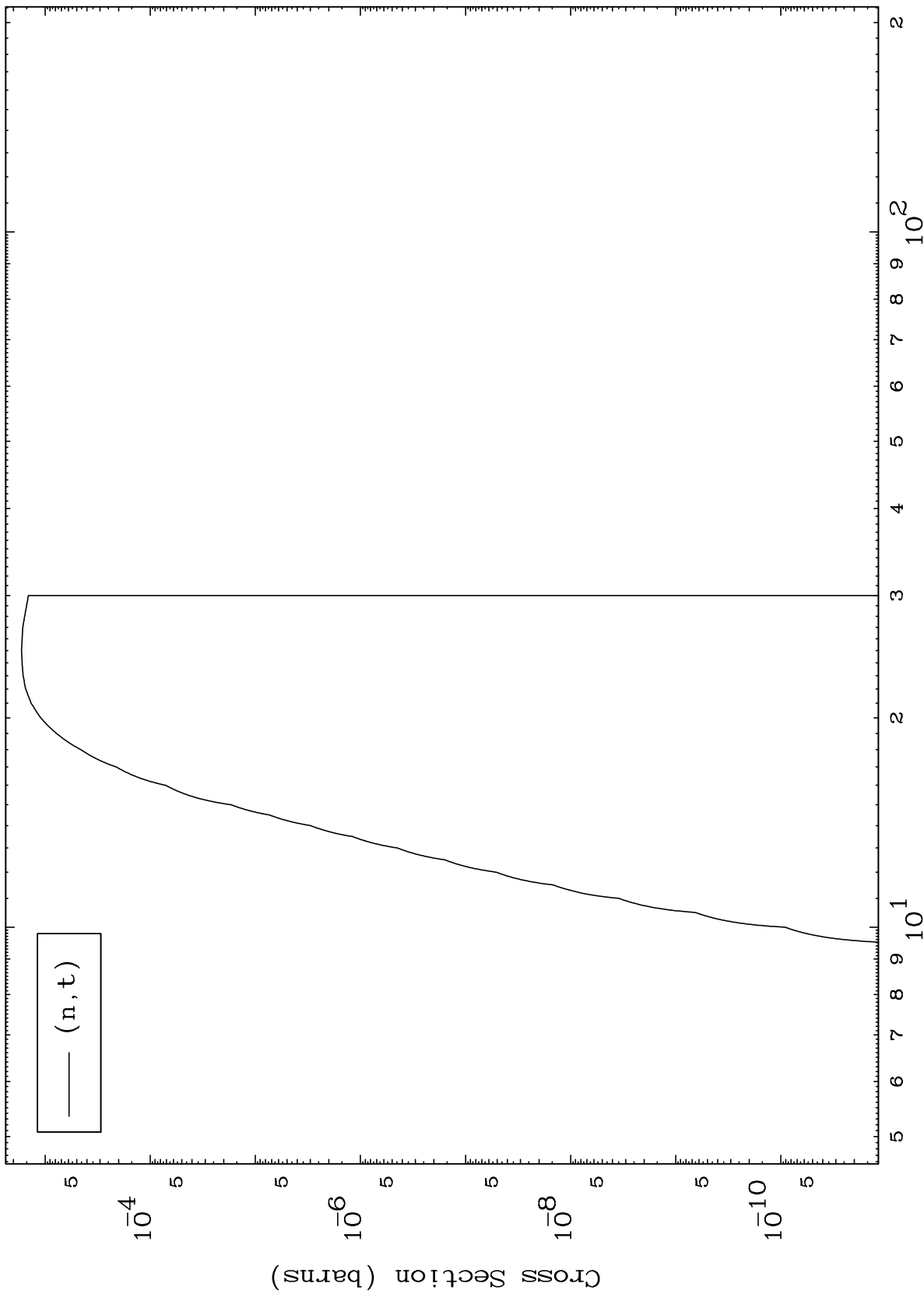
Incident Energy (MeV)

69-Tm-180

MAT 6958

(n,t) Levels
293 Kelvin Cross Sections

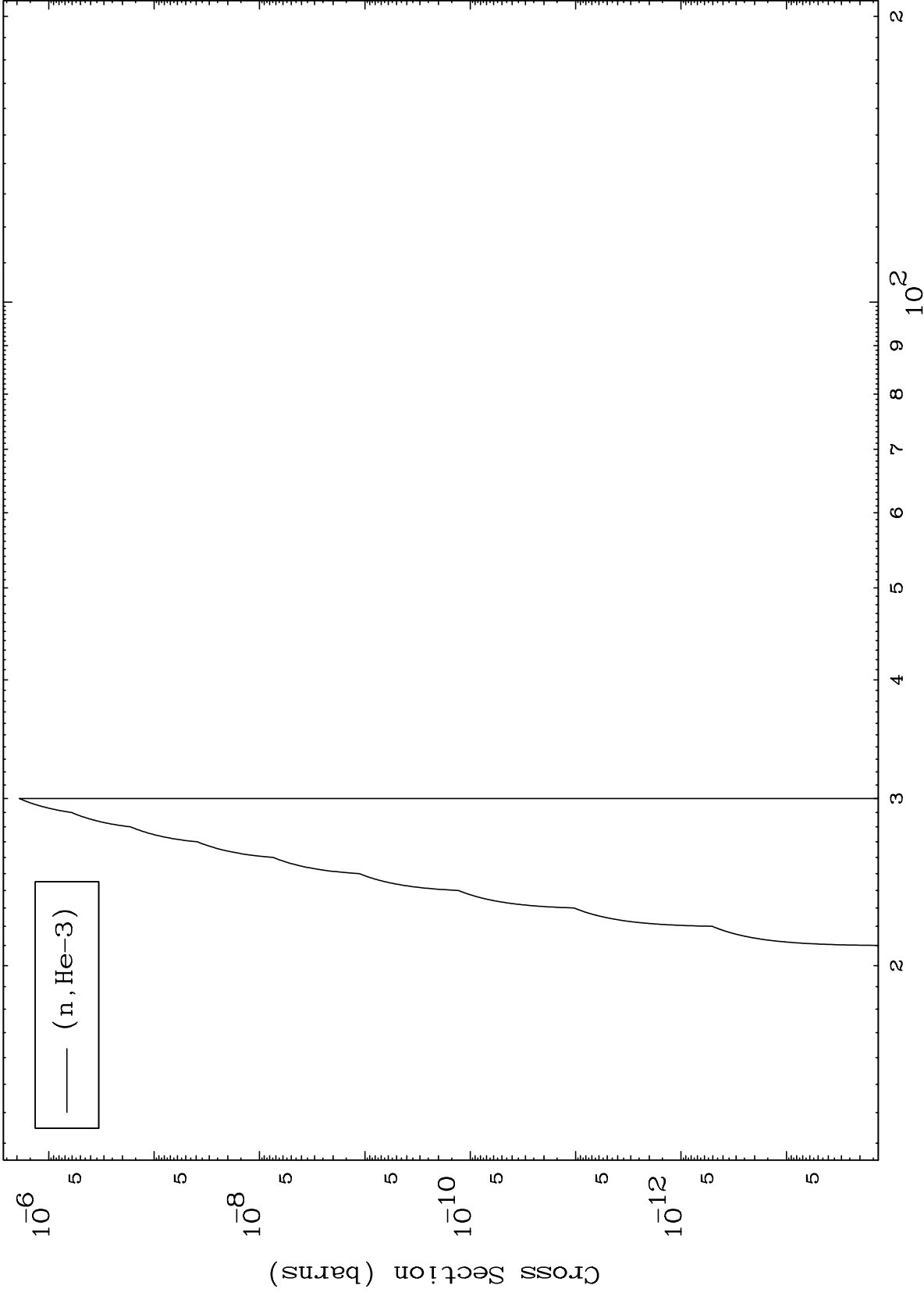
69-Tm-180



MAT 6958

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-180



14

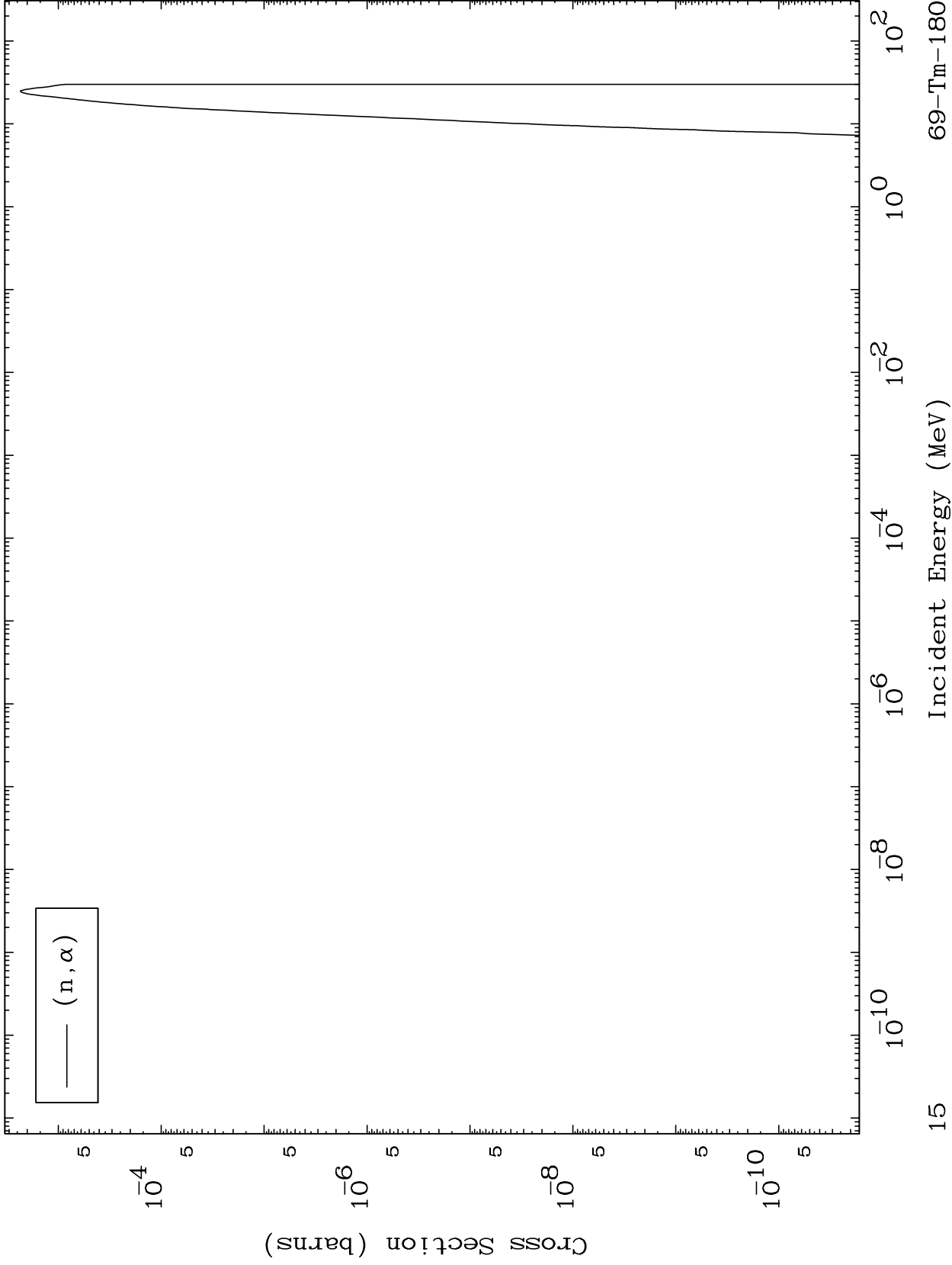
Incident Energy (MeV)

69-Tm-180

MAT 6958

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-180

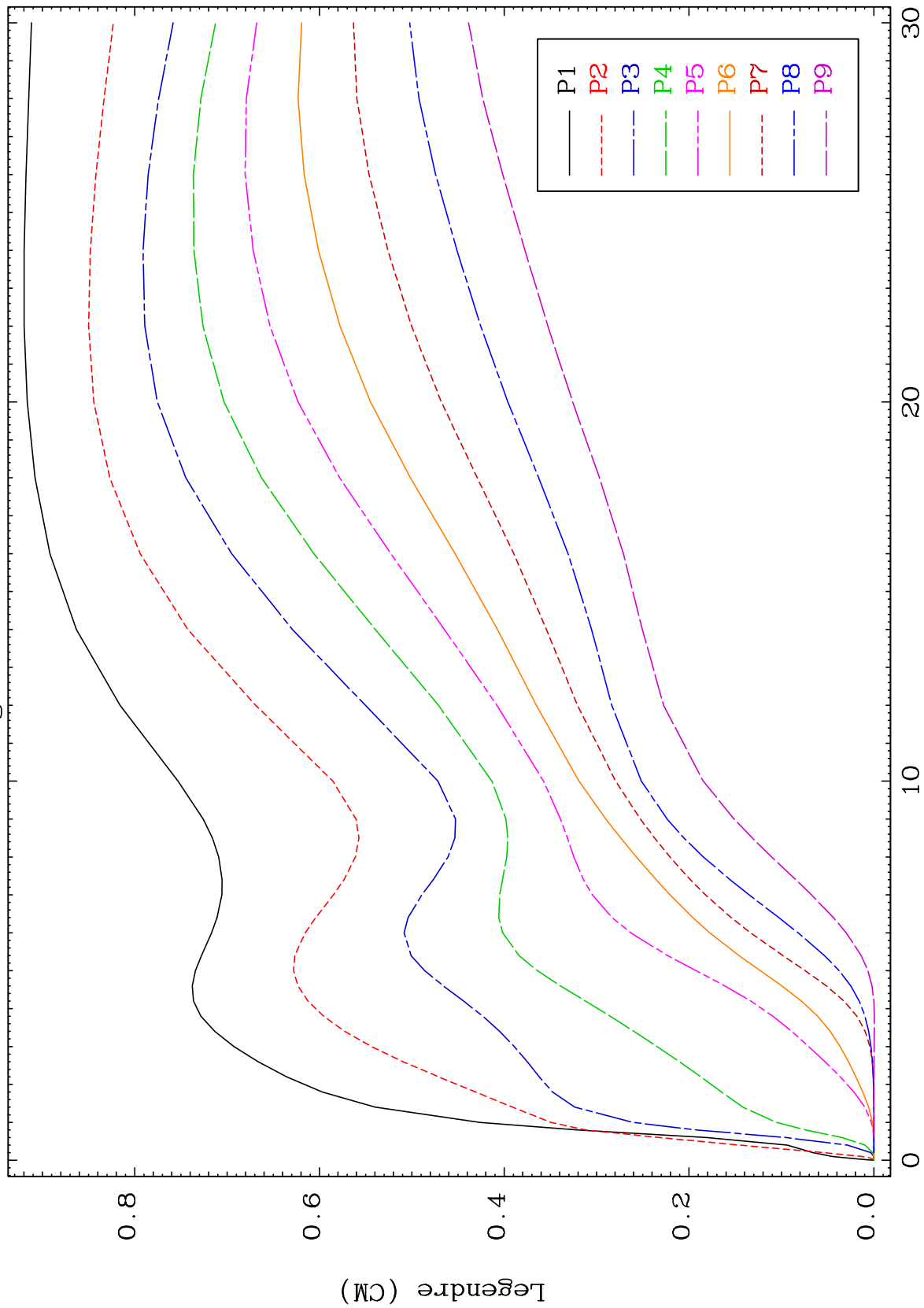


15

MAT 6958

Elastic Legendre Coefficients

69-Tm-180



16

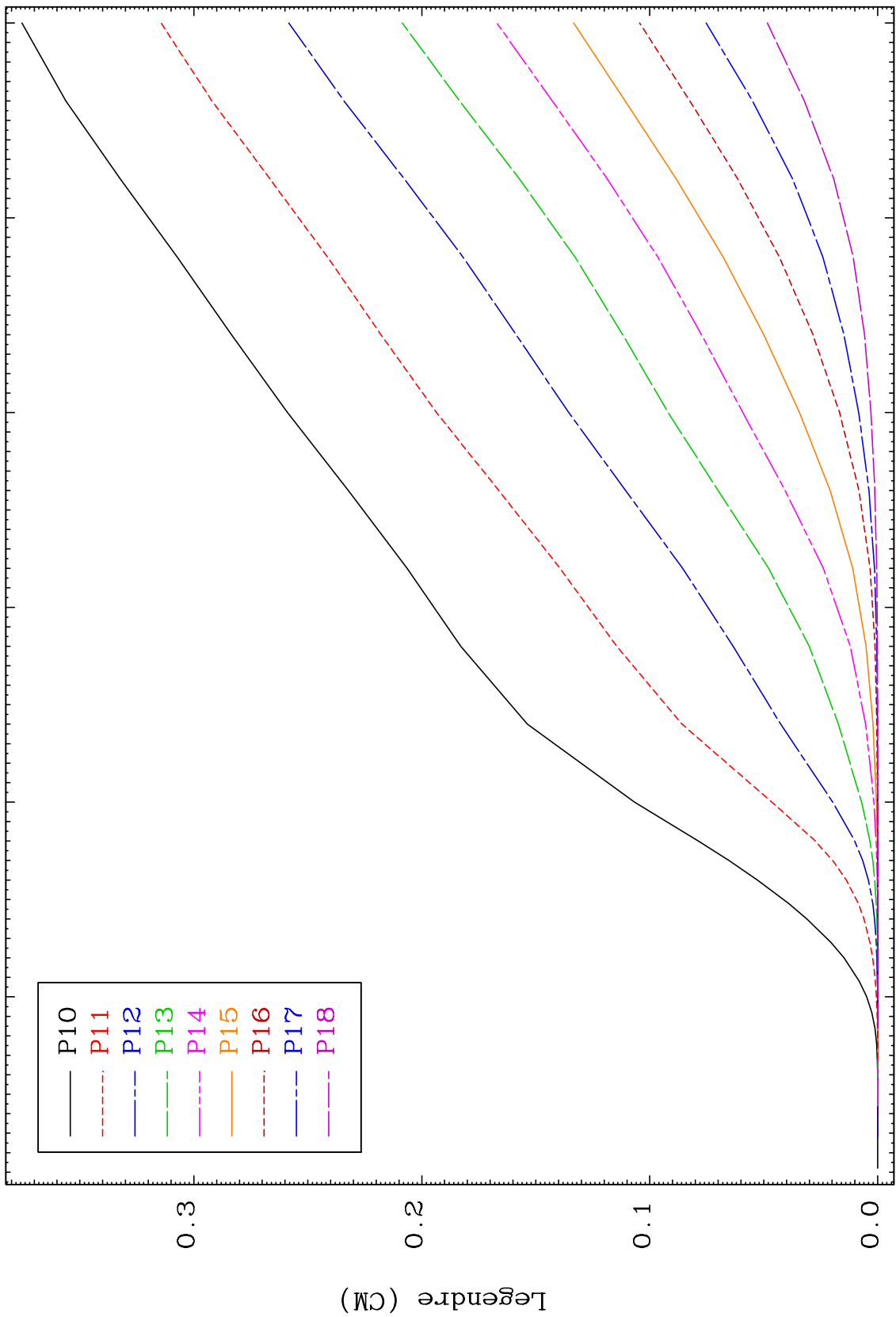
Incident Energy (MeV)

69-Tm-180

MAT 6958

Elastic Legendre Coefficients

69-Tm-180



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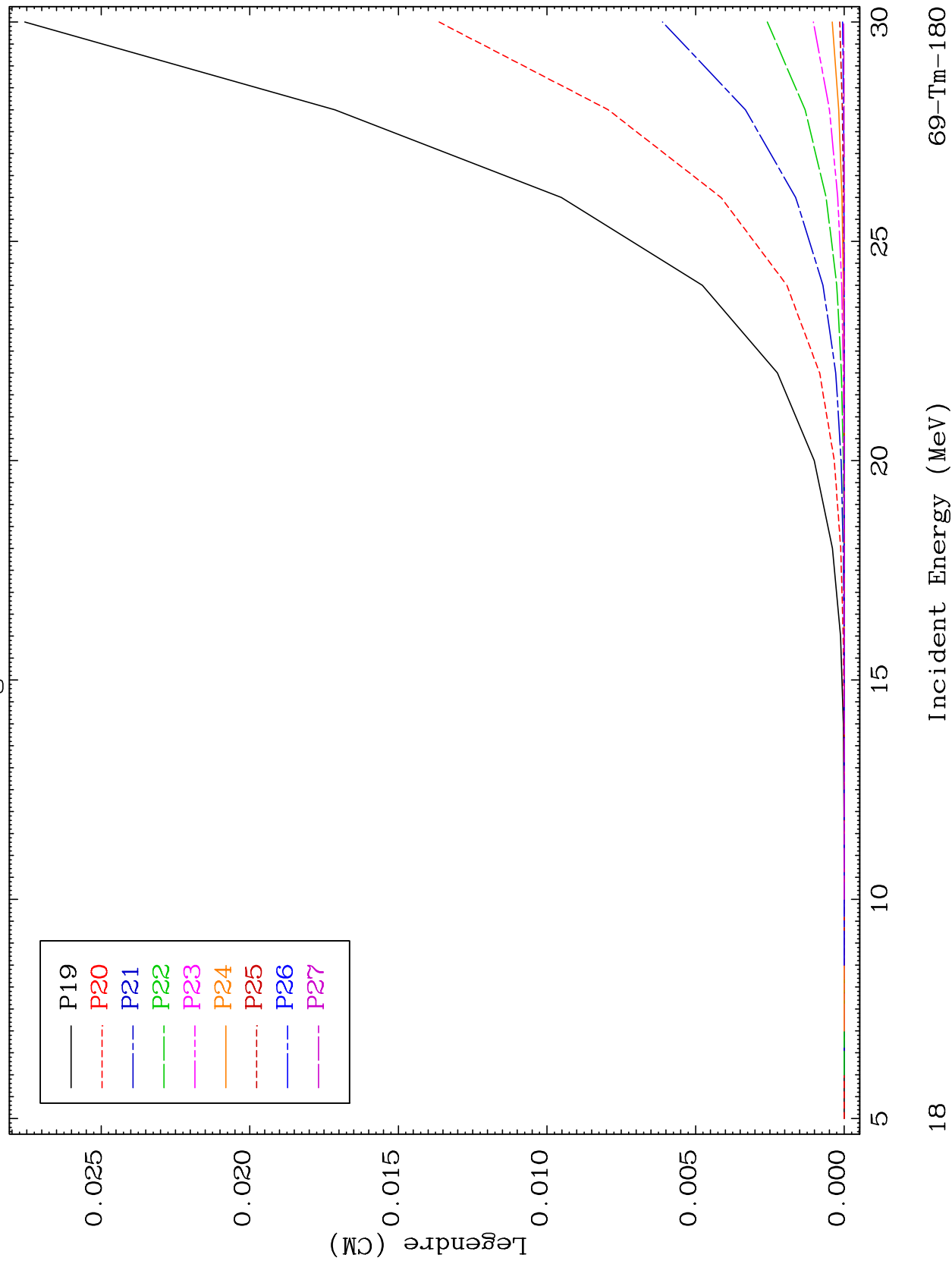
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Incident Energy (MeV)

MAT 6958

Elastic Legendre Coefficients

69-Tm-180



69-Tm-180

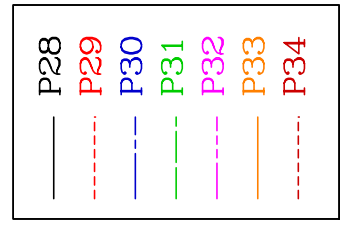
Incident Energy (MeV)

18

MAT 6958

Elastic Legendre Coefficients

69-Tm-180

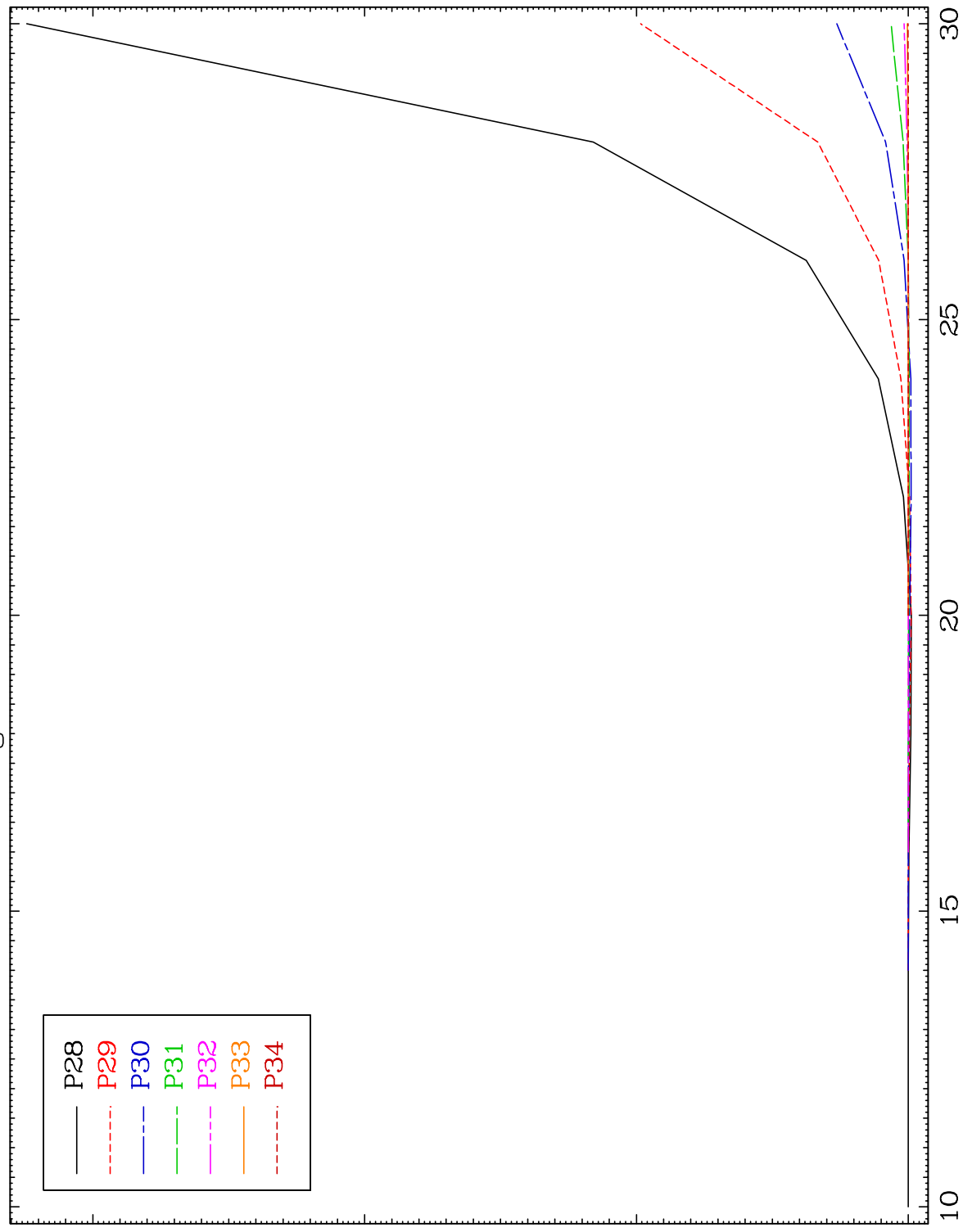


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

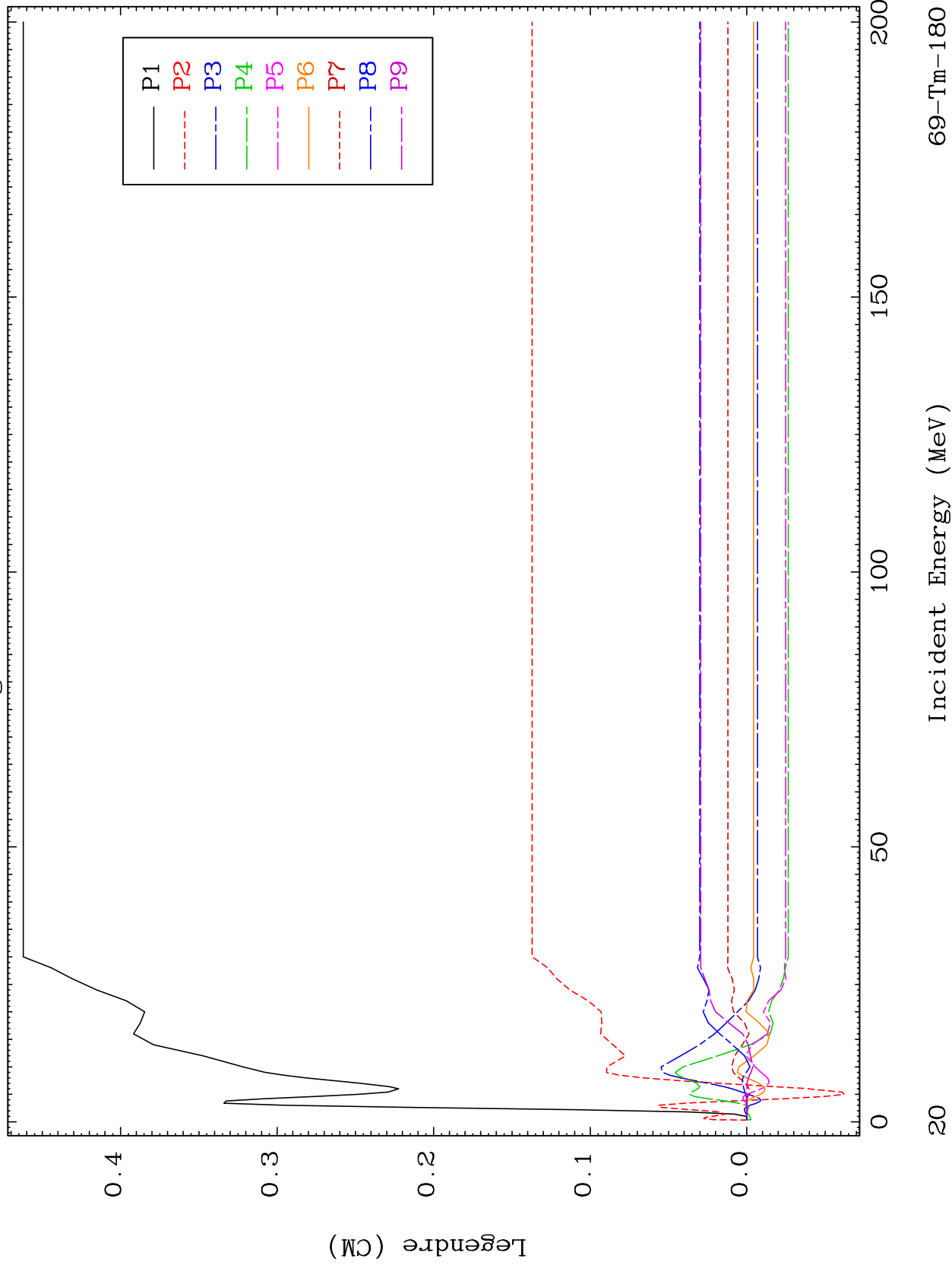
69-Tm-180



MAT 6958

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

69-Tm-180



69-Tm-180

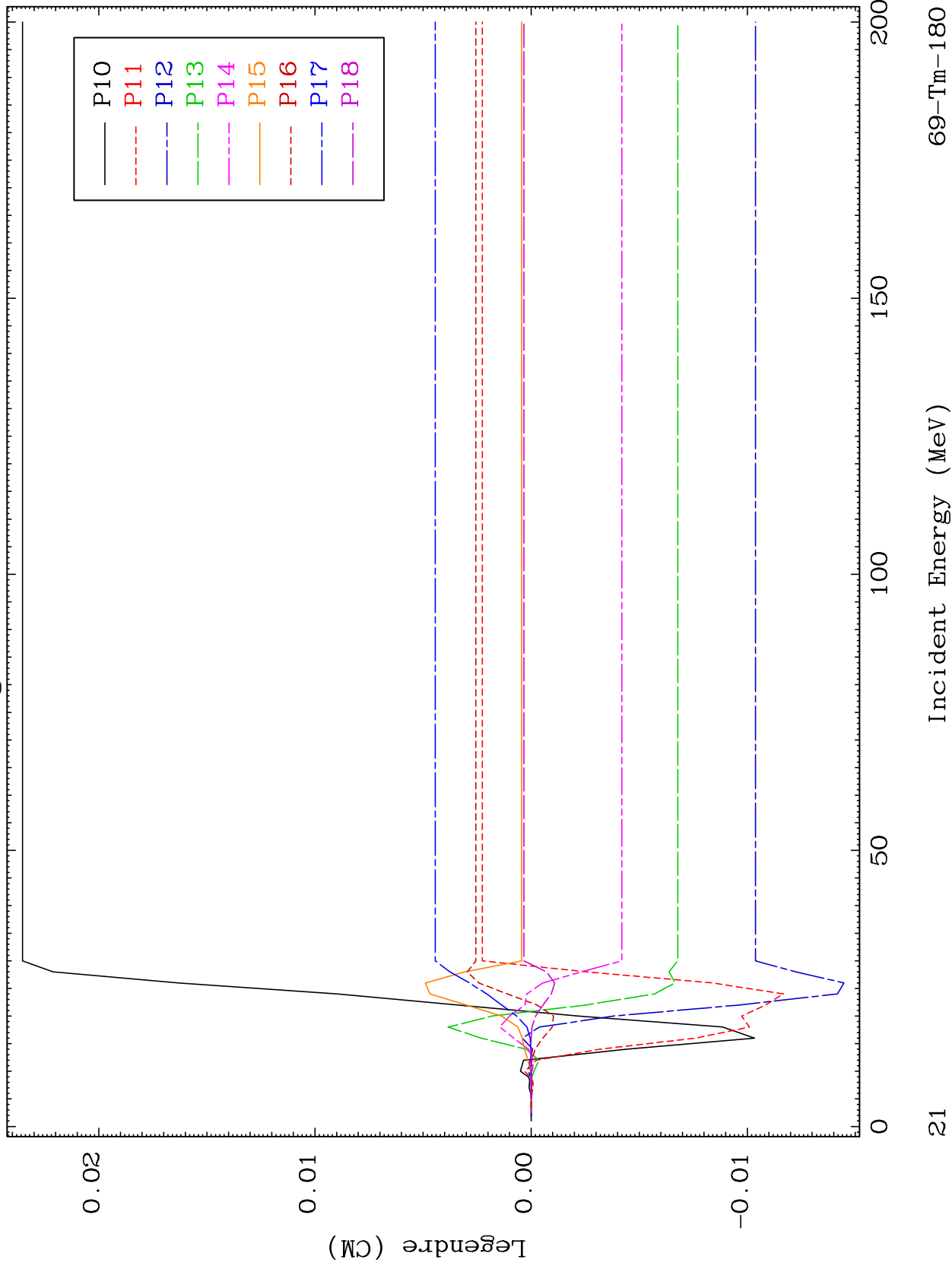
Incident Energy (MeV)

20

MAT 6958

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

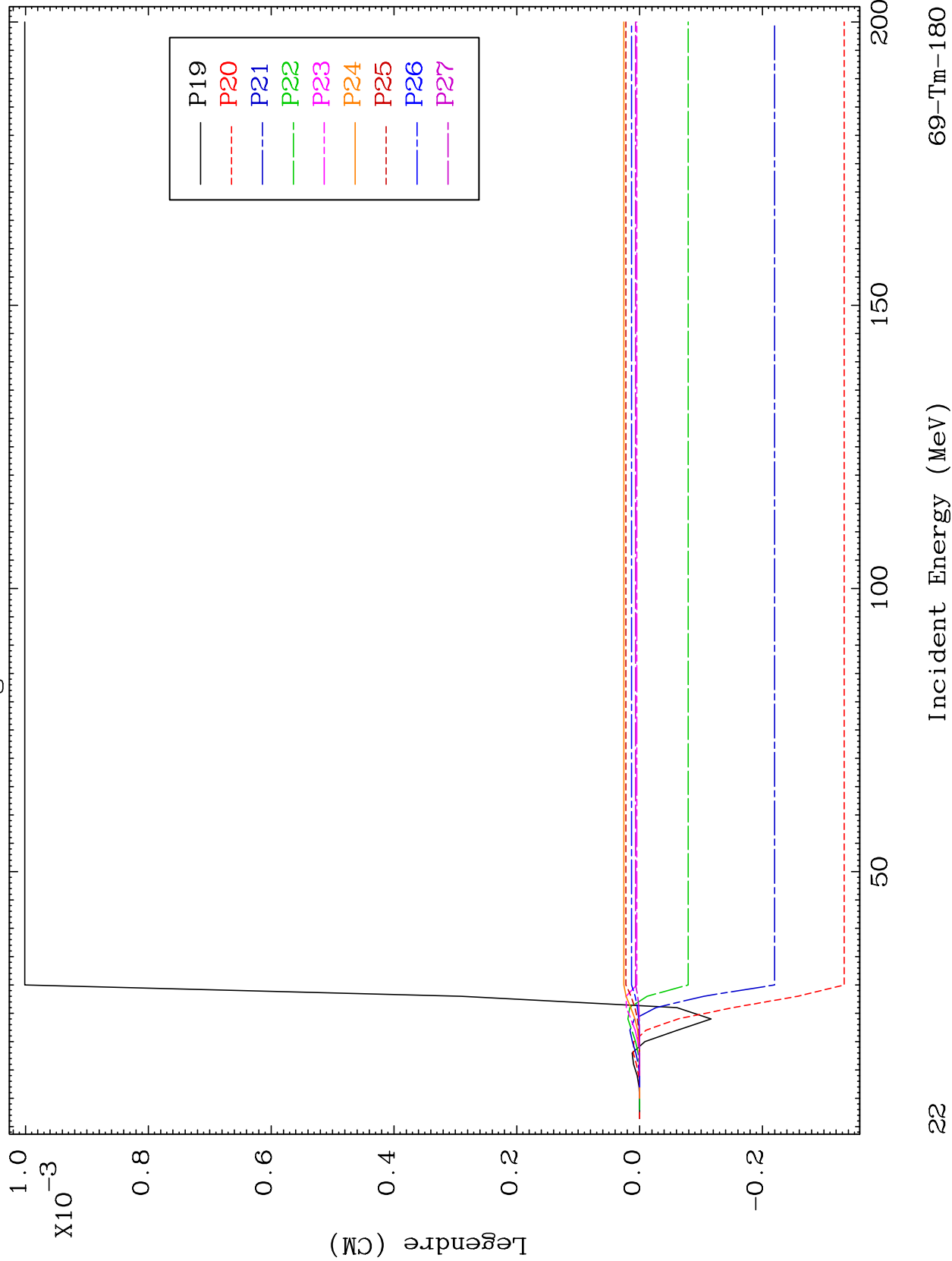
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21

Incident Energy (MeV)

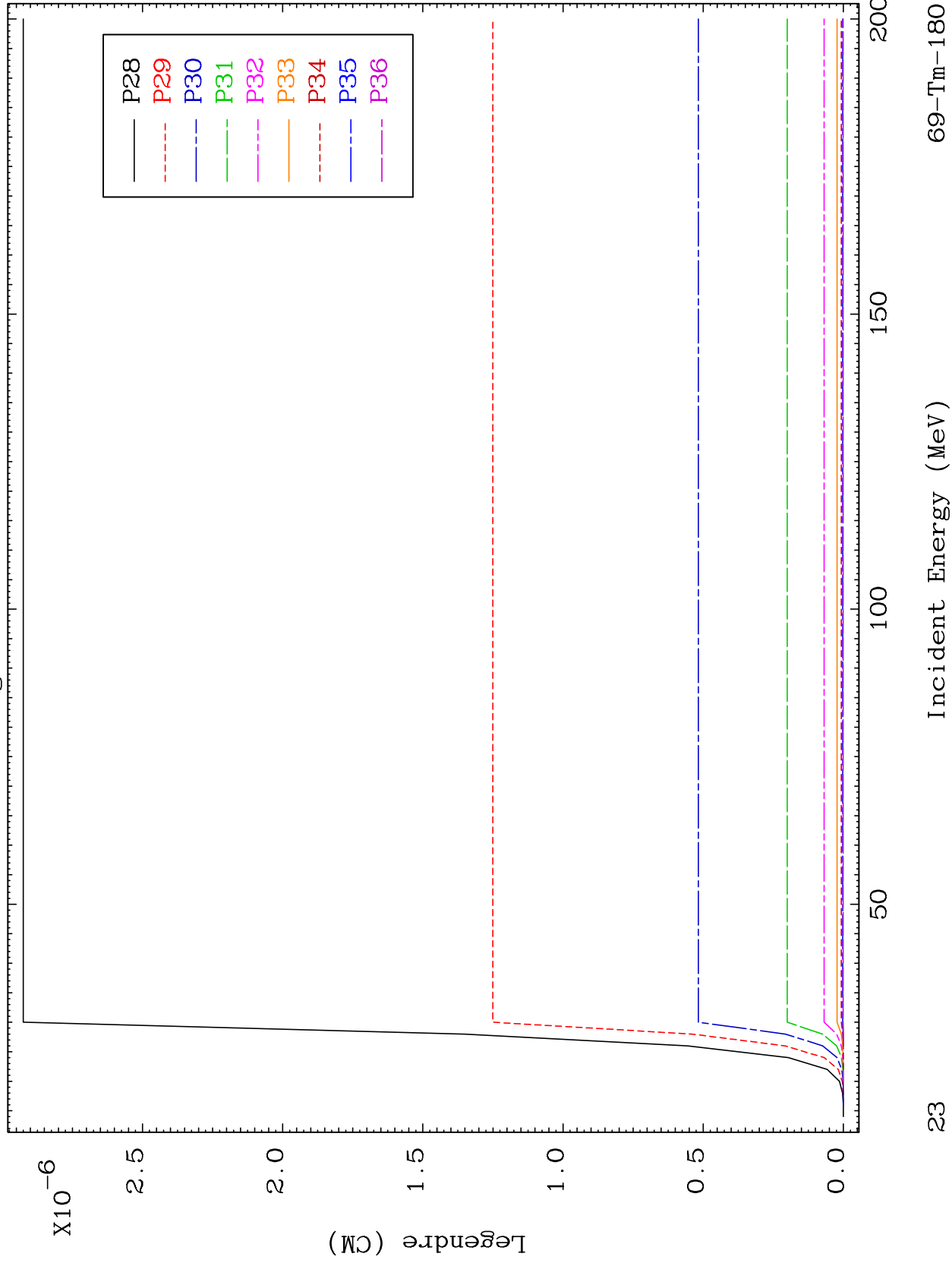
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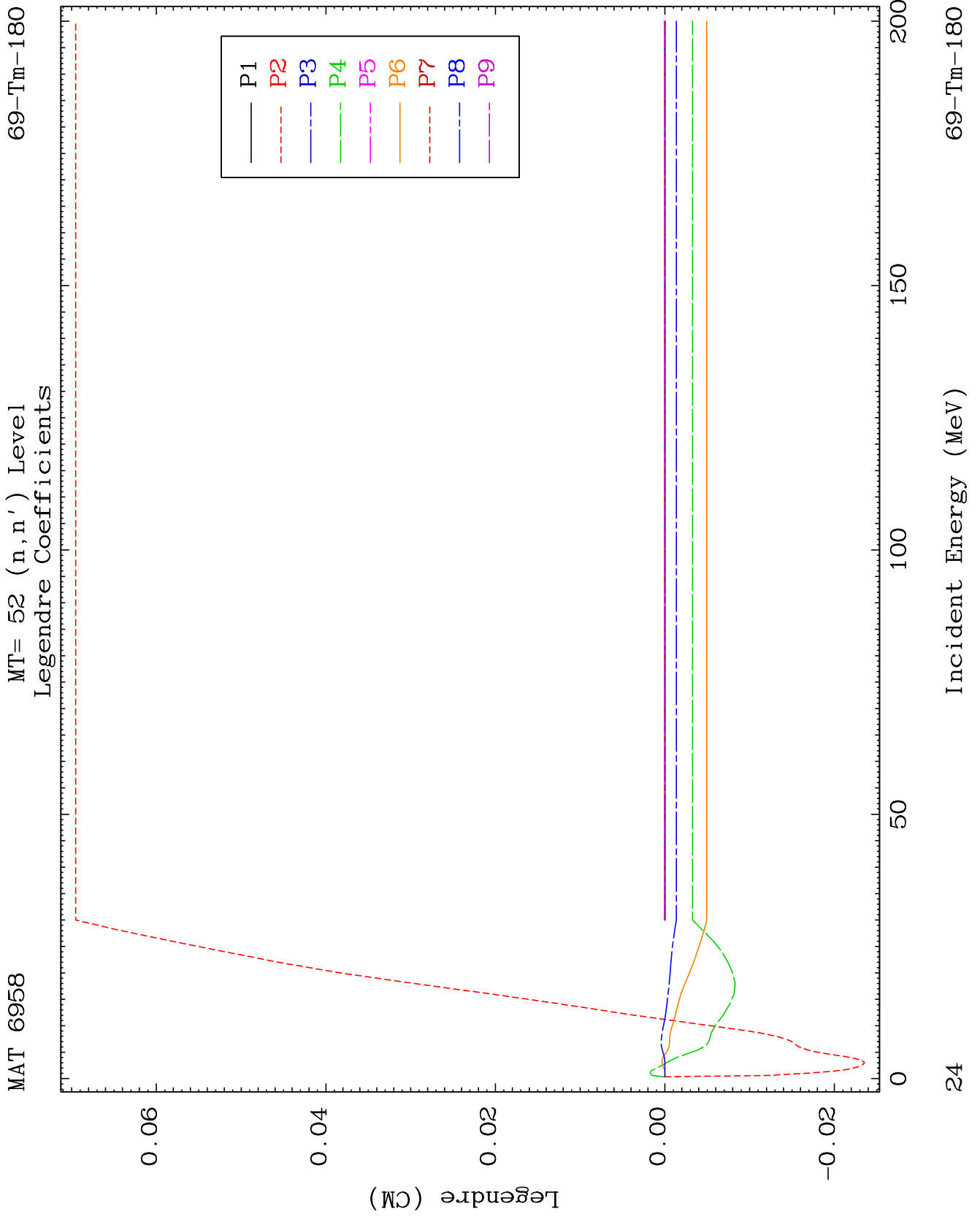
MAT 6958

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

69-Tm-180



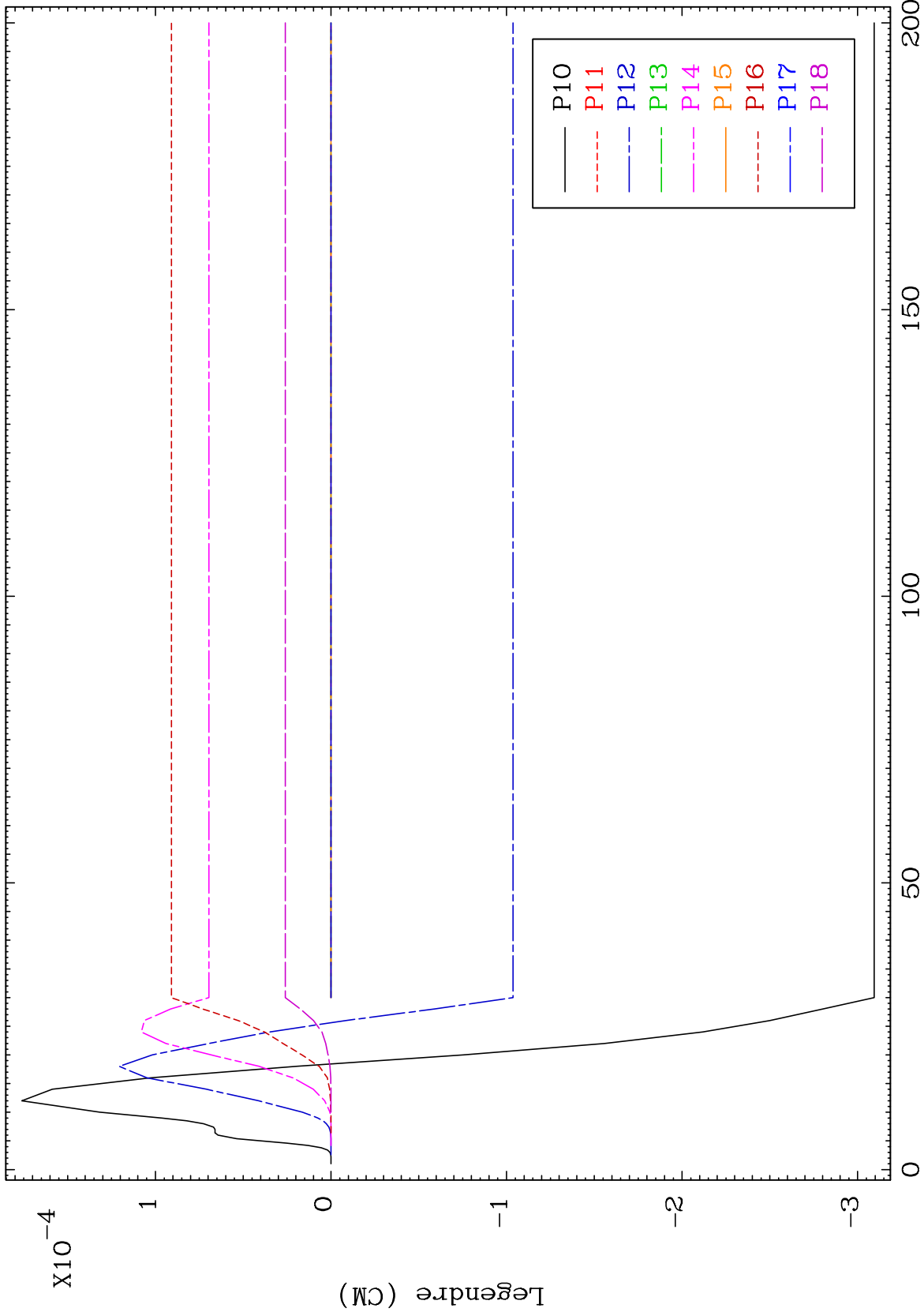
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MAT 6958

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

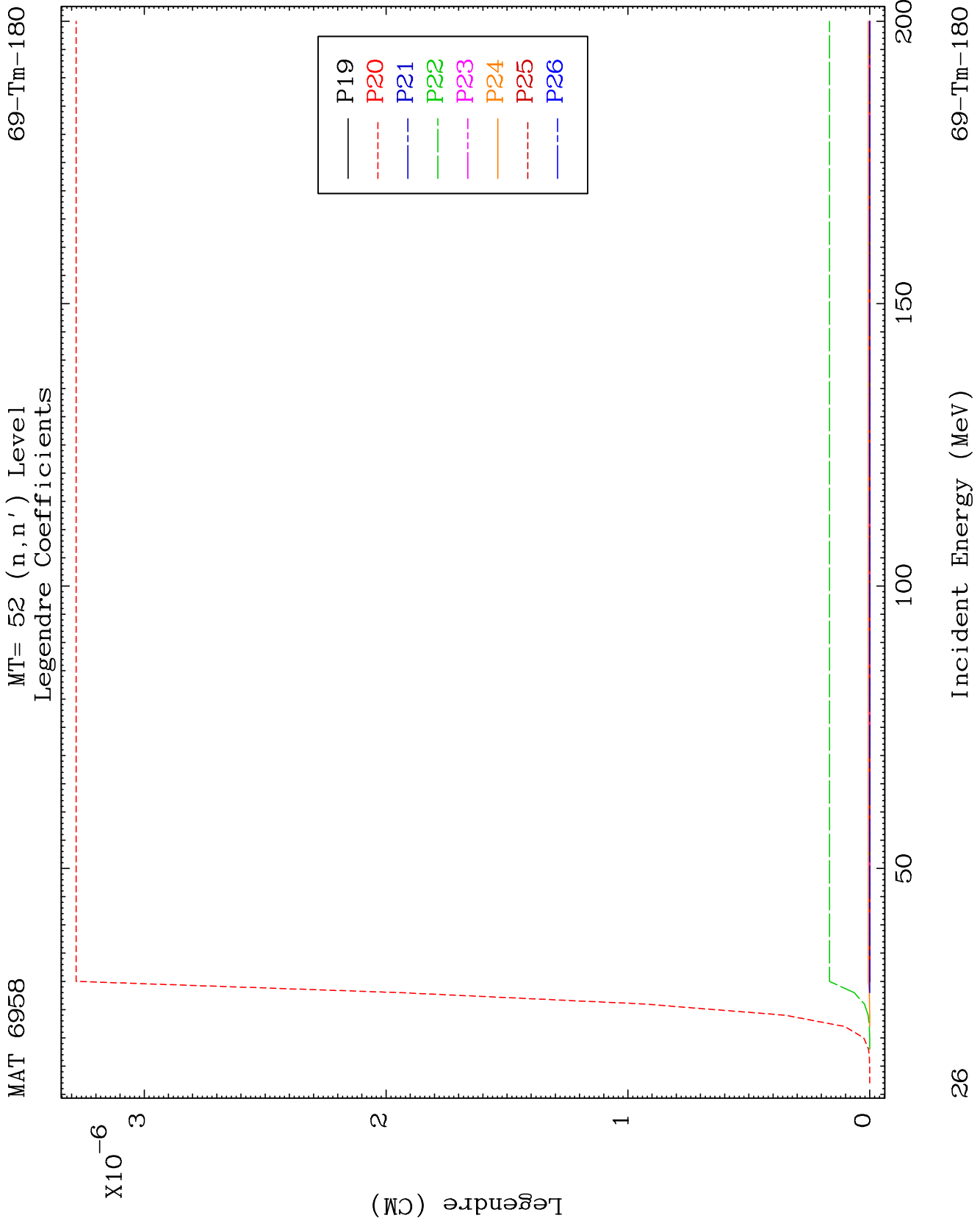
69-Tm-180



25

Incident Energy (MeV)

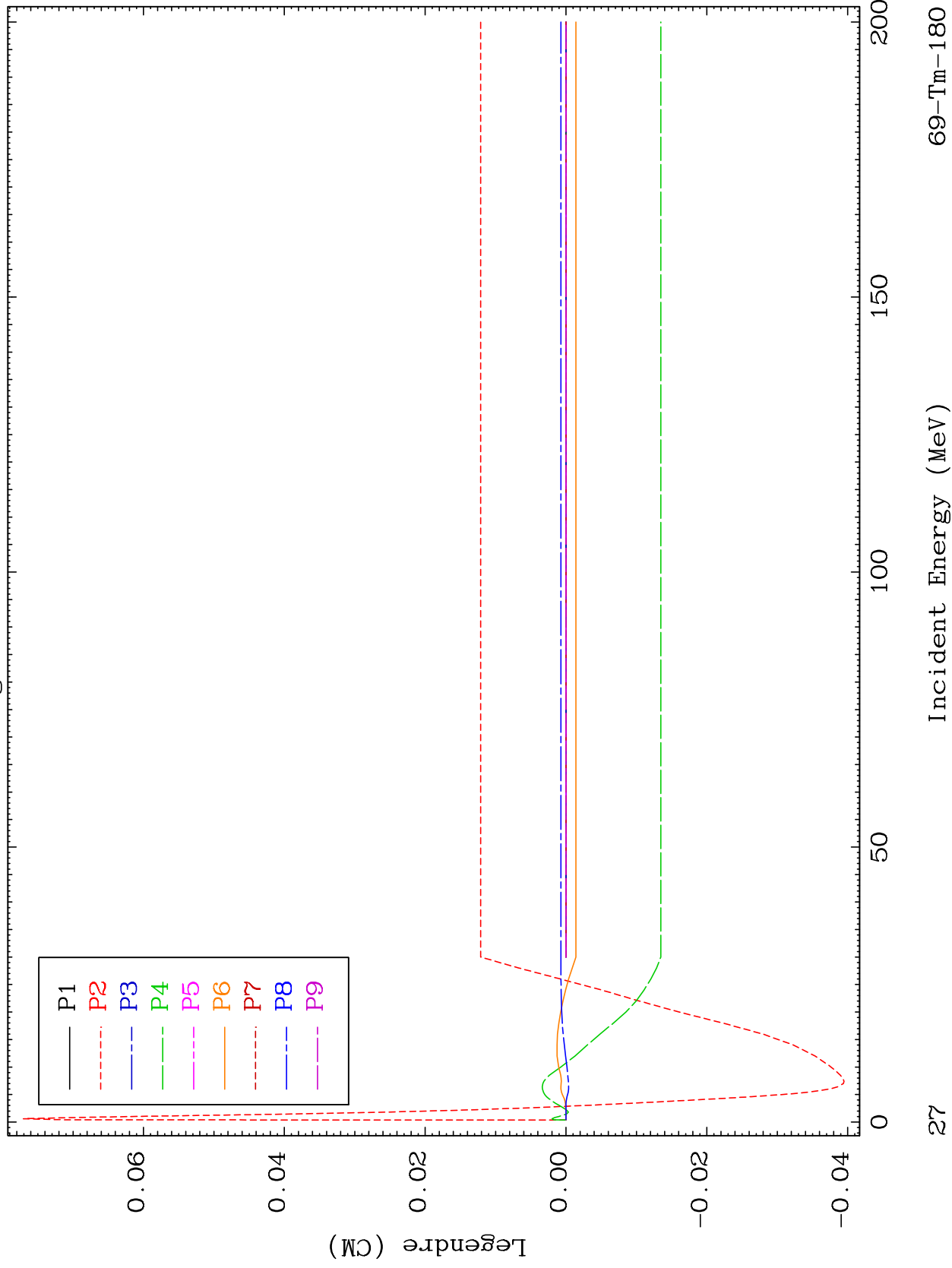
69-Tm-180



MAT 6958

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

69-Tm-180



69-Tm-180

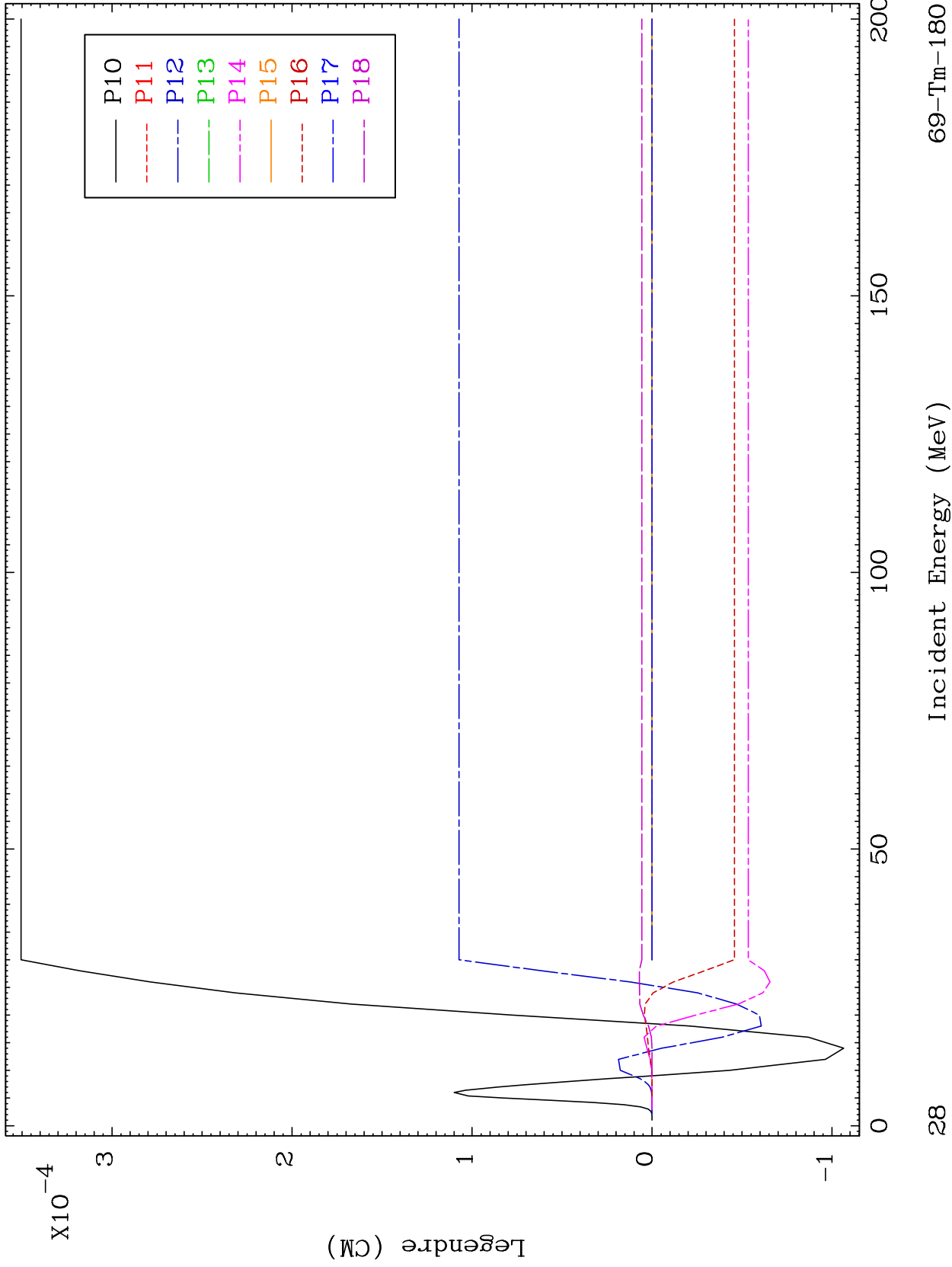
Incident Energy (MeV)

27

MAT 6958

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

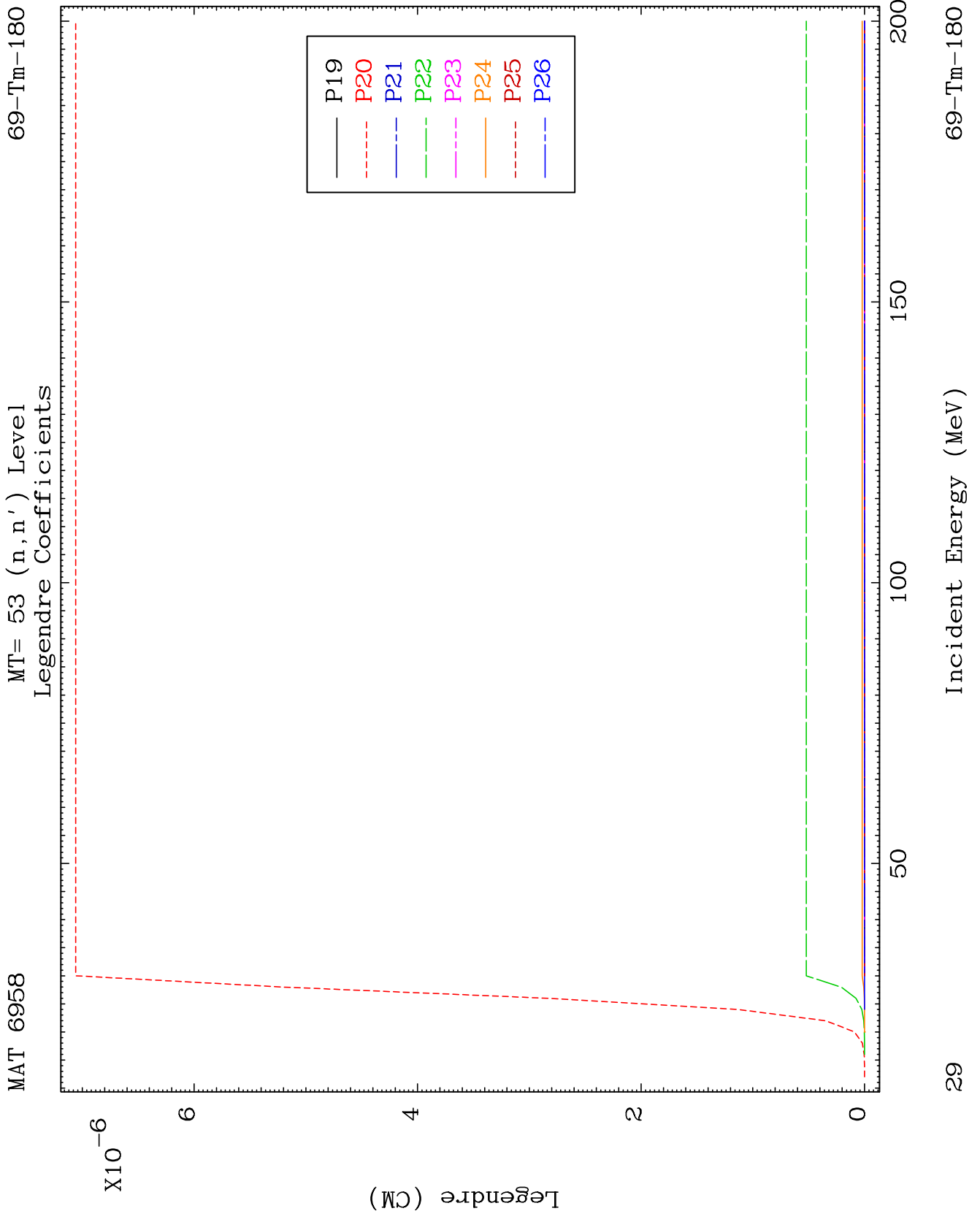
69-Tm-180



28

Incident Energy (MeV)

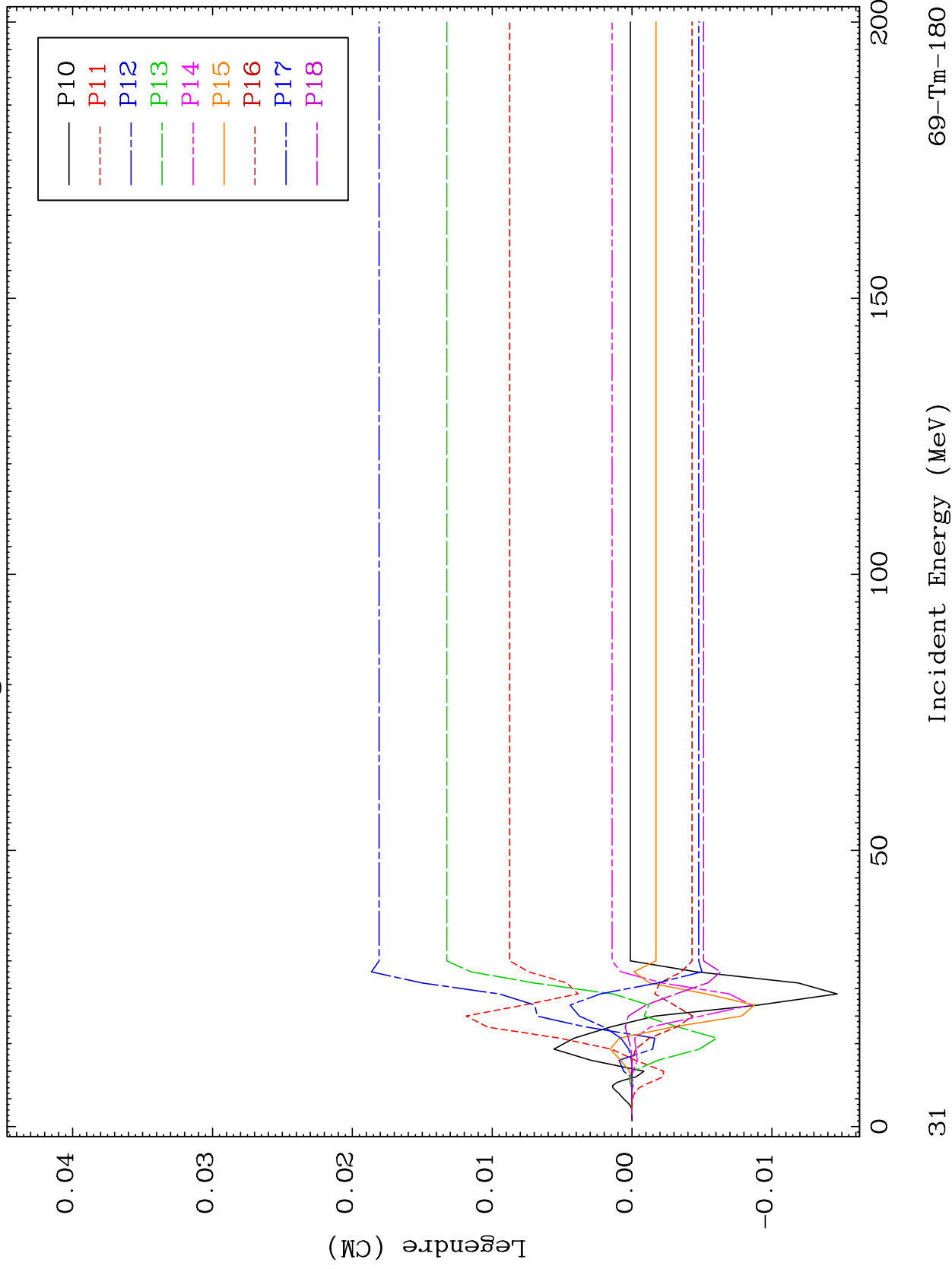
69-Tm-180



MAT 6958

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

69-Tm-180

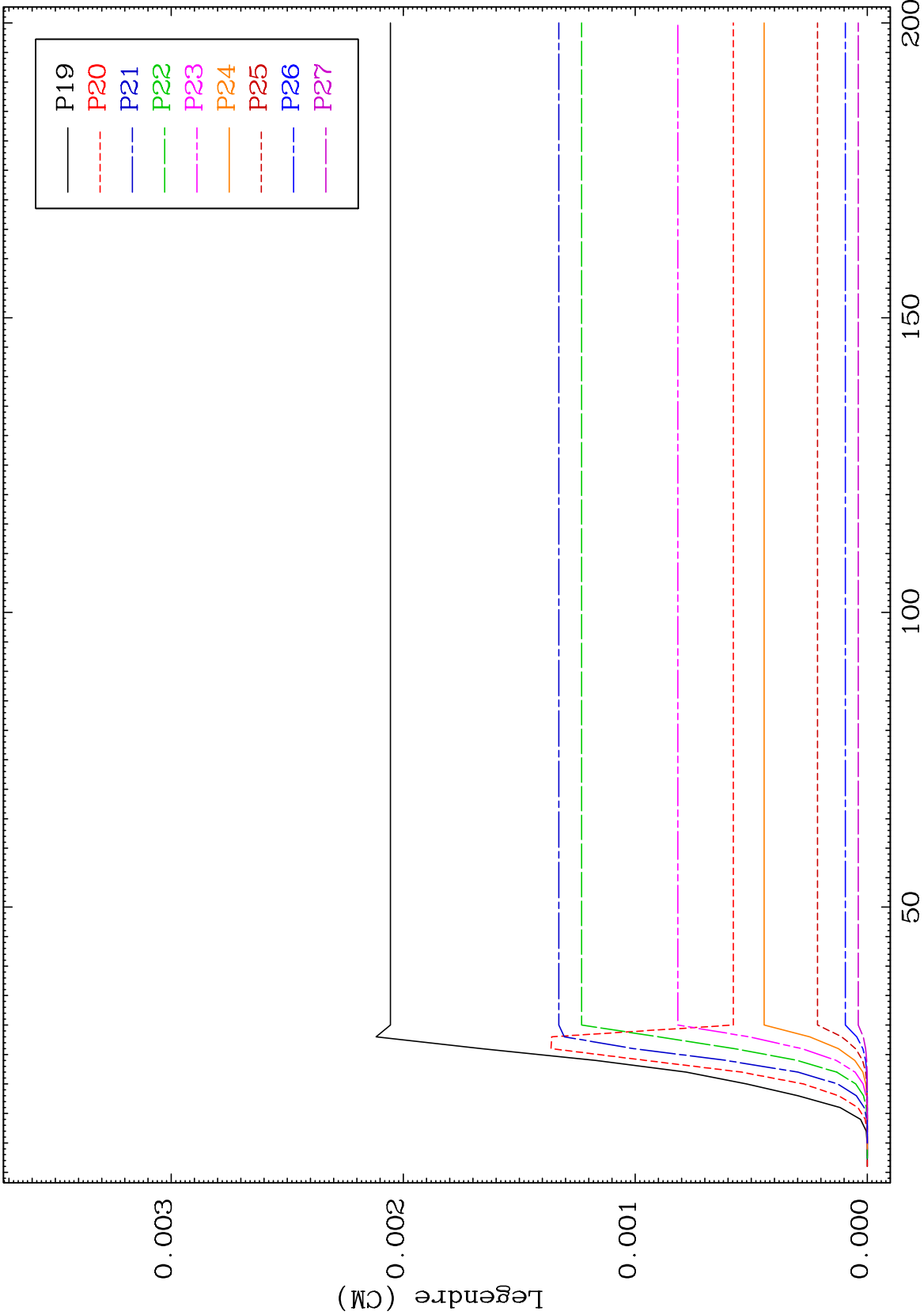


31

MAT 6958

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

69-Tm-180



32

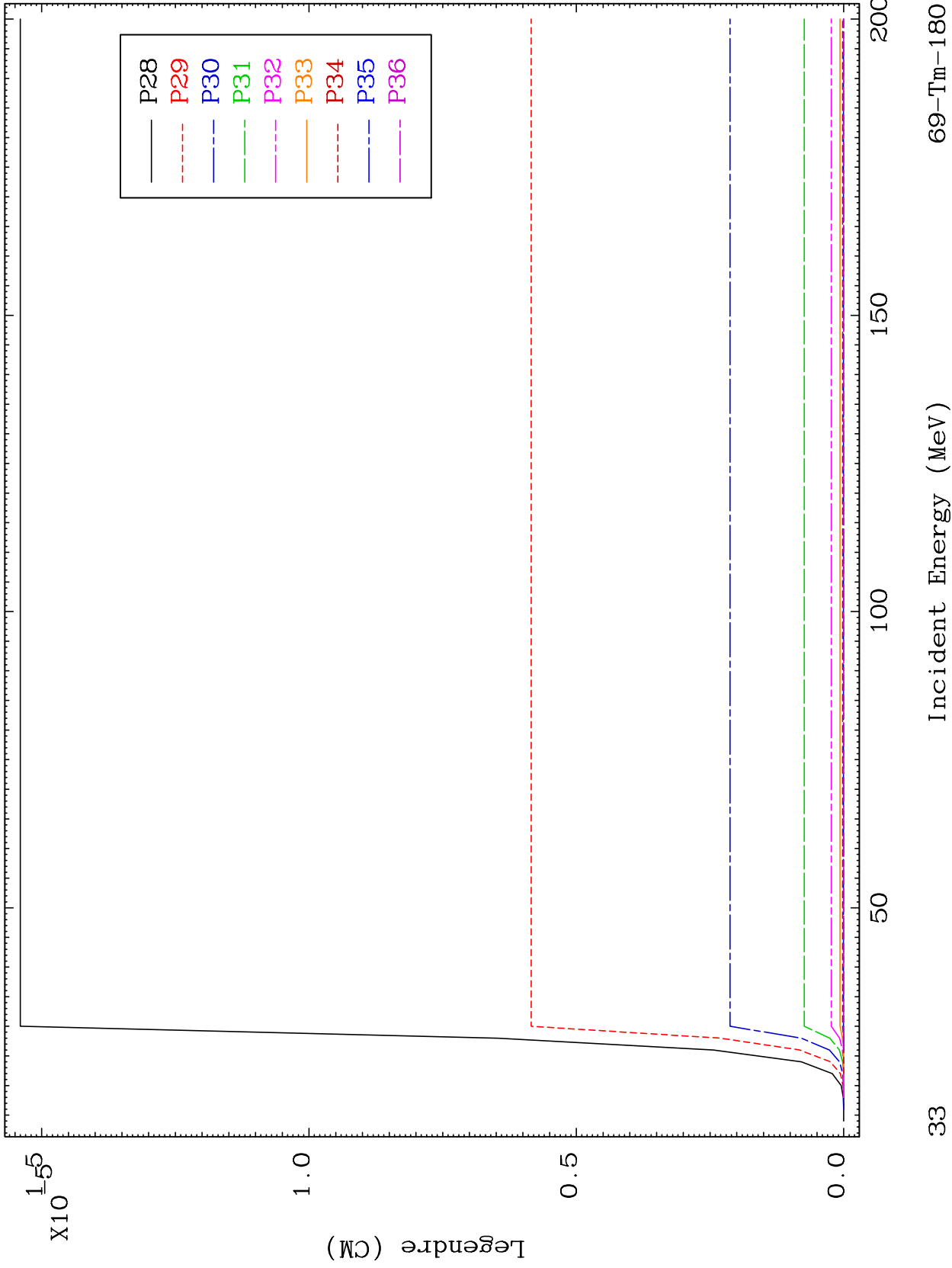
Incident Energy (MeV)

69-Tm-180

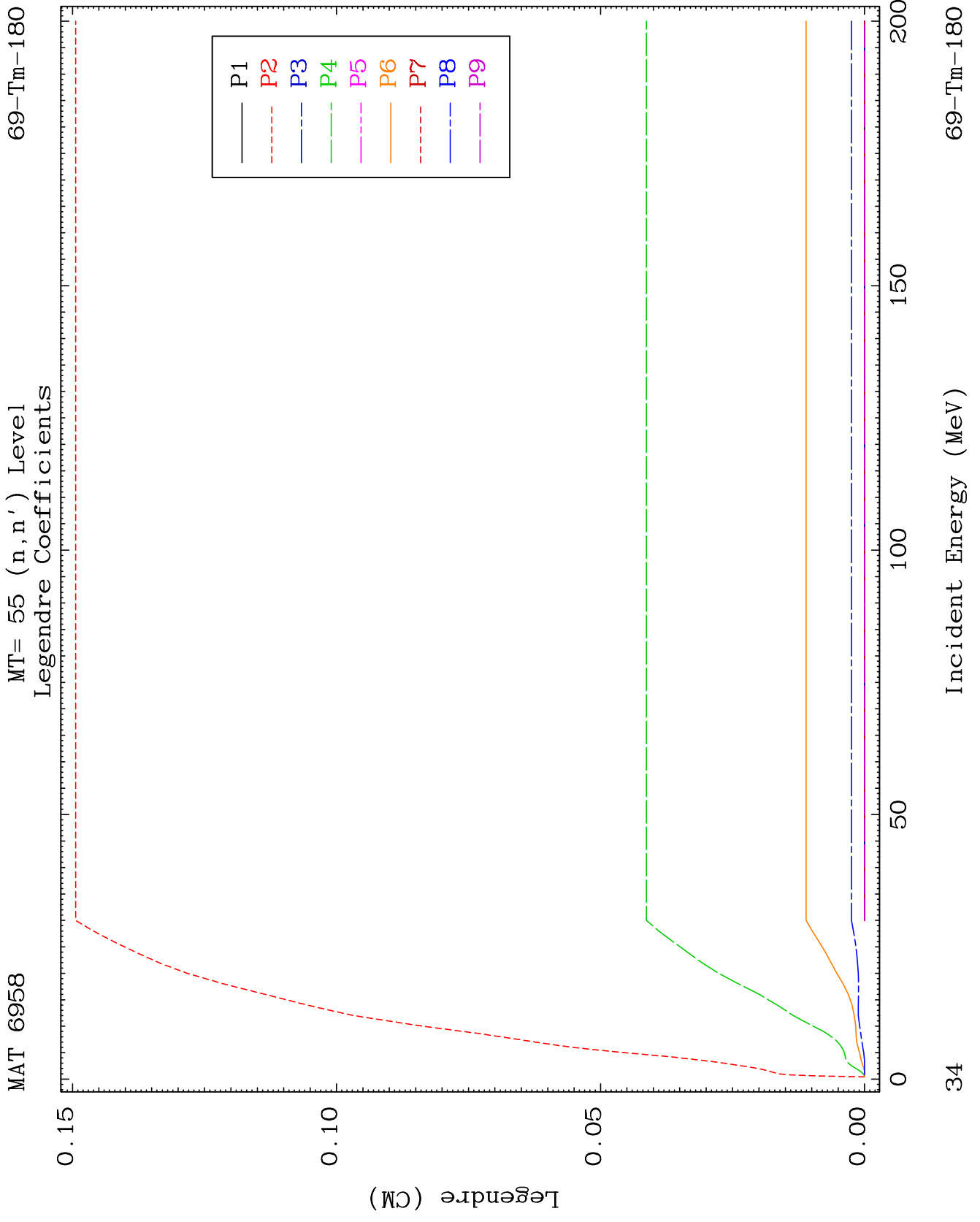
MAT 6958

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

69-Tm-180



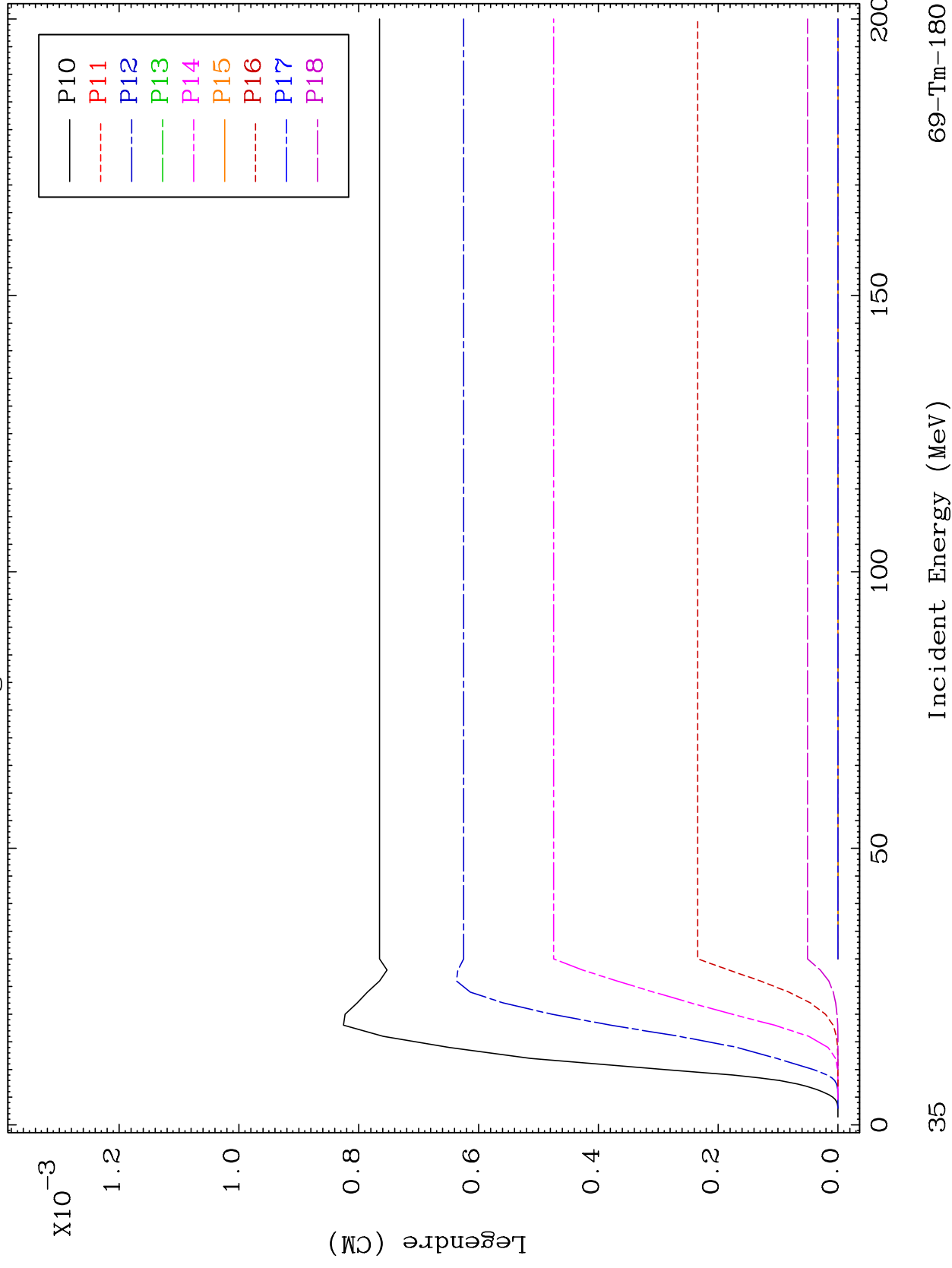
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MAT 6958

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

69-Tm-180



69-Tm-180

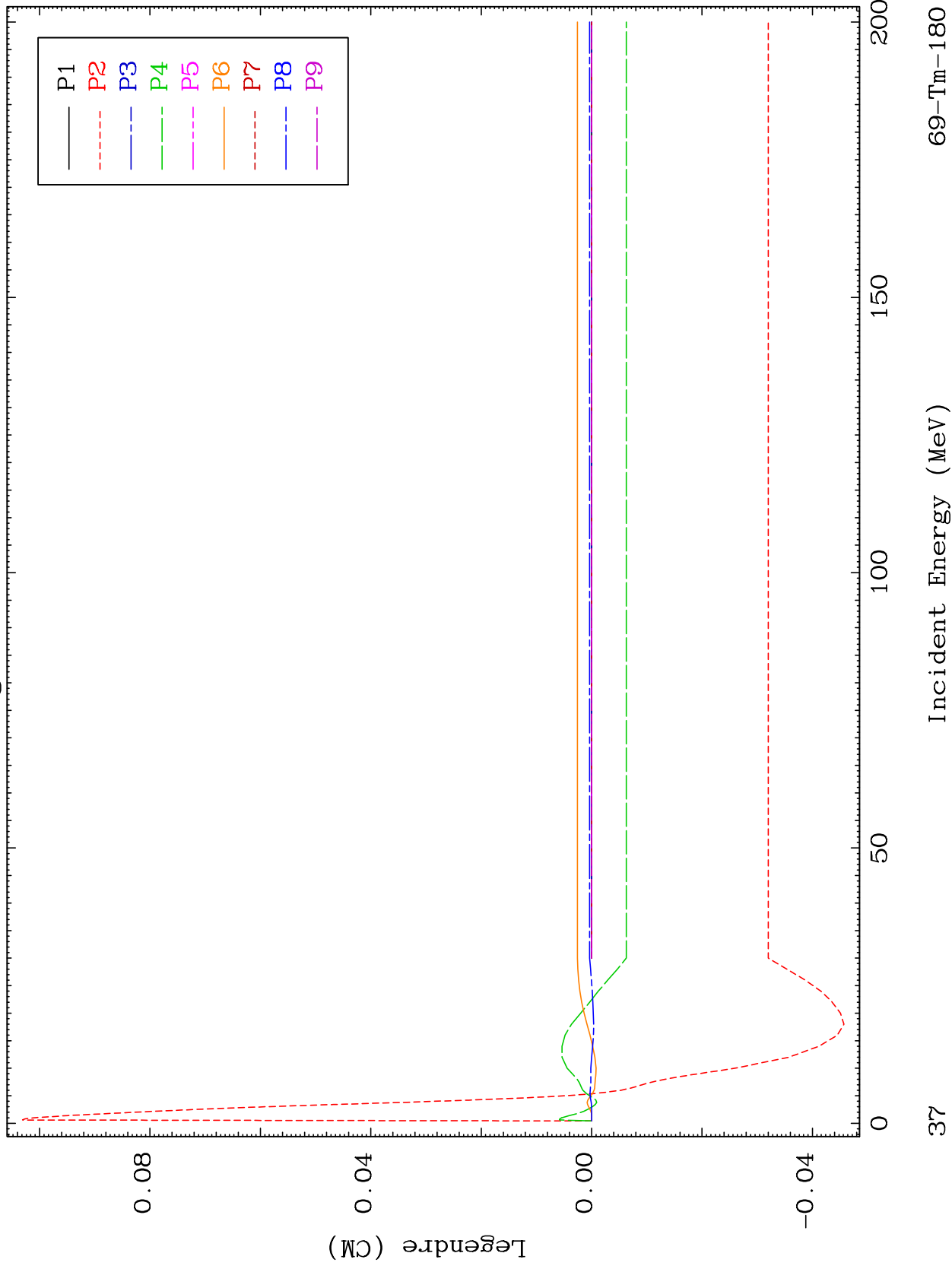
Incident Energy (MeV)

35

MAT 6958

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

69-Tm-180



69-Tm-180

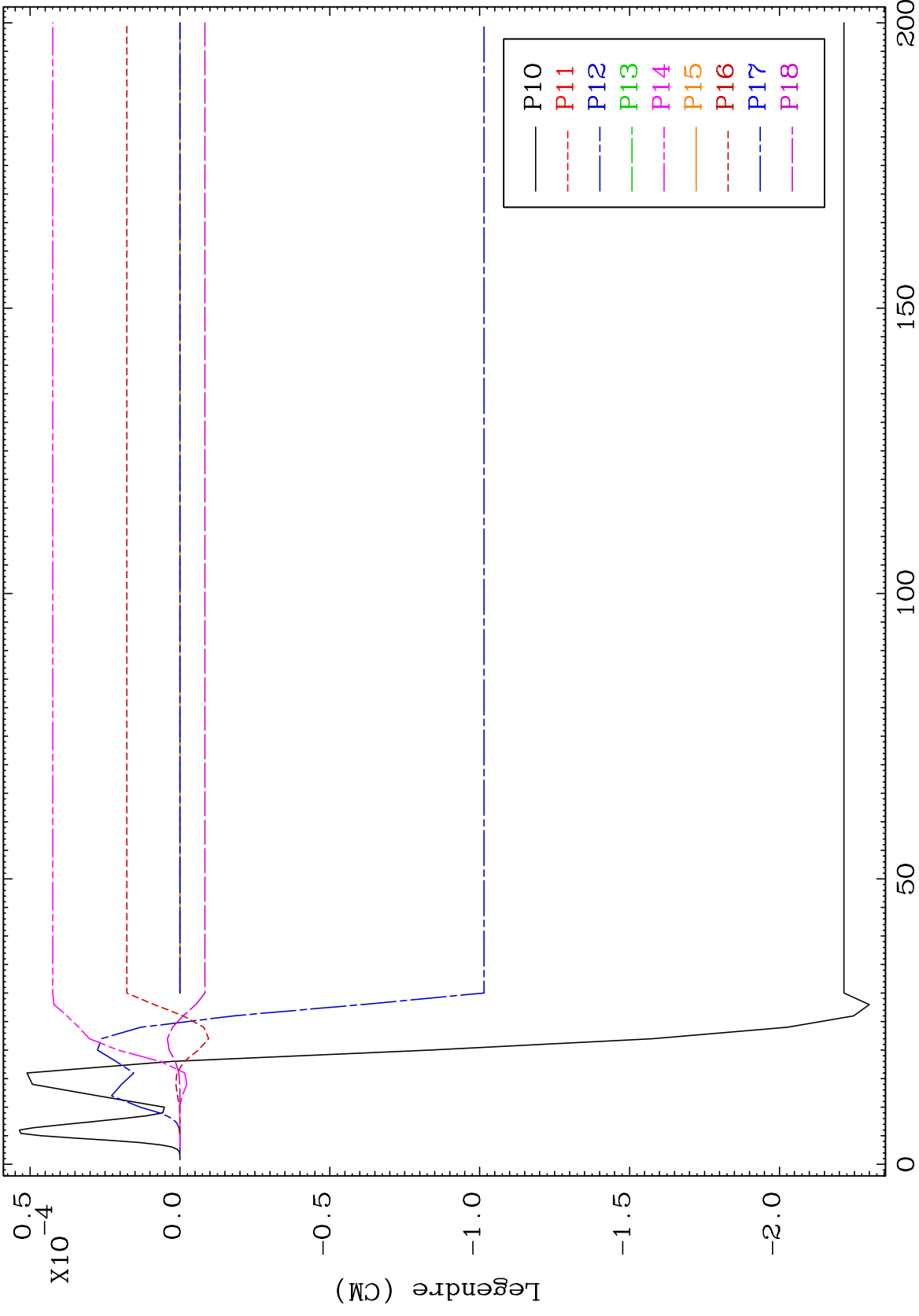
Incident Energy (MeV)

37

MAT 6958

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

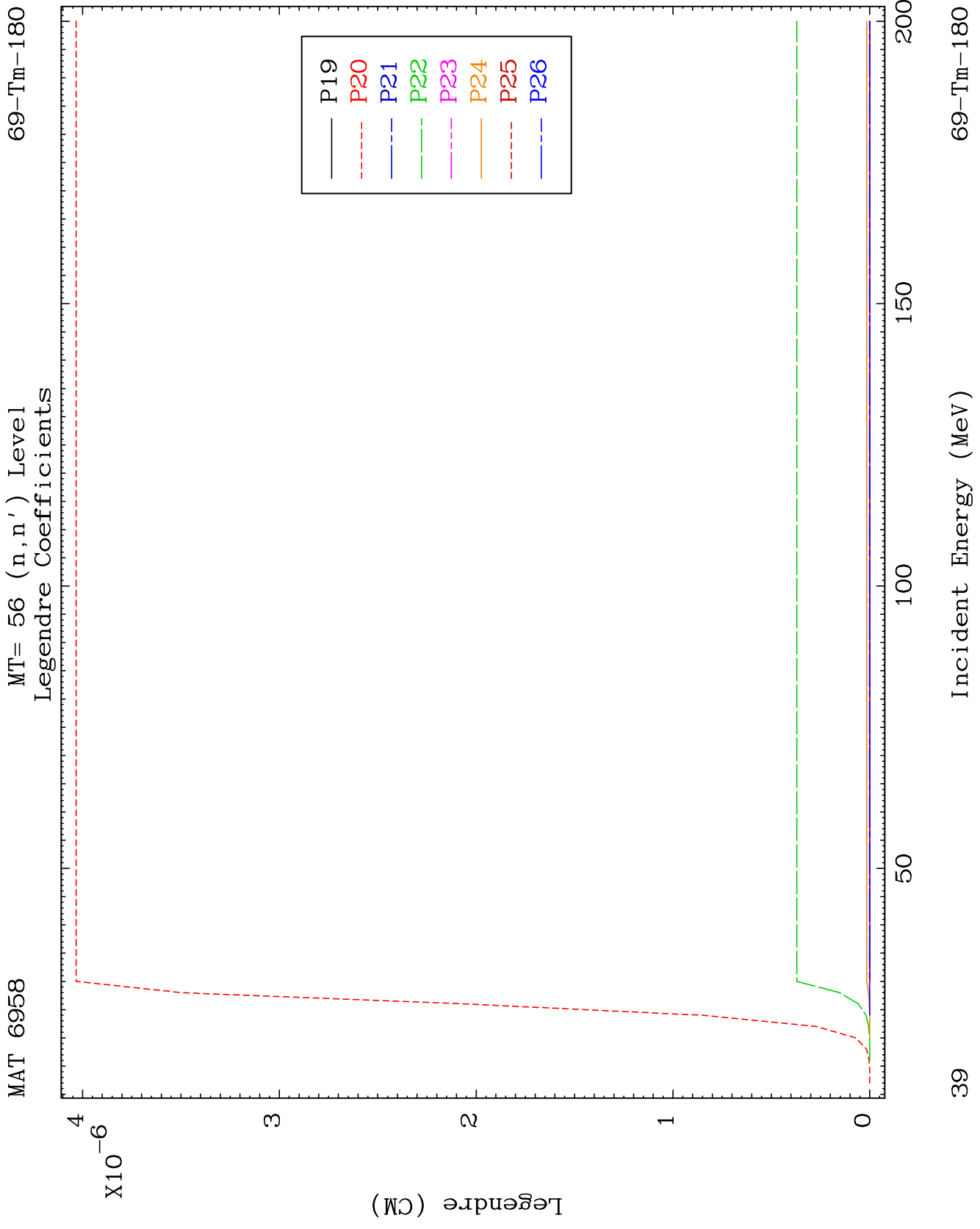
69-Tm-180



38

Incident Energy (MeV)

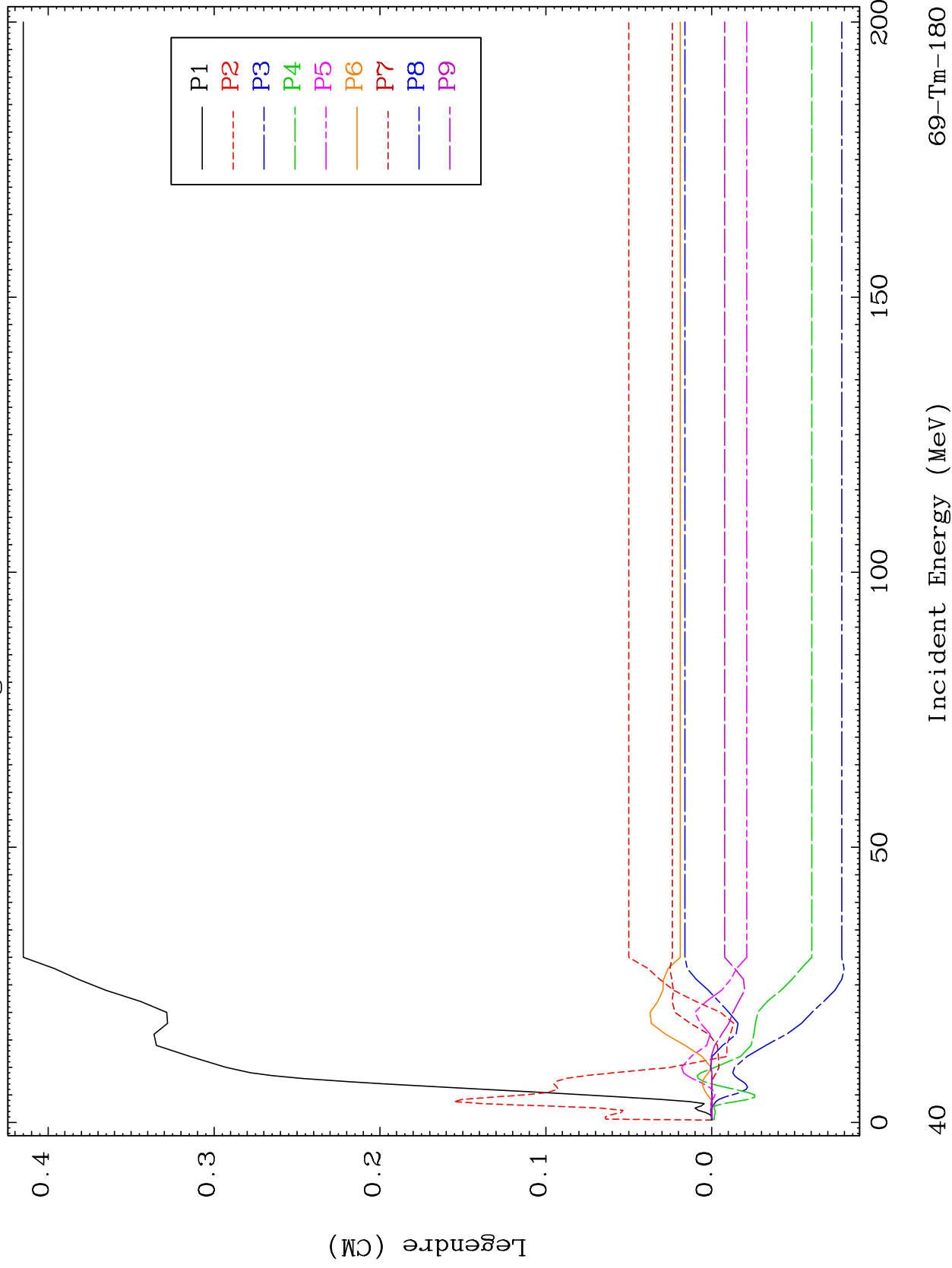
69-Tm-180



MAT 6958

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

69-Tm-180



69-Tm-180

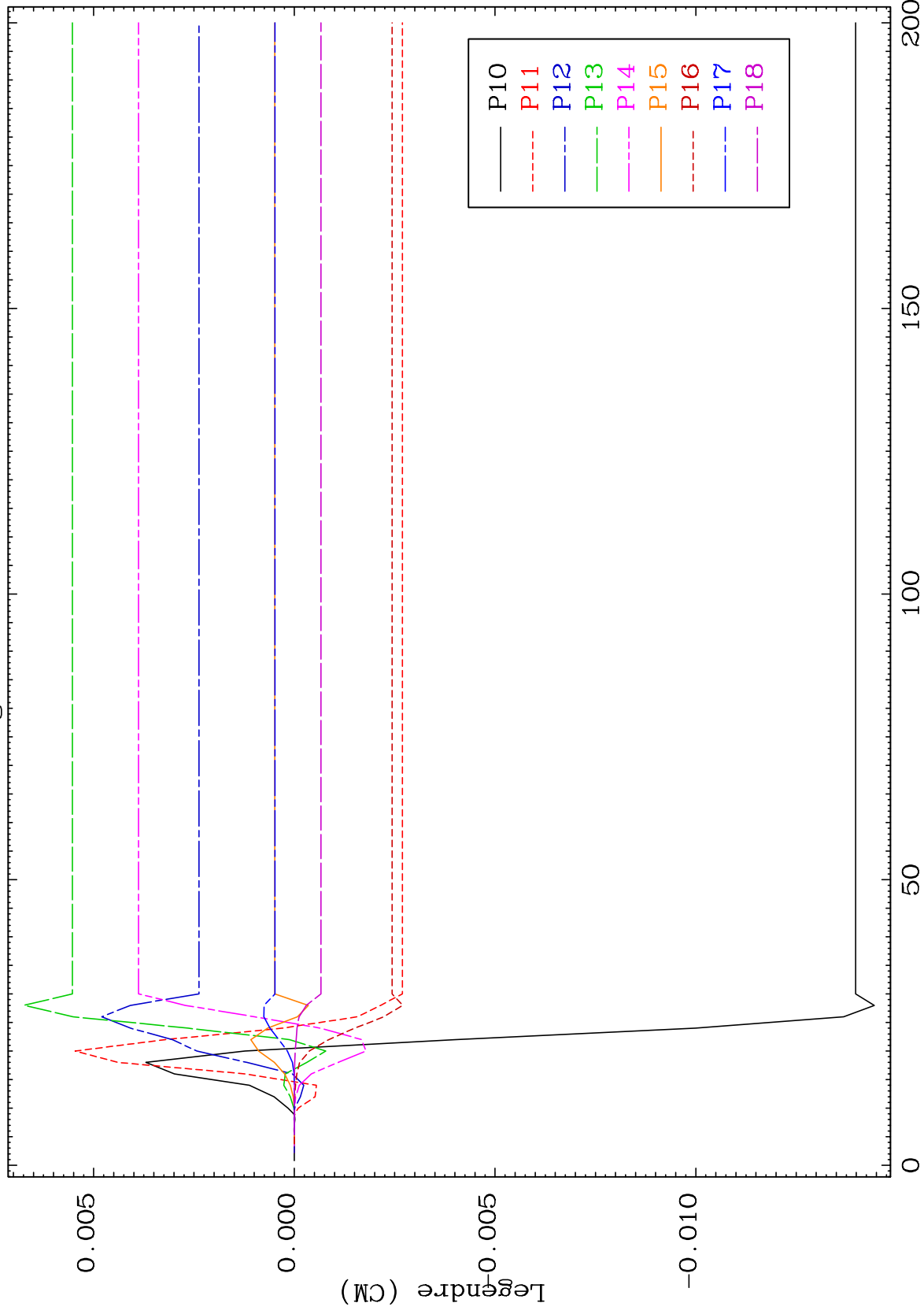
Incident Energy (MeV)

40

MAT 6958

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

69-Tm-180



41

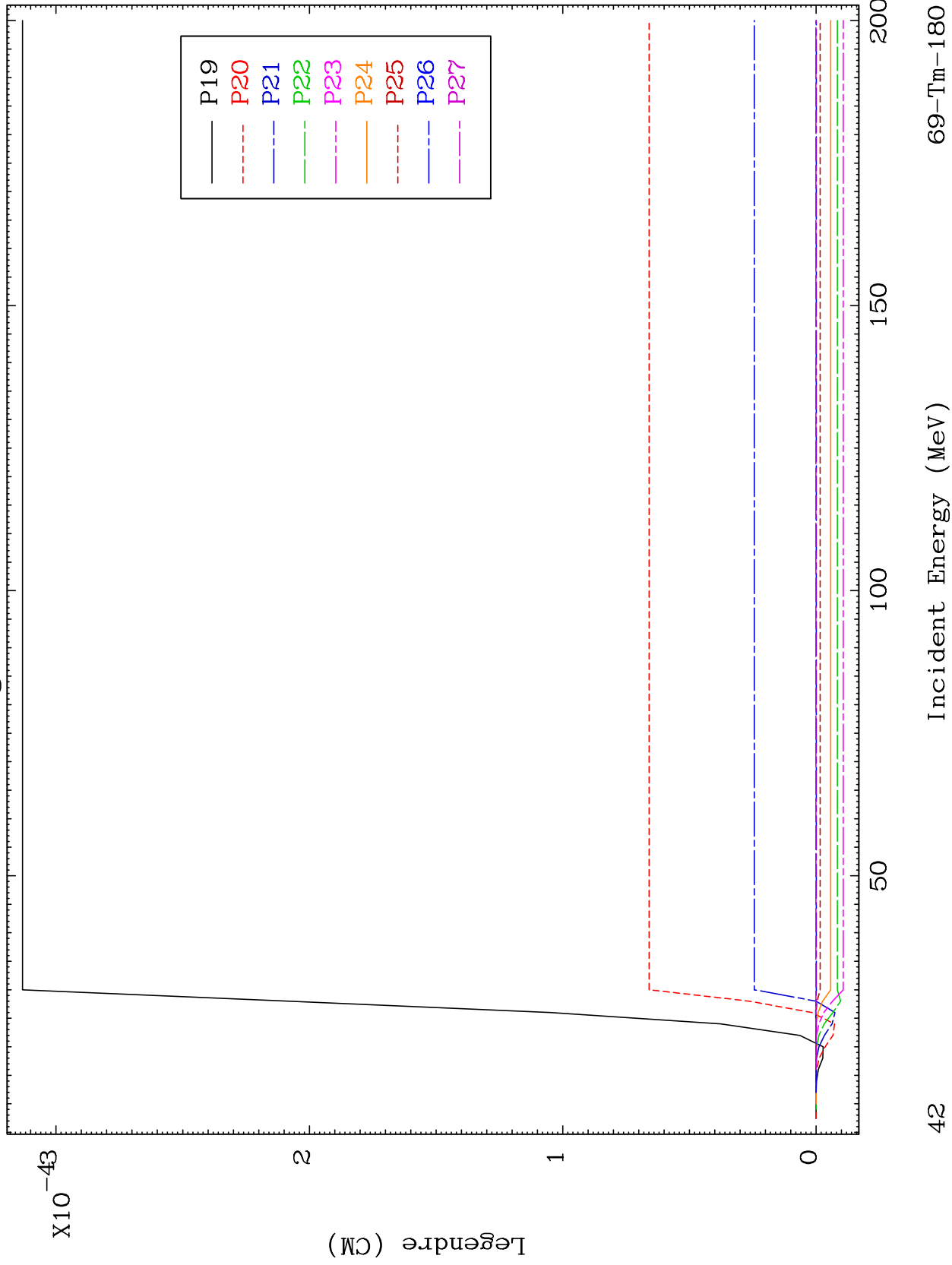
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



42

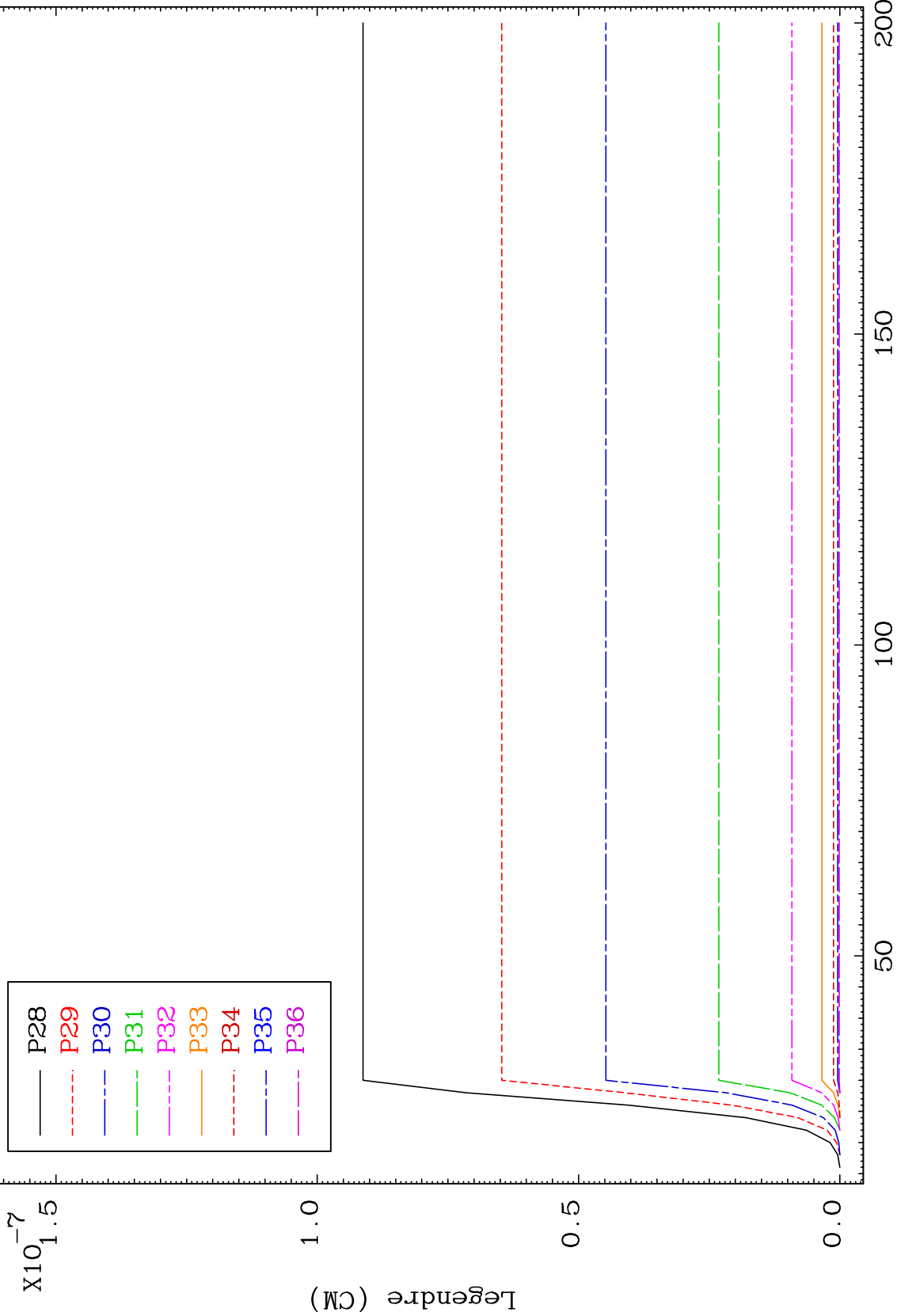
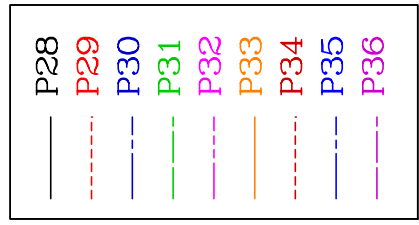
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

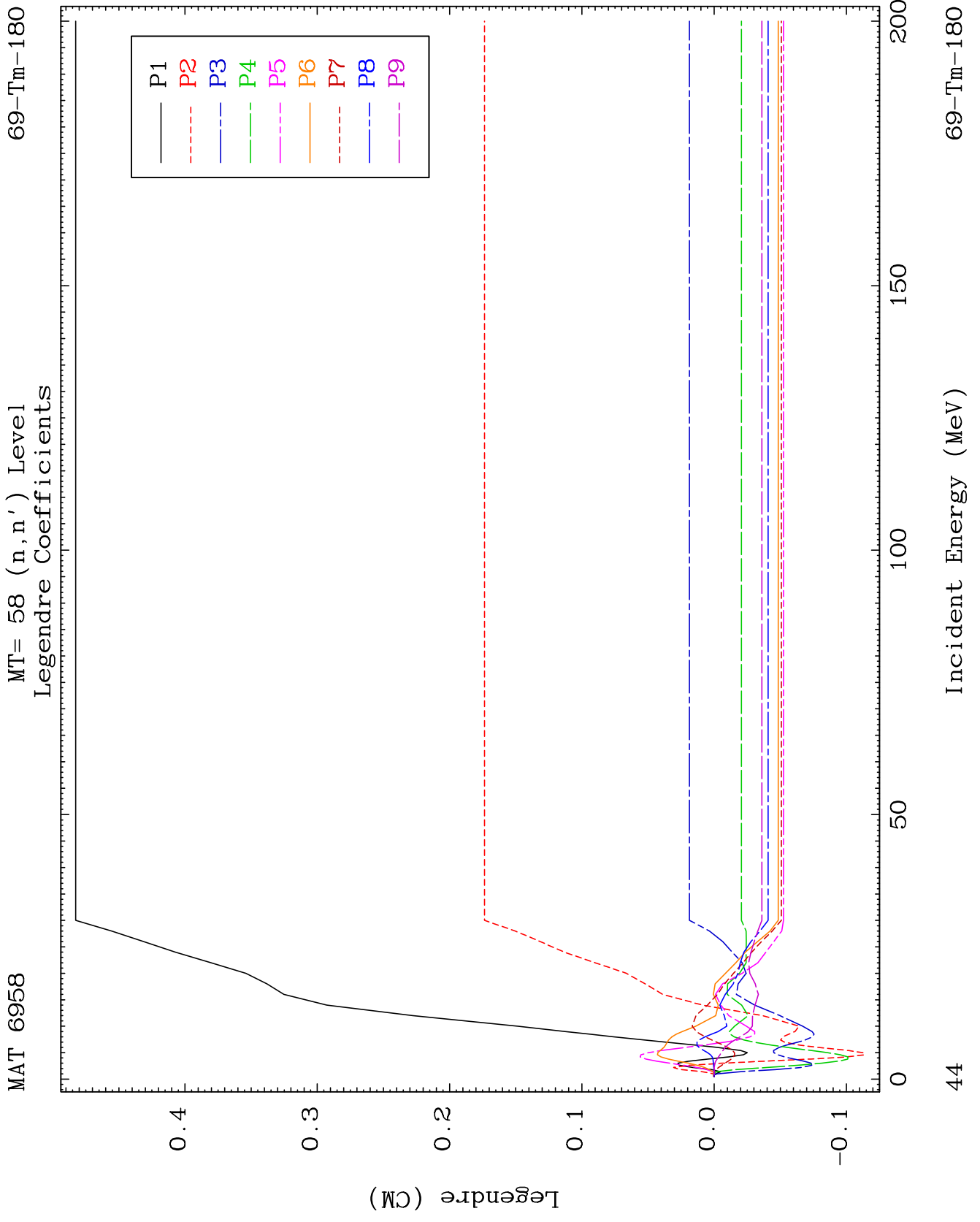
69-Tm-180



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Incident Energy (MeV)

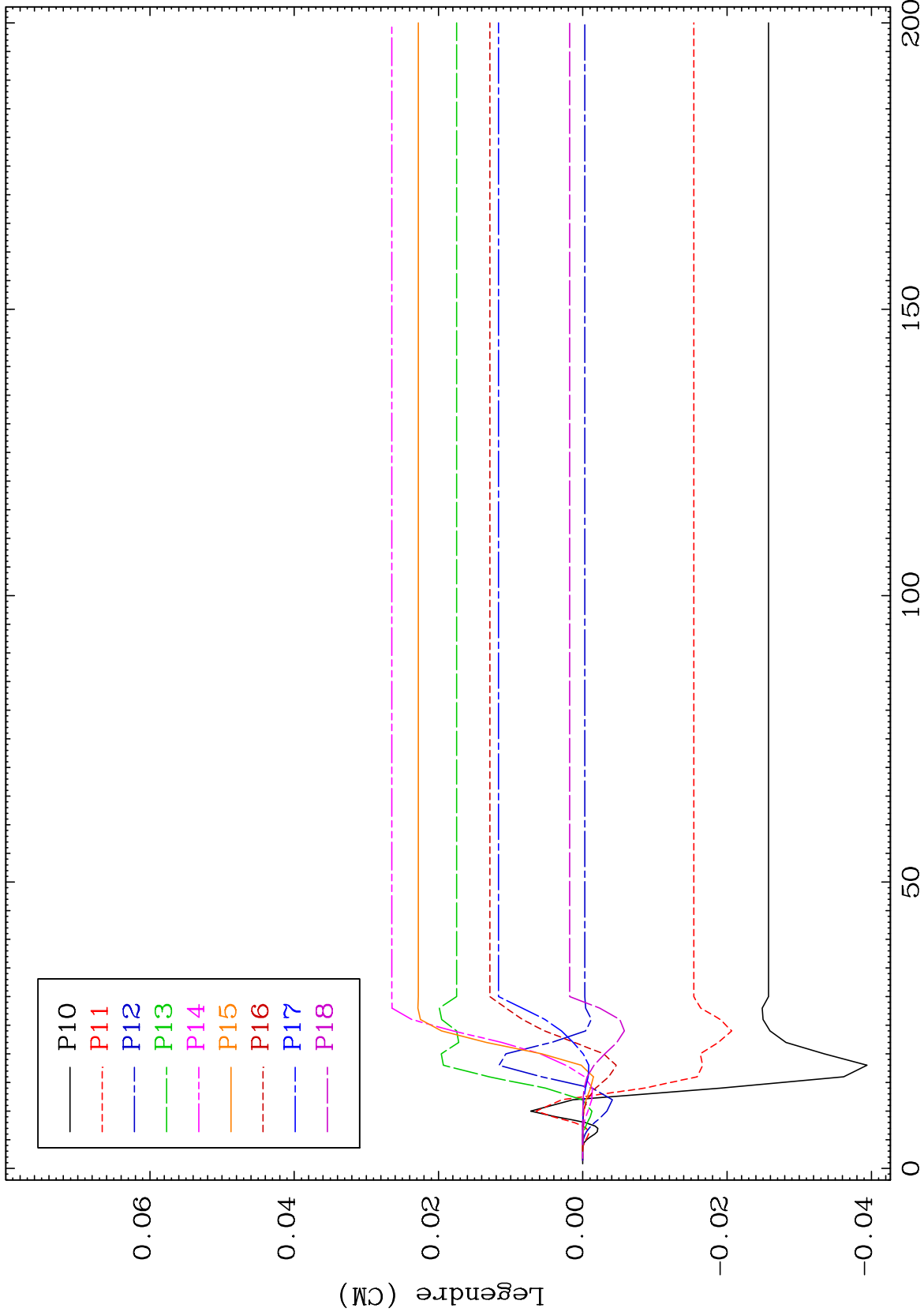
69-Tm-180



MAT 6958

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

69-Tm-180



45

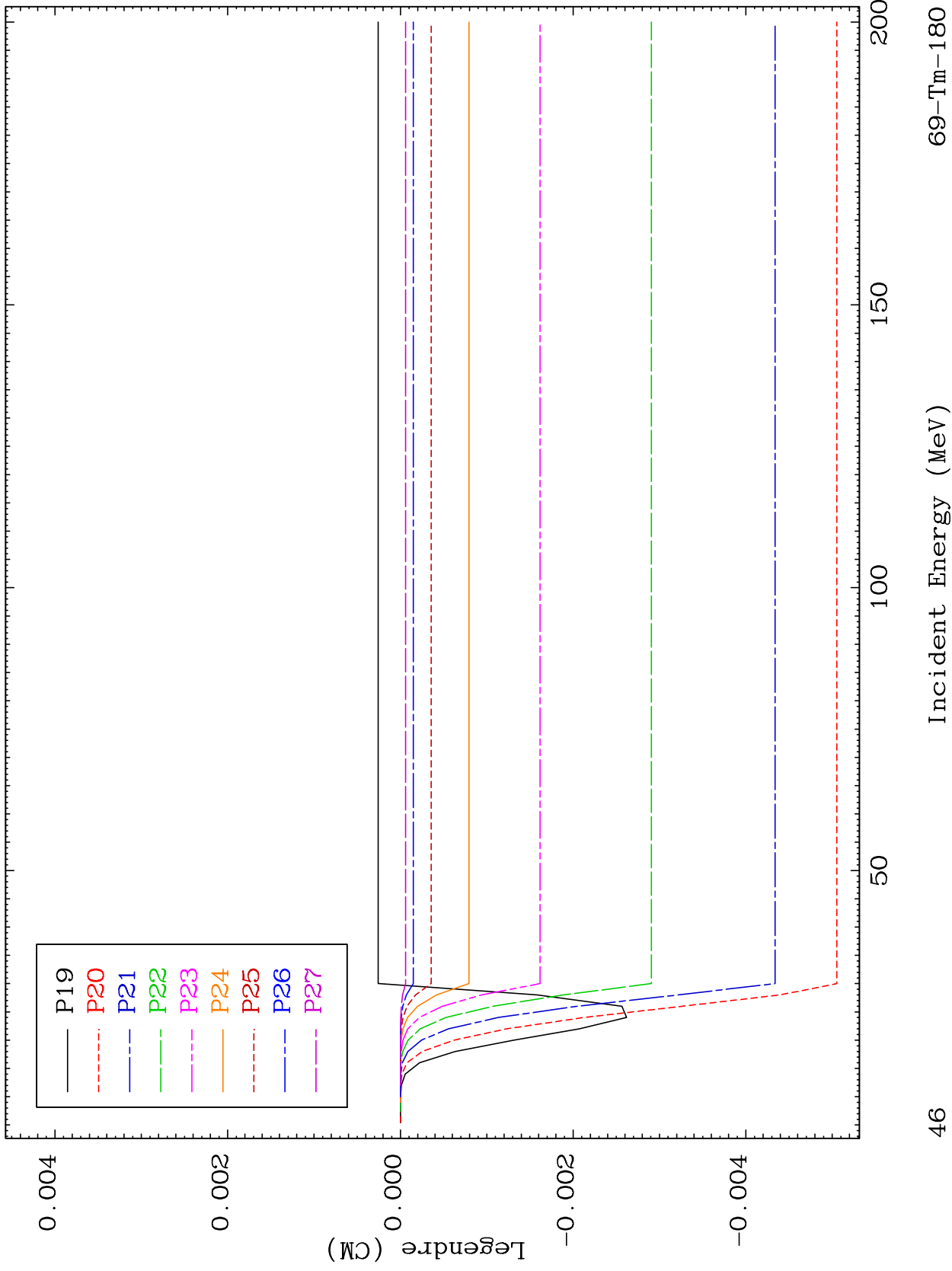
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

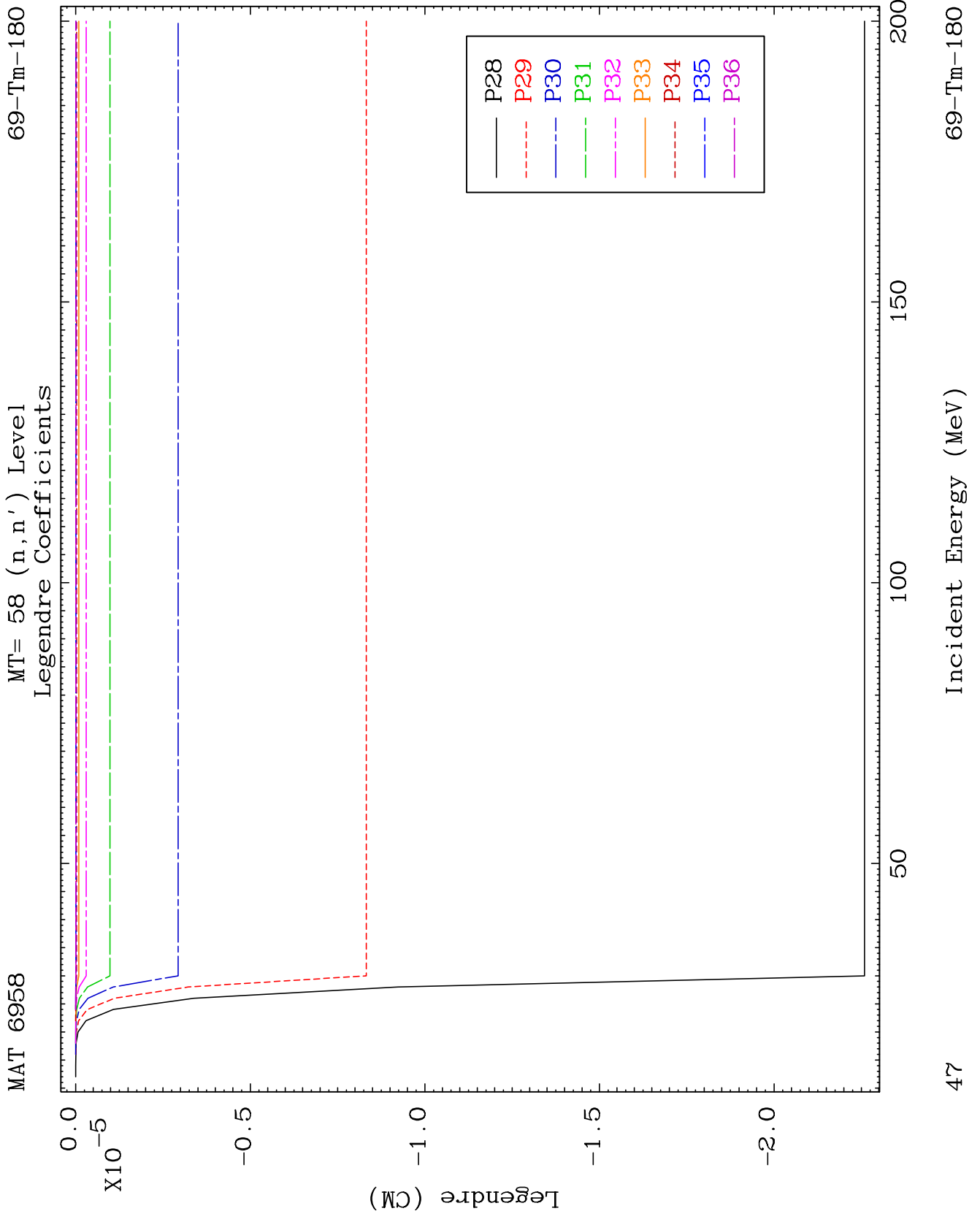
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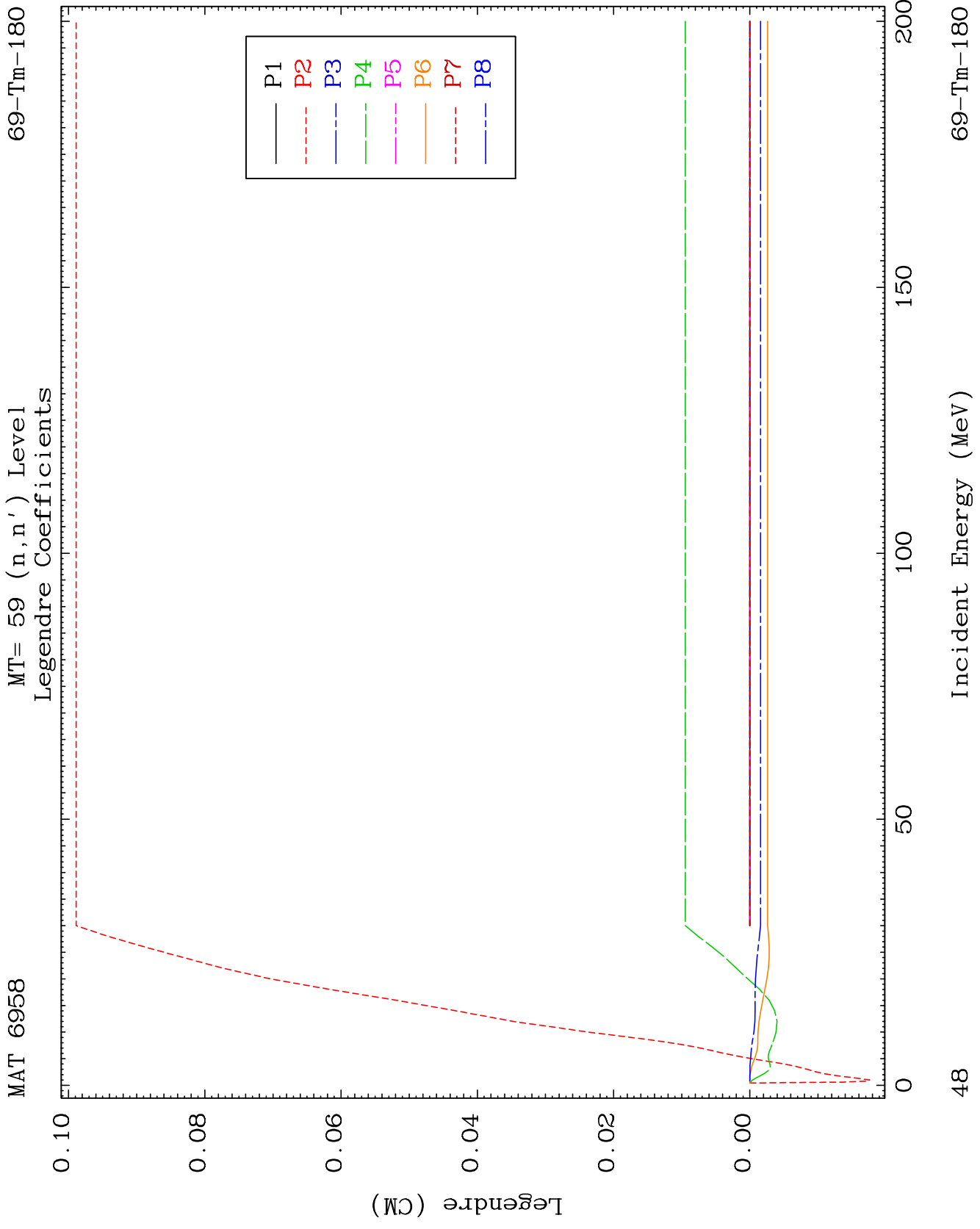


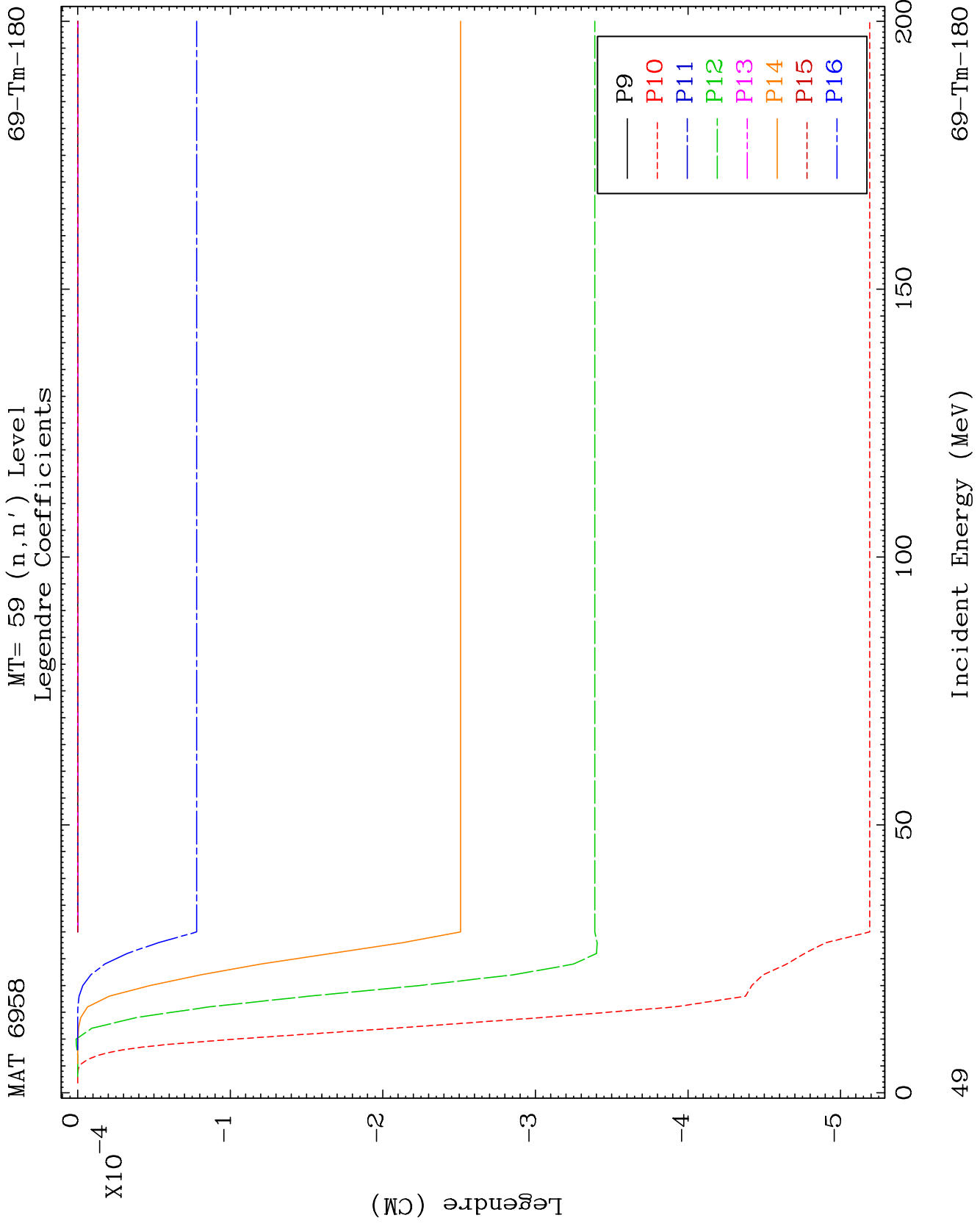
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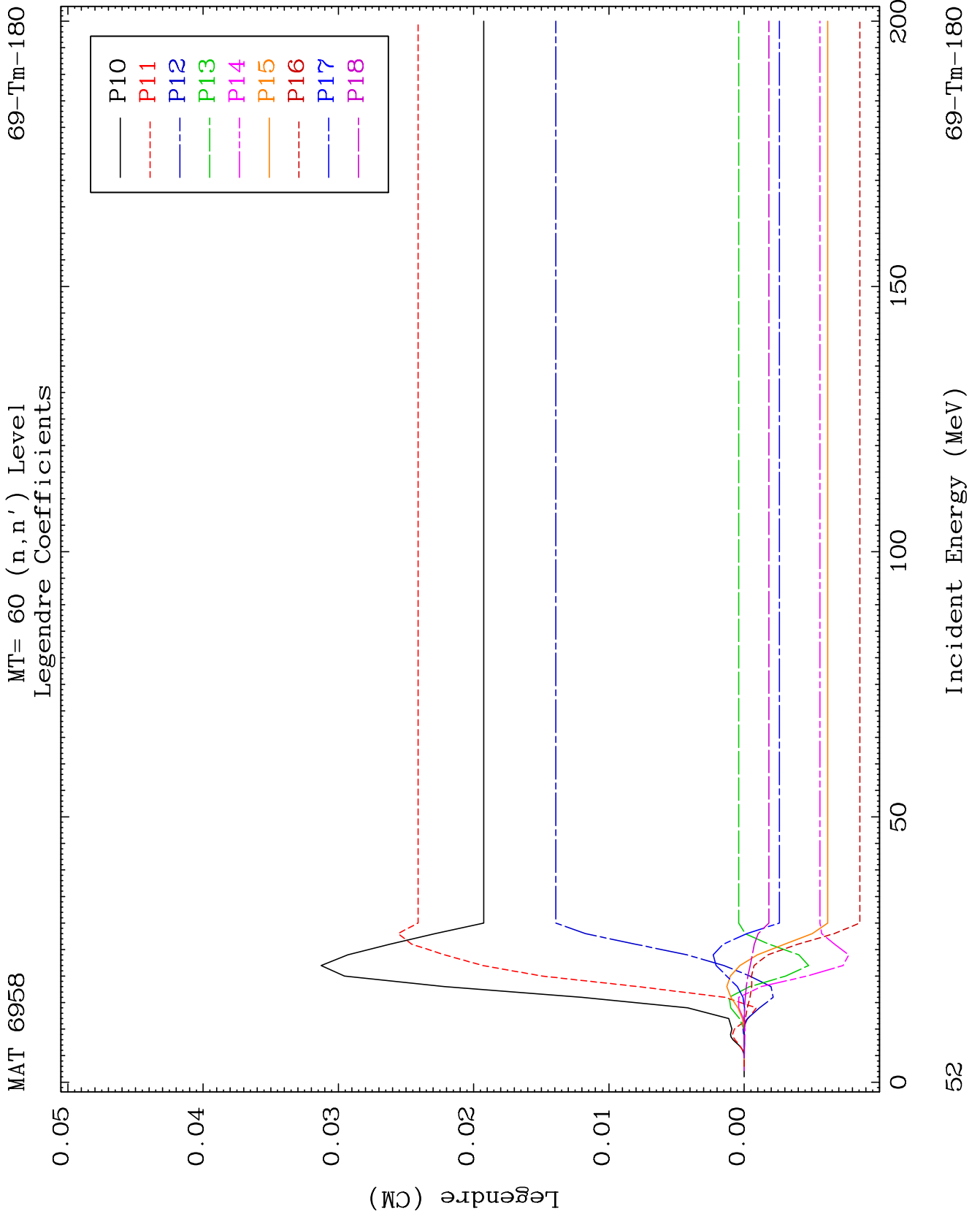
Incident Energy (MeV)

69-Tm-180





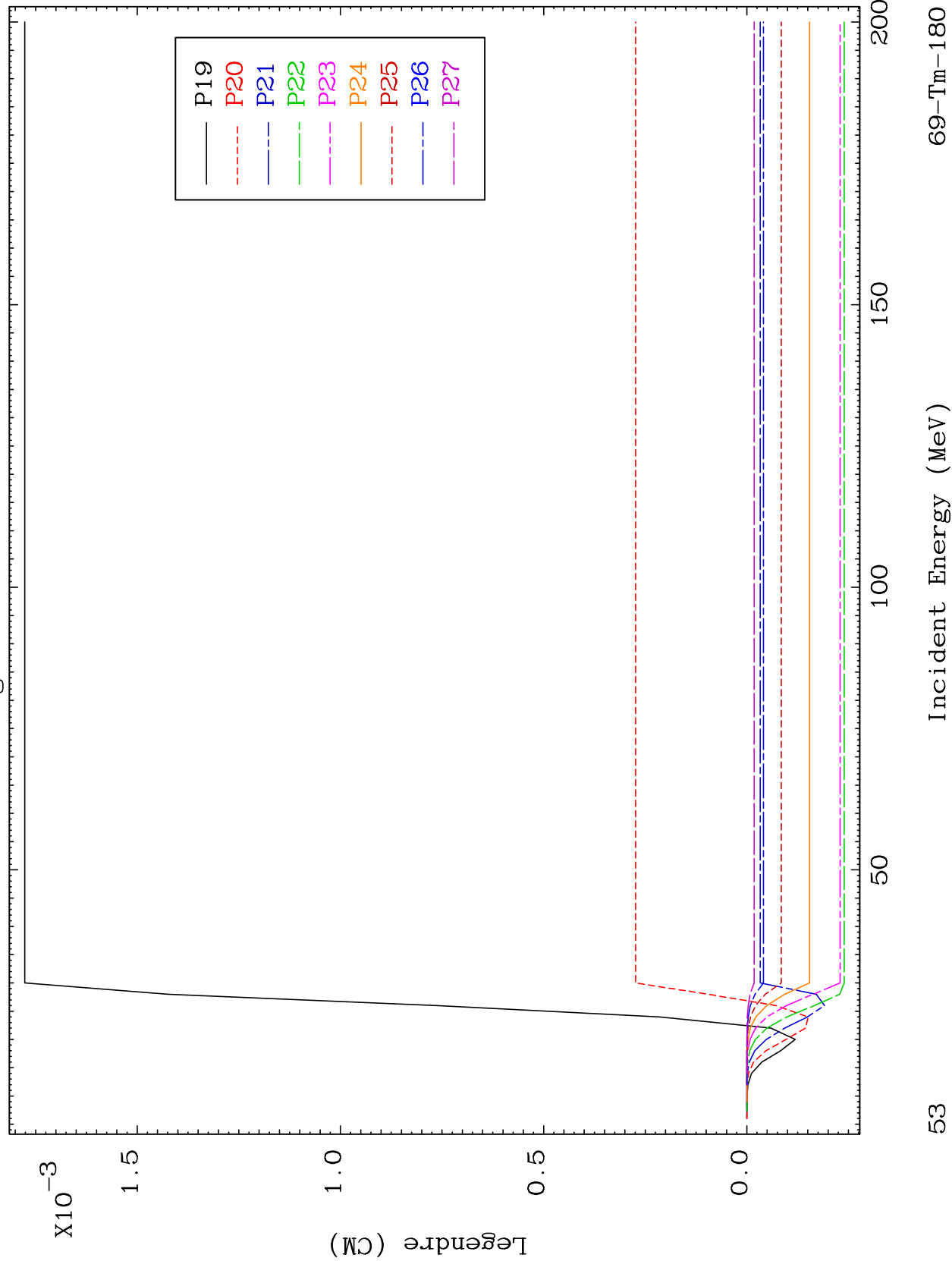


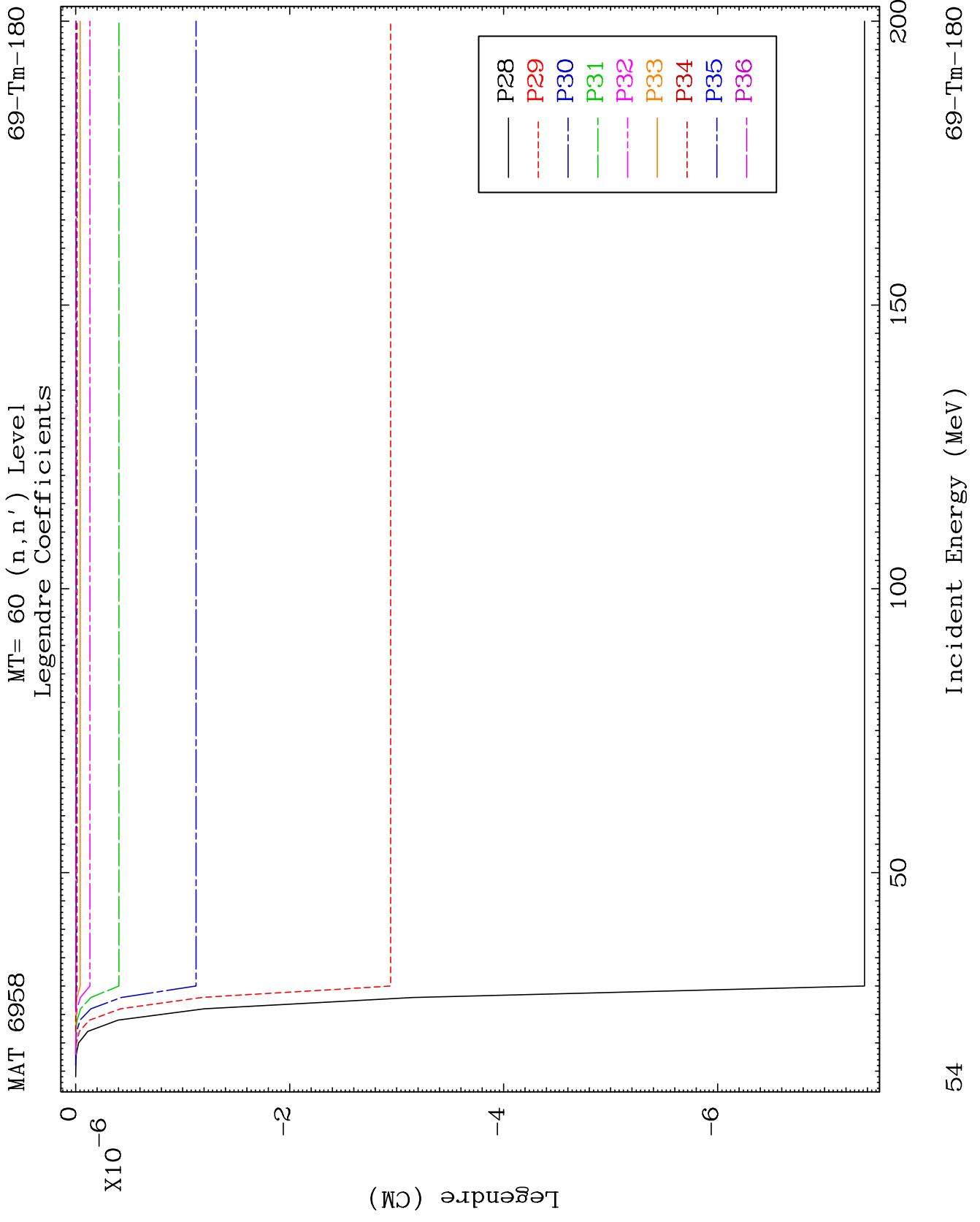


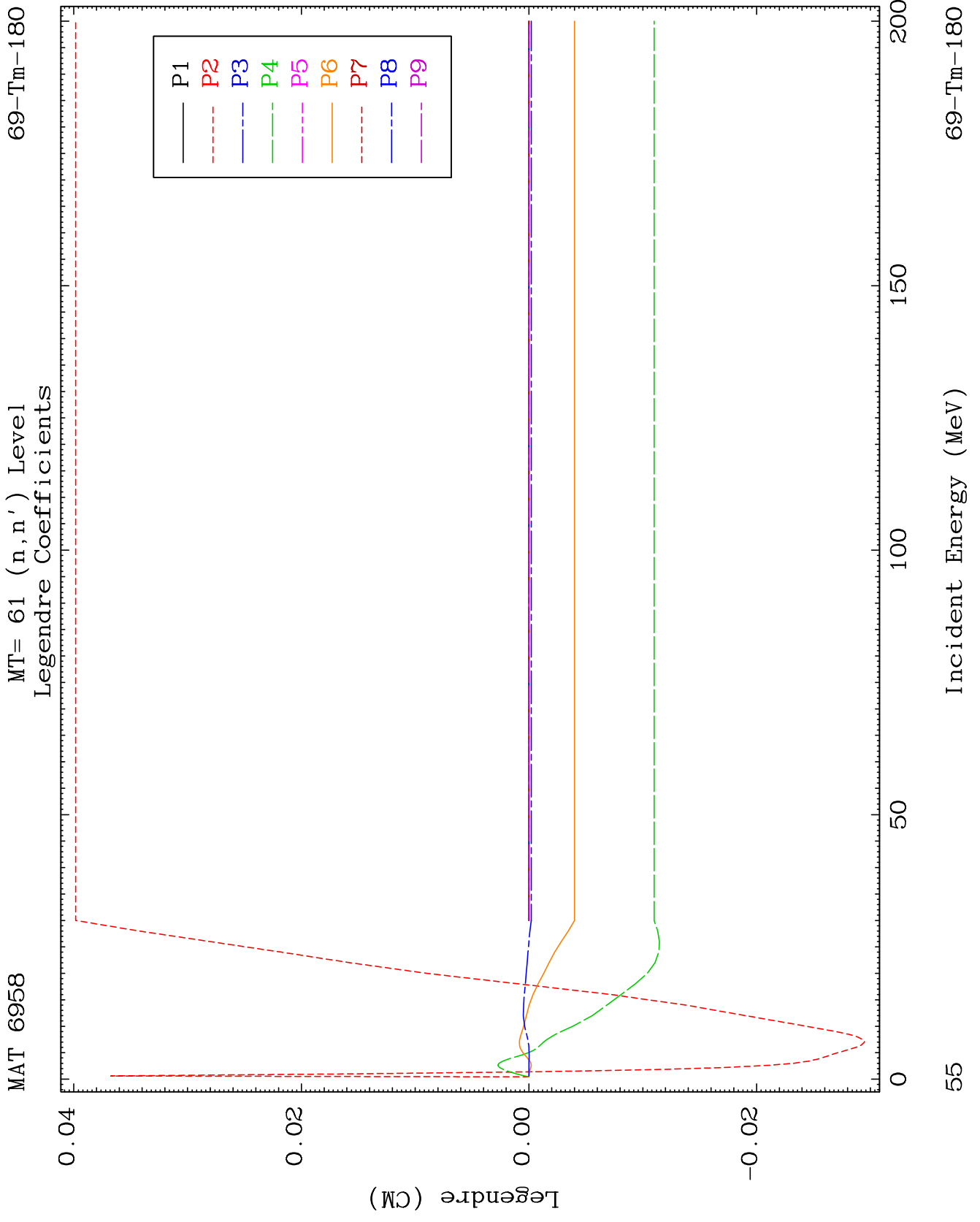
MAT 6958

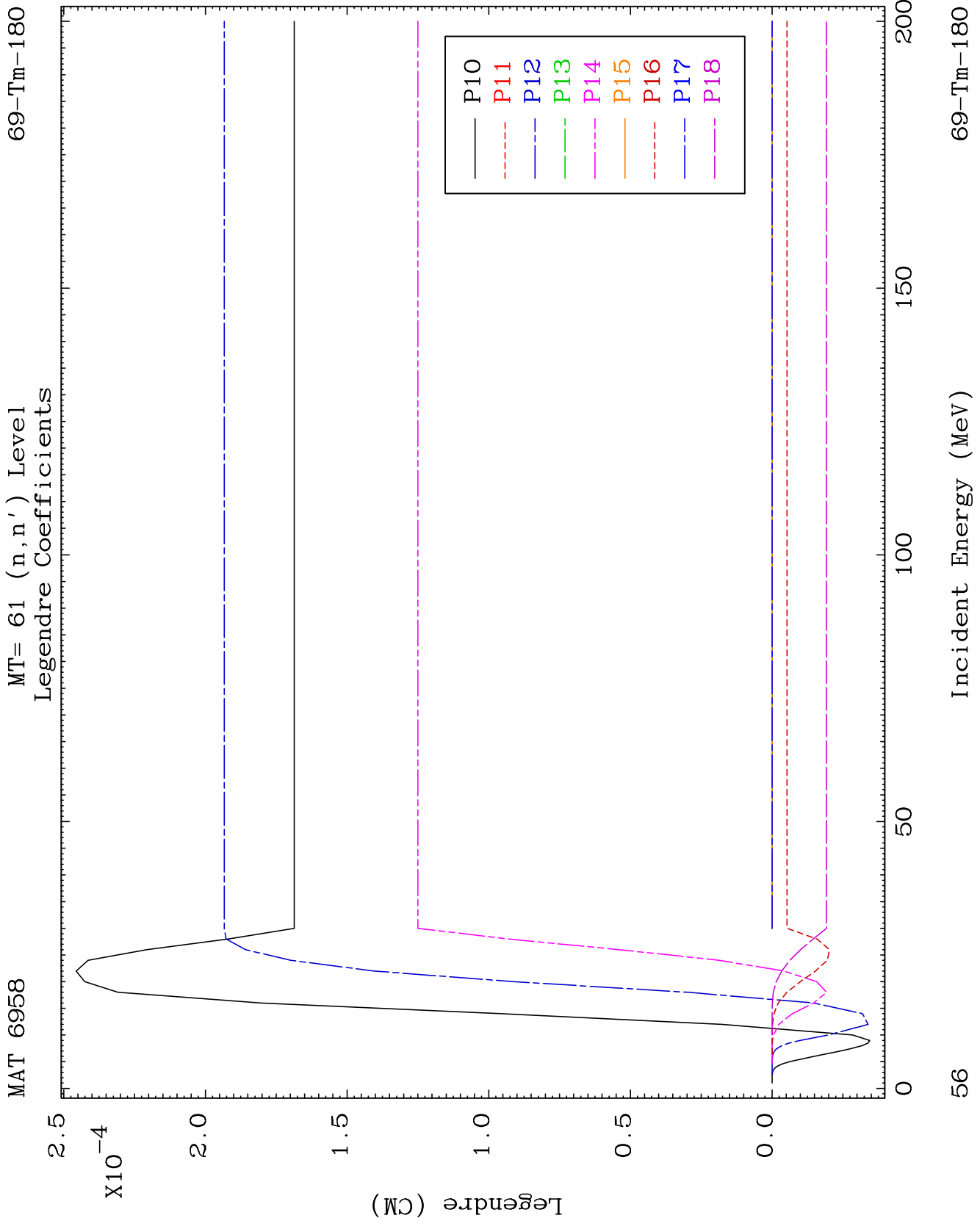
MT= 60 (n,n') Level
Legendre Coefficients

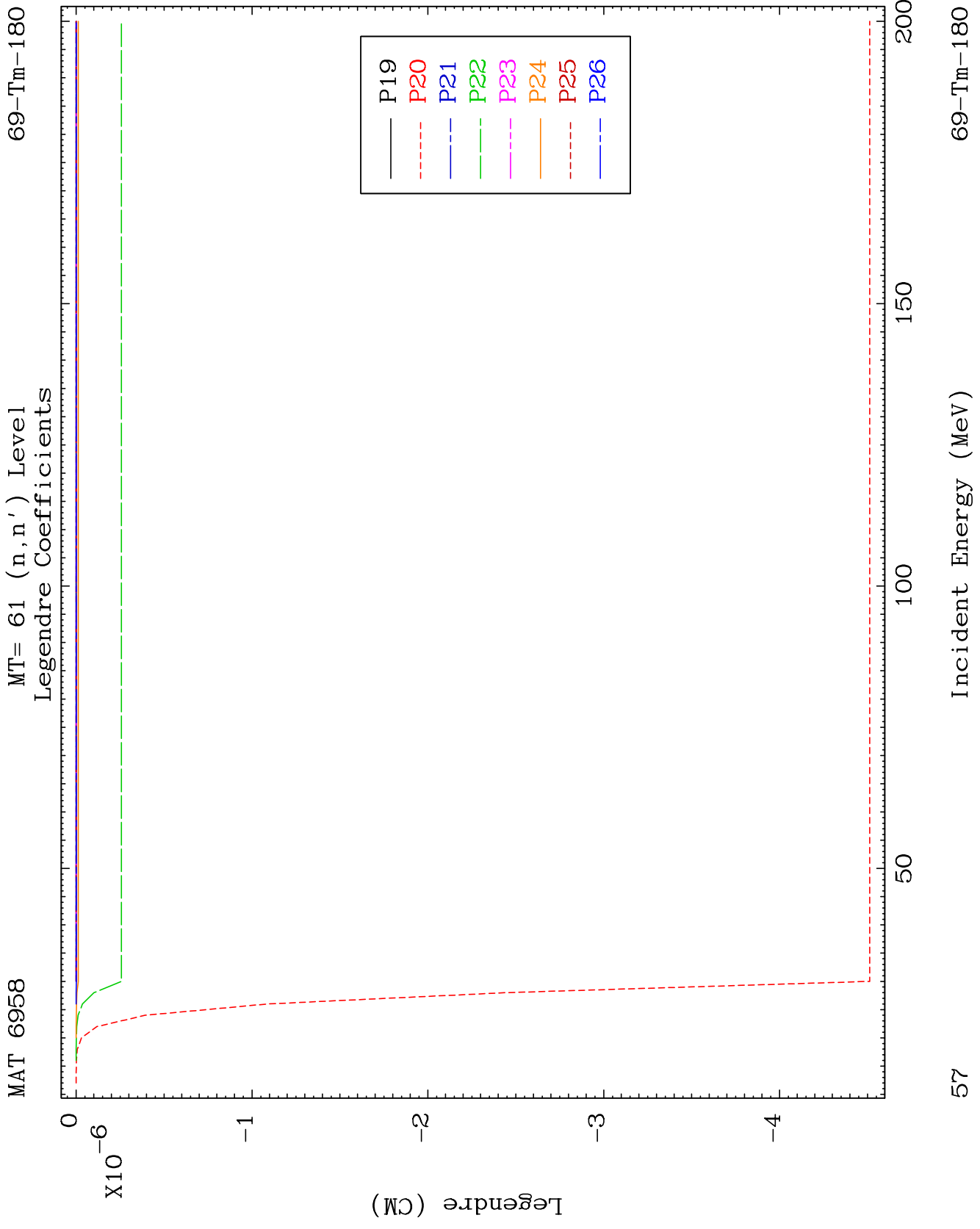
69-Tm-180







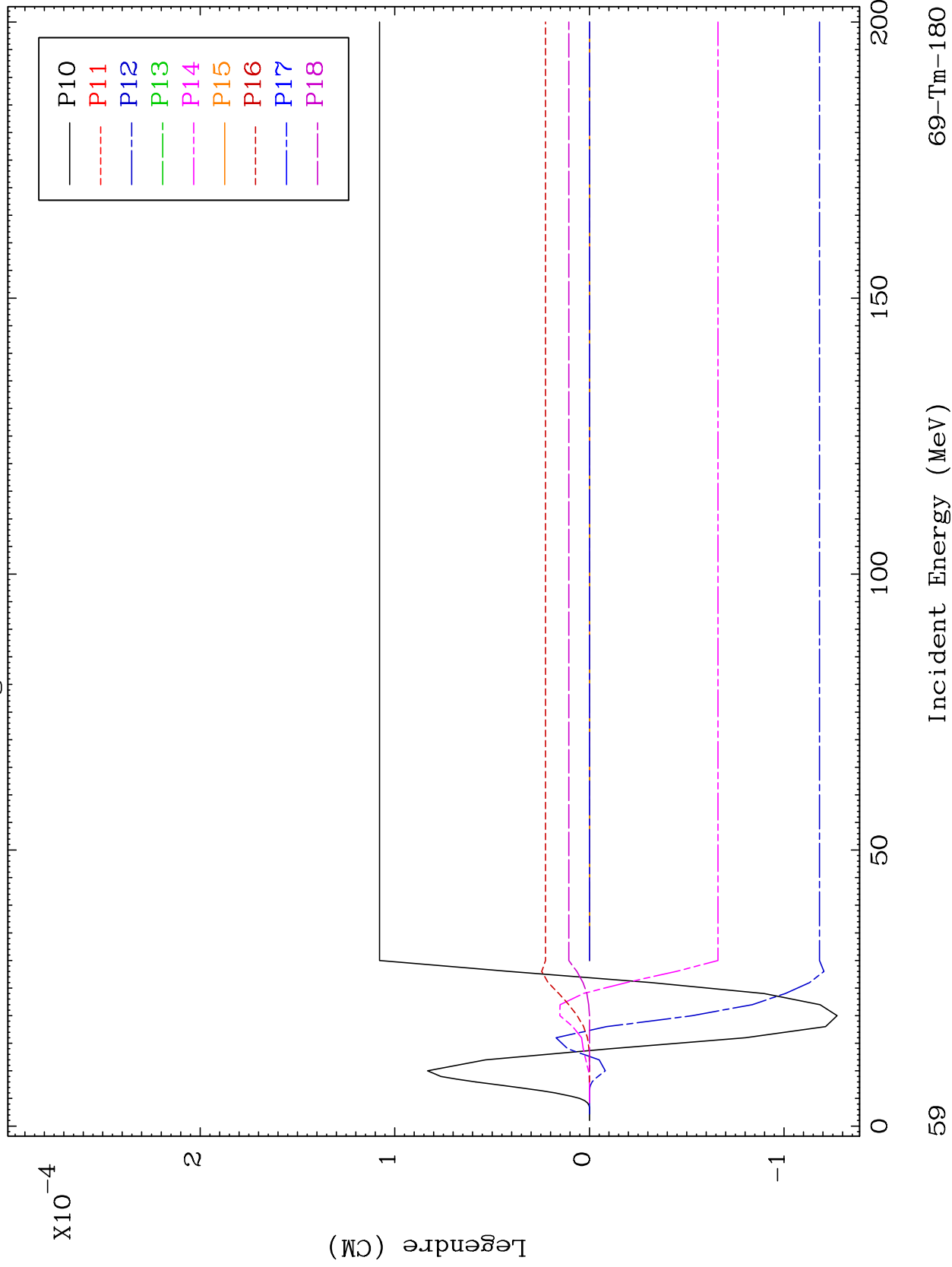




MAT 6958

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

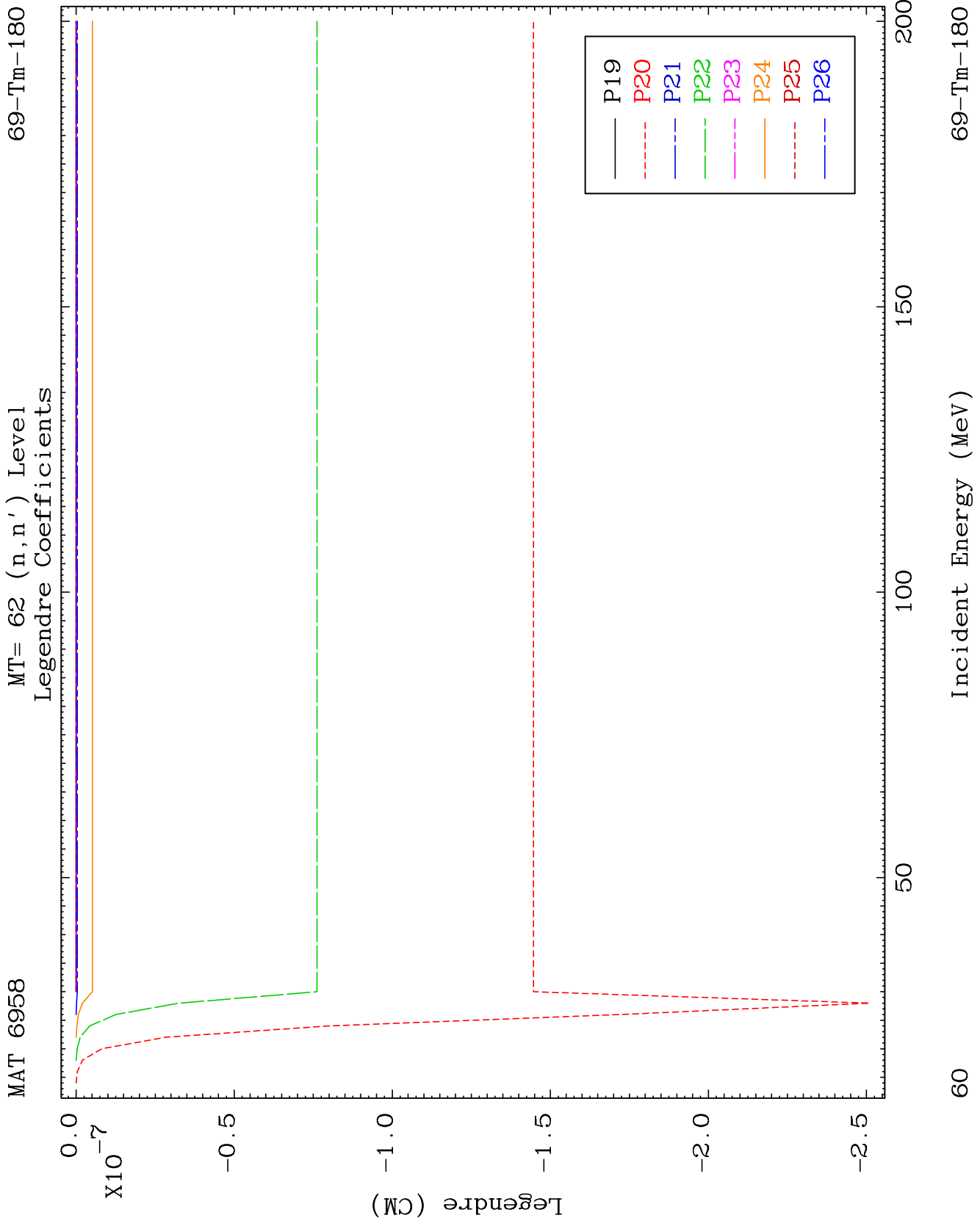
69-Tm-180



59

Incident Energy (MeV)

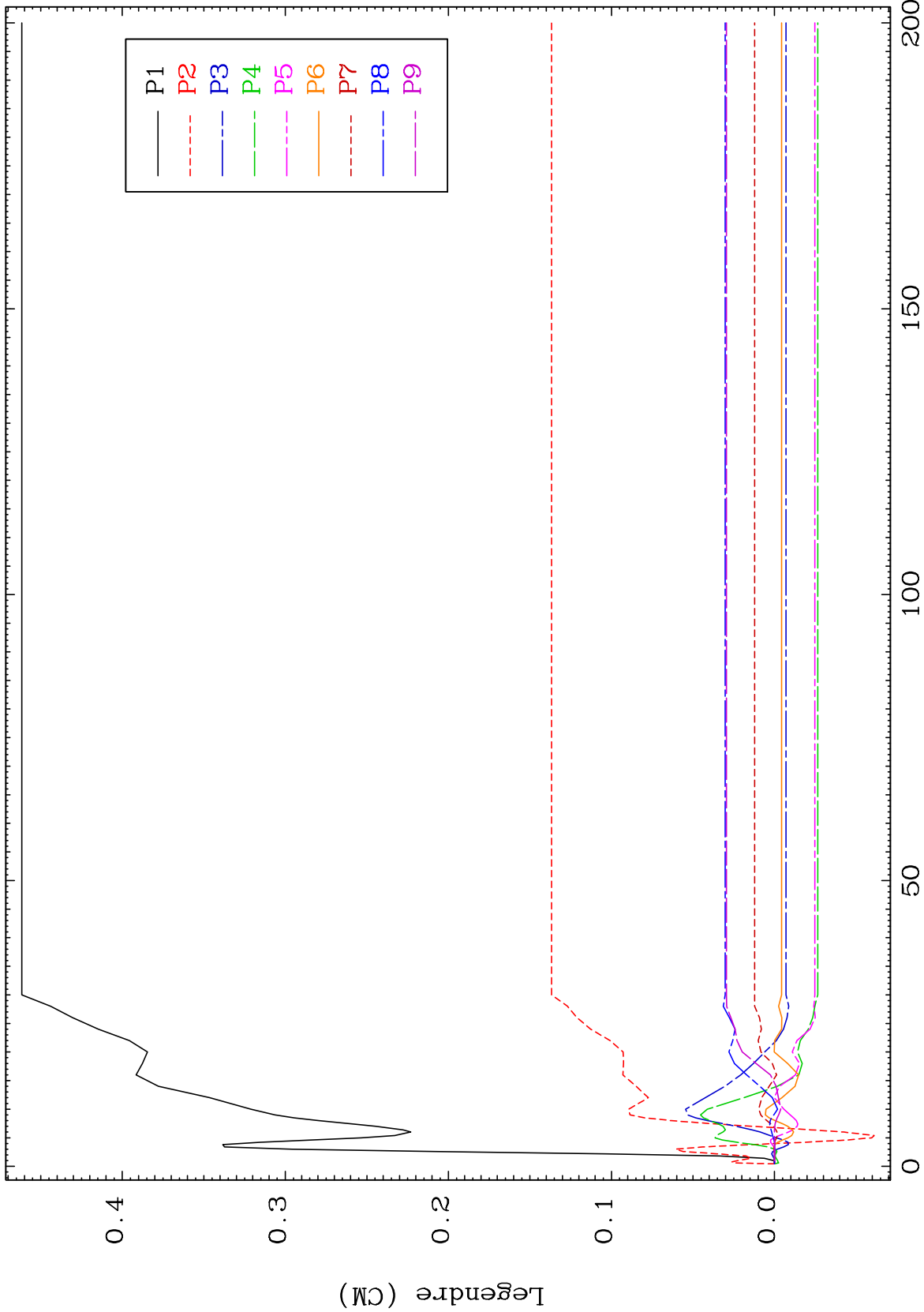
69-Tm-180



MAT 6958

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

69-Tm-180



61

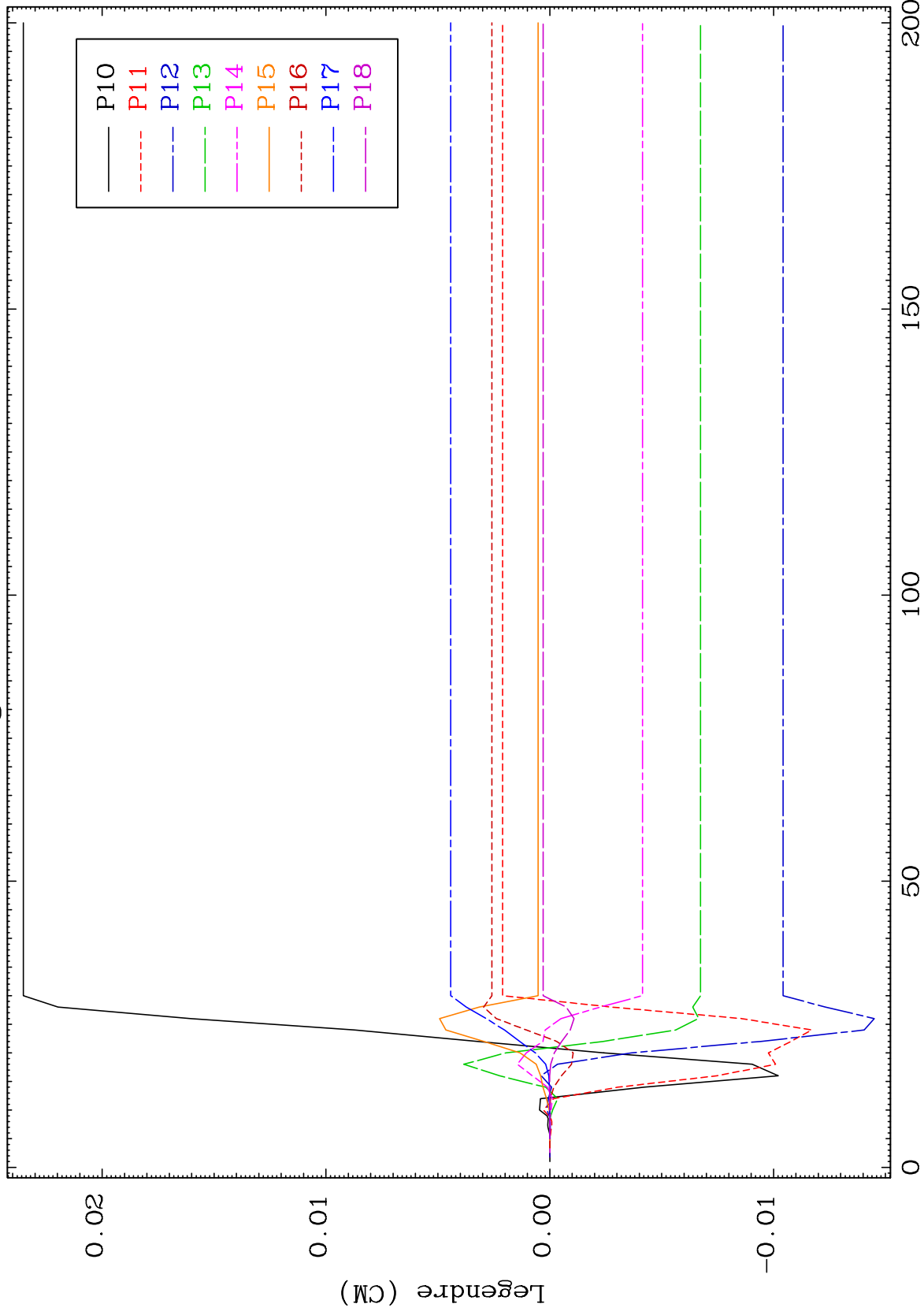
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



69-Tm-180

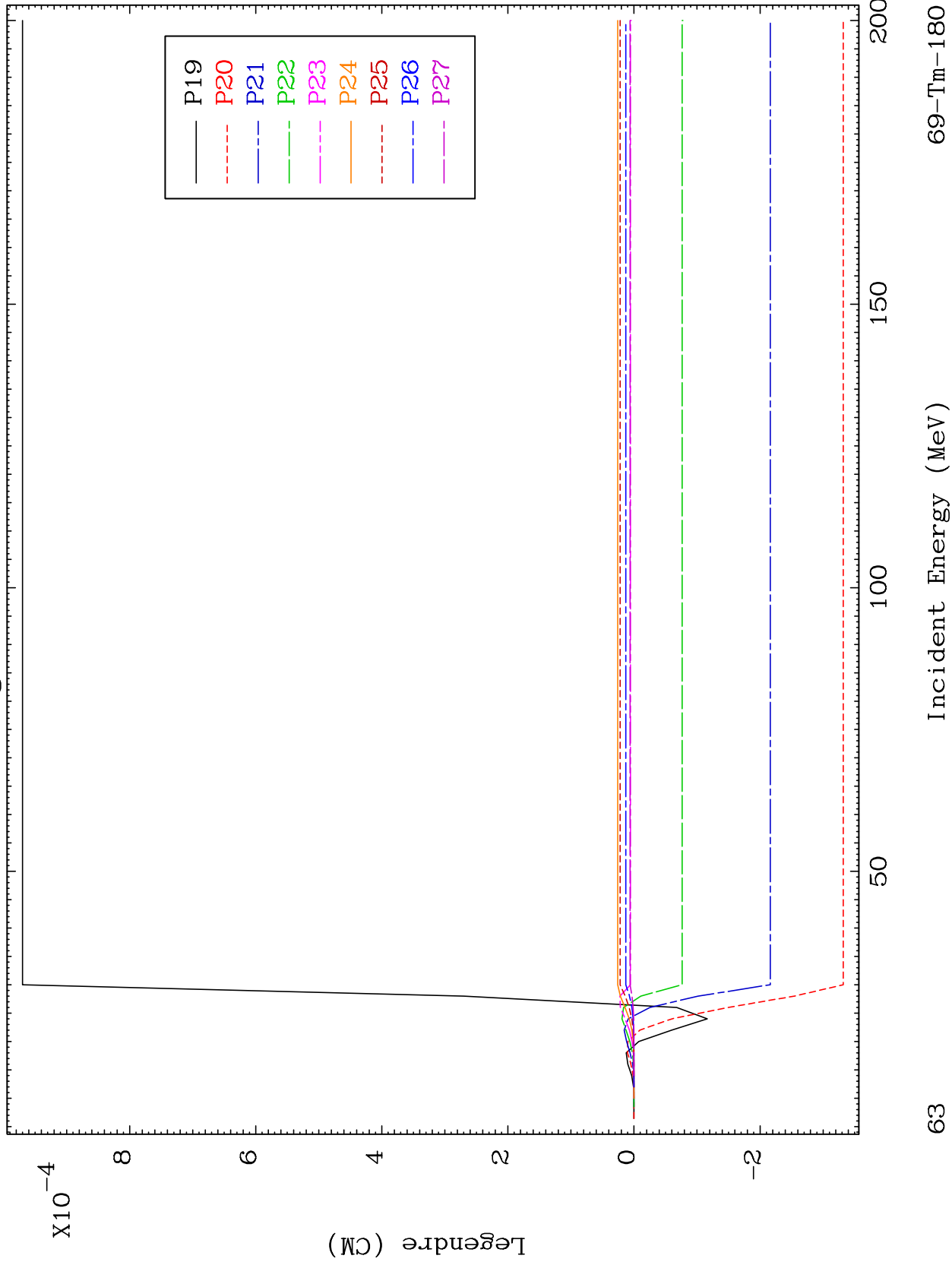
Incident Energy (MeV)

62

MAT 6958

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

69-Tm-180



63

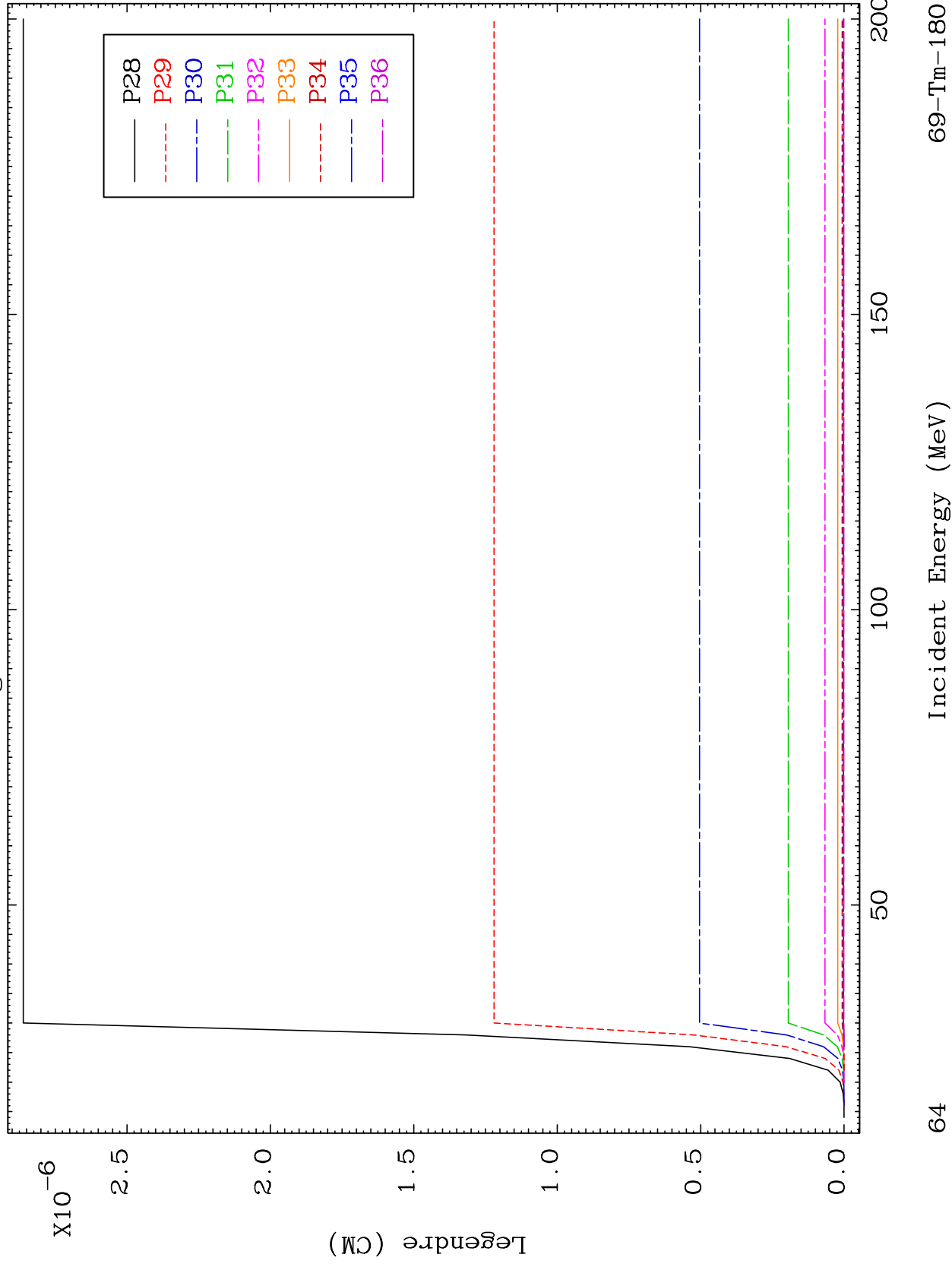
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



64

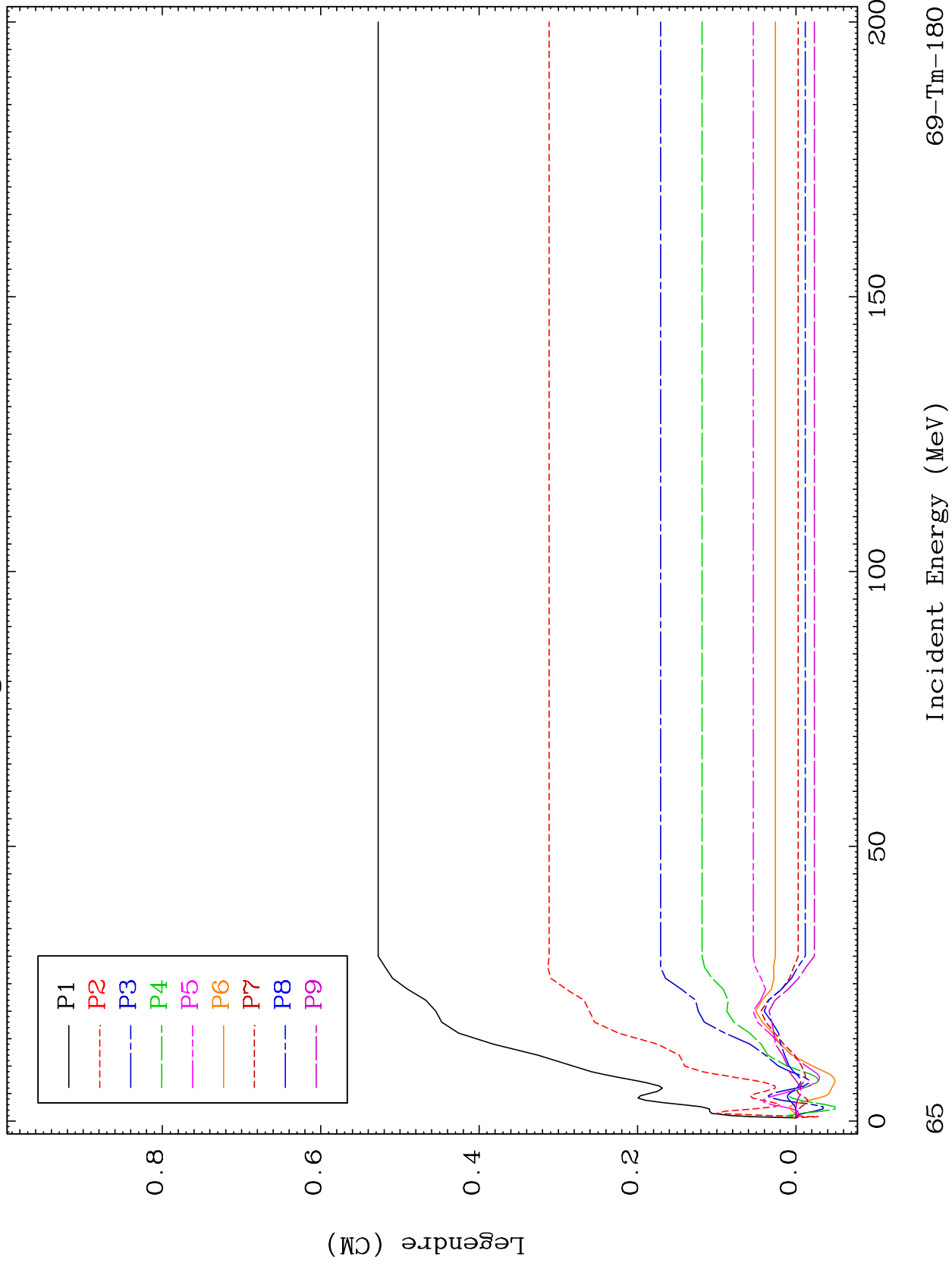
Incident Energy (MeV)

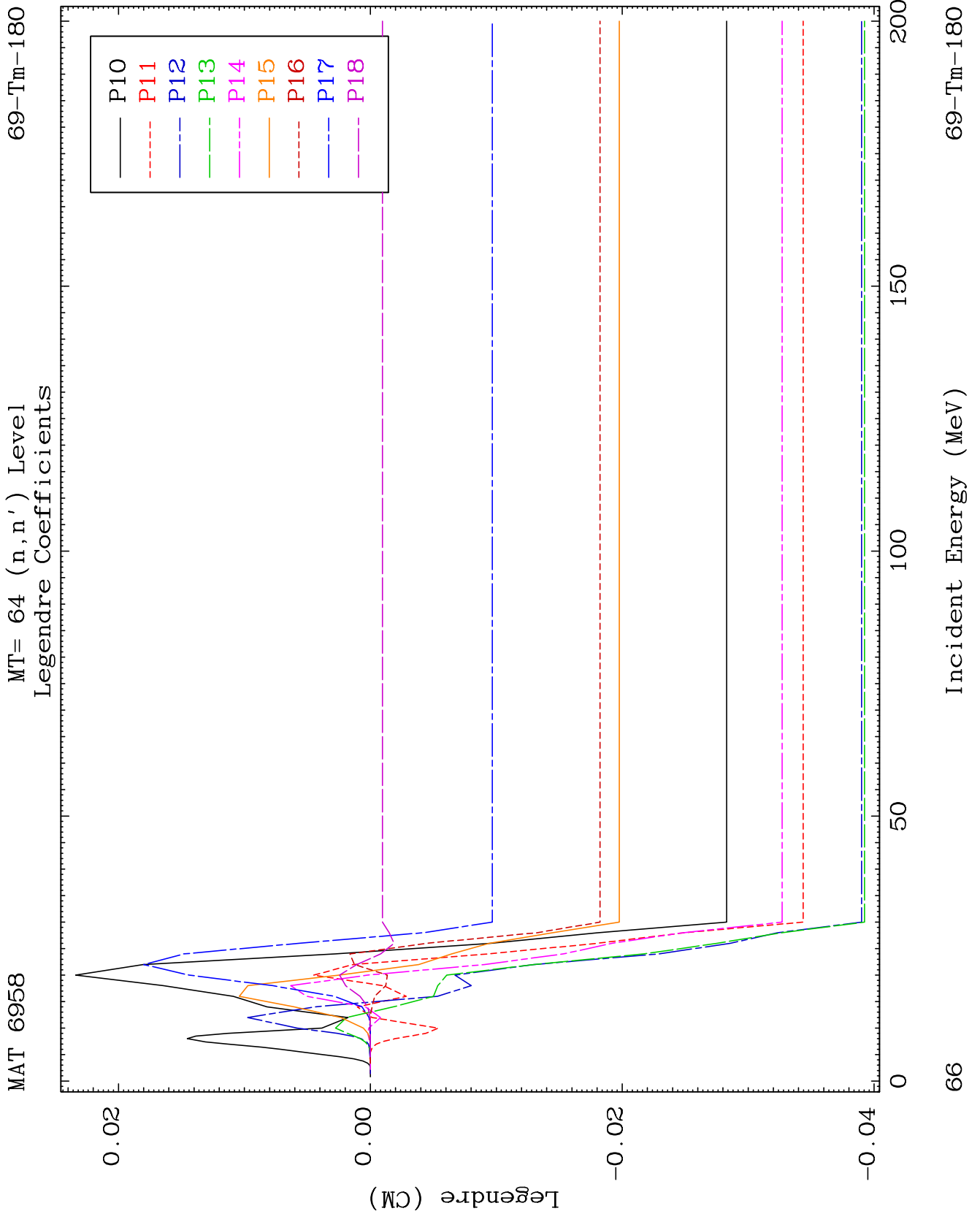
69-Tm-180

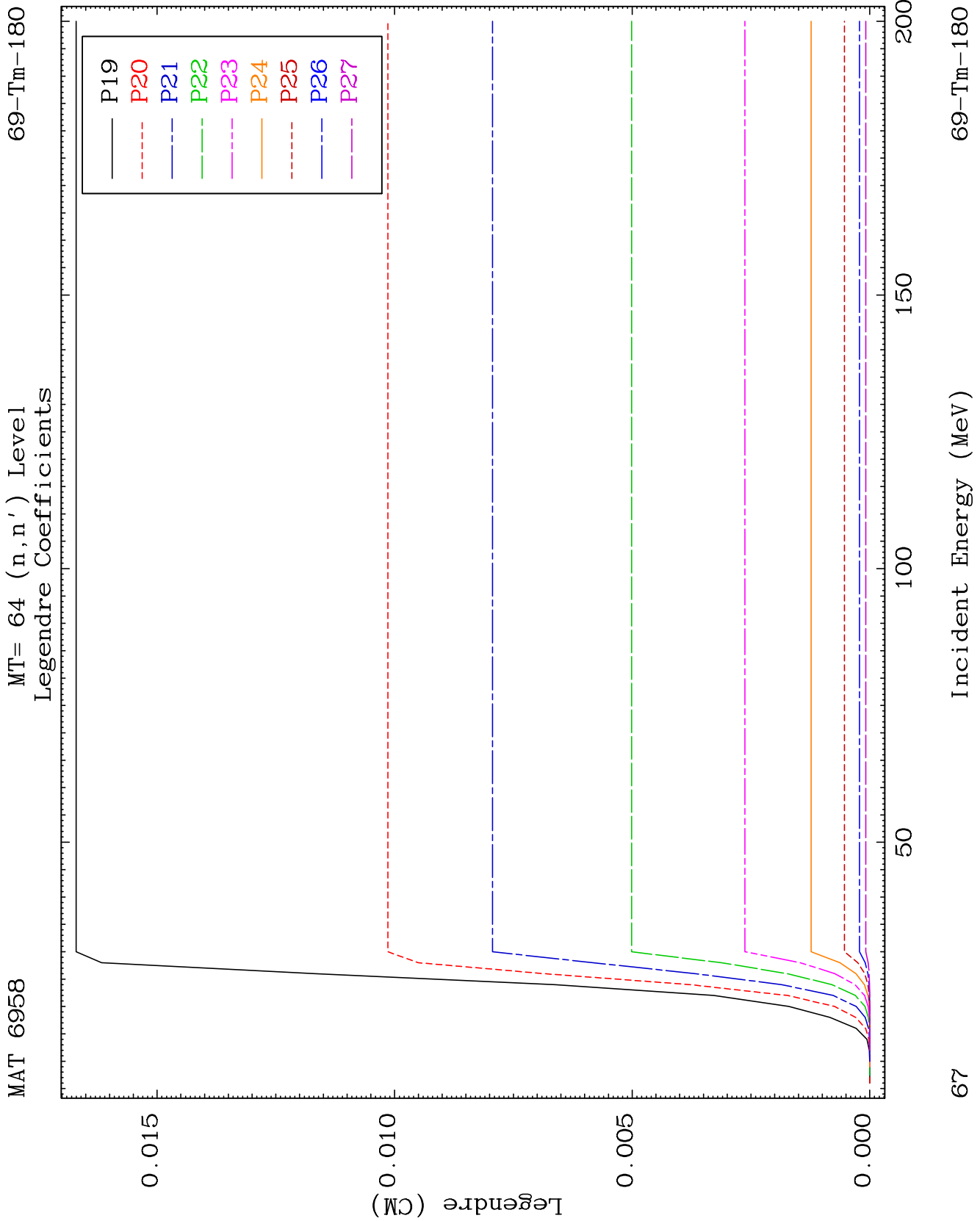
MAT 6958

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

69-Tm-180



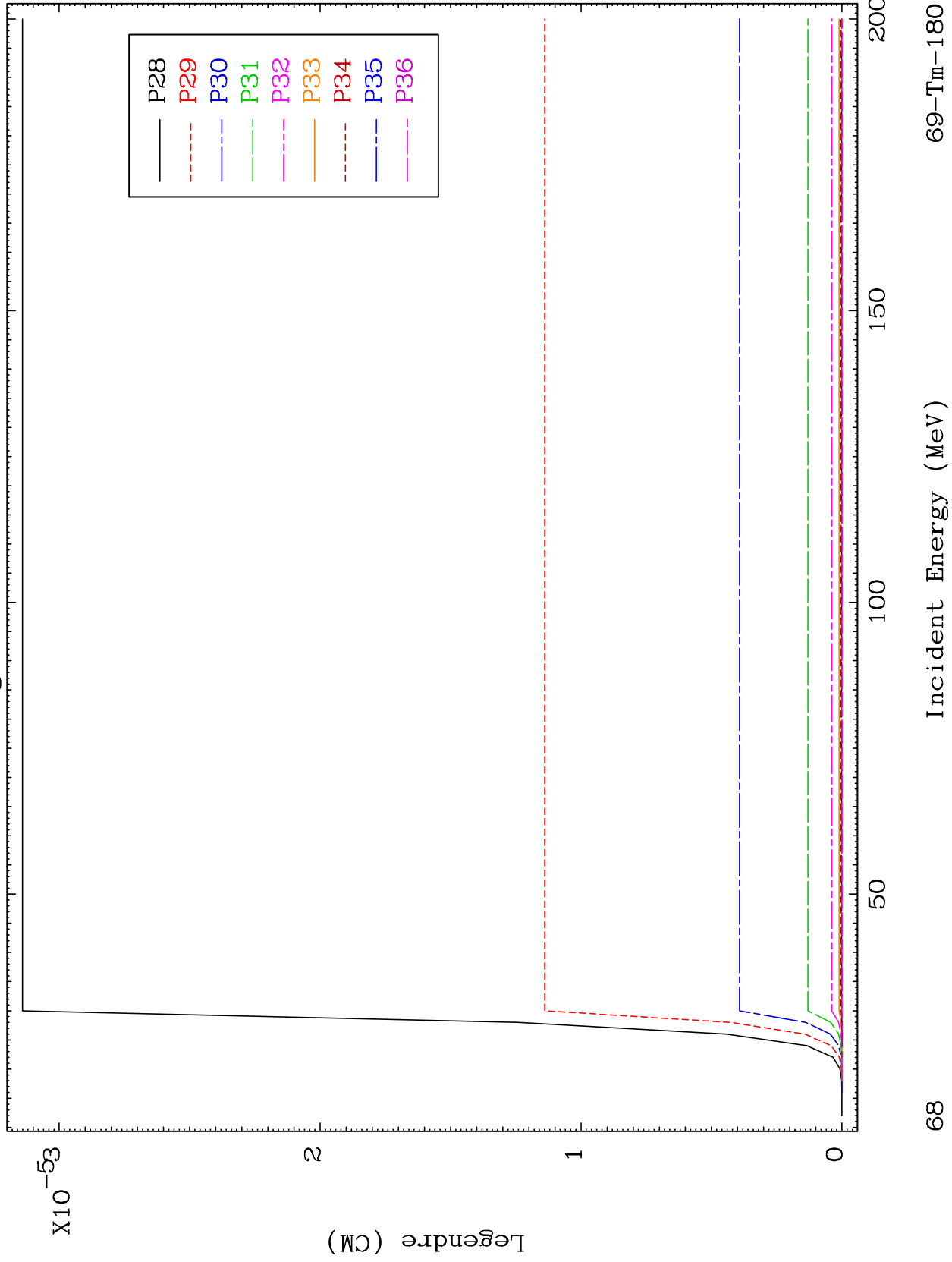


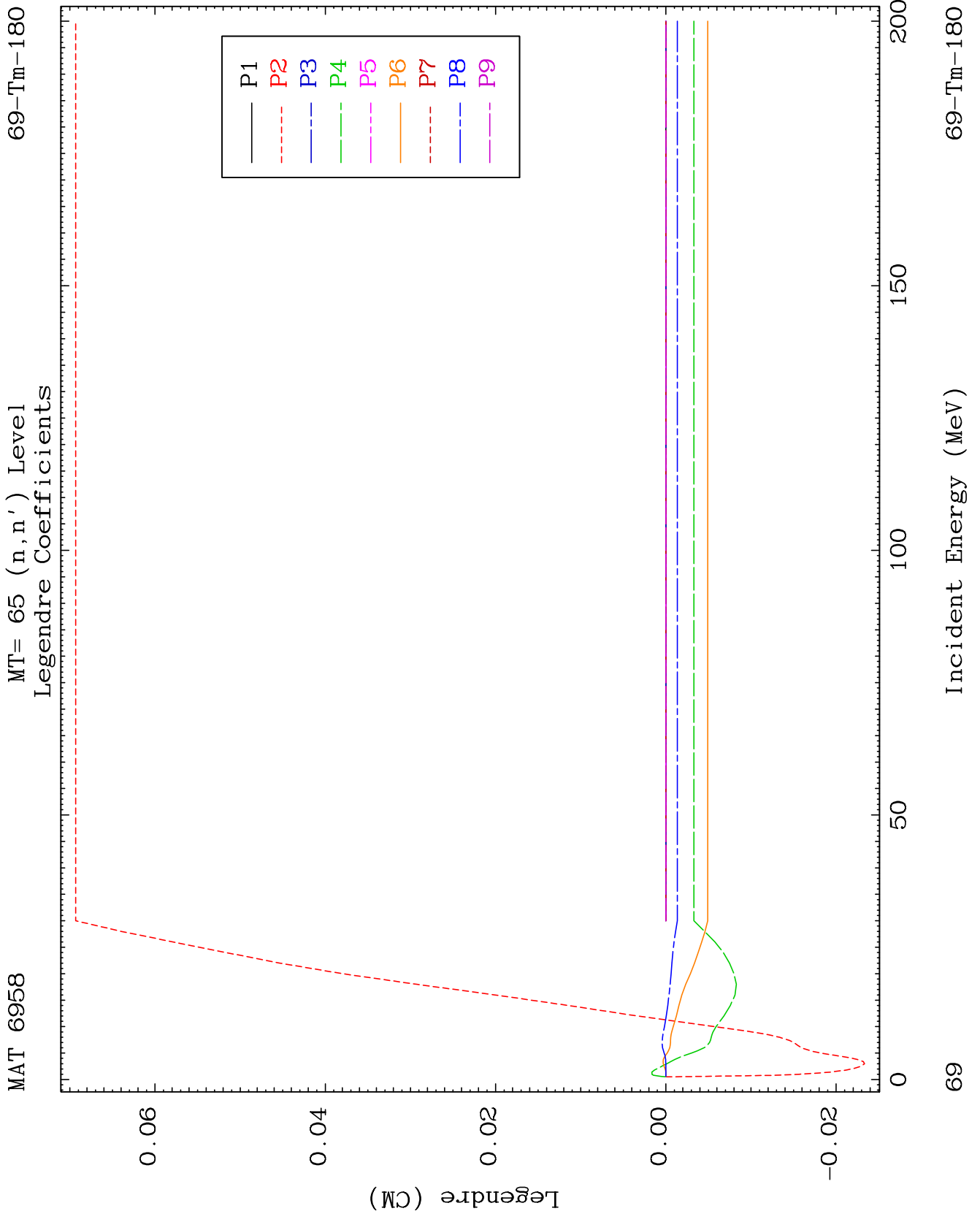


MAT 6958

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

69-Tm-180

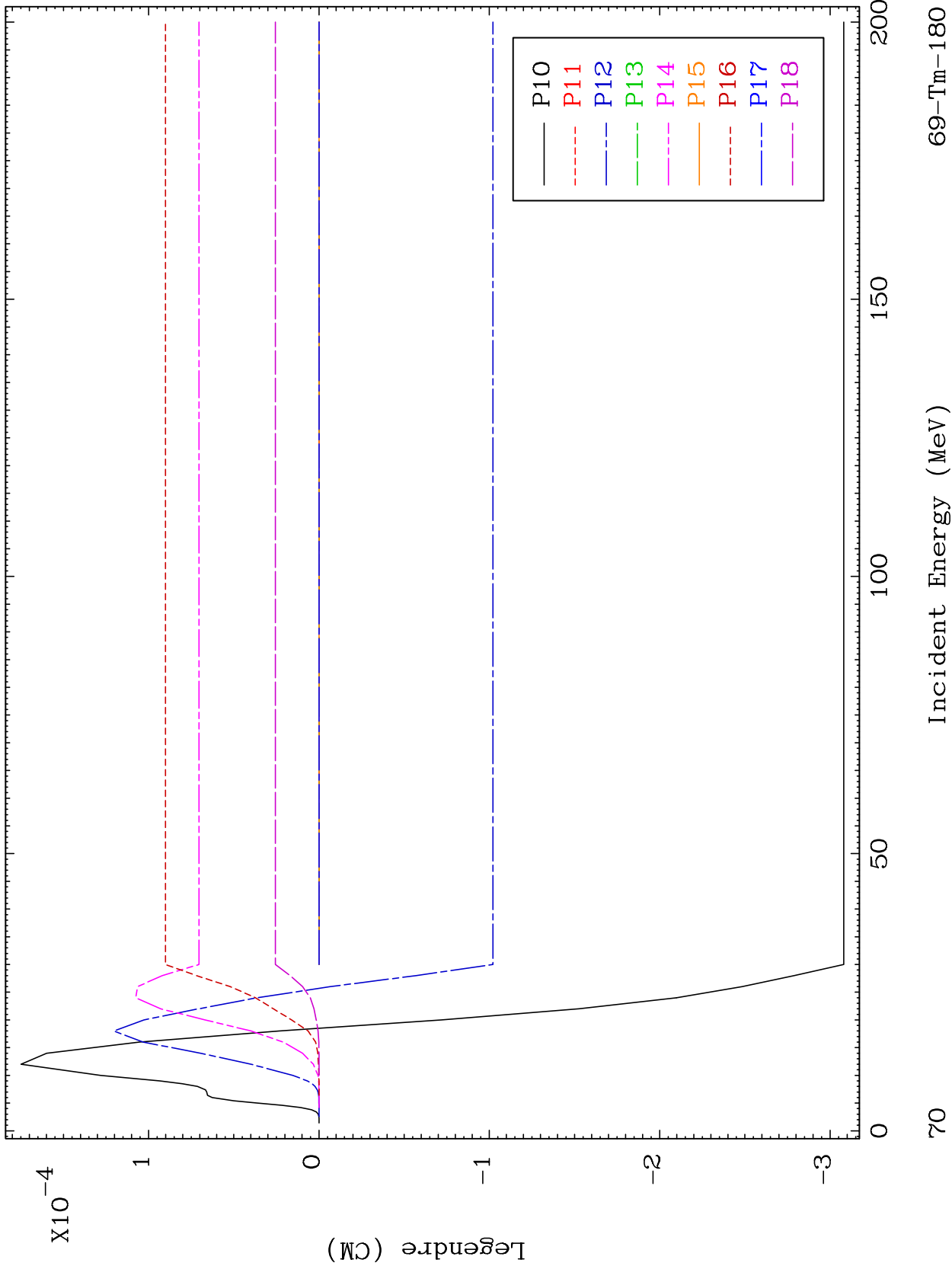




MAT 6958

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

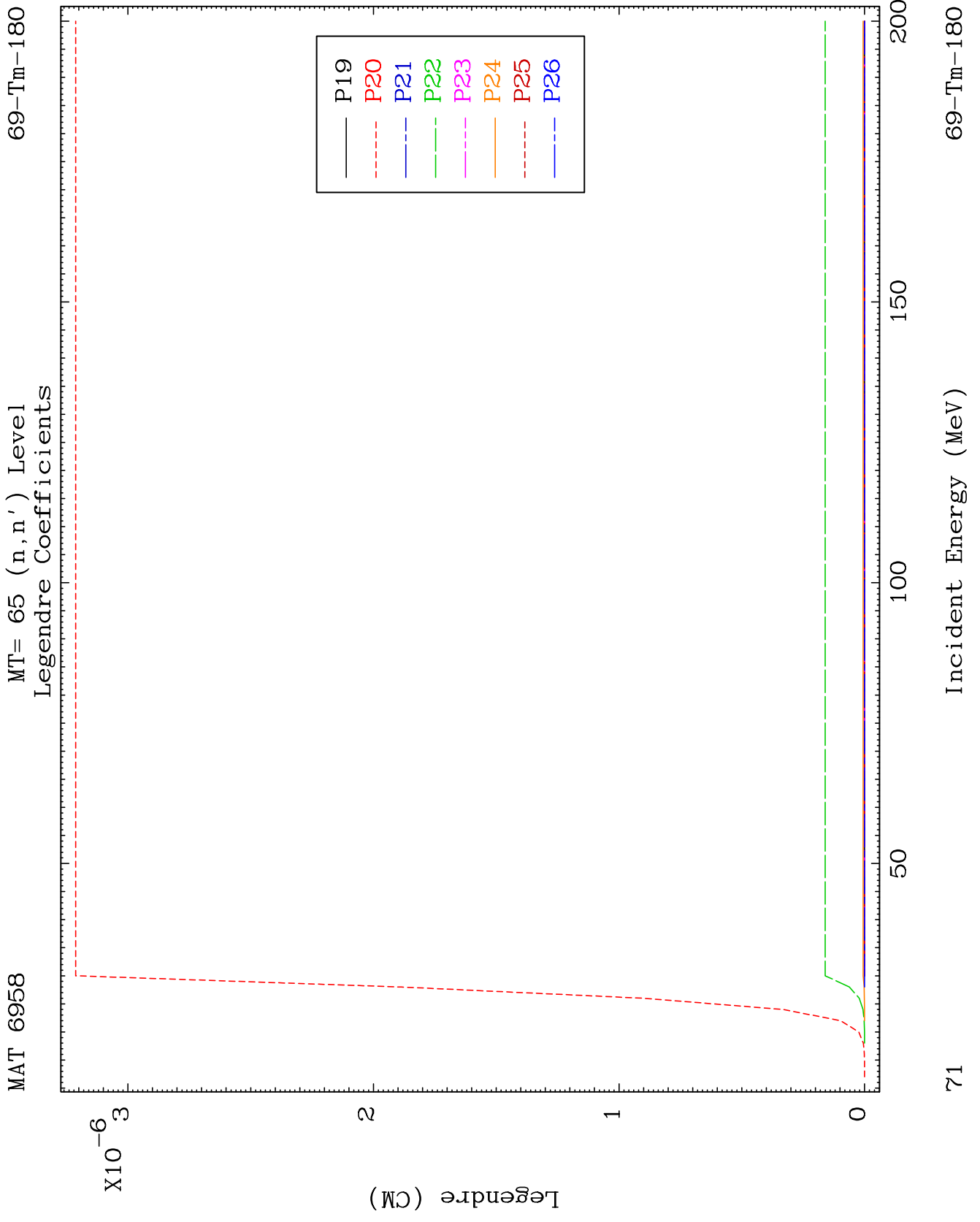
69-Tm-180



69-Tm-180

Incident Energy (MeV)

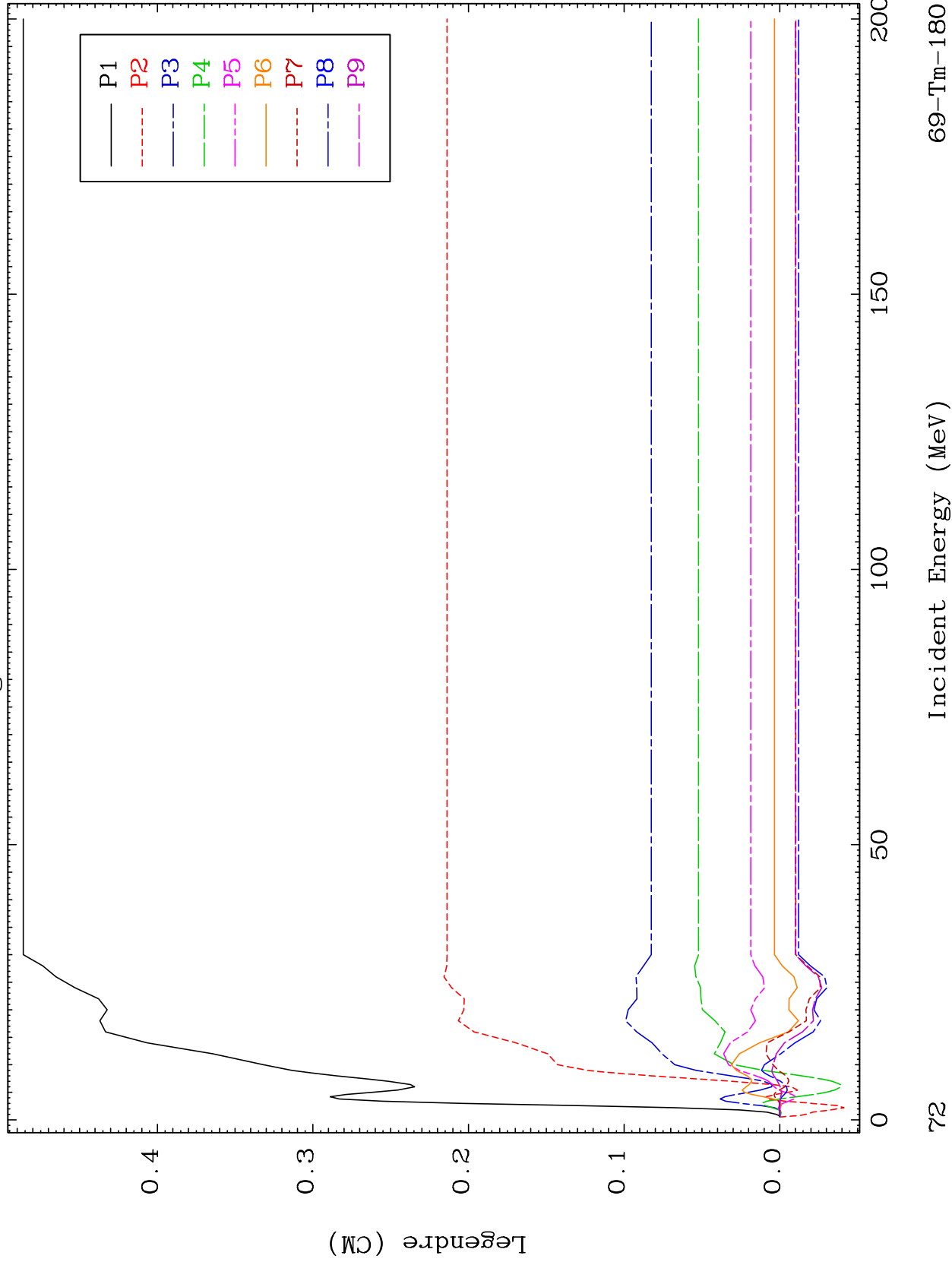
70



MAT 6958

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

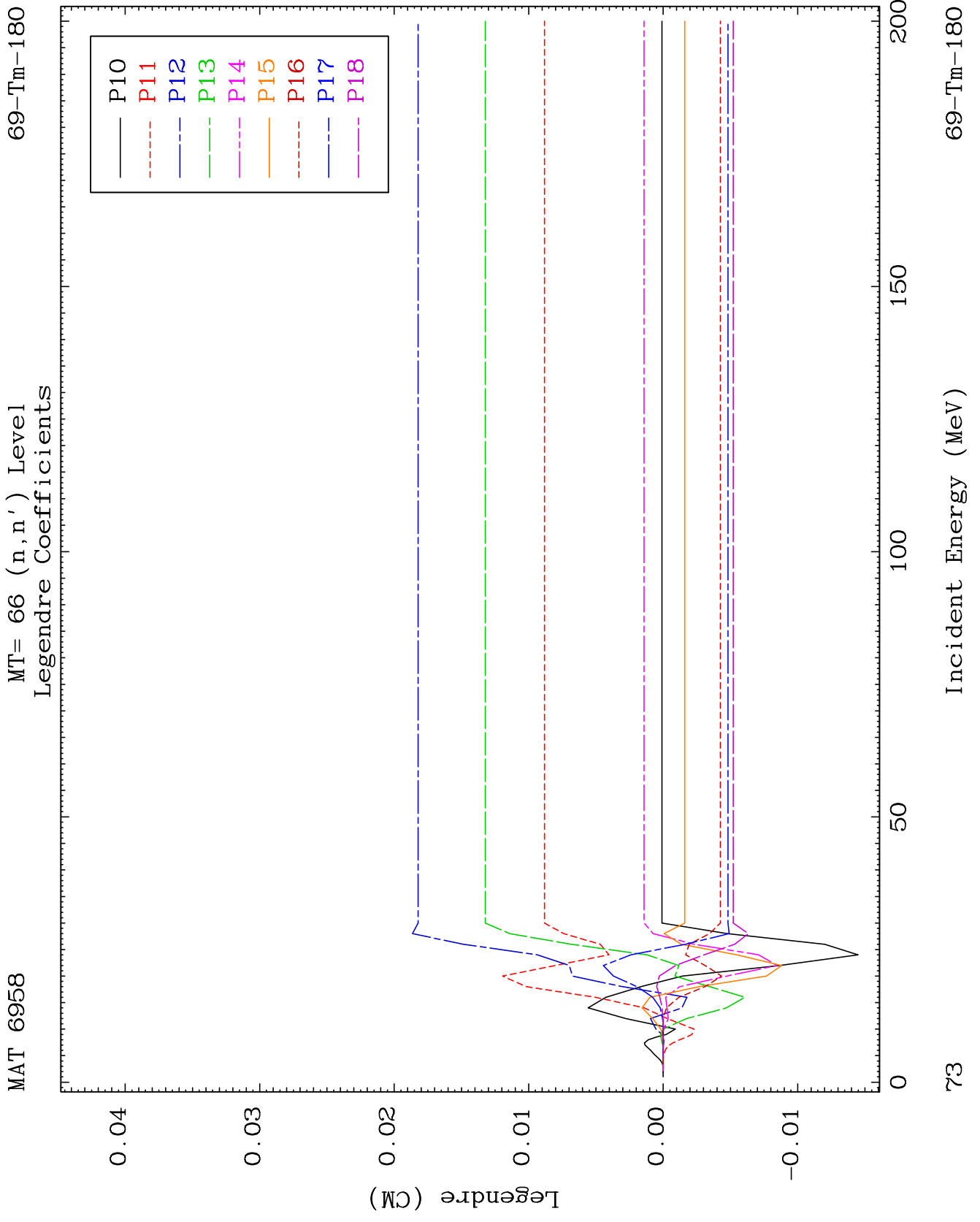
69-Tm-180



69-Tm-180

Incident Energy (MeV)

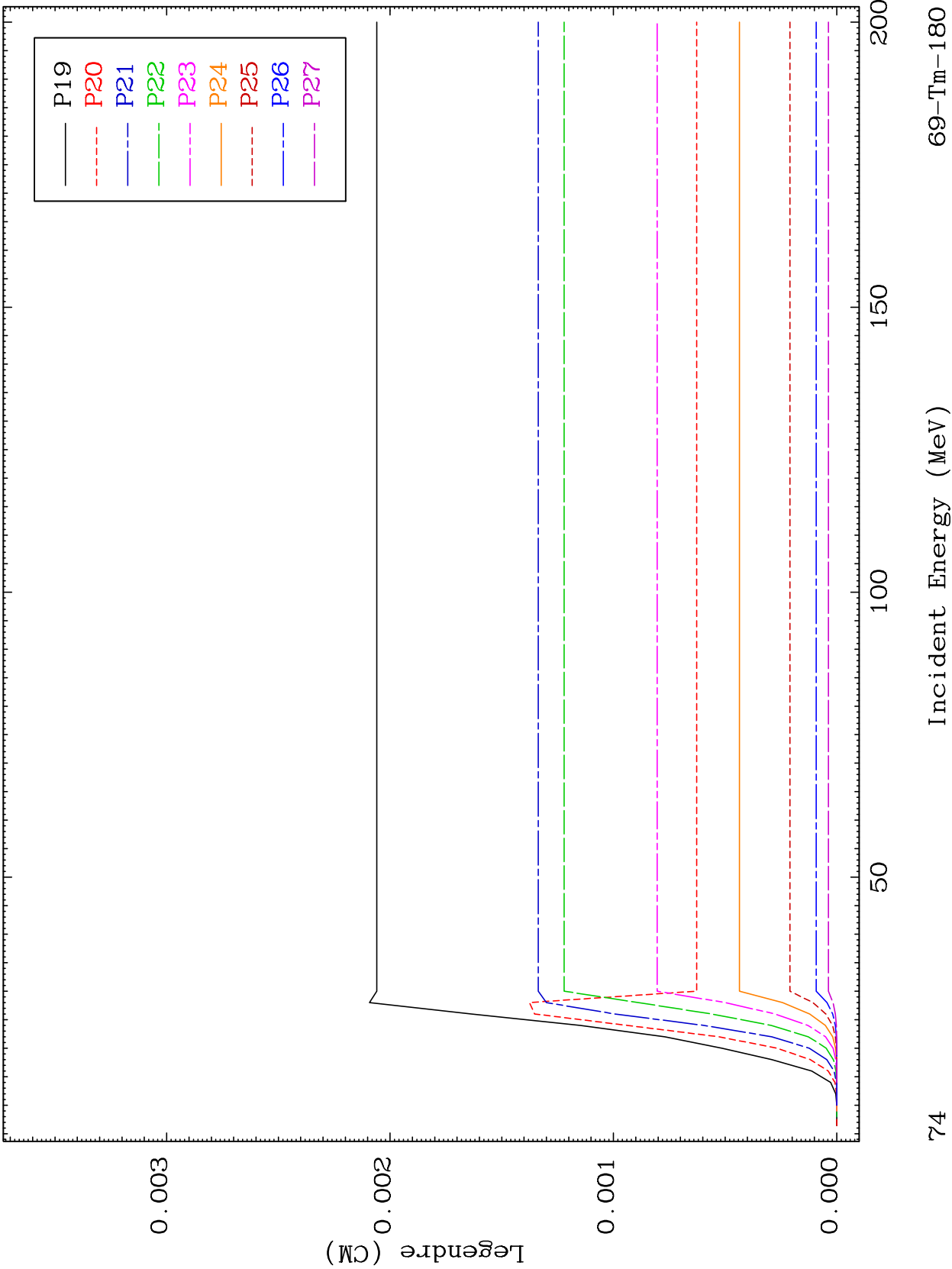
72



MAT 6958

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

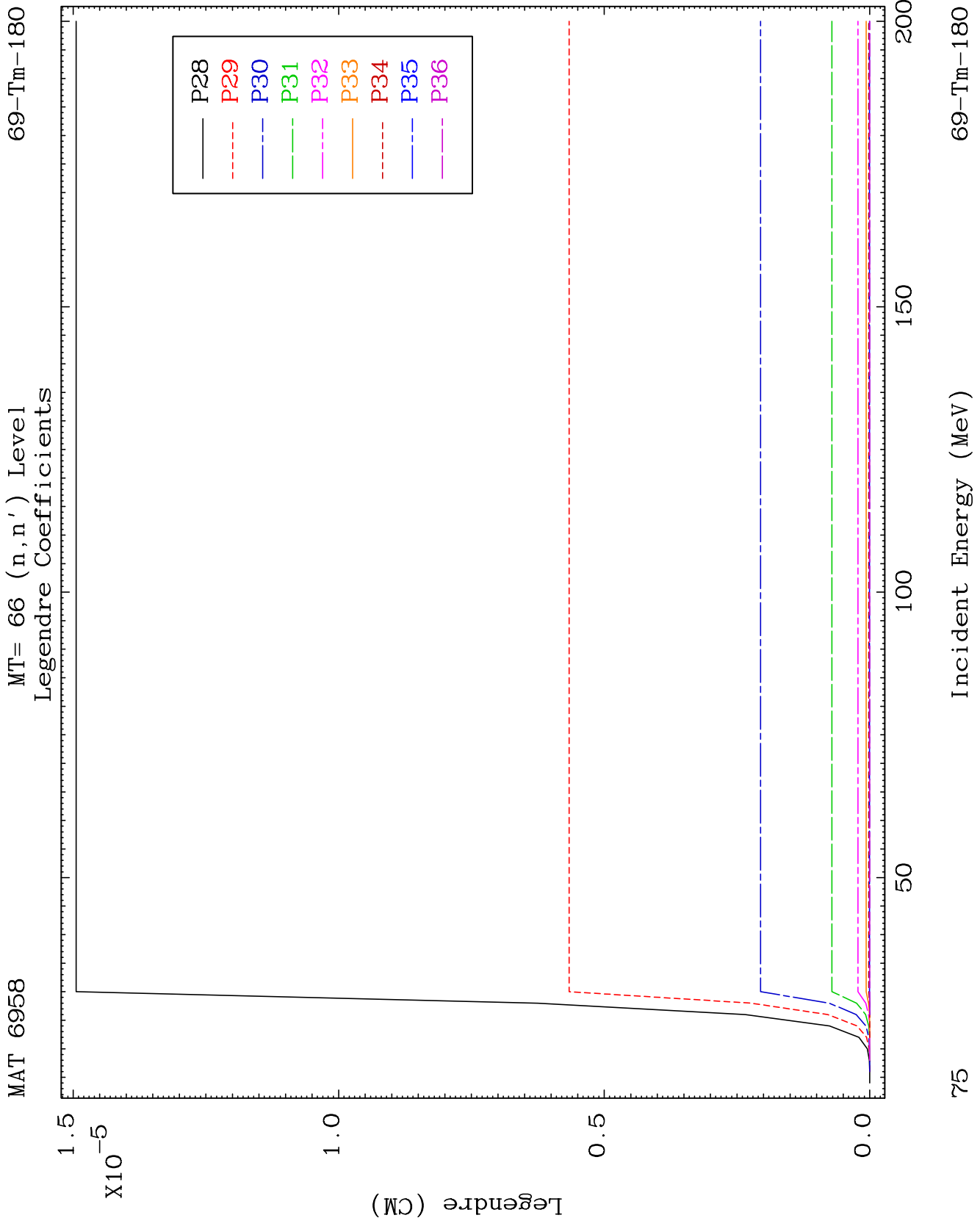
69-Tm-180



74

Incident Energy (MeV)

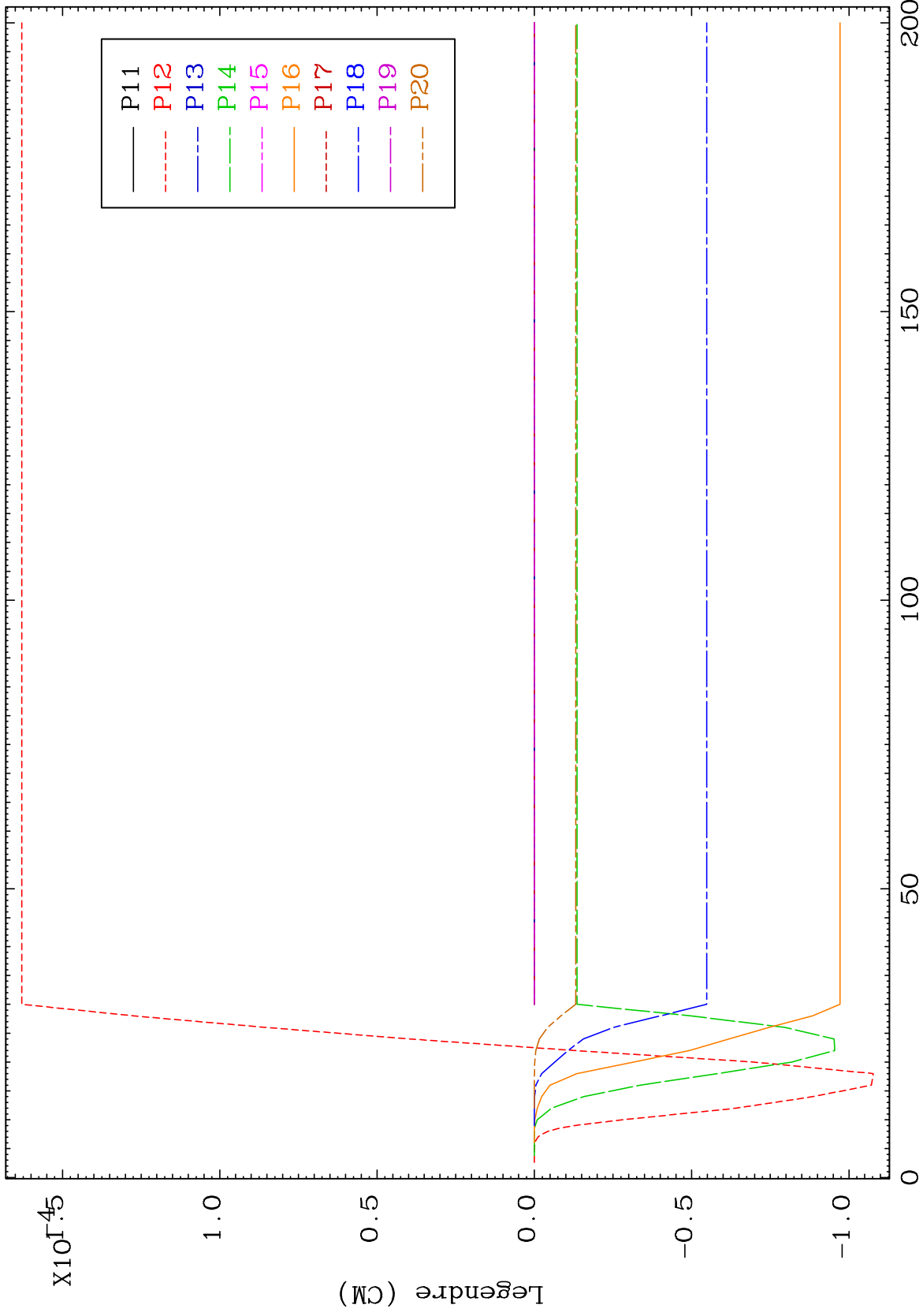
69-Tm-180



MAT 6958

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

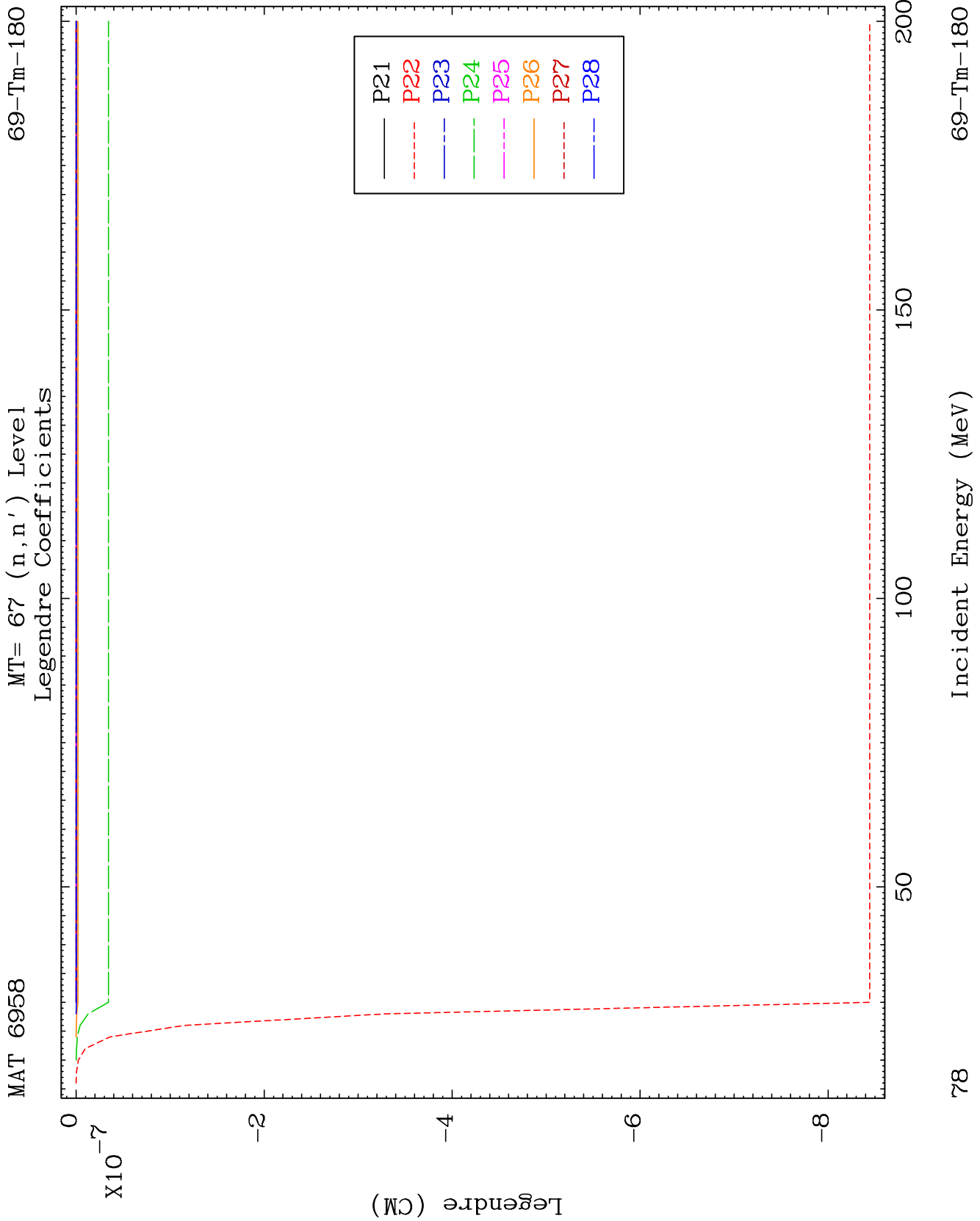
69-Tm-180



77

Incident Energy (MeV)

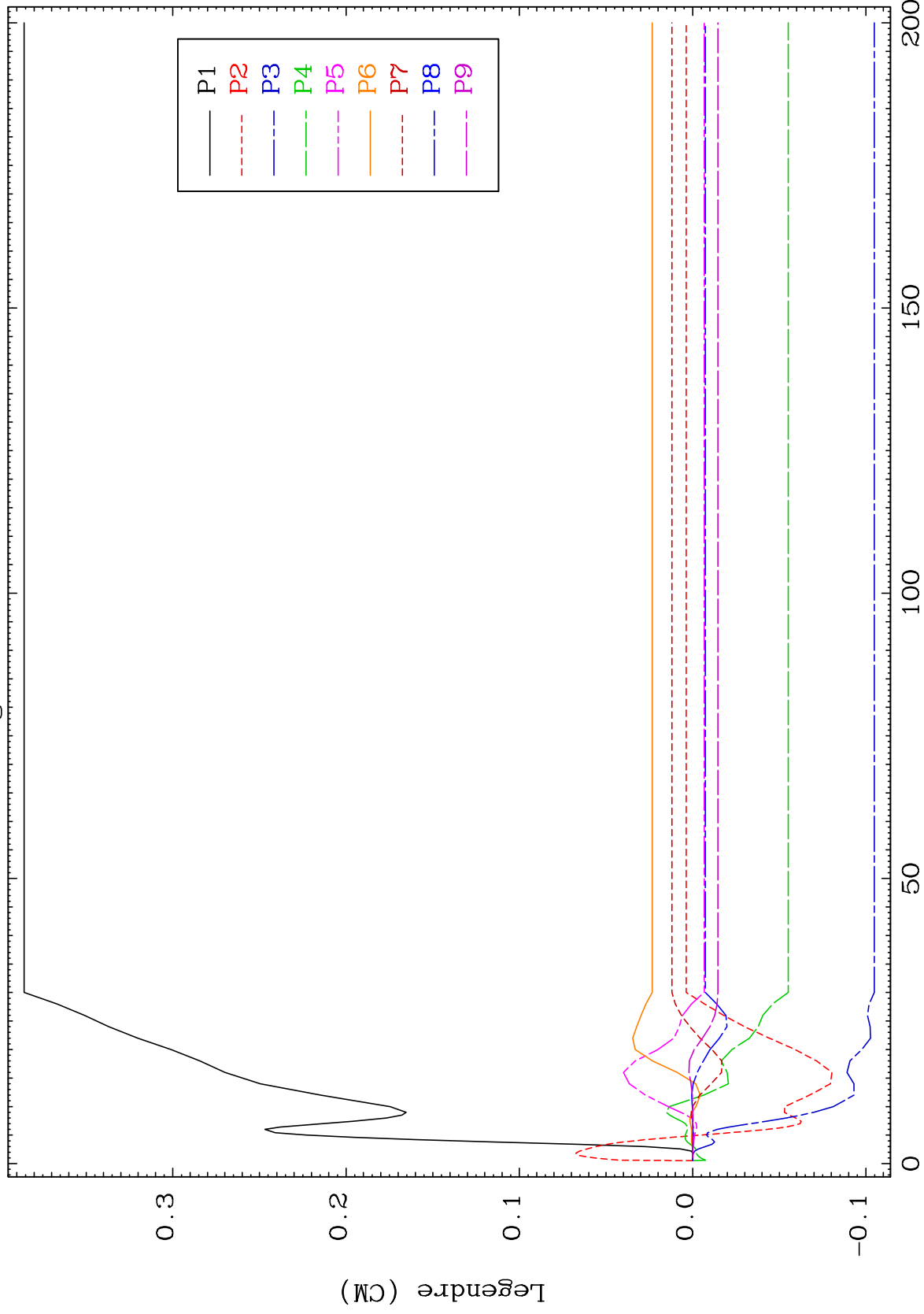
69-Tm-180



MAT 6958

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

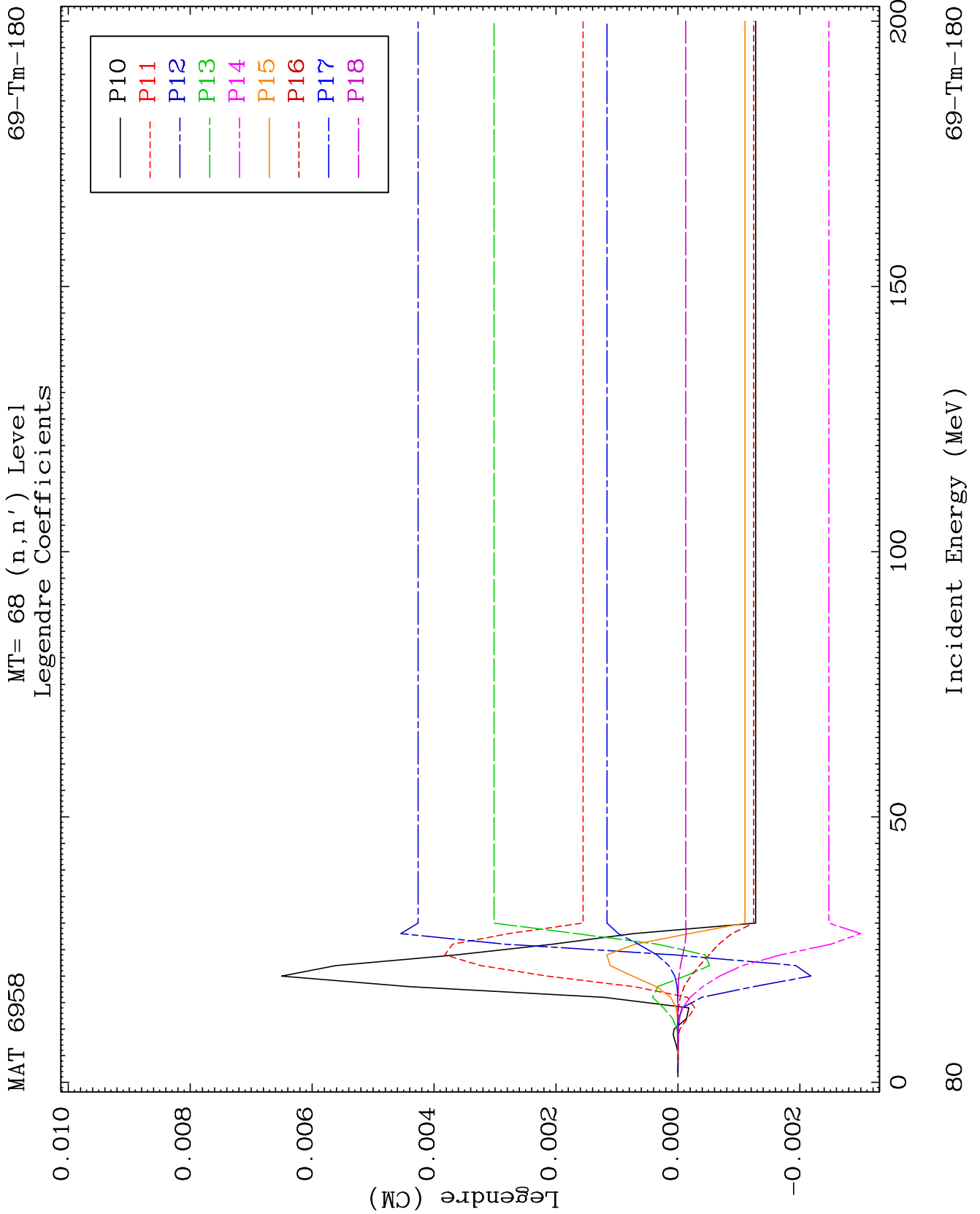
69-Tm-180



79

Incident Energy (MeV)

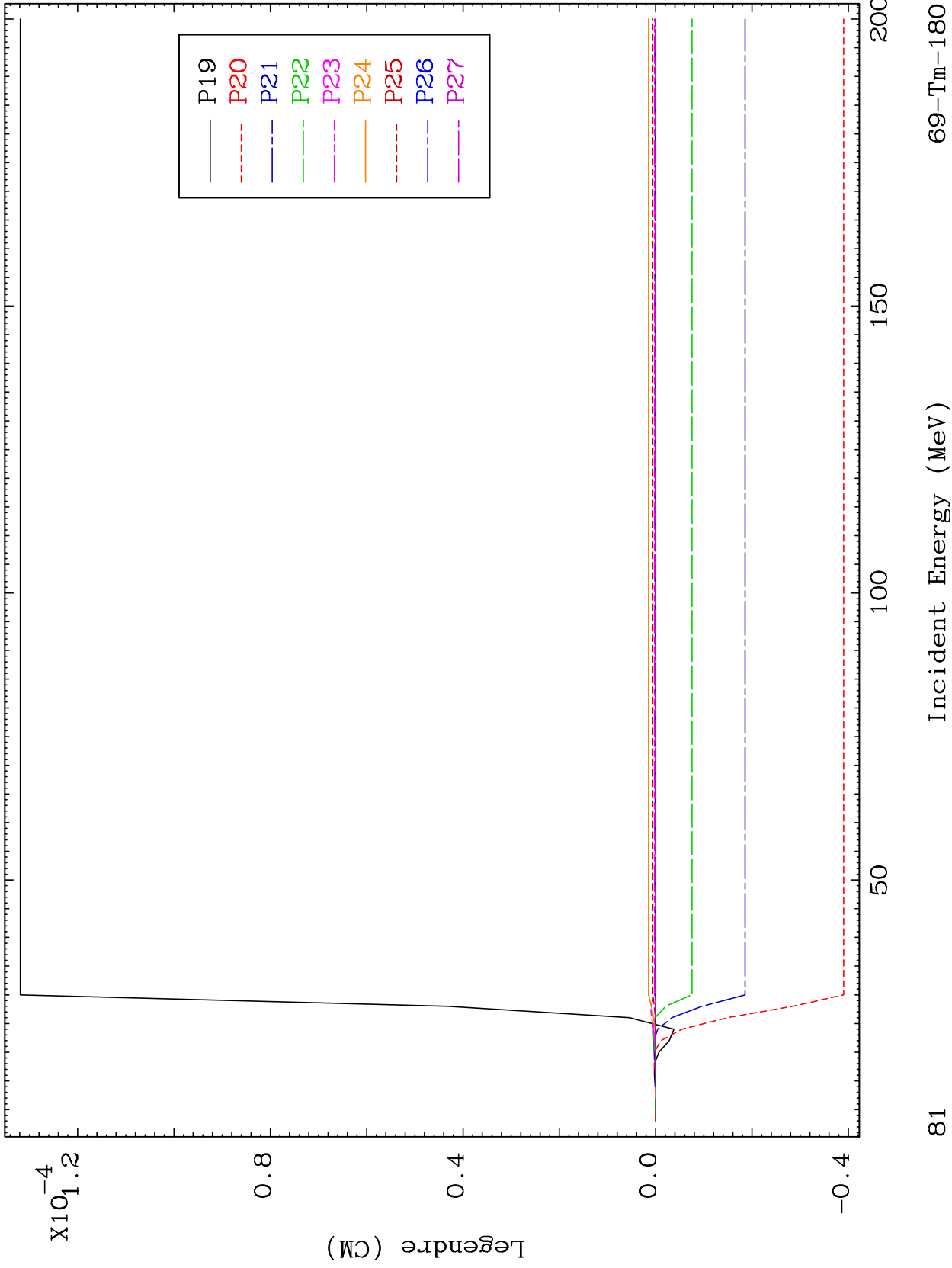
69-Tm-180



MAT 6958

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

69-Tm-180



81

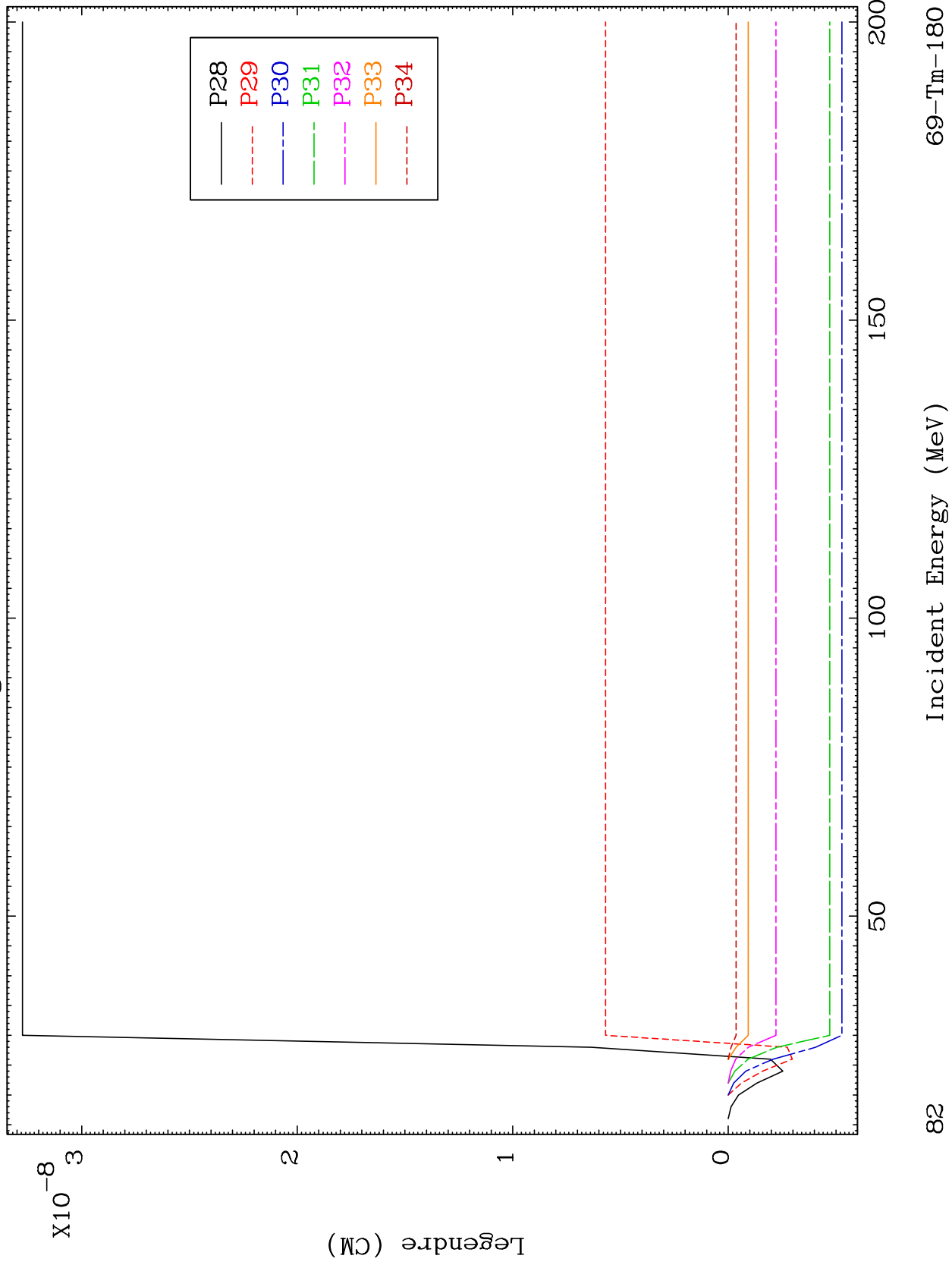
Incident Energy (MeV)

69-Tm-180

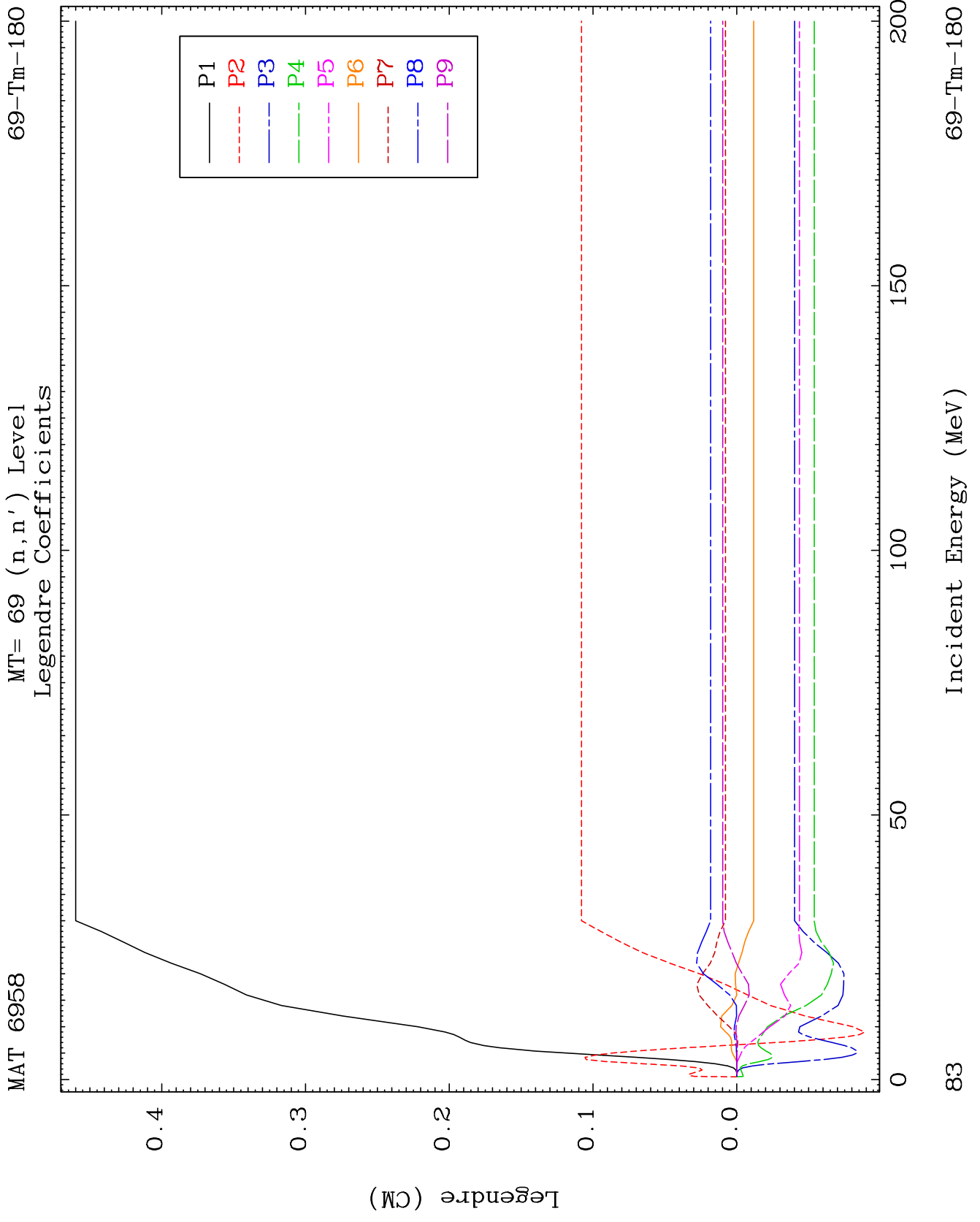
MAT 6958

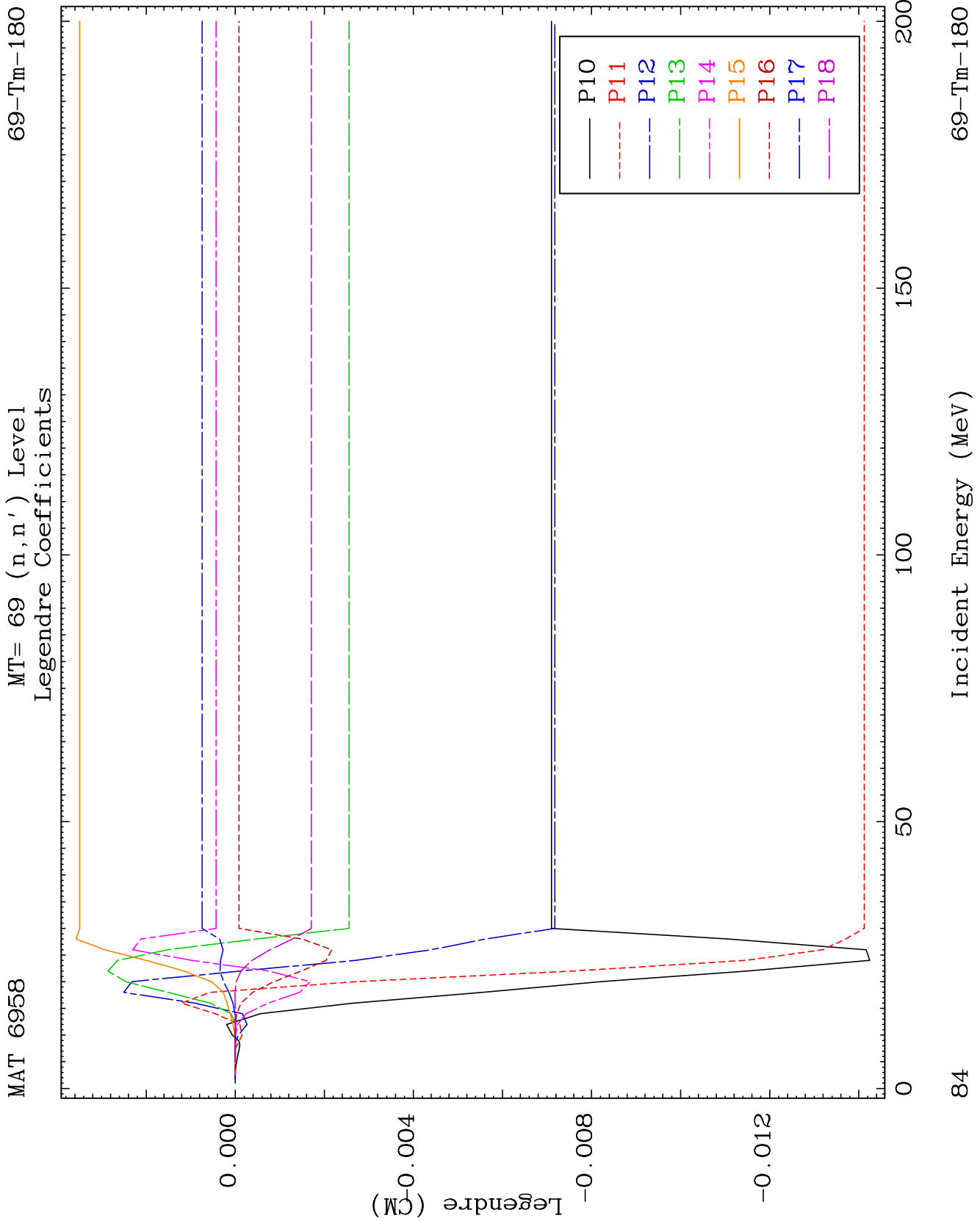
MT= 68 (n,n') Level
Legendre Coefficients

69-Tm-180



82

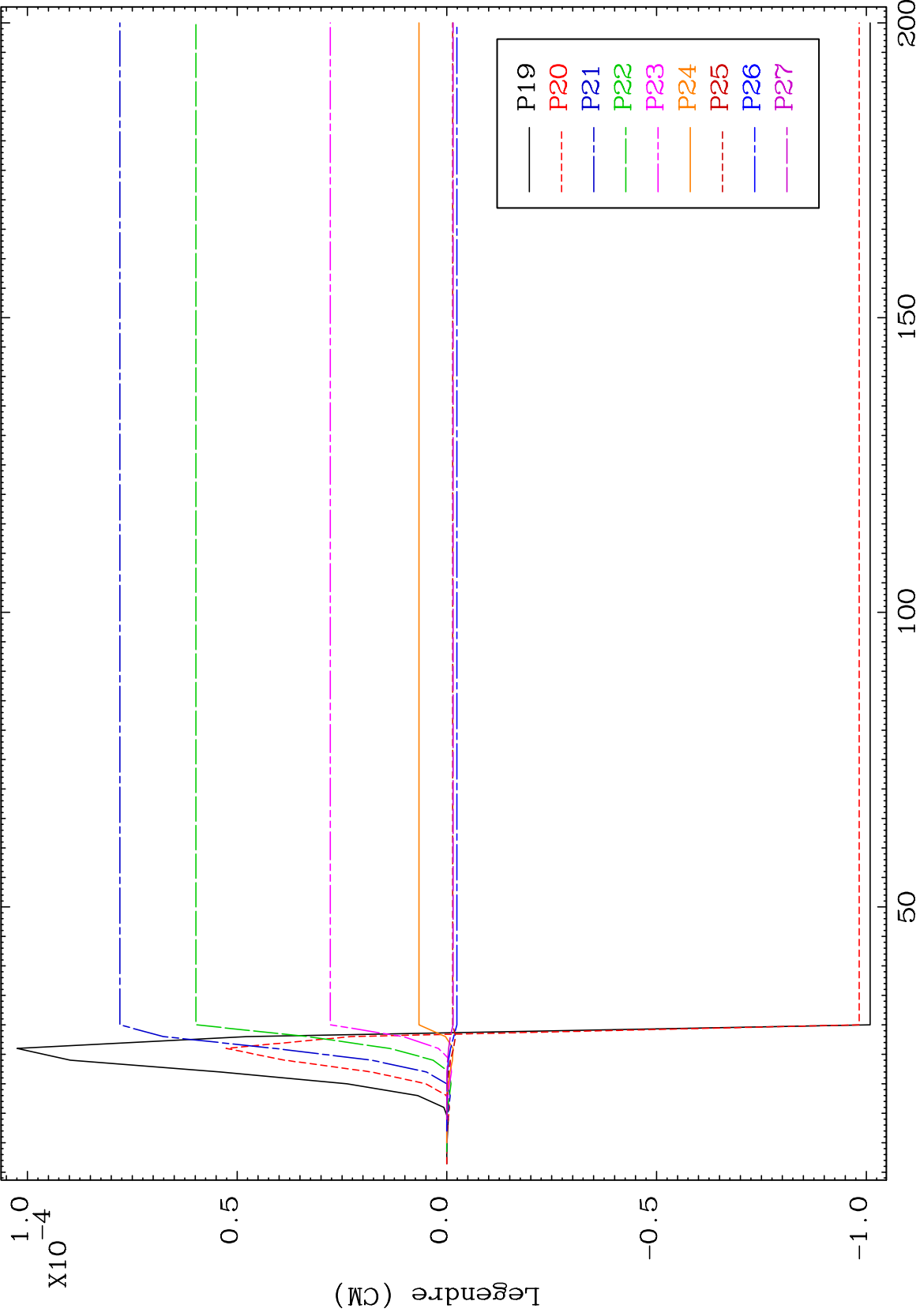




MAT 6958

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

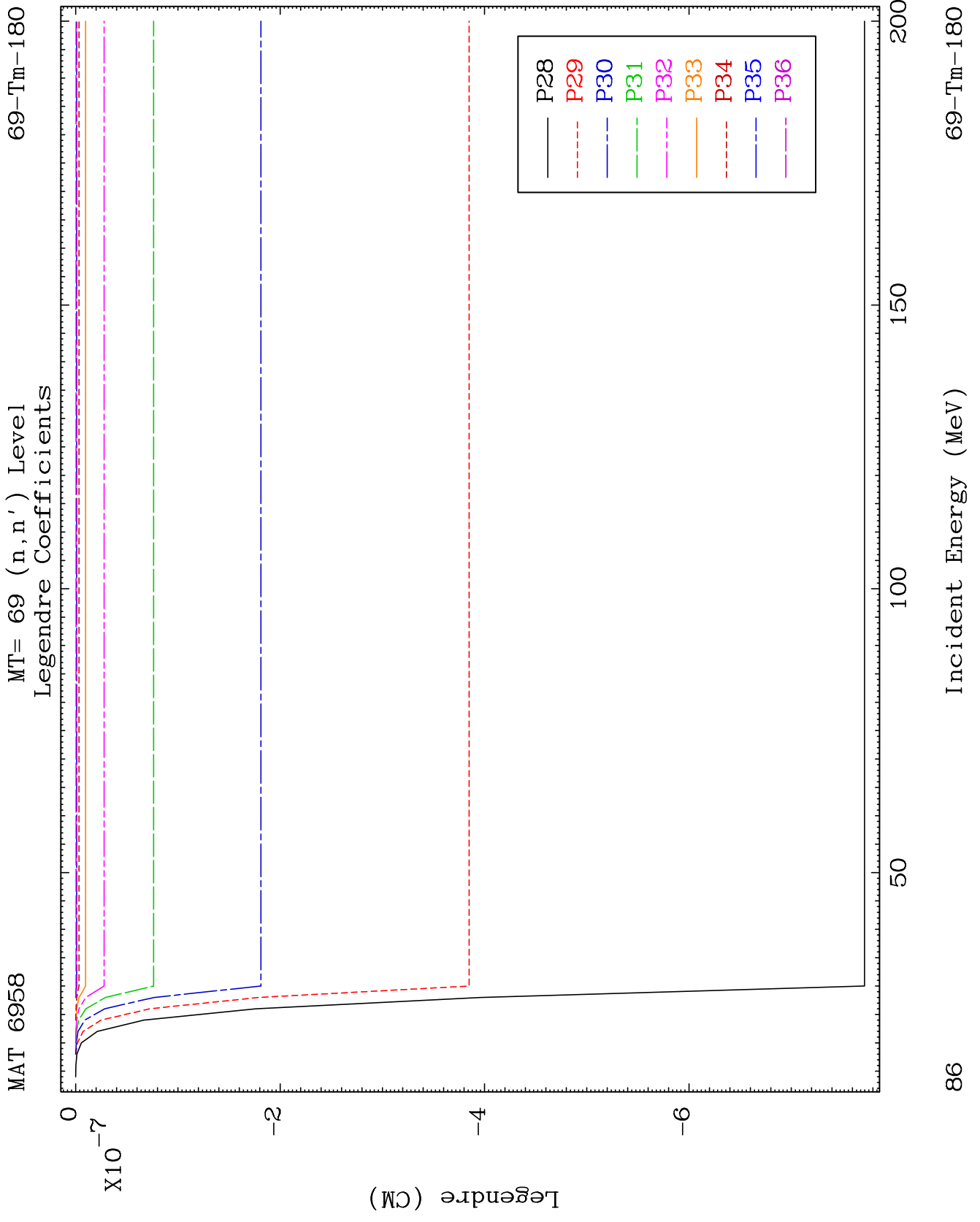
69-Tm-180



85

Incident Energy (MeV)

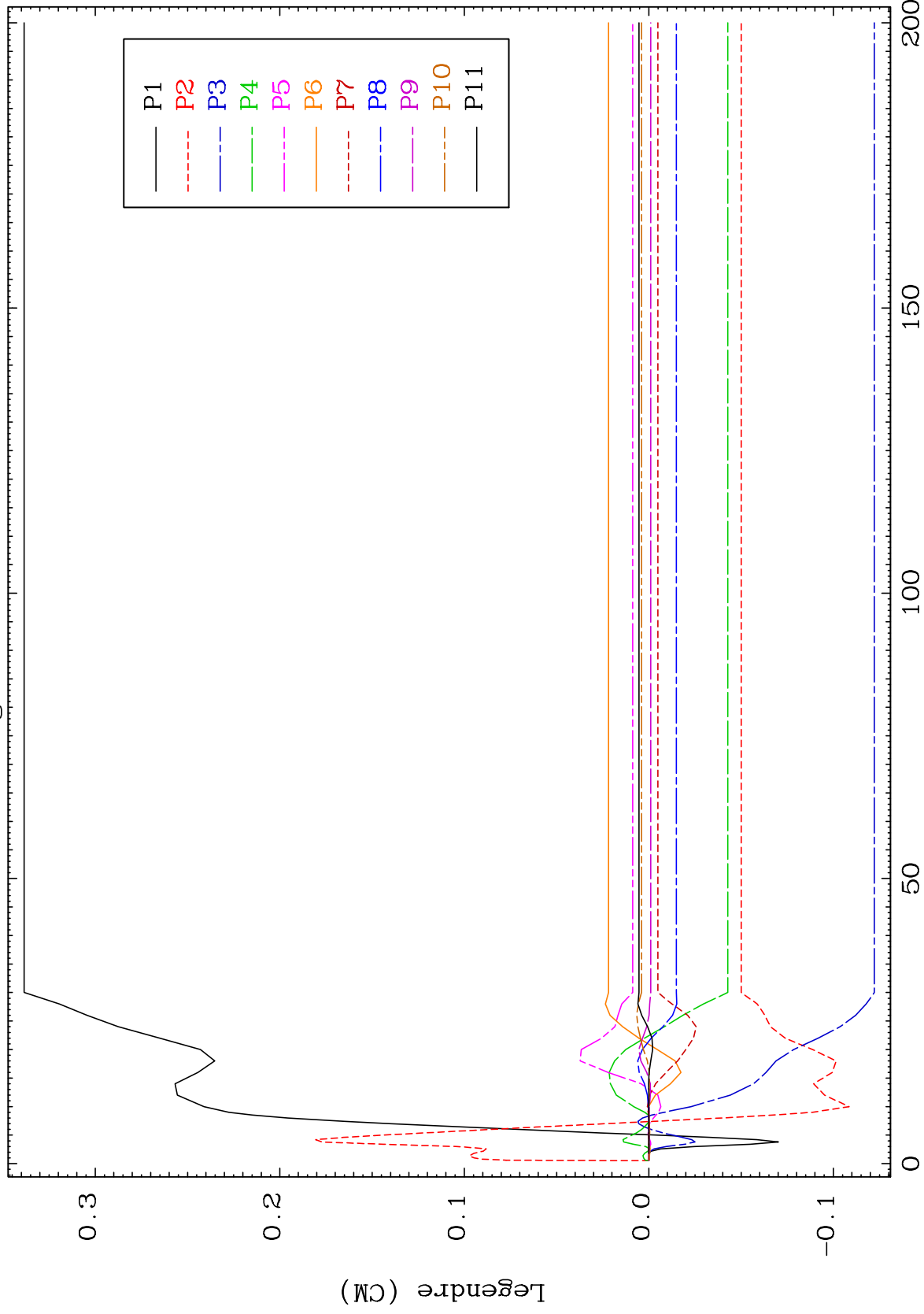
69-Tm-180



MAT 6958

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

69-Tm-180



87

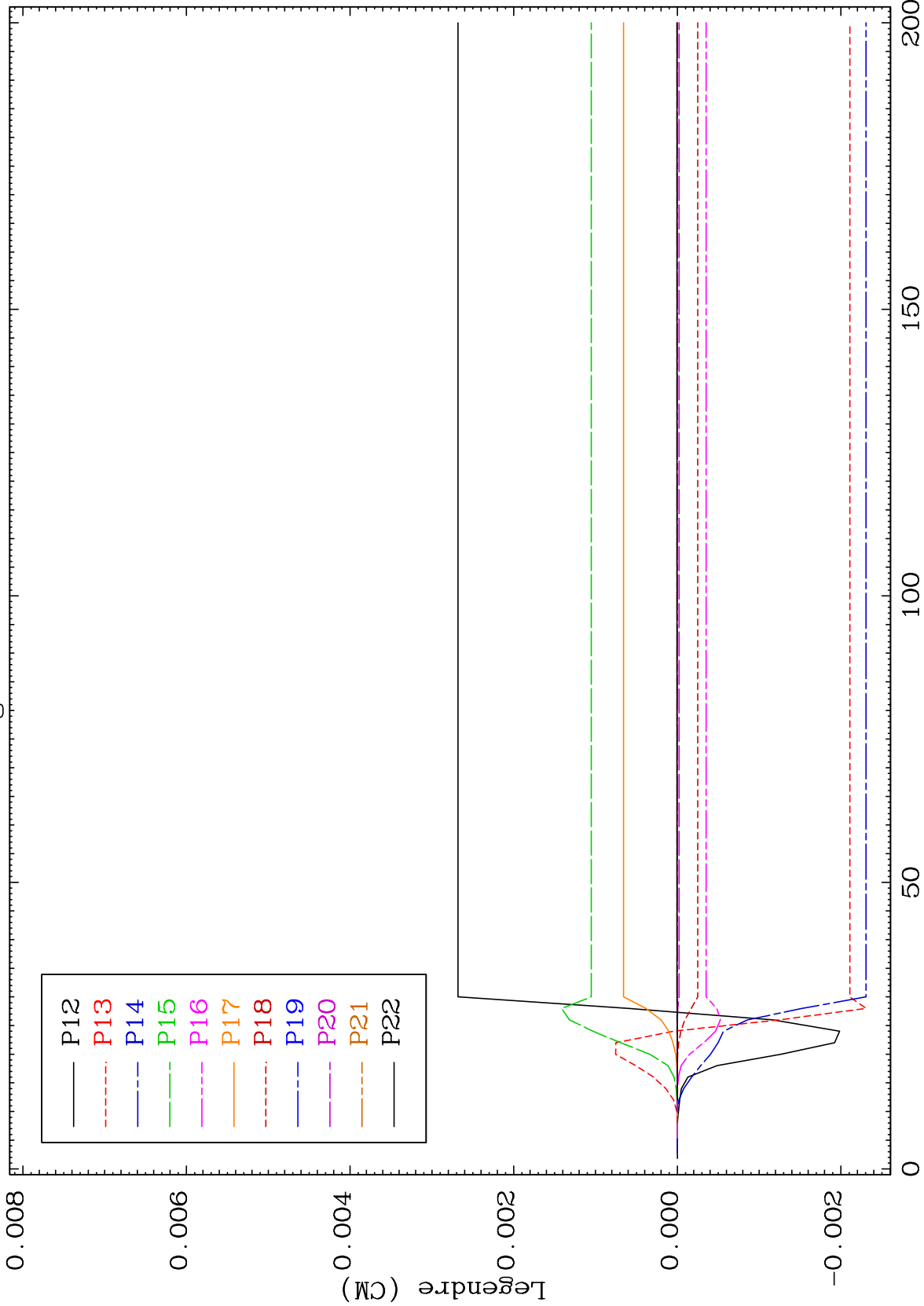
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



88

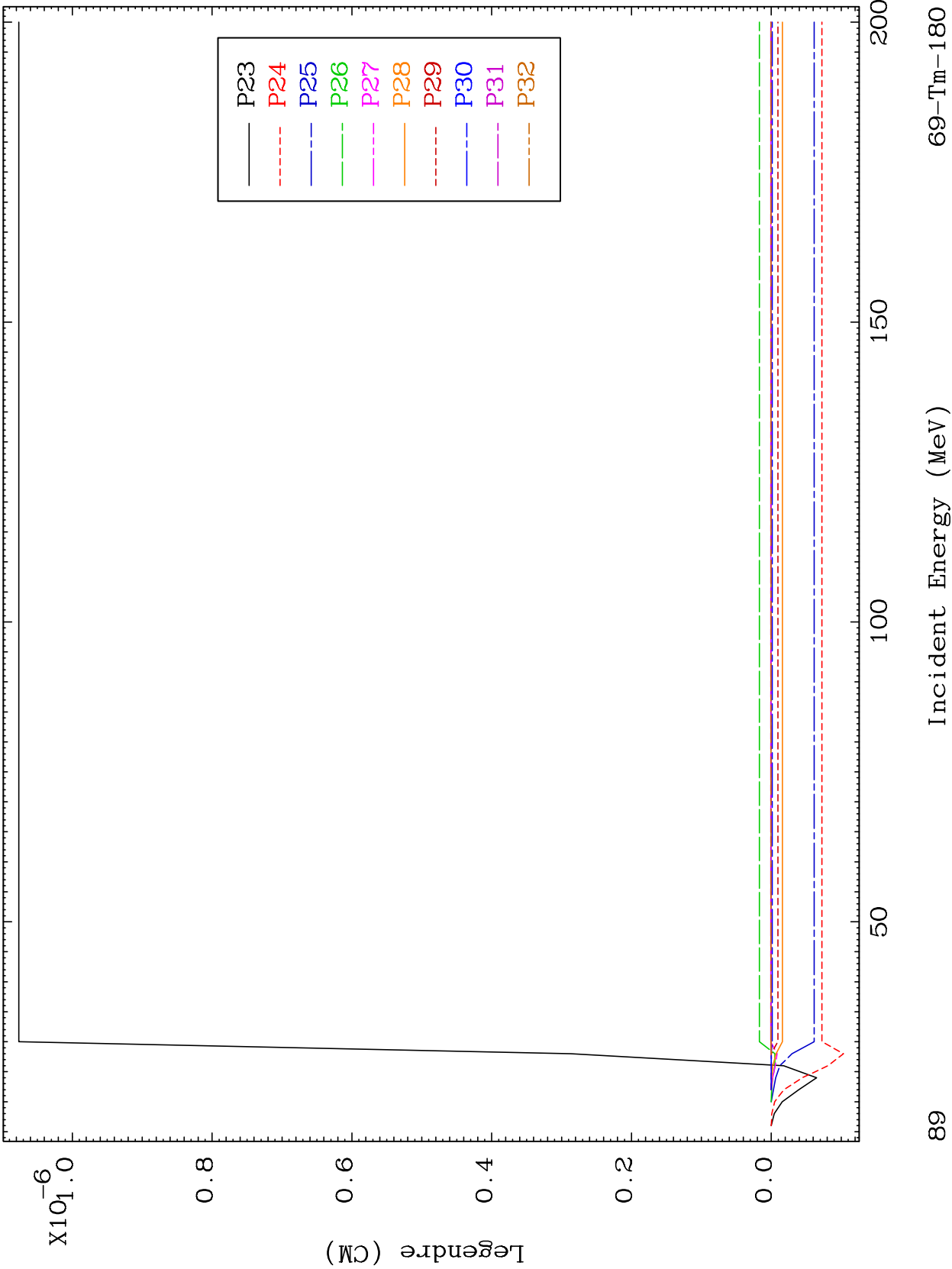
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

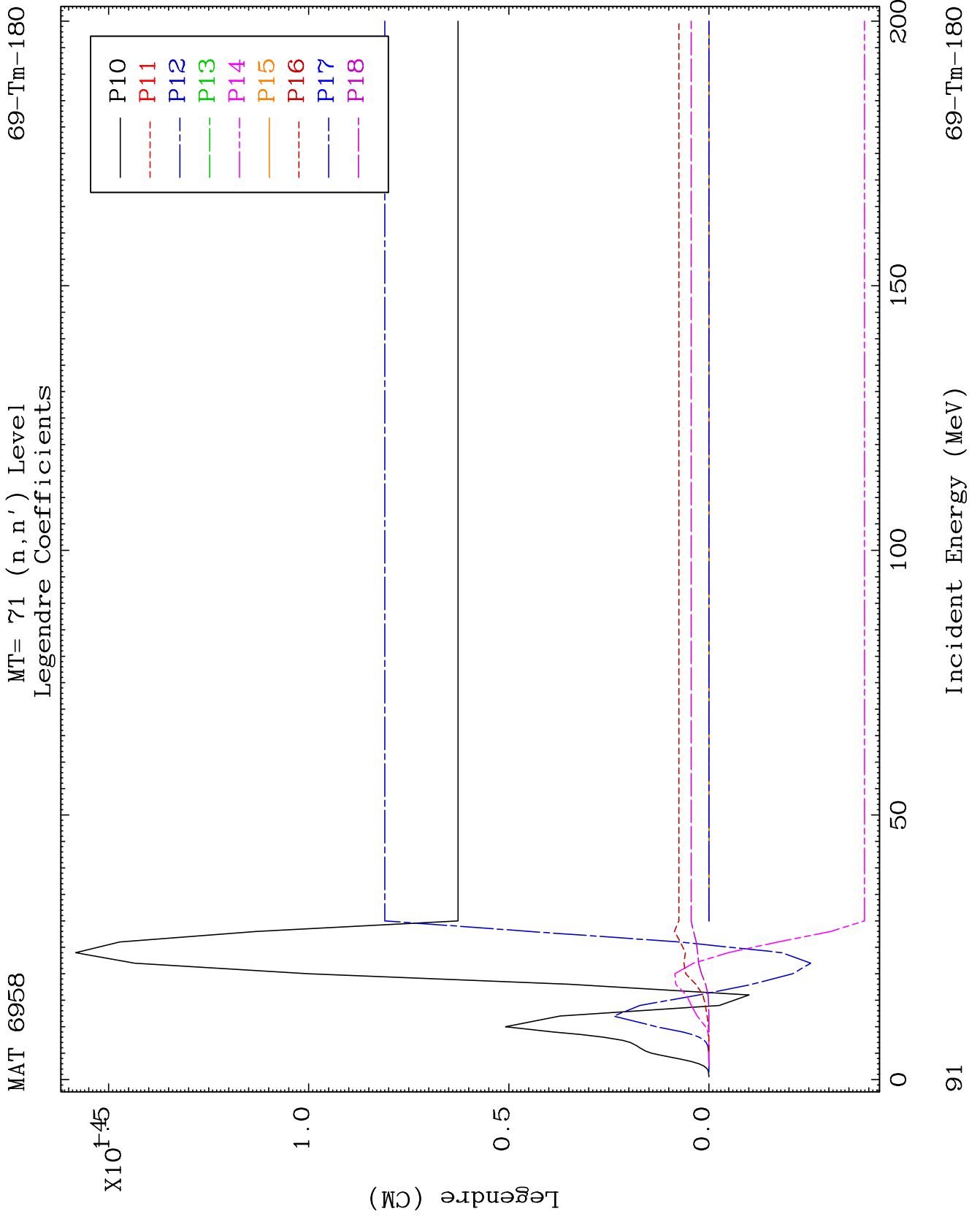
69-Tm-180

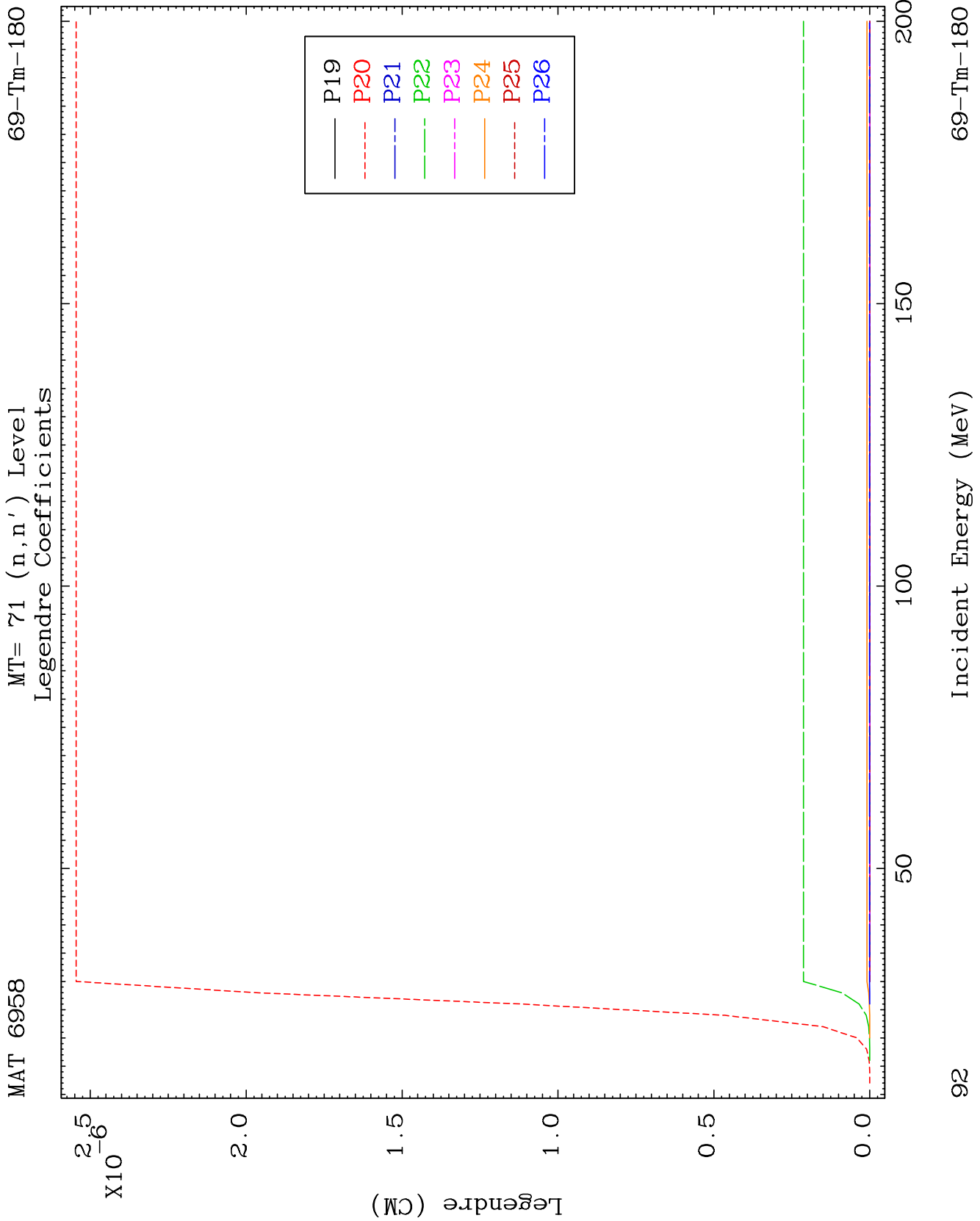


89

Incident Energy (MeV)

69-Tm-180

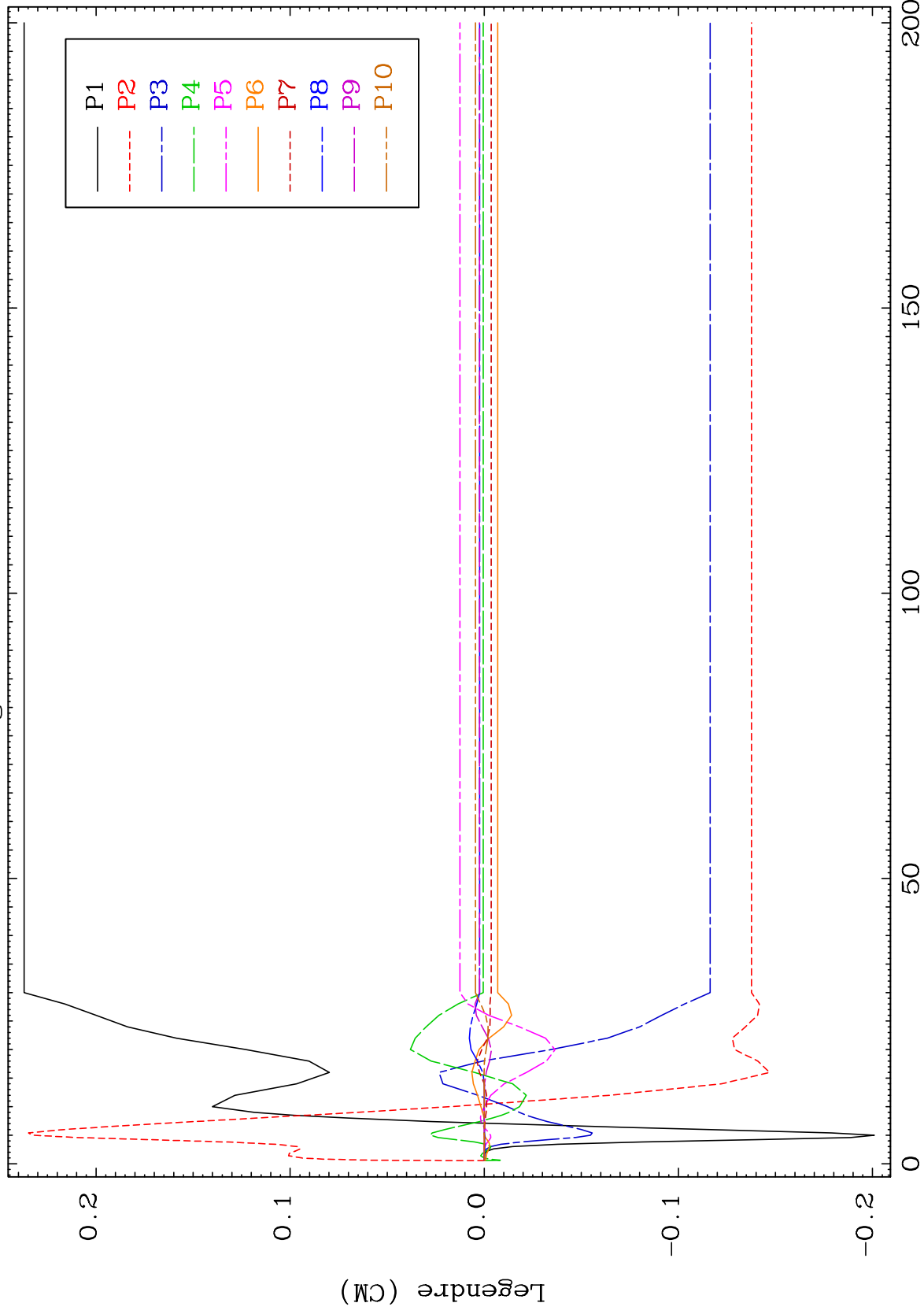




MAT 6958

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

69-Tm-180



93

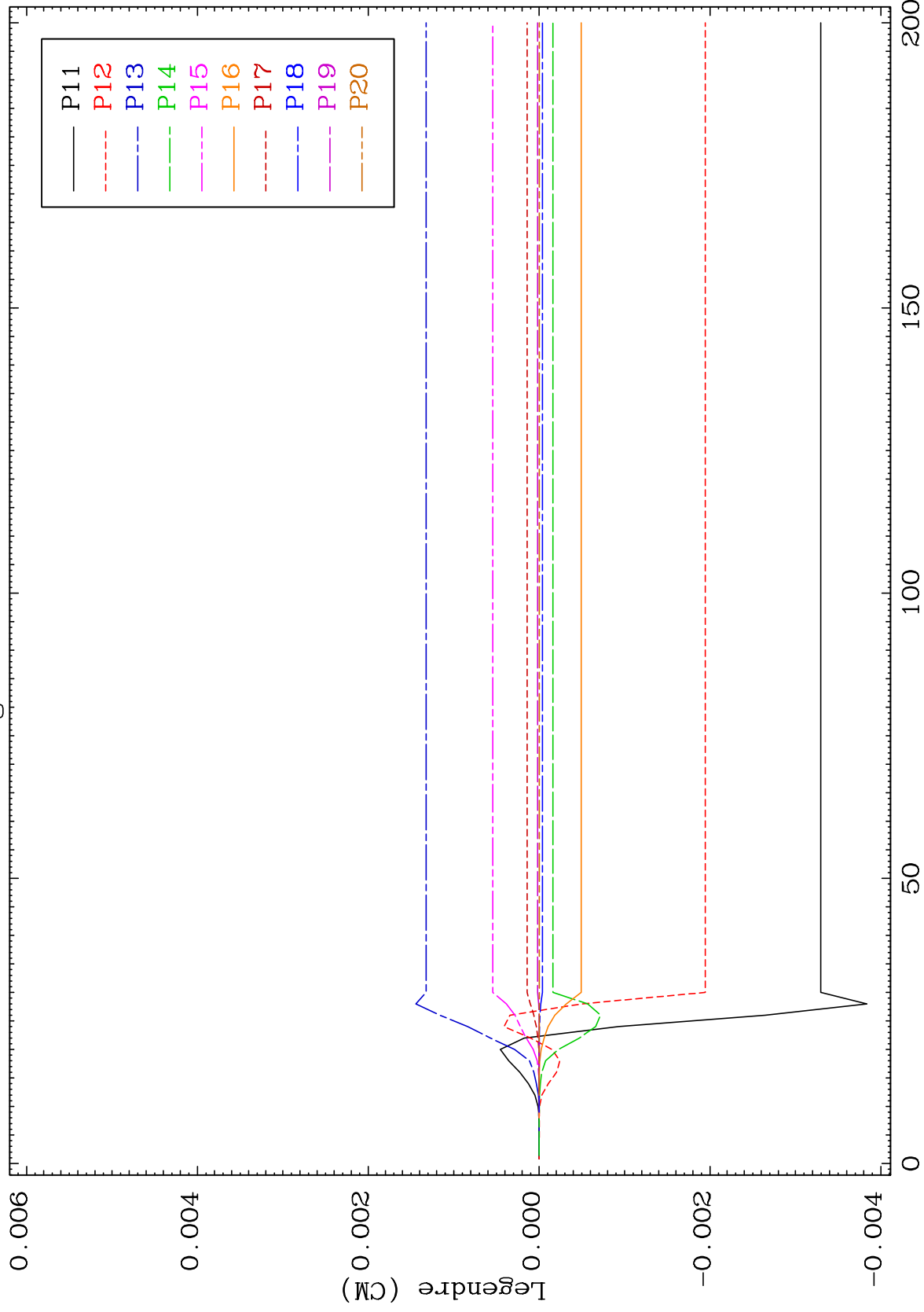
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

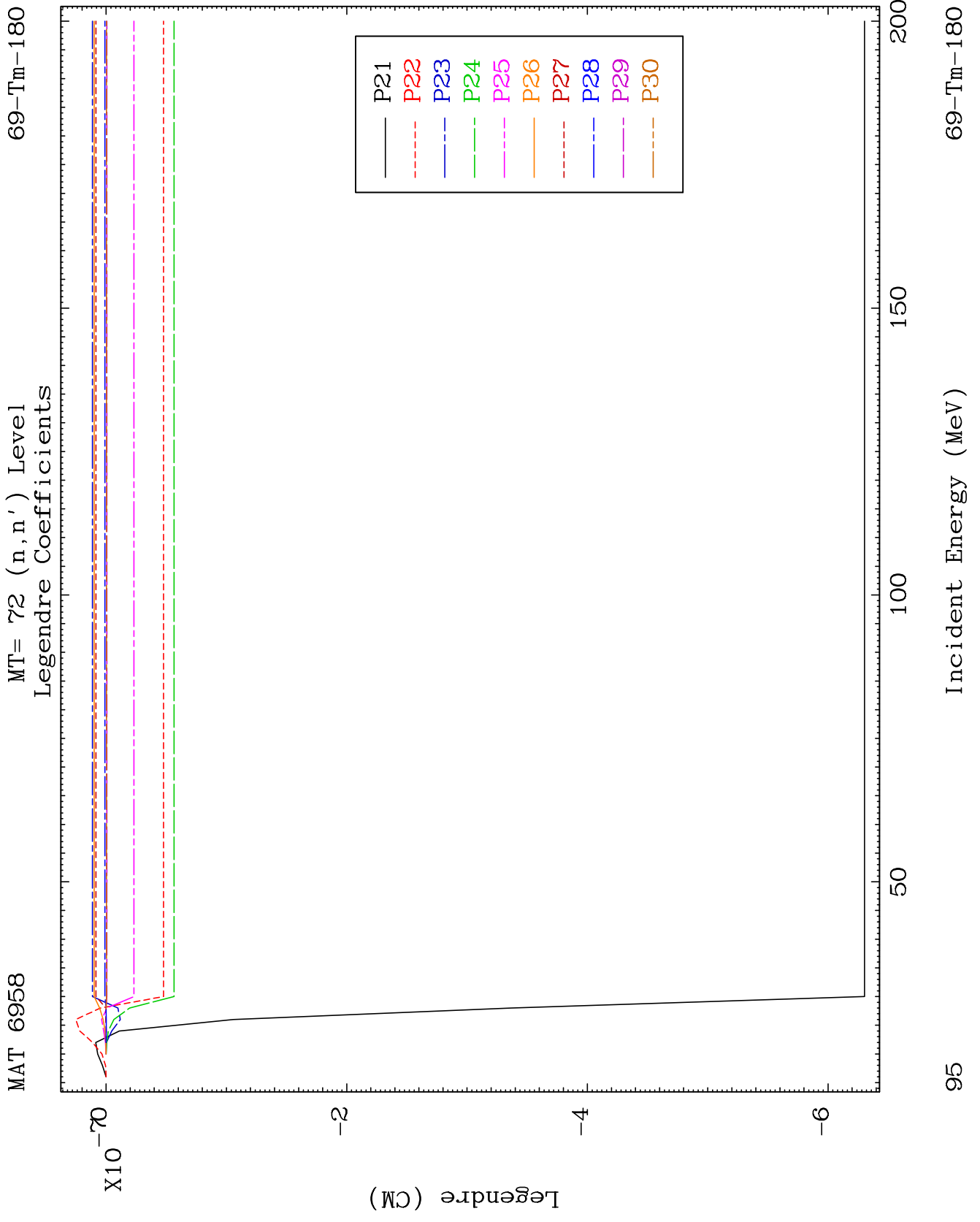
69-Tm-180



94

Incident Energy (MeV)

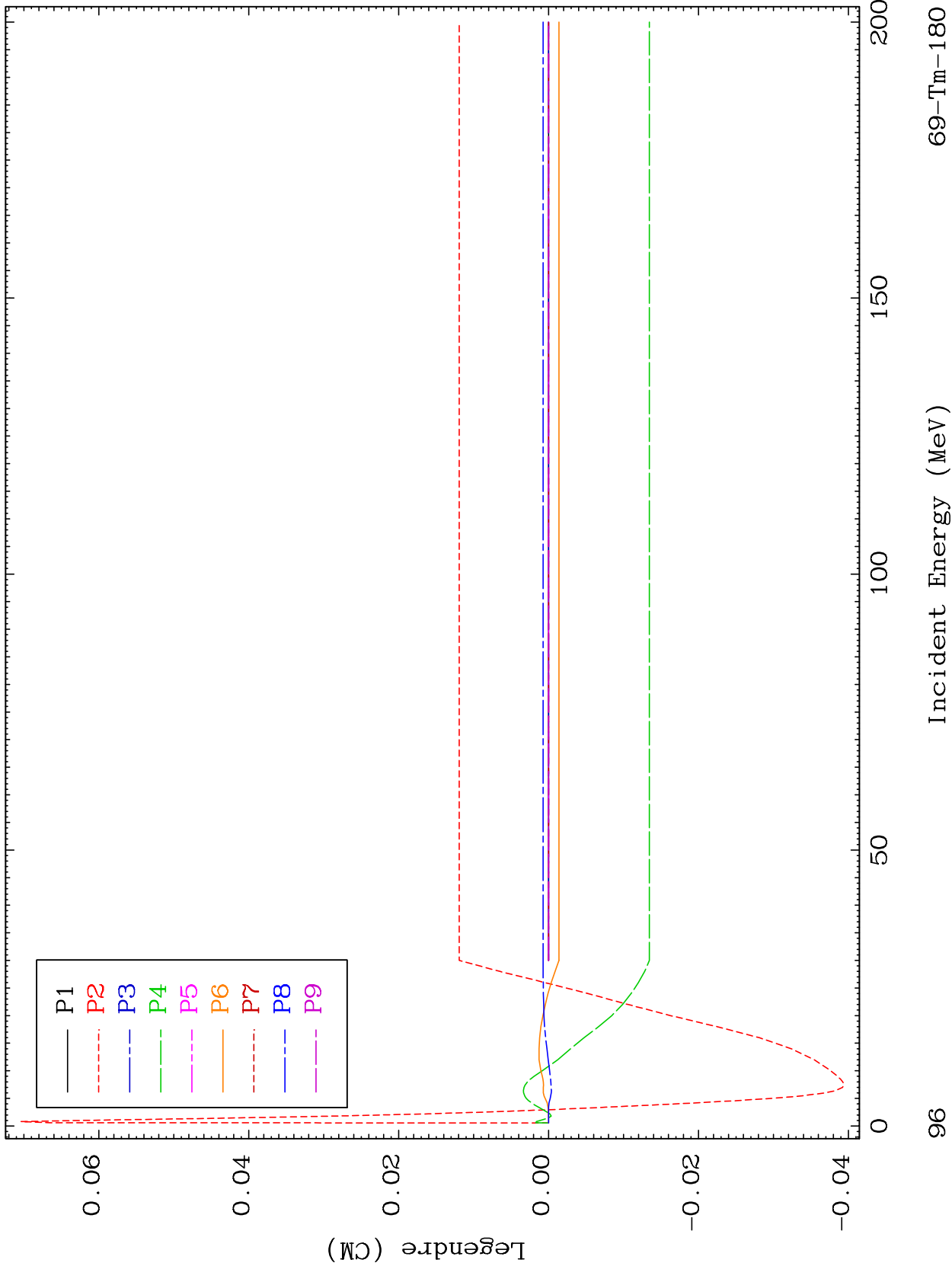
69-Tm-180



MAT 6958

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

69-Tm-180



96

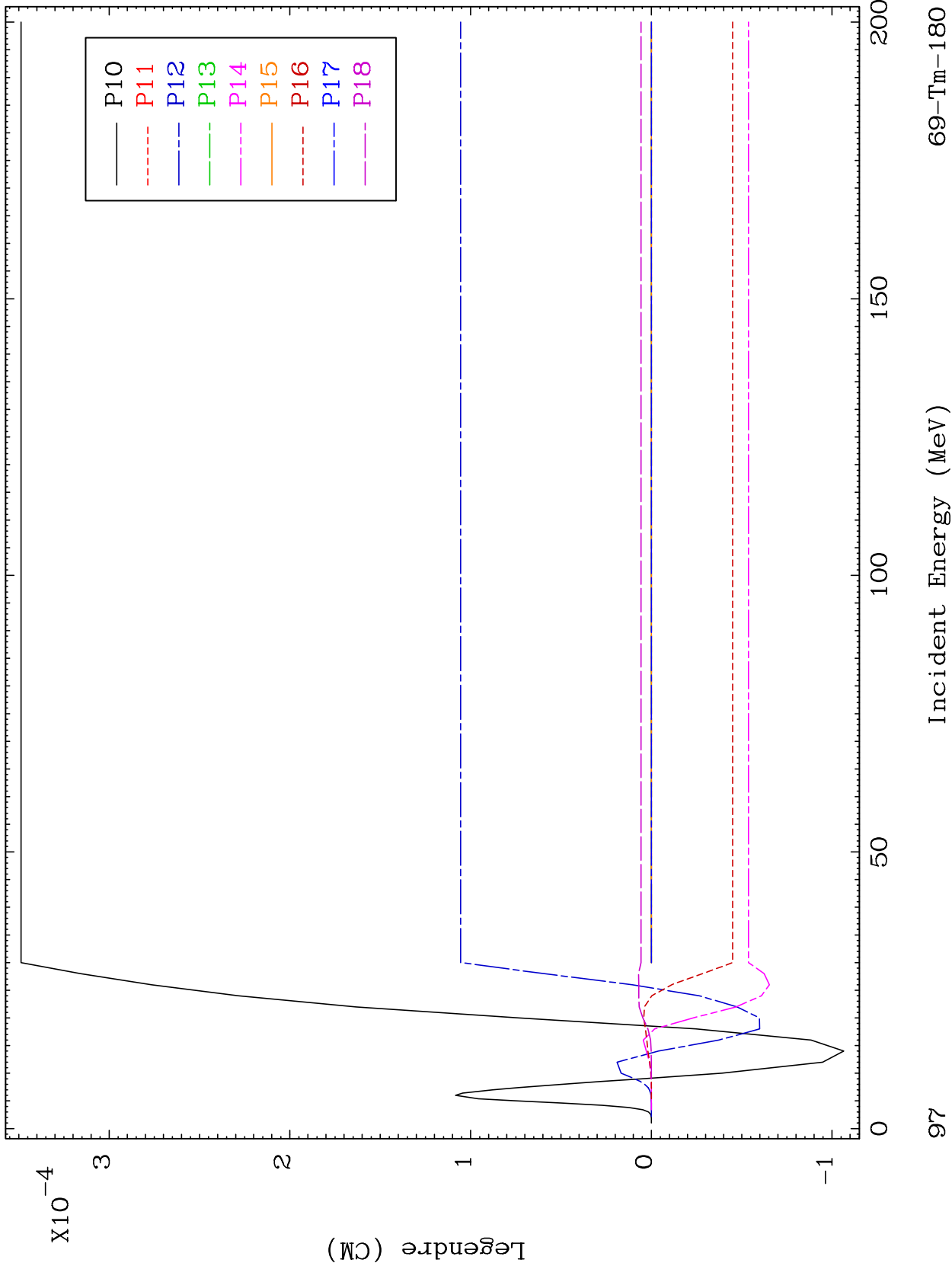
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

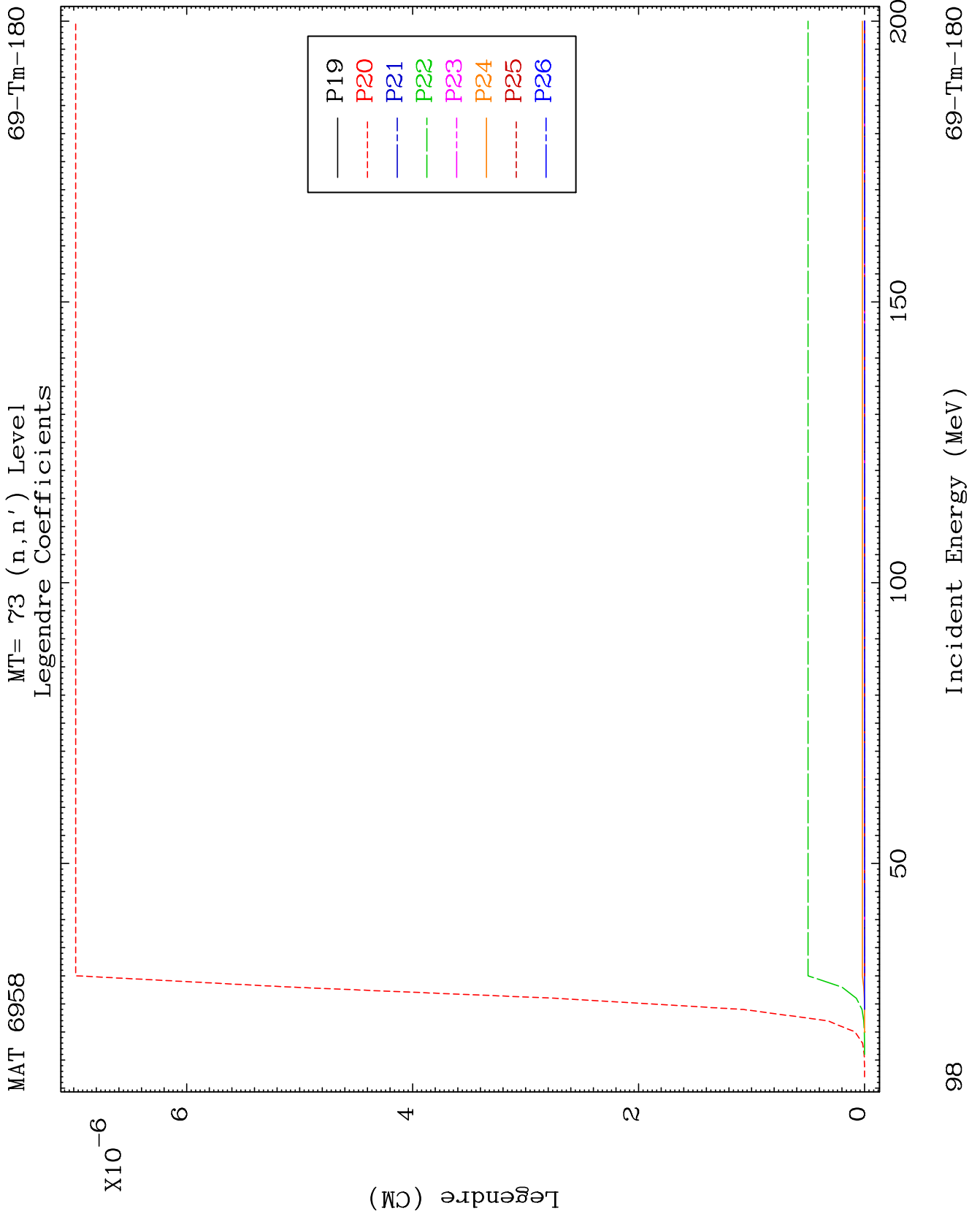
69-Tm-180



97

Incident Energy (MeV)

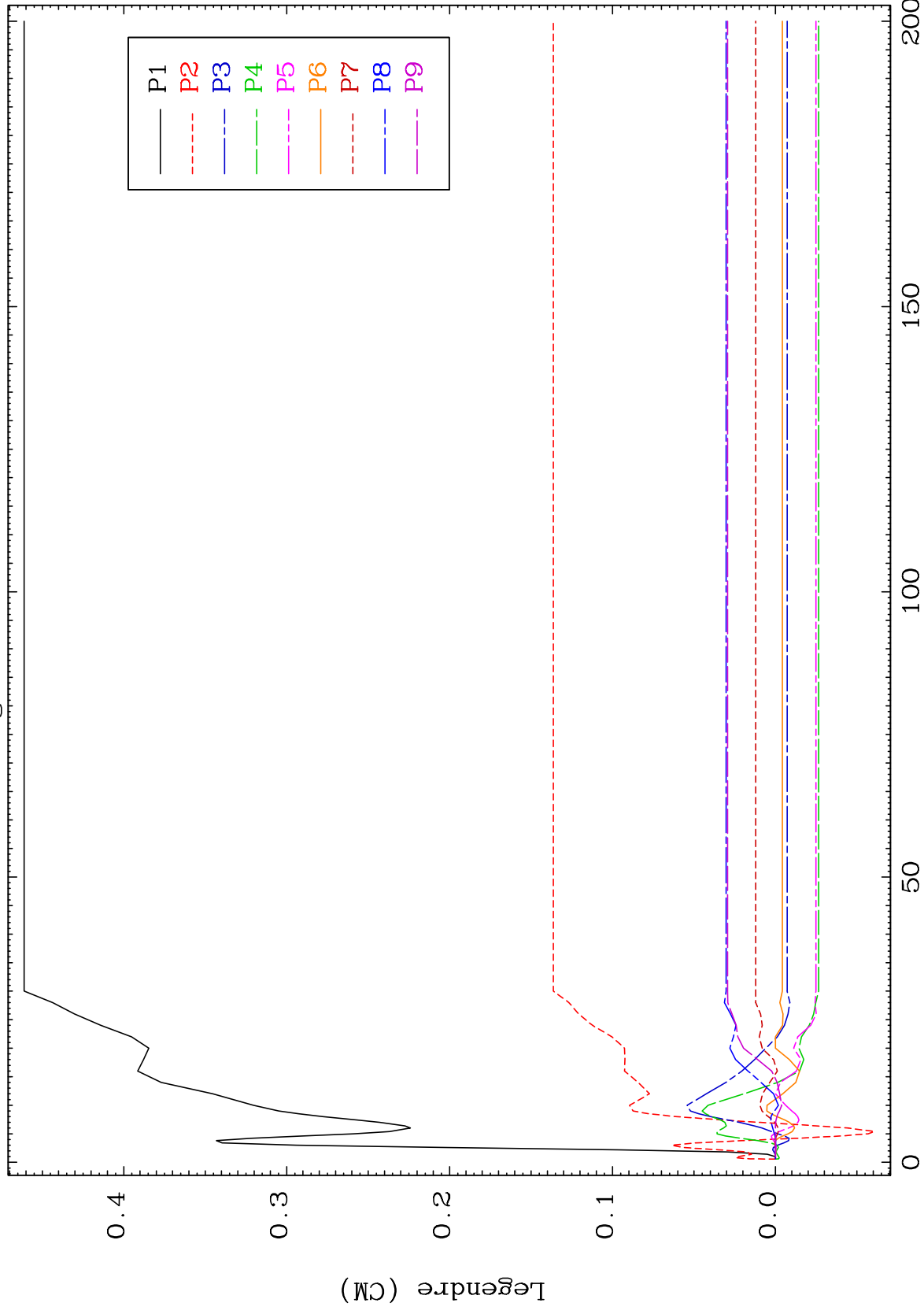
69-Tm-180



MAT 6958

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

69-Tm-180



99

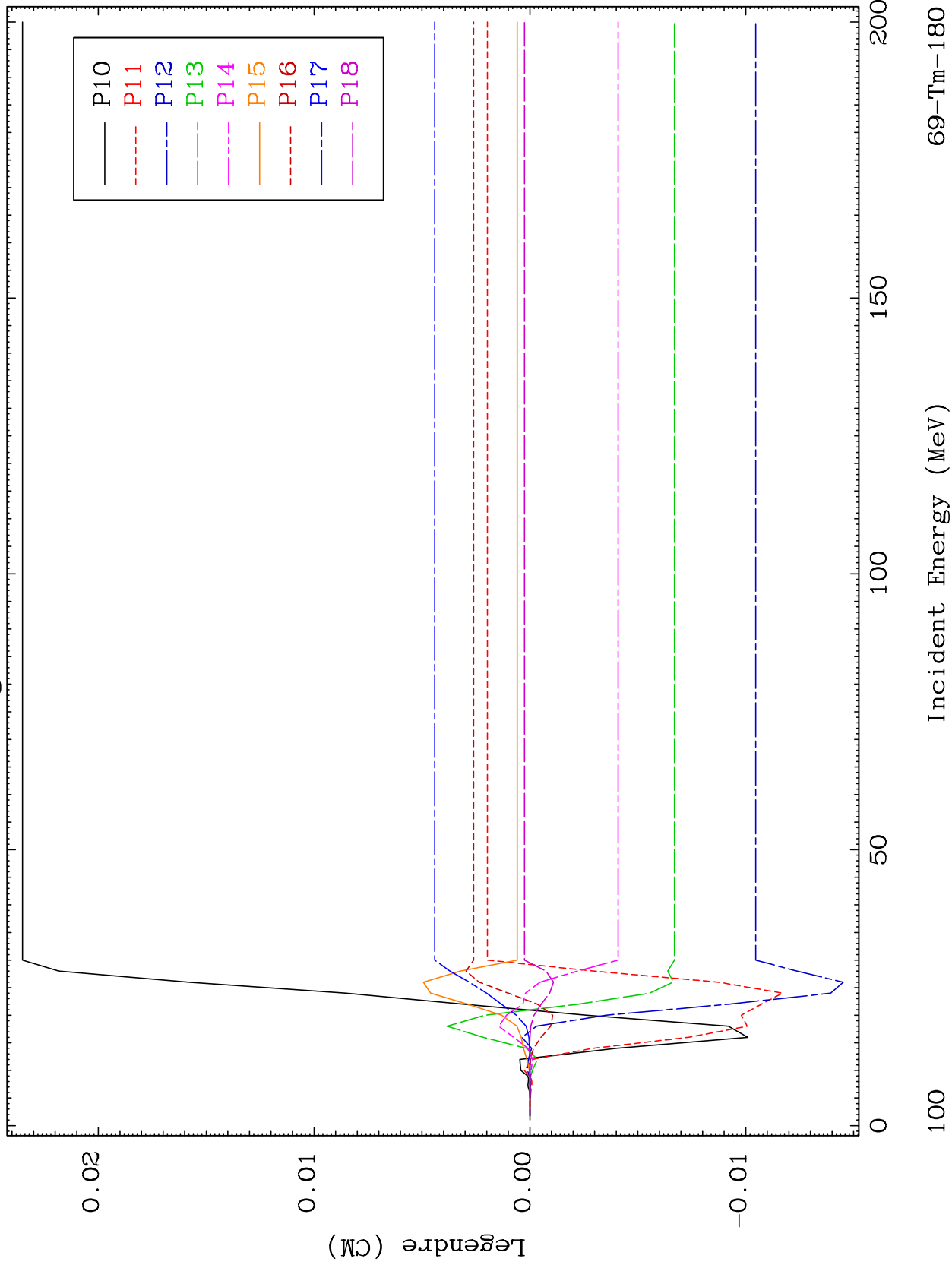
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



69-Tm-180

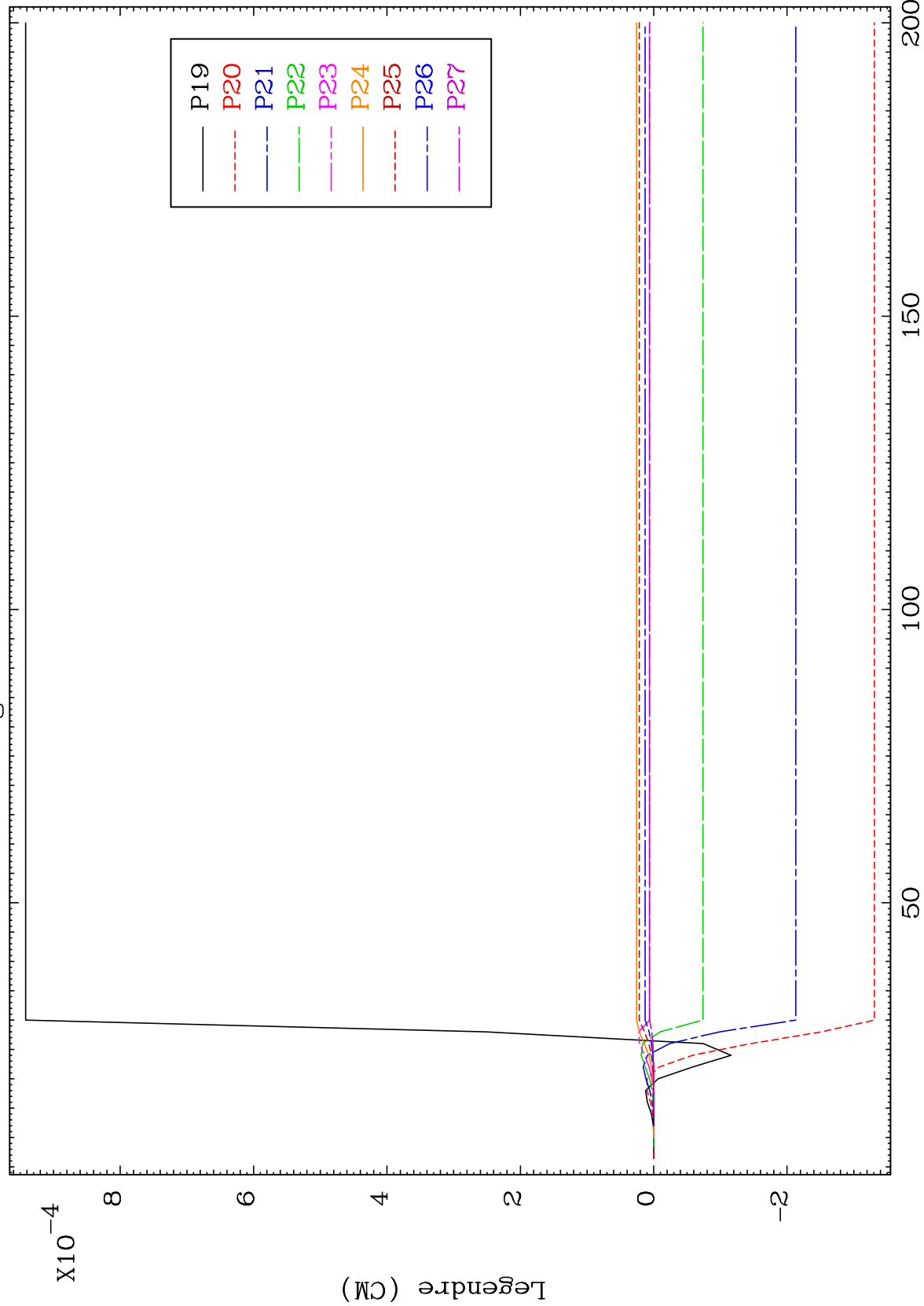
Incident Energy (MeV)

100

MAT 6958

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

69-Tm-180



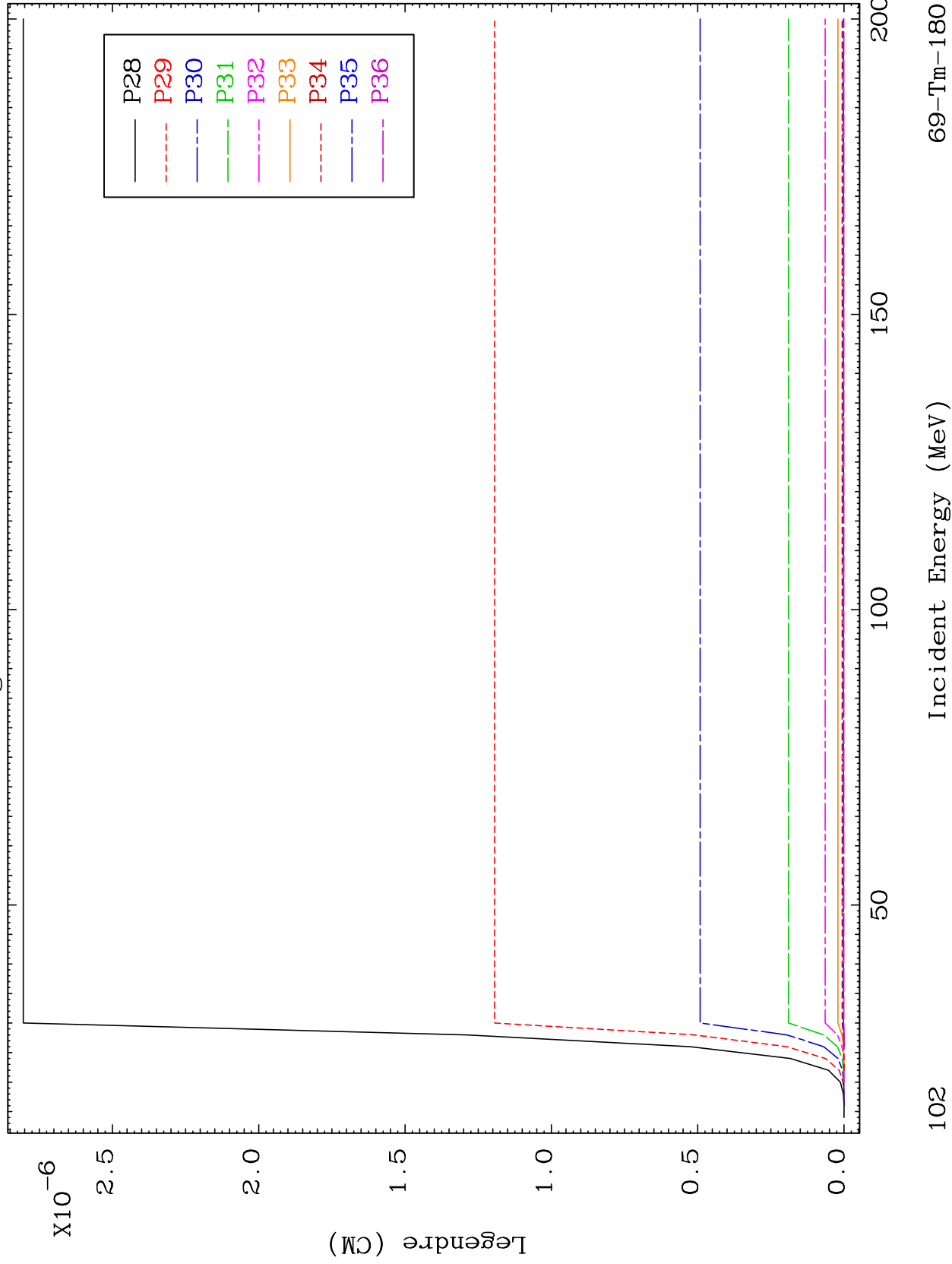
101

69-Tm-180

MAT 6958

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

69-Tm-180



102

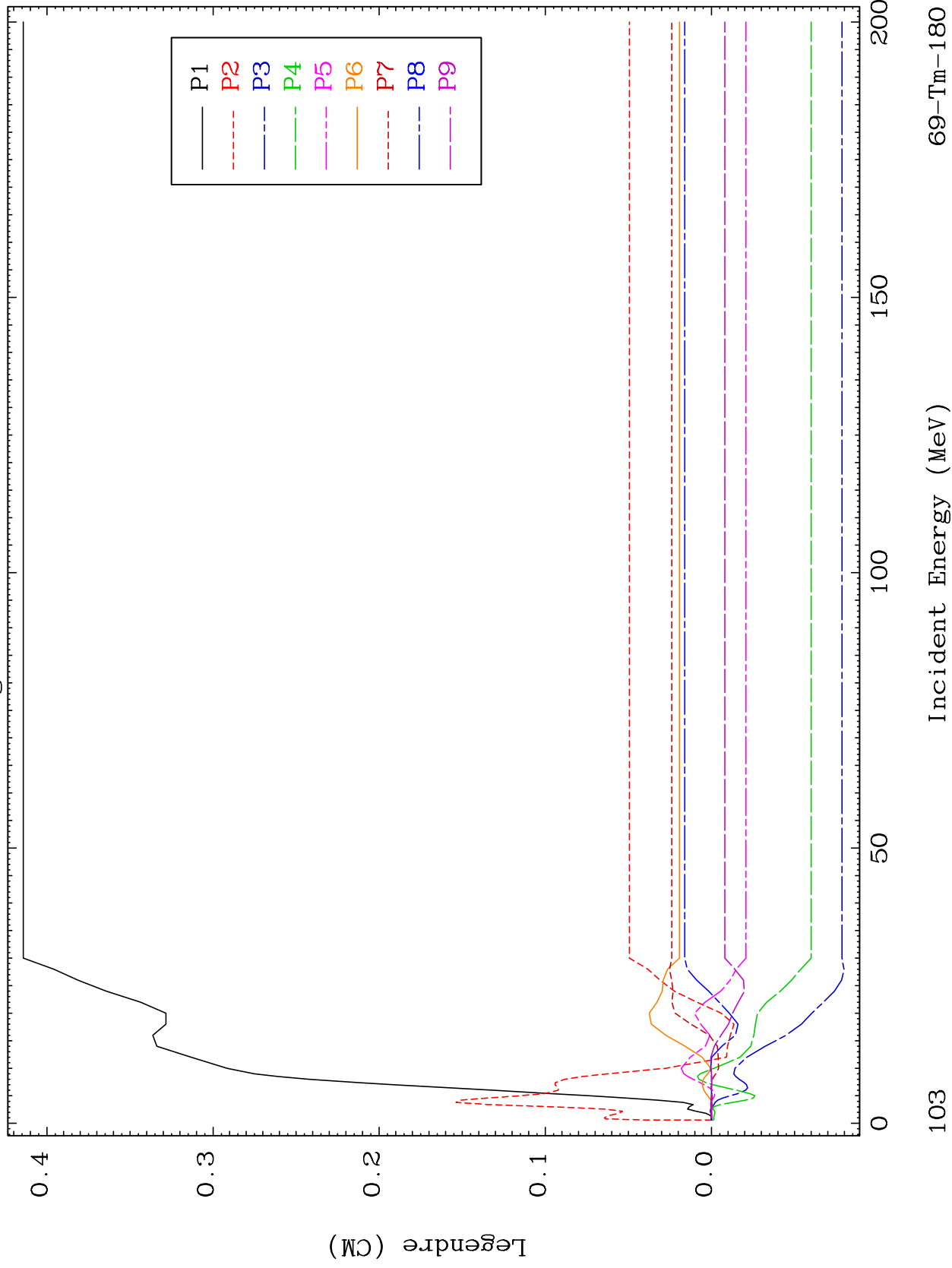
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



69-Tm-180

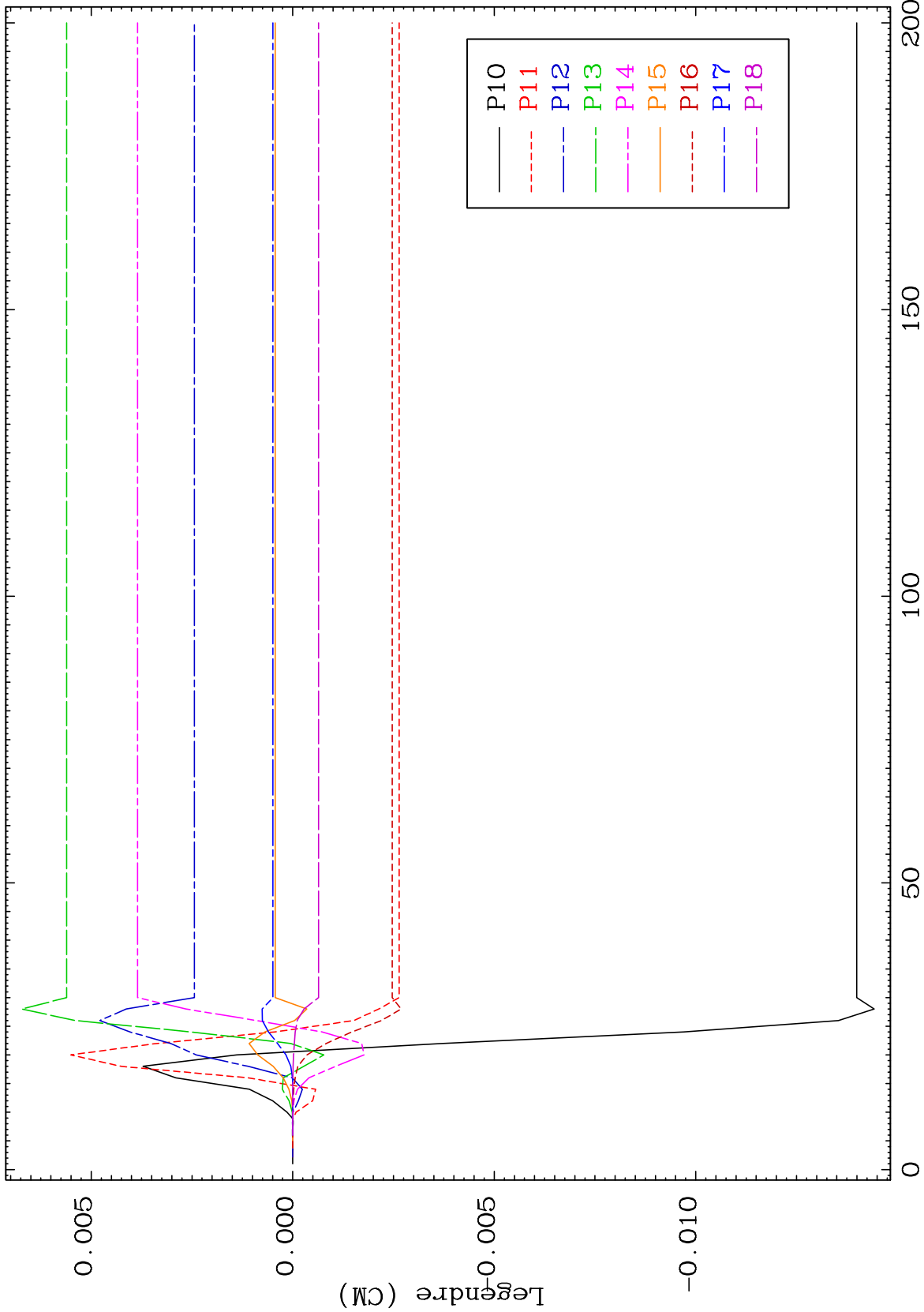
Incident Energy (MeV)

103

MAT 6958

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

69-Tm-180



104

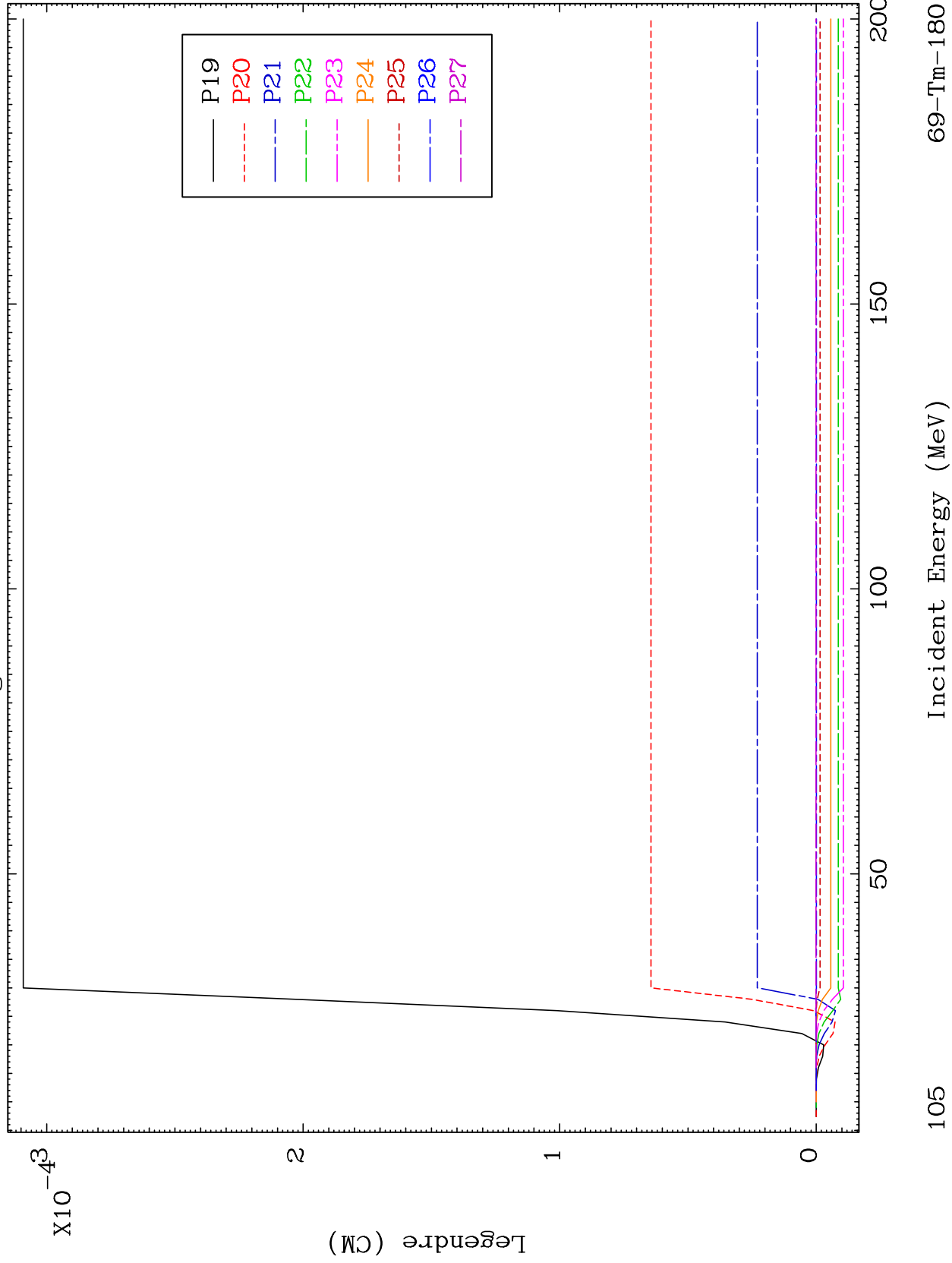
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

69-Tm-180



105

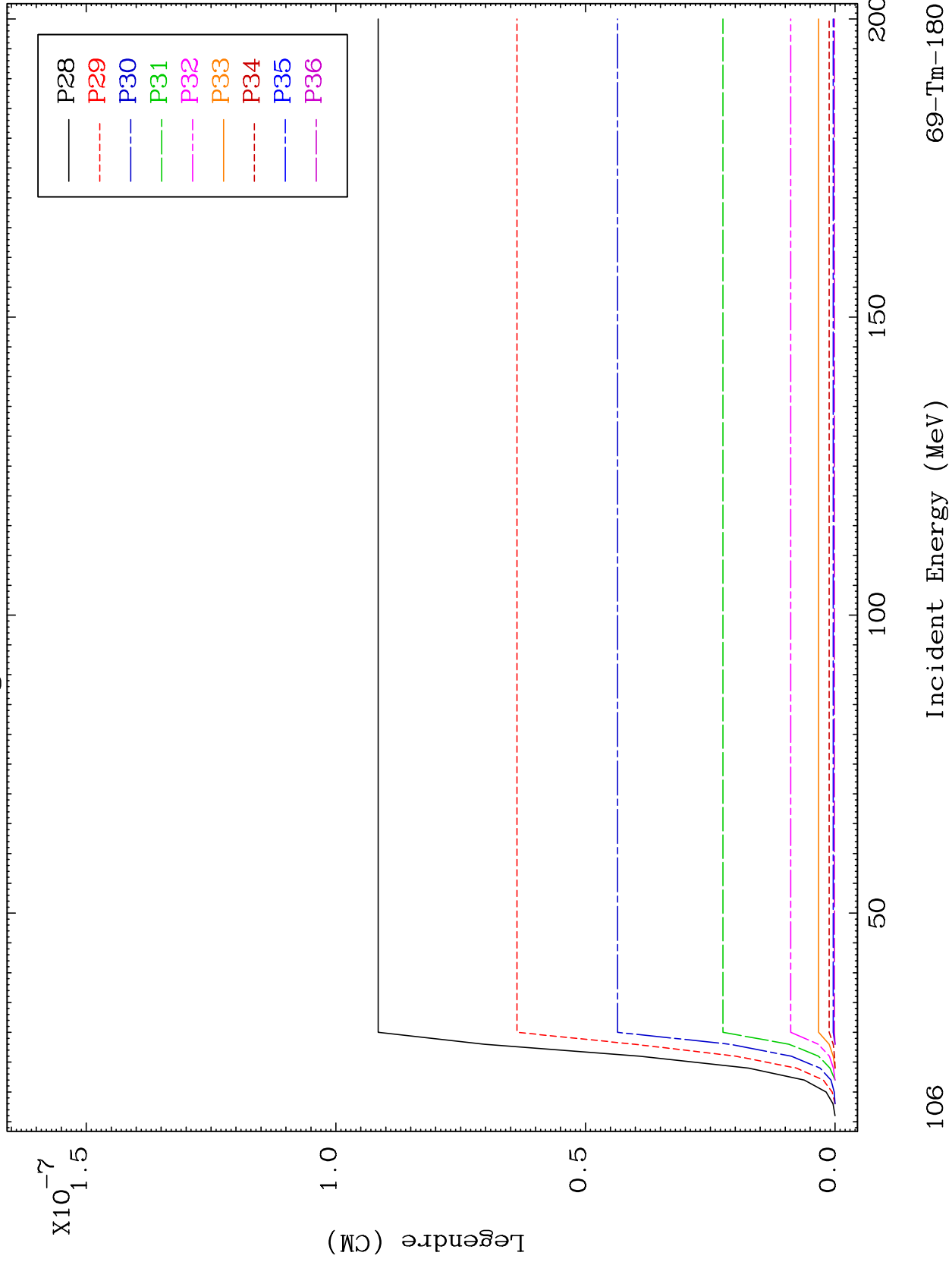
Incident Energy (MeV)

69-Tm-180

MAT 6958

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

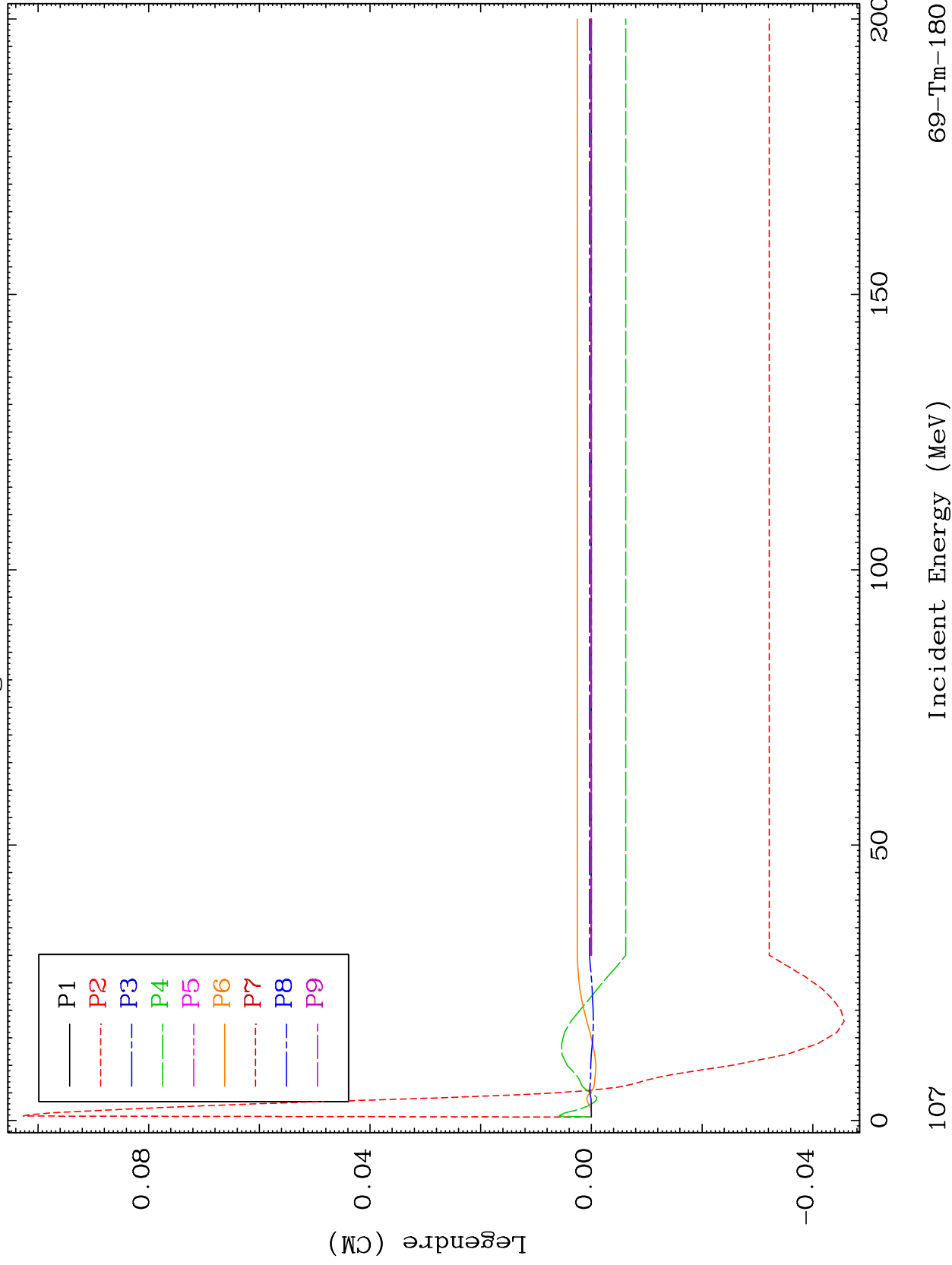
69-Tm-180



MAT 6958

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

69-Tm-180



69-Tm-180

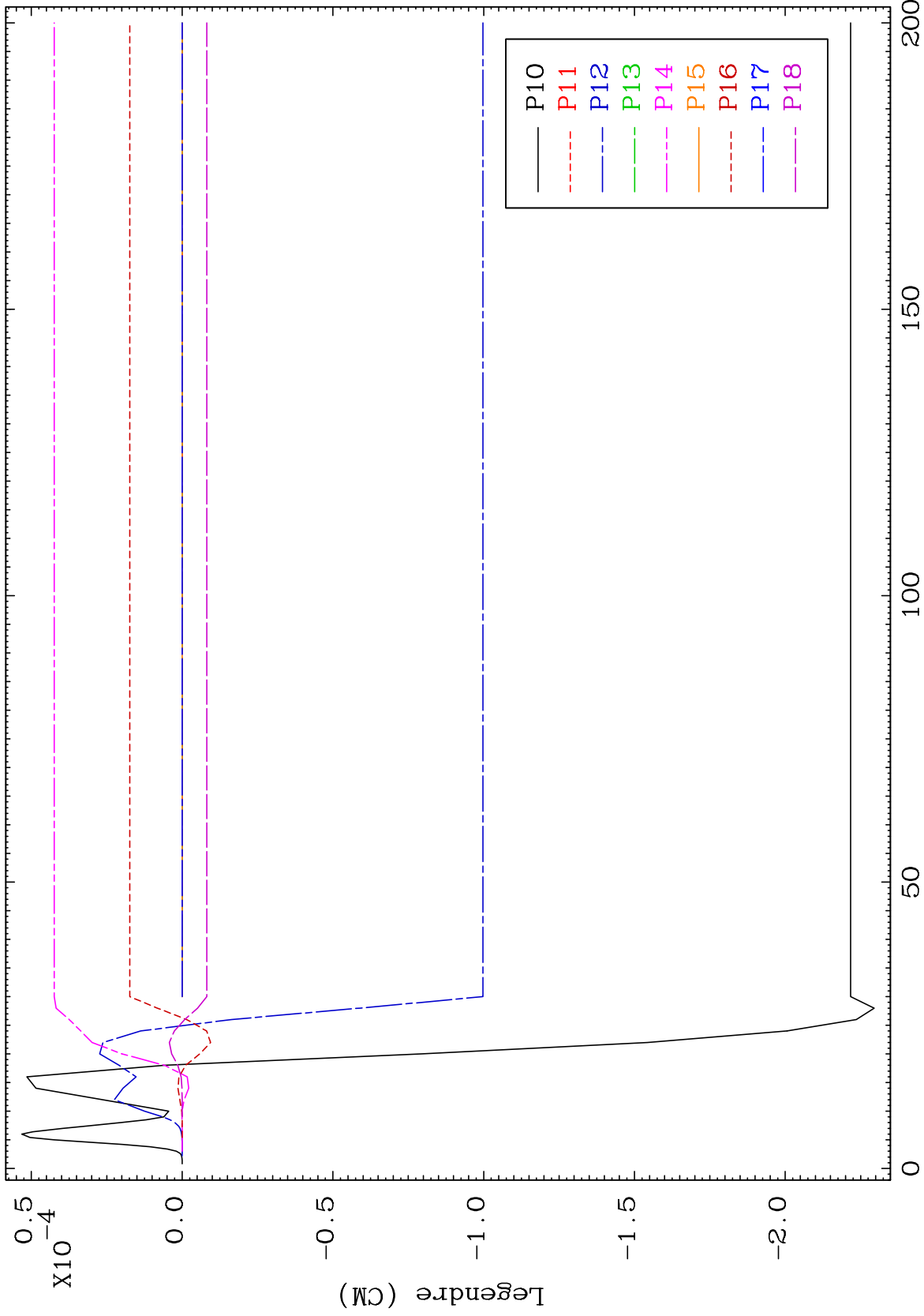
Incident Energy (MeV)

107

MAT 6958

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

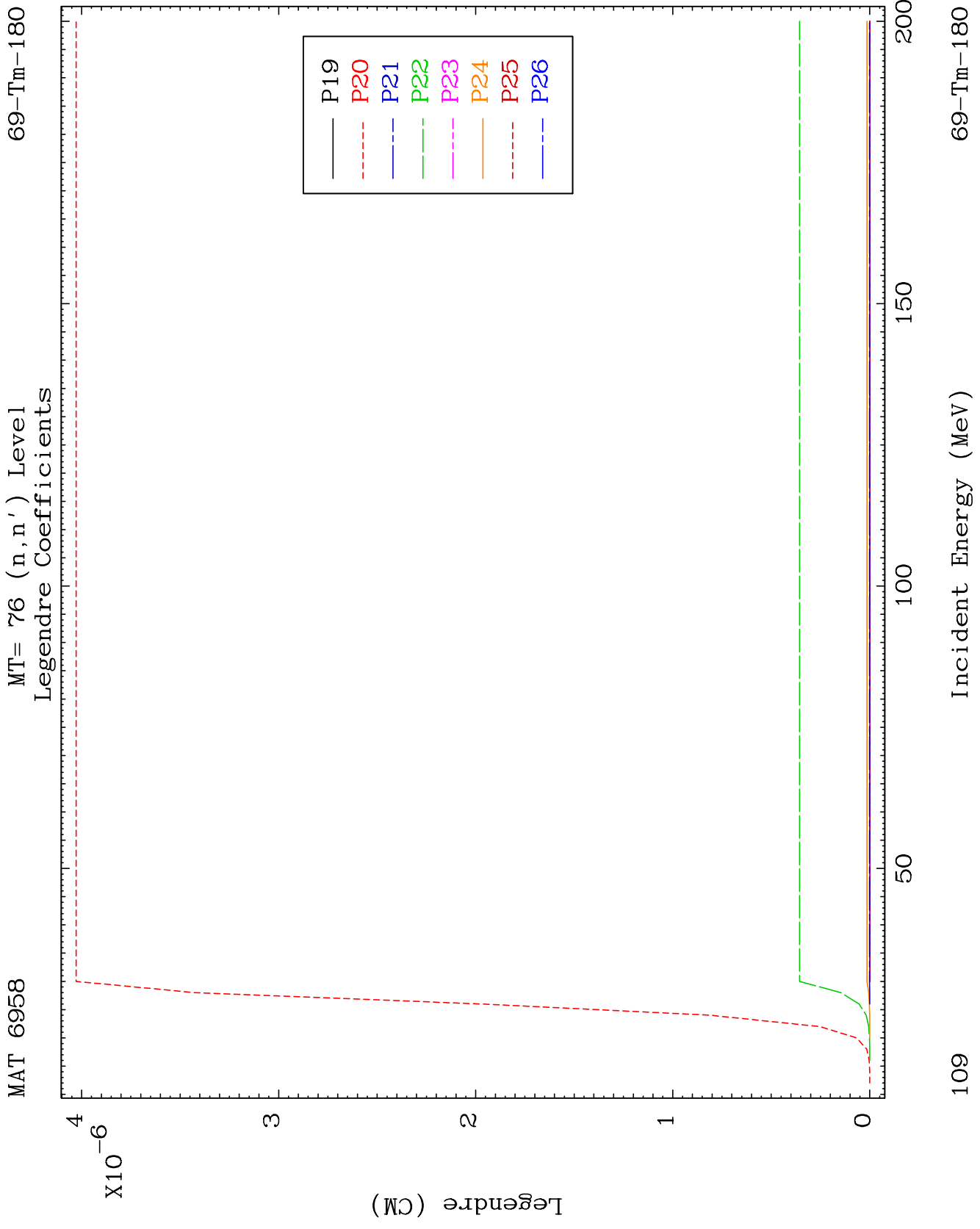
69-Tm-180

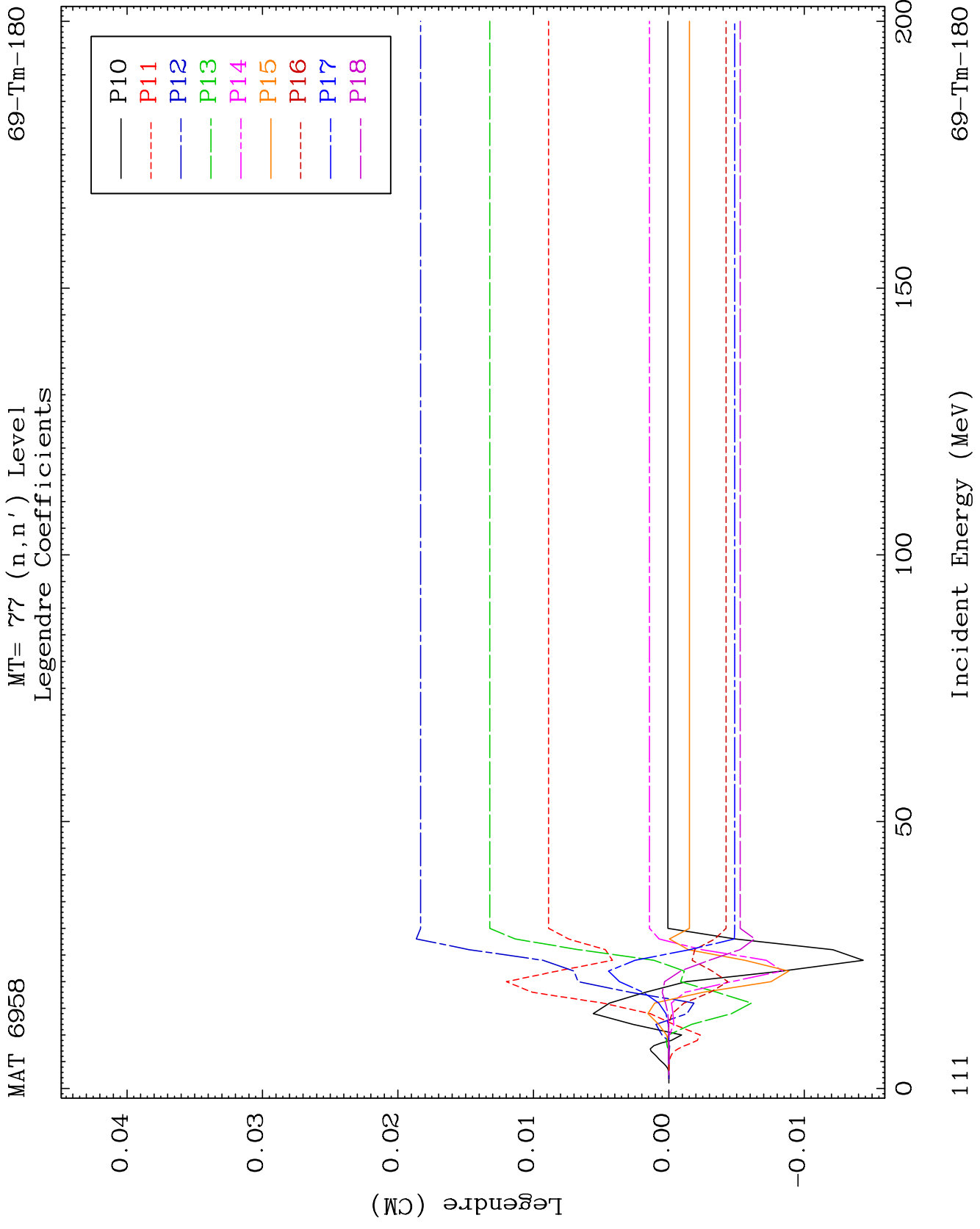


108

Incident Energy (MeV)

69-Tm-180

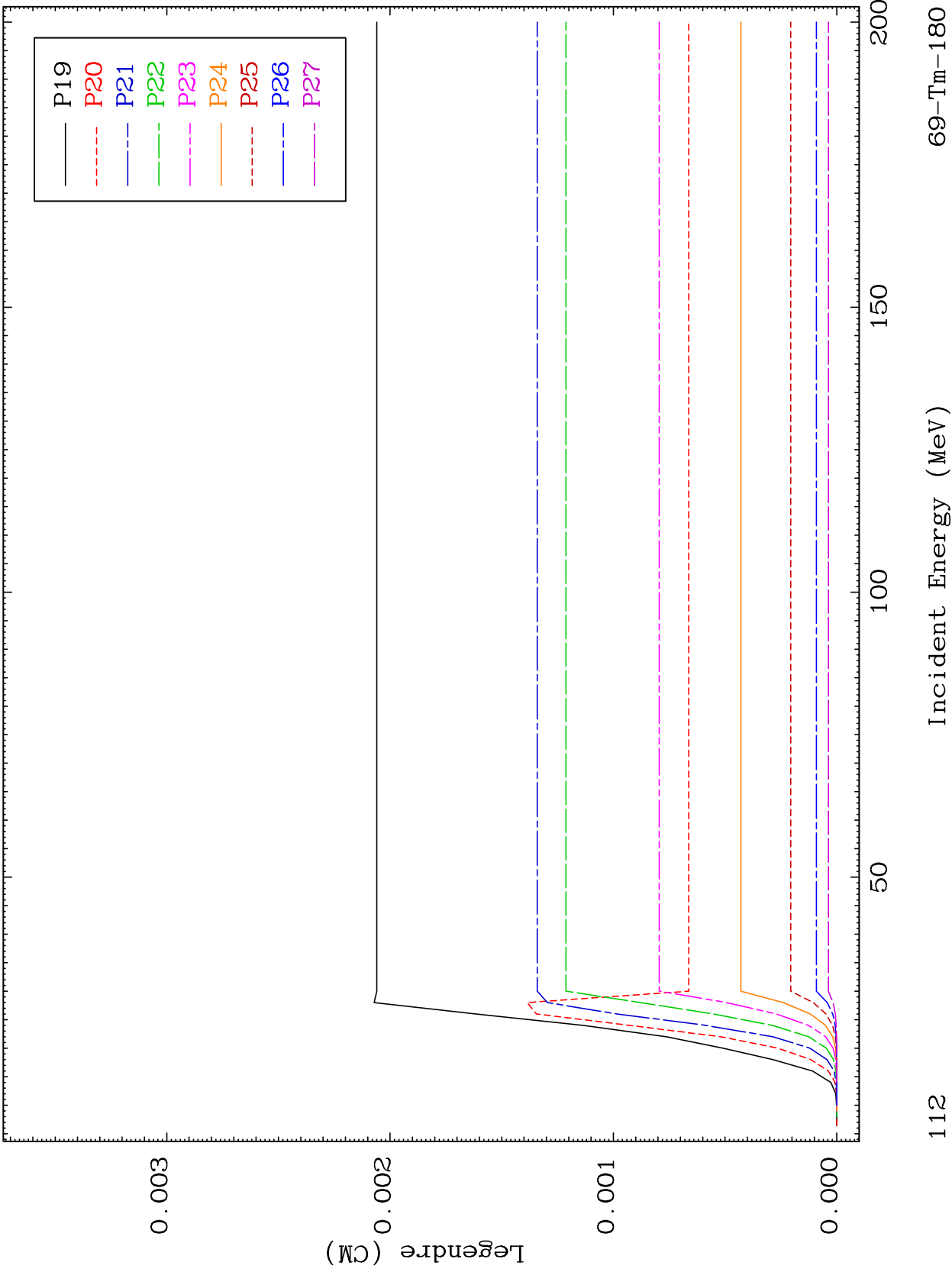




MAT 6958

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

69-Tm-180



112

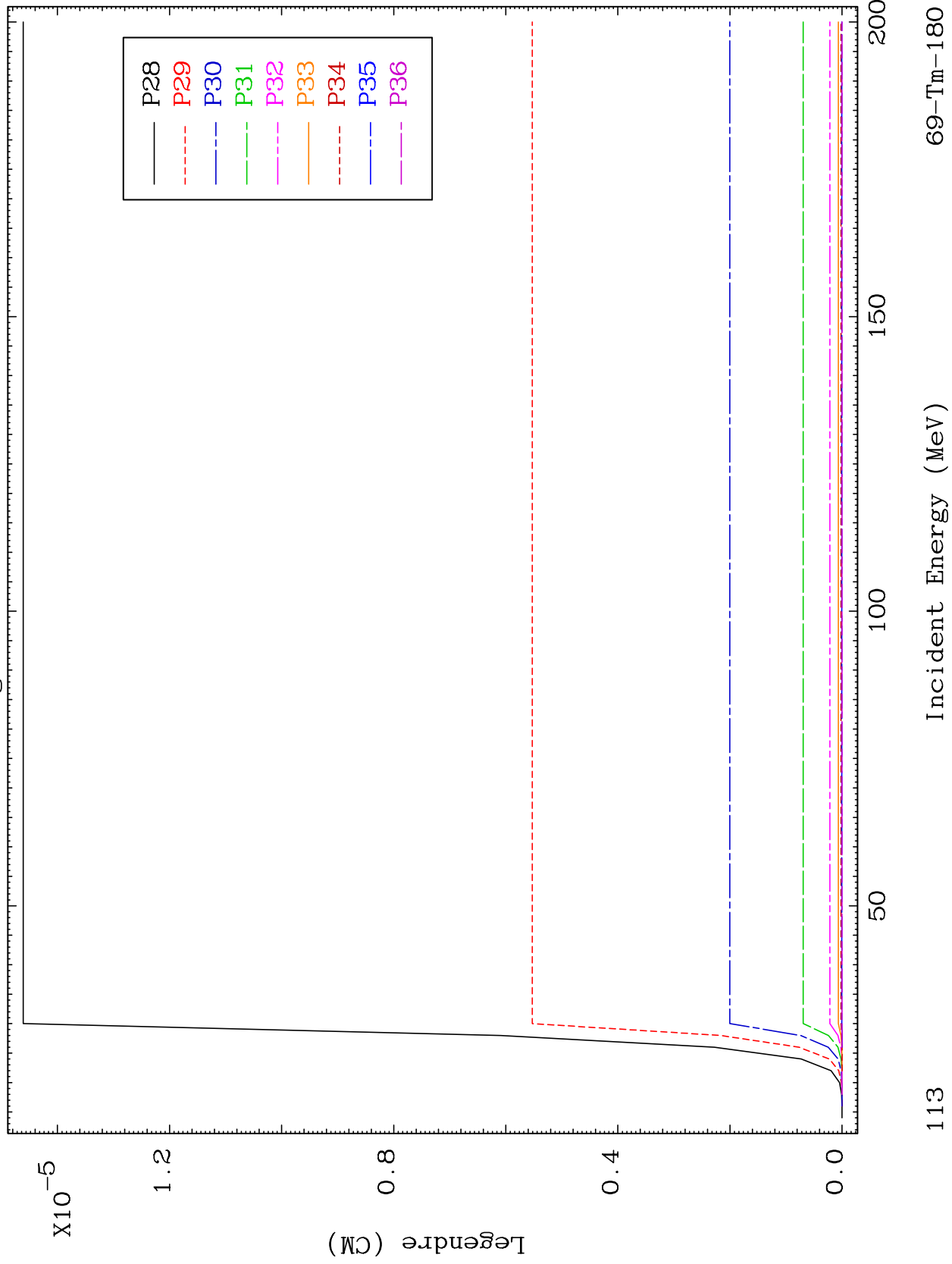
Incident Energy (MeV)

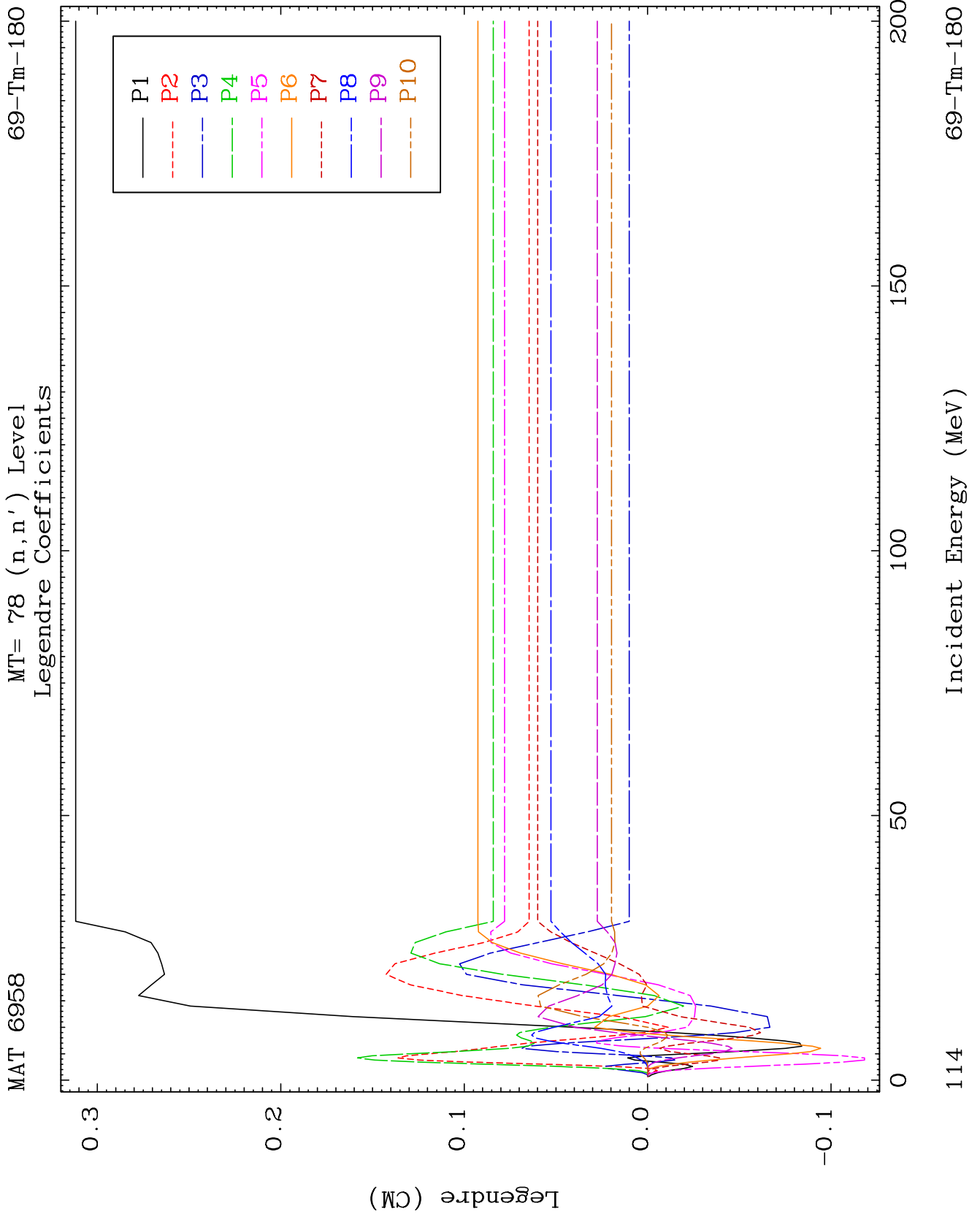
69-Tm-180

MAT 6958

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

69-Tm-180

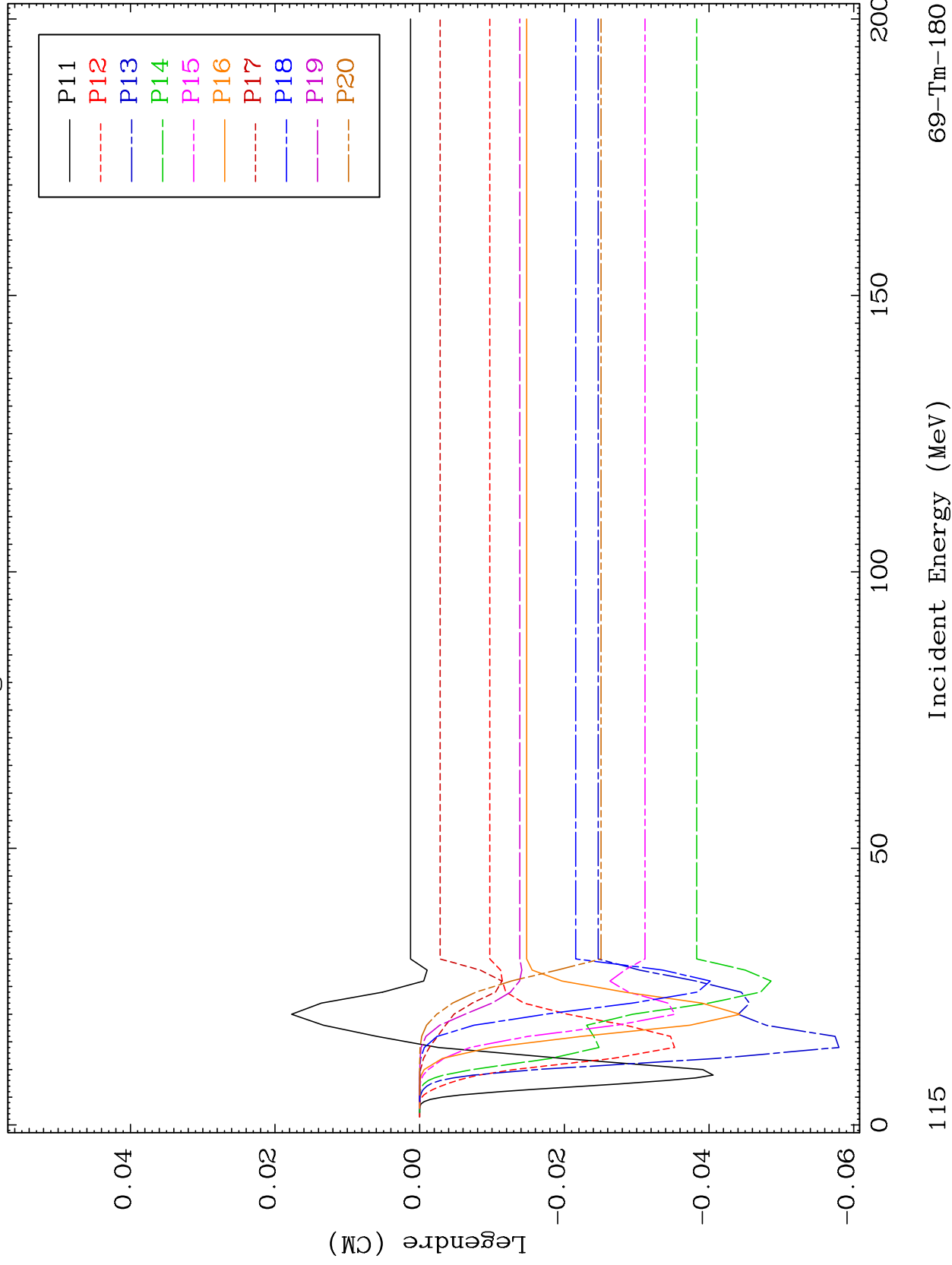




MAT 6958

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

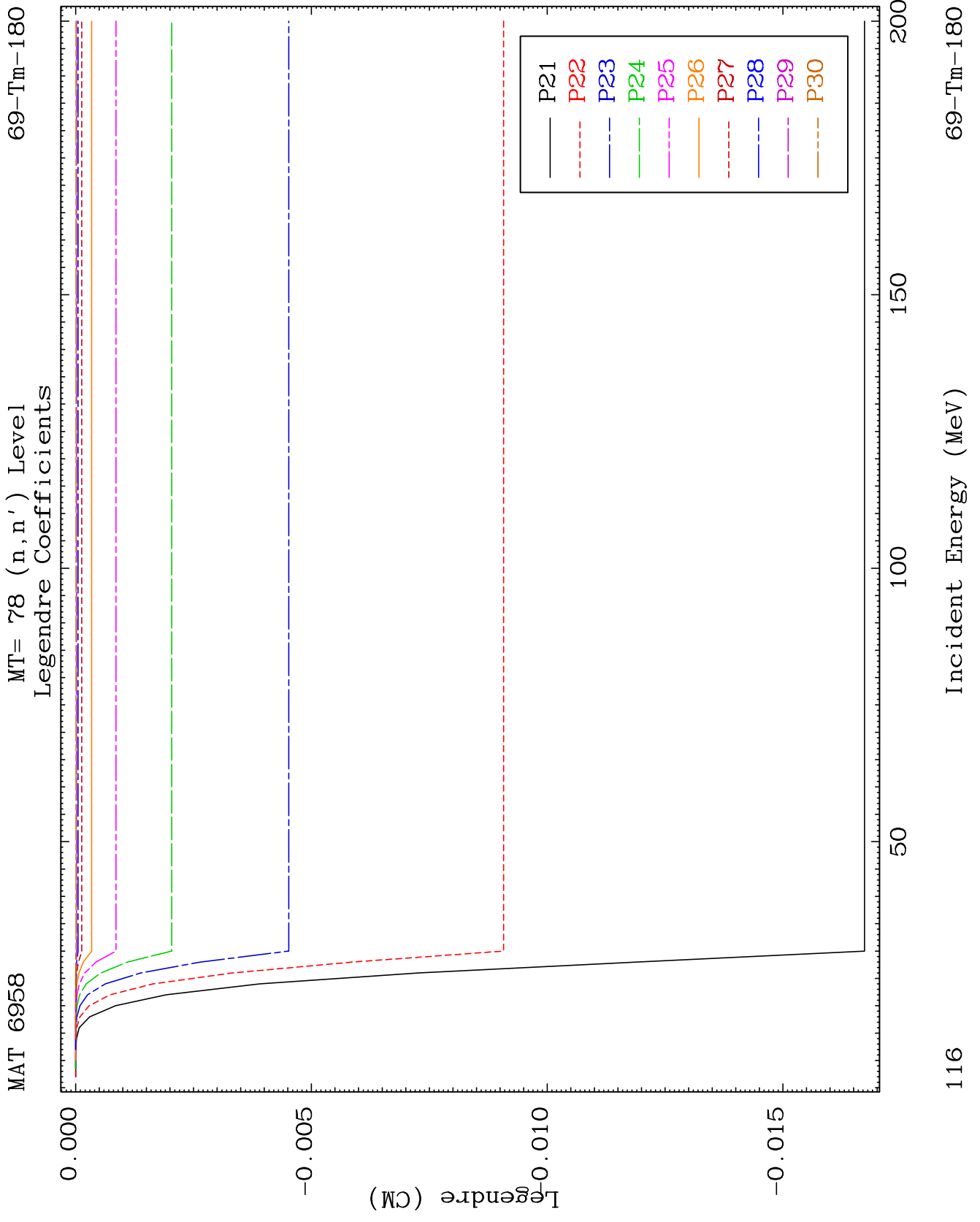
69-Tm-180

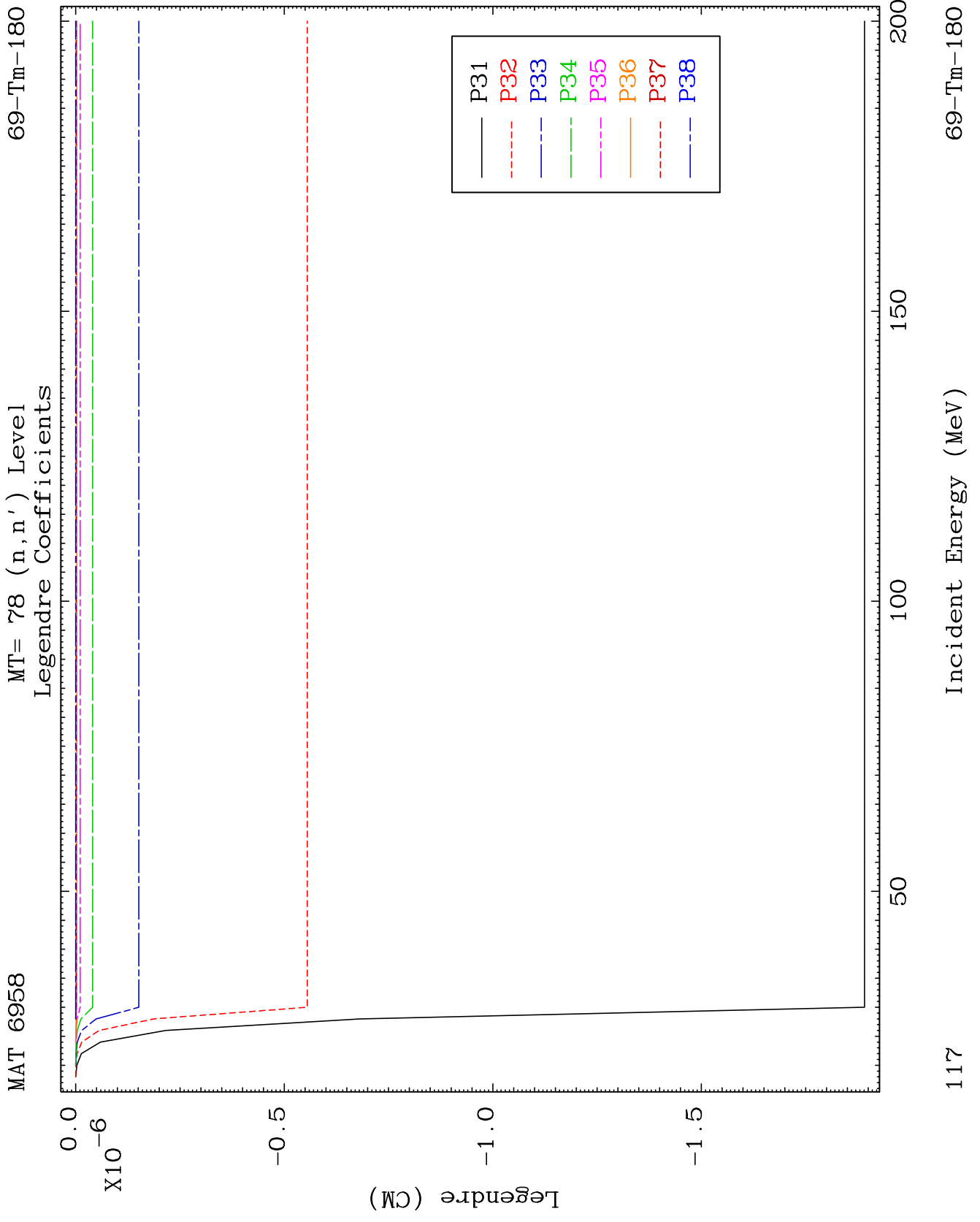


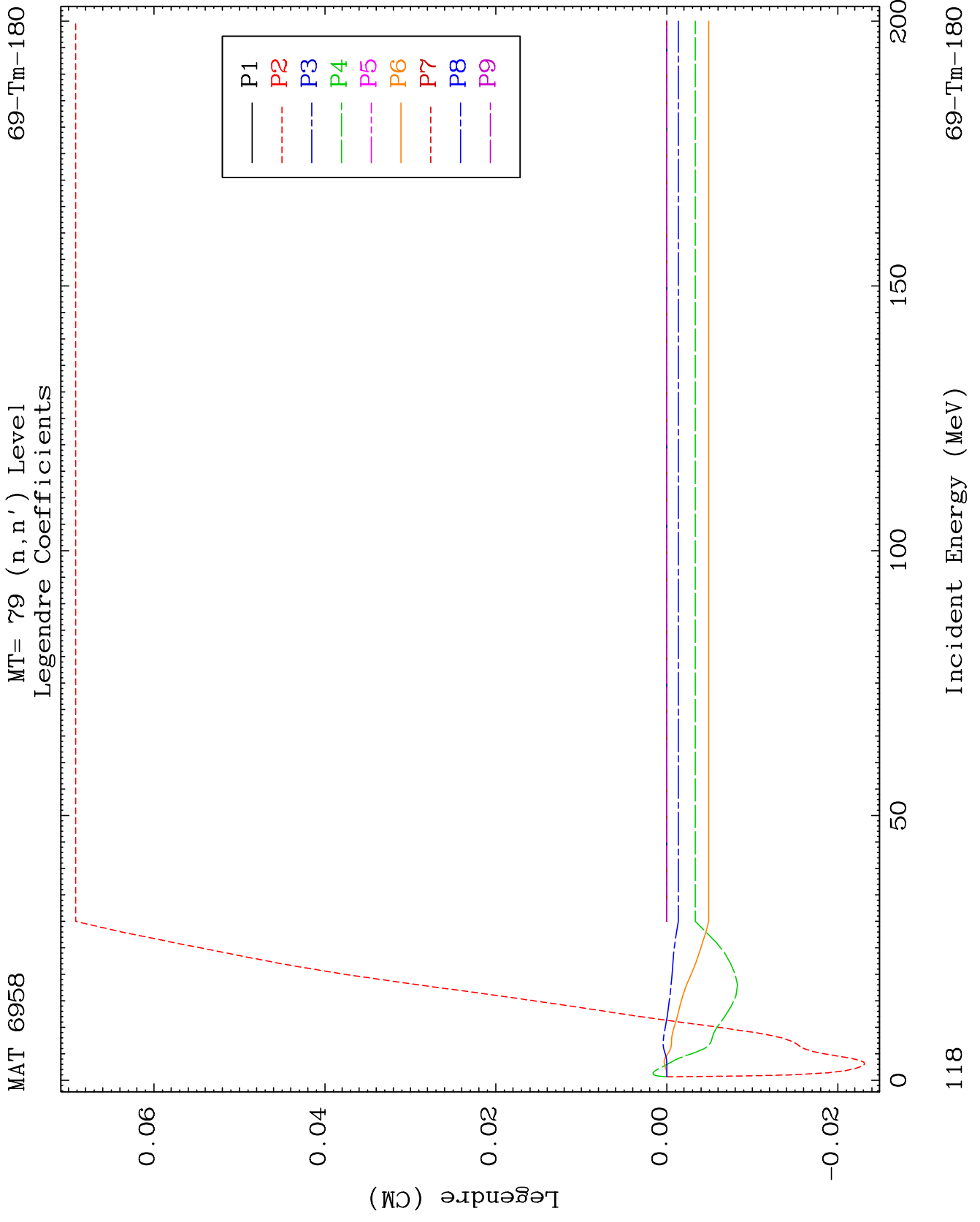
69-Tm-180

Incident Energy (MeV)

115



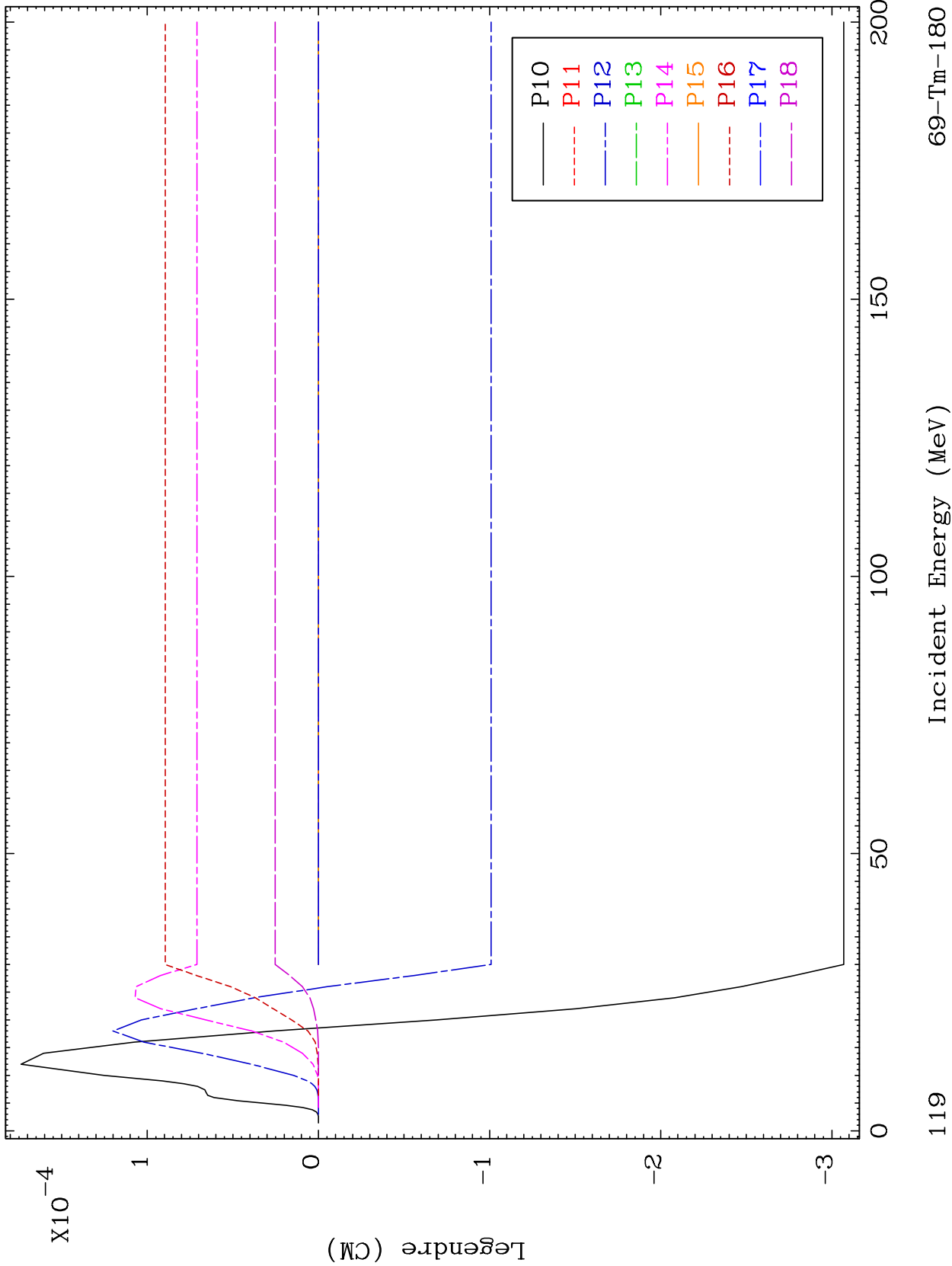




MAT 6958

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

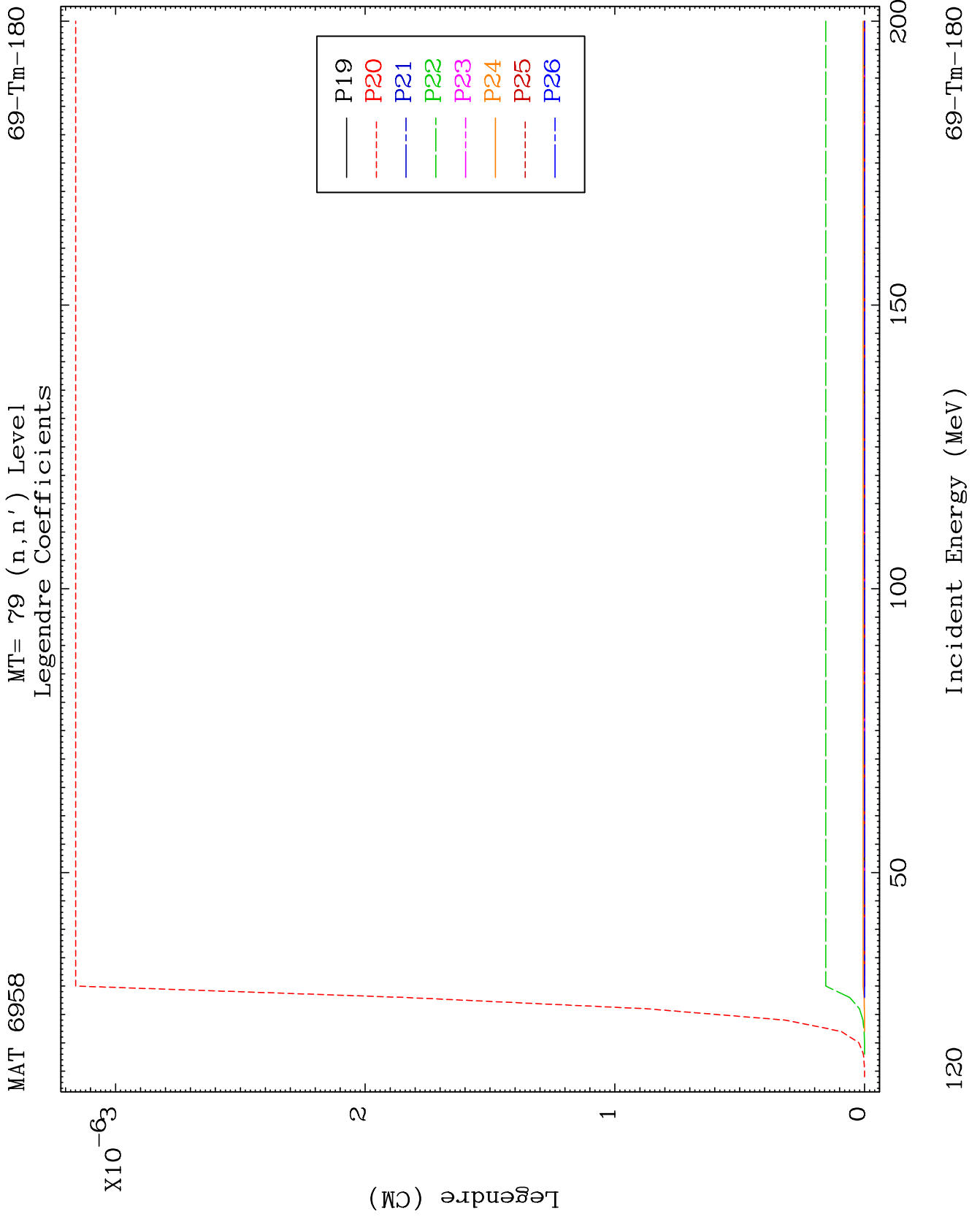
69-Tm-180



119

Incident Energy (MeV)

69-Tm-180

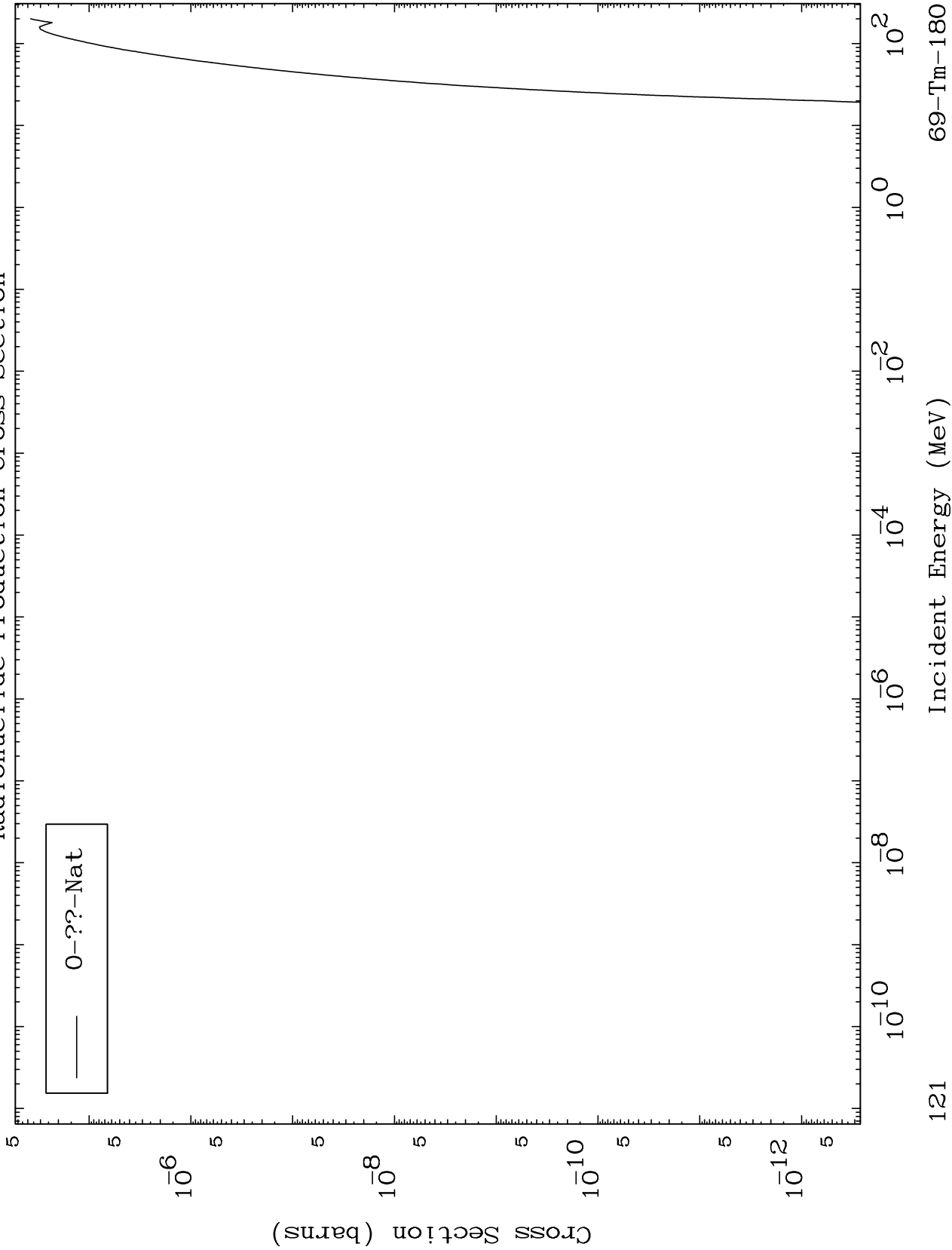


MAT 6958

Fission

⁶⁹Tm-180

Radionuclide Production Cross Section



121

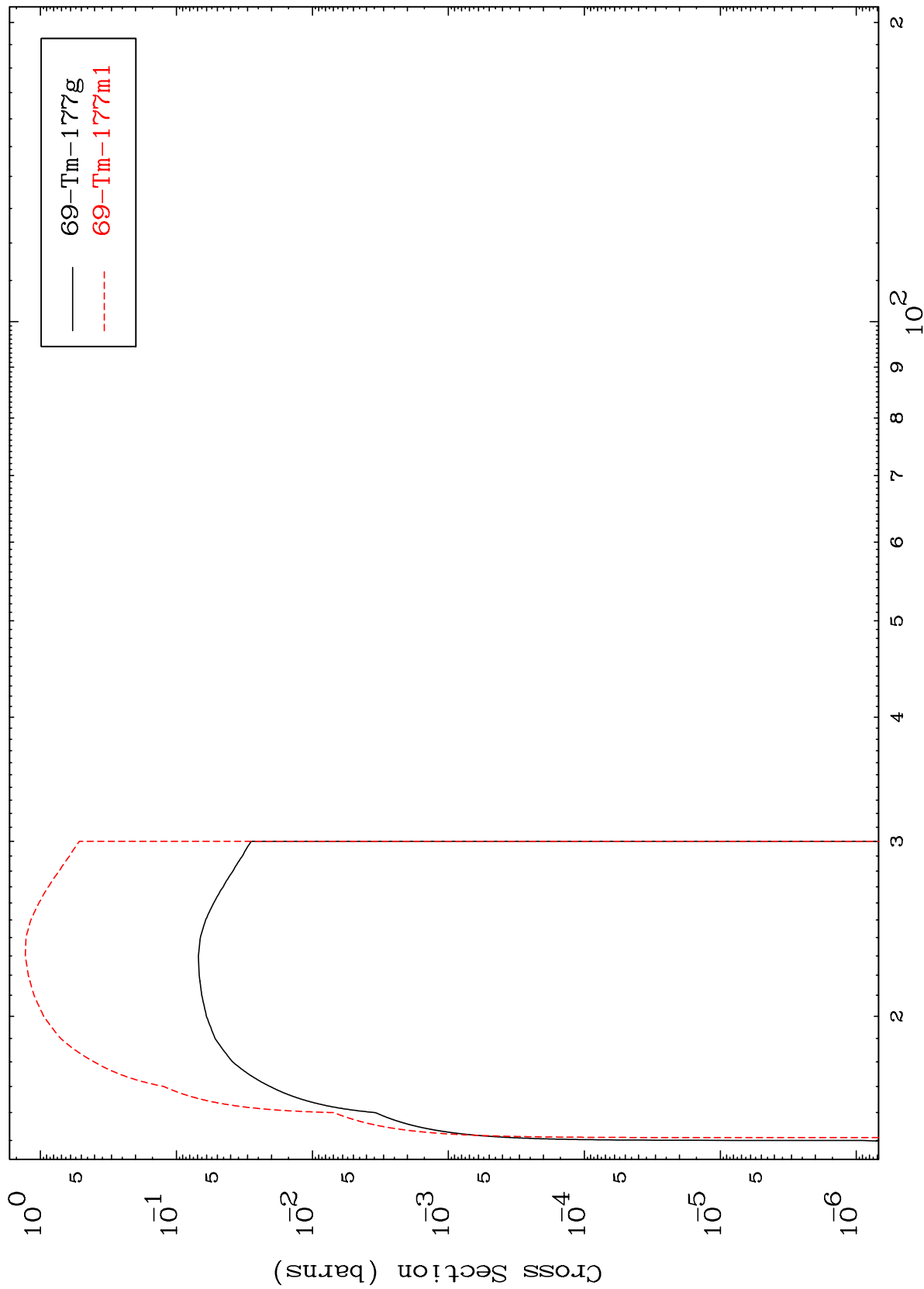
Incident Energy (MeV)

⁶⁹Tm-180

MAT 6958

69-Tm-180

(n,4n)
Radionuclide Production Cross Section



122

69-Tm-180

Incident Energy (MeV)