

Program EVALPLOT  
(Version 2018-1)

by

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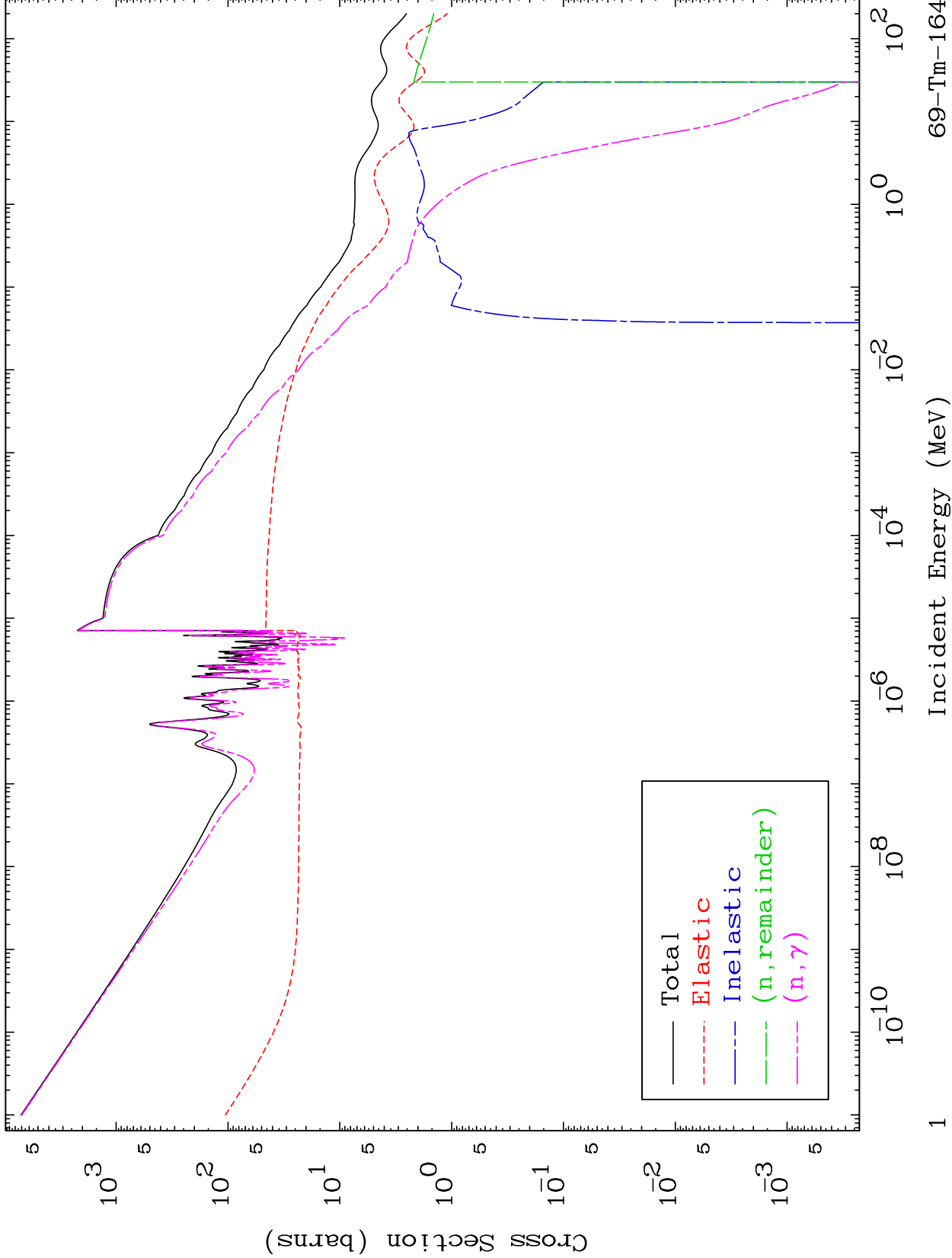
Press Mouse Button to Start

MAT 6910

Major

293 Kelvin Cross Sections

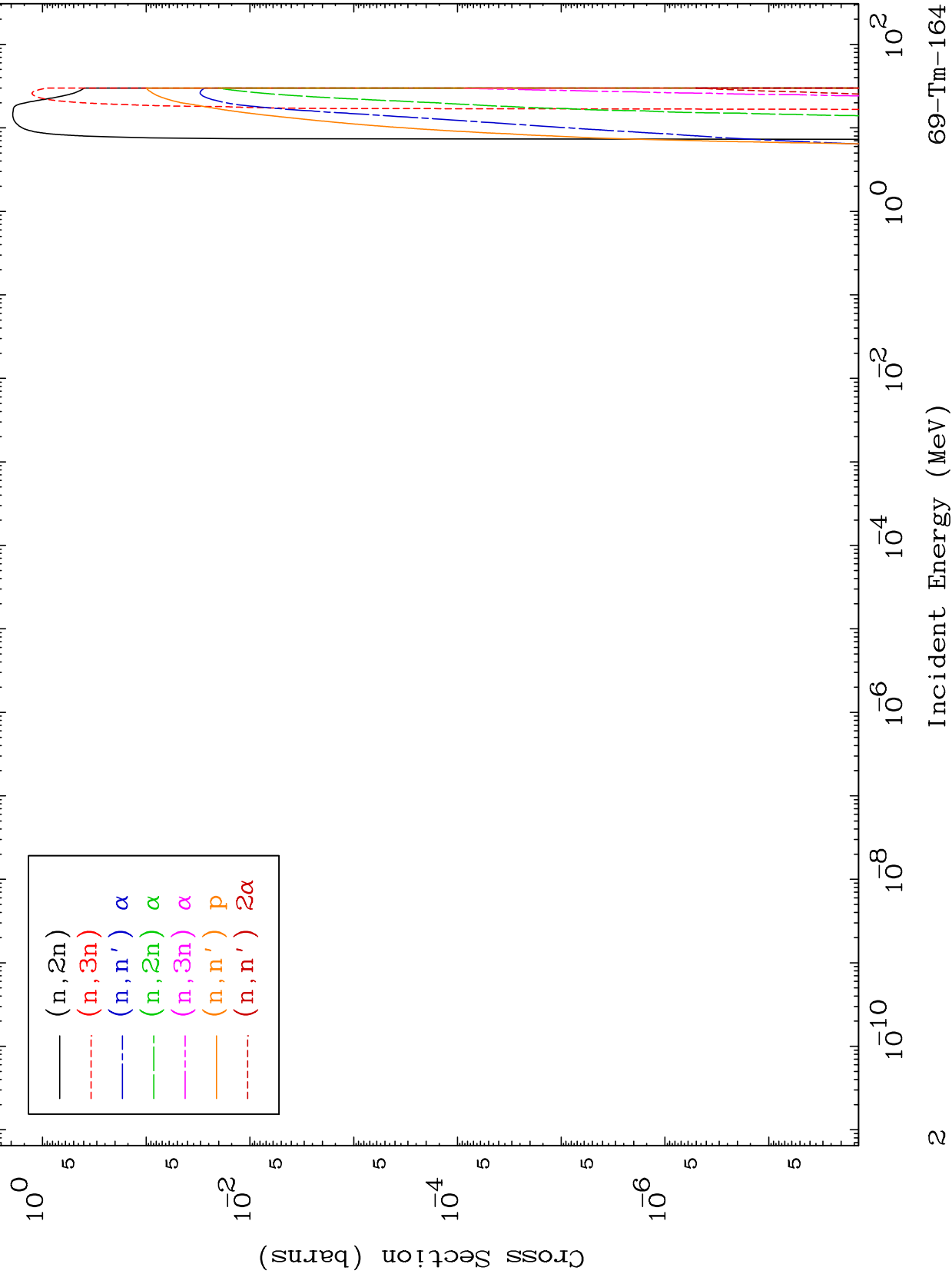
69-Tm-164

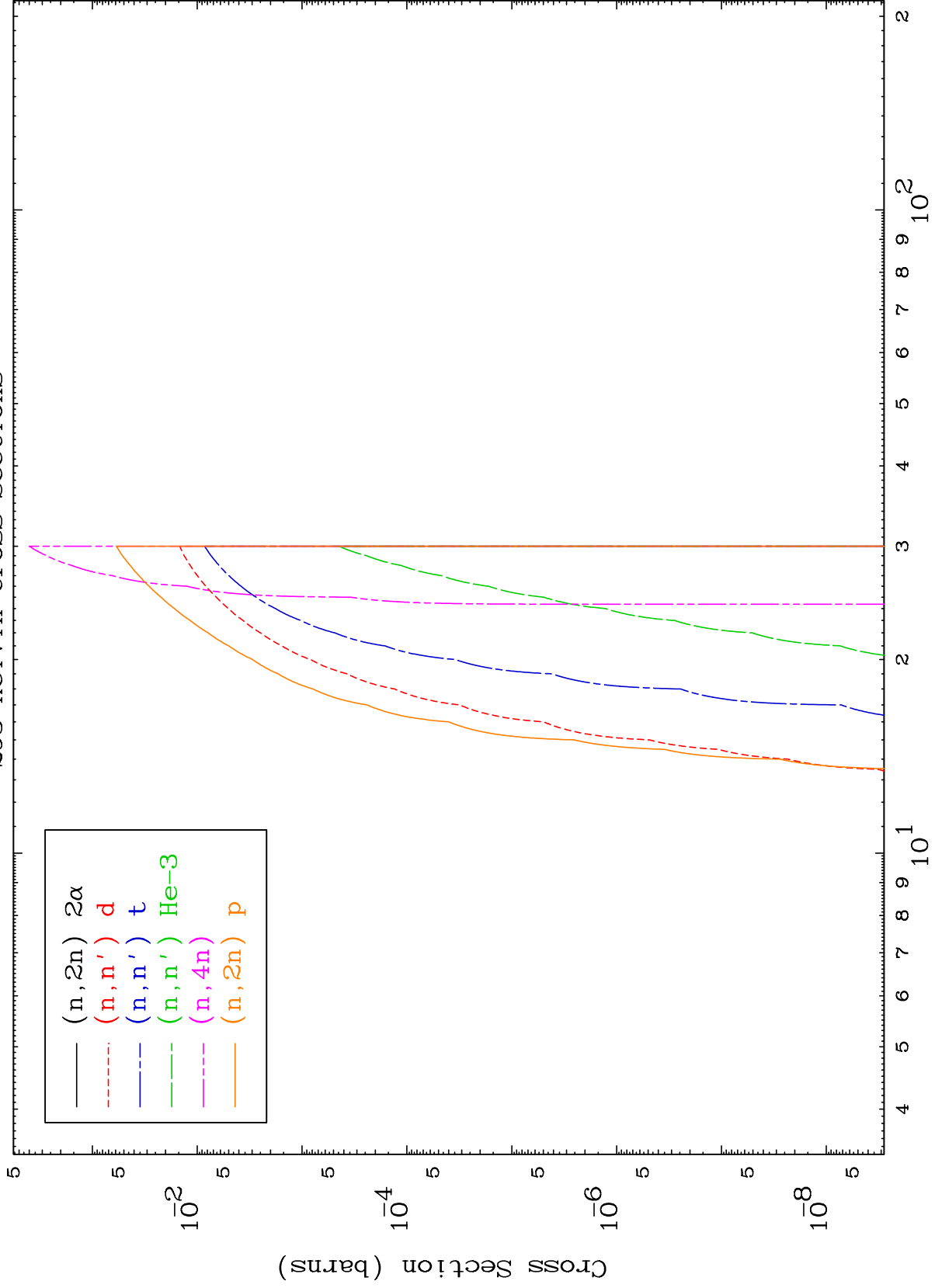


MAT 6910

Neutron Production  
293 Kelvin Cross Sections

69-Tm-164

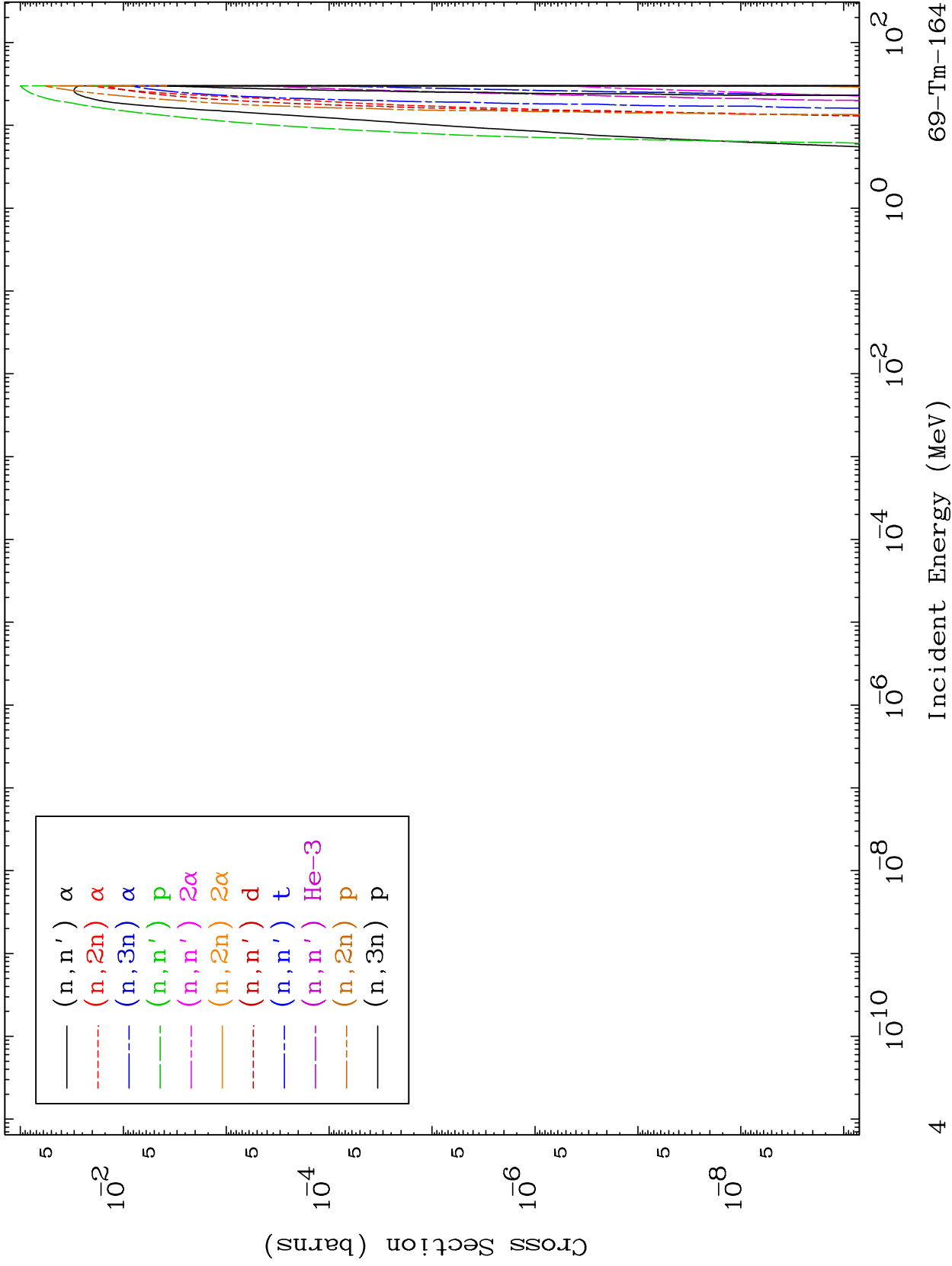




MAT 6910

Charged Particle  
293 Kelvin Cross Sections

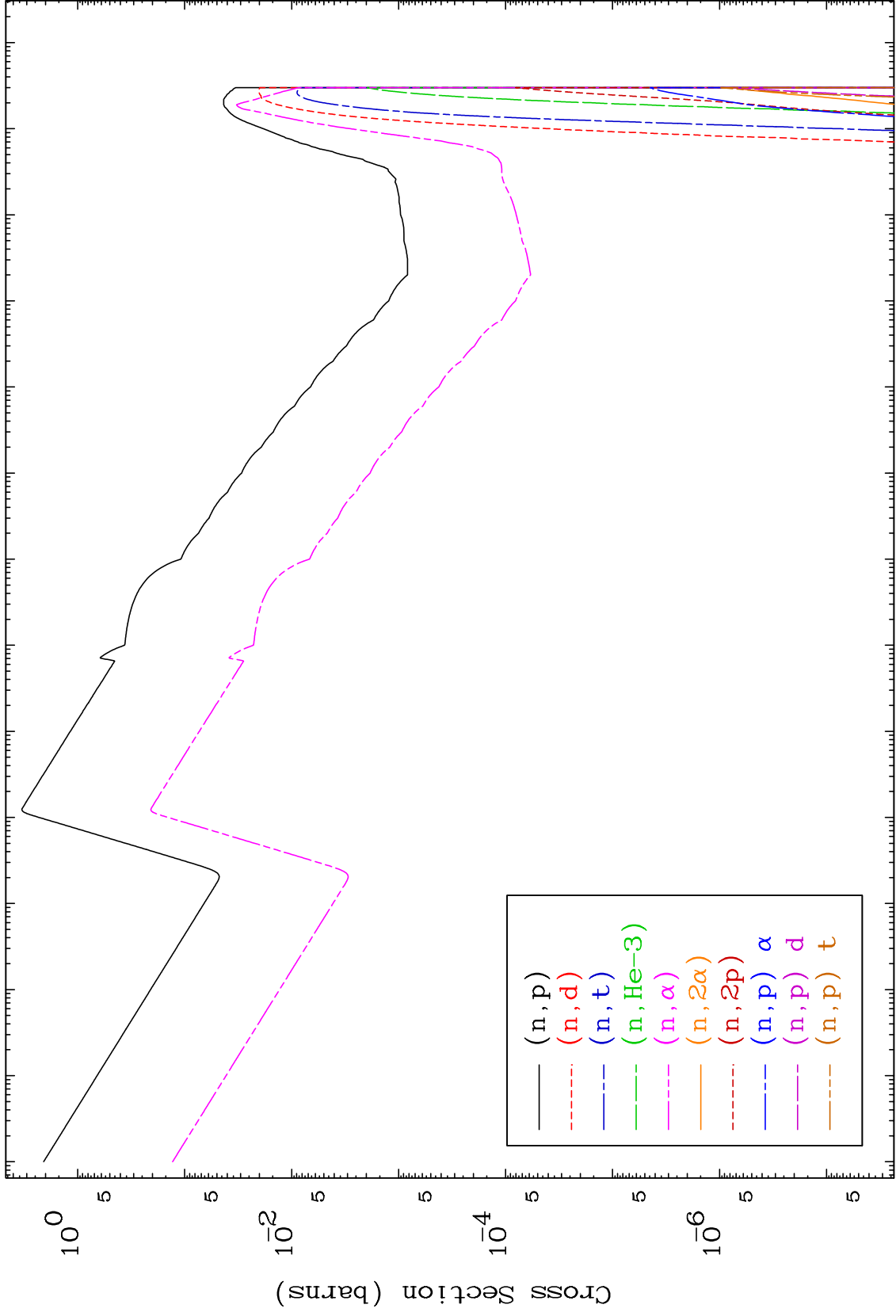
69-Tm-164



MAT 6910

Charged Particle  
293 Kelvin Cross Sections

69-Tm-164



5

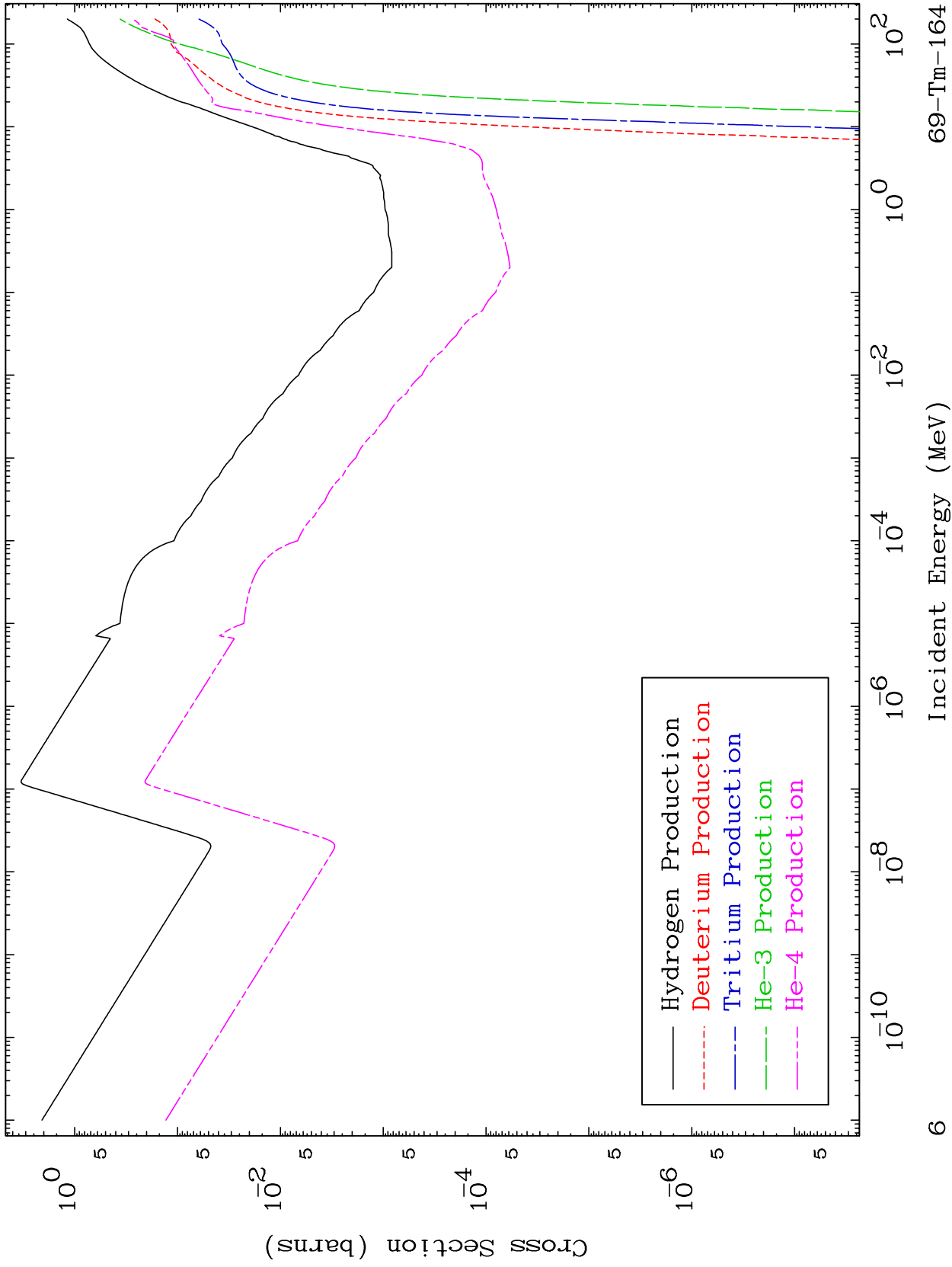
Incident Energy (MeV)

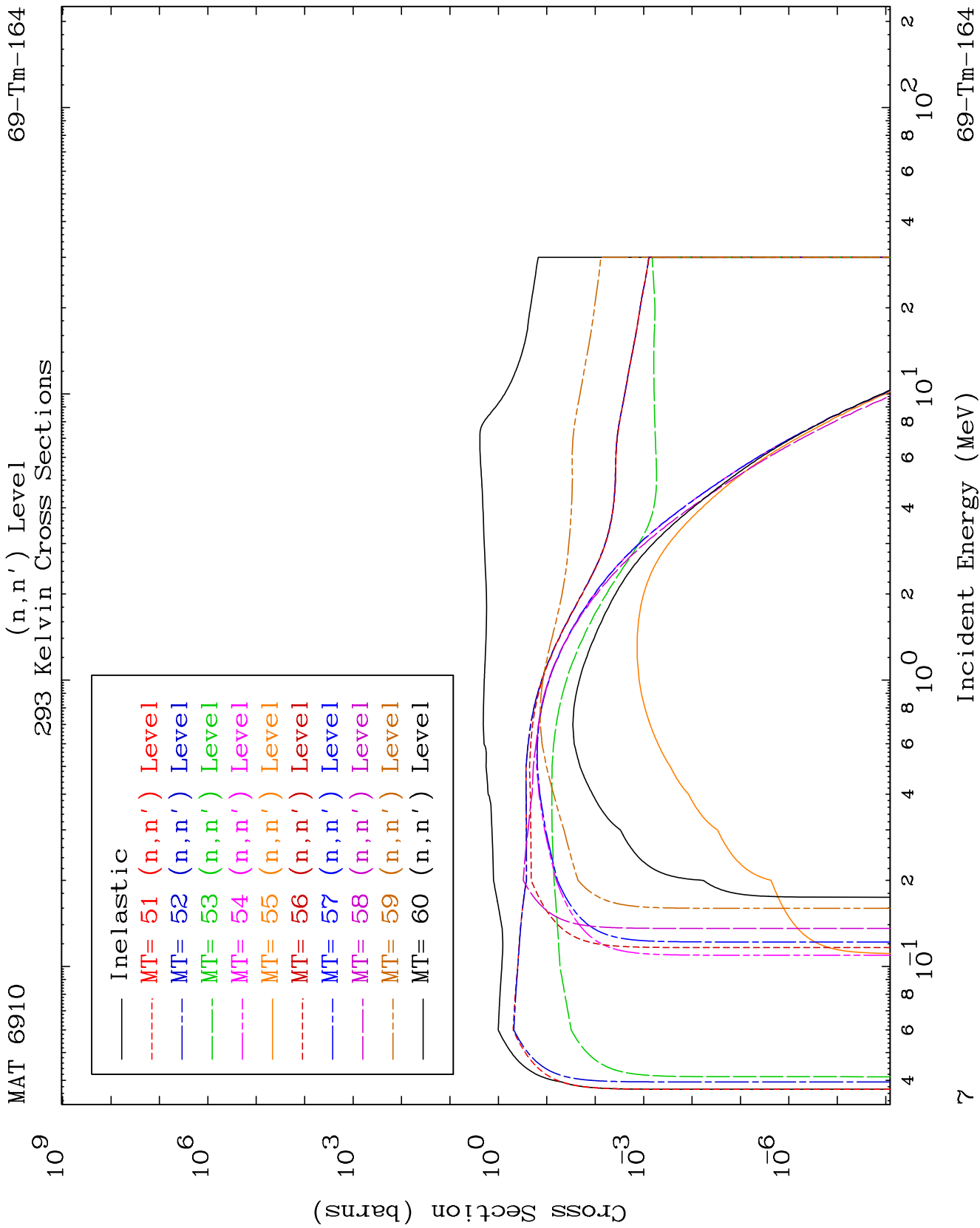
69-Tm-164

MAT 6910

Particle Production  
293 Kelvin Cross Sections

69-Tm-164





—	Inelastic
- - -	MT= 51 (n, n') Level
- · - ·	MT= 52 (n, n') Level
- - -	MT= 53 (n, n') Level
- · - ·	MT= 54 (n, n') Level
- - -	MT= 55 (n, n') Level
- · - ·	MT= 56 (n, n') Level
- - -	MT= 57 (n, n') Level
- · - ·	MT= 58 (n, n') Level
- - -	MT= 59 (n, n') Level
- · - ·	MT= 60 (n, n') Level

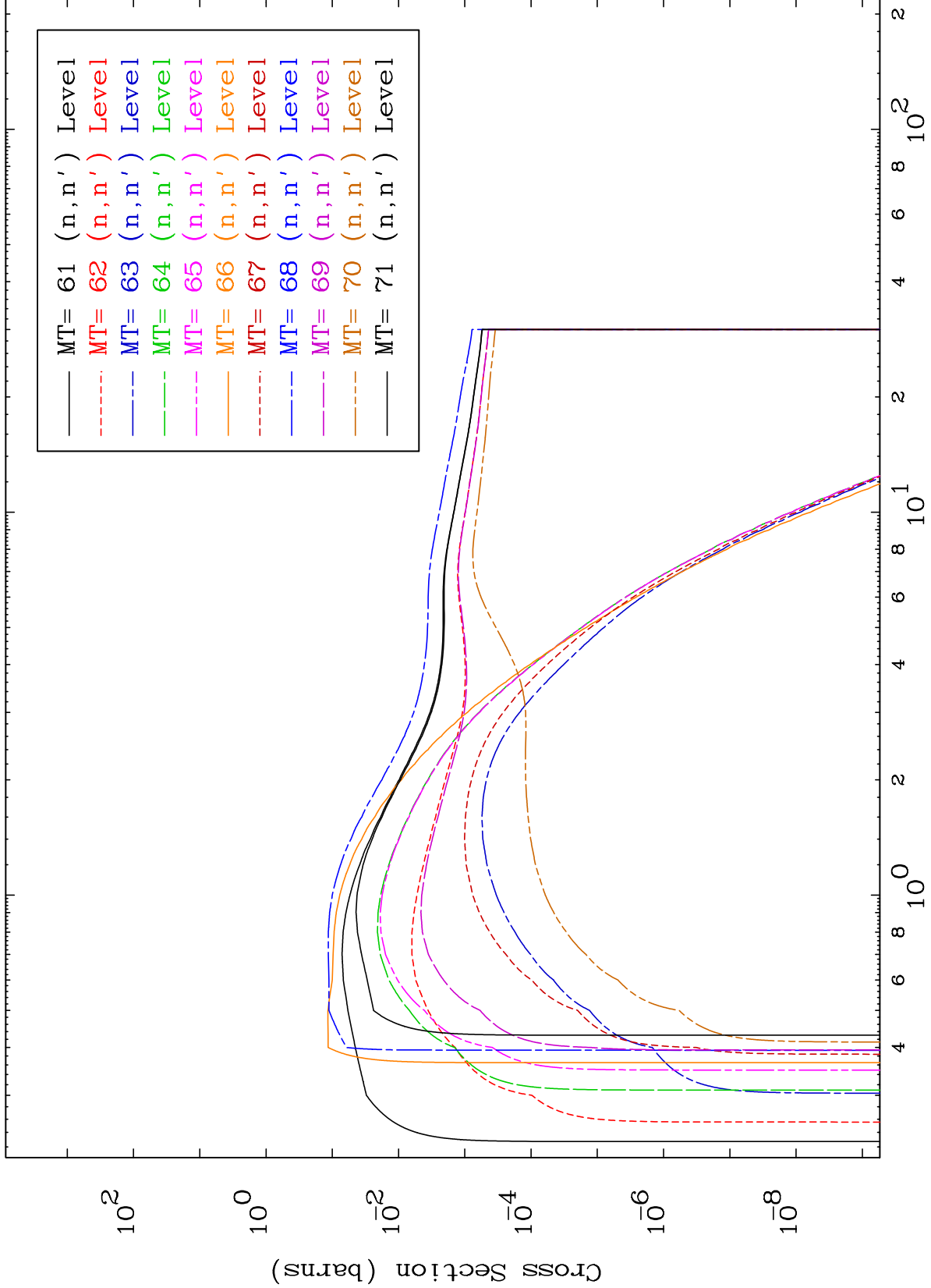


MAT 6910

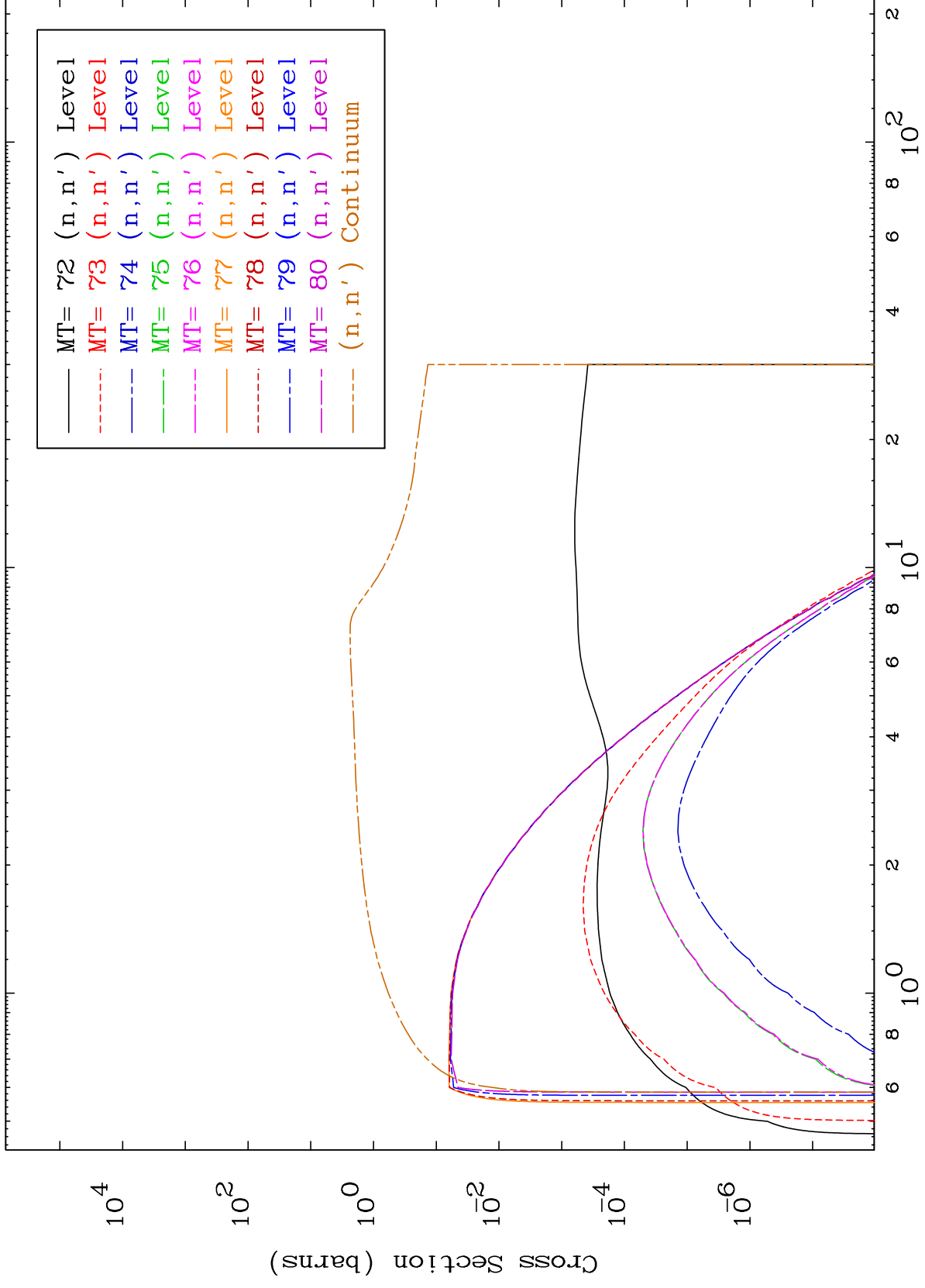
(n,n') Level

293 Kelvin Cross Sections

69-Tm-164



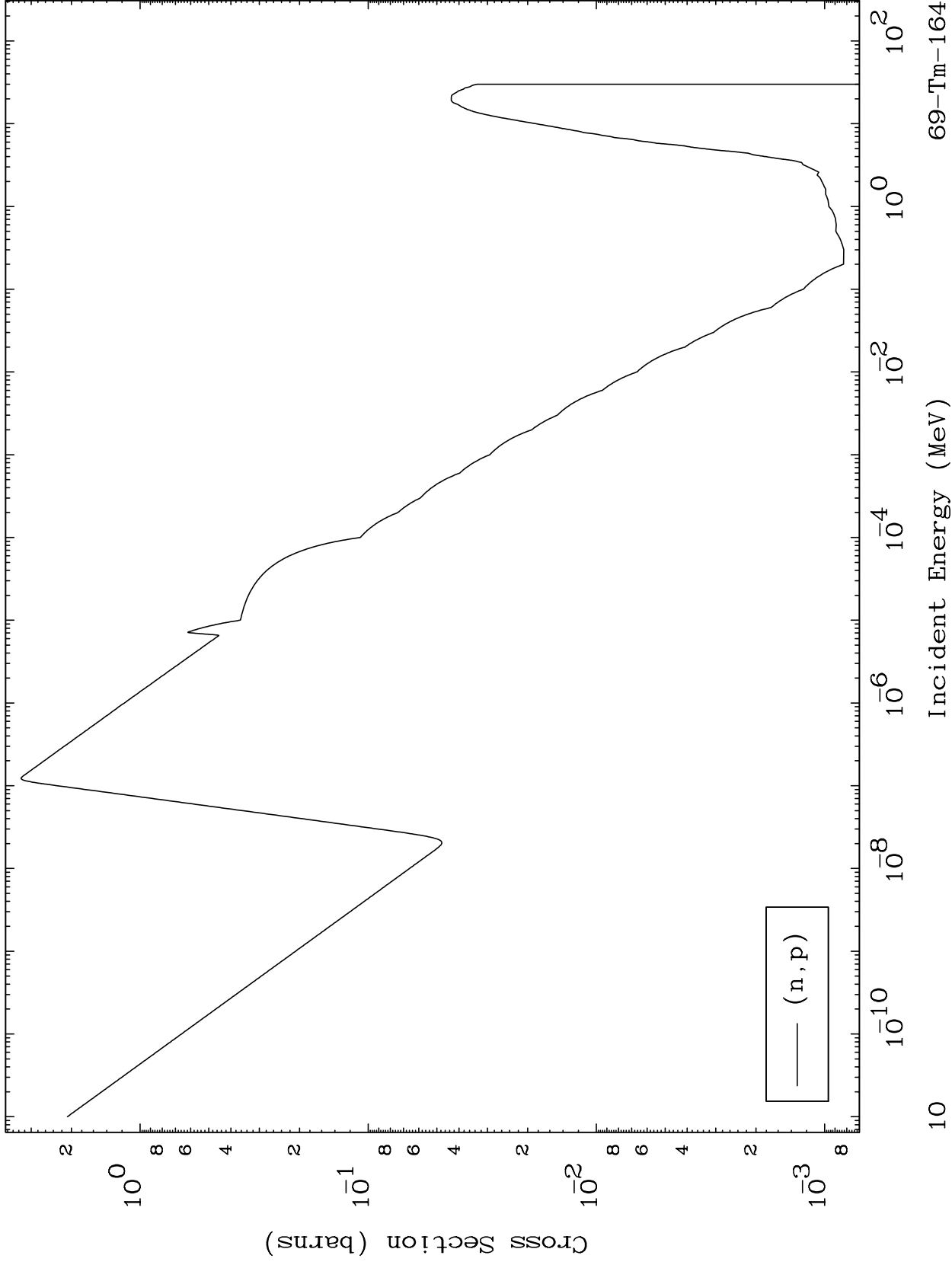
293 Kelvin Cross Sections



MAT 6910

(n,p) Levels  
293 Kelvin Cross Sections

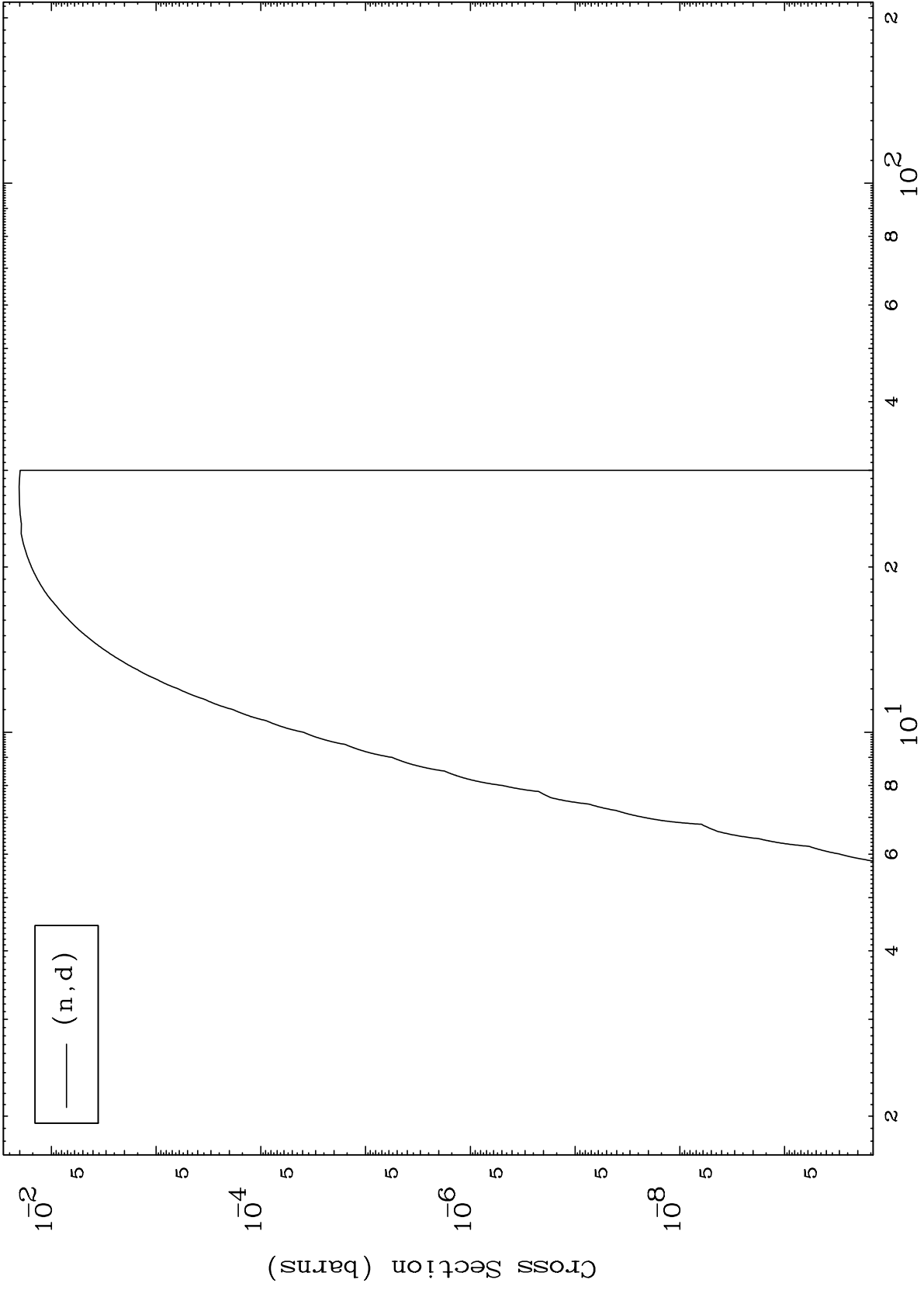
69-Tm-164



MAT 6910

(n,d) Levels  
293 Kelvin Cross Sections

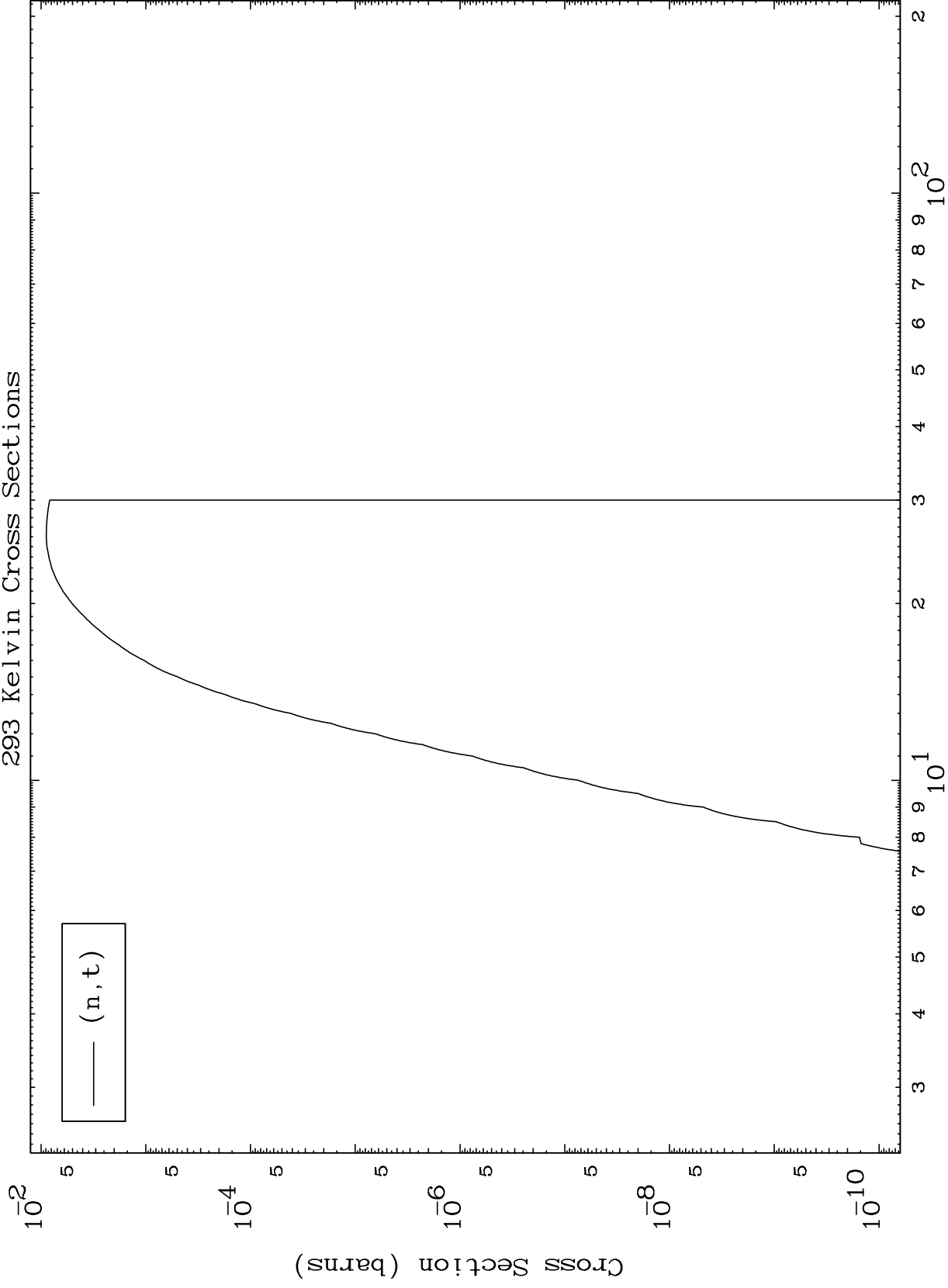
69-Tm-164



MAT 6910

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-164



12

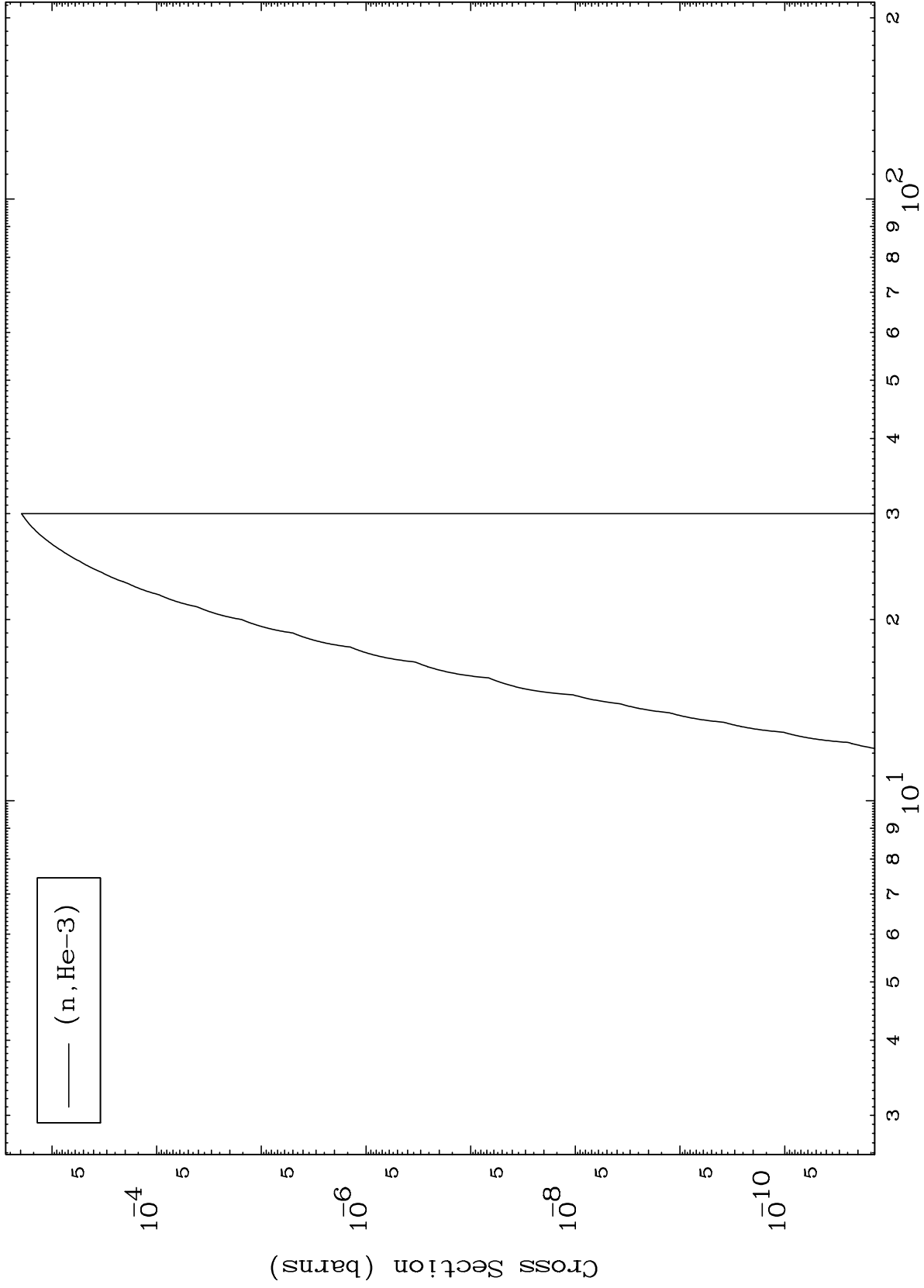
Incident Energy (MeV)

69-Tm-164

MAT 6910

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-164



13

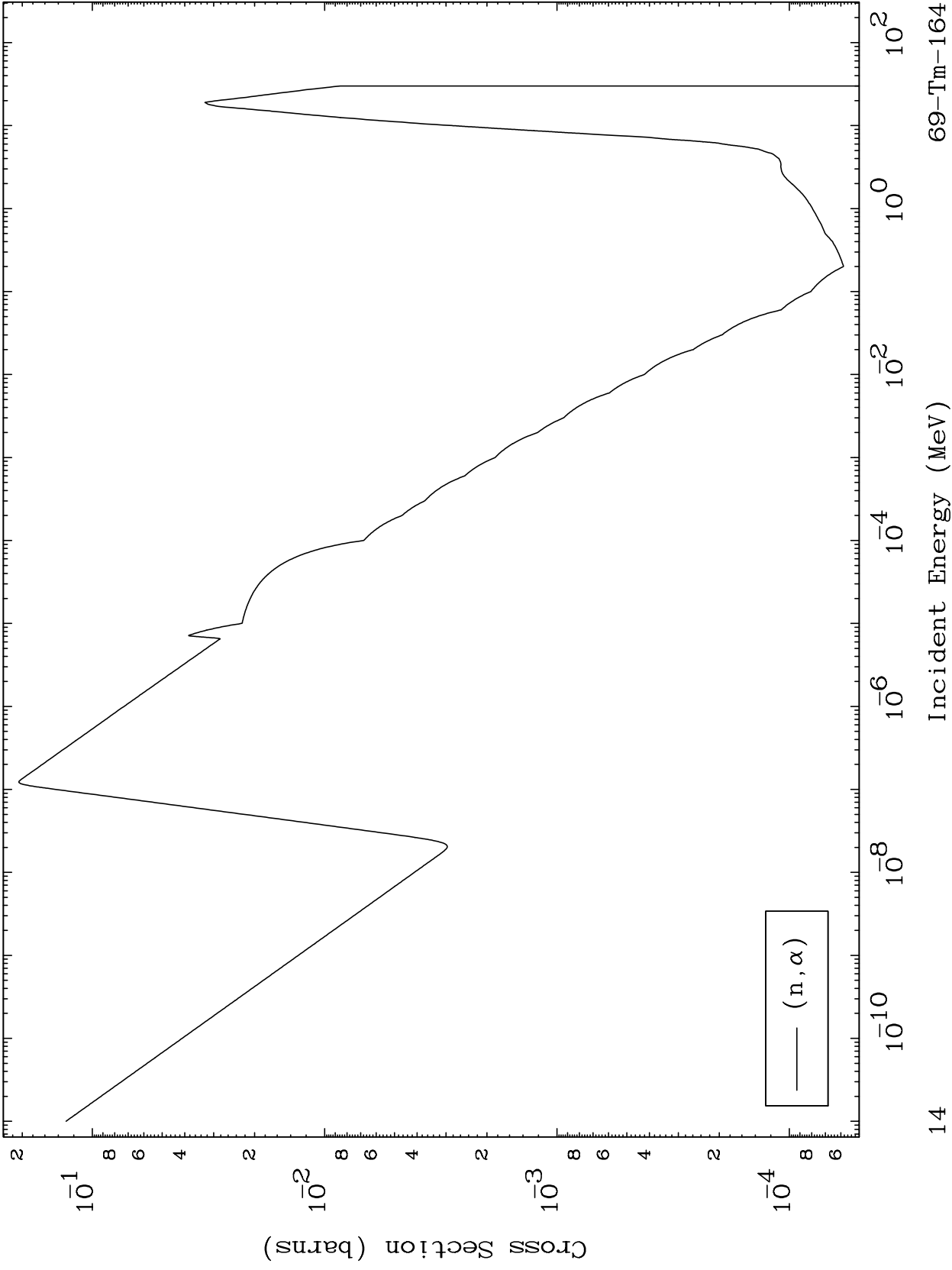
Incident Energy (MeV)

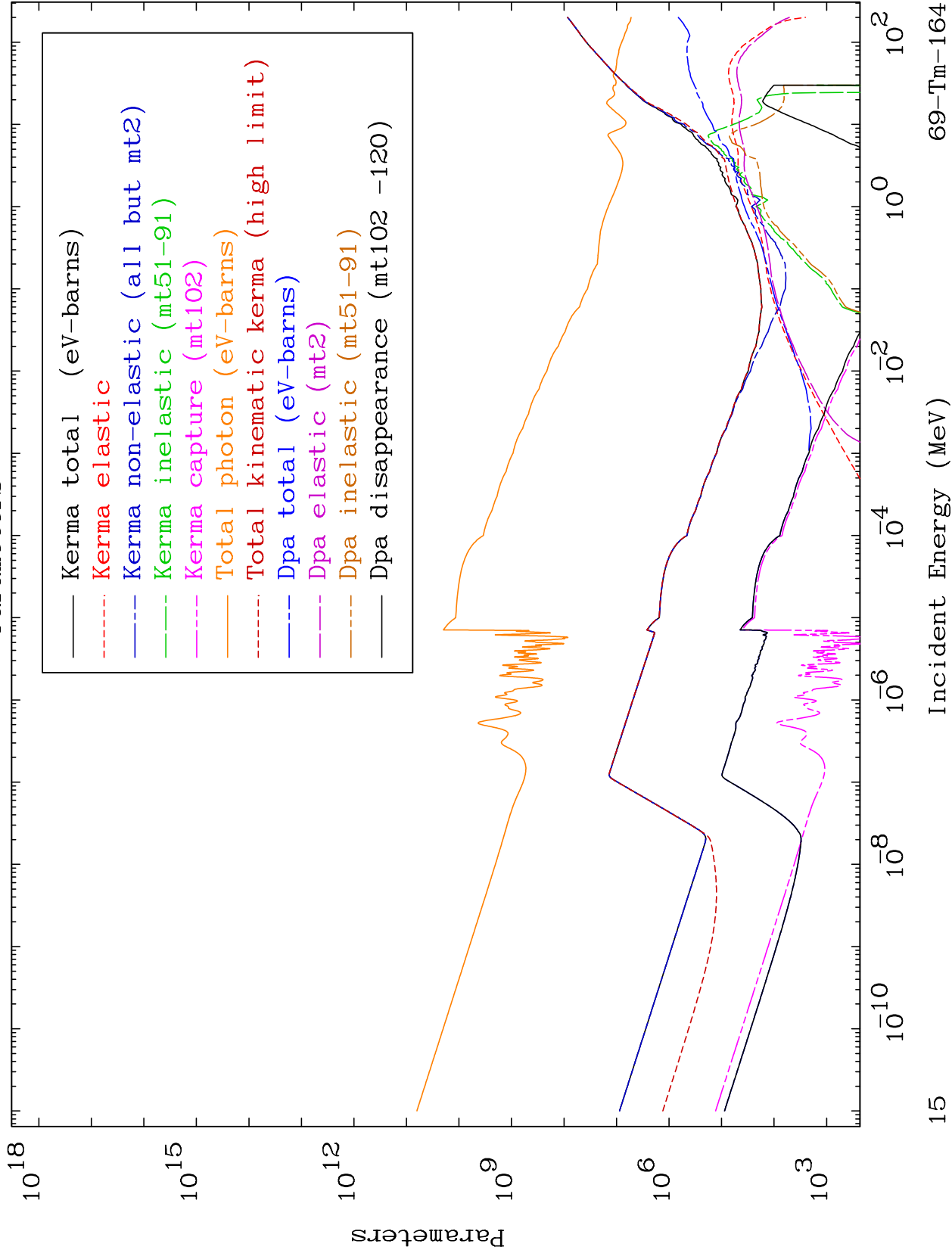
69-Tm-164

MAT 6910

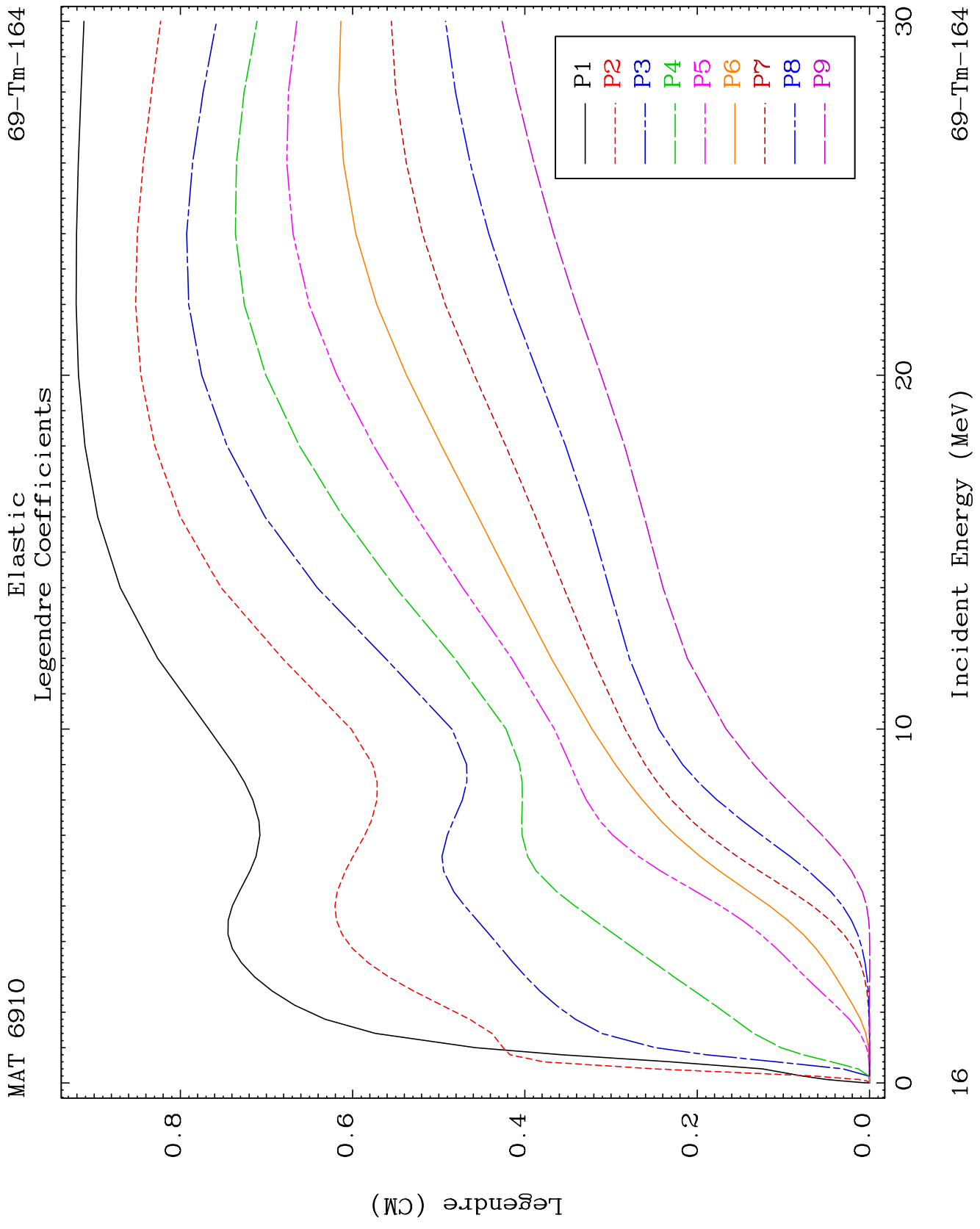
(n,α) Levels  
293 Kelvin Cross Sections

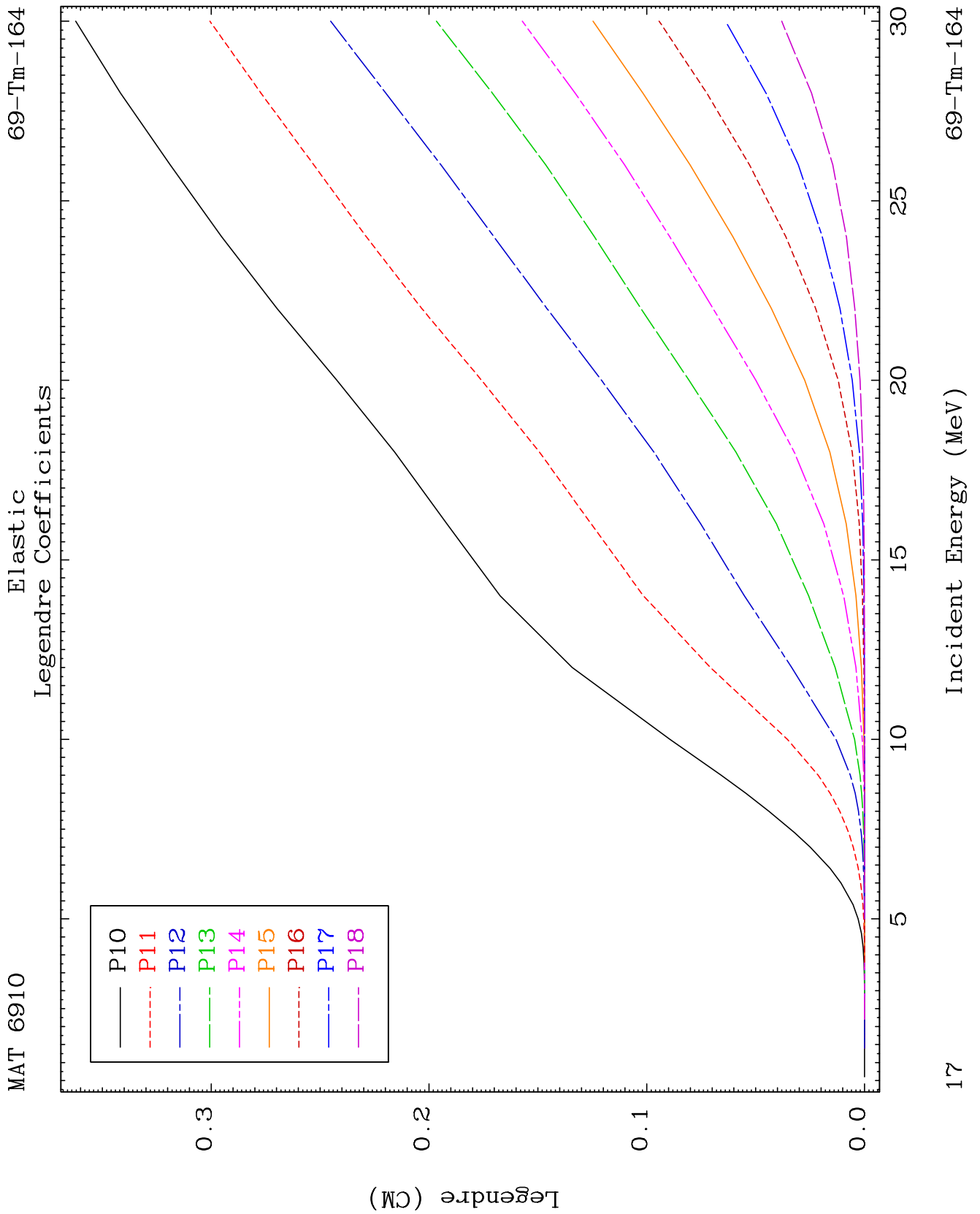
69-Tm-164











MAT 6910

Elastic Legendre Coefficients

69-Tm-164

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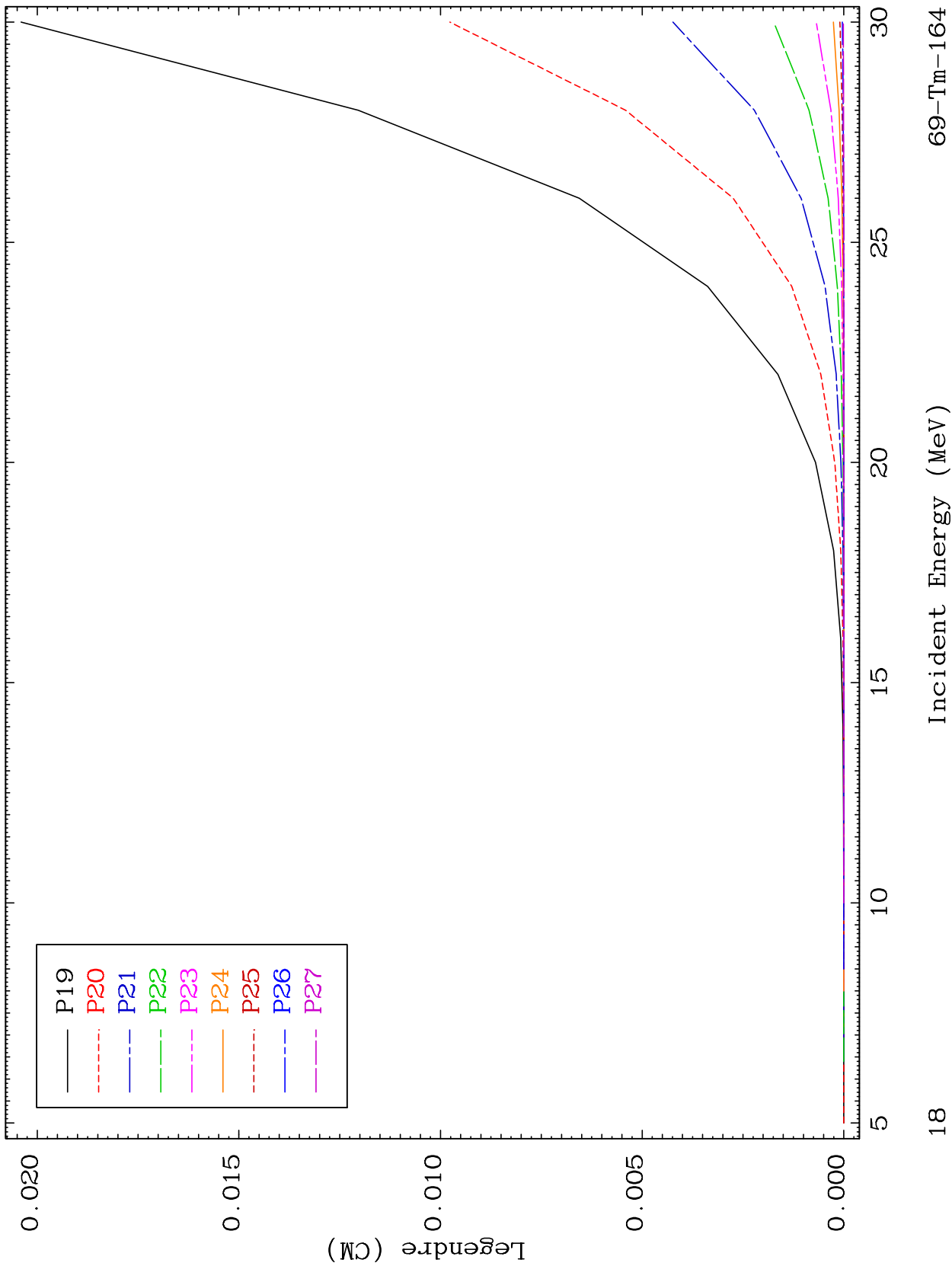
Incident Energy (MeV)

69-Tm-164

MAT 6910

### Elastic Legendre Coefficients

69-Tm-164



69-Tm-164

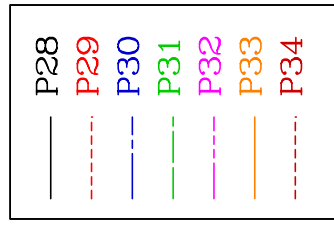
Incident Energy (MeV)

18

MAT 6910

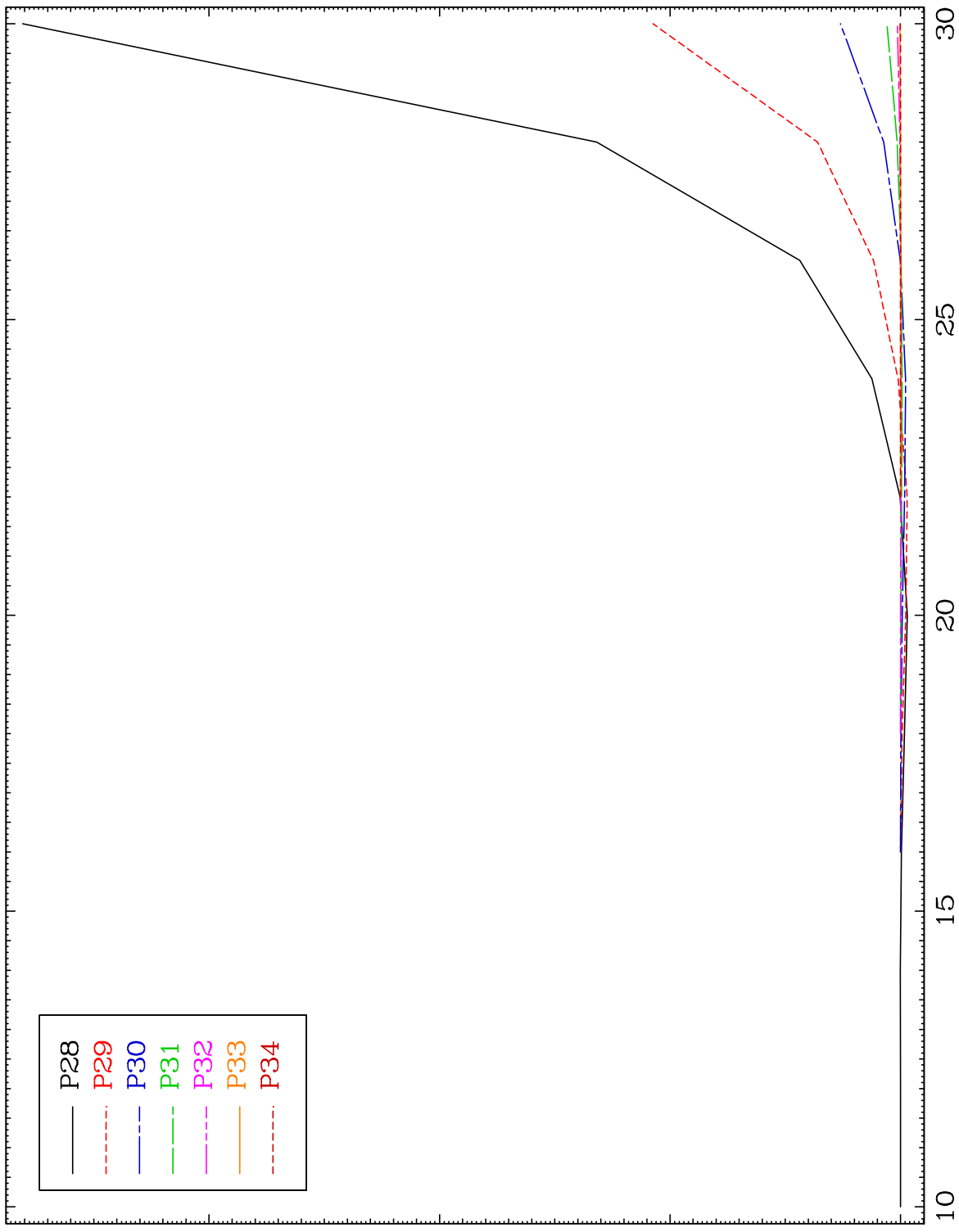
Elastic  
Legendre Coefficients

69-Tm-164



$\times 10^{-6}$

Legendre (CM)



10

15

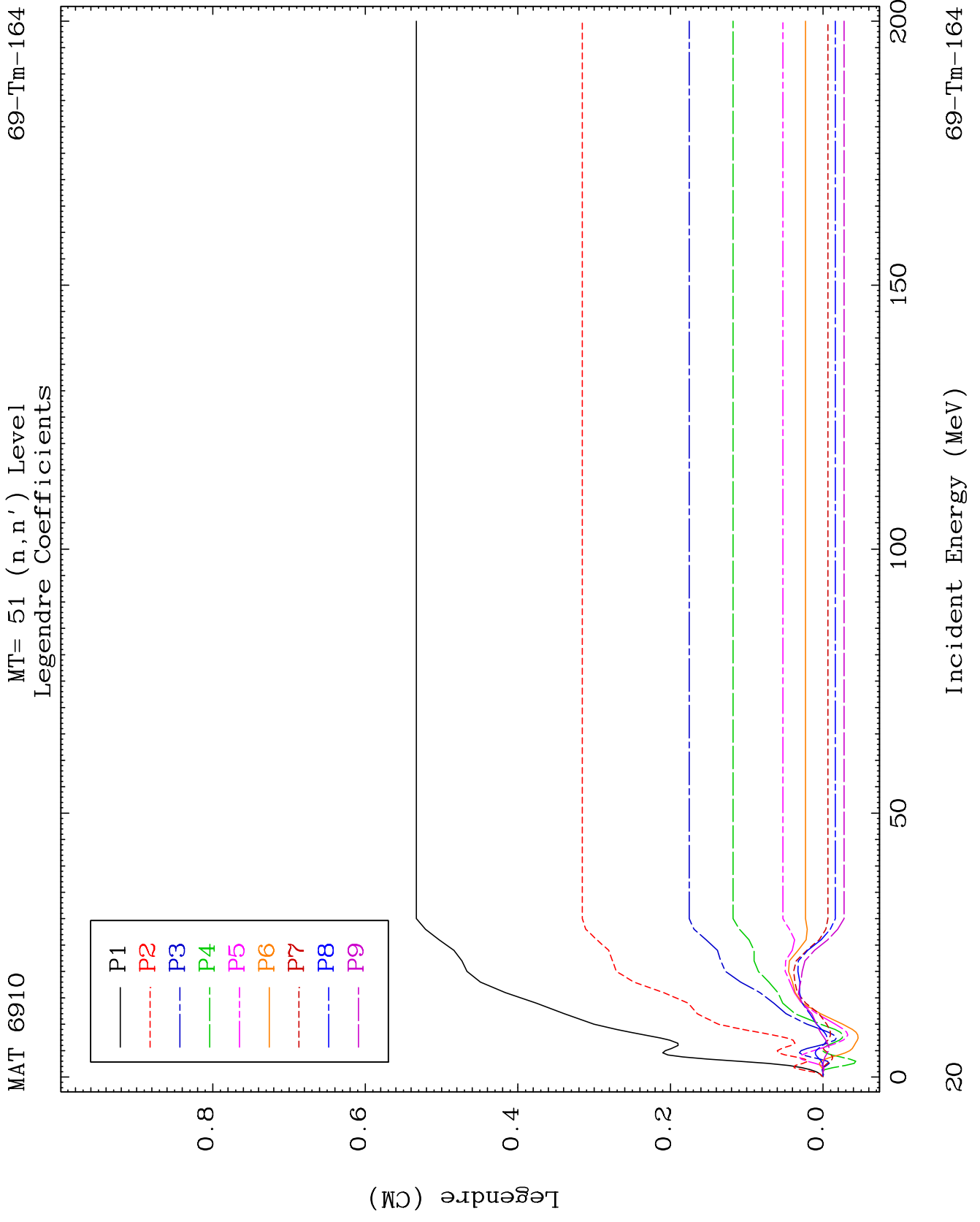
20

25

30

Incident Energy (MeV)

69-Tm-164

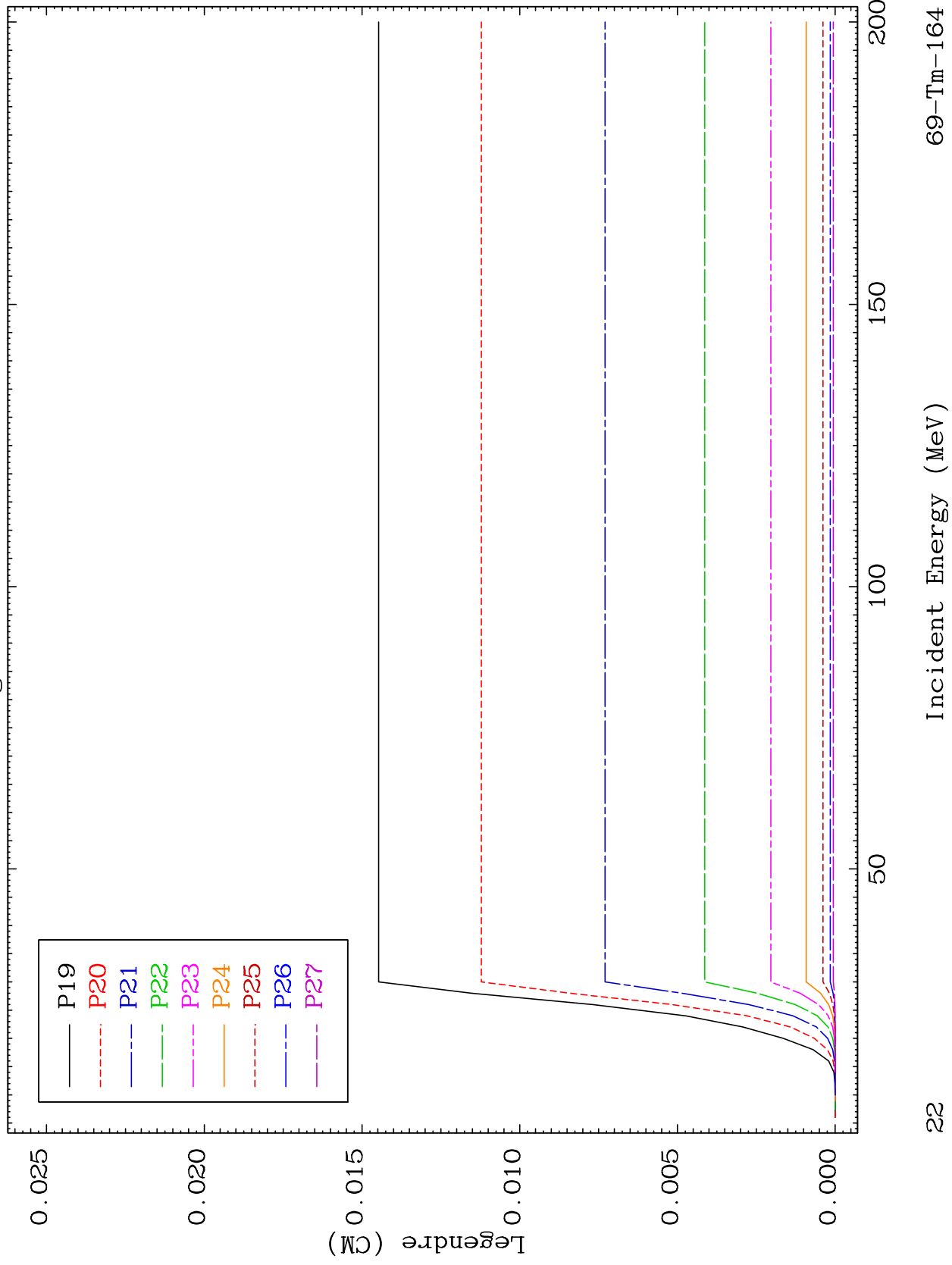




MAT 6910

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

69-Tm-164



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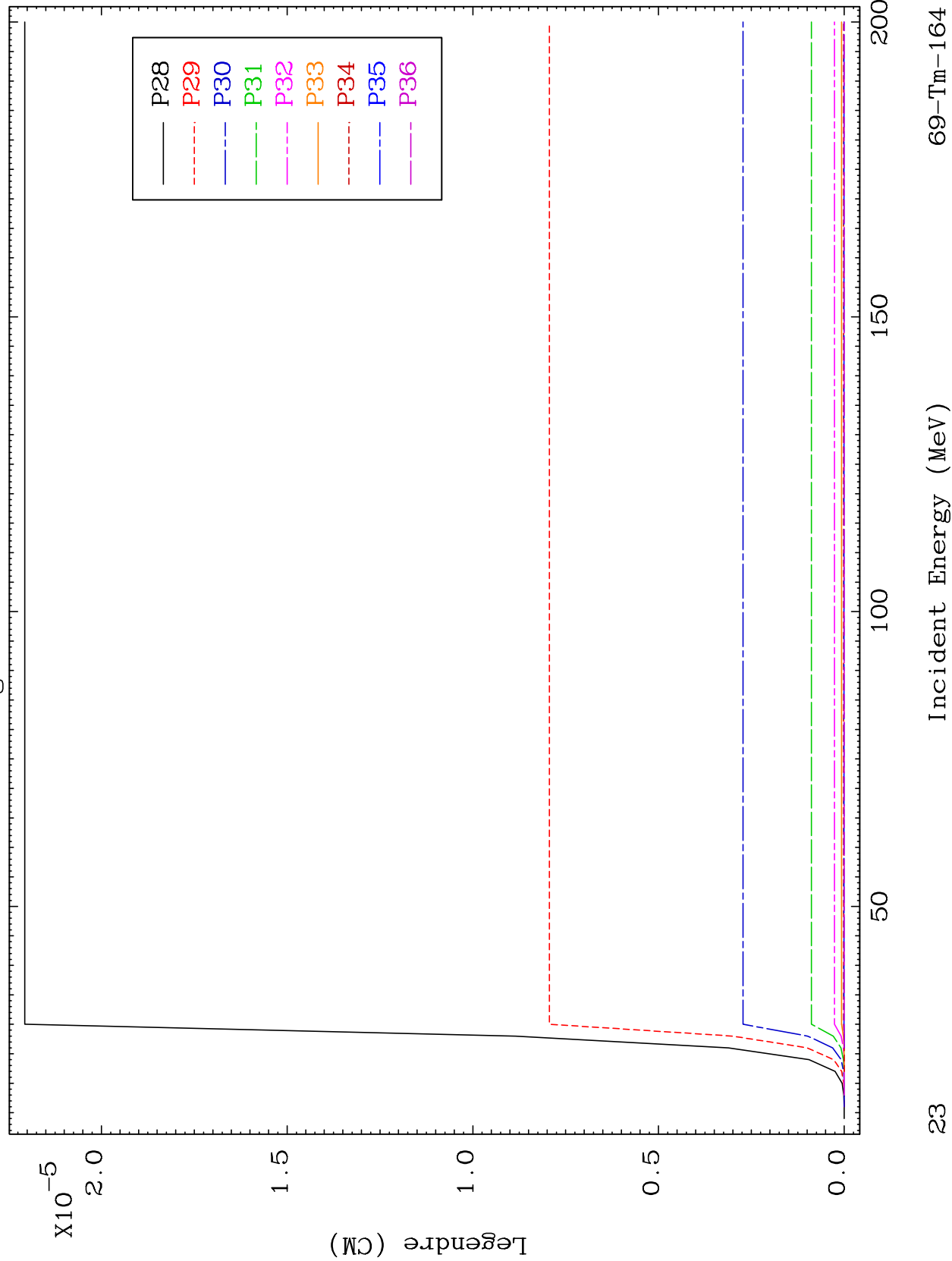
Incident Energy (MeV)

69-Tm-164

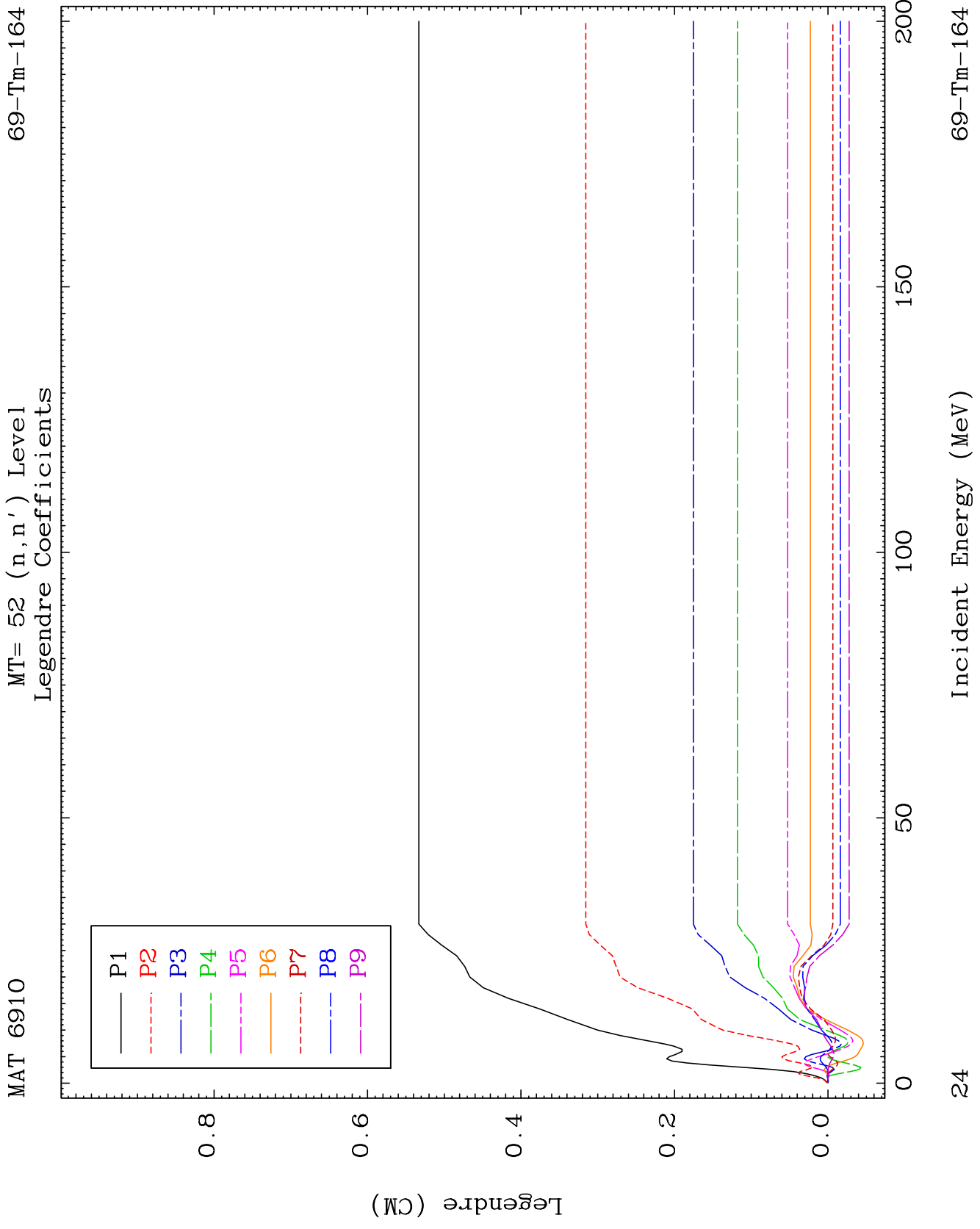
MAT 6910

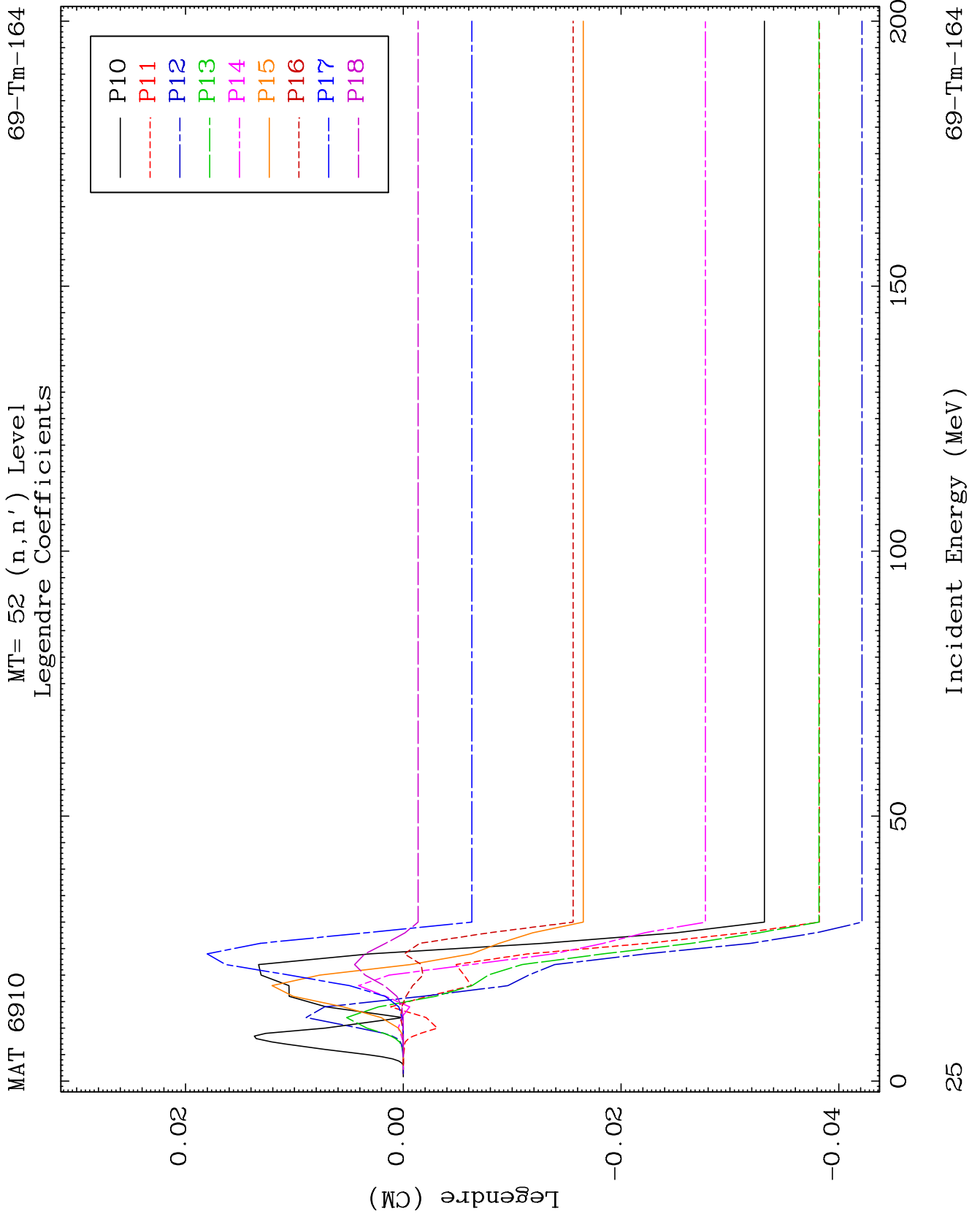
MT= 51 (n,n') Level  
Legendre Coefficients

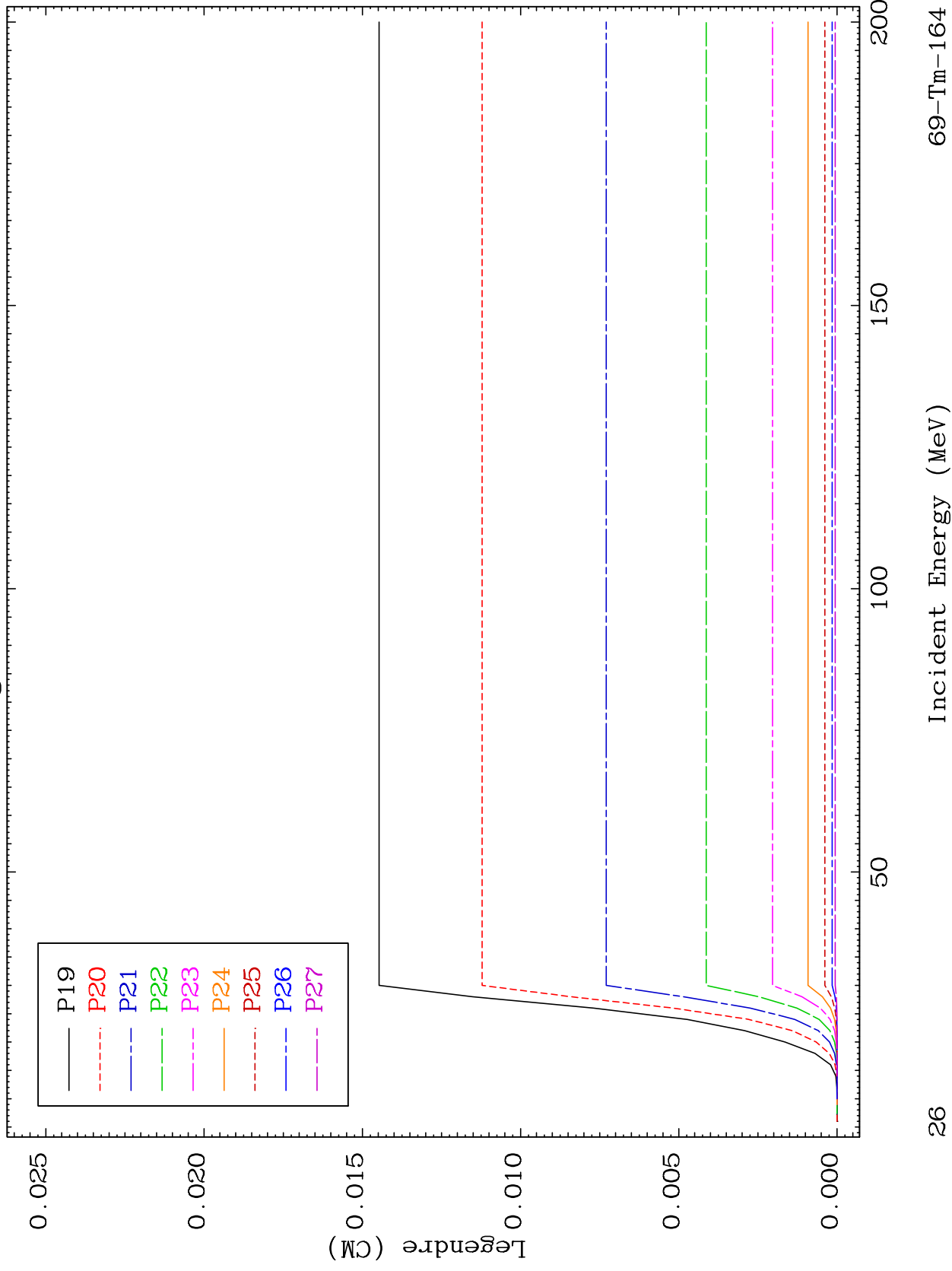
69-Tm-164







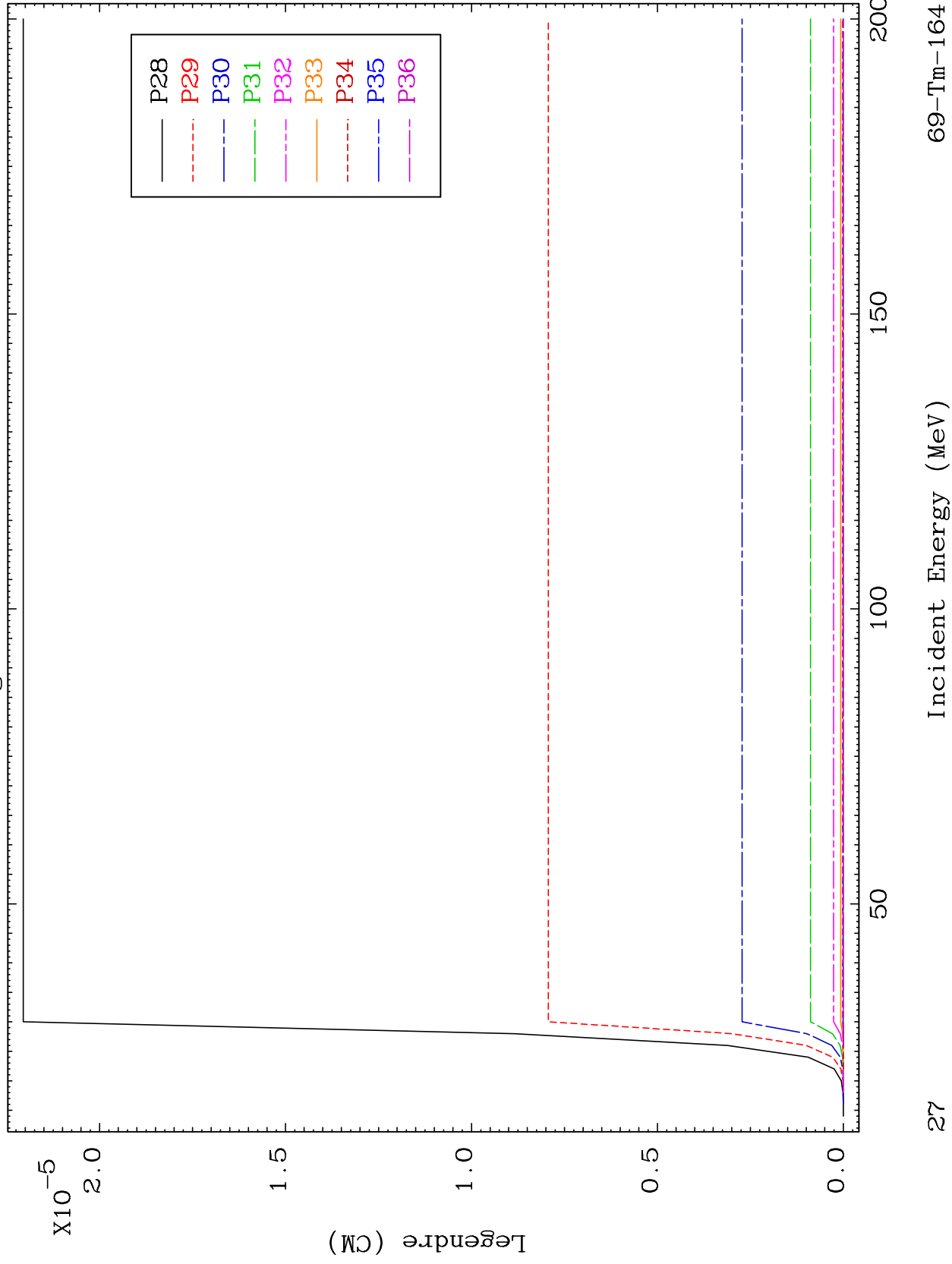




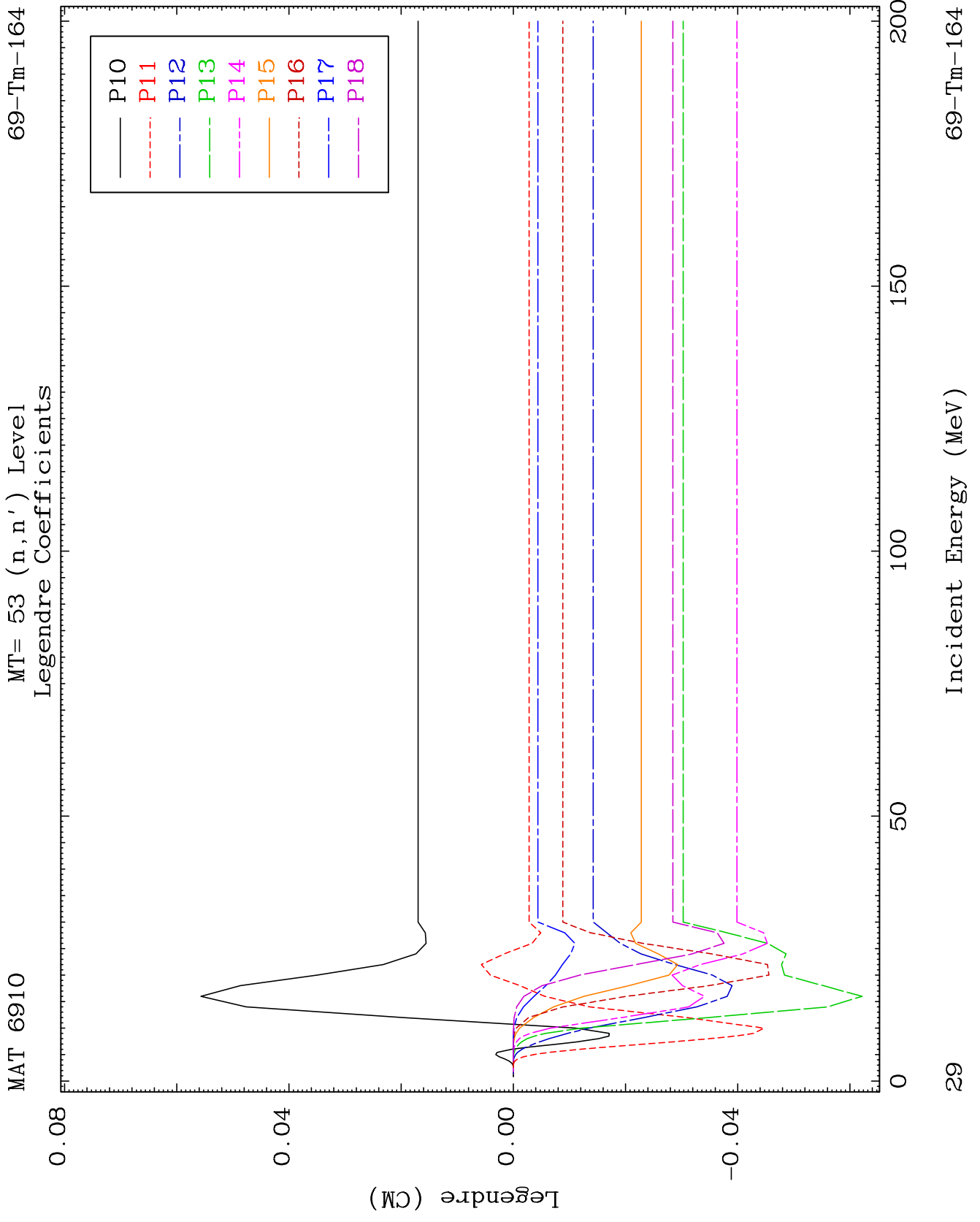
MAT 6910

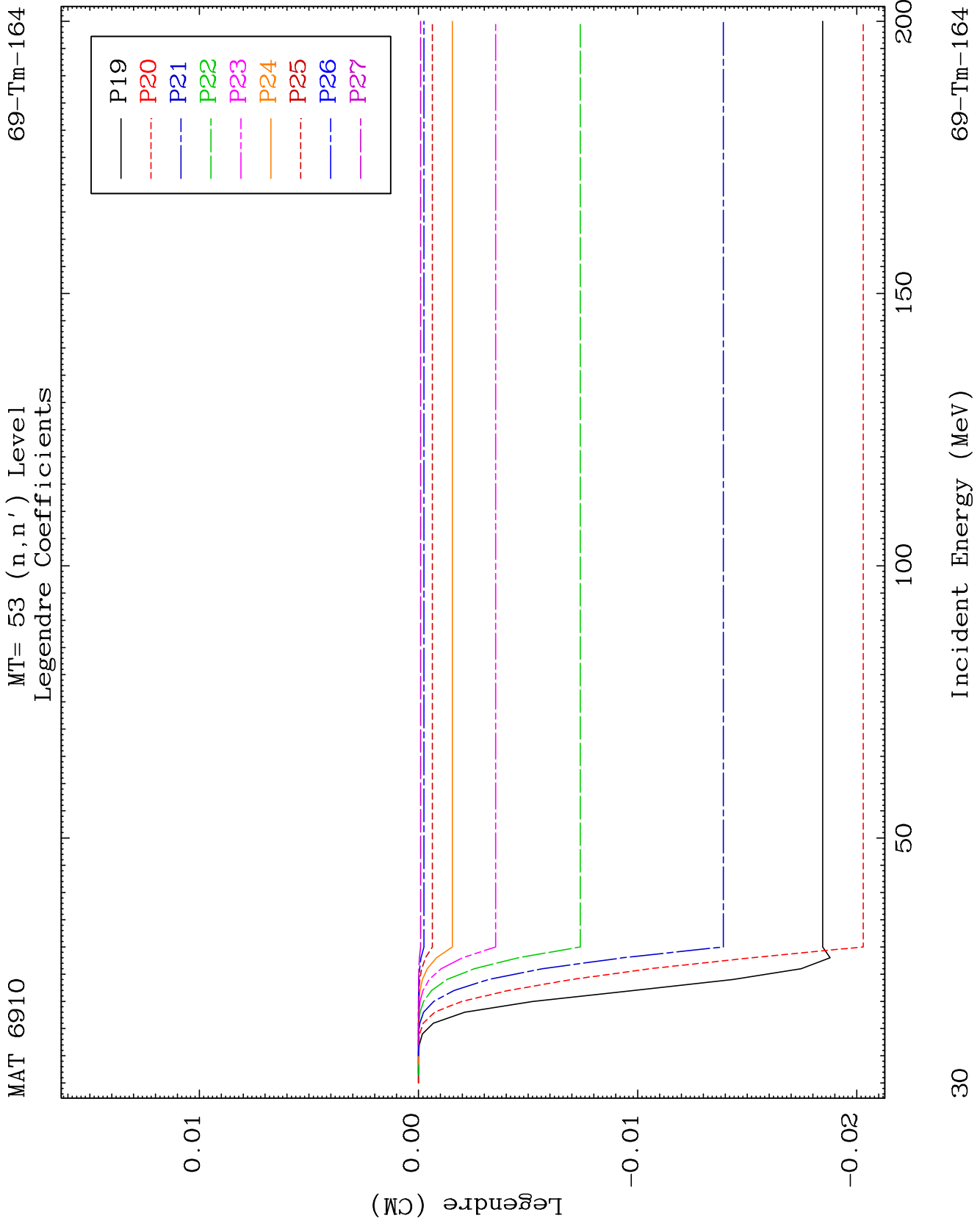
MT= 52 (n,n') Level  
Legendre Coefficients

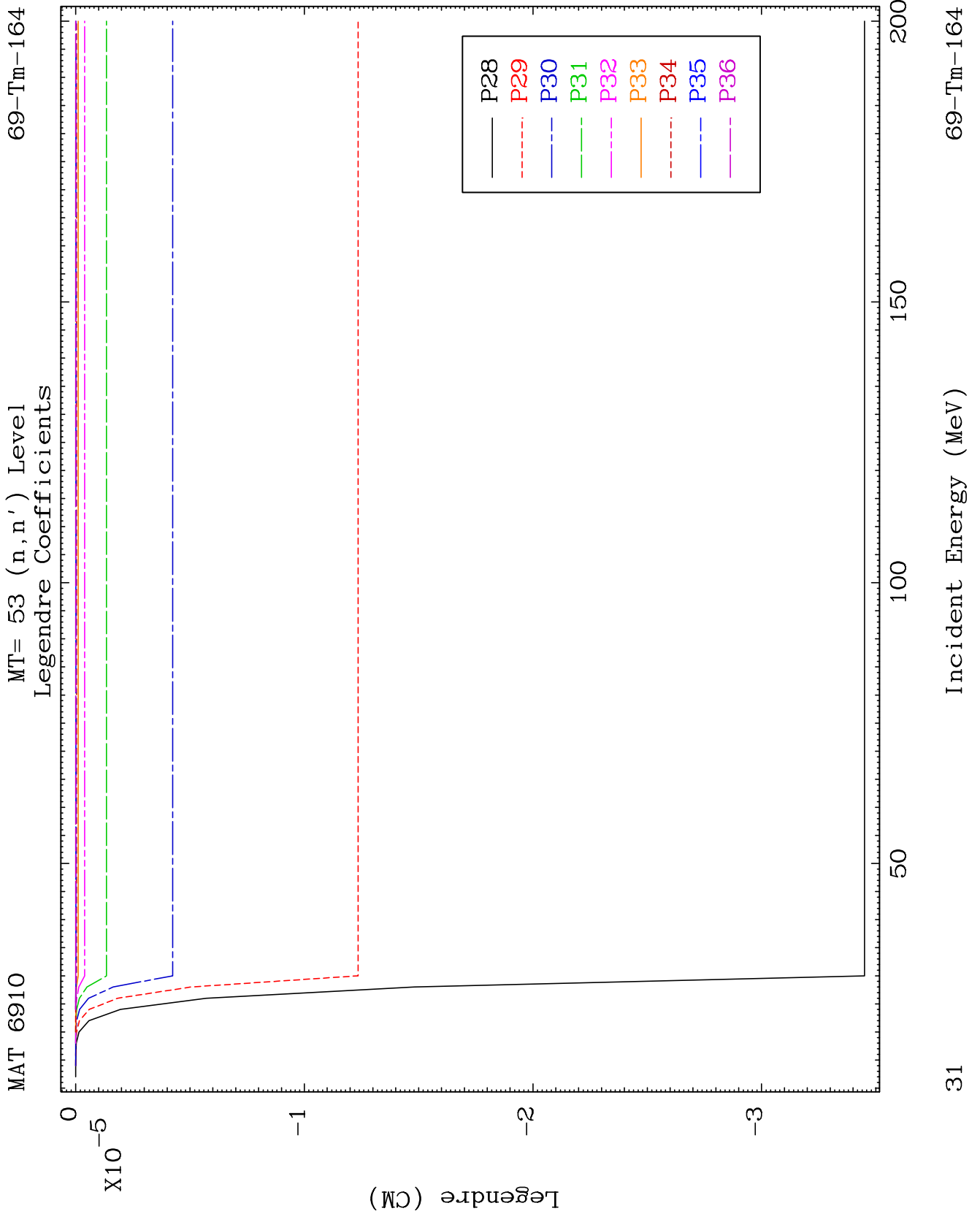
69-Tm-164



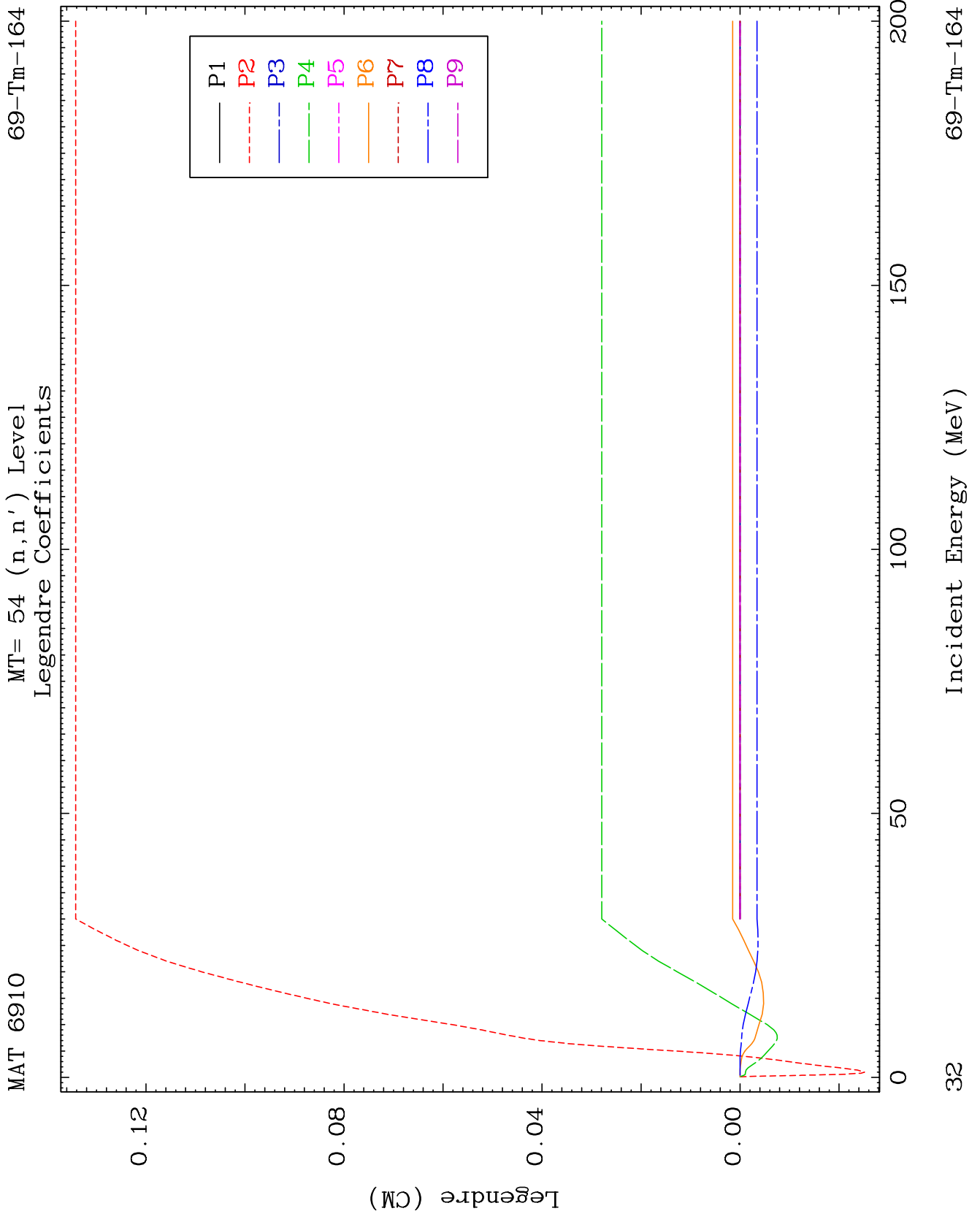


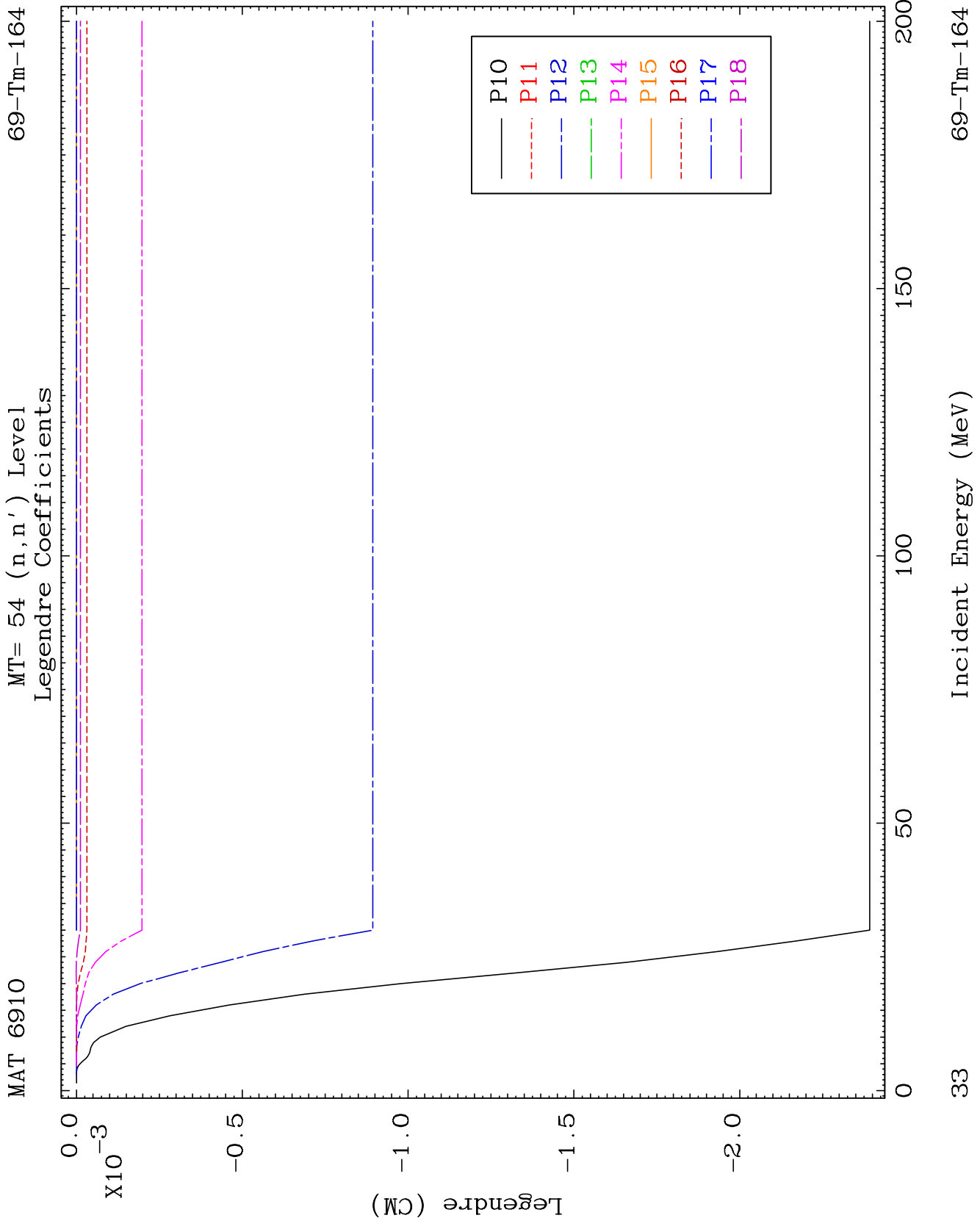


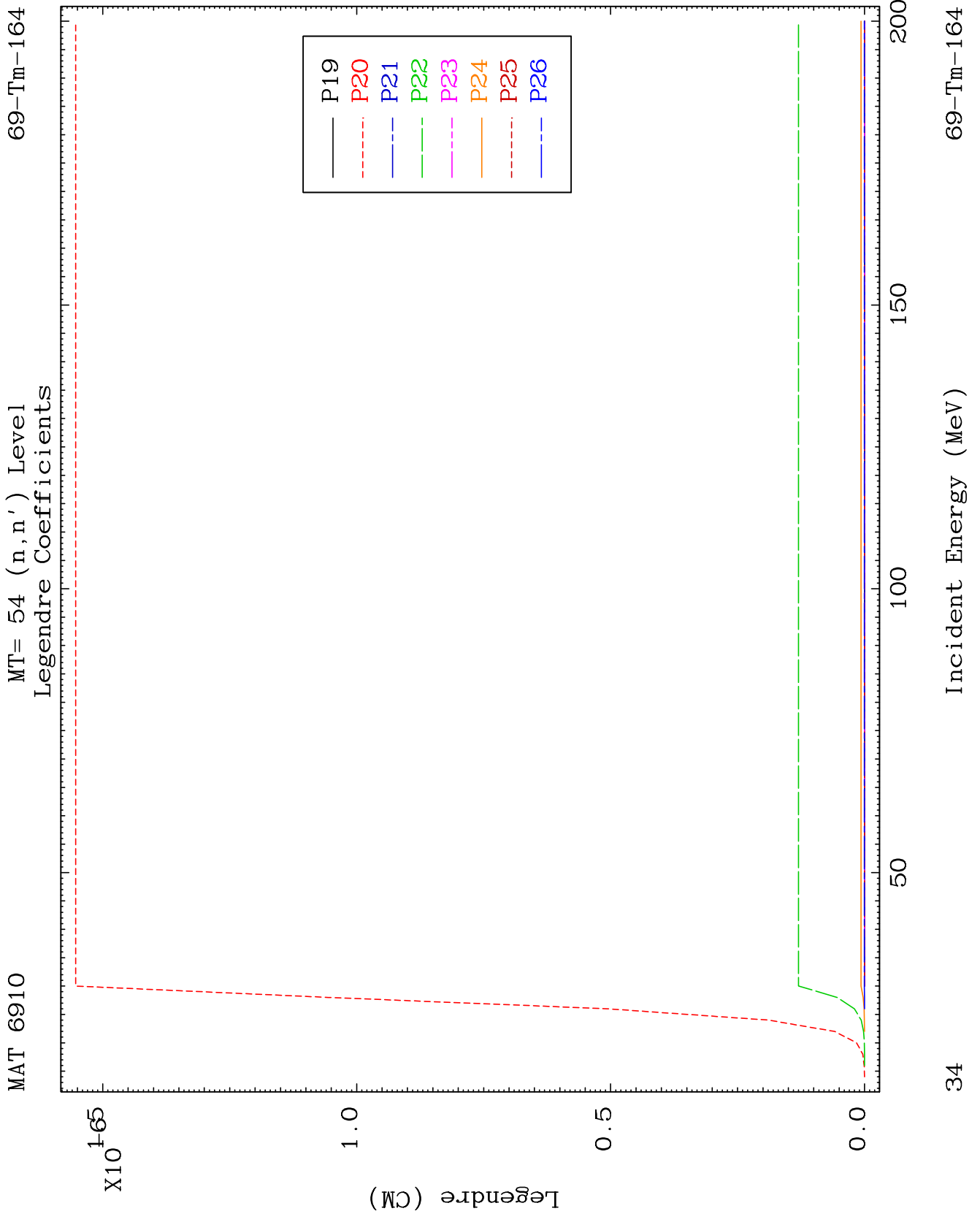


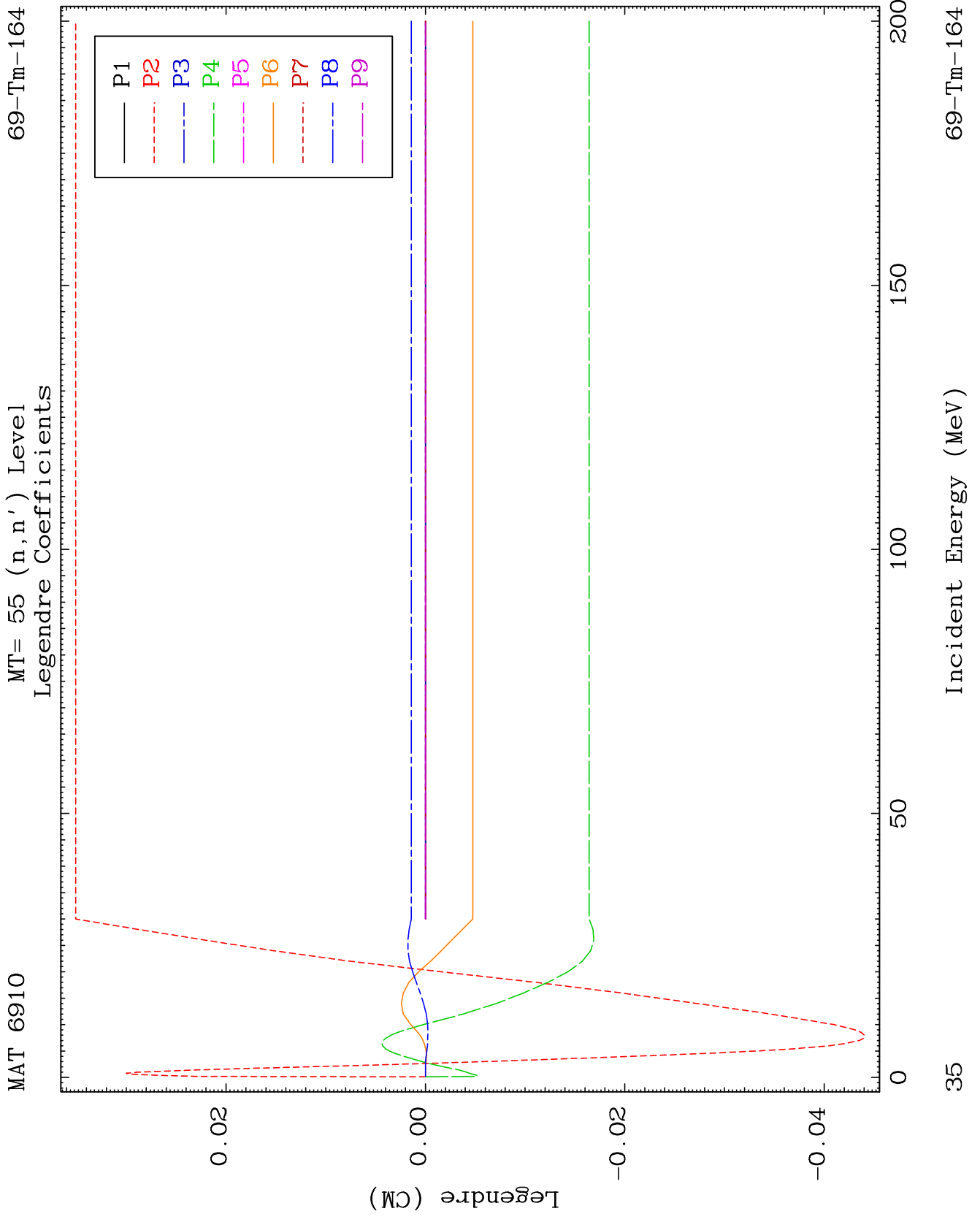








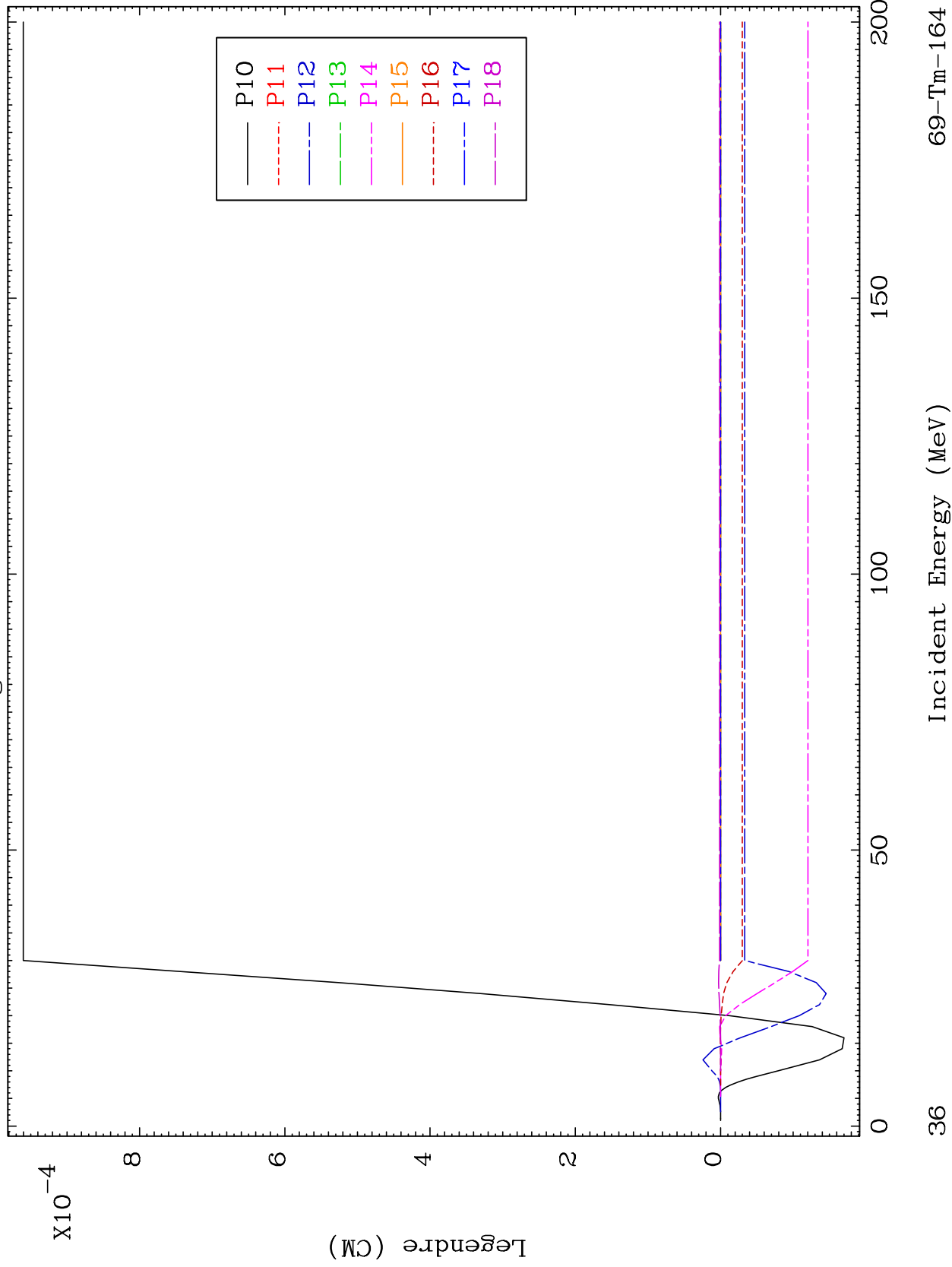




MAT 6910

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

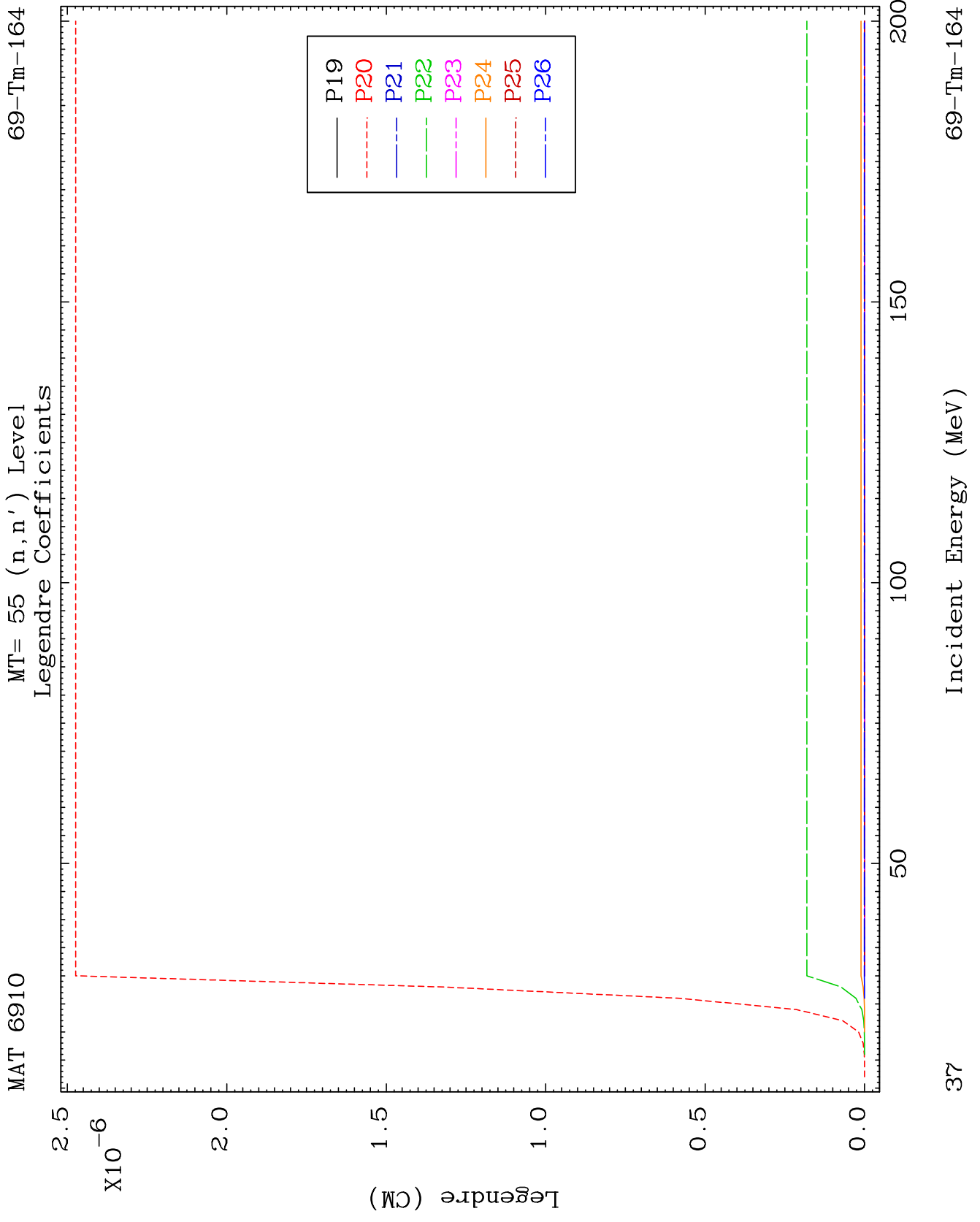
69-Tm-164



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Incident Energy (MeV)

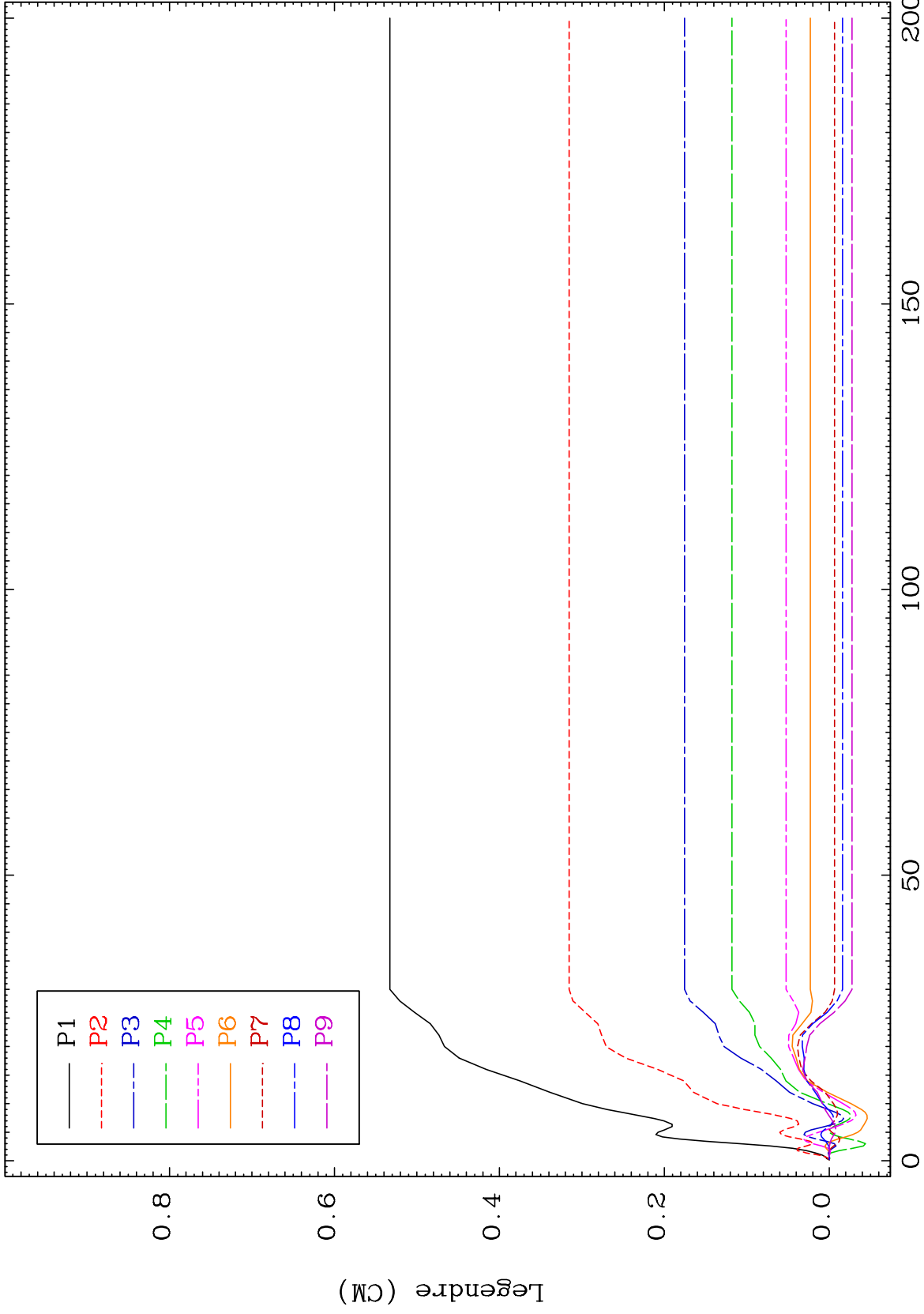
69-Tm-164



MAT 6910

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

69-Tm-164



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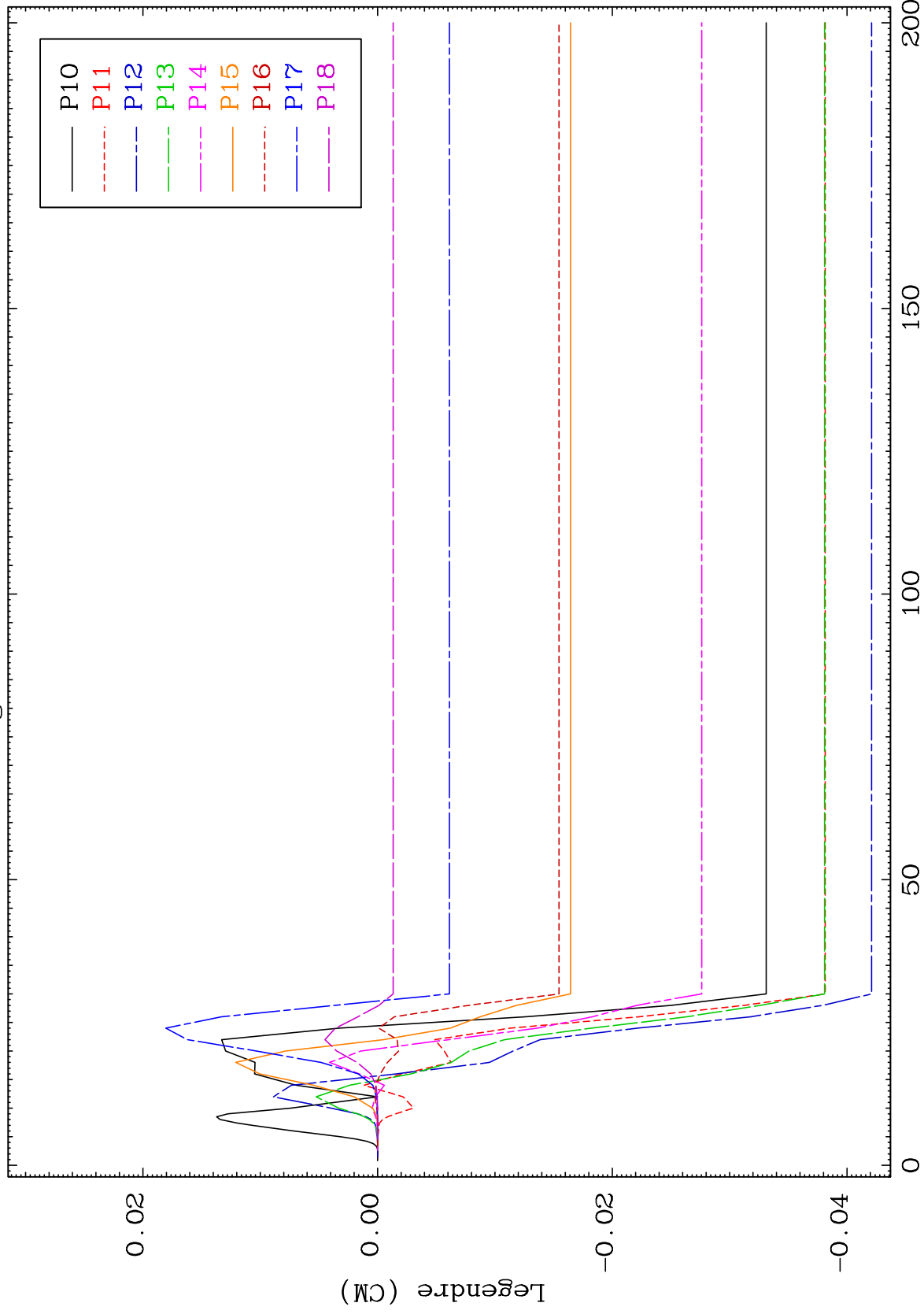
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



39

Incident Energy (MeV)

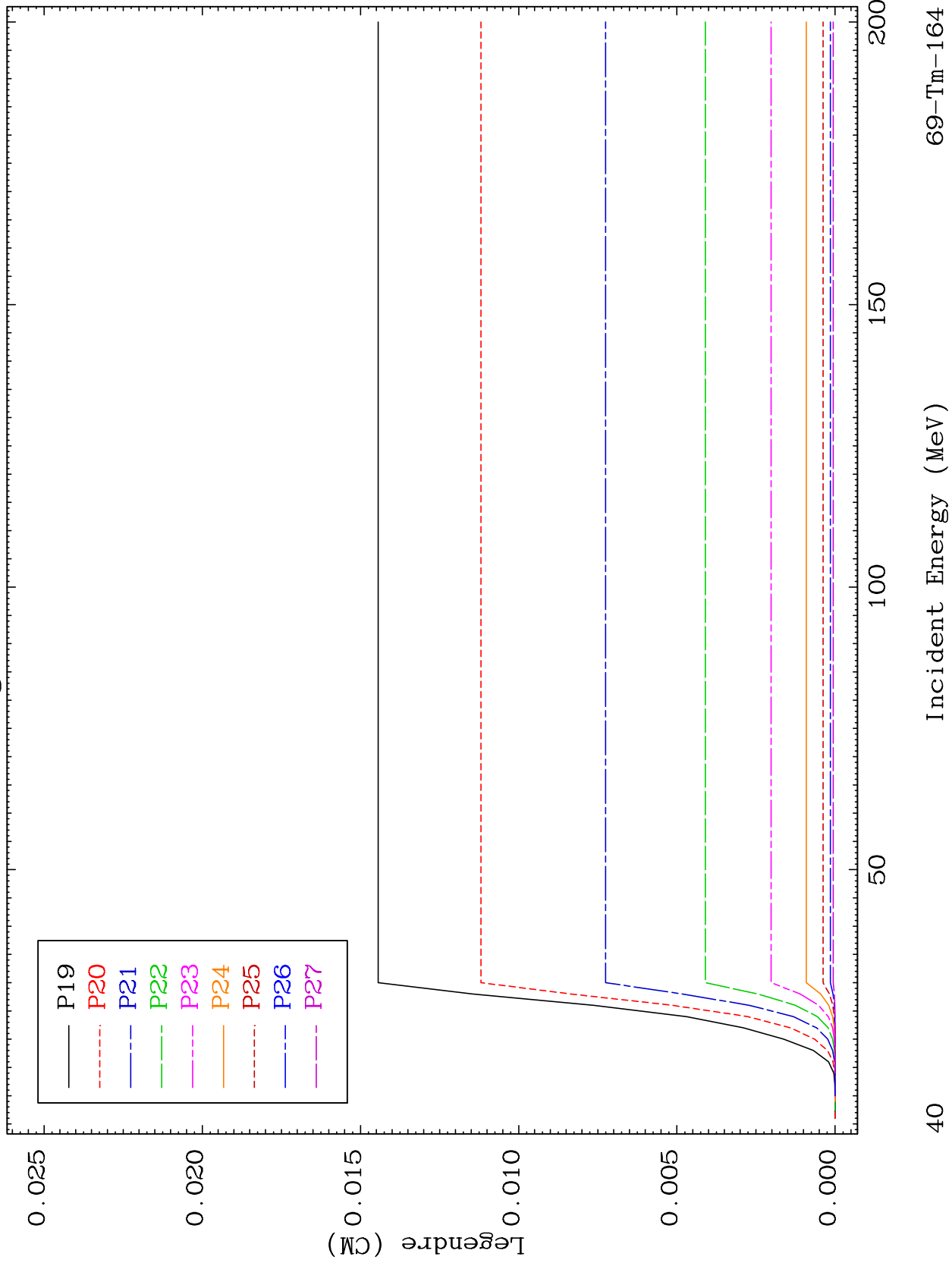
69-Tm-164



MAT 6910

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

69-Tm-164



40

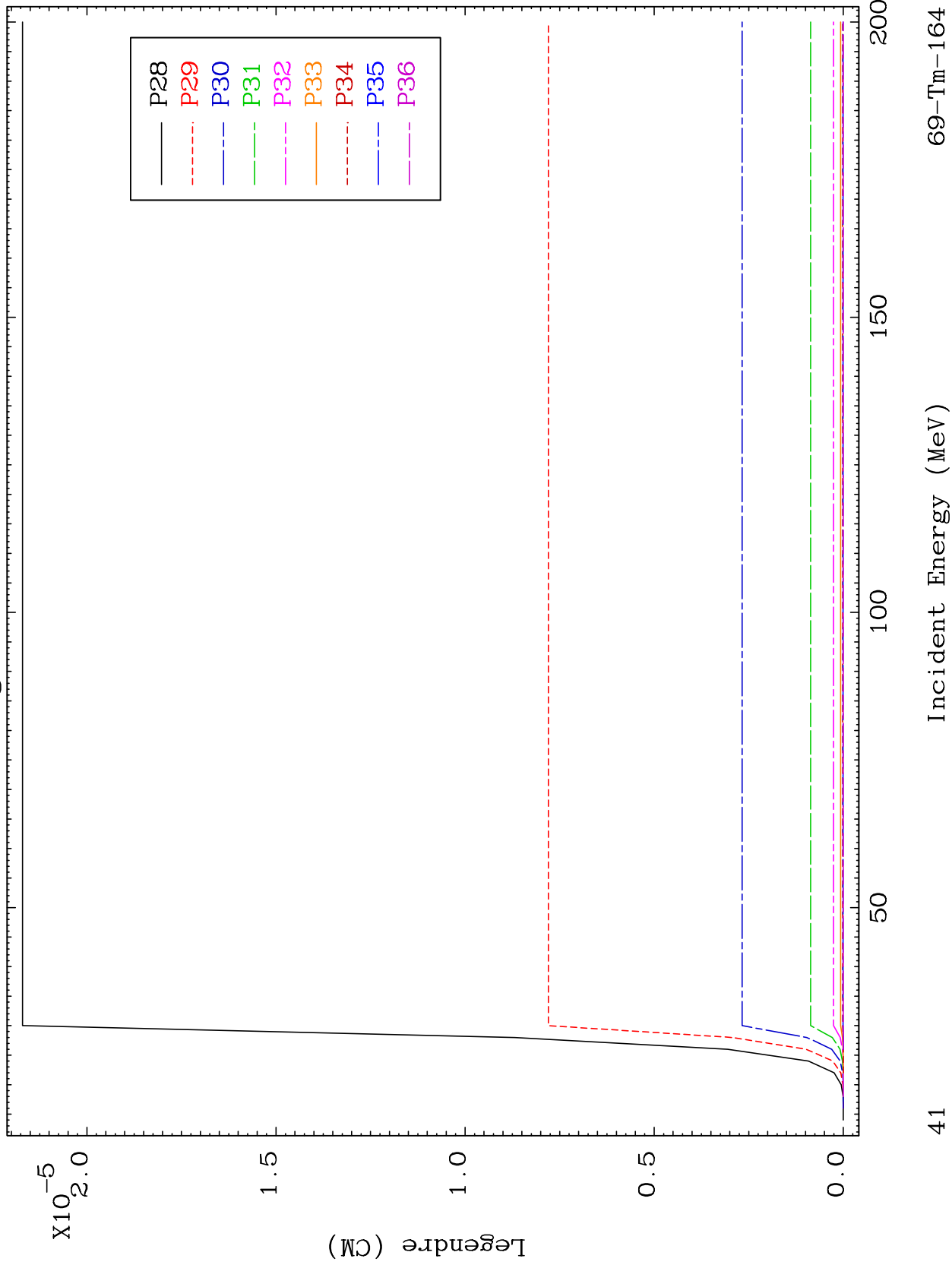
Incident Energy (MeV)

69-Tm-164

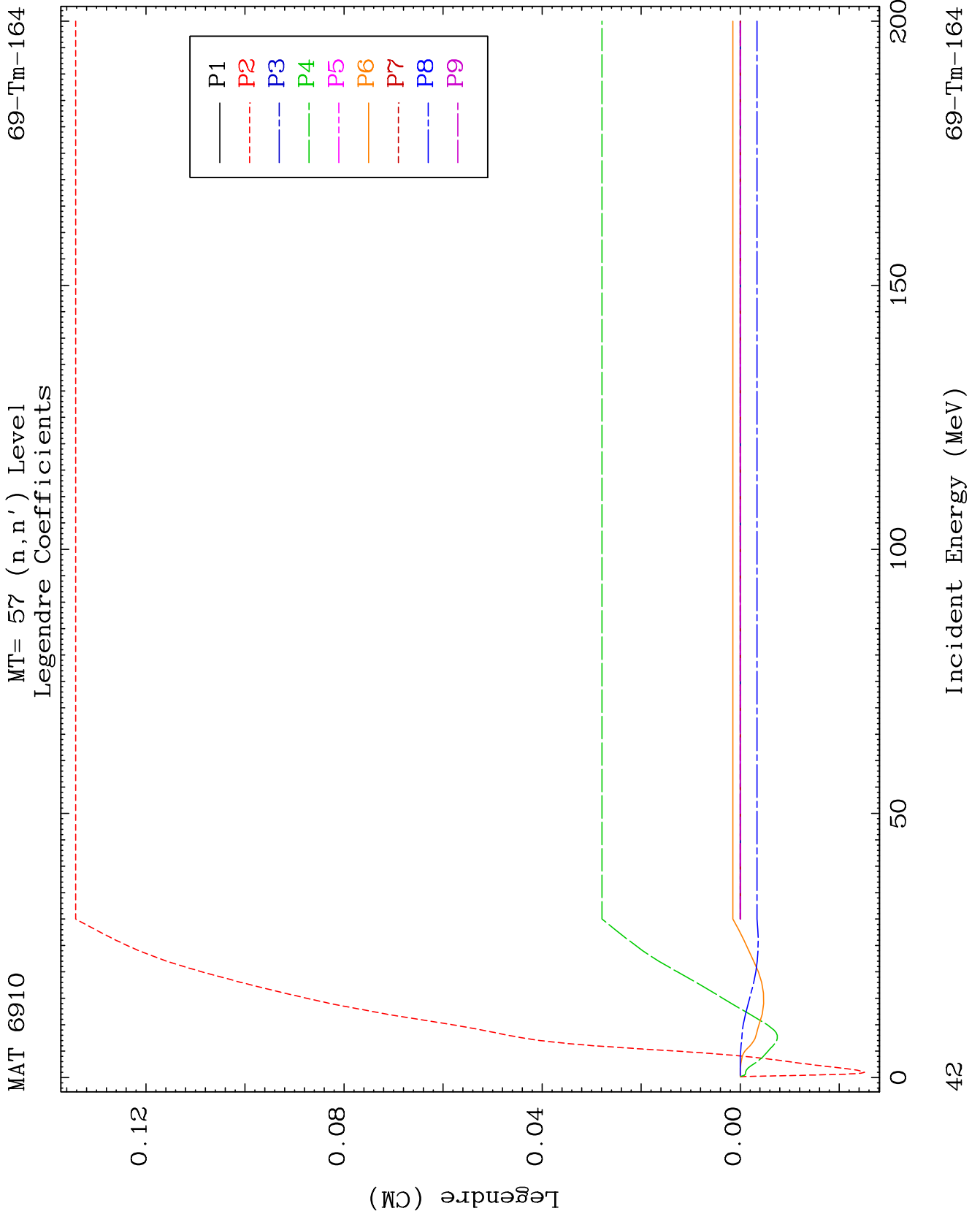
MAT 6910

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

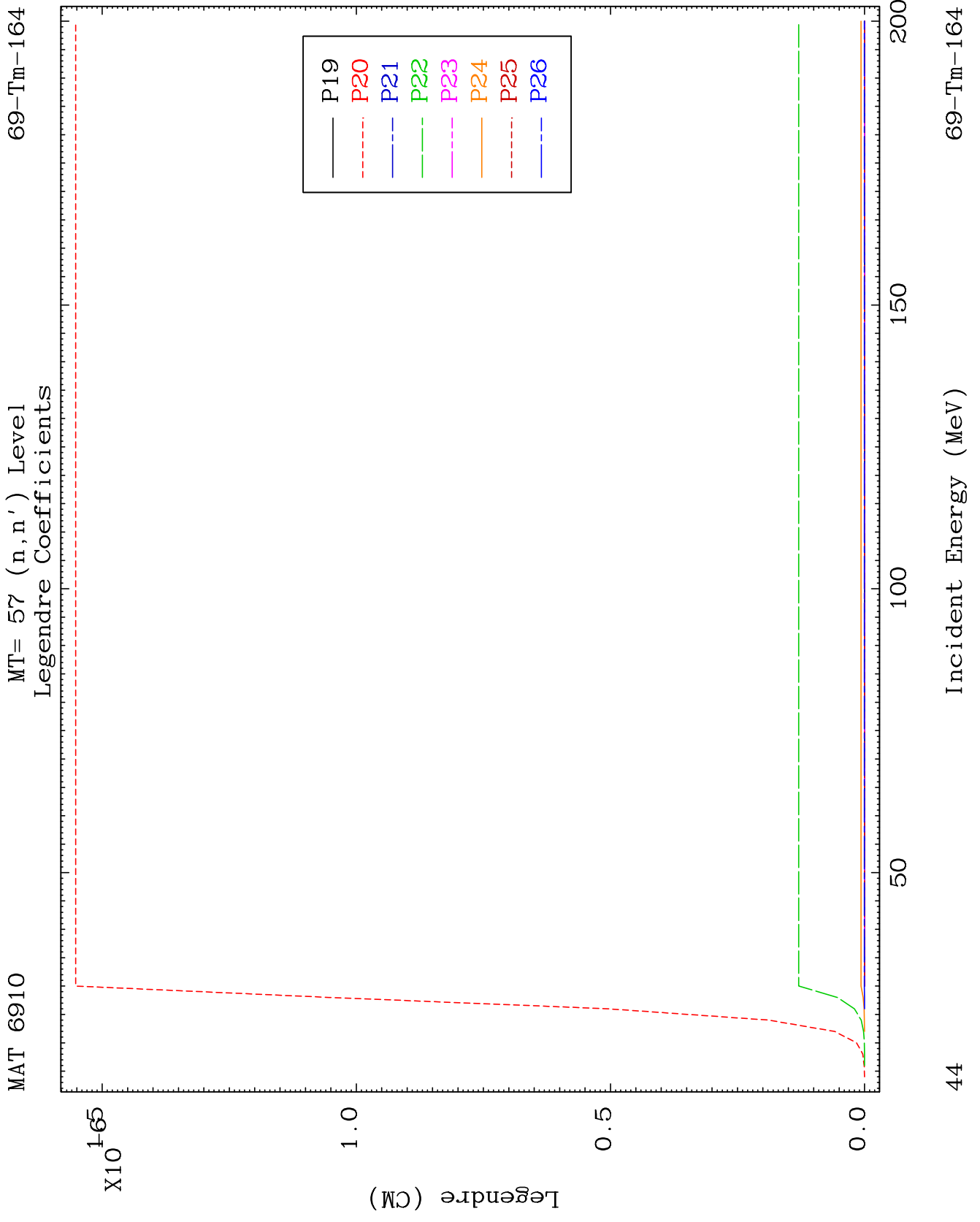
69-Tm-164



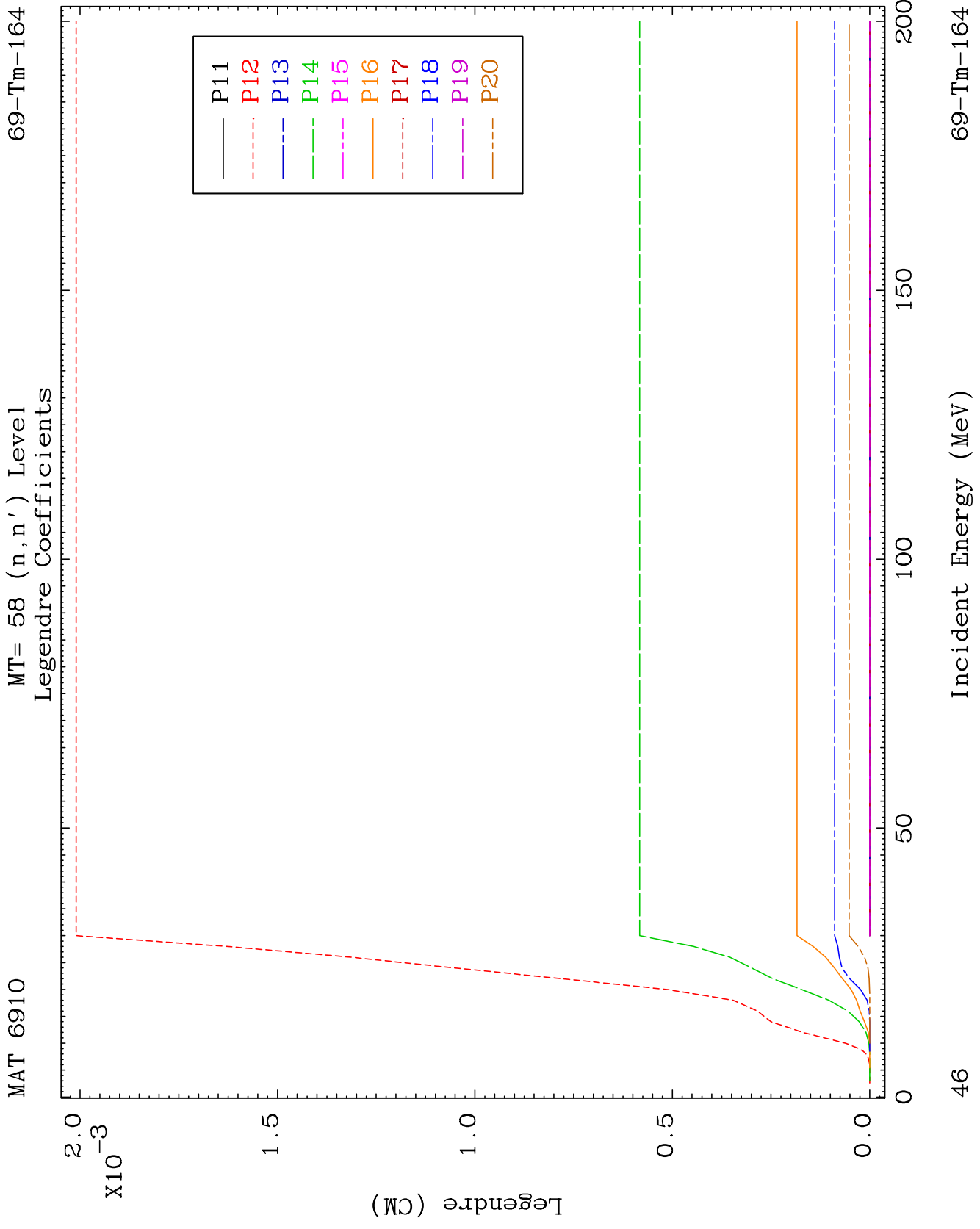
41

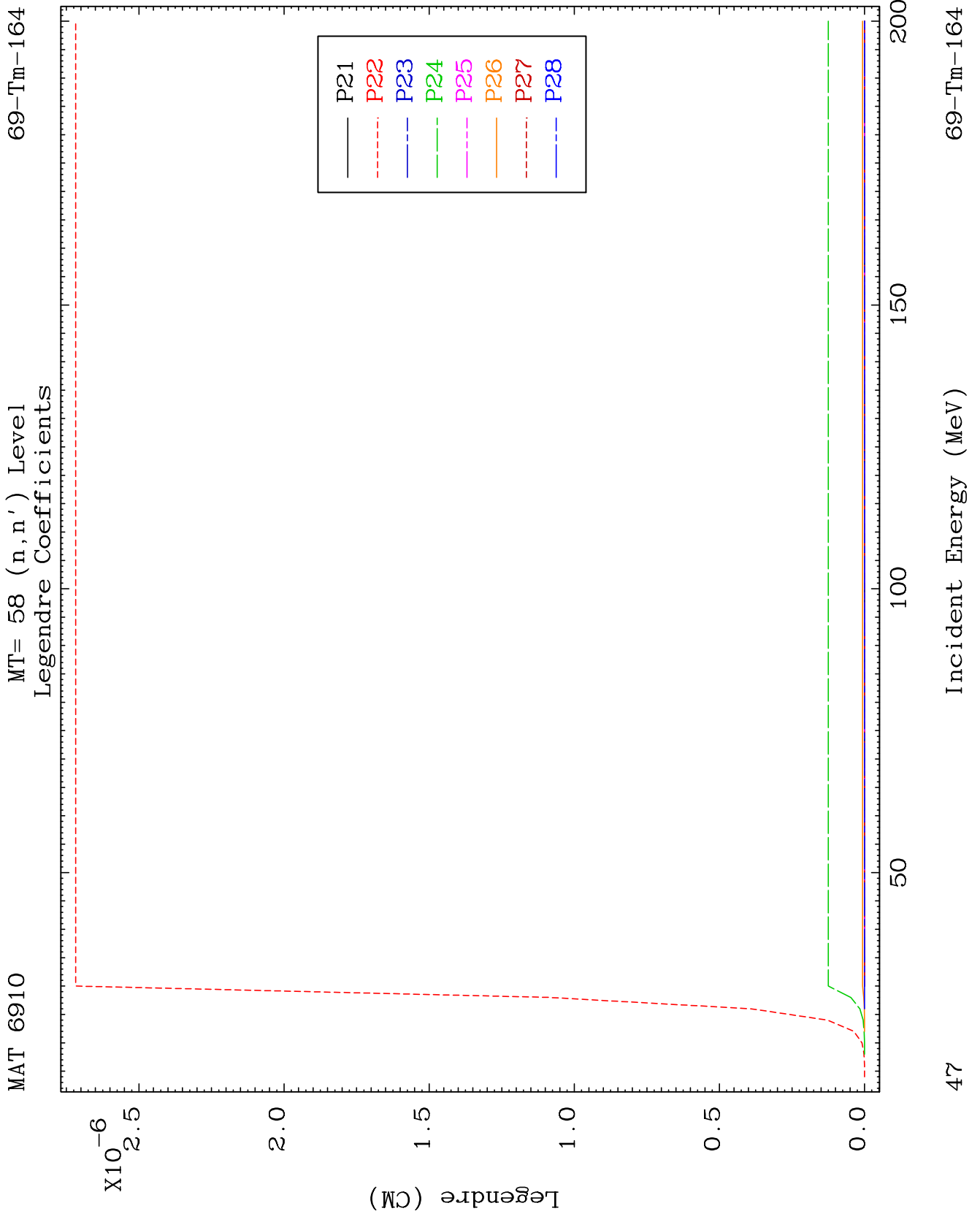




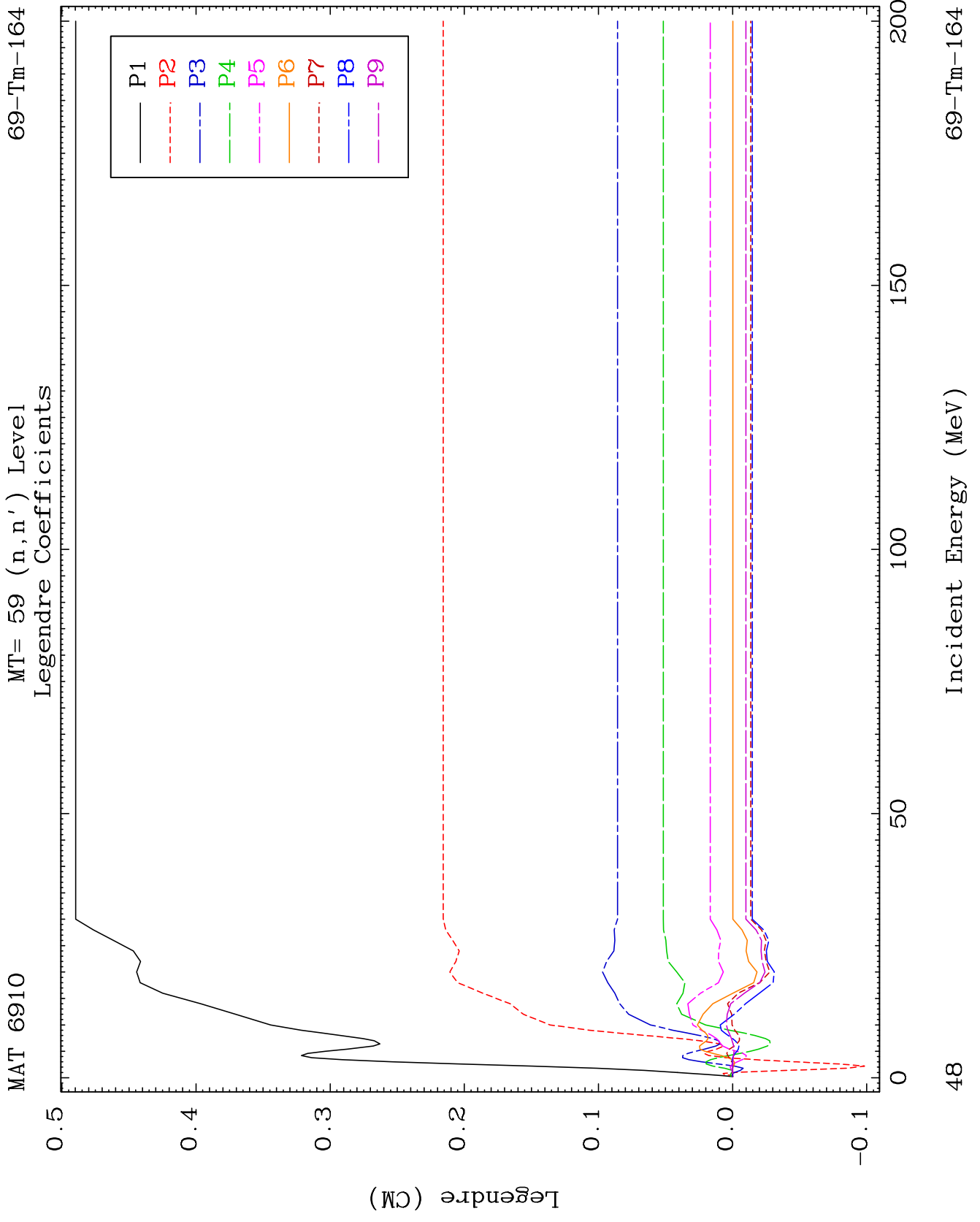




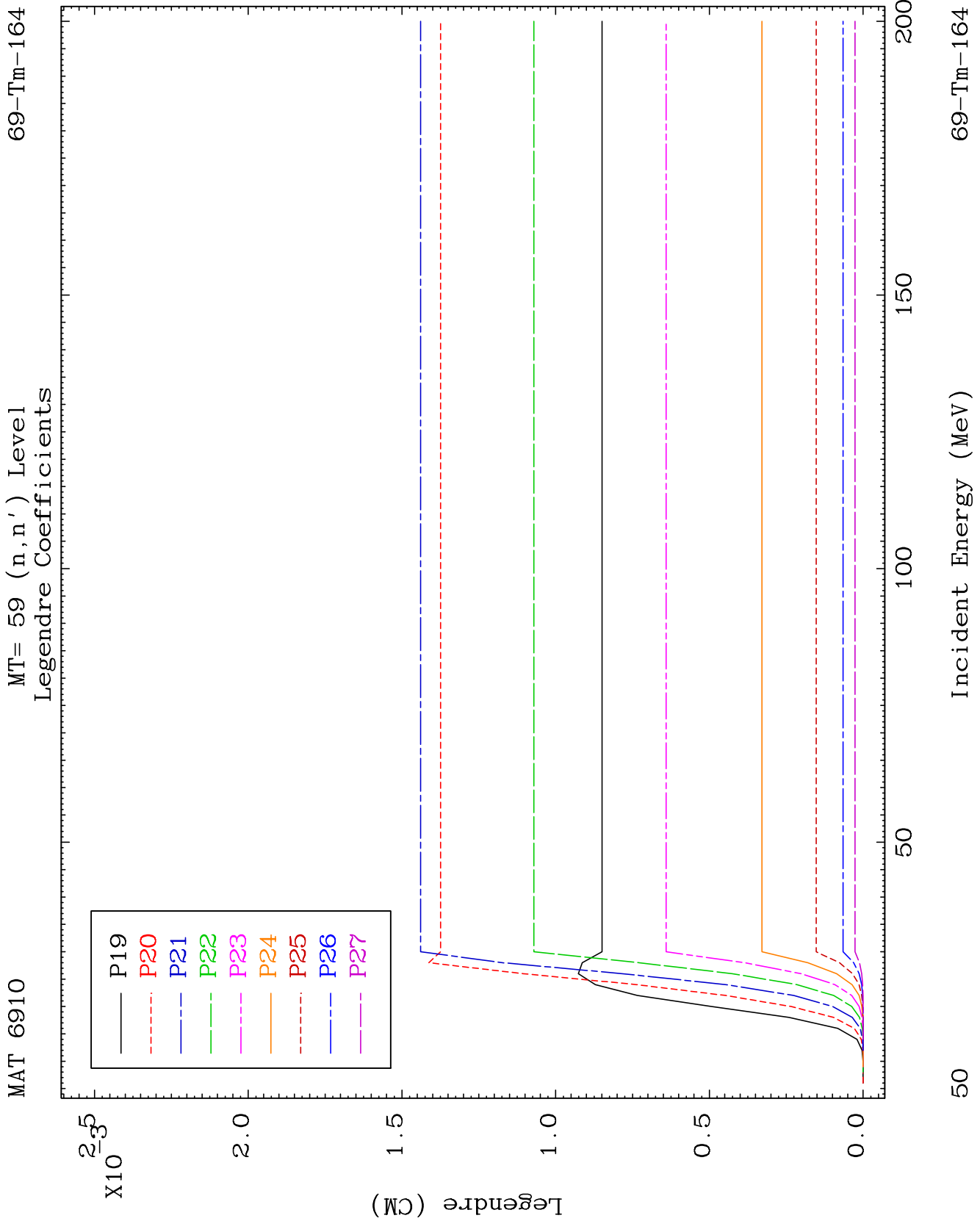


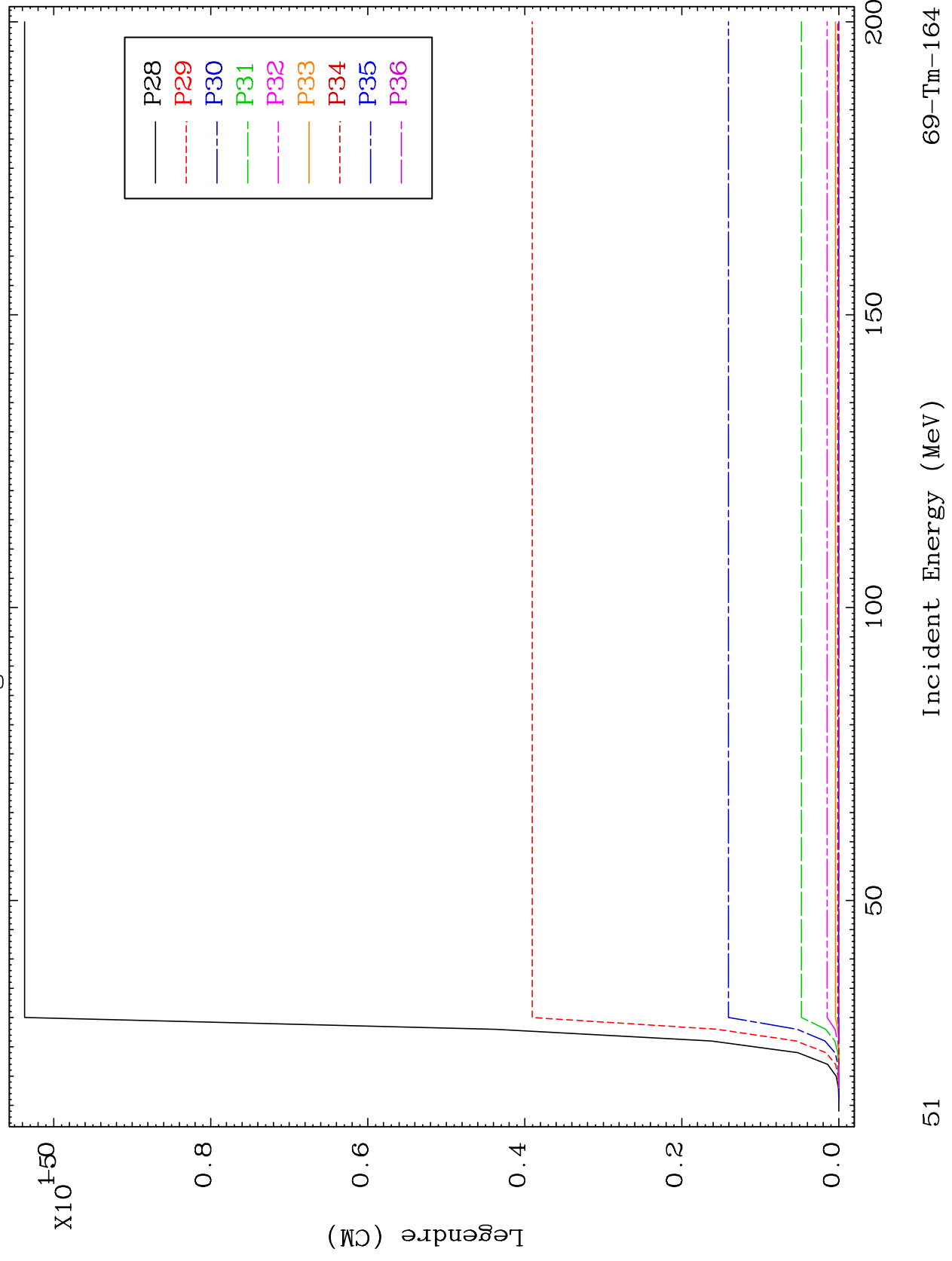


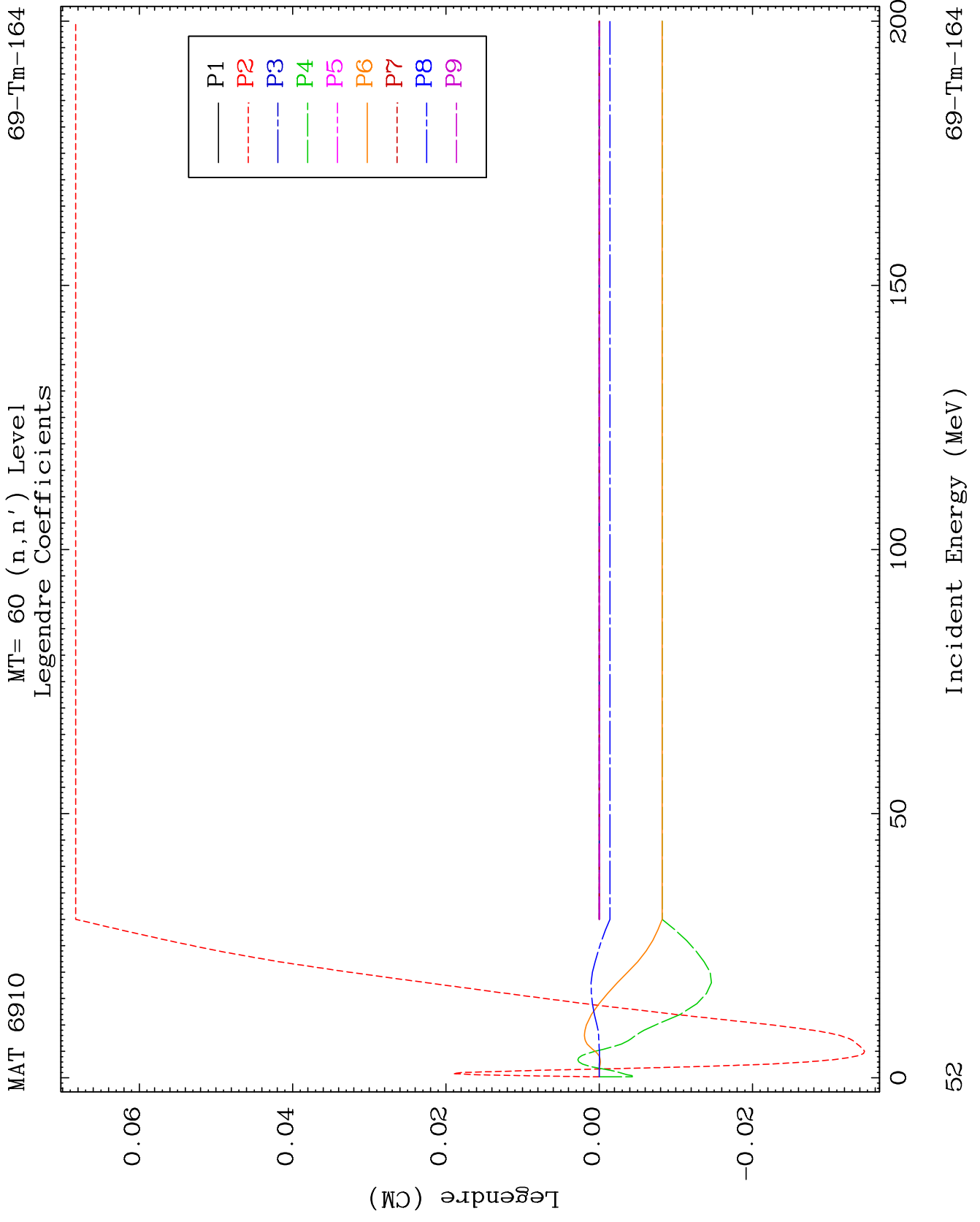








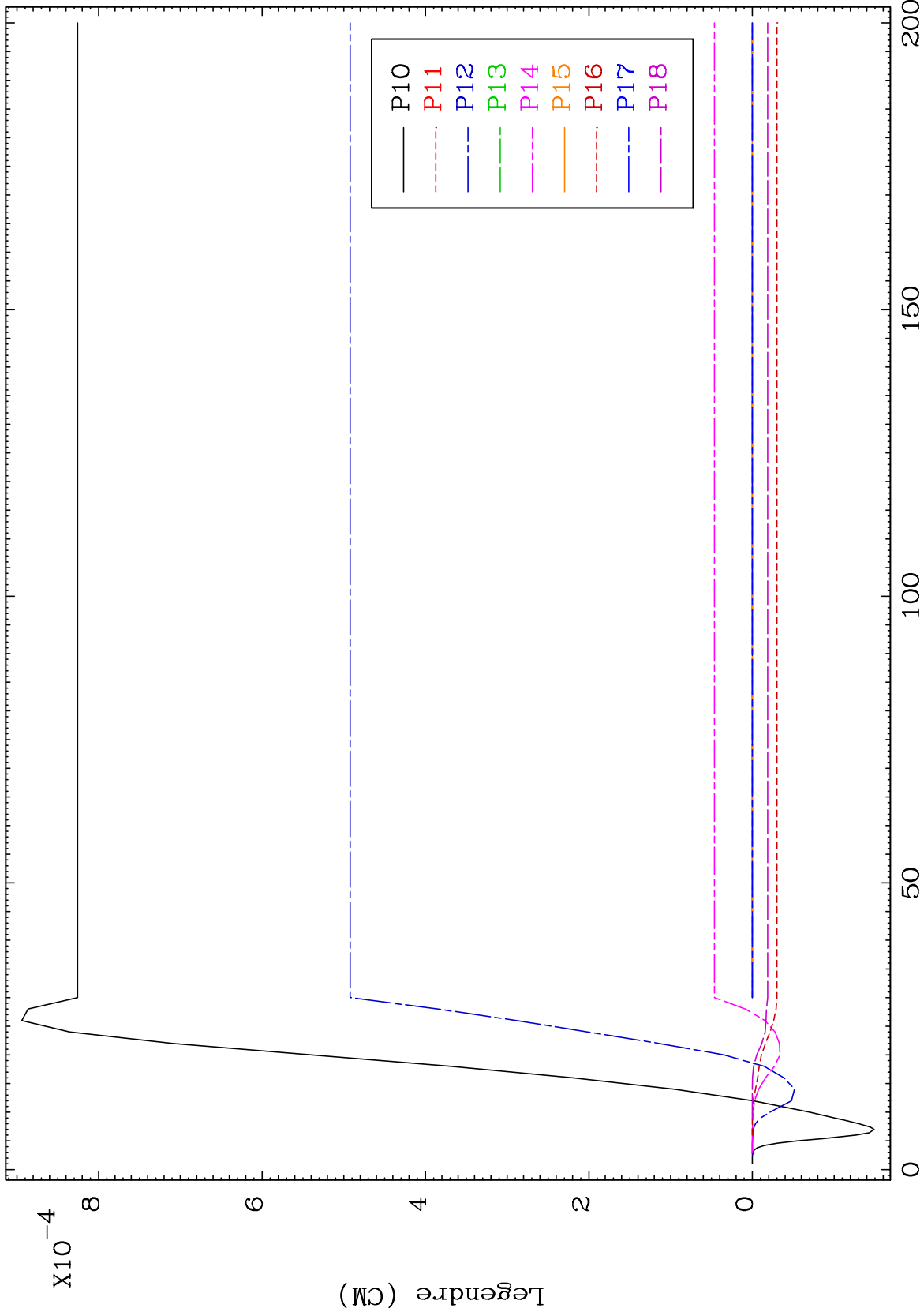




MAT 6910

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

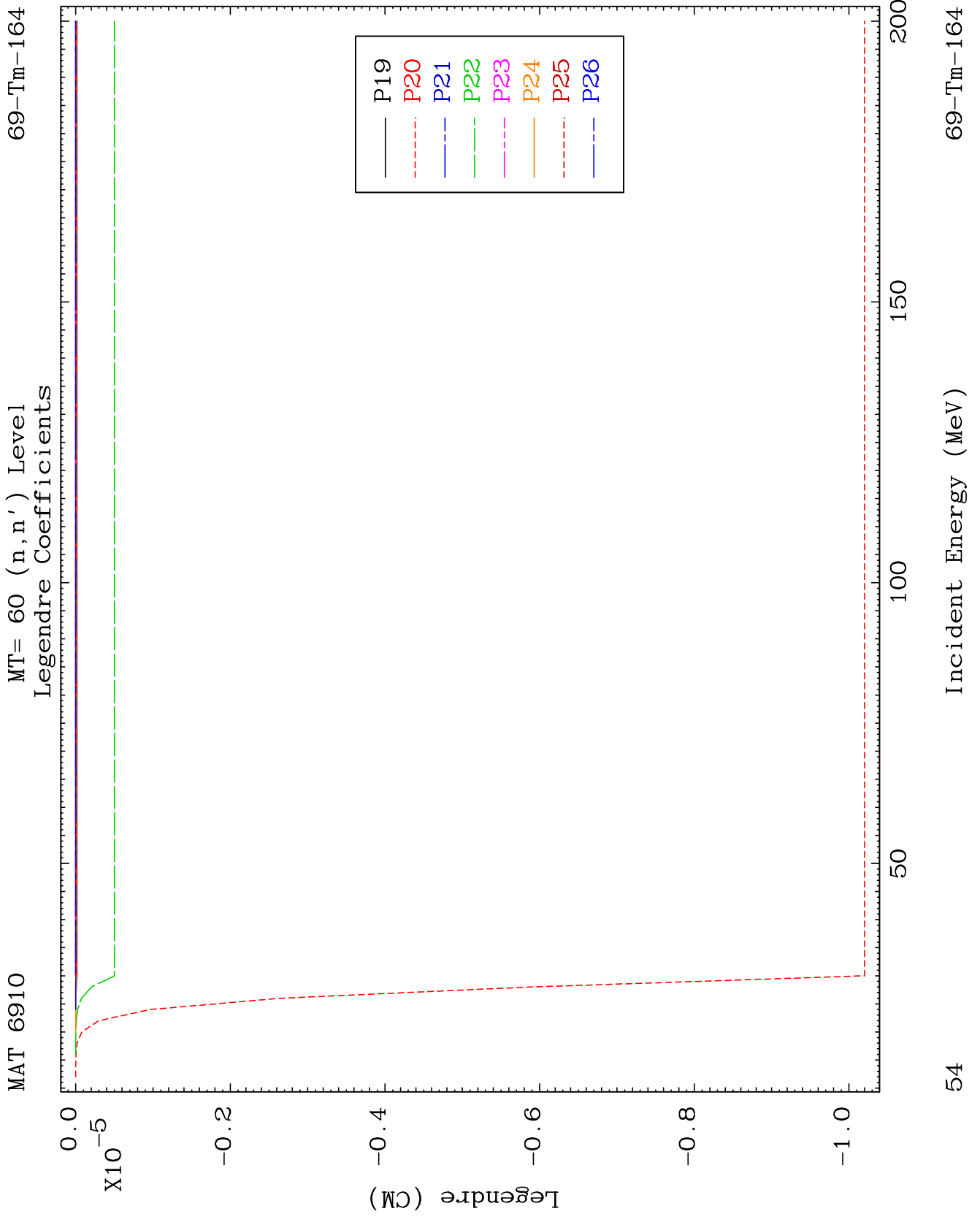
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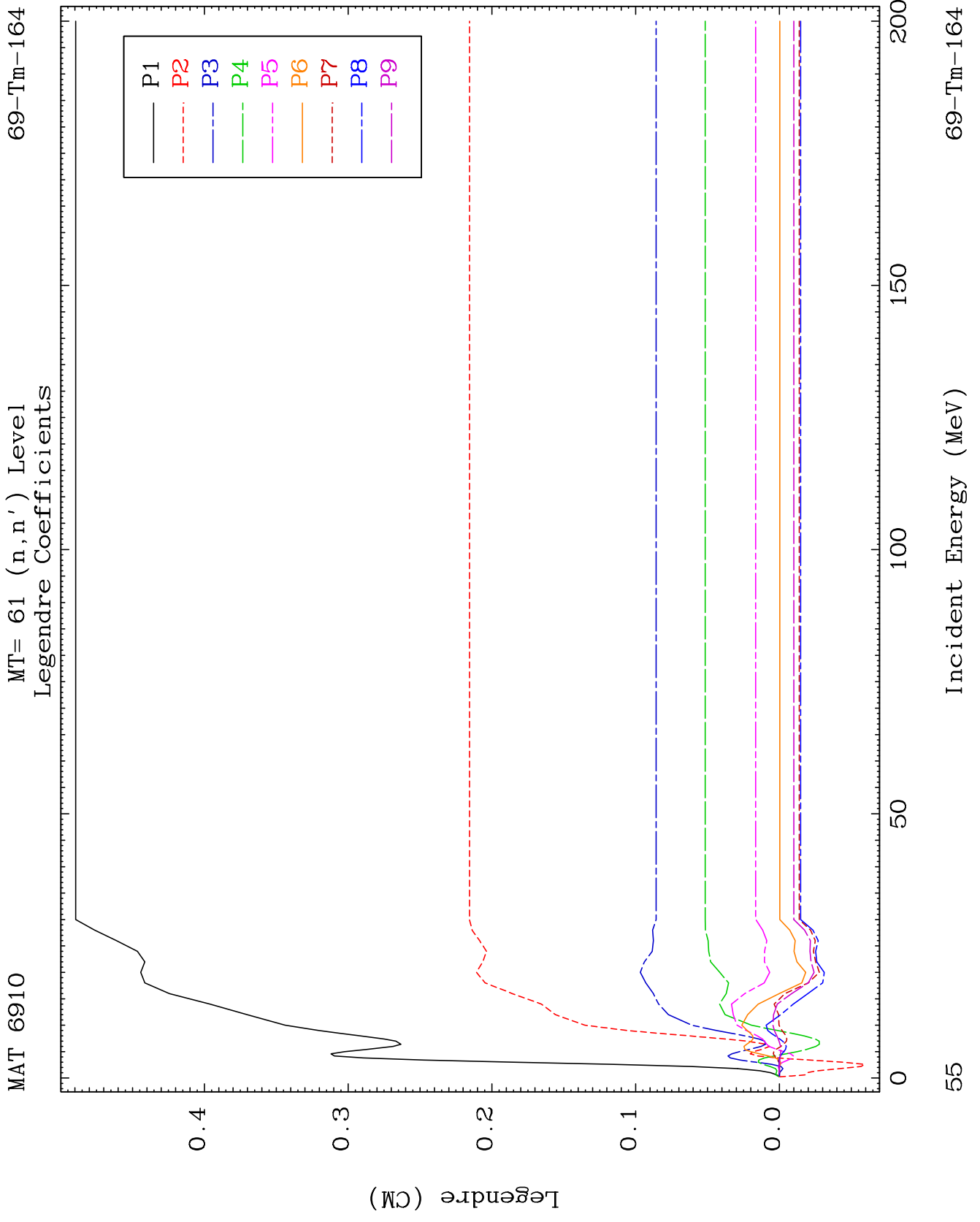


53

Incident Energy (MeV)

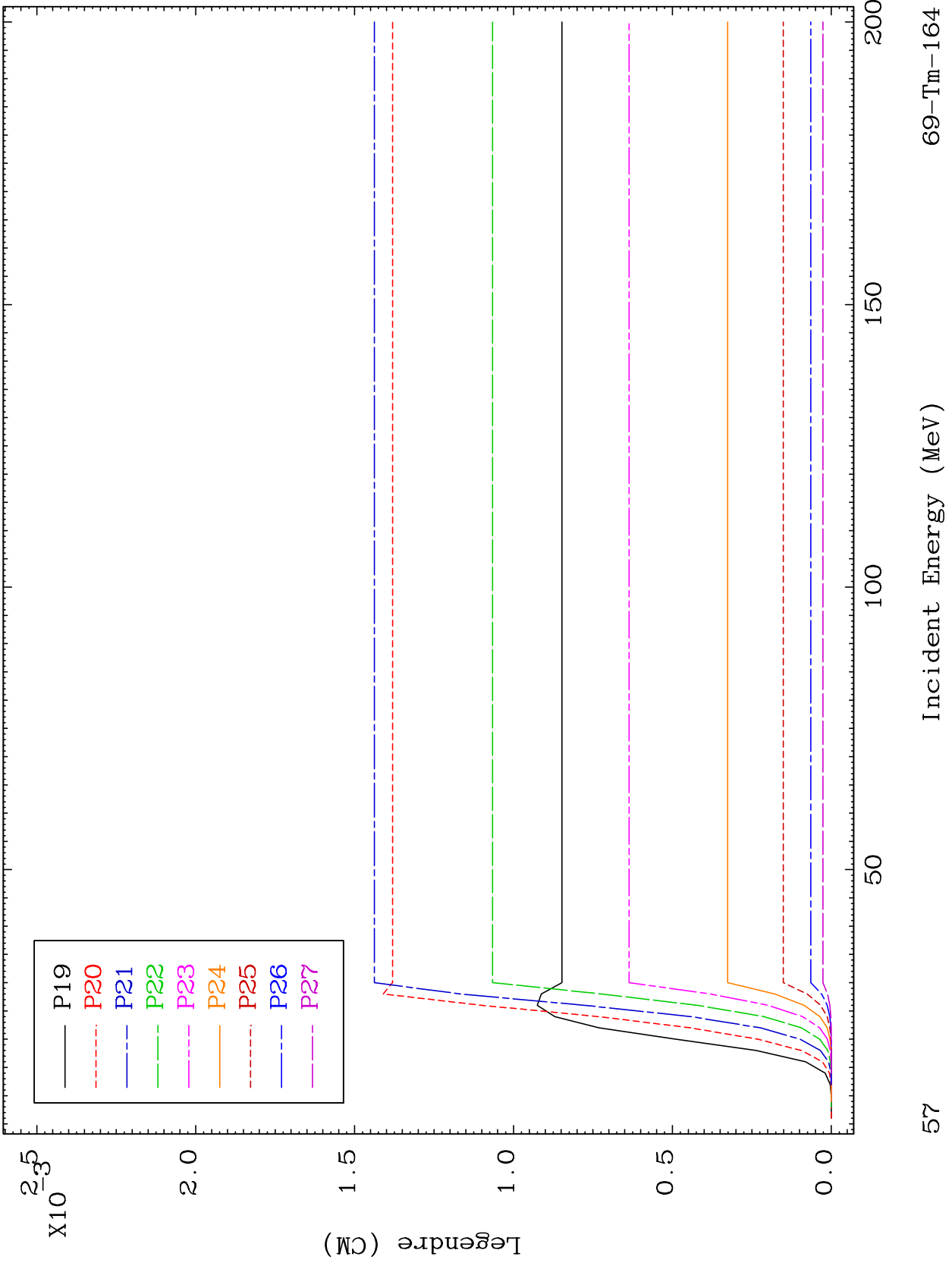
69-Tm-164

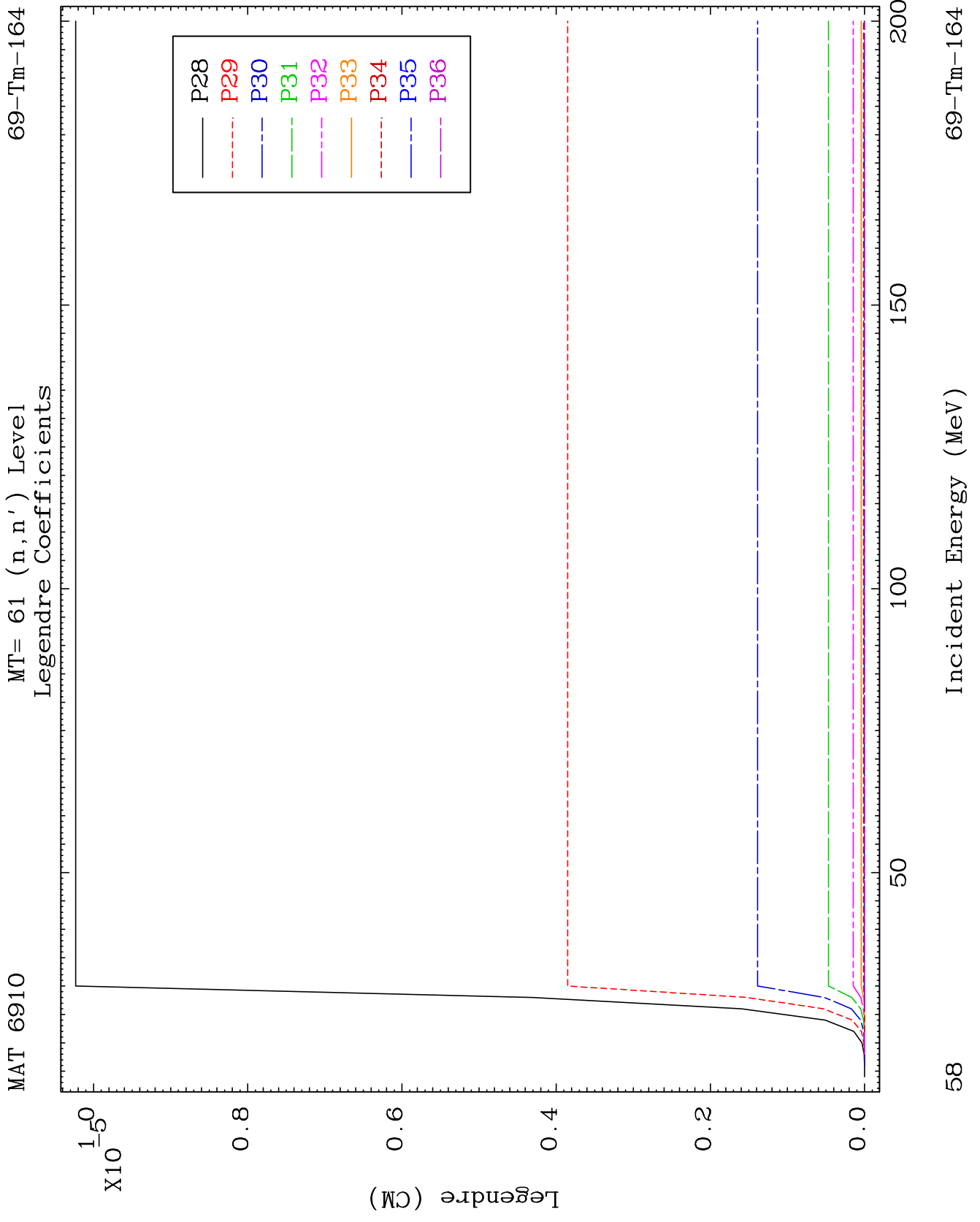








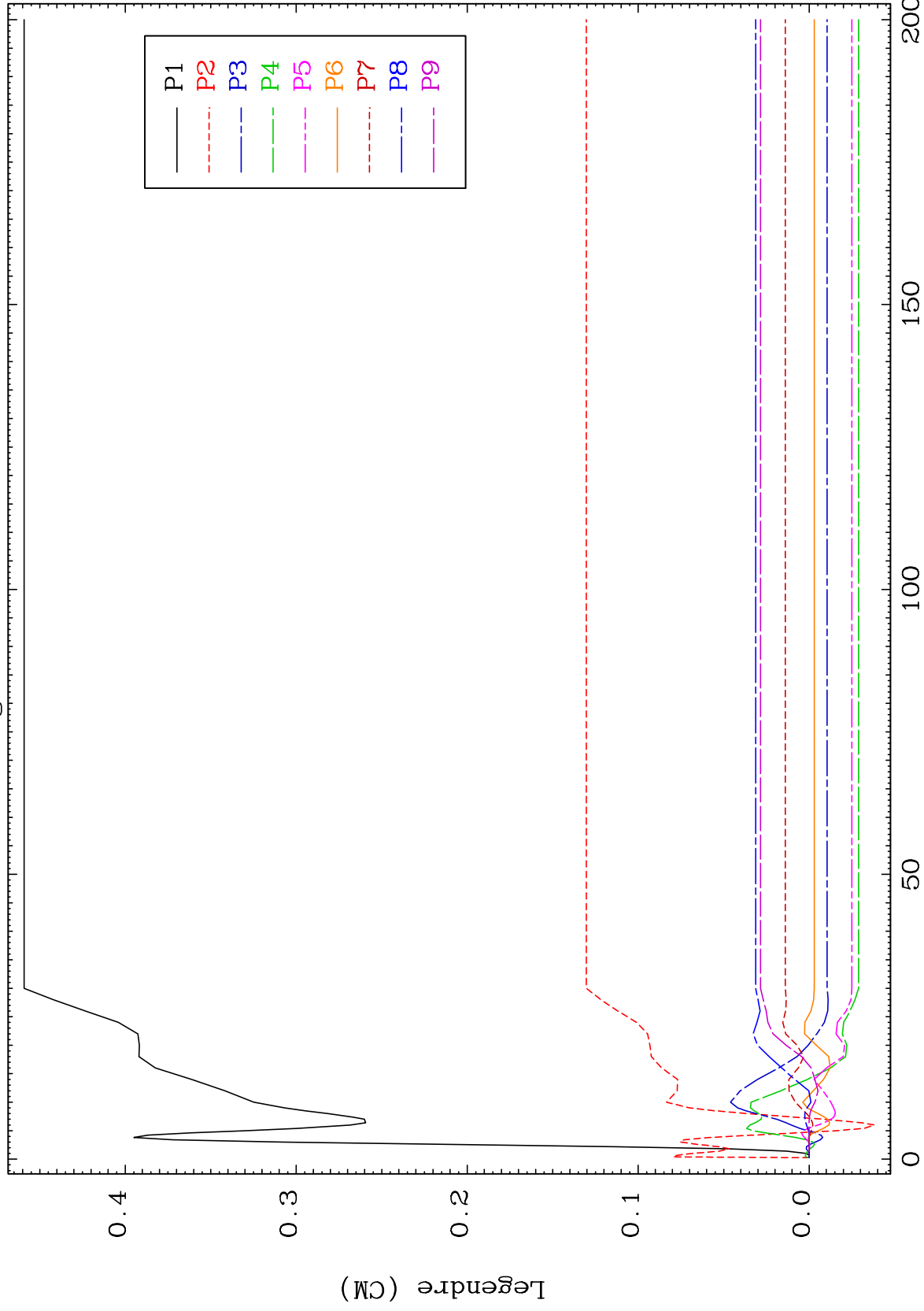




MAT 6910

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

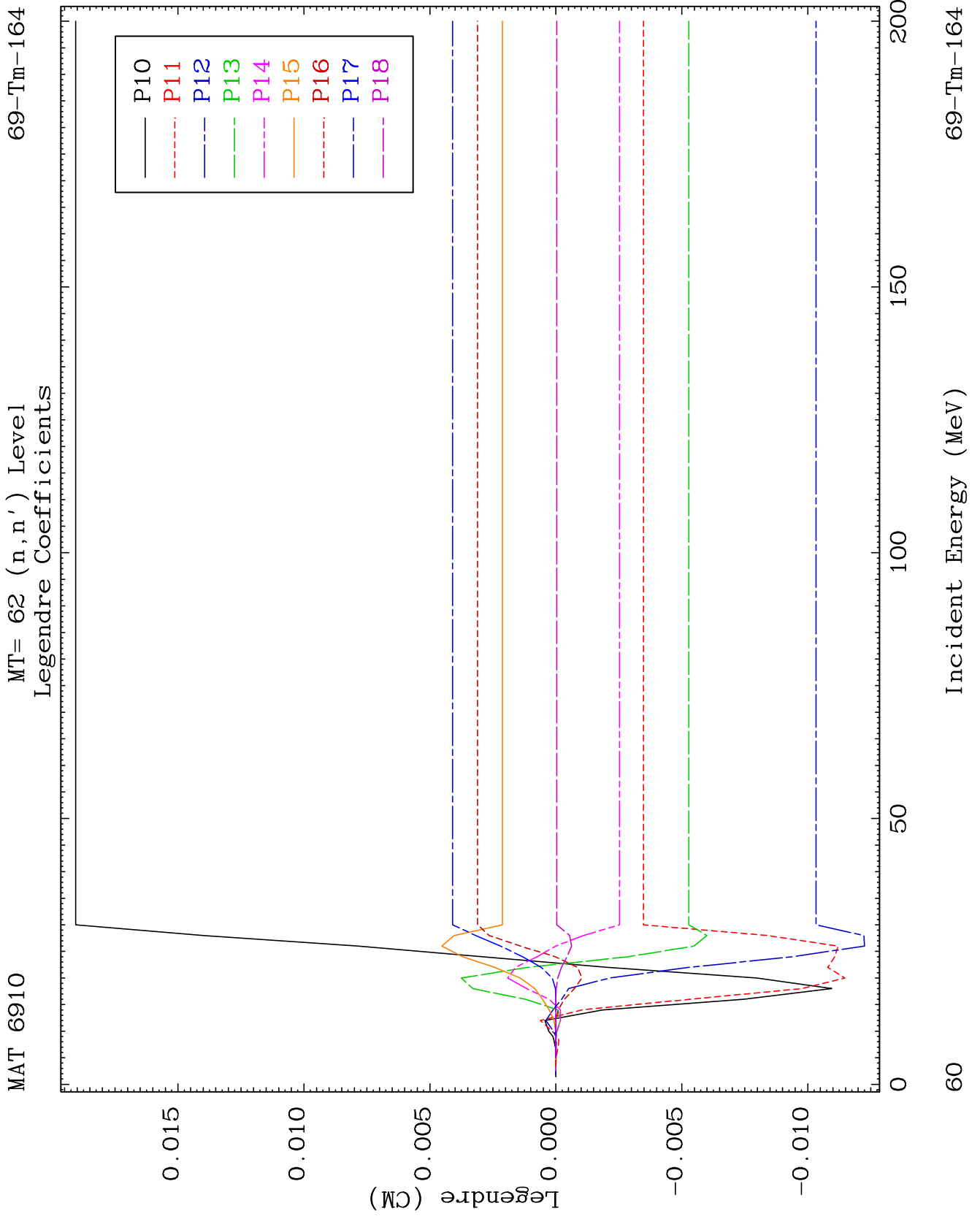
69-Tm-164



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Incident Energy (MeV)

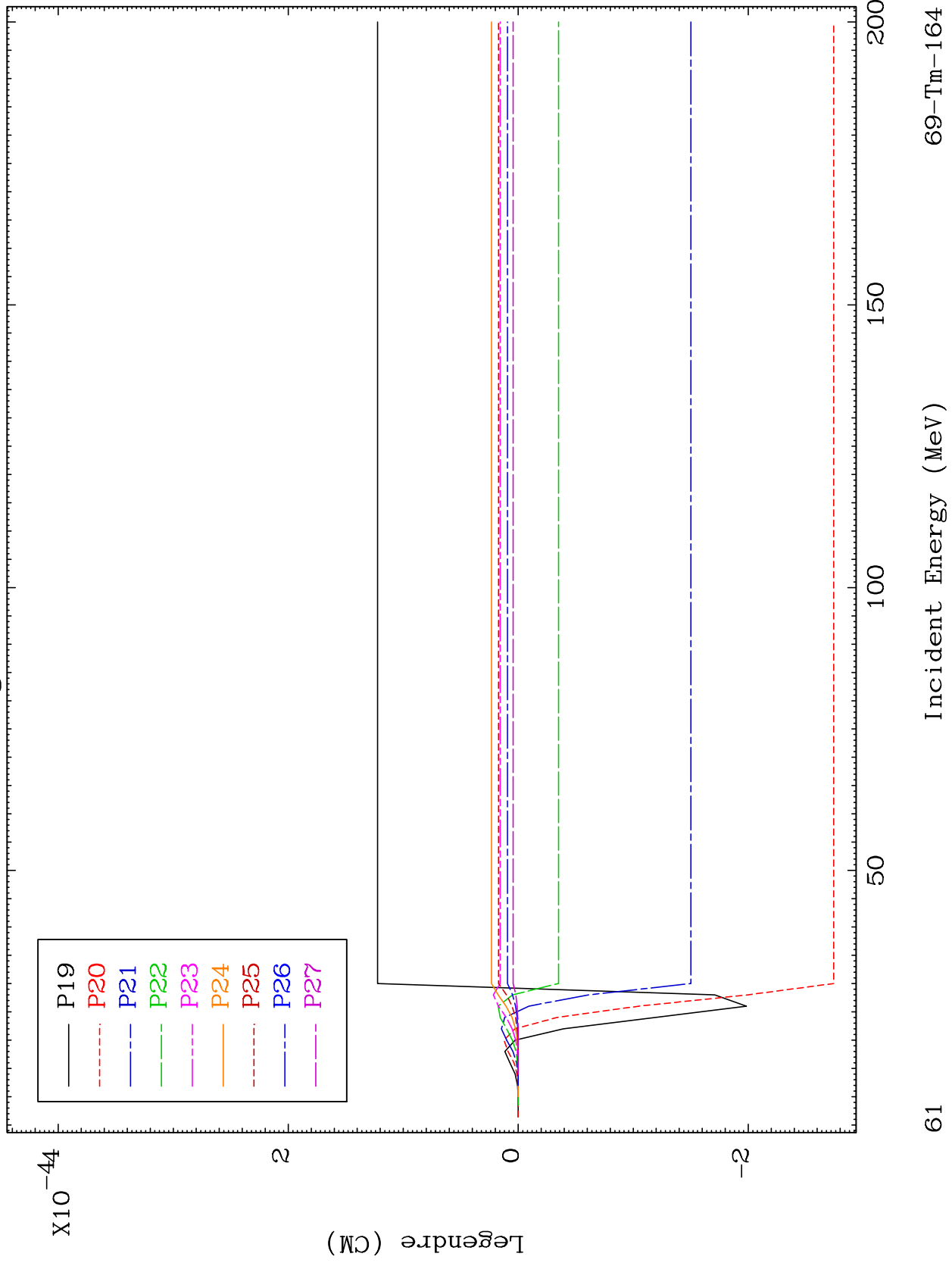
69-Tm-164

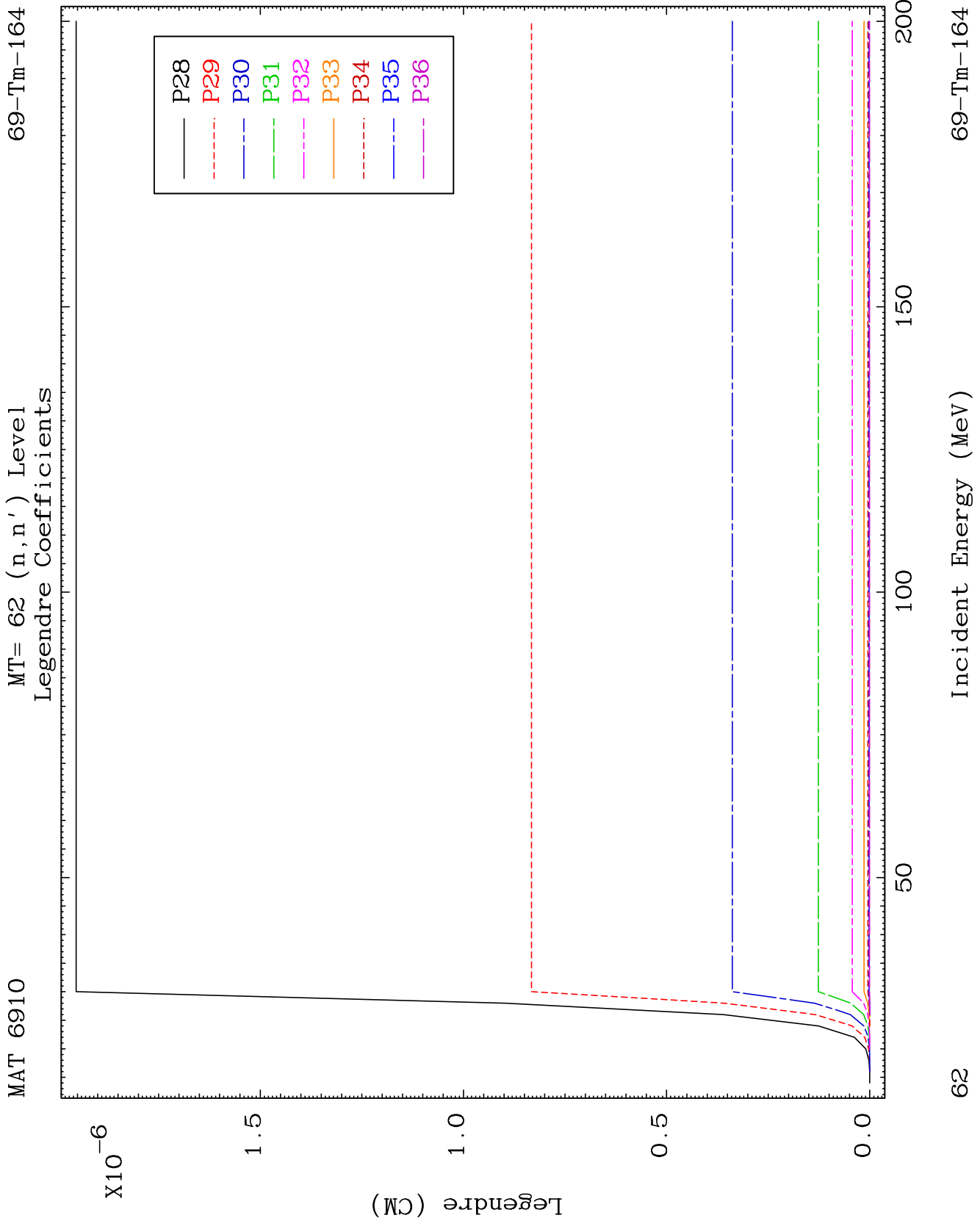


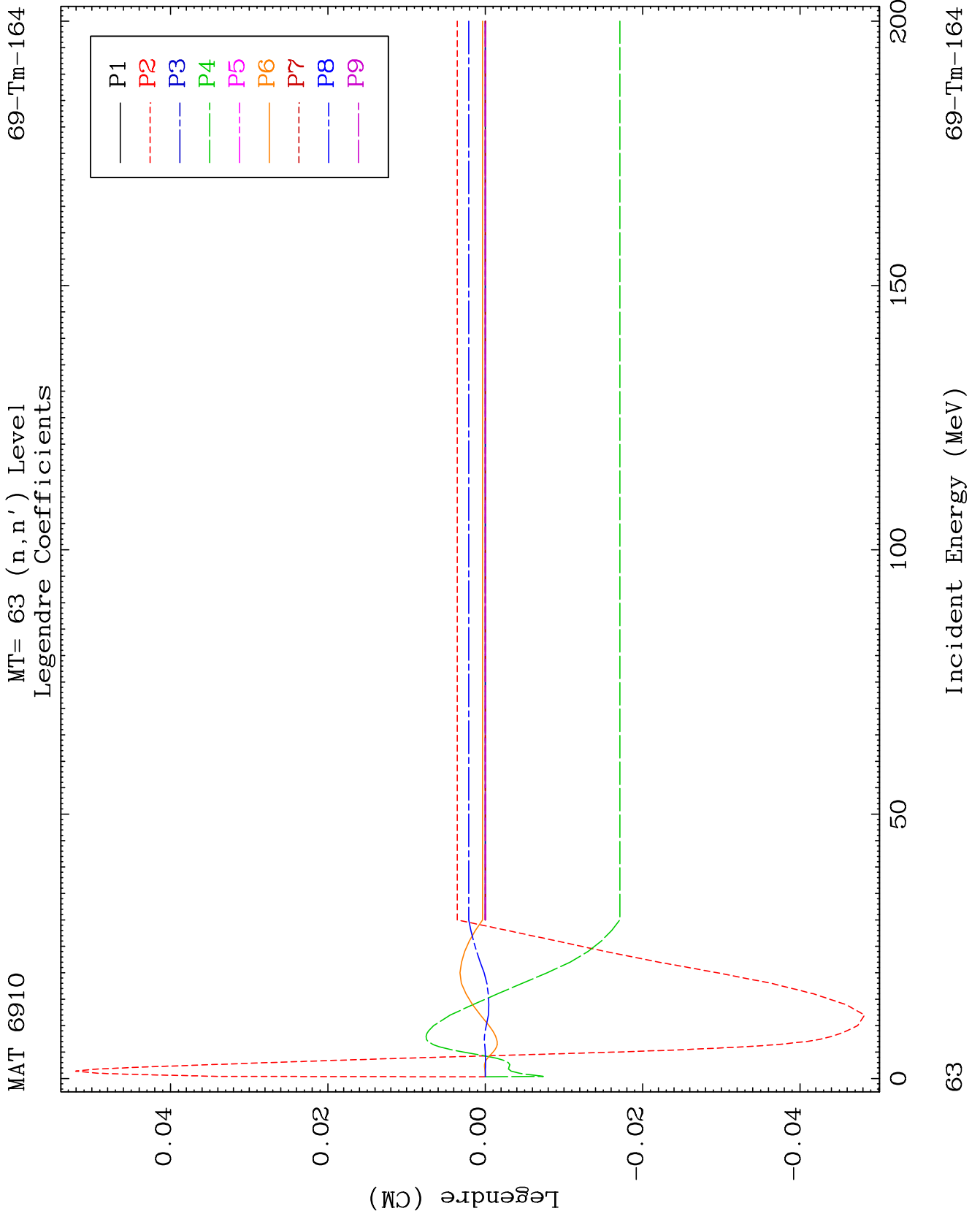
MAT 6910

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

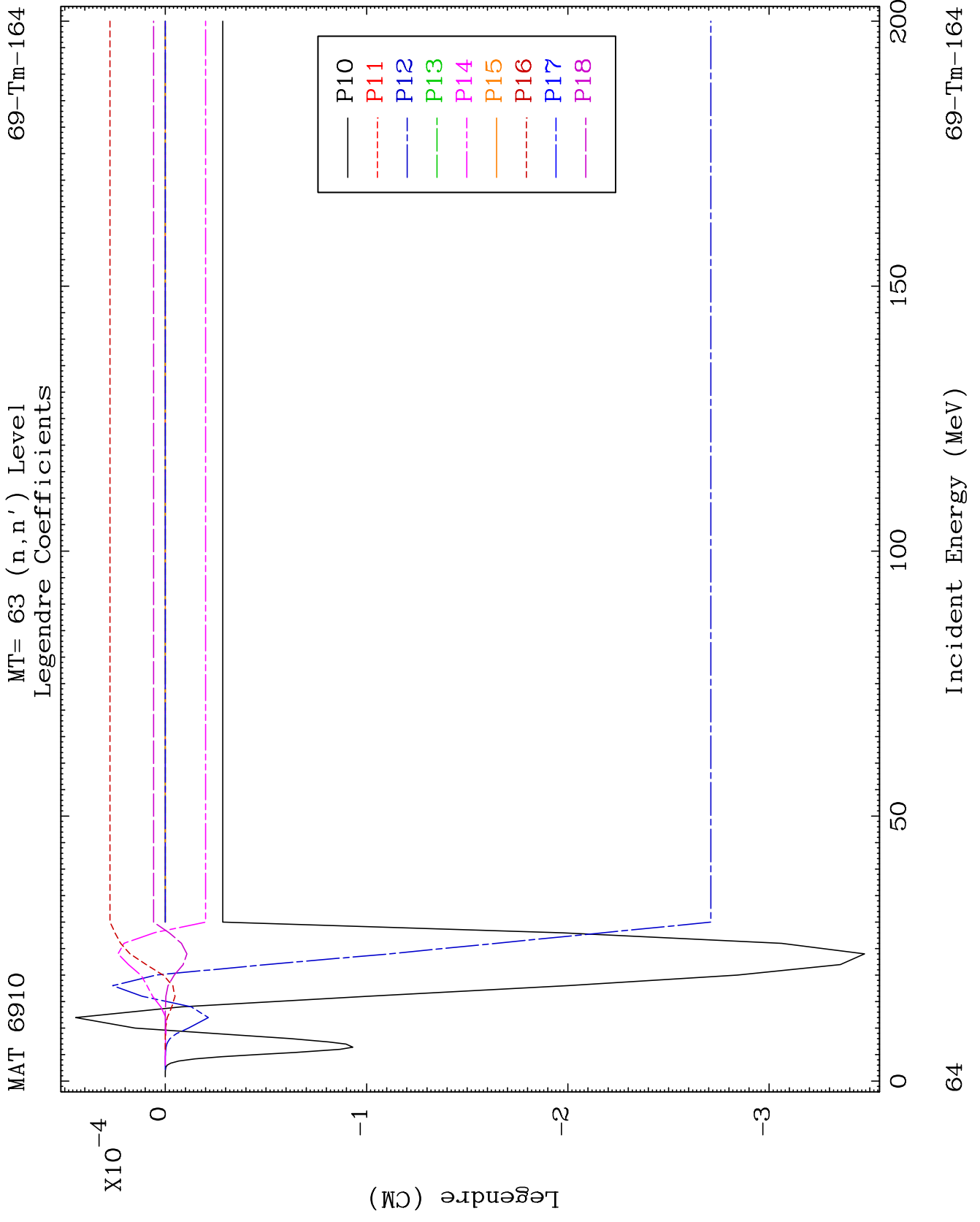
69-Tm-164

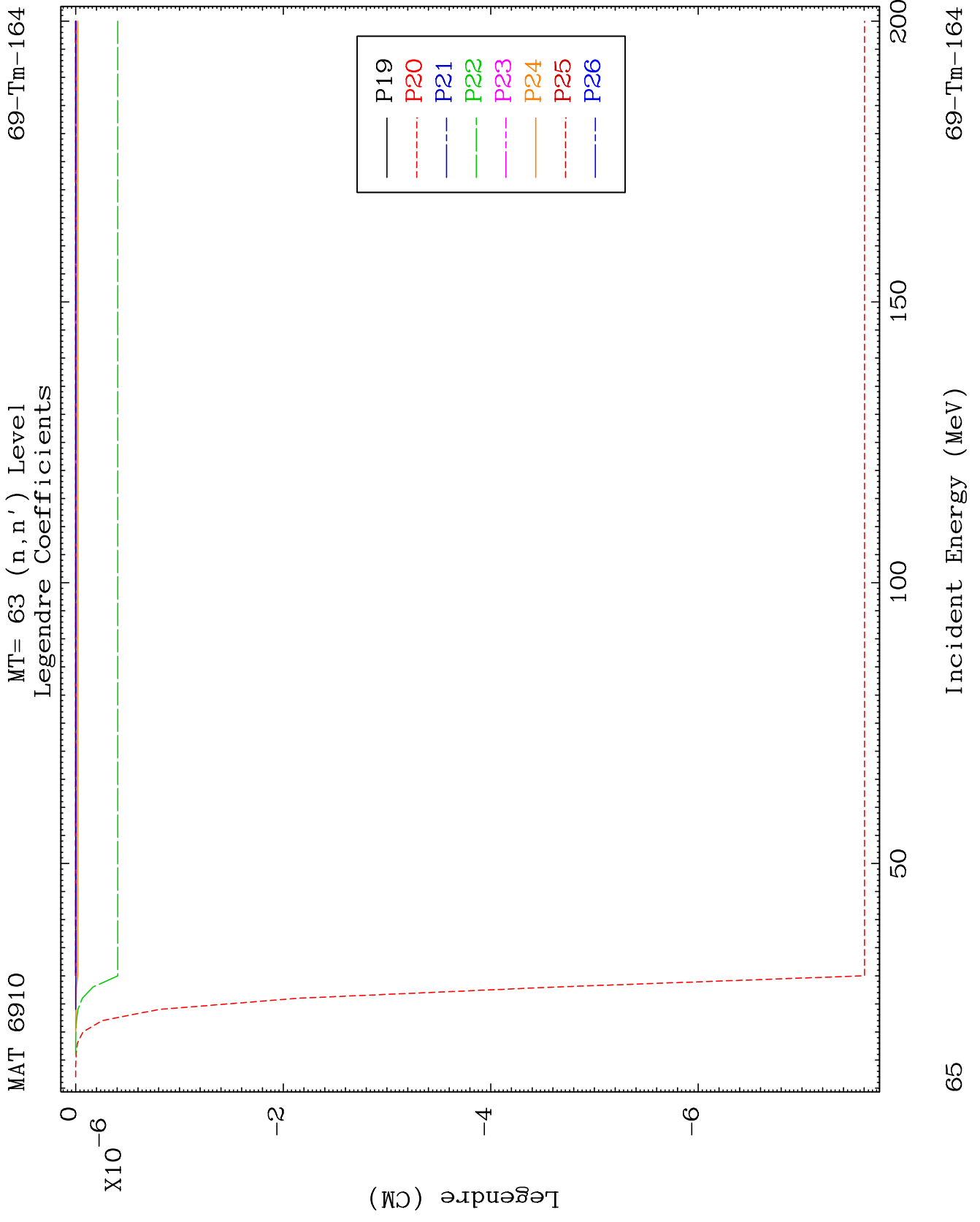


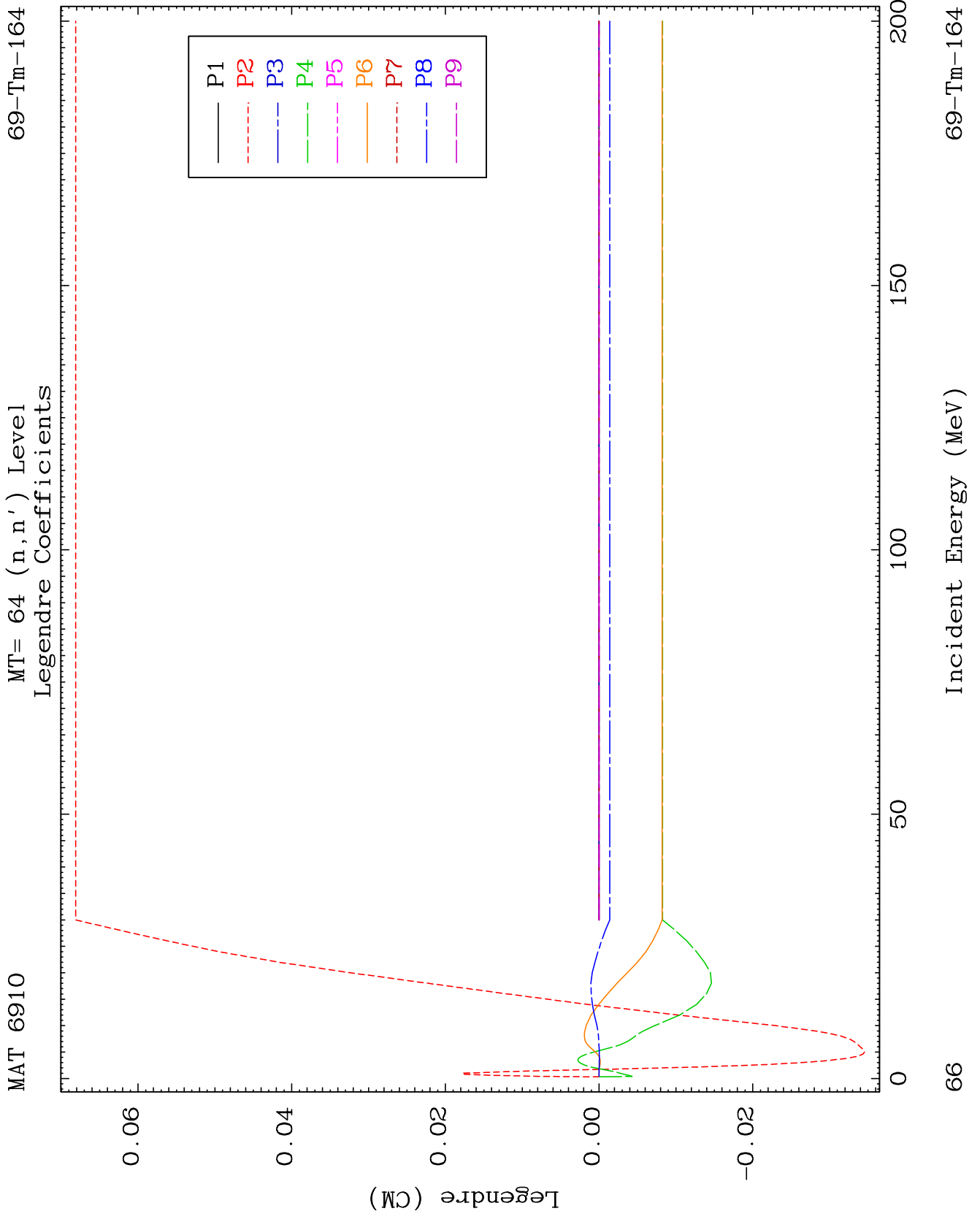








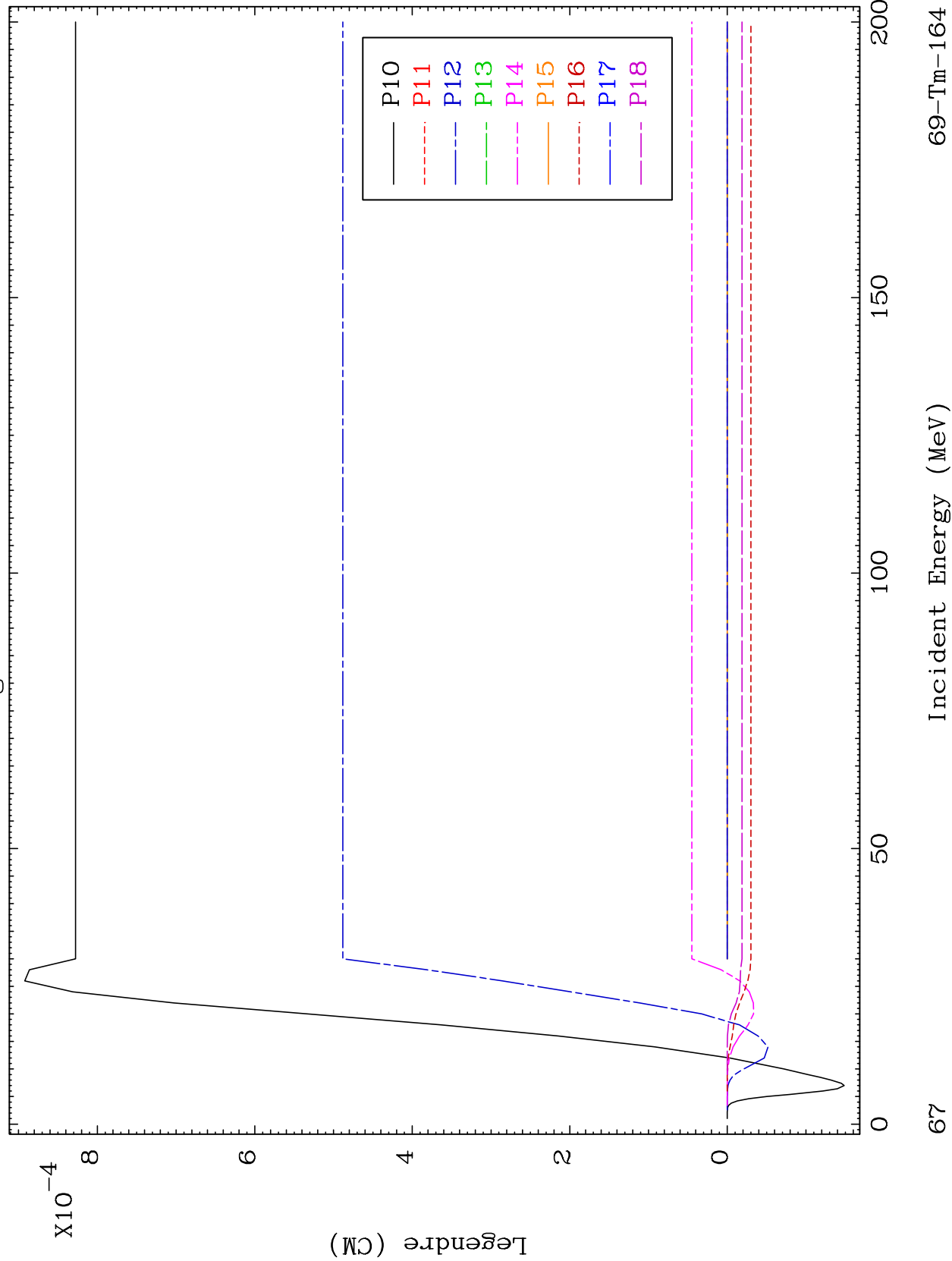


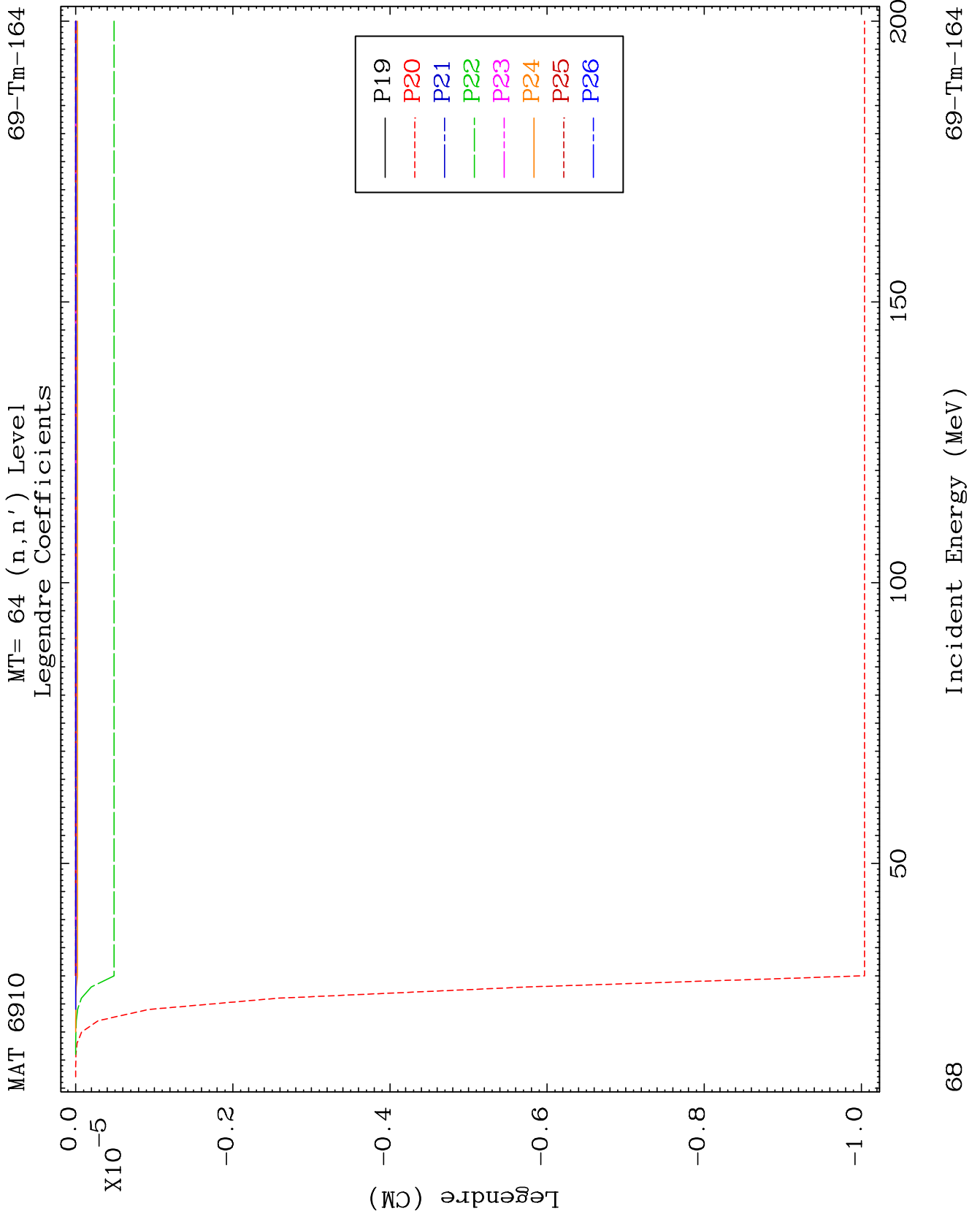


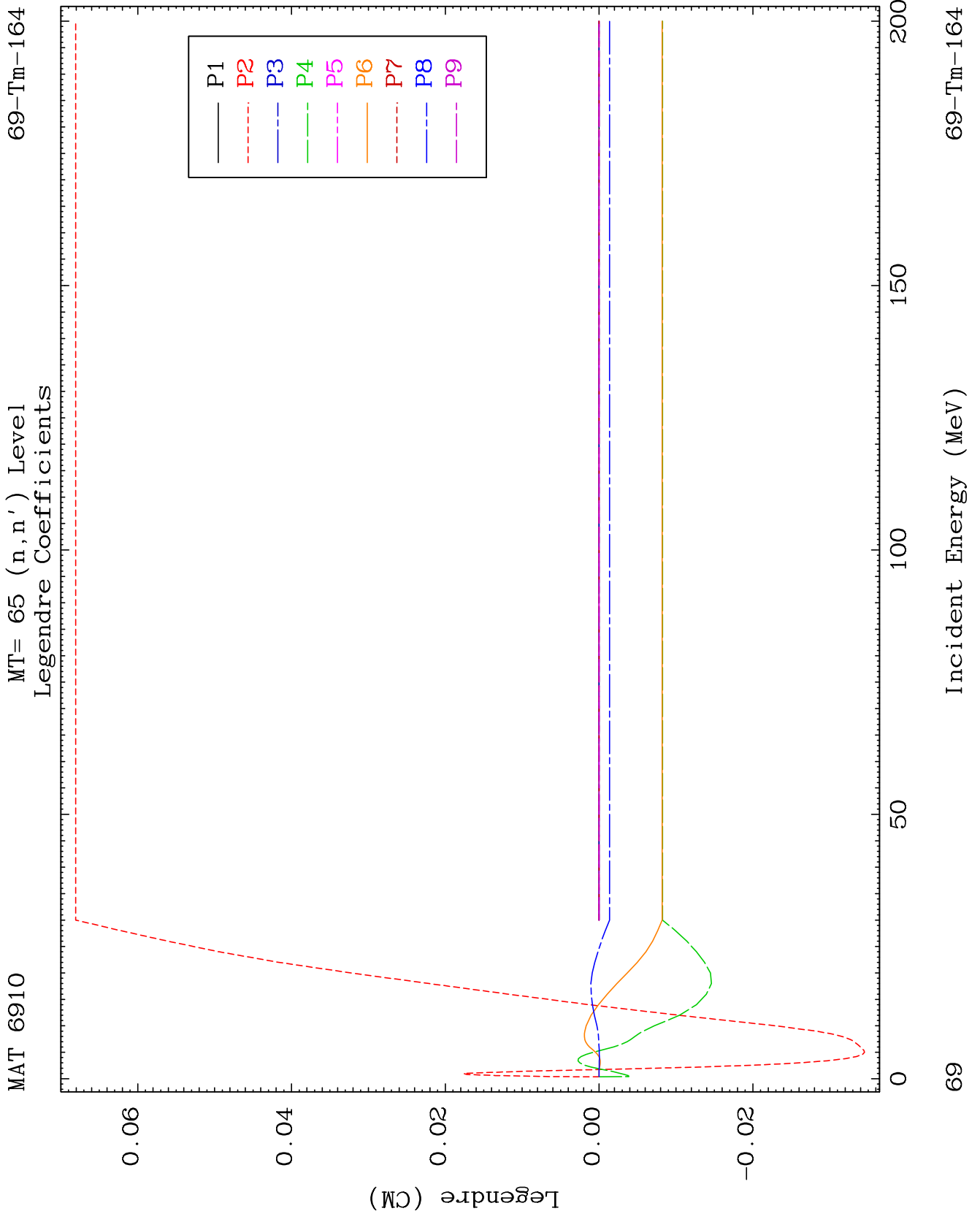
MAT 6910

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

69-Tm-164



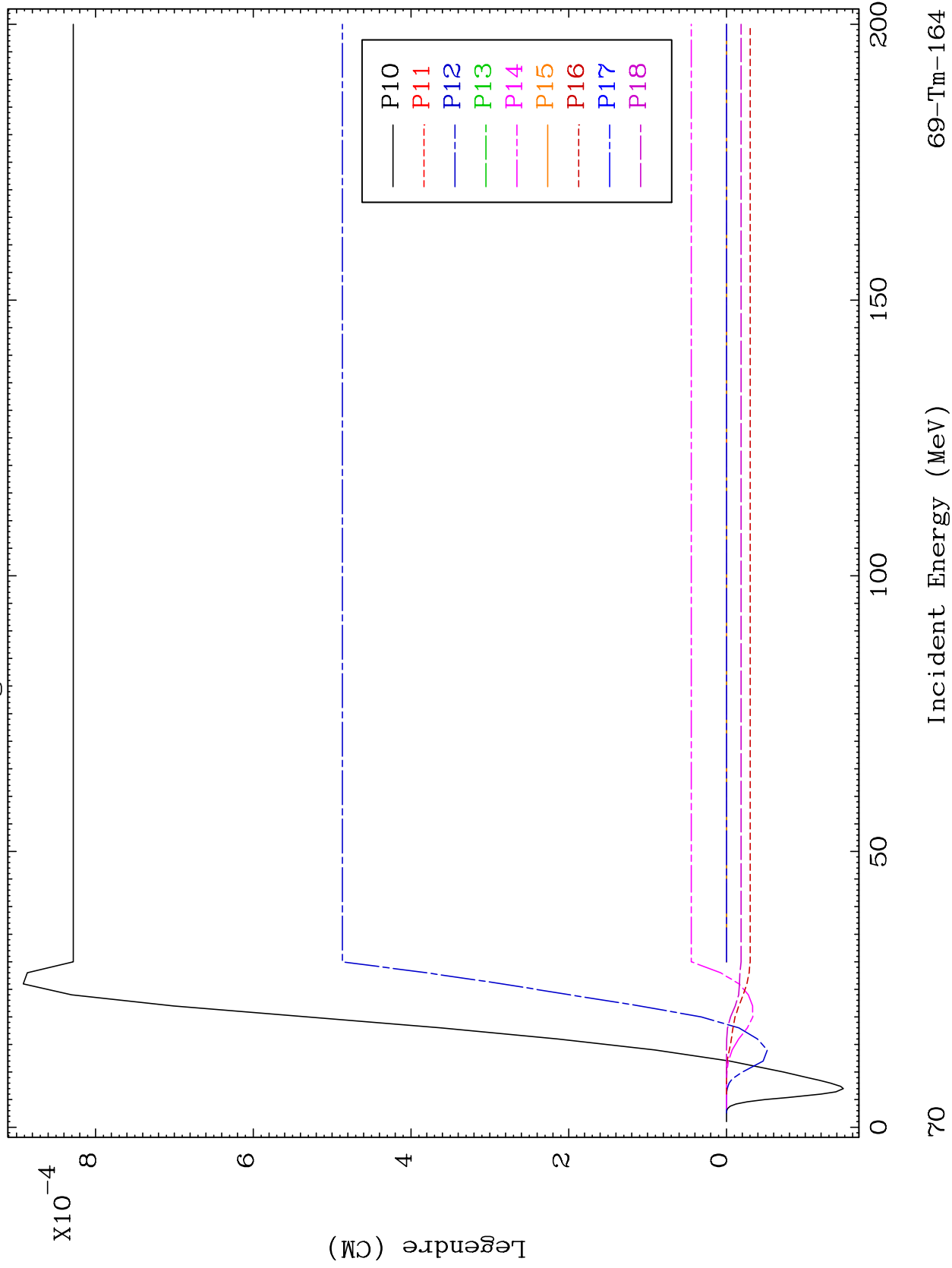


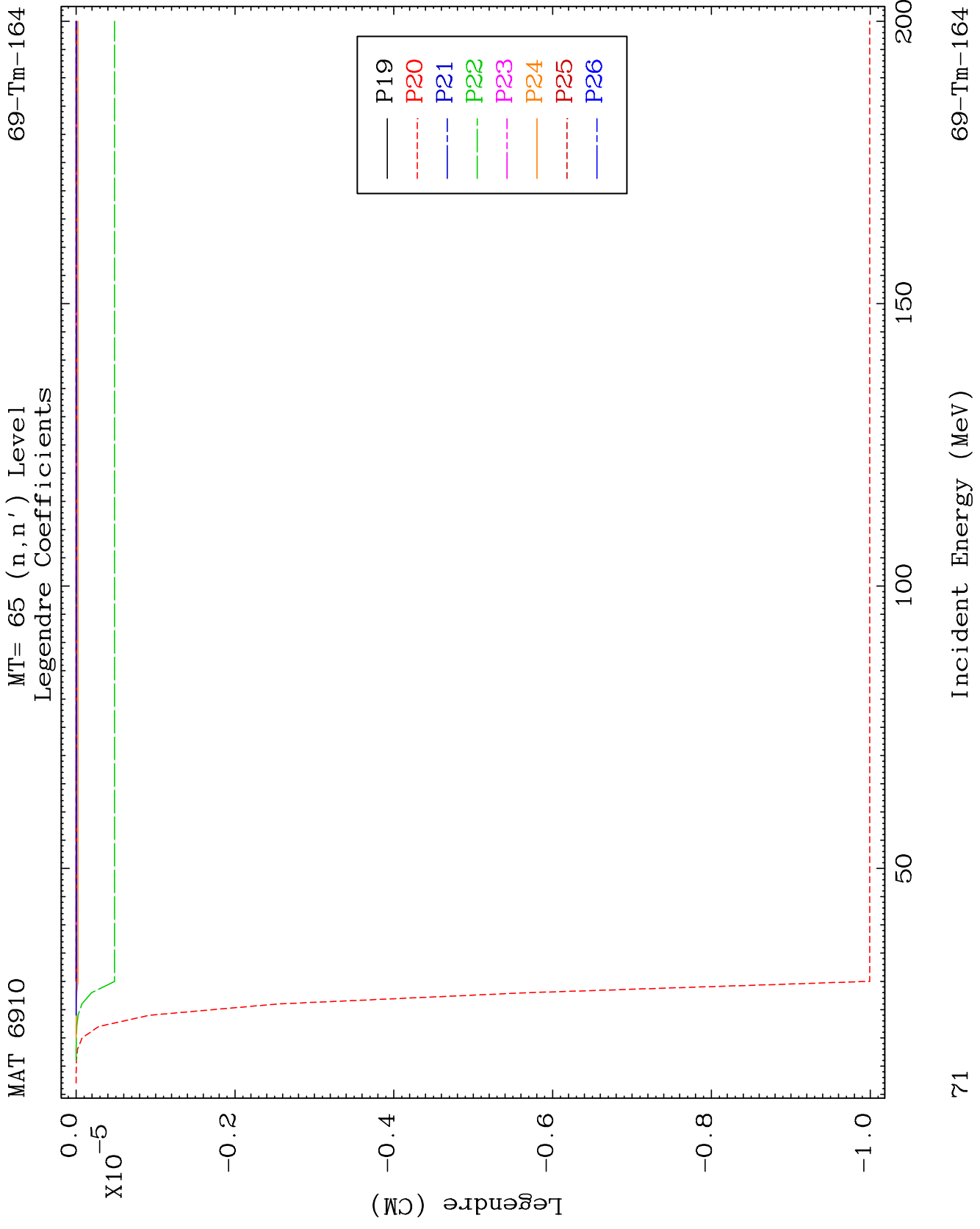


MAT 6910

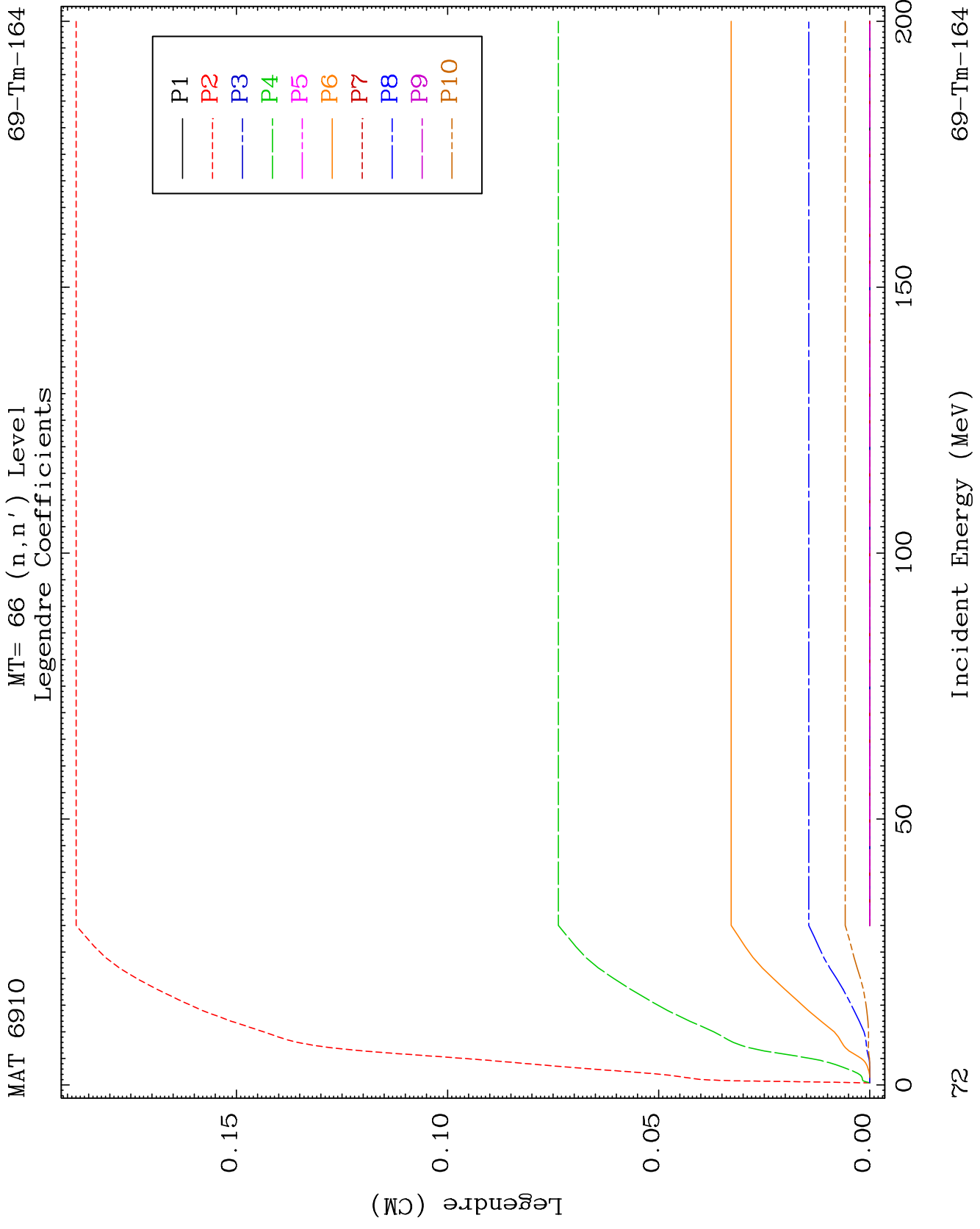
MT= 65 (n,n') Level  
Legendre Coefficients

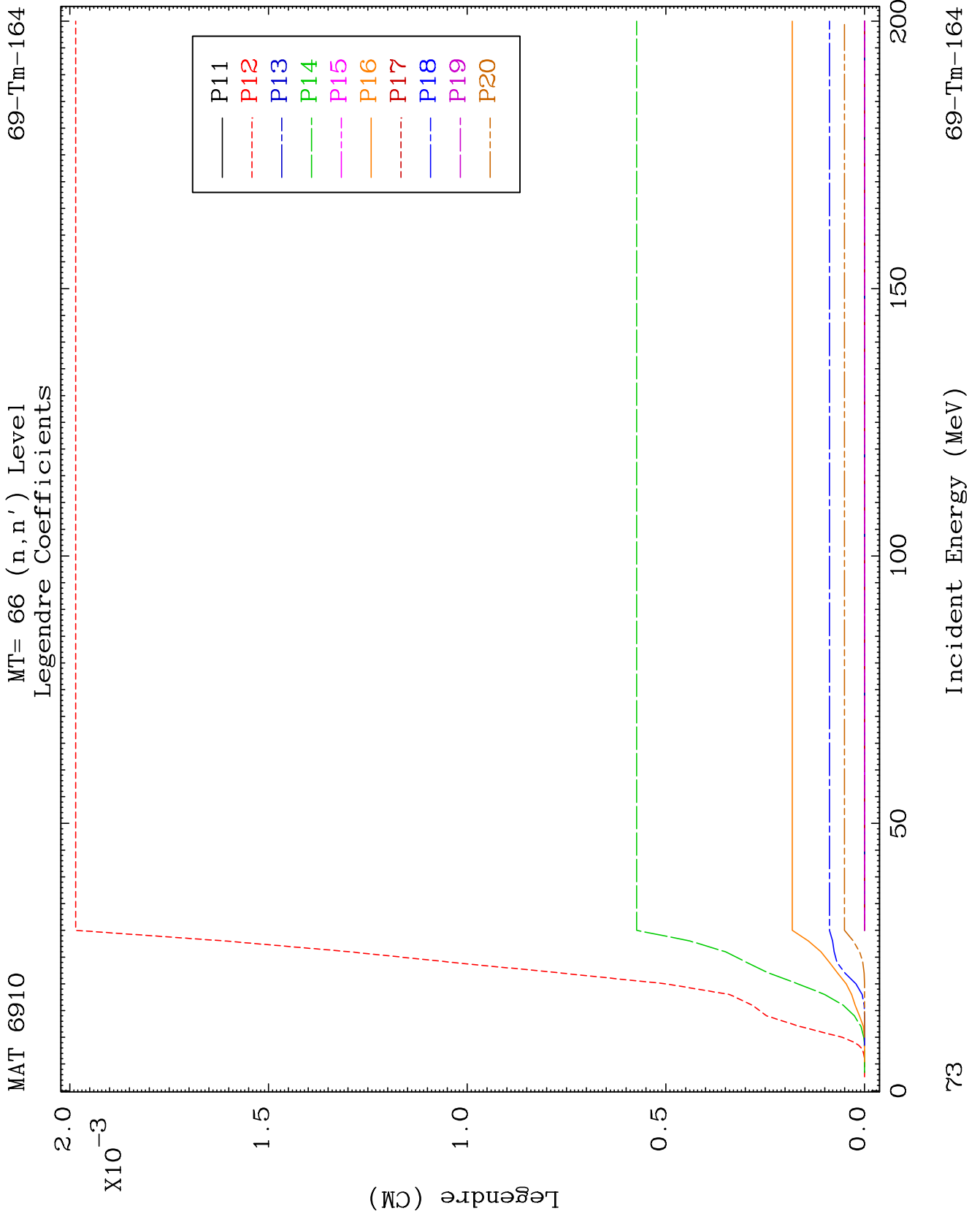
69-Tm-164

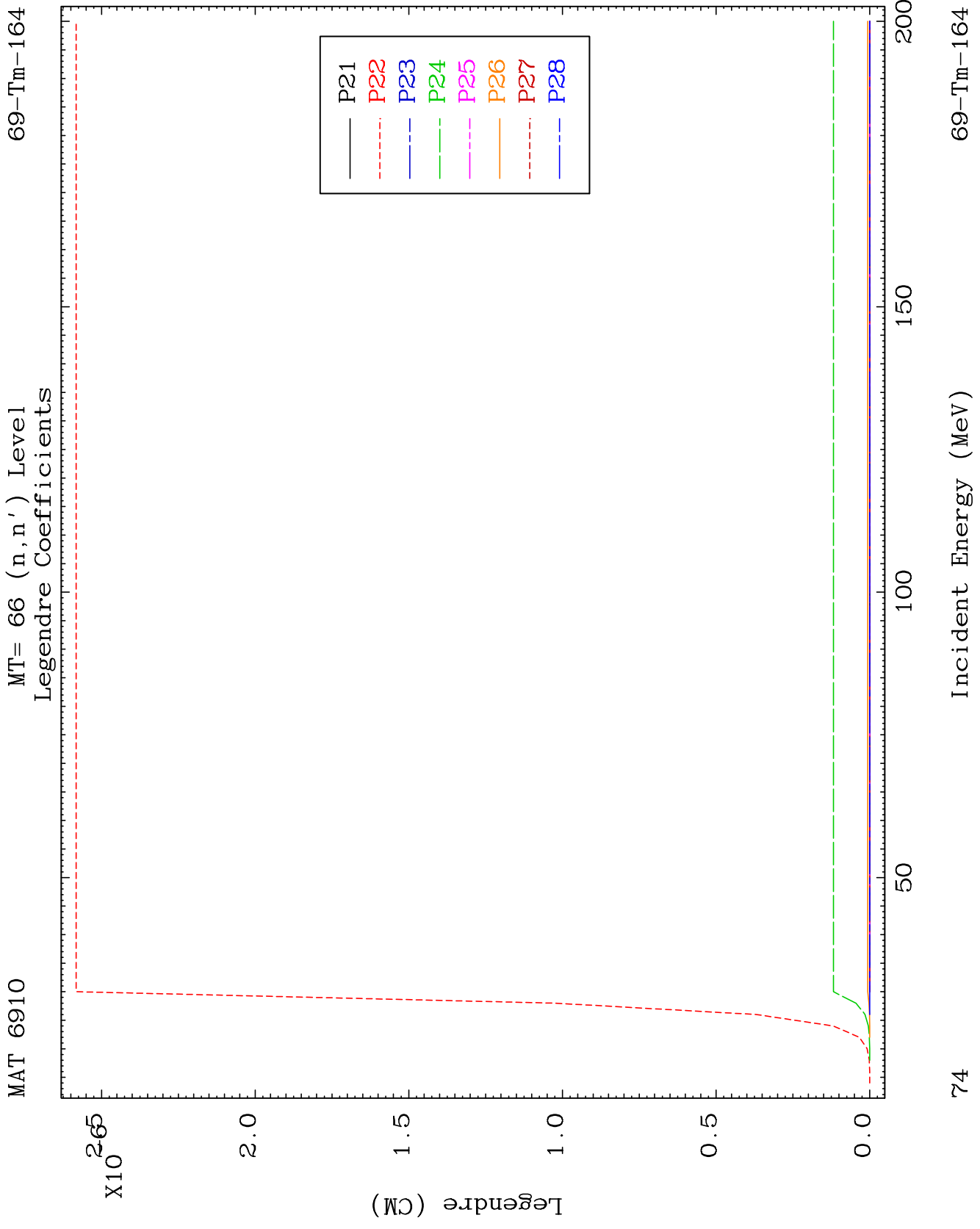


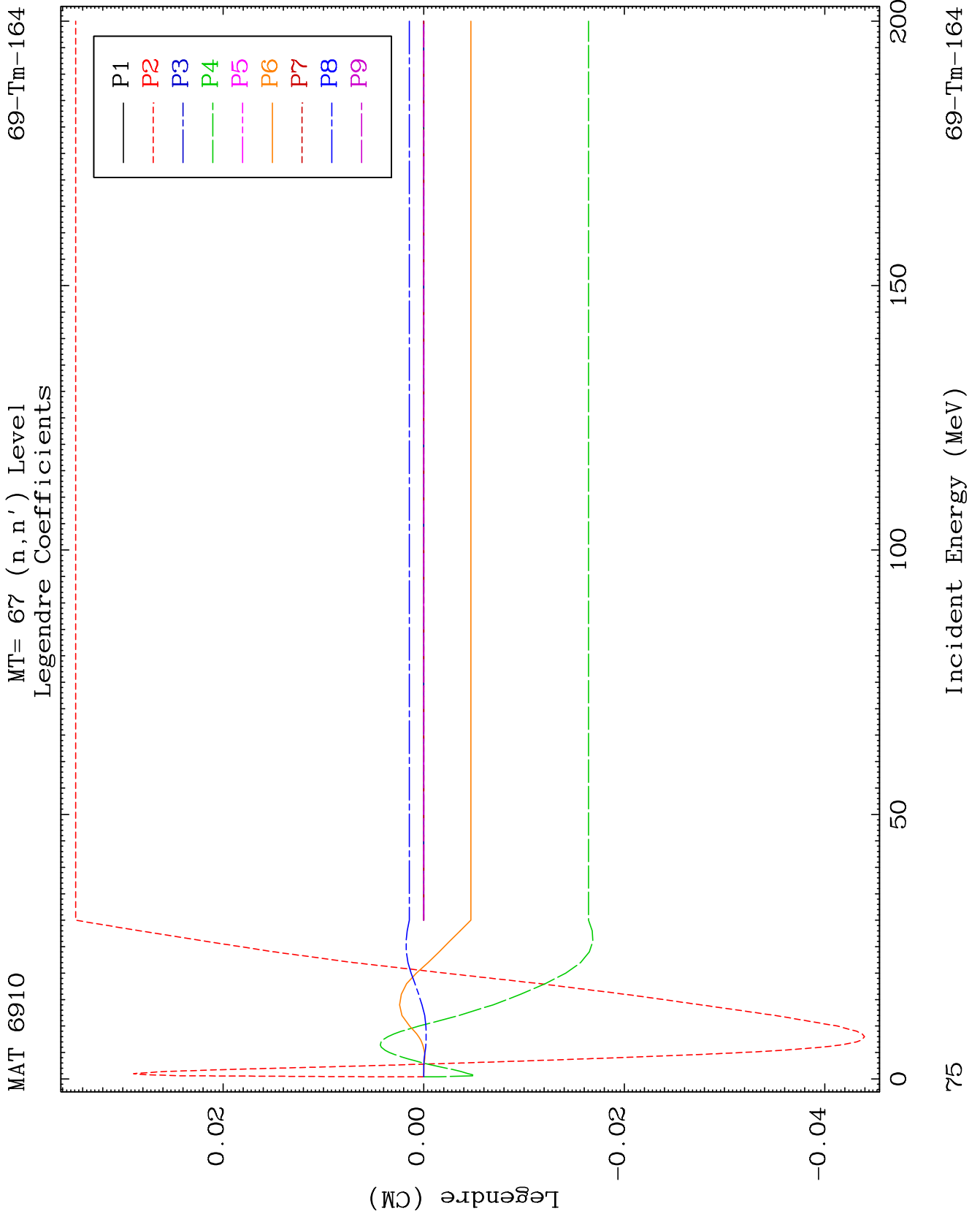








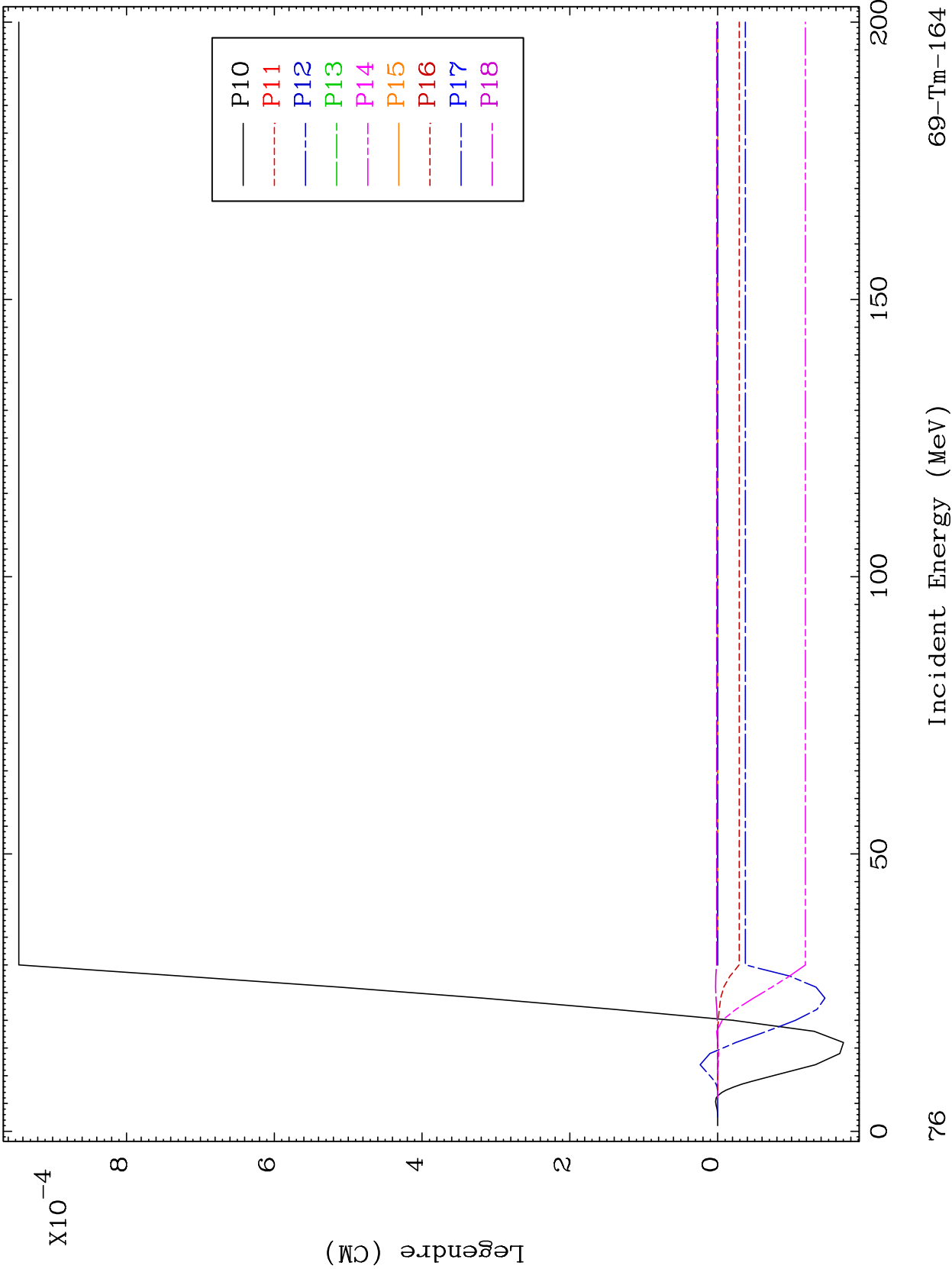




MAT 6910

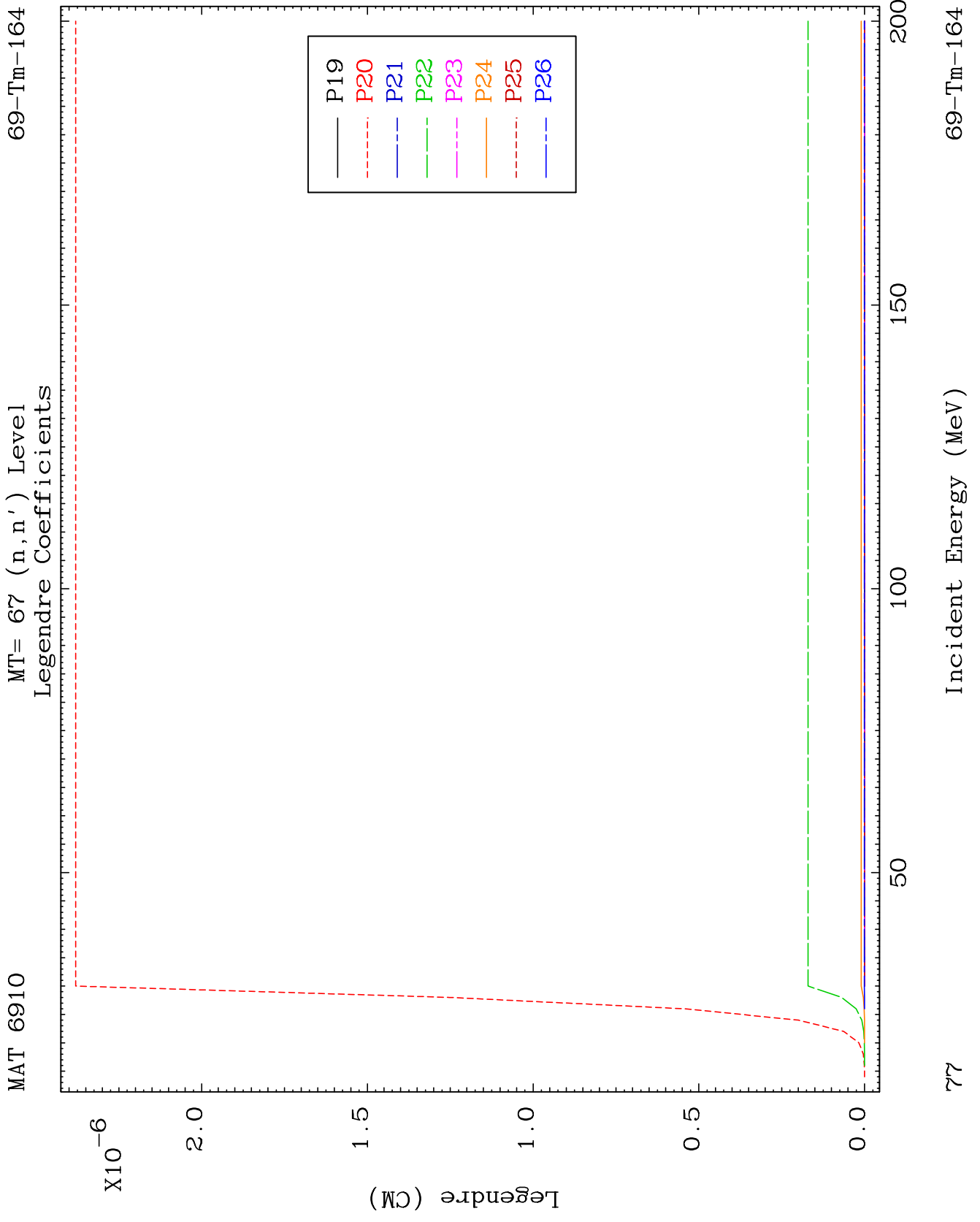
MT= 67 (n,n') Level  
Legendre Coefficients

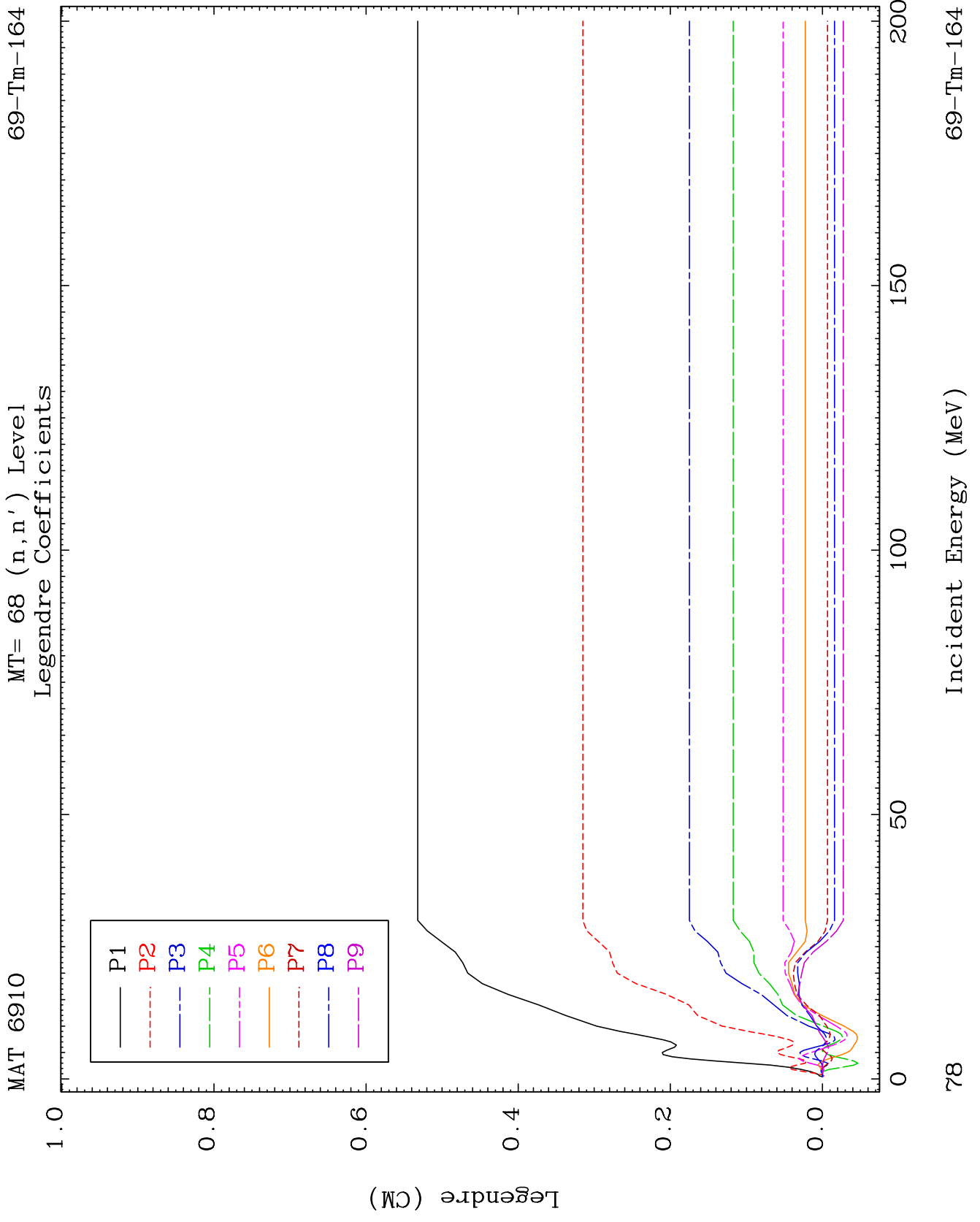
69-Tm-164



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69-Tm-164

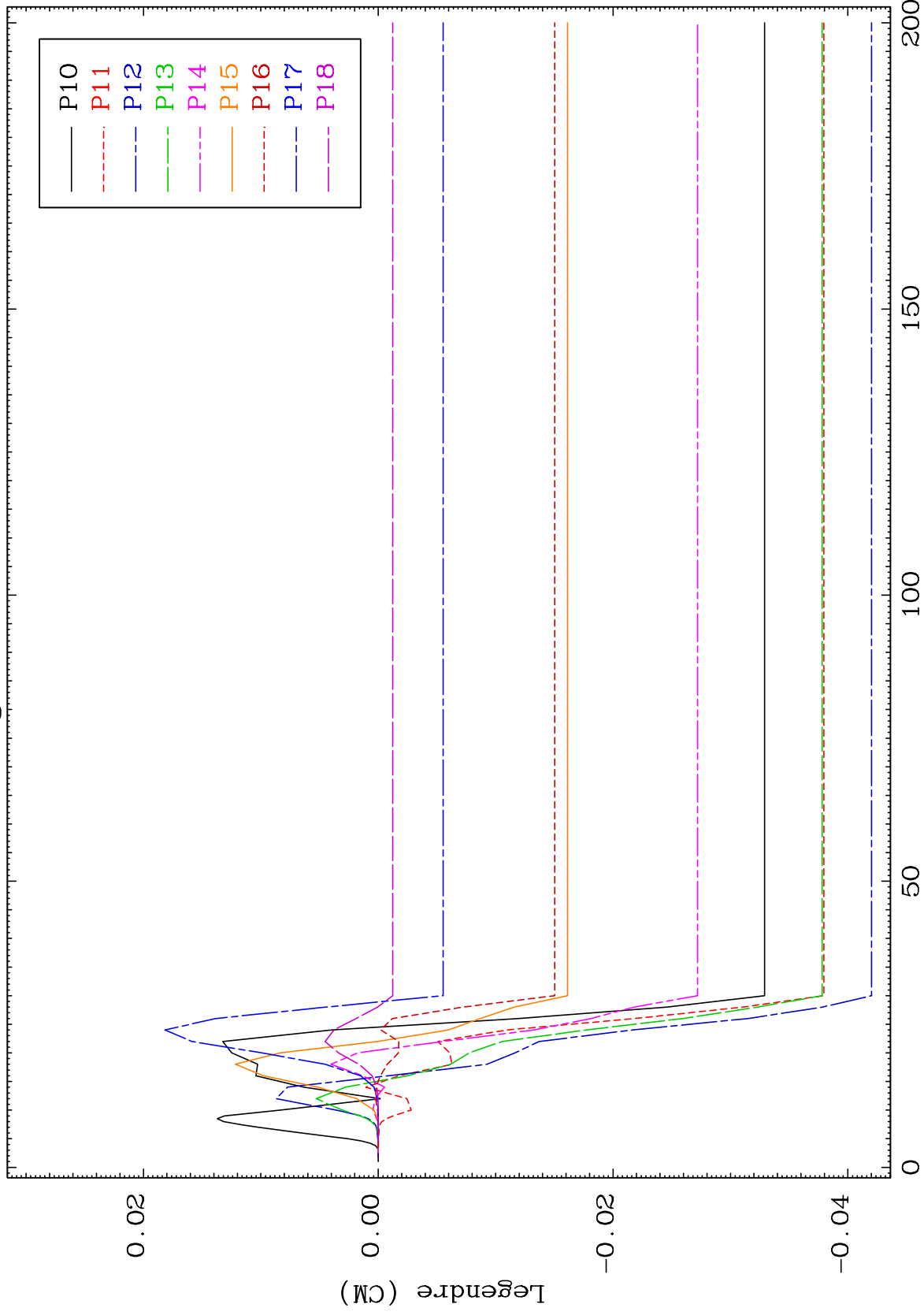




MAT 6910

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

69-Tm-164

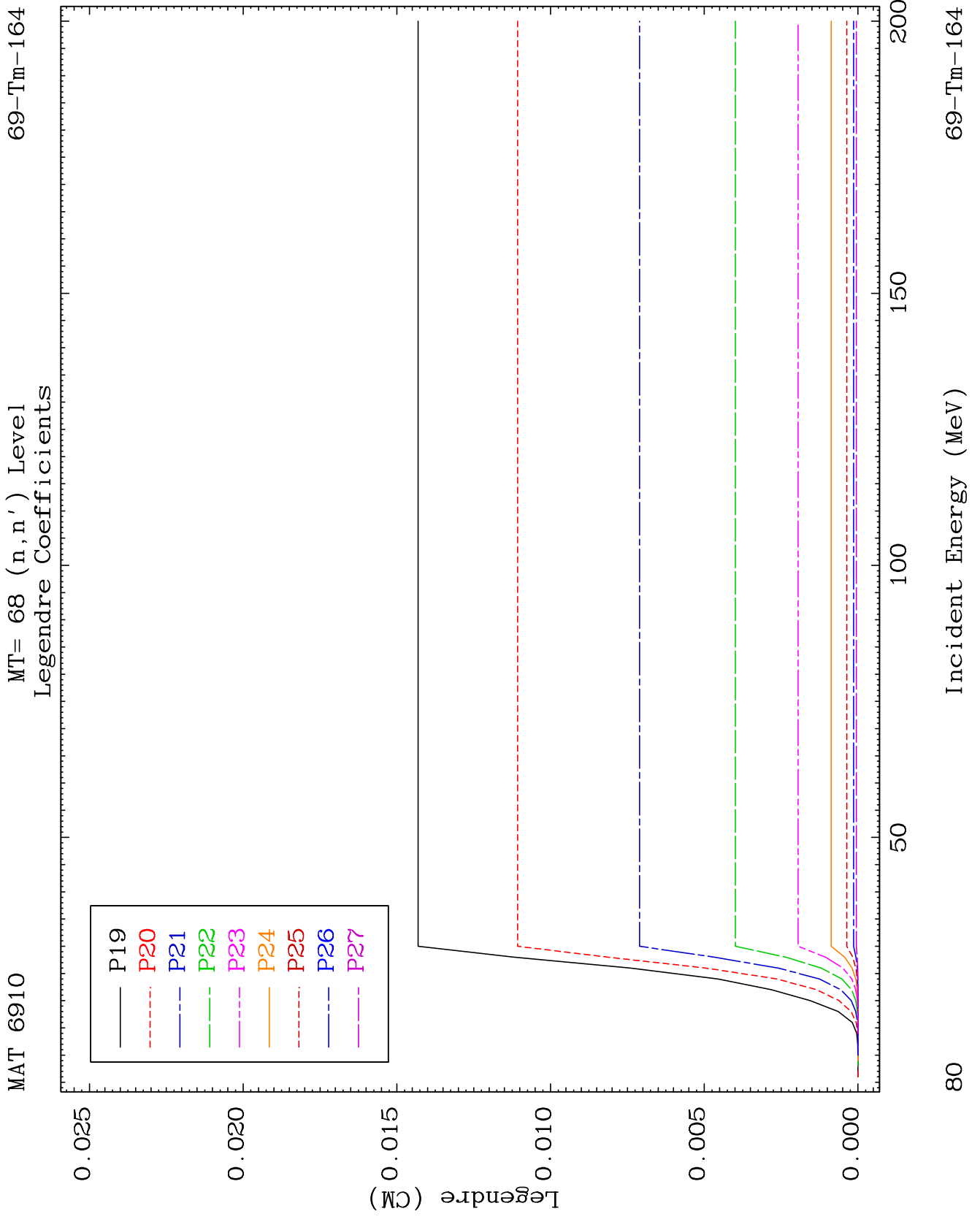


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Incident Energy (MeV)

69-Tm-164

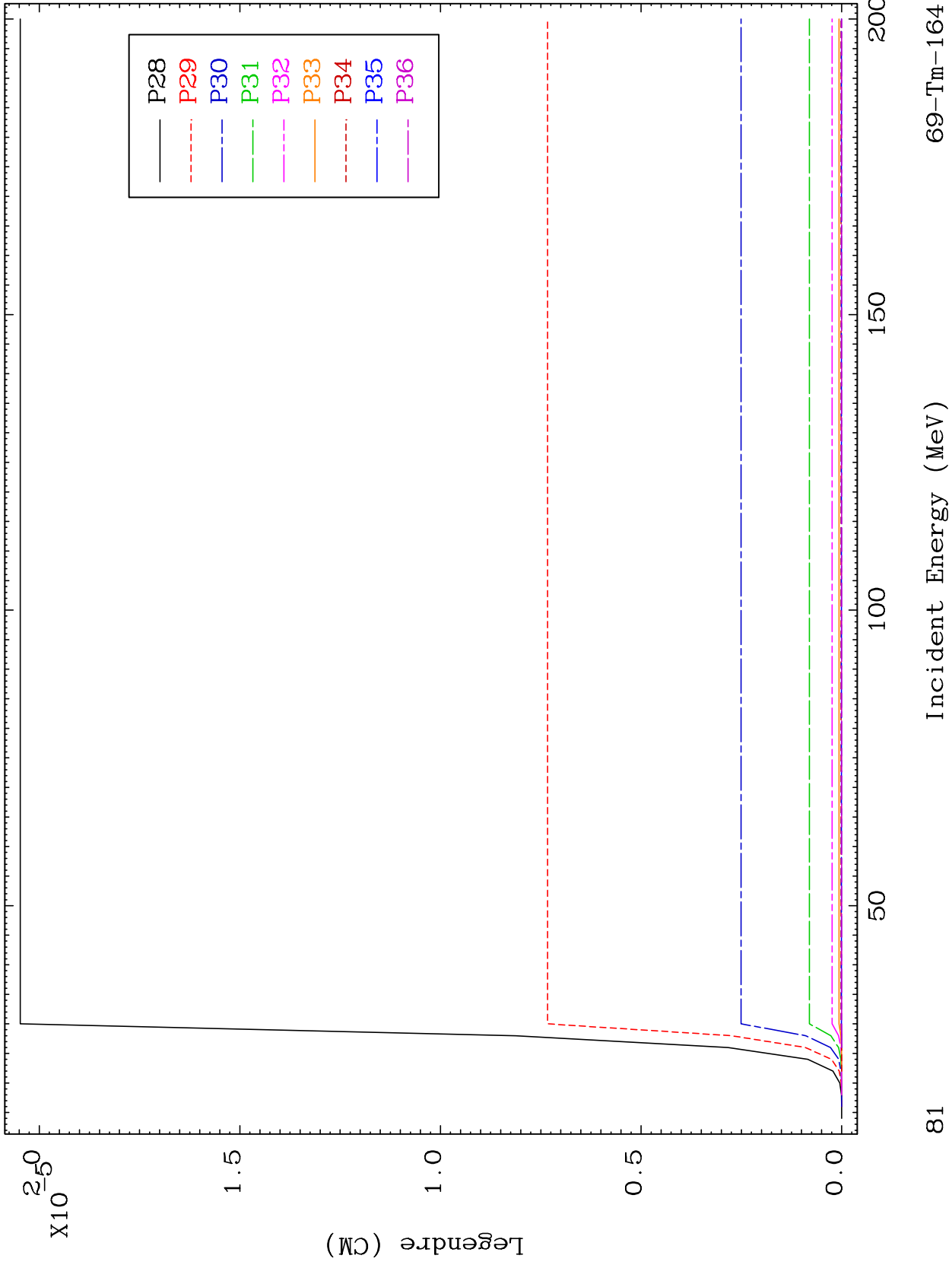




MAT 6910

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

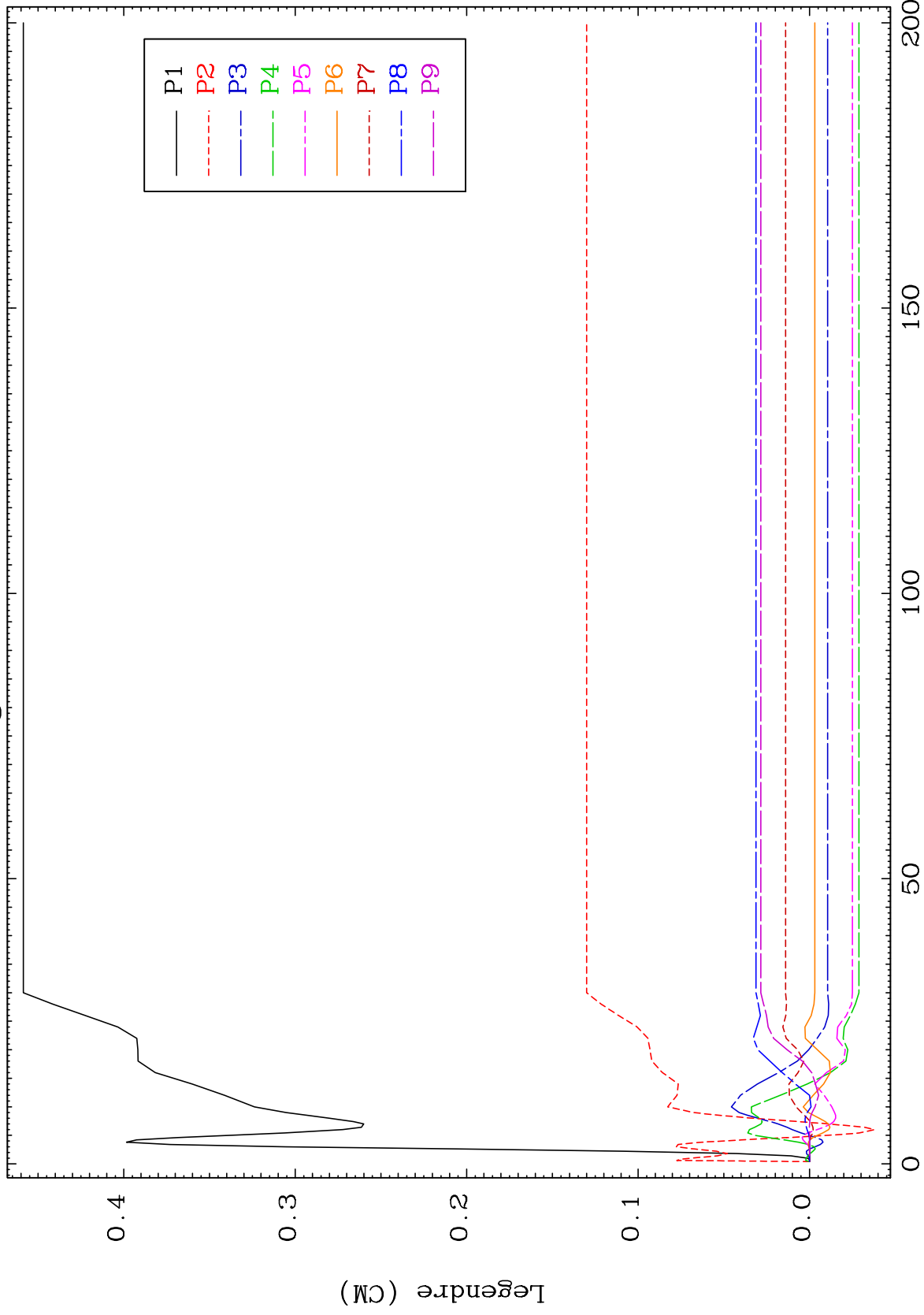
69-Tm-164



MAT 6910

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

69-Tm-164



82

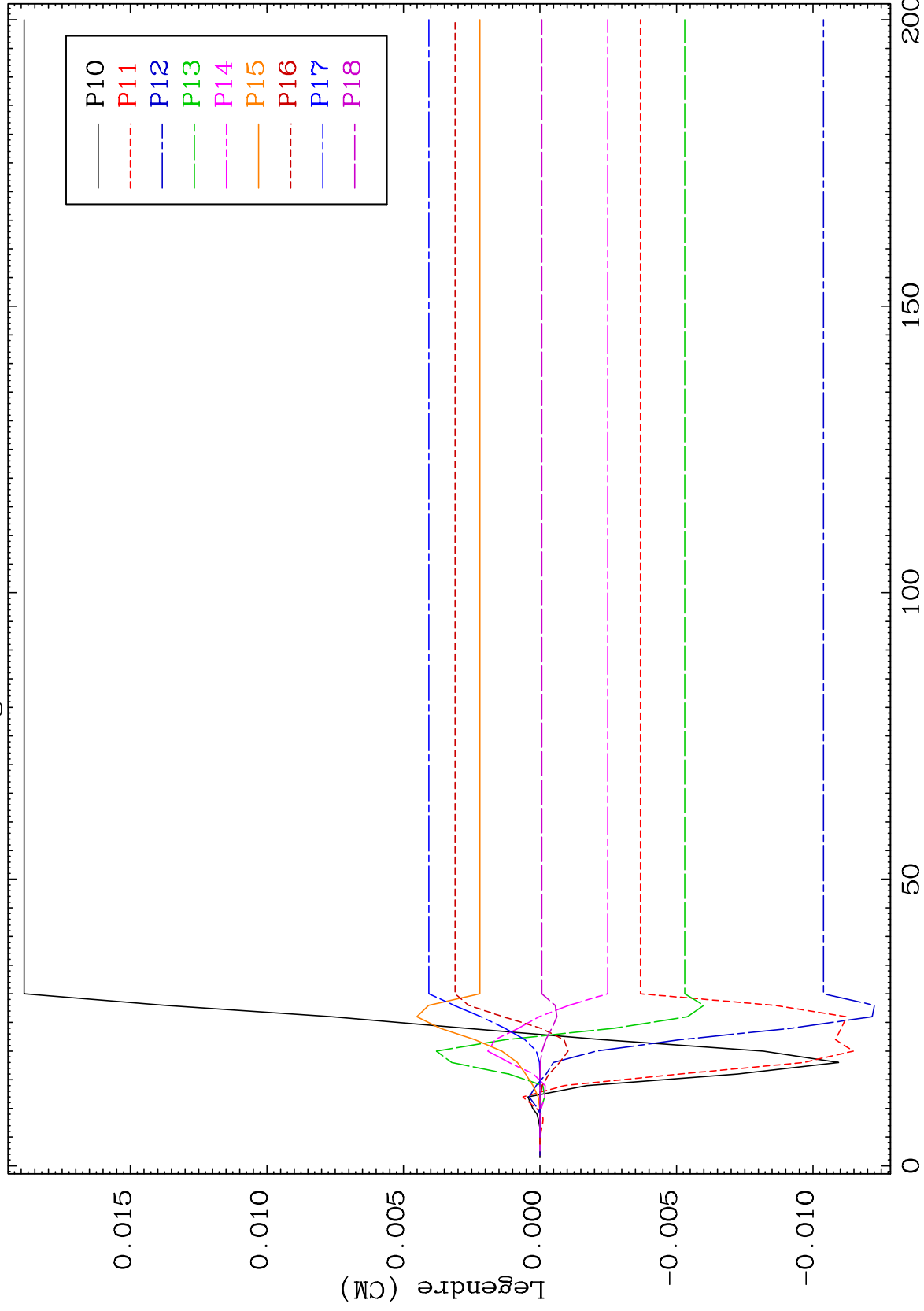
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



83

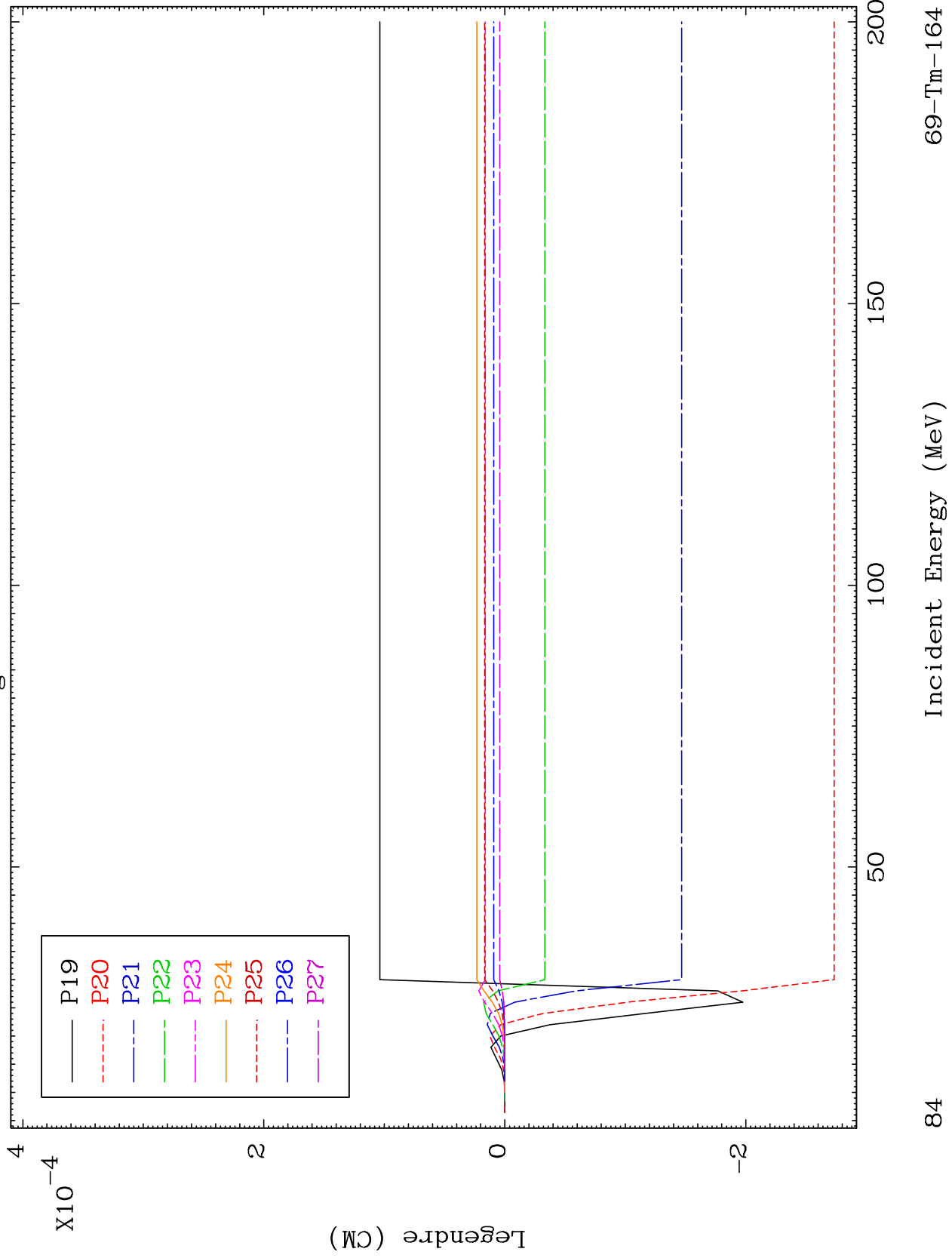
Incident Energy (MeV)

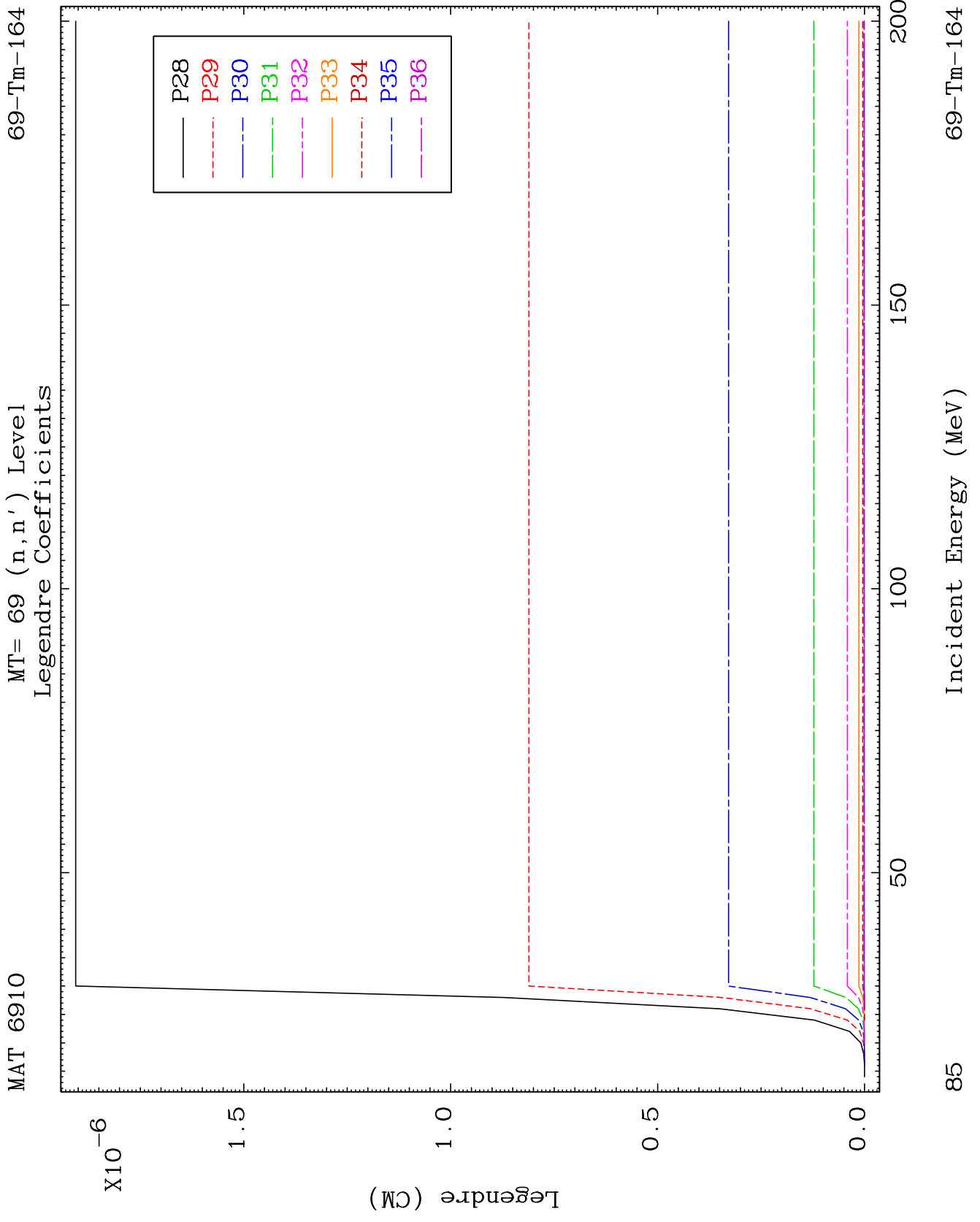
69-Tm-164

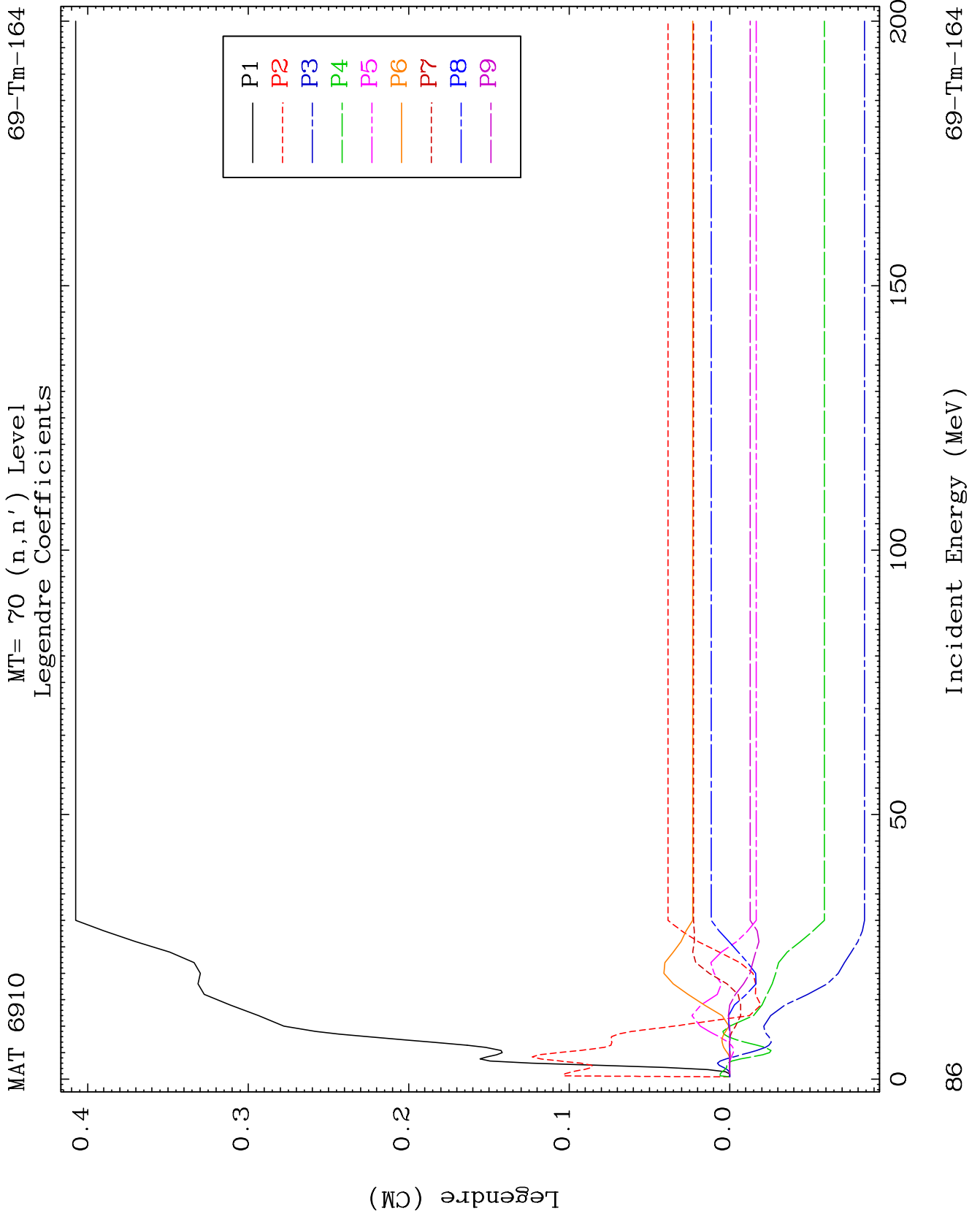
MAT 6910

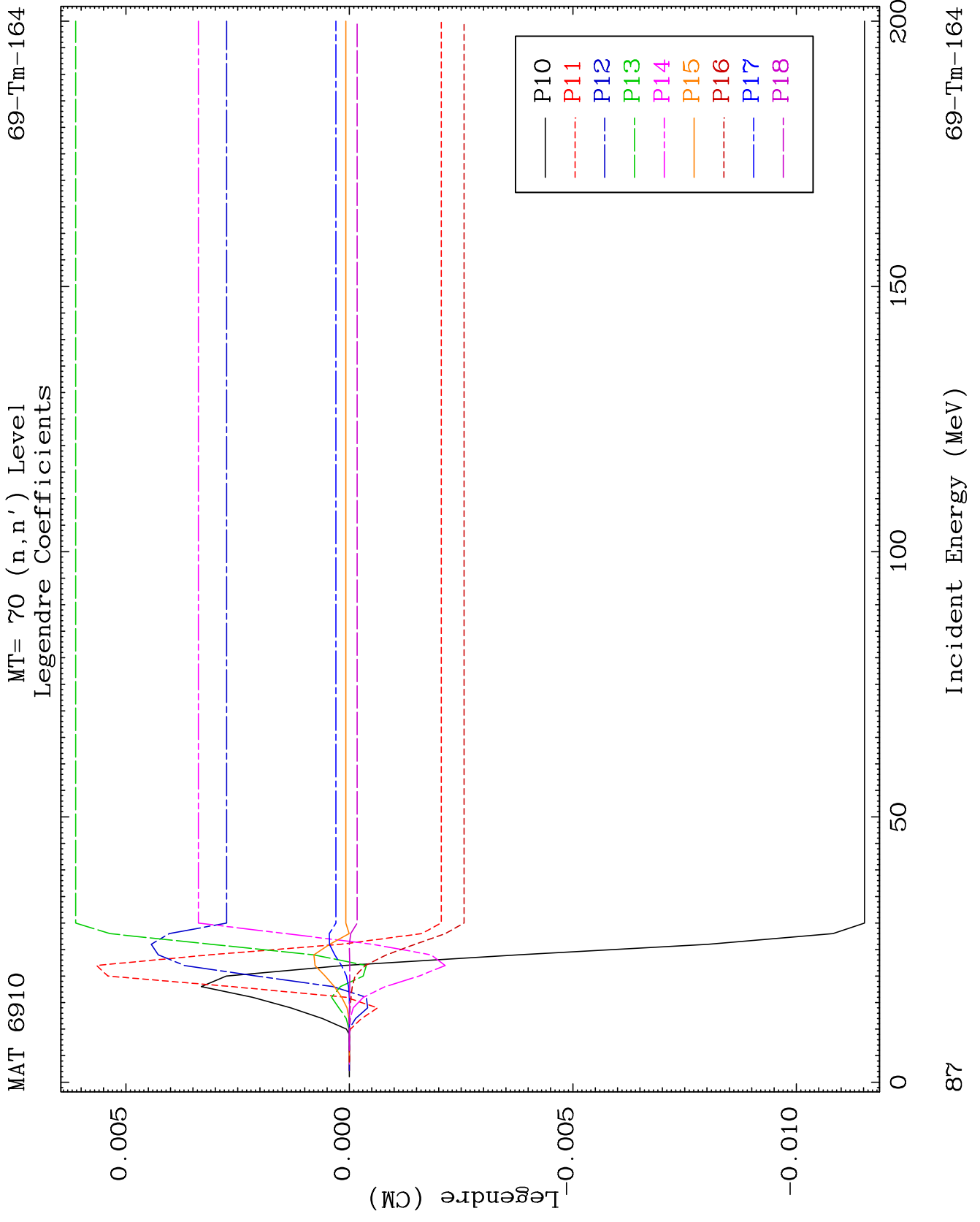
MT= 69 (n,n') Level  
Legendre Coefficients

69-Tm-164







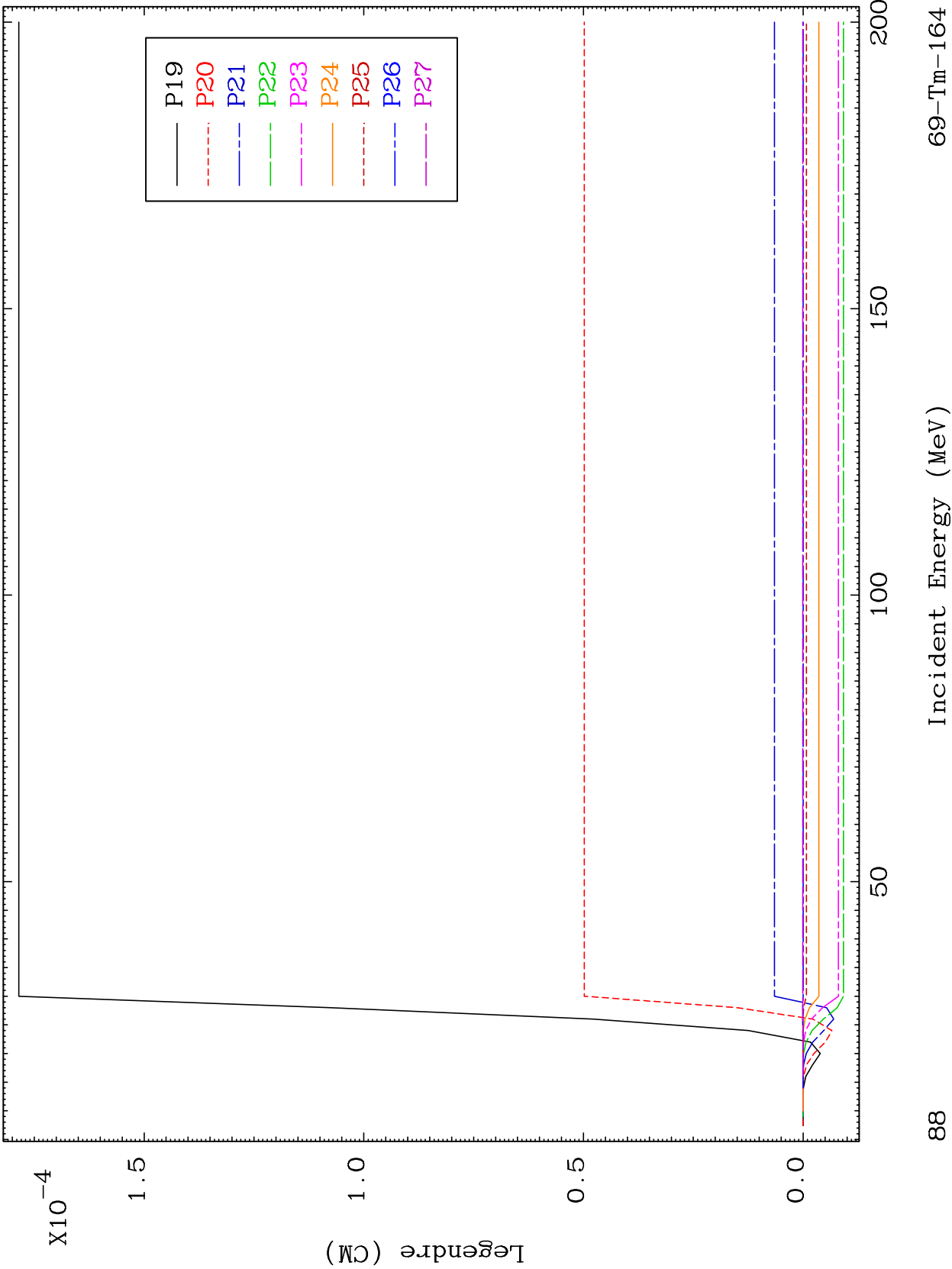




MAT 6910

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

69-Tm-164



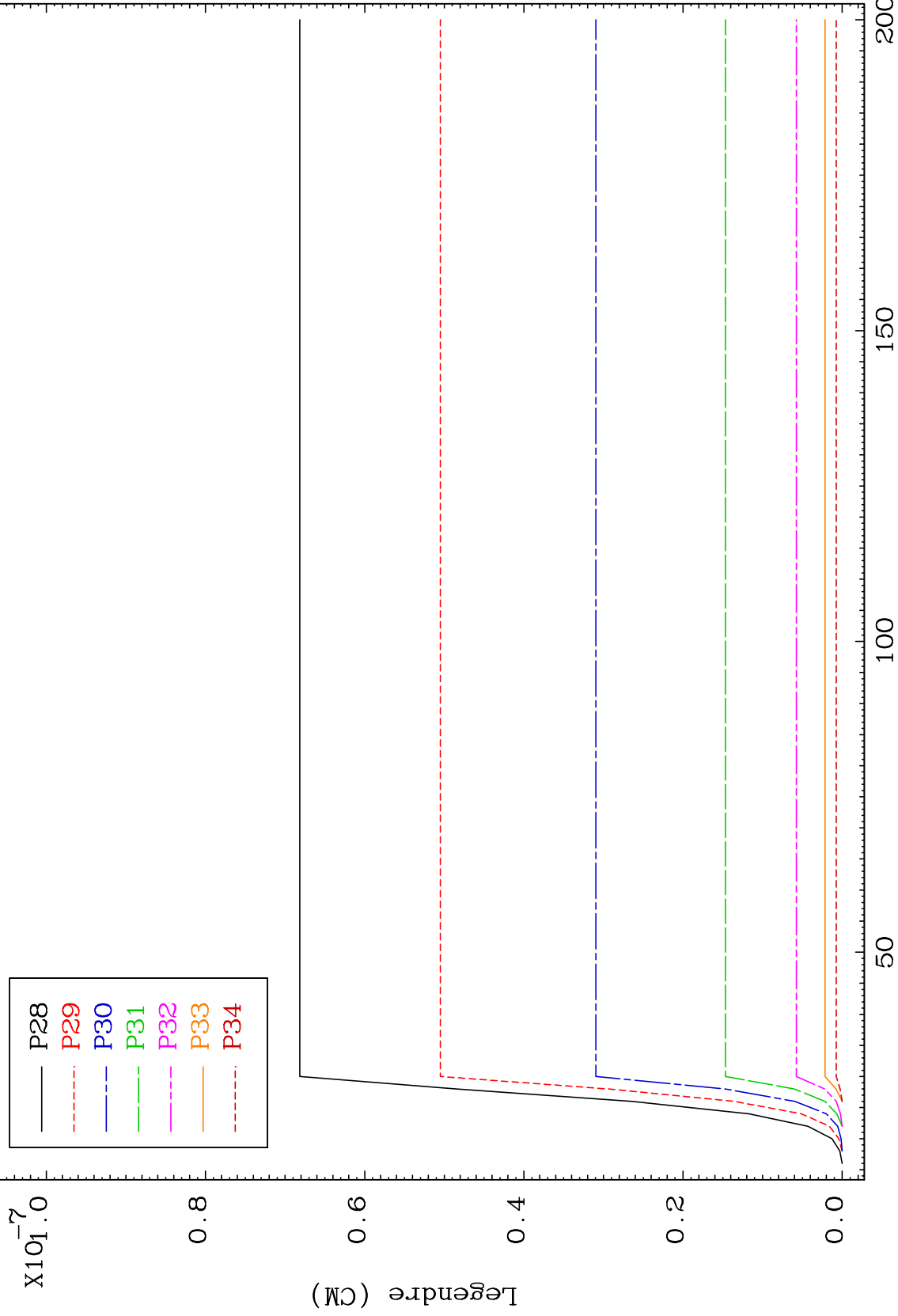
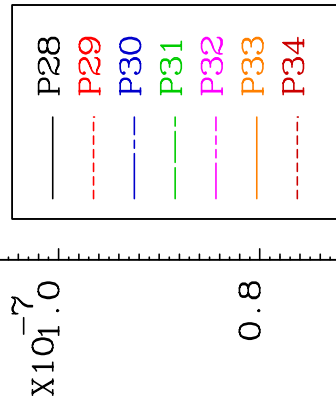
88

69-Tm-164

MAT 6910

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

69-Tm-164



89

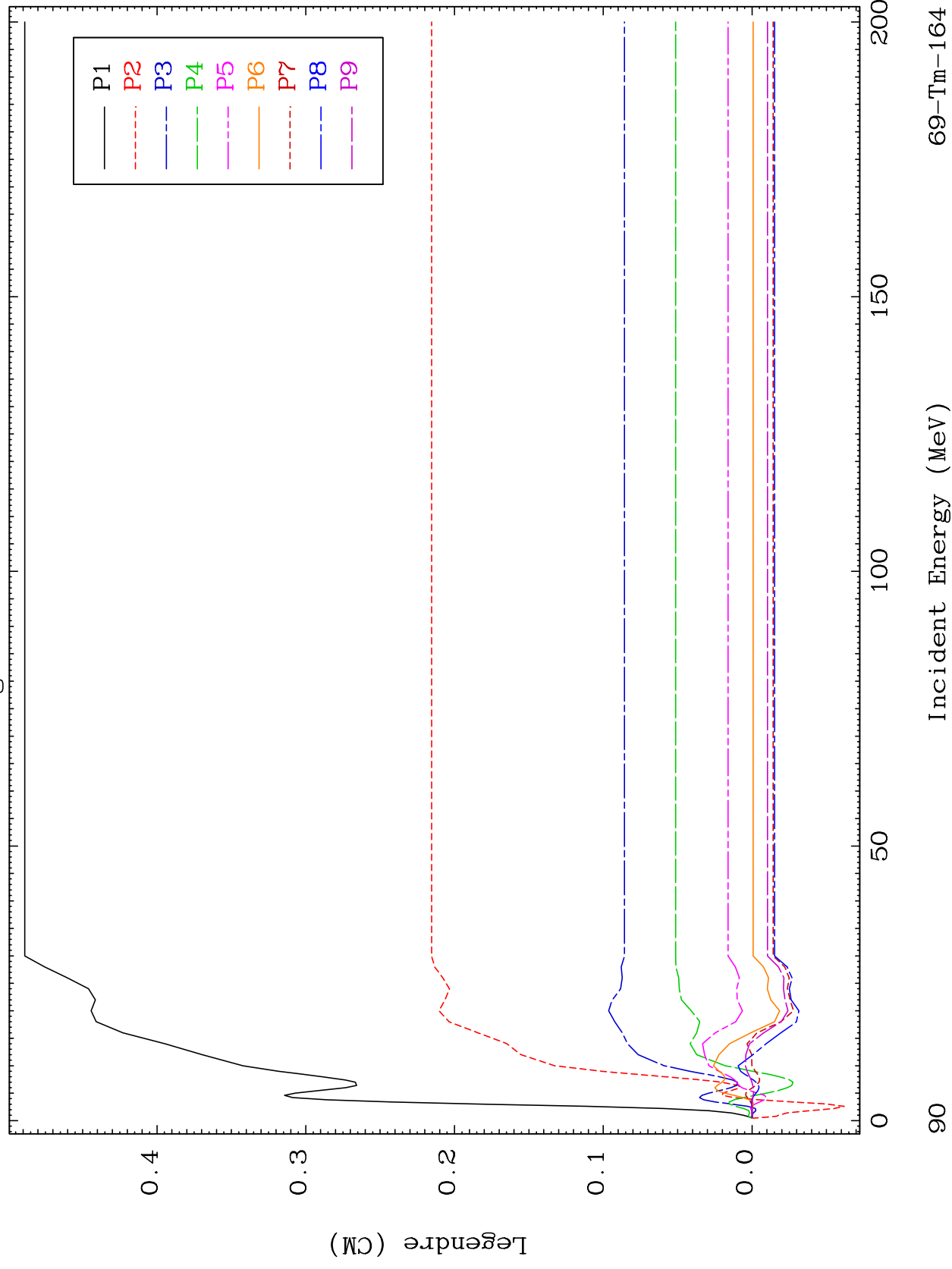
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164



69-Tm-164

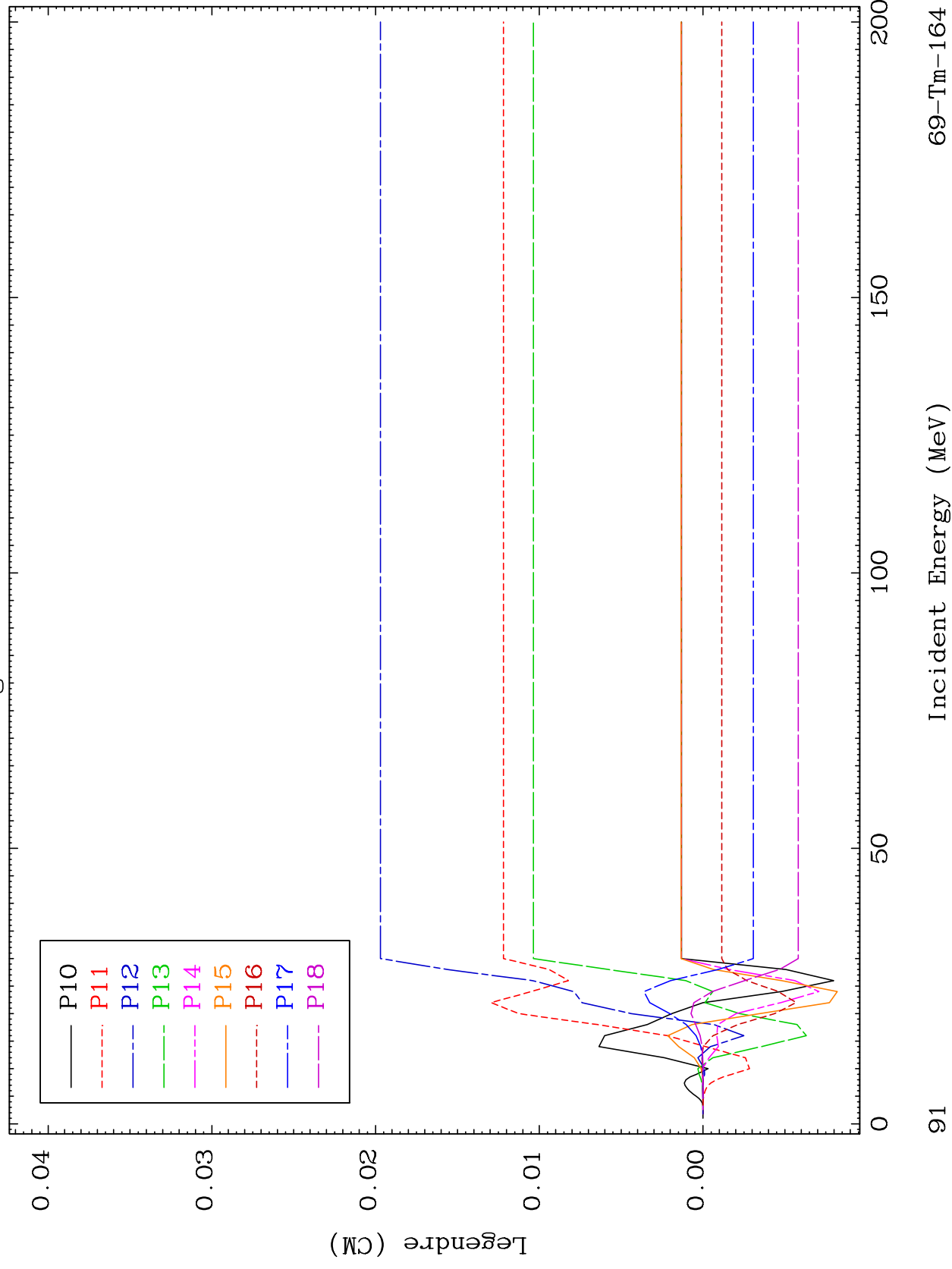
Incident Energy (MeV)

90

MAT 6910

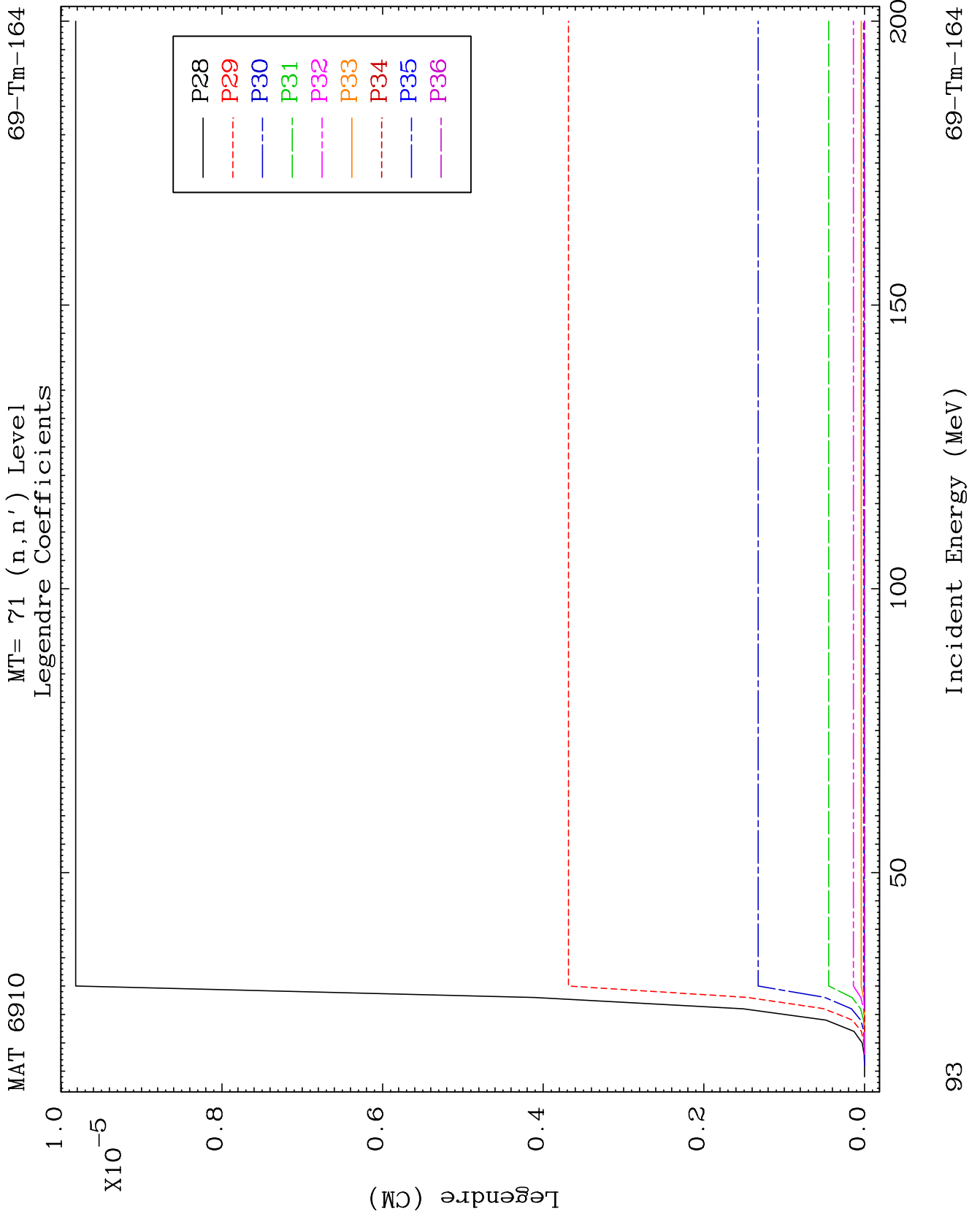
MT= 71 (n,n') Level  
Legendre Coefficients

69-Tm-164



91

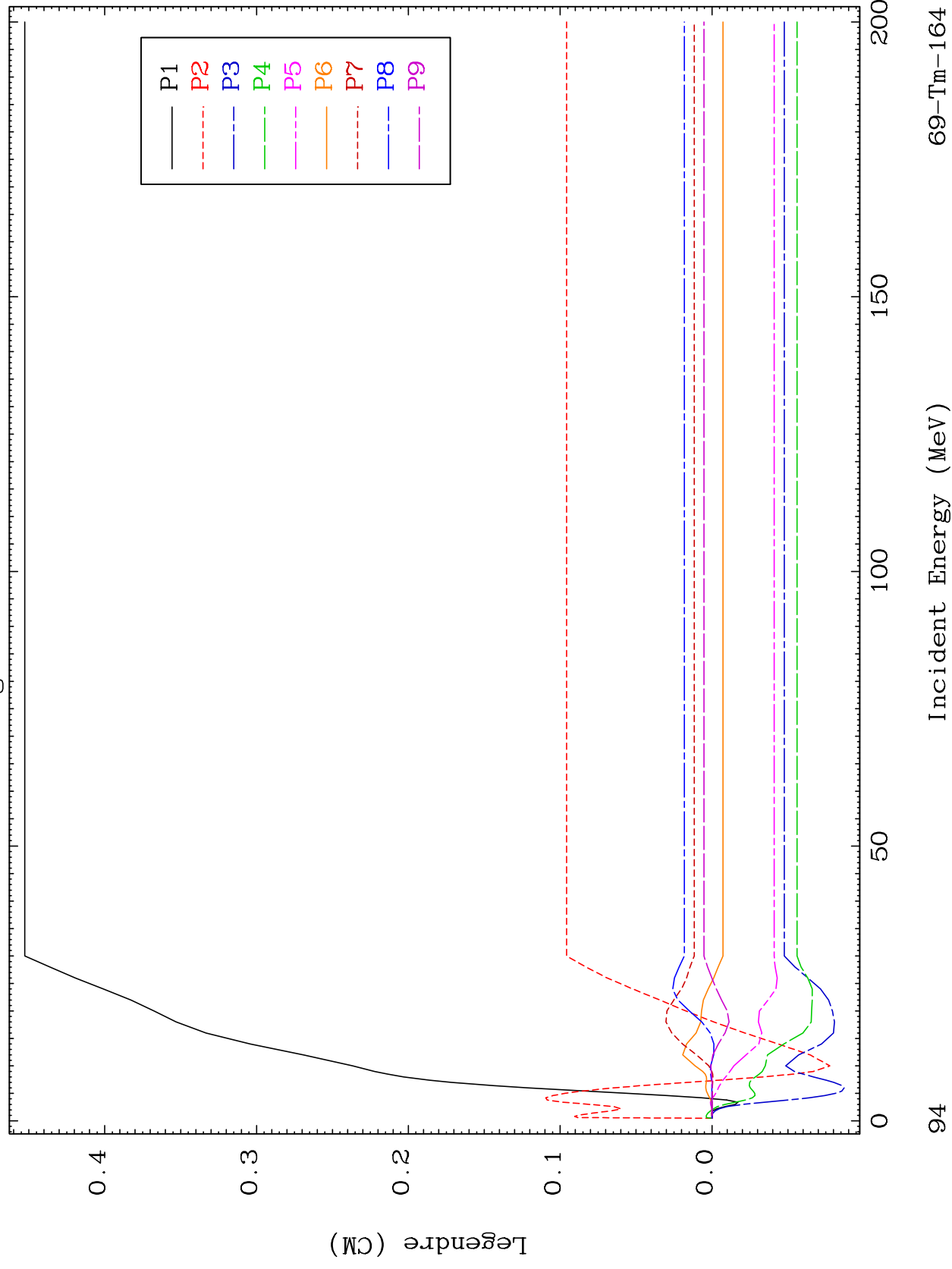




MAT 6910

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

69-Tm-164



94

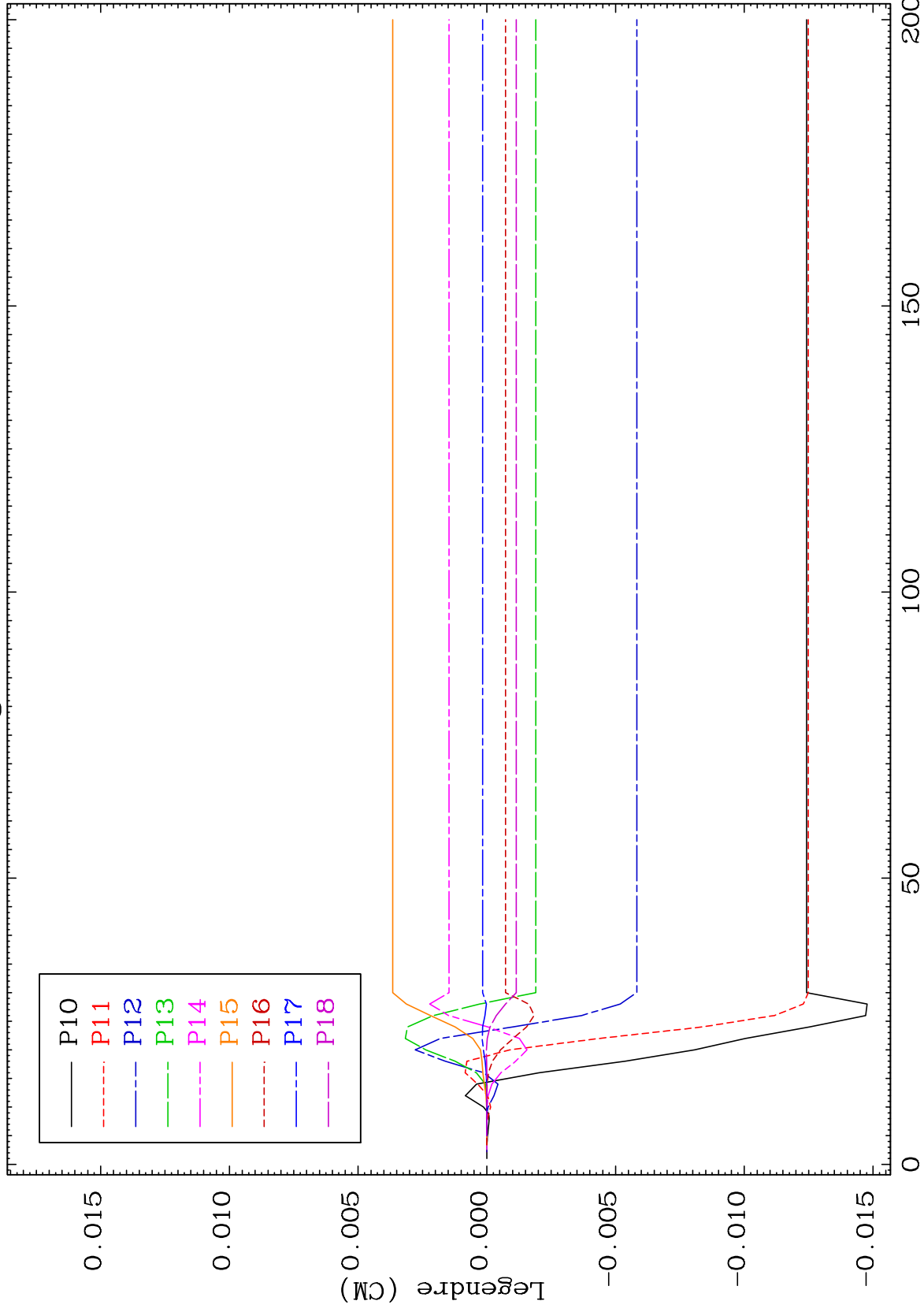
Incident Energy (MeV)

69-Tm-164

MAT 6910

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

69-Tm-164

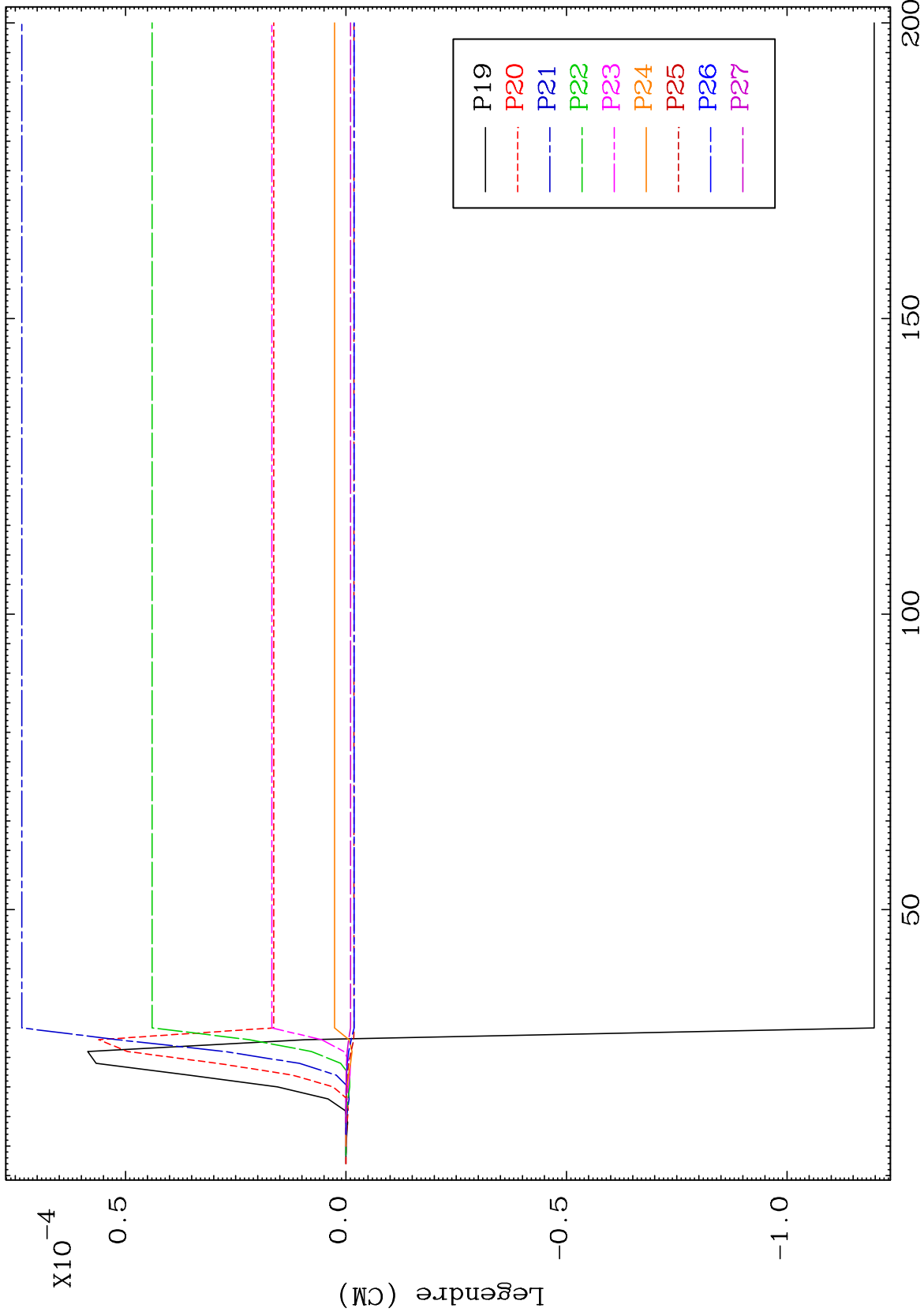


95

Incident Energy (MeV)

69-Tm-164



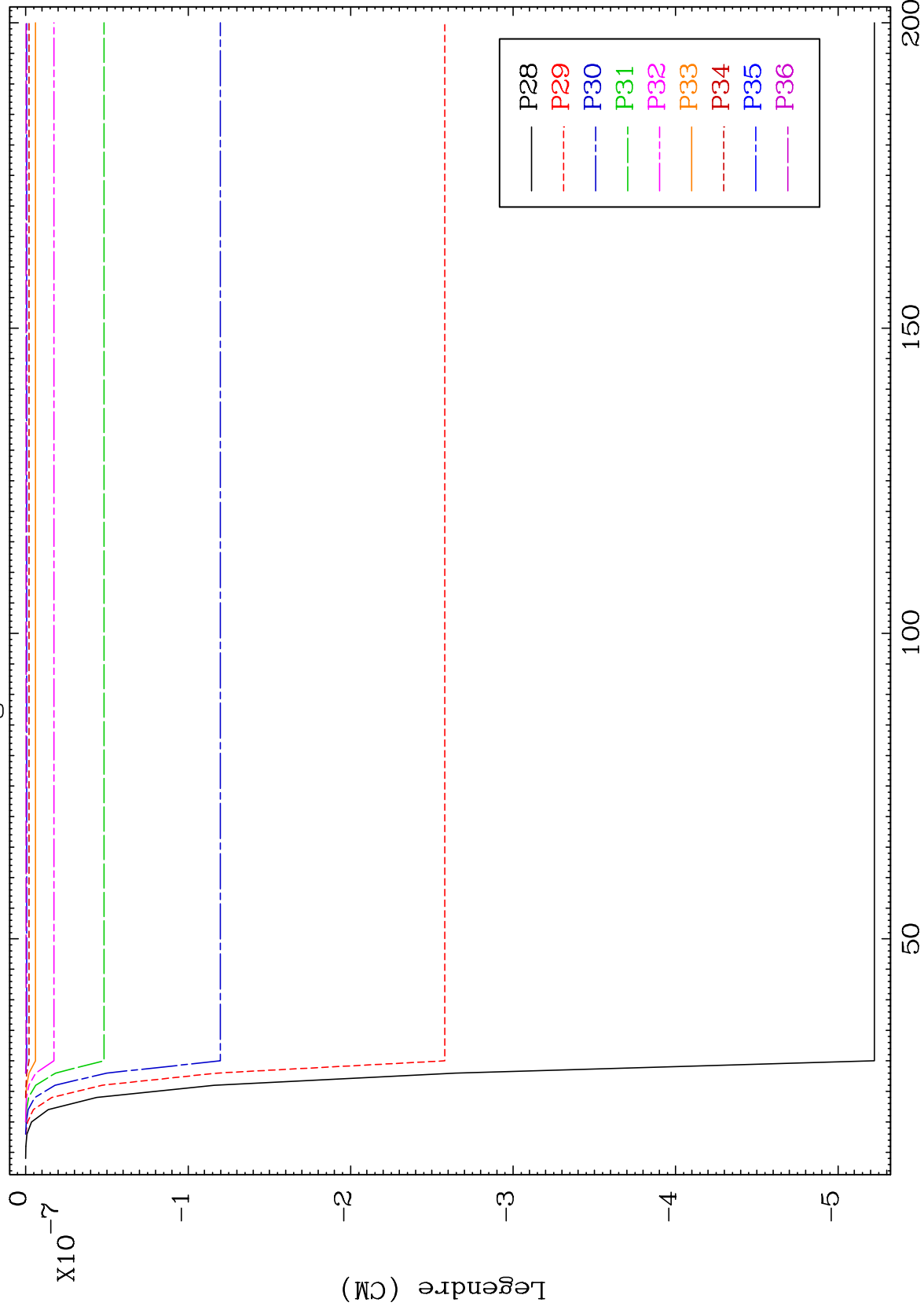


MAT 6910

MT= 72 (n,n') Level

69-Tm-164

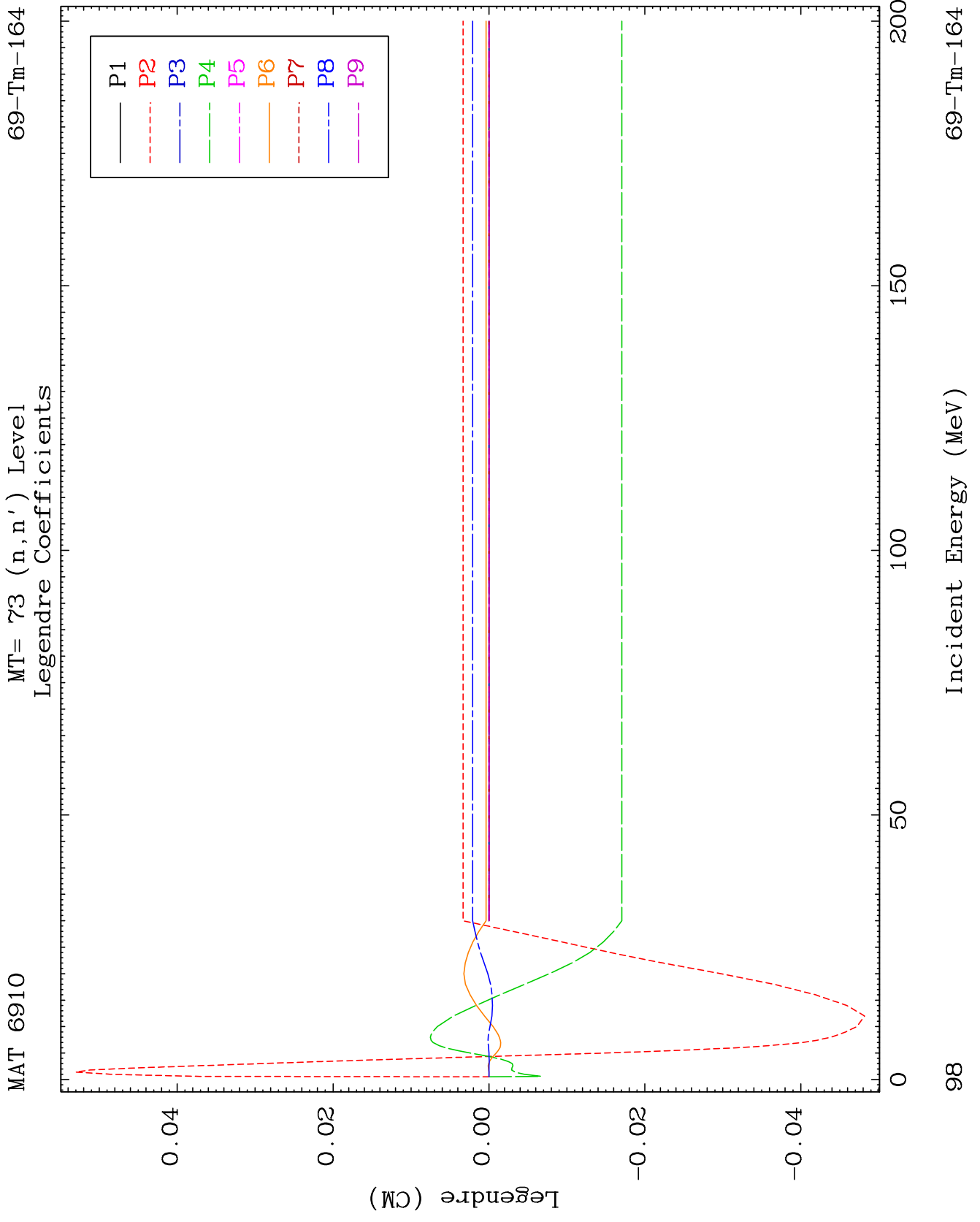
Legendre Coefficients



69-Tm-164

Incident Energy (MeV)

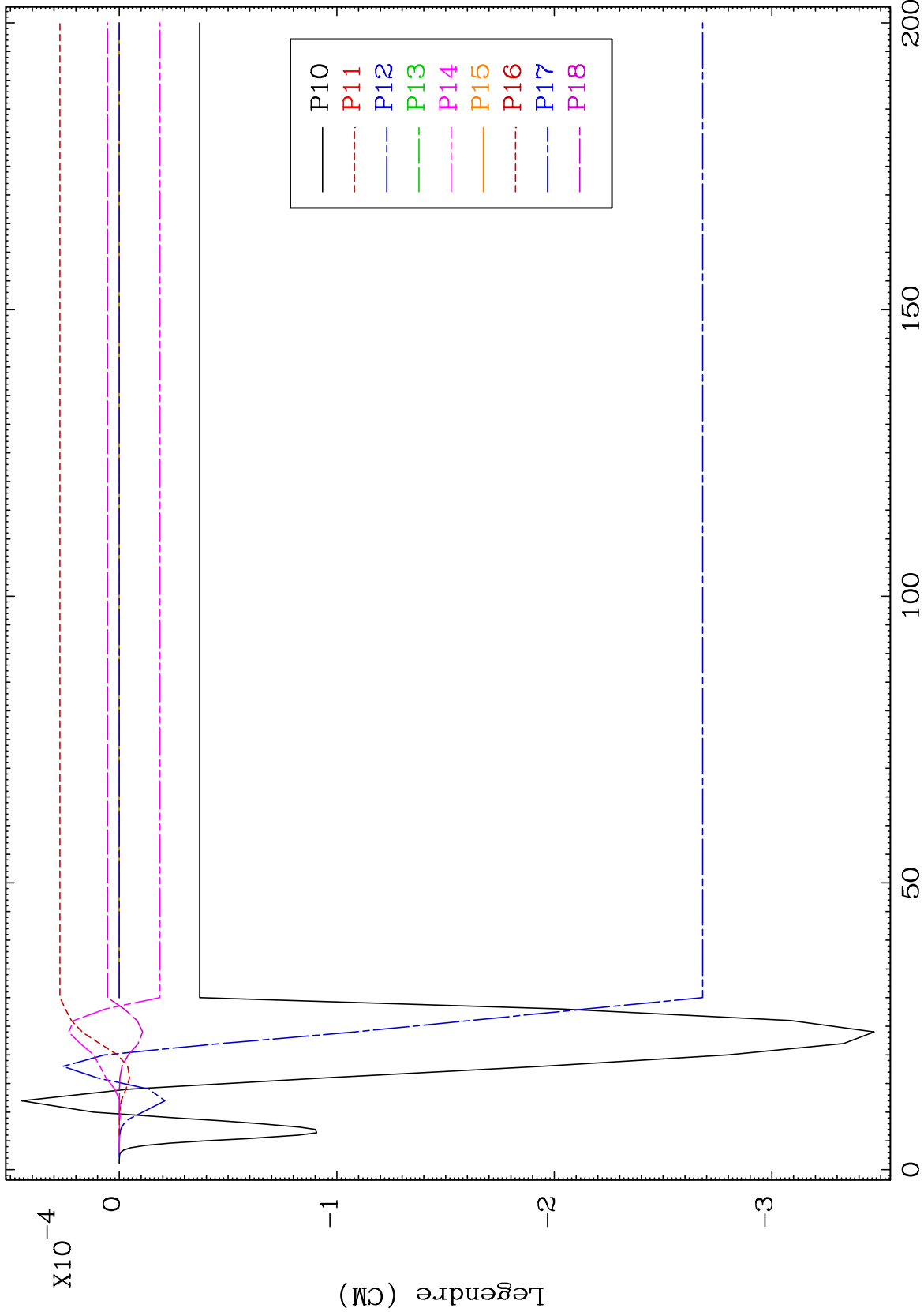
97



MAT 6910

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

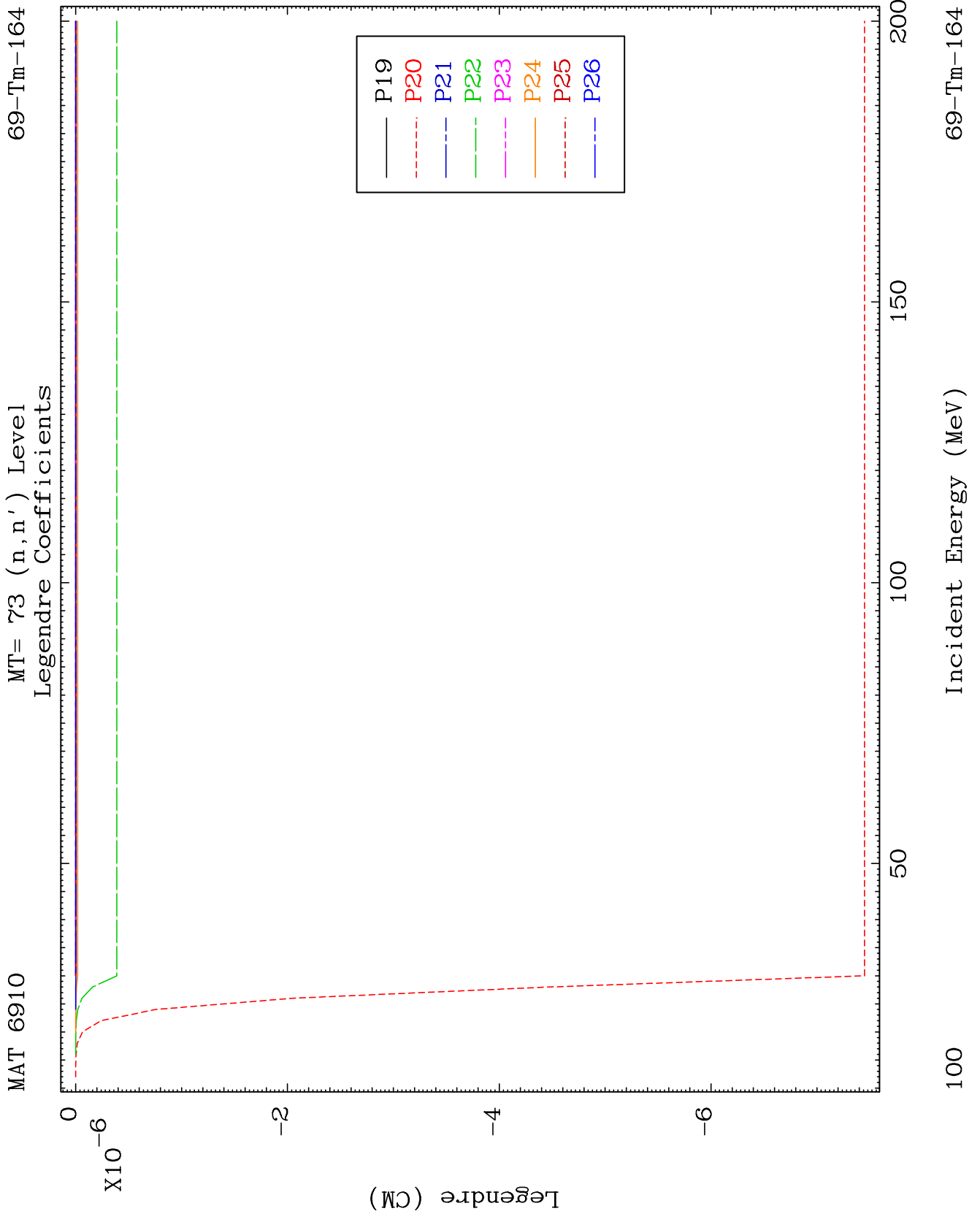
69-Tm-164



99

Incident Energy (MeV)

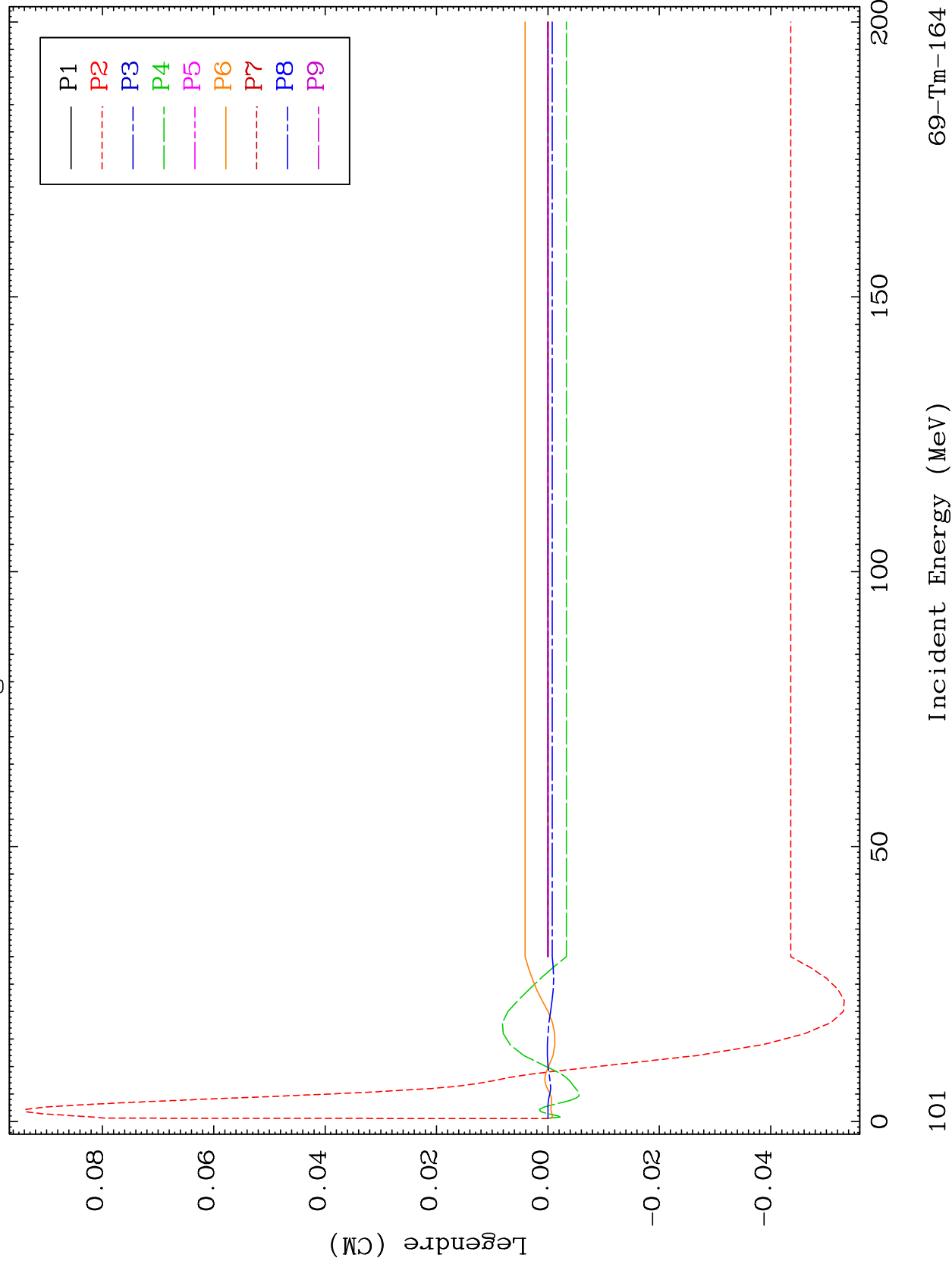
69-Tm-164



MAT 6910

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

69-Tm-164



101

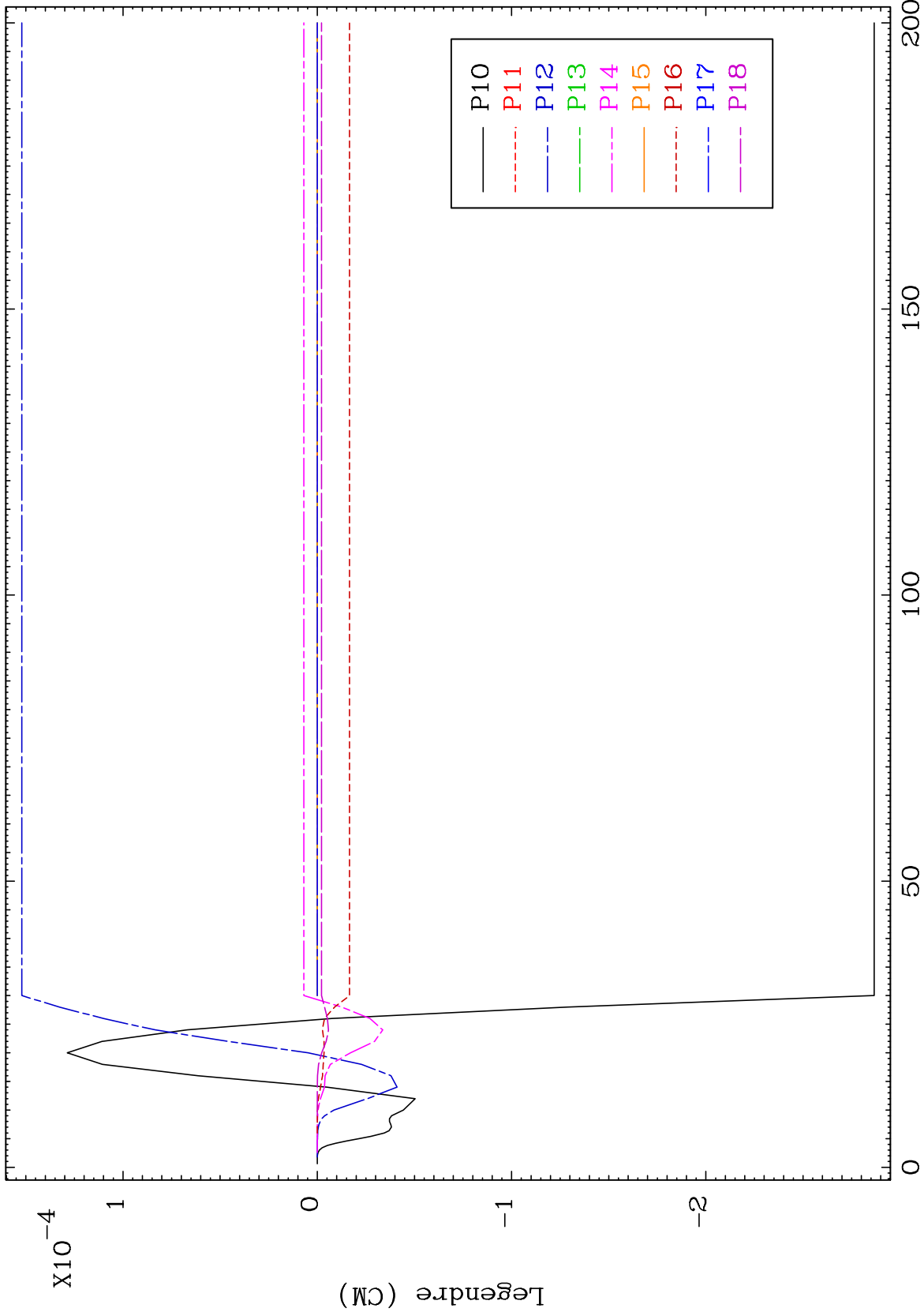
Incident Energy (MeV)

69-Tm-164

MAT 6910

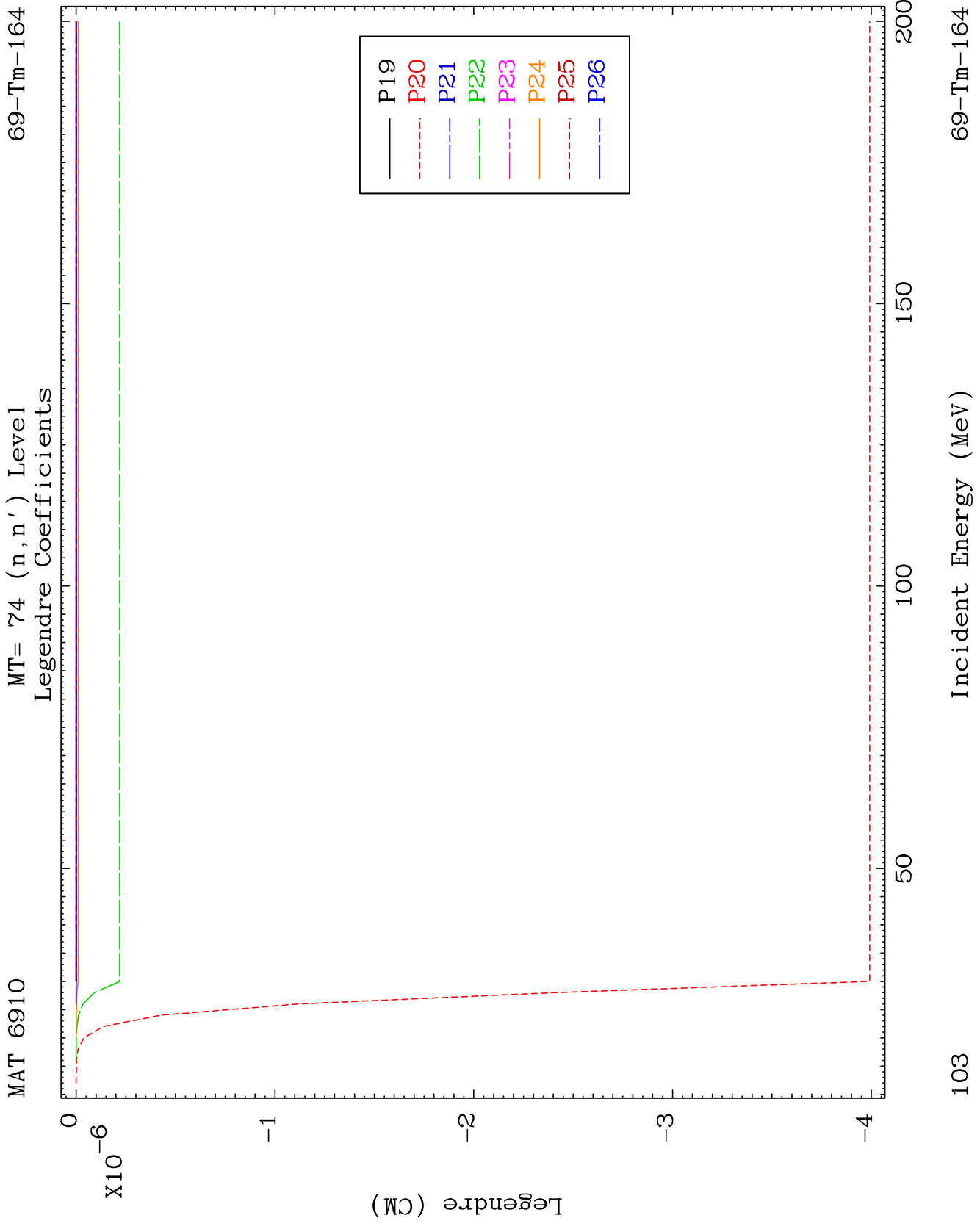
MT= 74 (n,n') Level  
Legendre Coefficients

69-Tm-164



102

69-Tm-164

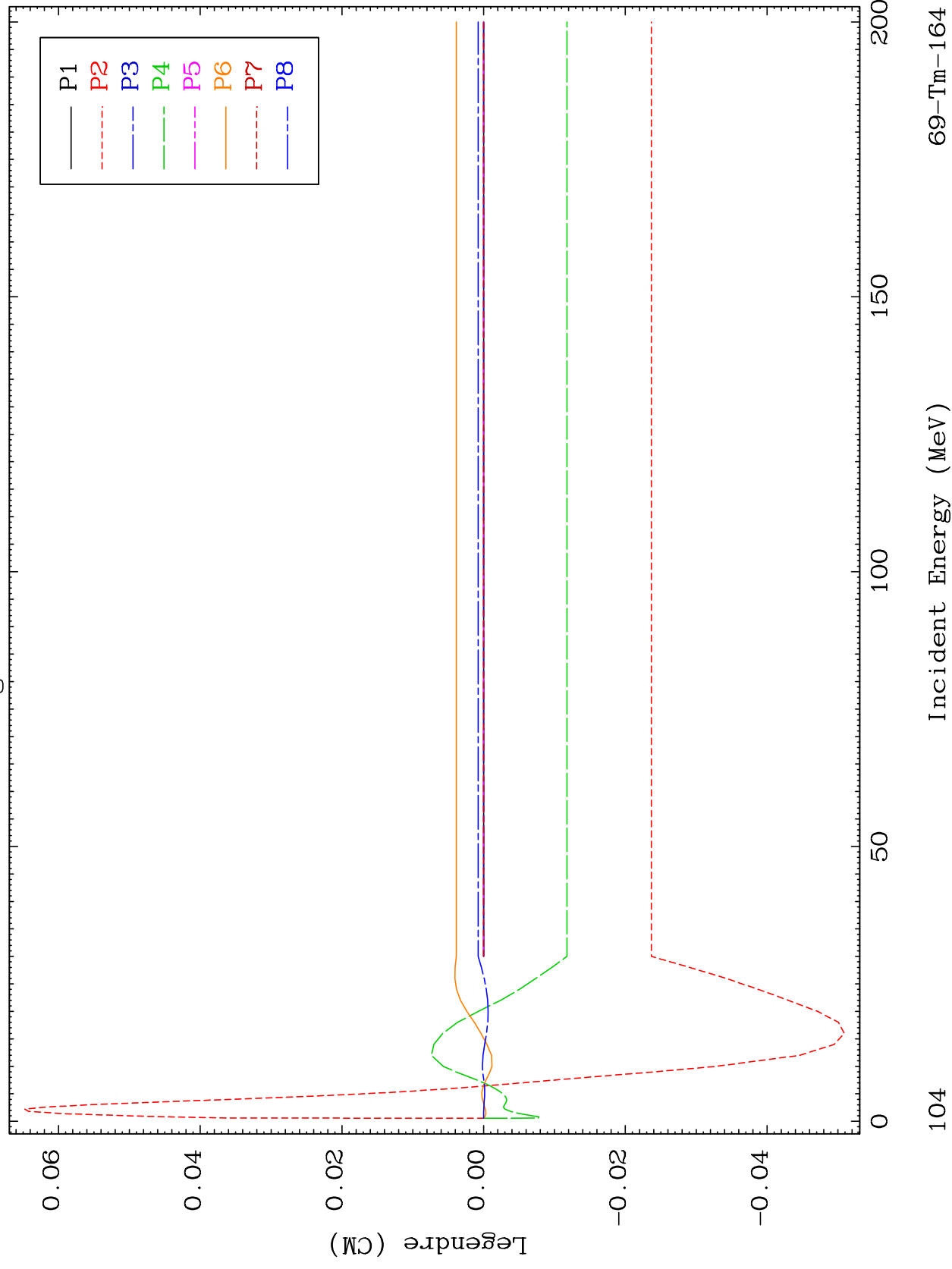




MAT 6910

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

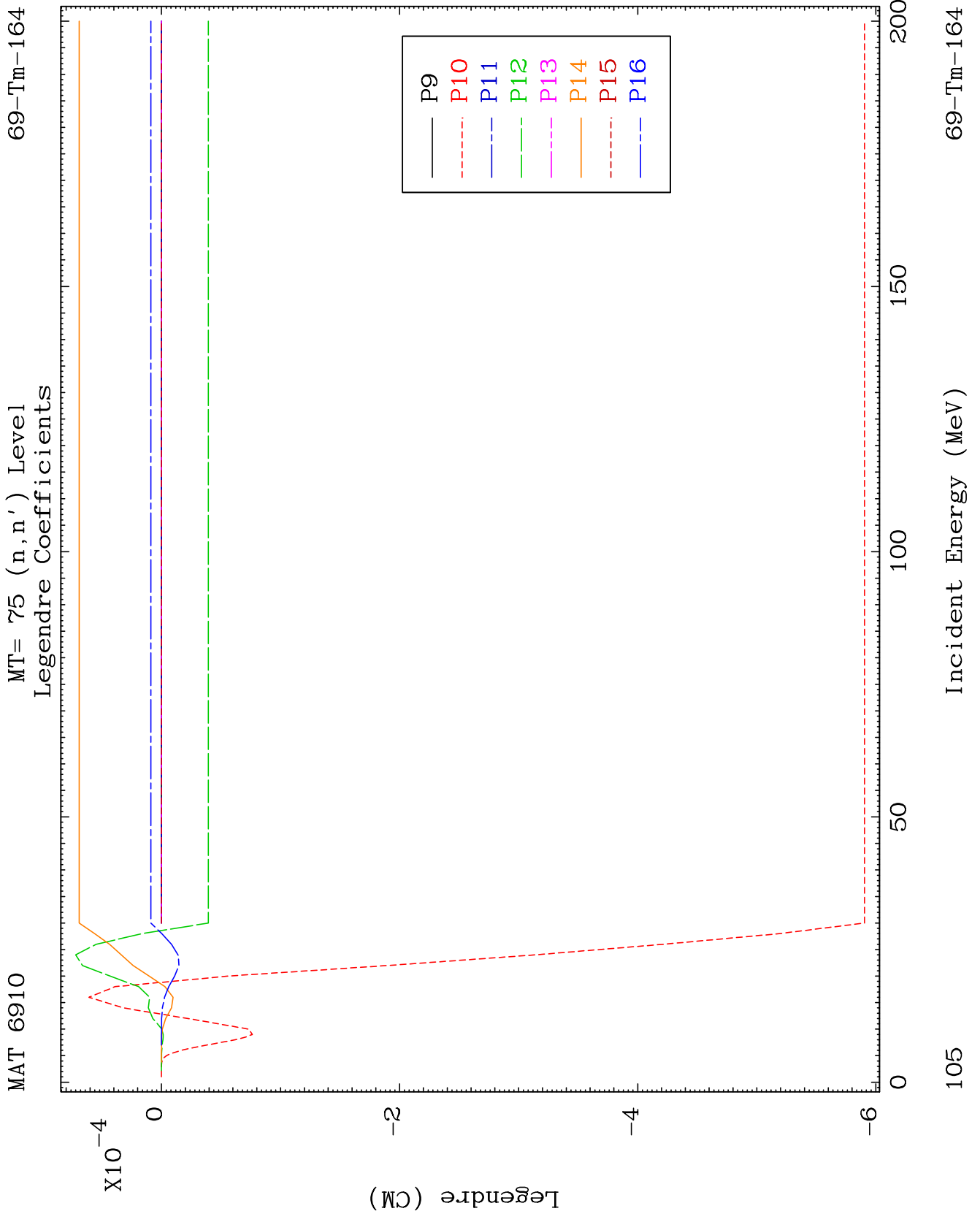
69-Tm-164



69-Tm-164

Incident Energy (MeV)

104

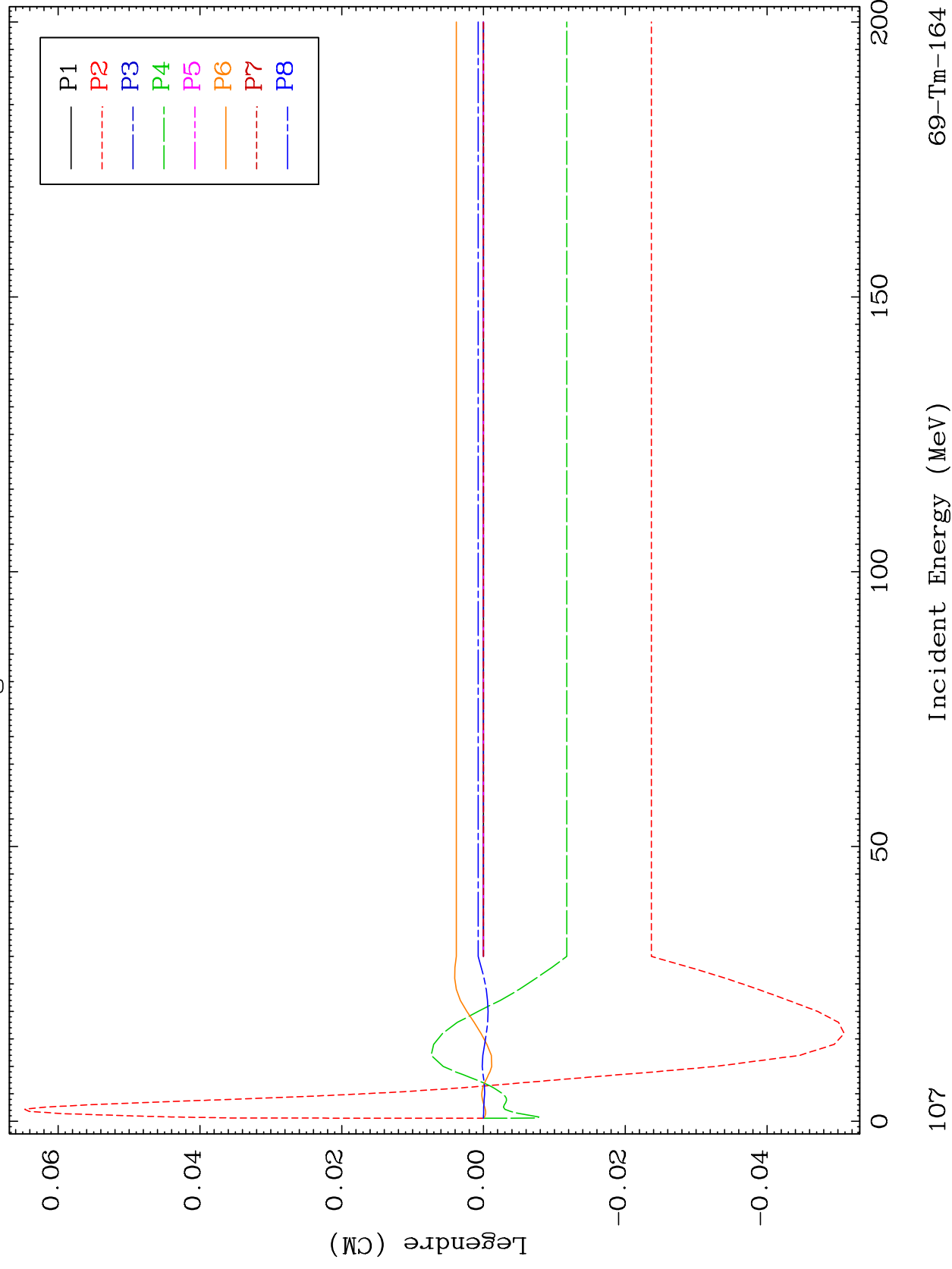




MAT 6910

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

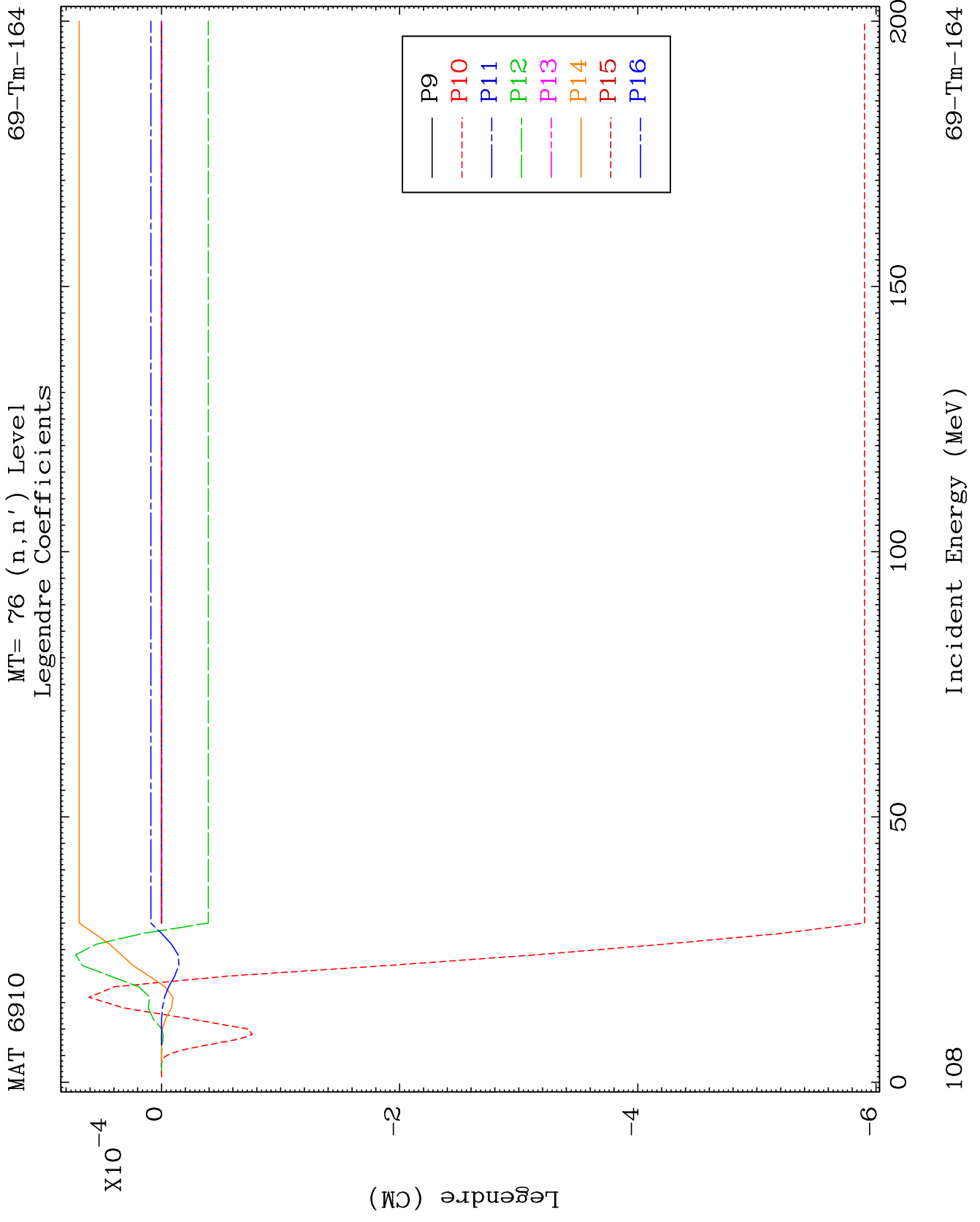
69-Tm-164

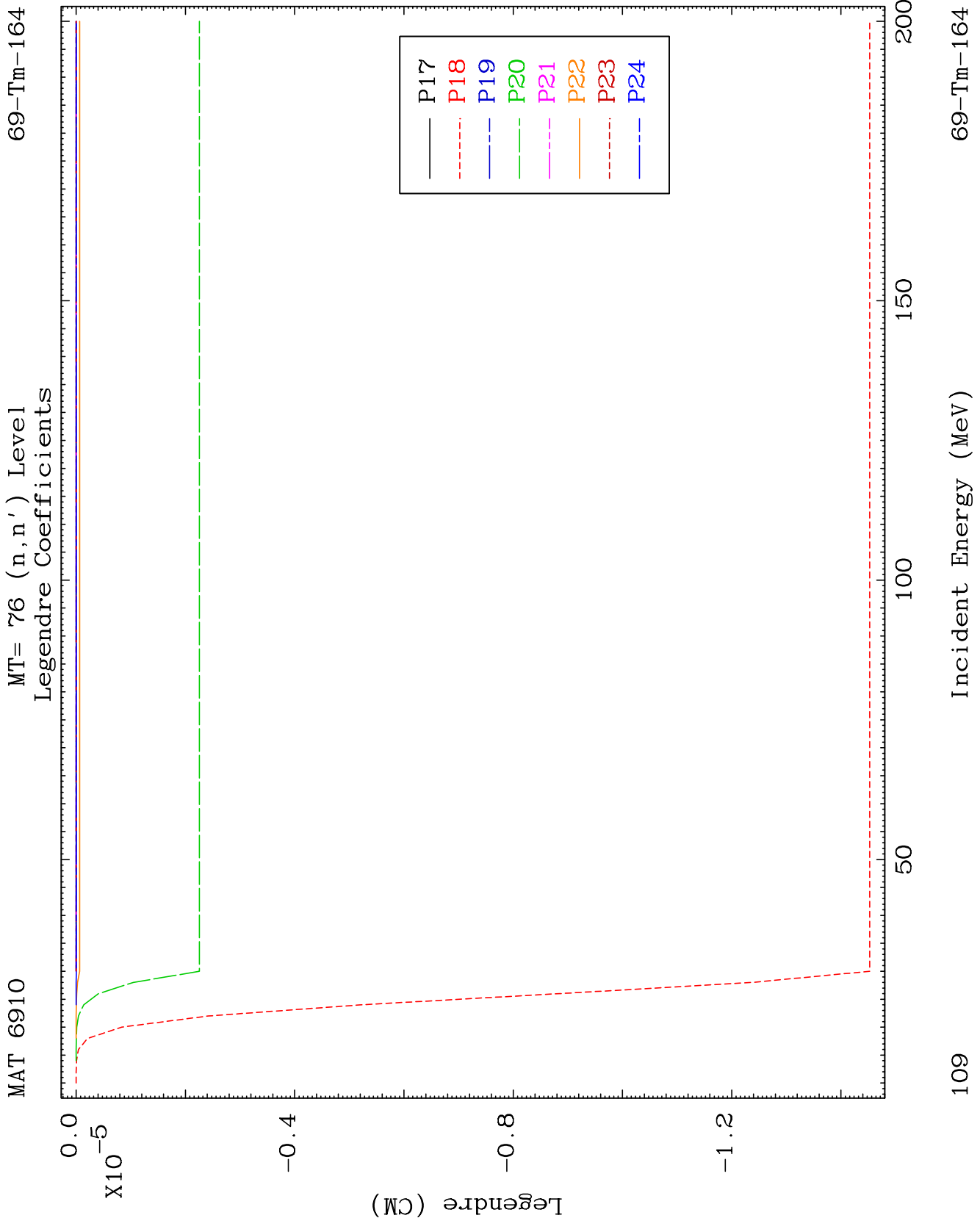


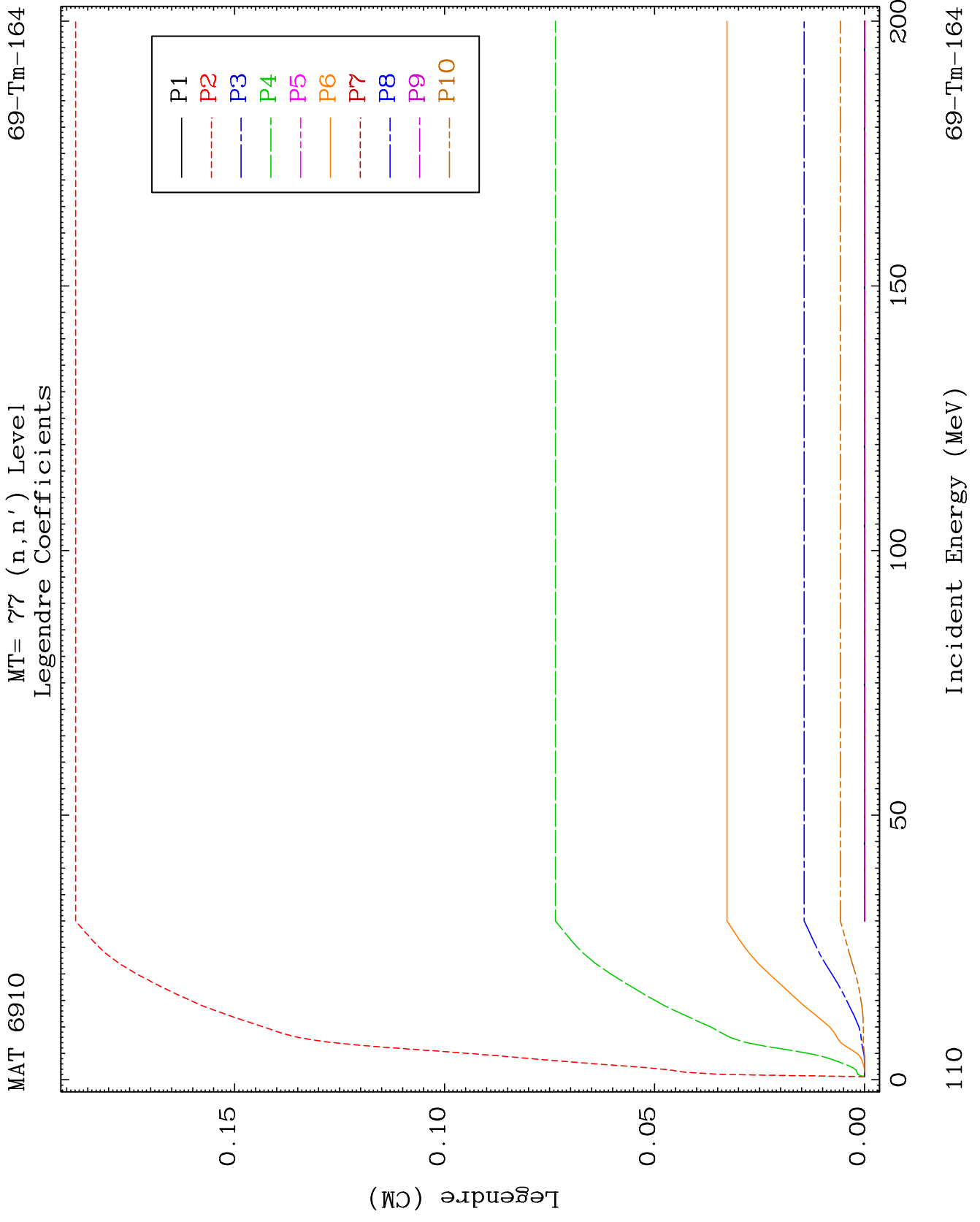
69-Tm-164

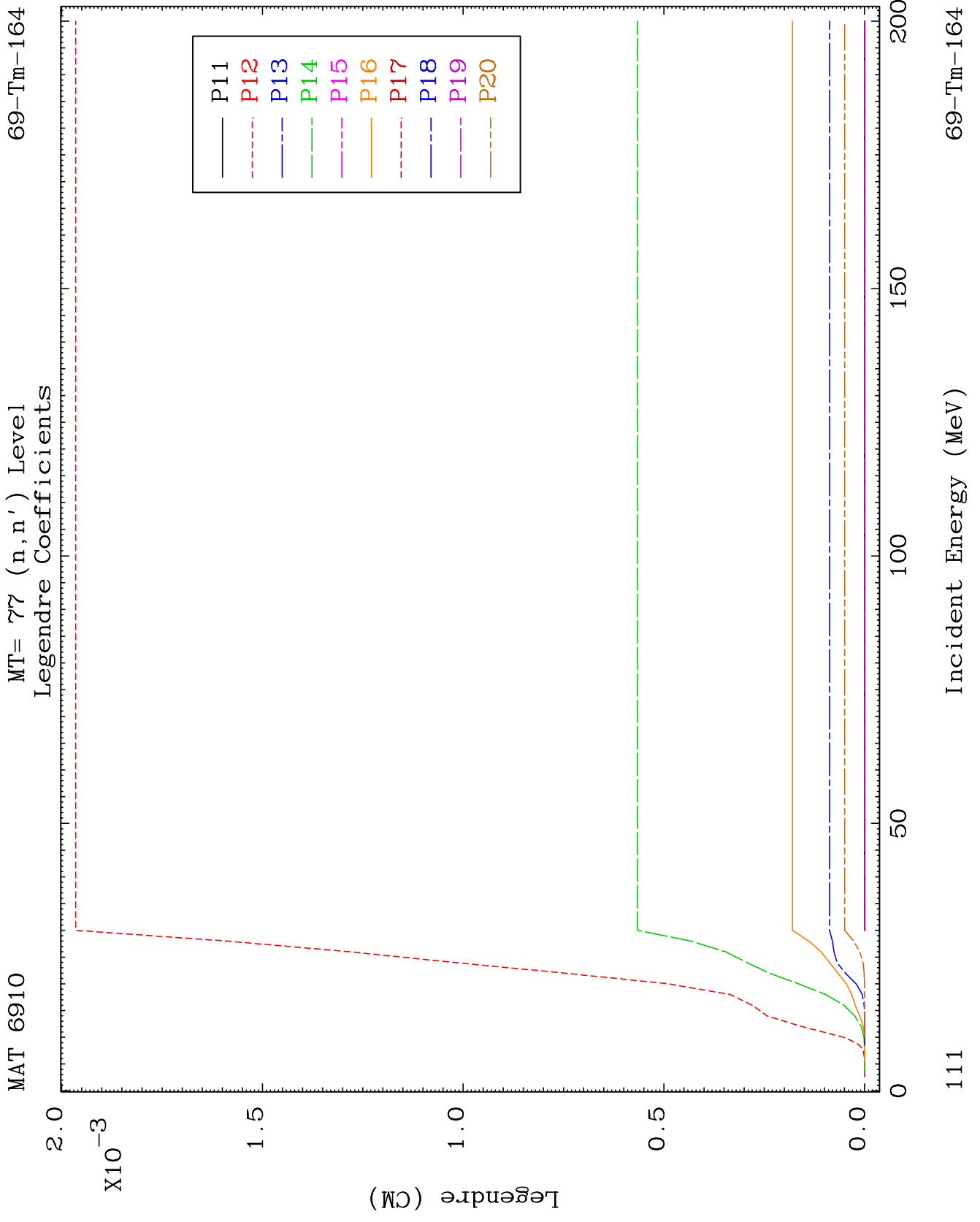
Incident Energy (MeV)

107

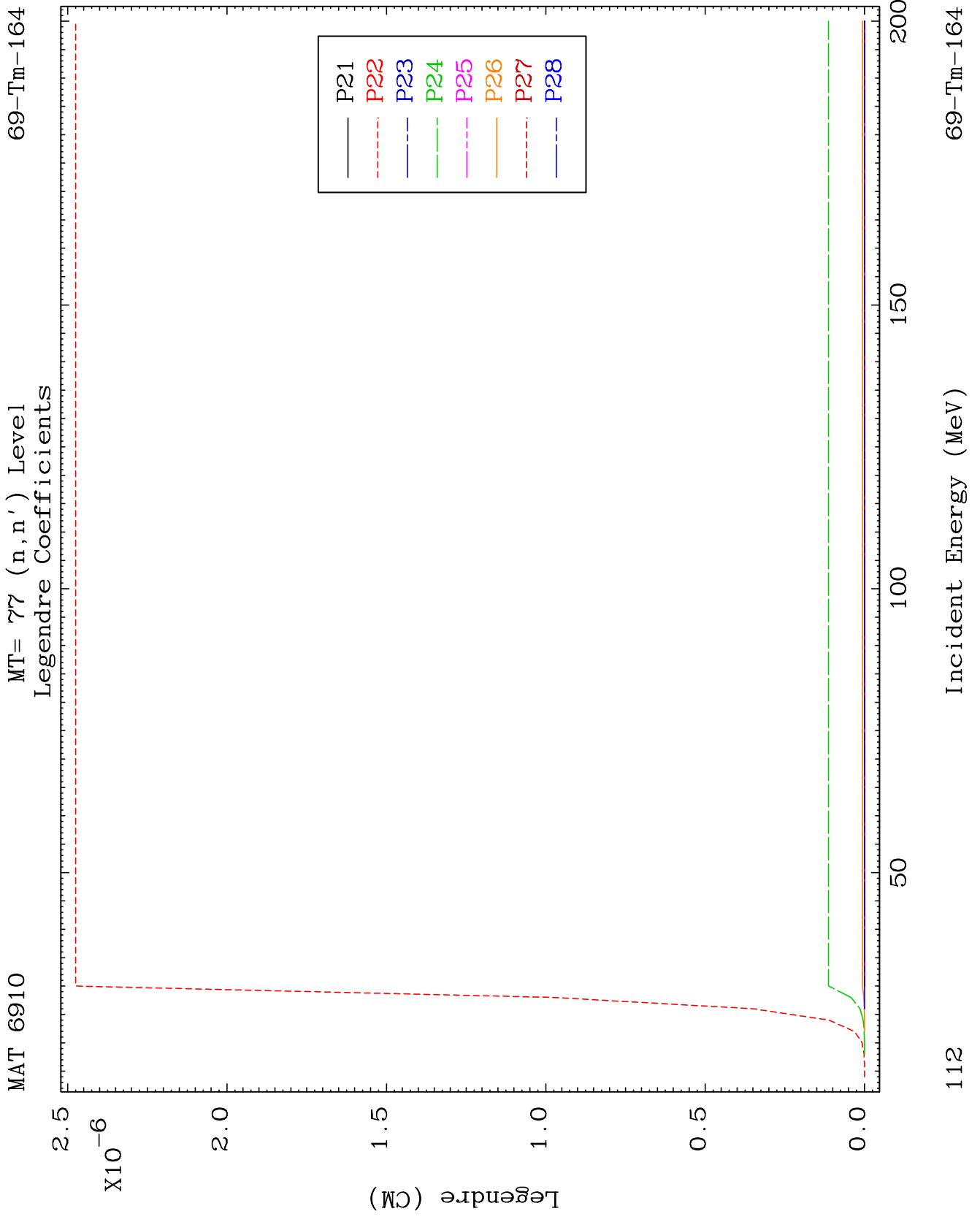


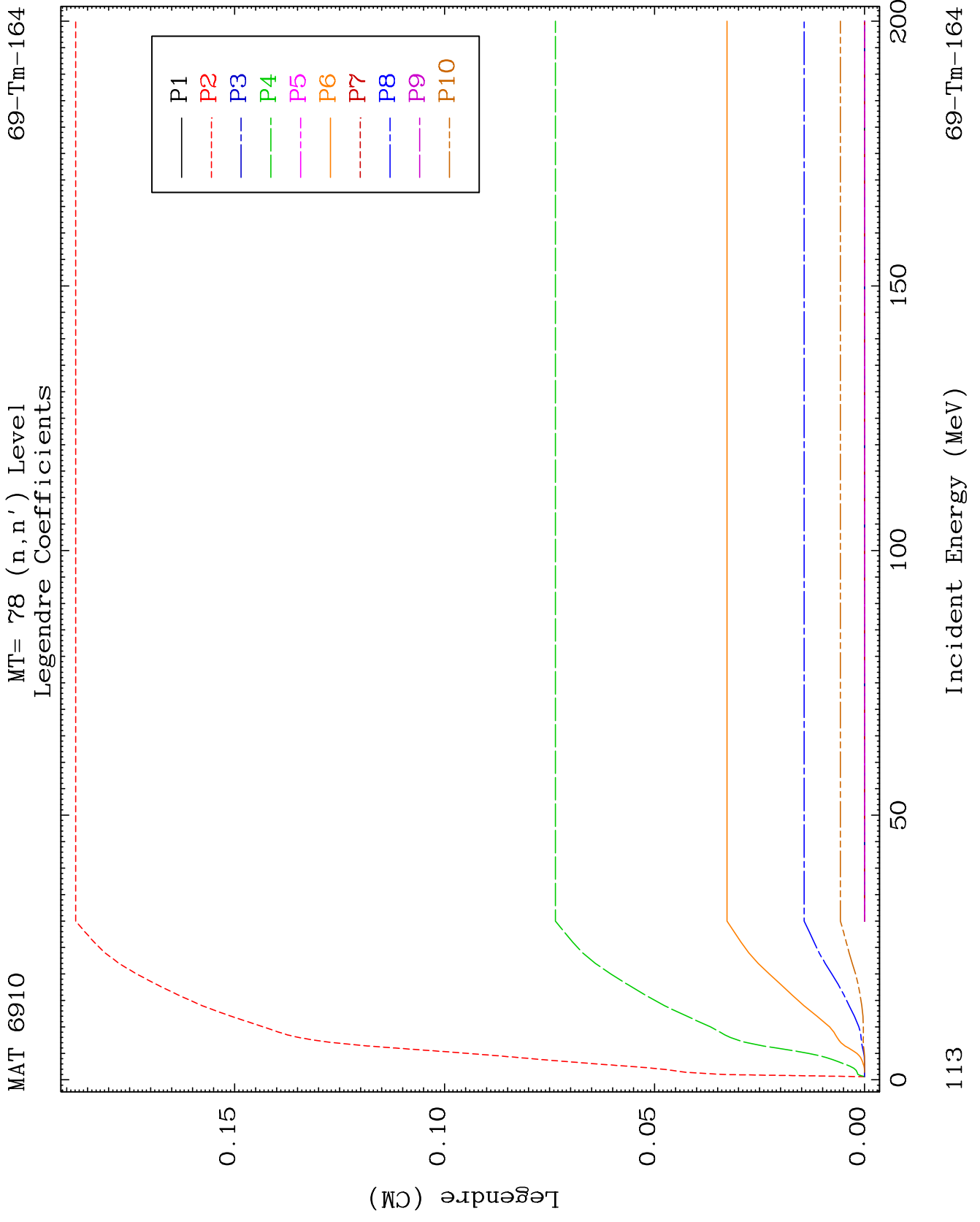




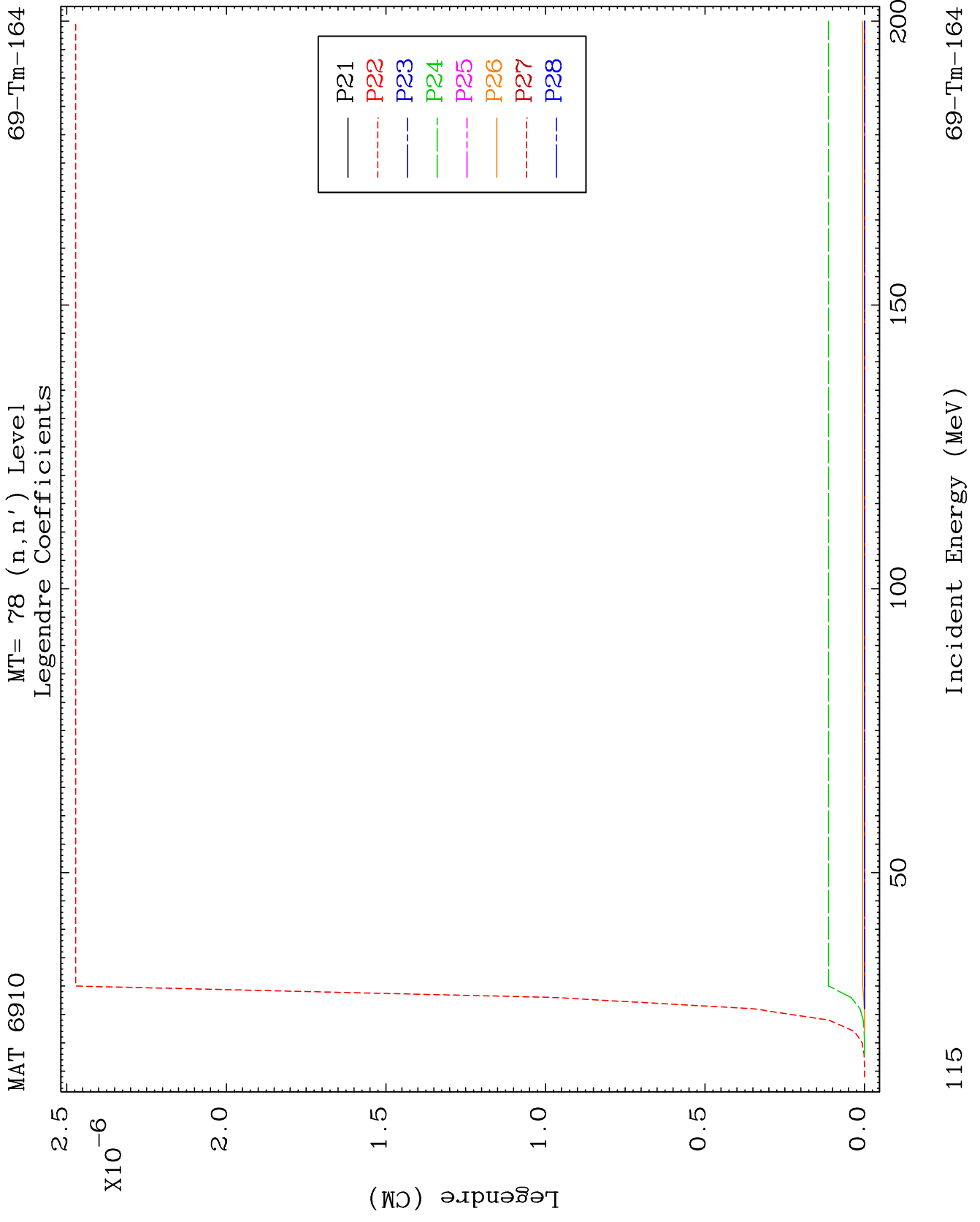


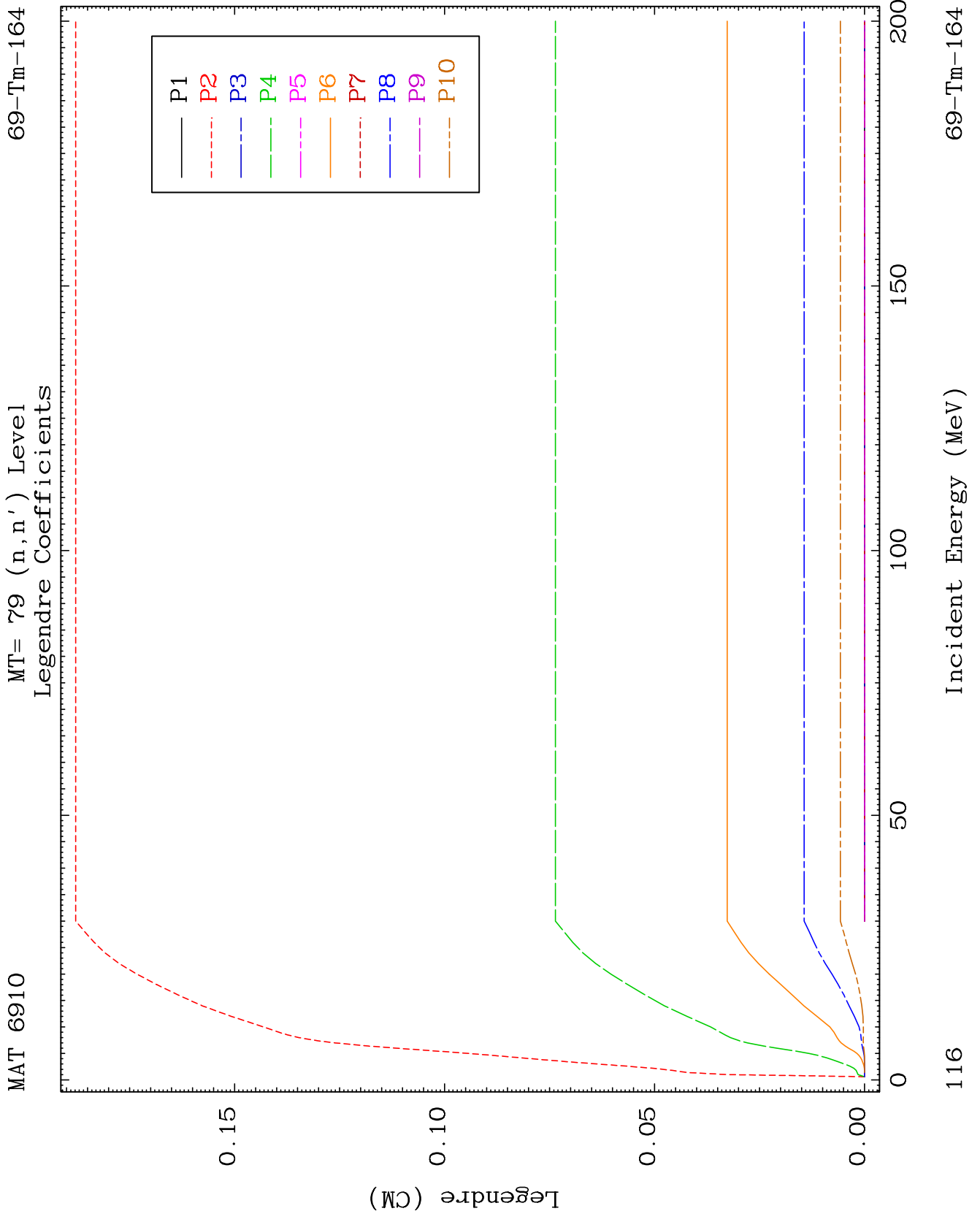


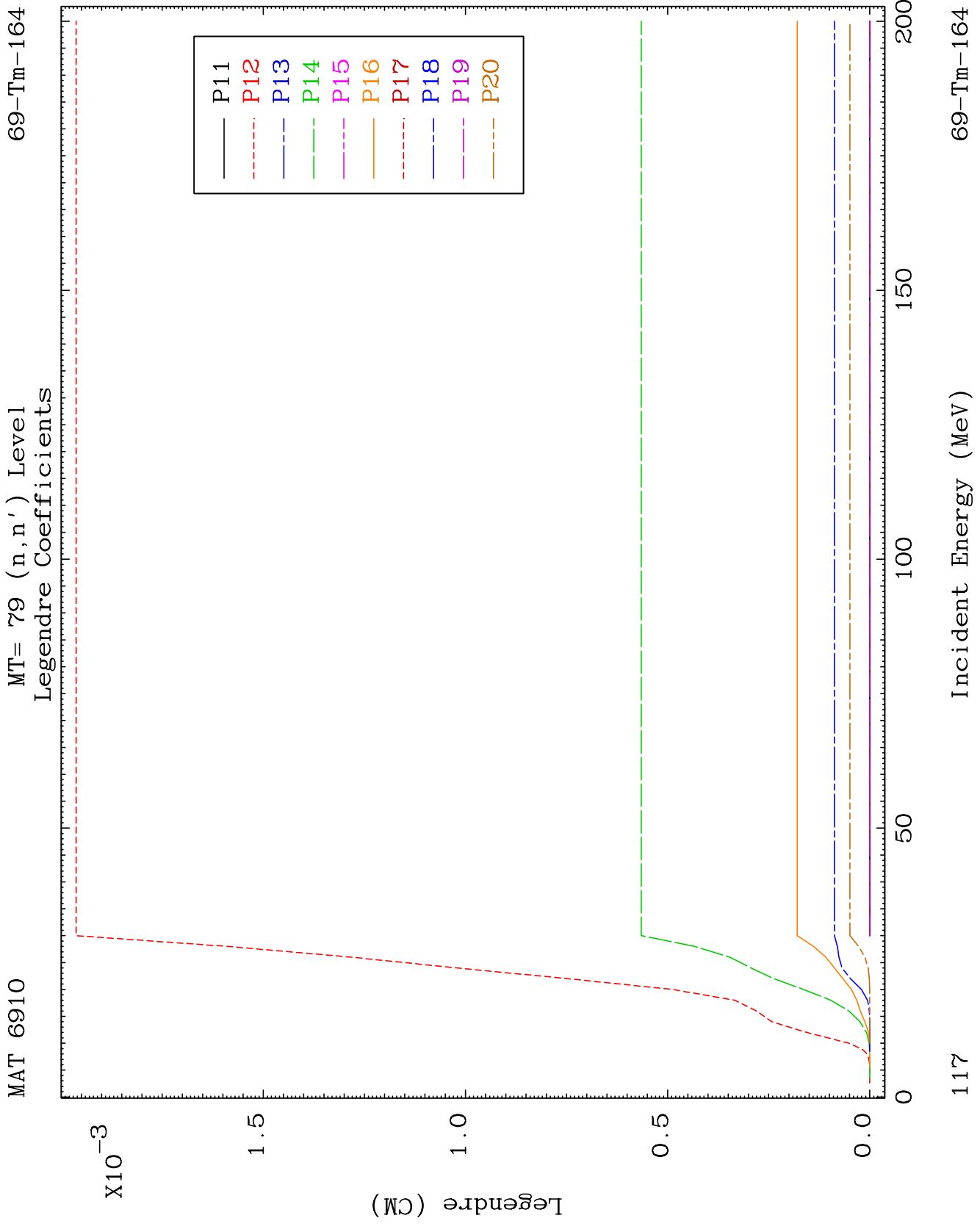


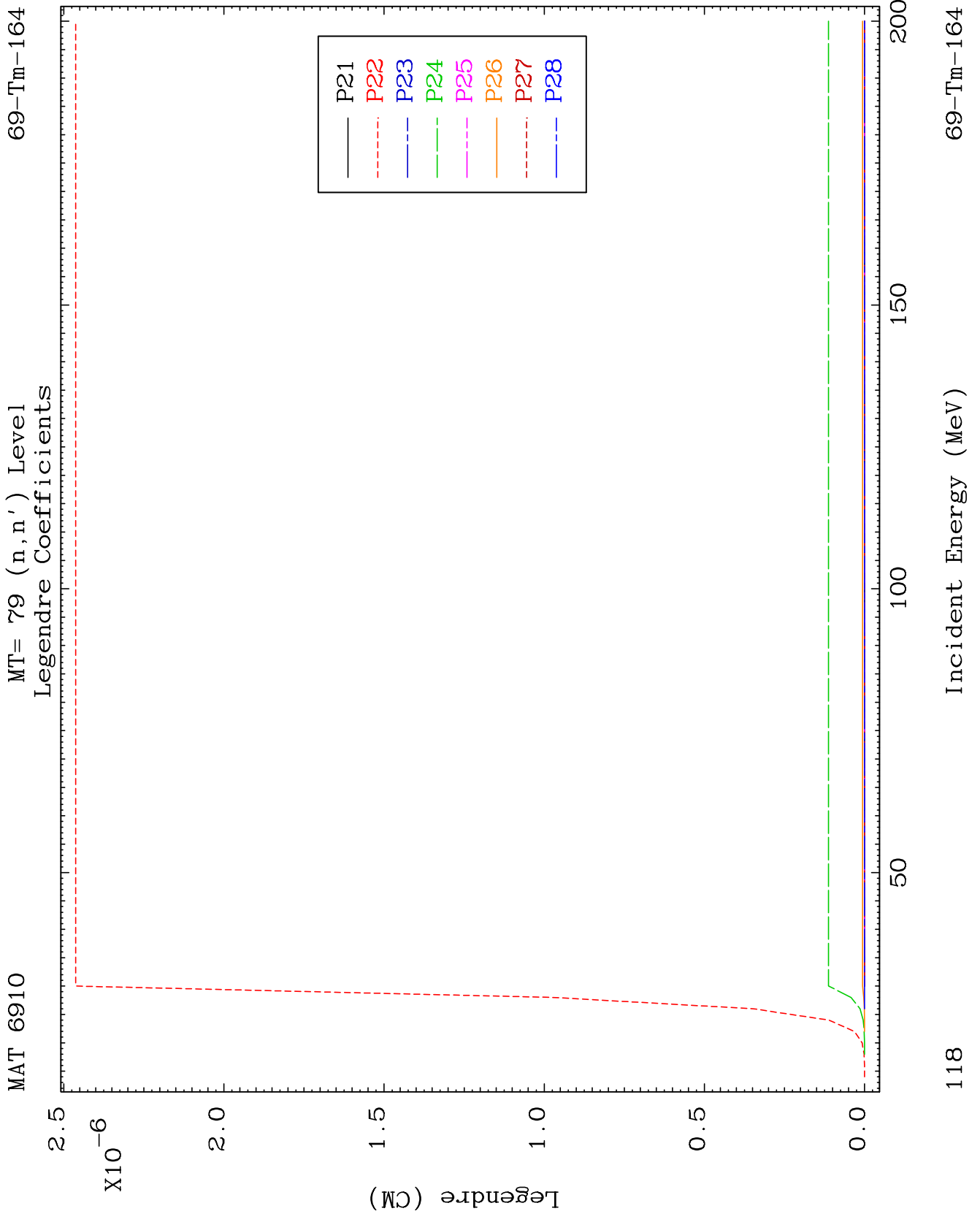


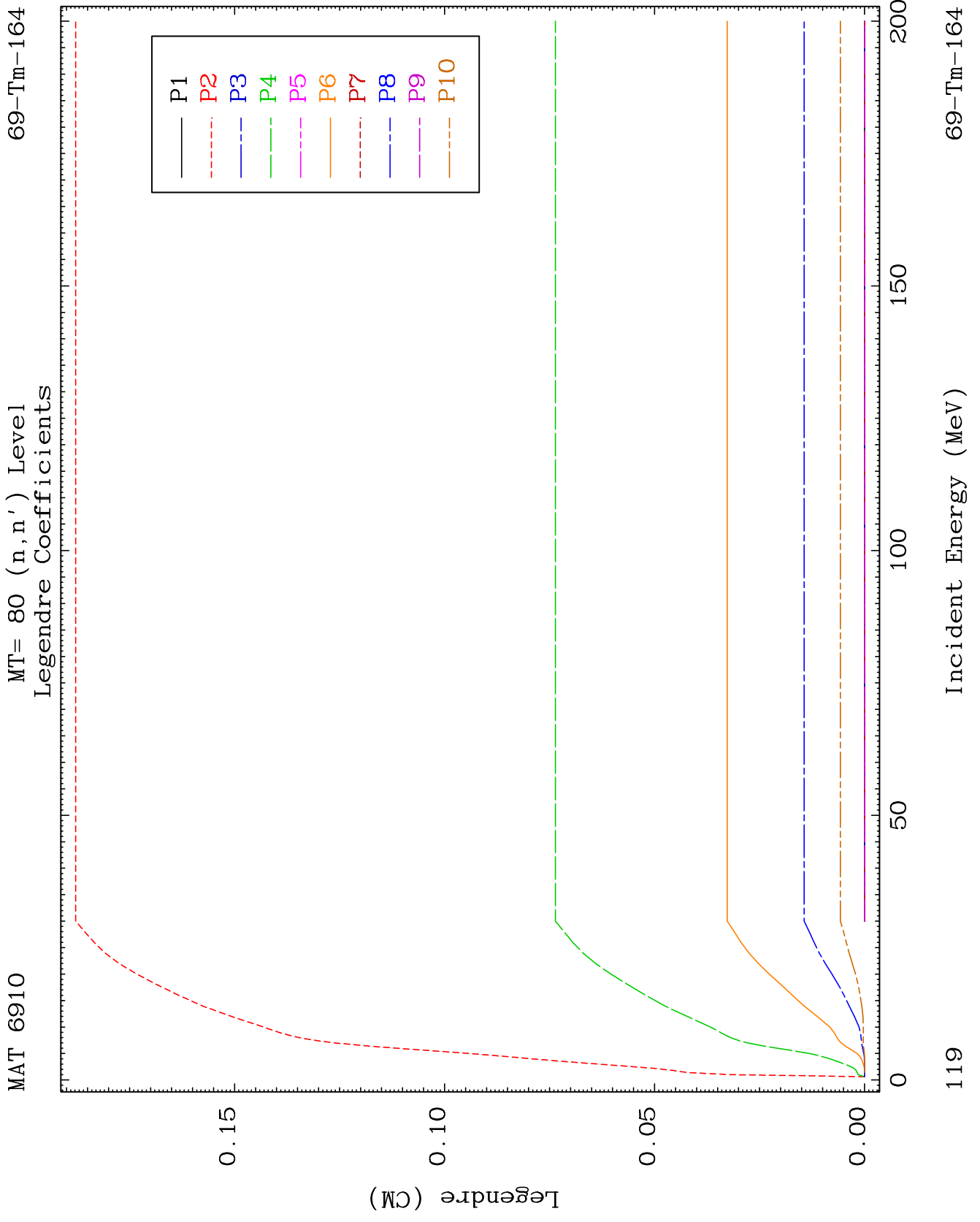




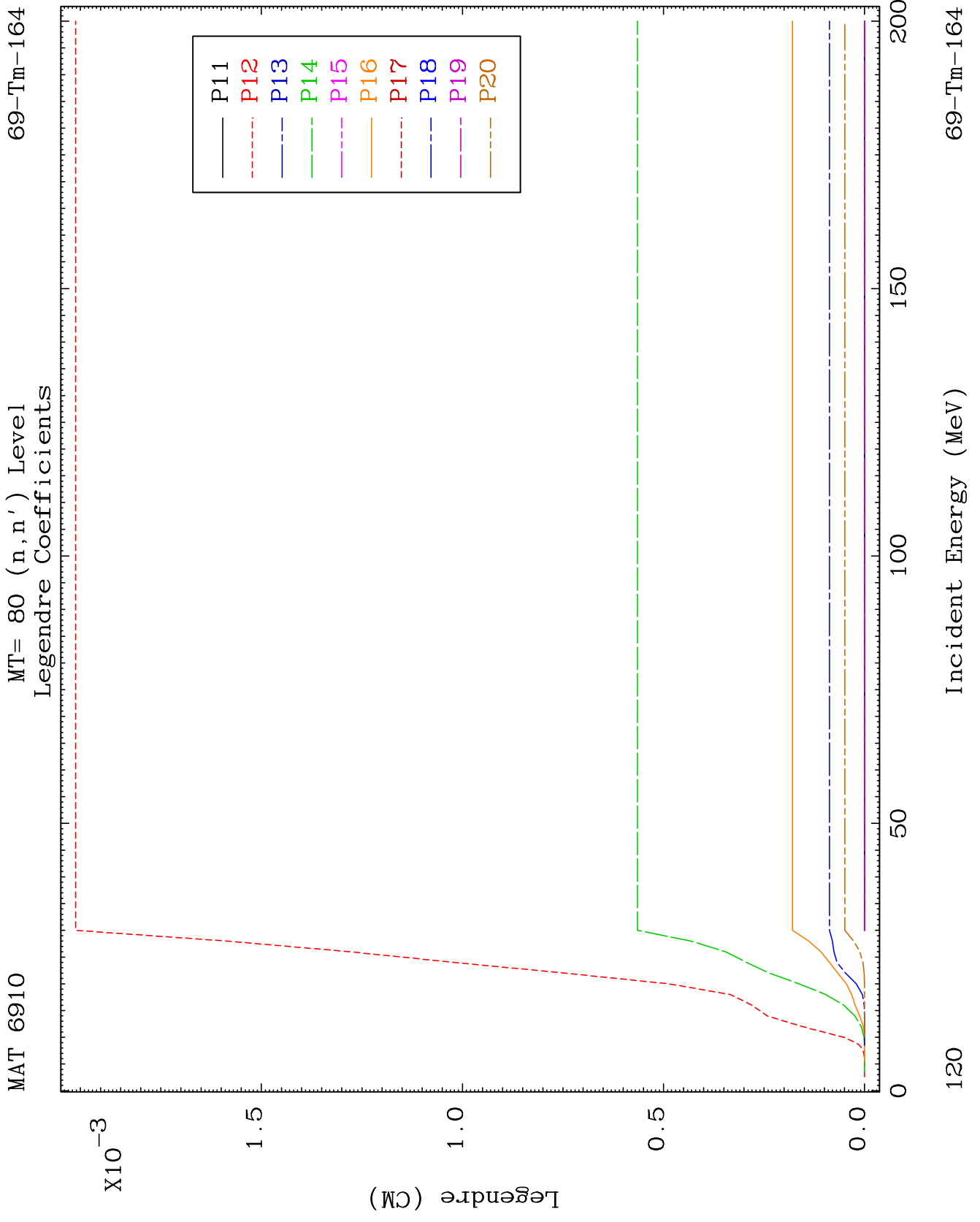


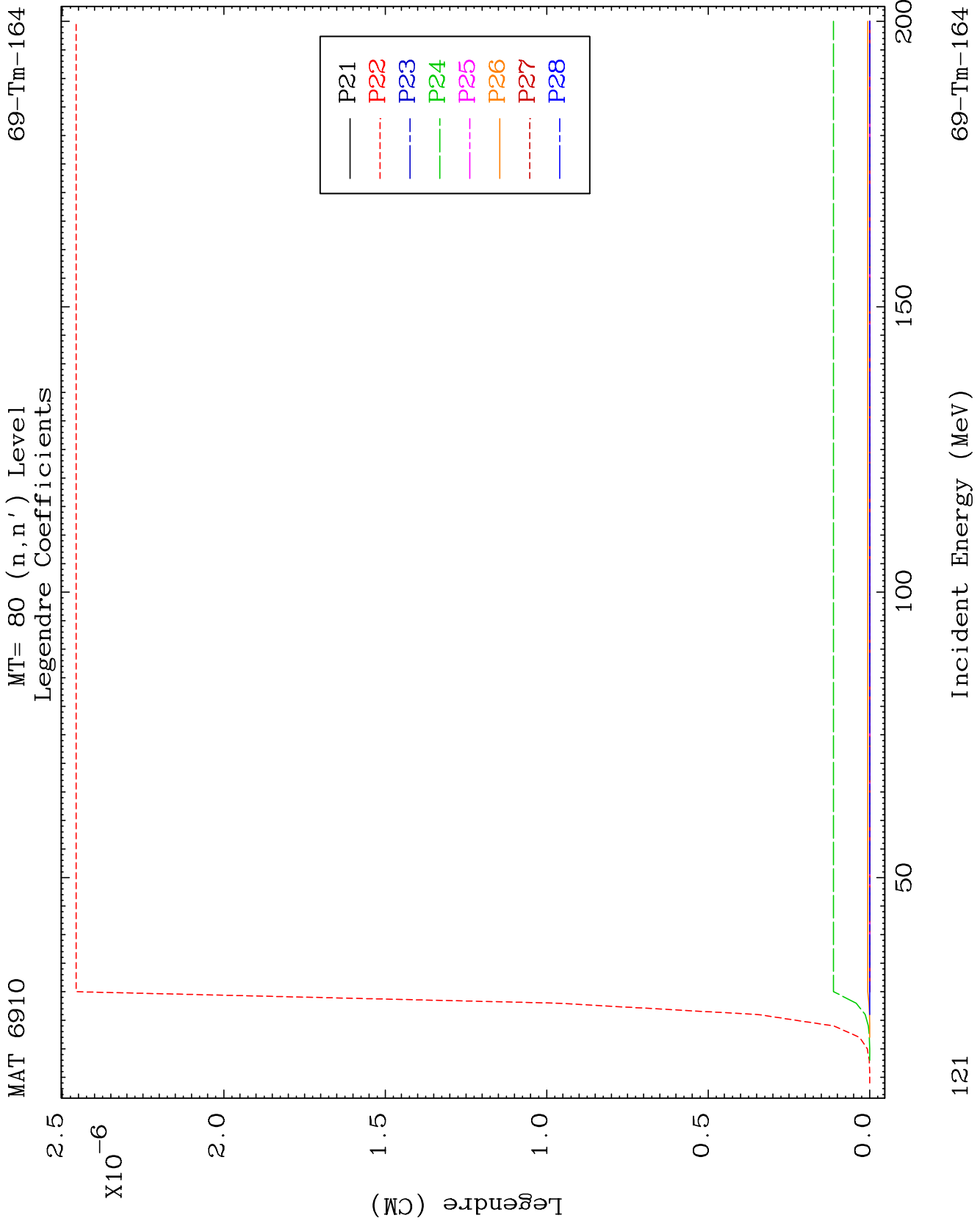








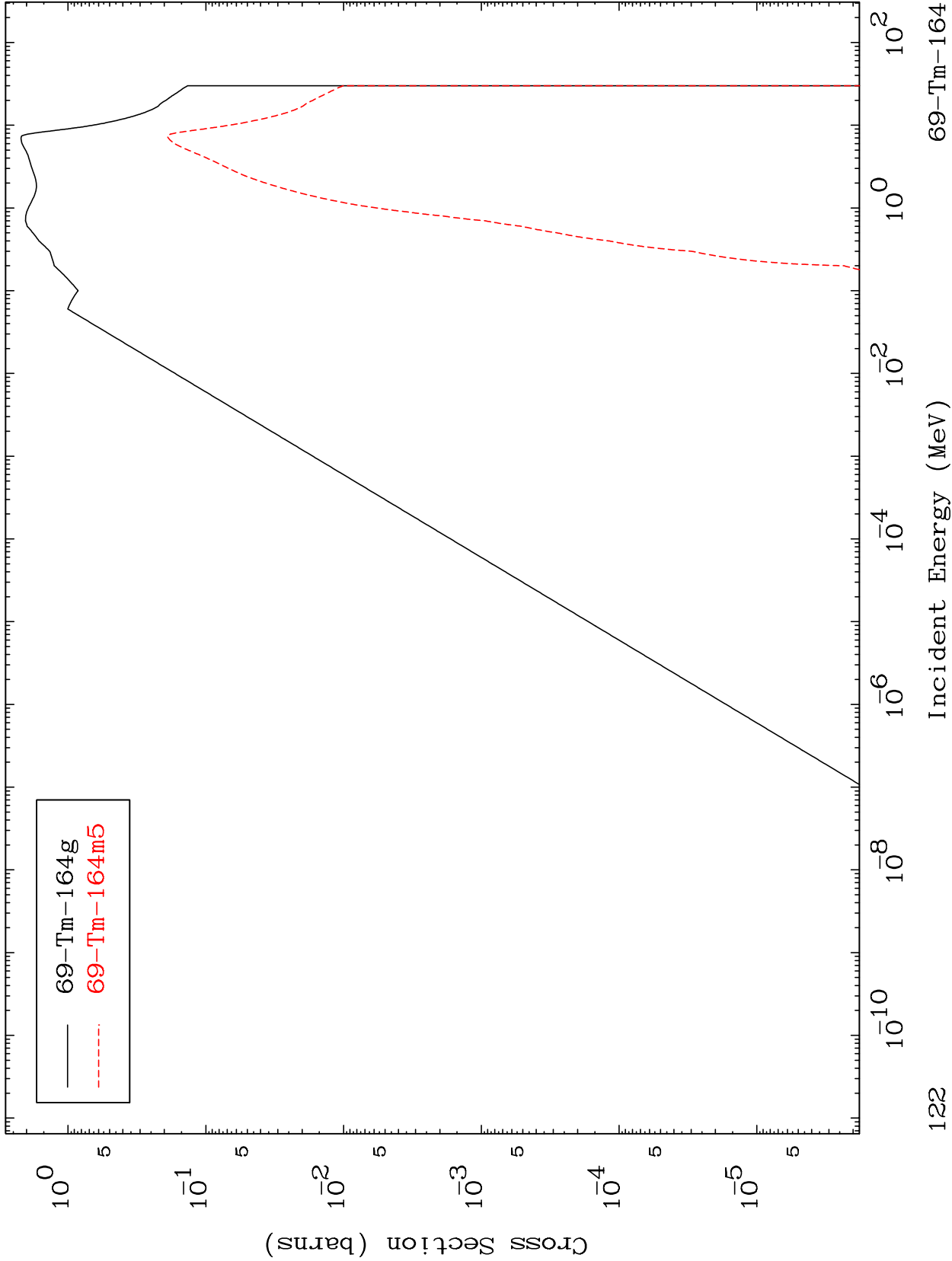




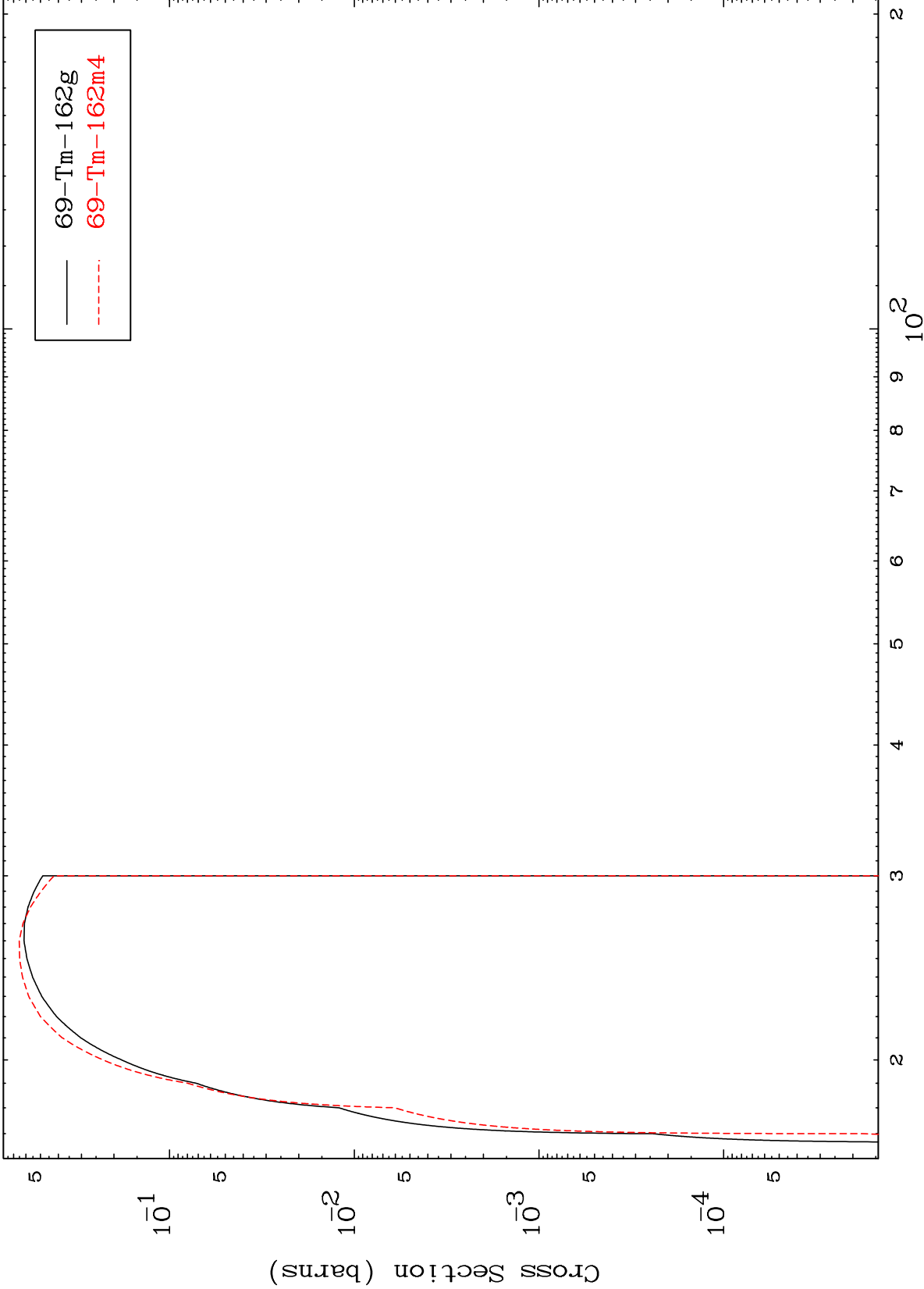
MAT 6910

Inelastic  
Radionuclide Production Cross Section

69-Tm-164



Radionuclide Production Cross Section

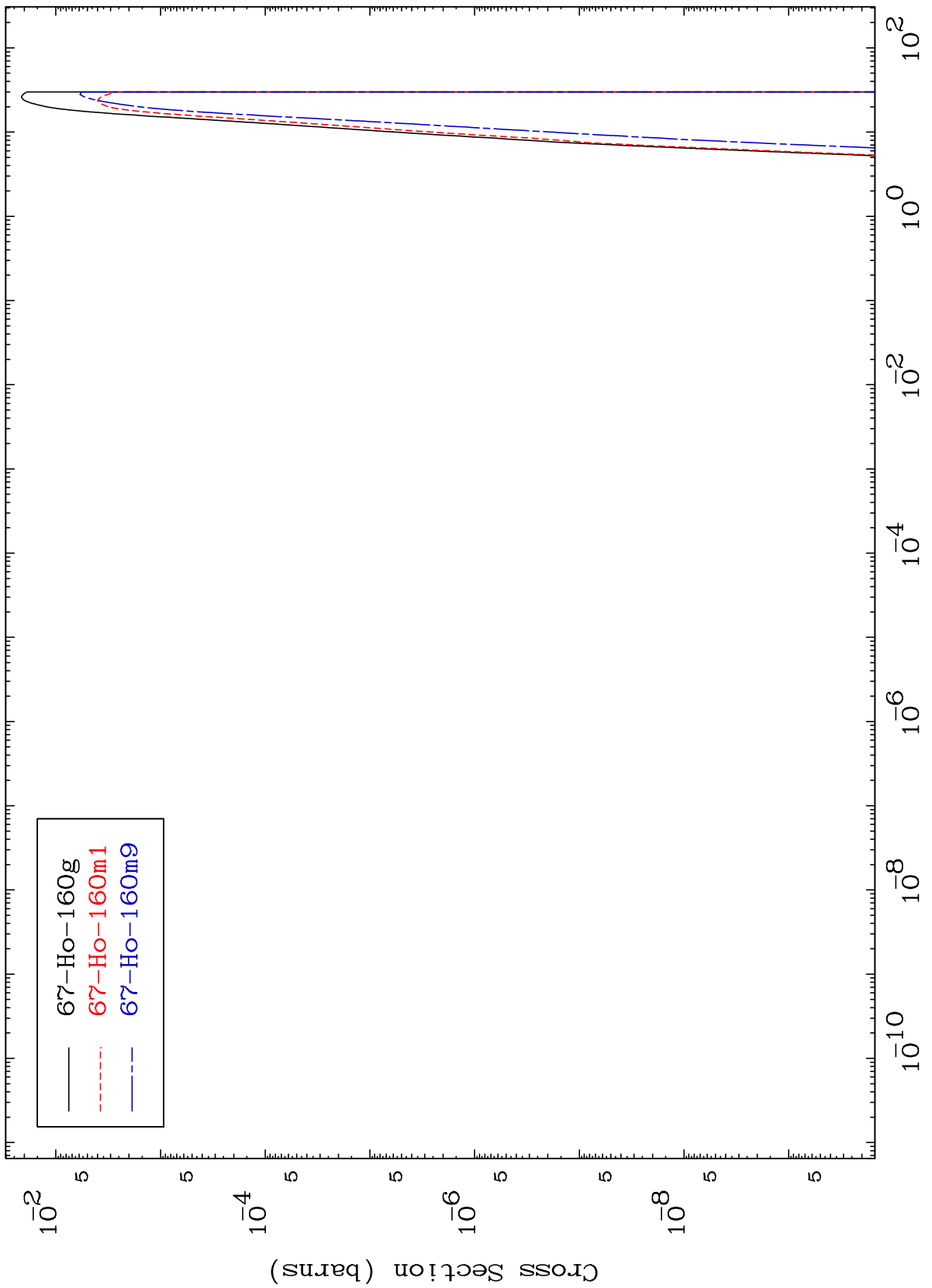


MAT 6910

$(n, n')$   $\alpha$

69-Tm-164

Radionuclide Production Cross Section



124

Incident Energy (MeV)

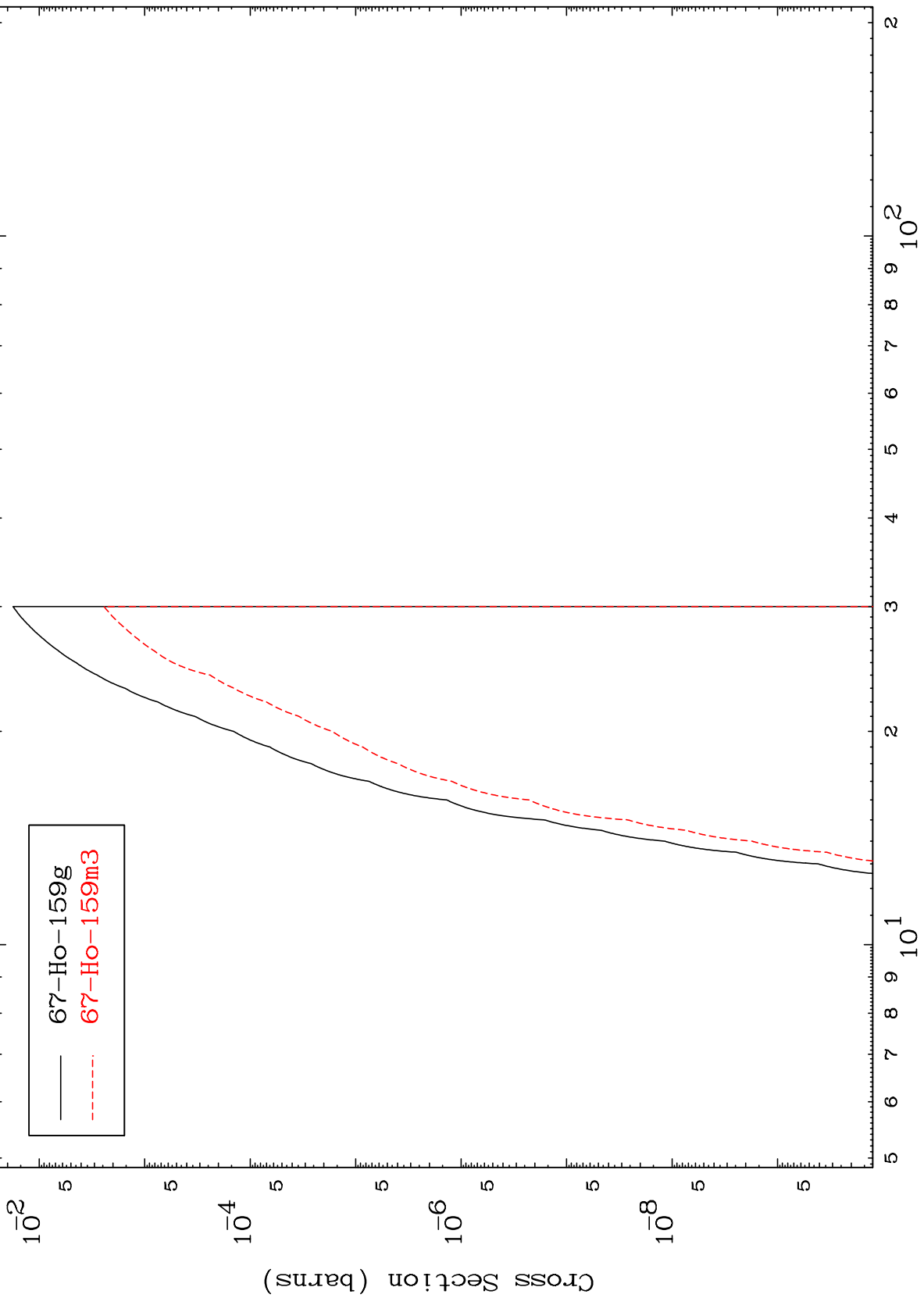
69-Tm-164

MAT 6910

(n,2n)  $\alpha$

69-Tm-164

Radionuclide Production Cross Section



67-Ho-159g  
67-Ho-159m3

125

Incident Energy (MeV)

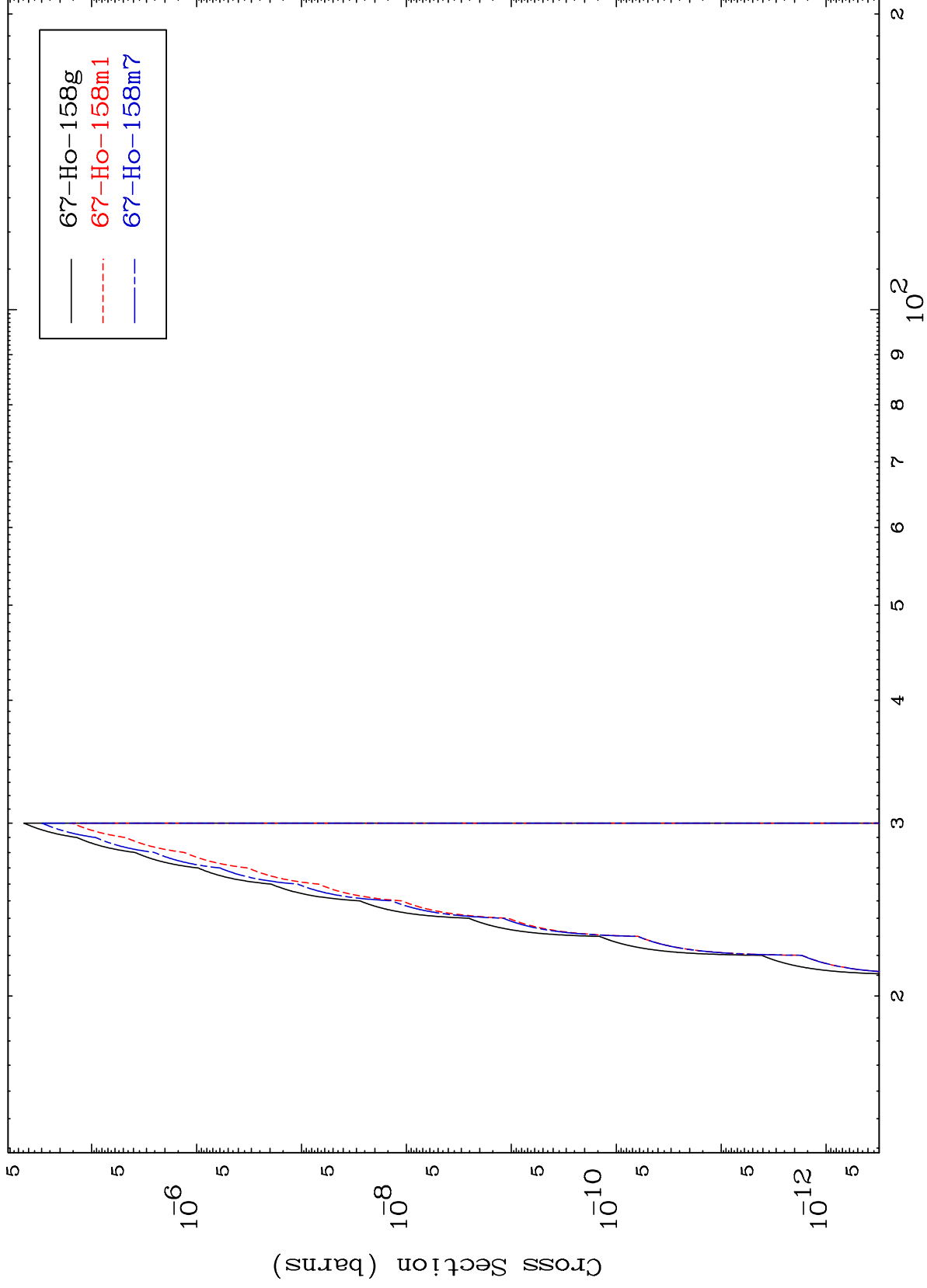
69-Tm-164

MAT 6910

$(n,3n) \alpha$

69-Tm-164

Radionuclide Production Cross Section



126

Incident Energy (MeV)

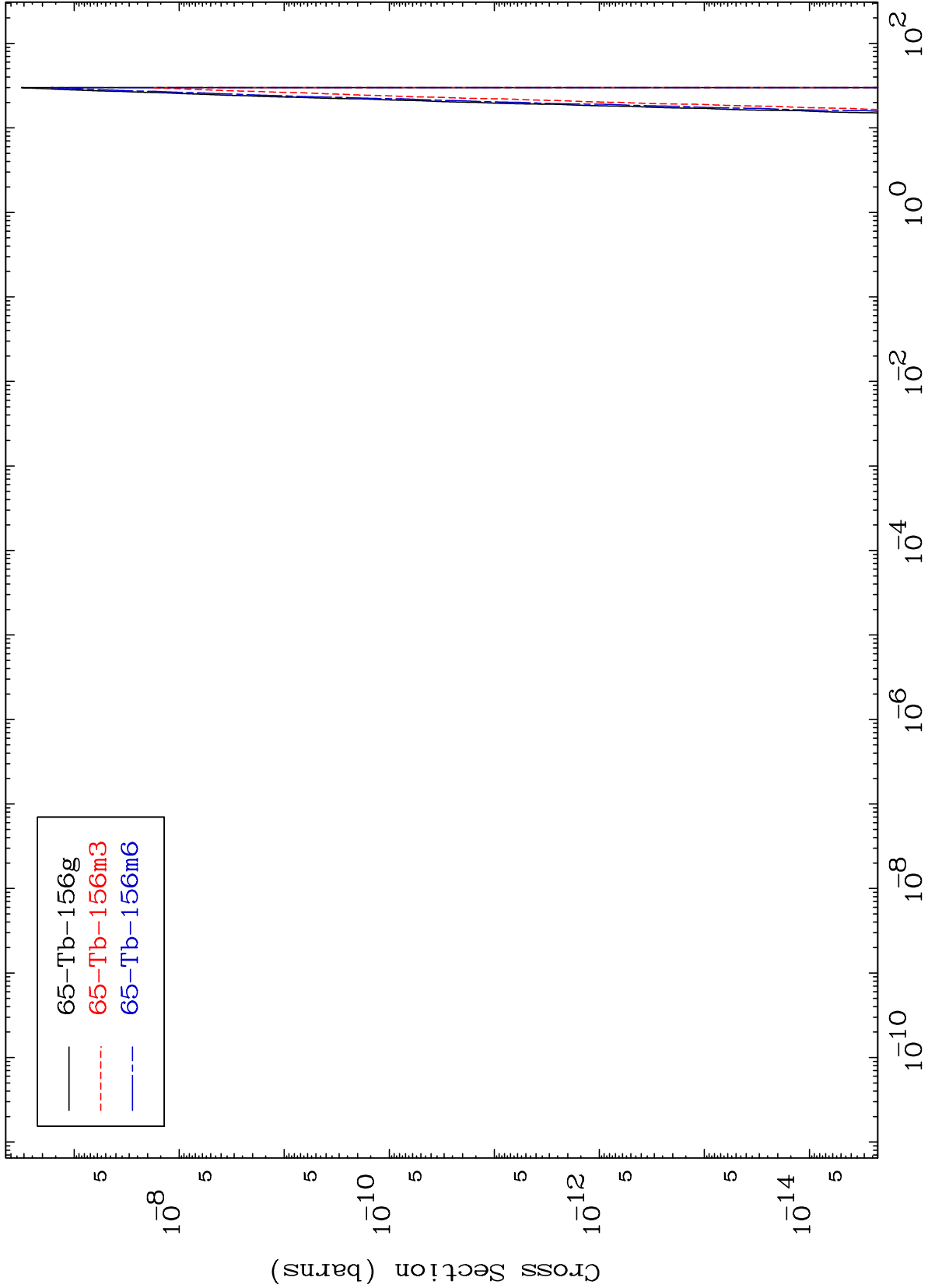
69-Tm-164

MAT 6910

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section



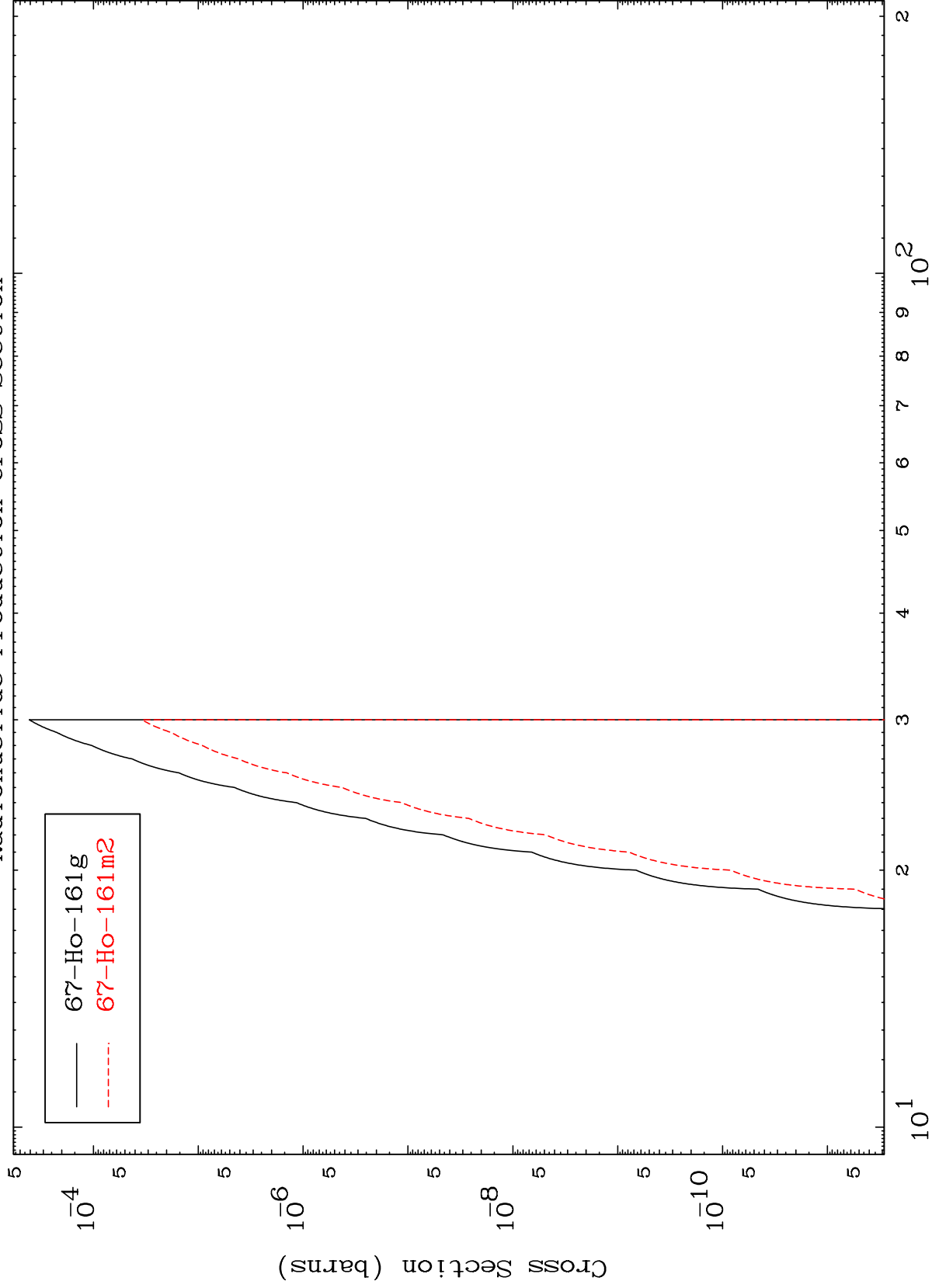


MAT 6910

(n,n') He-3

69-Tm-164

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-164

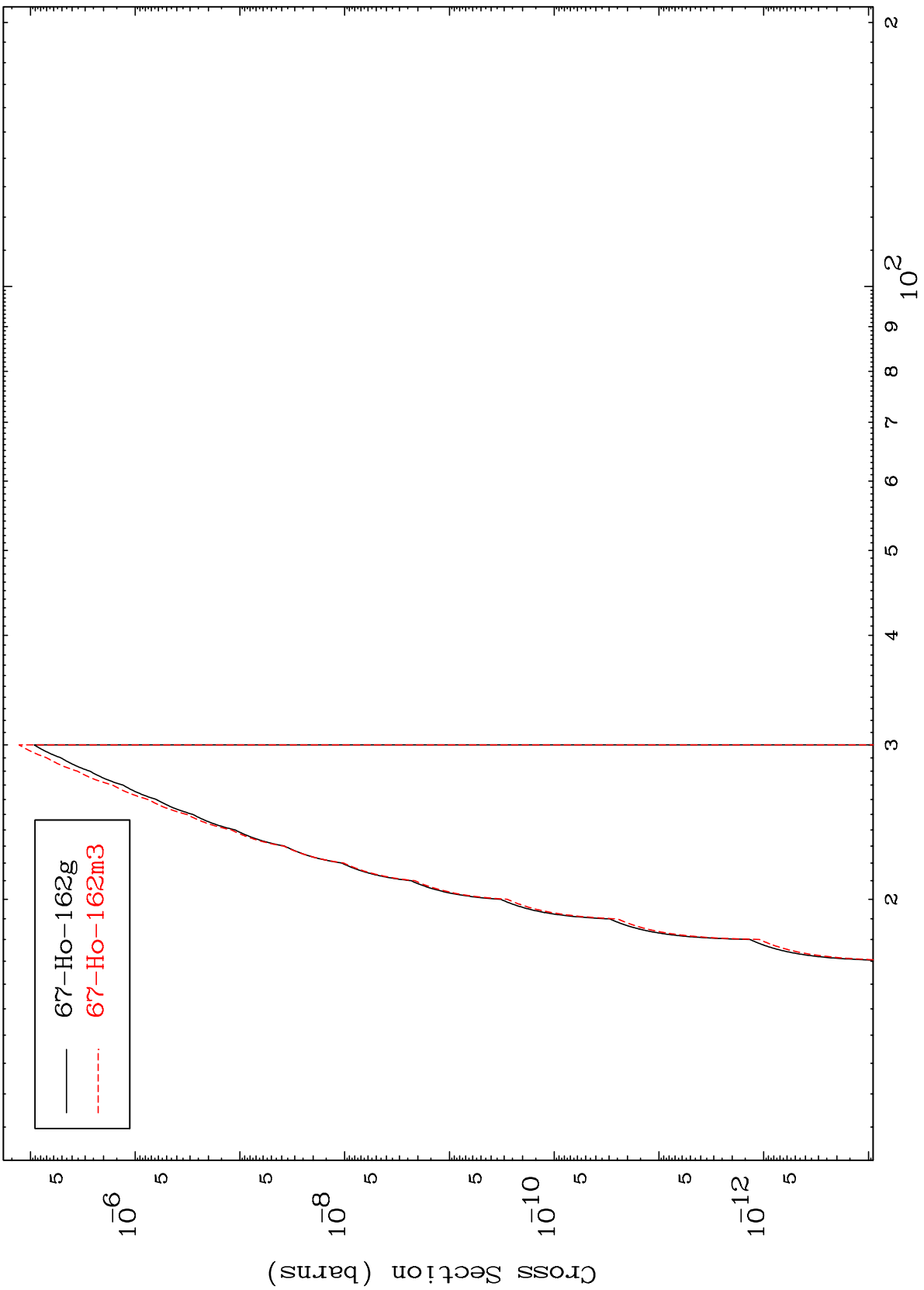
128

MAT 6910

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section



67-Ho-162g  
67-Ho-162m3

129

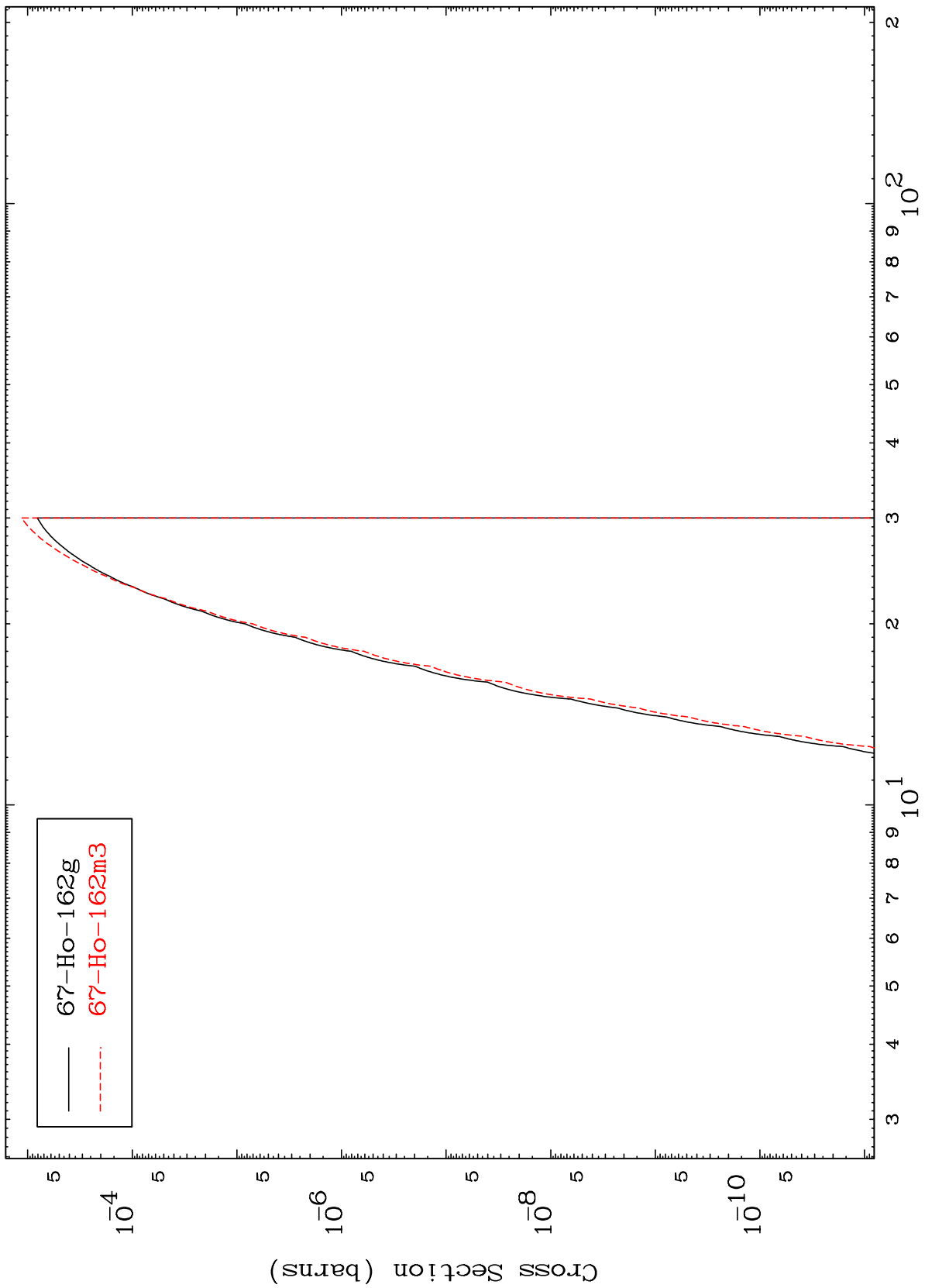
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

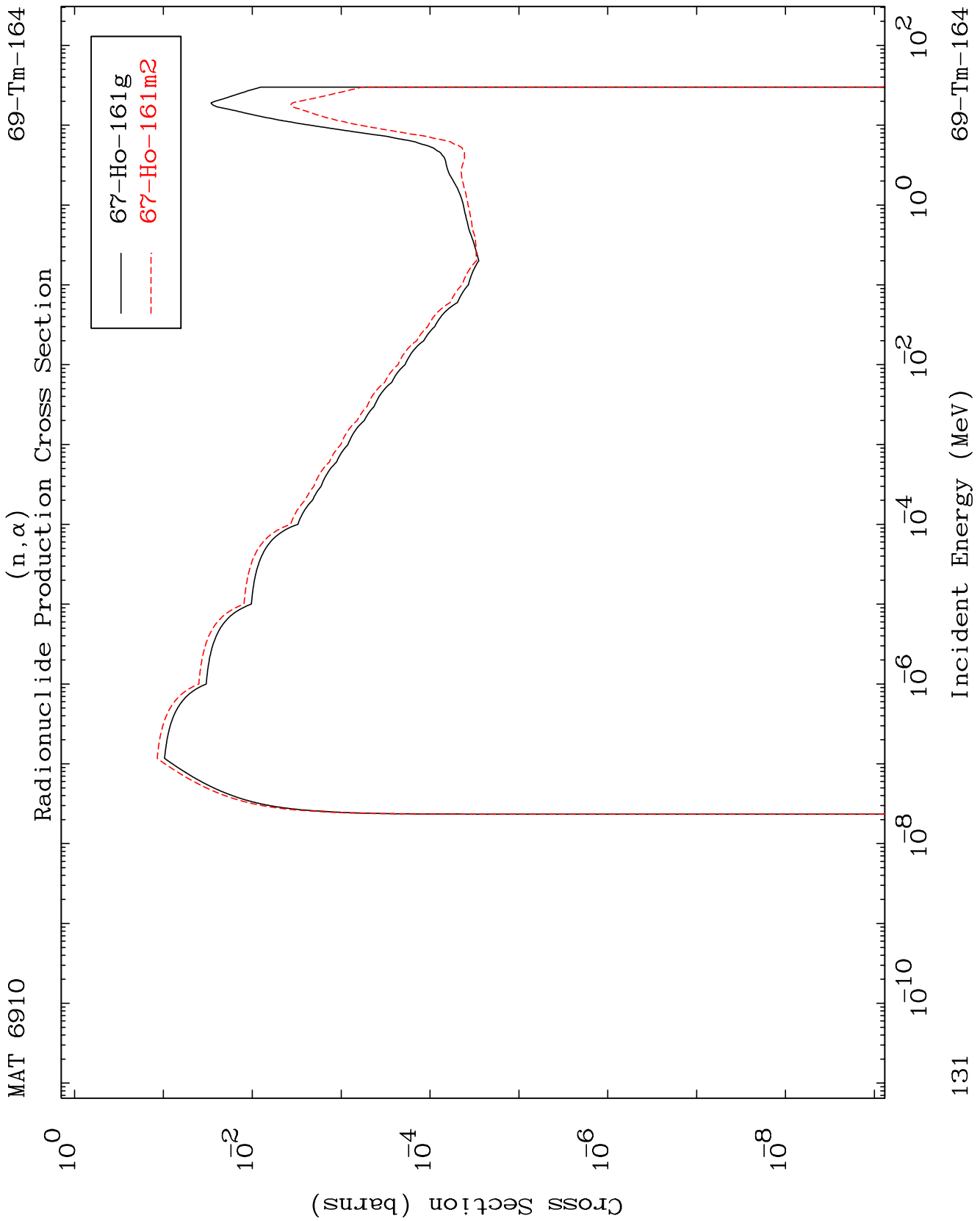
Radionuclide Production Cross Section  
(n,He-3)



130

69-Tm-164

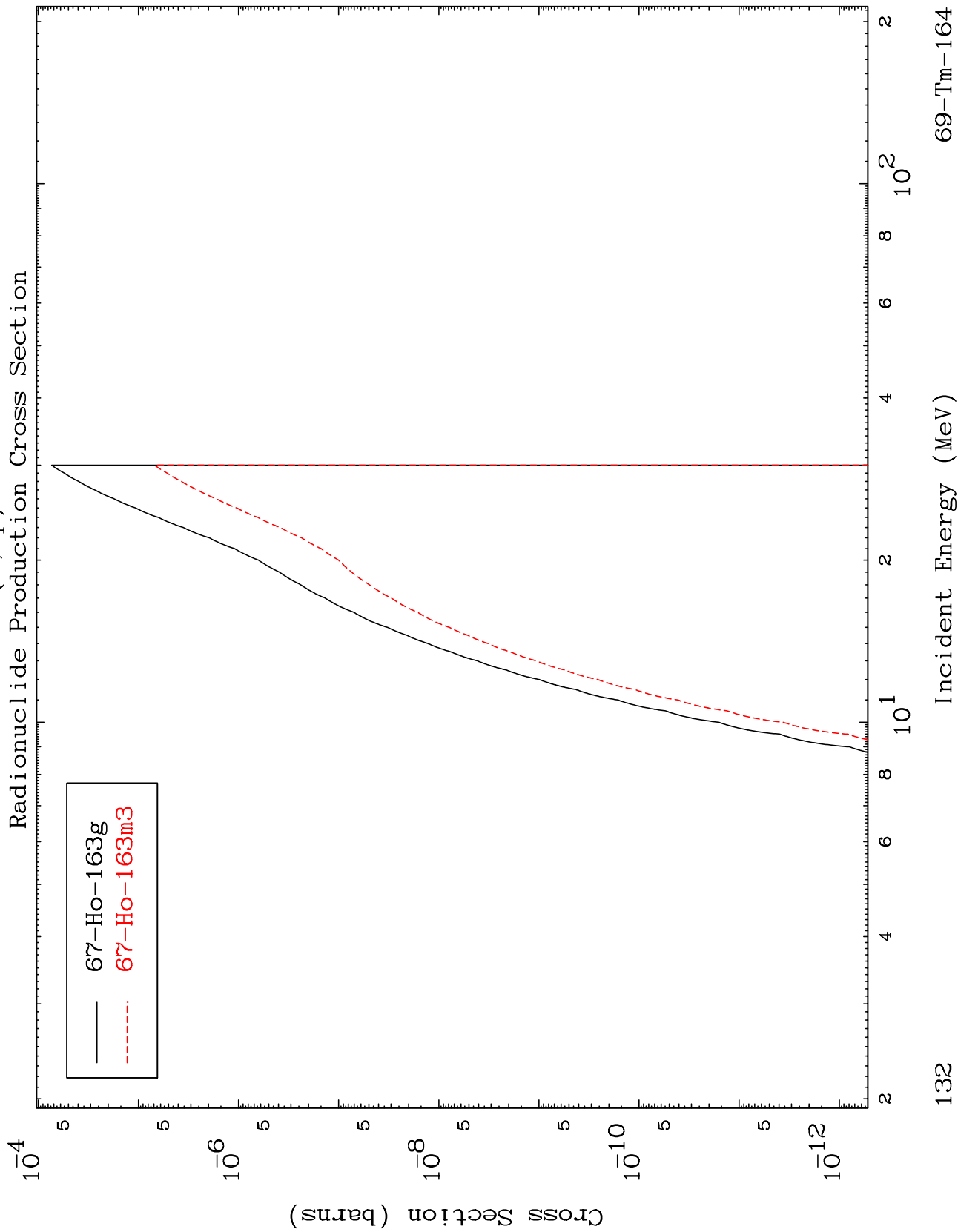
Incident Energy (MeV)



MAT 6910

69-Tm-164

(n,2p)  
Radionuclide Production Cross Section



132

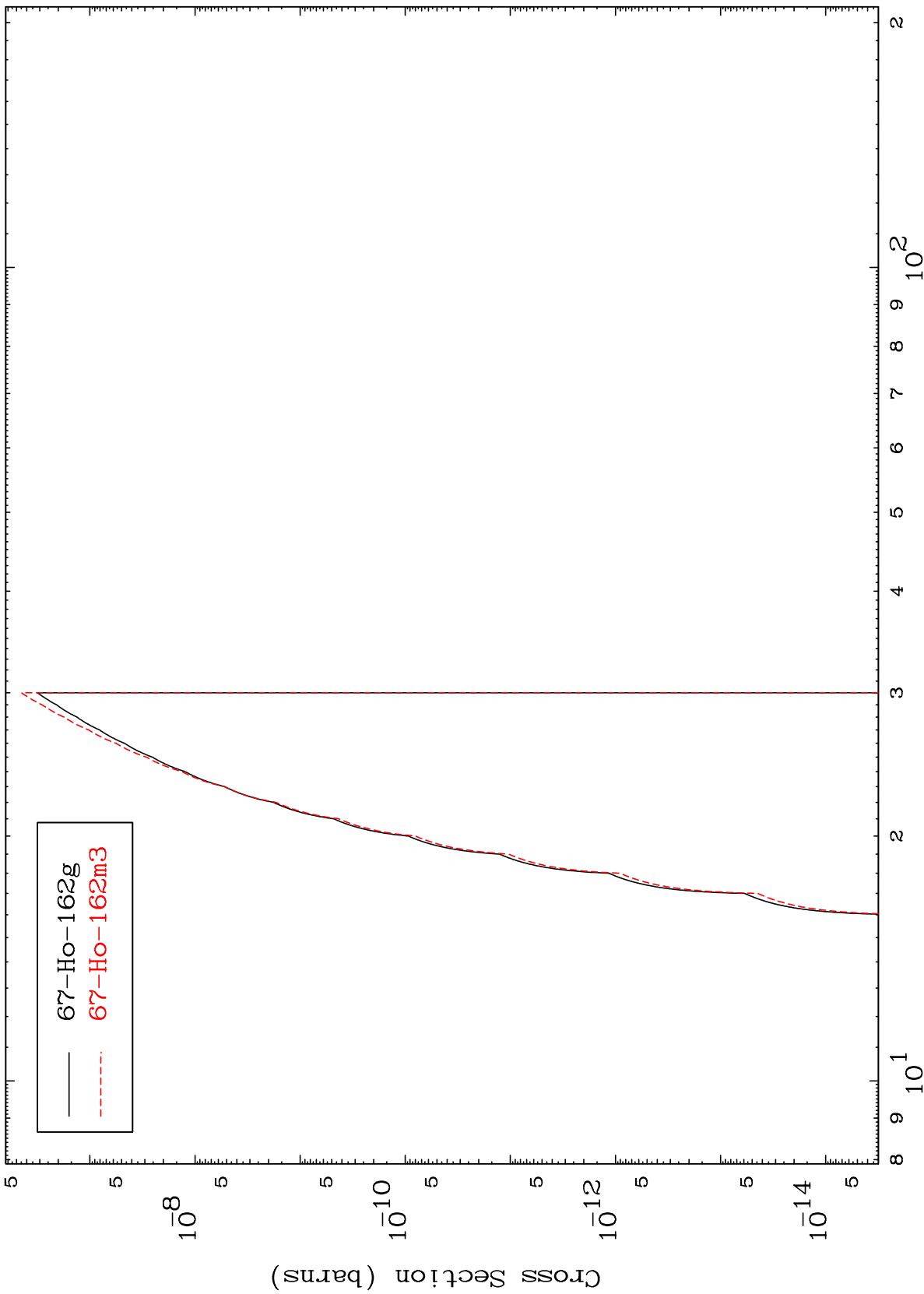
69-Tm-164

MAT 6910

(n,p) d

<sup>69</sup>Tm-164

Radionuclide Production Cross Section



133

Incident Energy (MeV)

<sup>69</sup>Tm-164

