

Program EVALPLOT  
(Version 2018-1)

by

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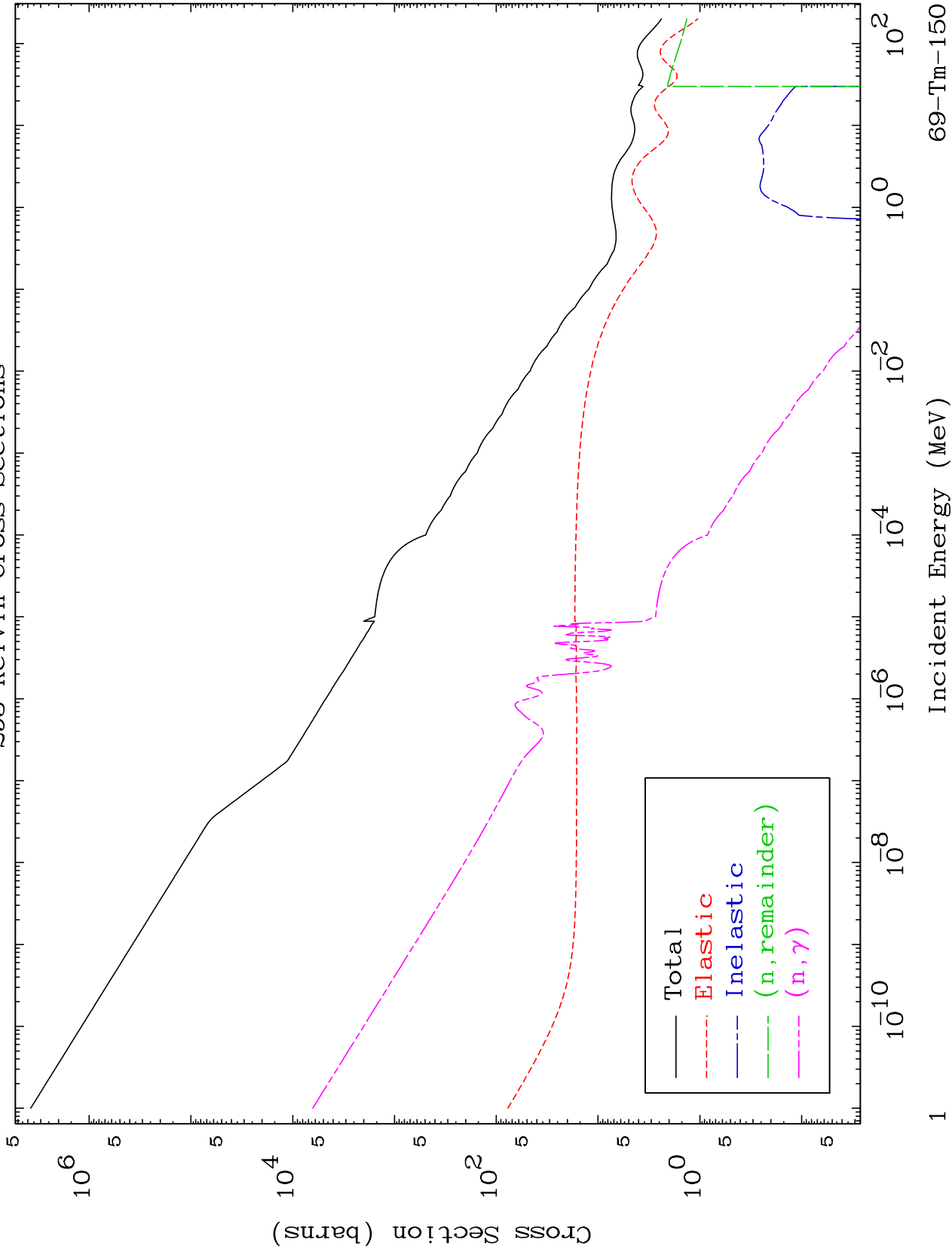
Press Mouse Button to Start

MAT 6868

Major

293 Kelvin Cross Sections

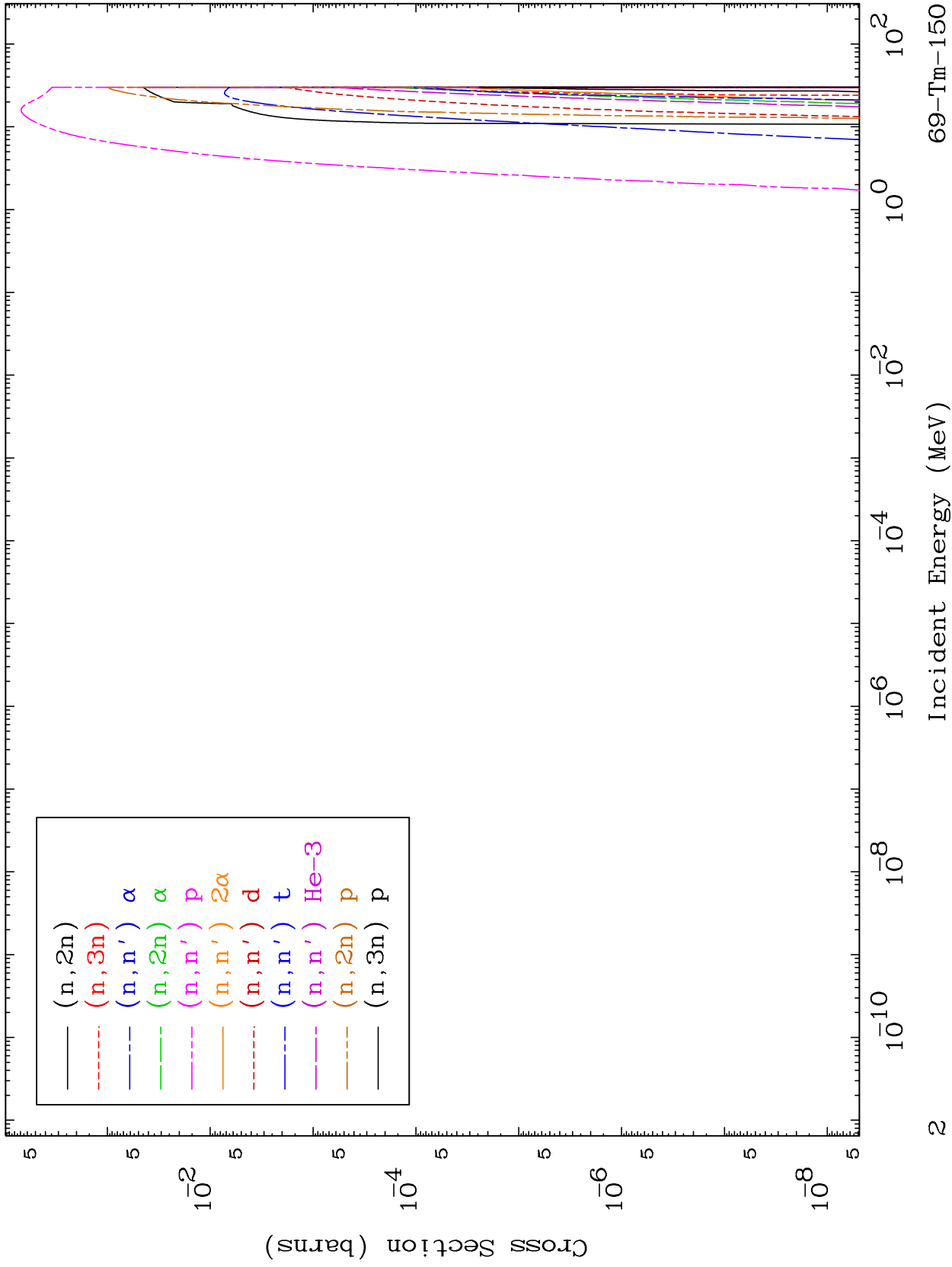
69-Tm-150



MAT 6868

Neutron Production  
293 Kelvin Cross Sections

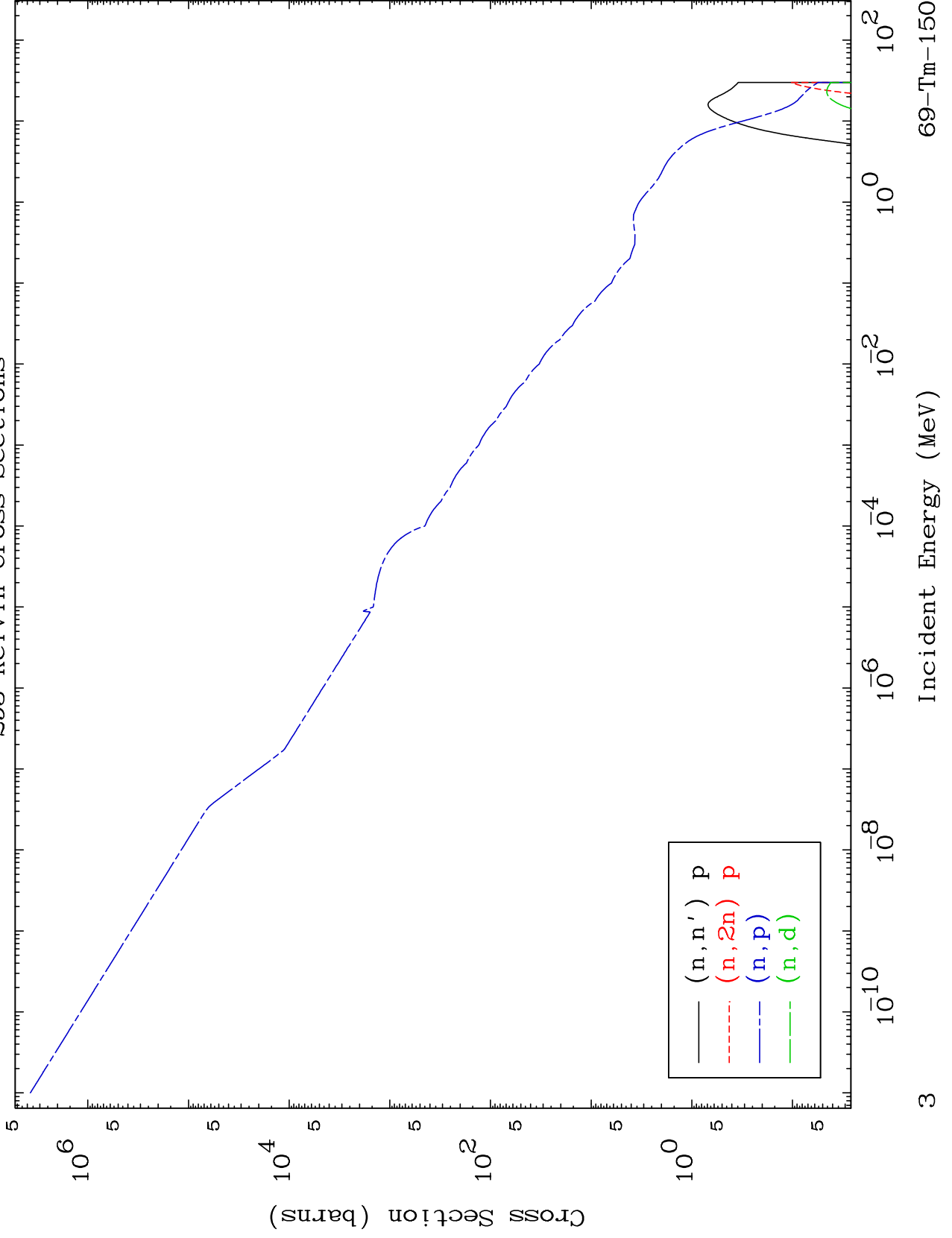
69-Tm-150



MAT 6868

Charged Particle  
293 Kelvin Cross Sections

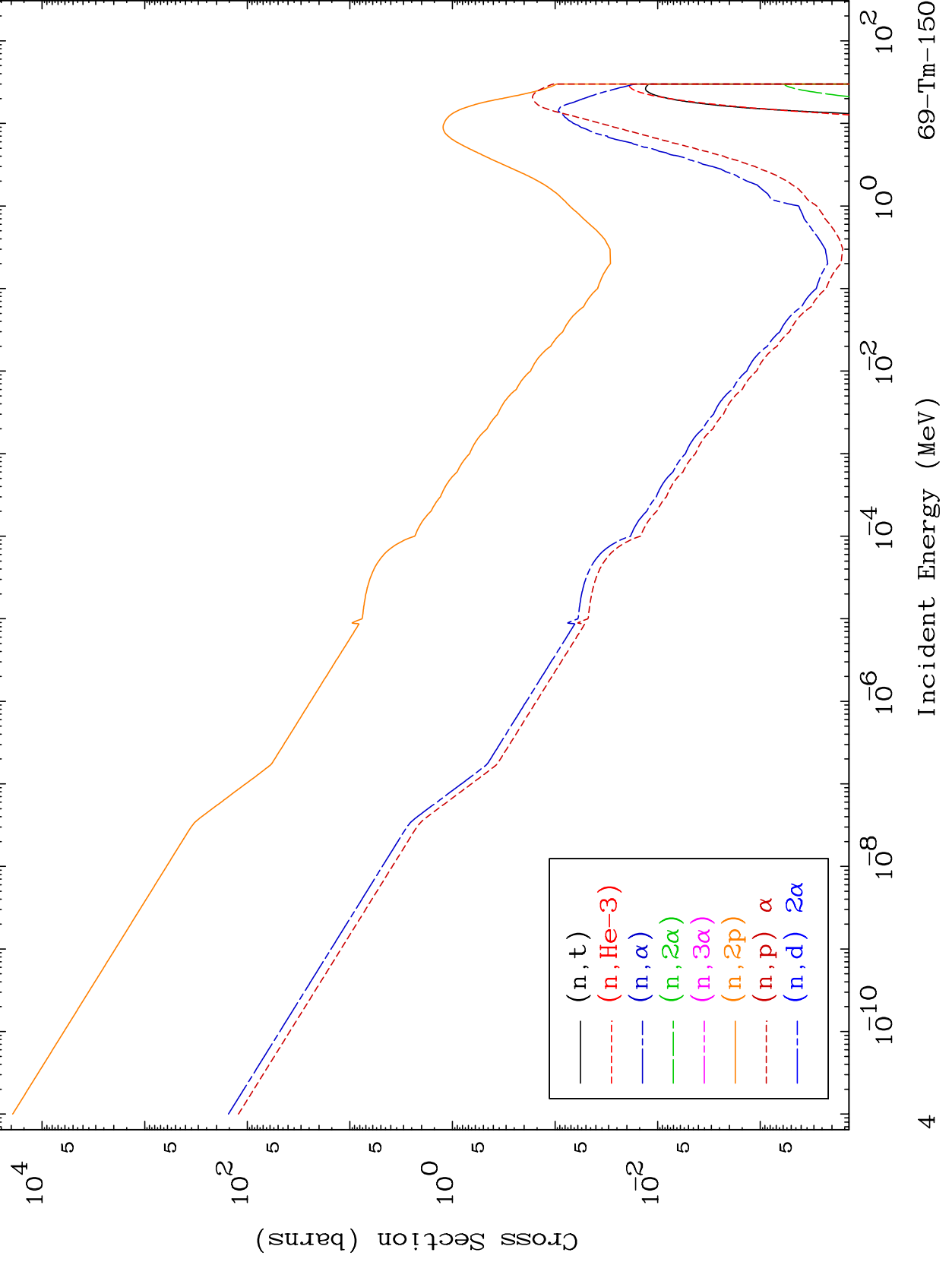
69-Tm-150



MAT 6868

Charged Particle  
293 Kelvin Cross Sections

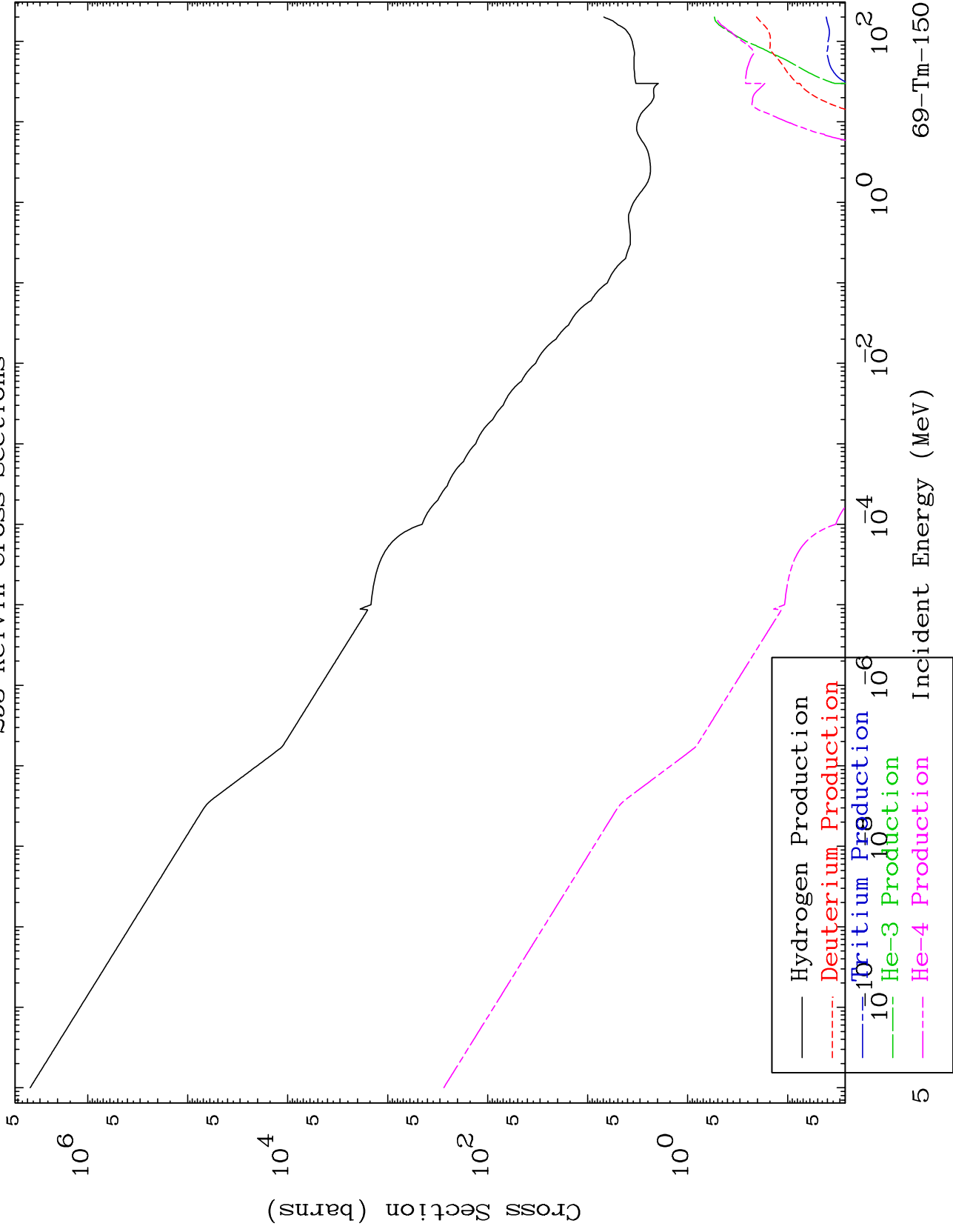
69-Tm-150



MAT 6868

Particle Production  
293 Kelvin Cross Sections

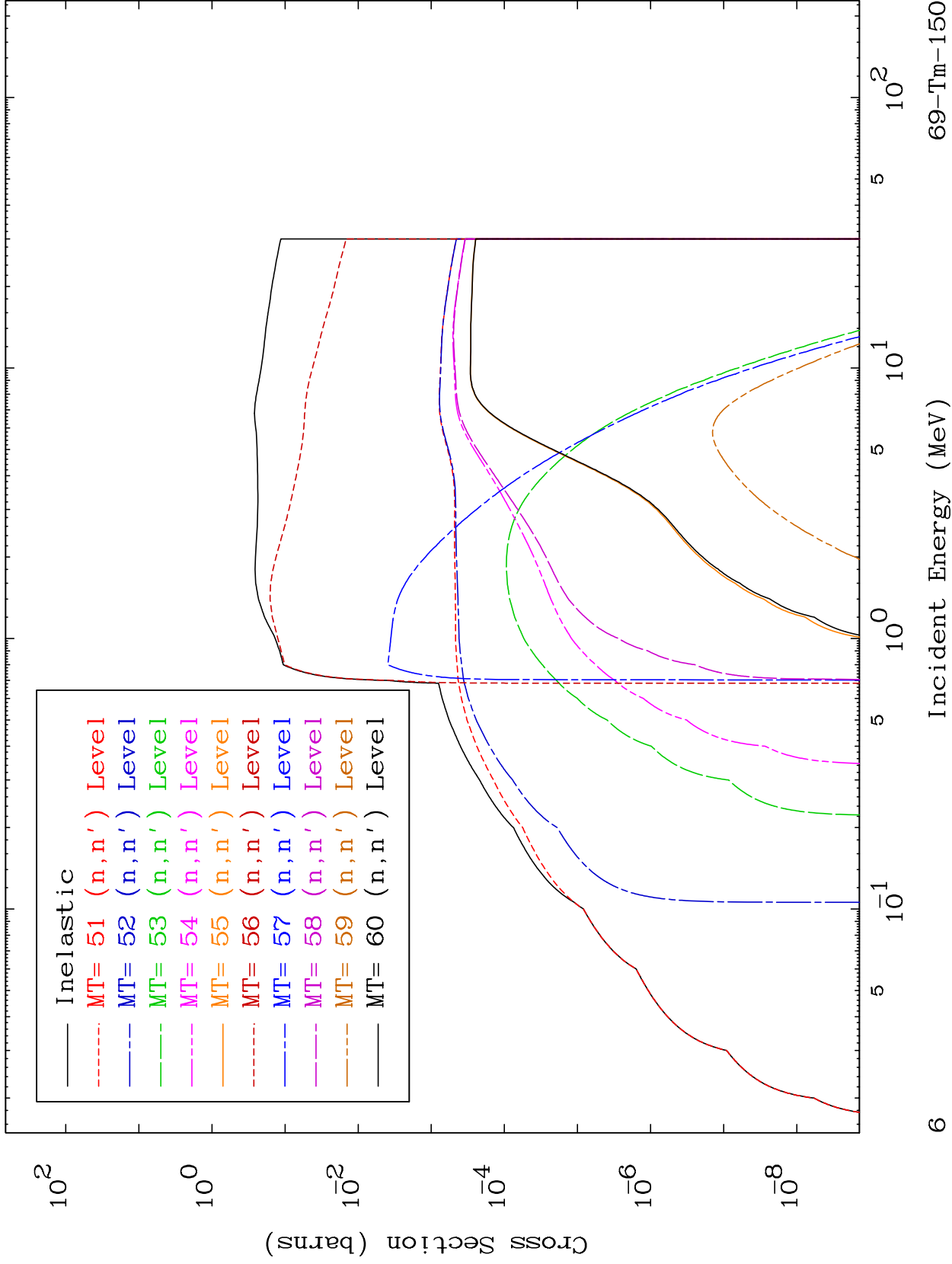
69-Tm-150



MAT 6868

293 Kelvin Cross Sections

69-Tm-150

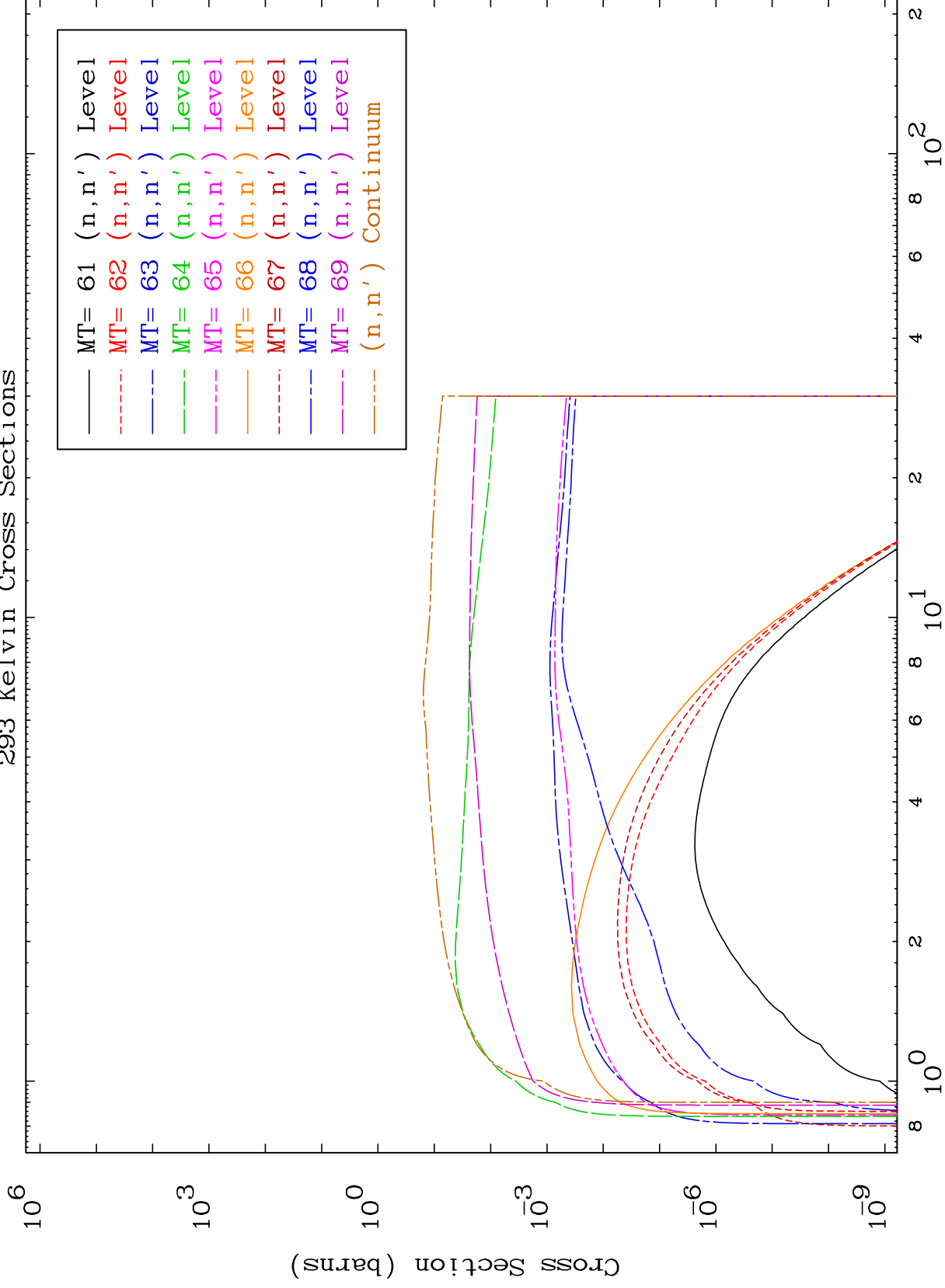


MAT 6868

(n,n') Level

69-Tm-150

293 Kelvin Cross Sections



Incident Energy (MeV)

69-Tm-150

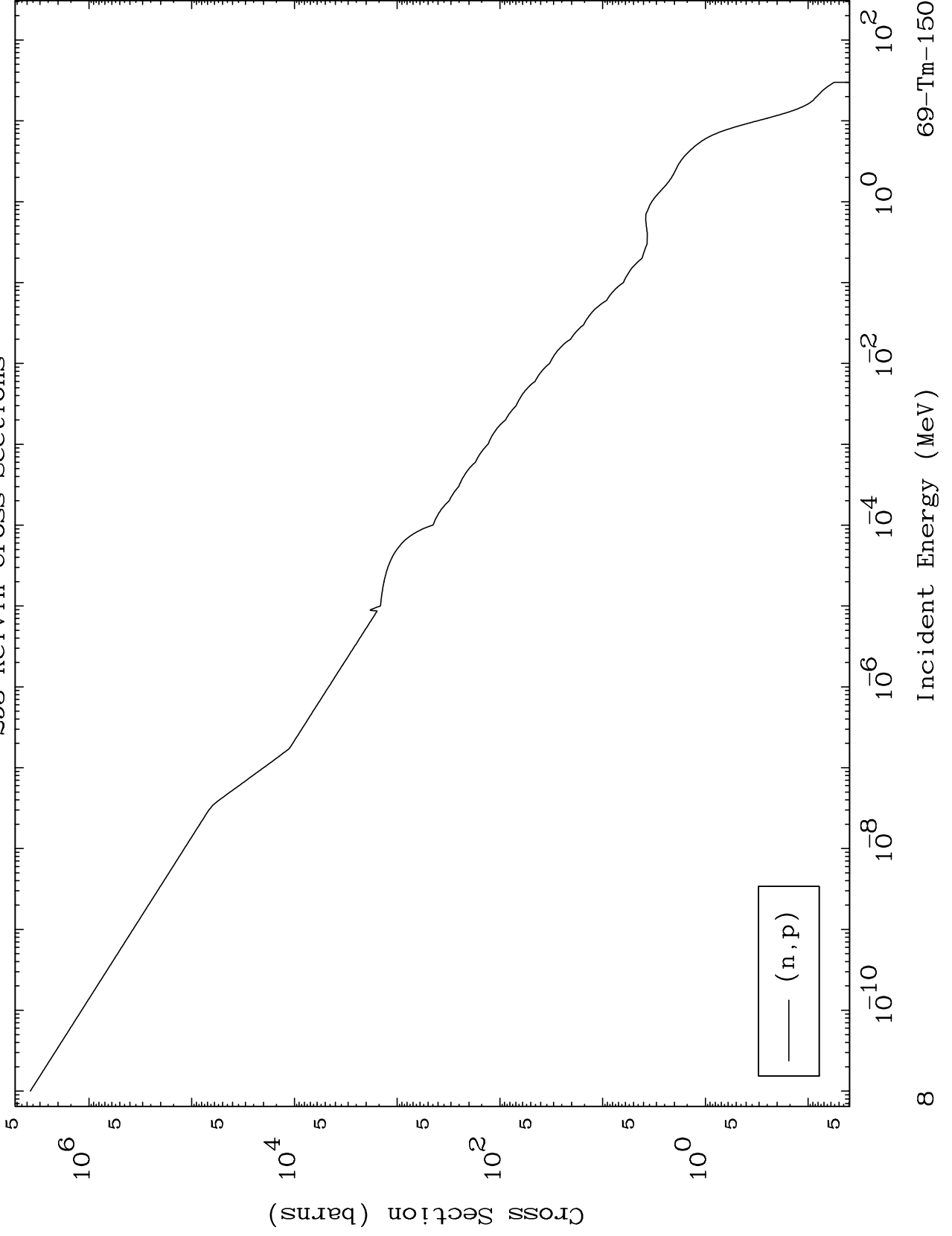
7



MAT 6868

(n,p) Levels  
293 Kelvin Cross Sections

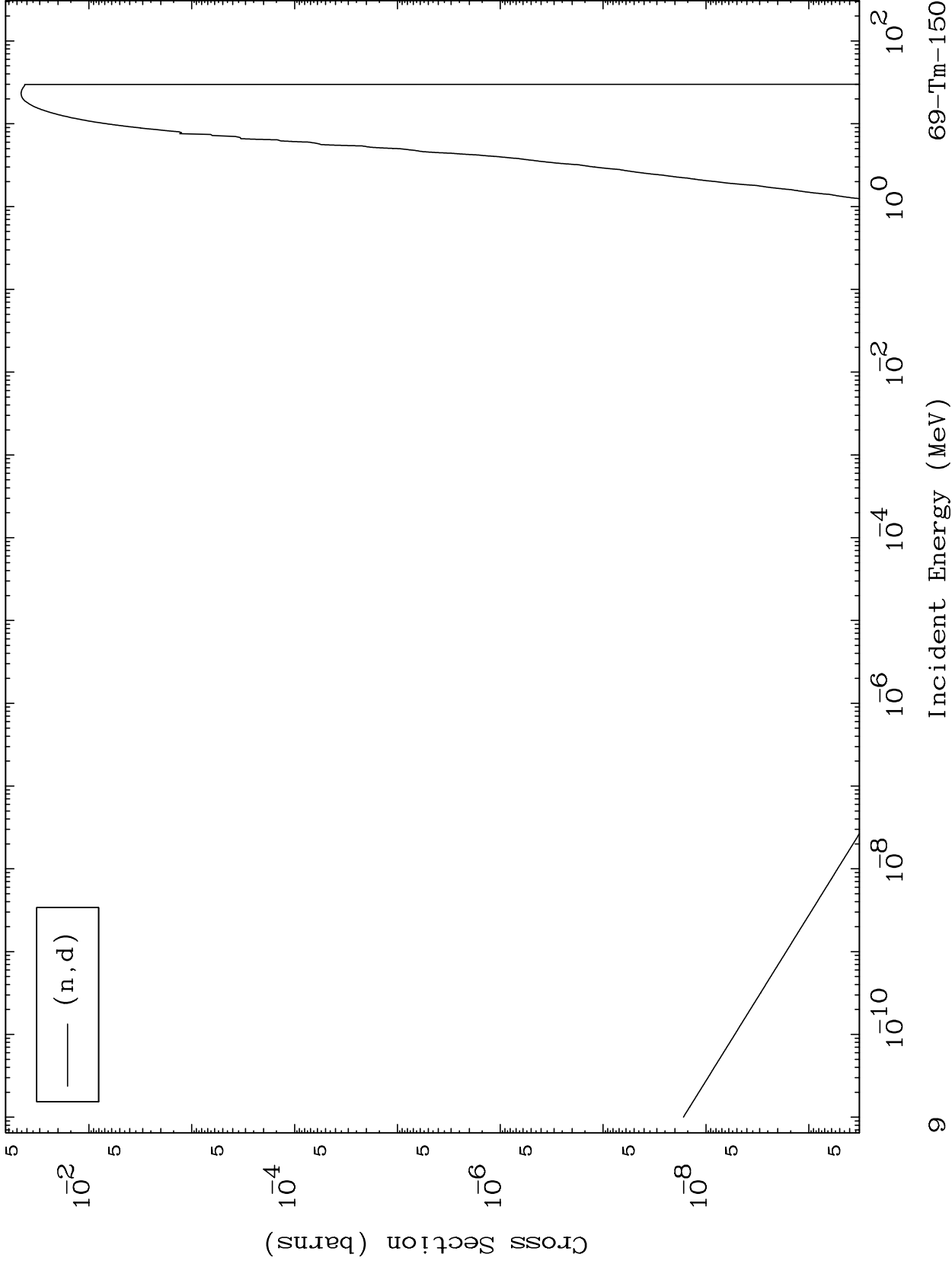
69-Tm-150



MAT 6868

(n,d) Levels  
293 Kelvin Cross Sections

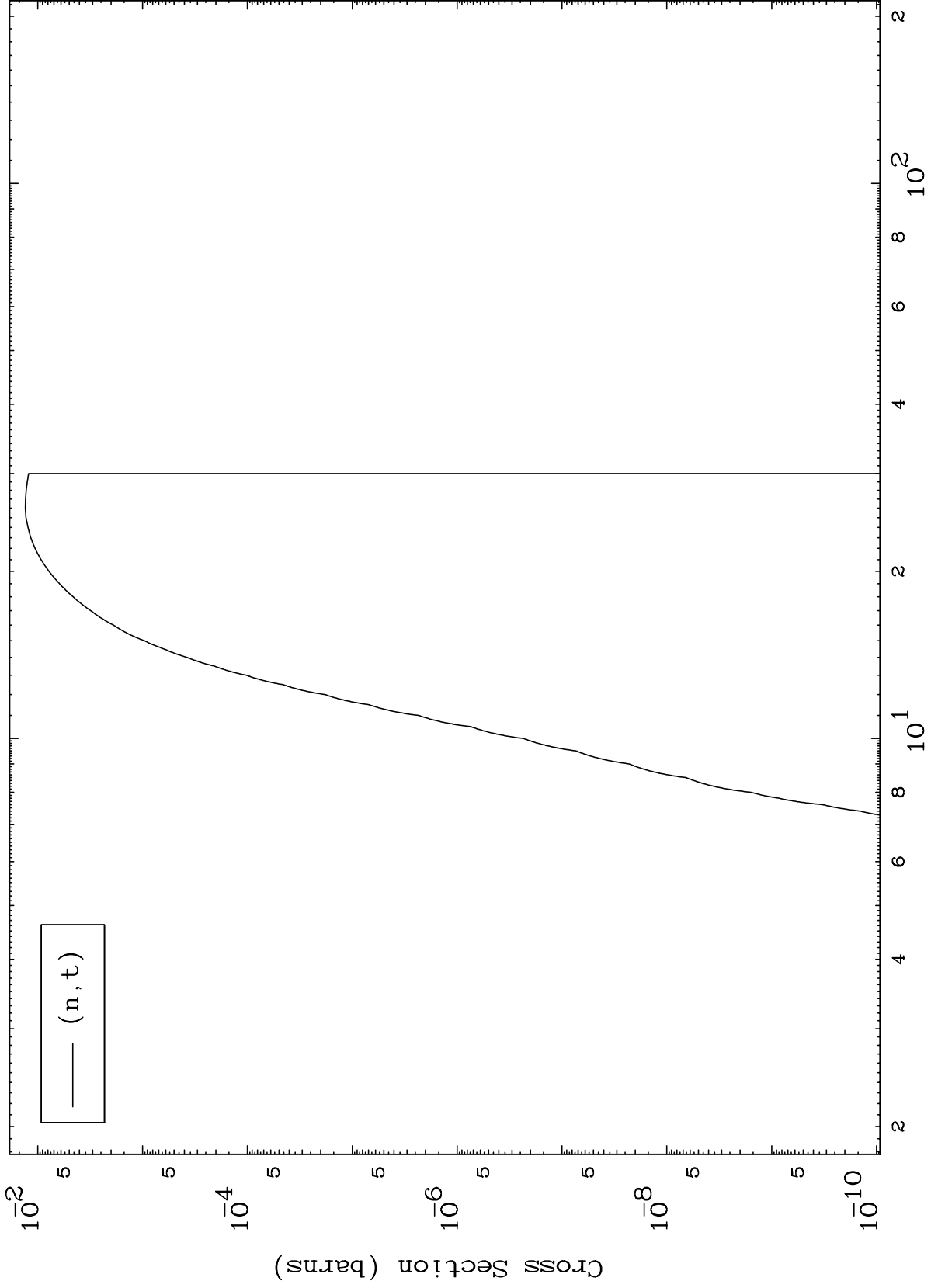
69-Tm-150



MAT 6868

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-150



10

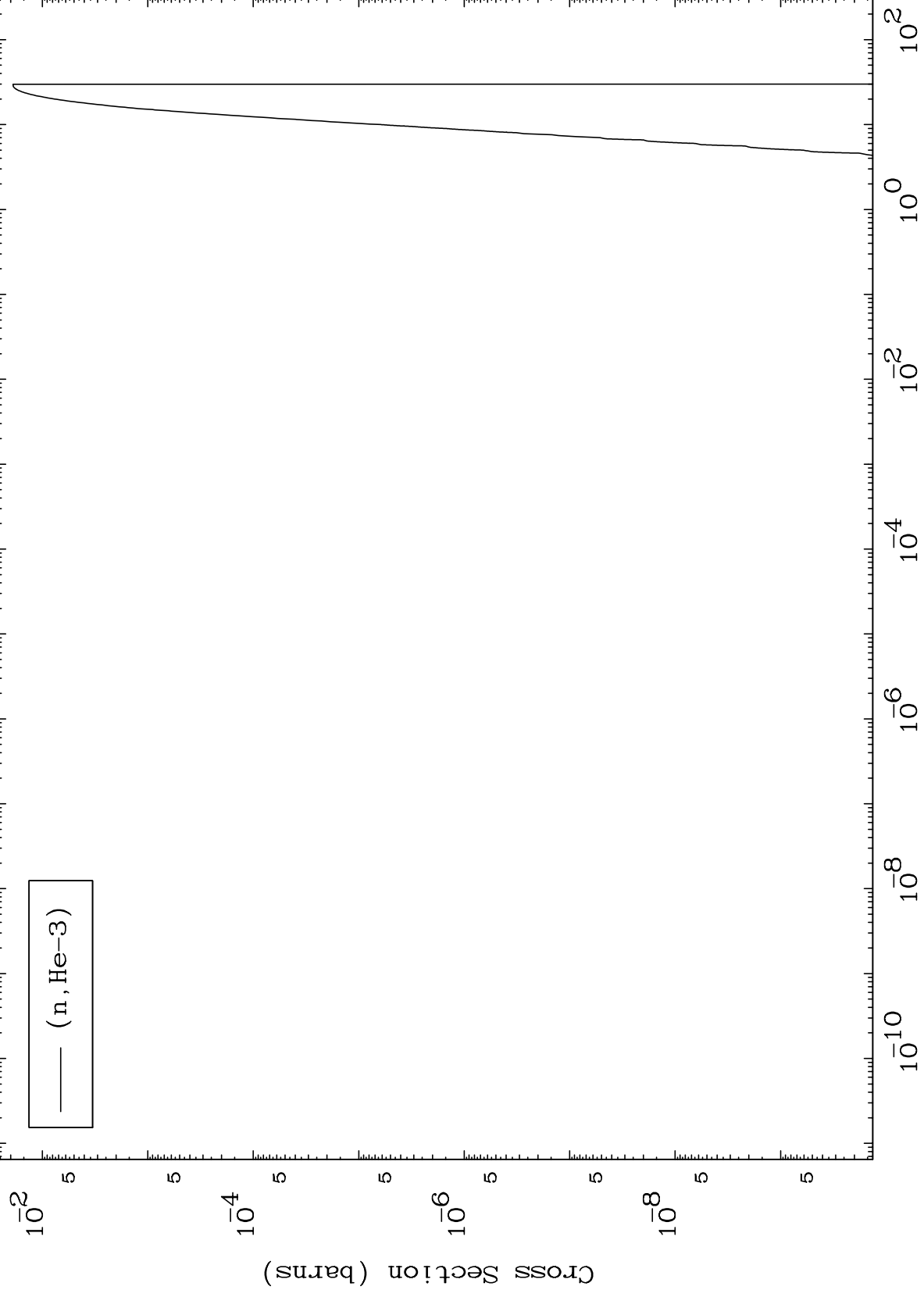
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,He3) Levels  
293 Kelvin Cross Sections

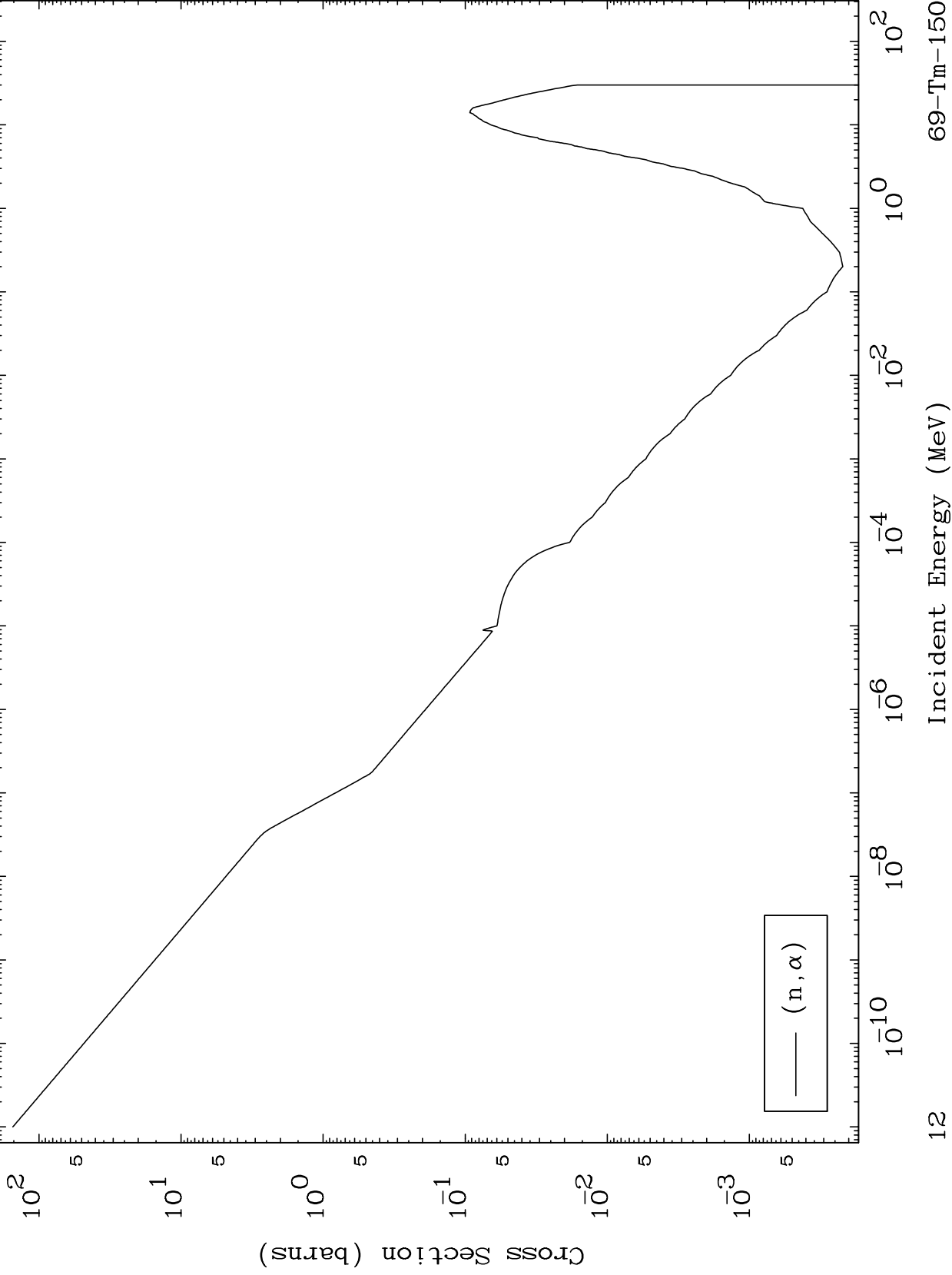
69-Tm-150

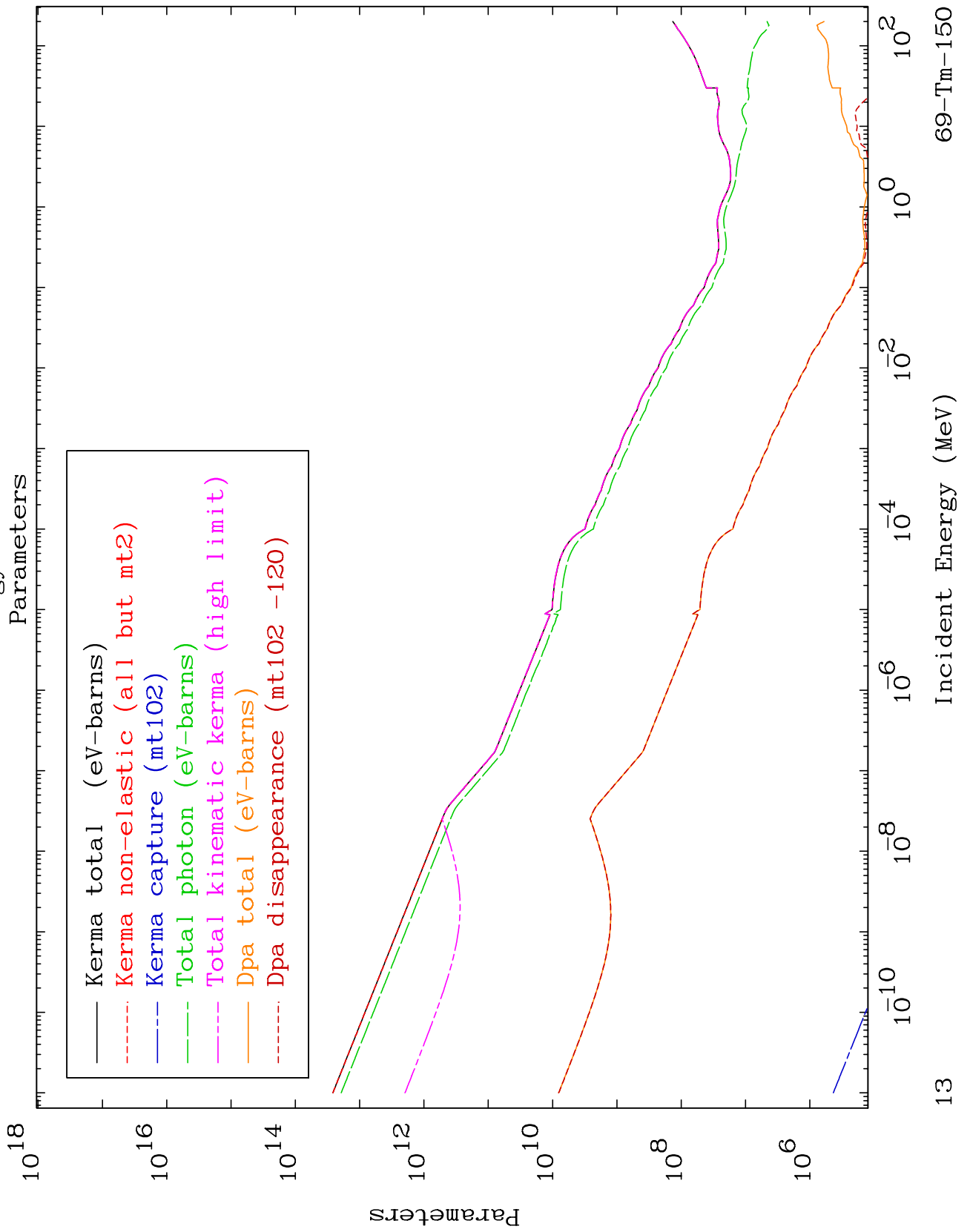


MAT 6868

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-150

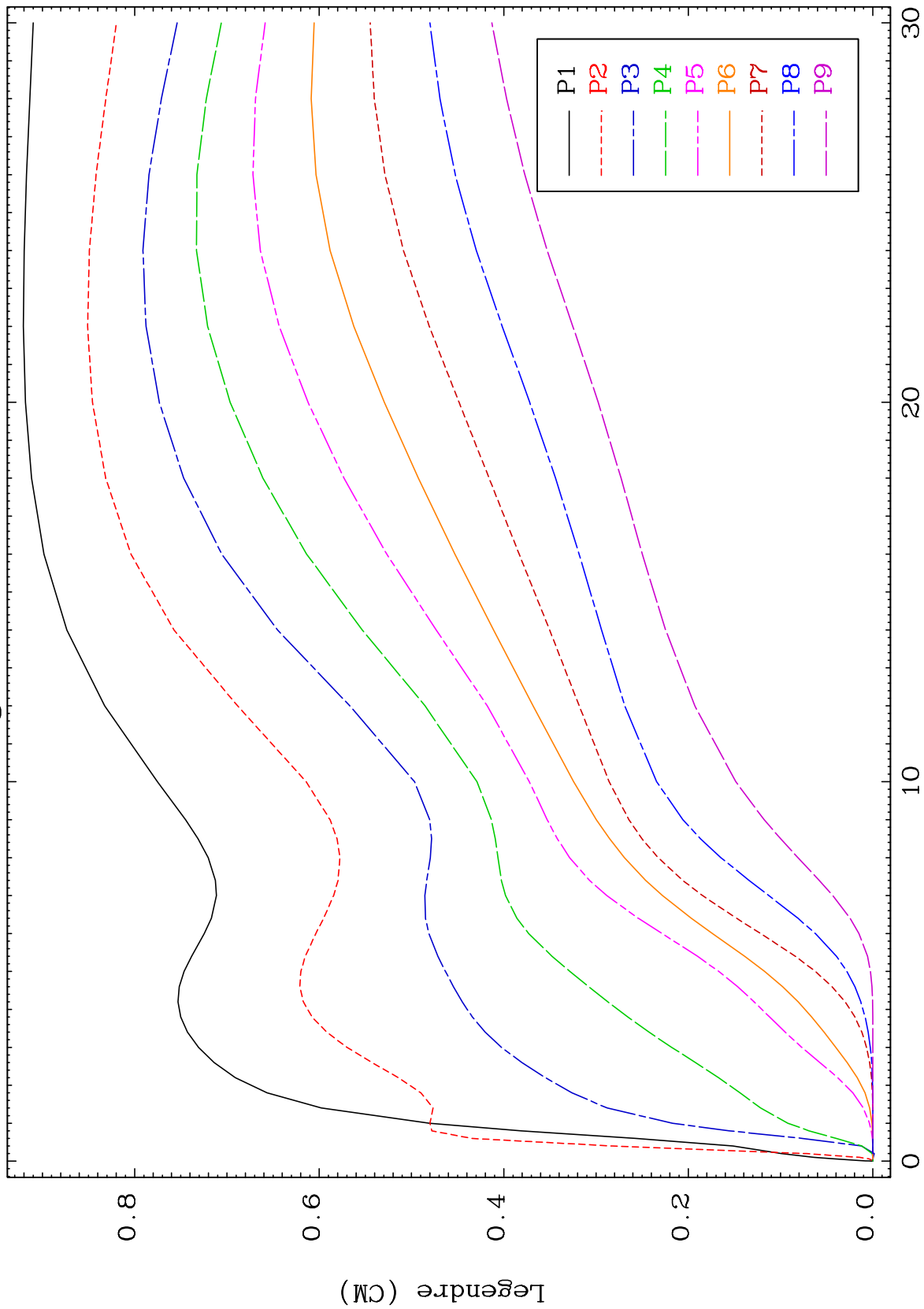




MAT 6868

Elastic Legendre Coefficients

69-Tm-150



14

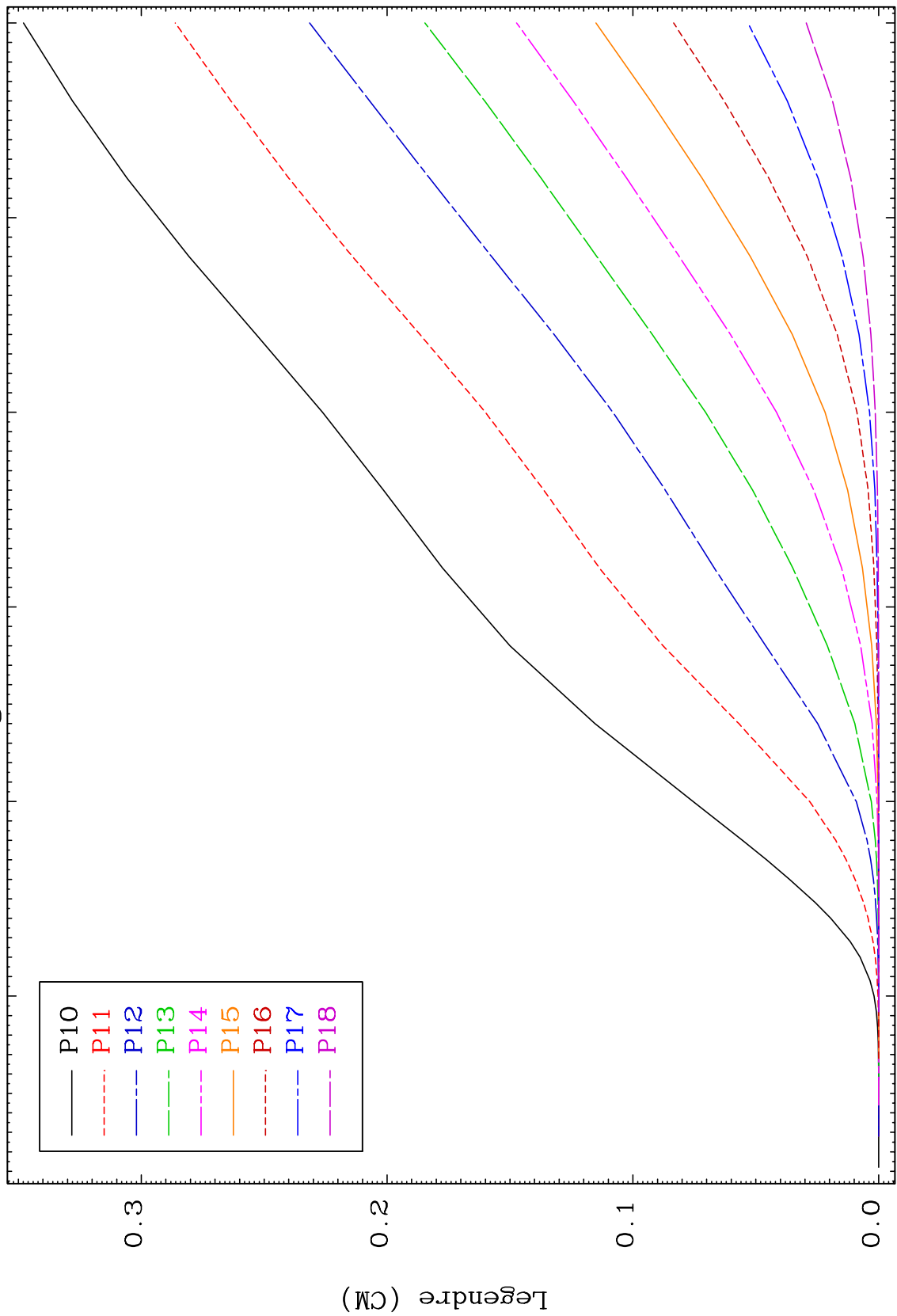
Incident Energy (MeV)

69-Tm-150

MAT 6868

Elastic Legendre Coefficients

69-Tm-150

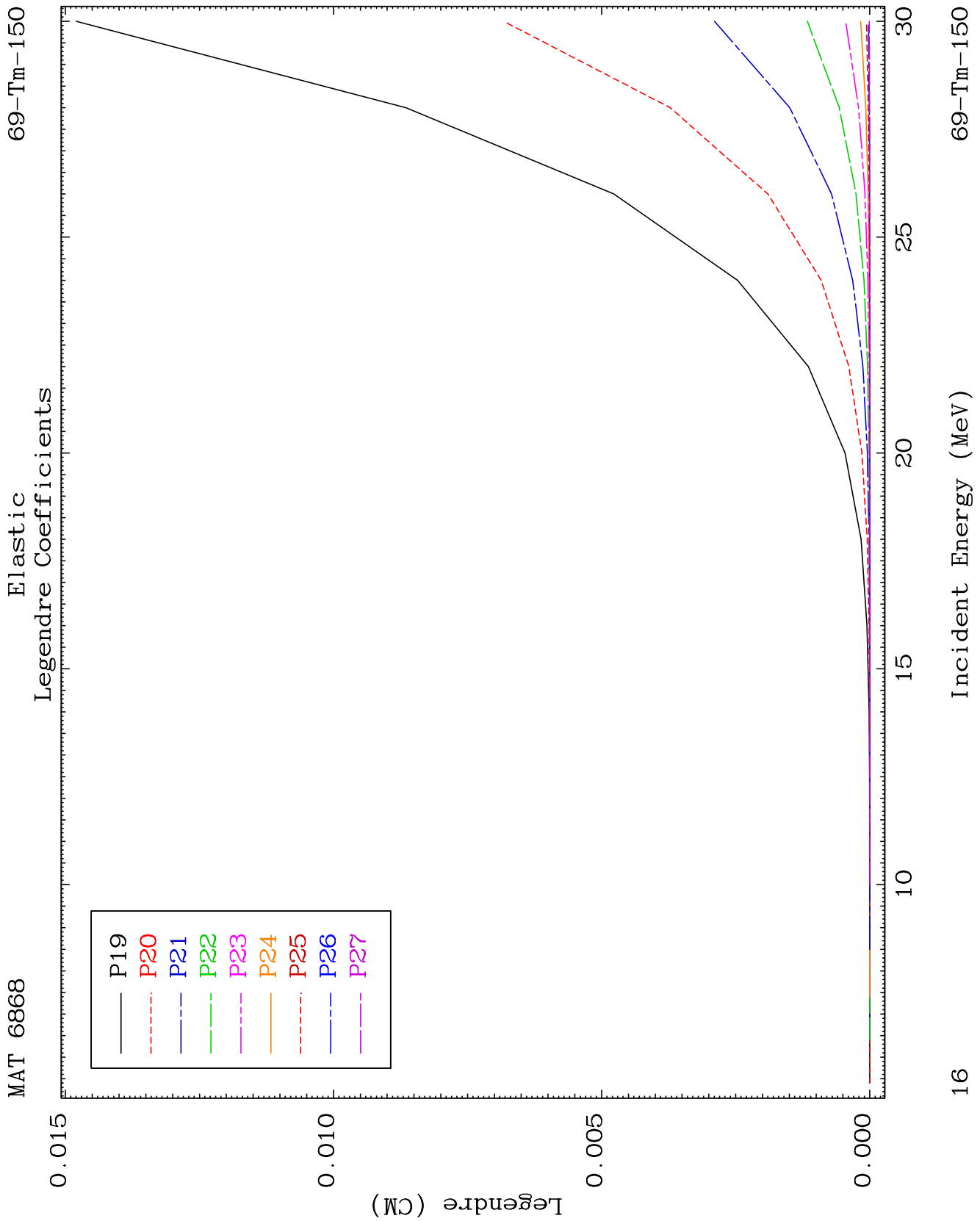


15

Incident Energy (MeV)

69-Tm-150

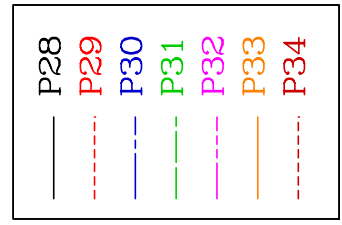




MAT 6868

Elastic Legendre Coefficients

69-Tm-150



$\times 10^{-6}$   
2.0  
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

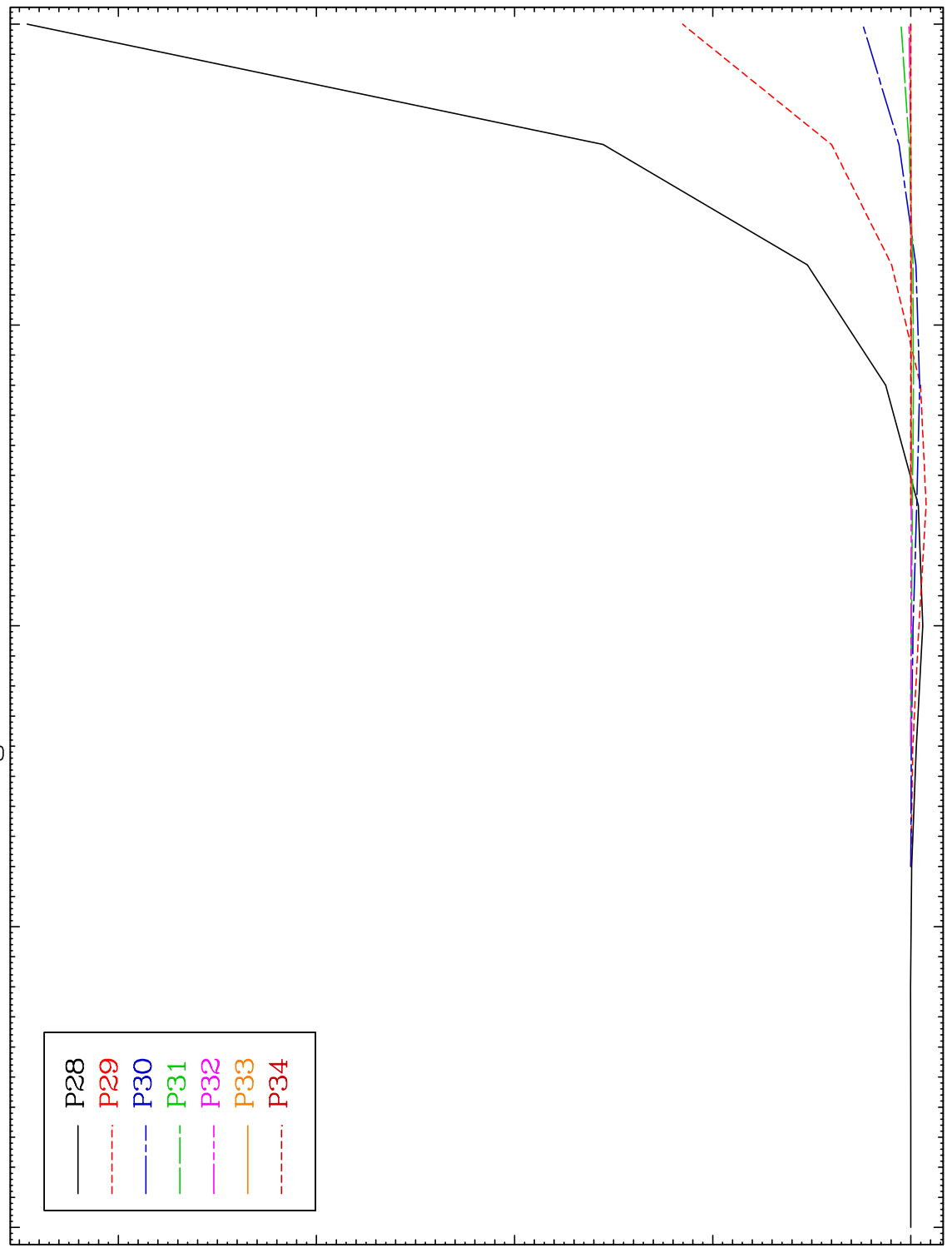
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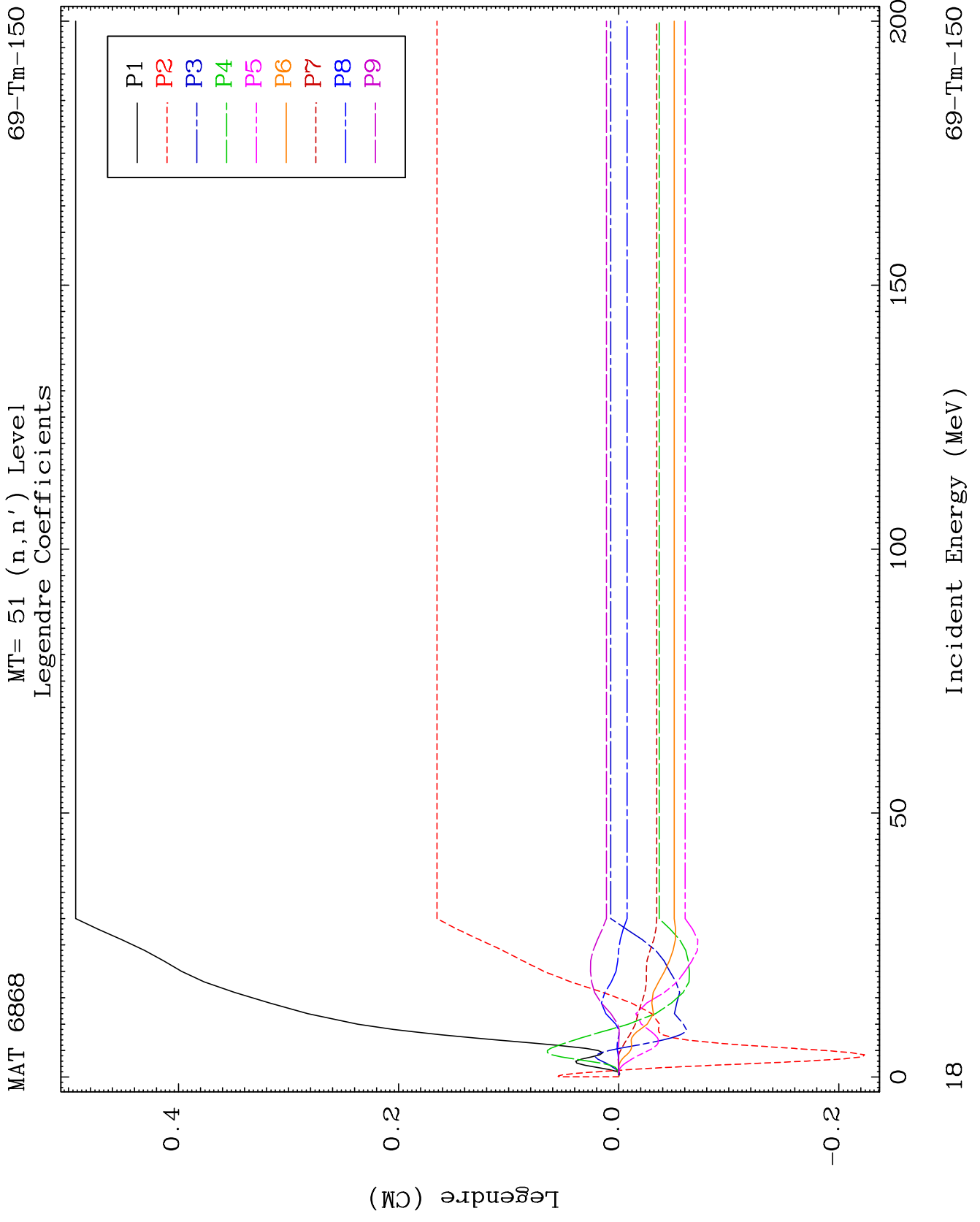
30

17

Incident Energy (MeV)

69-Tm-150



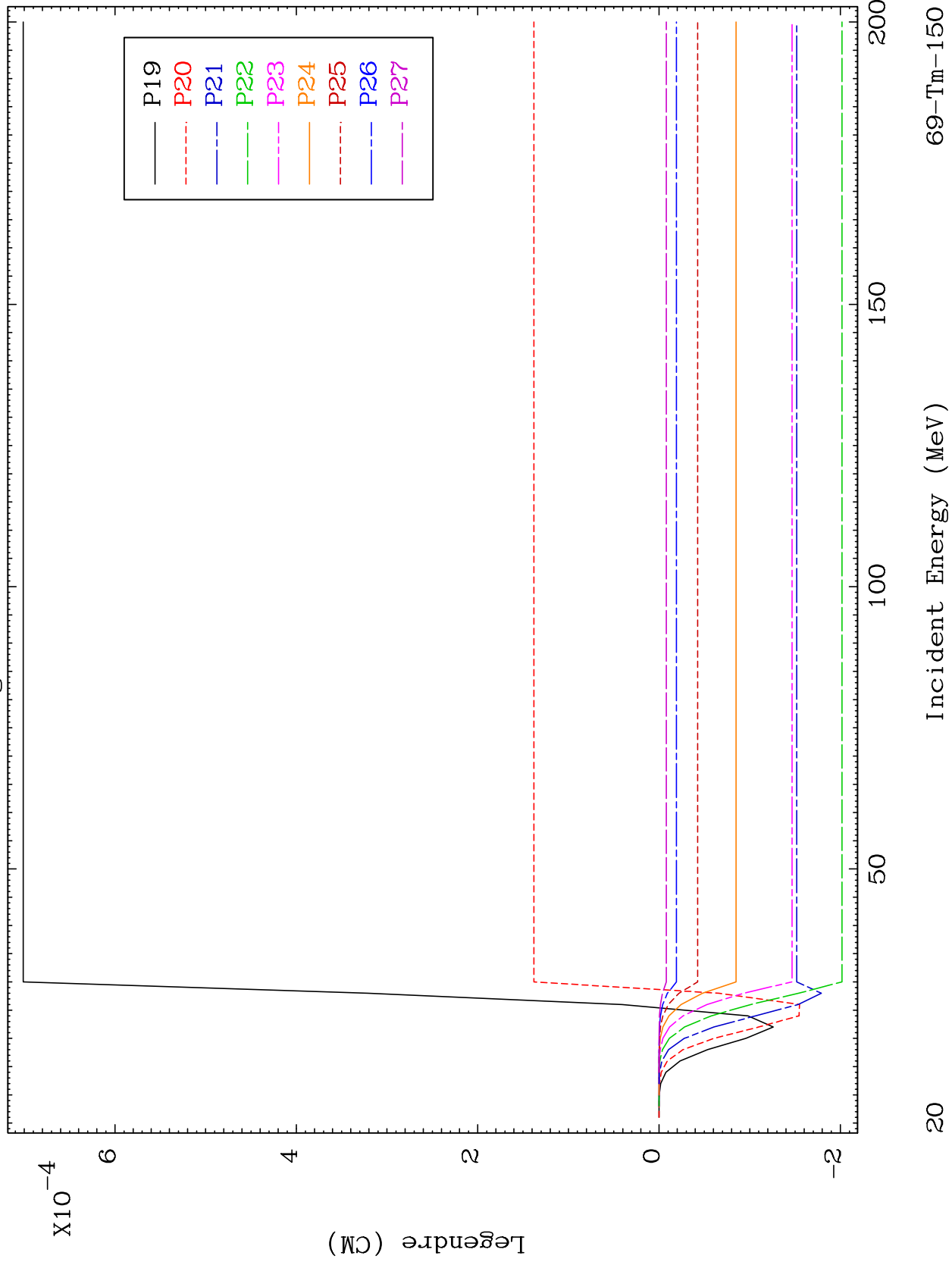


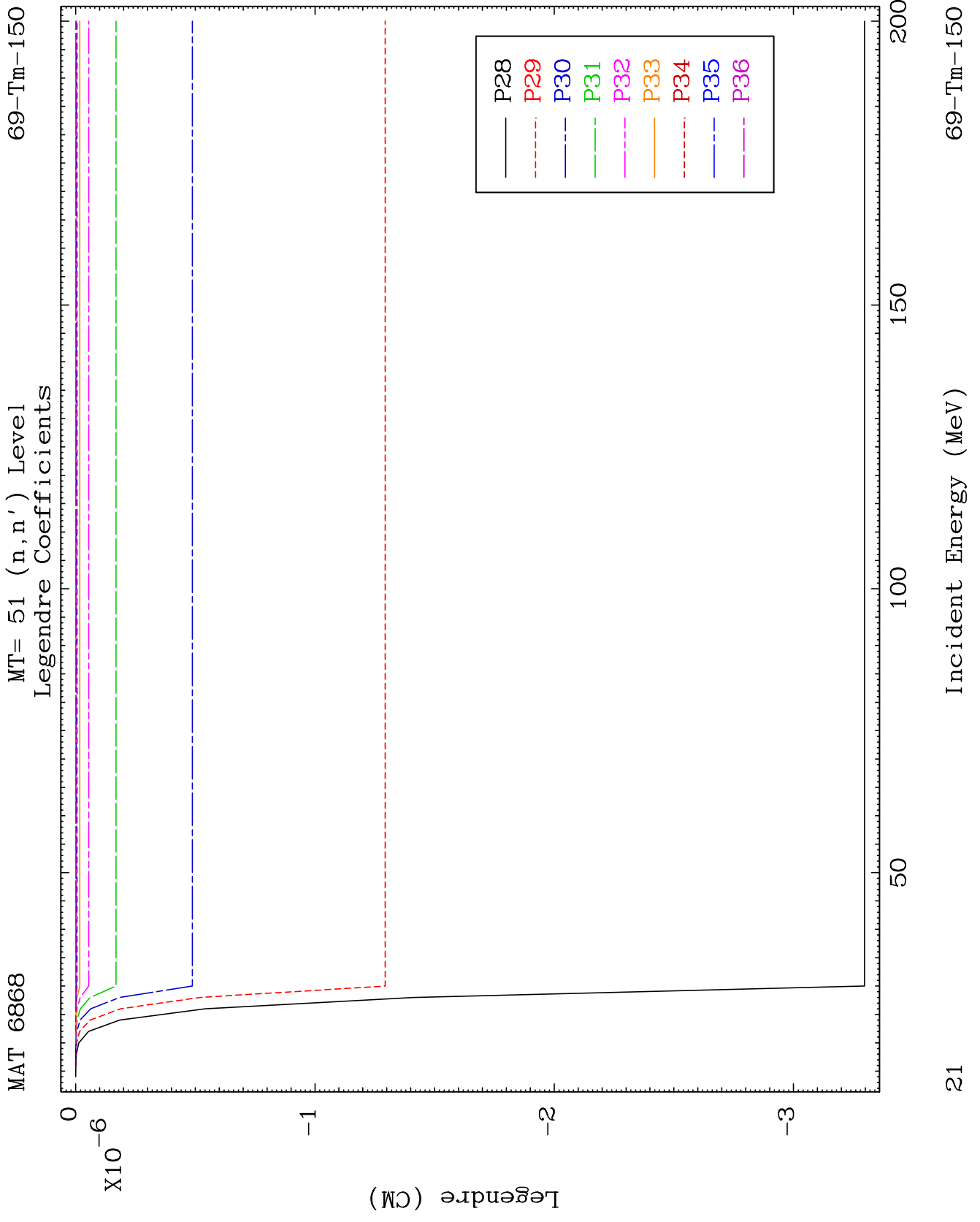


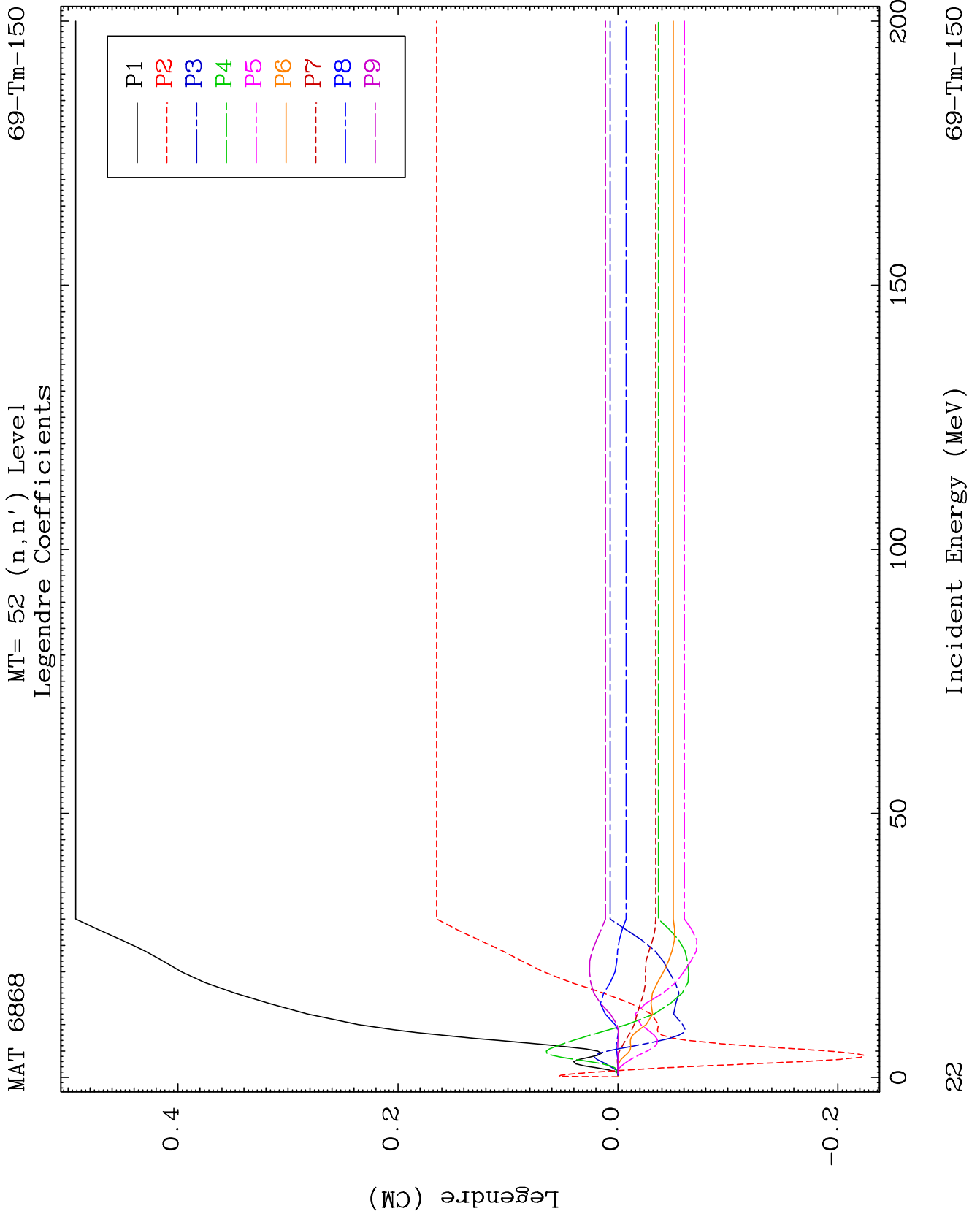
MAT 6868

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

69-Tm-150







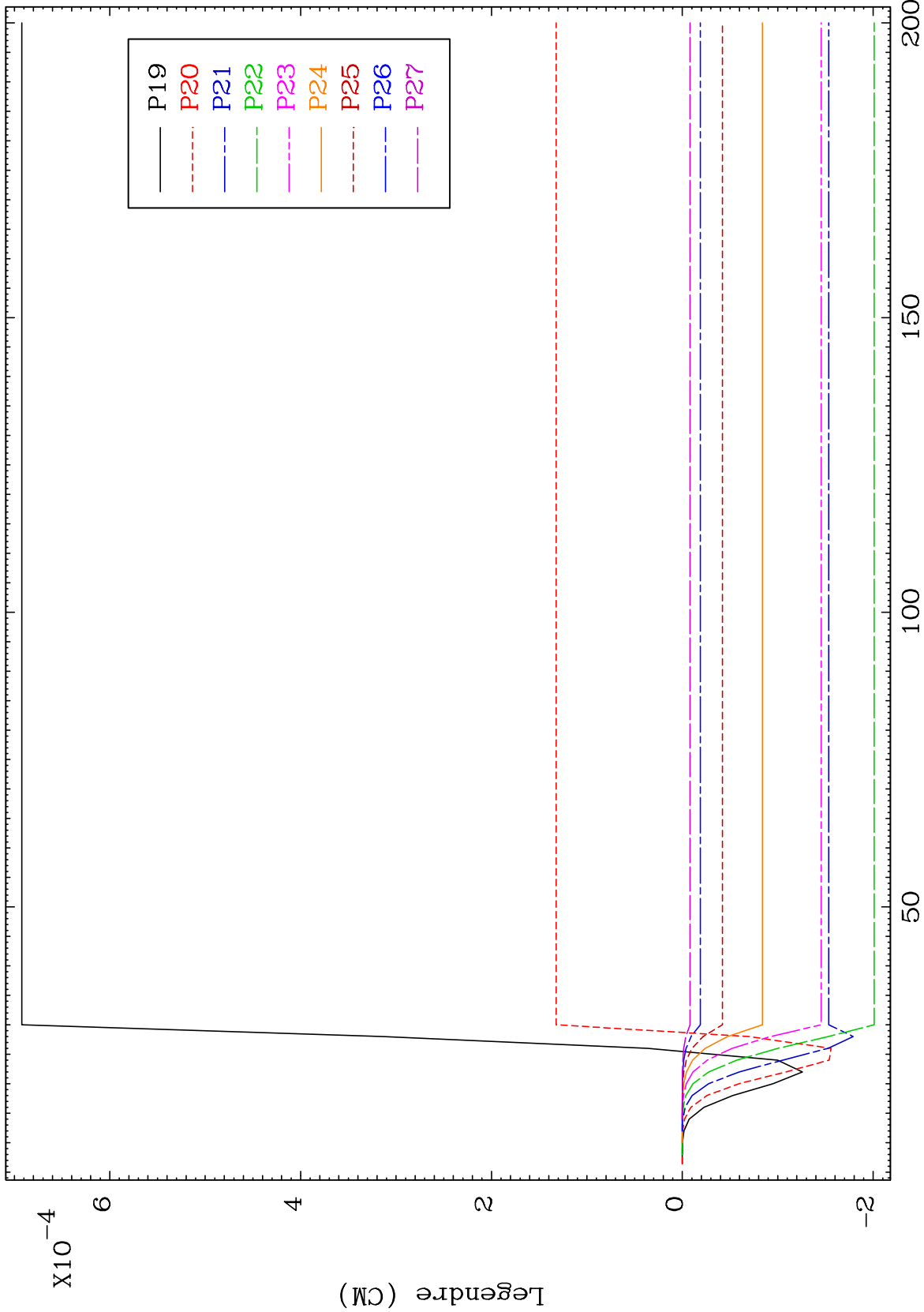




MAT 6868

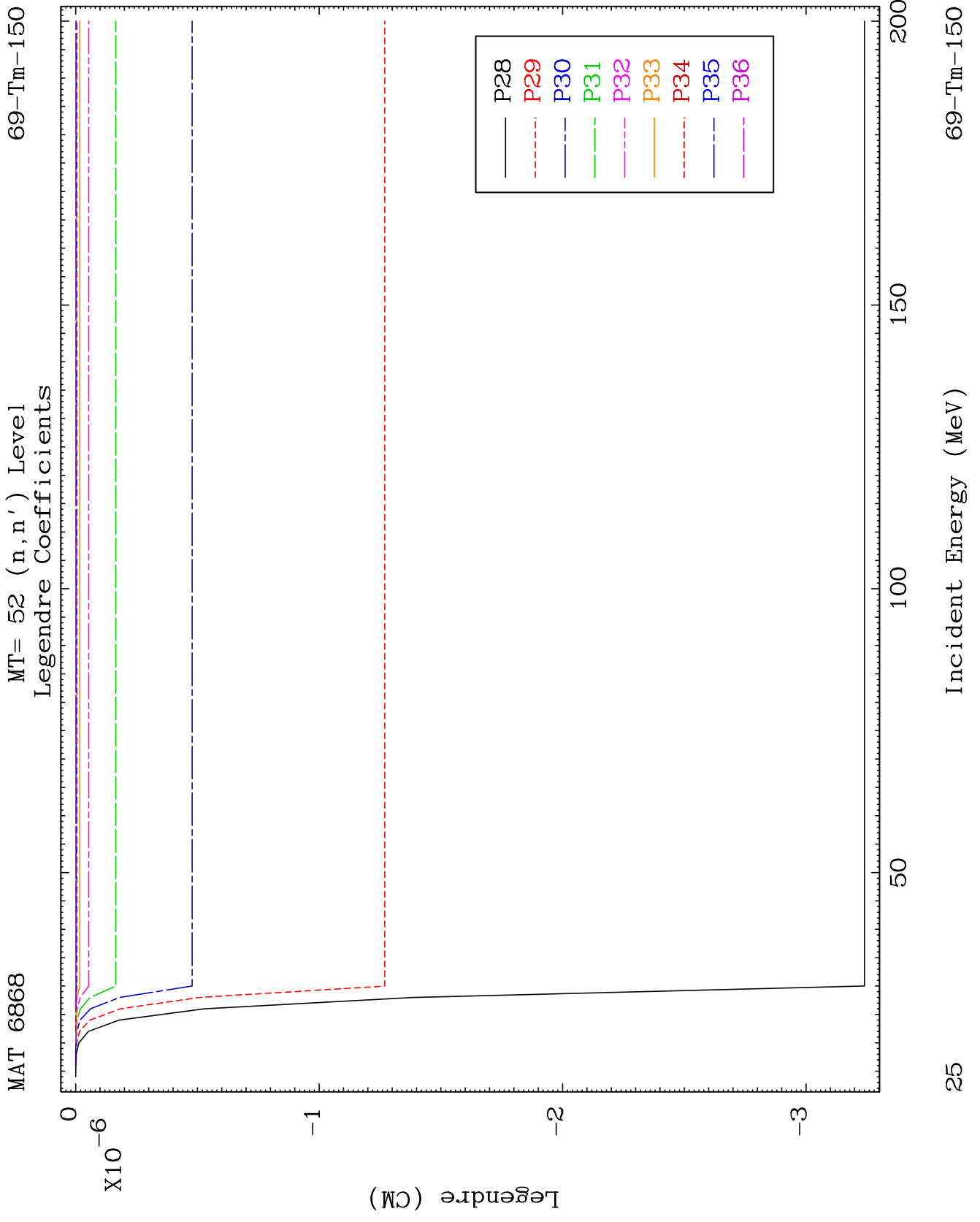
MT= 52 (n,n') Level  
Legendre Coefficients

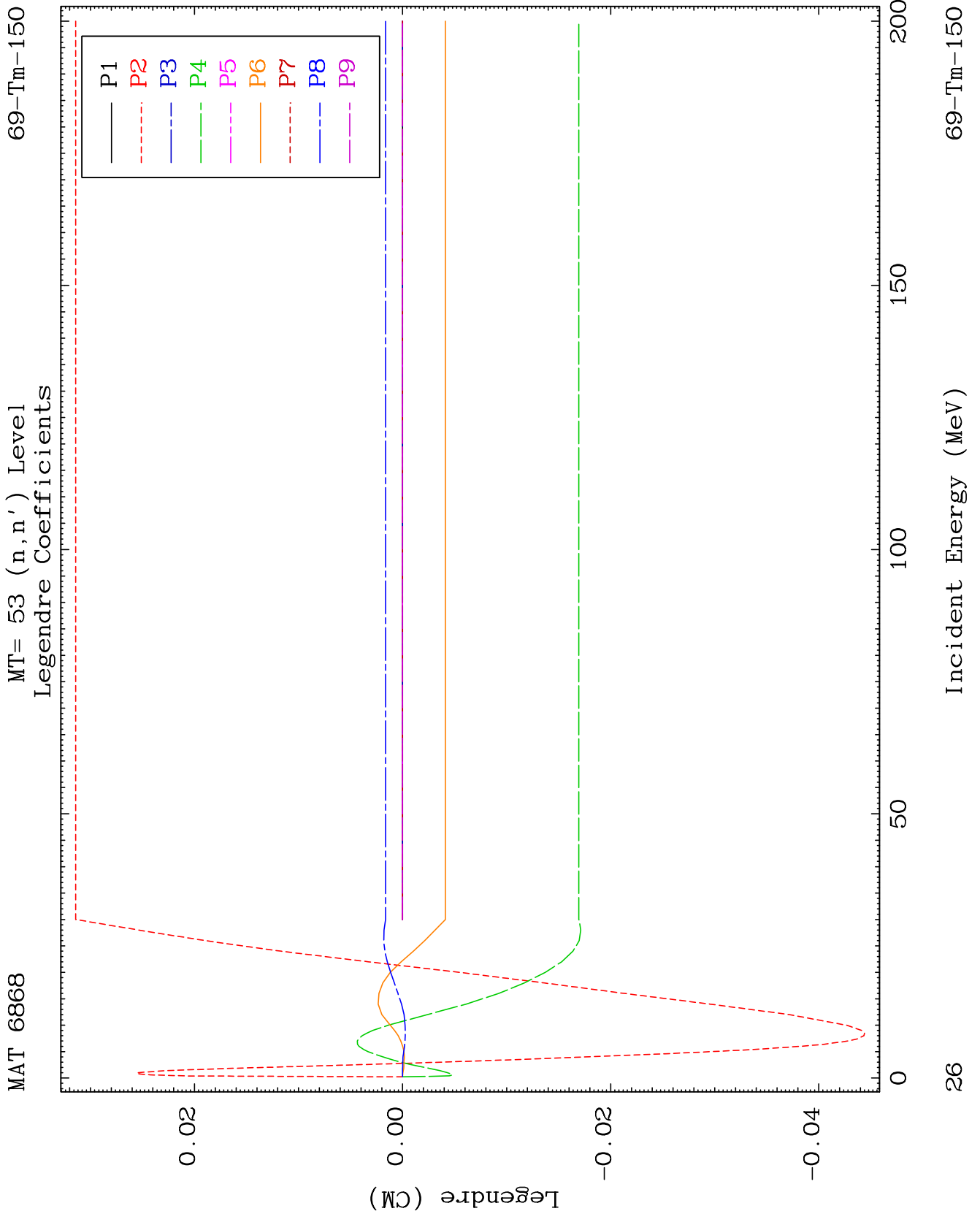
69-Tm-150



24

69-Tm-150

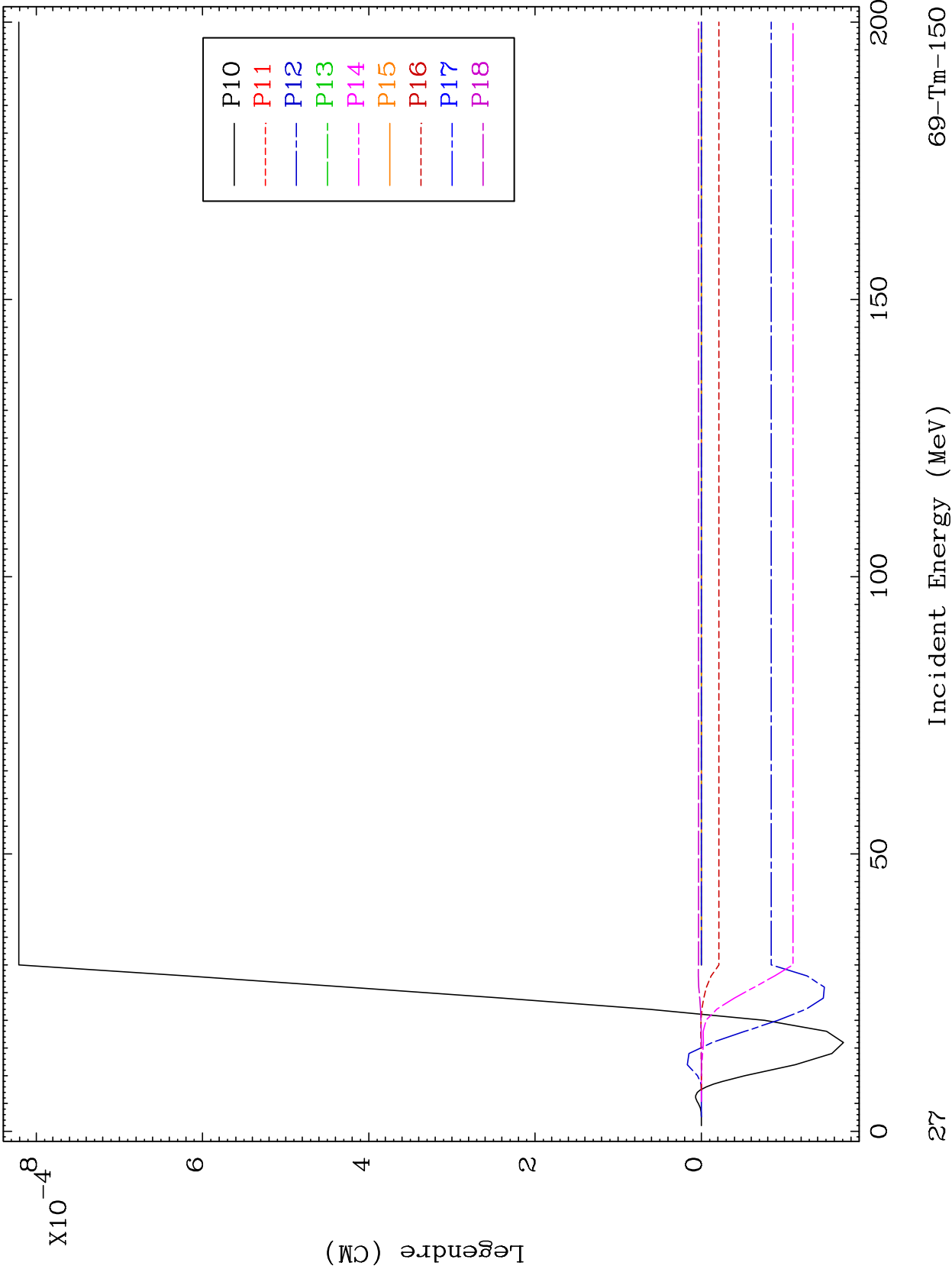




MAT 6868

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

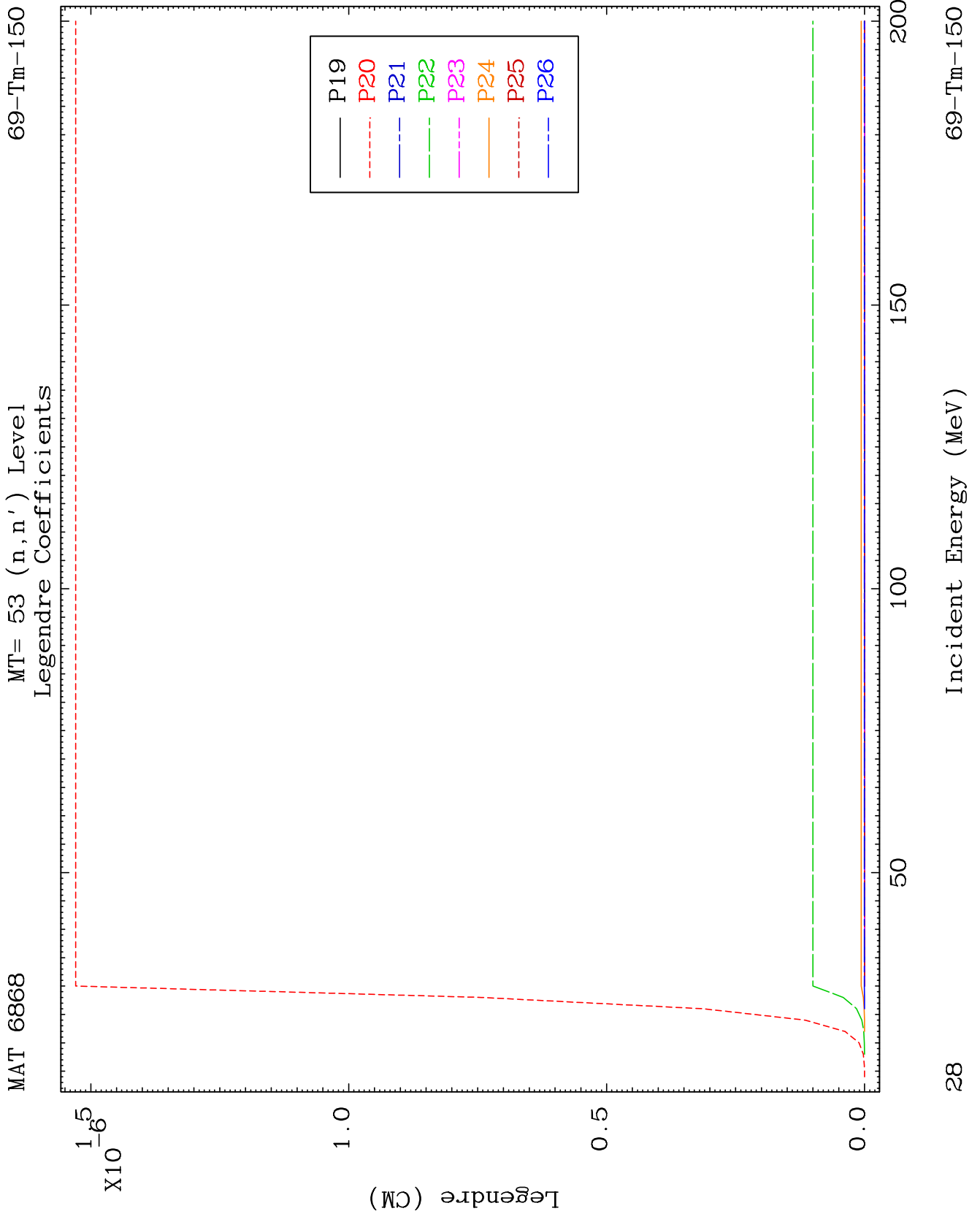
69-Tm-150



27

Incident Energy (MeV)

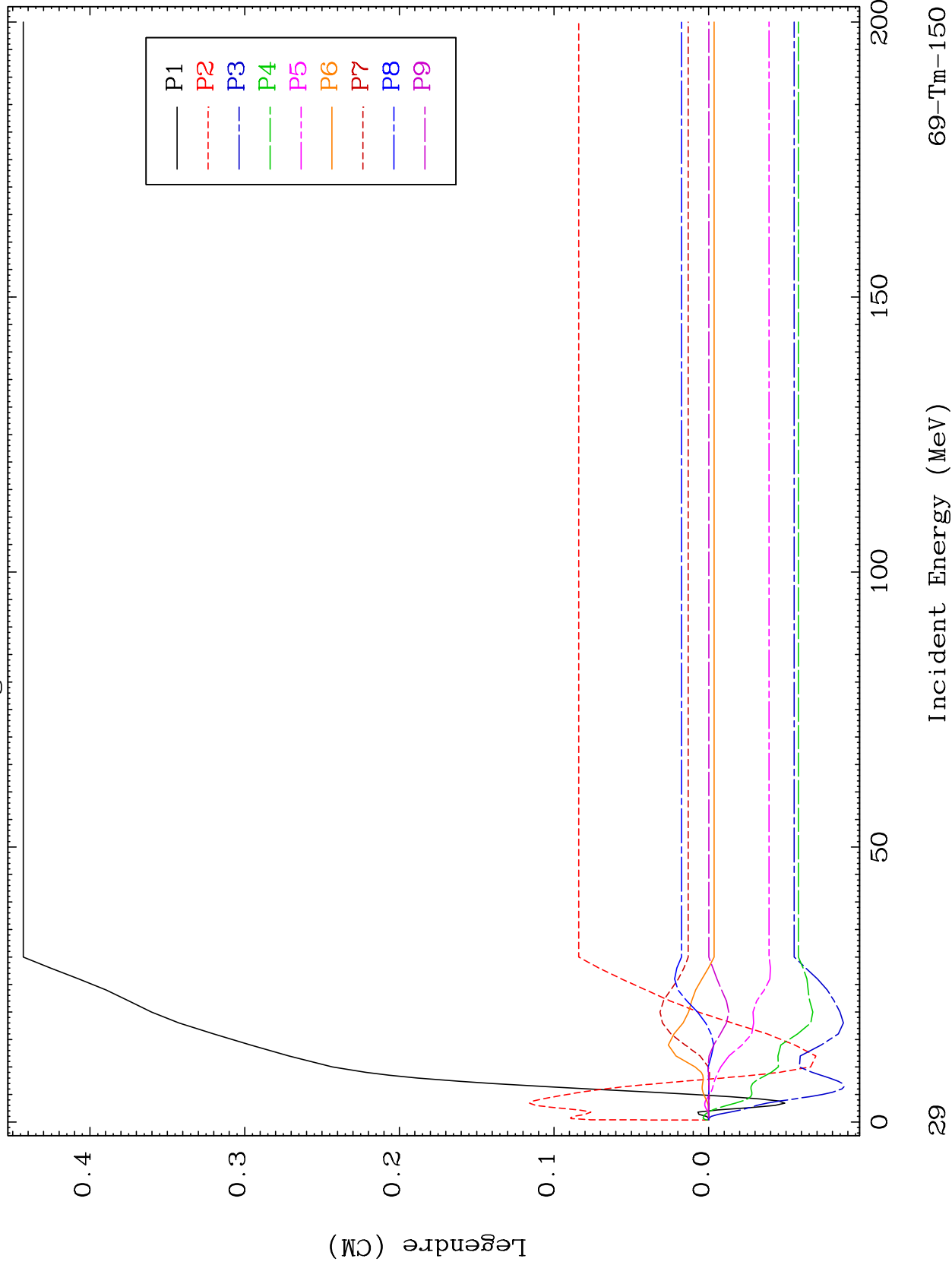
69-Tm-150



MAT 6868

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

69-Tm-150



69-Tm-150

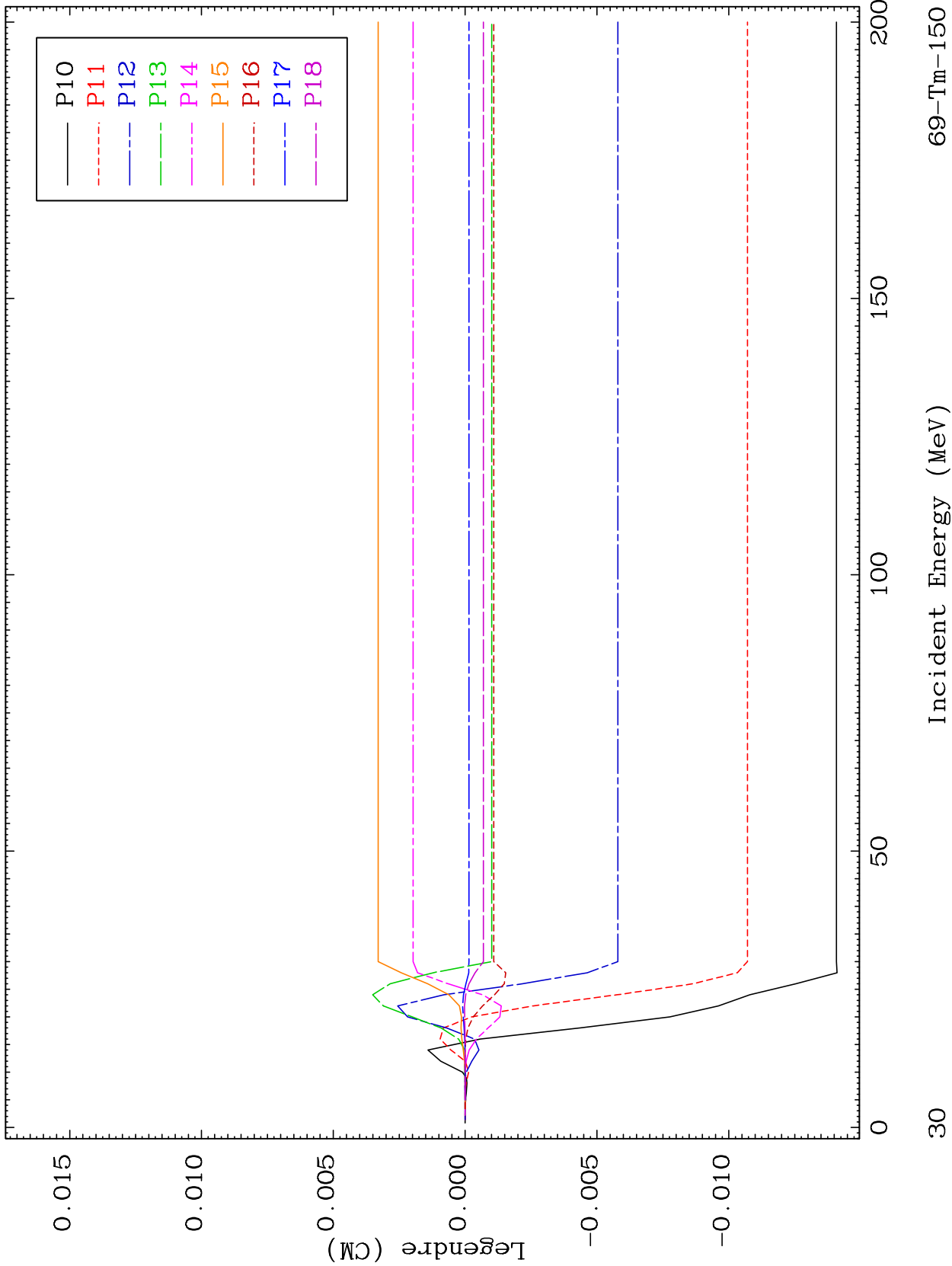
Incident Energy (MeV)

29

MAT 6868

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

69-Tm-150



69-Tm-150

Incident Energy (MeV)

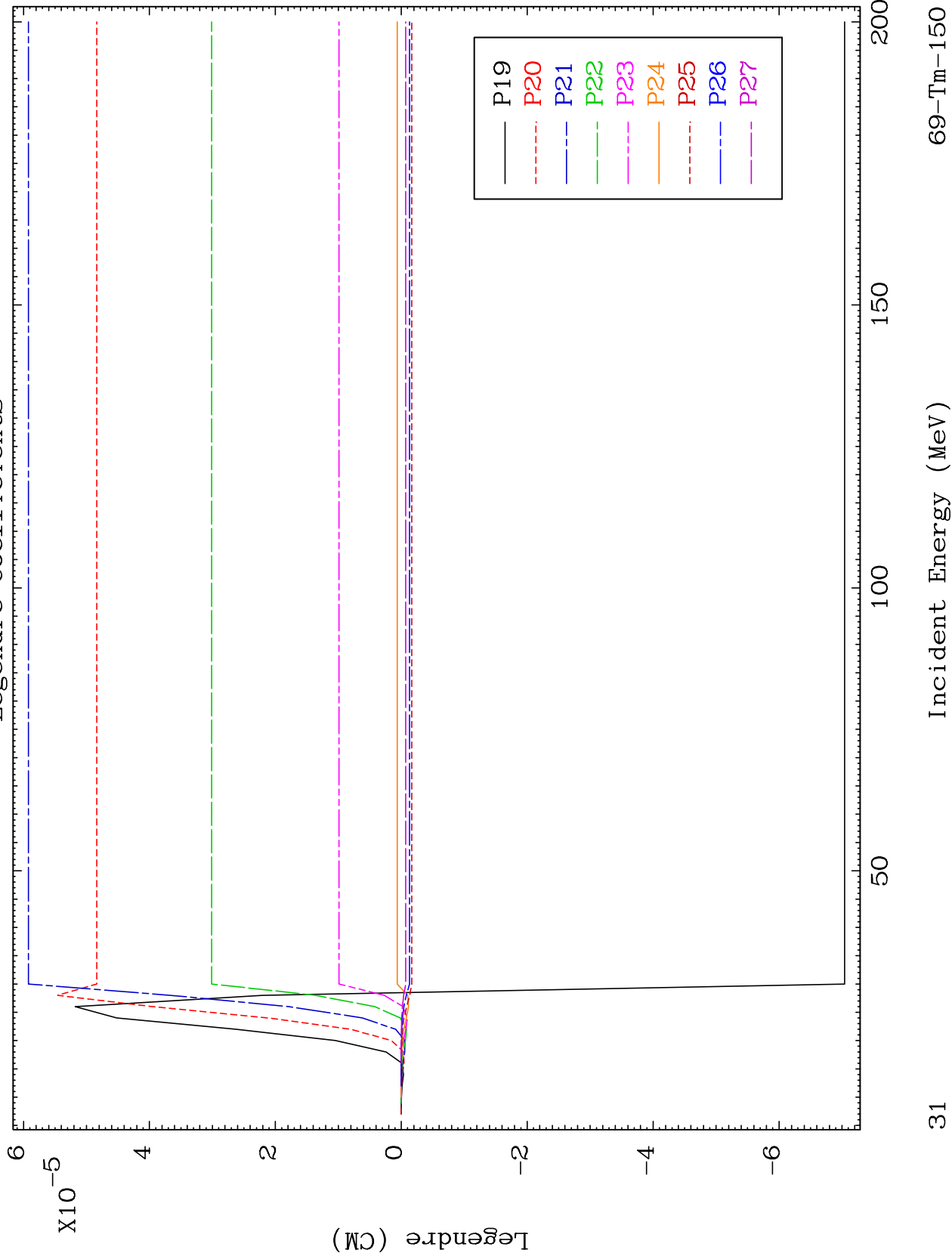
30

MAT 6868

MT= 54 (n,n') Level

69-Tm-150

Legendre Coefficients

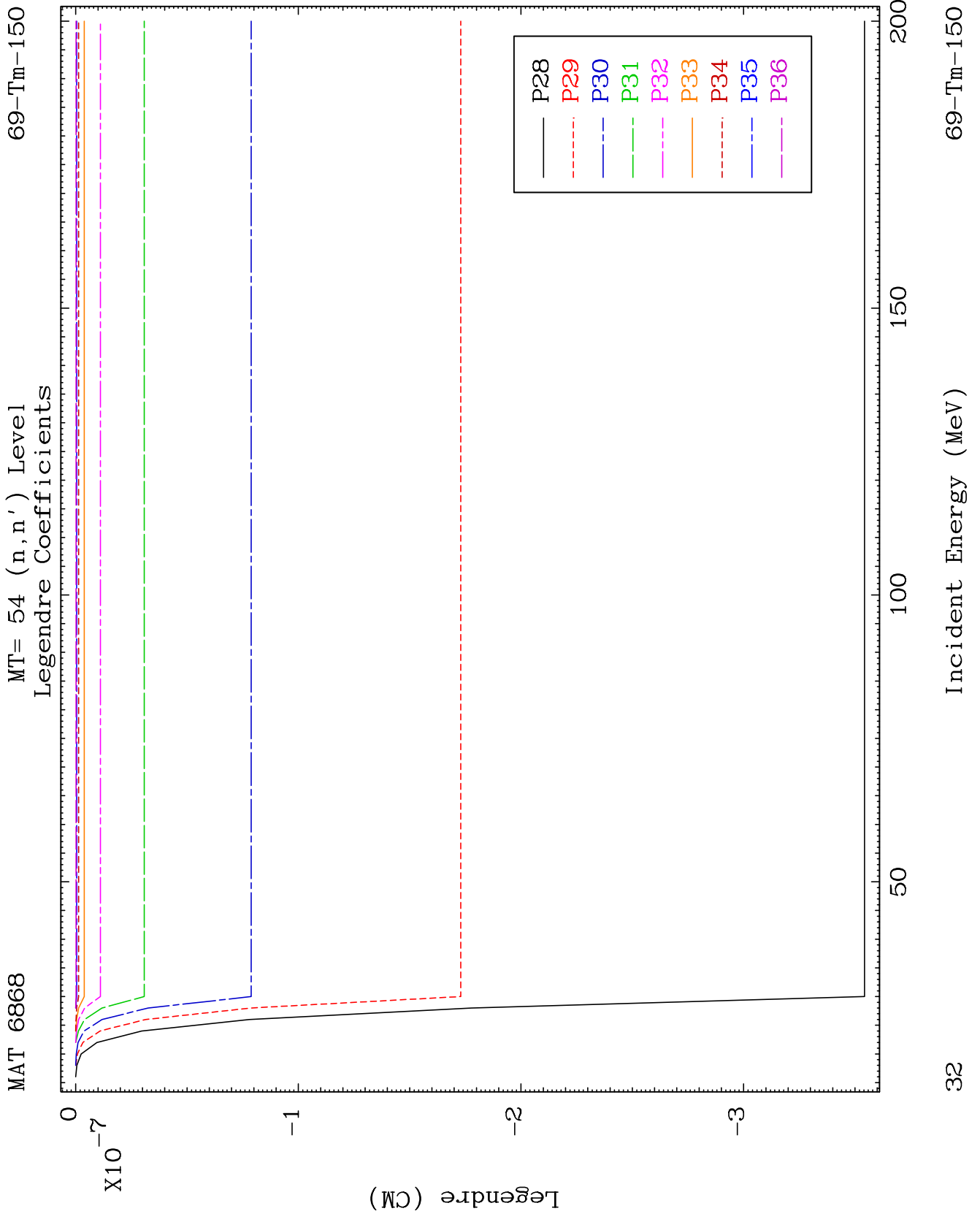


31

Incident Energy (MeV)

69-Tm-150

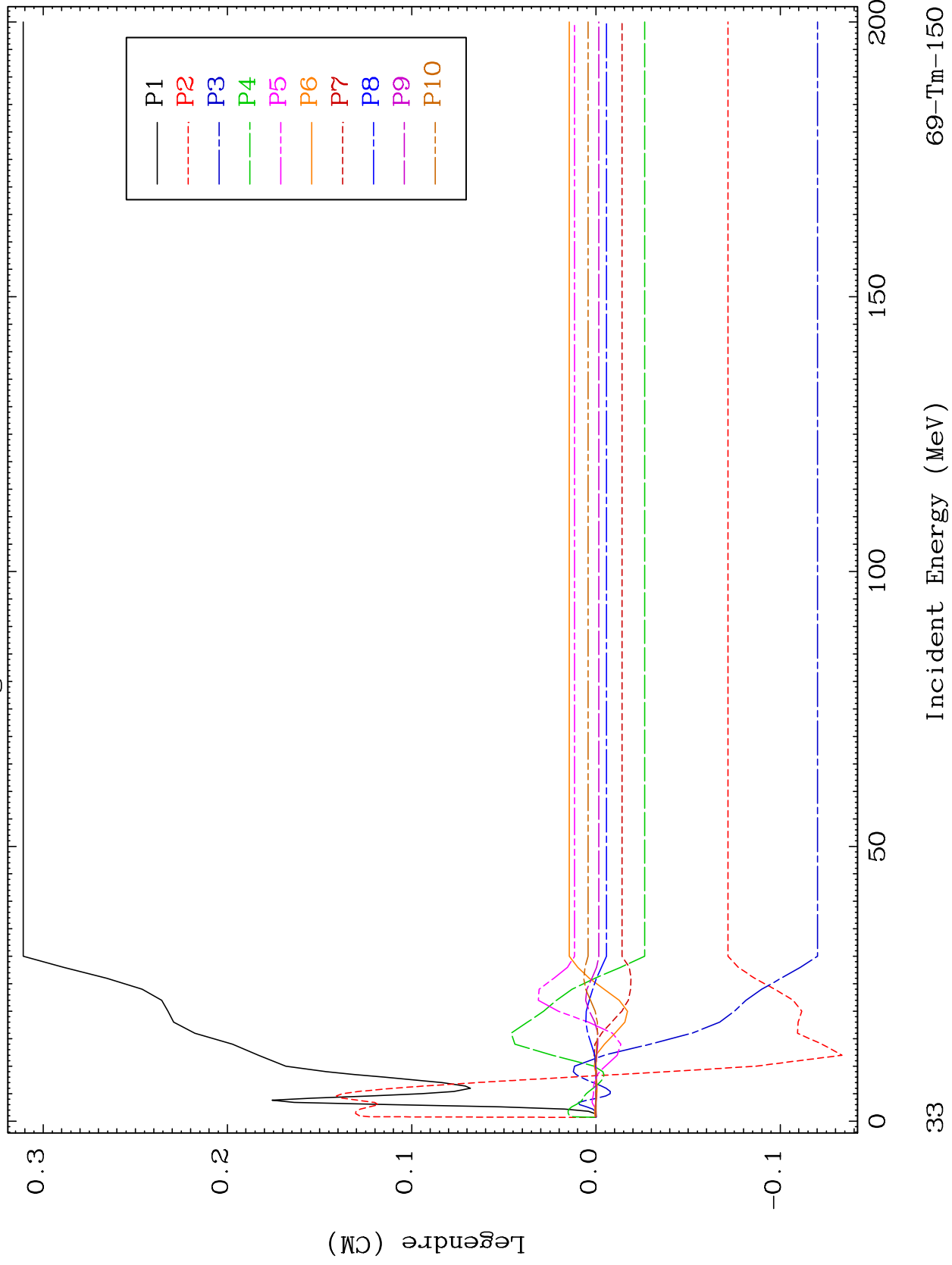




MAT 6868

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

69-Tm-150



33

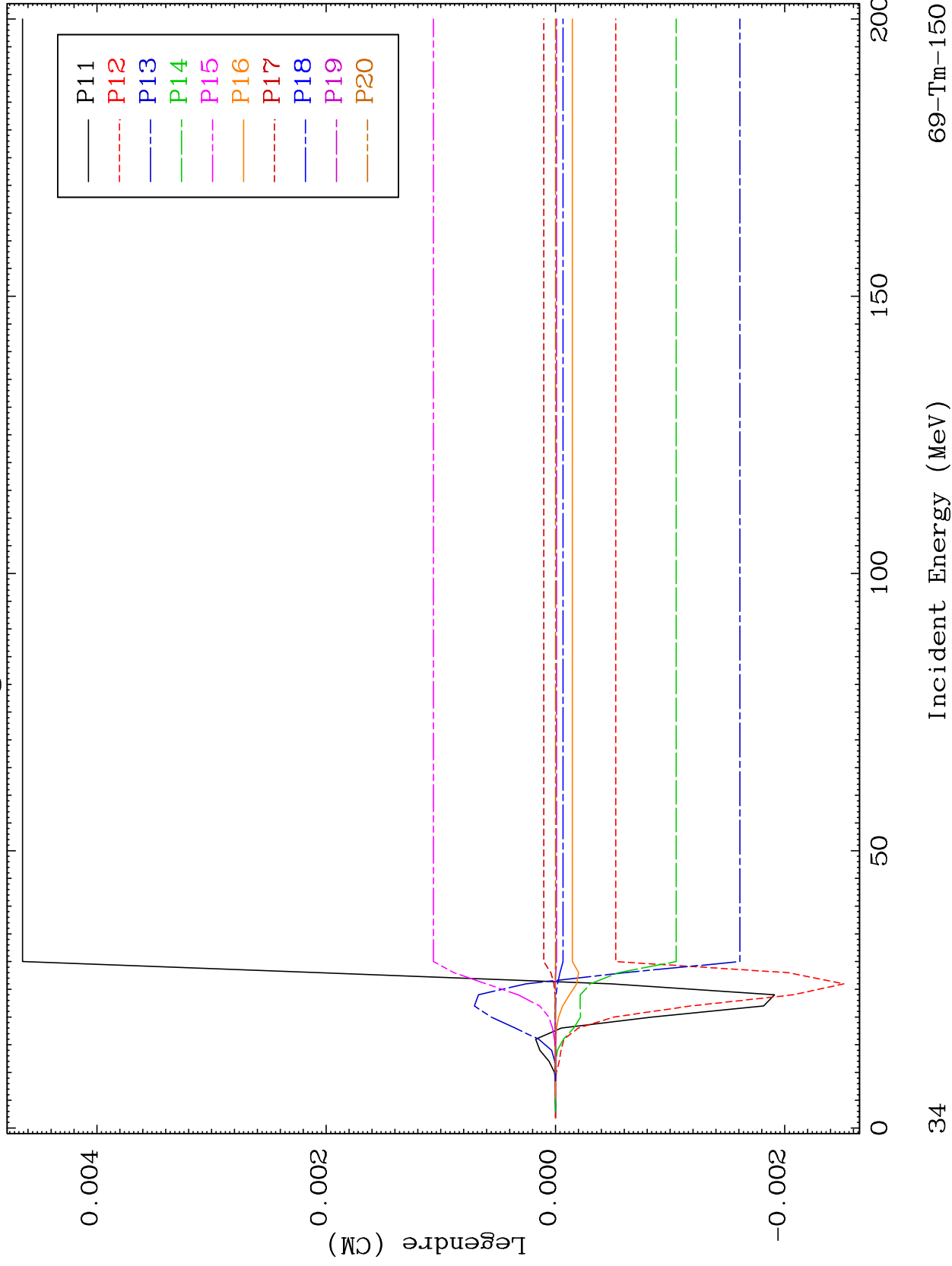
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



69-Tm-150

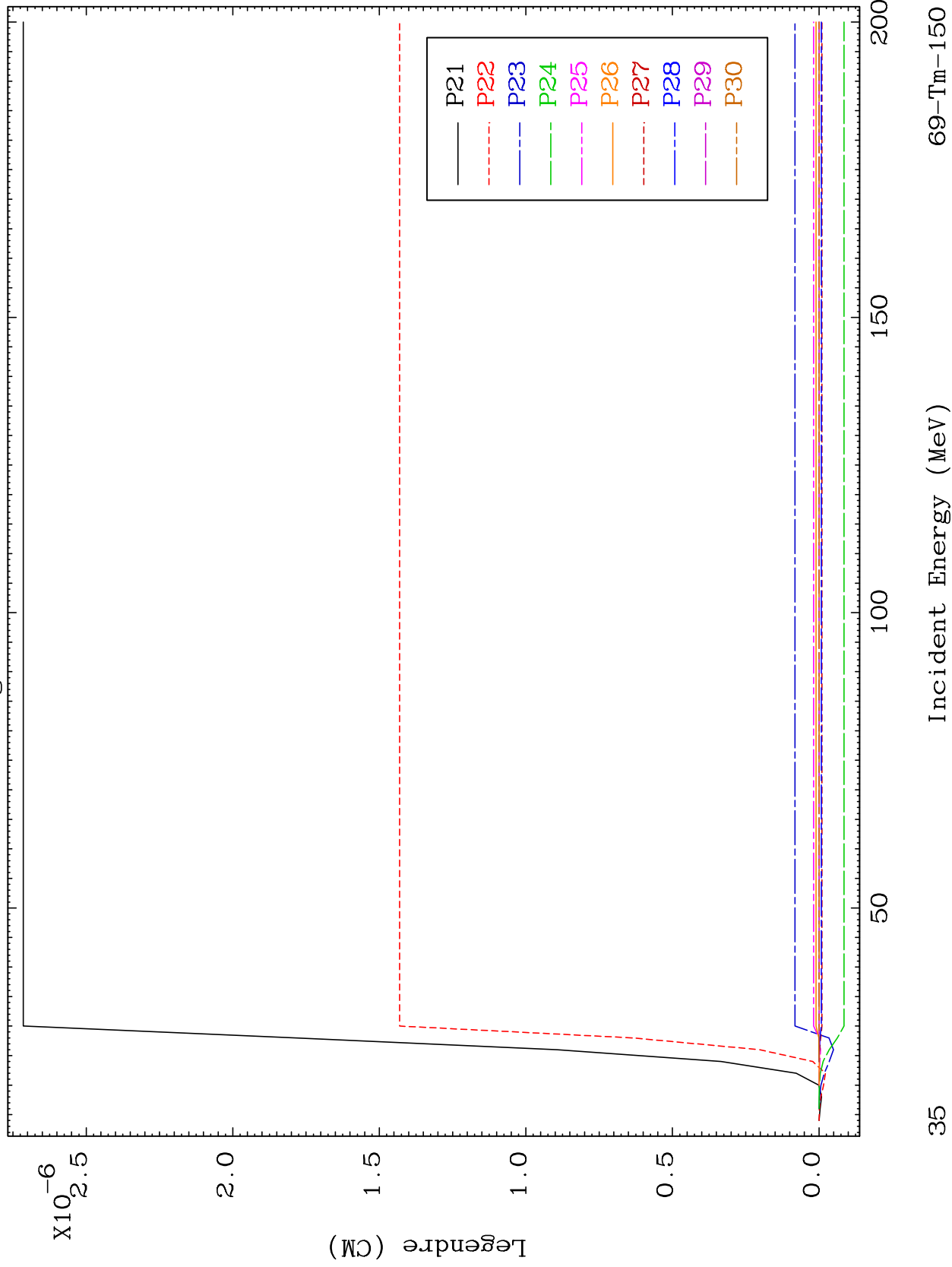
Incident Energy (MeV)

34

MAT 6868

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

69-Tm-150



35

Incident Energy (MeV)

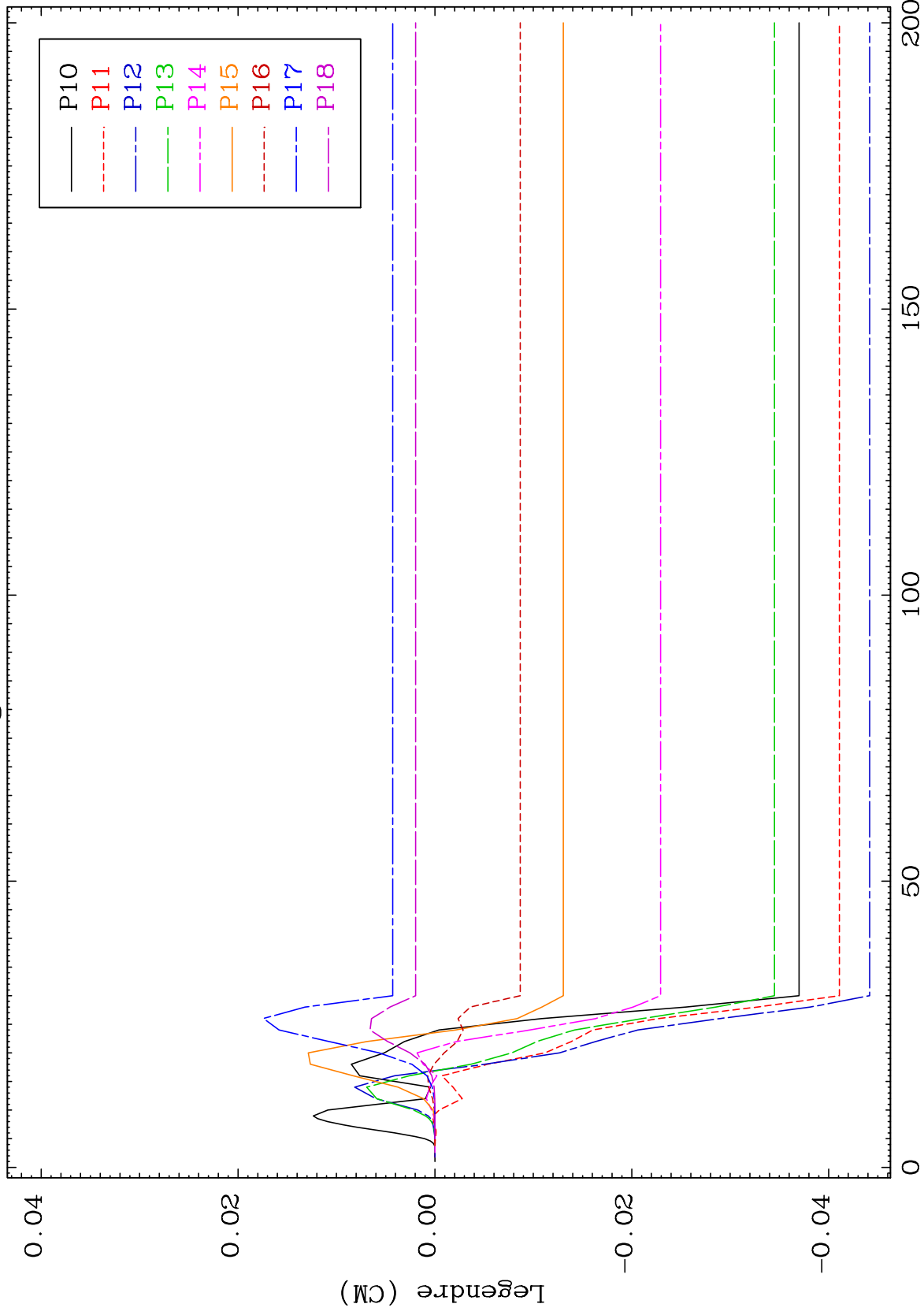
69-Tm-150



MAT 6868

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

69-Tm-150



37

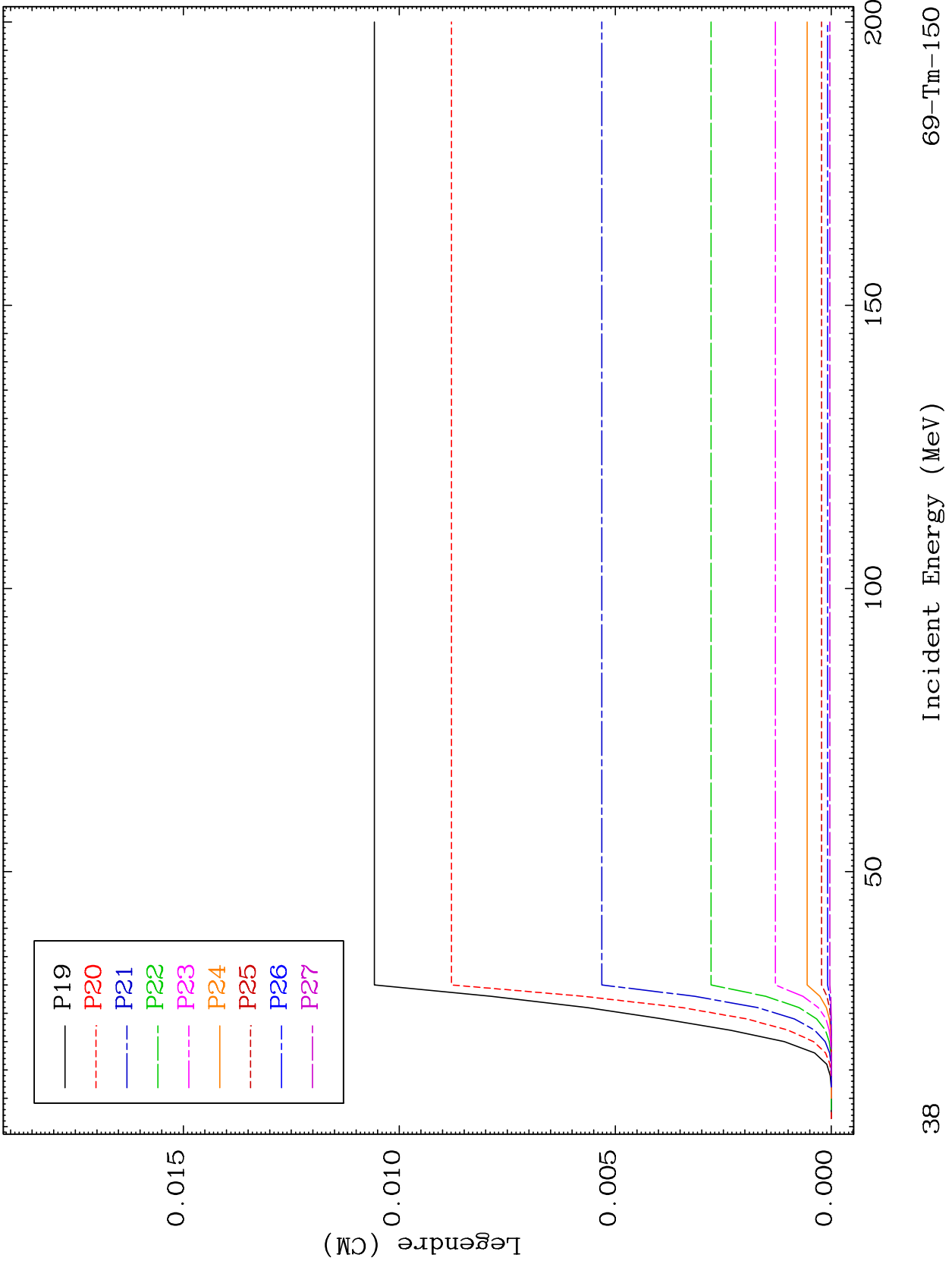
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



38

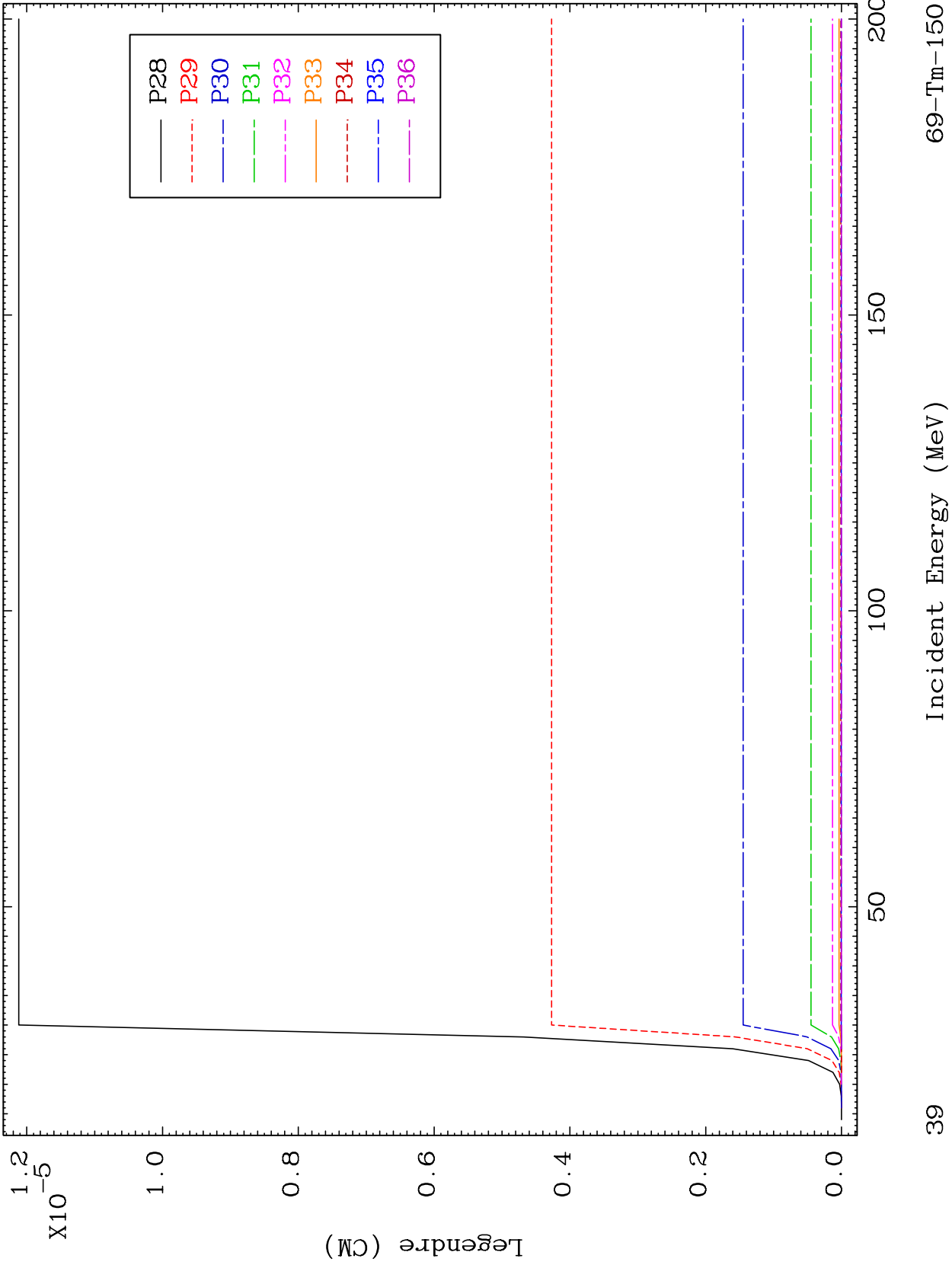
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

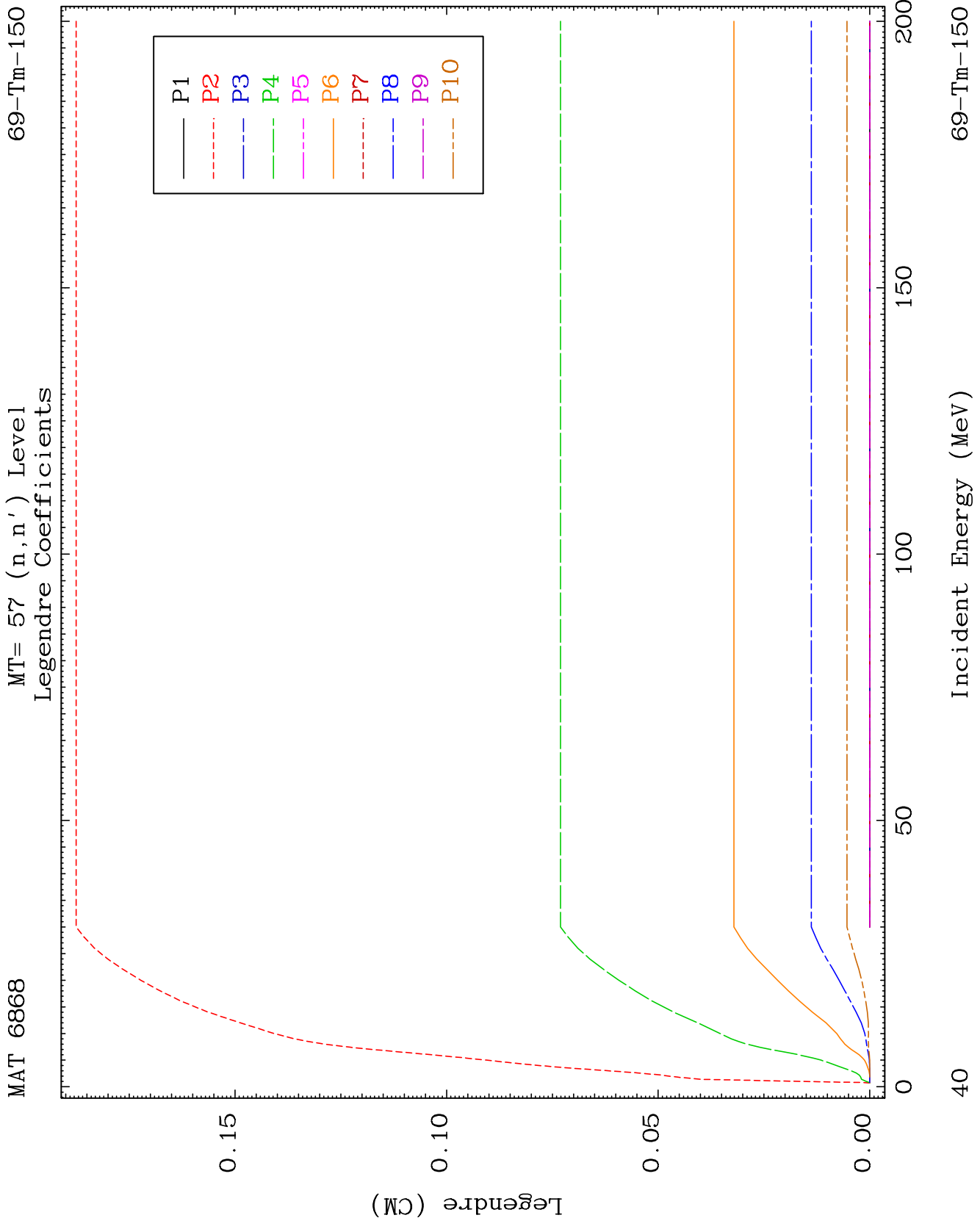


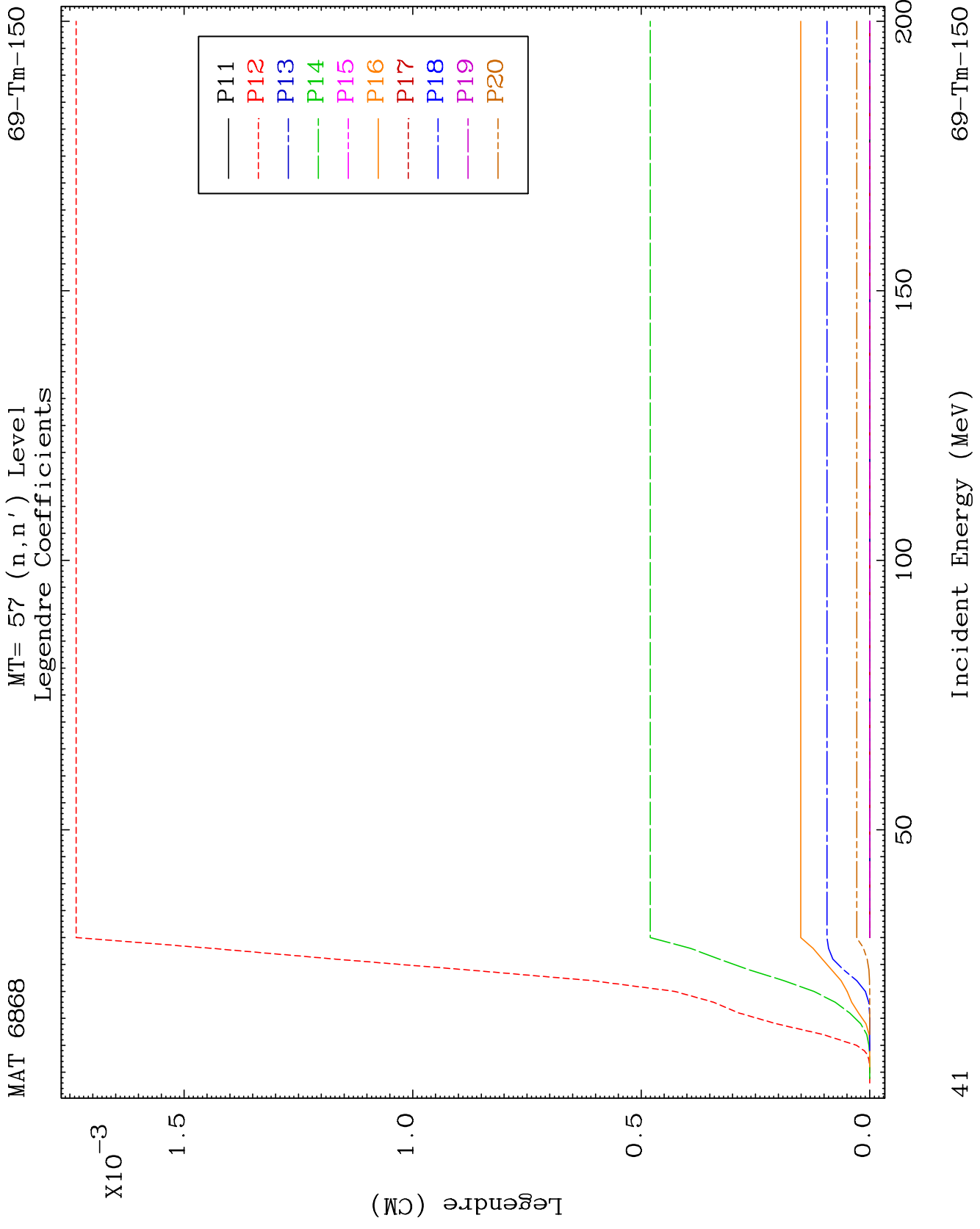
39

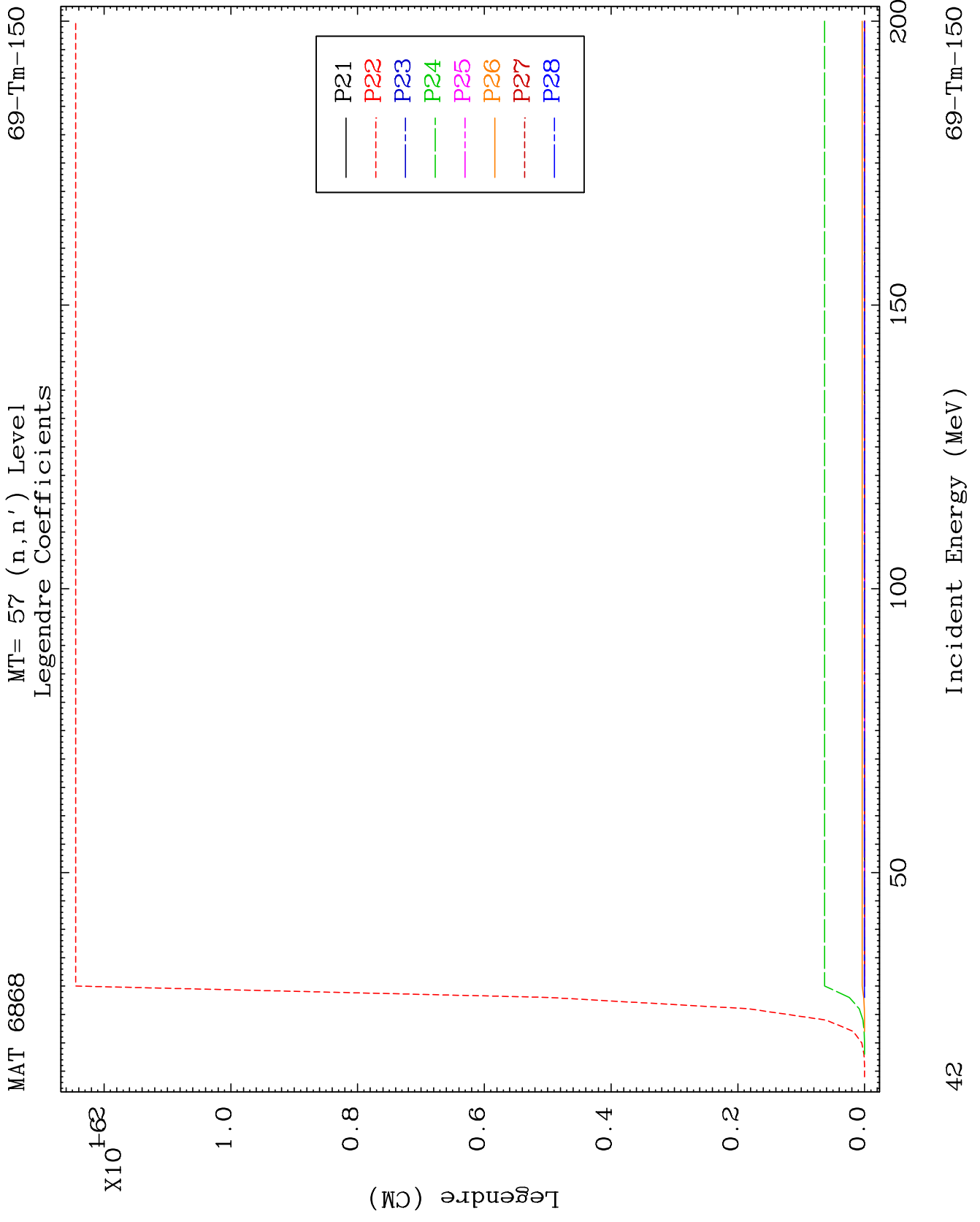
Incident Energy (MeV)

69-Tm-150





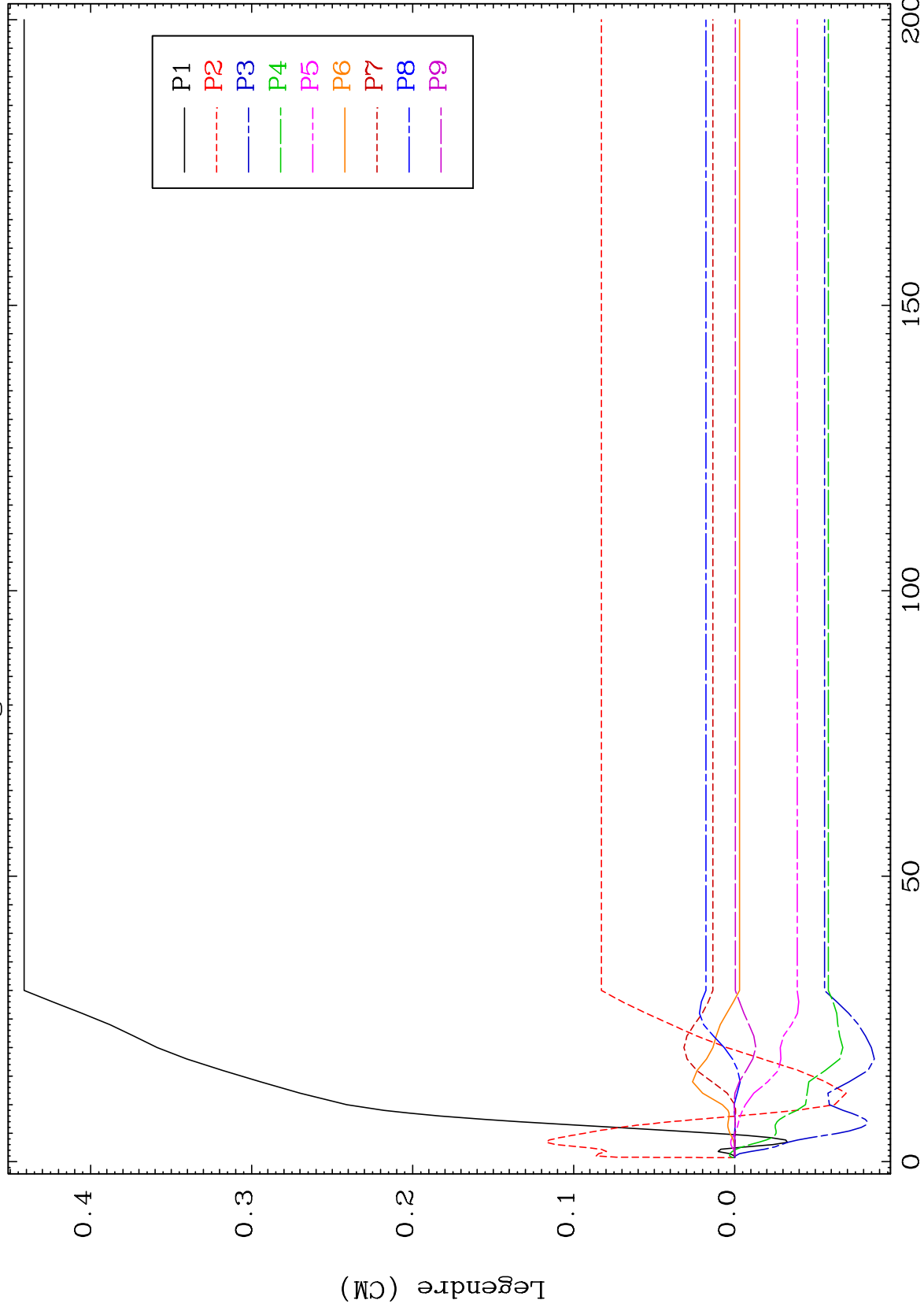




MAT 6868

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

69-Tm-150



43

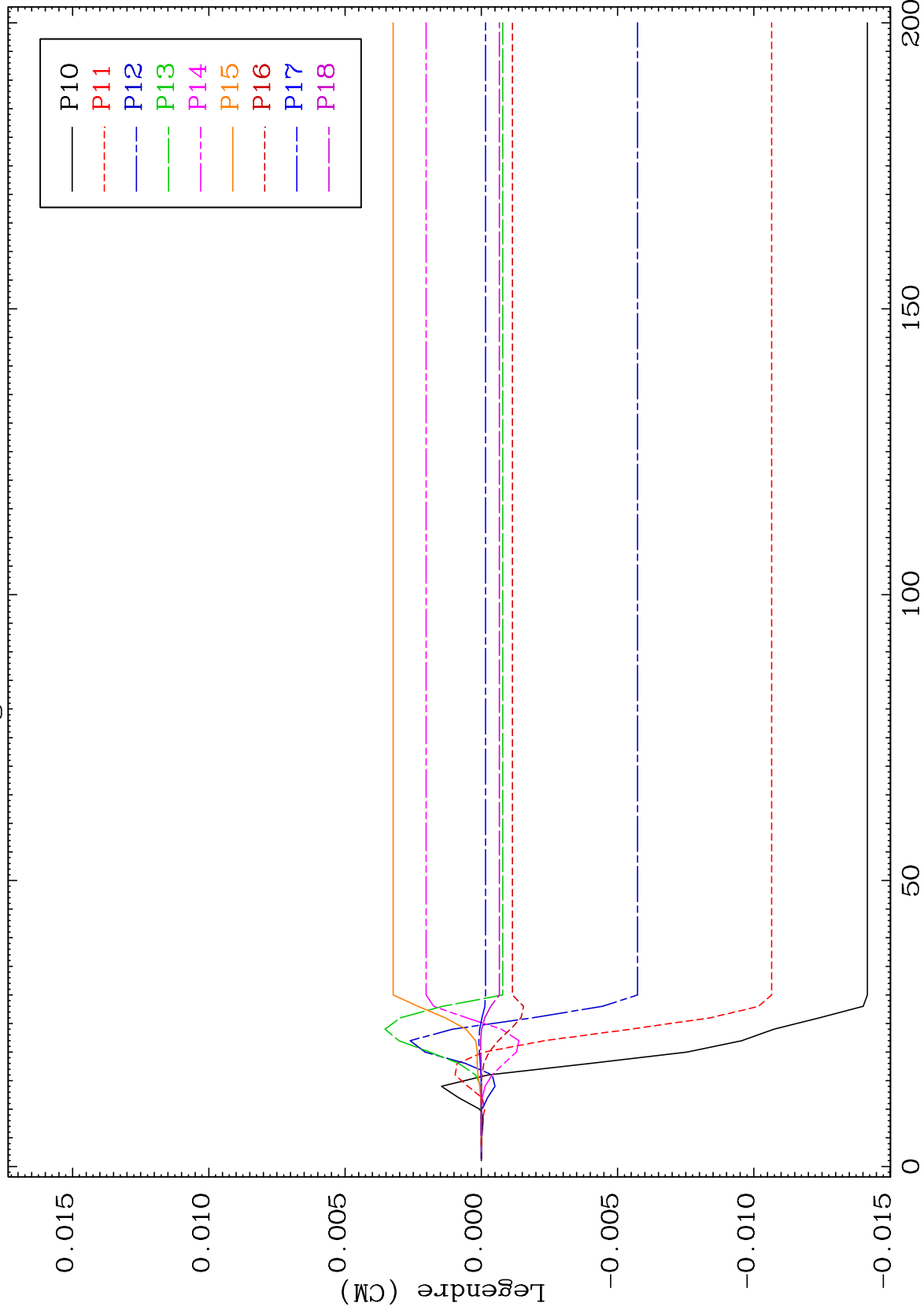
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

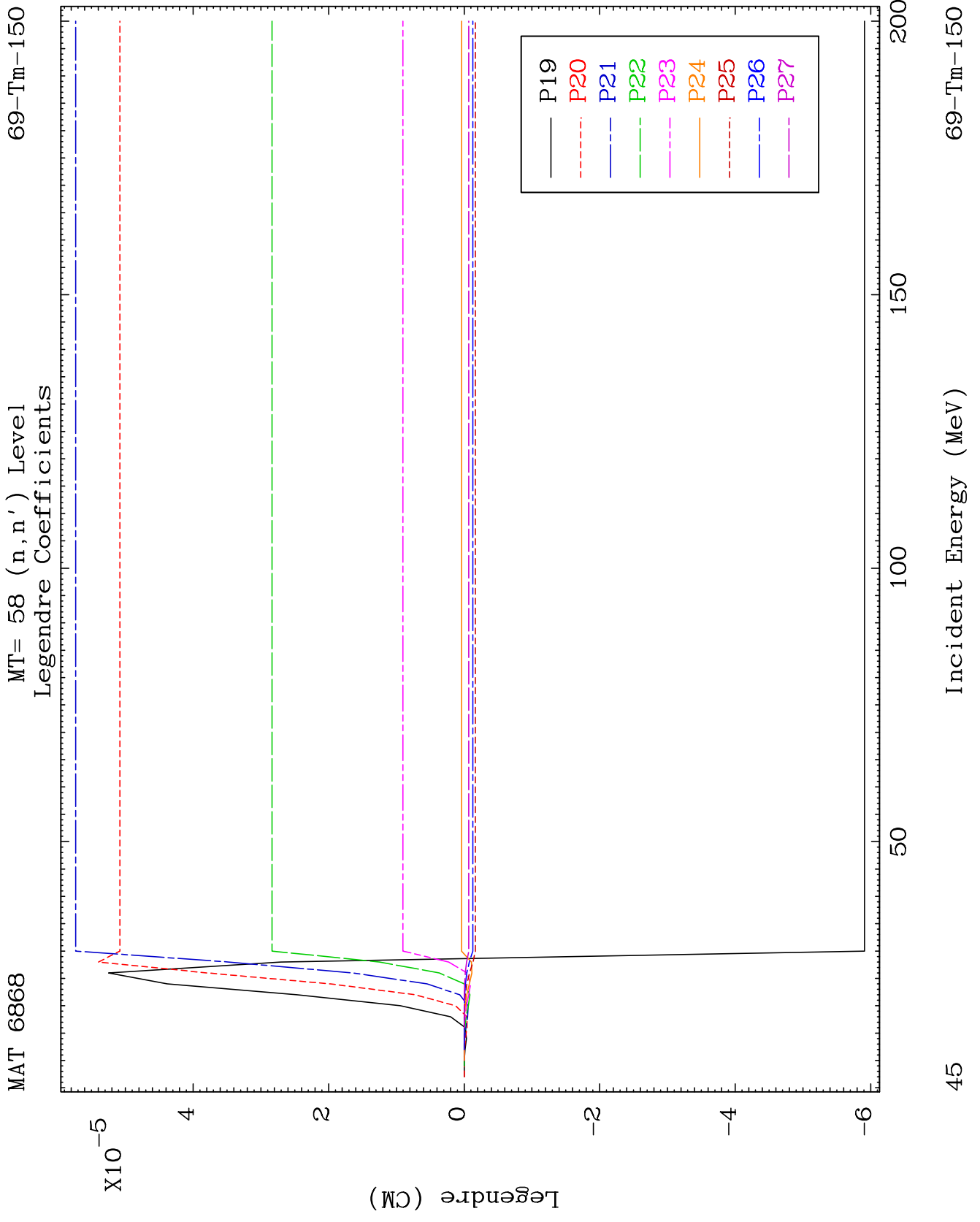
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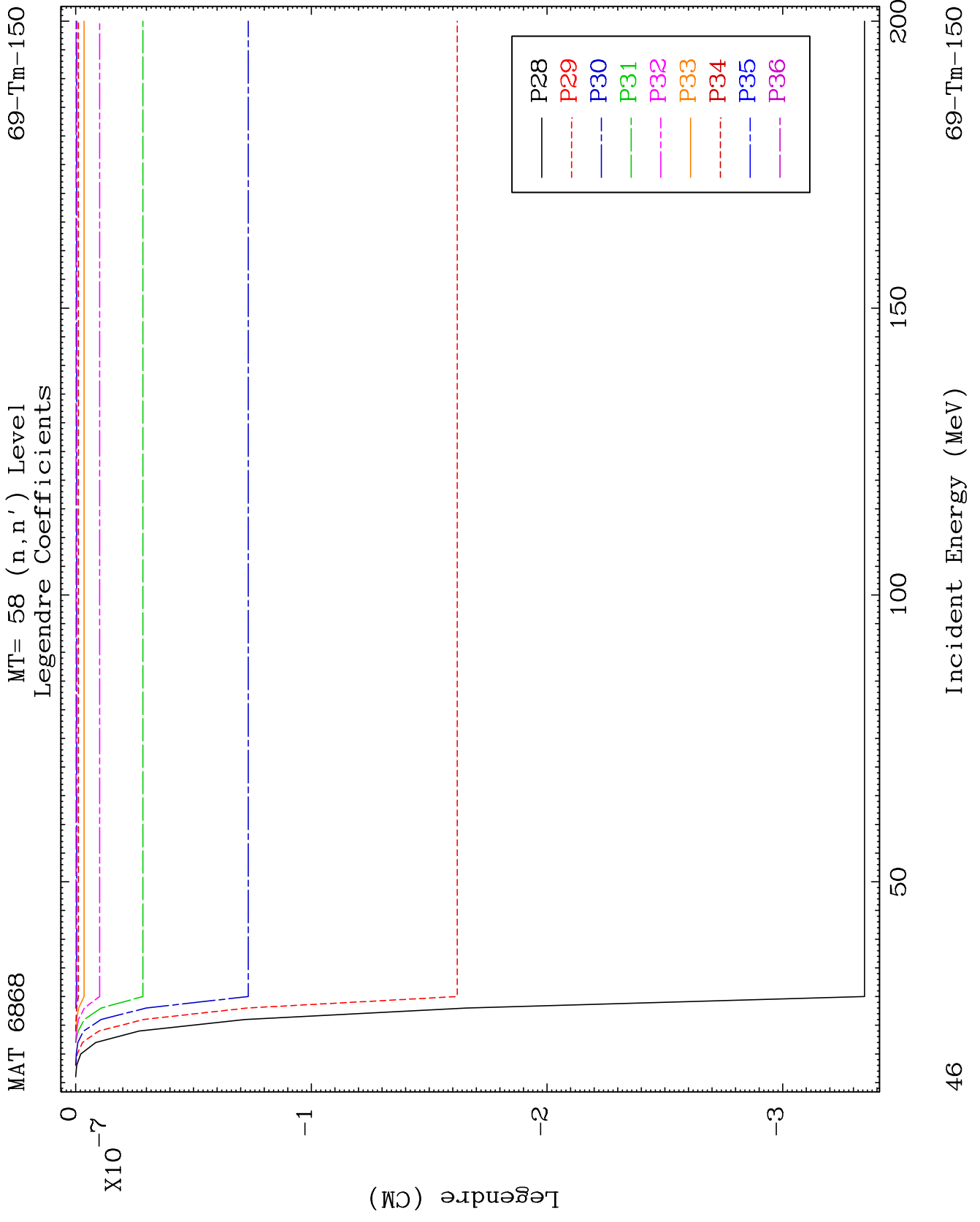


44

Incident Energy (MeV)

69-Tm-150

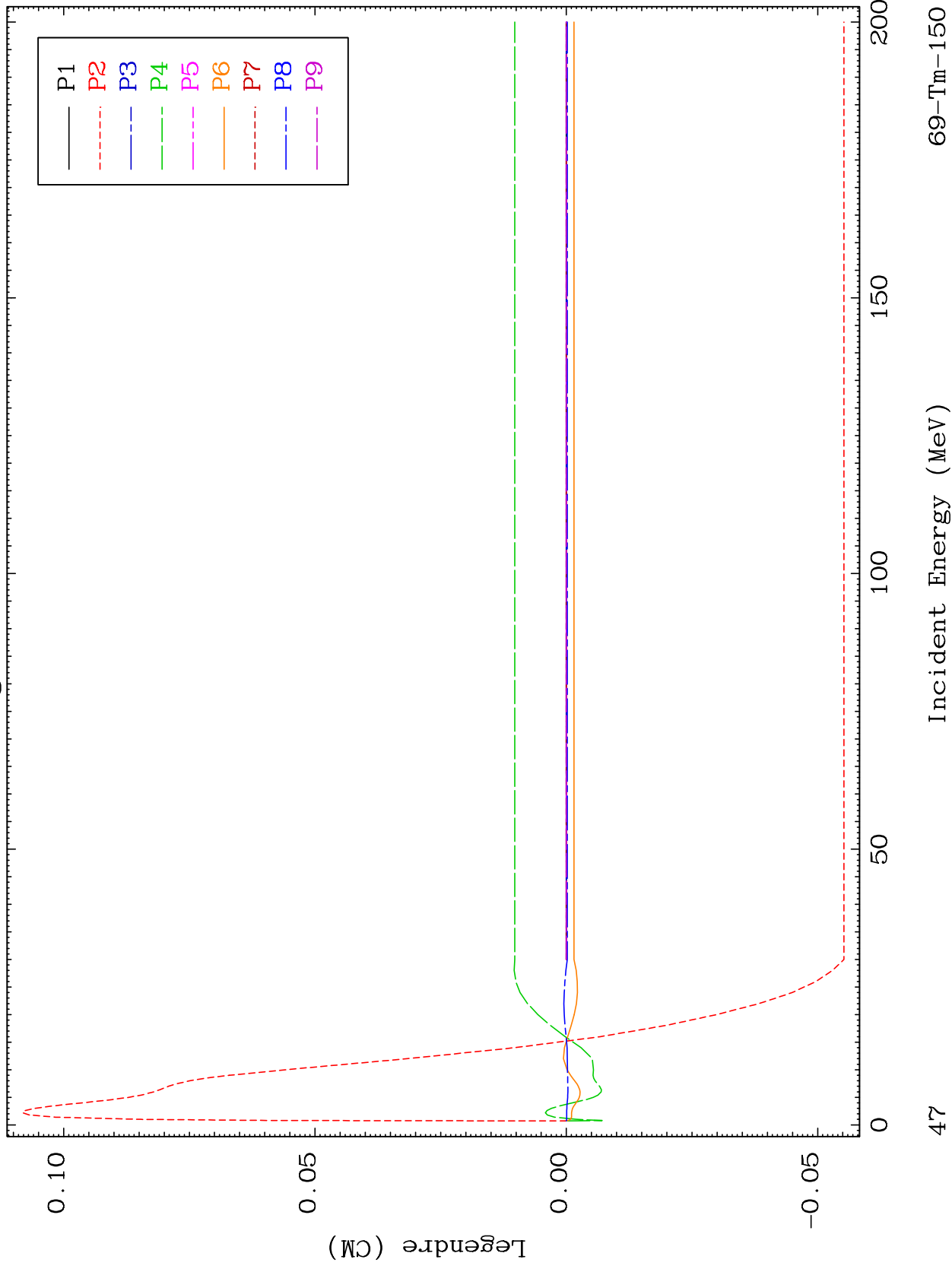




MAT 6868

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

69-Tm-150

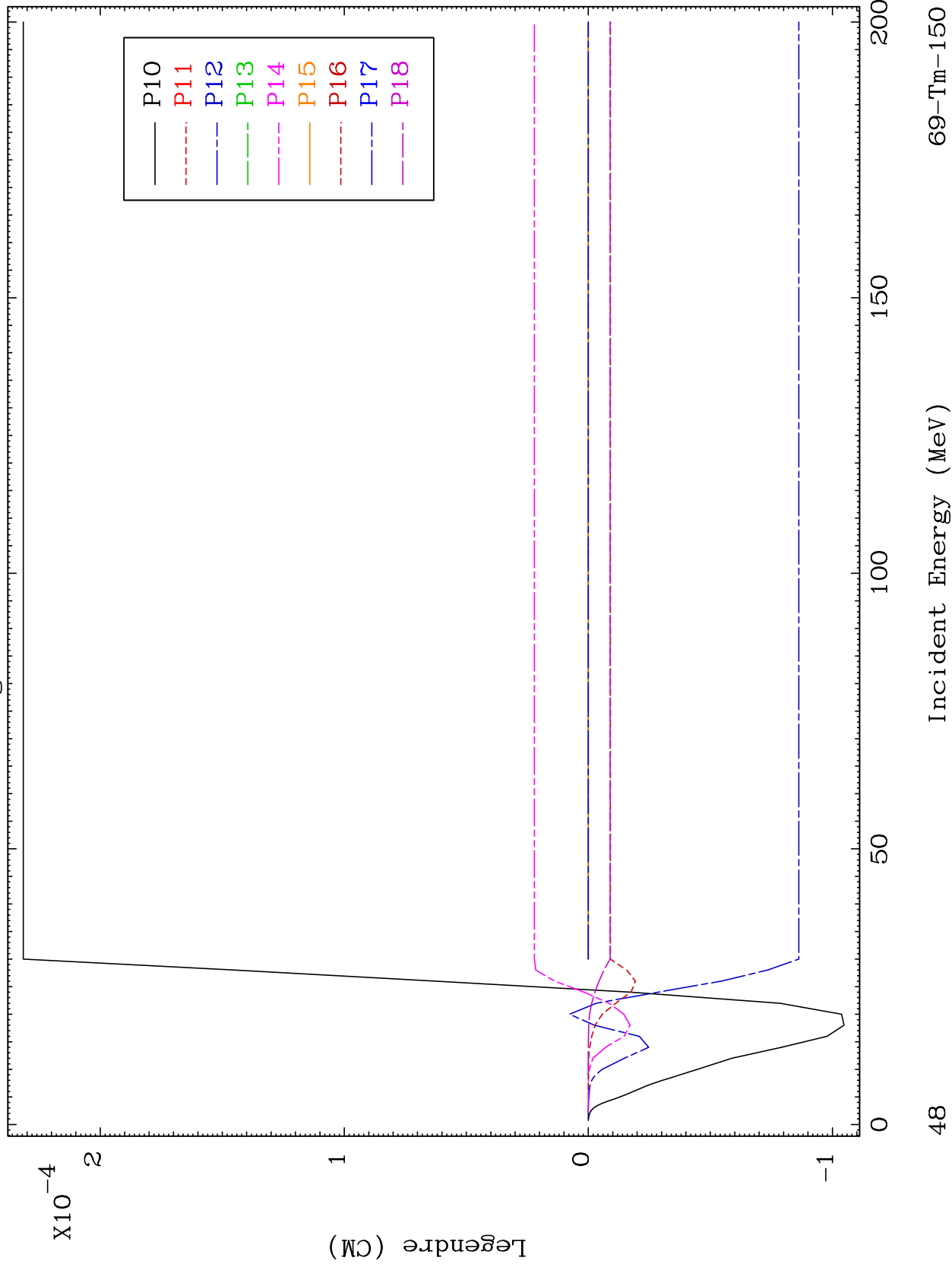




MAT 6868

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

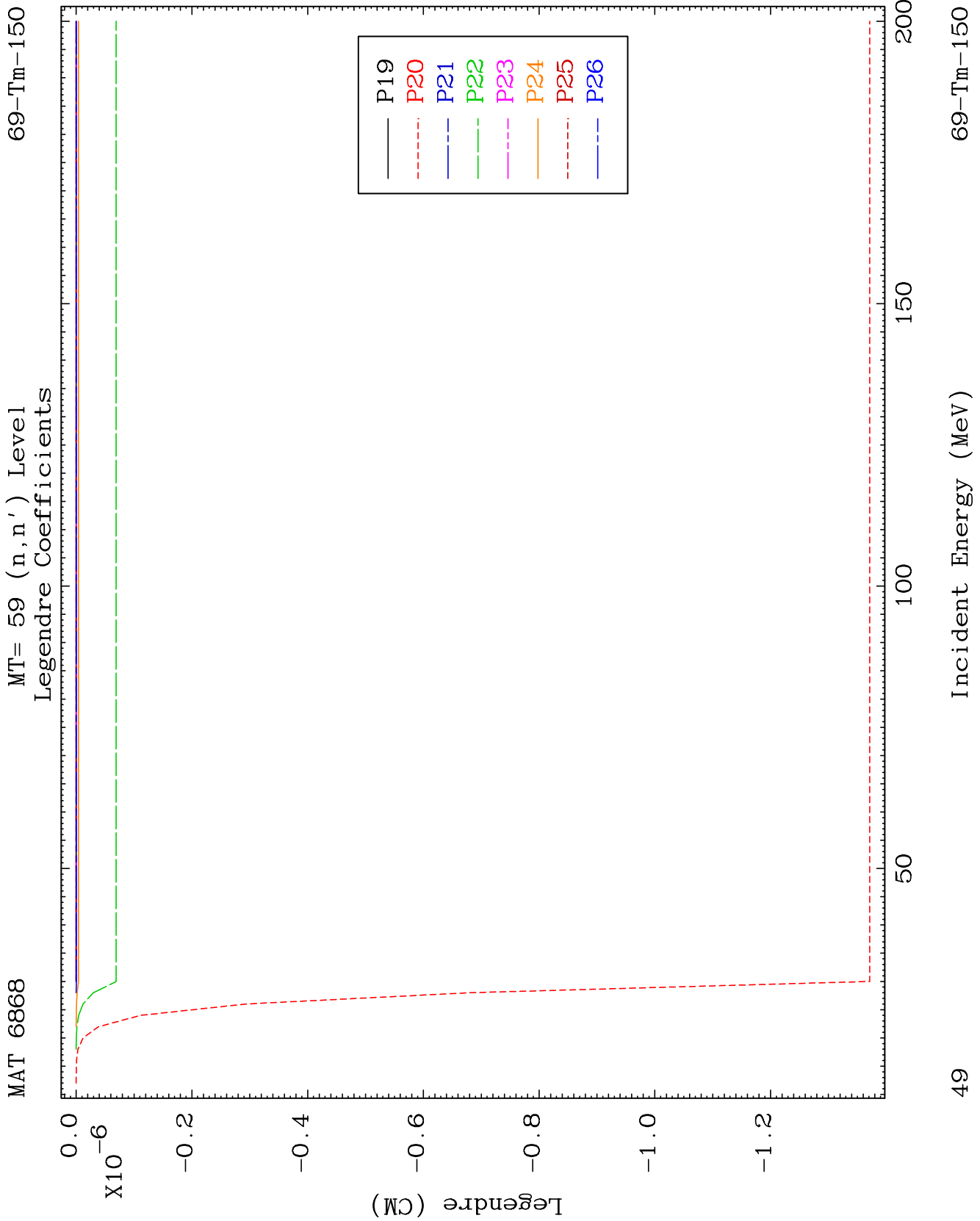
69-Tm-150



69-Tm-150

Incident Energy (MeV)

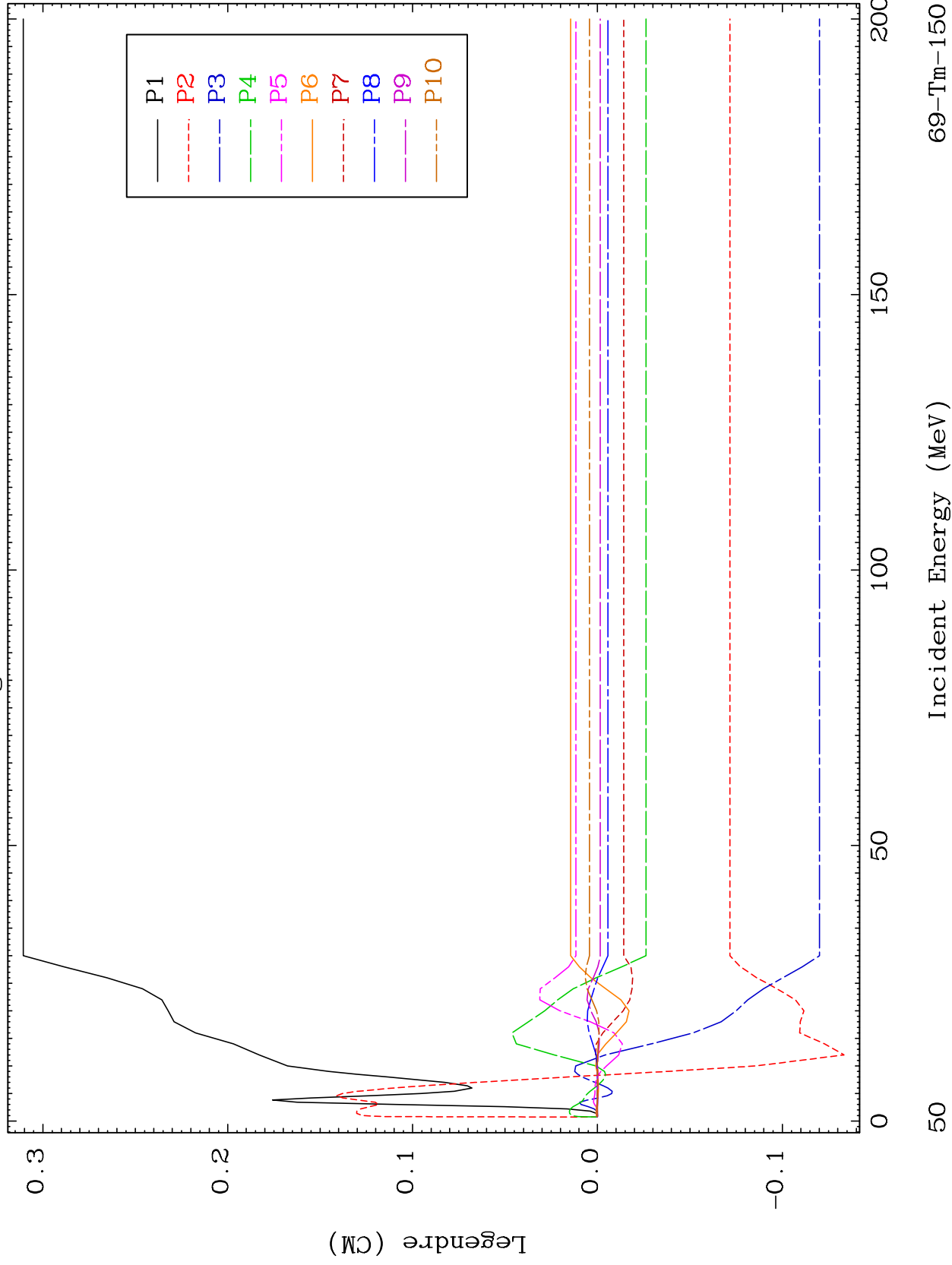
48



MAT 6868

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

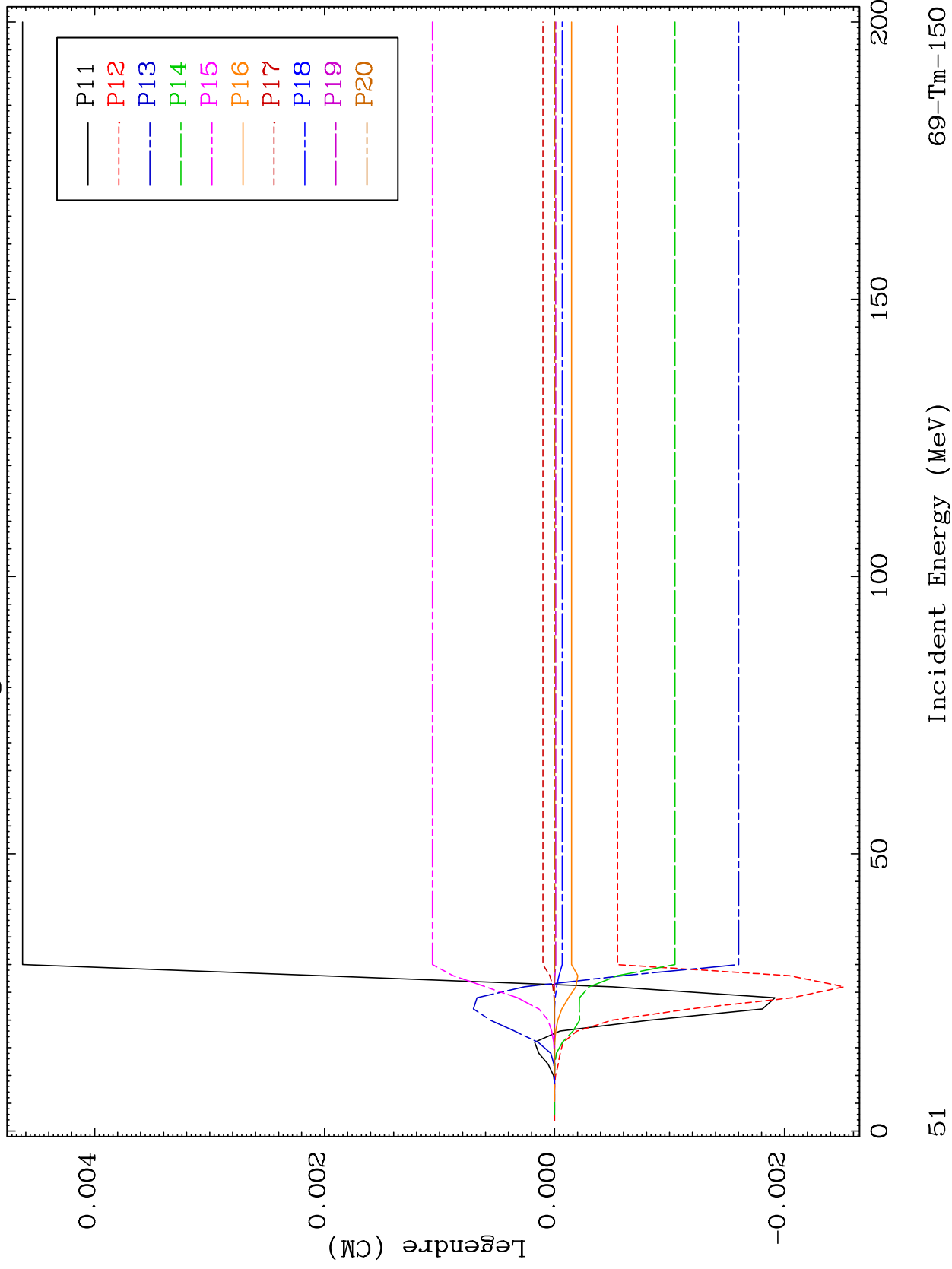
69-Tm-150



MAT 6868

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

69-Tm-150



51

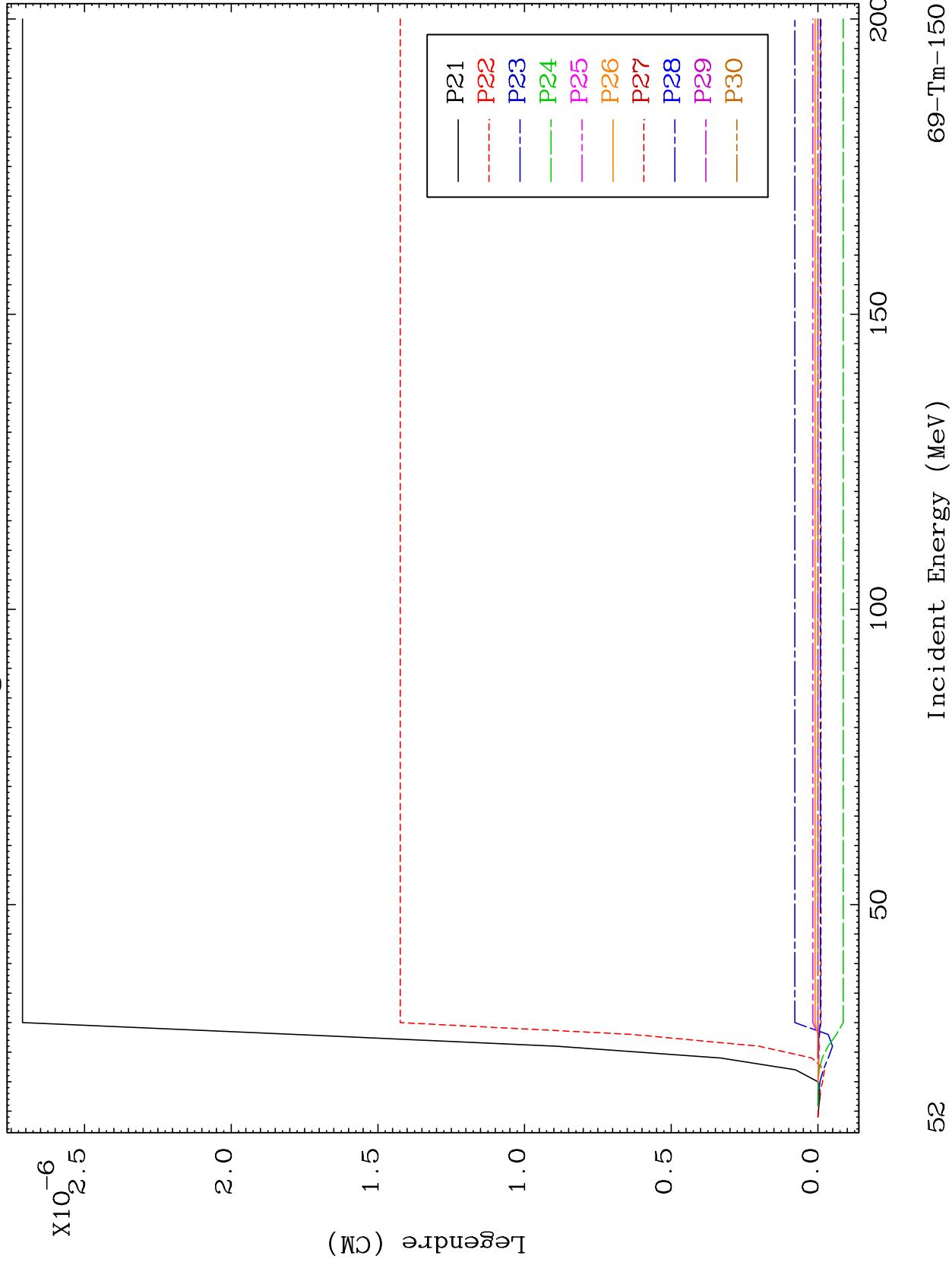
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



52

Incident Energy (MeV)

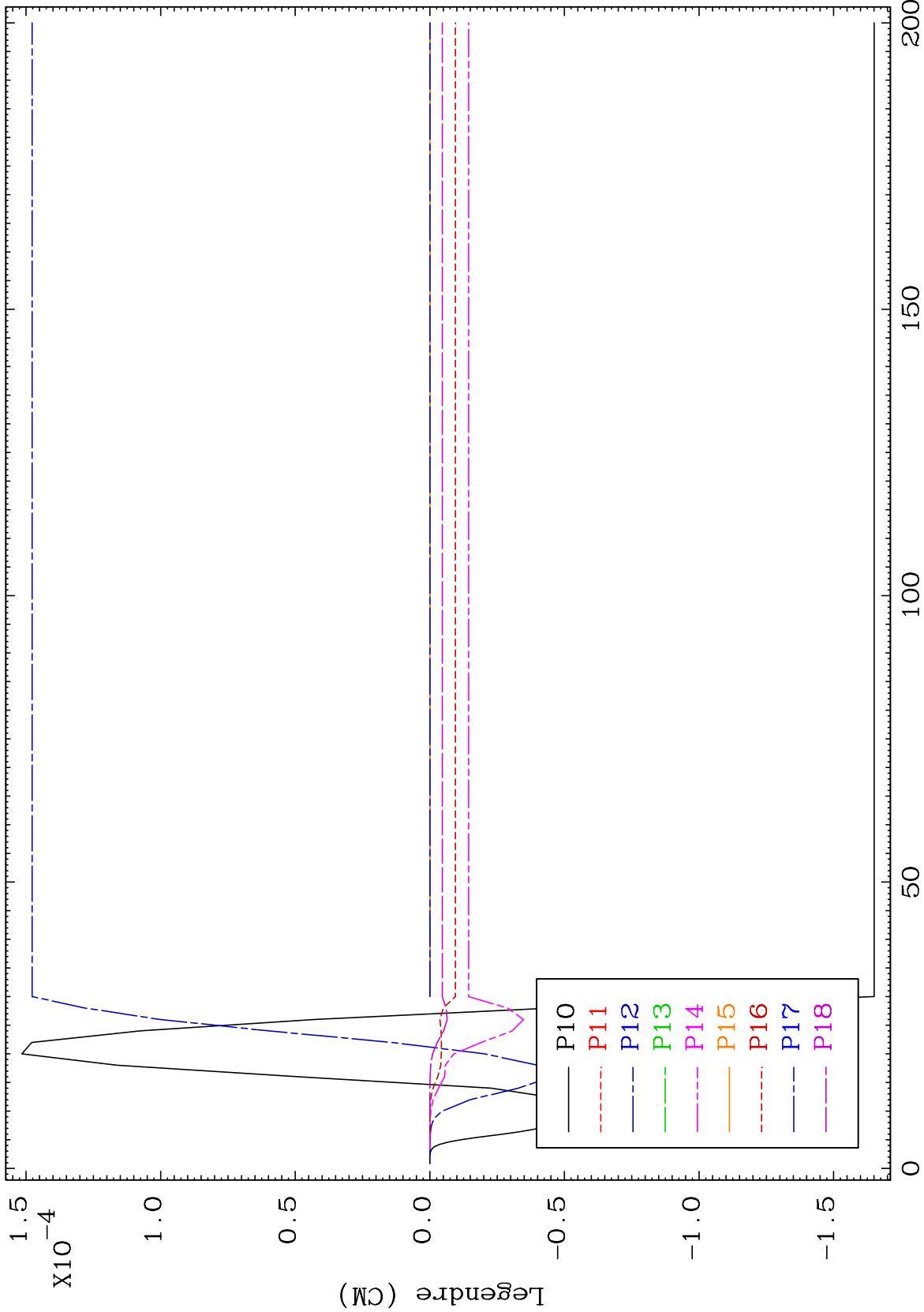
69-Tm-150



MAT 6868

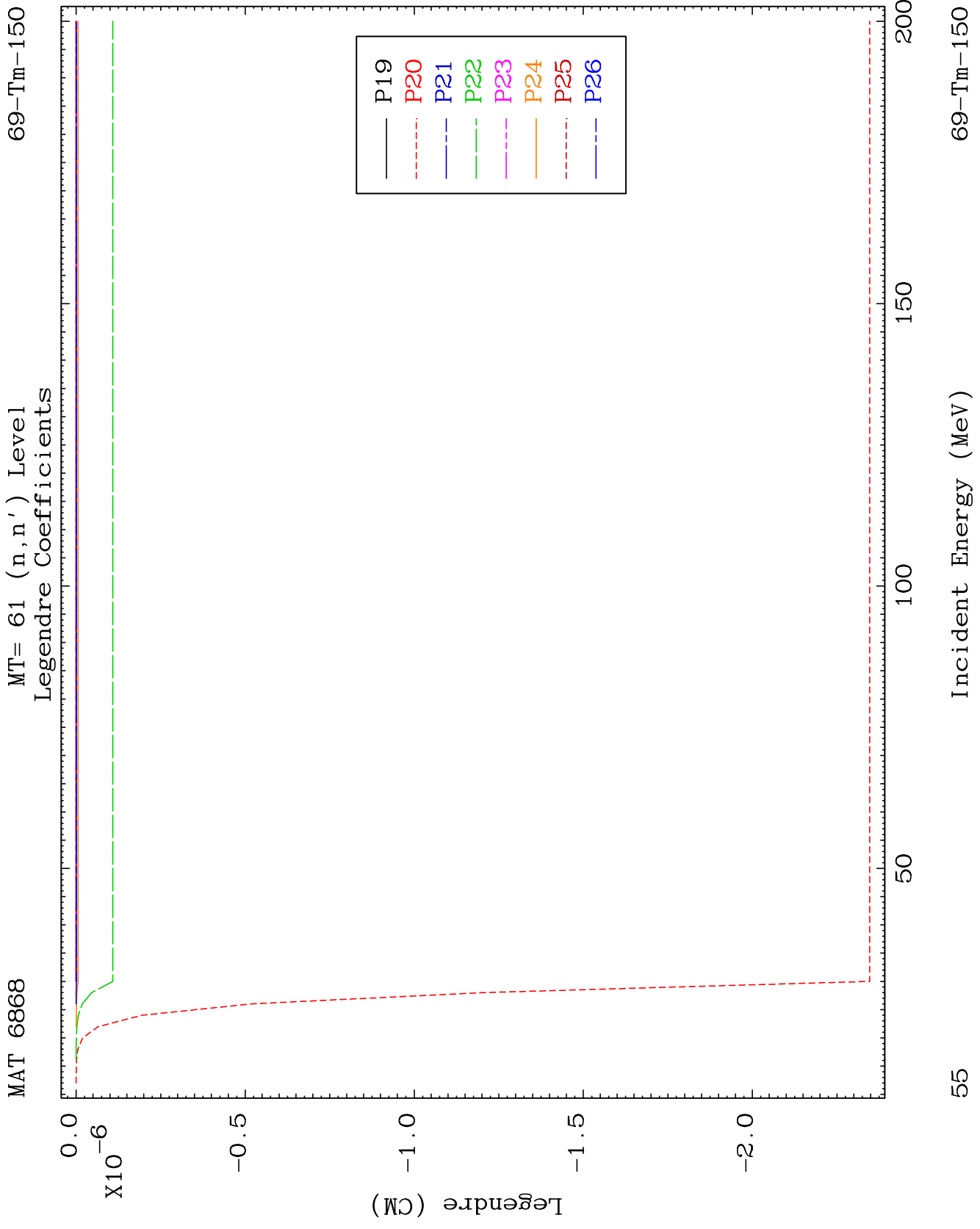
MT= 61 (n,n') Level  
Legendre Coefficients

69-Tm-150

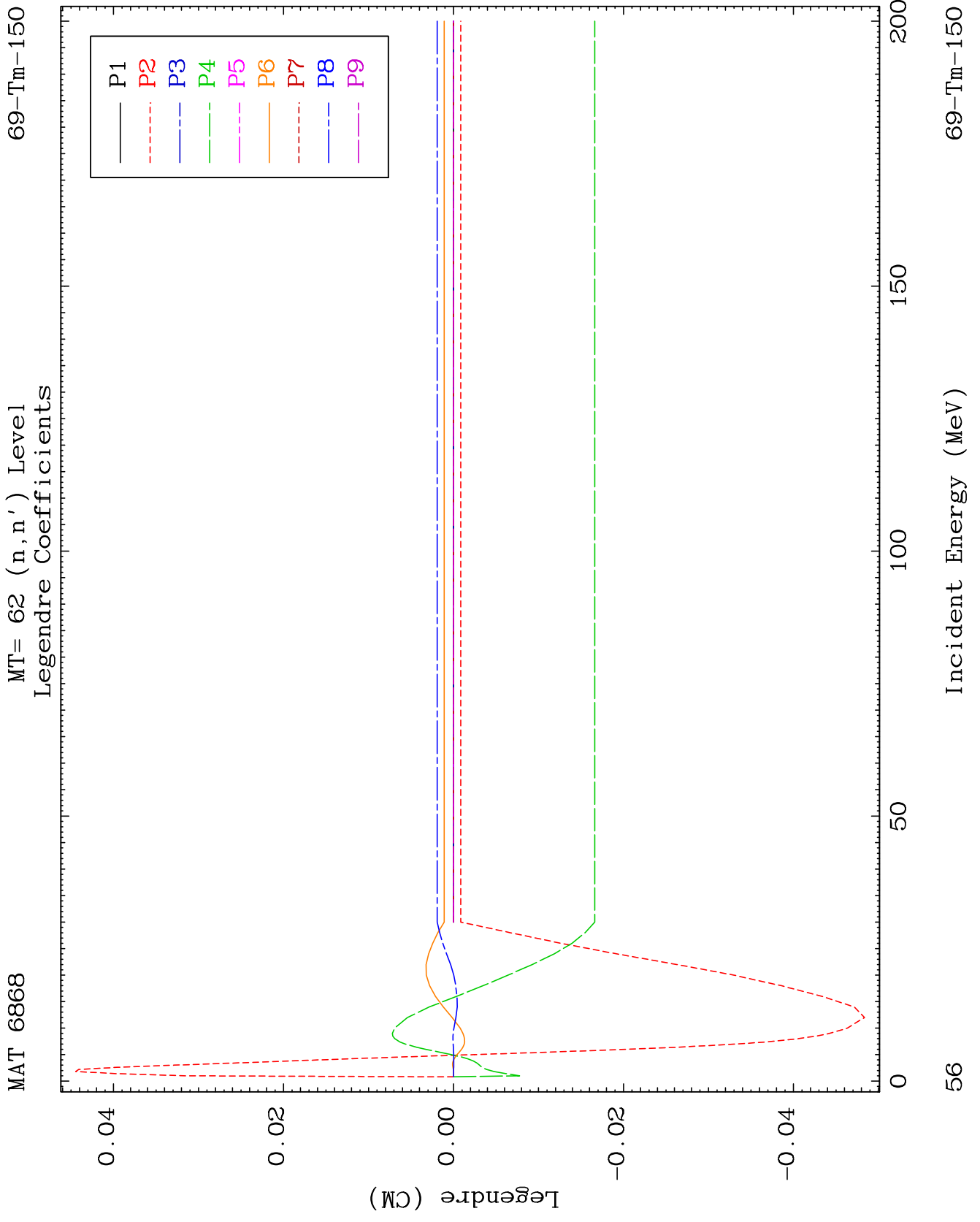


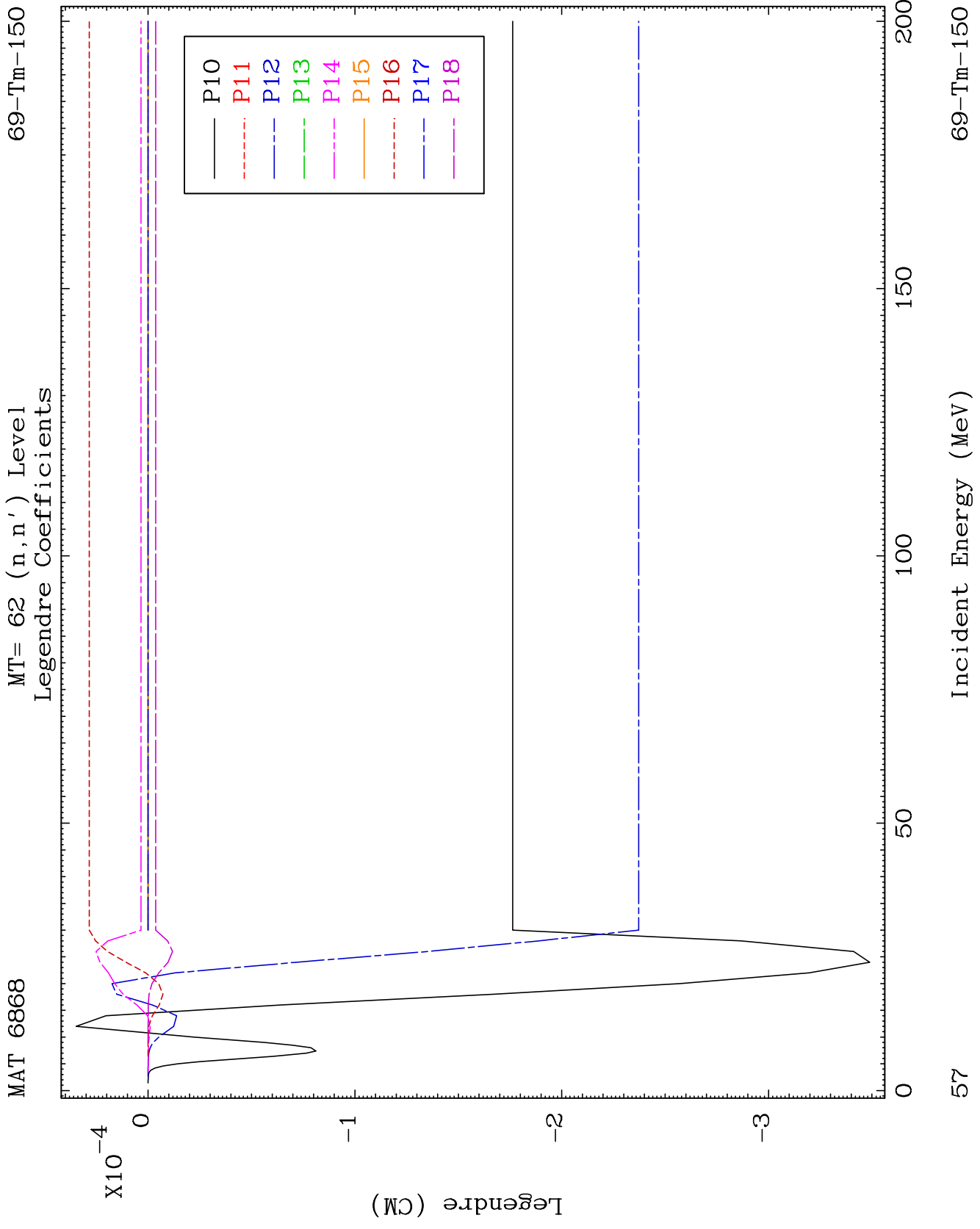
54

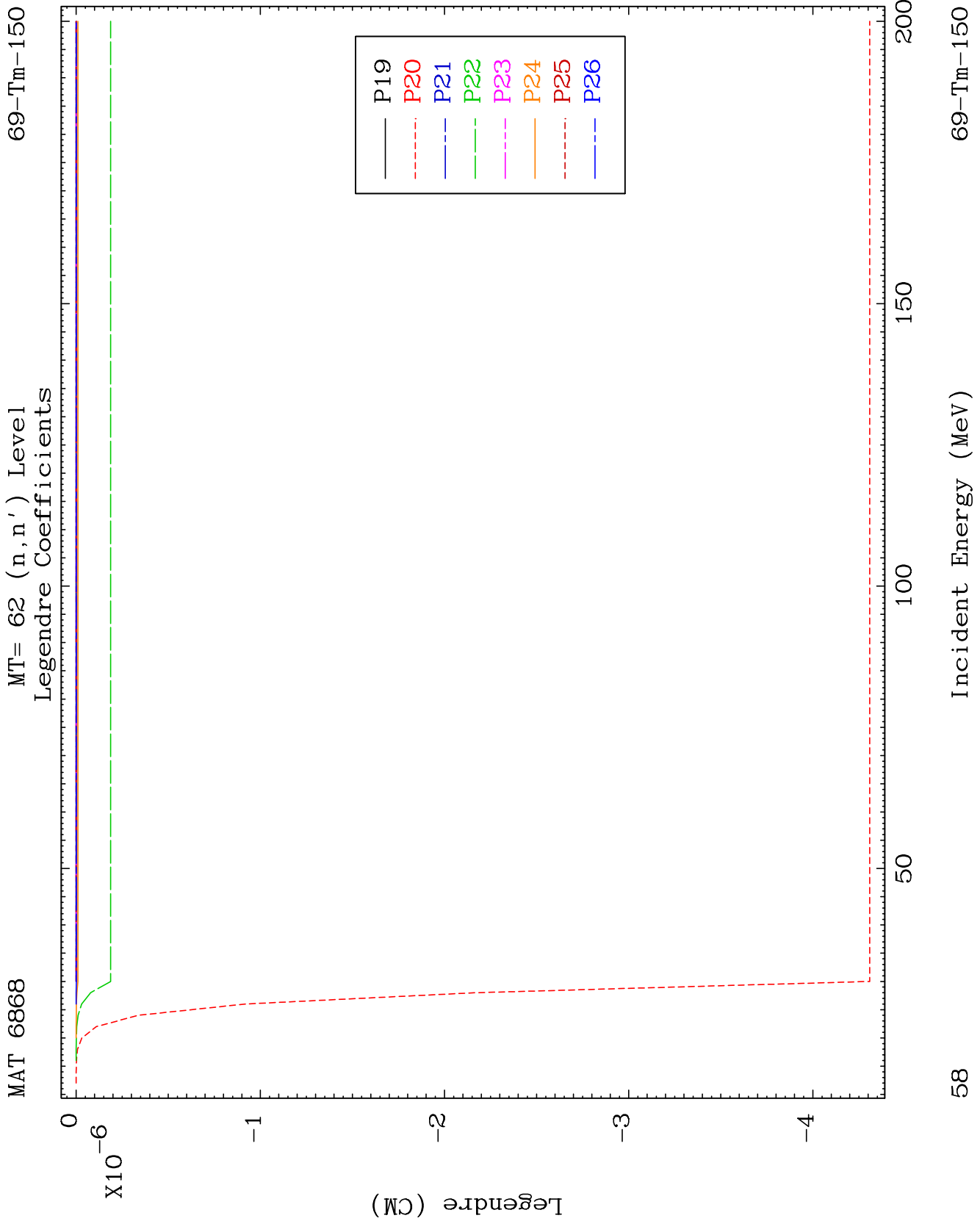
69-Tm-150

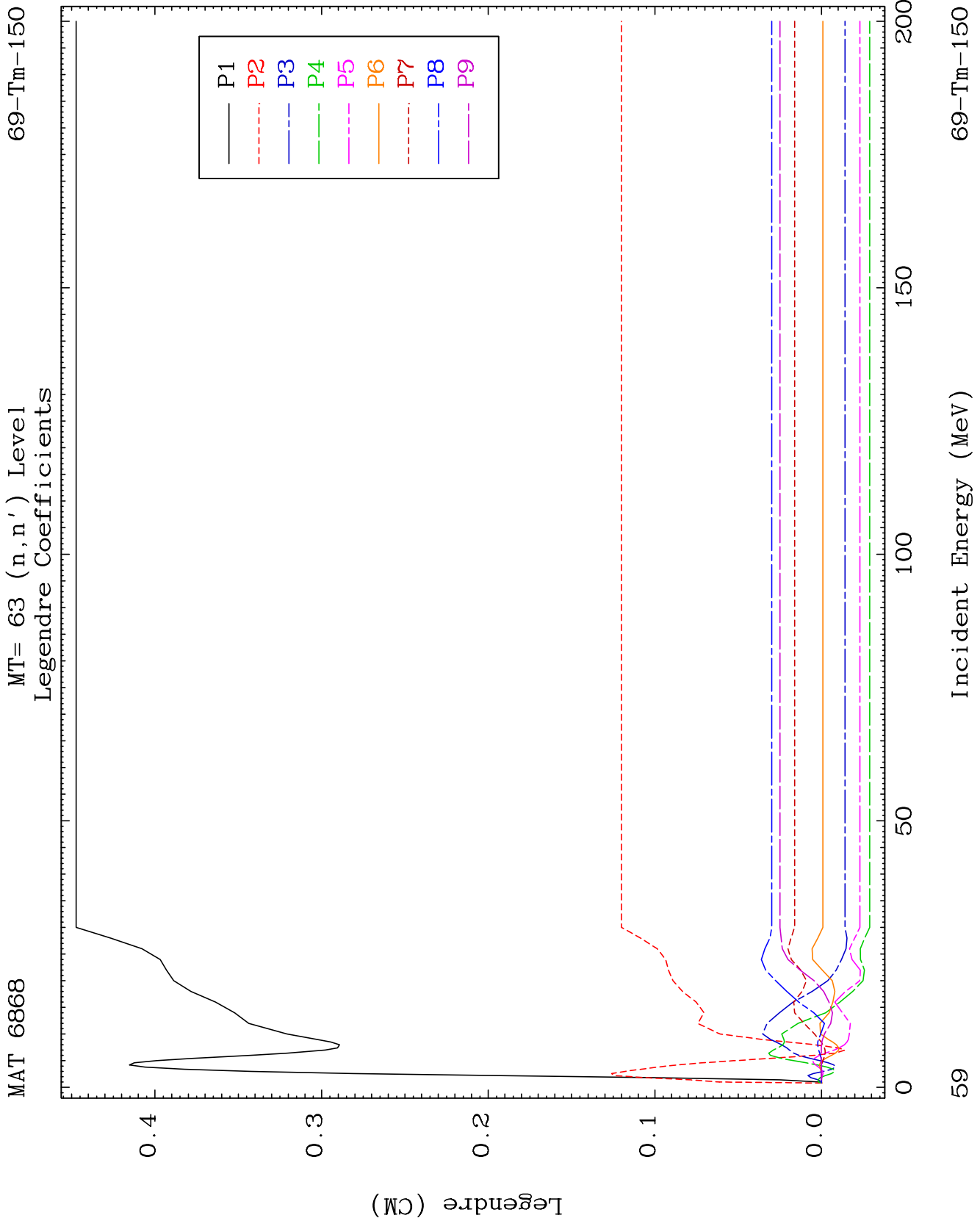








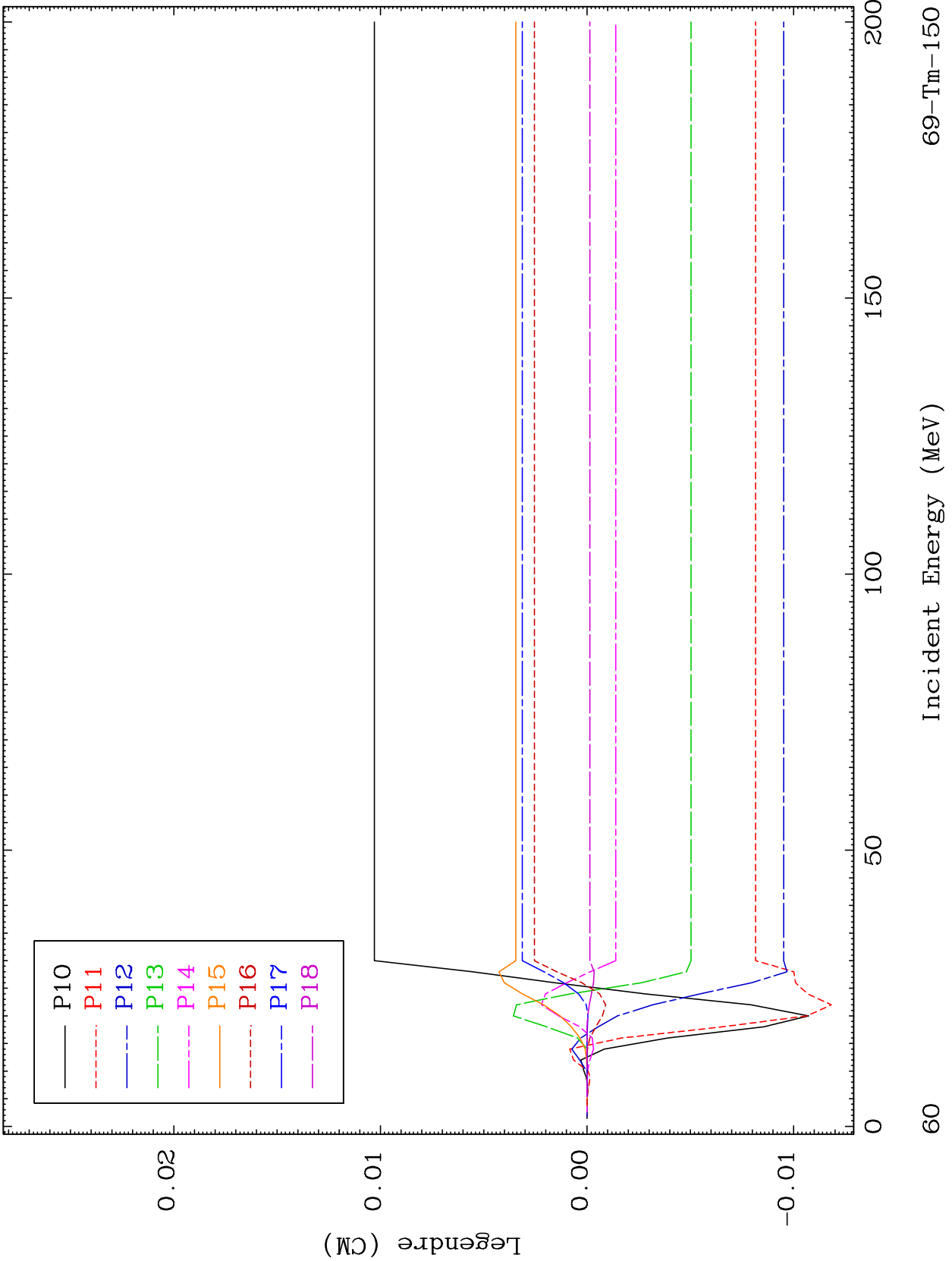




MAT 6868

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

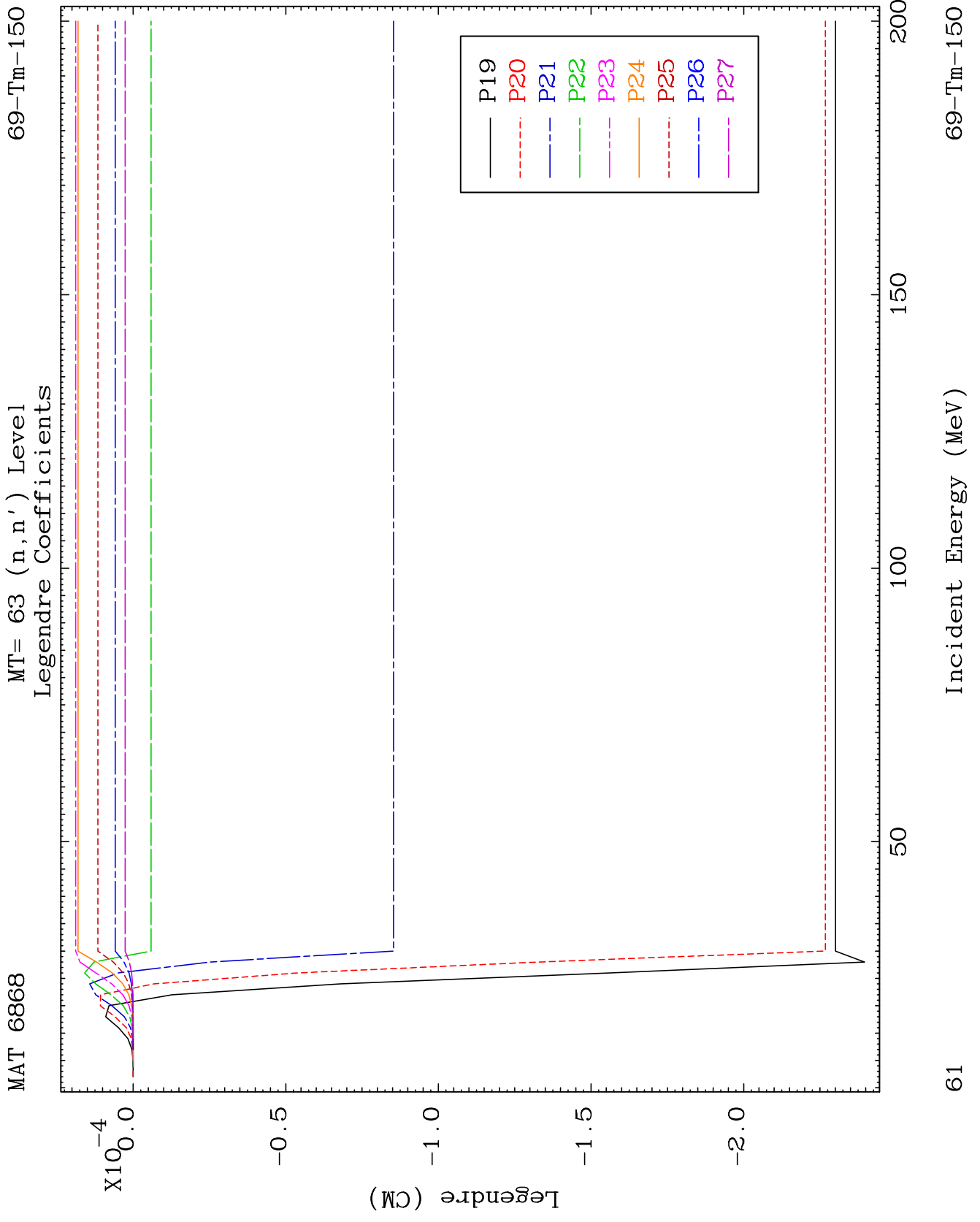
69-Tm-150



69-Tm-150

Incident Energy (MeV)

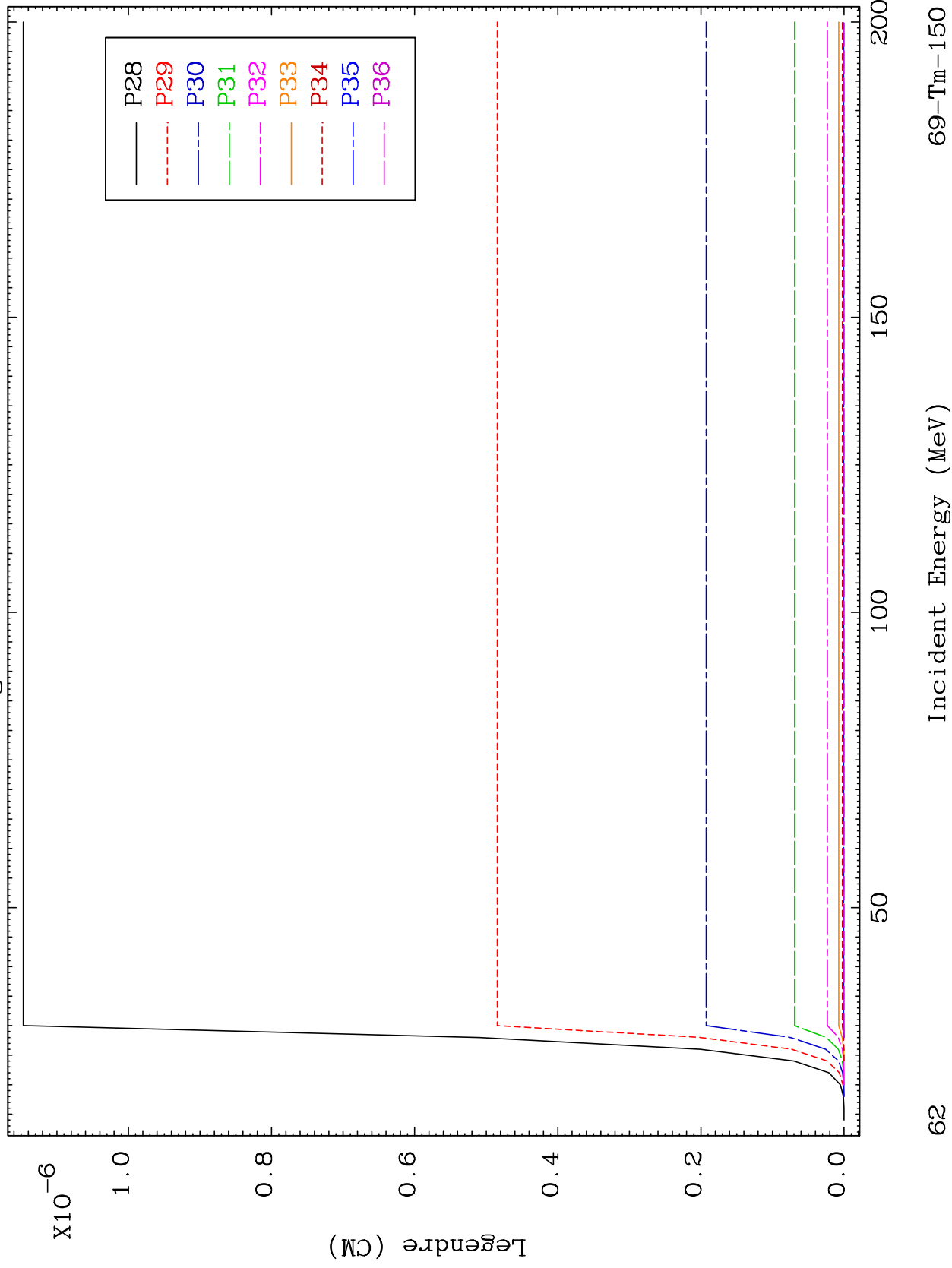
60



MAT 6868

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

69-Tm-150



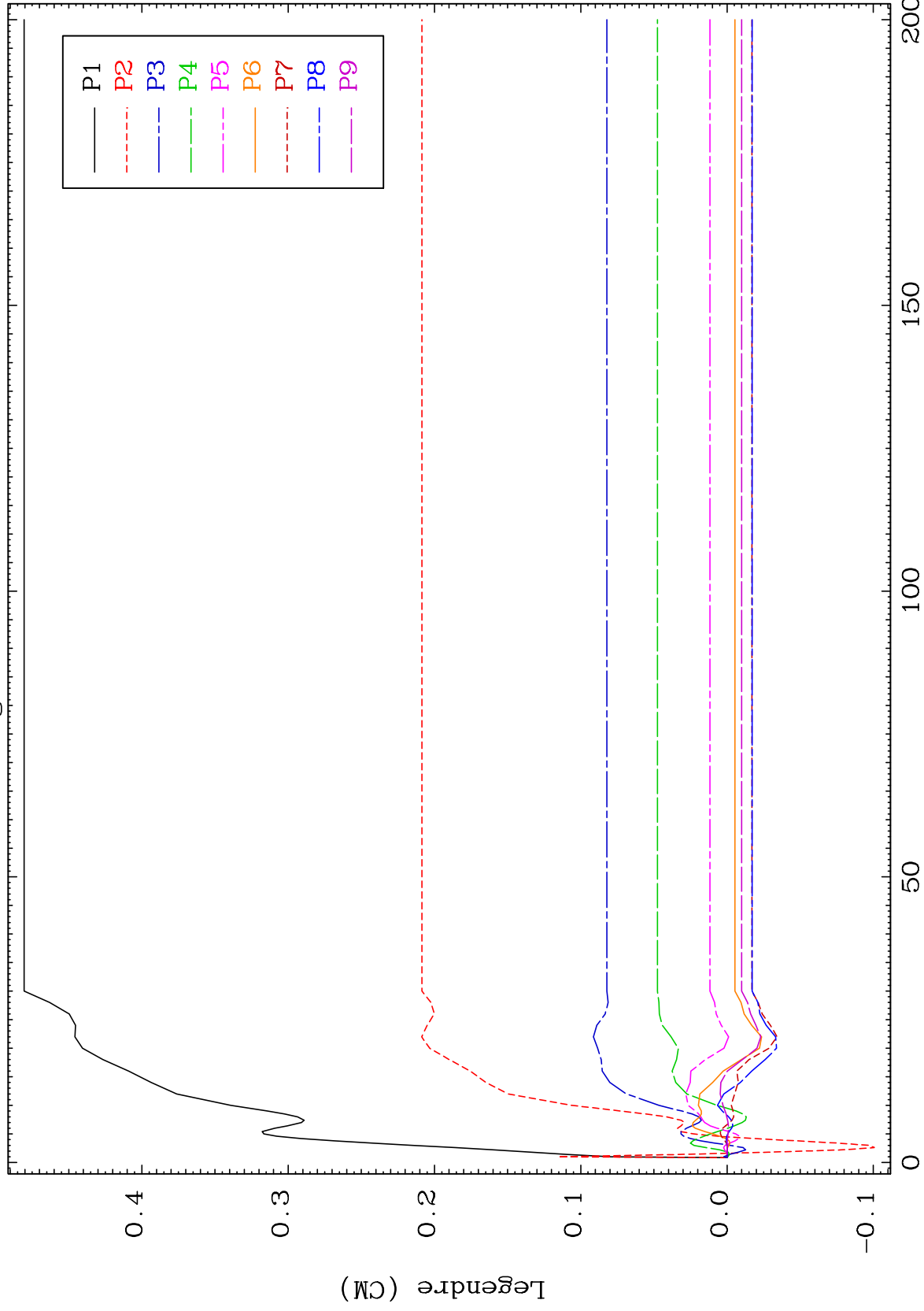
62

69-Tm-150

MAT 6868

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

69-Tm-150

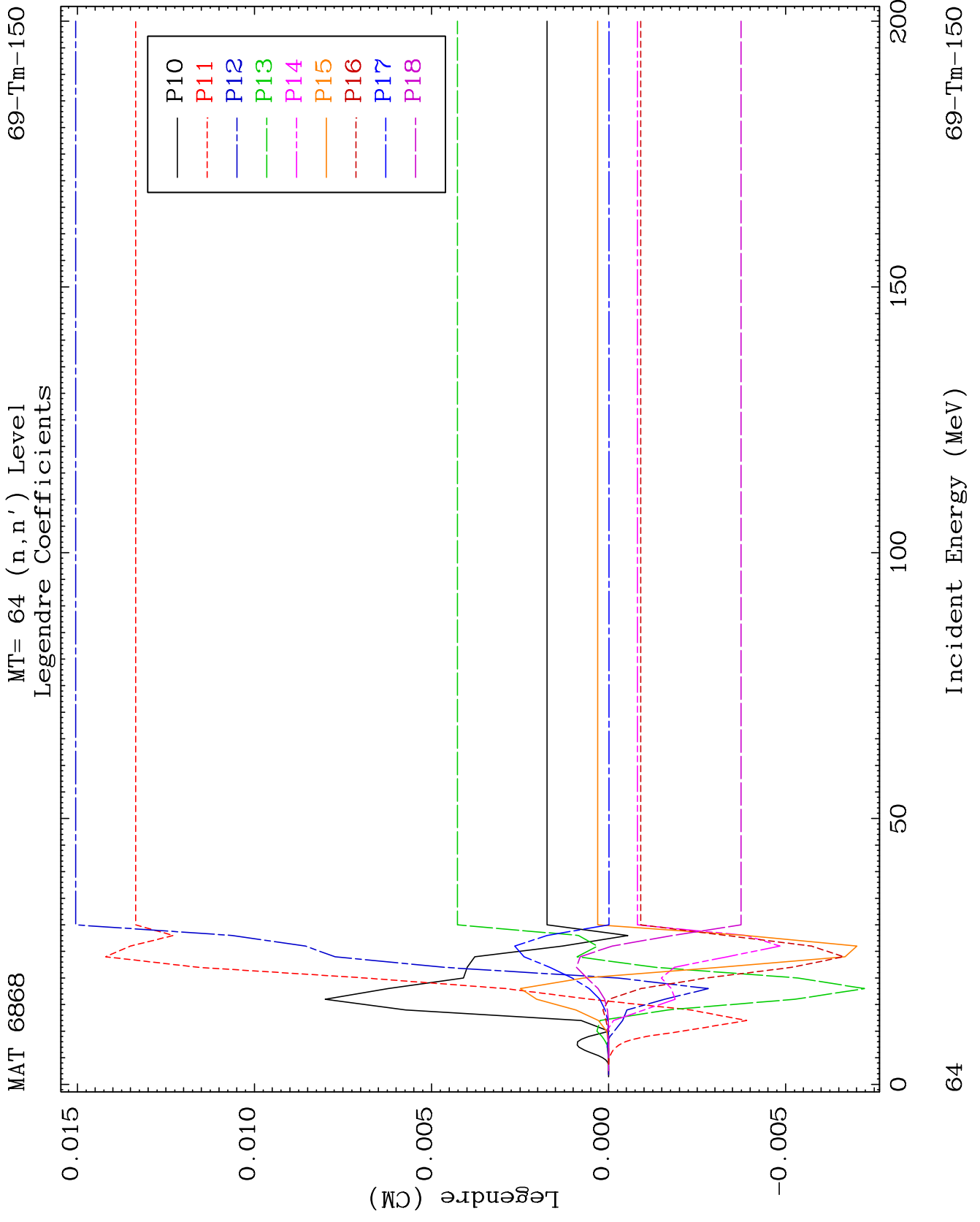


63

Incident Energy (MeV)

69-Tm-150

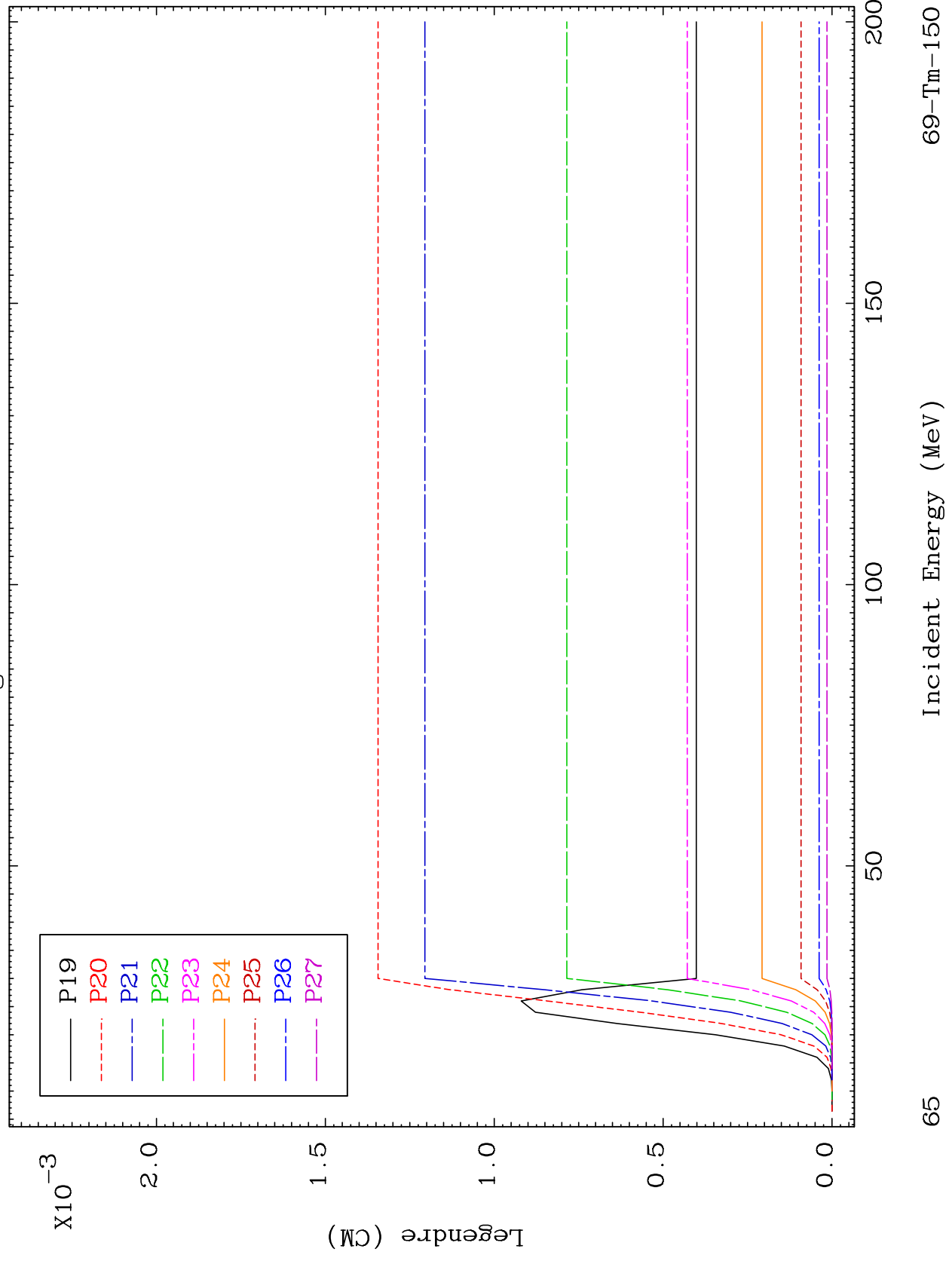




MAT 6868

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

69-Tm-150



65

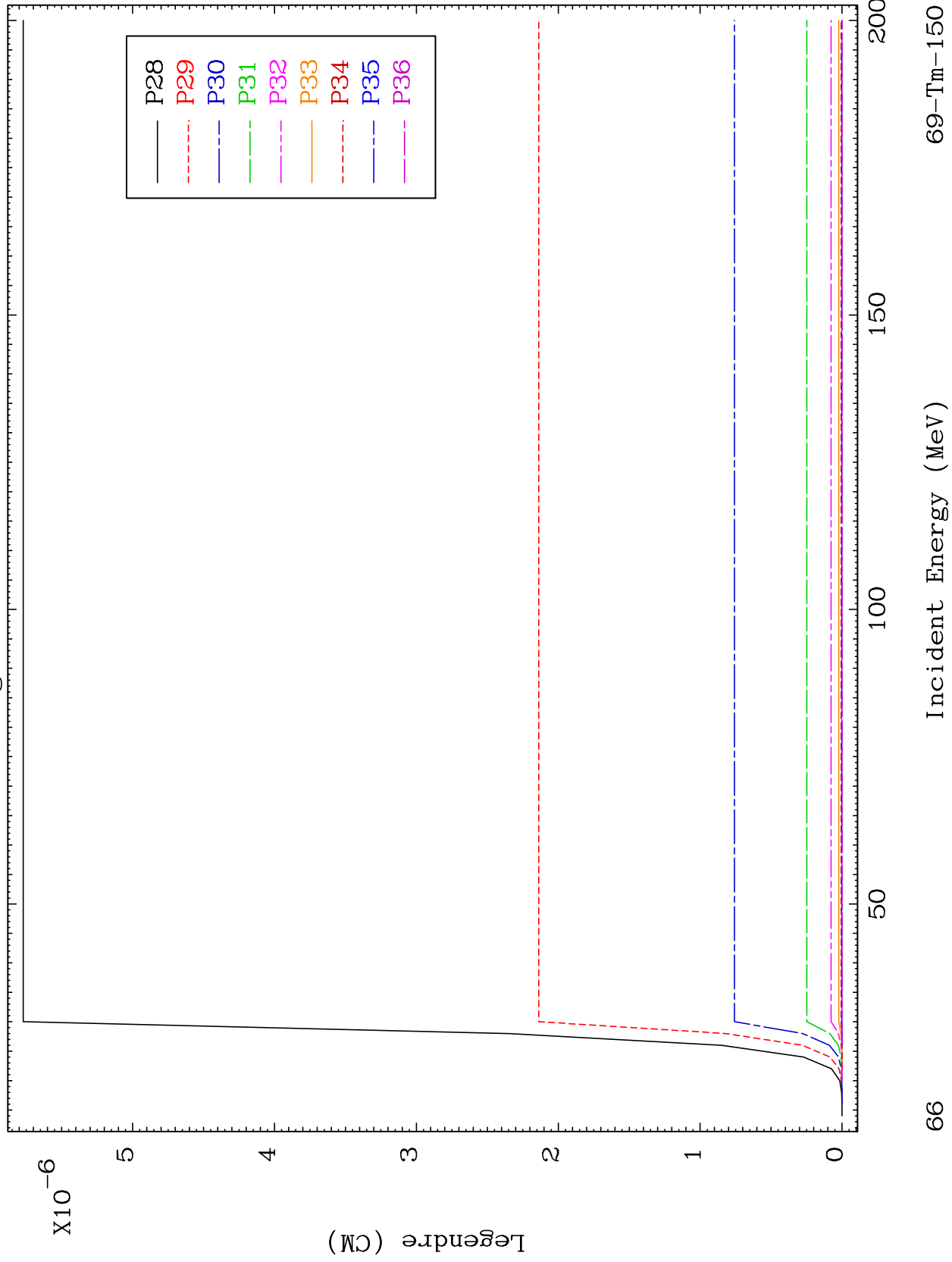
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



66

Incident Energy (MeV)

69-Tm-150

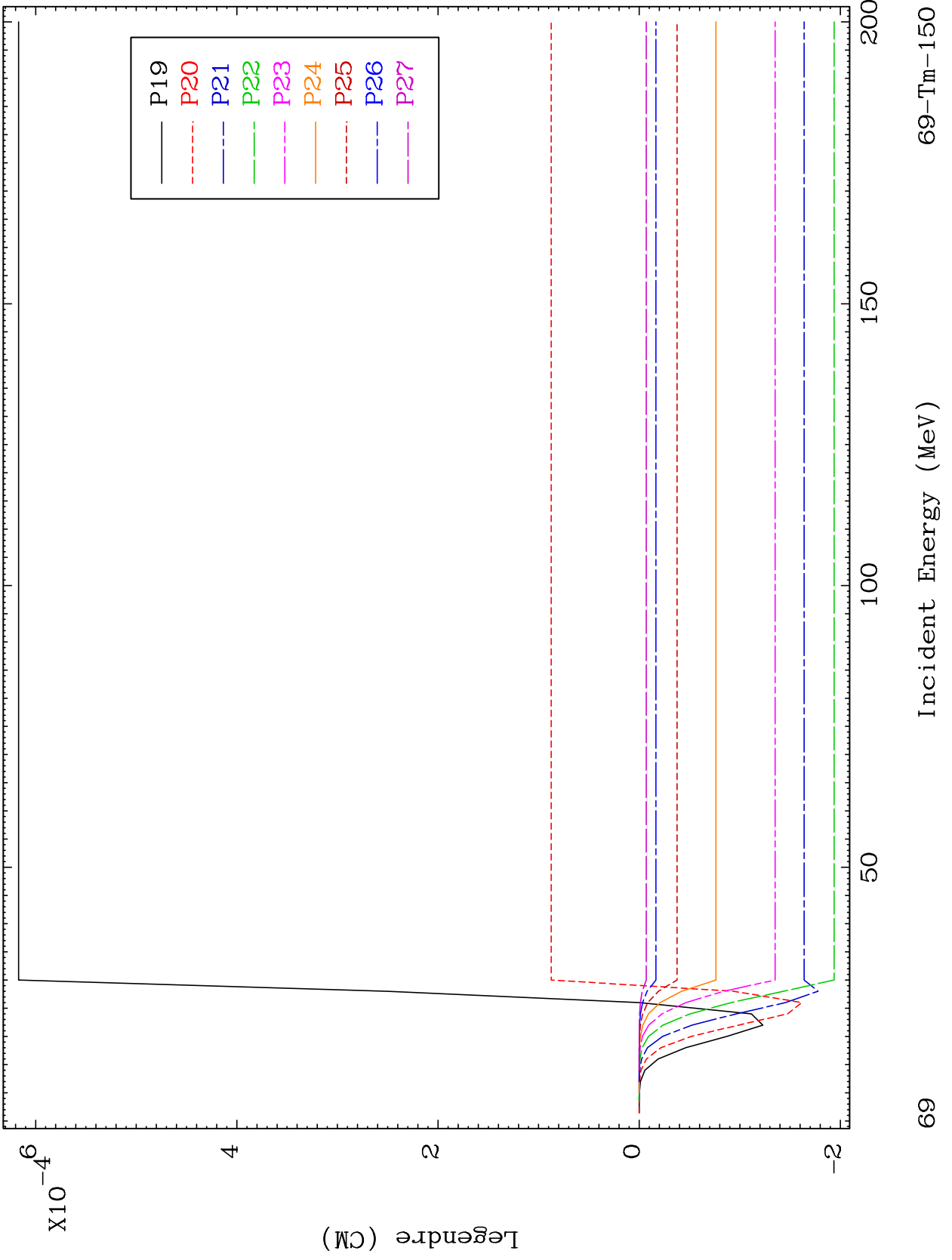




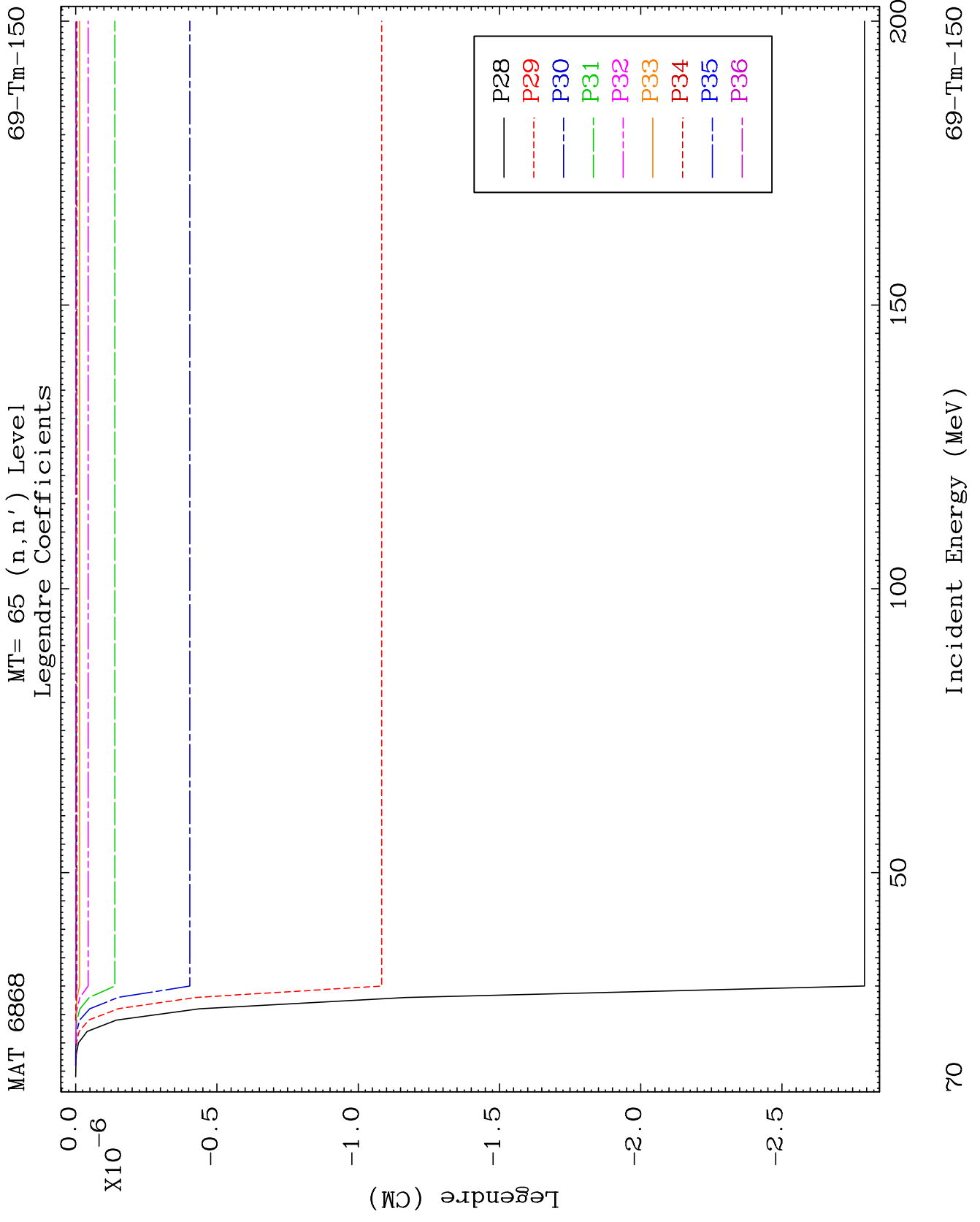
MAT 6868

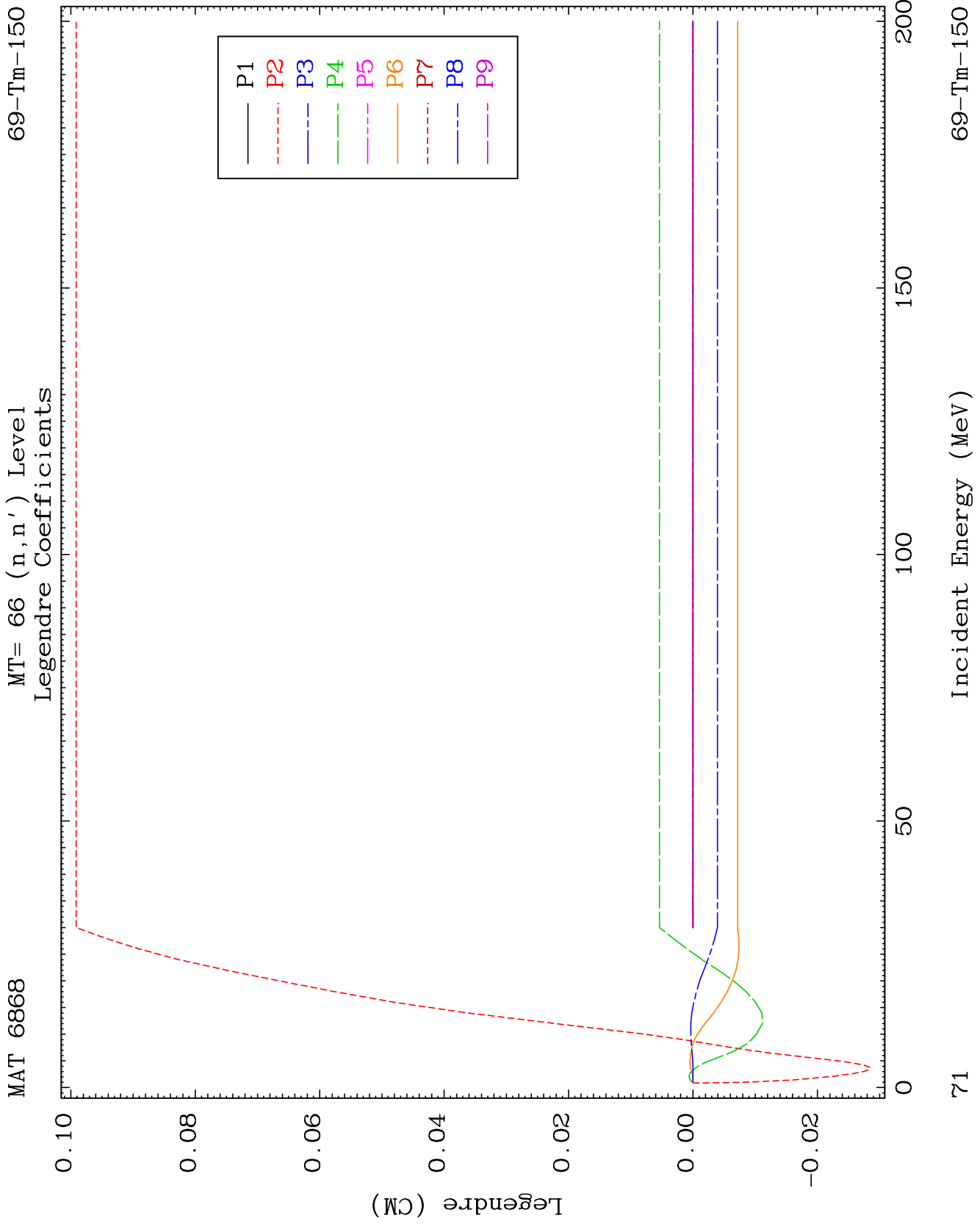
MT= 65 (n,n') Level  
Legendre Coefficients

69-Tm-150



69



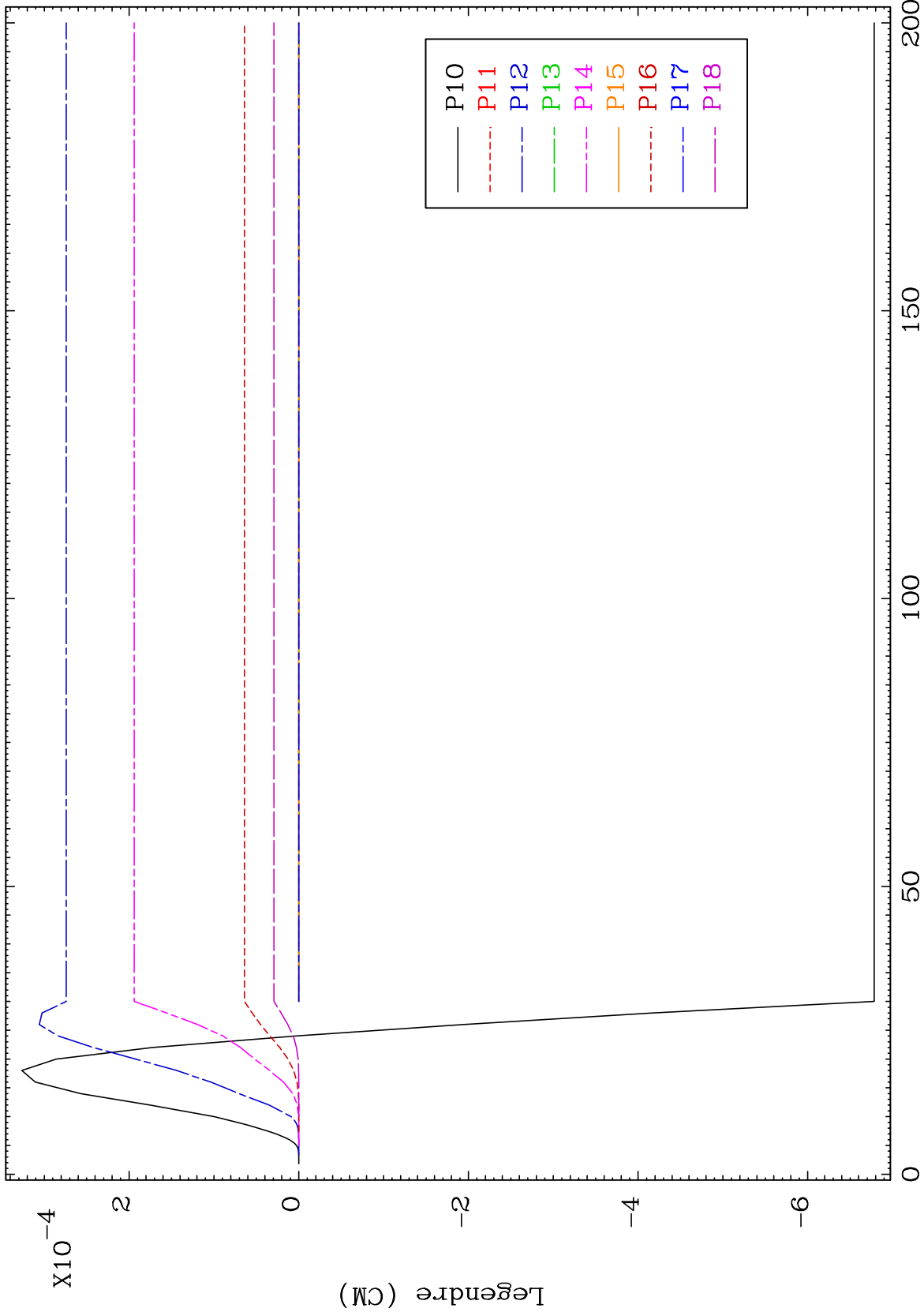




MAT 6868

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

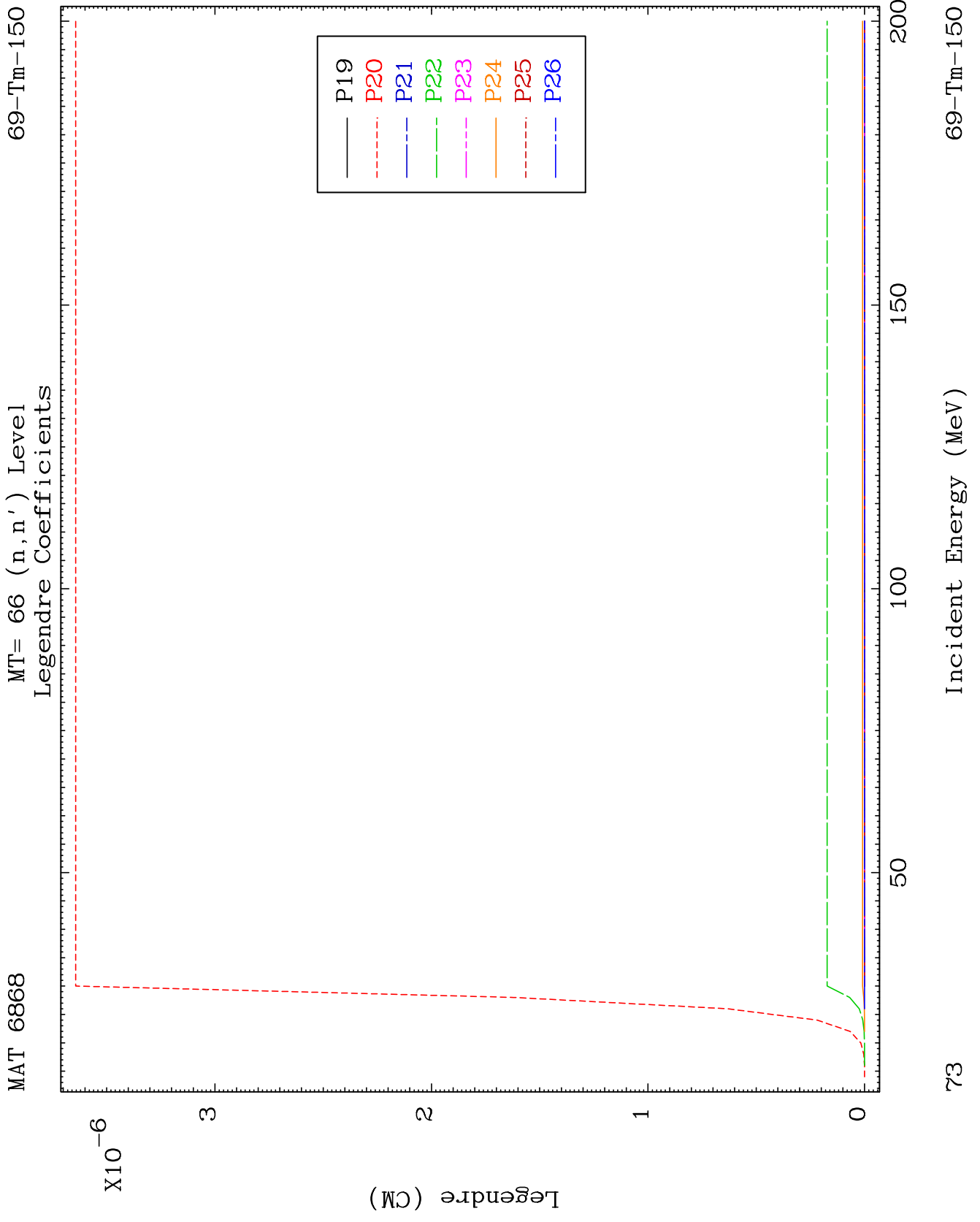
69-Tm-150



72

Incident Energy (MeV)

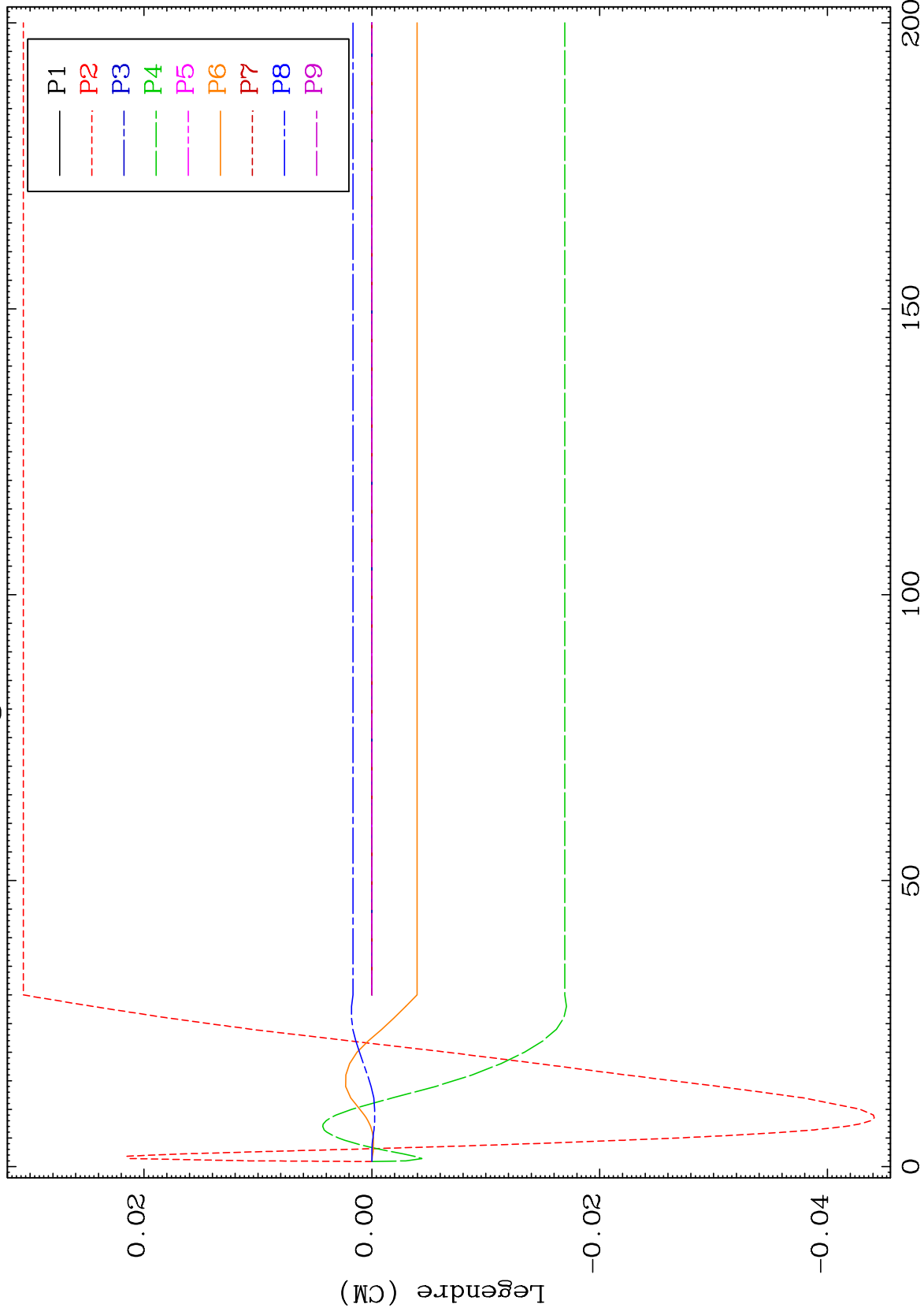
69-Tm-150



MAT 6868

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

69-Tm-150



74

Incident Energy (MeV)

69-Tm-150



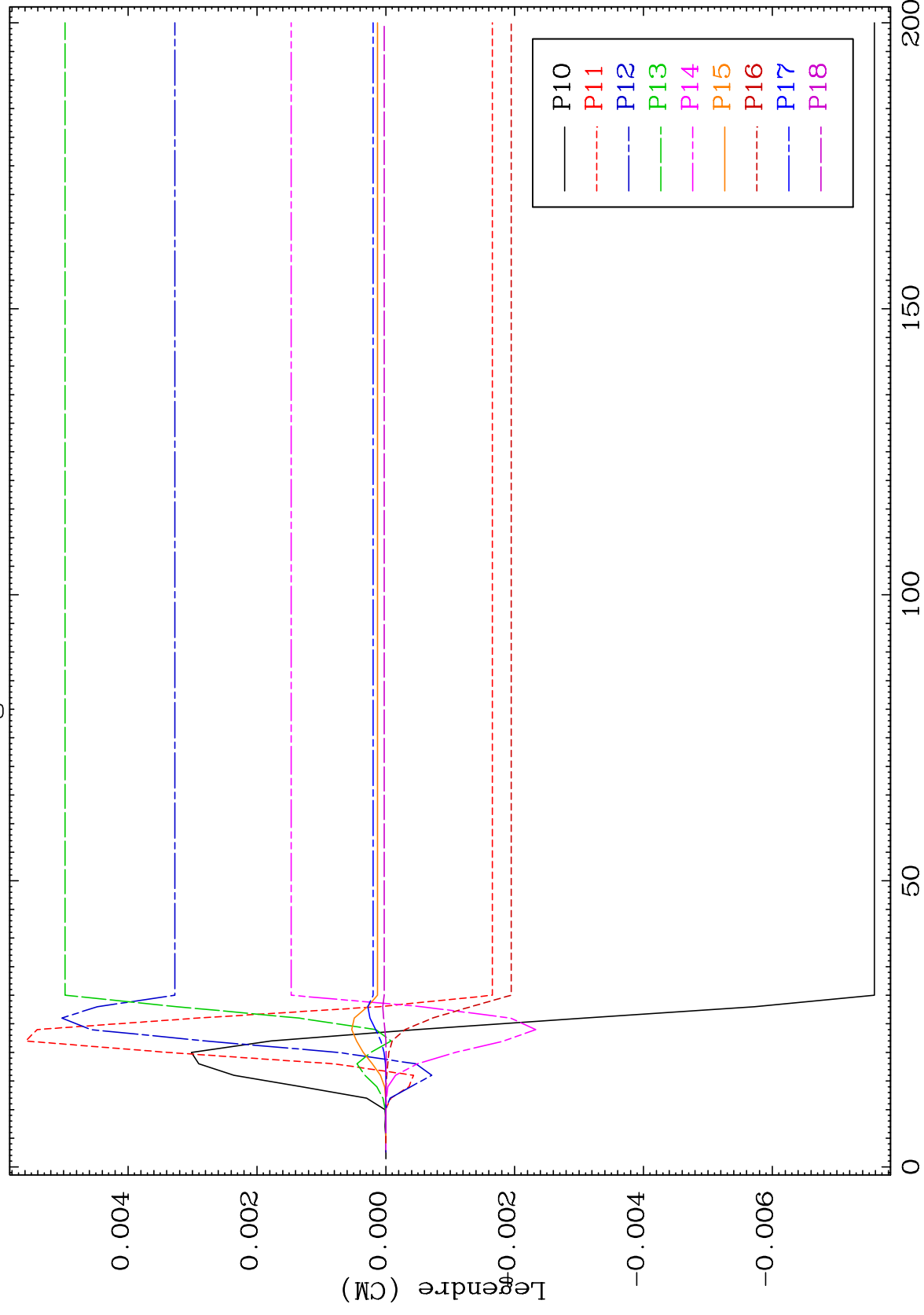




MAT 6868

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

69-Tm-150



78

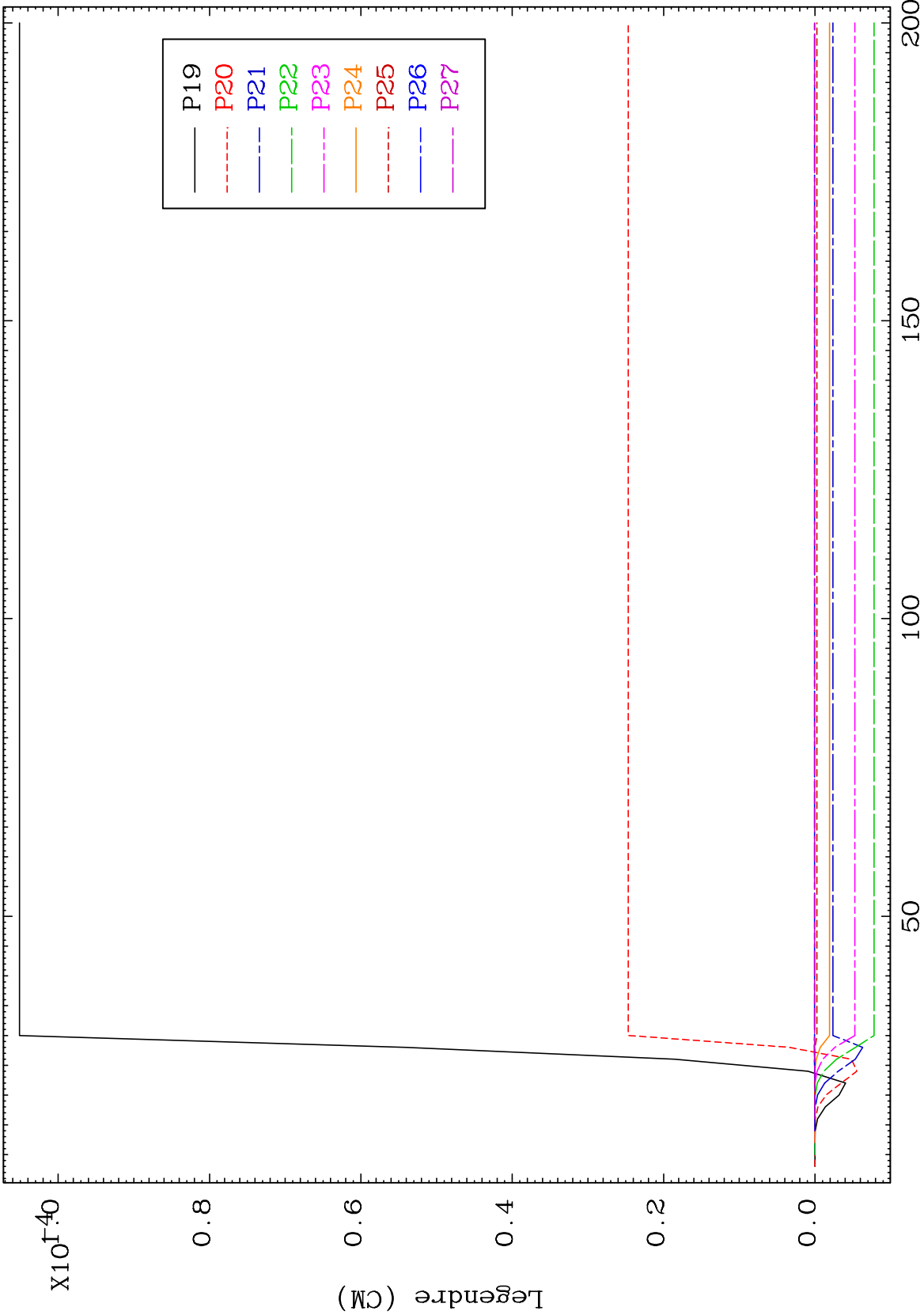
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



79

Incident Energy (MeV)

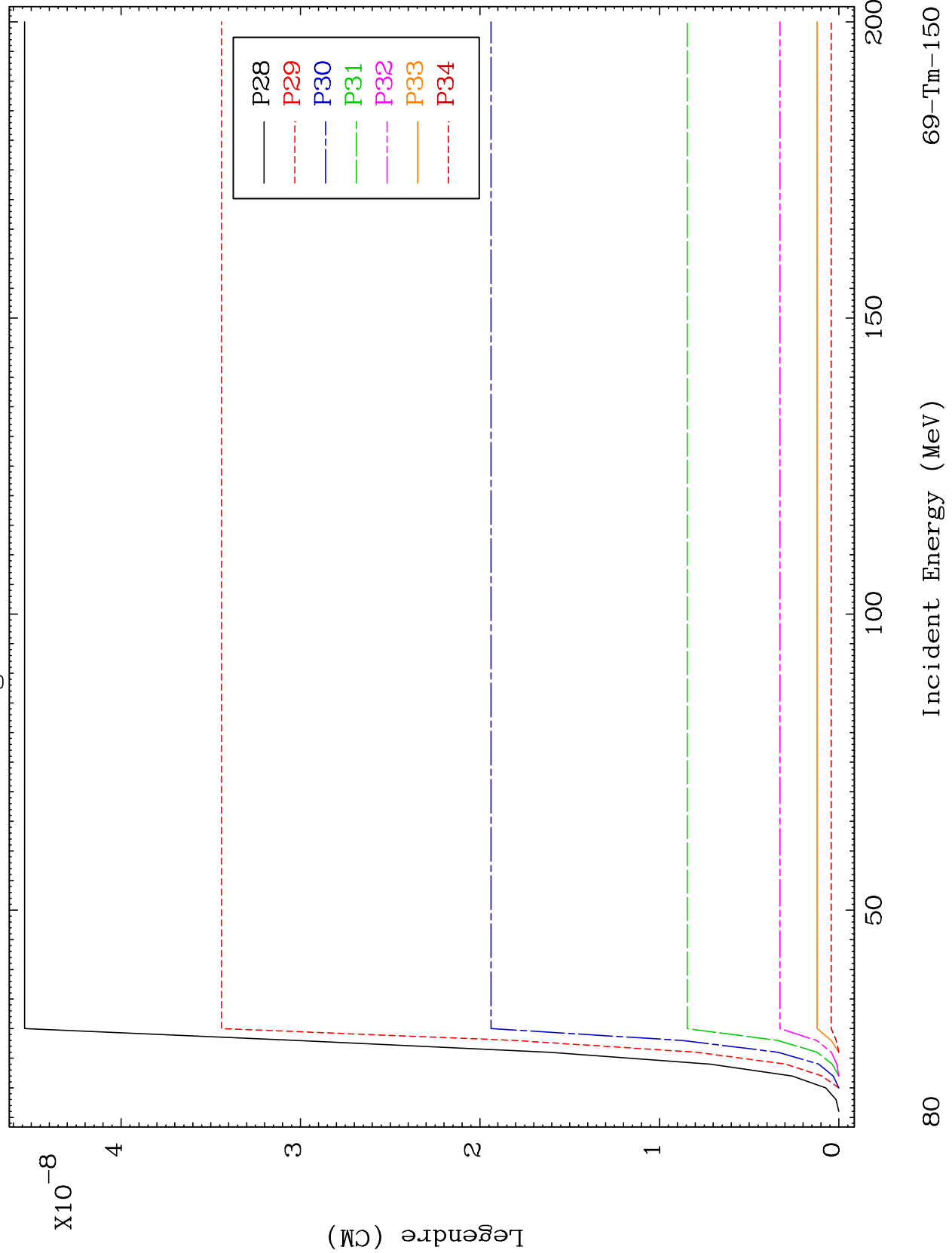
69-Tm-150



MAT 6868

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

69-Tm-150

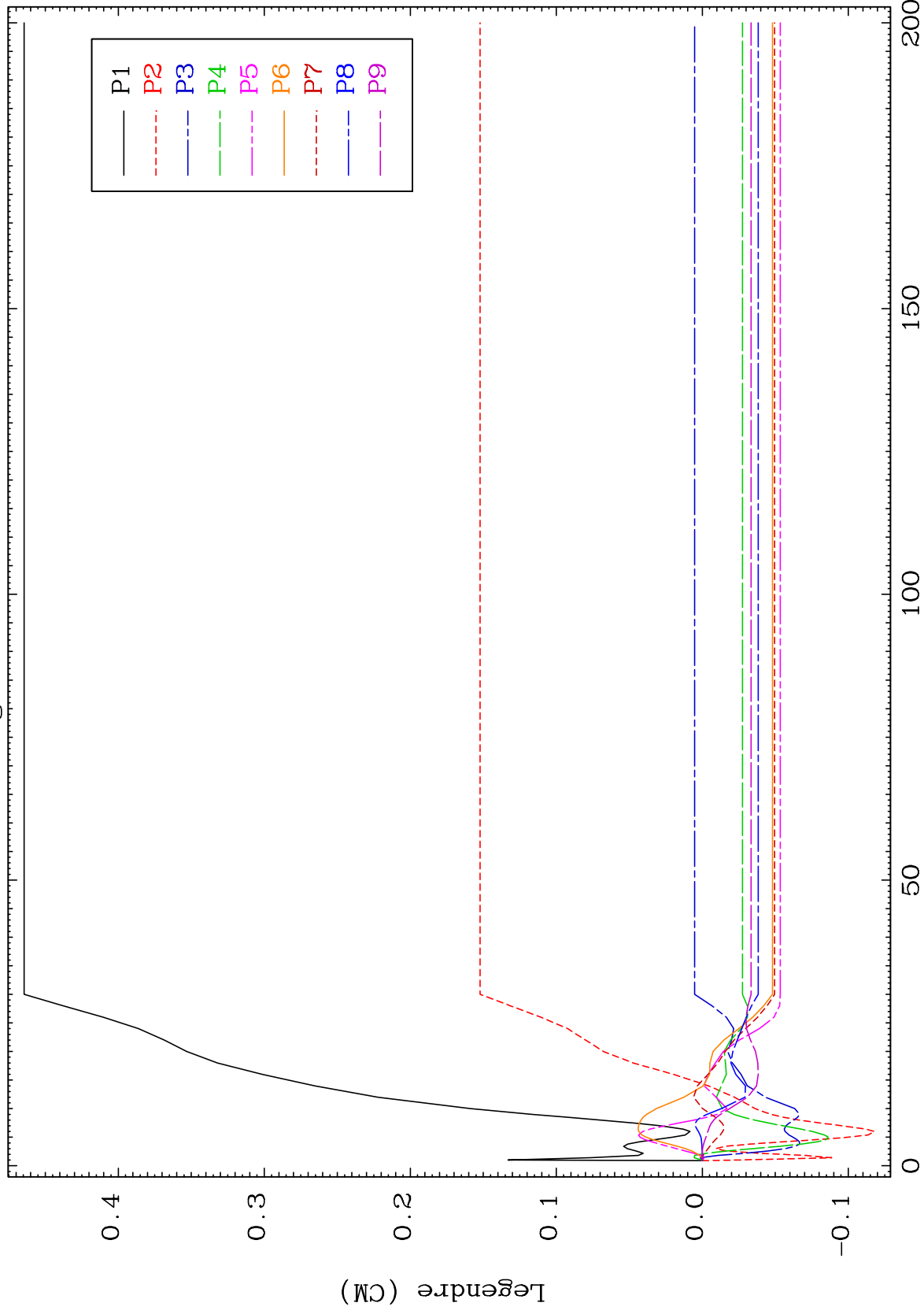


69-Tm-150

MAT 6868

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

69-Tm-150



81

Incident Energy (MeV)

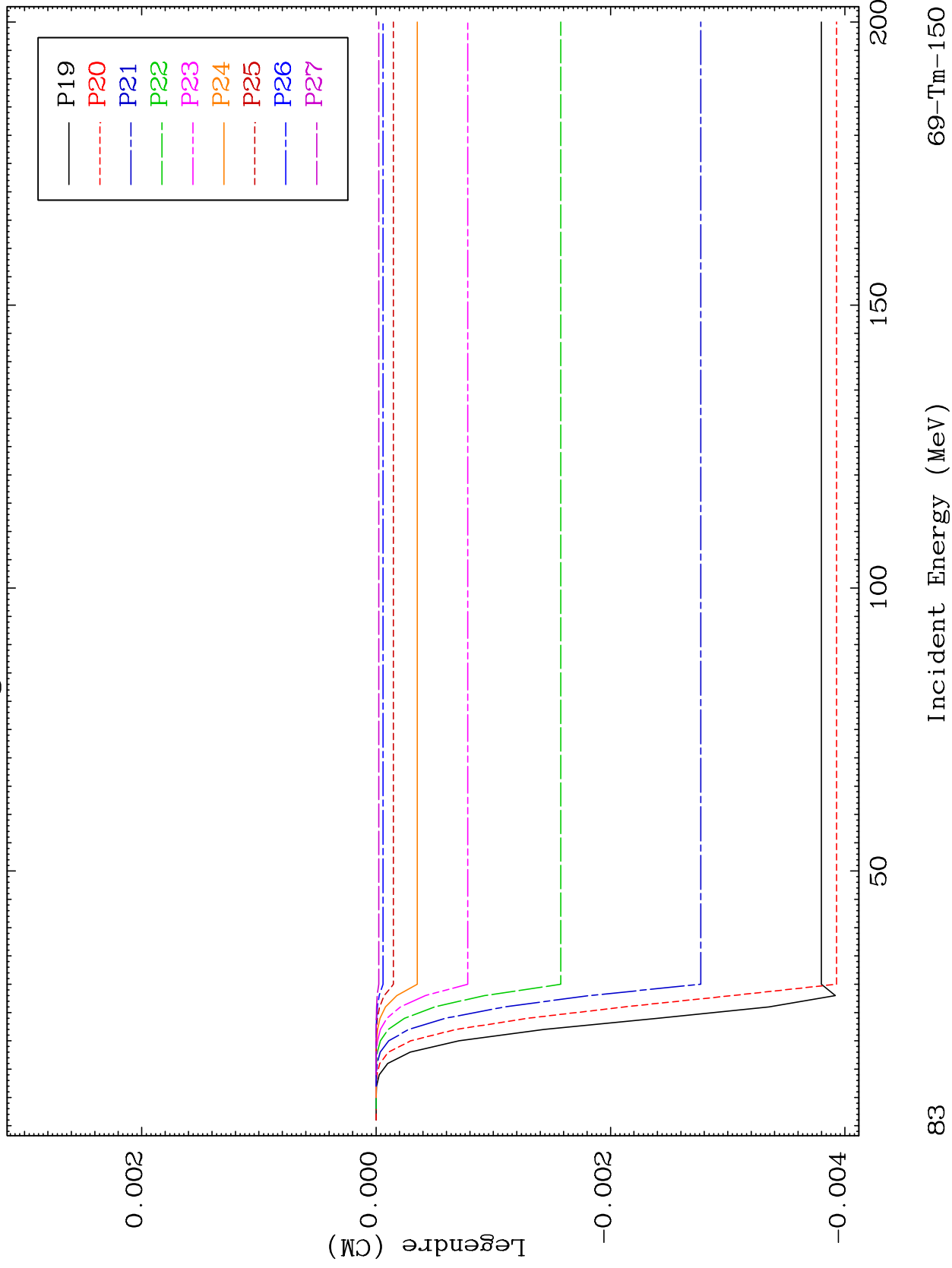
69-Tm-150



MAT 6868

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

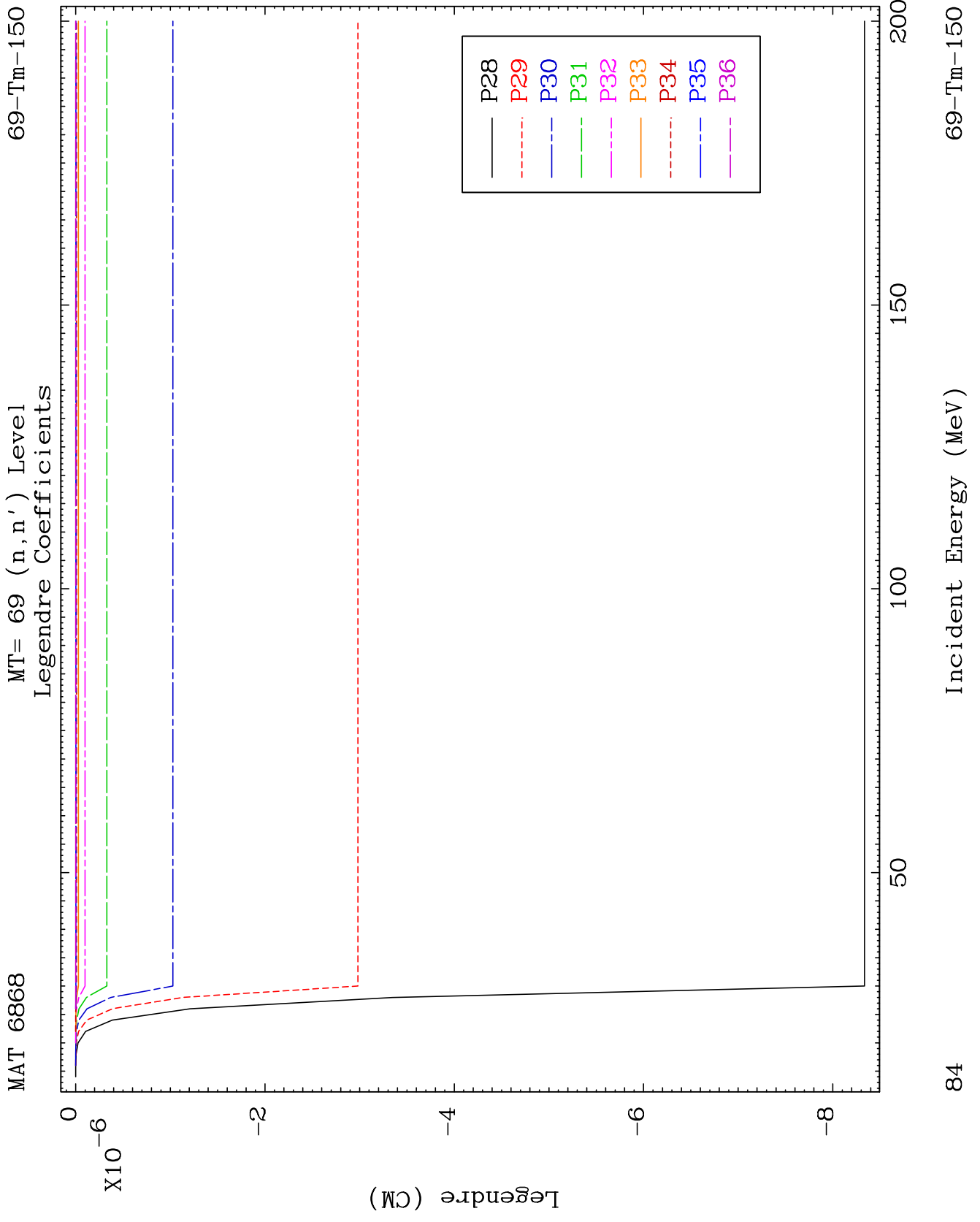
69-Tm-150



83

Incident Energy (MeV)

69-Tm-150

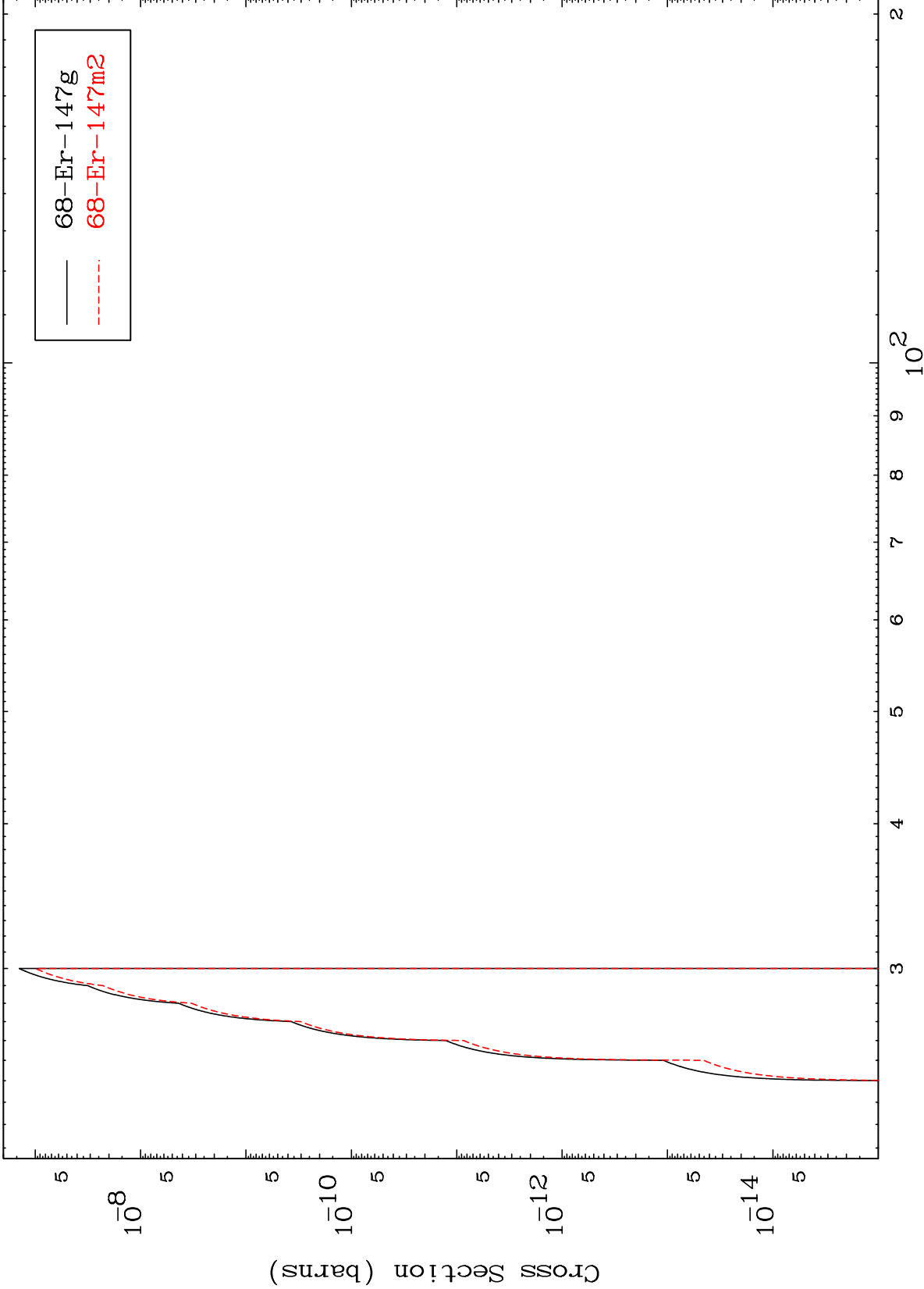


MAT 6868

(n,2n) d

69-Tm-150

Radionuclide Production Cross Section



85

Incident Energy (MeV)

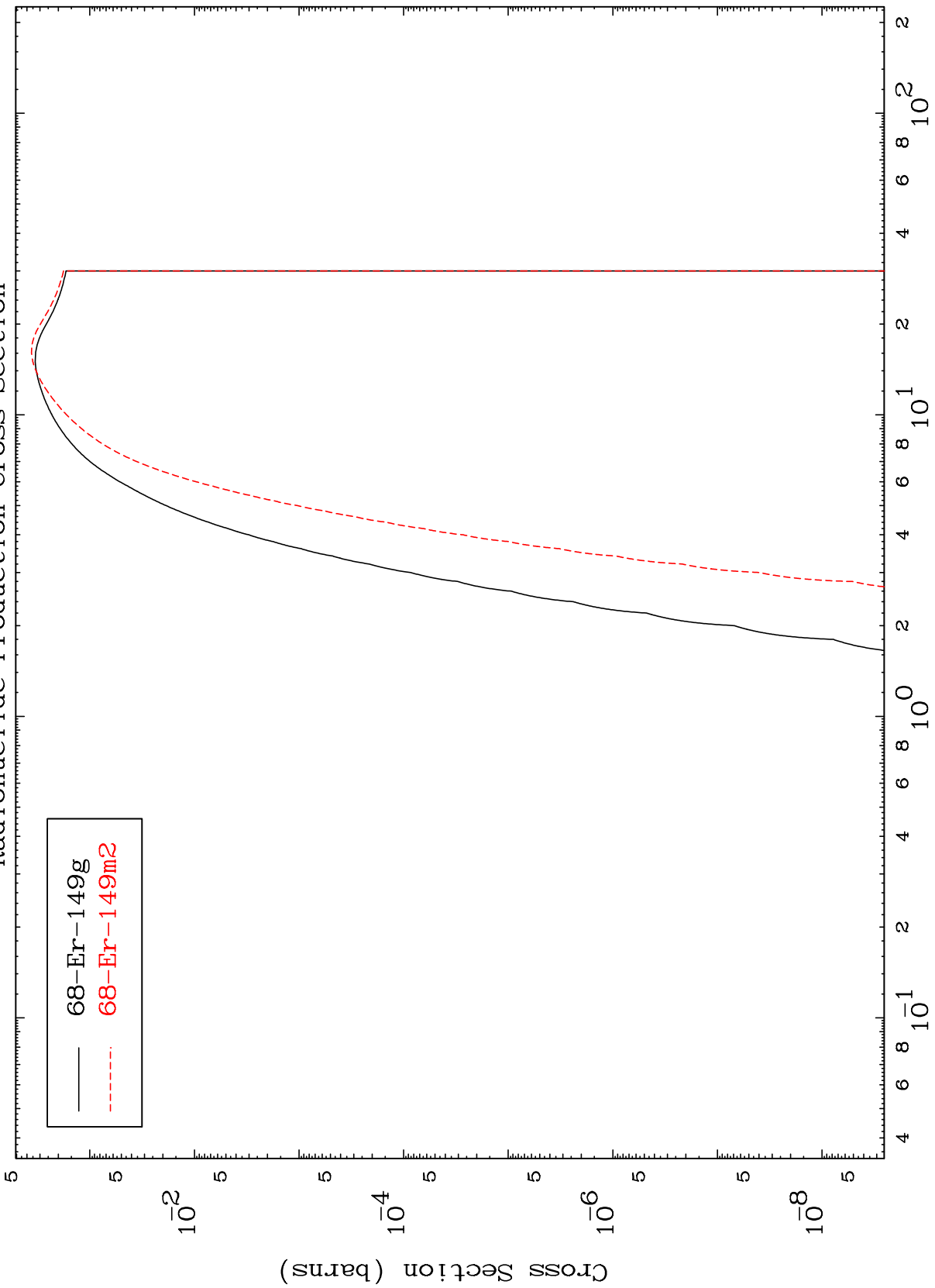
69-Tm-150

MAT 6868

(n,n') p

69-Tm-150

Radionuclide Production Cross Section



68-Er-149g  
68-Er-149m2

86

Incident Energy (MeV)

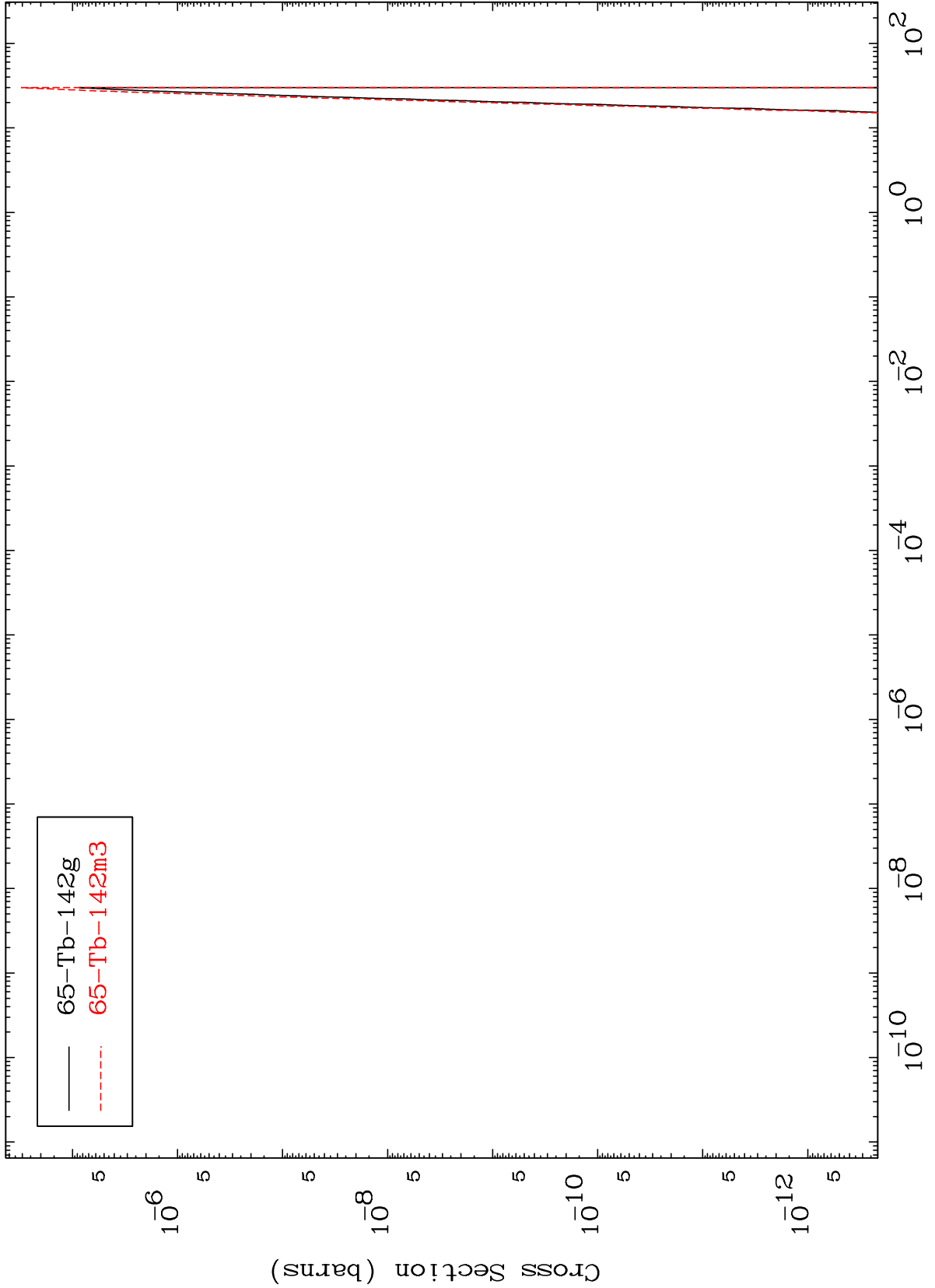
69-Tm-150

MAT 6868

(n,n') 2α

69-Tm-150

Radionuclide Production Cross Section



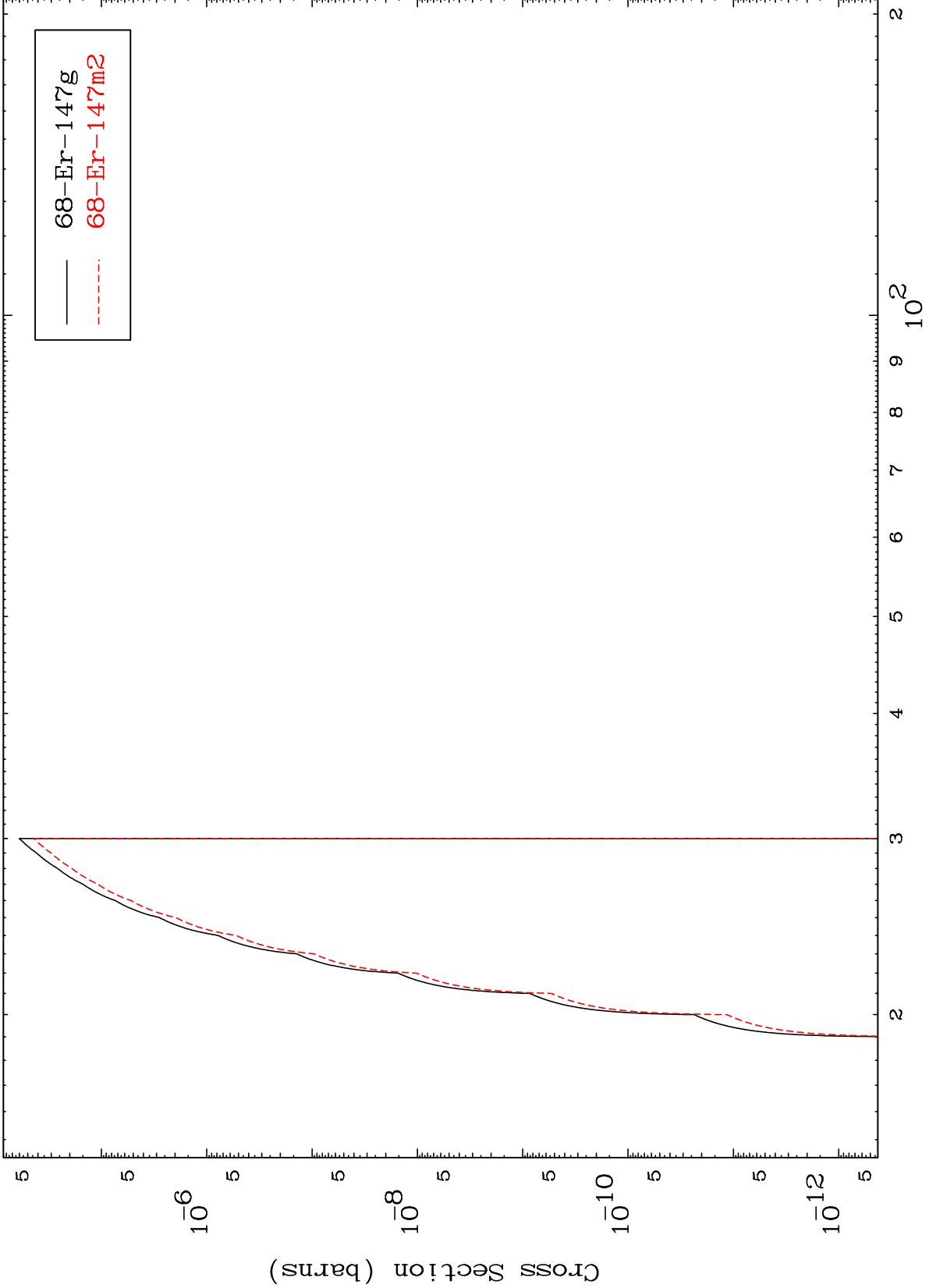


MAT 6868

(n,n') t

69-Tm-150

Radionuclide Production Cross Section



88

Incident Energy (MeV)

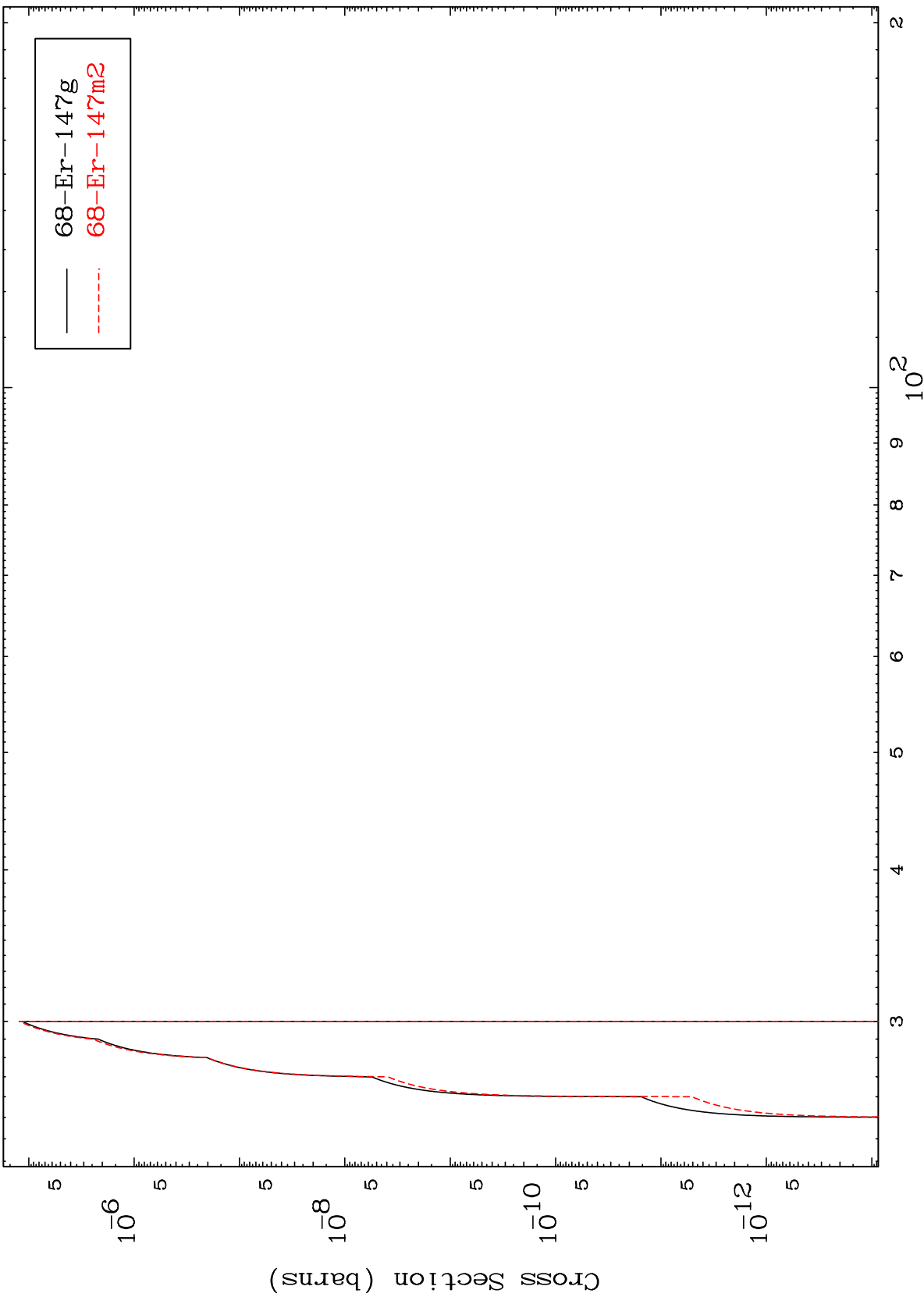
69-Tm-150

MAT 6868

(n,3n) p

69-Tm-150

Radionuclide Production Cross Section



68-Er-147g  
68-Er-147m2

89

Incident Energy (MeV)

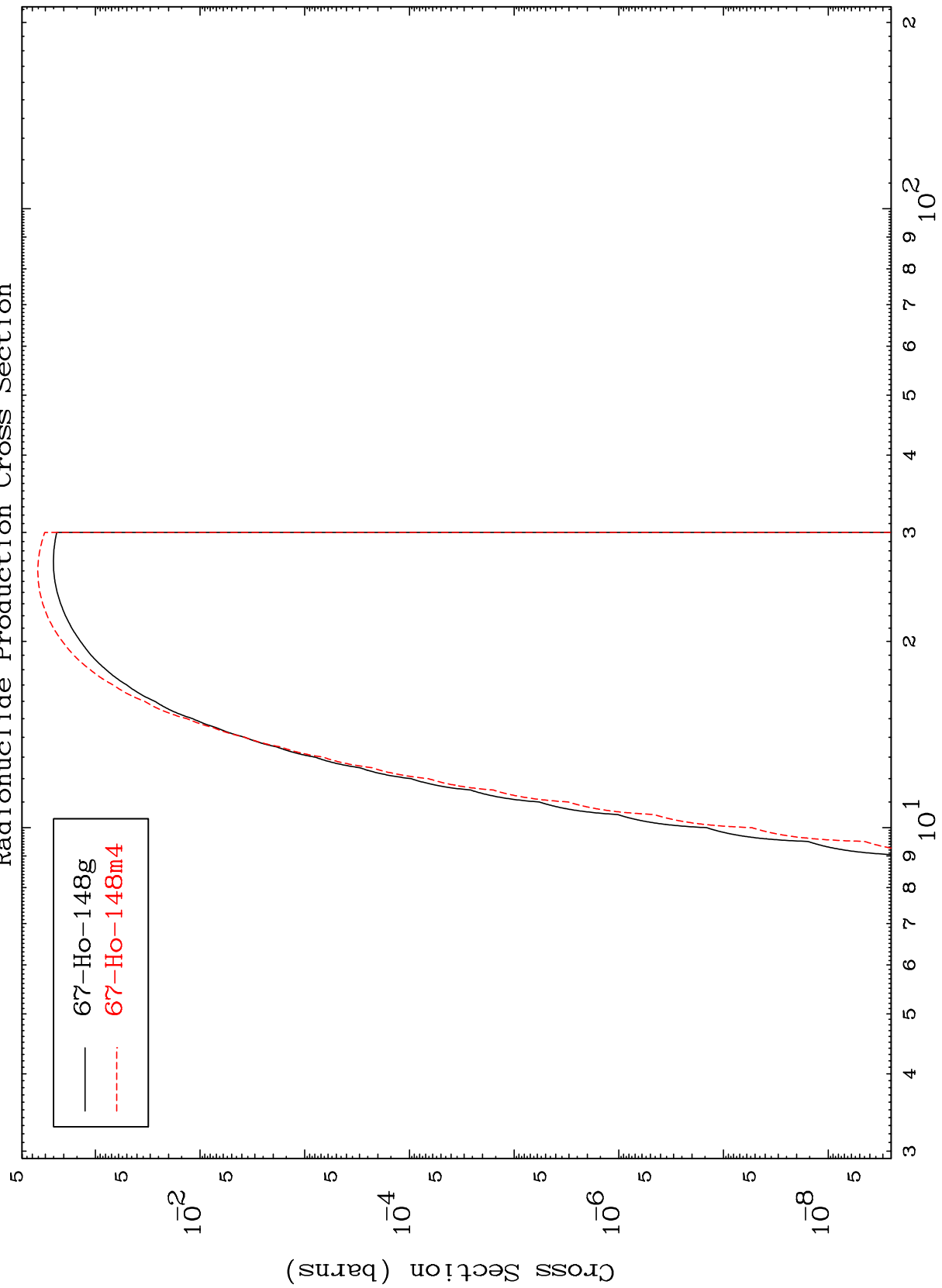
69-Tm-150

MAT 6868

(n,2n) p

69-Tm-150

Radionuclide Production Cross Section



67-Ho-148g  
67-Ho-148m4

90

Incident Energy (MeV)

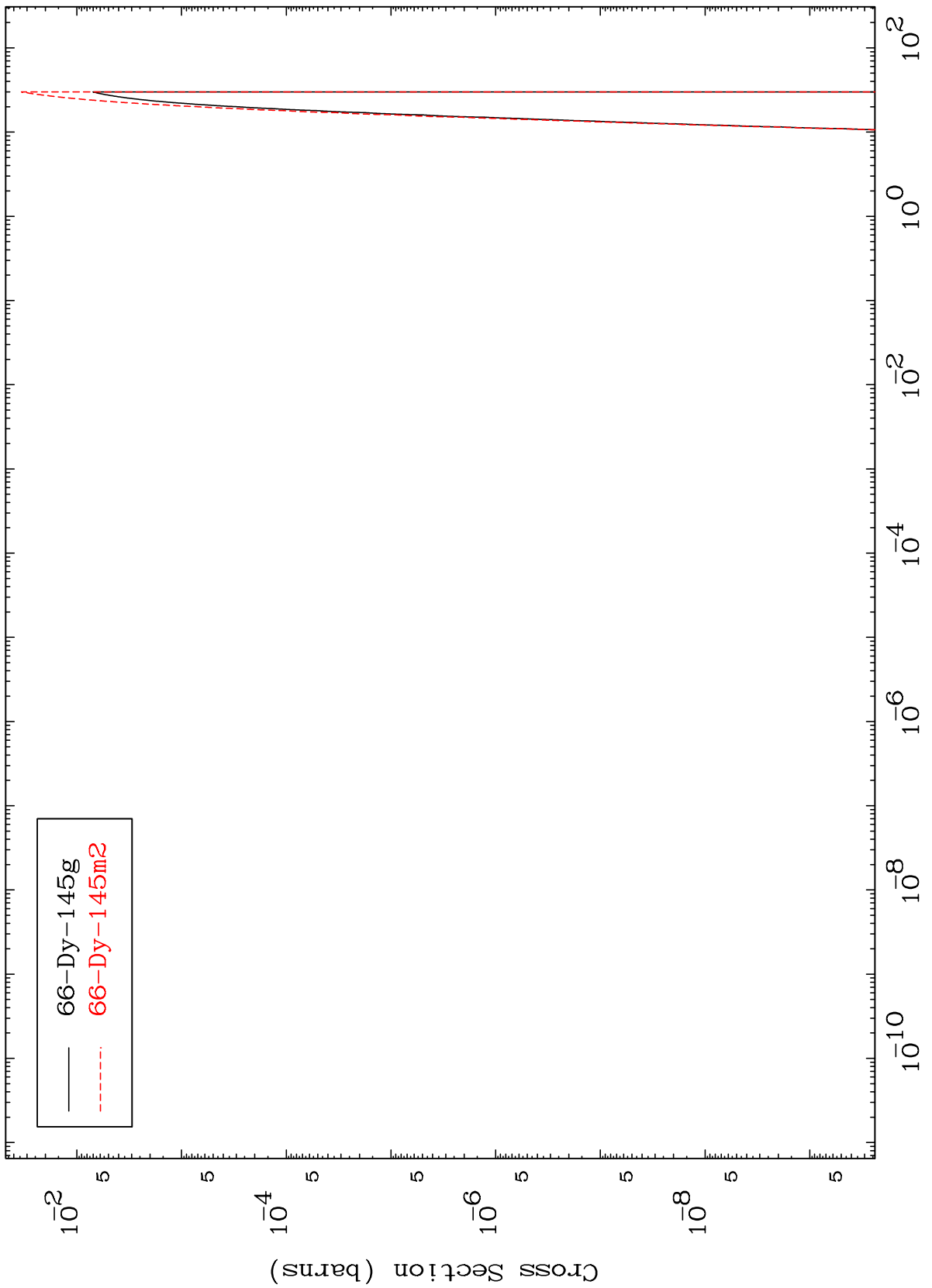
69-Tm-150

MAT 6868

(n,n') p  $\alpha$

69-Tm-150

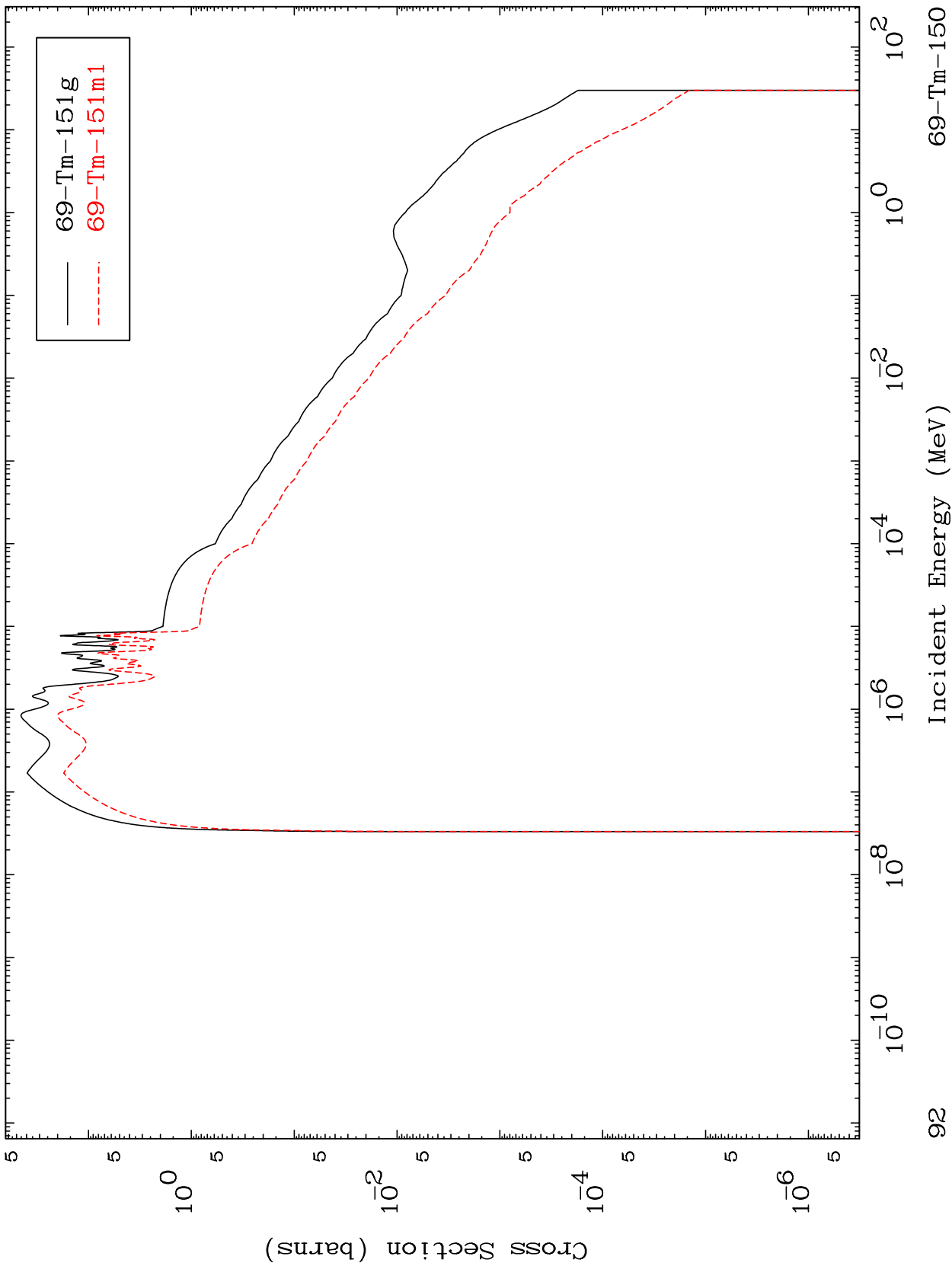
Radionuclide Production Cross Section



MAT 6868

69-Tm-150

(n,  $\gamma$ )  
Radionuclide Production Cross Section

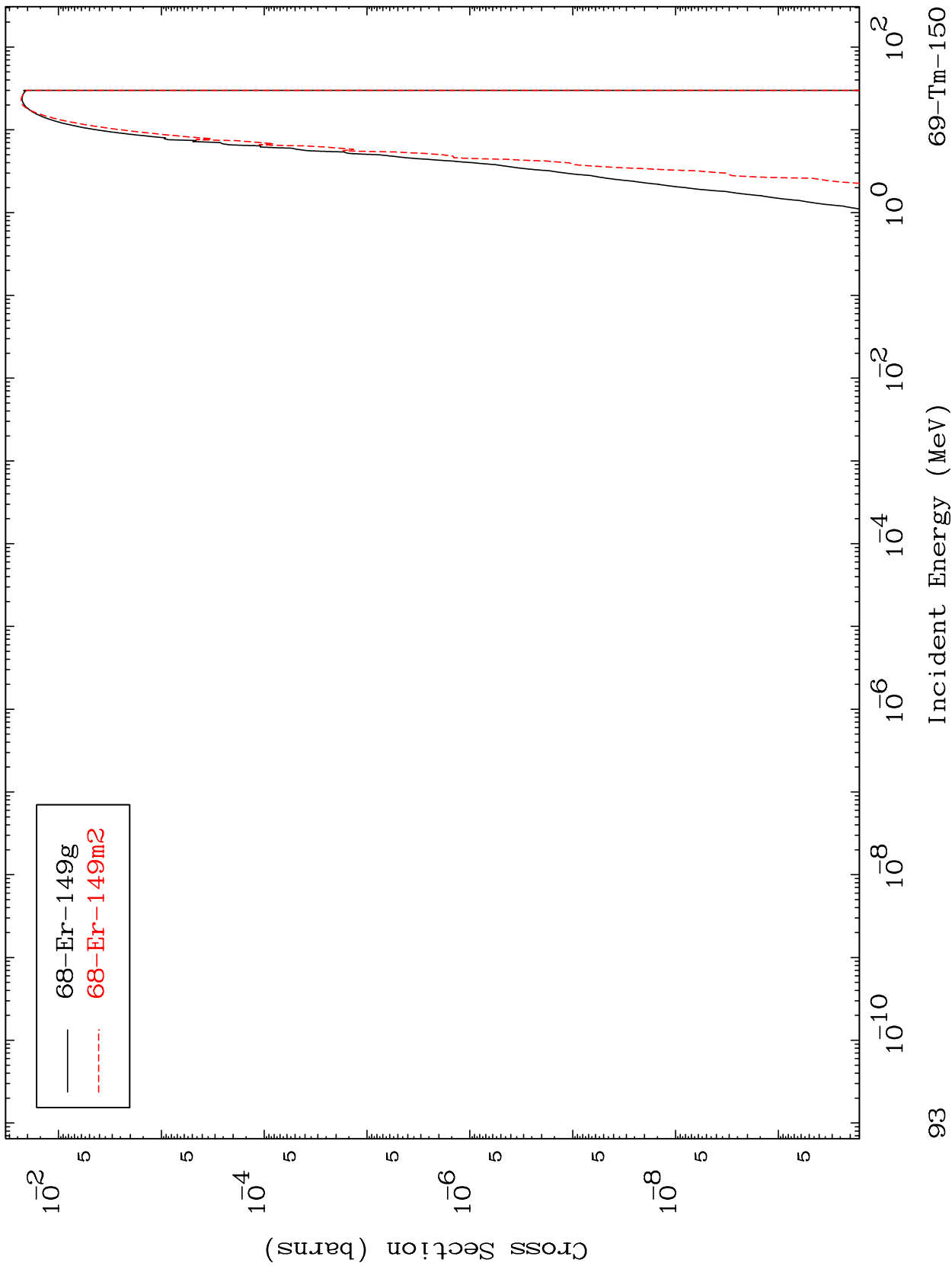


MAT 6868

(n,d)

69-Tm-150

Radionuclide Production Cross Section



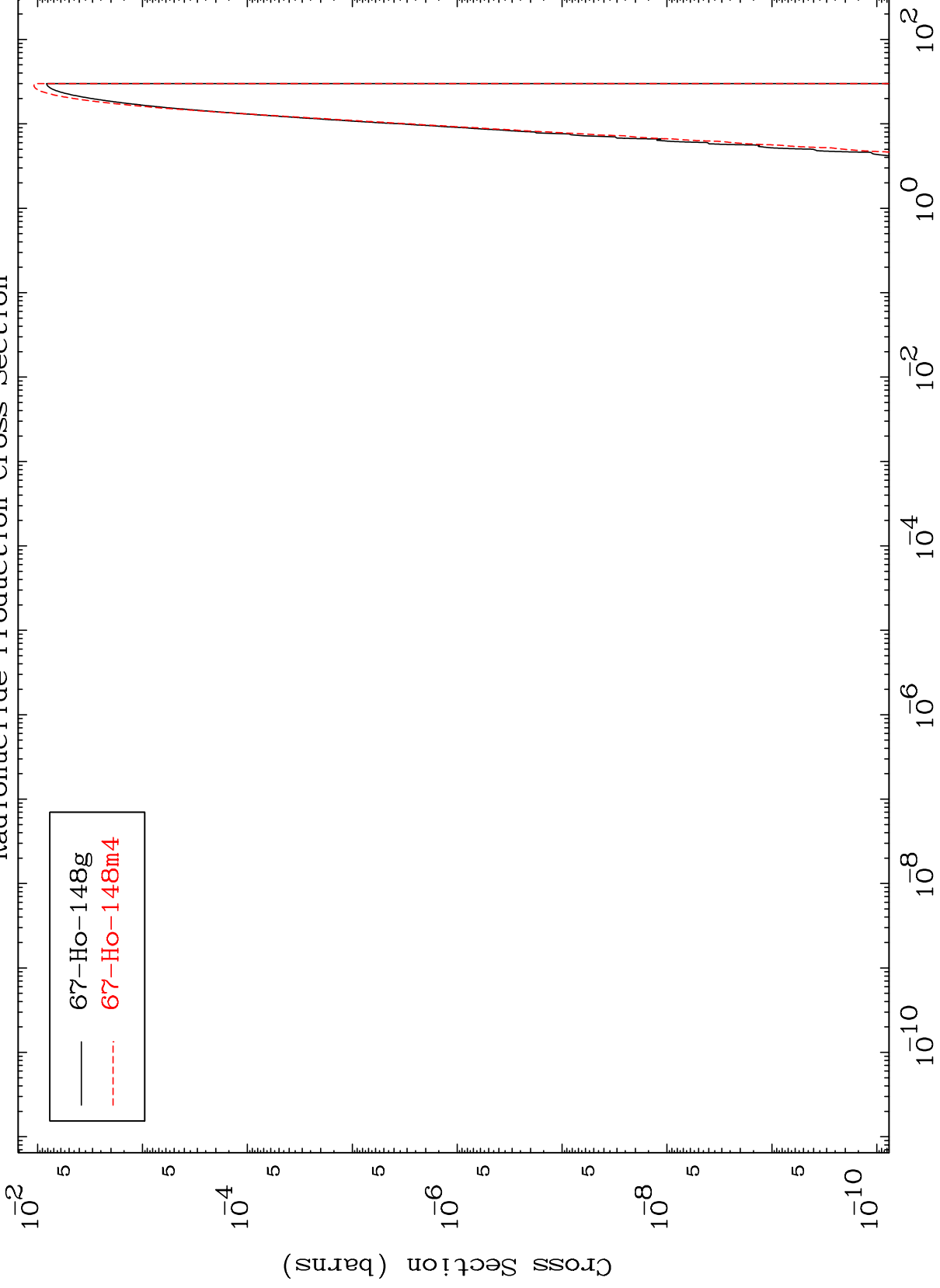
68-Er-149g  
68-Er-149m2

MAT 6868

(n,He-3)

69-Tm-150

Radionuclide Production Cross Section

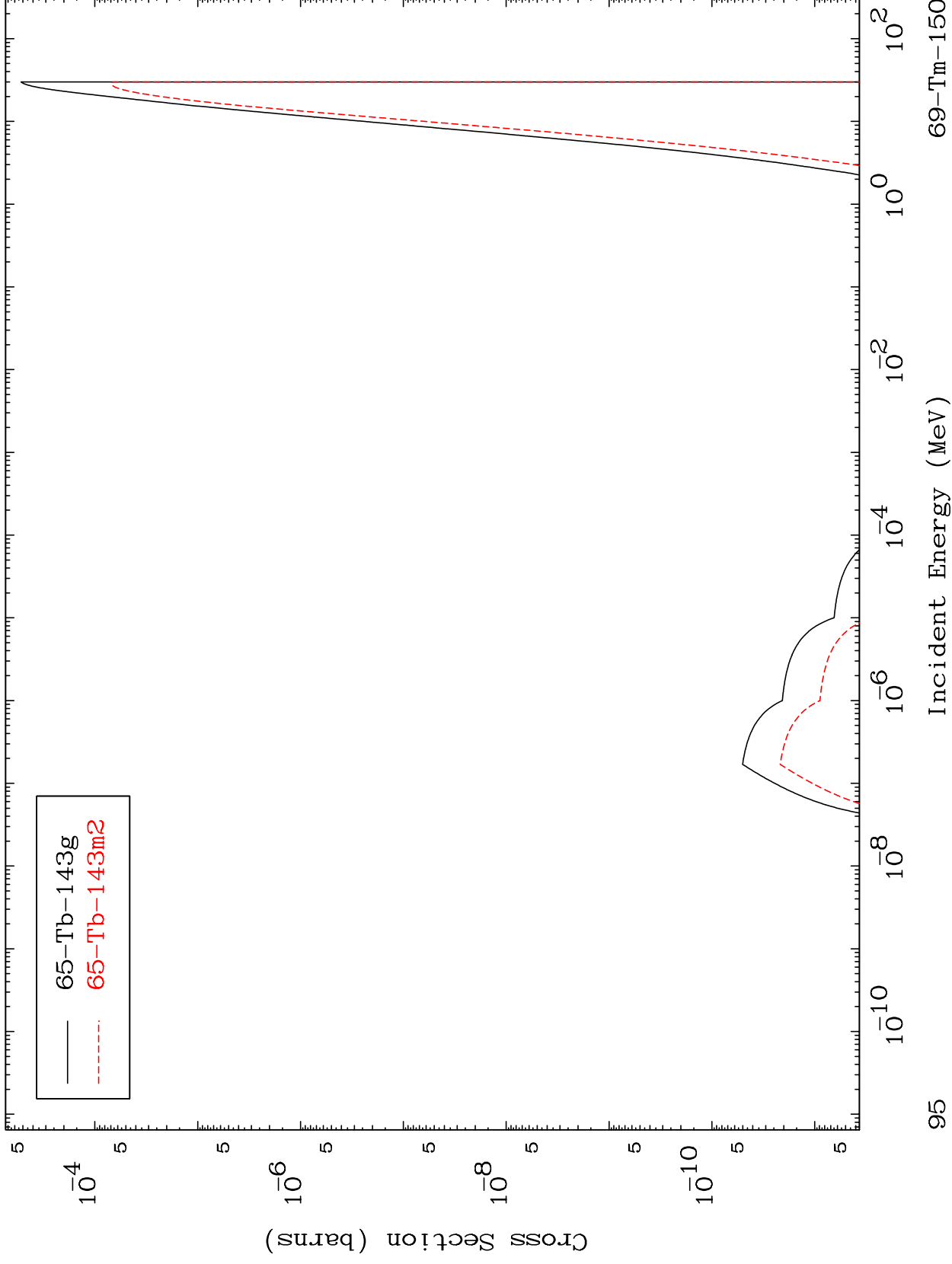


MAT 6868

(n,2α)

69-Tm-150

Radionuclide Production Cross Section



95

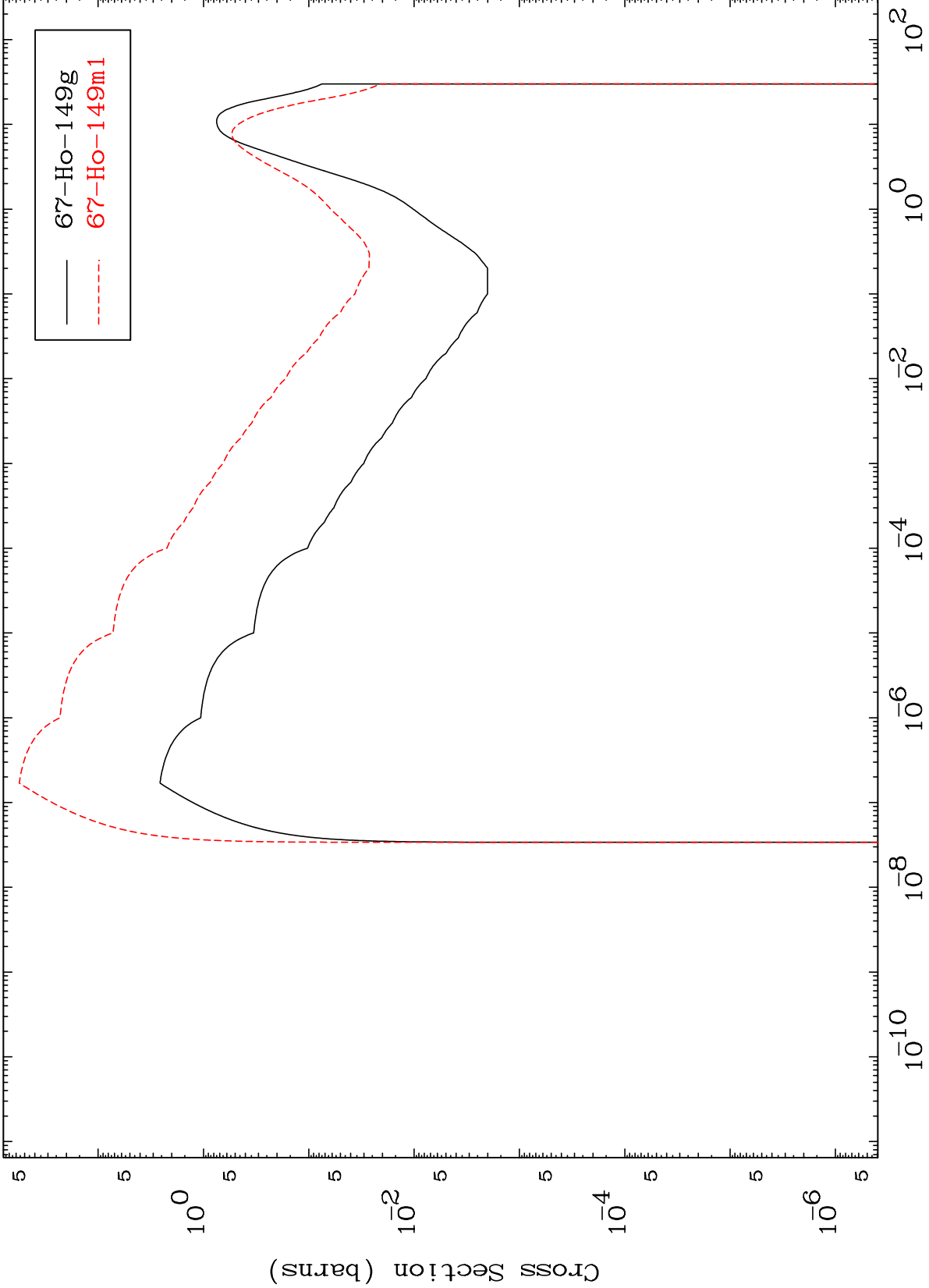


MAT 6868

(n,2p)

69-Tm-150

Radionuclide Production Cross Section



— 67-Ho-149g  
- - - 67-Ho-149m1

96

Incident Energy (MeV)

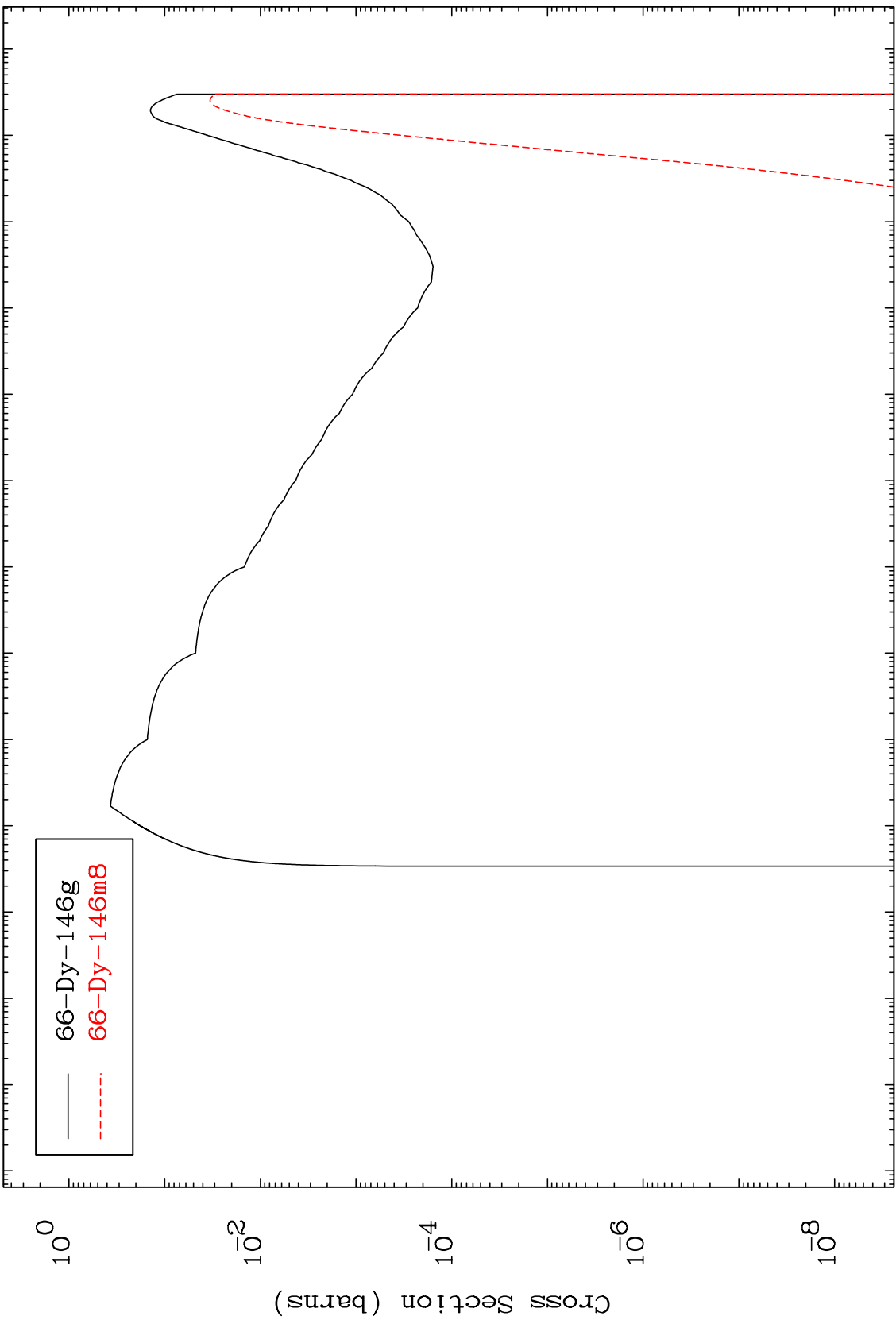
69-Tm-150

MAT 6868

(n,p)  $\alpha$

69-Tm-150

Radionuclide Production Cross Section



69-Tm-150

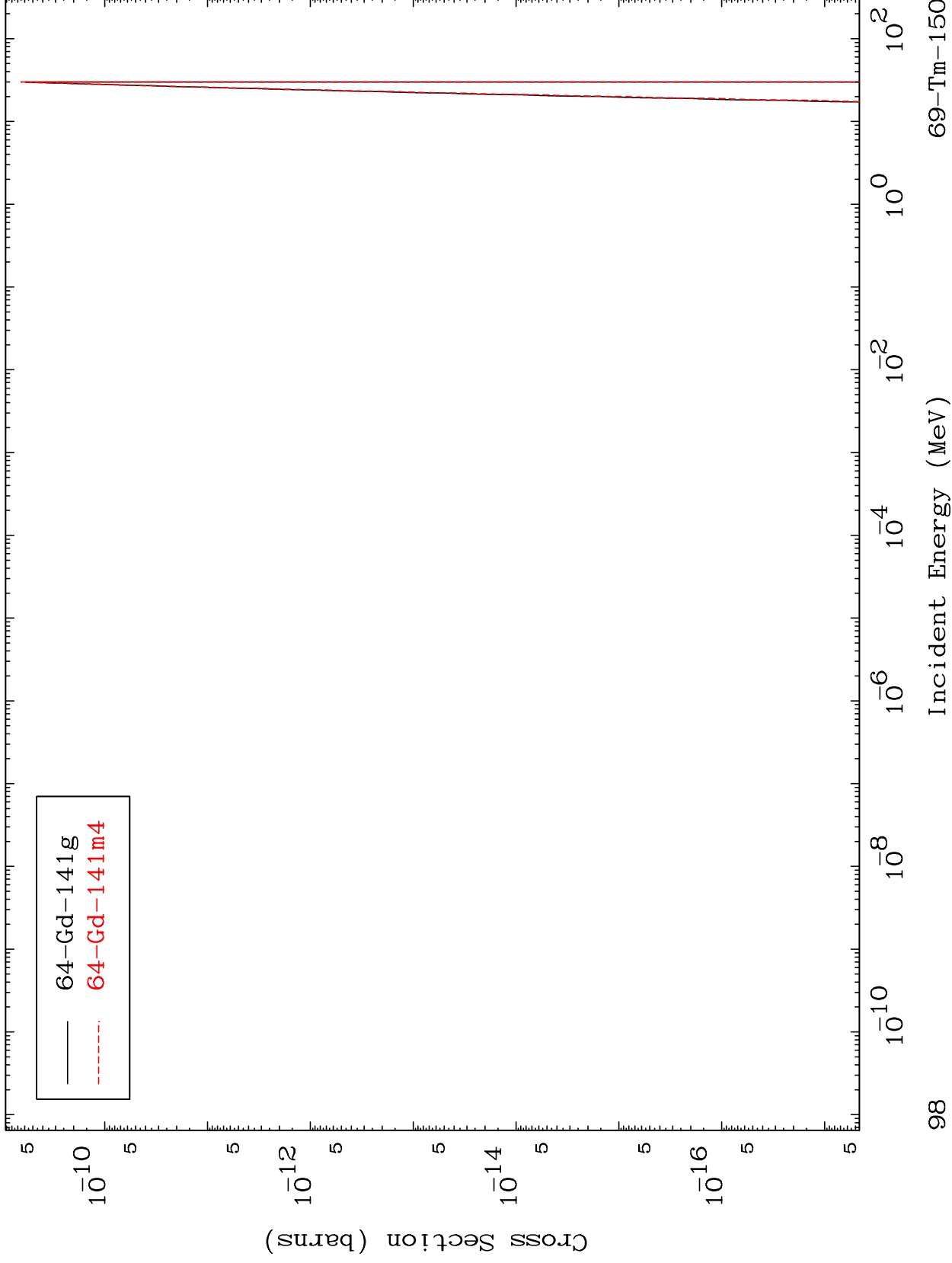
Incident Energy (MeV)

MAT 6868

(n,d) 2 $\alpha$

69-Tm-150

Radionuclide Production Cross Section



98

Incident Energy (MeV)

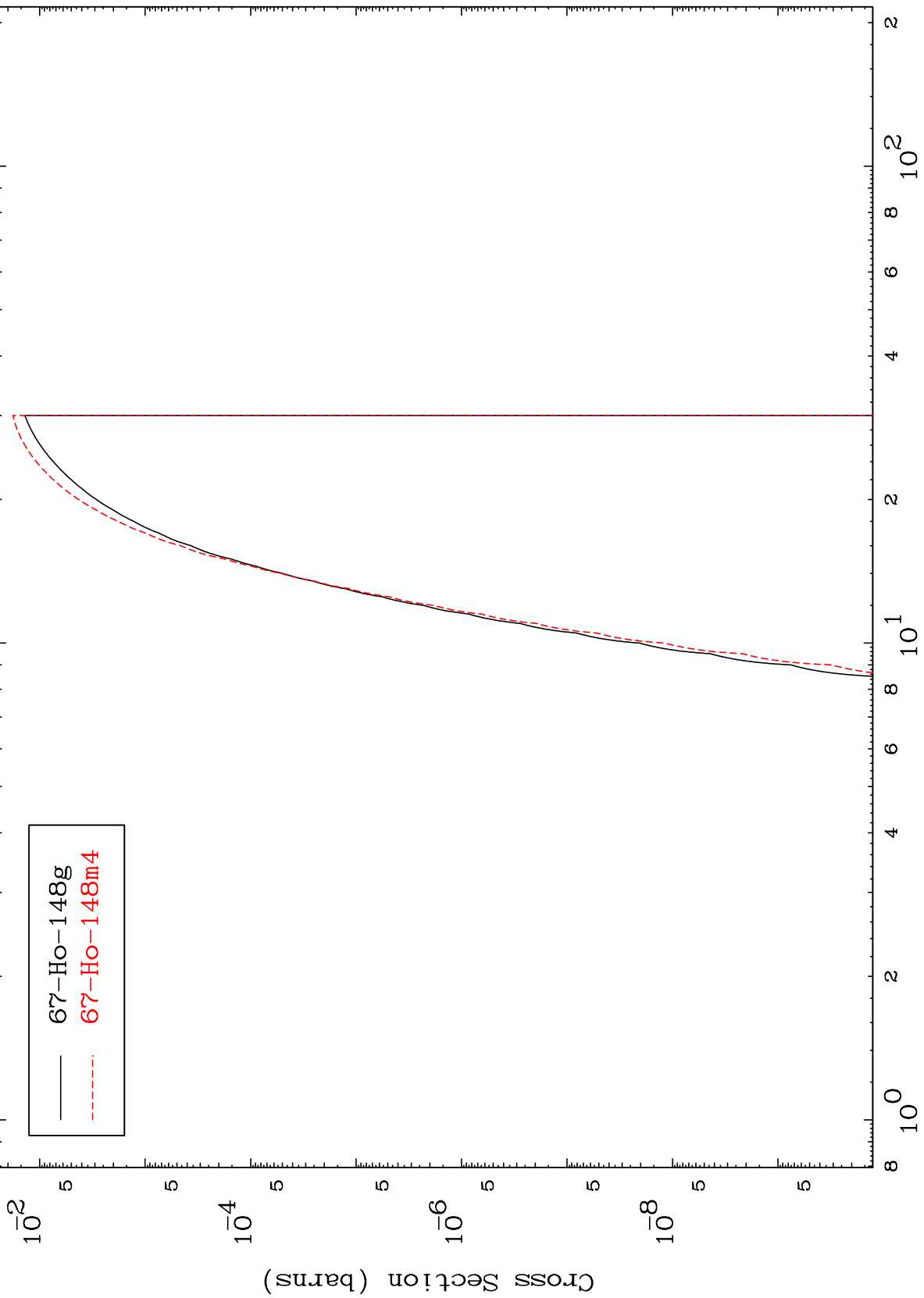
69-Tm-150

MAT 6868

(n,p) d

69-Tm-150

Radionuclide Production Cross Section



99

Incident Energy (MeV)

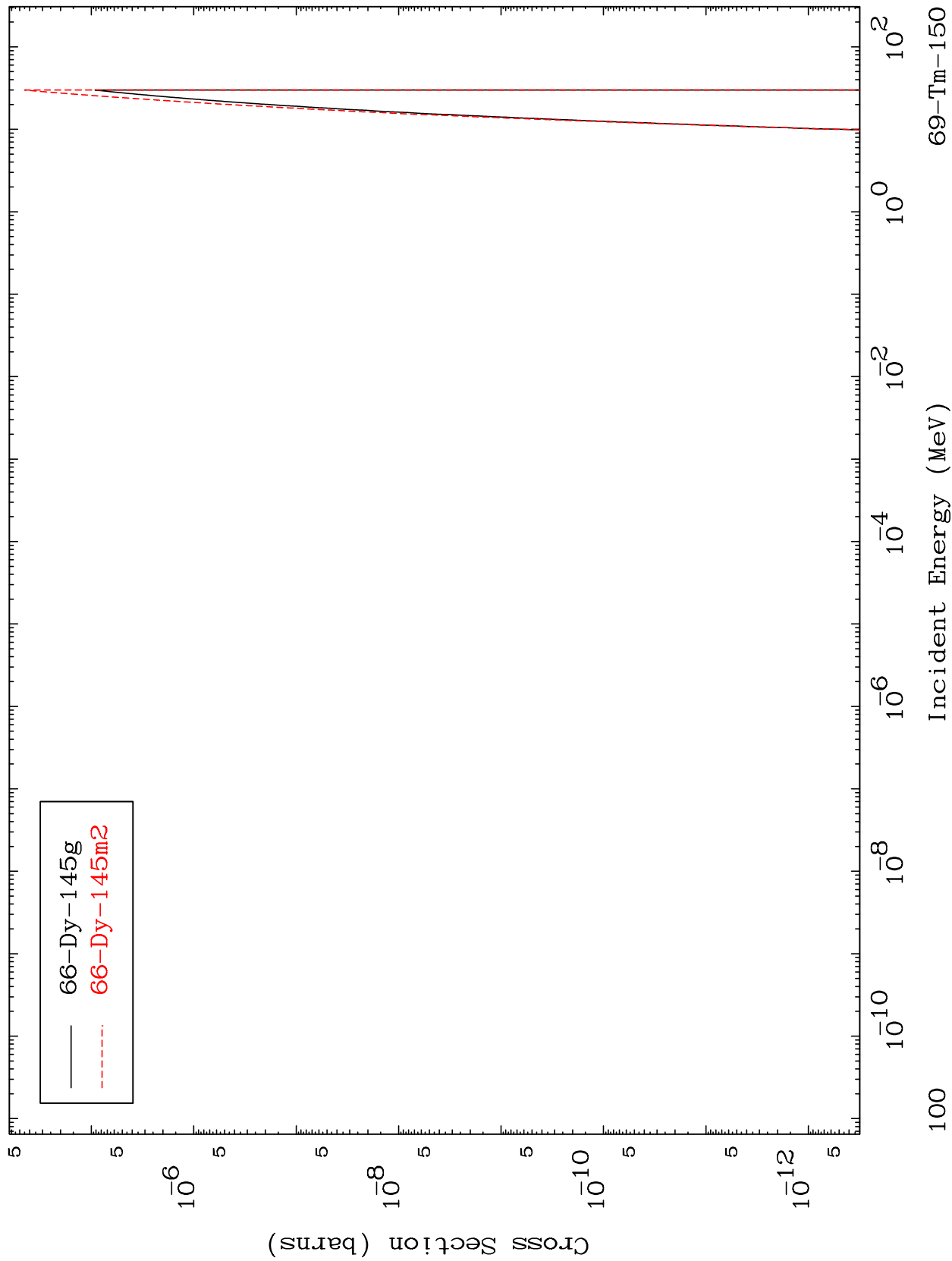
69-Tm-150

MAT 6868

(n,d)  $\alpha$

69-Tm-150

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

100

Incident Energy (MeV)

69-Tm-150