

Program EVALPLOT
(Version 2021-1)

by

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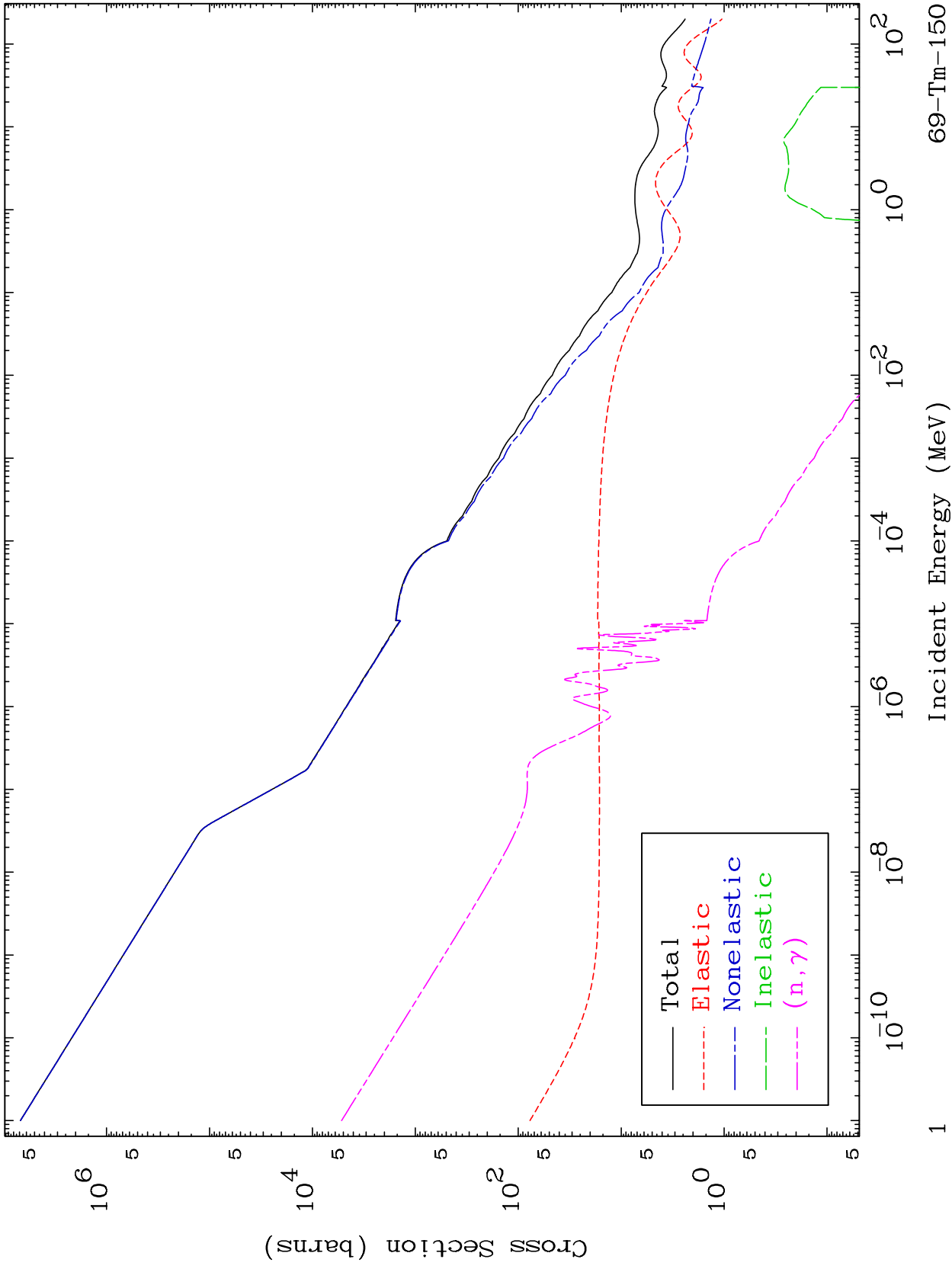
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6868

Neutron Major
293 Kelvin Cross Sections

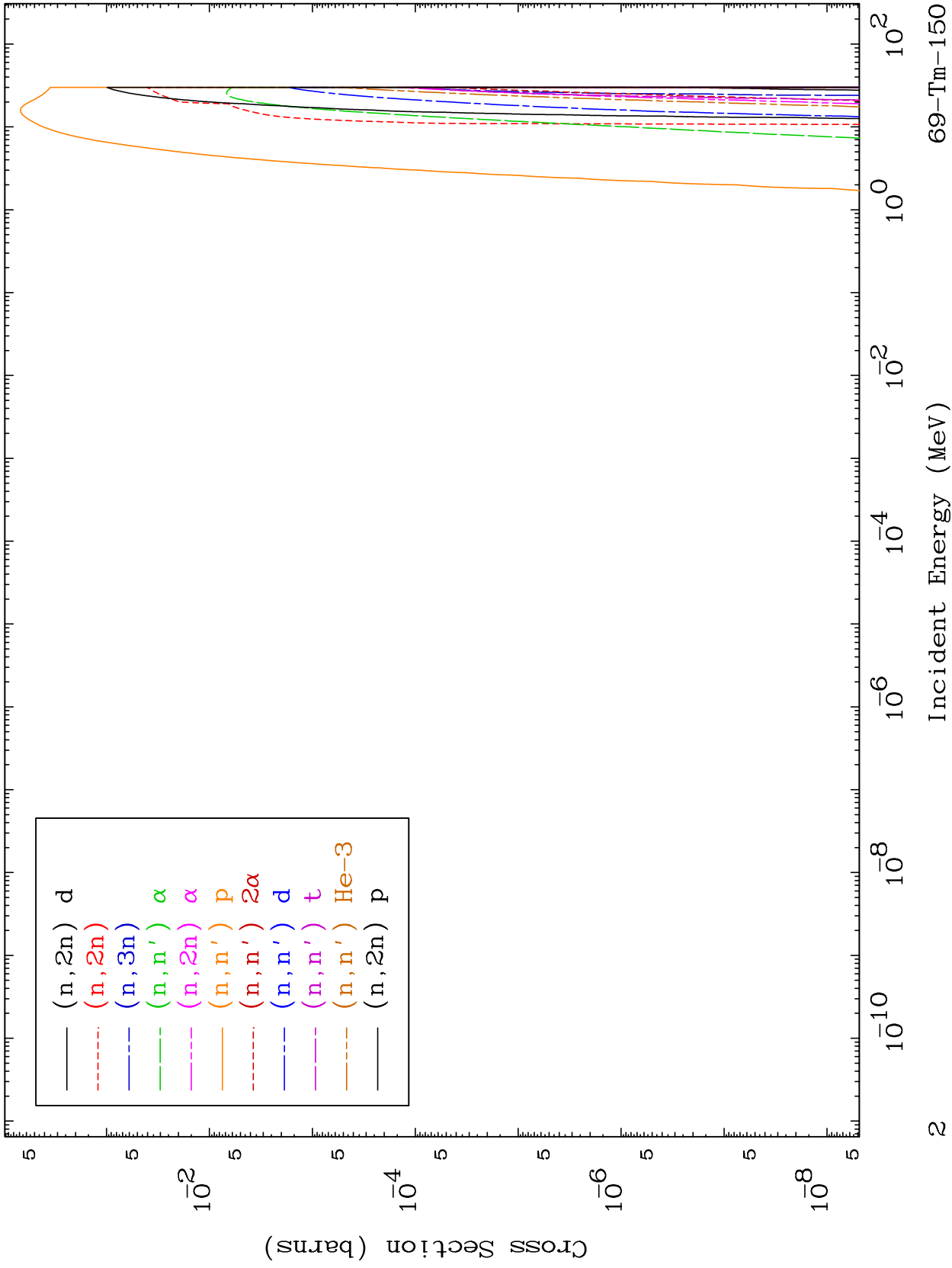
69-Tm-150



MAT 6868

Neutron Absorption
293 Kelvin Cross Sections

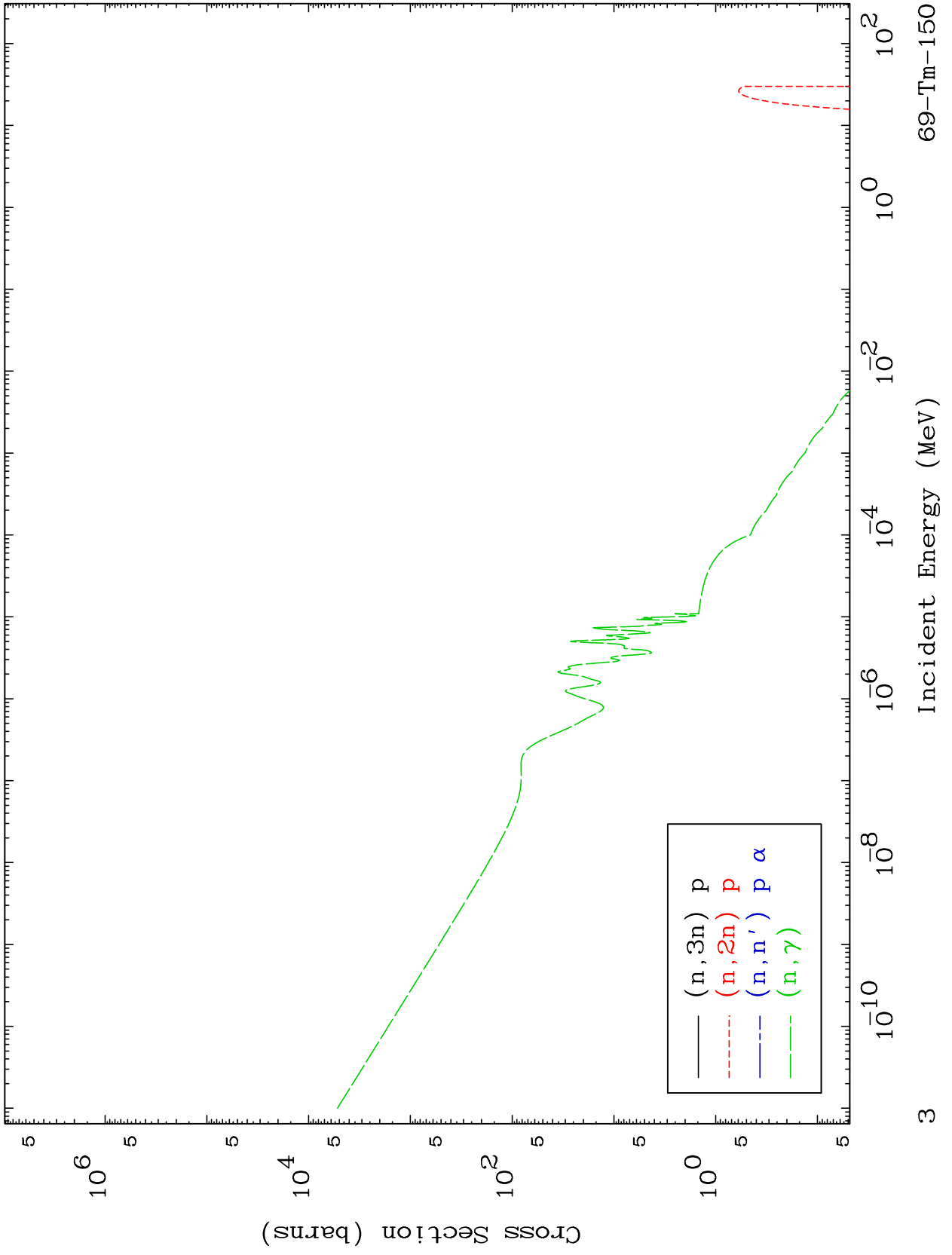
69-Tm-150



MAT 6868

Neutron Absorption
293 Kelvin Cross Sections

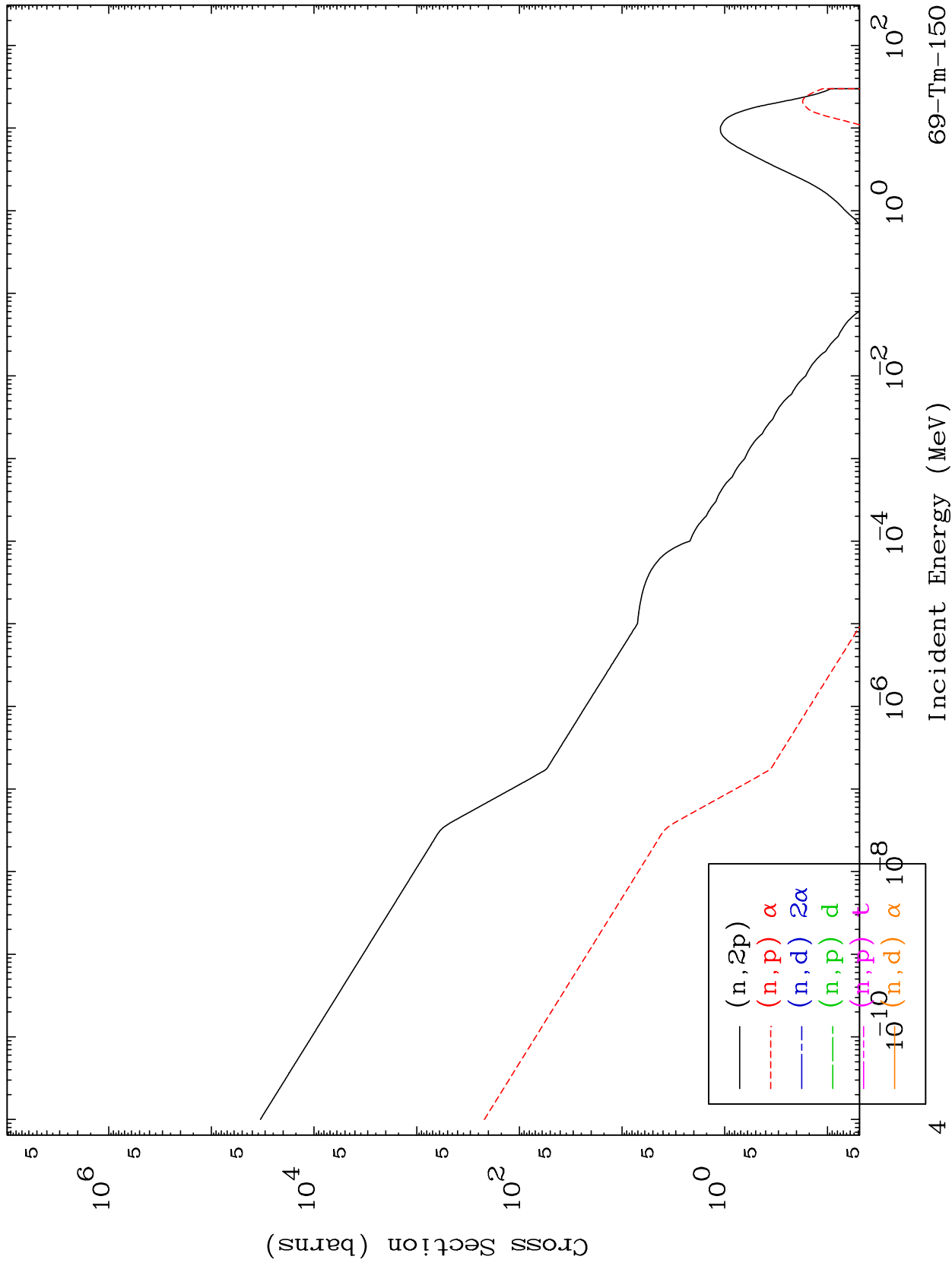
69-Tm-150



MAT 6868

Neutron Absorption
293 Kelvin Cross Sections

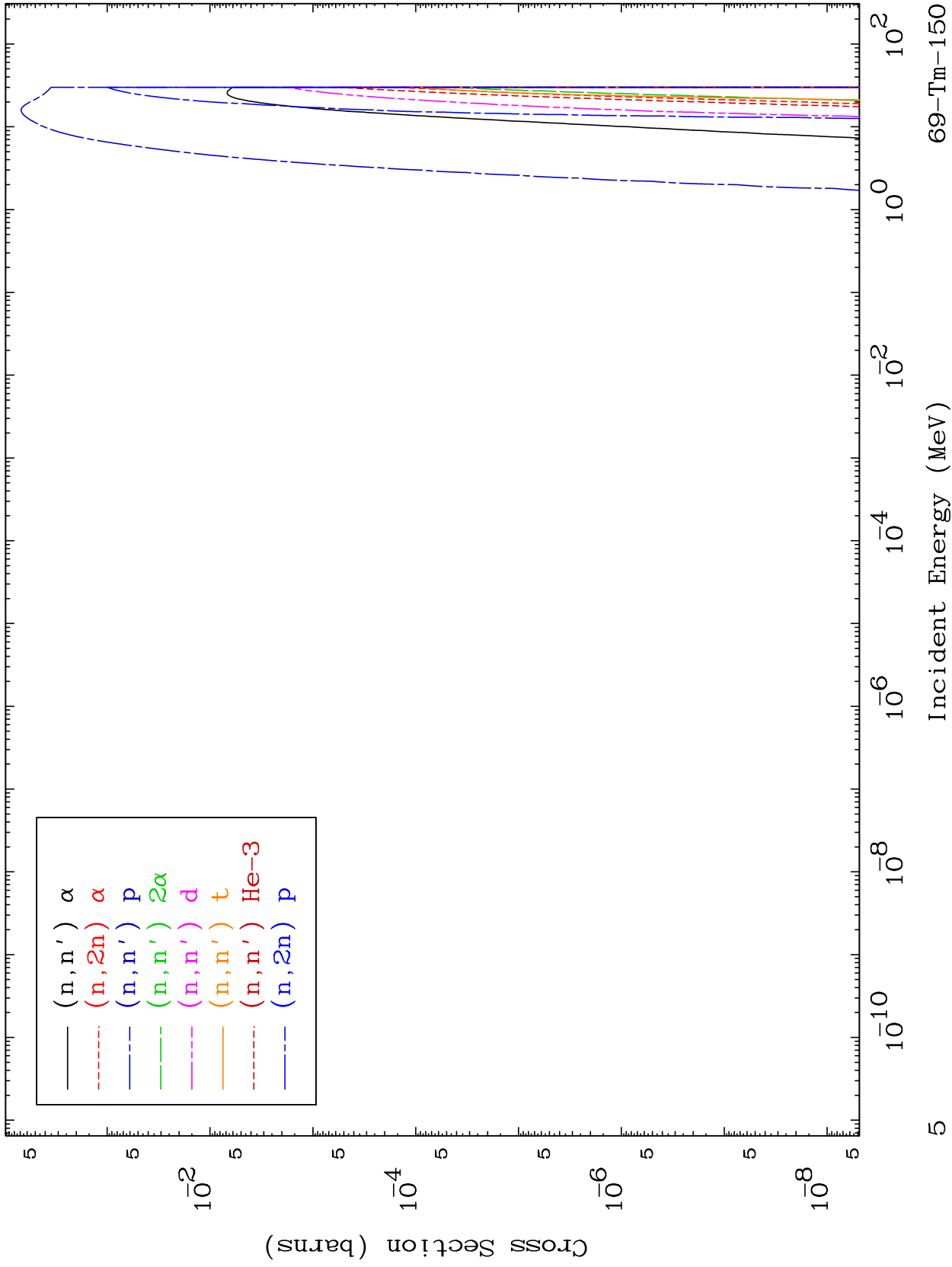
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

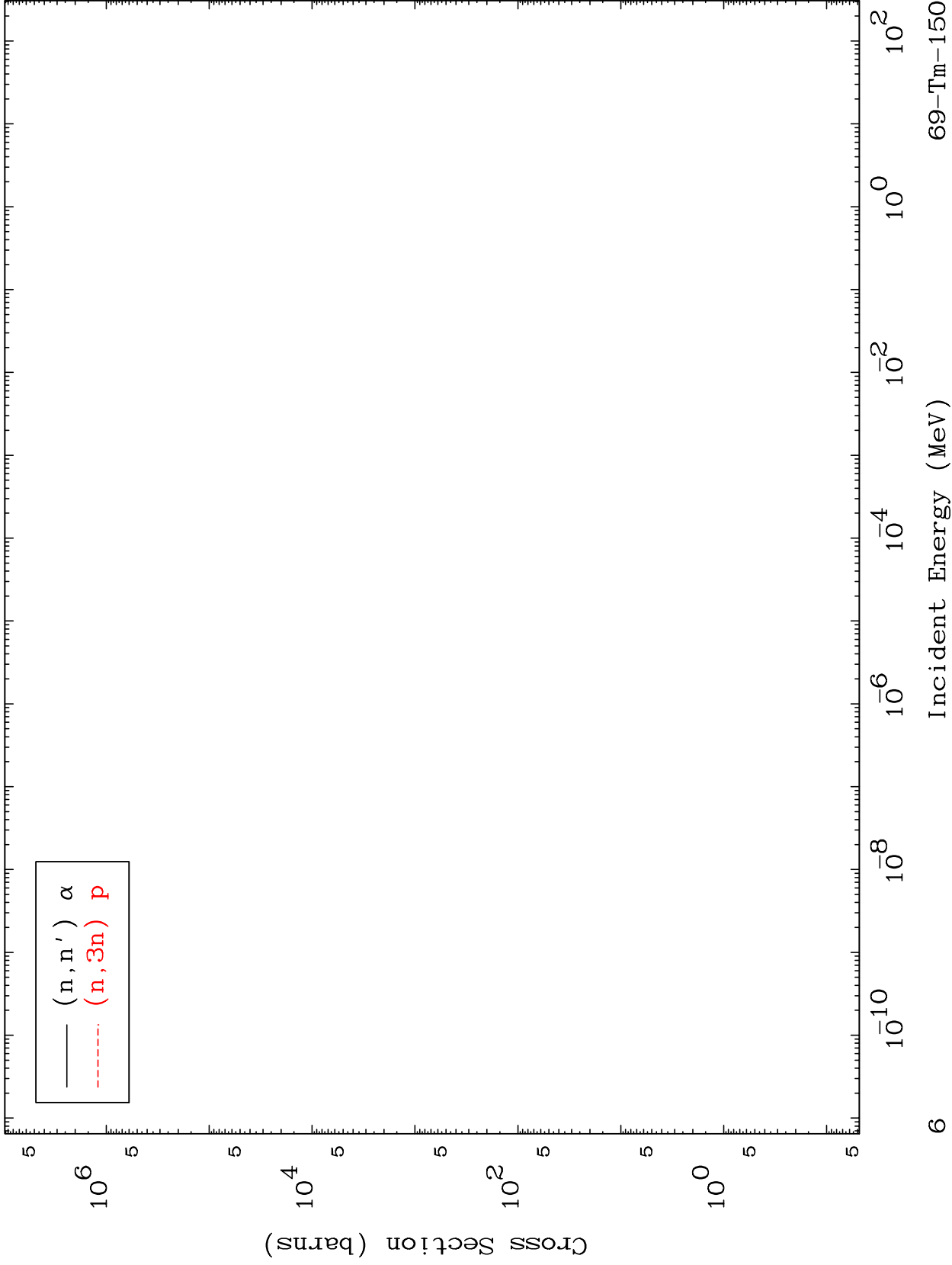
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

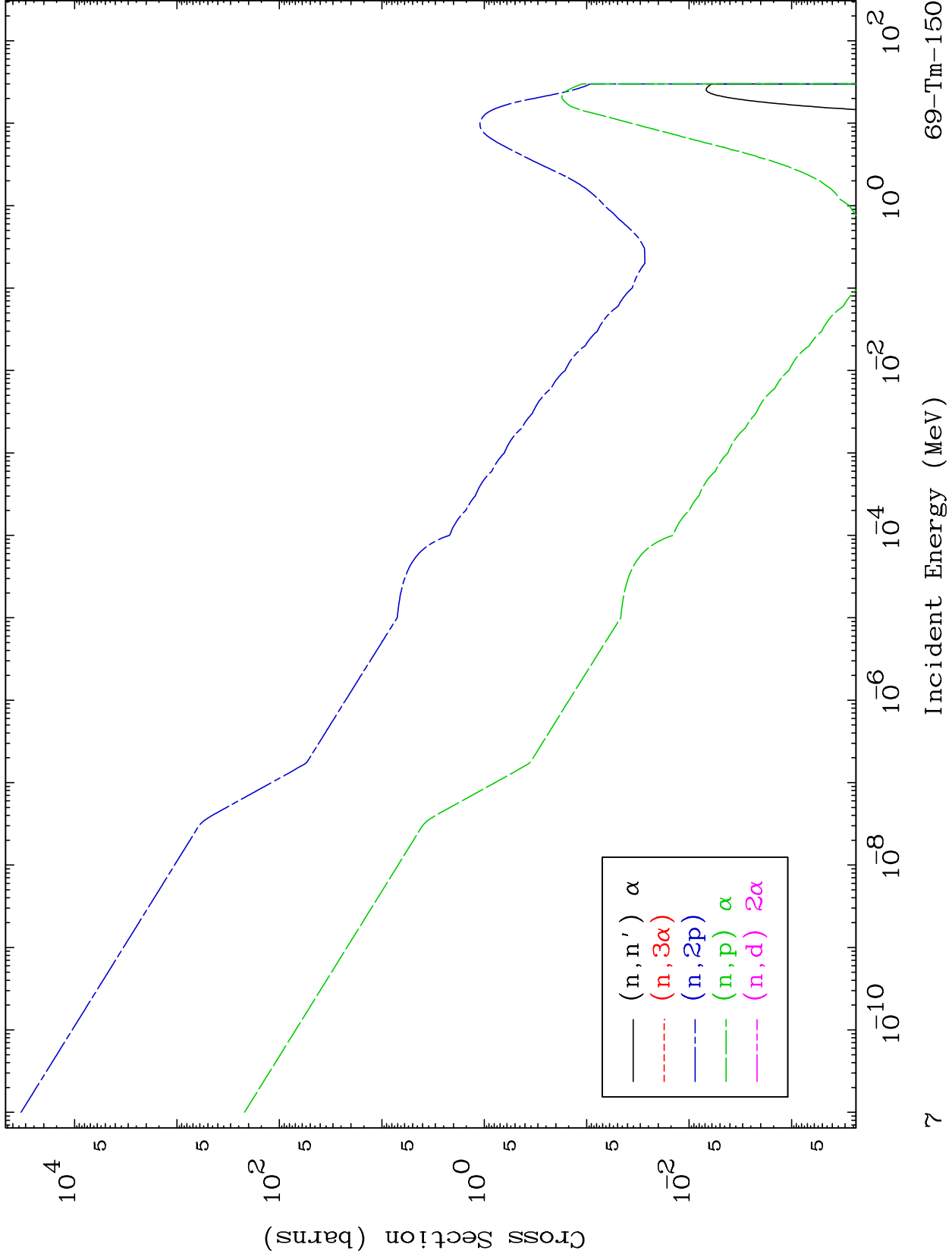
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

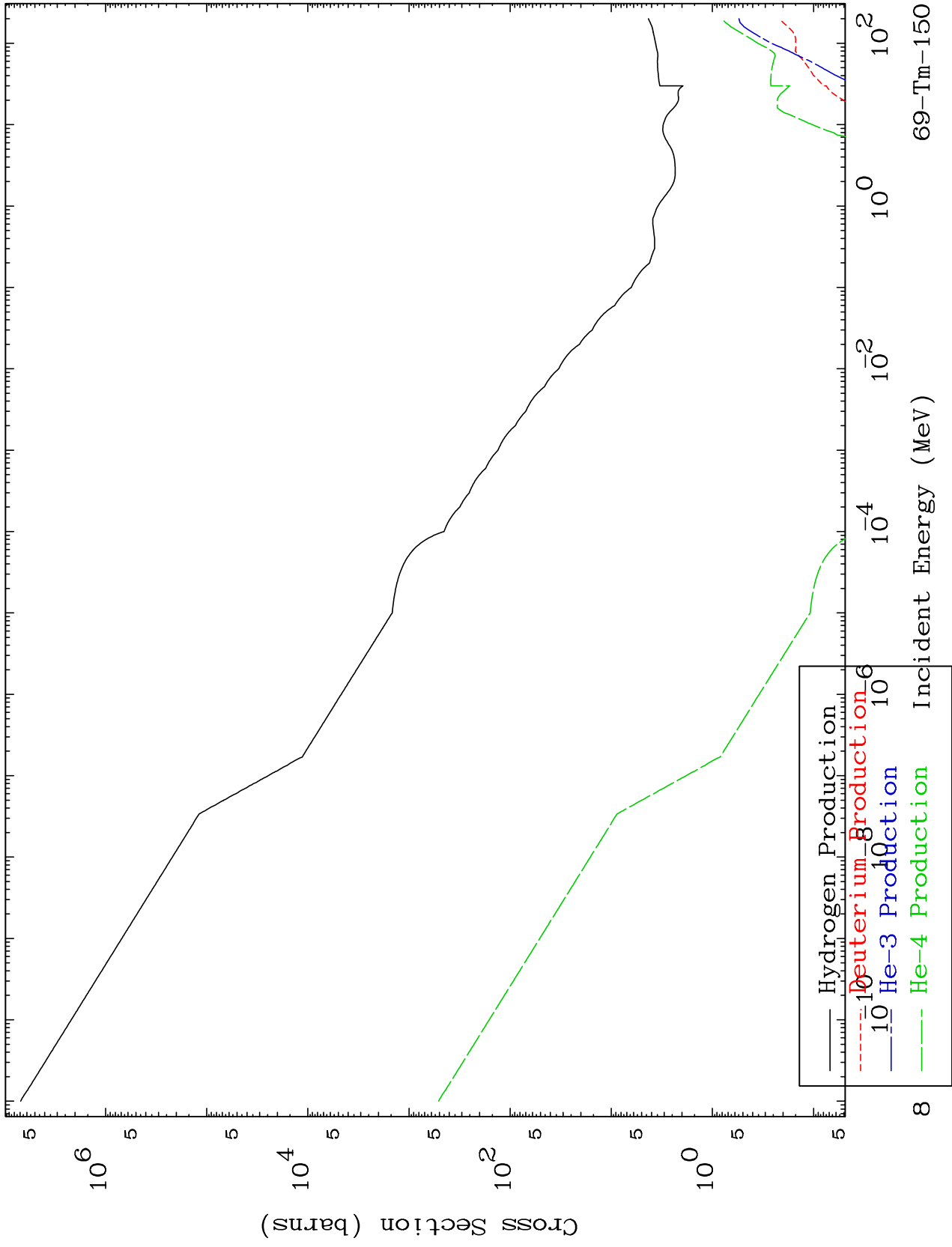
69-Tm-150



MAT 6868

Particle Production
293 Kelvin Cross Sections

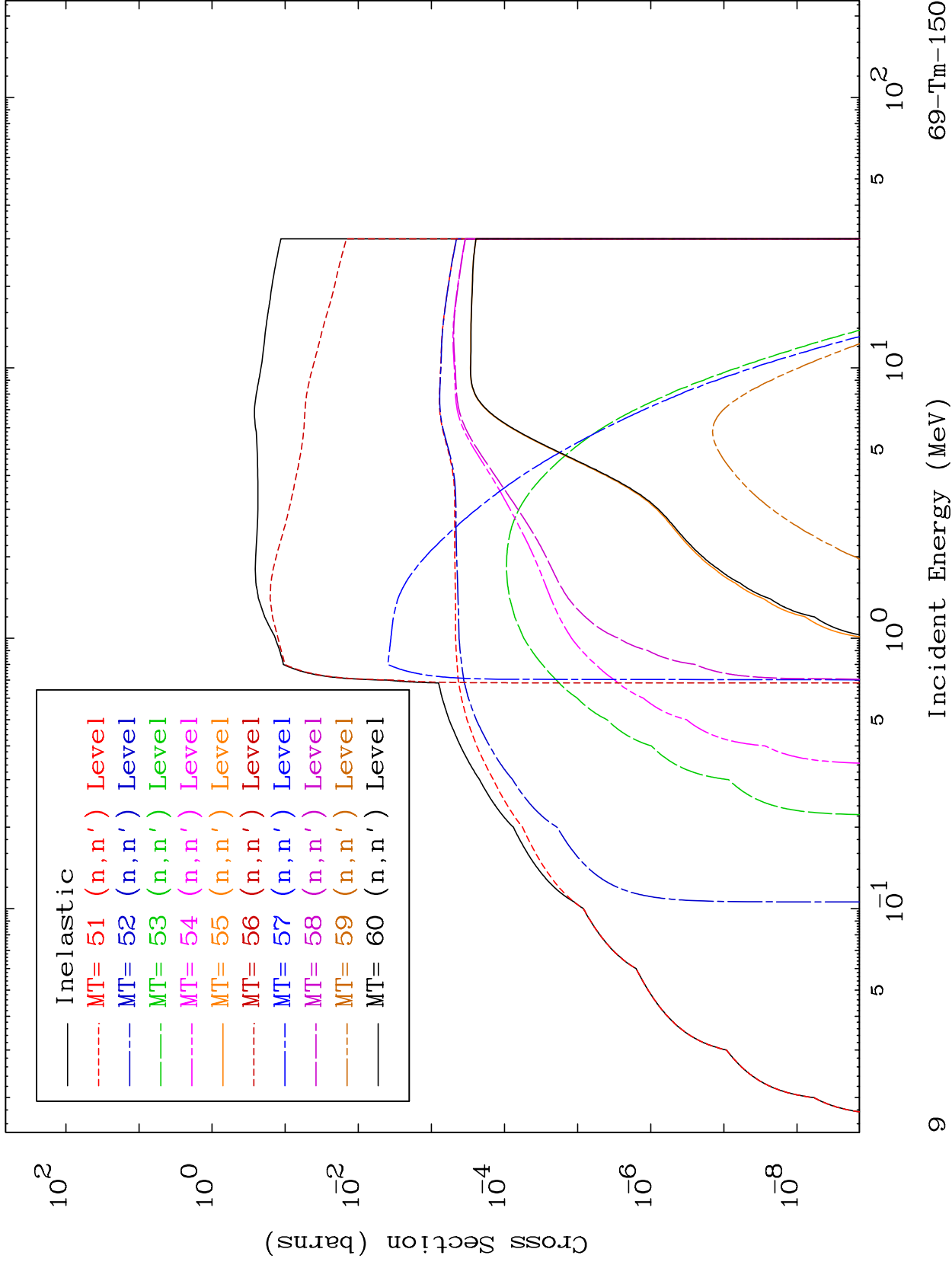
69-Tm-150



MAT 6868

(n,n') Levels
293 Kelvin Cross Sections

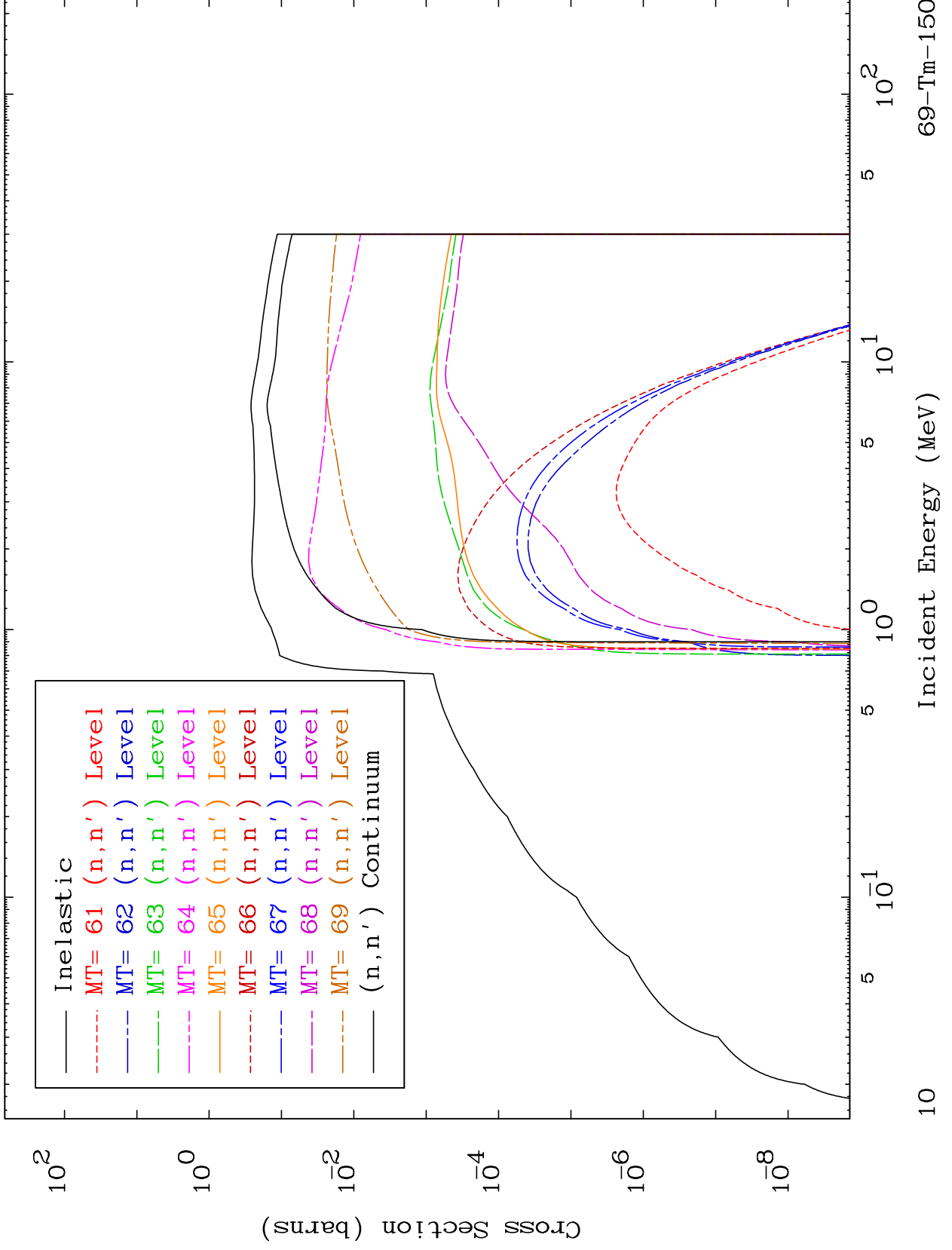
69-Tm-150



MAT 6868

293 Kelvin Cross Sections
(n,n') Levels

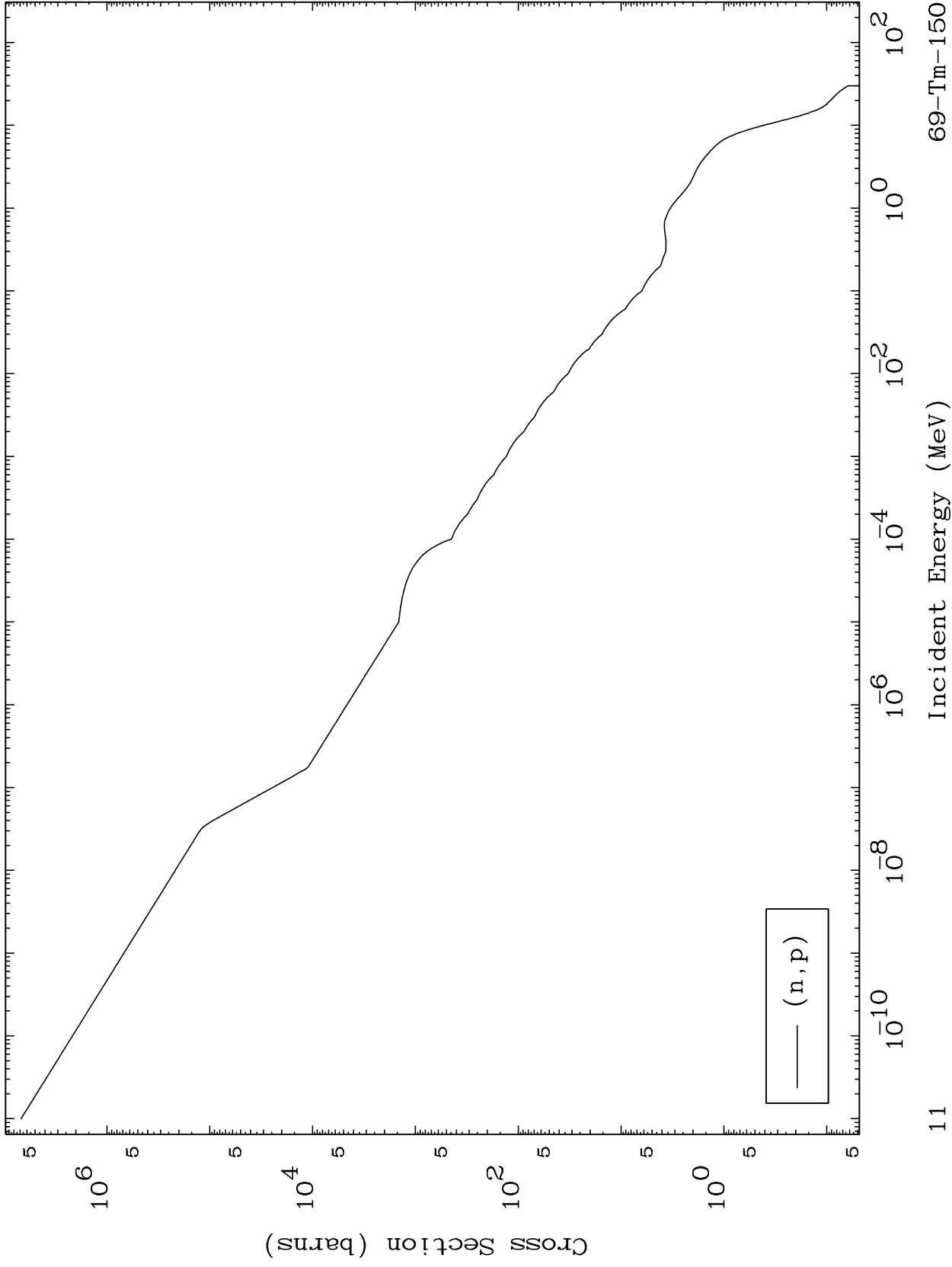
69-Tm-150



MAT 6868

(n,p) Levels
293 Kelvin Cross Sections

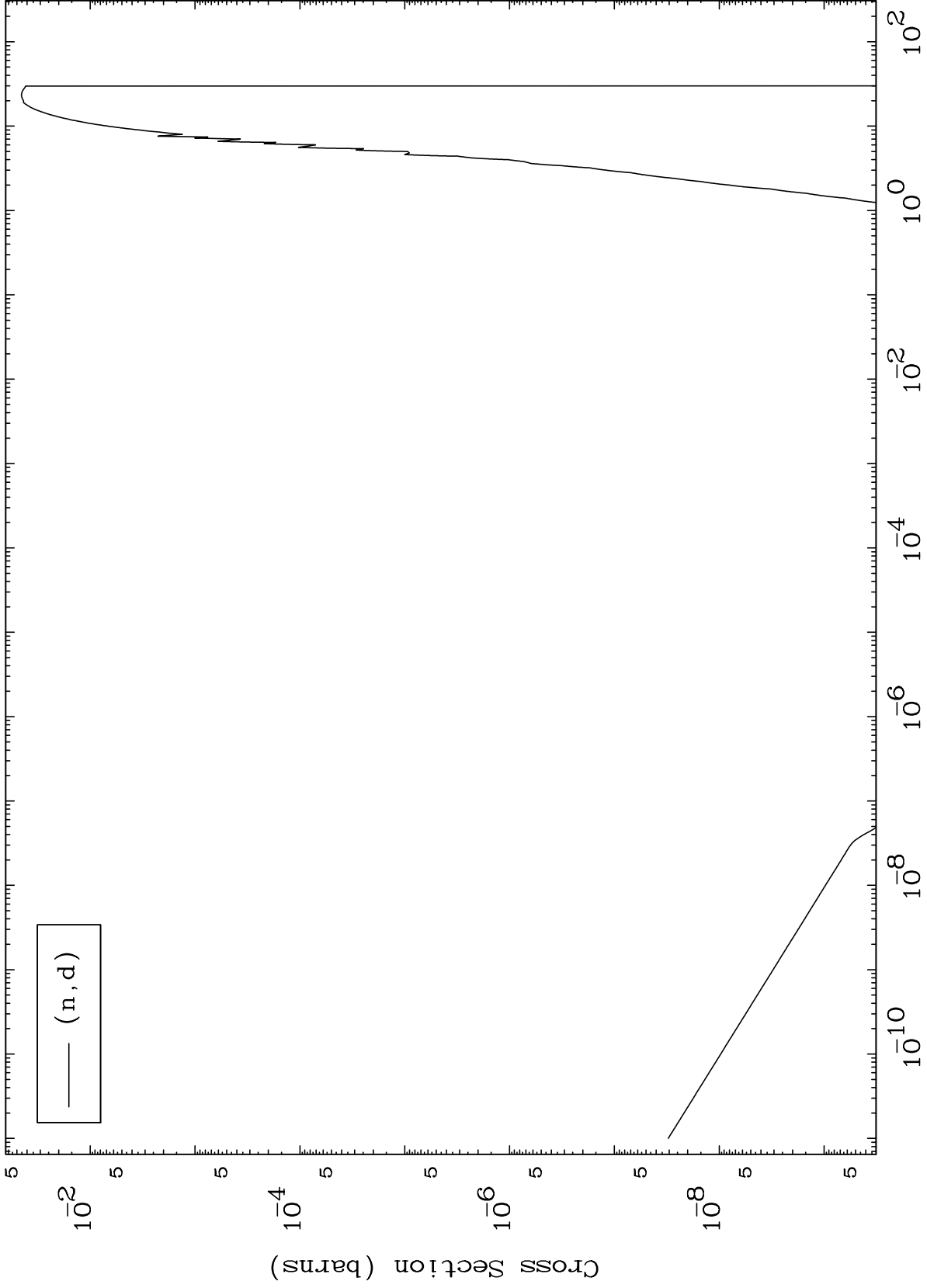
69-Tm-150



MAT 6868

(n,d) Levels
293 Kelvin Cross Sections

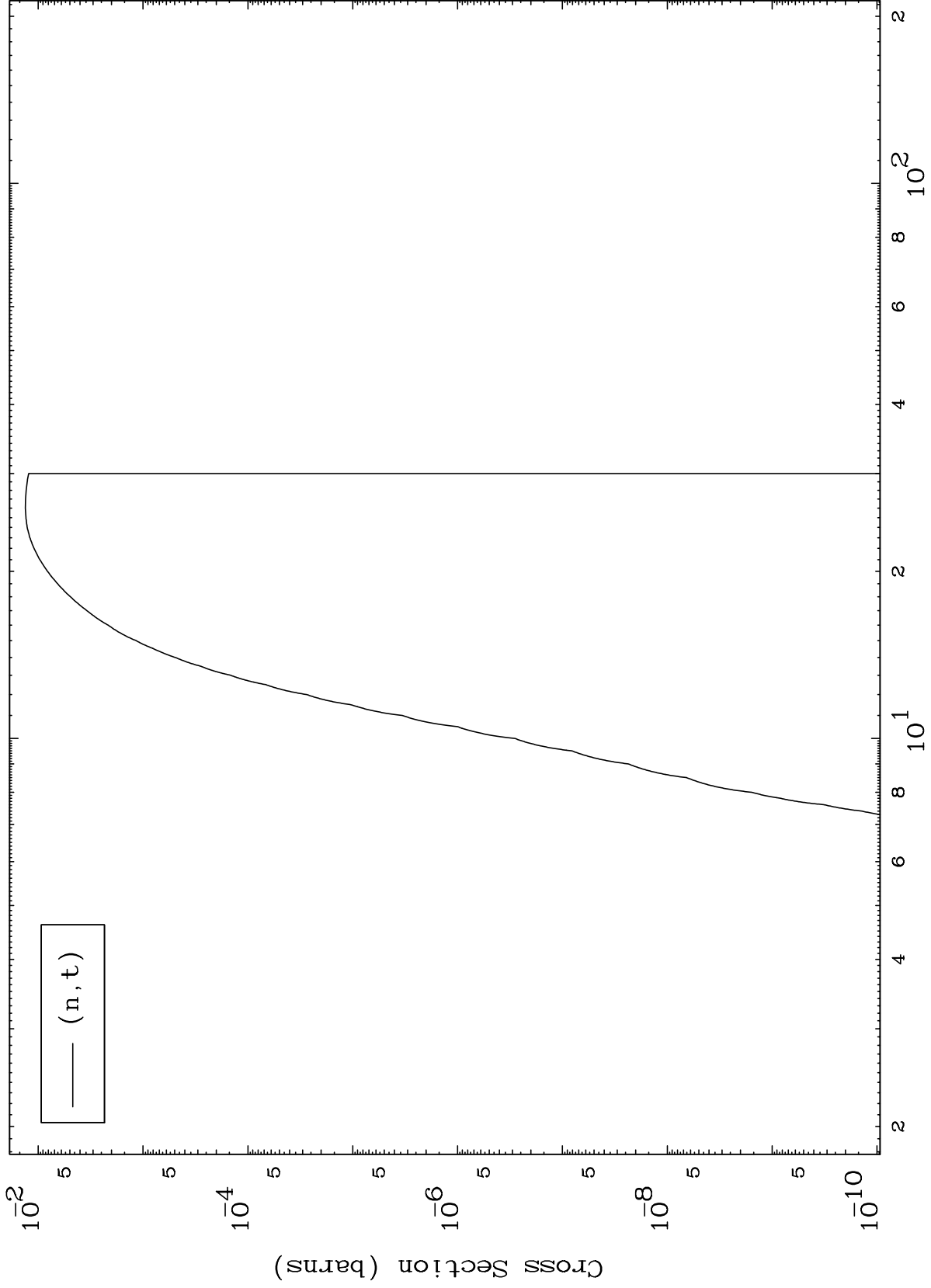
69-Tm-150



MAT 6868

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-150



13

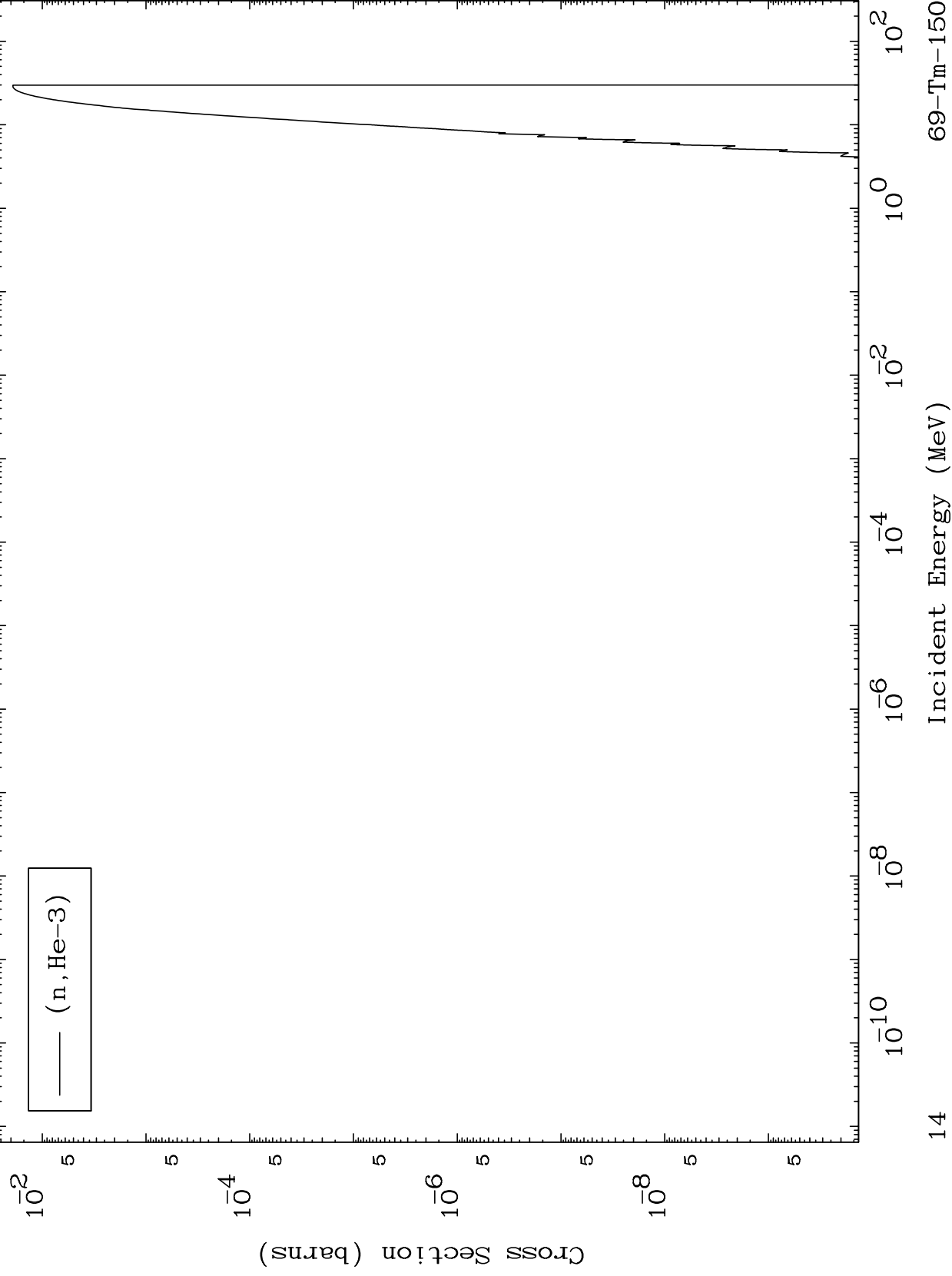
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,He3) Levels
293 Kelvin Cross Sections

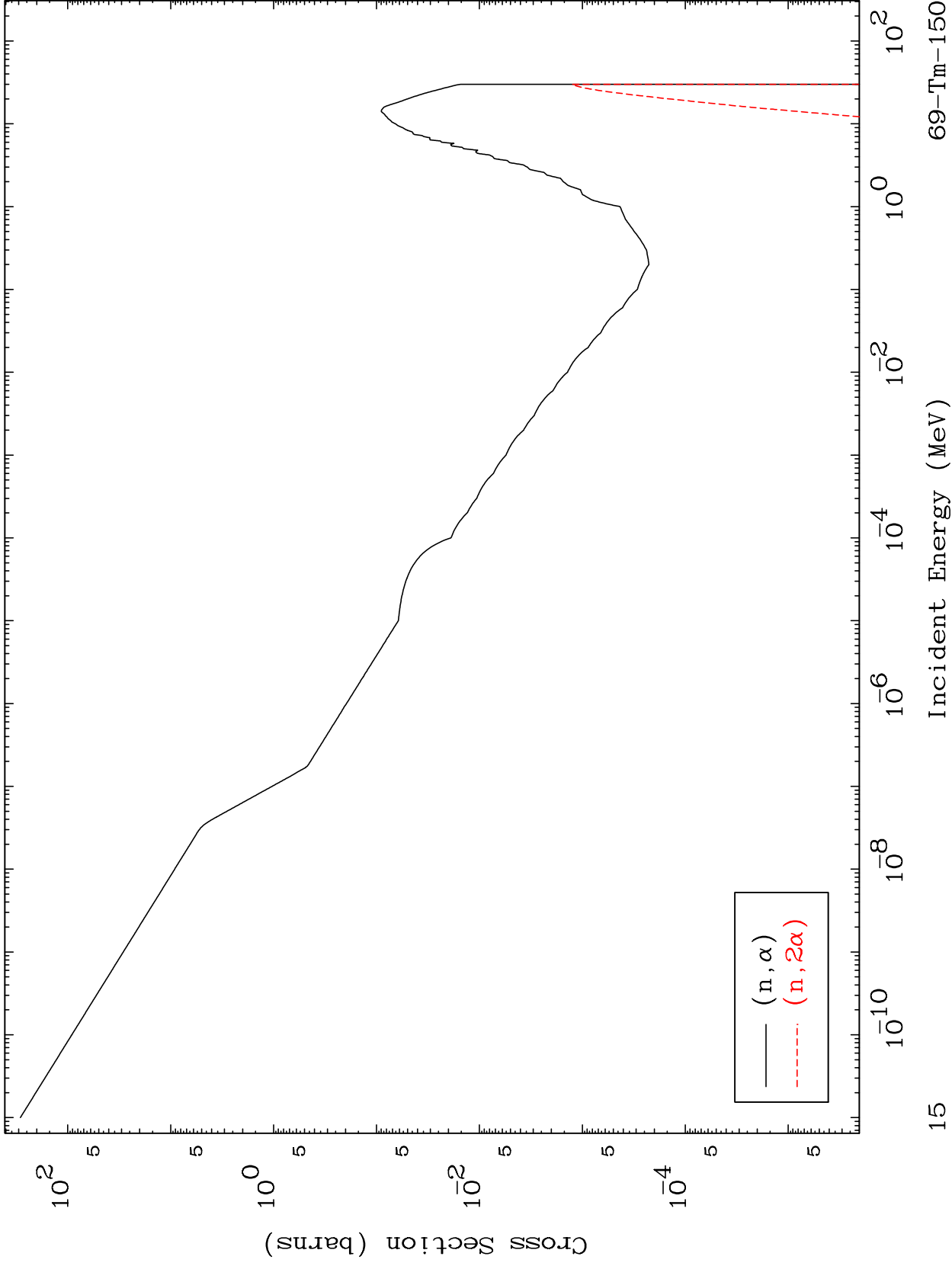
69-Tm-150



MAT 6868

(n, α) Levels
293 Kelvin Cross Sections

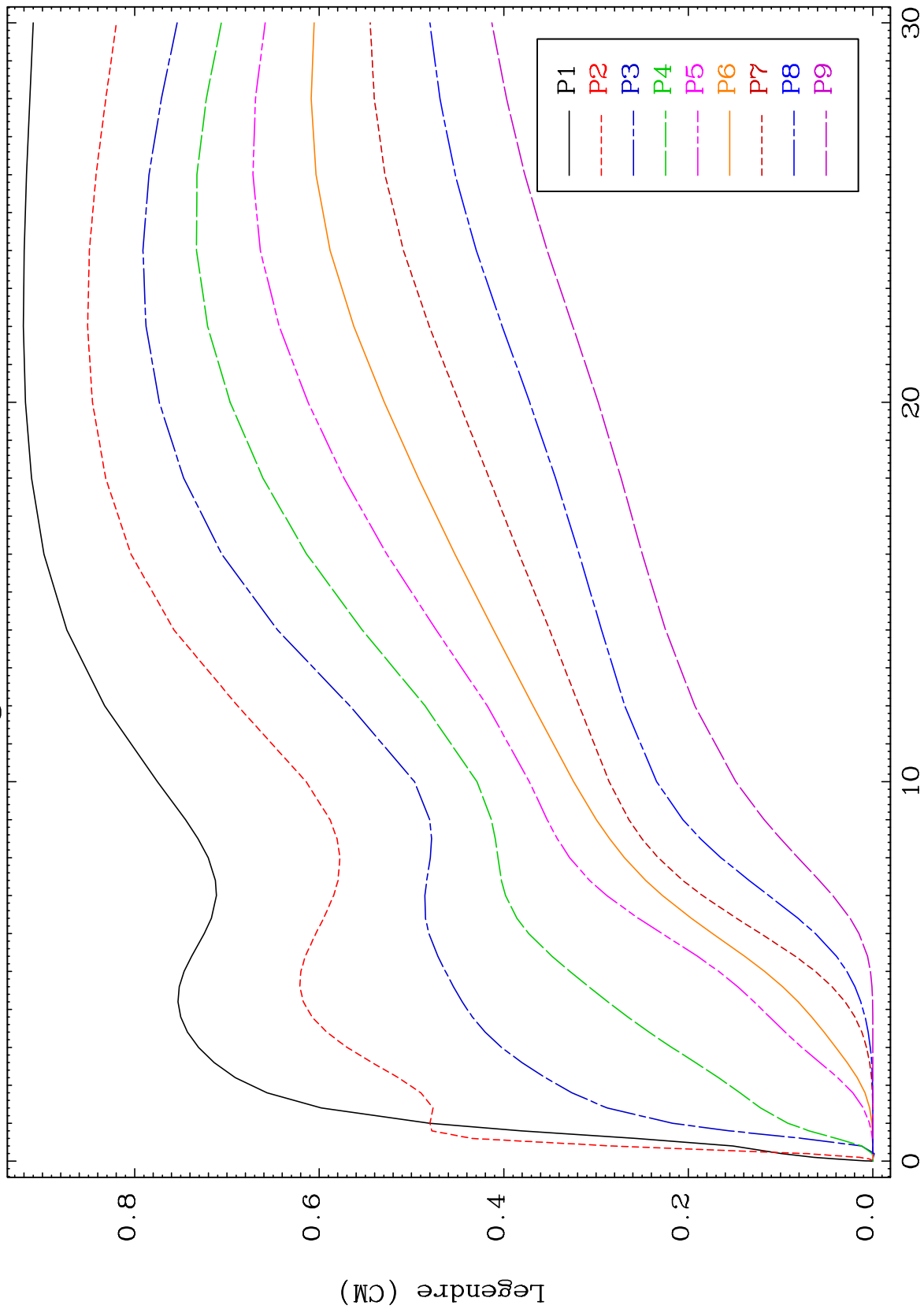
69-Tm-150



MAT 6868

Elastic Legendre Coefficients

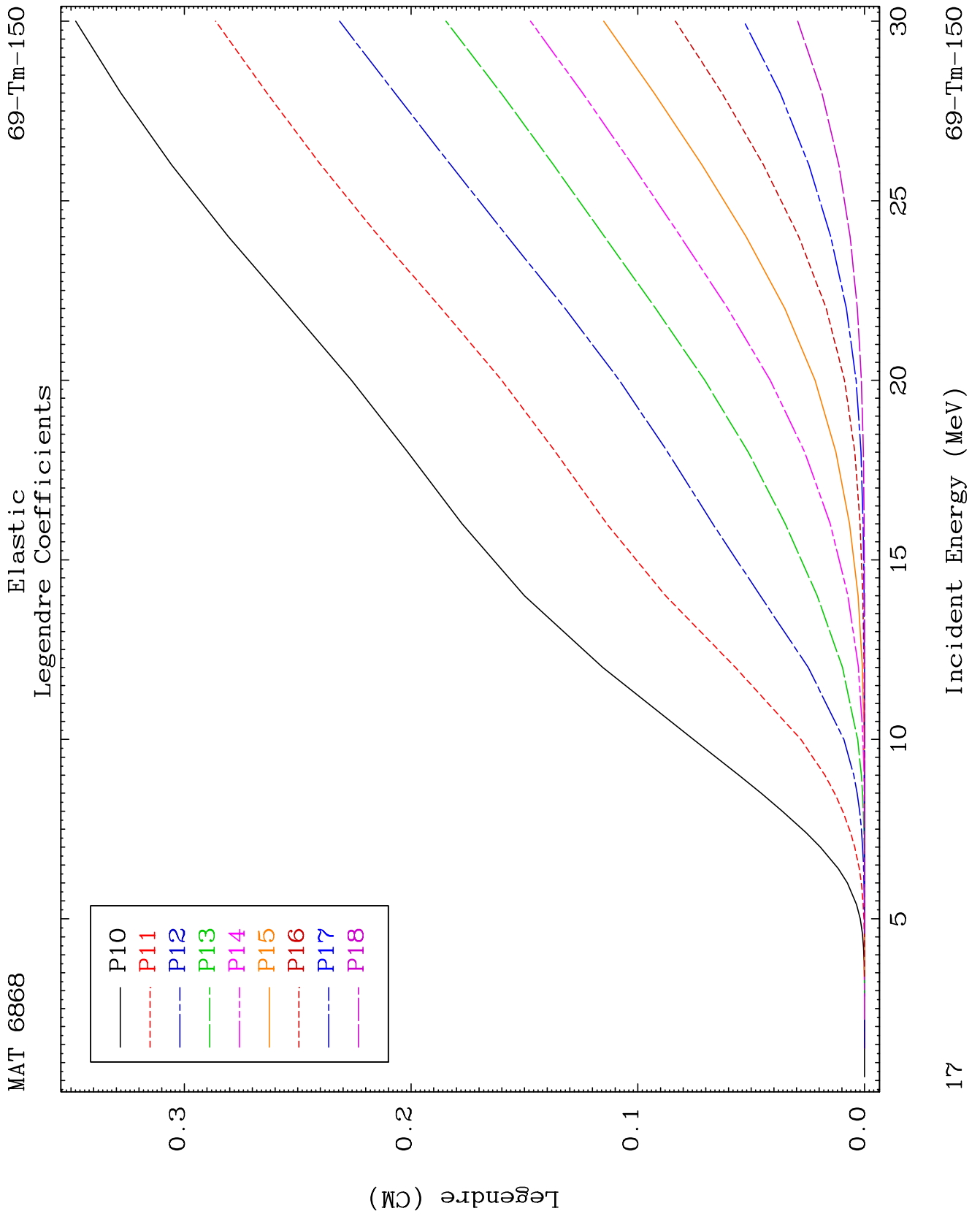
69-Tm-150



16

Incident Energy (MeV)

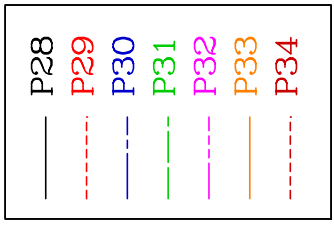
69-Tm-150



MAT 6868

Elastic Legendre Coefficients

69-Tm-150



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

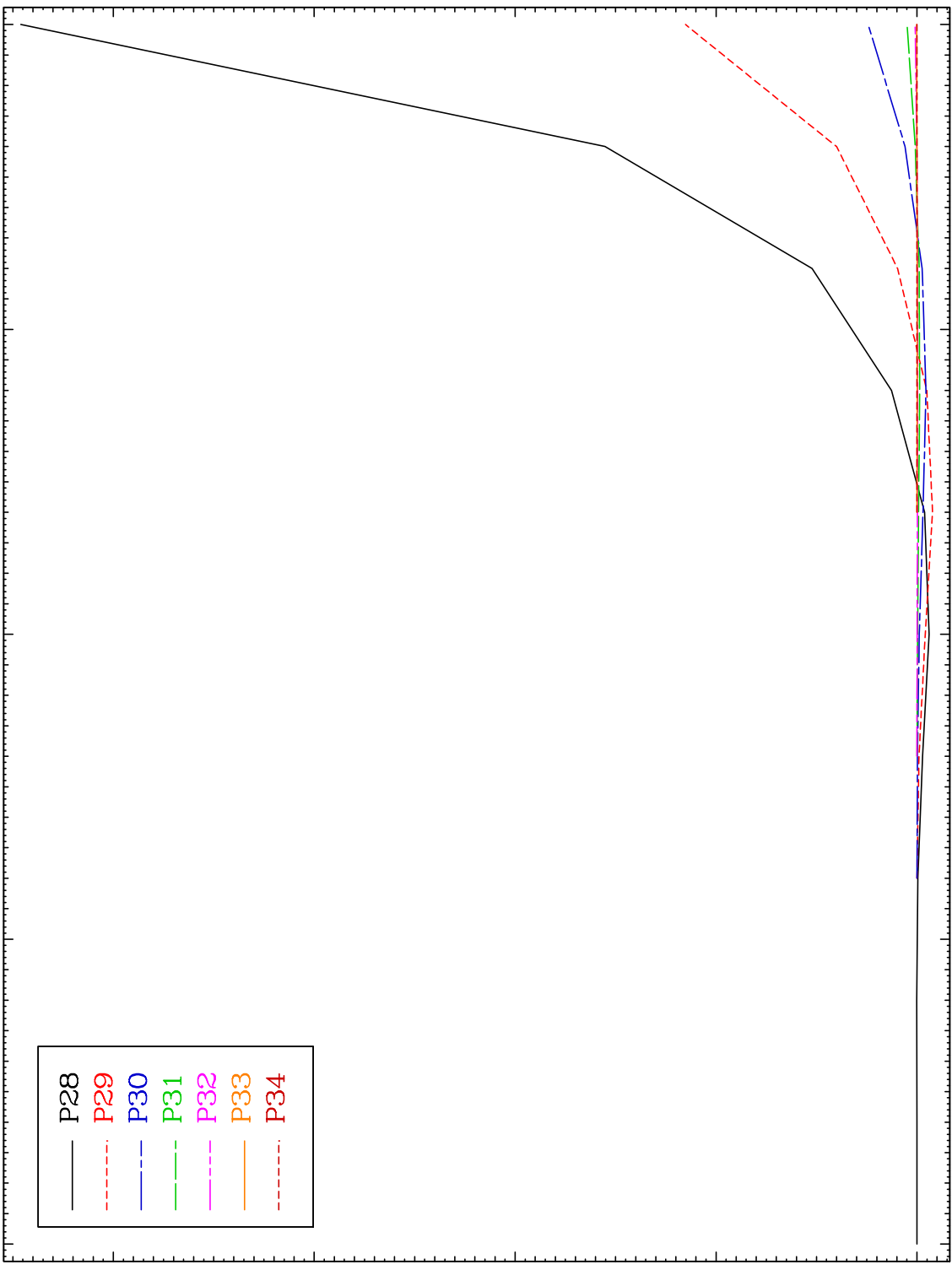
25

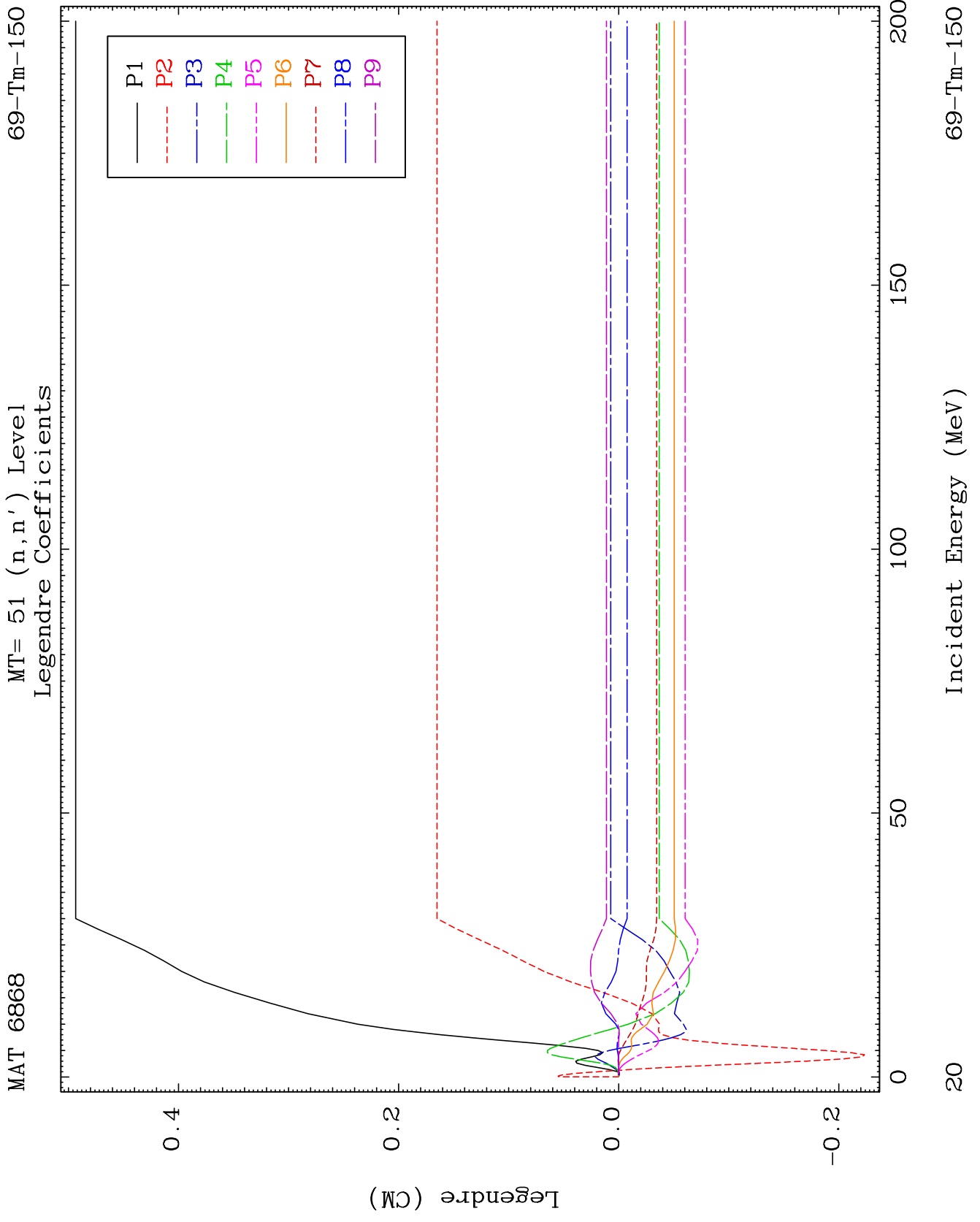
30

19

Incident Energy (MeV)

69-Tm-150

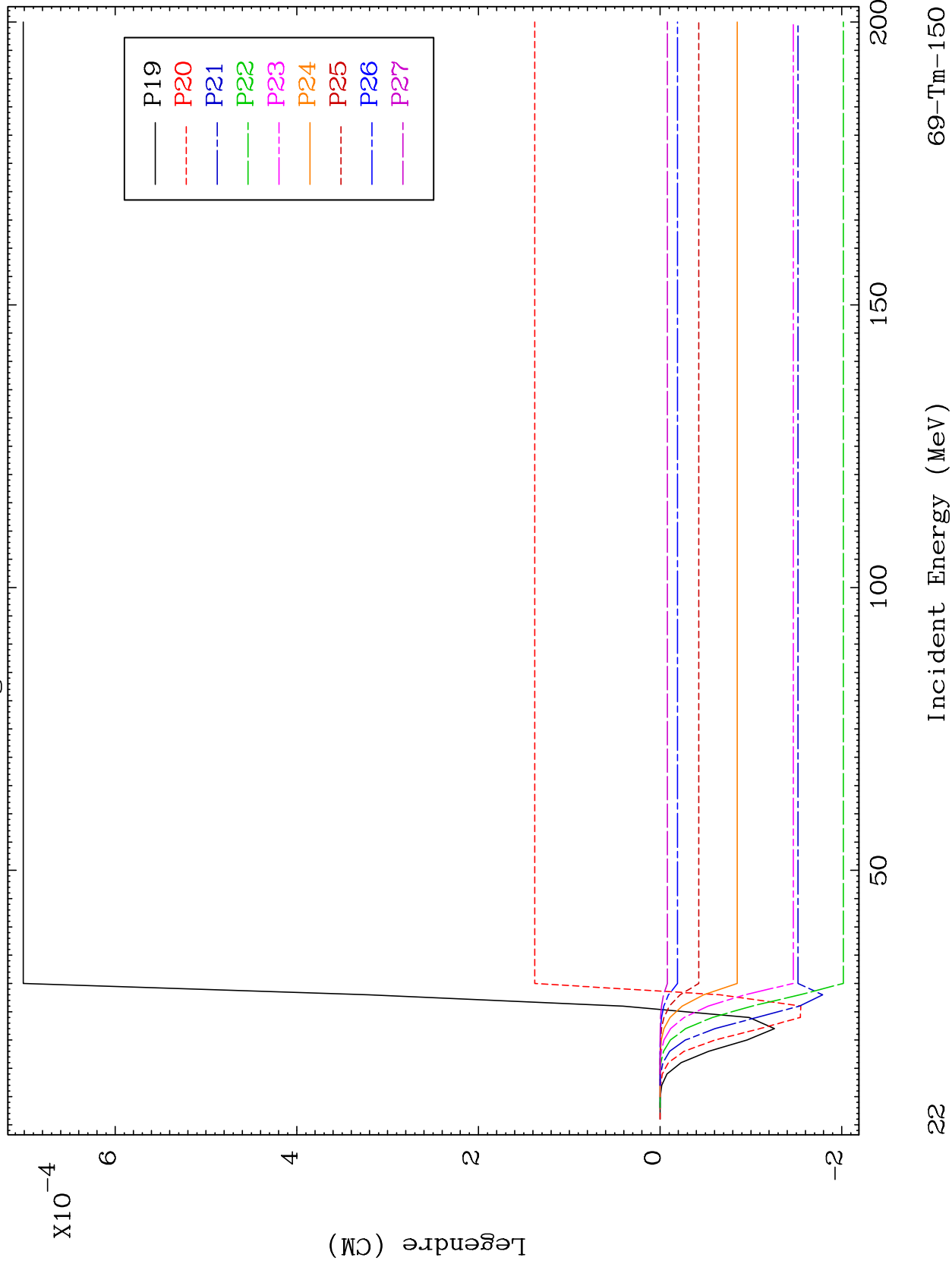




MAT 6868

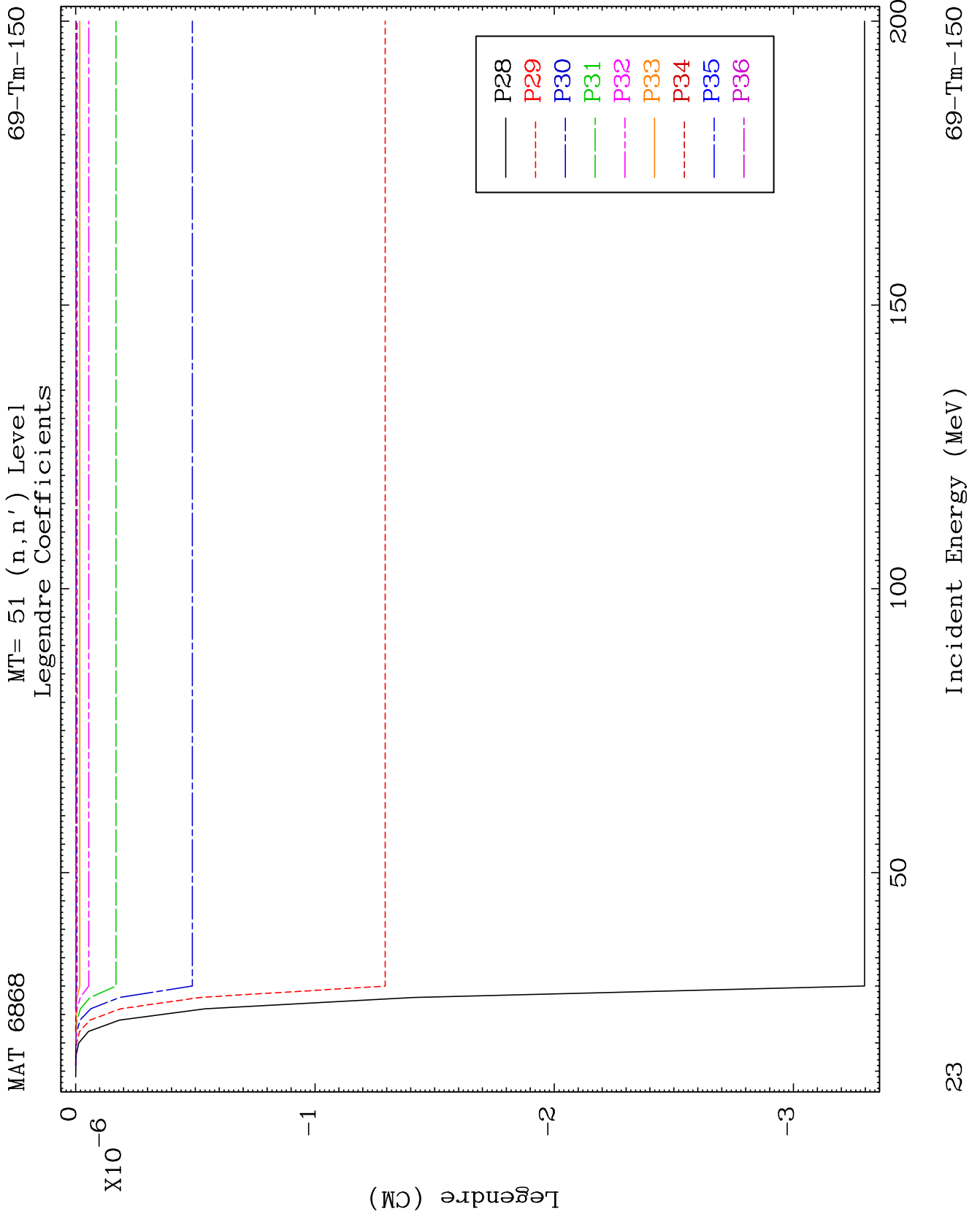
MT= 51 (n,n') Level
Legendre Coefficients

69-Tm-150



22

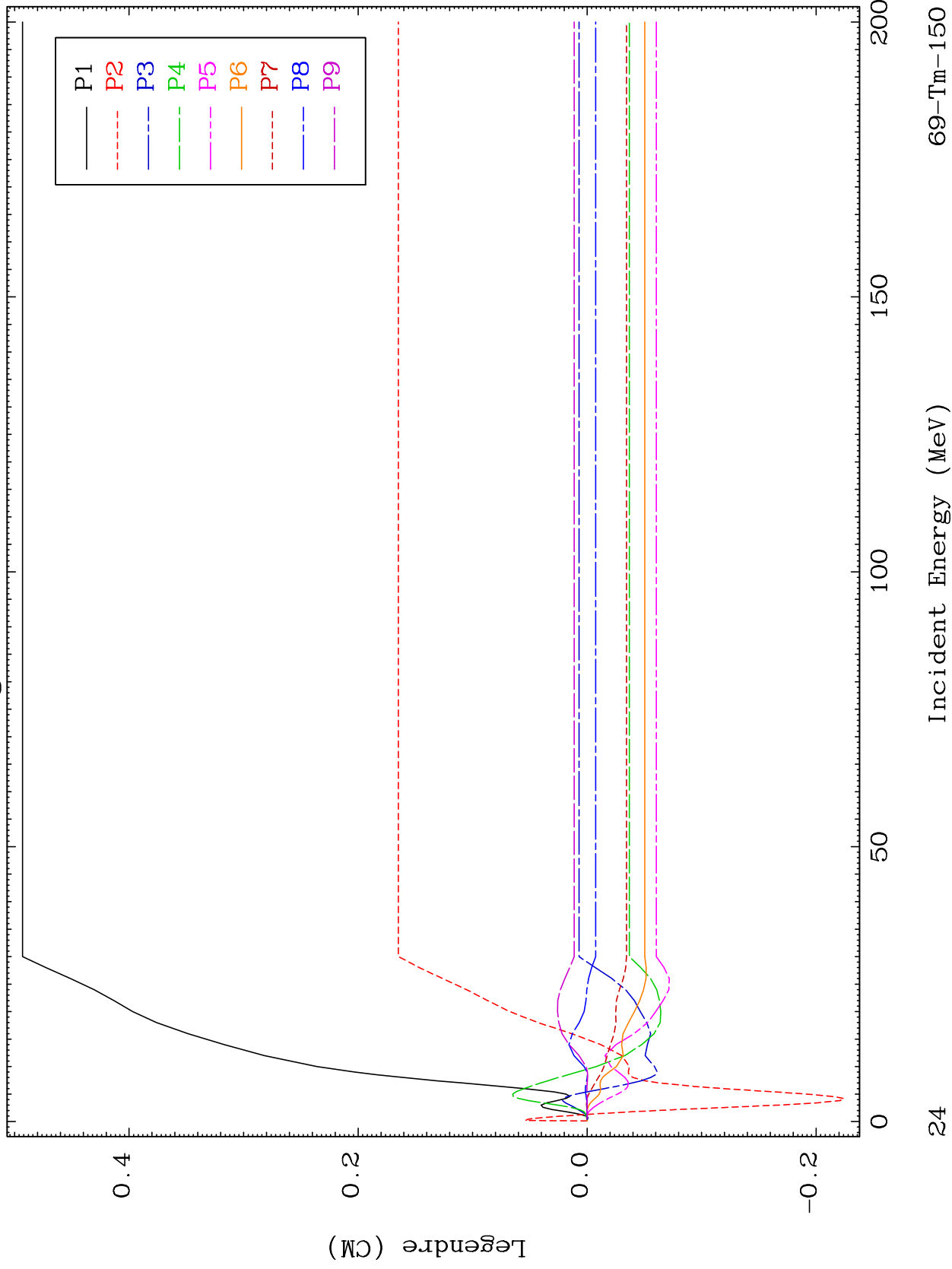
69-Tm-150



MAT 6868

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

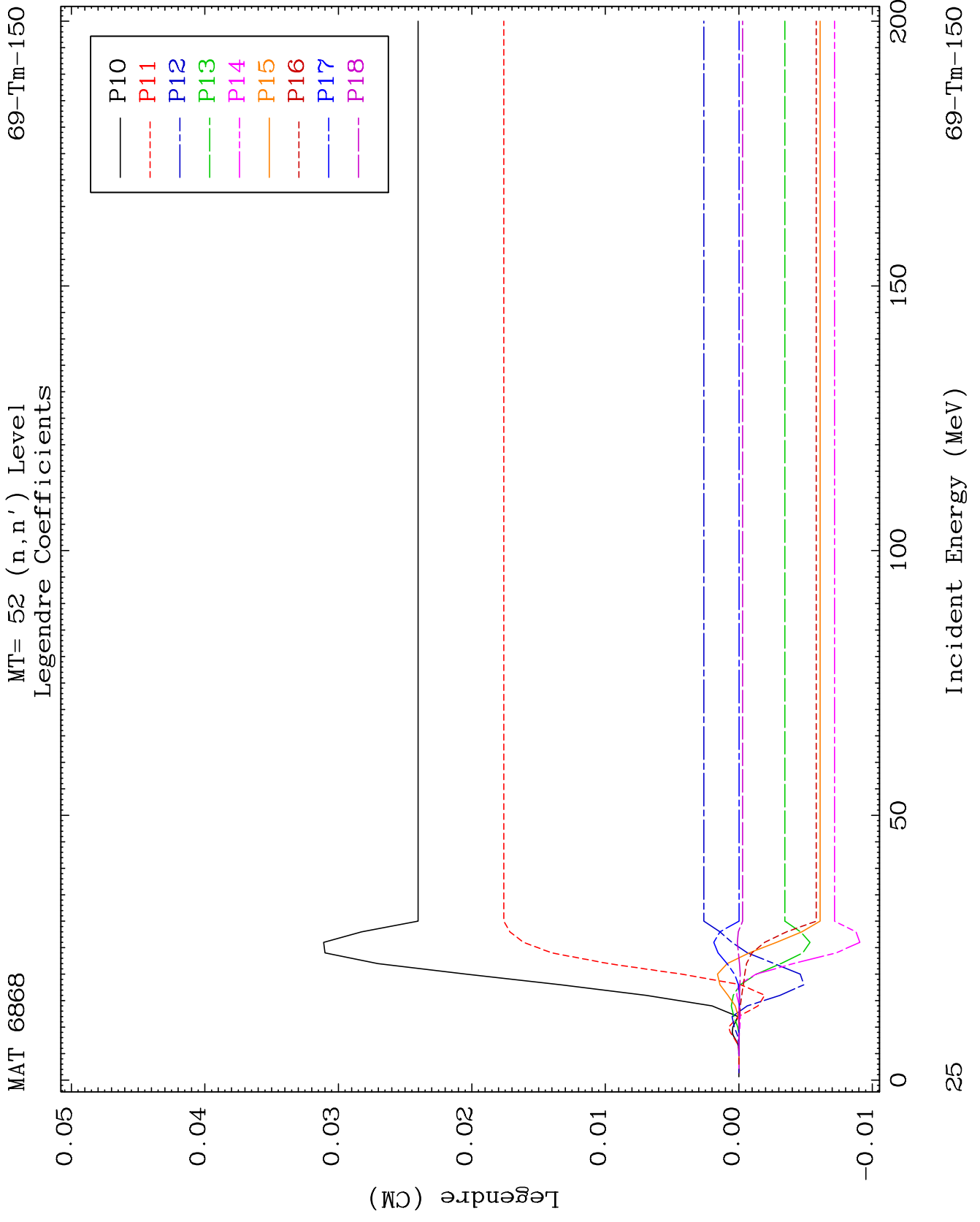
69-Tm-150



24

Incident Energy (MeV)

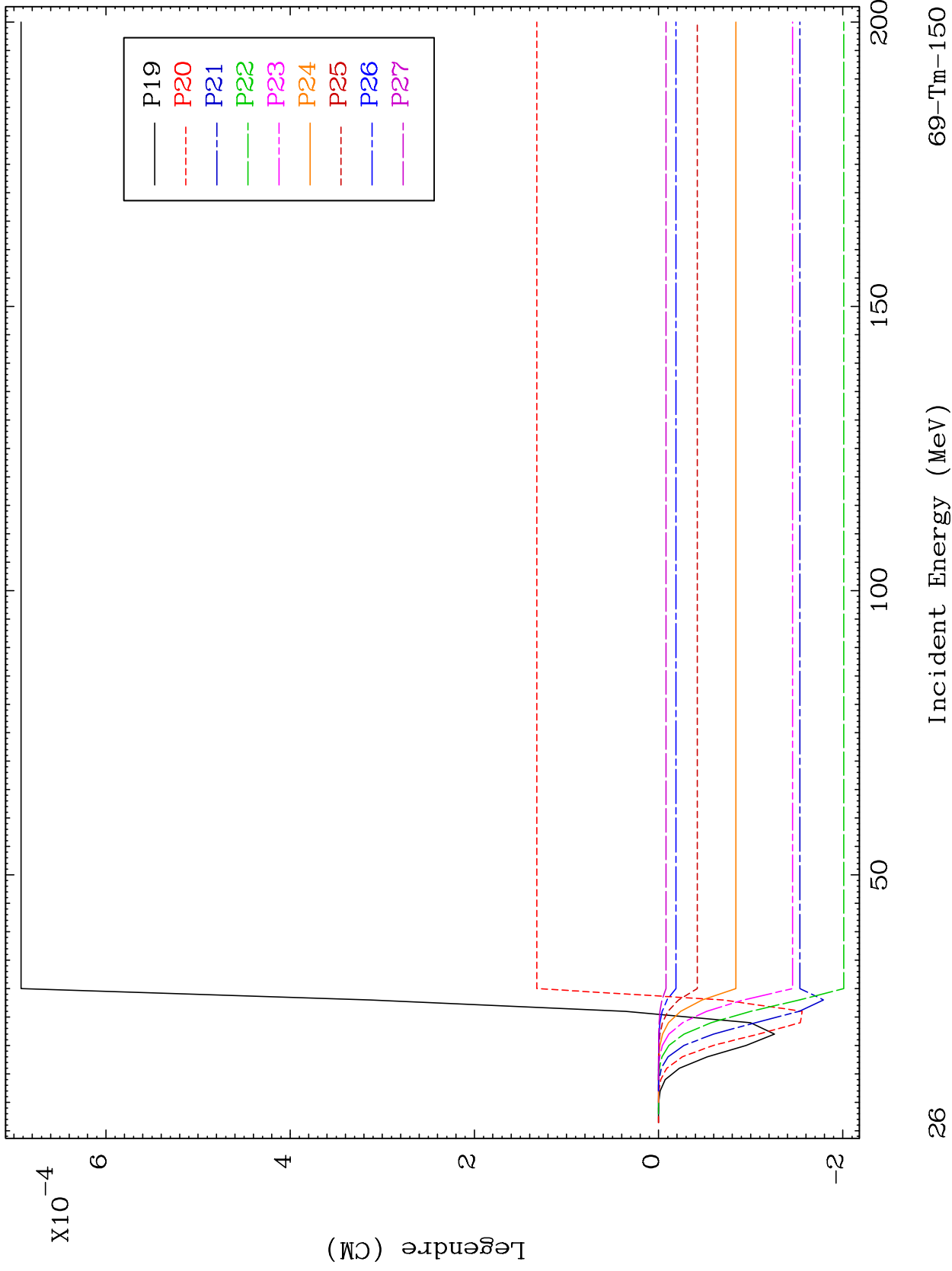
69-Tm-150



MAT 6868

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

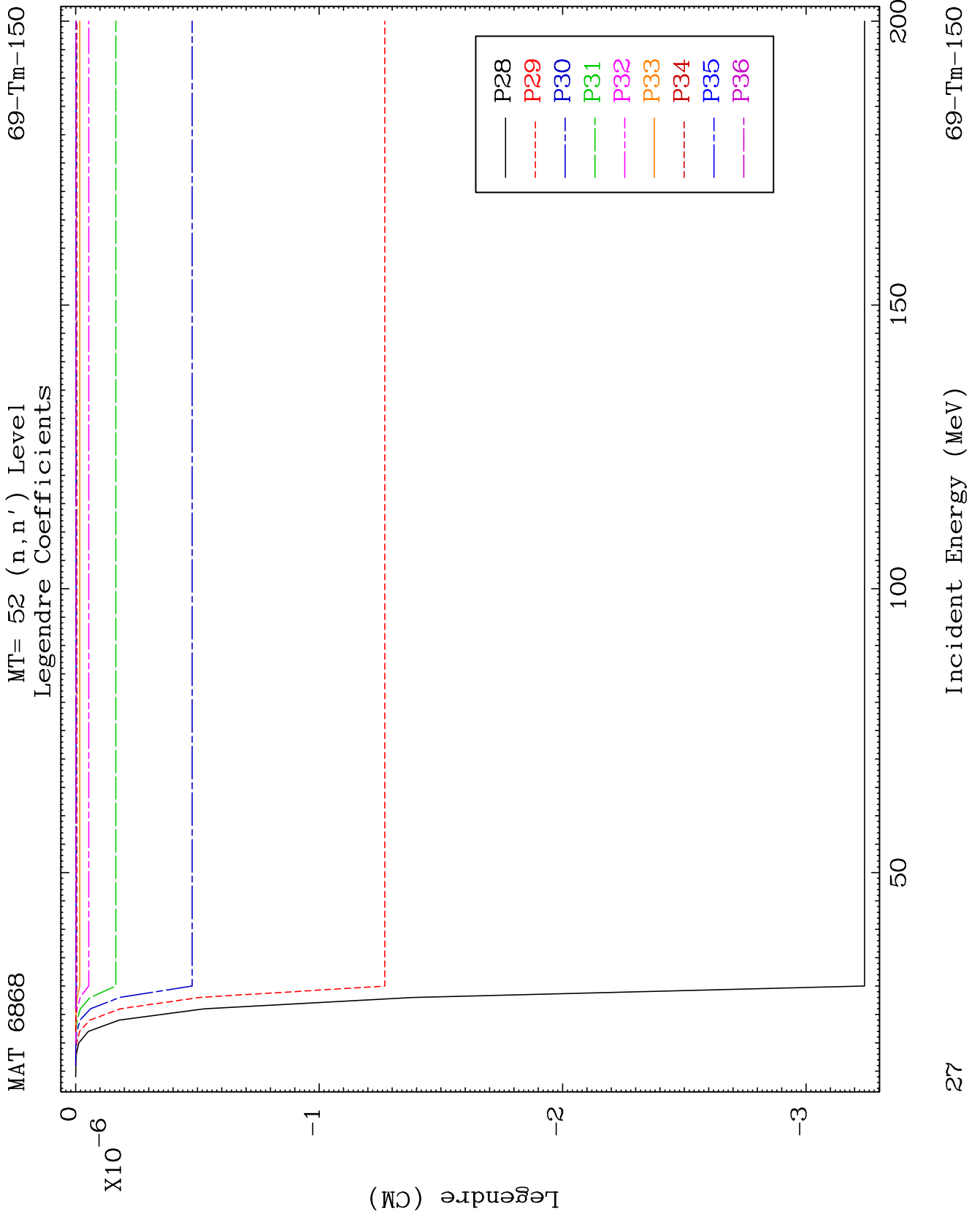
69-Tm-150

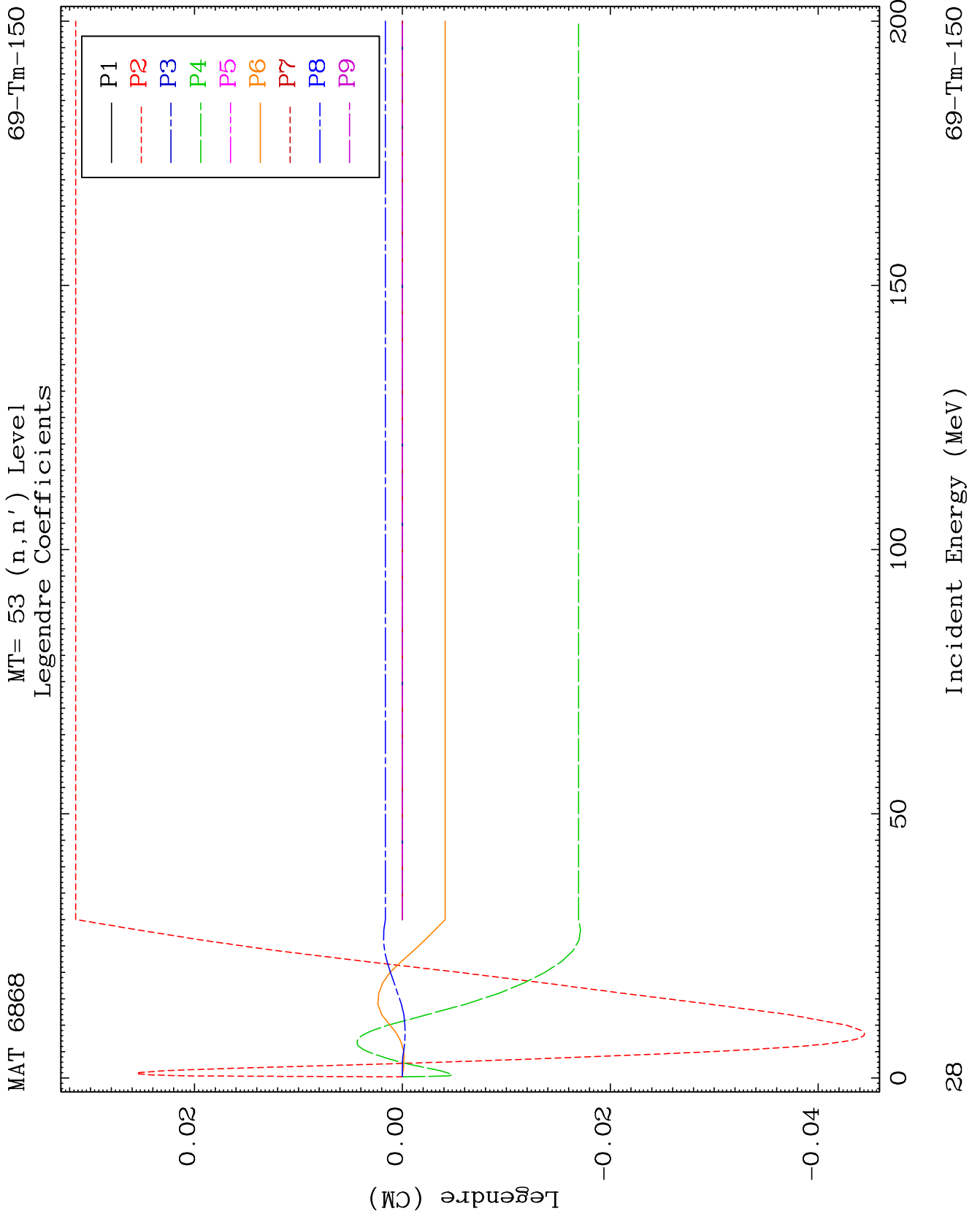


26

Incident Energy (MeV)

69-Tm-150

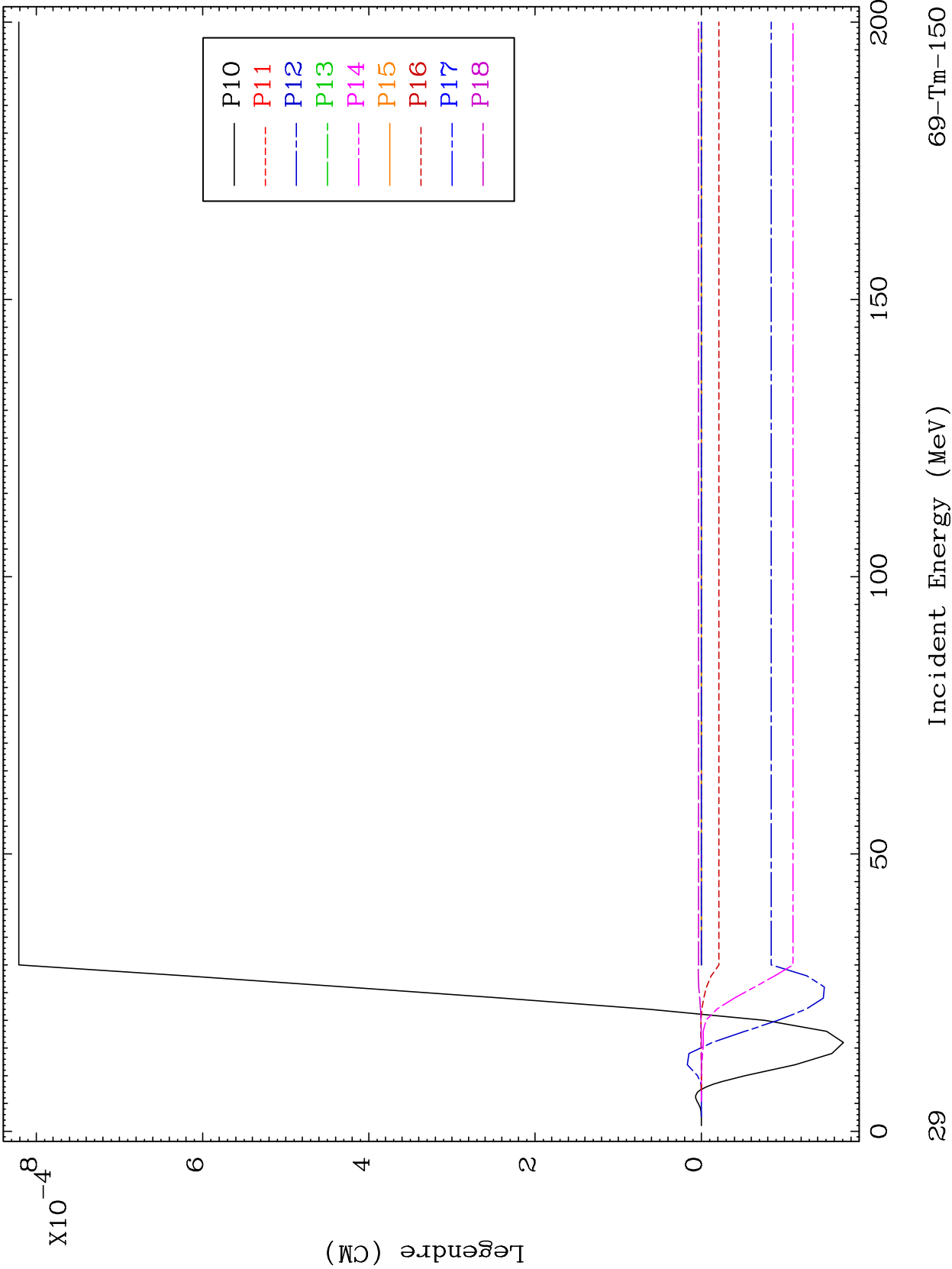




MAT 6868

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

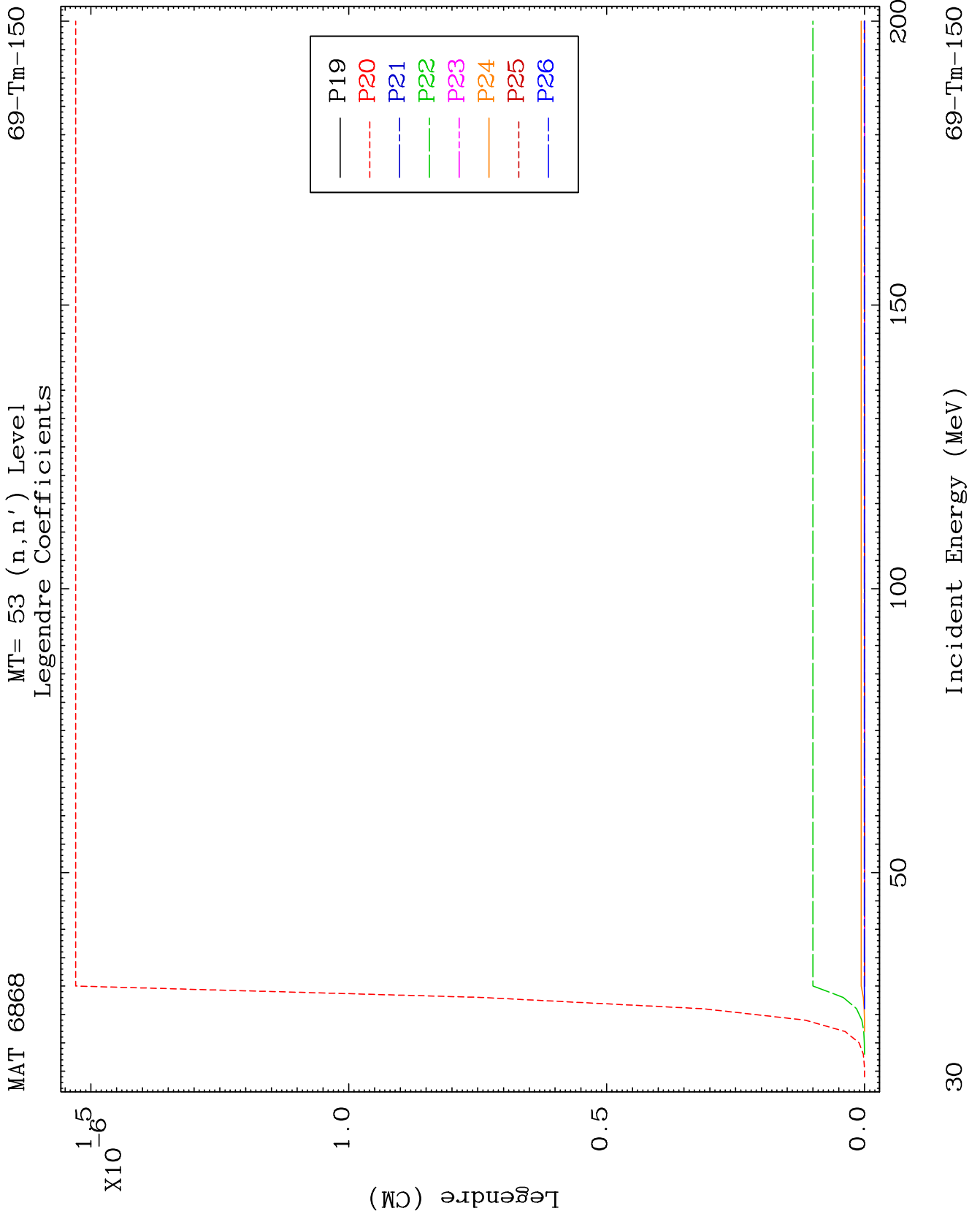
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29

Incident Energy (MeV)

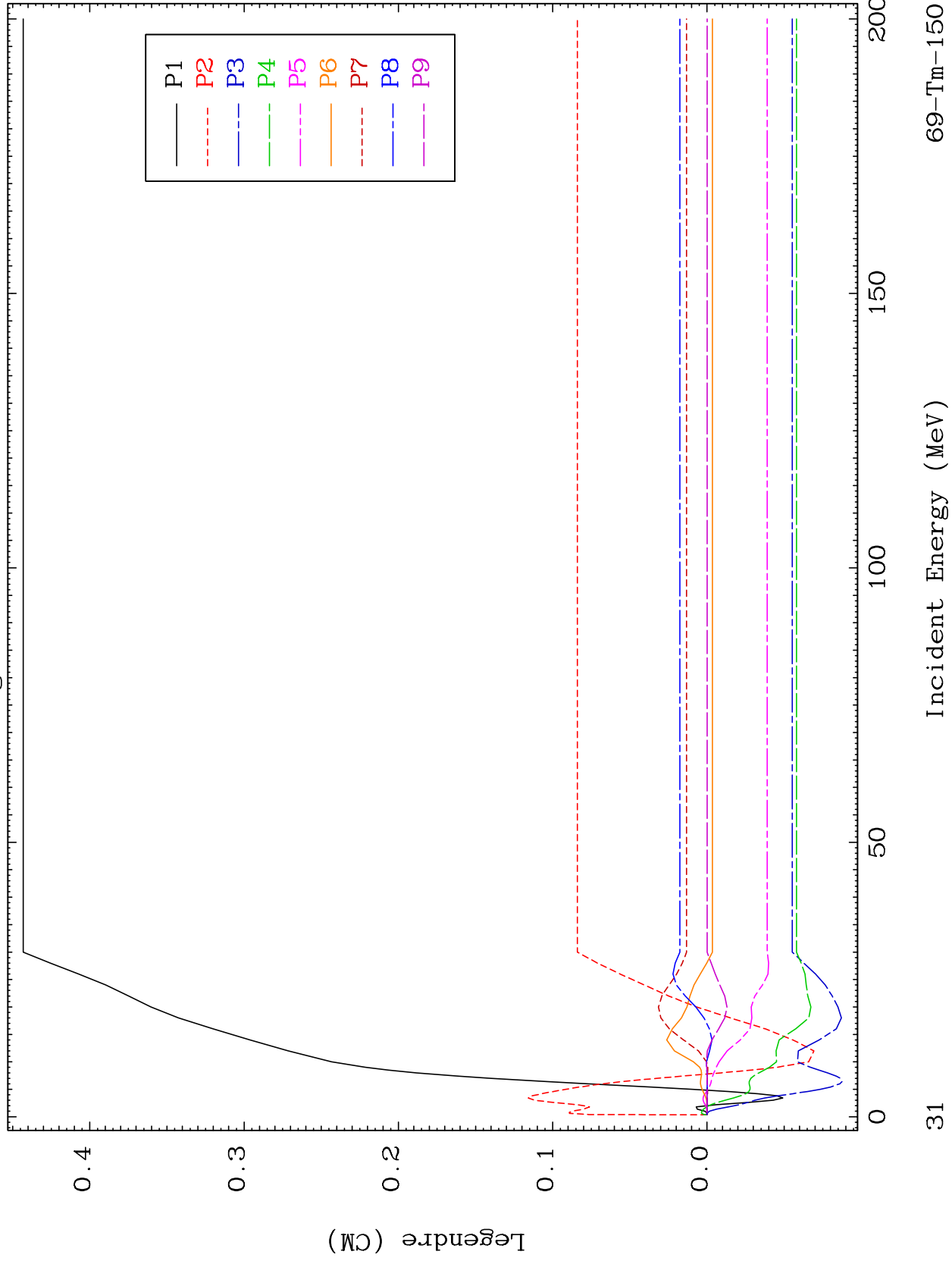
69-Tm-150



MAT 6868

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

69-Tm-150



31

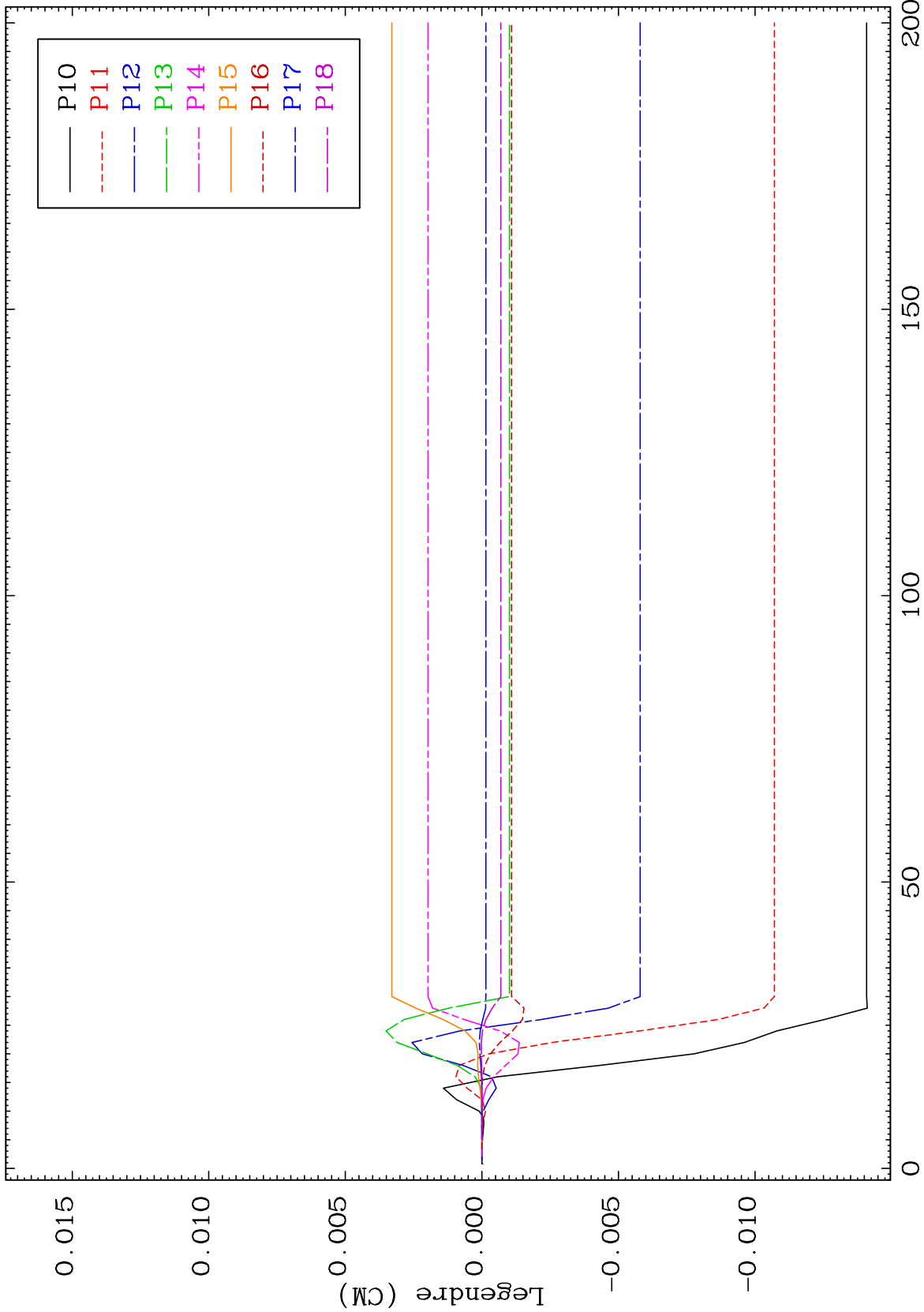
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

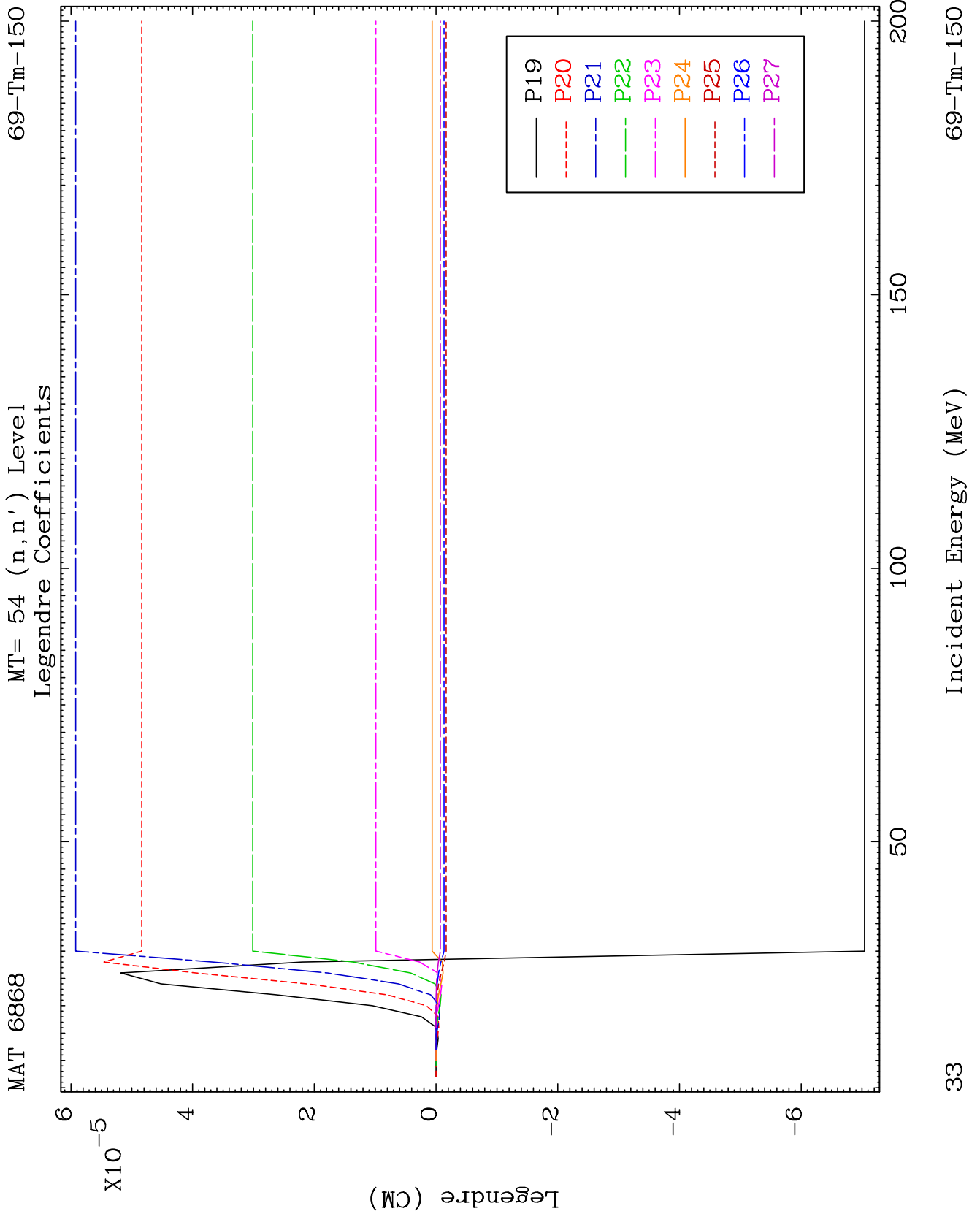
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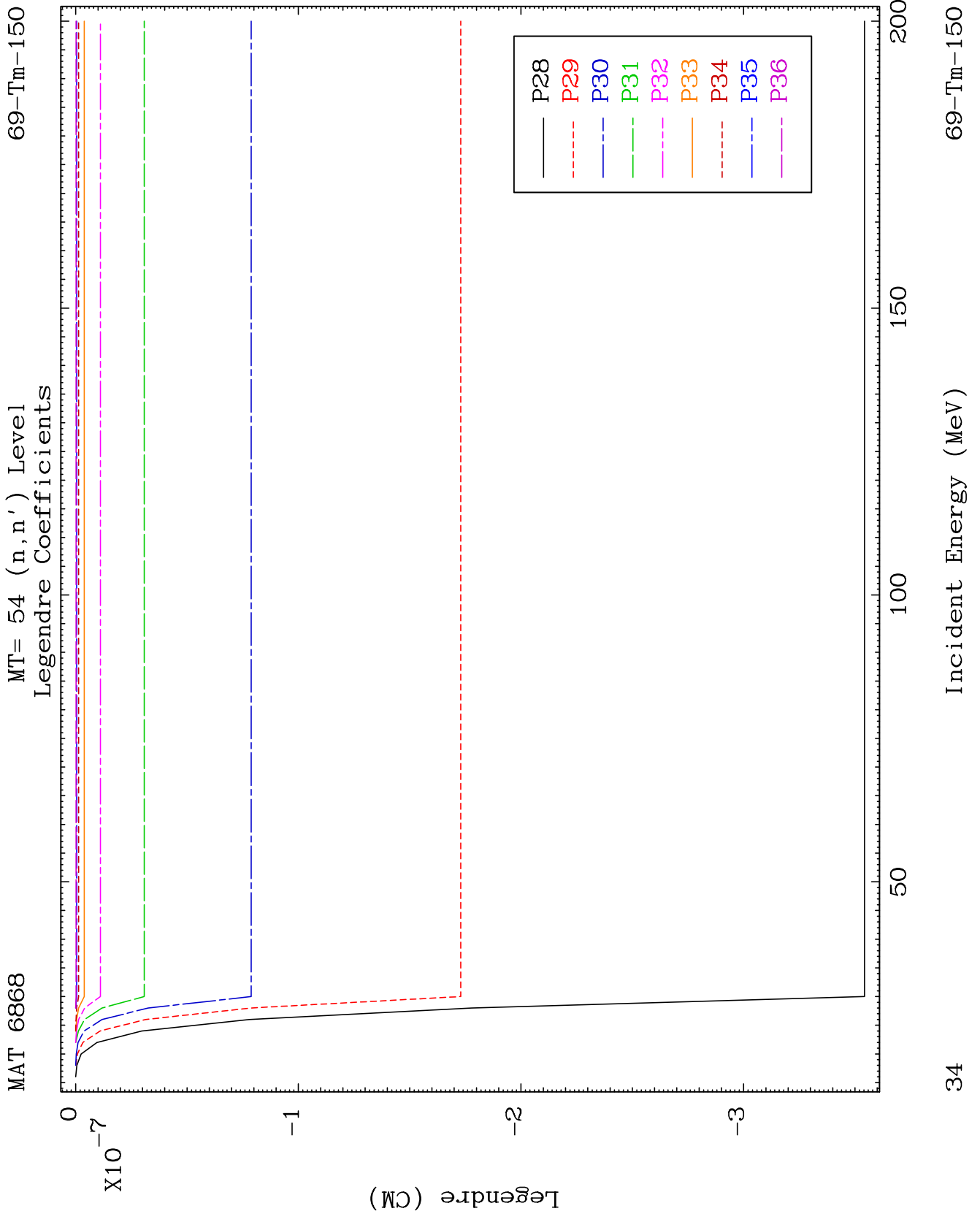


32

Incident Energy (MeV)

69-Tm-150

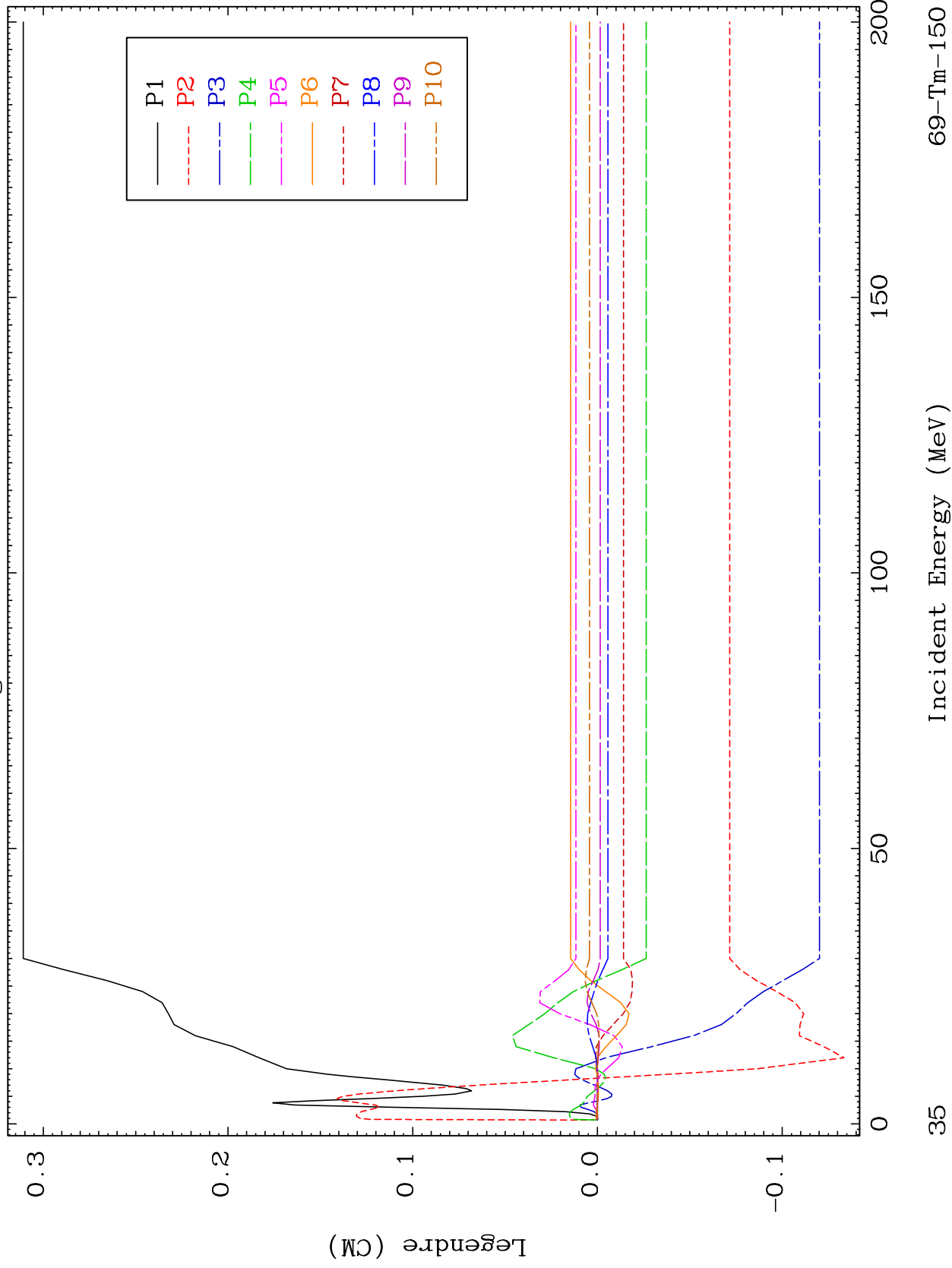




MAT 6868

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

69-Tm-150



69-Tm-150

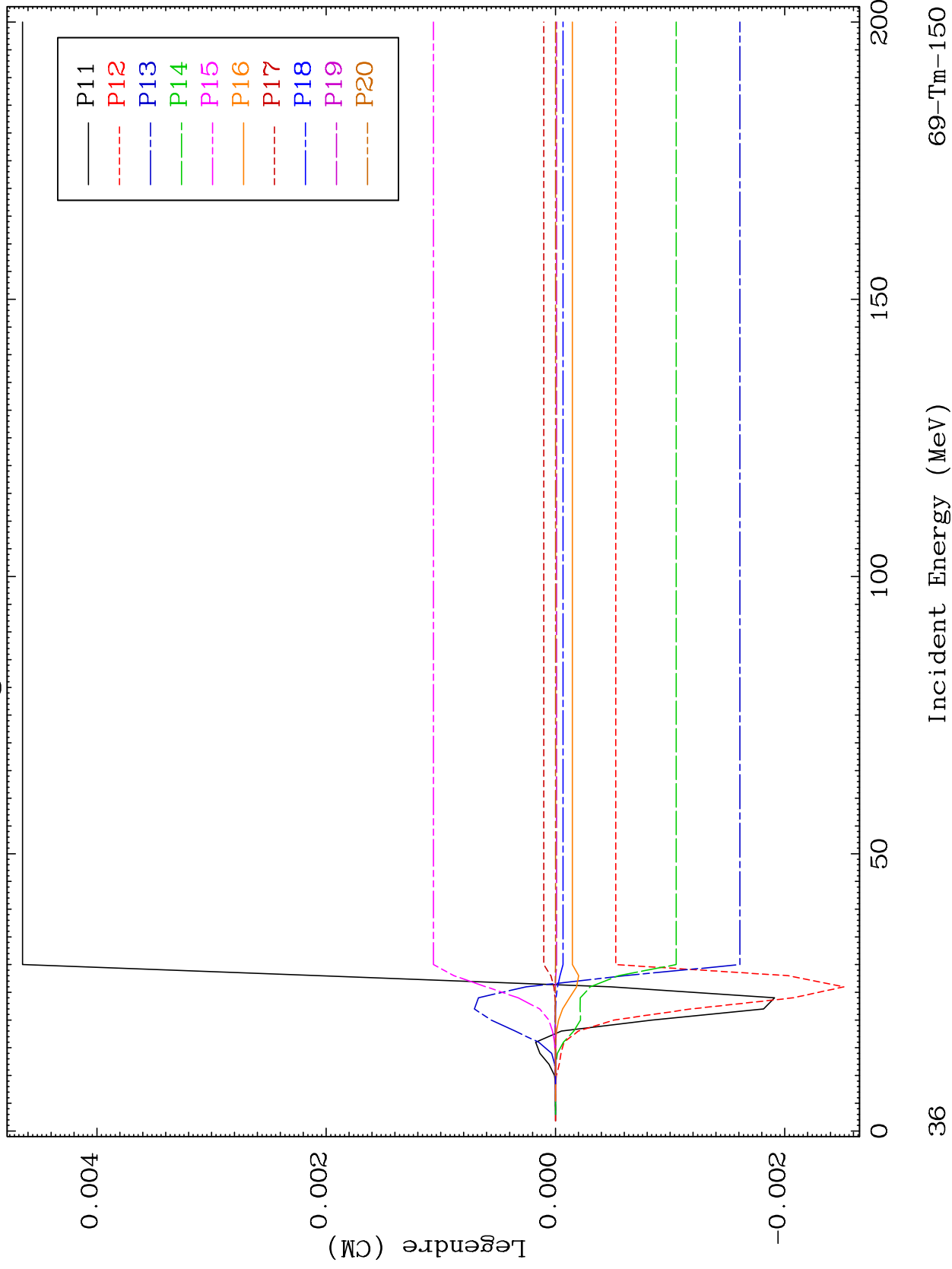
Incident Energy (MeV)

35

MAT 6868

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

69-Tm-150



69-Tm-150

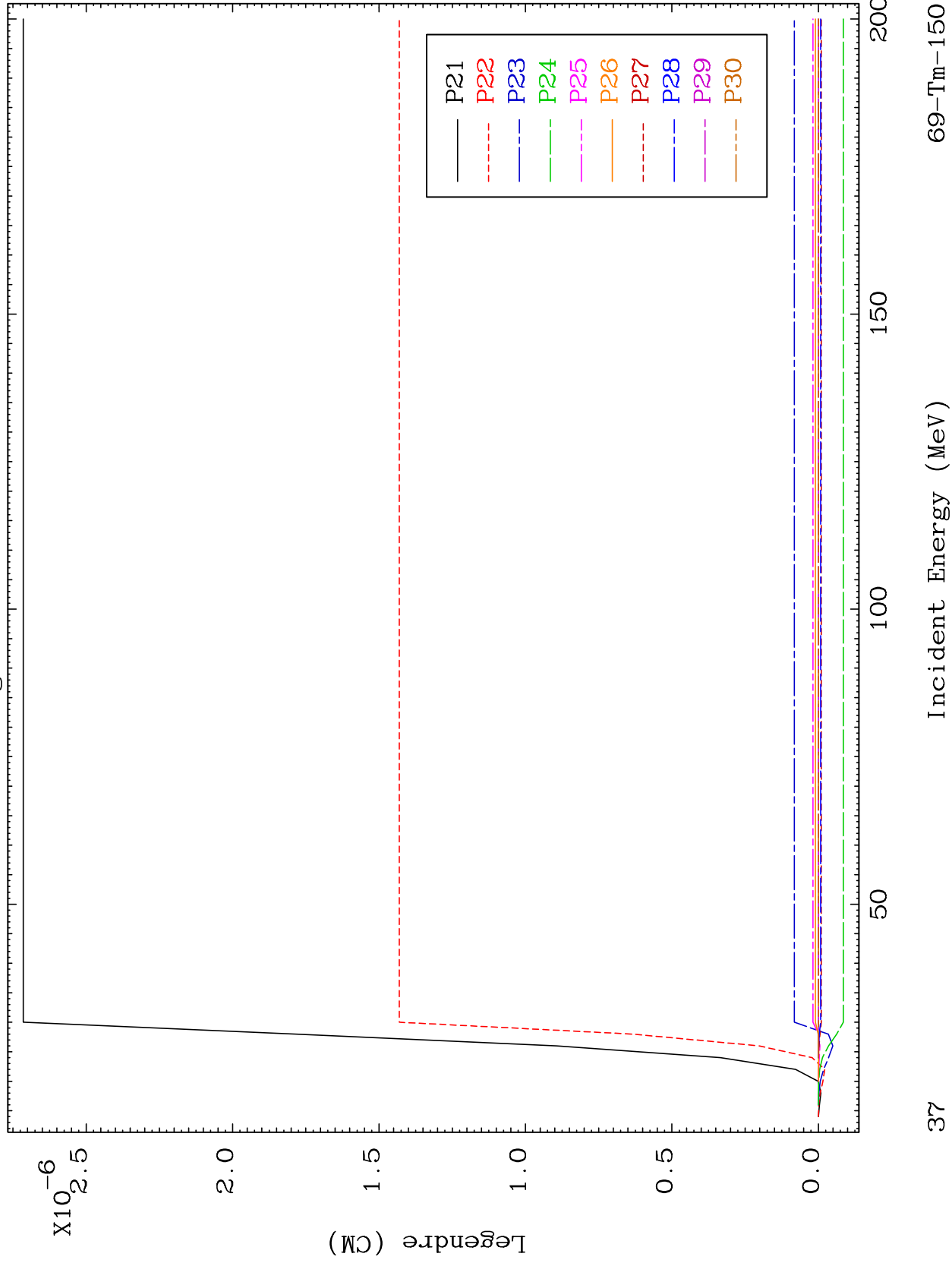
Incident Energy (MeV)

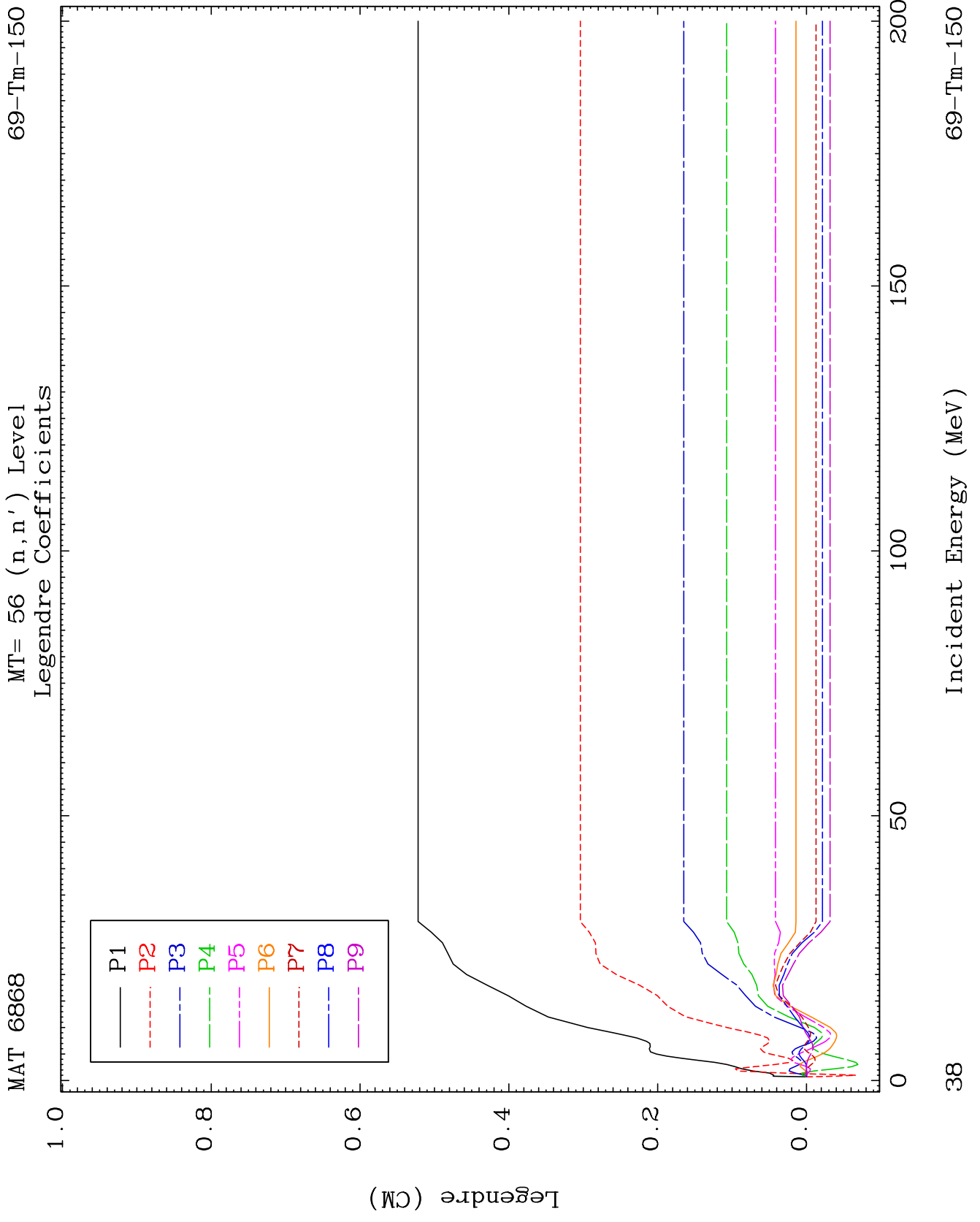
36

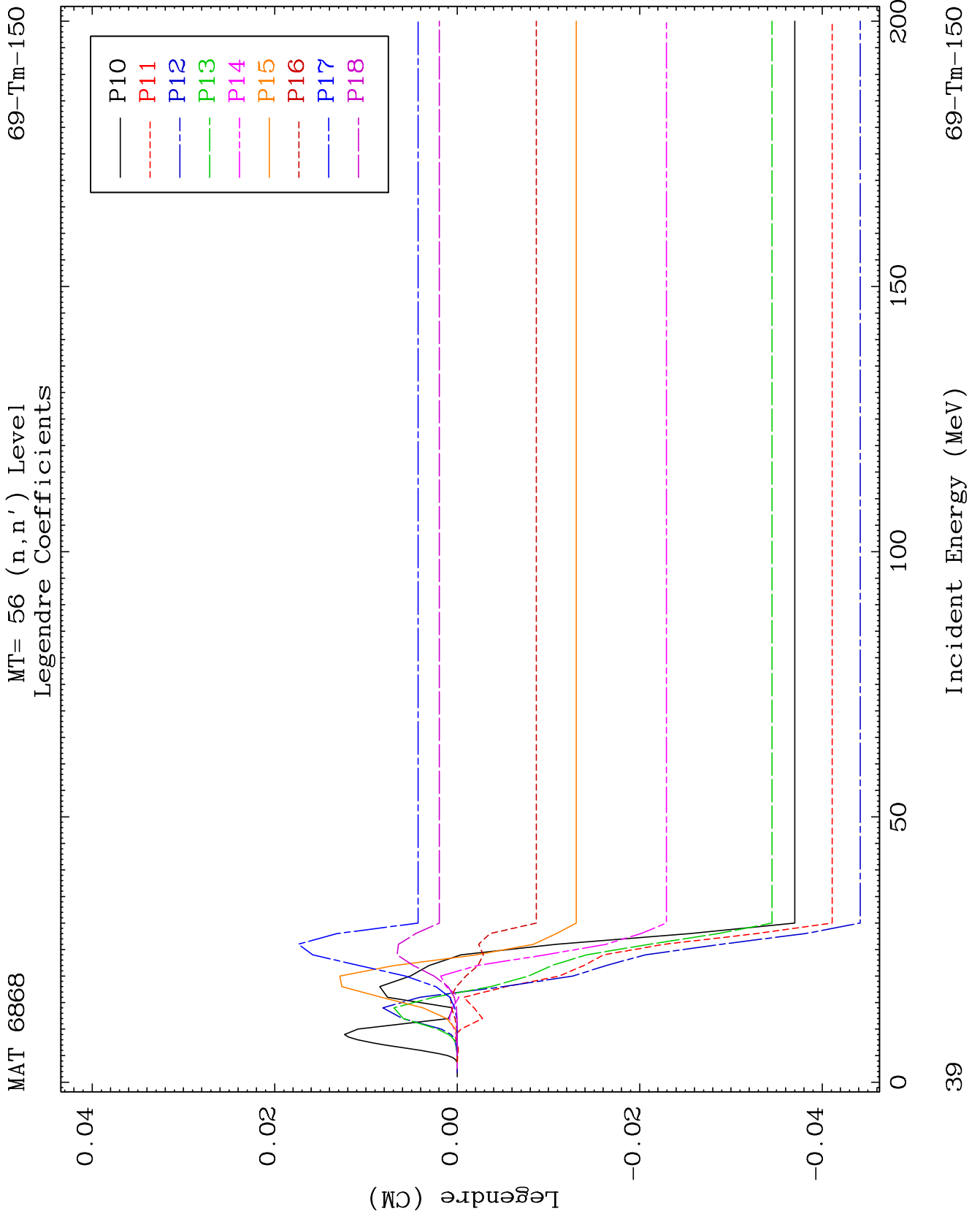
MAT 6868

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

69-Tm-150



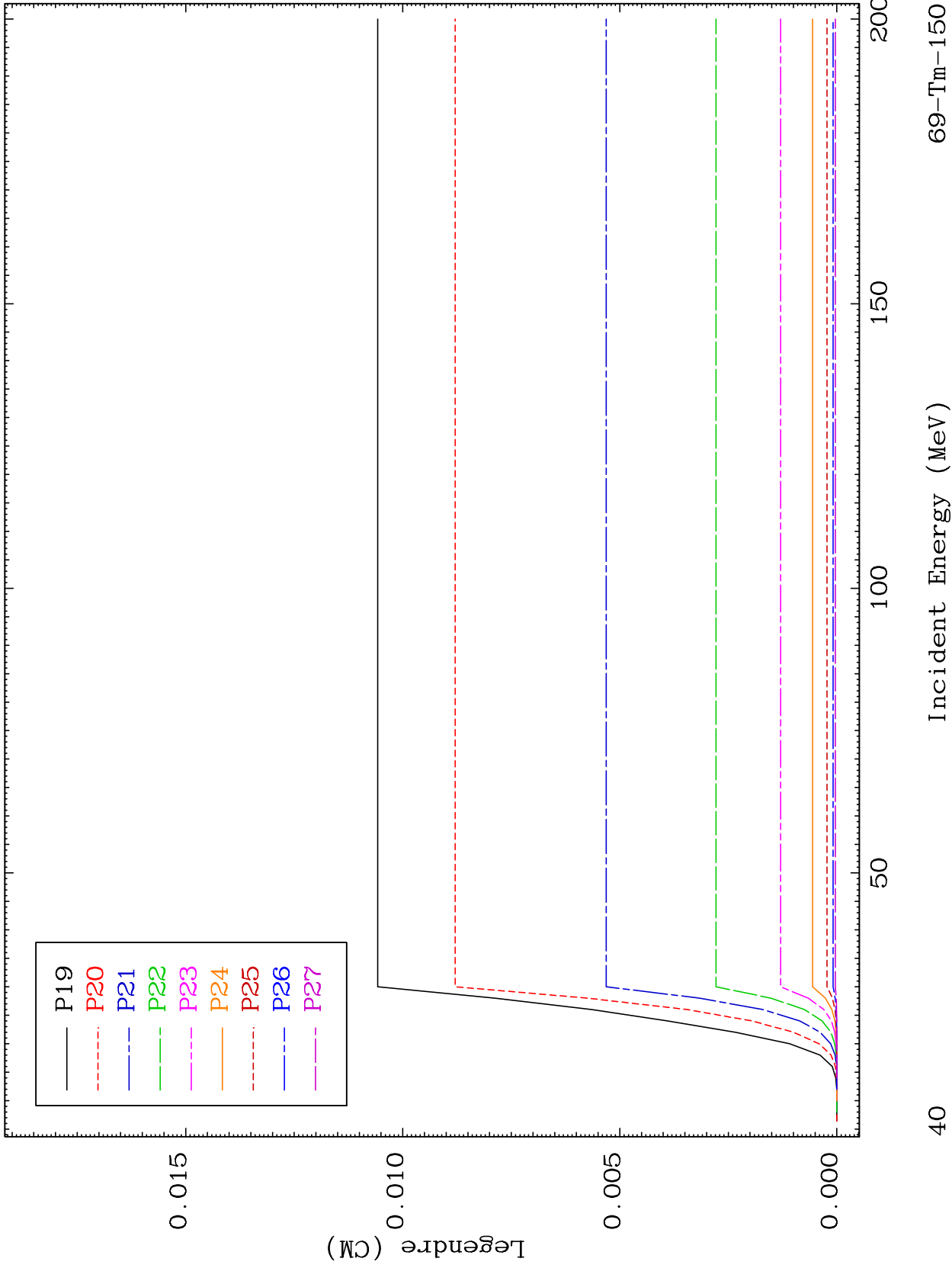




MAT 6868

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

69-Tm-150



40

50

100

150

200

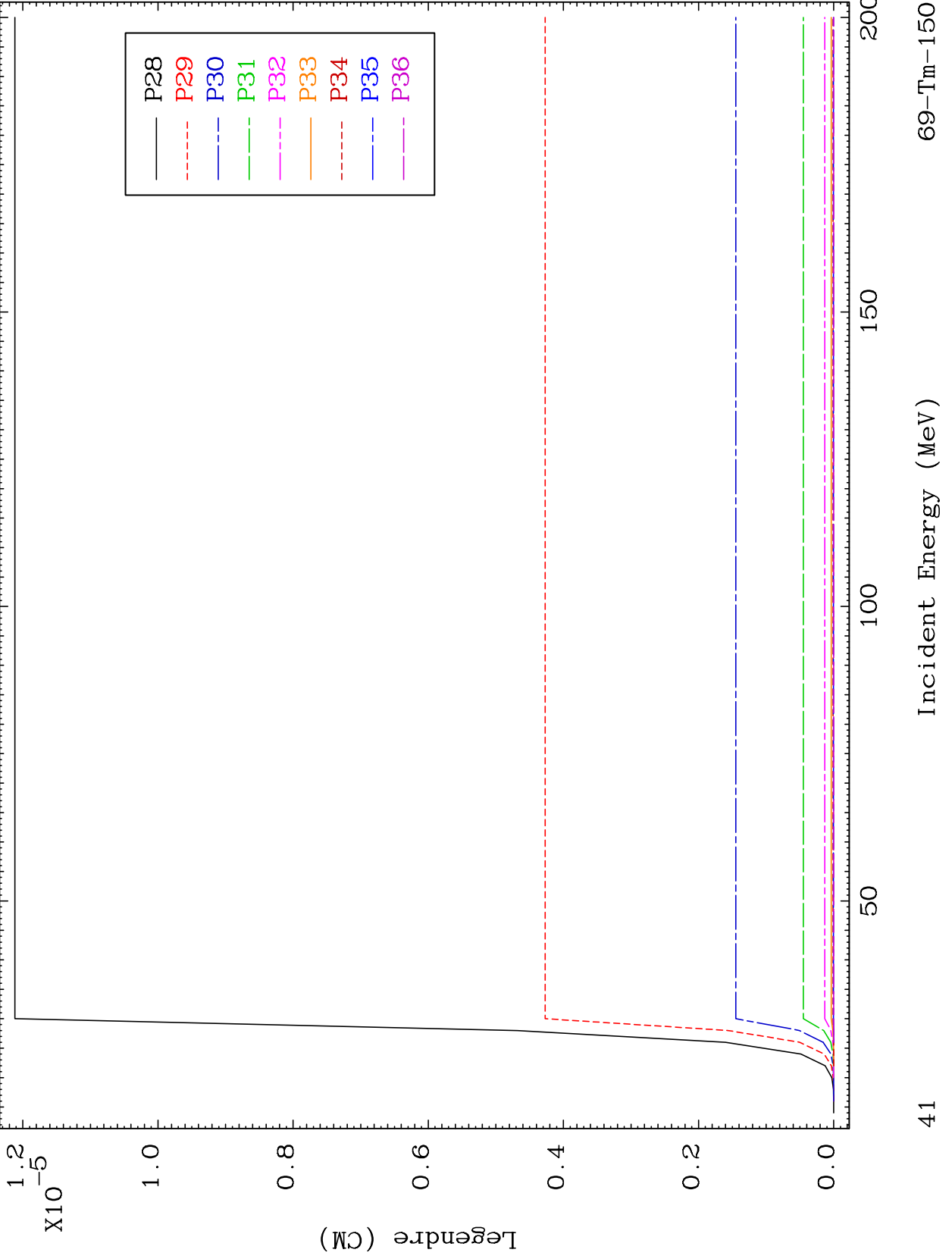
Incident Energy (MeV)

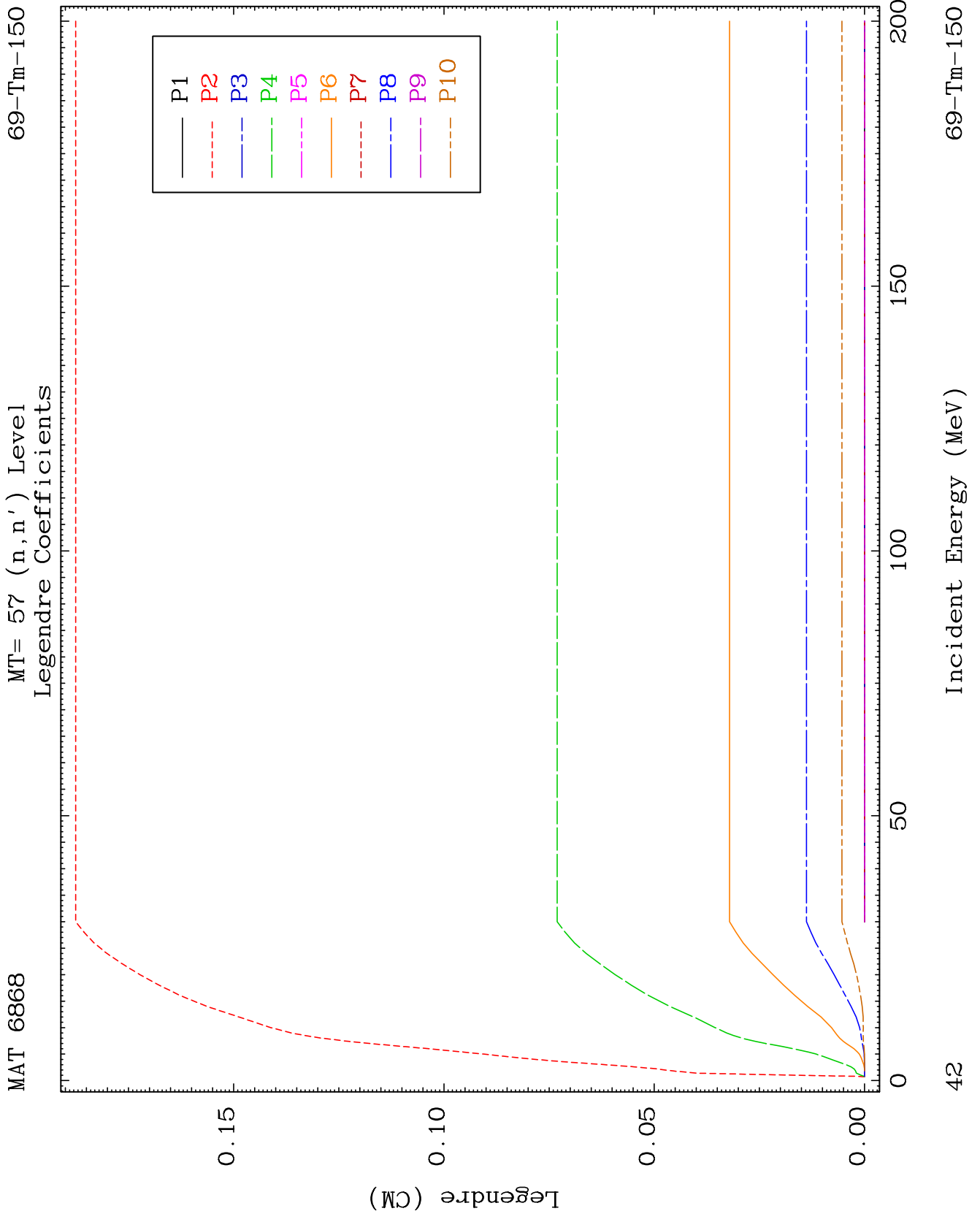
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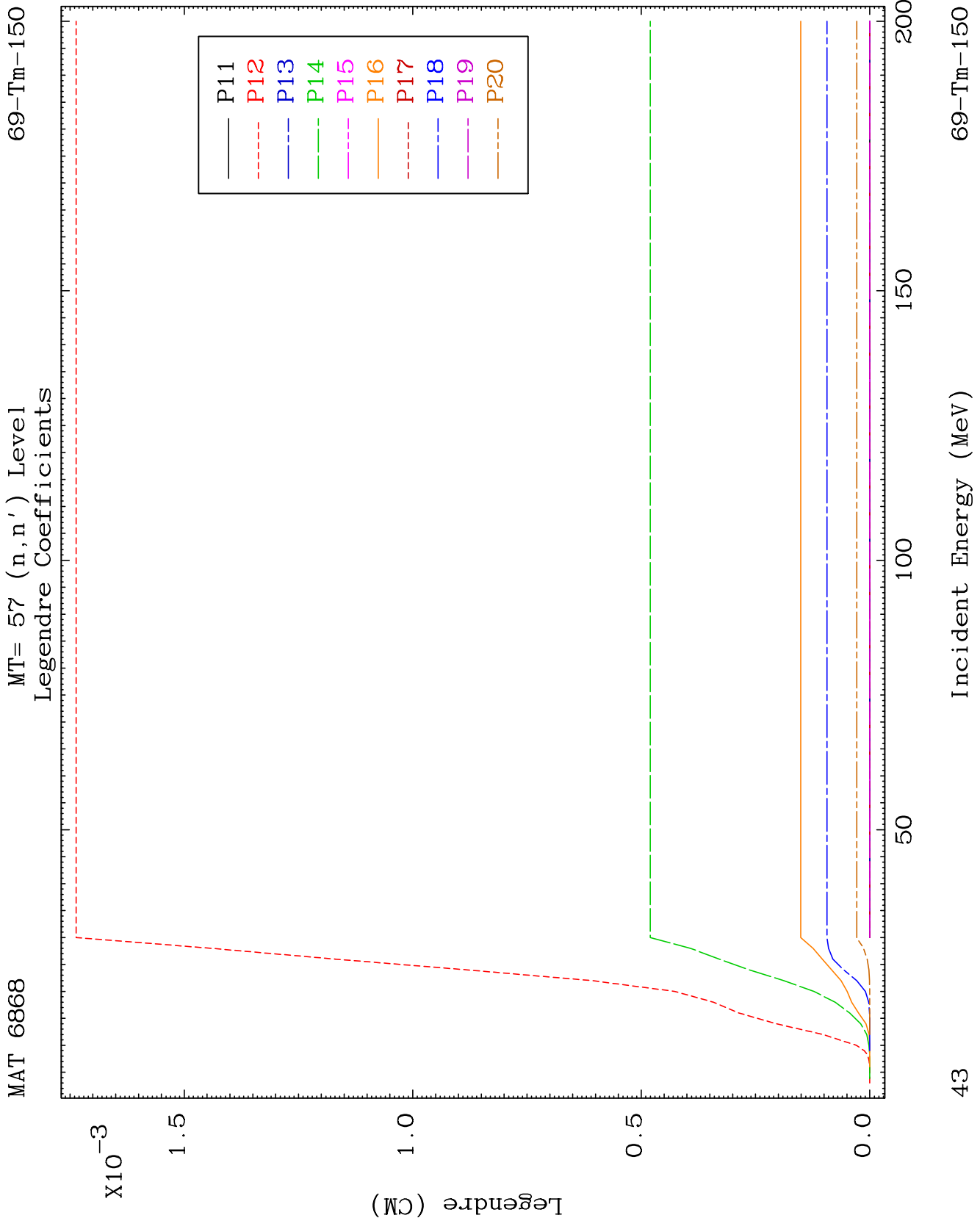
MAT 6868

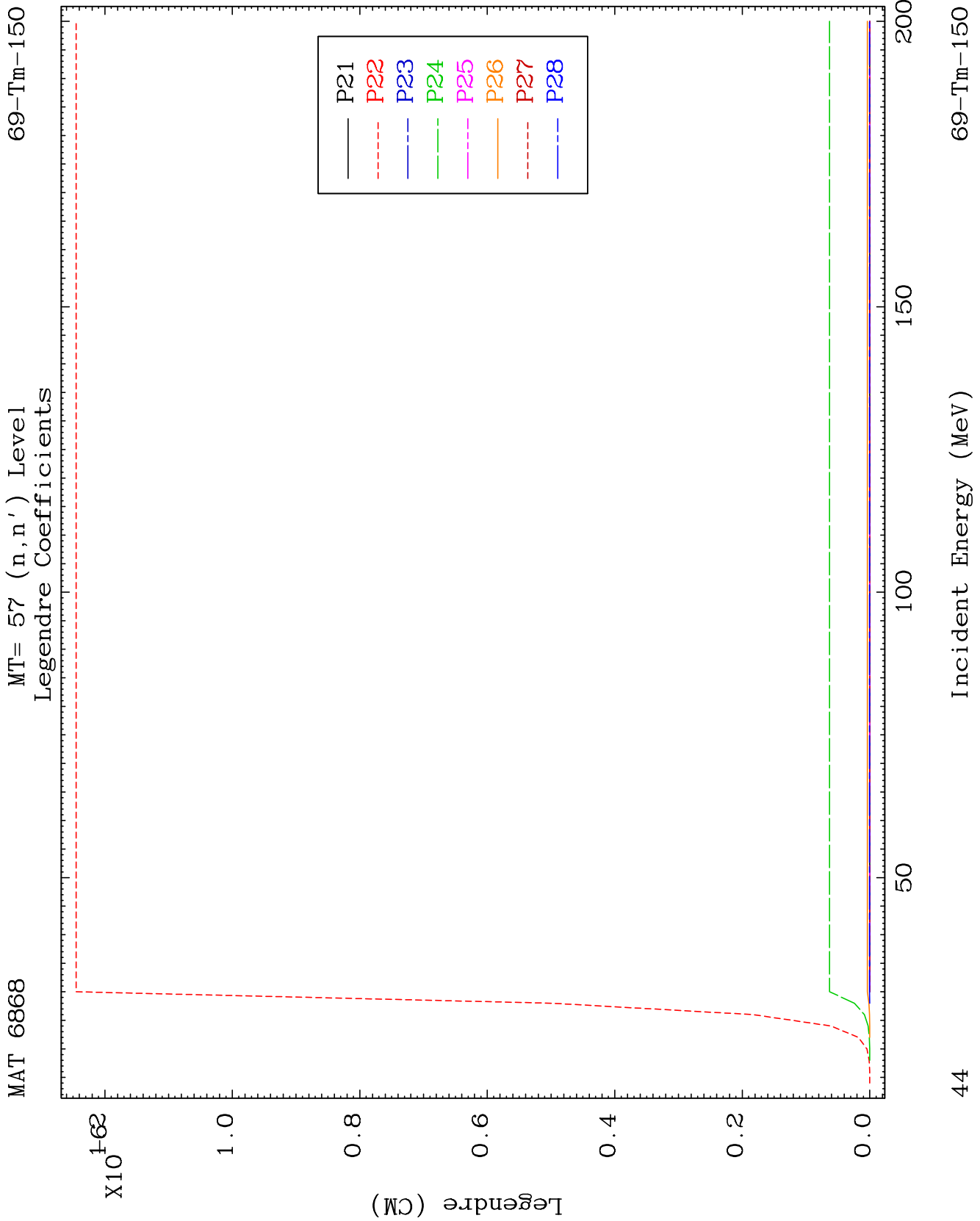
MT= 56 (n,n') Level
Legendre Coefficients

69-Tm-150





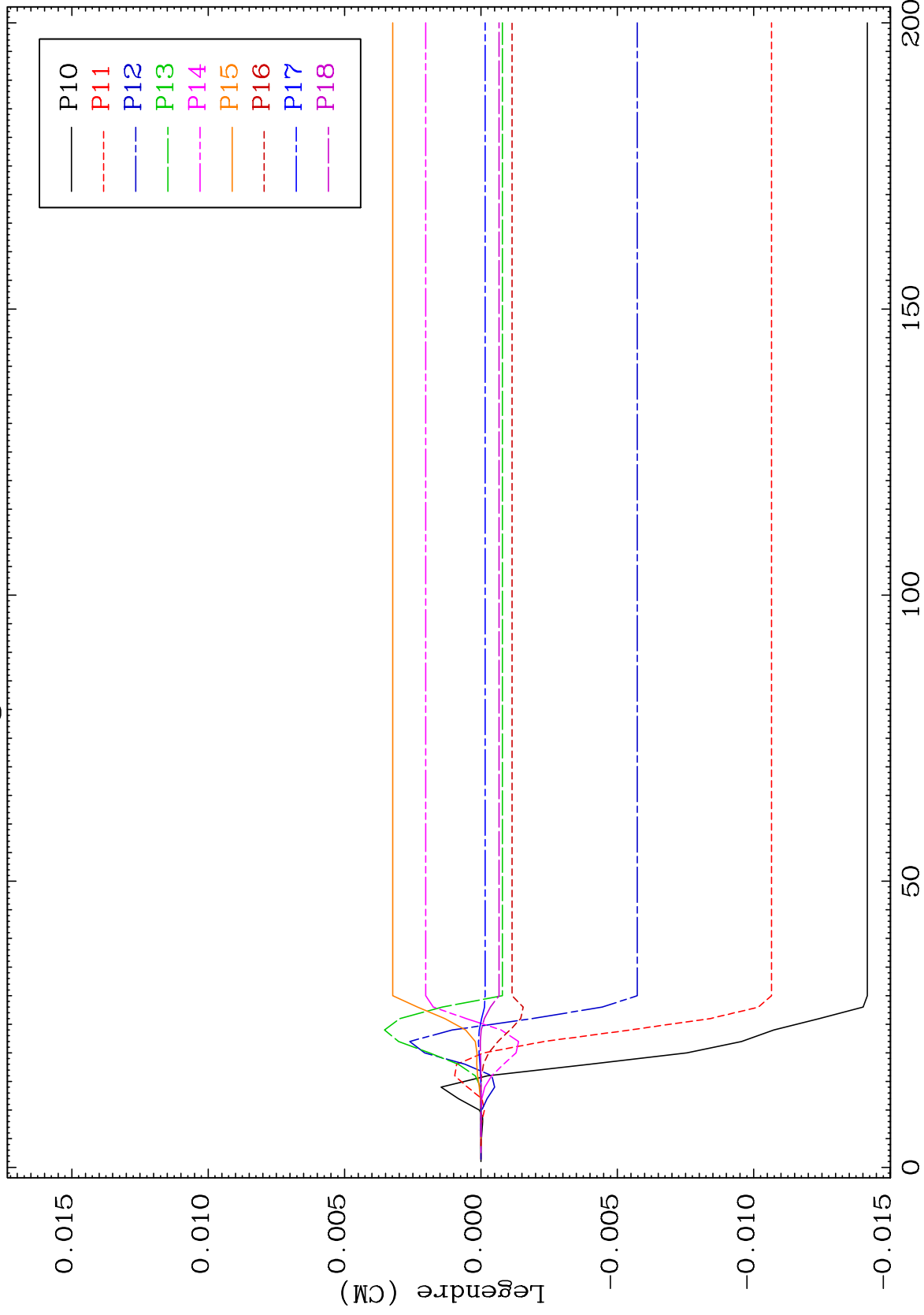




MAT 6868

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

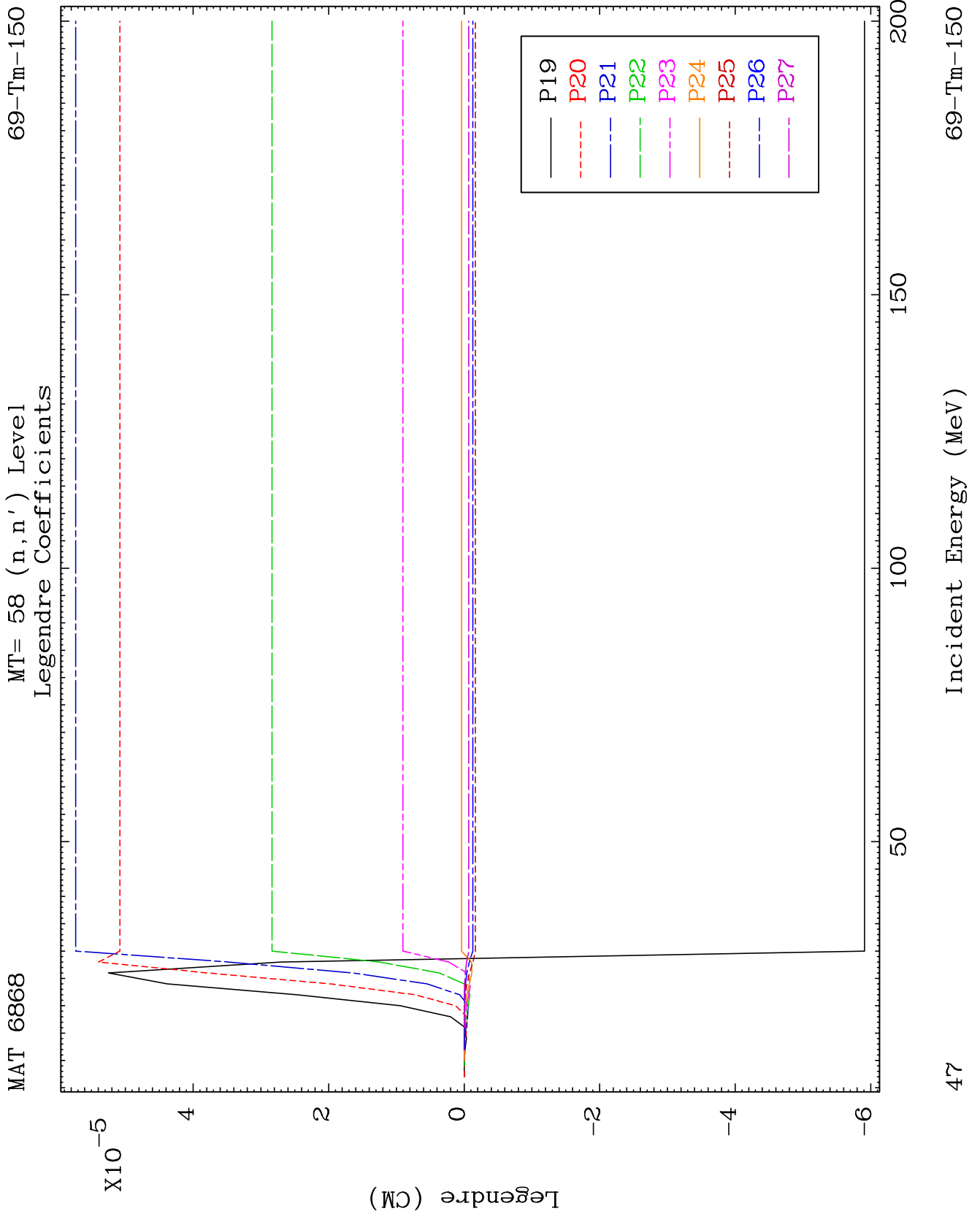
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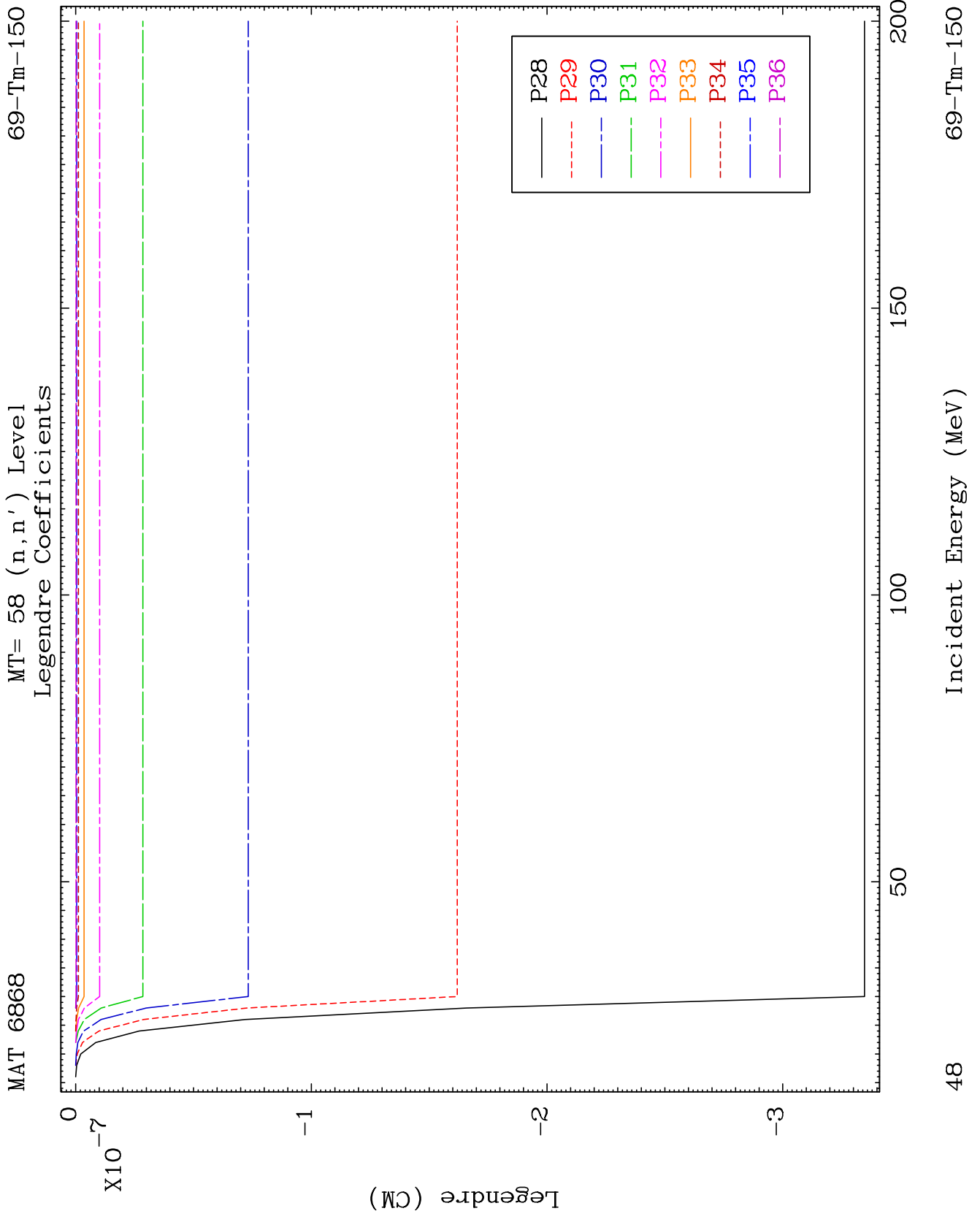


46

Incident Energy (MeV)

69-Tm-150

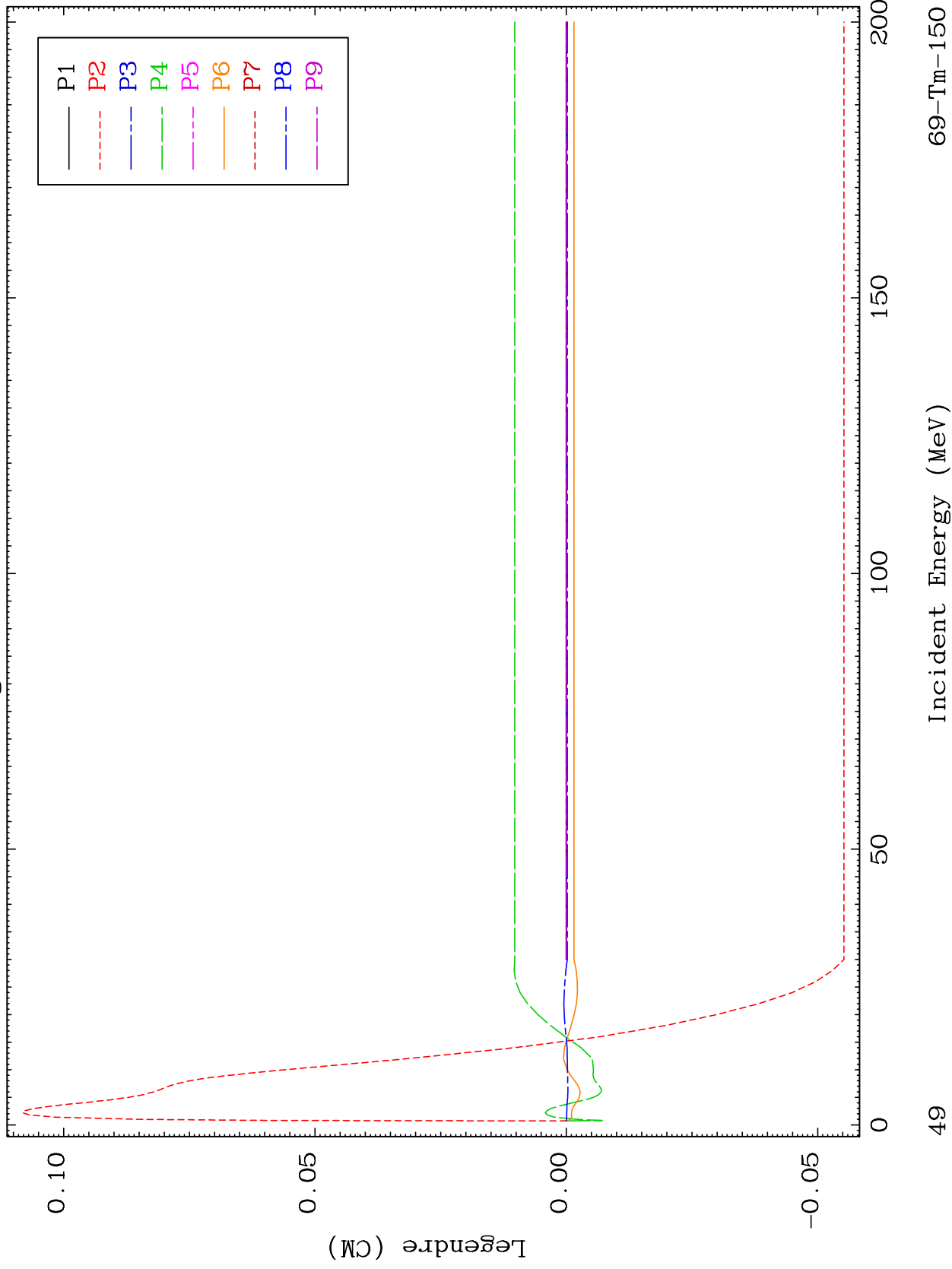




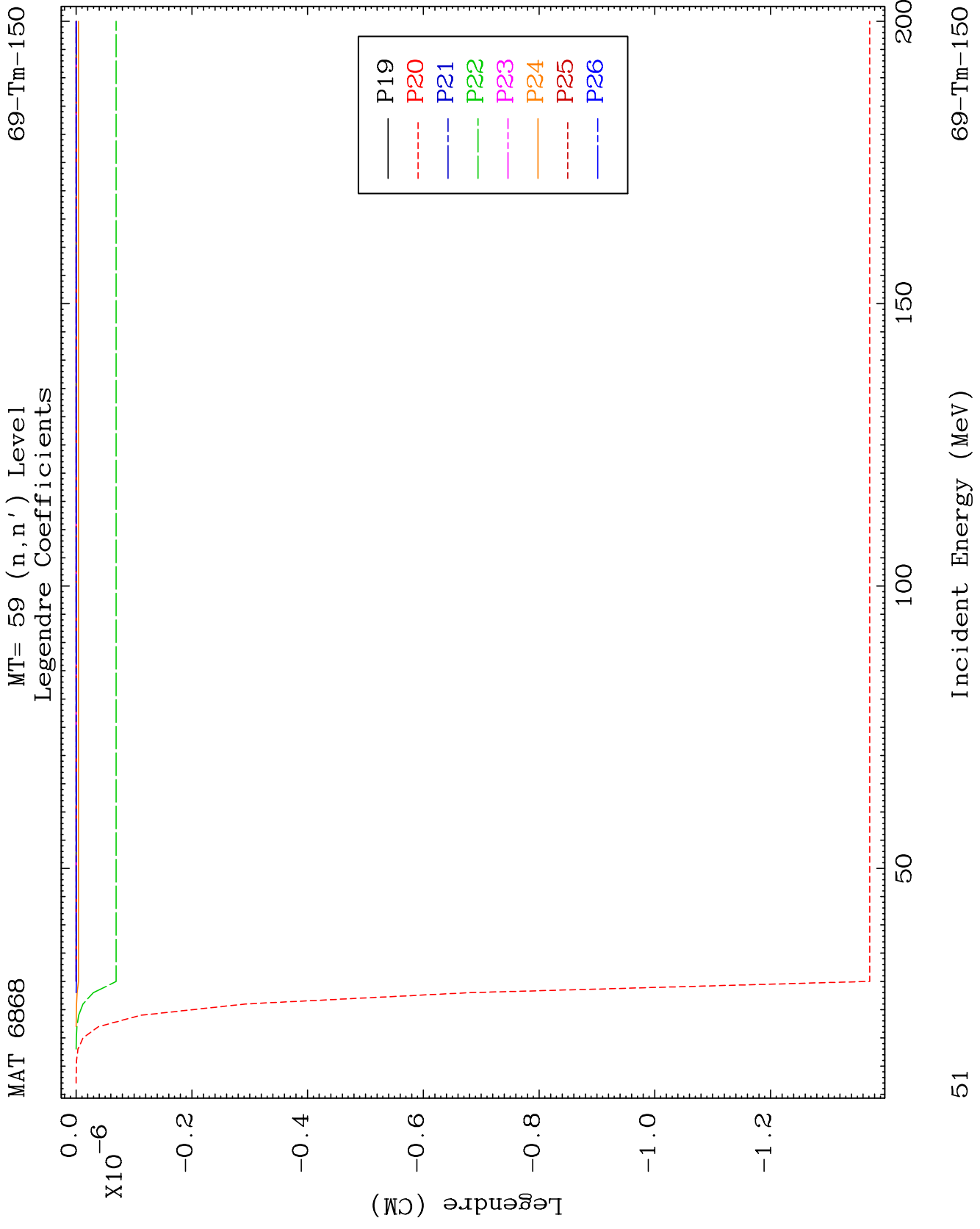
MAT 6868

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

69-Tm-150



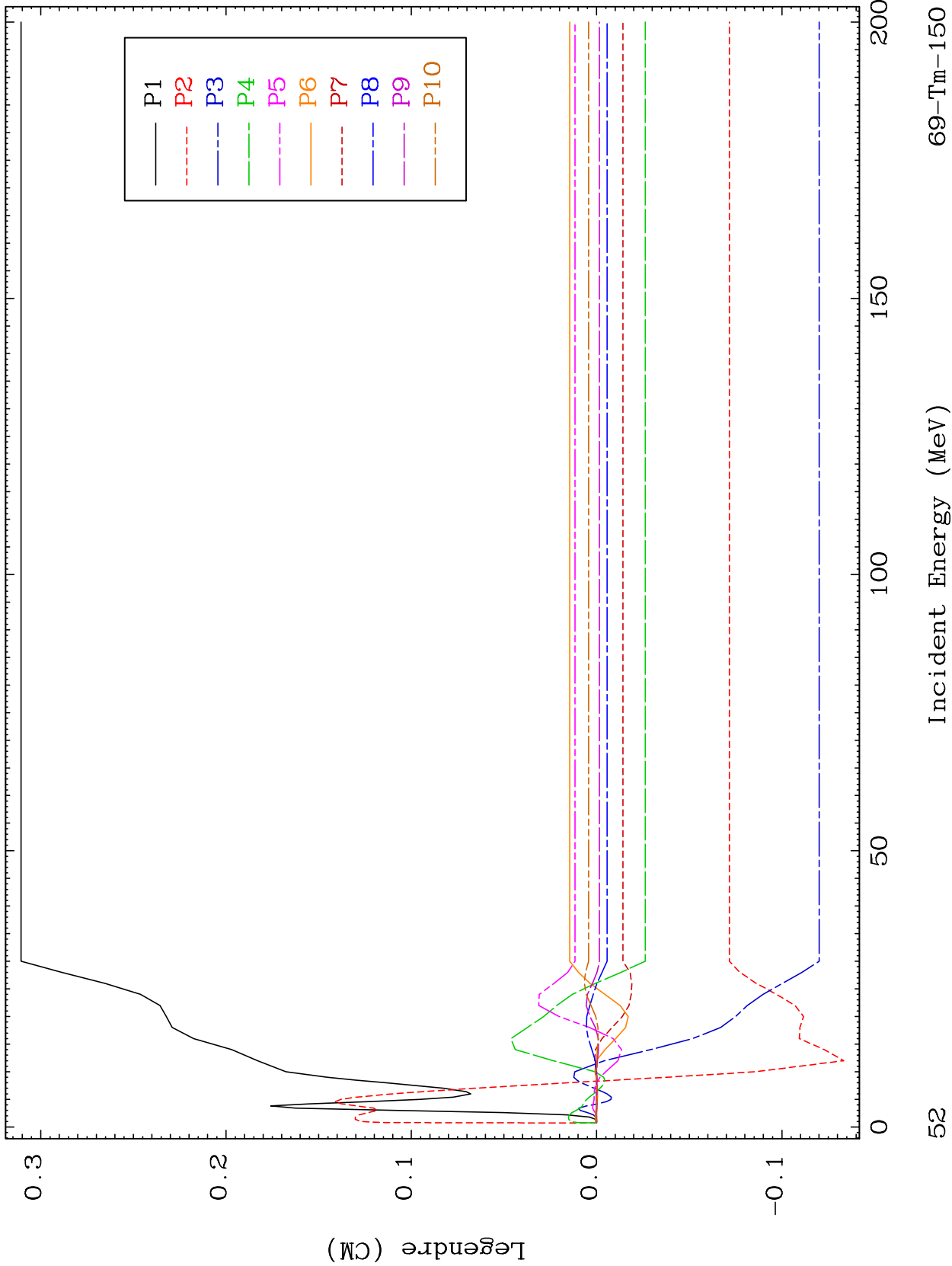
49



MAT 6868

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

69-Tm-150



52

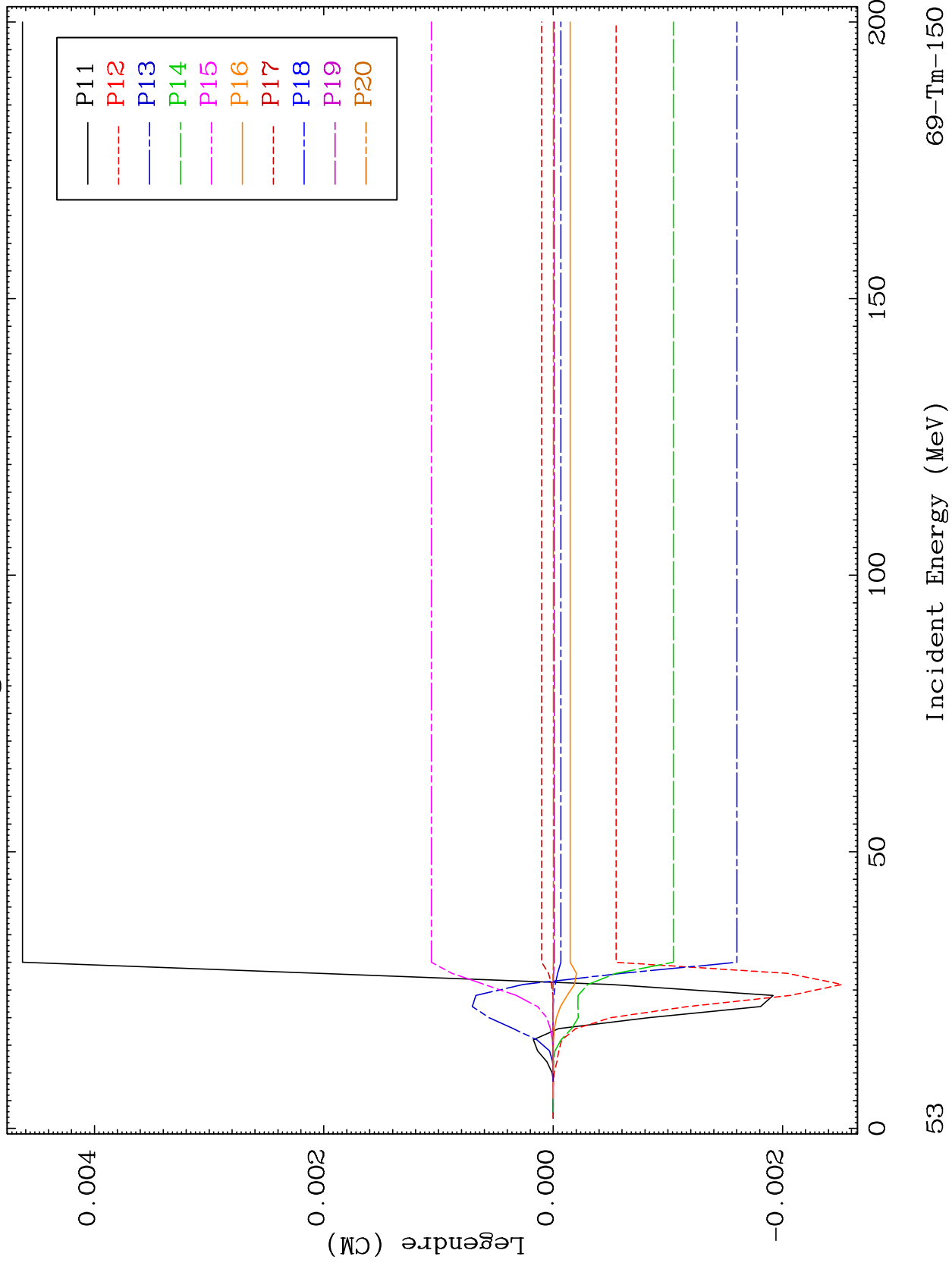
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

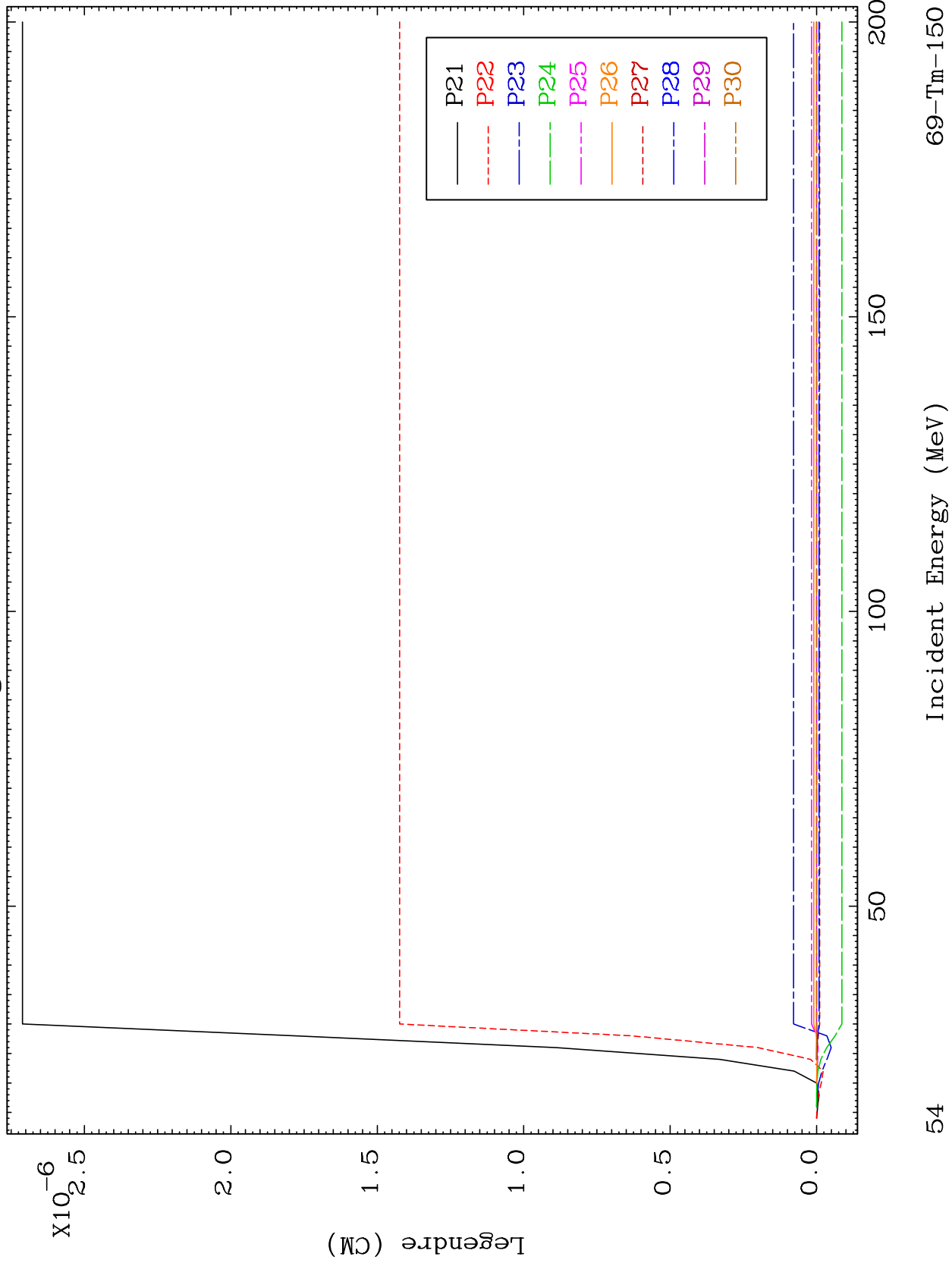
69-Tm-150



MAT 6868

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

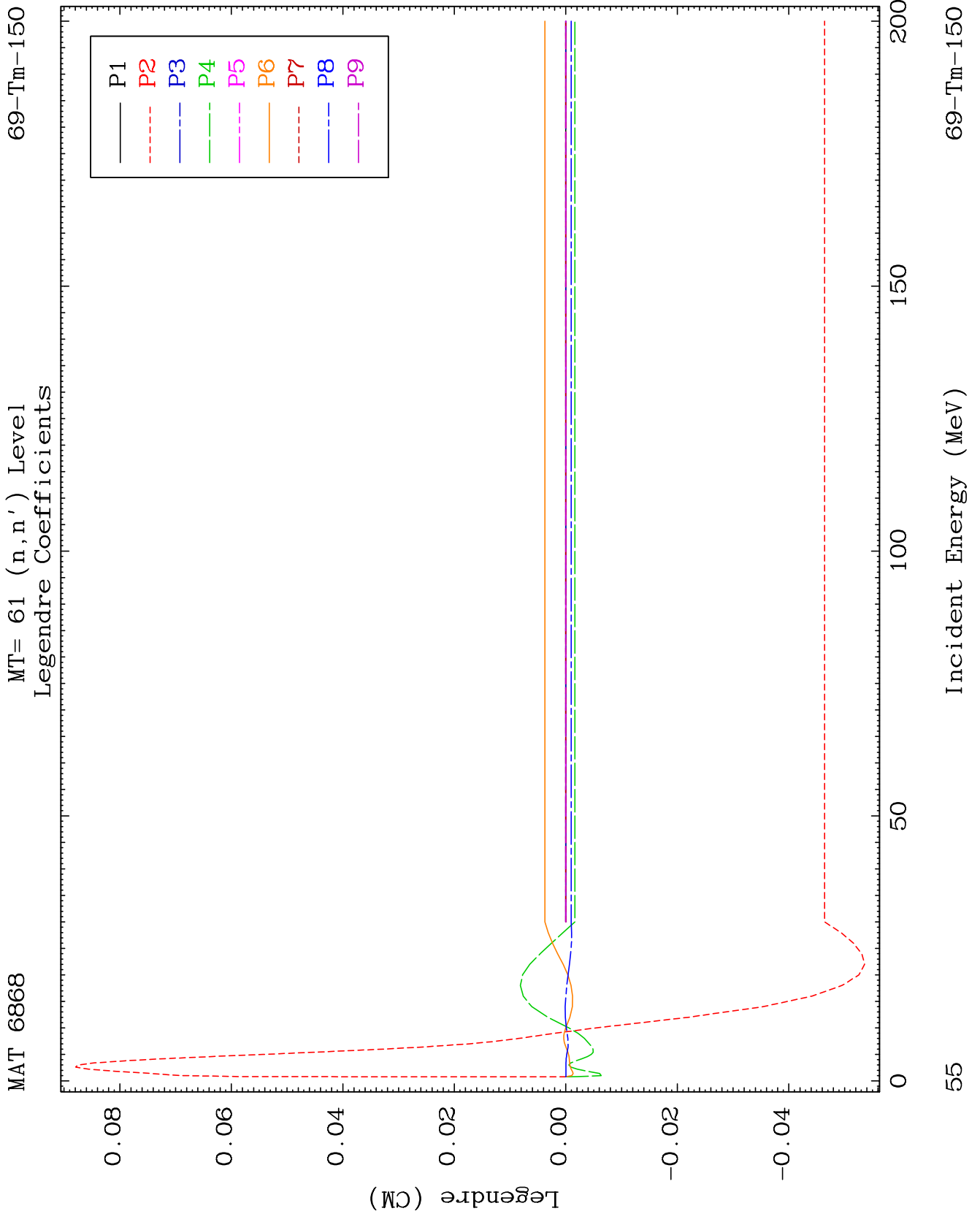
69-Tm-150



54

Incident Energy (MeV)

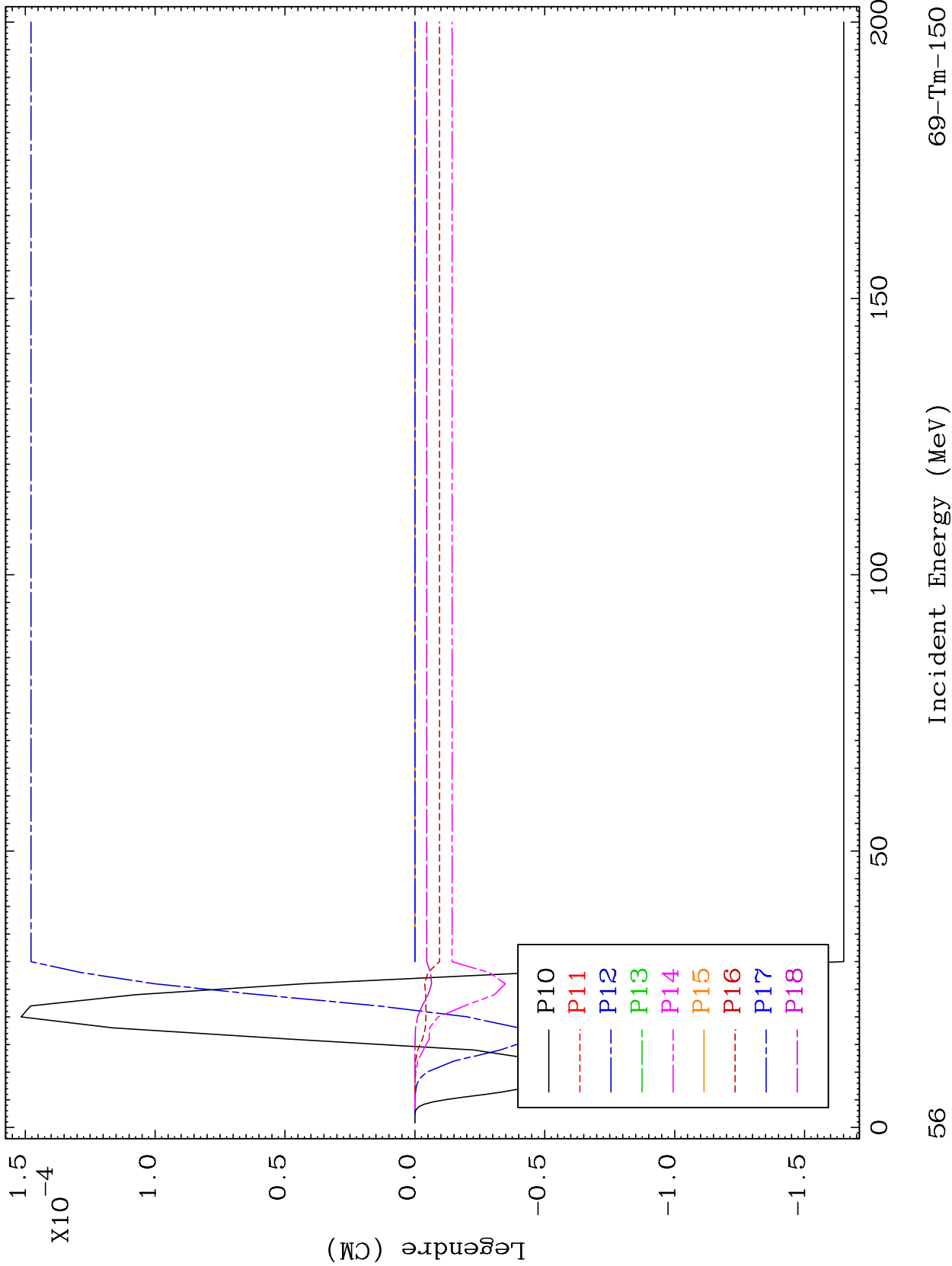
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MAT 6868

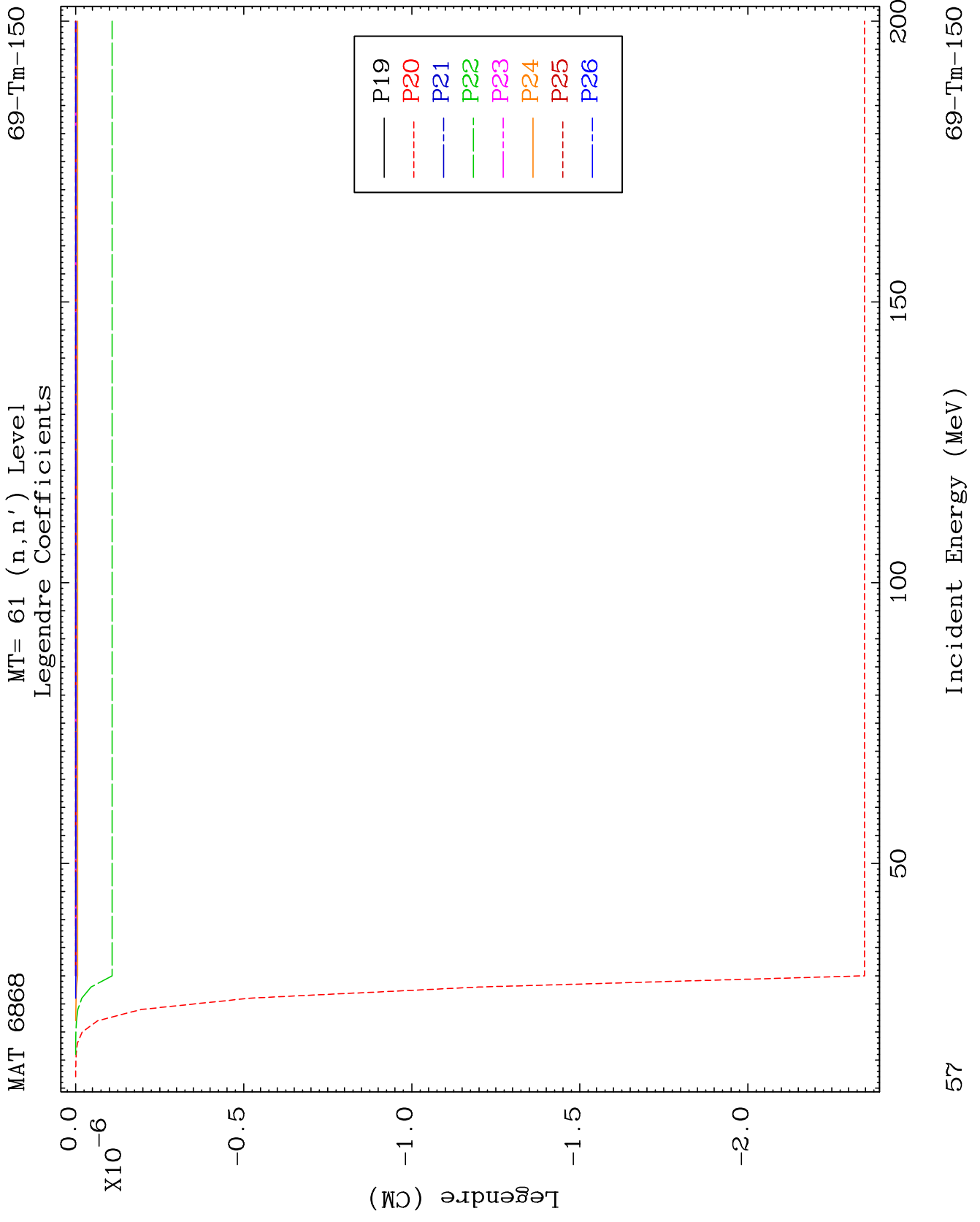
MT= 61 (n,n') Level
Legendre Coefficients

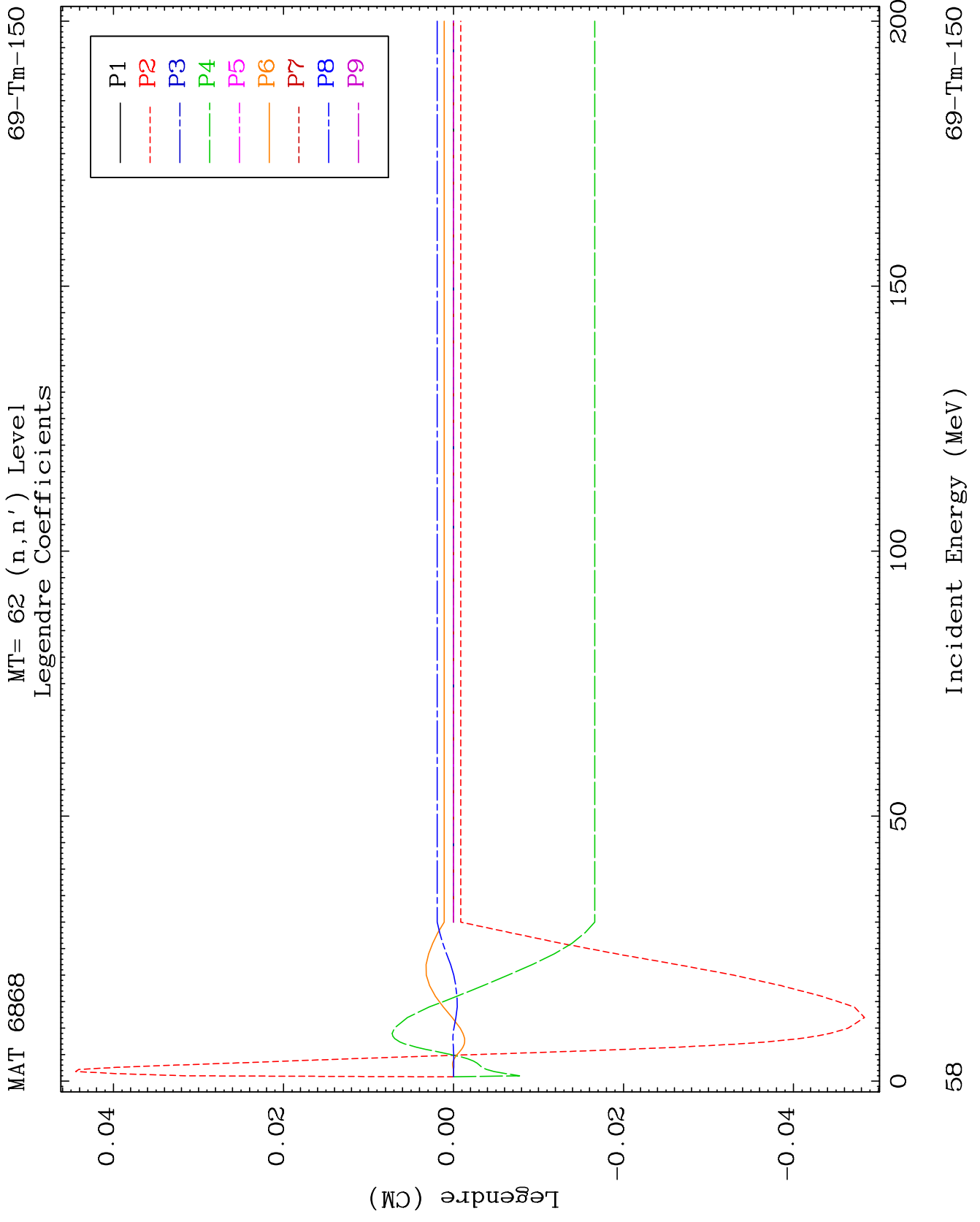
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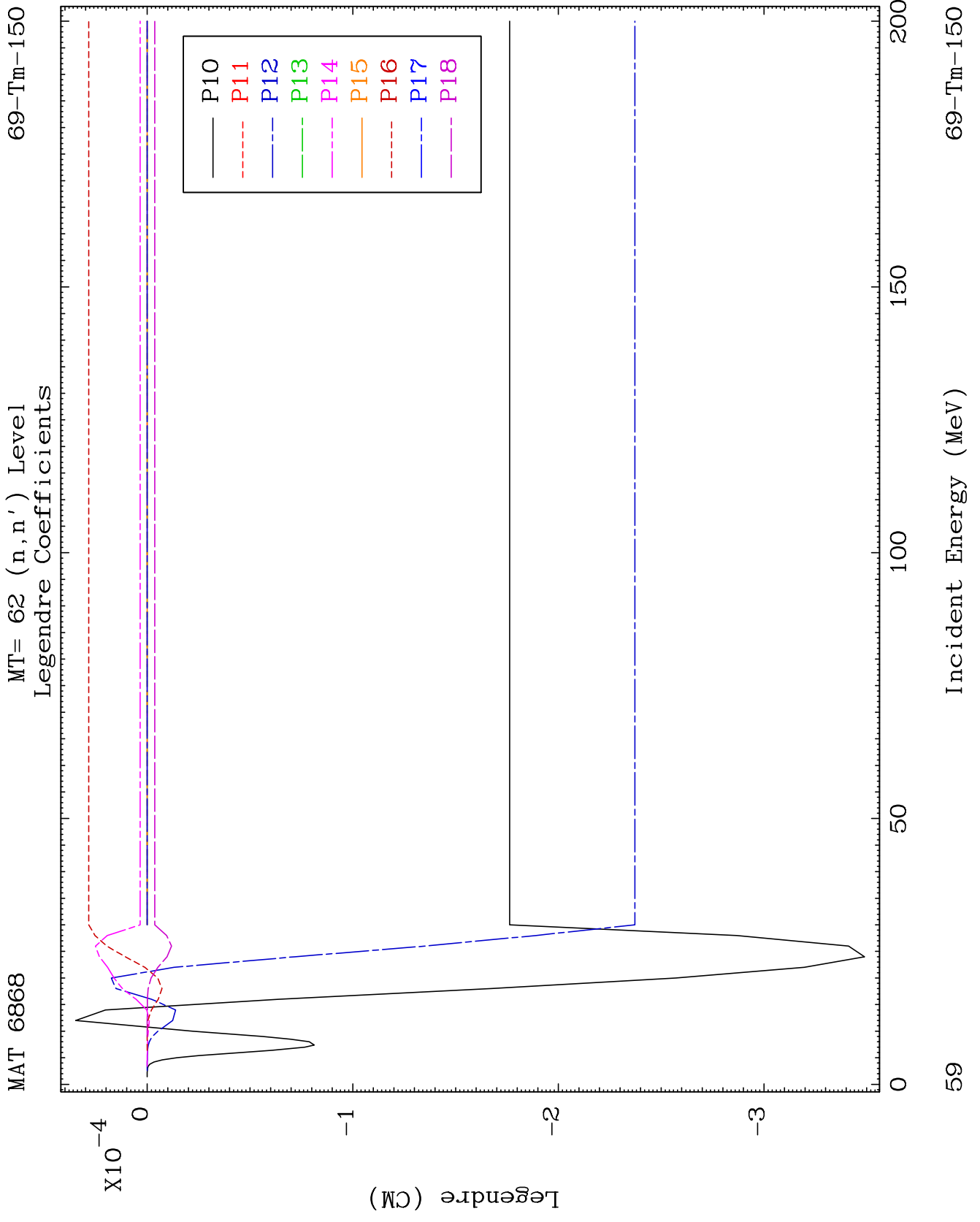


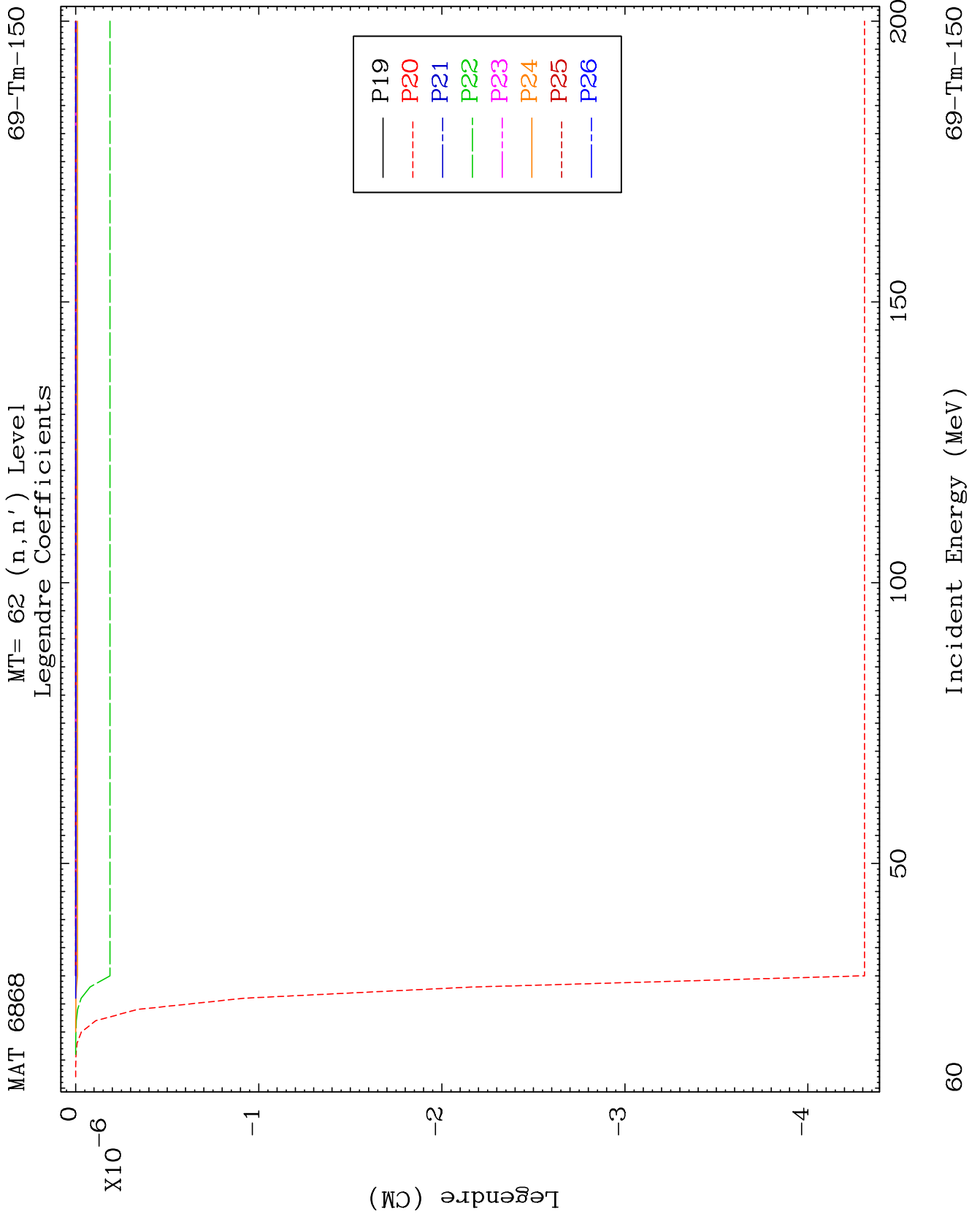
56

69-Tm-150





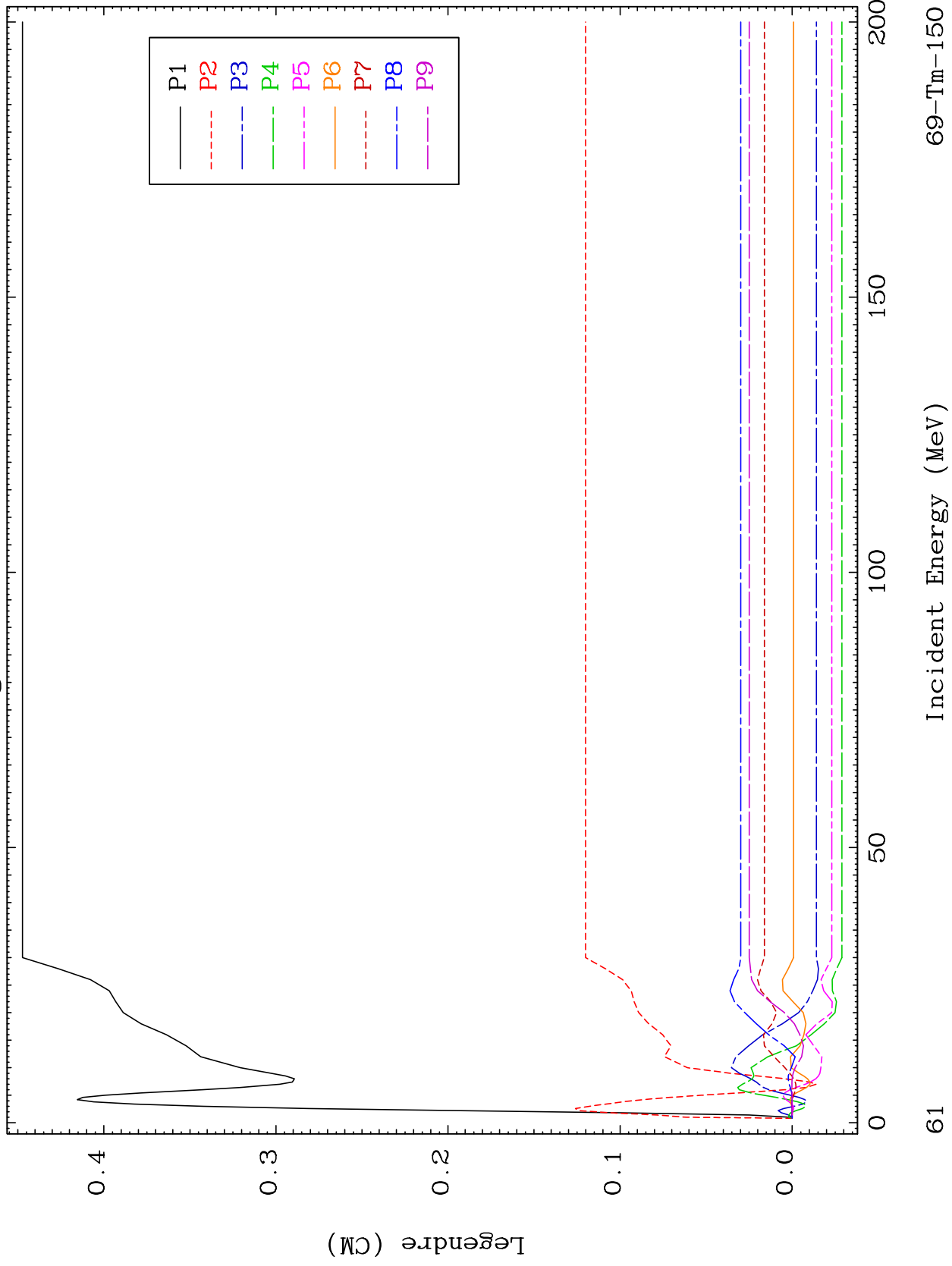




MAT 6868

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

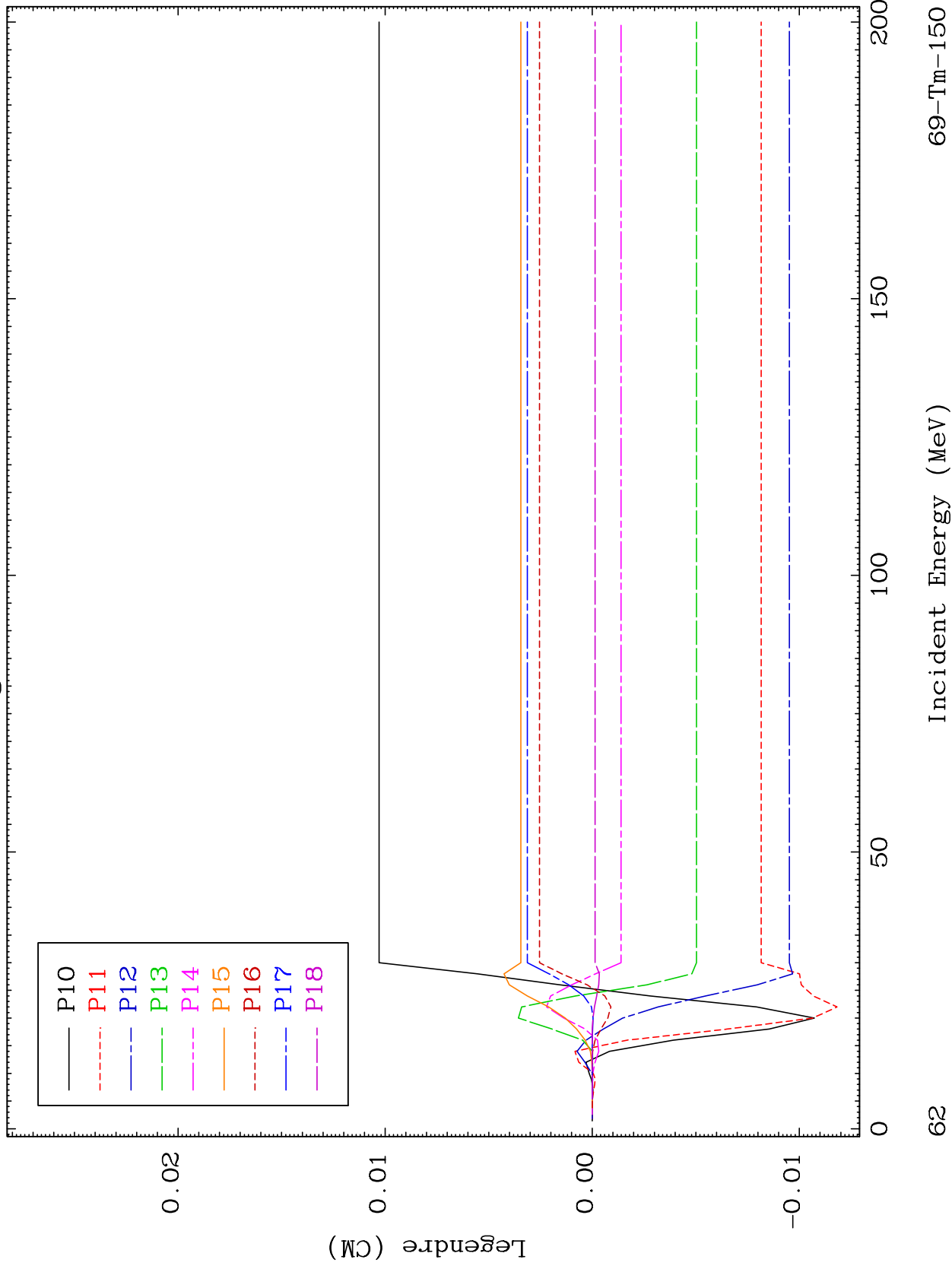
69-Tm-150



MAT 6868

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

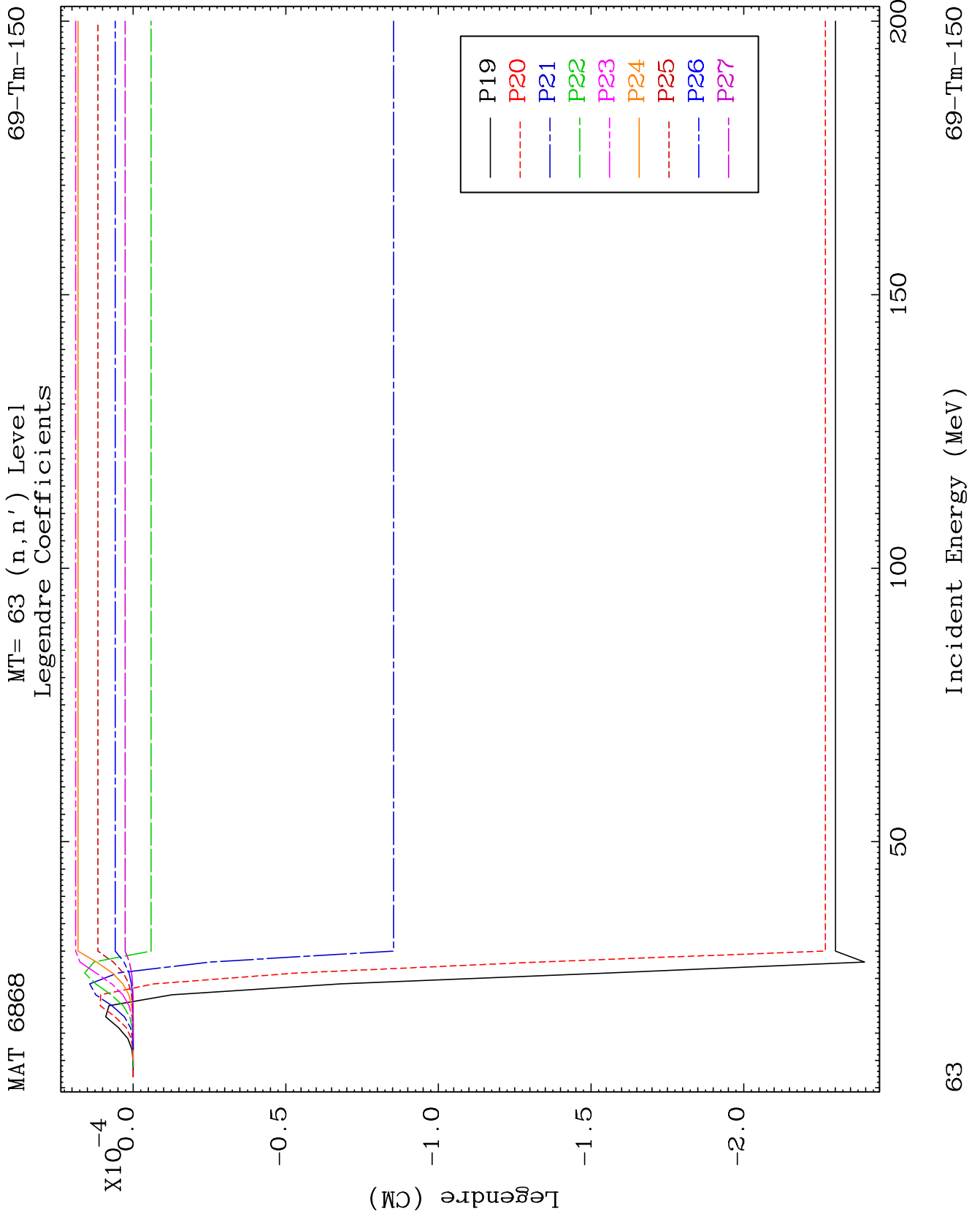
69-Tm-150



62

Incident Energy (MeV)

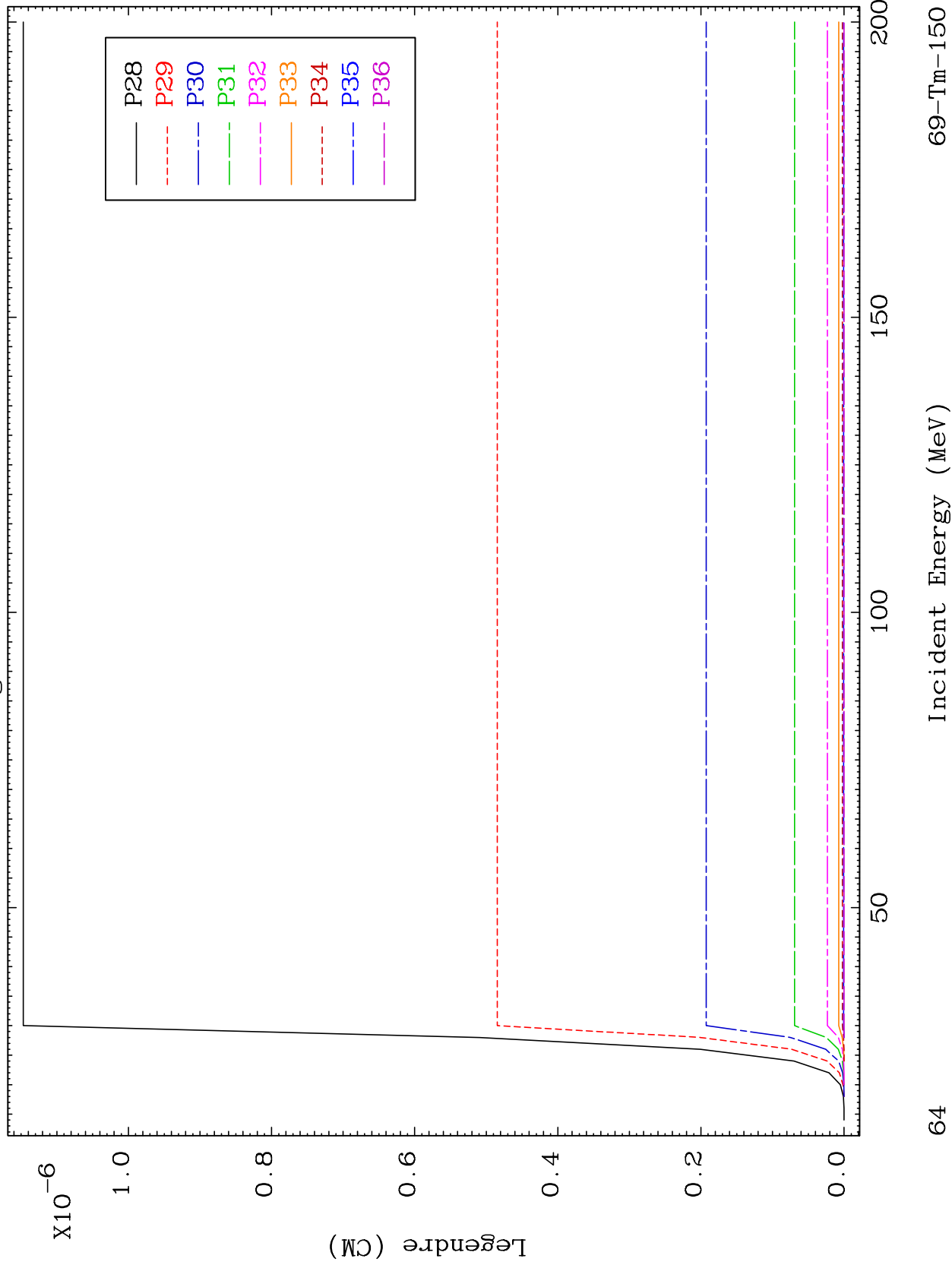
69-Tm-150



MAT 6868

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

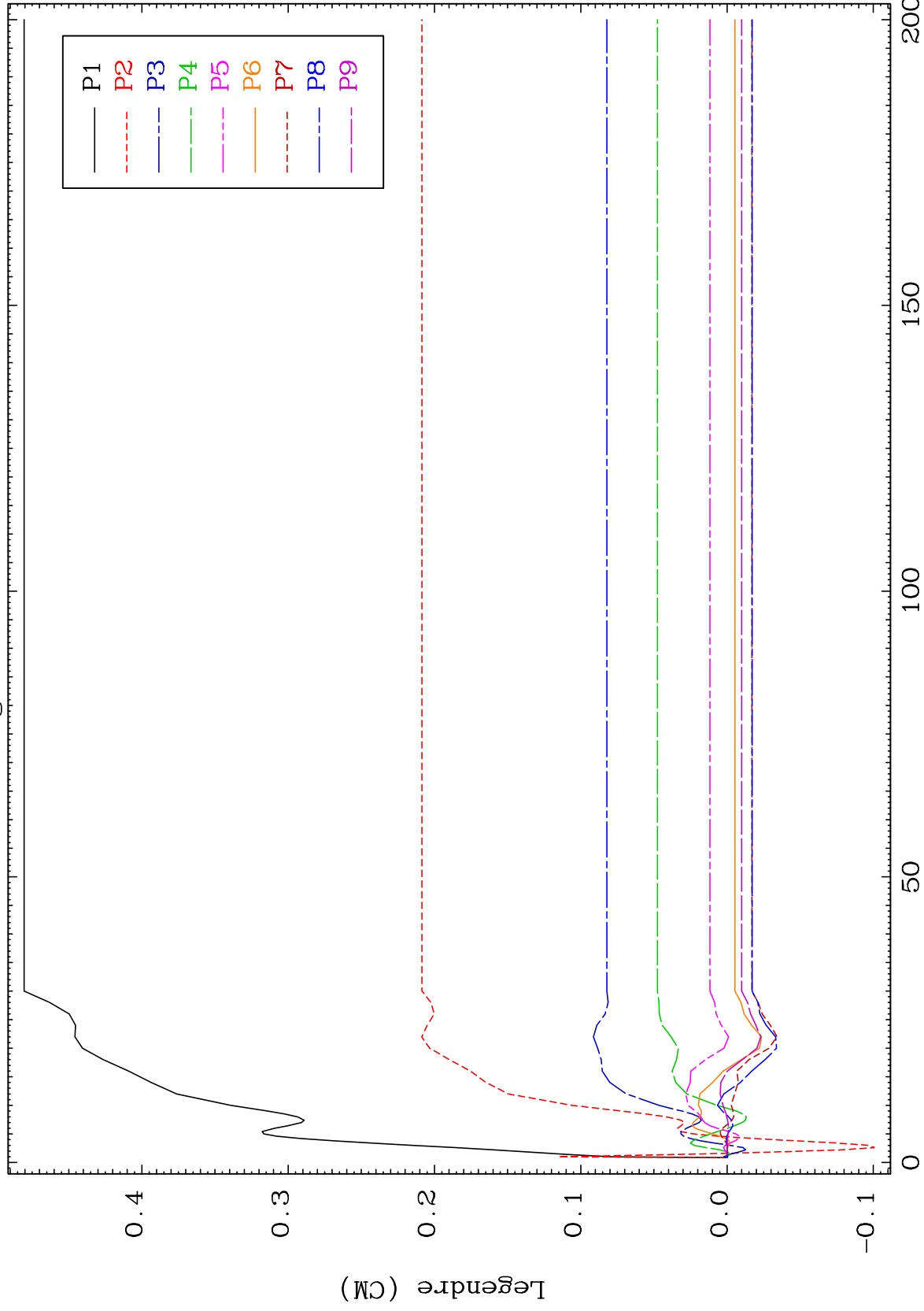
69-Tm-150



MAT 6868

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

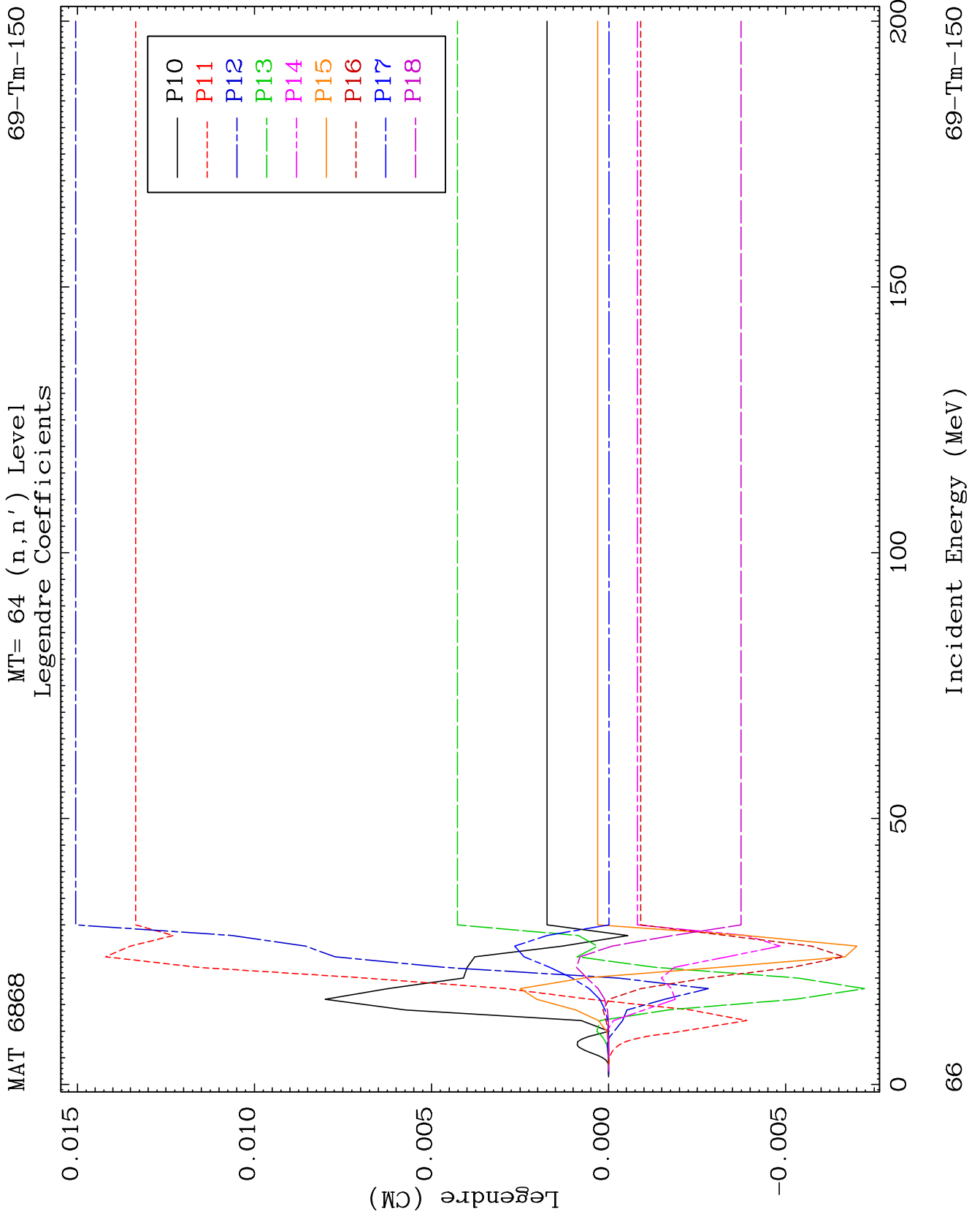
69-Tm-150



65

Incident Energy (MeV)

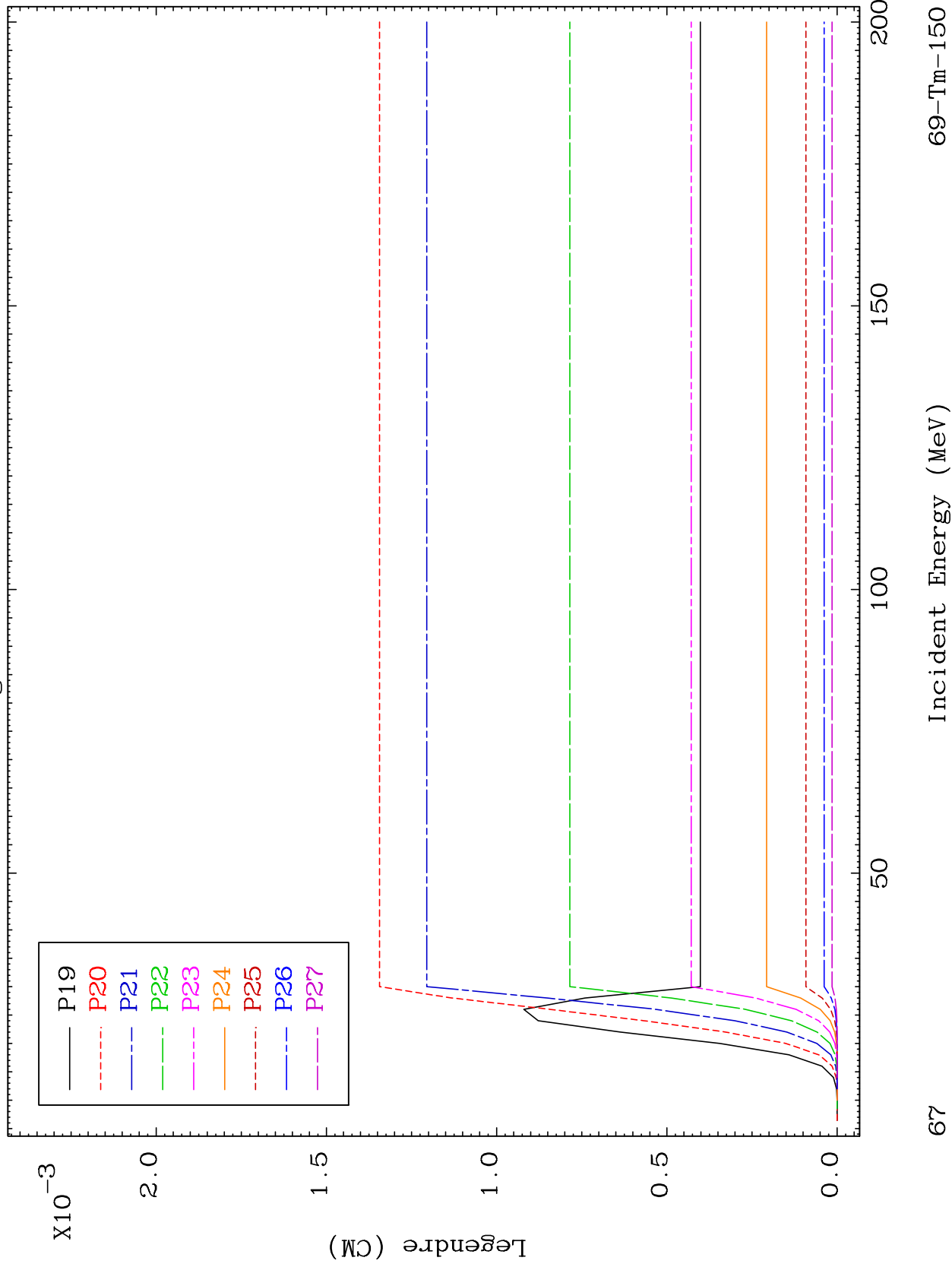
69-Tm-150



MAT 6868

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

69-Tm-150



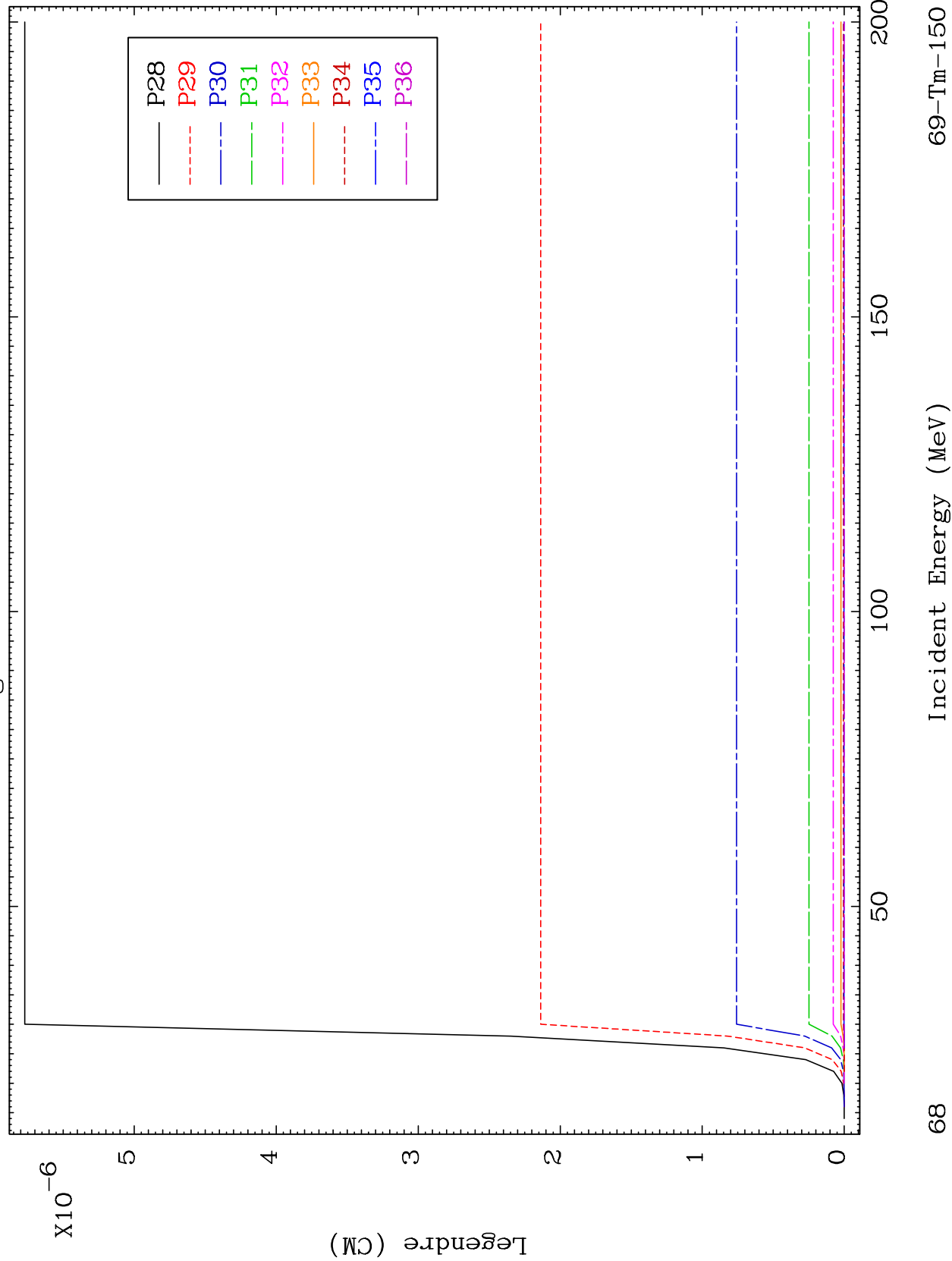
67

69-Tm-150

MAT 6868

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

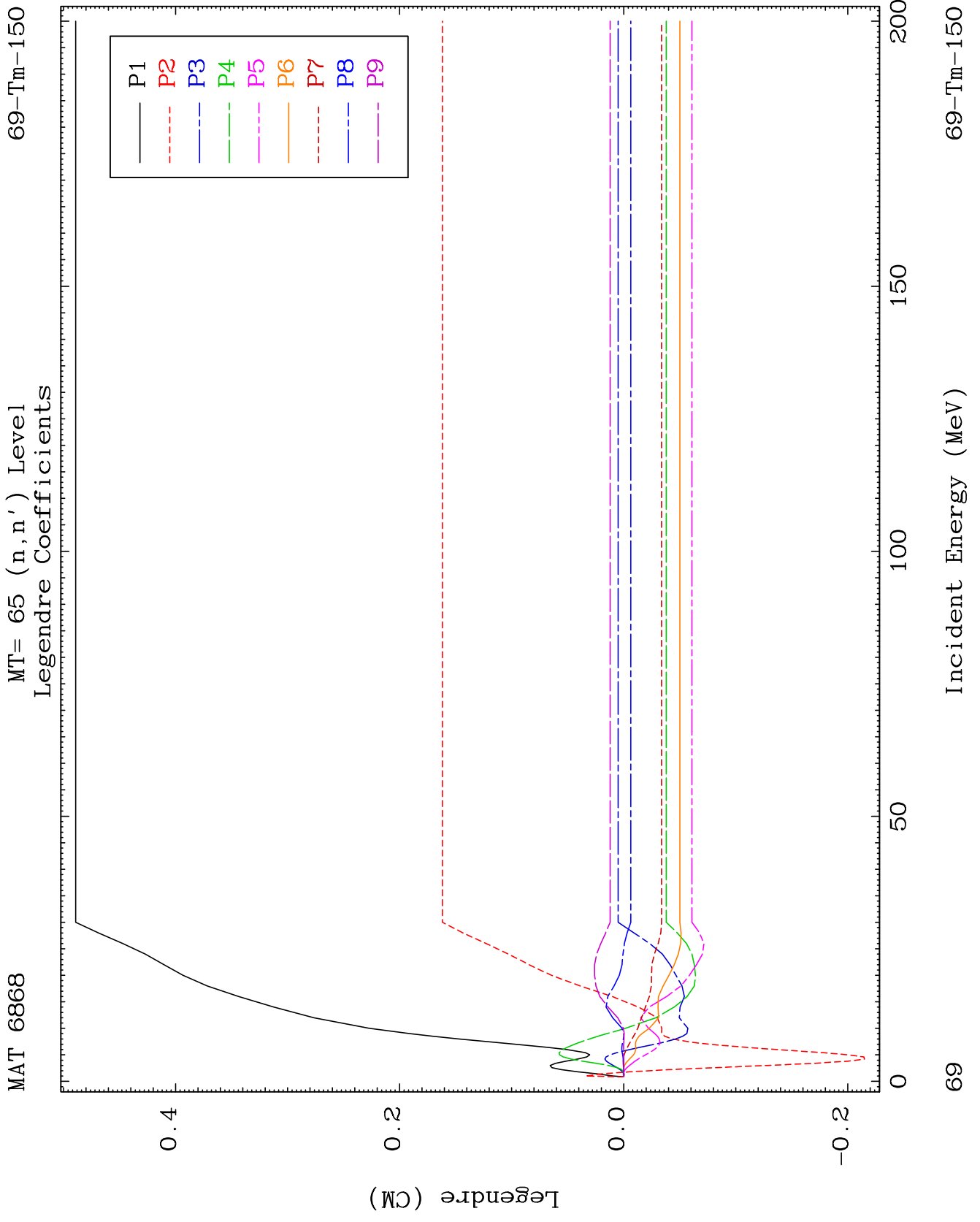
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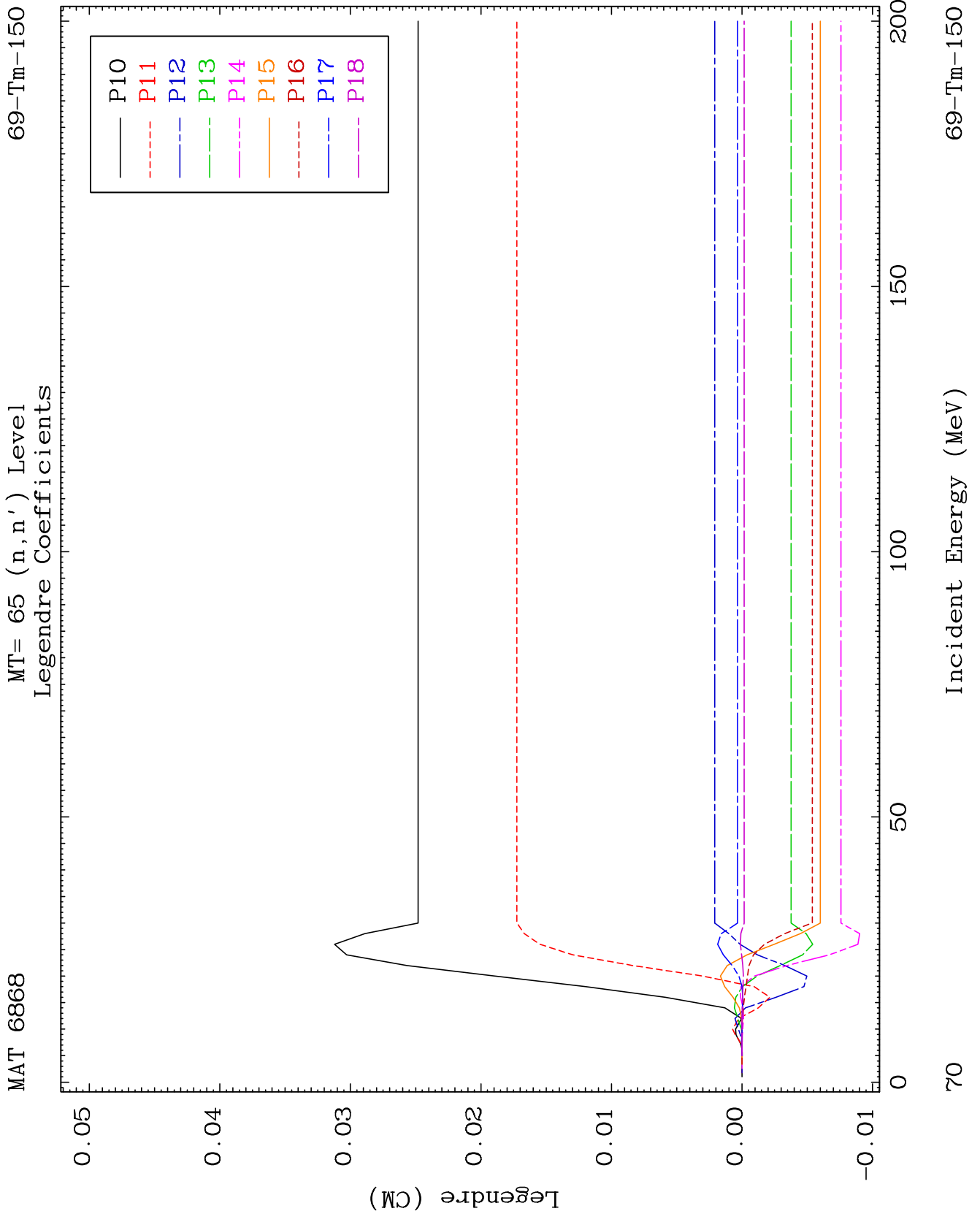


68

Incident Energy (MeV)

69-Tm-150

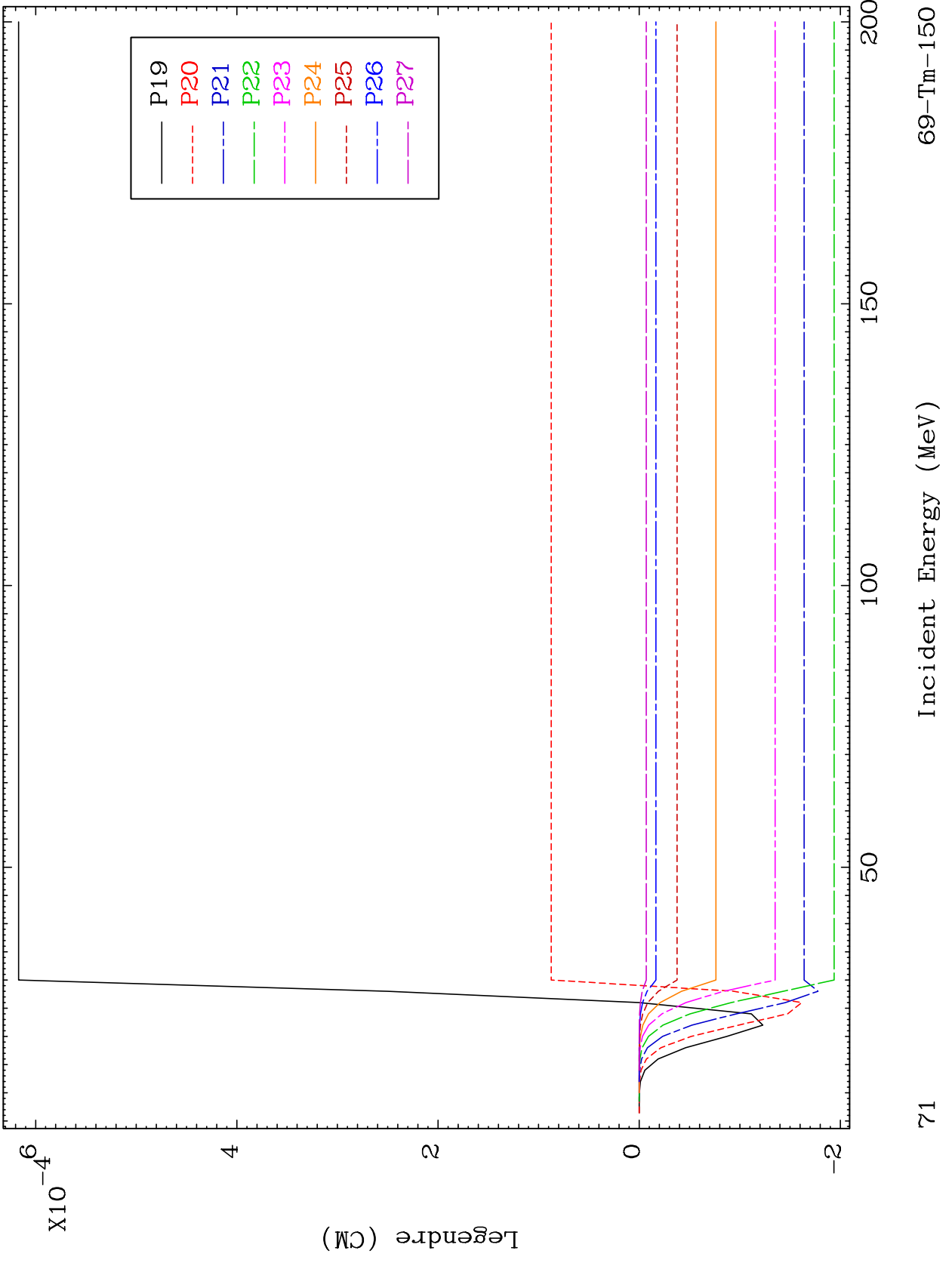


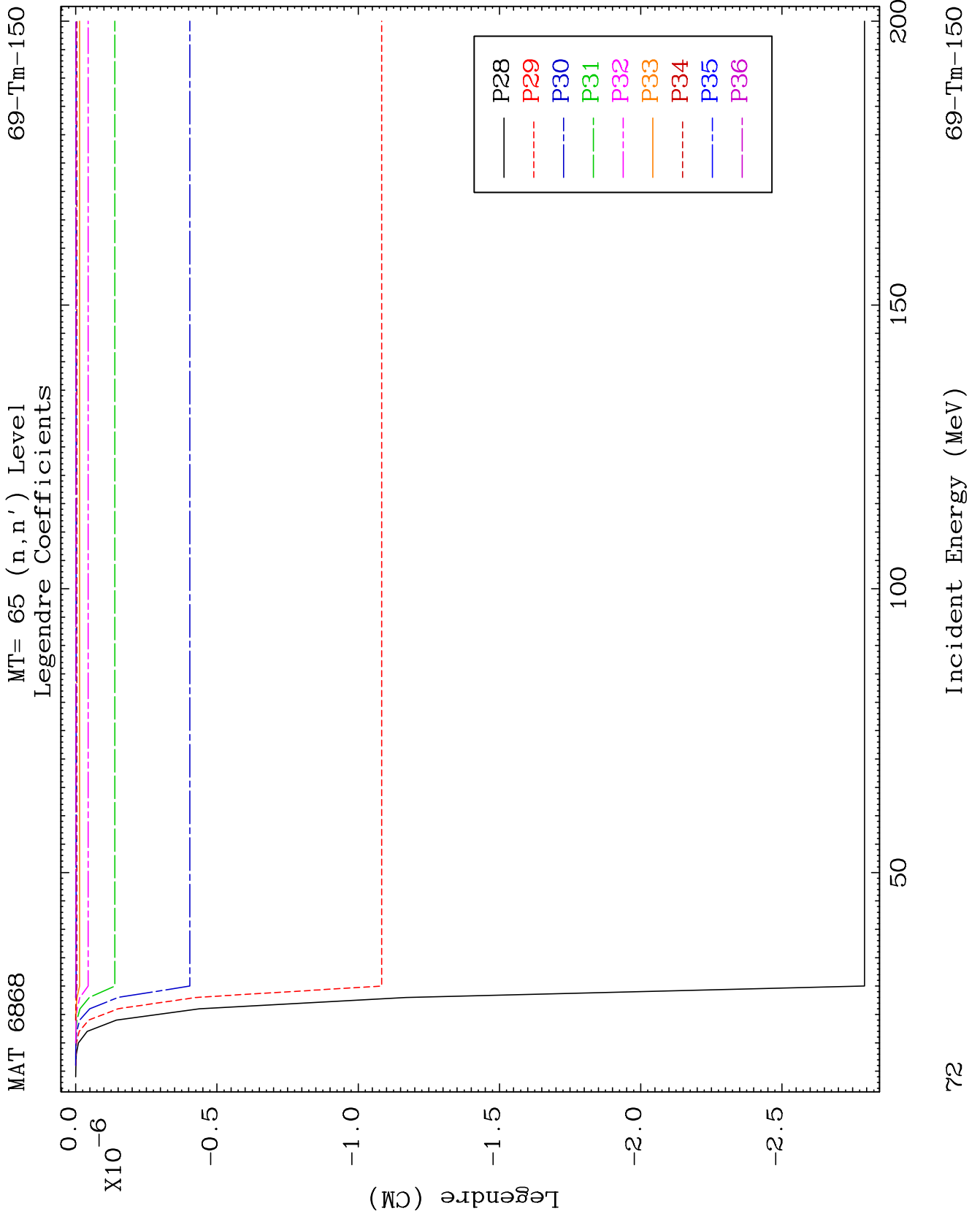


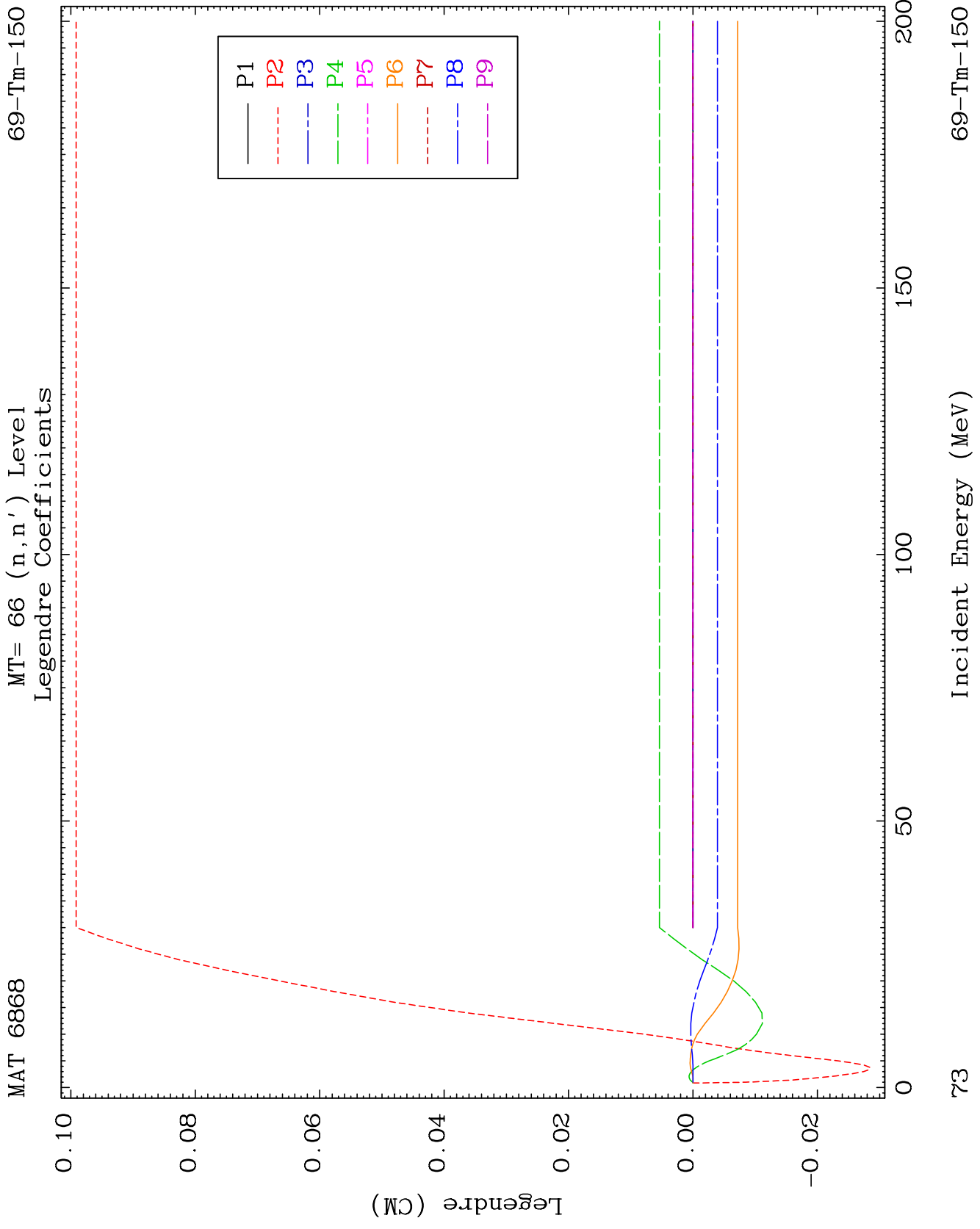
MAT 6868

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

69-Tm-150



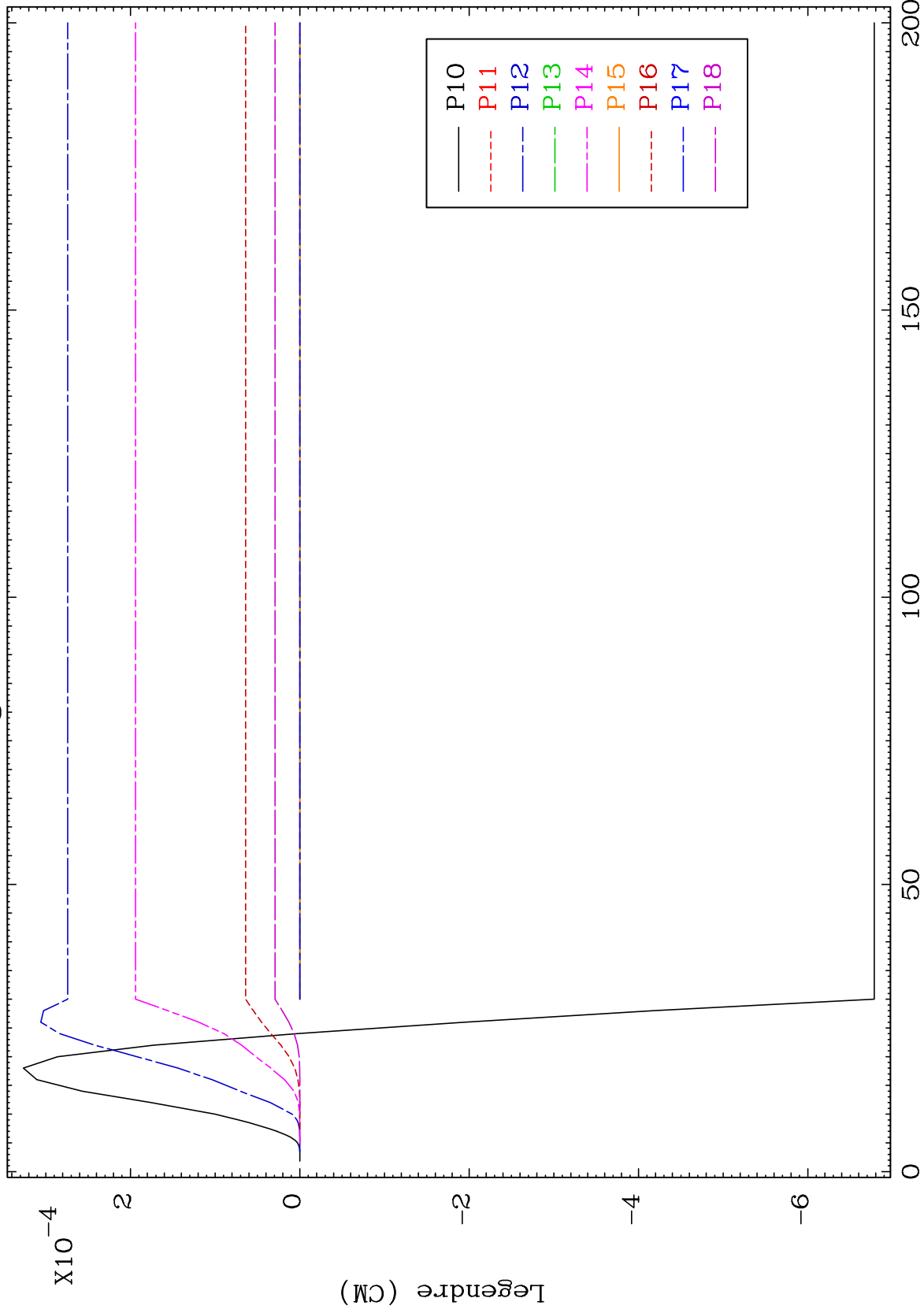




MAT 6868

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

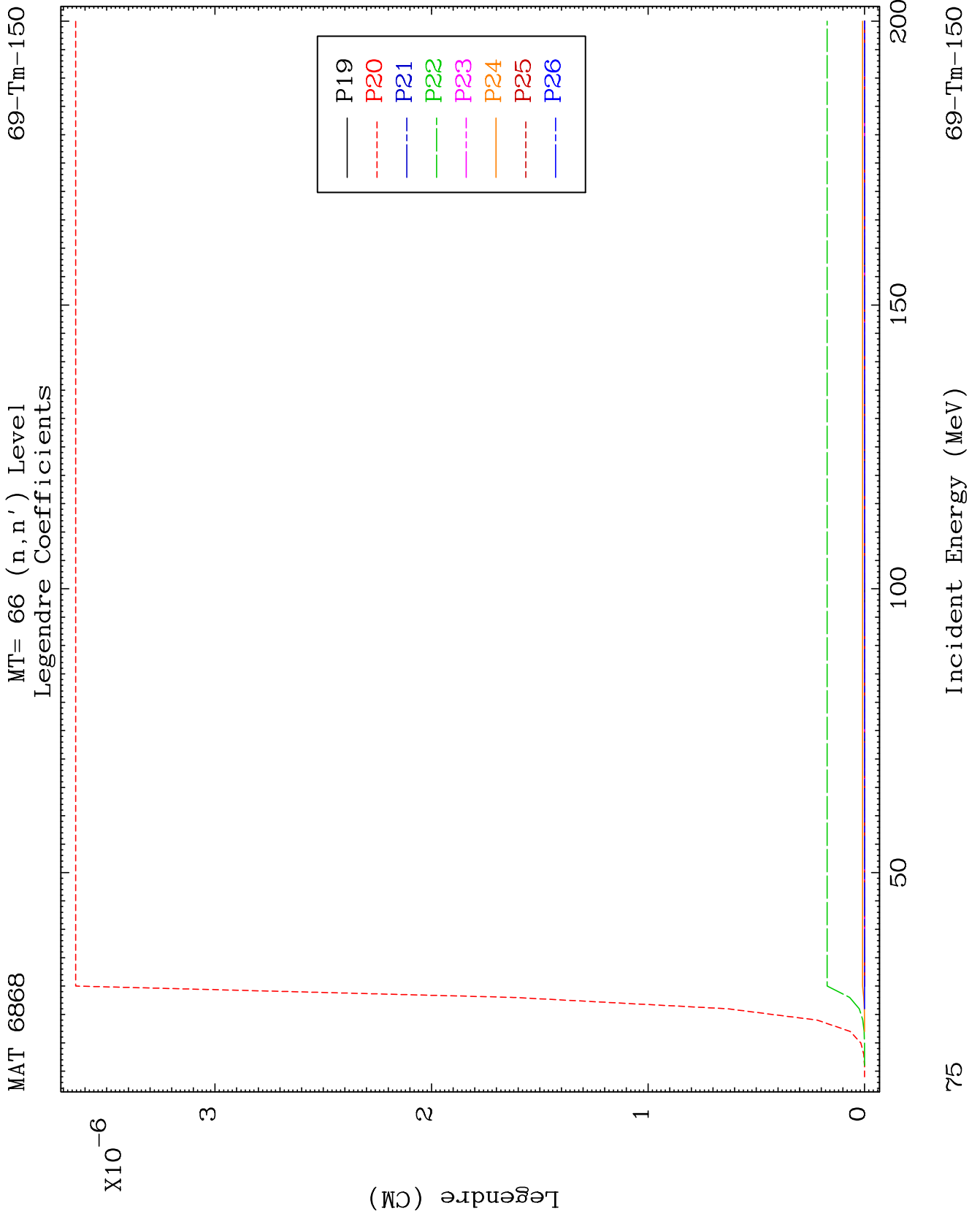
69-Tm-150



74

Incident Energy (MeV)

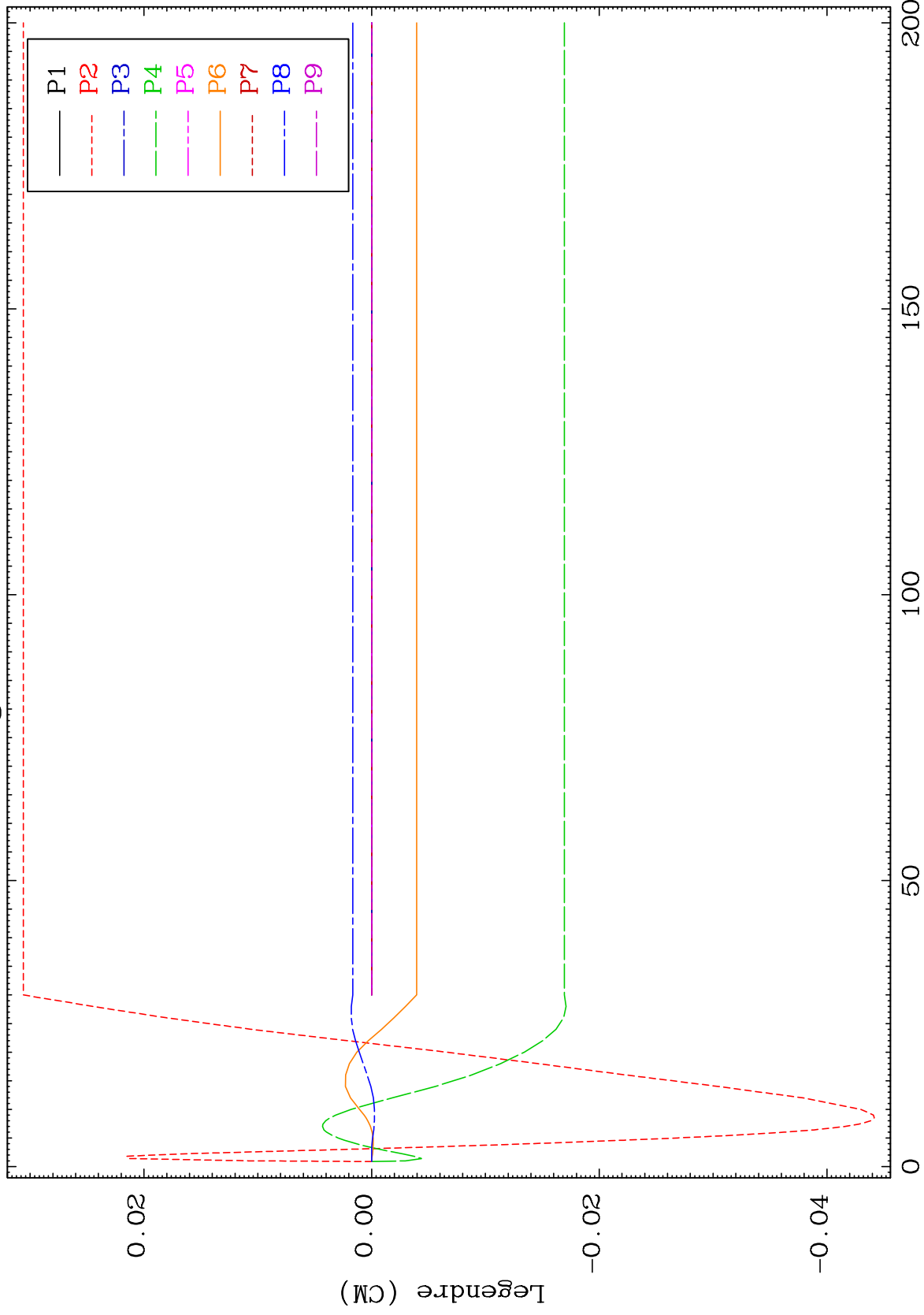
69-Tm-150



MAT 6868

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

69-Tm-150



76

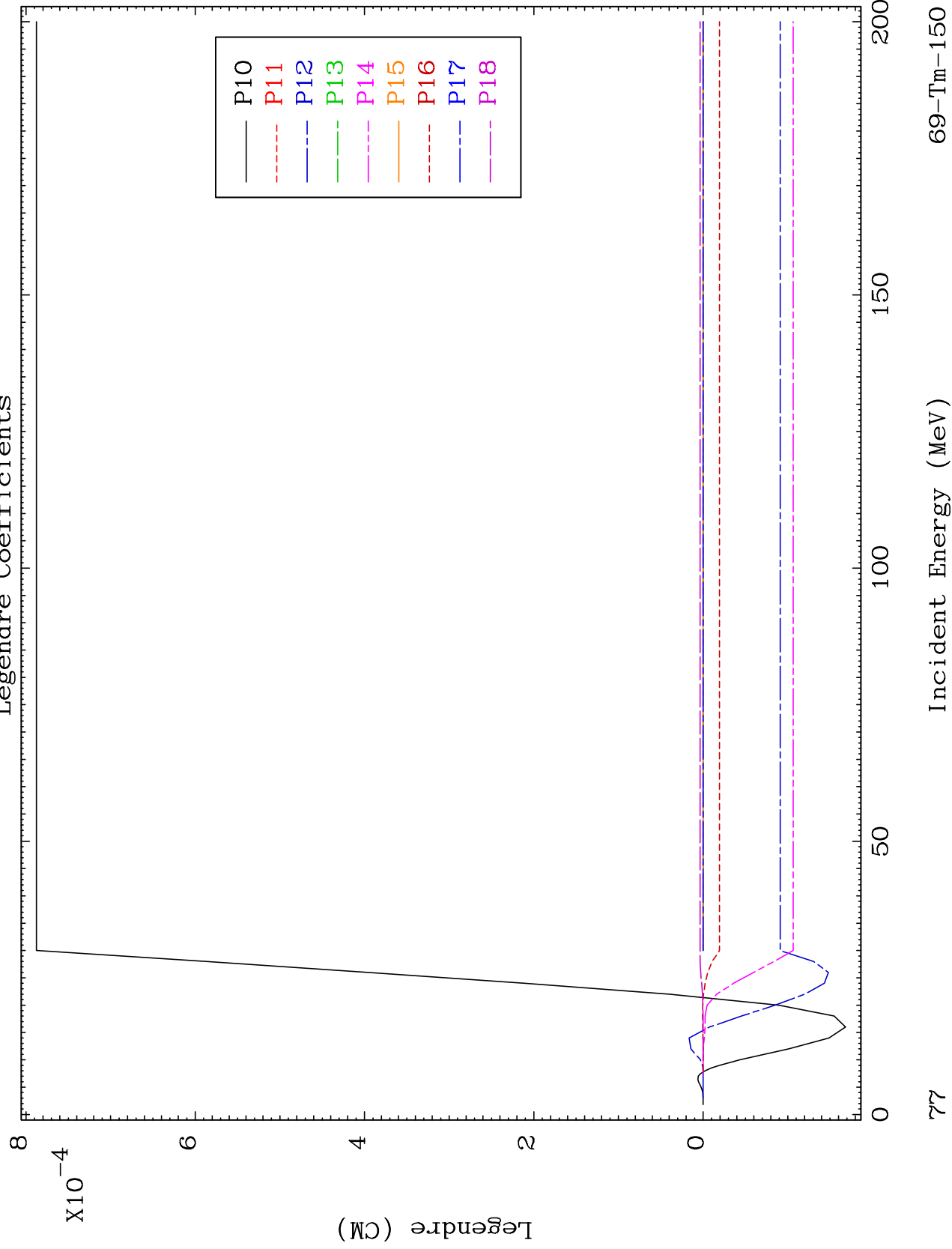
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

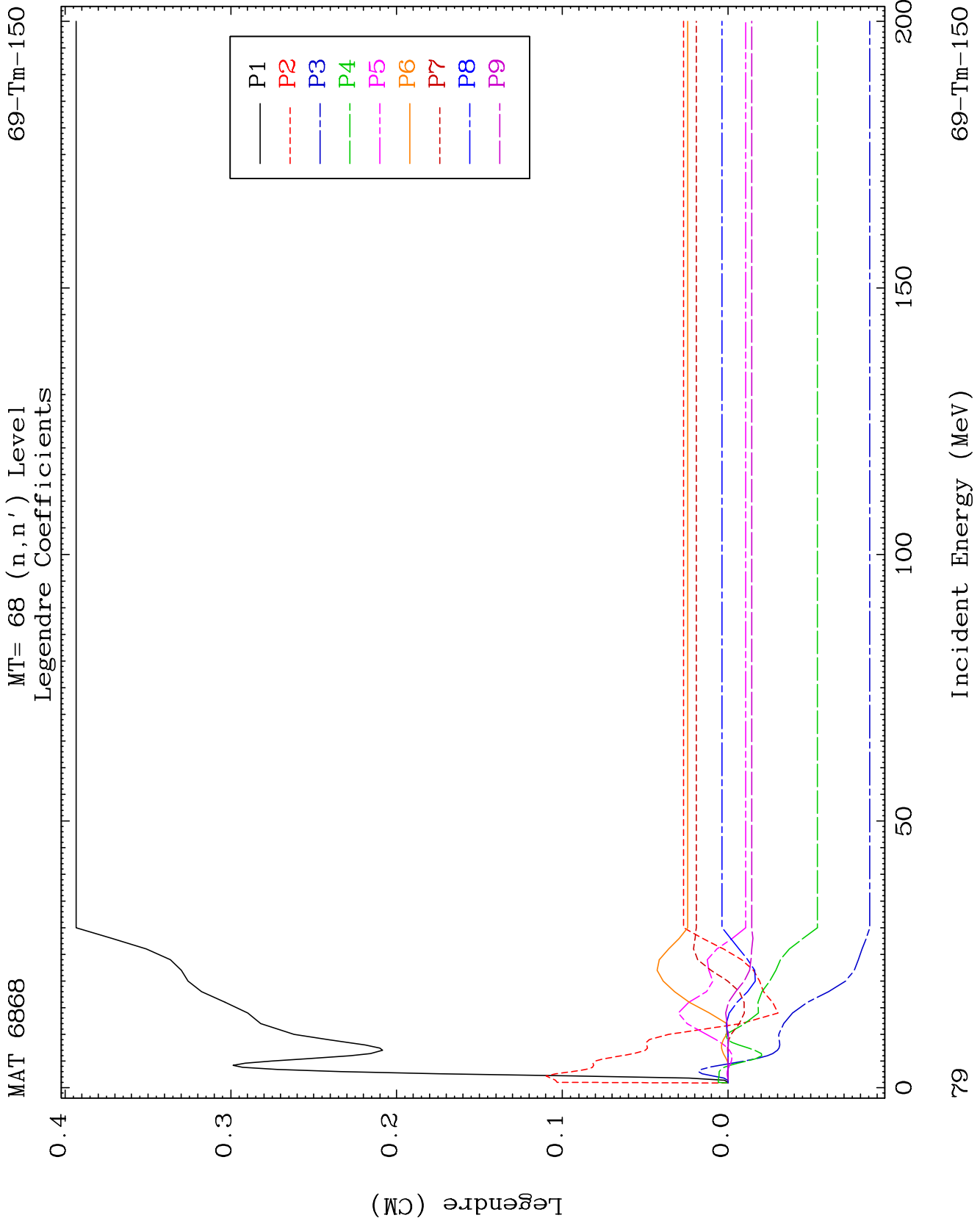
69-Tm-150

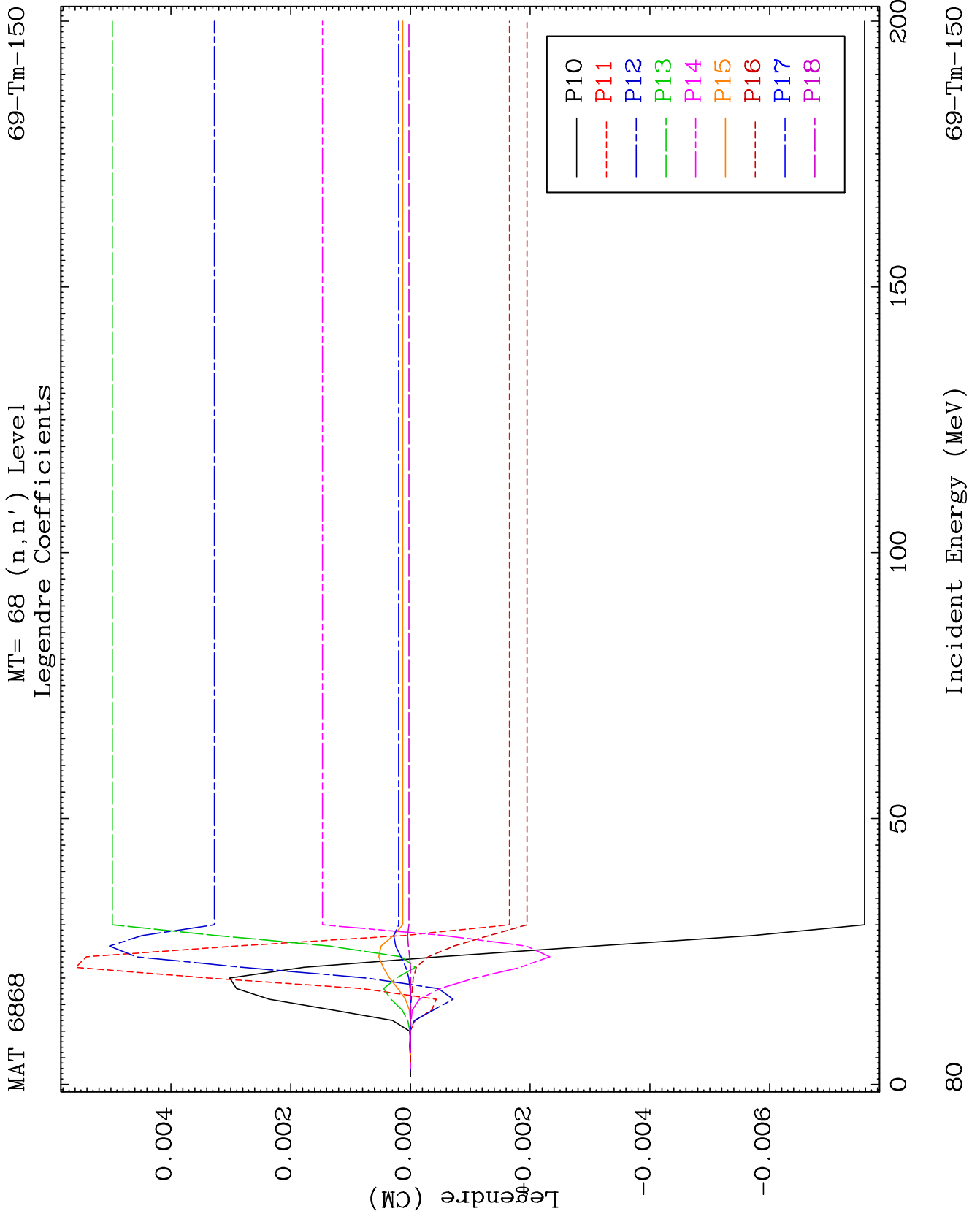


69-Tm-150

Incident Energy (MeV)

77

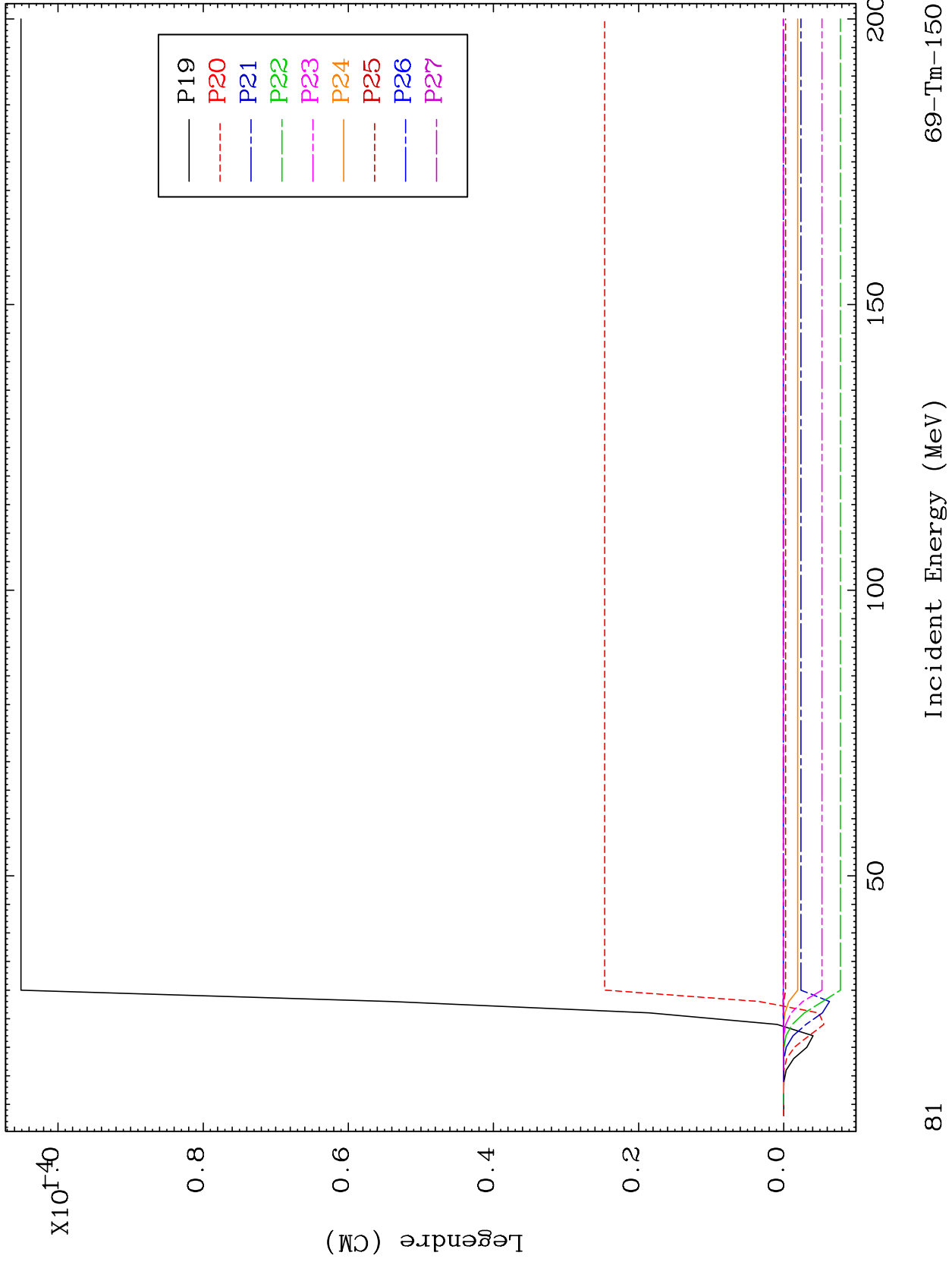




MAT 6868

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

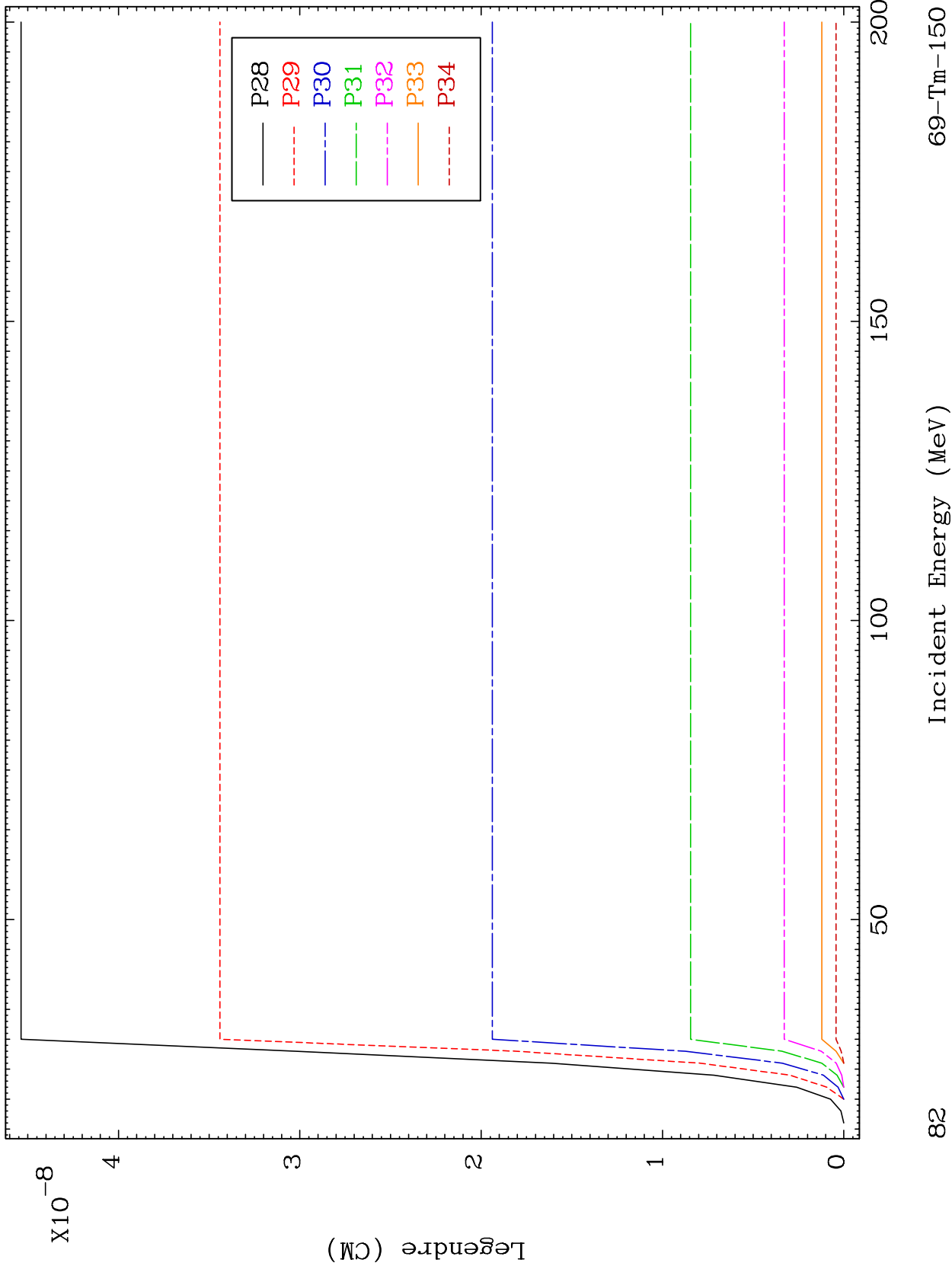
69-Tm-150



MAT 6868

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

69-Tm-150



82

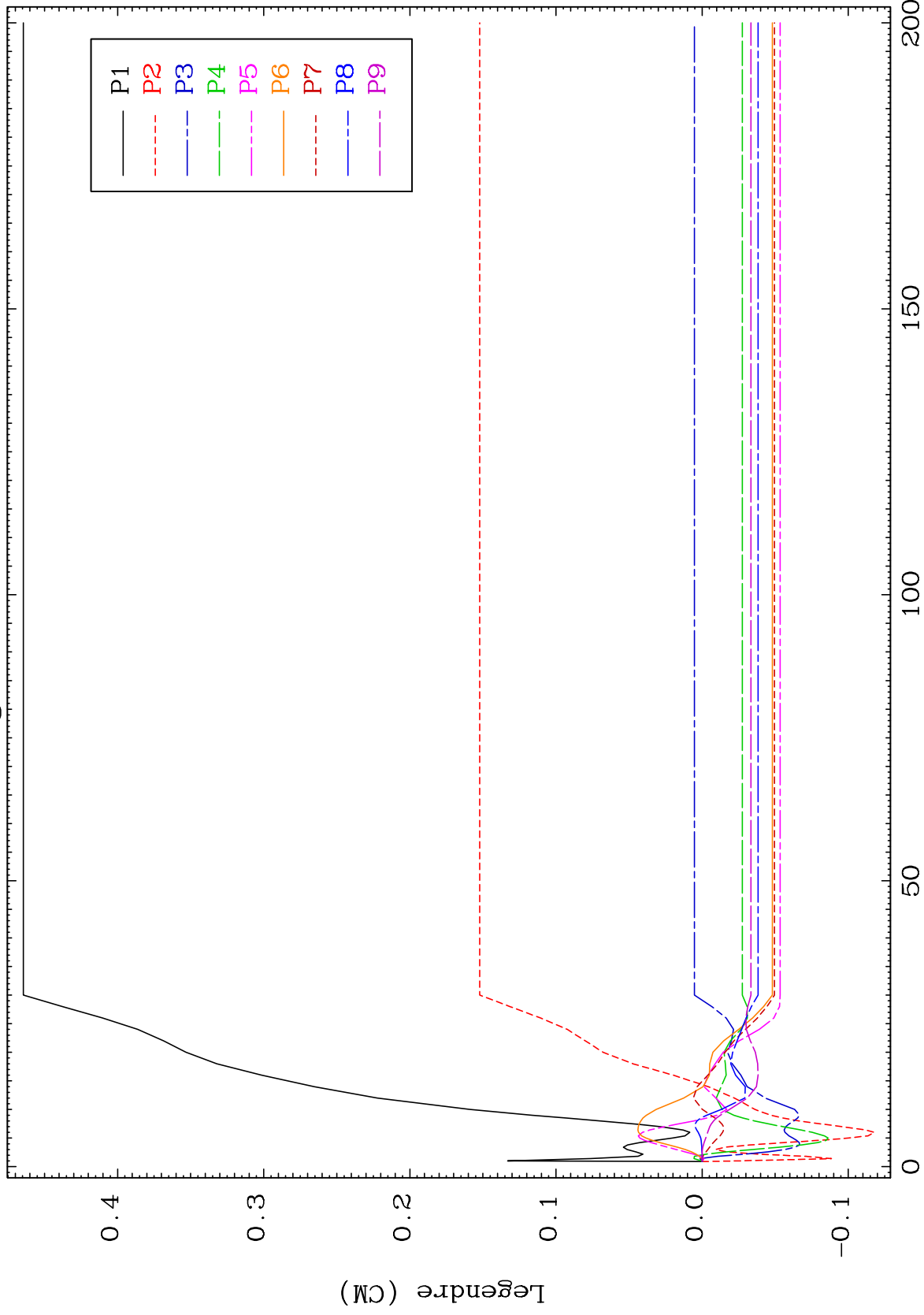
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



83

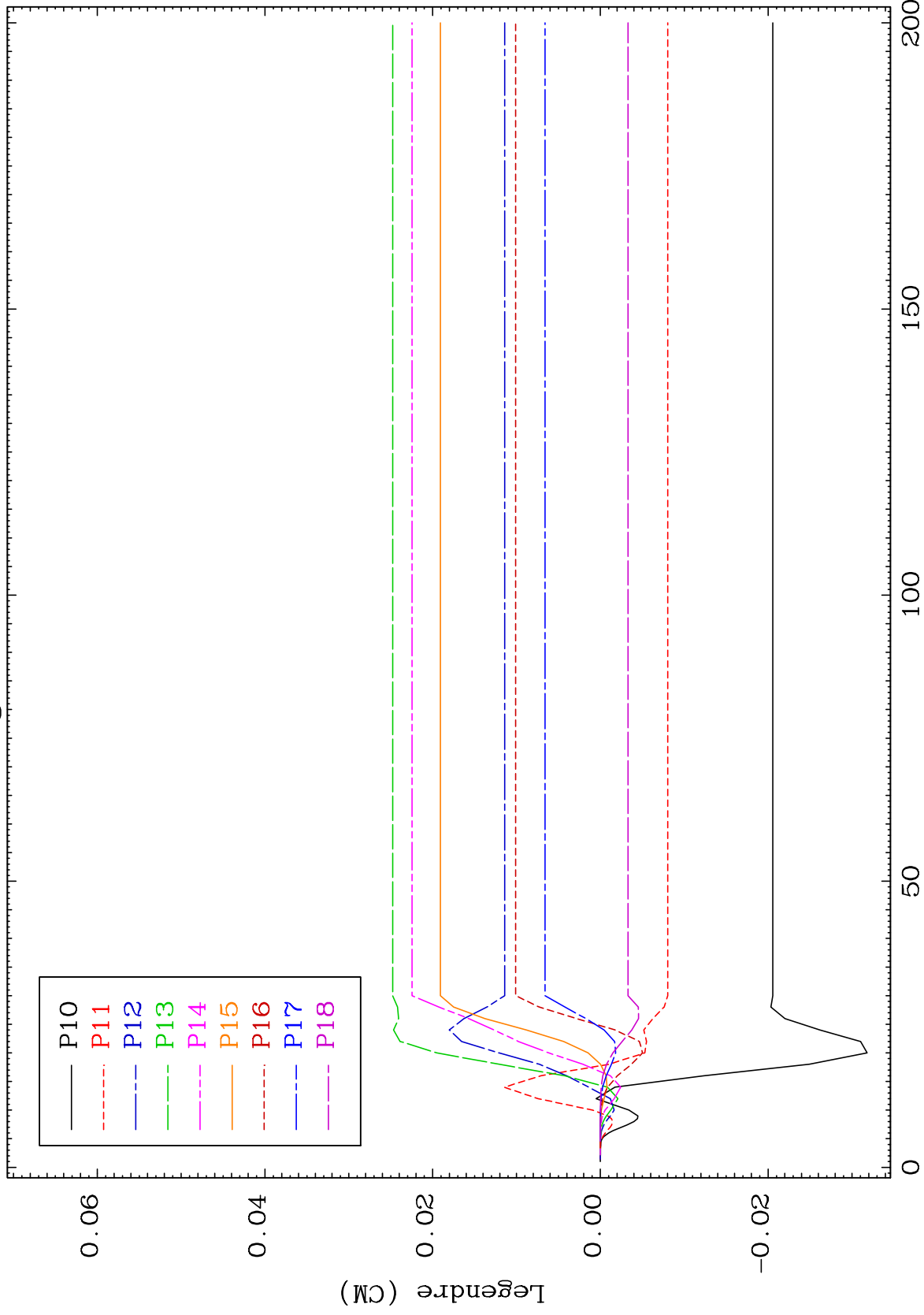
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



84

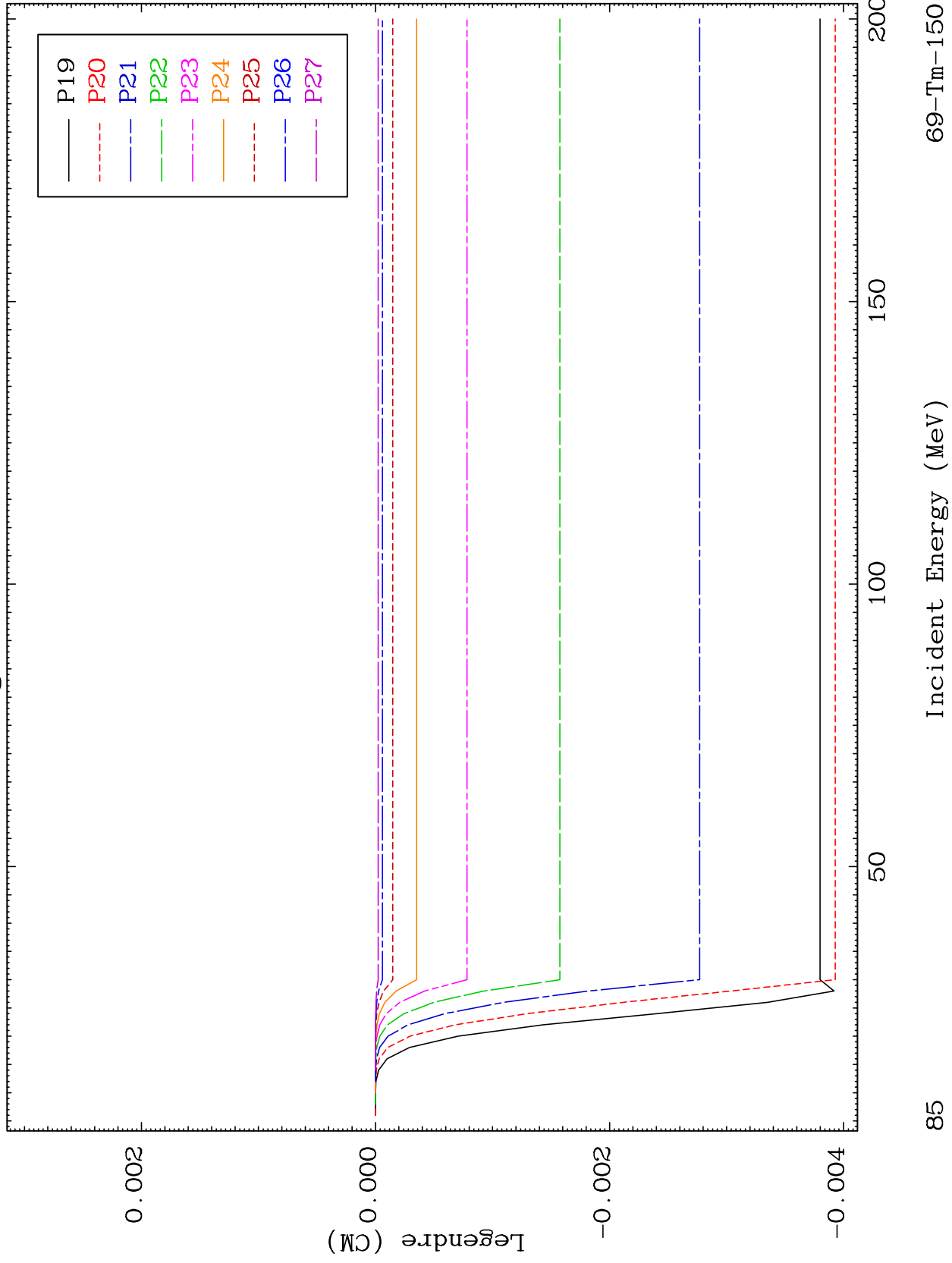
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

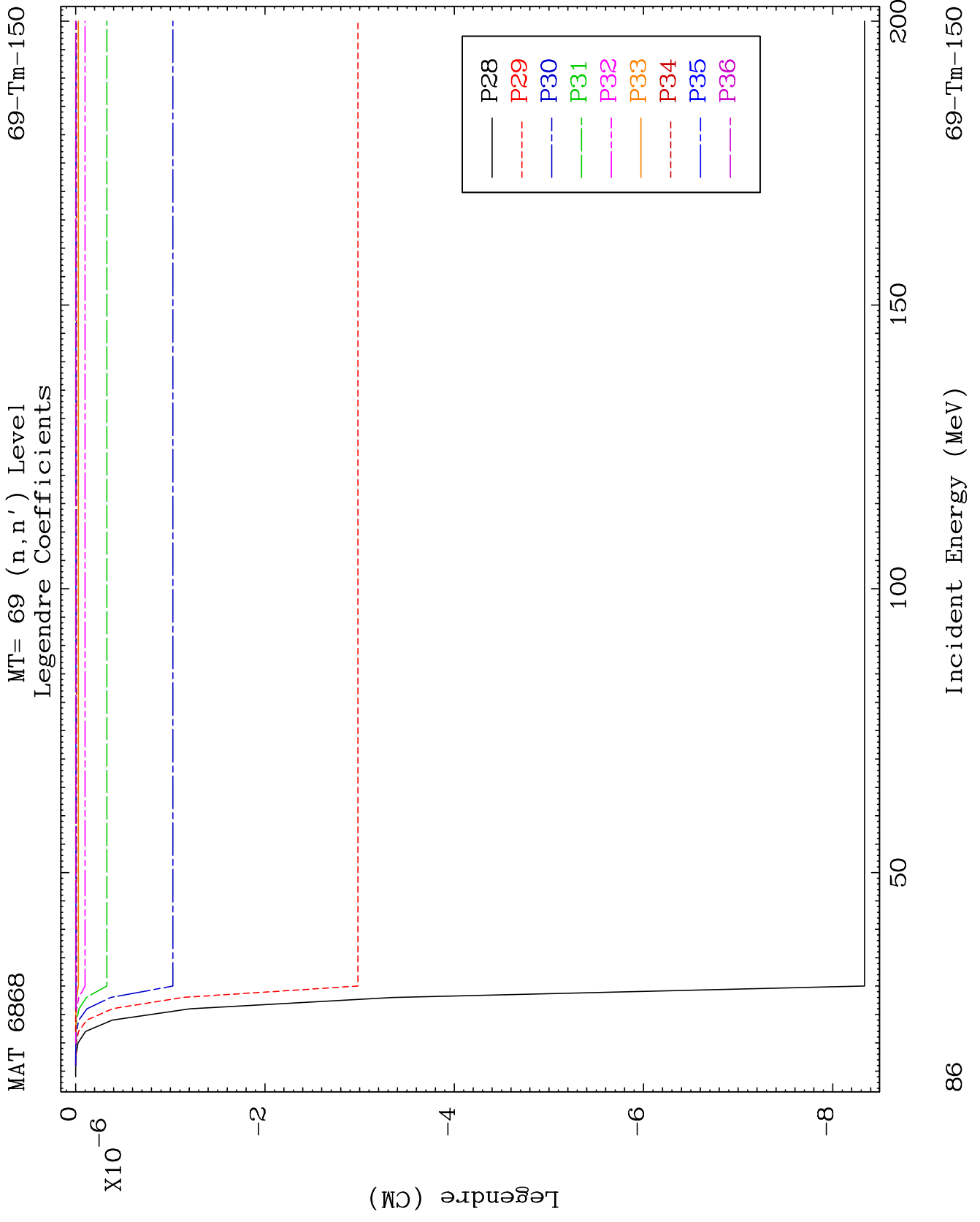
69-Tm-150



85

Incident Energy (MeV)

69-Tm-150

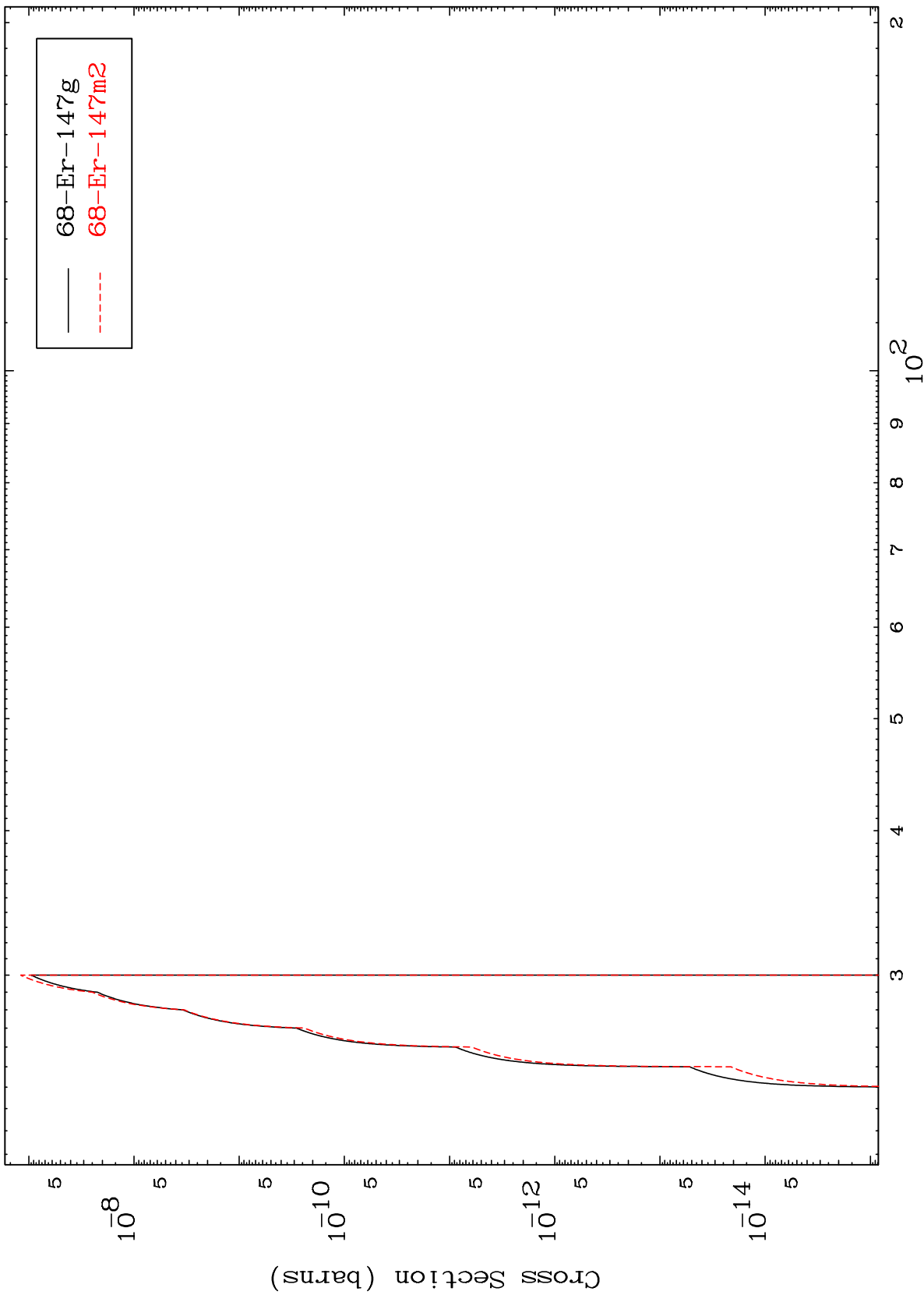


MAT 6868

(n,2n) d

69-Tm-150

Radionuclide Production Cross Section



87

Incident Energy (MeV)

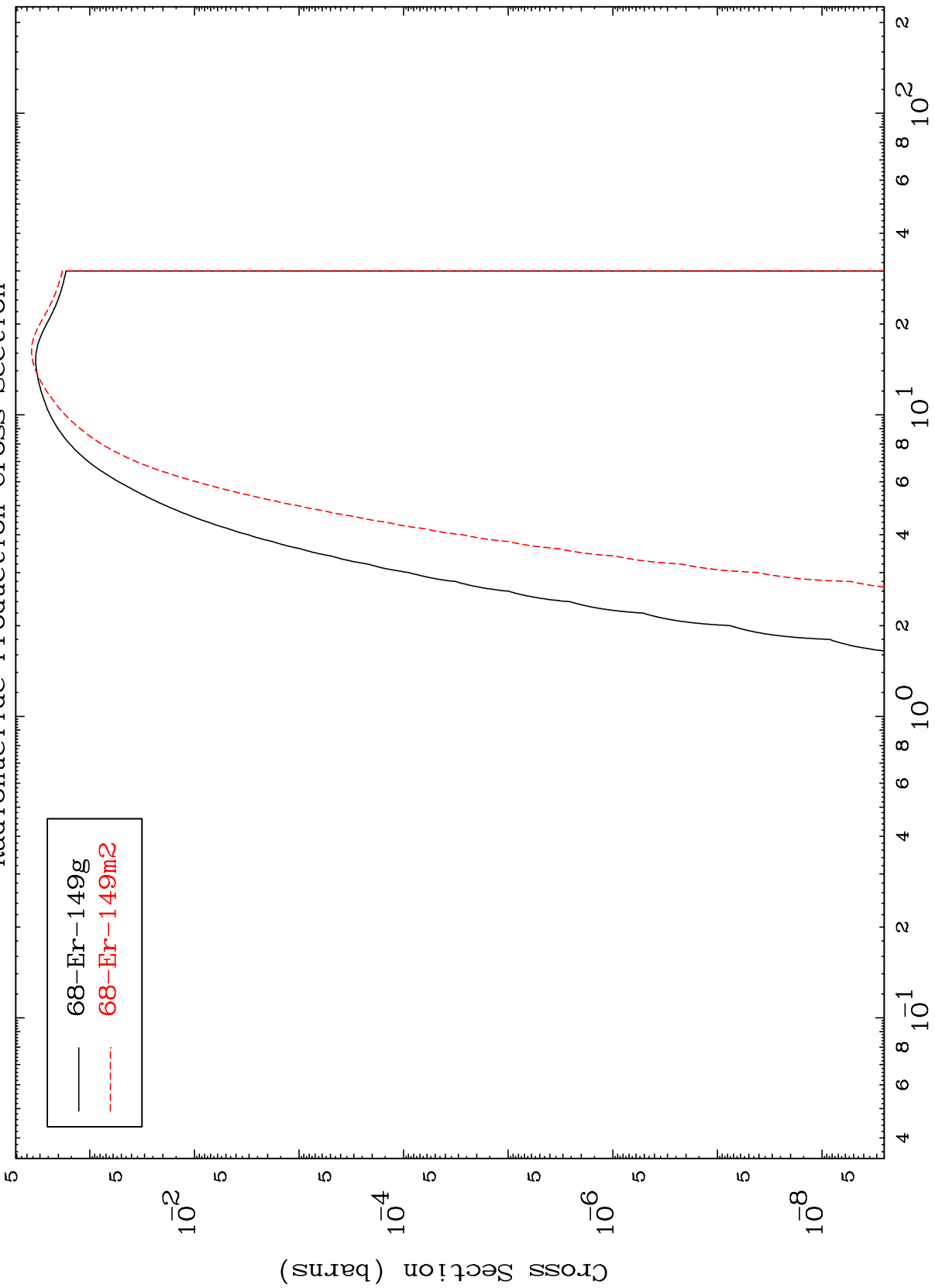
69-Tm-150

MAT 6868

(n,n') p

69-Tm-150

Radionuclide Production Cross Section



88

Incident Energy (MeV)

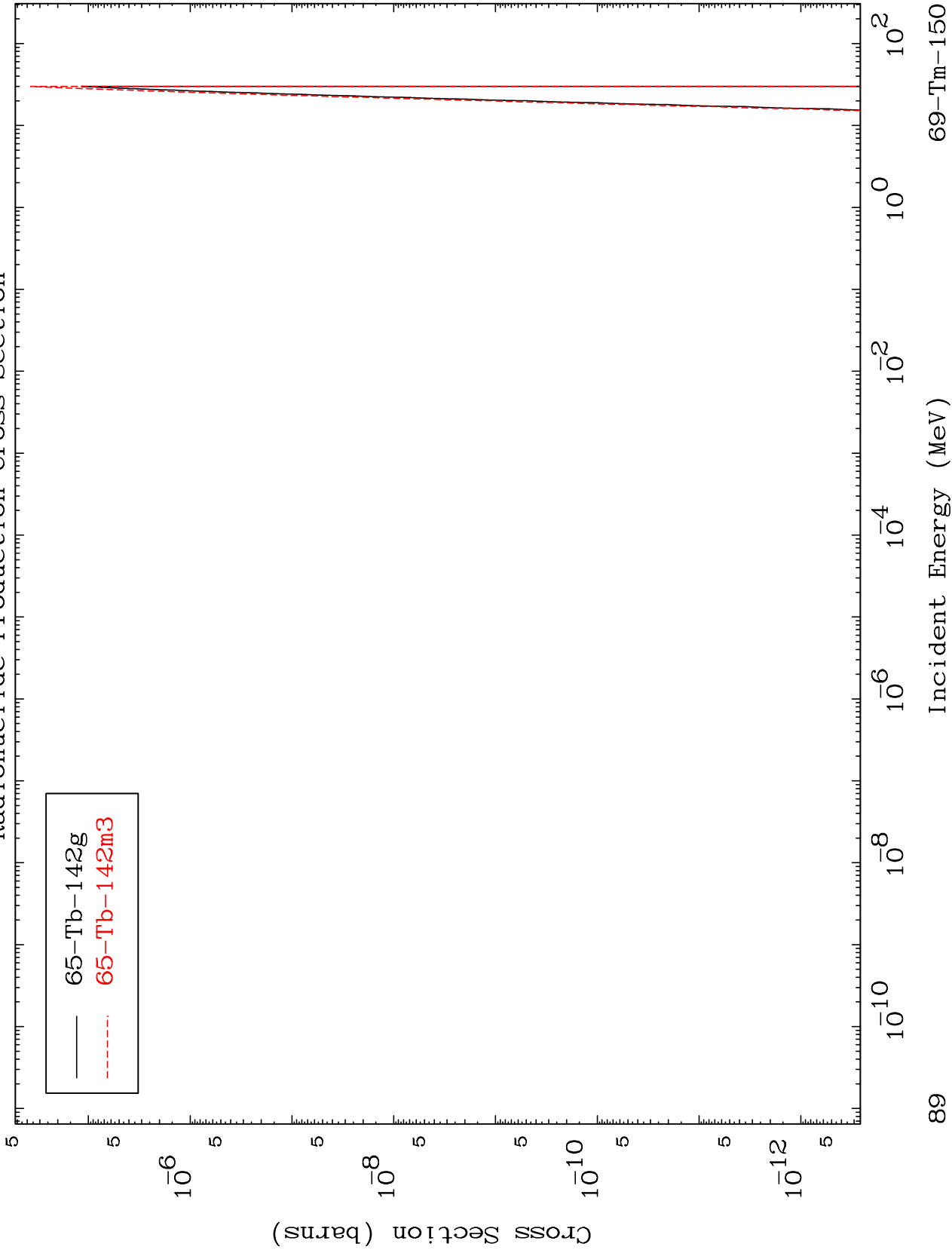
69-Tm-150

MAT 6868

(n,n') 2 α

69-Tm-150

Radionuclide Production Cross Section

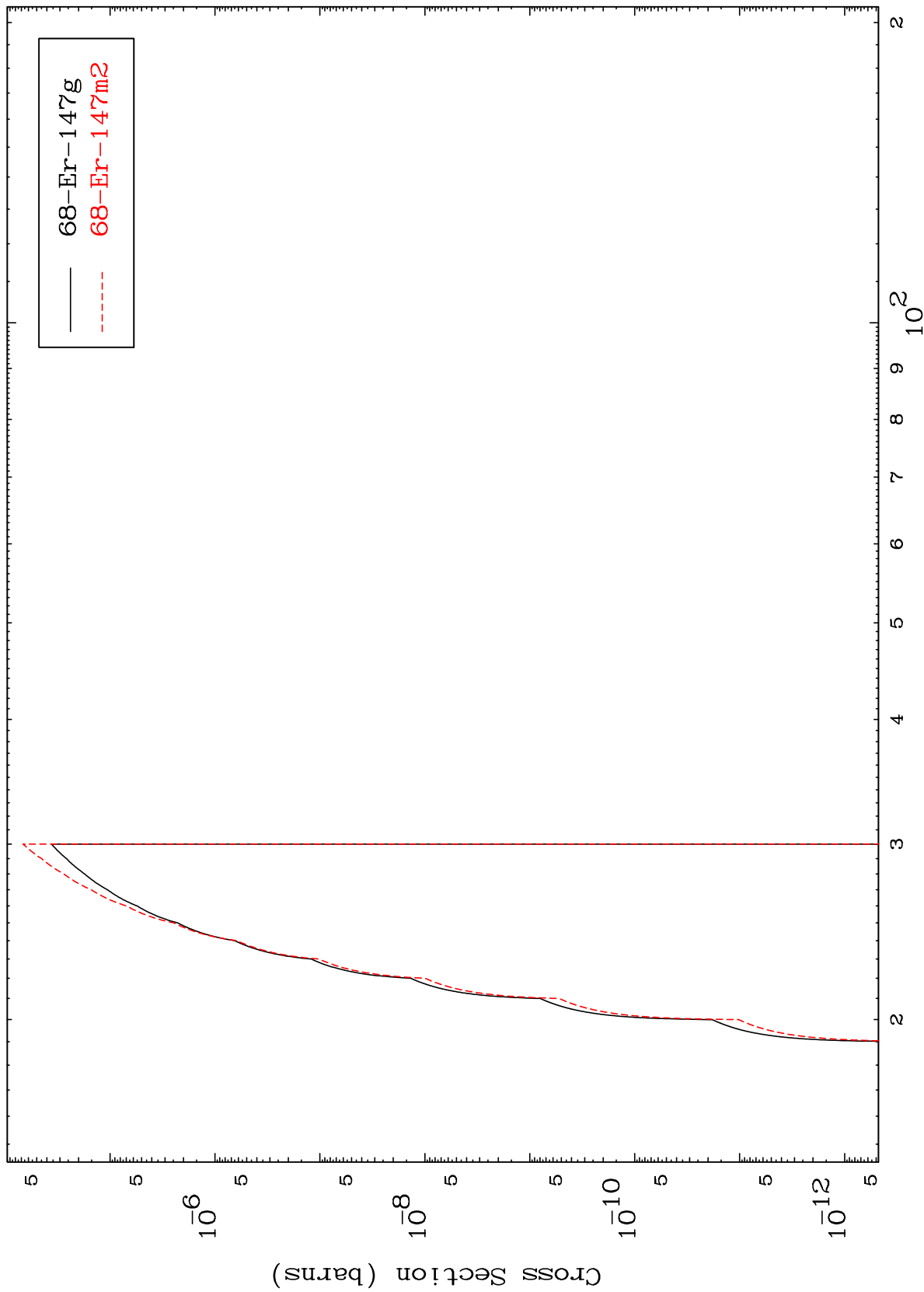


MAT 6868

(n,n') t

69-Tm-150

Radionuclide Production Cross Section



90

Incident Energy (MeV)

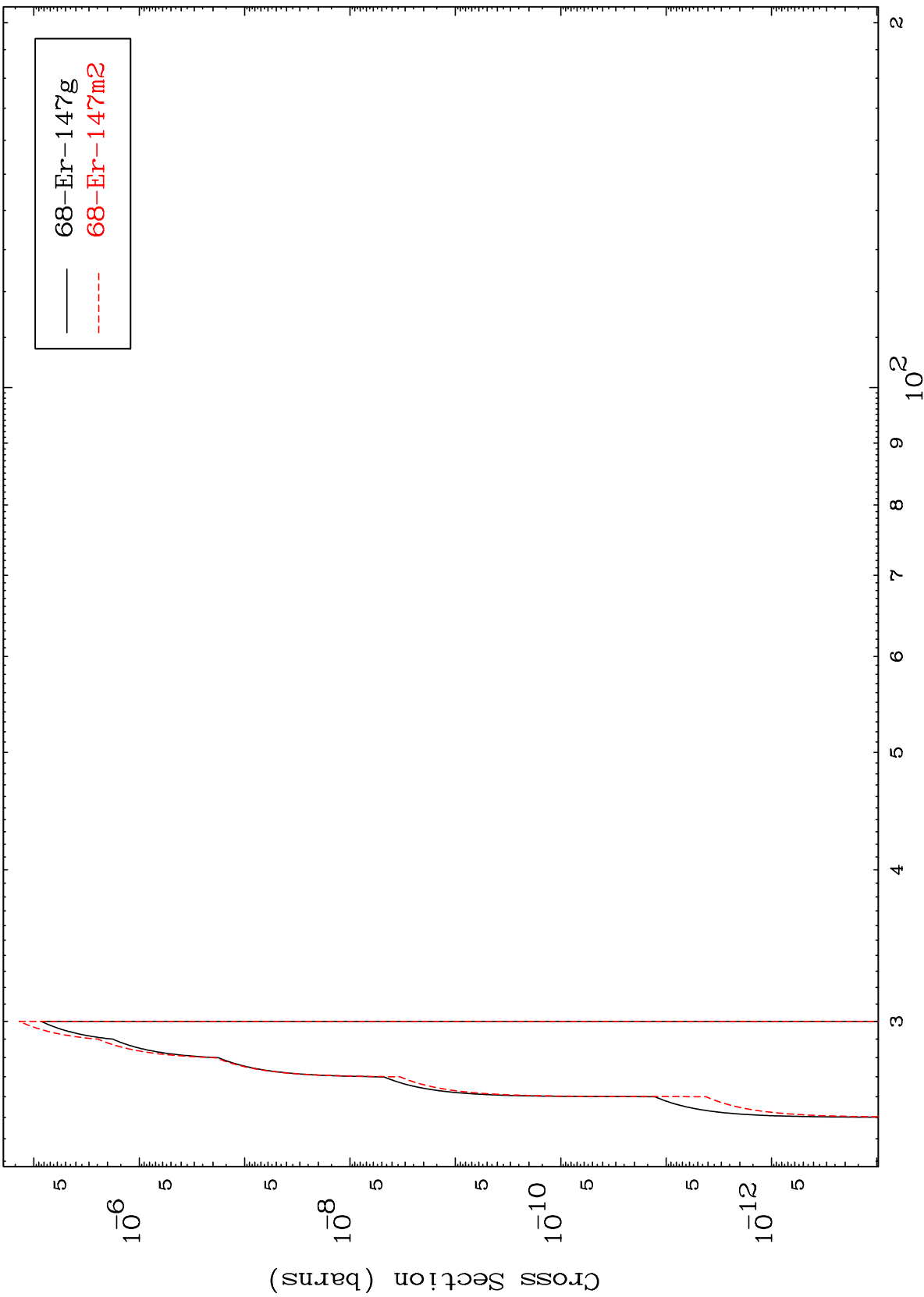
69-Tm-150

MAT 6868

(n,3n) p

69-Tm-150

Radionuclide Production Cross Section



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

91

Incident Energy (MeV)

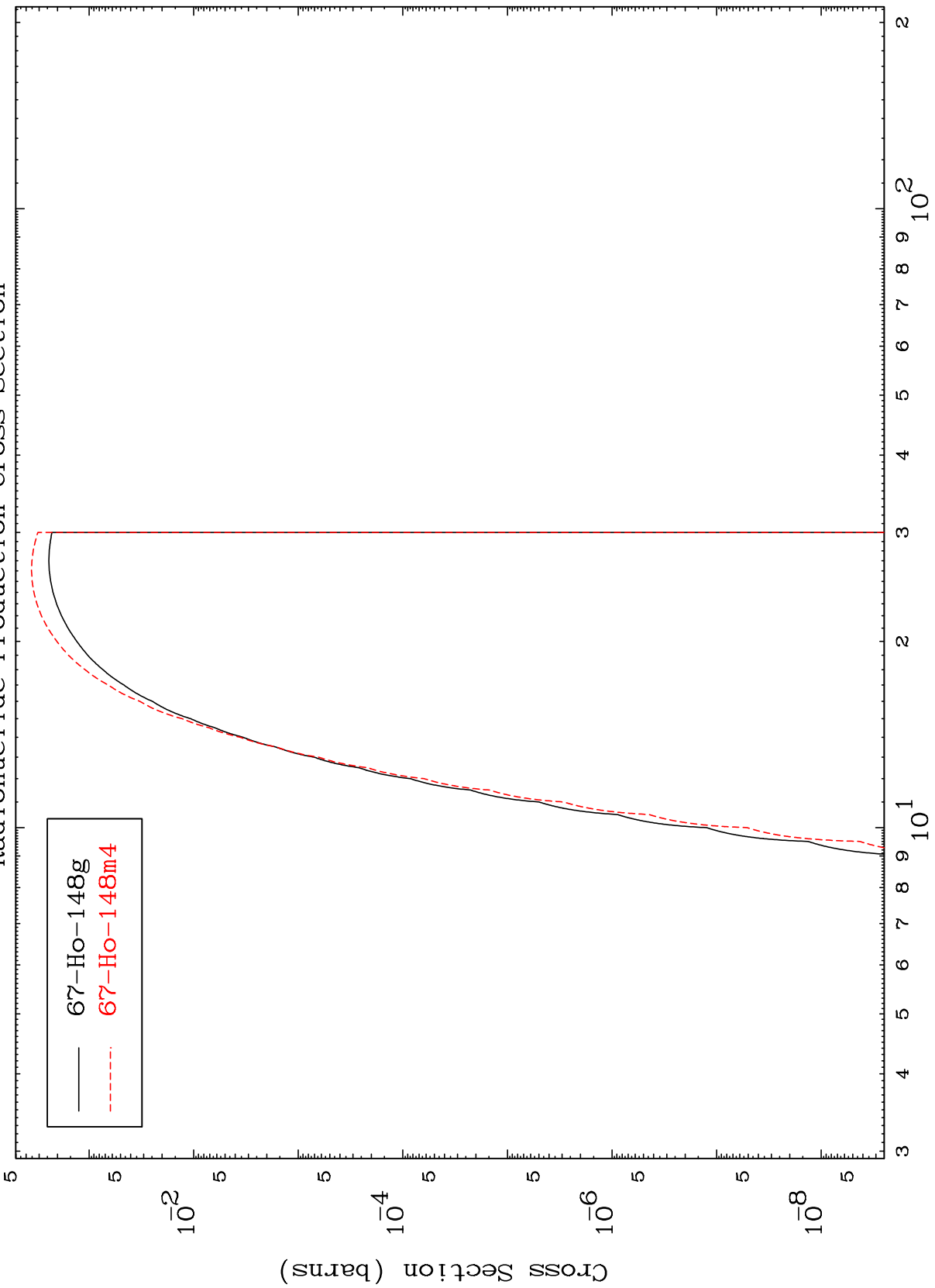
69-Tm-150

MAT 6868

(n,2n) p

69-Tm-150

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

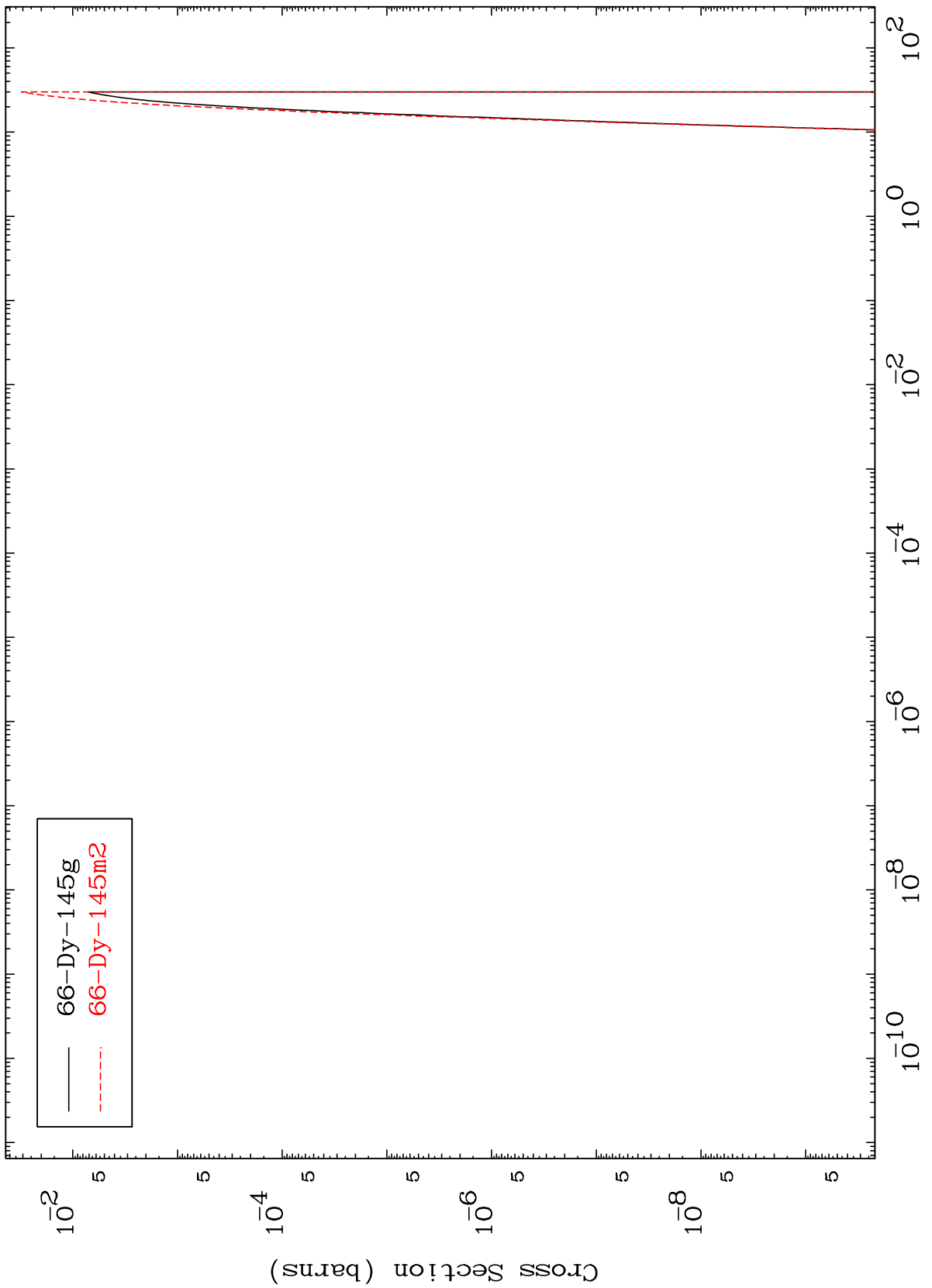
69-Tm-150

MAT 6868

(n,n') p α

69-Tm-150

Radionuclide Production Cross Section



93

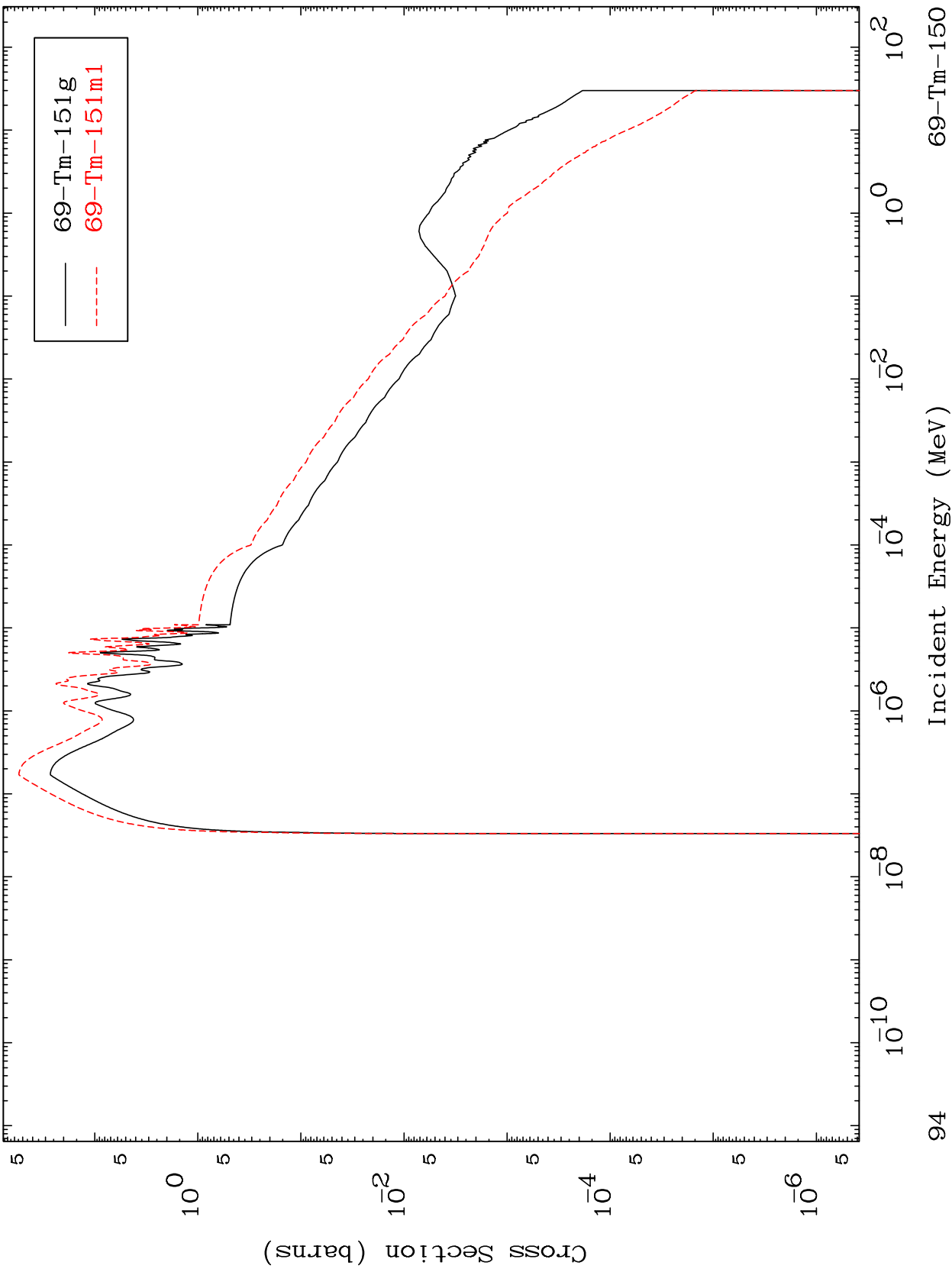
Incident Energy (MeV)

69-Tm-150

MAT 6868

69-Tm-150

(n,γ)
Radionuclide Production Cross Section



94

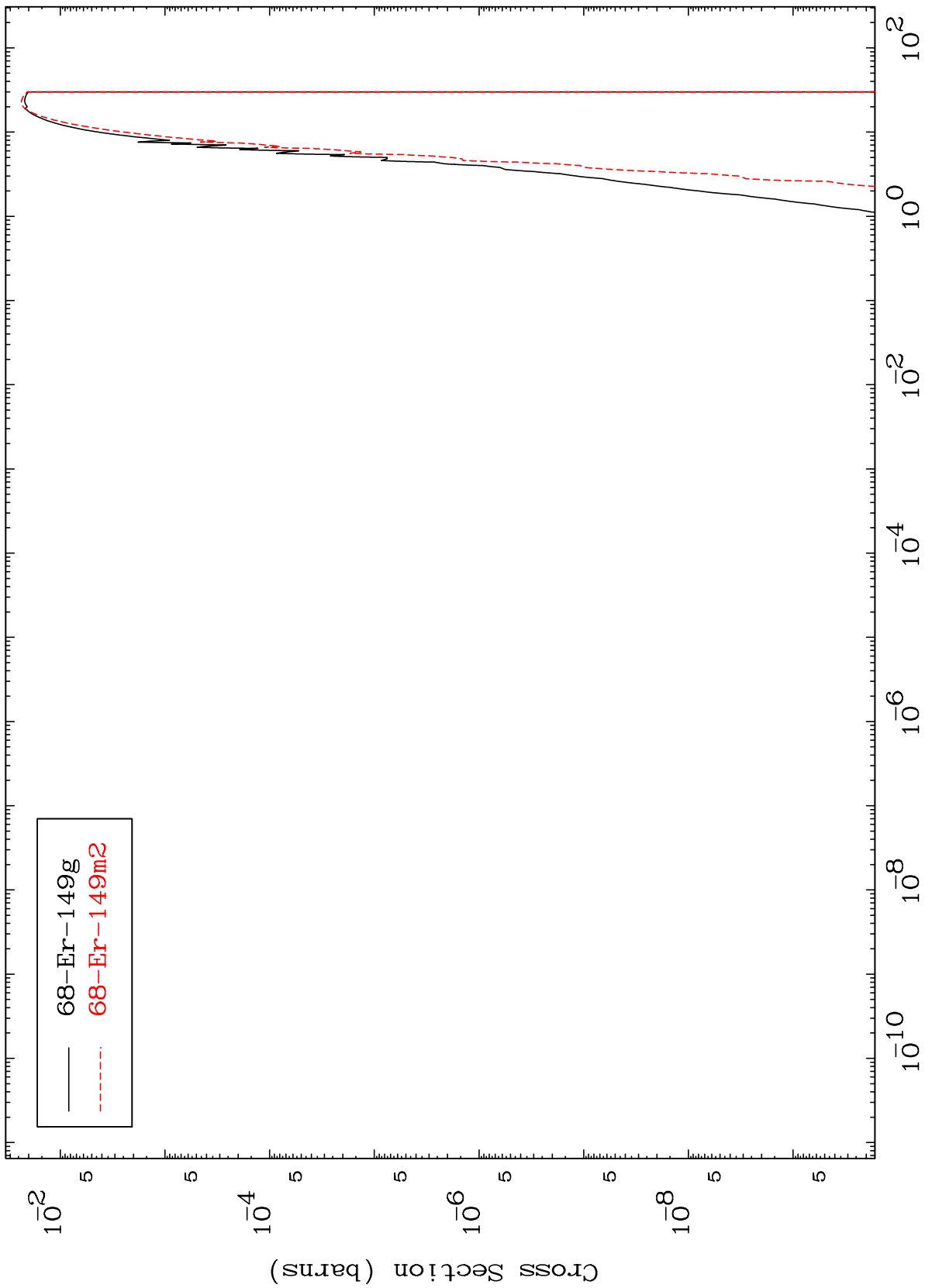
69-Tm-150

MAT 6868

(n,d)

69-Tm-150

Radionuclide Production Cross Section

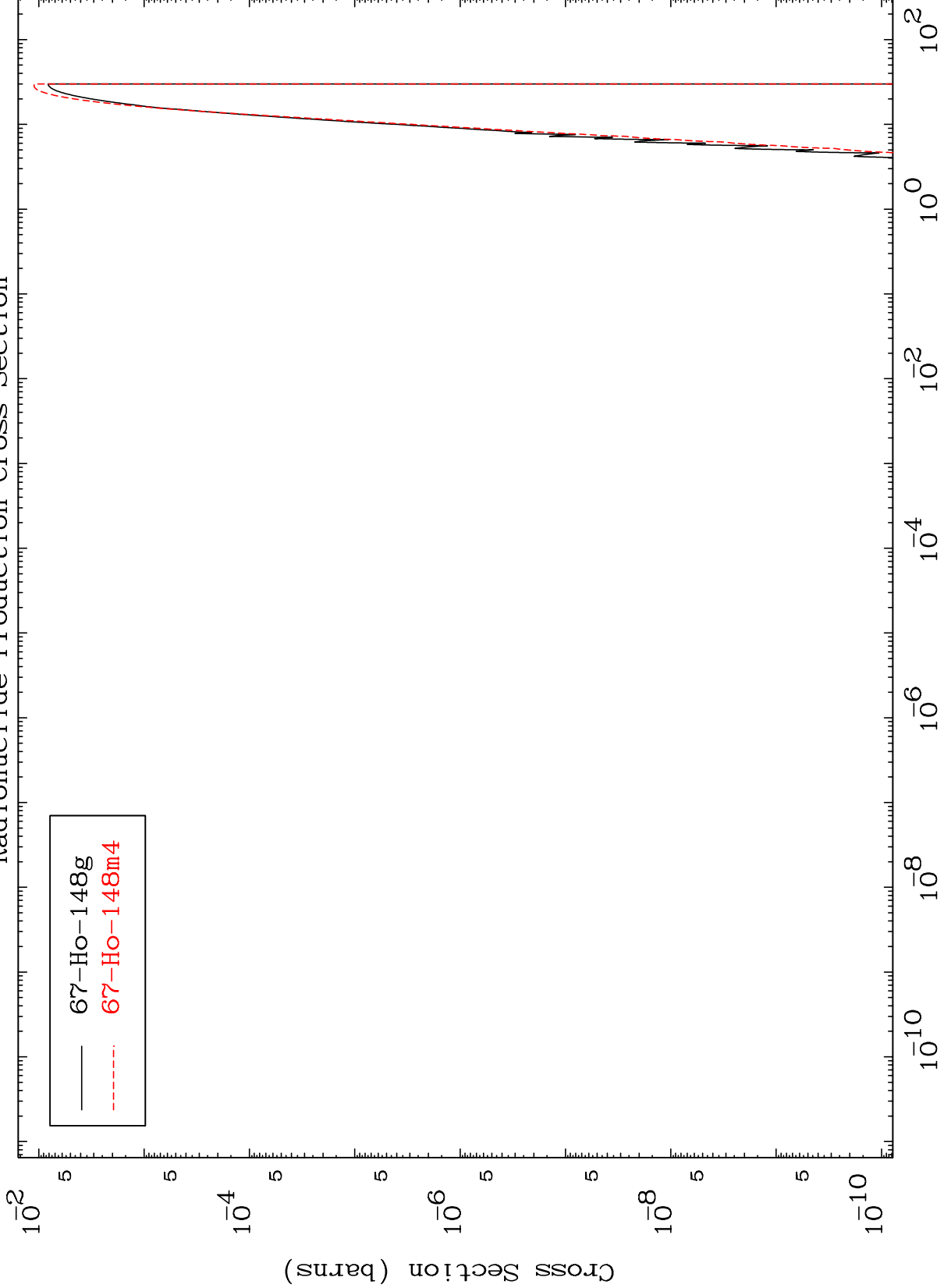


MAT 6868

(n,He-3)

69-Tm-150

Radionuclide Production Cross Section

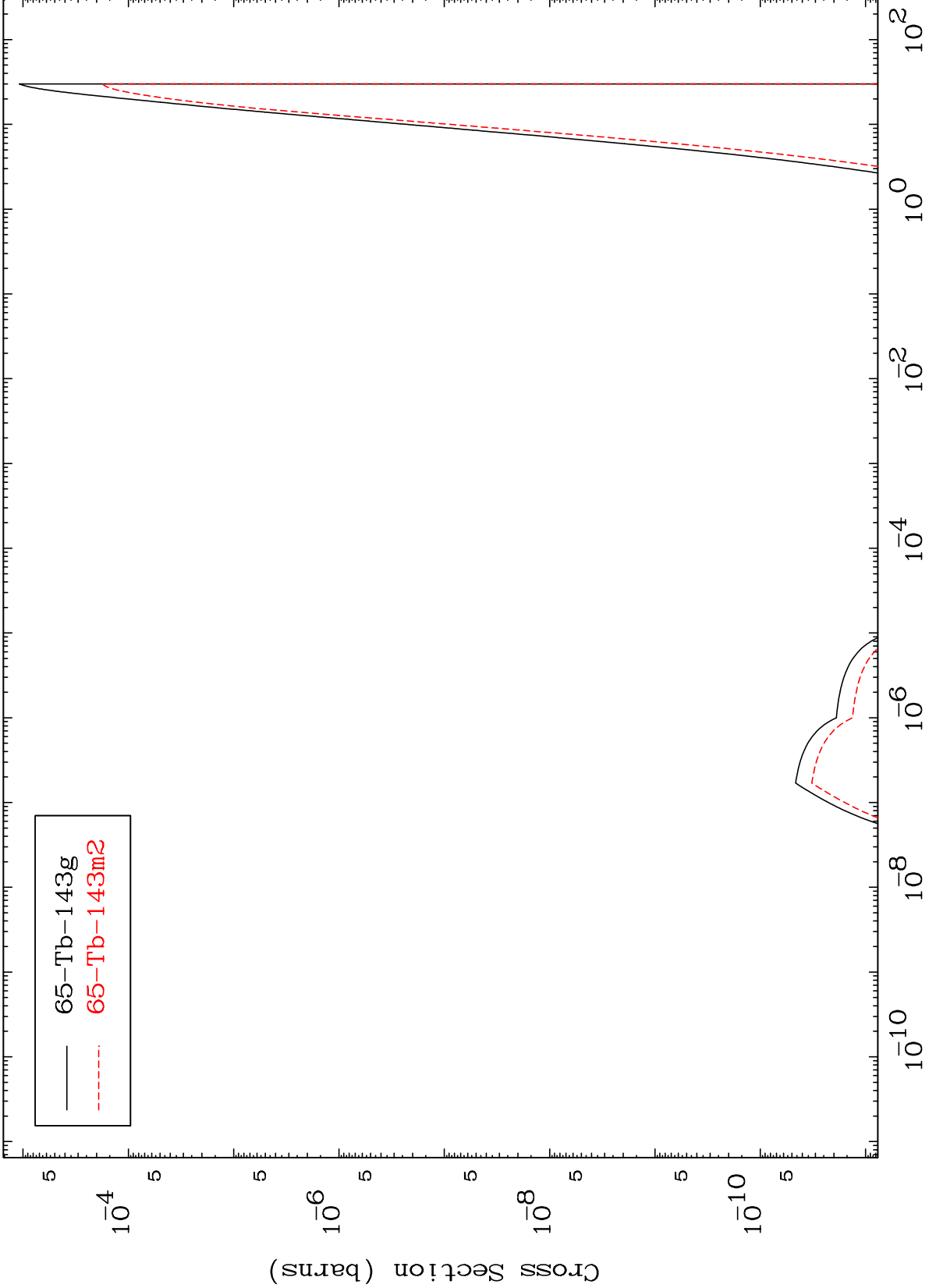
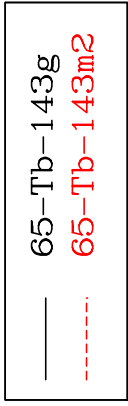


MAT 6868

(n,2α)

69-Tm-150

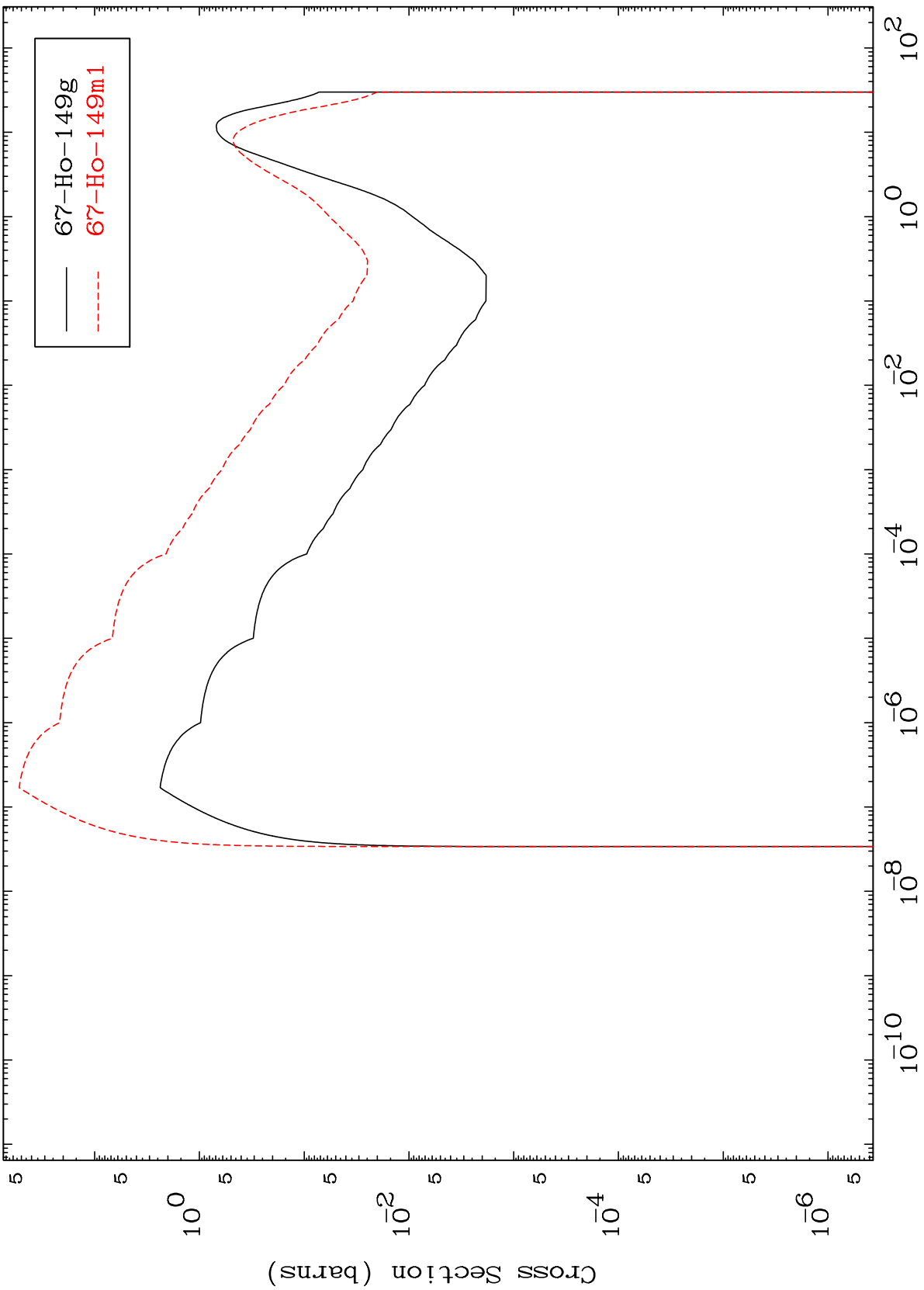
Radionuclide Production Cross Section



MAT 6868

69-Tm-150

(n,2p)
Radionuclide Production Cross Section



98

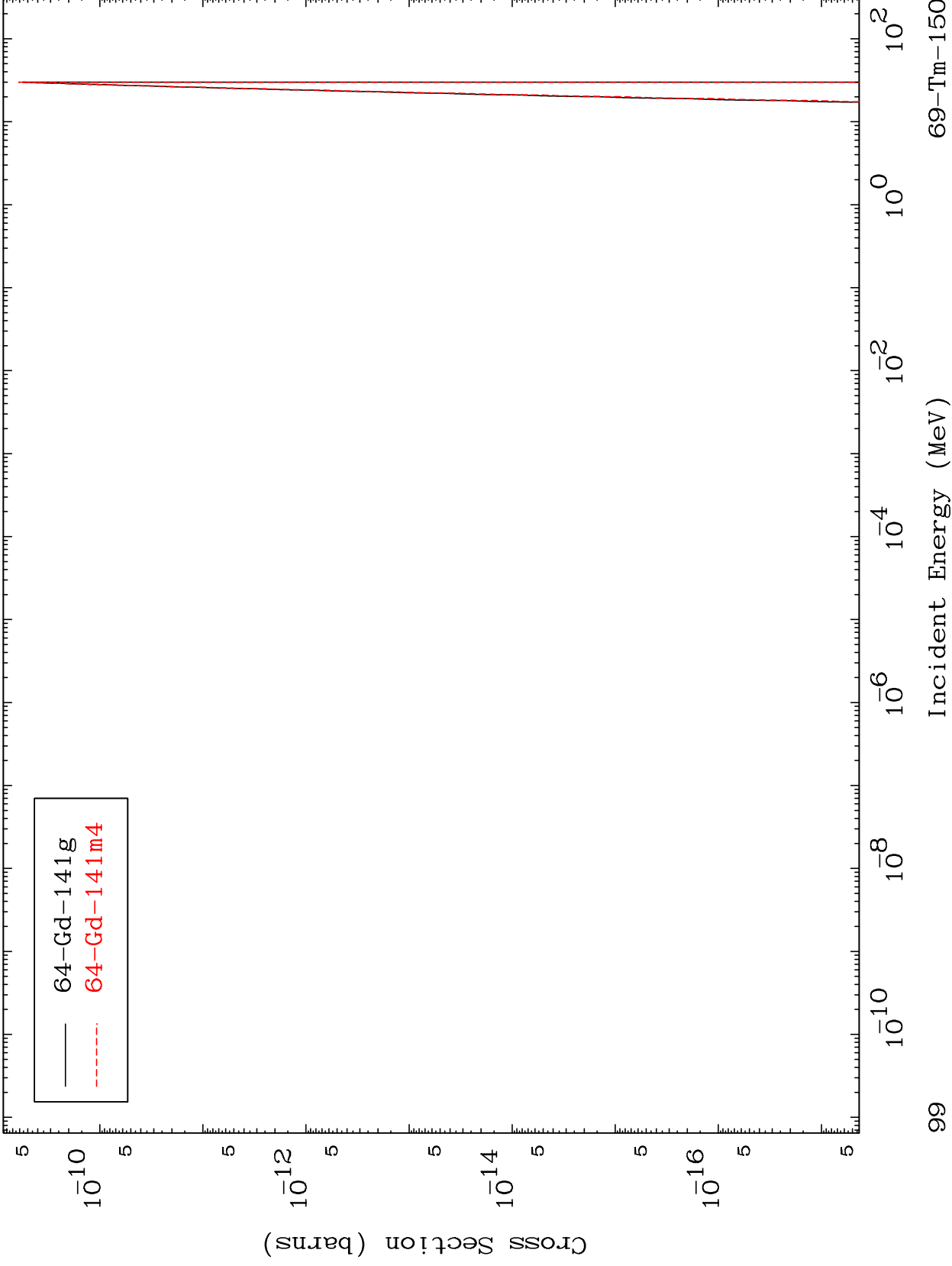
69-Tm-150

MAT 6868

(n,d) 2 α

69-Tm-150

Radionuclide Production Cross Section



99

Incident Energy (MeV)

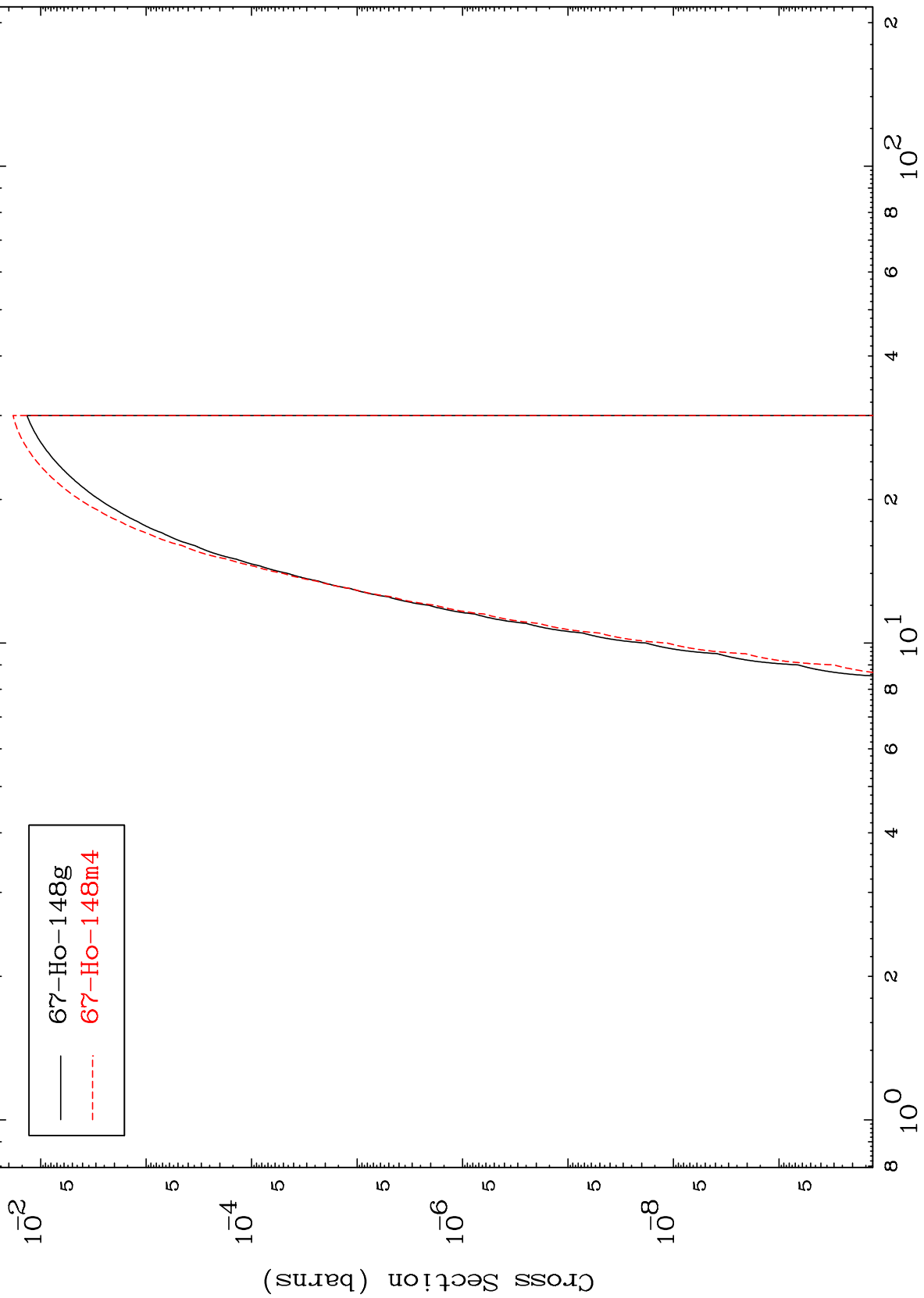
69-Tm-150

MAT 6868

(n,p) d

69-Tm-150

Radionuclide Production Cross Section



Incident Energy (MeV)

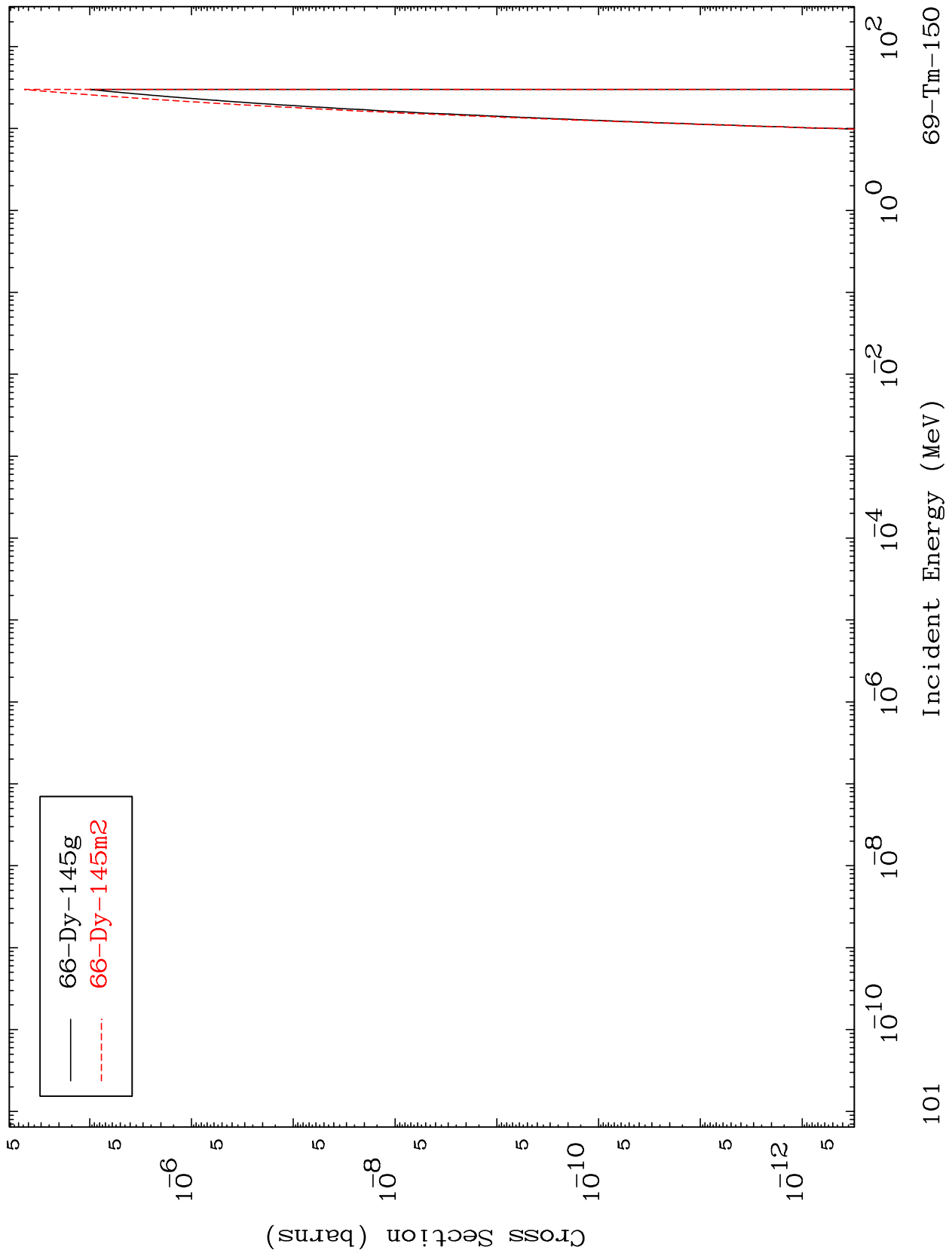
69-Tm-150

MAT 6868

(n,d) α

69-Tm-150

Radionuclide Production Cross Section



101

Incident Energy (MeV)

69-Tm-150