

Program EVALPLOT
(Version 2018-1)

by

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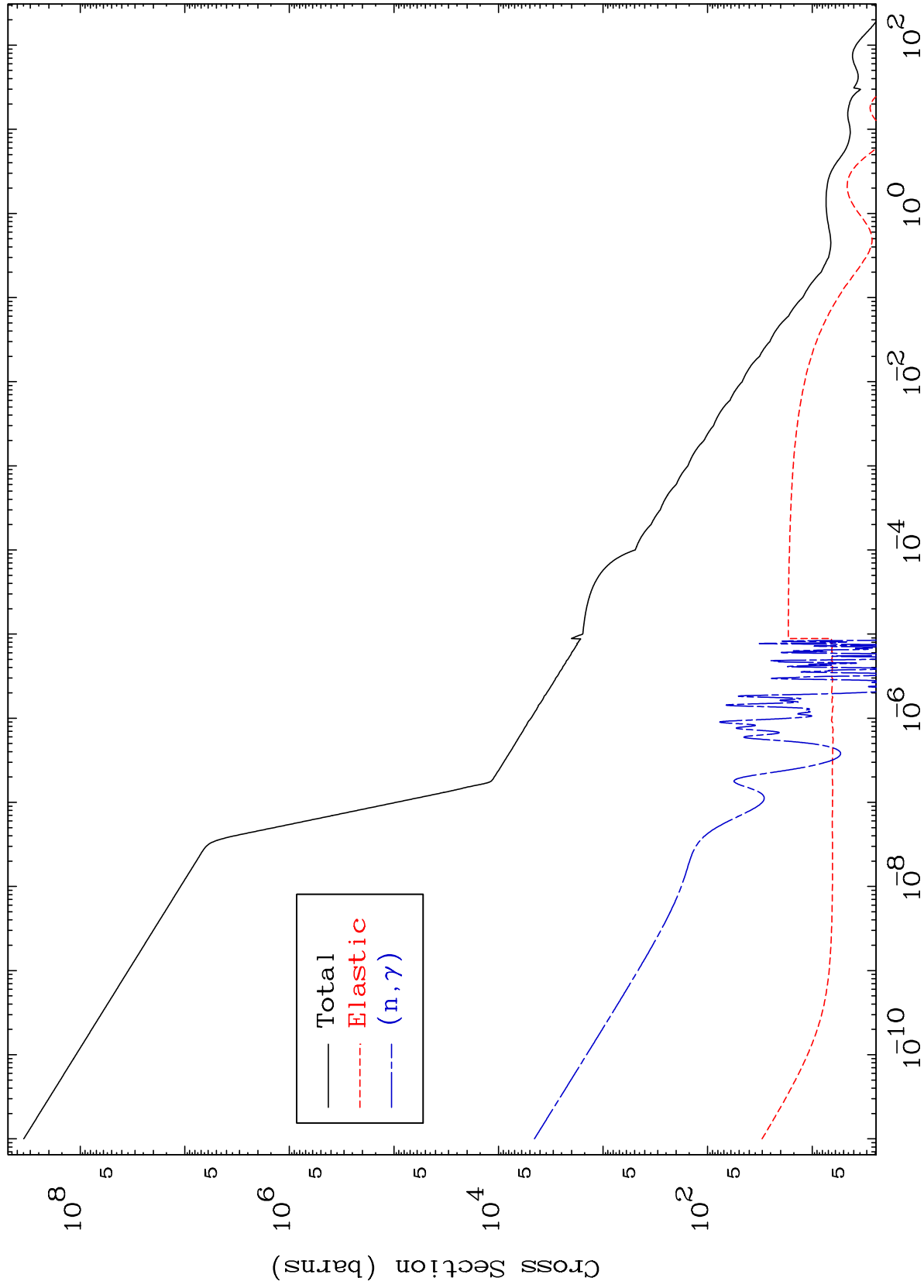
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6868

Major
293 Kelvin Cross Sections

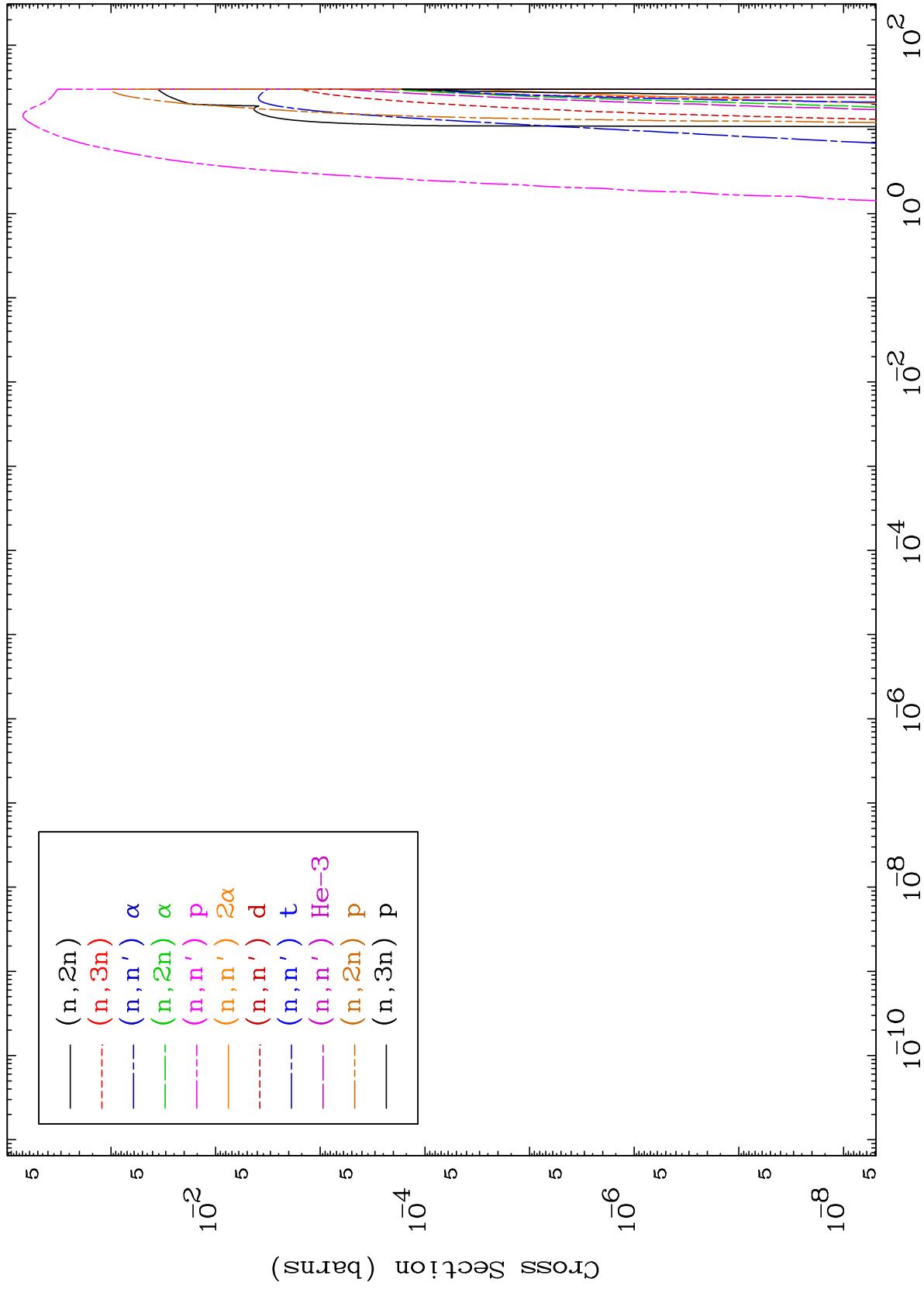
69-Tm-150



MAT 6868

Neutron Production
293 Kelvin Cross Sections

69-Tm-150



2

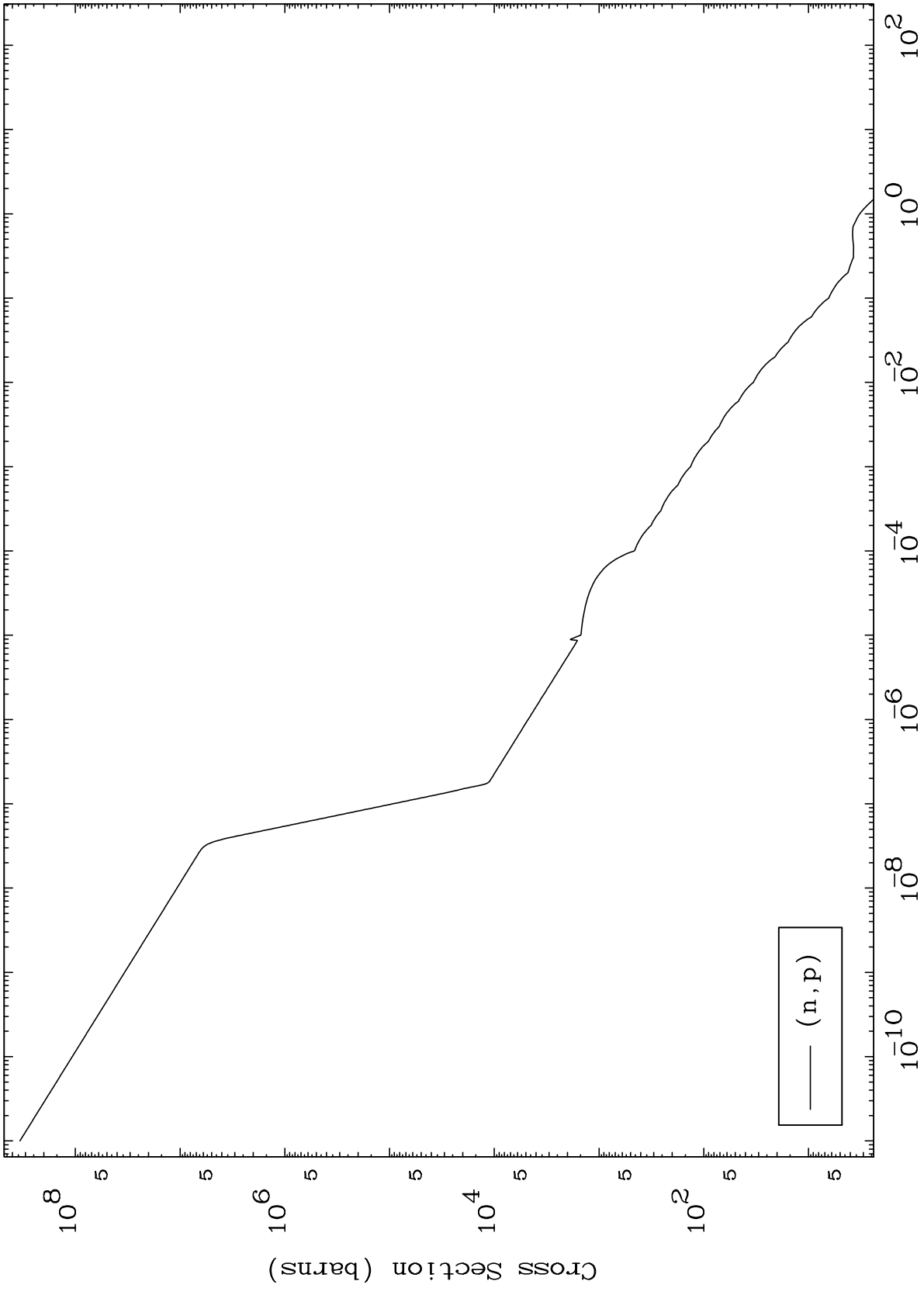
Incident Energy (MeV)

69-Tm-150

MAT 6868

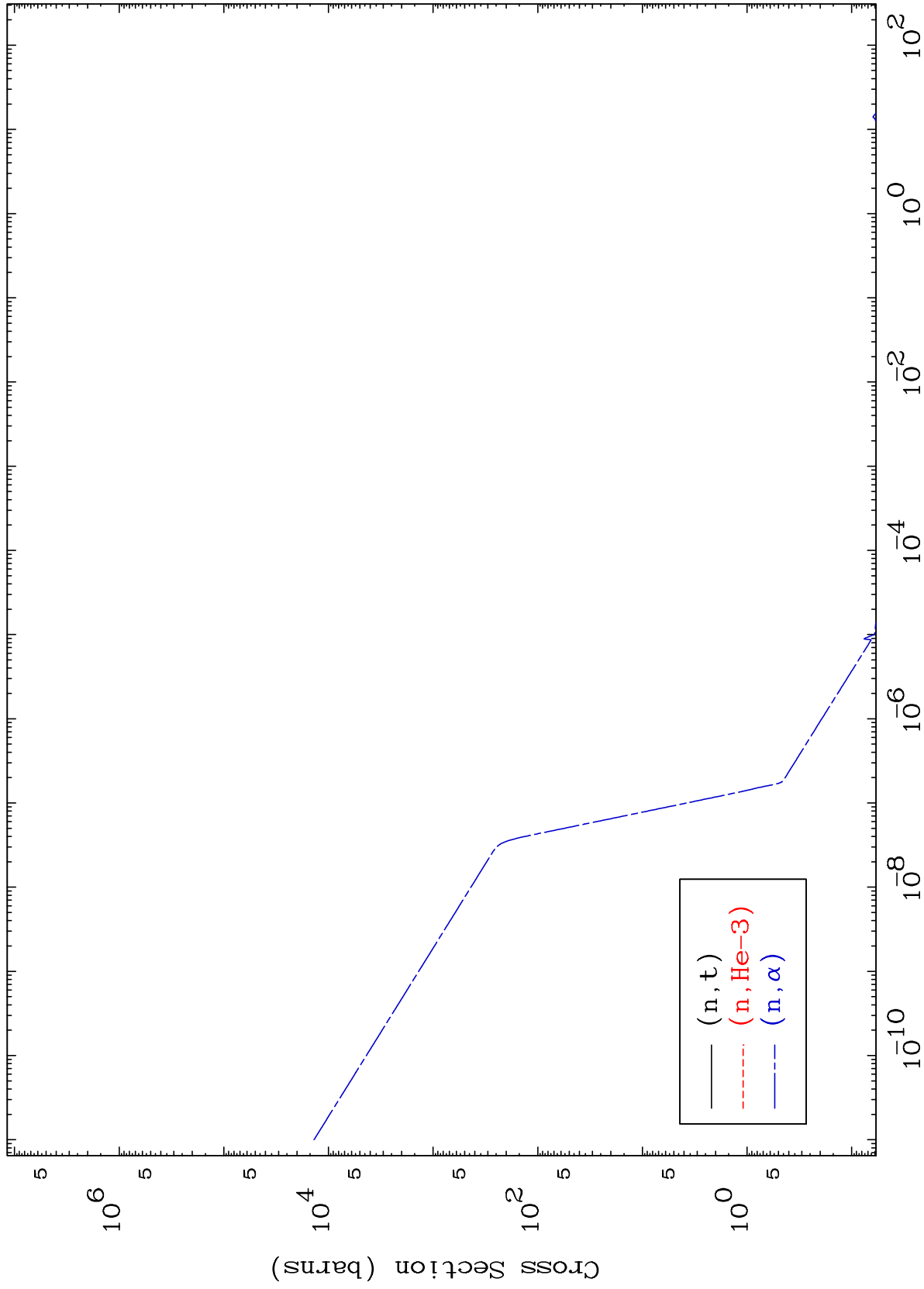
Charged Particle
293 Kelvin Cross Sections

69-Tm-150



(n, p)

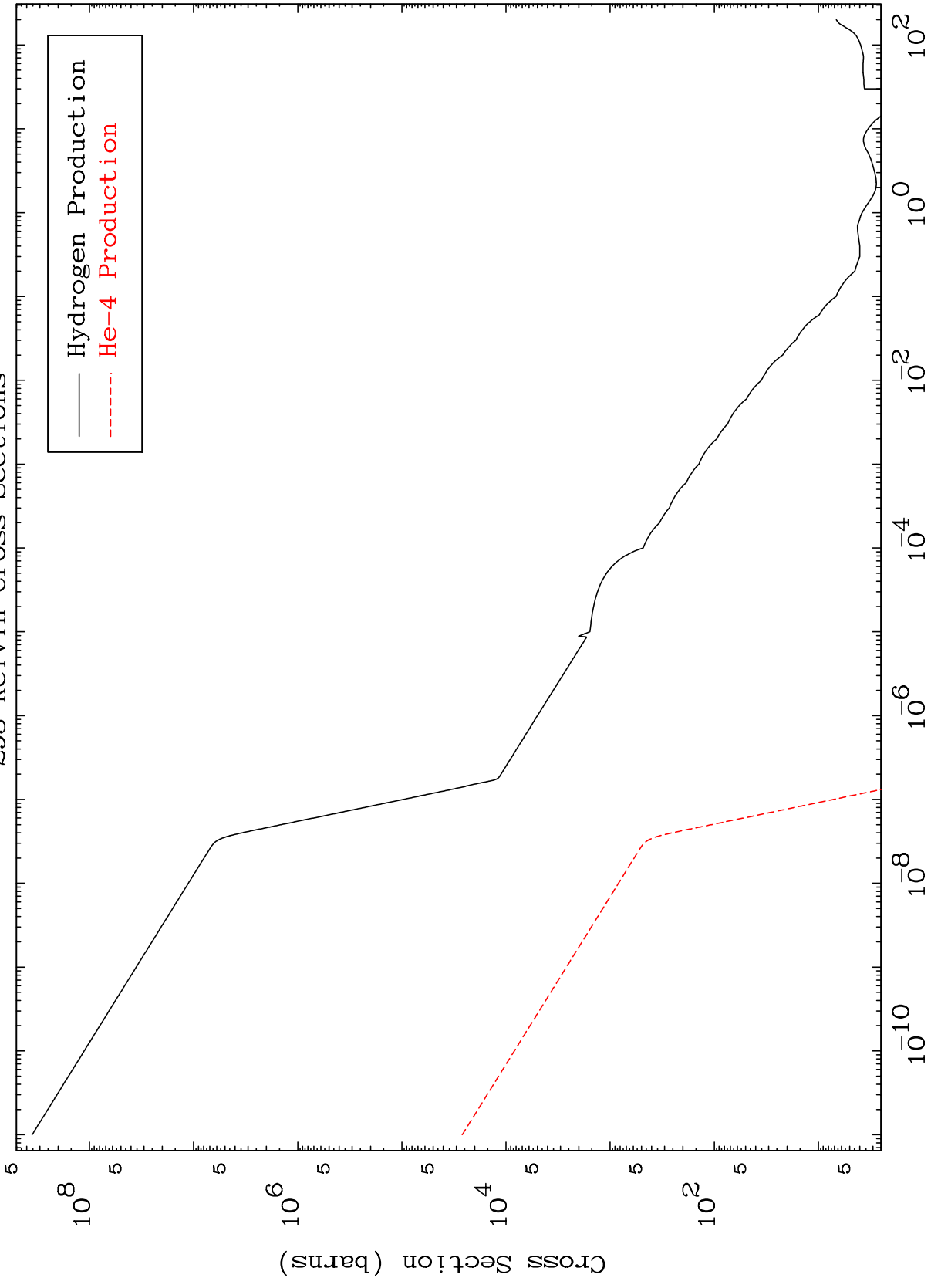
69-Tm-150



MAT 6868

Particle Production
293 Kelvin Cross Sections

69-Tm-150



5

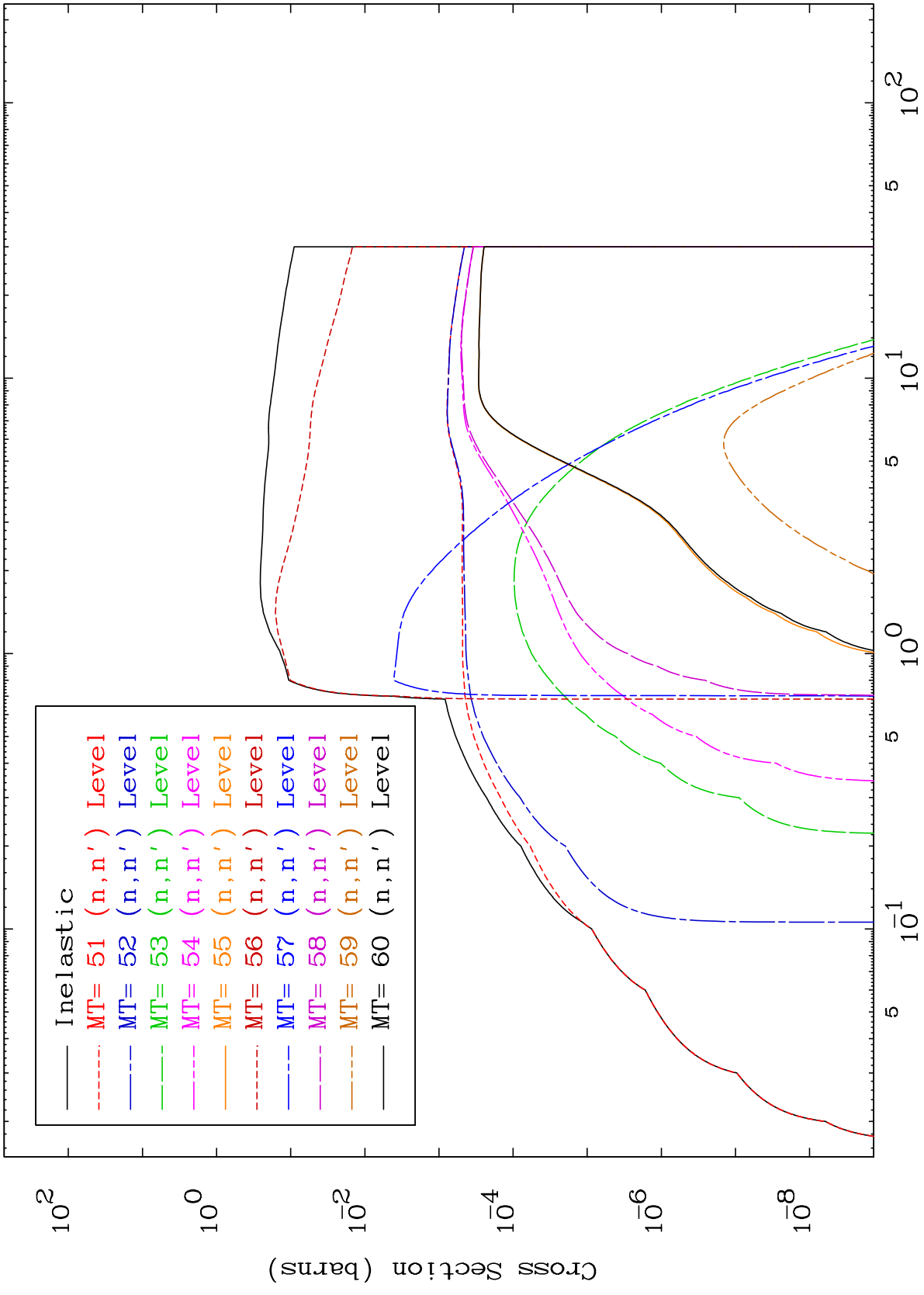
Incident Energy (MeV)

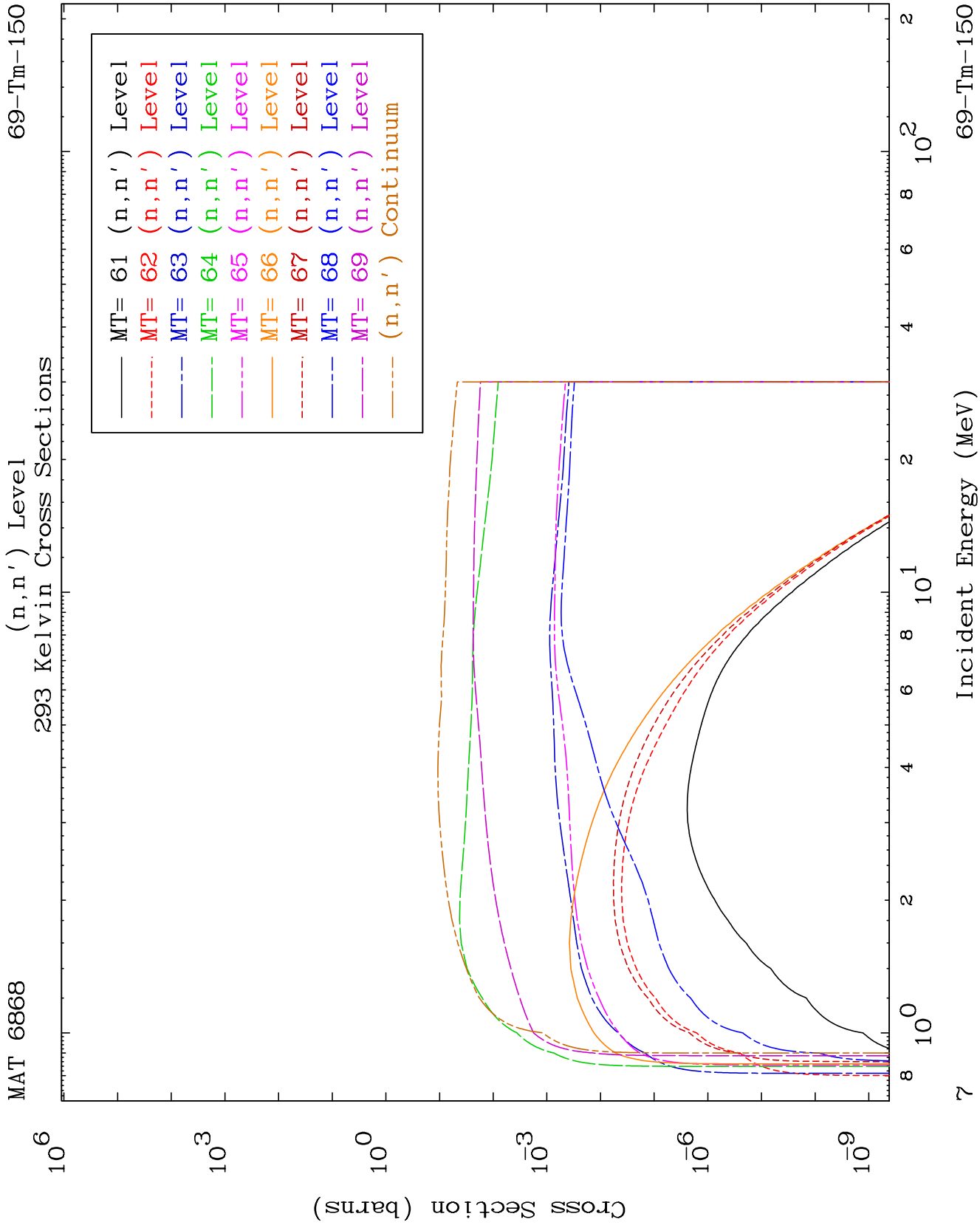
69-Tm-150

MAT 6868

(n,n') Level
293 Kelvin Cross Sections

69-Tm-150

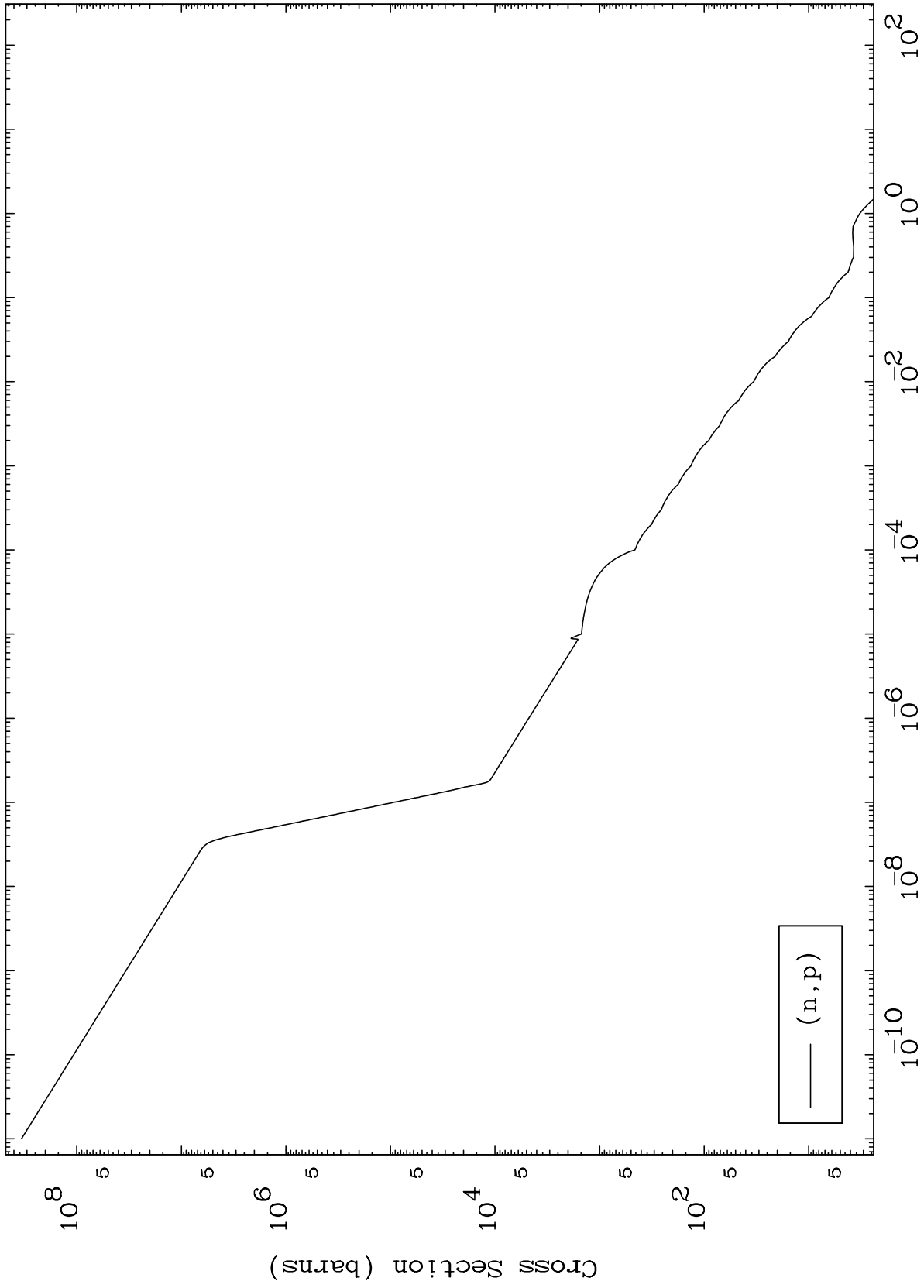




MAT 6868

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-150

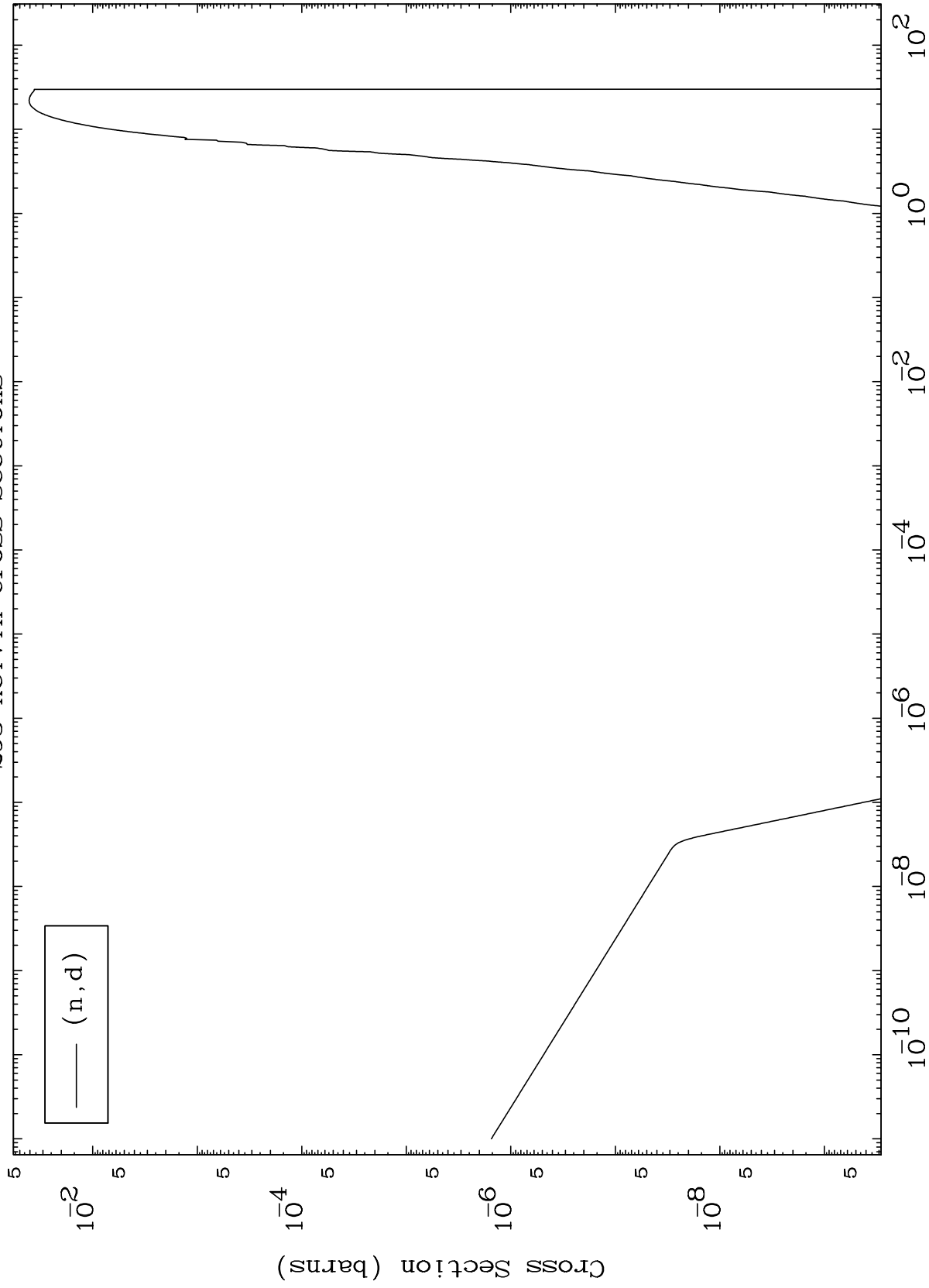


— (n, p)

MAT 6868

(n,d) Levels
293 Kelvin Cross Sections

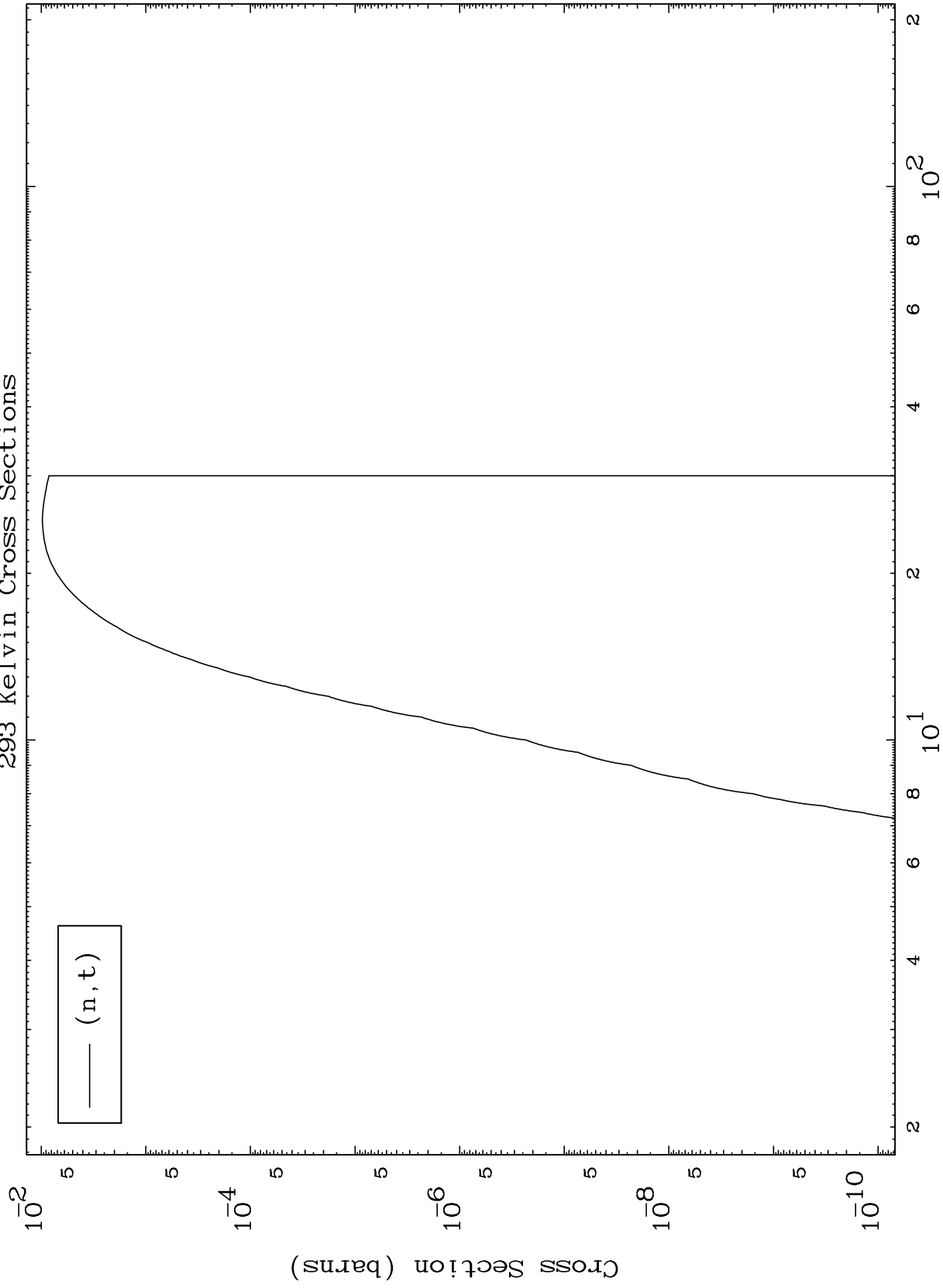
69-Tm-150



MAT 6868

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-150



10

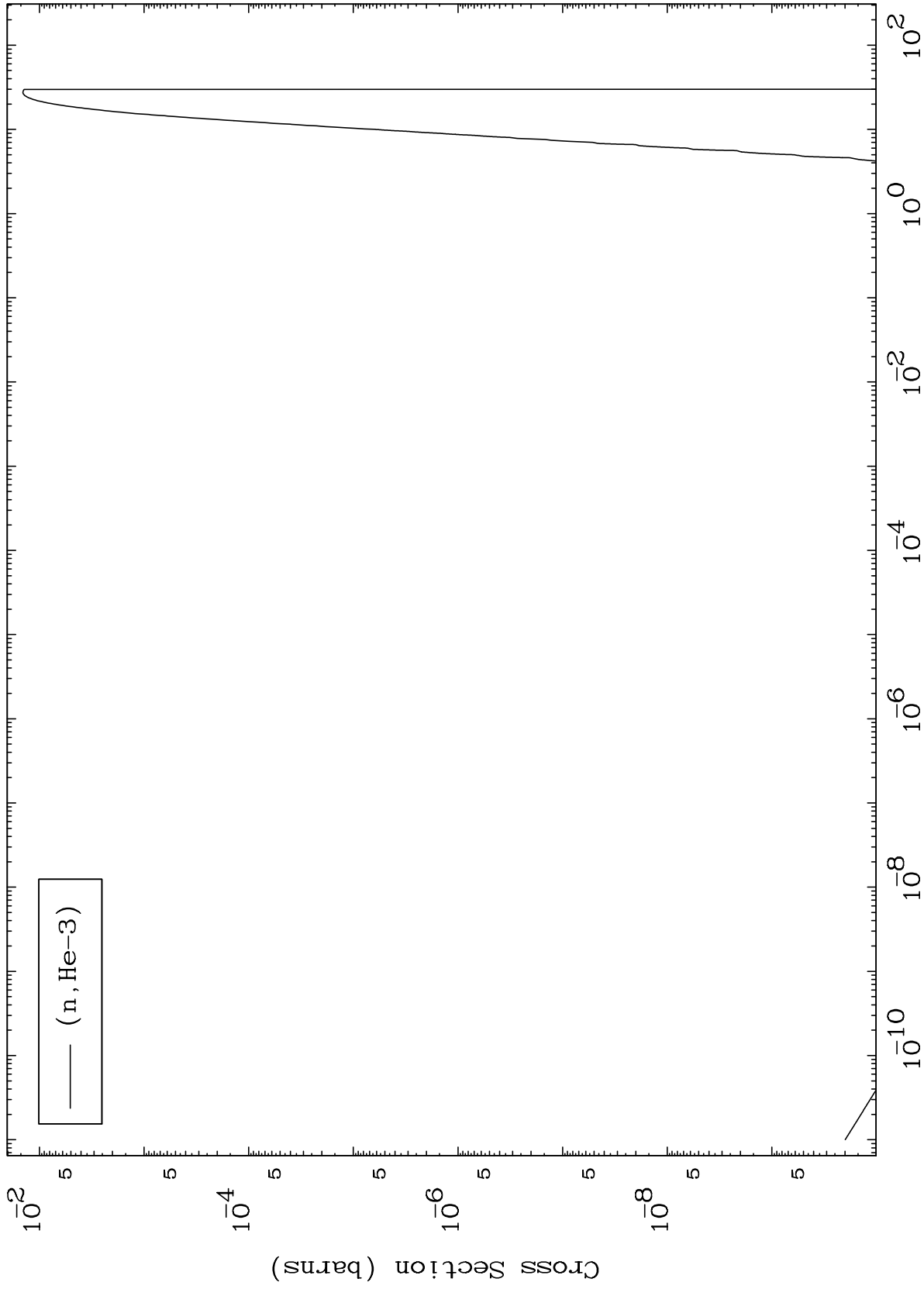
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-150



11

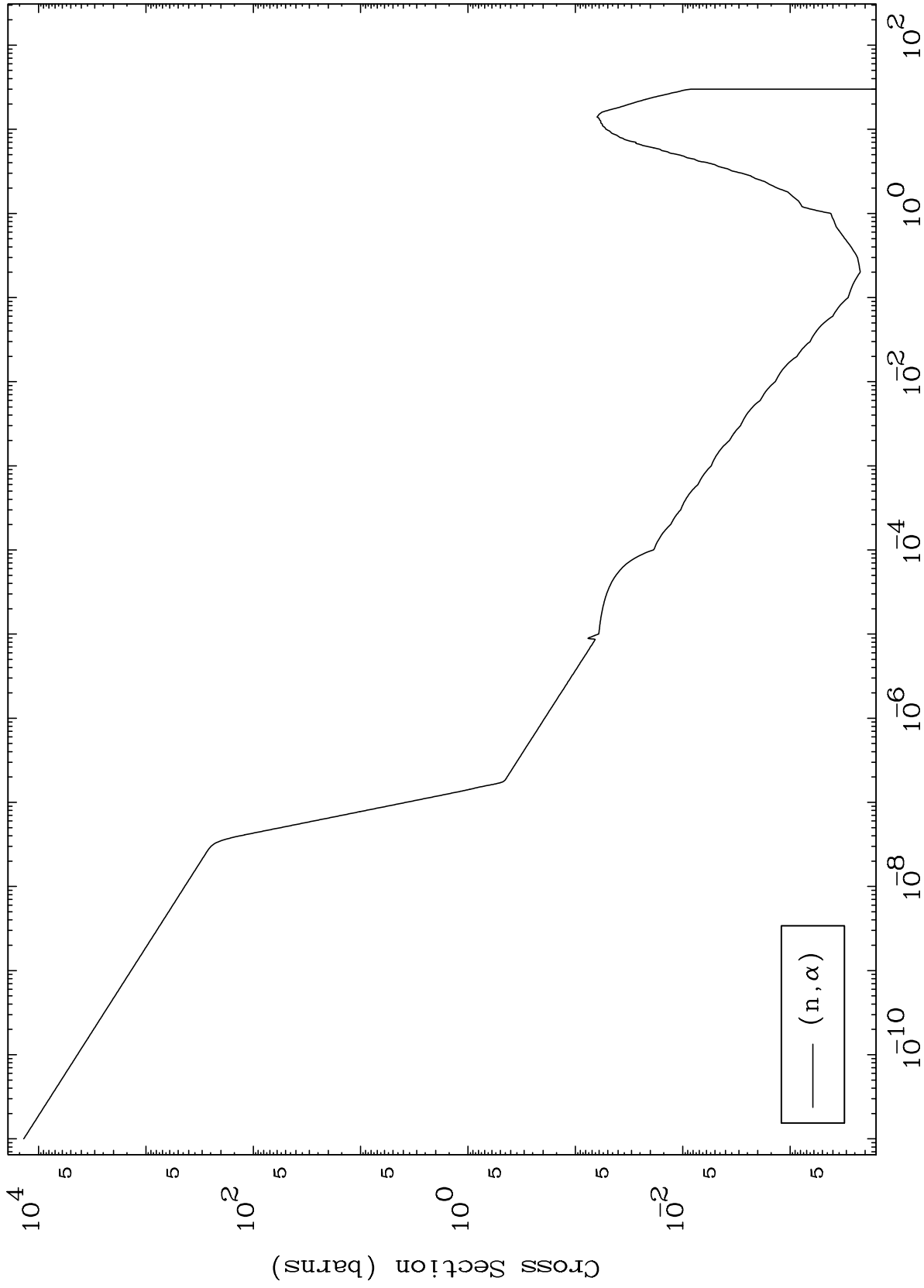
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-150



12

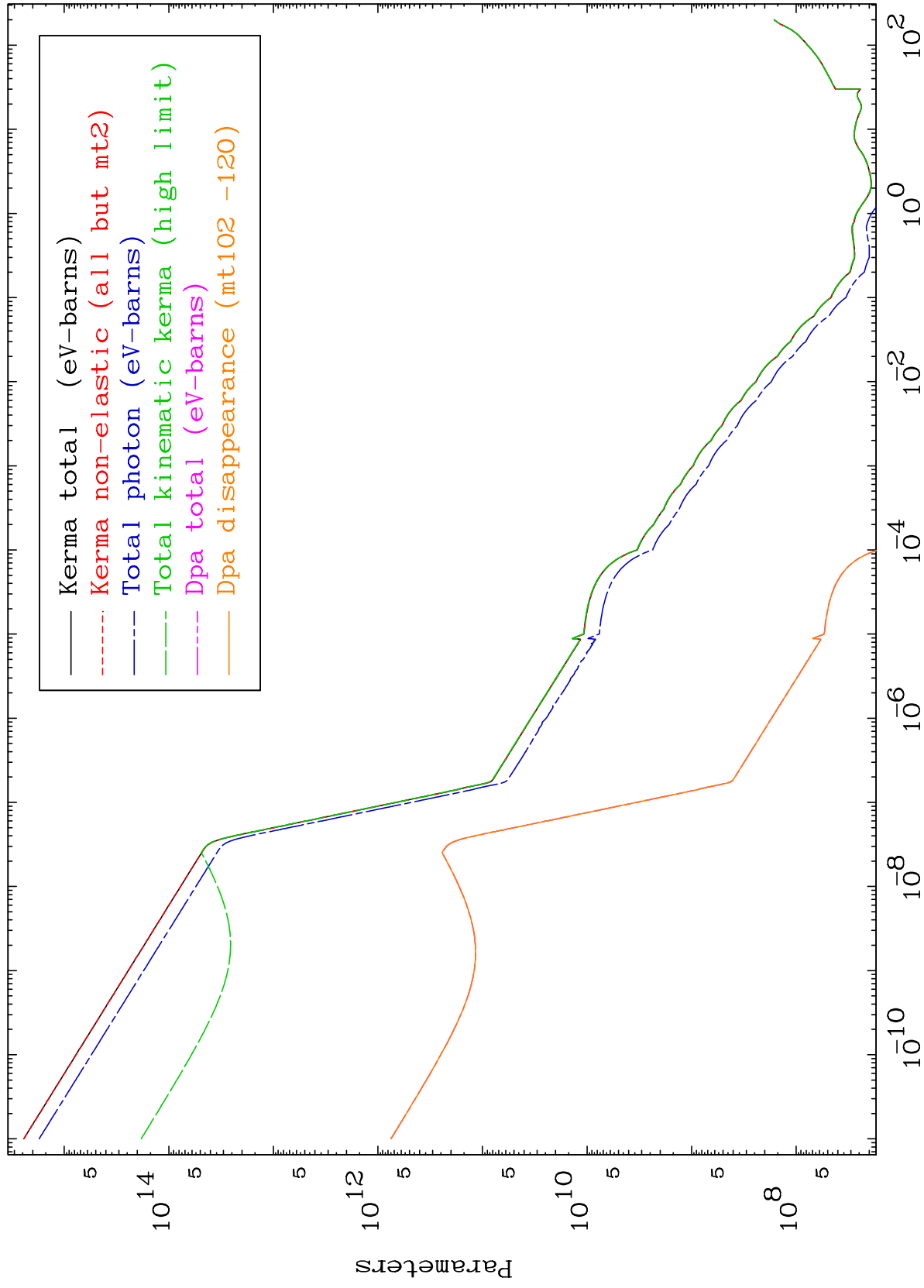
Incident Energy (MeV)

69-Tm-150

MAT 6868

Energy Release
Parameters

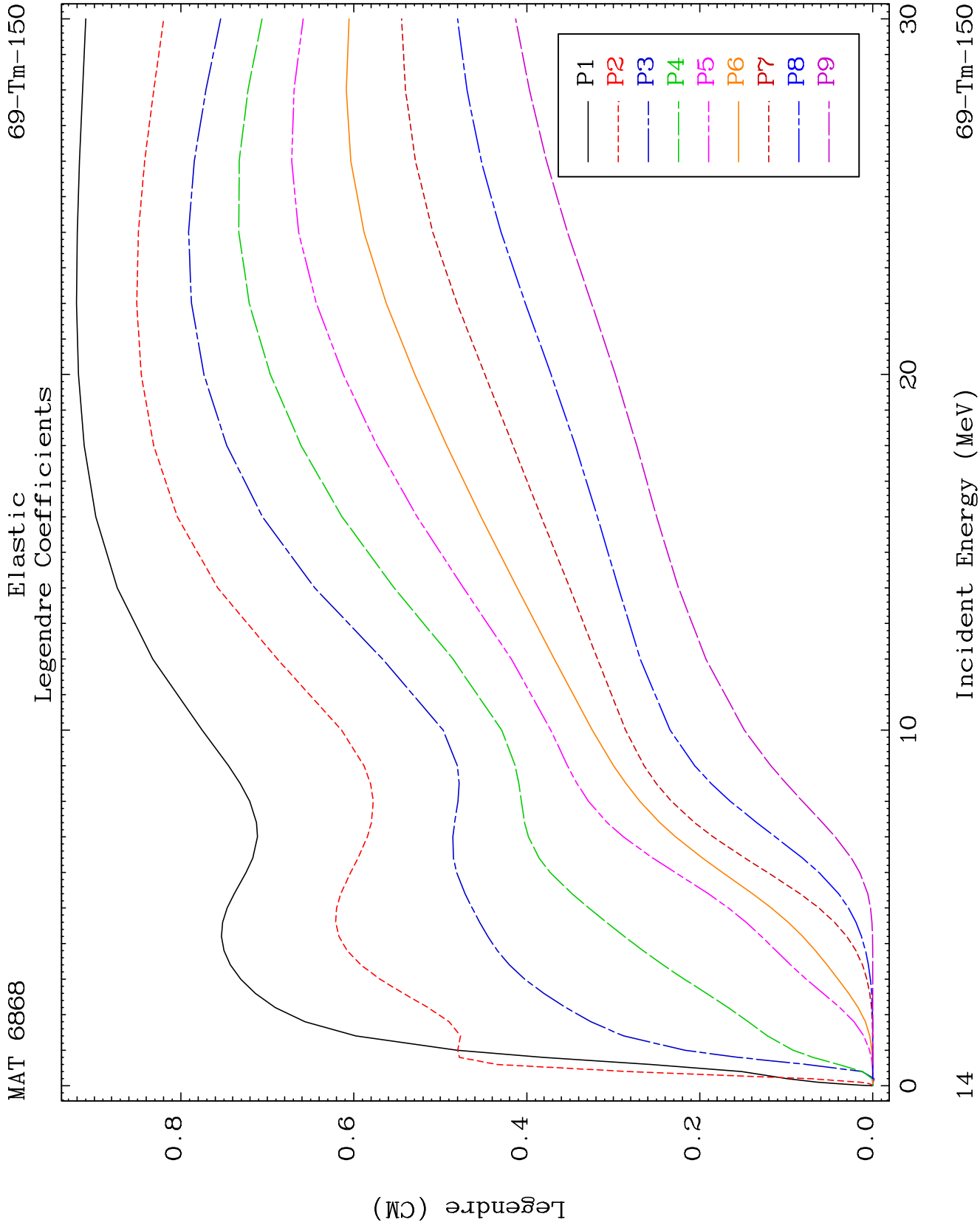
69-Tm-150



13

Incident Energy (MeV)

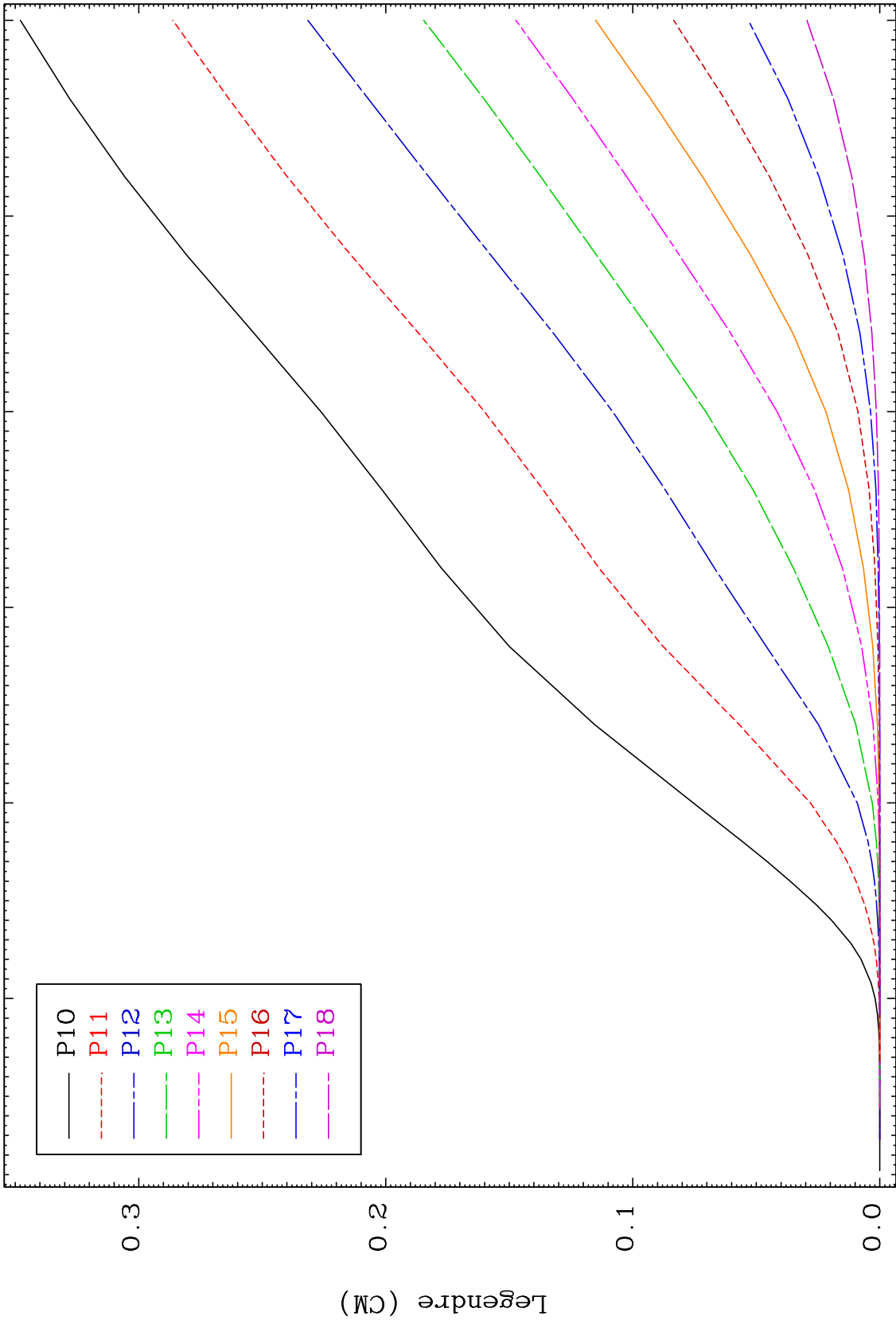
69-Tm-150



MAT 6868

Elastic Legendre Coefficients

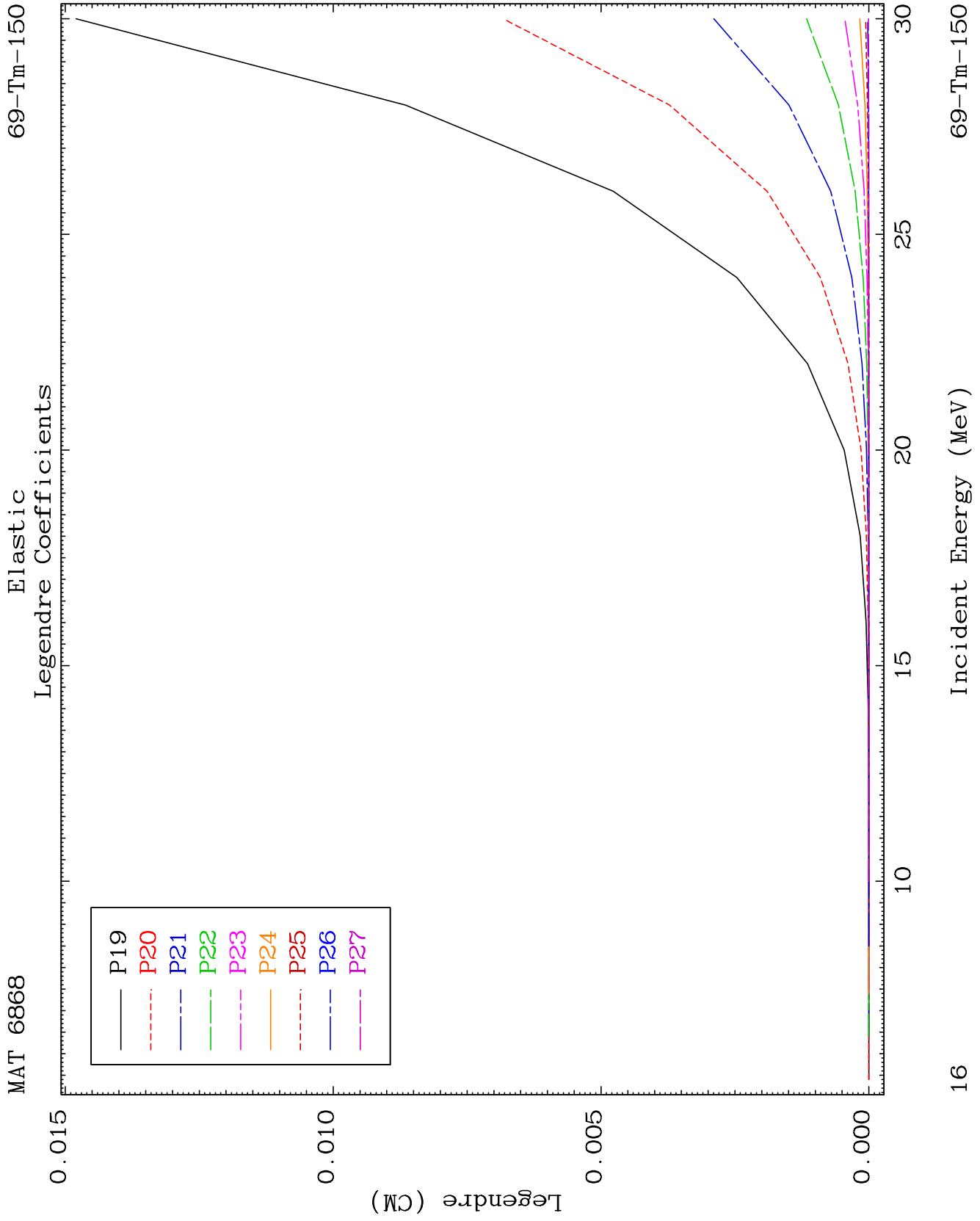
69-Tm-150



15

Incident Energy (MeV)

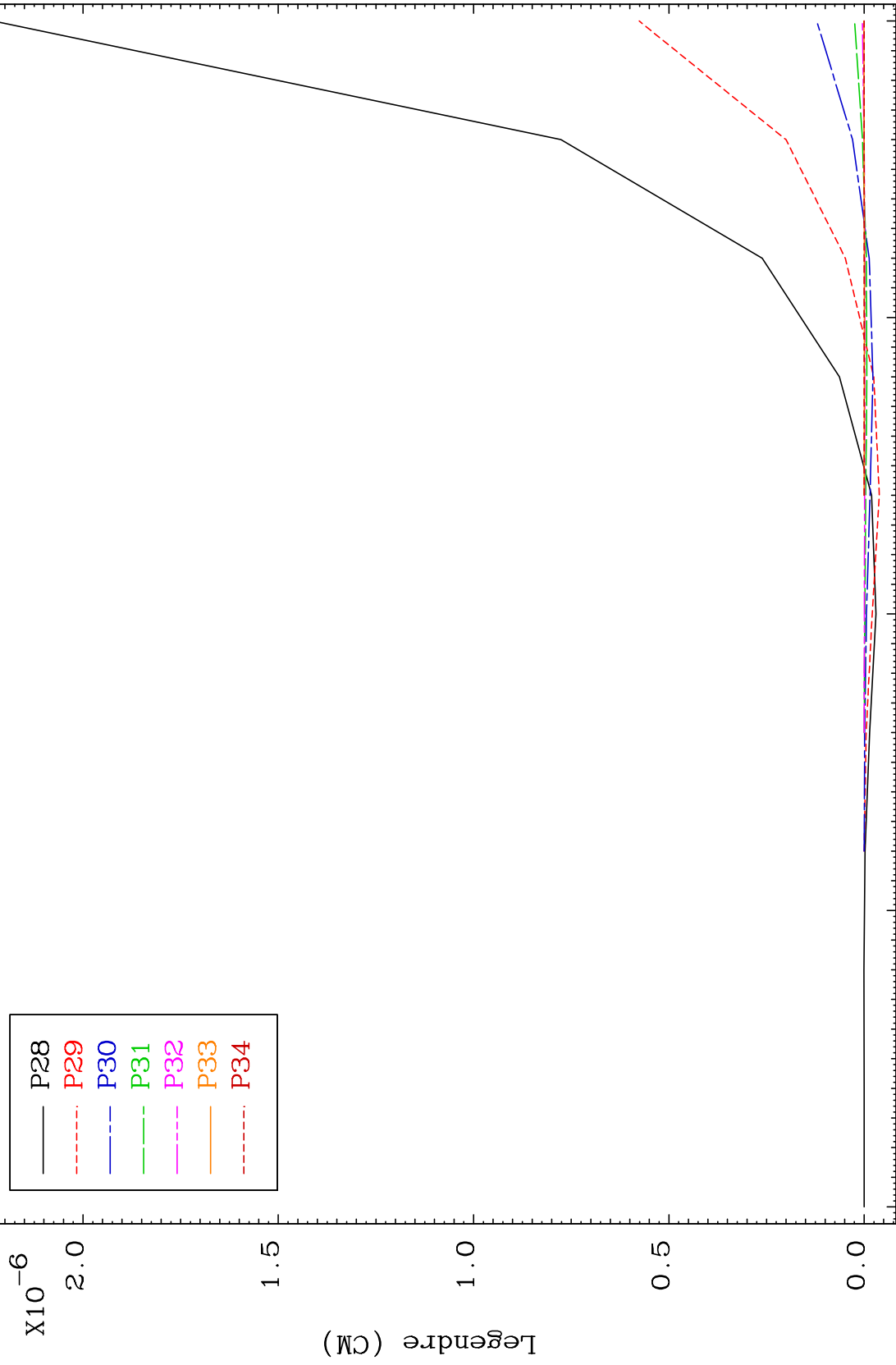
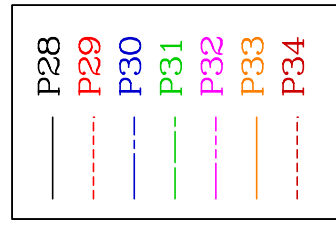
69-Tm-150



MAT 6868

Elastic Legendre Coefficients

69-Tm-150

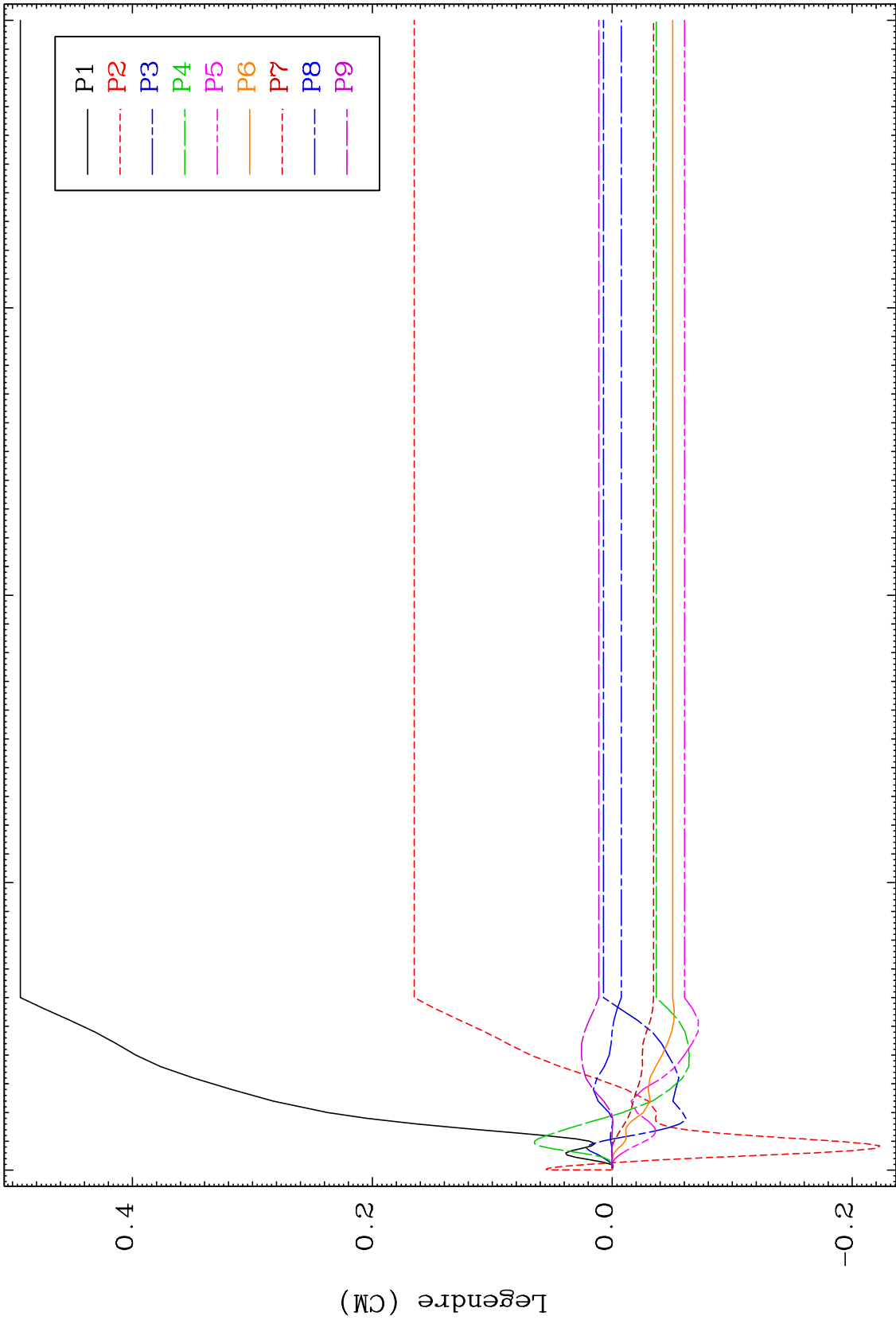


17

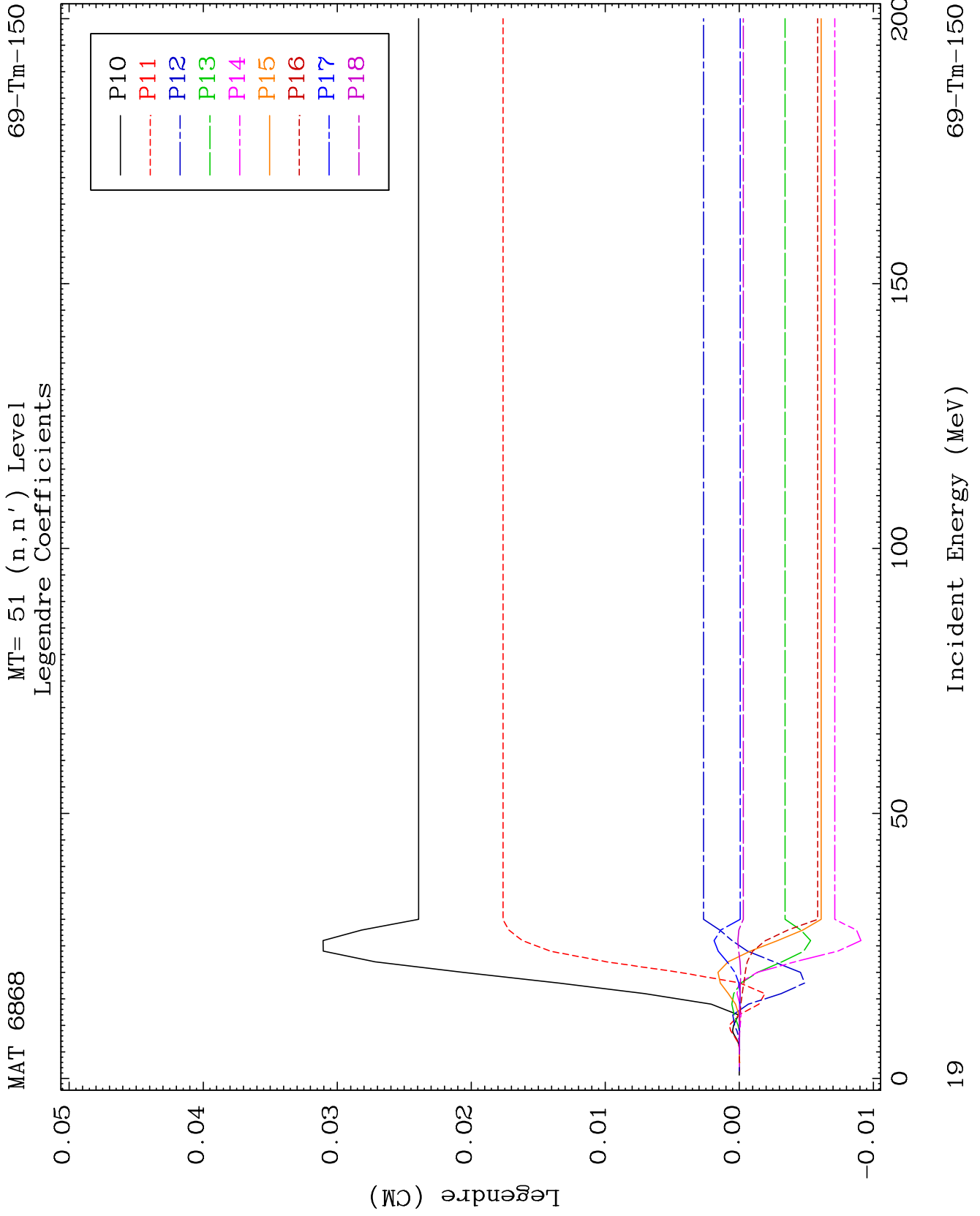
Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 51 (n,n') Level Legendre Coefficients 69-Tm-150



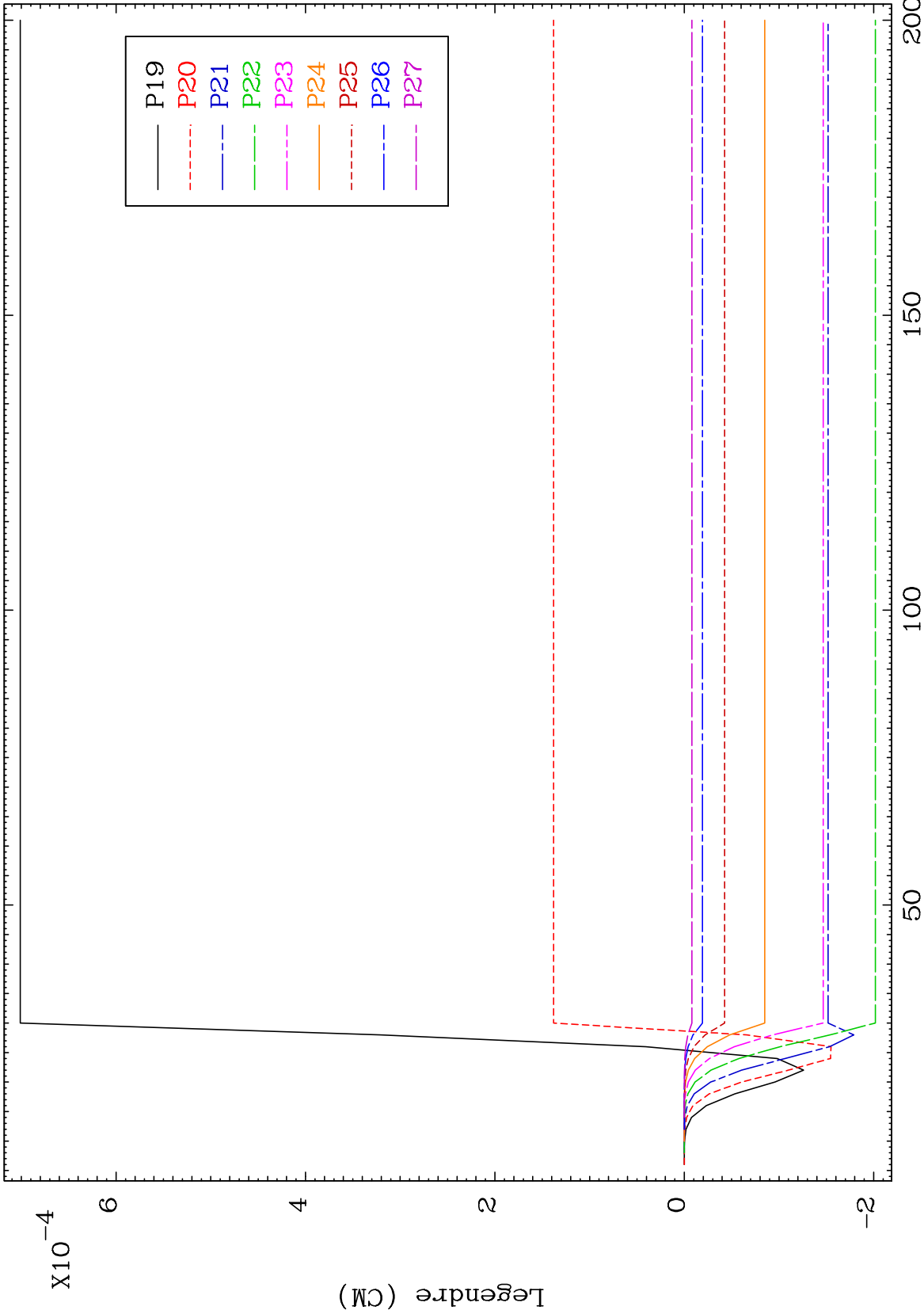
18 Incident Energy (MeV) 69-Tm-150



MAT 6868

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

69-Tm-150



20

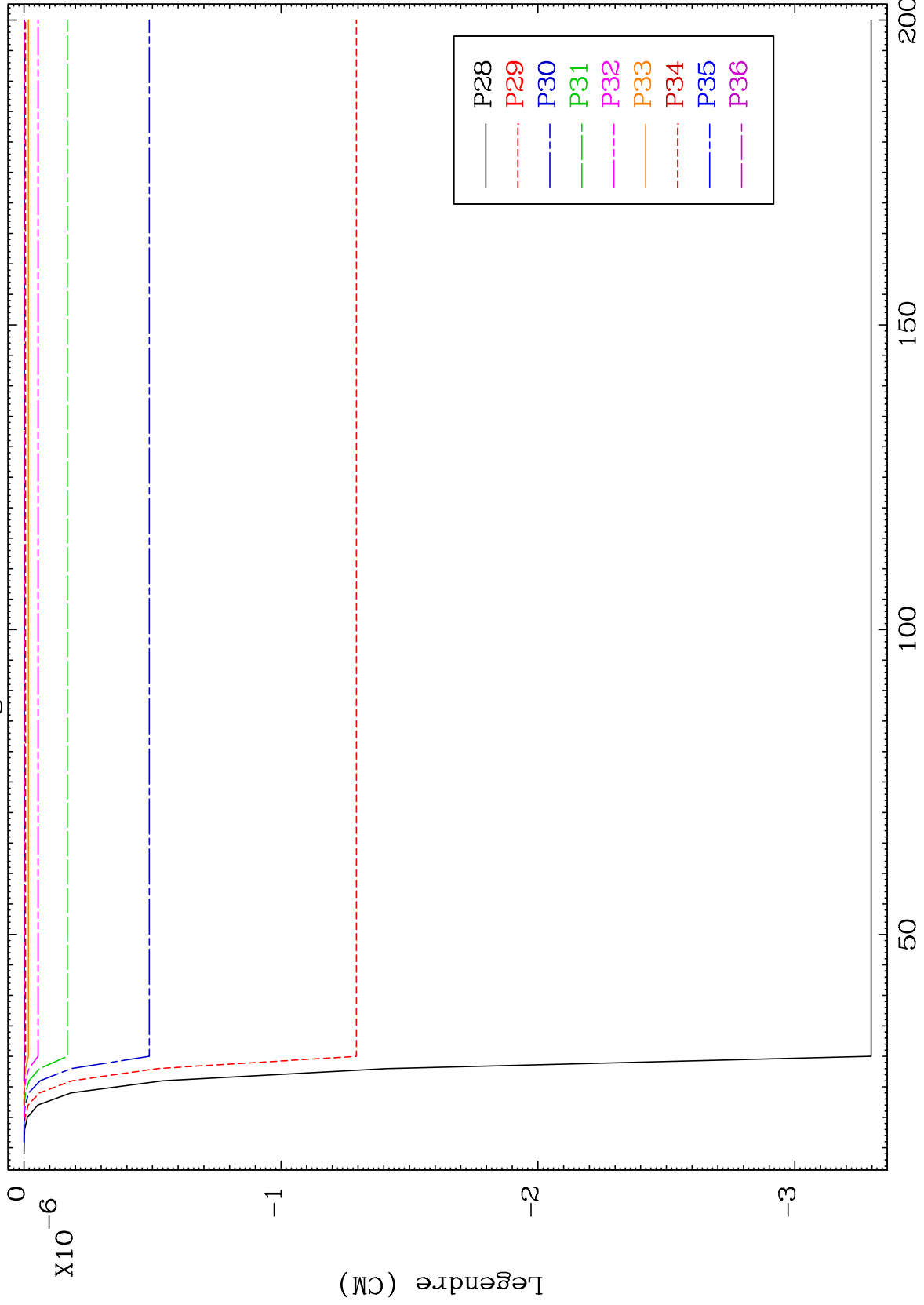
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

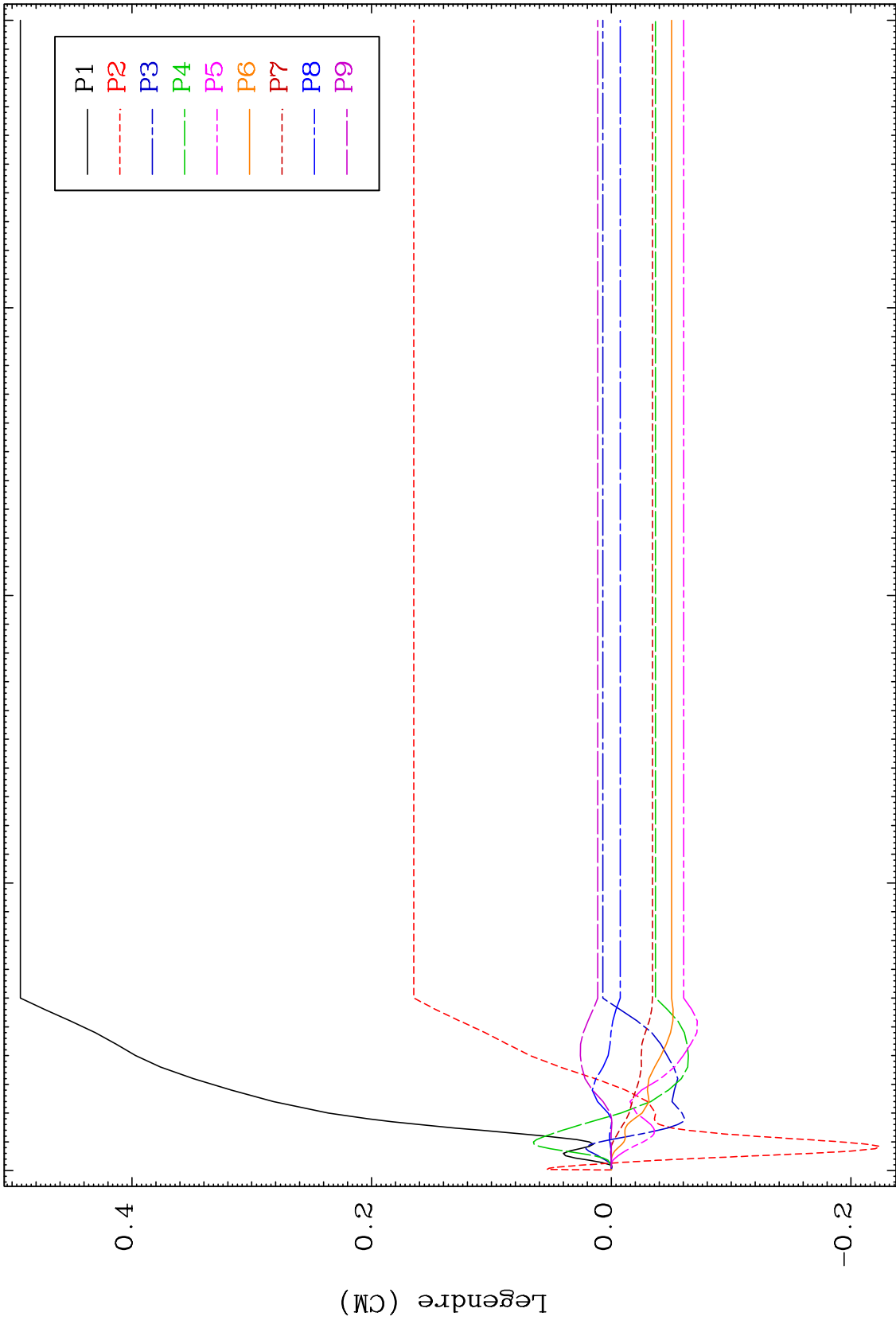


69-Tm-150

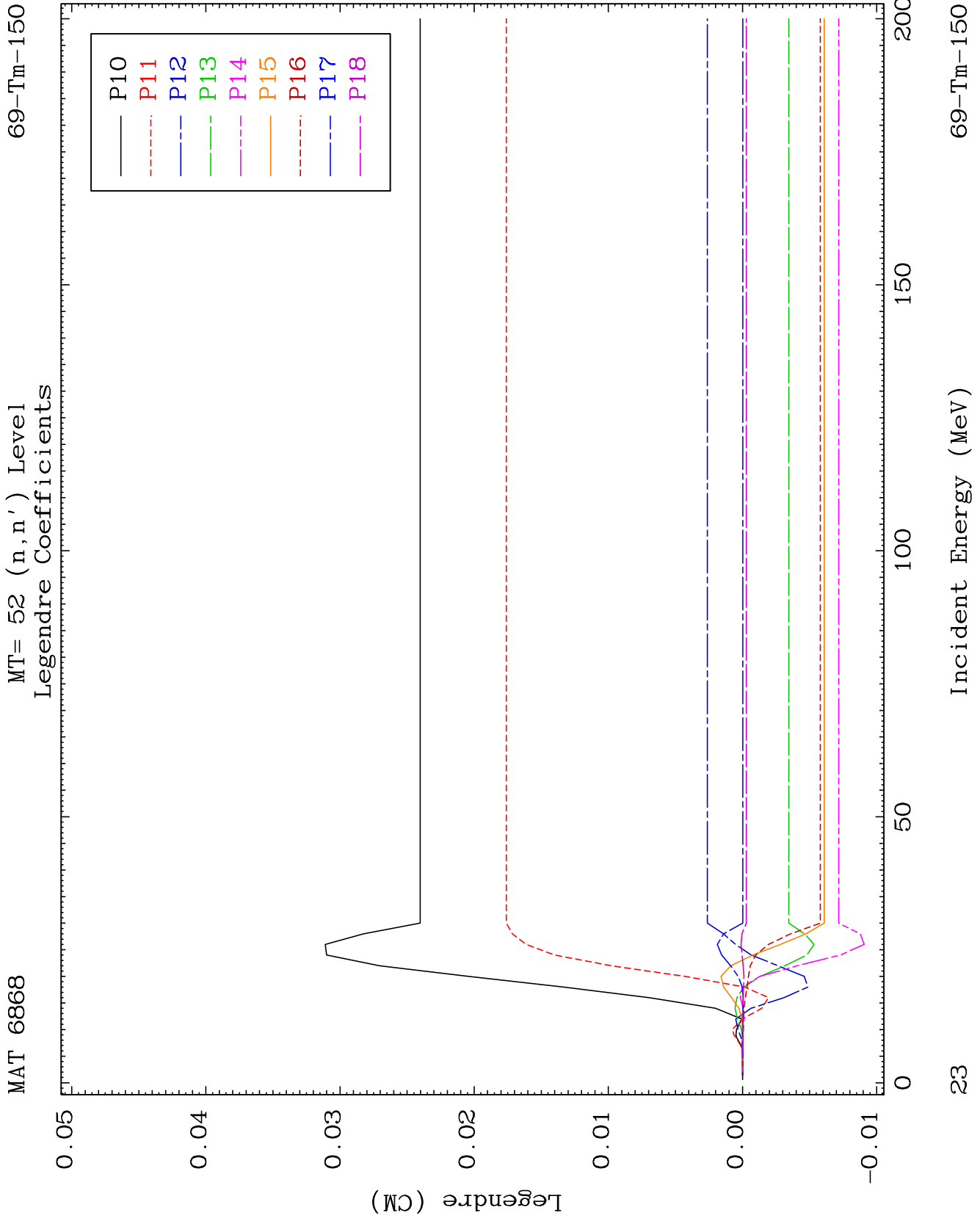
Incident Energy (MeV)

21

MAT 6868 MT= 52 (n,n') Level Legendre Coefficients 69-Tm-150



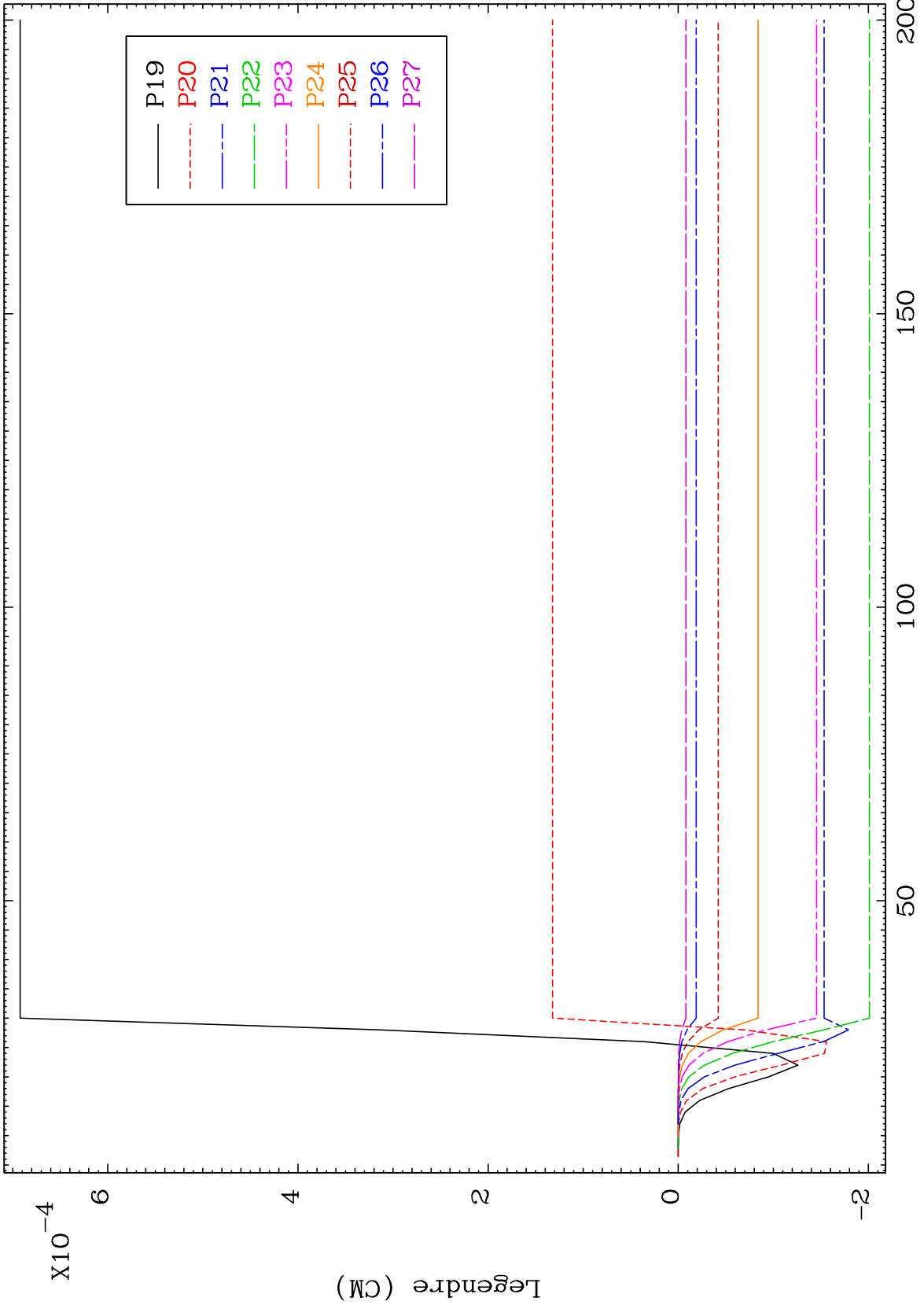
22 Incident Energy (MeV) 69-Tm-150



MAT 6868

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

69-Tm-150

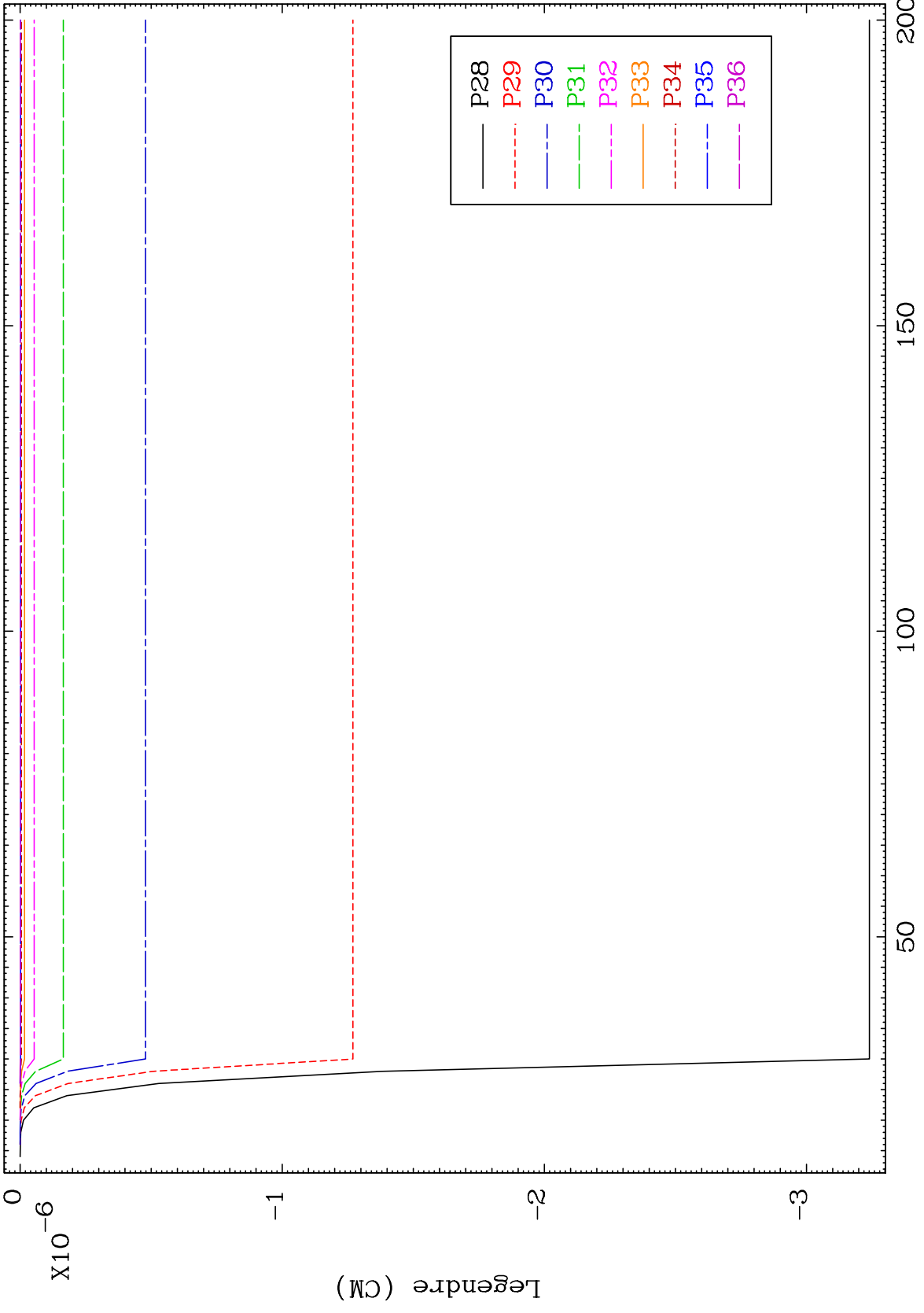


24

Incident Energy (MeV)

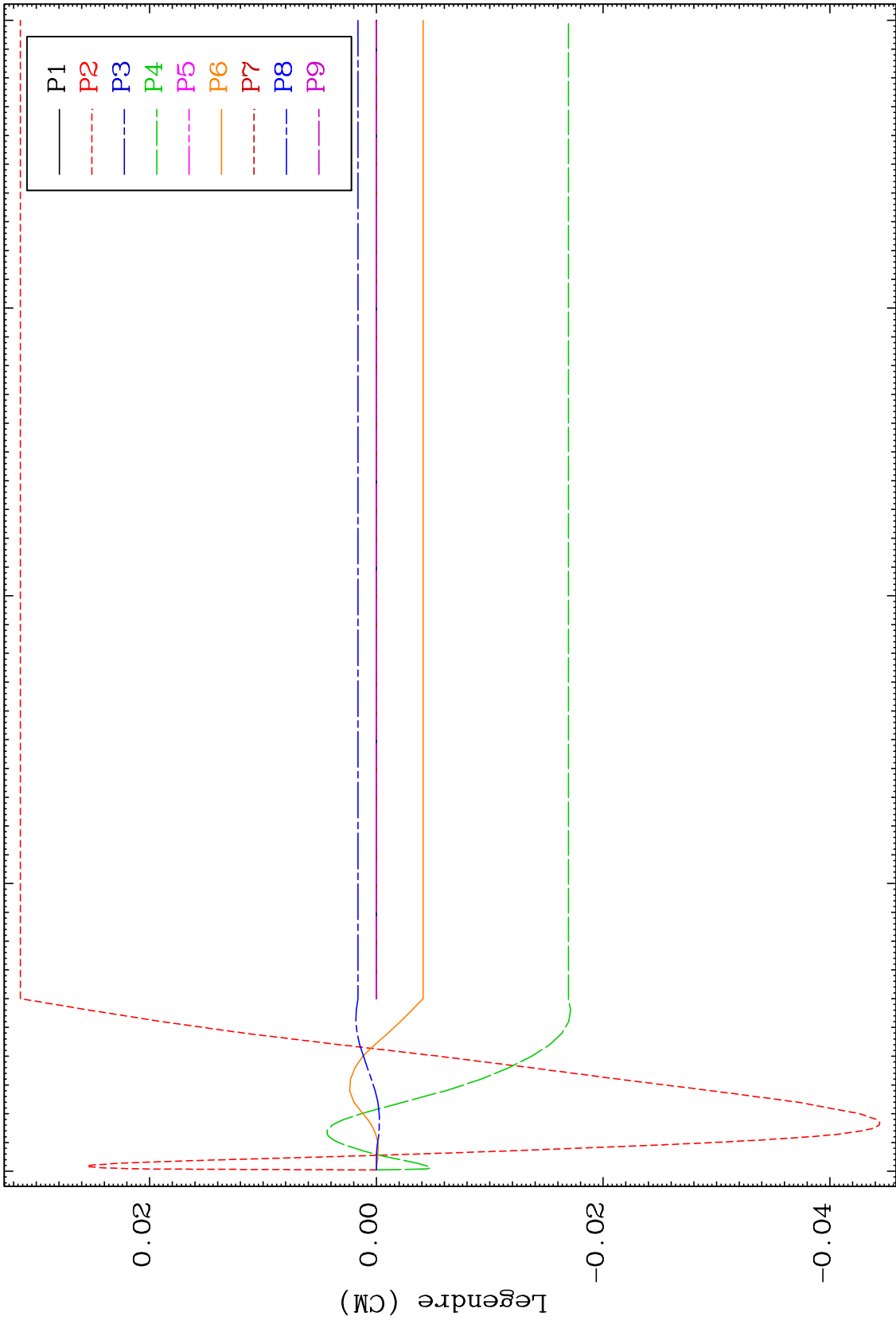
69-Tm-150

MAT 6868 MT= 52 (n,n') Level Legendre Coefficients 69-Tm-150



25 Incident Energy (MeV) 50 100 150 200 69-Tm-150

MAT 6868 MT= 53 (n,n') Level Legendre Coefficients 69-Tm-150

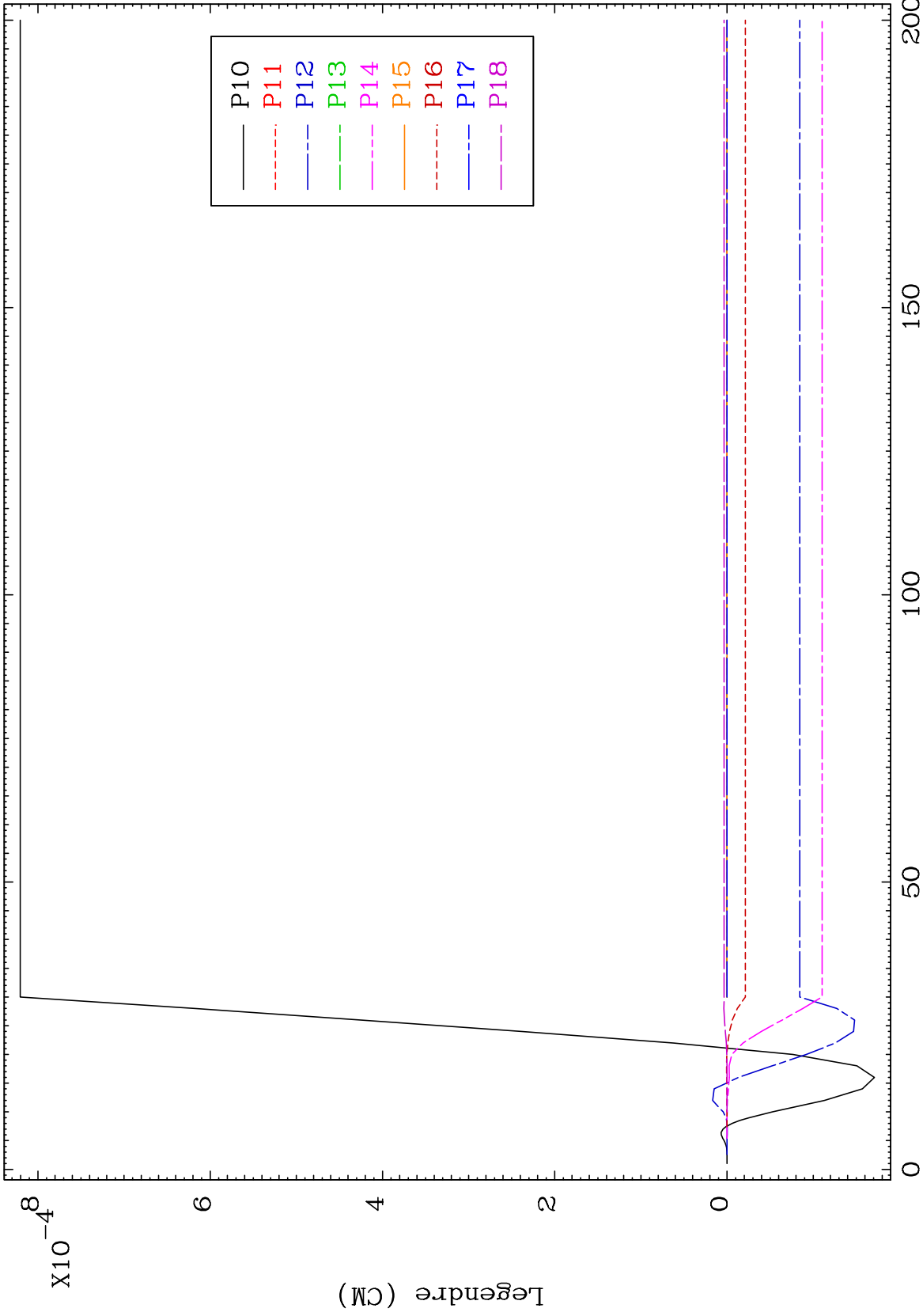


26 Incident Energy (MeV) 69-Tm-150

MAT 6868

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

69-Tm-150

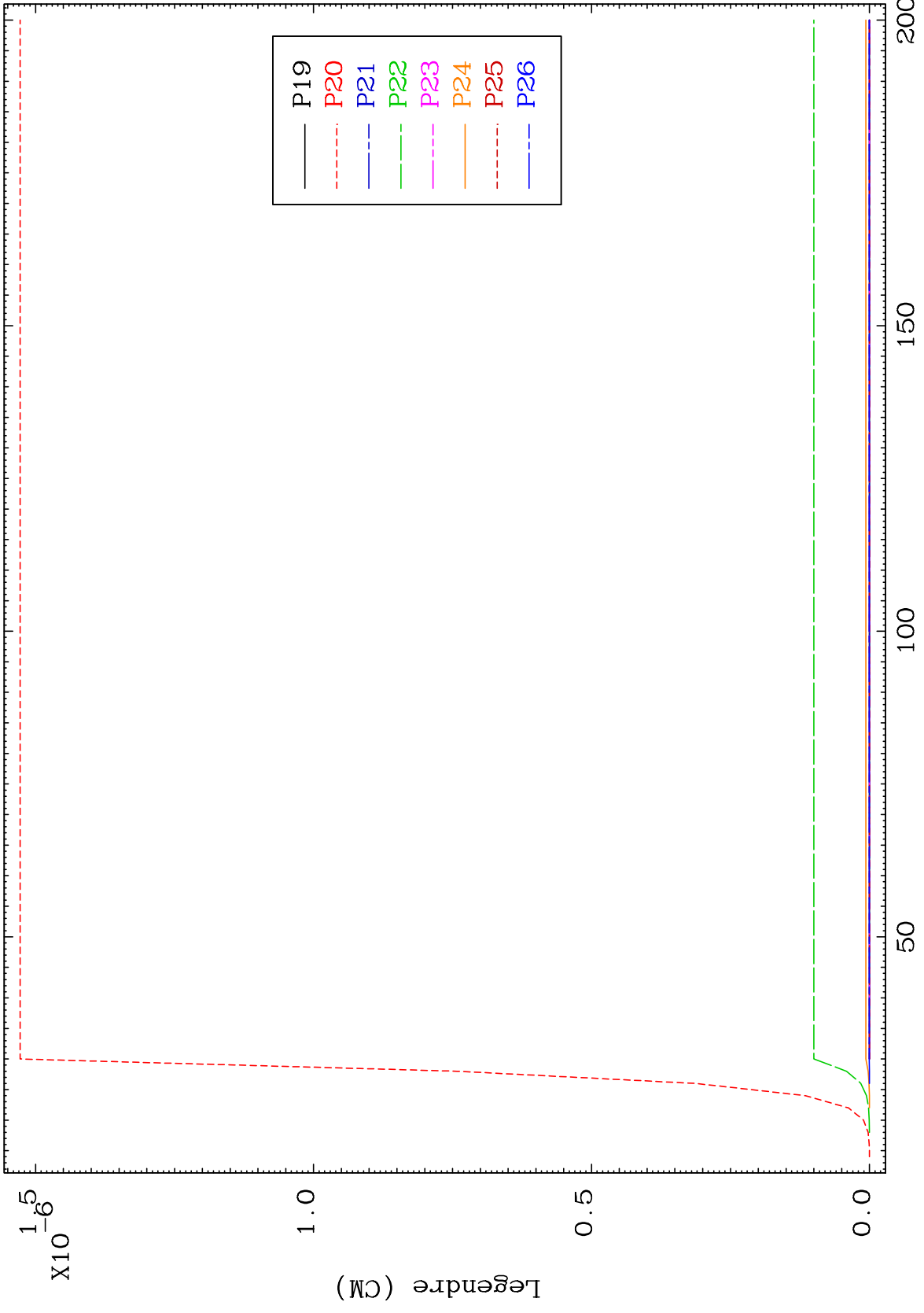


27

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 53 (n,n') Level Legendre Coefficients 69-Tm-150

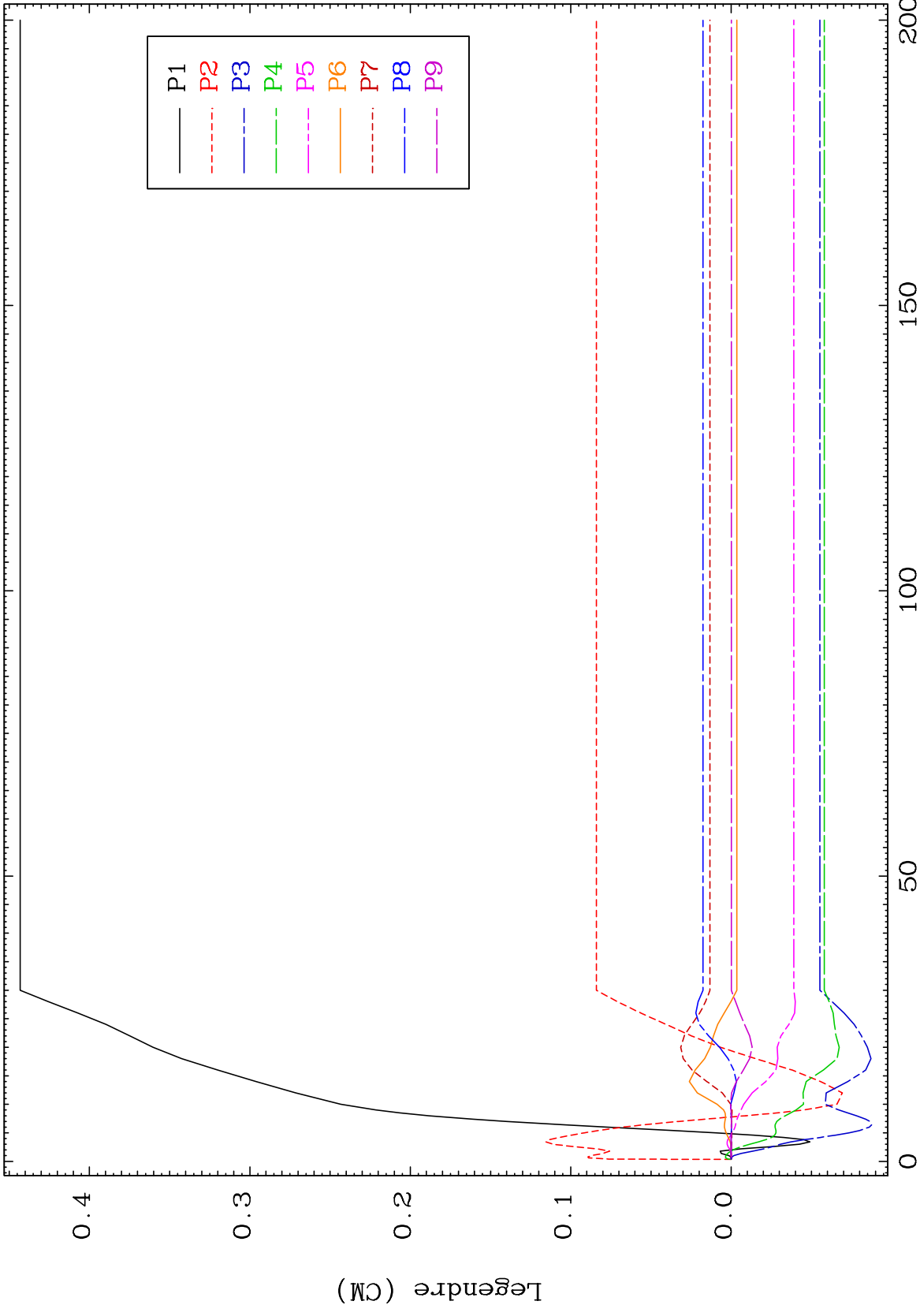


28 Incident Energy (MeV) 69-Tm-150

MAT 6868

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

69-Tm-150



29

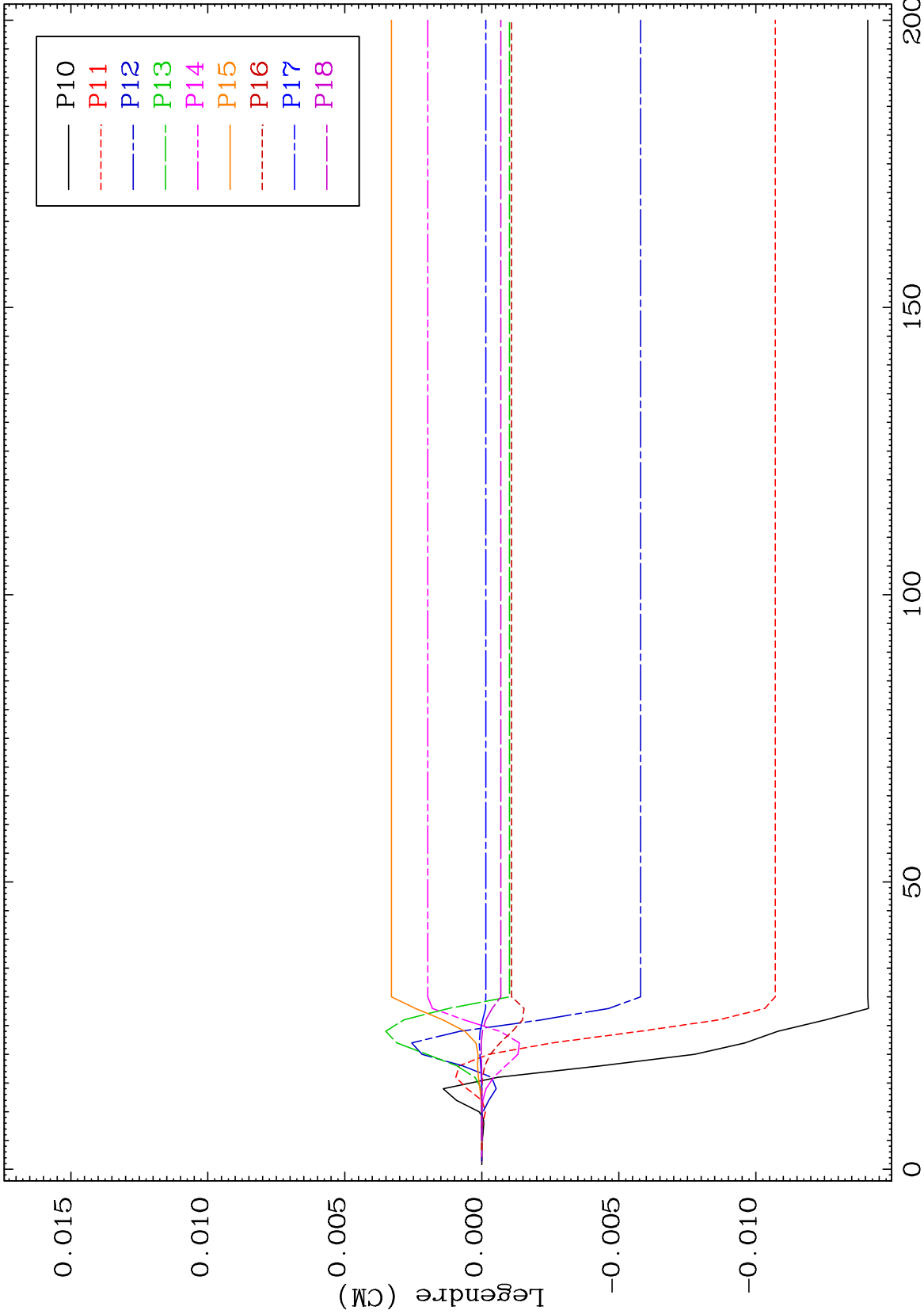
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

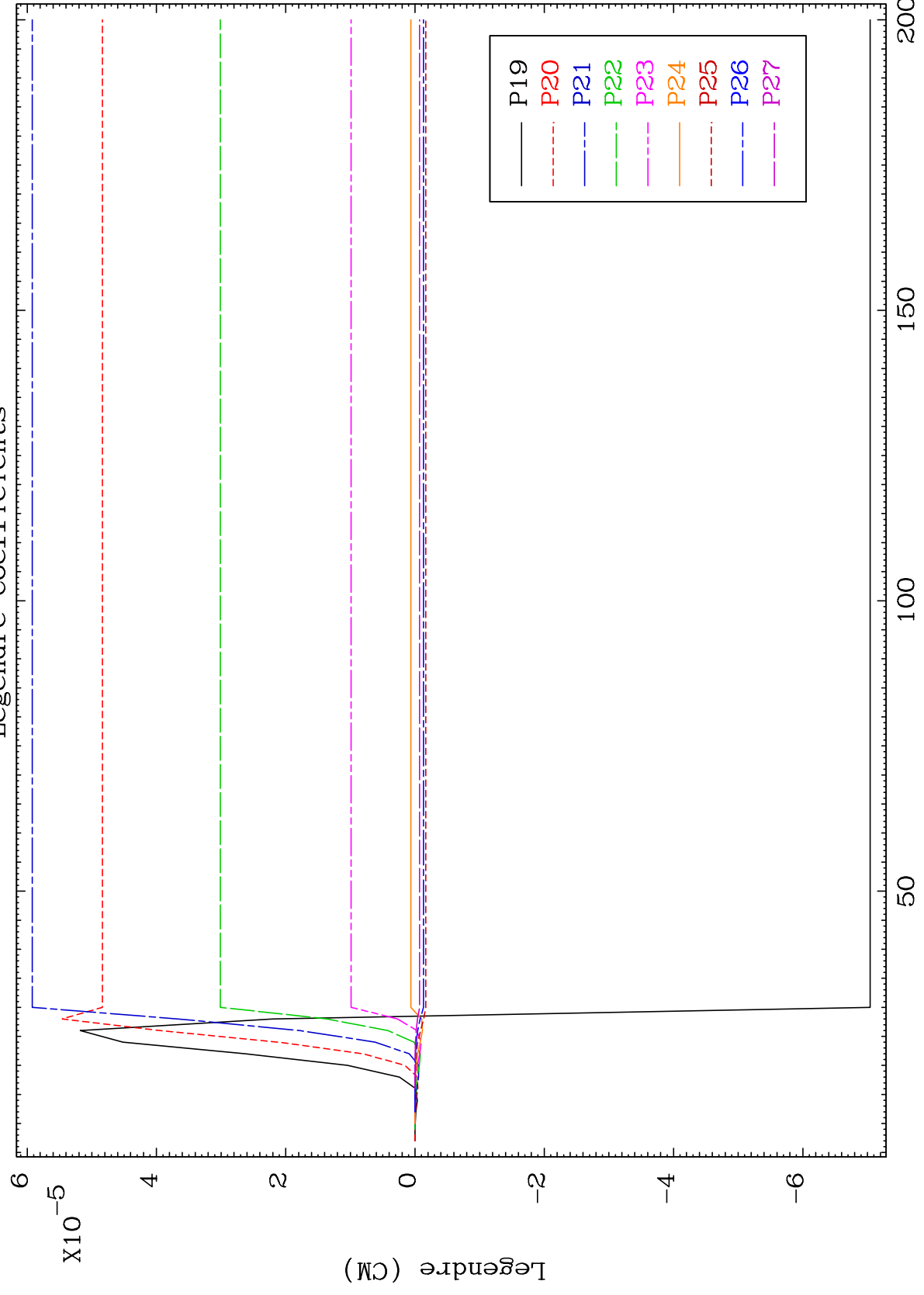


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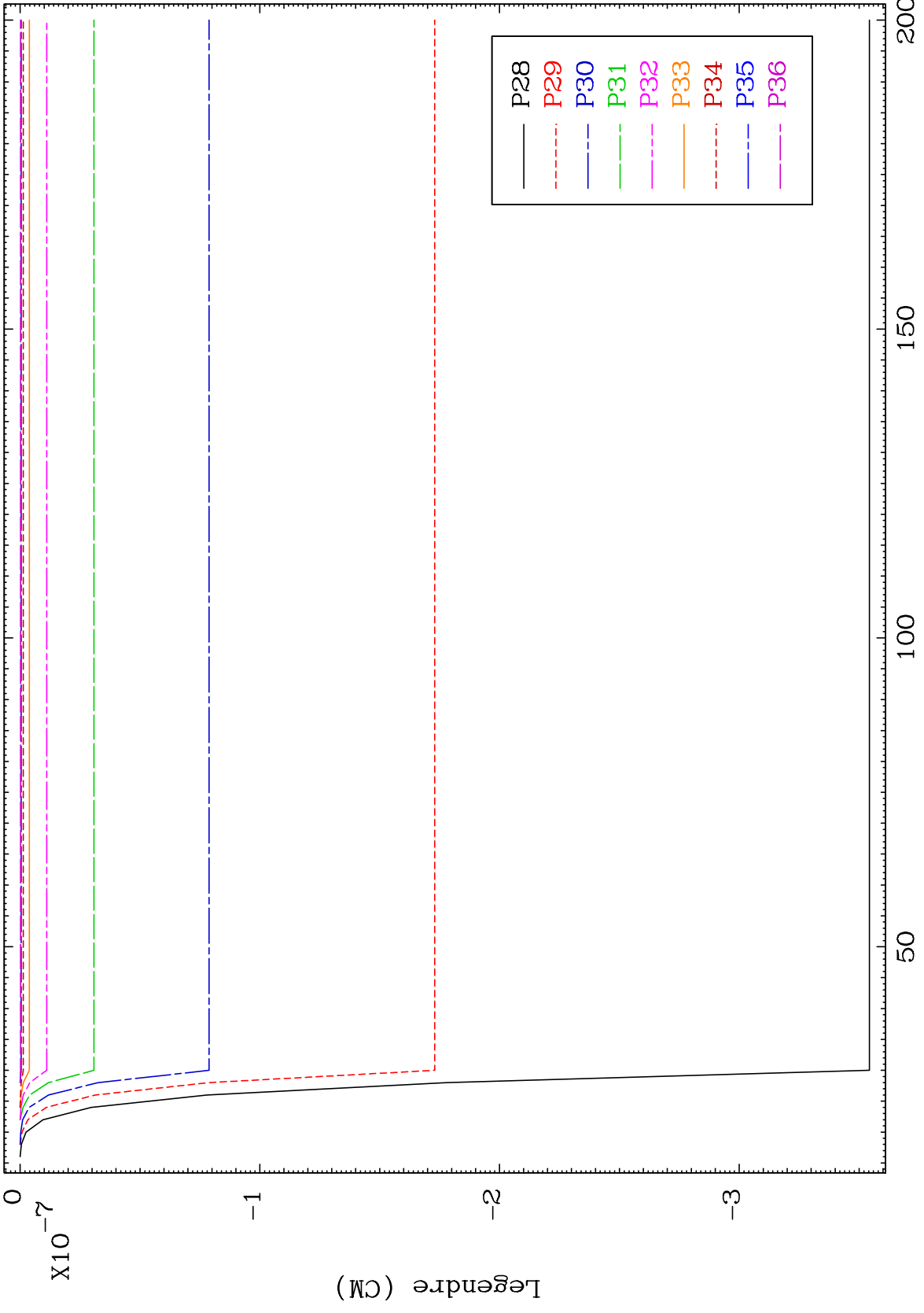
Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 54 (n,n') Level Legendre Coefficients 69-Tm-150



MAT 6868 MT= 54 (n,n') Level Legendre Coefficients 69-Tm-150

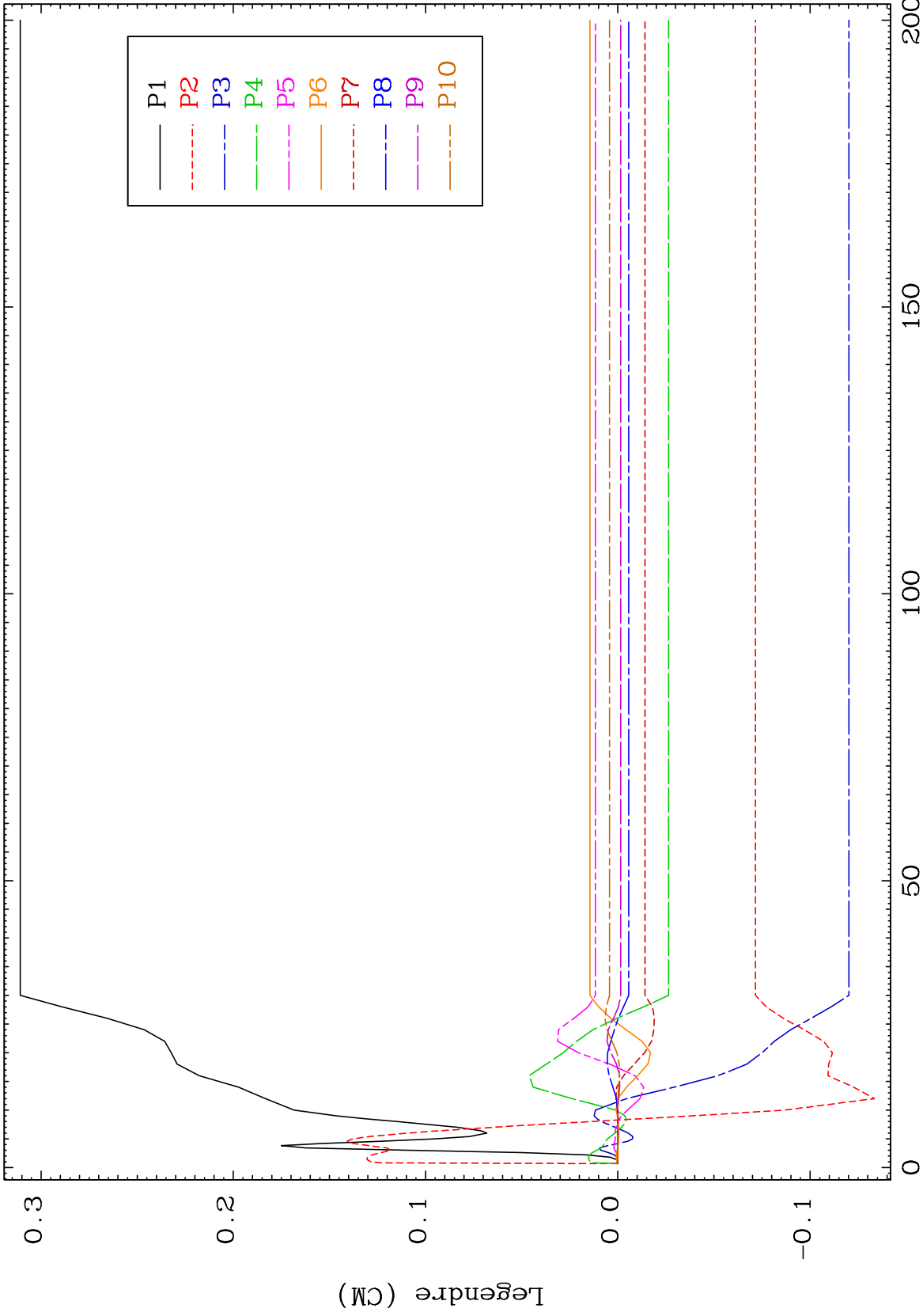


32 69-Tm-150

MAT 6868

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

69-Tm-150



33

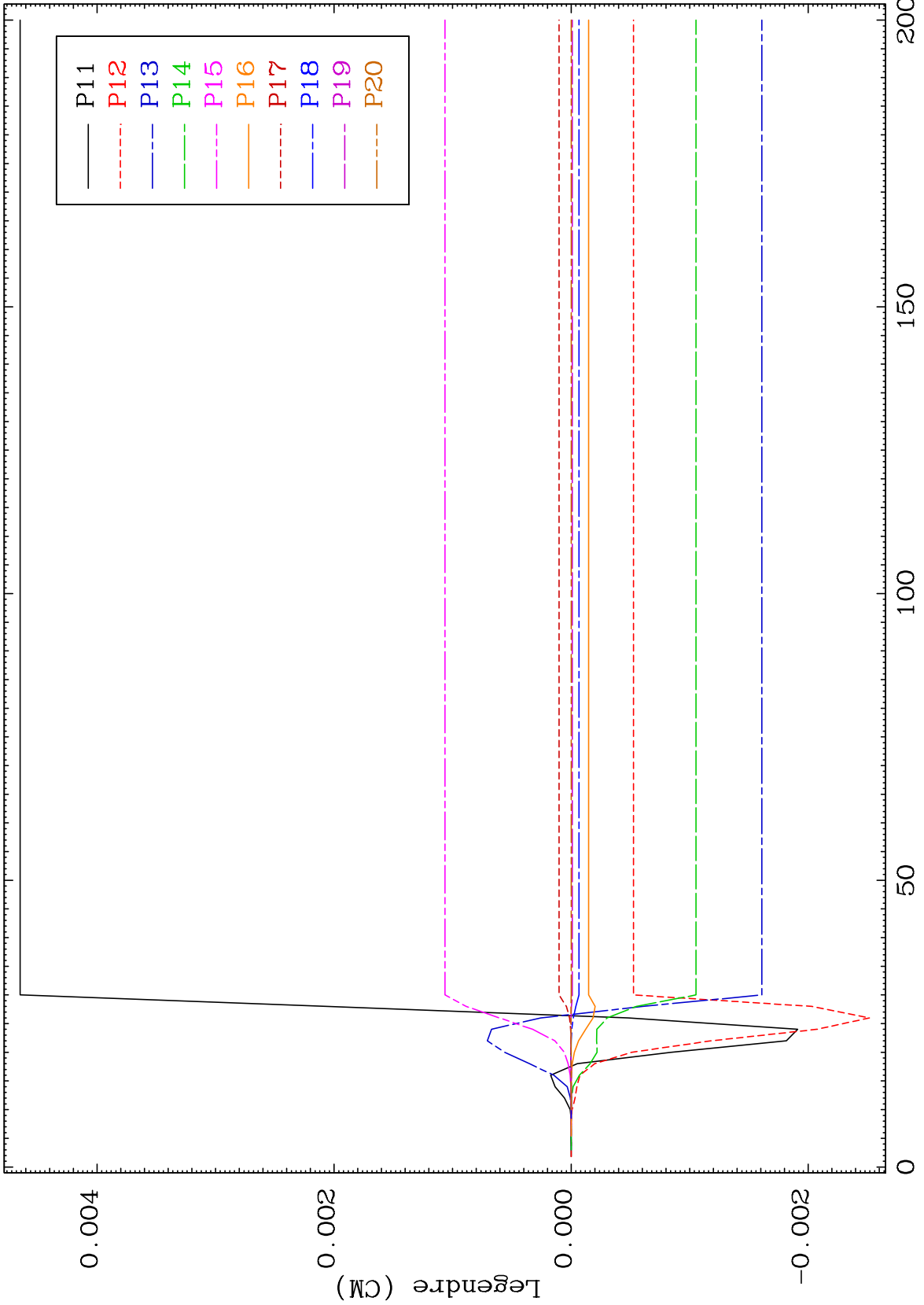
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



34

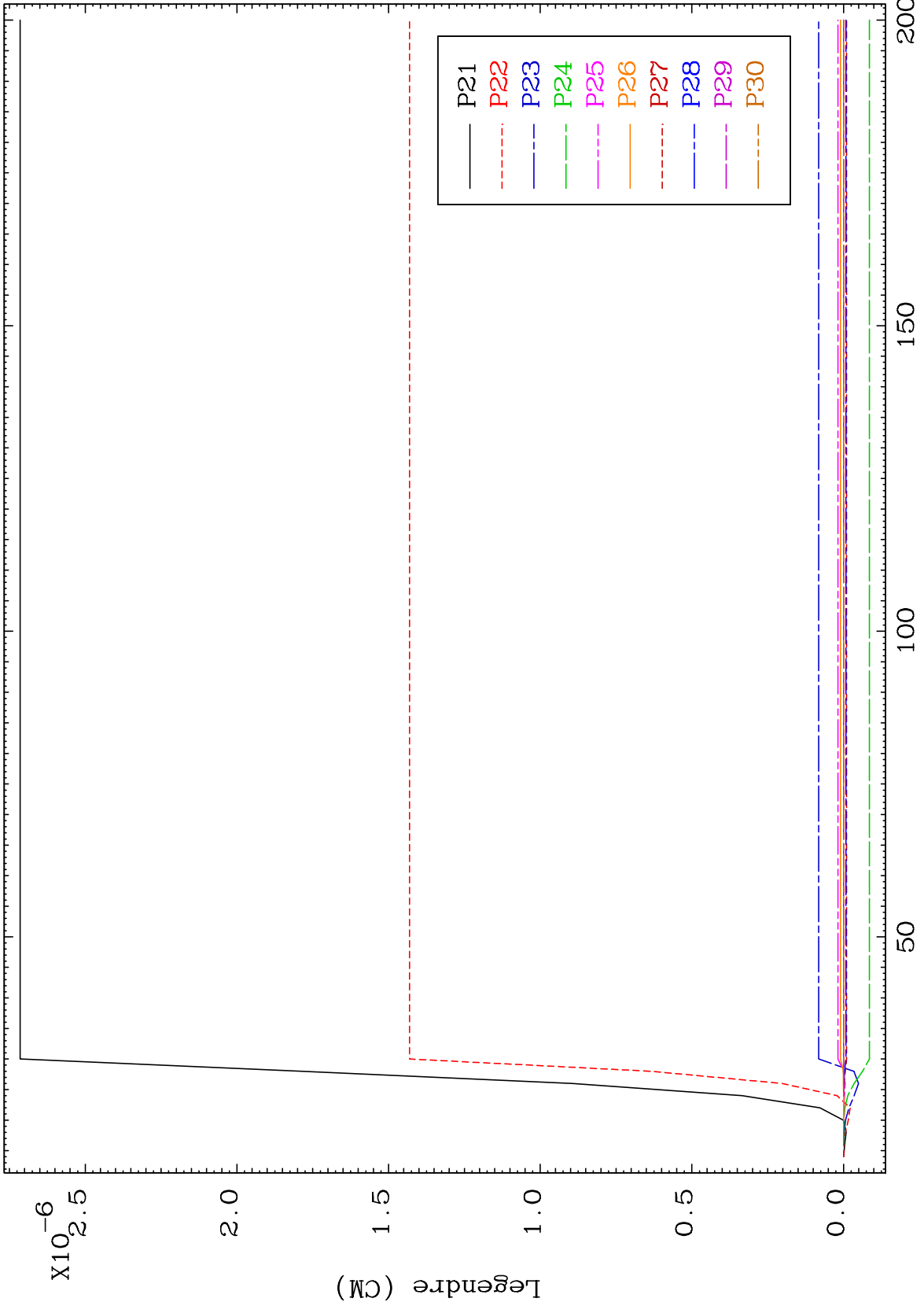
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



35

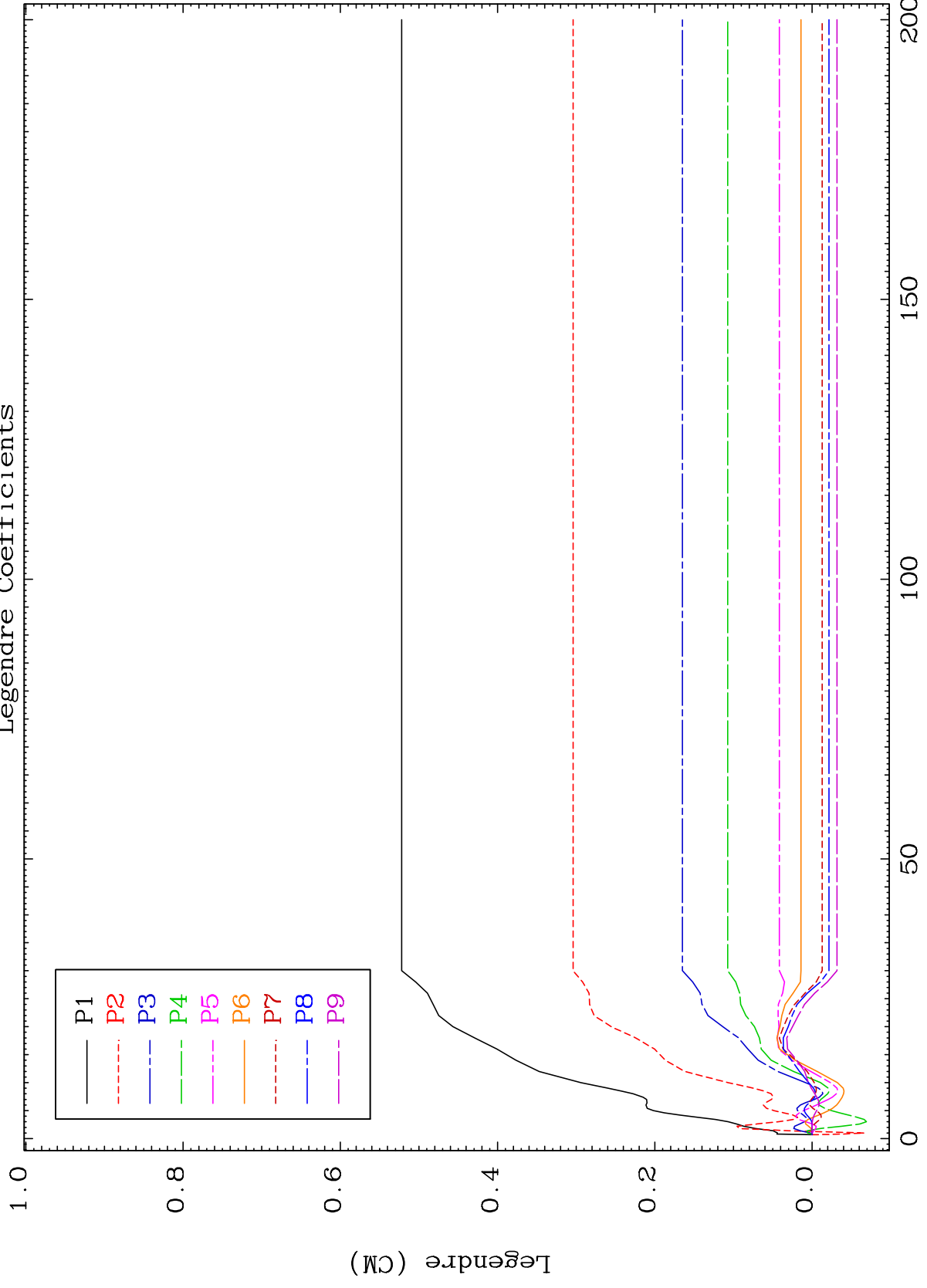
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

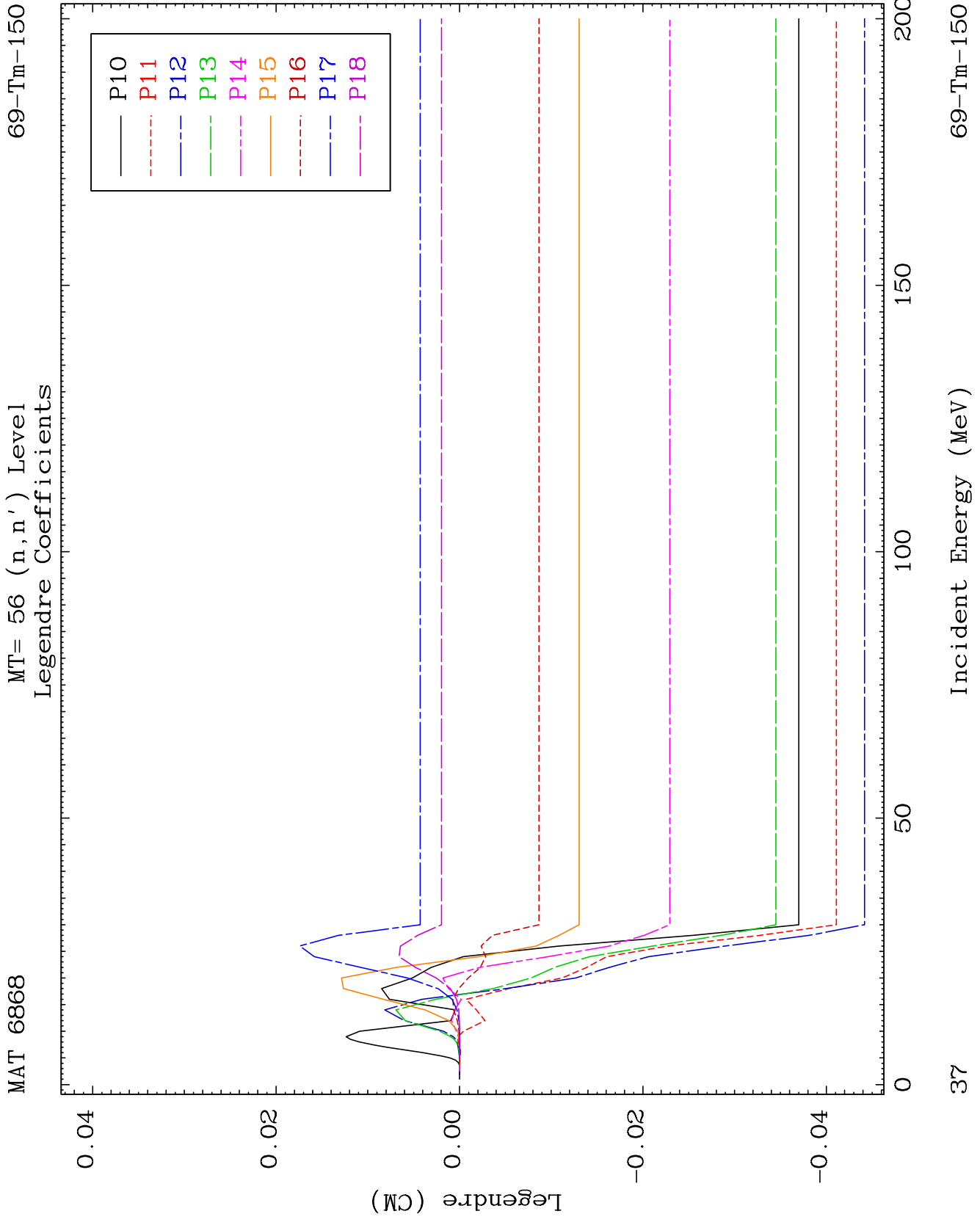
69-Tm-150



69-Tm-150

Incident Energy (MeV)

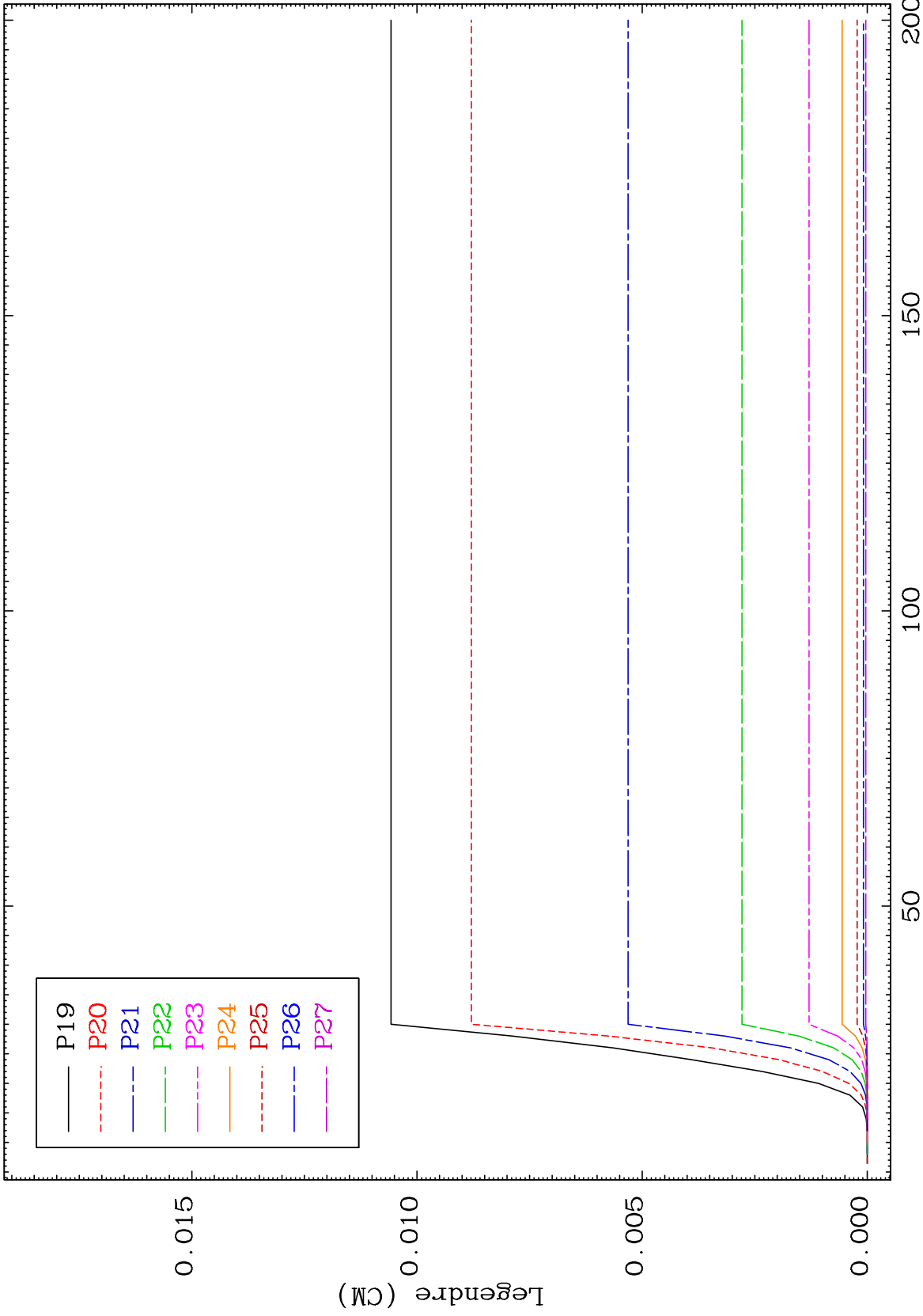
36



MAT 6868

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

69-Tm-150



38

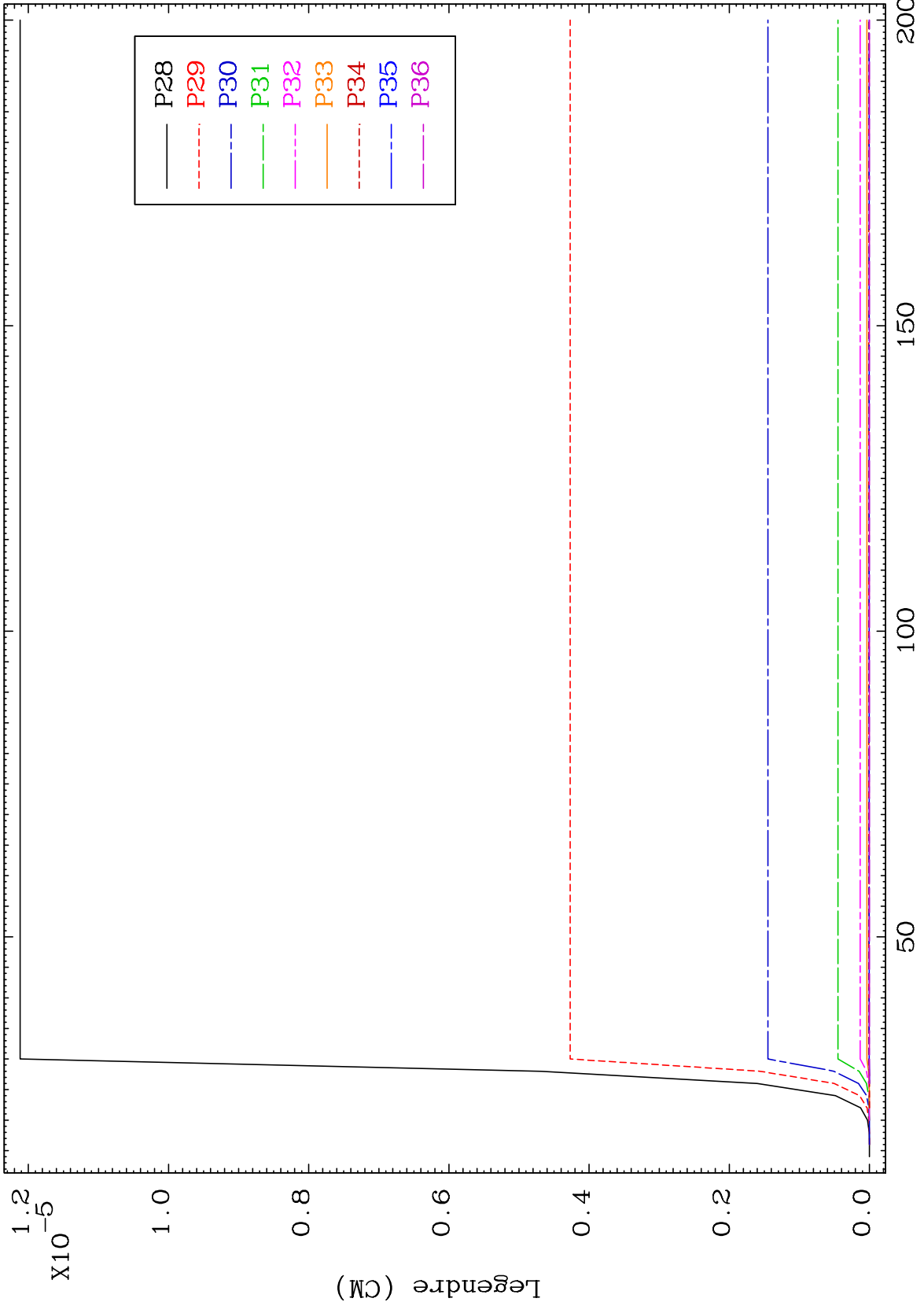
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

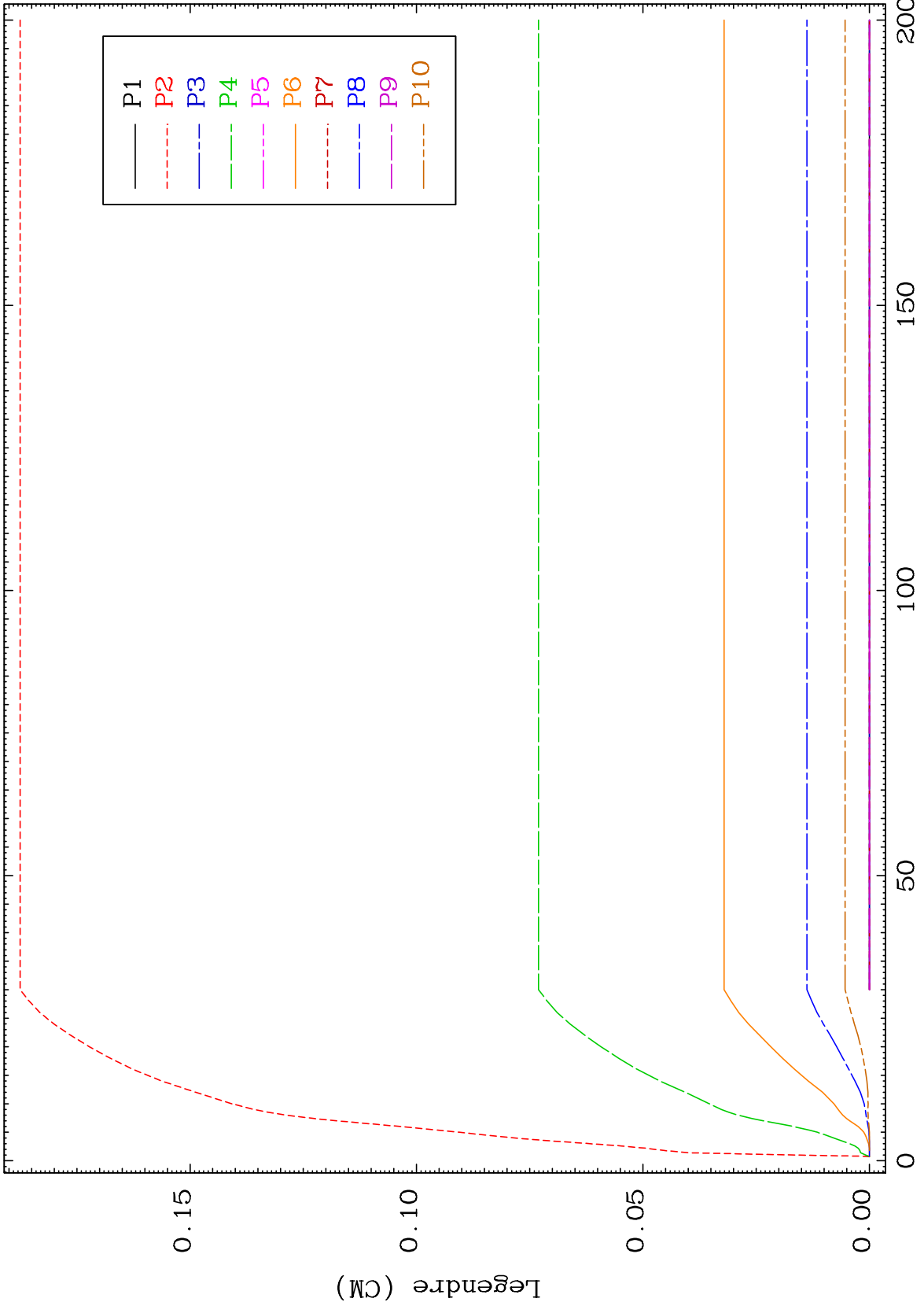


39

Incident Energy (MeV)

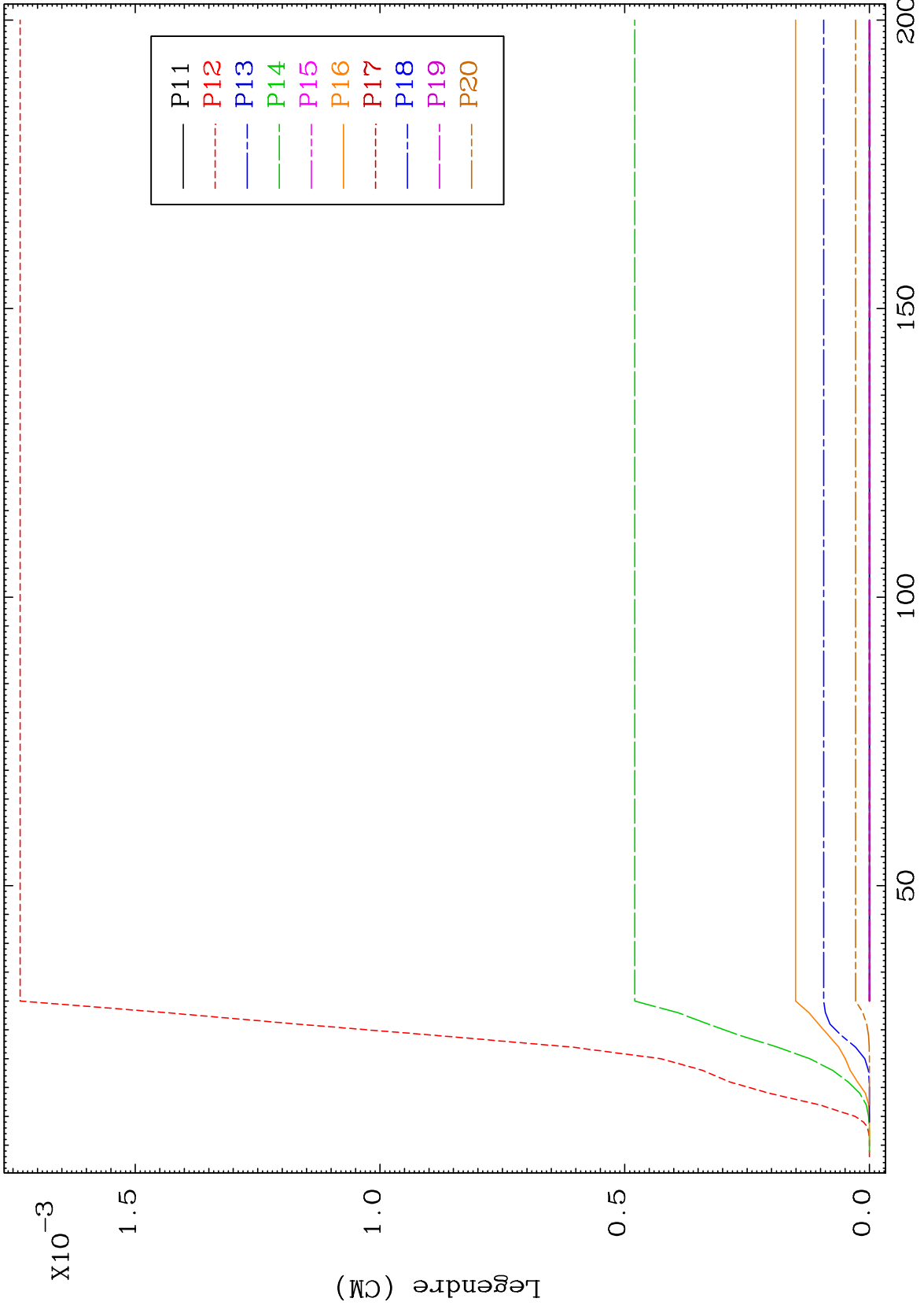
69-Tm-150

MAT 6868 MT= 57 (n,n') Level Legendre Coefficients 69-Tm-150

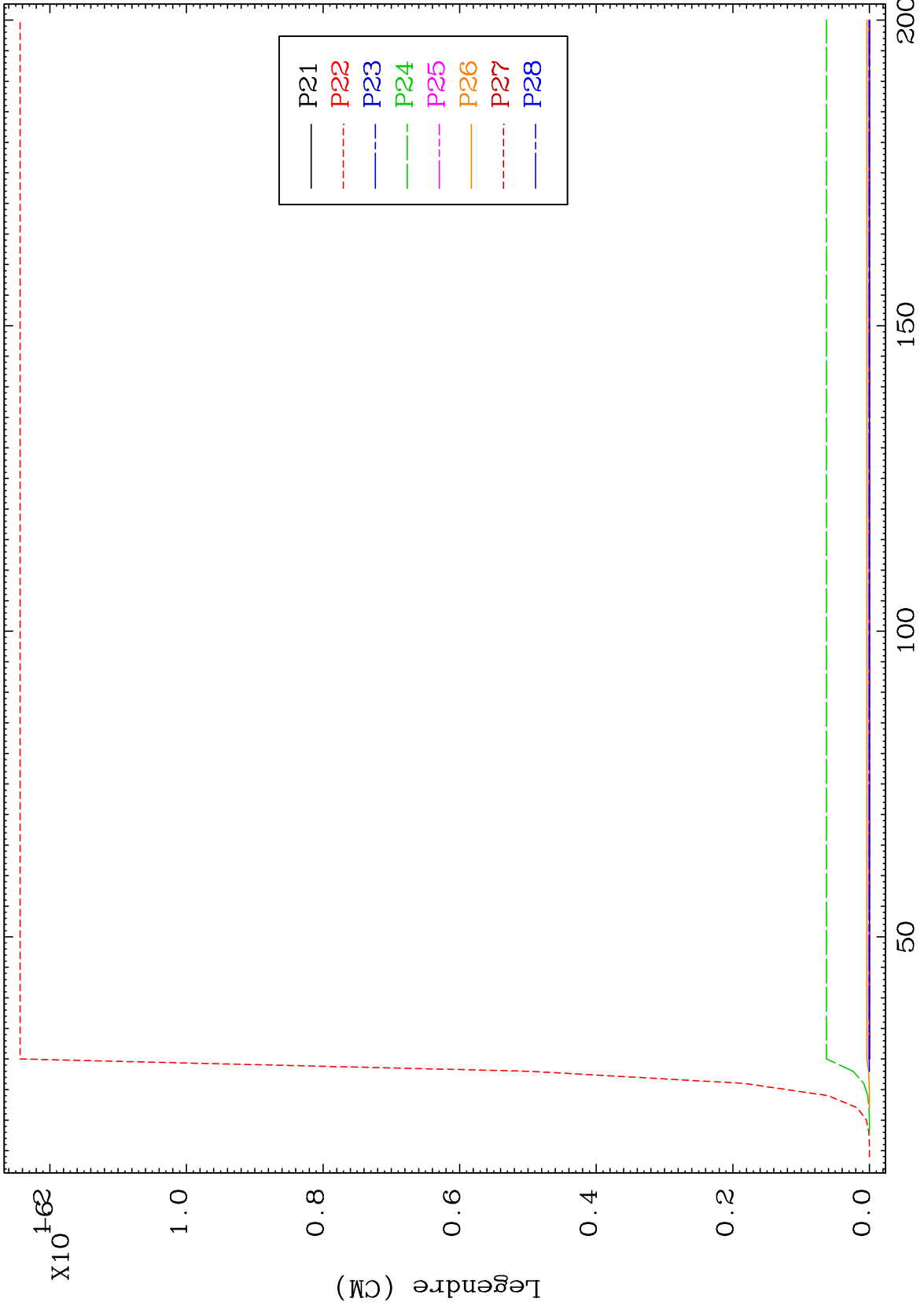


Legendre (CM) Incident Energy (MeV) 69-Tm-150

MAT 6868 MT= 57 (n,n') Level Legendre Coefficients 69-Tm-150

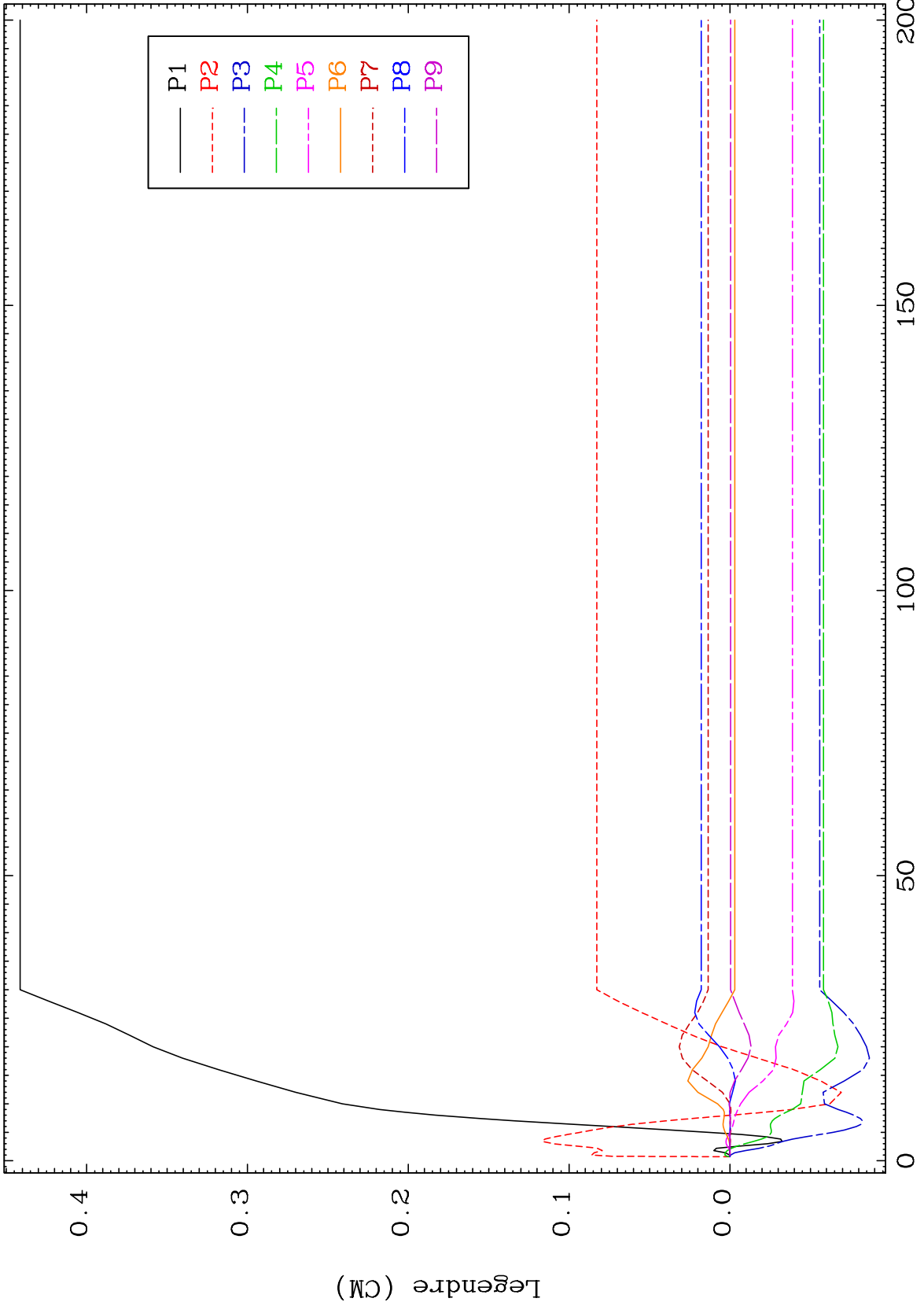


MAT 6868 MT= 57 (n,n') Level Legendre Coefficients 69-Tm-150



42 Incident Energy (MeV) 69-Tm-150

MAT 6868 MT= 58 (n,n') Level Legendre Coefficients 69-Tm-150

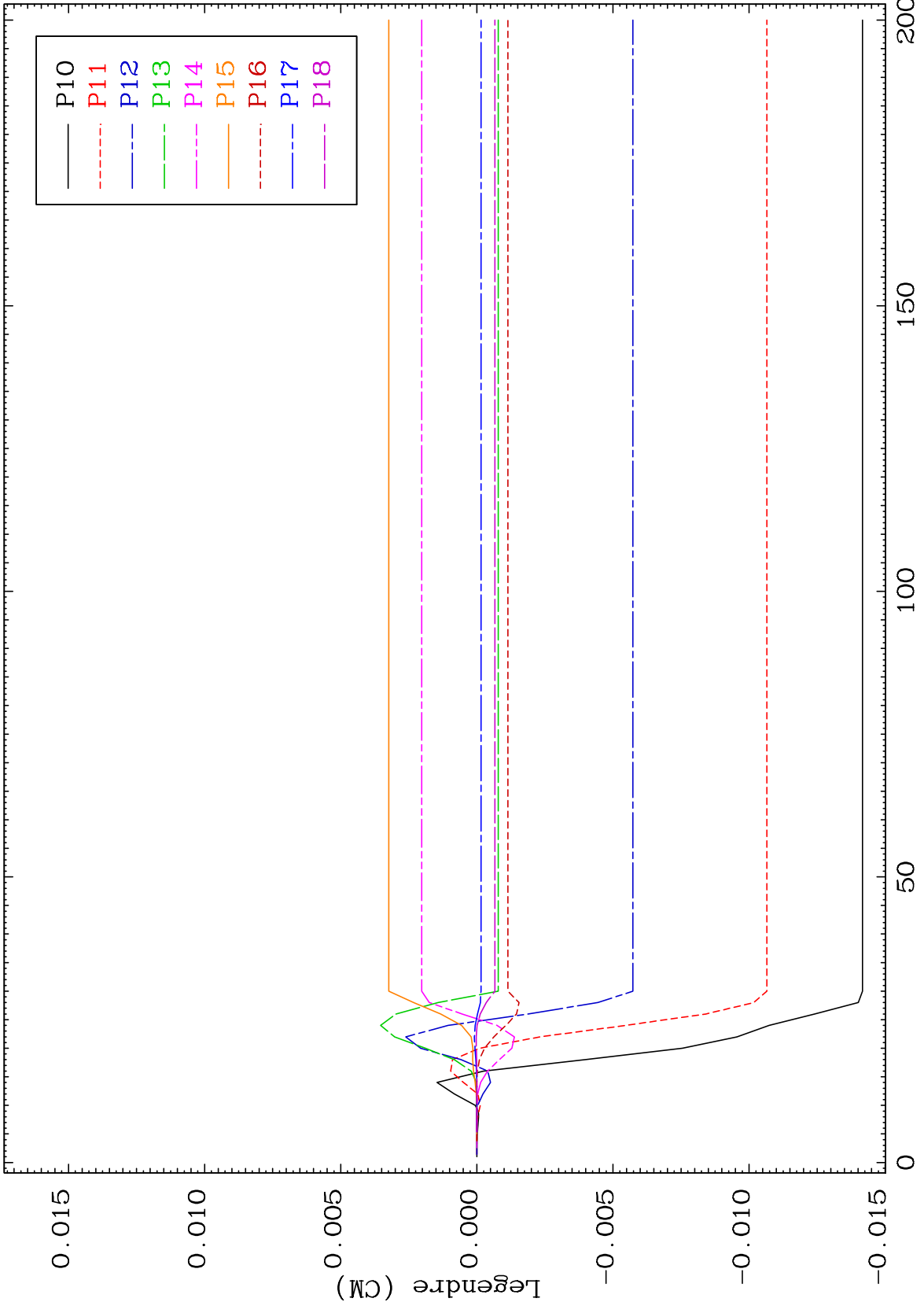


43 69-Tm-150

MAT 6868

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

69-Tm-150

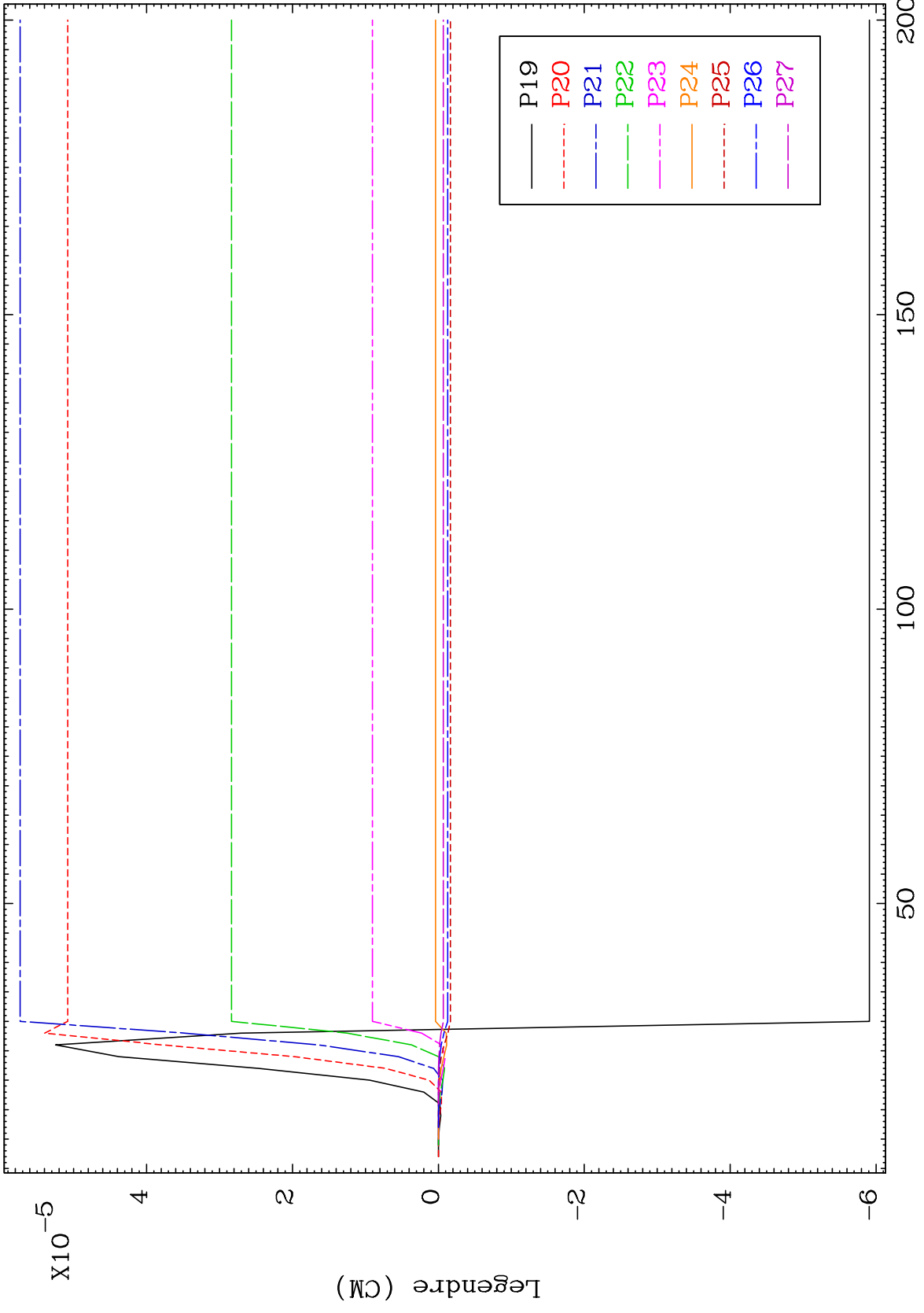


44

Incident Energy (MeV)

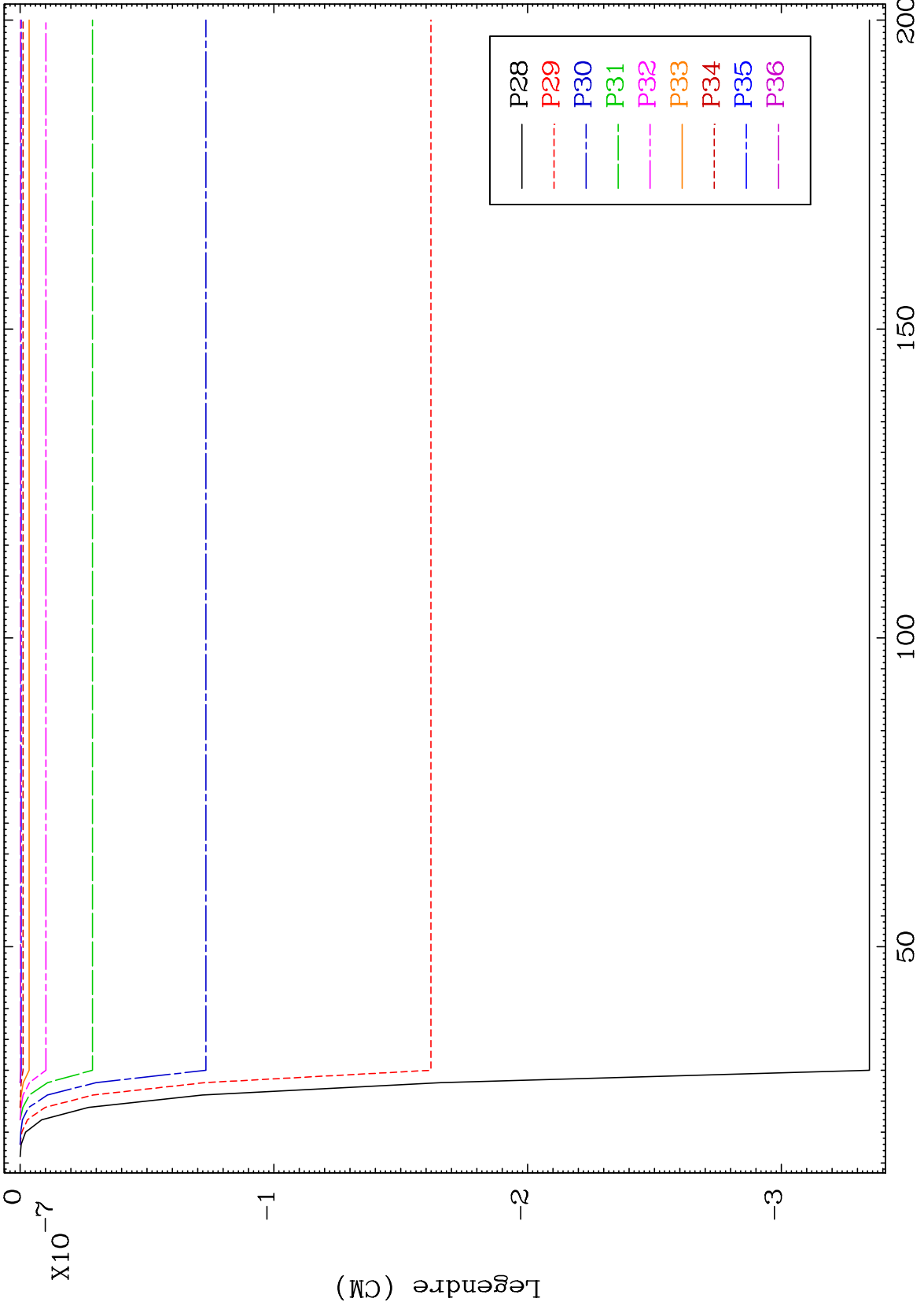
69-Tm-150

MAT 6868 MT= 58 (n,n') Level Legendre Coefficients 69-Tm-150



45 Incident Energy (MeV) 69-Tm-150

MAT 6868 MT= 58 (n,n') Level Legendre Coefficients 69-Tm-150

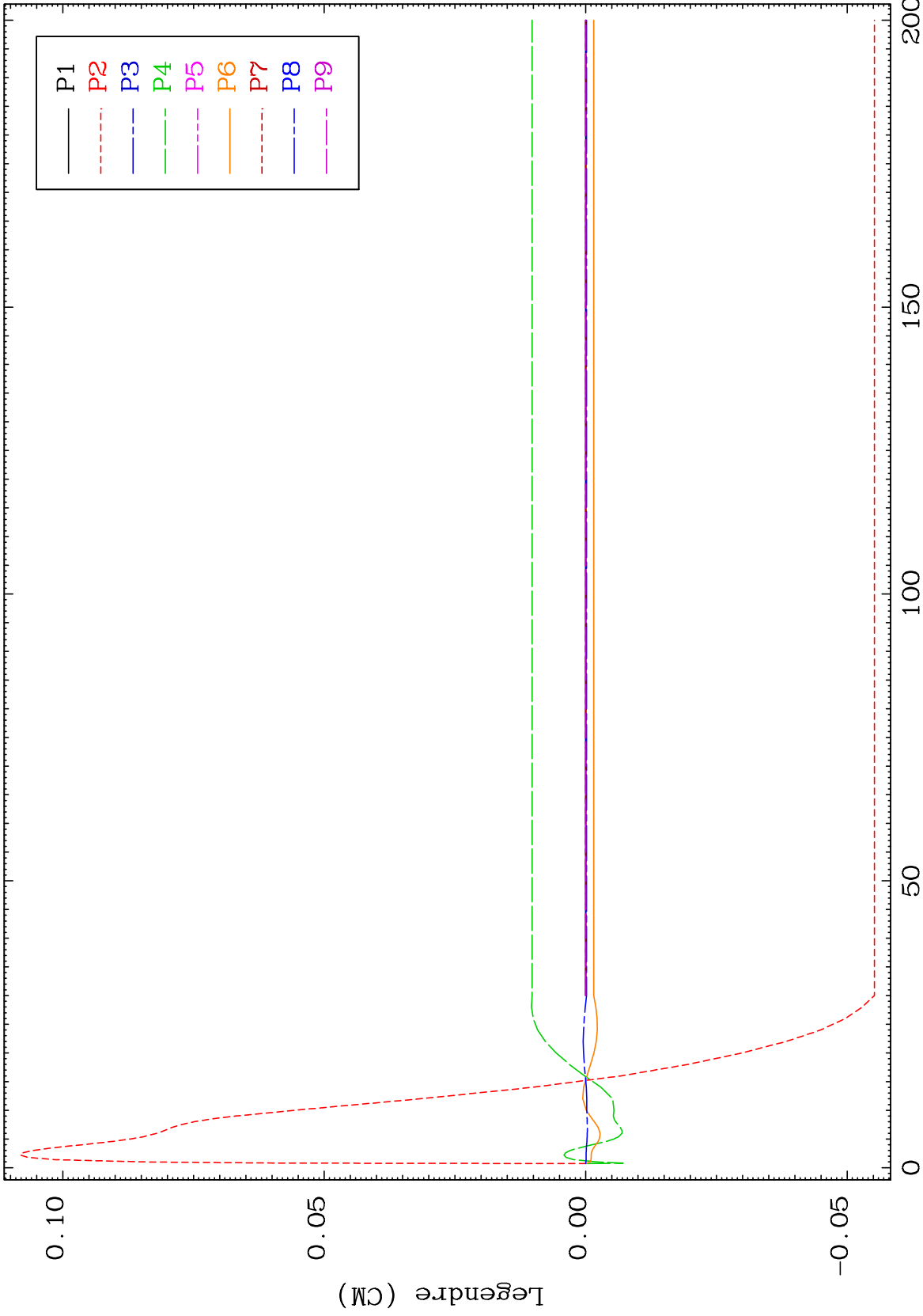


46 69-Tm-150

MAT 6868

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

69-Tm-150



47

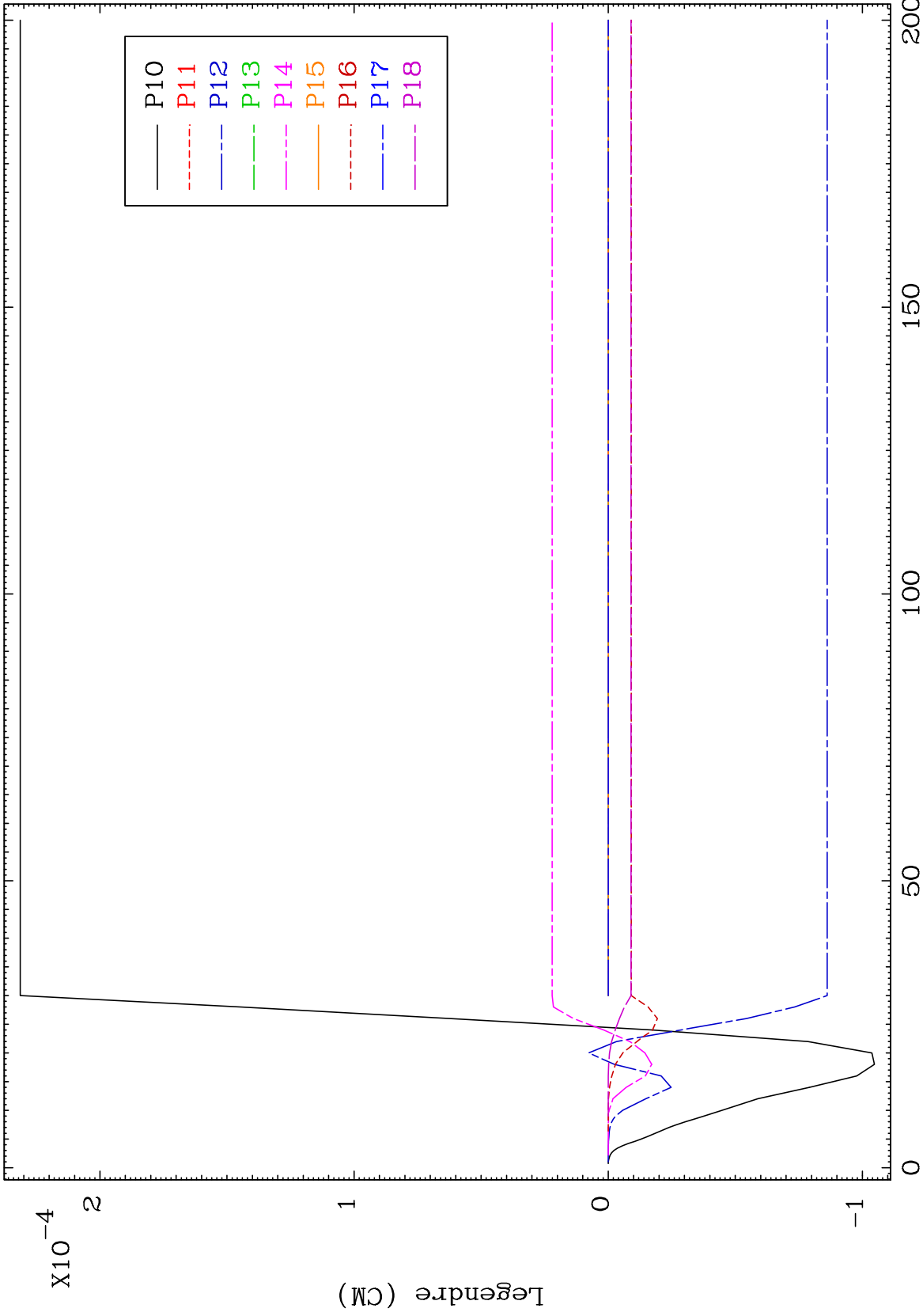
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

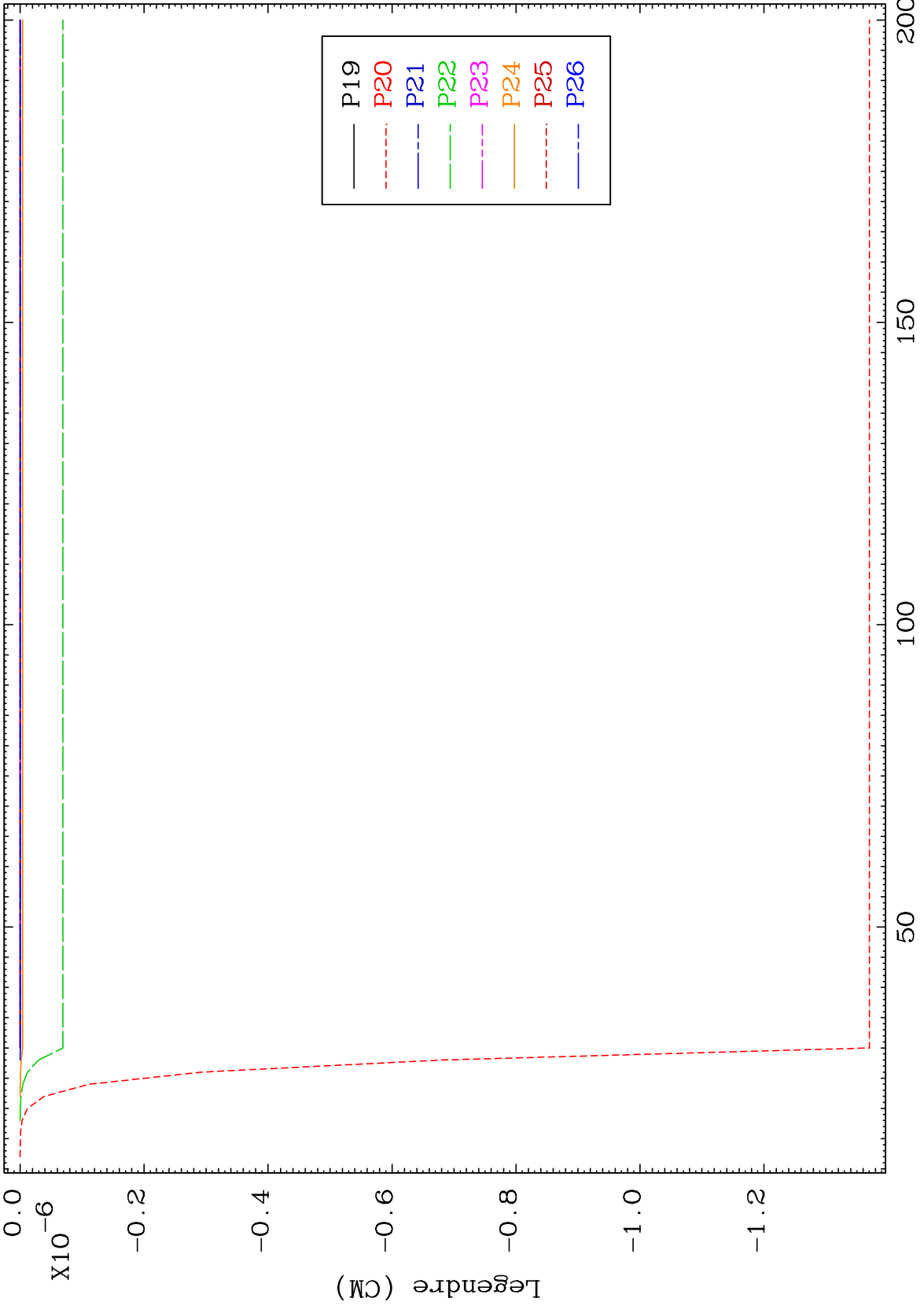


48

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 59 (n,n') Level Legendre Coefficients 69-Tm-150

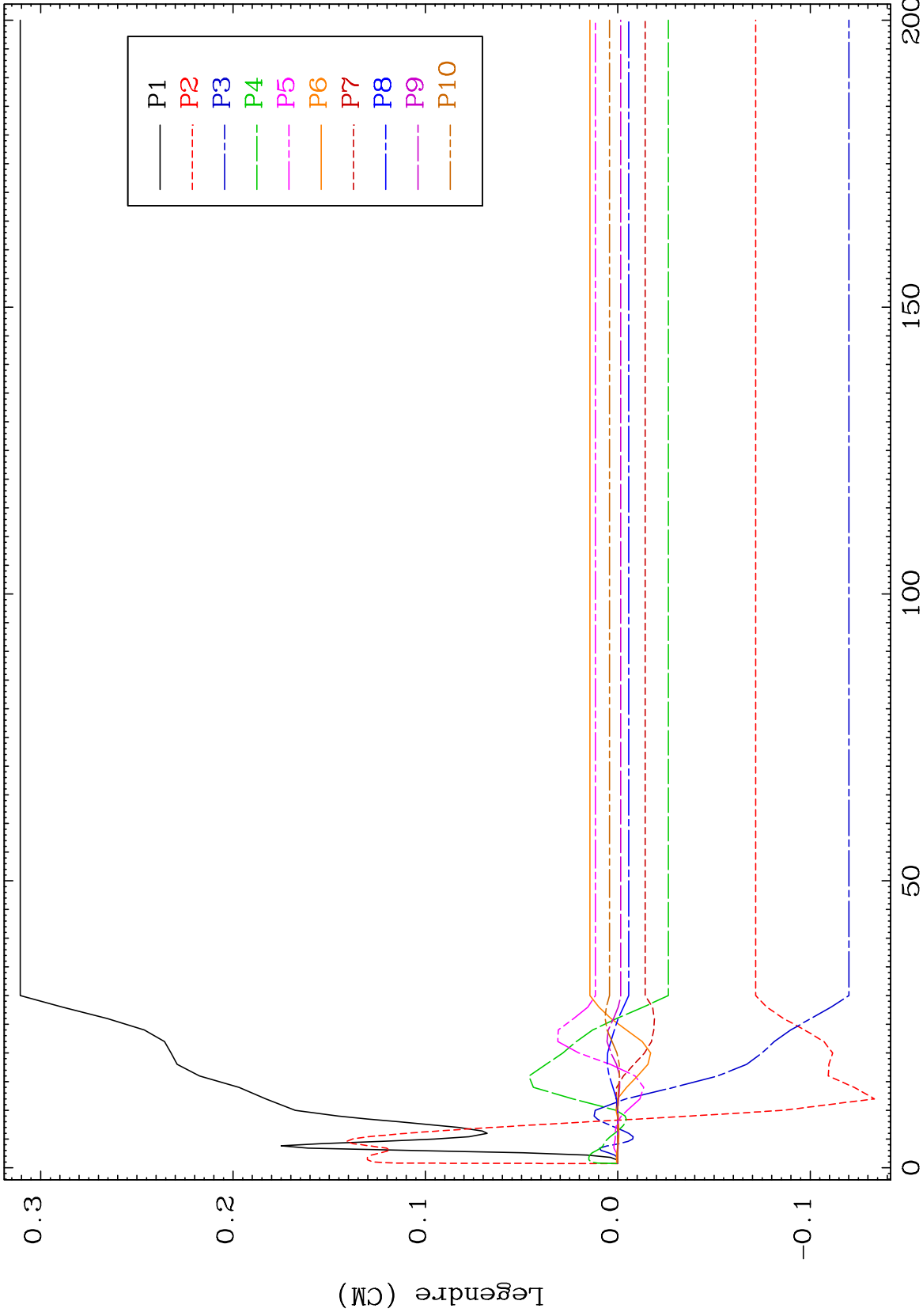


49 69-Tm-150

MAT 6868

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

69-Tm-150



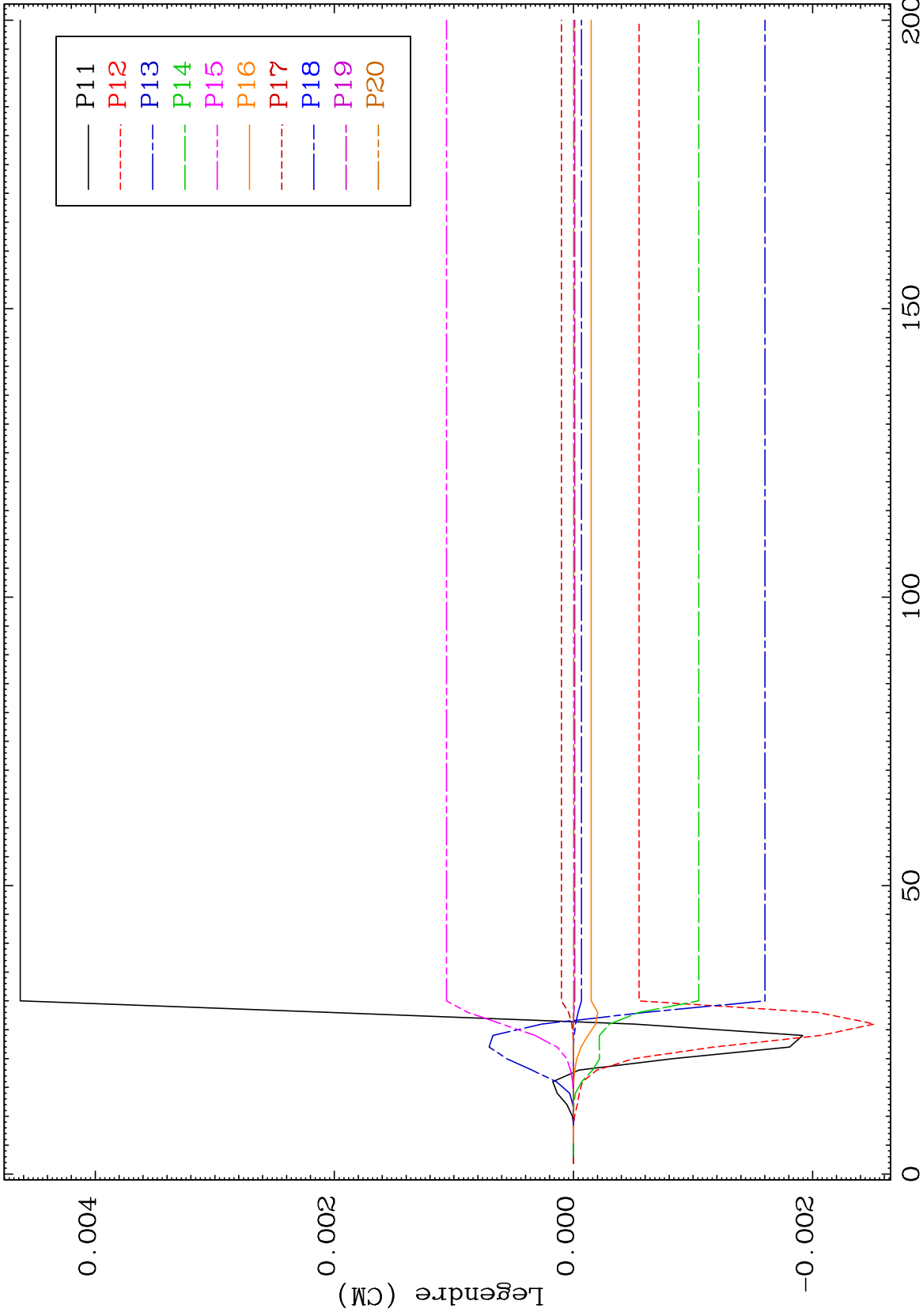
69-Tm-150

Incident Energy (MeV)

MAT 6868

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

69-Tm-150



51

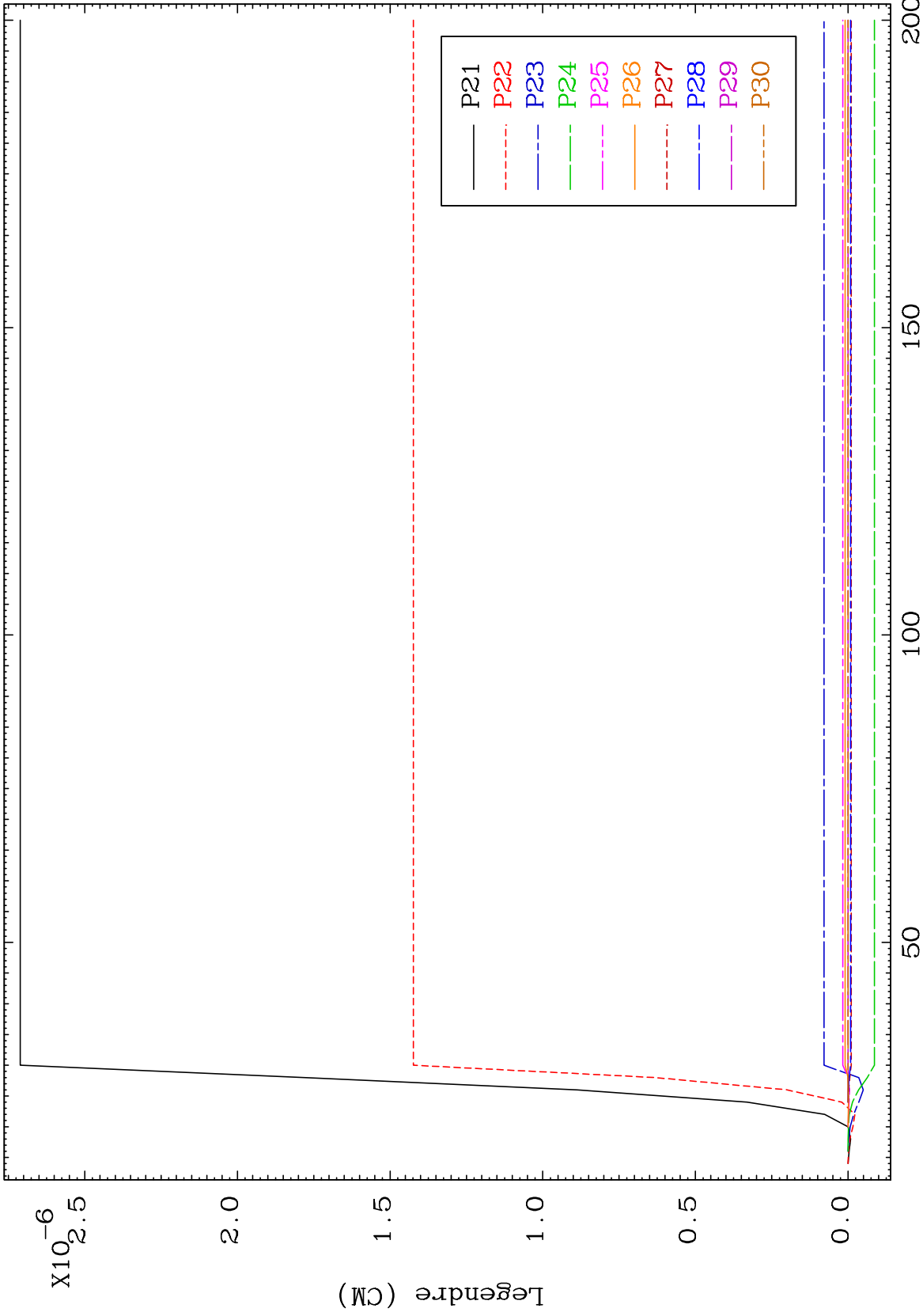
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



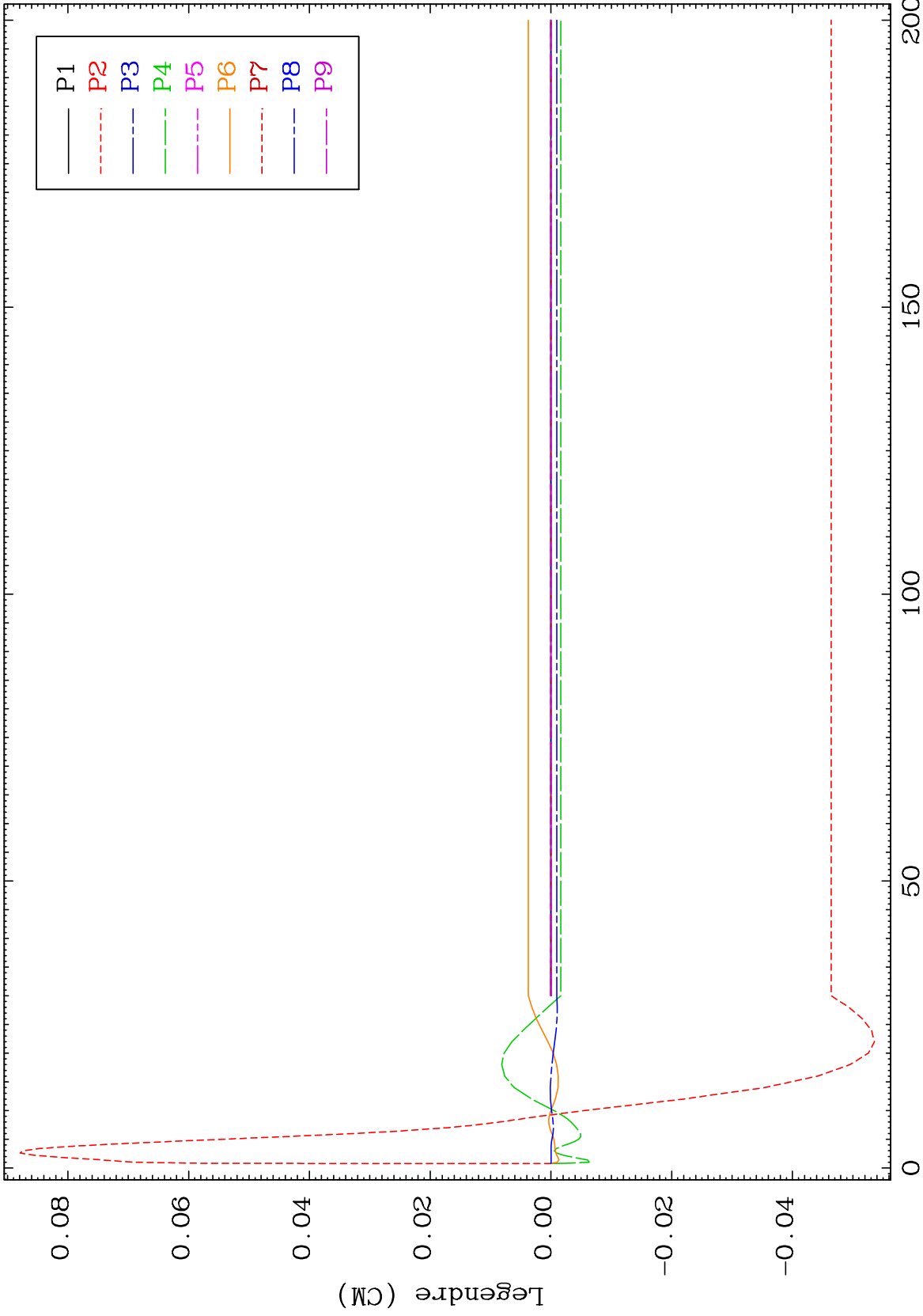
52

69-Tm-150

MAT 6868

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

69-Tm-150



53

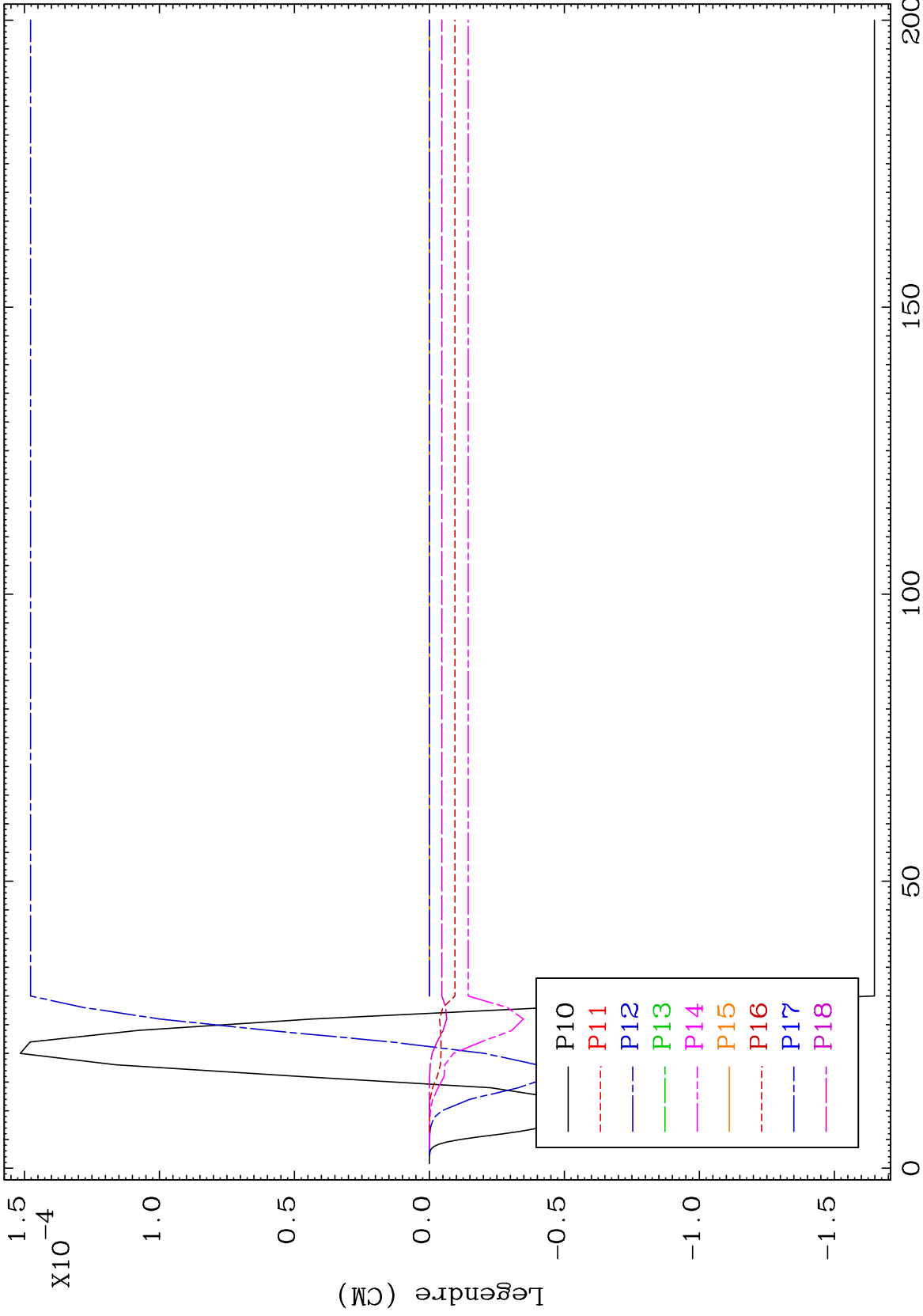
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

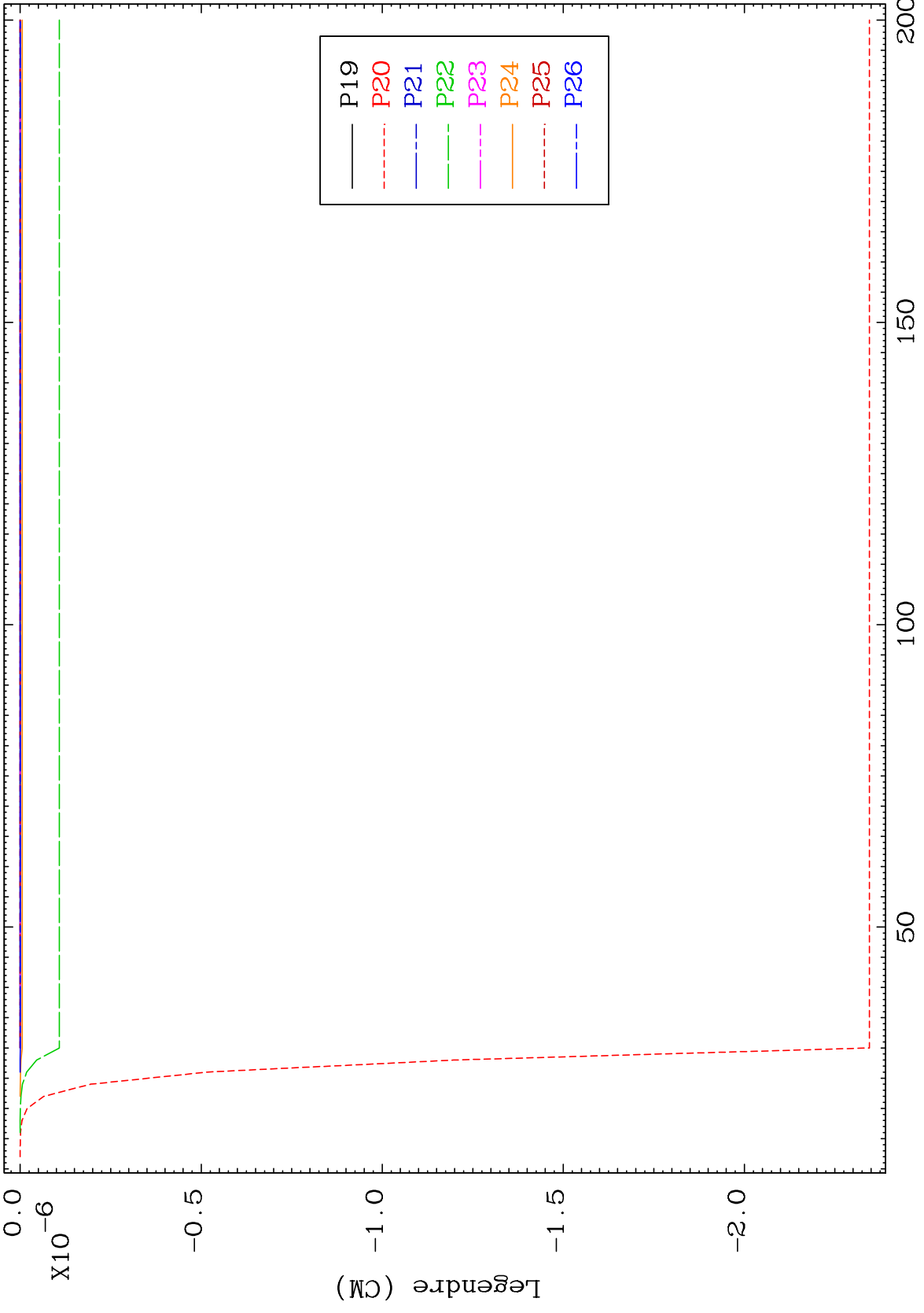


54

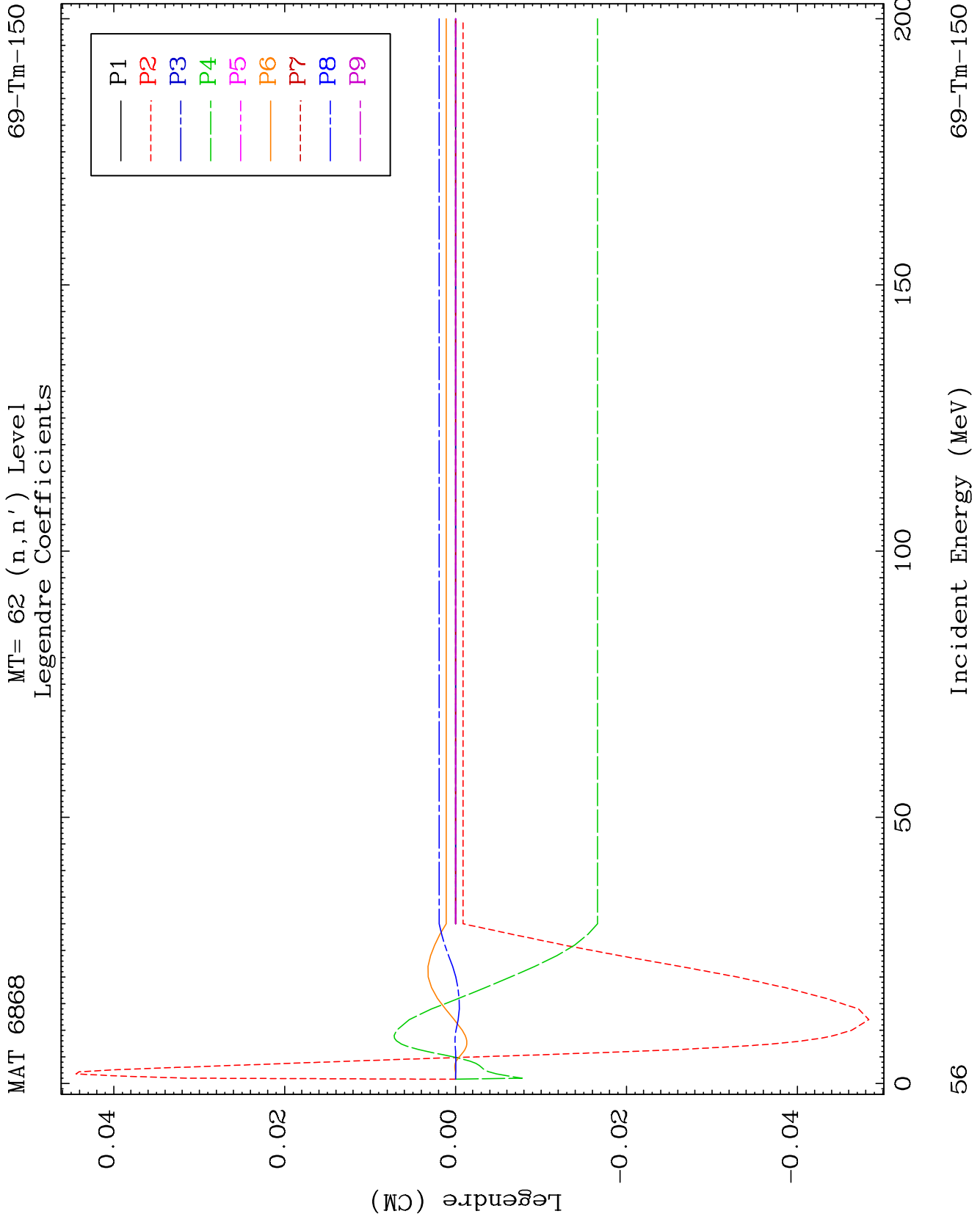
Incident Energy (MeV)

69-Tm-150

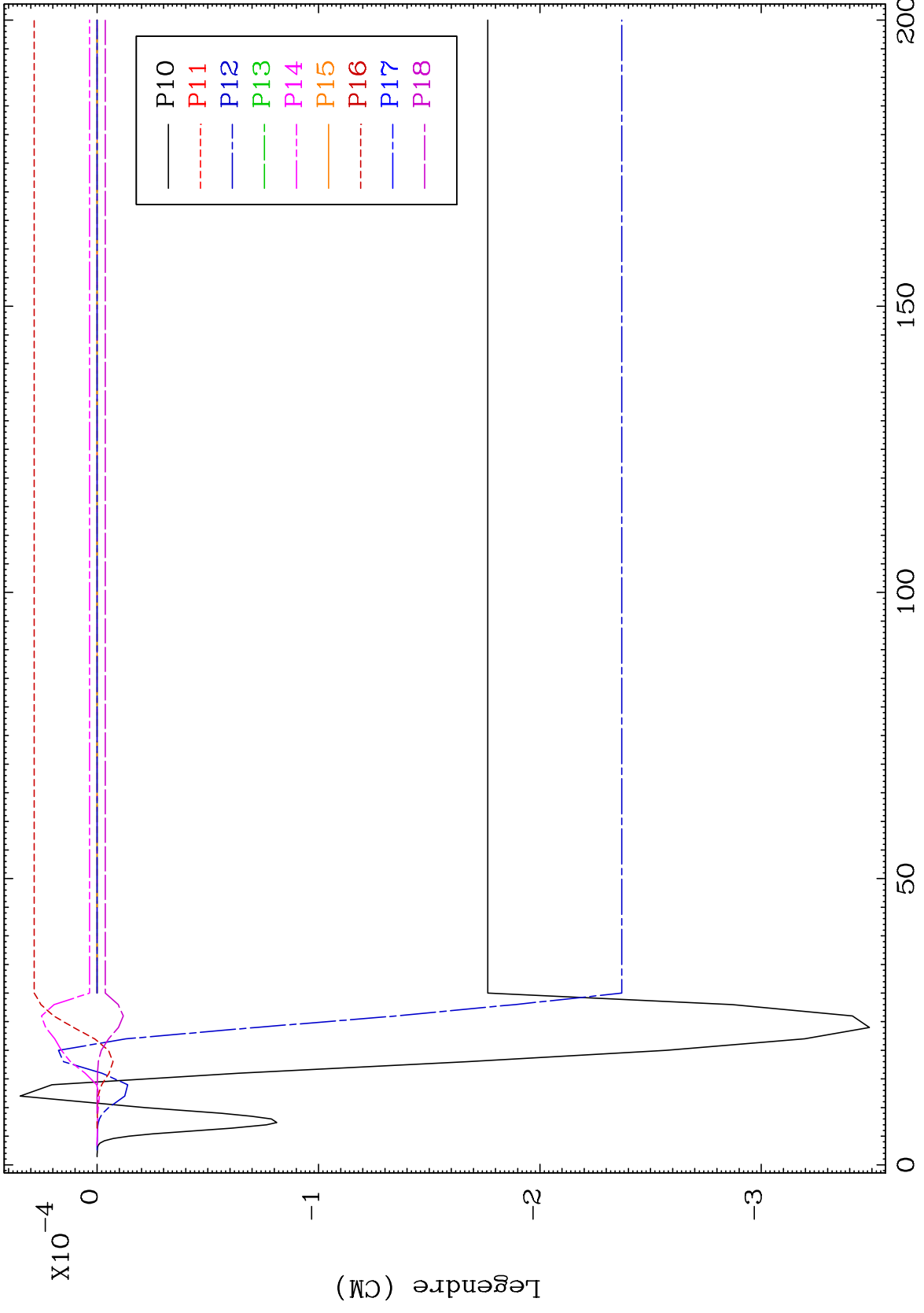
MAT 6868 MT= 61 (n,n') Level Legendre Coefficients 69-Tm-150



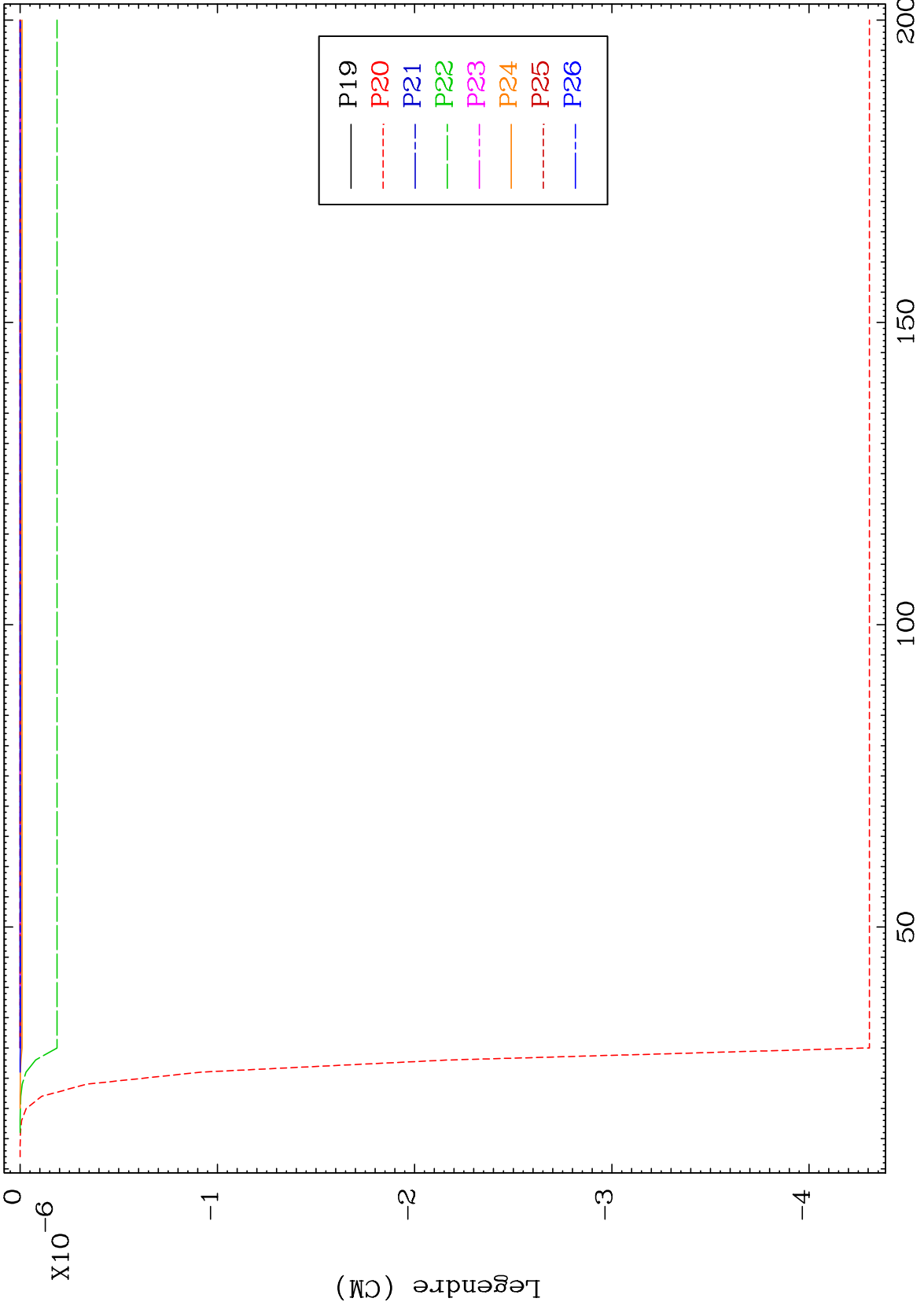
55 Incident Energy (MeV) 69-Tm-150



MAT 6868 MT= 62 (n,n') Level Legendre Coefficients 69-Tm-150

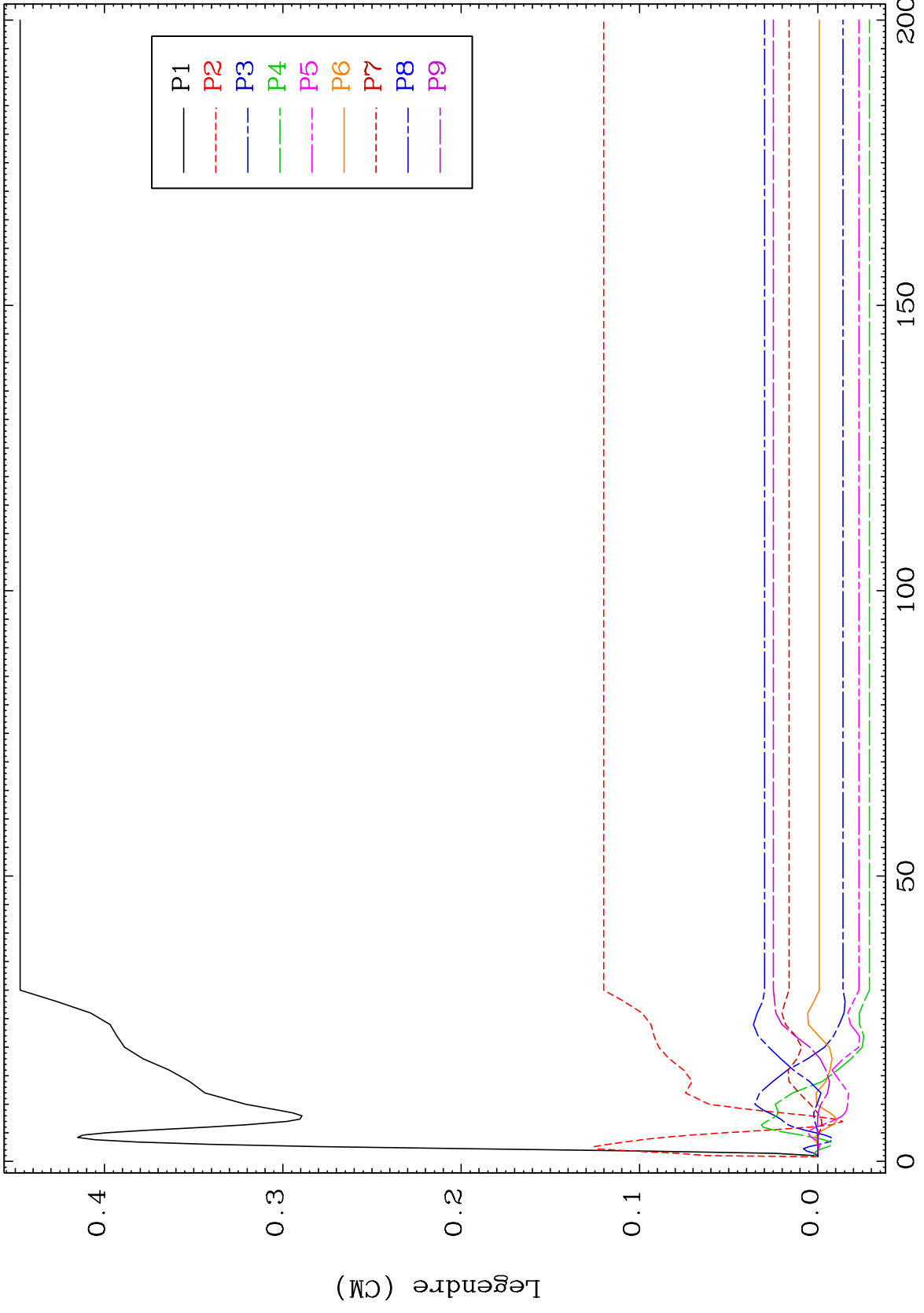


MAT 6868 MT= 62 (n,n') Level Legendre Coefficients 69-Tm-150



58 Incident Energy (MeV) 69-Tm-150

MAT 6868 MT= 63 (n,n') Level Legendre Coefficients 69-Tm-150

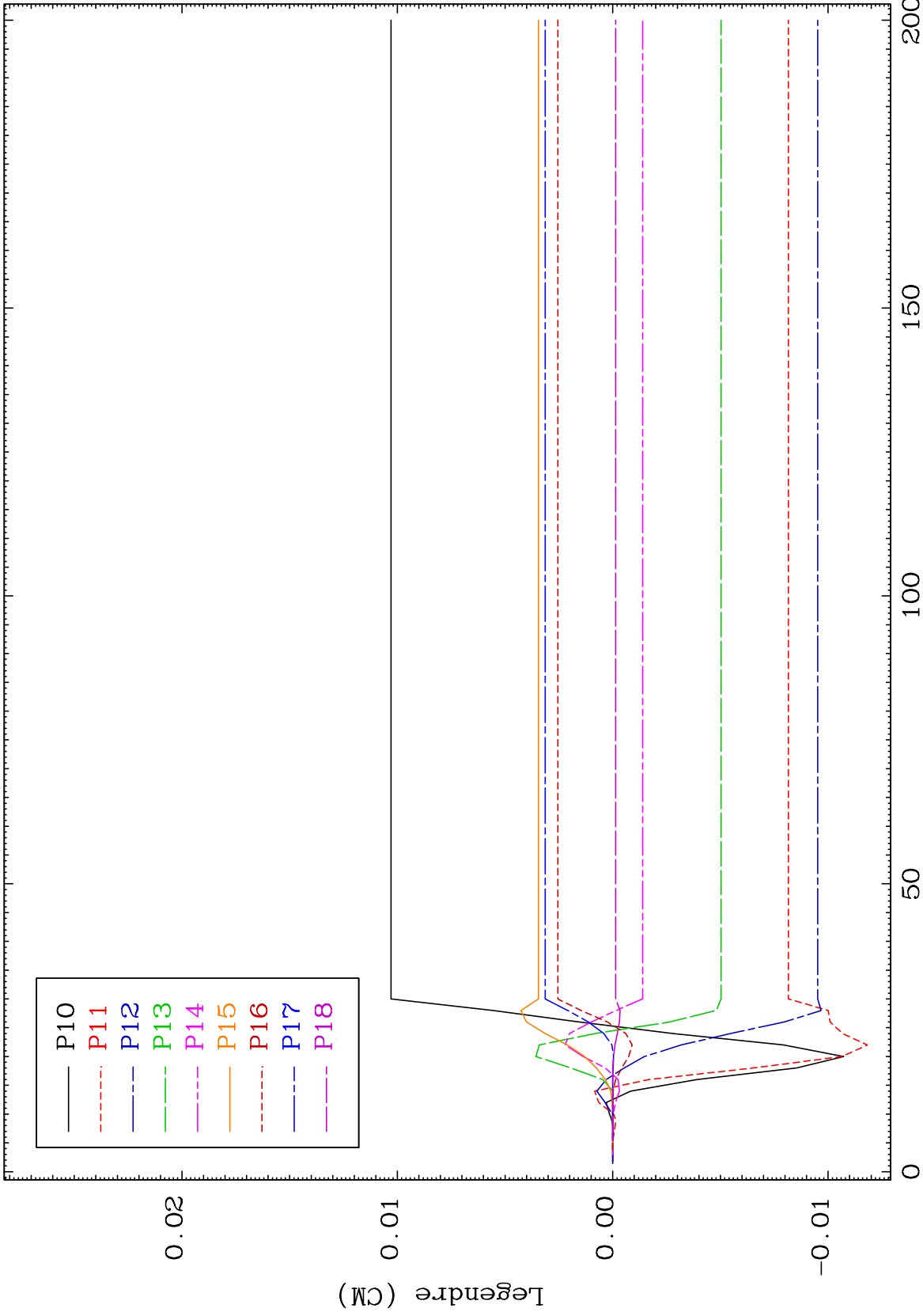


59 Incident Energy (MeV) 69-Tm-150

MAT 6868

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

69-Tm-150



0

50

100

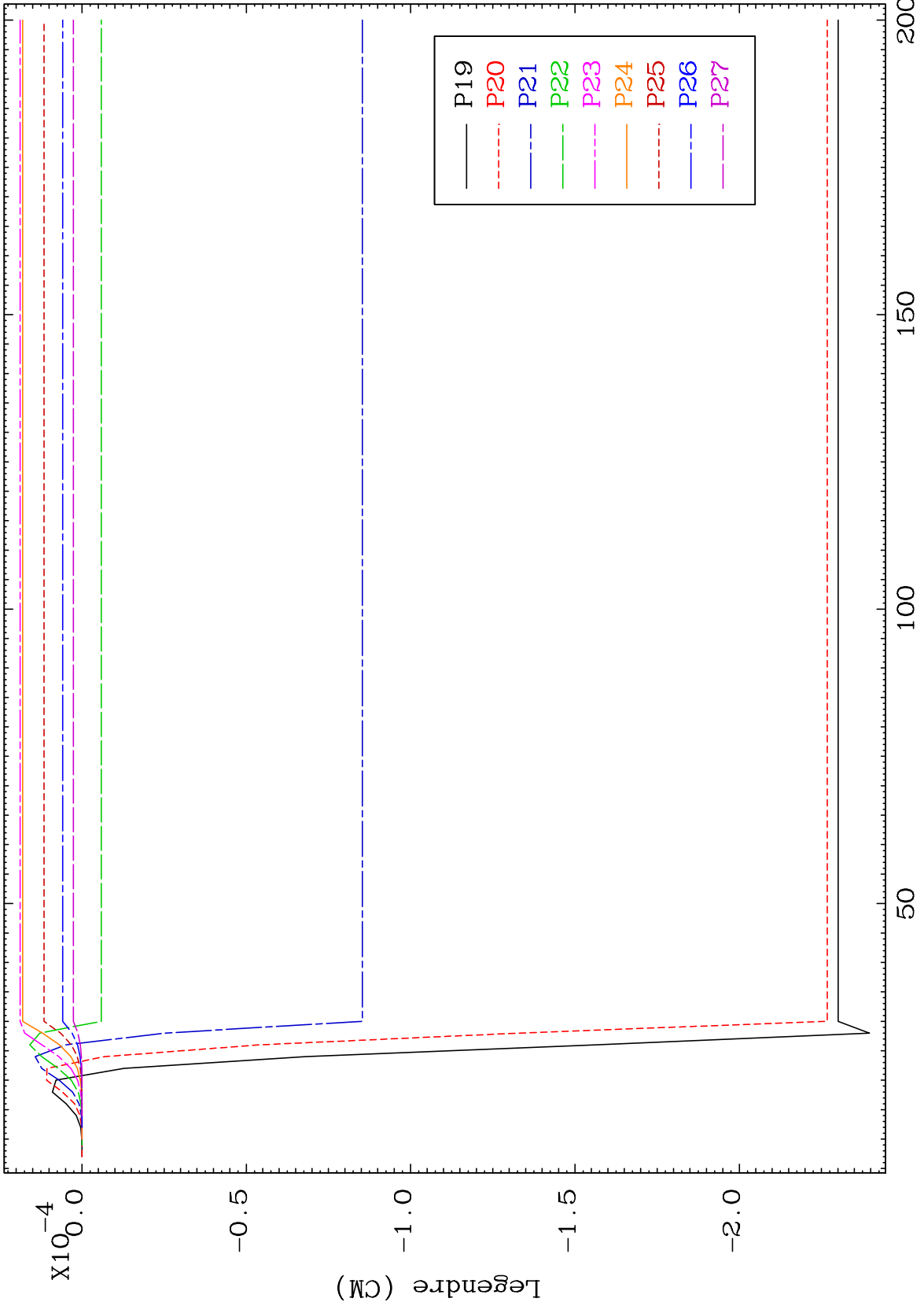
150

200

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 63 (n,n') Level Legendre Coefficients 69-Tm-150

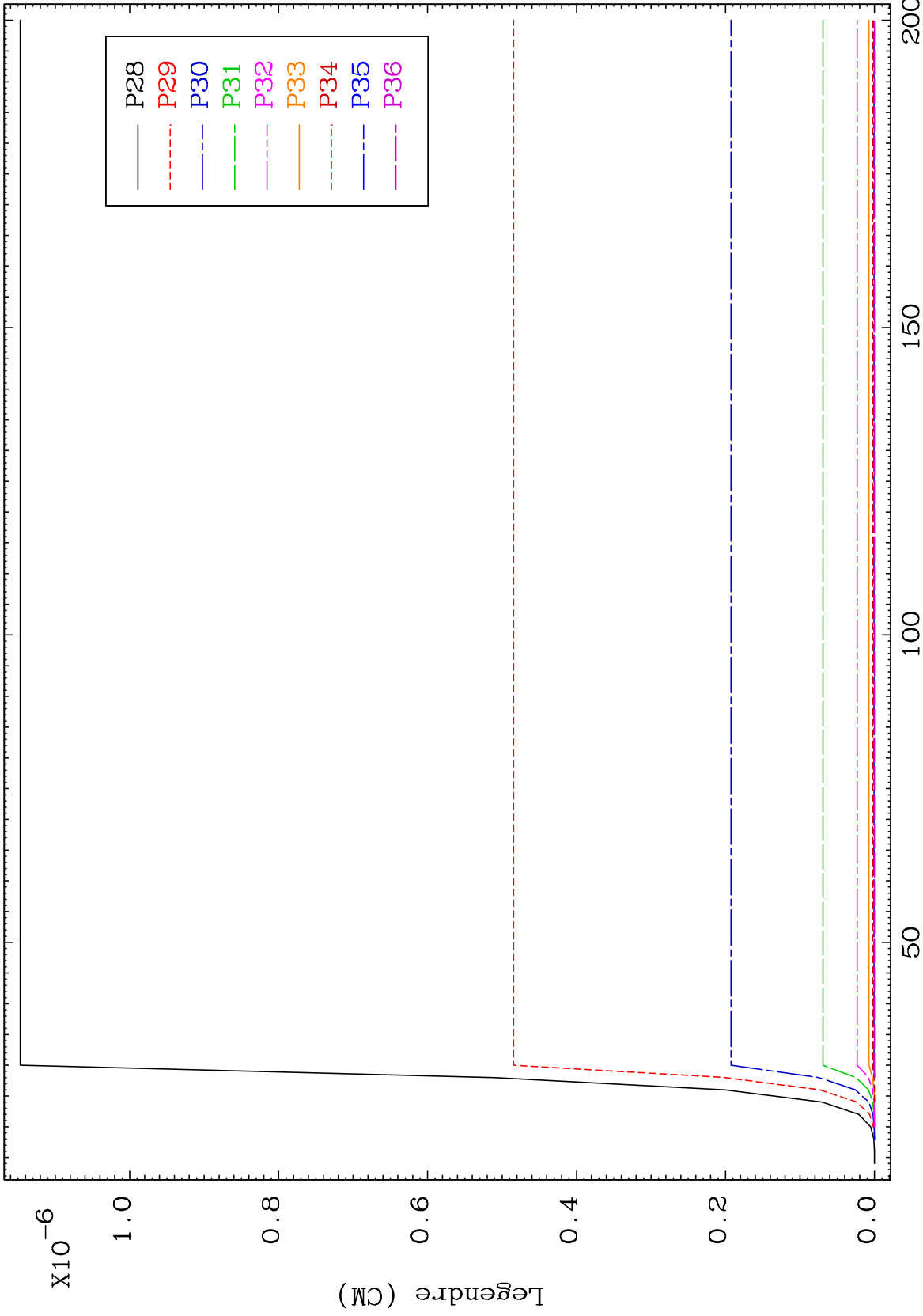


61 69-Tm-150

MAT 6868

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

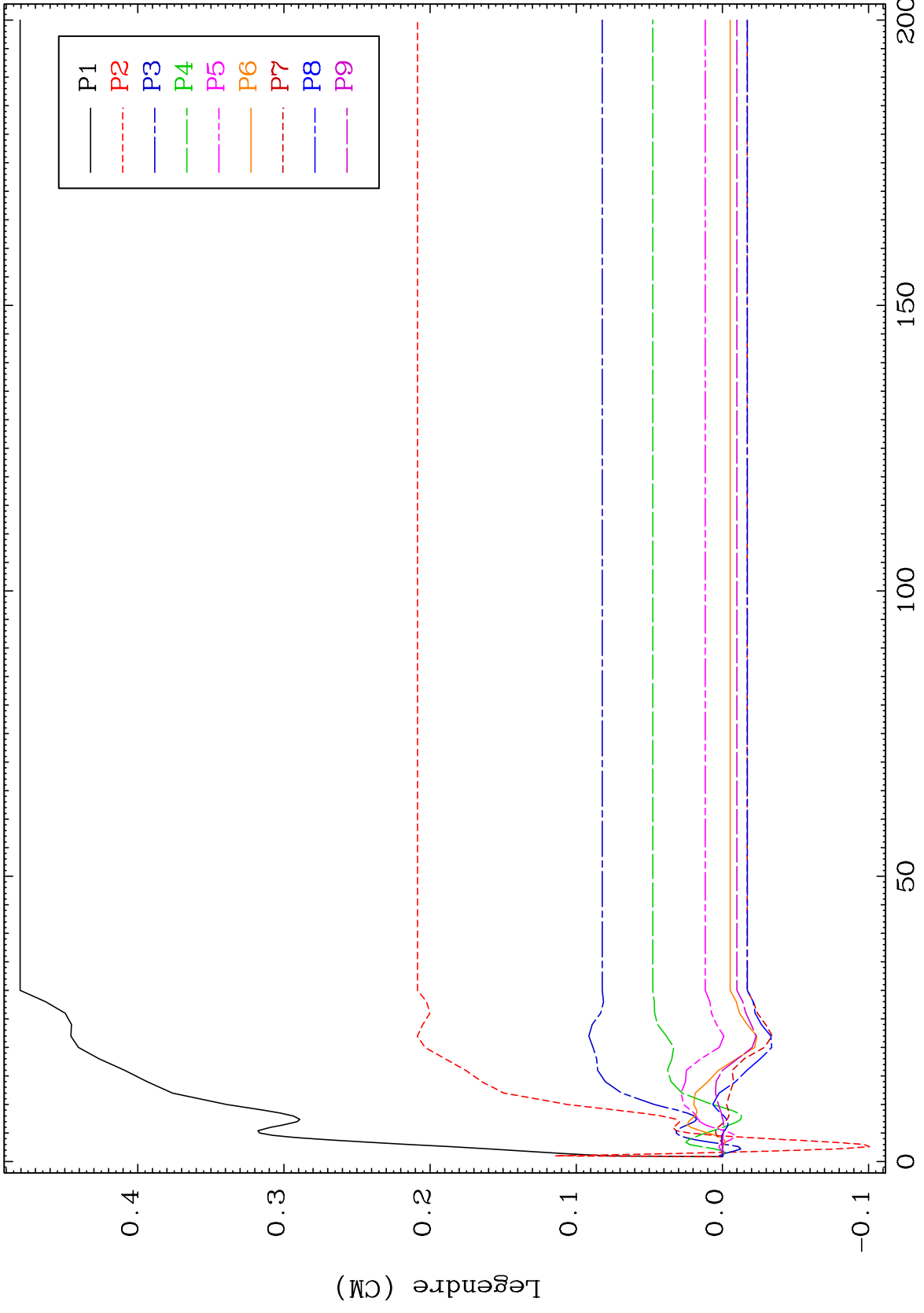
69-Tm-150



62

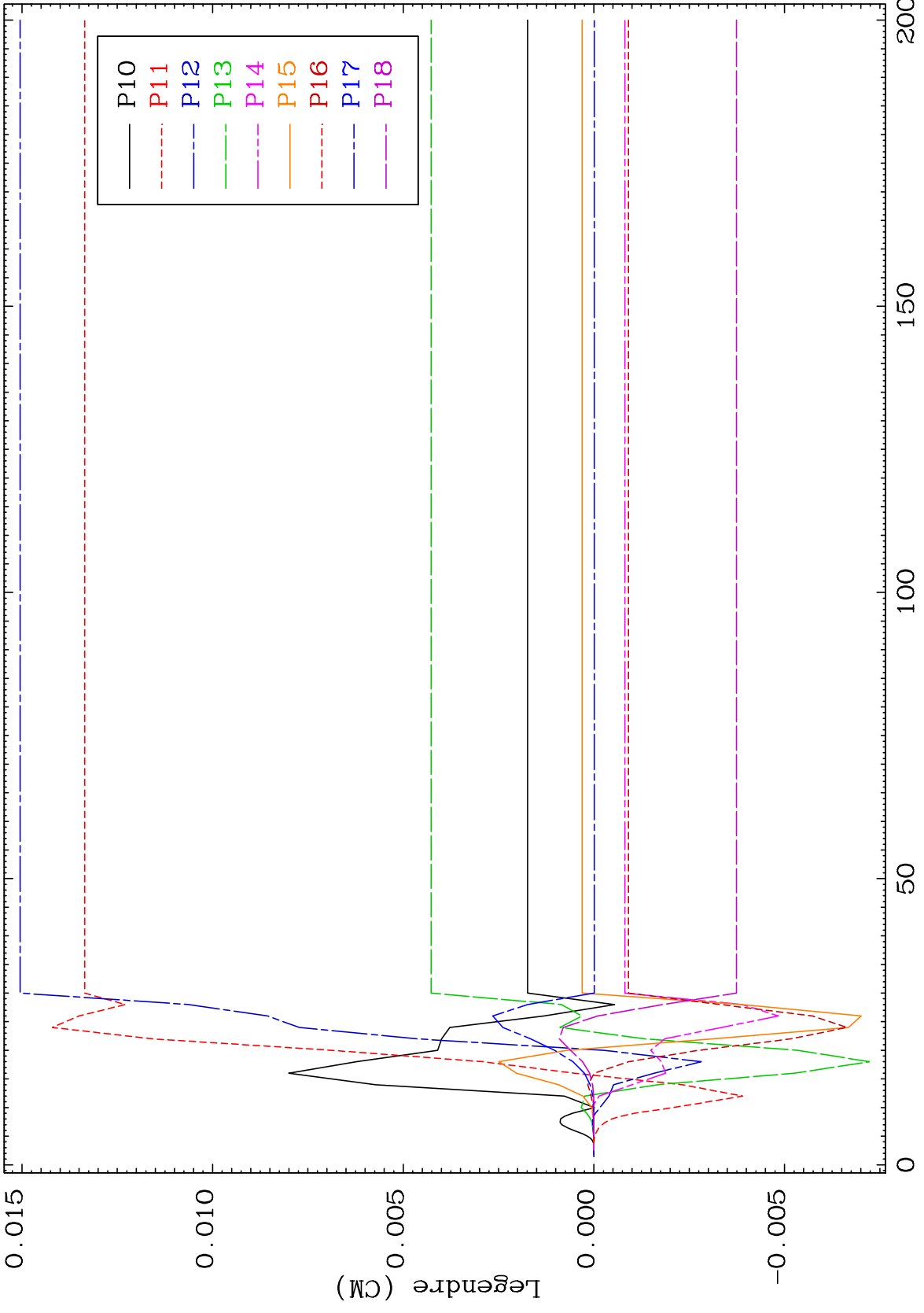
69-Tm-150

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

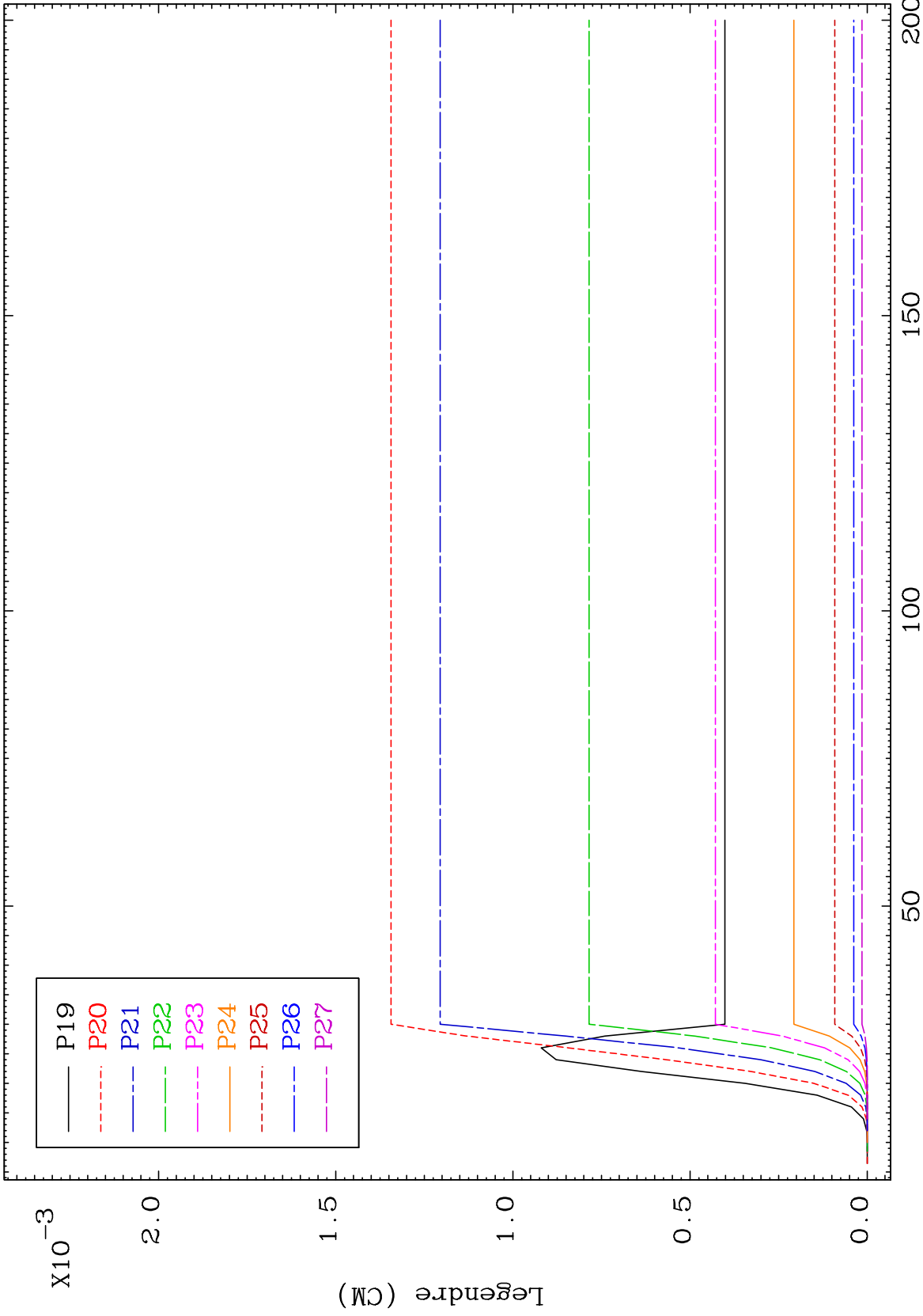


64 69-Tm-150

MAT 6868

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

69-Tm-150



65

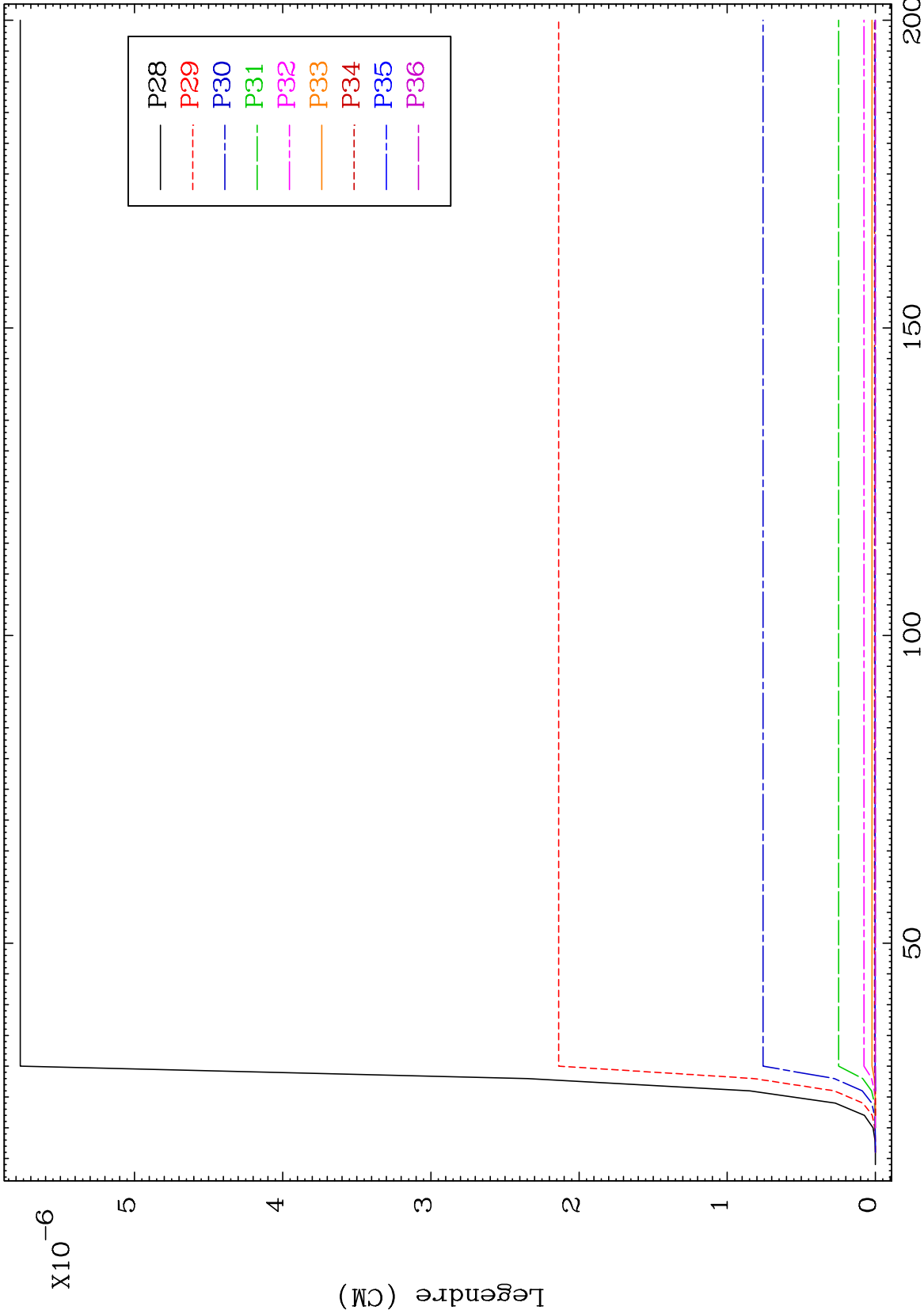
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

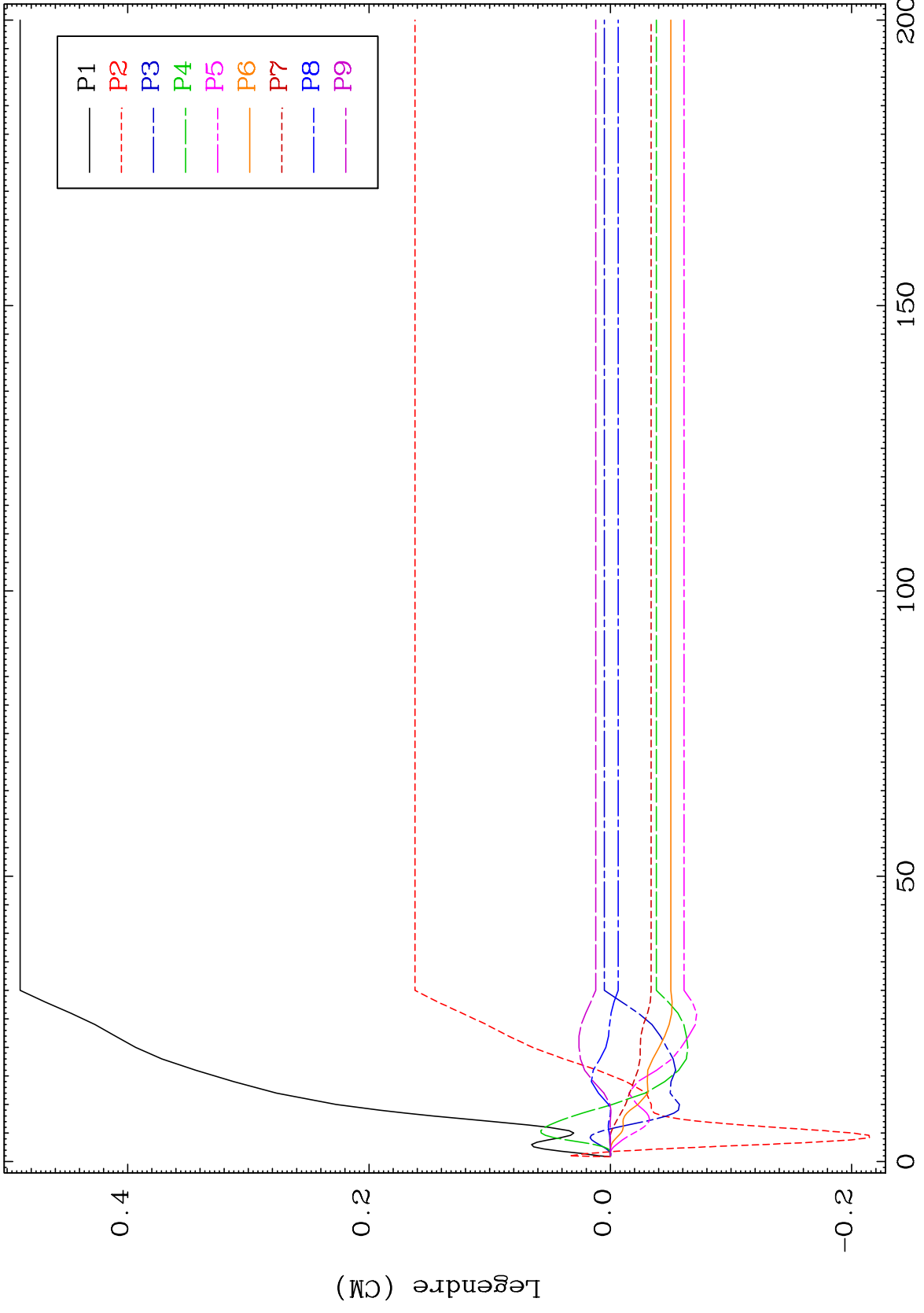


66

Incident Energy (MeV)

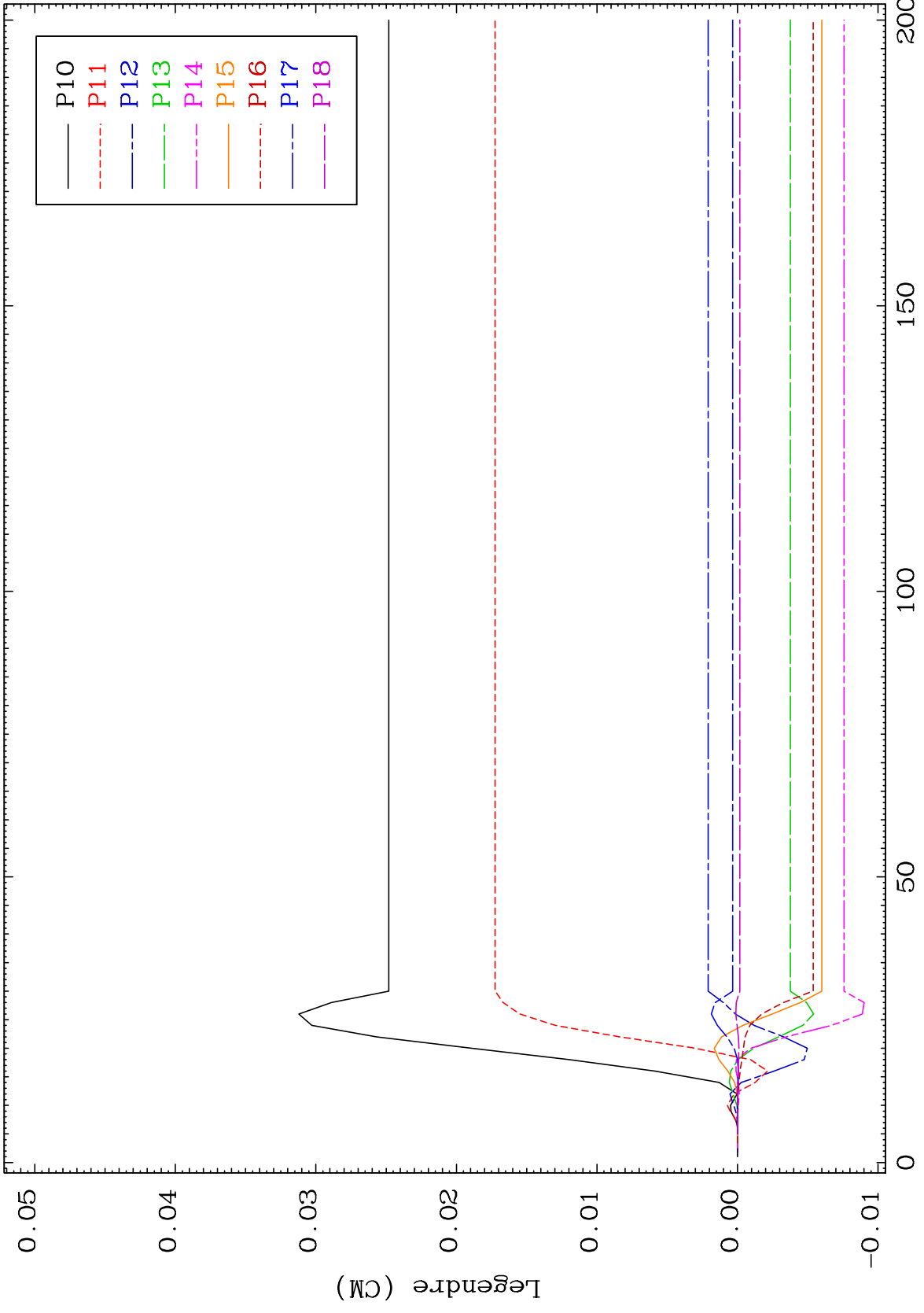
69-Tm-150

MAT 6868 MT= 65 (n,n') Level Legendre Coefficients 69-Tm-150



67 69-Tm-150

MAT 6868 MT= 65 (n,n') Level Legendre Coefficients 69-Tm-150

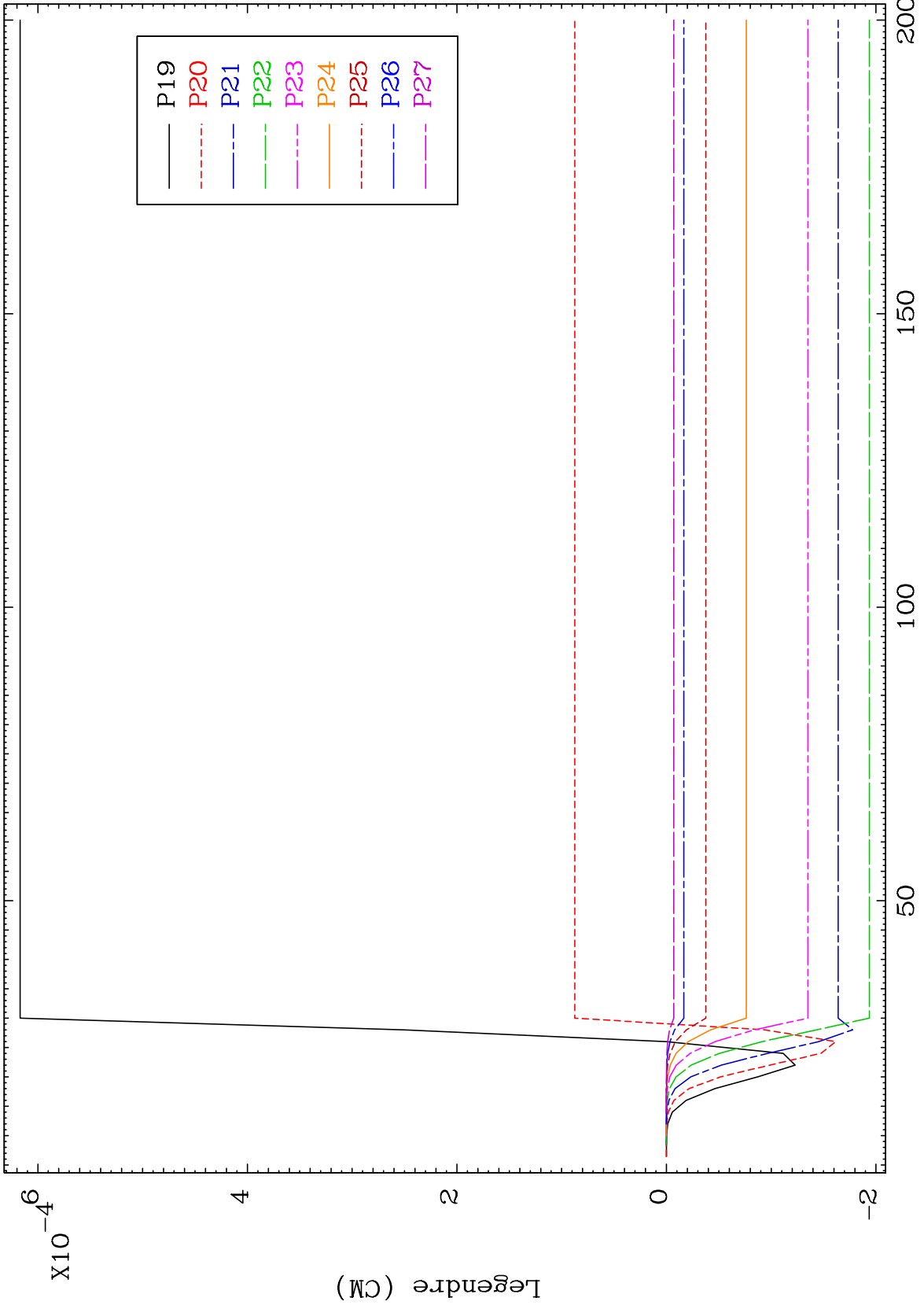


68 69-Tm-150

MAT 6868

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

69-Tm-150



69

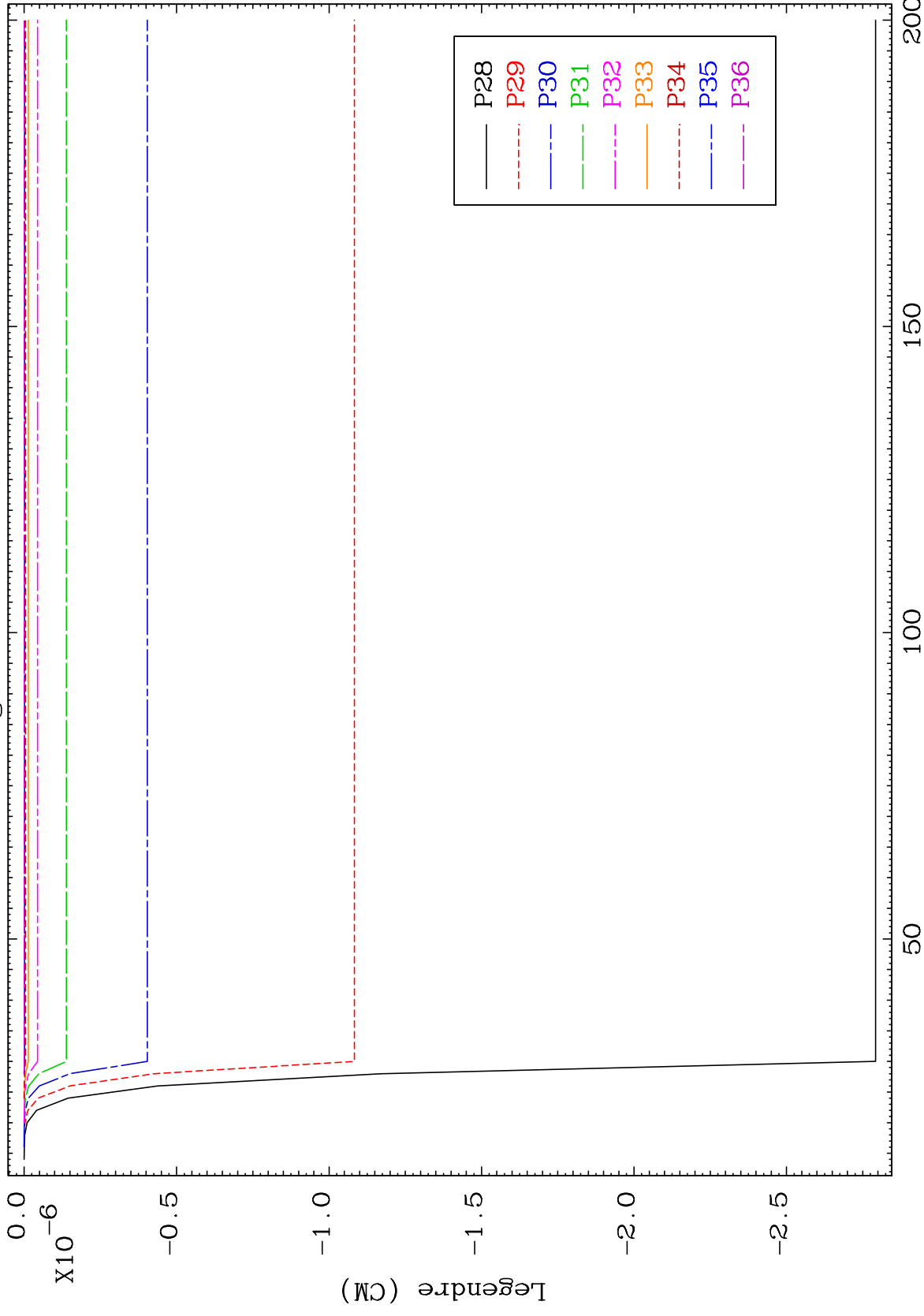
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150



69-Tm-150

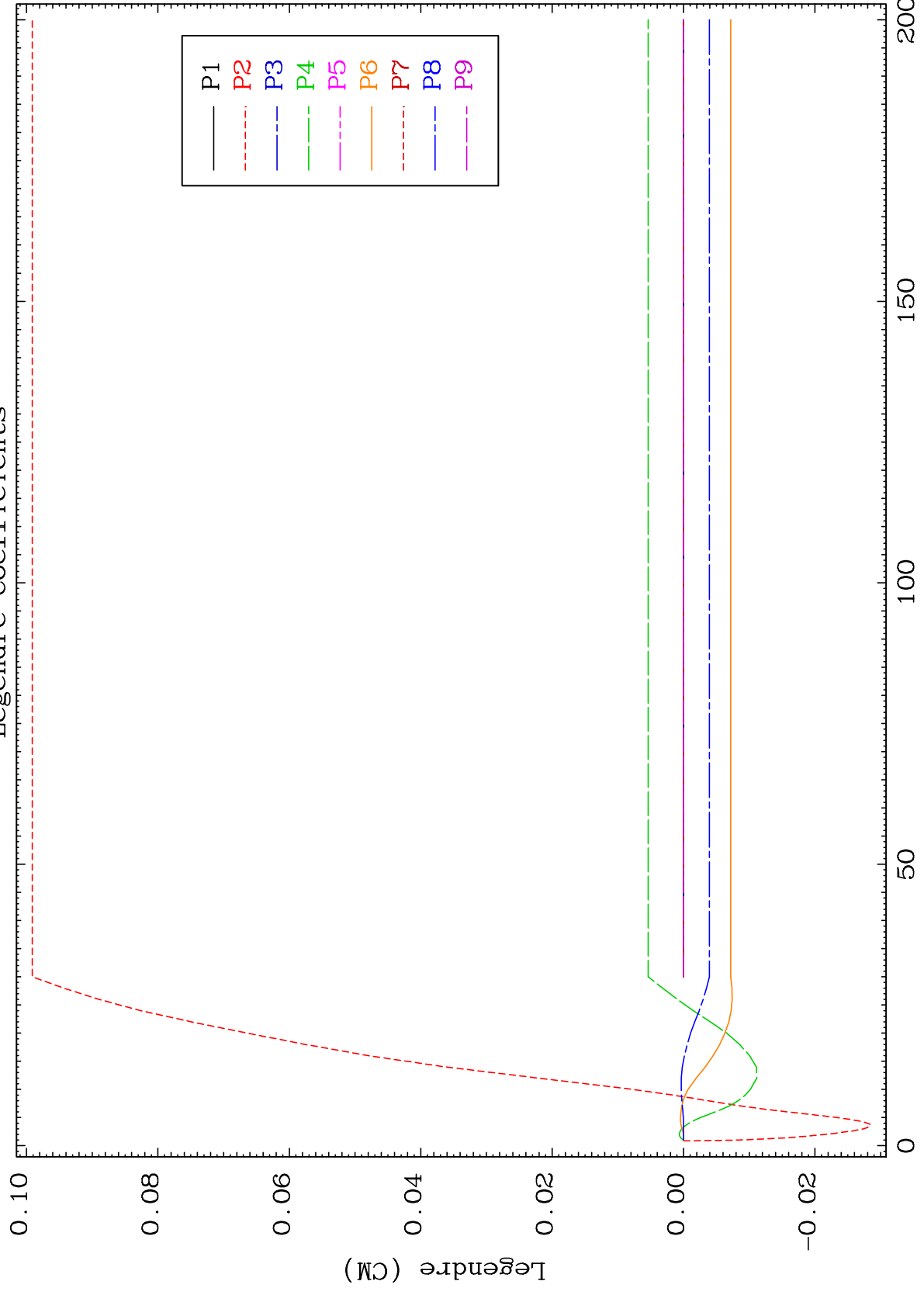
Incident Energy (MeV)

70

MAT 6868 MT= 66 (n,n') Level Legendre Coefficients

69-Tm-150

69-Tm-150

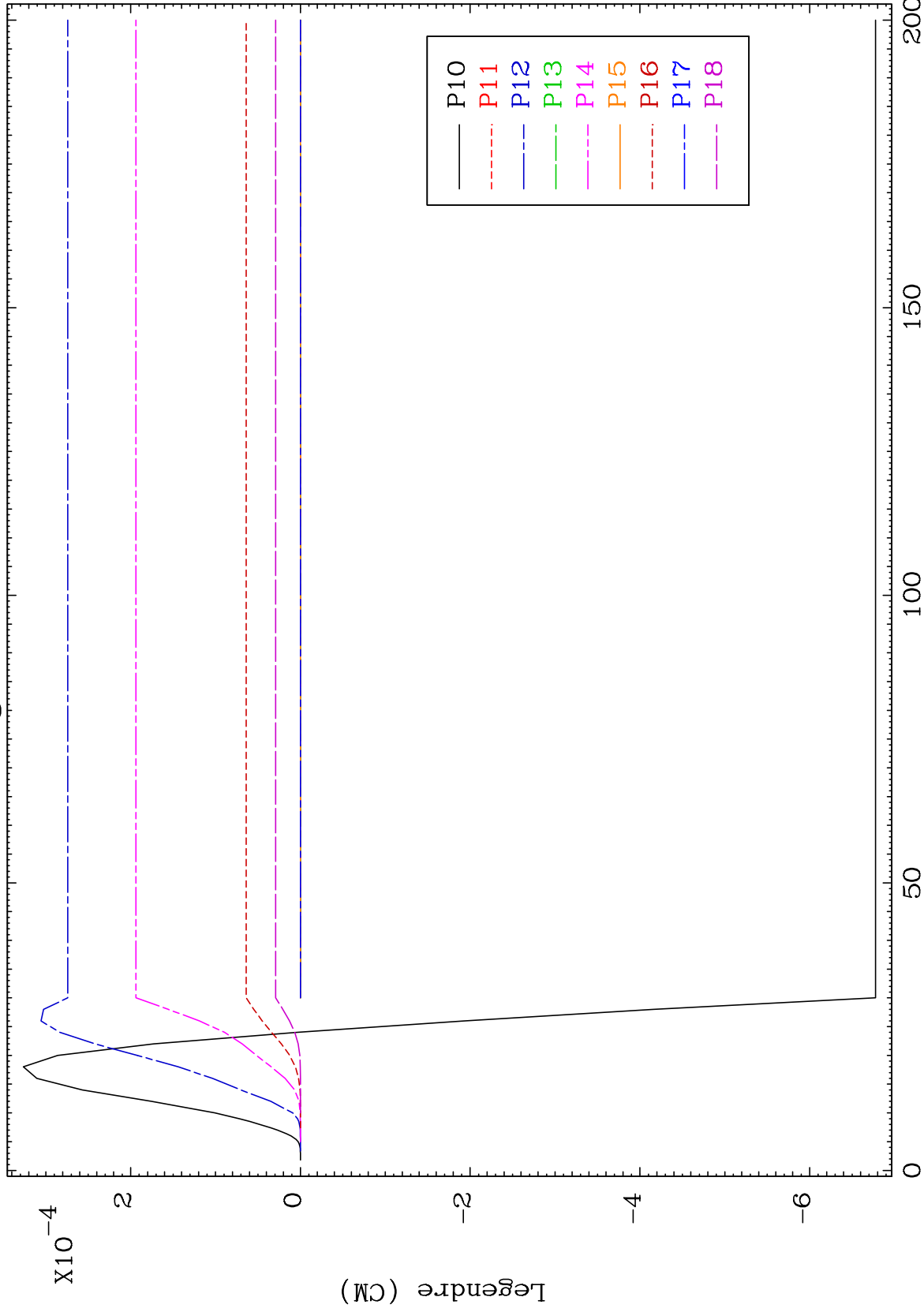


71

MAT 6868

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

69-Tm-150

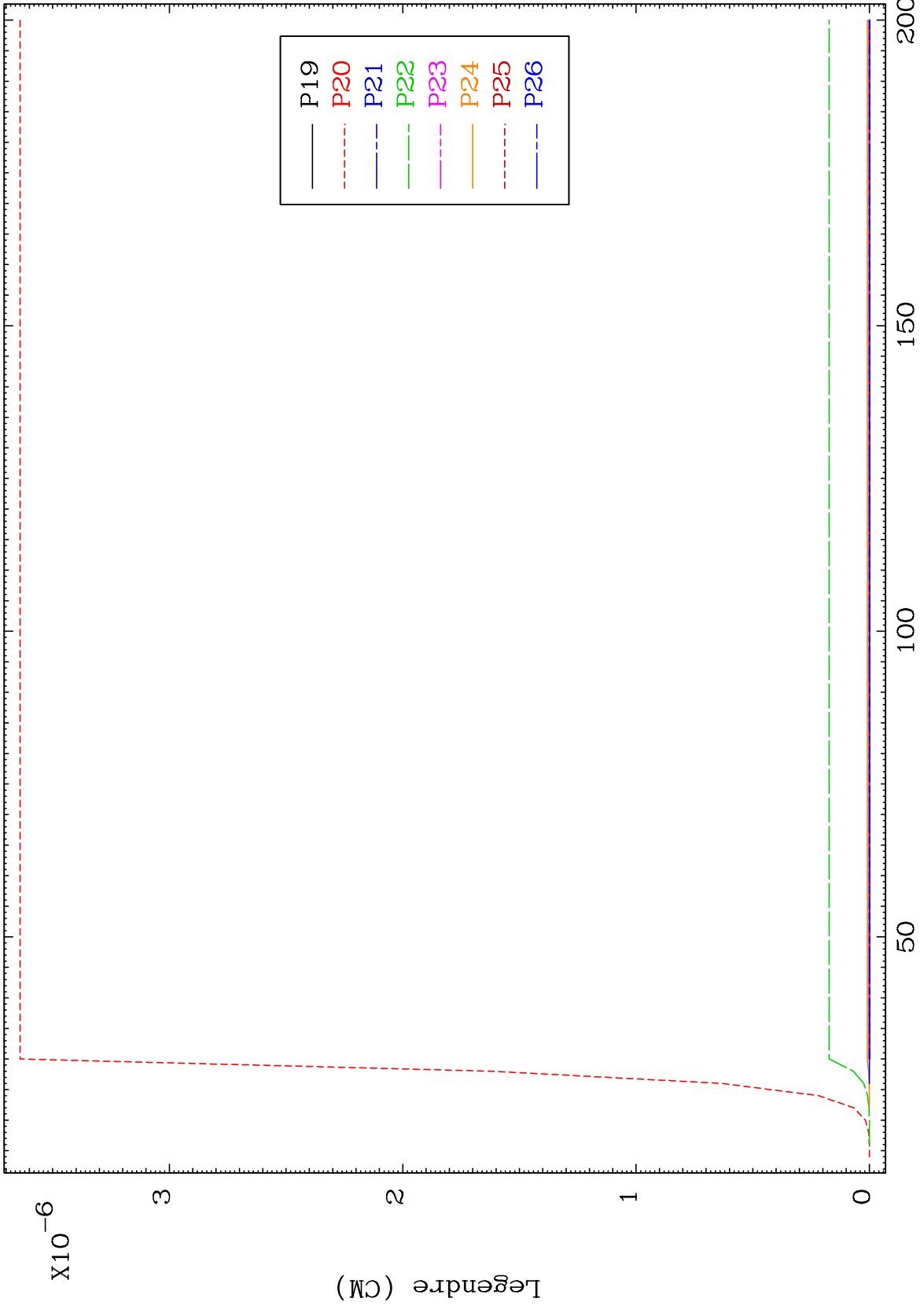


72

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 66 (n,n') Level Legendre Coefficients 69-Tm-150

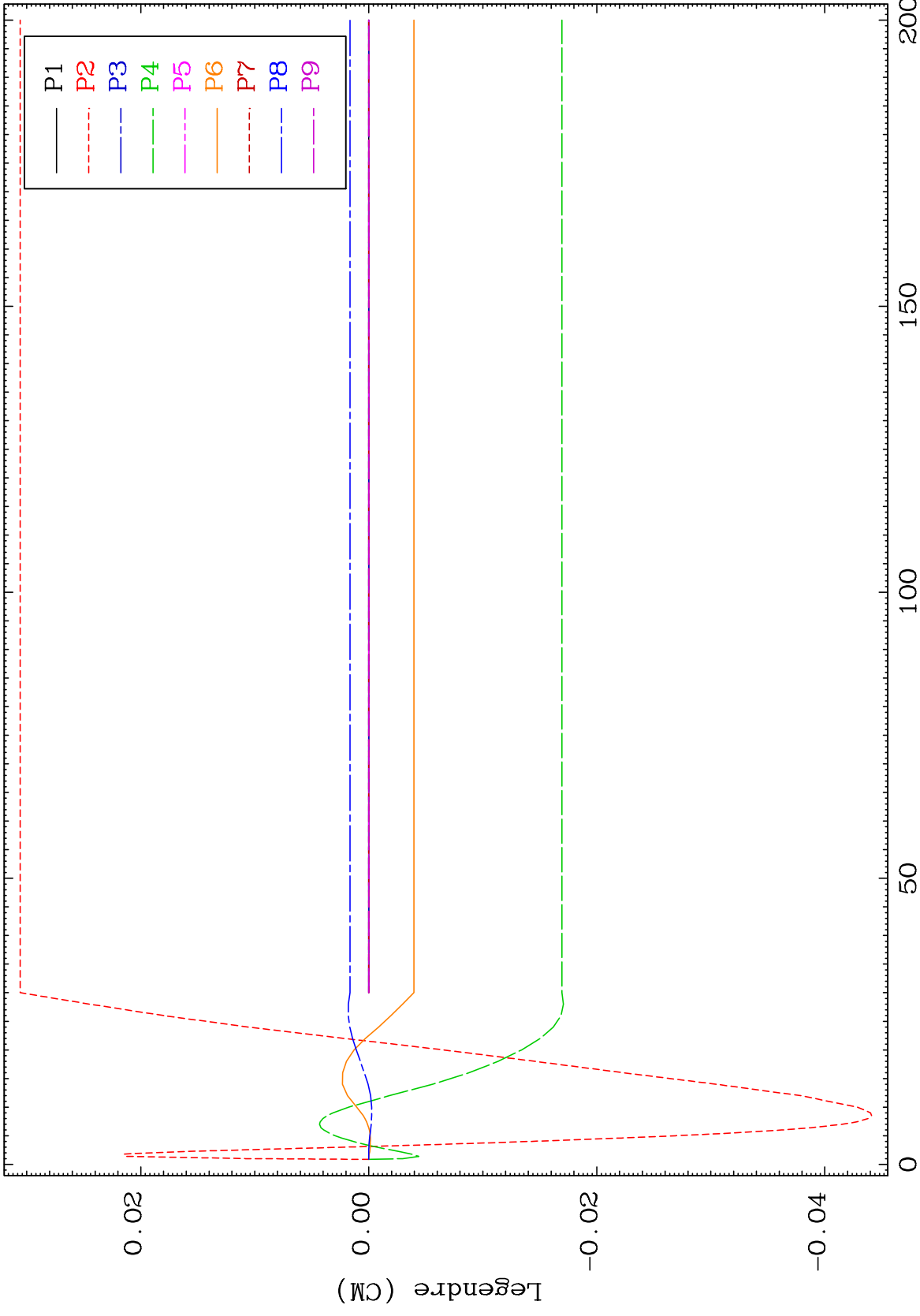


73 69-Tm-150

MAT 6868

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

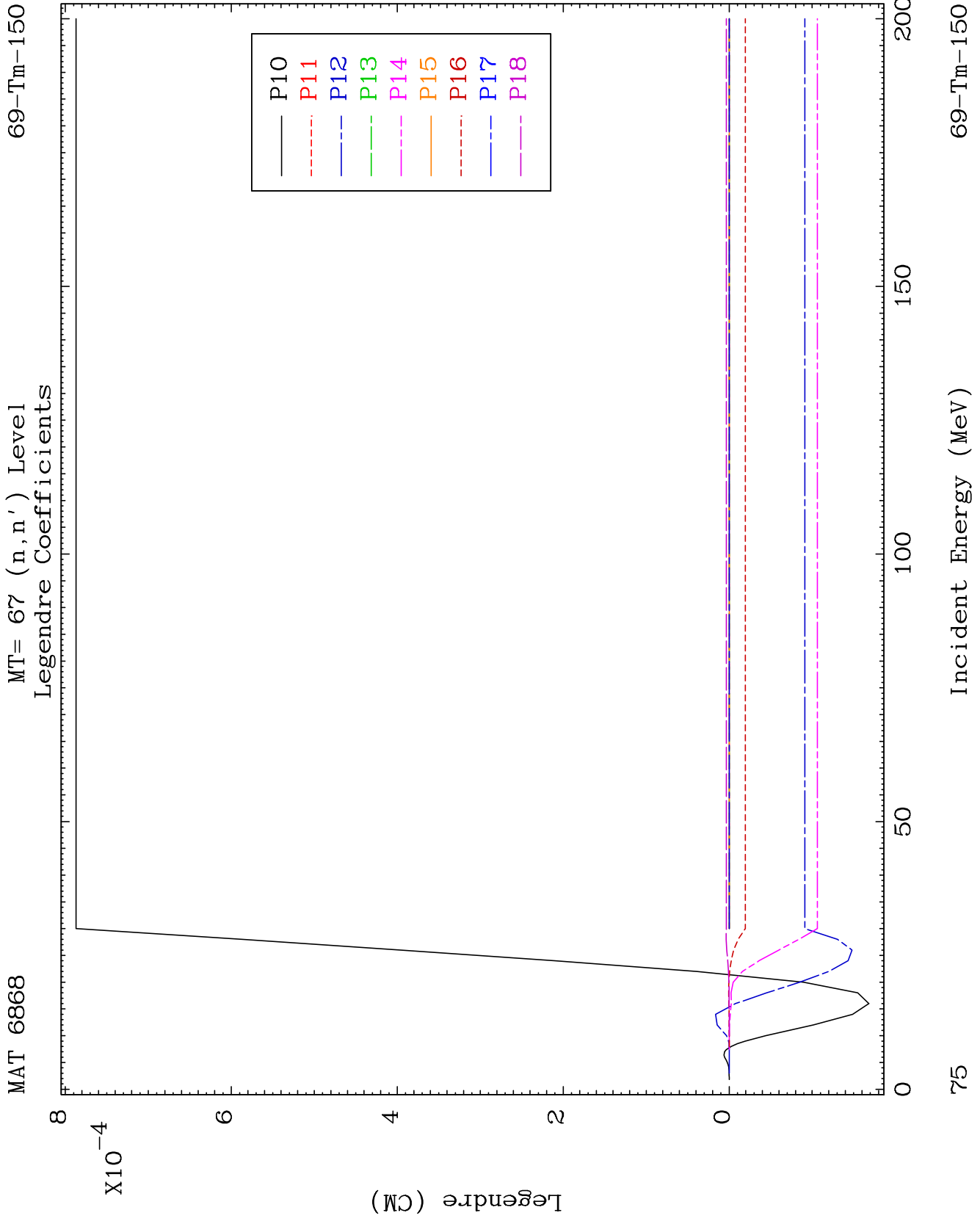
69-Tm-150



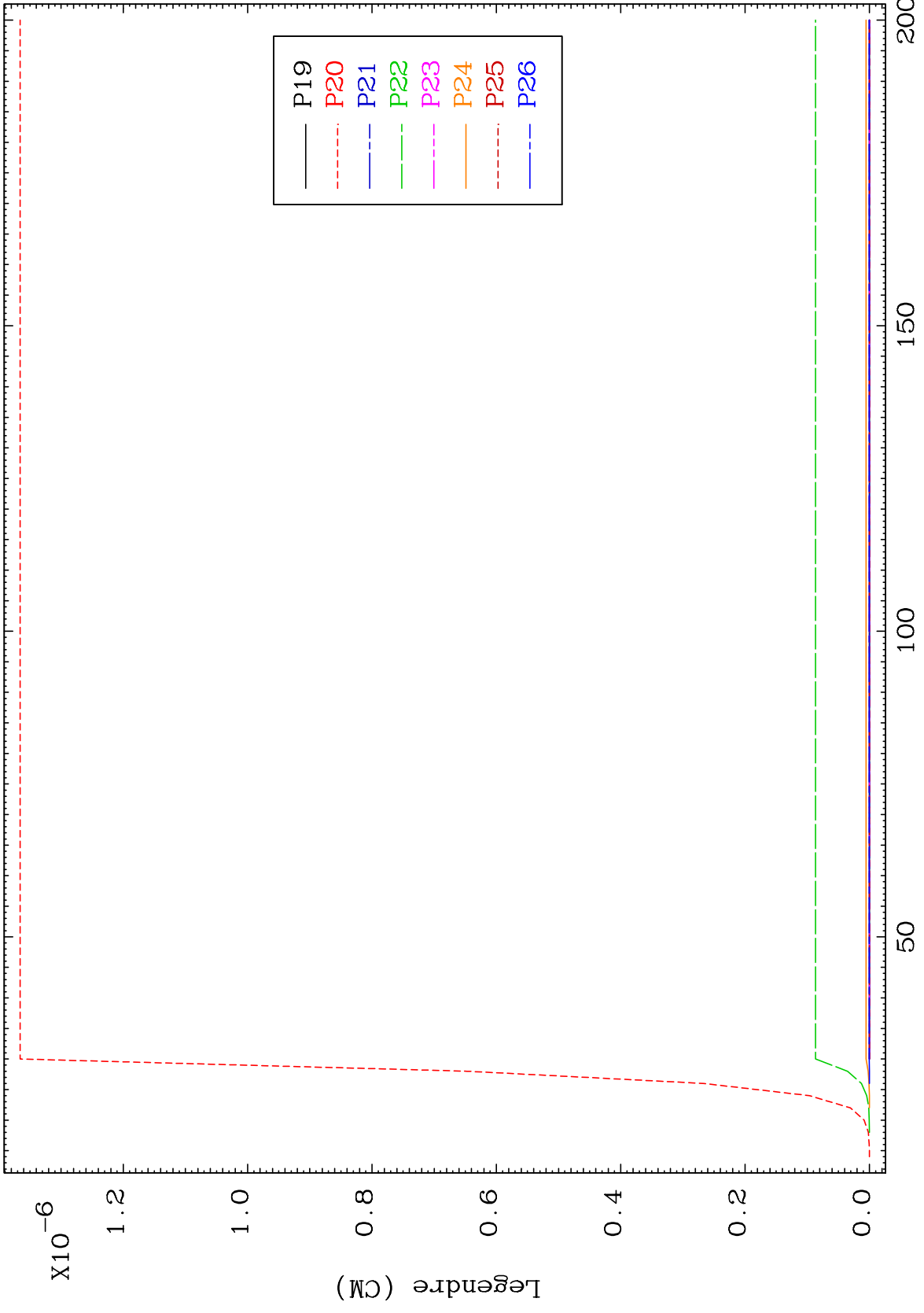
74

Incident Energy (MeV)

69-Tm-150



MAT 6868 MT= 67 (n,n') Level Legendre Coefficients 69-Tm-150

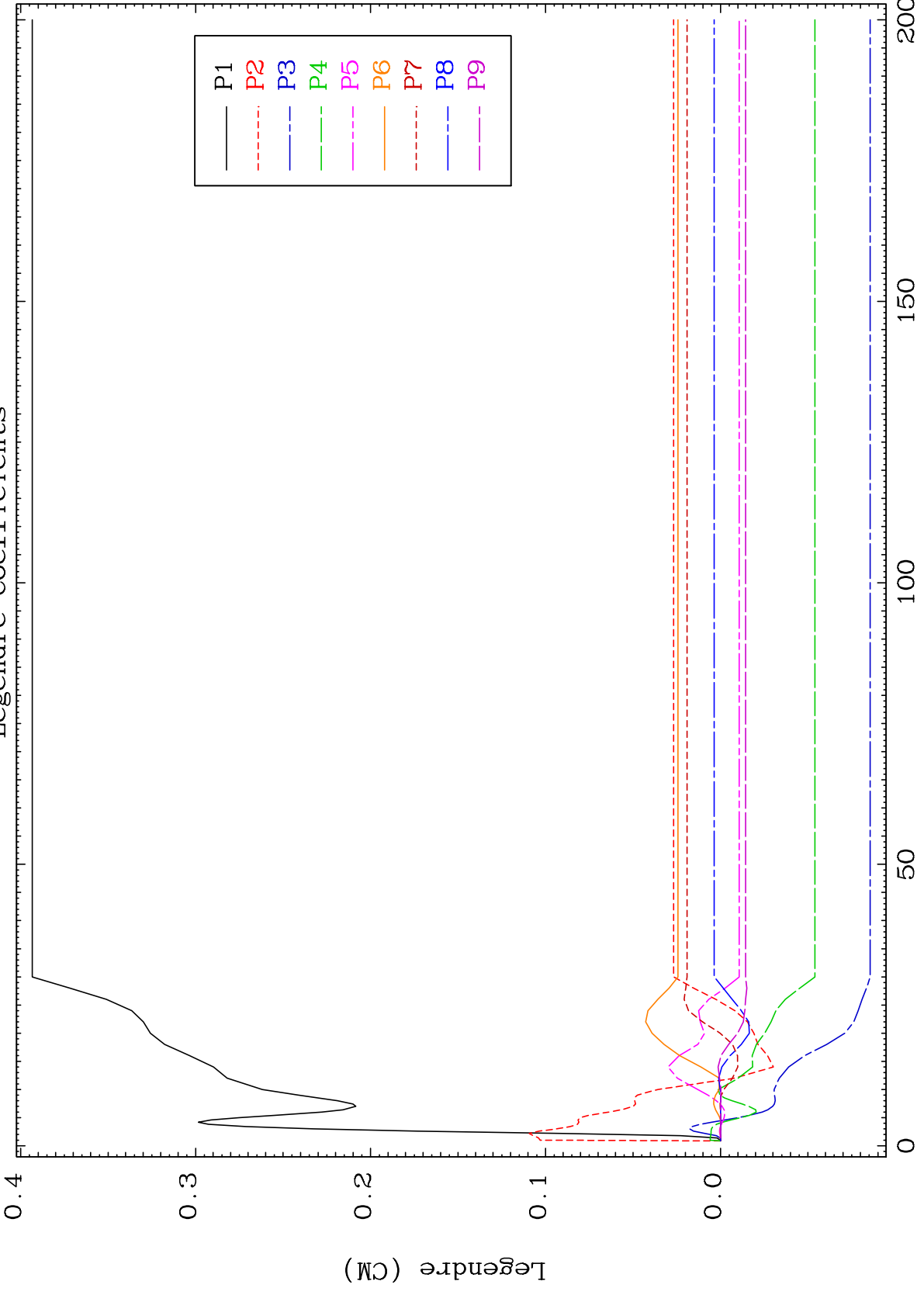


76 Incident Energy (MeV) 69-Tm-150

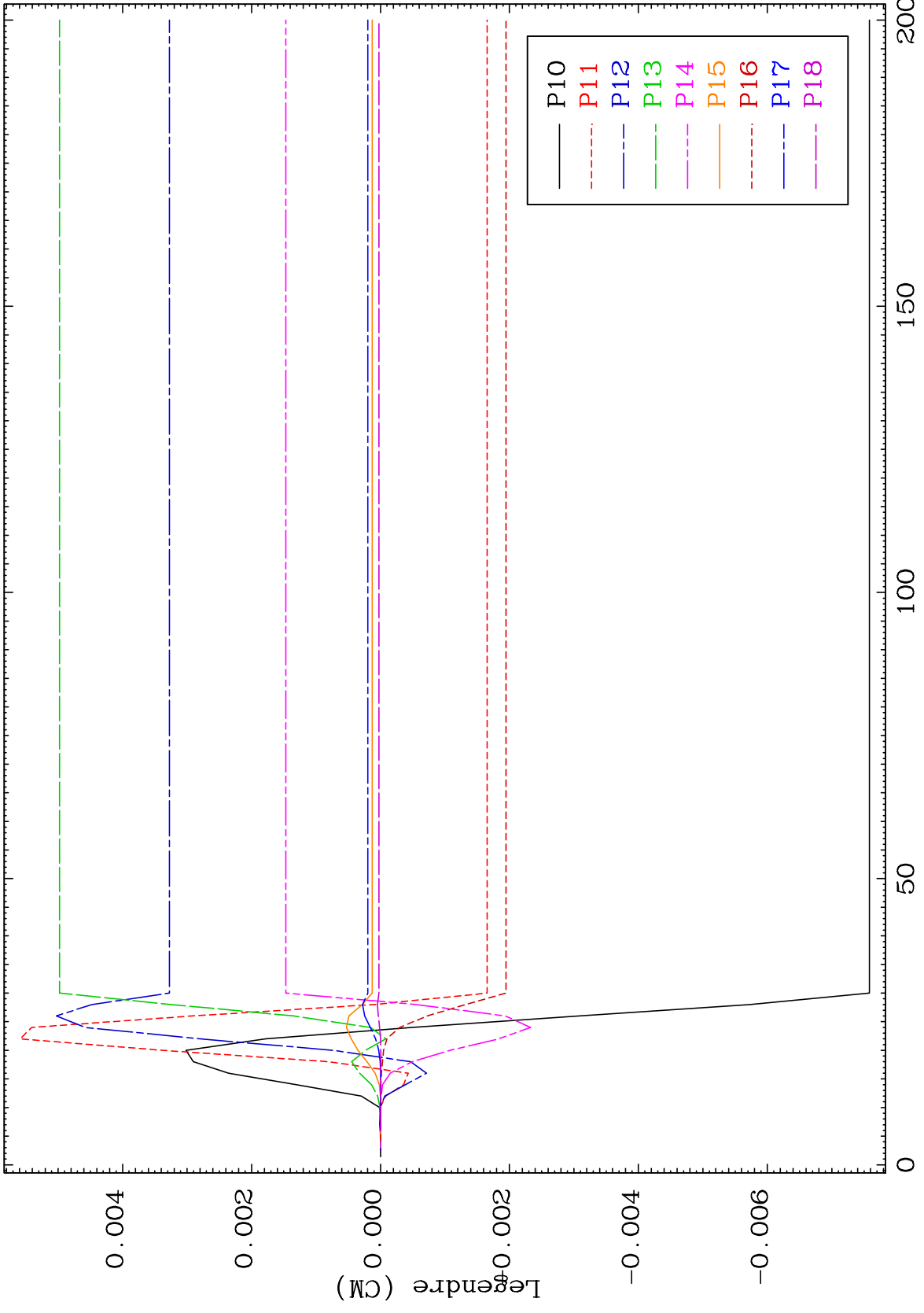
MAT 6868 MT= 68 (n,n') Level Legendre Coefficients

69-Tm-150

69-Tm-150

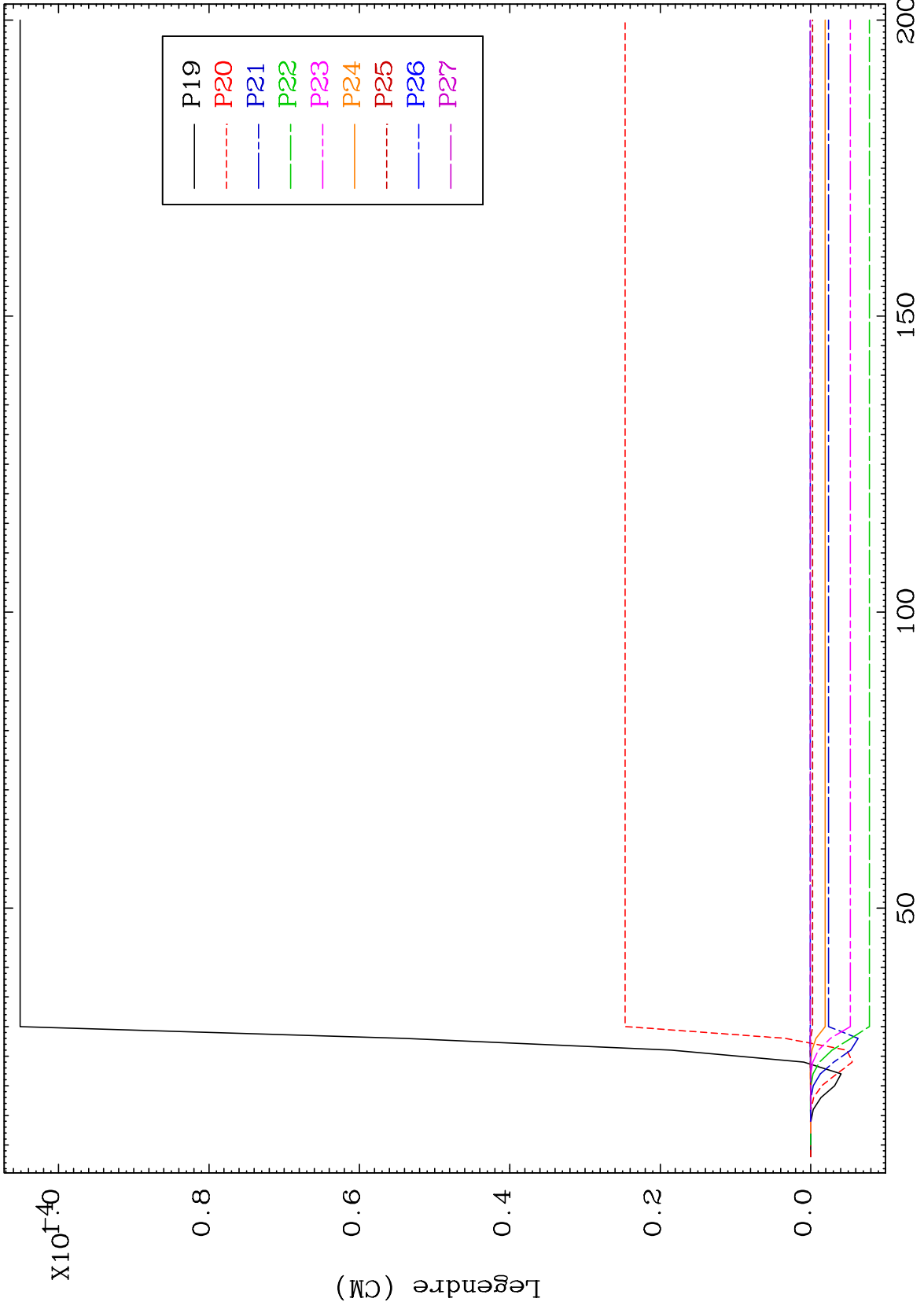


MAT 6868 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-150



78 69-Tm-150

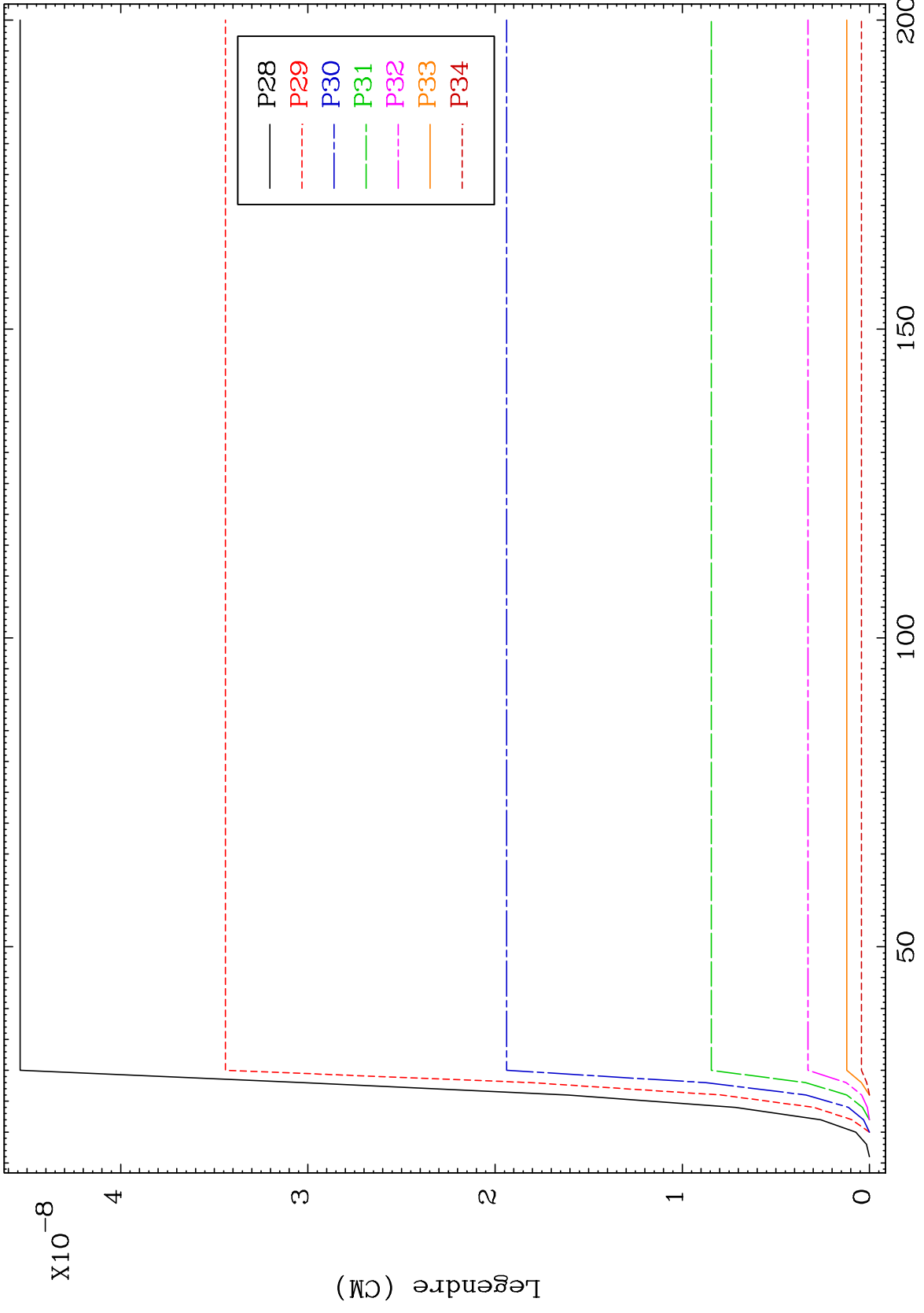
MAT 6868 MT= 68 (n,n') Level Legendre Coefficients 69-Tm-150



MAT 6868

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

69-Tm-150

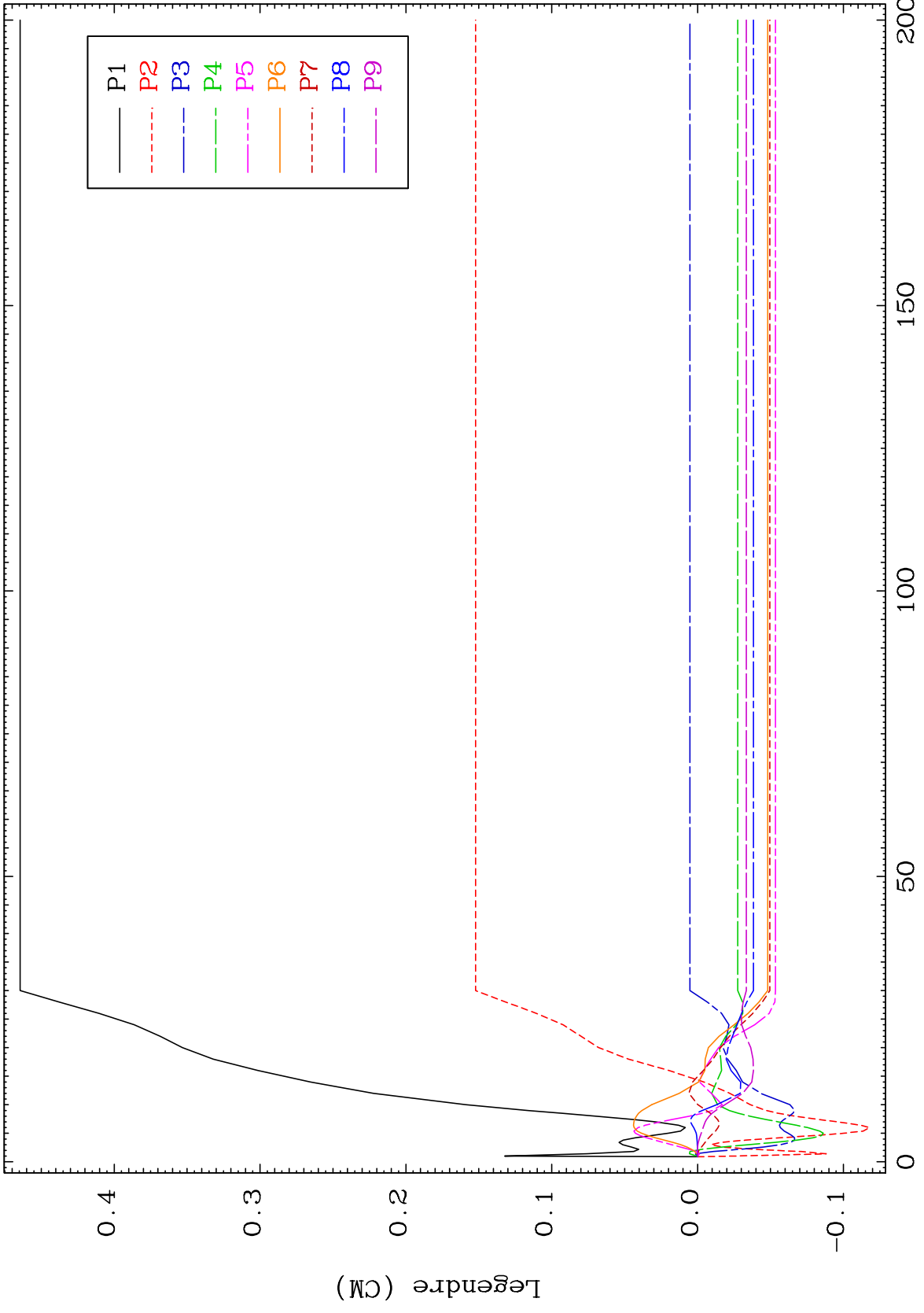


80

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 69 (n,n') Level Legendre Coefficients 69-Tm-150

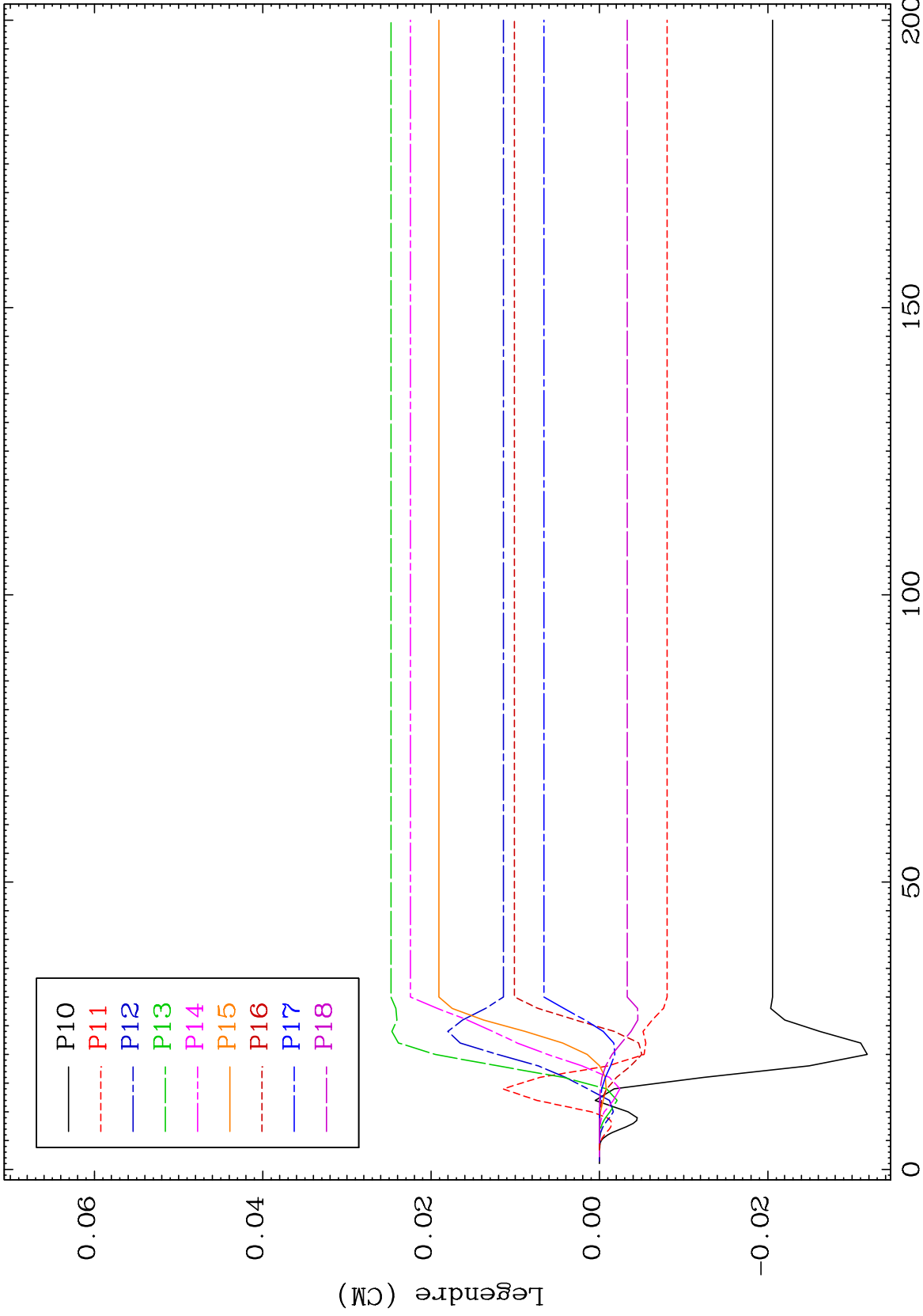


81 69-Tm-150

MAT 6868

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

69-Tm-150



82

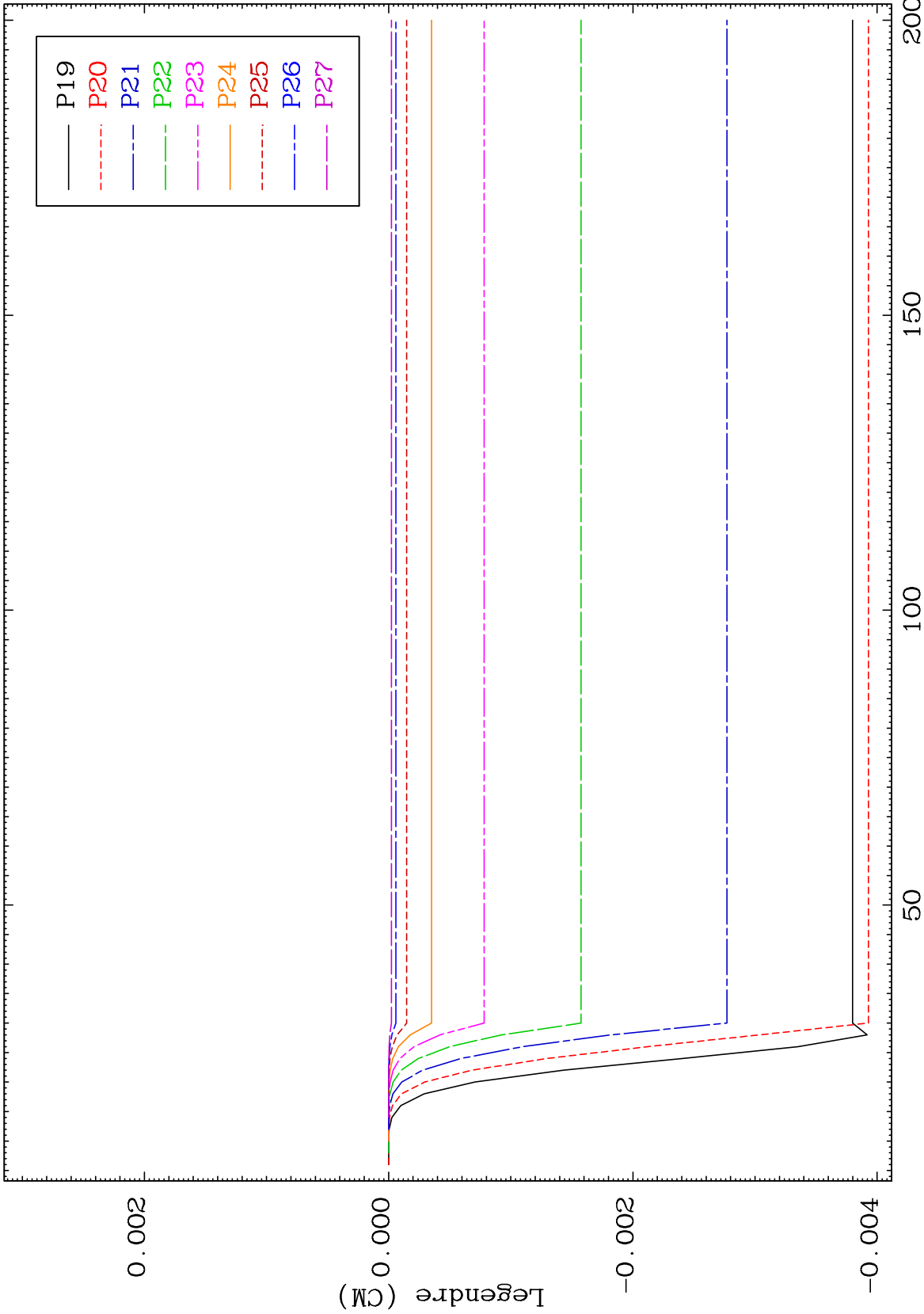
Incident Energy (MeV)

69-Tm-150

MAT 6868

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

69-Tm-150

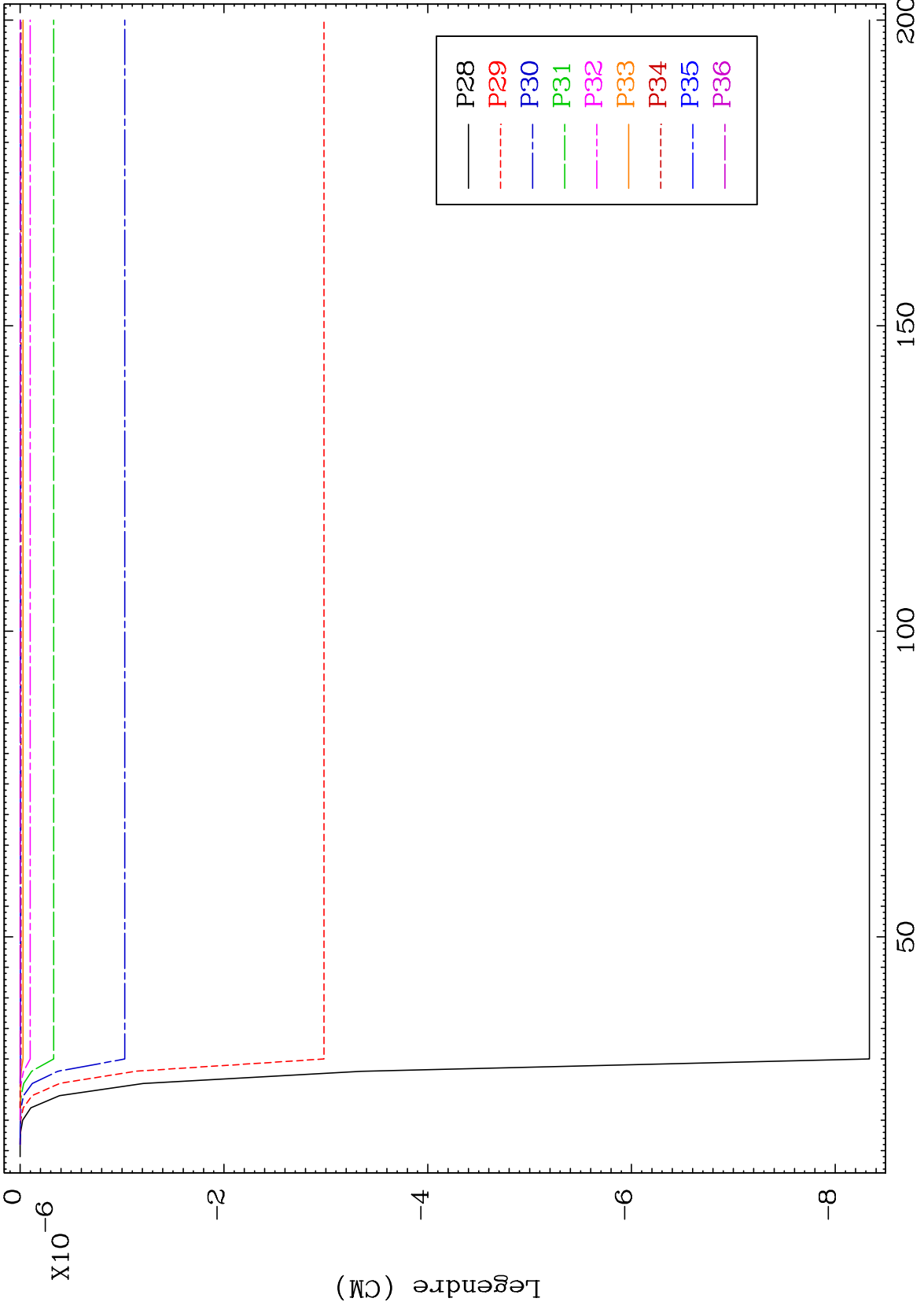


83

Incident Energy (MeV)

69-Tm-150

MAT 6868 MT= 69 (n, n') Level Legendre Coefficients 69-Tm-150



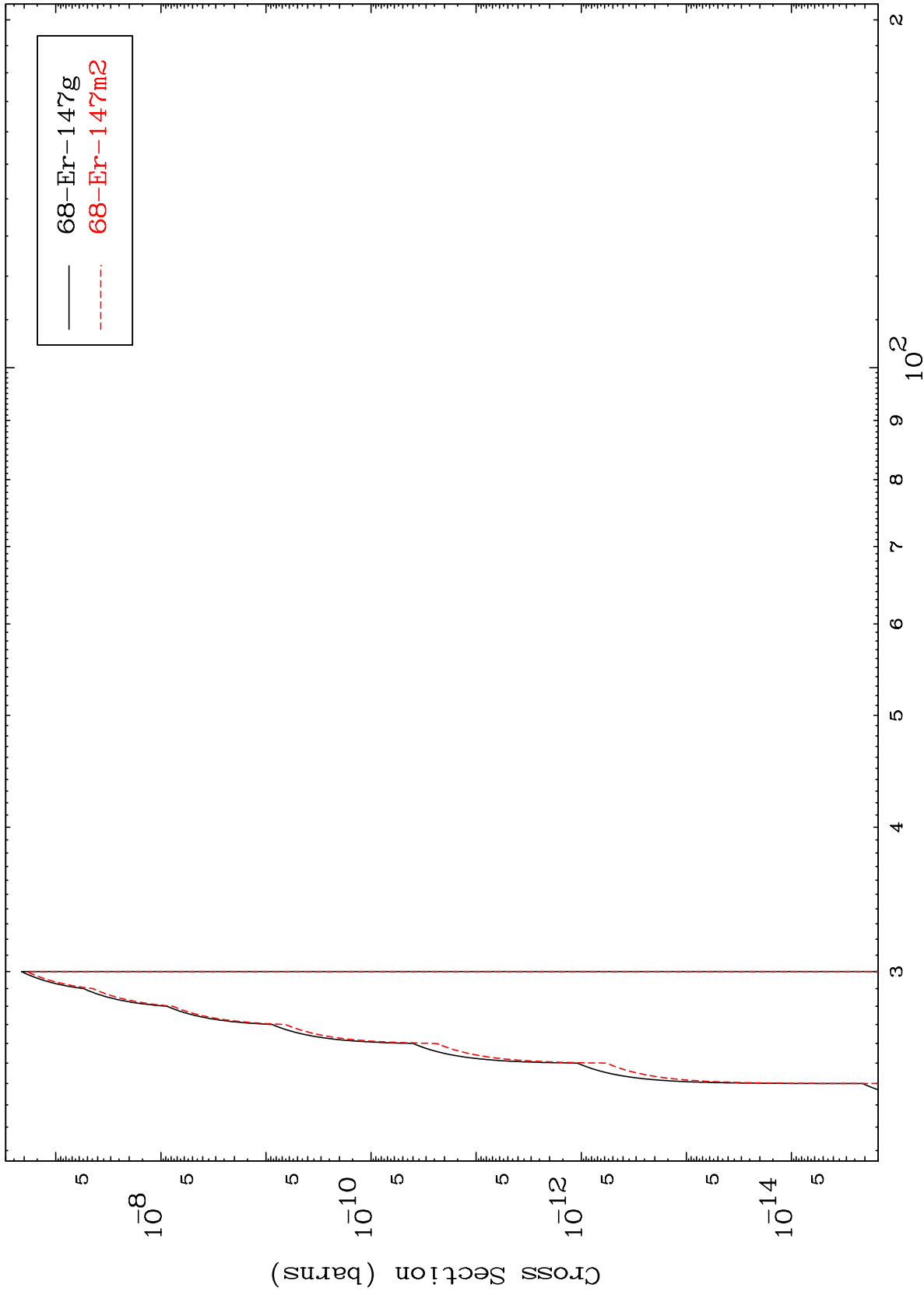
84 Incident Energy (MeV) 69-Tm-150

MAT 6868

(n,2n) d

69-Tm-150

Radionuclide Production Cross Section



85

Incident Energy (MeV)

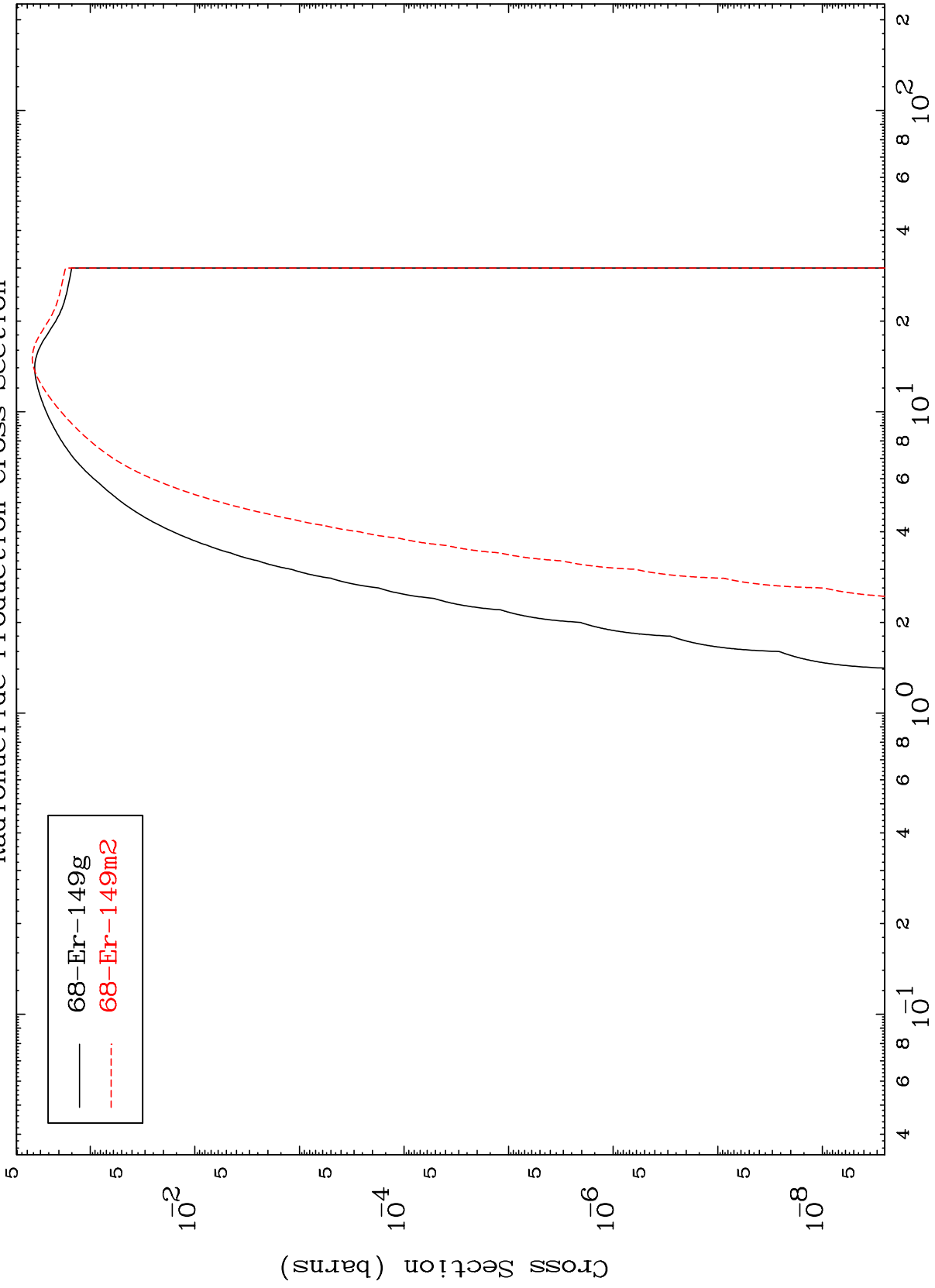
69-Tm-150

MAT 6868

(n,n') p

69-Tm-150

Radionuclide Production Cross Section



86

Incident Energy (MeV)

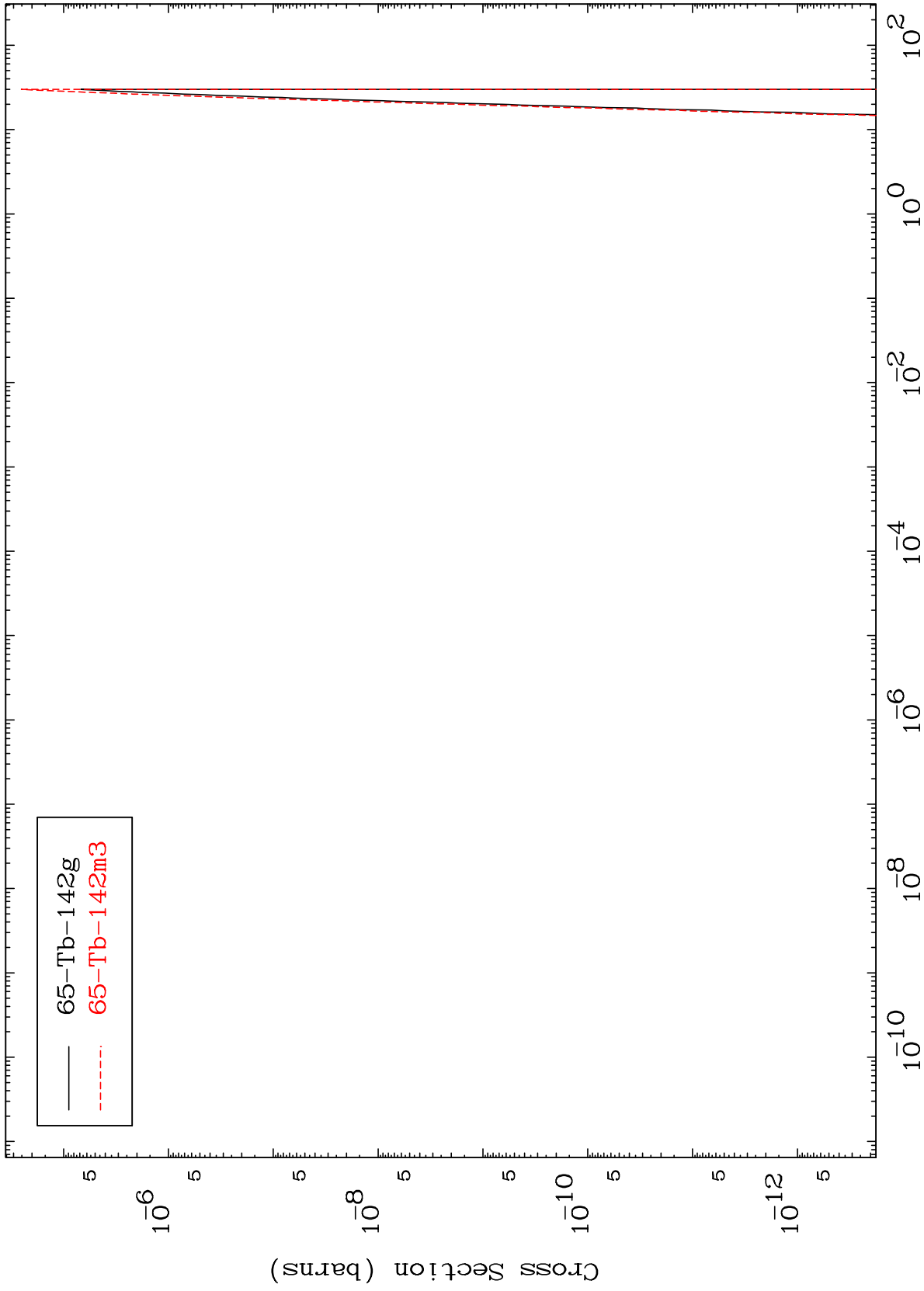
69-Tm-150

MAT 6868

(n,n') 2 α

69-Tm-150

Radionuclide Production Cross Section



87

Incident Energy (MeV)

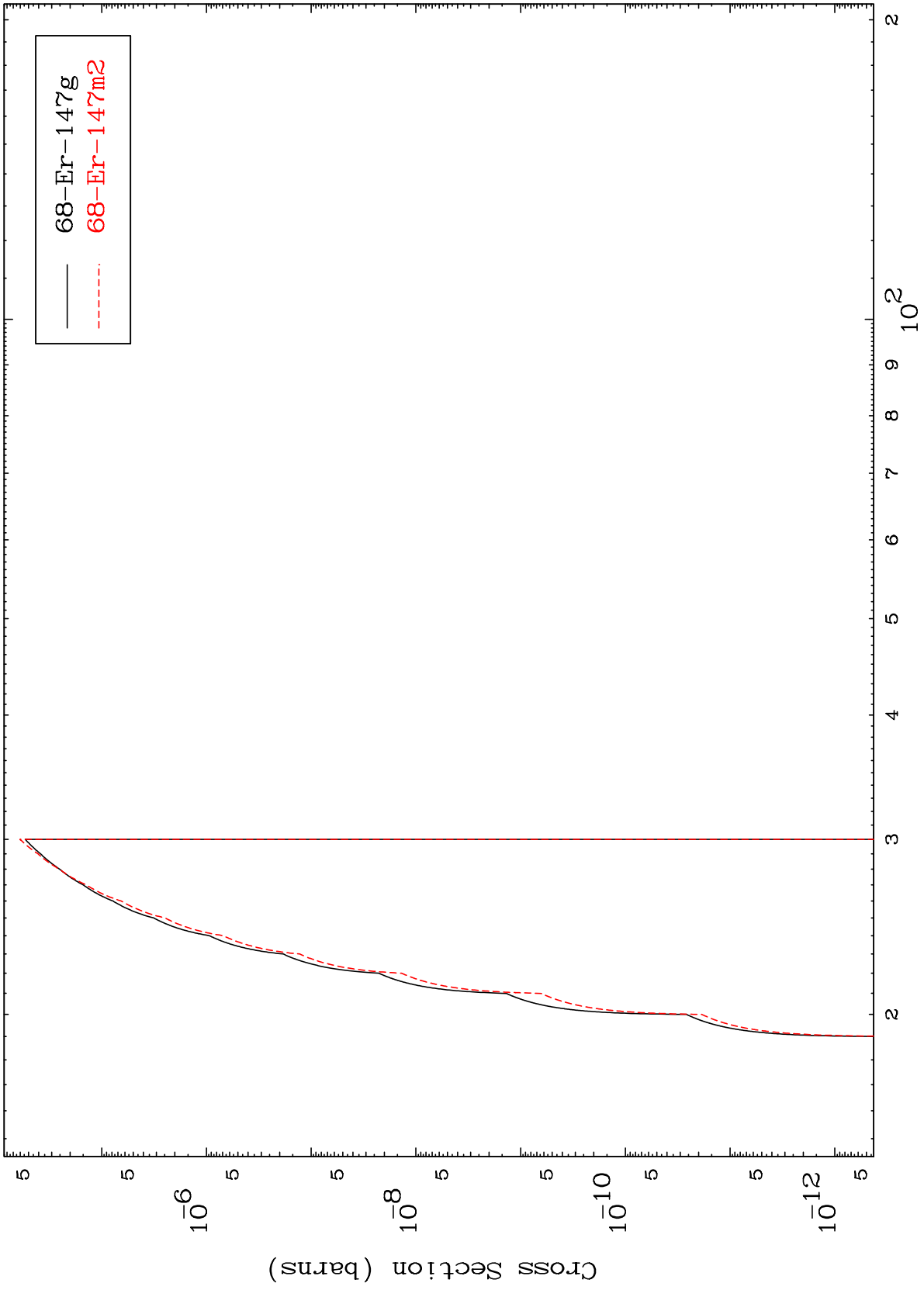
69-Tm-150

MAT 6868

(n,n') t

69-Tm-150

Radionuclide Production Cross Section



88

Incident Energy (MeV)

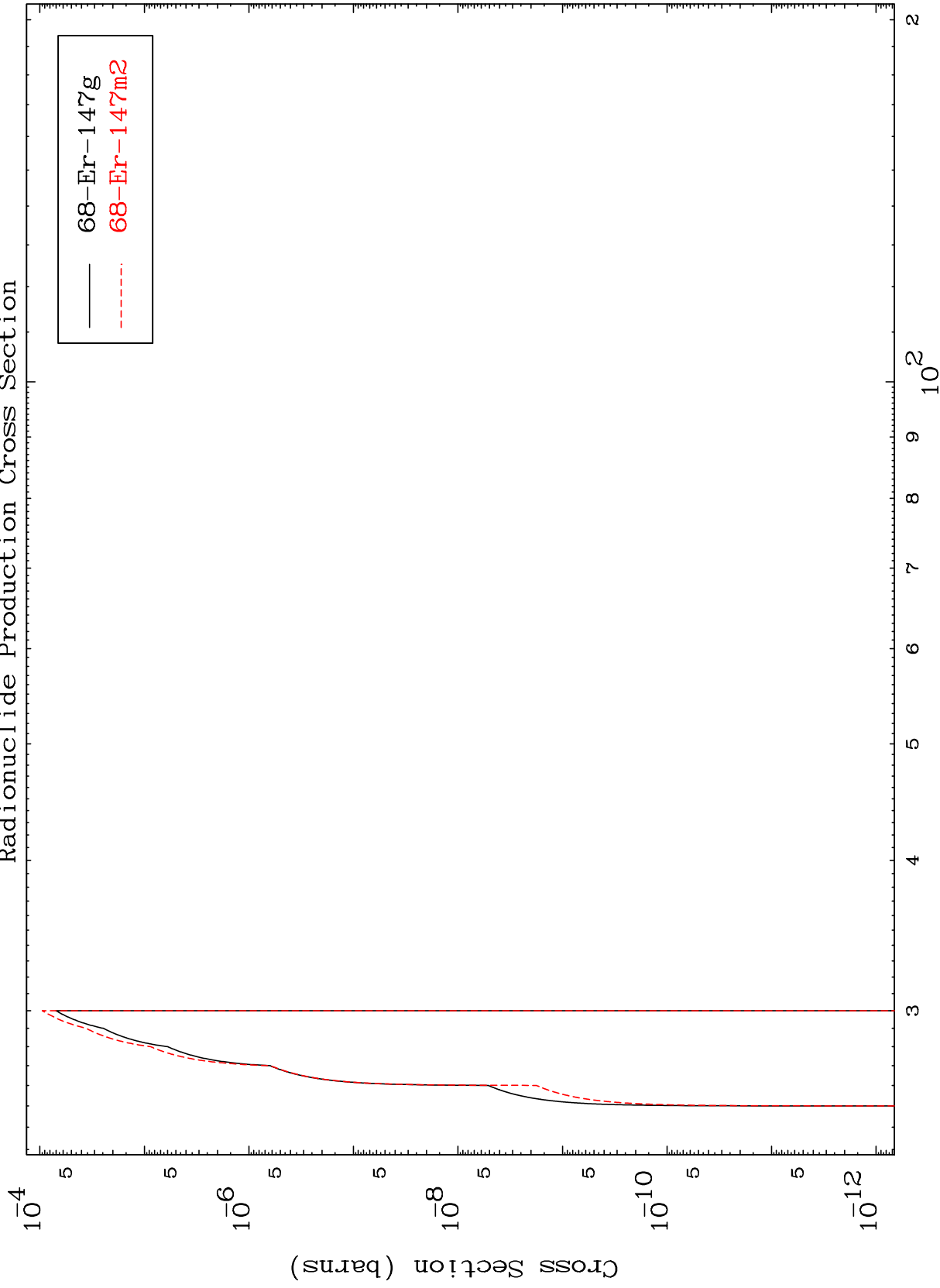
69-Tm-150

MAT 6868

(n,3n) p

69-Tm-150

Radionuclide Production Cross Section



89

Incident Energy (MeV)

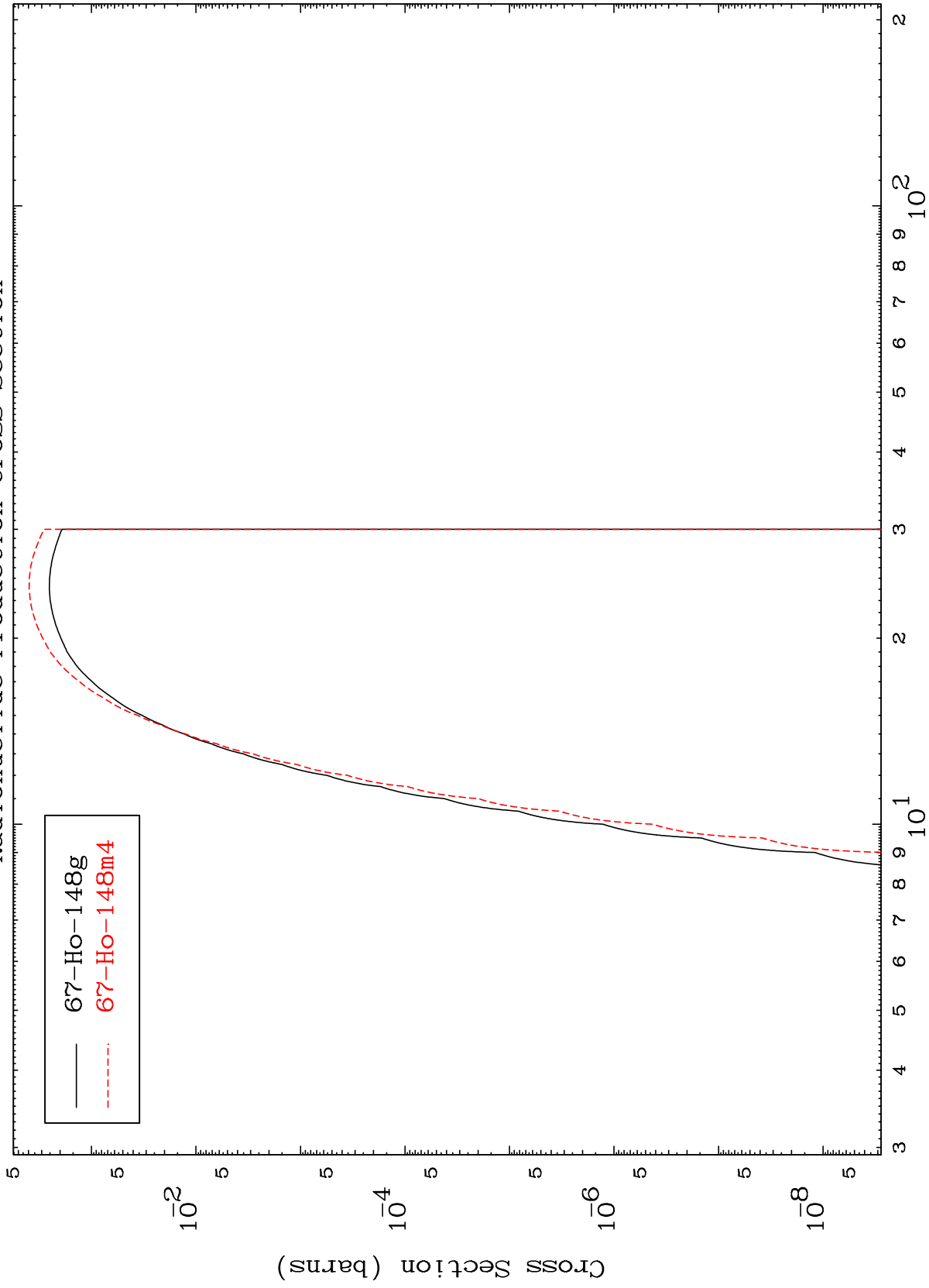
69-Tm-150

MAT 6868

(n,2n) p

69-Tm-150

Radionuclide Production Cross Section



90

Incident Energy (MeV)

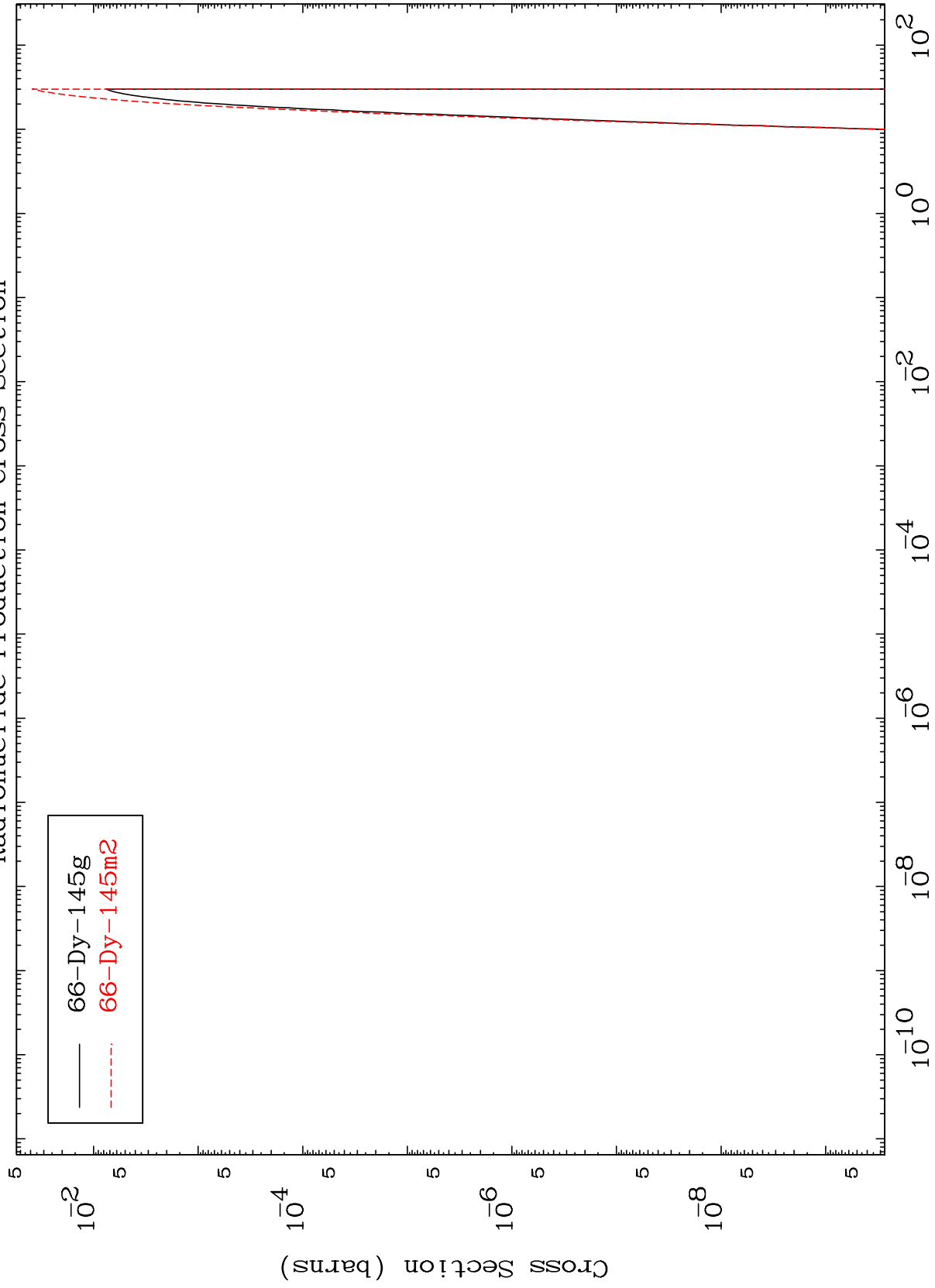
69-Tm-150

MAT 6868

(n,n') p α

69-Tm-150

Radionuclide Production Cross Section

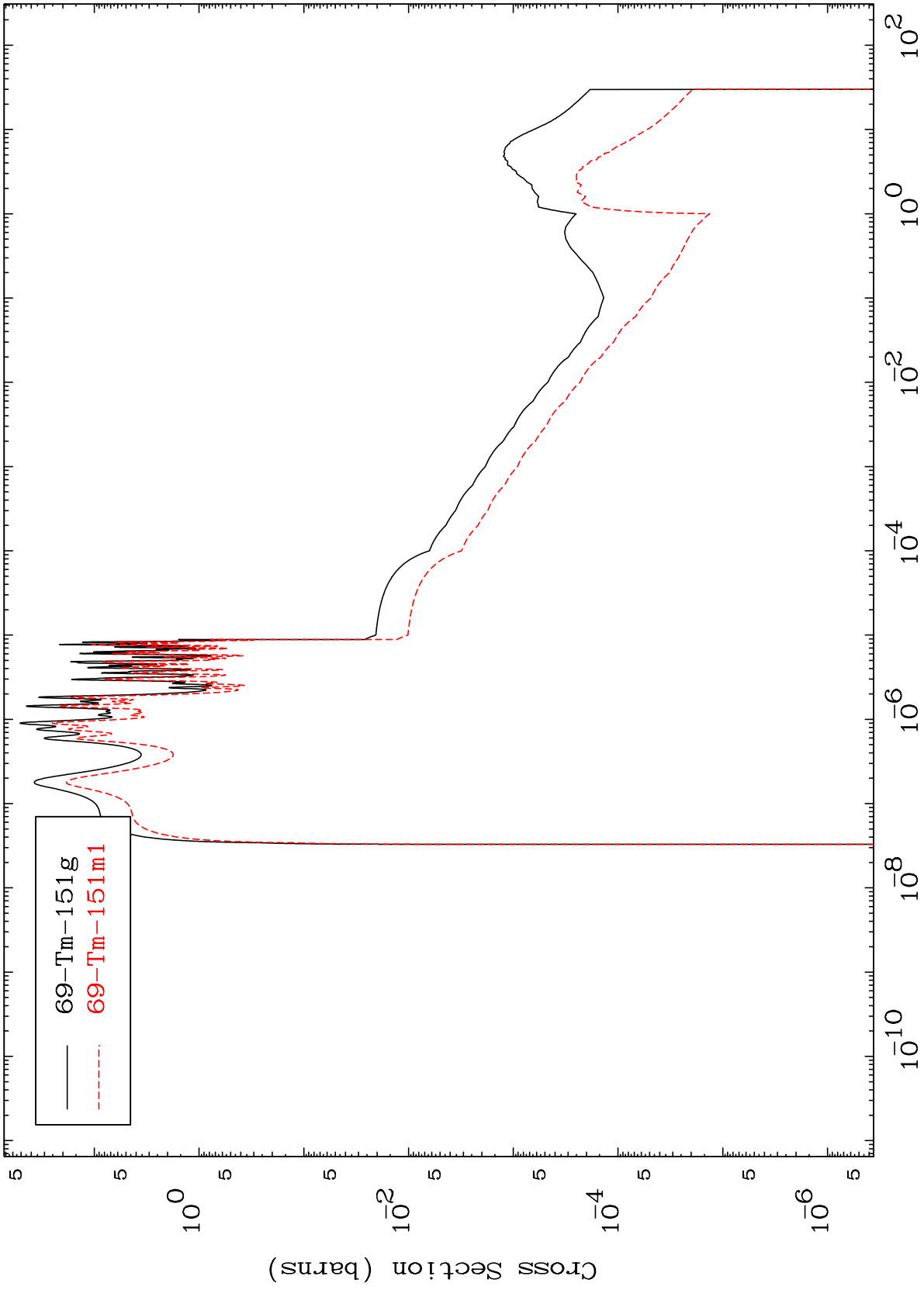


66-Dy-145g
66-Dy-145m2

MAT 6868

69-Tm-150

Radionuclide Production Cross Section (n,γ)



92

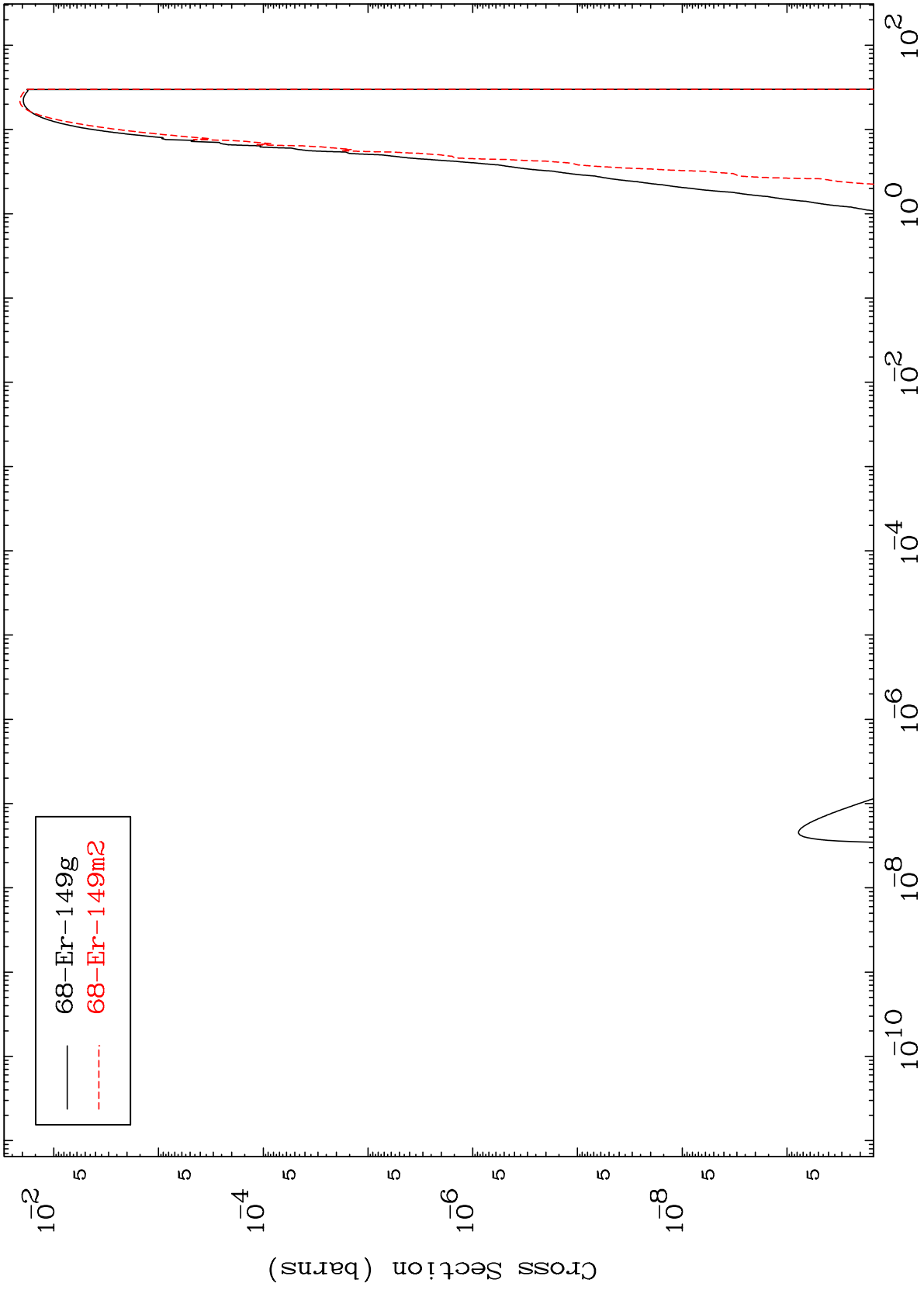
69-Tm-150

MAT 6868

(n,d)

69-Tm-150

Radionuclide Production Cross Section



93

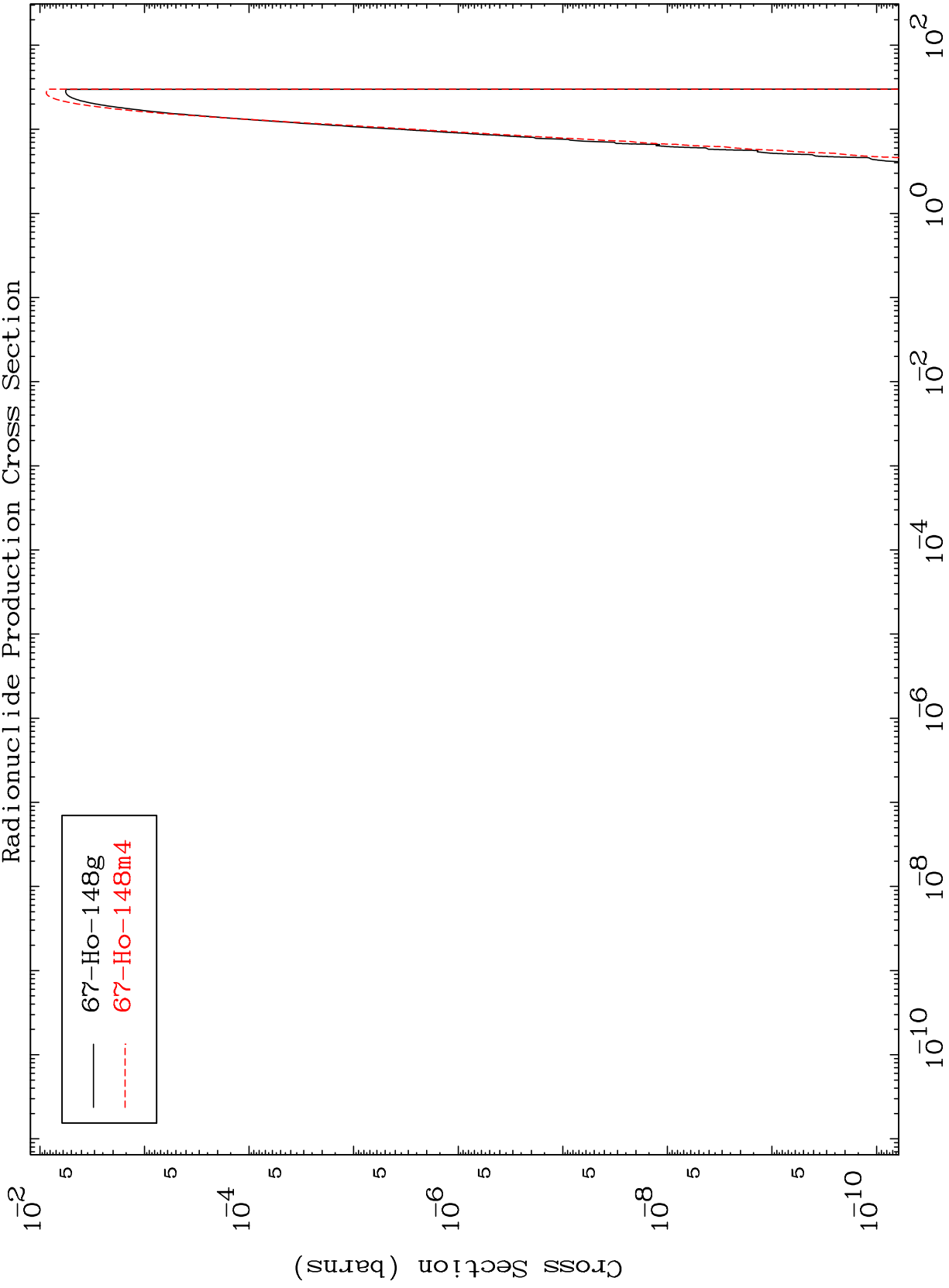
69-Tm-150

MAT 6868

(n, He-3)

69-Tm-150

Radionuclide Production Cross Section



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

94

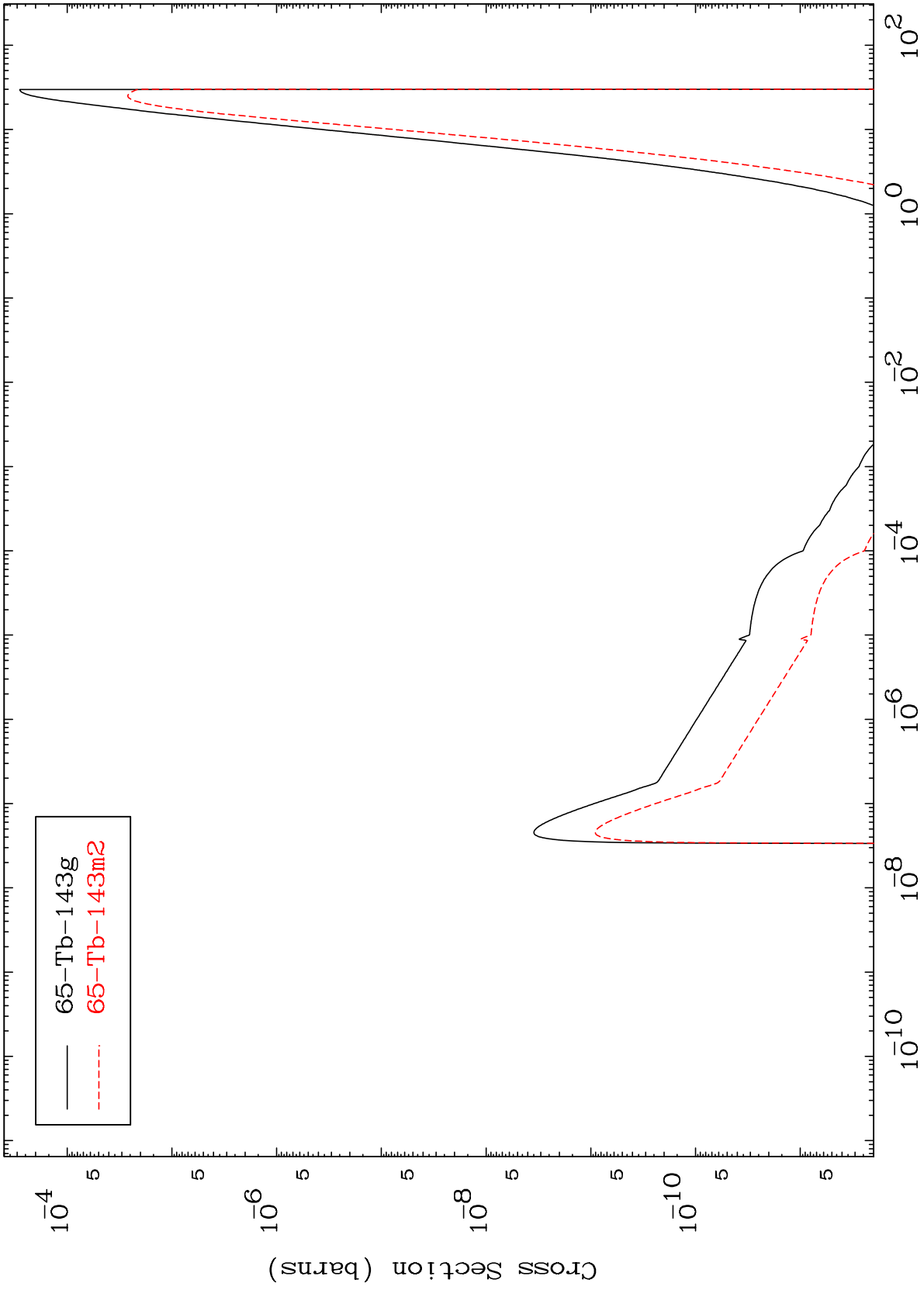
Incident Energy (MeV)

69-Tm-150

MAT 6868

Radionuclide Production Cross Section
(n,2α)

69-Tm-150



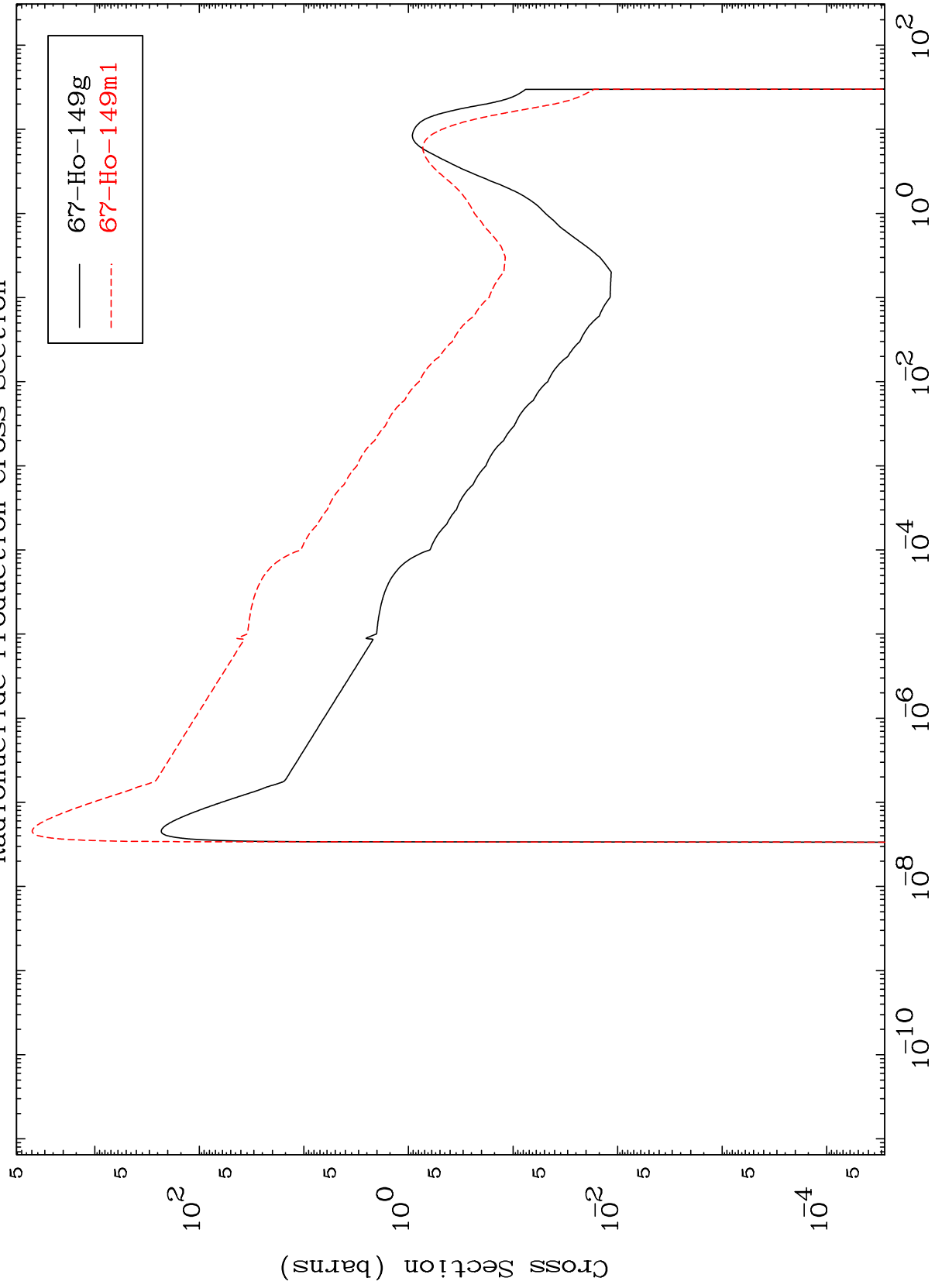
95

69-Tm-150

MAT 6868

69-Tm-150

(n,2p)
Radionuclide Production Cross Section



96

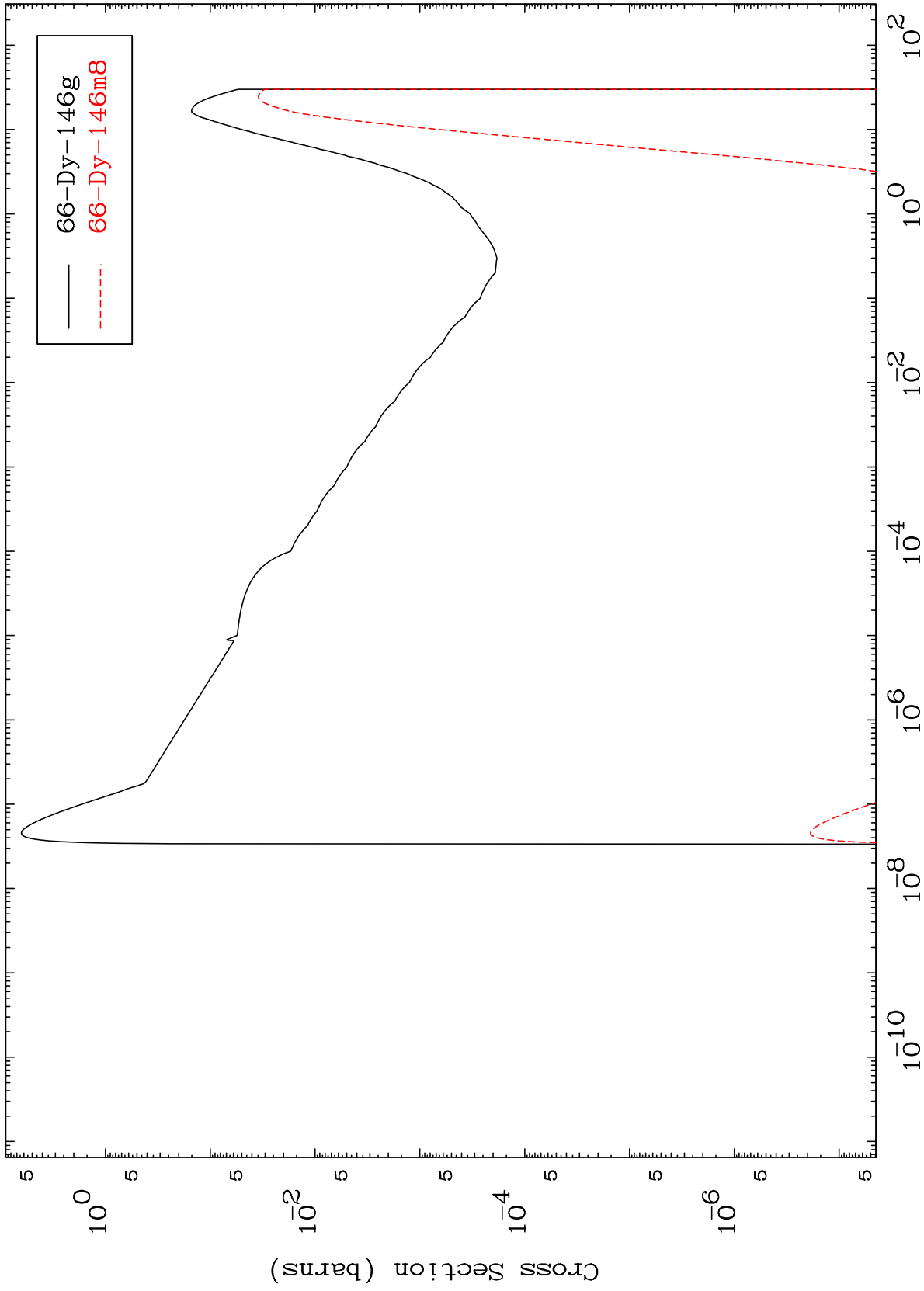
69-Tm-150

MAT 6868

(n,p) α

69-Tm-150

Radionuclide Production Cross Section



97

Incident Energy (MeV)

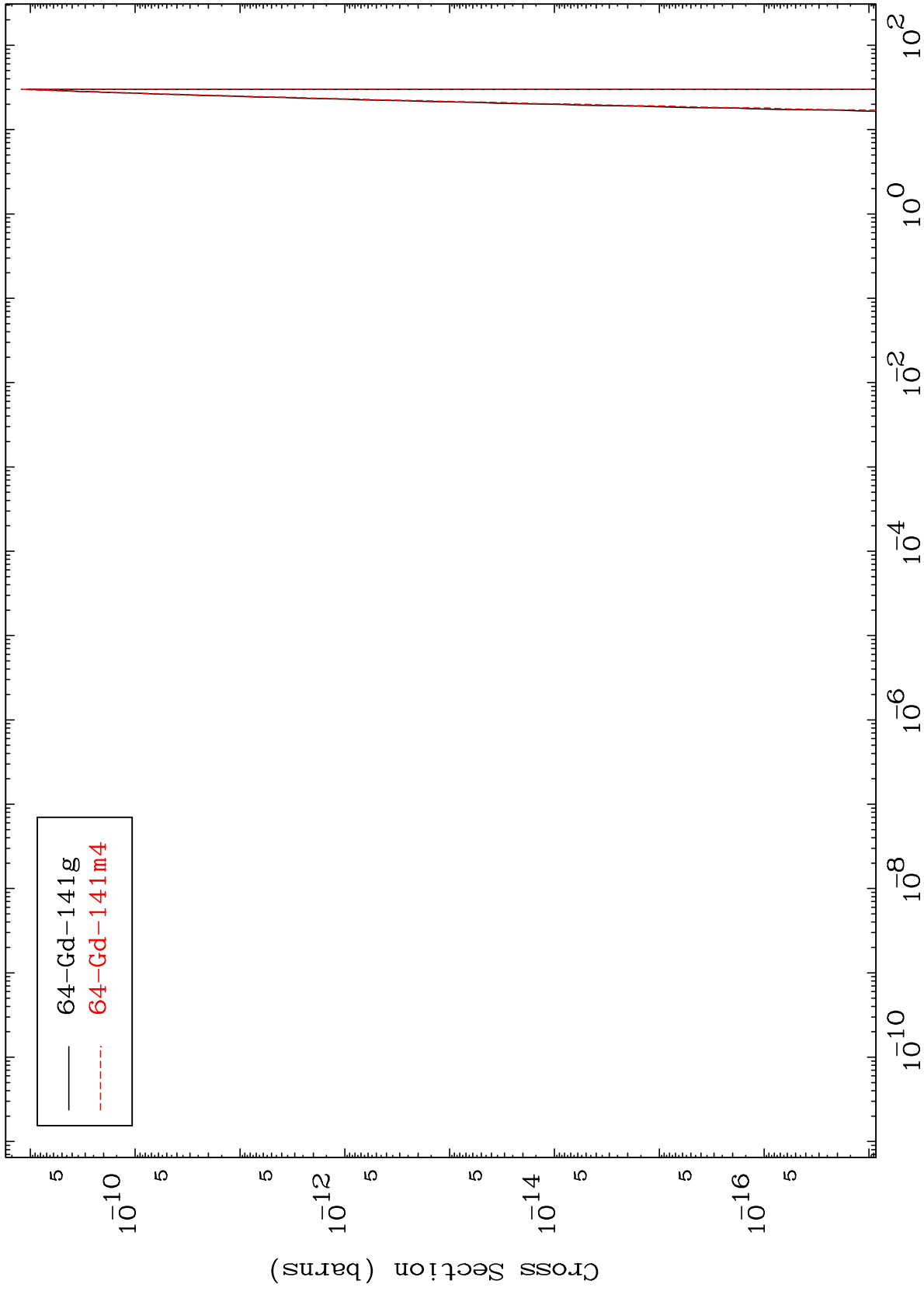
69-Tm-150

MAT 6868

(n,d) 2α

69-Tm-150

Radionuclide Production Cross Section



98

Incident Energy (MeV)

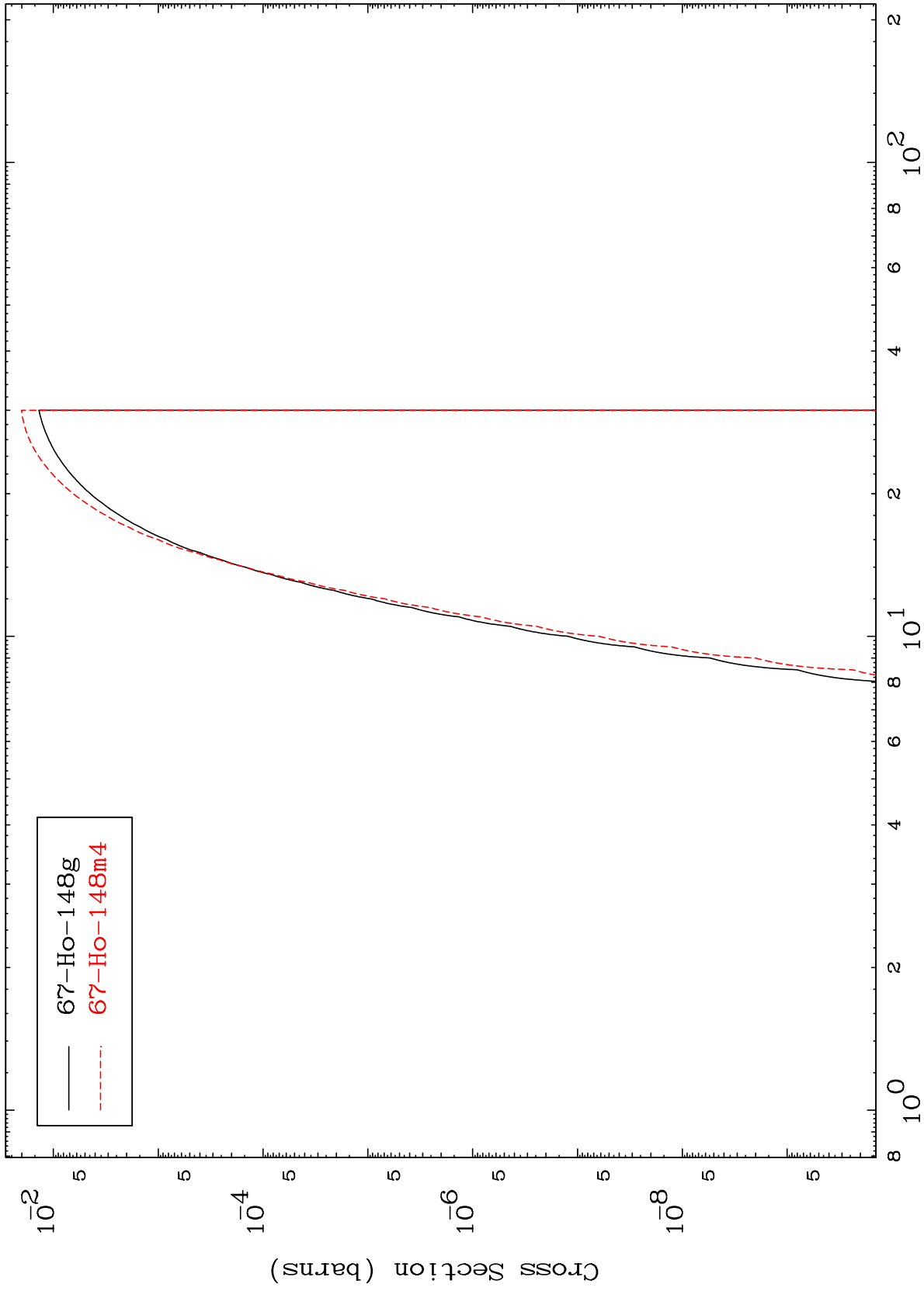
69-Tm-150

MAT 6868

(n,p) d

69-Tm-150

Radionuclide Production Cross Section



99

Incident Energy (MeV)

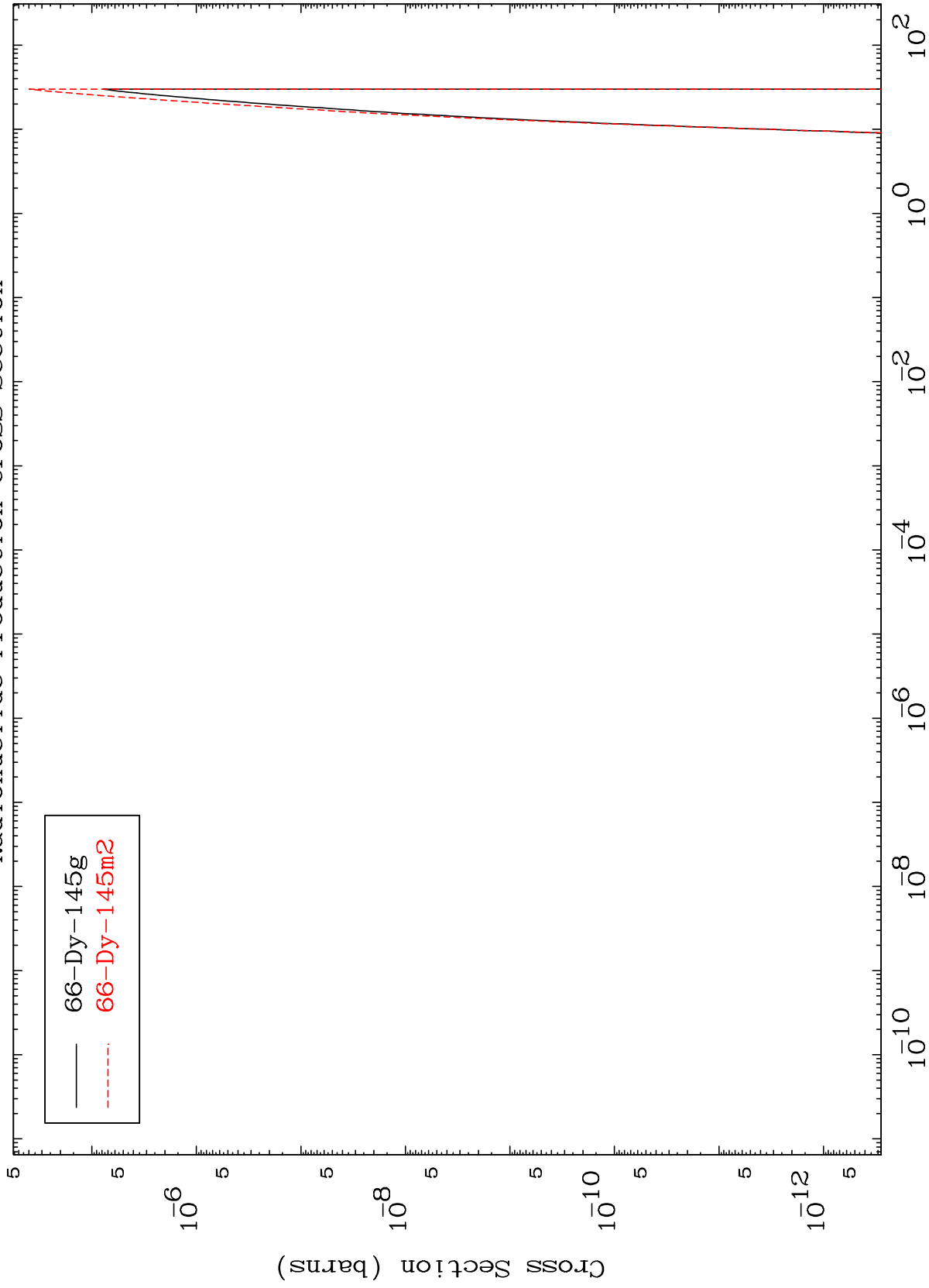
69-Tm-150

MAT 6868

(n,d) α

69-Tm-150

Radionuclide Production Cross Section



100

Incident Energy (MeV)

69-Tm-150