

Program EVALPLOT  
(Version 2018-1)

by

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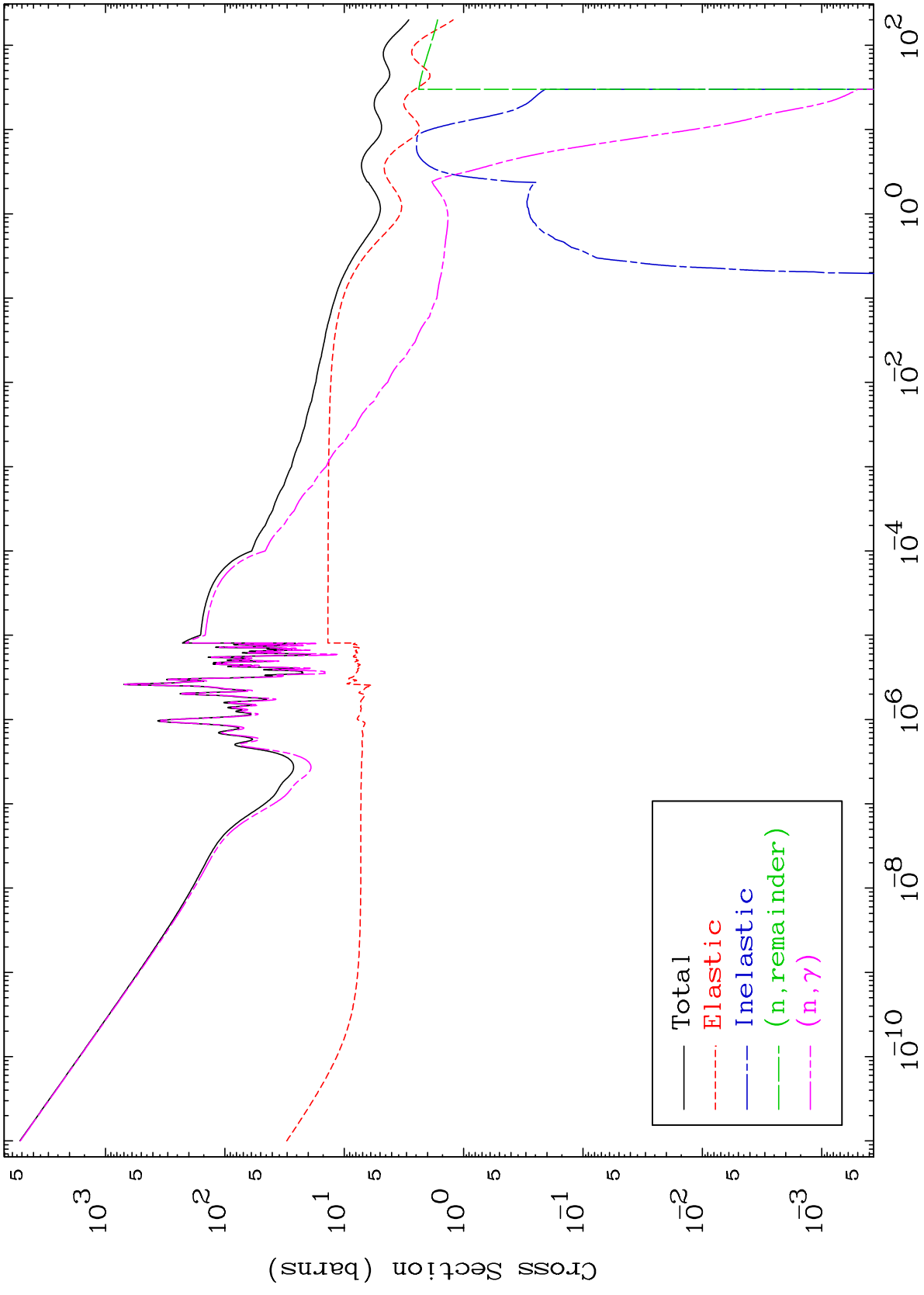
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8098

Major  
293 Kelvin Cross Sections

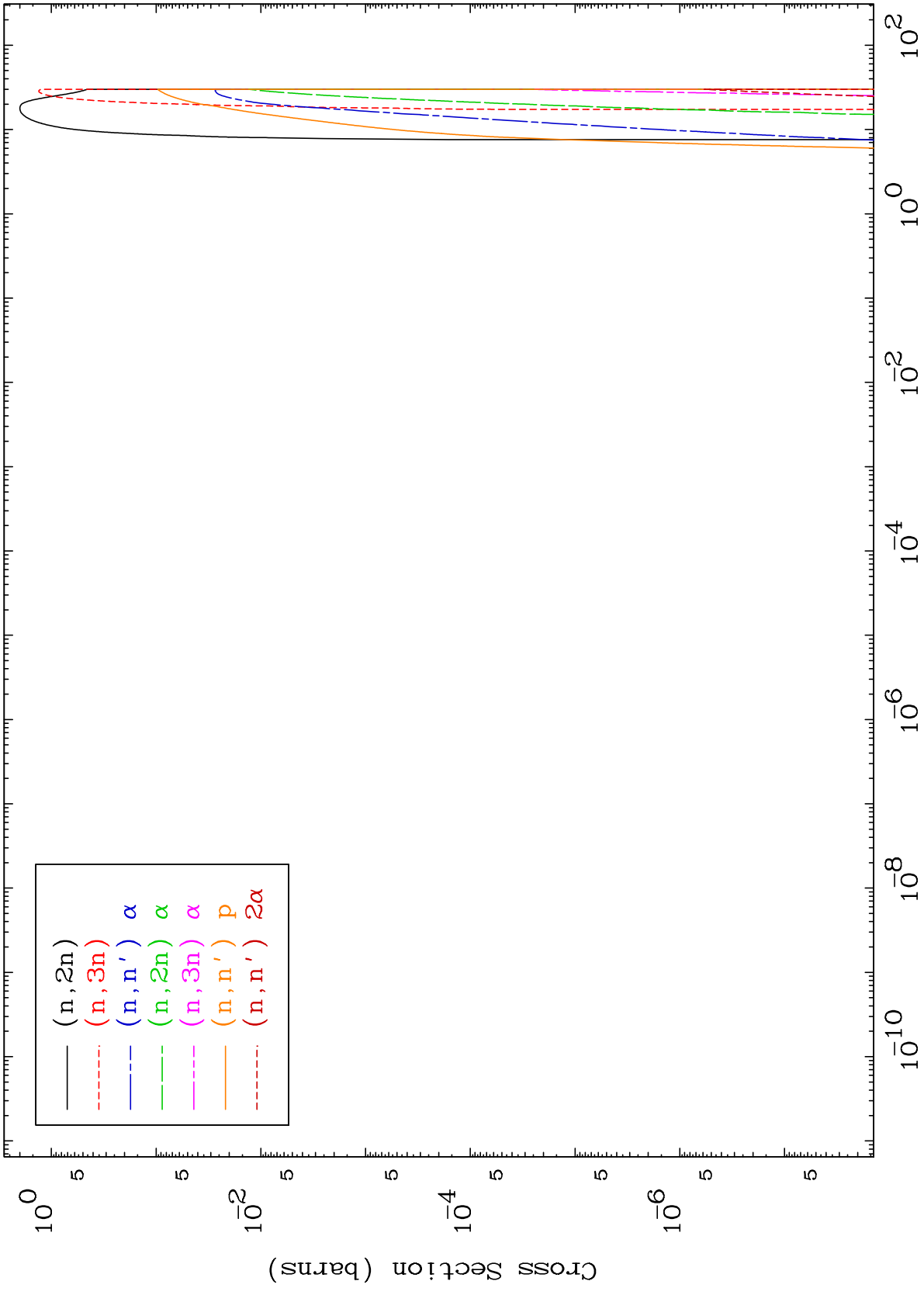
81-Tl-194



MAT 8098

Neutron Production  
293 Kelvin Cross Sections

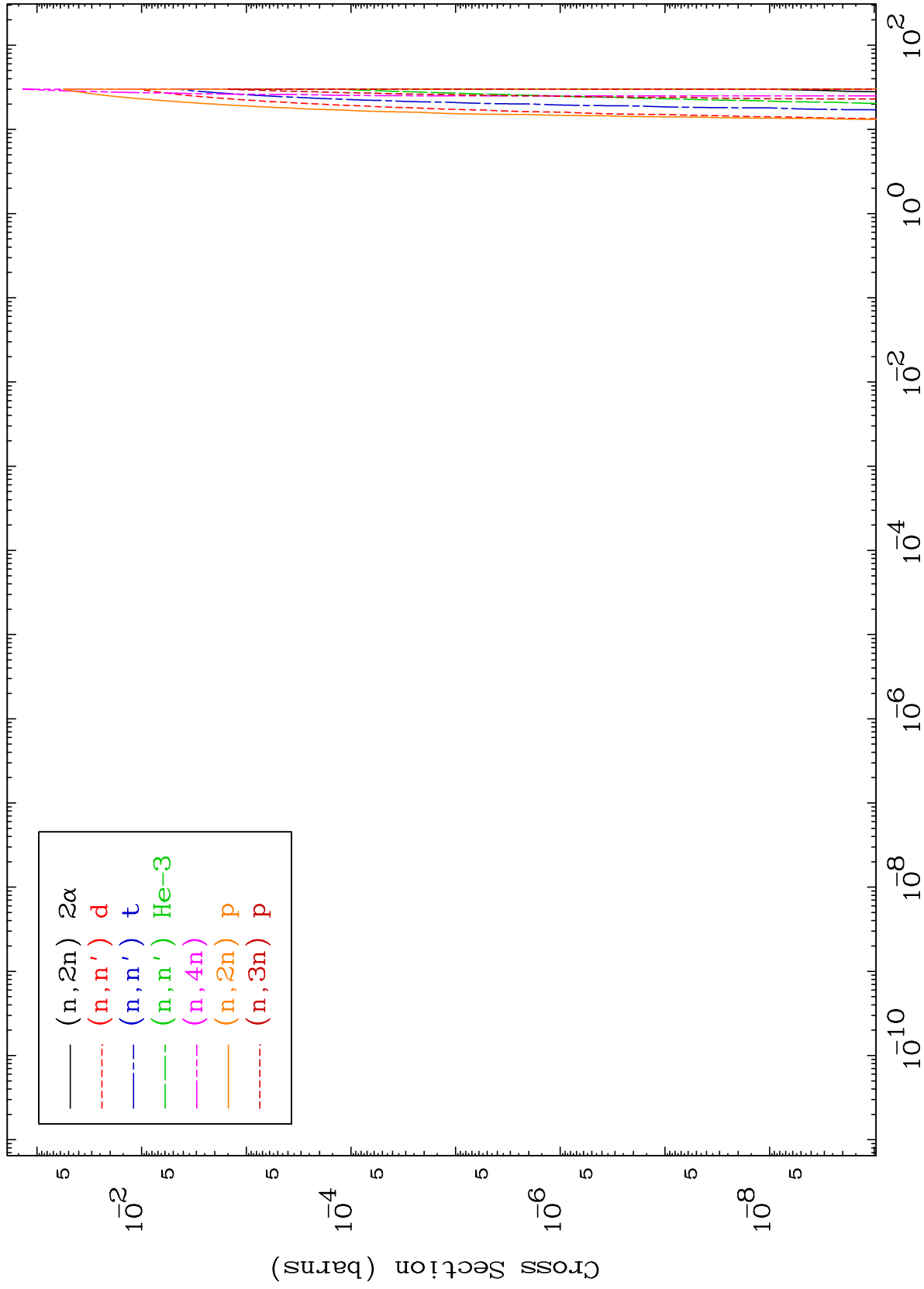
81-Tl-194



MAT 8098

Neutron Production  
293 Kelvin Cross Sections

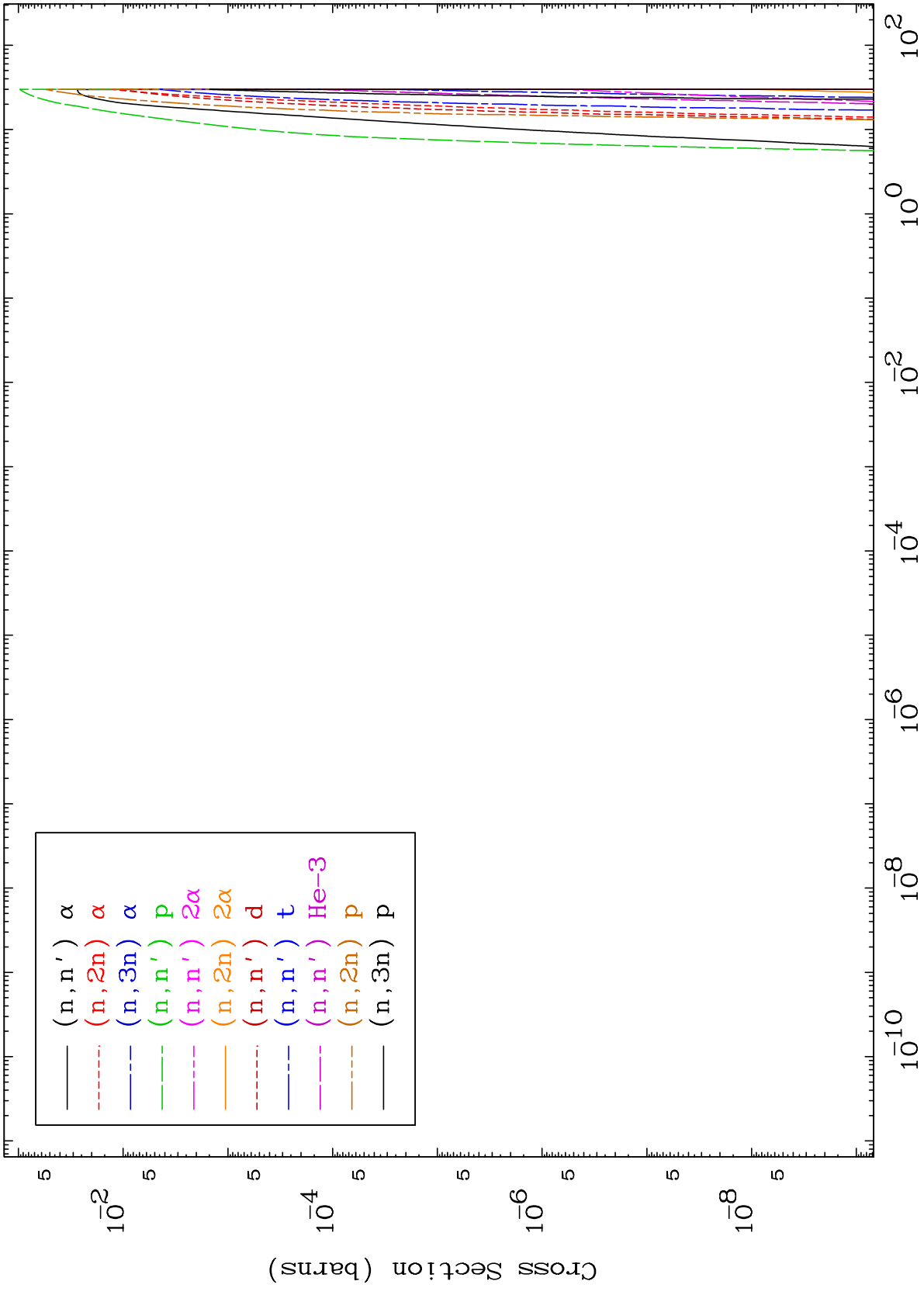
81-Tl-194



MAT 8098

293 Kelvin Cross Sections

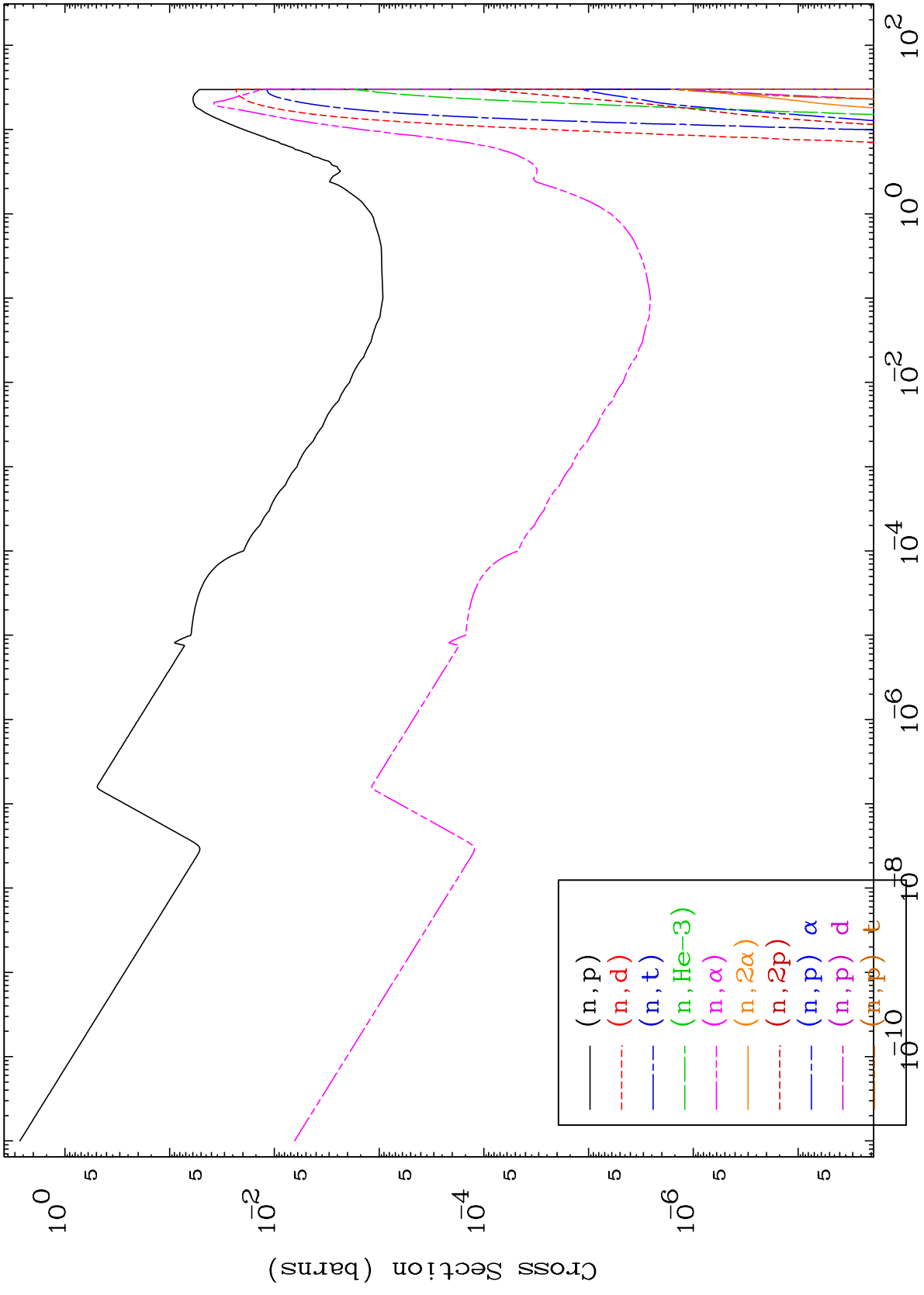
81-Tl-194



MAT 8098

293 Kelvin Cross Sections

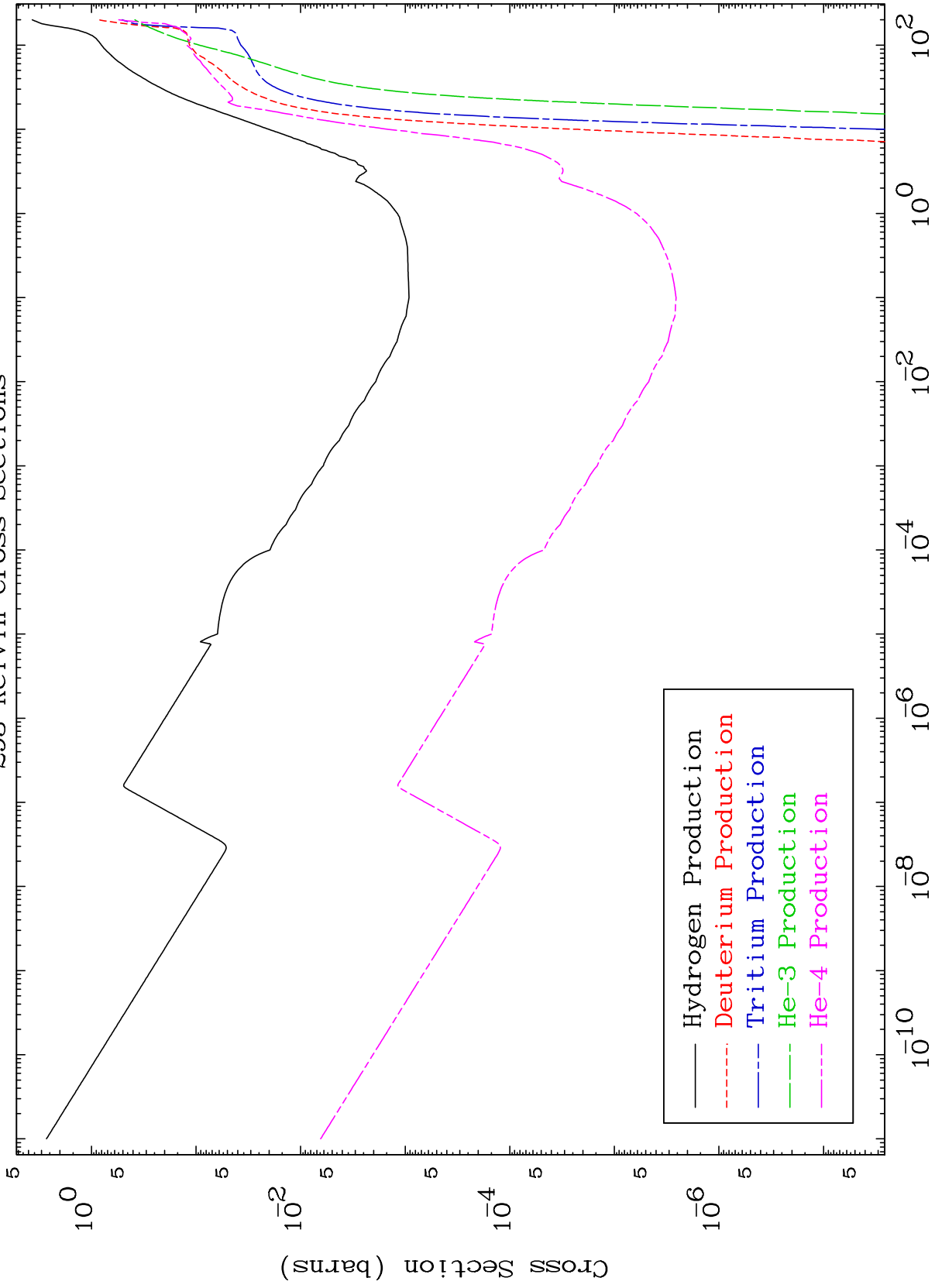
81-Tl-194



MAT 8098

Particle Production  
293 Kelvin Cross Sections

81-T1-194



6

Incident Energy (MeV)

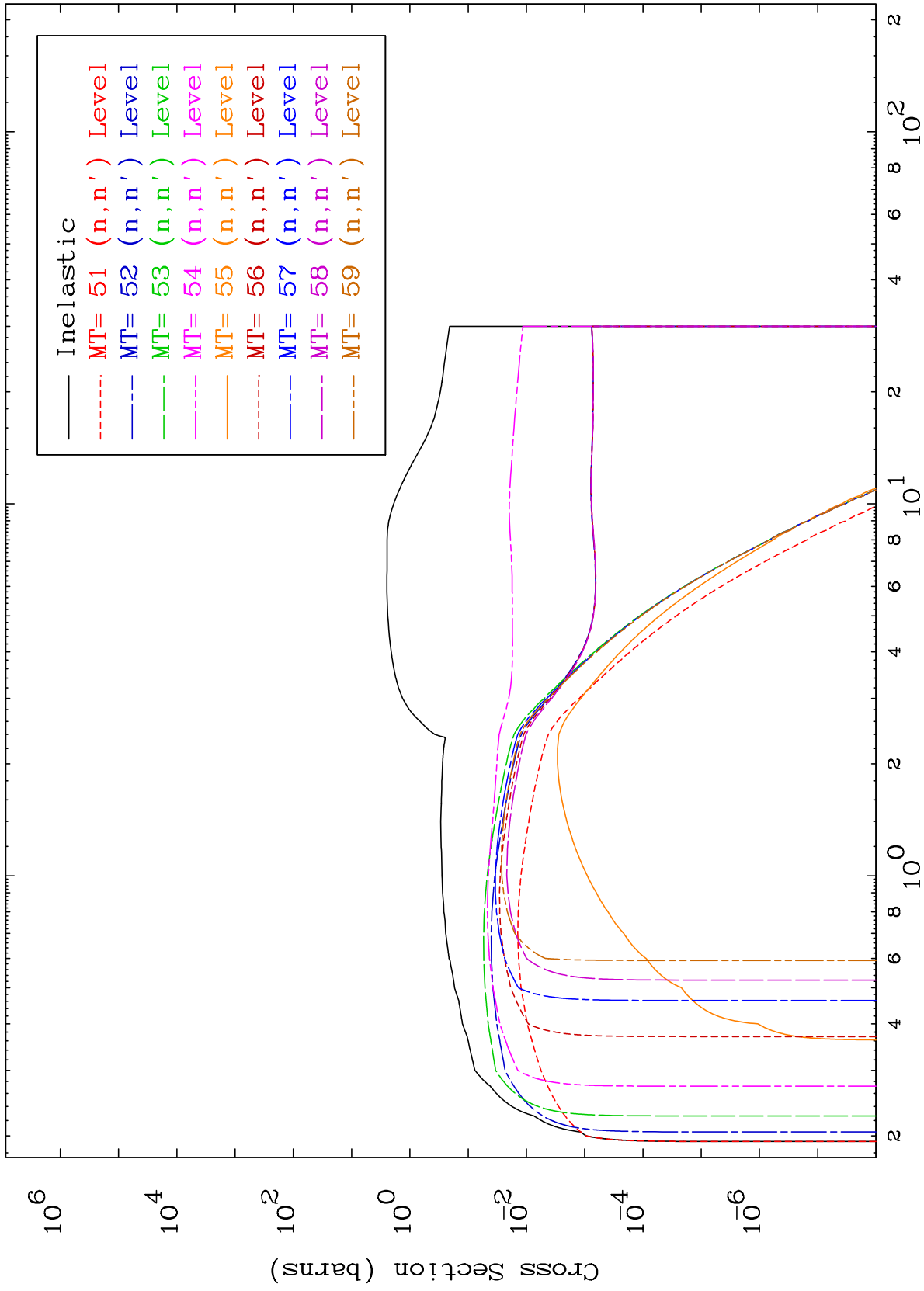
81-T1-194

MAT 8098

(n,n') Level

81-Tl-194

293 Kelvin Cross Sections



7

Incident Energy (MeV)

81-Tl-194

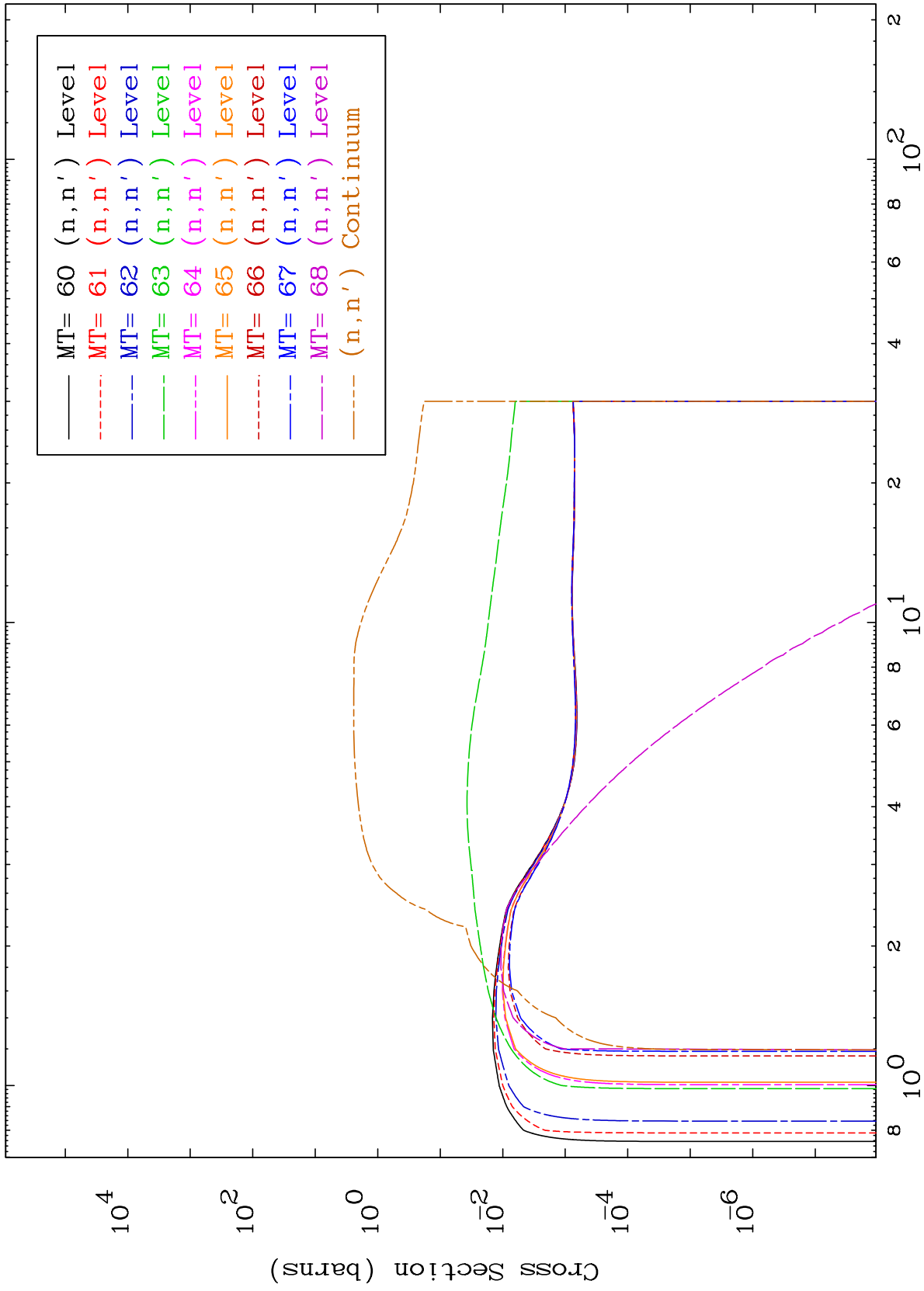


MAT 8098

(n,n') Level

81-Tl-194

293 Kelvin Cross Sections



8

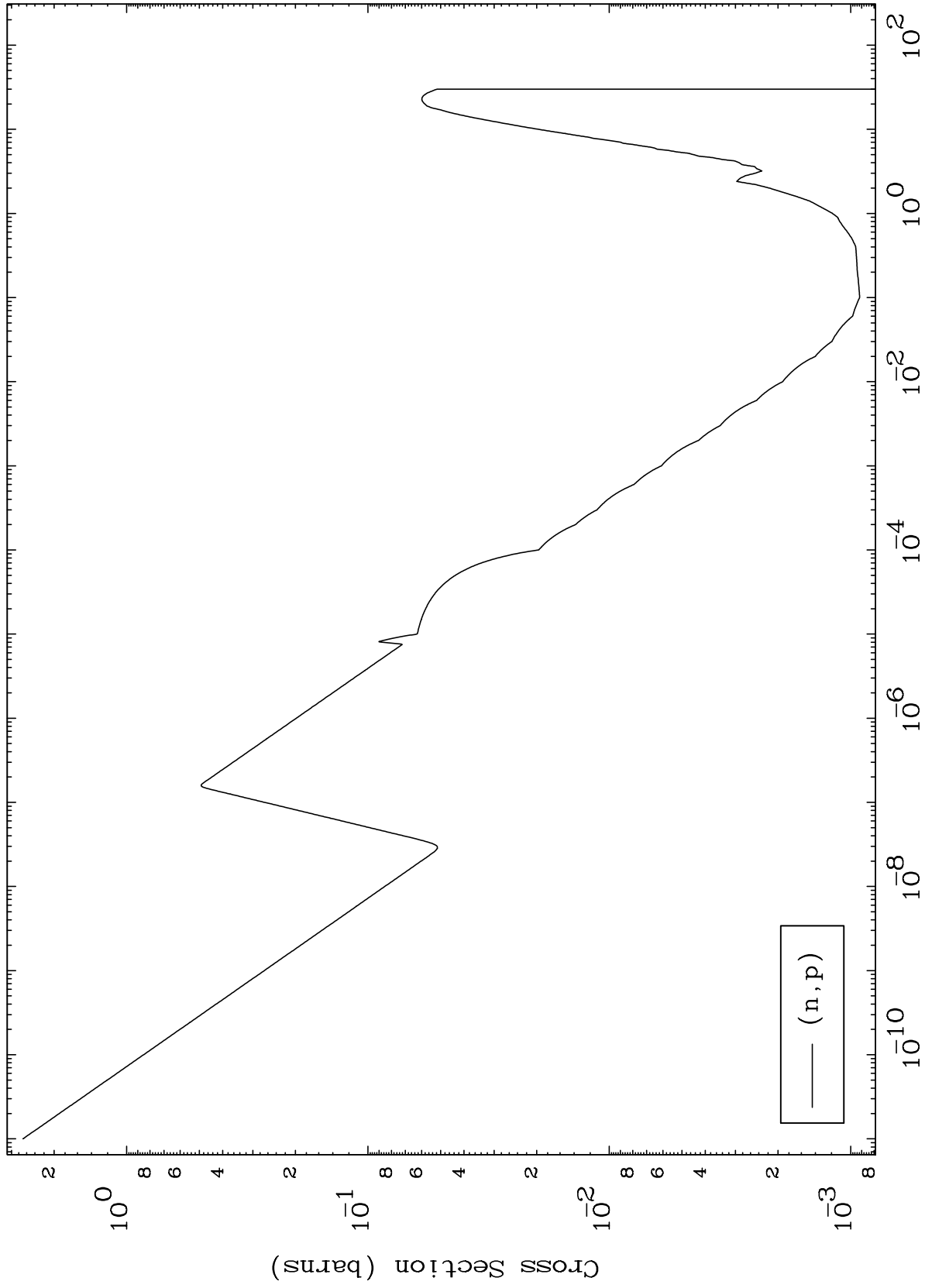
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,p) Levels  
293 Kelvin Cross Sections

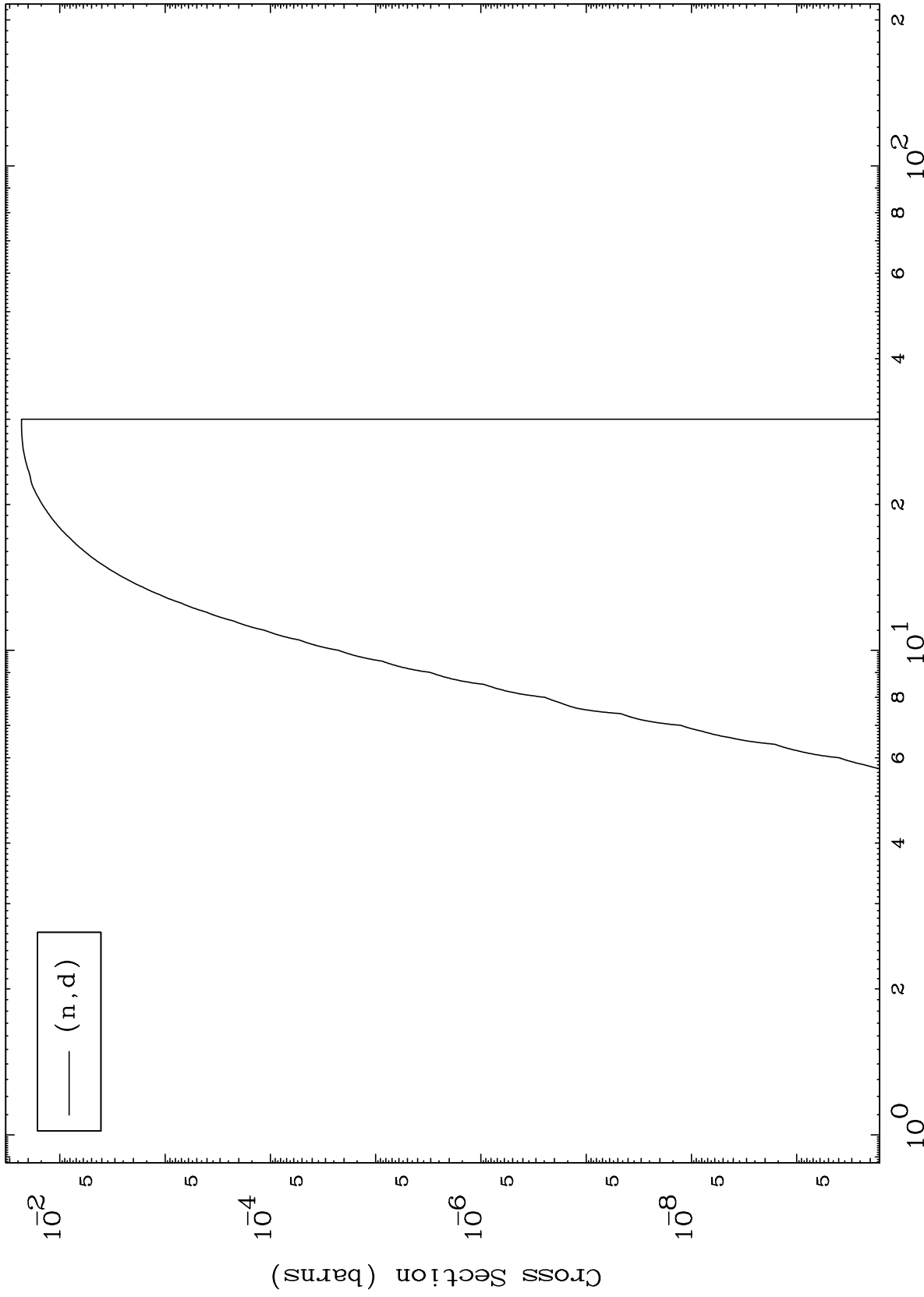
81-Tl-194



MAT 8098

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-194



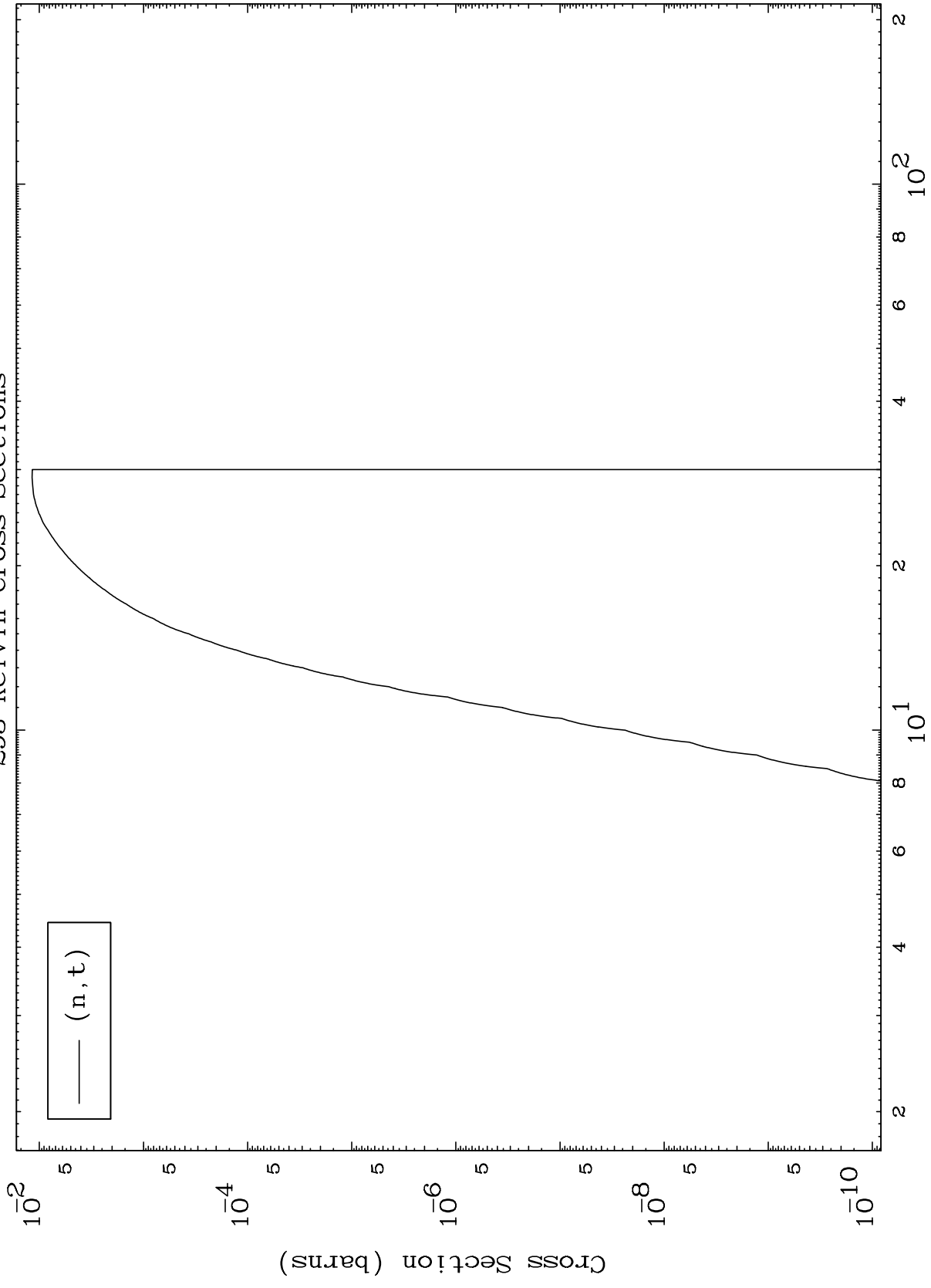
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-194



11

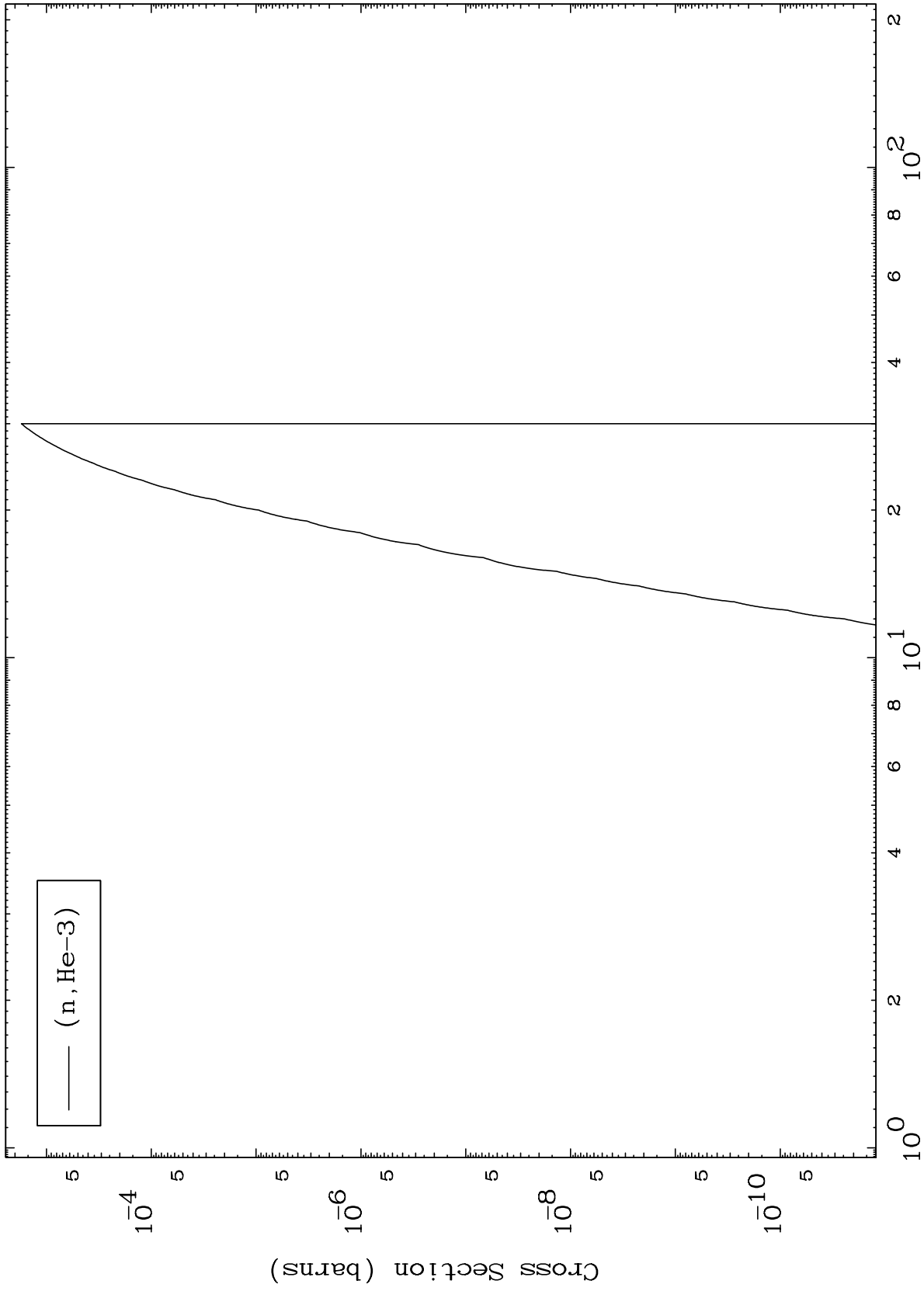
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-194



12

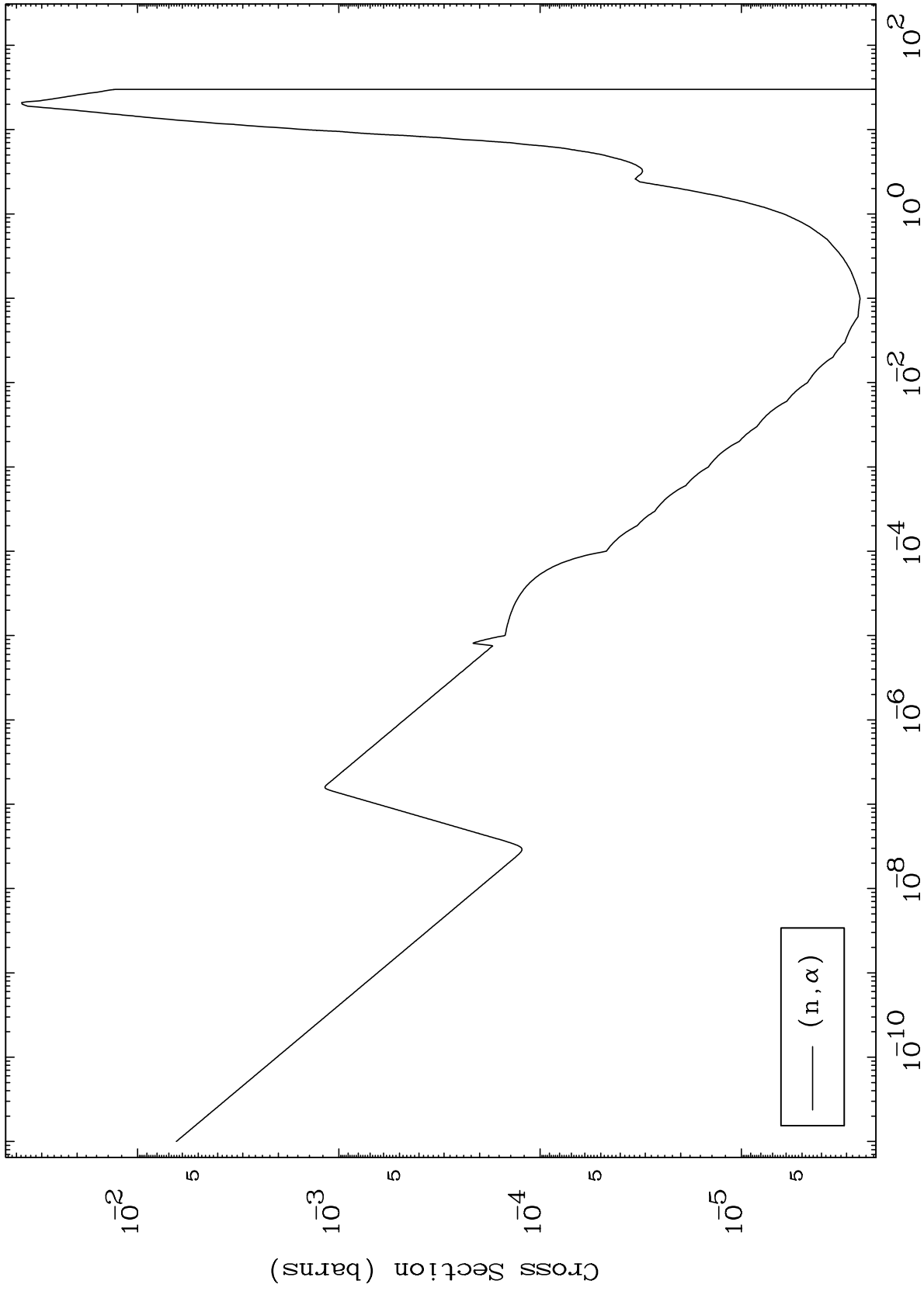
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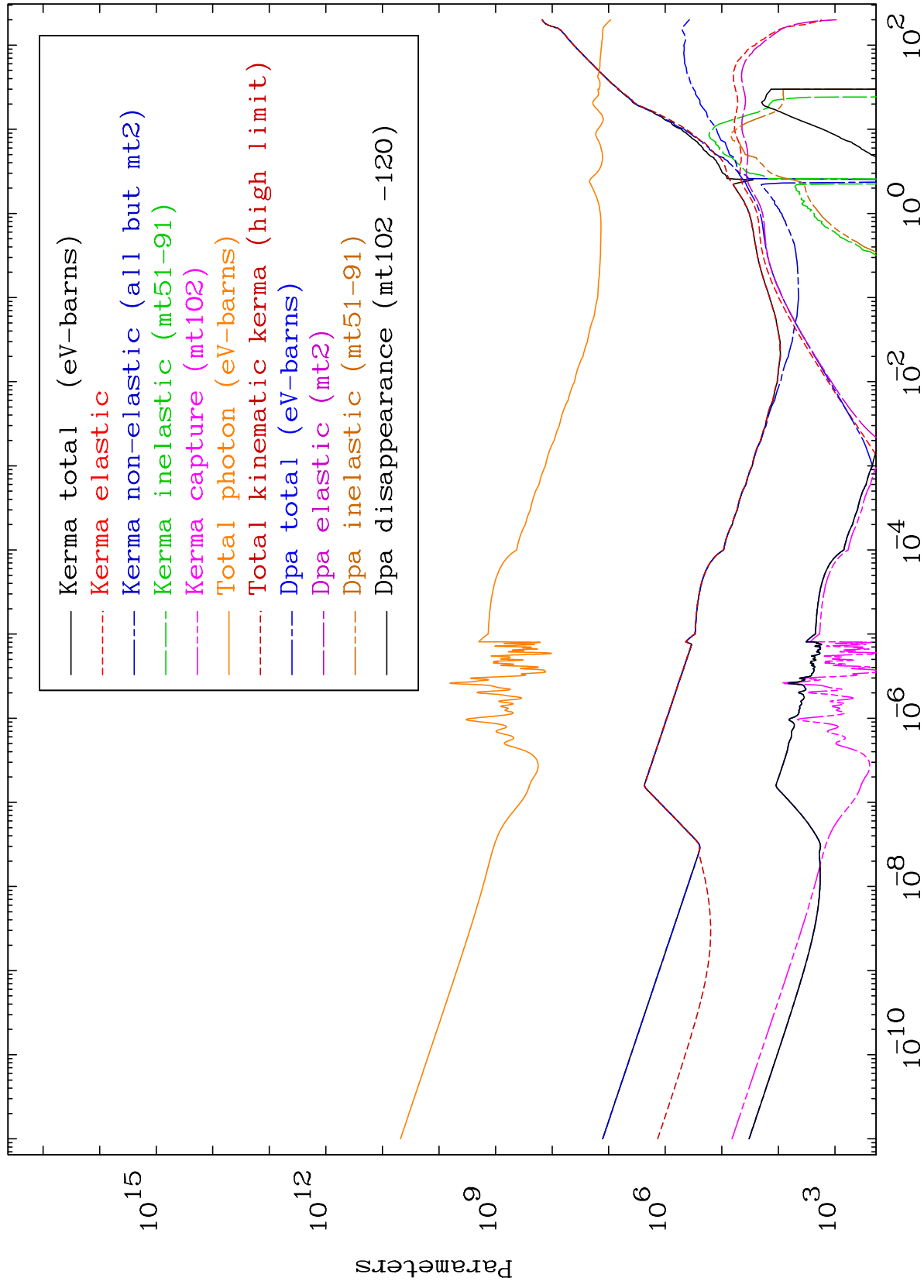
81-Tl-194

MAT 8098

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-194

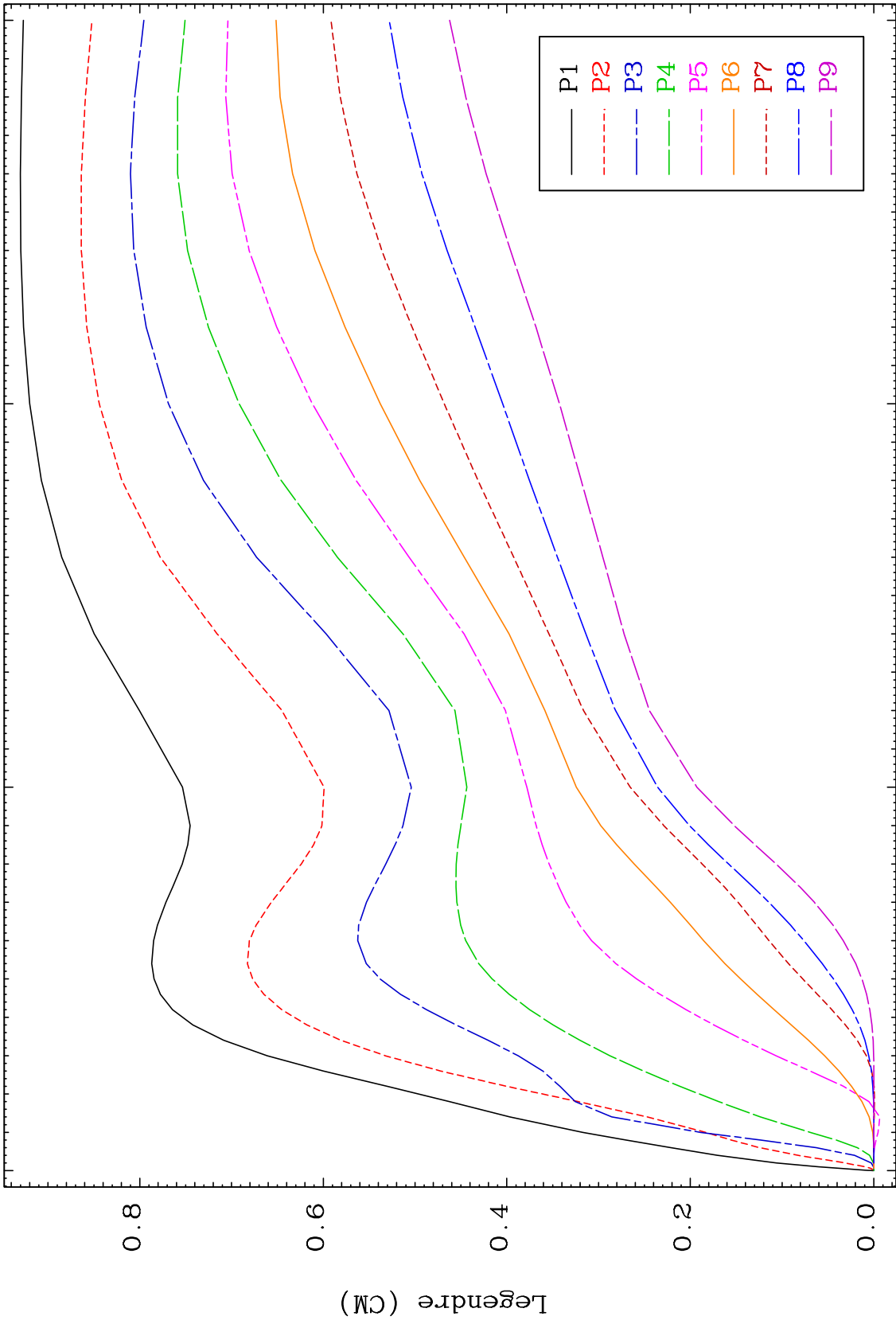




MAT 8098

Elastic Legendre Coefficients

81-T1-194



0

15

10

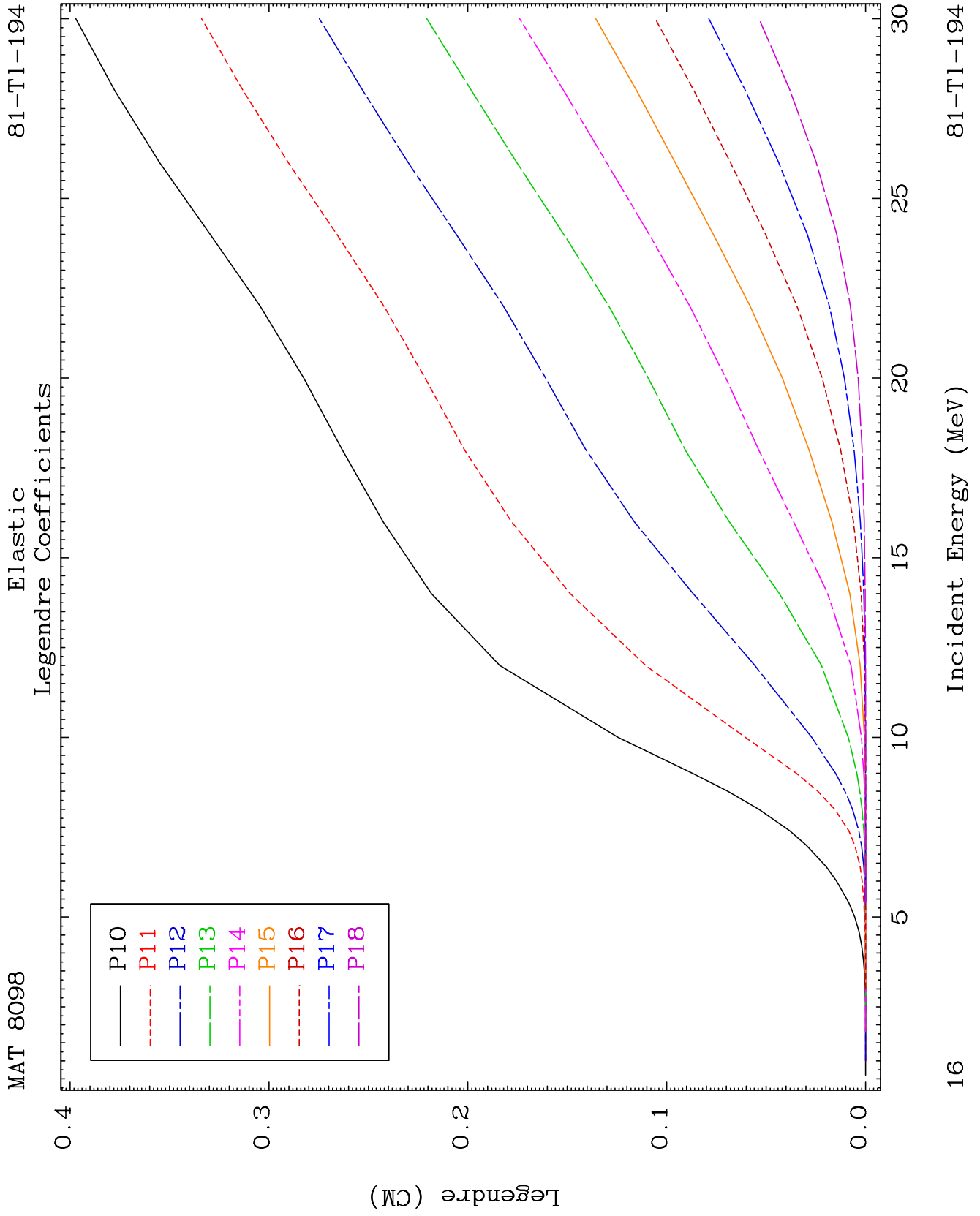
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Incident Energy (MeV)

81-T1-194

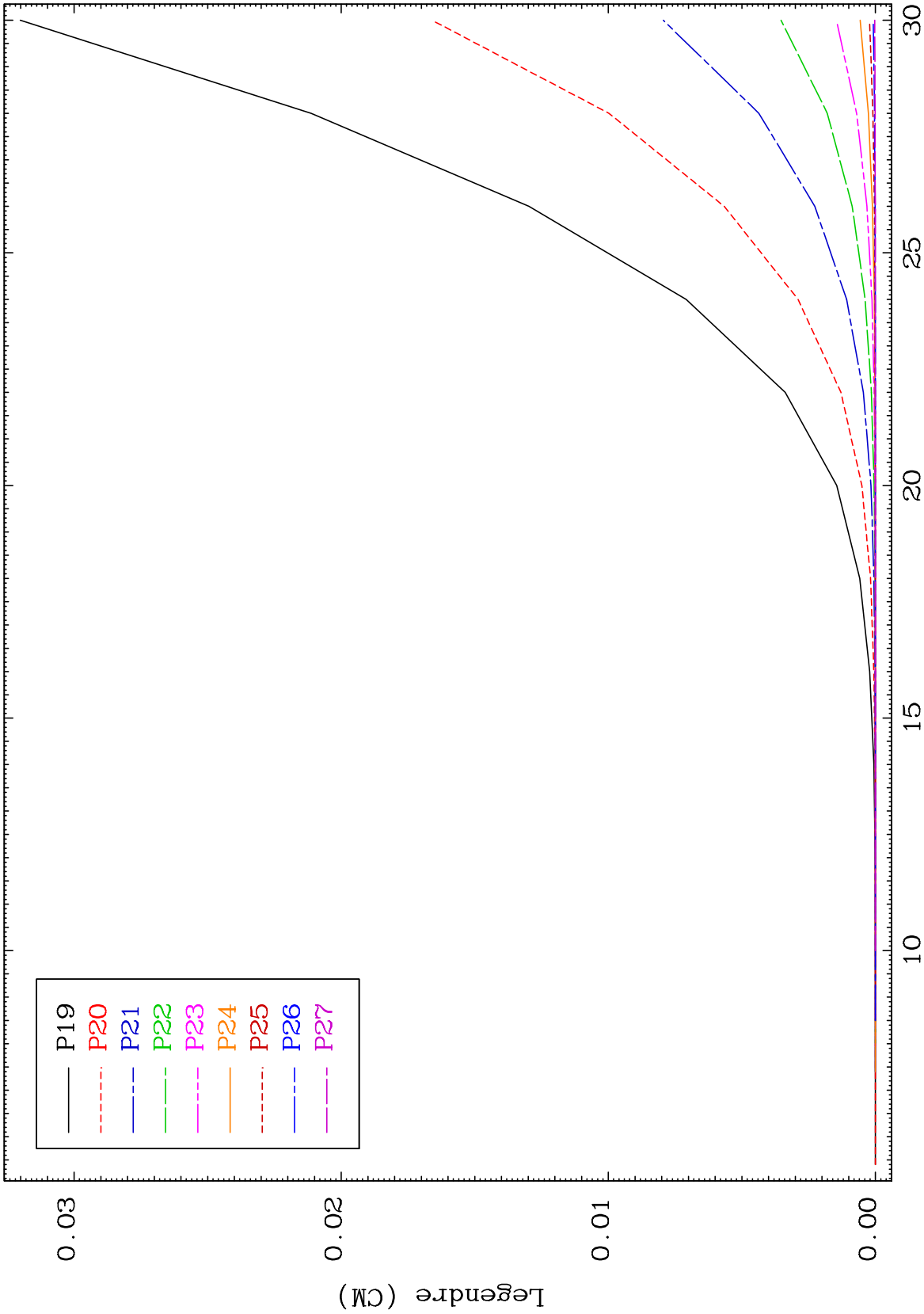




MAT 8098

### Elastic Legendre Coefficients

81-Tl-194



17

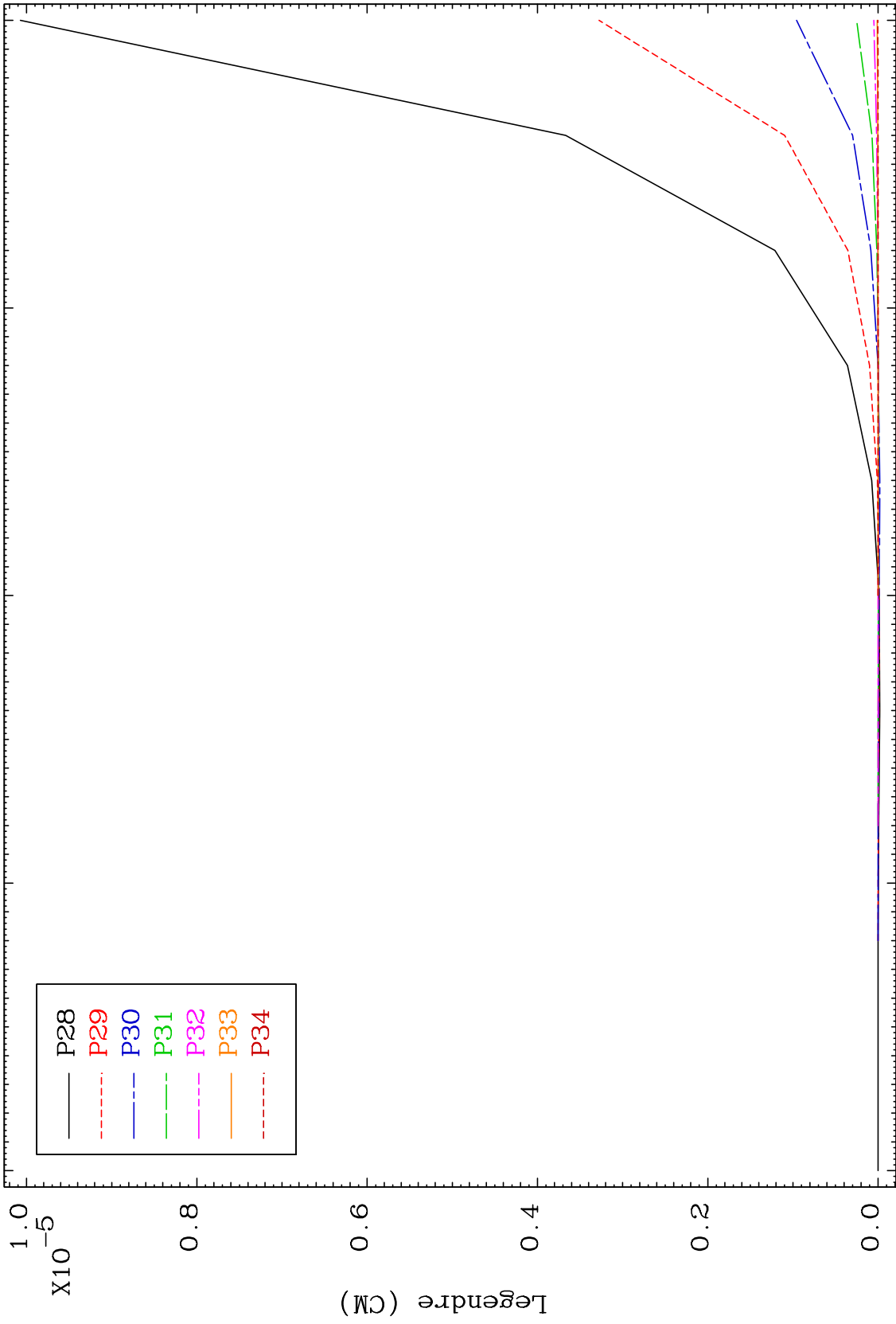
Incident Energy (MeV)

81-Tl-194

MAT 8098

Elastic Legendre Coefficients

81-Tl-194

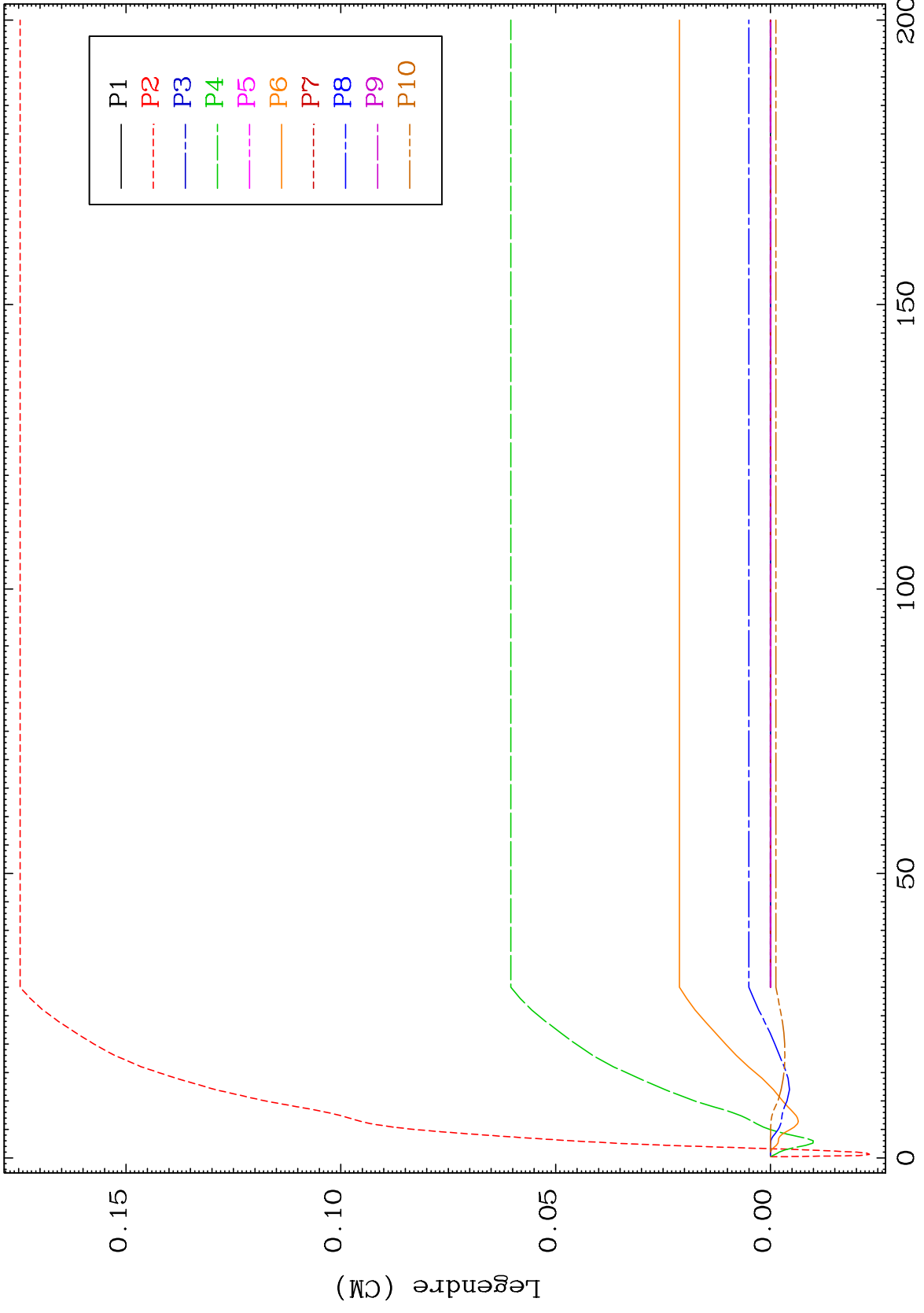


18

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 51 (n,n') Level Legendre Coefficients 81-T1-194

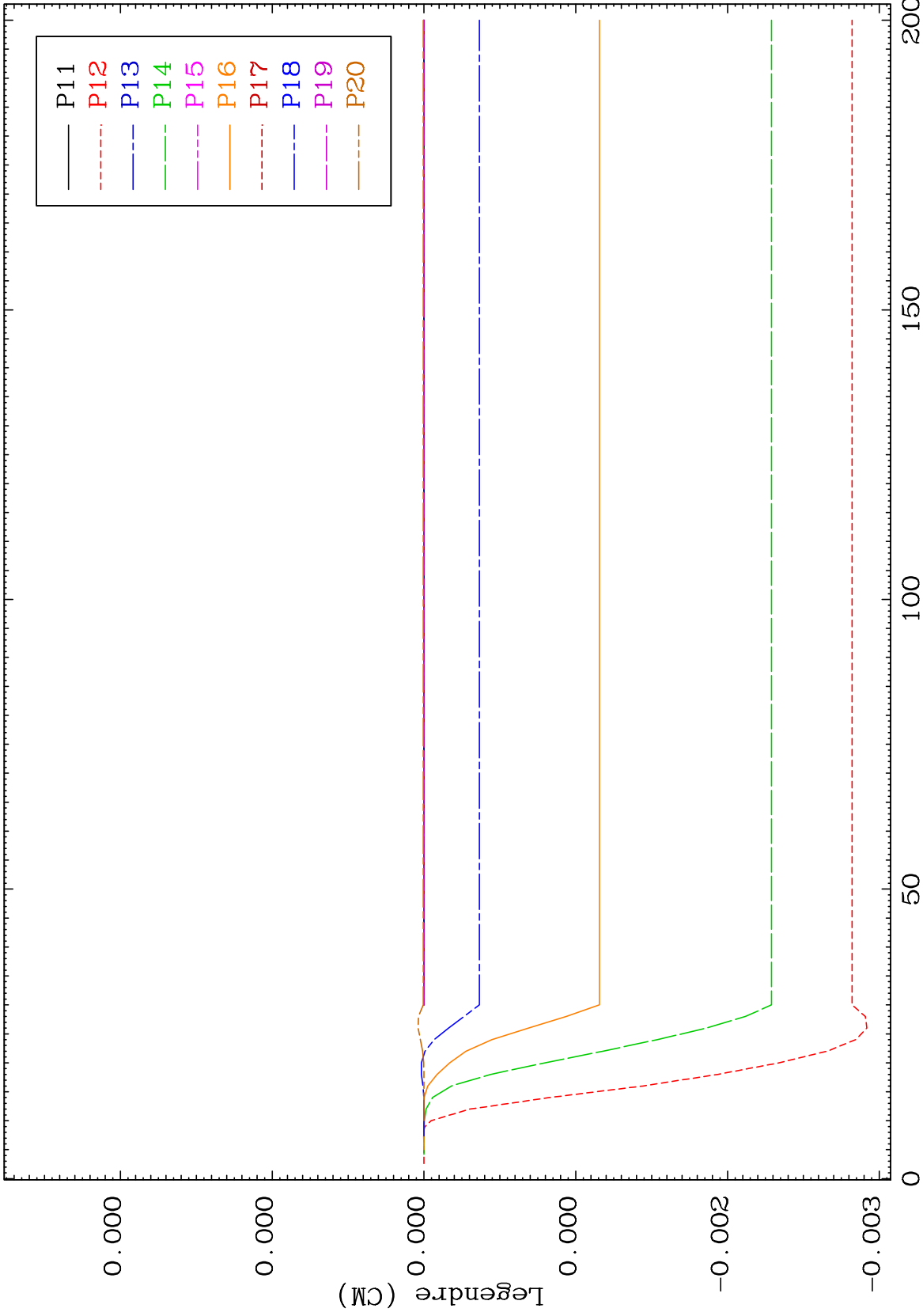


19 Incident Energy (MeV) 81-T1-194

MAT 8098

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

81-Tl-194

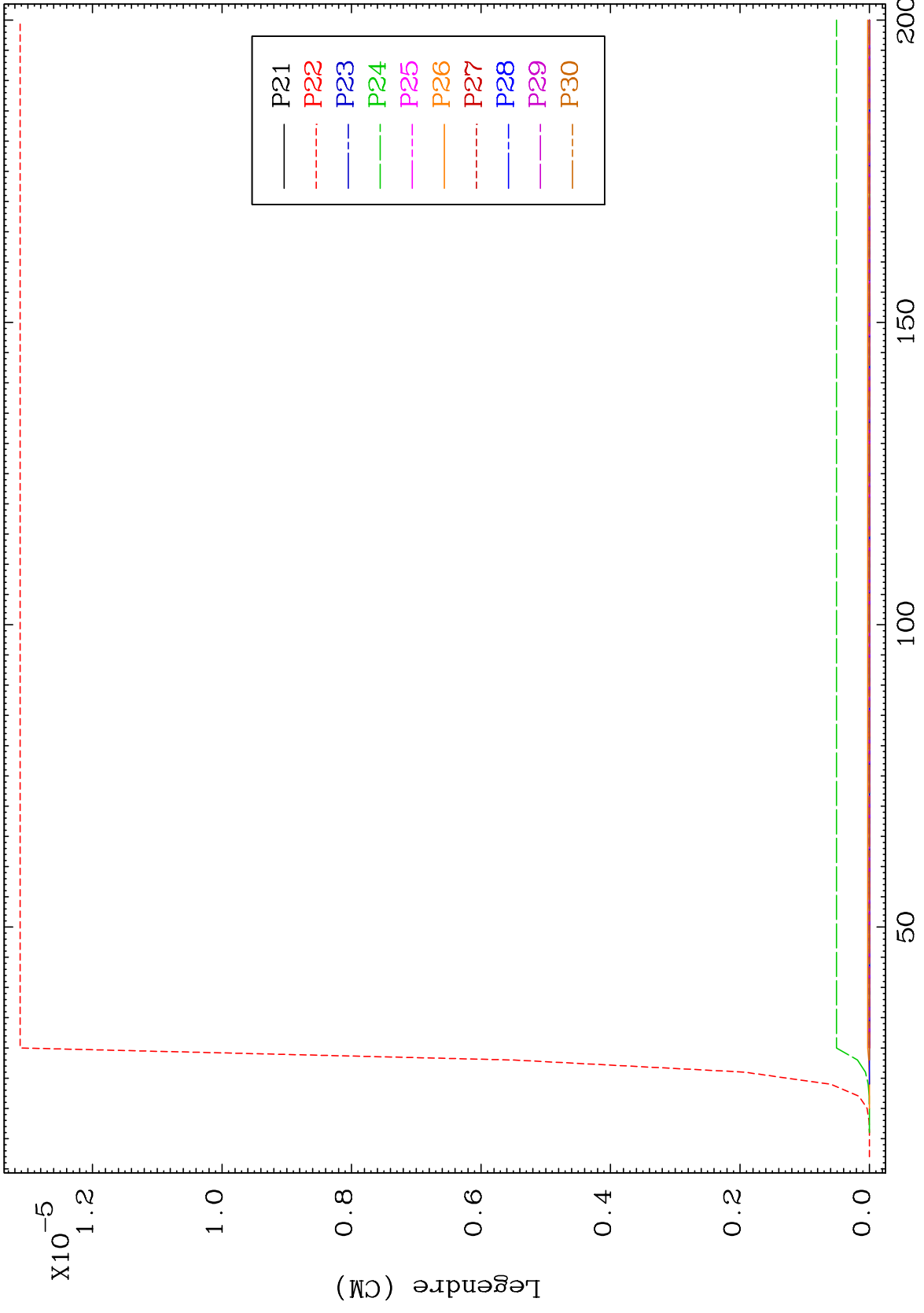


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Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 51 (n,n') Level Legendre Coefficients 81-T1-194

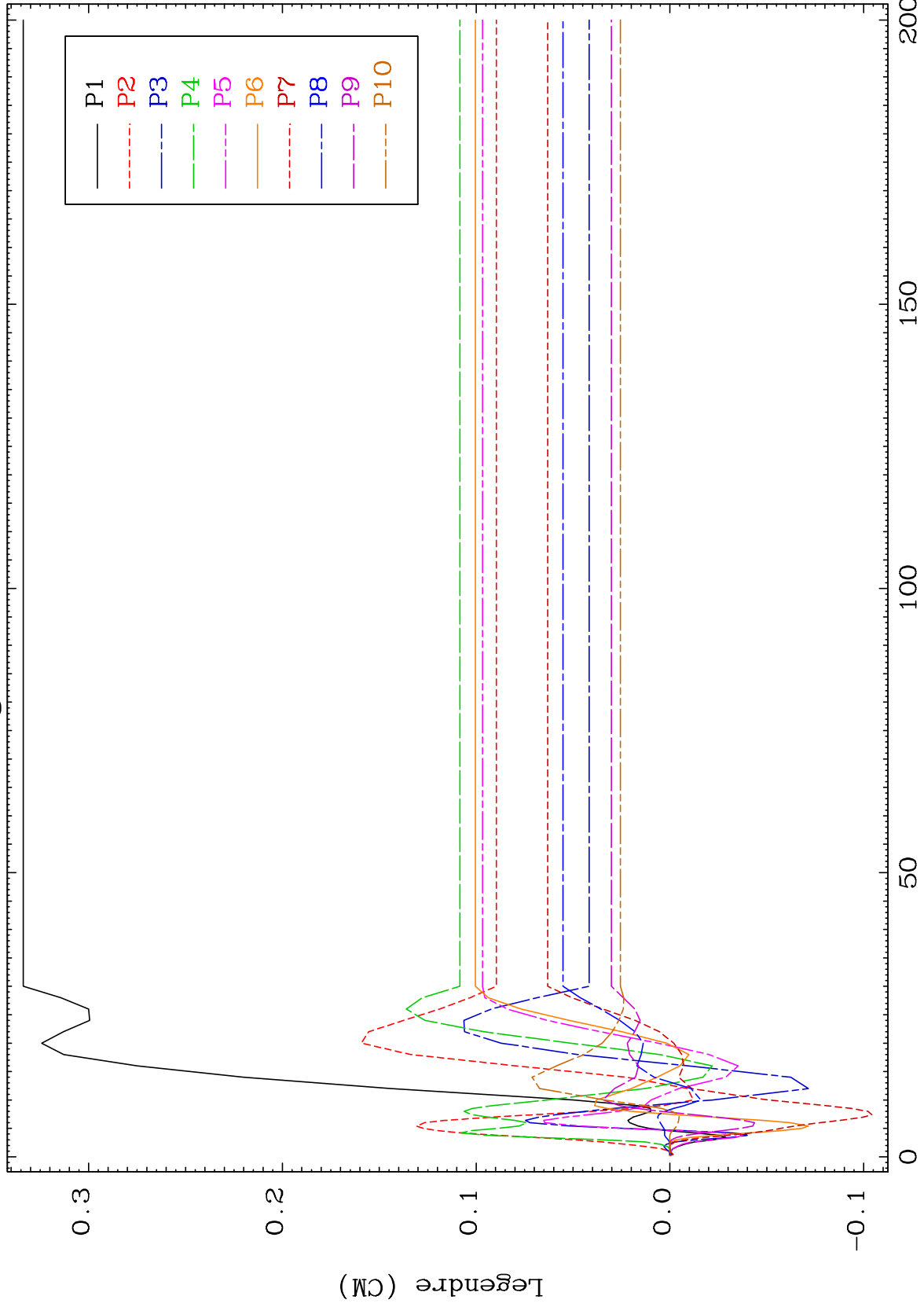


21 81-T1-194

MAT 8098

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

81-T1-194

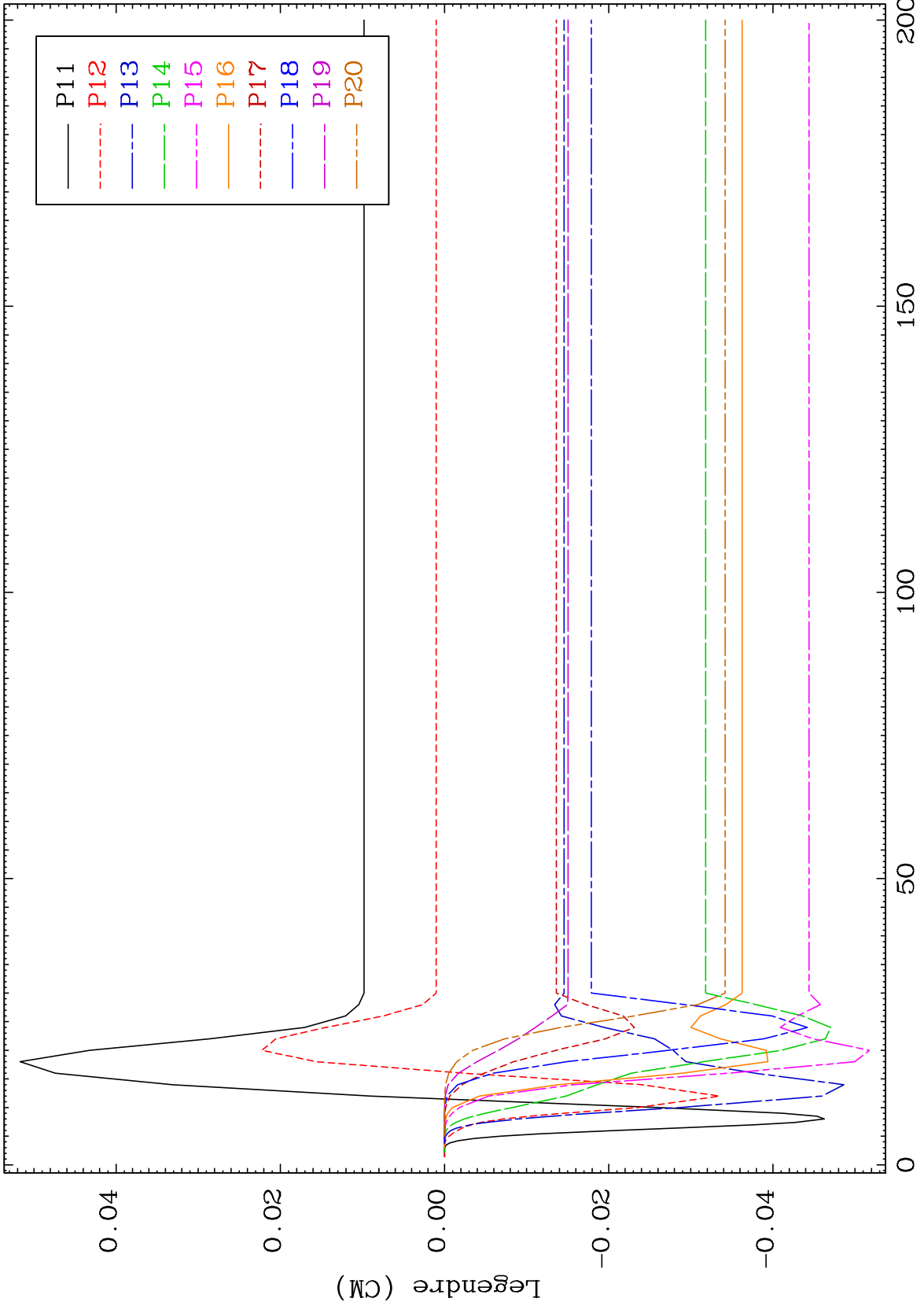


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Incident Energy (MeV)

81-T1-194

MAT 8098 MT= 52 (n,n') Level Legendre Coefficients 81-T1-194



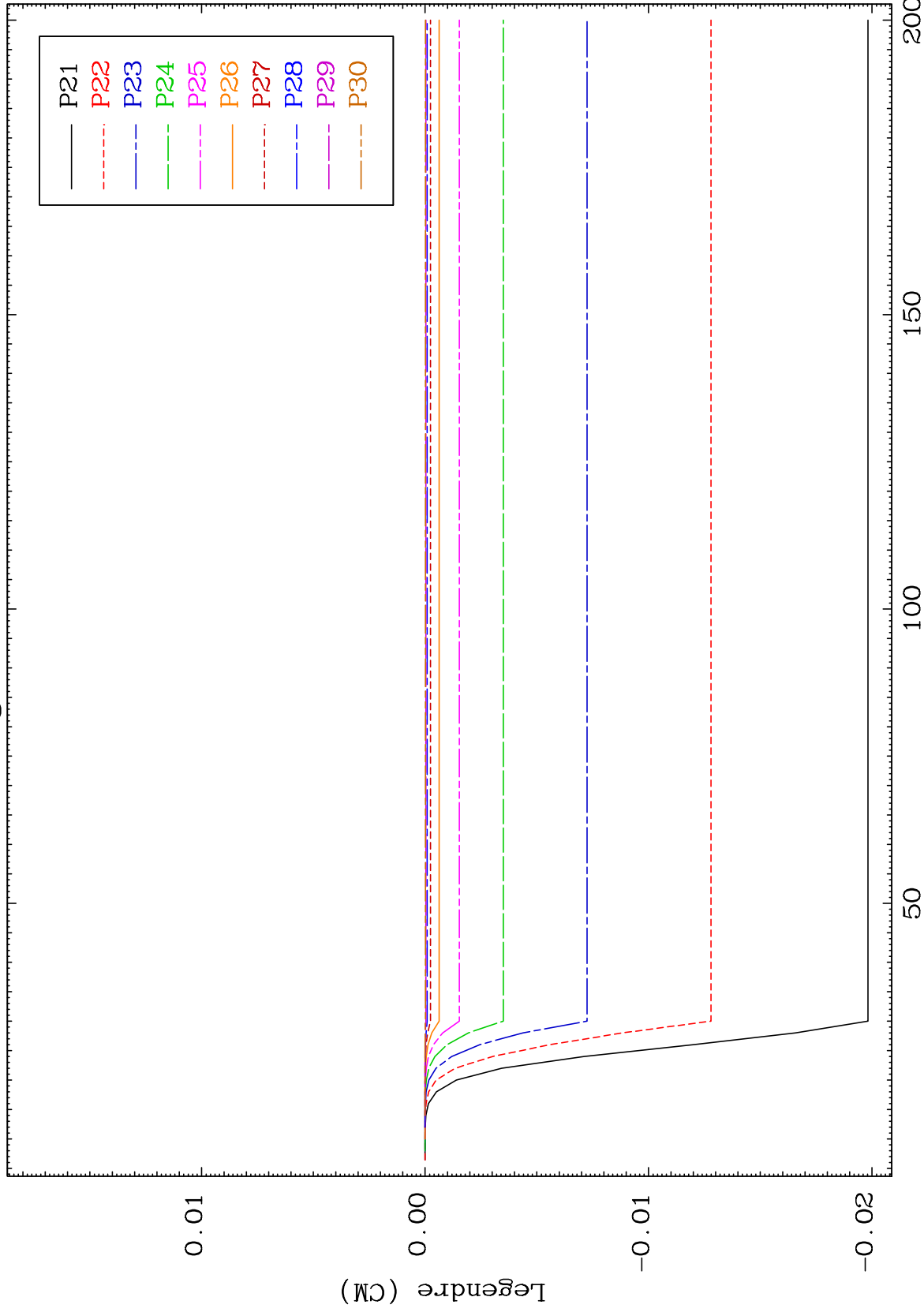
23 81-T1-194



MAT 8098

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

81-T1-194

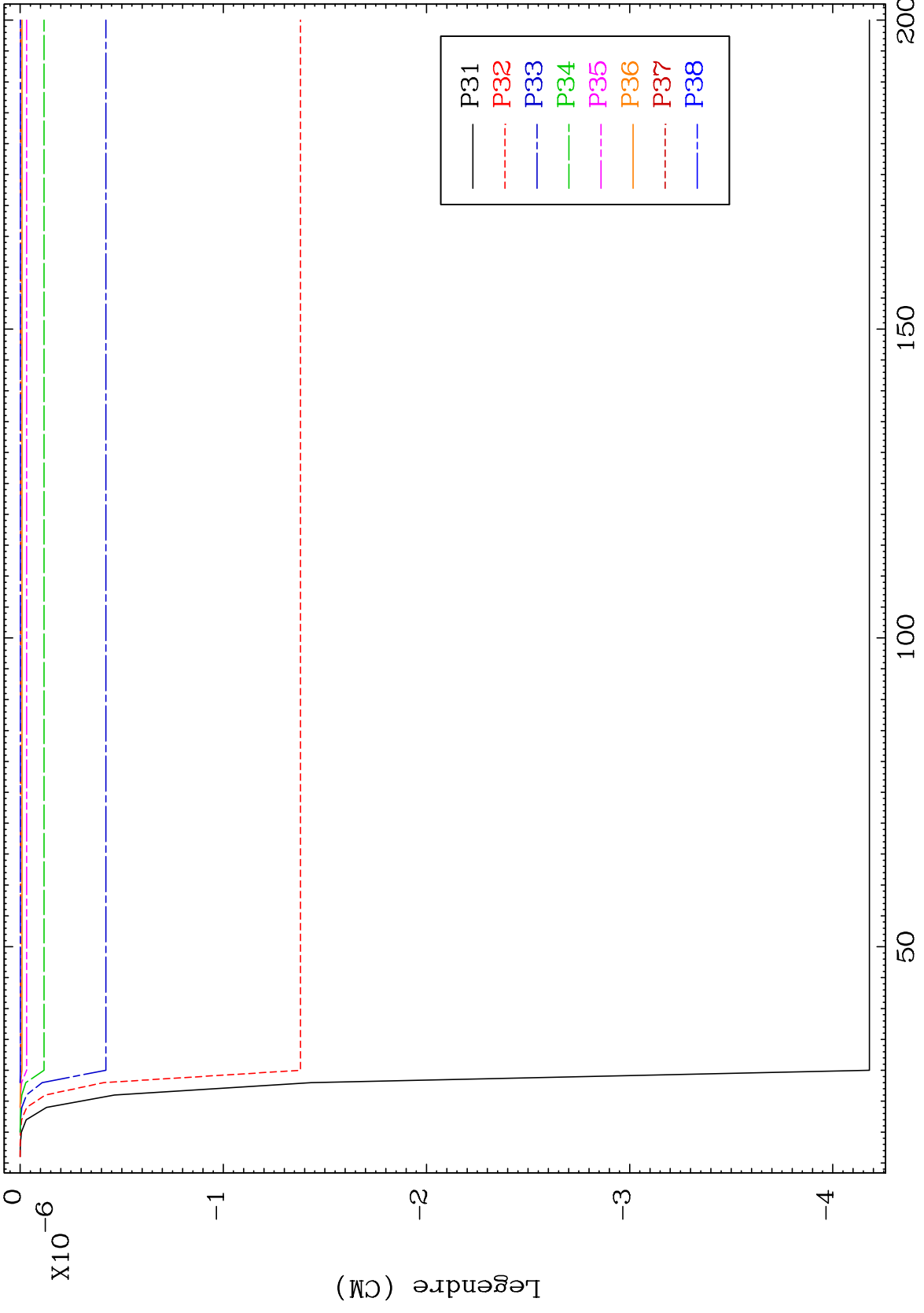


24

Incident Energy (MeV)

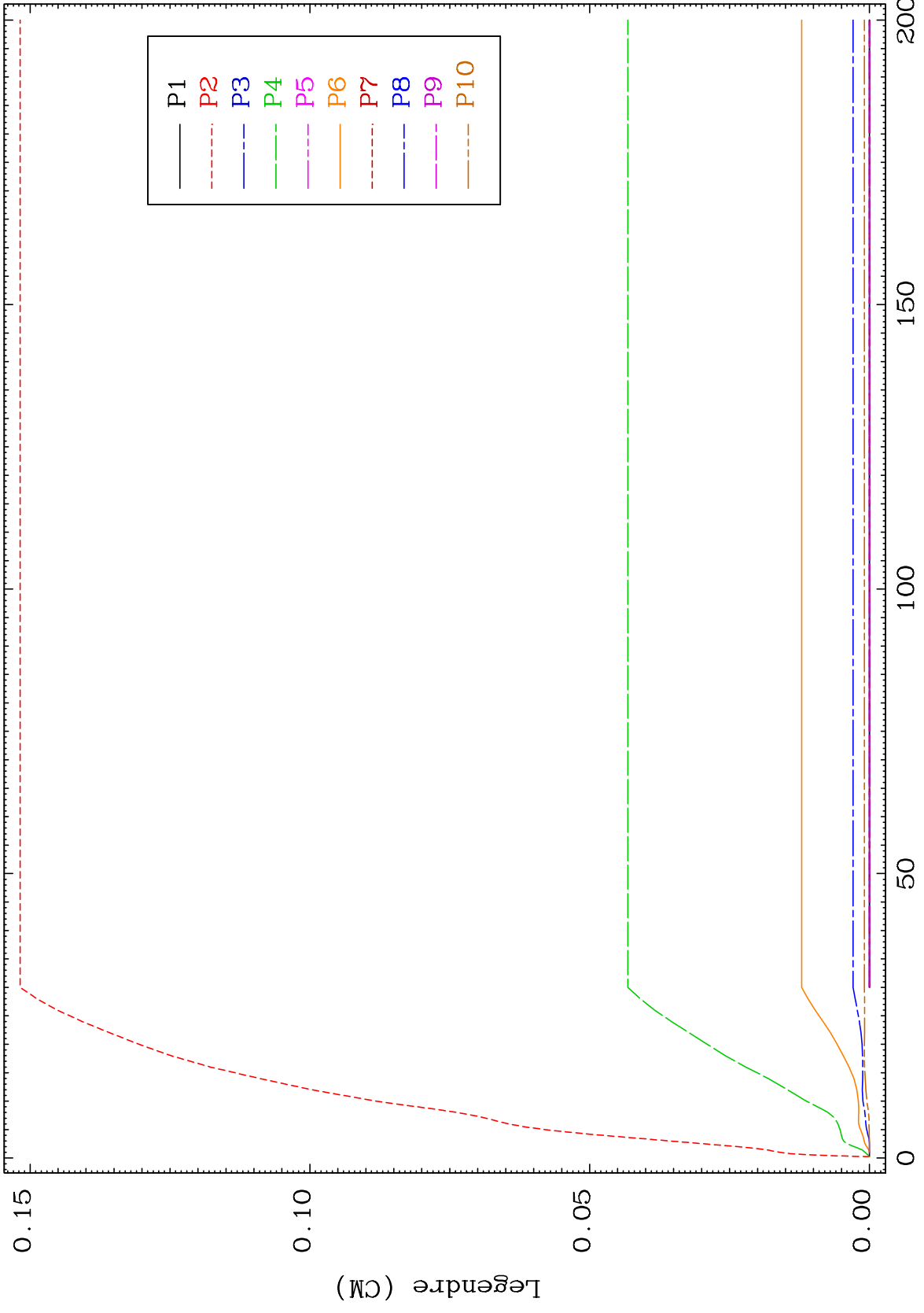
81-T1-194

MAT 8098 MT= 52 (n,n') Level Legendre Coefficients 81-T1-194



25 Incident Energy (MeV) 81-T1-194

MAT 8098 MT= 53 (n,n') Level Legendre Coefficients 81-T1-194

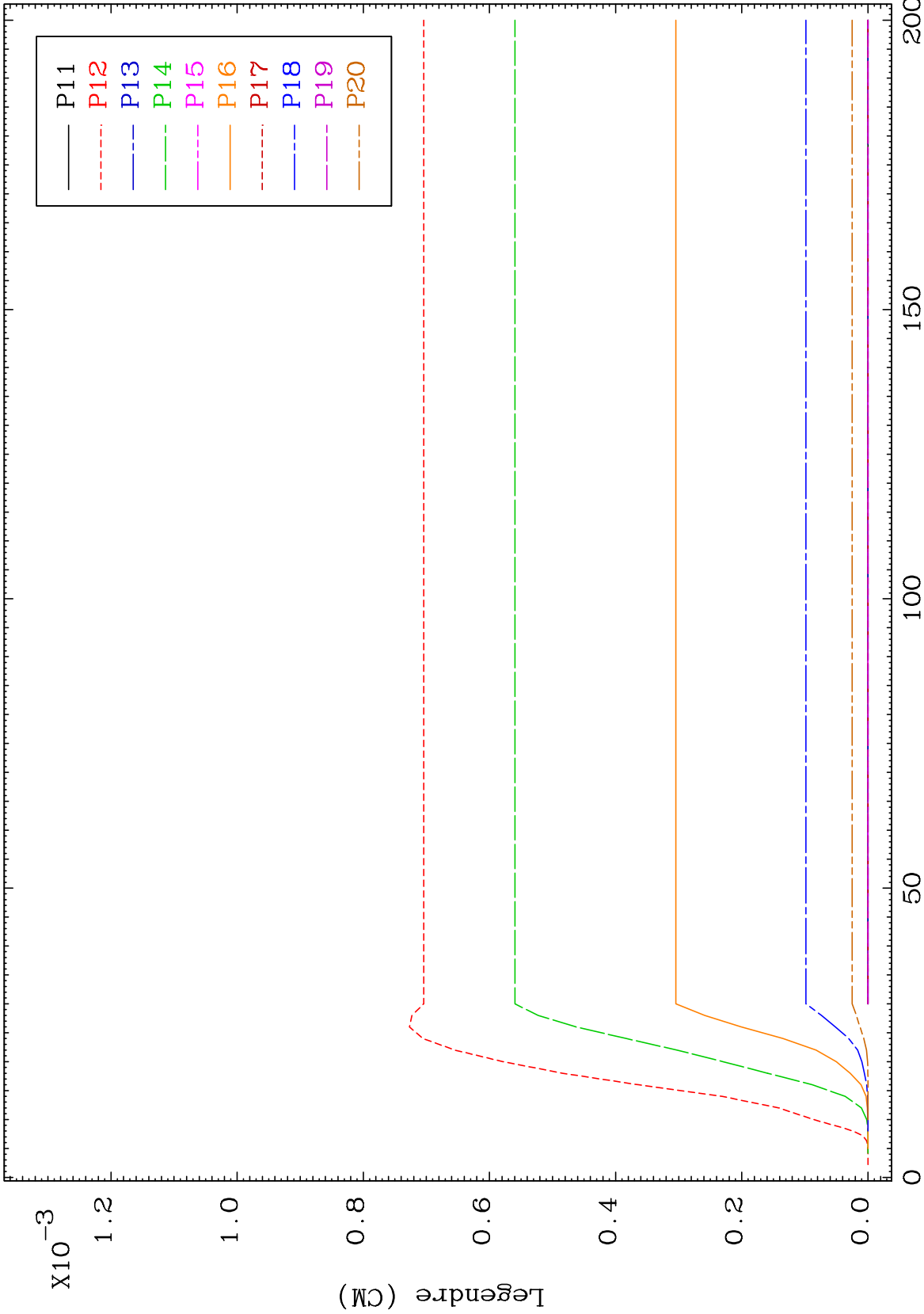


26 81-T1-194

MAT 8098

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

81-Tl-194



27

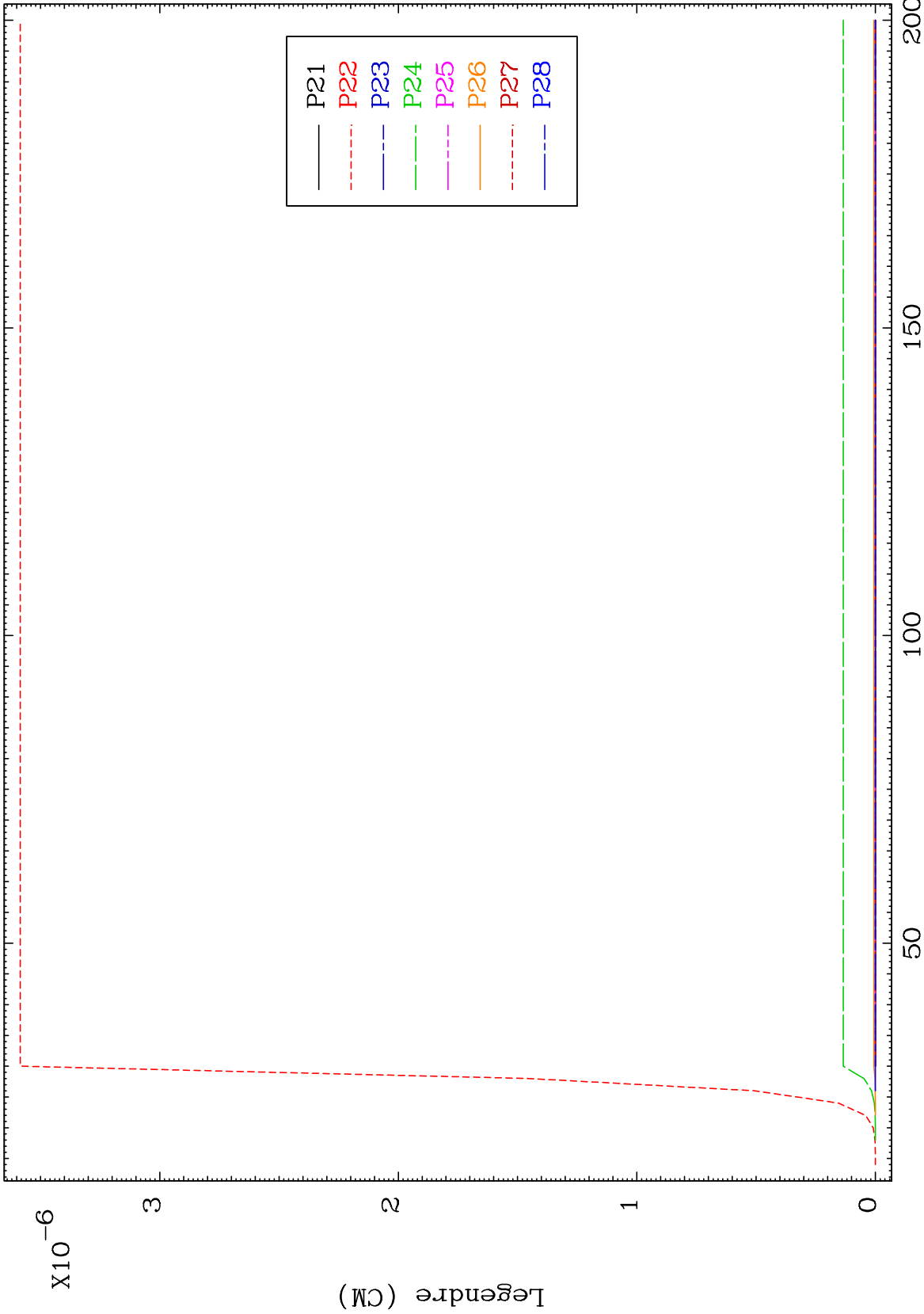
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



28

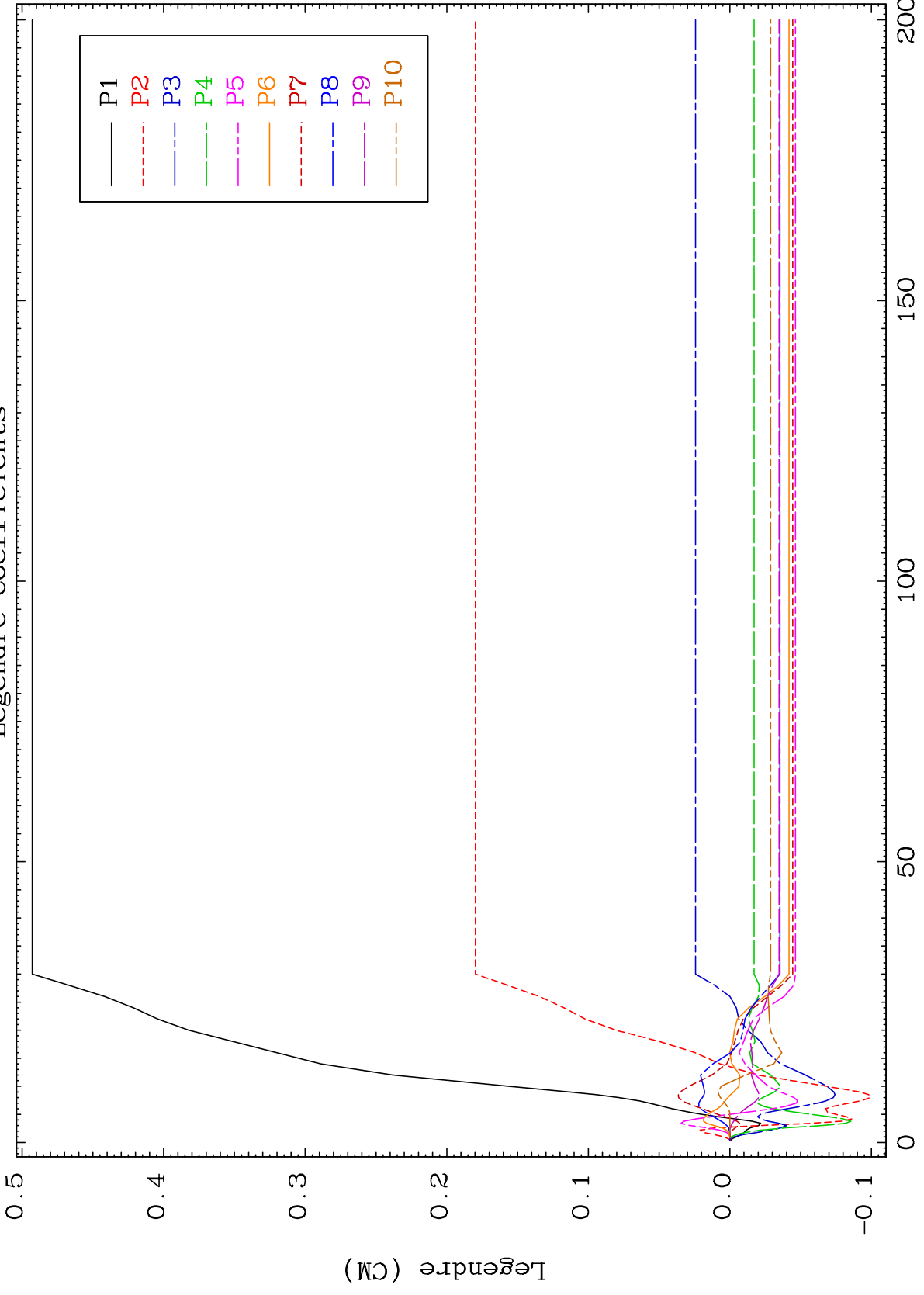
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-Tl-194



29

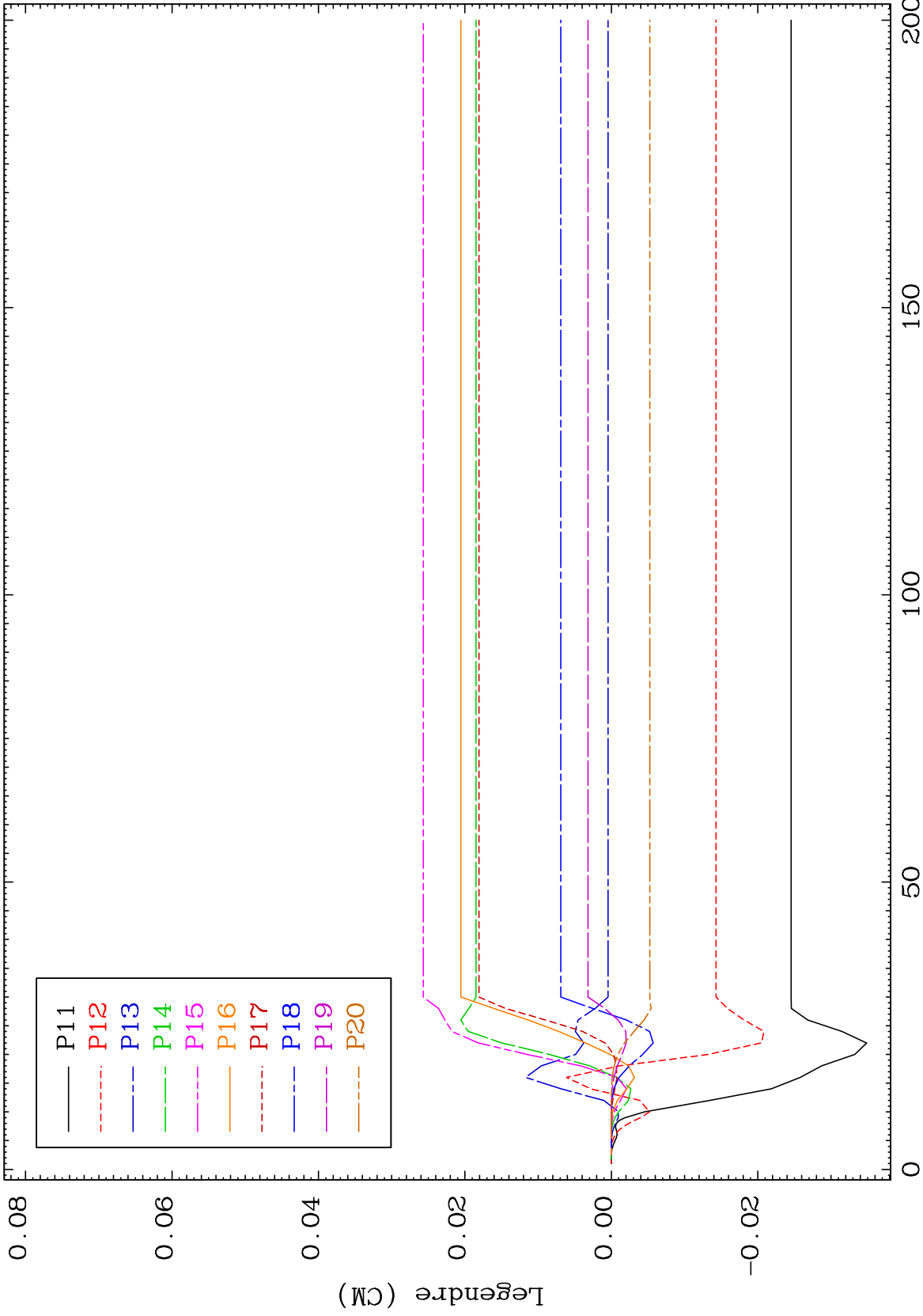
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



81-Tl-194

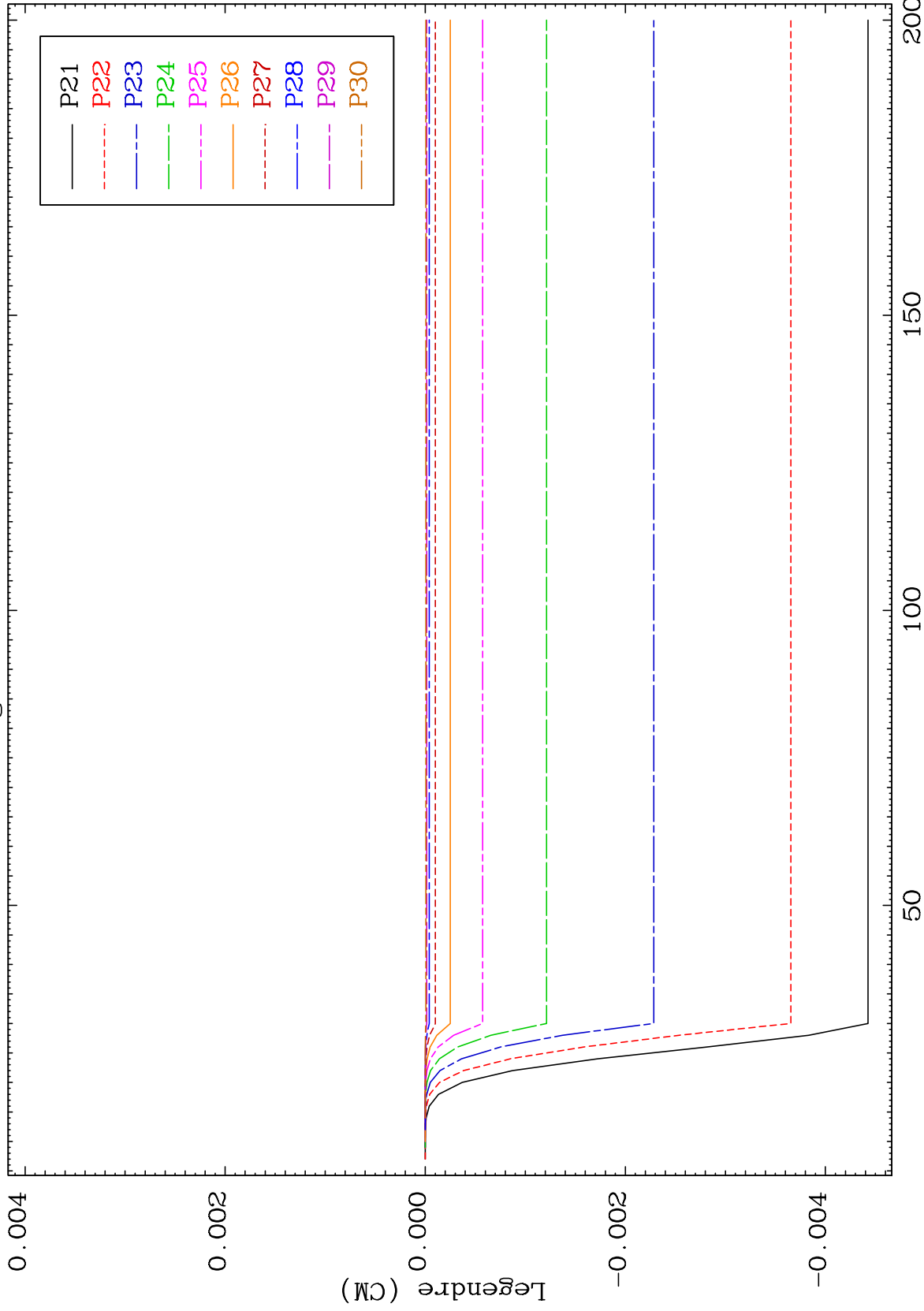
Incident Energy (MeV)

30

MAT 8098

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

81-T1-194



31

Incident Energy (MeV)

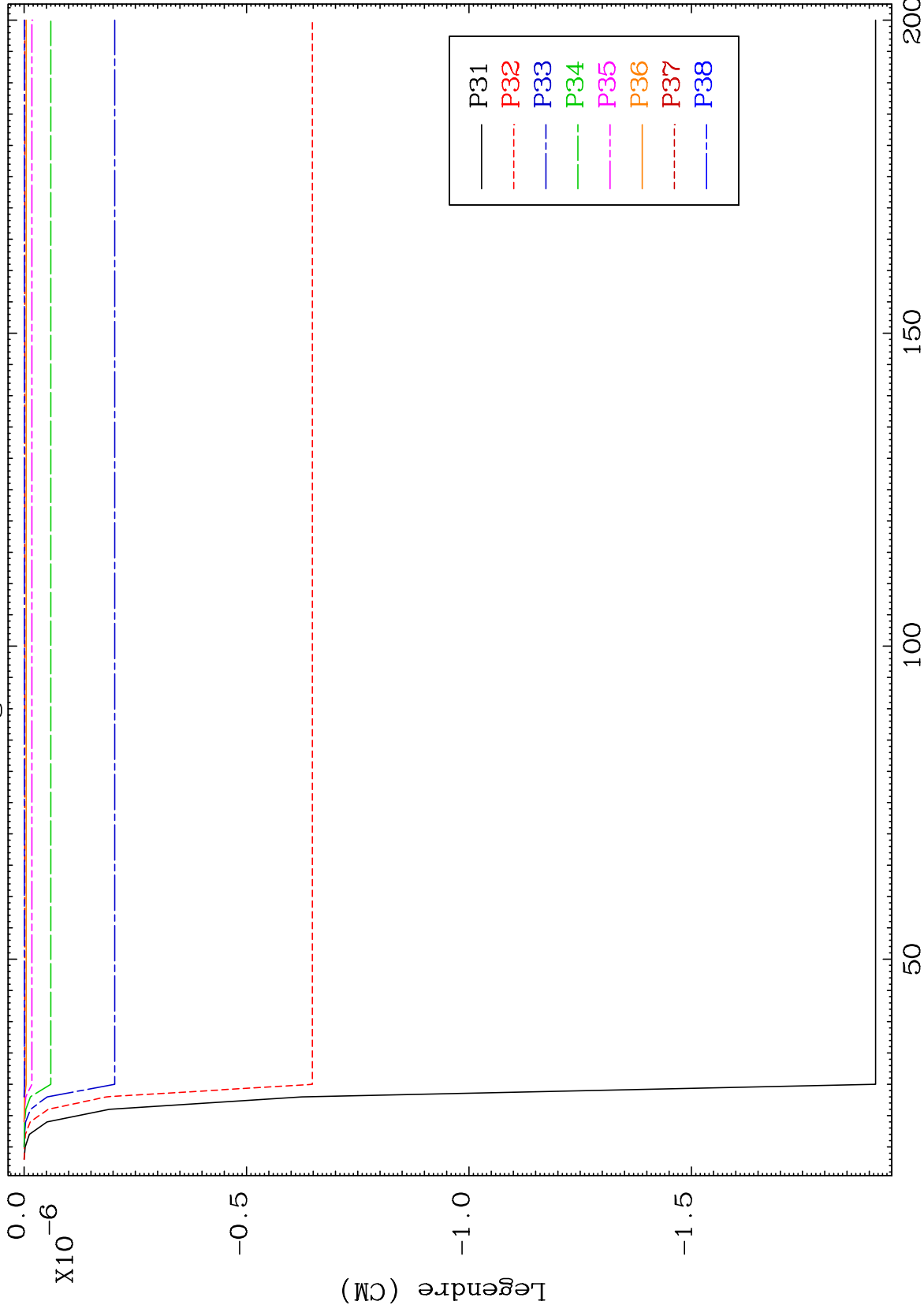
81-T1-194



MAT 8098

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

81-Tl-194



81-Tl-194

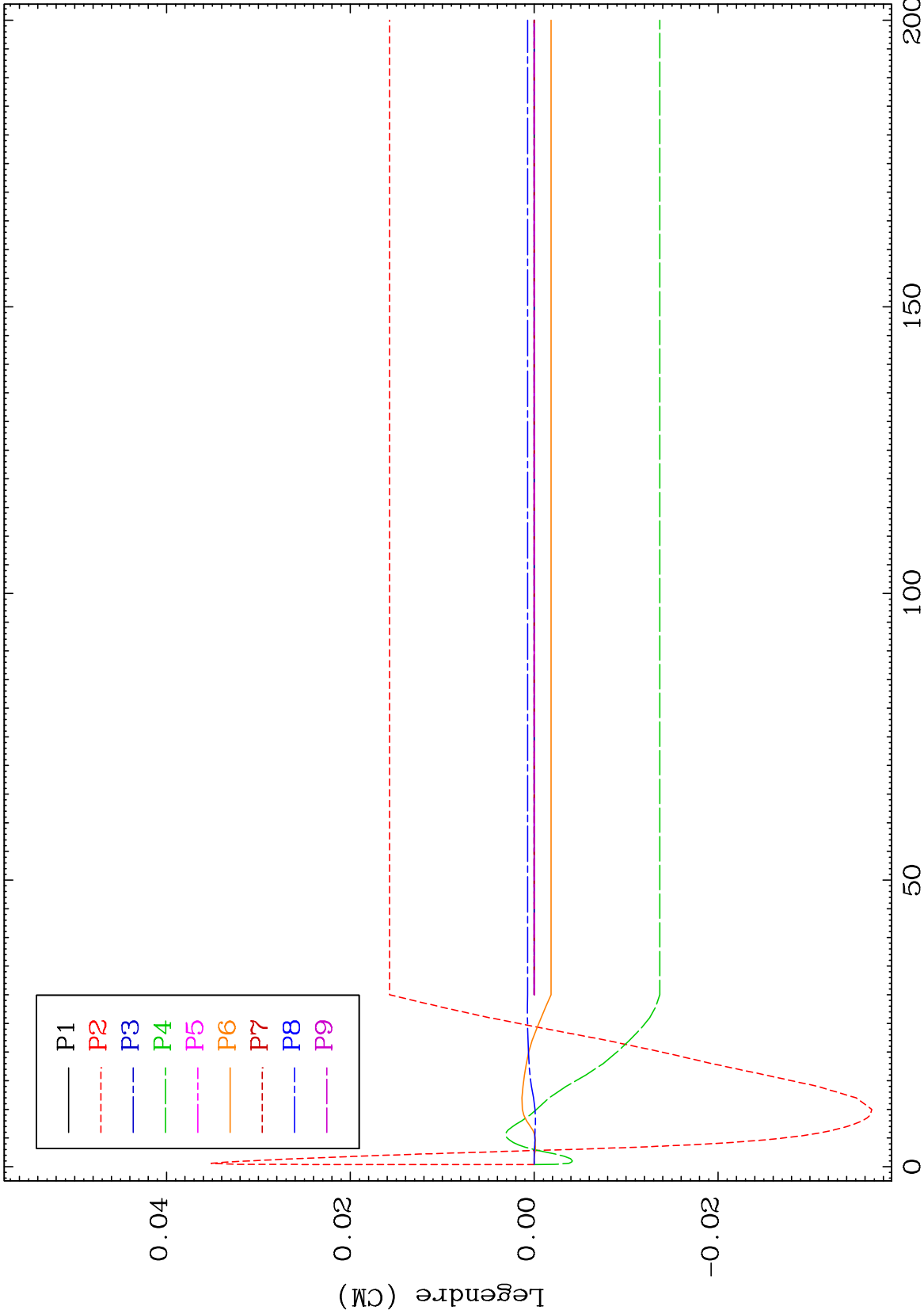
Incident Energy (MeV)

32

MAT 8098

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

81-T1-194



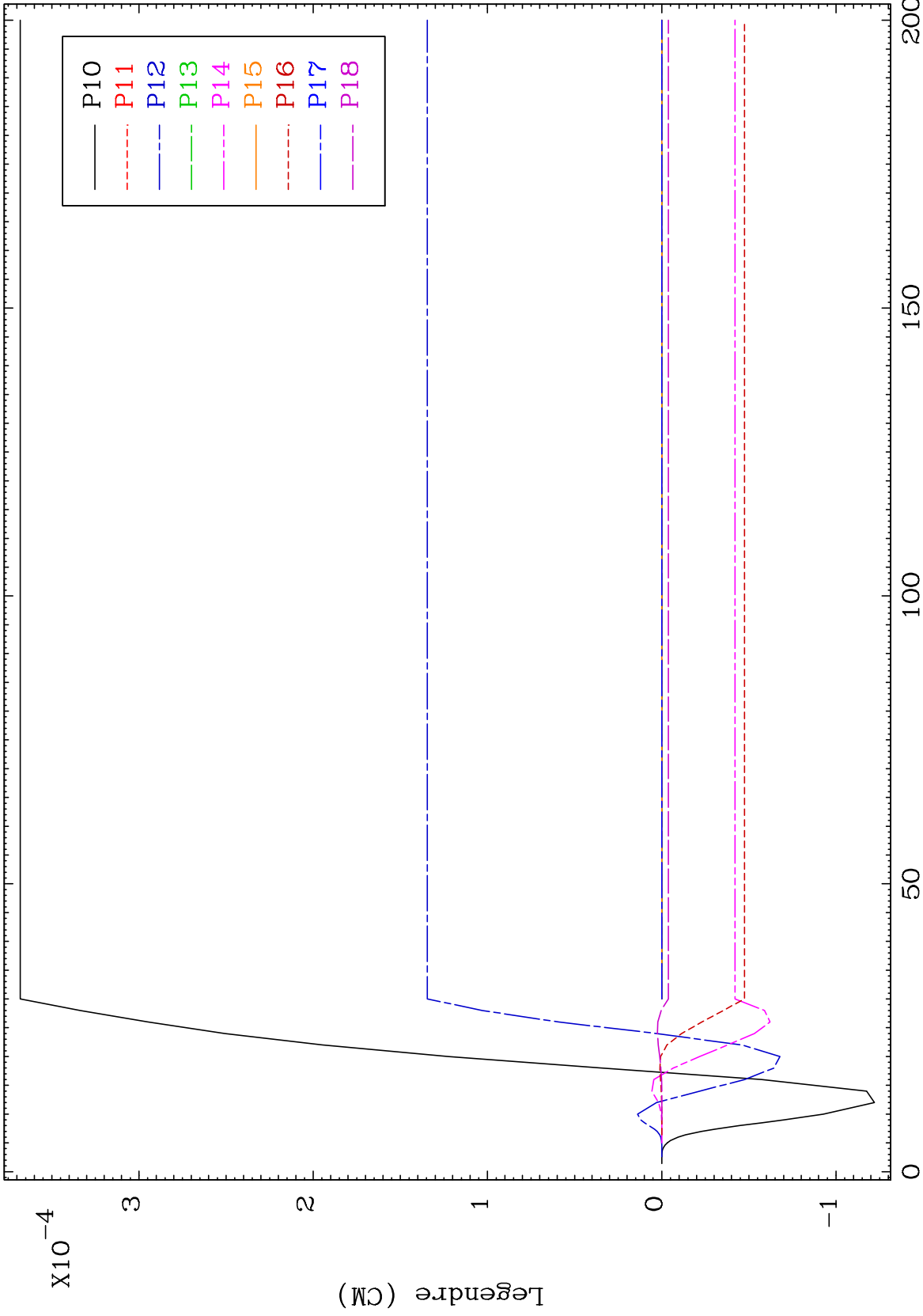
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81-T1-194

MAT 8098

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

81-Tl-194

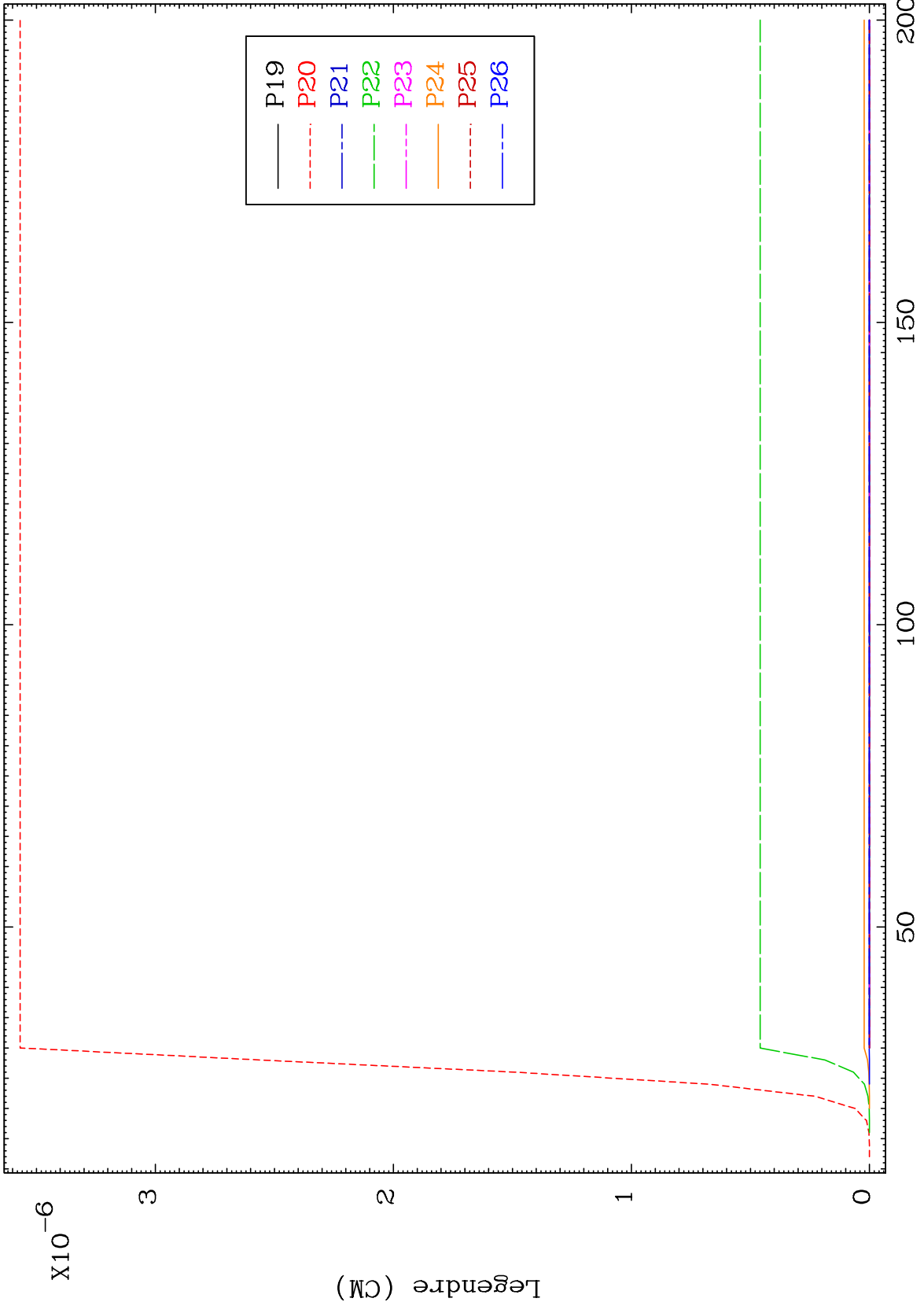


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Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 55 (n,n') Level Legendre Coefficients 81-T1-194

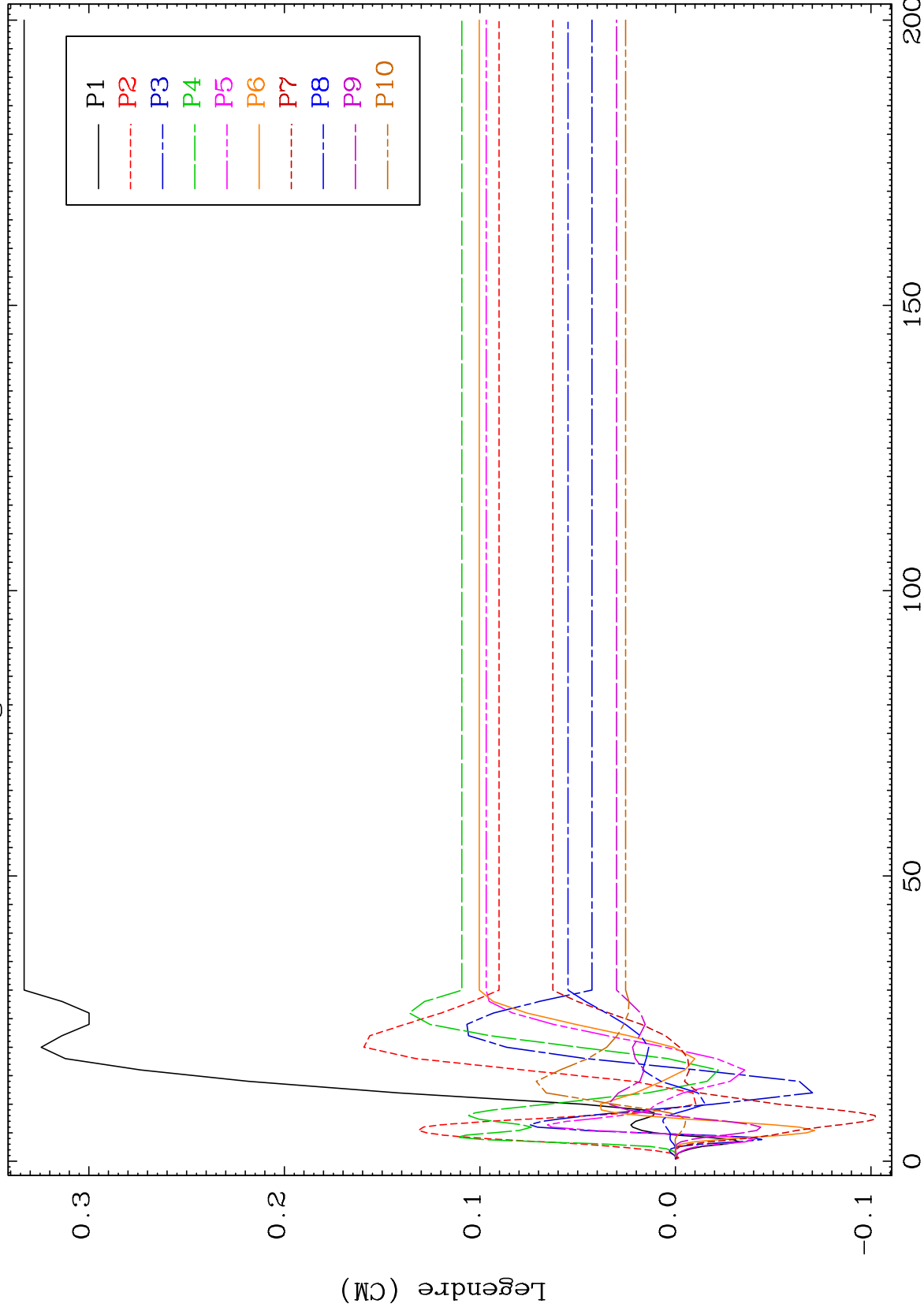


81-T1-194

MAT 8098

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

81-Tl-194

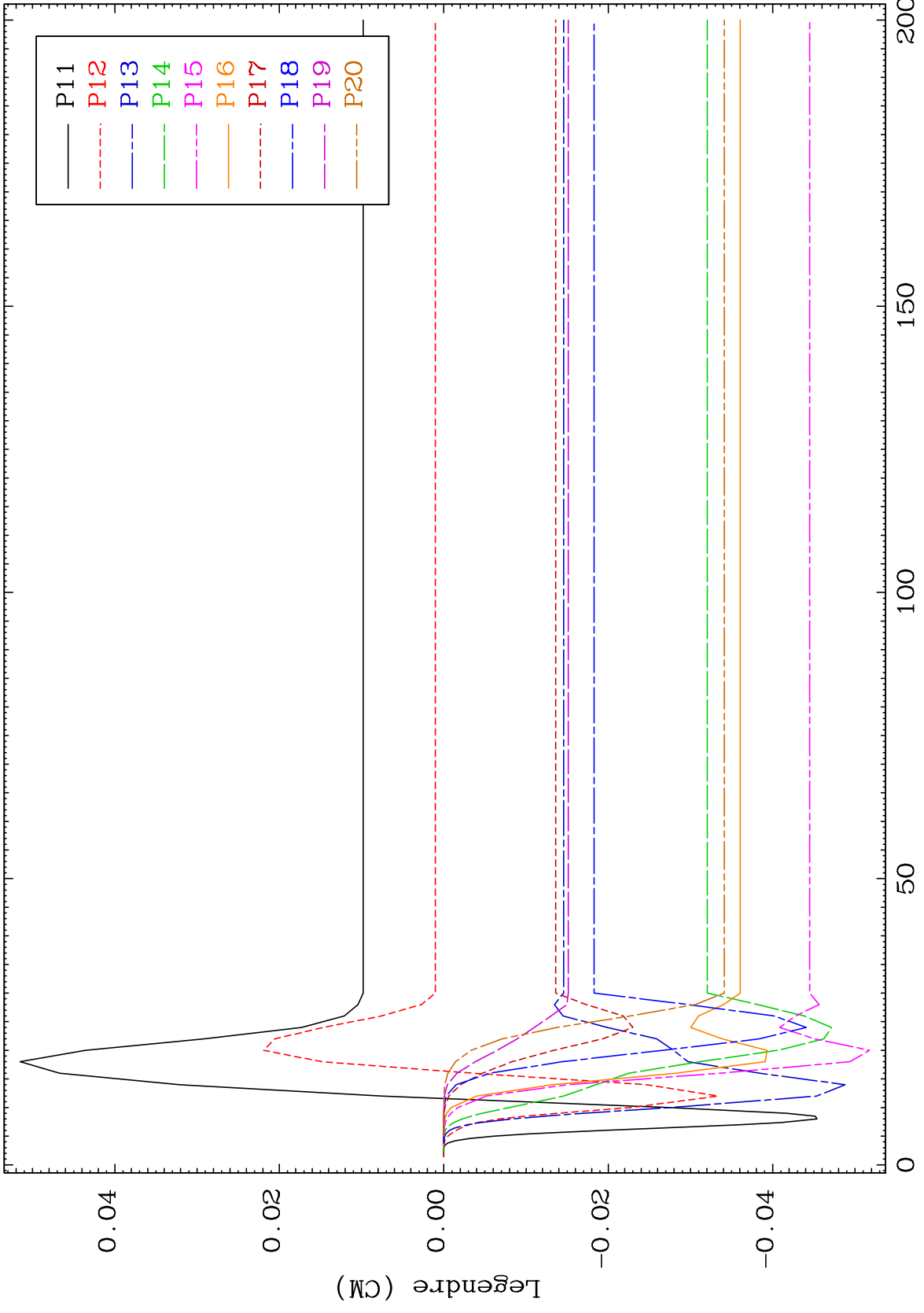


36

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 56 (n,n') Level Legendre Coefficients 81-T1-194

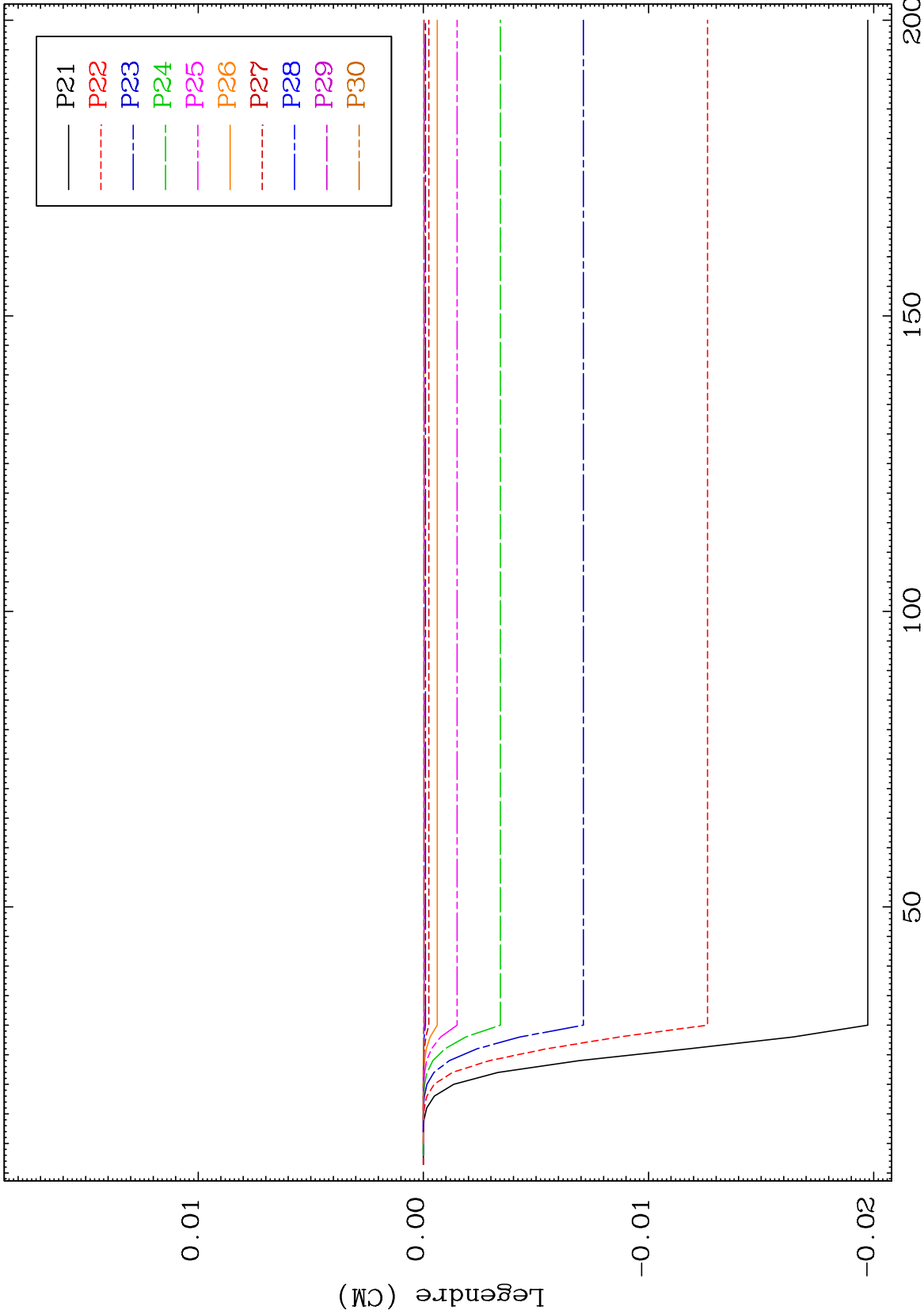


37 81-T1-194

MAT 8098

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

81-Tl-194



38

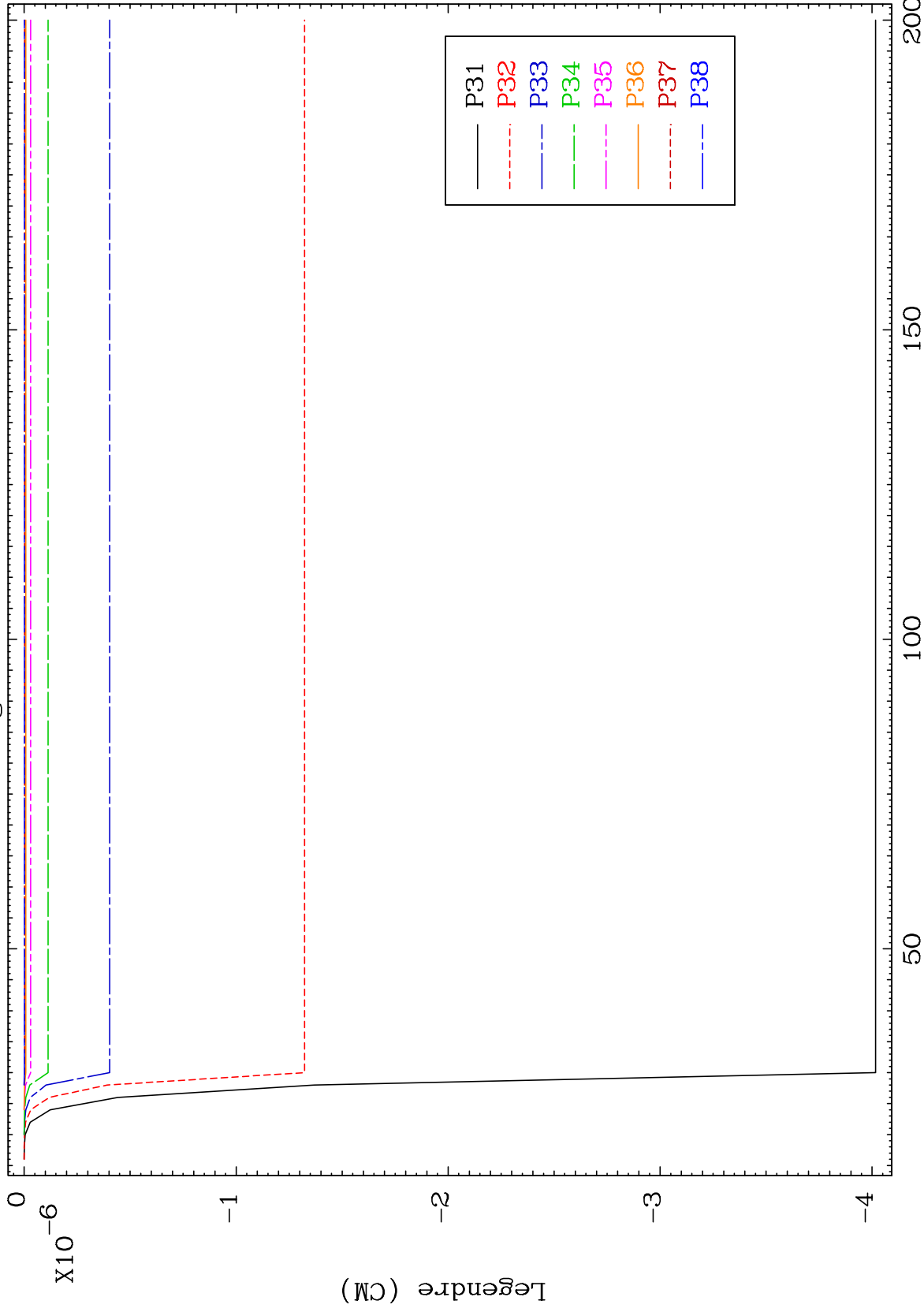
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



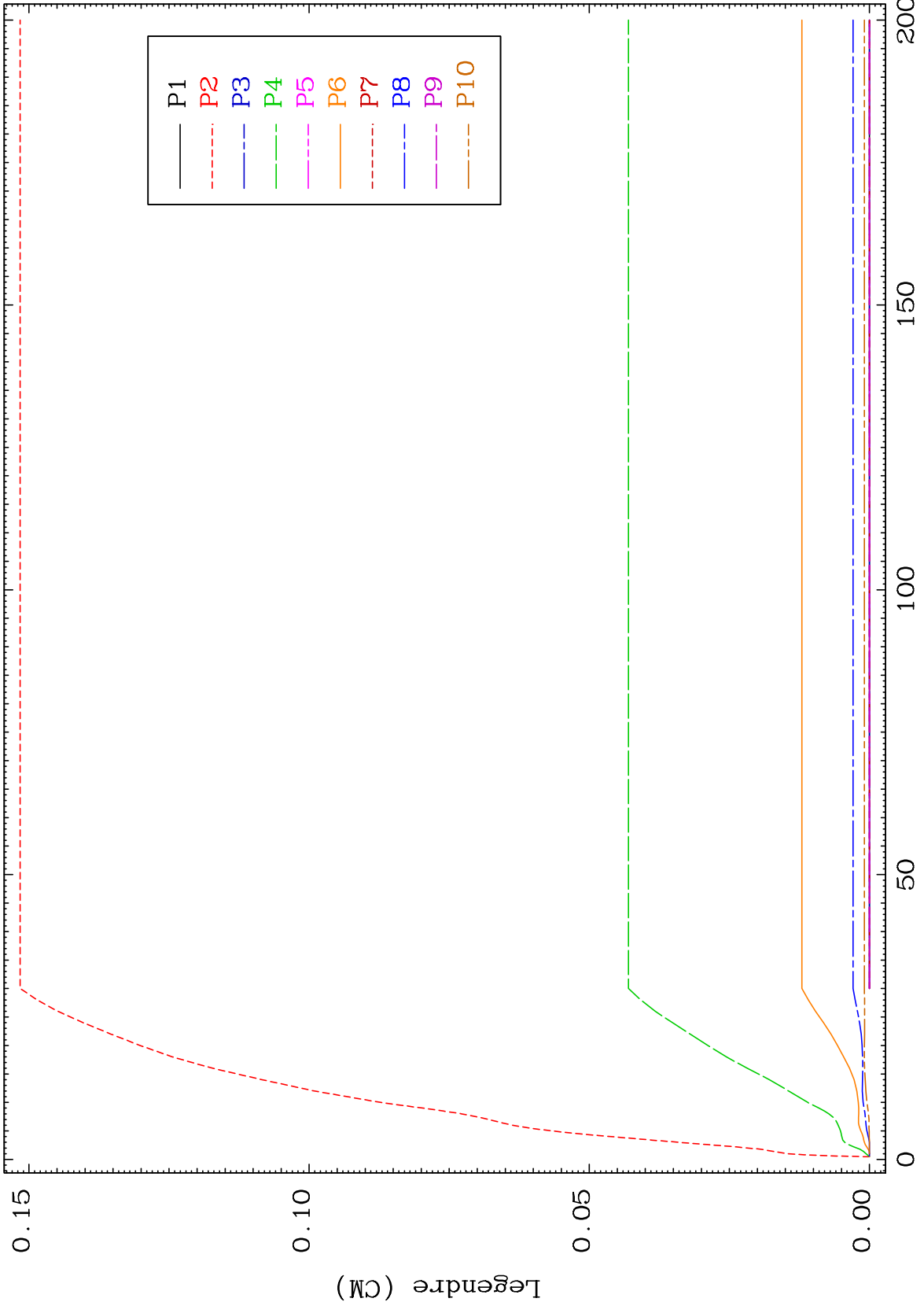
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Incident Energy (MeV)

81-T1-194



MAT 8098 MT= 57 (n,n') Level Legendre Coefficients 81-T1-194

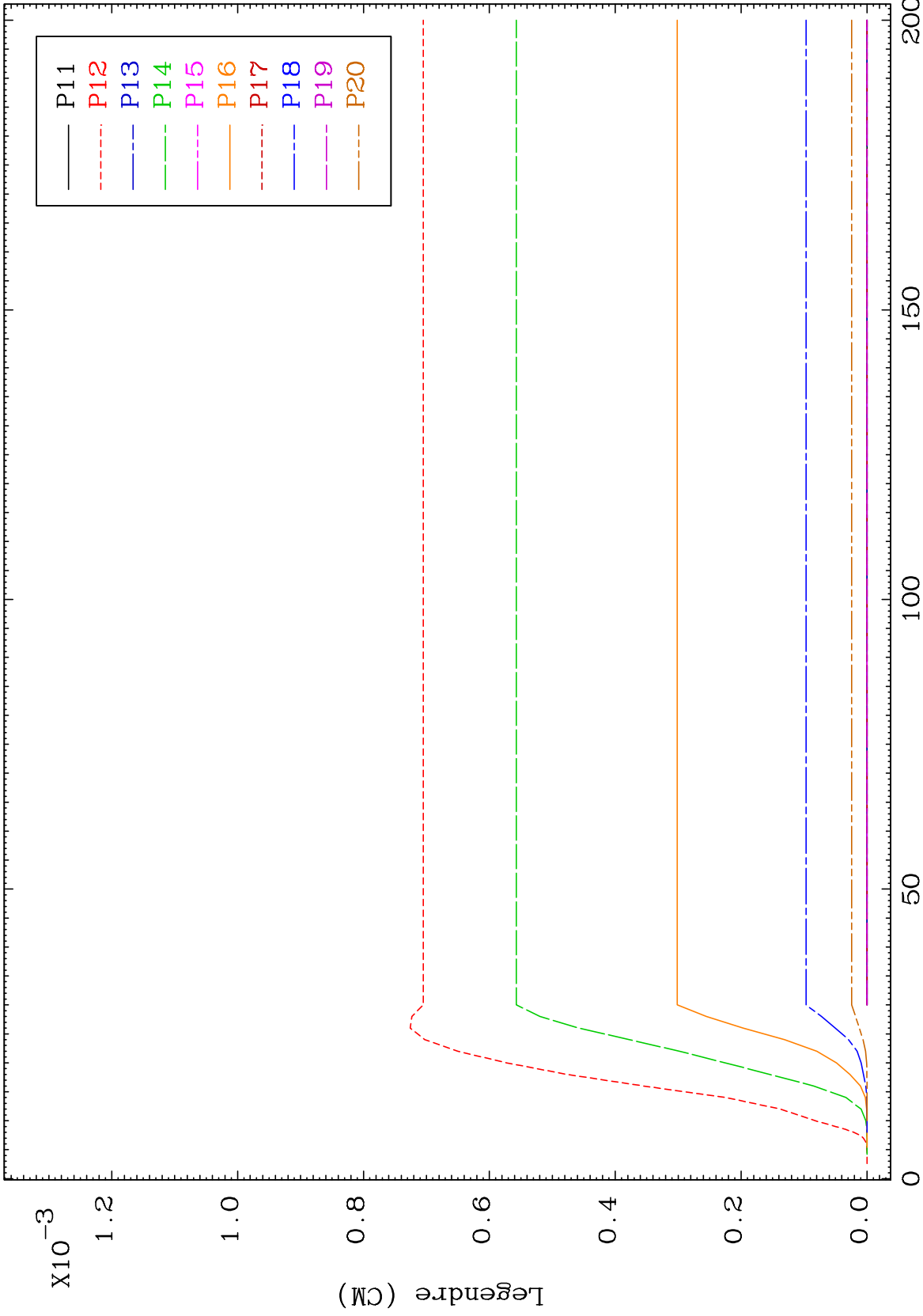


81-T1-194

MAT 8098

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

81-Tl-194



41

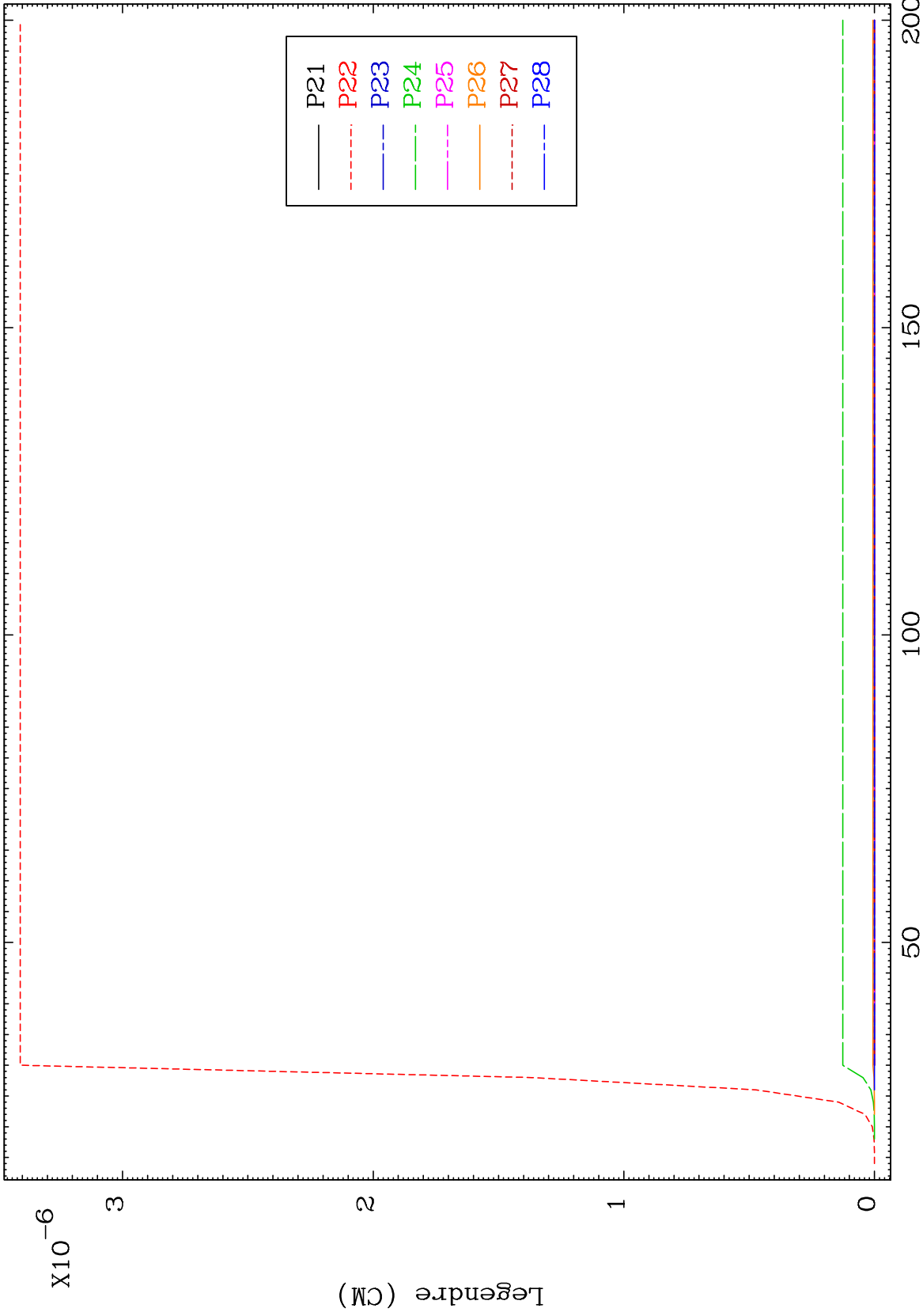
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



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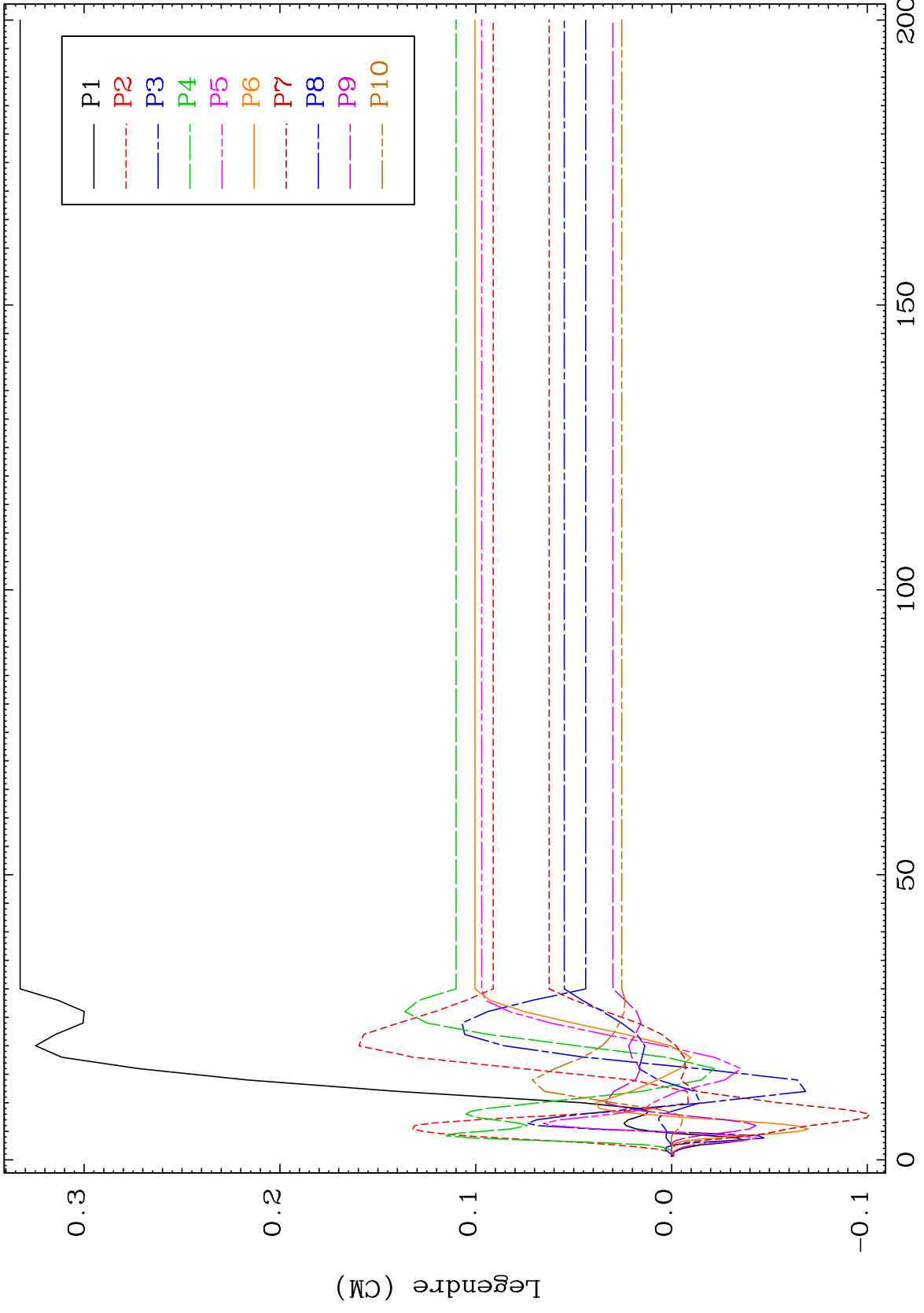
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-T1-194

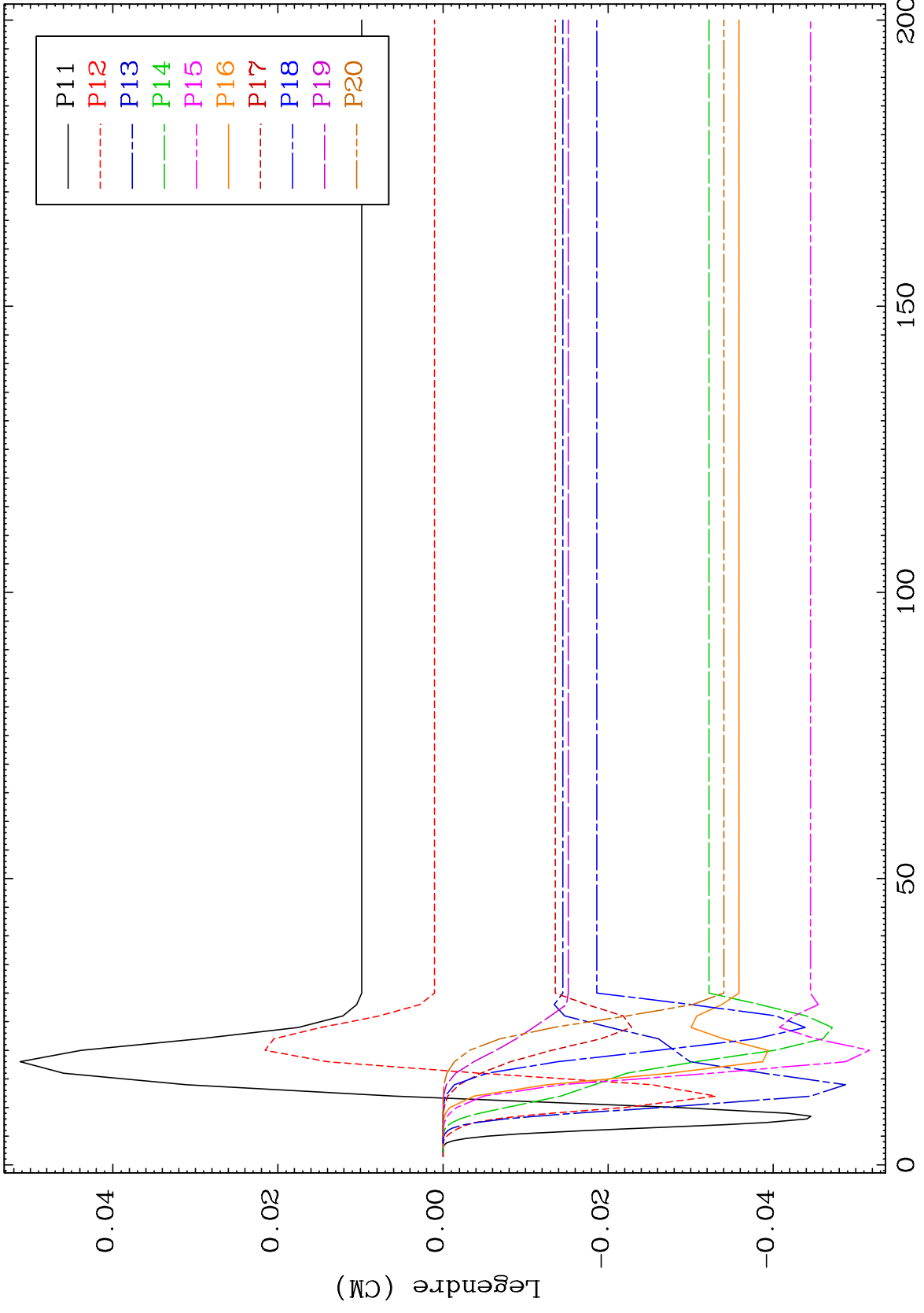


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Incident Energy (MeV)

81-T1-194

MAT 8098 MT= 58 (n,n') Level Legendre Coefficients 81-T1-194

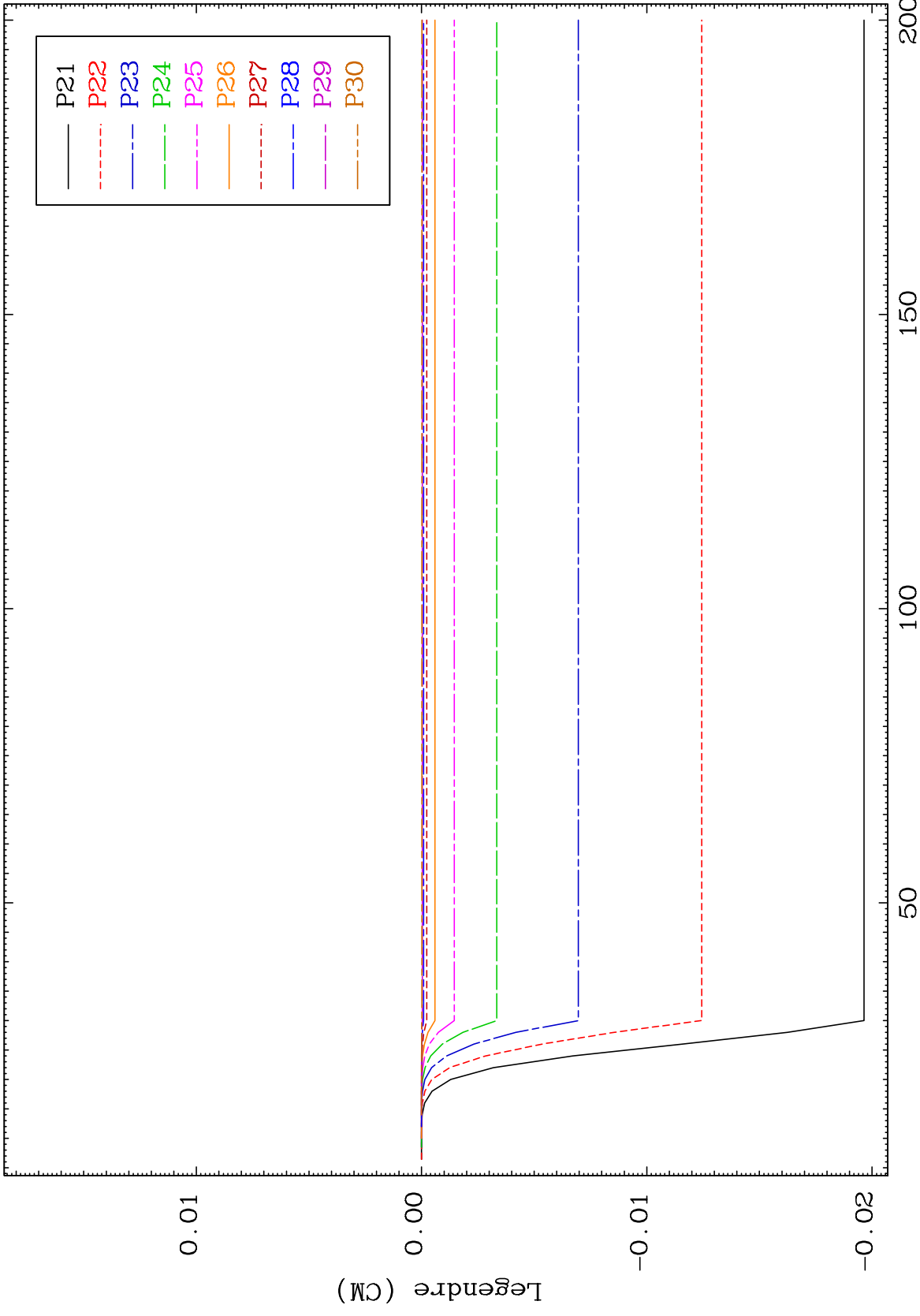


44 81-T1-194

MAT 8098

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

81-Tl-194



45

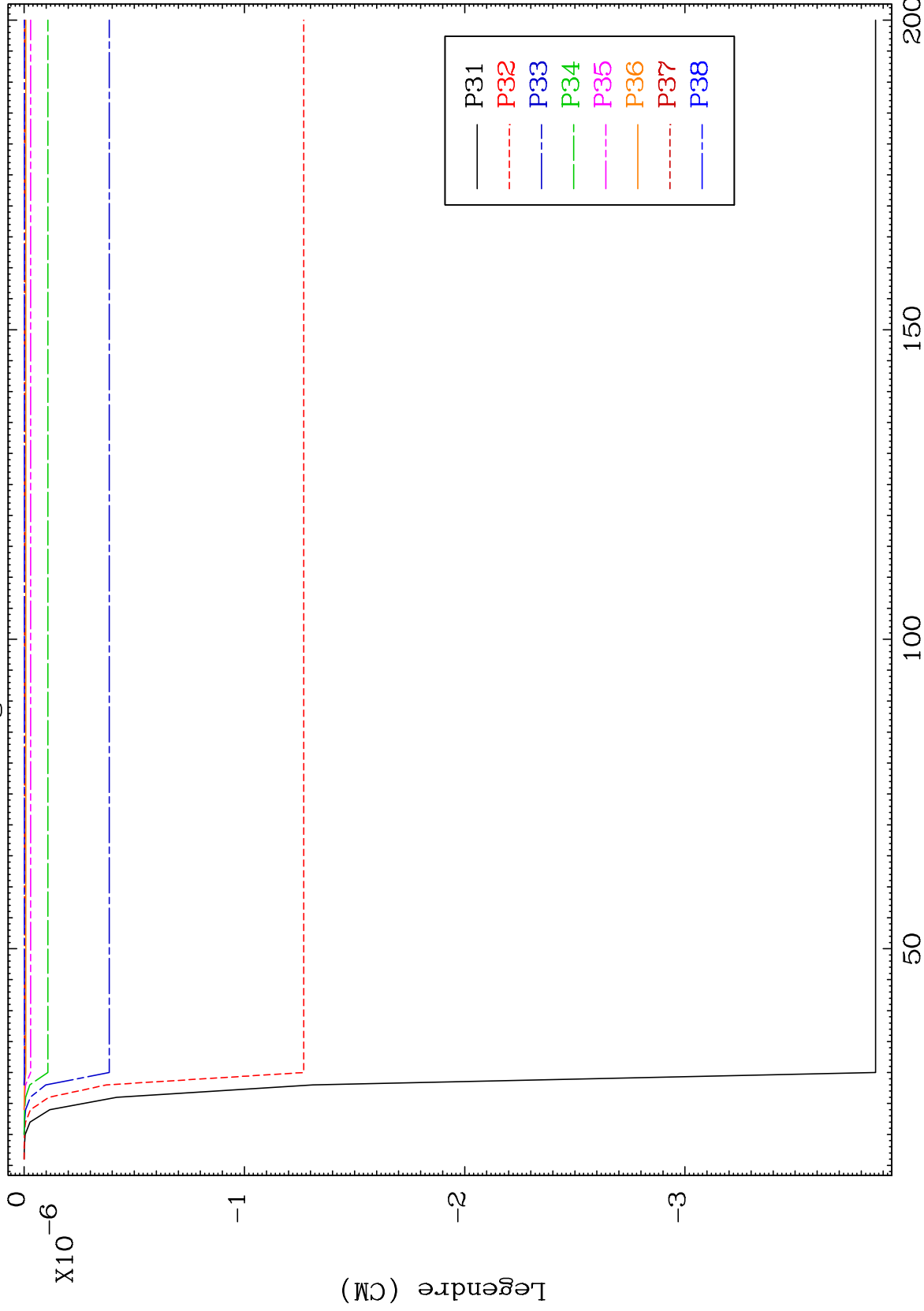
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194

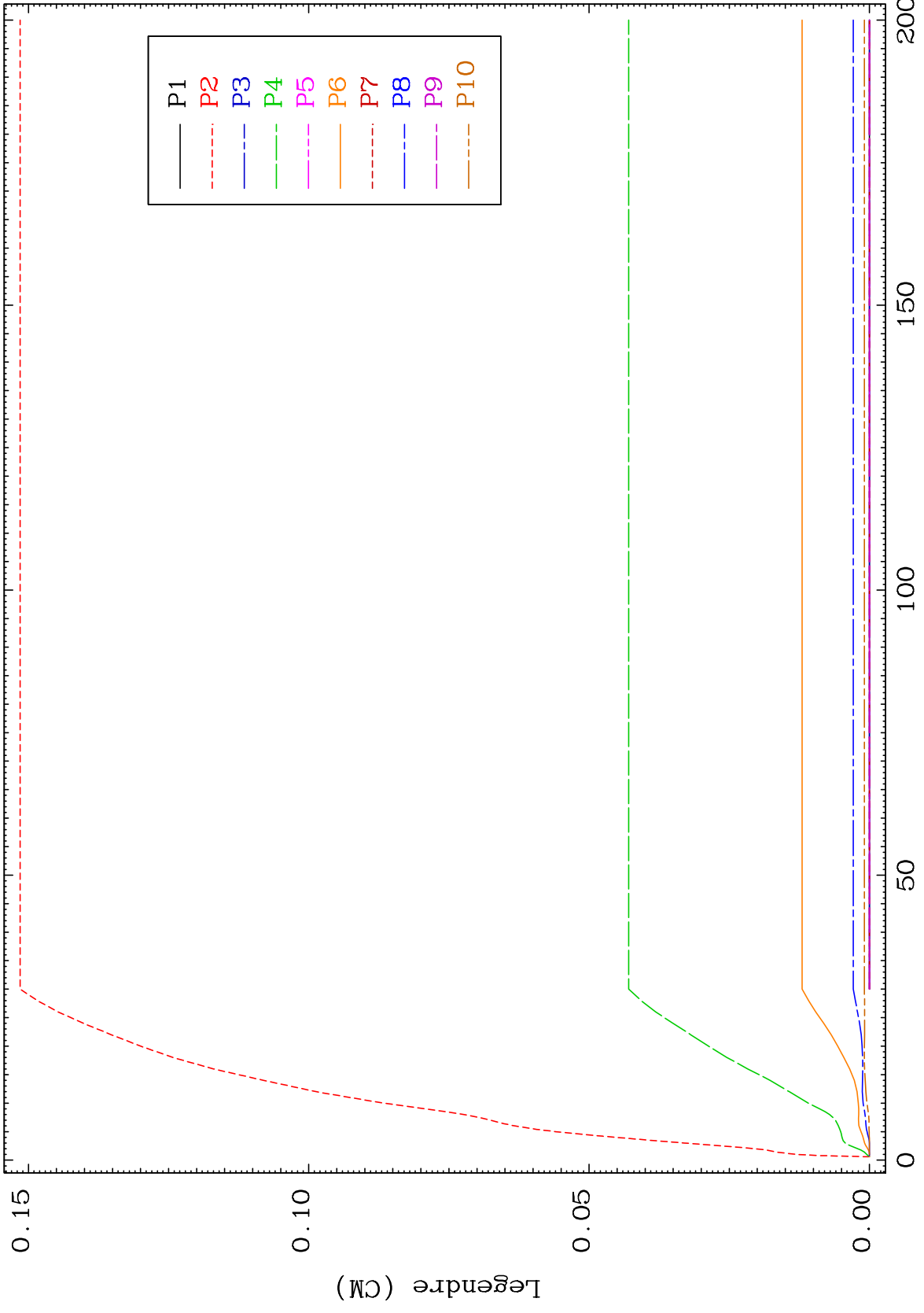


46

81-Tl-194

81-Tl-194

MAT 8098 MT= 59 (n,n') Level Legendre Coefficients 81-T1-194



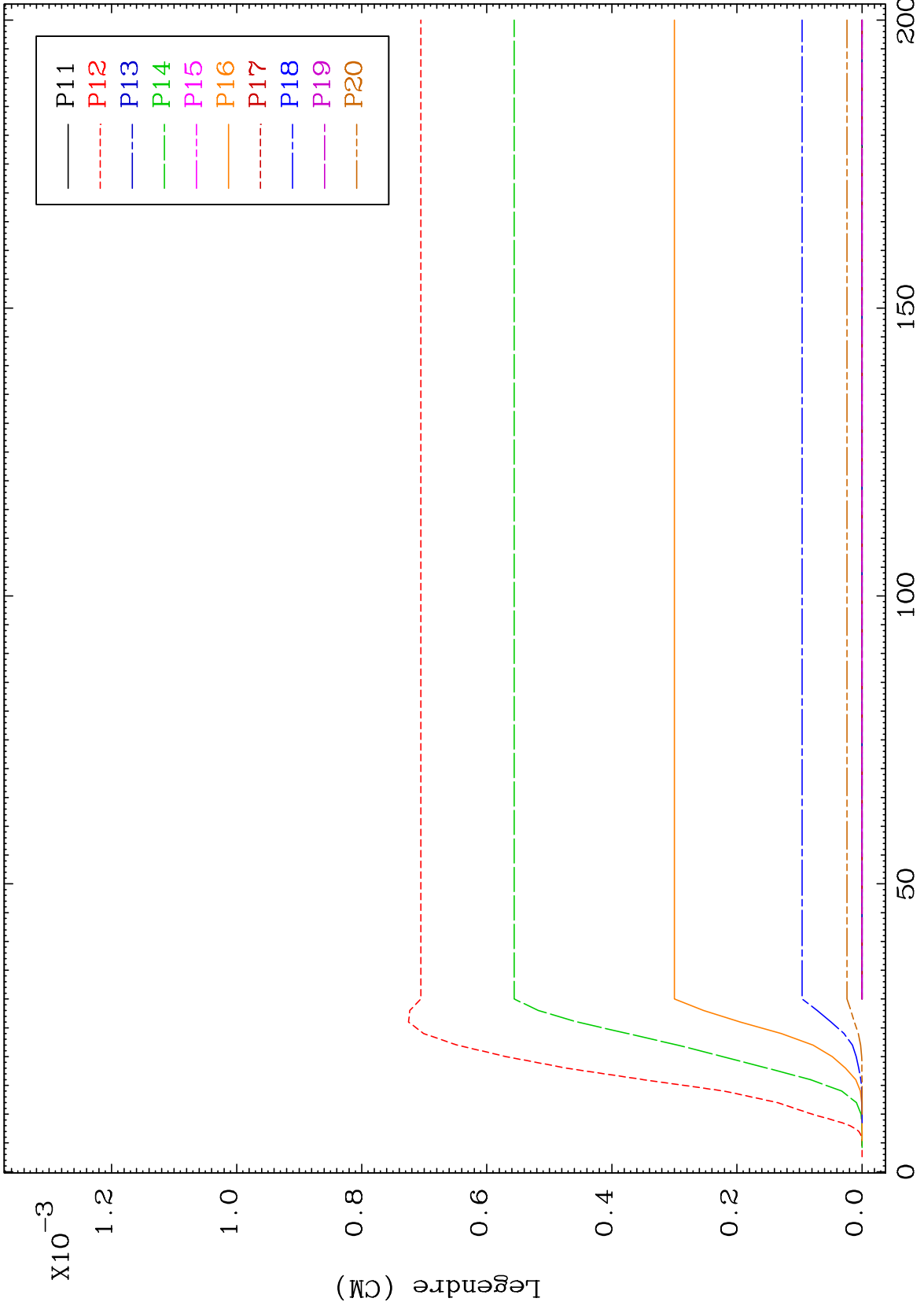
47 81-T1-194



MAT 8098

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

81-Tl-194



48

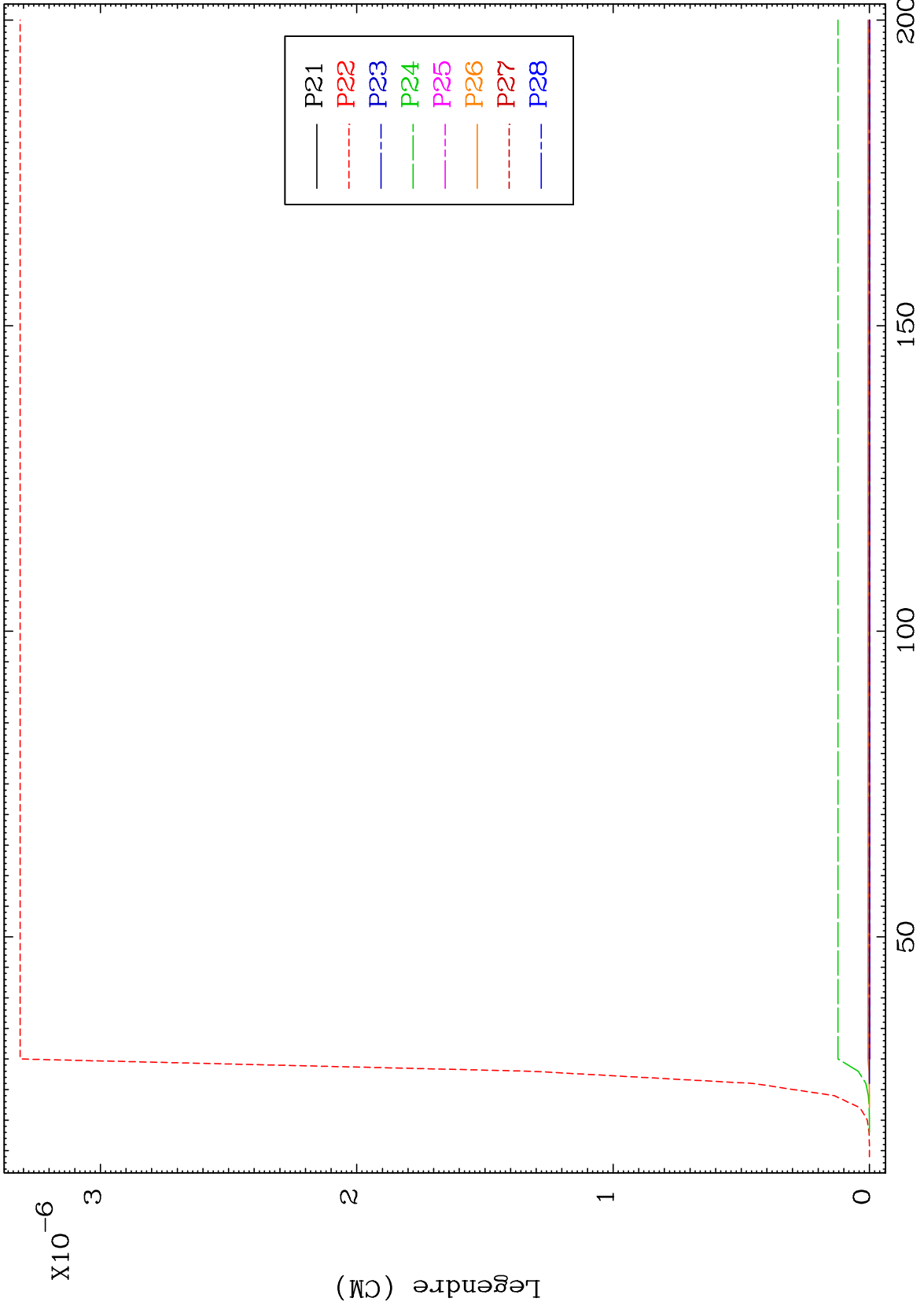
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



49

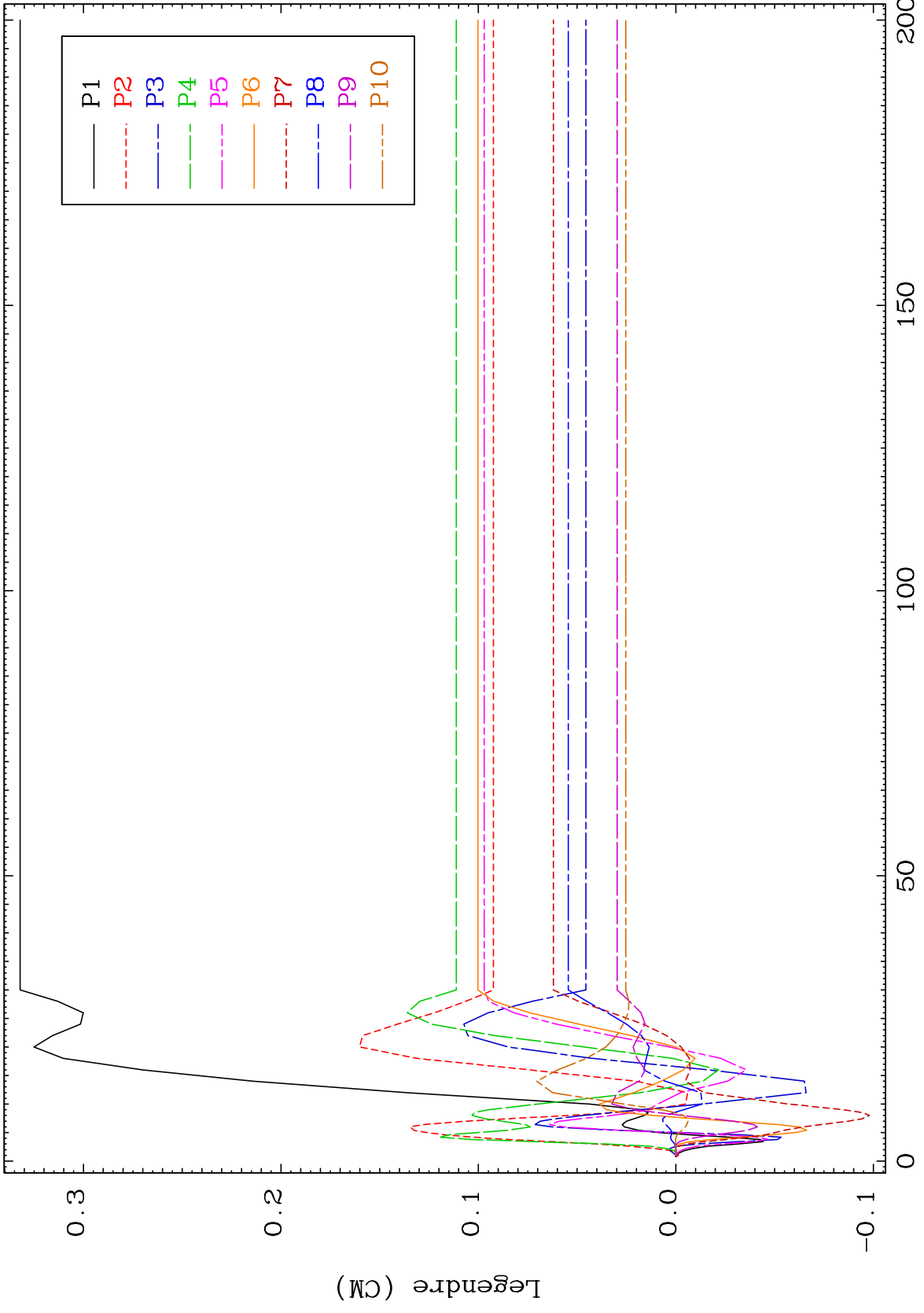
Incident Energy (MeV)

81-T1-194

MAT 8098

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

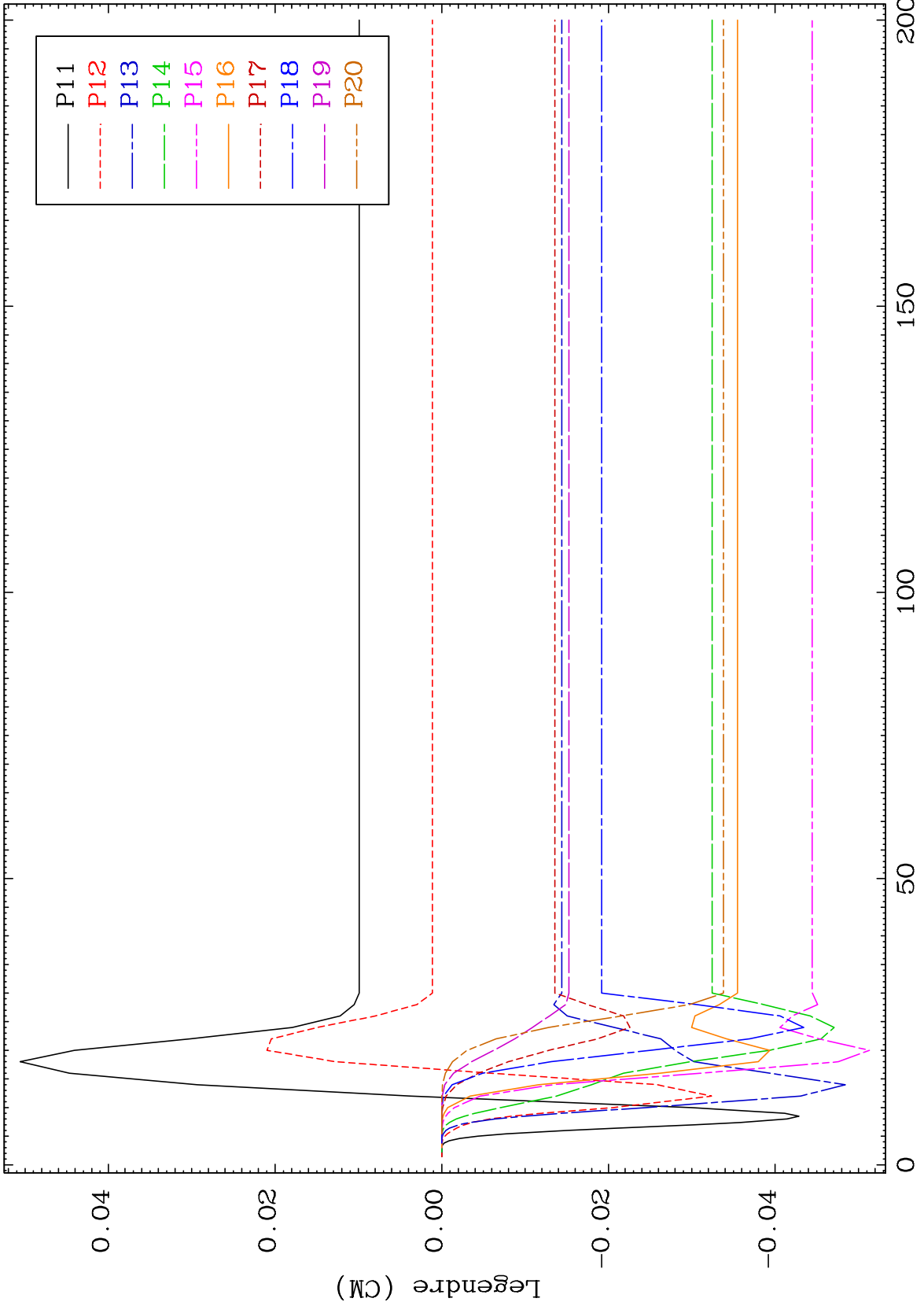
81-Tl-194



81-Tl-194

Incident Energy (MeV)

MAT 8098 MT= 60 (n,n') Level Legendre Coefficients 81-T1-194

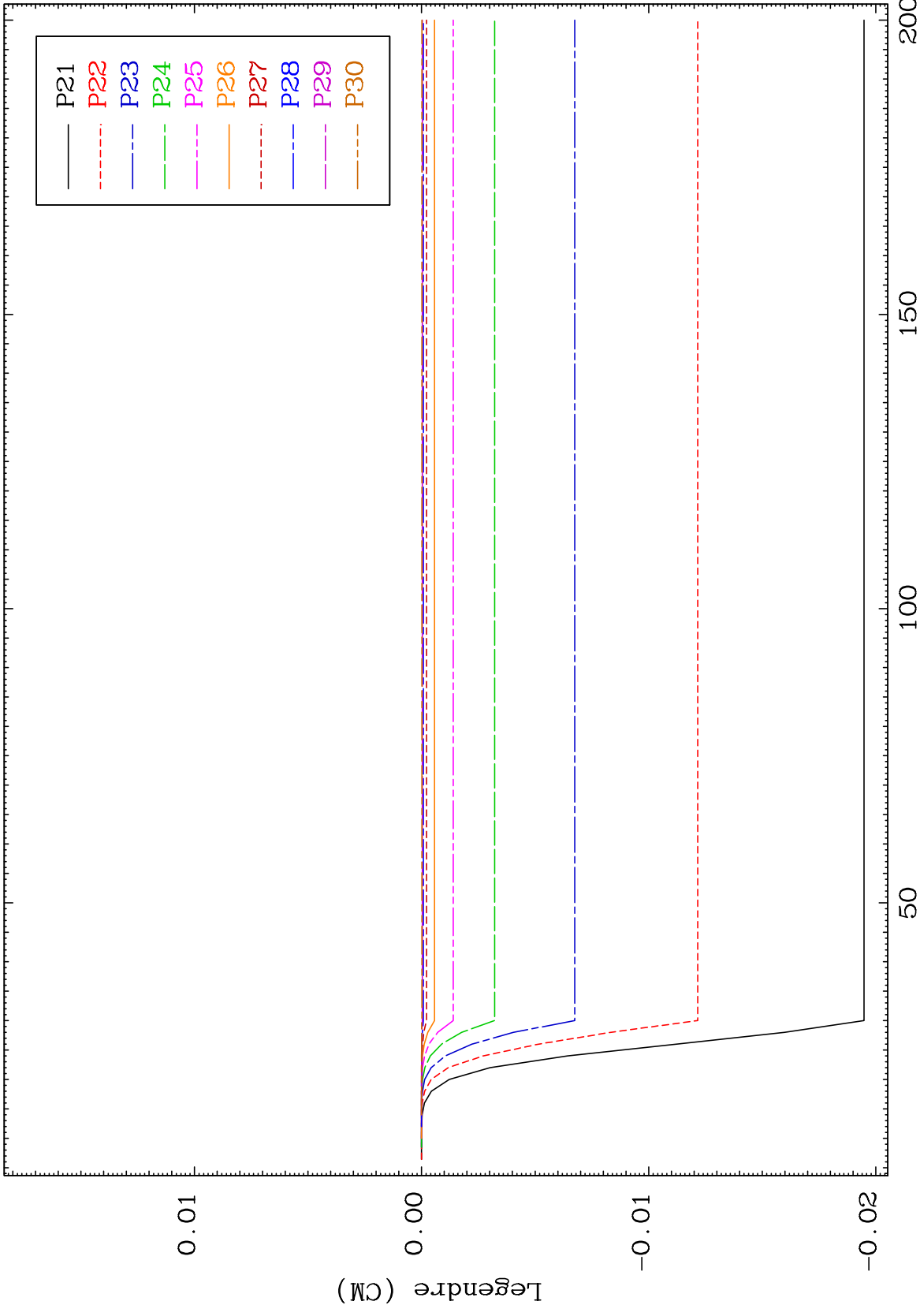


51 81-T1-194

MAT 8098

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

81-Tl-194



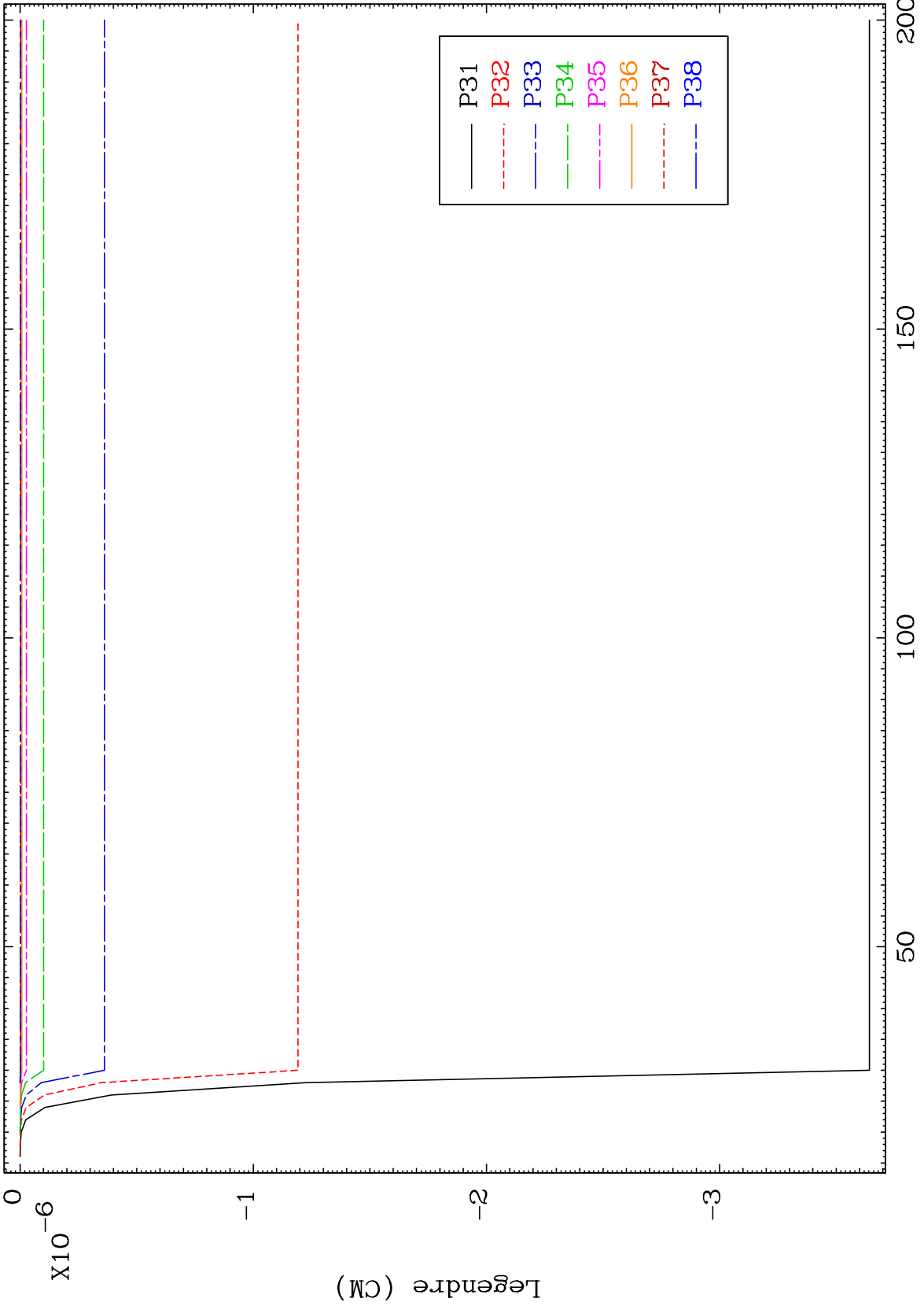
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Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 60 (n,n') Level 81-Tl-194

Legendre Coefficients

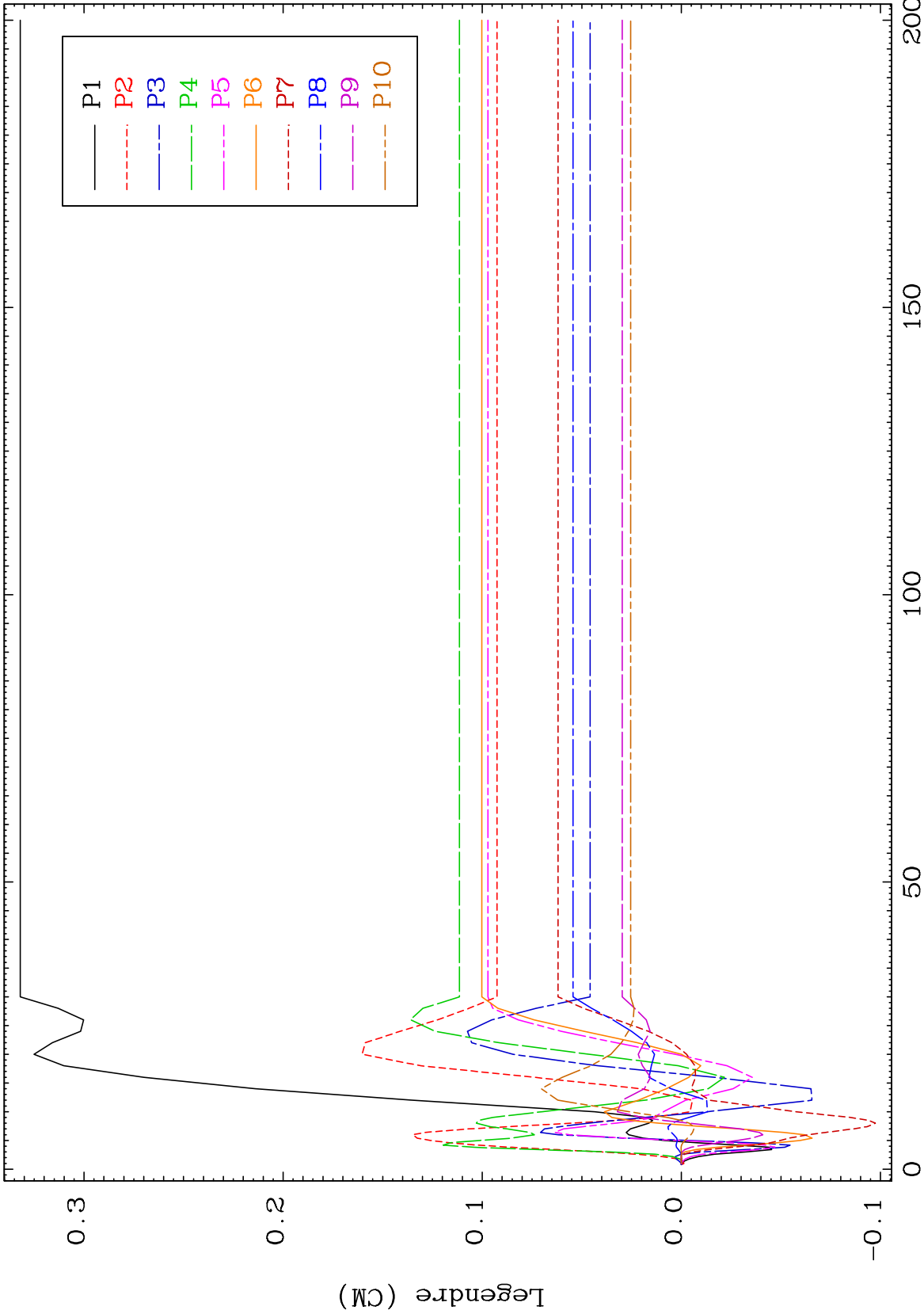


53 81-Tl-194

MAT 8098

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

81-Tl-194

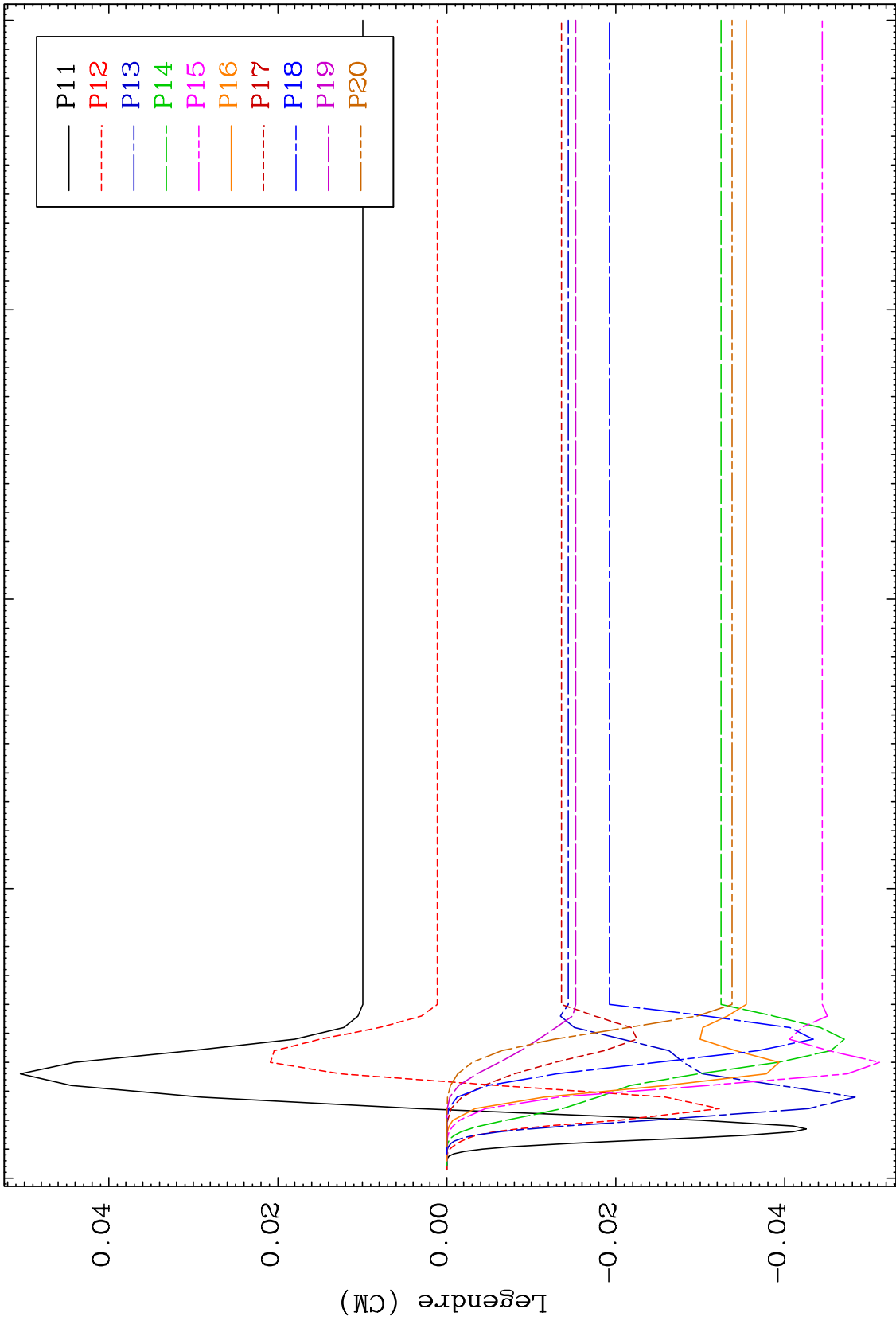


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Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 61 (n,n') Level Legendre Coefficients 81-T1-194



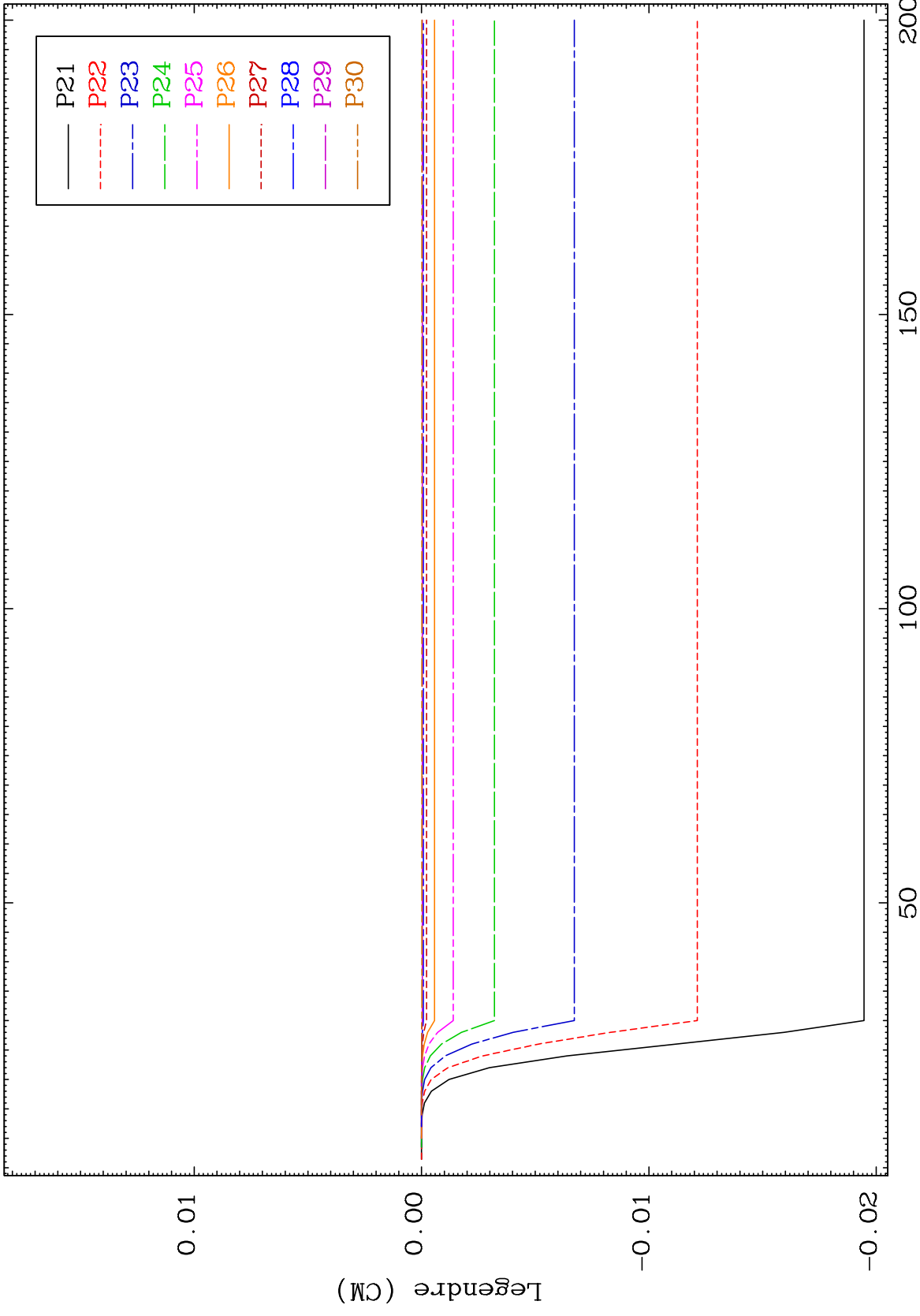
81-T1-194



MAT 8098

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

81-Tl-194



56

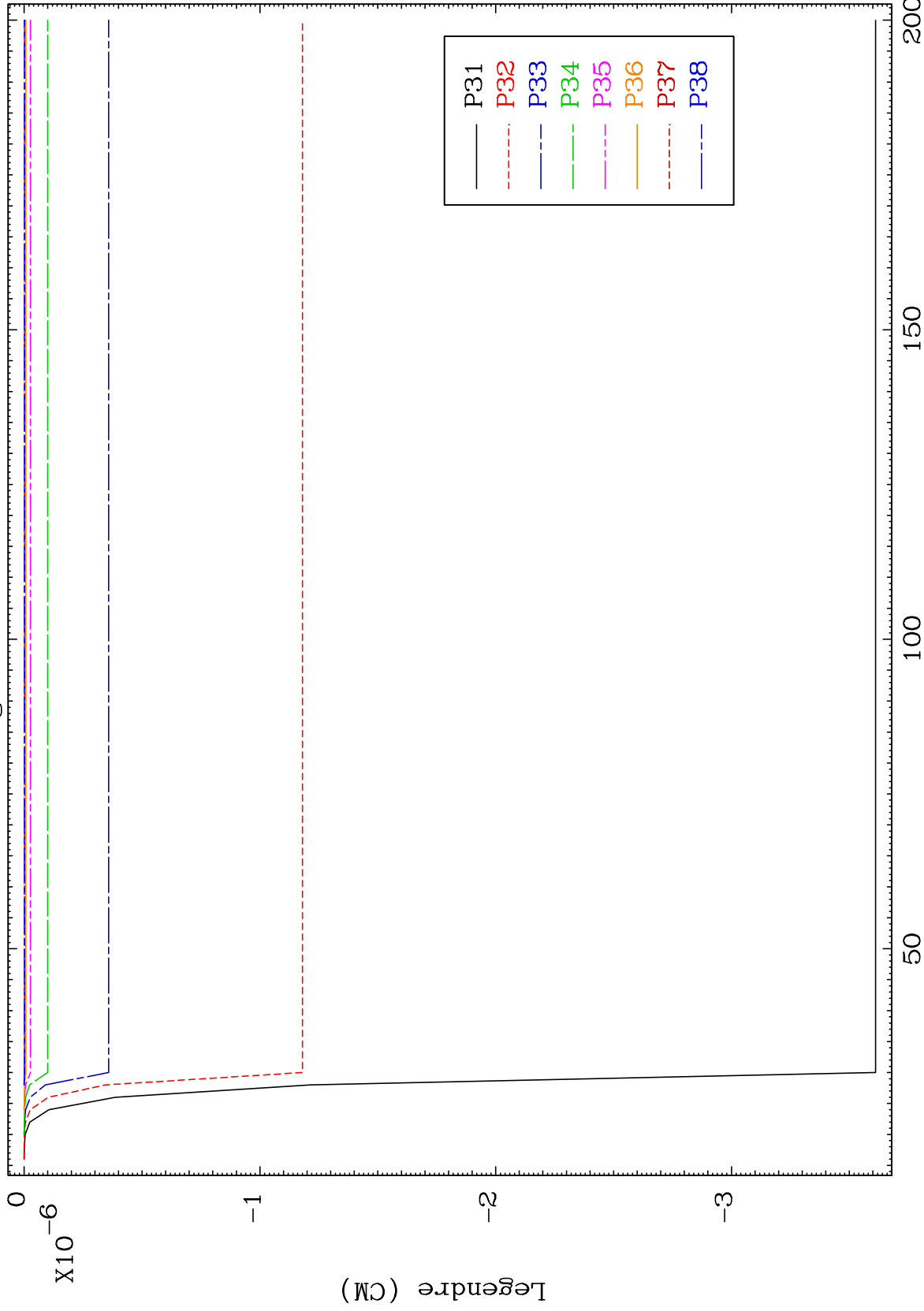
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



57

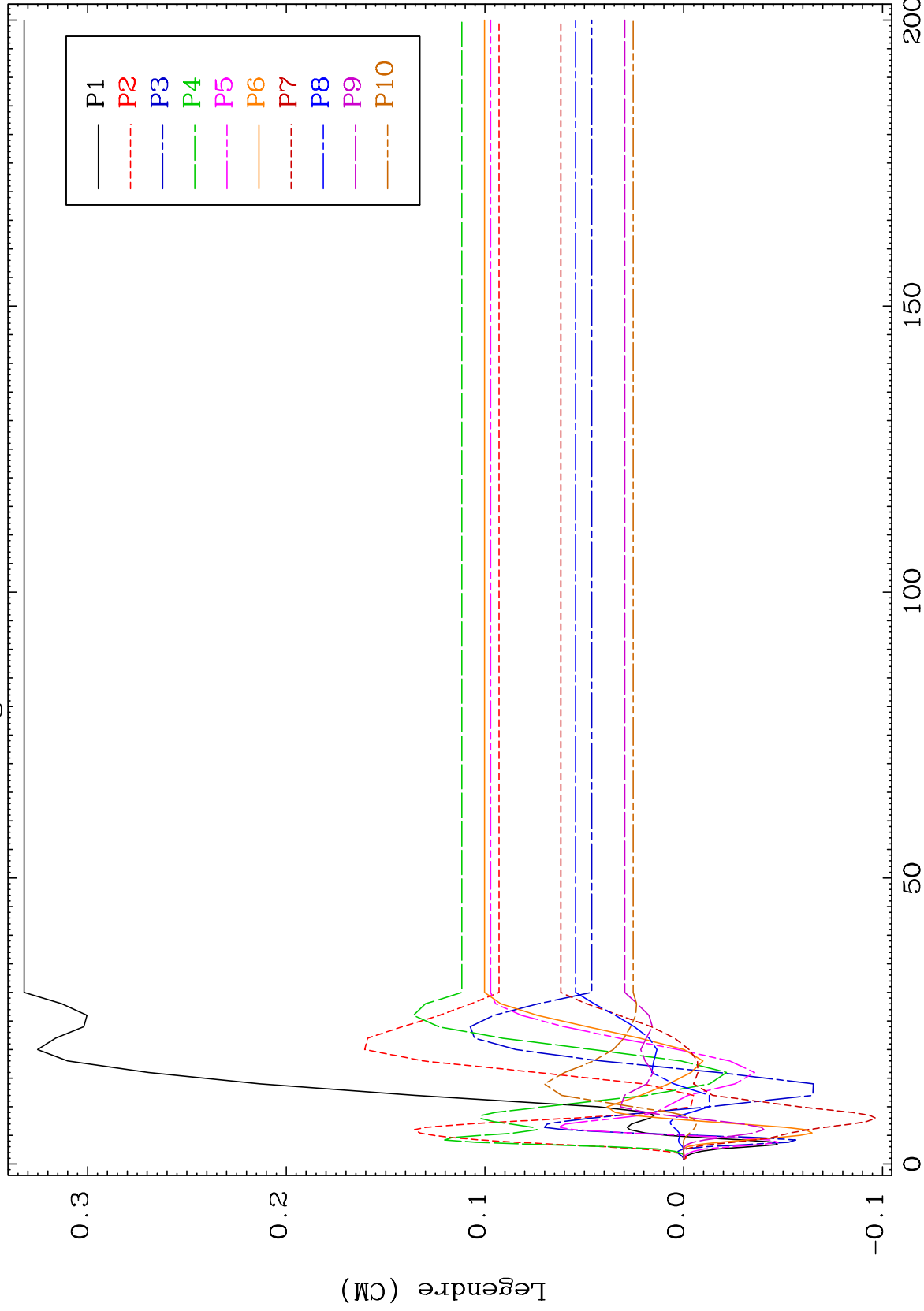
81-T1-194

81-T1-194

MAT 8098

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

81-Tl-194

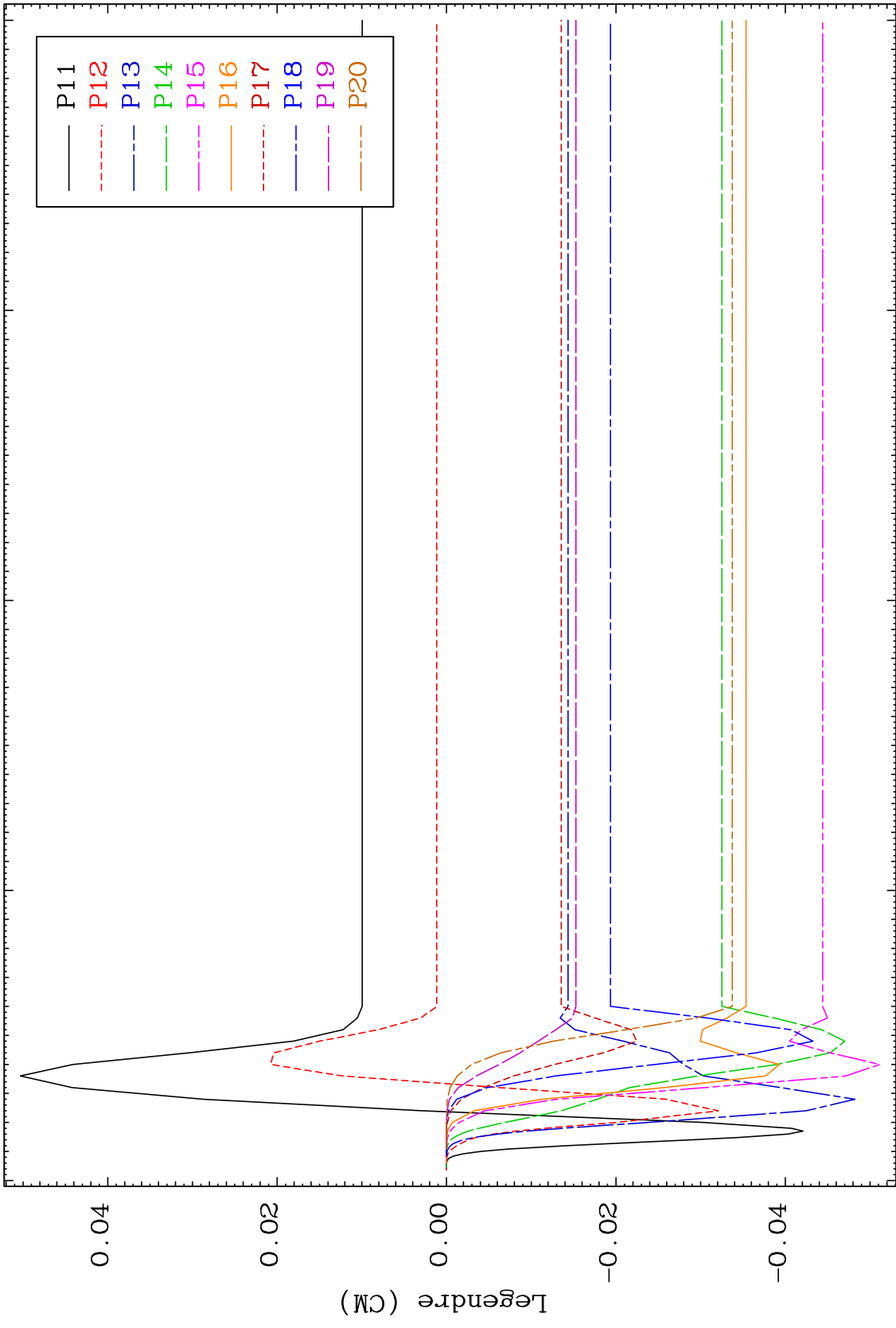


58

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 62 (n,n') Level Legendre Coefficients 81-T1-194

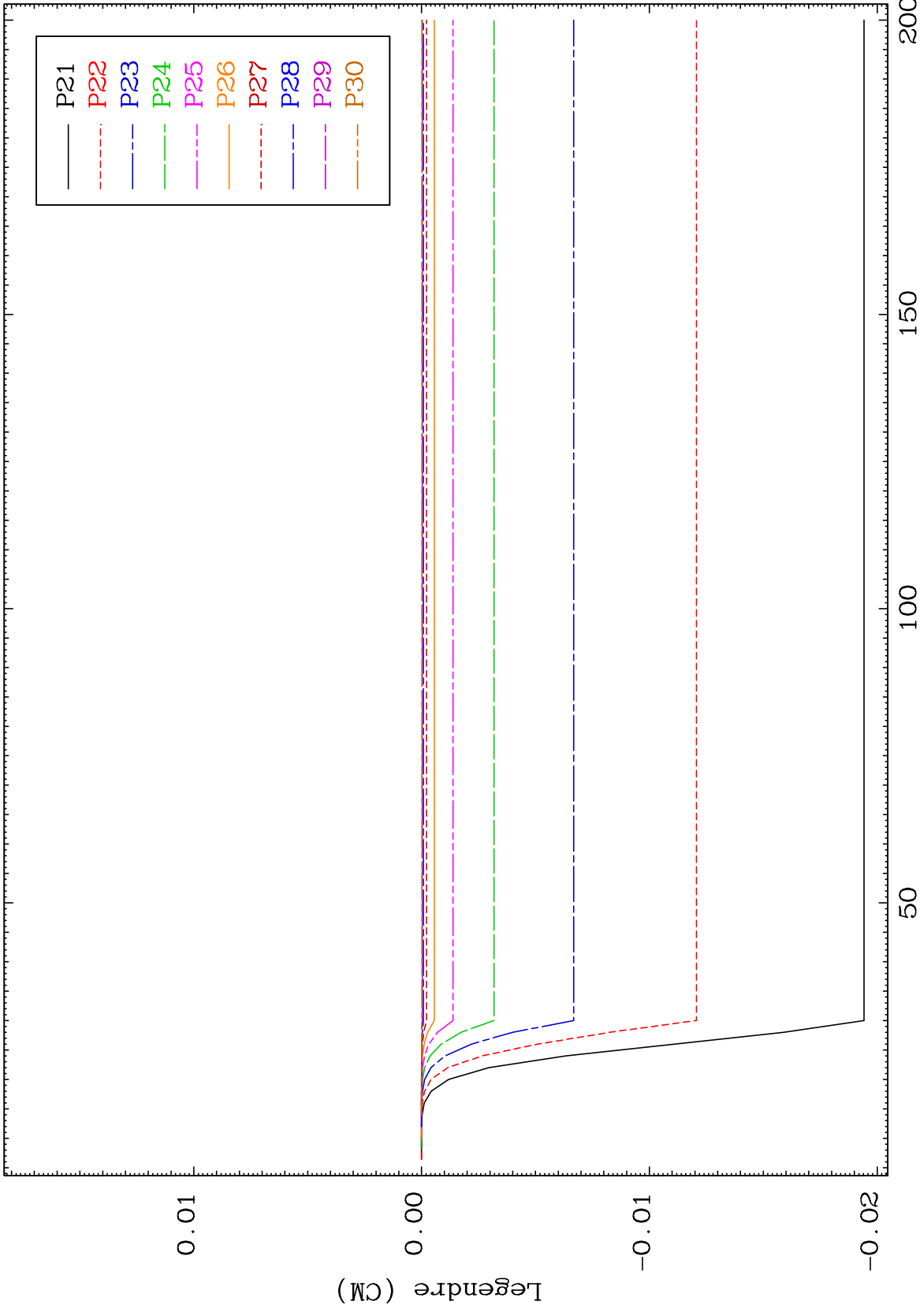


59 81-T1-194

MAT 8098

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

81-Tl-194

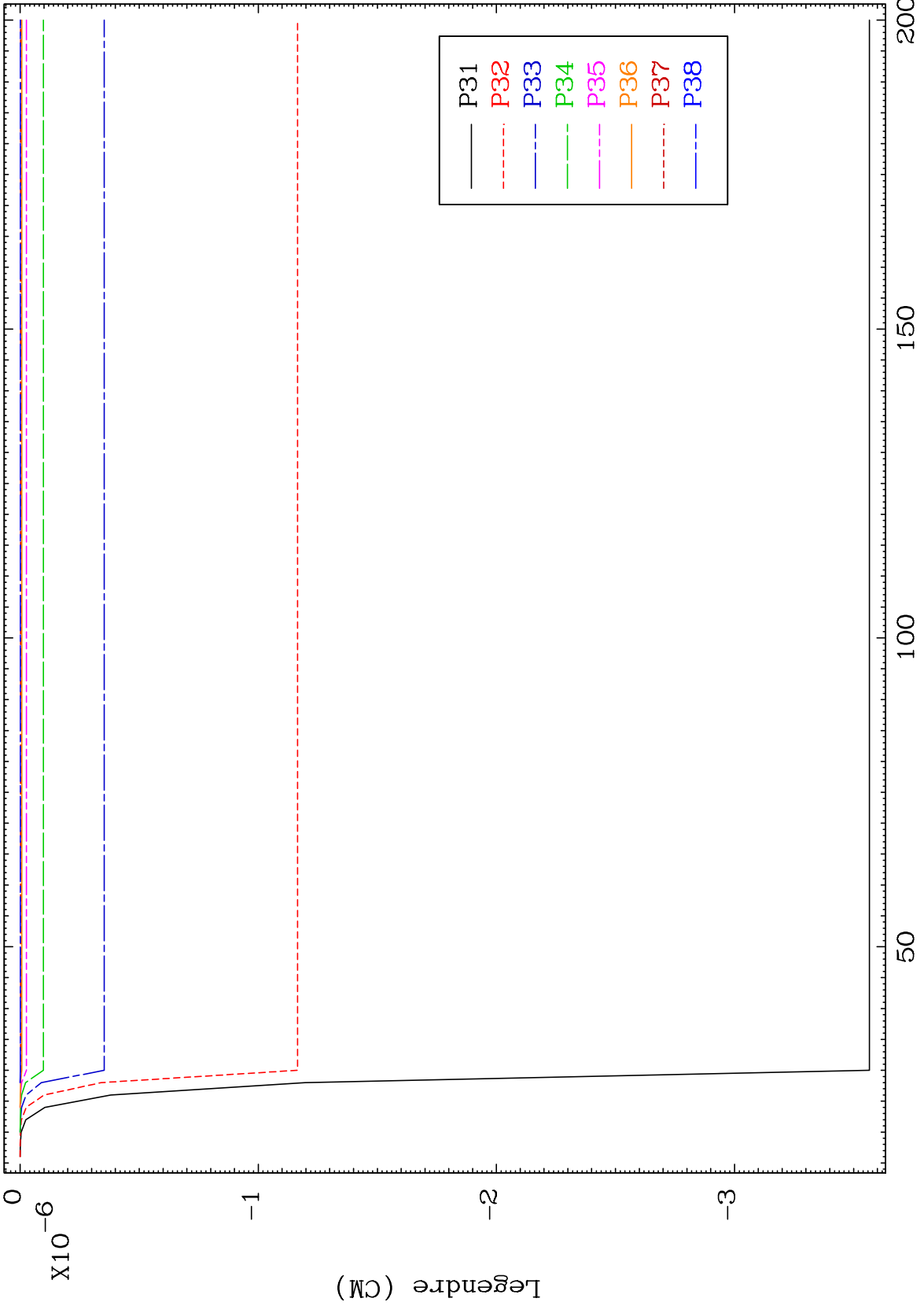


60

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 62 (n,n') Level Legendre Coefficients 81-T1-194

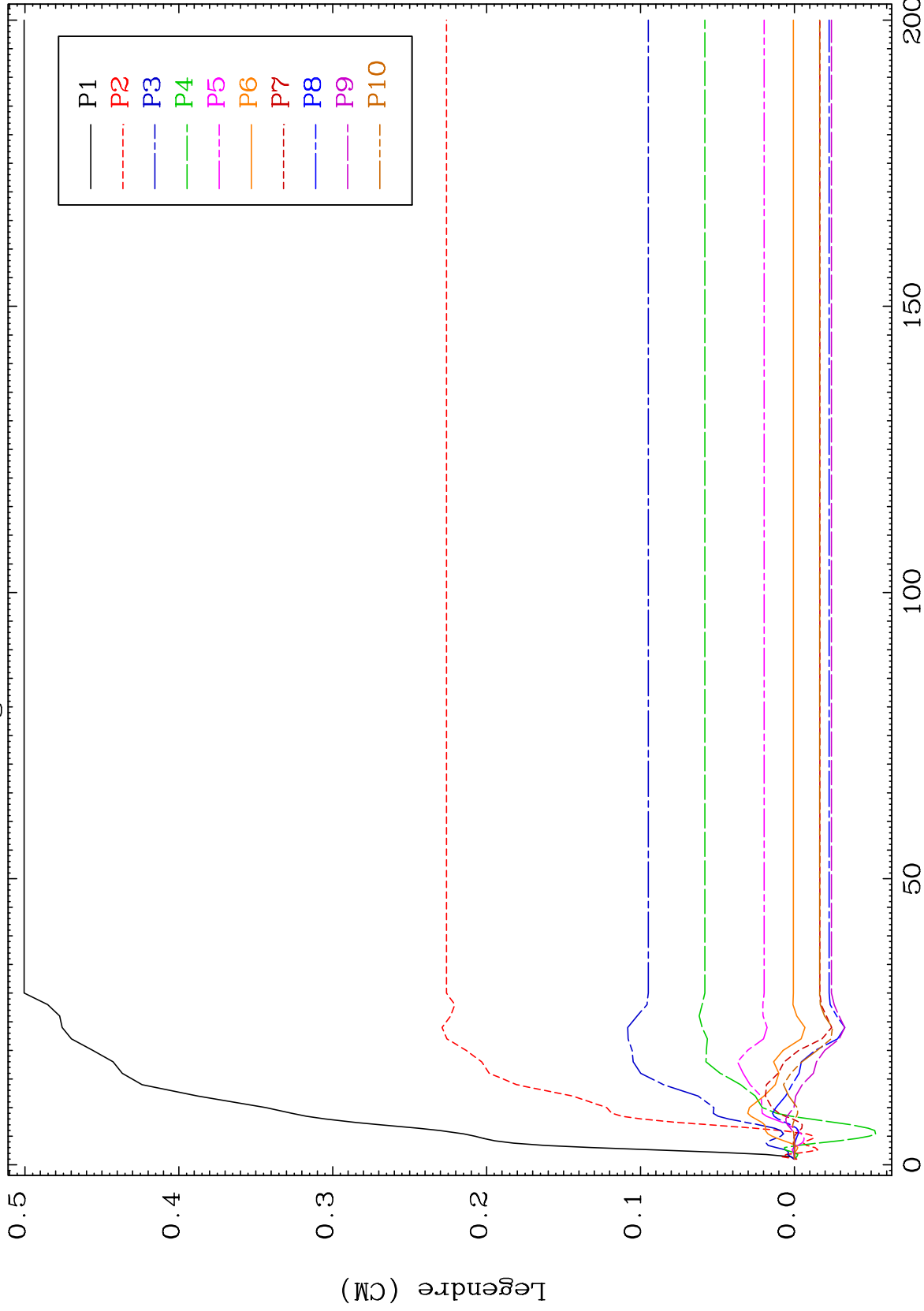


61 Incident Energy (MeV) 81-T1-194

MAT 8098

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

81-T1-194



62

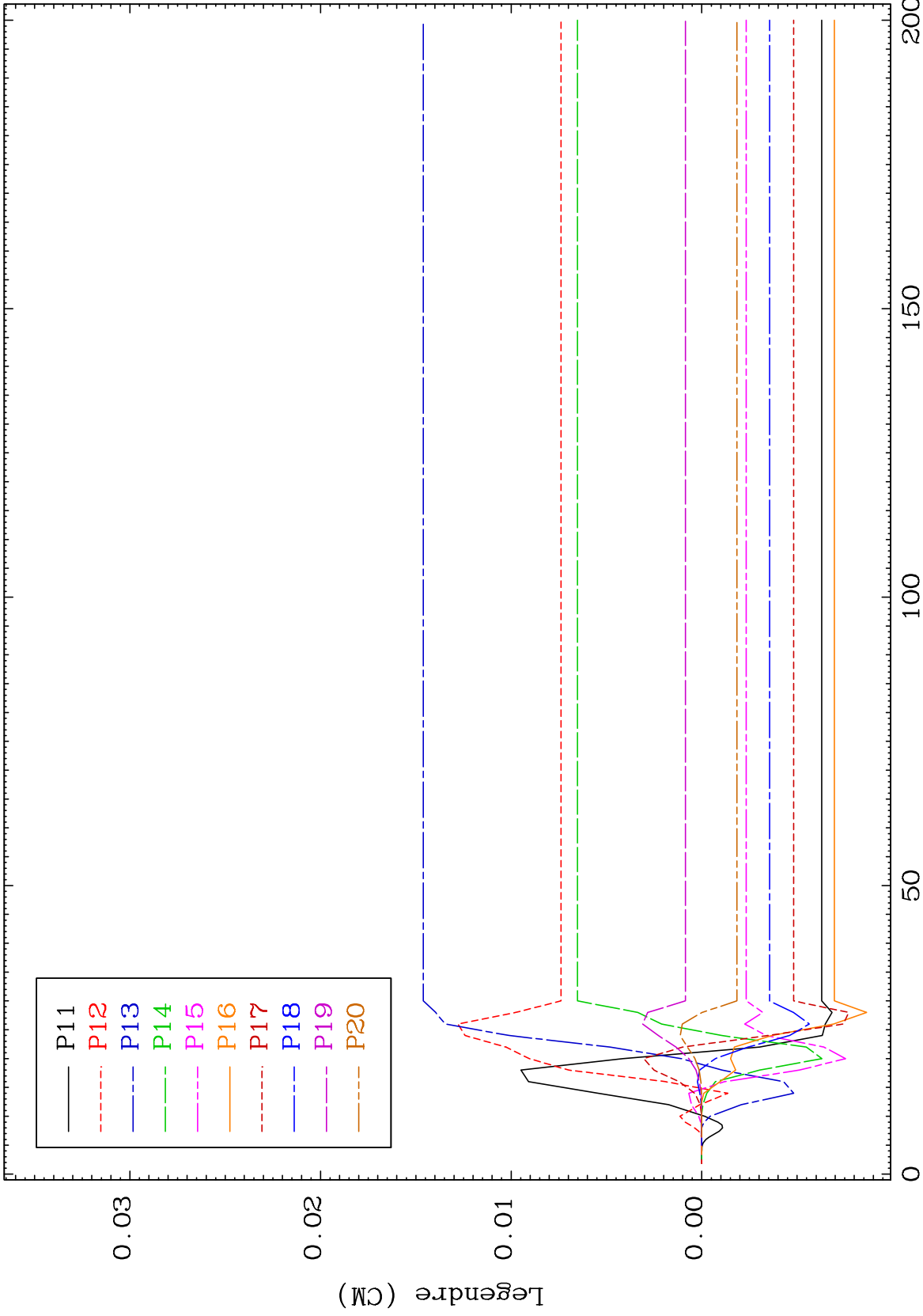
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-Tl-194



63

Incident Energy (MeV)

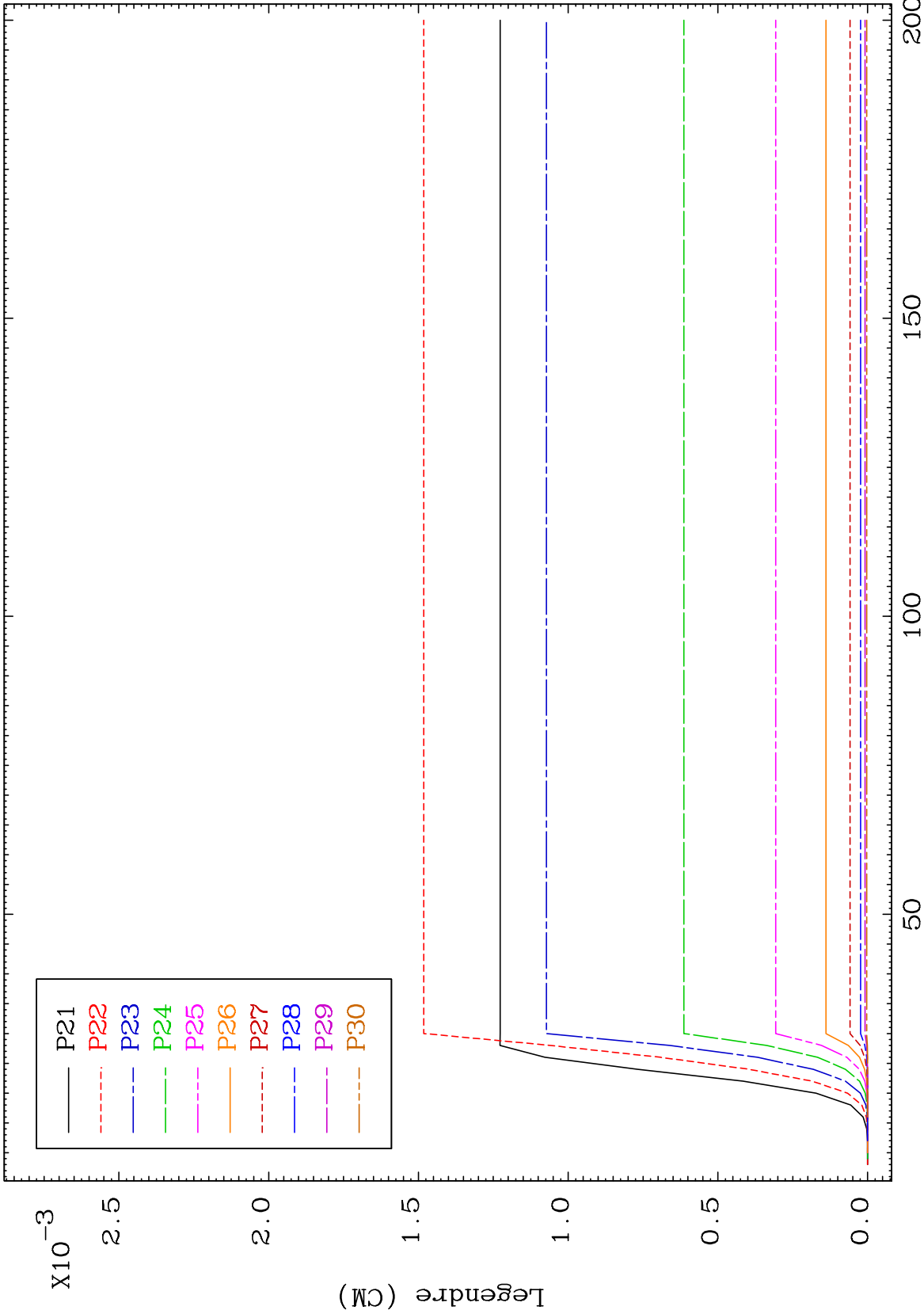
81-Tl-194



MAT 8098

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

81-Tl-194



64

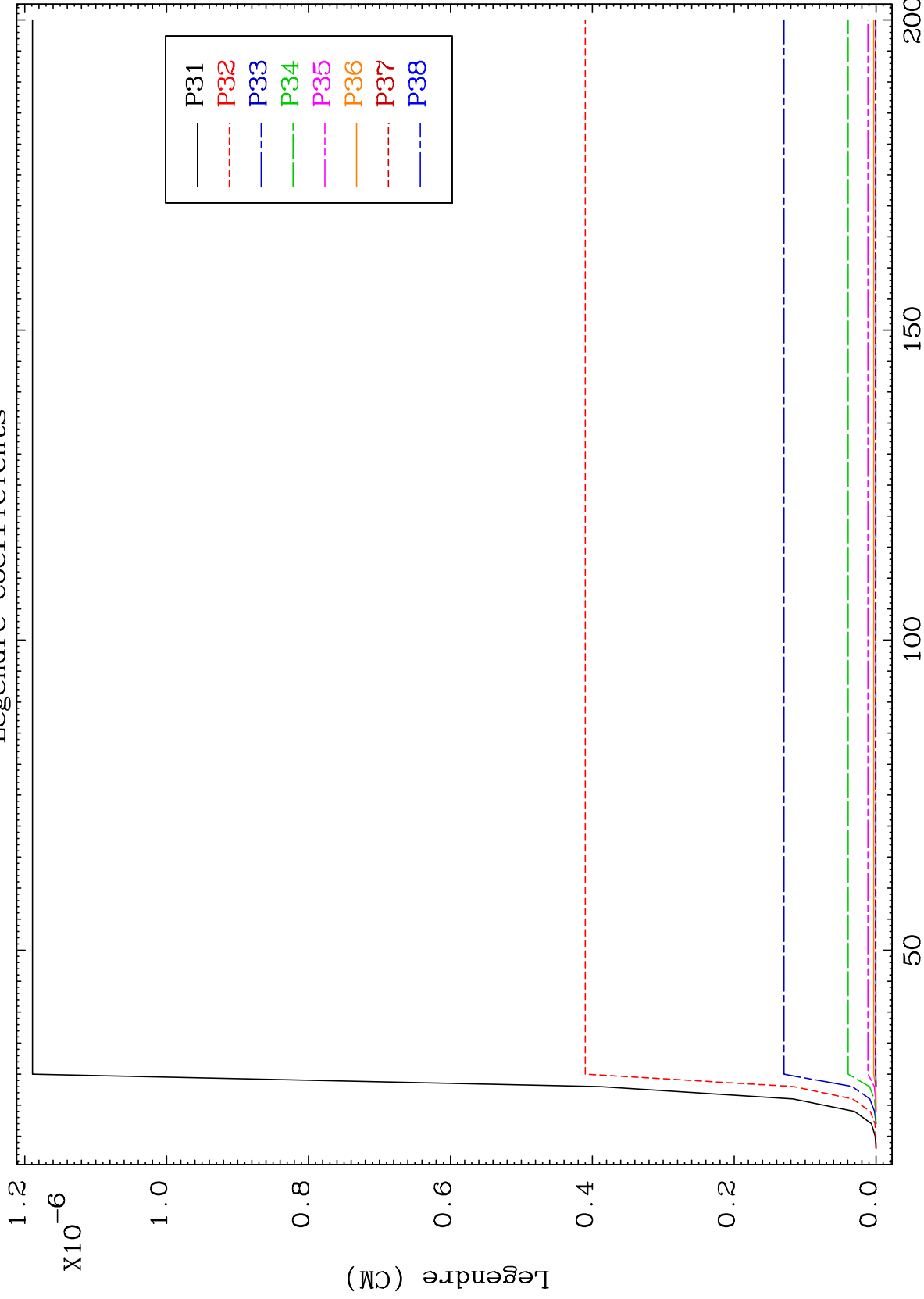
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



65

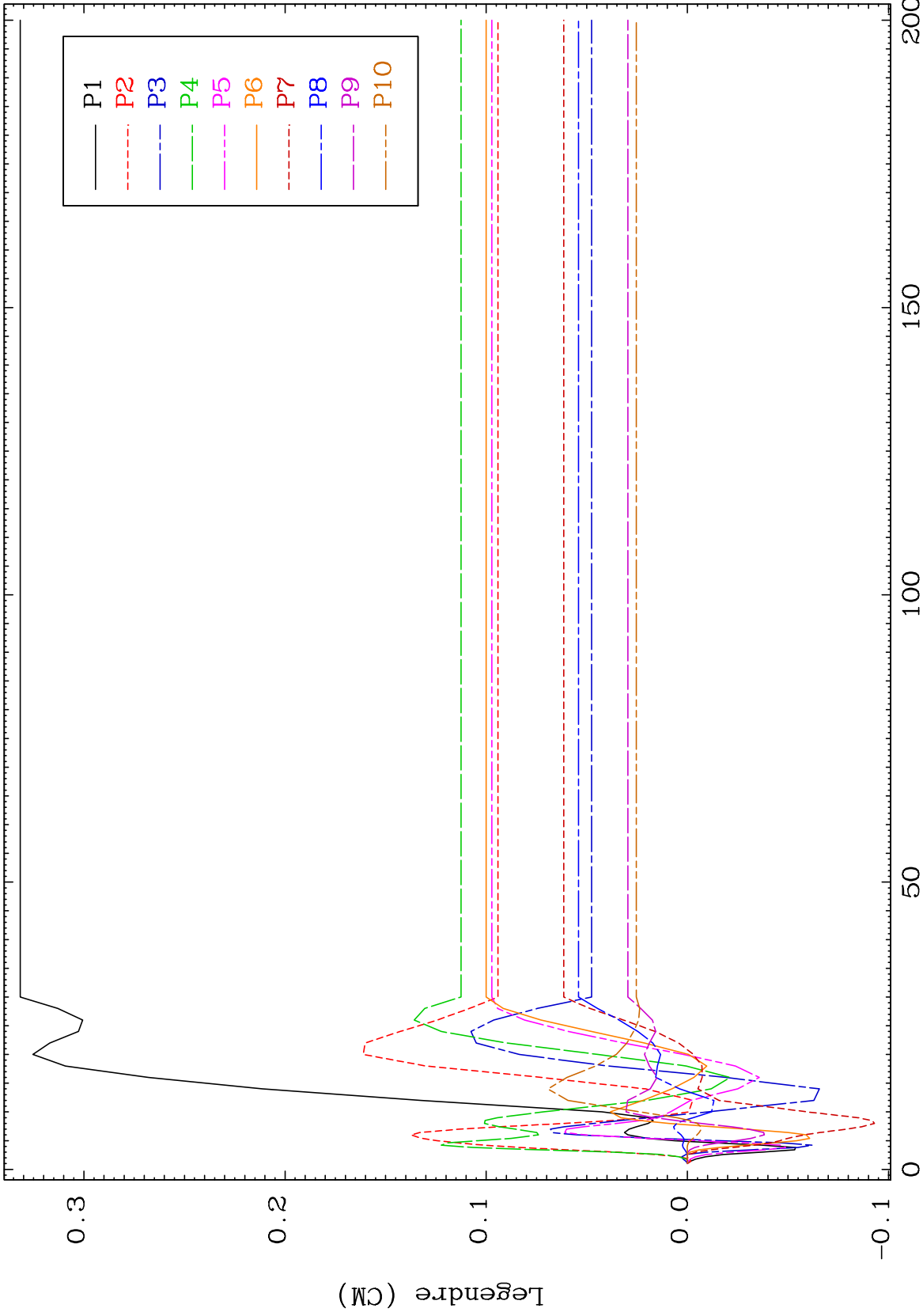
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-Tl-194



66

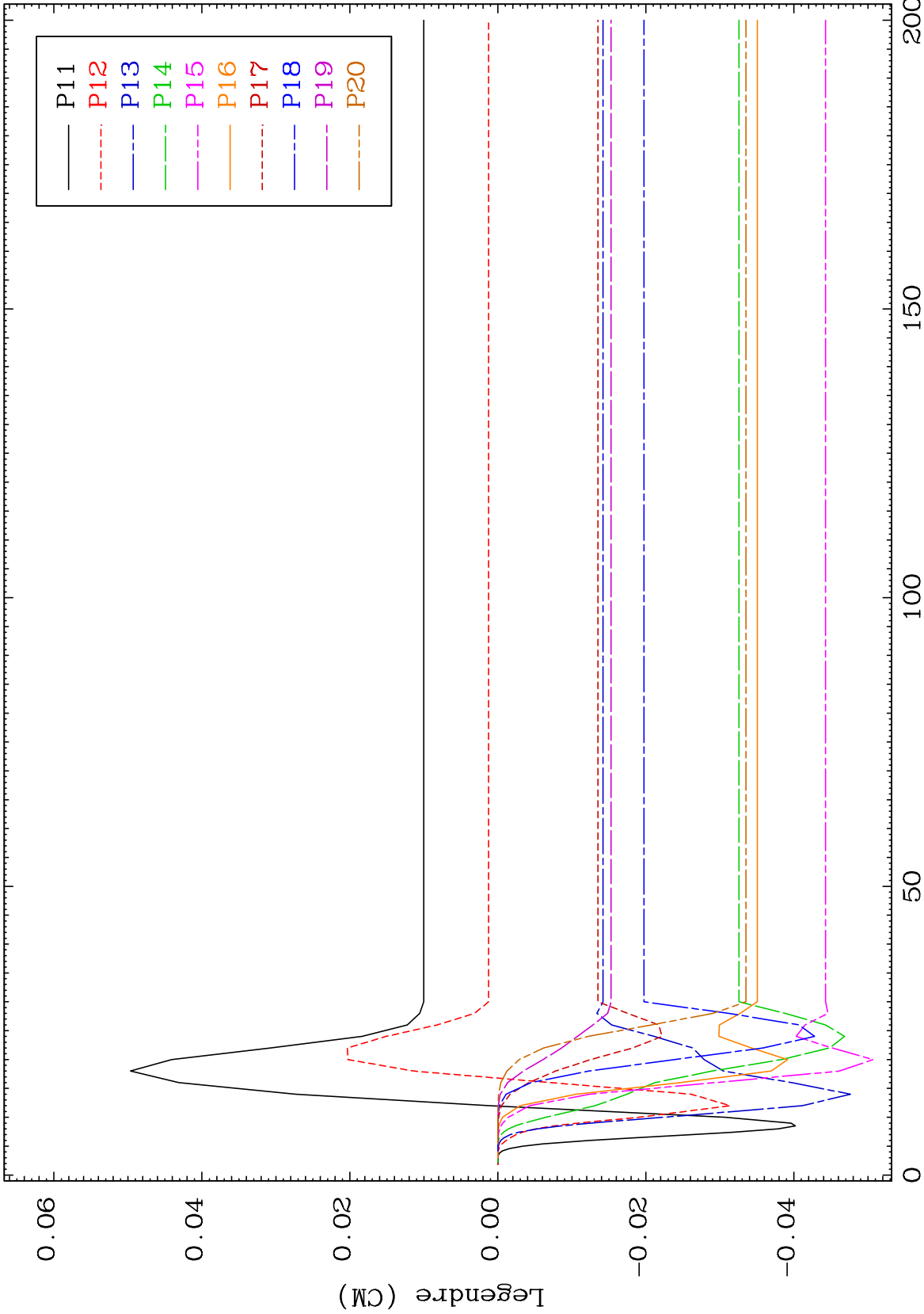
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



67

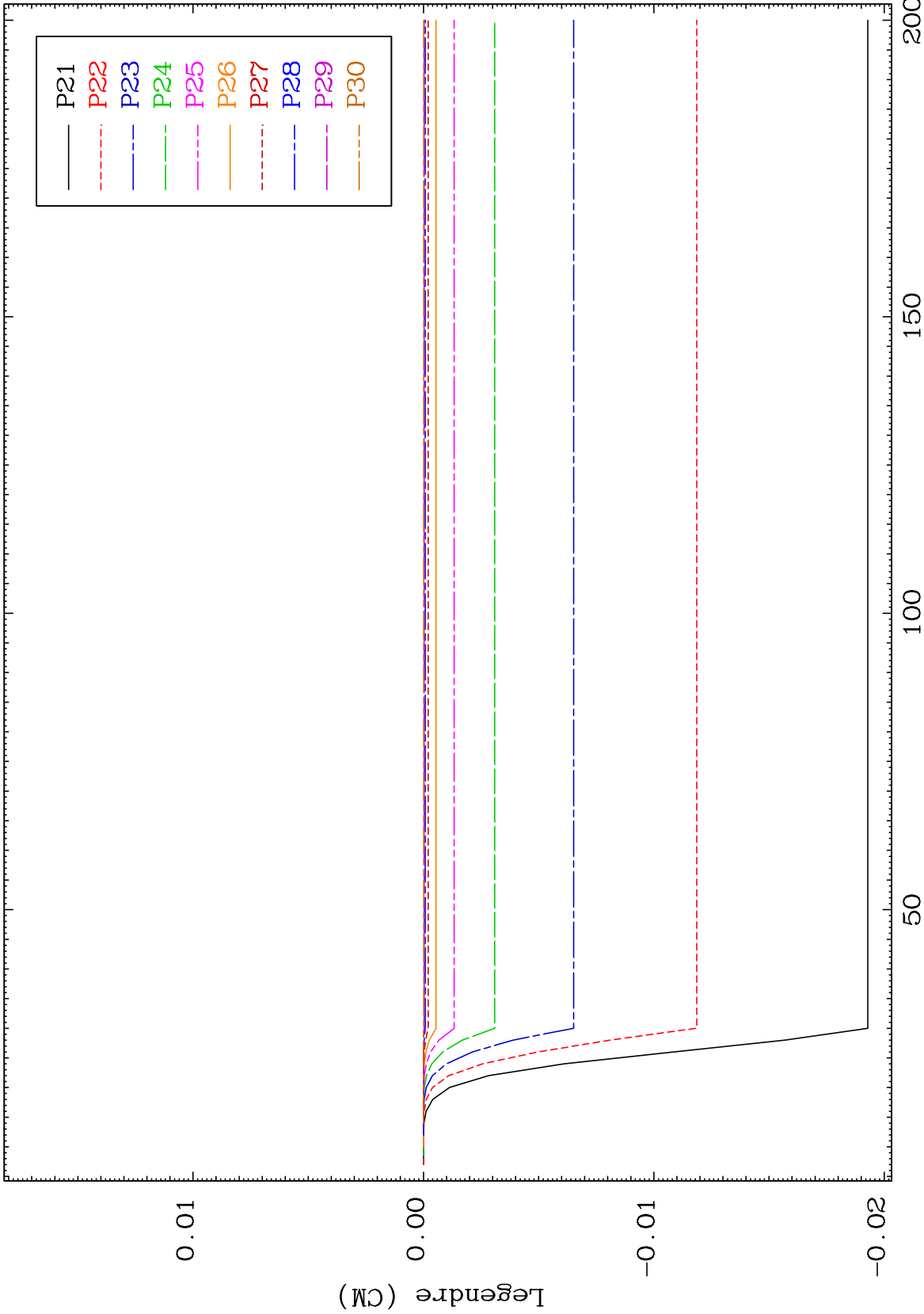
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



68

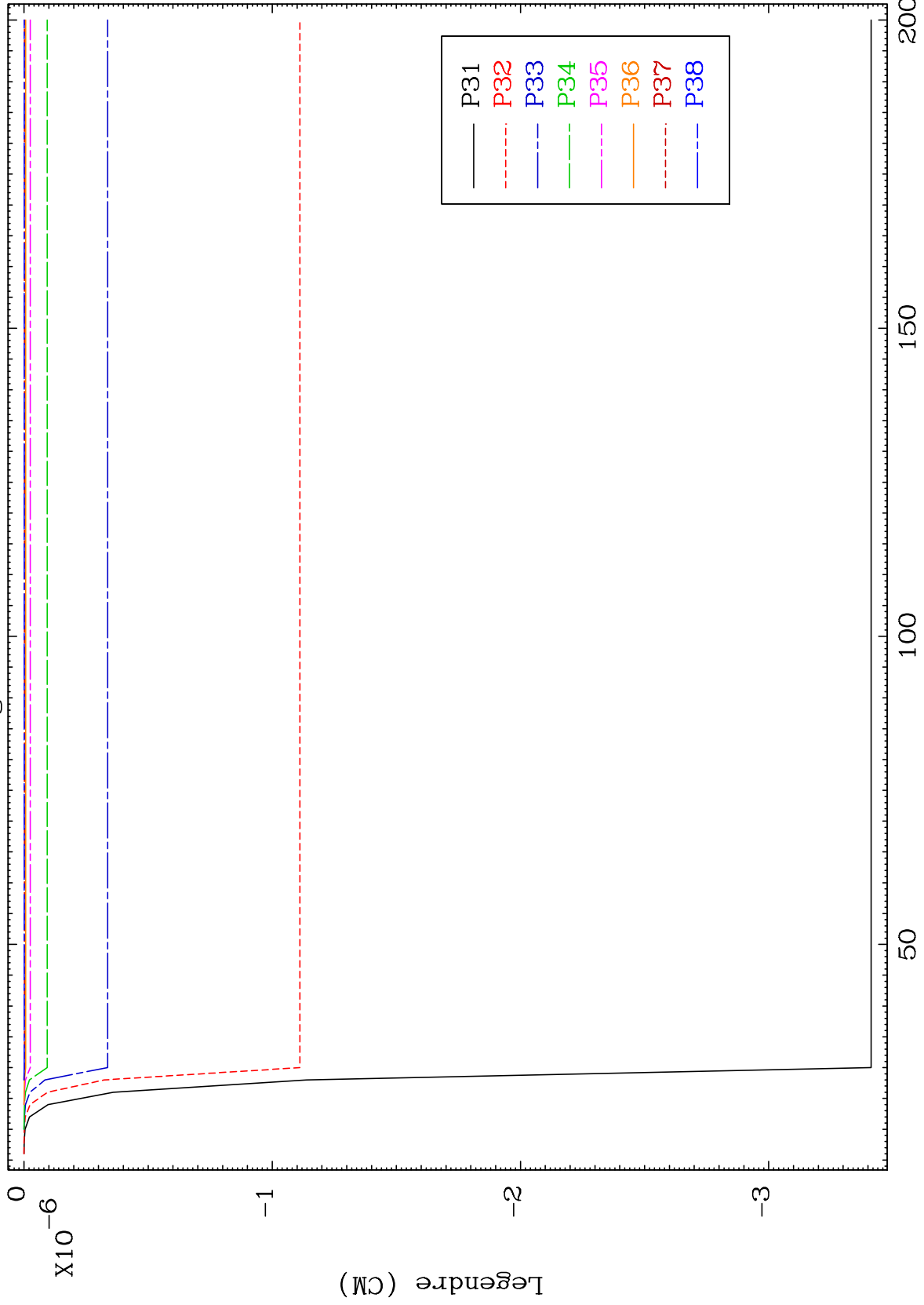
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



81-Tl-194

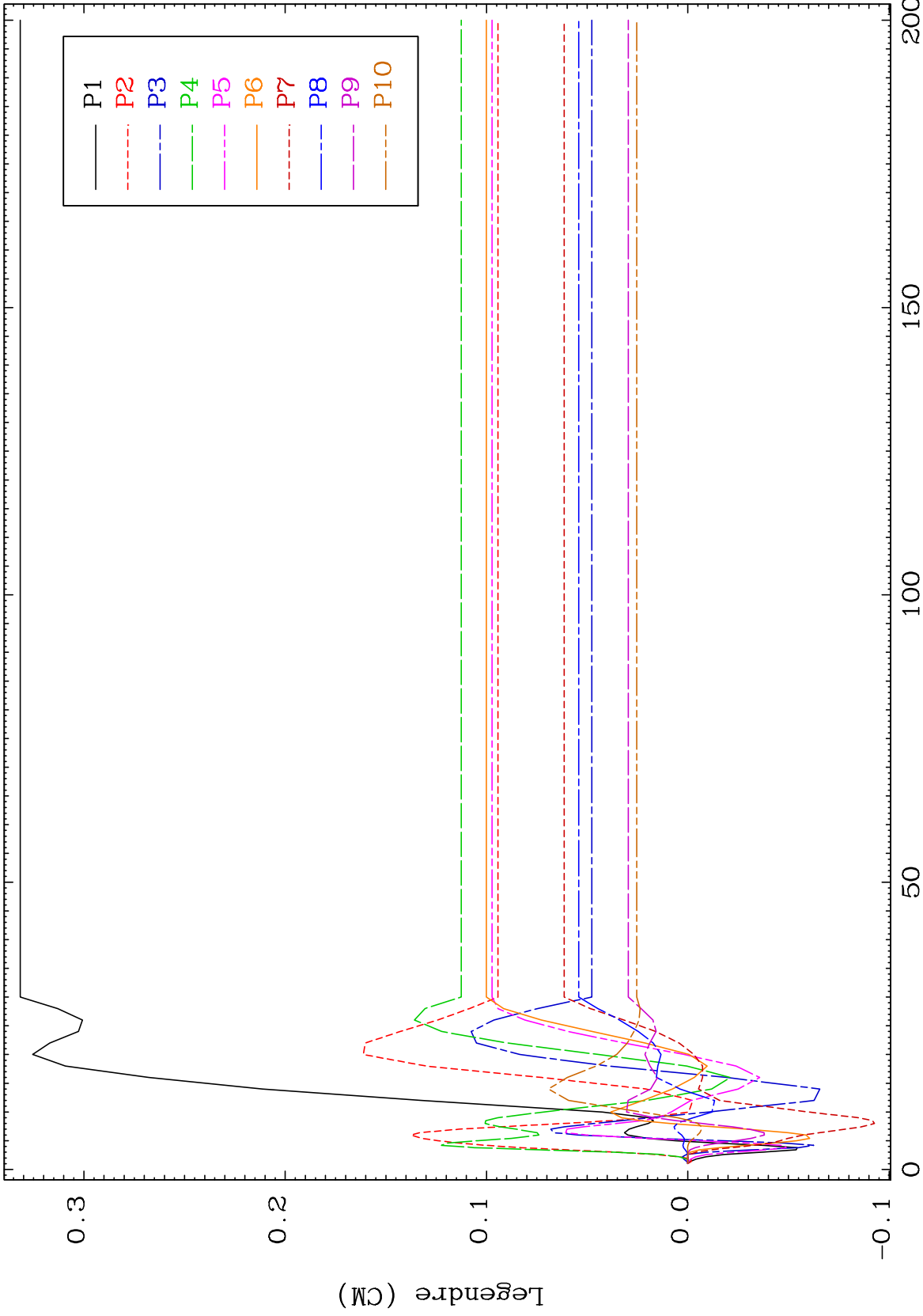
Incident Energy (MeV)

69

MAT 8098

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

81-Tl-194



70

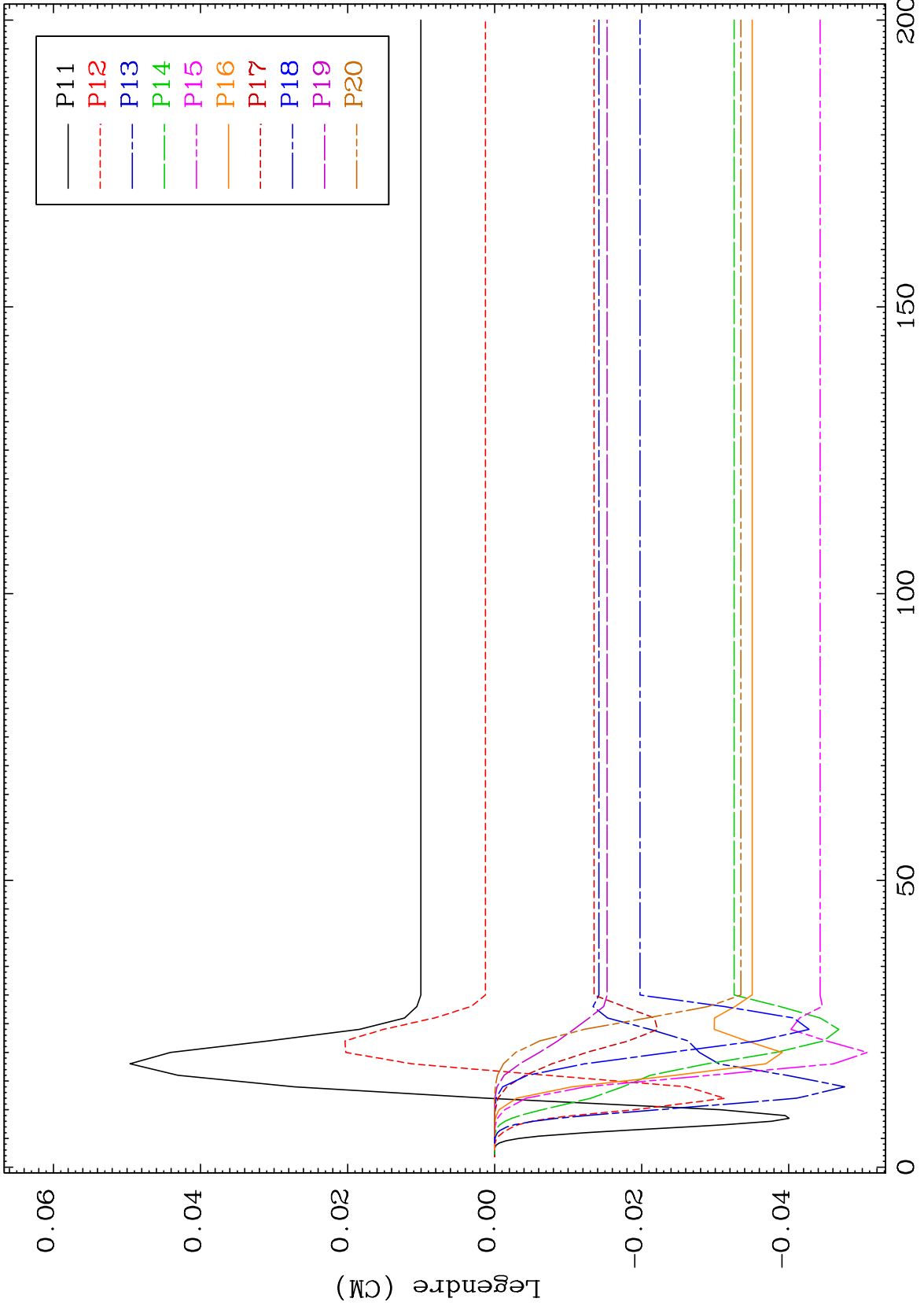
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194



71

Incident Energy (MeV)

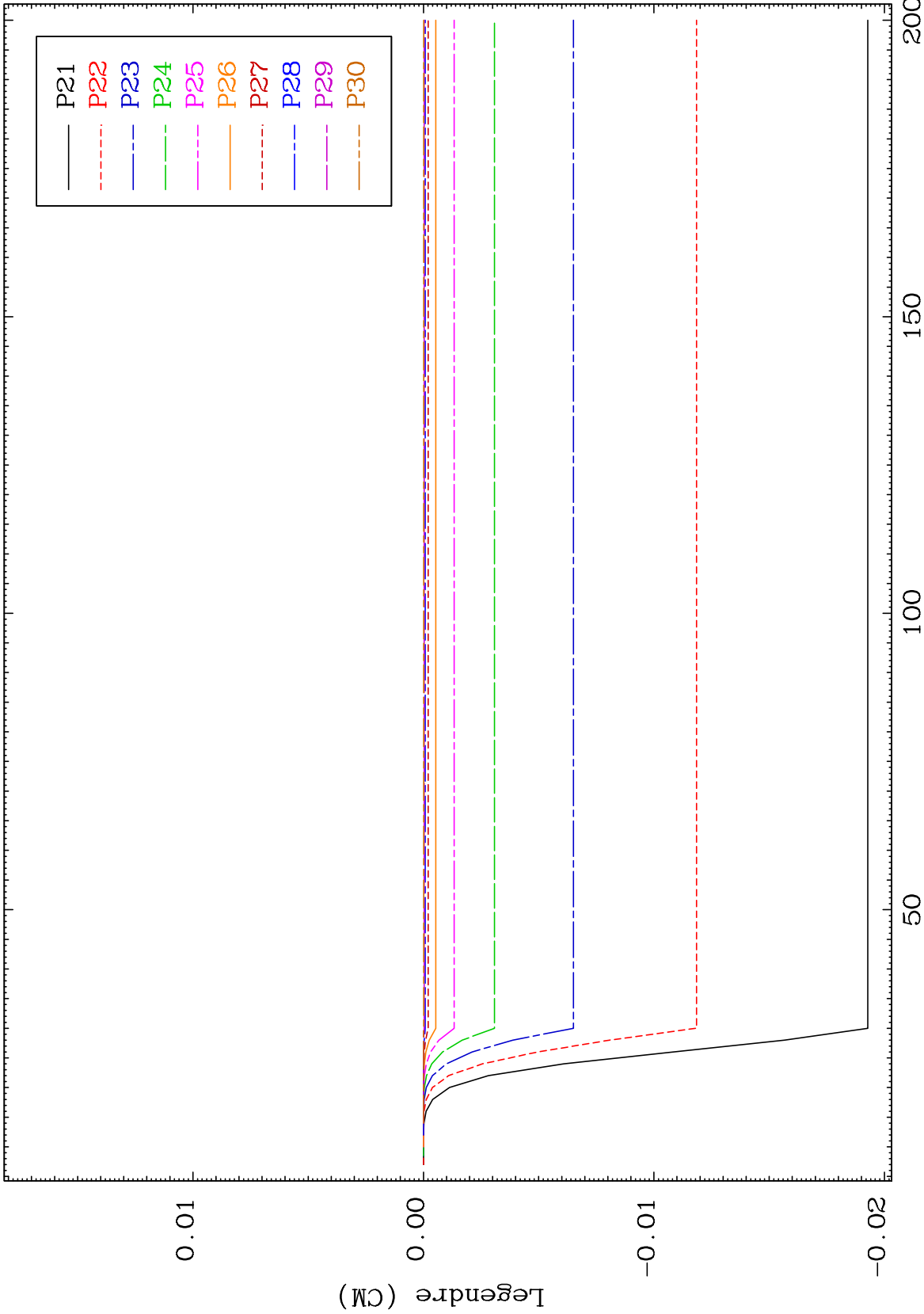
81-T1-194



MAT 8098

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

81-Tl-194



72

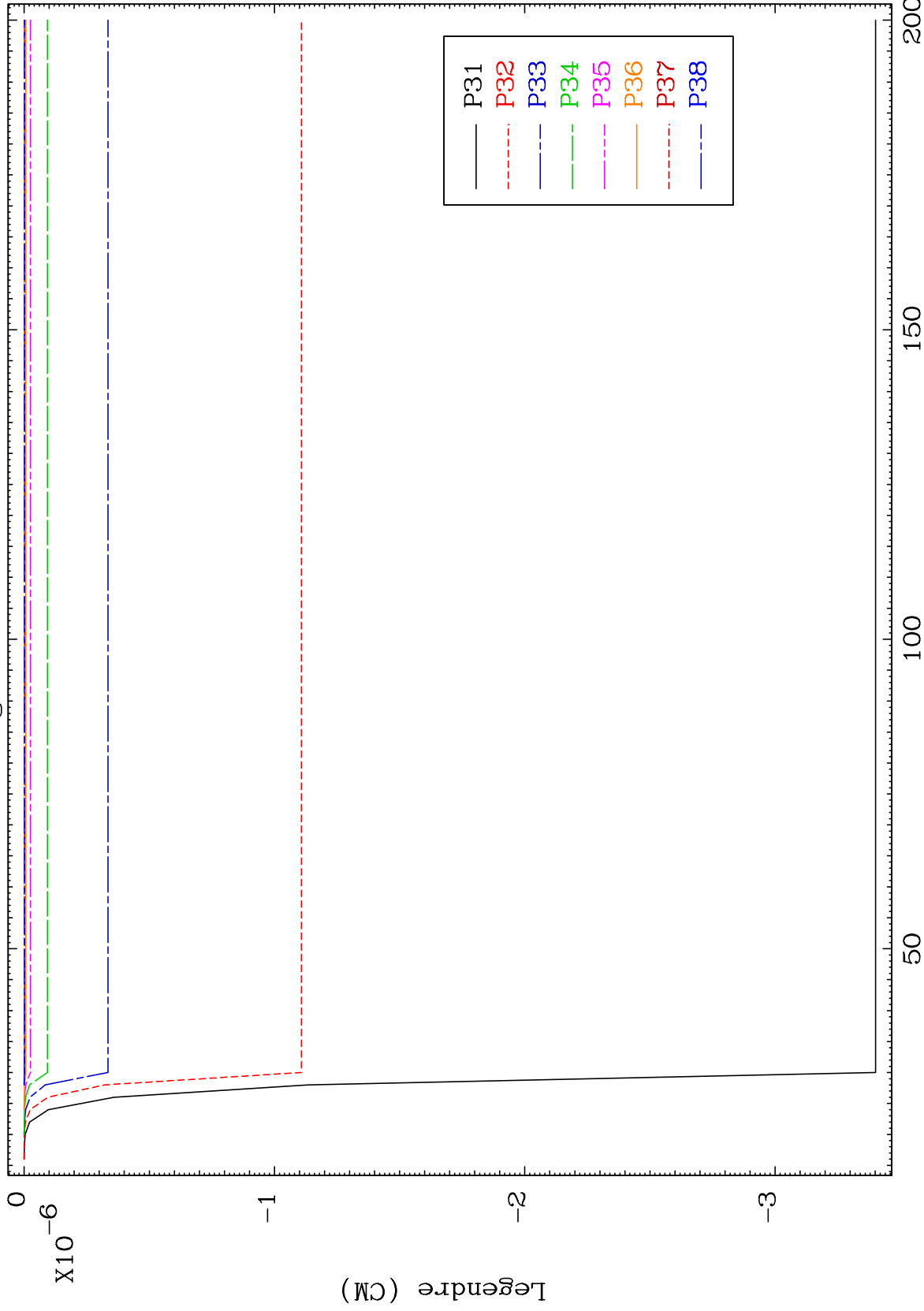
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-T1-194

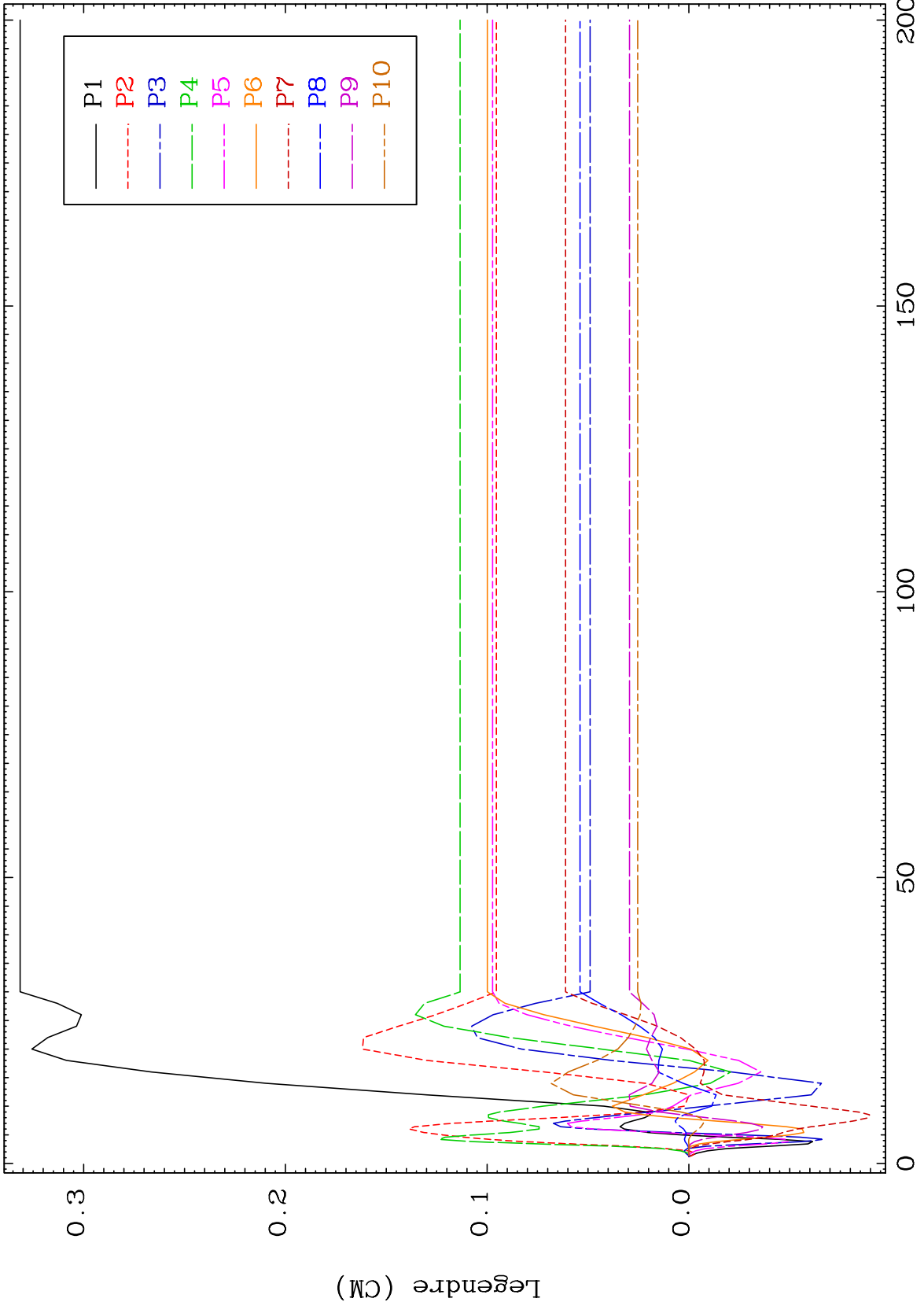


81-T1-194

Incident Energy (MeV)

73

MAT 8098 MT= 66 (n,n') Level Legendre Coefficients 81-T1-194

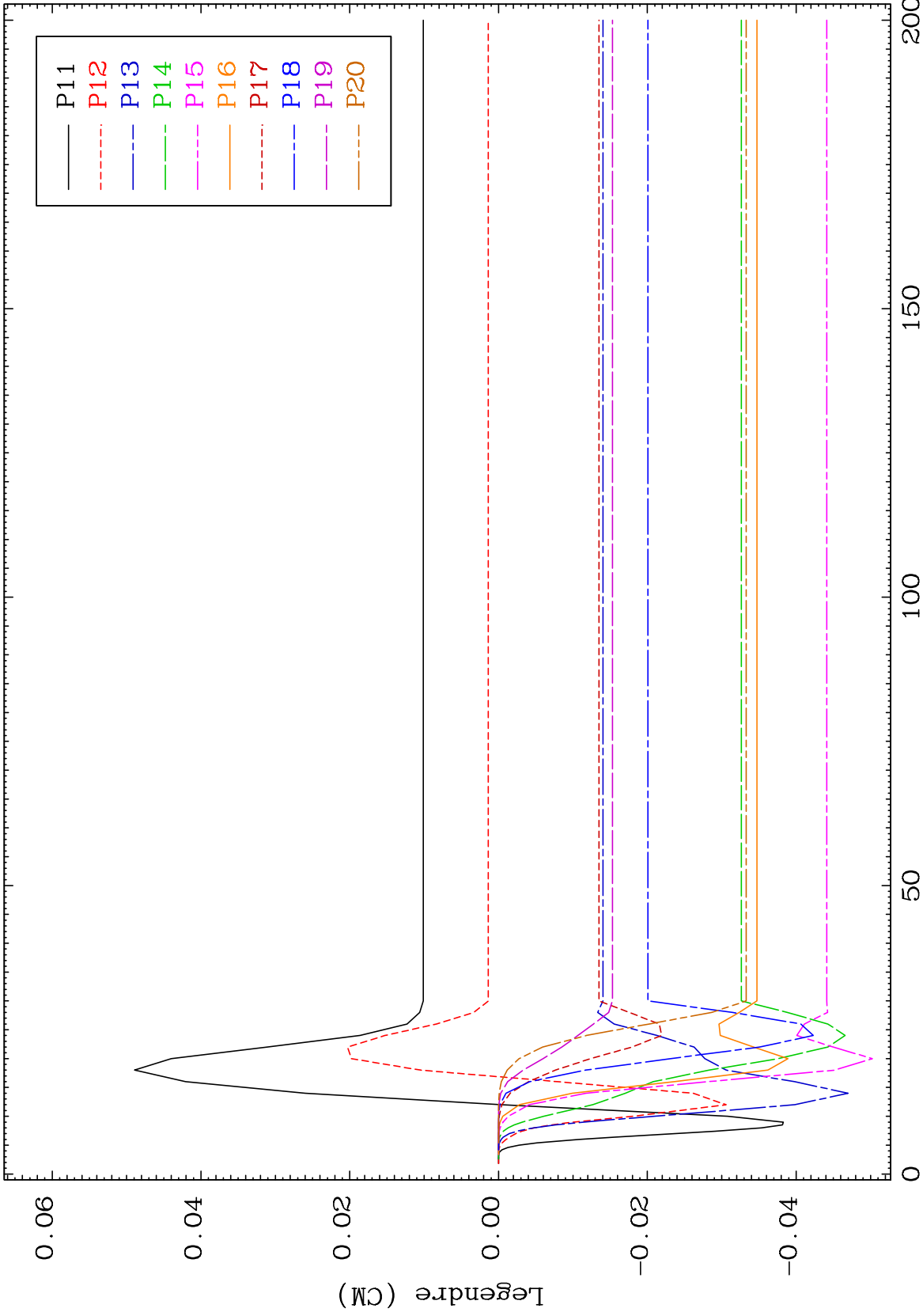


74 81-T1-194

MAT 8098

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

81-T1-194



75

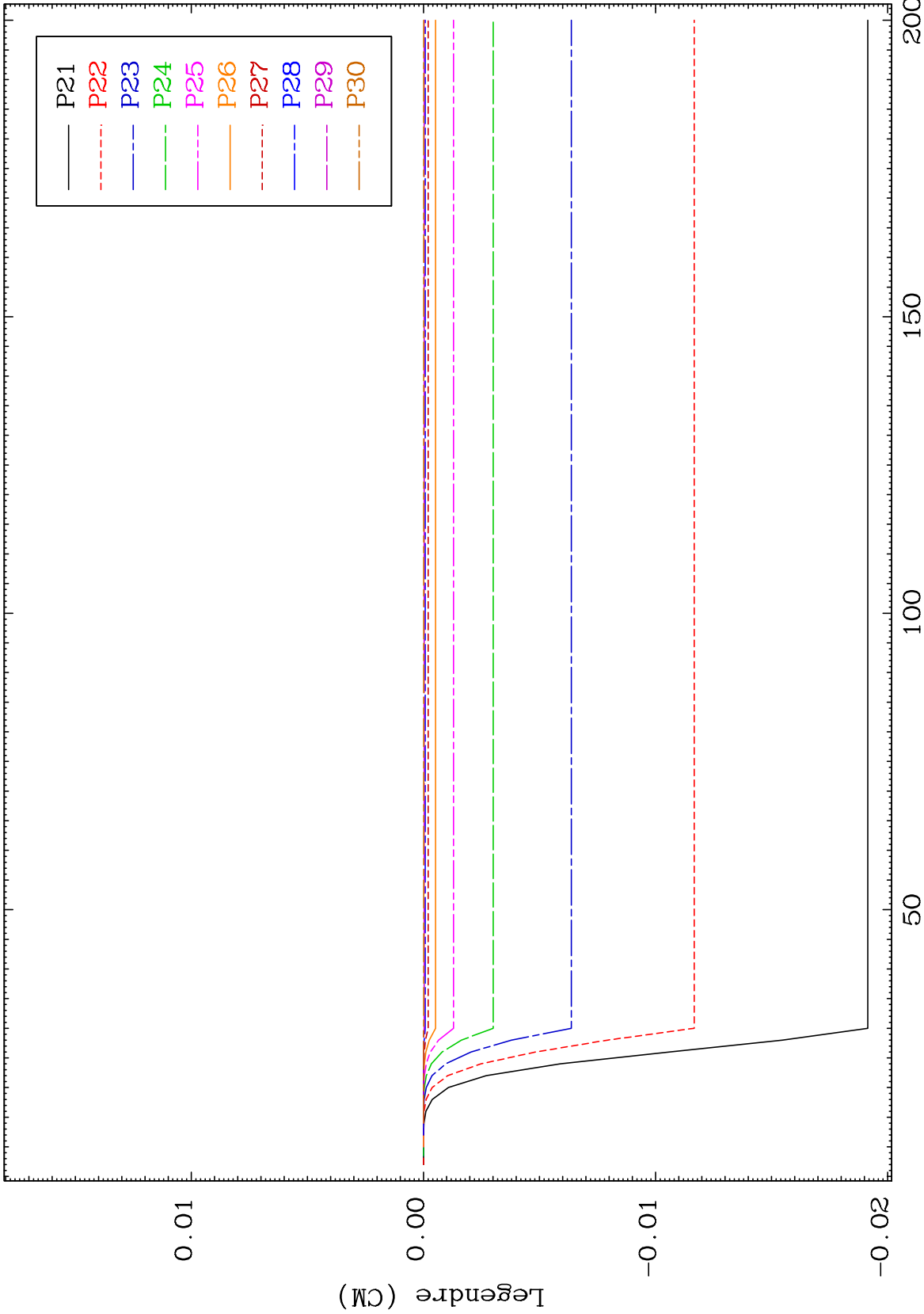
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-T1-194



76

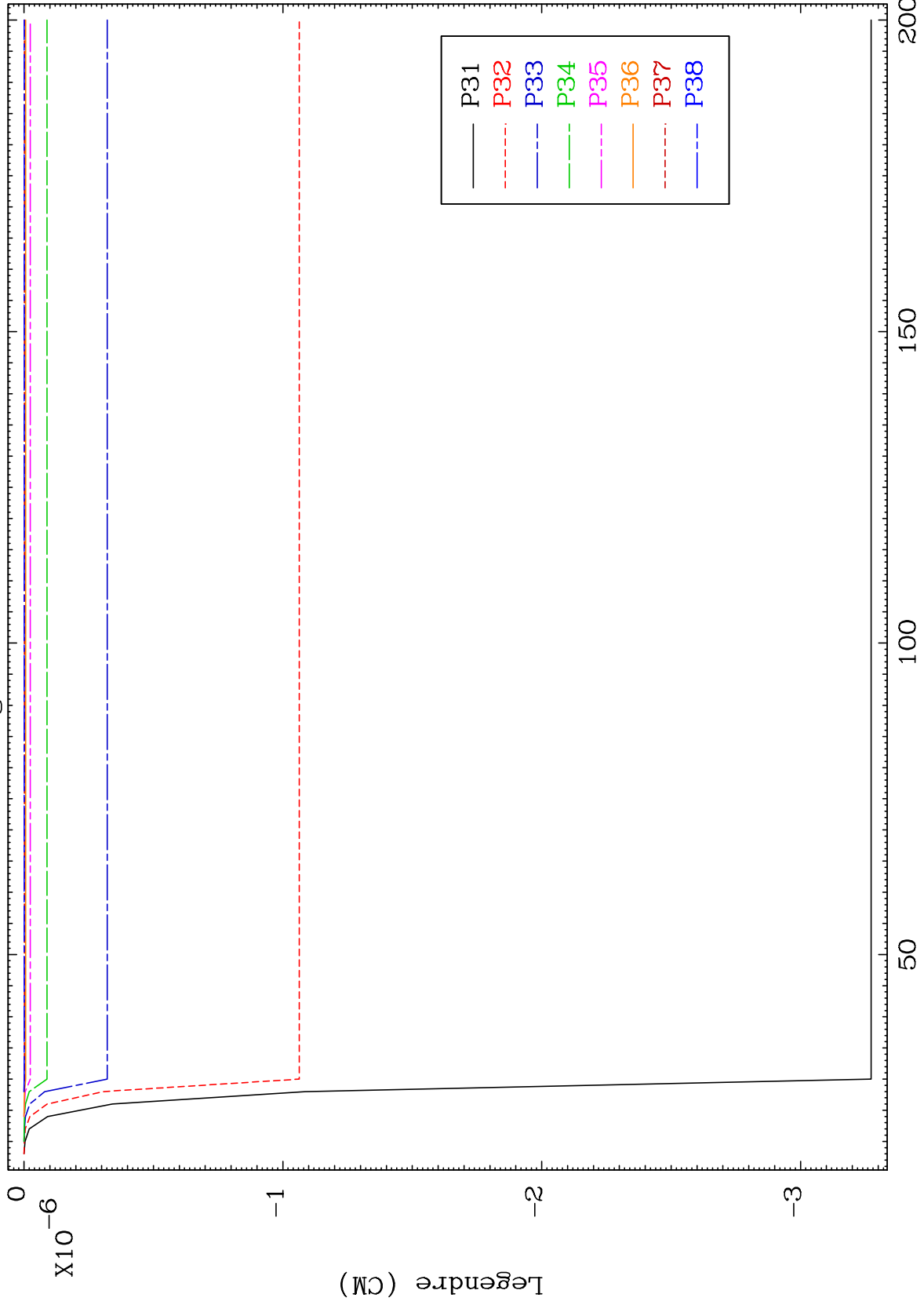
Incident Energy (MeV)

81-T1-194

MAT 8098

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

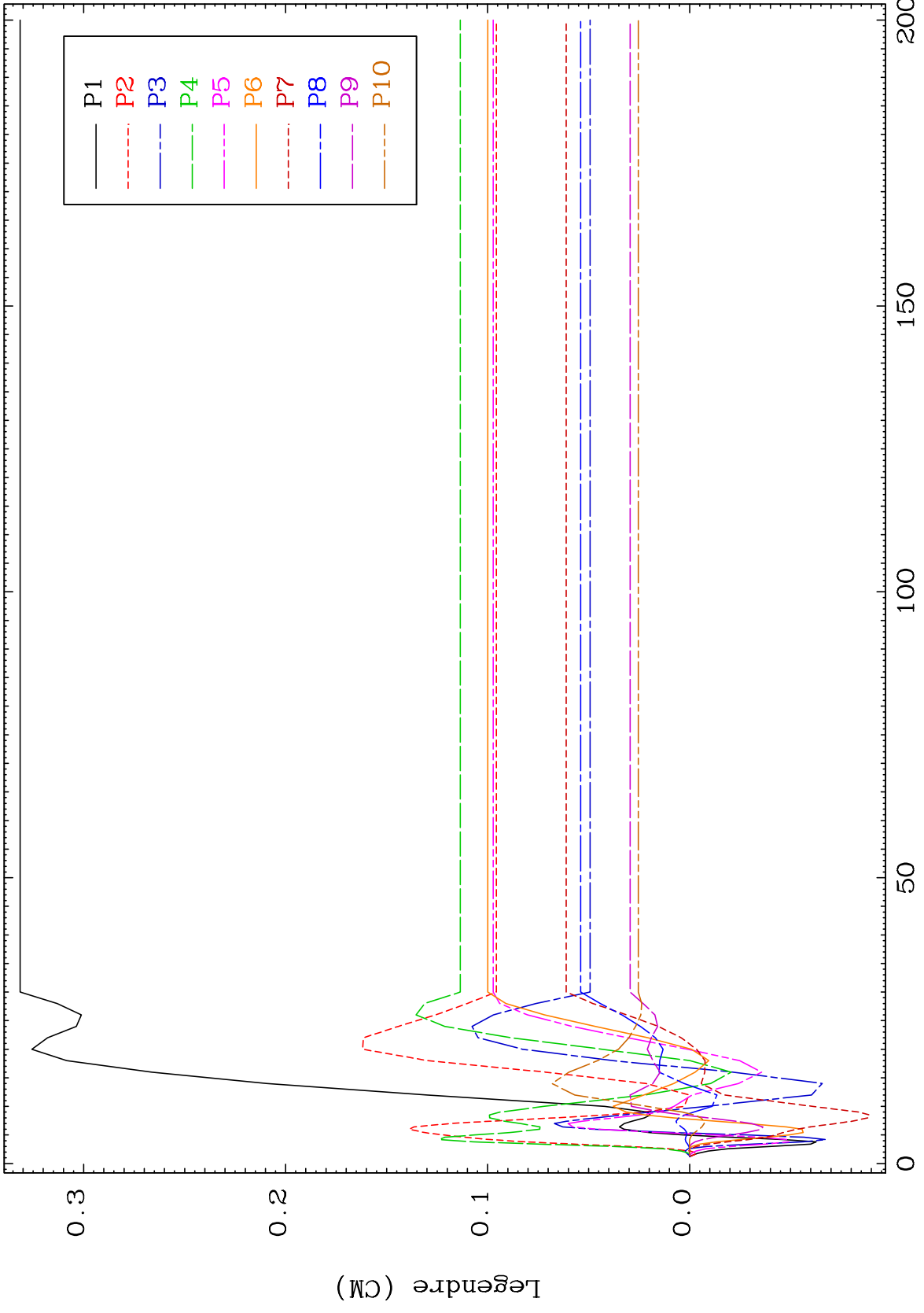
81-Tl-194



77

81-Tl-194

MAT 8098 MT= 67 (n,n') Level Legendre Coefficients 81-Tl-194

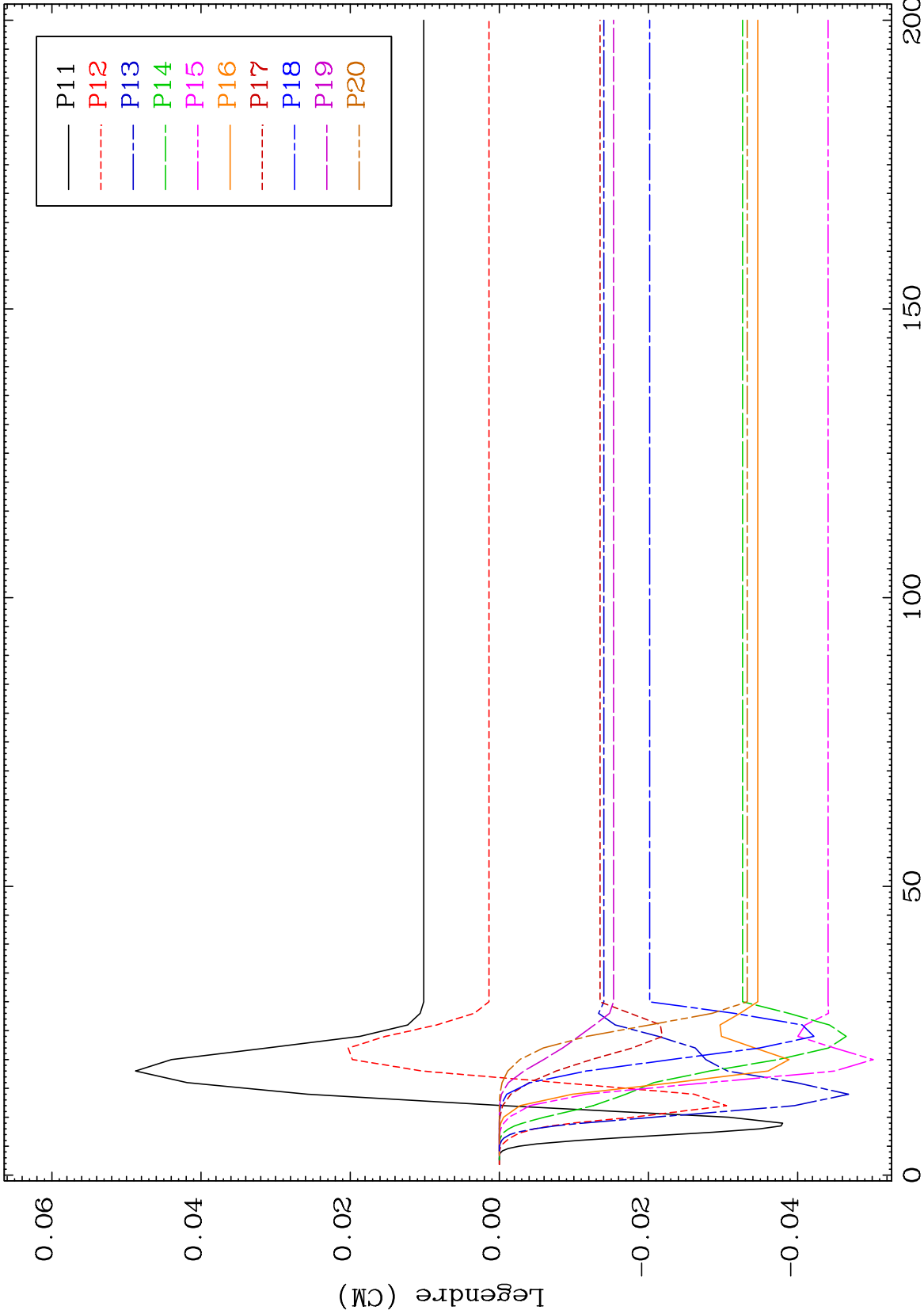


78 Incident Energy (MeV) 81-Tl-194

MAT 8098

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

81-T1-194



79

Incident Energy (MeV)

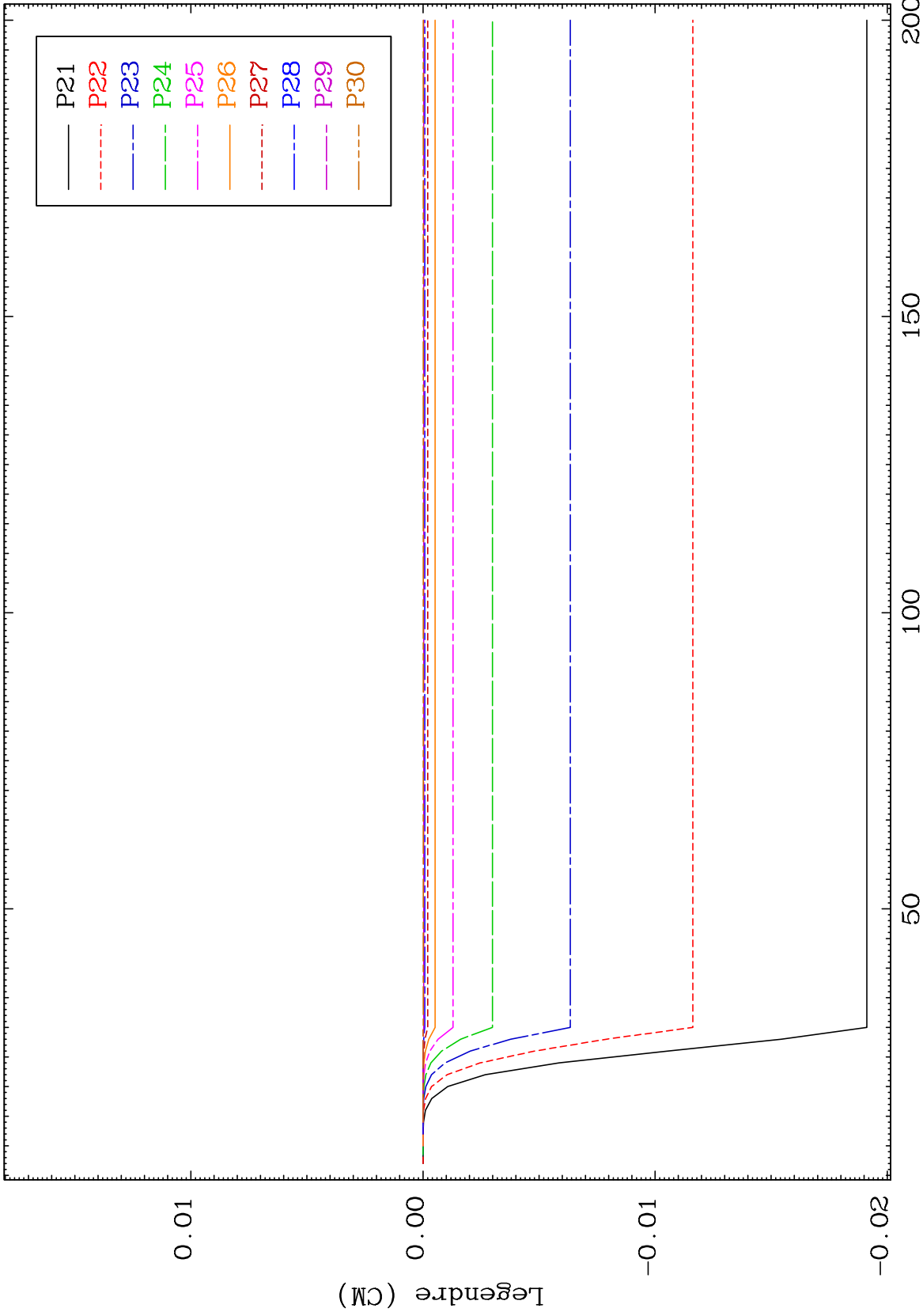
81-T1-194



MAT 8098

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

81-T1-194



80

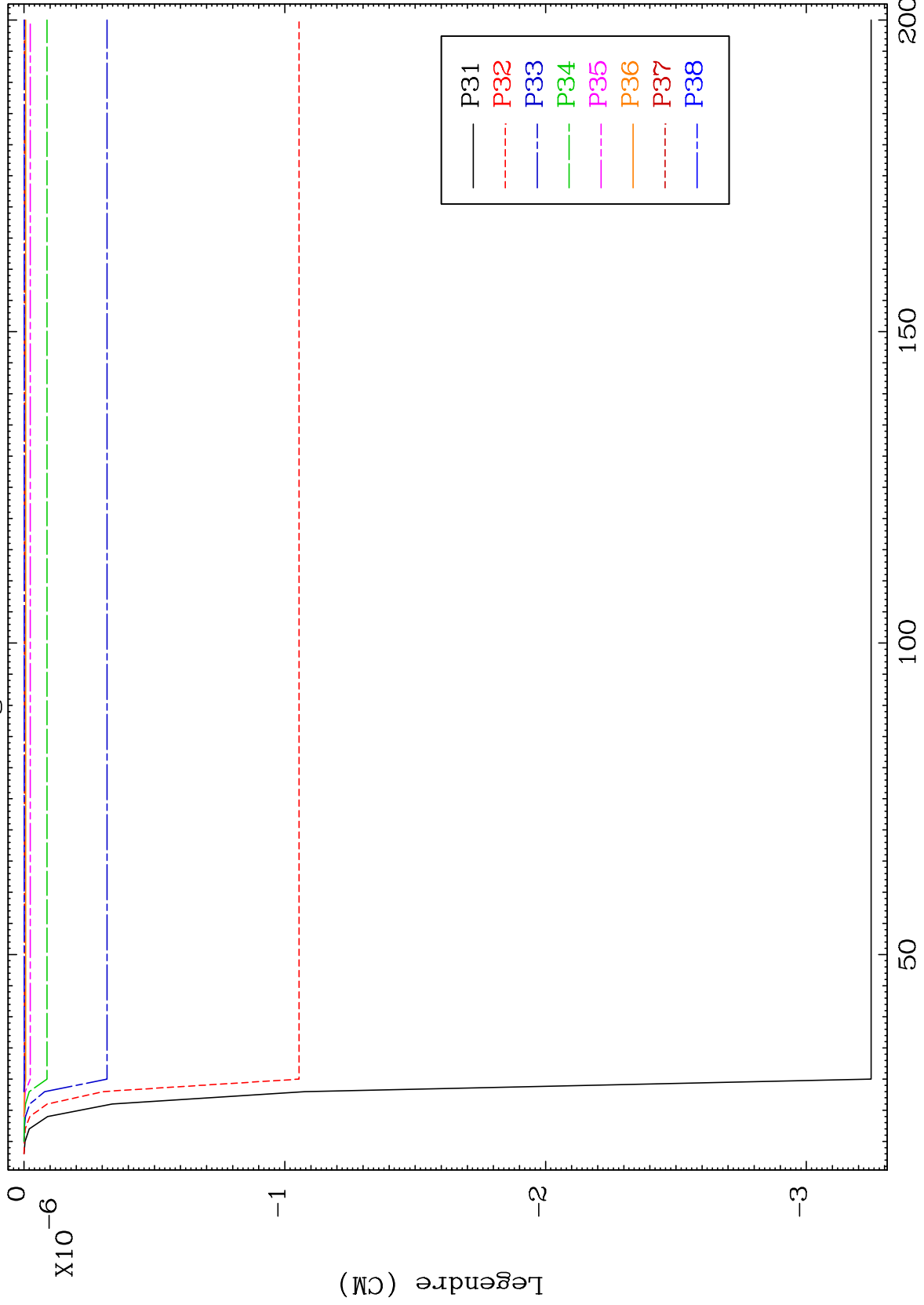
Incident Energy (MeV)

81-T1-194

MAT 8098

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

81-Tl-194

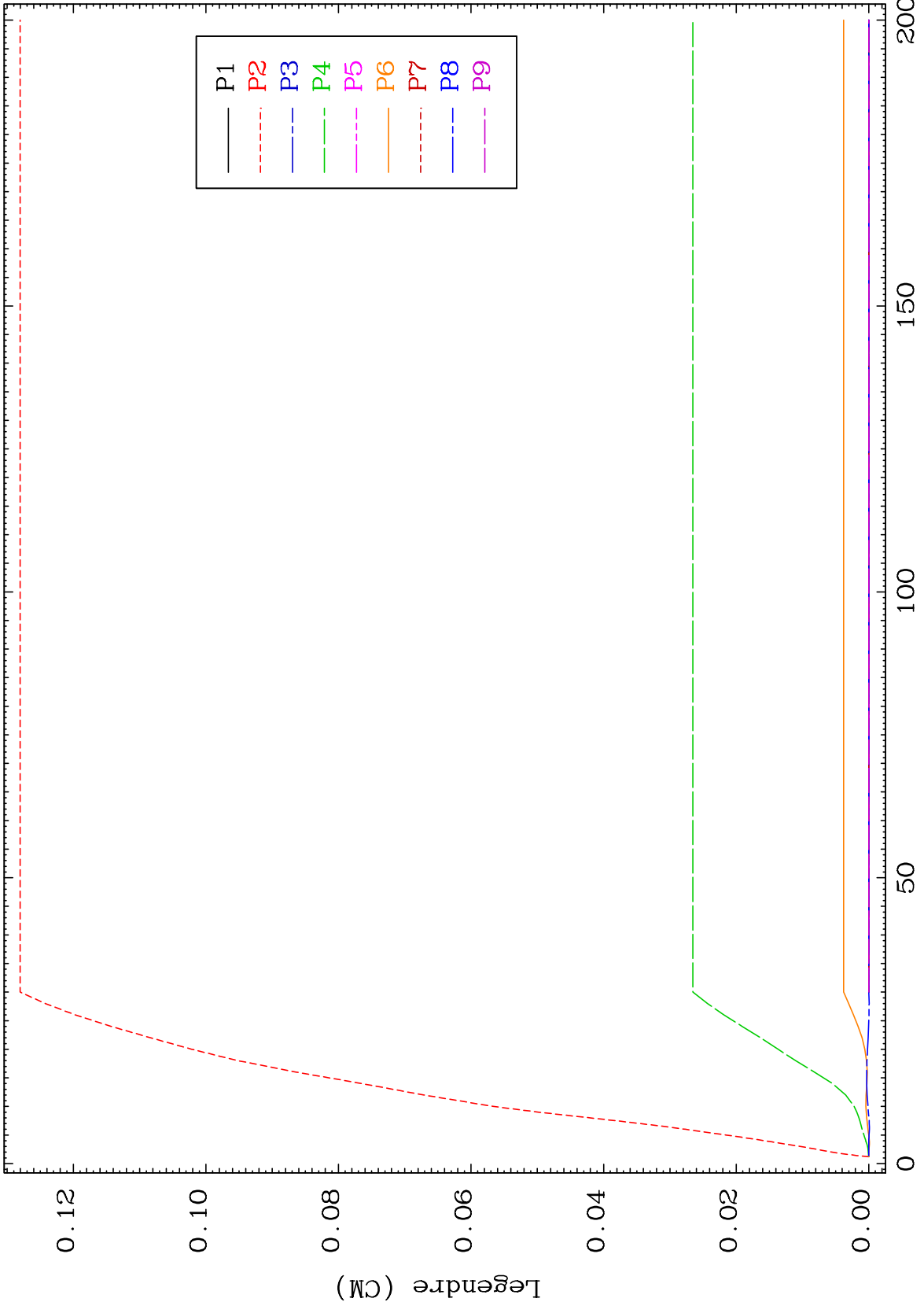


81

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 68 (n,n') Level Legendre Coefficients 81-T1-194

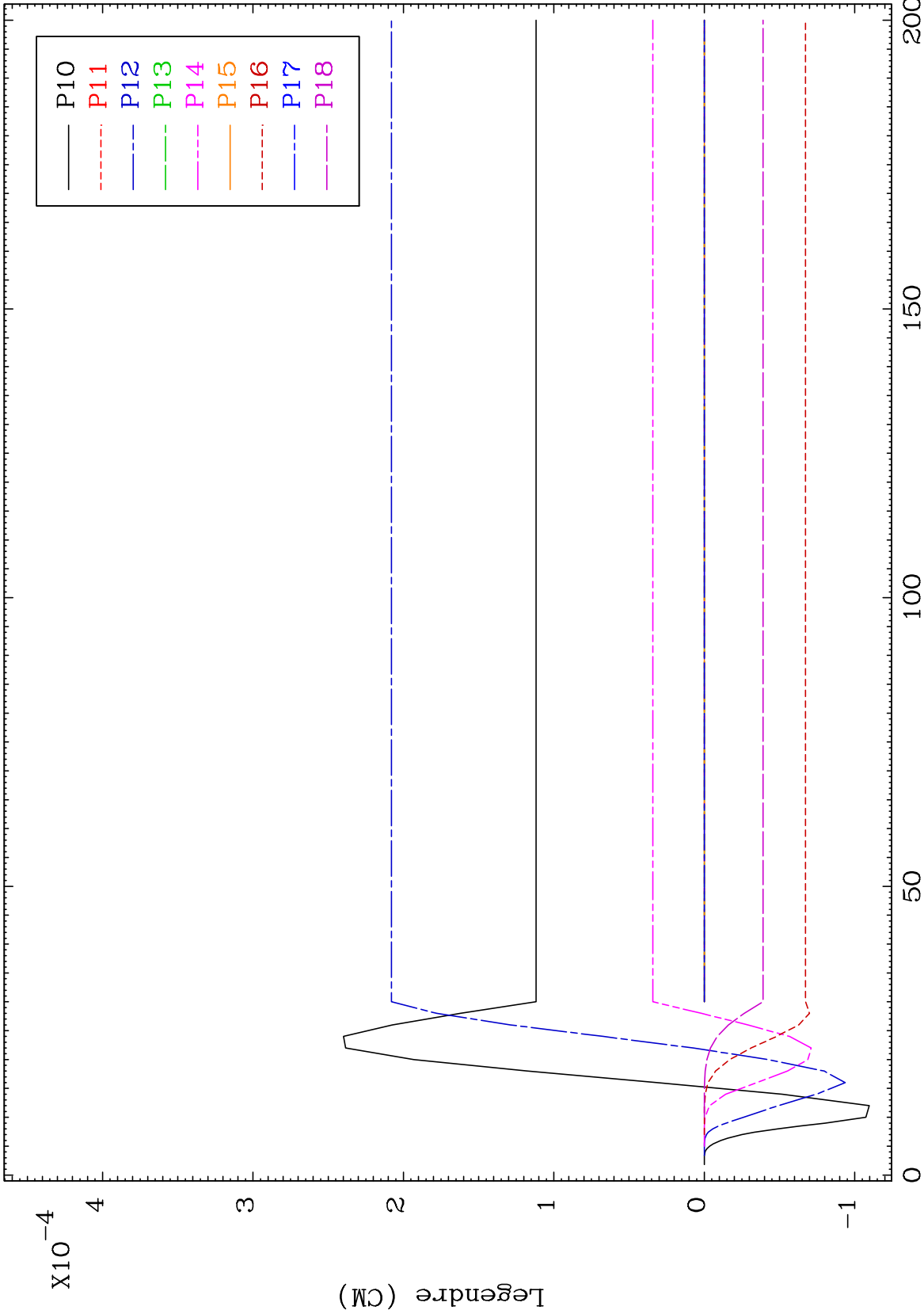


82 Incident Energy (MeV) 81-T1-194

MAT 8098

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

81-Tl-194

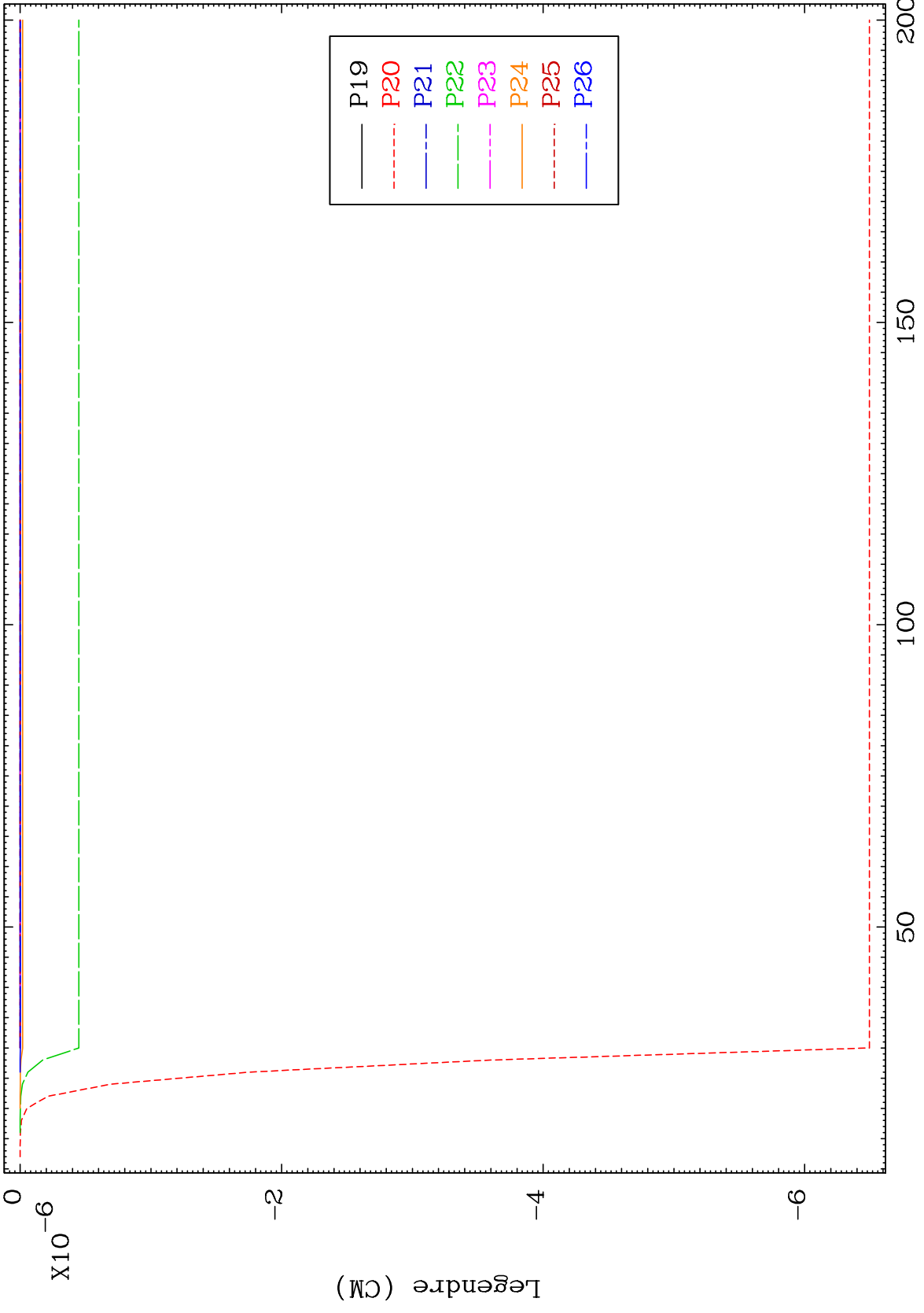


83

Incident Energy (MeV)

81-Tl-194

MAT 8098 MT= 68 (n,n') Level Legendre Coefficients 81-T1-194

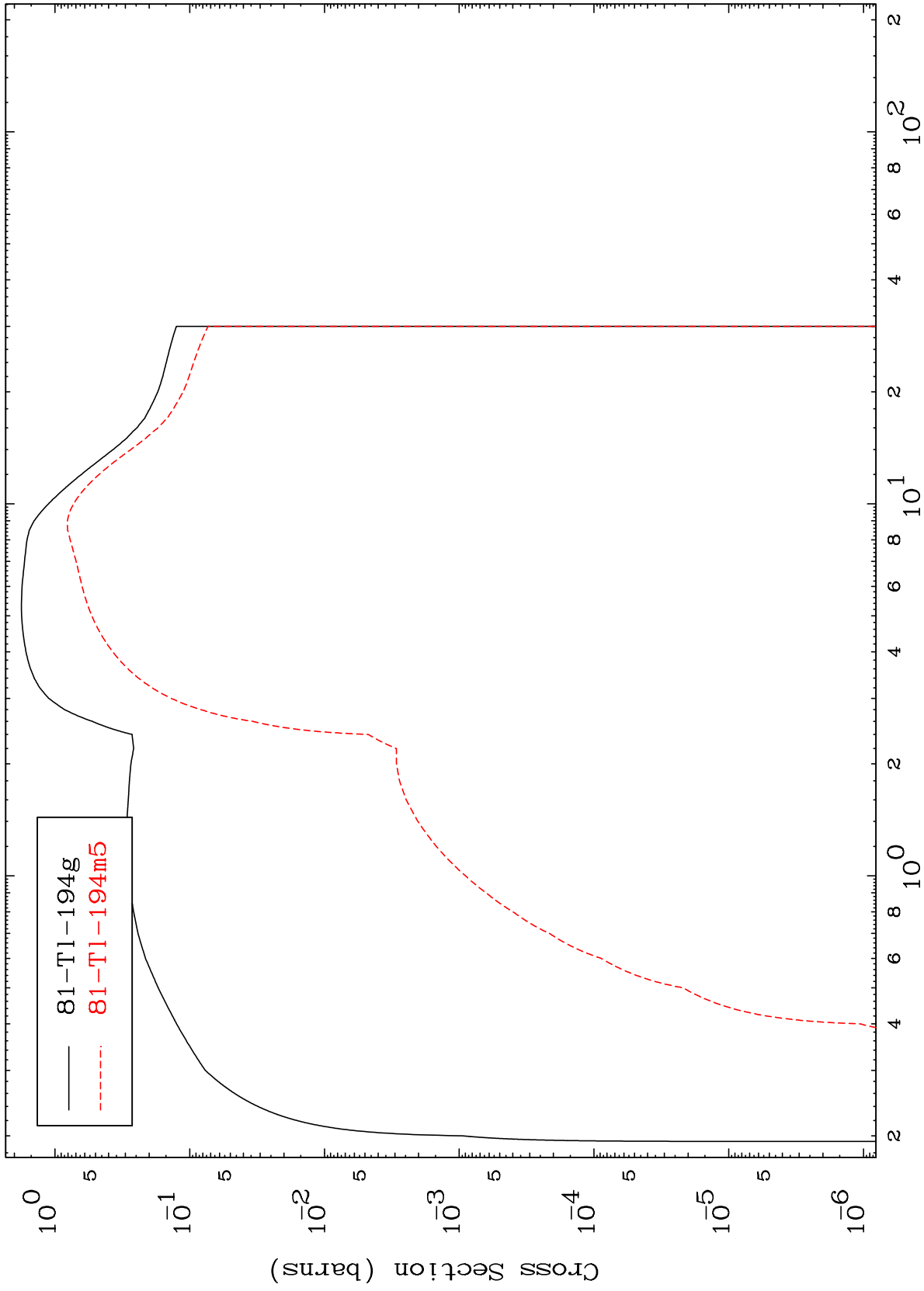


84 81-T1-194

MAT 8098

81-Tl-194

### Inelastic Radionuclide Production Cross Section



85

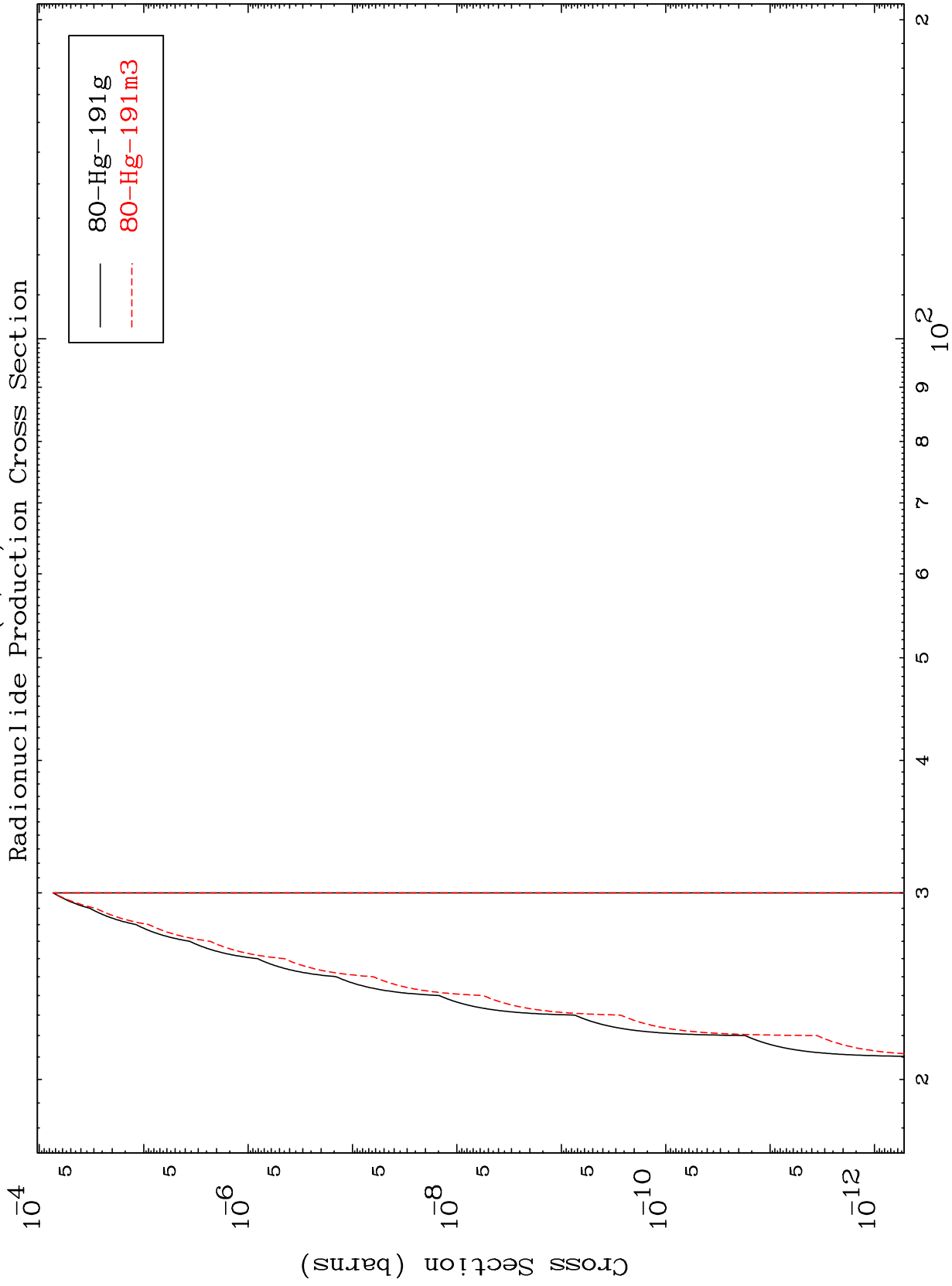
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,2n) d

81-Tl-194



86

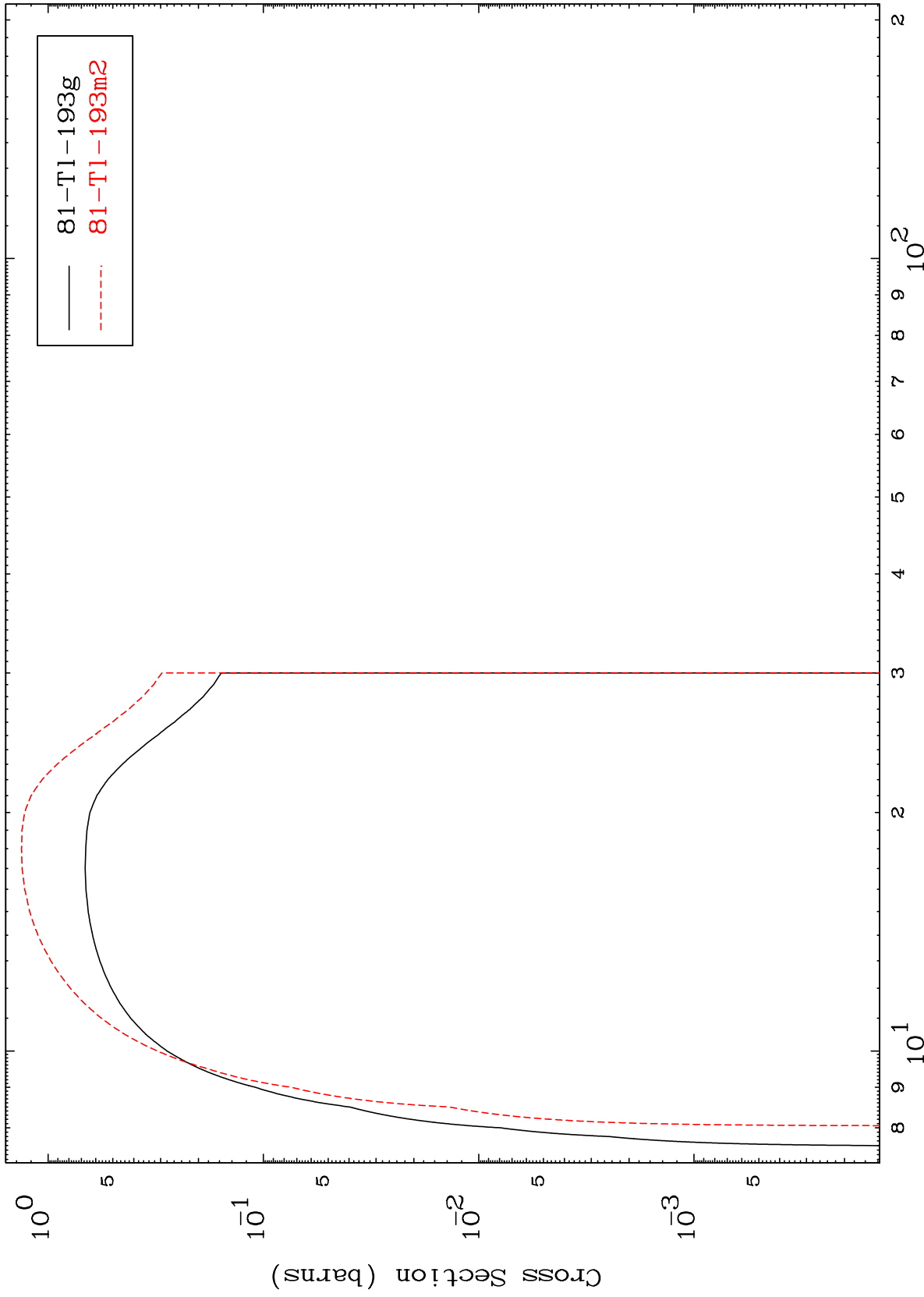
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

(n,2n)  
Radionuclide Production Cross Section



87

Incident Energy (MeV)

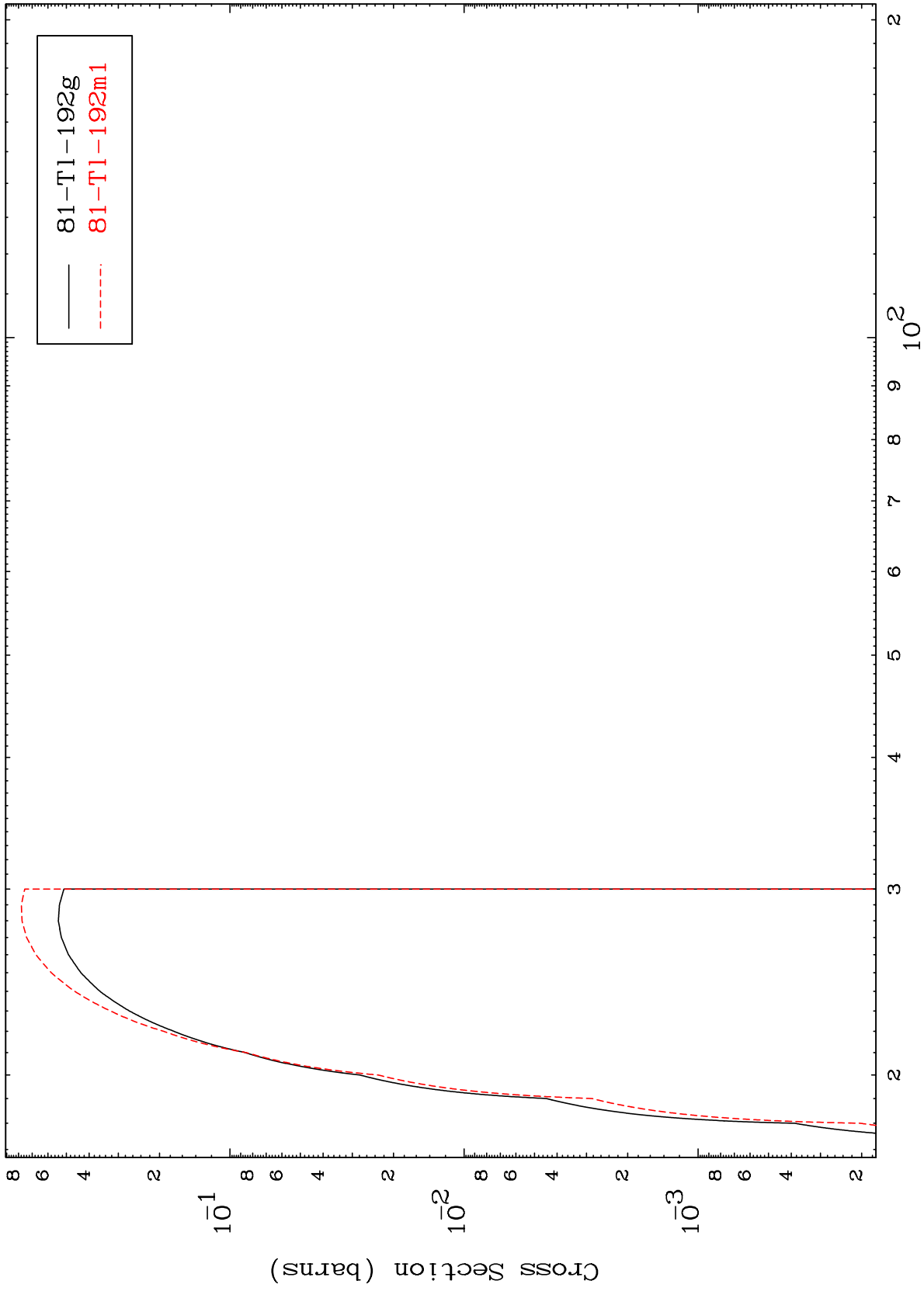
81-Tl-194



MAT 8098

81-Tl-194

(n,3n)  
Radionuclide Production Cross Section



88

Incident Energy (MeV)

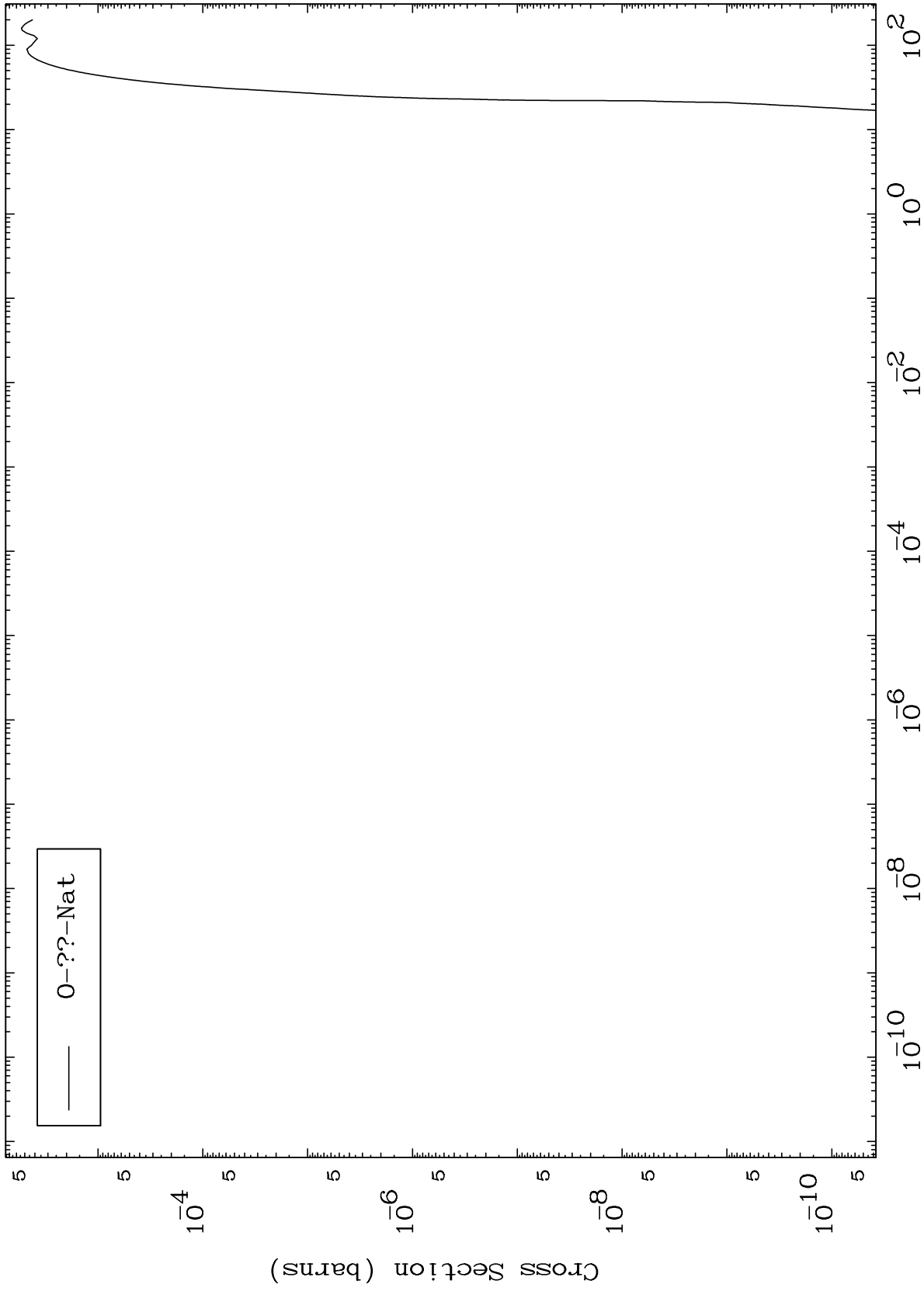
81-Tl-194

MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section



89

Incident Energy (MeV)

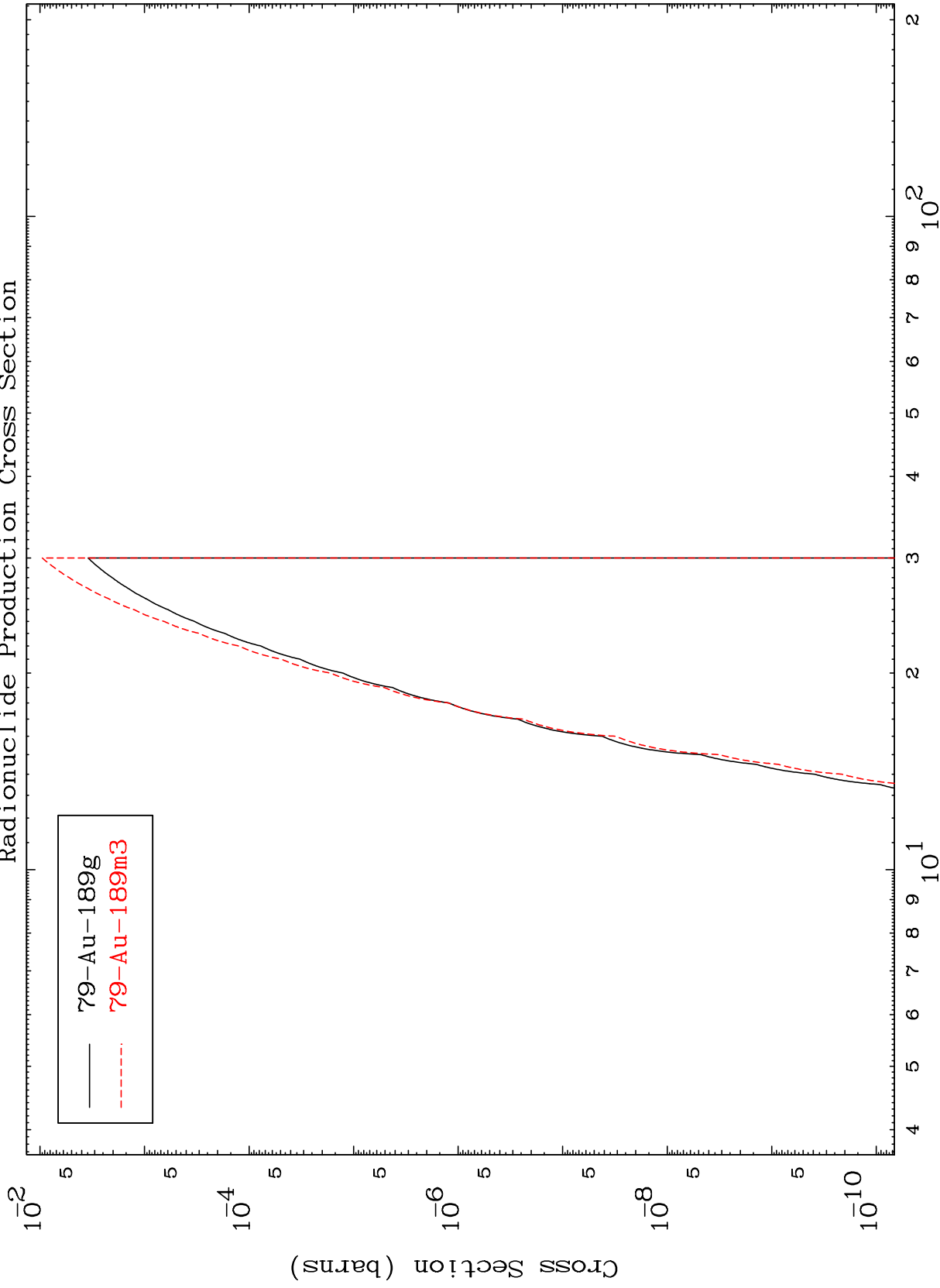
81-Tl-194

MAT 8098

(n,2n)  $\alpha$

81-Tl-194

Radionuclide Production Cross Section



90

Incident Energy (MeV)

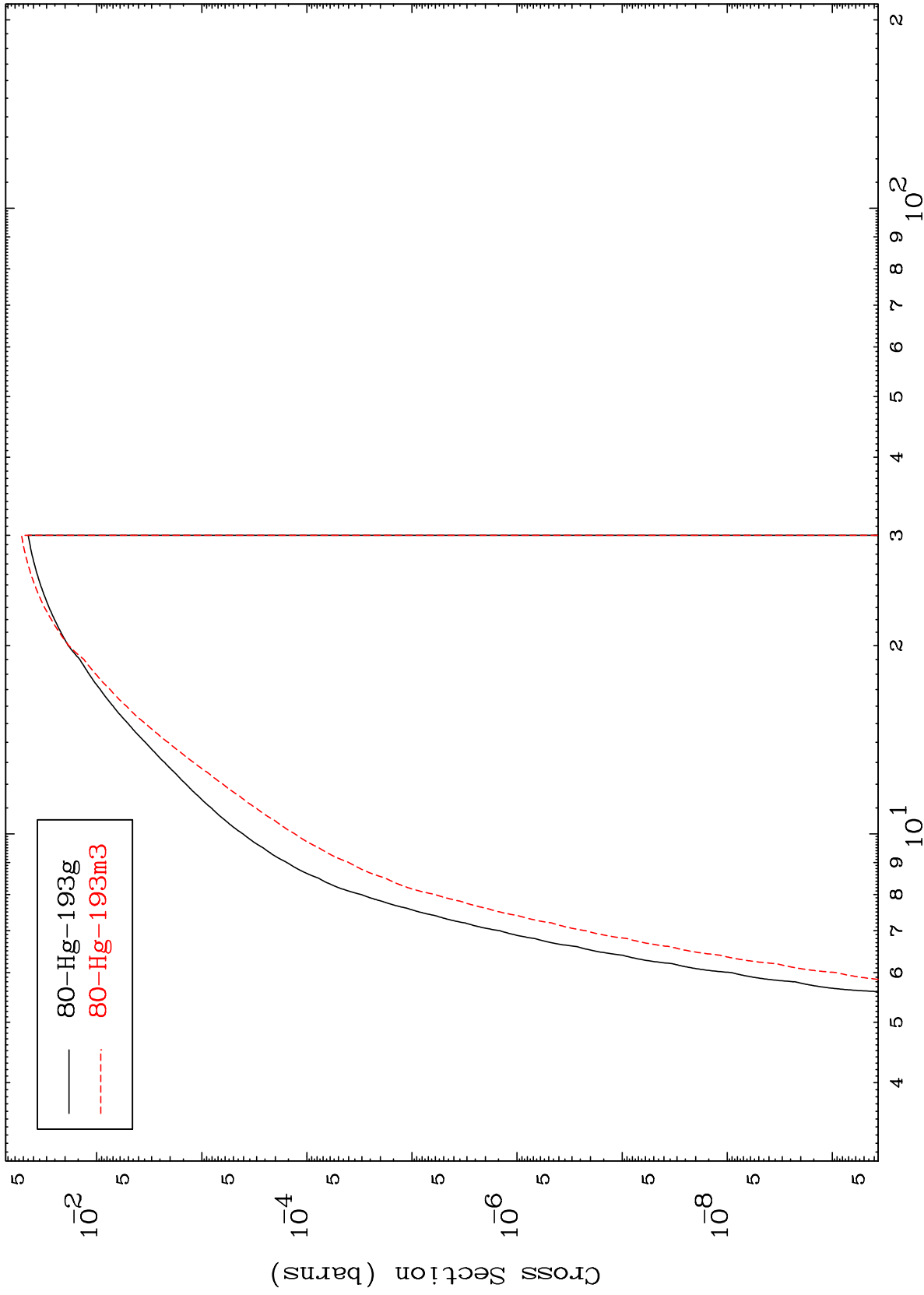
81-Tl-194

MAT 8098

(n,n') p

81-Tl-194

Radionuclide Production Cross Section



80-Hg-193g  
80-Hg-193m3

91

Incident Energy (MeV)

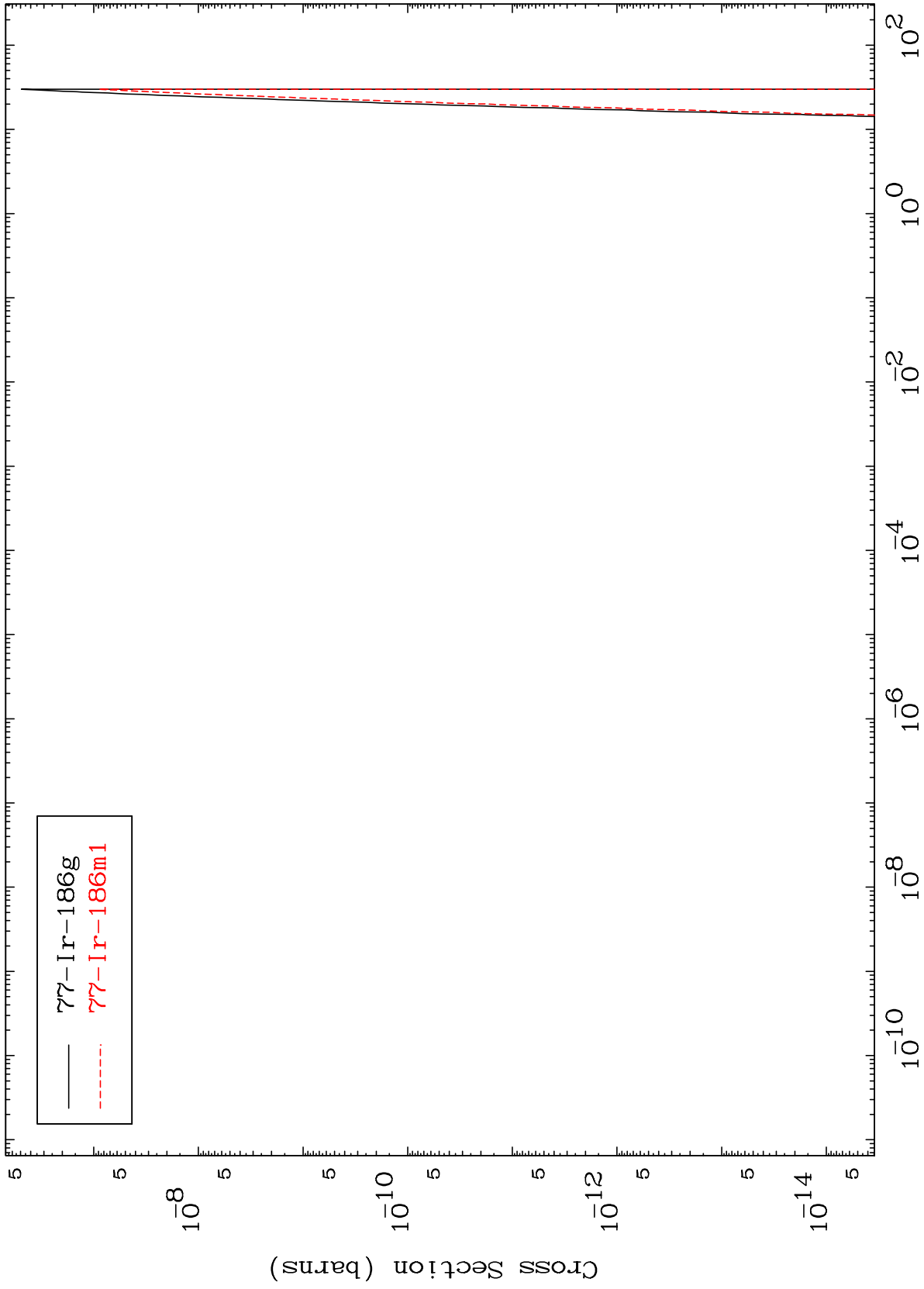
81-Tl-194

MAT 8098

(n,n') 2 $\alpha$

81-Tl-194

Radionuclide Production Cross Section



92

Incident Energy (MeV)

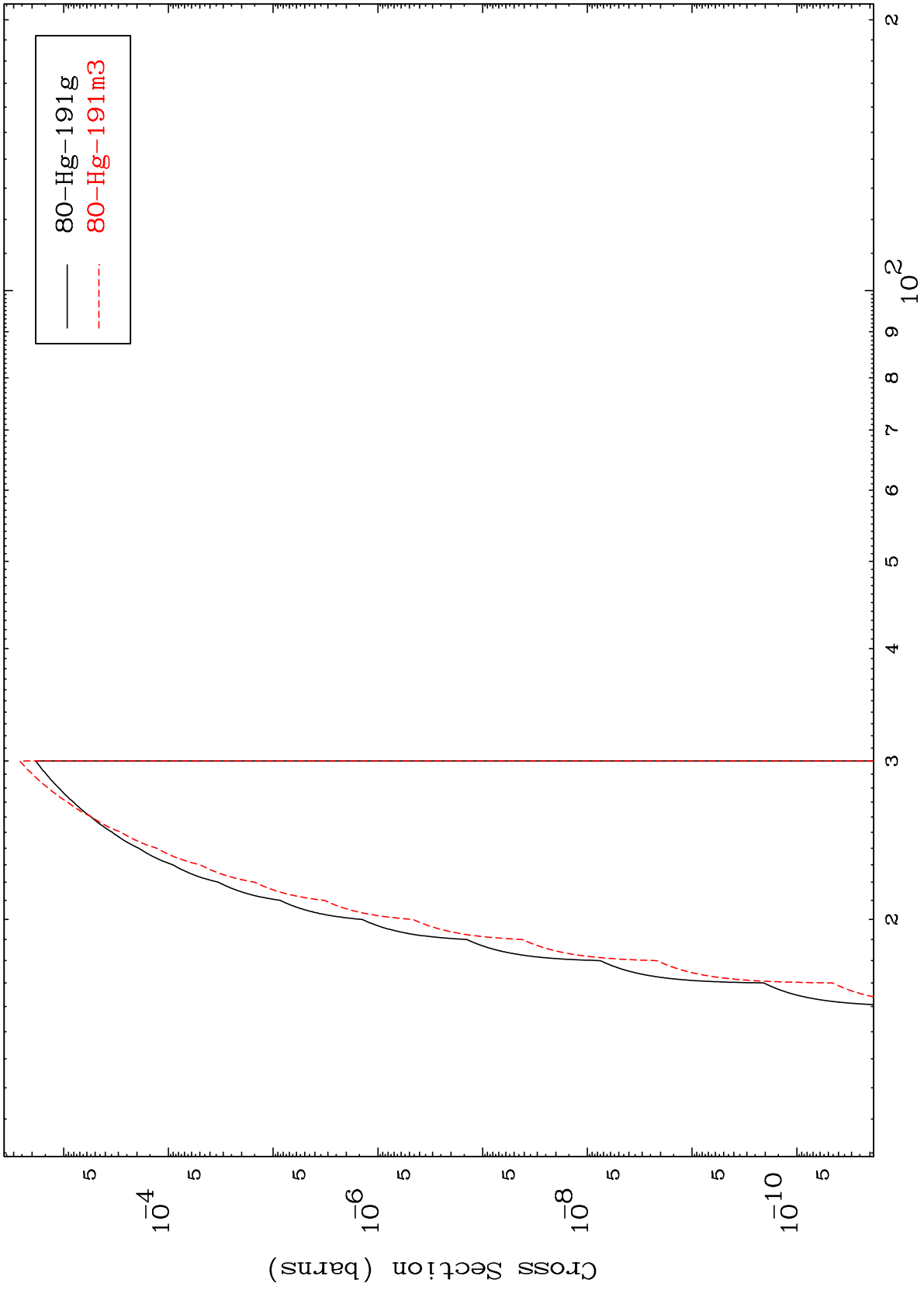
81-Tl-194

MAT 8098

(n,n') t

81-Tl-194

Radionuclide Production Cross Section



93

Incident Energy (MeV)

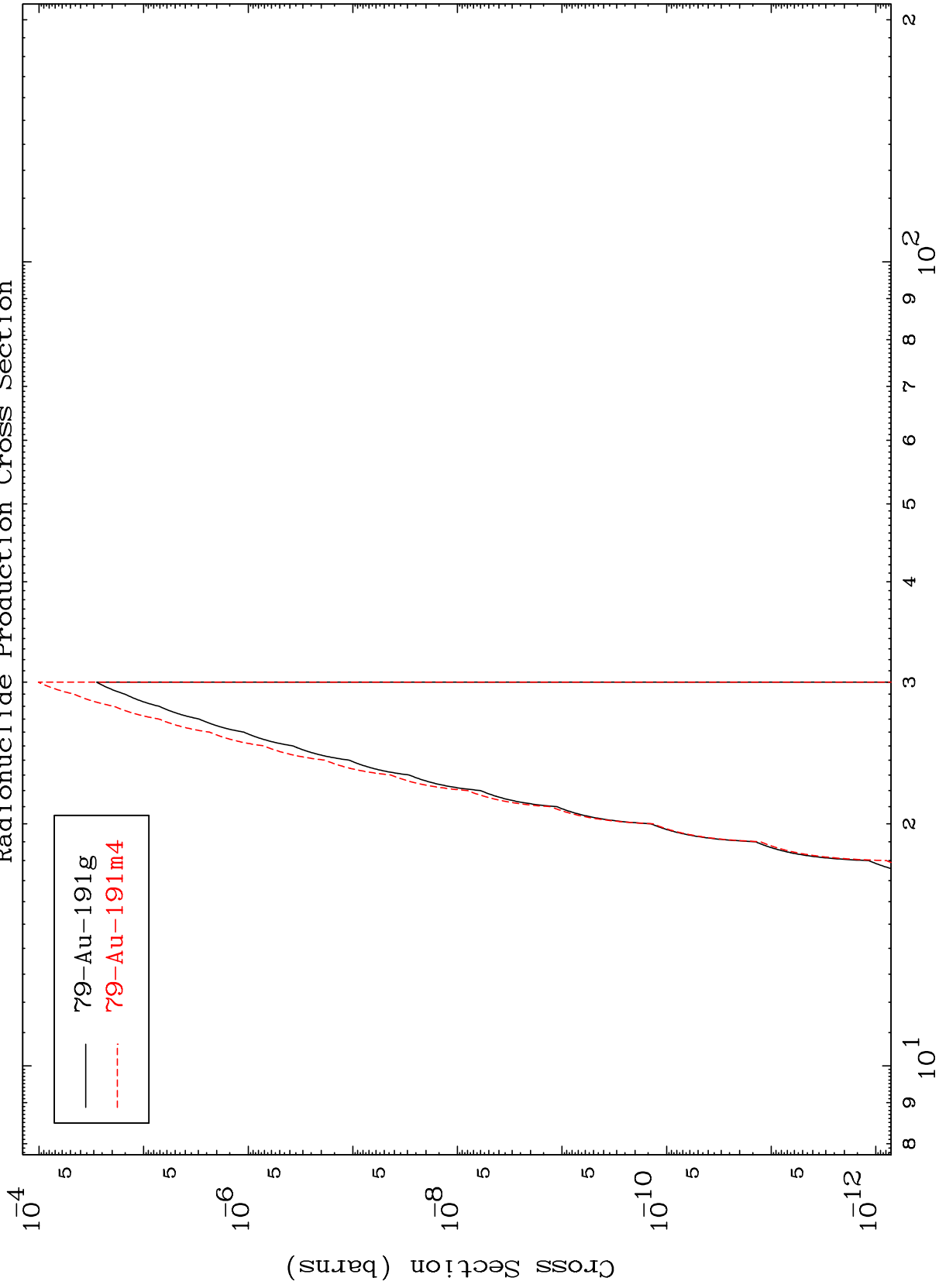
81-Tl-194

MAT 8098

(n, n') He-3

81-Tl-194

Radionuclide Production Cross Section



94

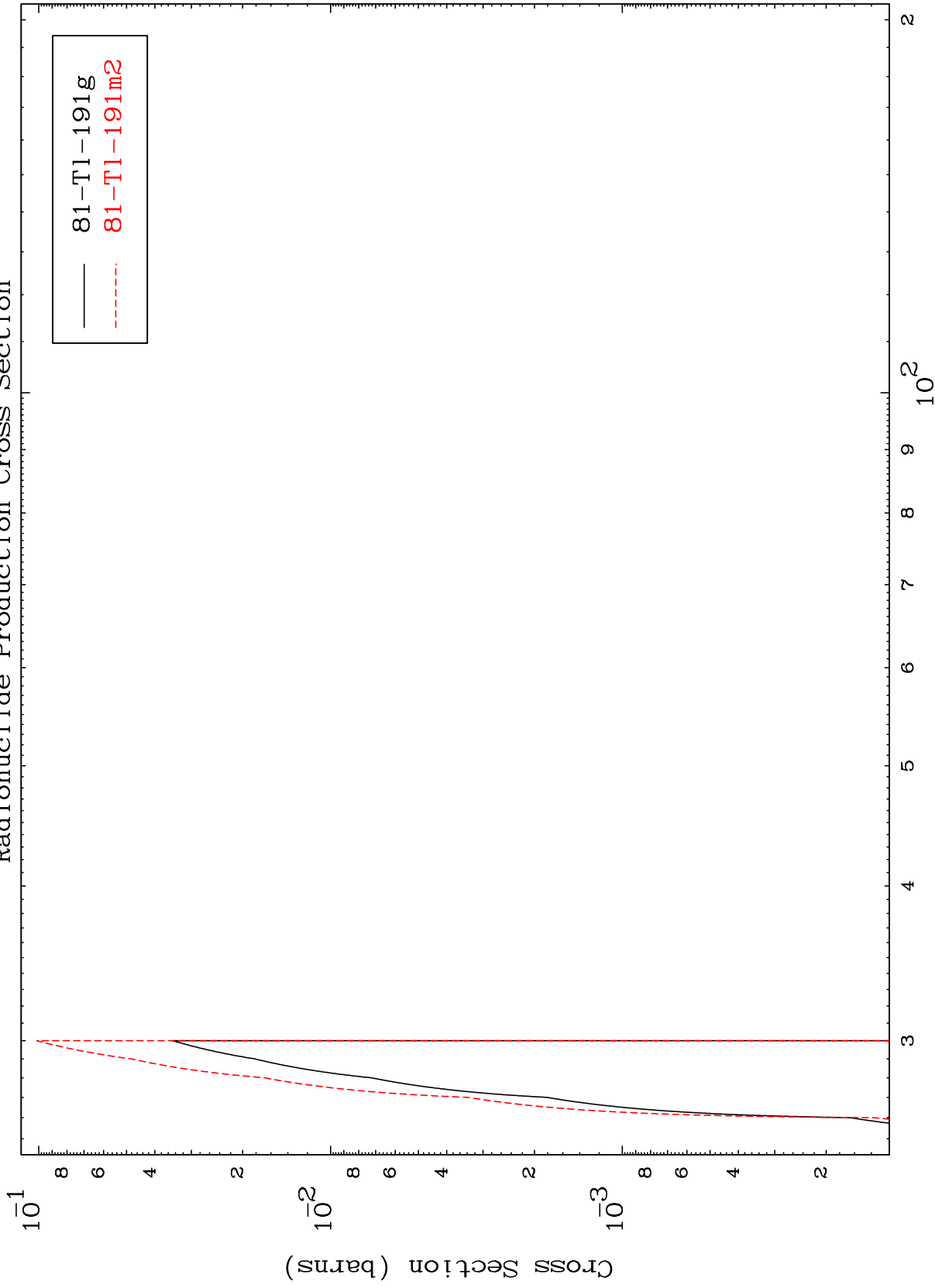
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

(n,4n)  
Radionuclide Production Cross Section



95

Incident Energy (MeV)

81-Tl-194

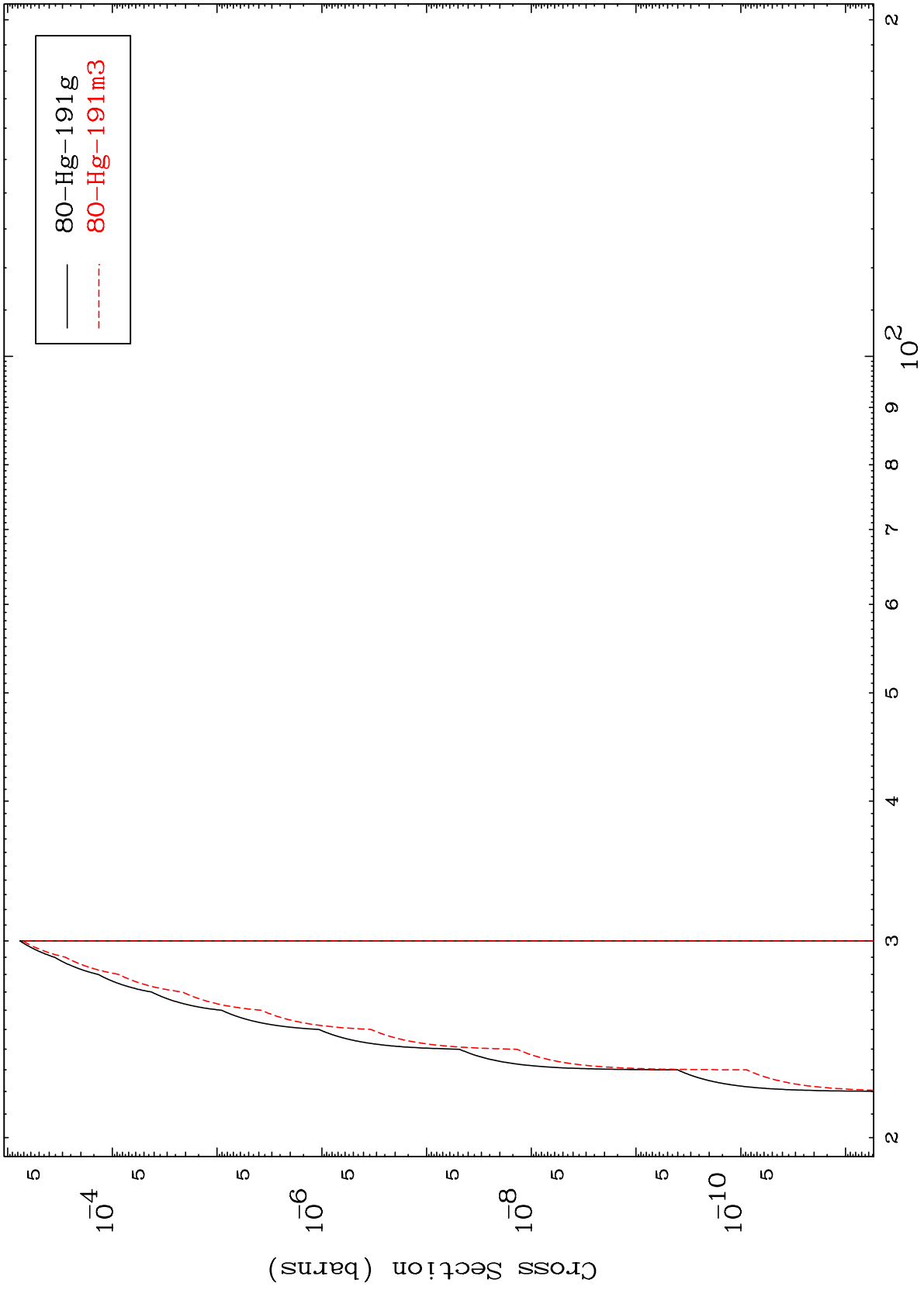


MAT 8098

(n,3n) p

81-Tl-194

Radionuclide Production Cross Section



96

Incident Energy (MeV)

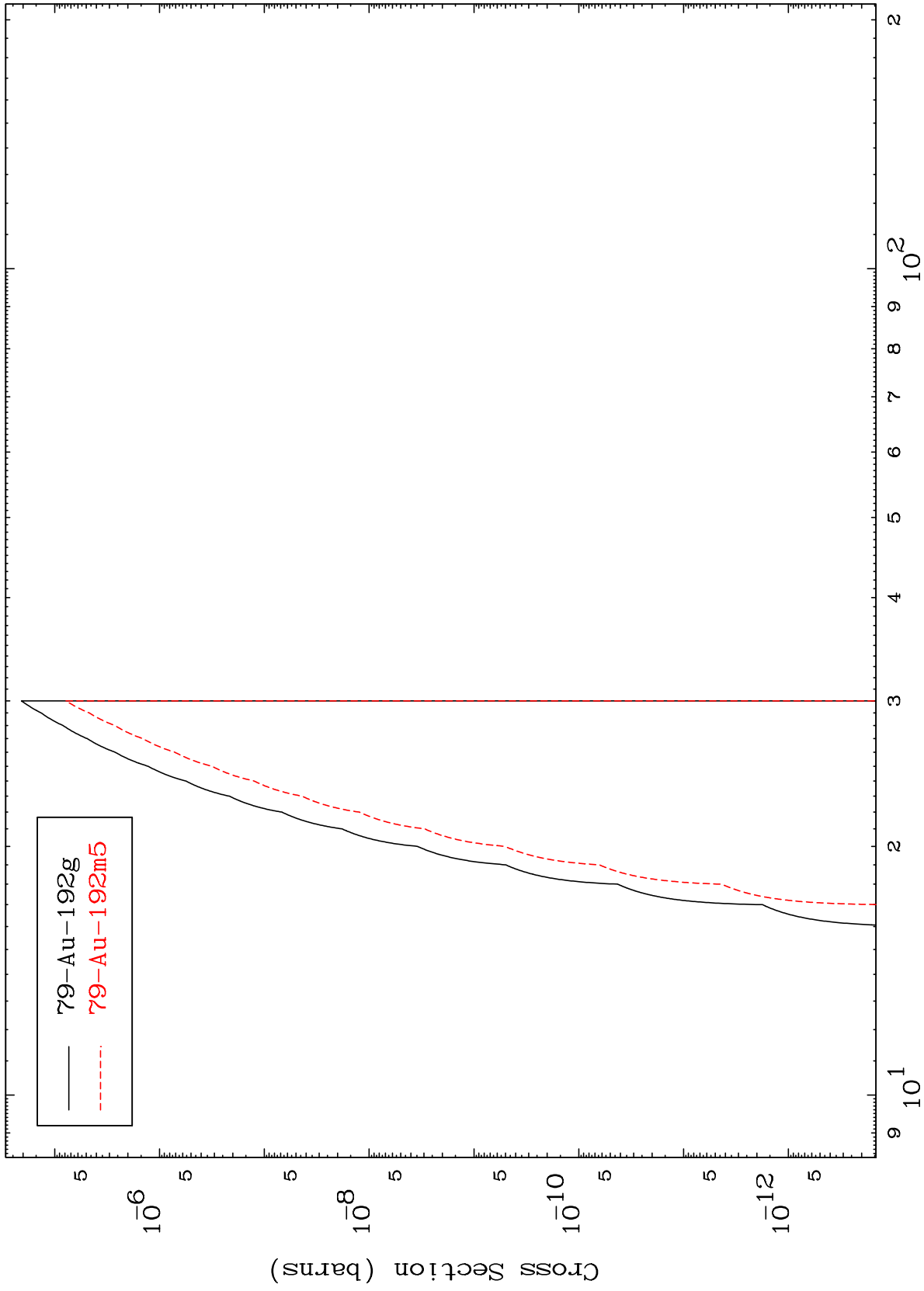
81-Tl-194

MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



97

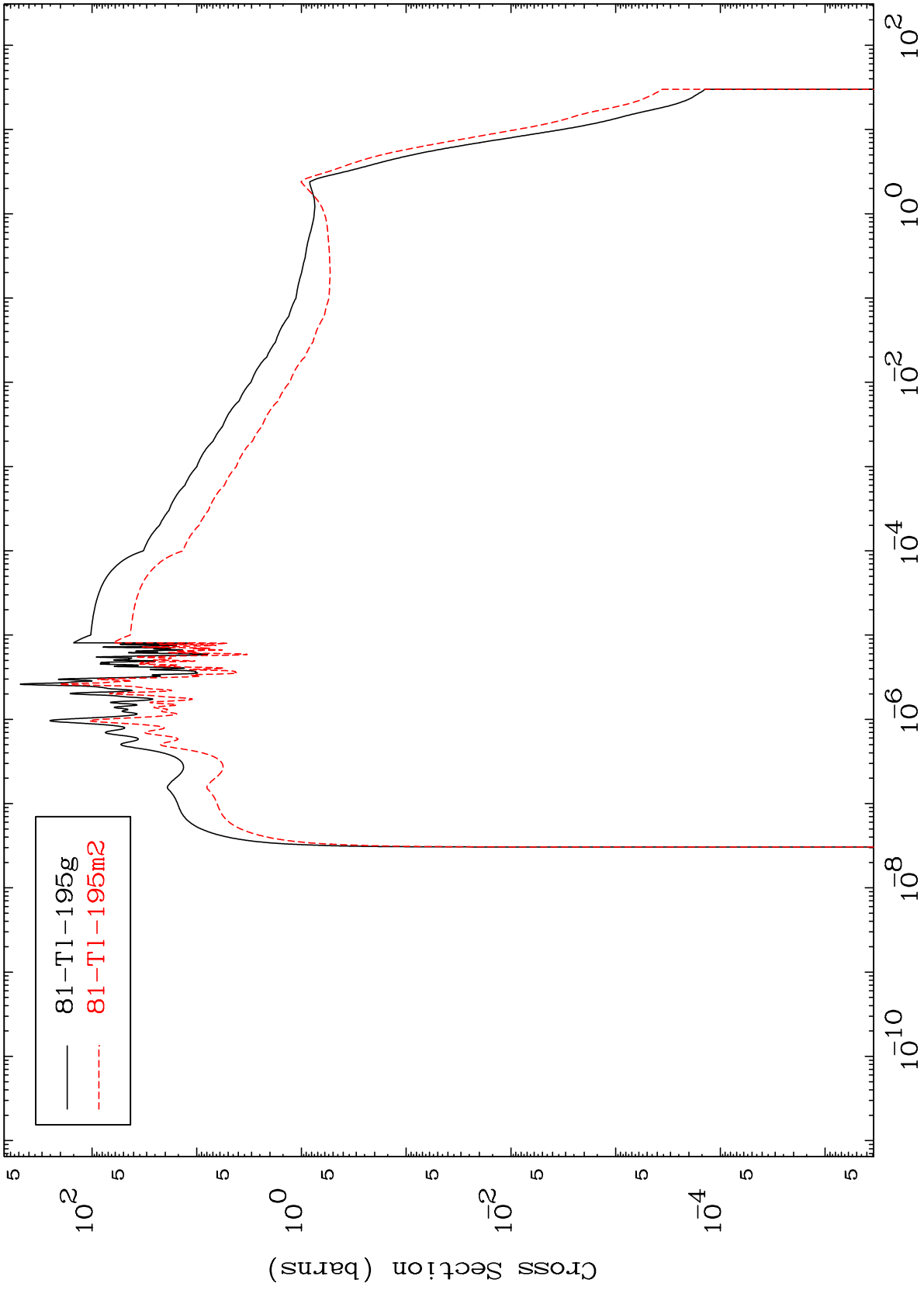
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section (n,γ)



98

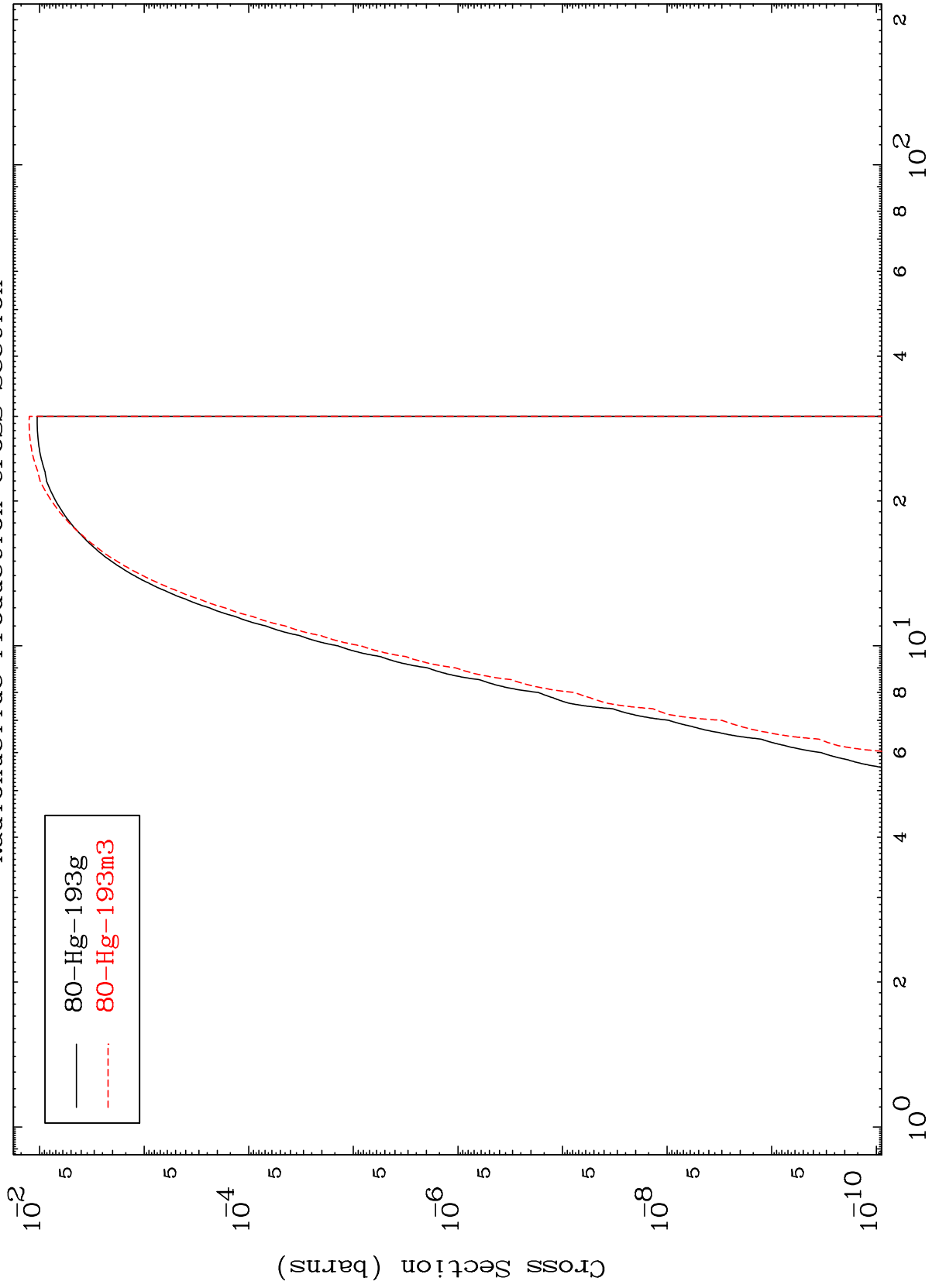
81-Tl-194

MAT 8098

(n,d)

81-Tl-194

Radionuclide Production Cross Section



99

Incident Energy (MeV)

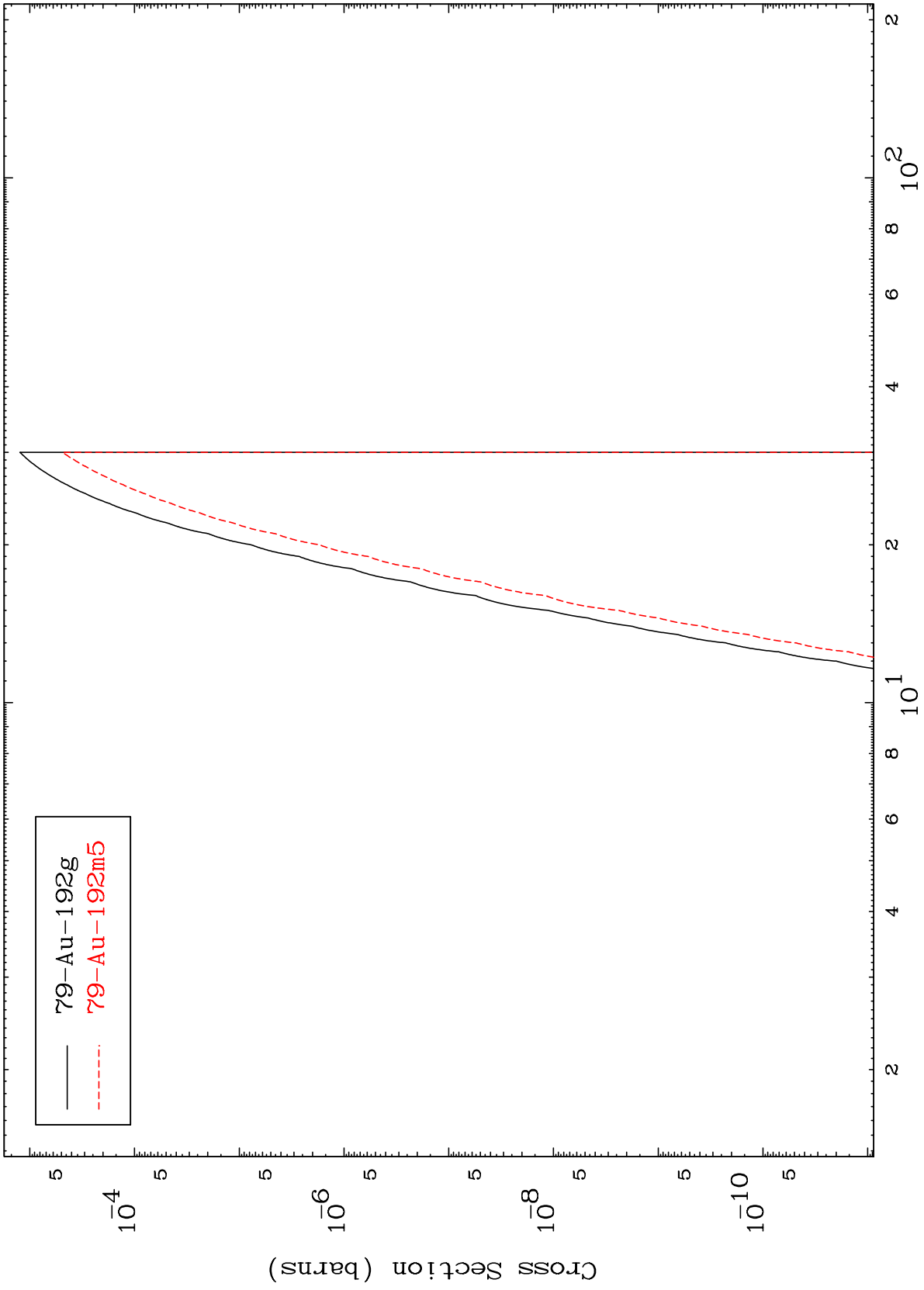
81-Tl-194

MAT 8098

(n, He-3)

81-Tl-194

Radionuclide Production Cross Section



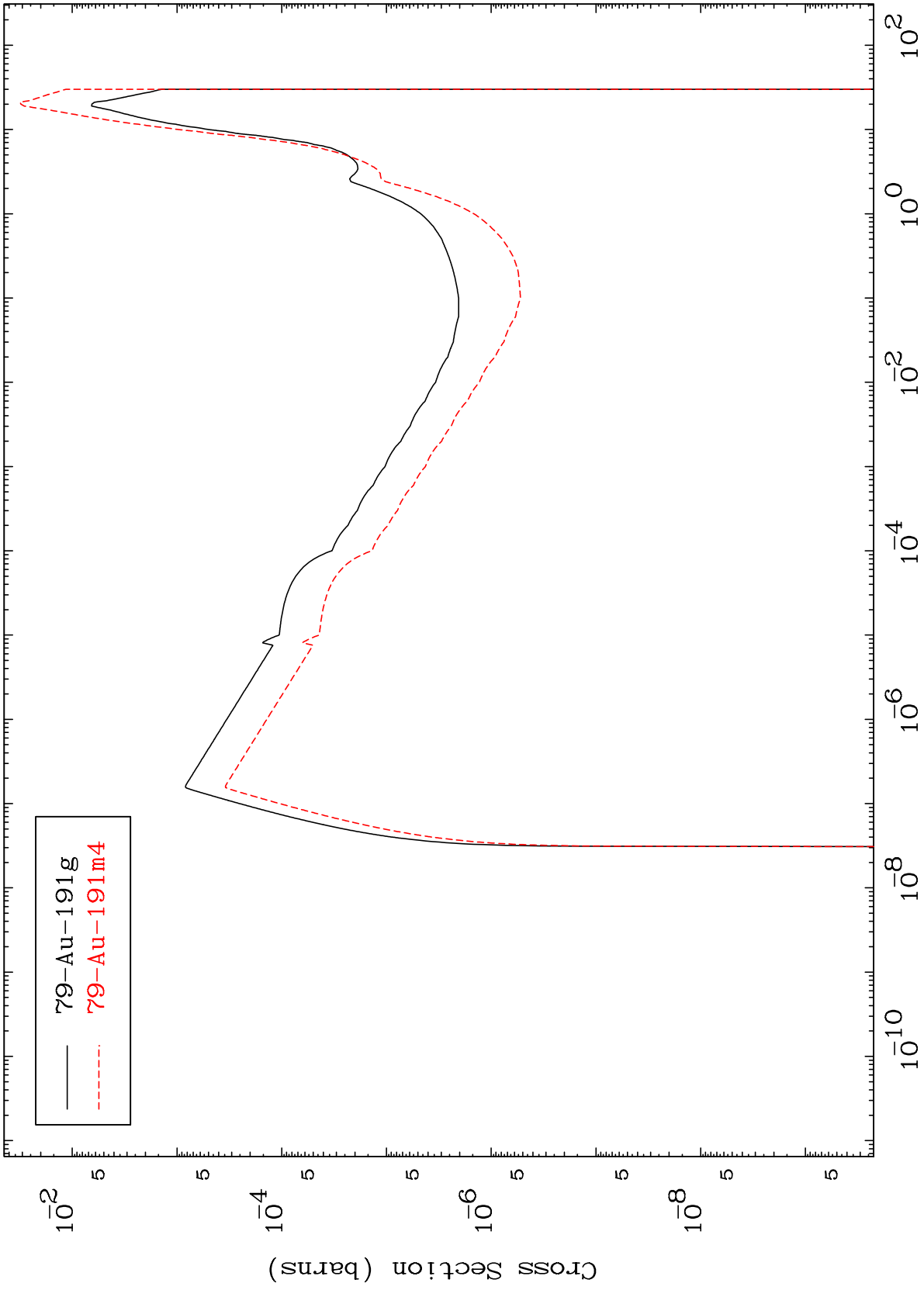
— <sup>79</sup>Au-192g  
- - - <sup>79</sup>Au-192m5

MAT 8098

(n,  $\alpha$ )

81-Tl-194

Radionuclide Production Cross Section



101

Incident Energy (MeV)

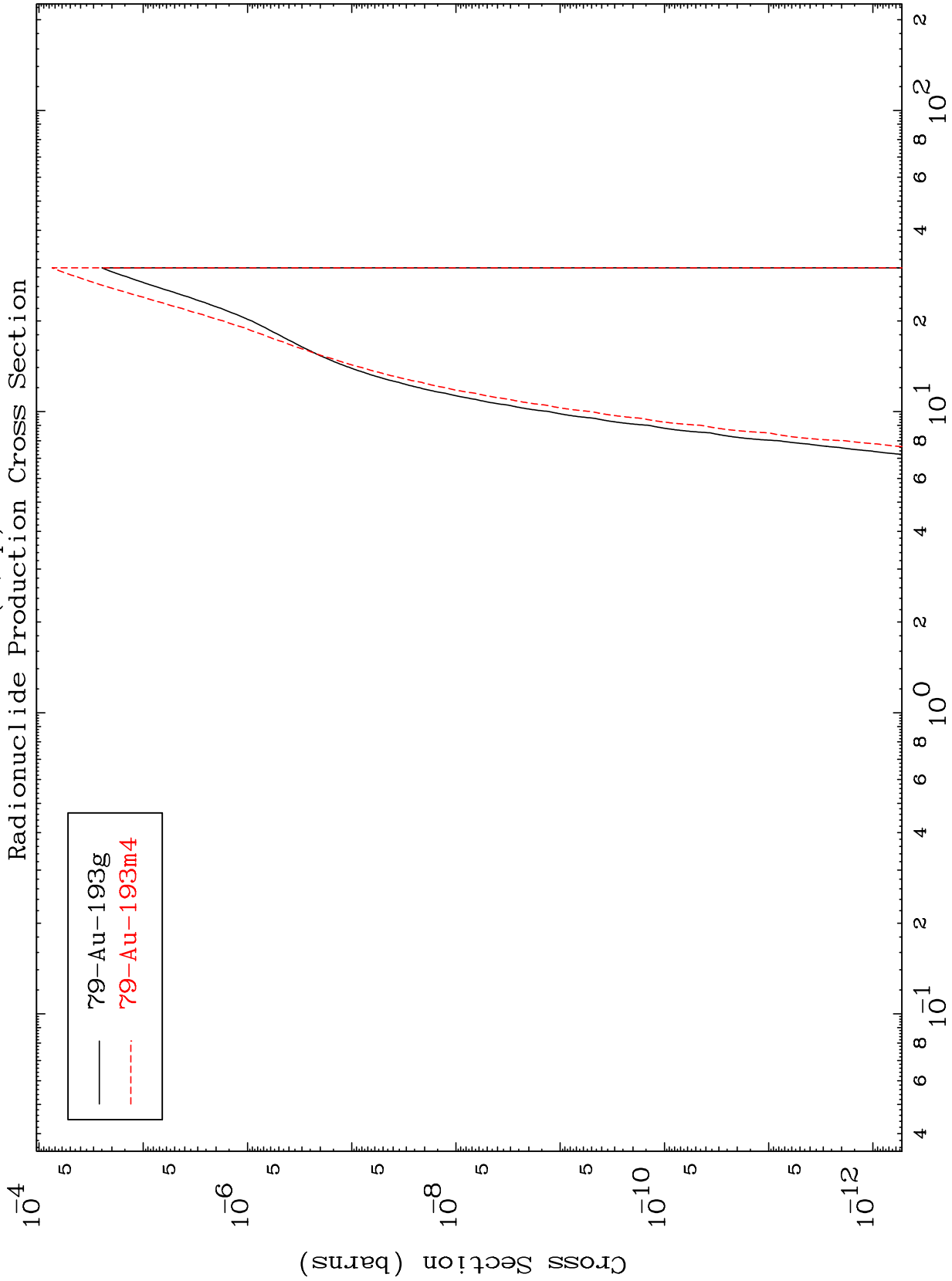
81-Tl-194

MAT 8098

(n,2p)

81-Tl-194

Radionuclide Production Cross Section



79-Au-193g  
79-Au-193m4

102

Incident Energy (MeV)

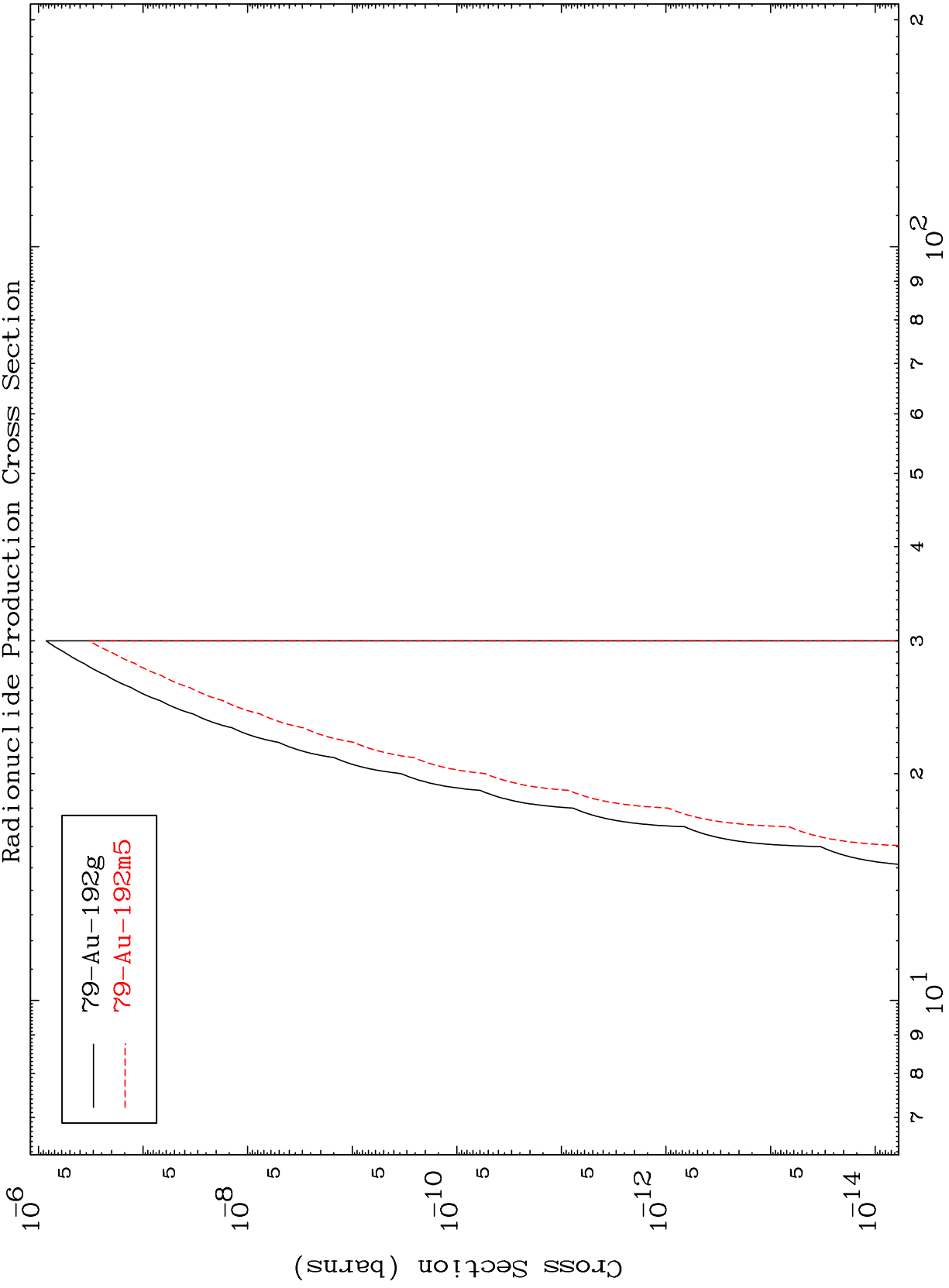
81-Tl-194

MAT 8098

(n,p) d

81-Tl-194

Radionuclide Production Cross Section



103

Incident Energy (MeV)

81-Tl-194

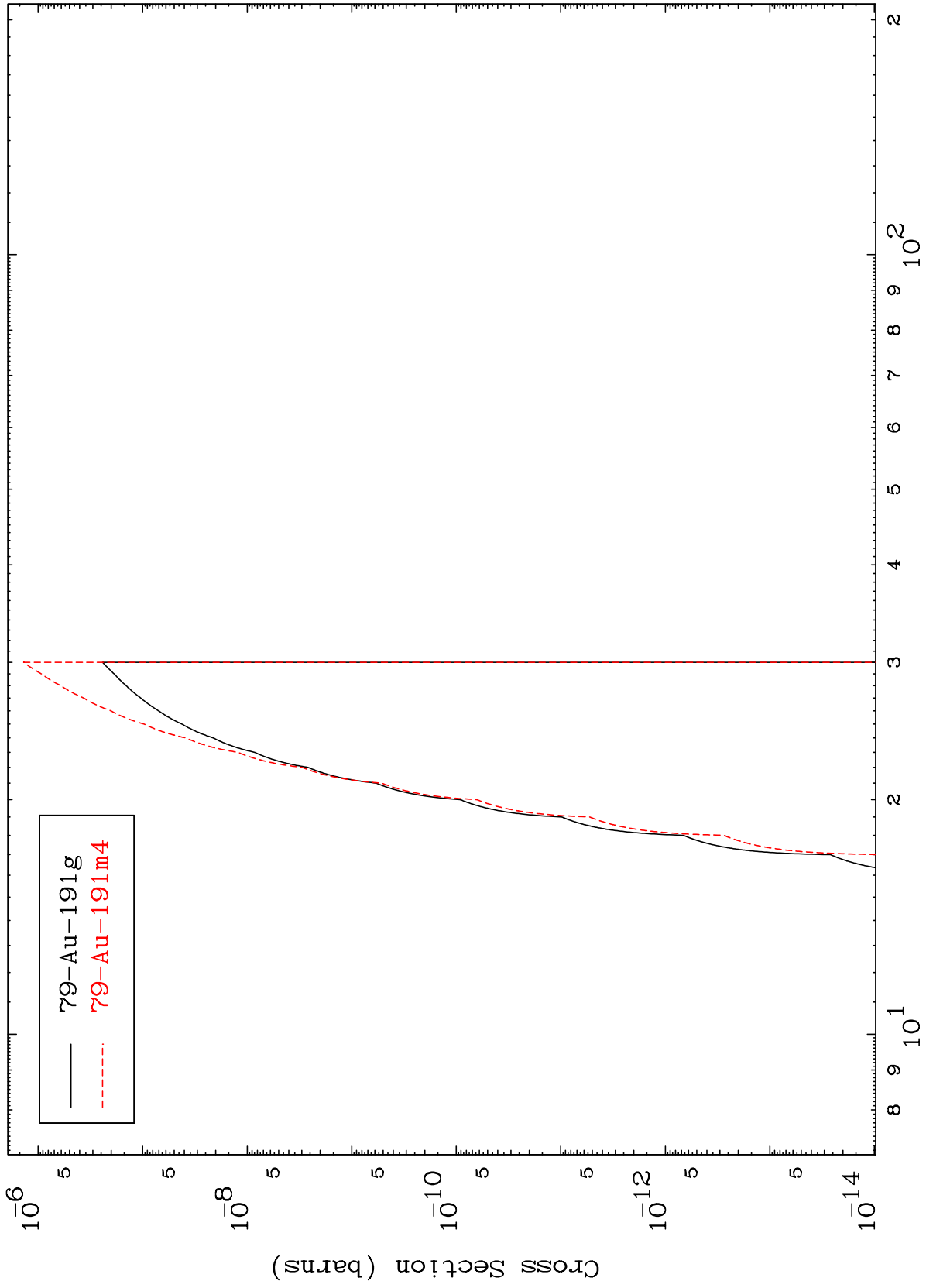


MAT 8098

(n,p) t

81-Tl-194

Radionuclide Production Cross Section



104

Incident Energy (MeV)

81-Tl-194