

Program EVALPLOT  
(Version 2018-1)

by

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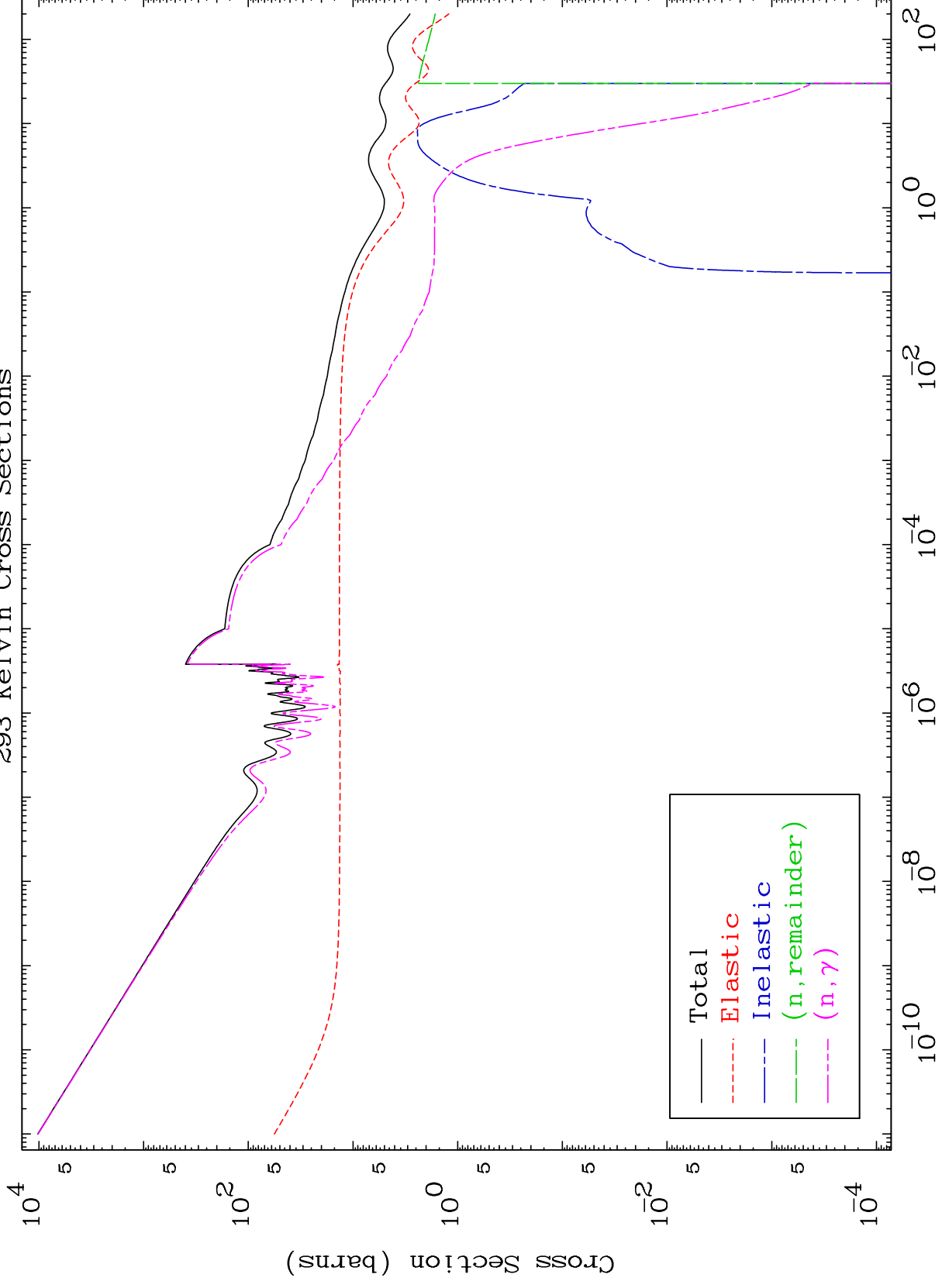
Press Mouse Button to Start

MAT 8092

Major

293 Kelvin Cross Sections

81-T1-192



1

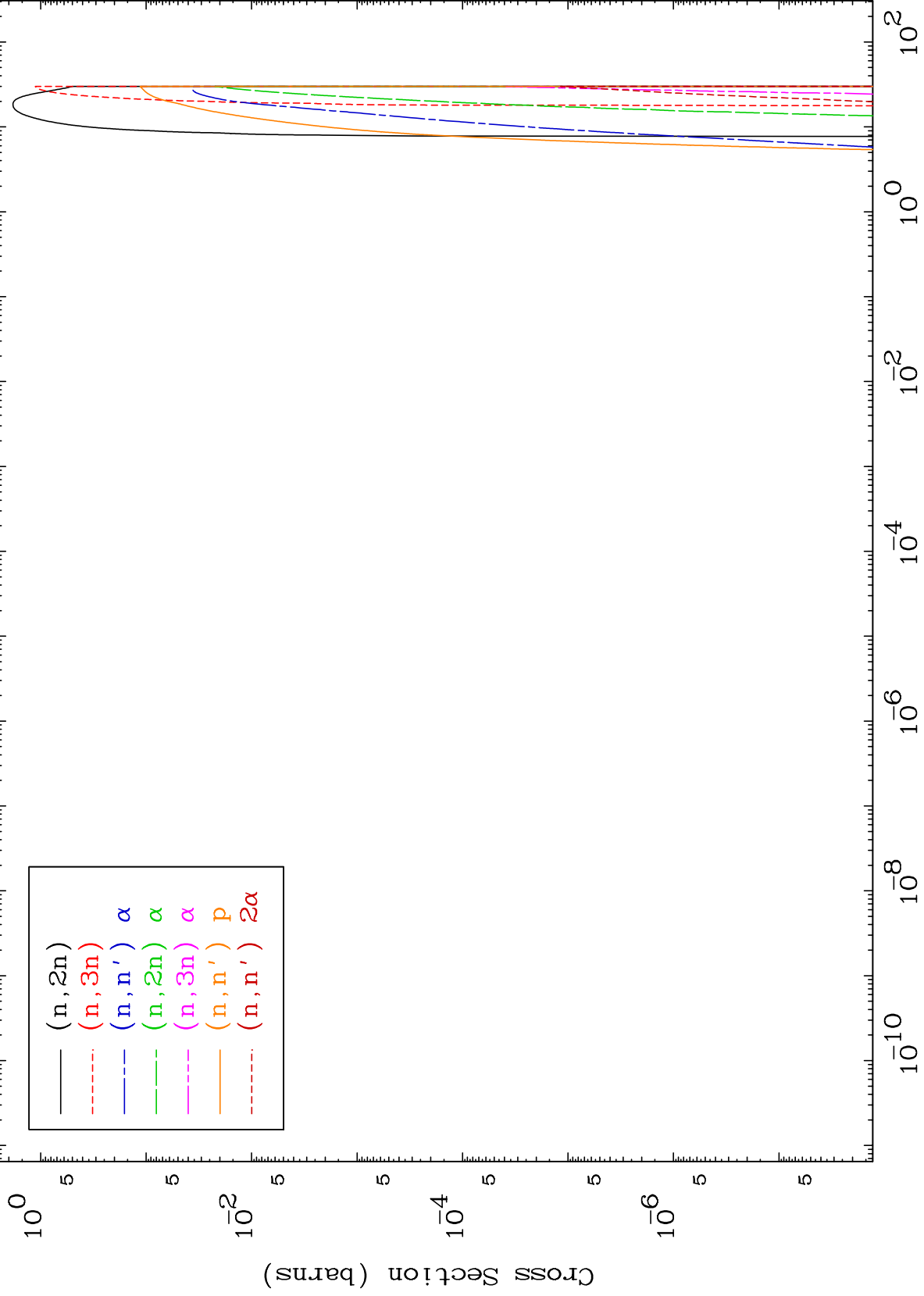
Incident Energy (MeV)

81-T1-192

MAT 8092

Neutron Production  
293 Kelvin Cross Sections

81-Tl-192



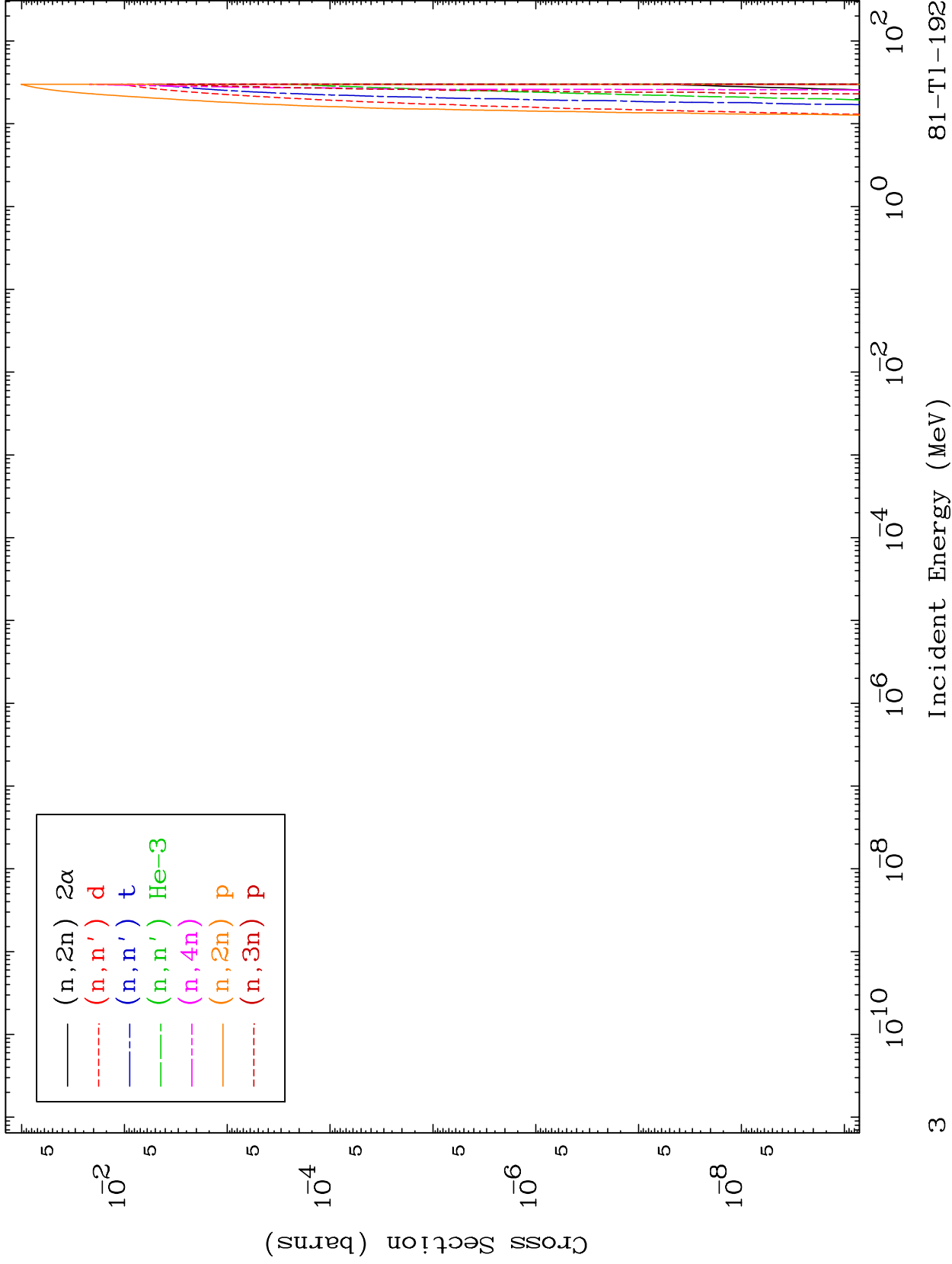
81-Tl-192

Incident Energy (MeV)

MAT 8092

Neutron Production  
293 Kelvin Cross Sections

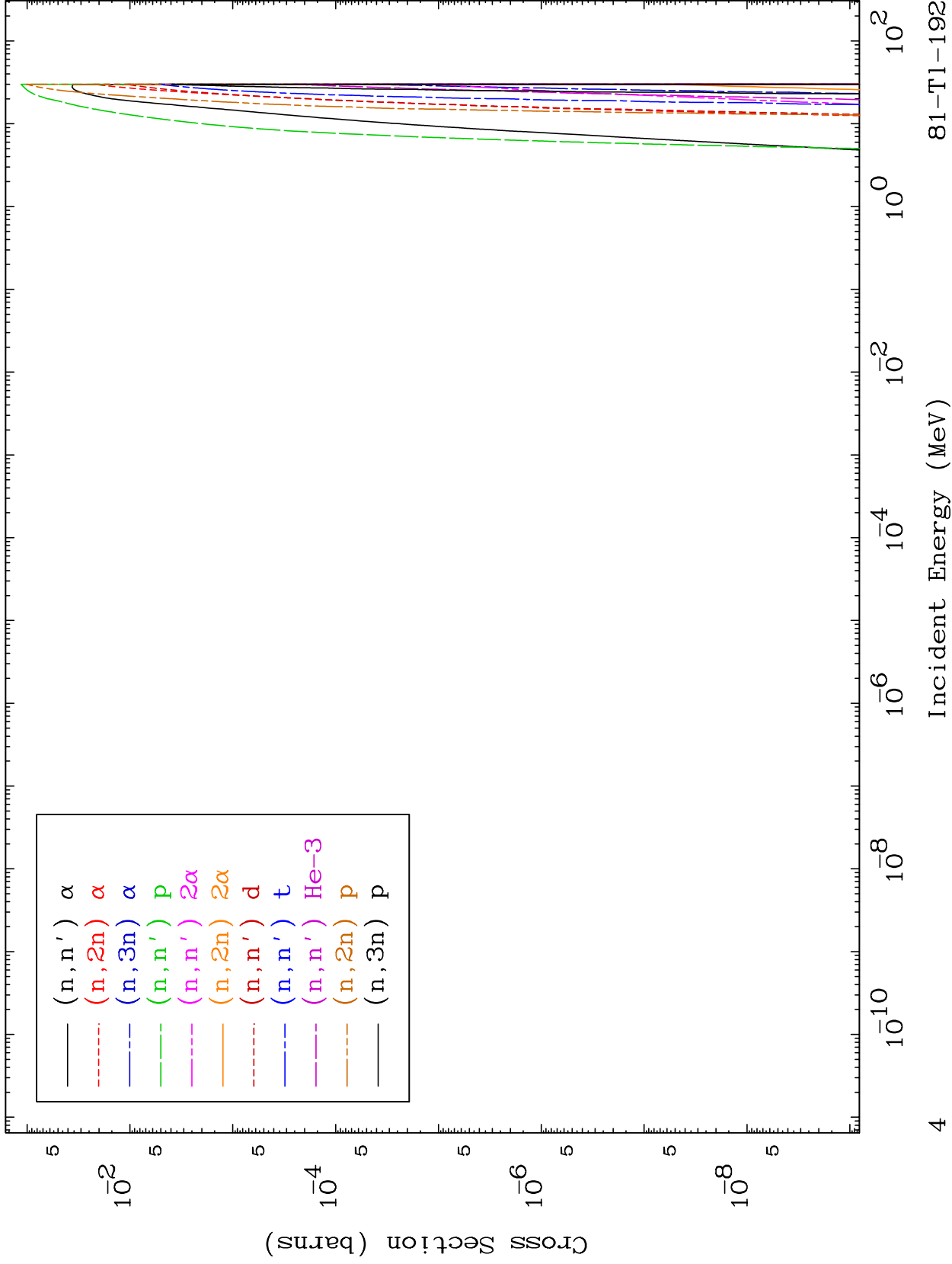
81-Tl-192

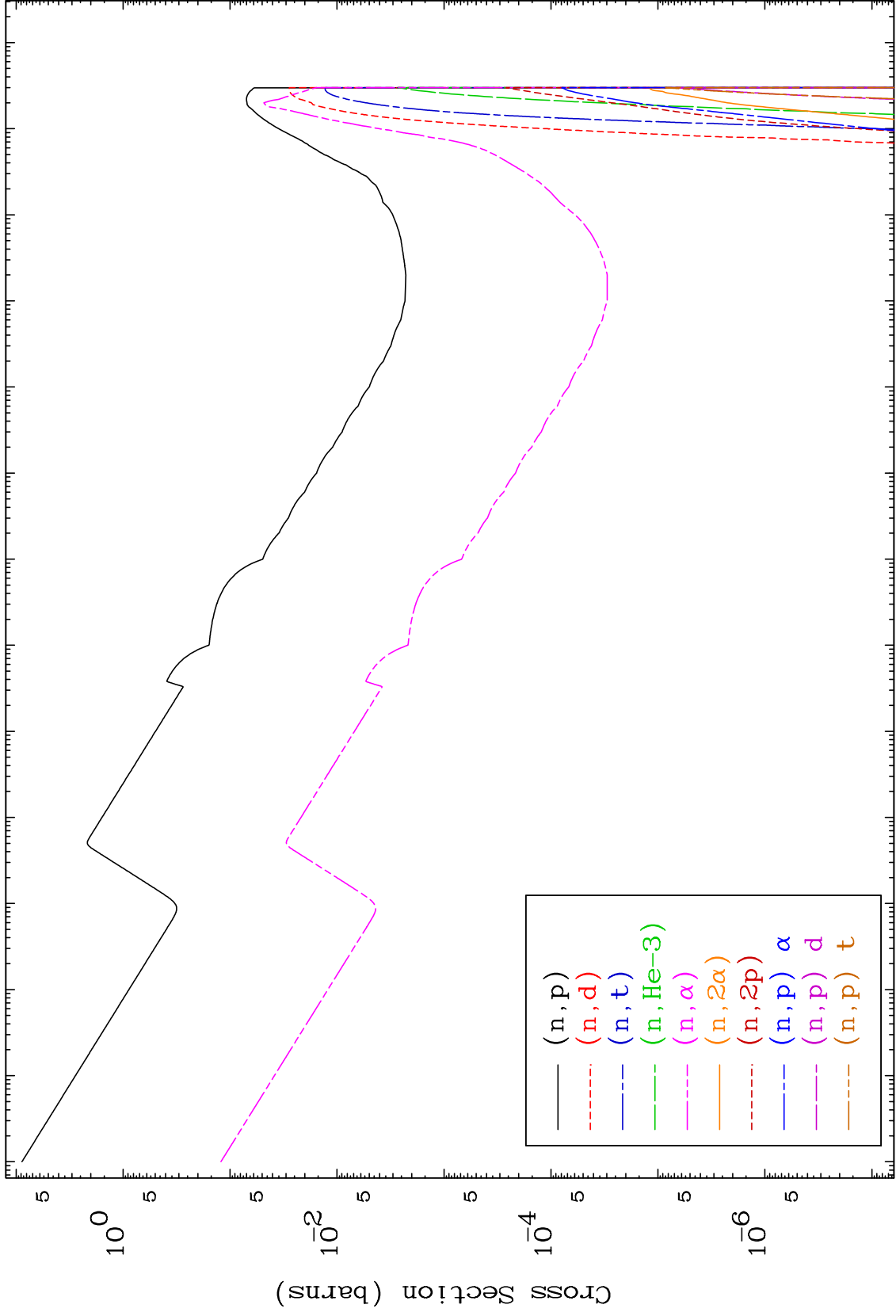


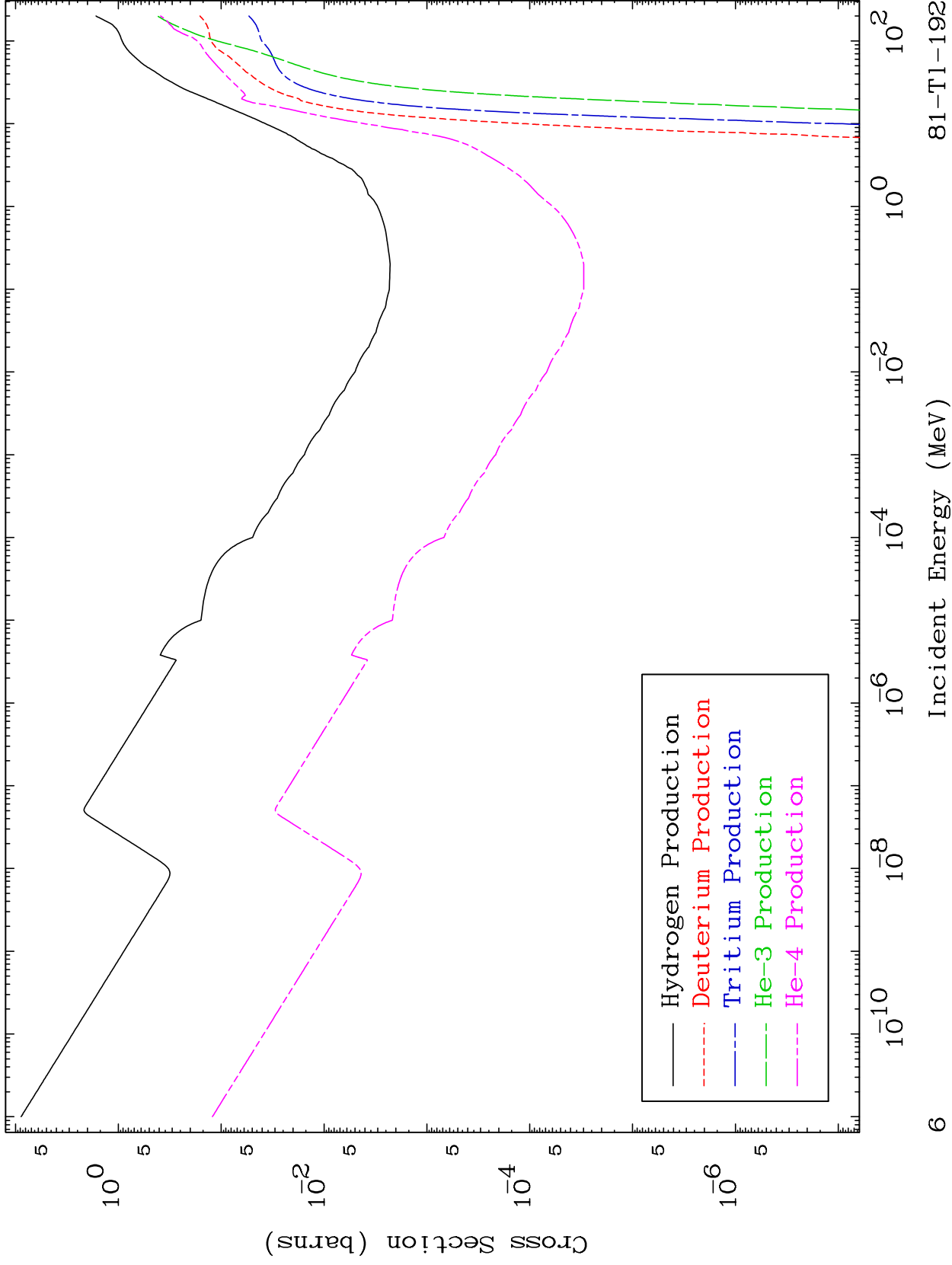
MAT 8092

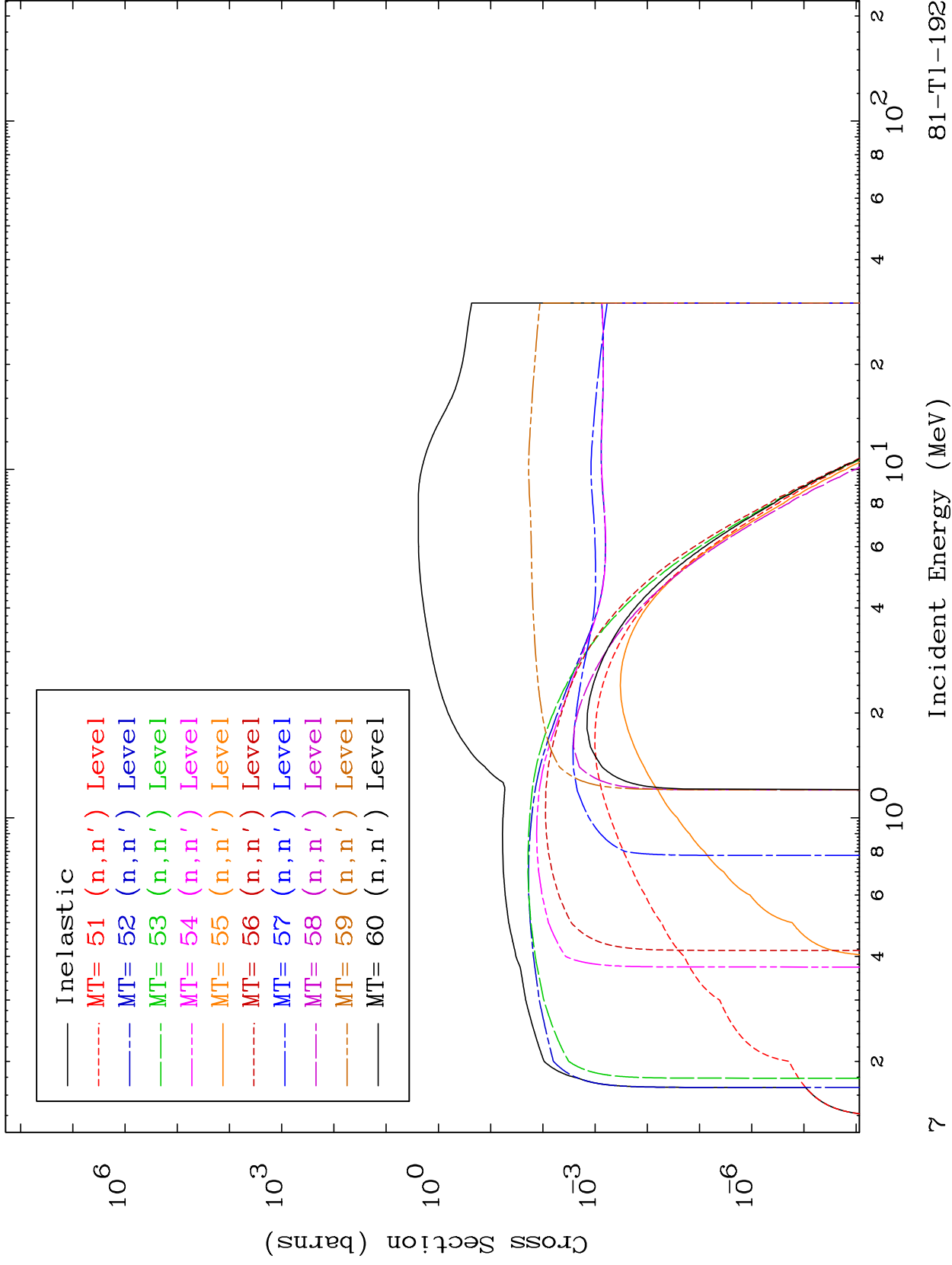
Charged Particle  
293 Kelvin Cross Sections

81-Tl-192



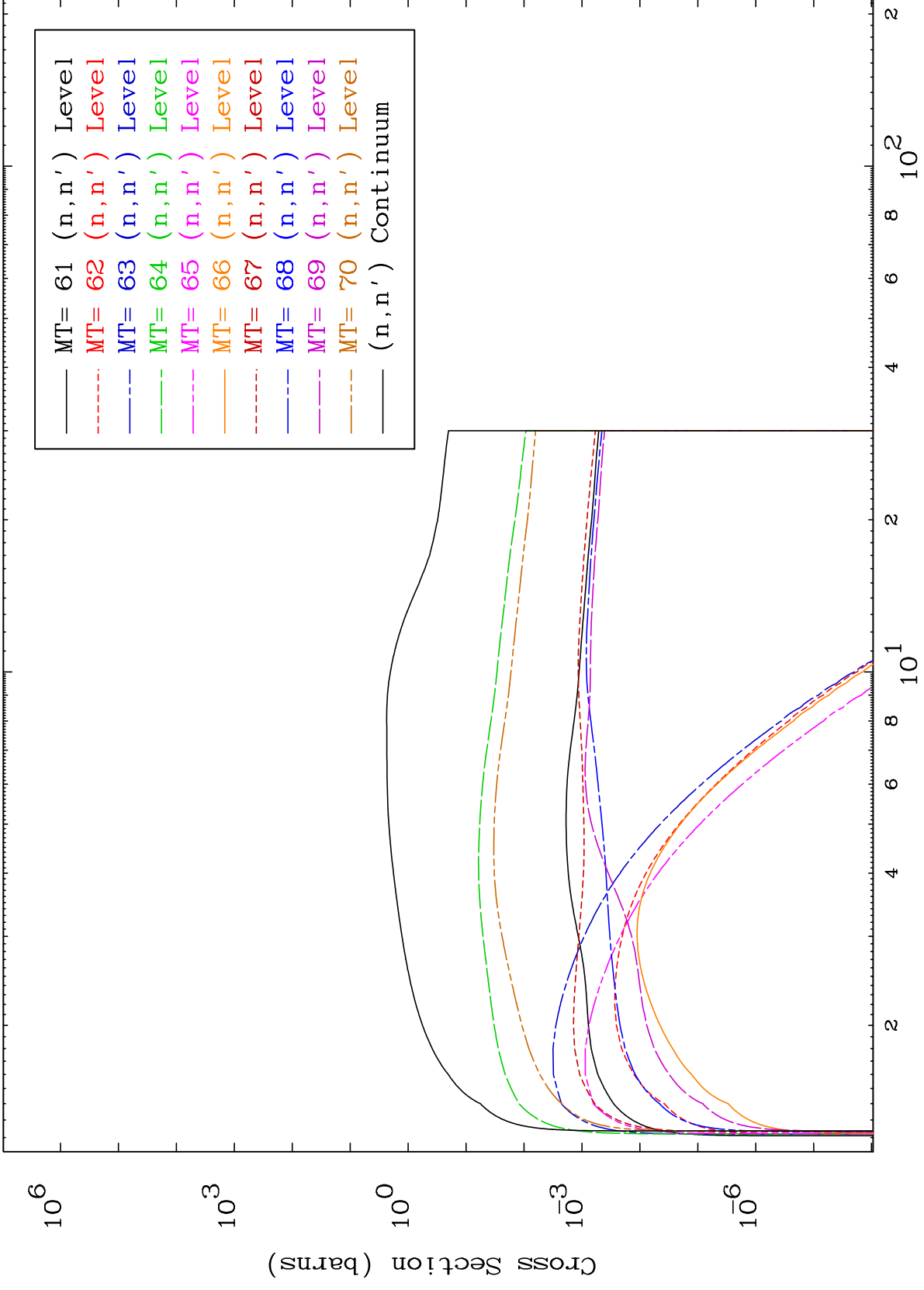


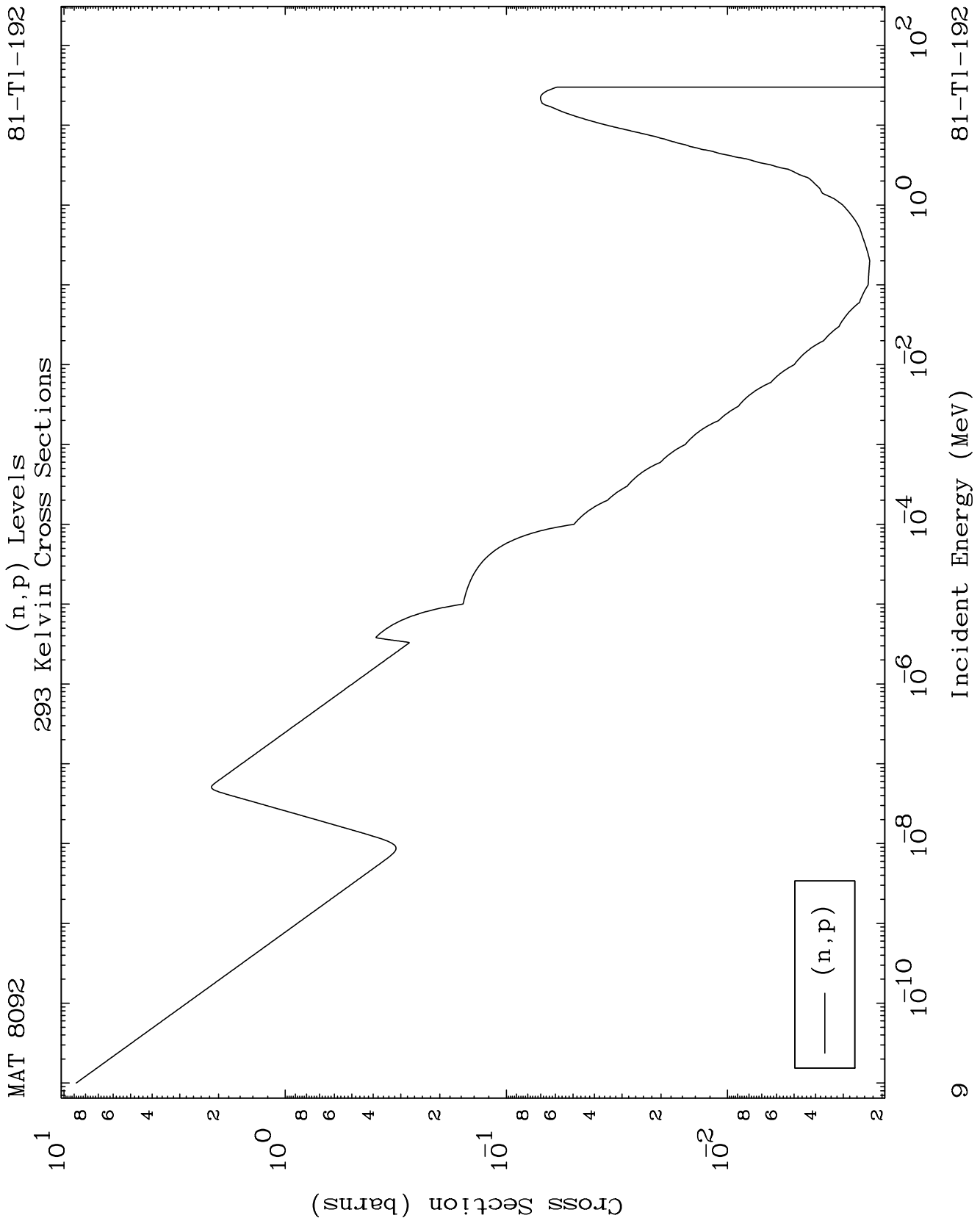






293 Kelvin Cross Sections

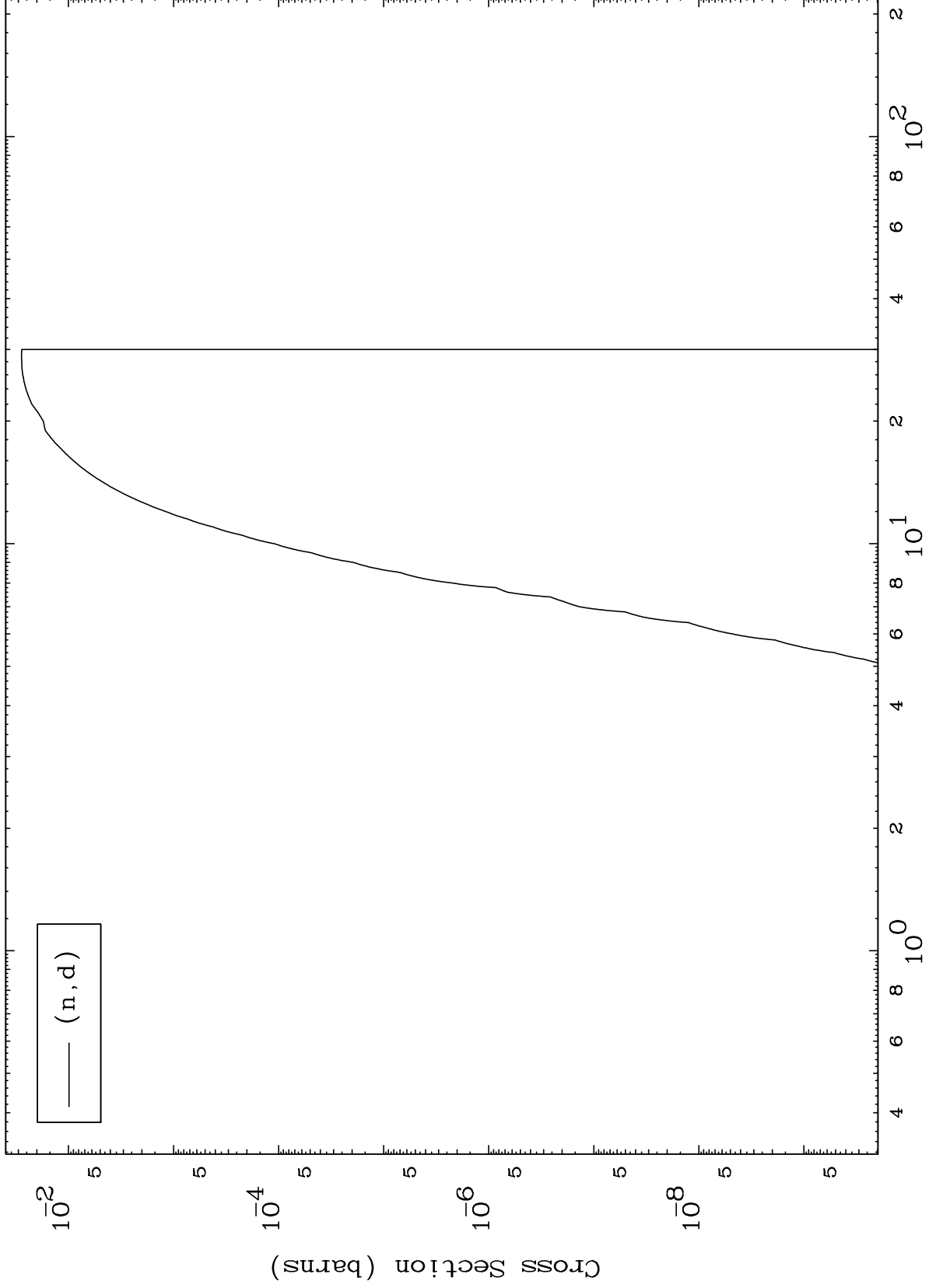




MAT 8092

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-192



10

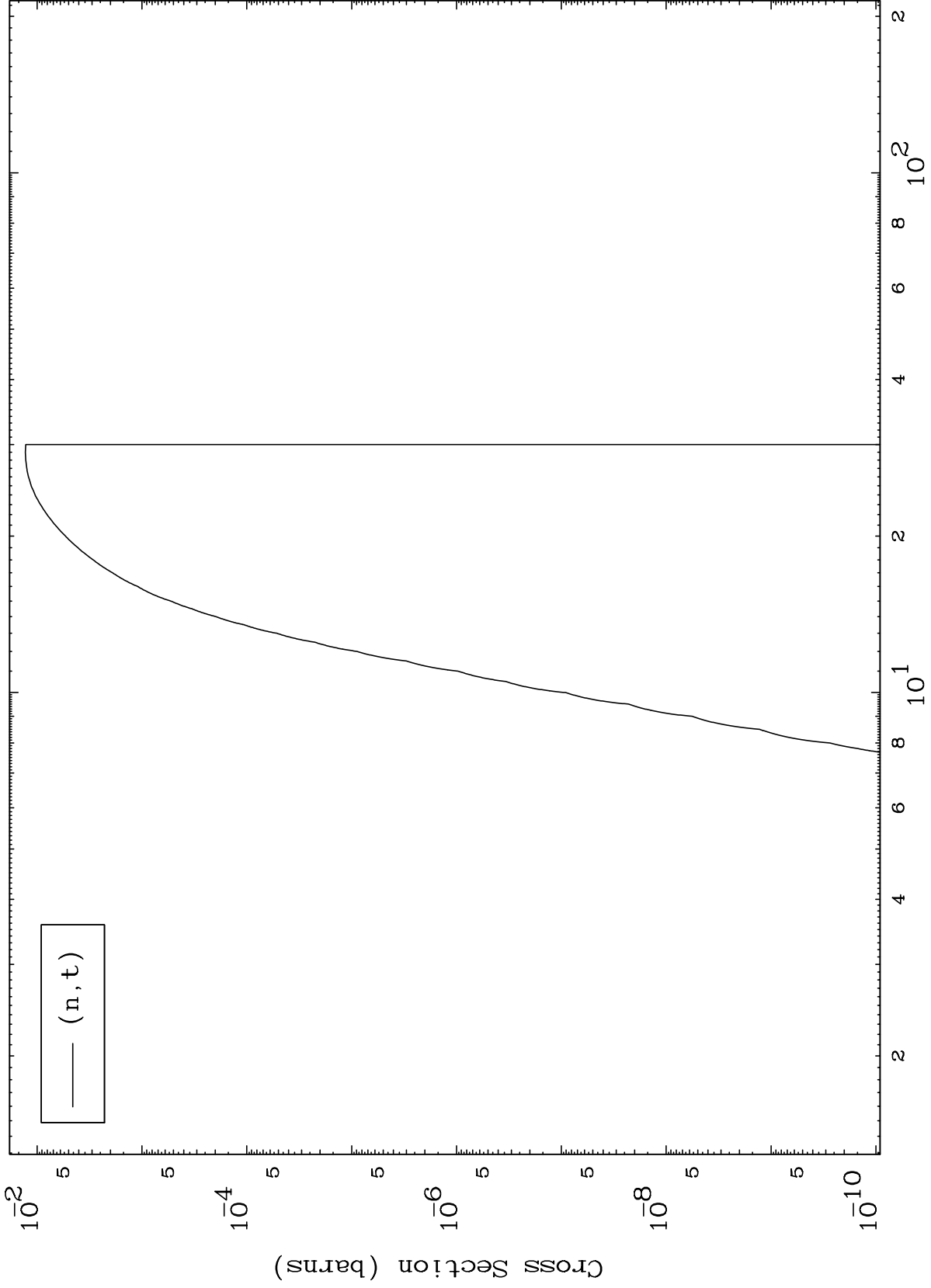
Incident Energy (MeV)

81-Tl-192

MAT 8092

(n,t) Levels  
293 Kelvin Cross Sections

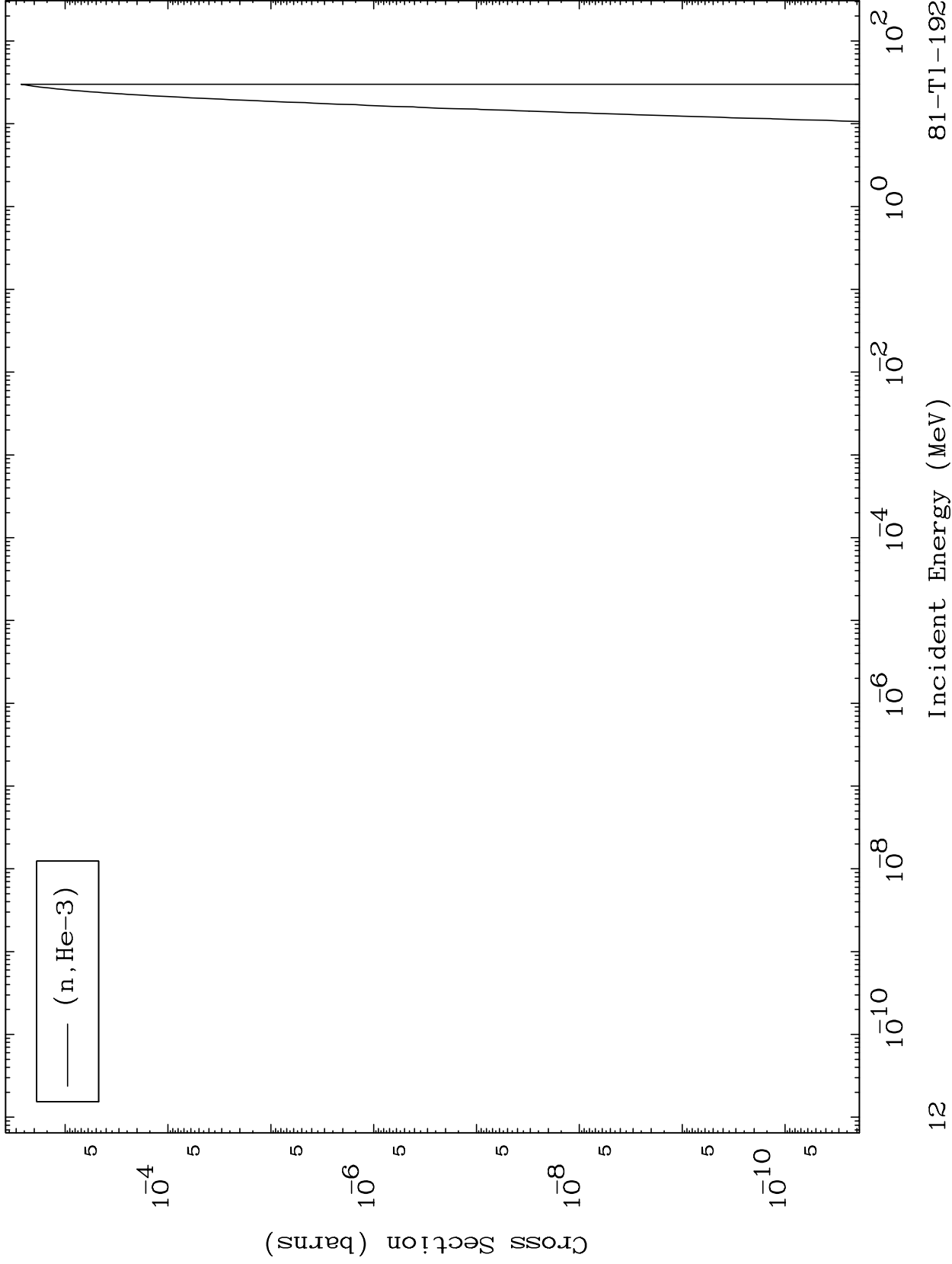
81-Tl-192



MAT 8092

(n,He3) Levels  
293 Kelvin Cross Sections

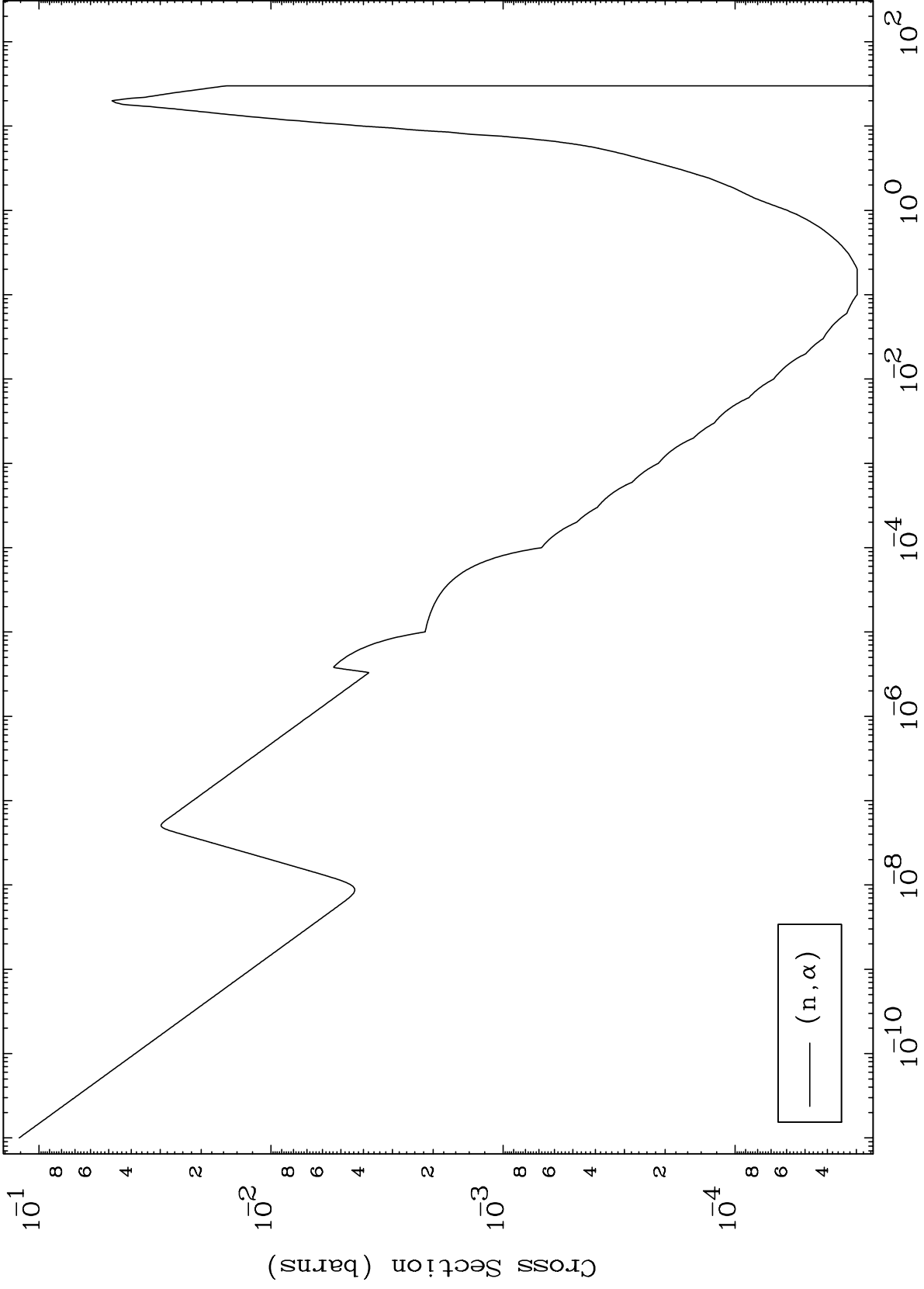
81-T1-192



MAT 8092

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

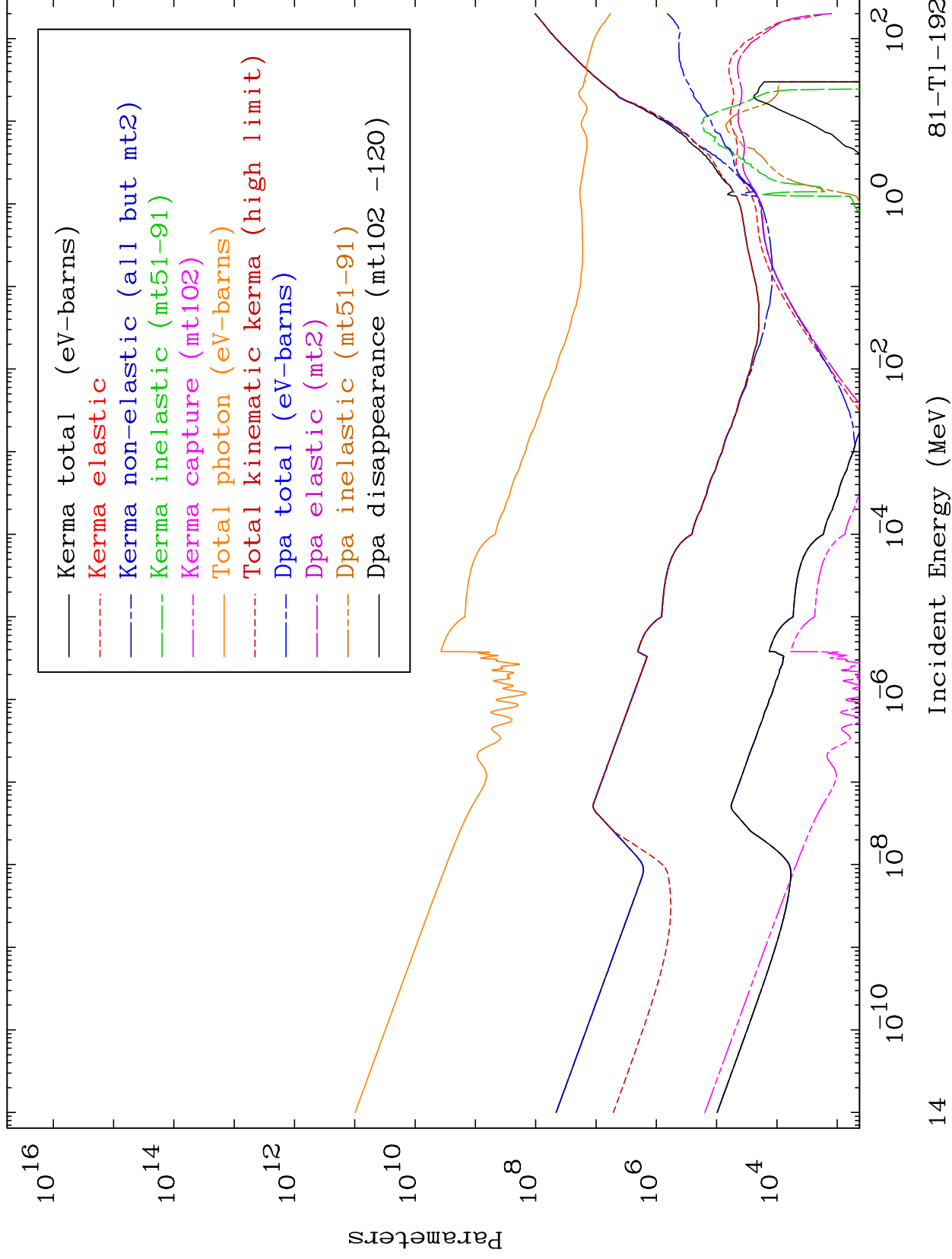
81-Tl-192

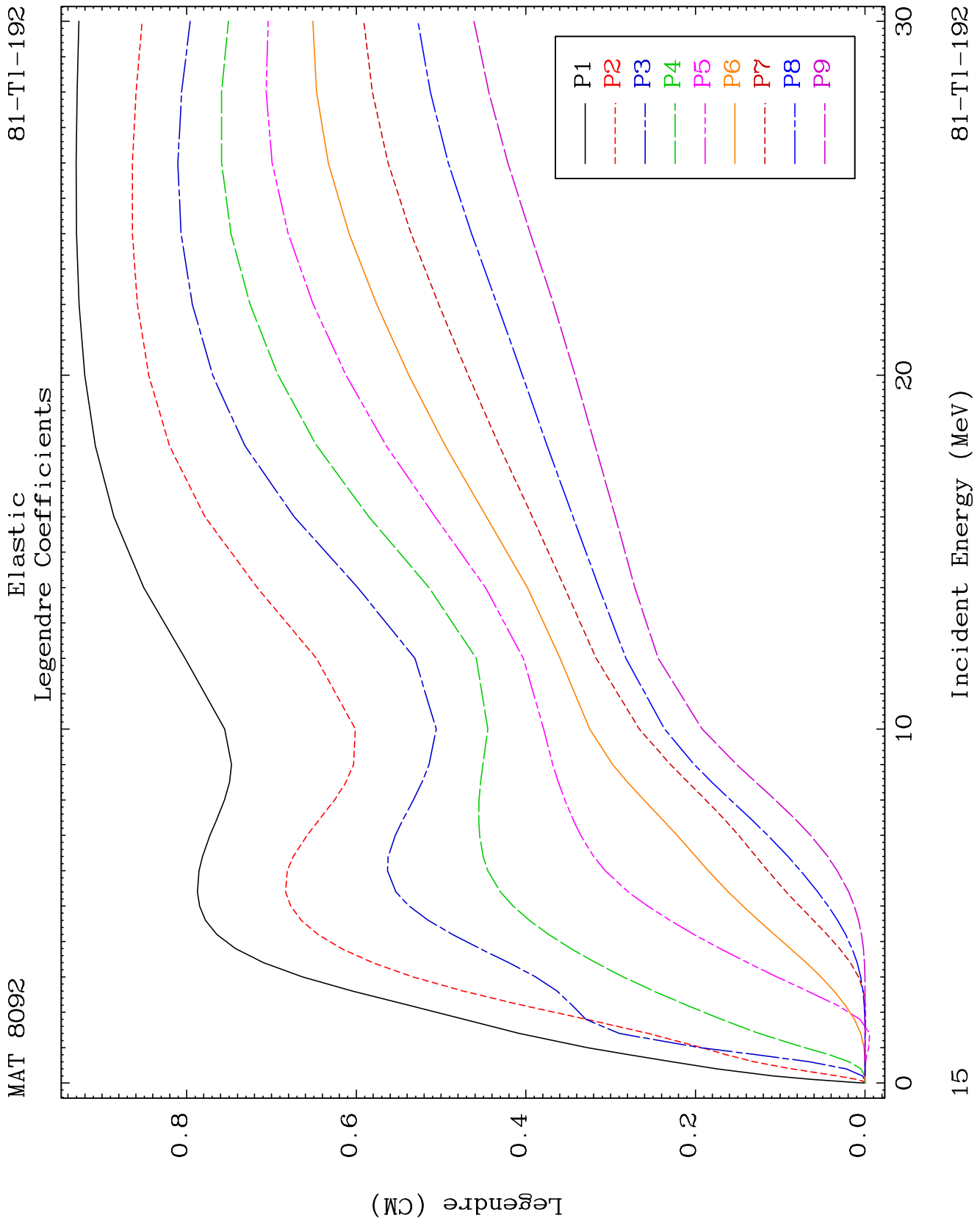


13

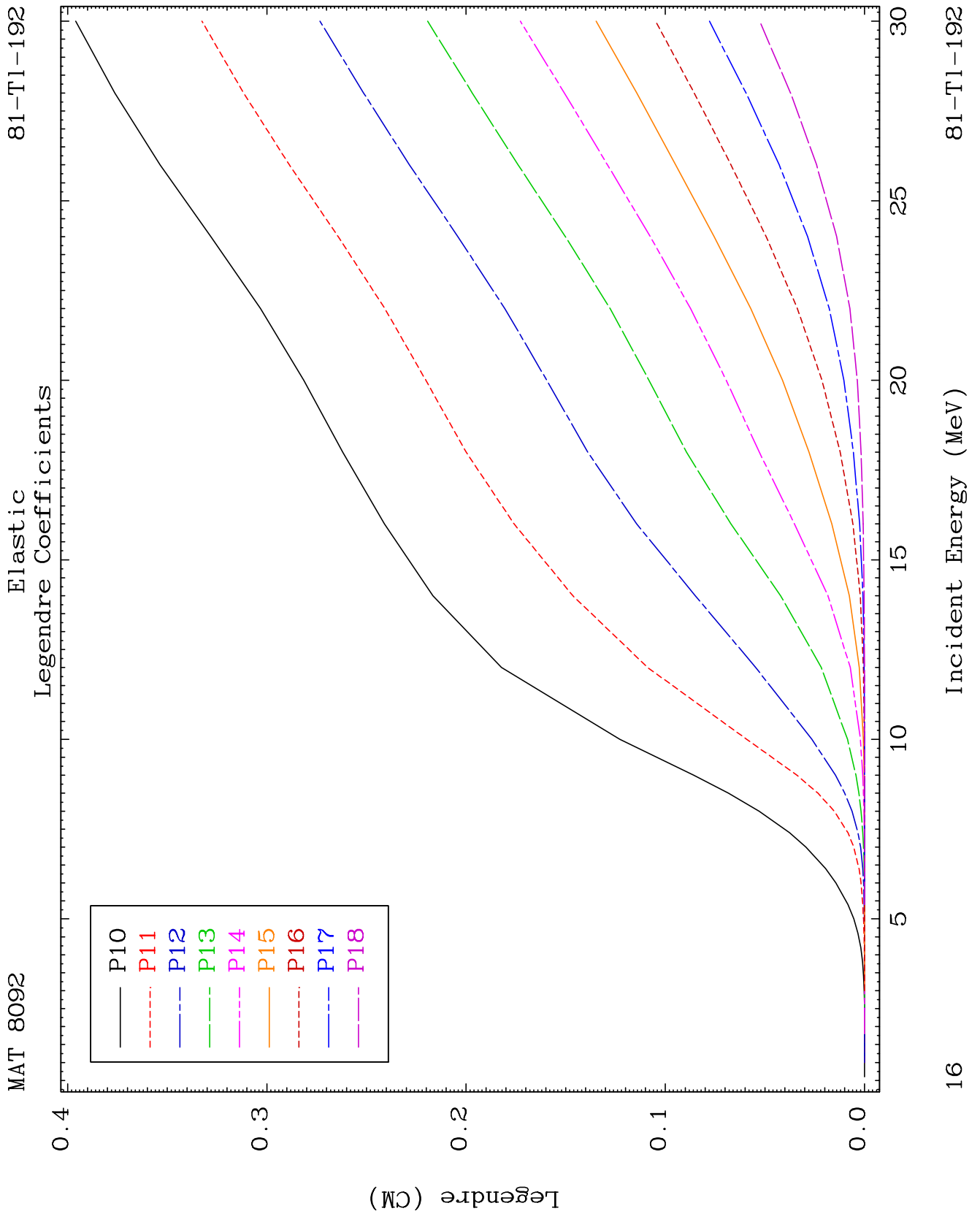
Incident Energy (MeV)

81-Tl-192









81-T1-192

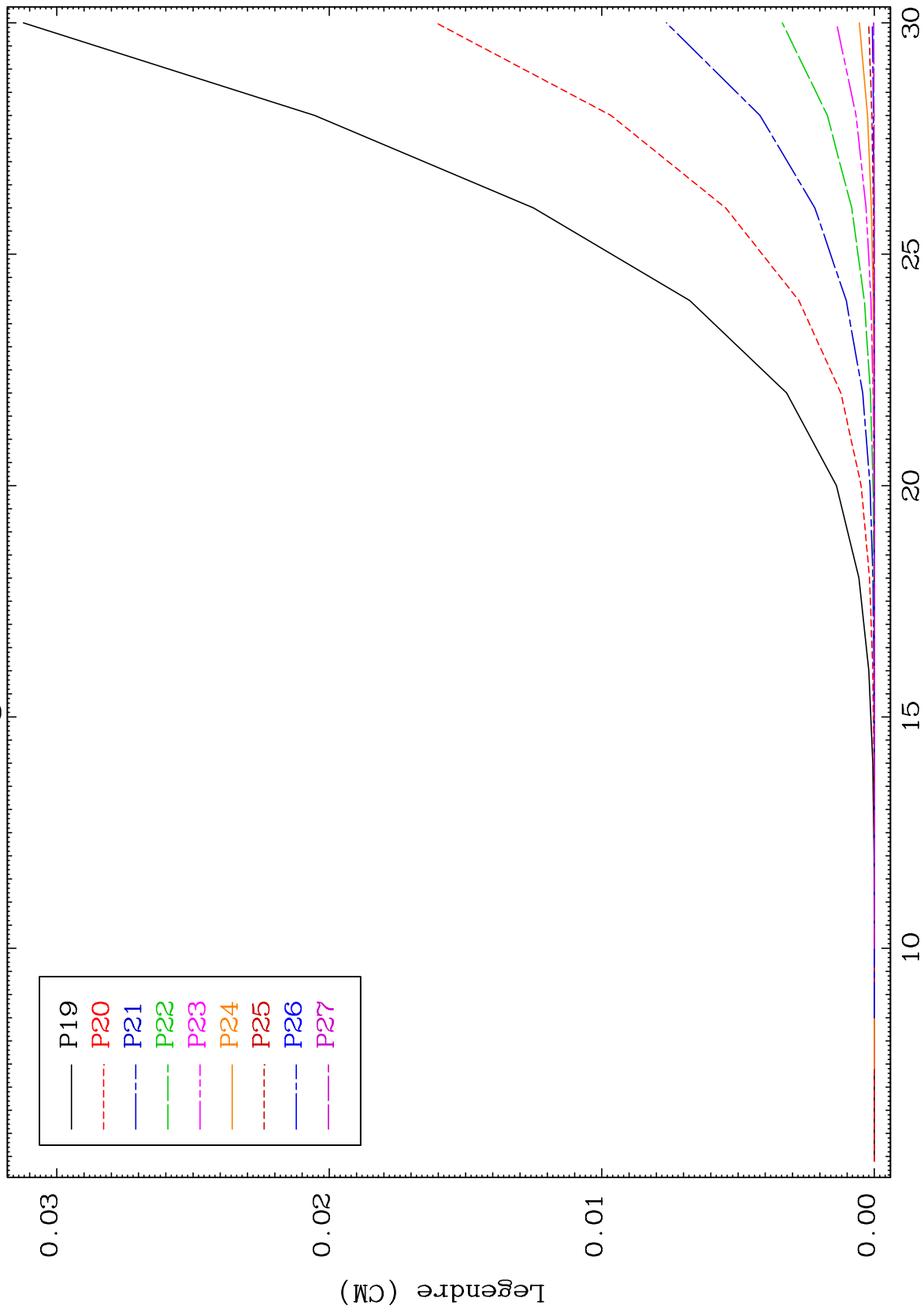
Incident Energy (MeV)

16

MAT 8092

### Elastic Legendre Coefficients

81-Tl-192



17

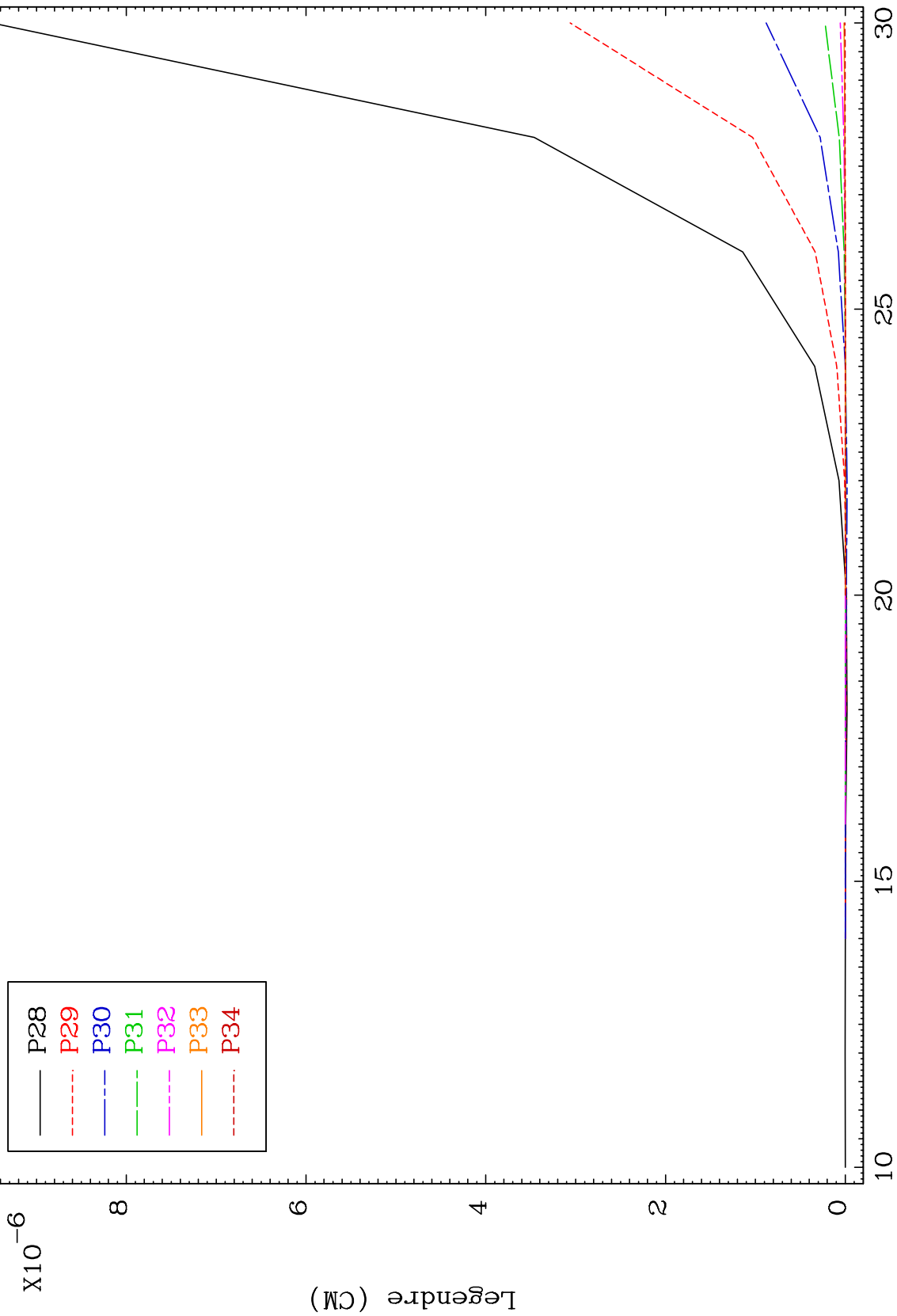
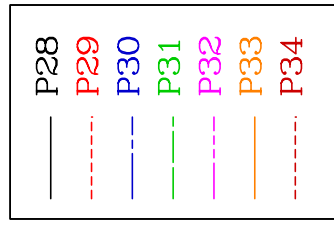
Incident Energy (MeV)

81-Tl-192

MAT 8092

Elastic  
Legendre Coefficients

81-T1-192



18

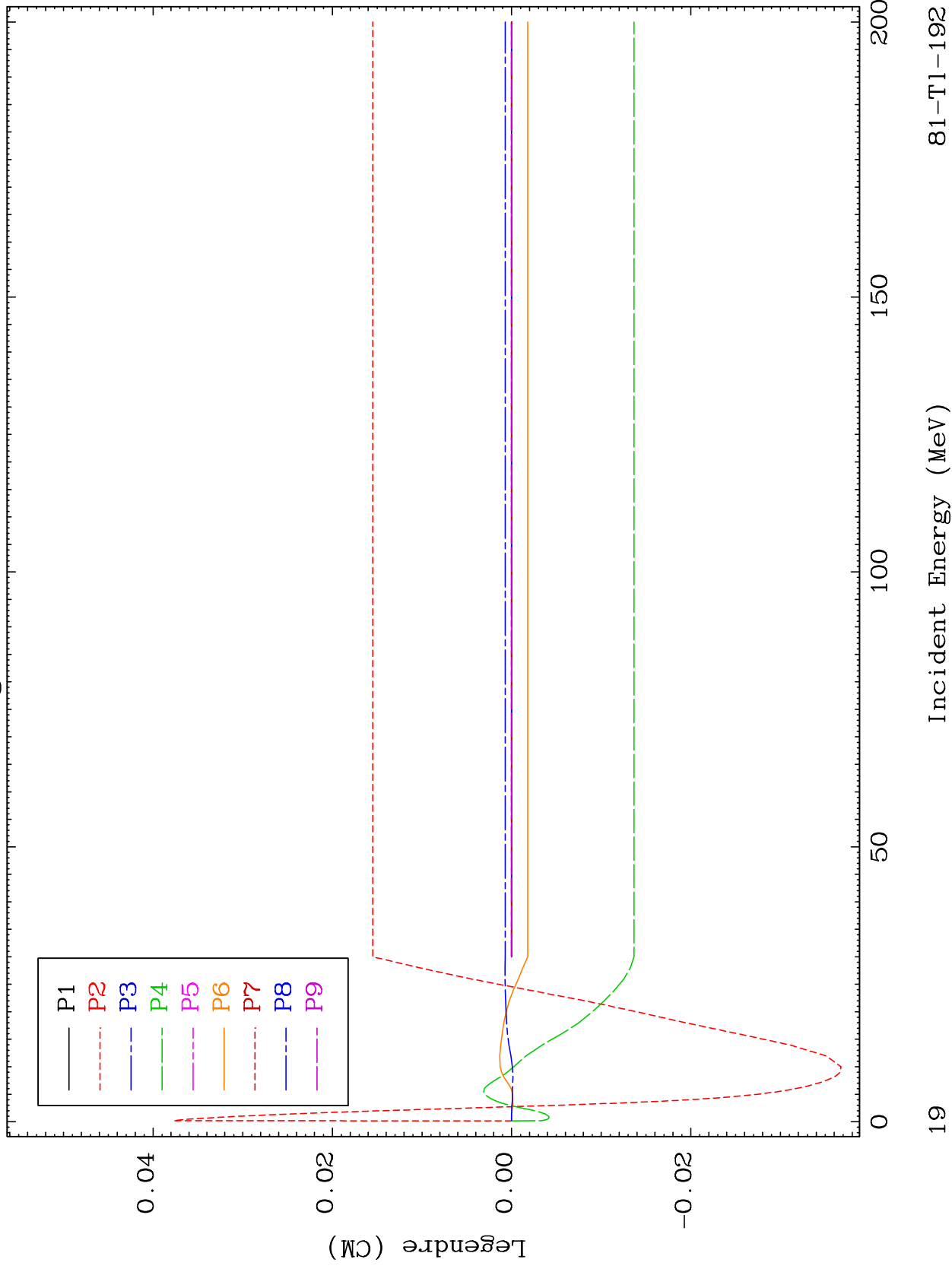
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-T1-192

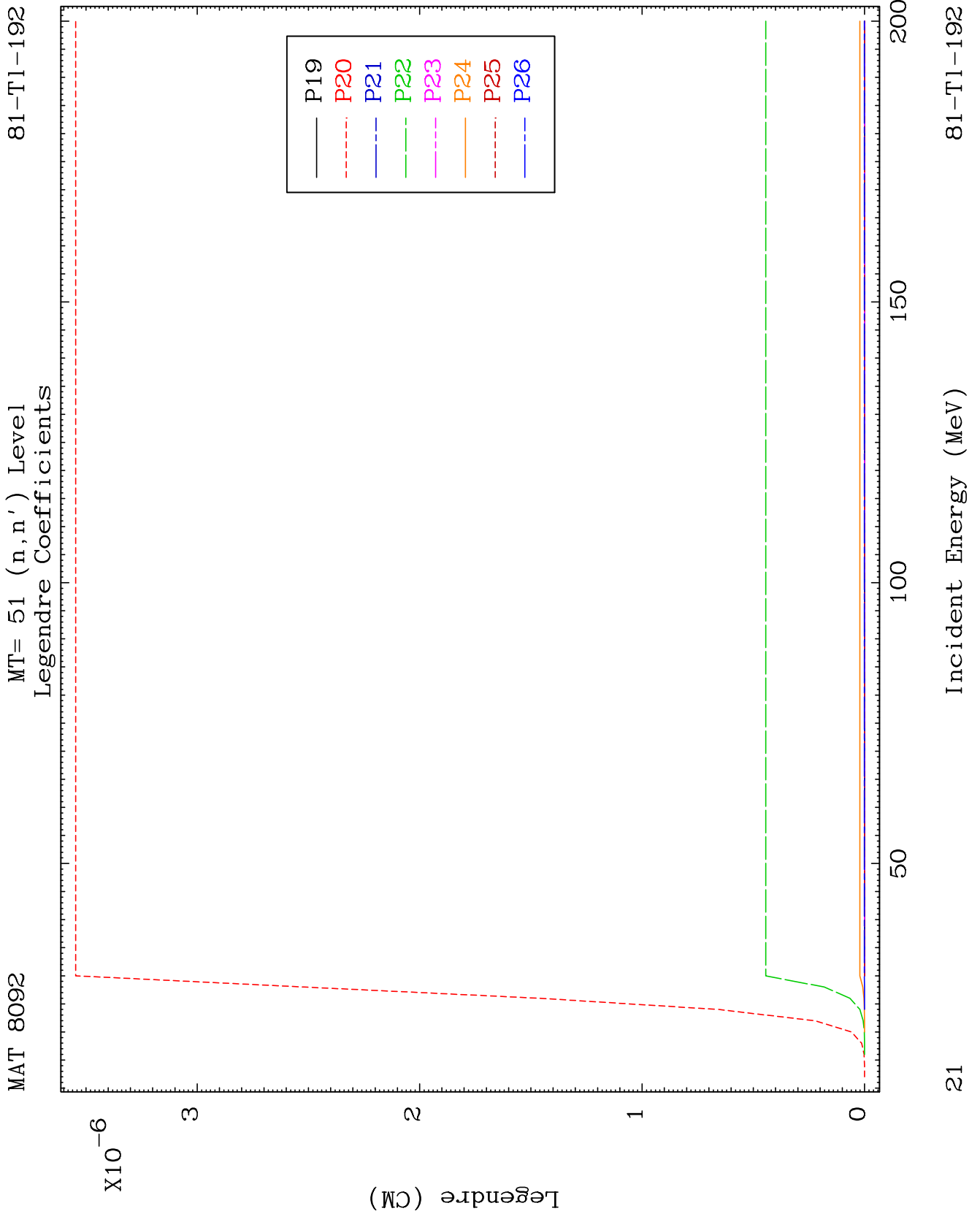


19

Incident Energy (MeV)

81-T1-192

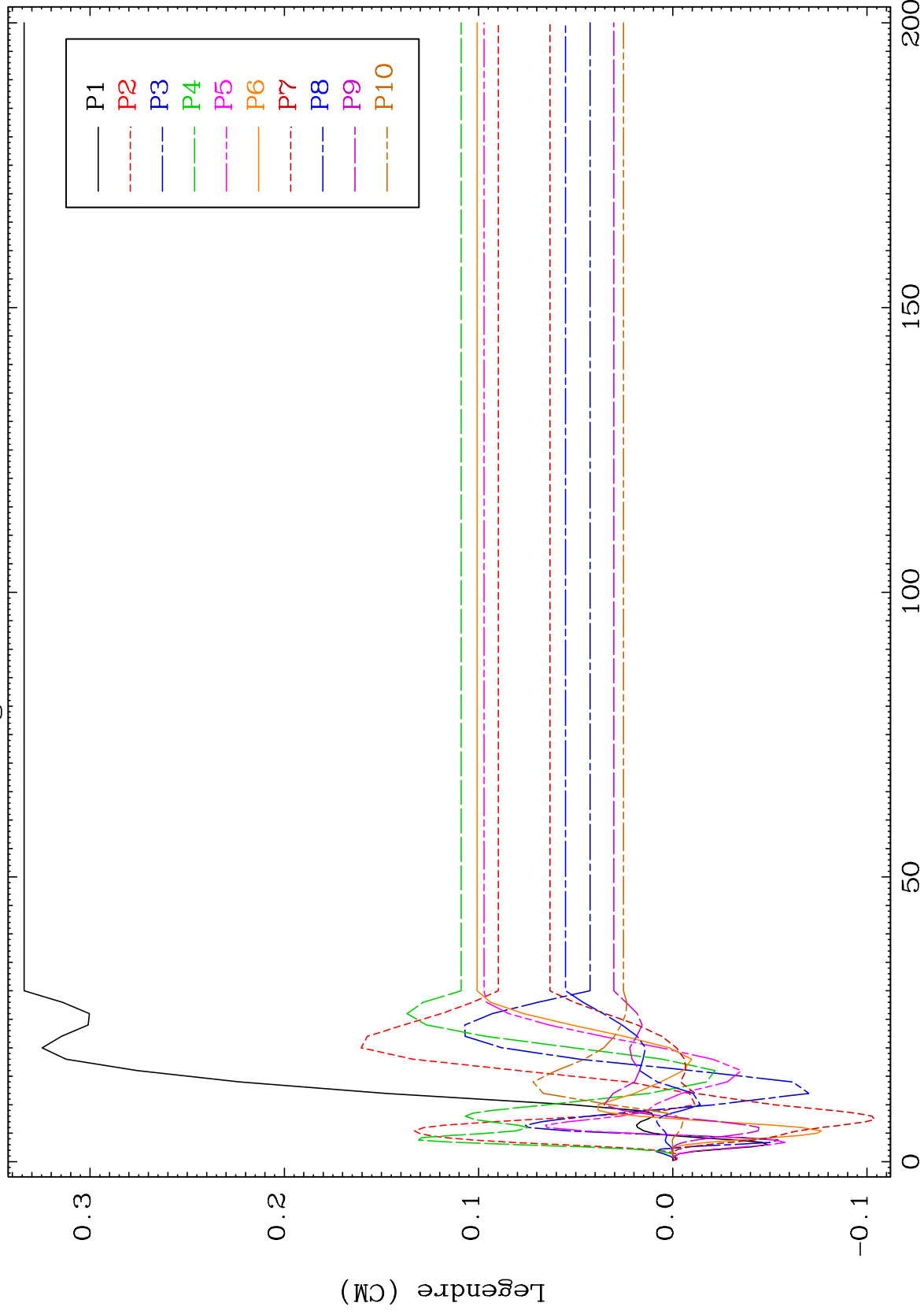




MAT 8092

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

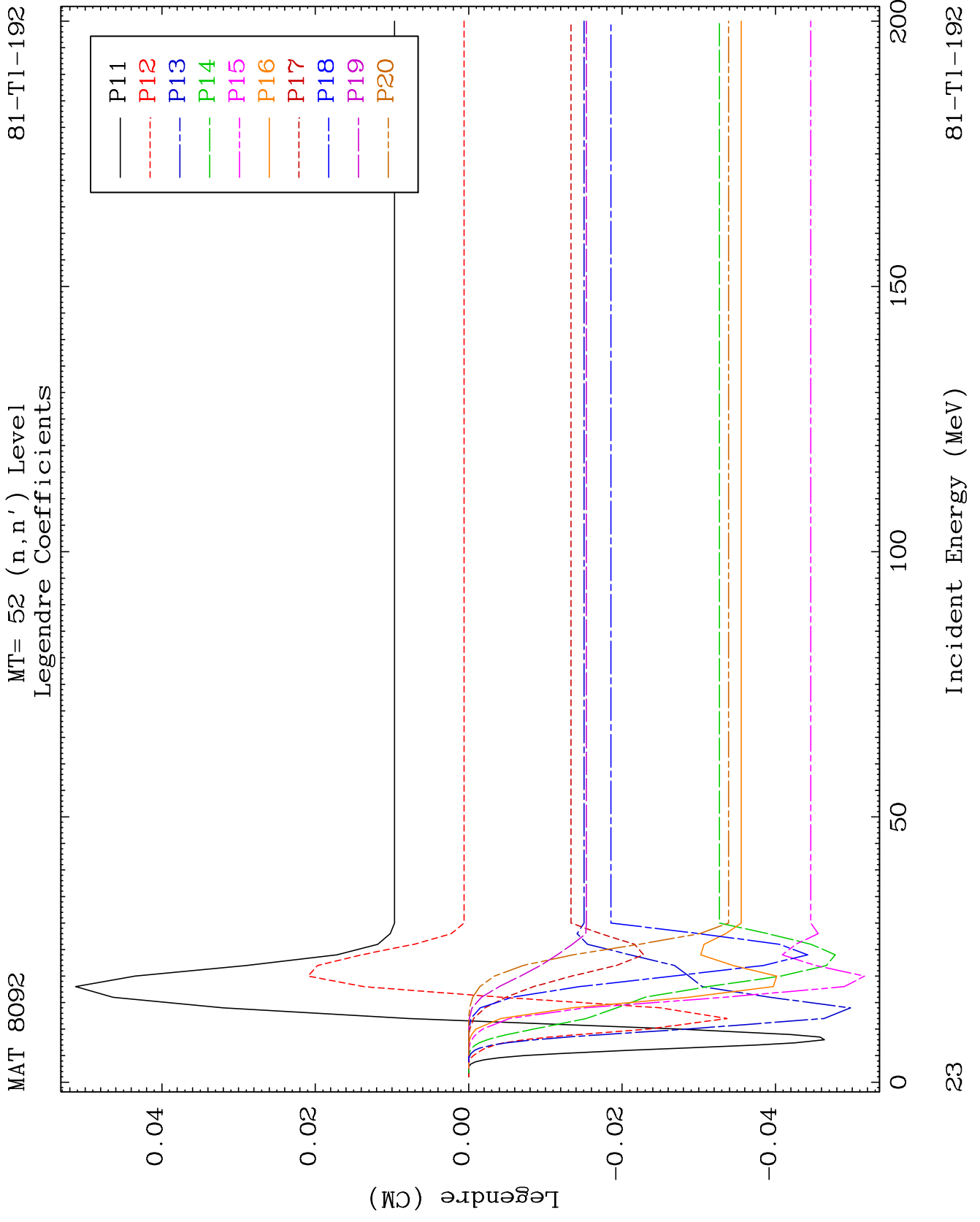
81-Tl-192



22

Incident Energy (MeV)

81-Tl-192

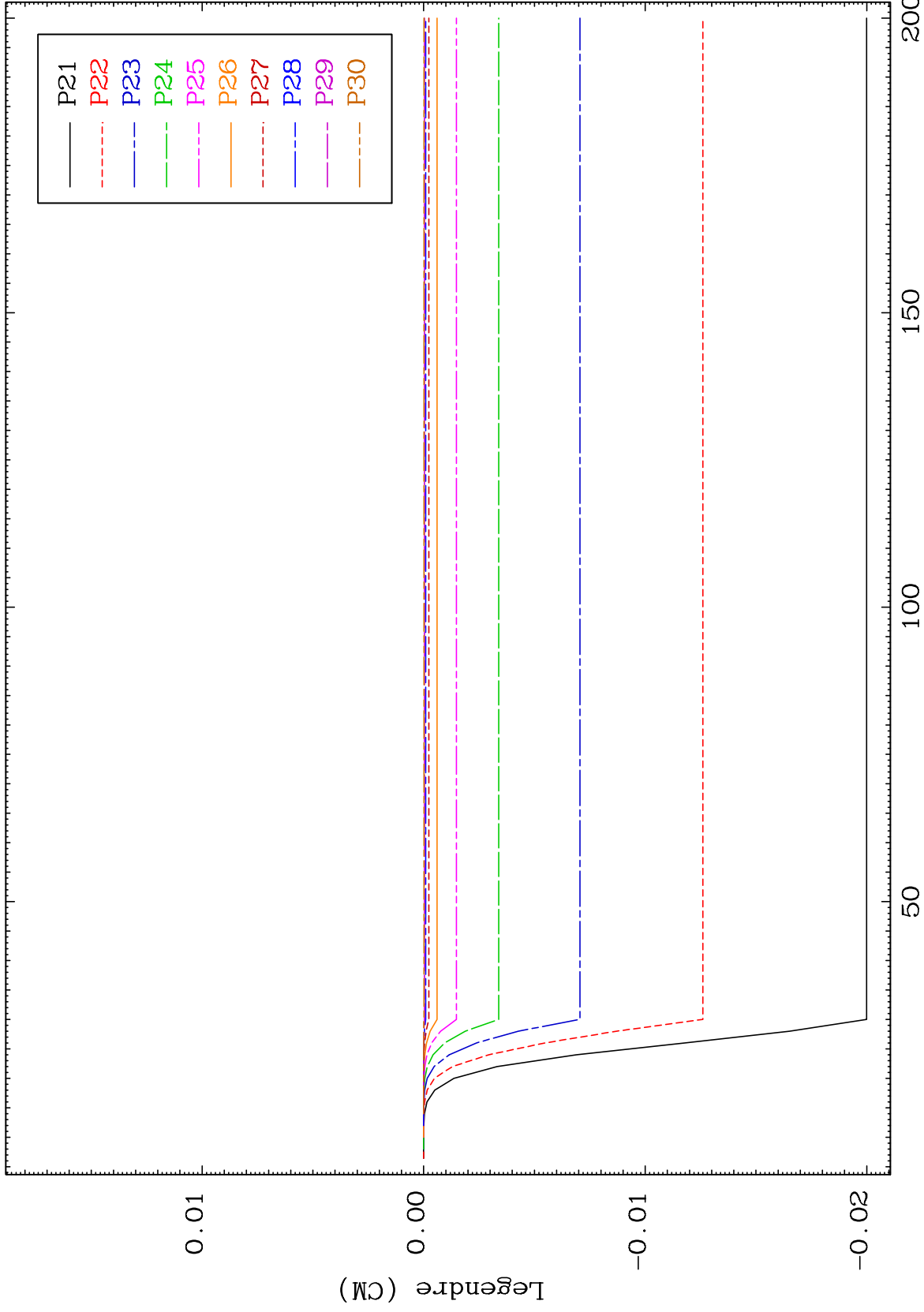




MAT 8092

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

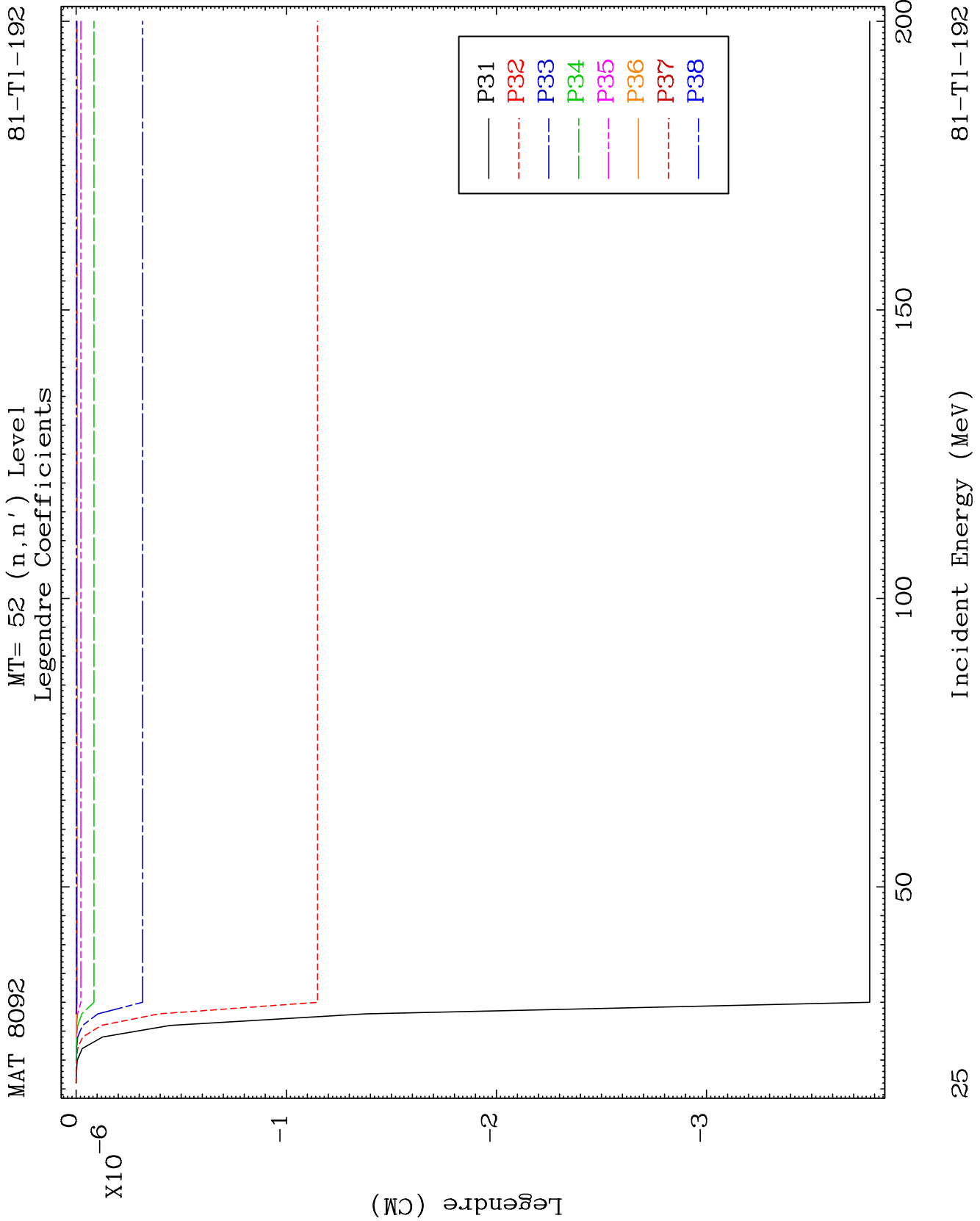
81-Tl-192



24

Incident Energy (MeV)

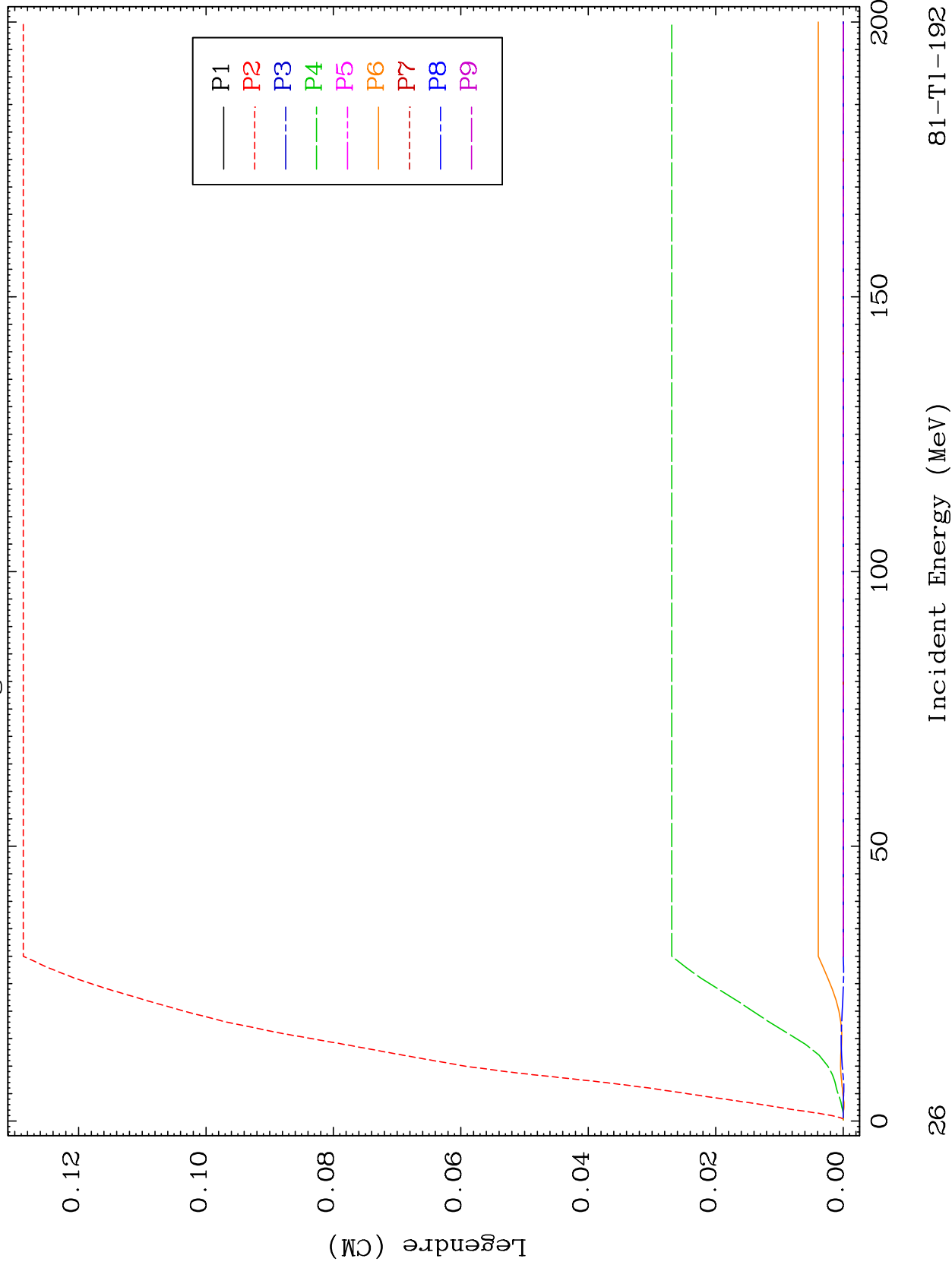
81-Tl-192



MAT 8092

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

81-Tl-192



81-Tl-192

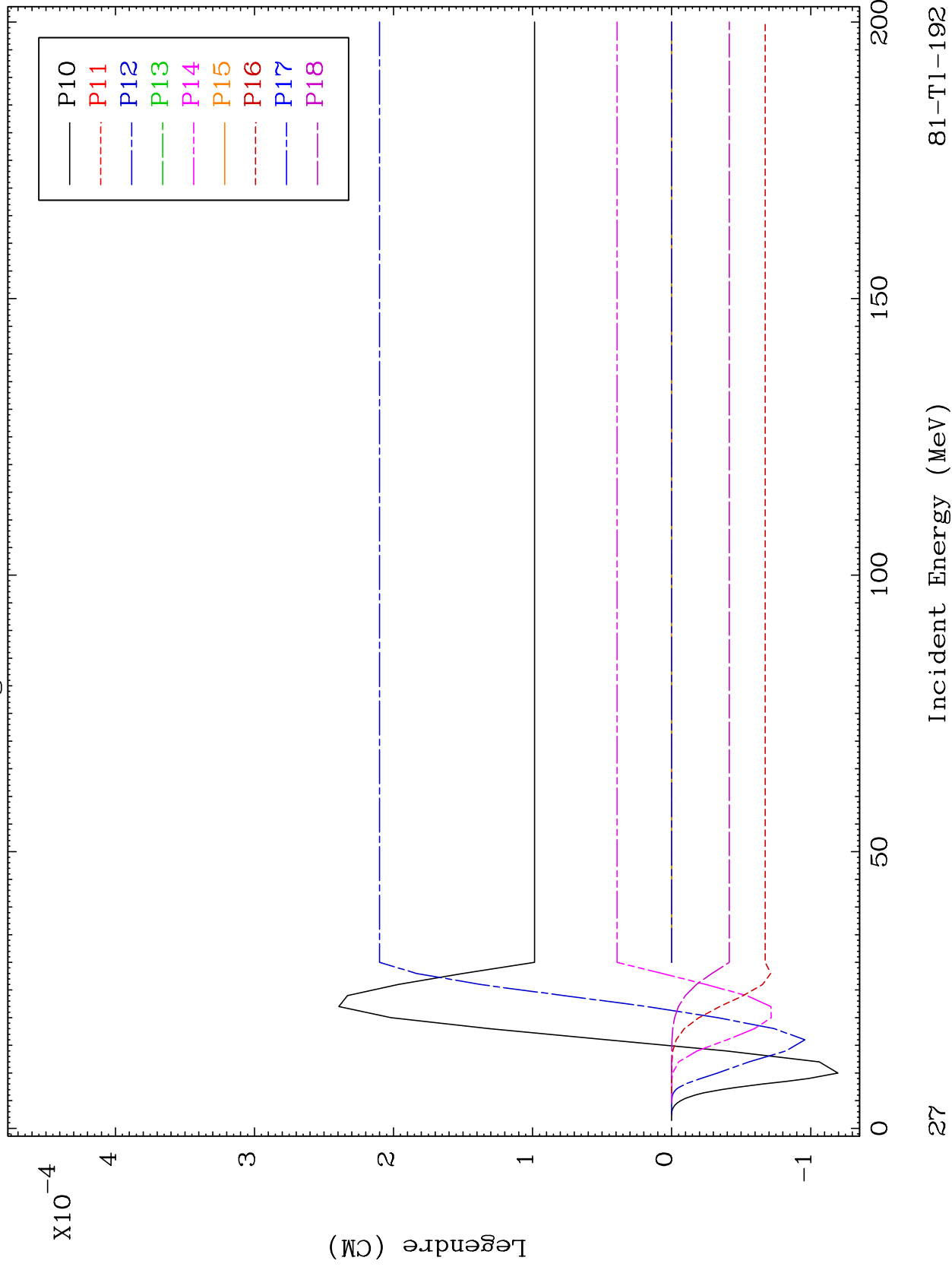
Incident Energy (MeV)

26

MAT 8092

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

81-Tl-192



27

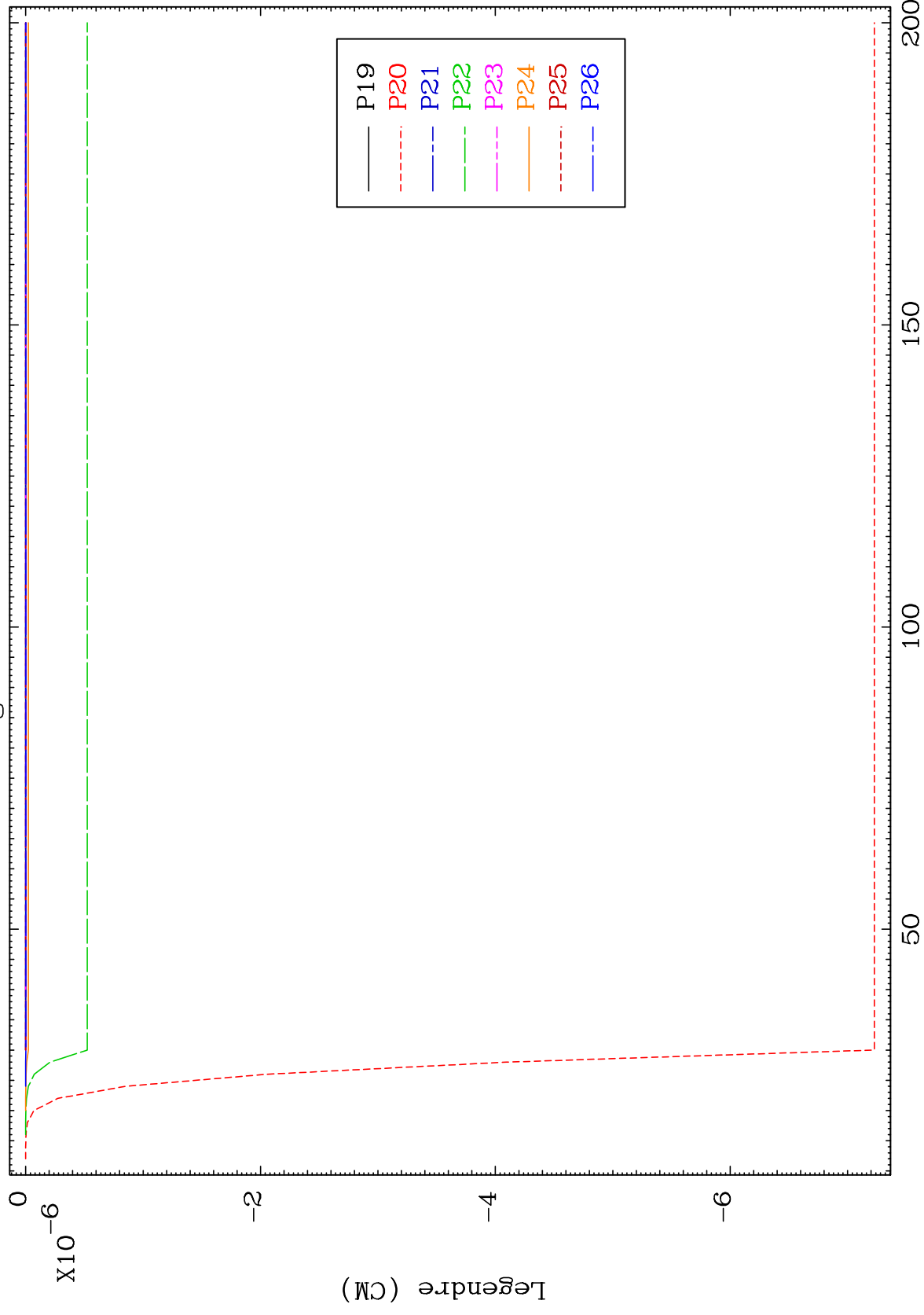
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

81-Tl-192



28

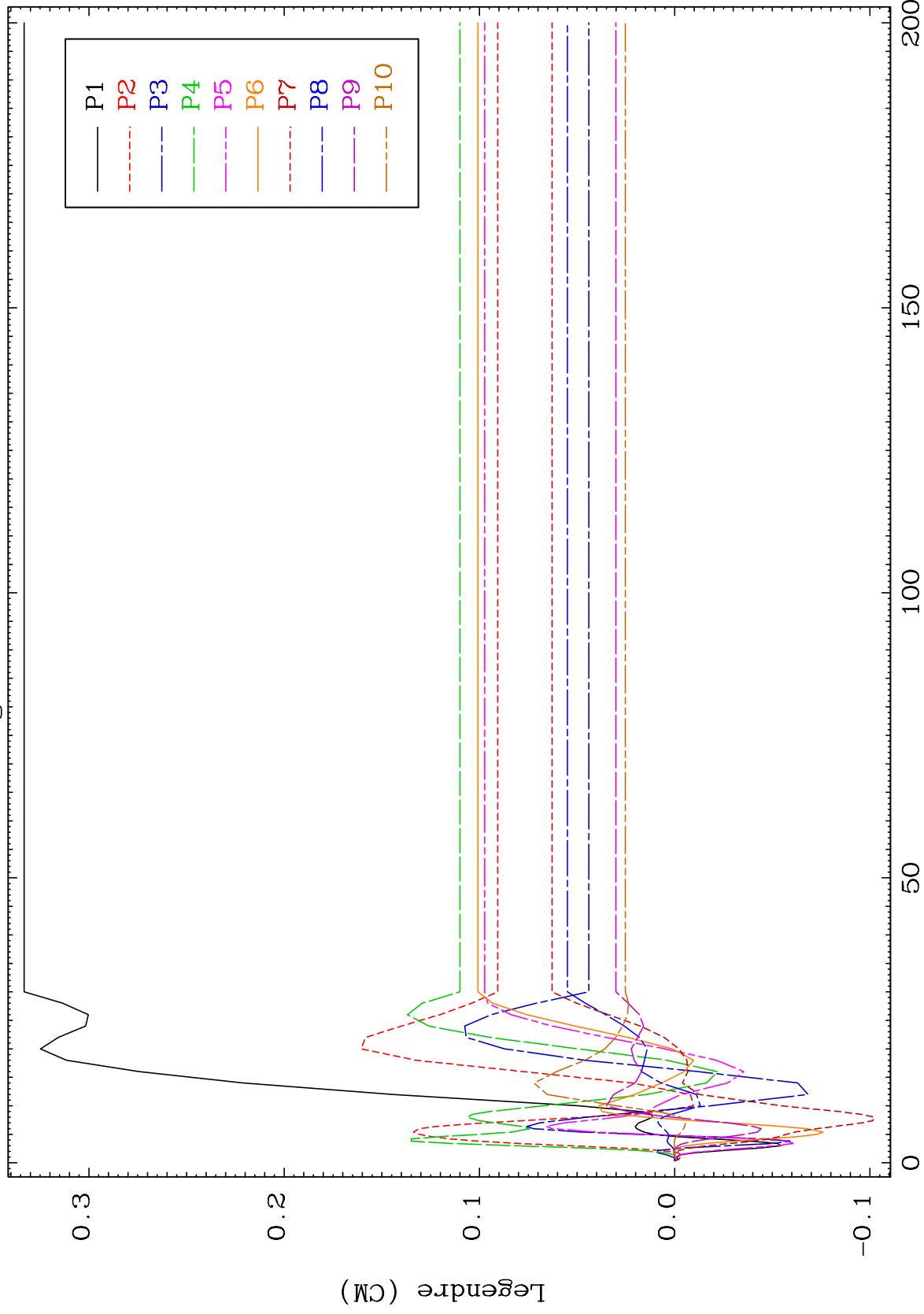
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

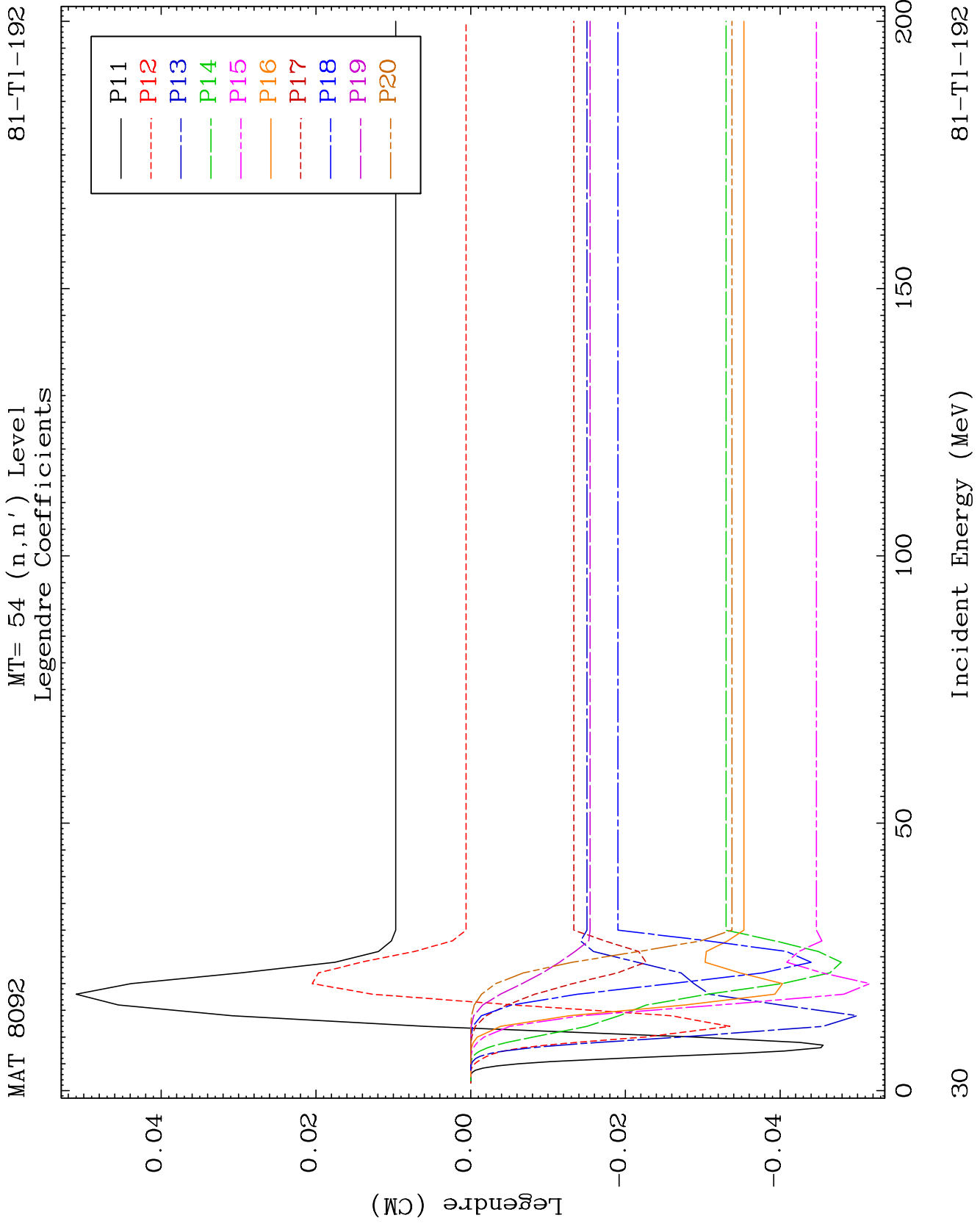
81-Tl-192



29

Incident Energy (MeV)

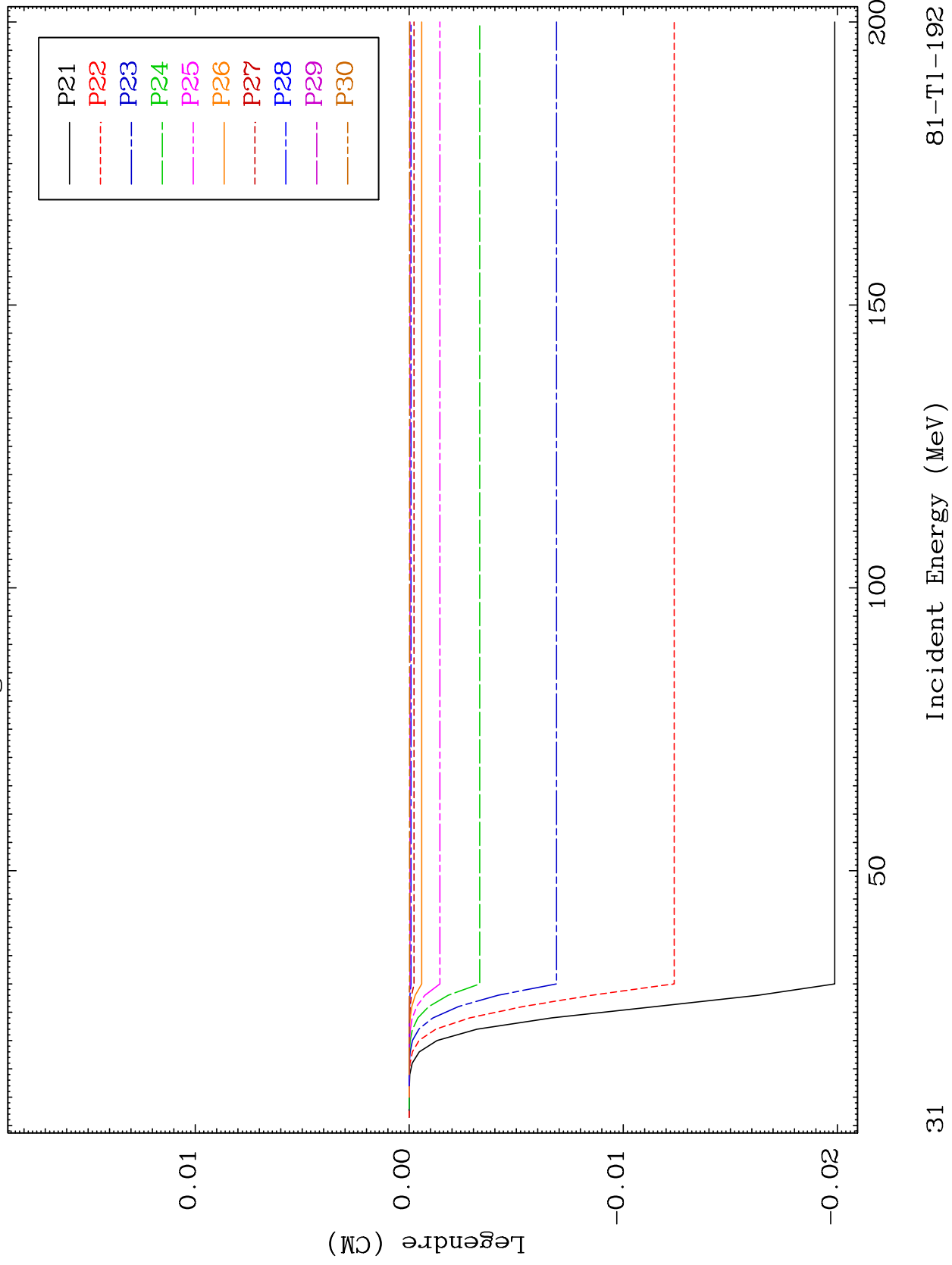
81-Tl-192



MAT 8092

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

81-T1-192



31

Incident Energy (MeV)

81-T1-192

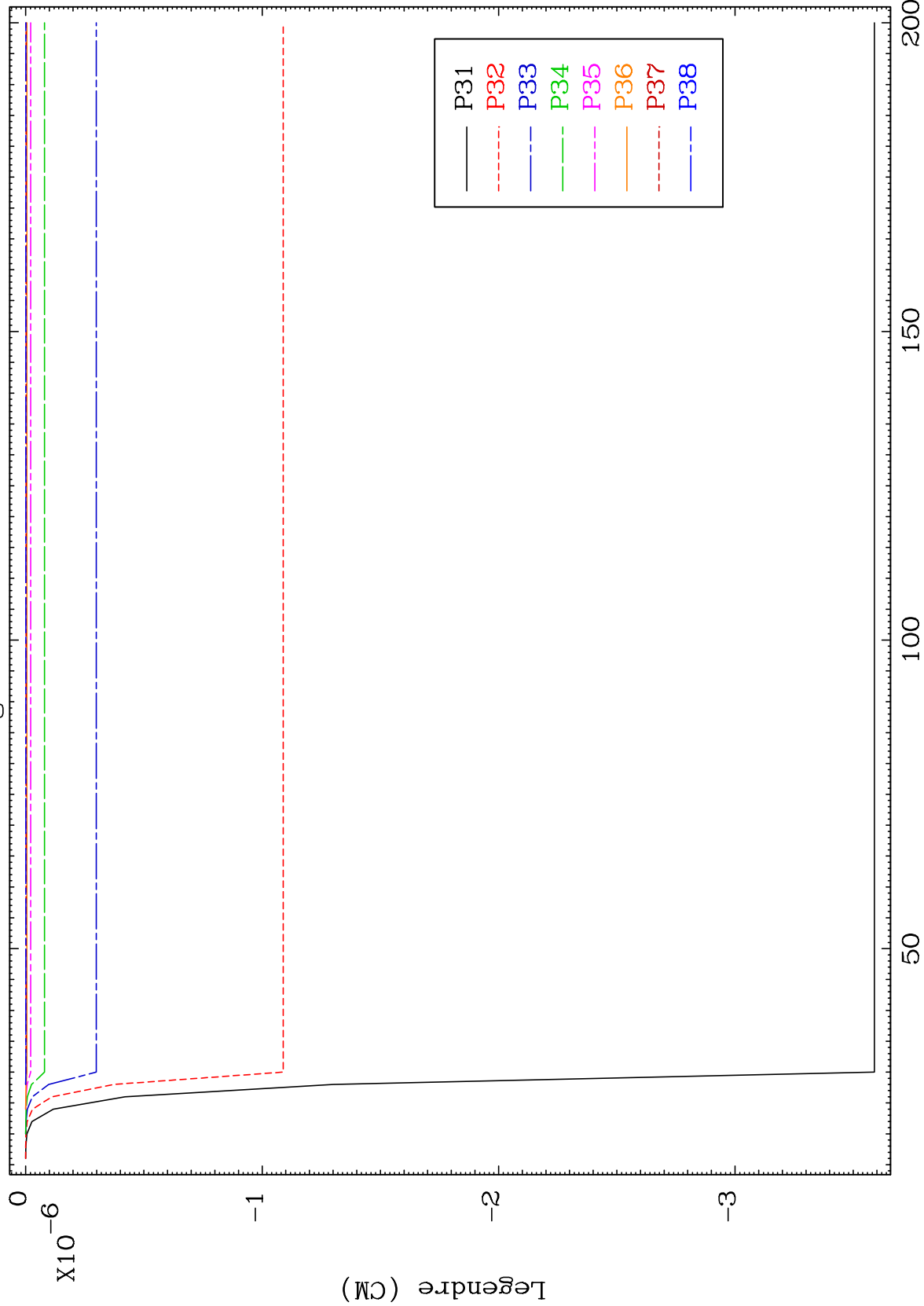


MAT 8092

MT= 54 (n,n') Level

81-Tl-192

Legendre Coefficients



32

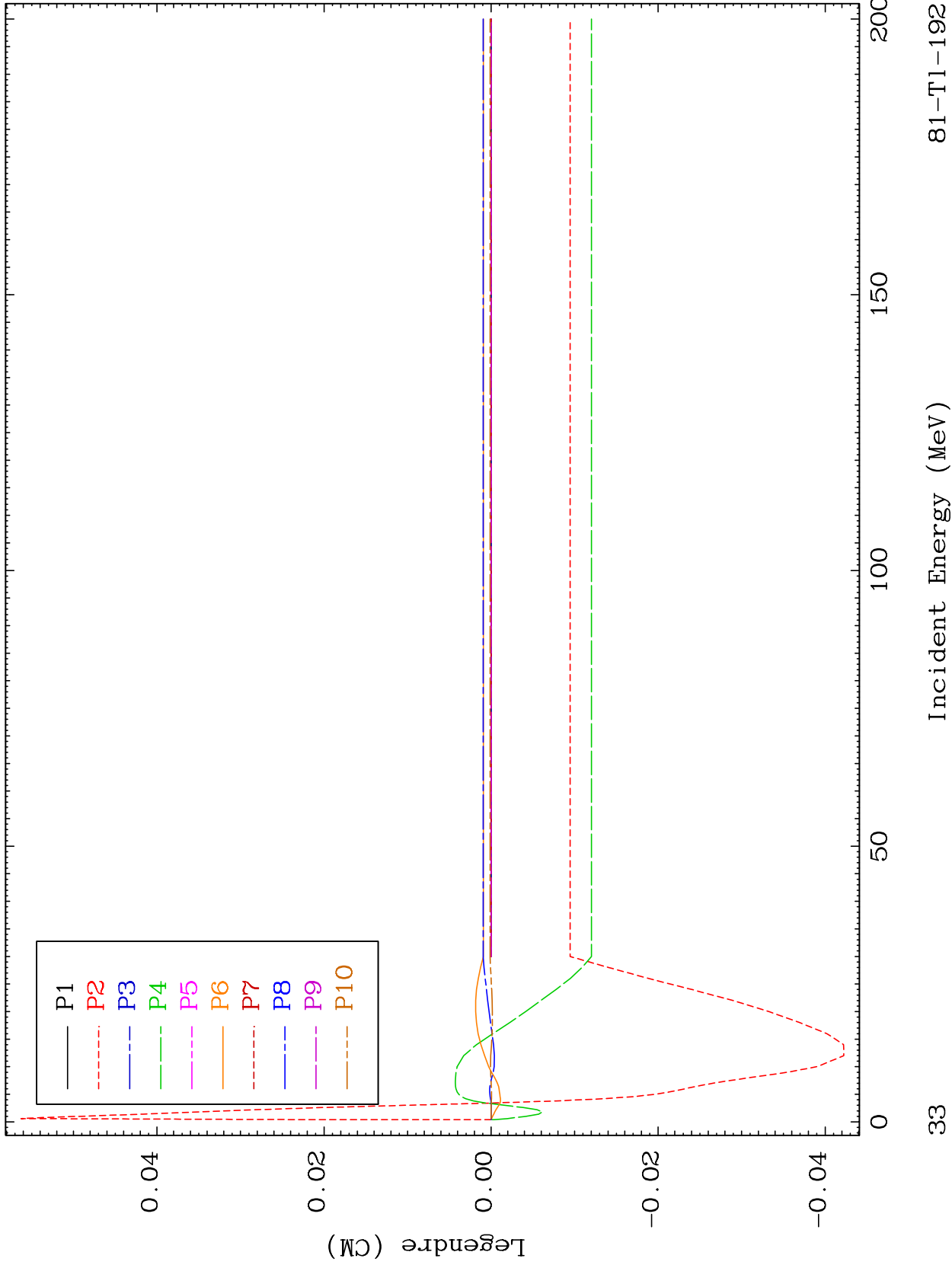
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

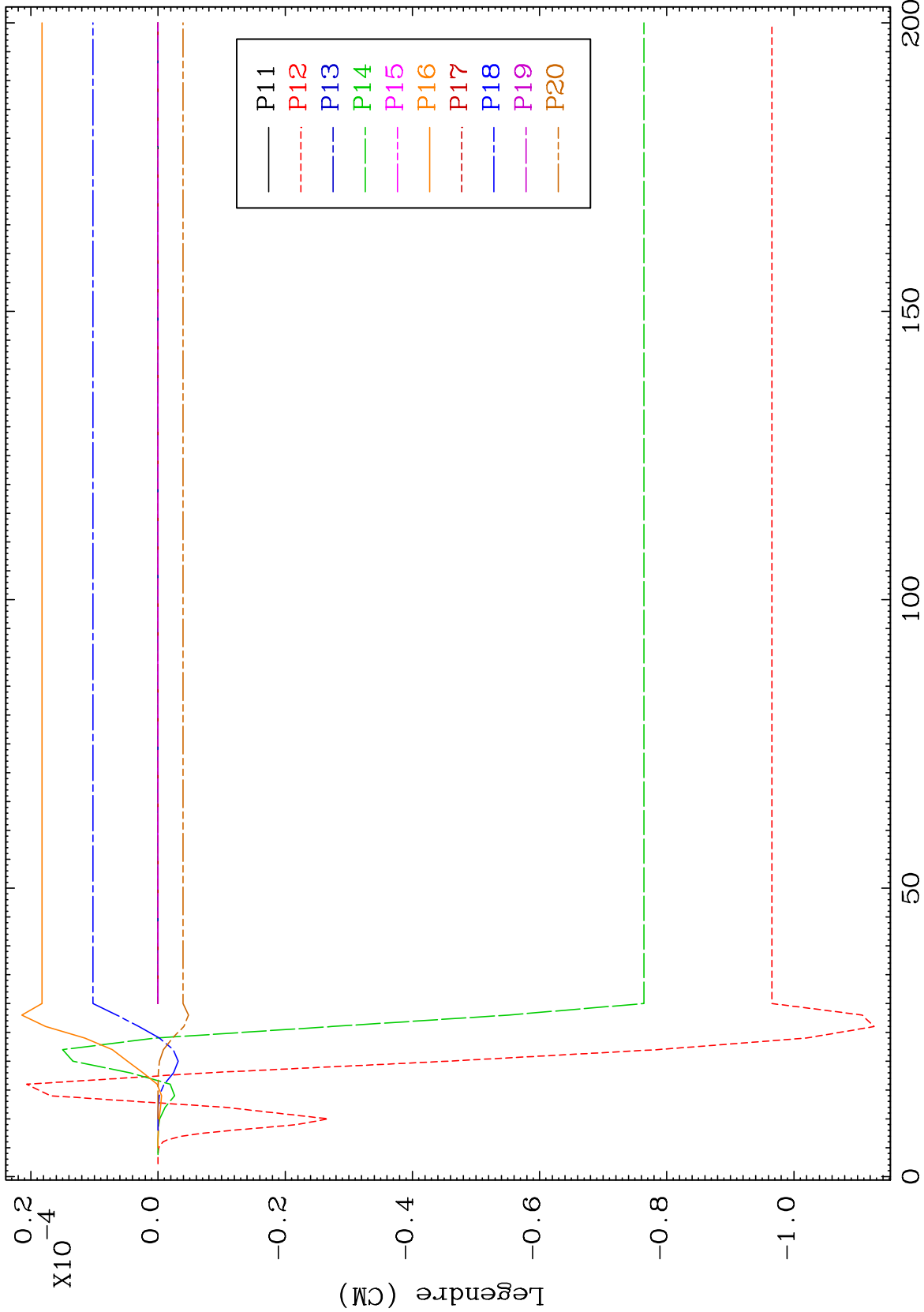
81-Tl-192



MAT 8092

81-T1-192

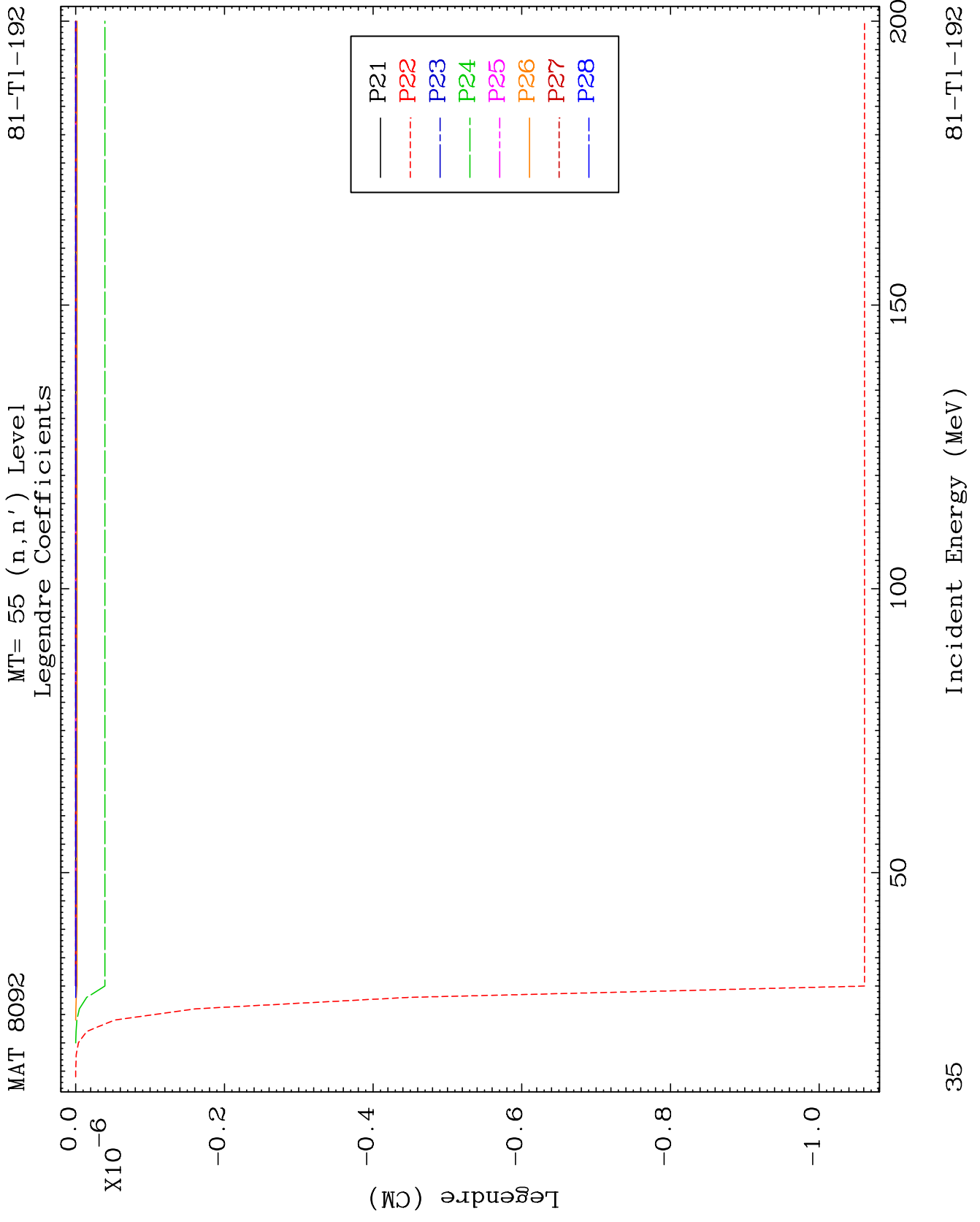
MT= 55 (n,n') Level  
Legendre Coefficients



34

Incident Energy (MeV)

81-T1-192

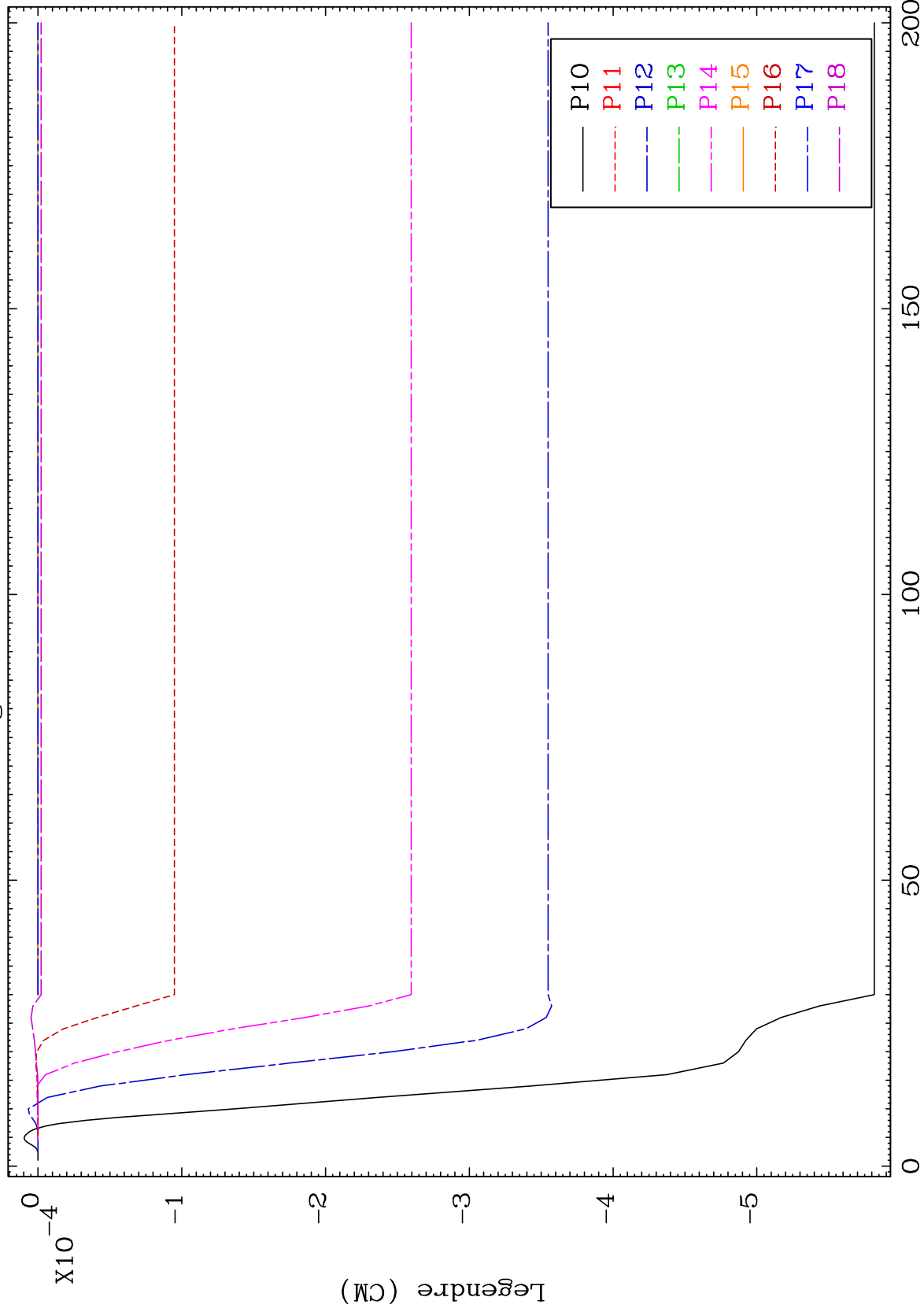




MAT 8092

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

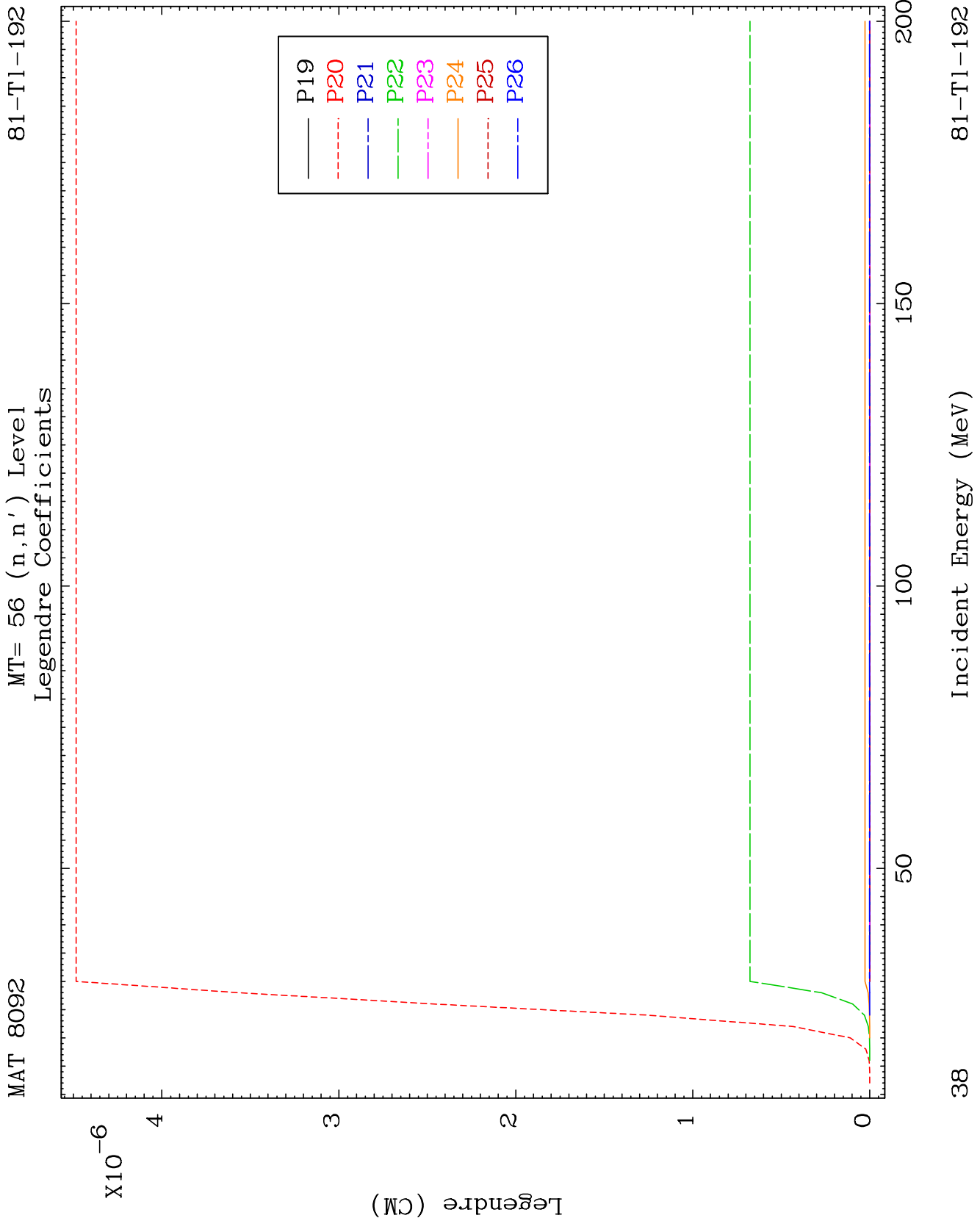
81-Tl-192



37

Incident Energy (MeV)

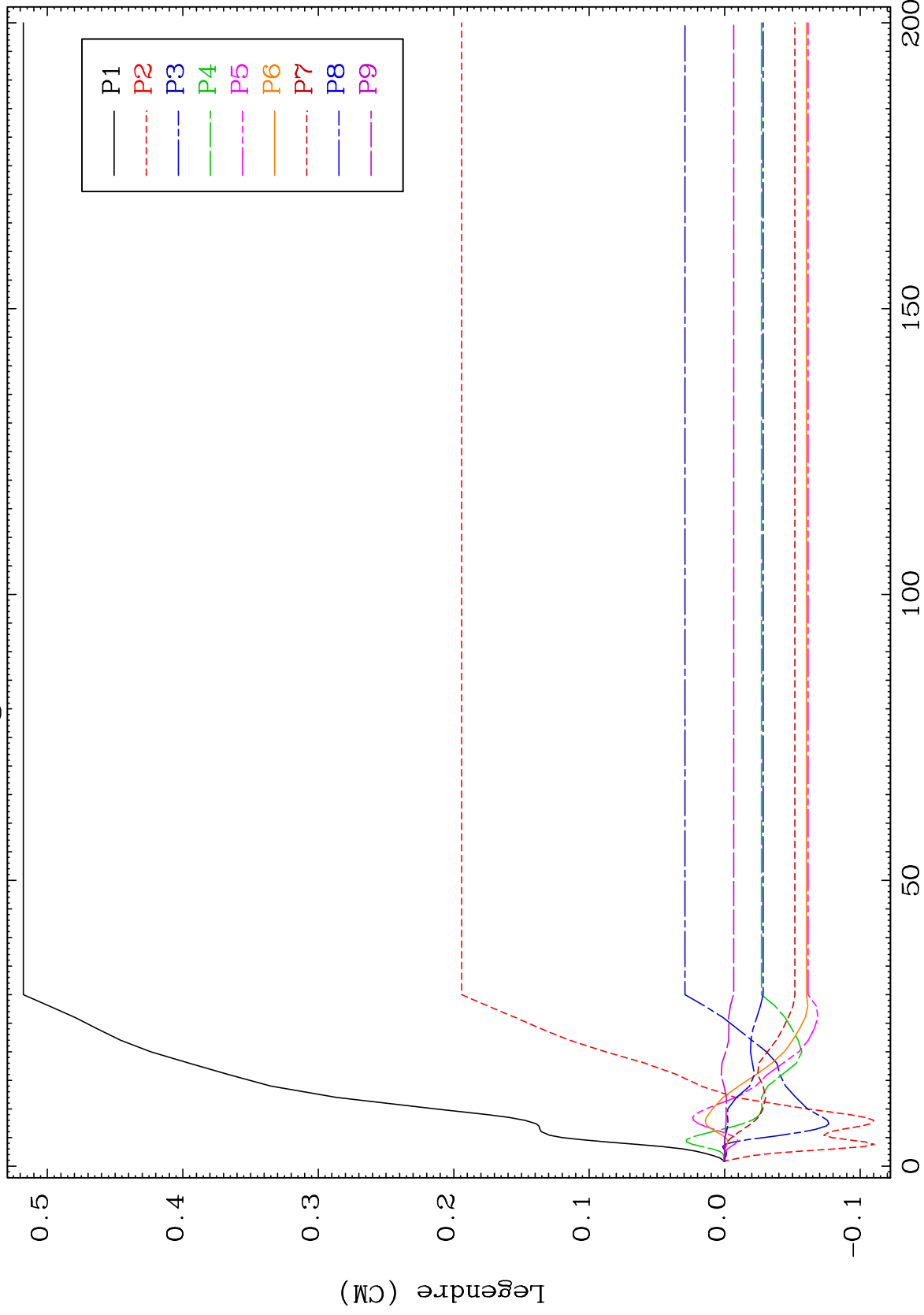
81-Tl-192



MAT 8092

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

81-Tl-192



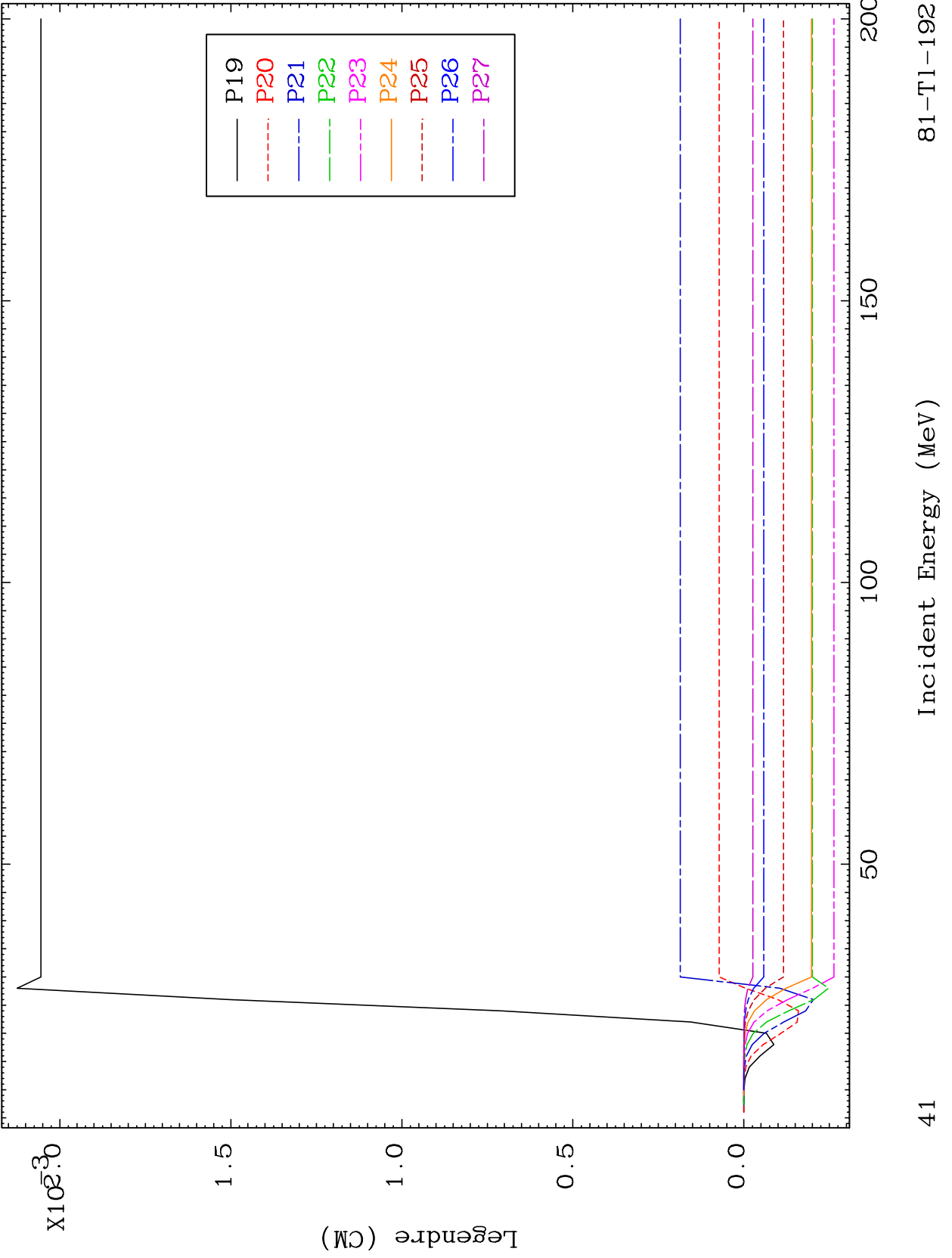
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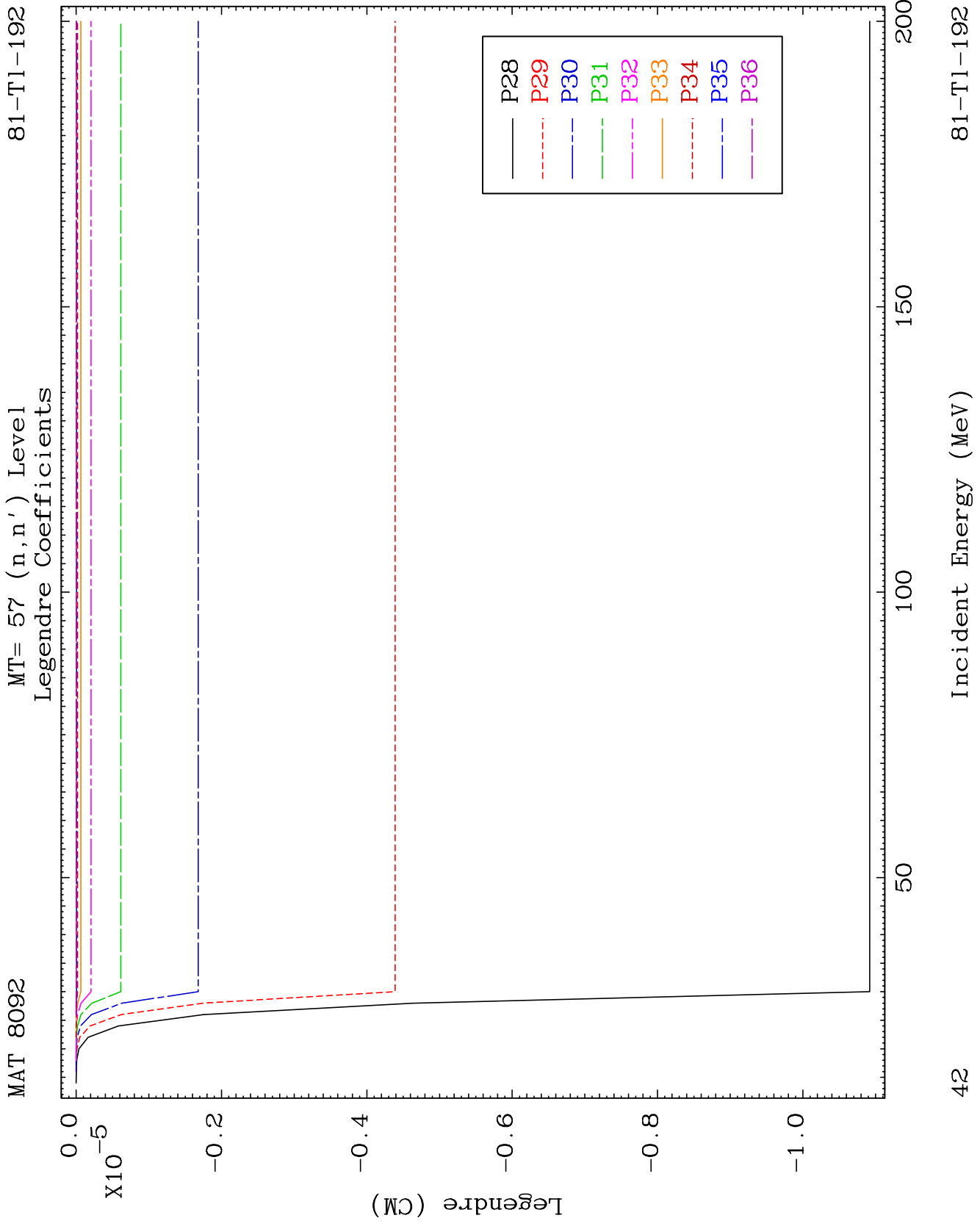
Incident Energy (MeV)

81-Tl-192





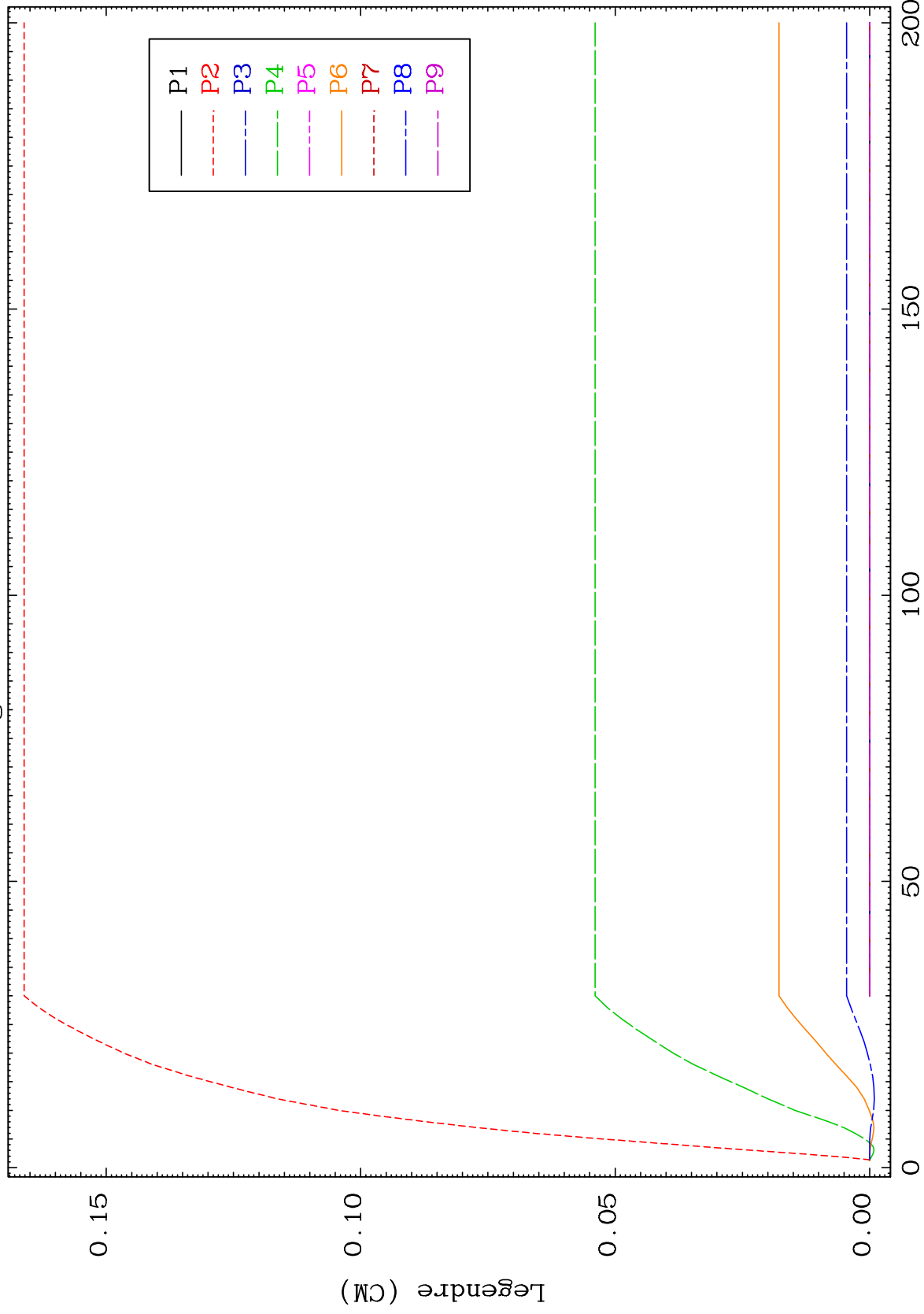




MAT 8092

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

81-T1-192



43

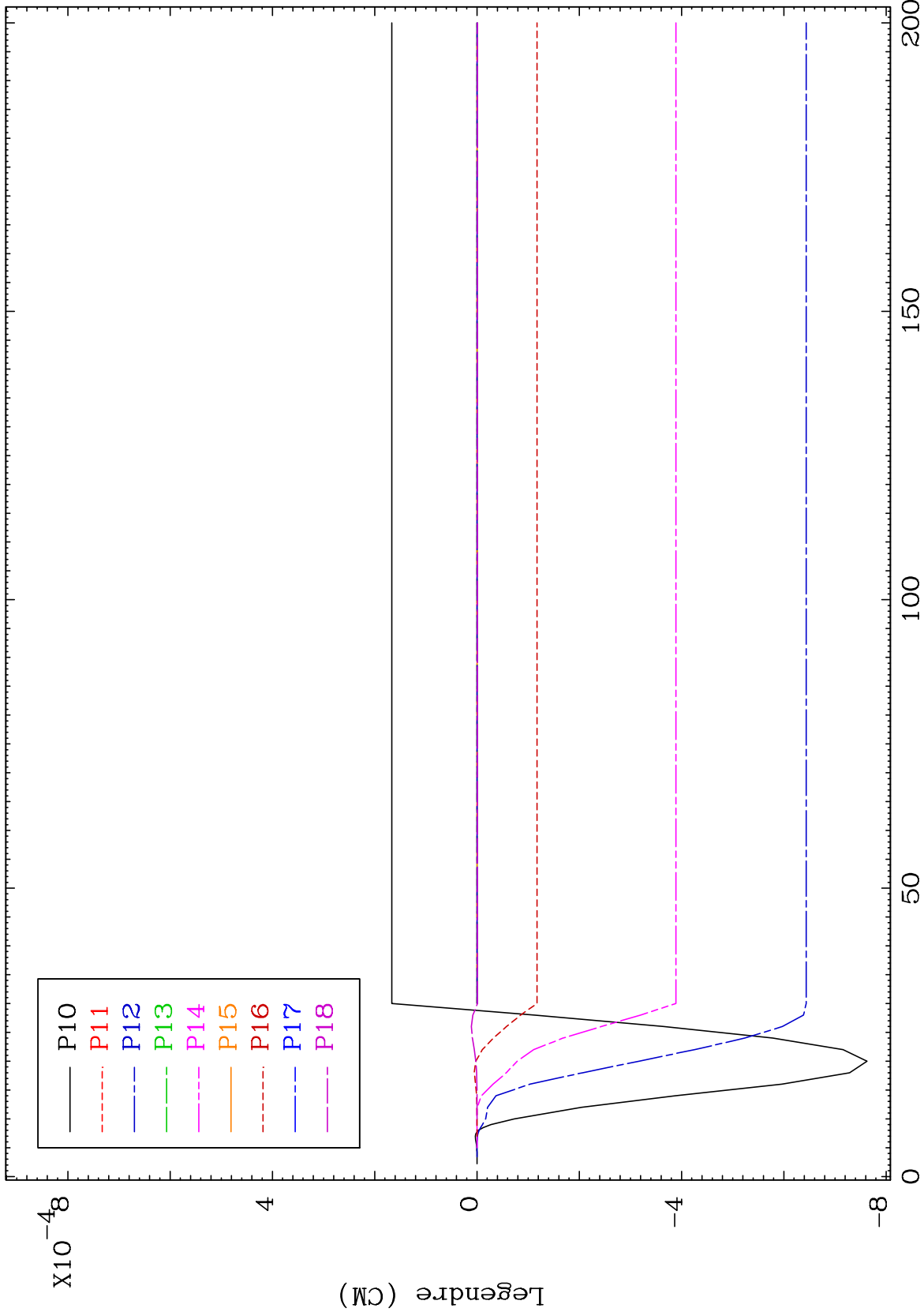
Incident Energy (MeV)

81-T1-192

MAT 8092

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

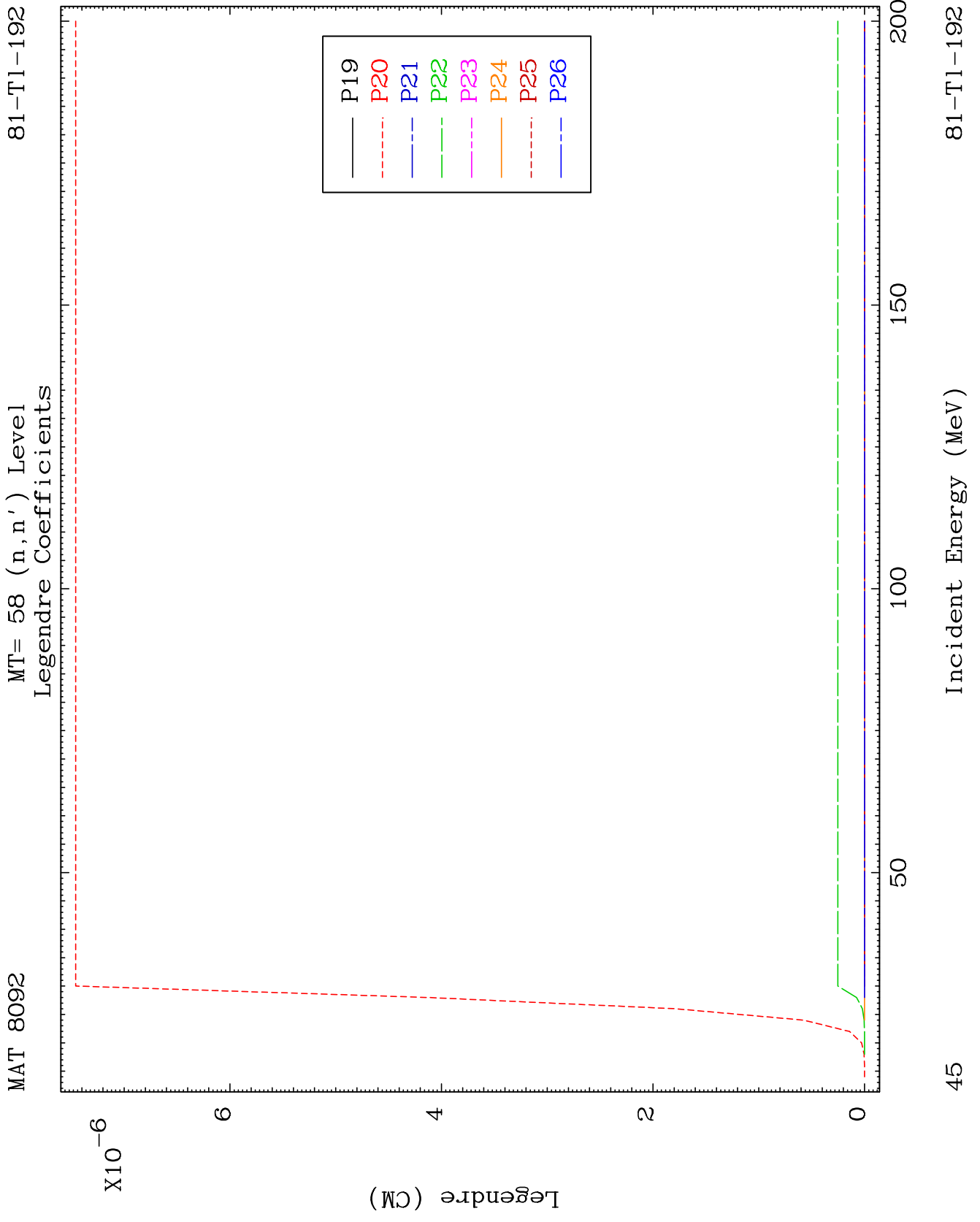
81-T1-192



44

Incident Energy (MeV)

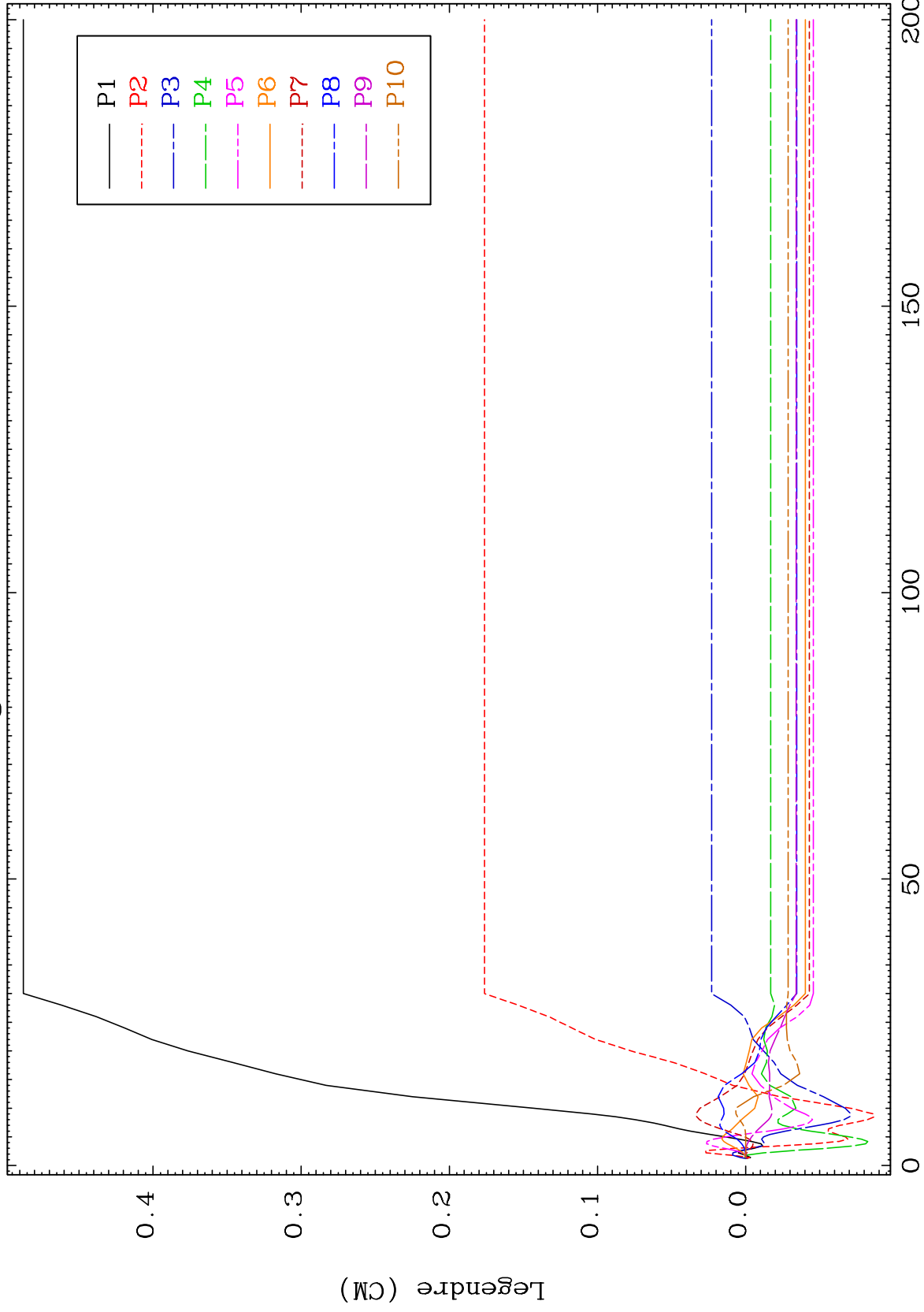
81-T1-192



MAT 8092

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

81-Tl-192



46

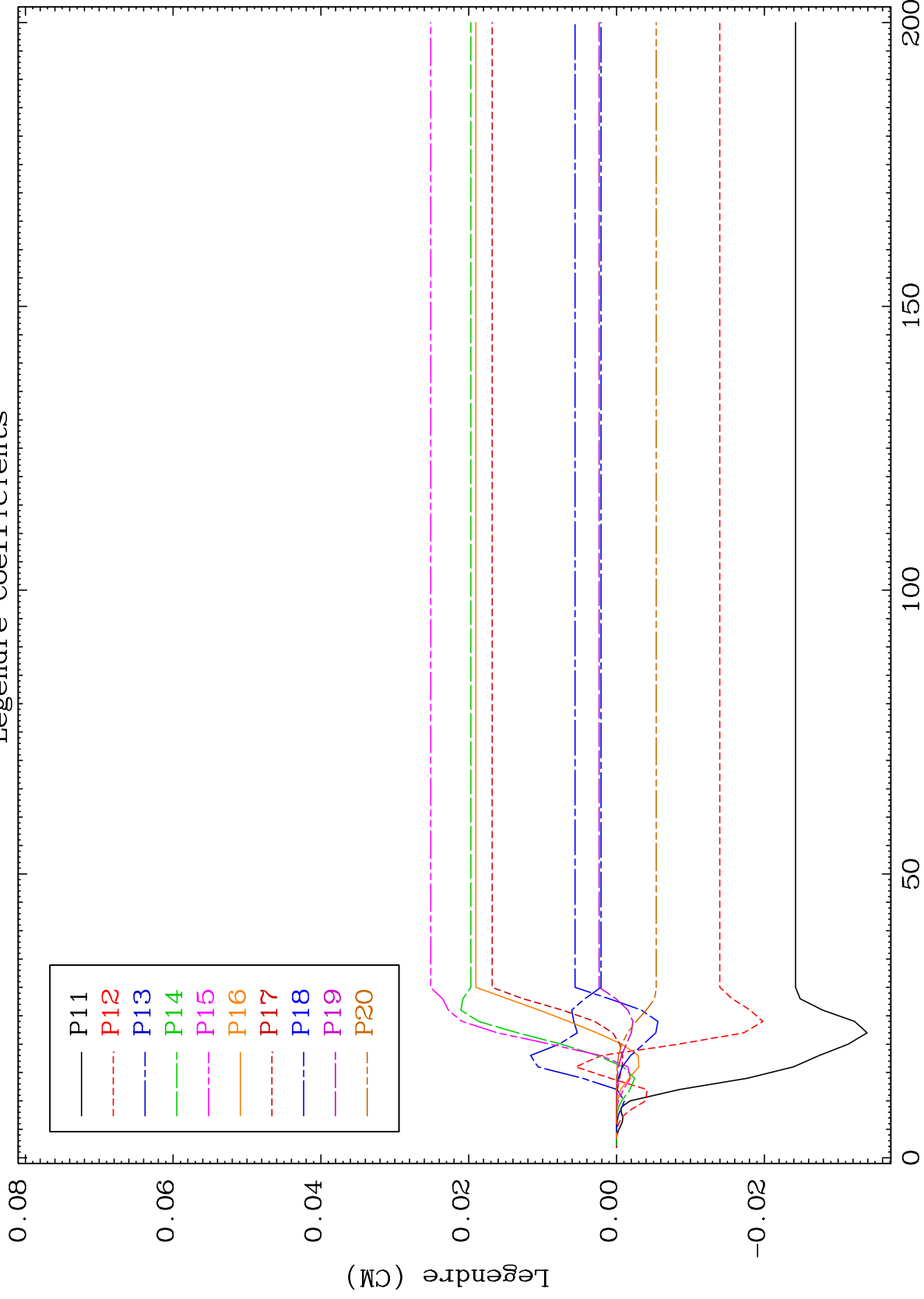
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

81-T1-192



47

Incident Energy (MeV)

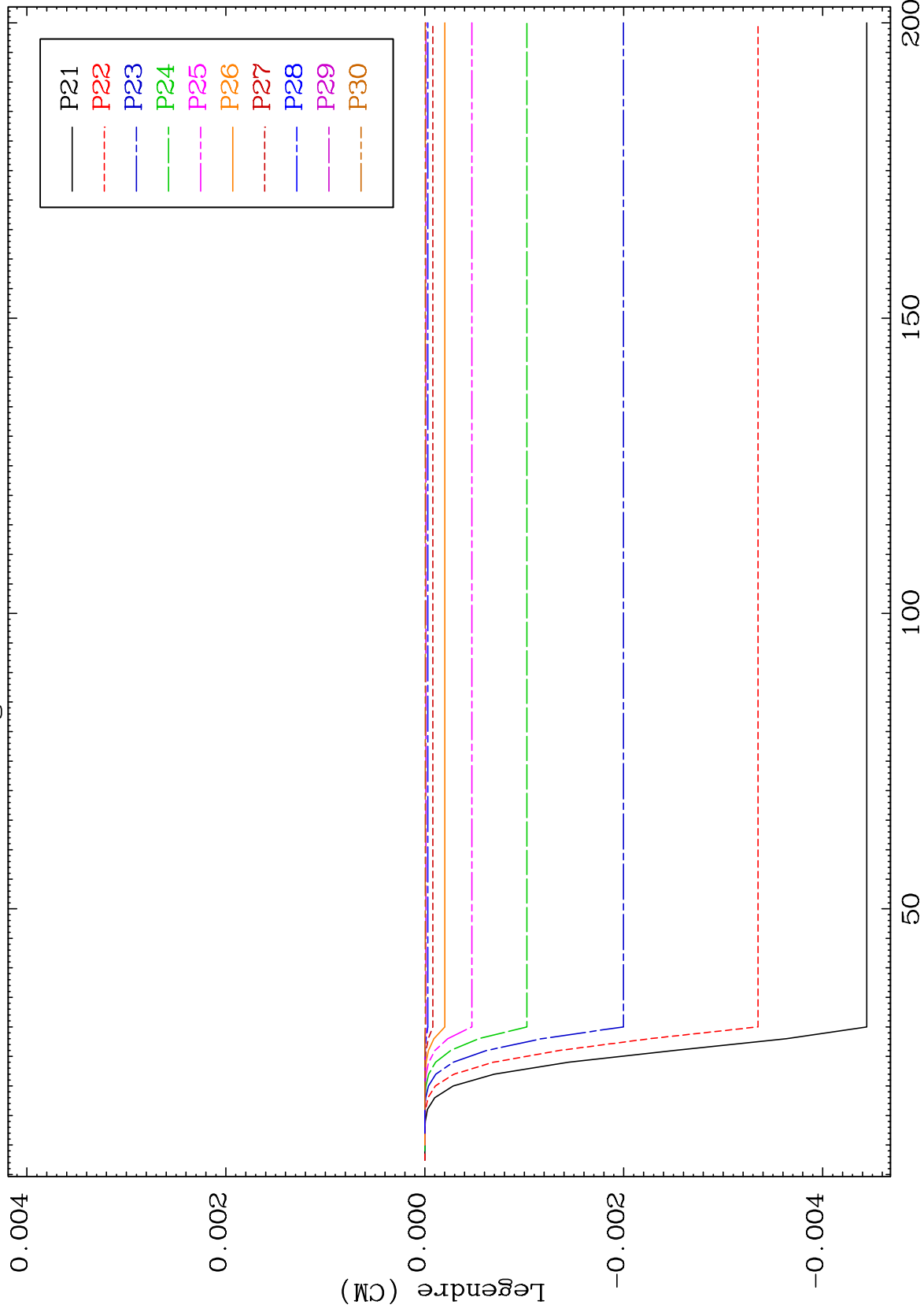
81-T1-192



MAT 8092

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

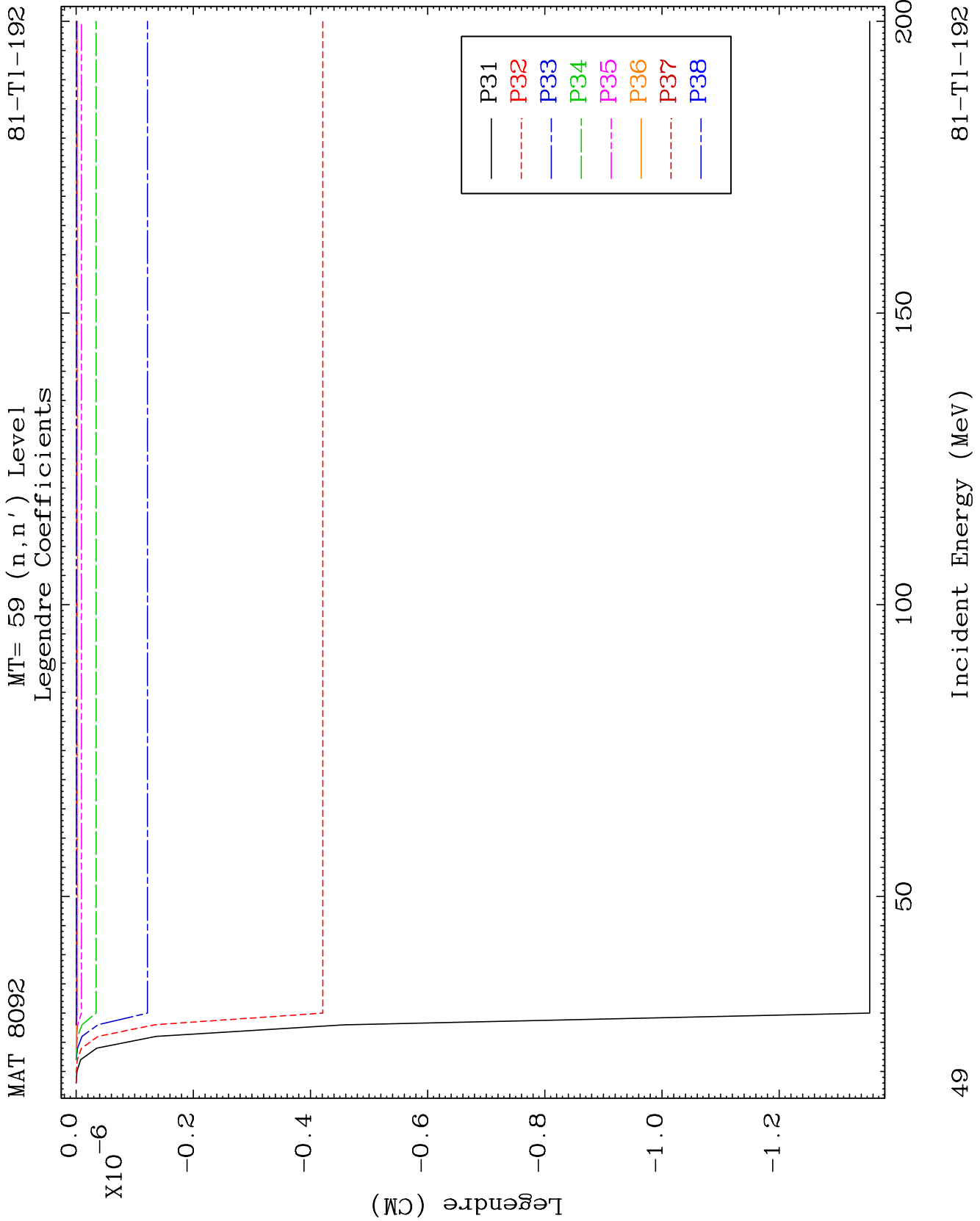
81-T1-192

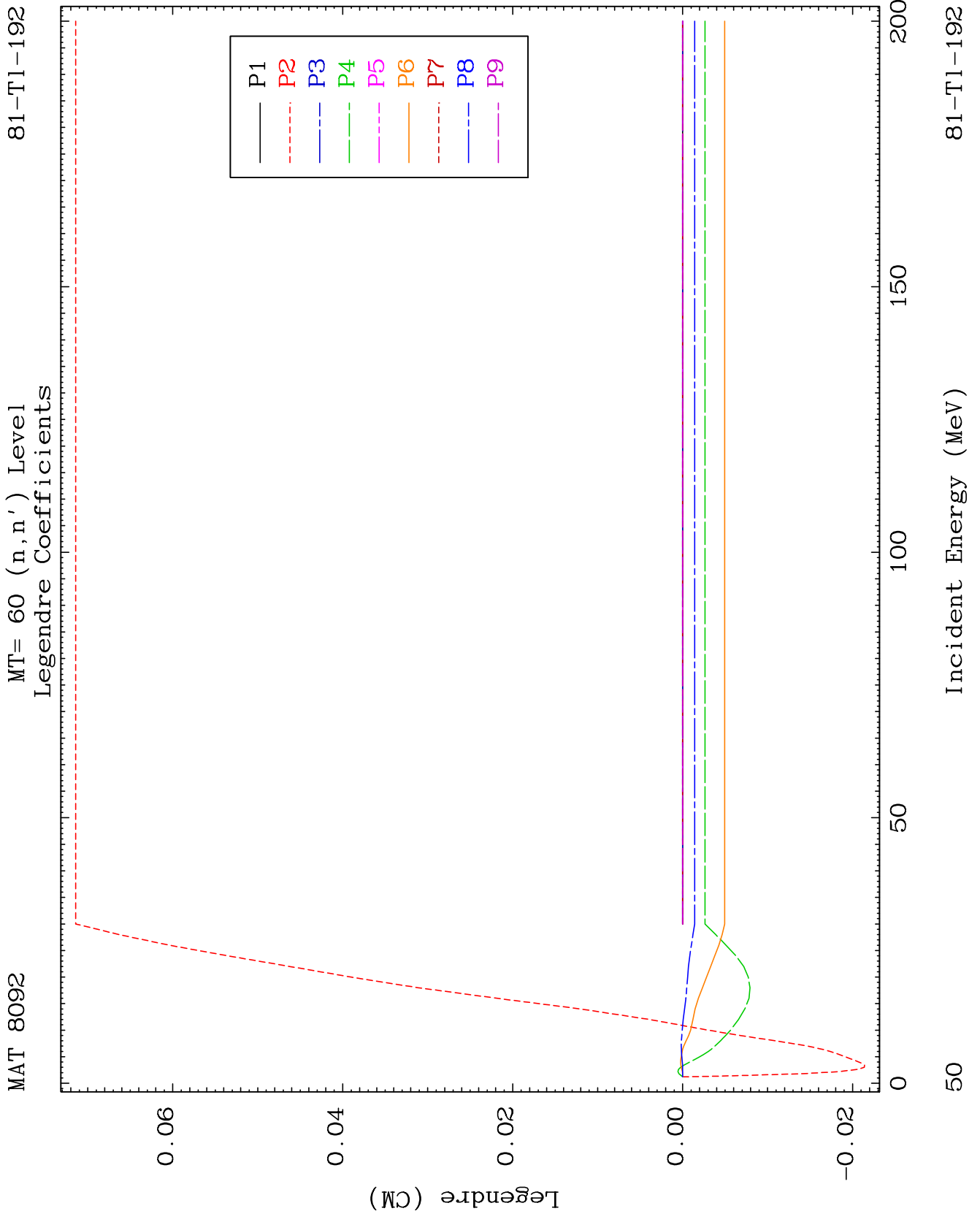


48

Incident Energy (MeV)

81-T1-192

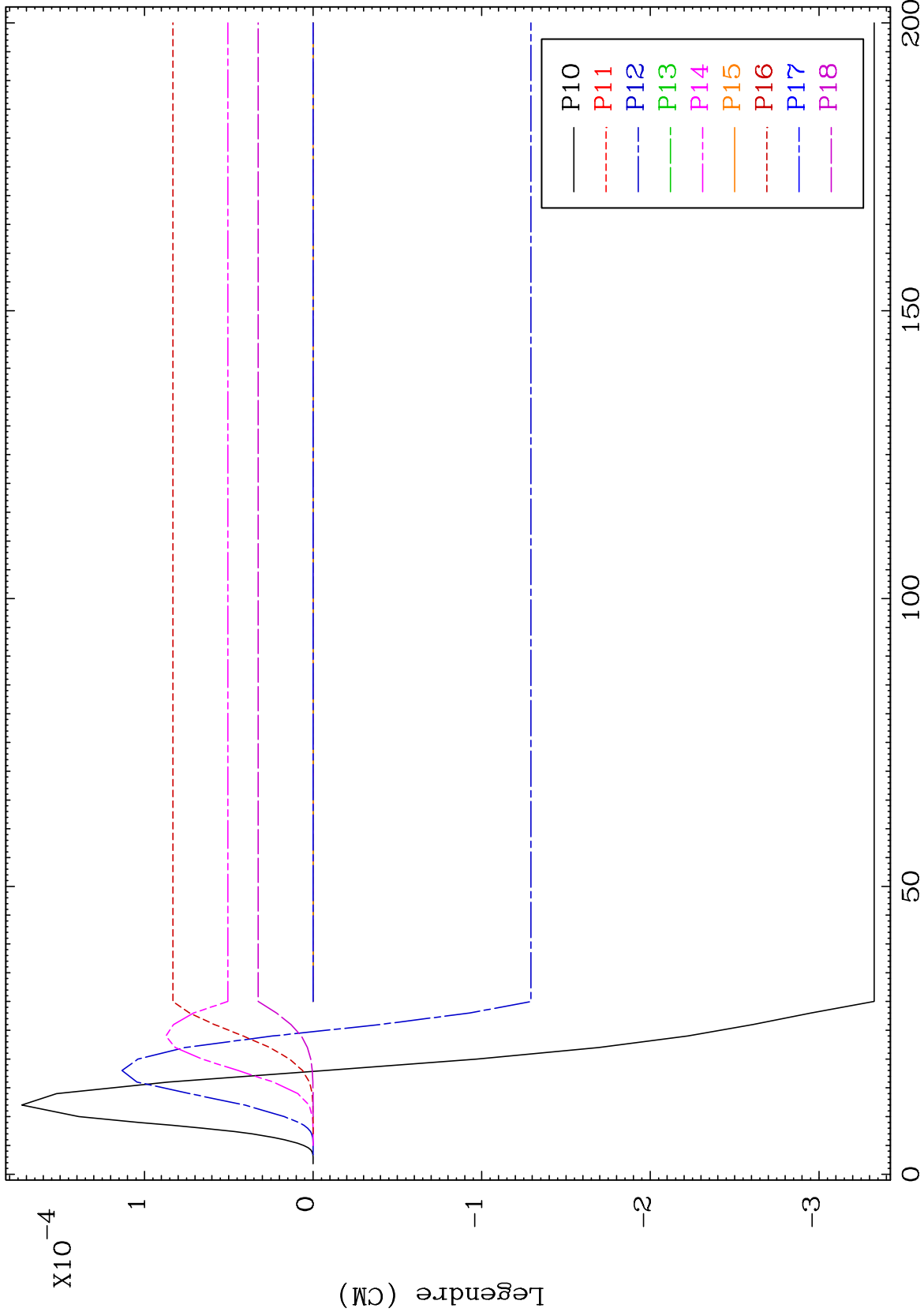




MAT 8092

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

81-Tl-192

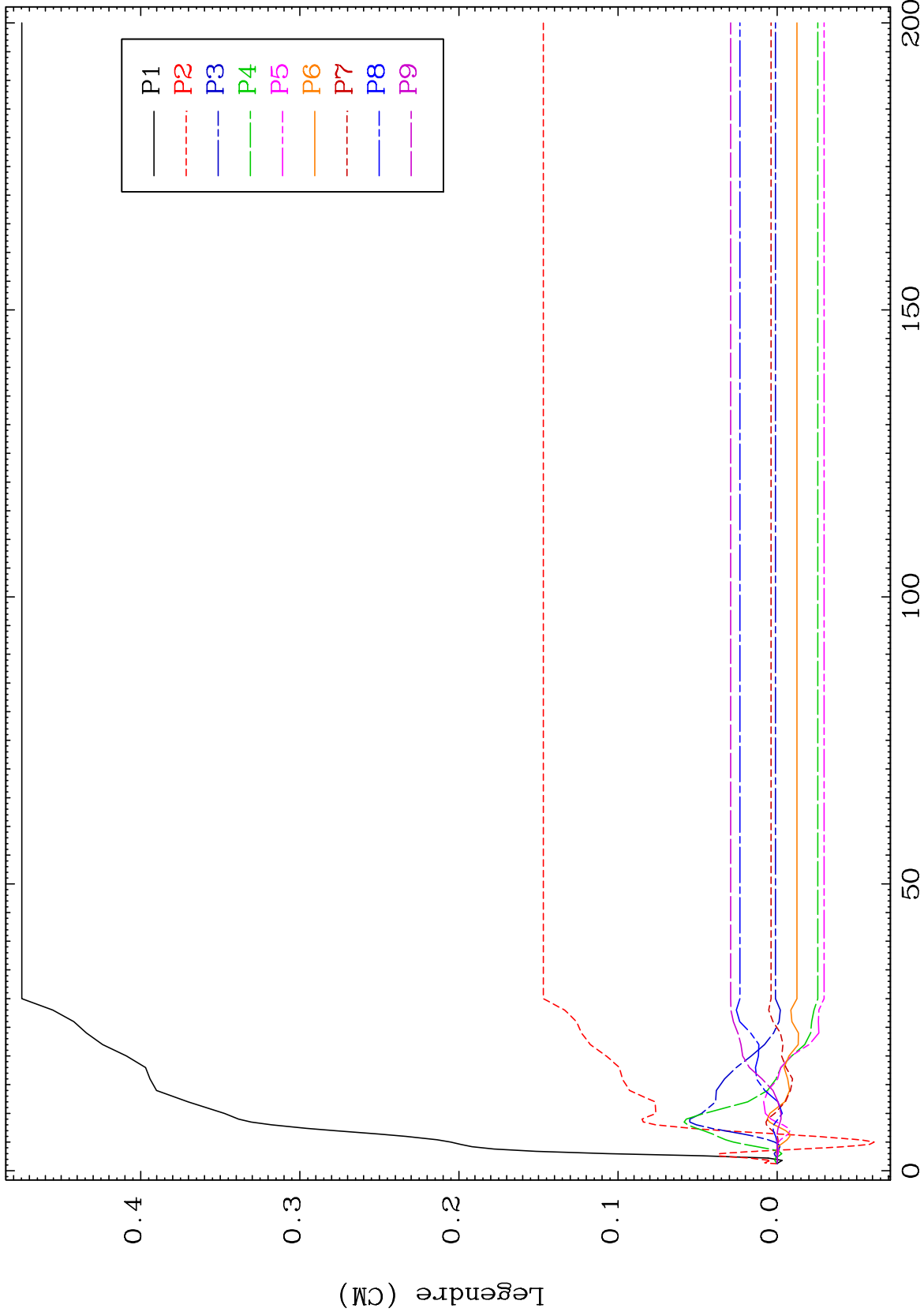


51

Incident Energy (MeV)

81-Tl-192

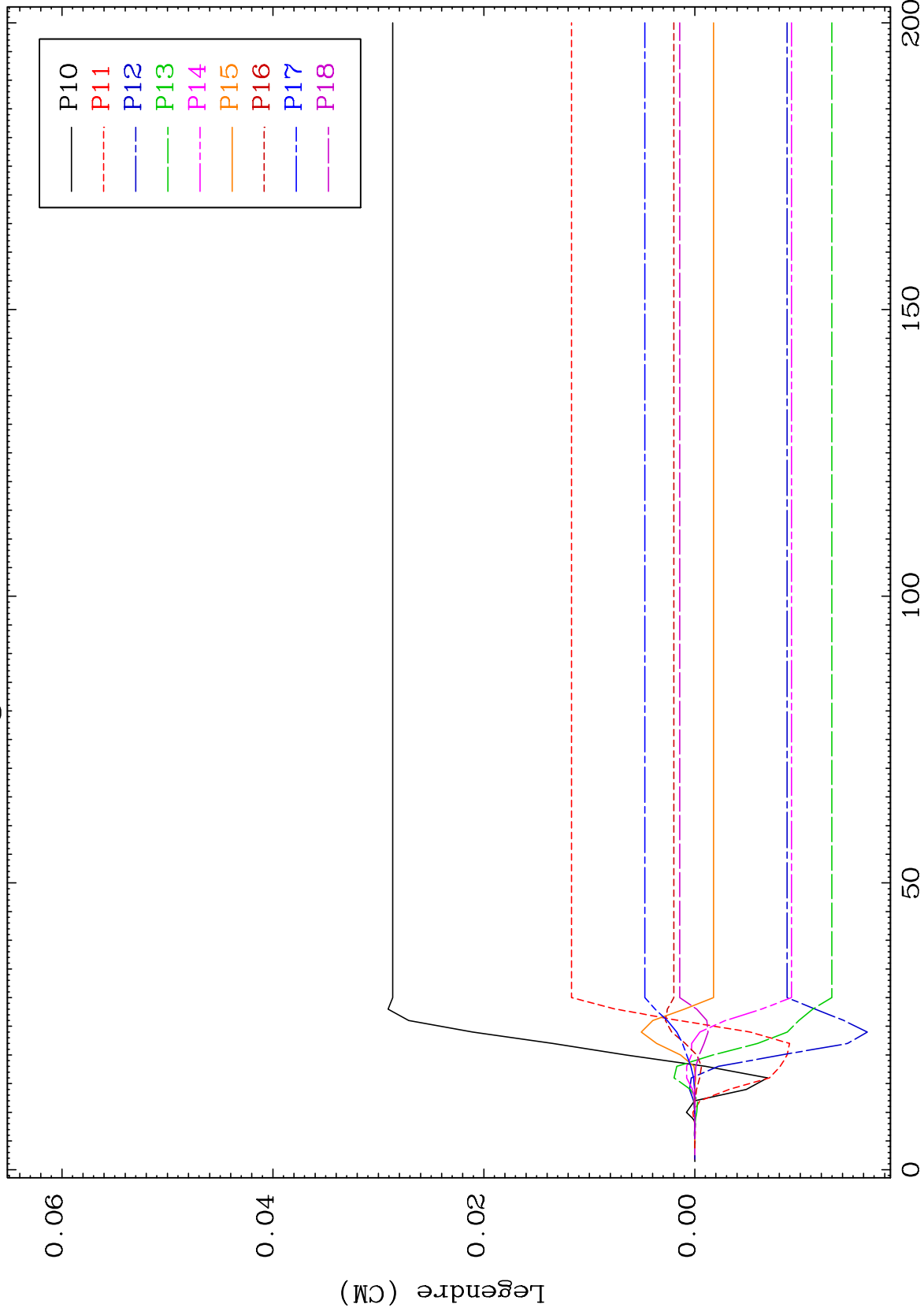




MAT 8092

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

81-Tl-192



54

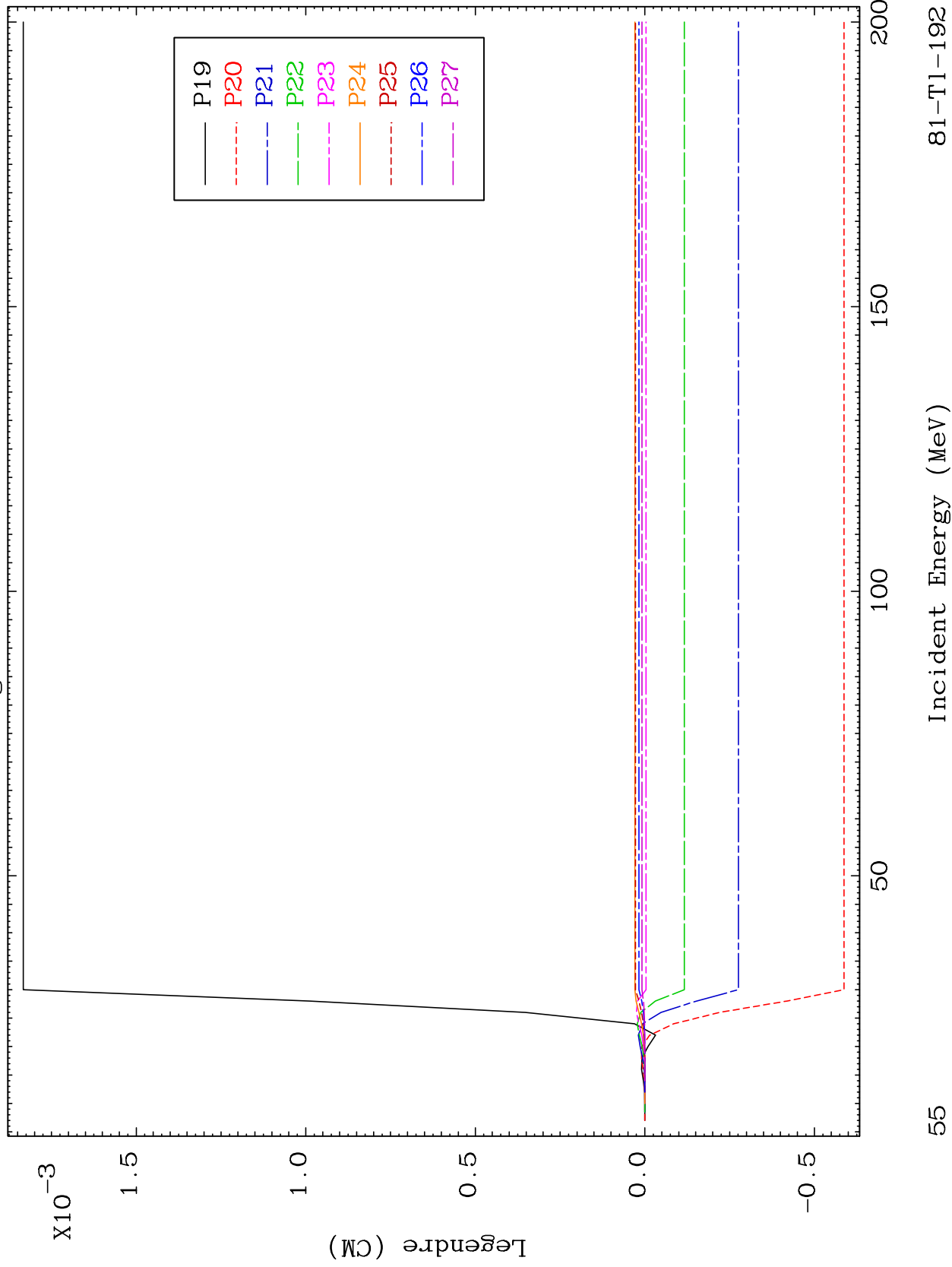
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

81-Tl-192



55

Incident Energy (MeV)

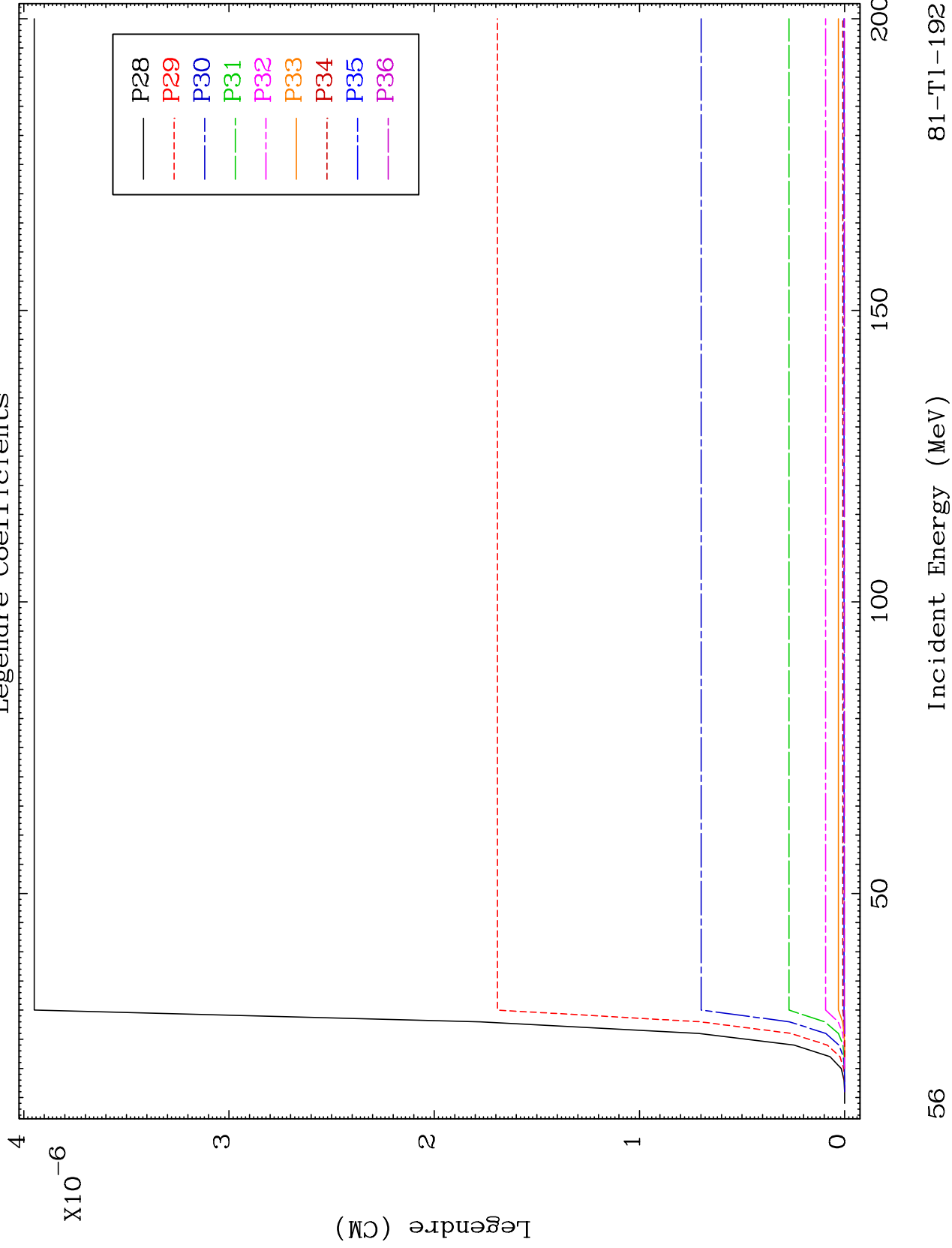
81-Tl-192



MAT 8092

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

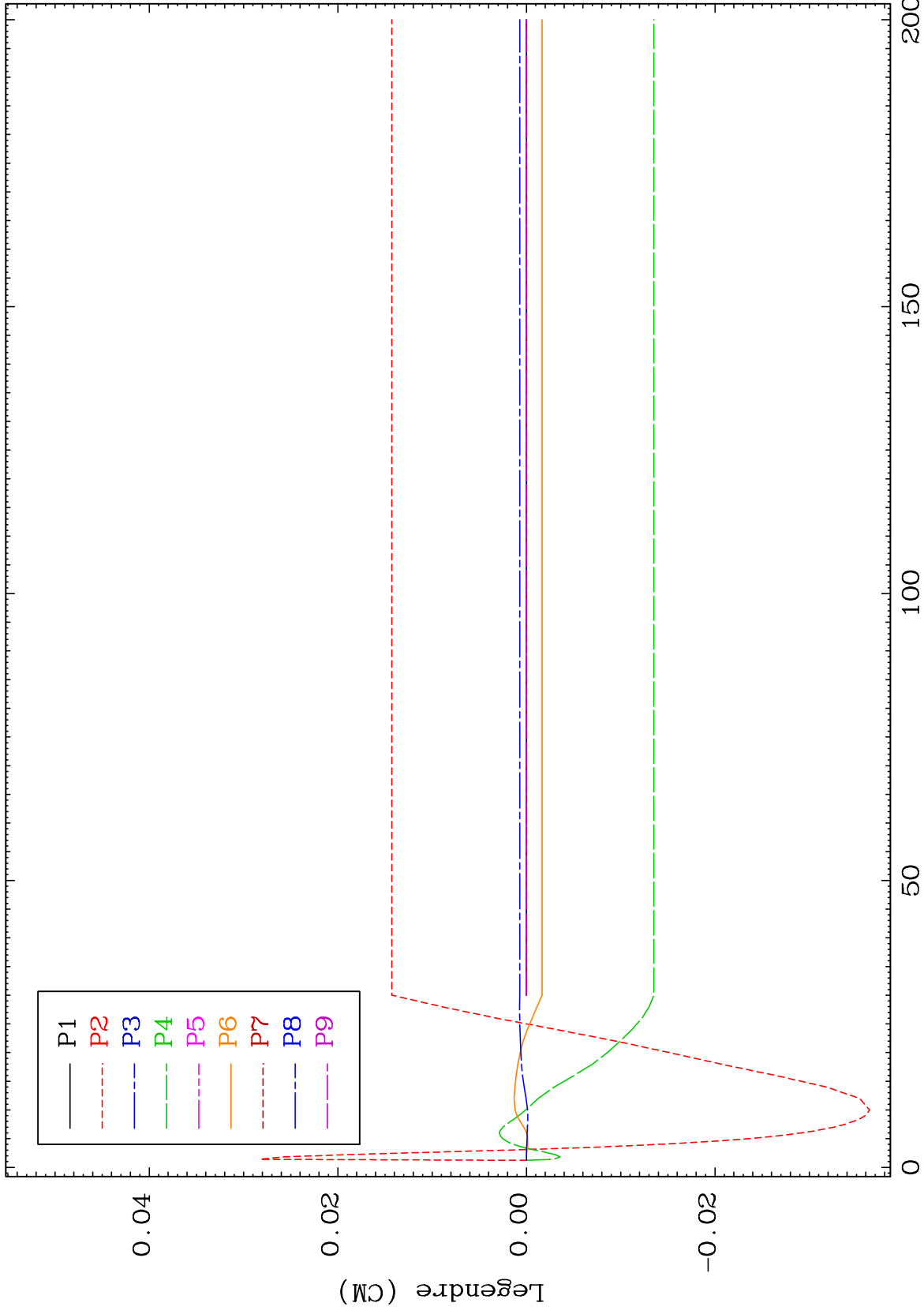
81-T1-192



MAT 8092

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

81-Tl-192



57

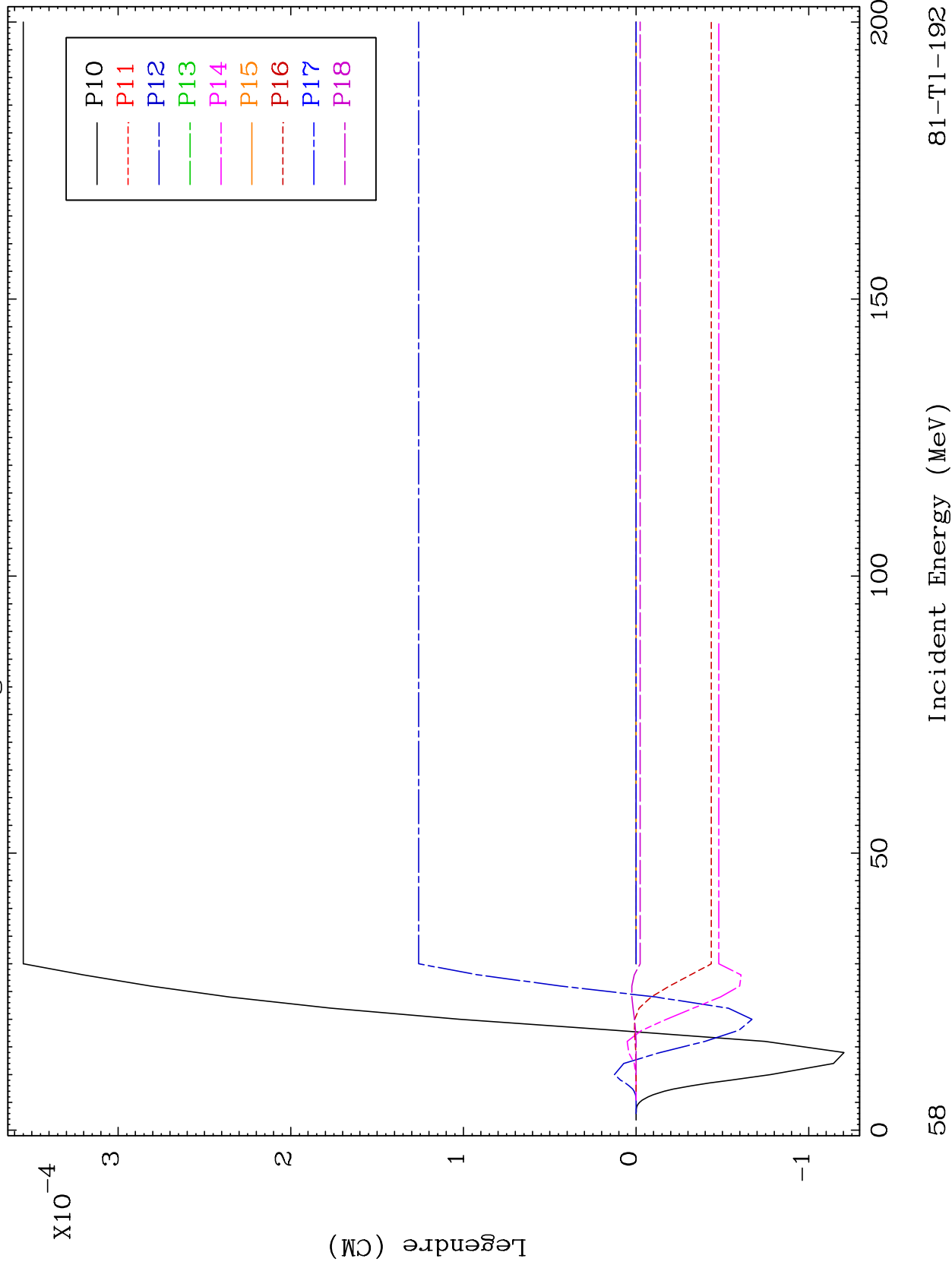
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

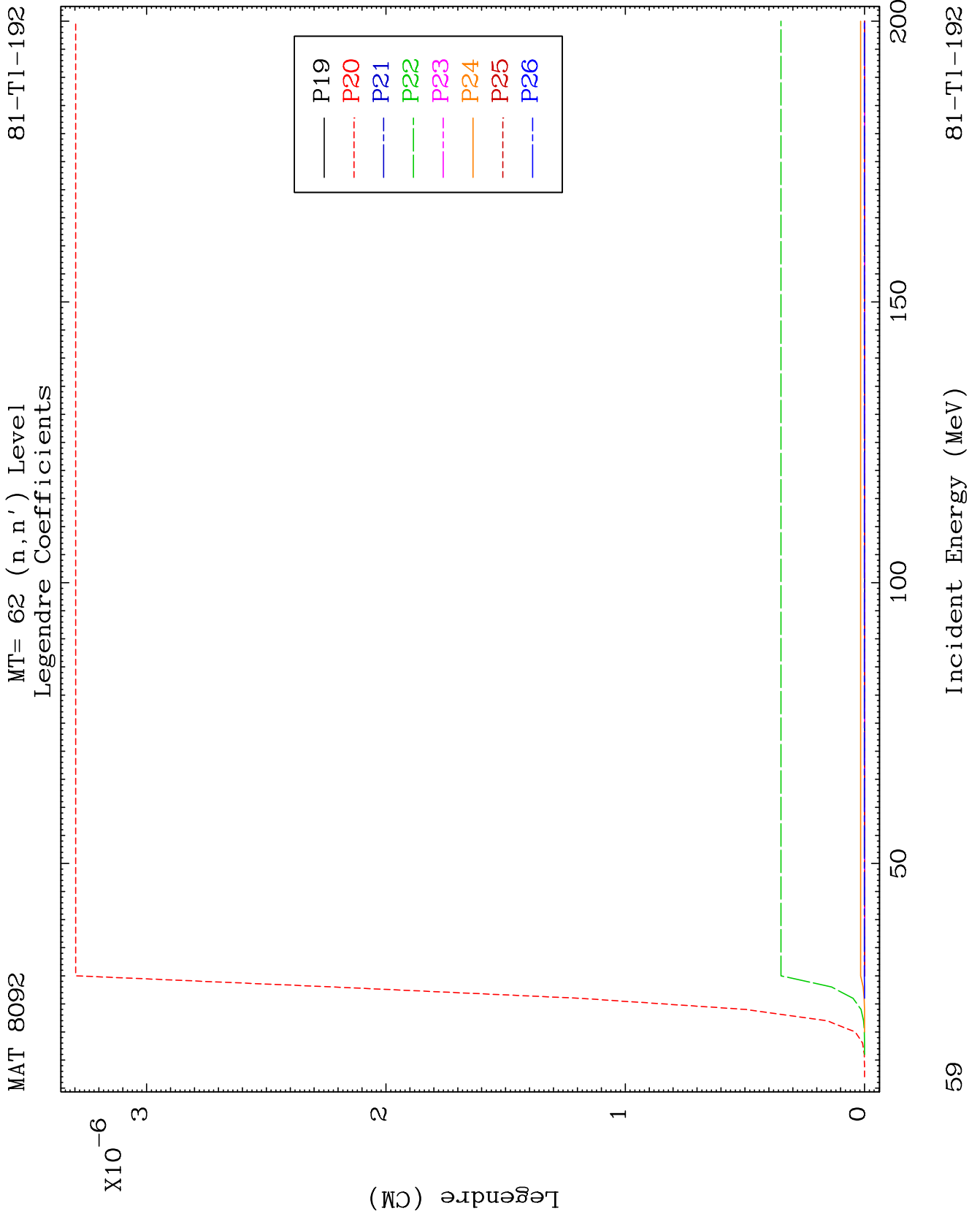
81-T1-192

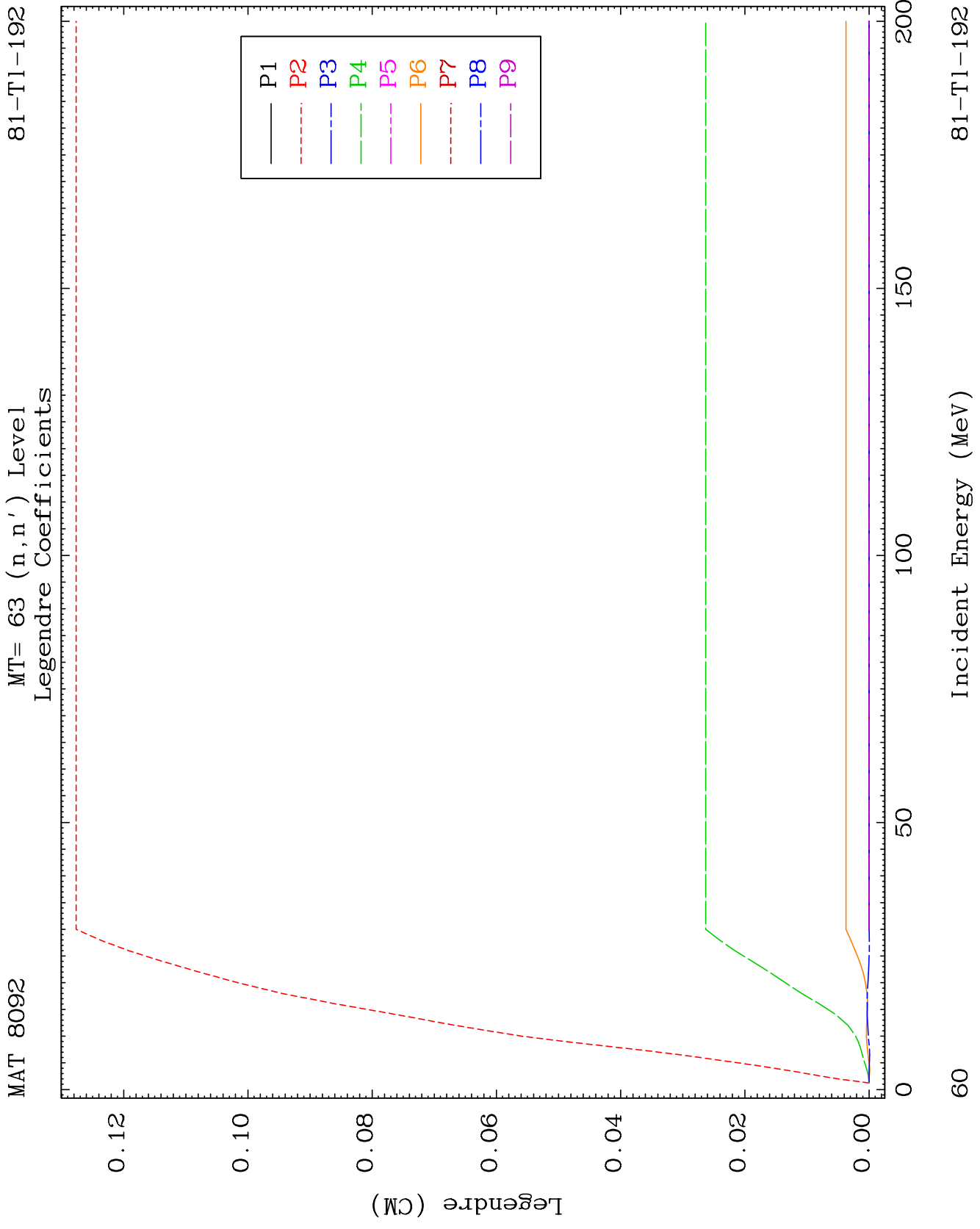


81-T1-192

Incident Energy (MeV)

58

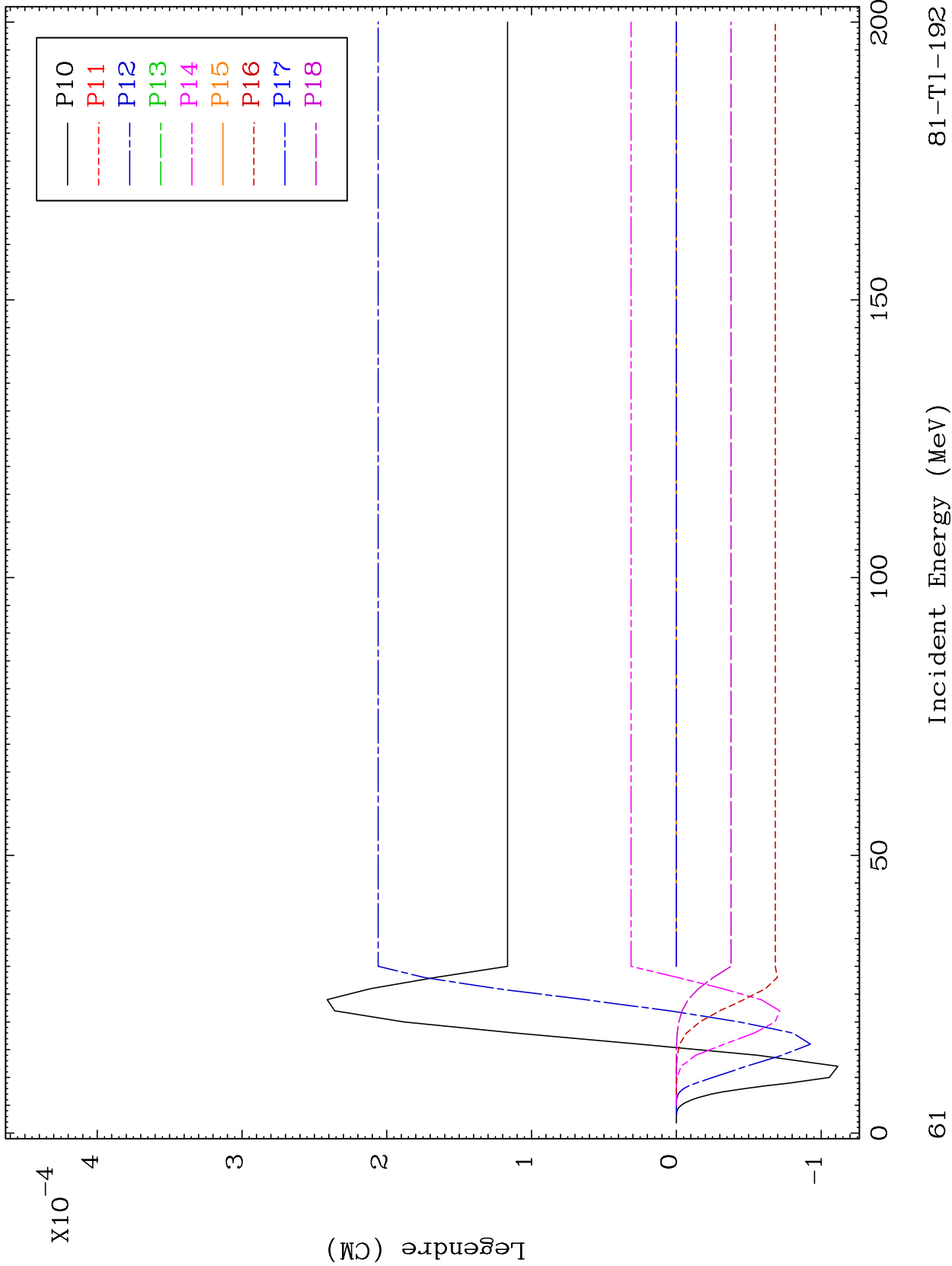




MAT 8092

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

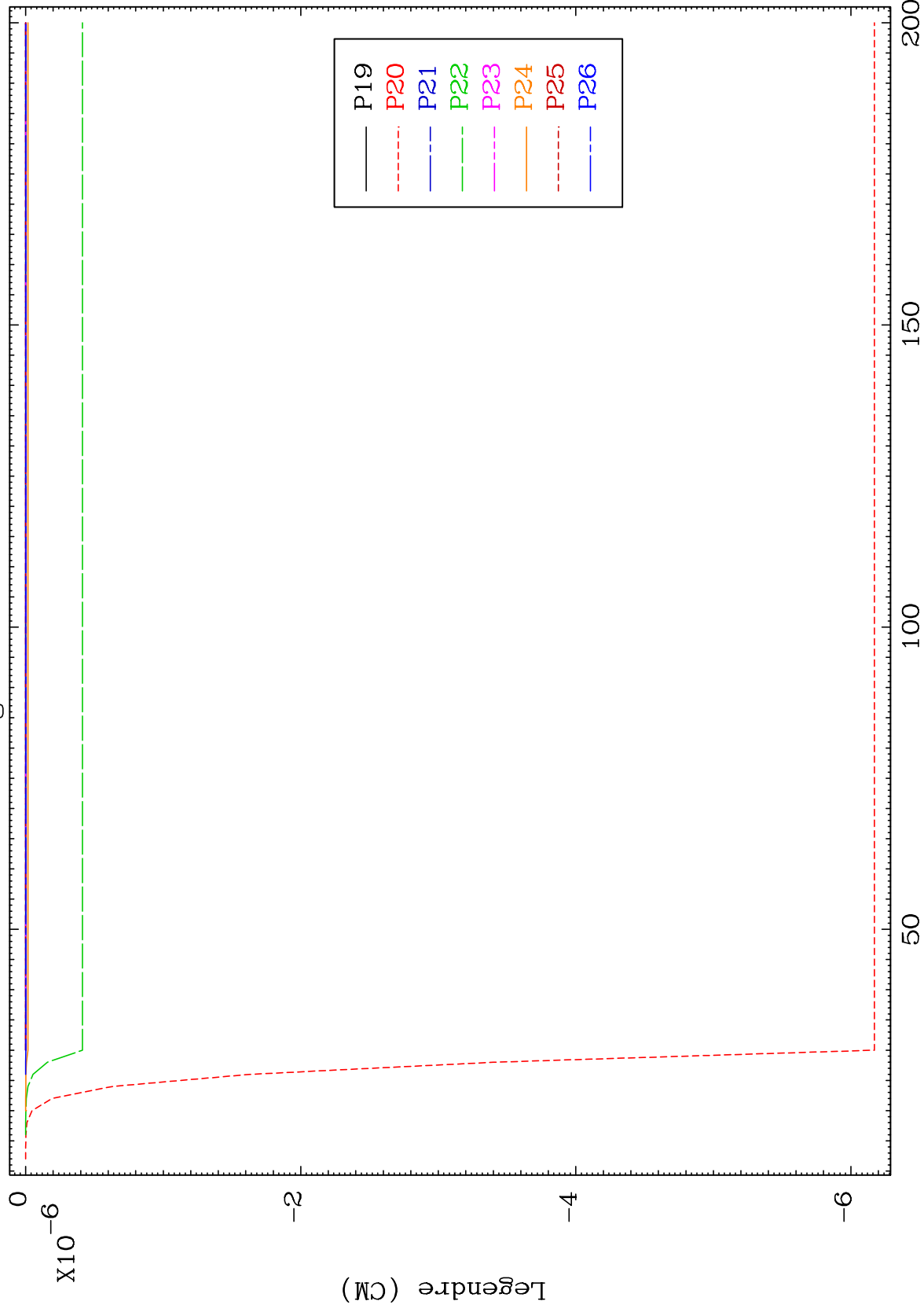
81-T1-192



MAT 8092

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

81-Tl-192



62

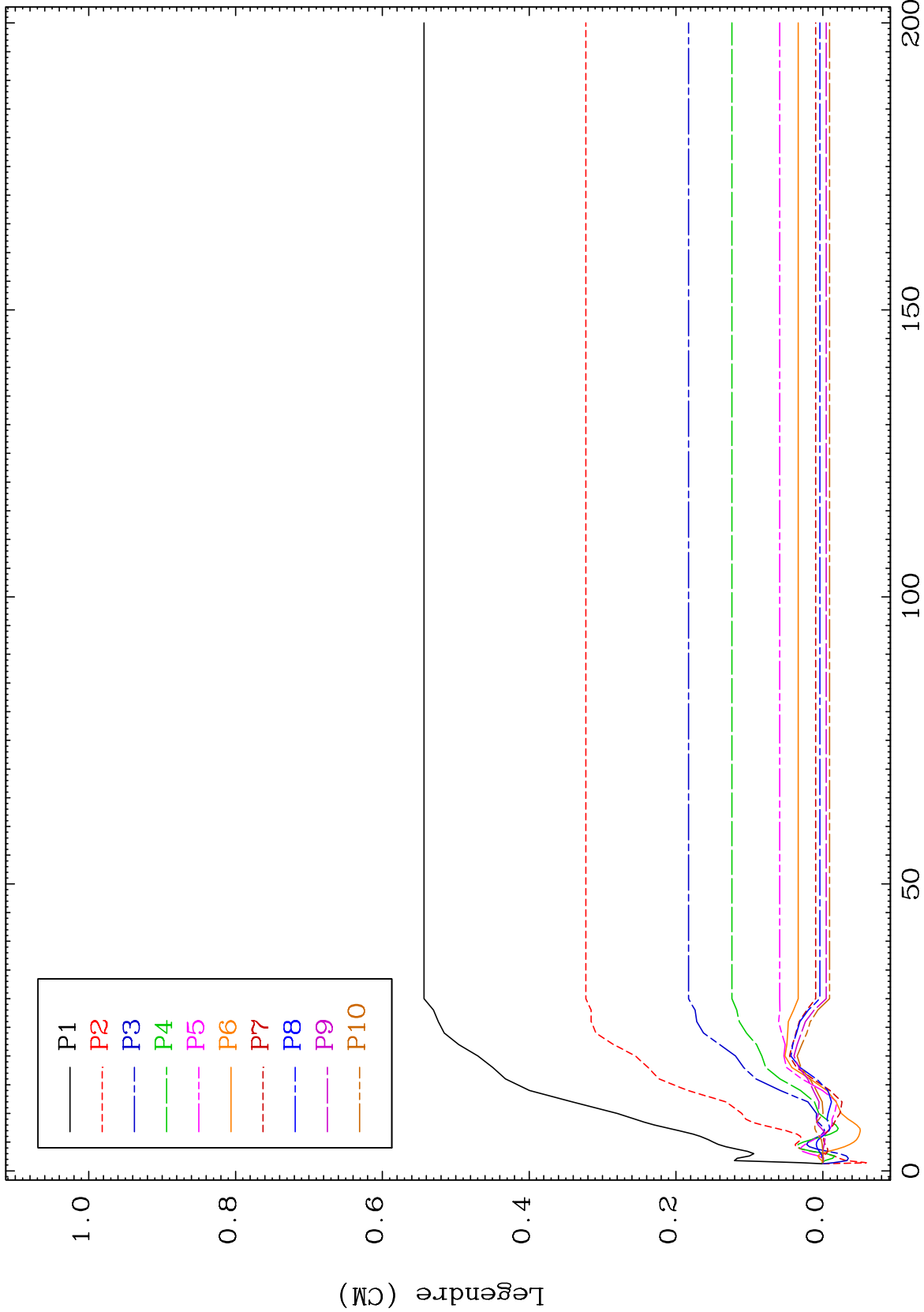
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

81-T1-192



63

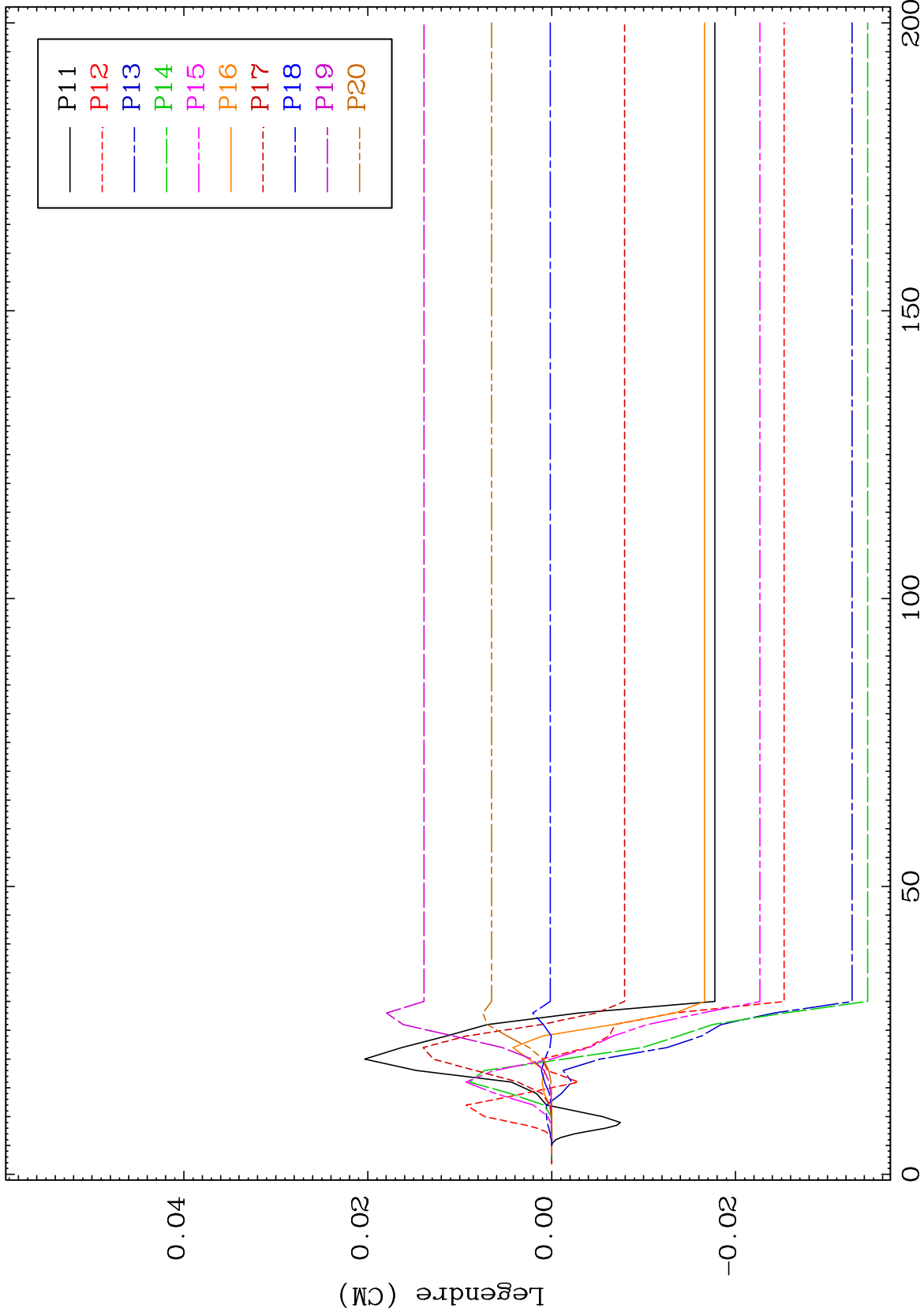
81-T1-192



MAT 8092

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

81-Tl-192



64

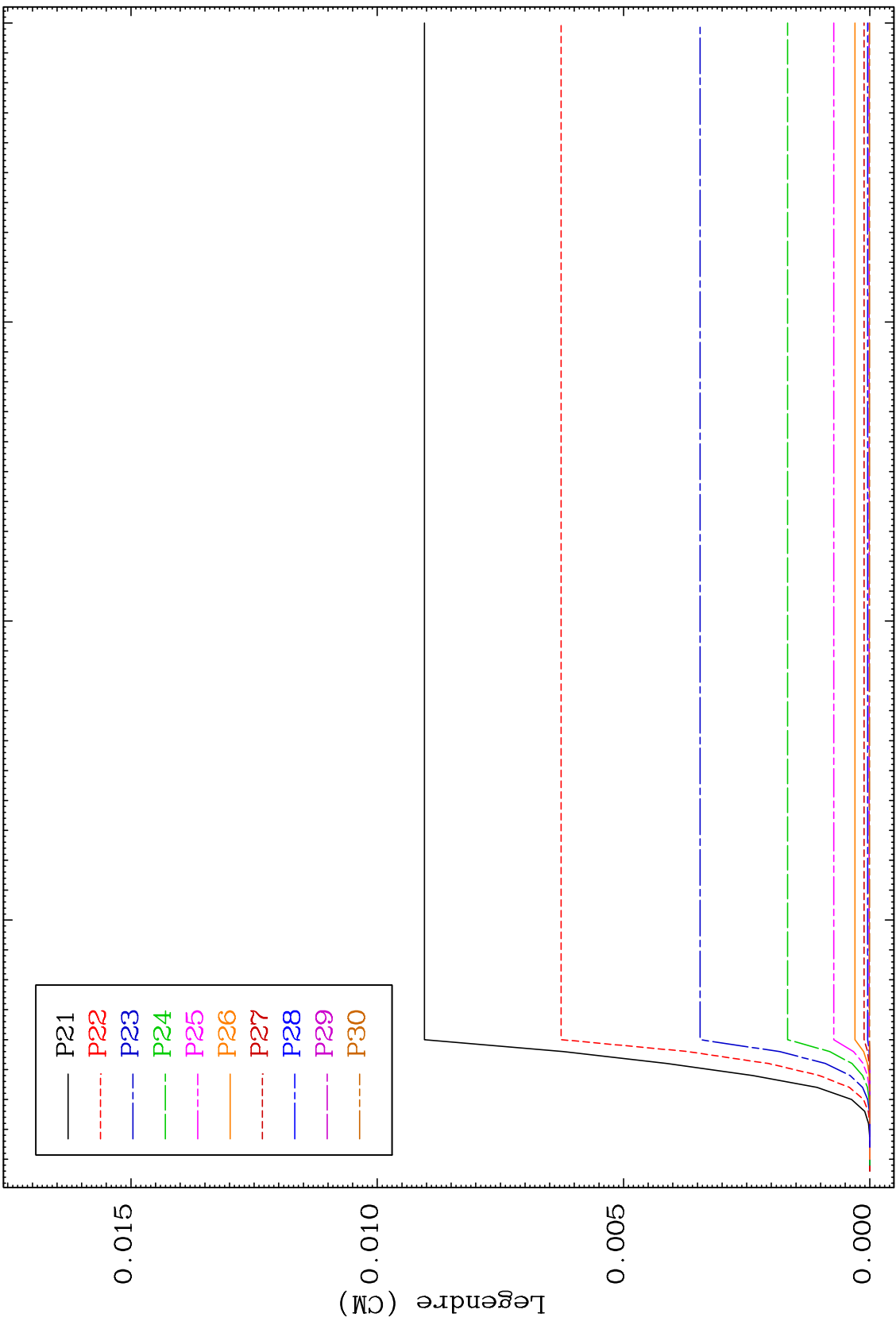
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

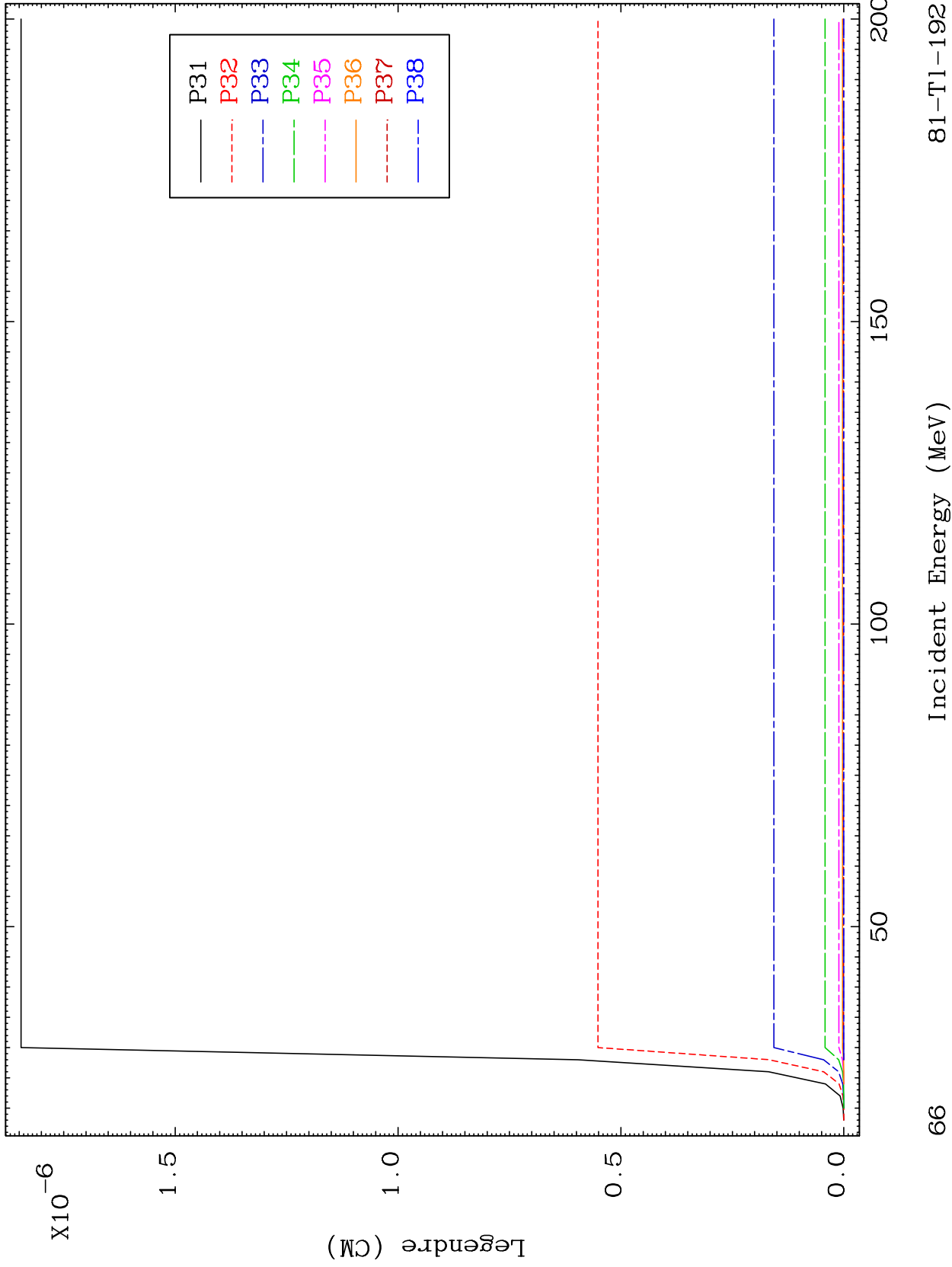
81-Tl-192

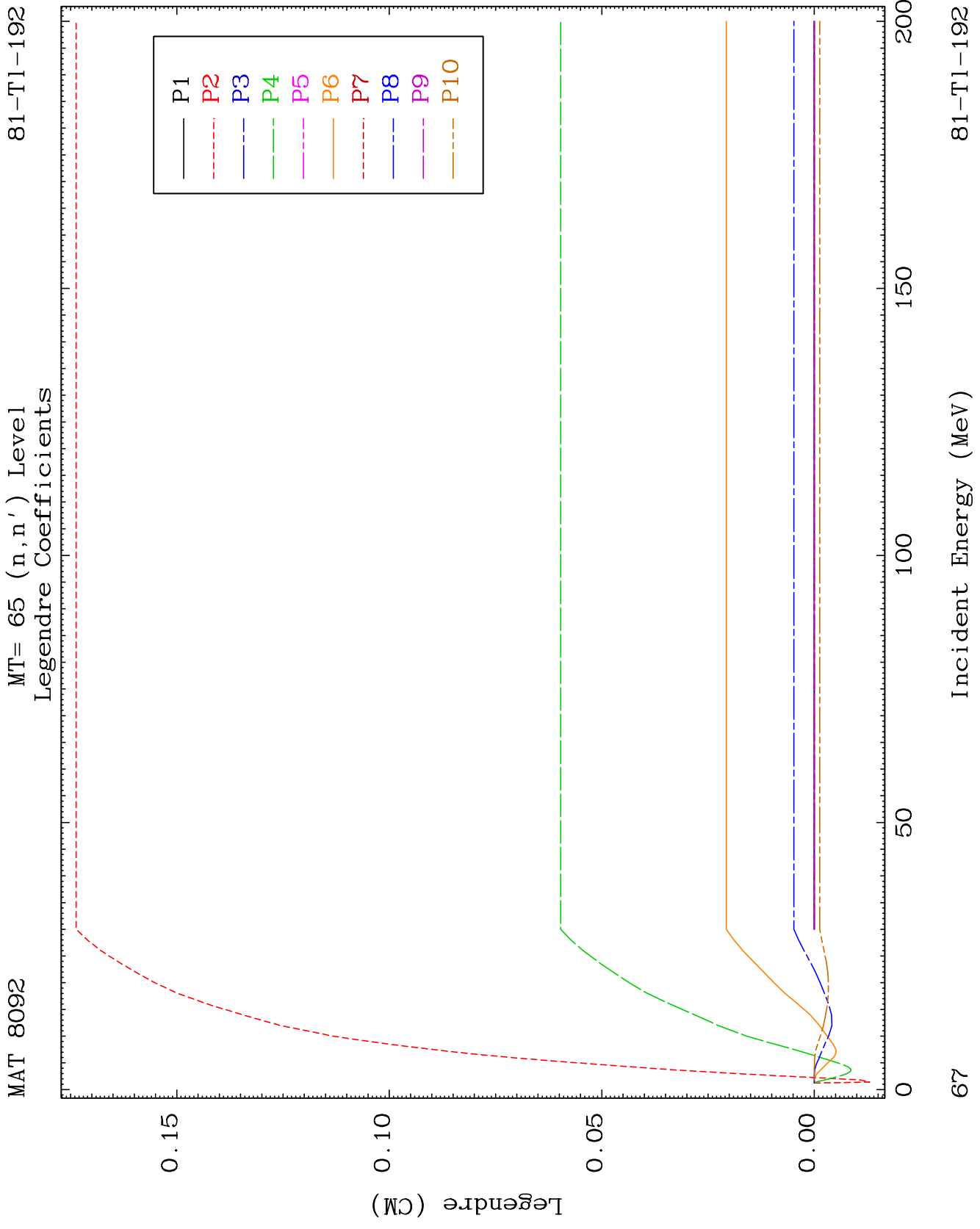


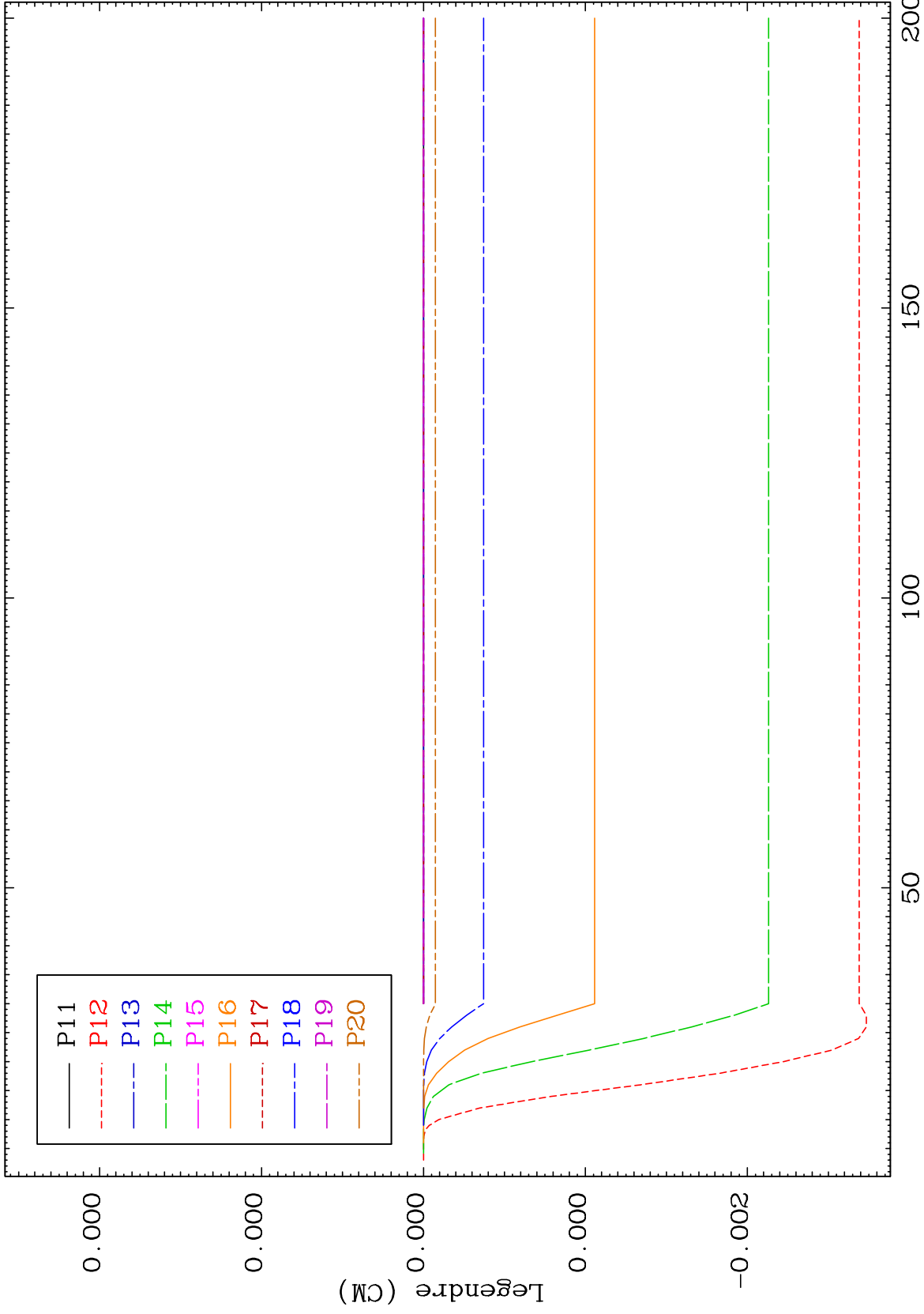
65

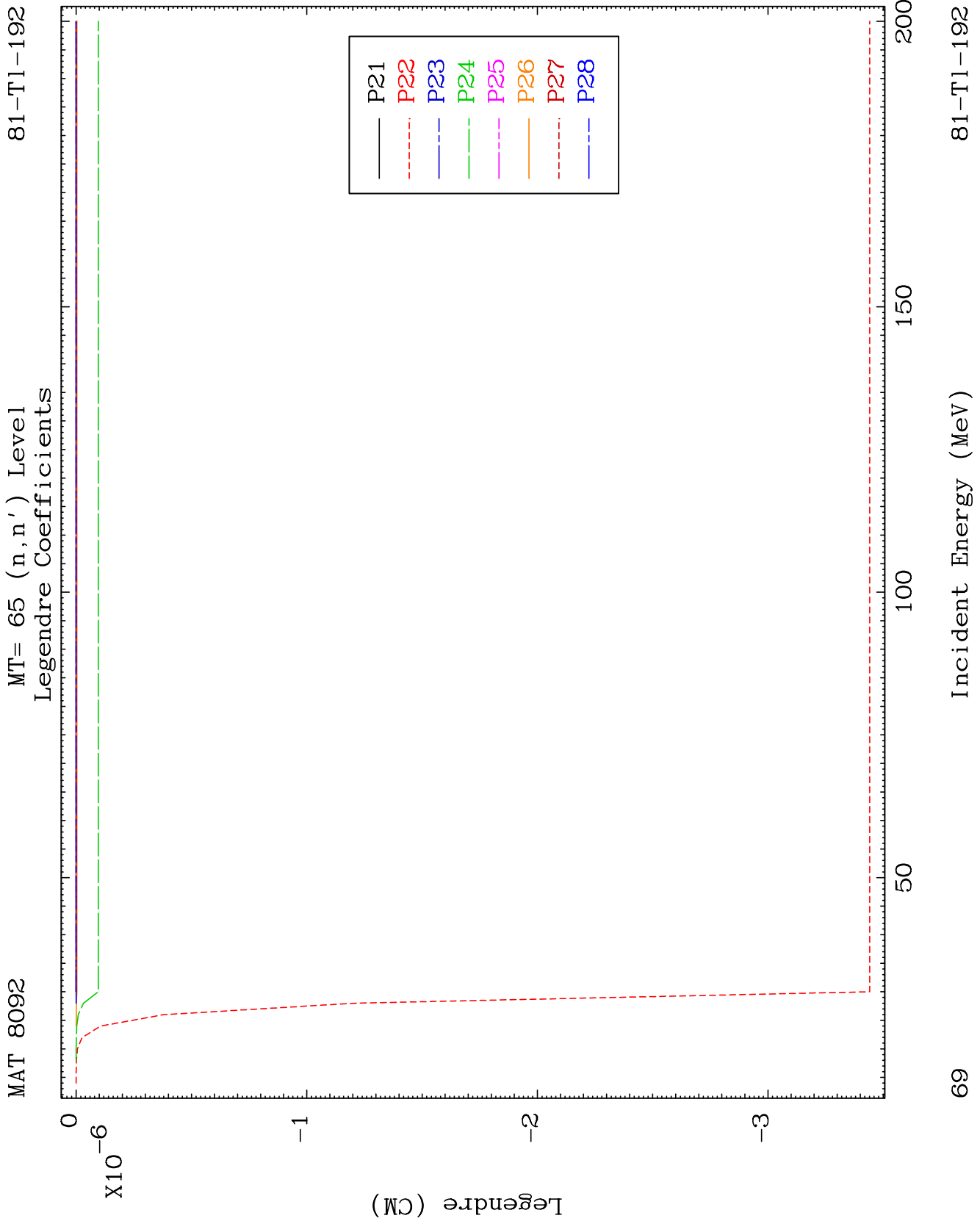
Incident Energy (MeV)

81-Tl-192





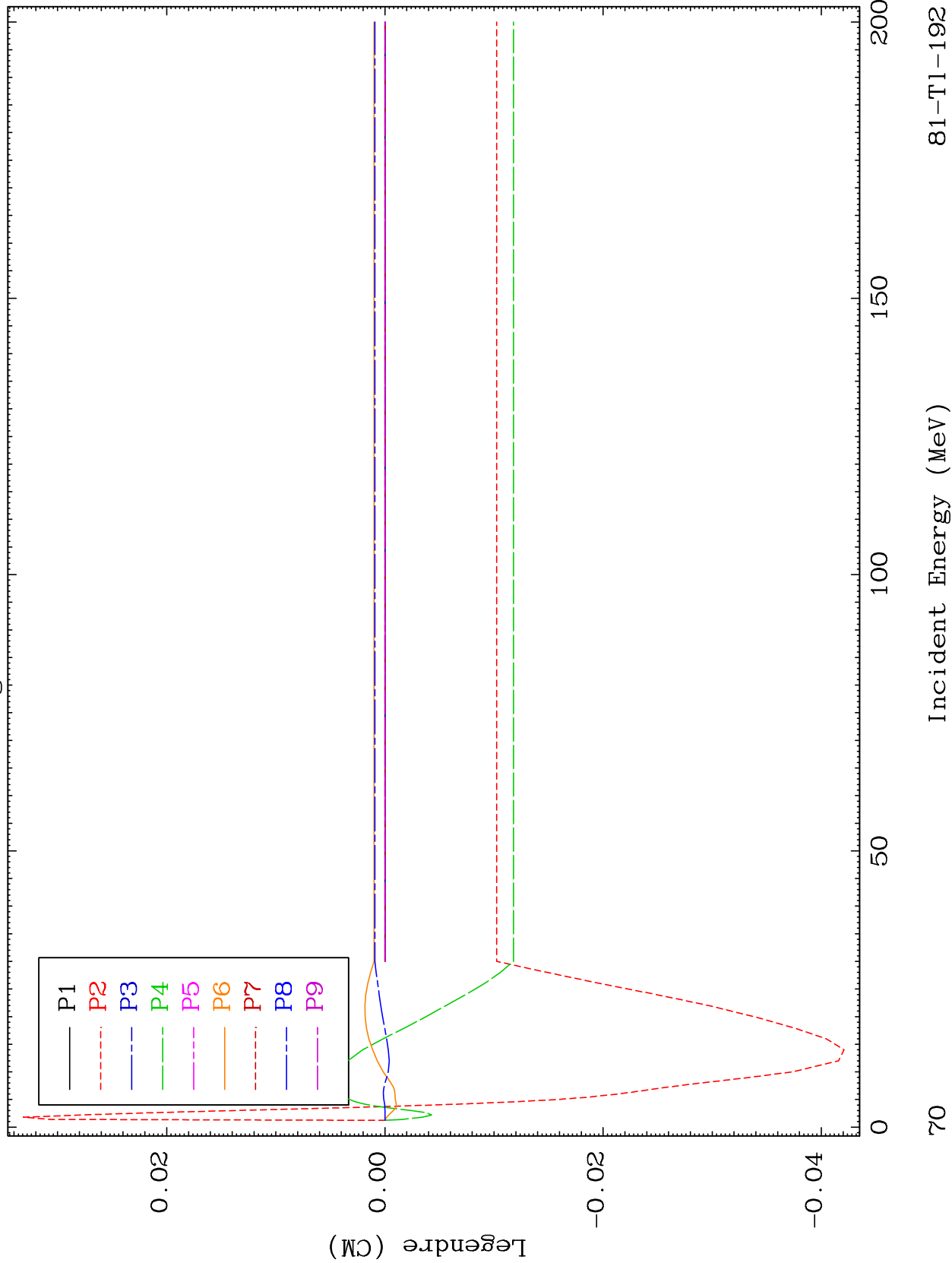




MAT 8092

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

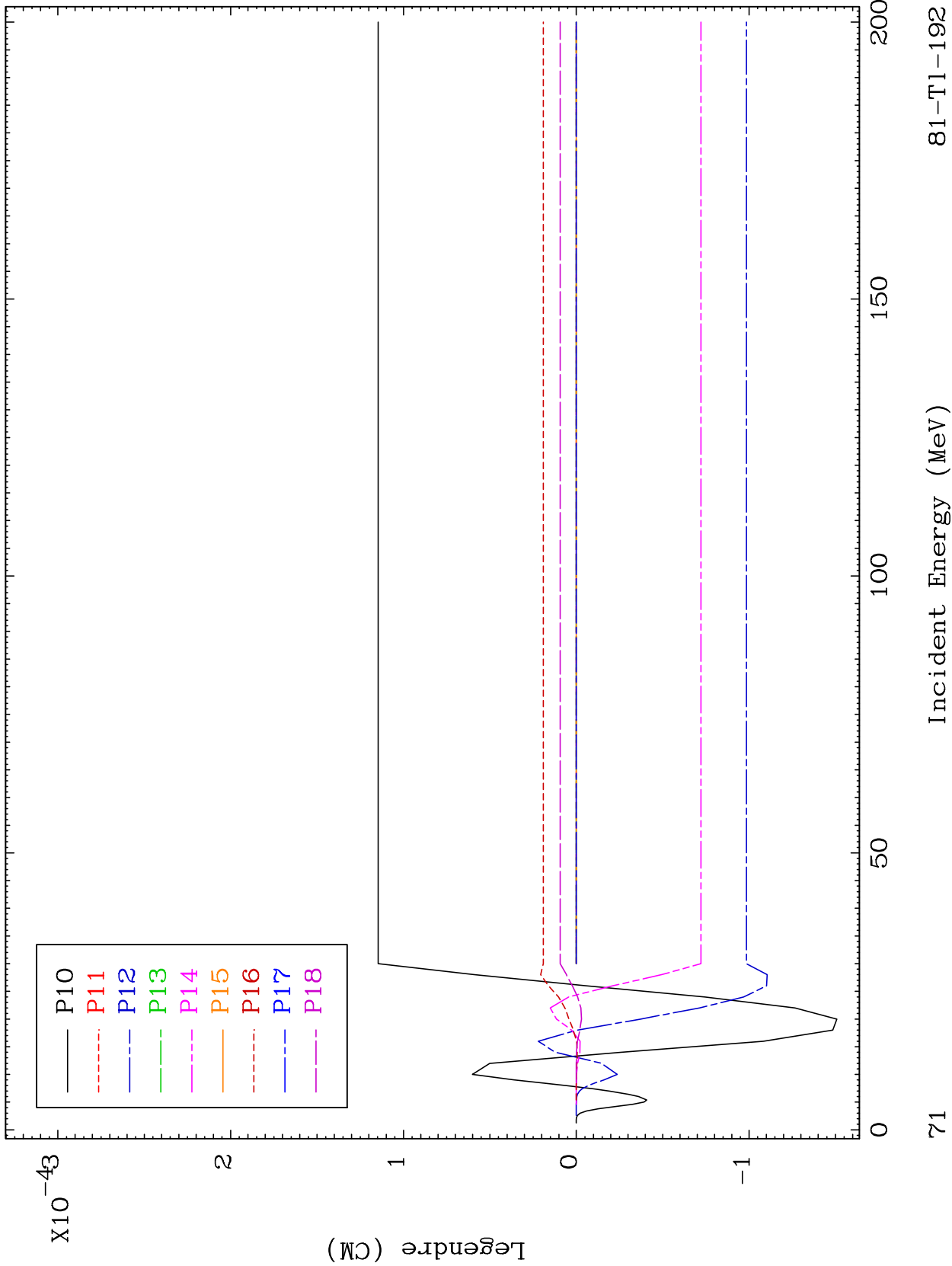
81-Tl-192



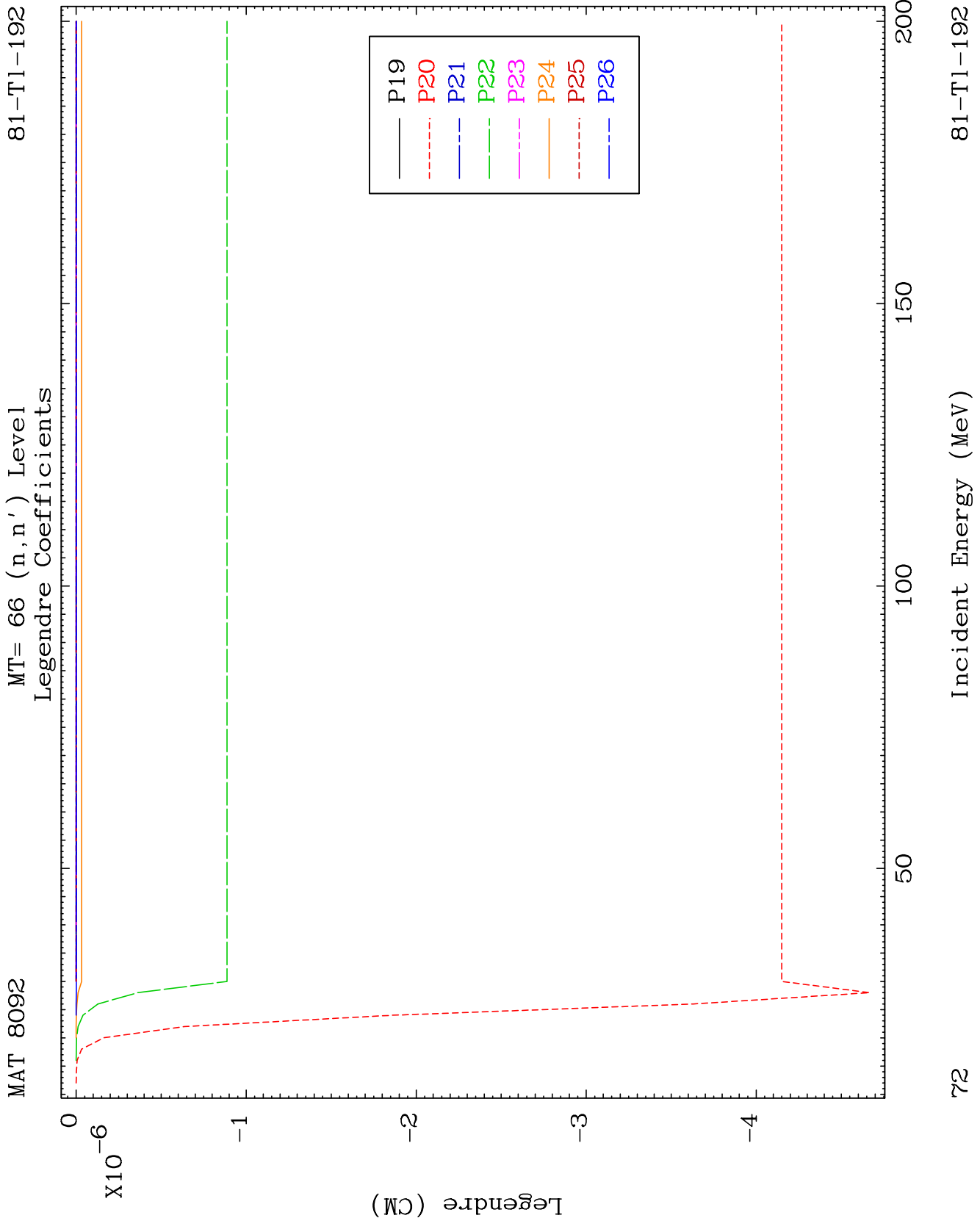
81-Tl-192

Incident Energy (MeV)

70



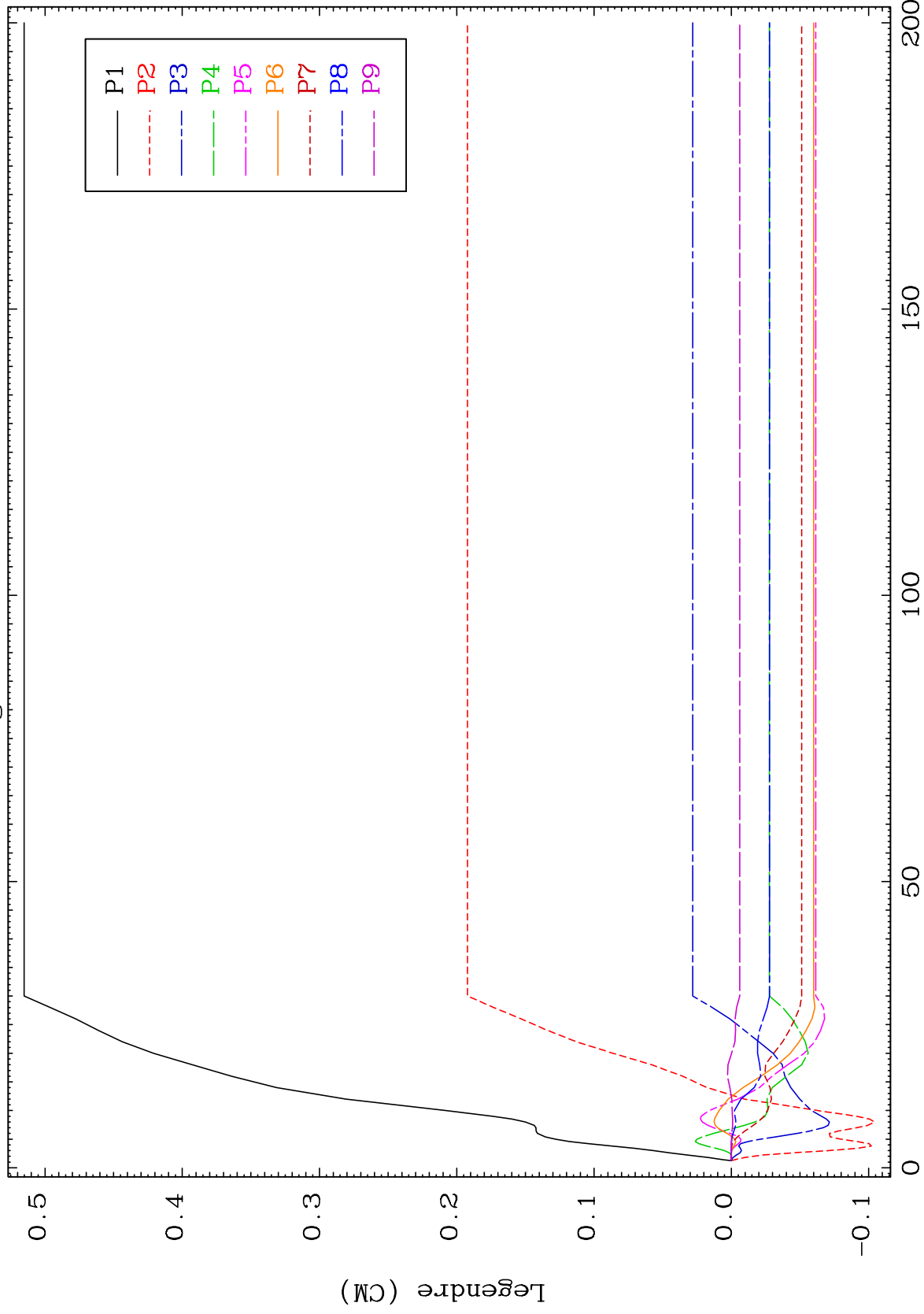




MAT 8092

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

81-T1-192



73

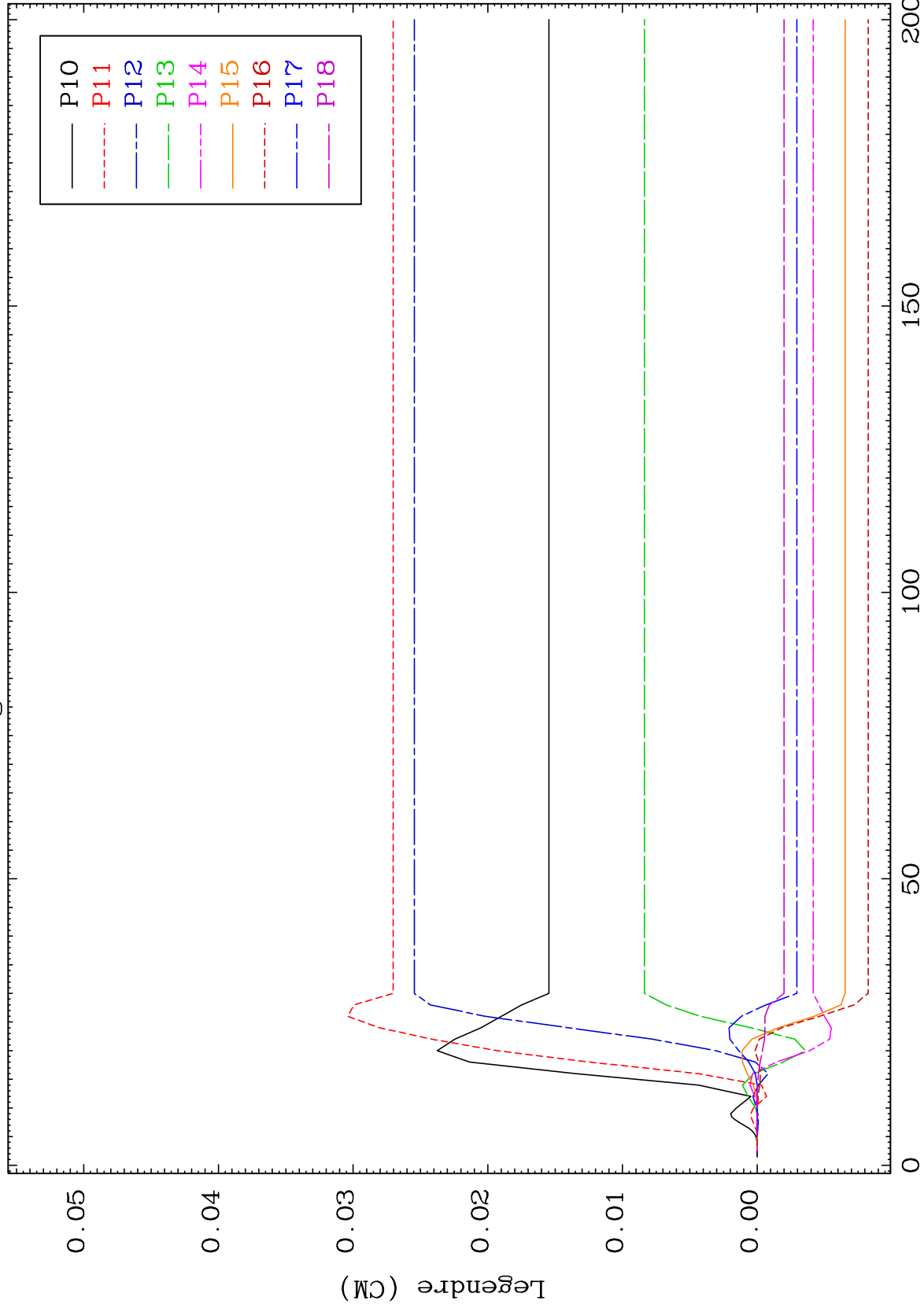
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-T1-192



74

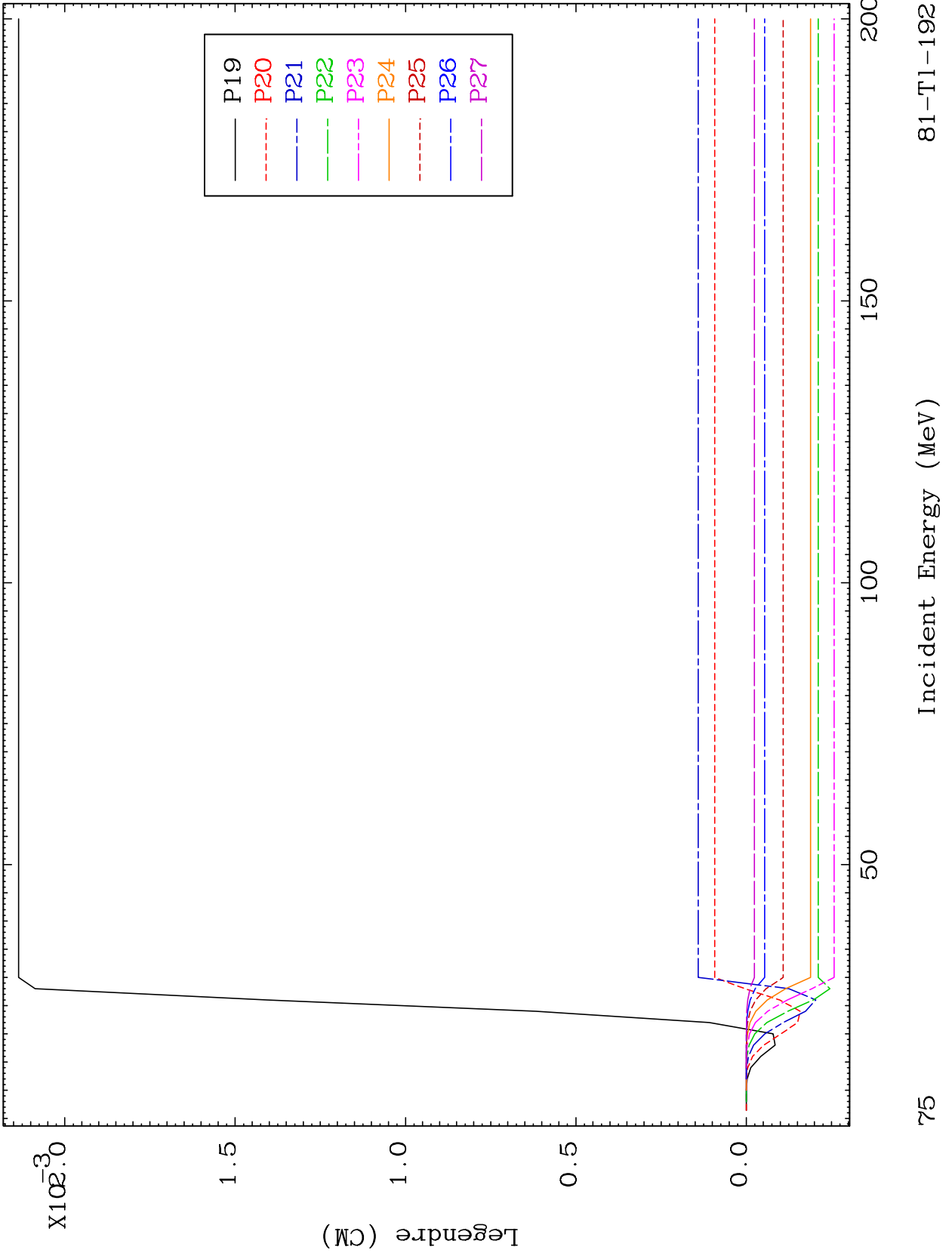
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-T1-192



75

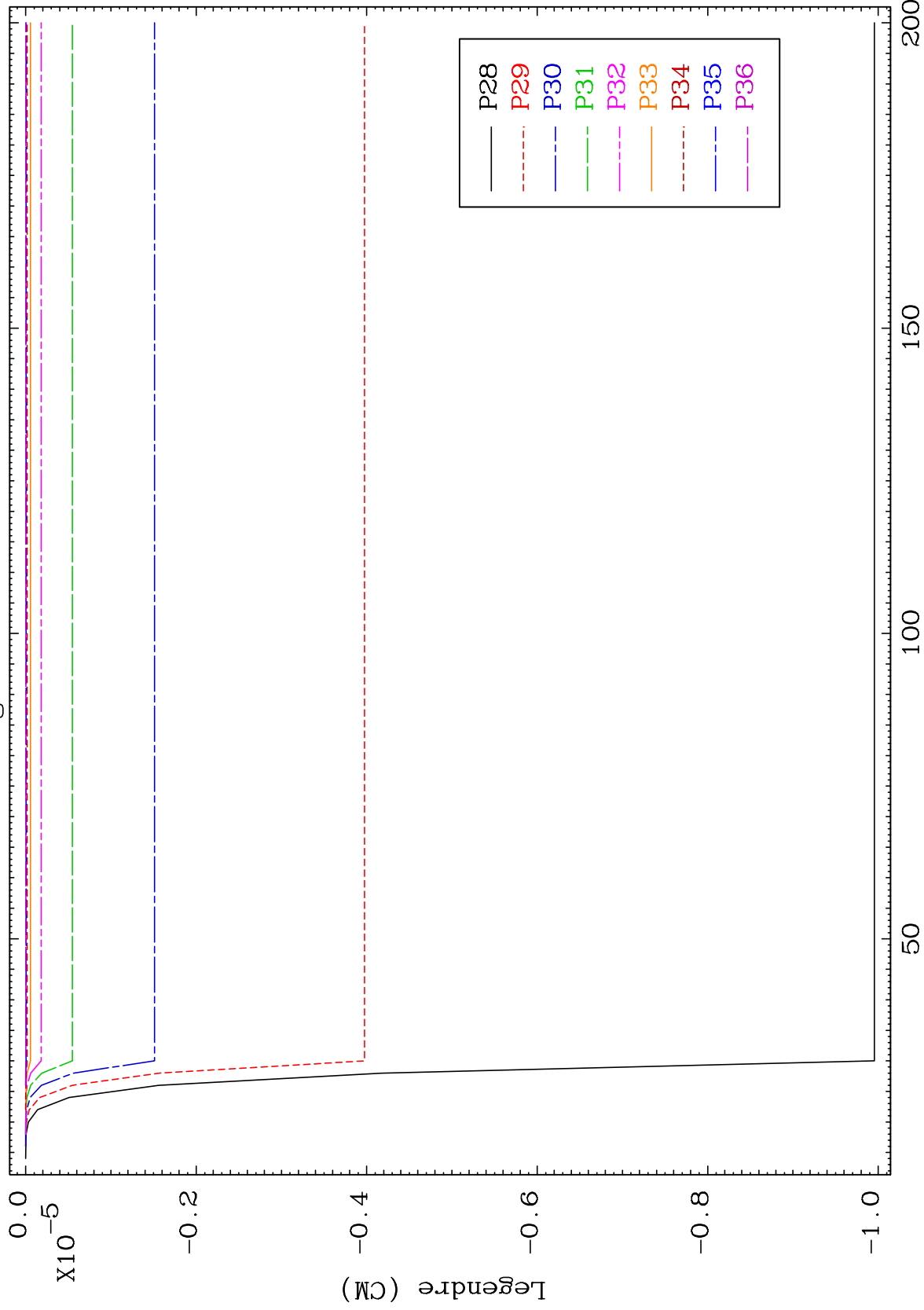
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-Tl-192



76

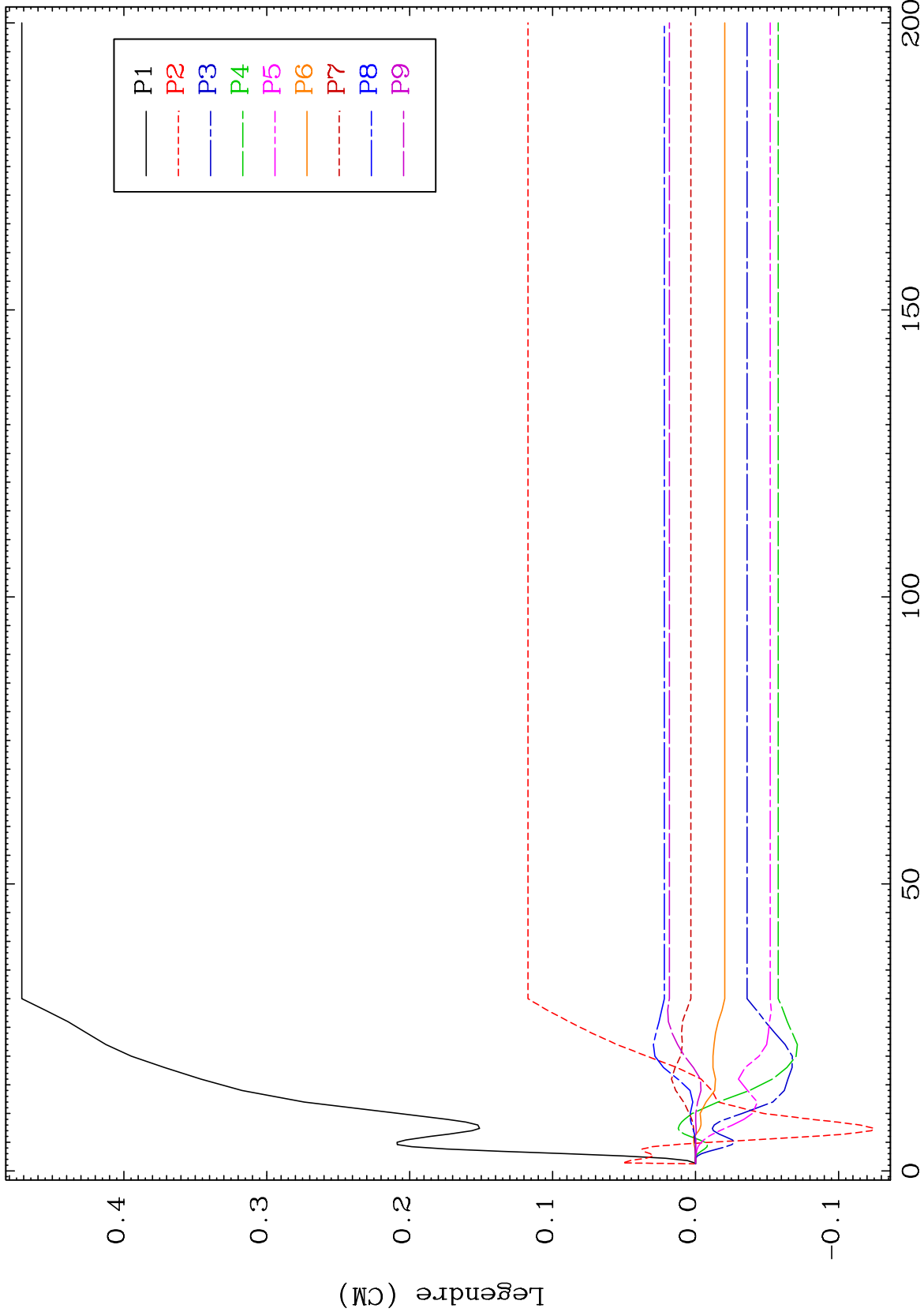
Incident Energy (MeV)

81-Tl-192

MAT 8092

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

81-T1-192



77

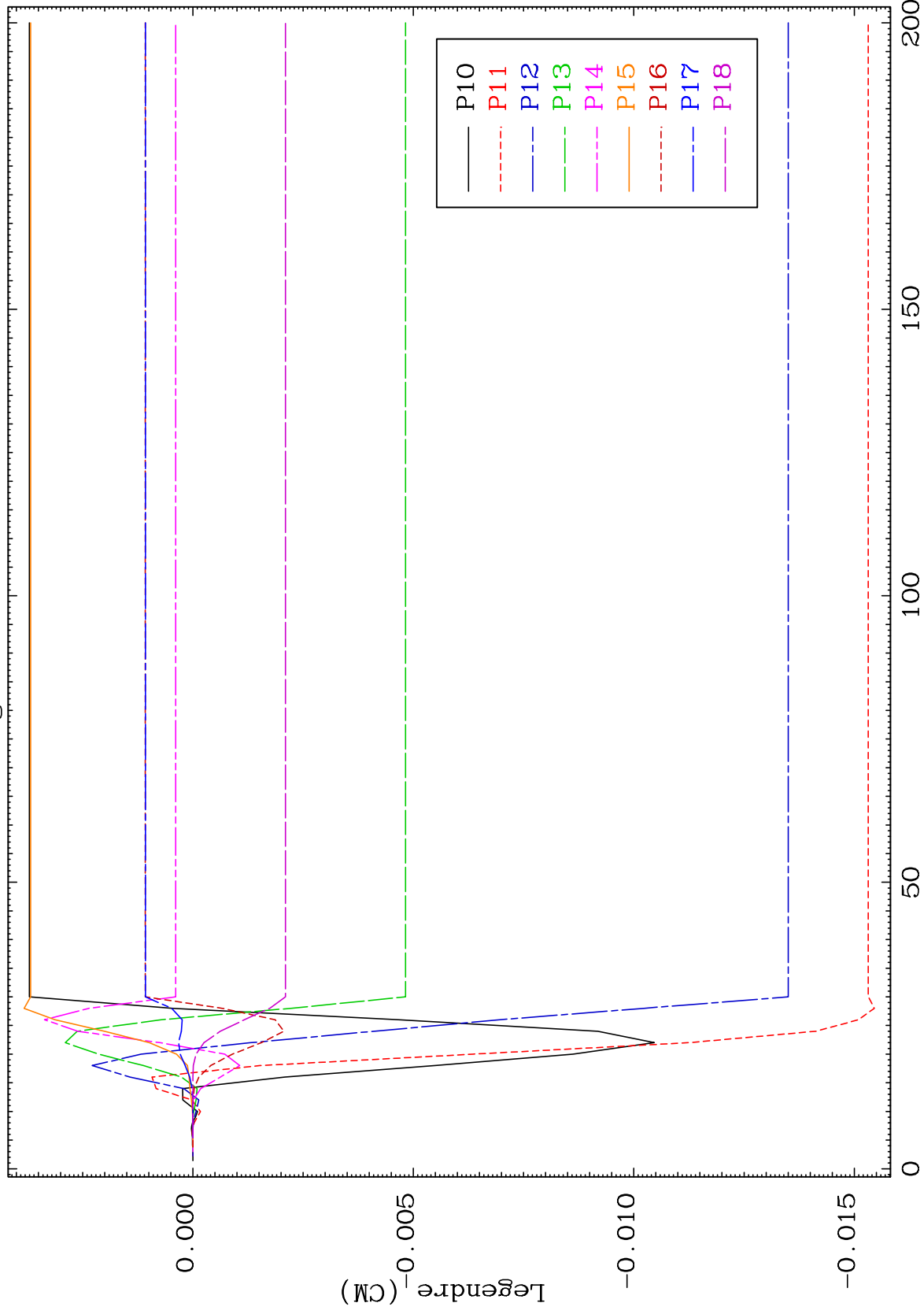
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-T1-192



78

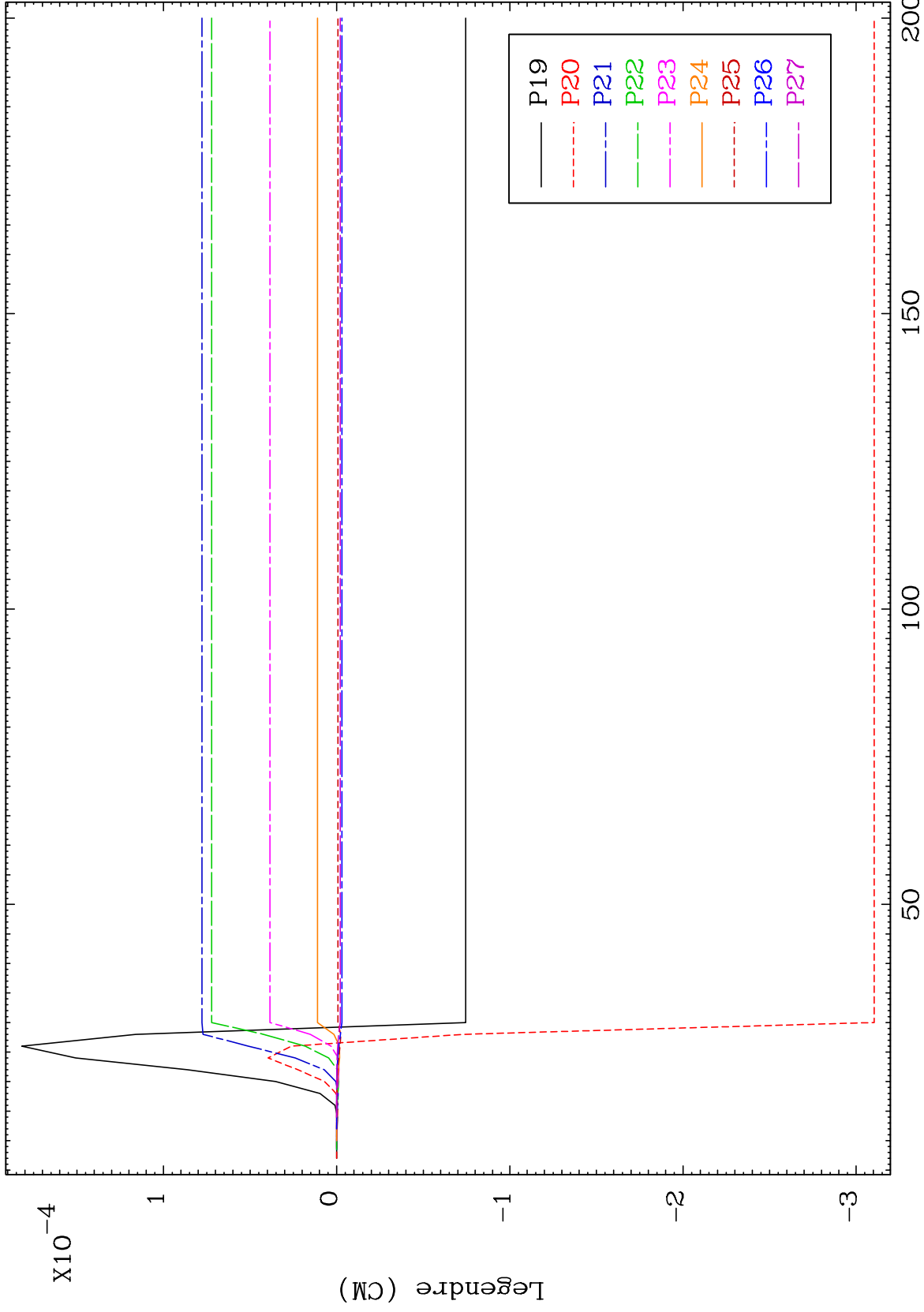
Incident Energy (MeV)

81-T1-192

MAT 8092

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

81-Tl-192



79

Incident Energy (MeV)

81-Tl-192

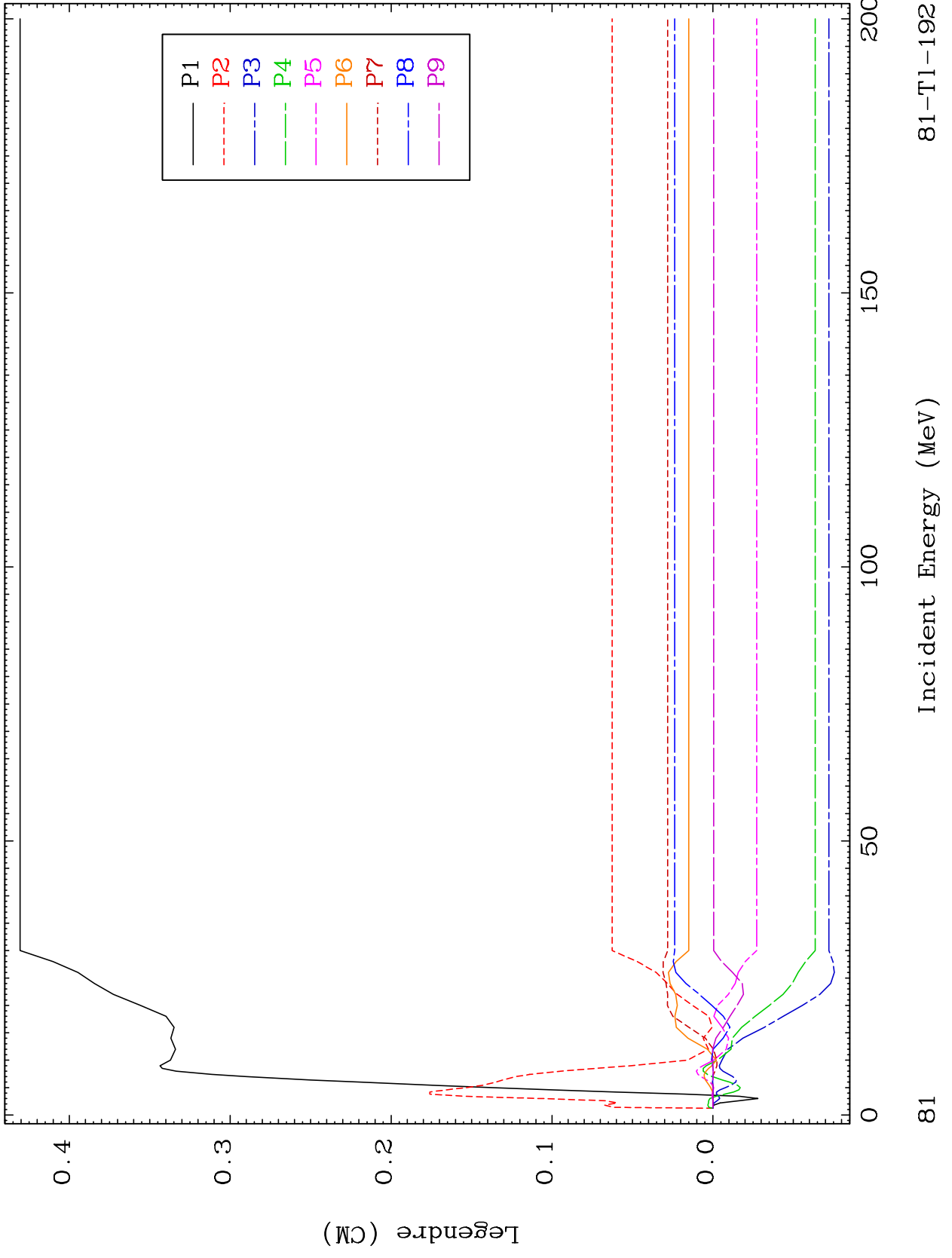




MAT 8092

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

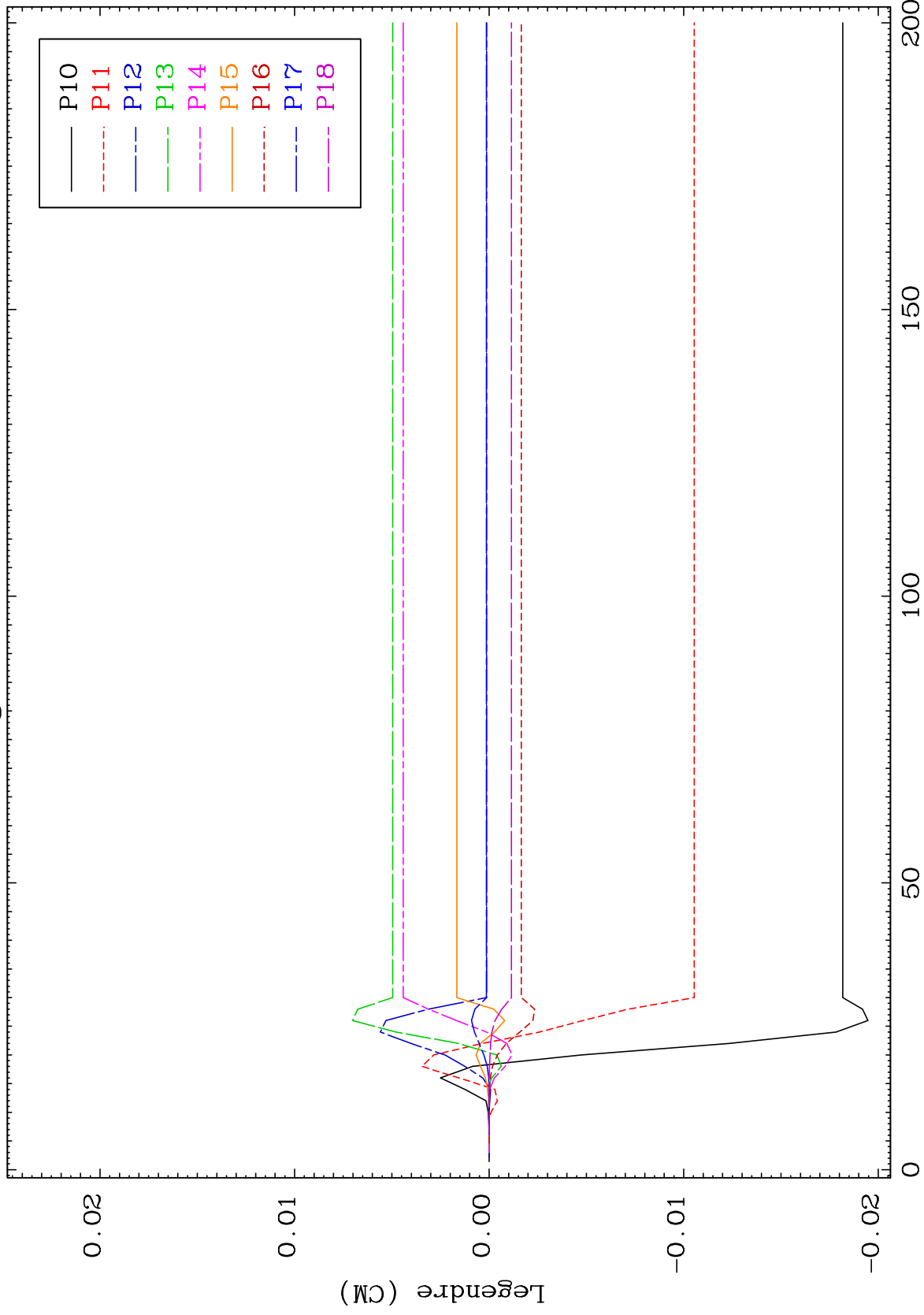
81-T1-192



MAT 8092

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

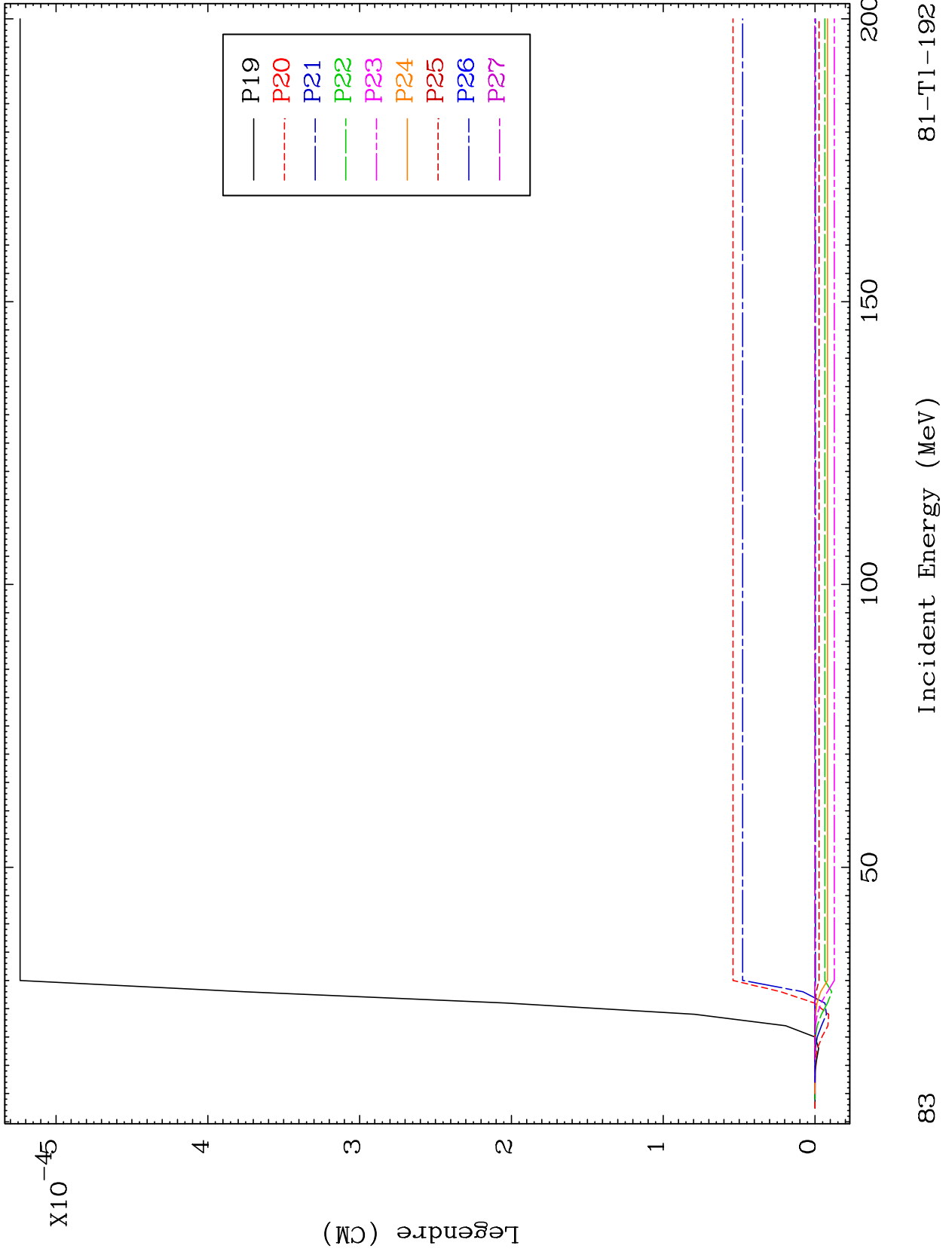
81-T1-192

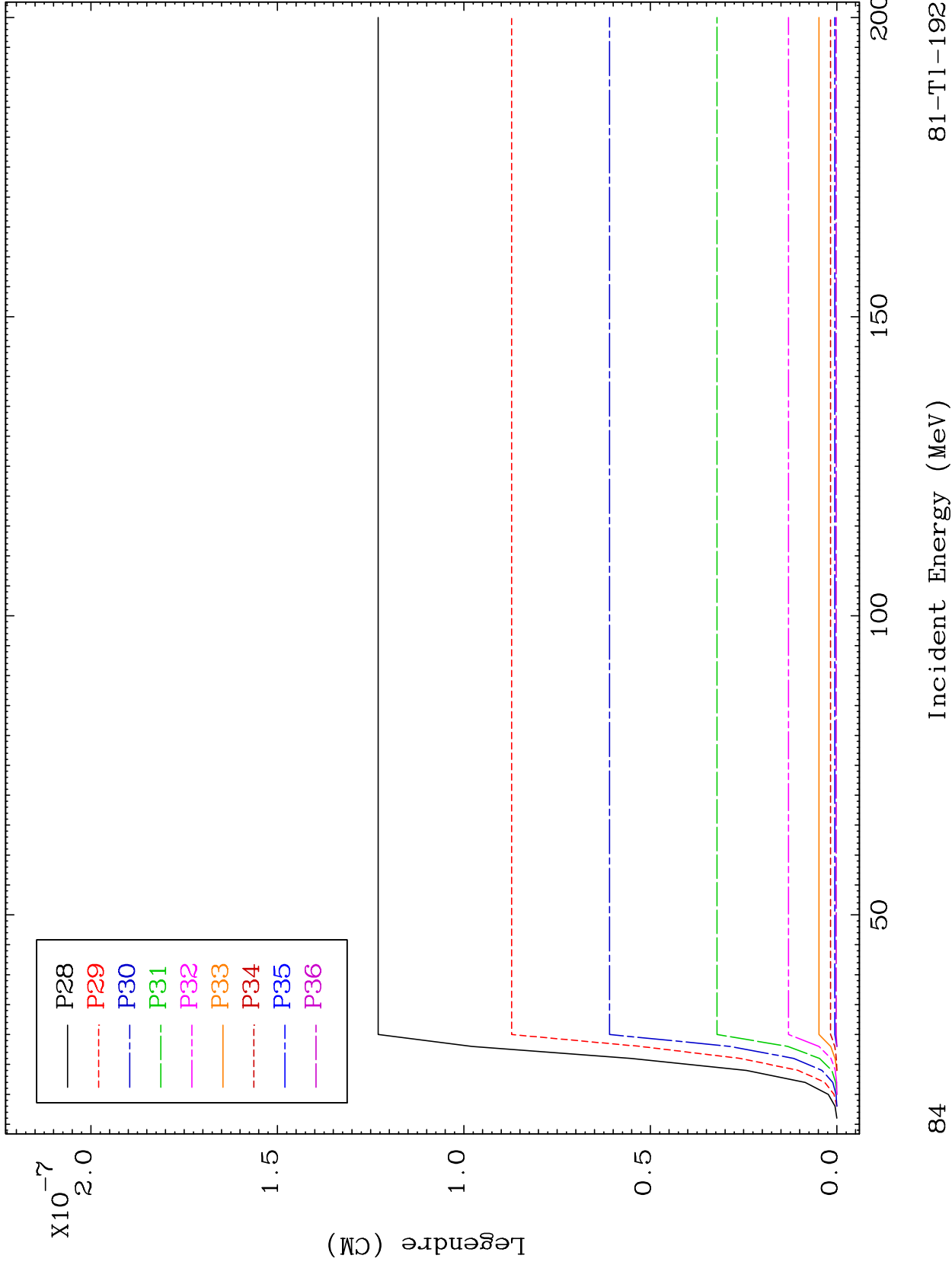


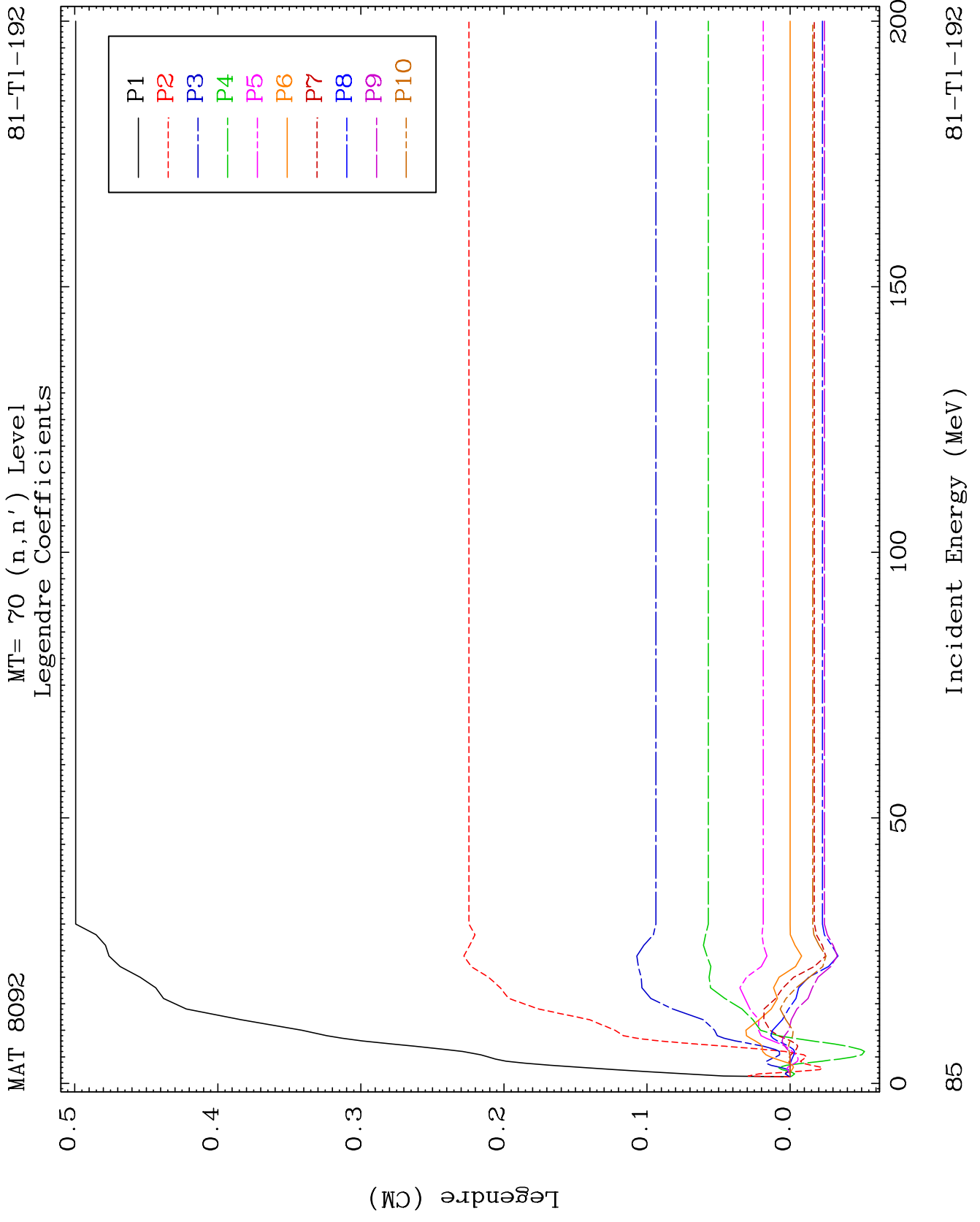
82

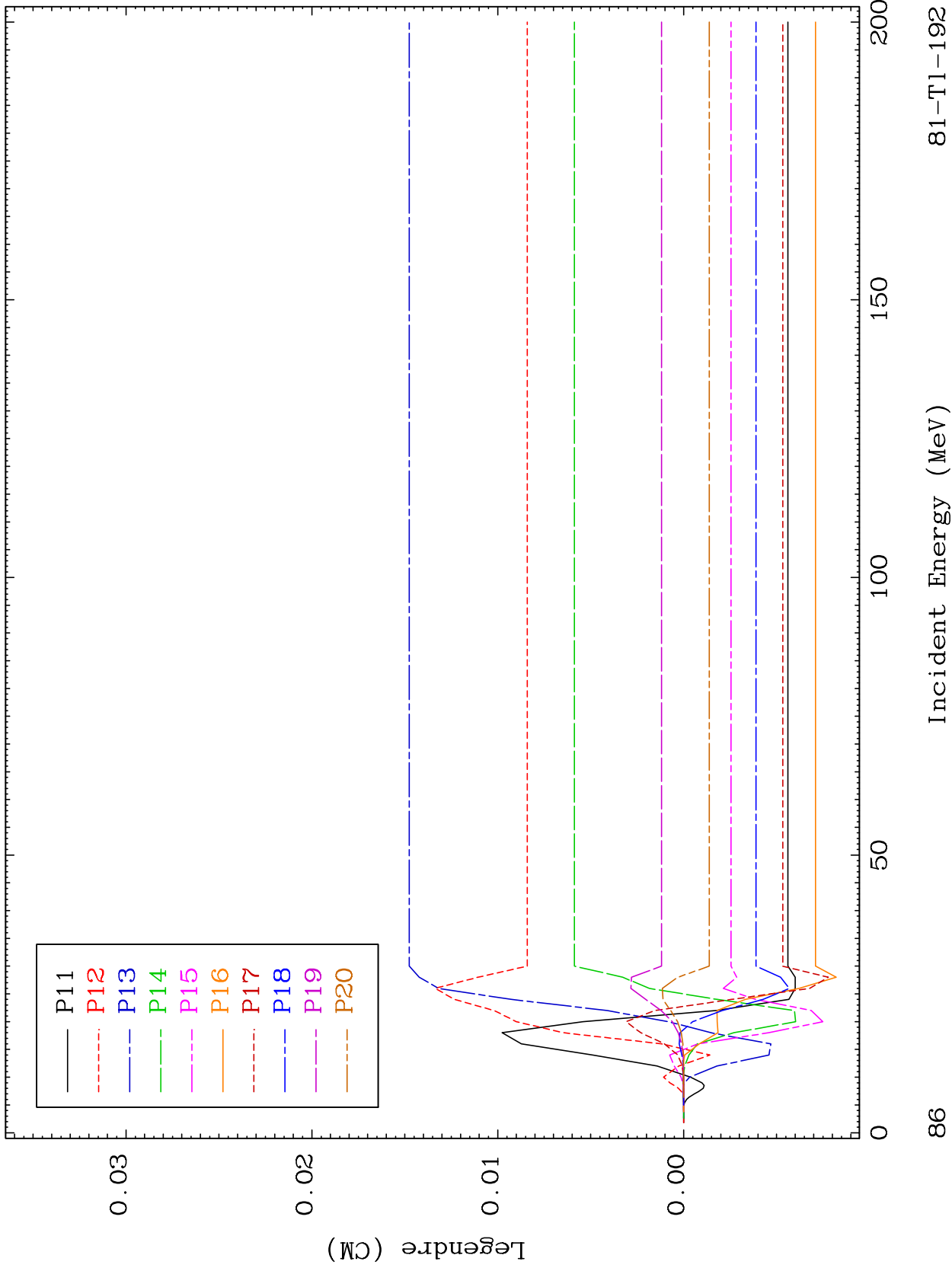
Incident Energy (MeV)

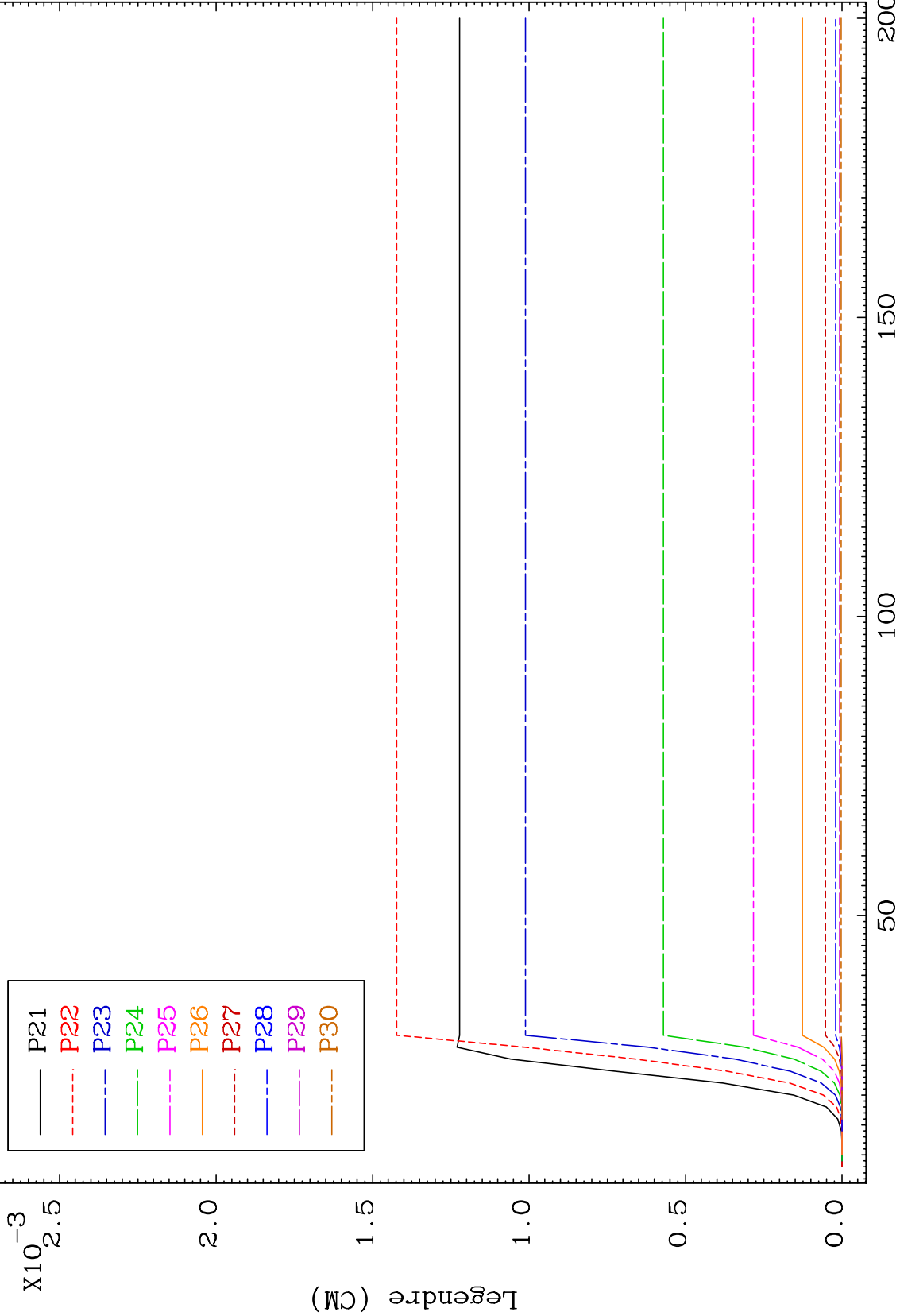
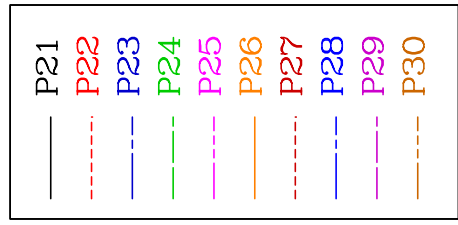
81-T1-192









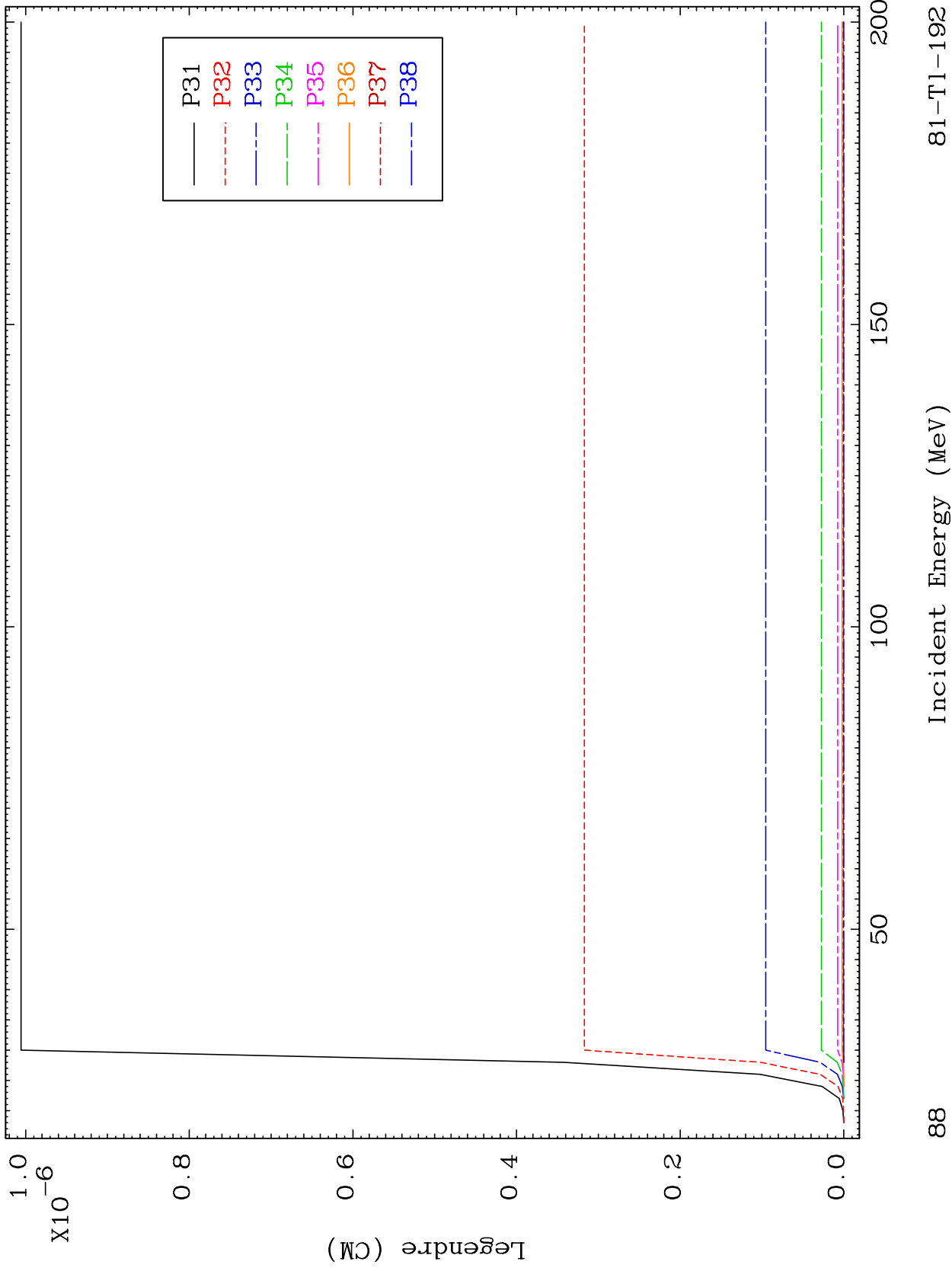




MAT 8092

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

81-Tl-192



88

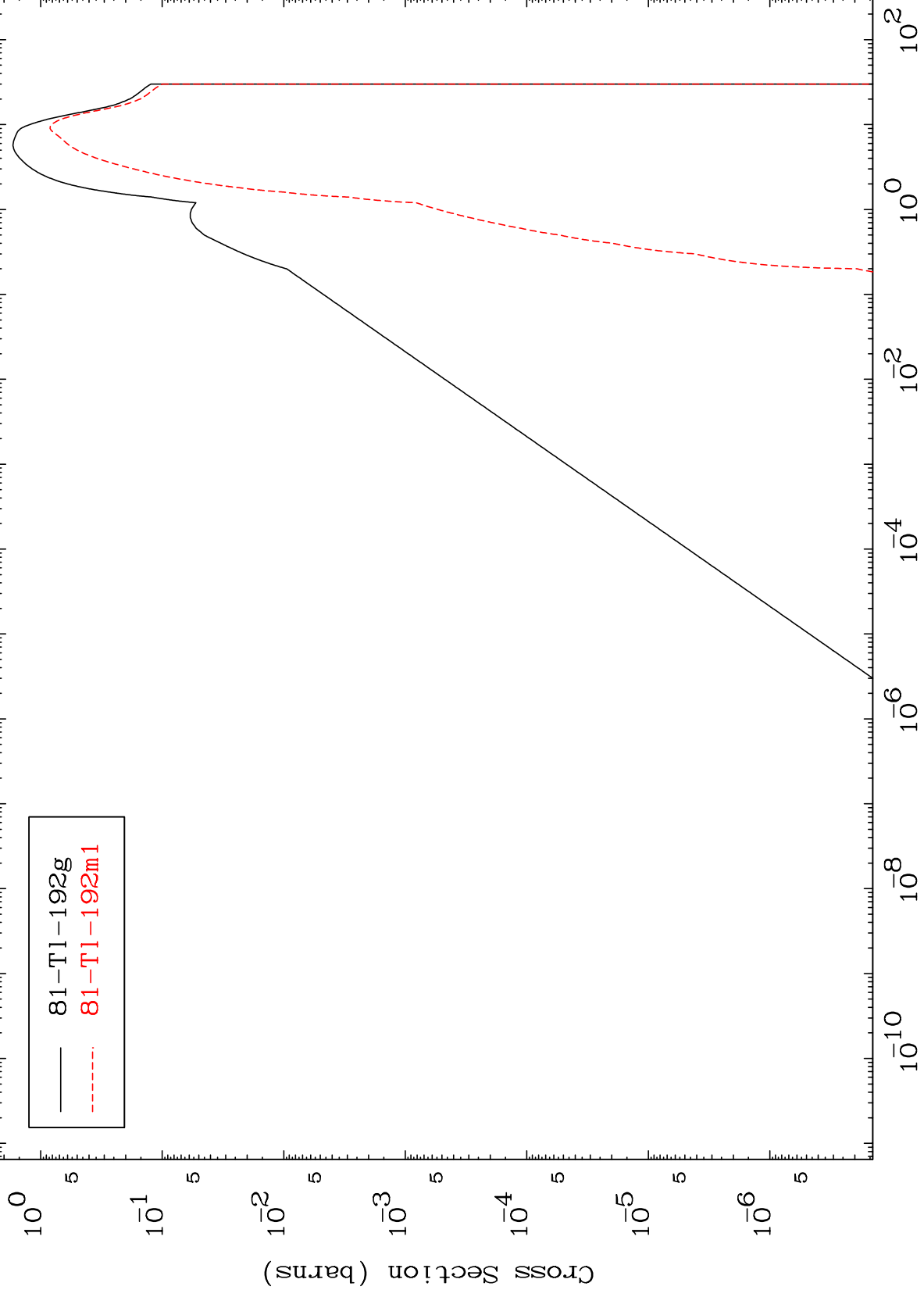
Incident Energy (MeV)

81-Tl-192

MAT 8092

Inelastic  
Radionuclide Production Cross Section

81-Tl-192



81-Tl-192g  
81-Tl-192m1

89

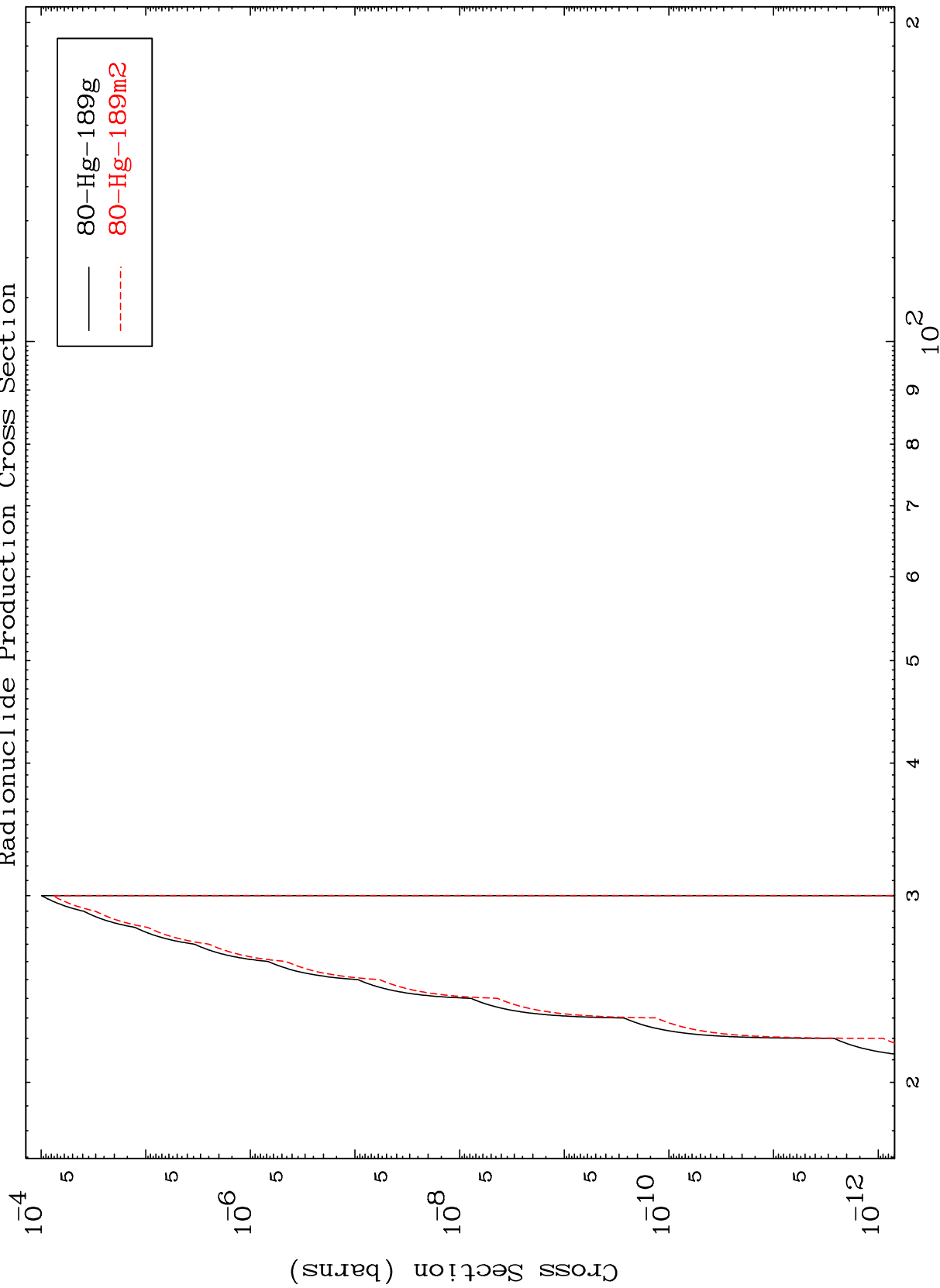
81-Tl-192

MAT 8092

(n,2n) d

81-T1-192

Radionuclide Production Cross Section



90

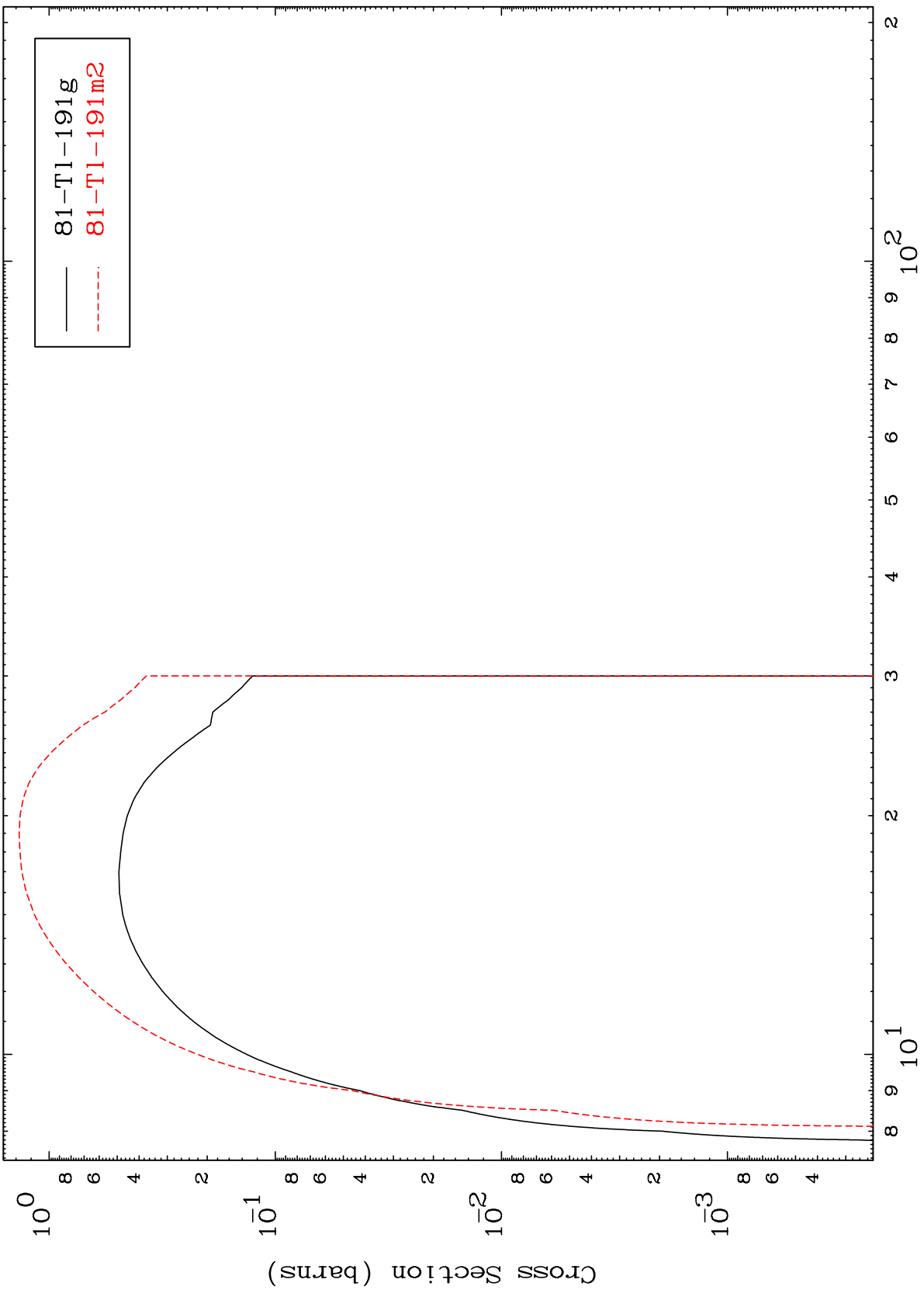
Incident Energy (MeV)

81-T1-192

MAT 8092

81-Tl-192

(n,2n)  
Radionuclide Production Cross Section



91

Incident Energy (MeV)

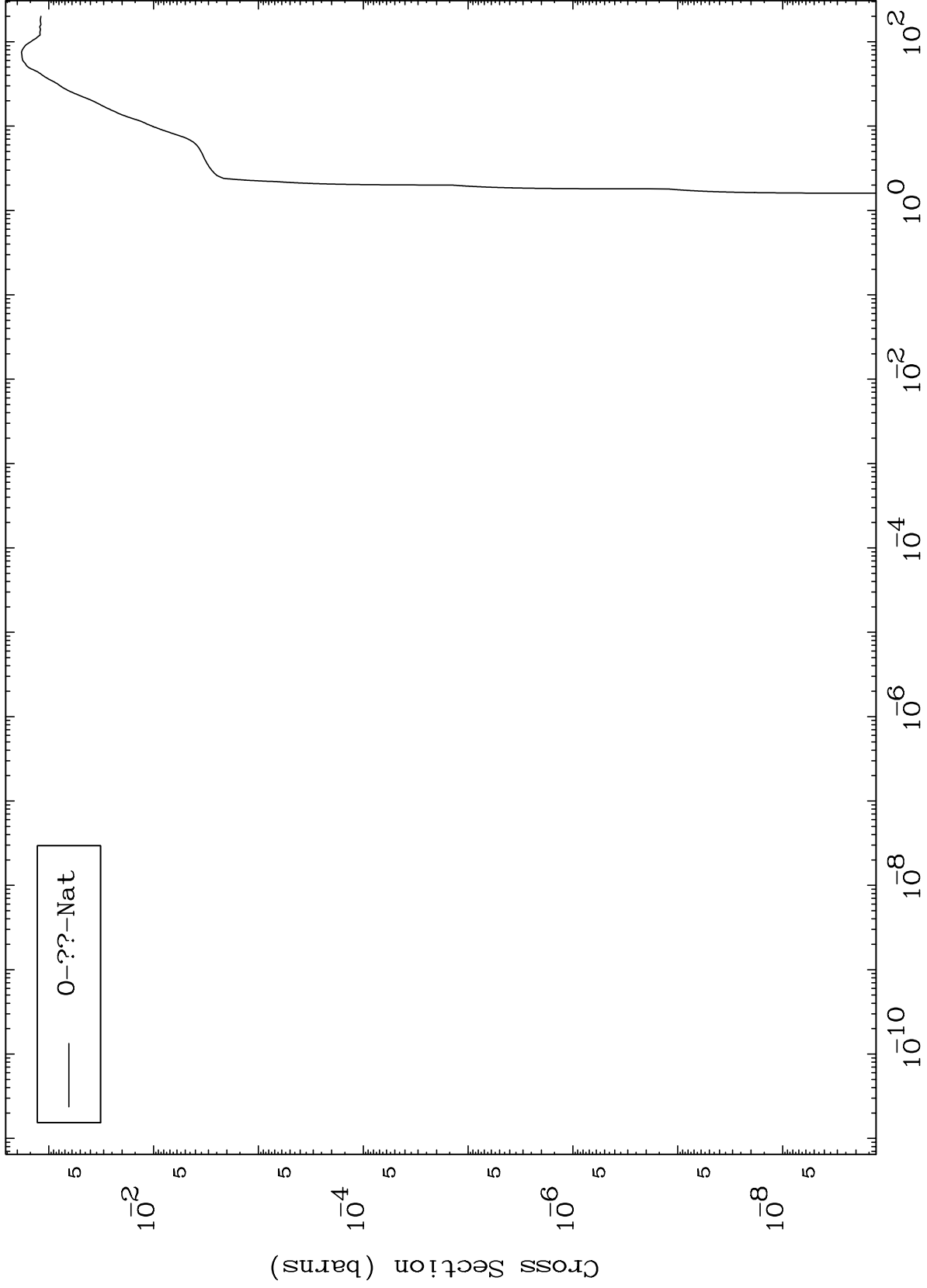
81-Tl-192

MAT 8092

Fission

81-Tl-192

Radionuclide Production Cross Section



0-??-Nat

92

Incident Energy (MeV)

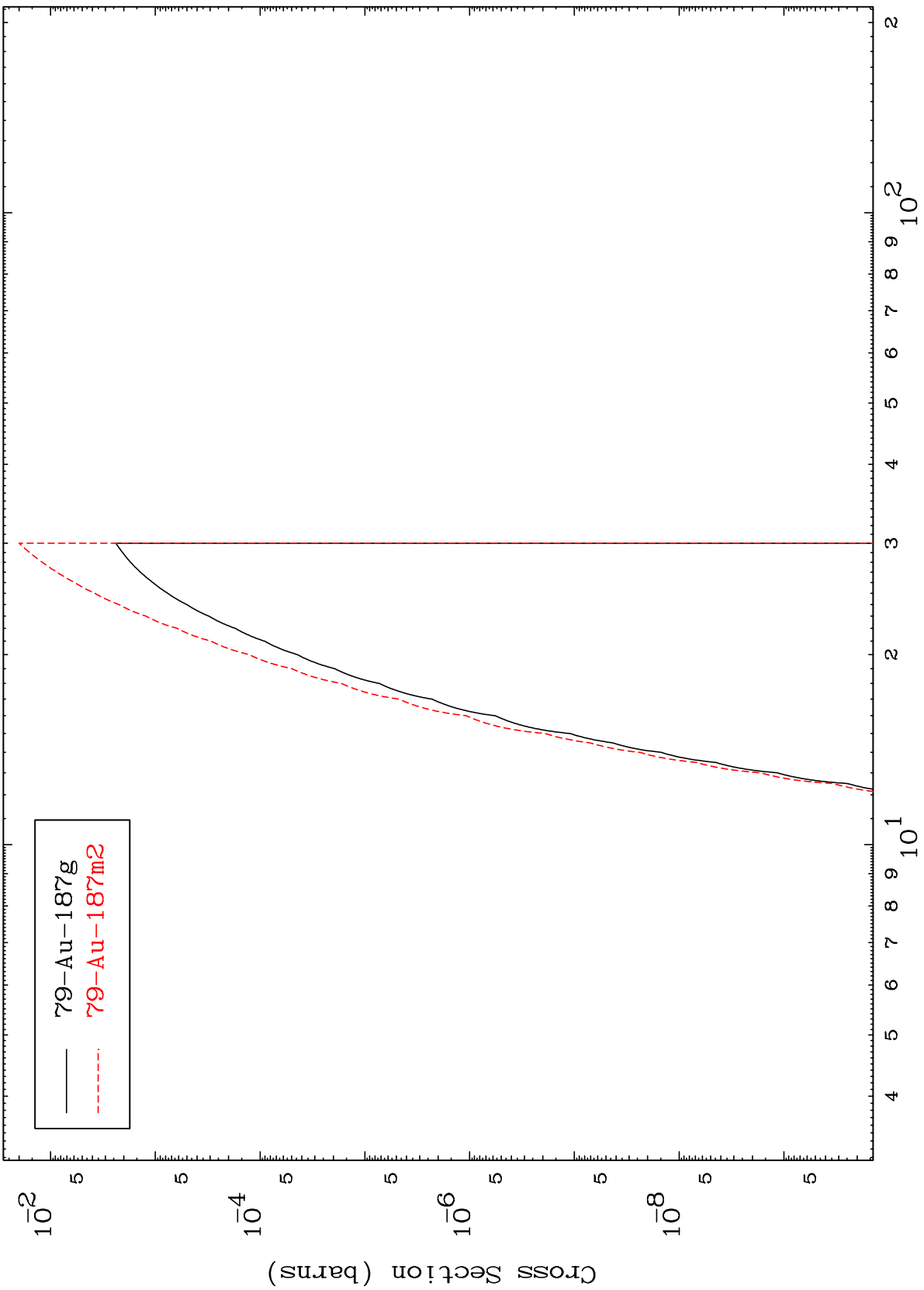
81-Tl-192

MAT 8092

81-Tl-192

(n,2n)  $\alpha$

Radionuclide Production Cross Section



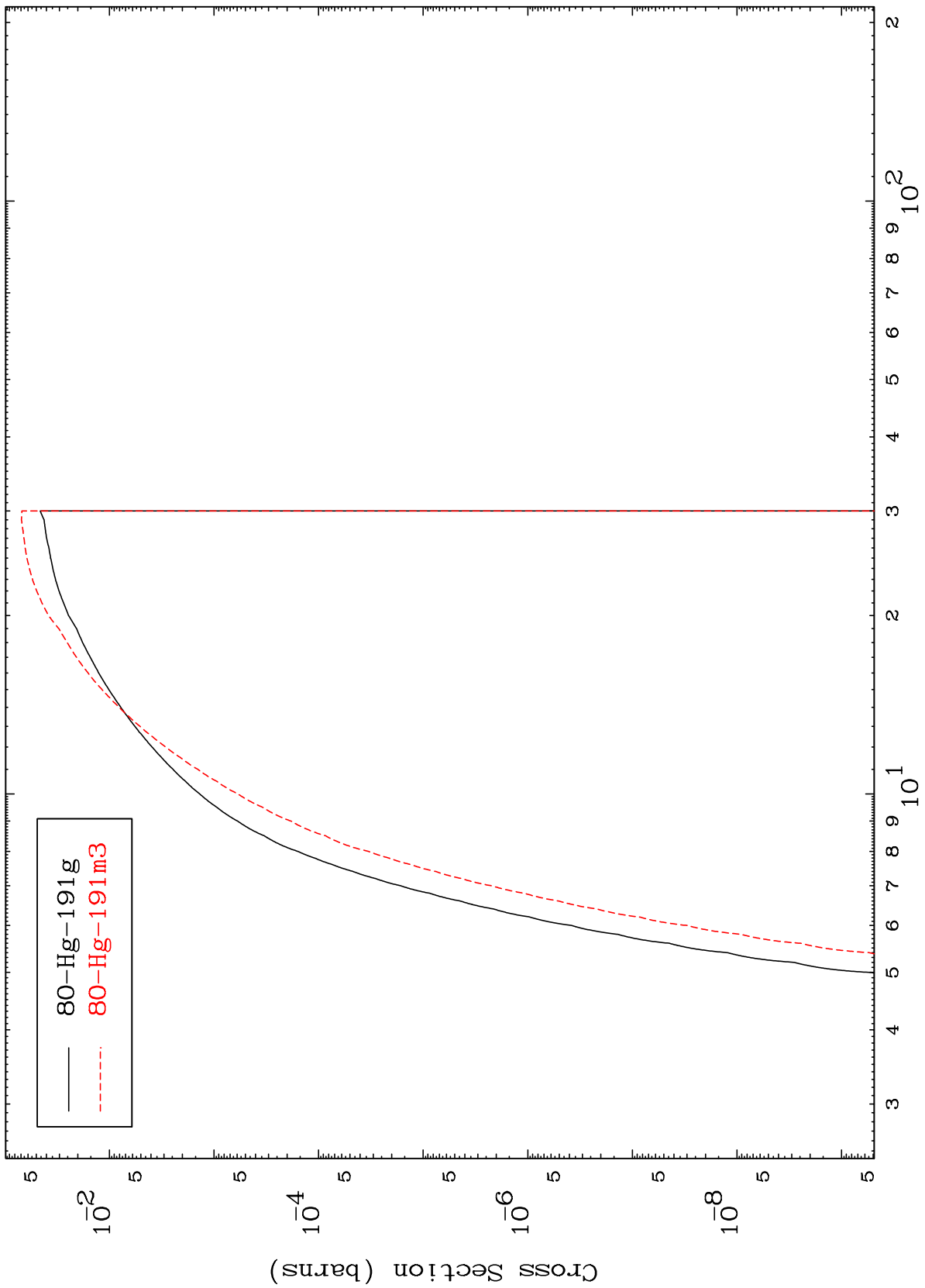
— 79-Au-187g  
- - - 79-Au-187m2

MAT 8092

(n,n') p

81-Tl-192

Radionuclide Production Cross Section



94

Incident Energy (MeV)

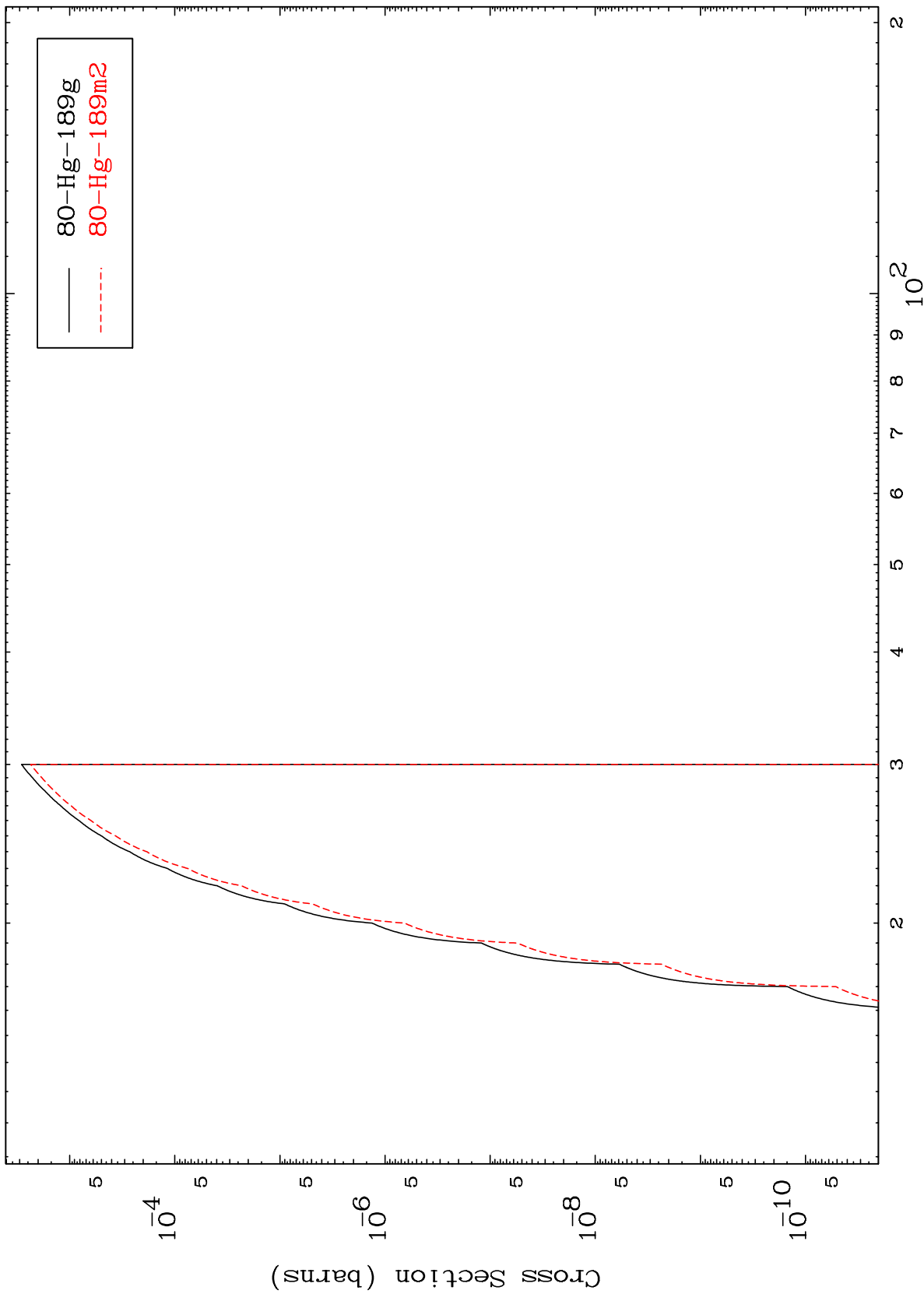
81-Tl-192

MAT 8092

(n,n') t

81-T1-192

Radionuclide Production Cross Section



95

Incident Energy (MeV)

81-T1-192

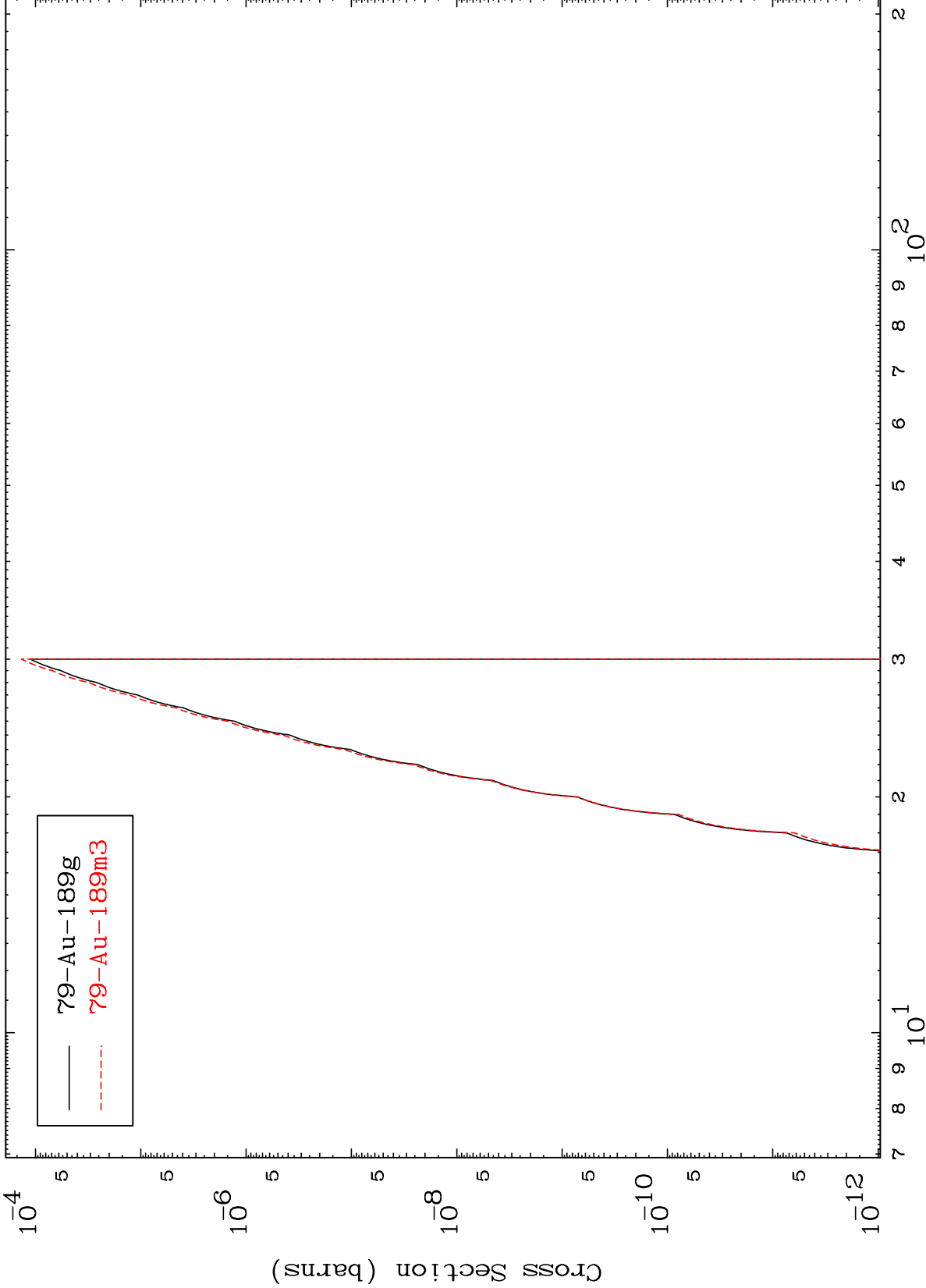


MAT 8092

(n,n') He-3

81-T1-192

Radionuclide Production Cross Section



79-Au-189g  
79-Au-189m3

96

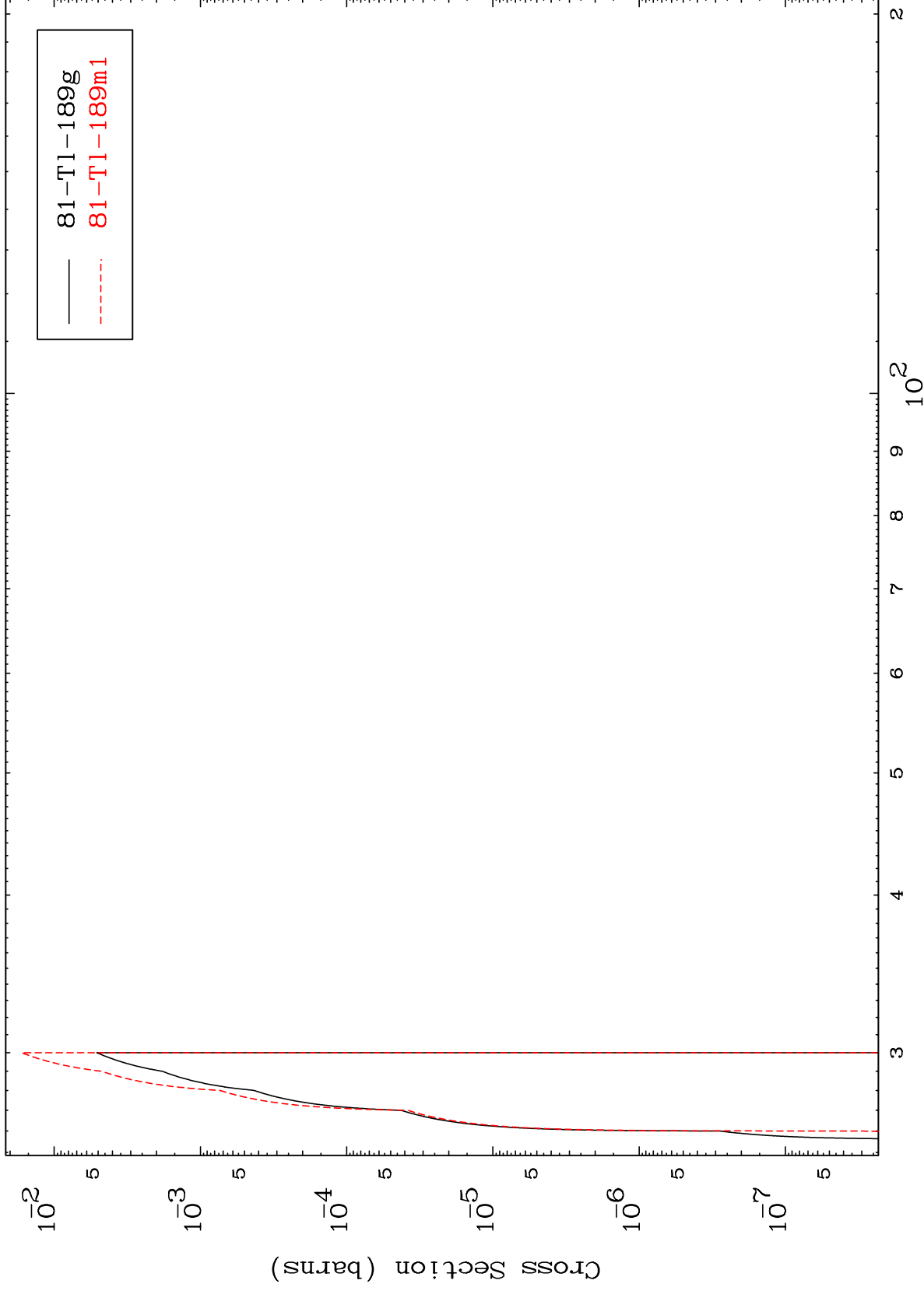
Incident Energy (MeV)

81-T1-192

MAT 8092

81-Tl-192

(n,4n)  
Radionuclide Production Cross Section



97

81-Tl-192

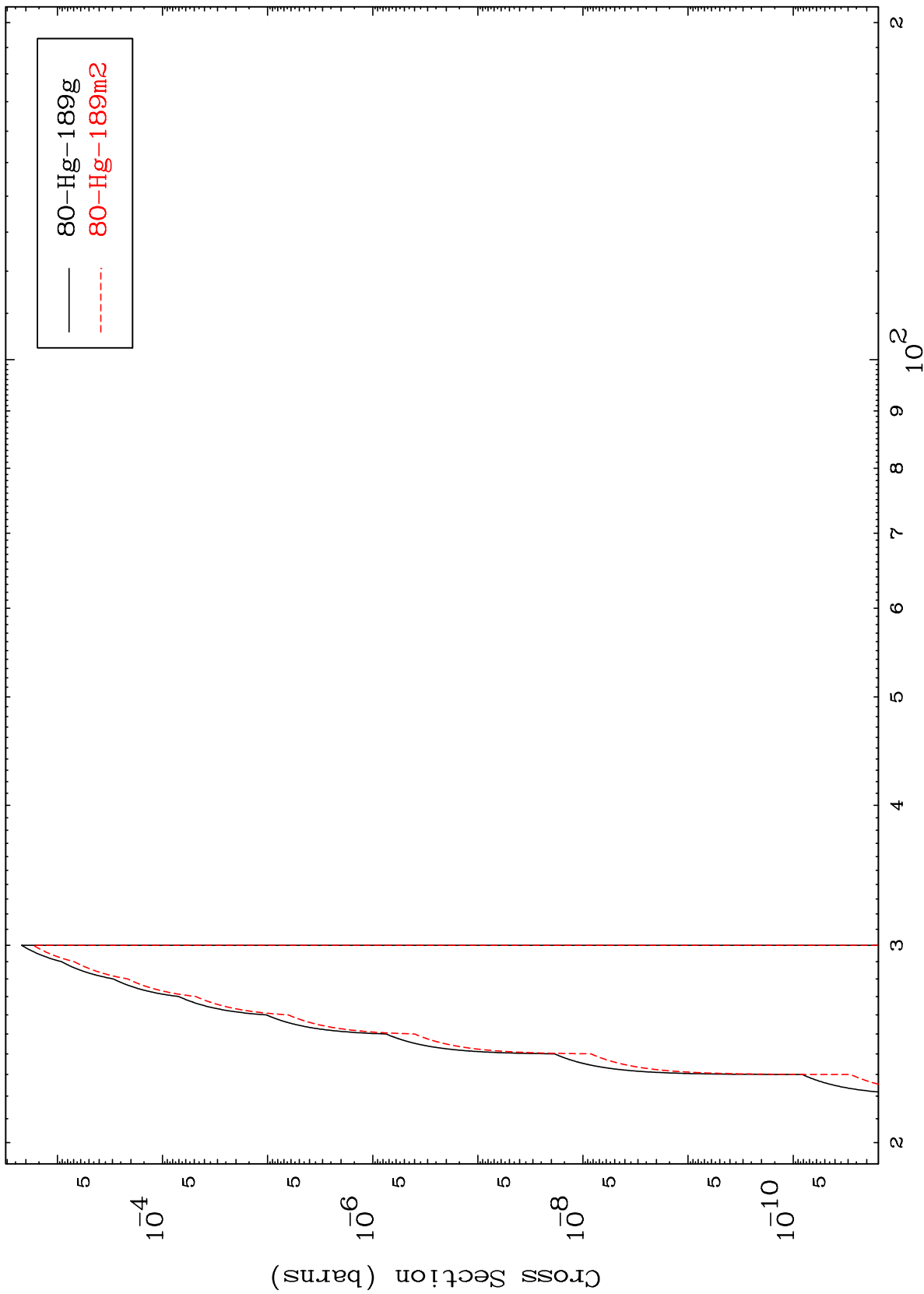
Incident Energy (MeV)

MAT 8092

(n,3n) p

81-T1-192

Radionuclide Production Cross Section

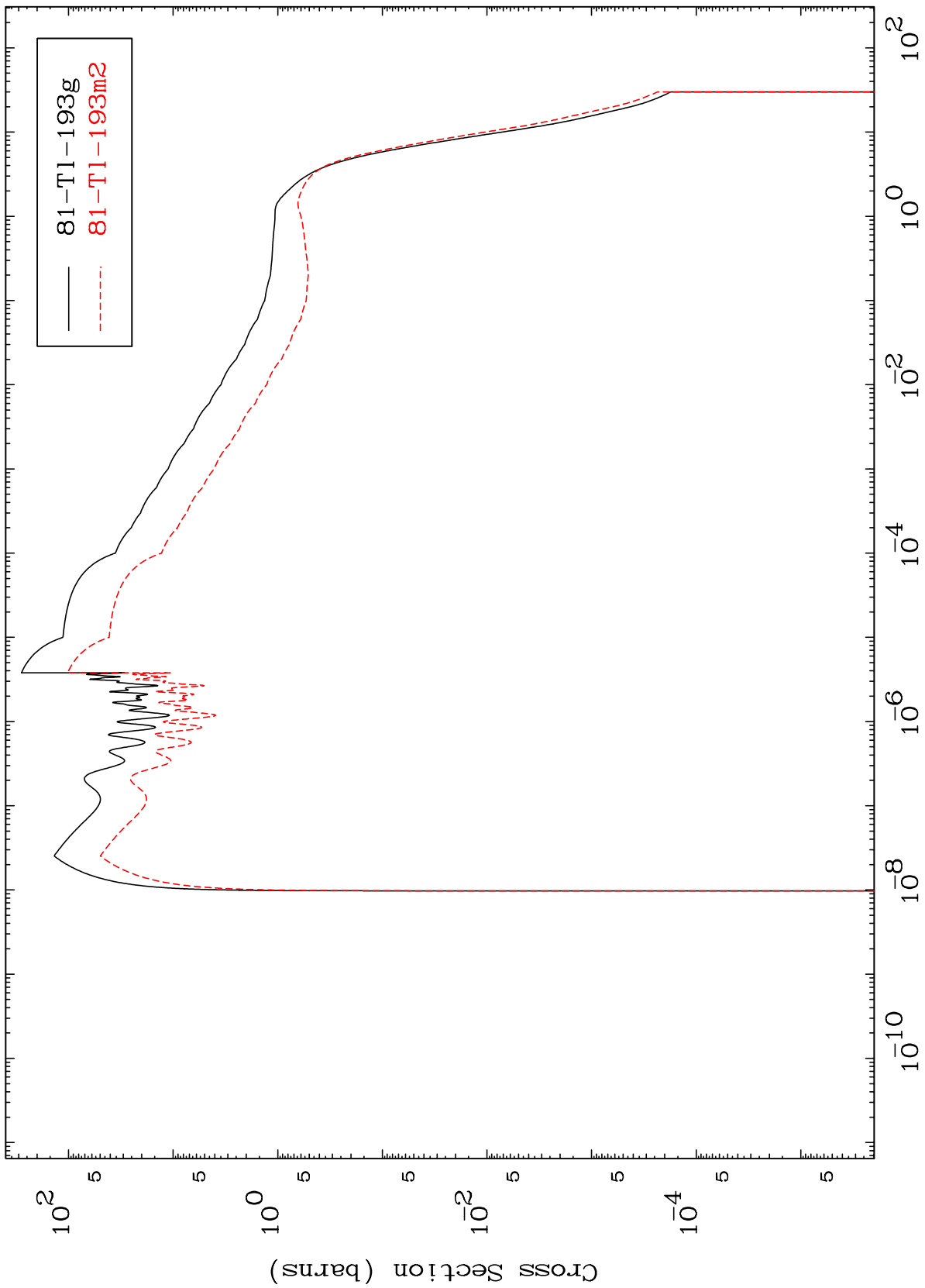


98

Incident Energy (MeV)

81-T1-192

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

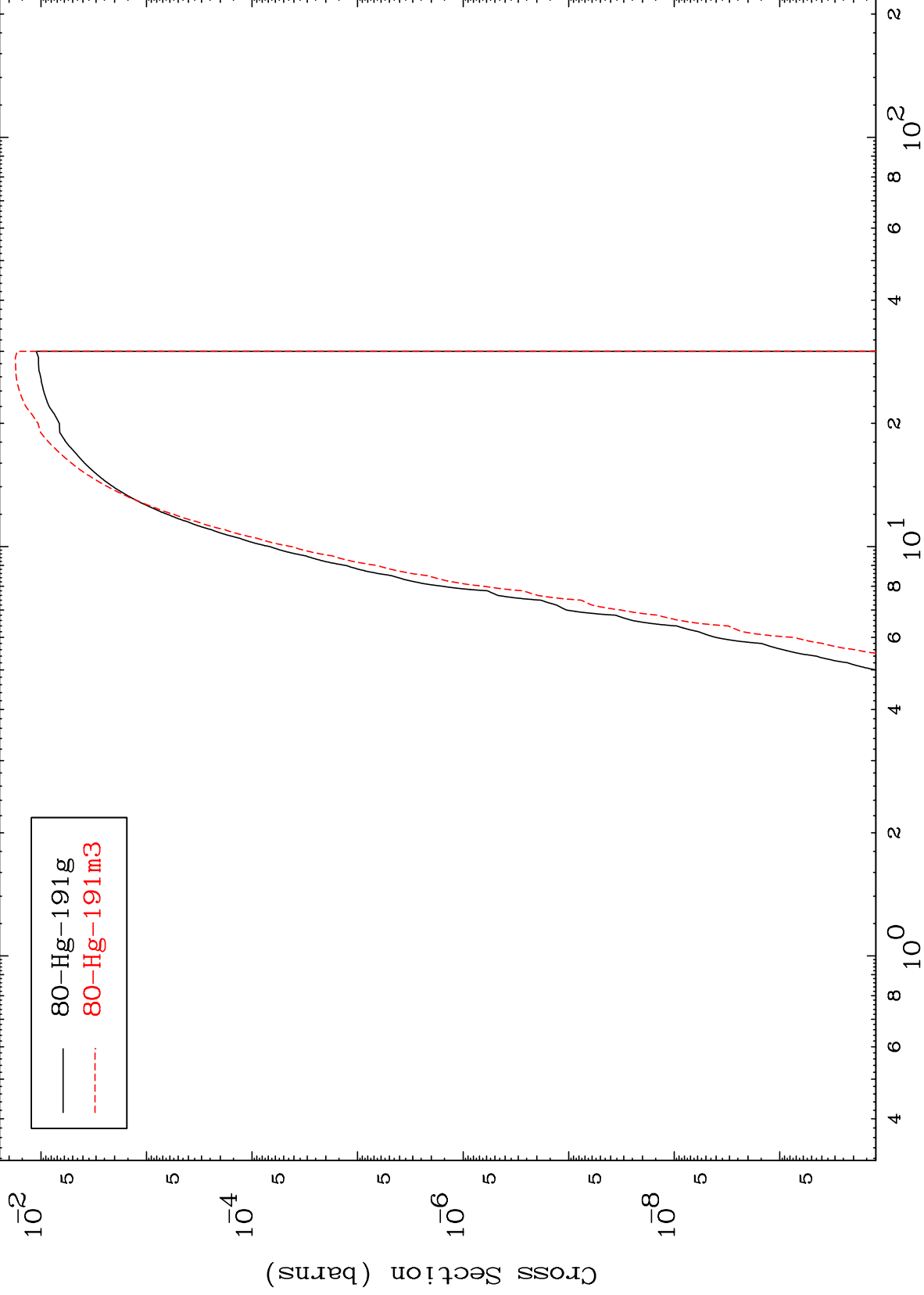


MAT 8092

(n,d)

81-Tl-192

Radionuclide Production Cross Section



100

Incident Energy (MeV)

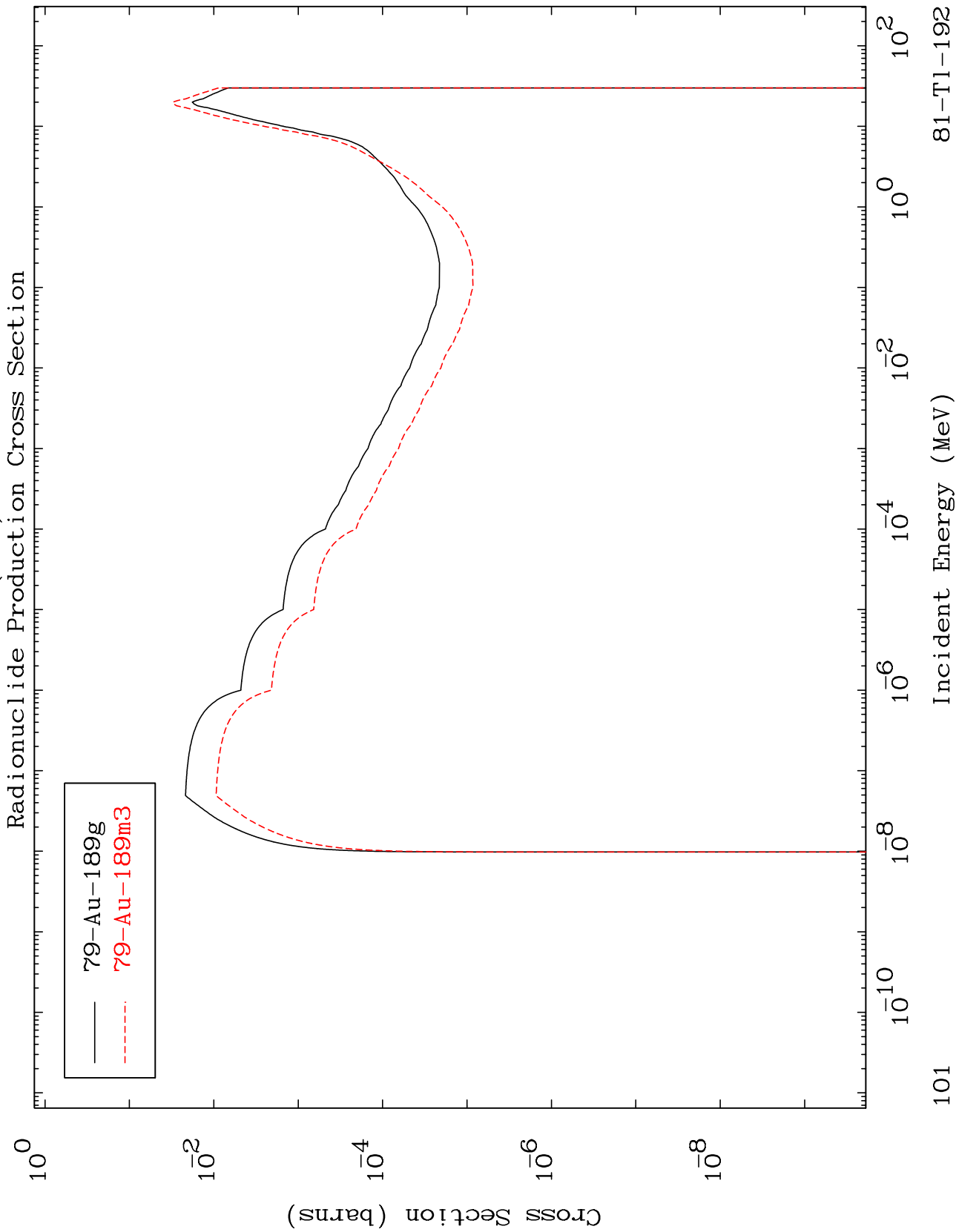
81-Tl-192

MAT 8092

81-Tl-192

Radionuclide Production Cross Section

(n,  $\alpha$ )



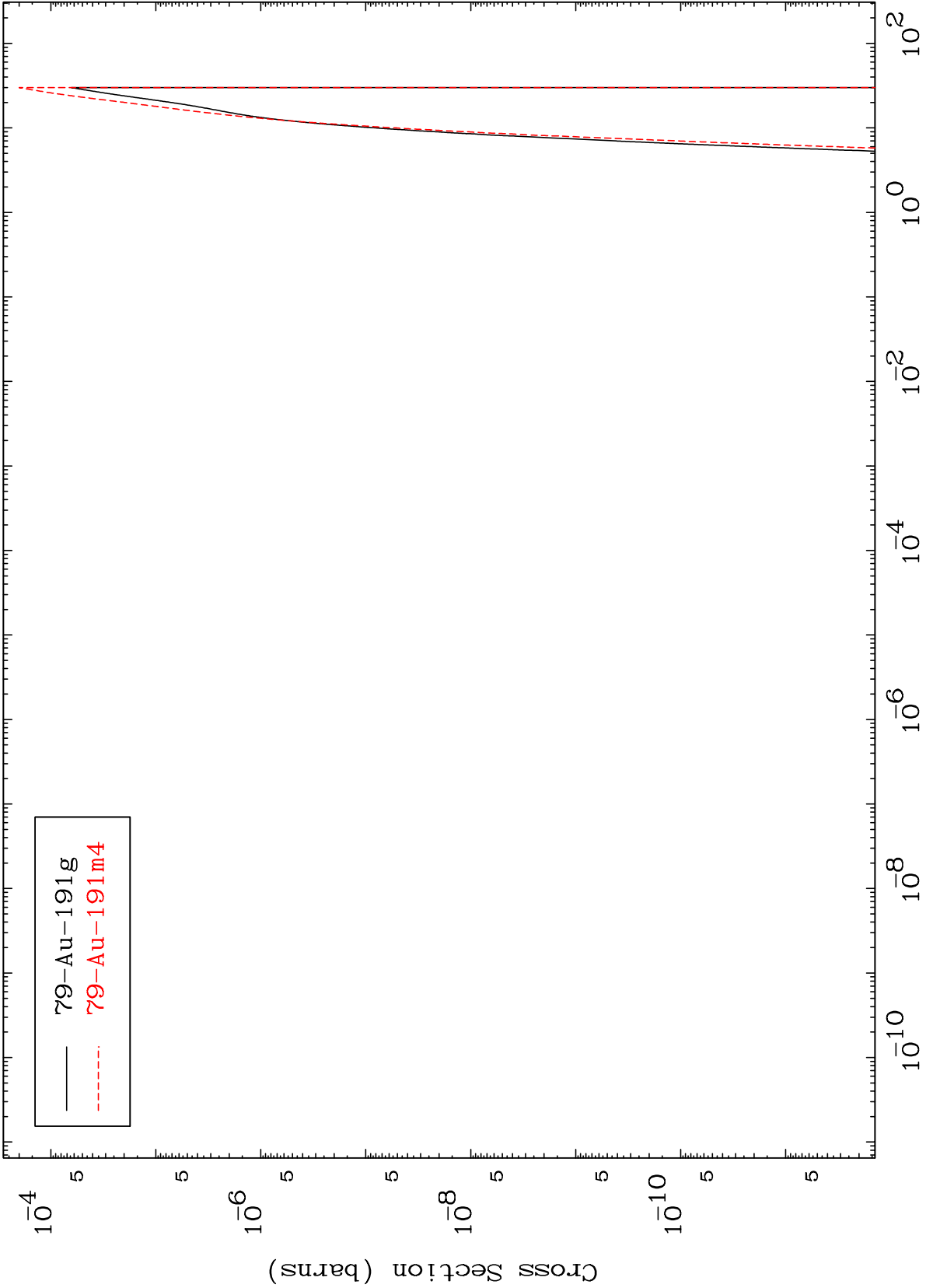
101

MAT 8092

(n,2p)

81-Tl-192

Radionuclide Production Cross Section



— <sup>79</sup>Au-191g  
- - - <sup>79</sup>Au-191m4

102

Incident Energy (MeV)

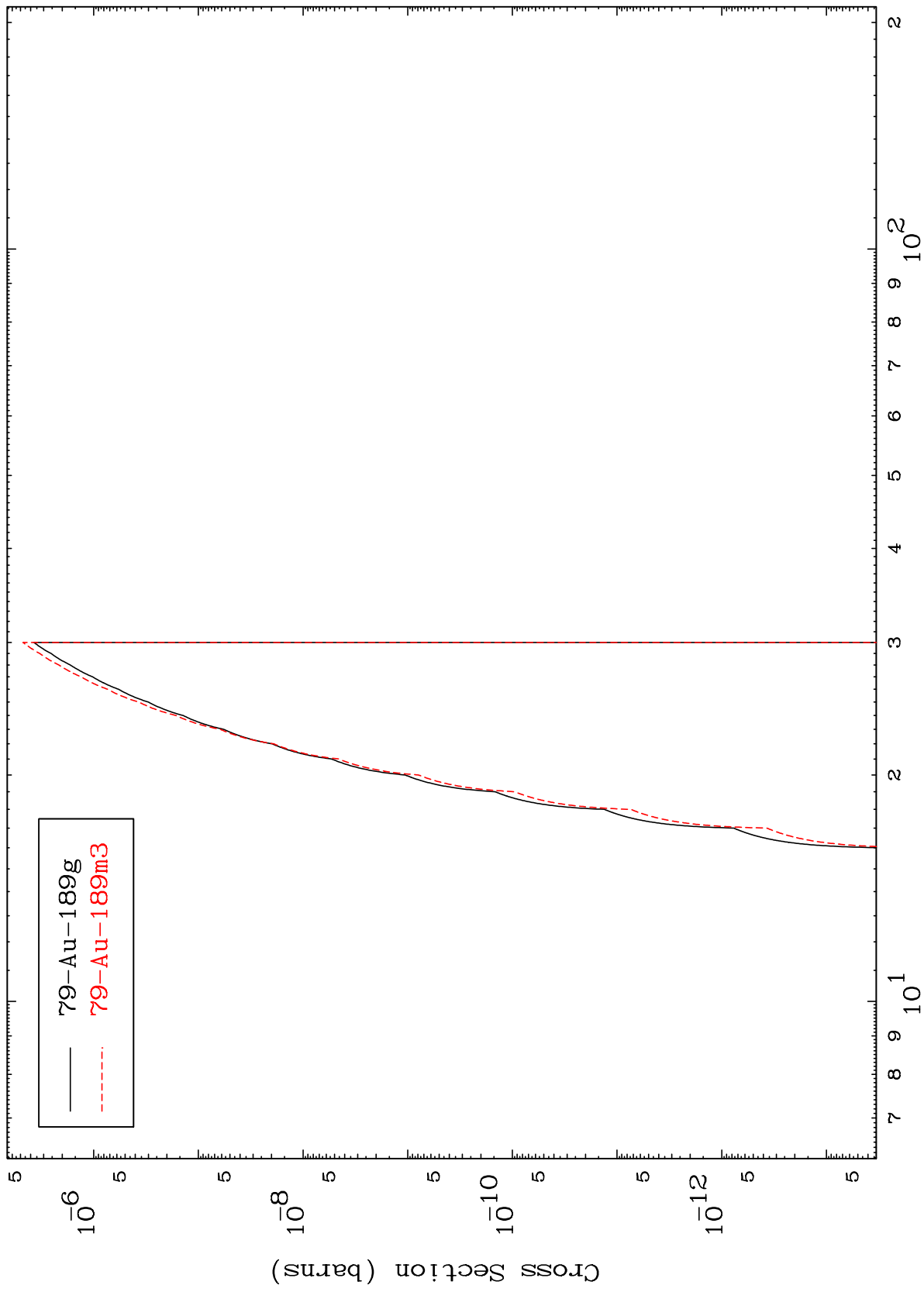
81-Tl-192

MAT 8092

(n,p) t

81-Tl-192

Radionuclide Production Cross Section



103

Incident Energy (MeV)

81-Tl-192