

Program EVALPLOT  
(Version 2017-1)

by

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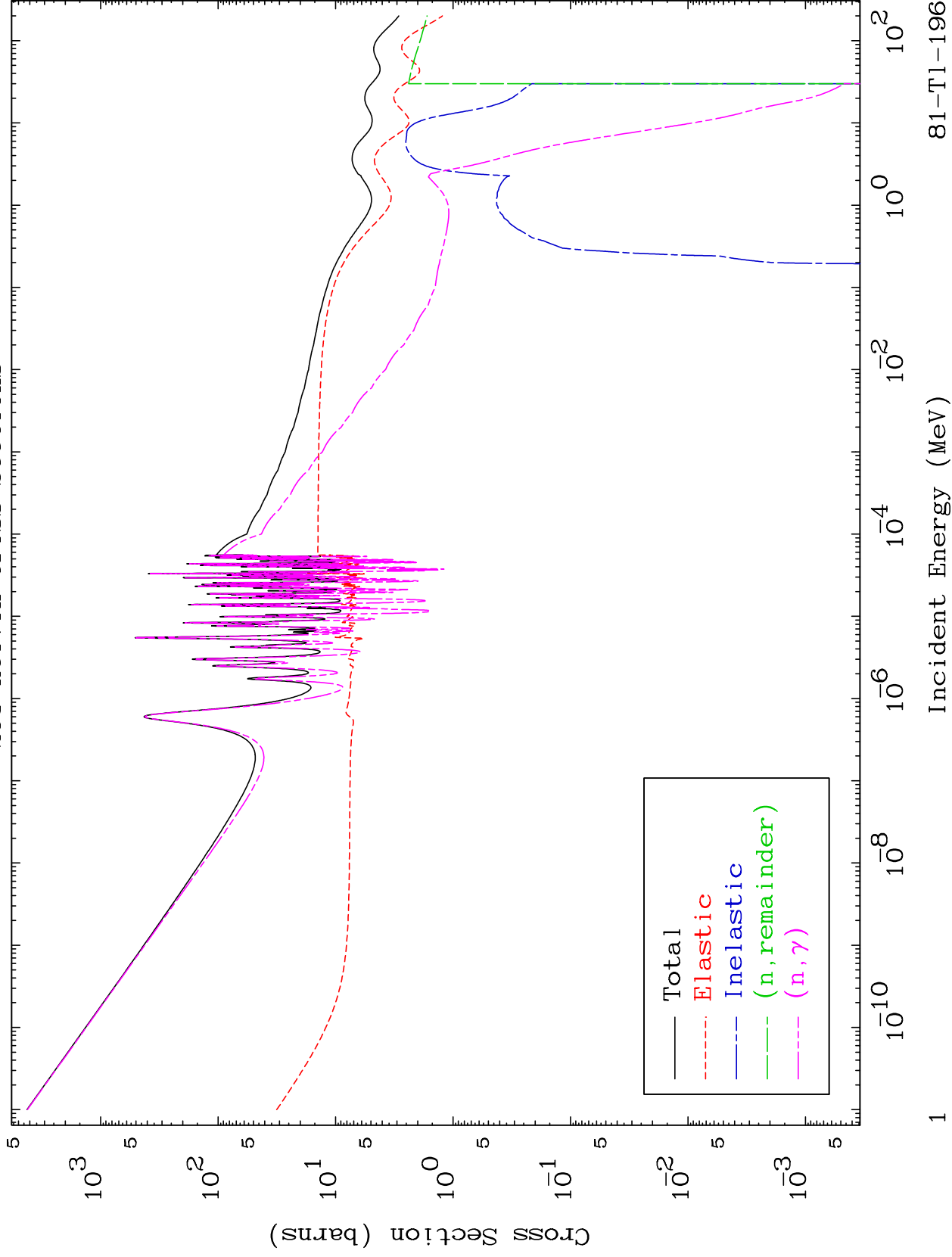
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Press Mouse Button to Start

MAT 8104

Major  
293 Kelvin Cross Sections

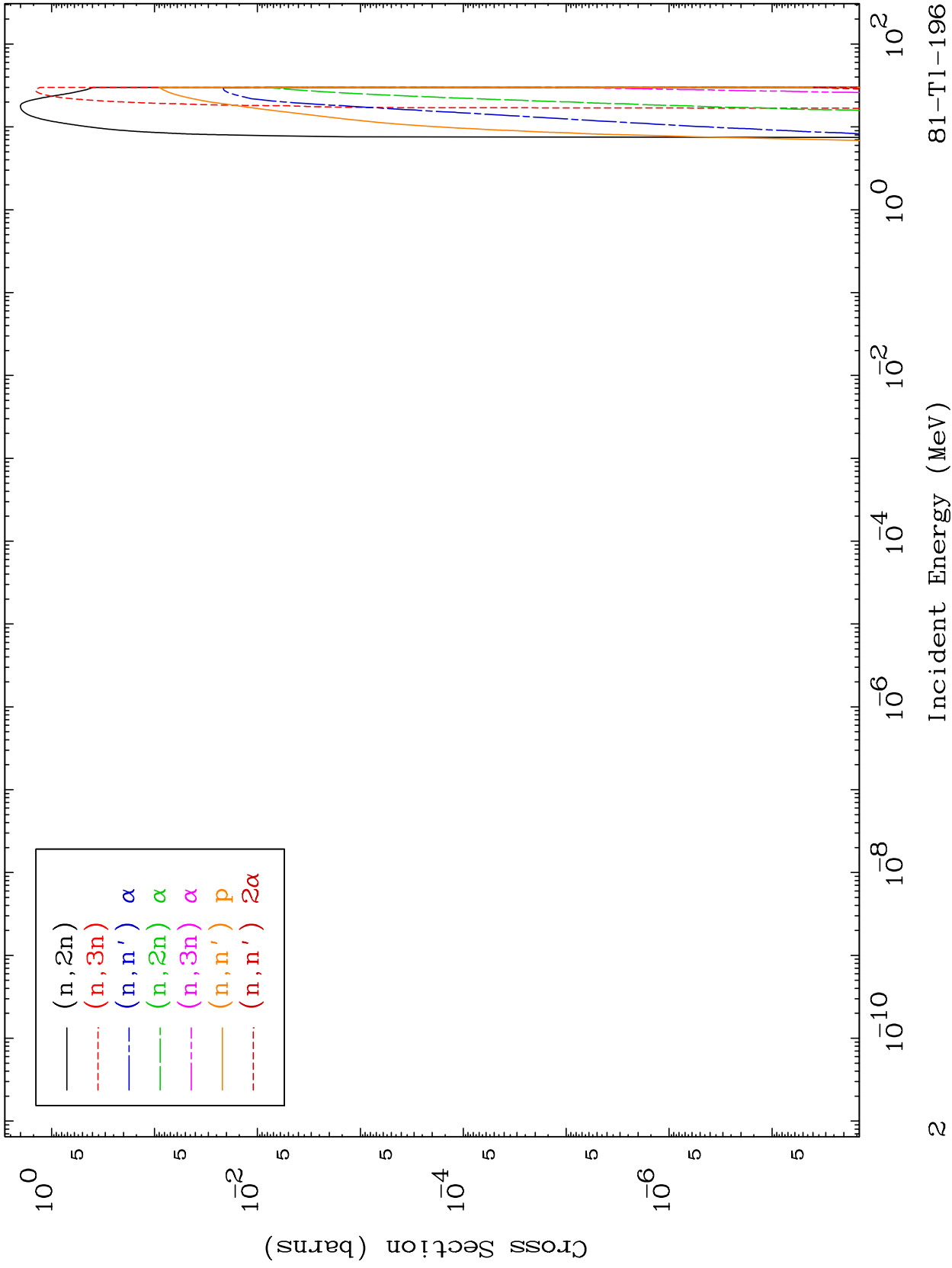
81-Tl-196

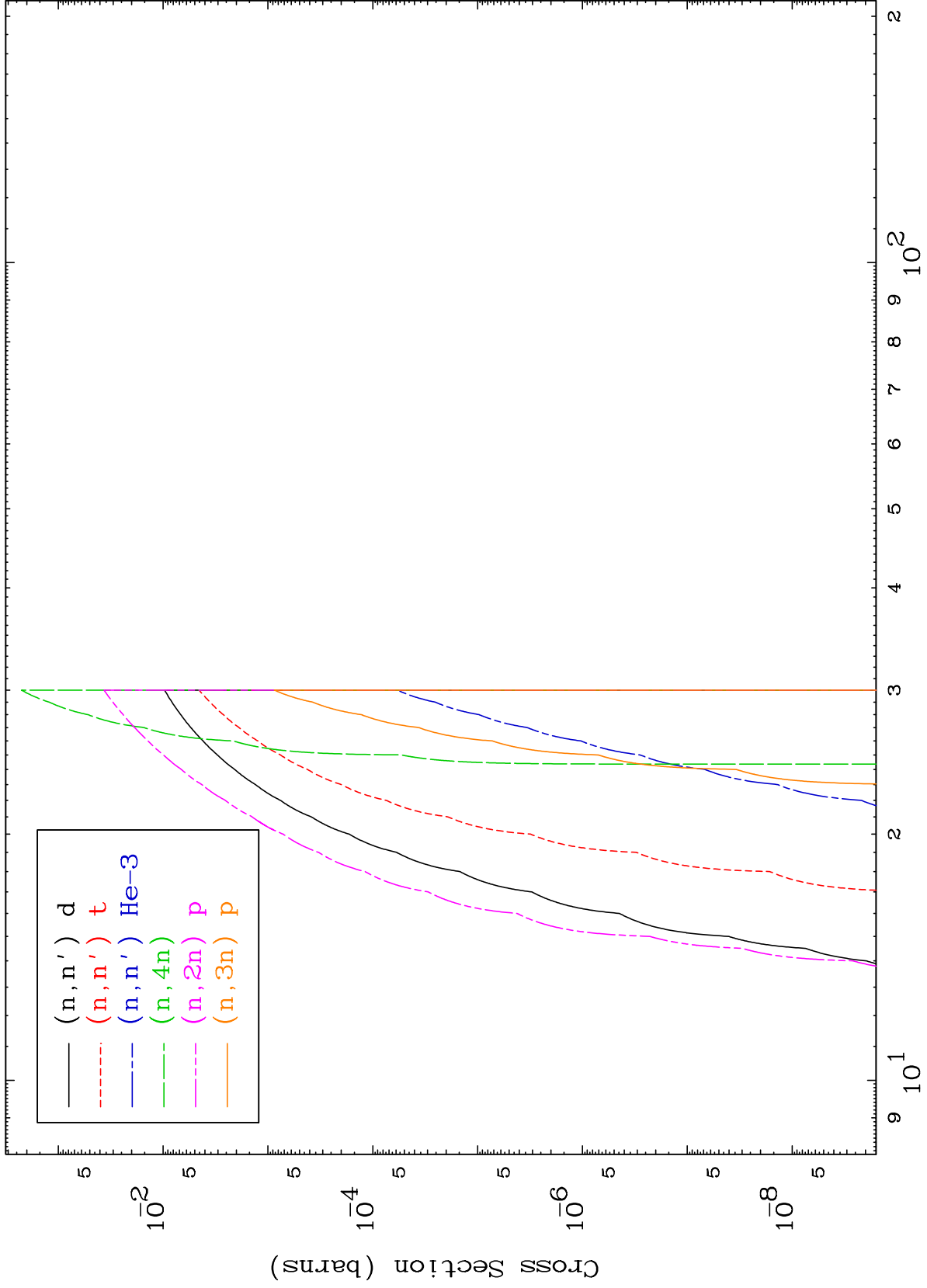


MAT 8104

Neutron Production  
293 Kelvin Cross Sections

81-Tl-196

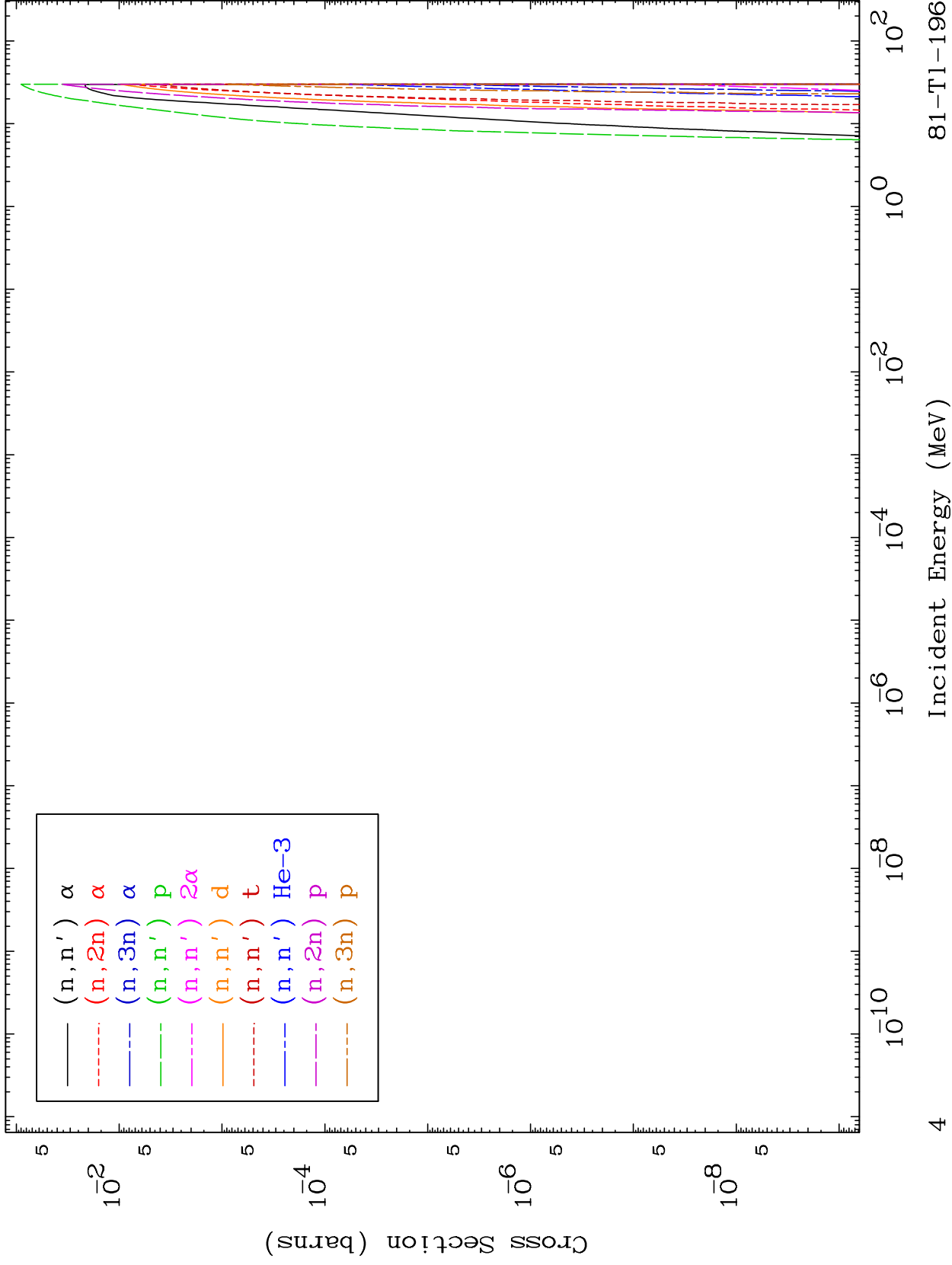




MAT 8104

Charged Particle  
293 Kelvin Cross Sections

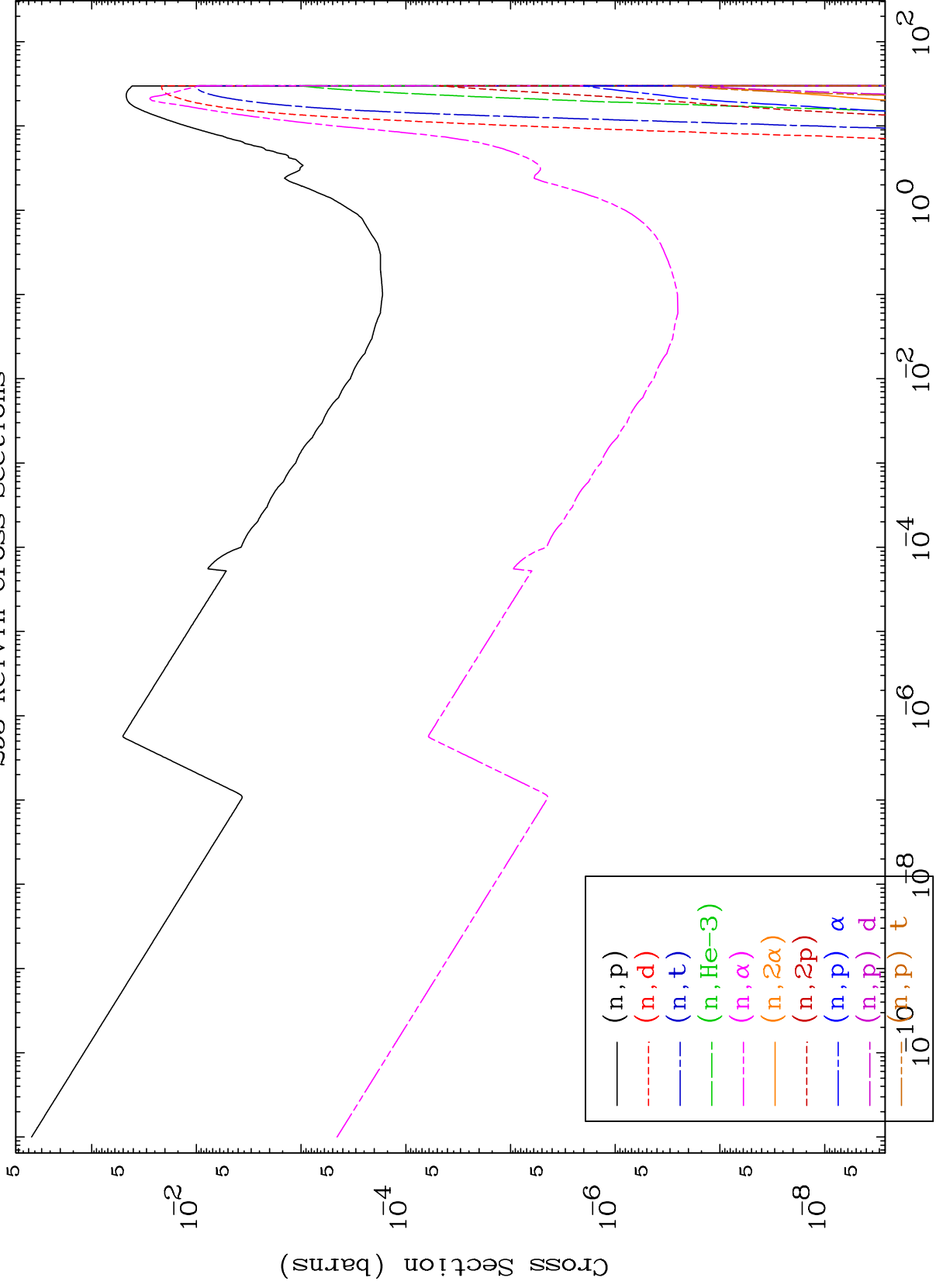
81-Tl-196



MAT 8104

Charged Particle  
293 Kelvin Cross Sections

81-Tl-196



5

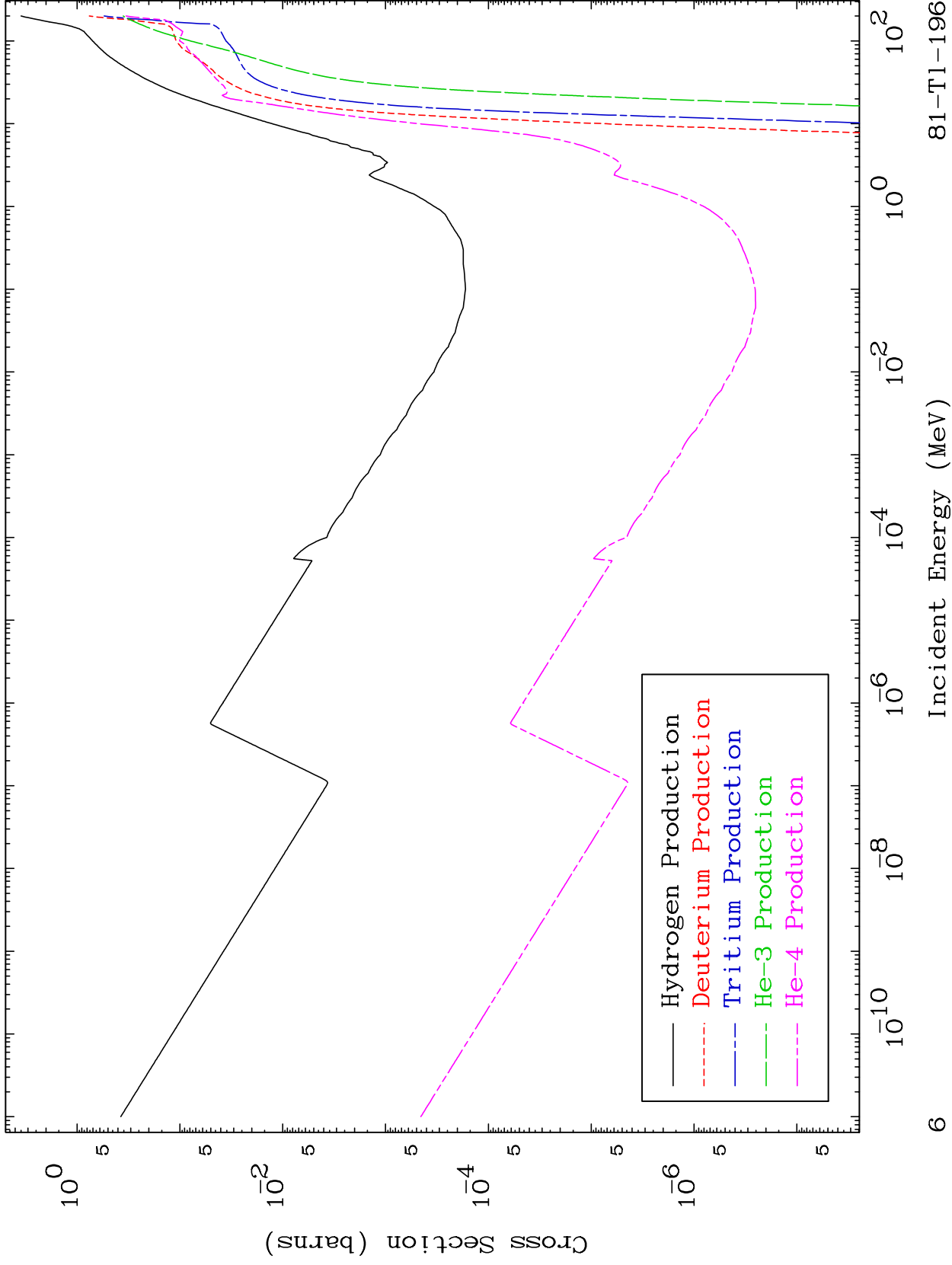
Incident Energy (MeV)

81-Tl-196

MAT 8104

Particle Production  
293 Kelvin Cross Sections

81-T1-196

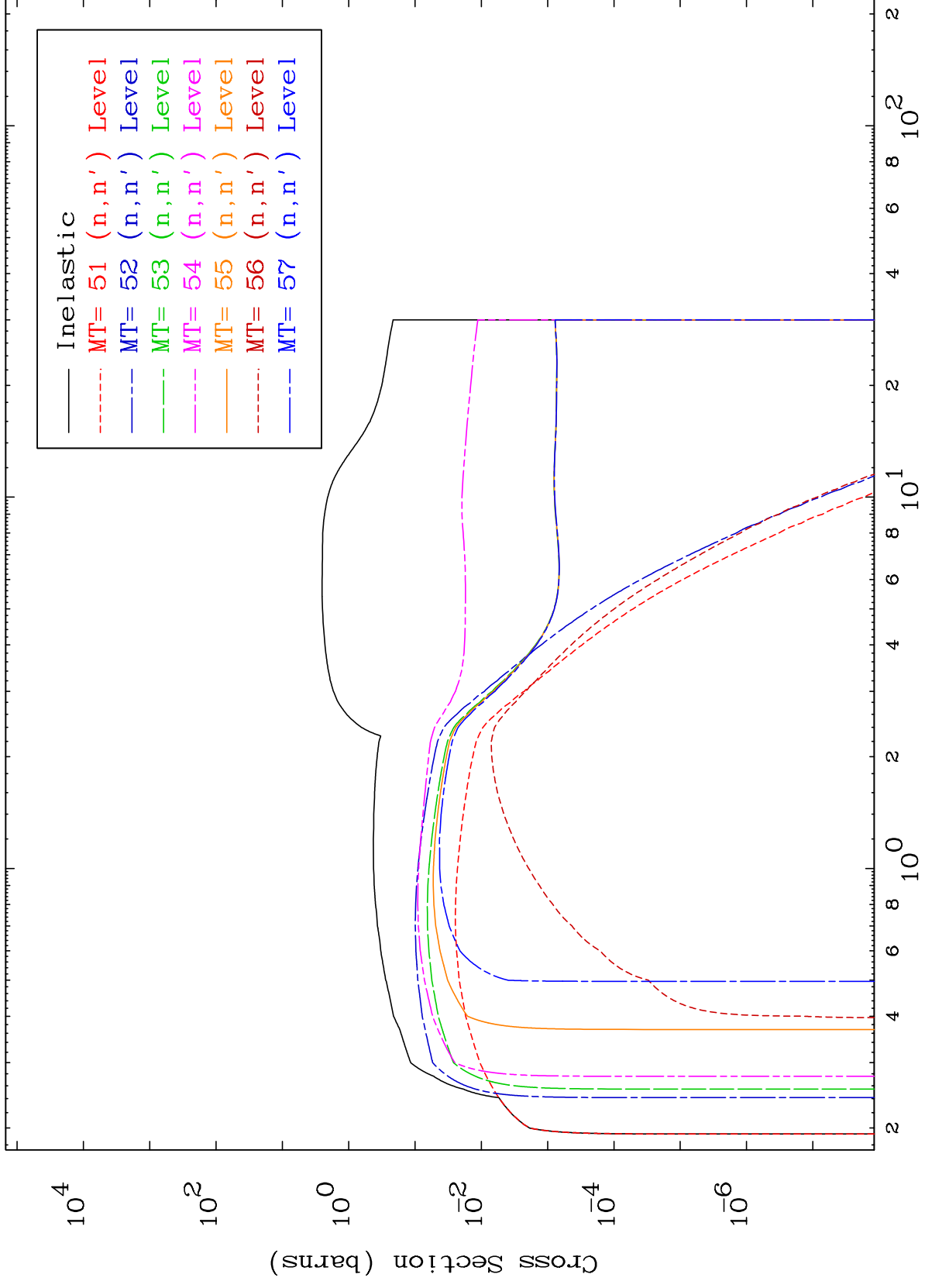


MAT 8104

(n,n') Level

81-Tl-196

293 Kelvin Cross Sections



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Incident Energy (MeV)

81-Tl-196

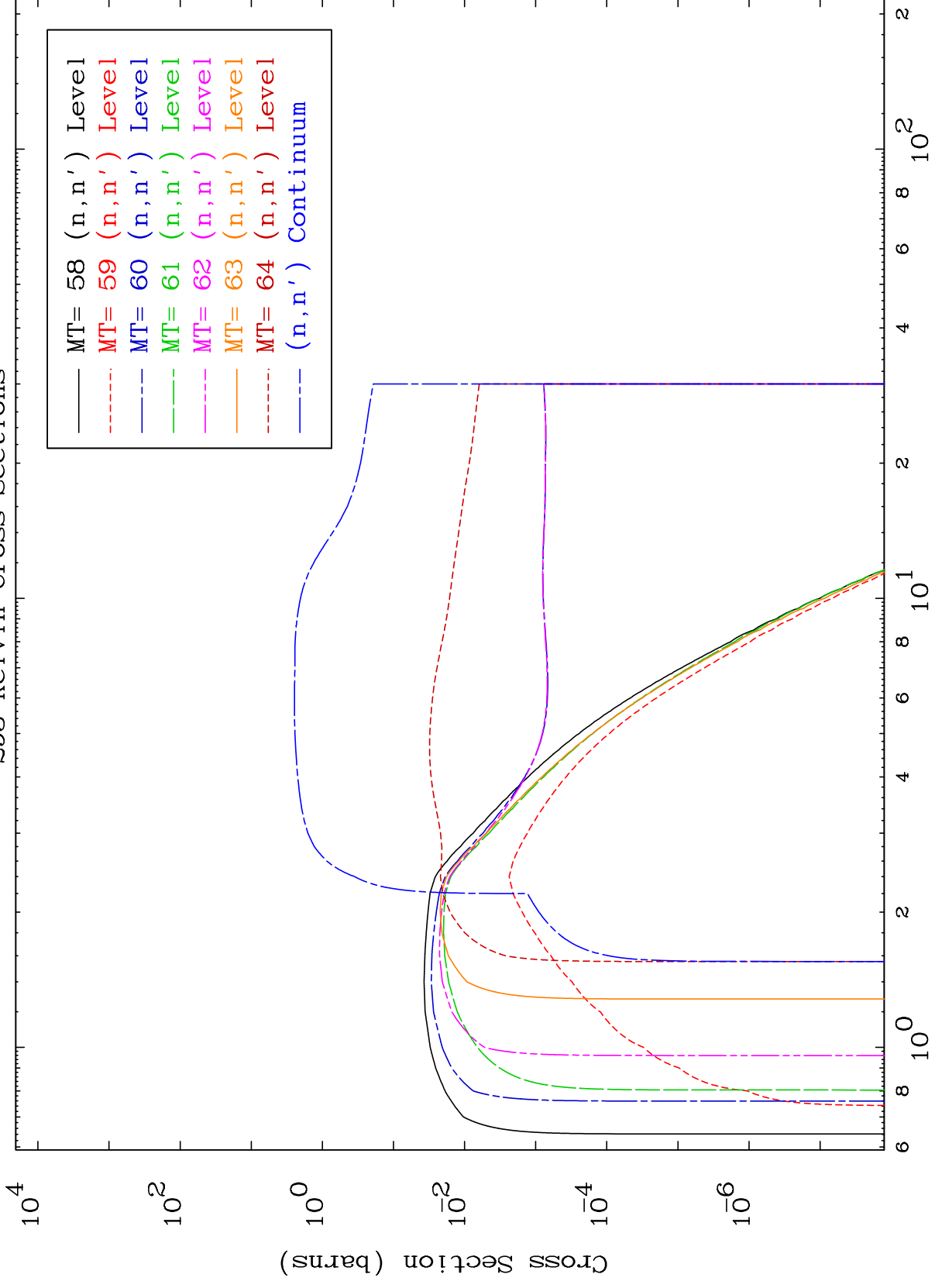


MAT 8104

(n,n') Level

81-Tl-196

293 Kelvin Cross Sections



Incident Energy (MeV)

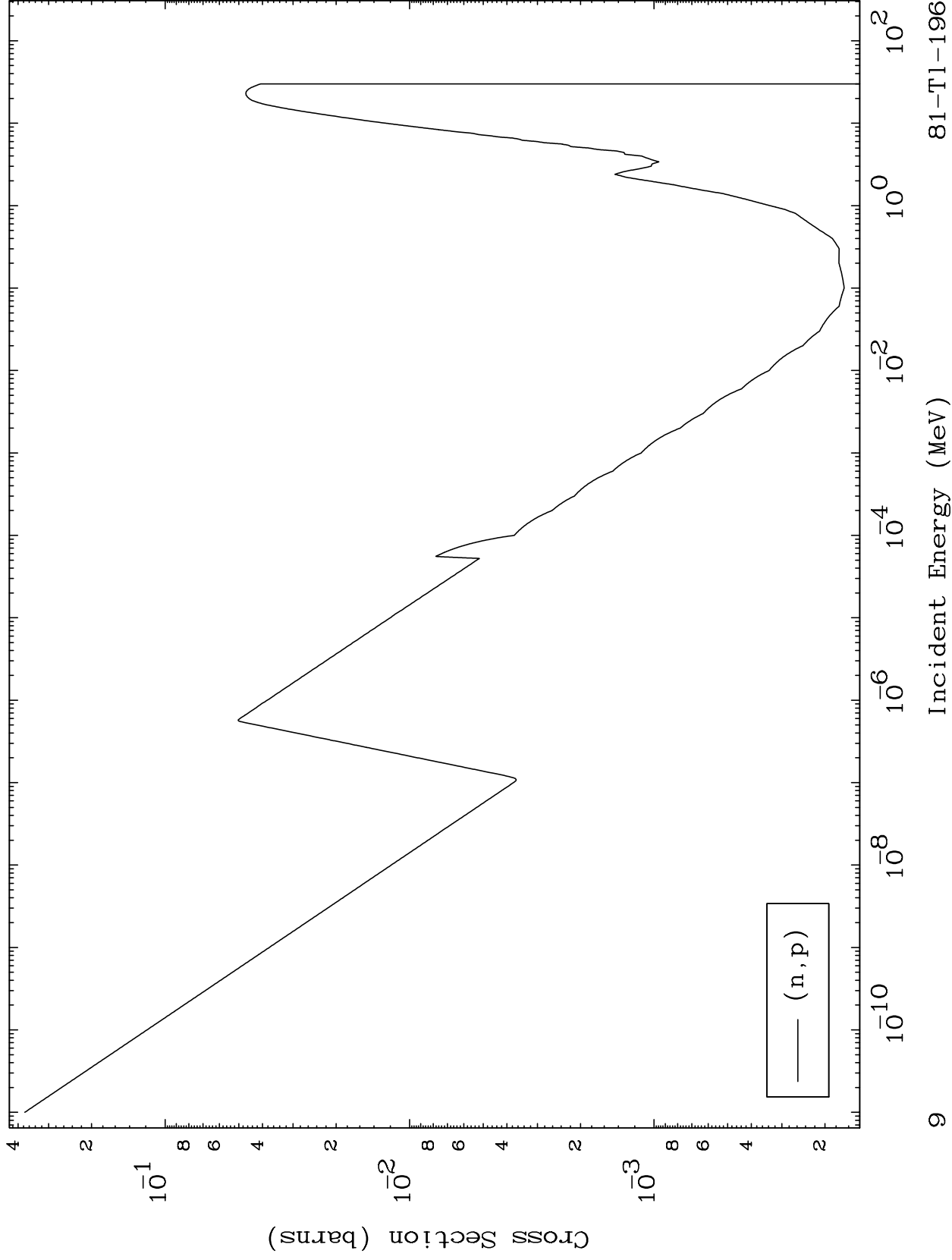
81-Tl-196

8

MAT 8104

(n,p) Levels  
293 Kelvin Cross Sections

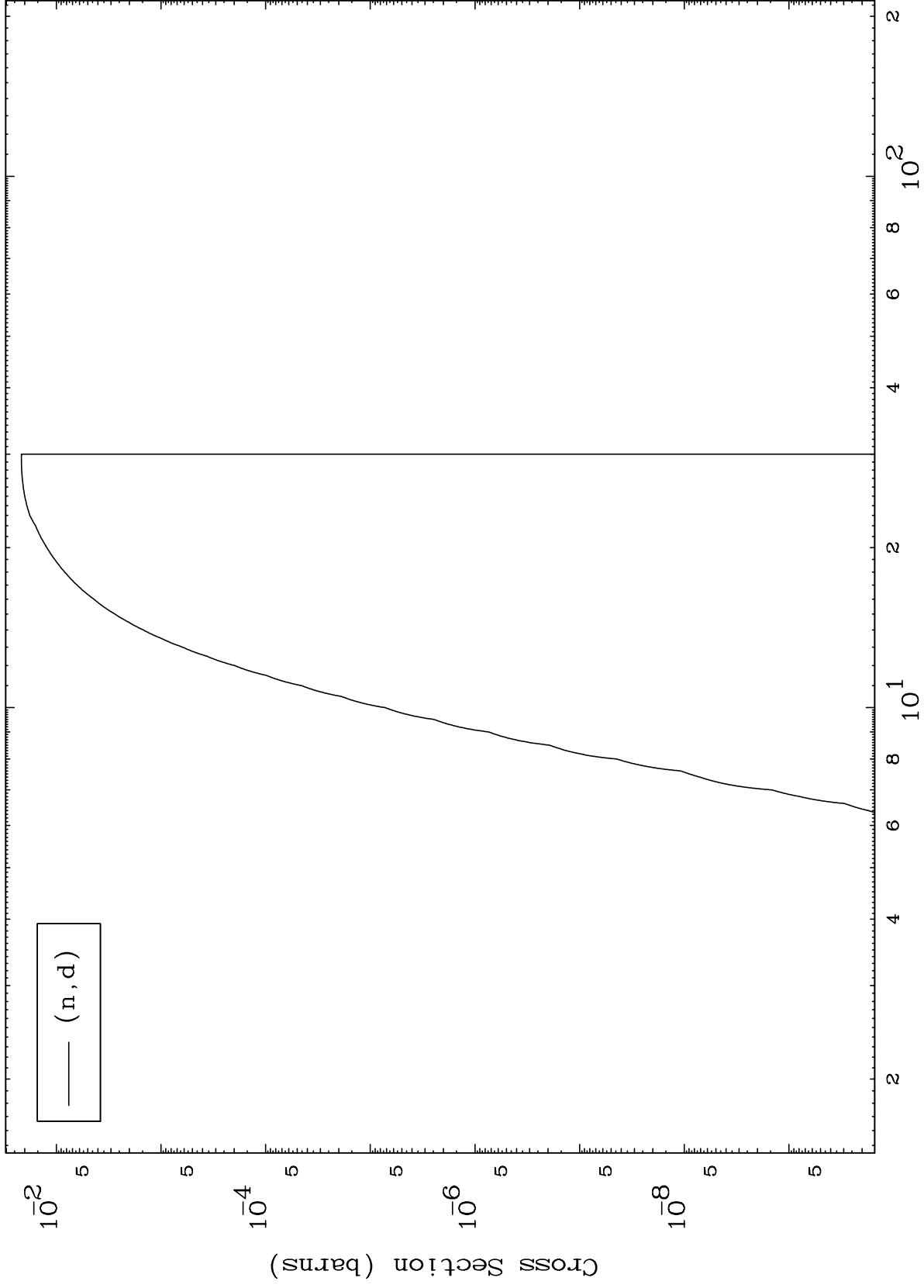
81-Tl-196



MAT 8104

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-196



10

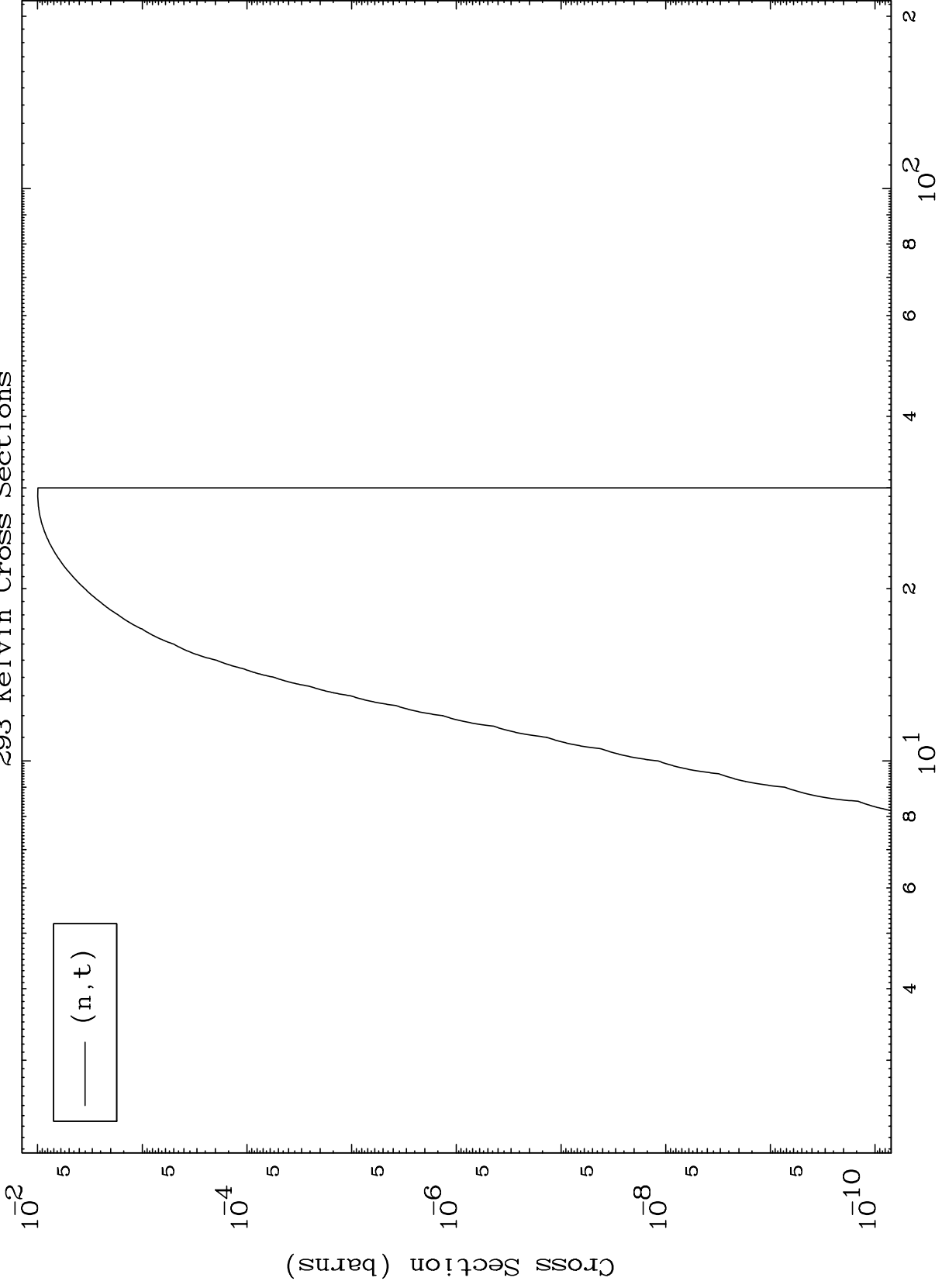
Incident Energy (MeV)

81-Tl-196

MAT 8104

(n,t) Levels  
293 Kelvin Cross Sections

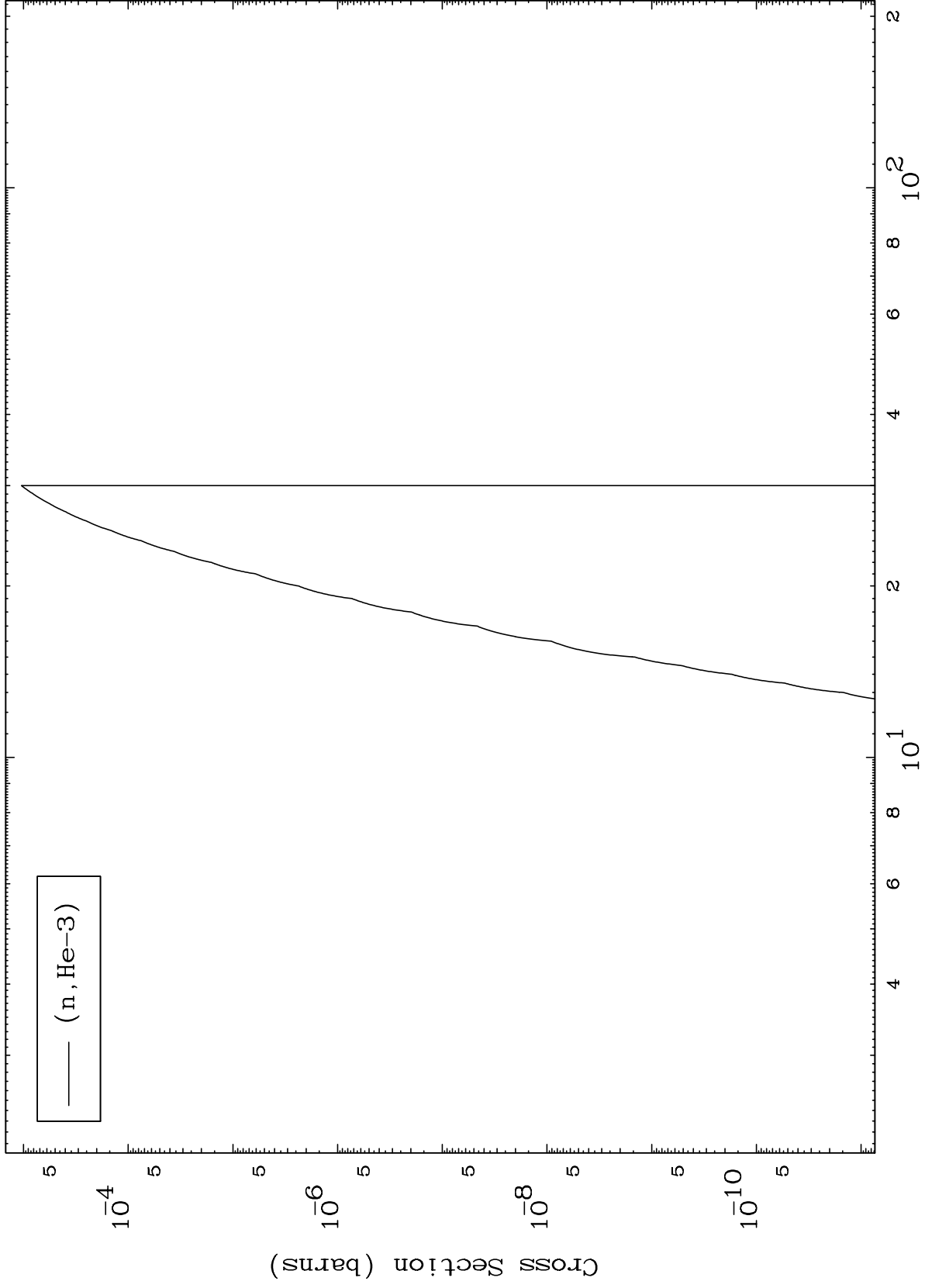
81-T1-196



MAT 8104

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-196



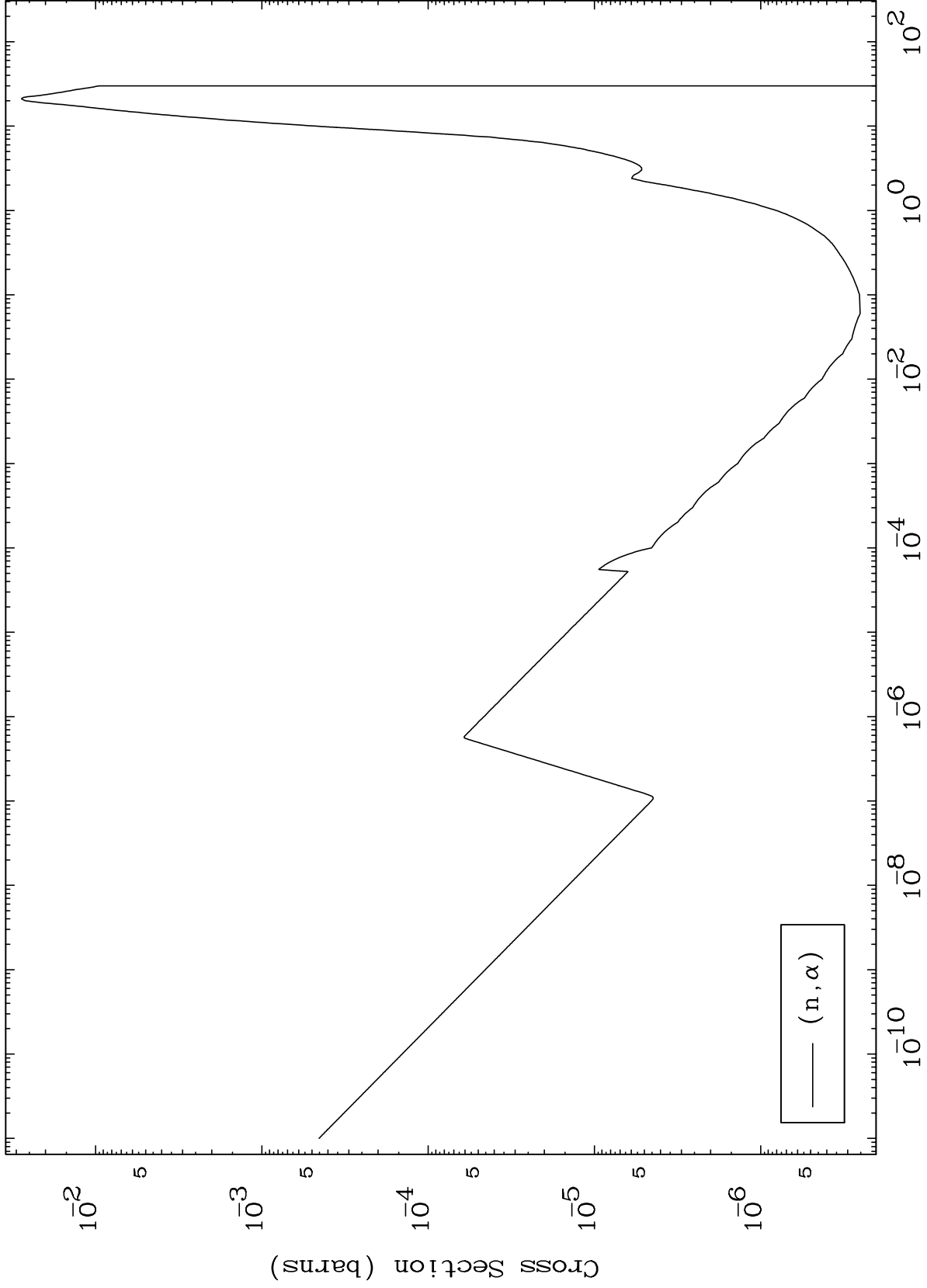
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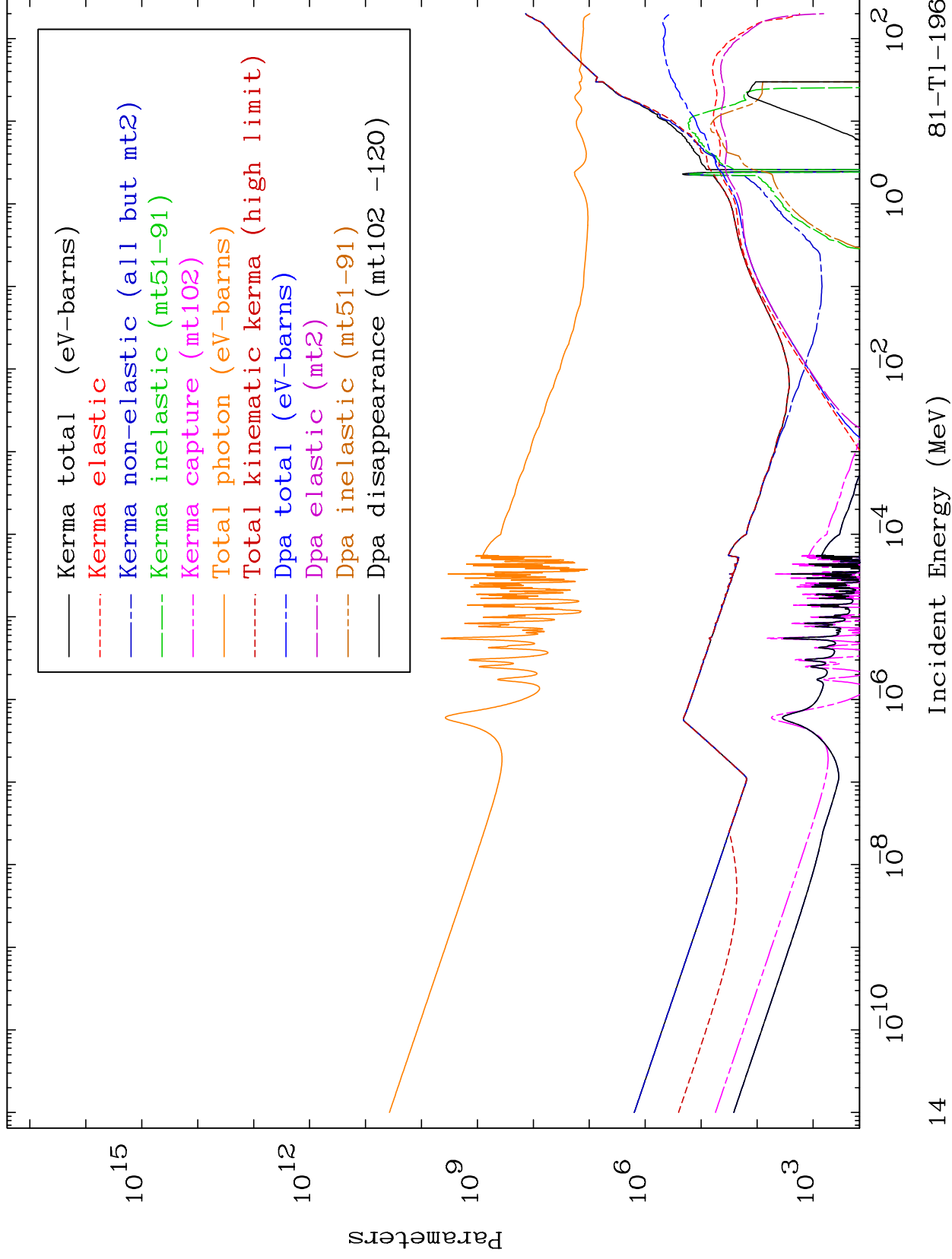
81-T1-196

MAT 8104

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-196

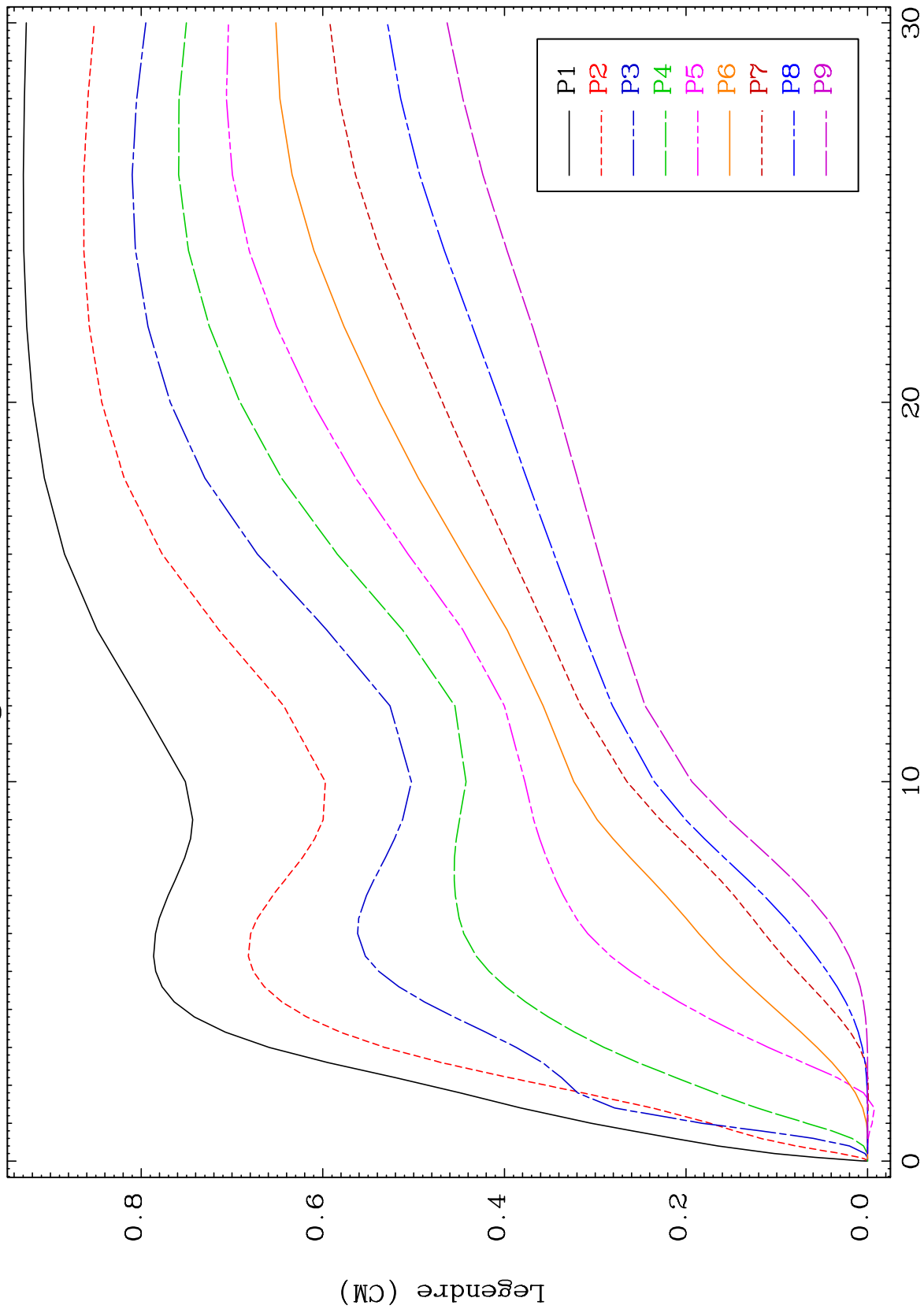




MAT 8104

Elastic Legendre Coefficients

81-Tl-196

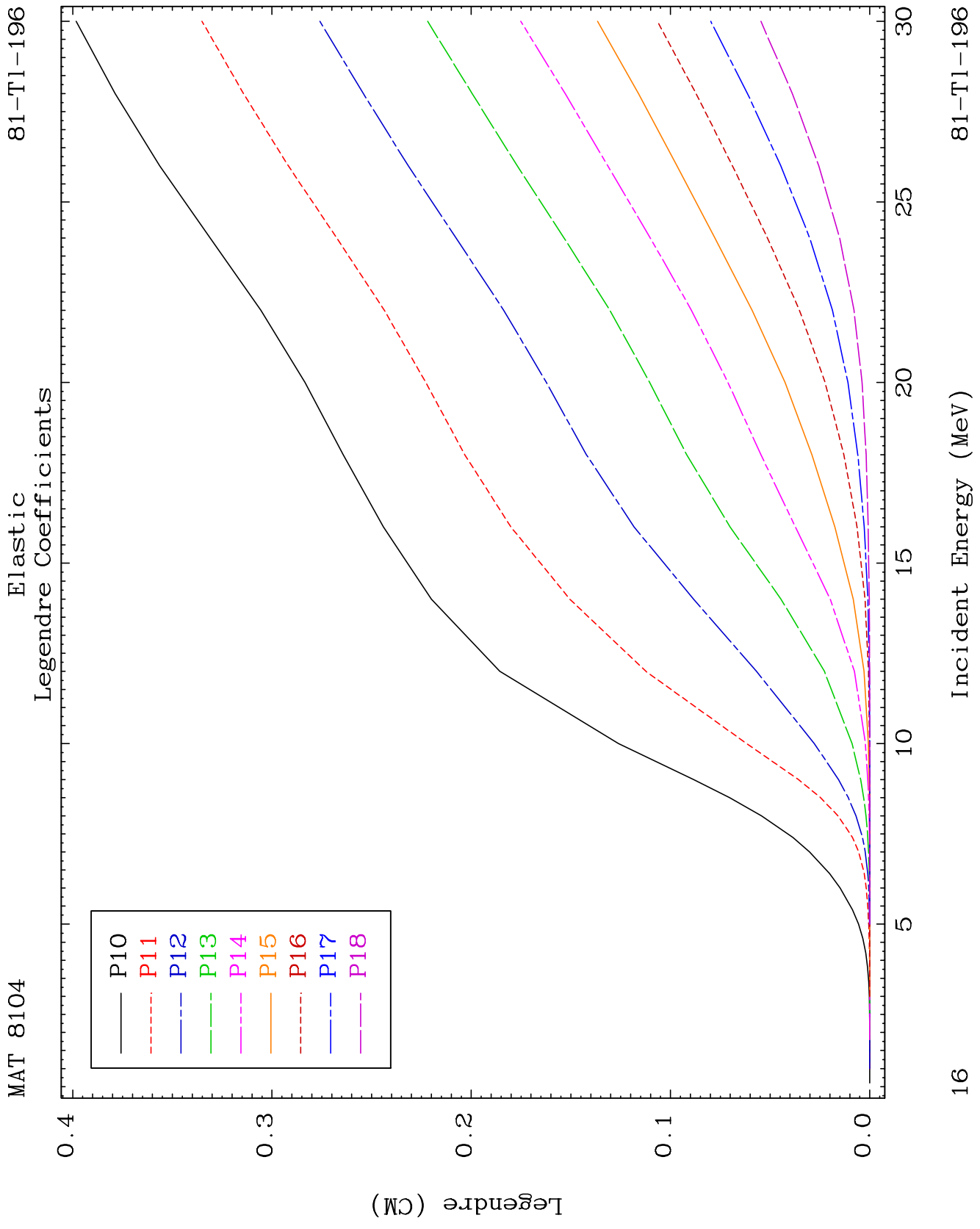


15

Incident Energy (MeV)

81-Tl-196

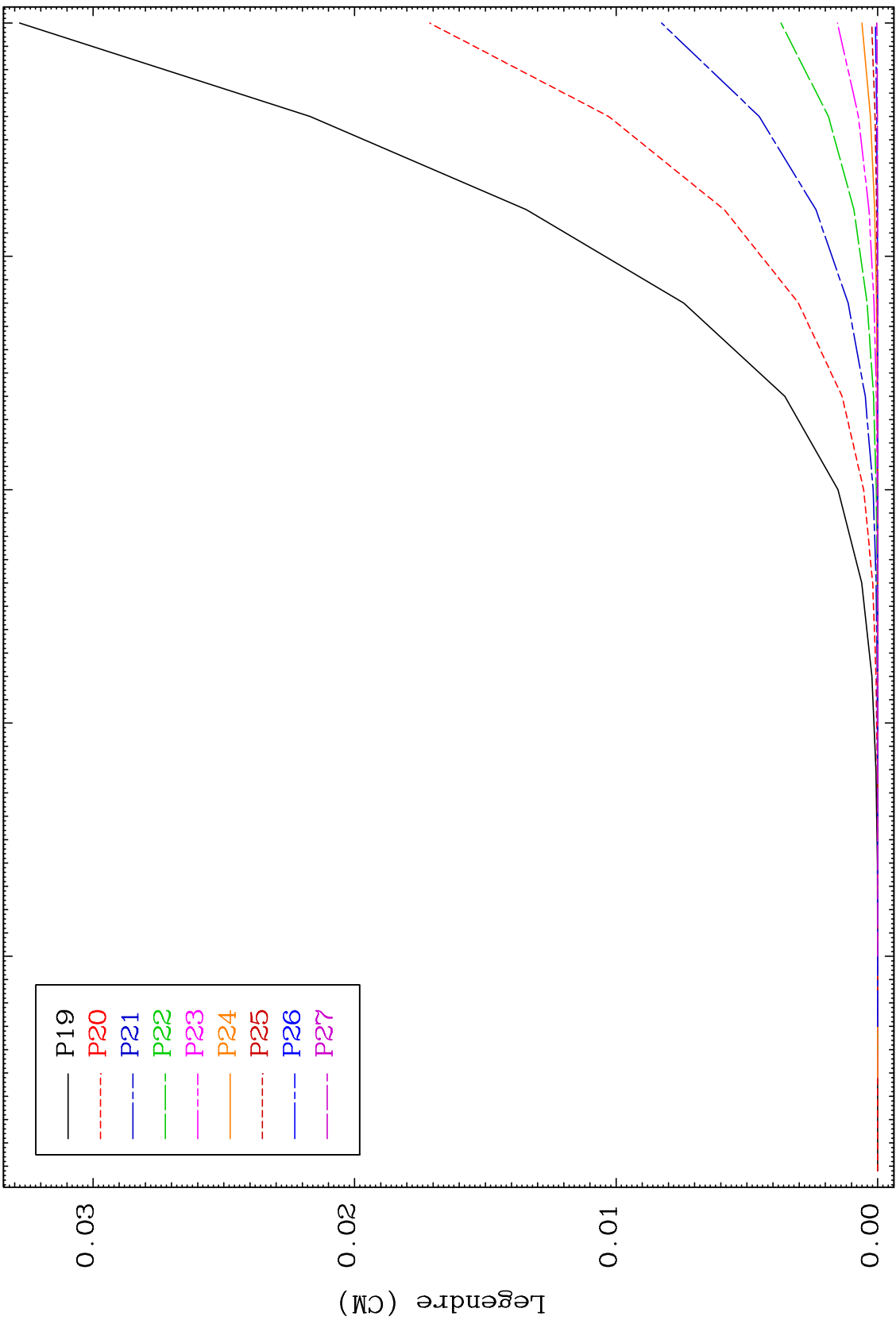




MAT 8104

Elastic Legendre Coefficients

81-T1-196



17

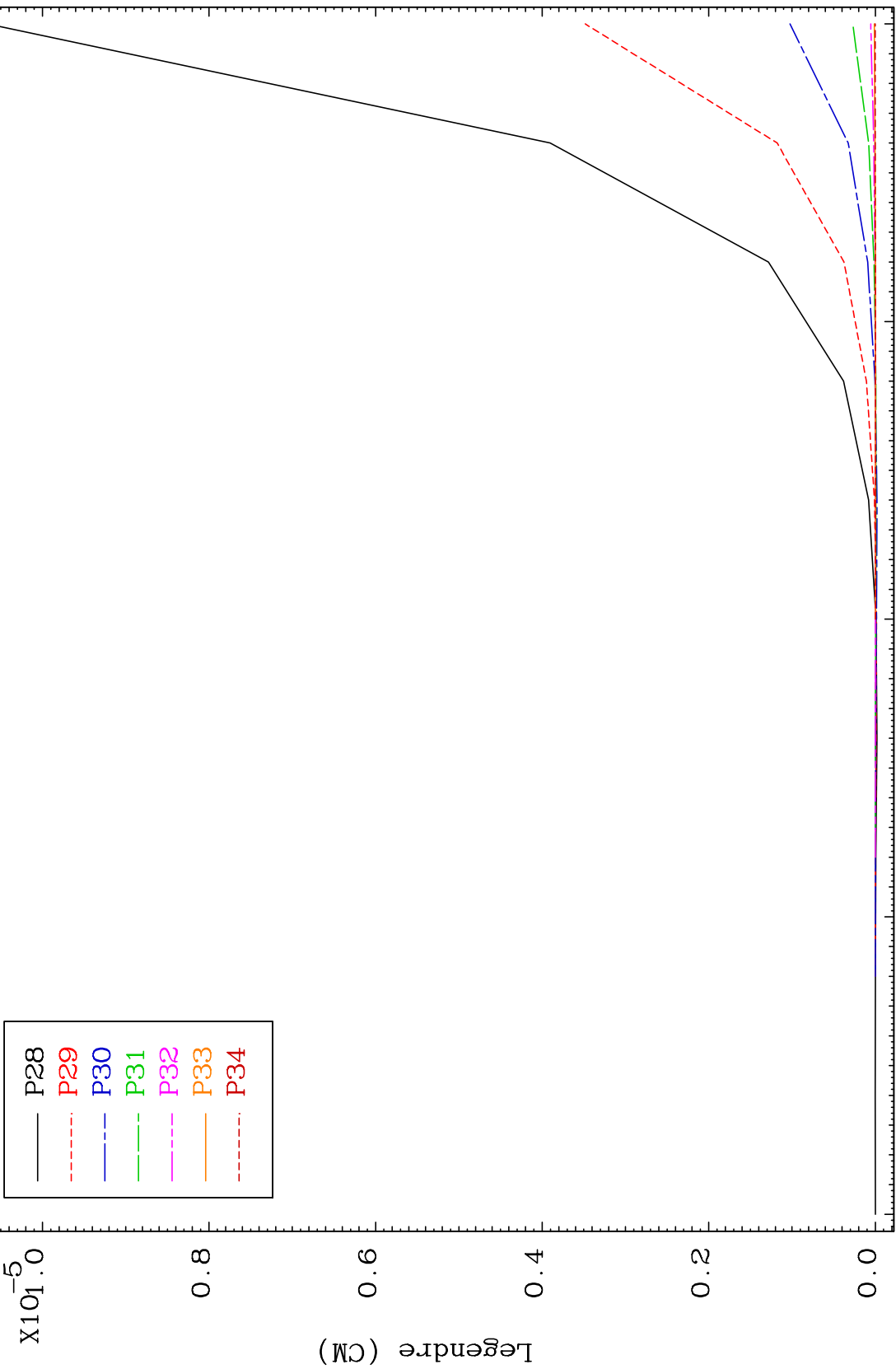
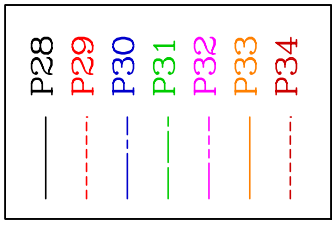
Incident Energy (MeV)

81-T1-196

MAT 8104

### Elastic Legendre Coefficients

81-T1-196



18

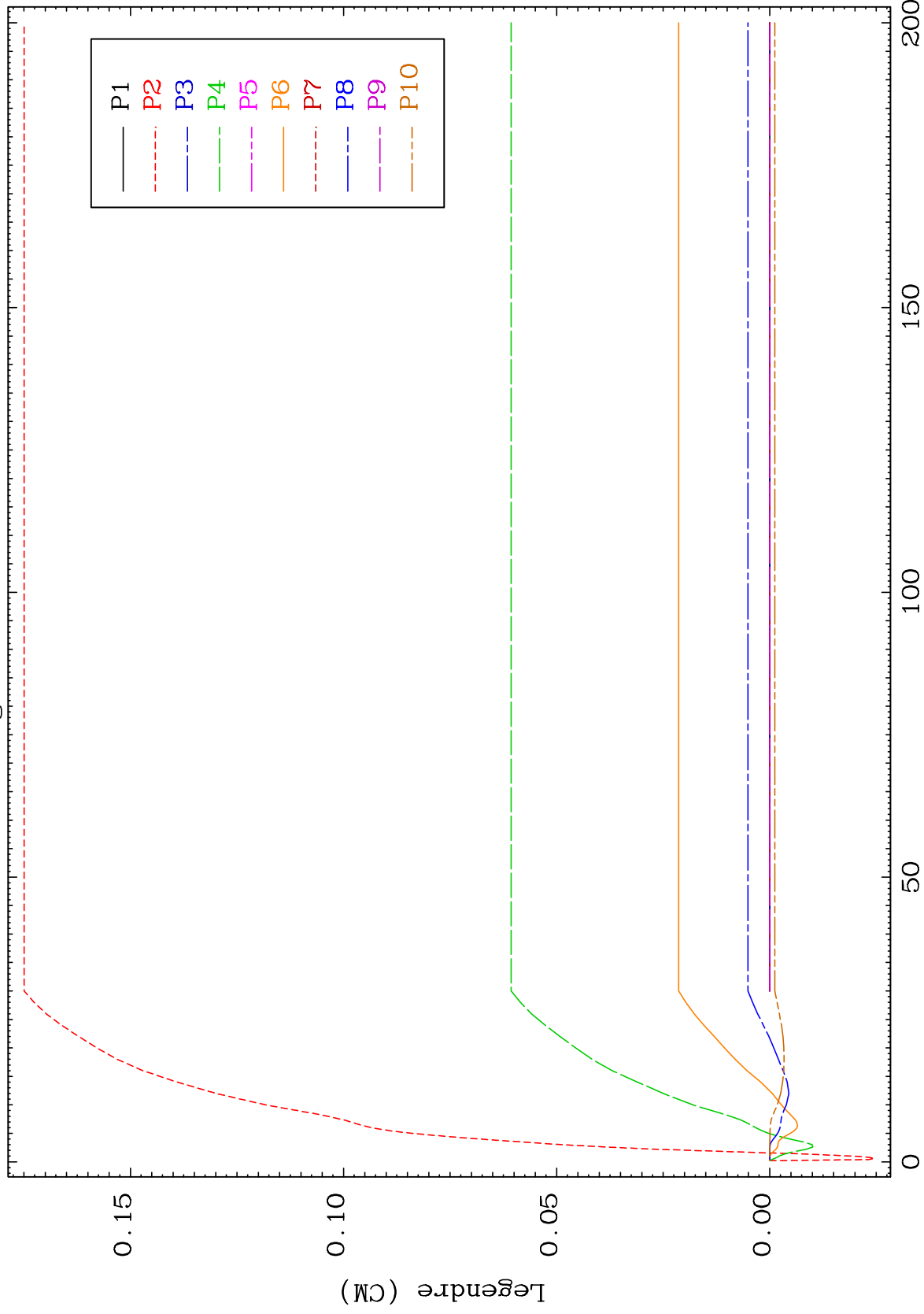
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-Tl-196



19

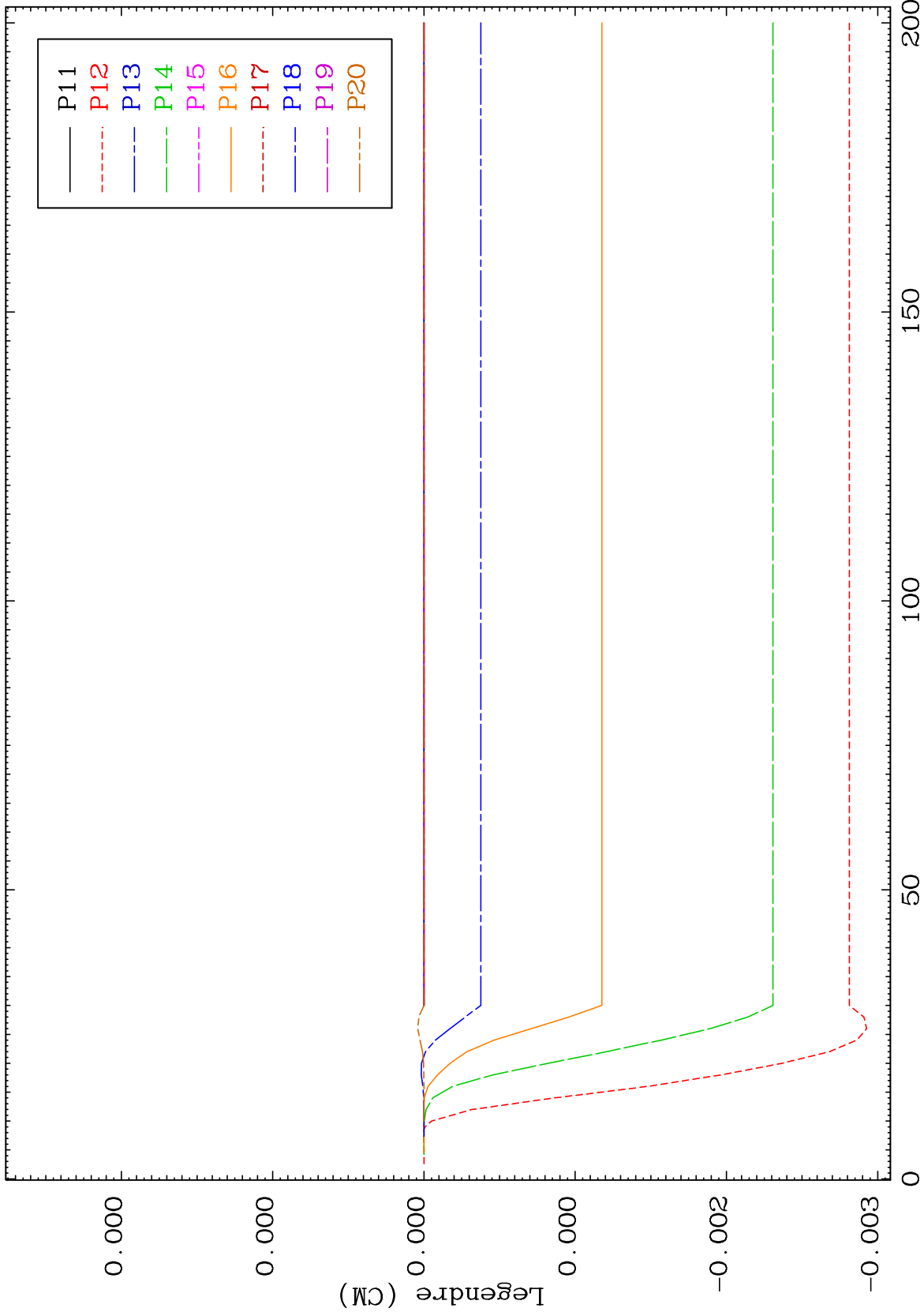
Incident Energy (MeV)

81-Tl-196

MAT 8104

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

81-T1-196



20

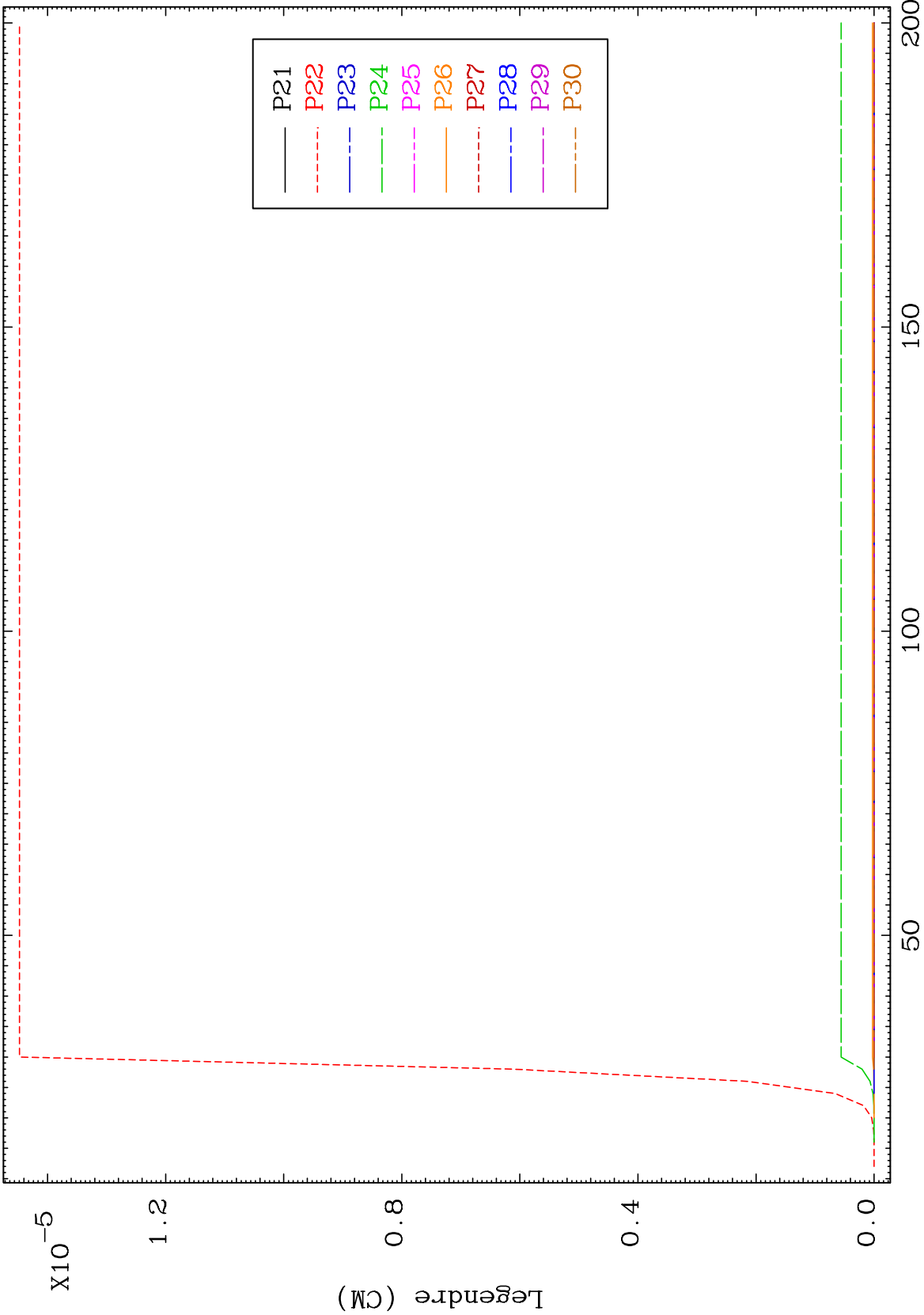
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



21

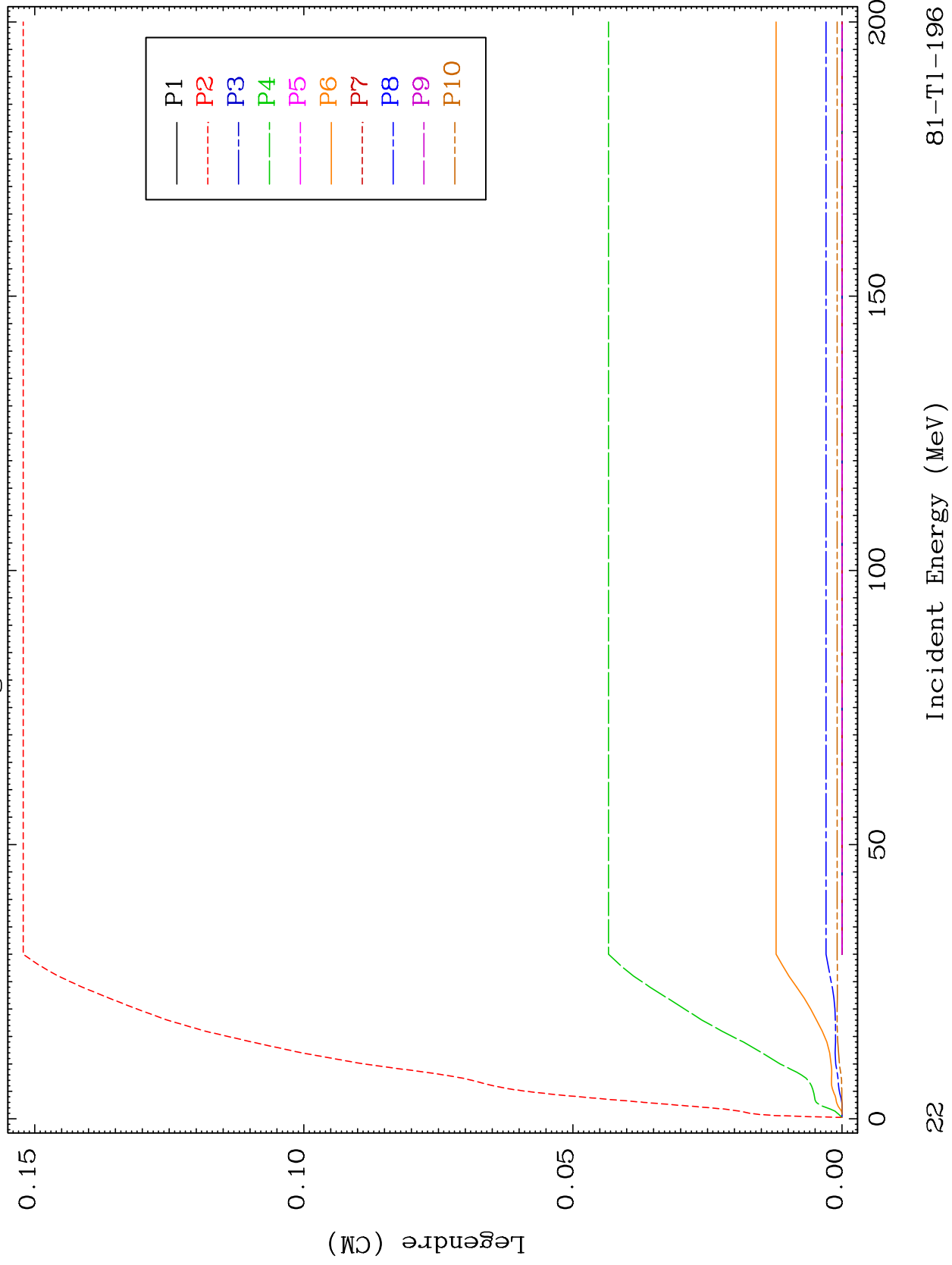
Incident Energy (MeV)

81-T1-196

MAT 8104

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

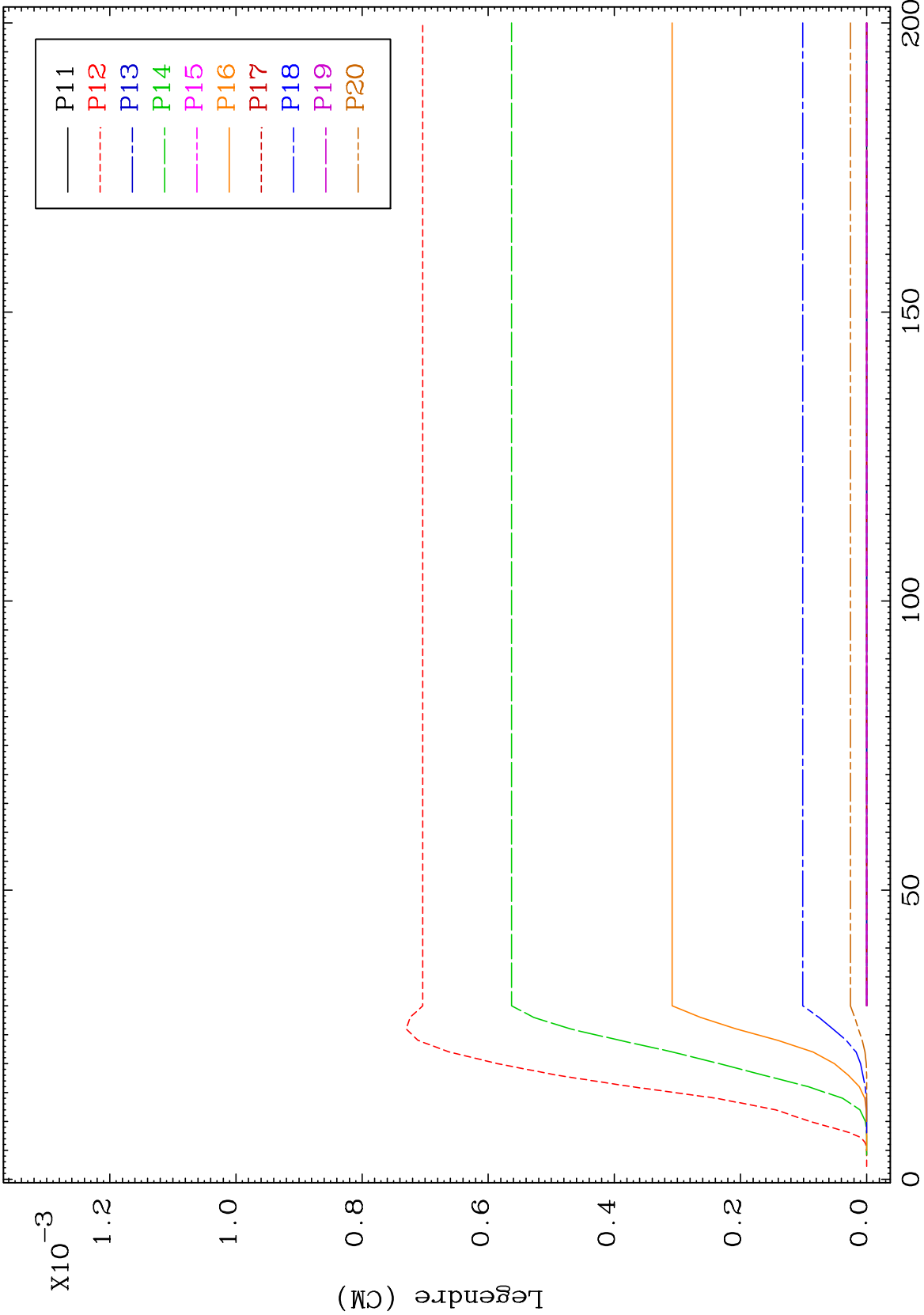
81-Tl-196



81-Tl-196

Incident Energy (MeV)

22



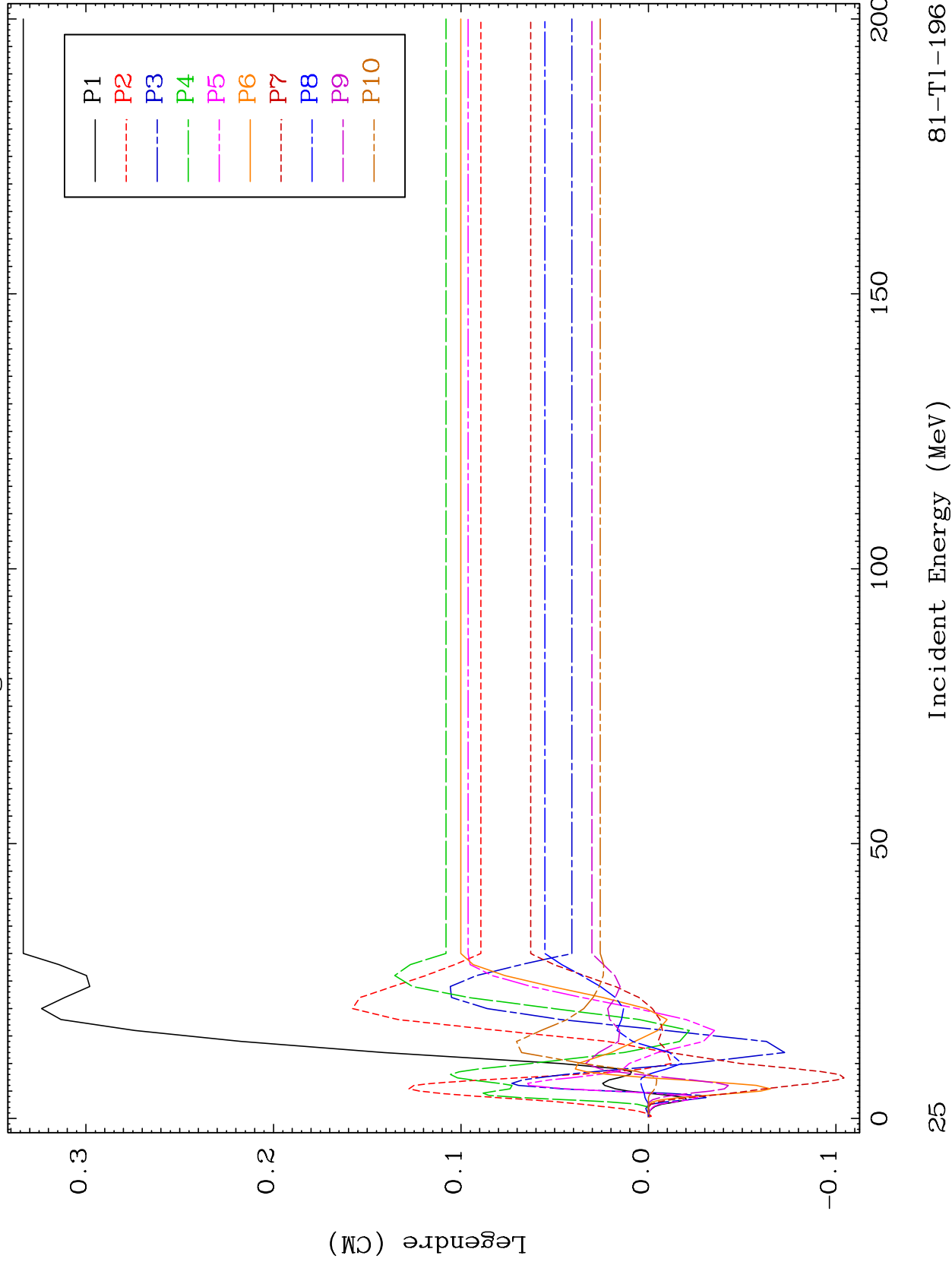




MAT 8104

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

81-Tl-196



81-Tl-196

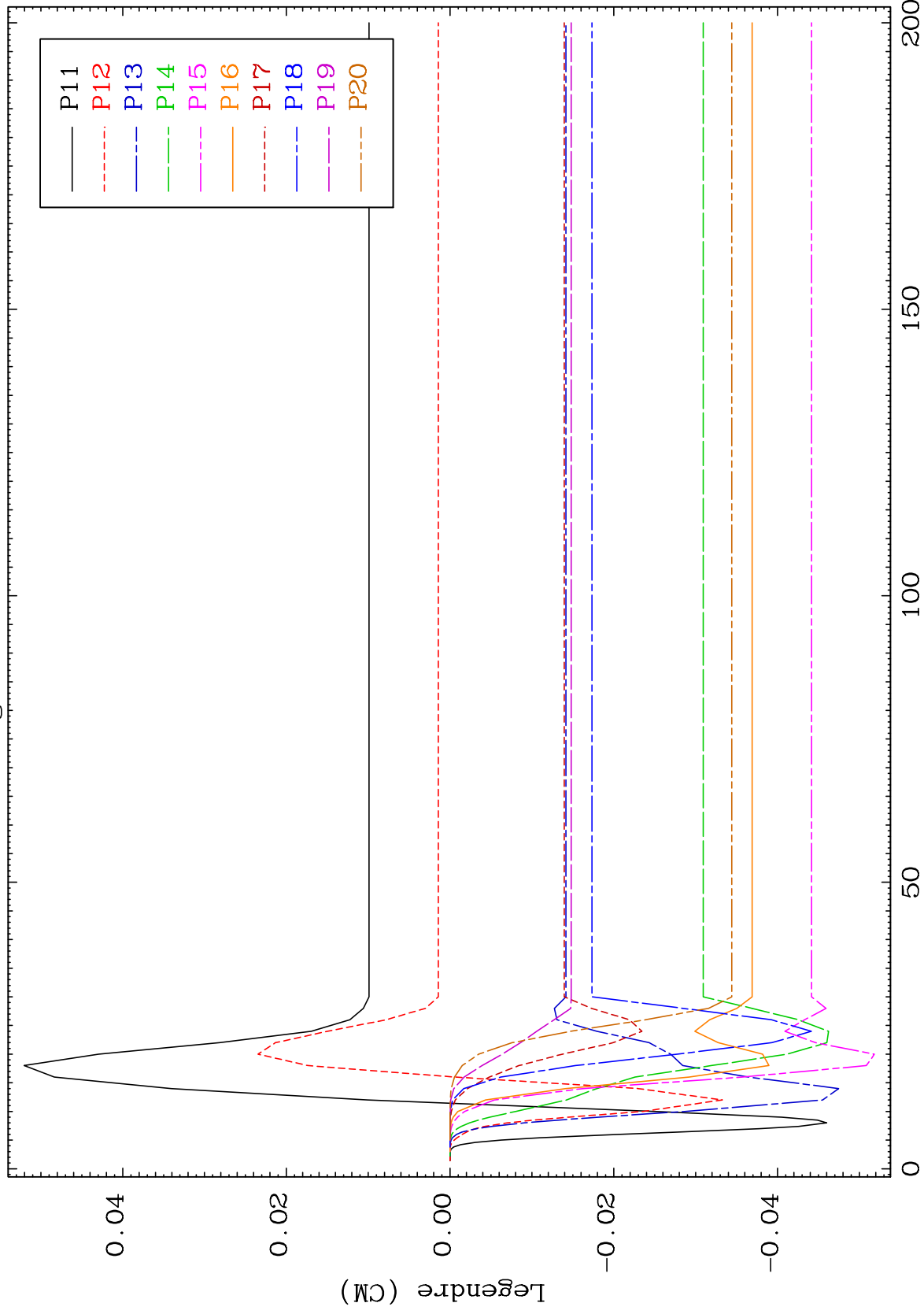
Incident Energy (MeV)

25

MAT 8104

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

81-T1-196



26

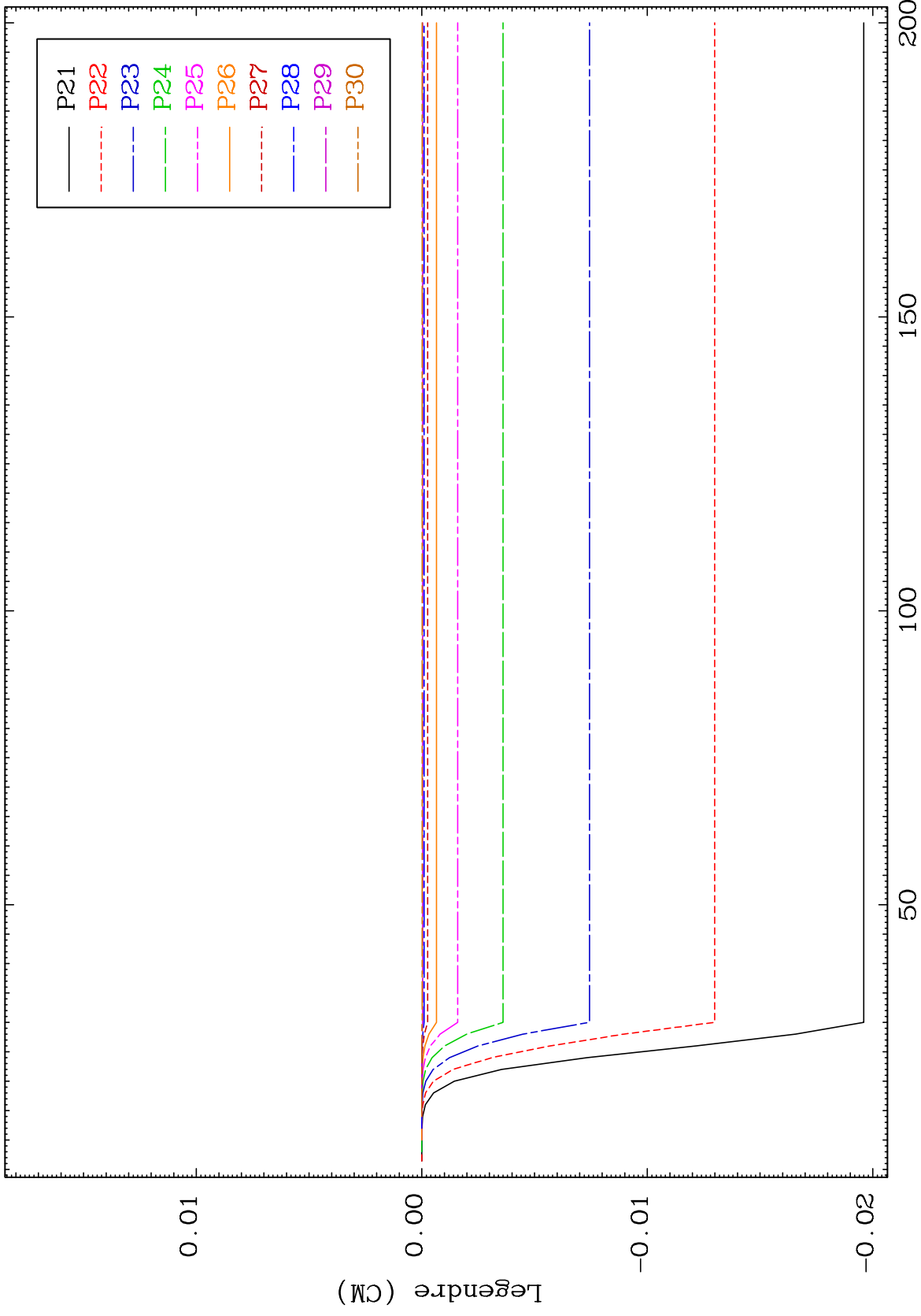
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



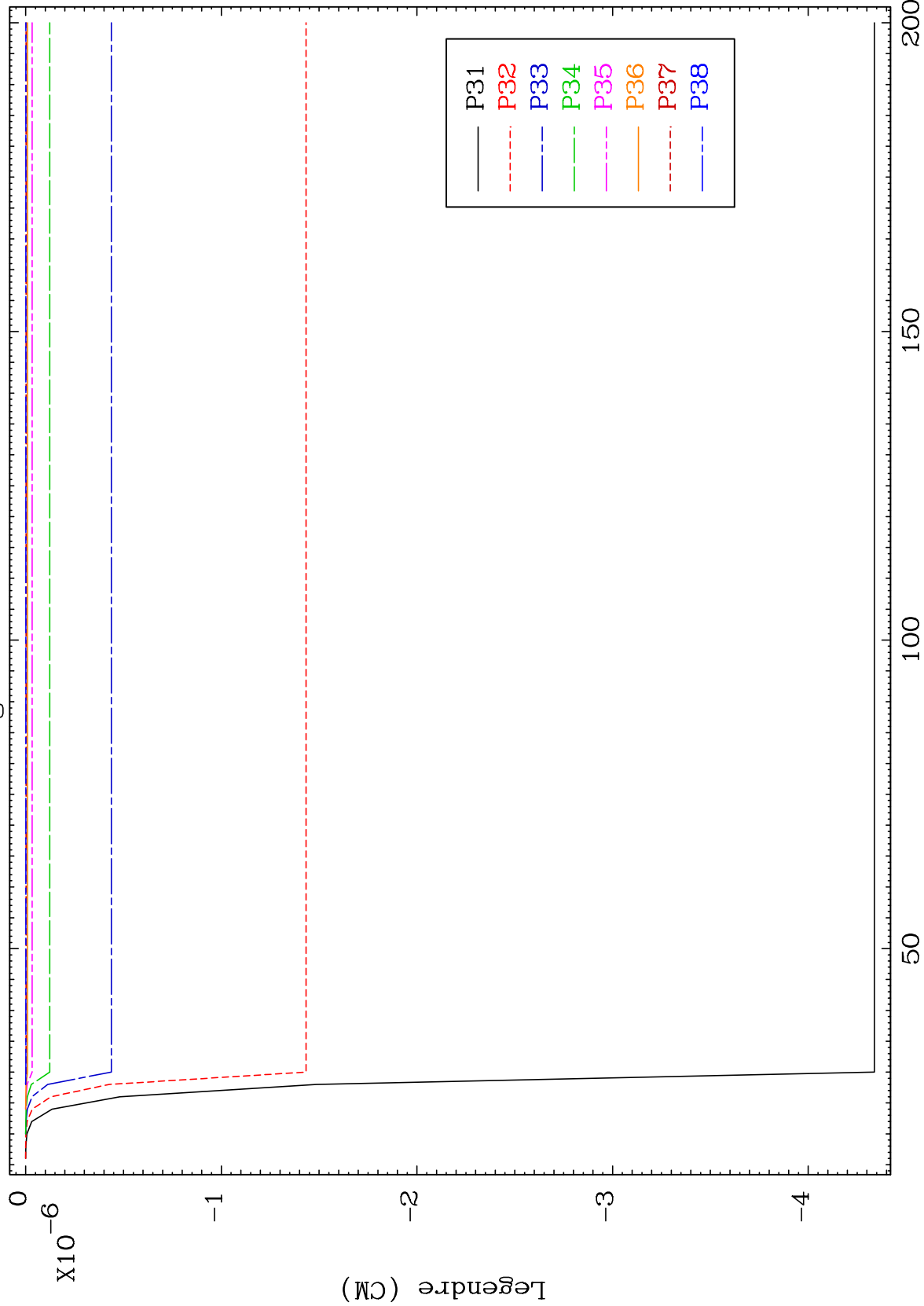
27

81-T1-196

MAT 8104

81-Tl-196

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



28

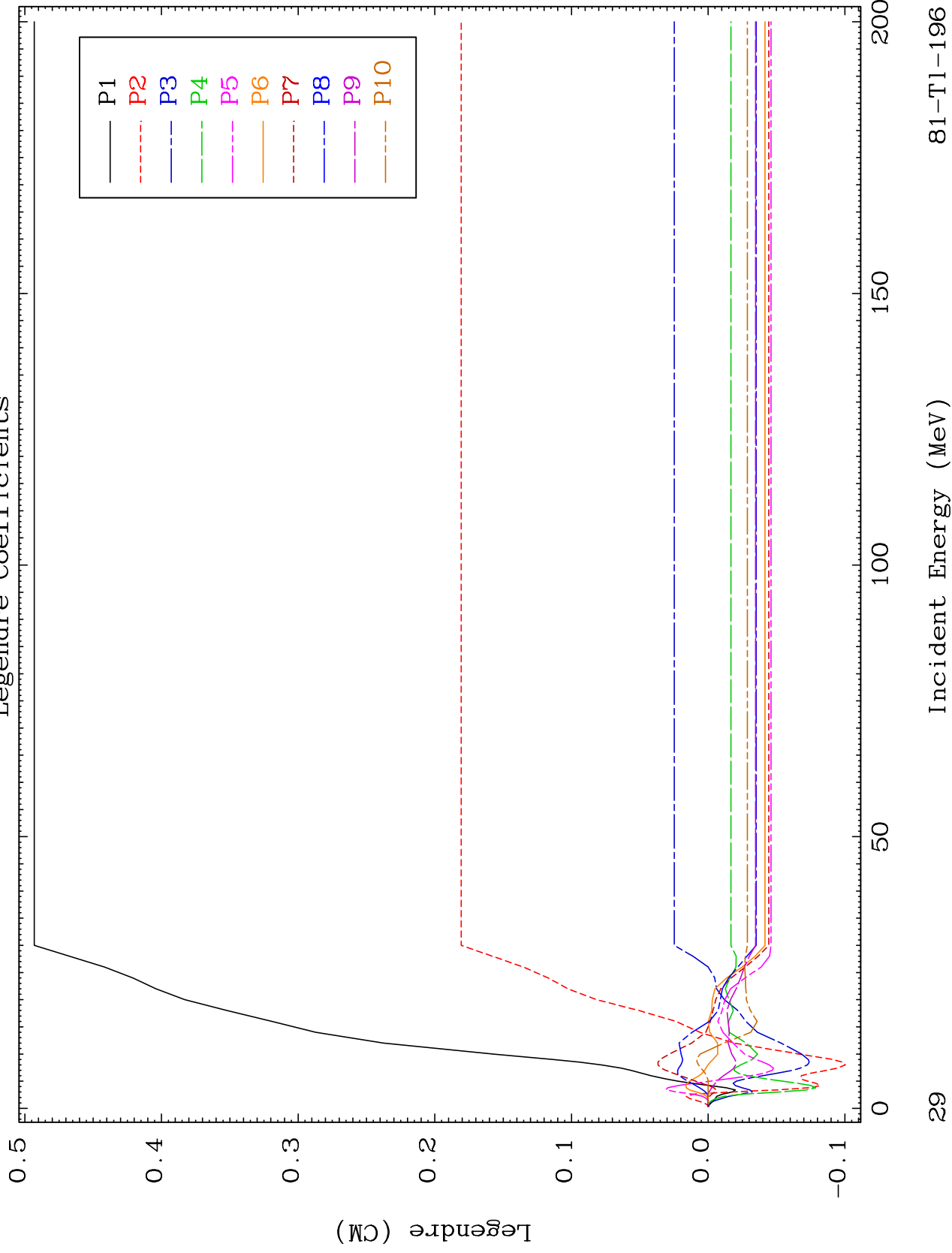
Incident Energy (MeV)

81-Tl-196

MAT 8104

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

81-Tl-196



81-Tl-196

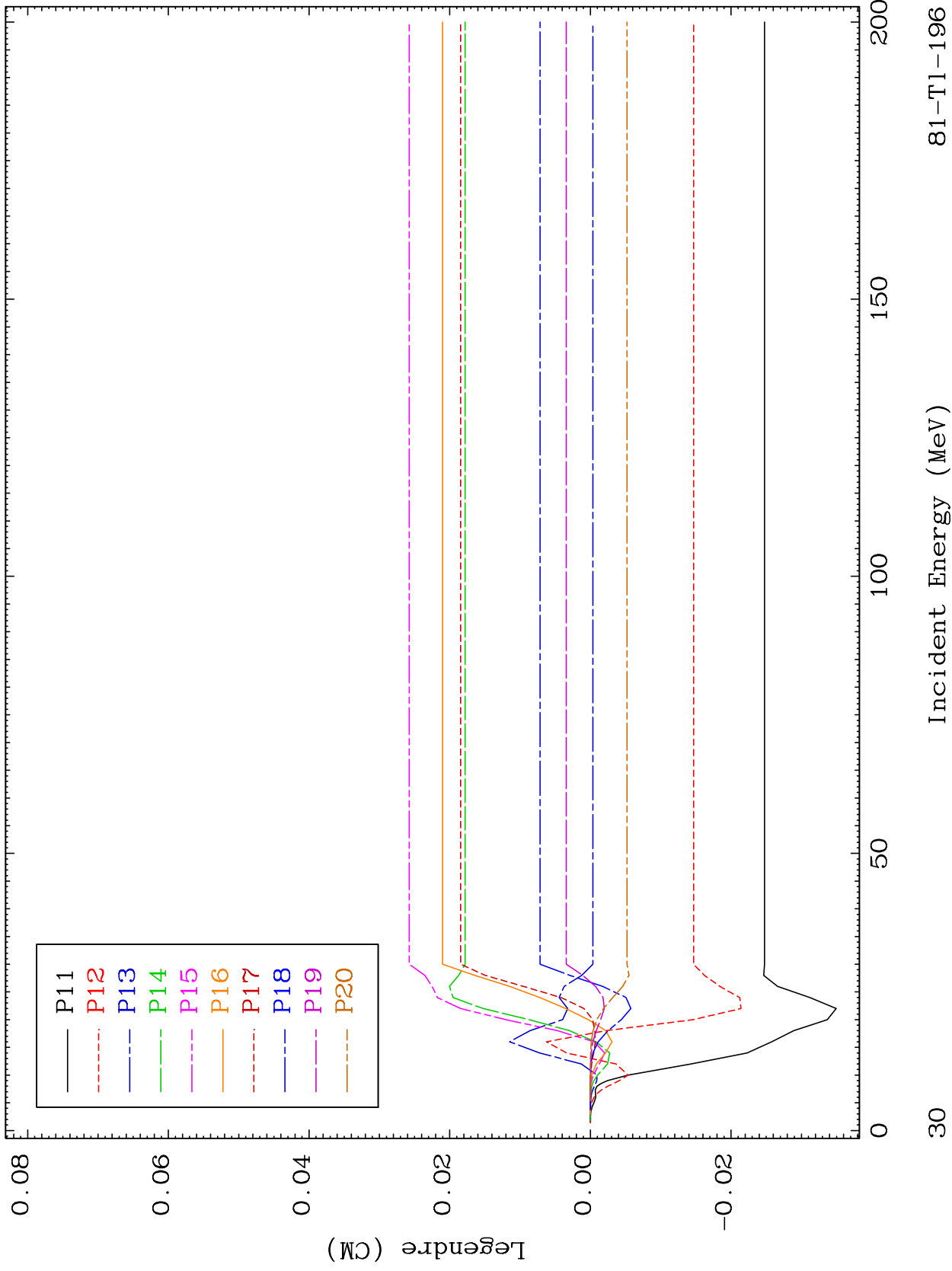
Incident Energy (MeV)

29

MAT 8104

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

81-Tl-196

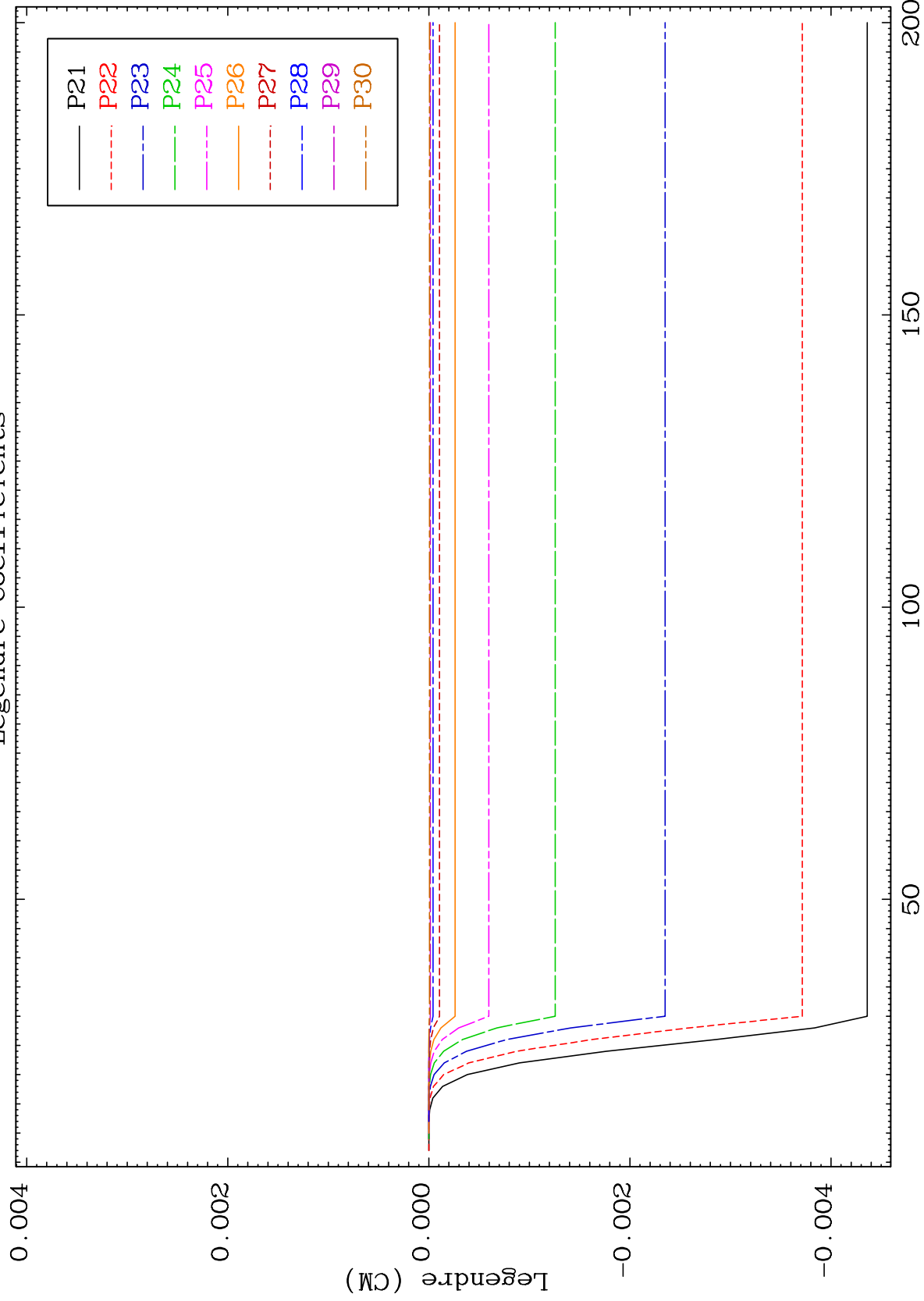


81-Tl-196

MAT 8104

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

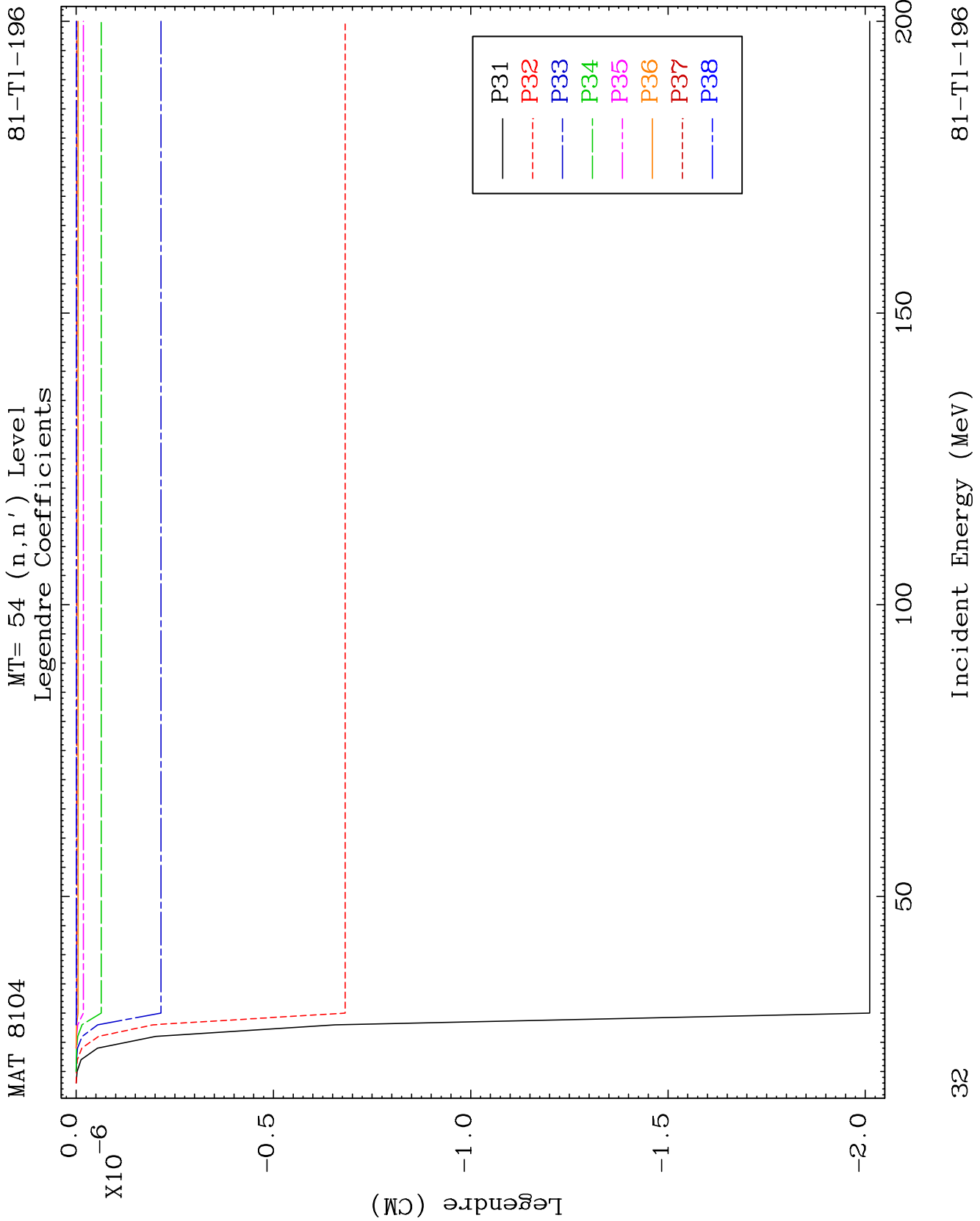
81-T1-196



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81-T1-196

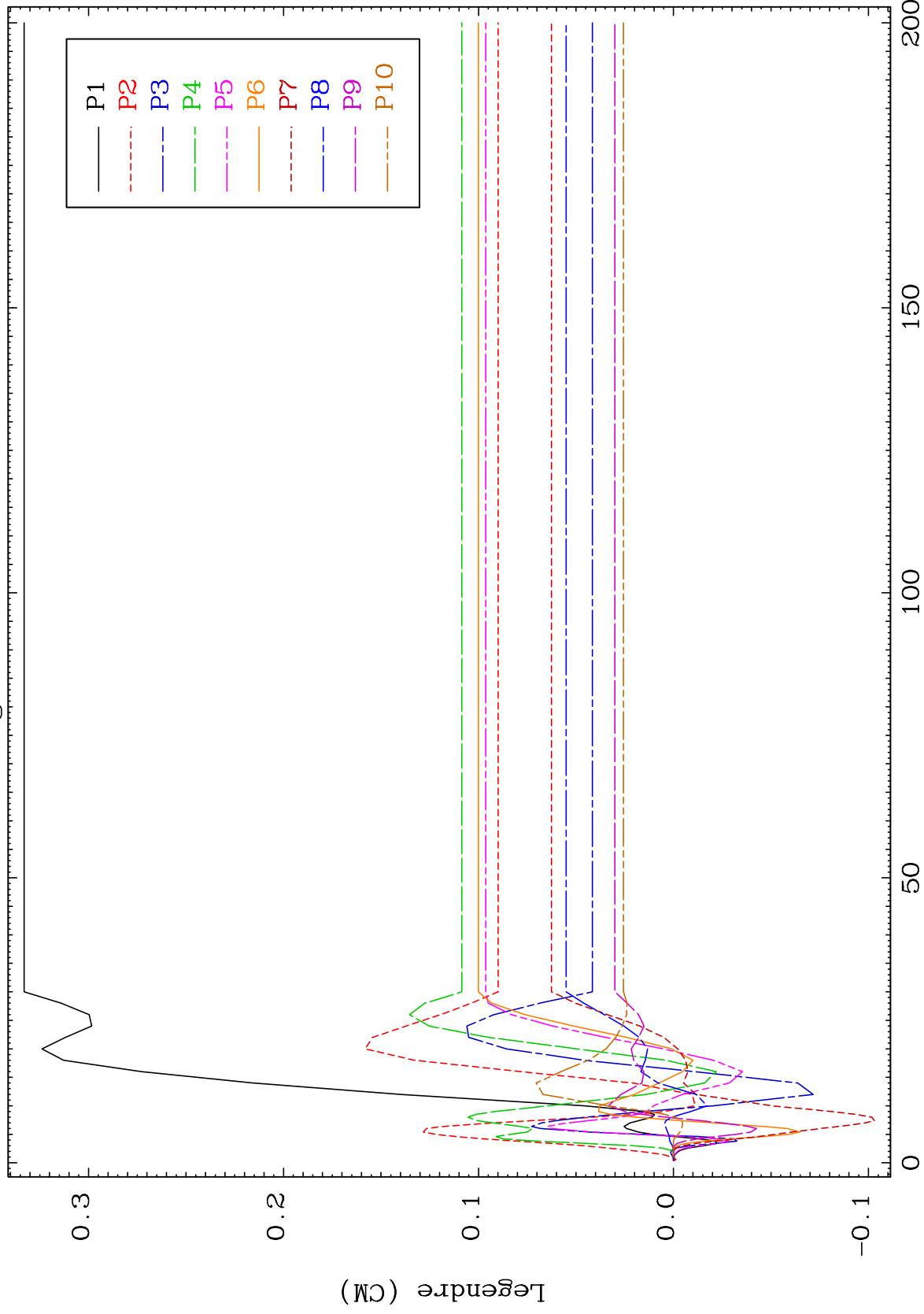




MAT 8104

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

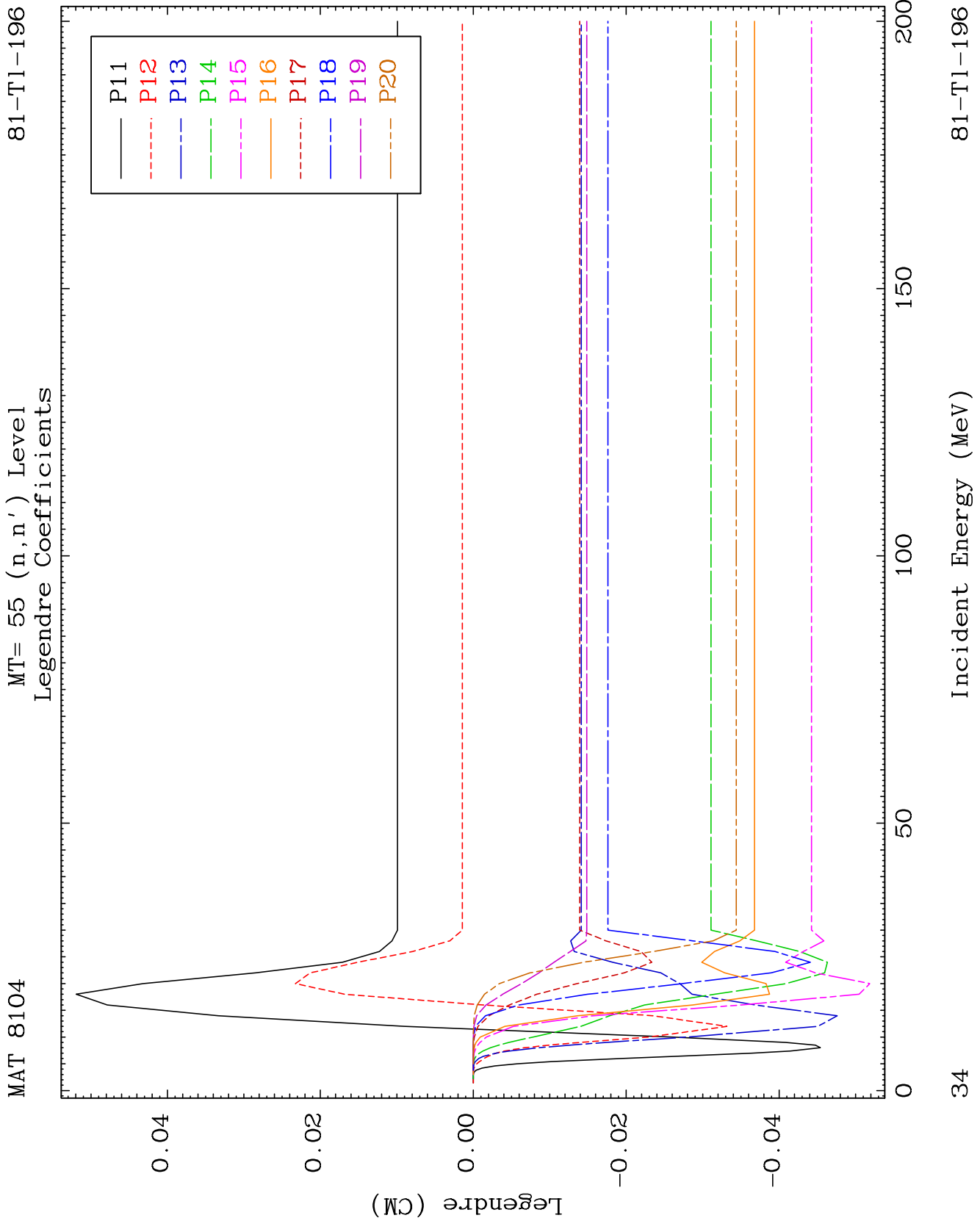
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33

Incident Energy (MeV)

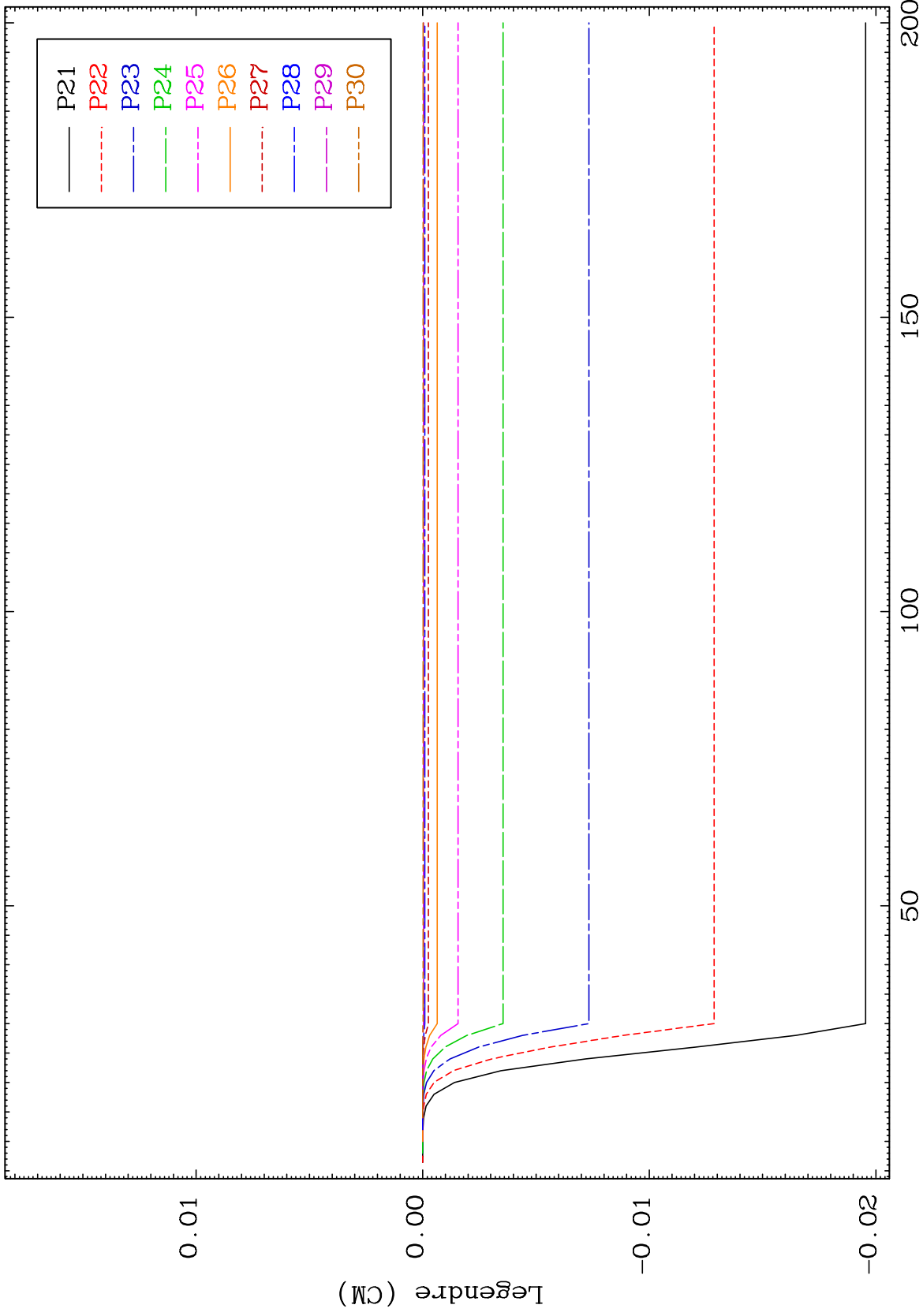
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MAT 8104

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

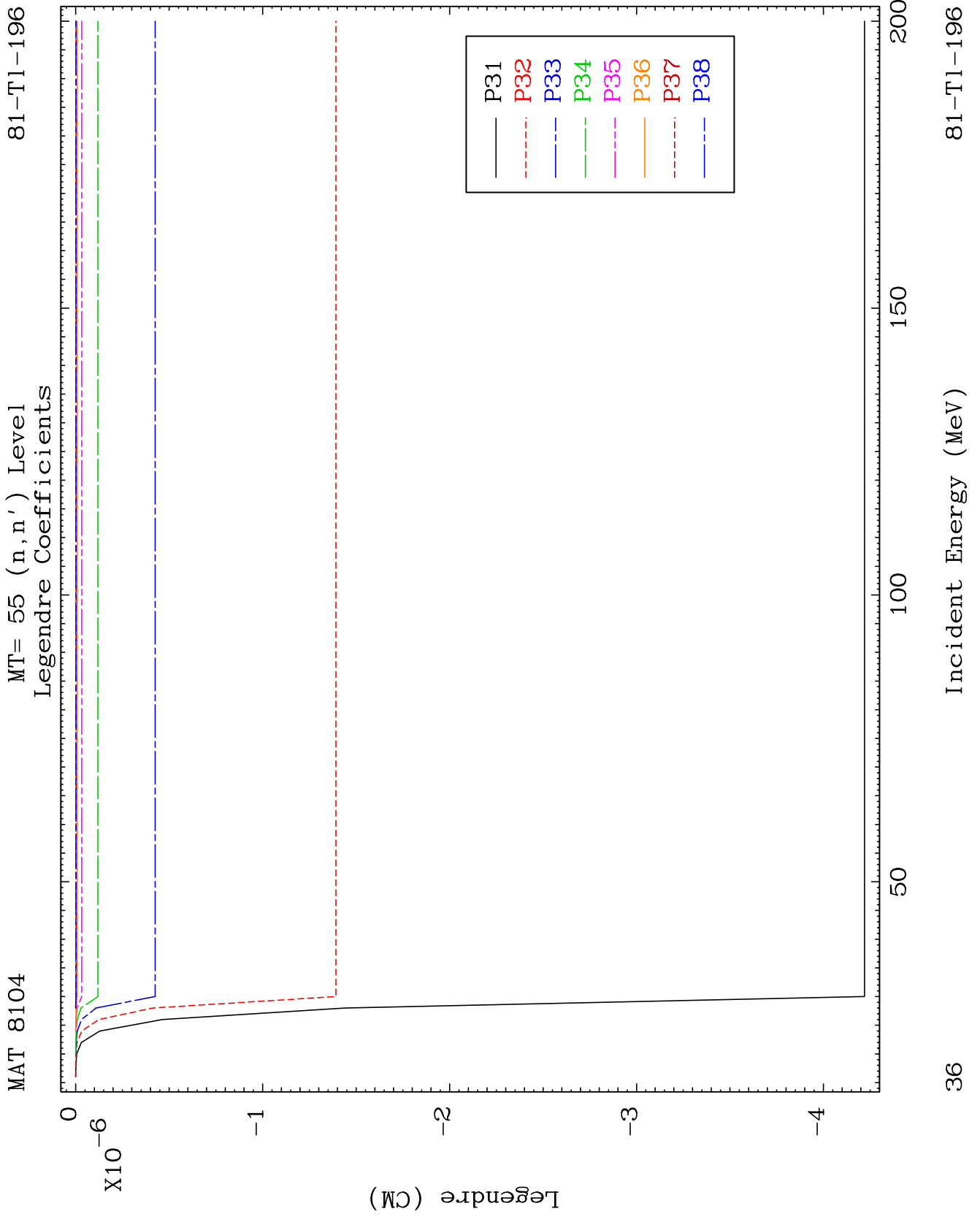
81-T1-196



35

Incident Energy (MeV)

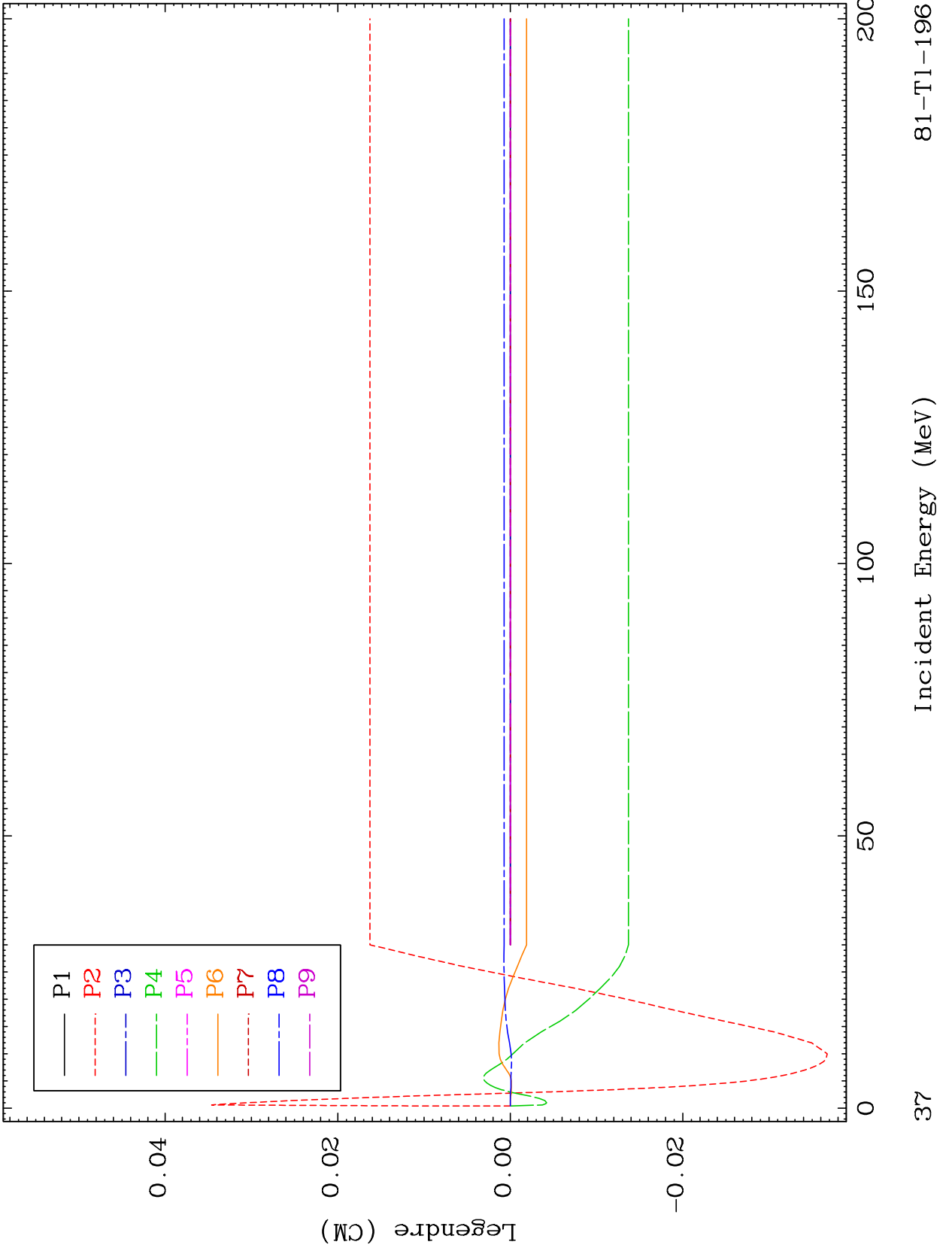
81-T1-196



MAT 8104

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

81-T1-196



81-T1-196

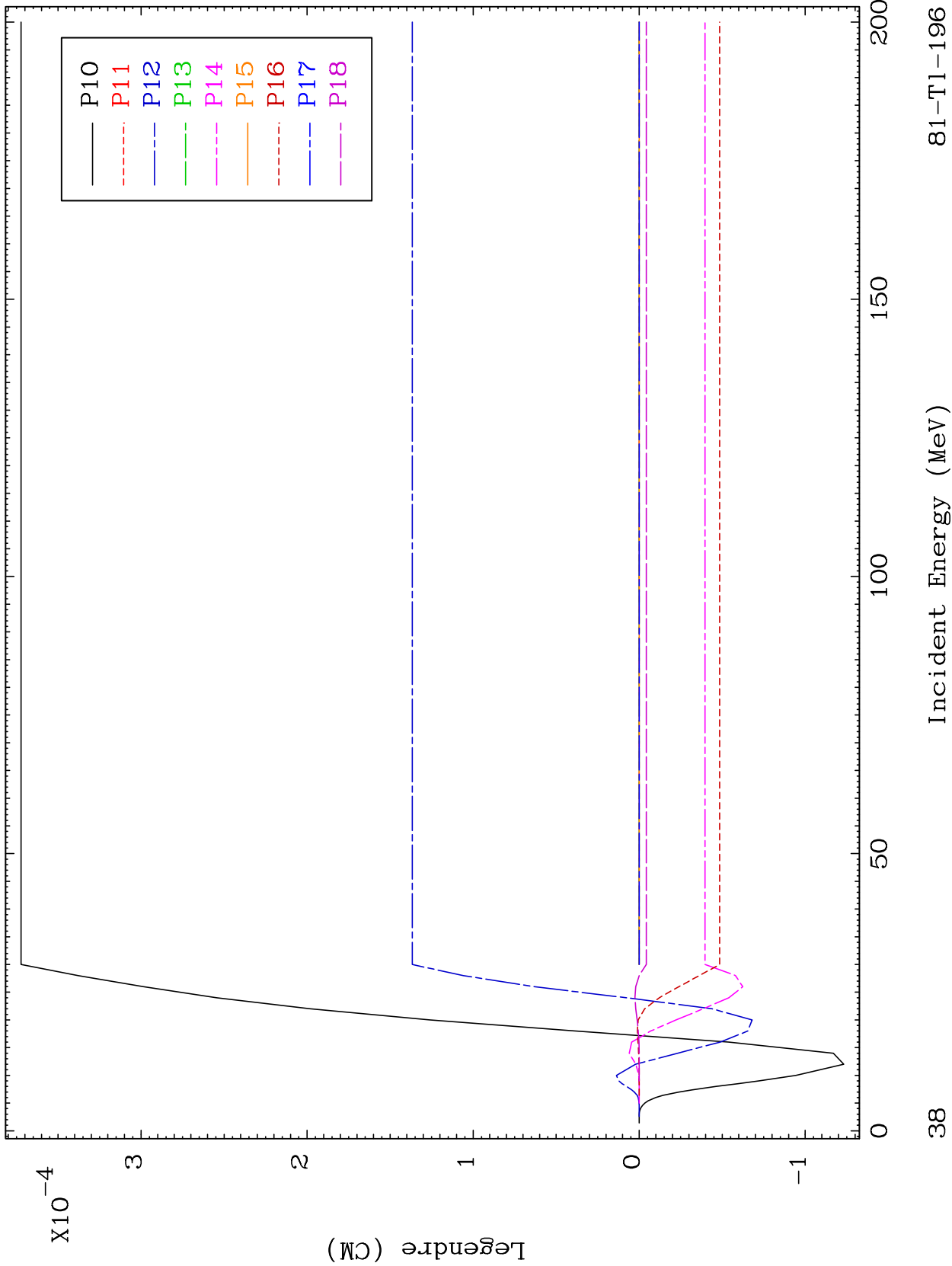
Incident Energy (MeV)

37

MAT 8104

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

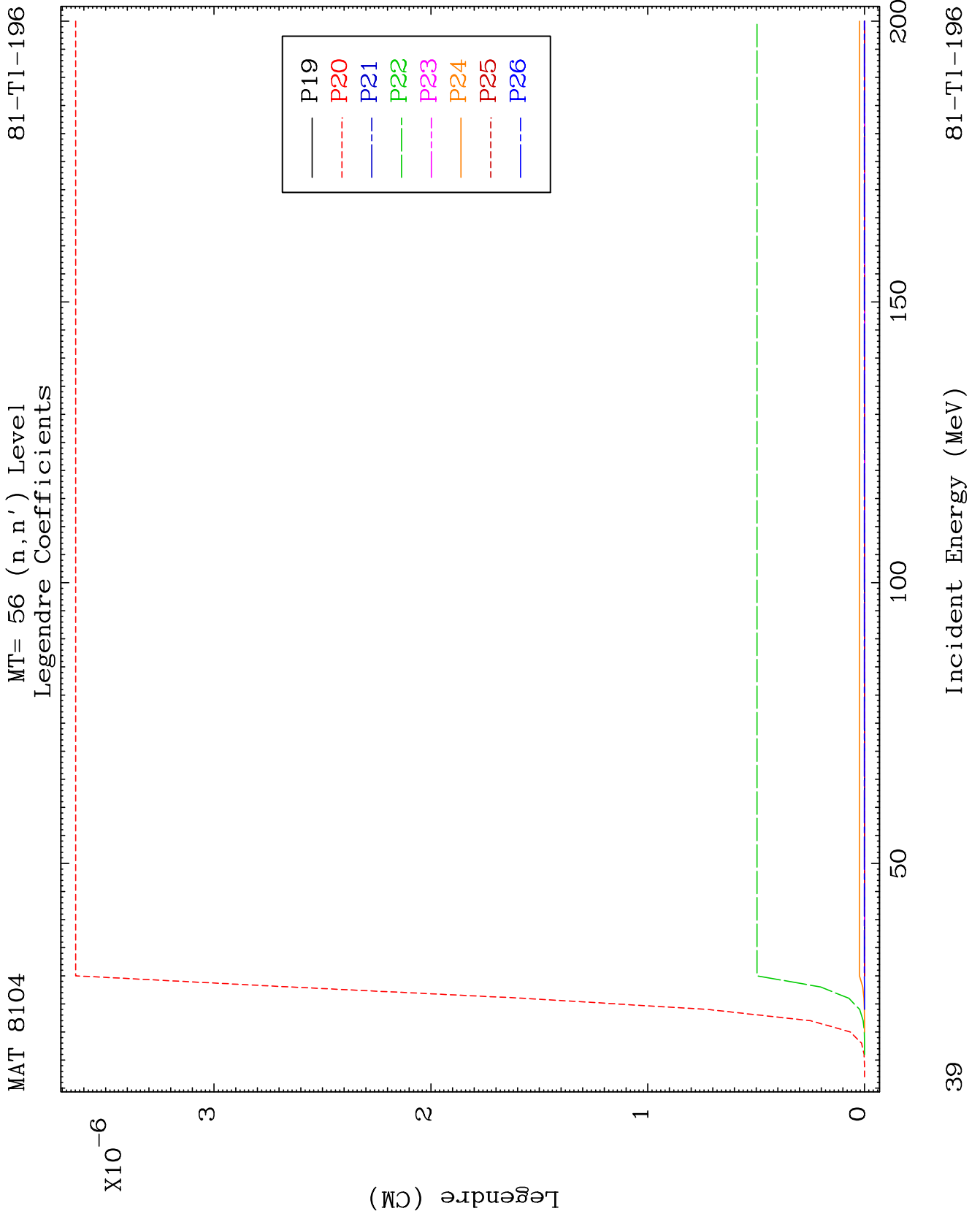
81-Tl-196



81-Tl-196

Incident Energy (MeV)

38

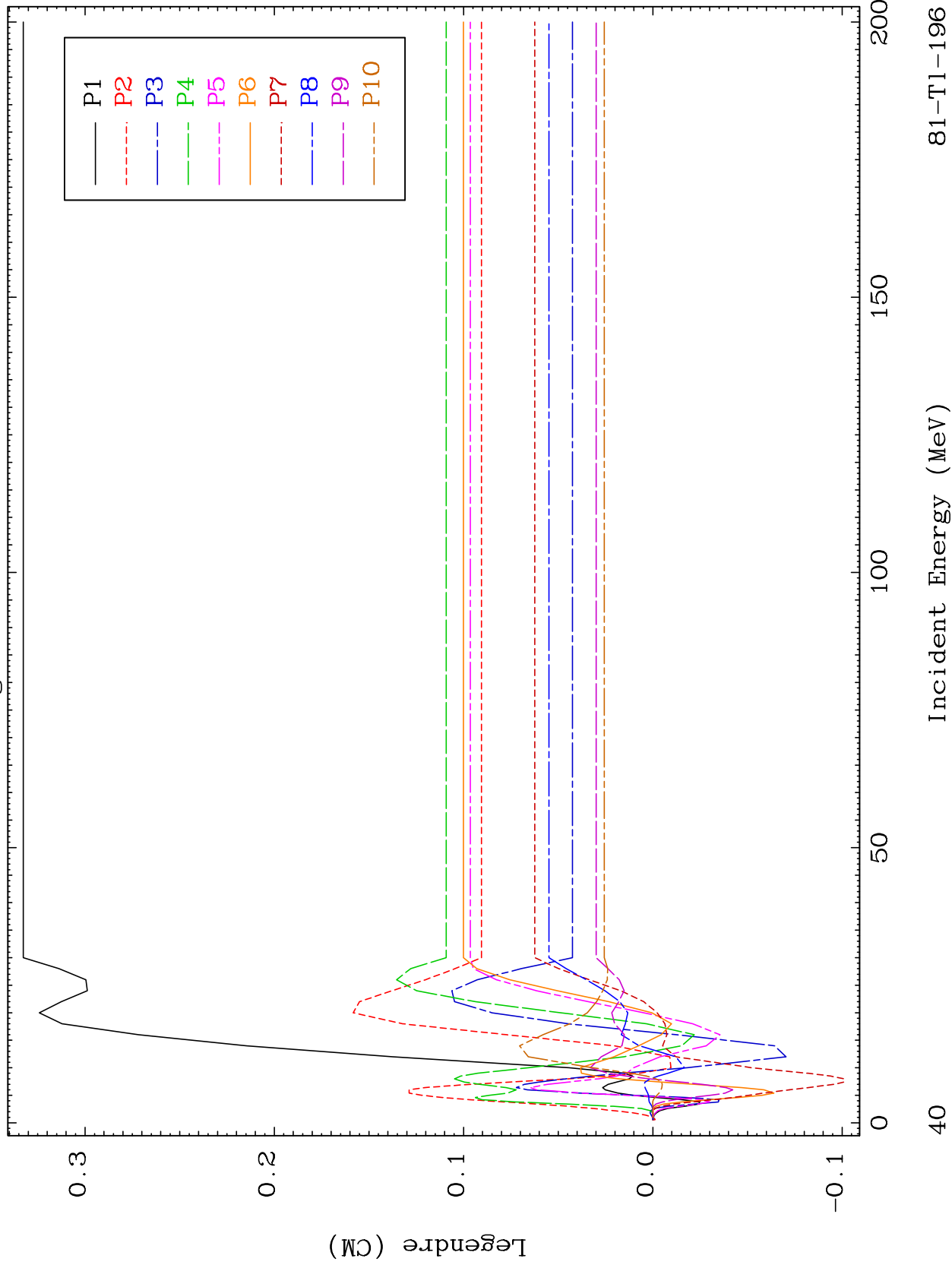




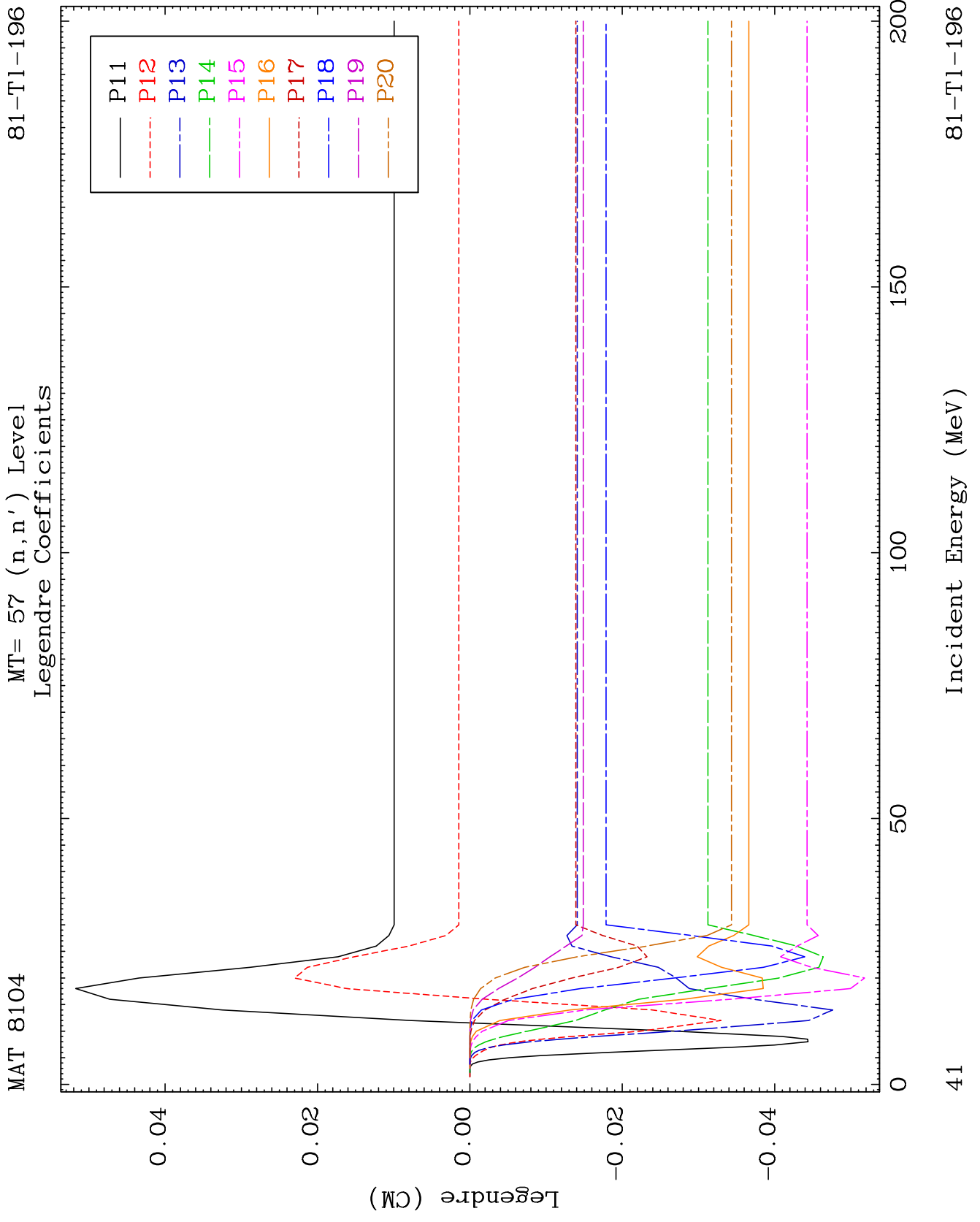
MAT 8104

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

81-Tl-196



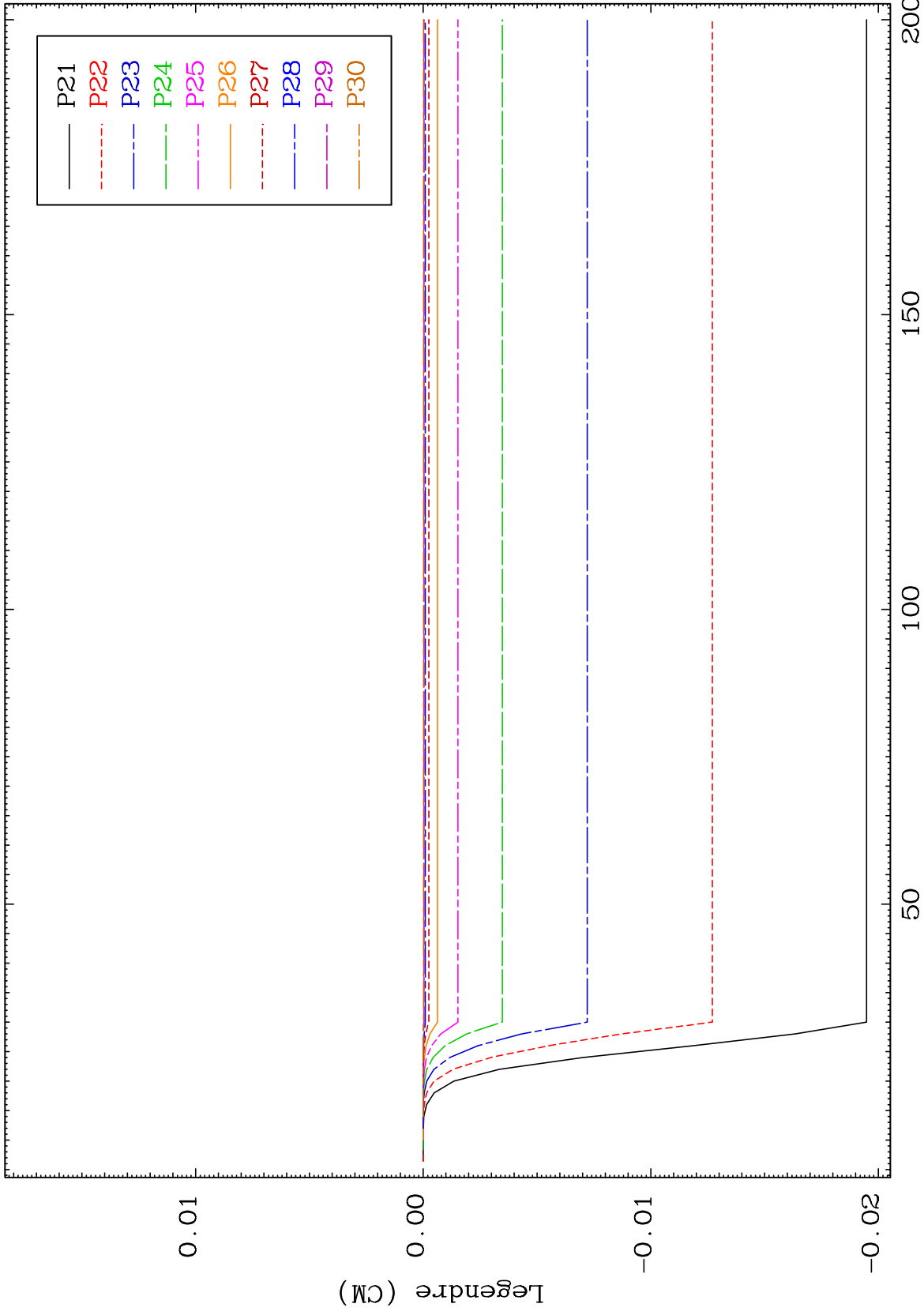
81-Tl-196



MAT 8104

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

81-T1-196



42

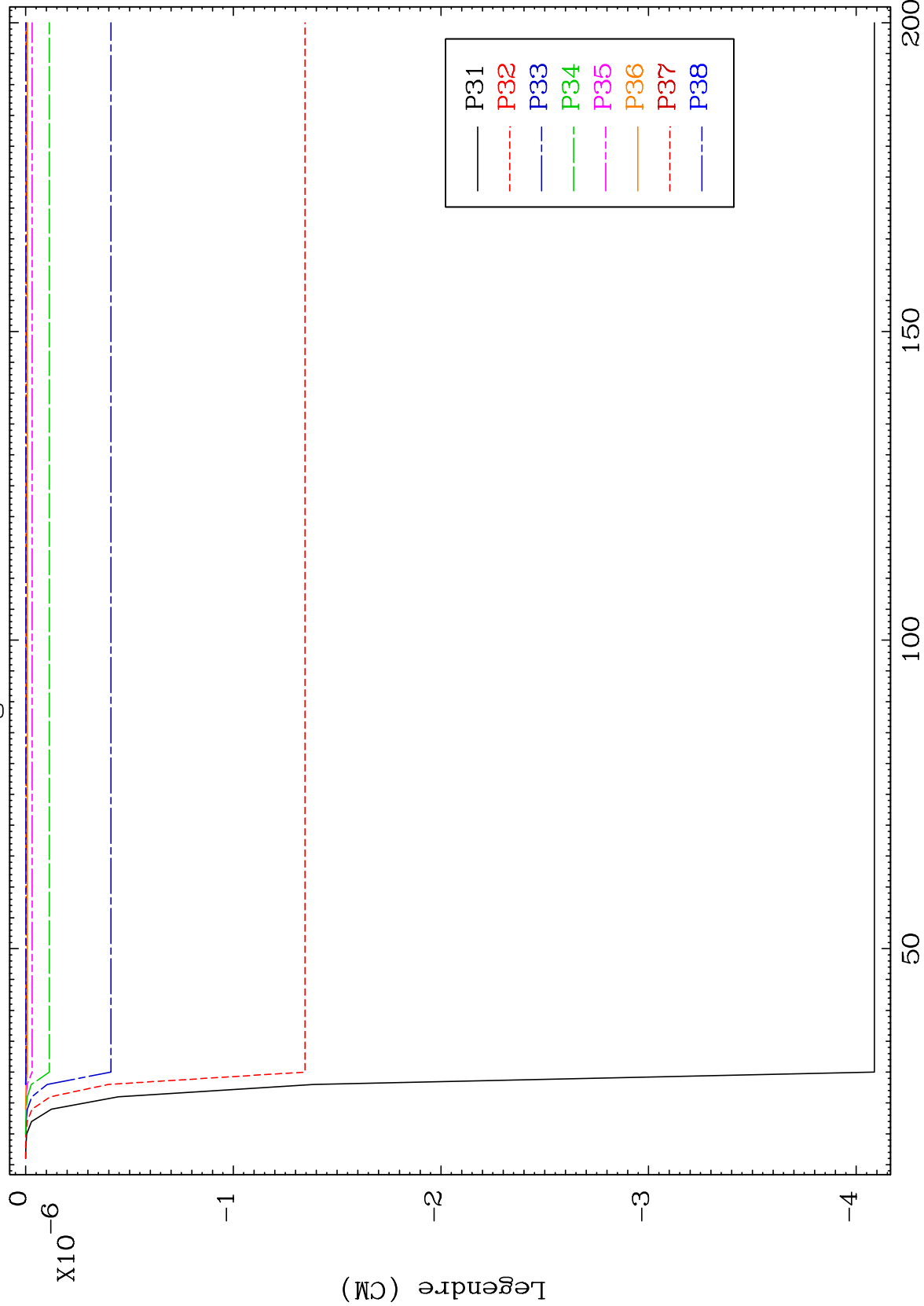
81-T1-196

MAT 8104

MT= 57 (n,n') Level

81-T1-196

Legendre Coefficients



43

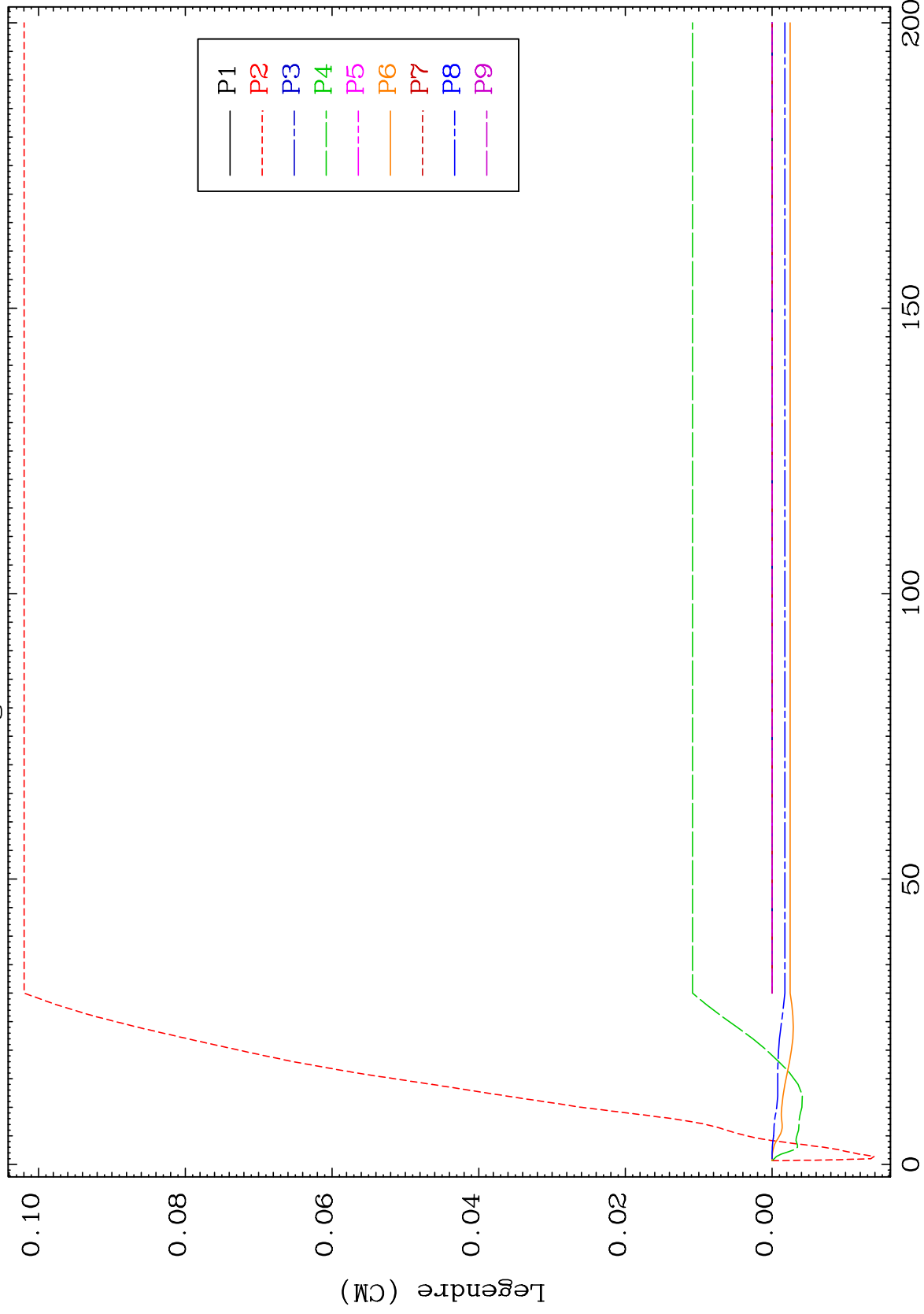
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



81-T1-196

Incident Energy (MeV)

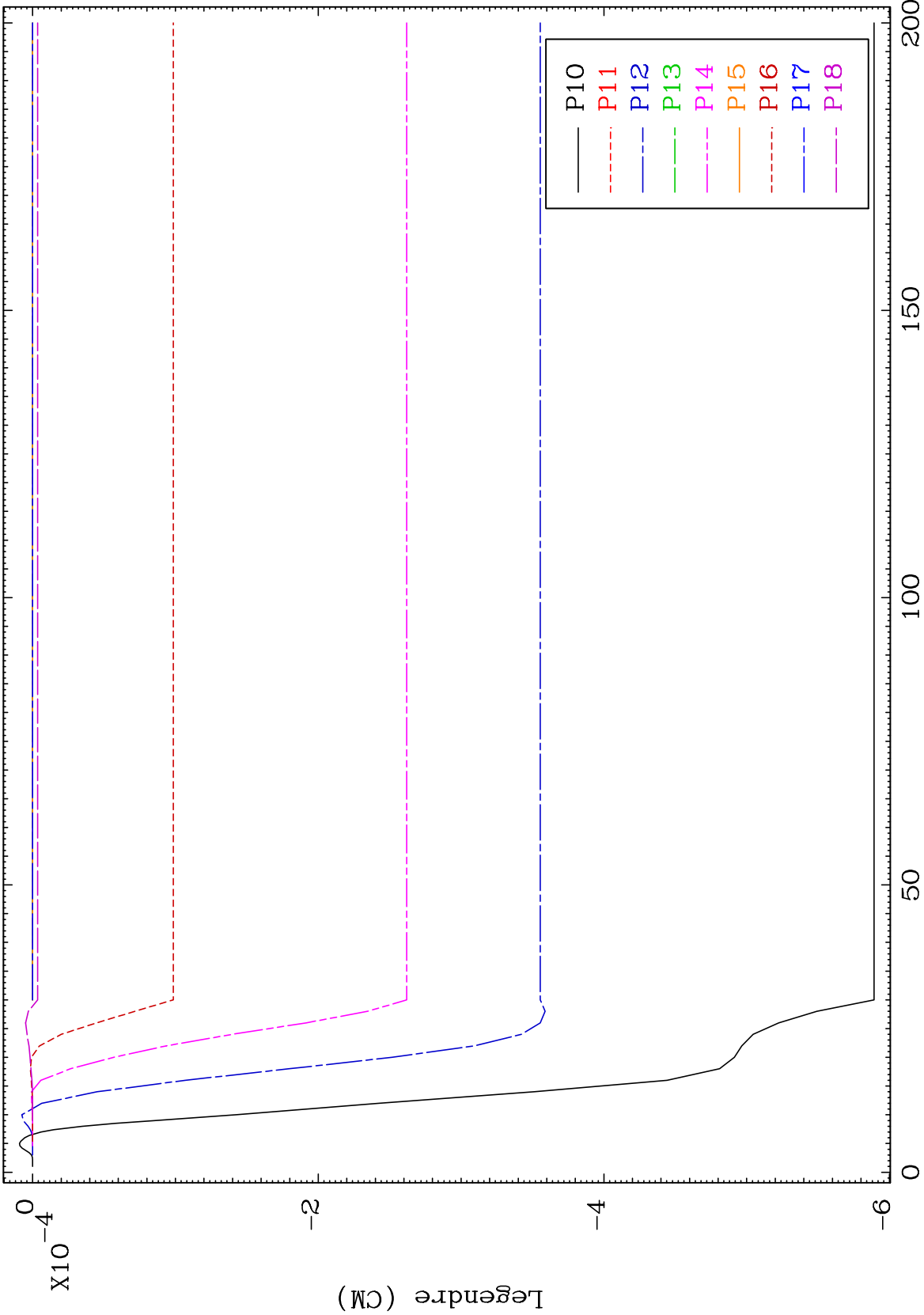
44

MAT 8104

MT= 58 (n,n') Level

81-Tl-196

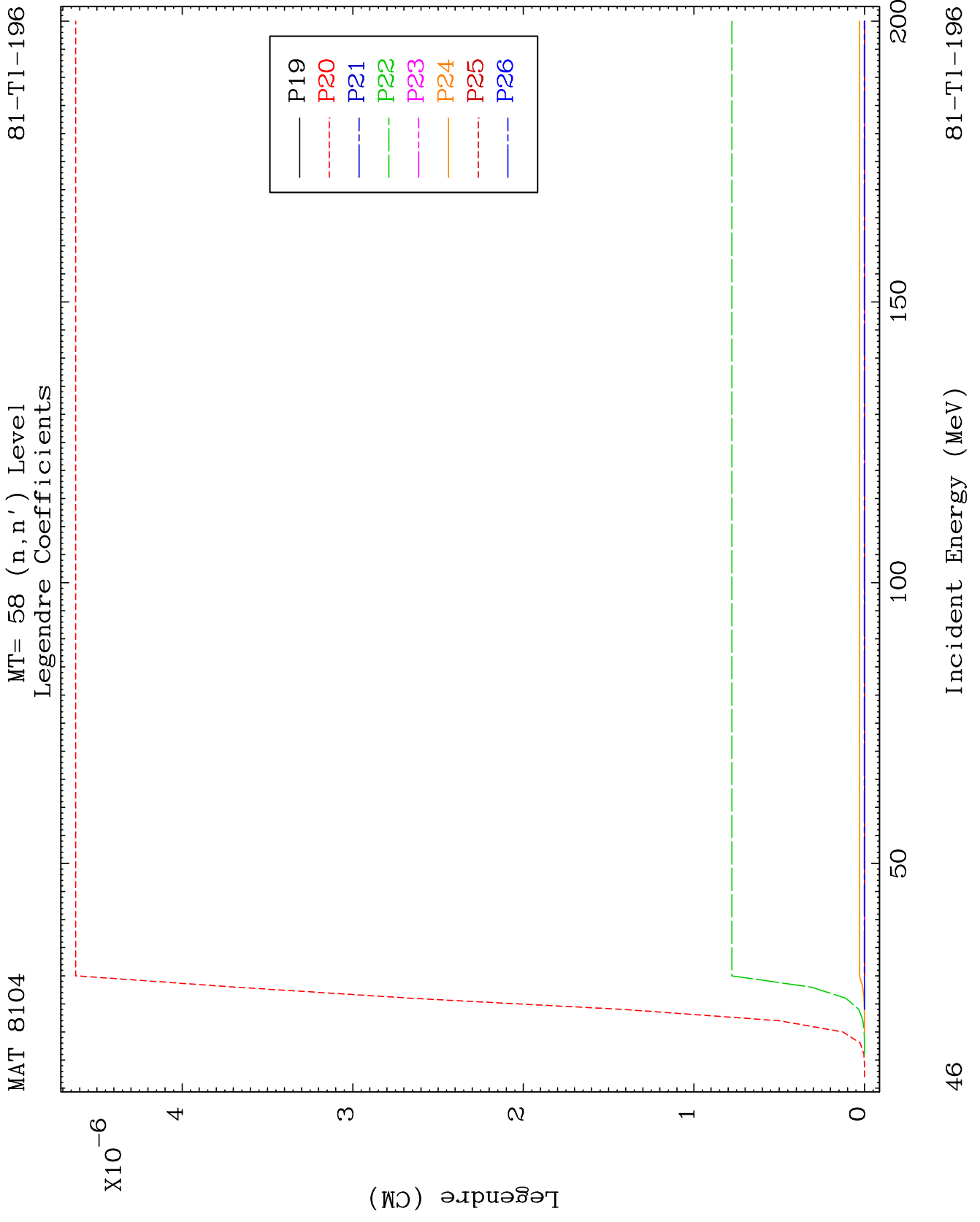
Legendre Coefficients



45

Incident Energy (MeV)

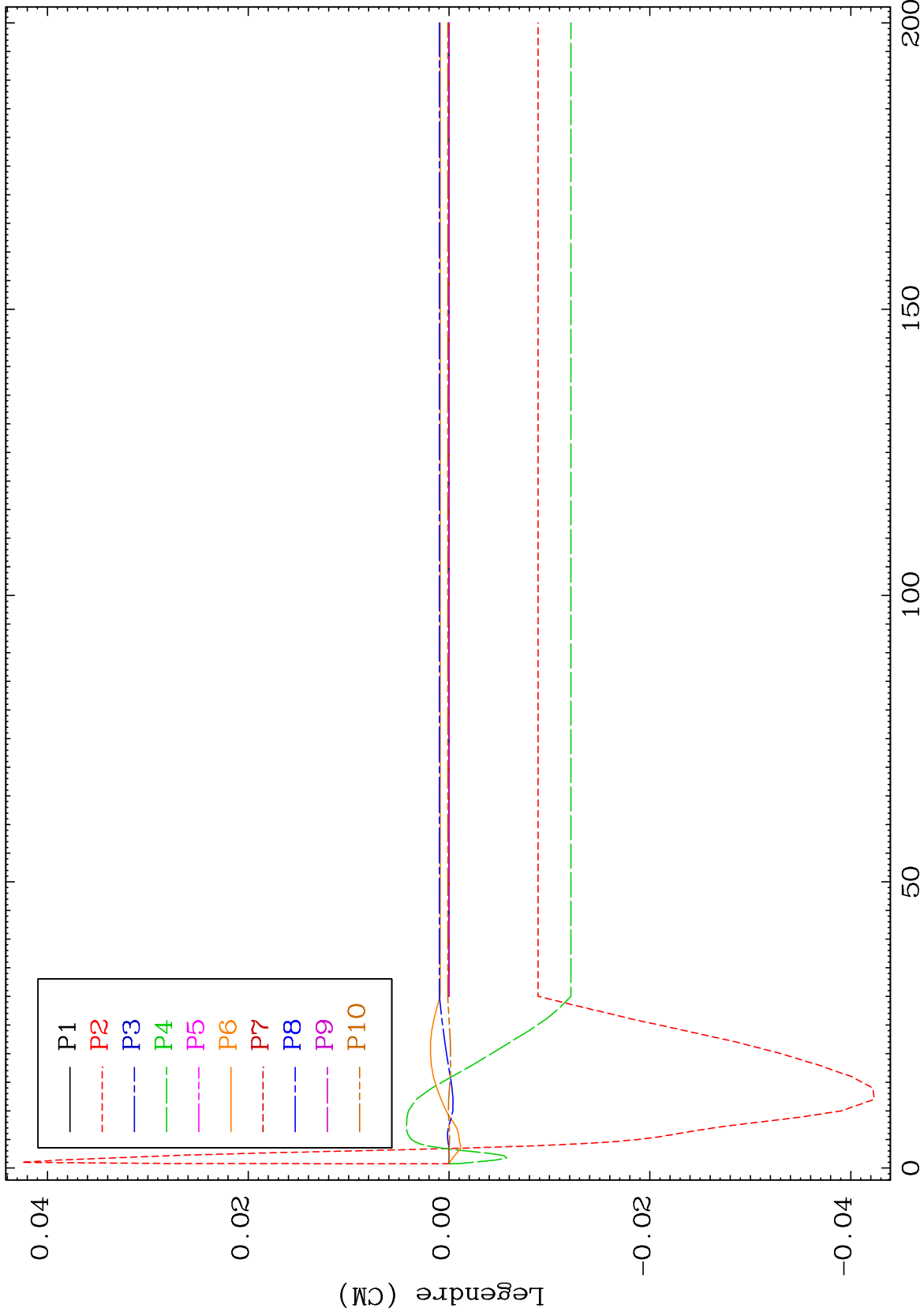
81-Tl-196



MAT 8104

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

81-T1-196



47

Incident Energy (MeV)

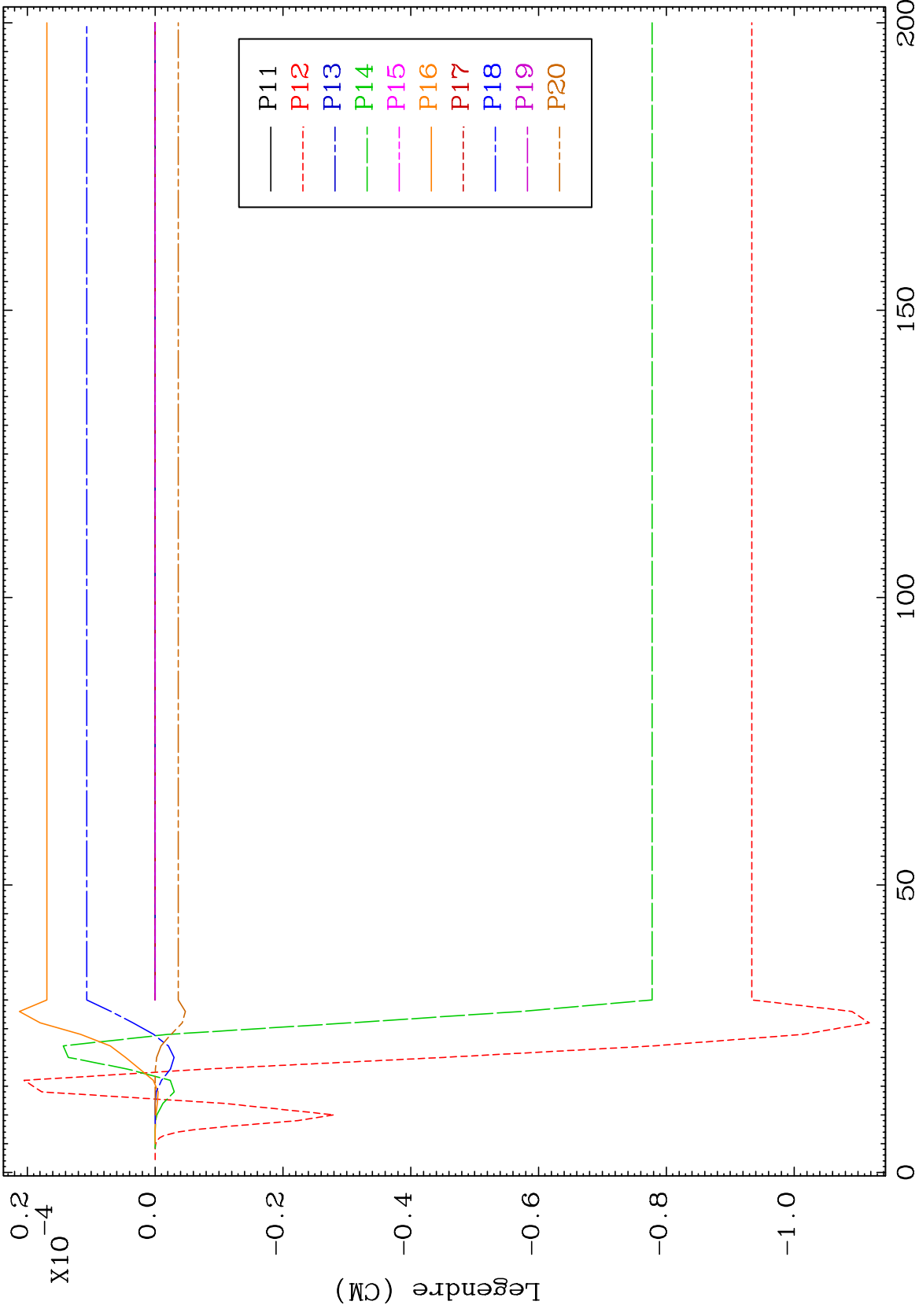
81-T1-196



MAT 8104

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

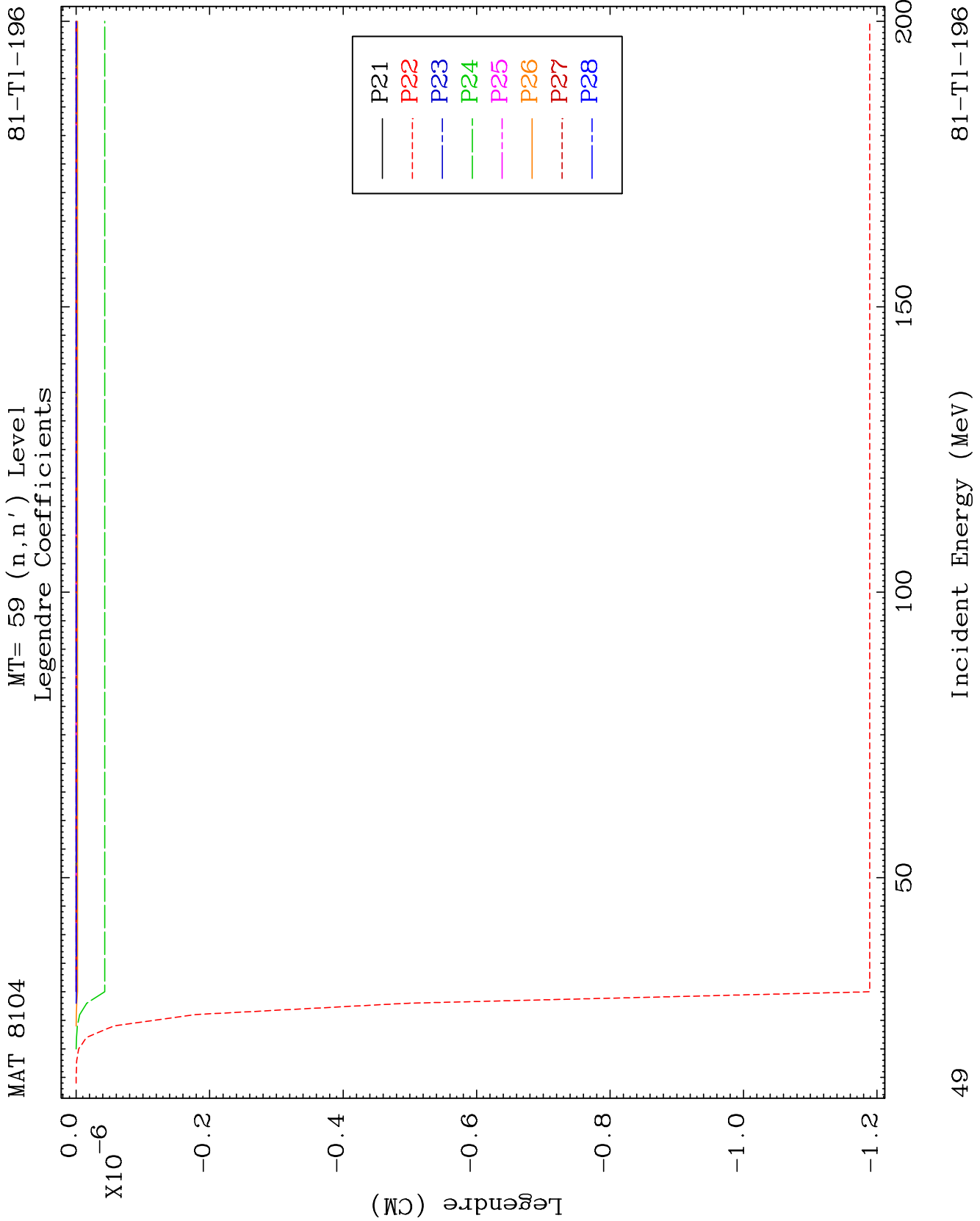
81-Tl-196



48

Incident Energy (MeV)

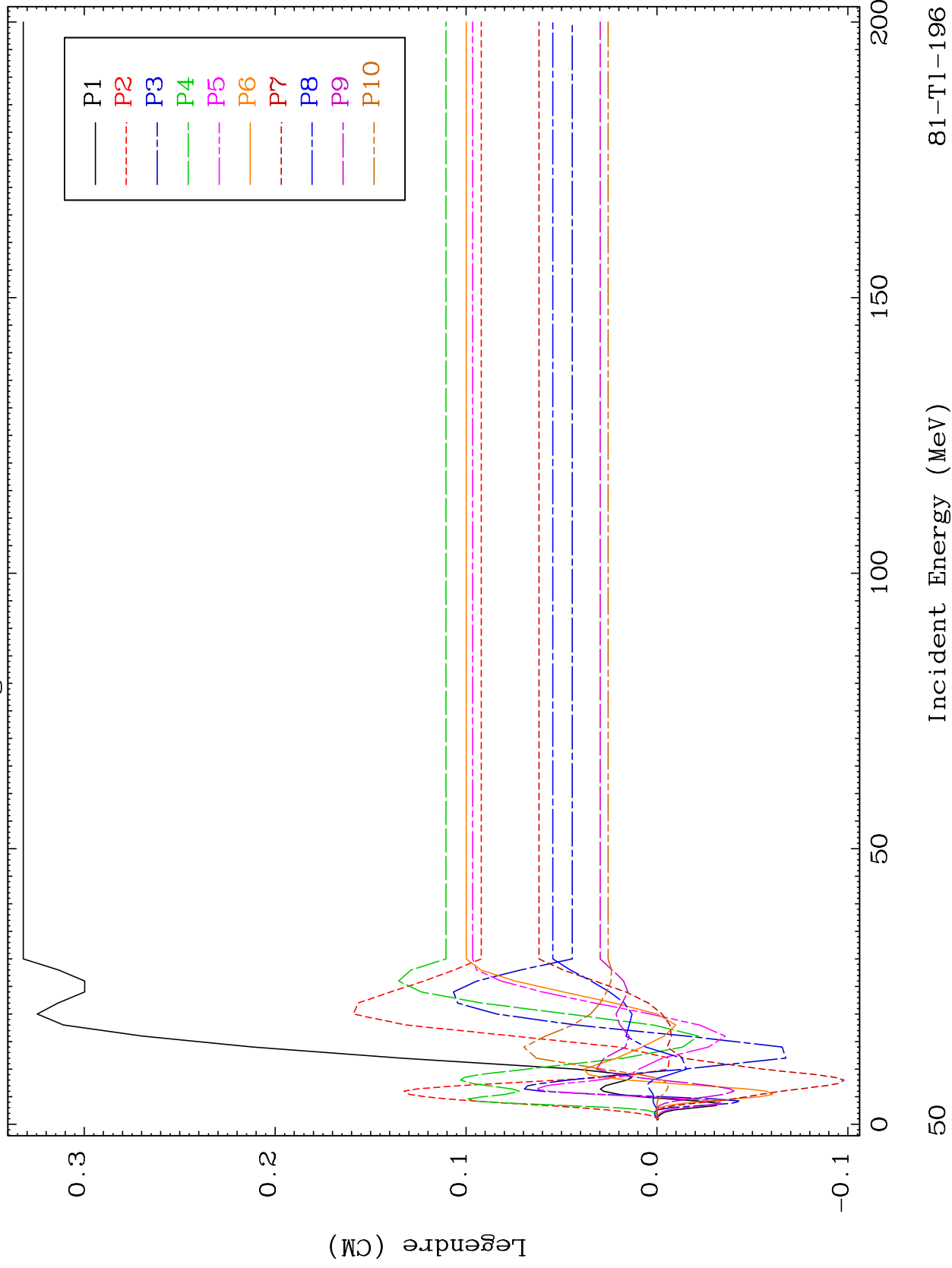
81-Tl-196



MAT 8104

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

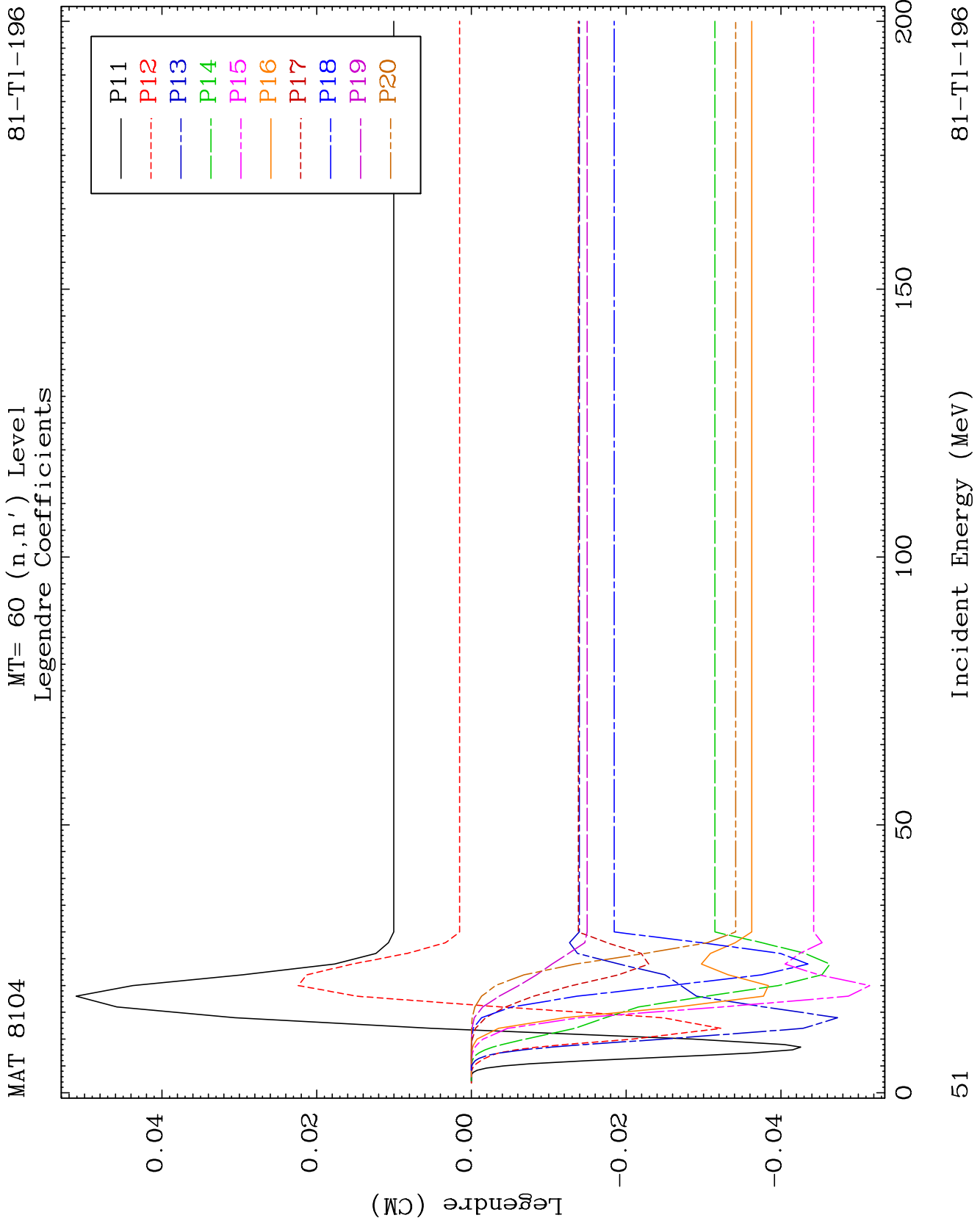
81-Tl-196



81-Tl-196

Incident Energy (MeV)

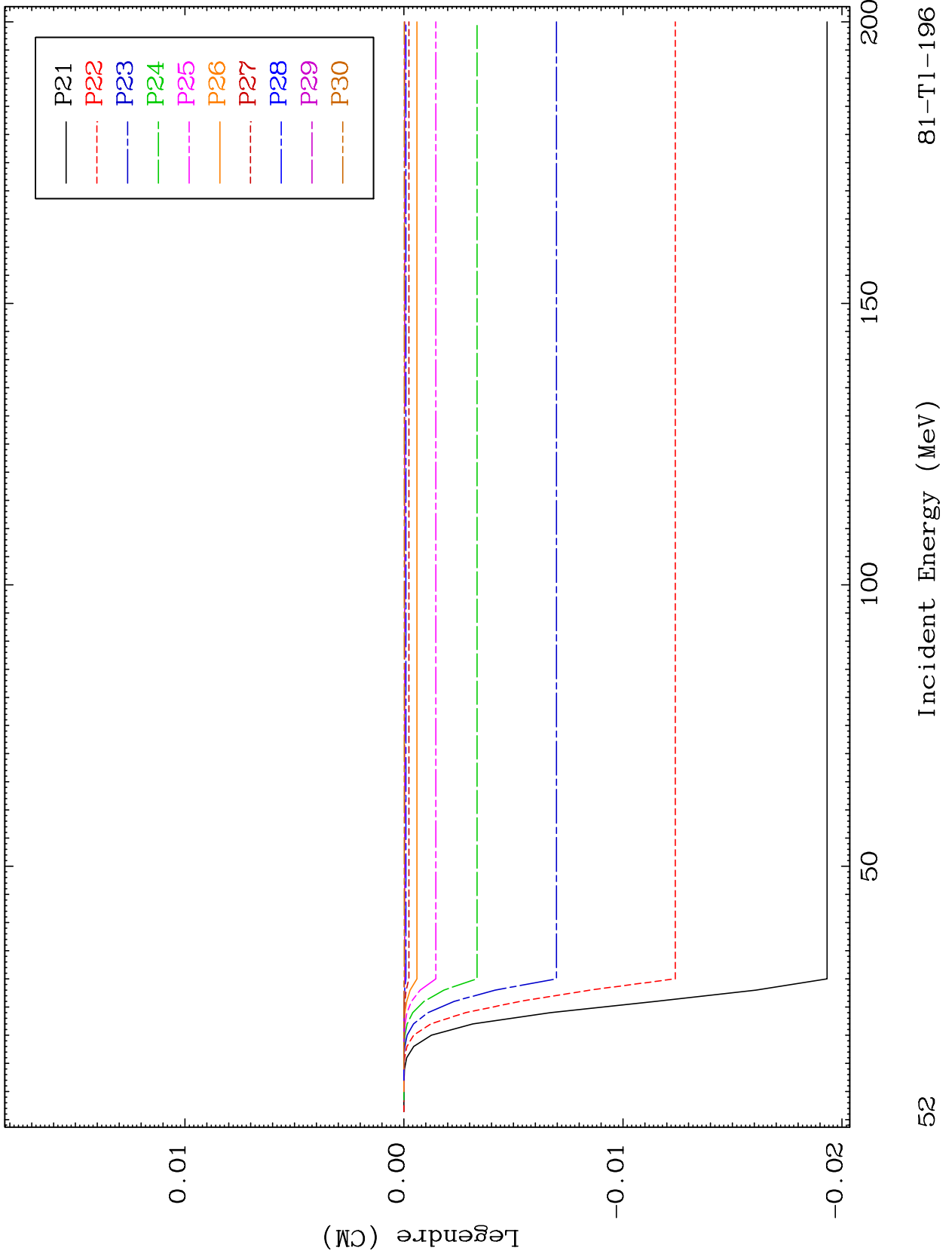
50



MAT 8104

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

81-T1-196



52

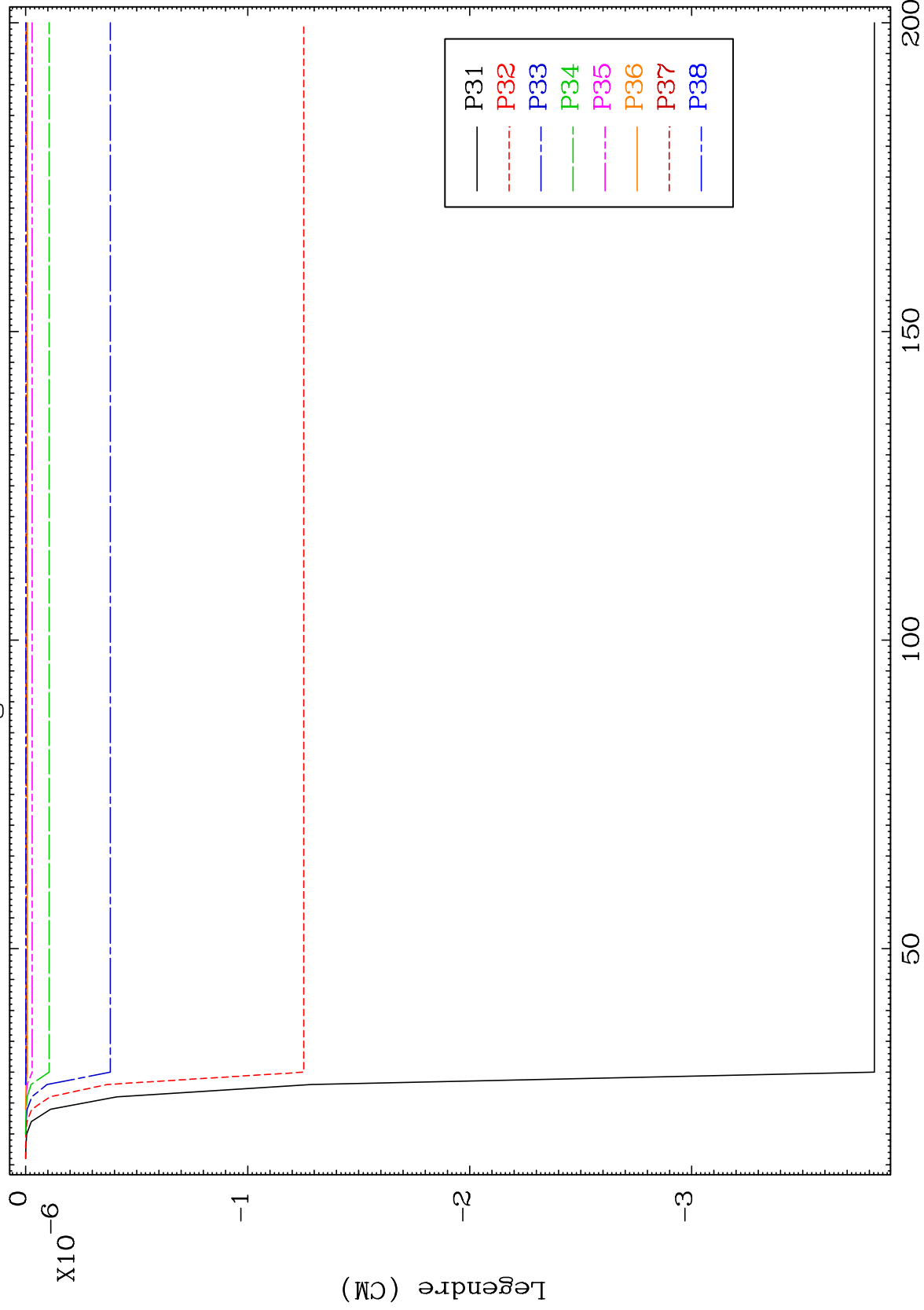
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



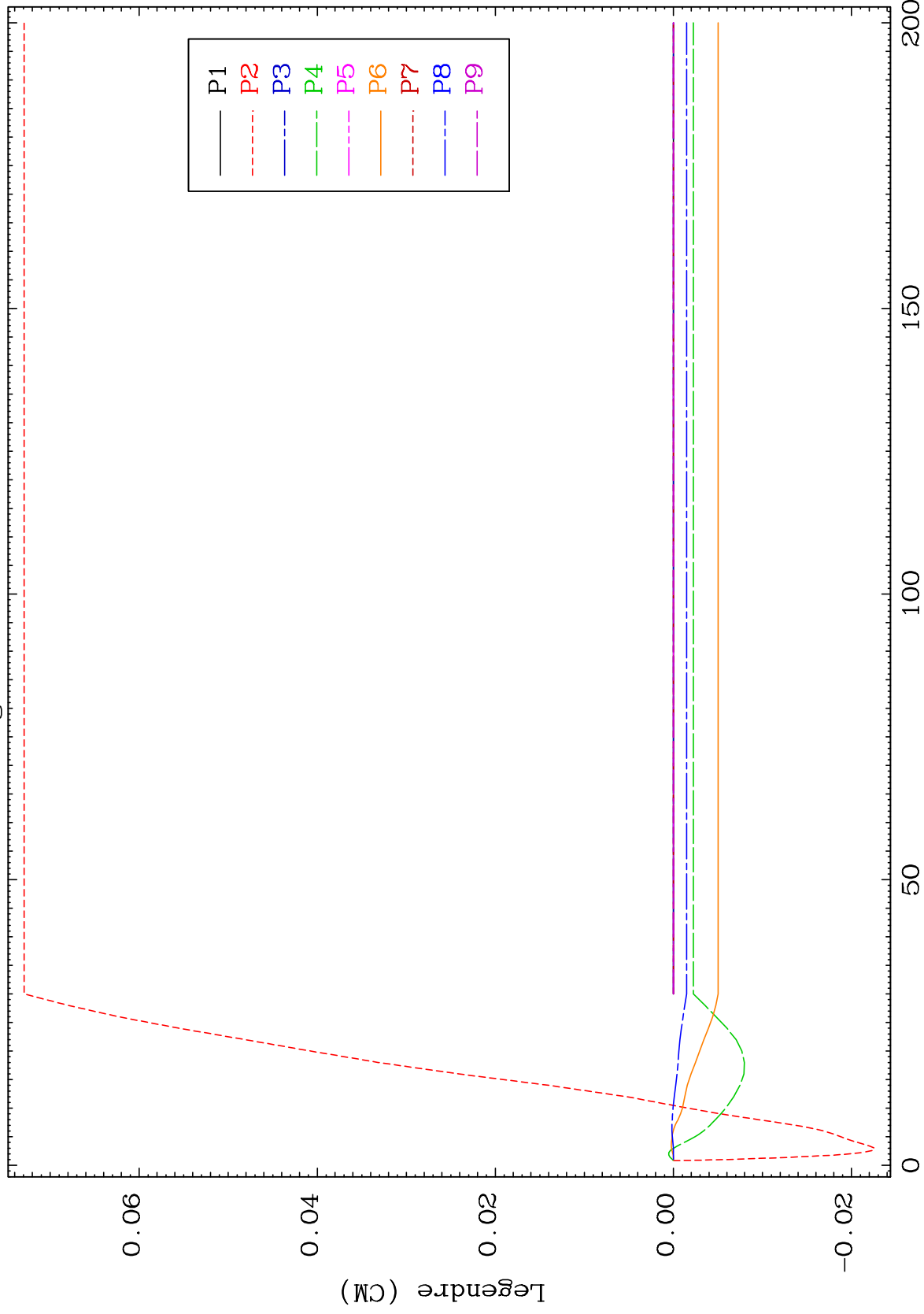
53

81-T1-196

MAT 8104

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

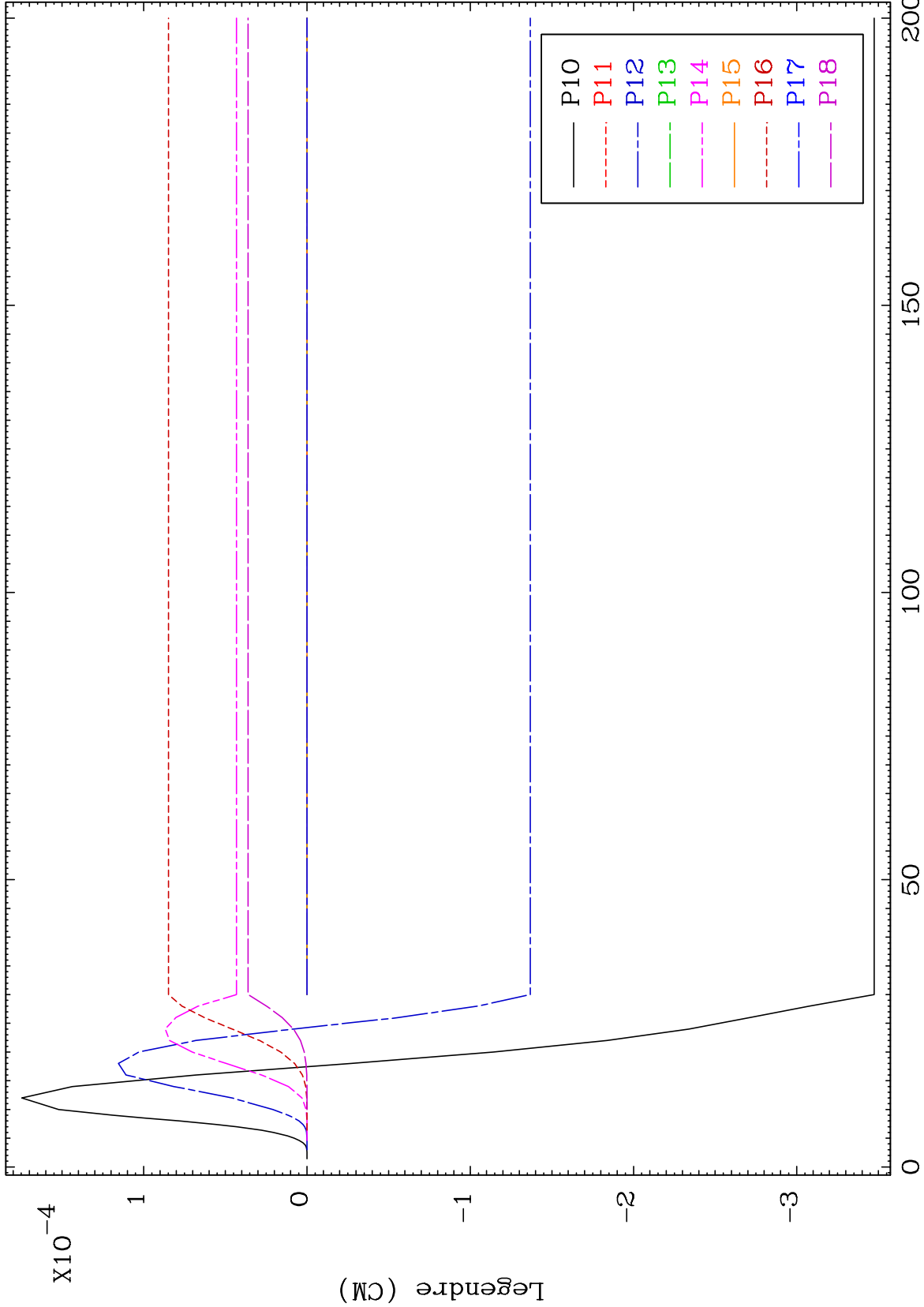
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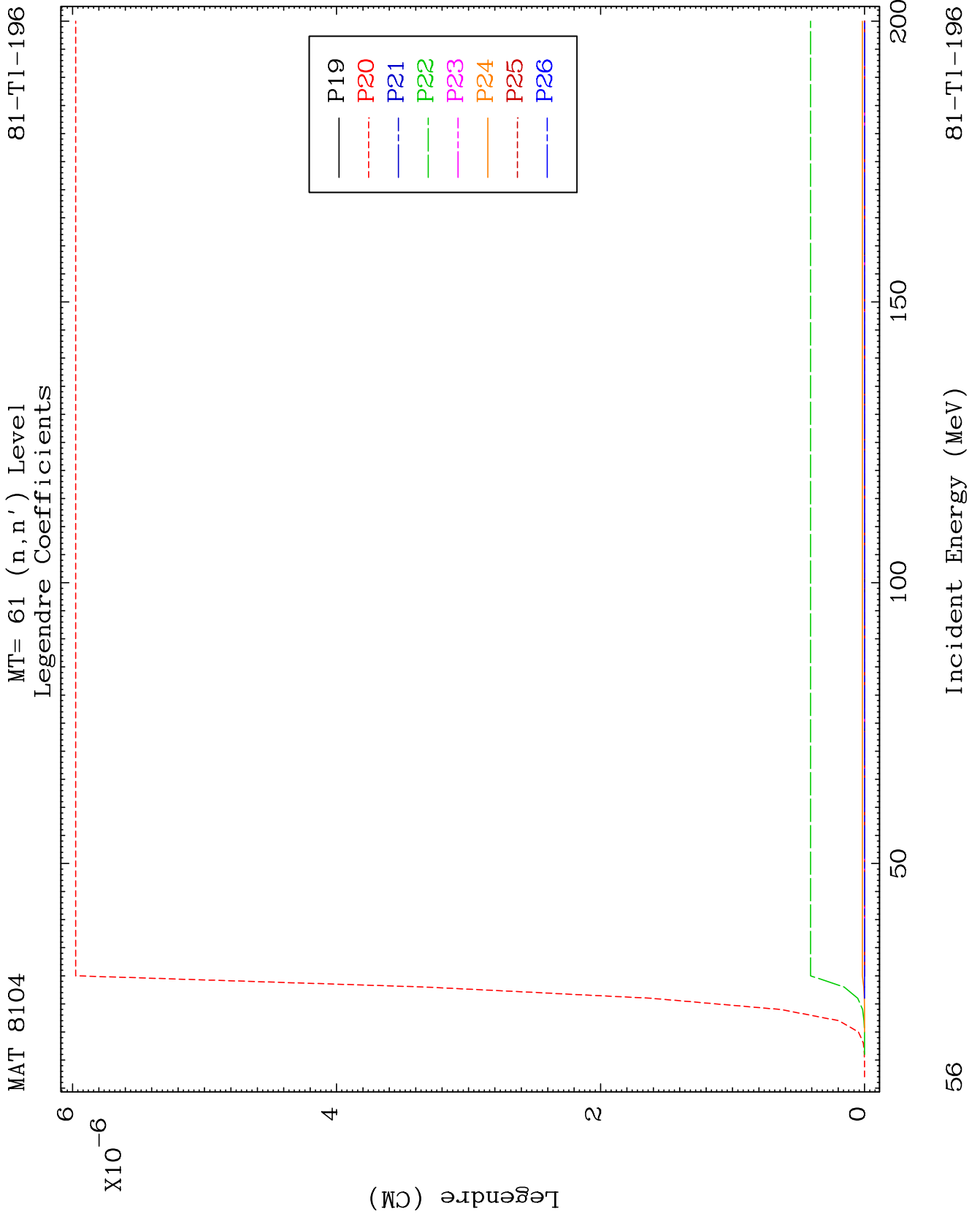
54

Incident Energy (MeV)

81-T1-196



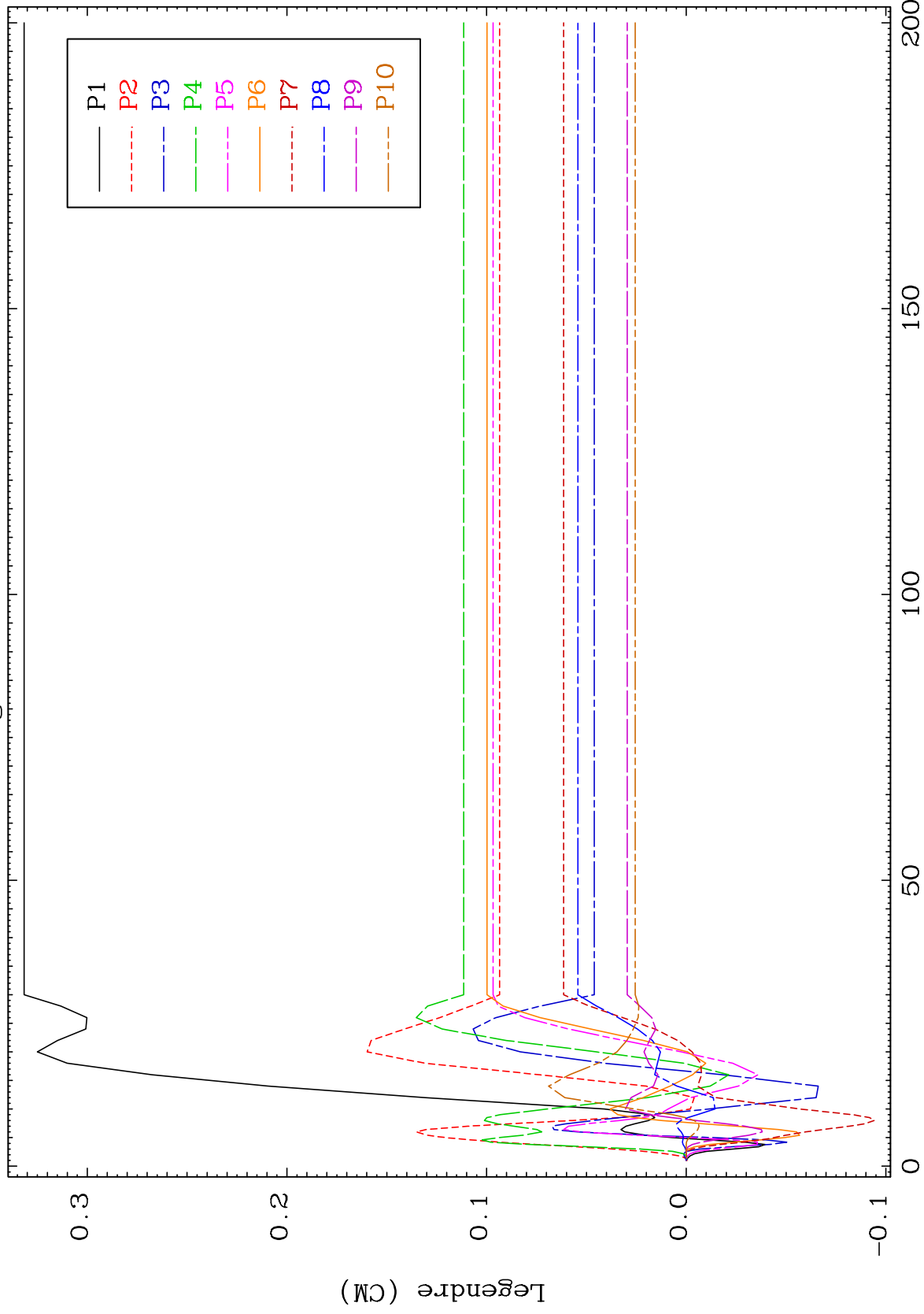




MAT 8104

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

81-T1-196



57

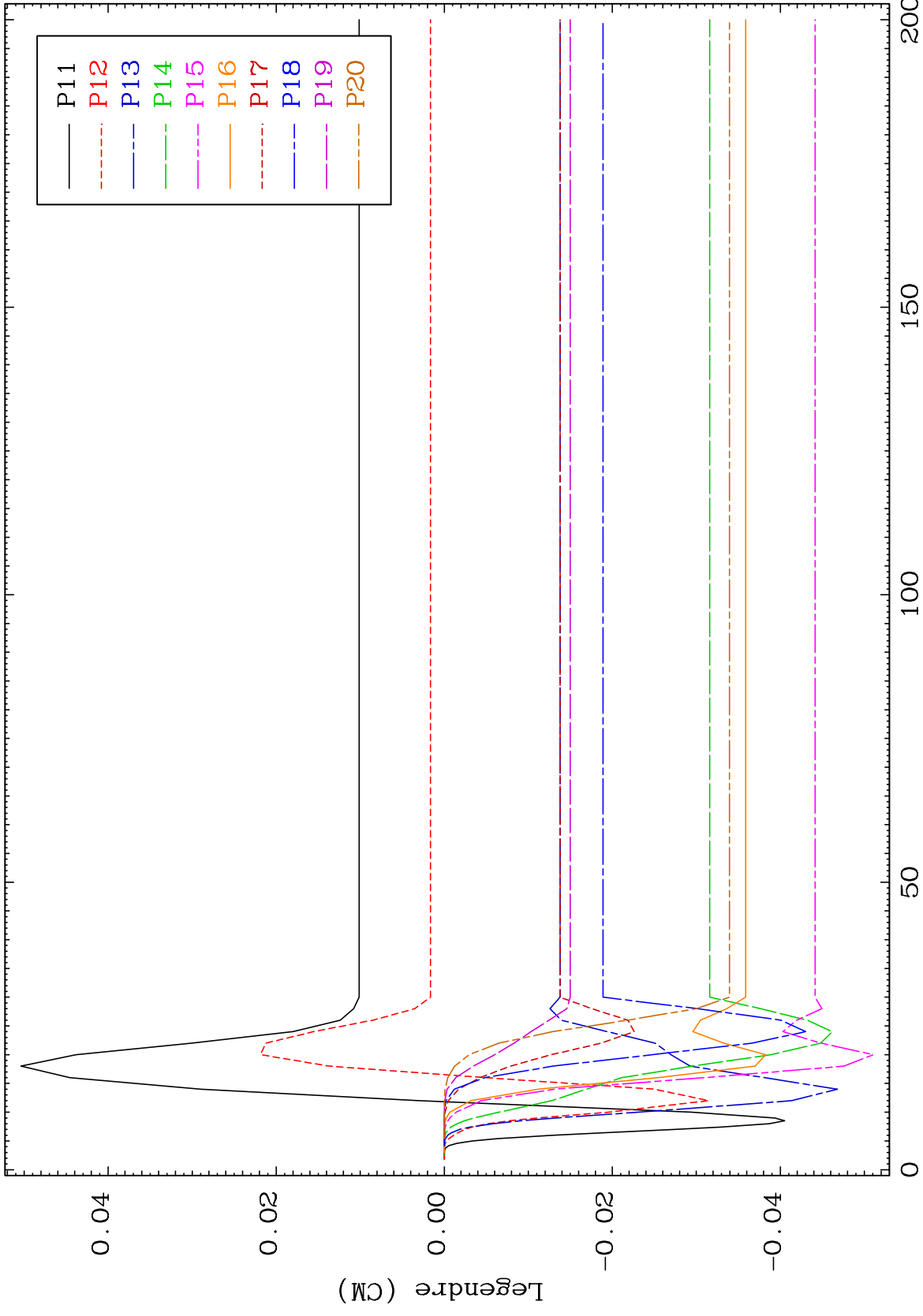
Incident Energy (MeV)

81-T1-196

MAT 8104

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

81-T1-196



58

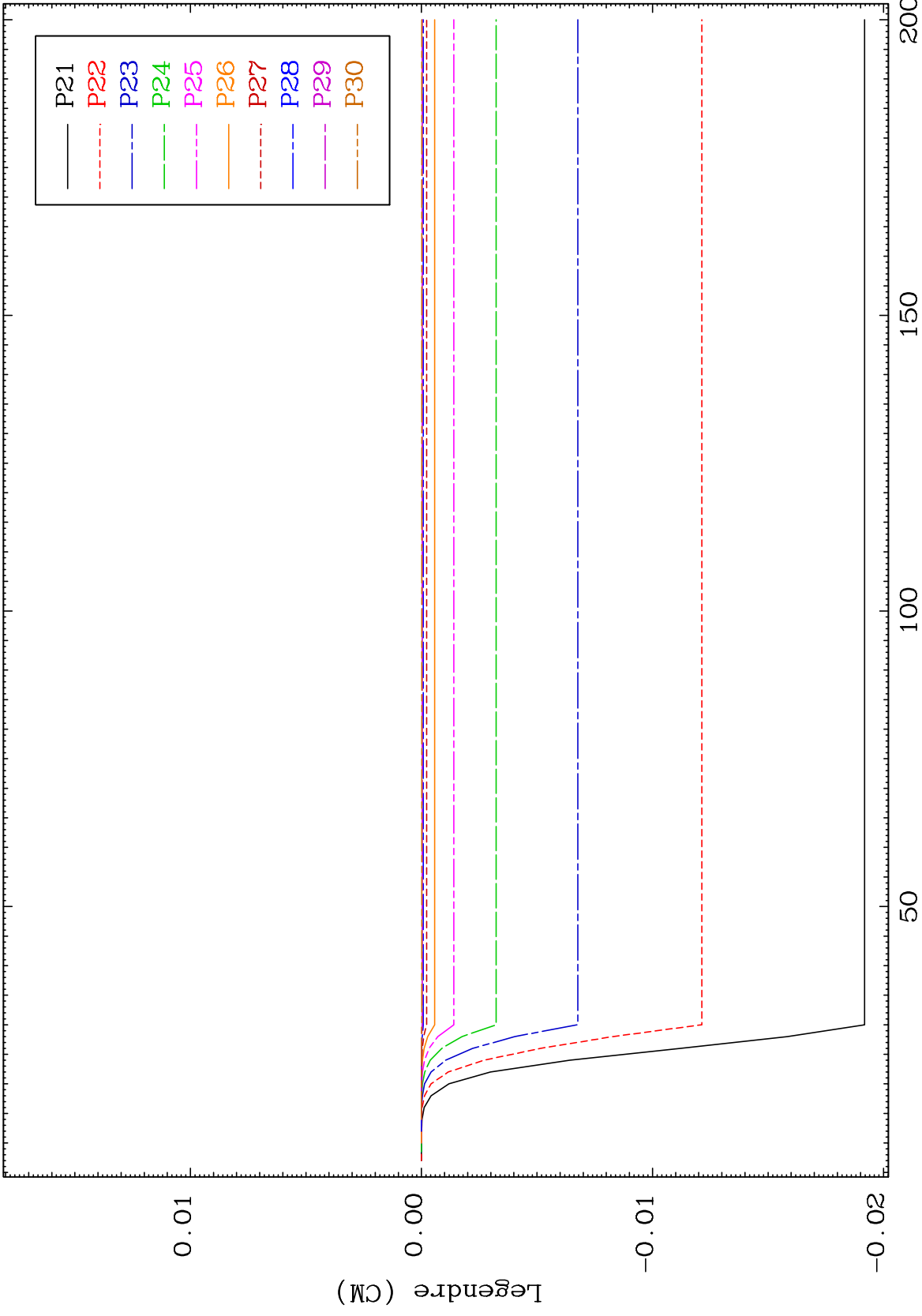
Incident Energy (MeV)

81-T1-196

MAT 8104

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

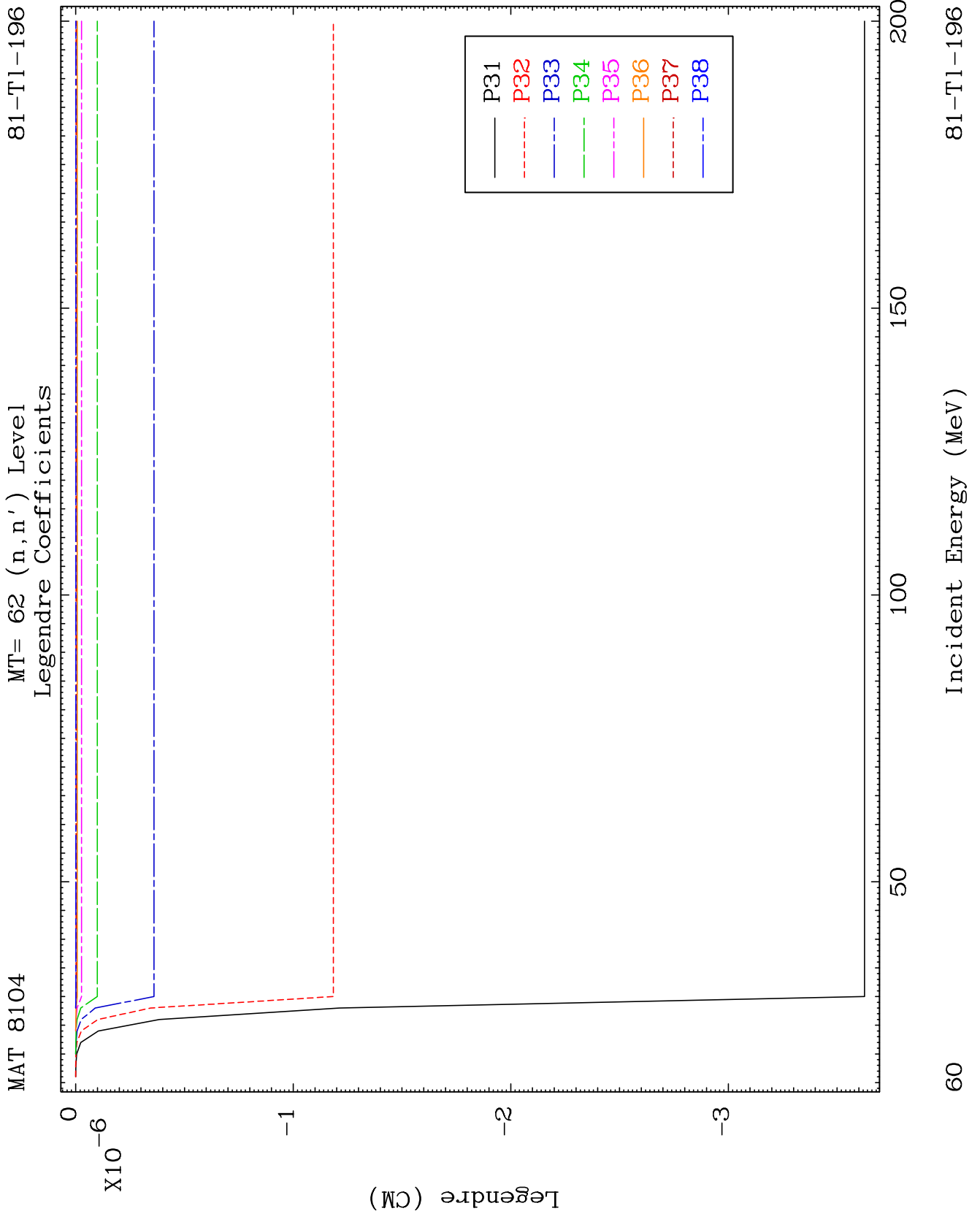
81-Tl-196



59

Incident Energy (MeV)

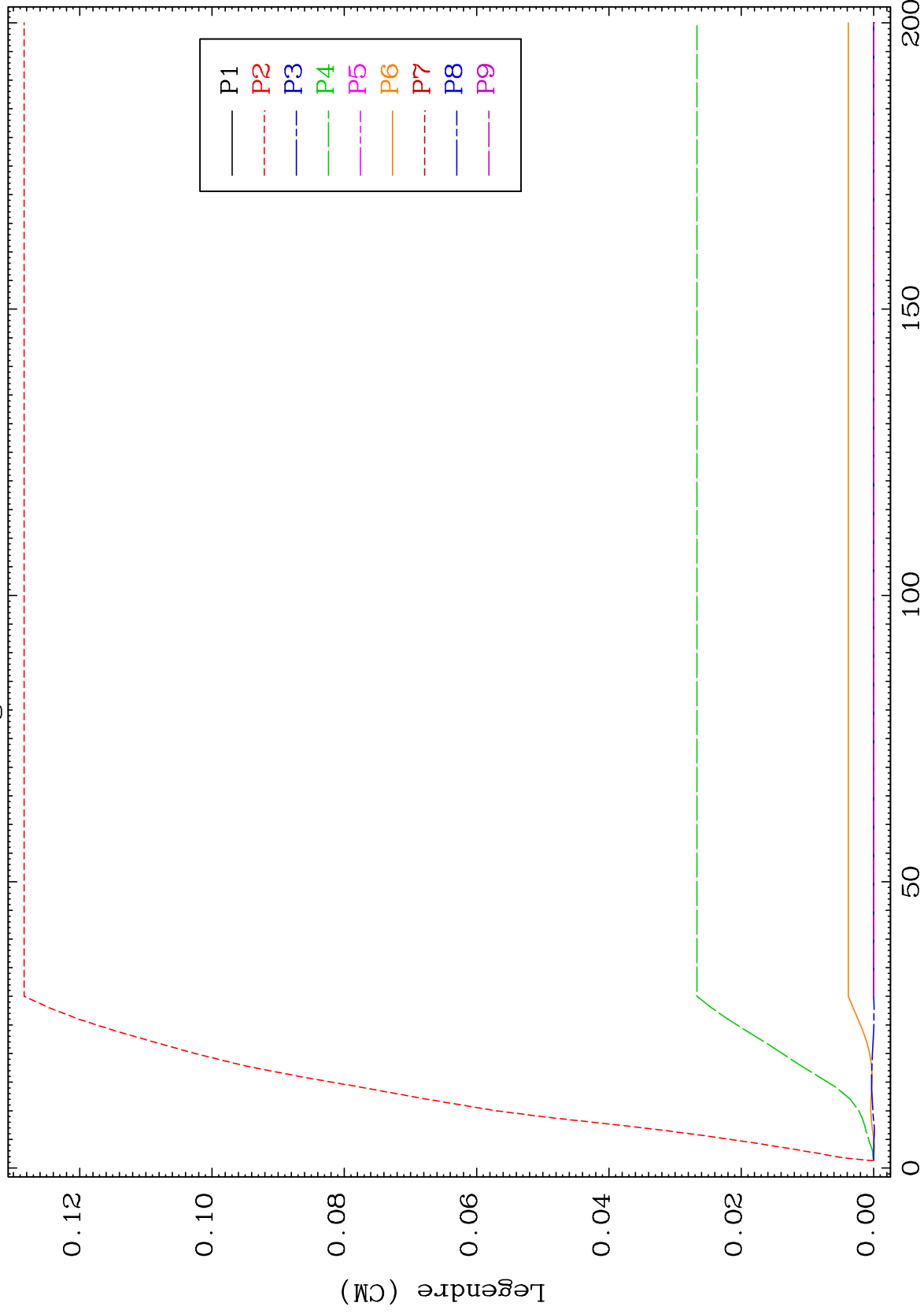
81-Tl-196



MAT 8104

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

81-T1-196



61

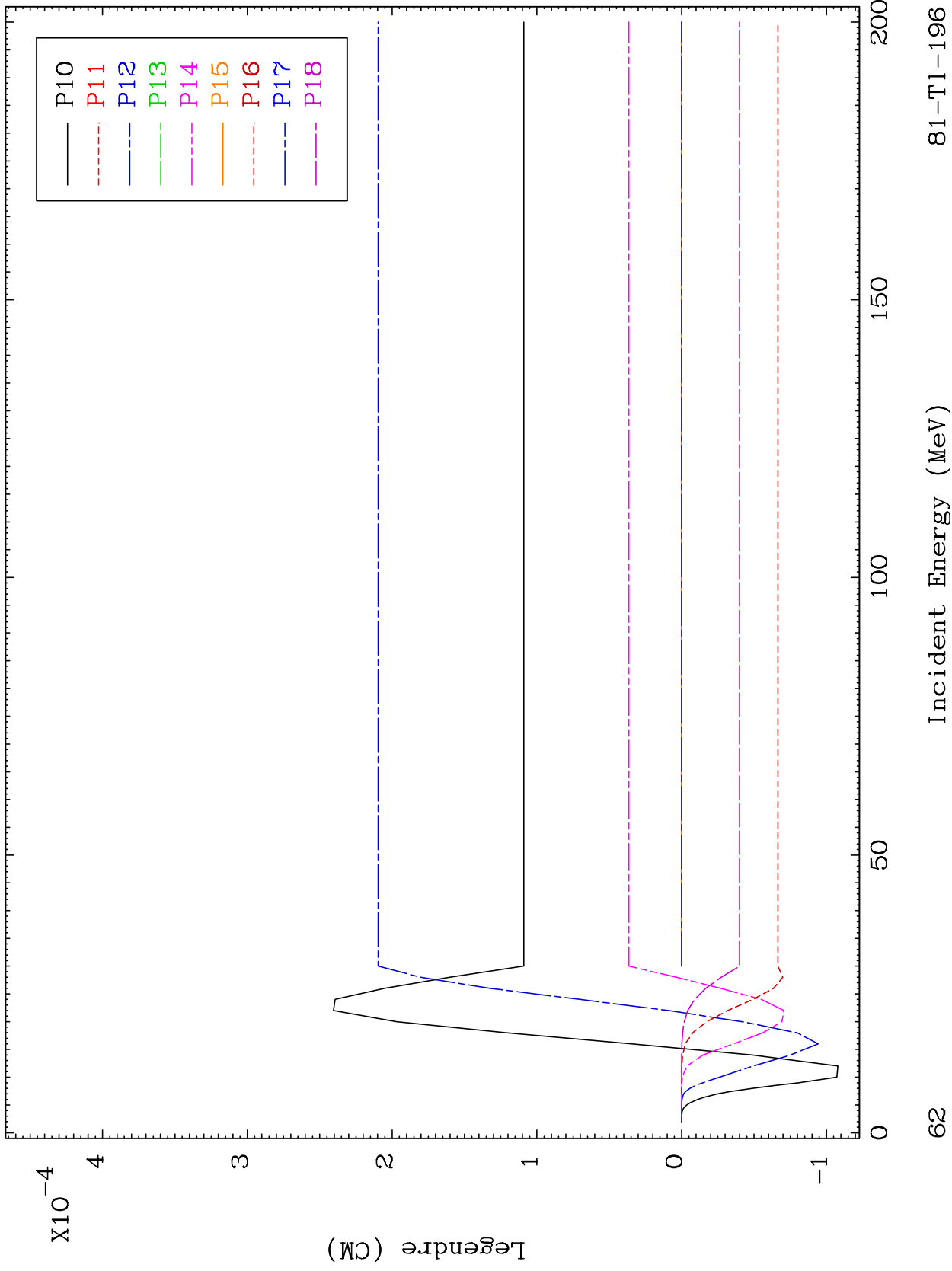
Incident Energy (MeV)

81-T1-196

MAT 8104

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

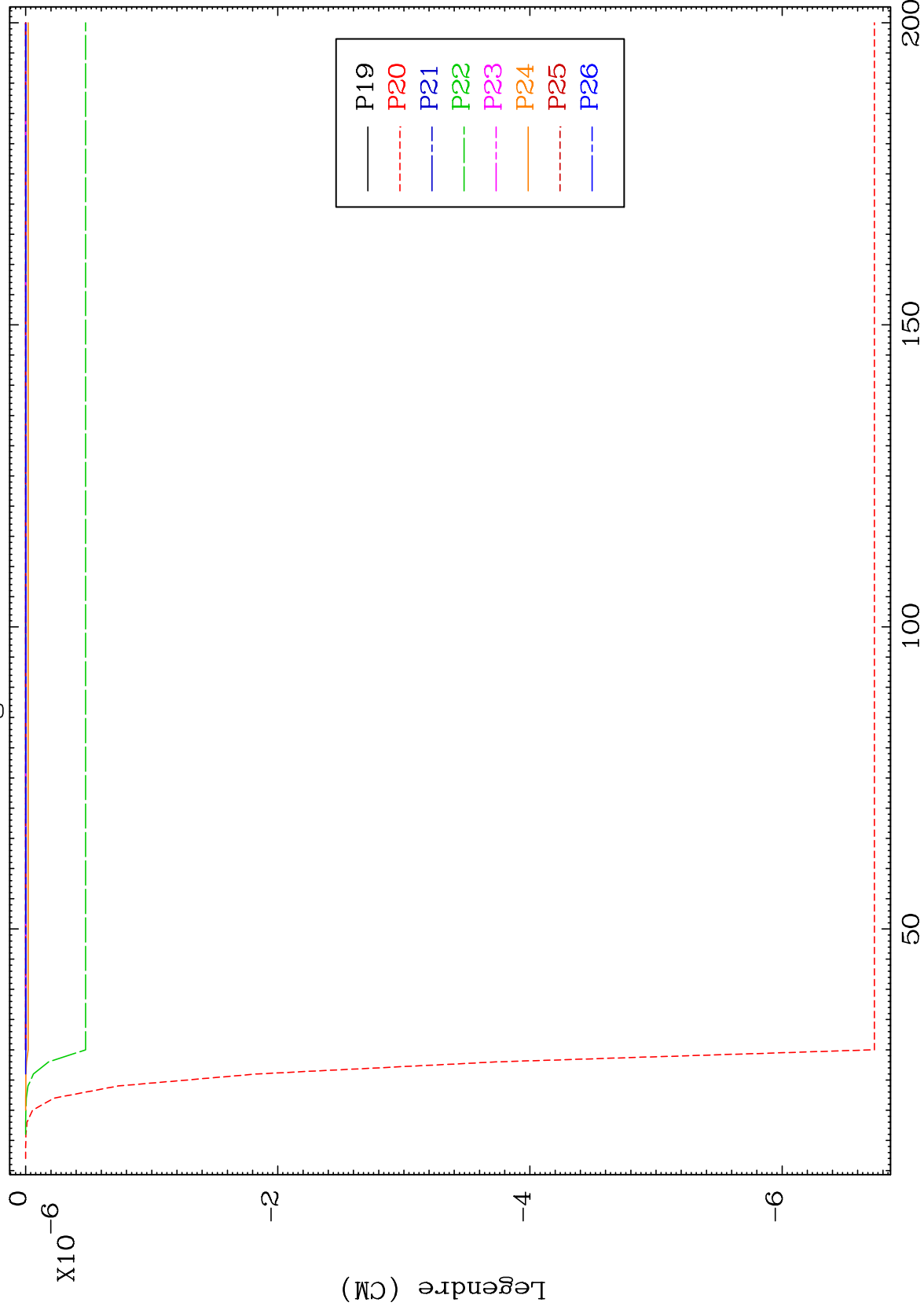
81-T1-196



MAT 8104

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

81-T1-196



63

Incident Energy (MeV)

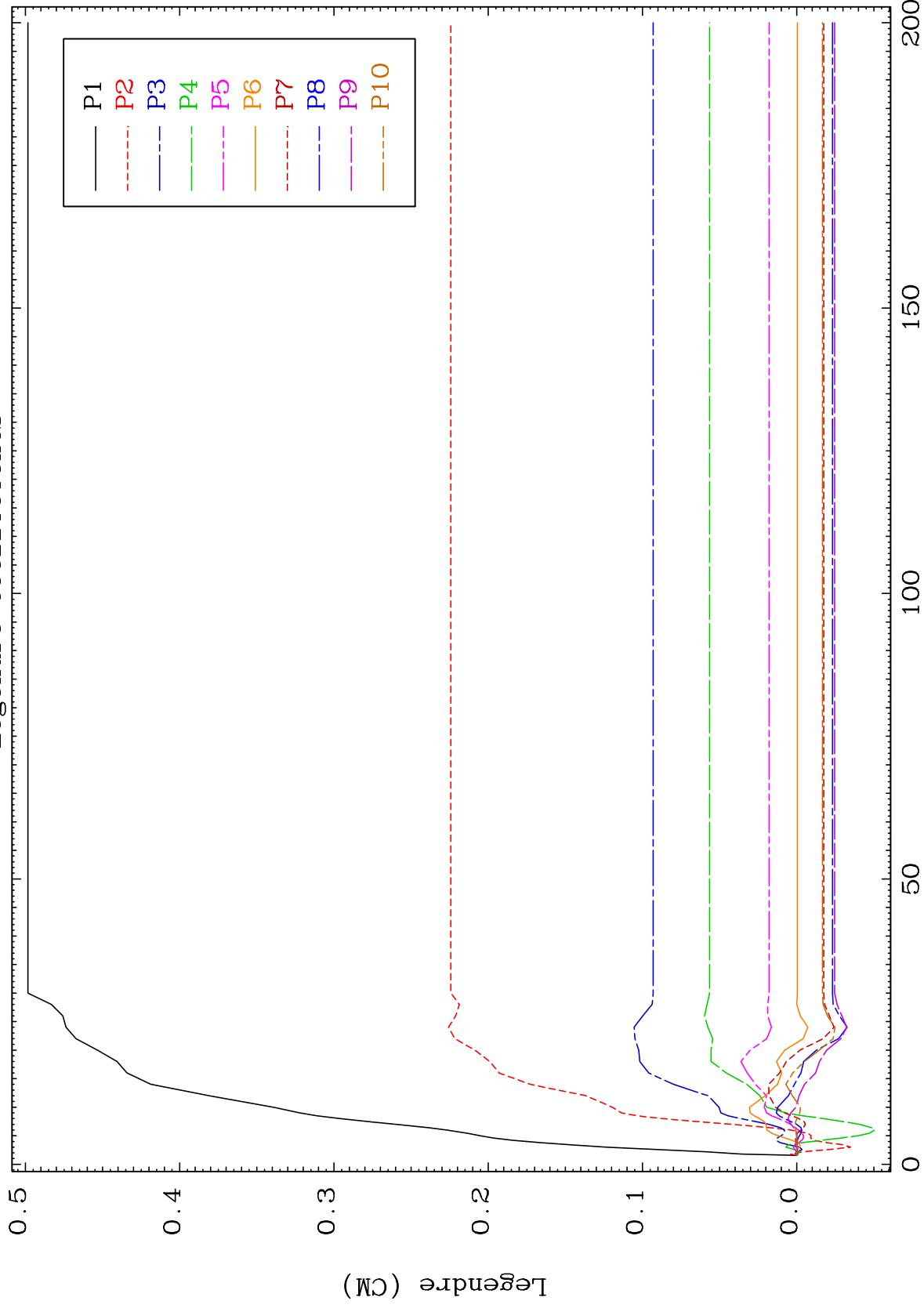
81-T1-196



MAT 8104

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

81-T1-196



64

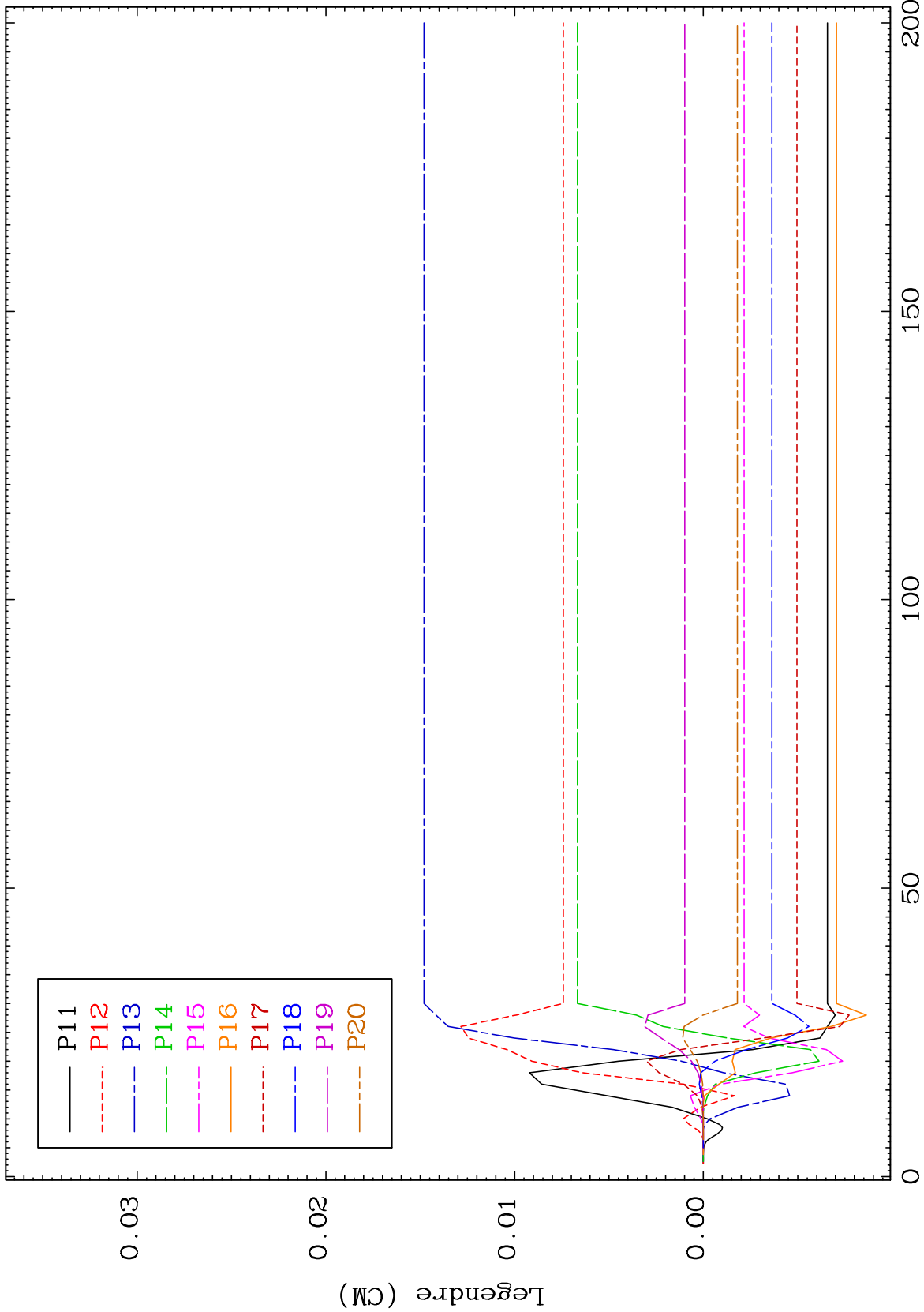
Incident Energy (MeV)

81-T1-196

MAT 8104

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

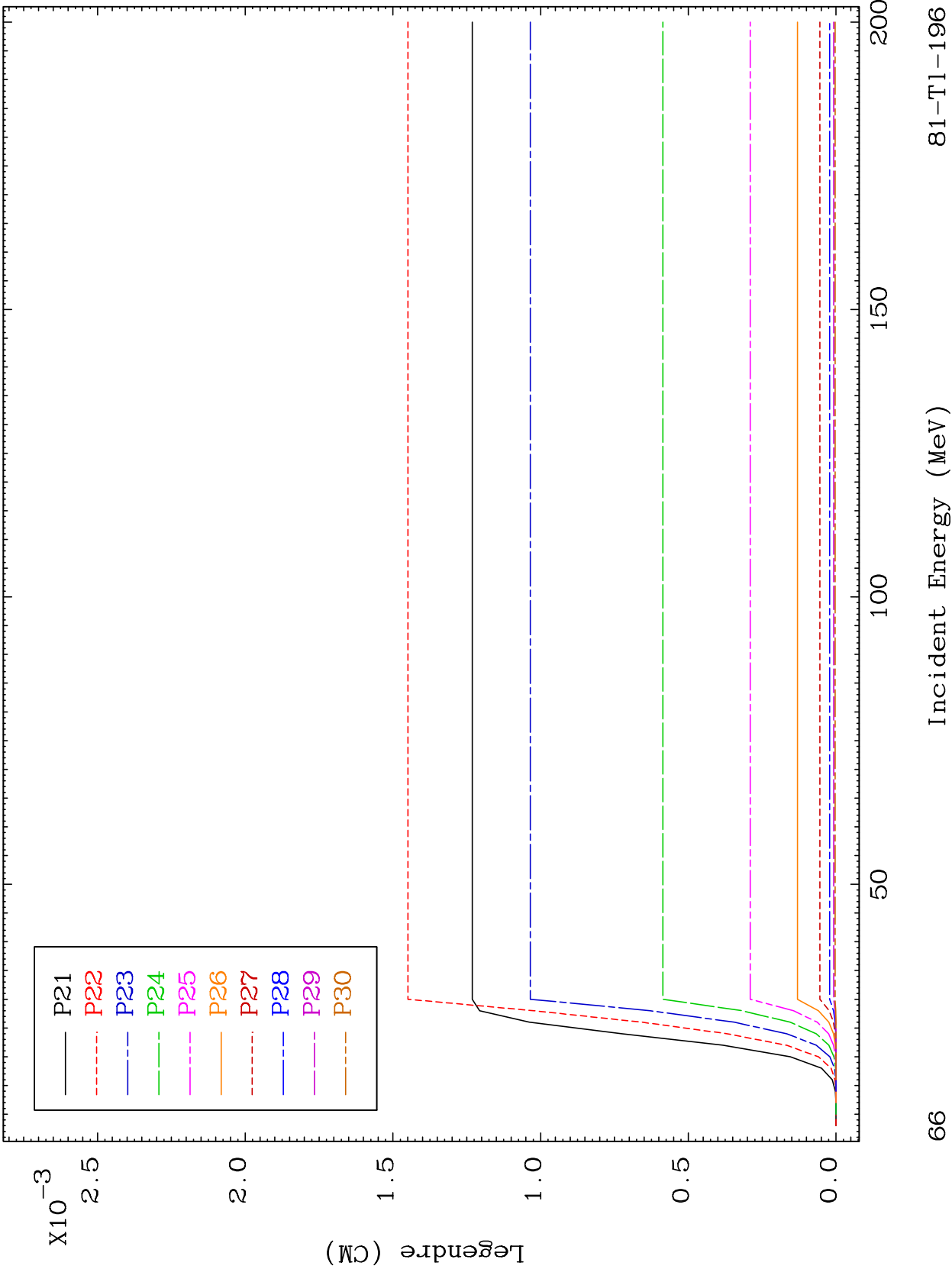
81-Tl-196



65

Incident Energy (MeV)

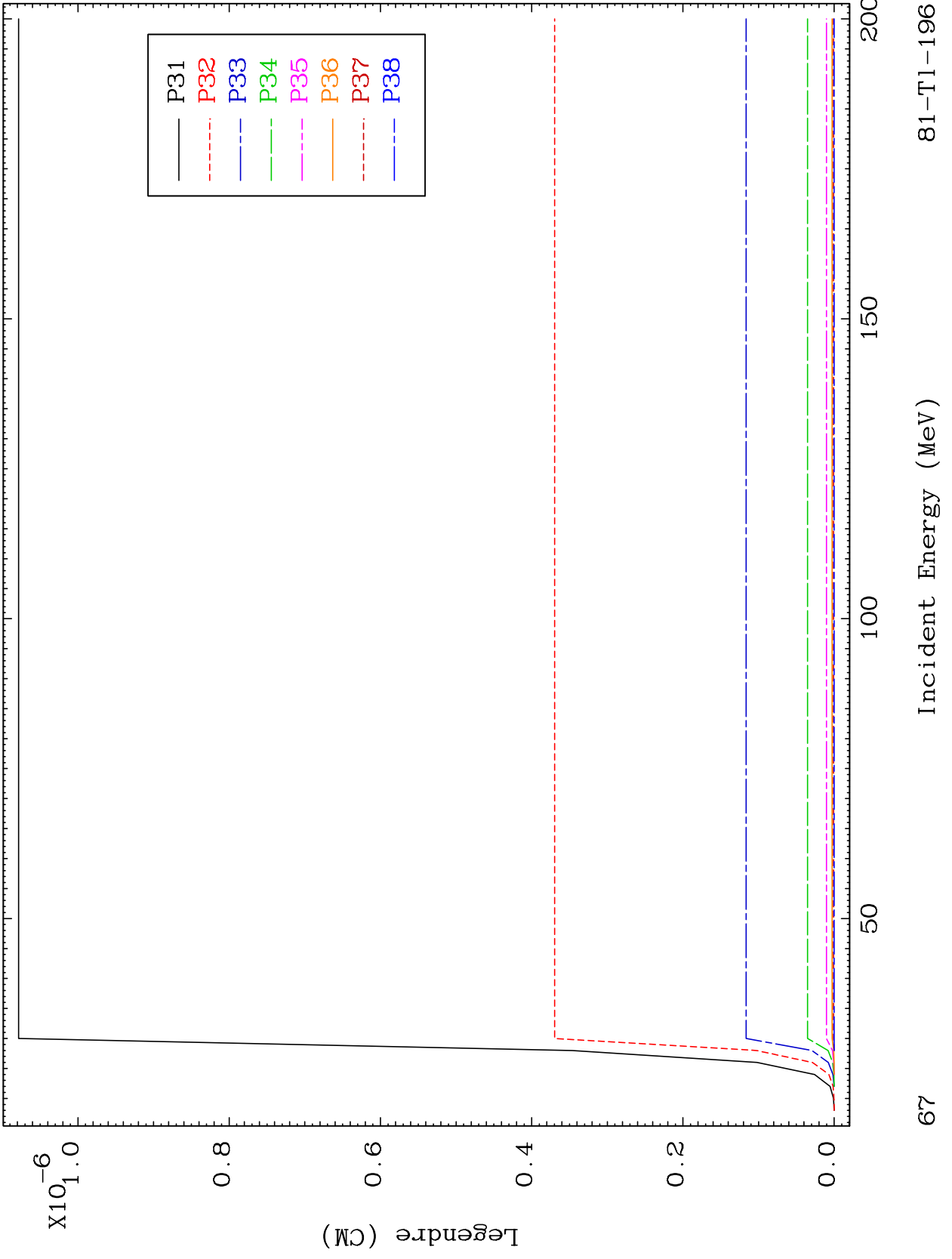
81-Tl-196



MAT 8104

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

81-T1-196



67

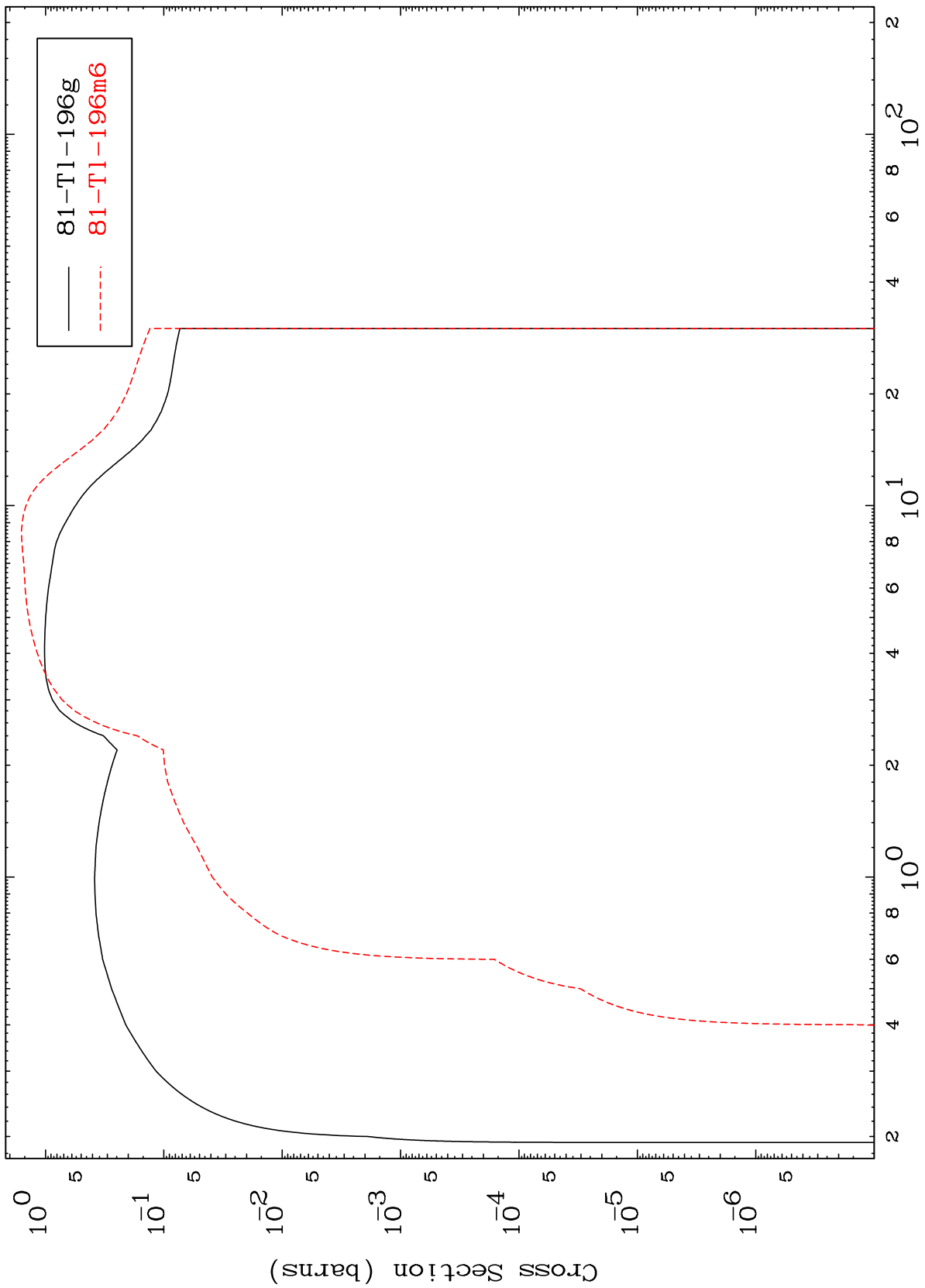
Incident Energy (MeV)

81-T1-196

MAT 8104

81-Tl-196

Inelastic  
Radionuclide Production Cross Section

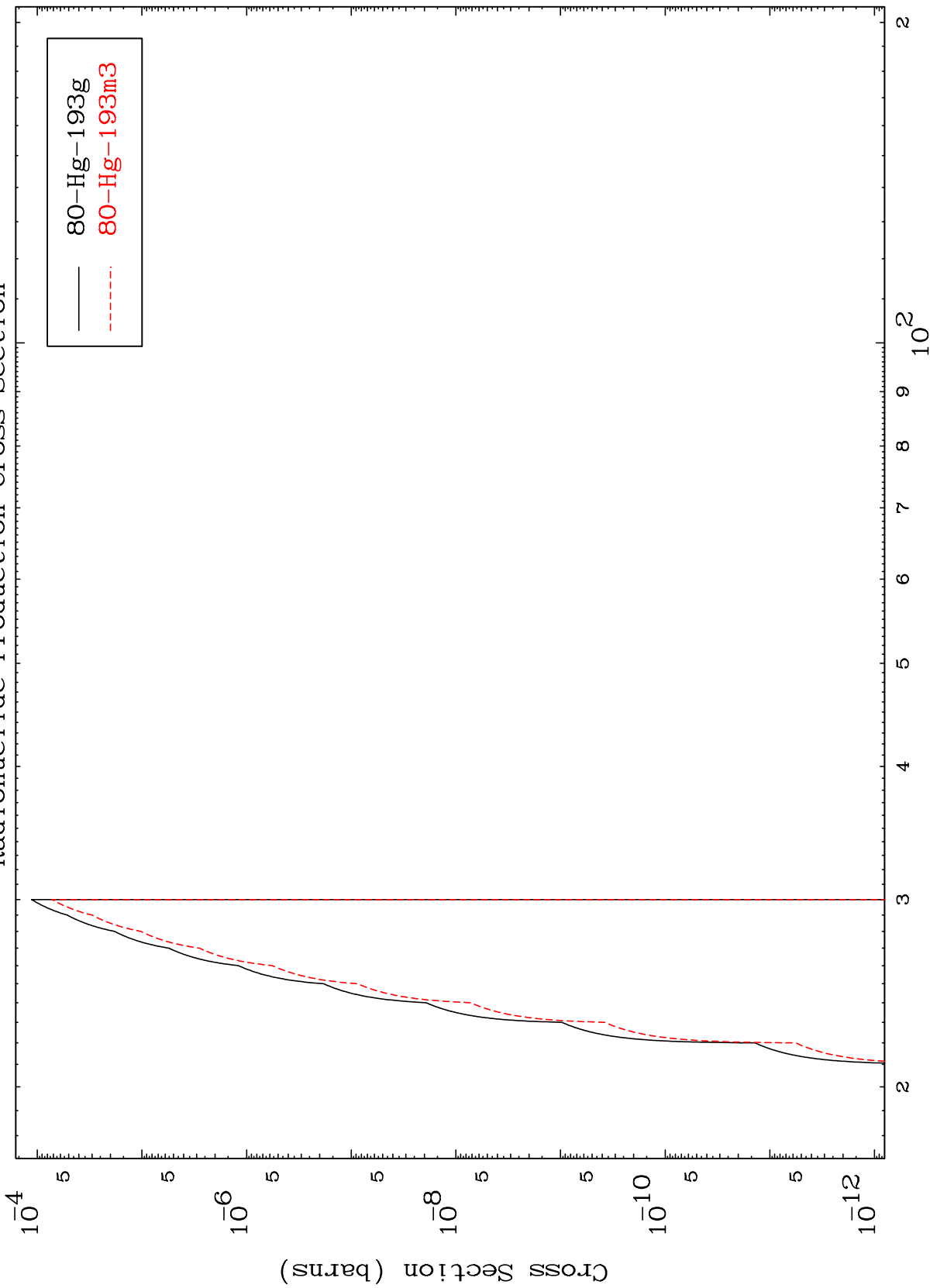


68

81-Tl-196

Incident Energy (MeV)

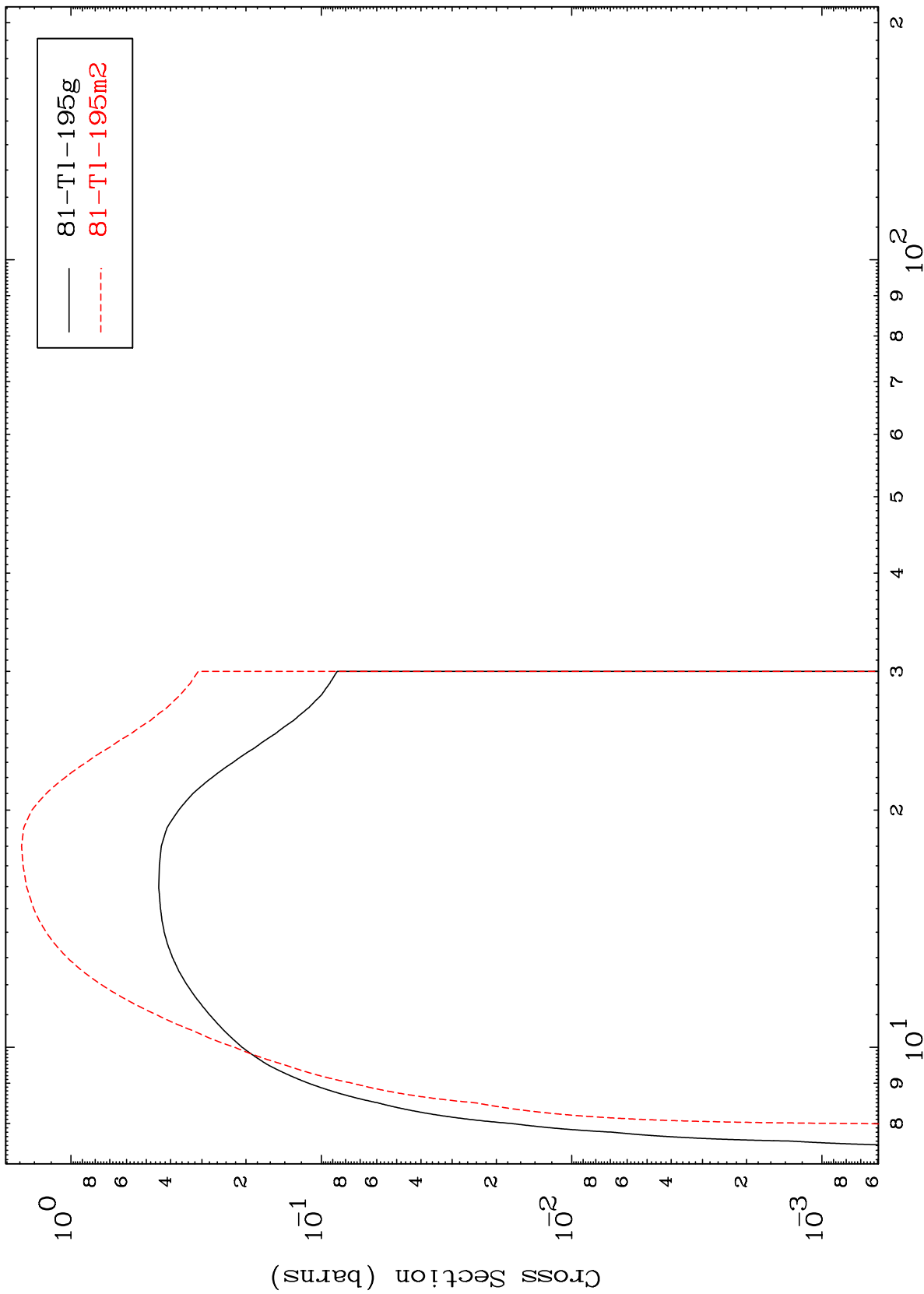
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(n,2n)  
Radionuclide Production Cross Section



70

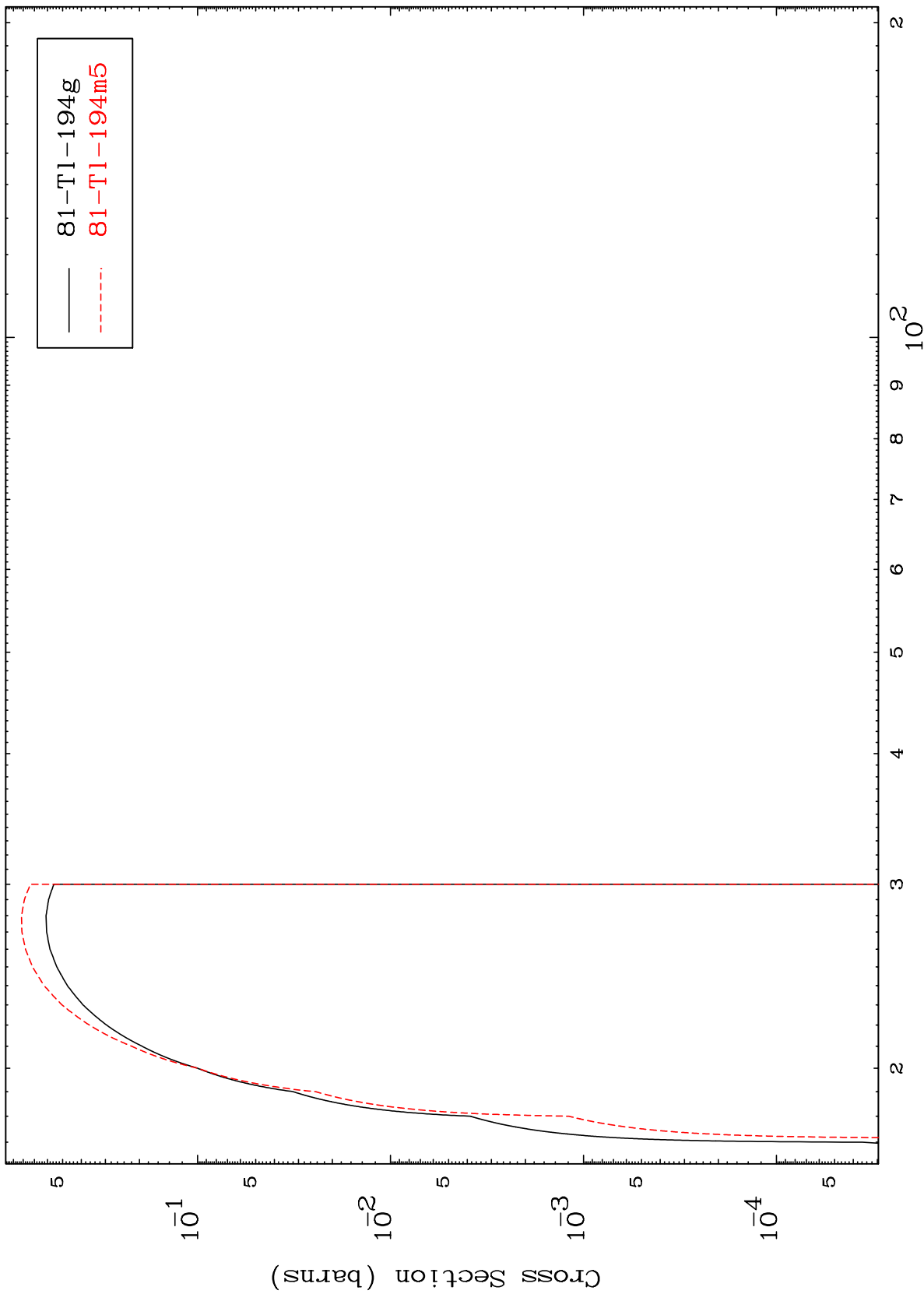
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

(n,3n)  
Radionuclide Production Cross Section



71

Incident Energy (MeV)

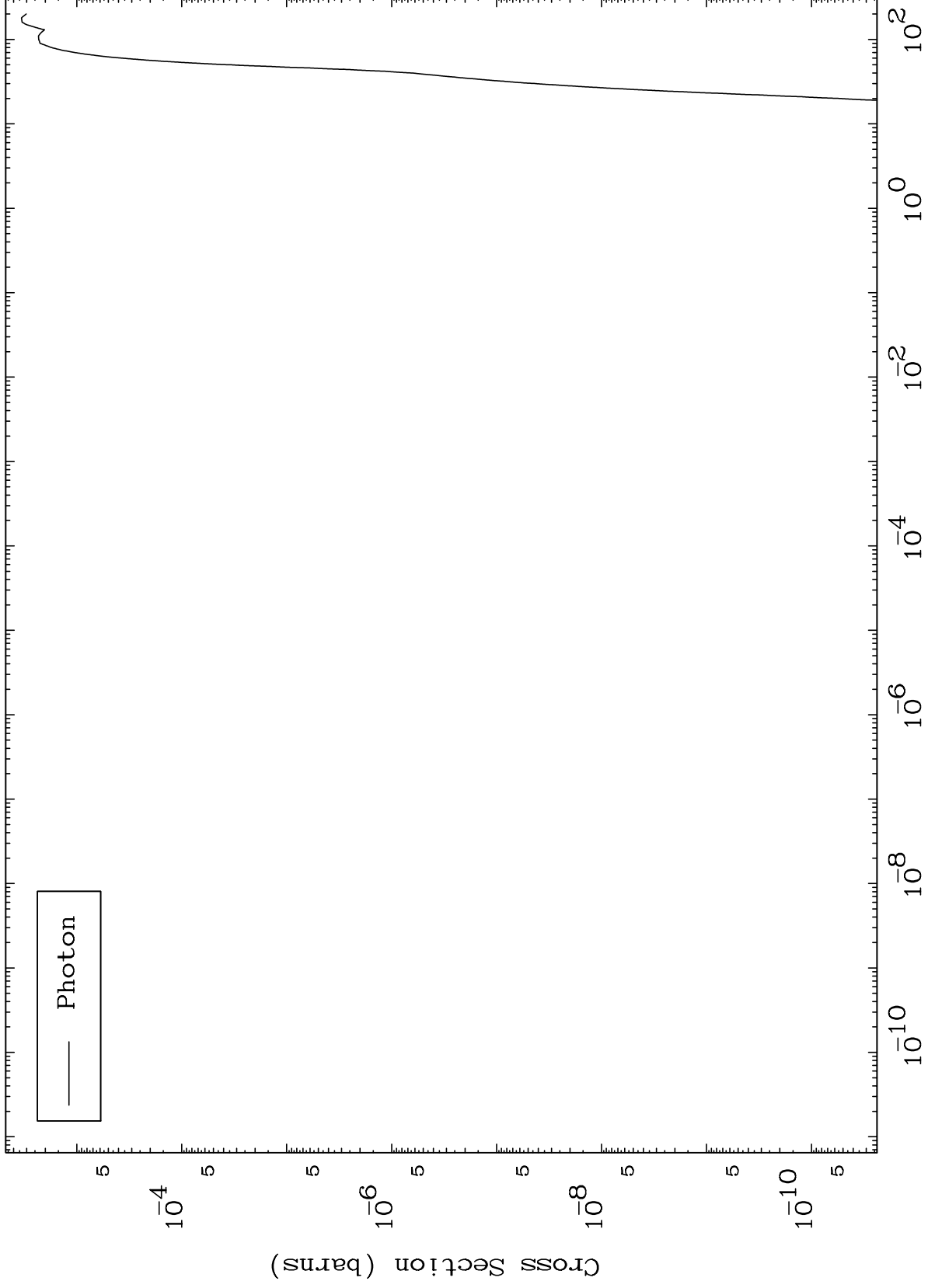
81-Tl-196



MAT 8104

Fission  
Radionuclide Production Cross Section

81-Tl-196



72

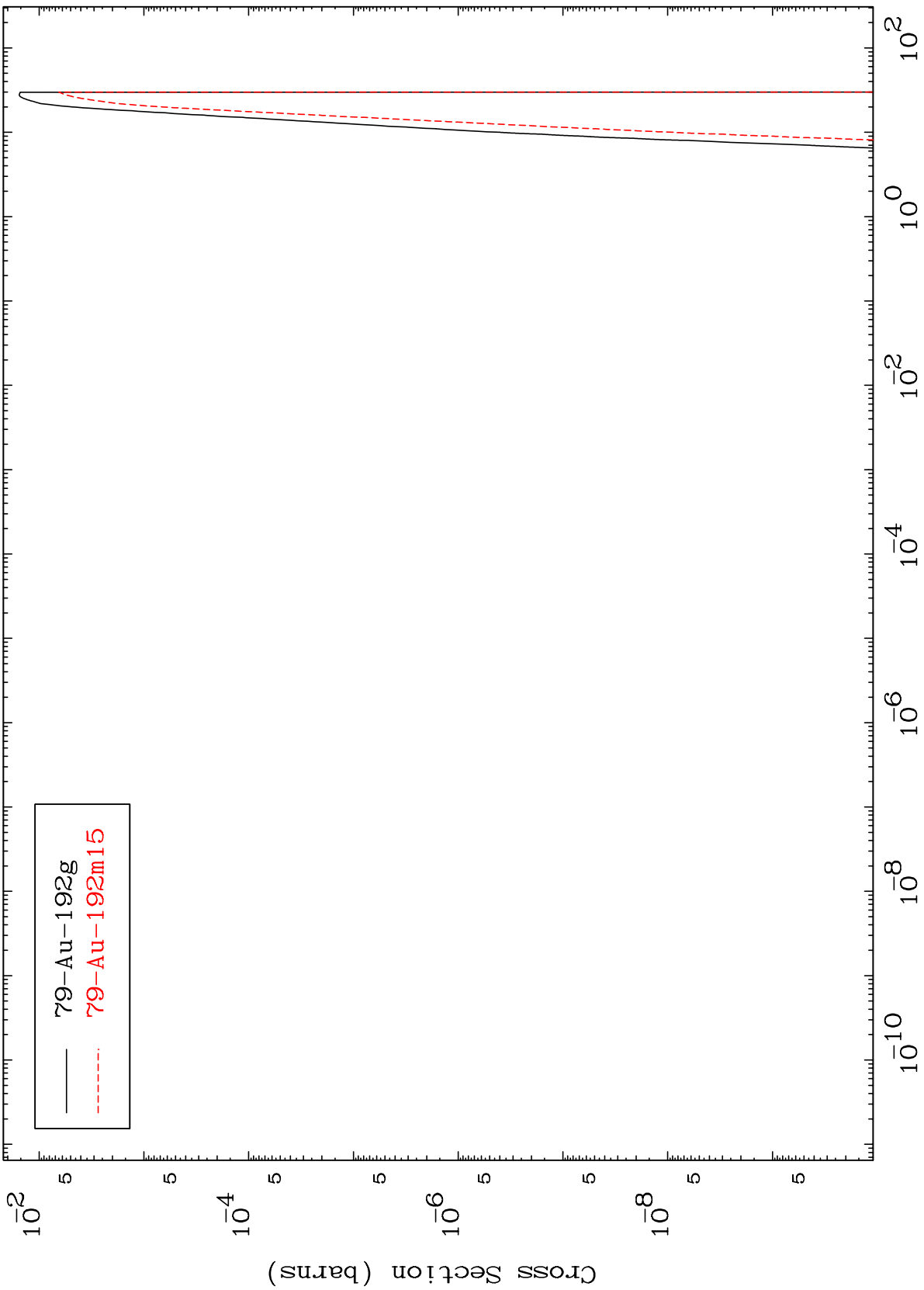
81-Tl-196

MAT 8104

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section



—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m15}$

73

Incident Energy (MeV)

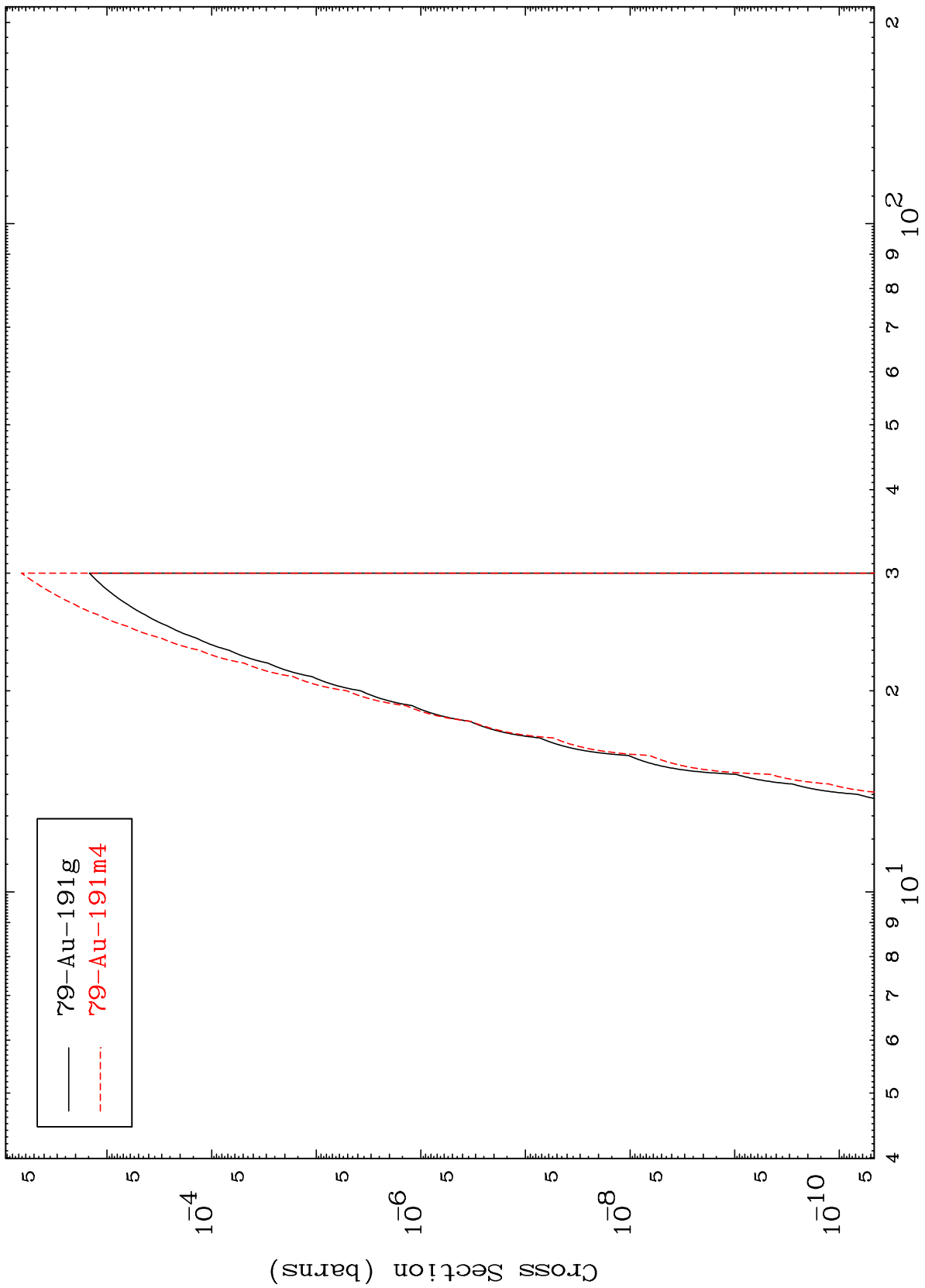
81-Tl-196

MAT 8104

(n,2n)  $\alpha$

81-Tl-196

Radionuclide Production Cross Section



—  $^{191}\text{Au-g}$   
- - -  $^{191}\text{Au-m4}$

74

Incident Energy (MeV)

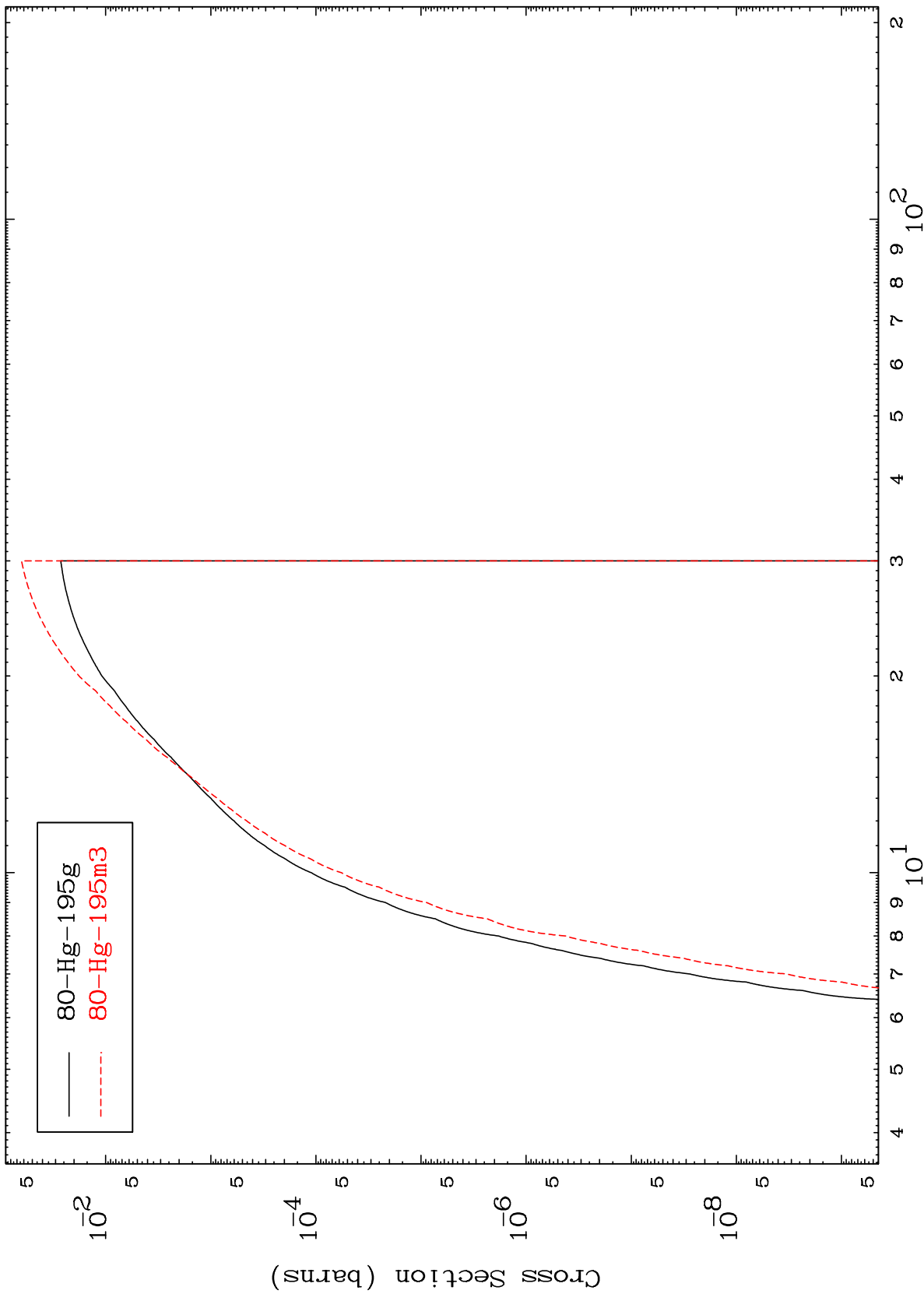
81-Tl-196

MAT 8104

(n,n') p

81-T1-196

Radionuclide Production Cross Section

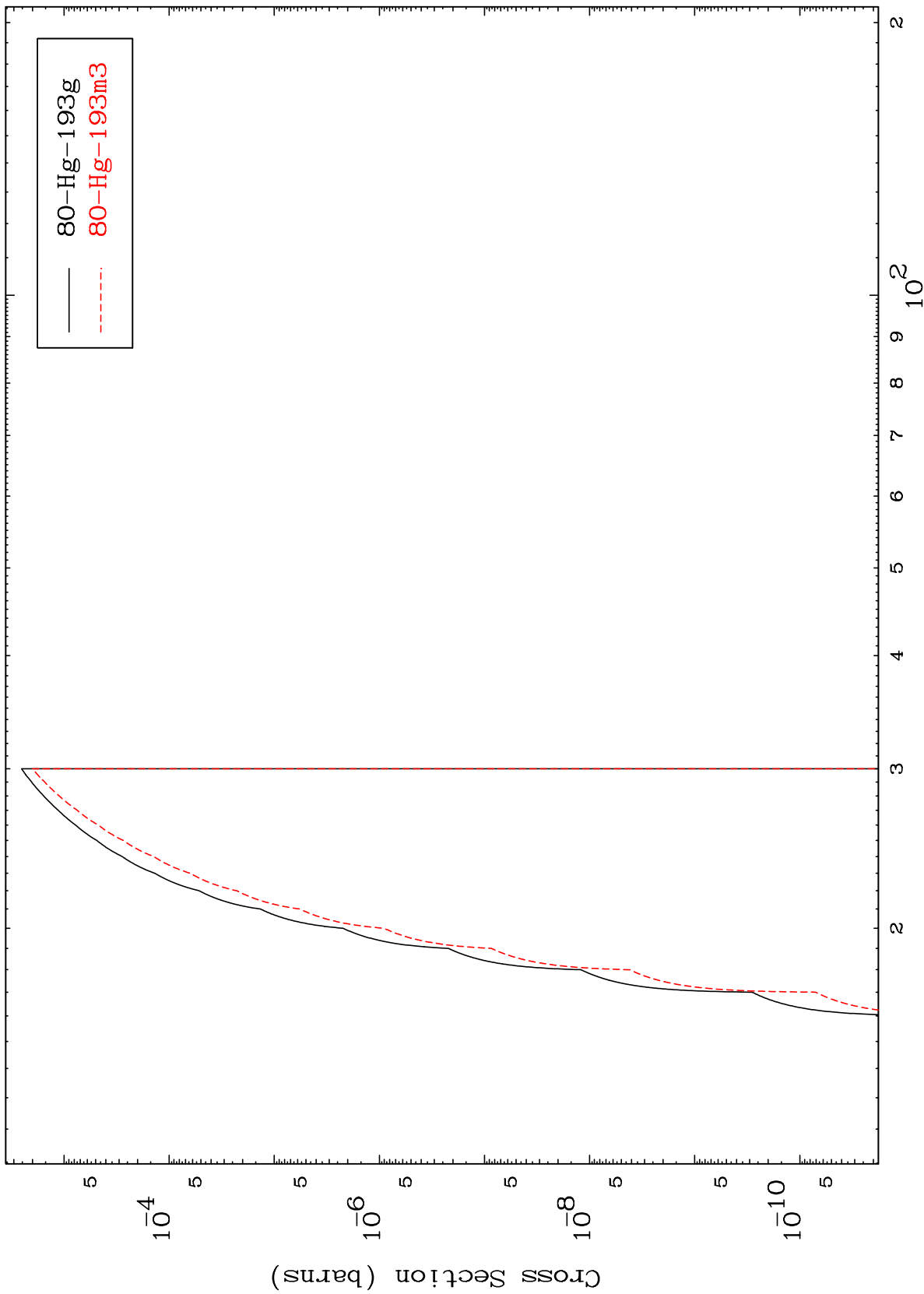


75

Incident Energy (MeV)

81-T1-196

Radionuclide Production Cross Section

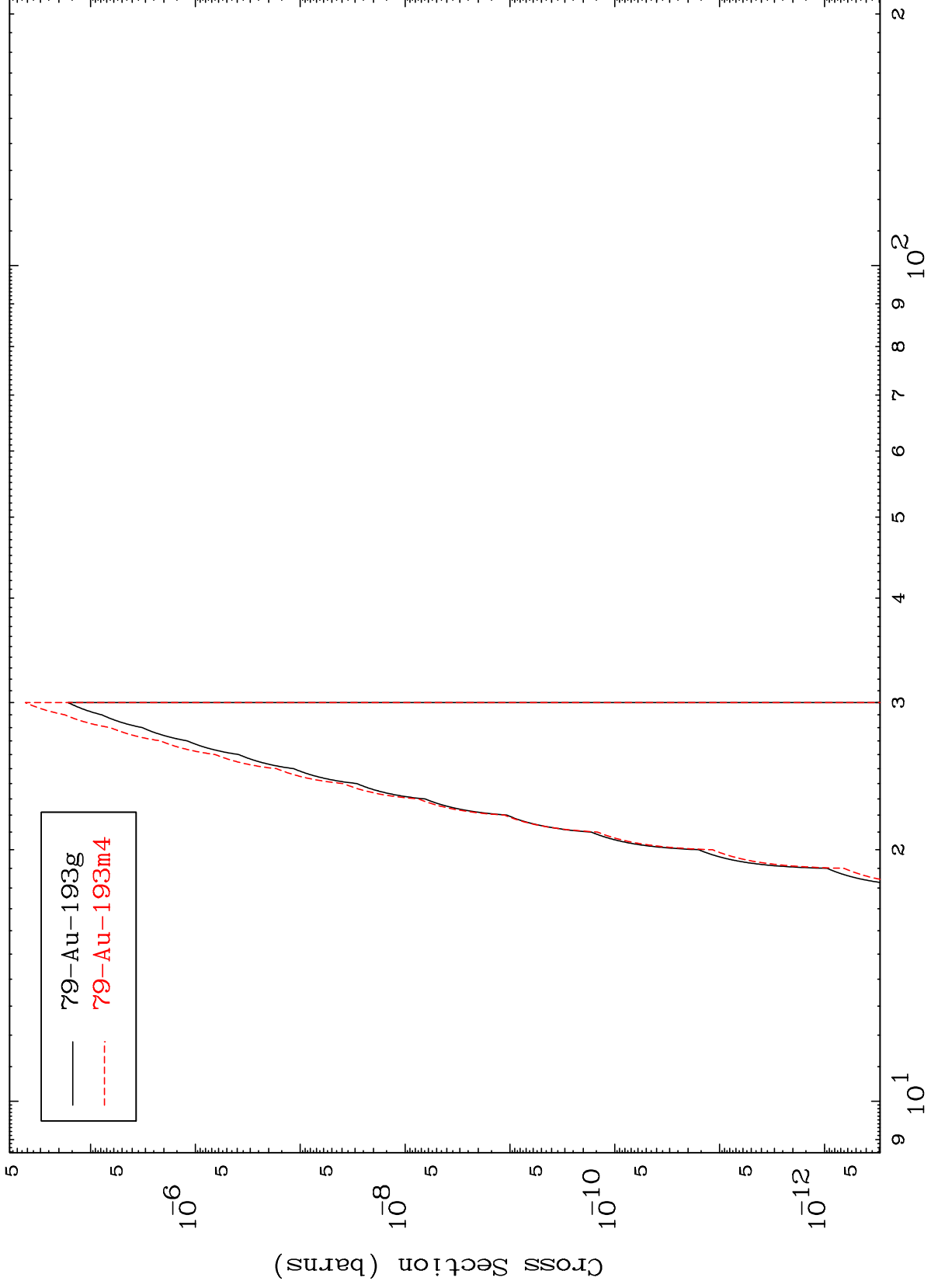


MAT 8104

(n,n') He-3

81-Tl-196

Radionuclide Production Cross Section



77

Incident Energy (MeV)

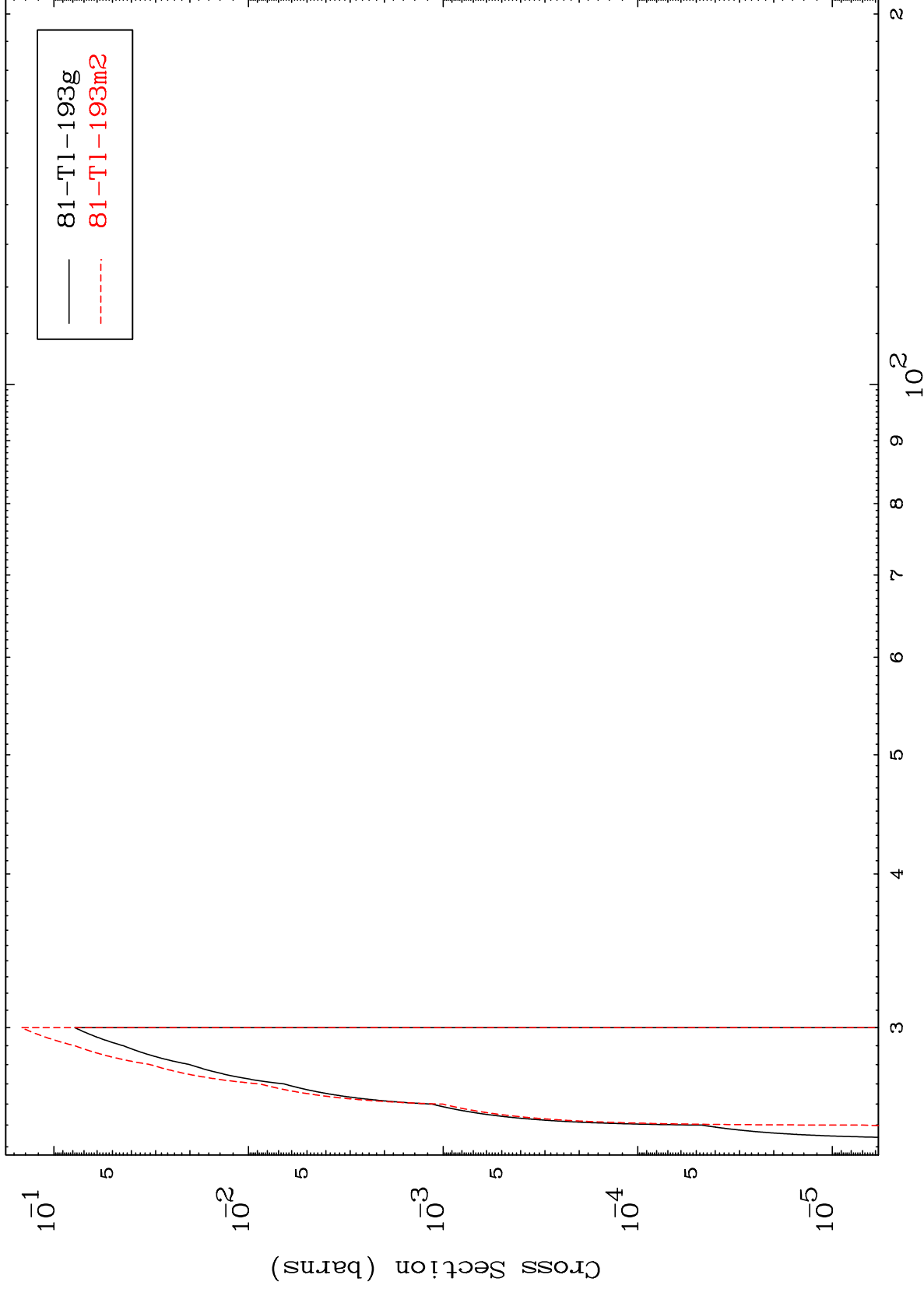
81-Tl-196

MAT 8104

(n,4n)

81-Tl-196

Radionuclide Production Cross Section

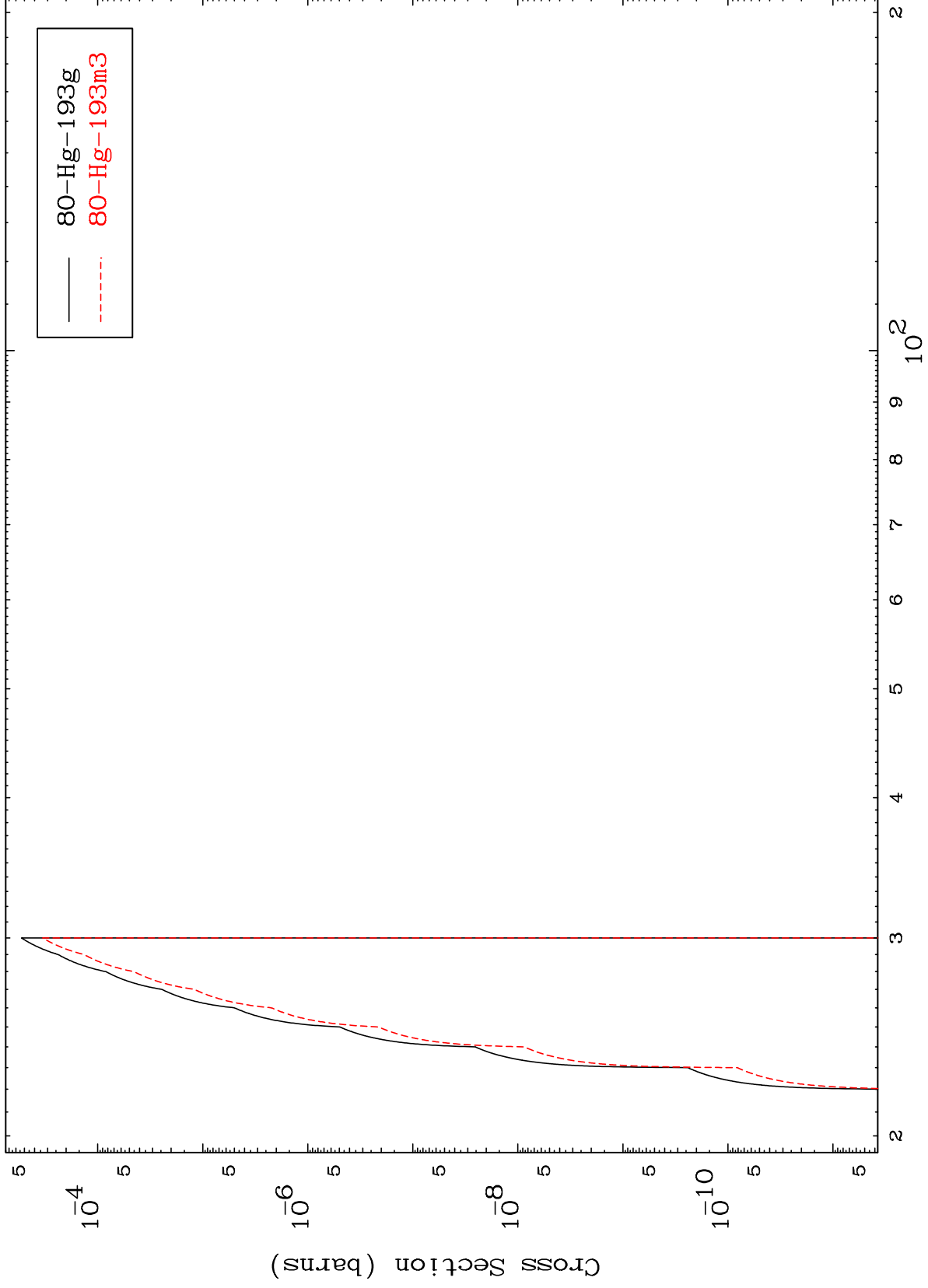


78

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section



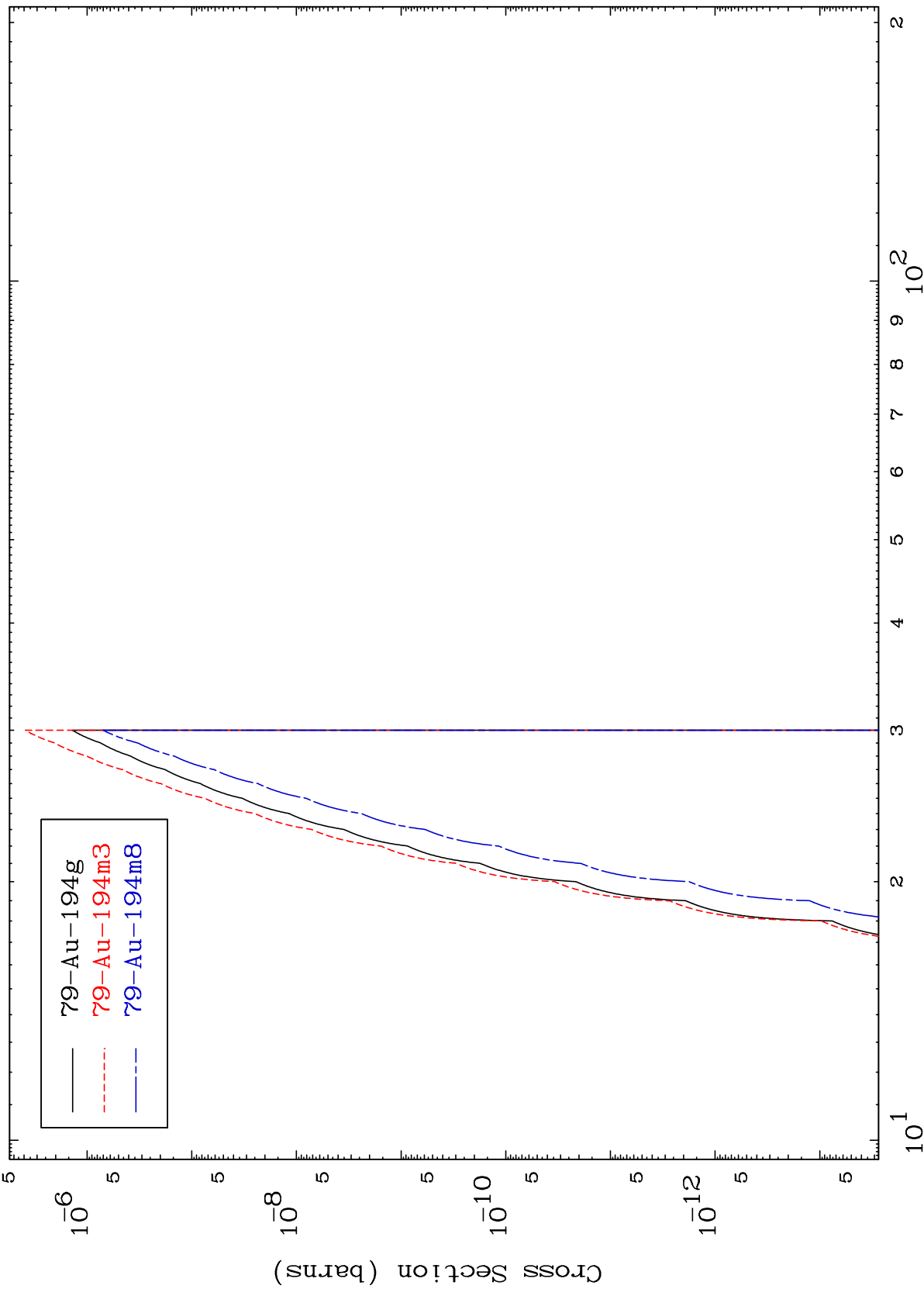


MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



80

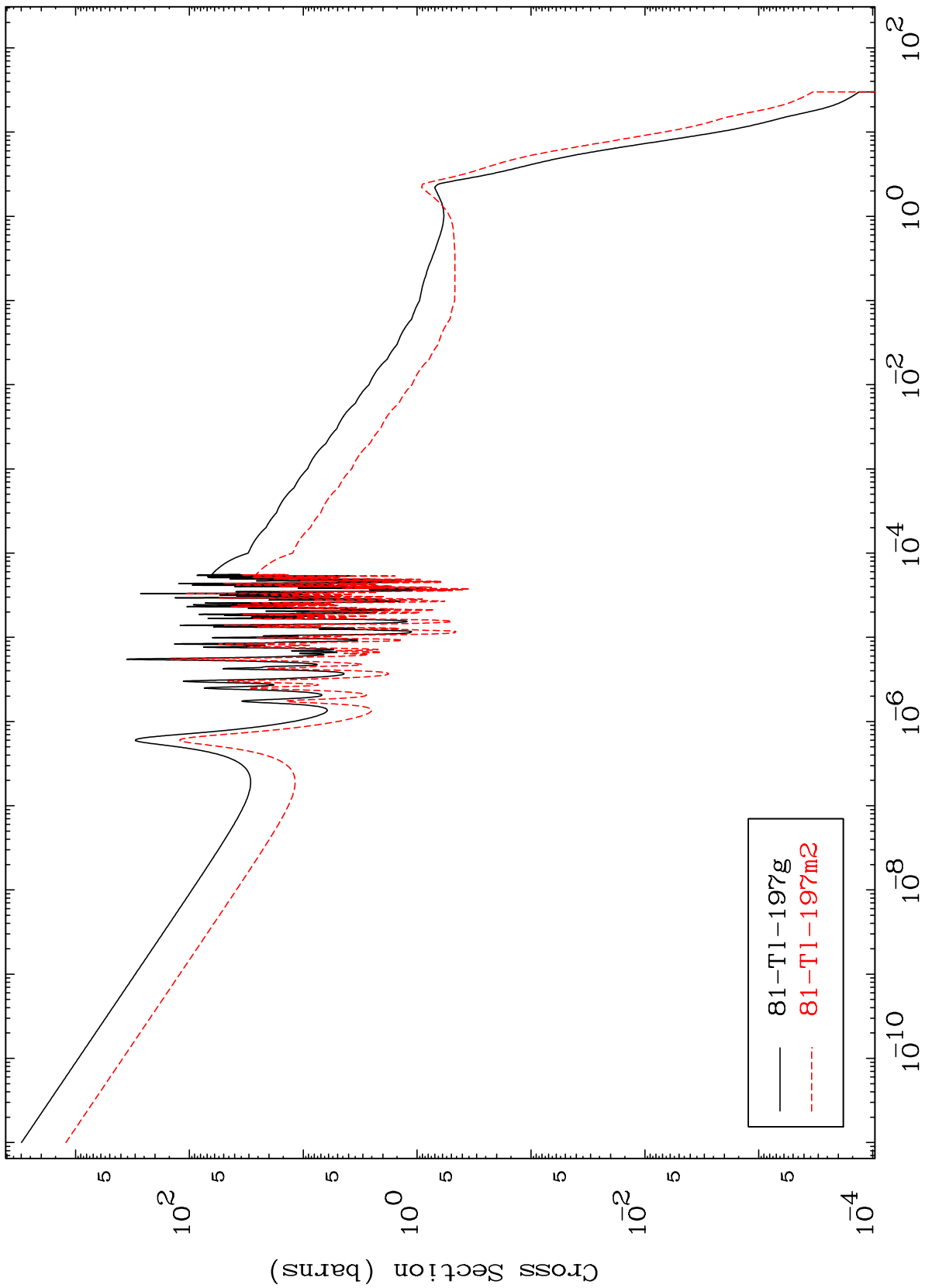
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

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



— 81-Tl-197g  
- - - 81-Tl-197m2

81

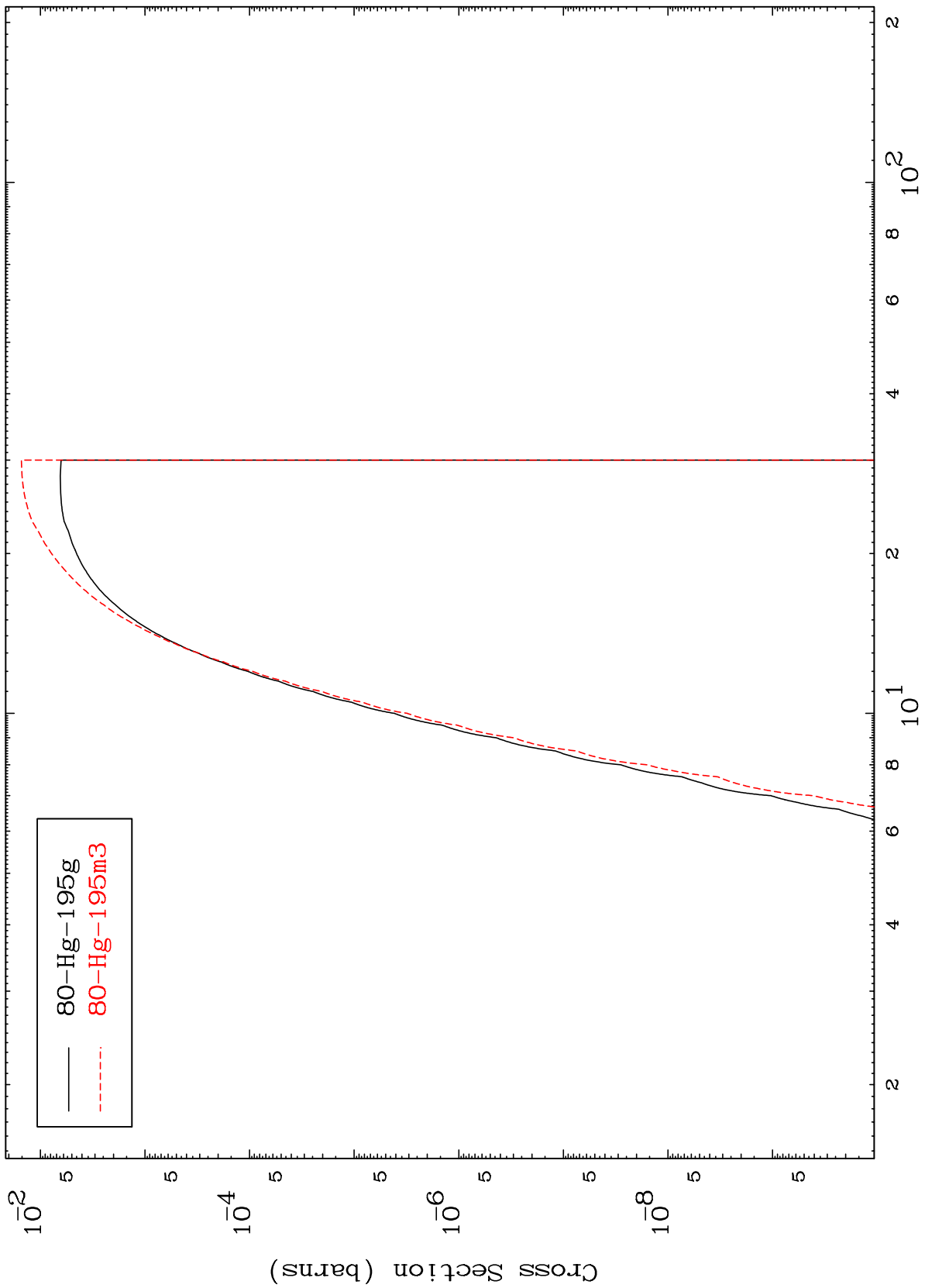
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

(n,d)  
Radionuclide Production Cross Section

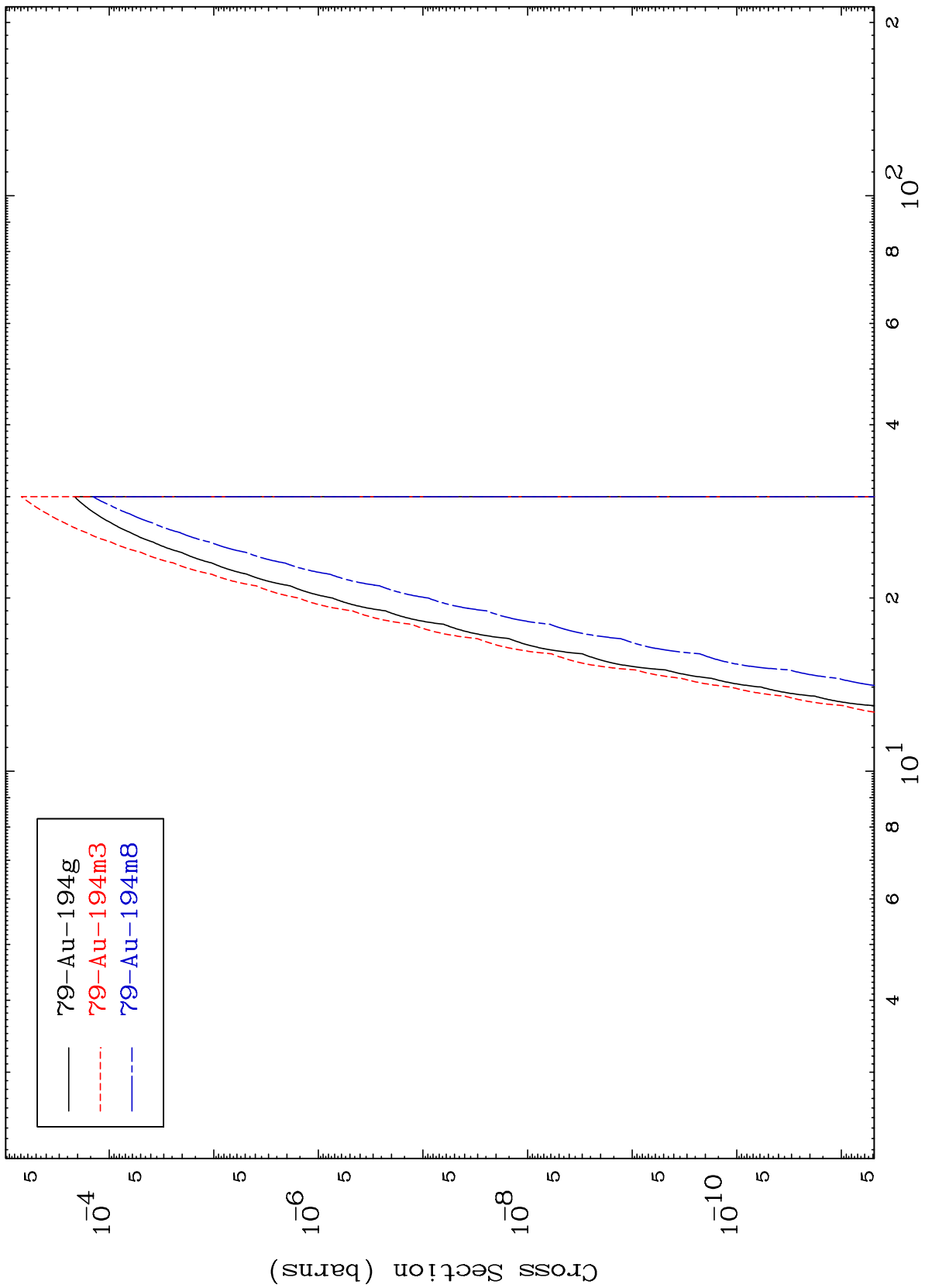


82

81-Tl-196

Incident Energy (MeV)

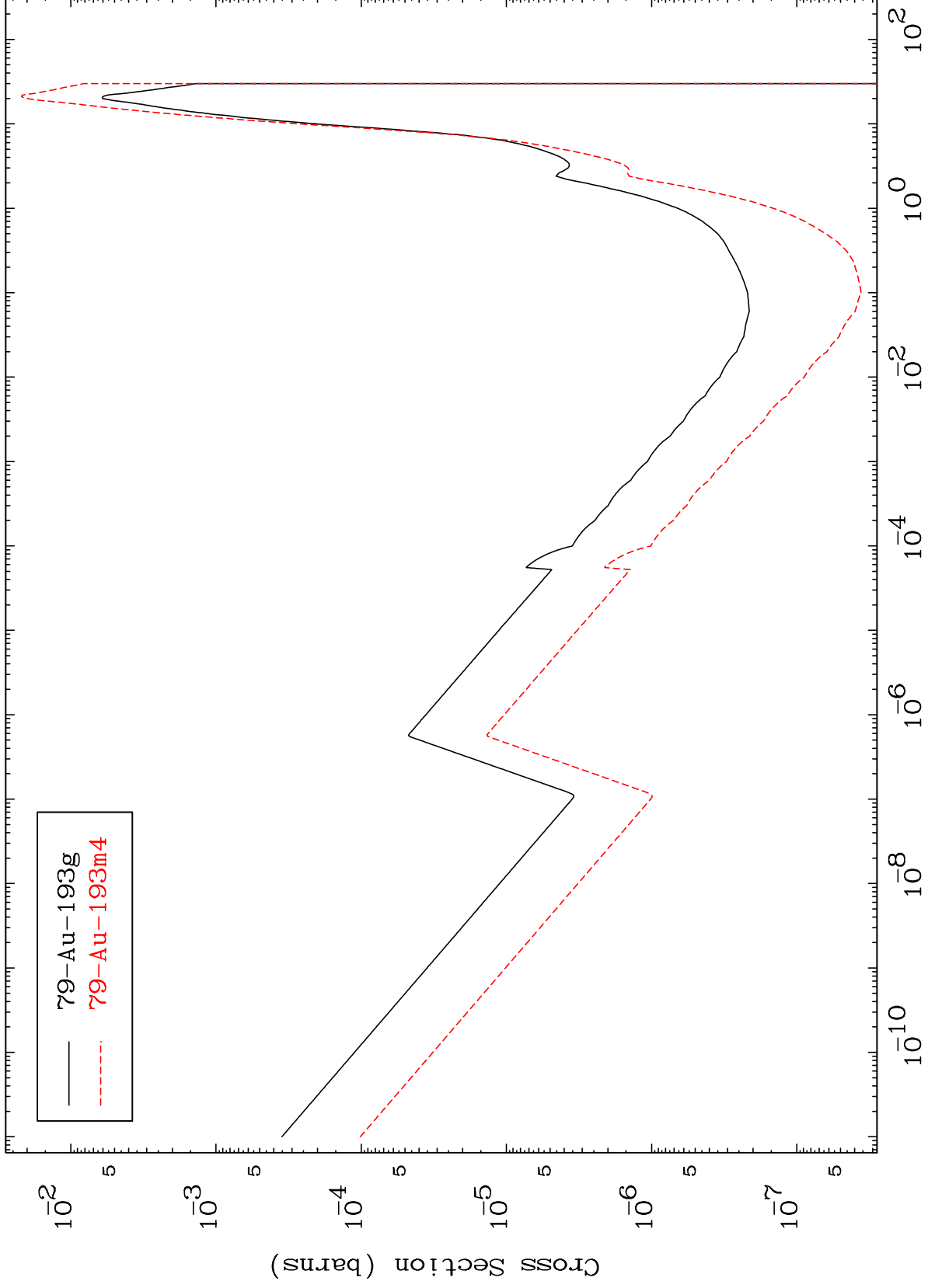
Radionuclide Production Cross Section  
(n,He-3)



MAT 8104

81-Tl-196

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



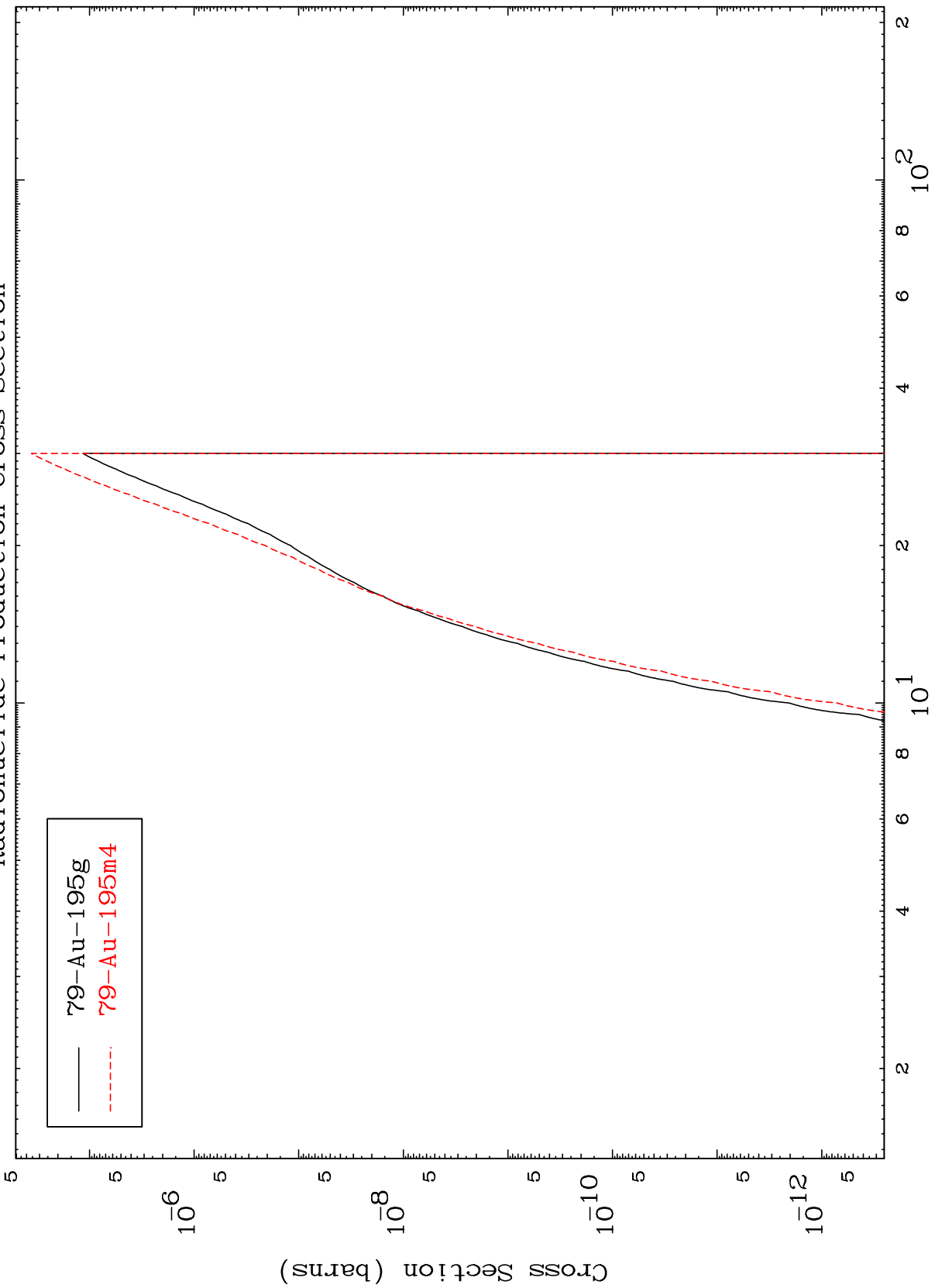
84

81-Tl-196

MAT 8104

81-Tl-196

(n,2p)  
Radionuclide Production Cross Section



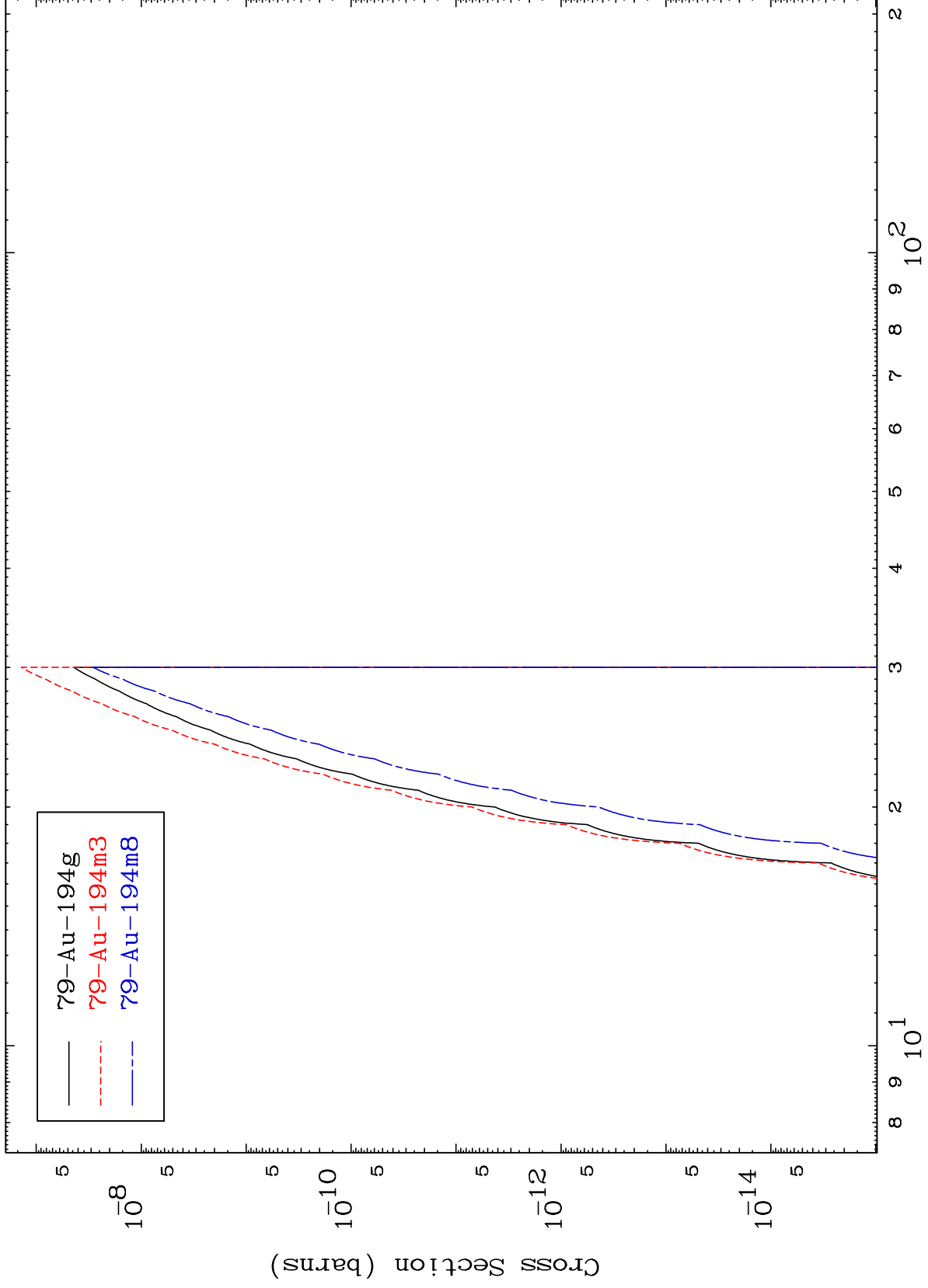
— 79-Au-195g  
- - - 79-Au-195m4

85

81-Tl-196

Incident Energy (MeV)

Radionuclide Production Cross Section

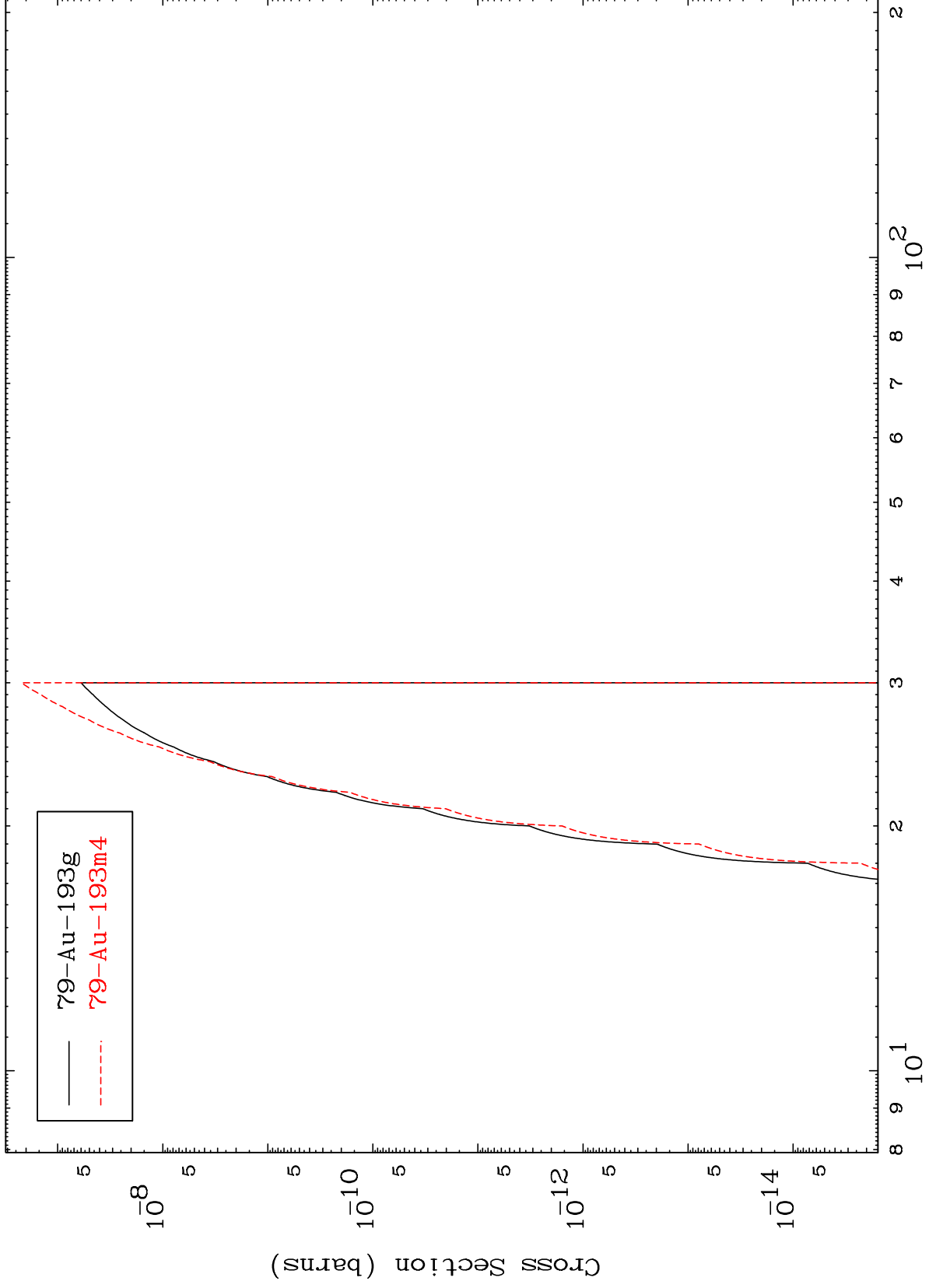


MAT 8104

(n,p) t

81-Tl-196

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-196