

Program EVALPLOT  
(Version 2021-1)

by

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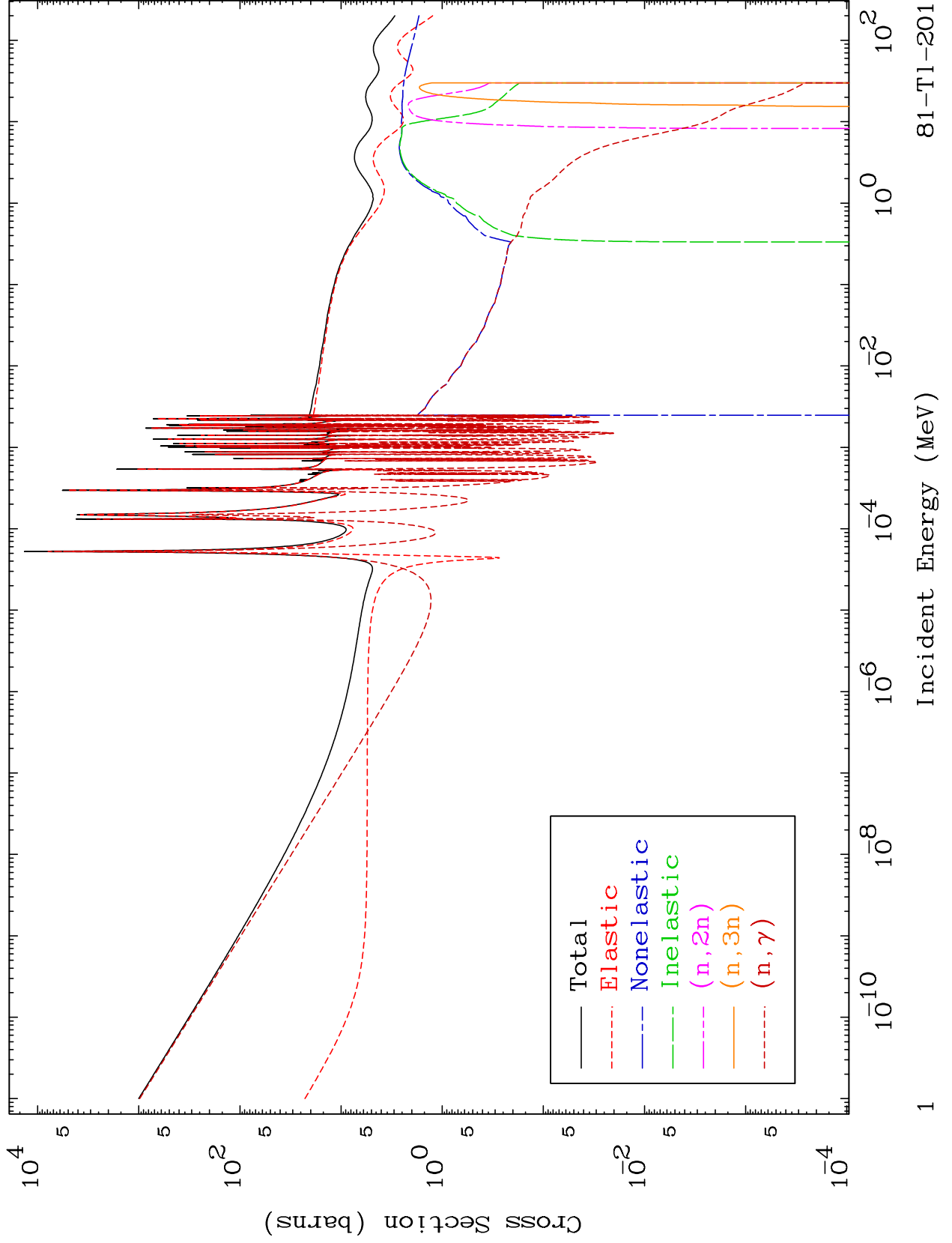
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Press Mouse Button to Start

MAT 81119

Neutron Major  
293 Kelvin Cross Sections

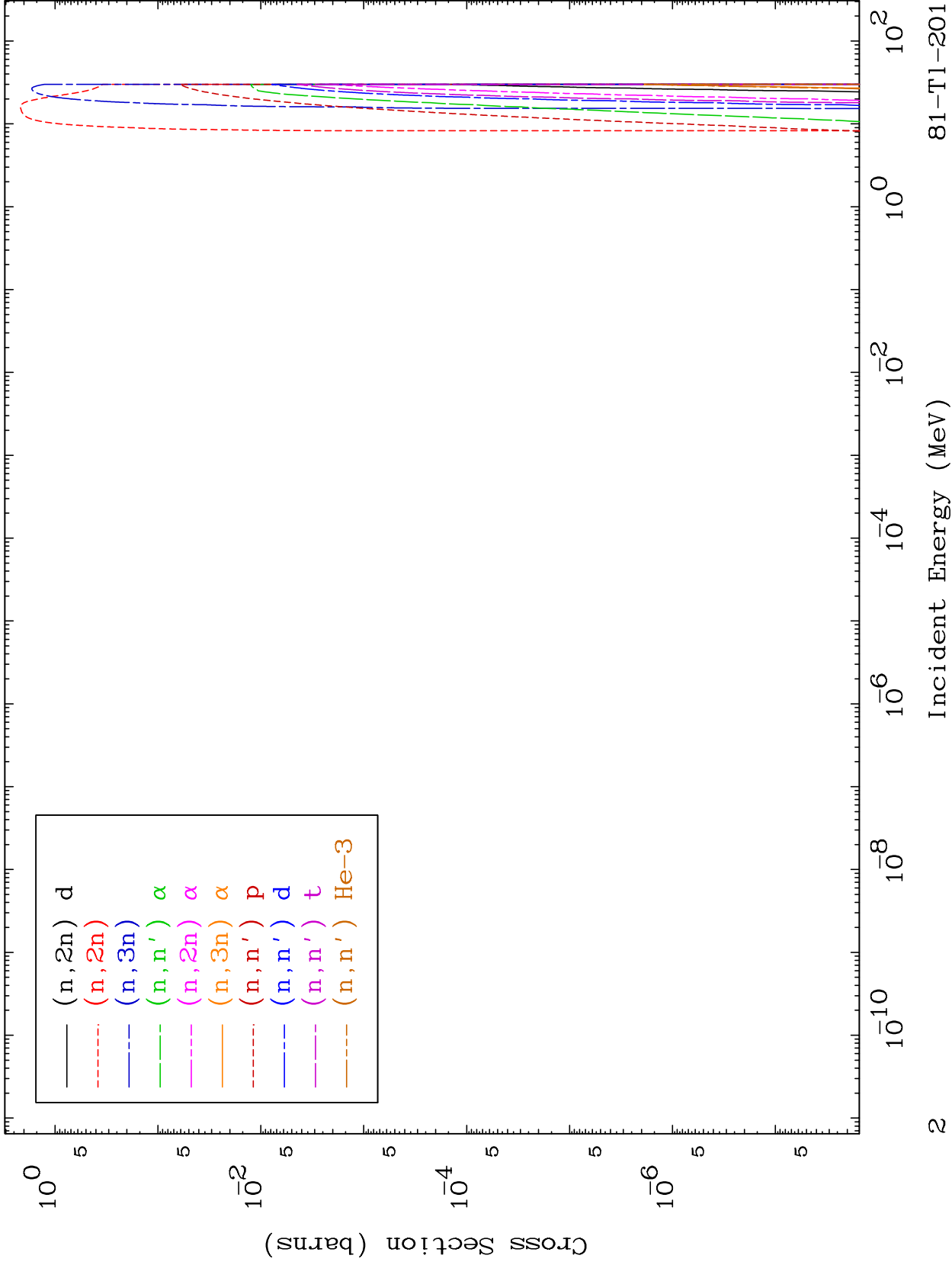
81-Tl-201



MAT 81119

Neutron Absorption  
293 Kelvin Cross Sections

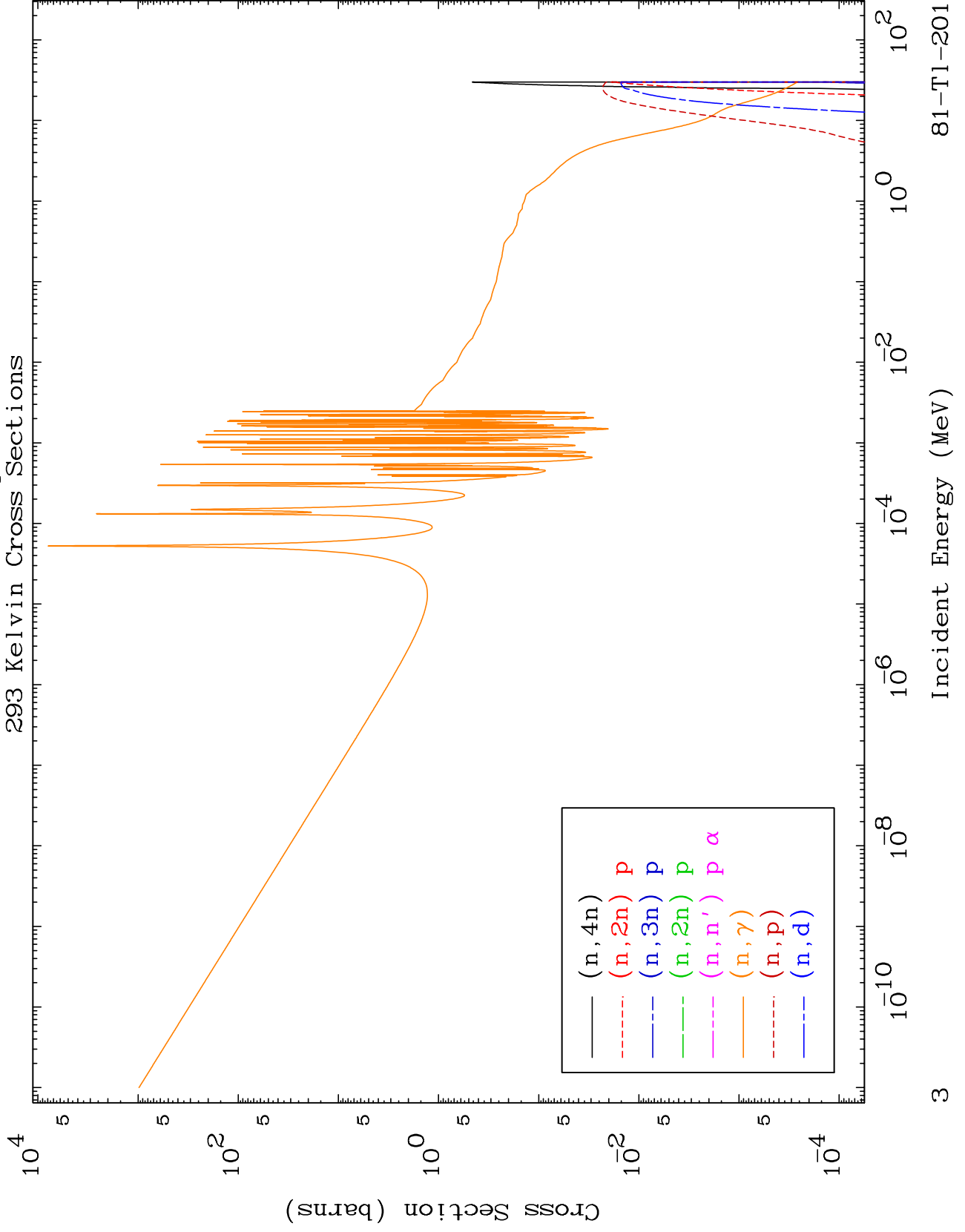
81-Tl-201



MAT 81119

Neutron Absorption  
293 Kelvin Cross Sections

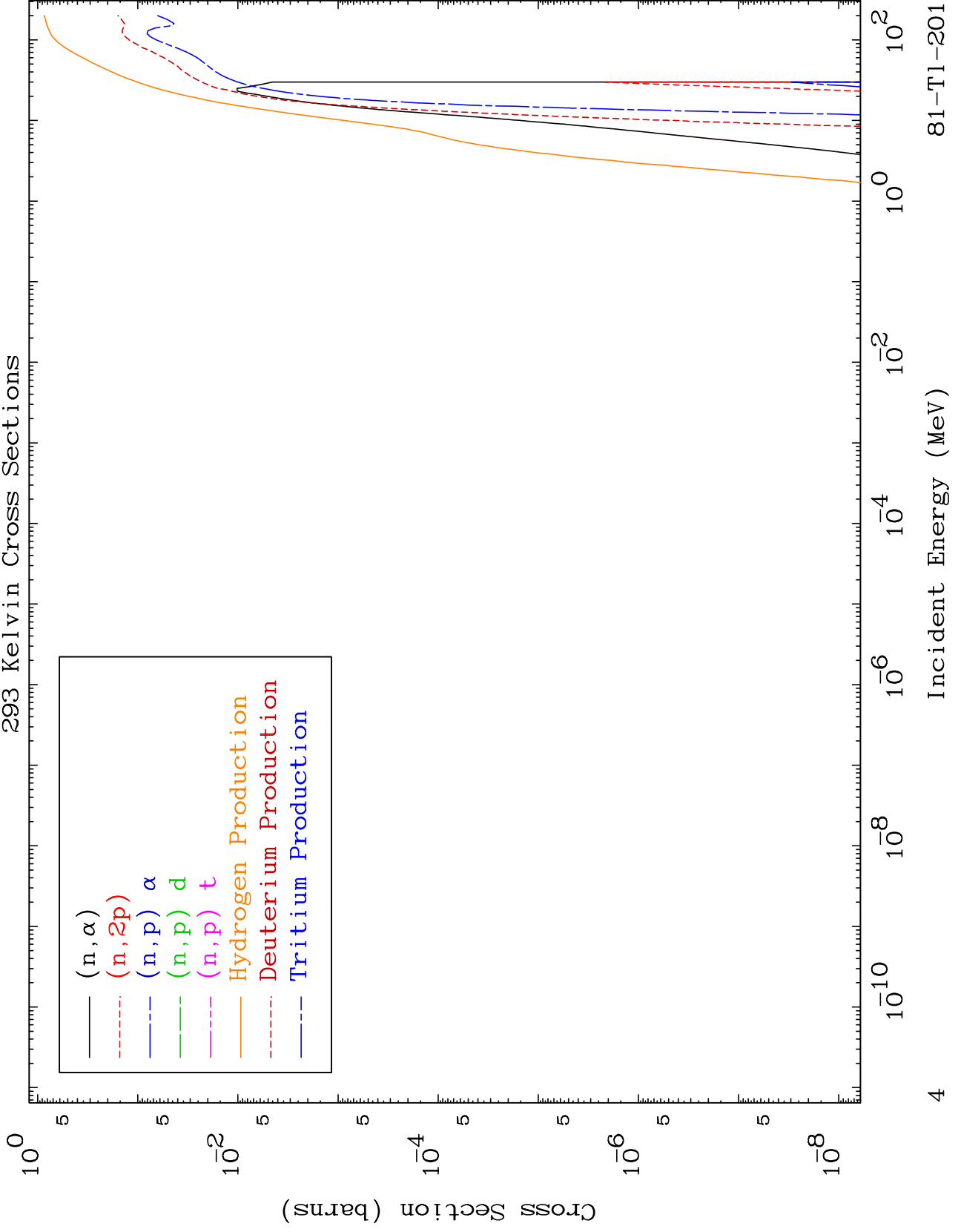
81-Tl-201

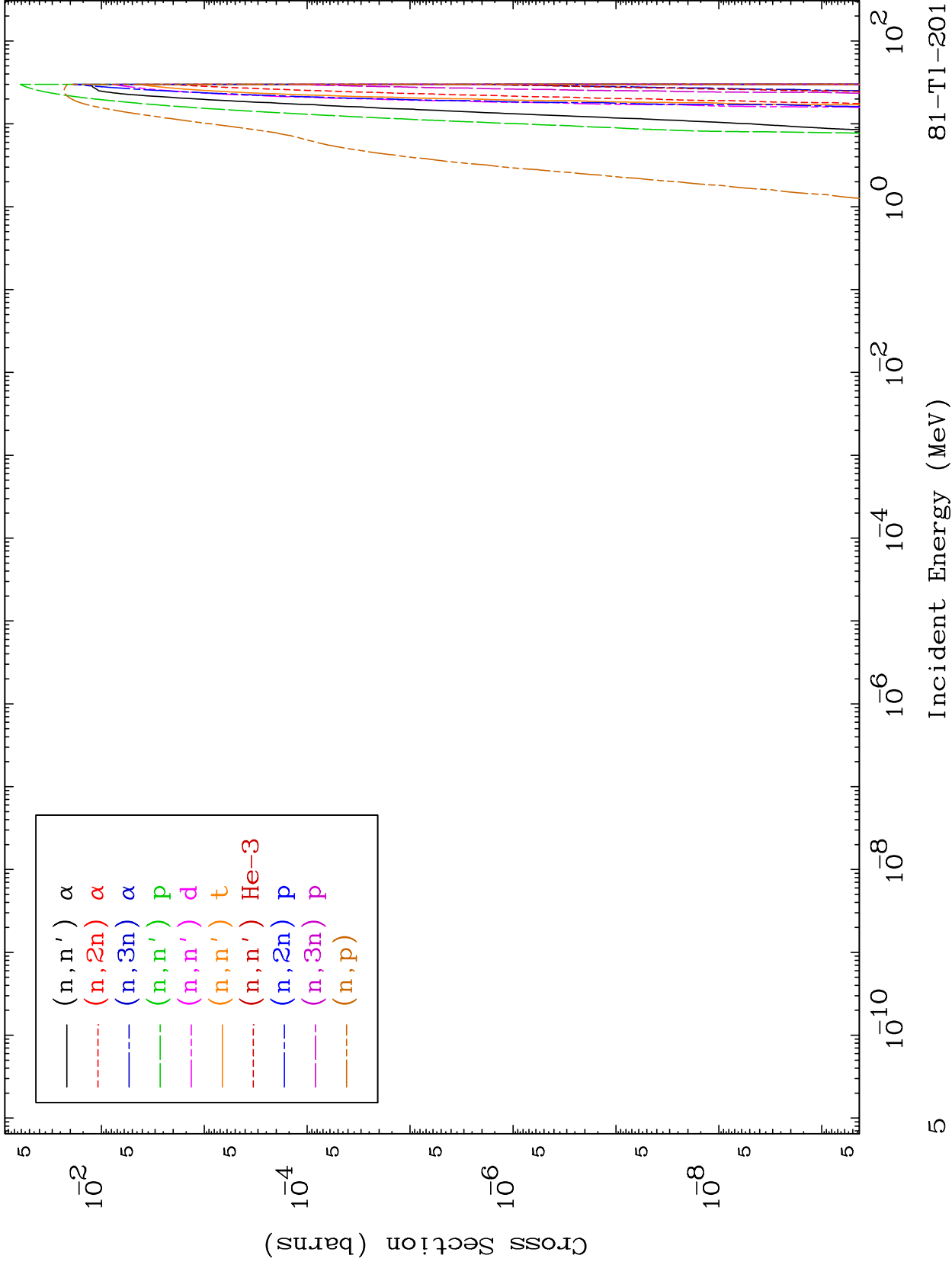


MAT 8119

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-201

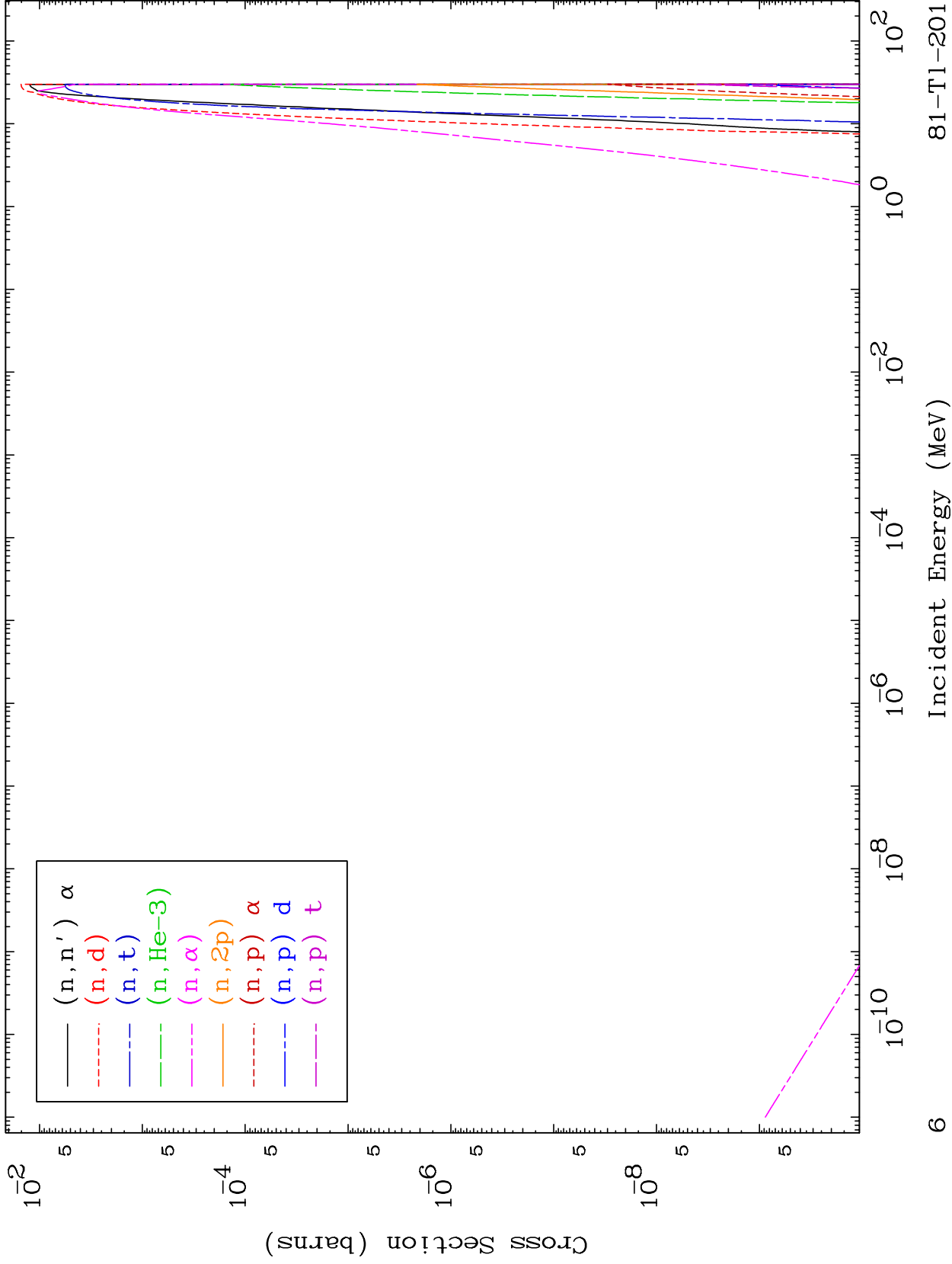




MAT 81119

Charged Particle  
293 Kelvin Cross Sections

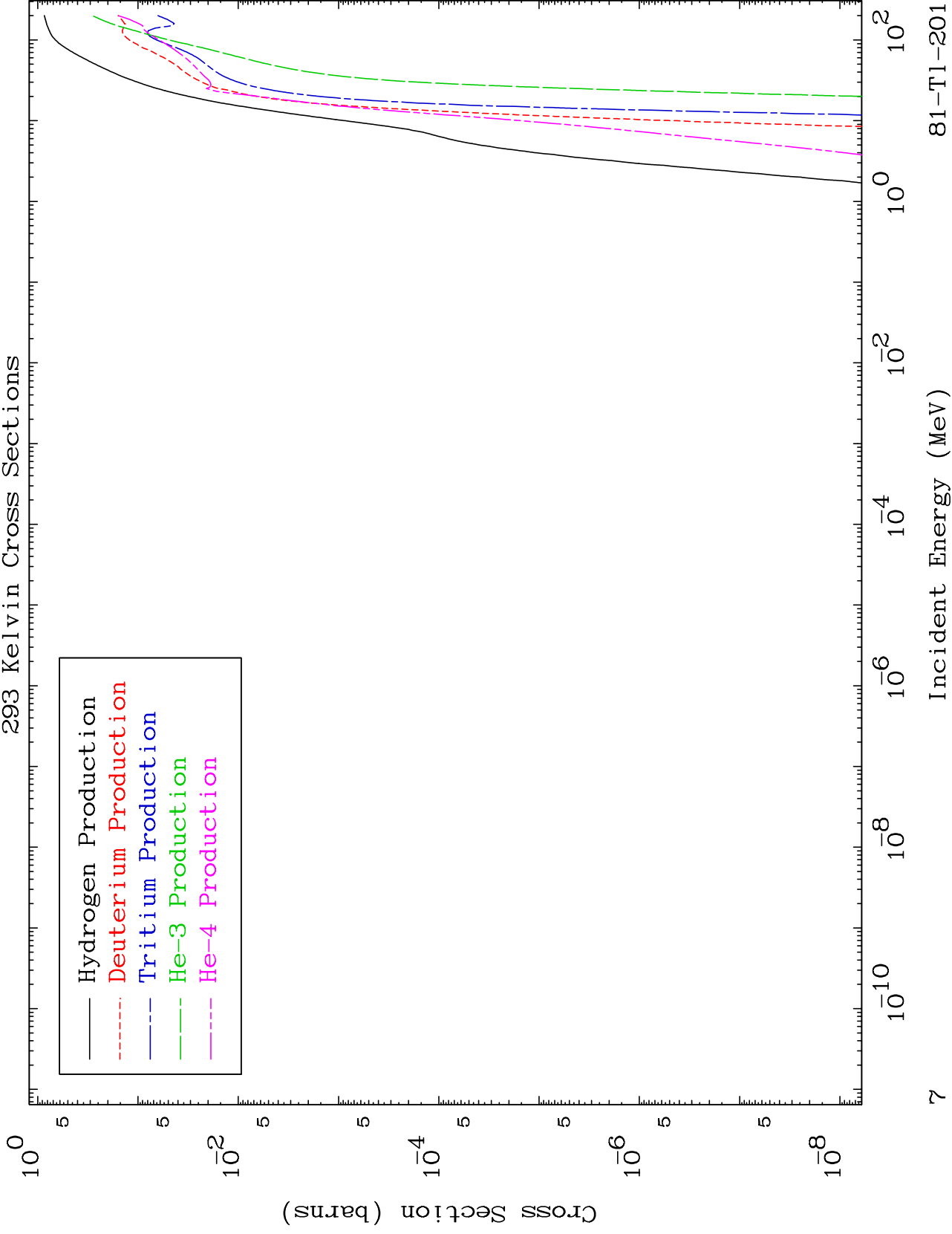
81-Tl-201



MAT 81119

Particle Production  
293 Kelvin Cross Sections

81-Tl-201



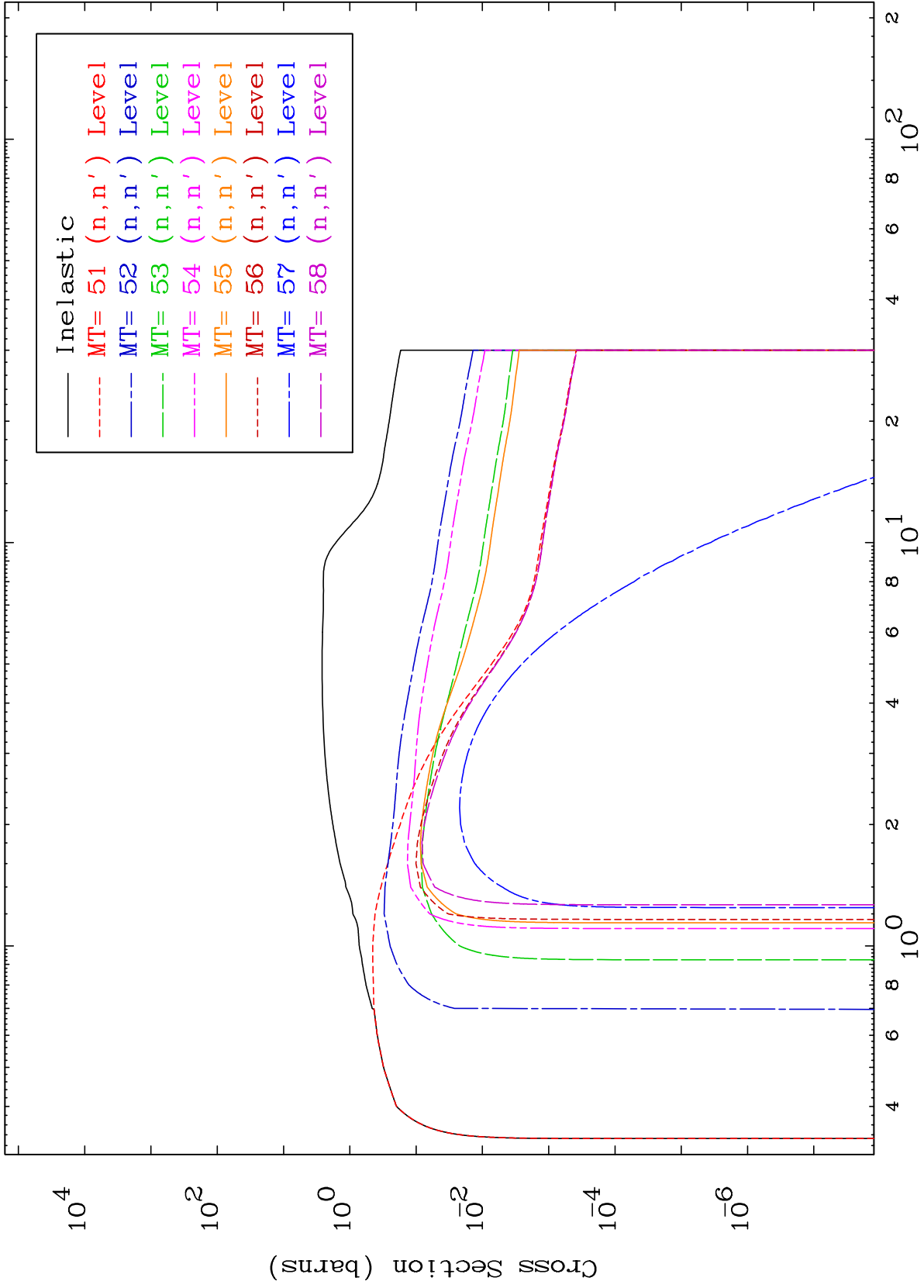


MAT 81119

(n,n') Levels

81-Tl-201

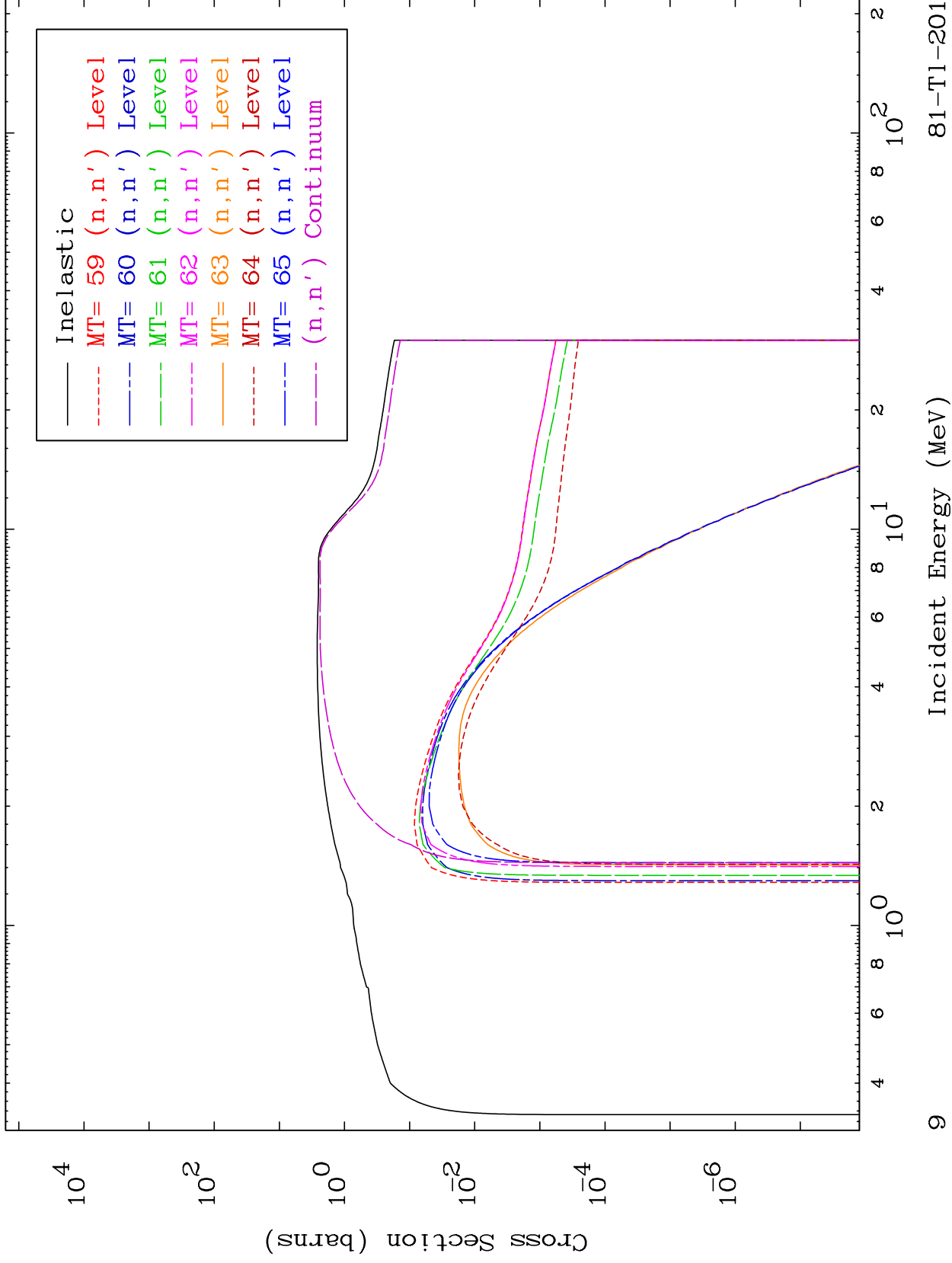
293 Kelvin Cross Sections



8

Incident Energy (MeV)

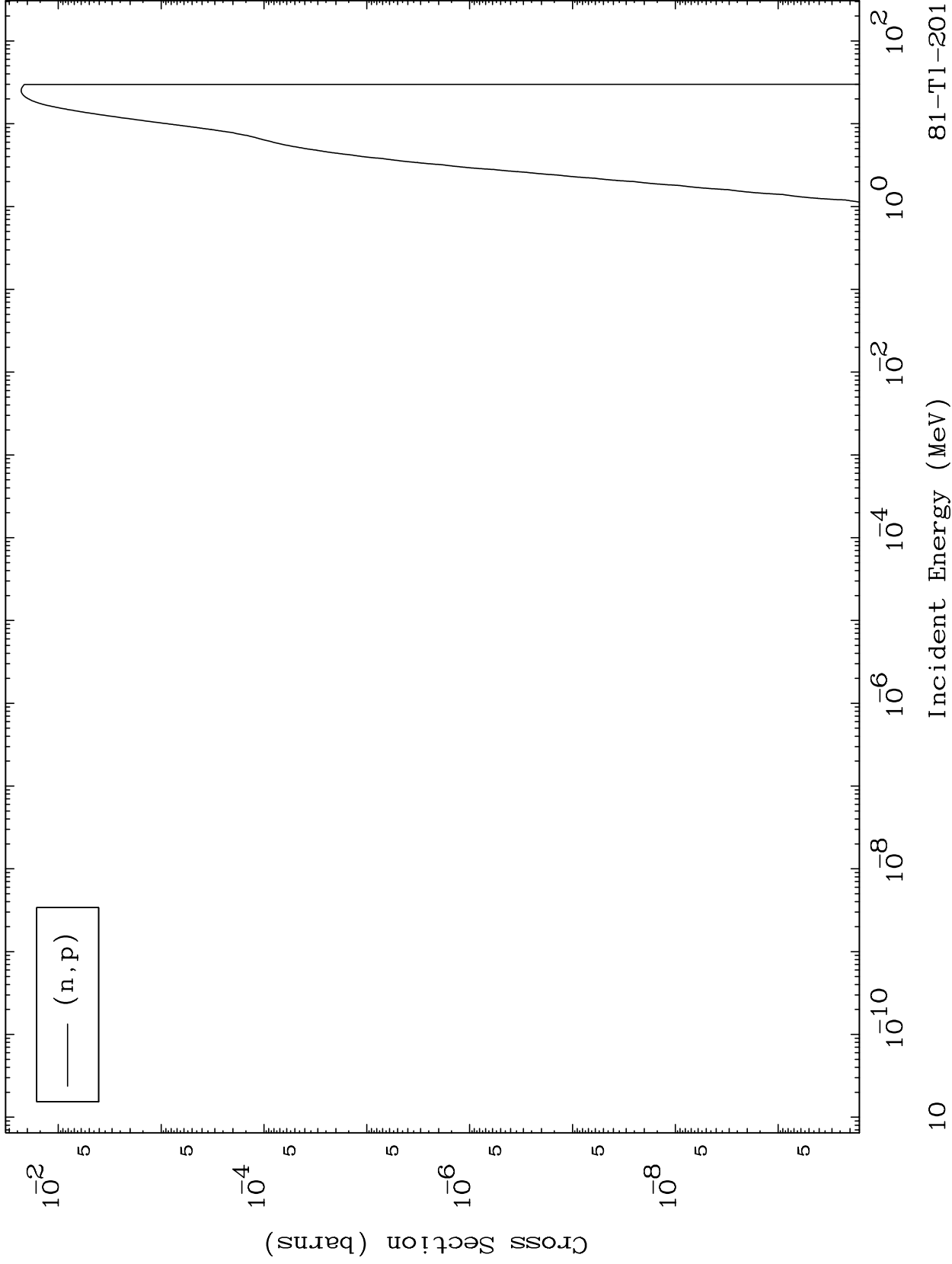
81-Tl-201



MAT 81119

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-201



10

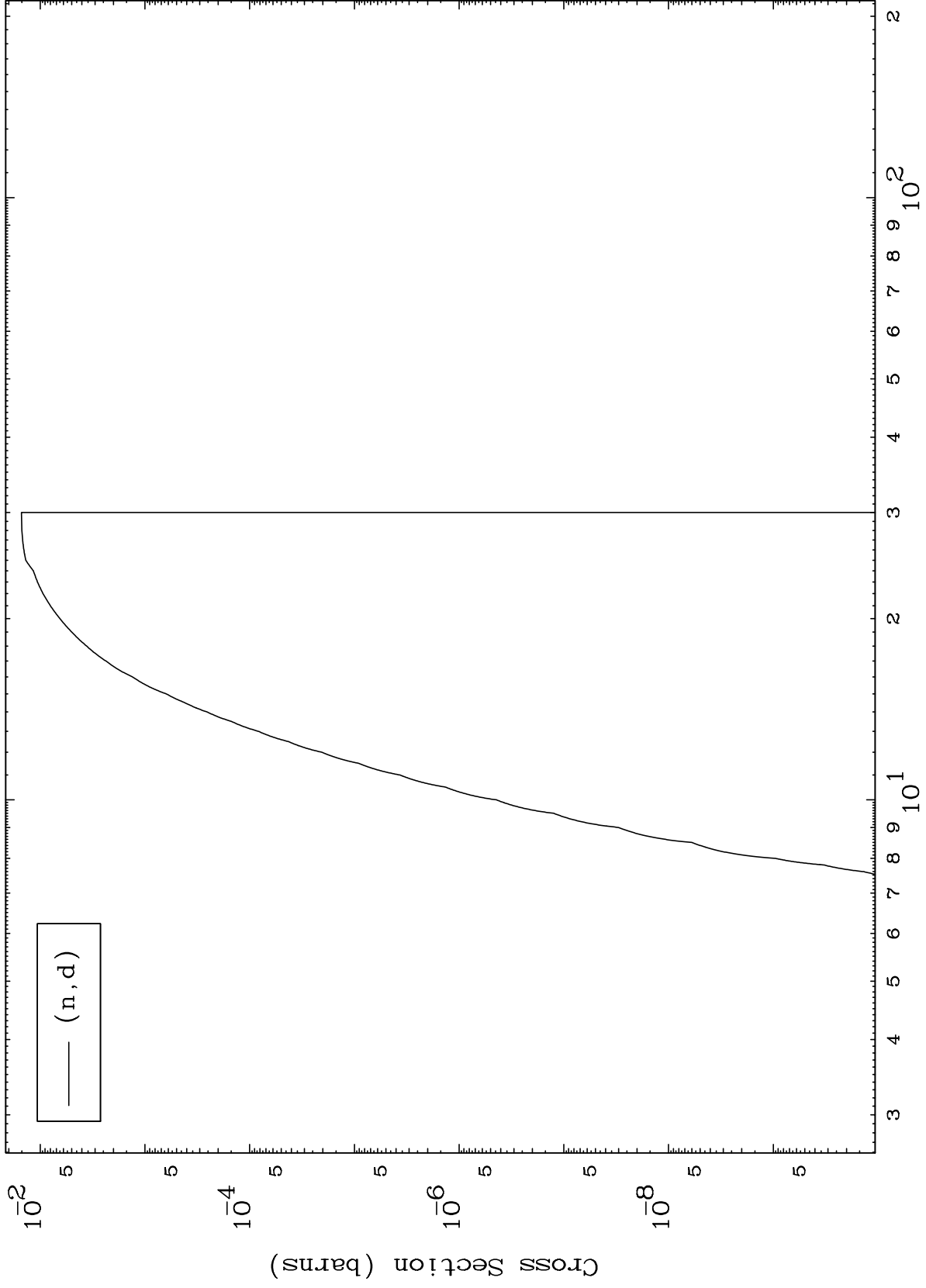
Incident Energy (MeV)

81-Tl-201

MAT 81119

(n,d) Levels  
293 Kelvin Cross Sections

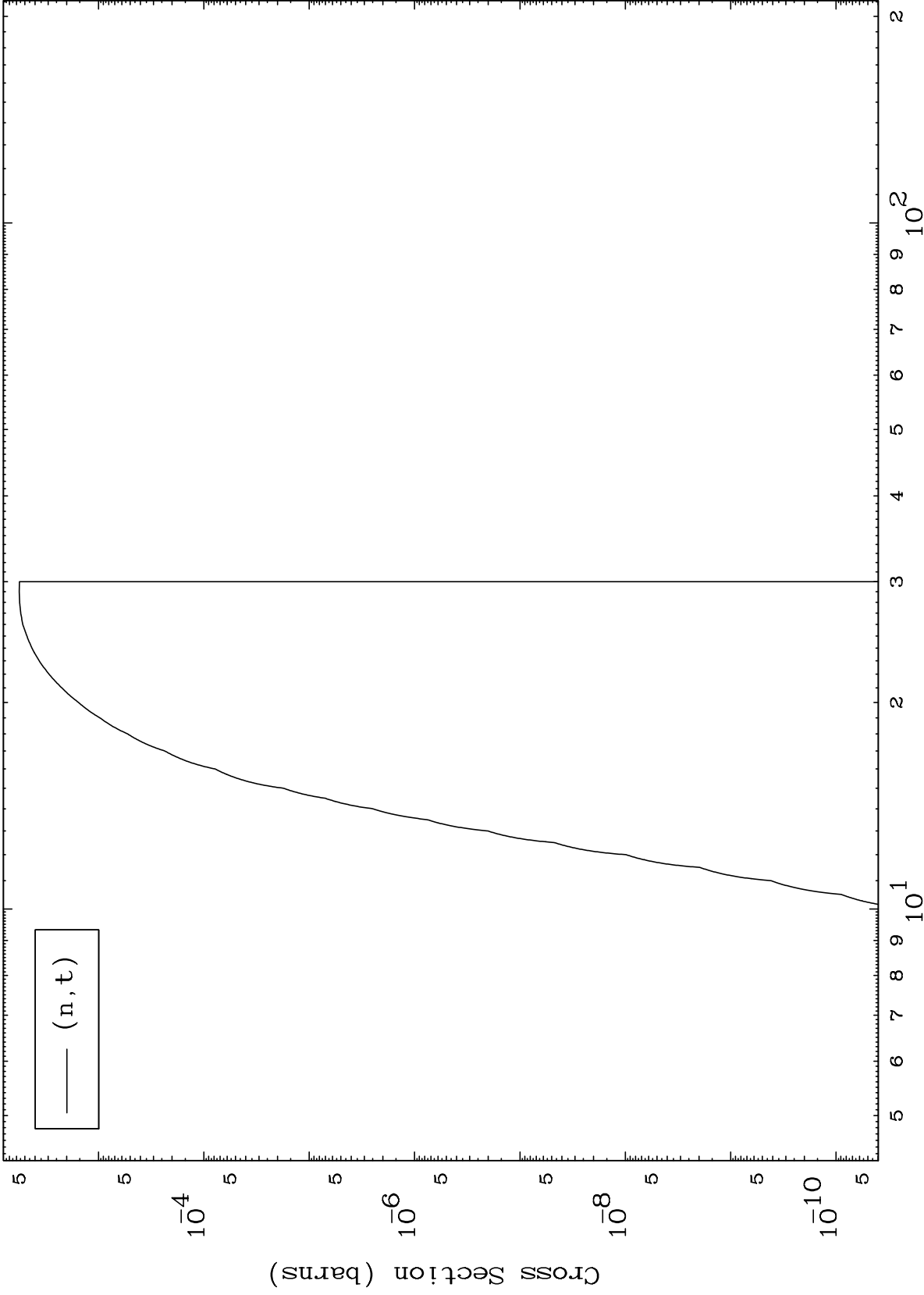
81-Tl-201



MAT 81119

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-201



12

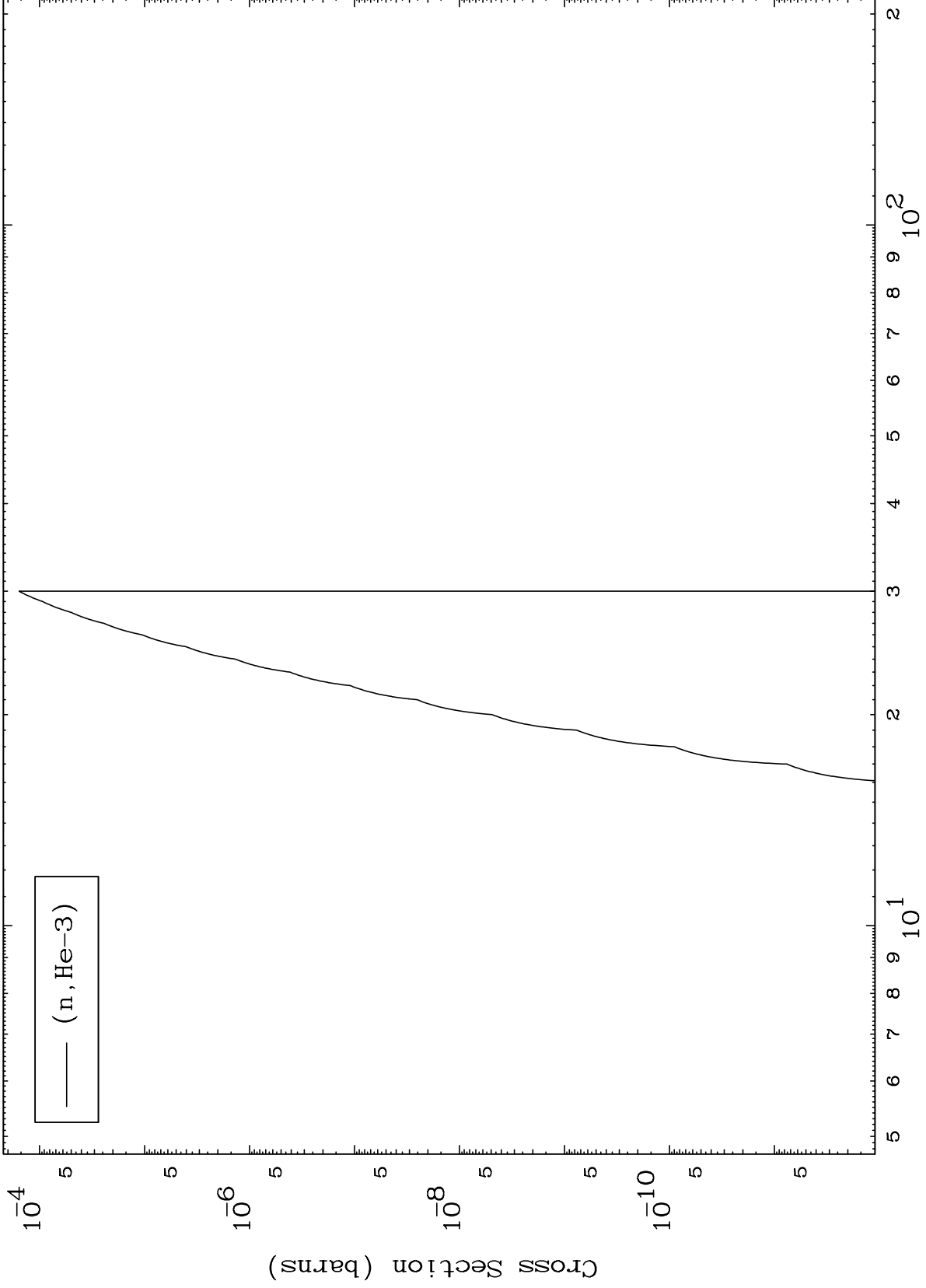
Incident Energy (MeV)

81-Tl-201

MAT 81119

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-201



13

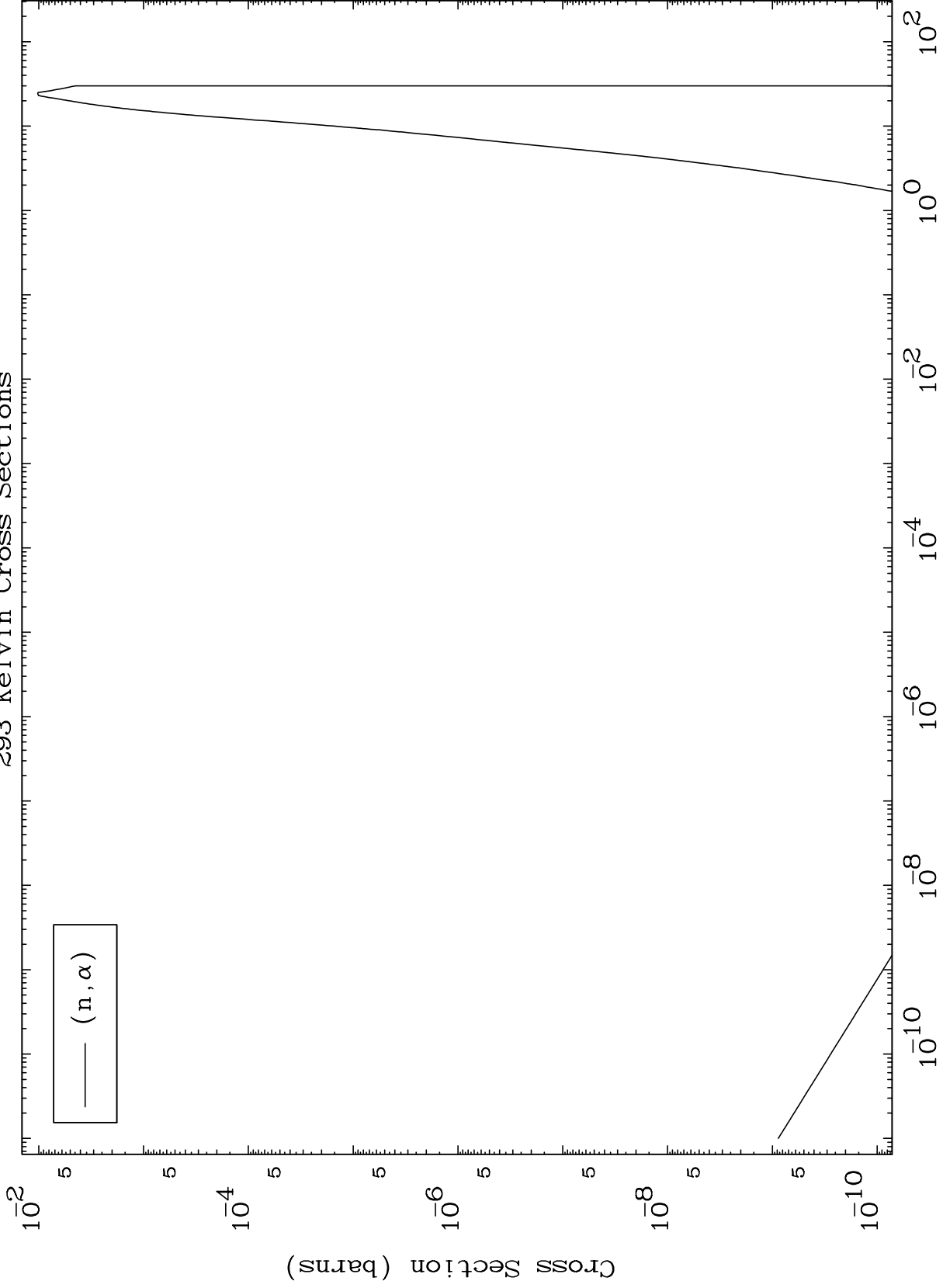
Incident Energy (MeV)

81-T1-201

MAT 81119

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

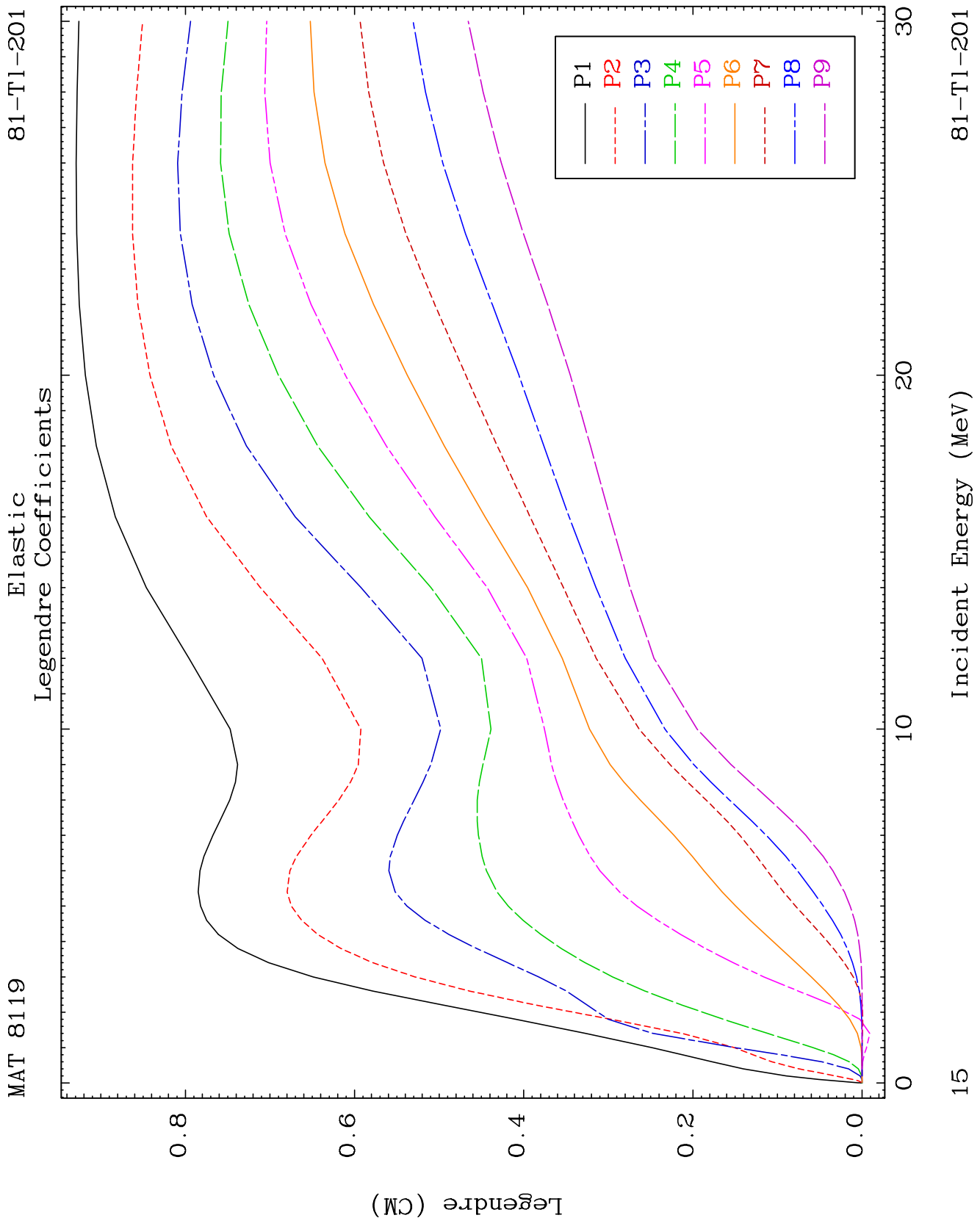
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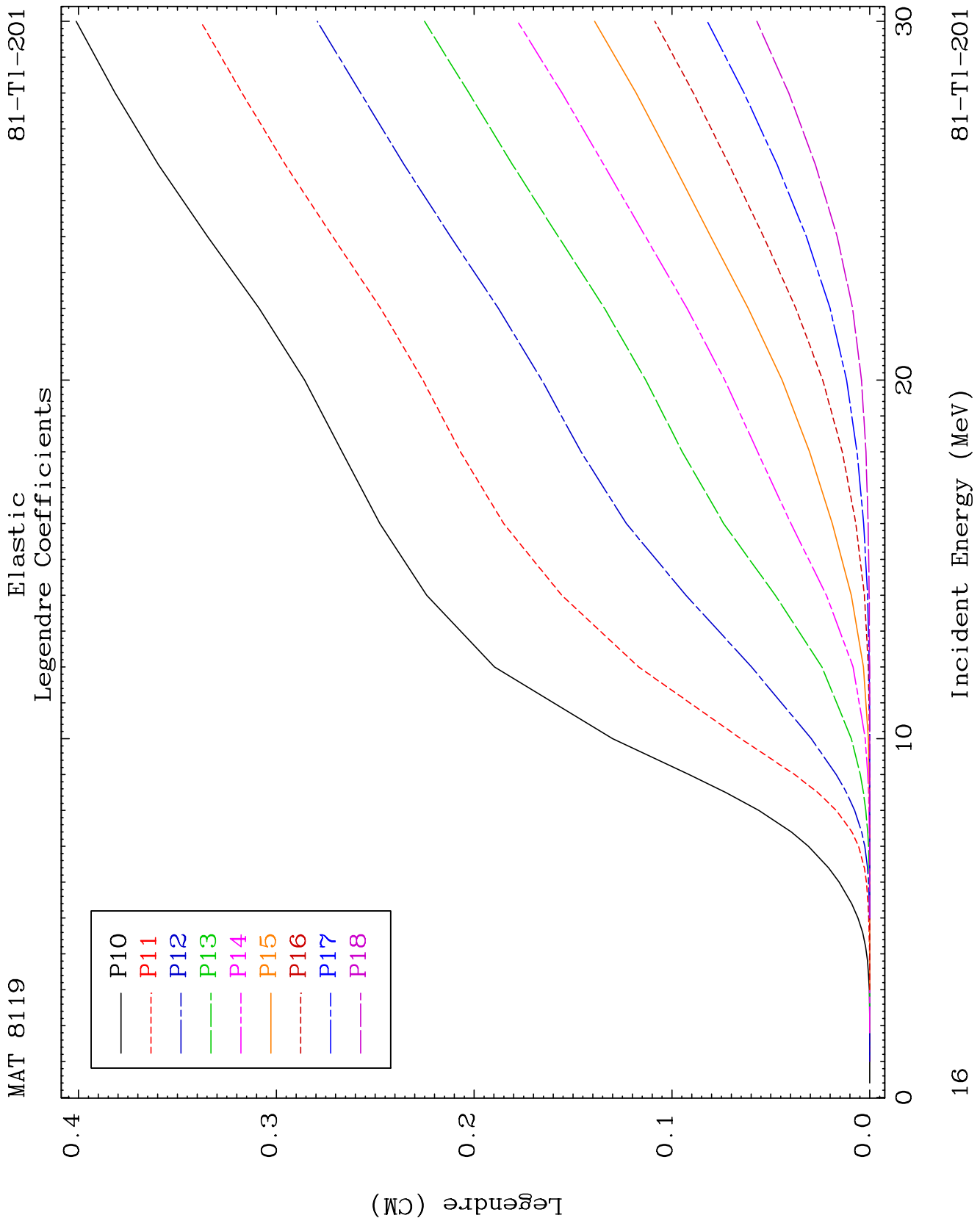
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Incident Energy (MeV)

14



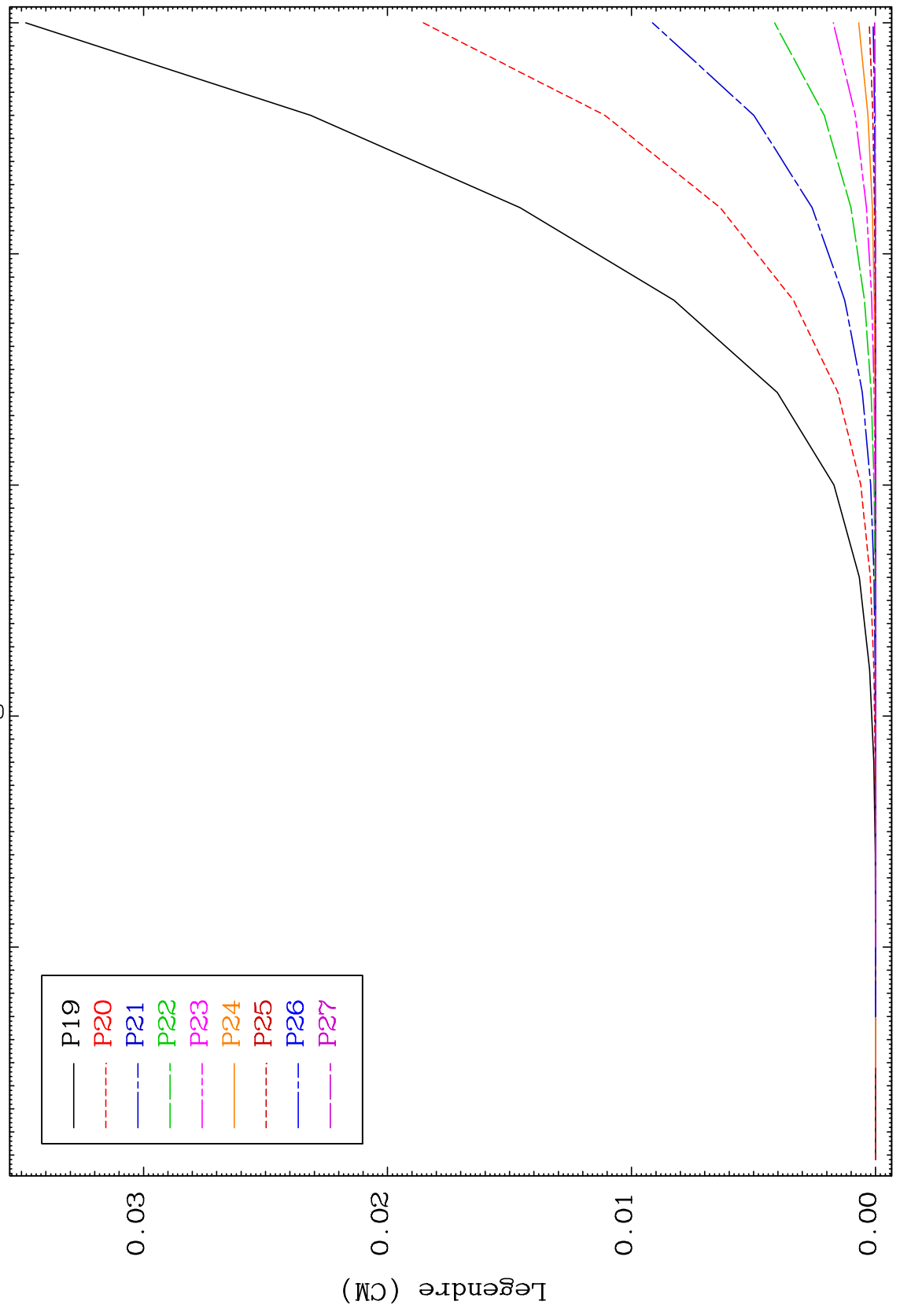




MAT 8119

### Elastic Legendre Coefficients

81-T1-201



17

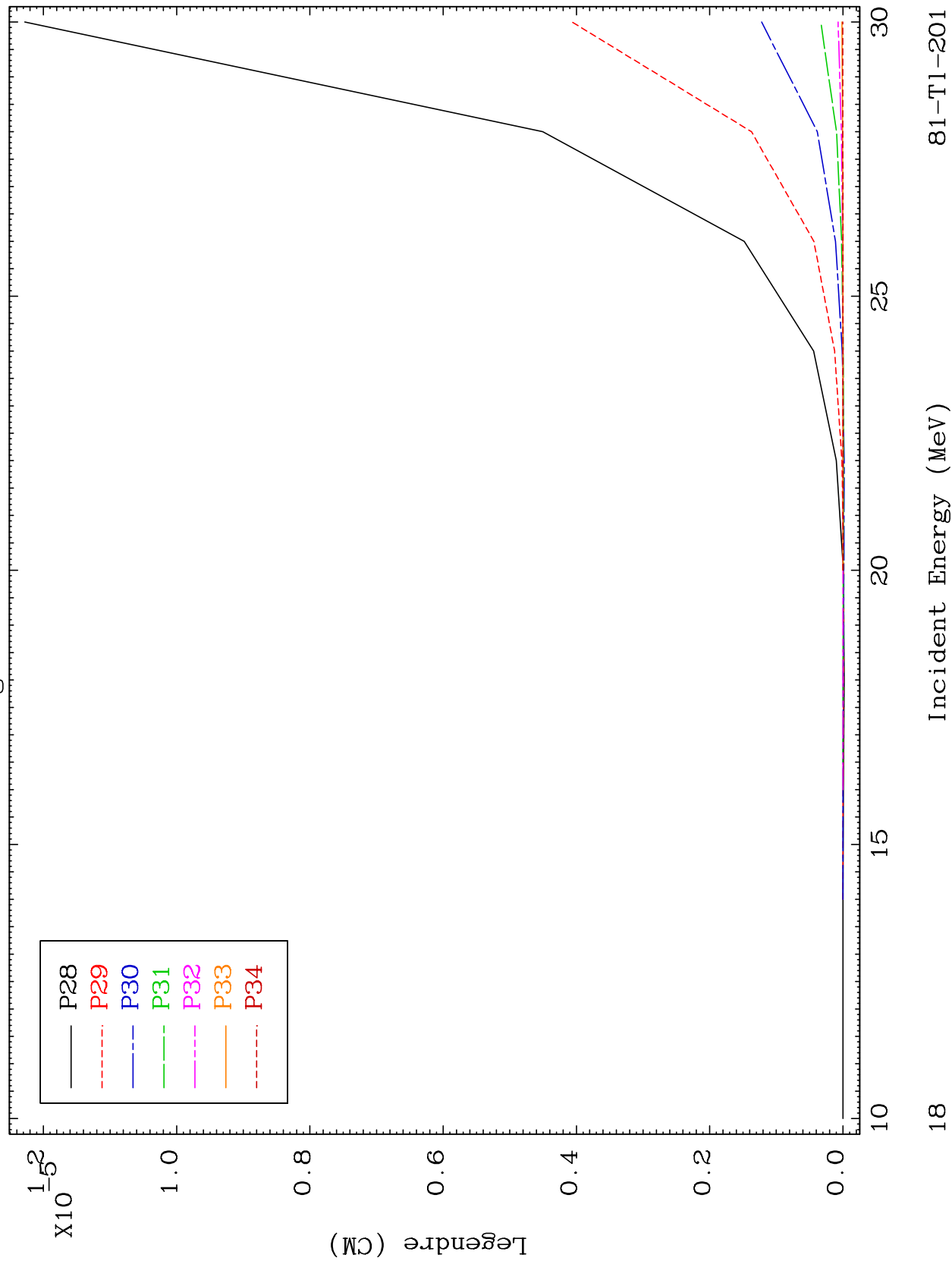
Incident Energy (MeV)

81-T1-201

MAT 8119

Elastic Legendre Coefficients

81-Tl-201



18

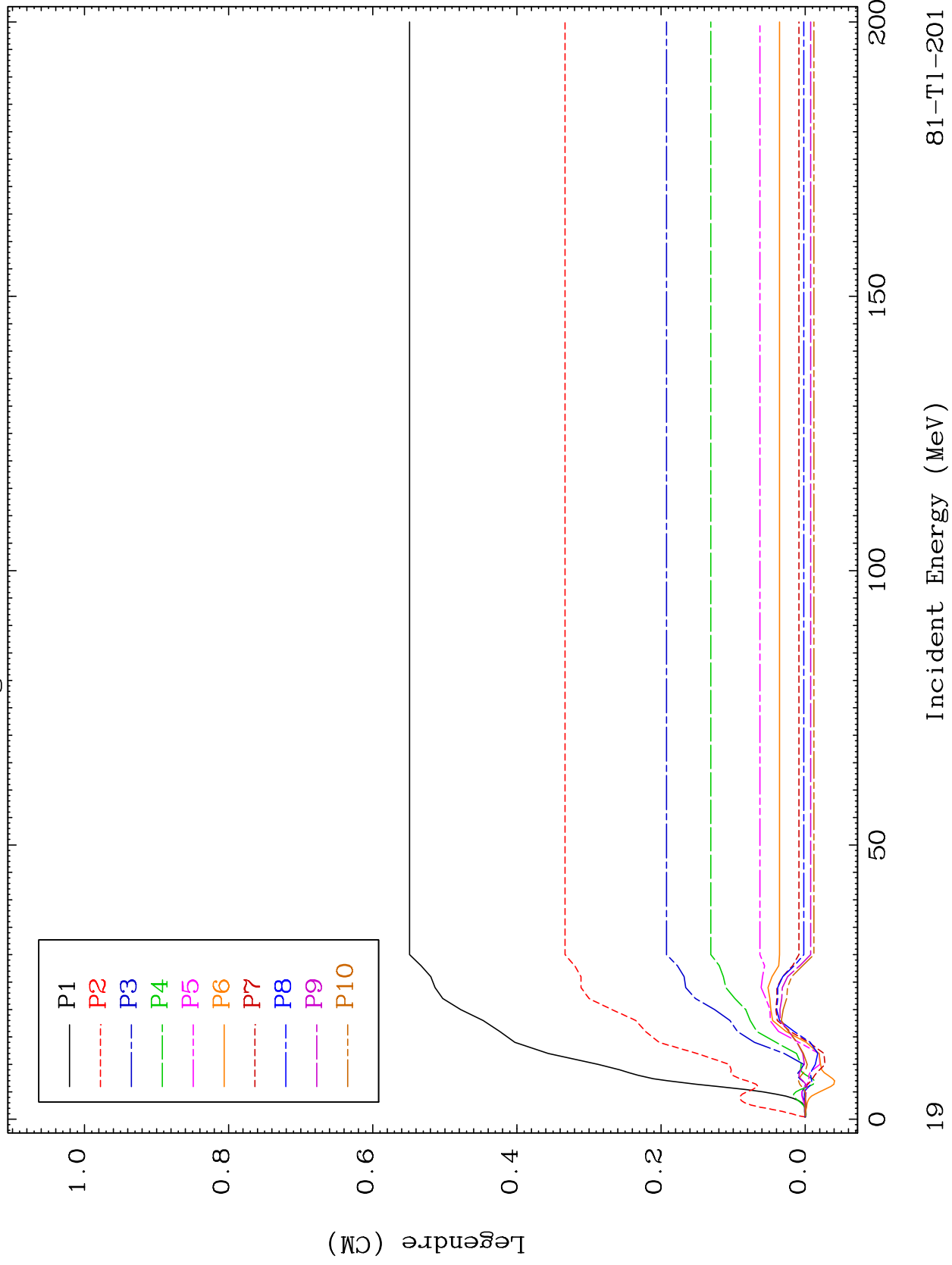
Incident Energy (MeV)

81-Tl-201

MAT 8119

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

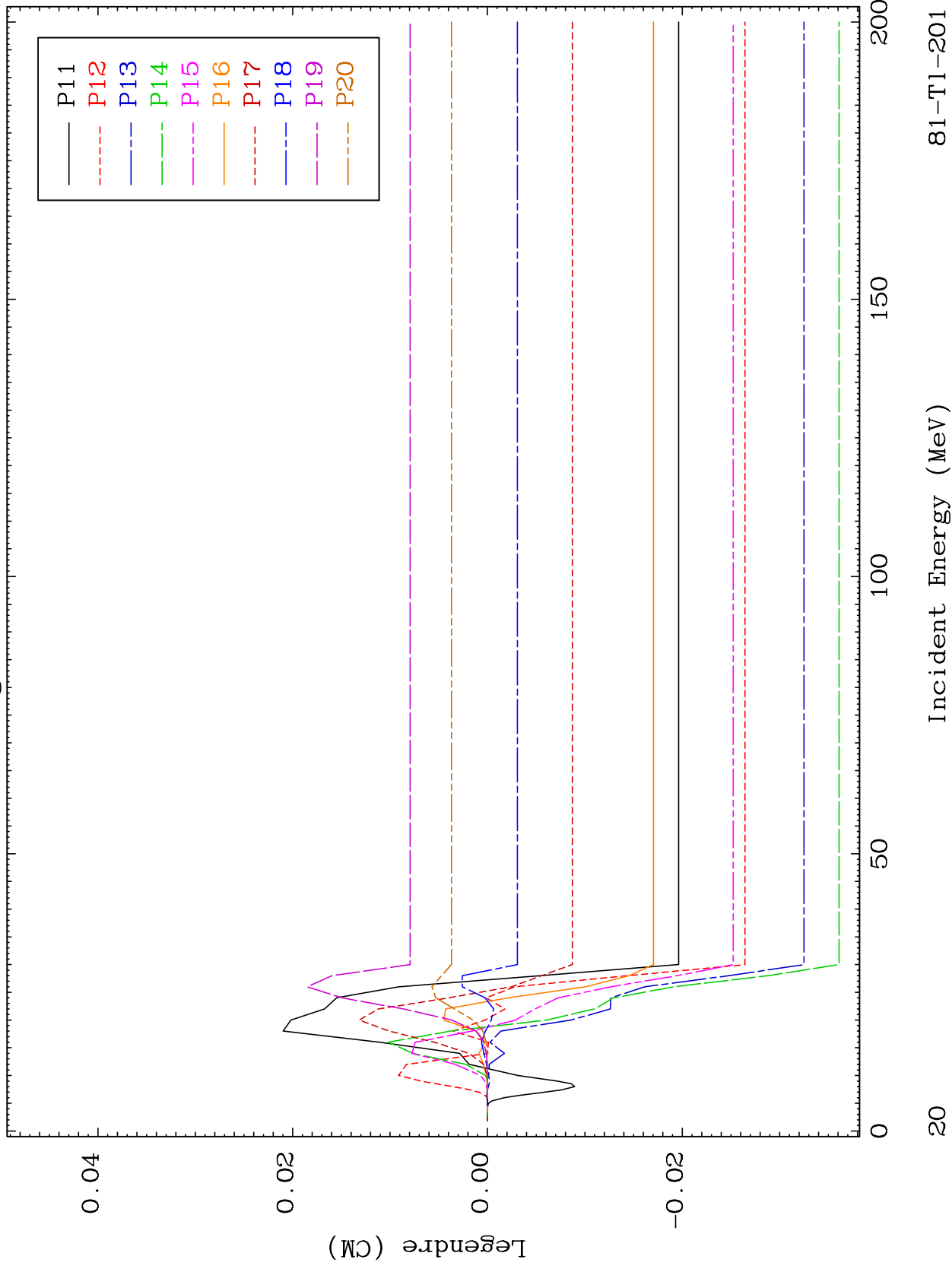
81-T1-201



MAT 81119

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

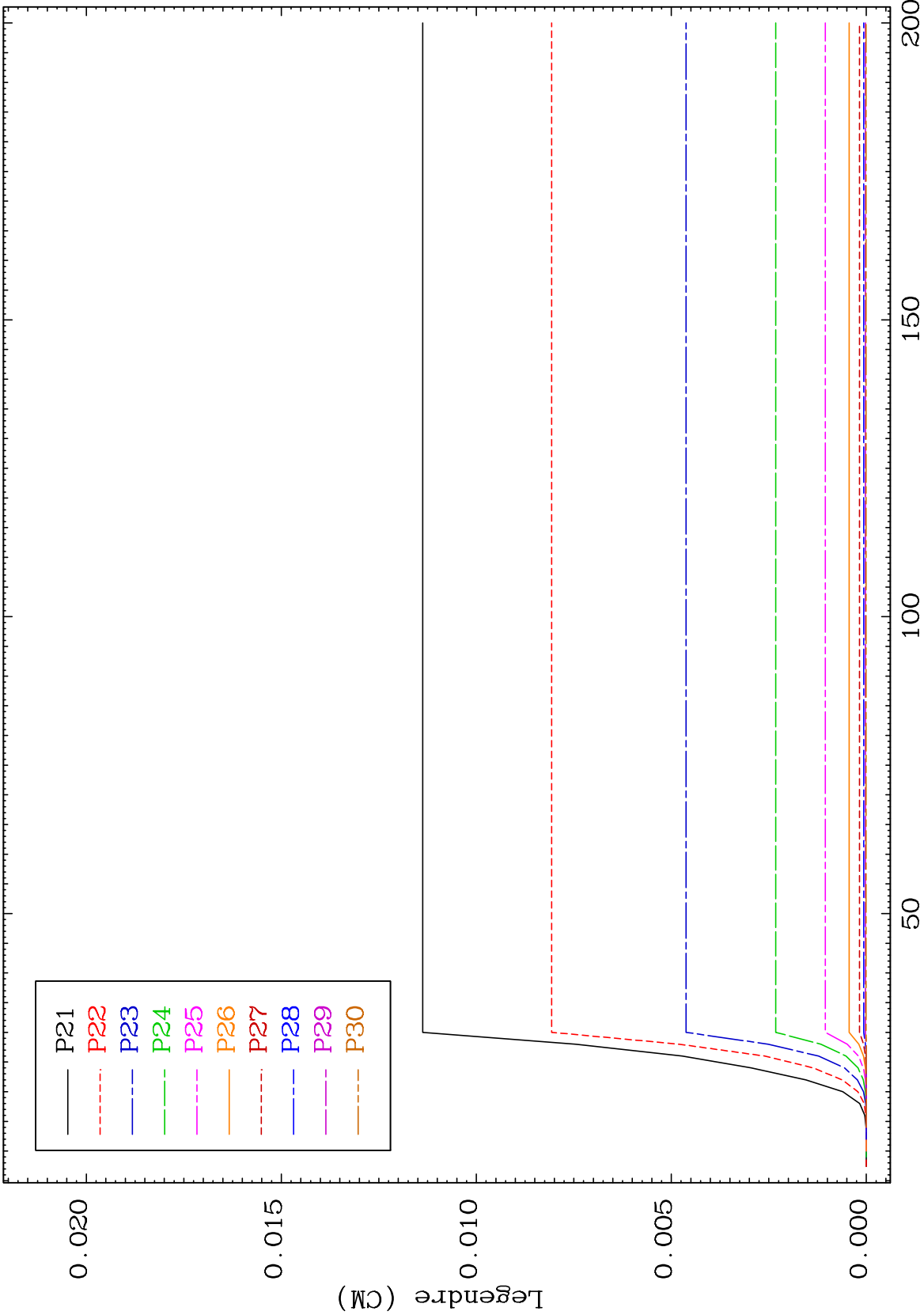
81-T1-201



81-T1-201

Incident Energy (MeV)

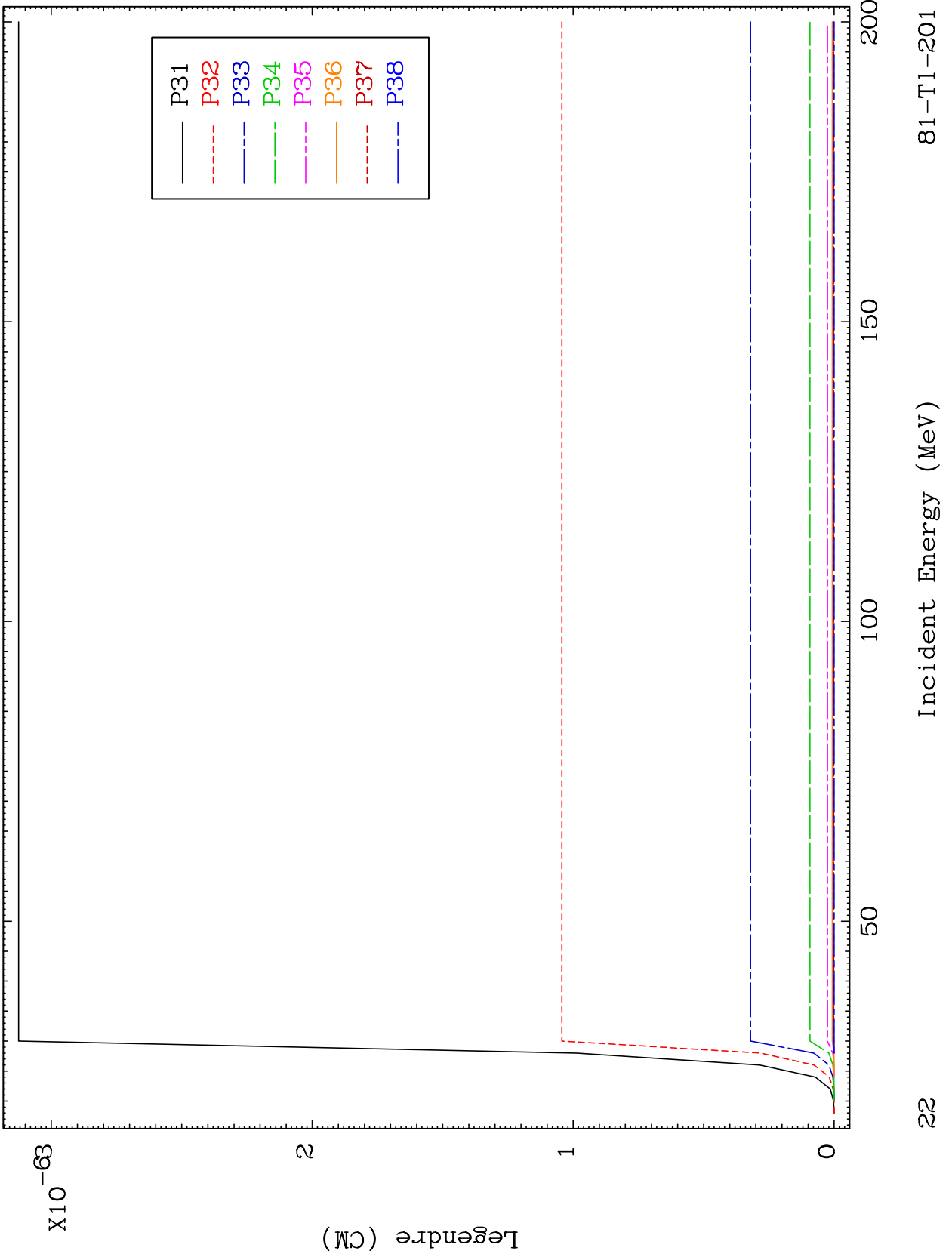
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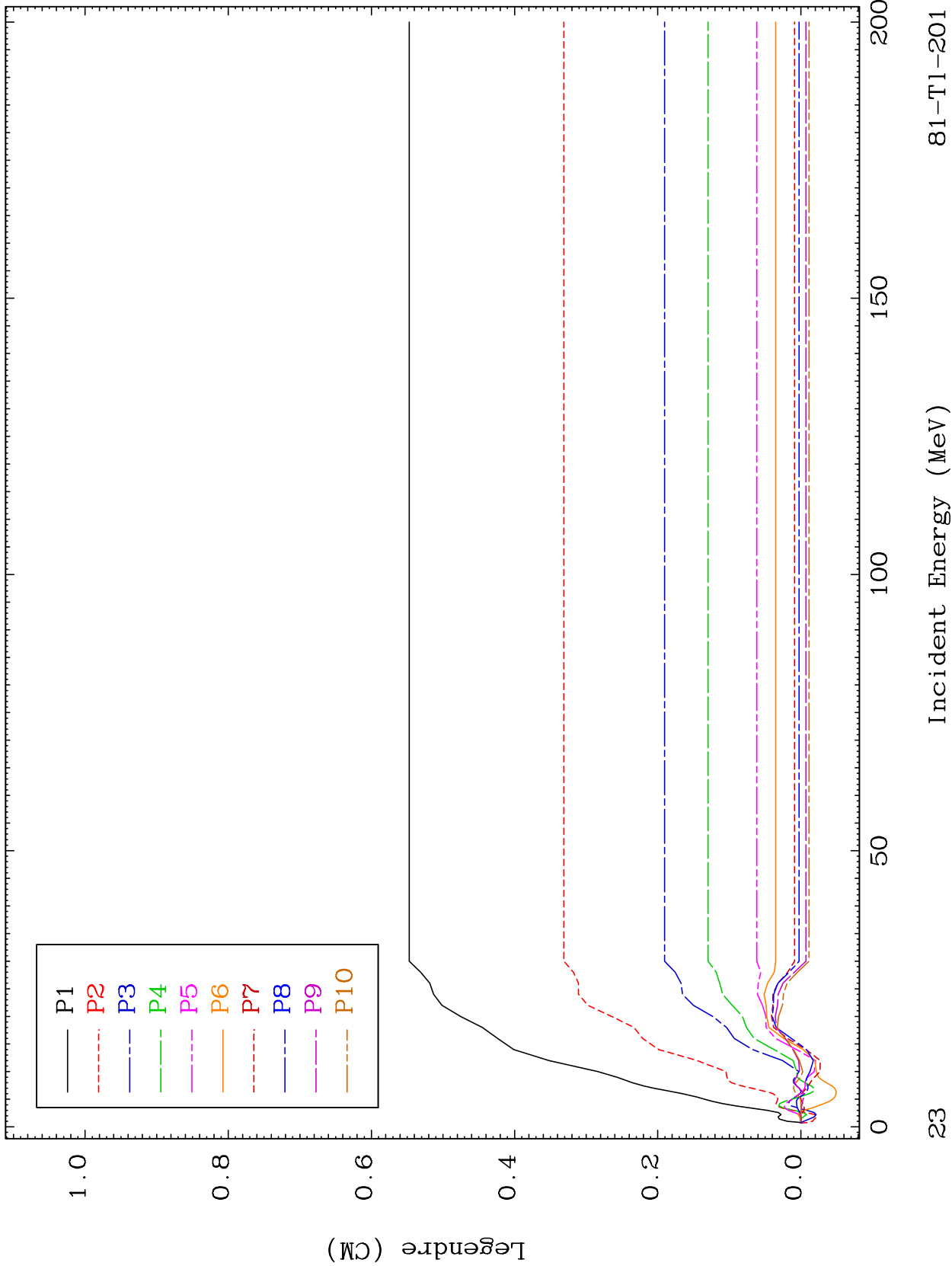
MAT 81119

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

81-Tl-201



22

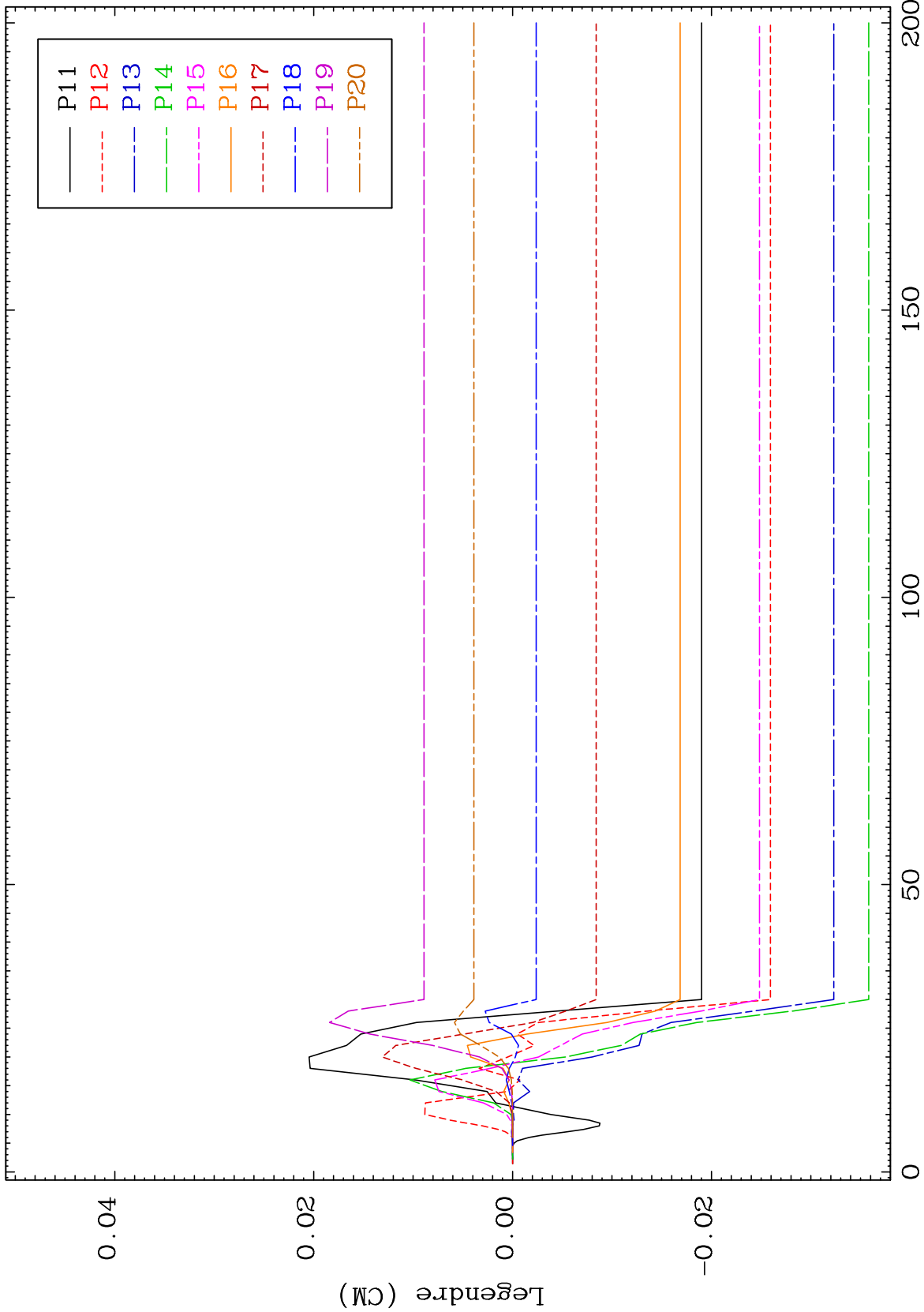




MAT 81119

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

81-T1-201



24

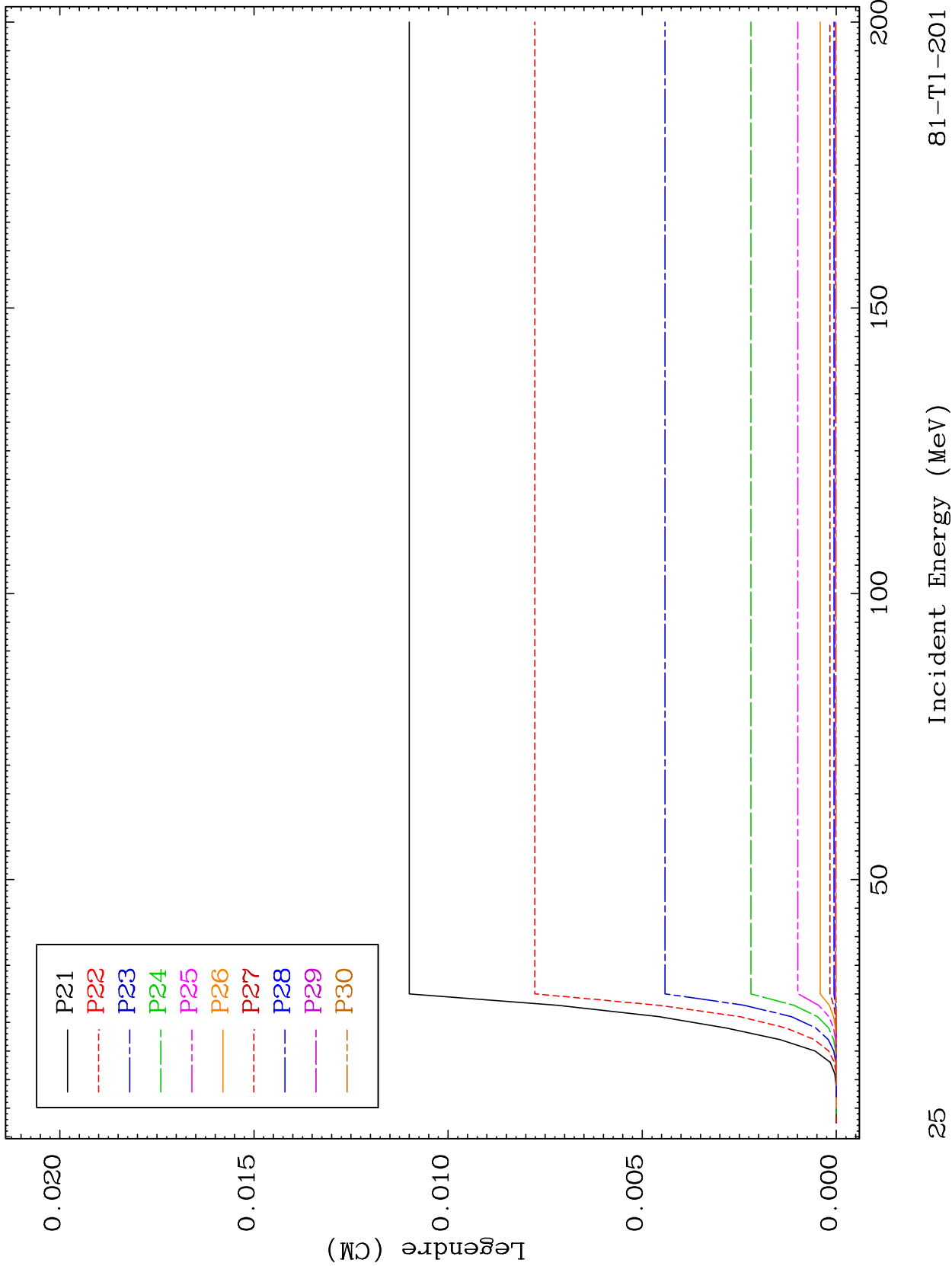
Incident Energy (MeV)

81-T1-201

MAT 81119

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

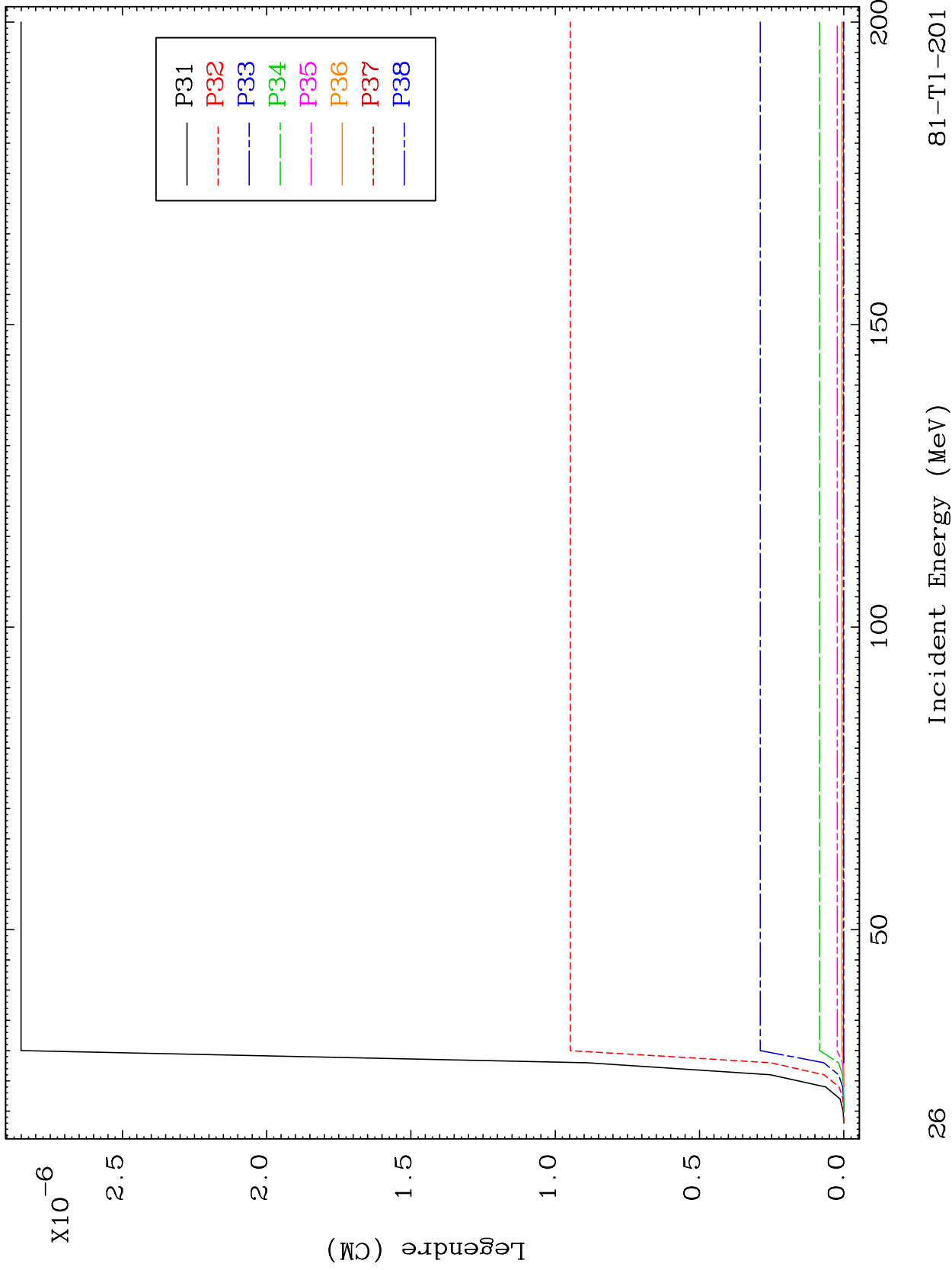
81-Tl-201



25

Incident Energy (MeV)

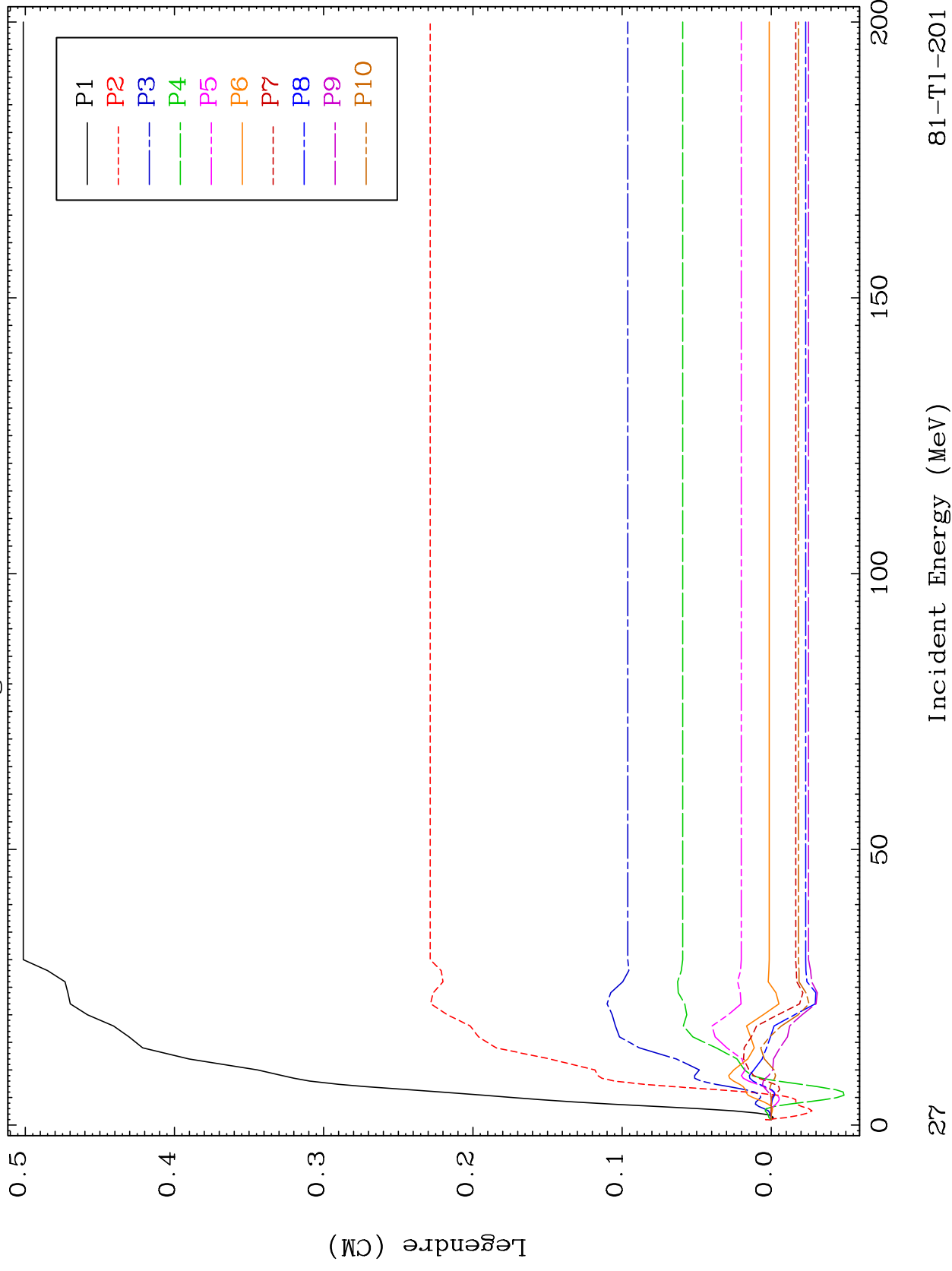
81-Tl-201



MAT 81119

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

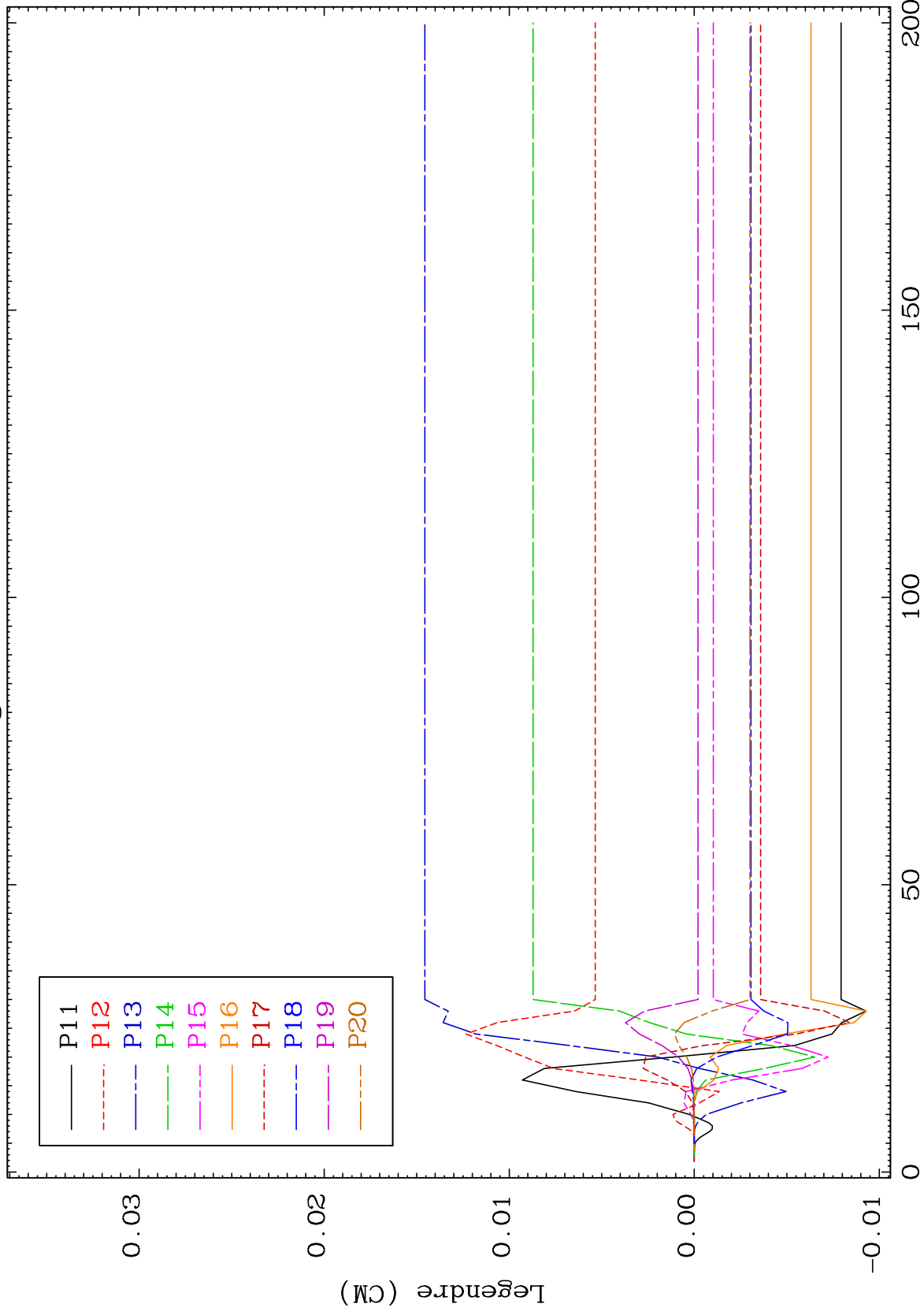
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MAT 8119

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

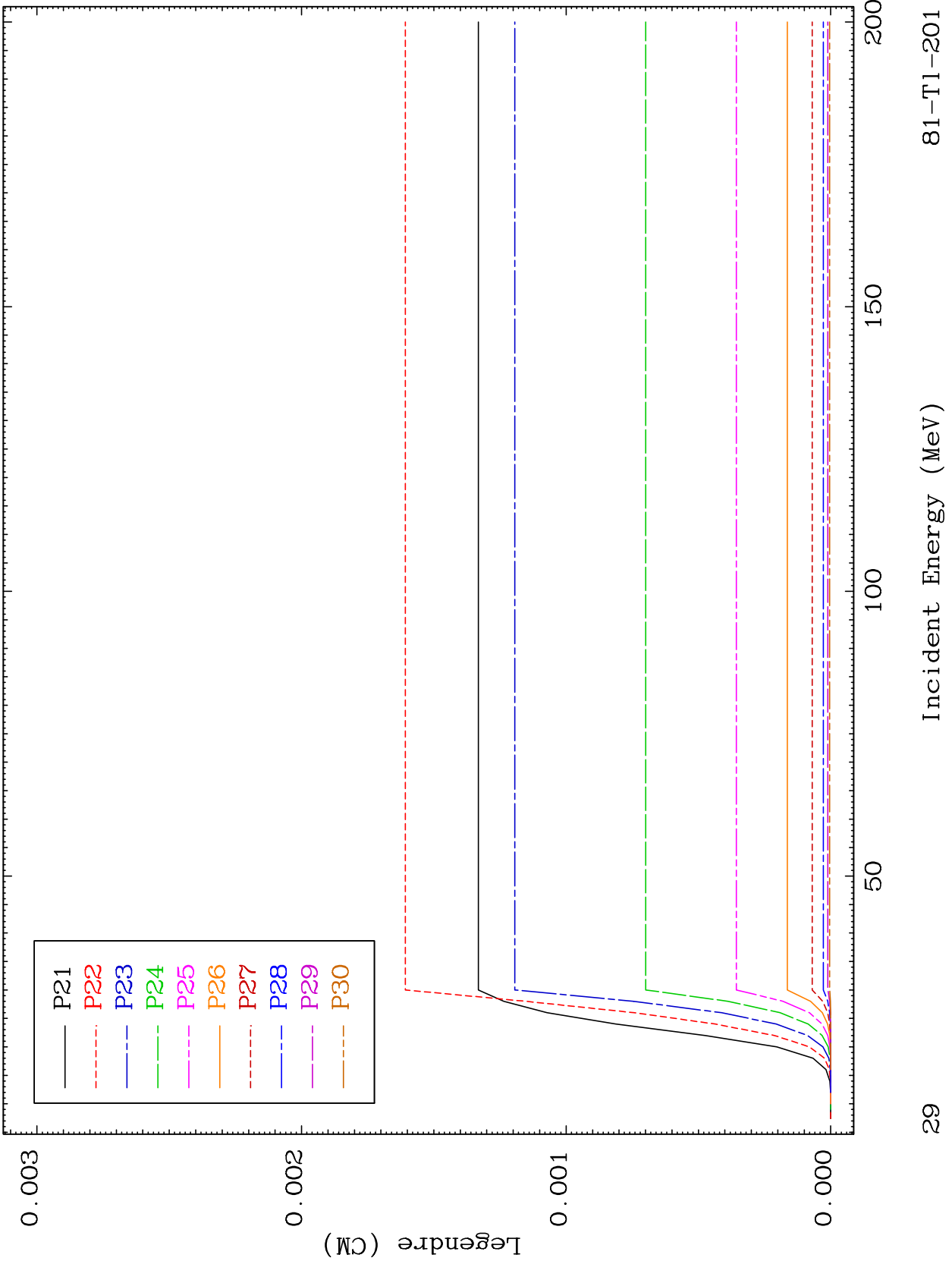
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28

Incident Energy (MeV)

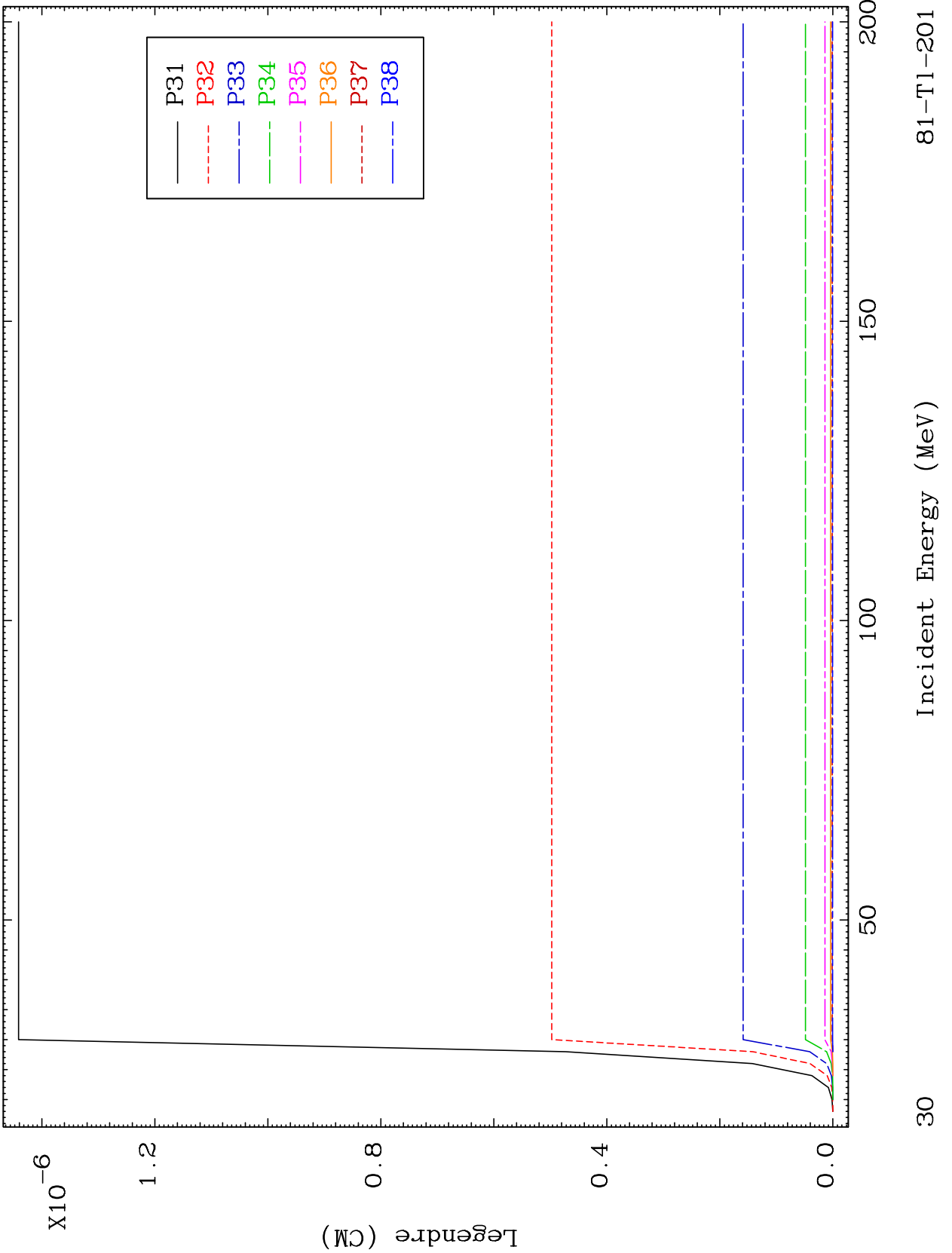
81-T1-201



MAT 81119

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

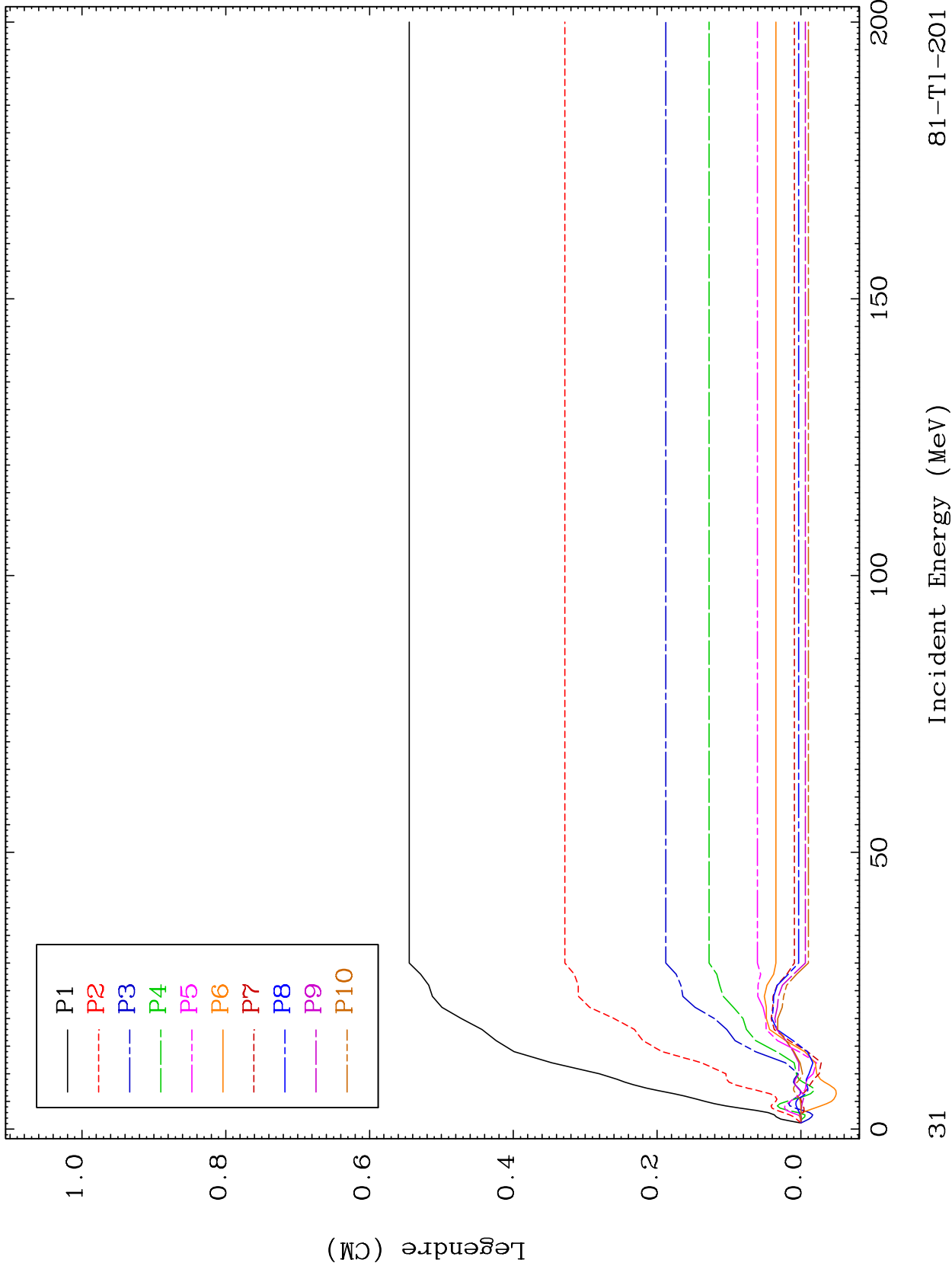
81-T1-201



MAT 81119

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

81-T1-201



31

Incident Energy (MeV)

81-T1-201



MAT 81119

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

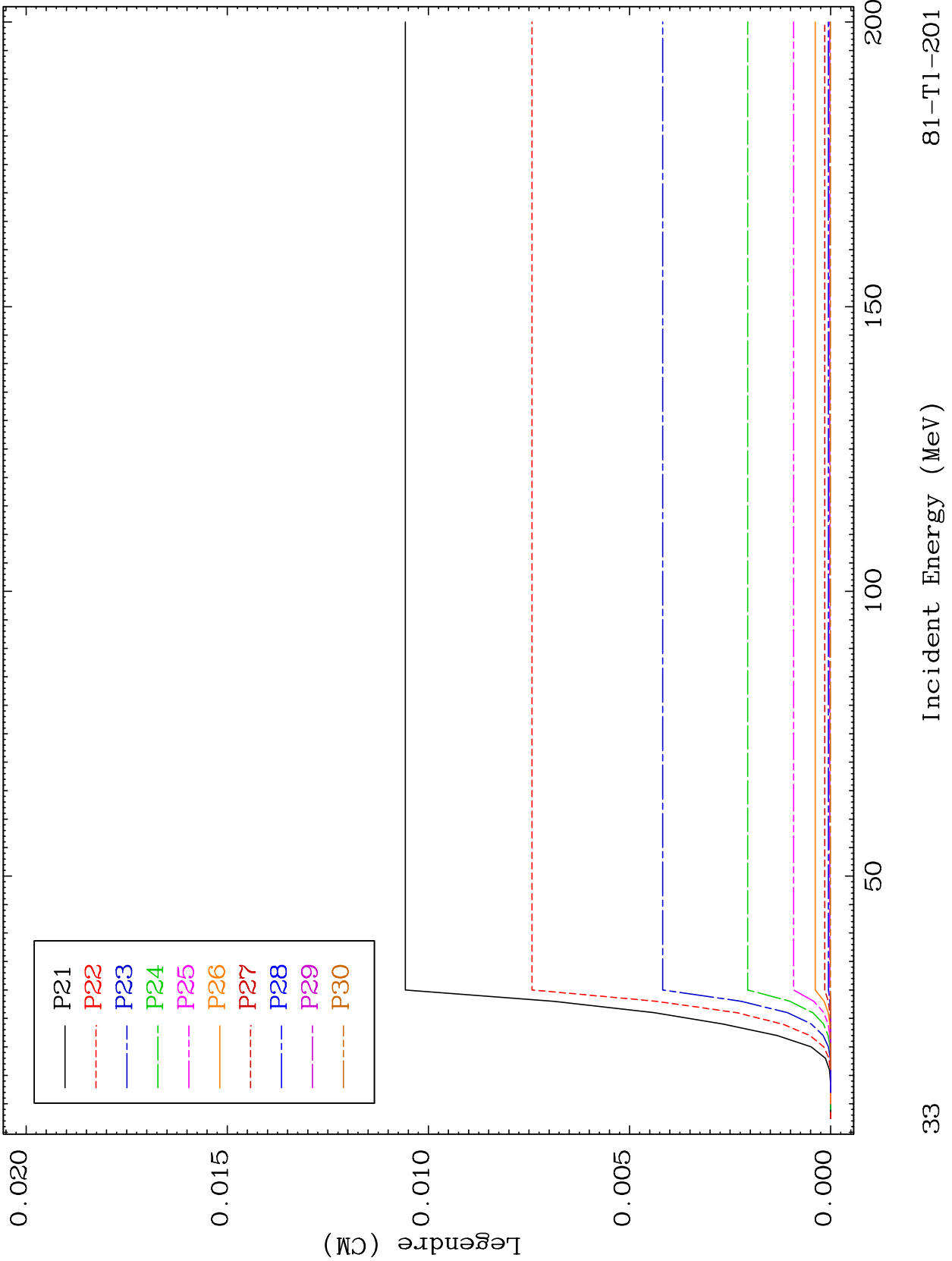
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32

Incident Energy (MeV)

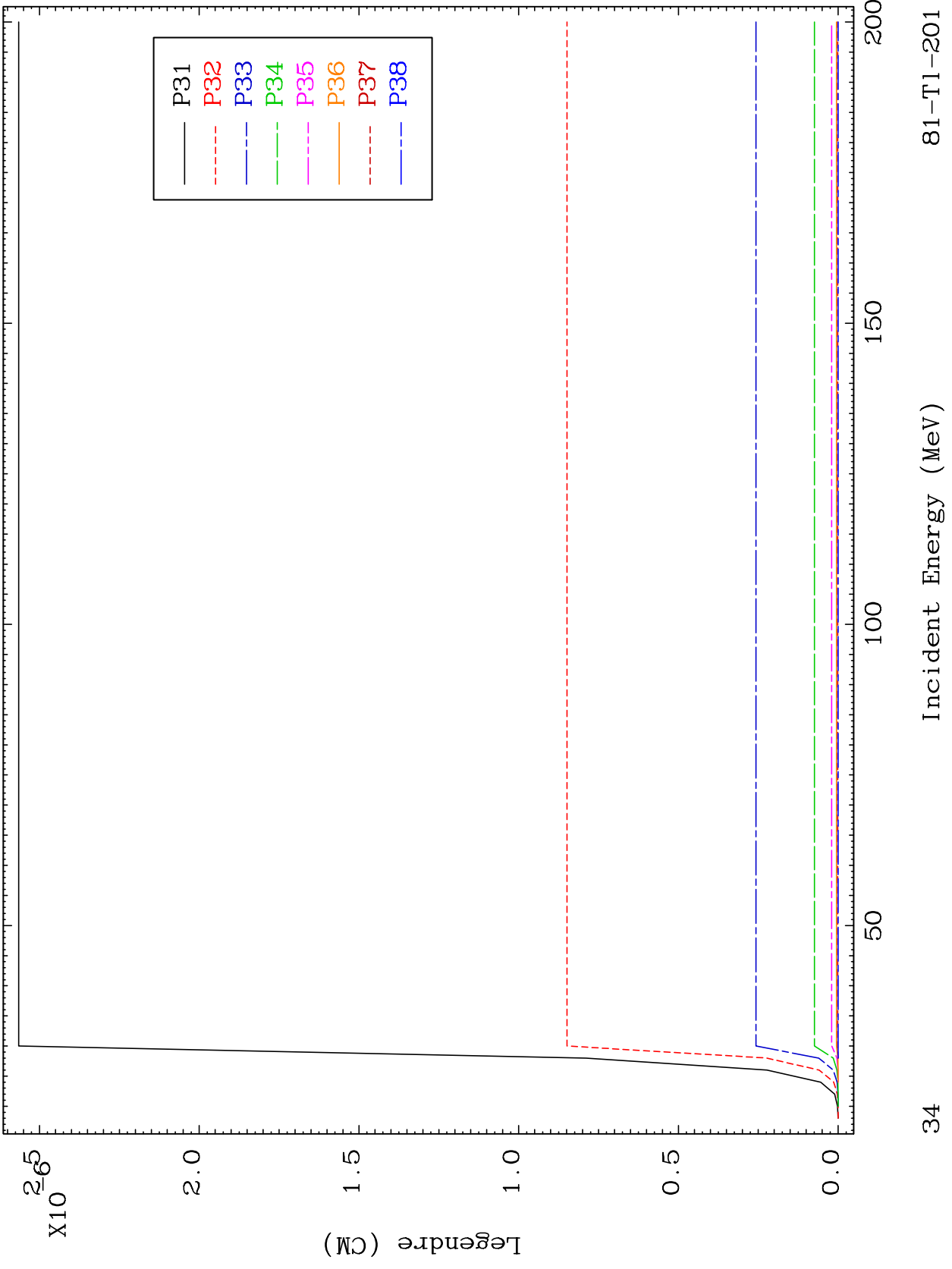
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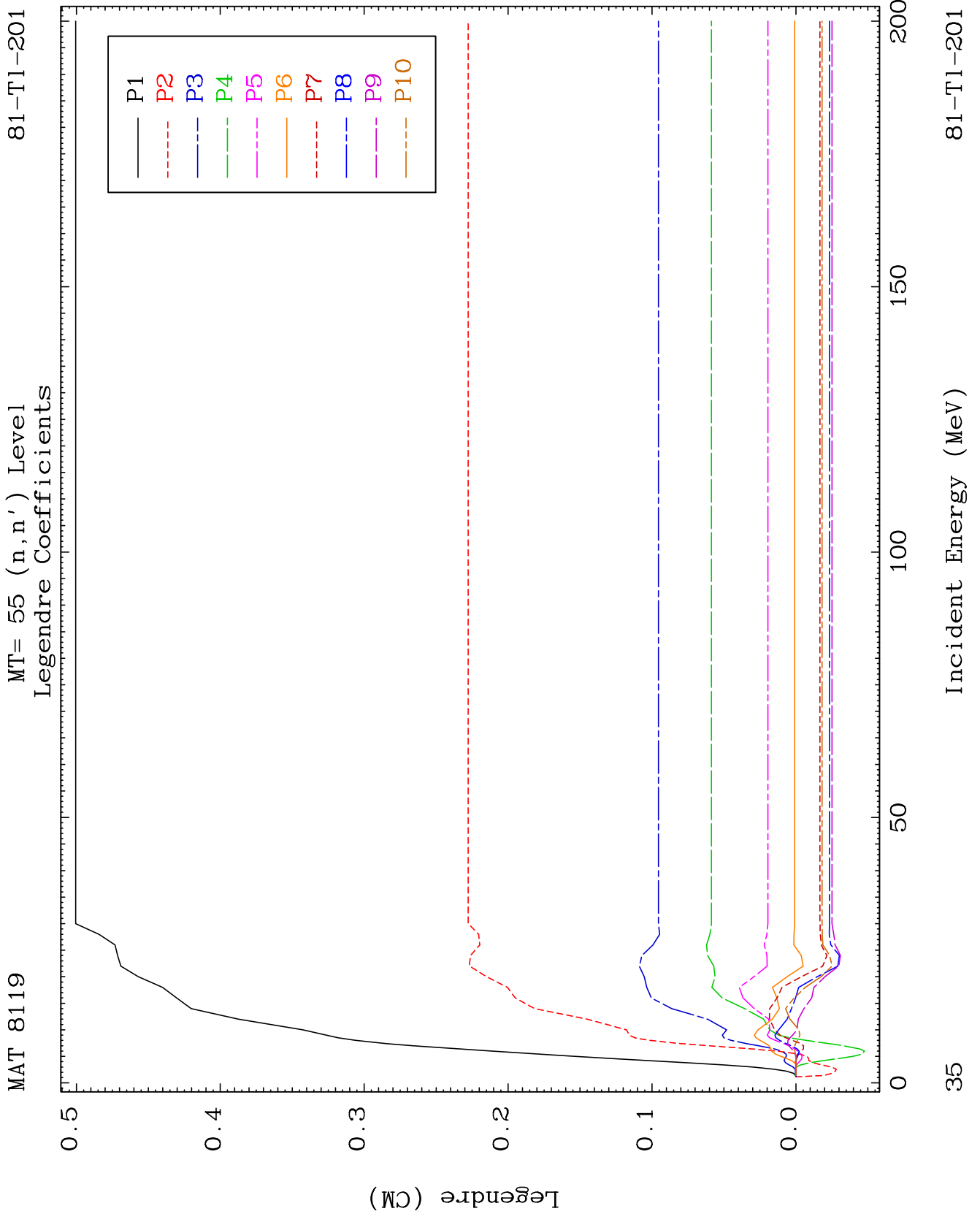


MAT 81119

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

81-Tl-201

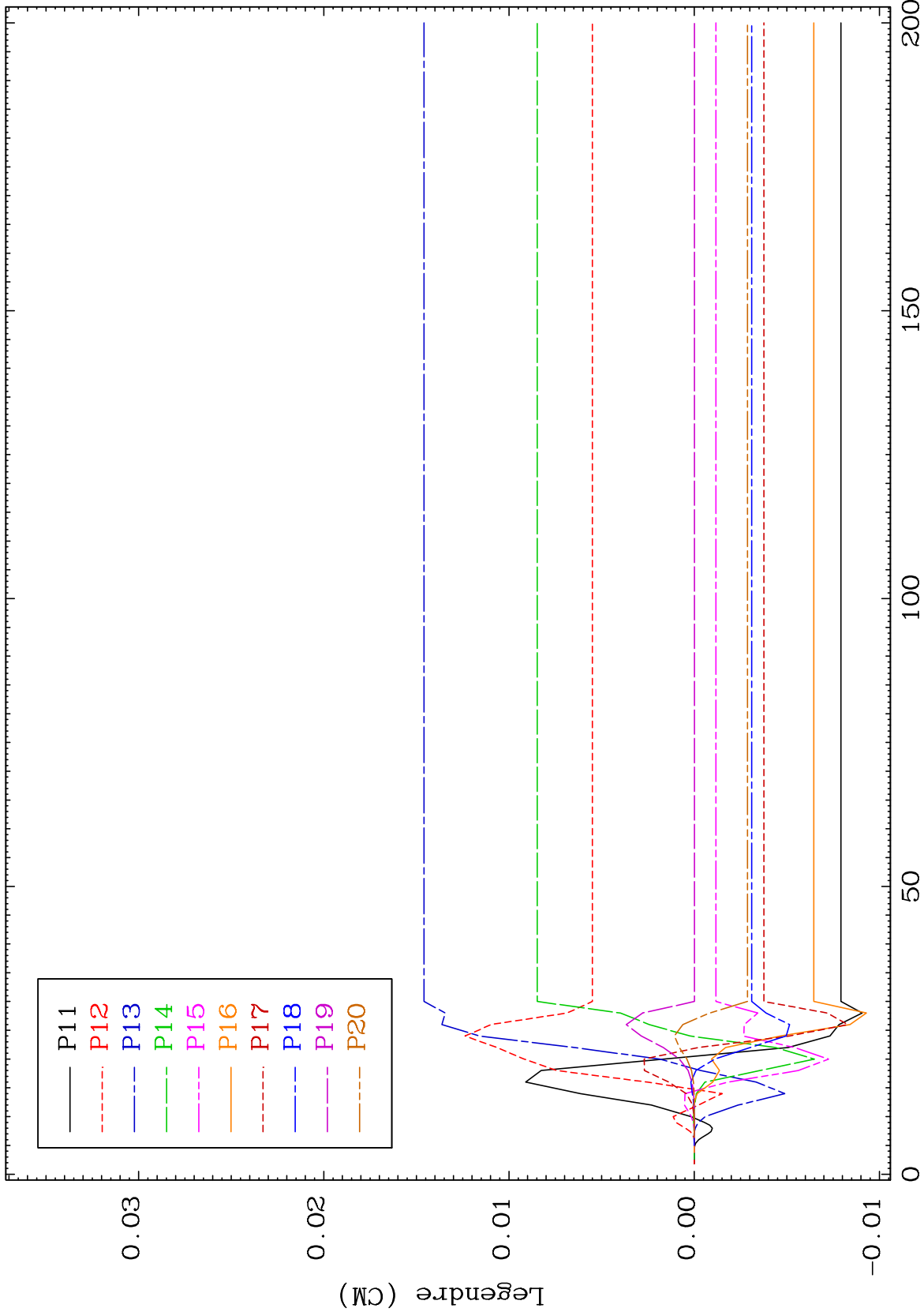




MAT 8119

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

81-Tl-201



36

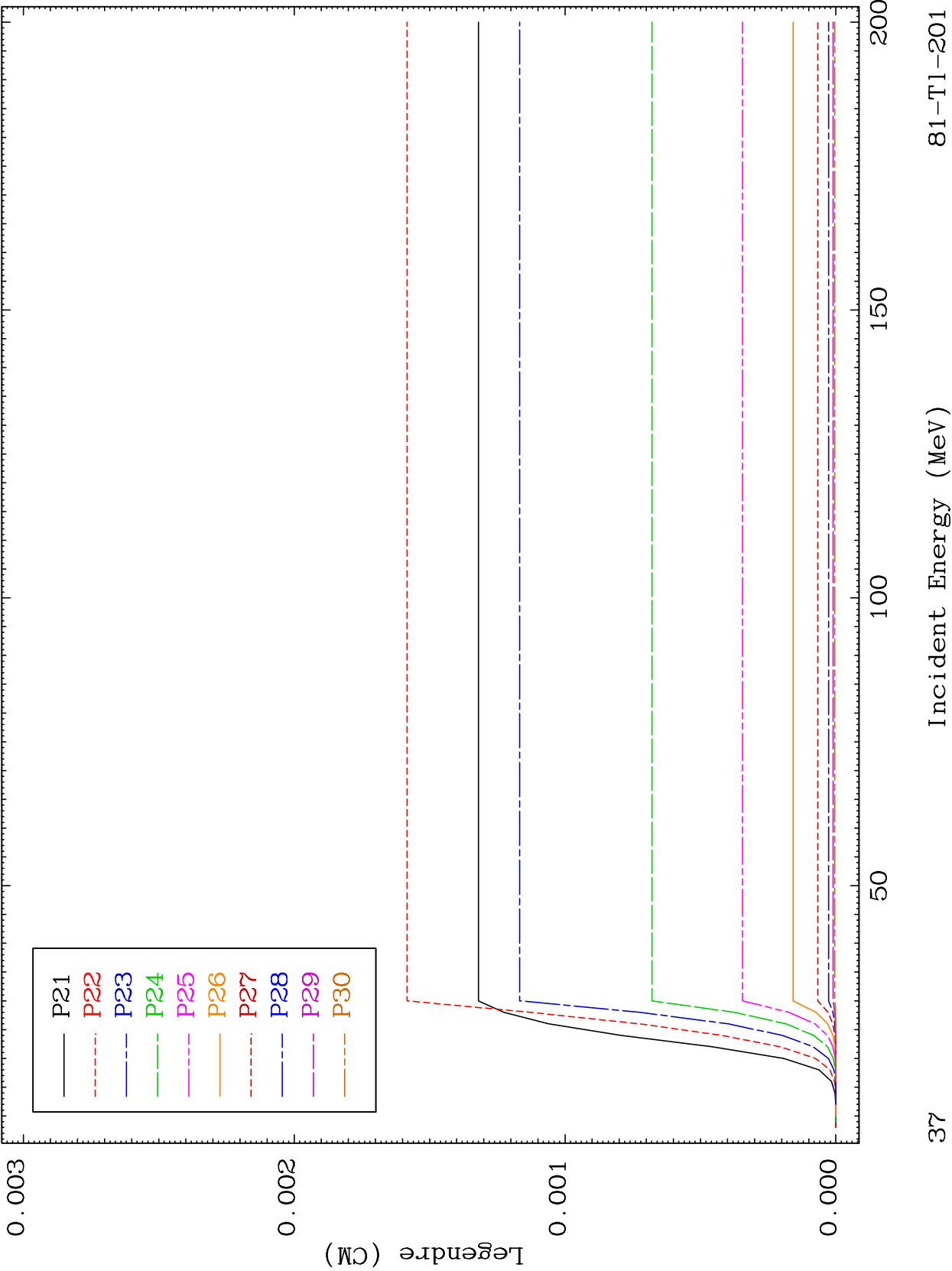
Incident Energy (MeV)

81-Tl-201

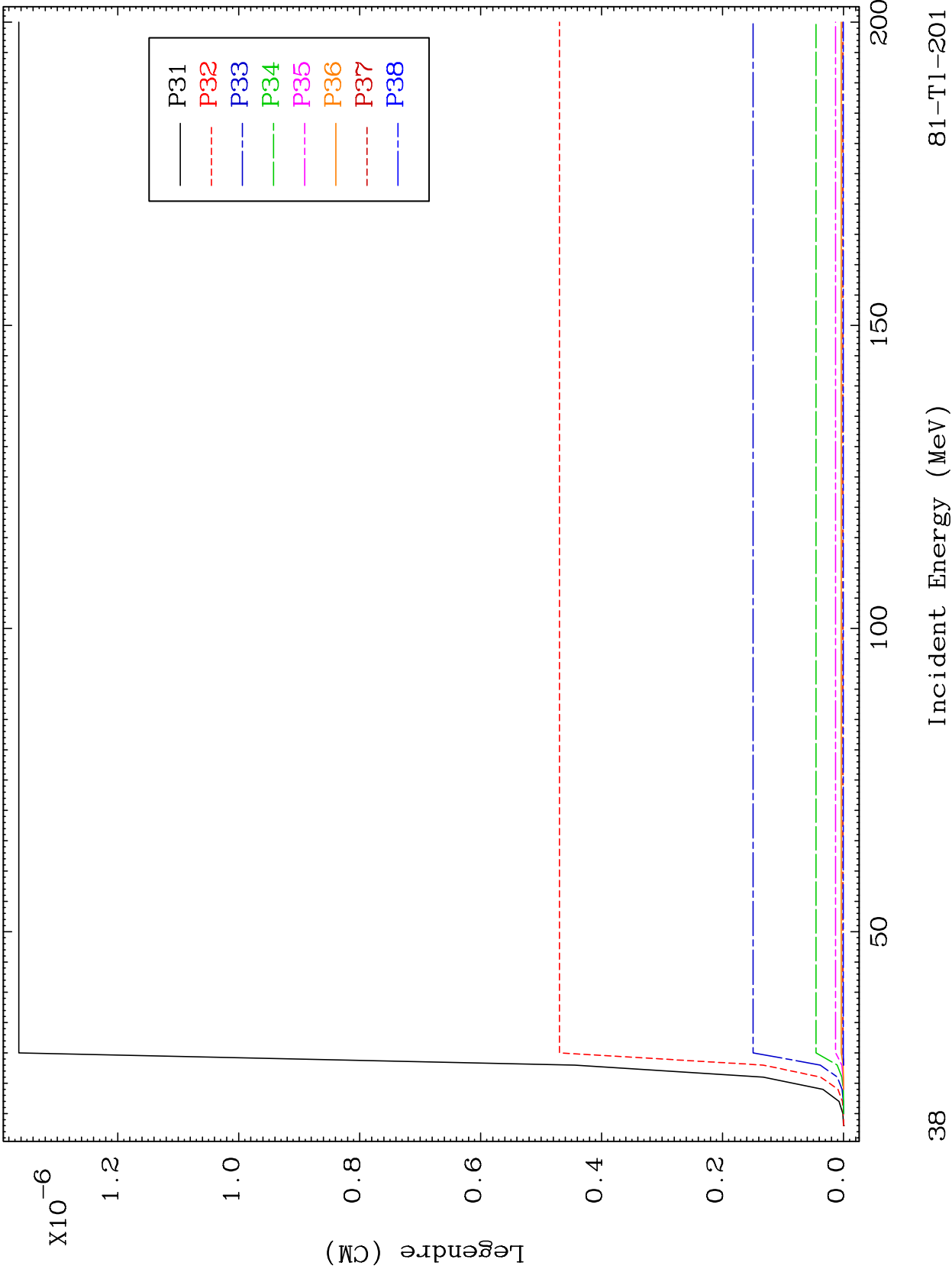
MAT 8119

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

81-Tl-201



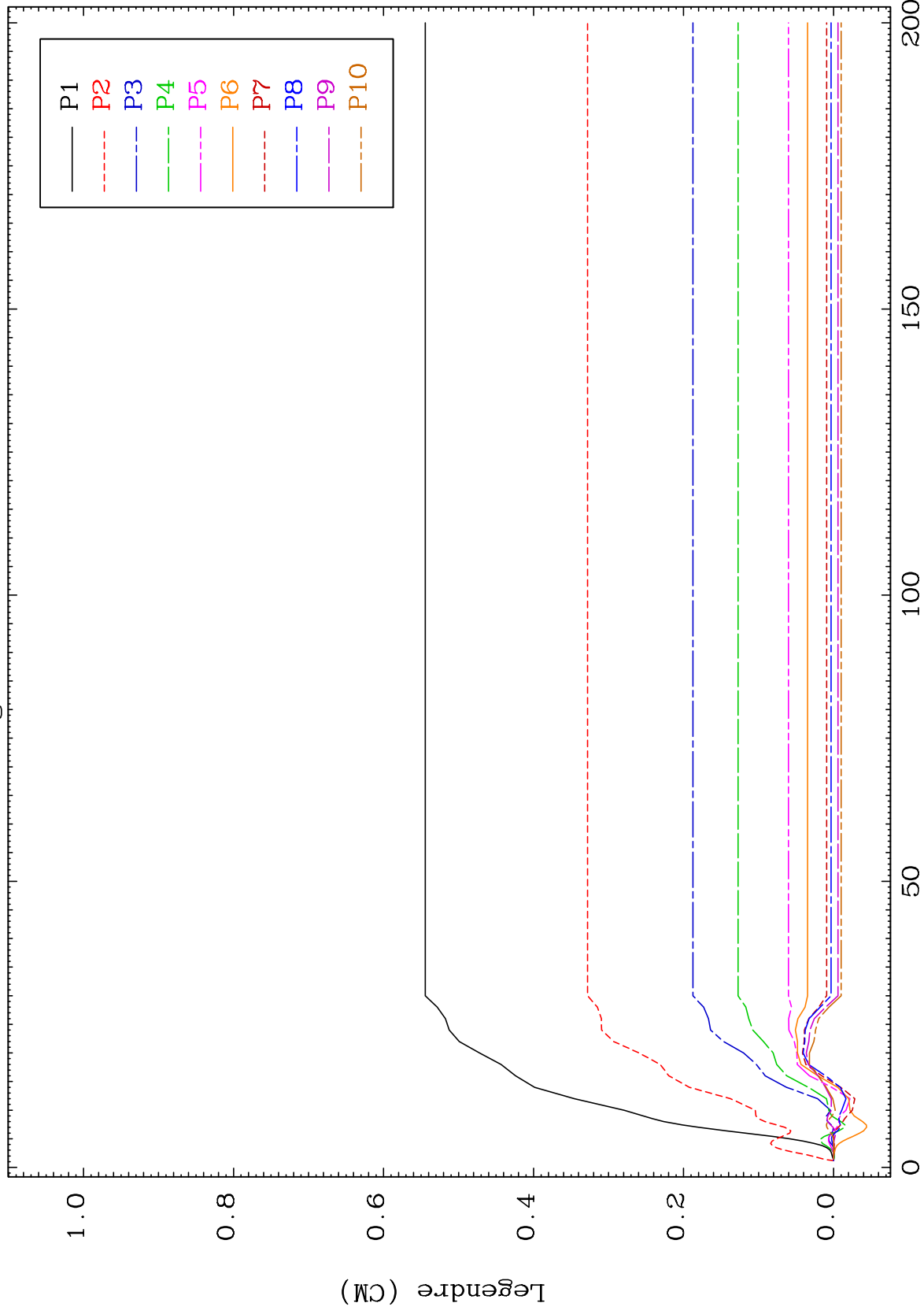
37



MAT 81119

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

81-T1-201



39

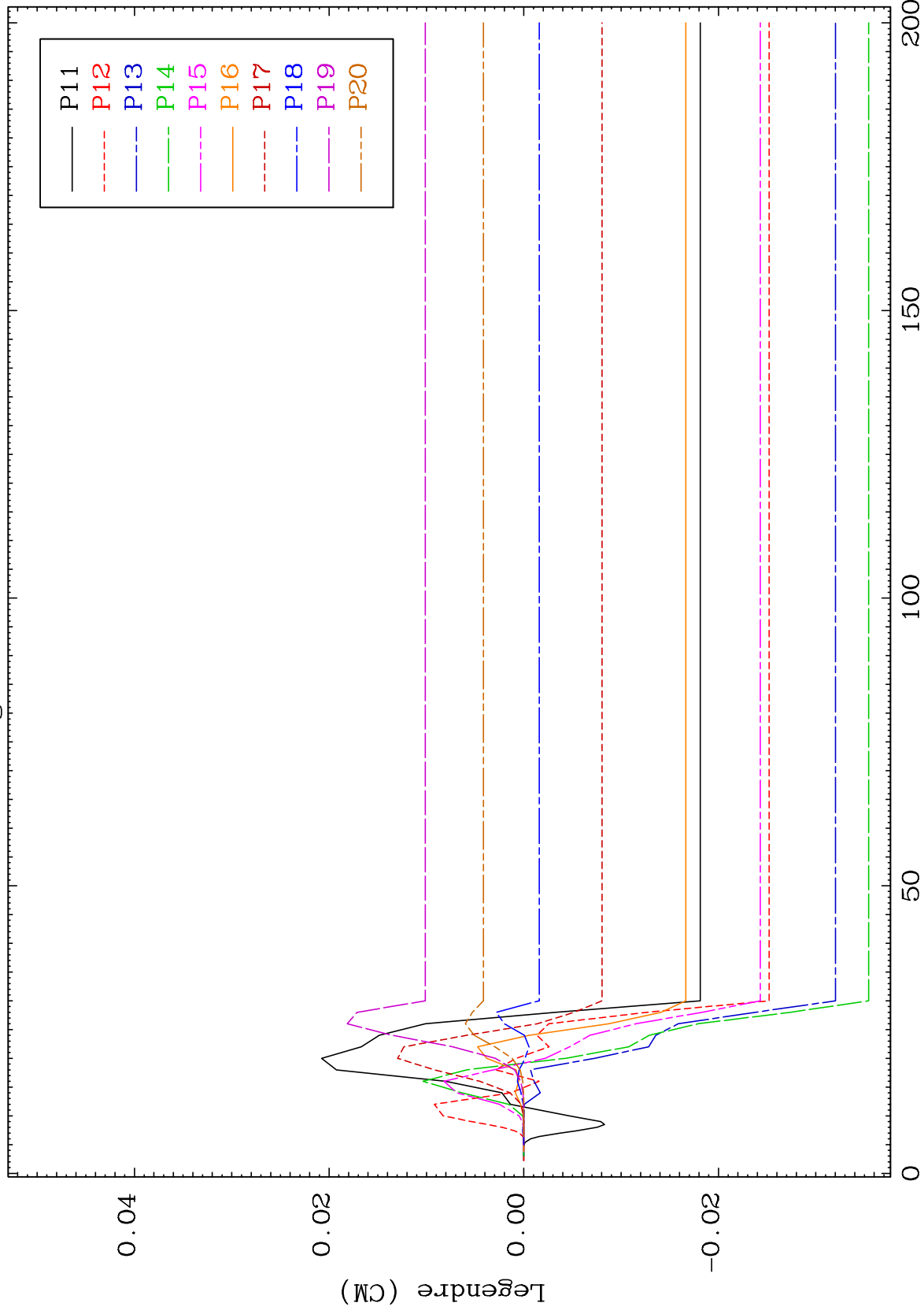
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MAT 81119

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

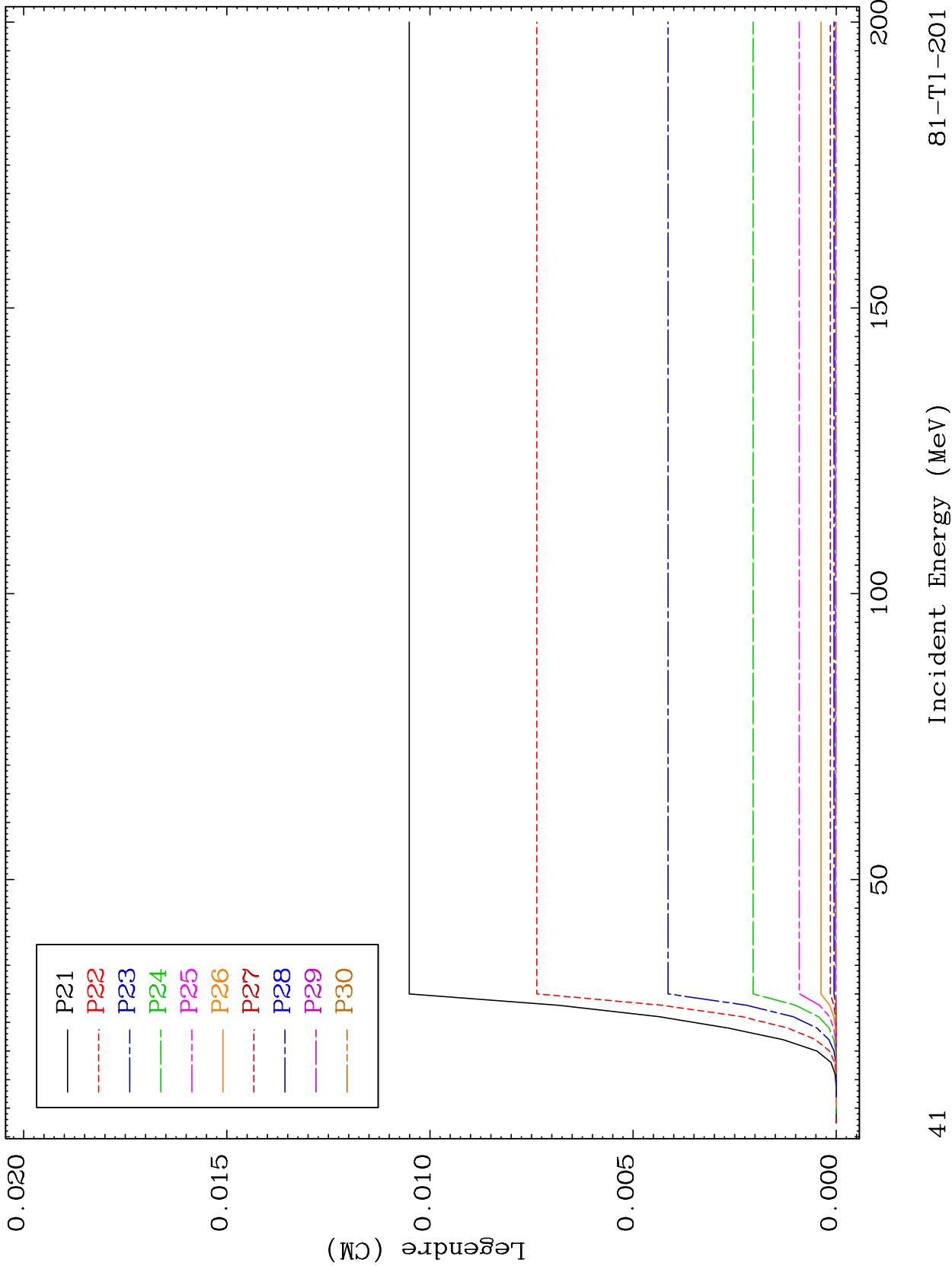
81-Tl-201



81-Tl-201

Incident Energy (MeV)

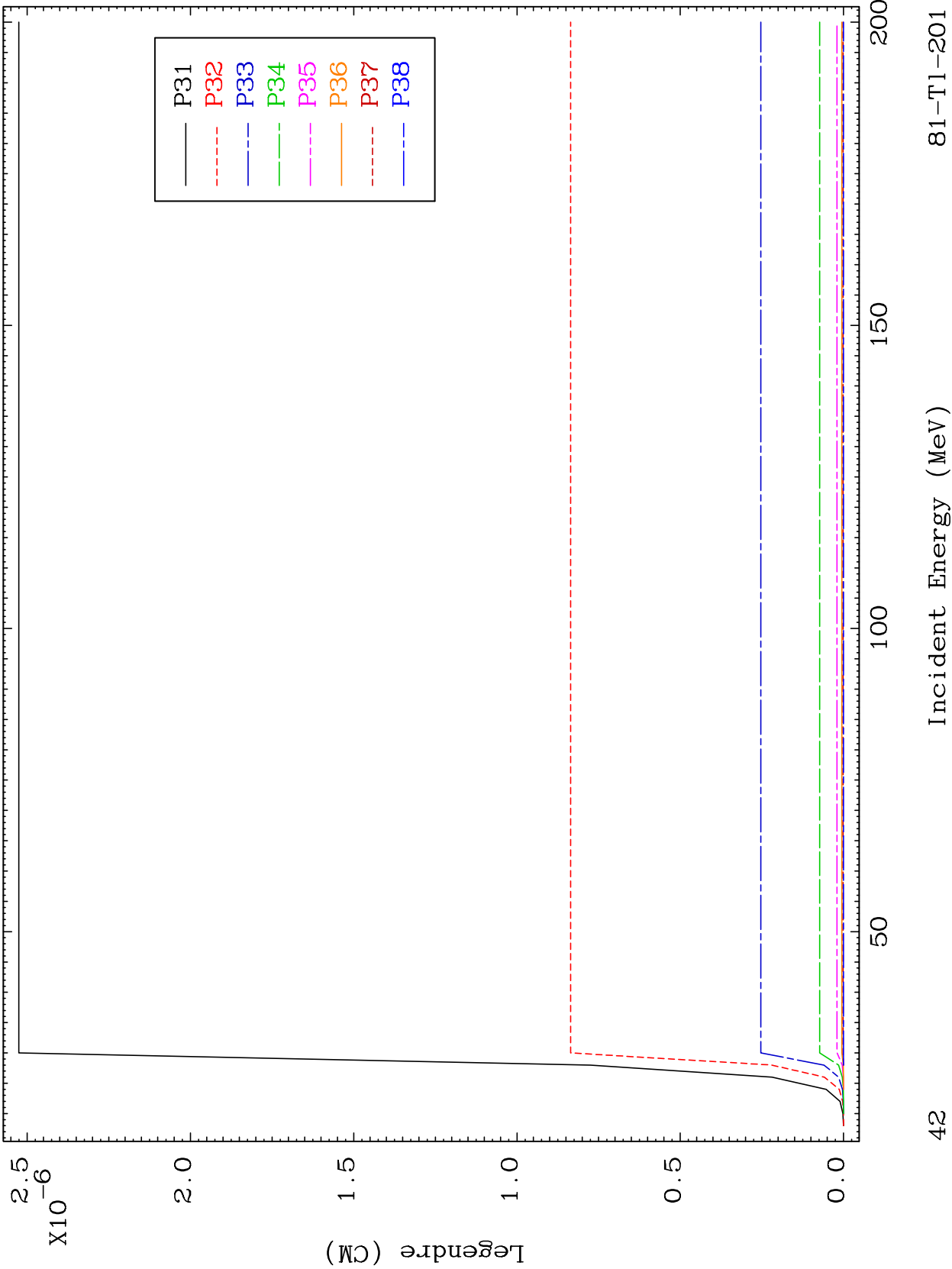
40



MAT 81119

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

81-T1-201



42

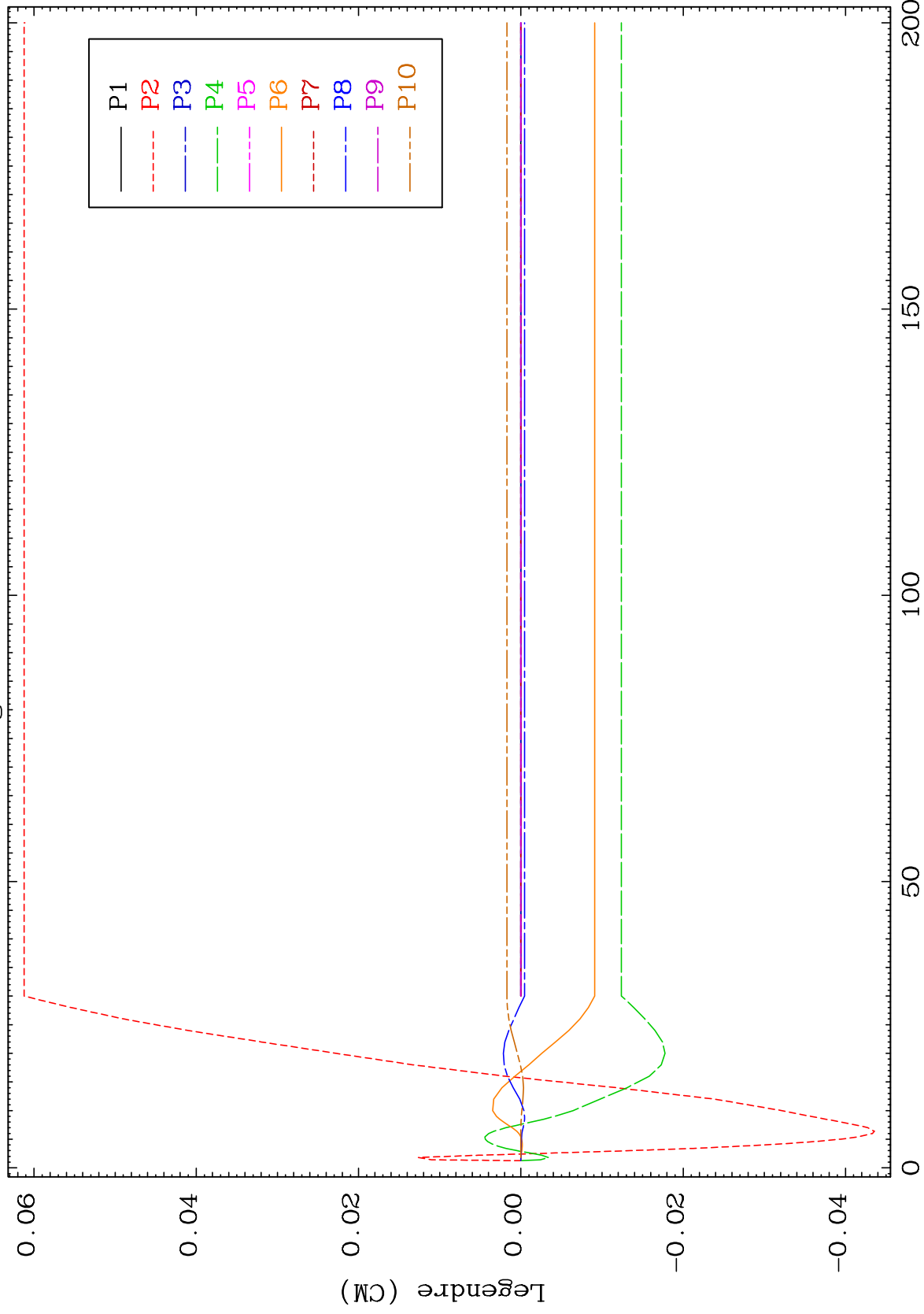
Incident Energy (MeV)

81-T1-201

MAT 81119

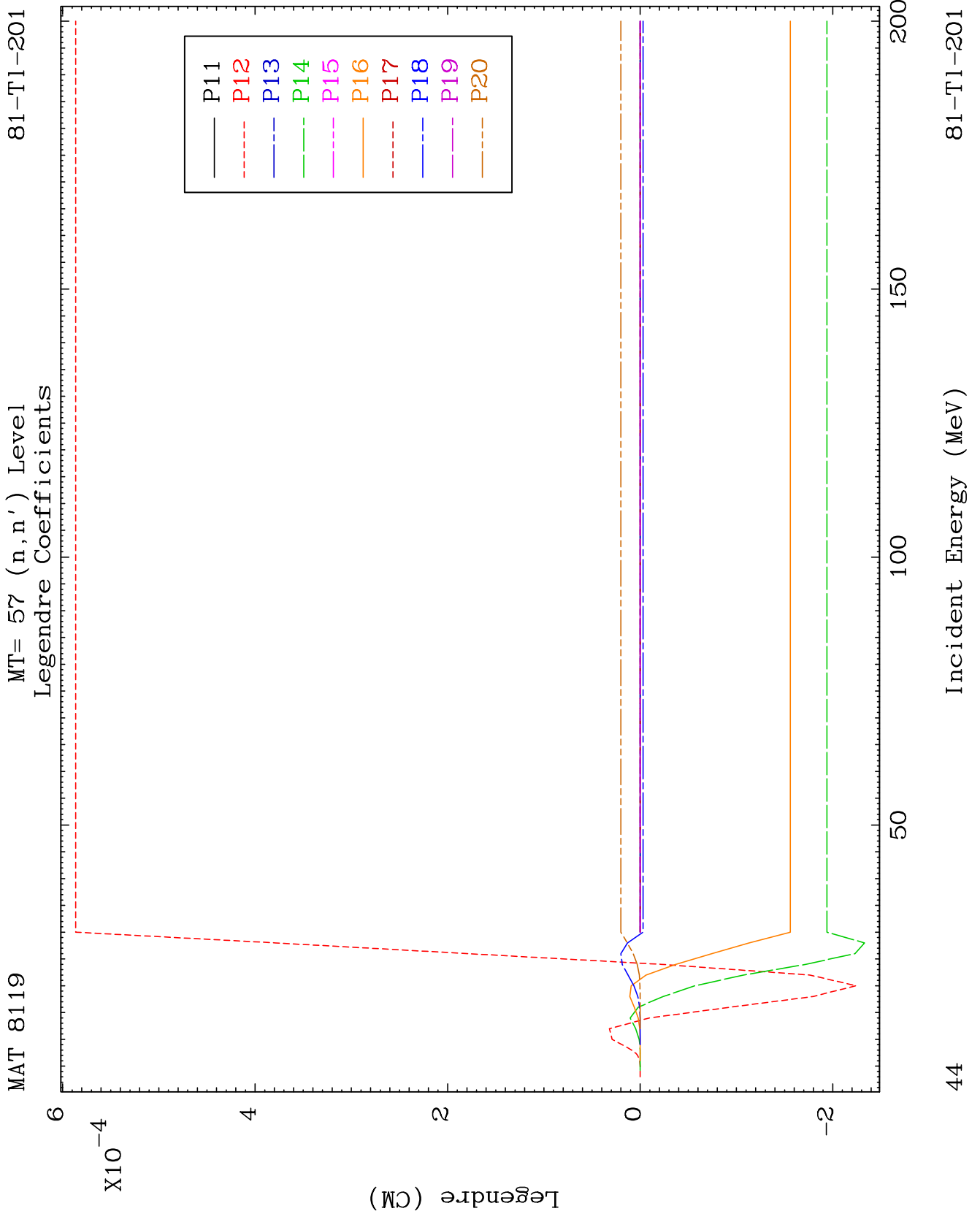
MT= 57 (n,n') Level  
Legendre Coefficients

81-T1-201



43

81-T1-201

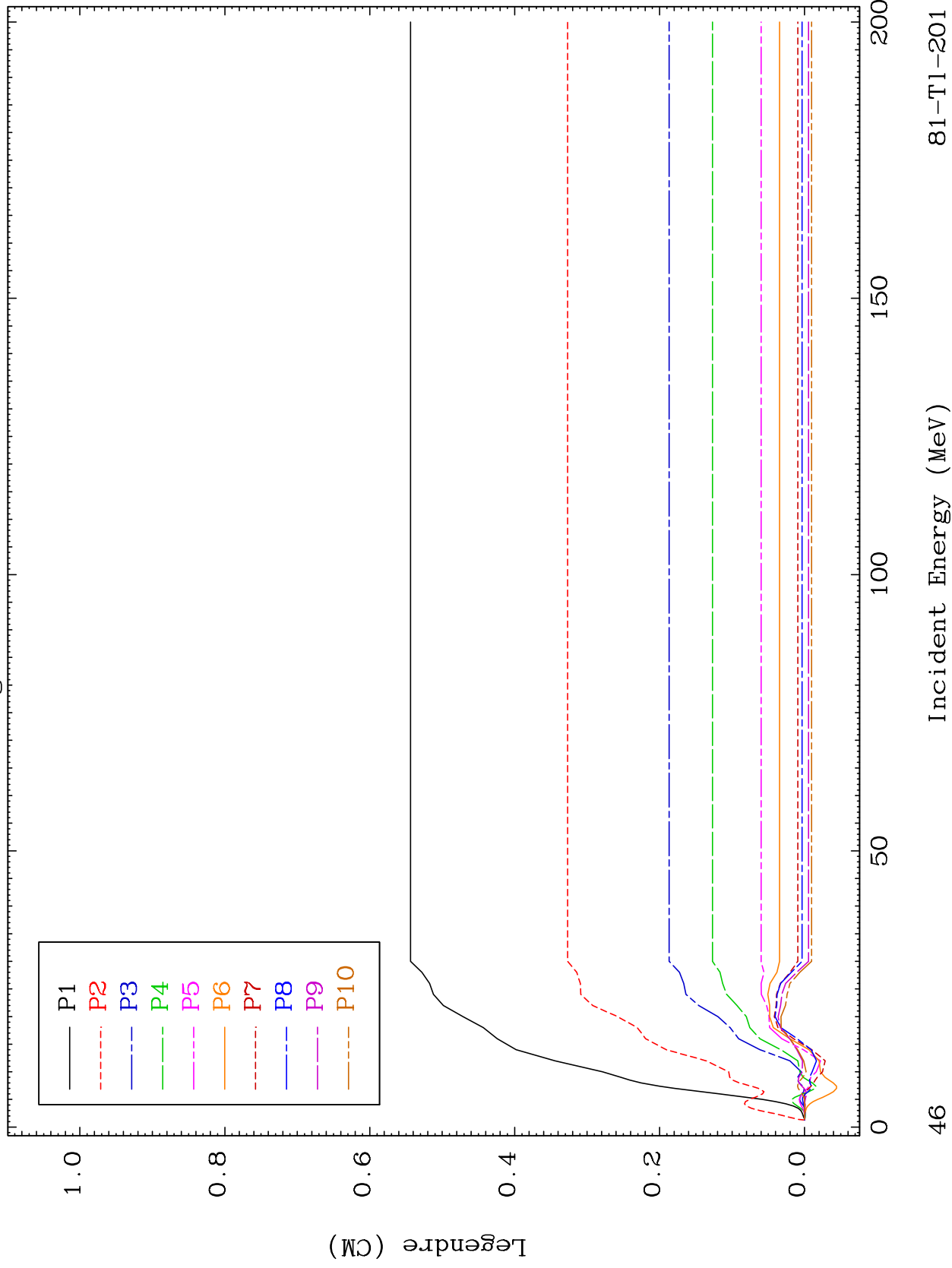




MAT 81119

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

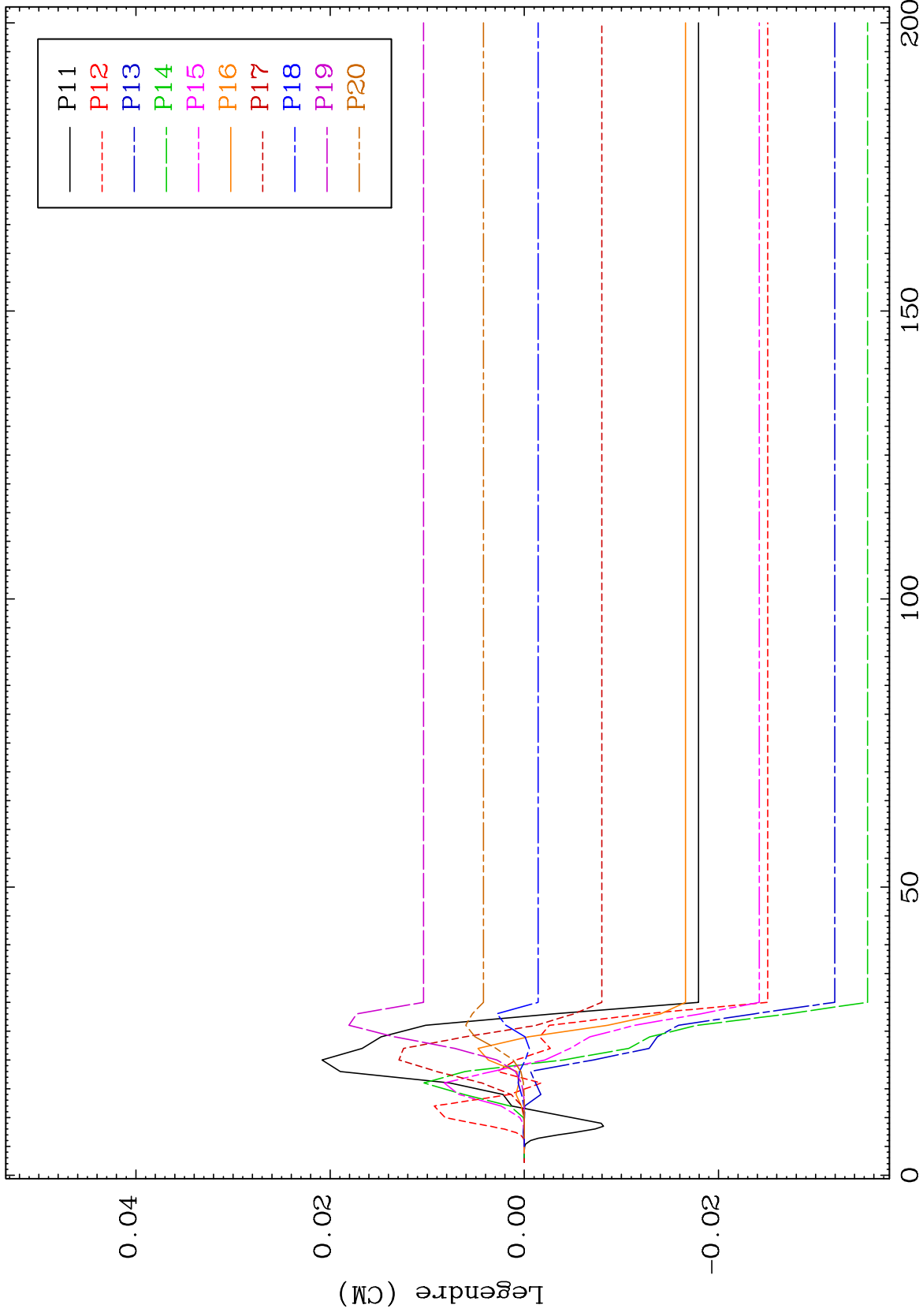
81-T1-201



MAT 81119

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

81-T1-201



47

Incident Energy (MeV)

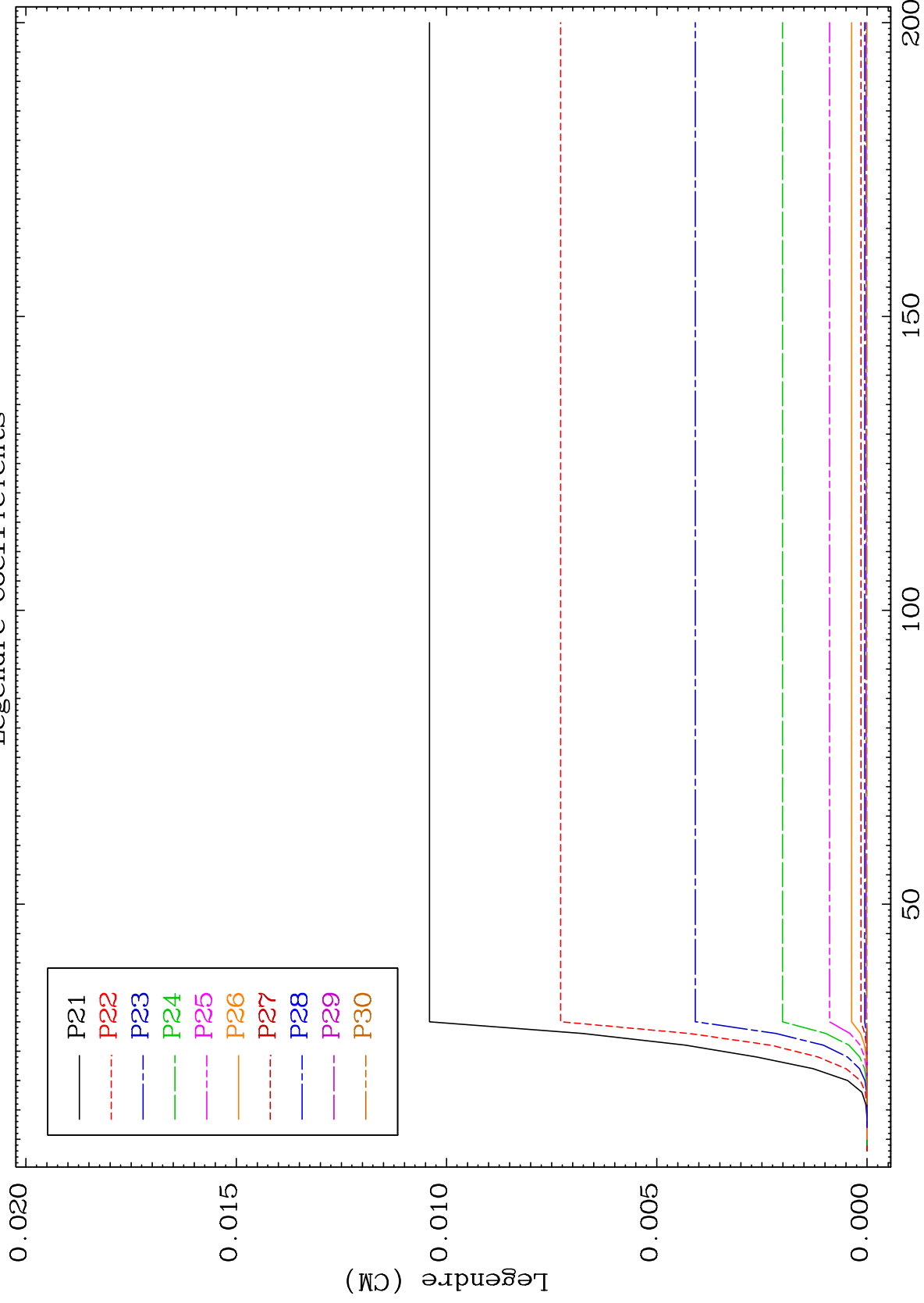
81-T1-201



MAT 8119

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

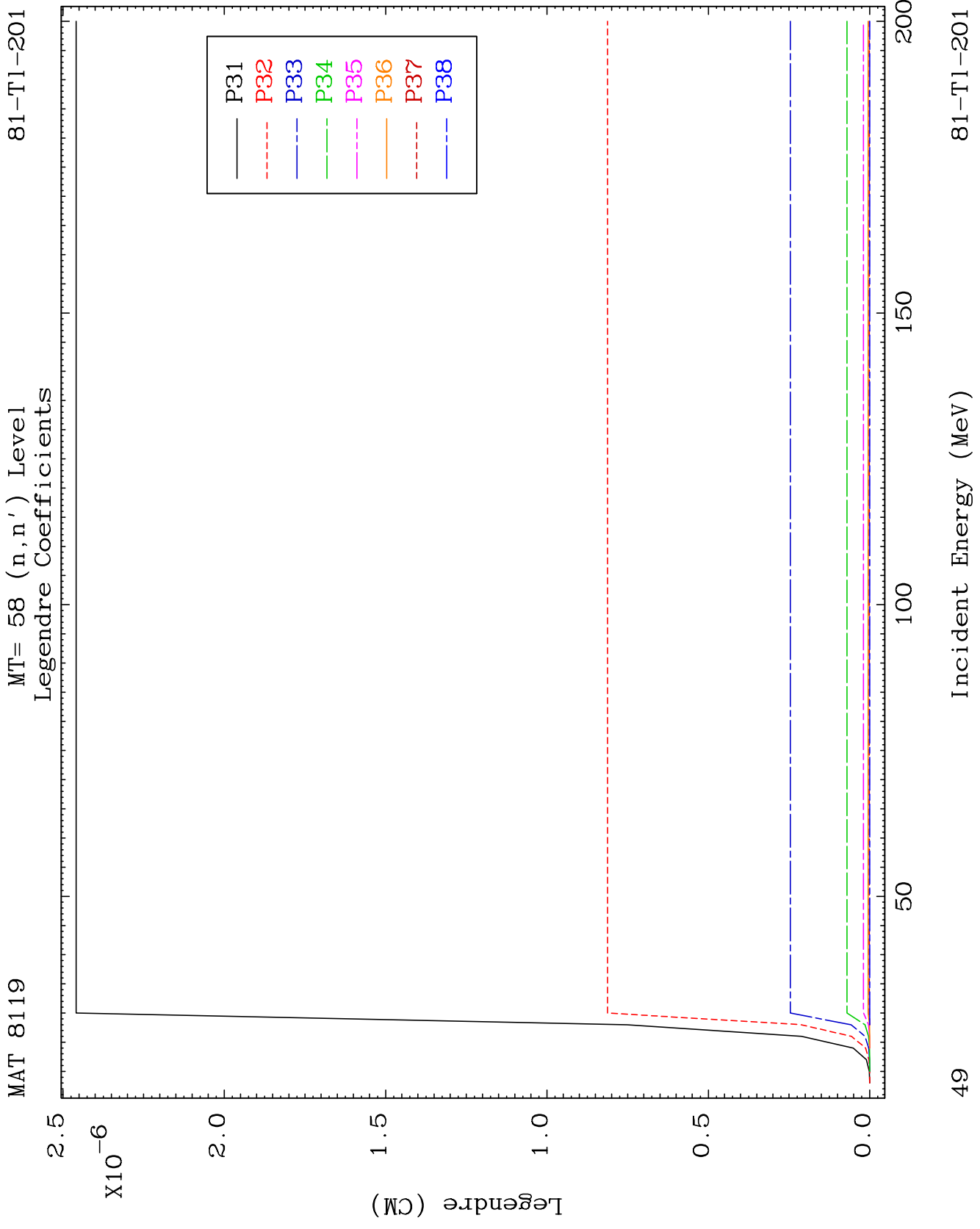
81-Tl-201



48

Incident Energy (MeV)

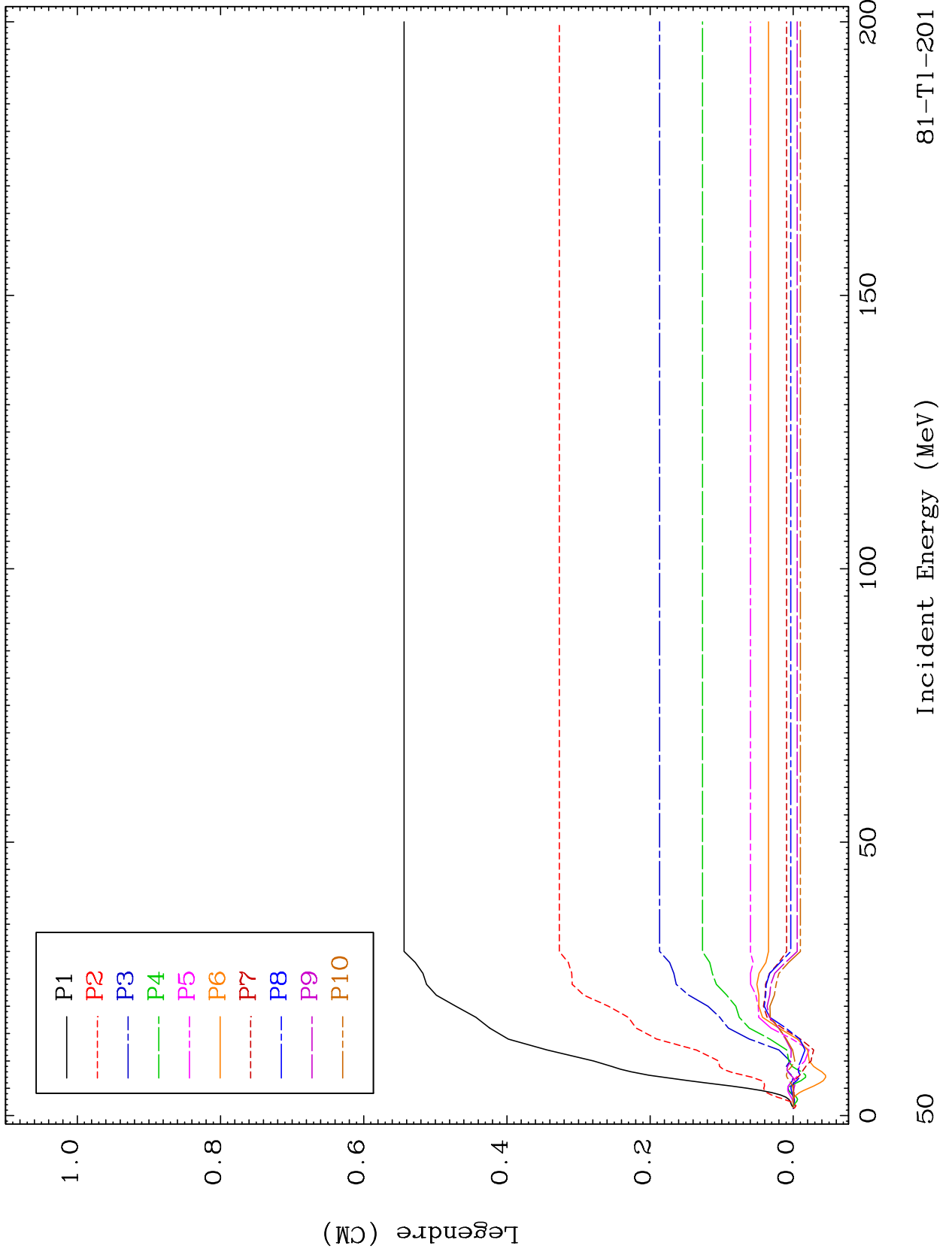
81-Tl-201



MAT 81119

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

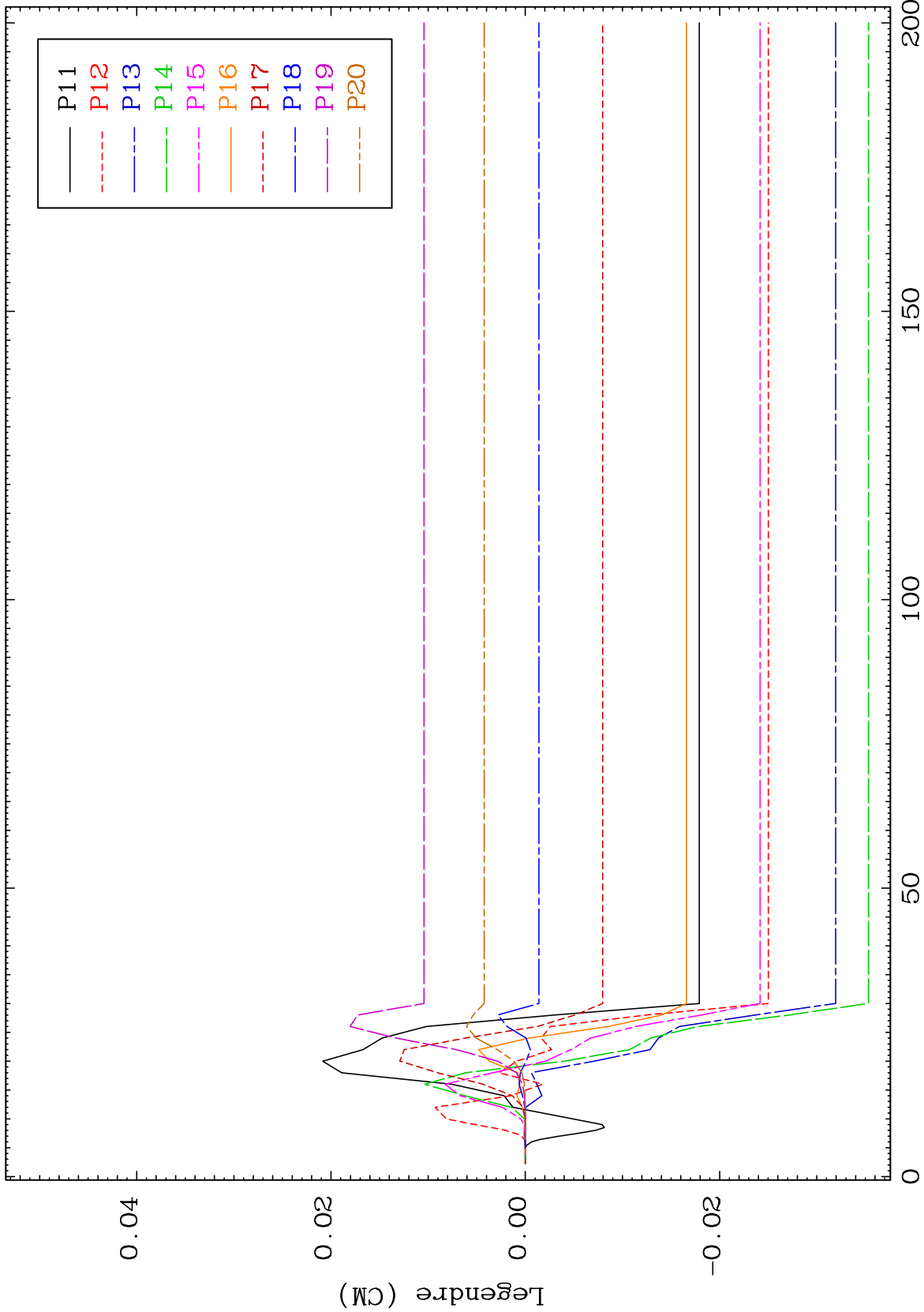
81-T1-201



MAT 81119

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

81-T1-201



51

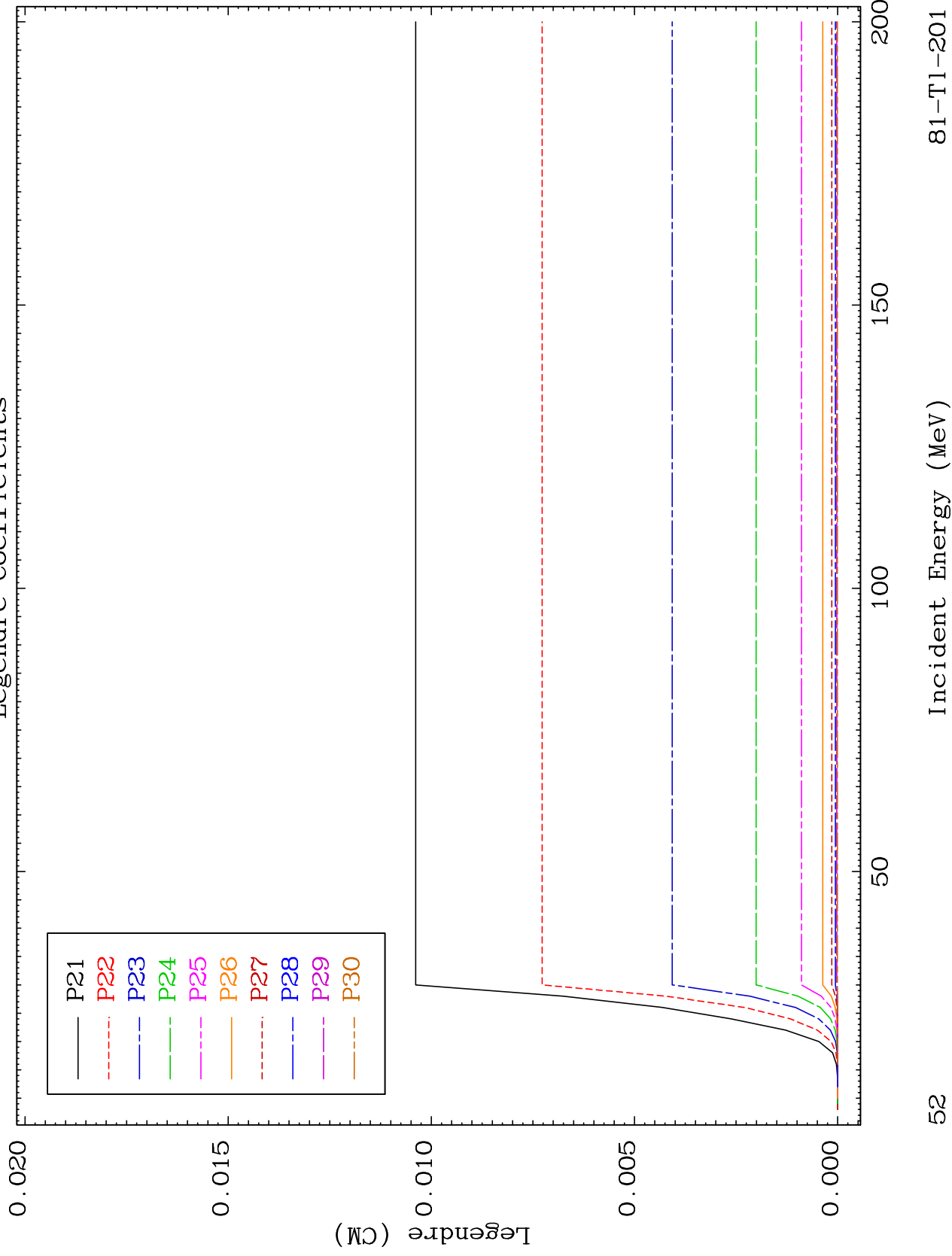
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-Tl-201



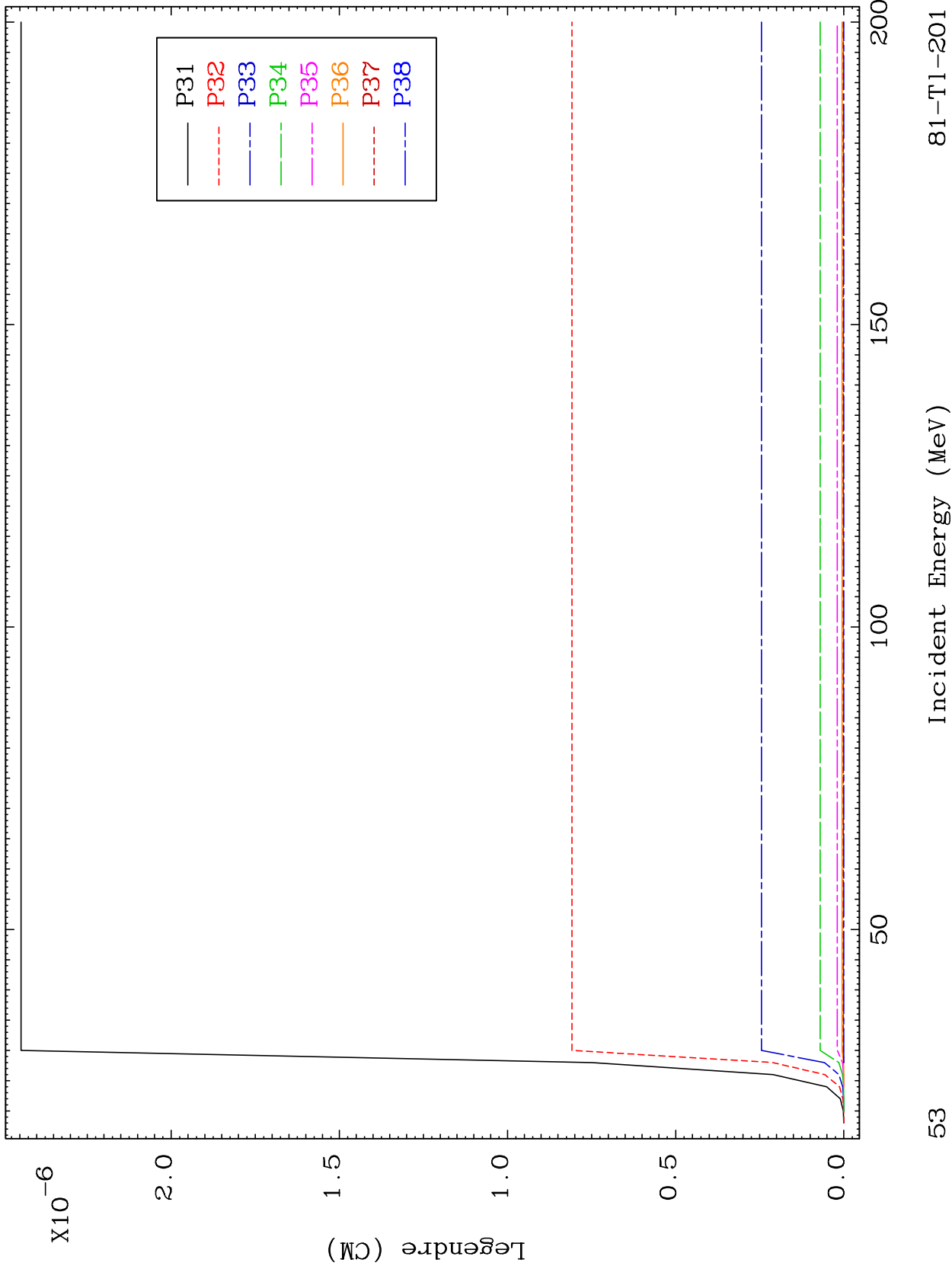
52

81-Tl-201

MAT 81119

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

81-T1-201



53

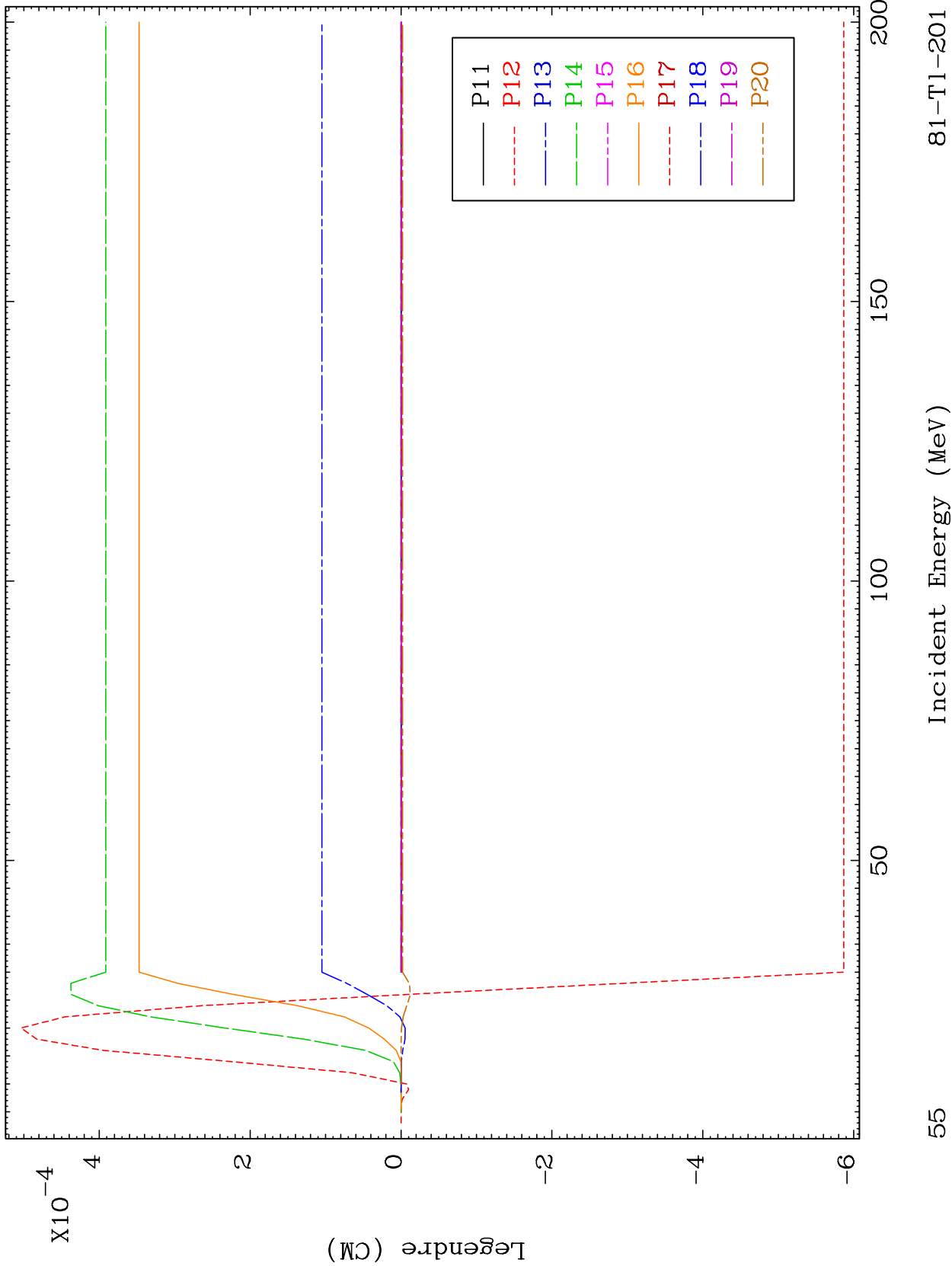
81-T1-201



MAT 8119

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

81-T1-201

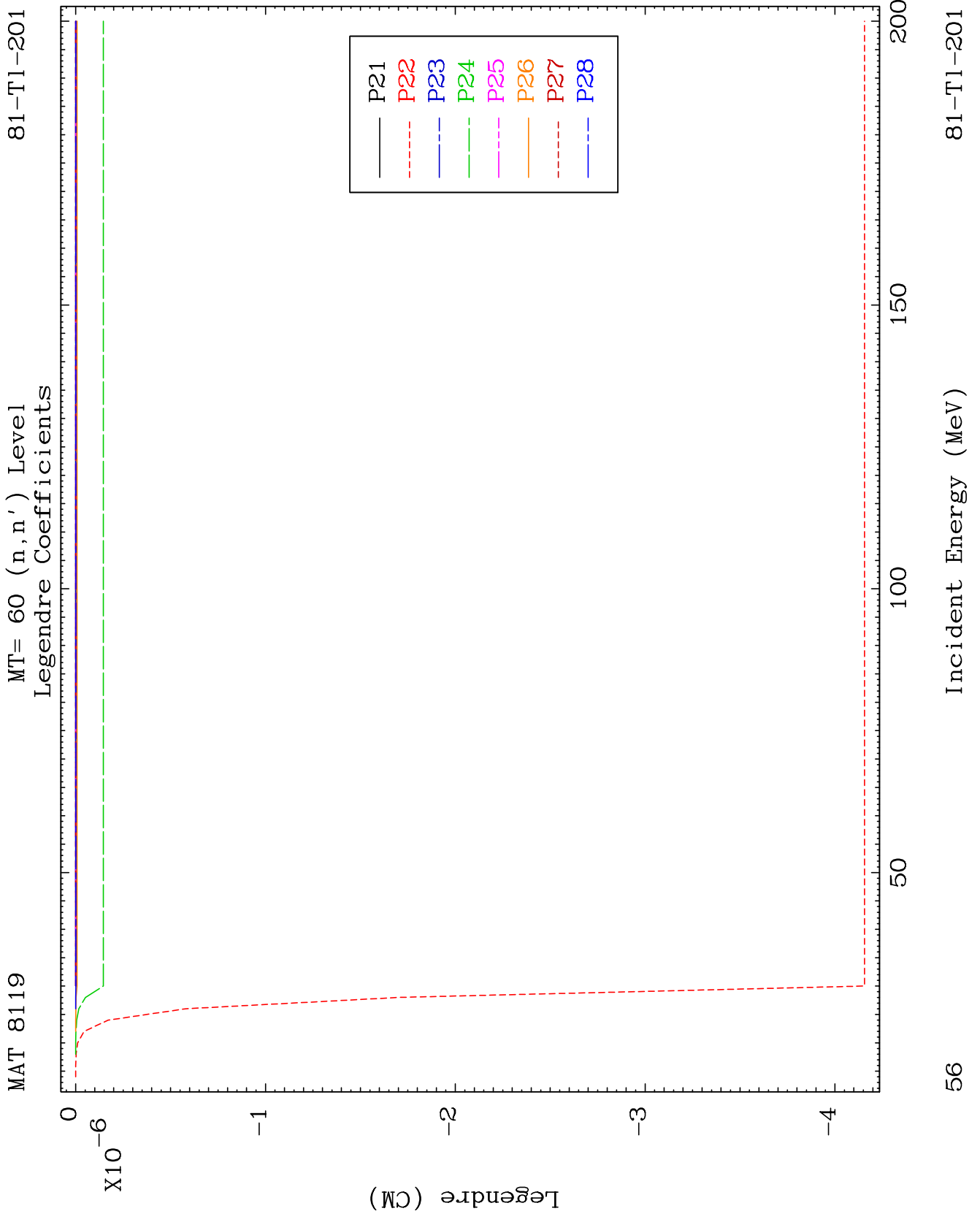


55

Incident Energy (MeV)

81-T1-201



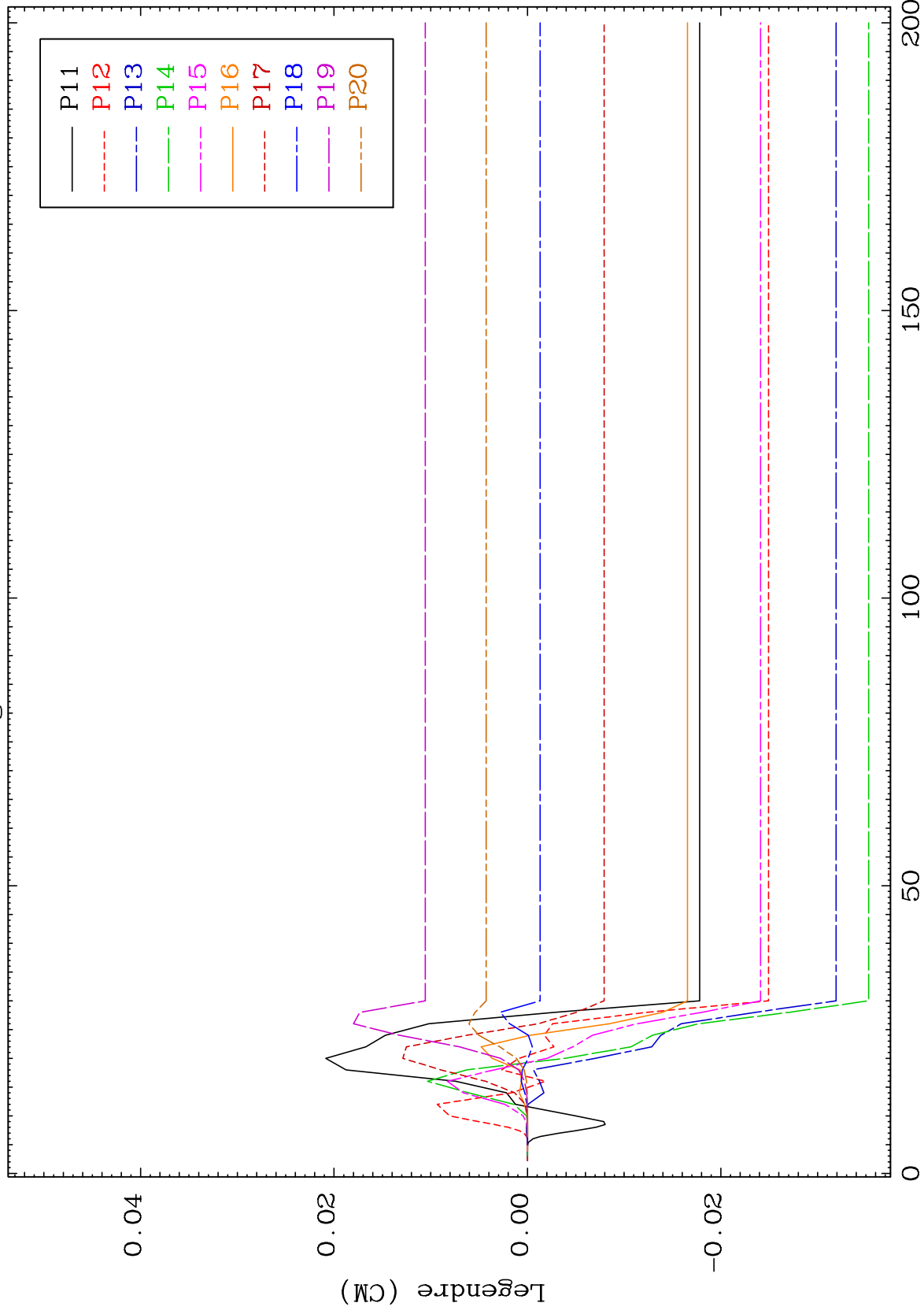




MAT 81119

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

81-Tl-201



58

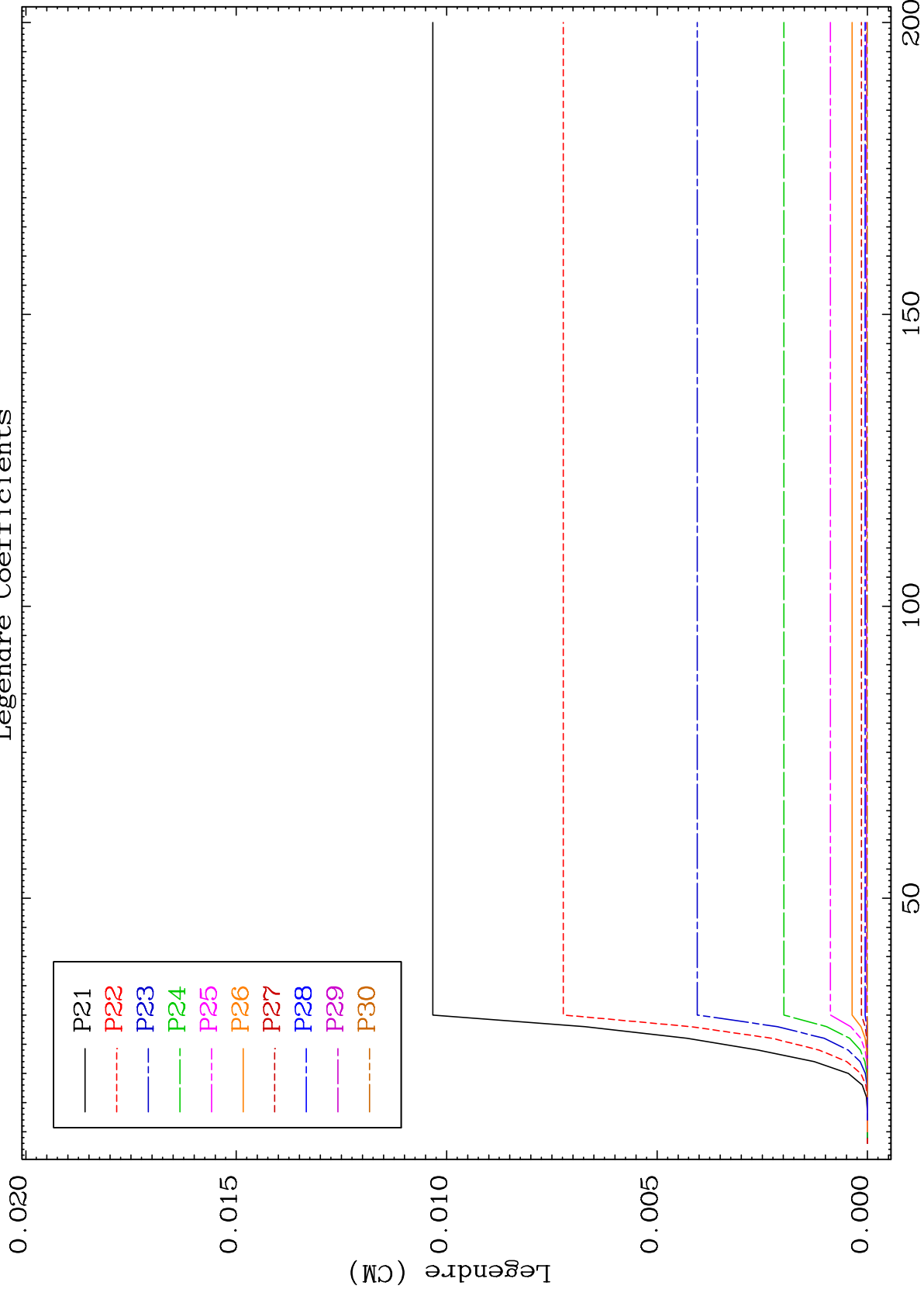
Incident Energy (MeV)

81-Tl-201

MAT 8119

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

81-Tl-201



59

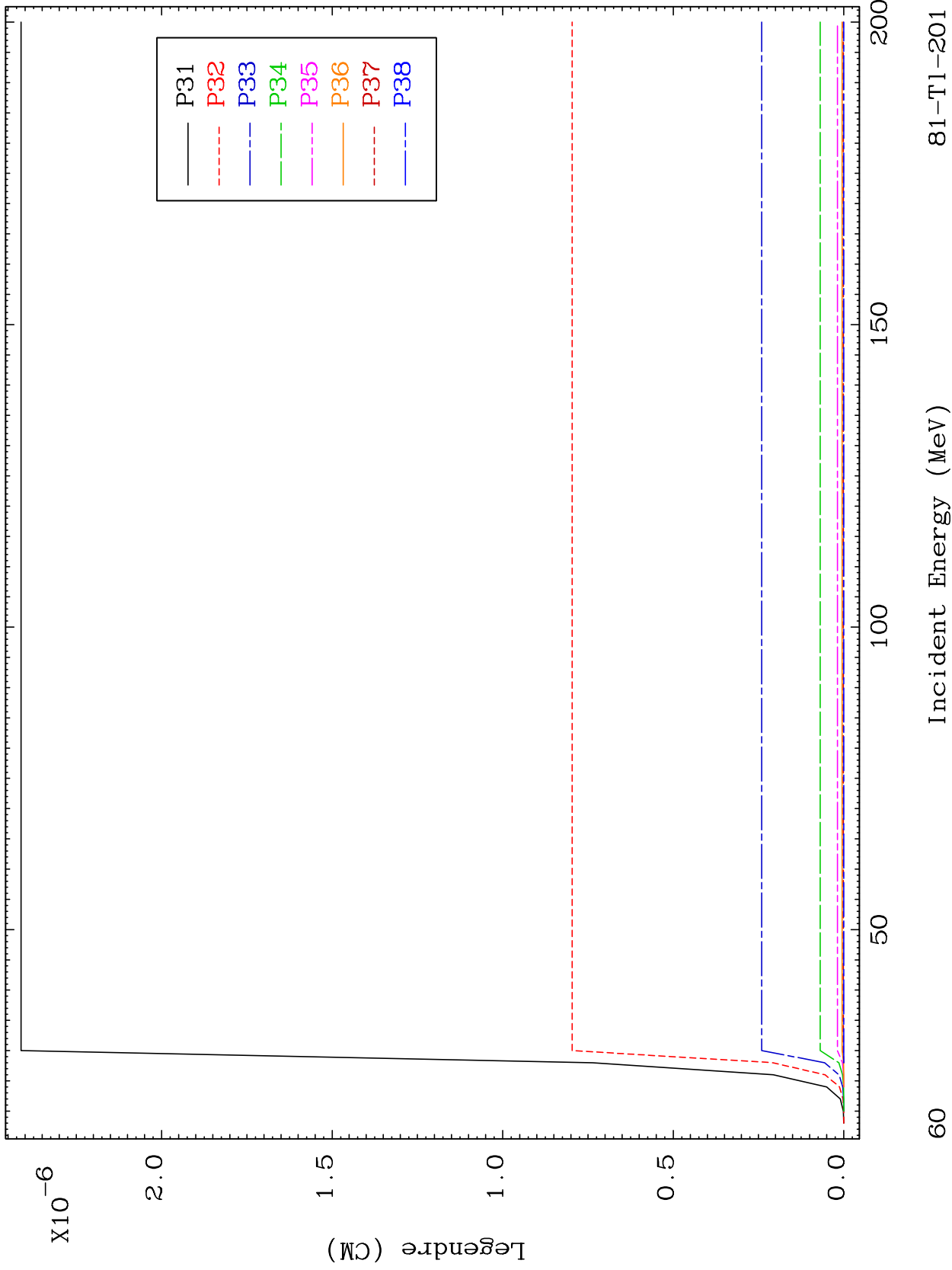
Incident Energy (MeV)

81-Tl-201

MAT 81119

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

81-T1-201



81-T1-201

Incident Energy (MeV)

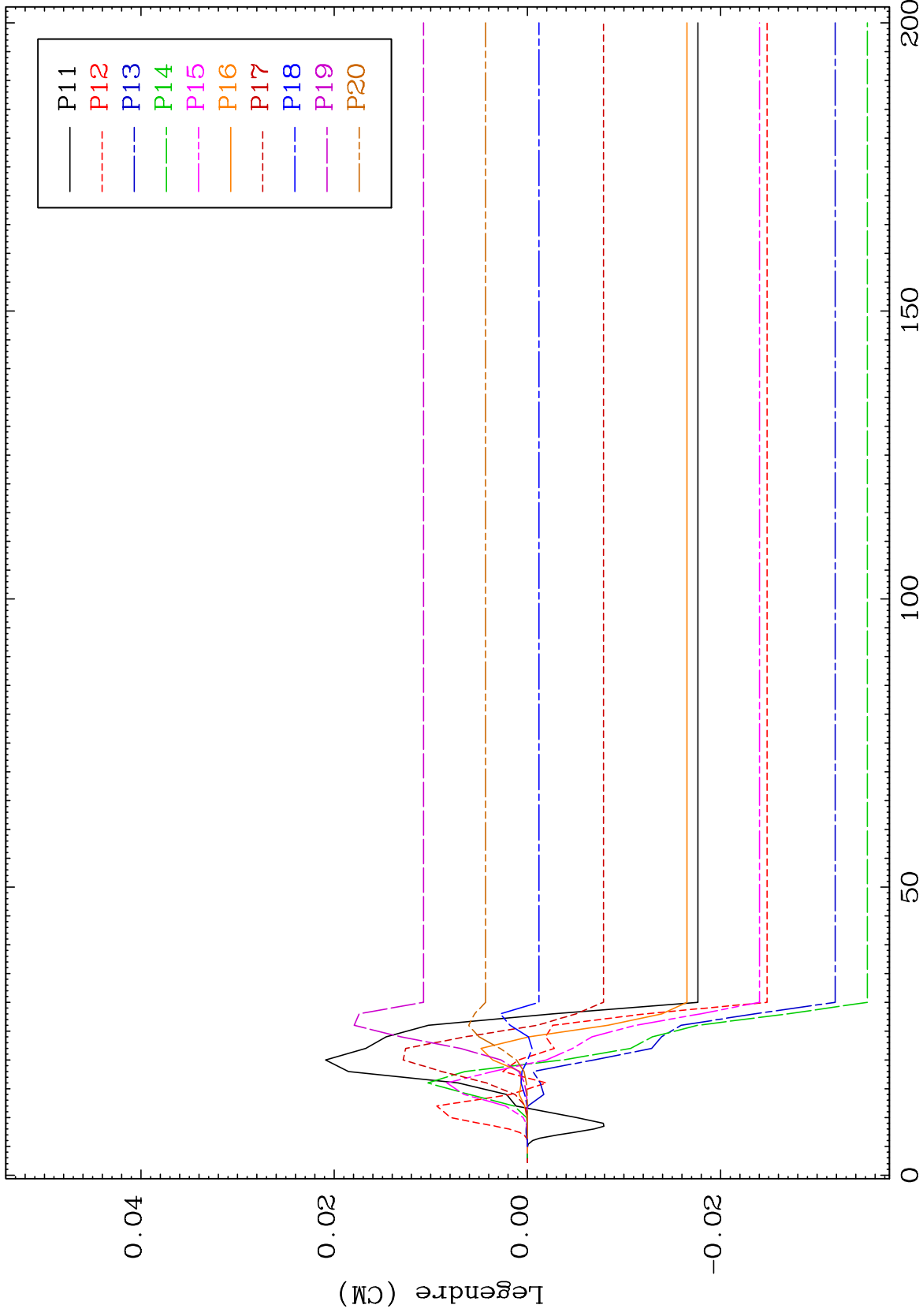
60



MAT 81119

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

81-Tl-201



62

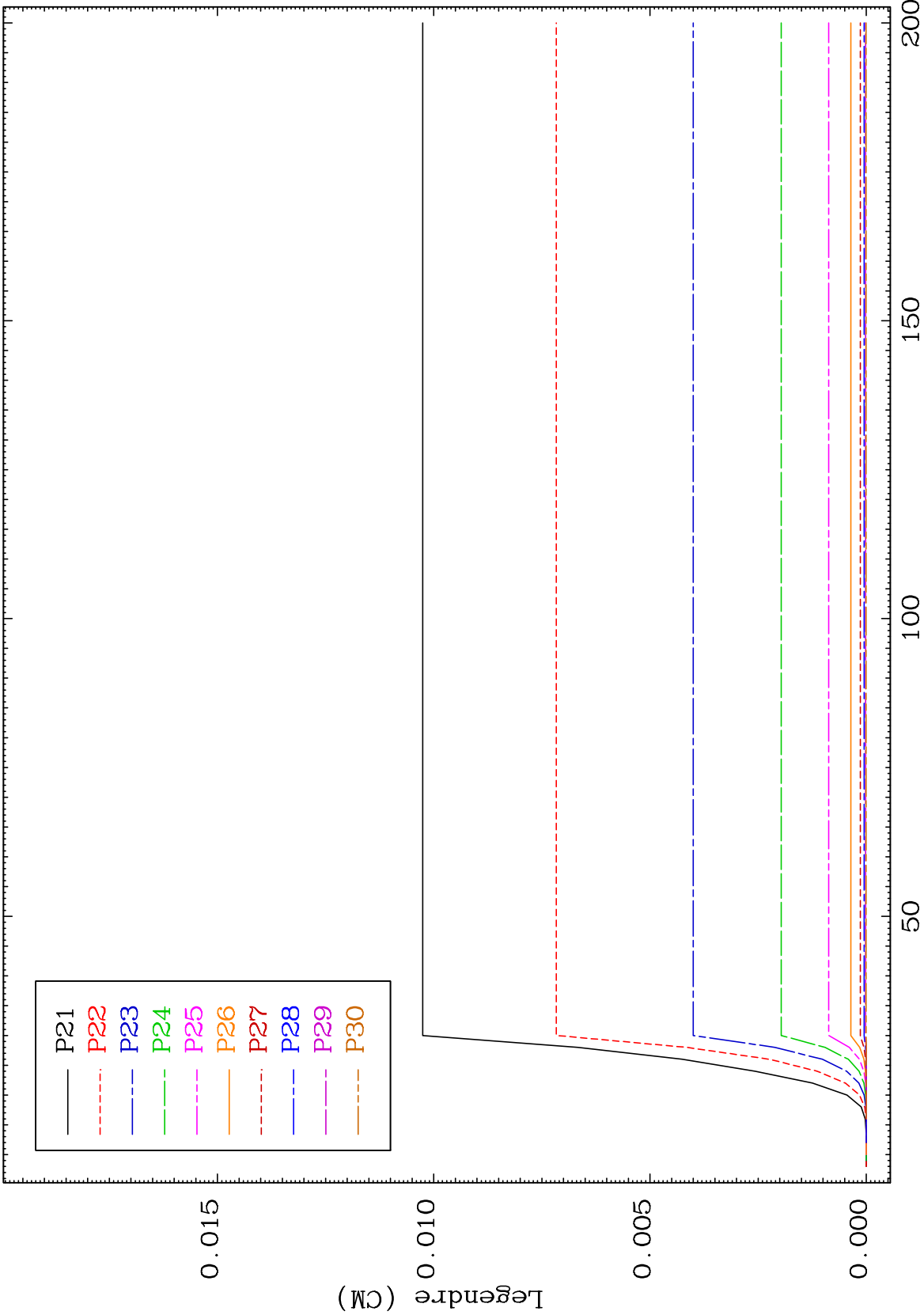
Incident Energy (MeV)

81-Tl-201

MAT 8119

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

81-Tl-201



63

Incident Energy (MeV)

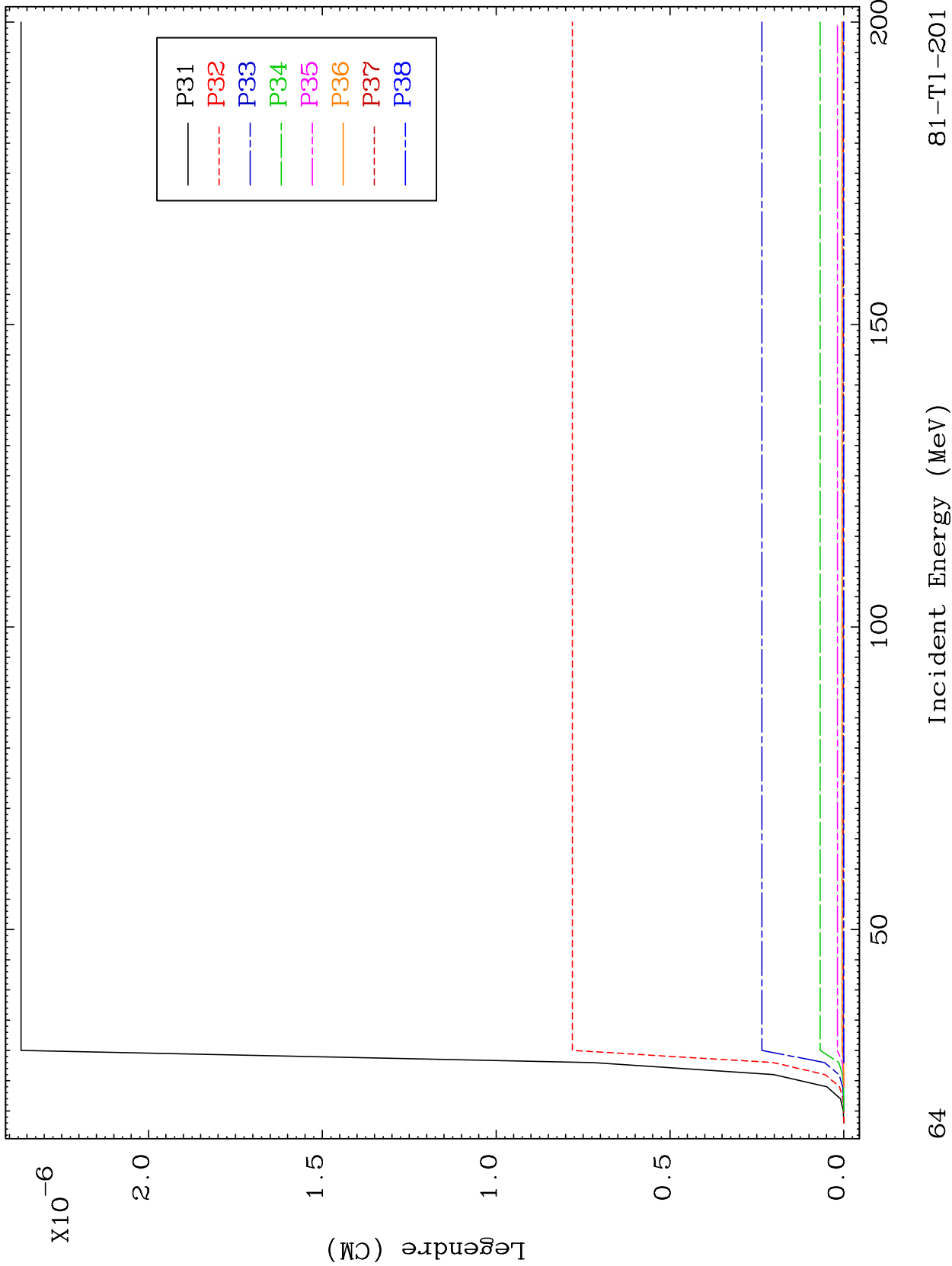
81-Tl-201



MAT 81119

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

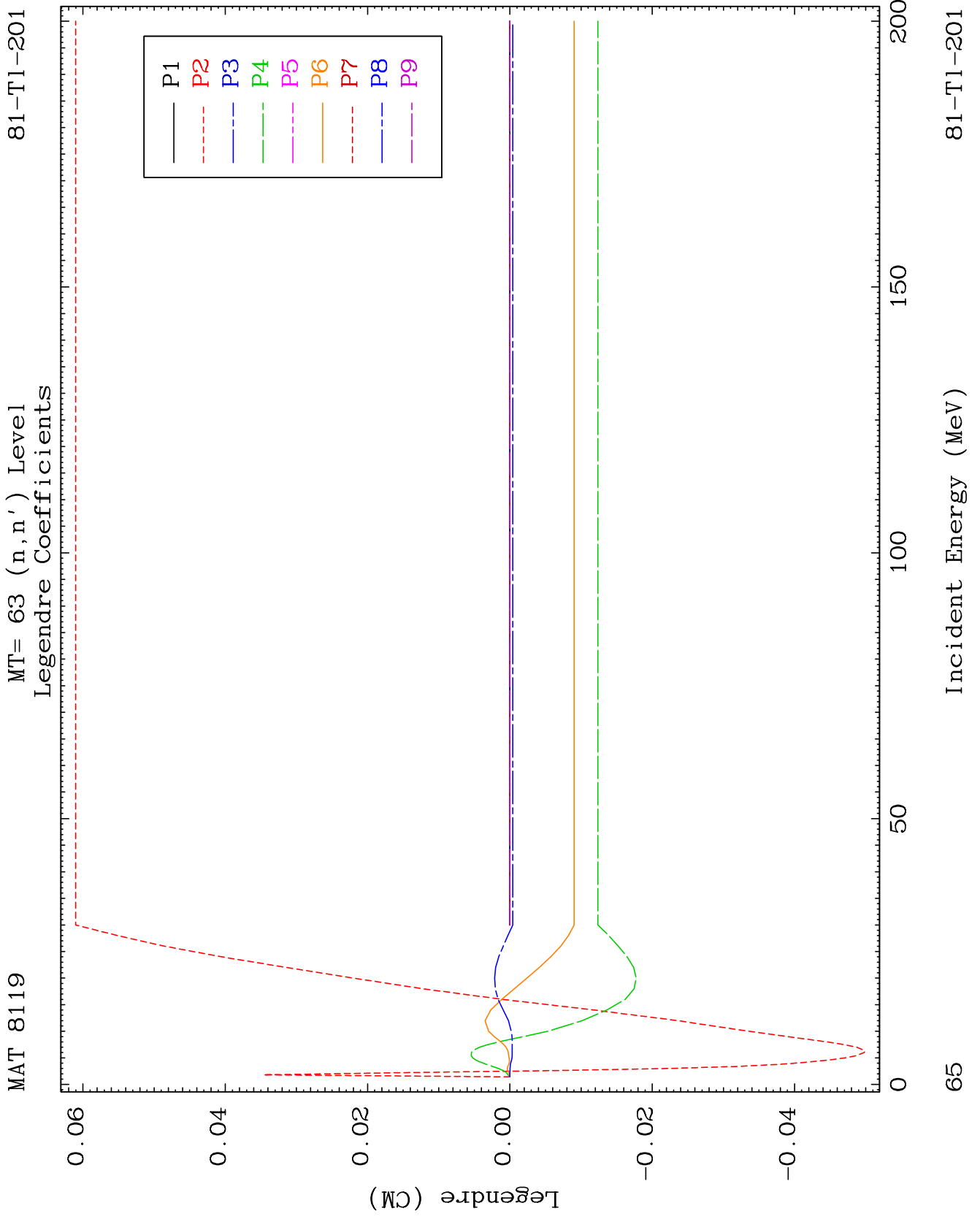
81-Tl-201



64

Incident Energy (MeV)

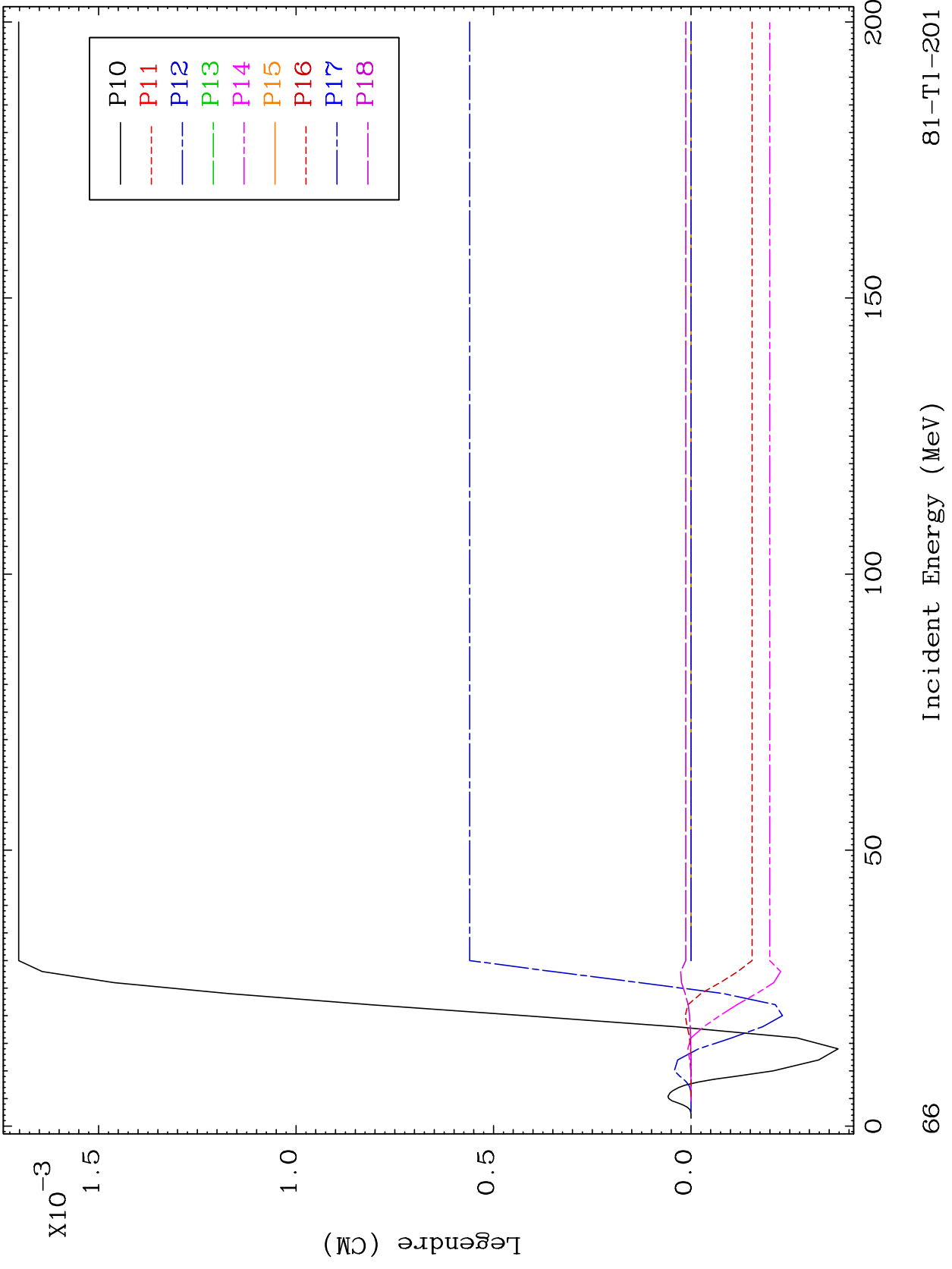
81-Tl-201



MAT 81119

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

81-Tl-201



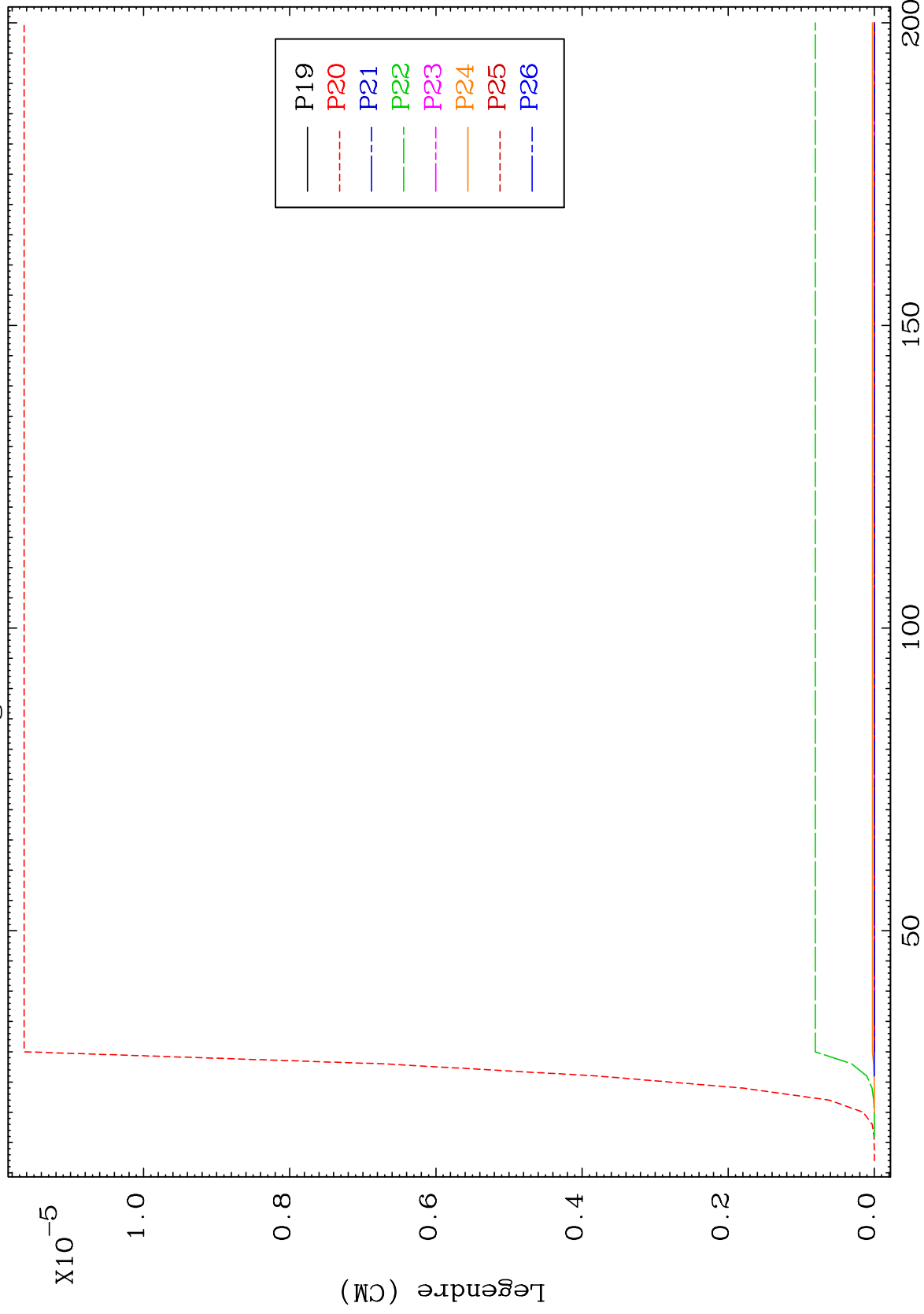
66

81-Tl-201

MAT 81119

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

81-Tl-201



67

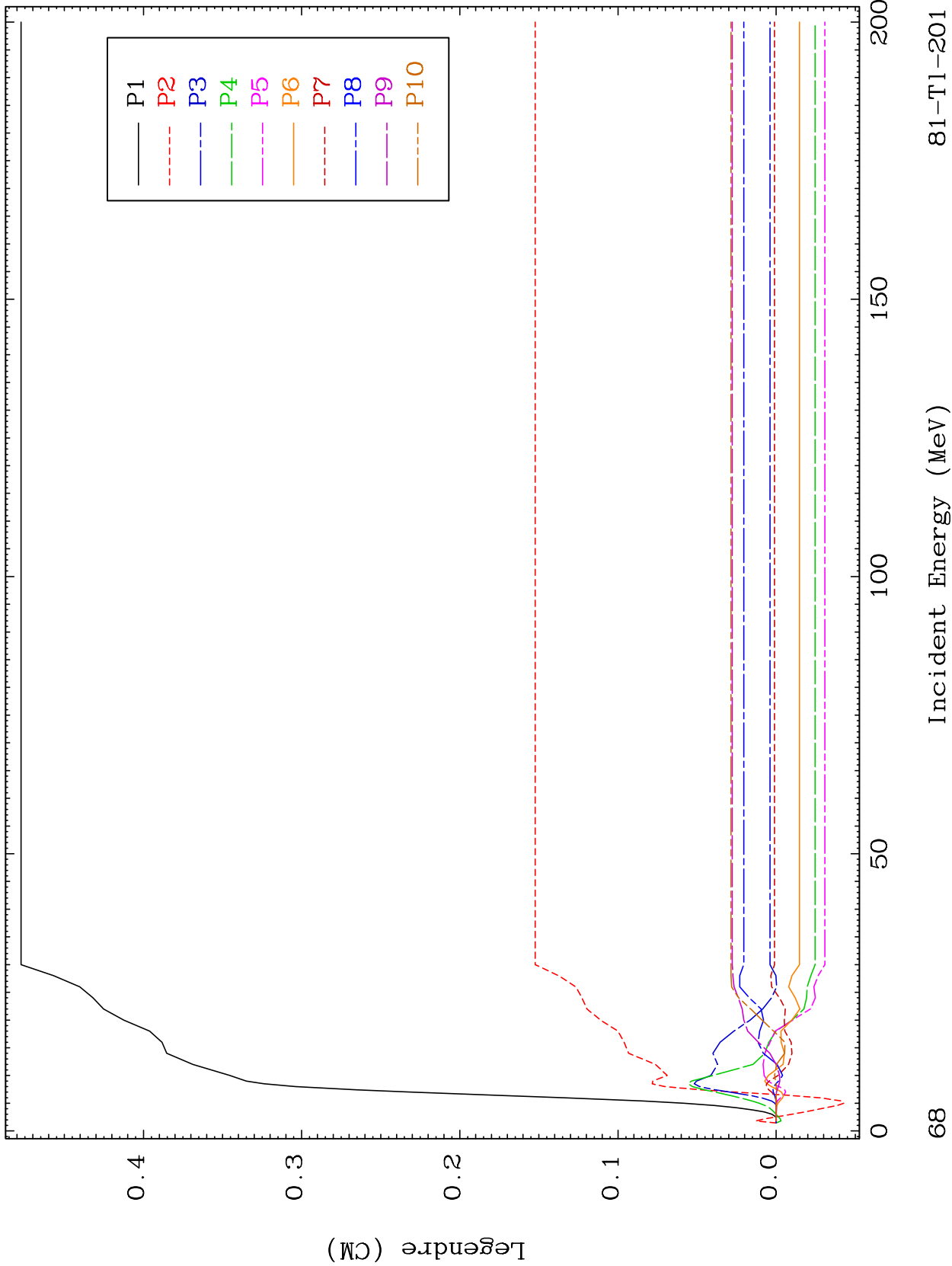
Incident Energy (MeV)

81-Tl-201

MAT 81119

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

81-T1-201



81-T1-201

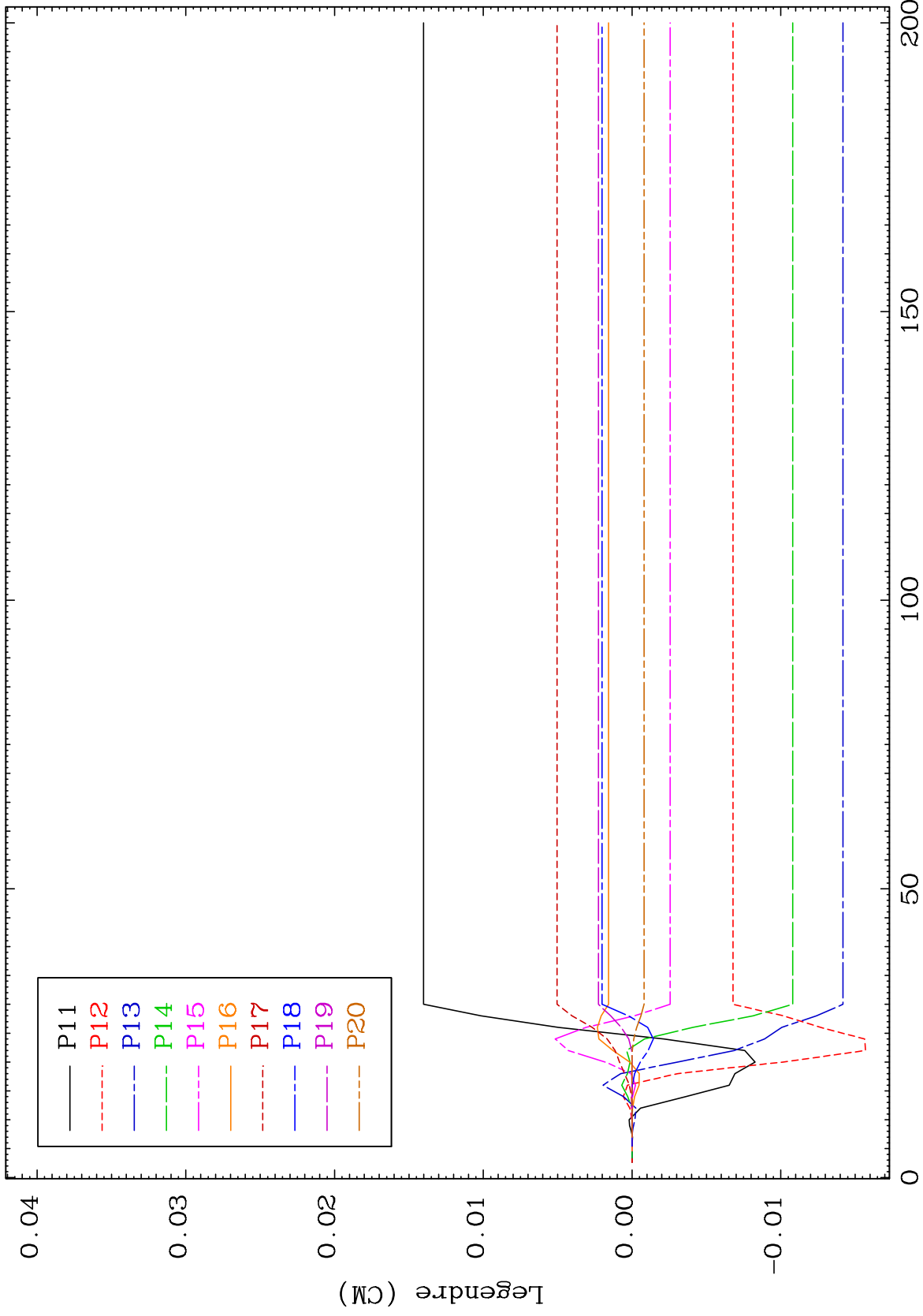
Incident Energy (MeV)

68

MAT 8119

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

81-T1-201



69

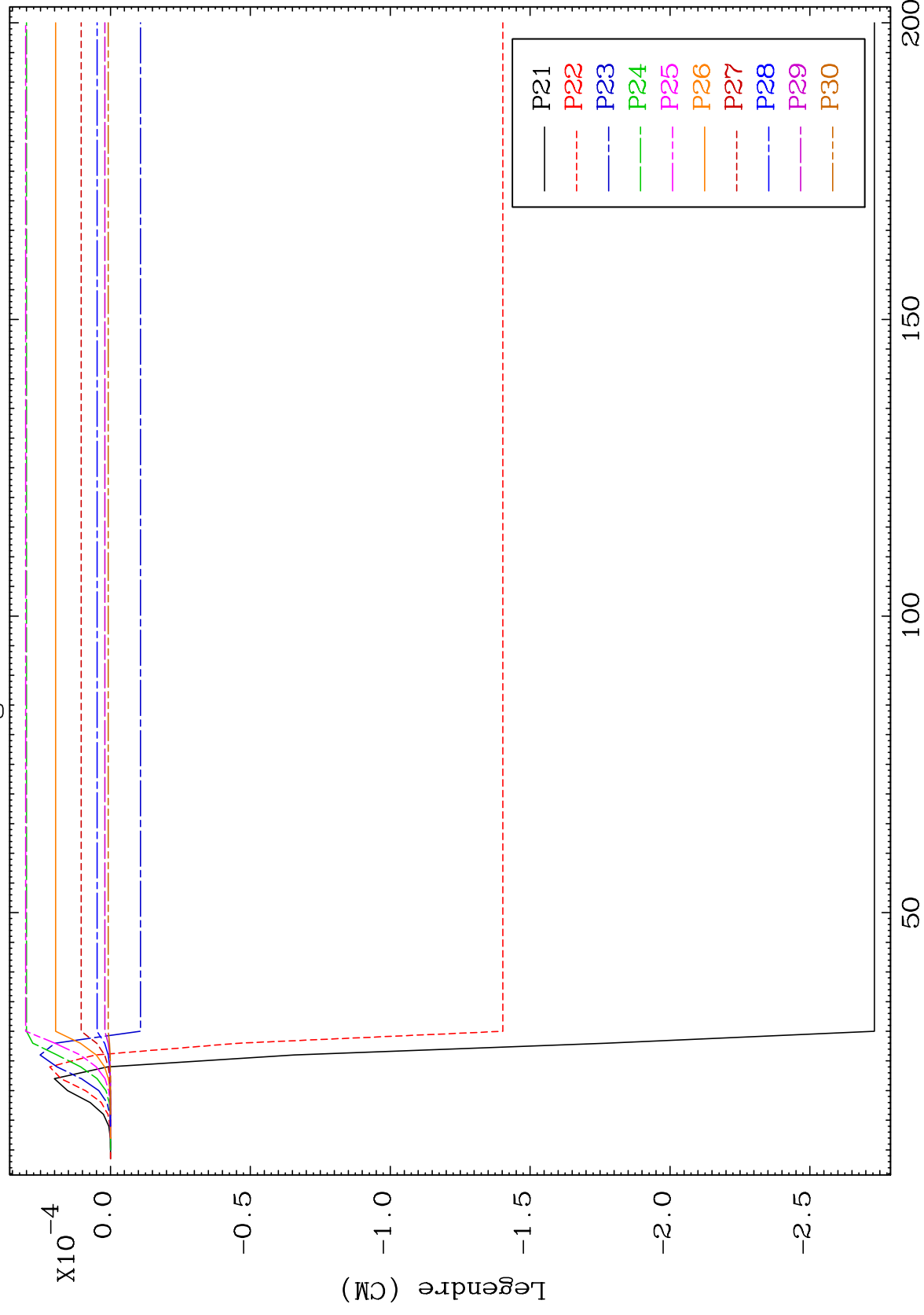
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-Tl-201



70

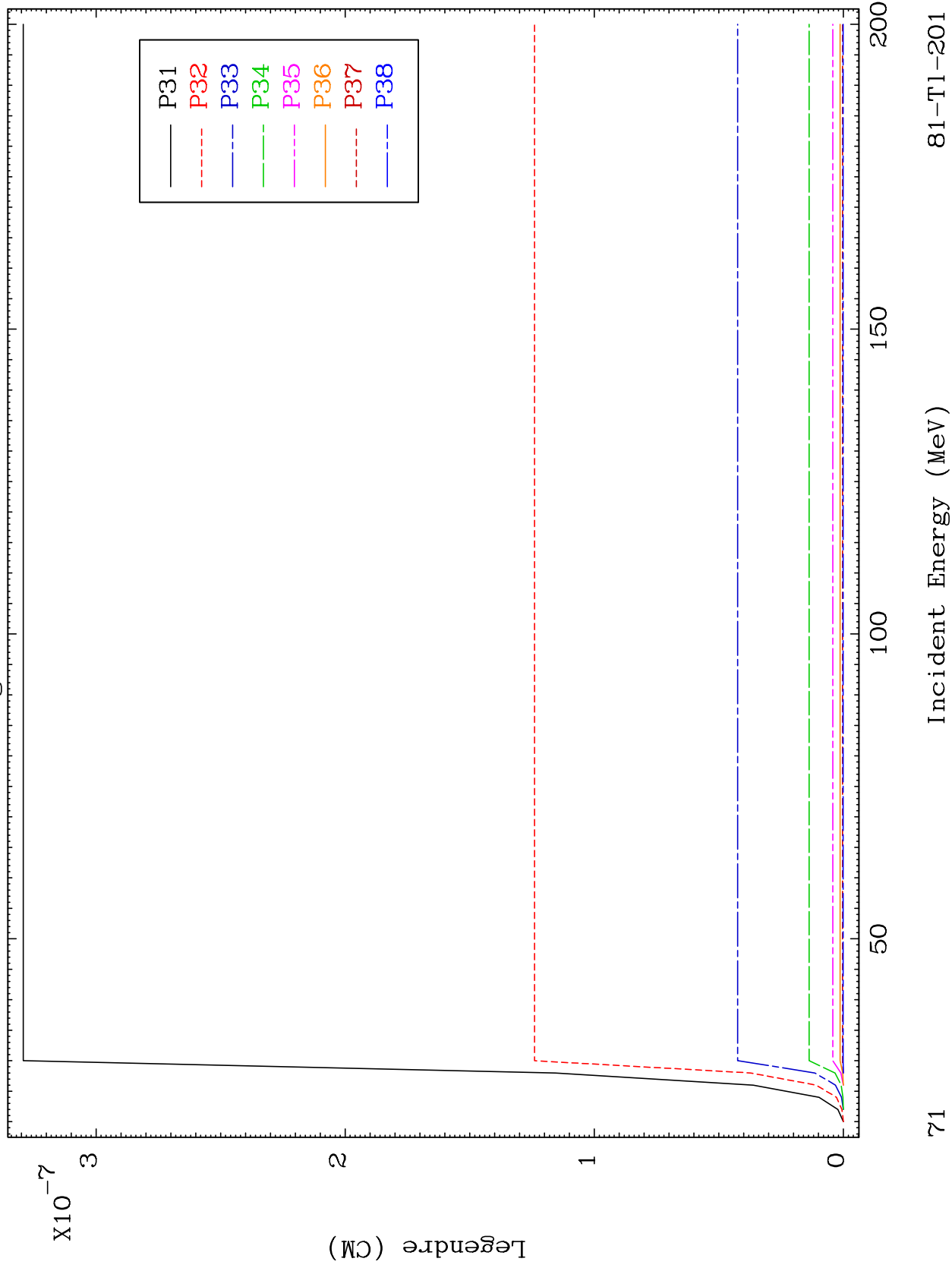
Incident Energy (MeV)

81-Tl-201

MAT 81119

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

81-T1-201

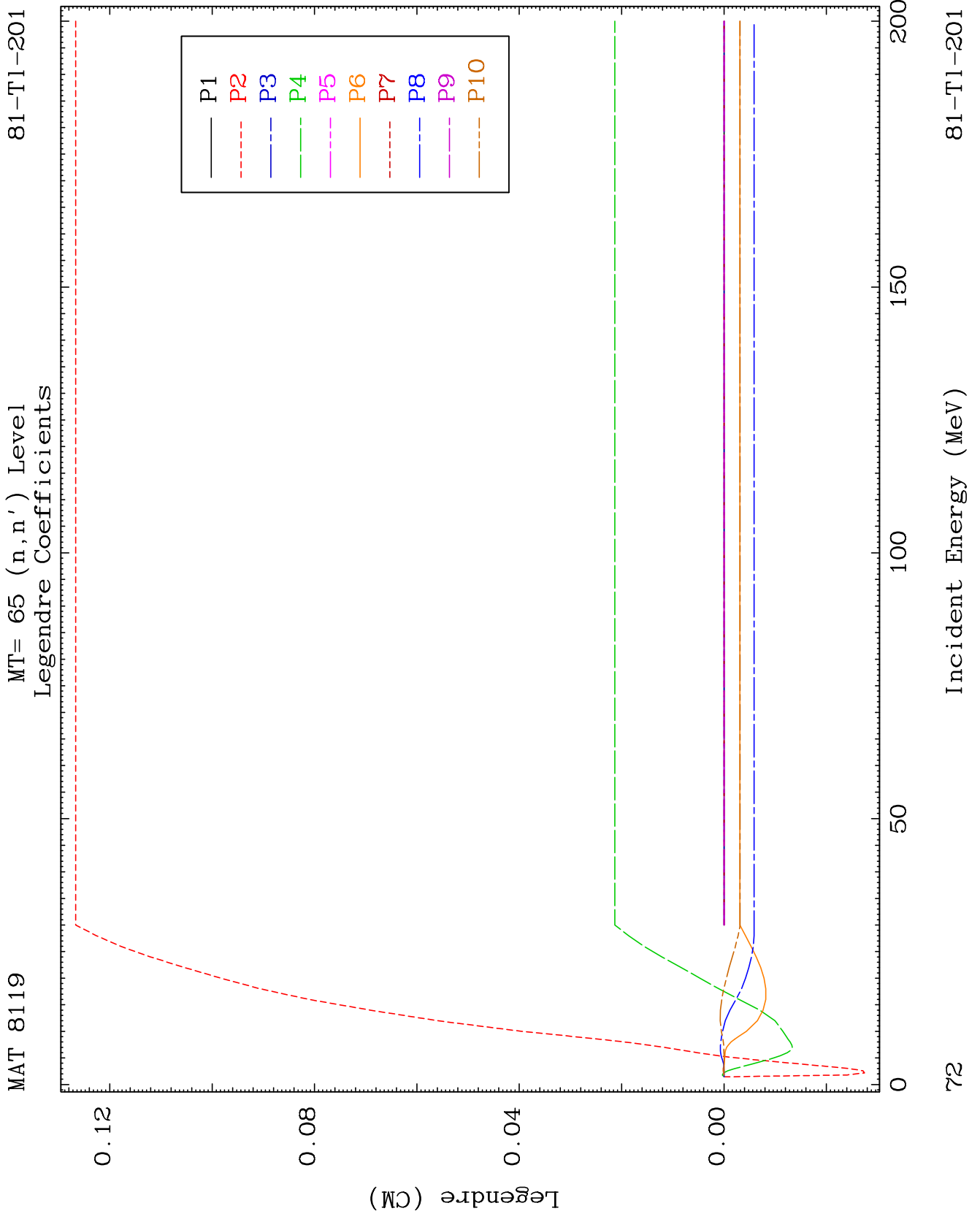


71

Incident Energy (MeV)

81-T1-201

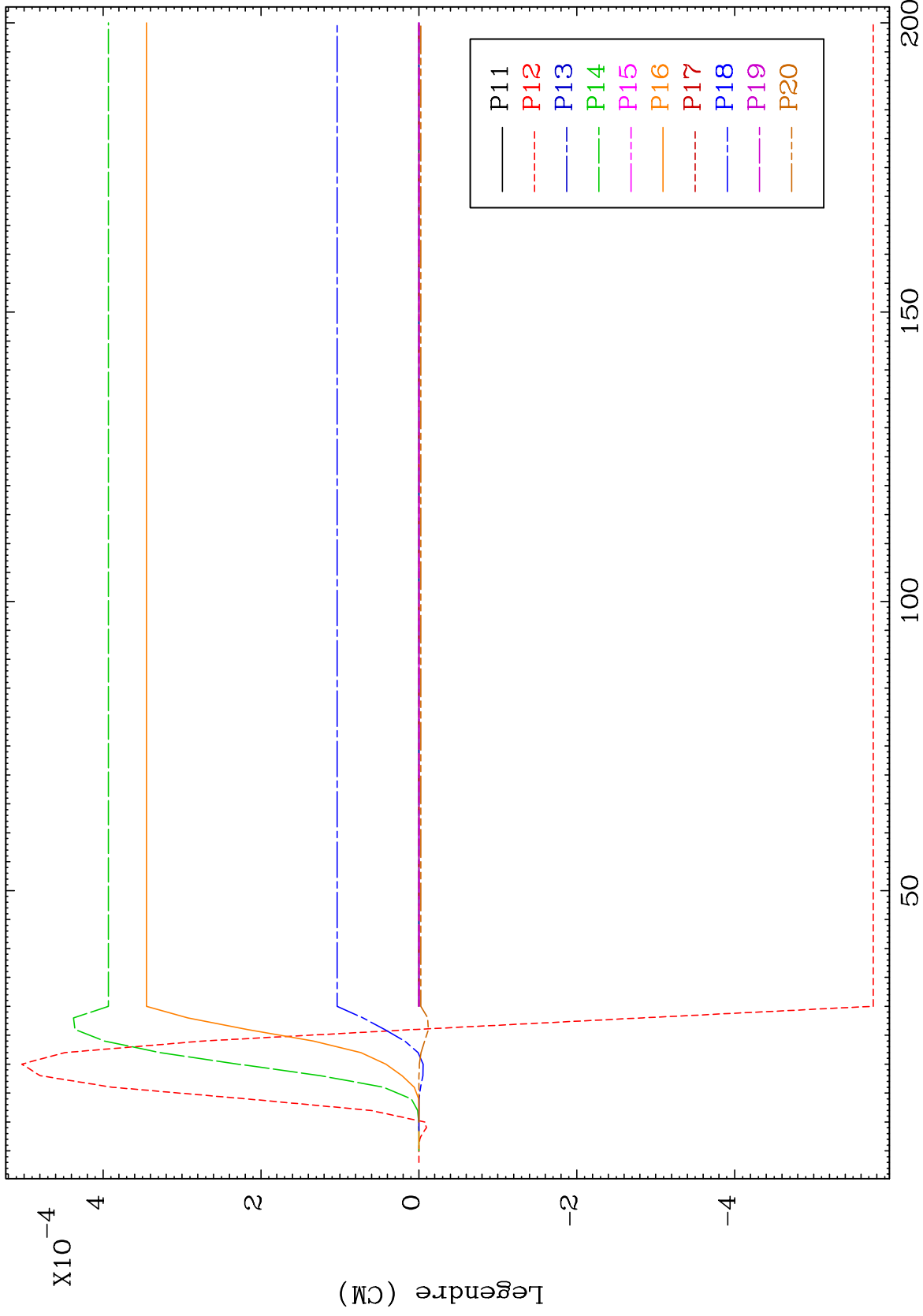




MAT 81119

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

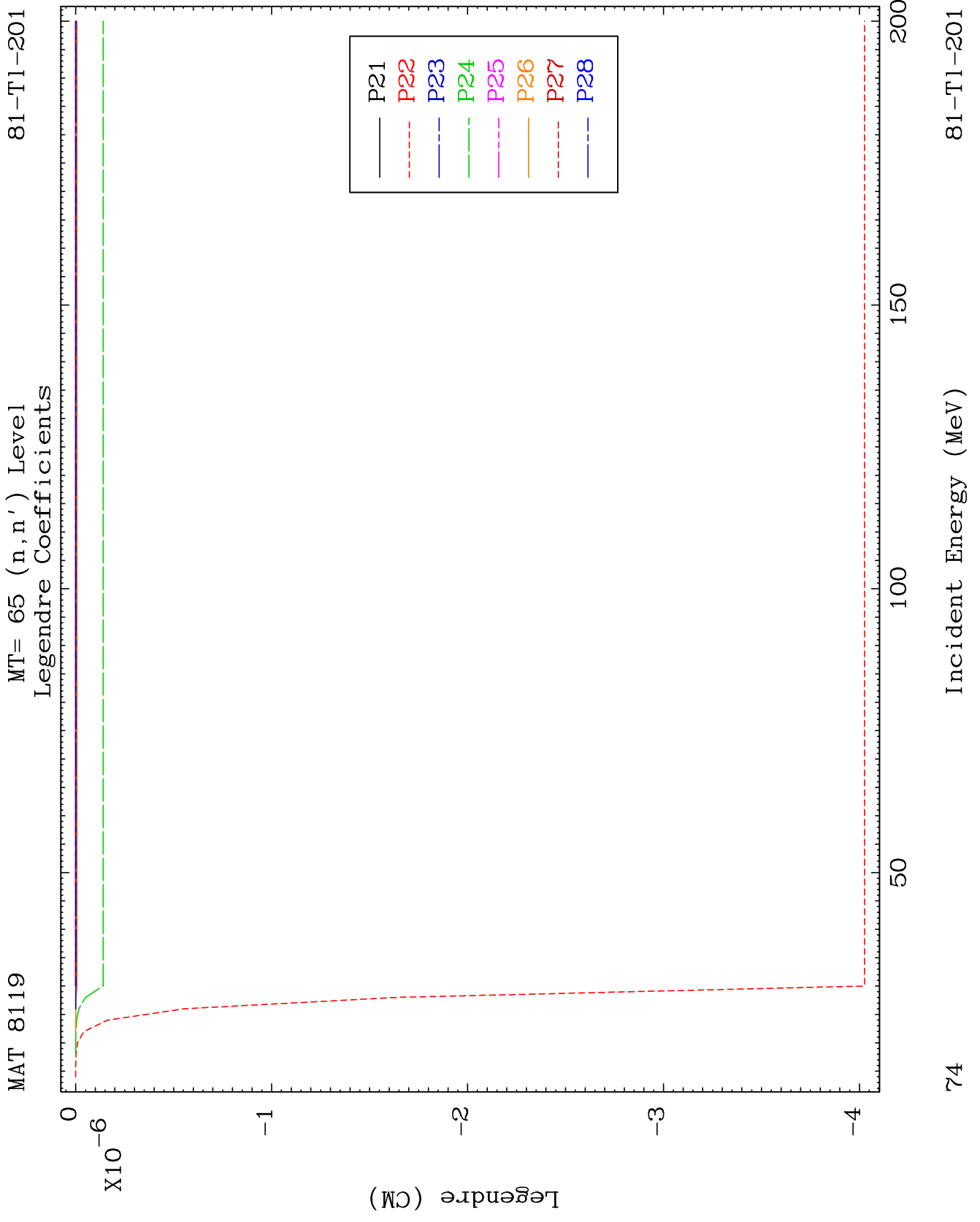
81-T1-201



73

Incident Energy (MeV)

81-T1-201

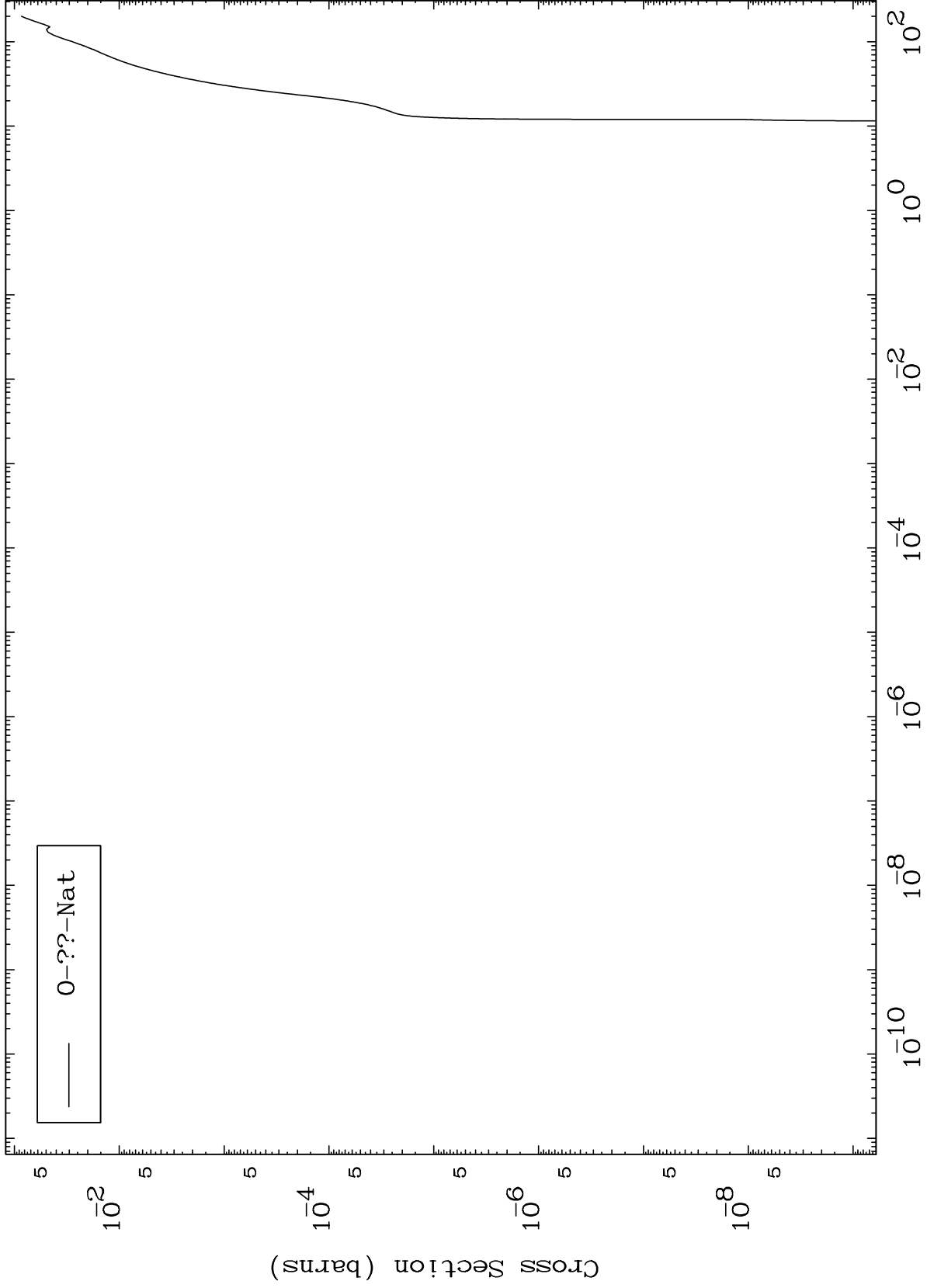


MAT 81119

Fission

81-Tl-201

Radionuclide Production Cross Section



75

Incident Energy (MeV)

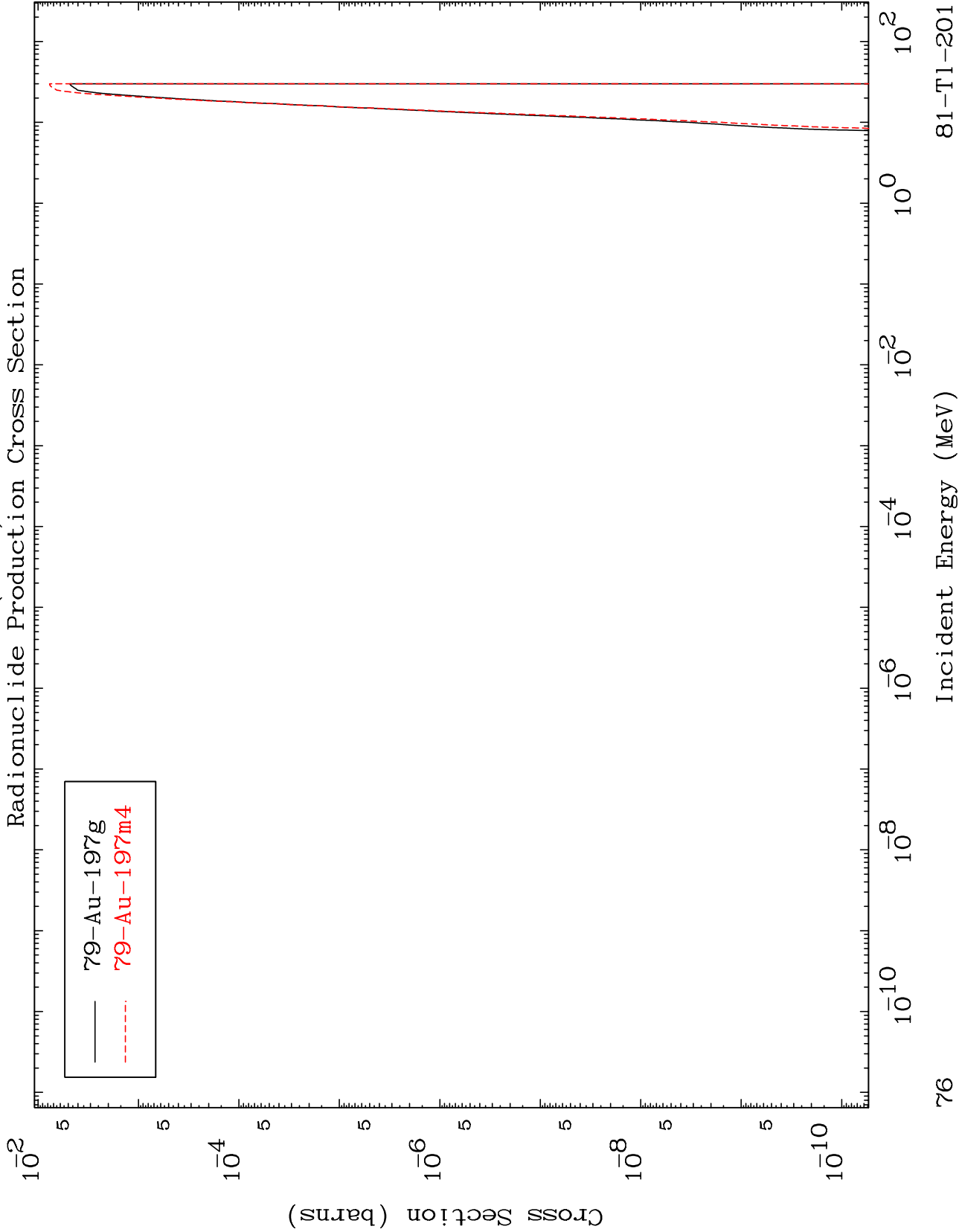
81-Tl-201

MAT 81119

$(n, n') \alpha$

81-Tl-201

Radionuclide Production Cross Section



76

Incident Energy (MeV)

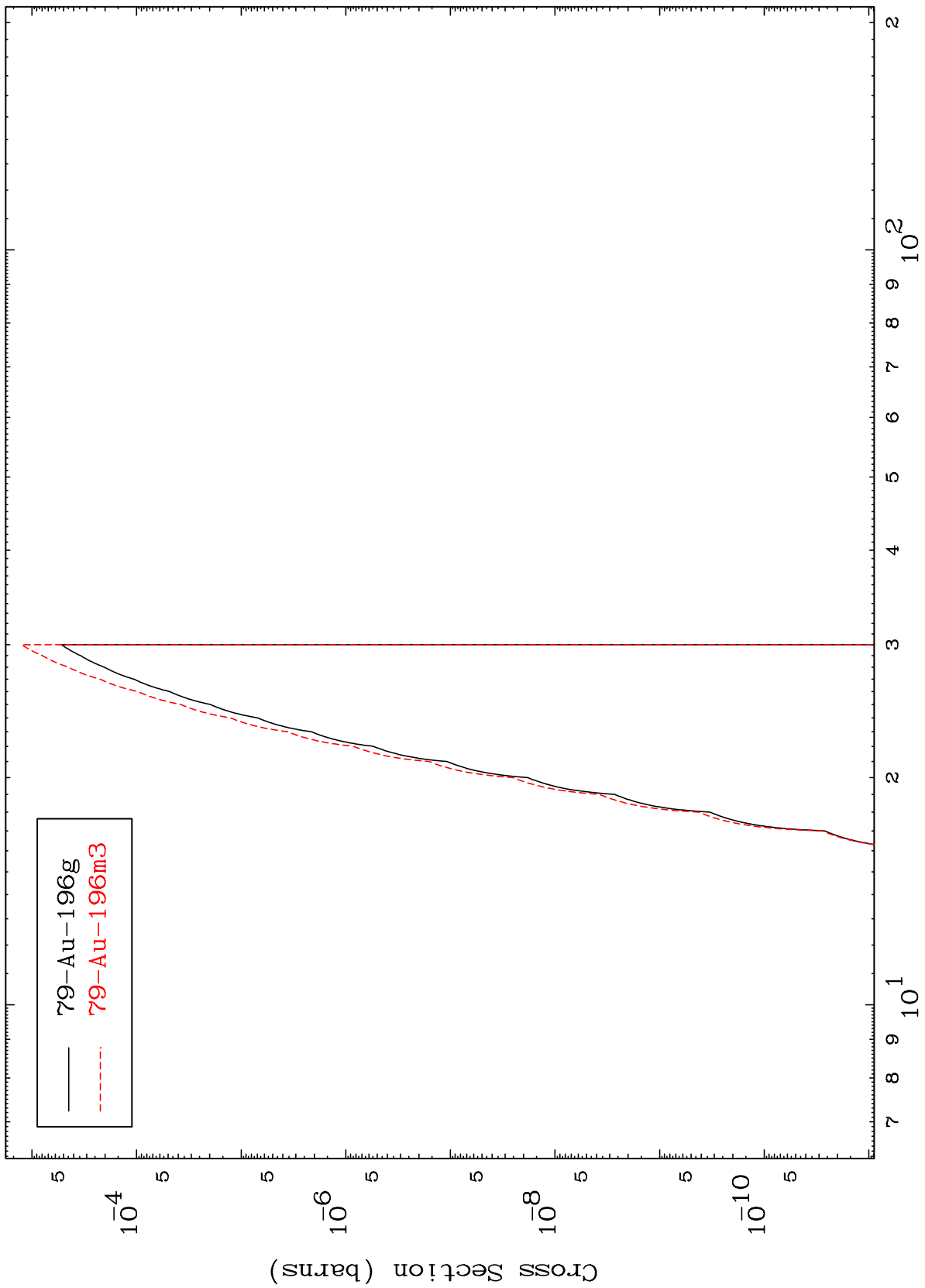
81-Tl-201

MAT 8119

81-Tl-201

(n,2n)  $\alpha$

Radionuclide Production Cross Section



77

Incident Energy (MeV)

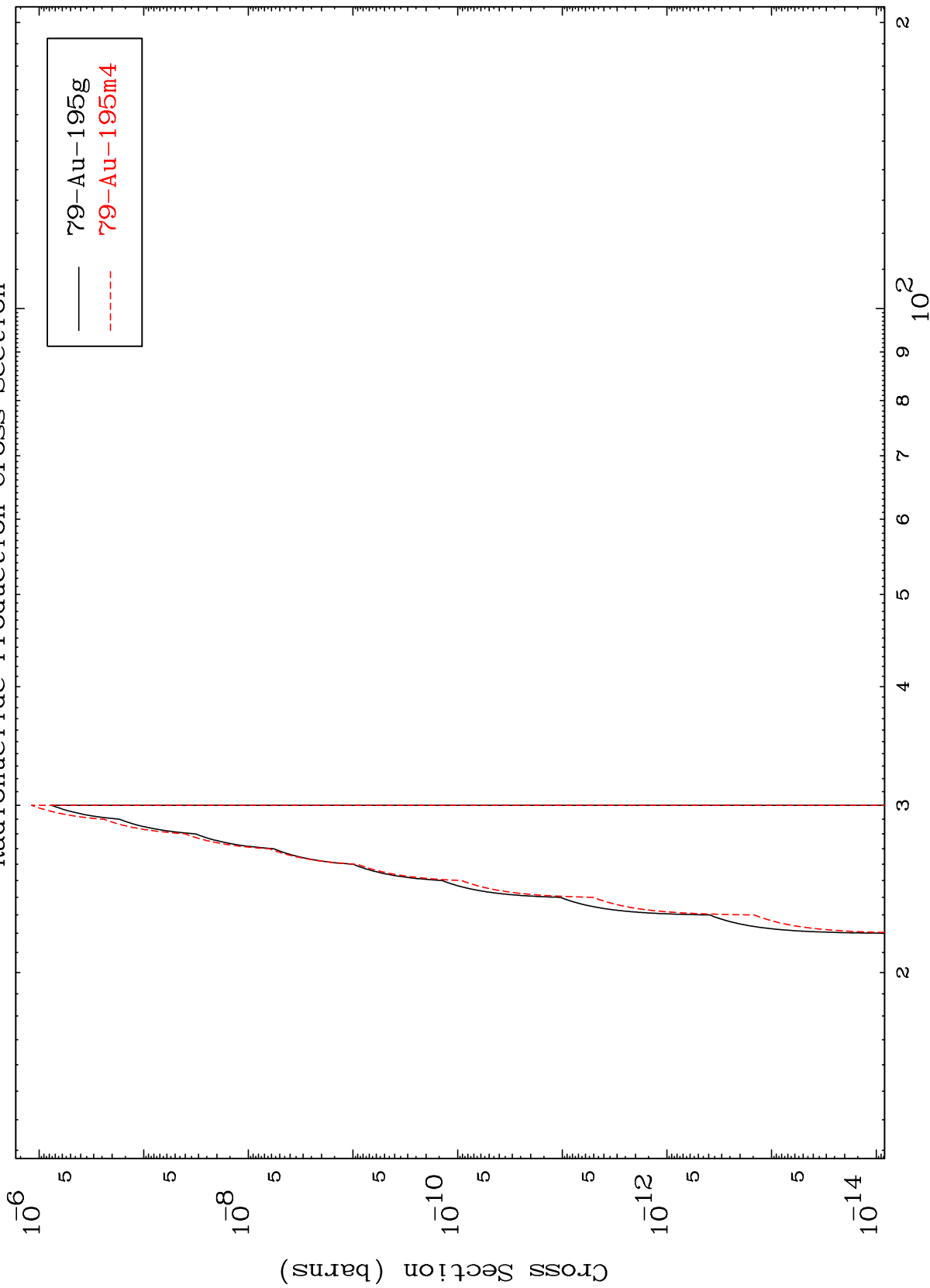
81-Tl-201

MAT 81119

(n,3n)  $\alpha$

81-Tl-201

Radionuclide Production Cross Section



78

Incident Energy (MeV)

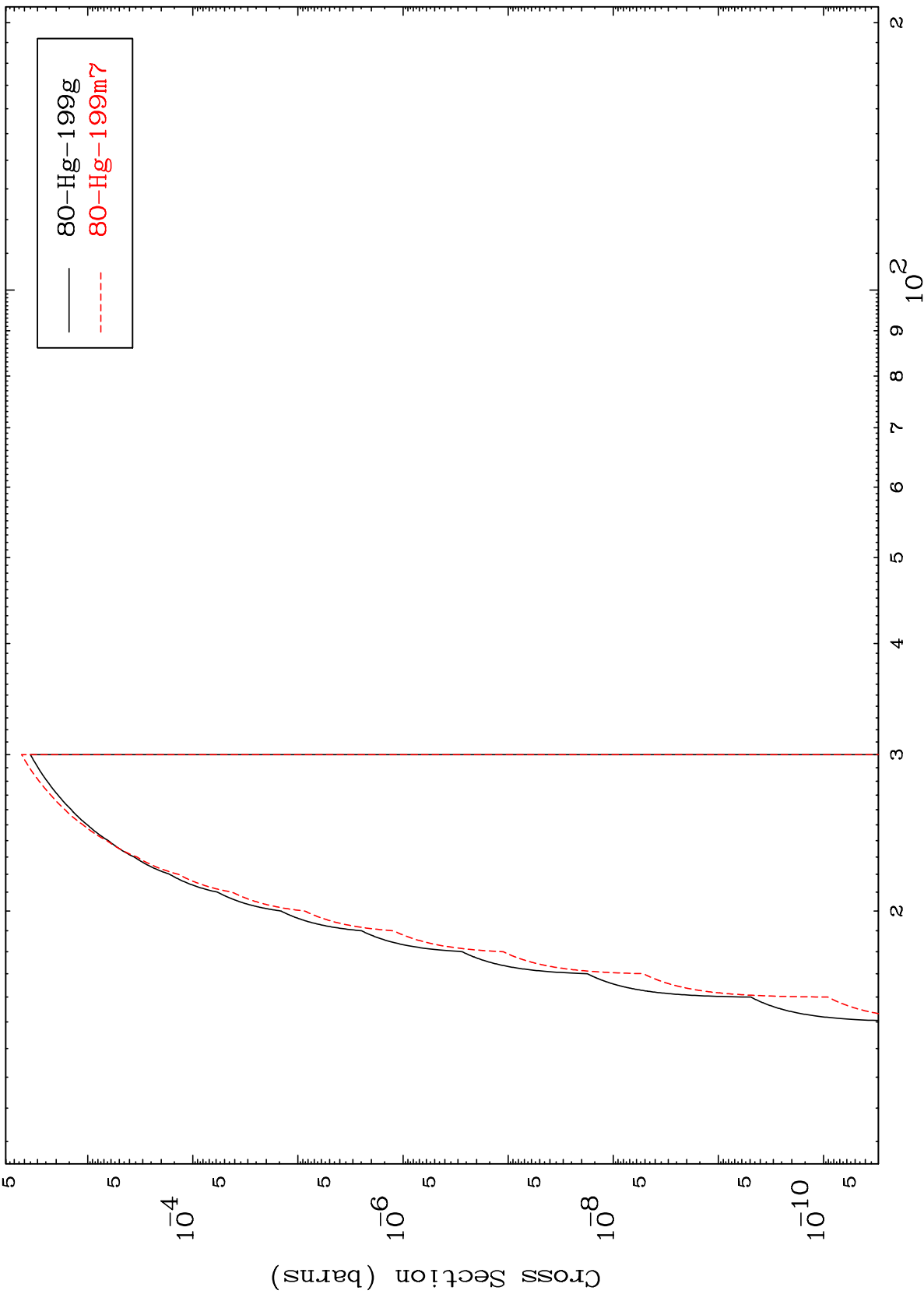
81-Tl-201

MAT 81119

(n,n') d

81-Tl-201

Radionuclide Production Cross Section



79

Incident Energy (MeV)

81-Tl-201

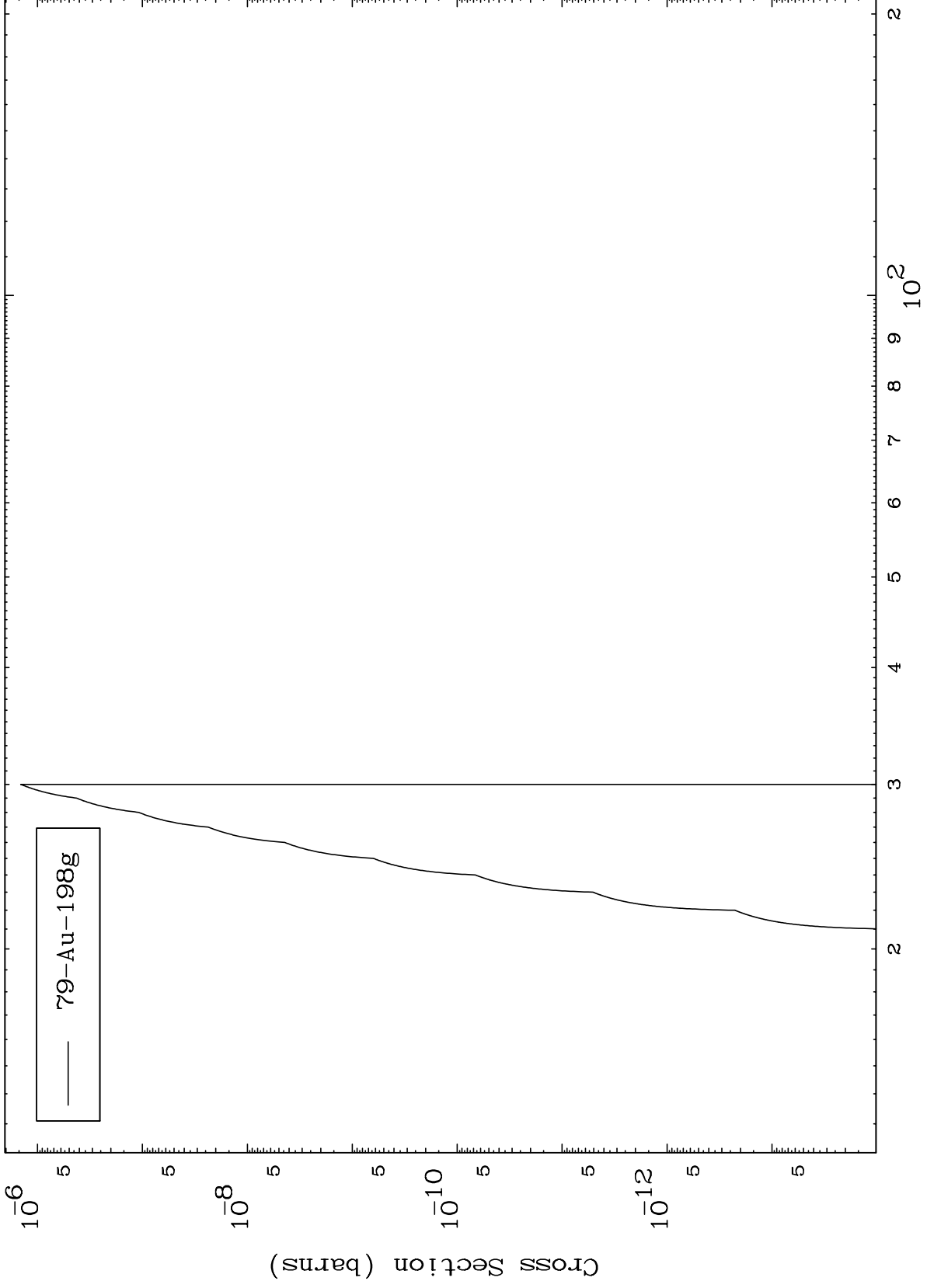


MAT 81119

(n,n') He-3

81-Tl-201

Radionuclide Production Cross Section



80

Incident Energy (MeV)

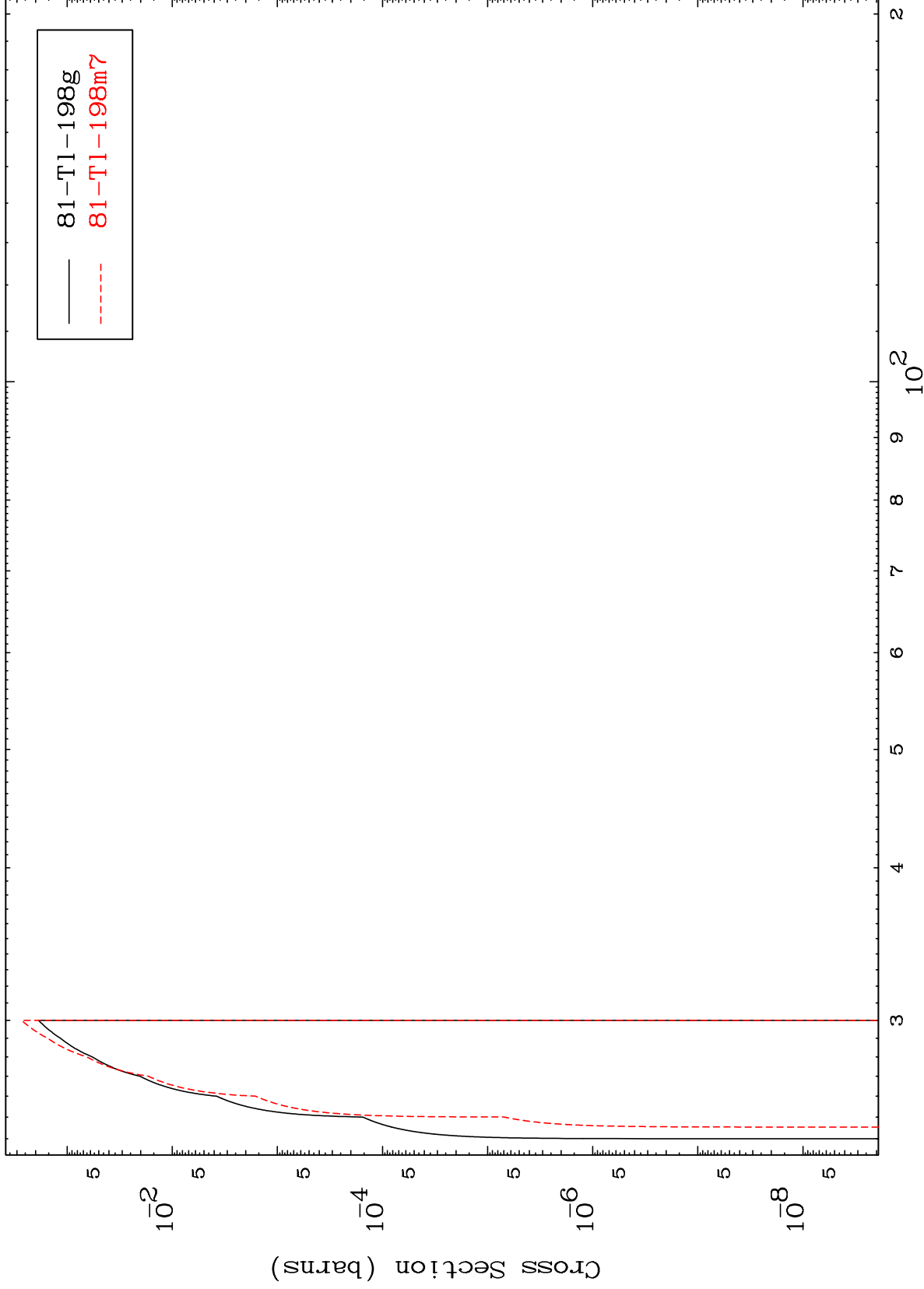
81-Tl-201

MAT 81119

(n,4n)

81-Tl-201

Radionuclide Production Cross Section



81

Incident Energy (MeV)

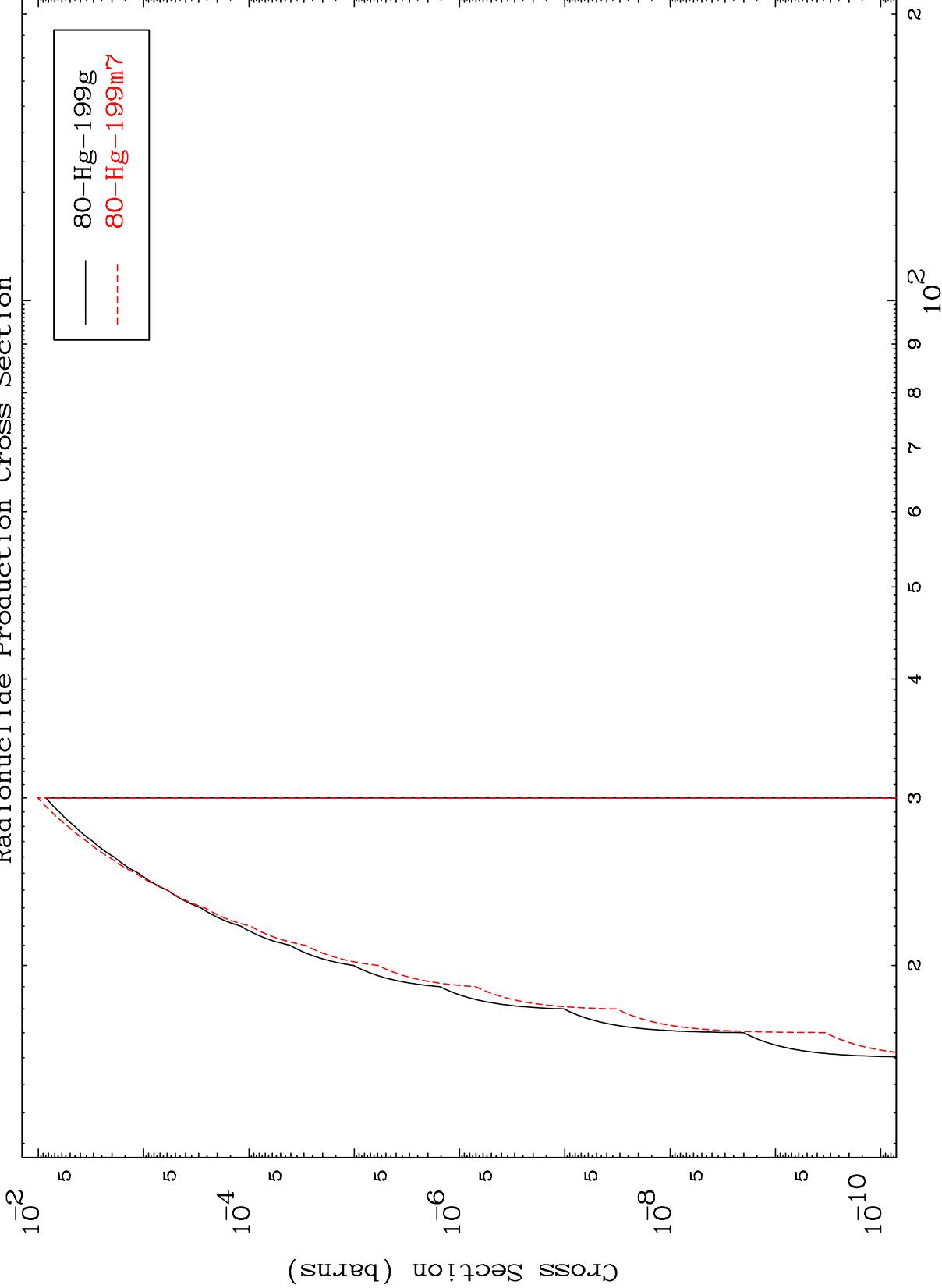
81-Tl-201

MAT 81119

(n,2n) p

81-Tl-201

Radionuclide Production Cross Section

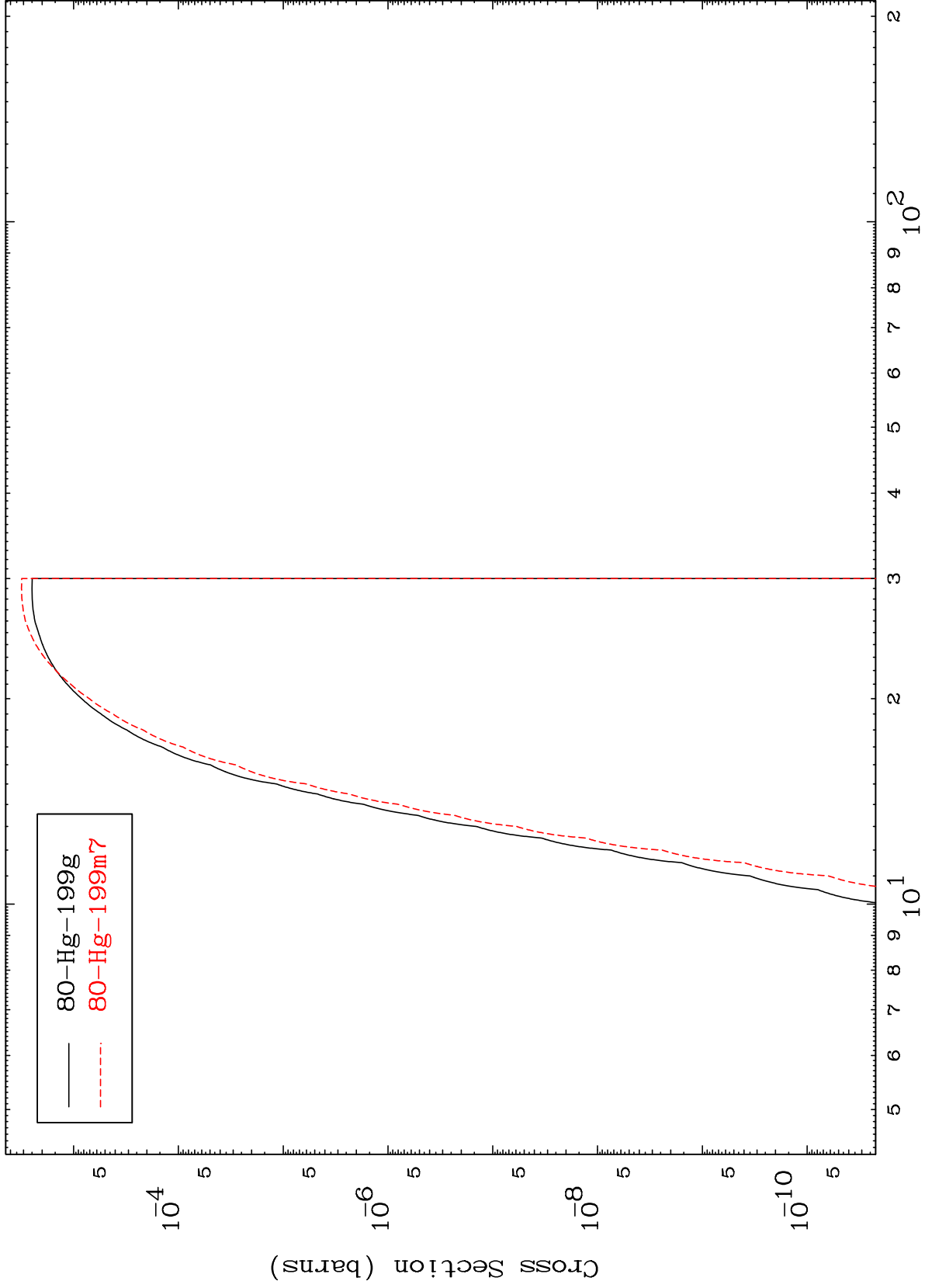


82

Incident Energy (MeV)

81-Tl-201

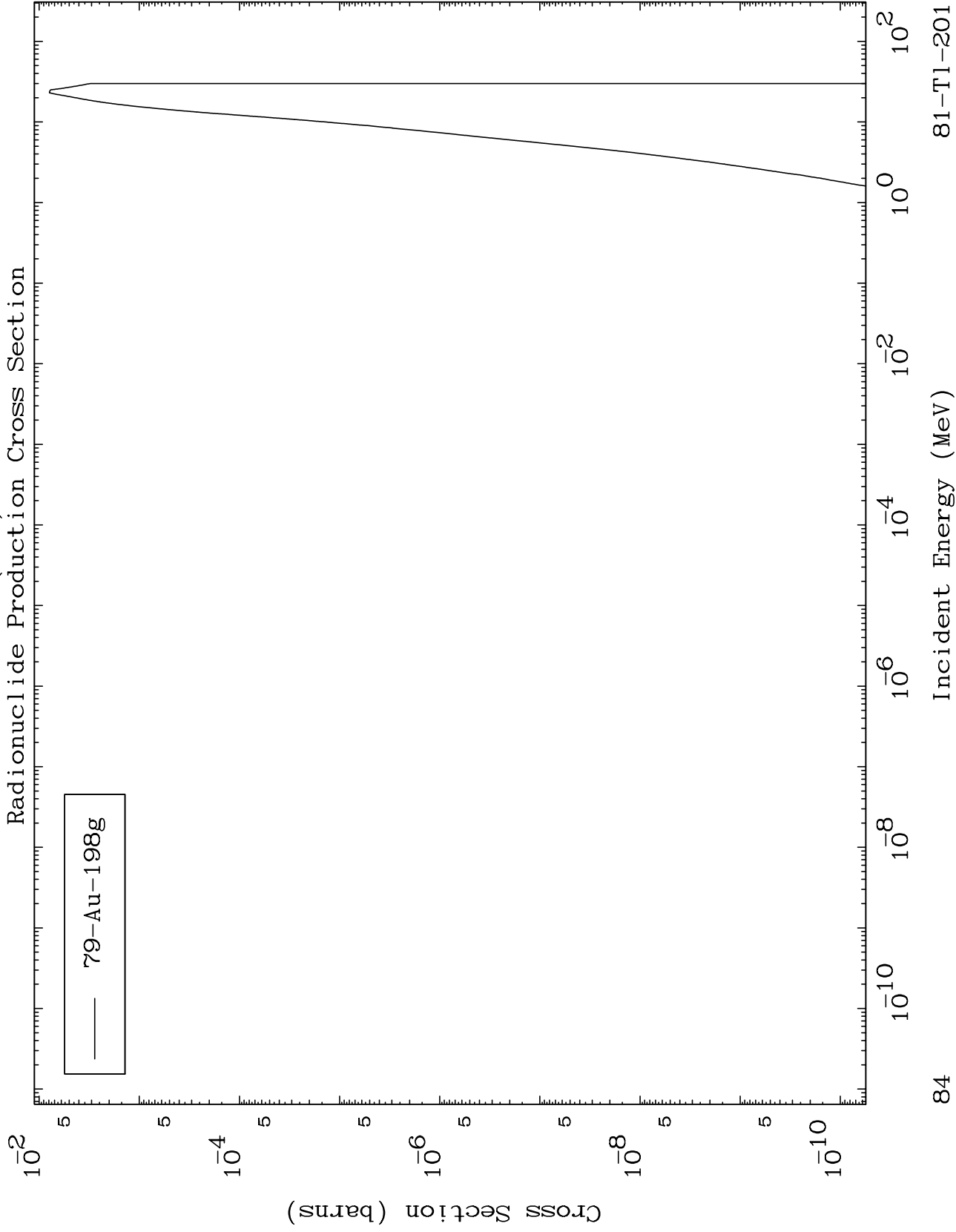
Radionuclide Production Cross Section (n,t)



MAT 81119

81-Tl-201

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



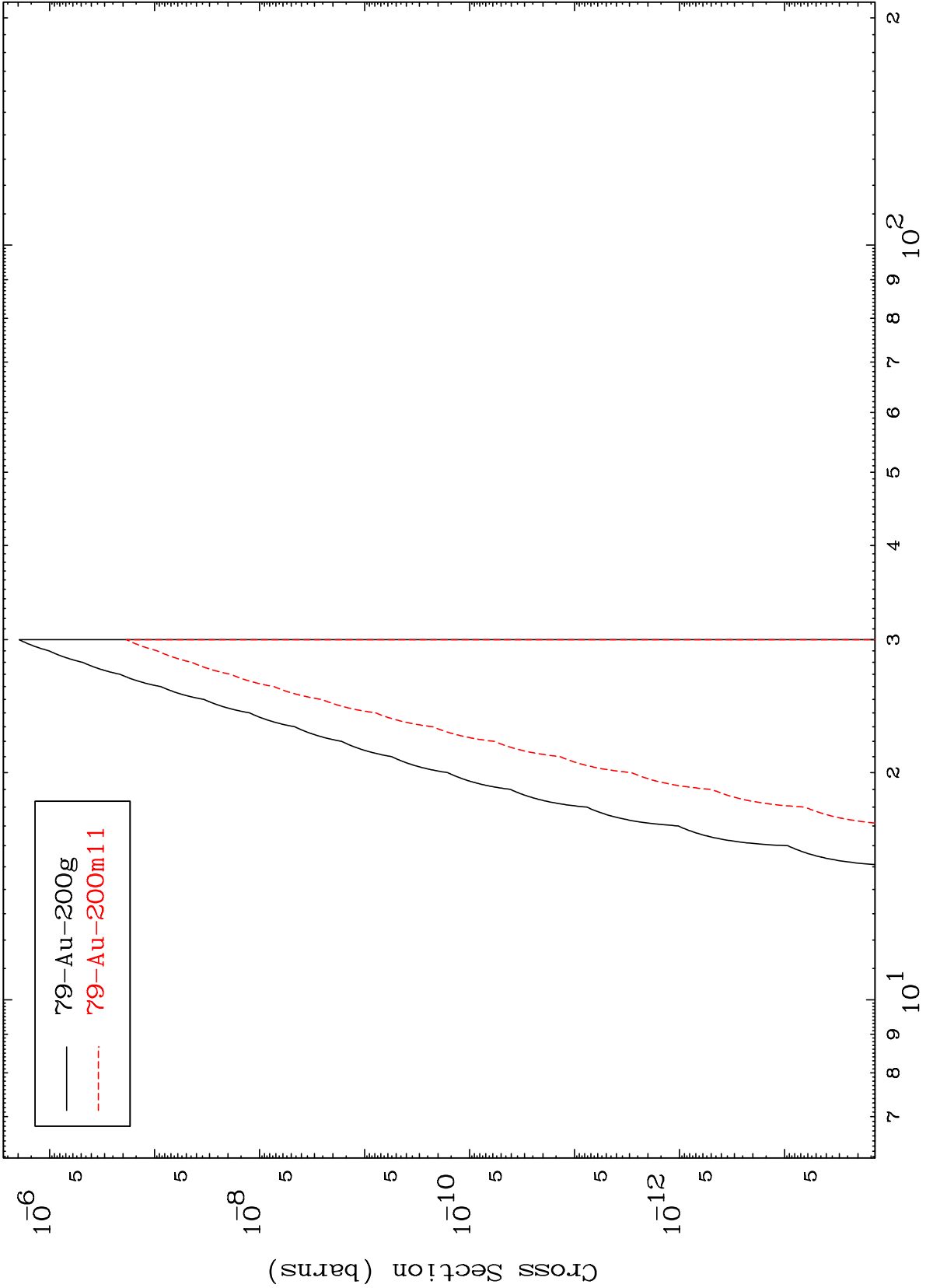
84

81-Tl-201

MAT 81119

81-Tl-201

(n,2p)  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

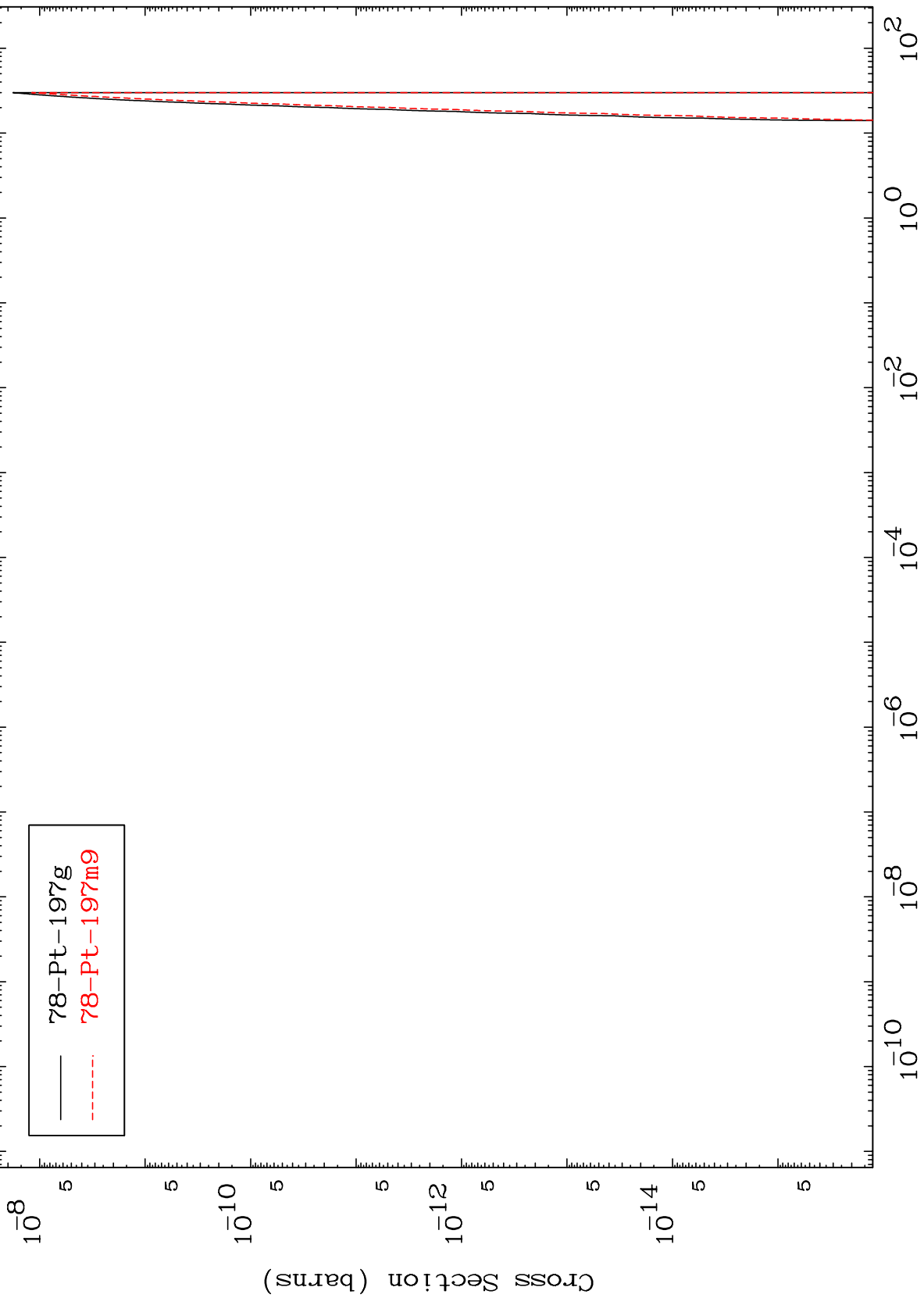
81-Tl-201

MAT 81119

(n,p)  $\alpha$

81-Tl-201

Radionuclide Production Cross Section

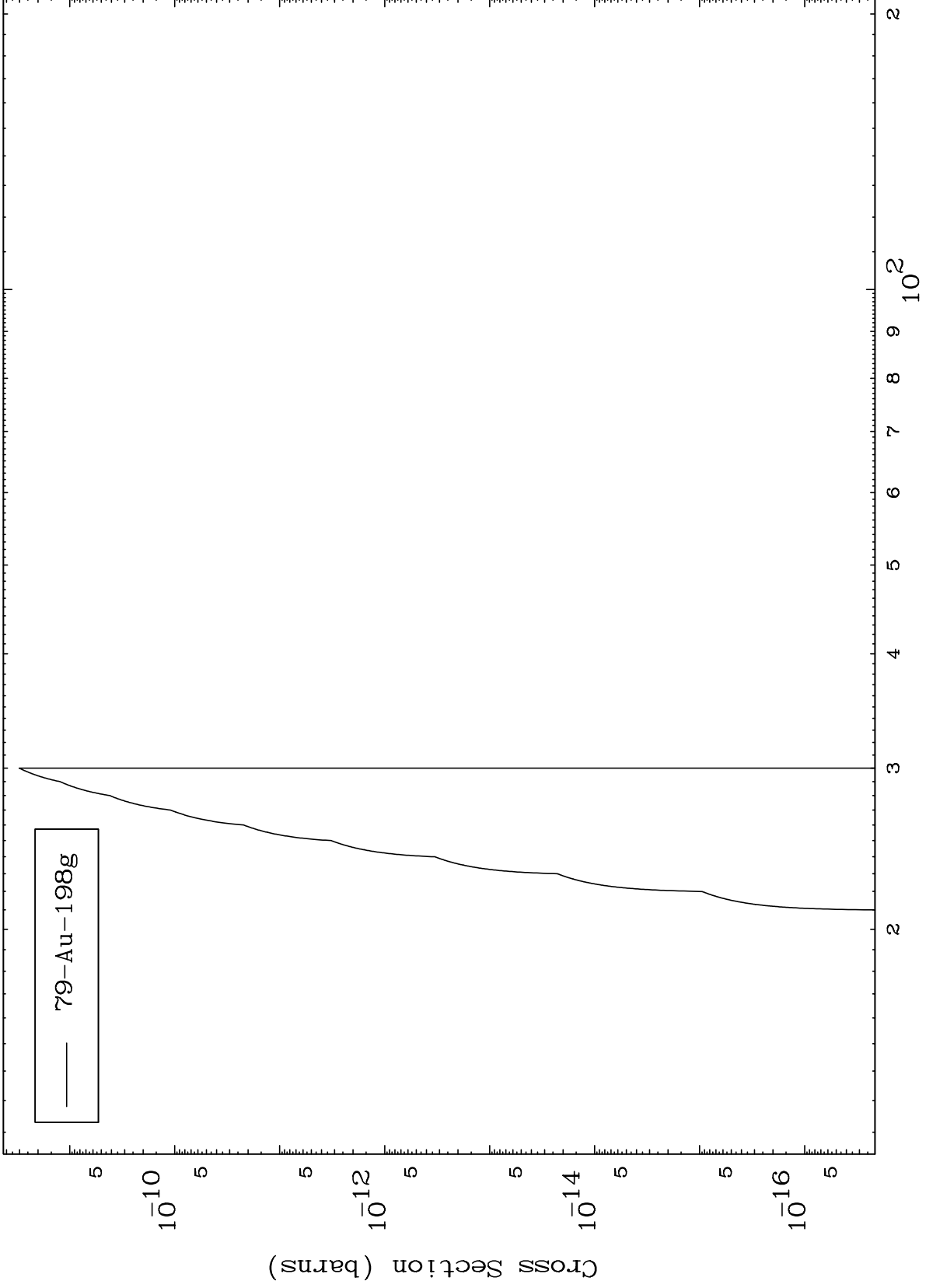


MAT 81119

(n,p) t

81-Tl-201

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-201