

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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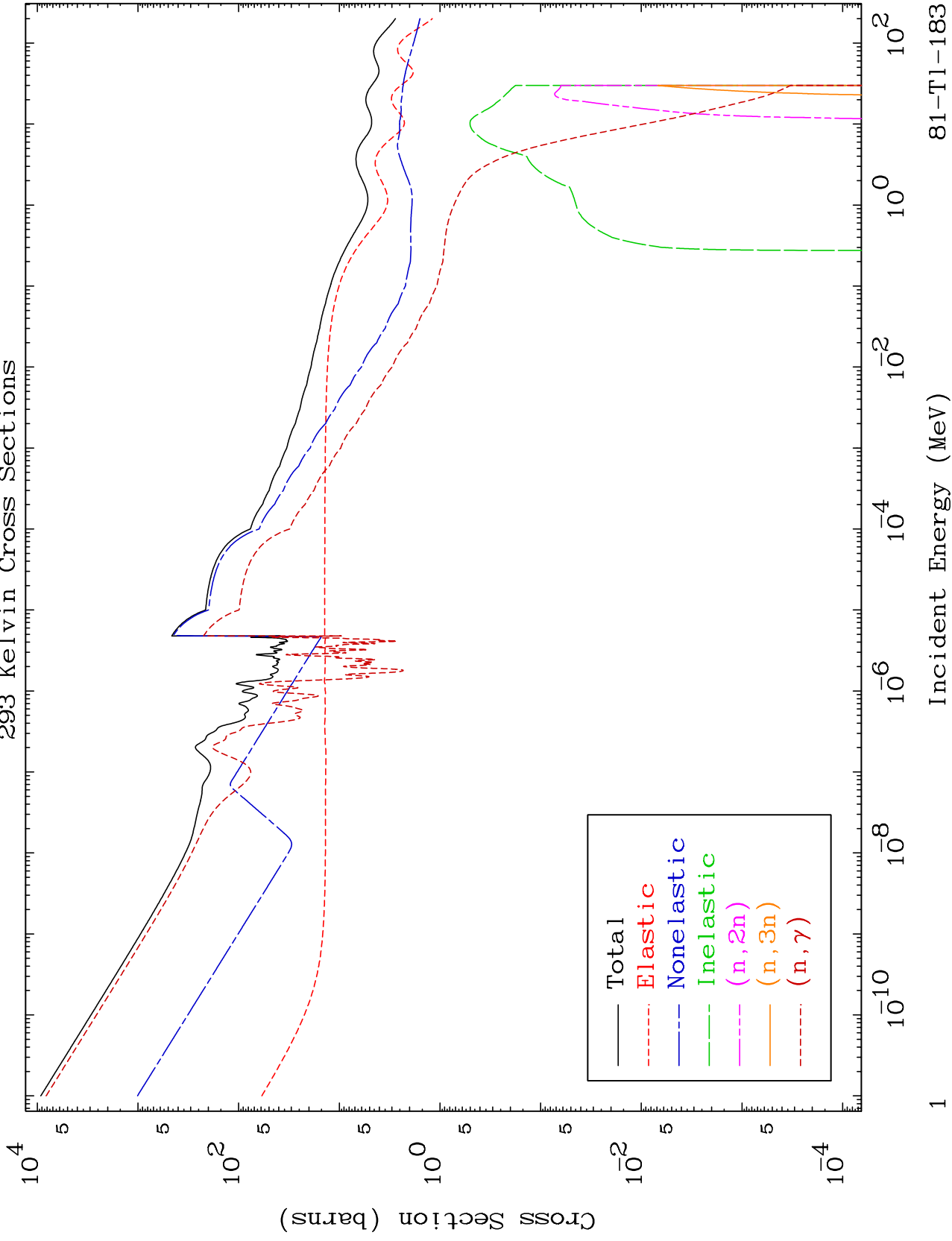
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8065

Neutron Major  
293 Kelvin Cross Sections

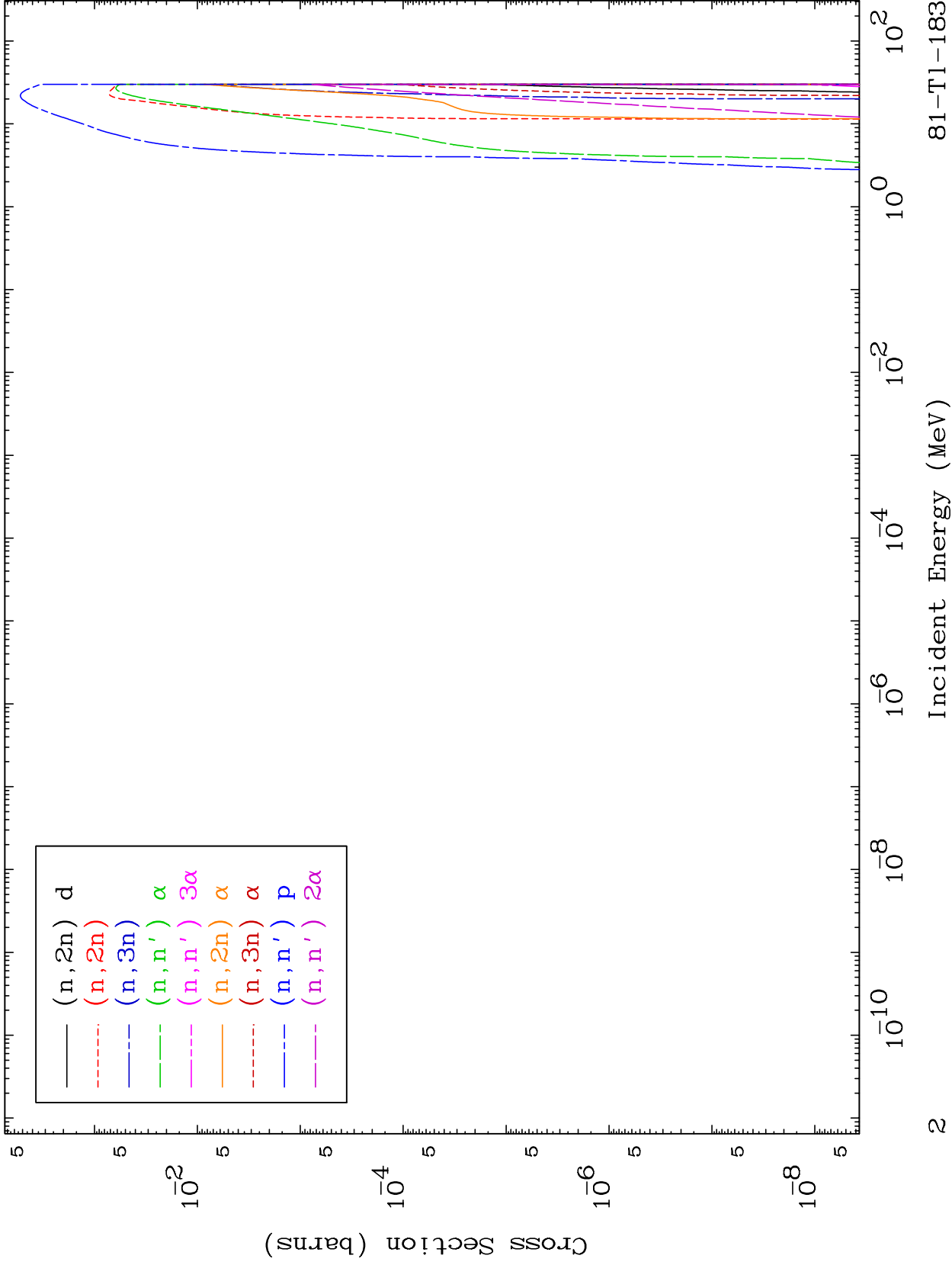
81-Tl-183



MAT 8065

Neutron Absorption  
293 Kelvin Cross Sections

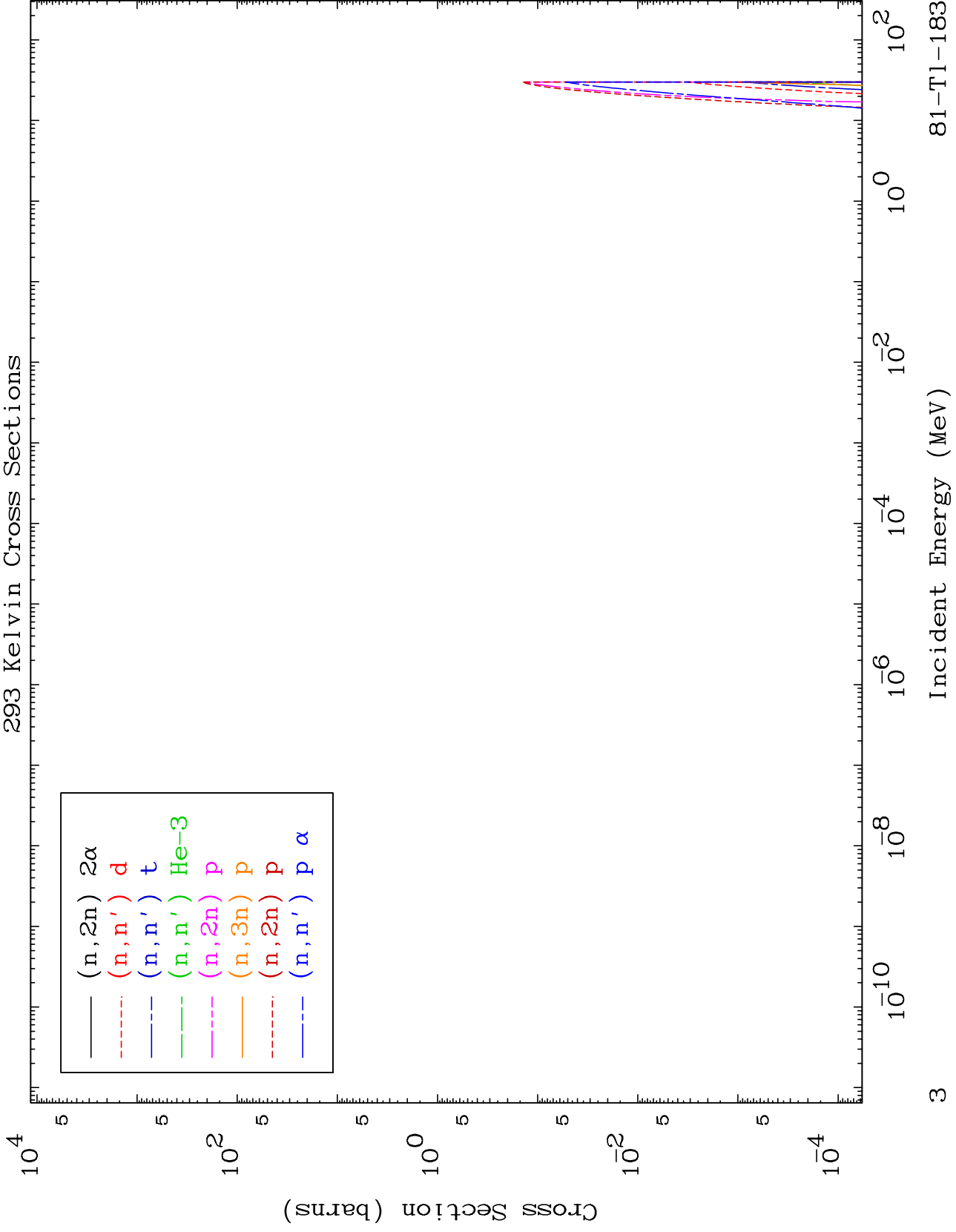
81-Tl-183



MAT 8065

Neutron Absorption  
293 Kelvin Cross Sections

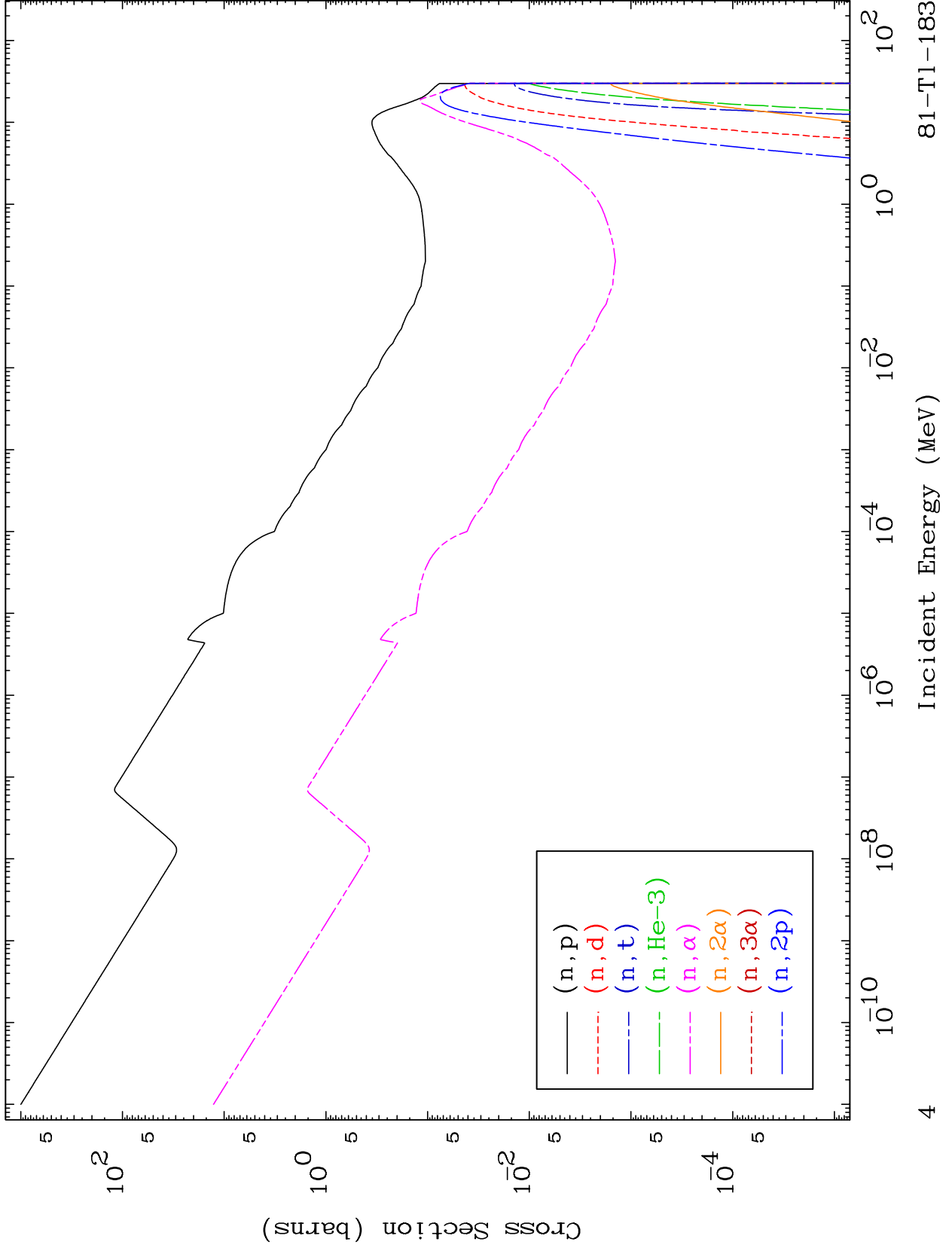
81-Tl-183

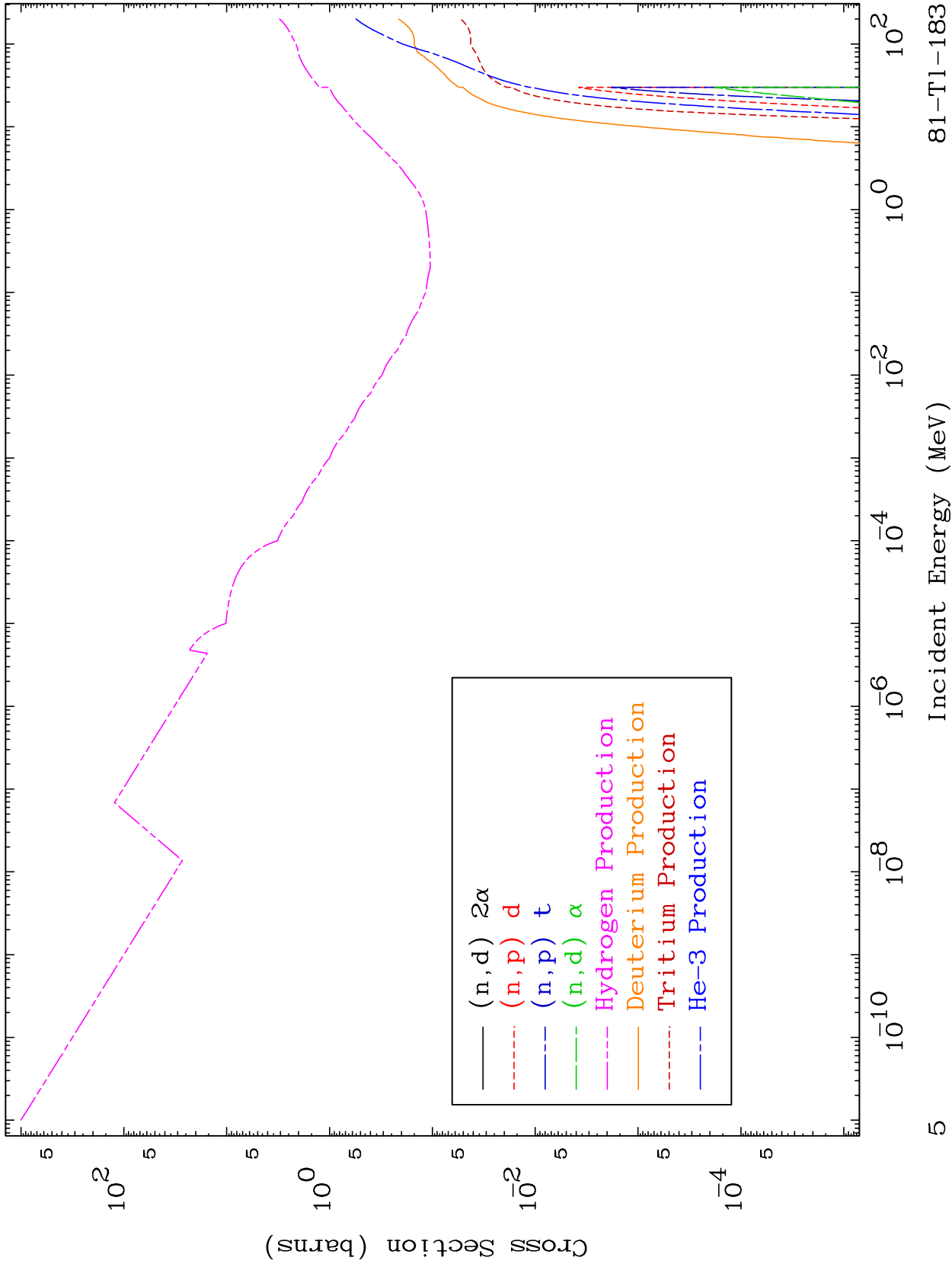


MAT 8065

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-183

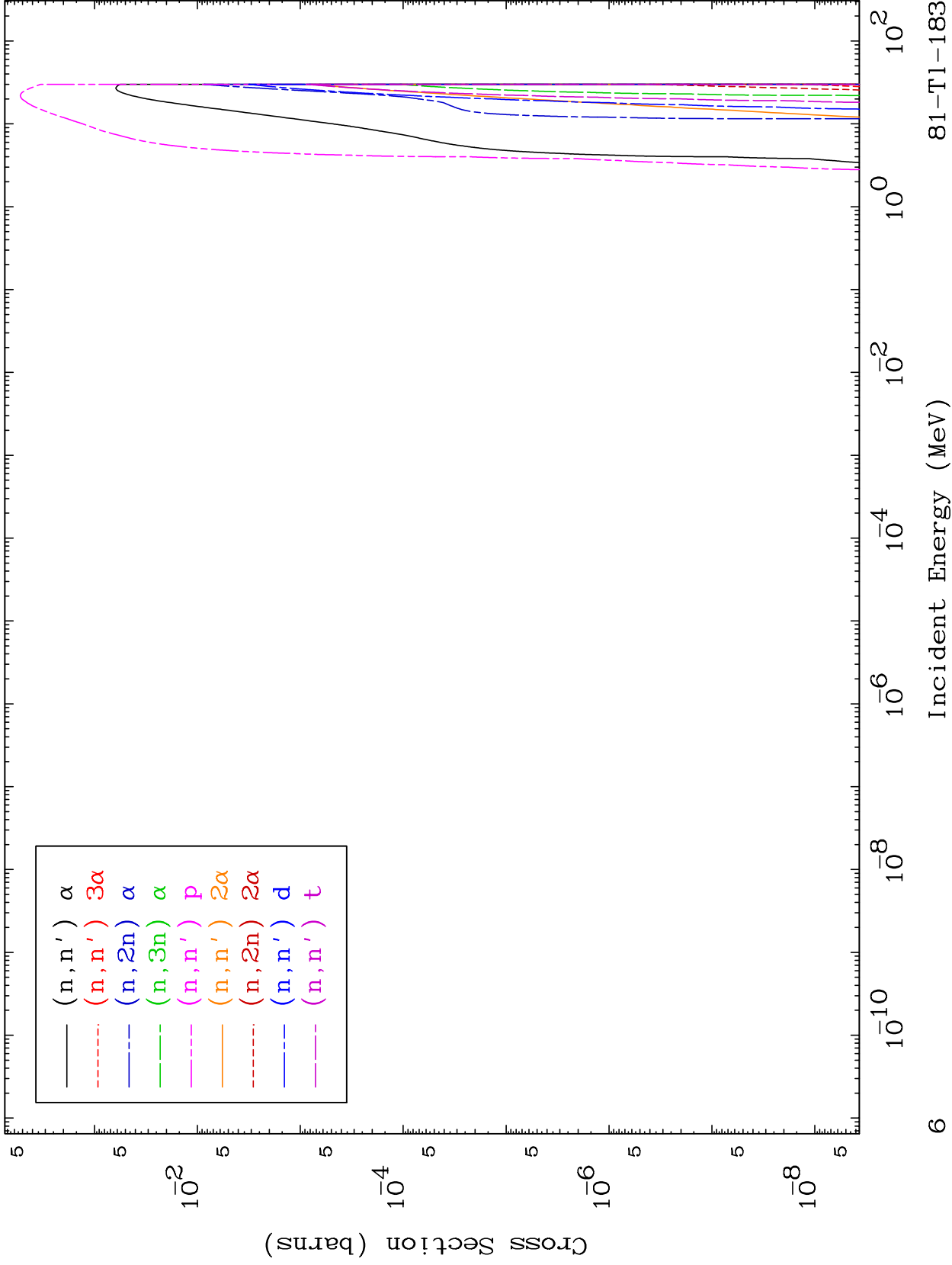




MAT 8065

Charged Particle  
293 Kelvin Cross Sections

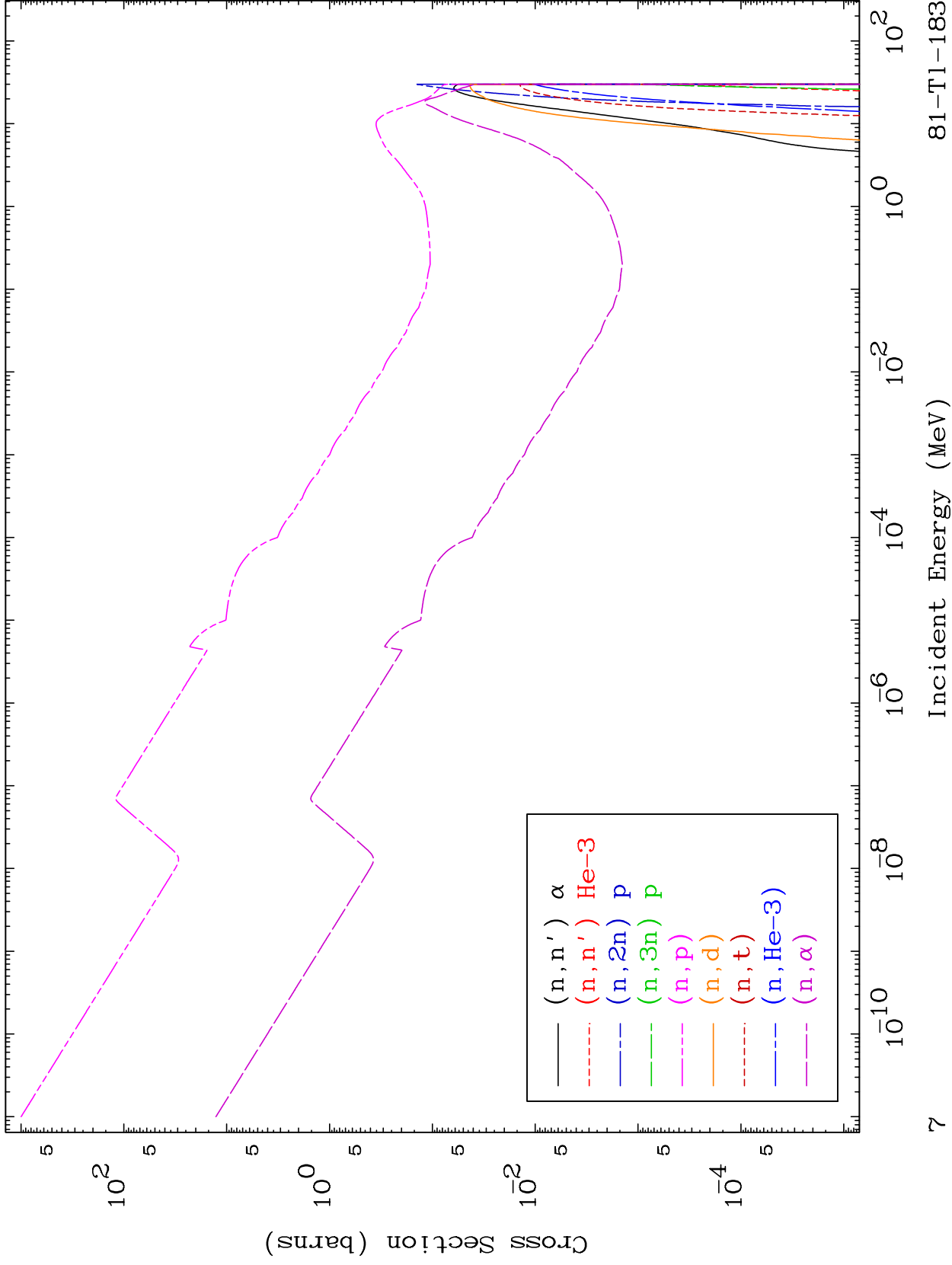
81-Tl-183



MAT 8065

Charged Particle  
293 Kelvin Cross Sections

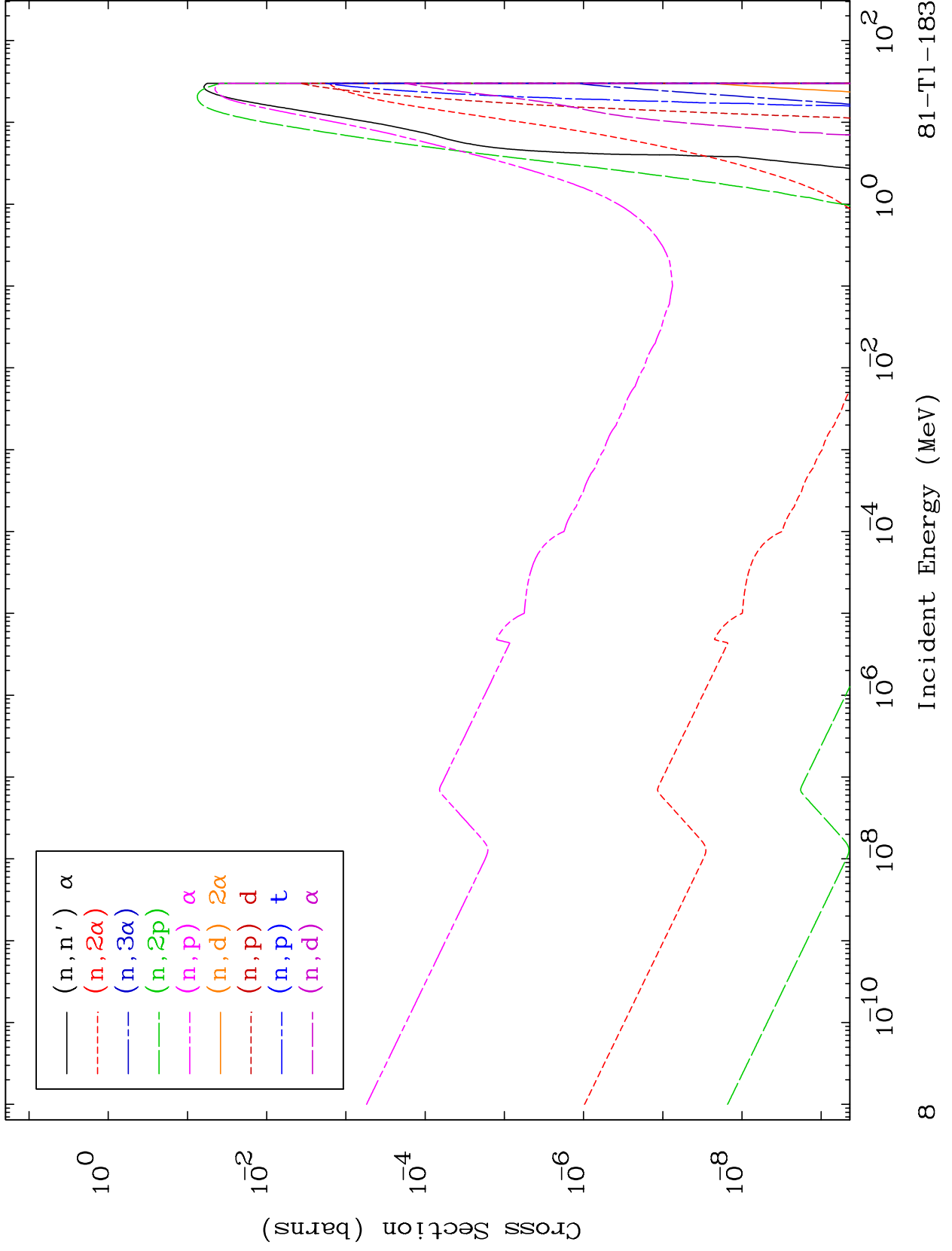
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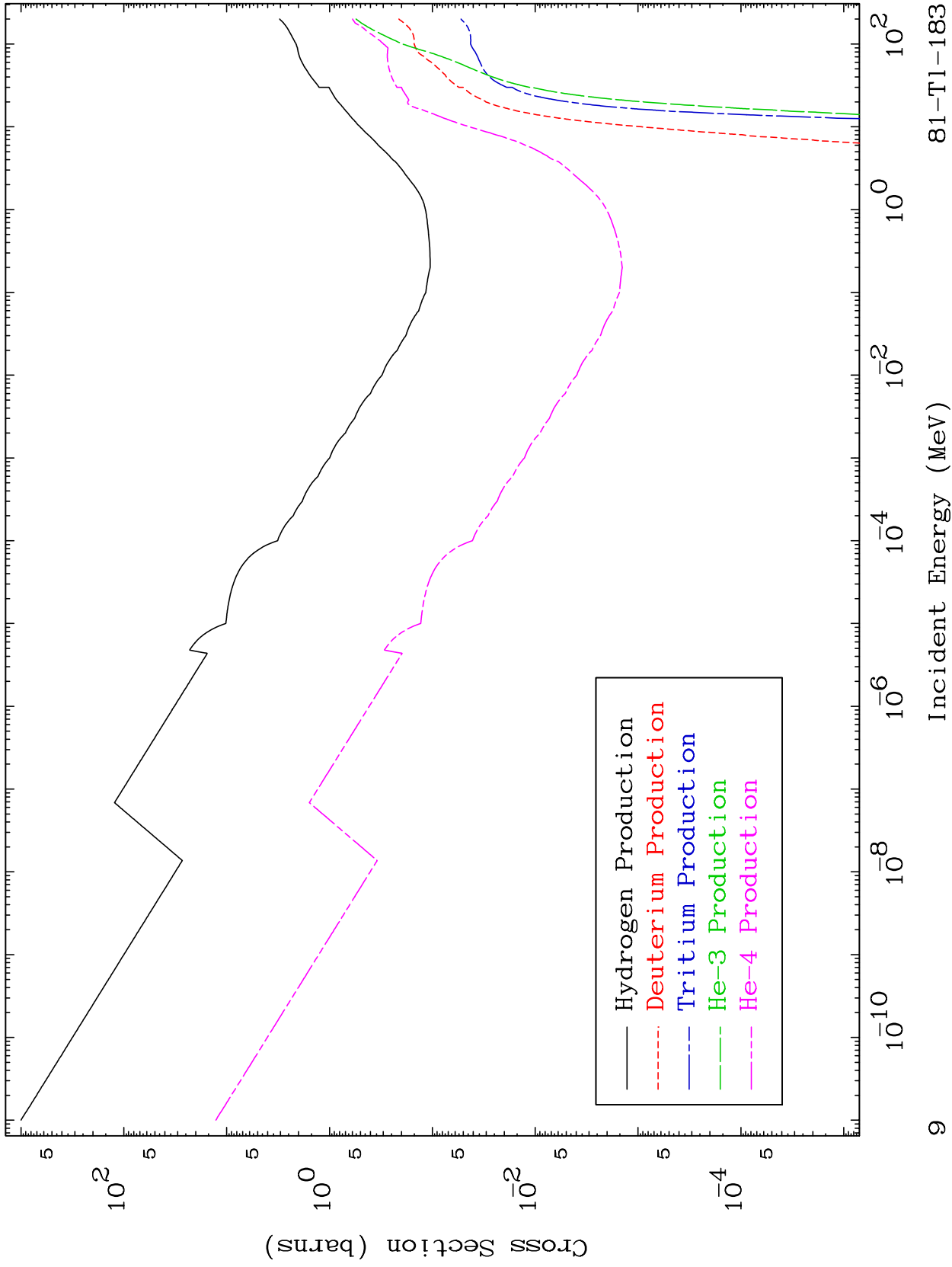


MAT 8065

Charged Particle  
293 Kelvin Cross Sections

81-Tl-183

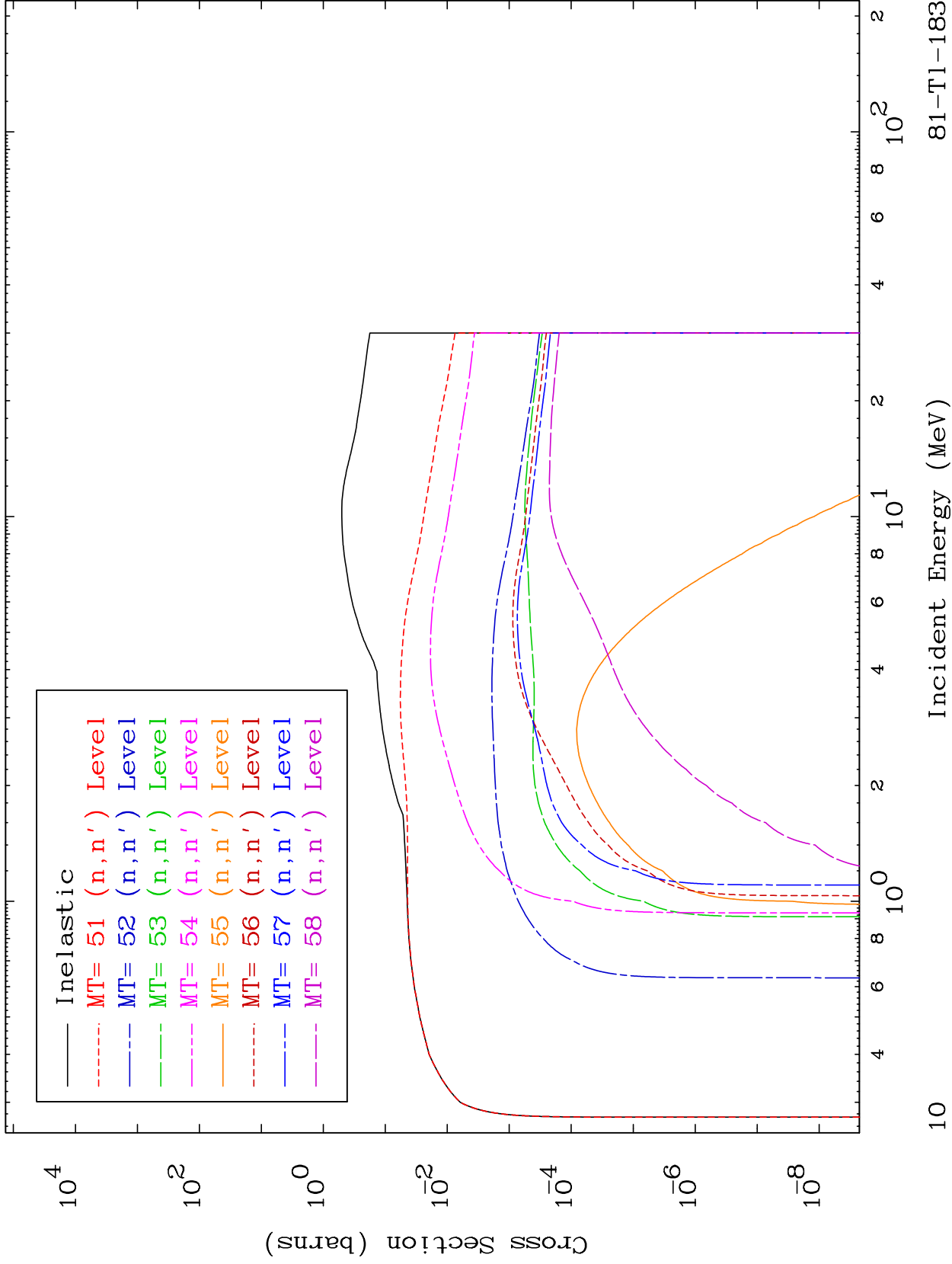




MAT 8065

293 Kelvin Cross Sections  
(n,n') Levels

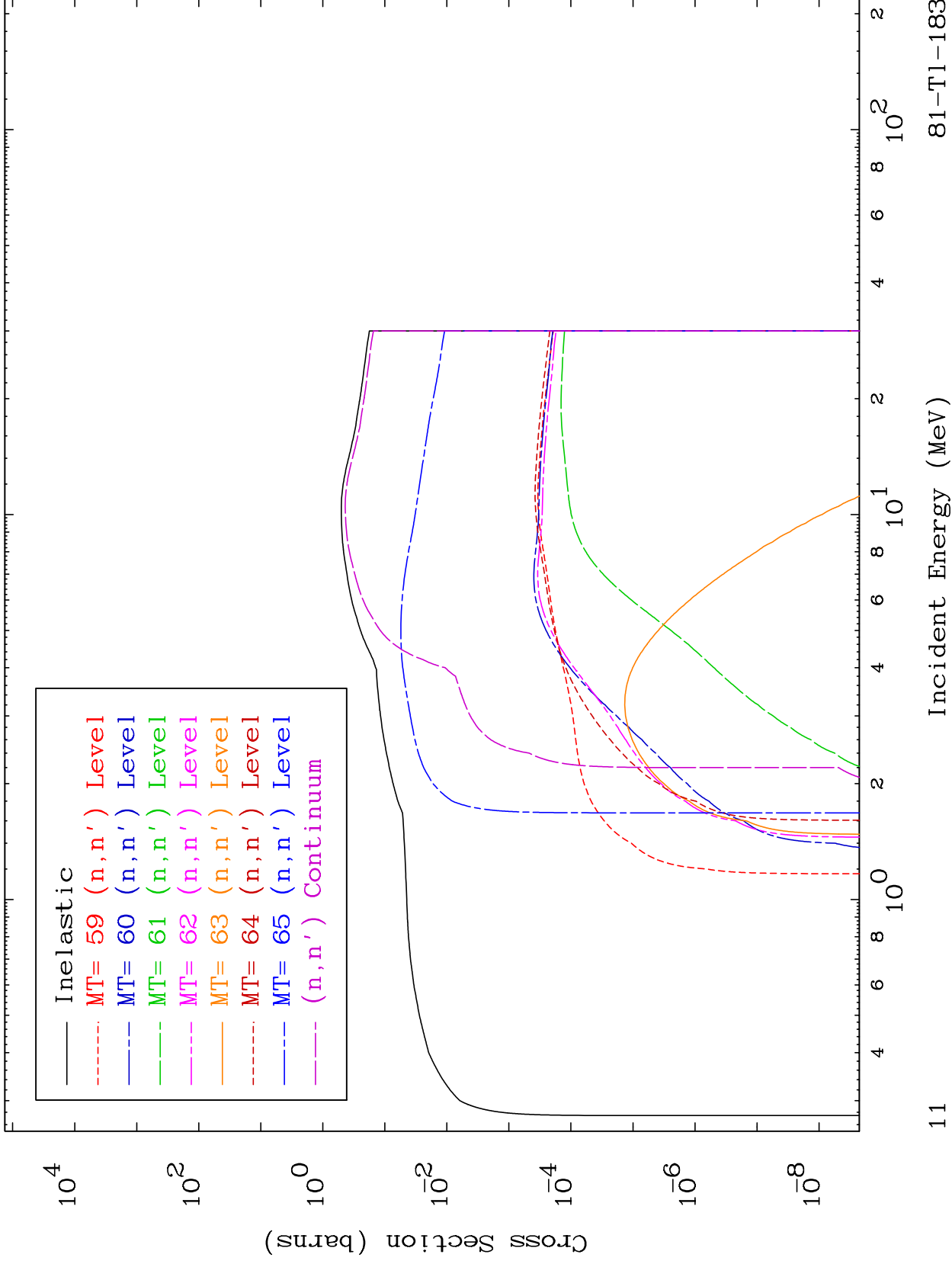
81-Tl-183



10

Incident Energy (MeV)

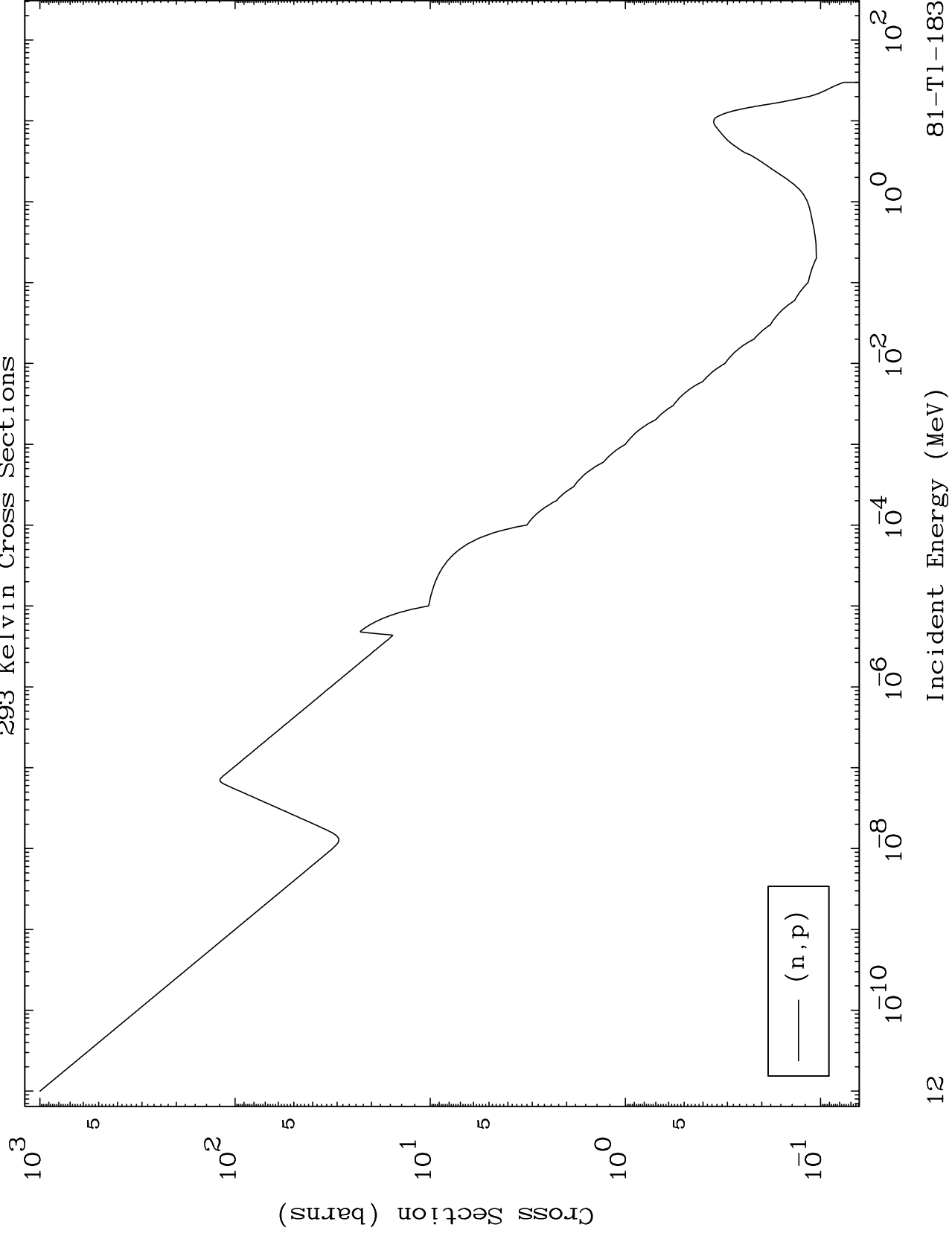
81-Tl-183



MAT 8065

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-183



12

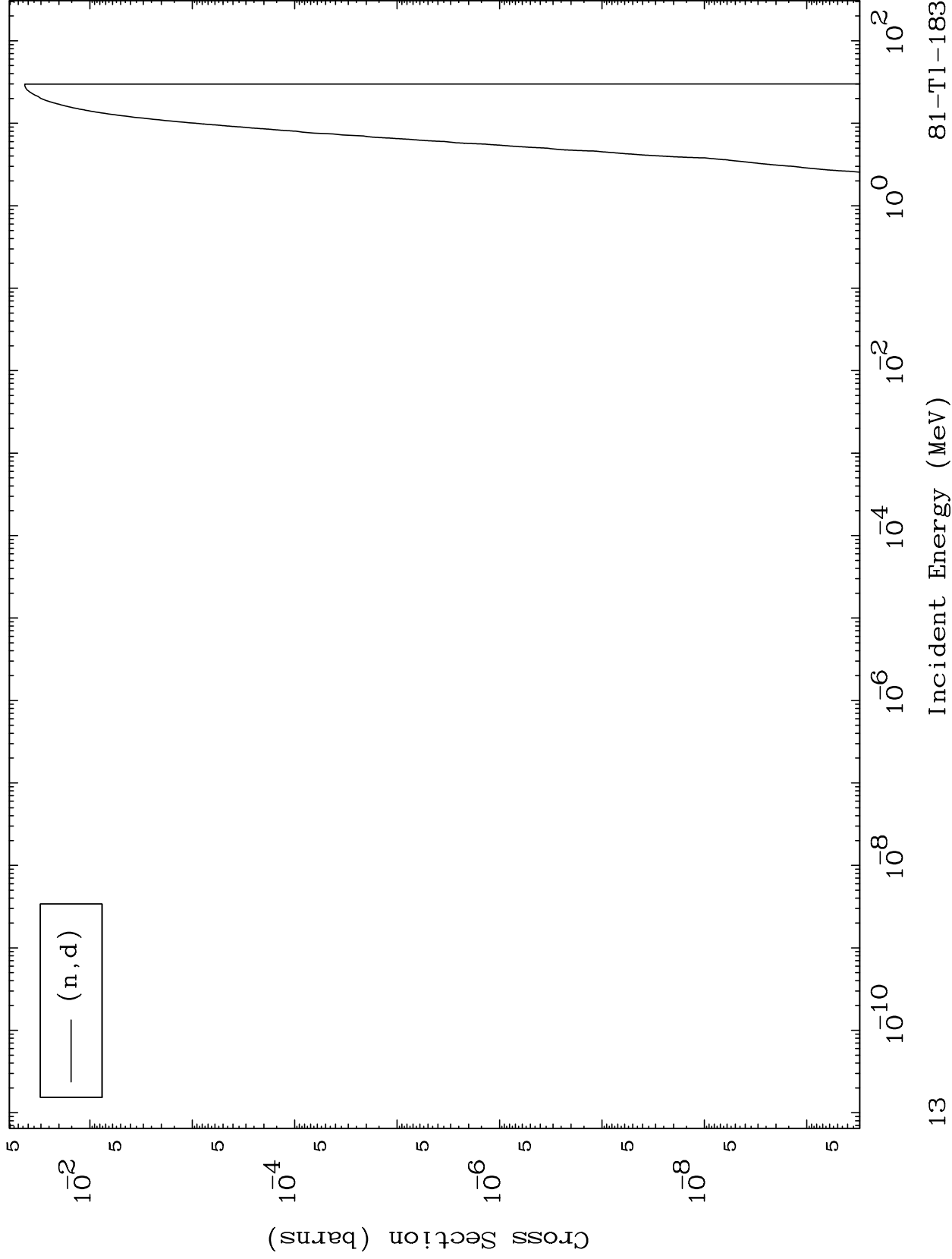
Incident Energy (MeV)

81-Tl-183

MAT 8065

(n,d) Levels  
293 Kelvin Cross Sections

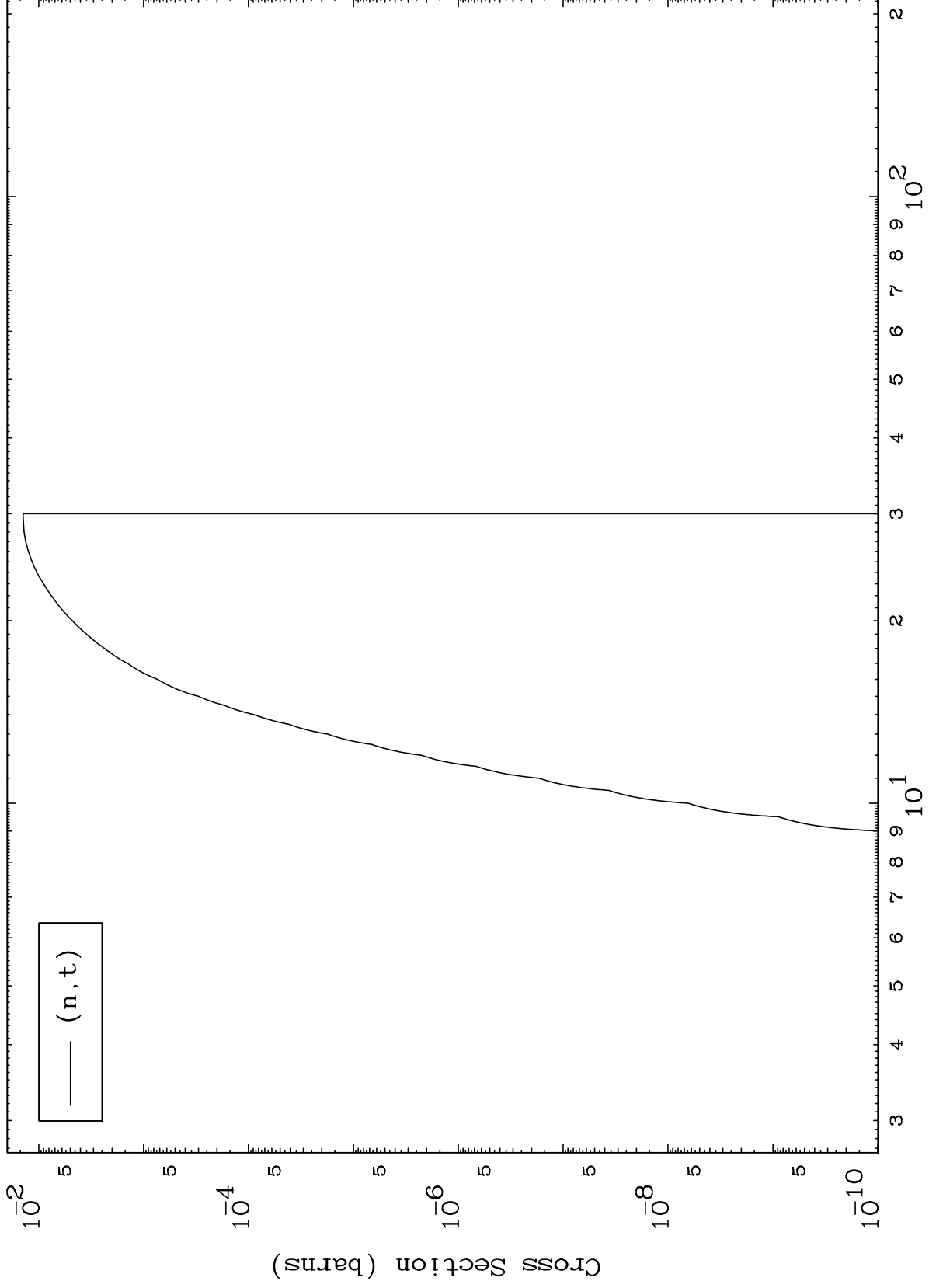
81-Tl-183



MAT 8065

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-183



14

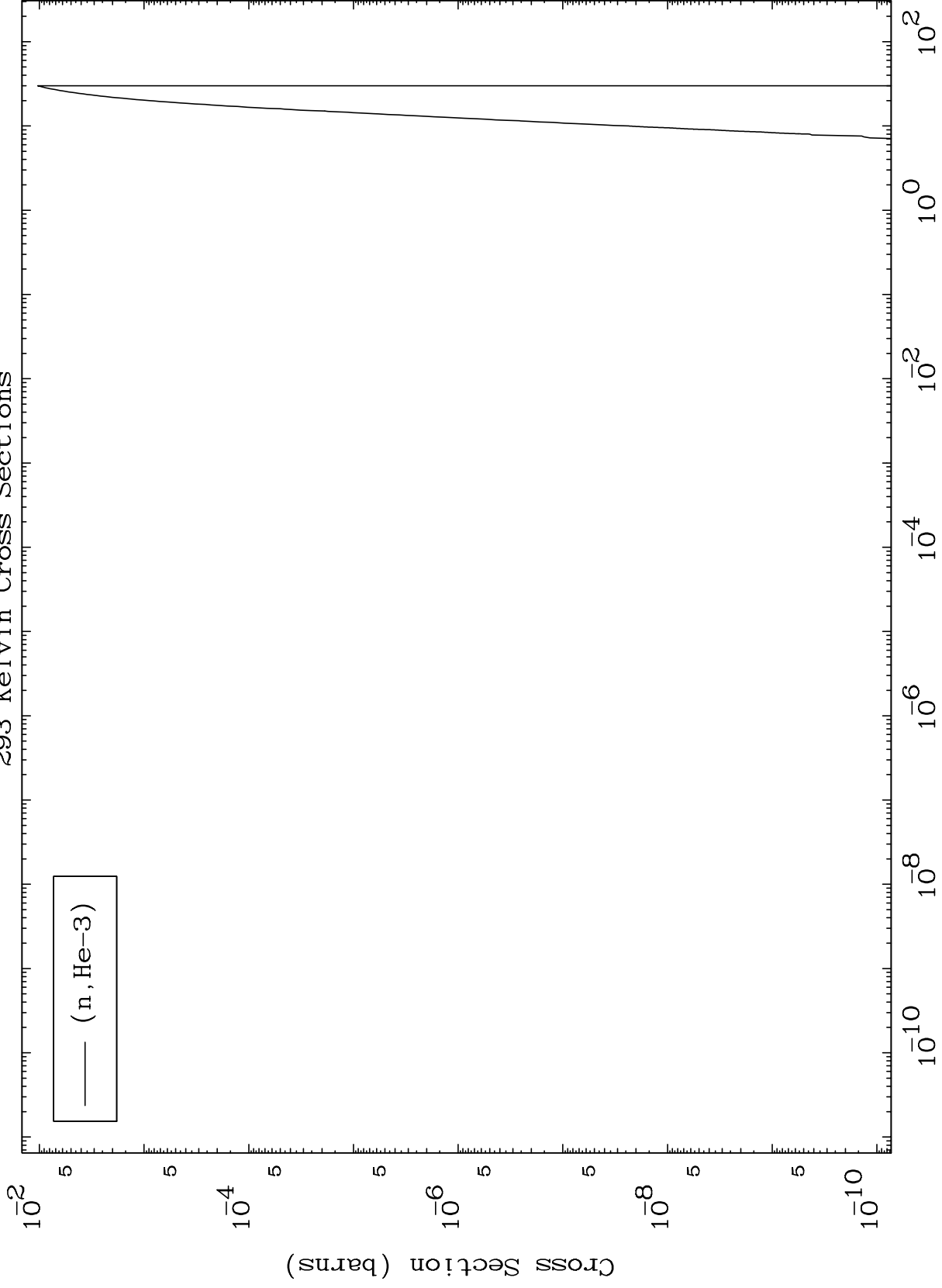
Incident Energy (MeV)

81-Tl-183

MAT 8065

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-183



15

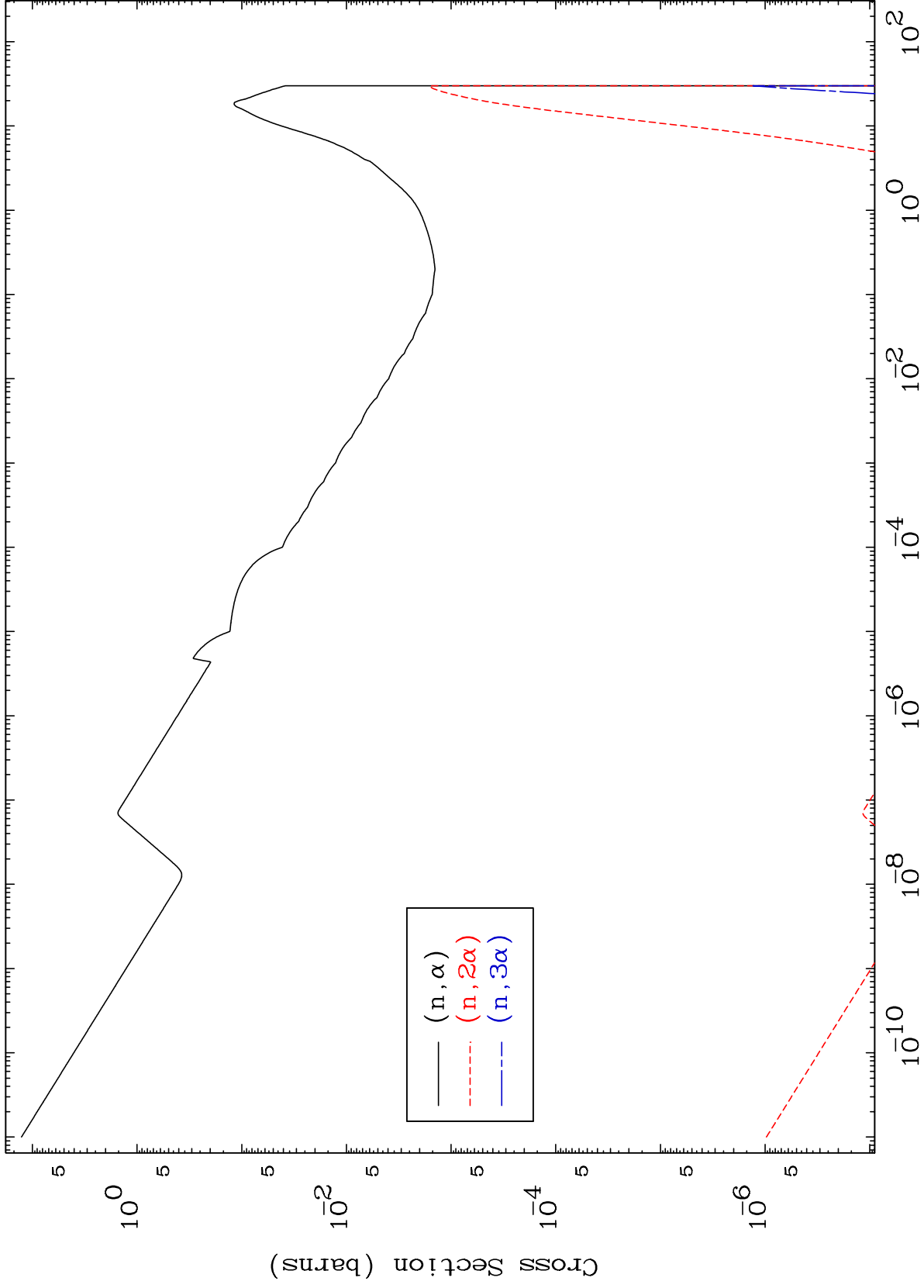
Incident Energy (MeV)

81-Tl-183

MAT 8065

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-183



16

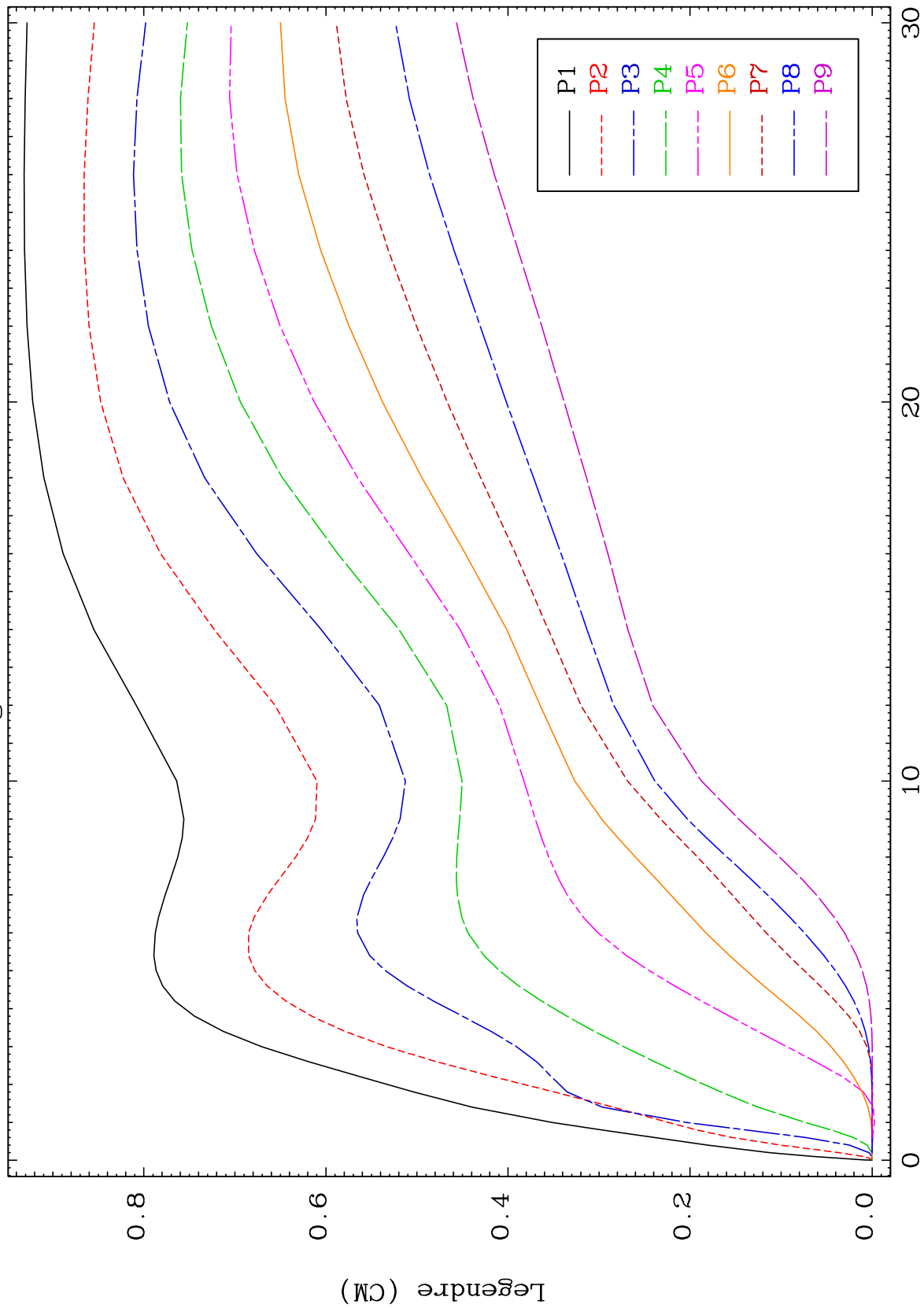
Incident Energy (MeV)

81-Tl-183

MAT 8065

Elastic Legendre Coefficients

81-T1-183



17

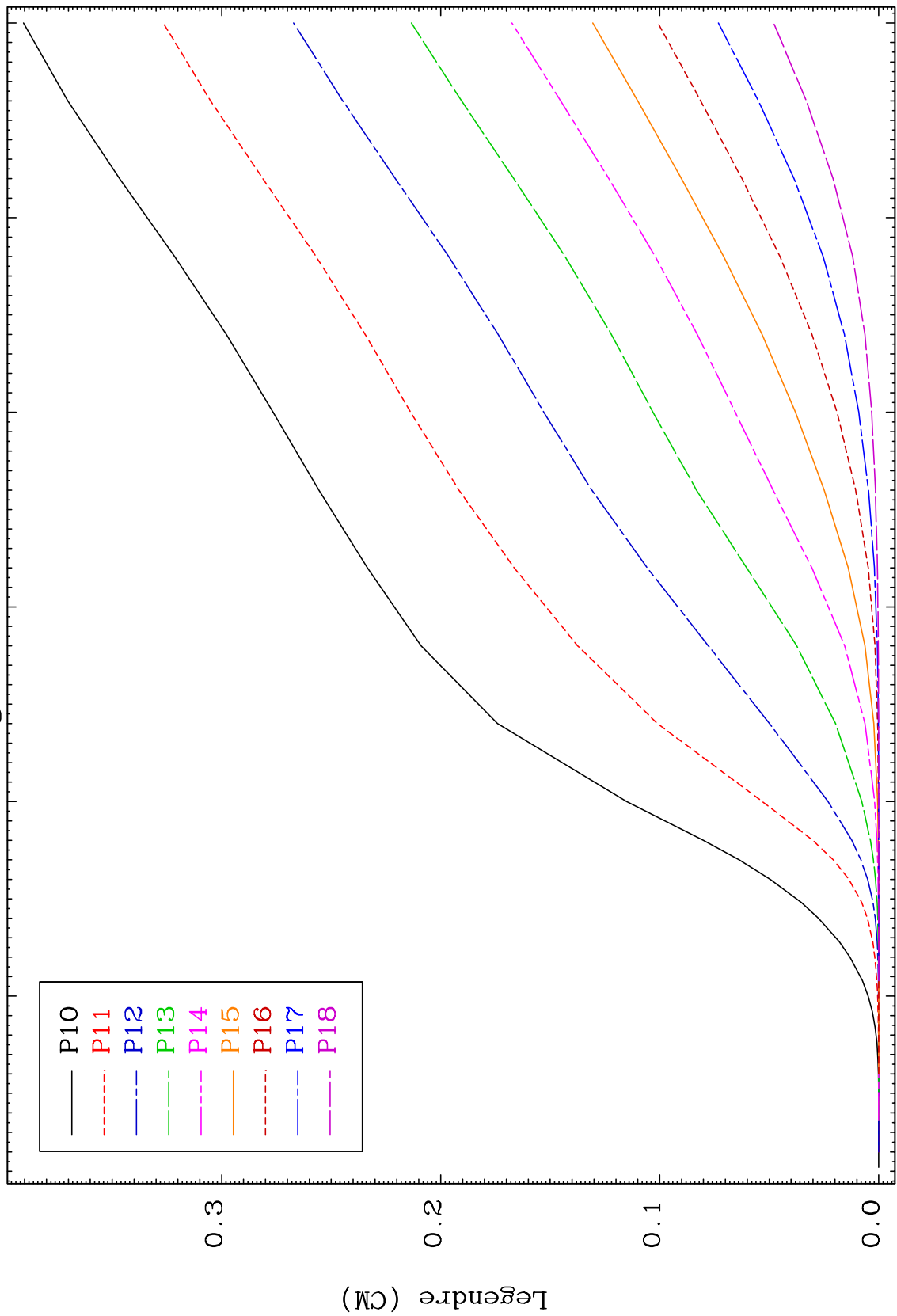
Incident Energy (MeV)

81-T1-183

MAT 8065

Elastic Legendre Coefficients

81-Tl-183



18

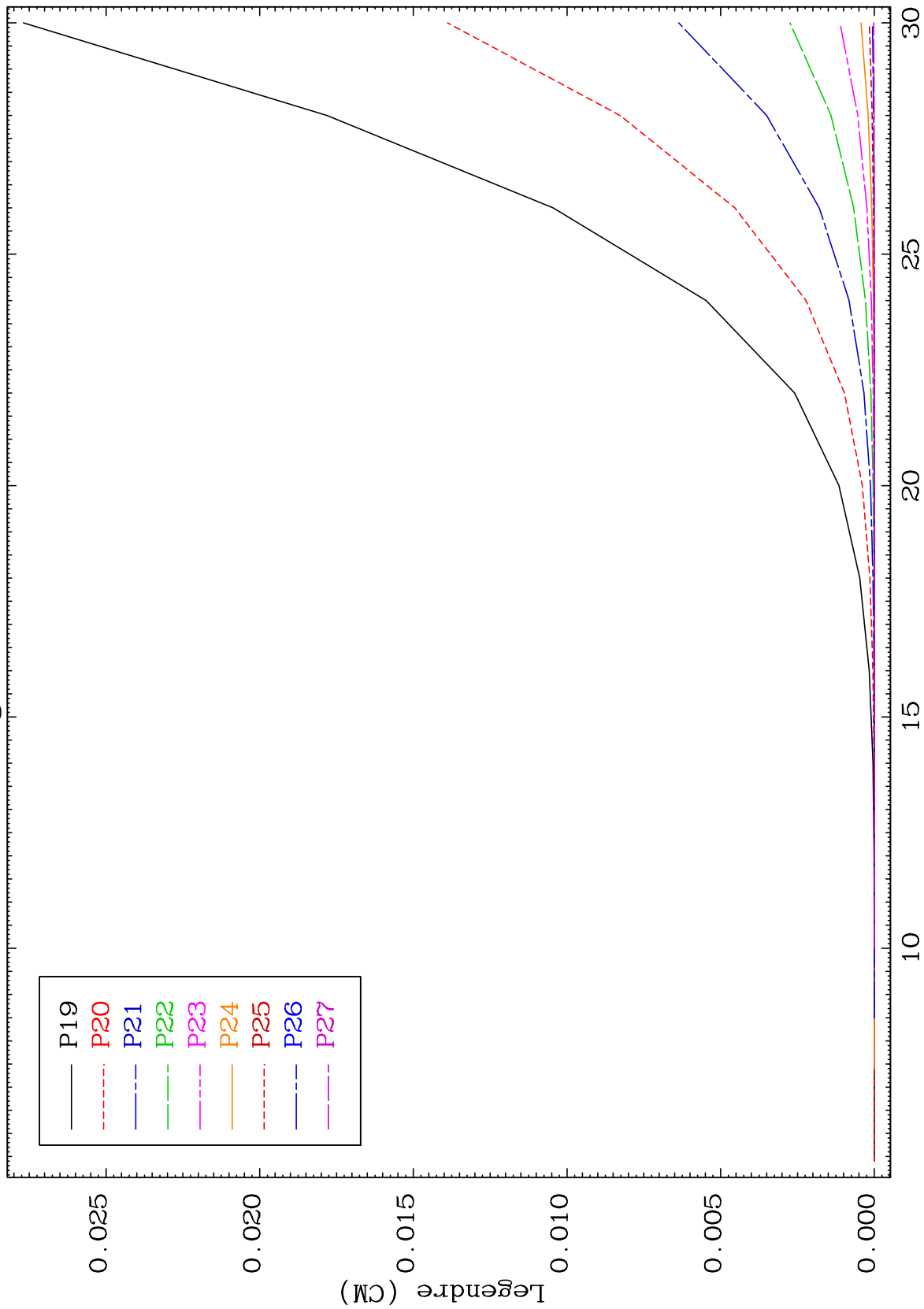
Incident Energy (MeV)

81-Tl-183

MAT 8065

### Elastic Legendre Coefficients

81-T1-183



19

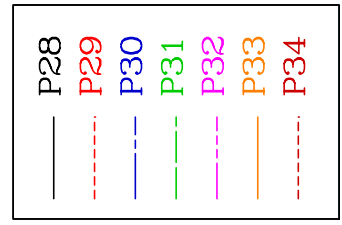
Incident Energy (MeV)

81-T1-183

MAT 8065

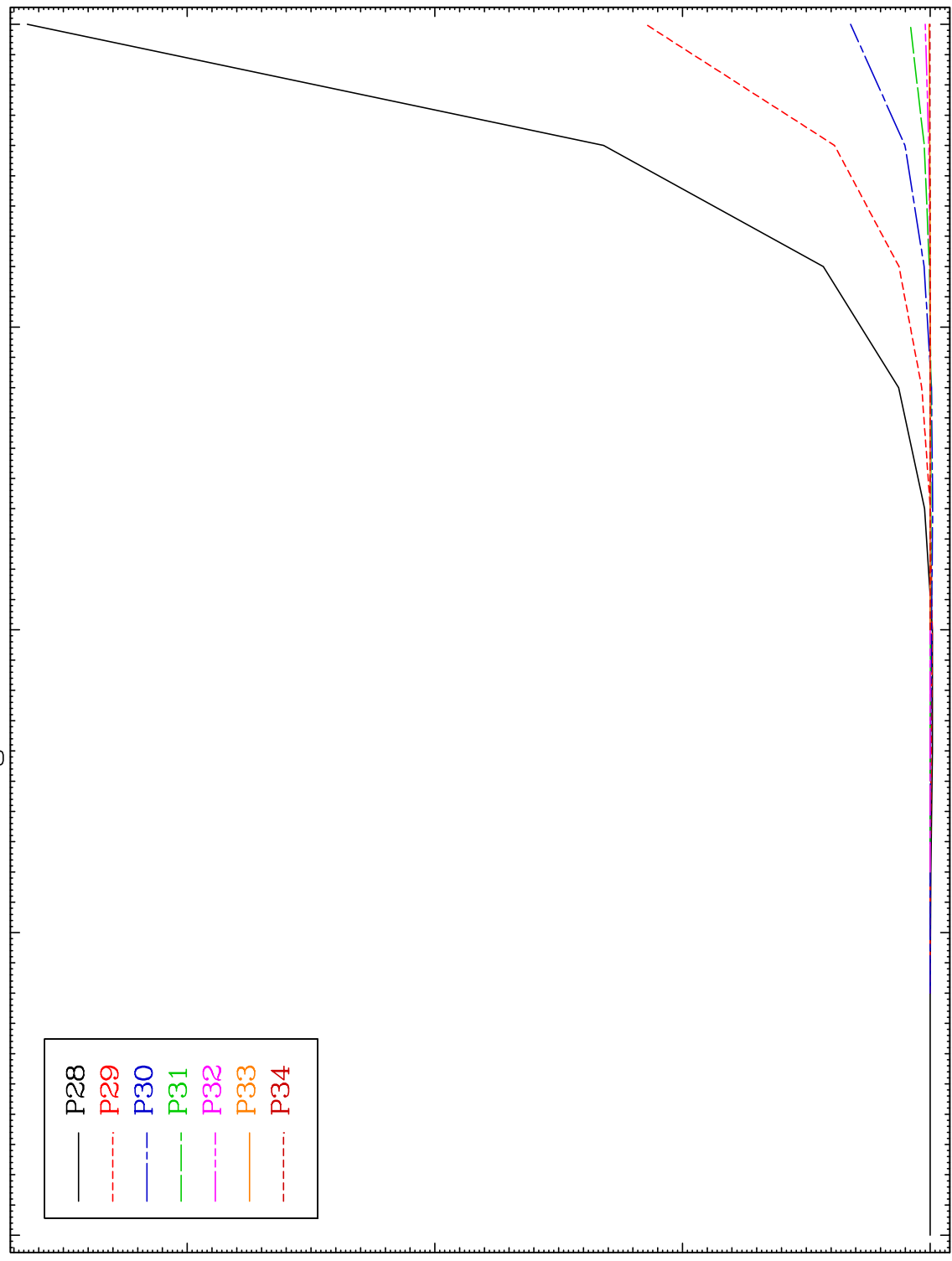
Elastic Legendre Coefficients

81-T1-183



$\times 10^{-6}$

Legendre (CM)



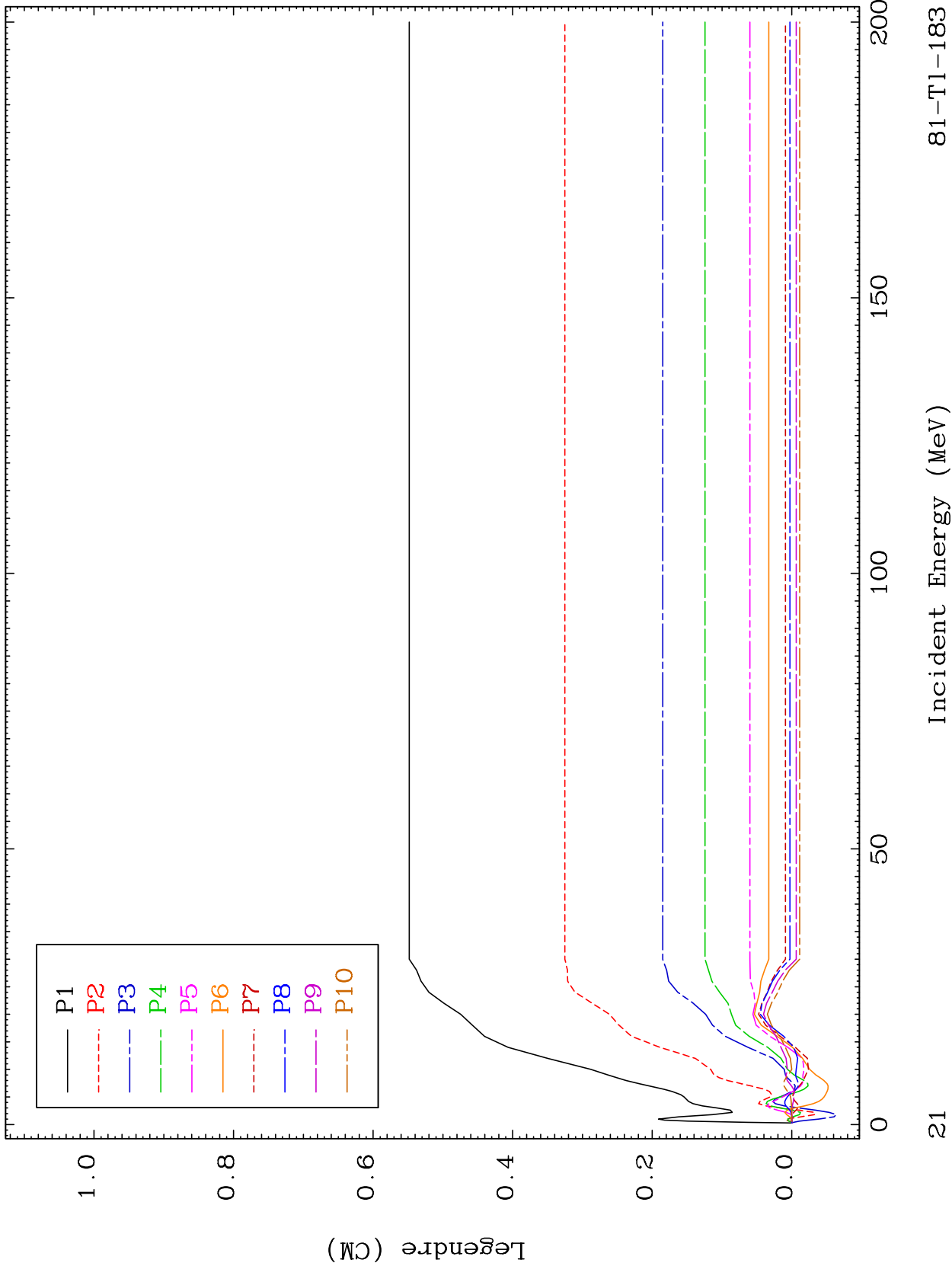
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



81-Tl-183

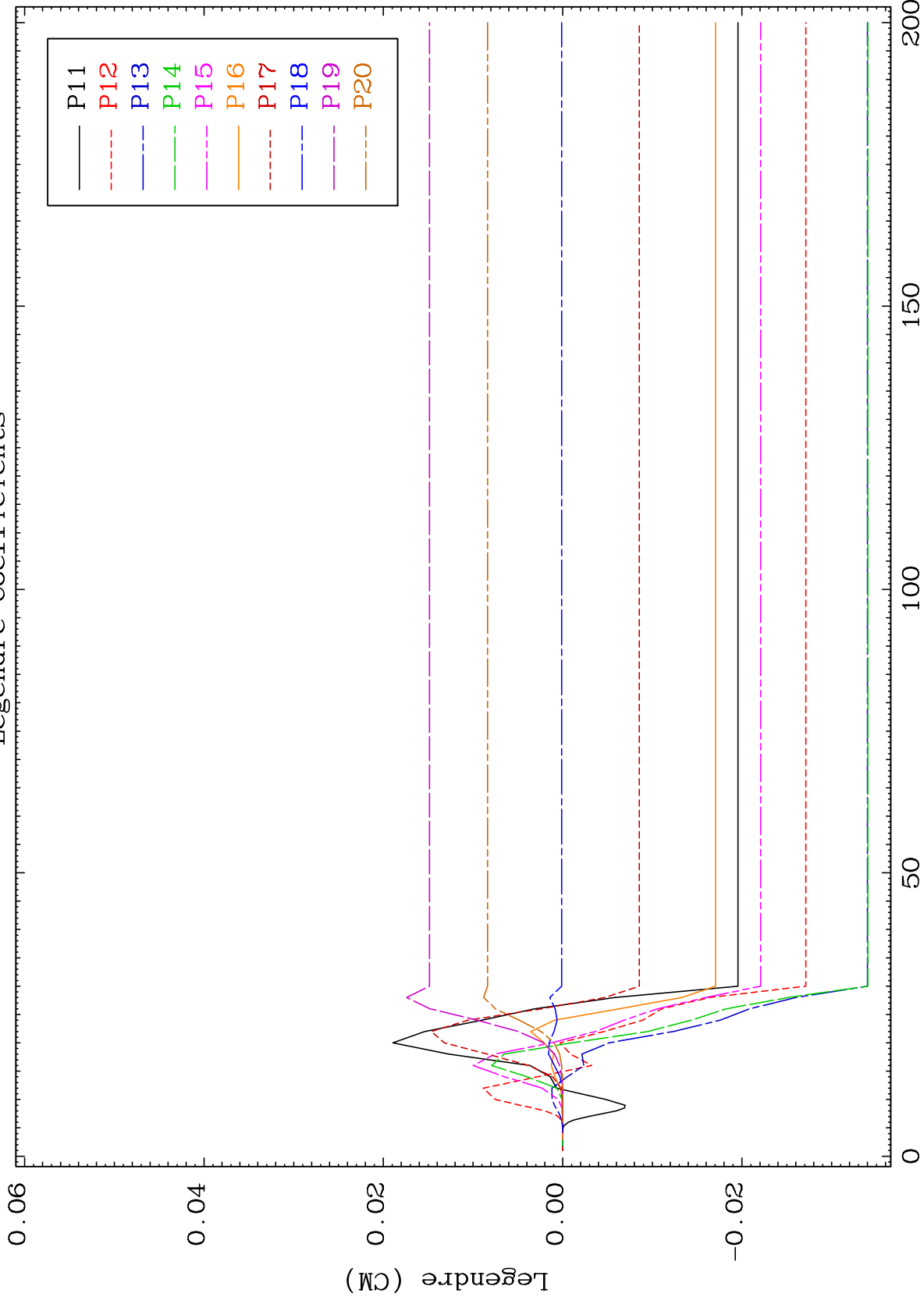
Incident Energy (MeV)

21

MAT 8065

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

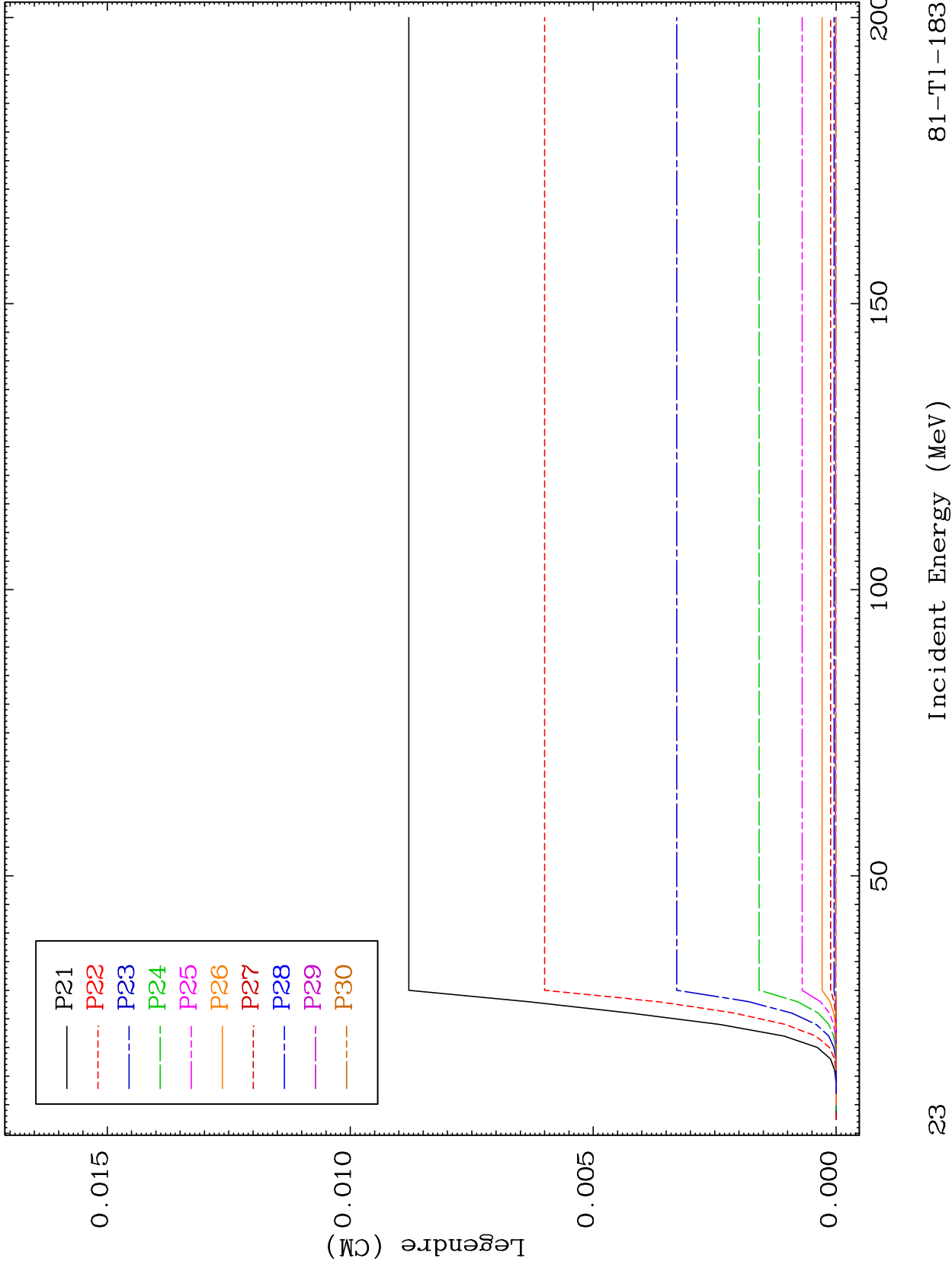
81-Tl-183



22

Incident Energy (MeV)

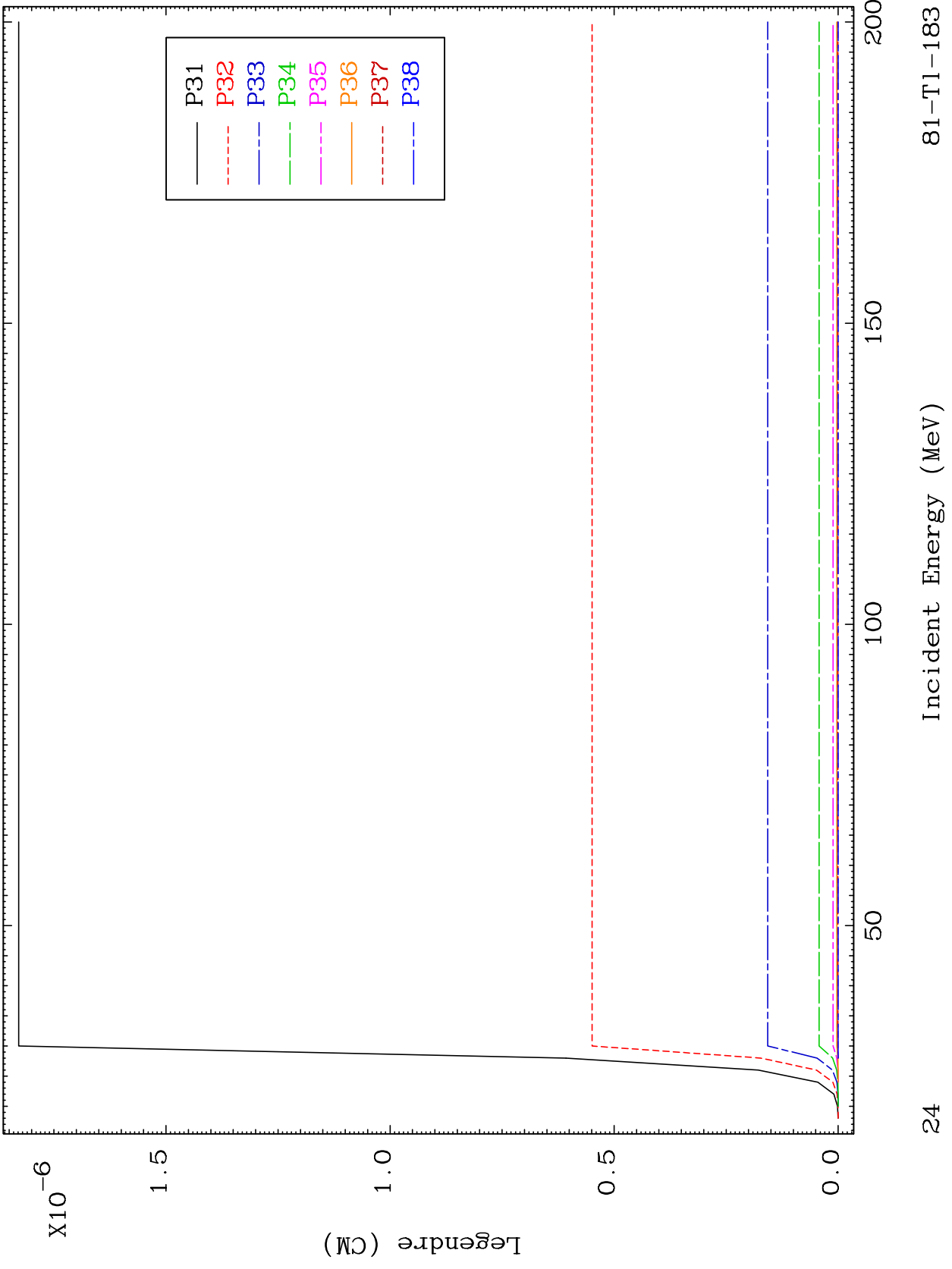
81-Tl-183



MAT 8065

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

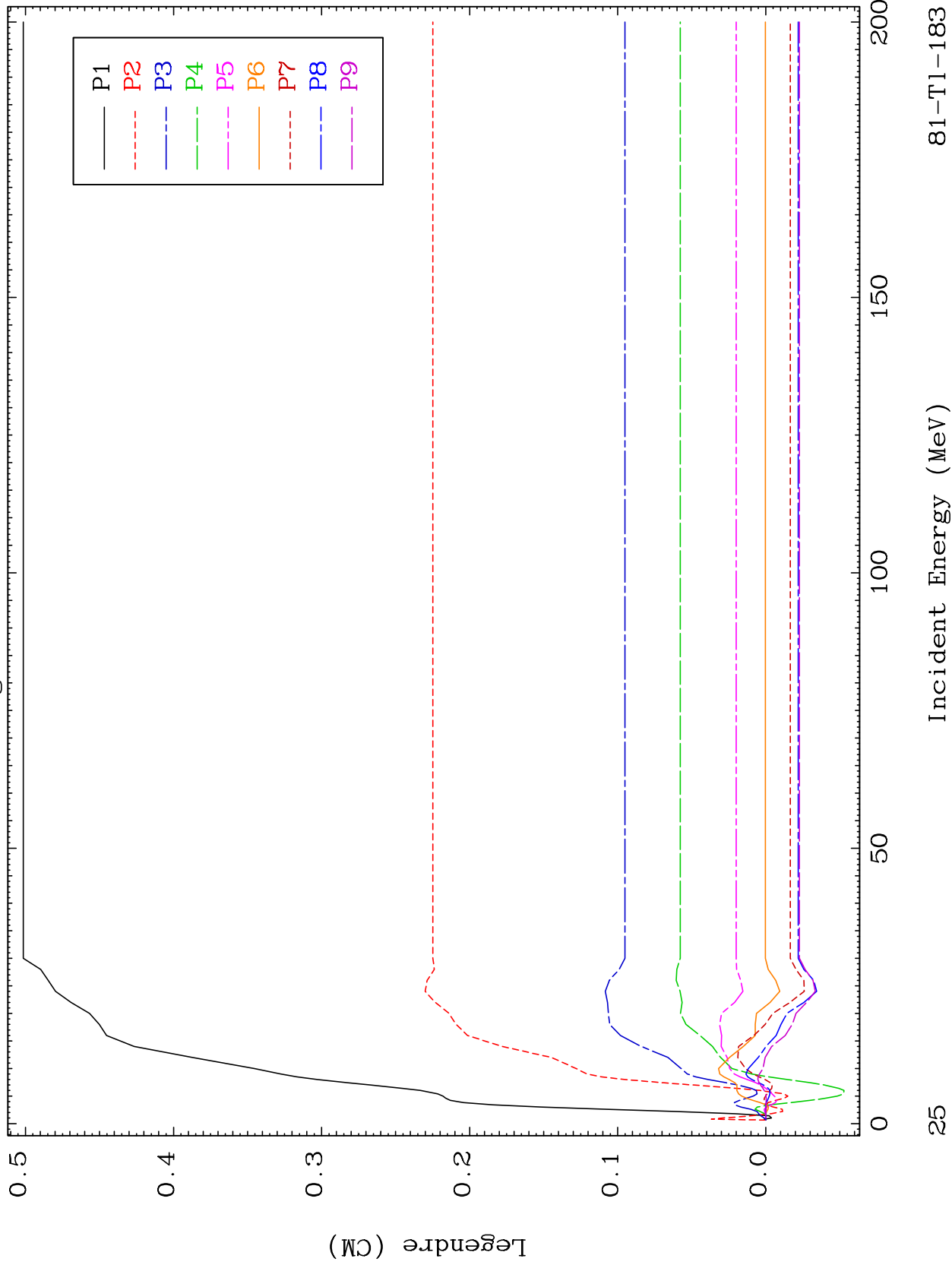
81-Tl-183



MAT 8065

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

81-T1-183



81-T1-183

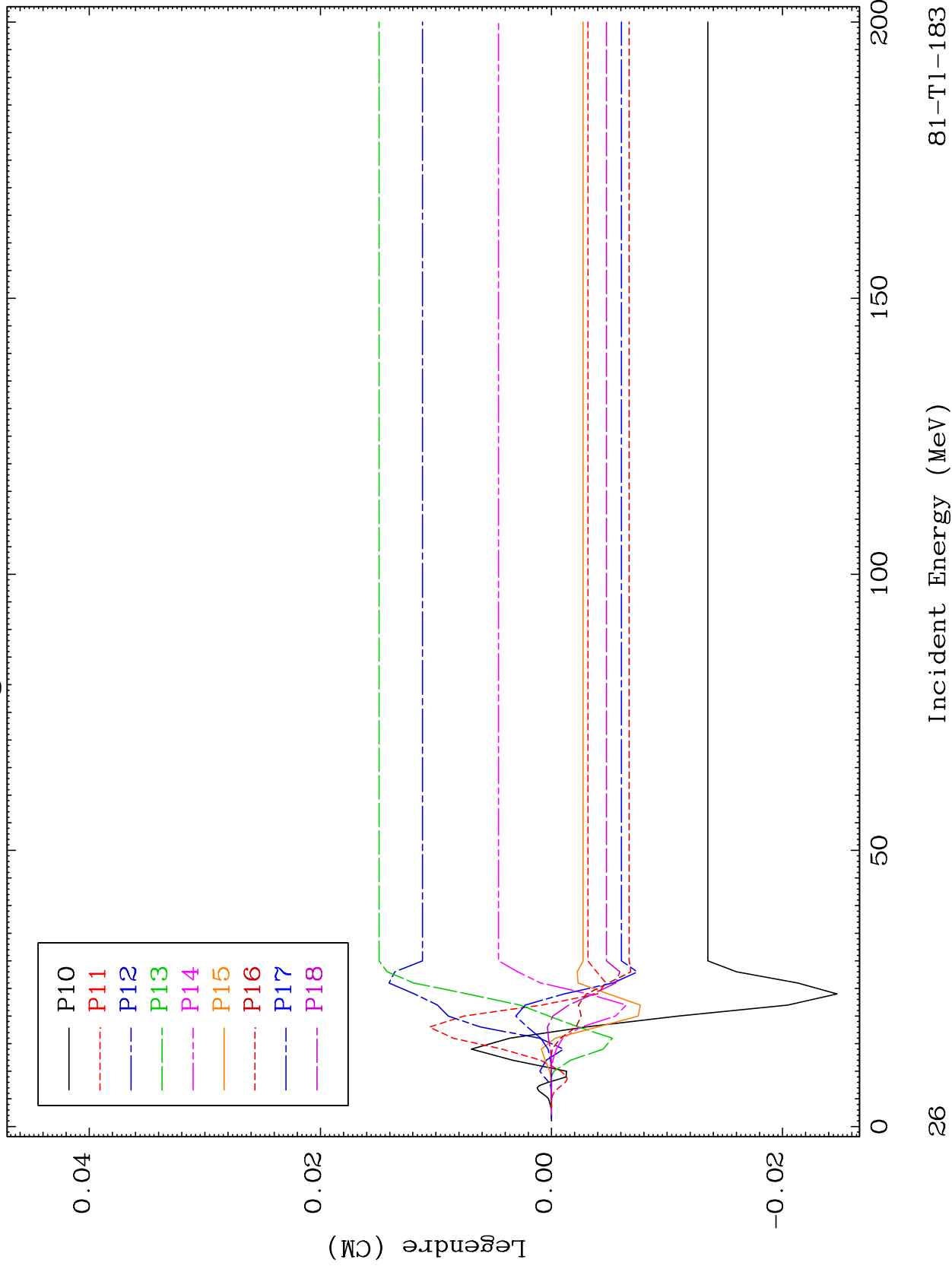
Incident Energy (MeV)

25

MAT 8065

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

81-Tl-183

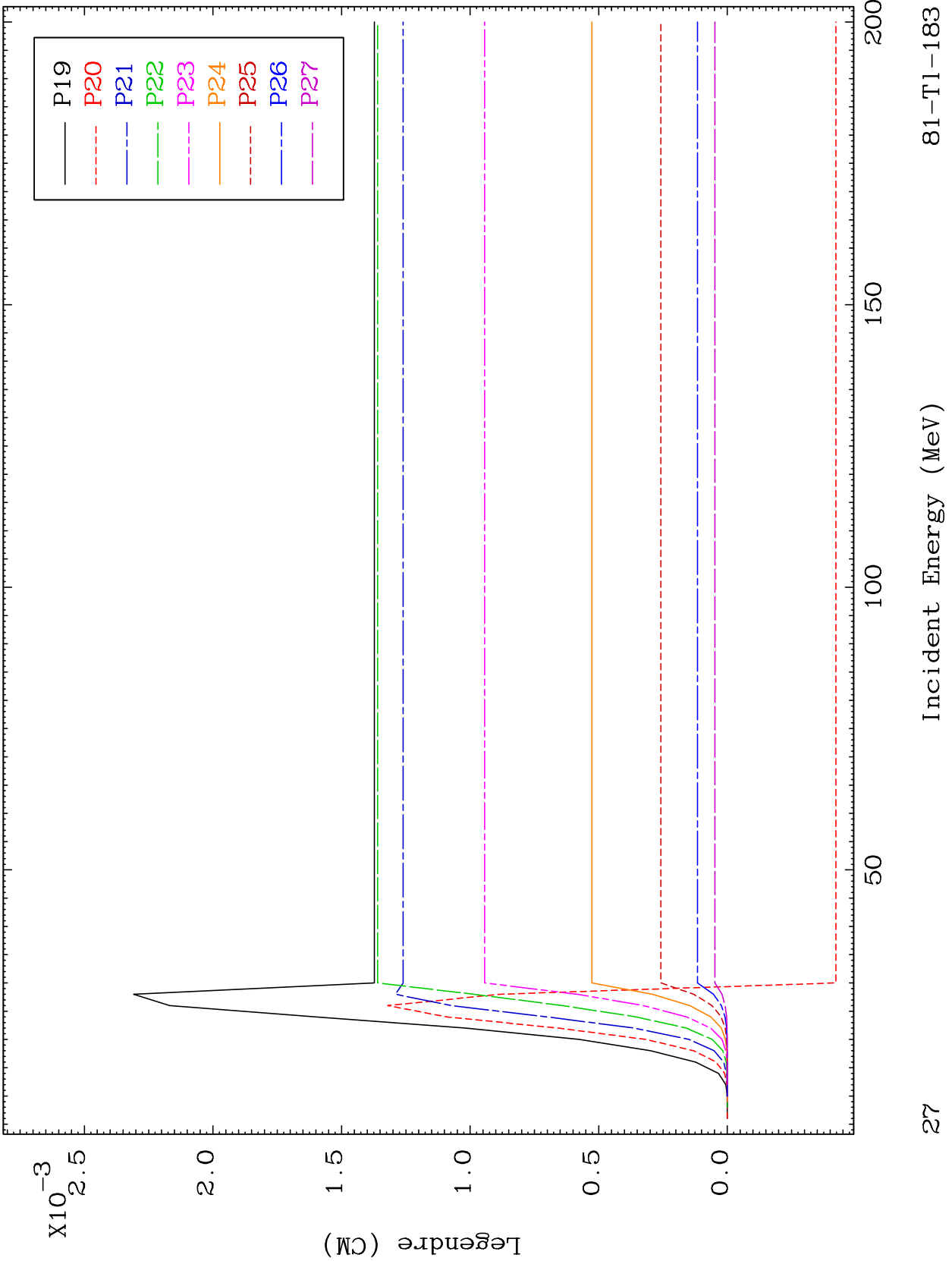


26

MAT 8065

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

81-T1-183



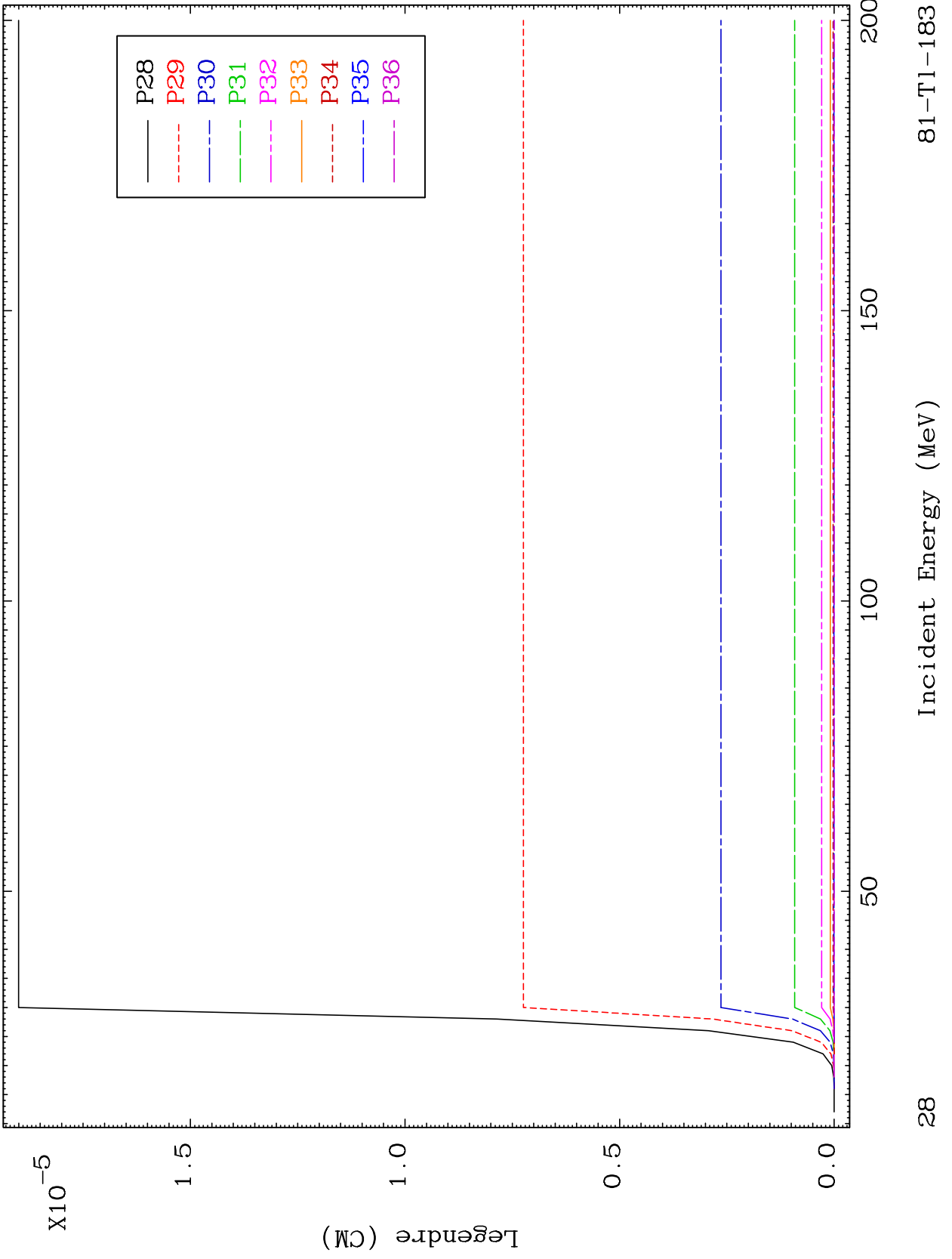
27

81-T1-183

MAT 8065

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

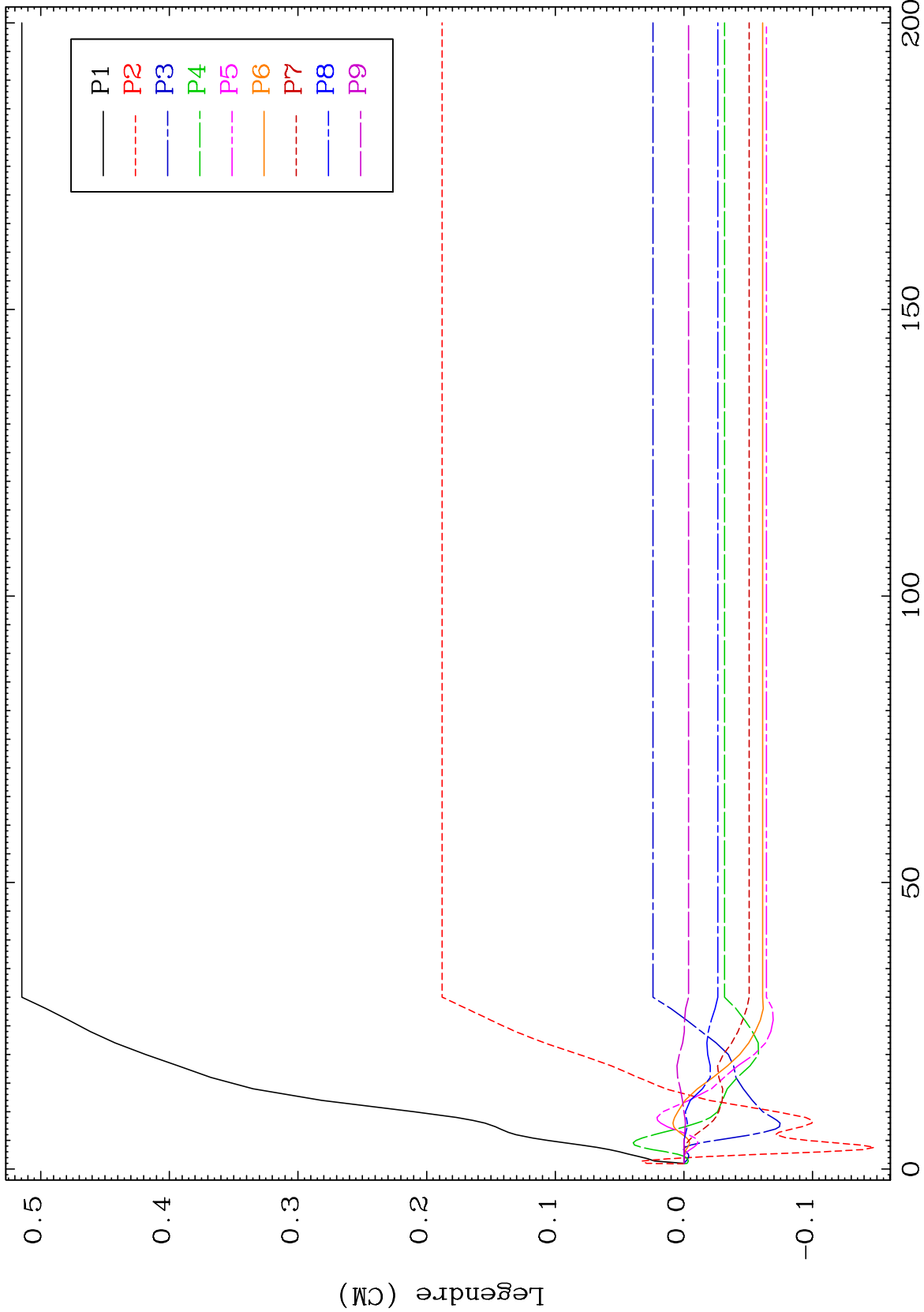
81-Tl-183



MAT 8065

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

81-Tl-183



29

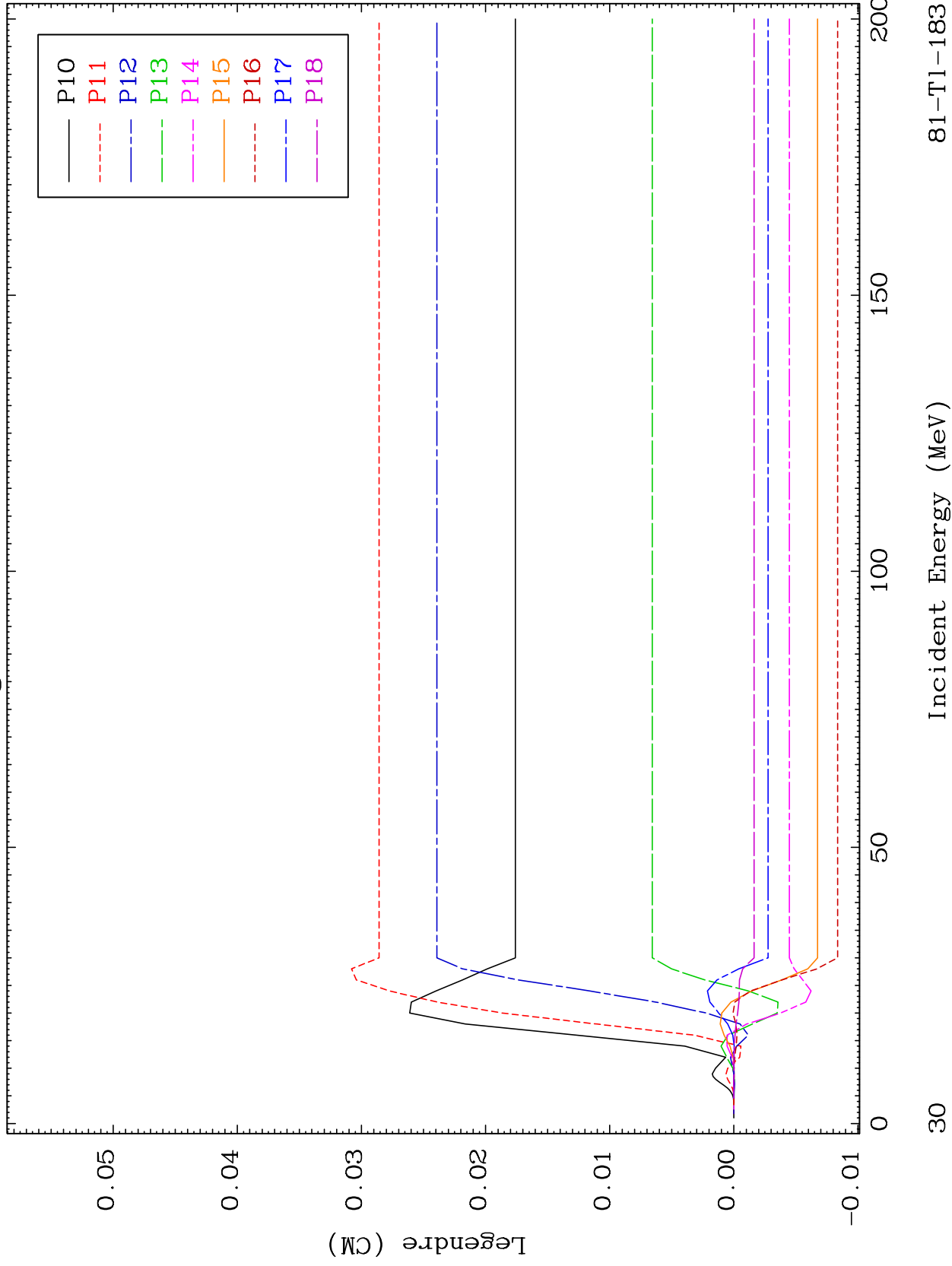
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

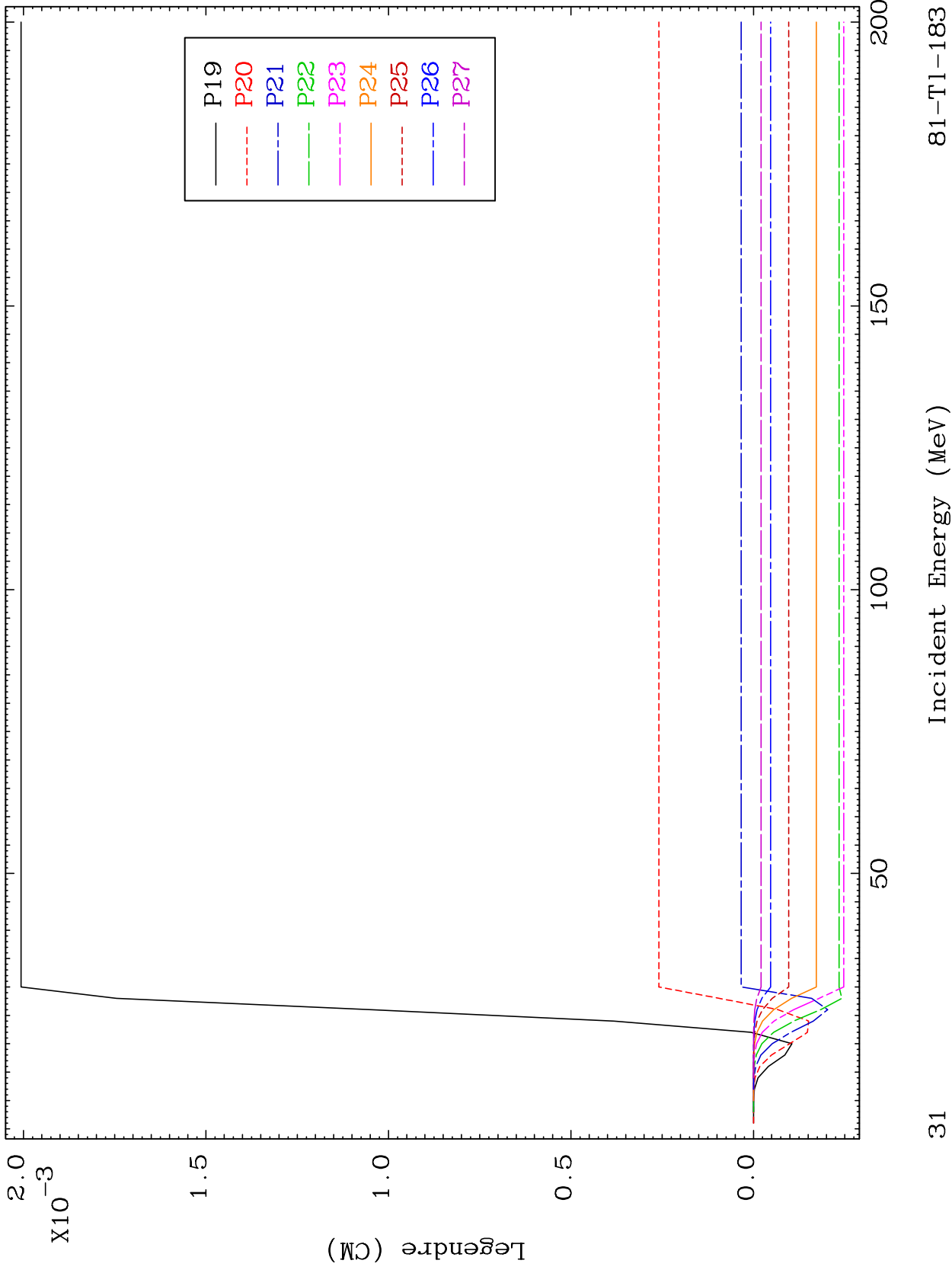
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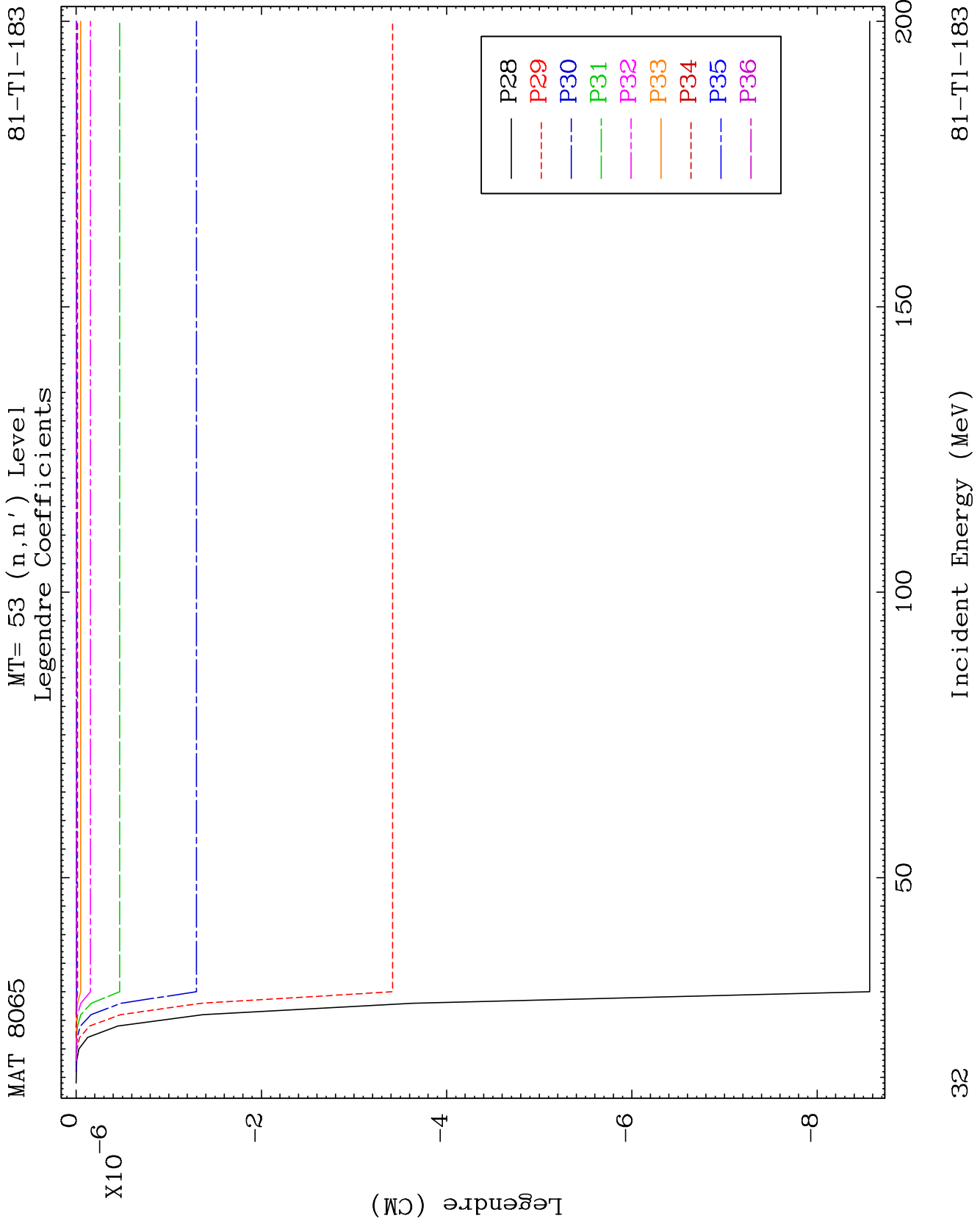


81-Tl-183

Incident Energy (MeV)

30



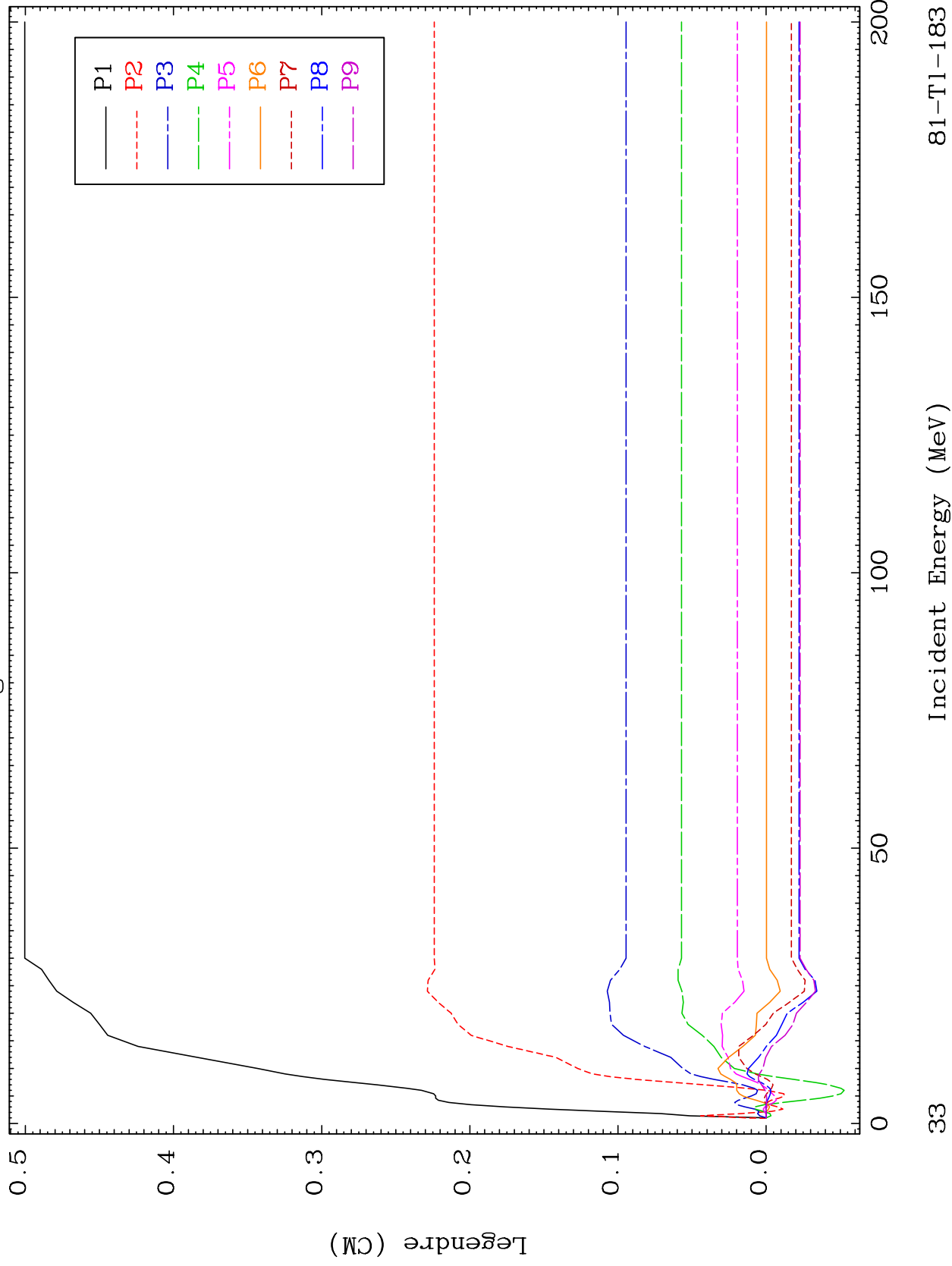


MAT 8065

MT= 54 (n,n') Level

81-Tl-183

Legendre Coefficients



33

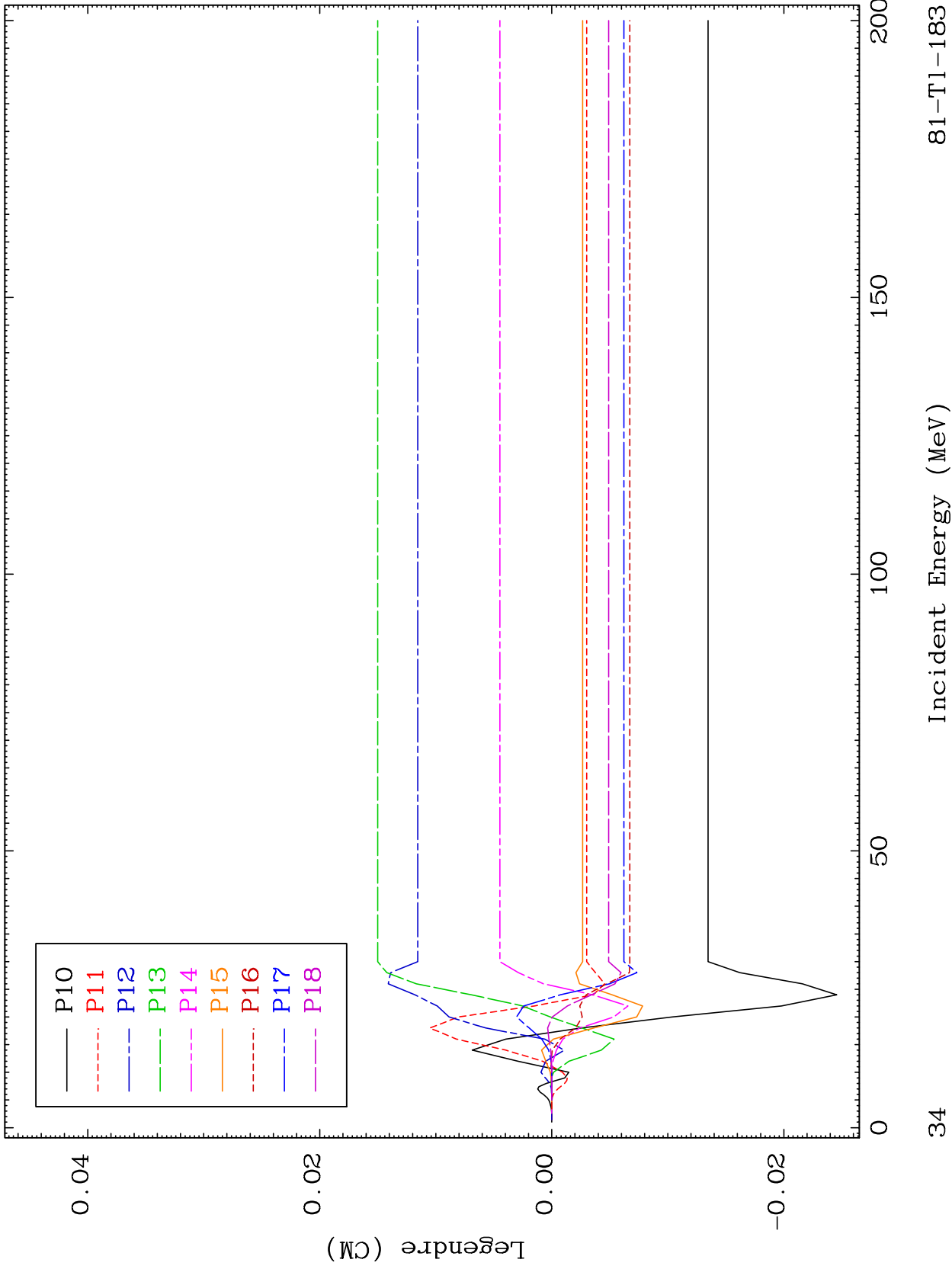
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



34

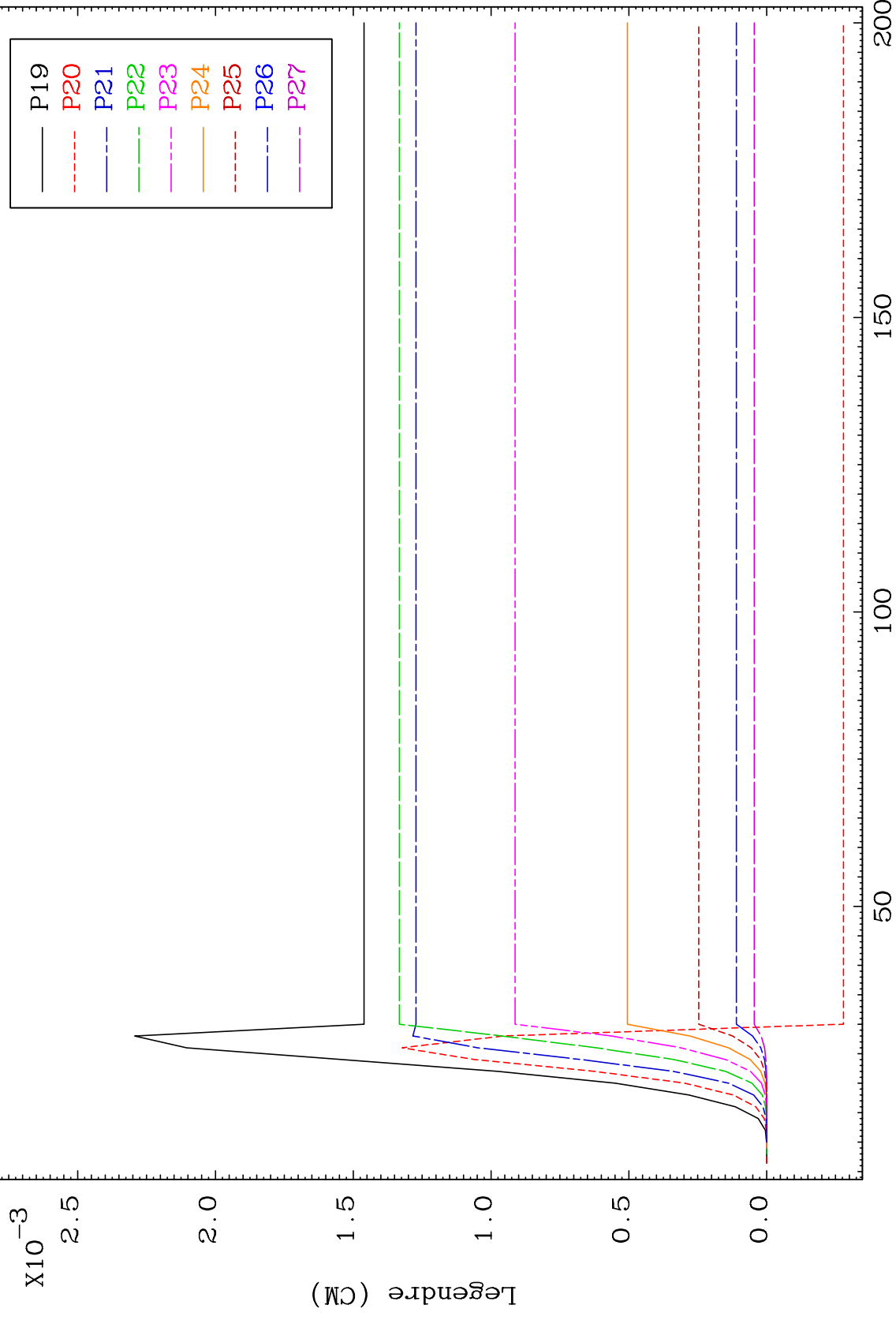
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



35

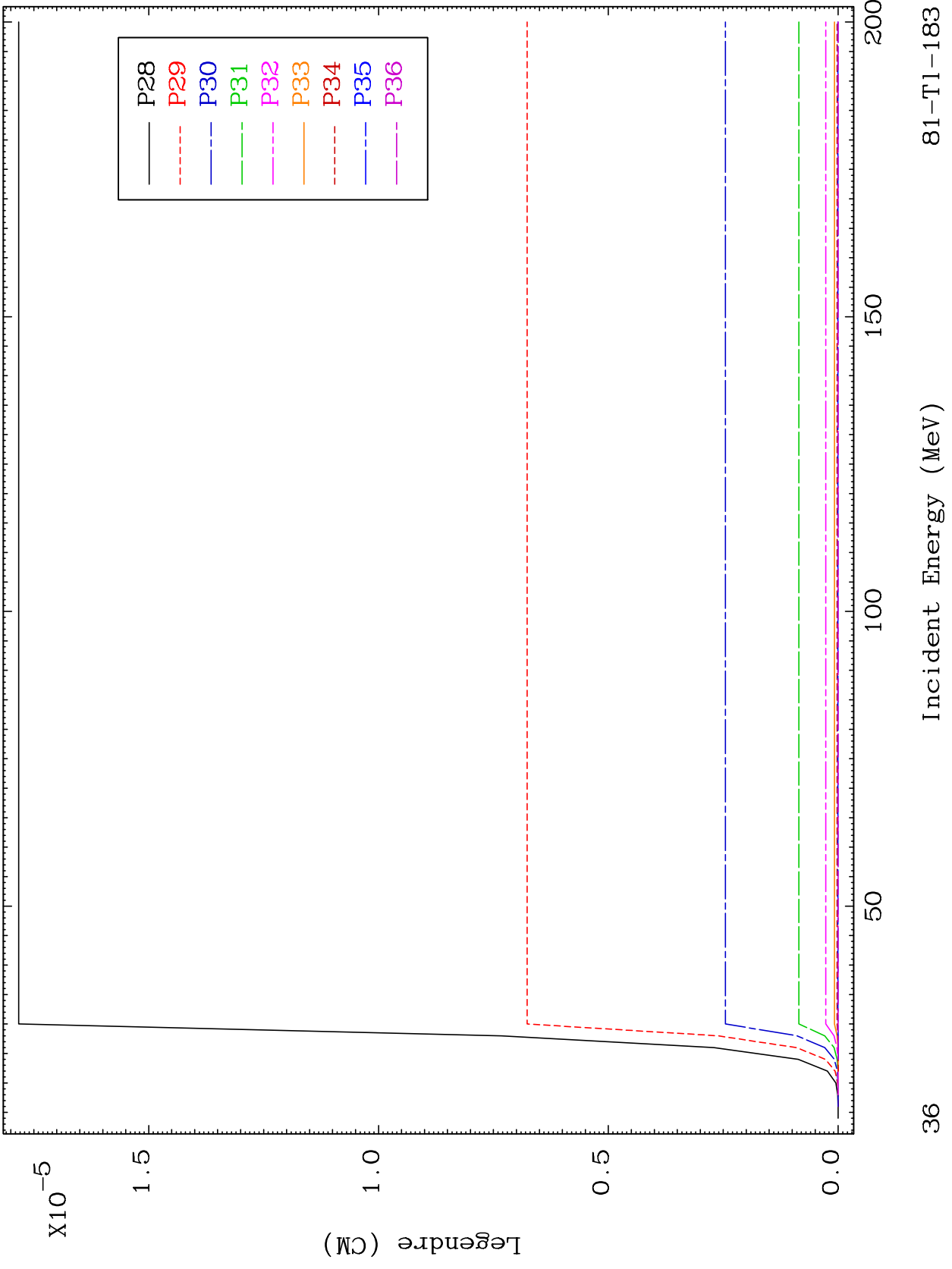
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



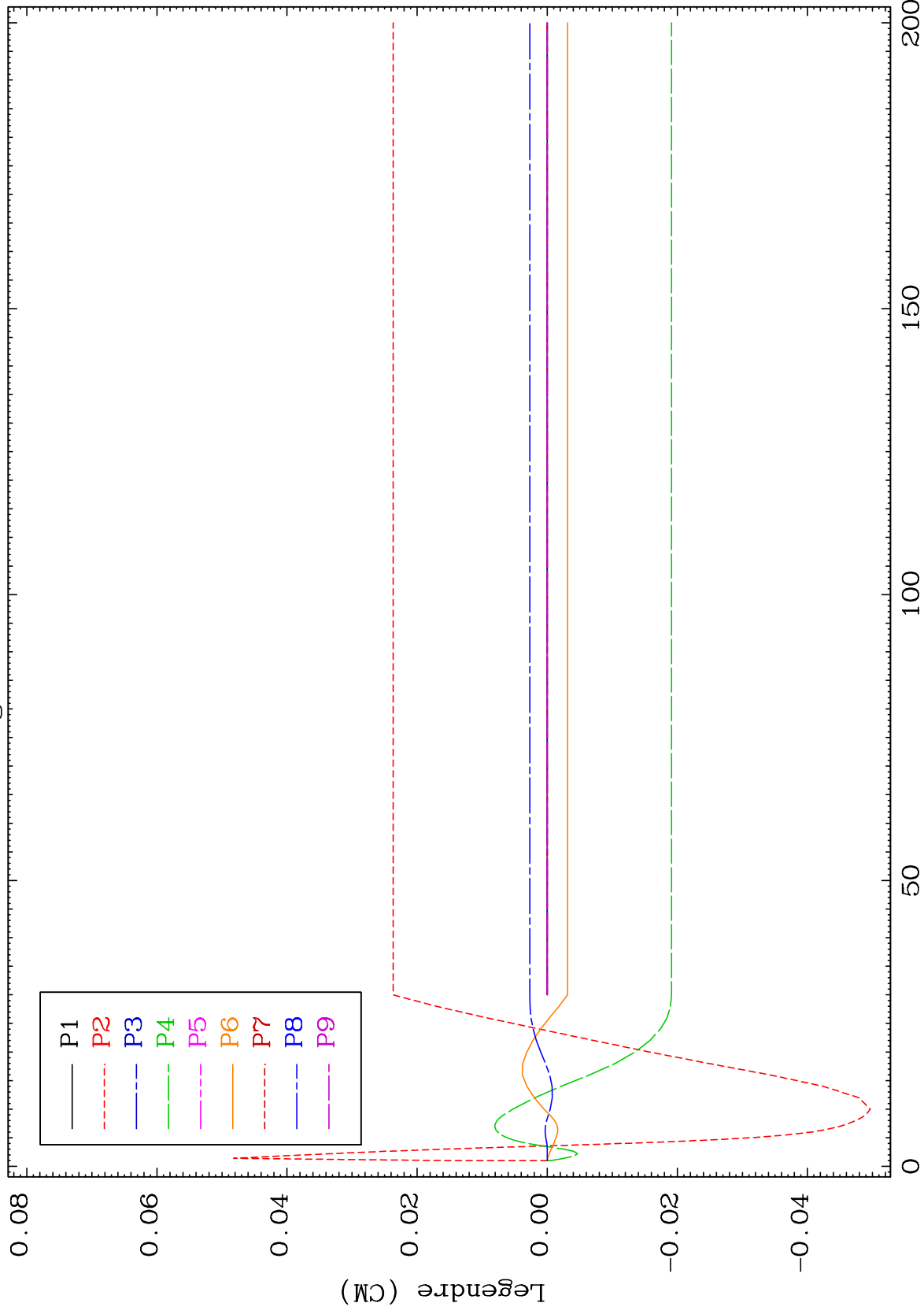
36

81-Tl-183

MAT 8065

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

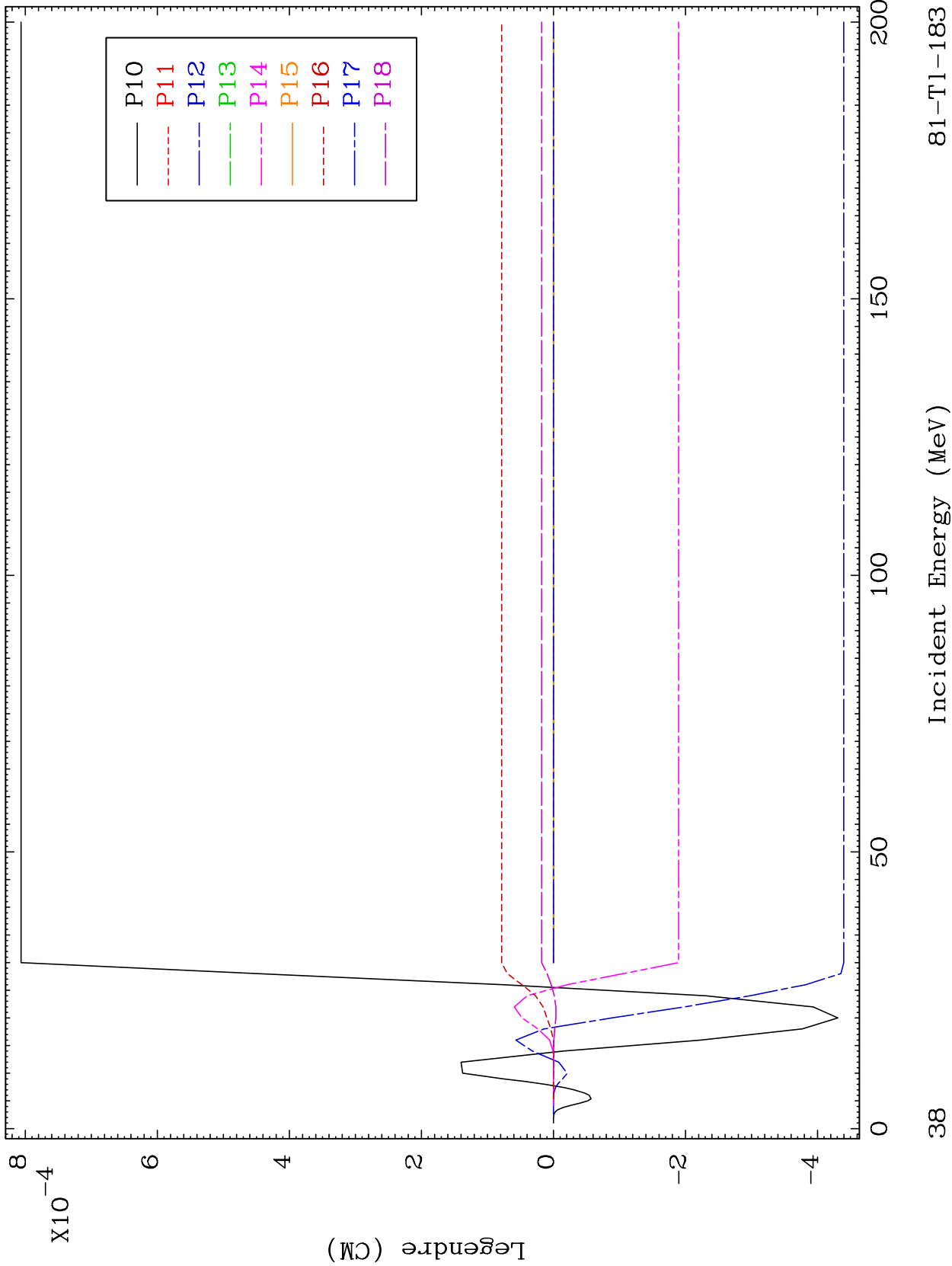
81-Tl-183



37

Incident Energy (MeV)

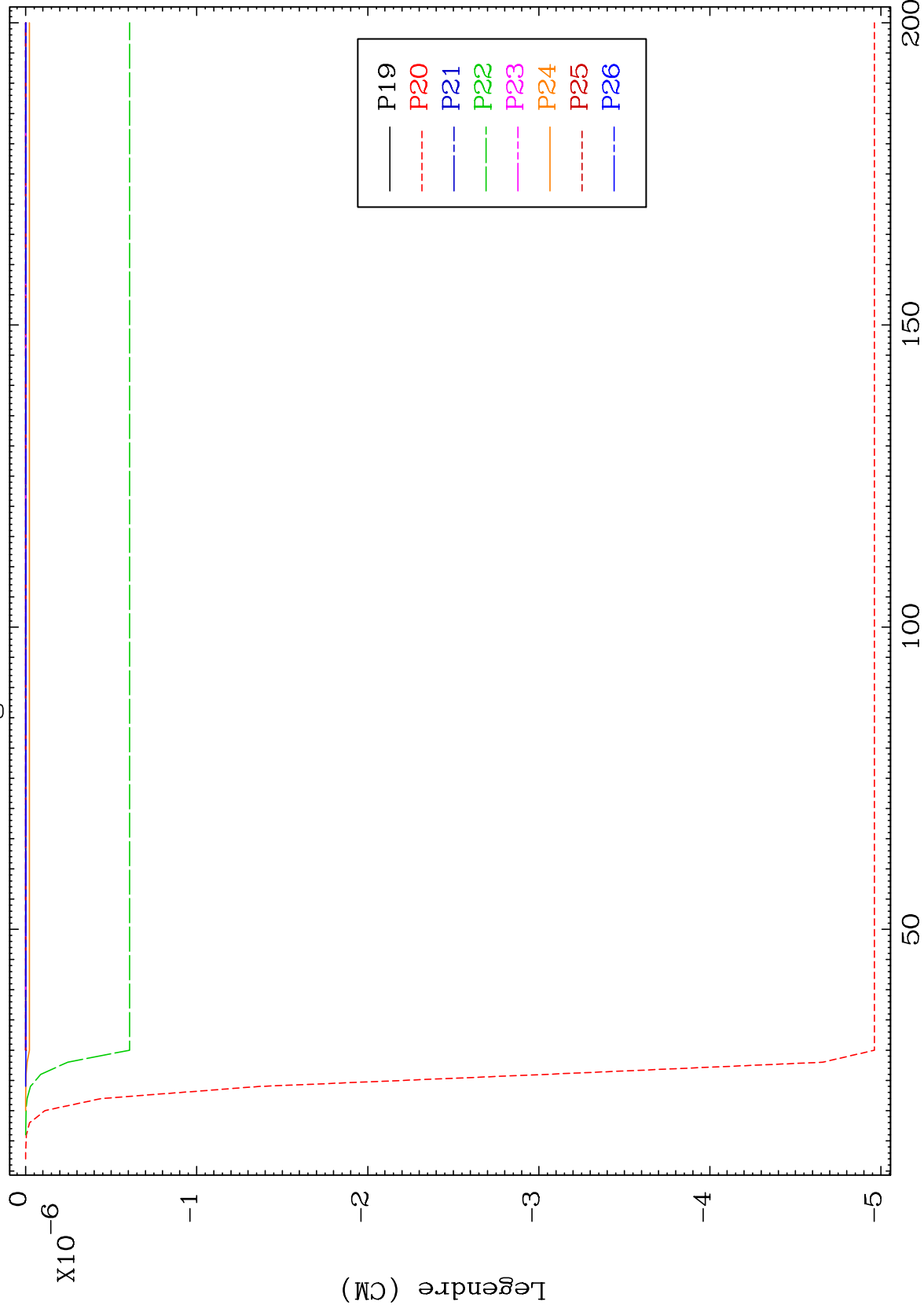
81-Tl-183



MAT 8065

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

81-T1-183



39

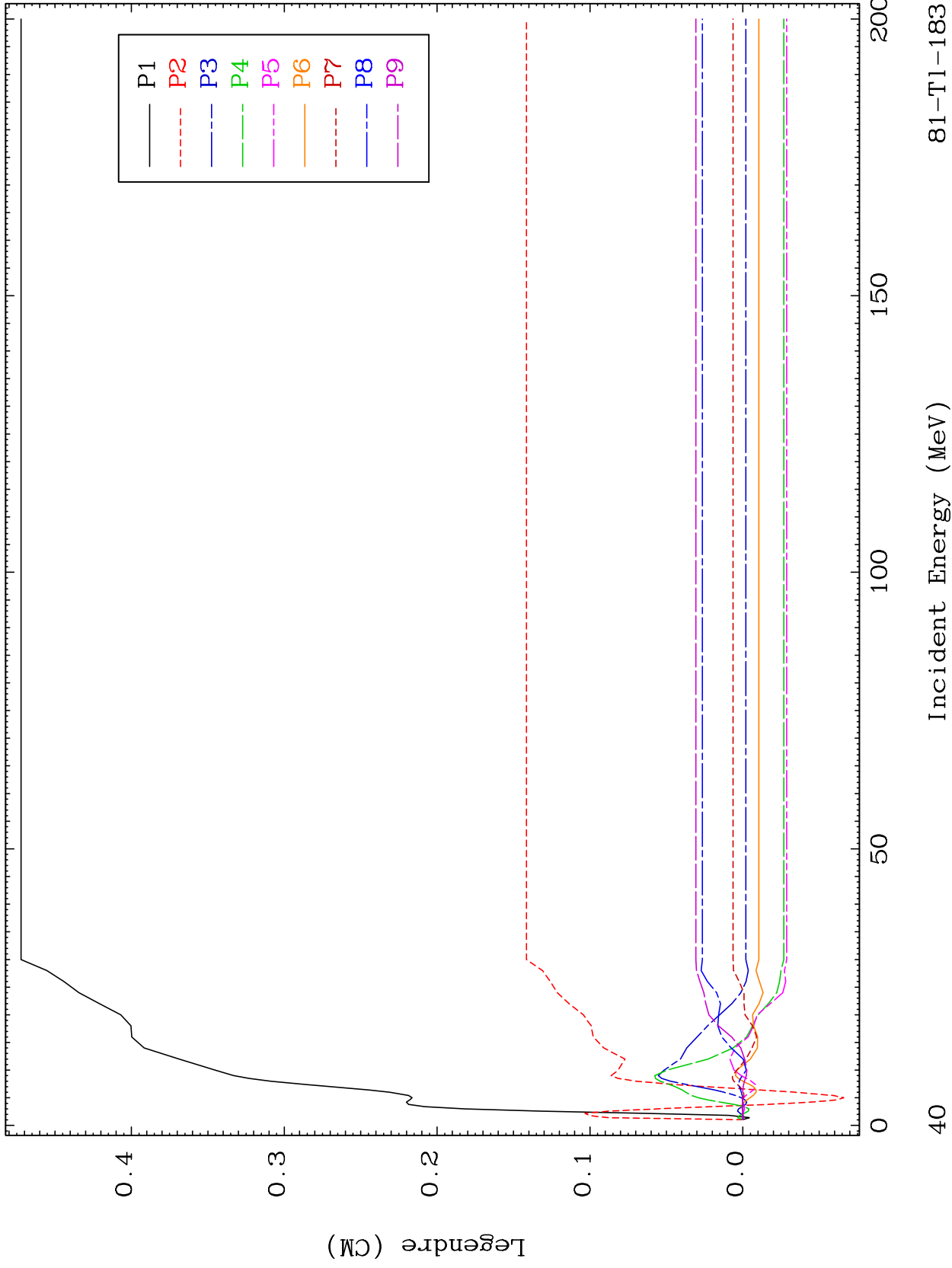
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-T1-183

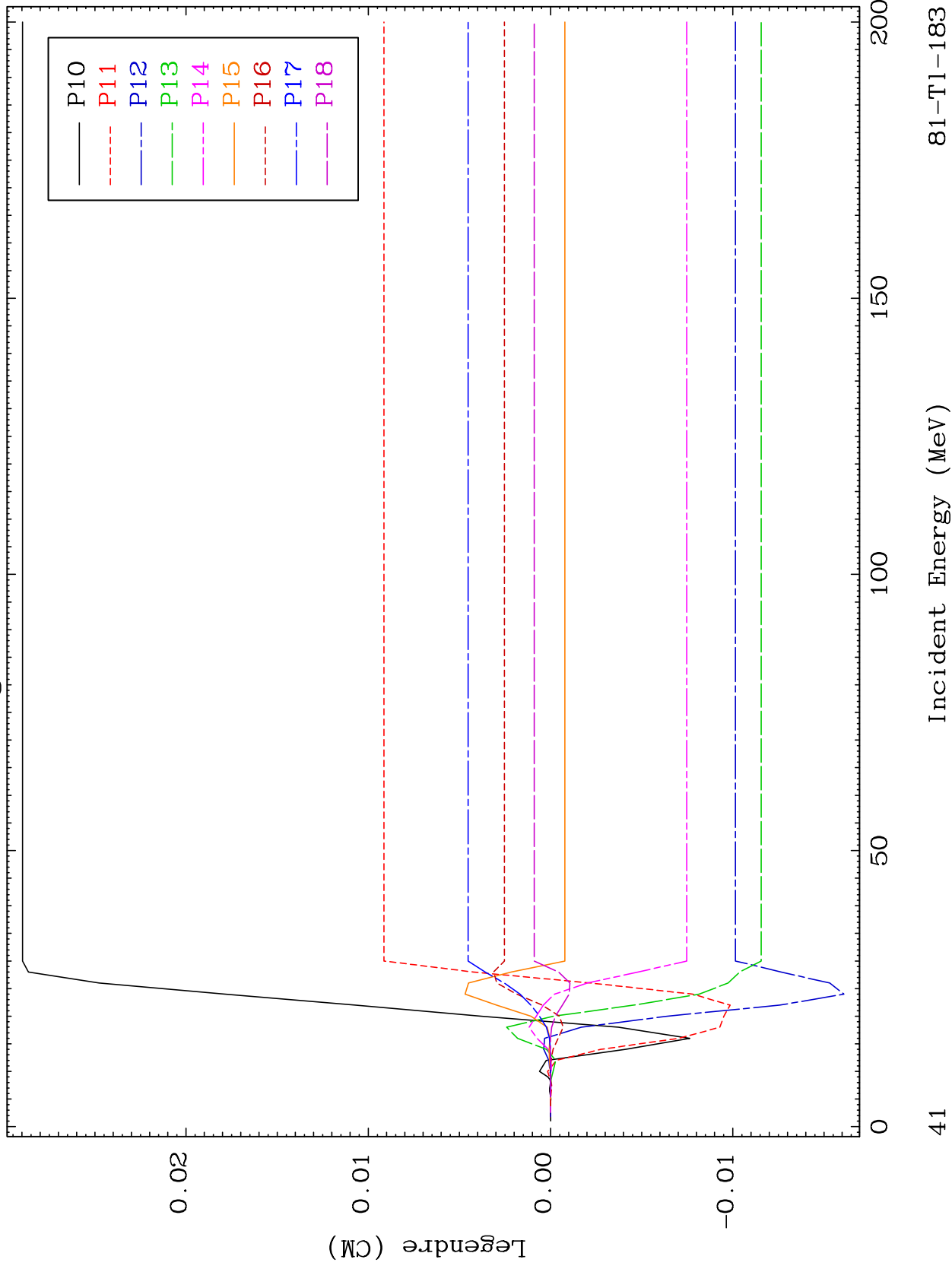


81-T1-183

MAT 8065

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

81-Tl-183



81-Tl-183

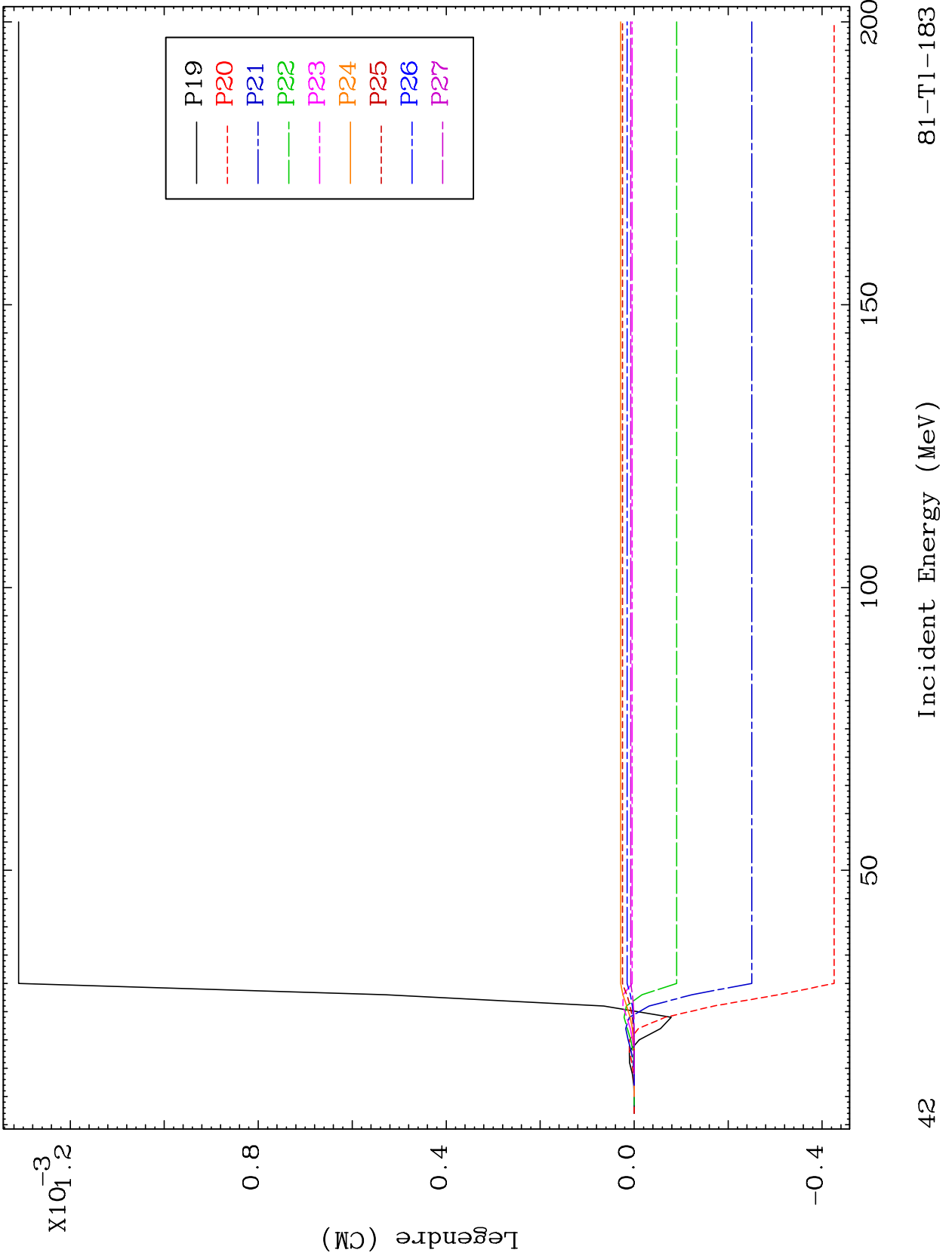
Incident Energy (MeV)

41

MAT 8065

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

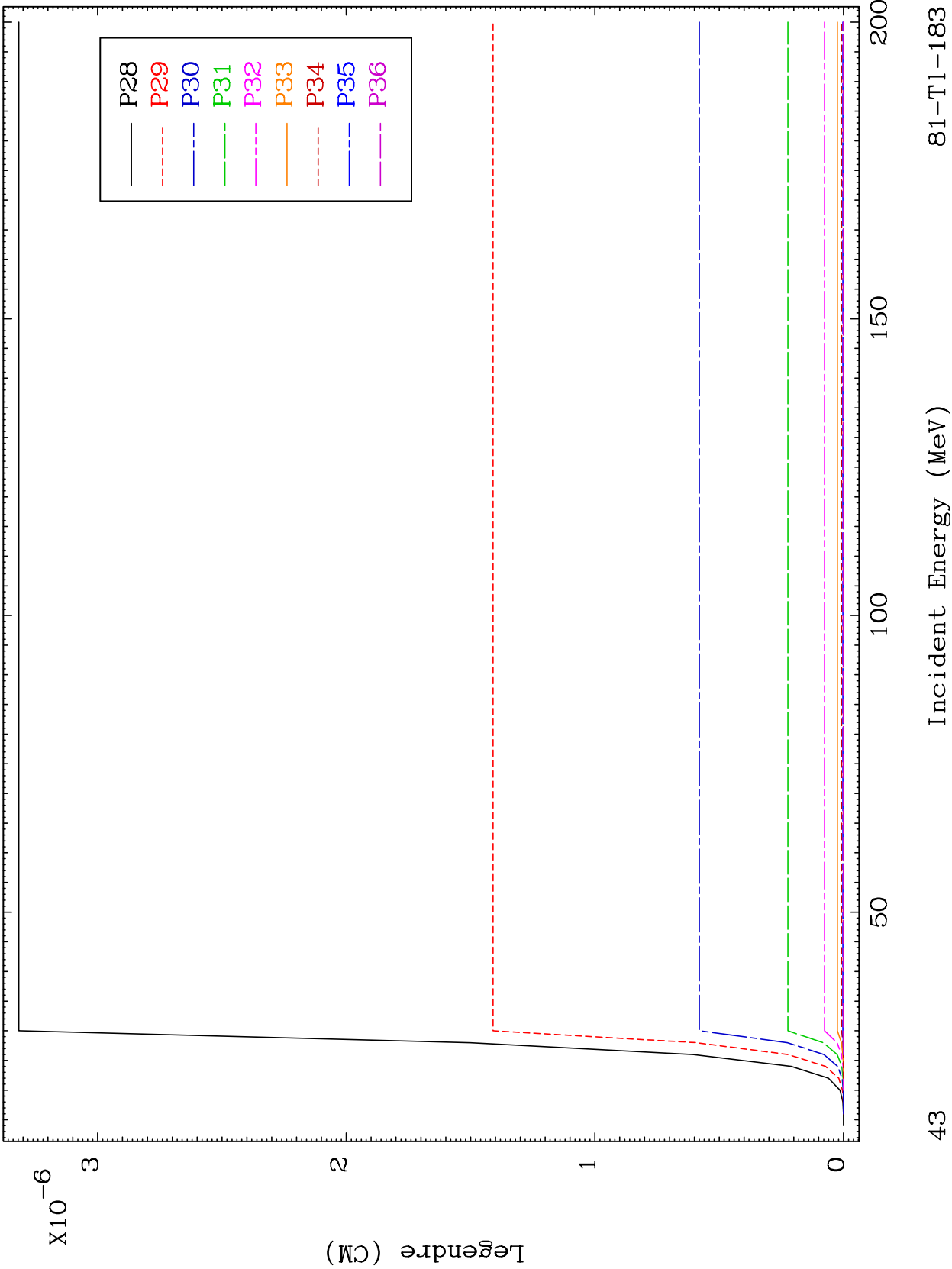
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MAT 8065

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

81-T1-183



43

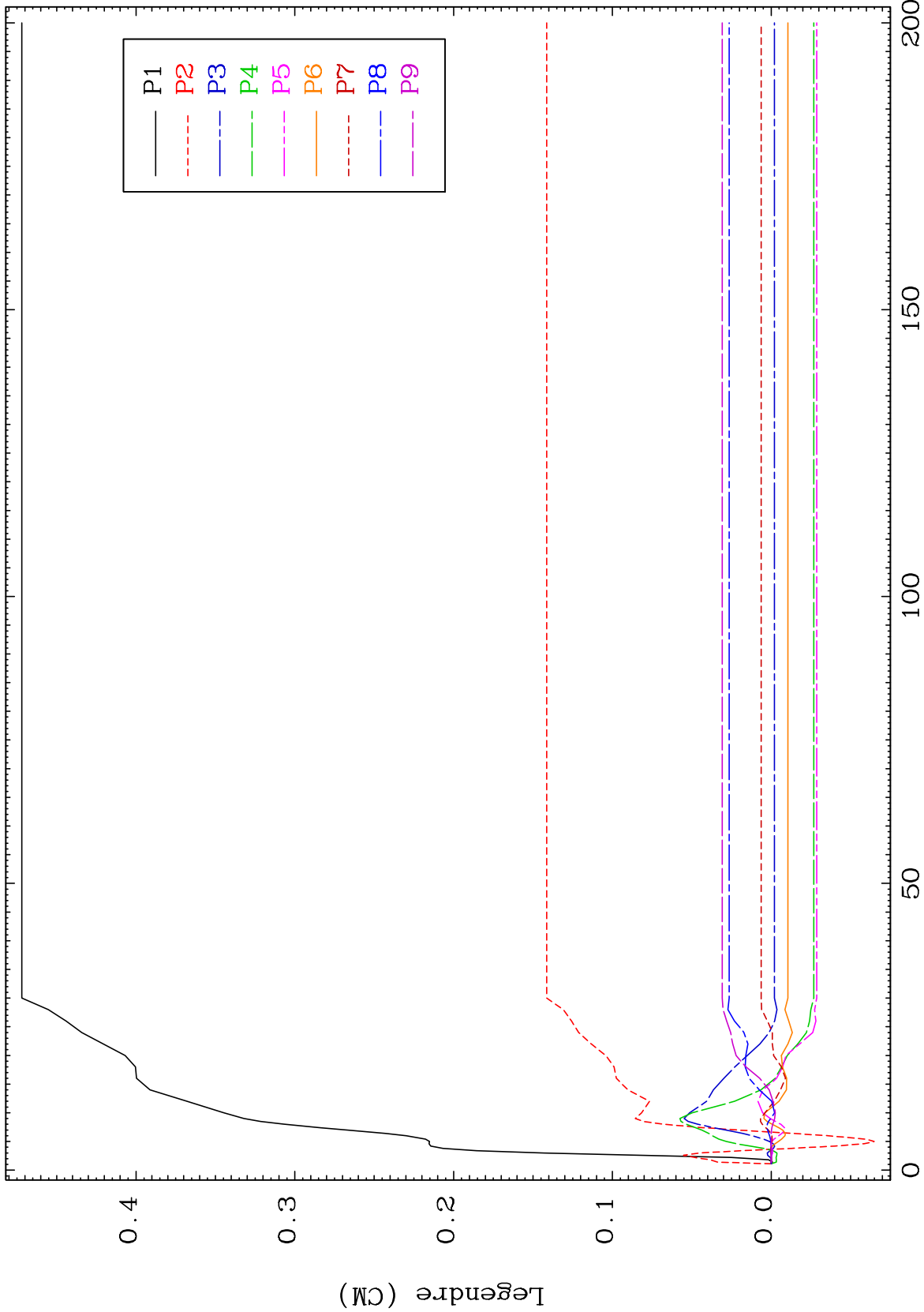
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-T1-183



44

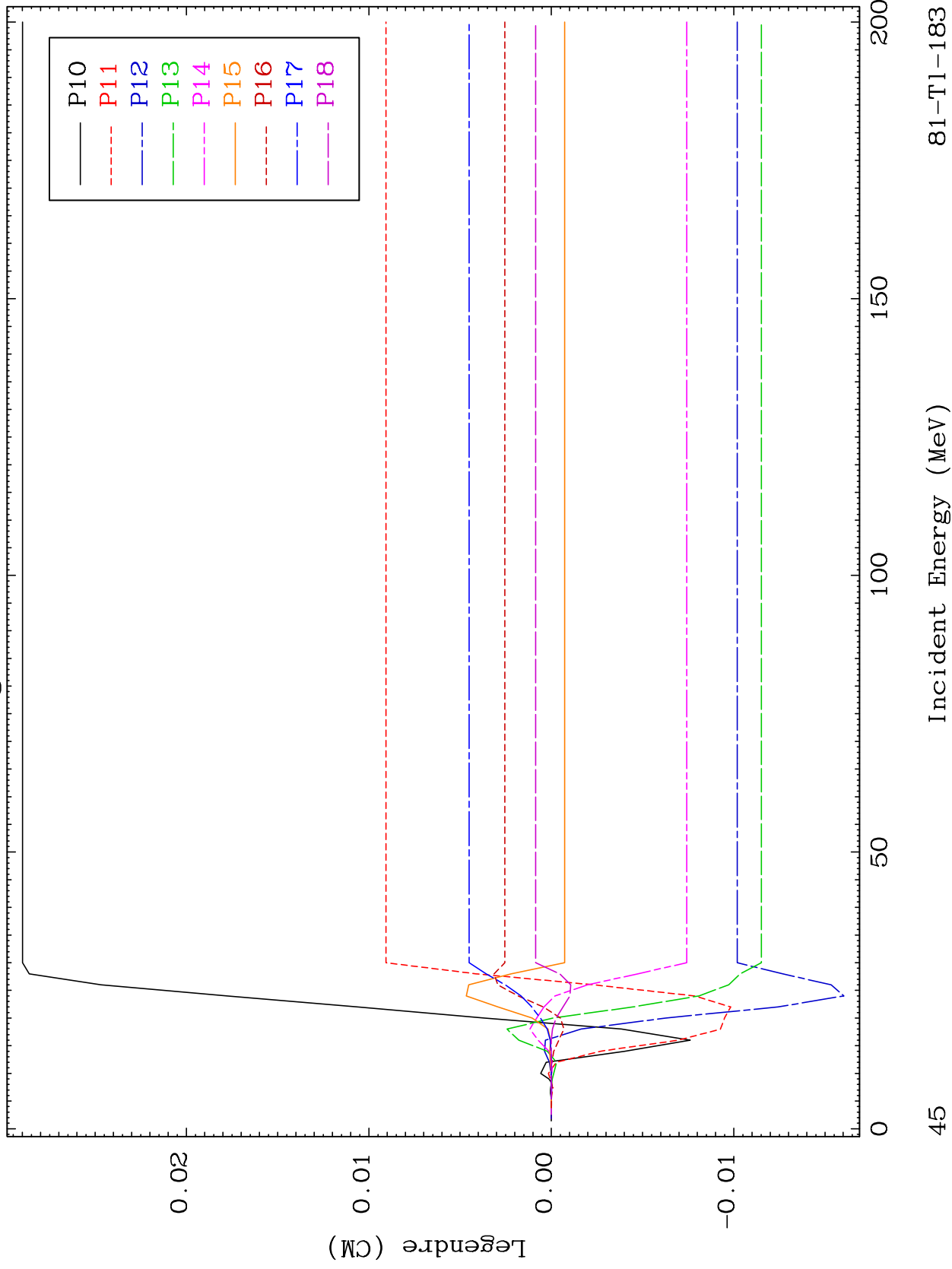
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



81-Tl-183

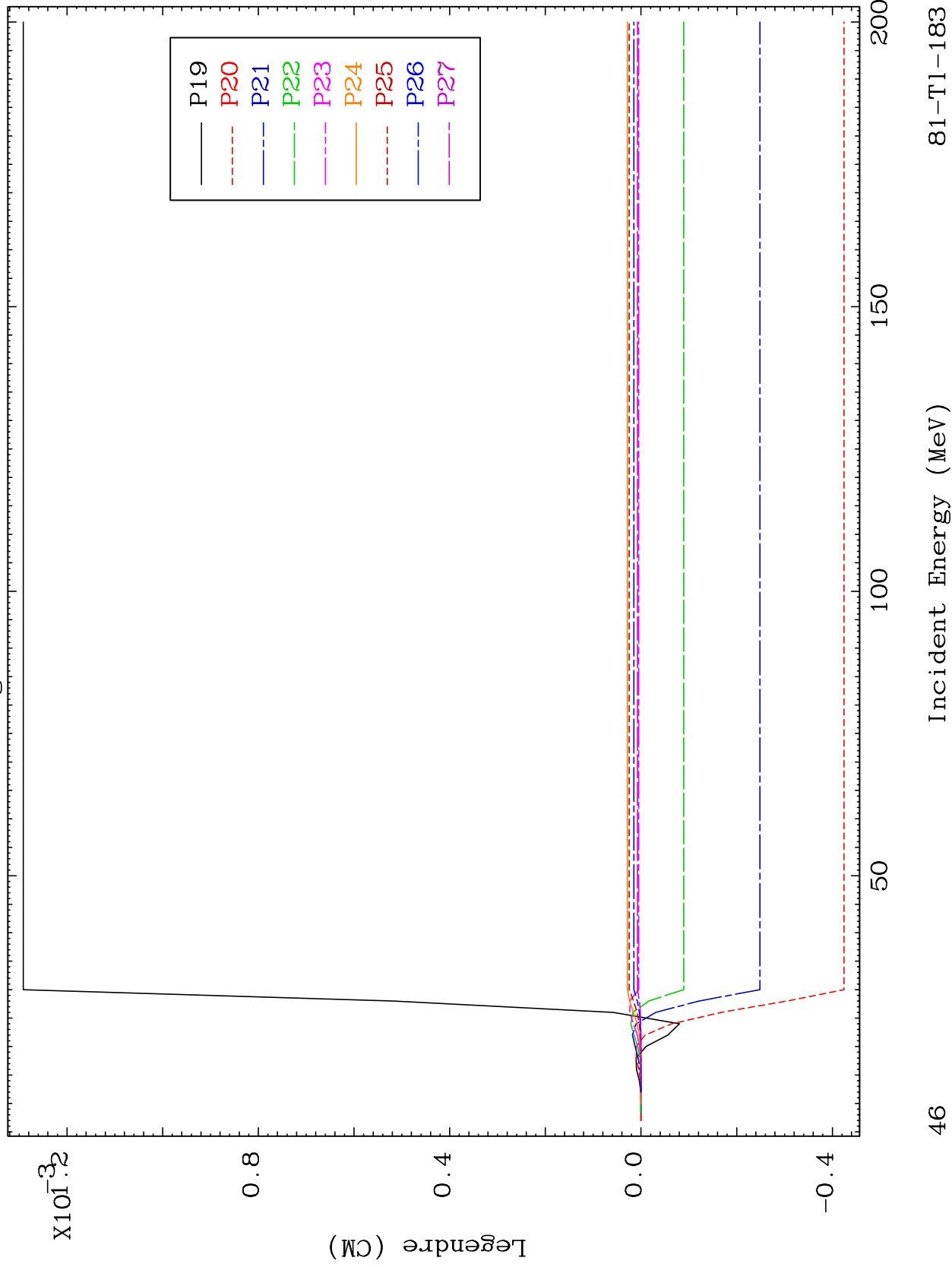
Incident Energy (MeV)

45

MAT 8065

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

81-Tl-183



46

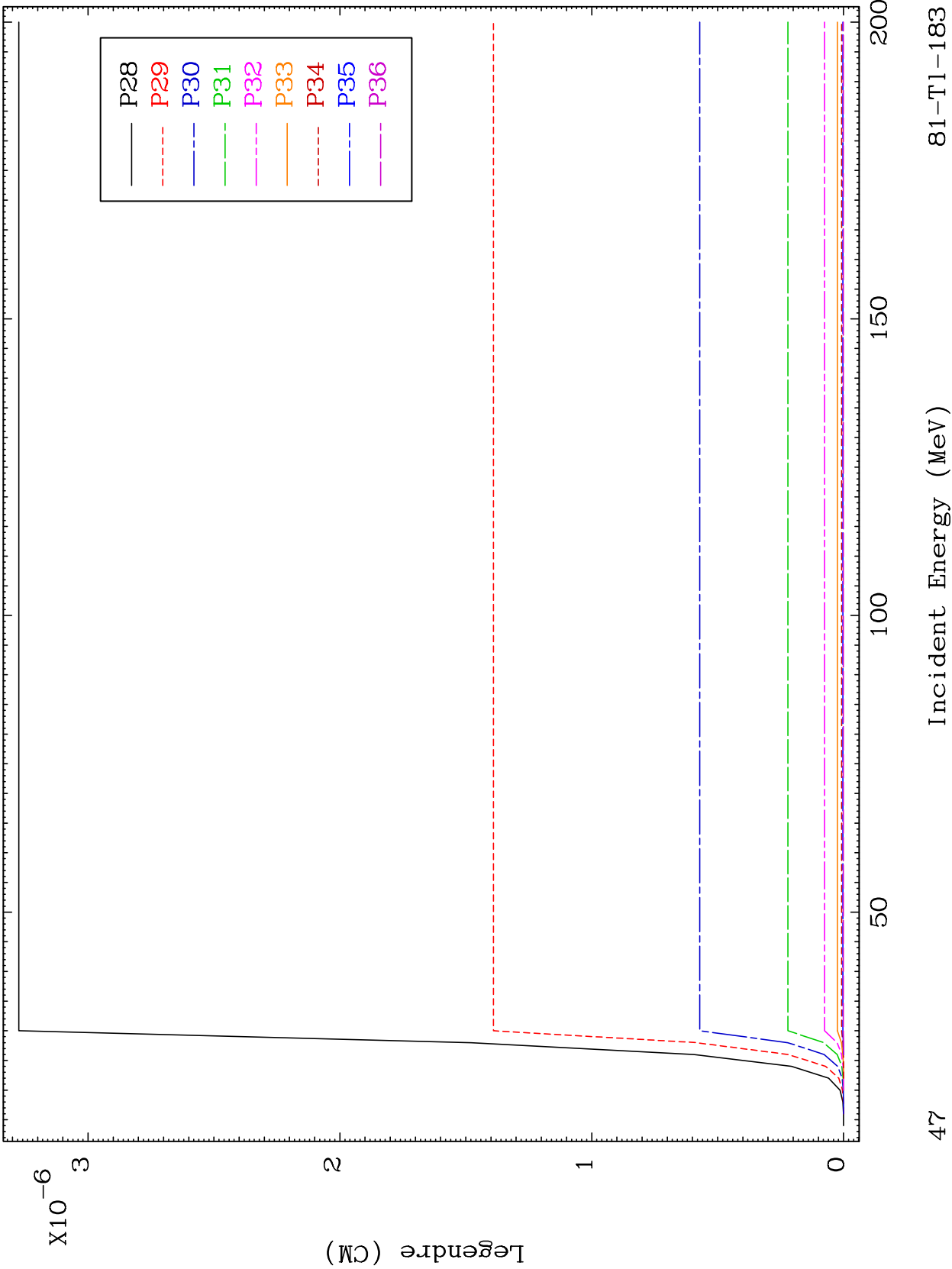
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



47

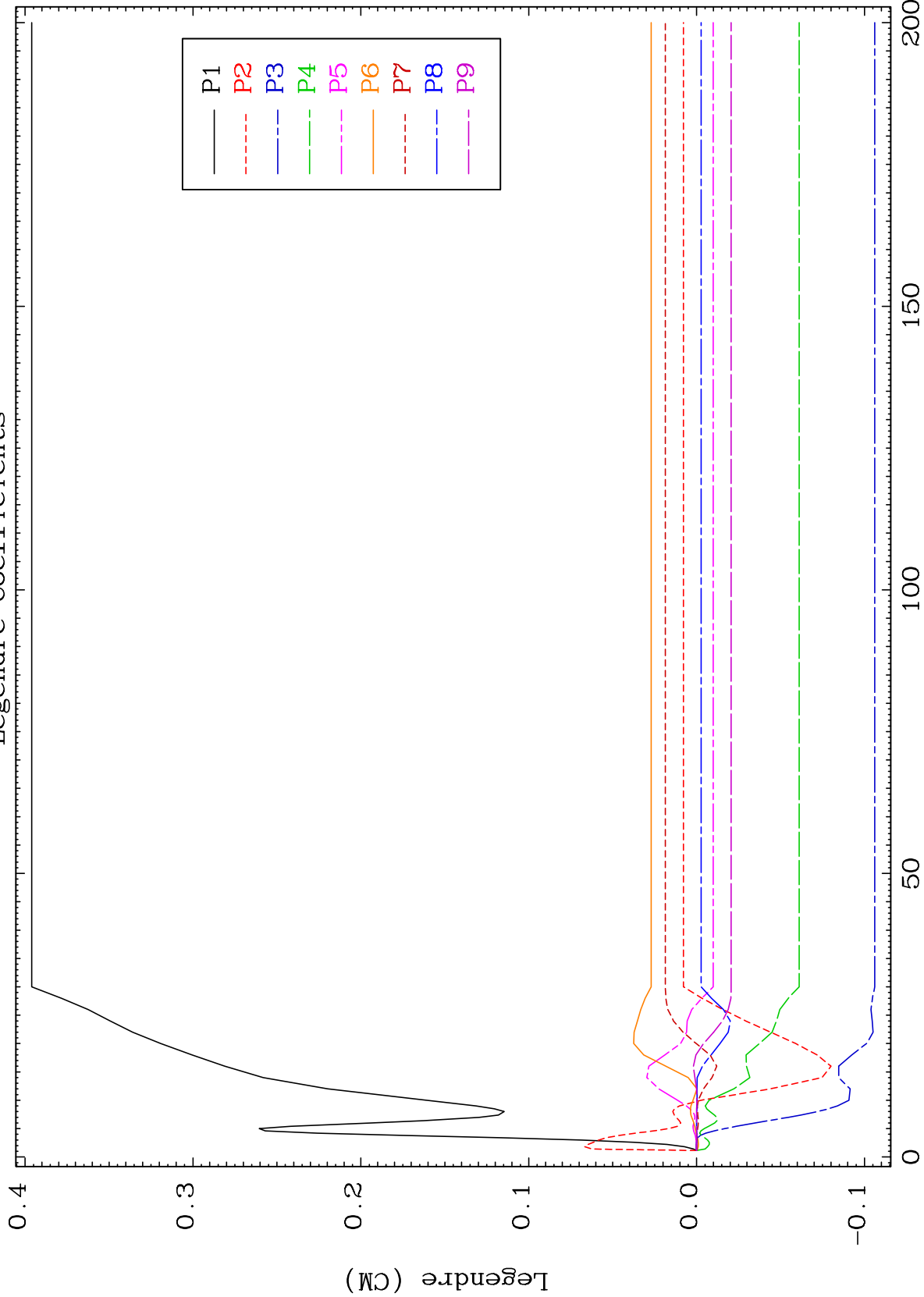
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-T1-183



48

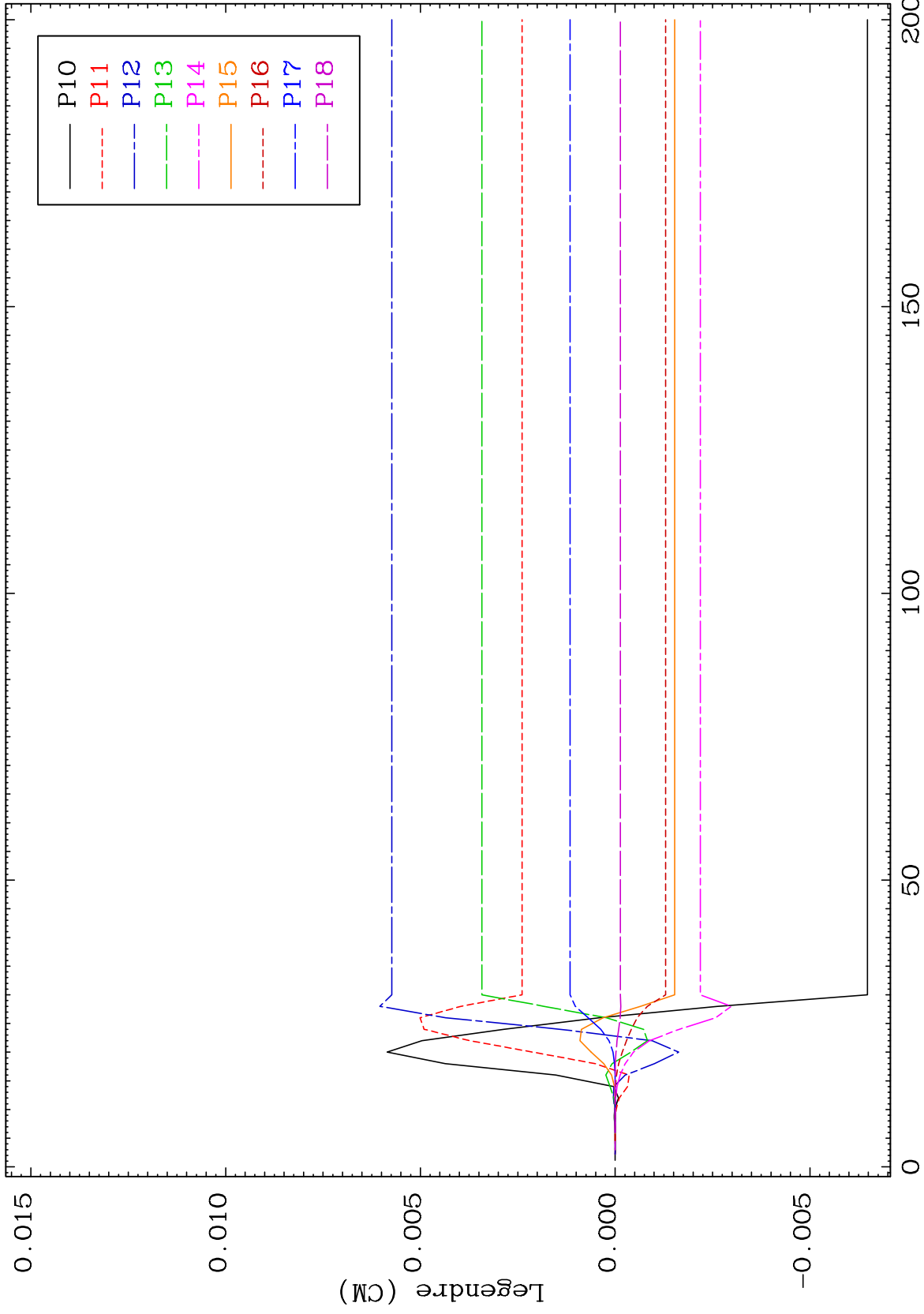
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



49

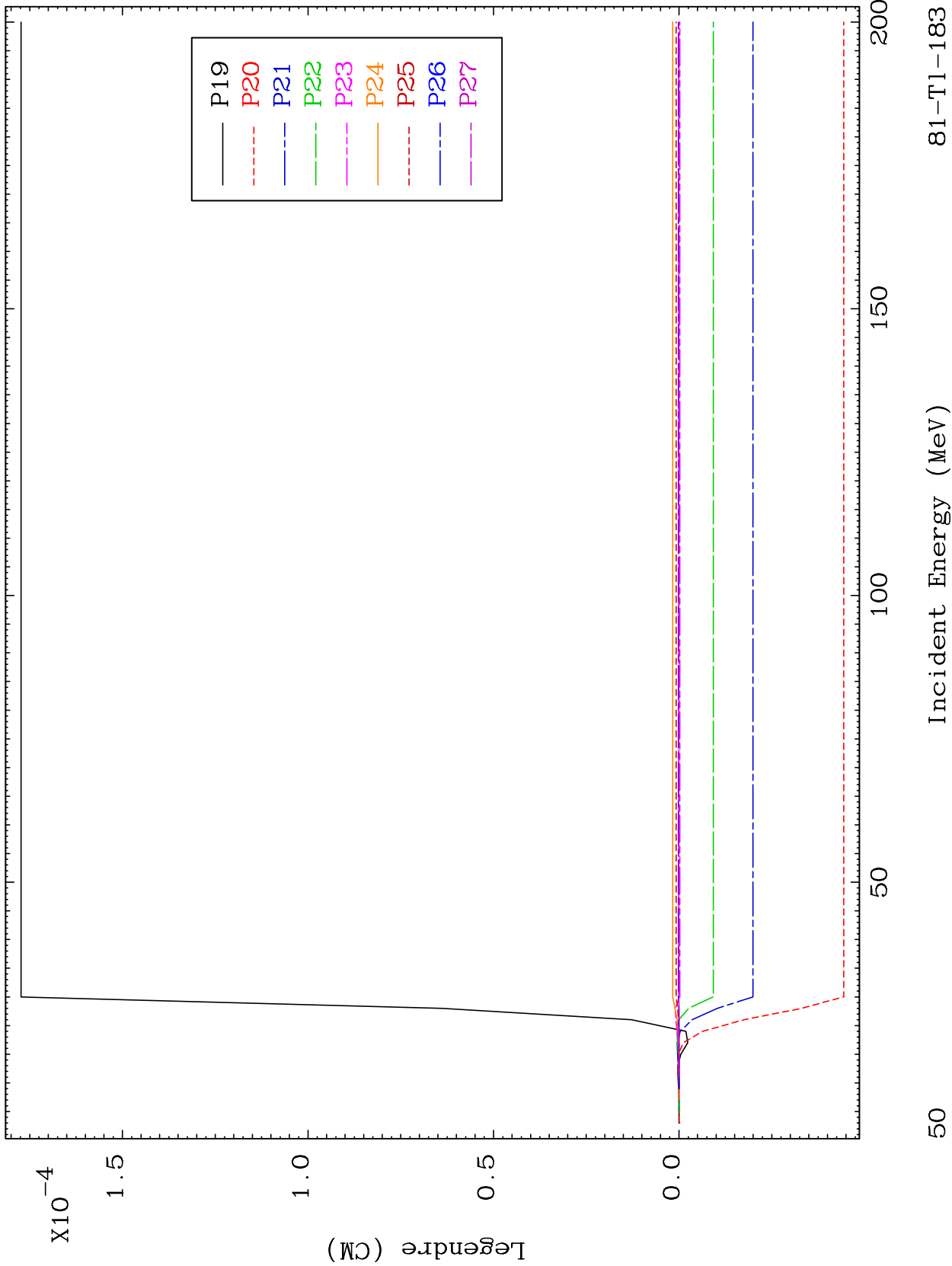
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

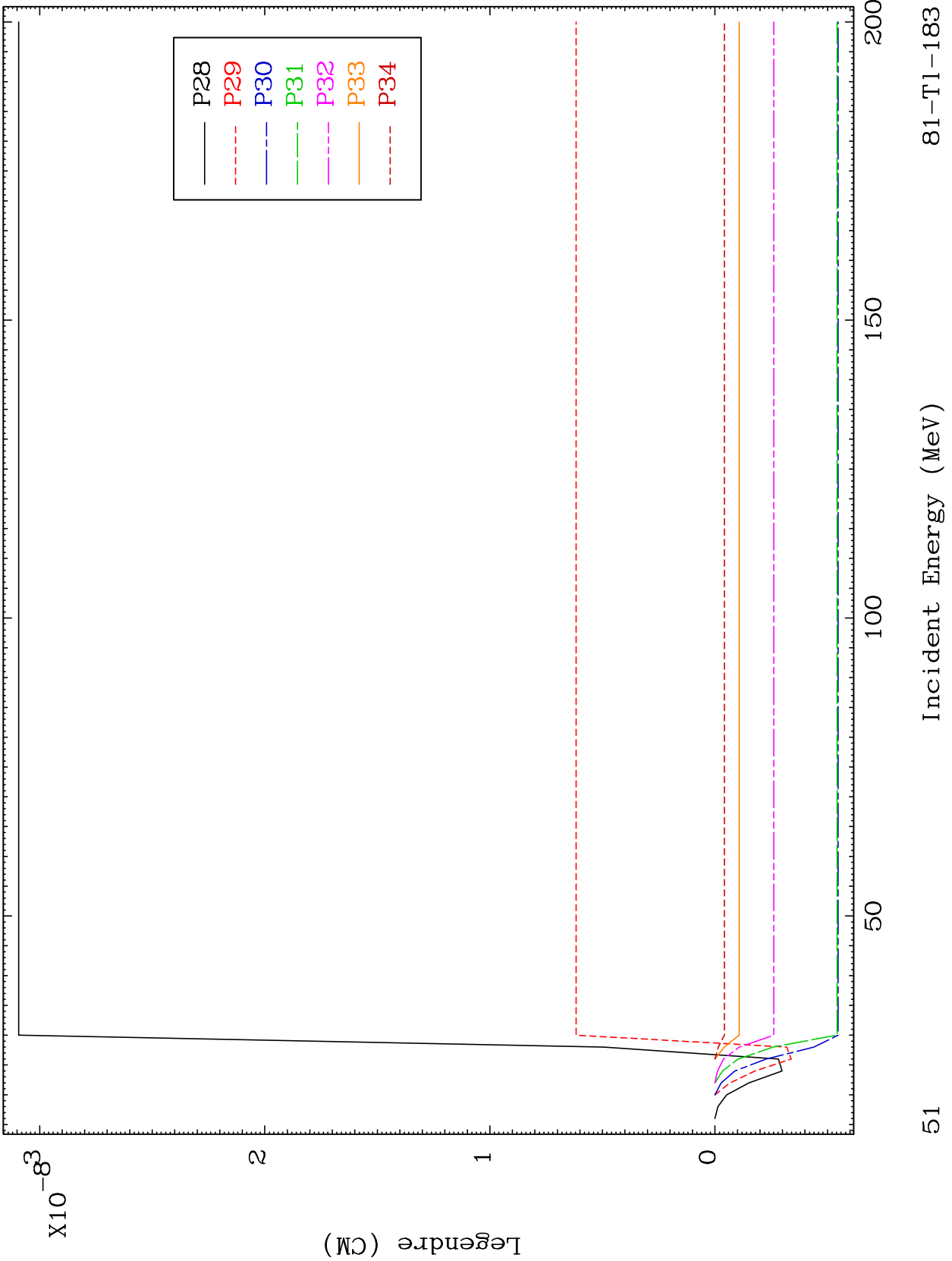
81-Tl-183

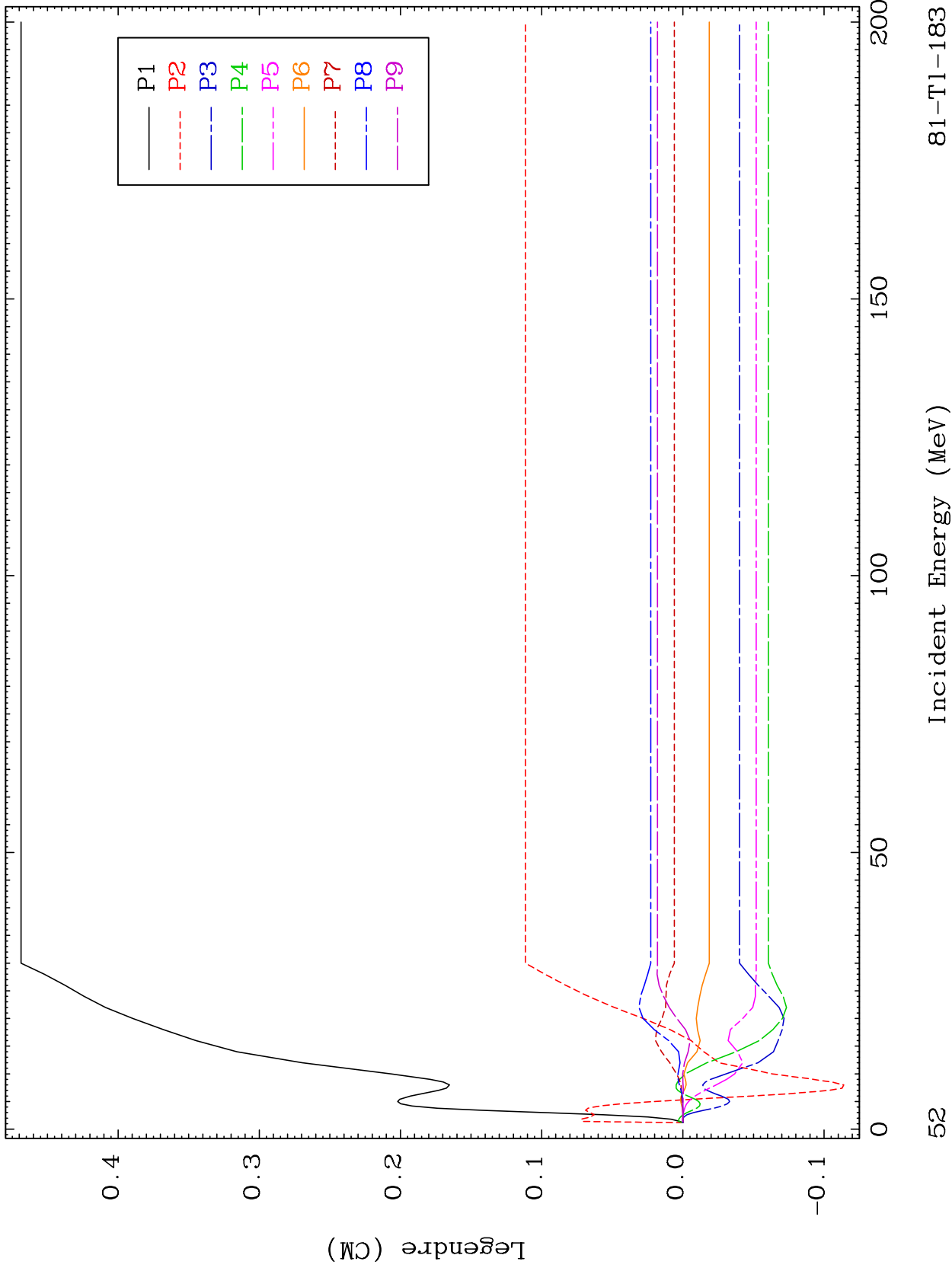


81-Tl-183

Incident Energy (MeV)

50

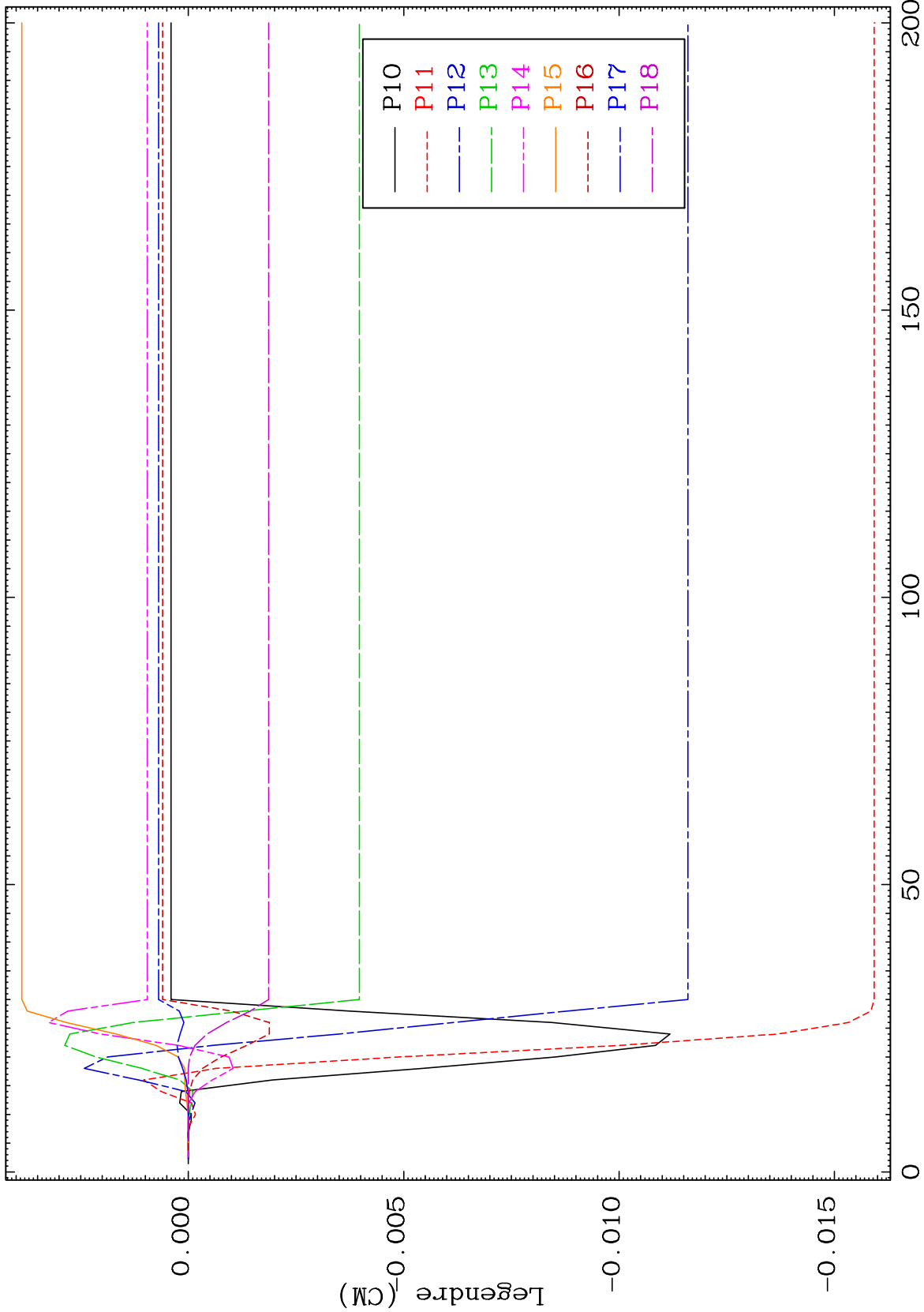




MAT 8065

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

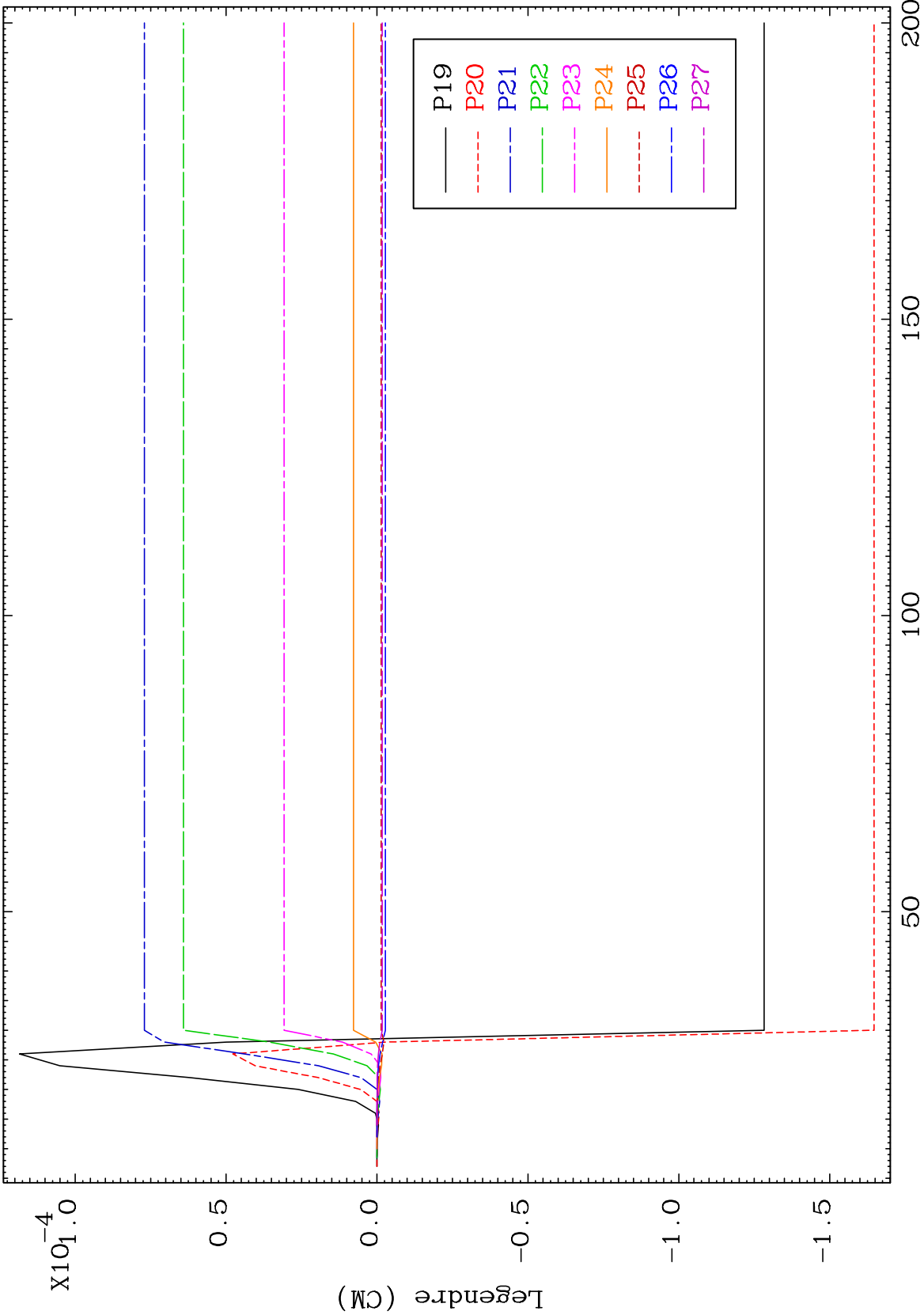
81-Tl-183



53

Incident Energy (MeV)

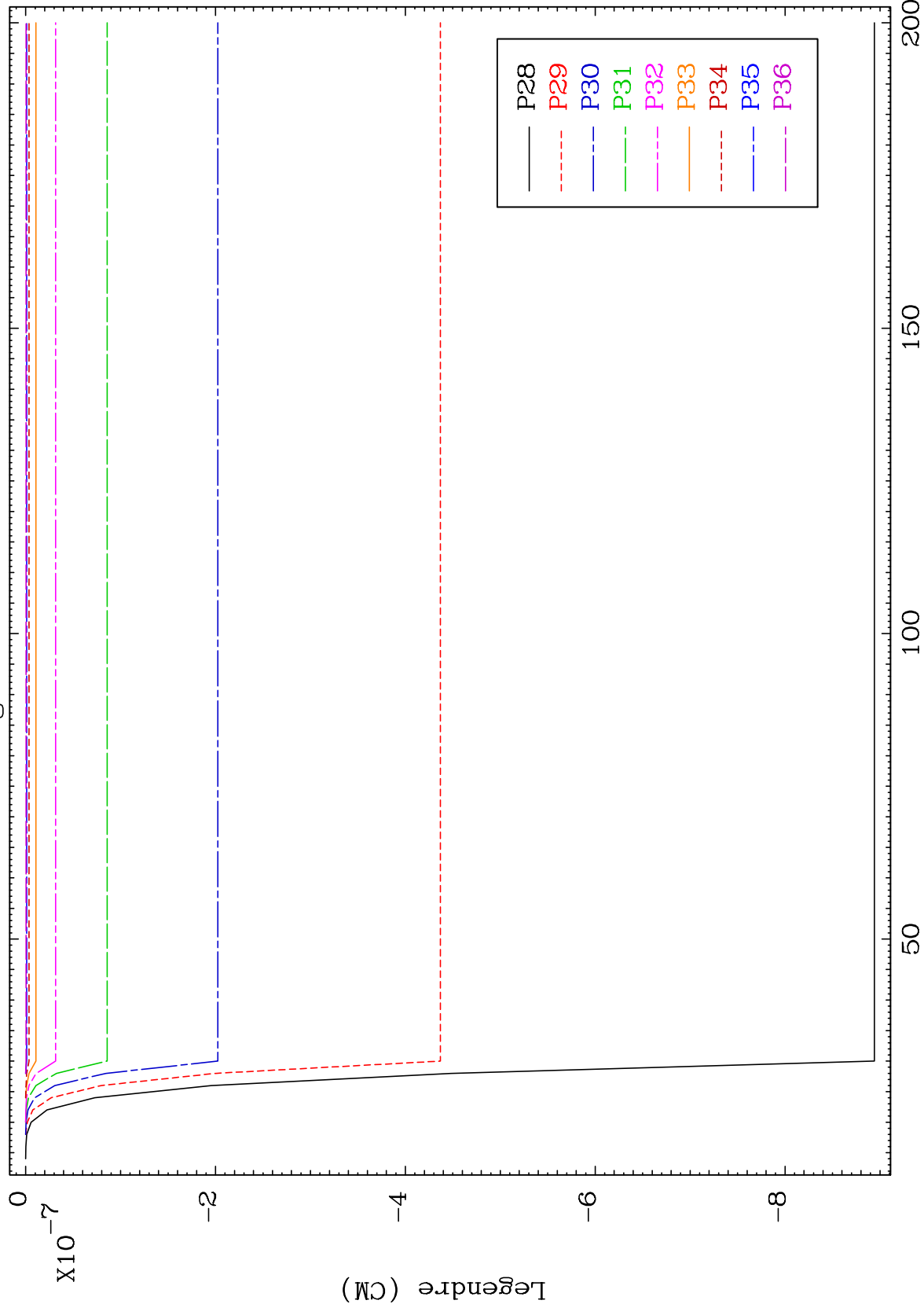
81-Tl-183



MAT 8065

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

81-Tl-183



55

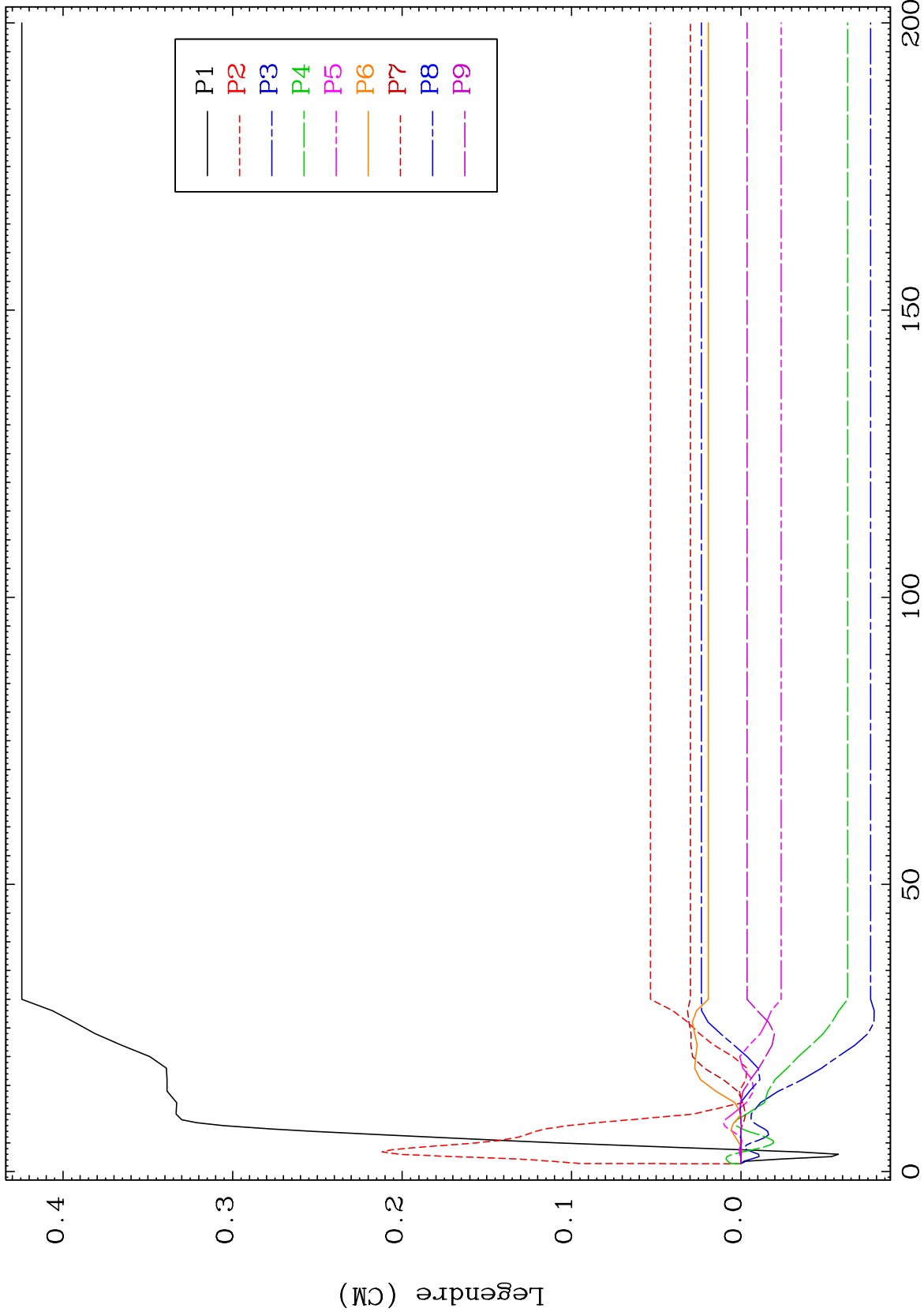
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



56

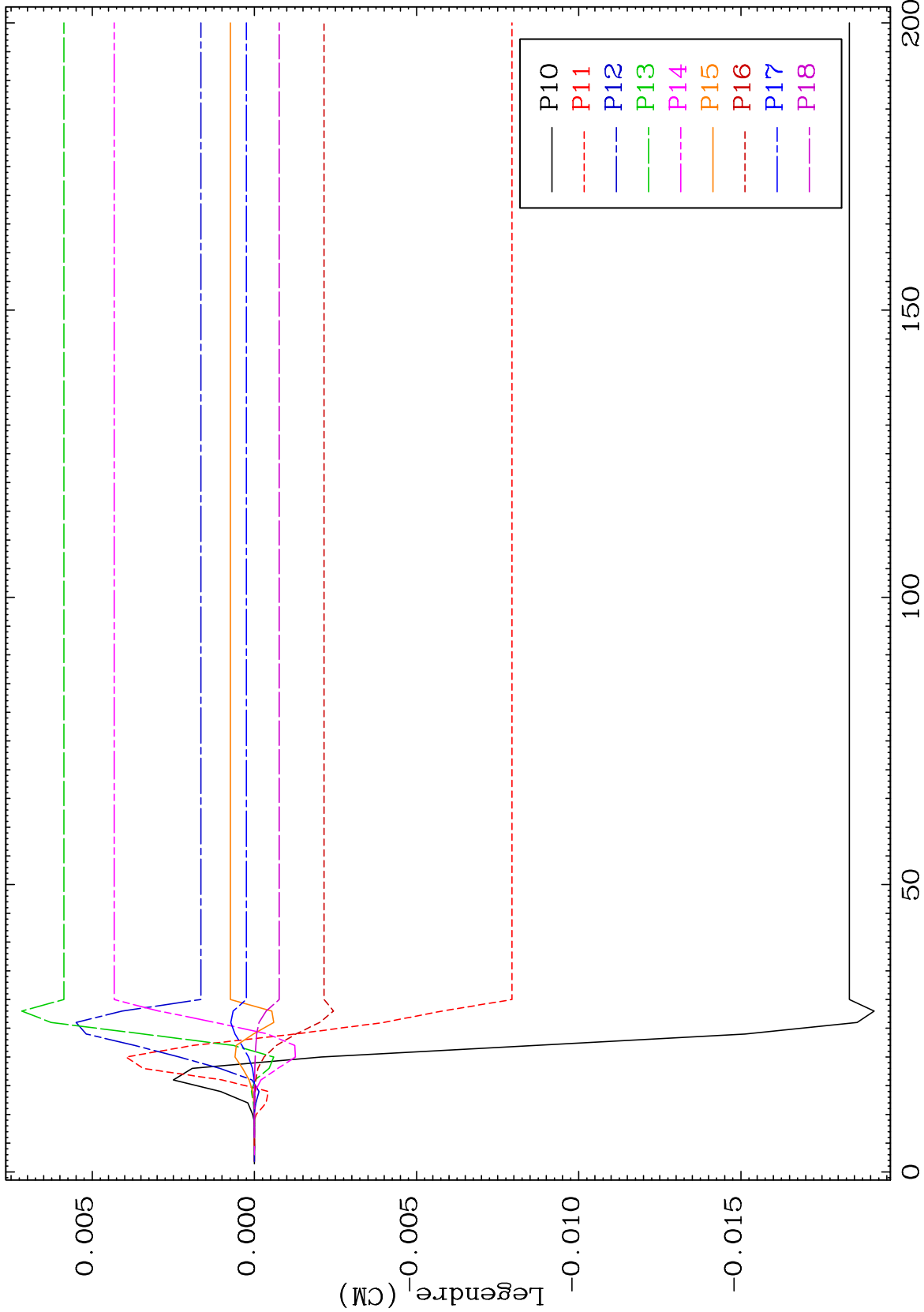
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-T1-183



57

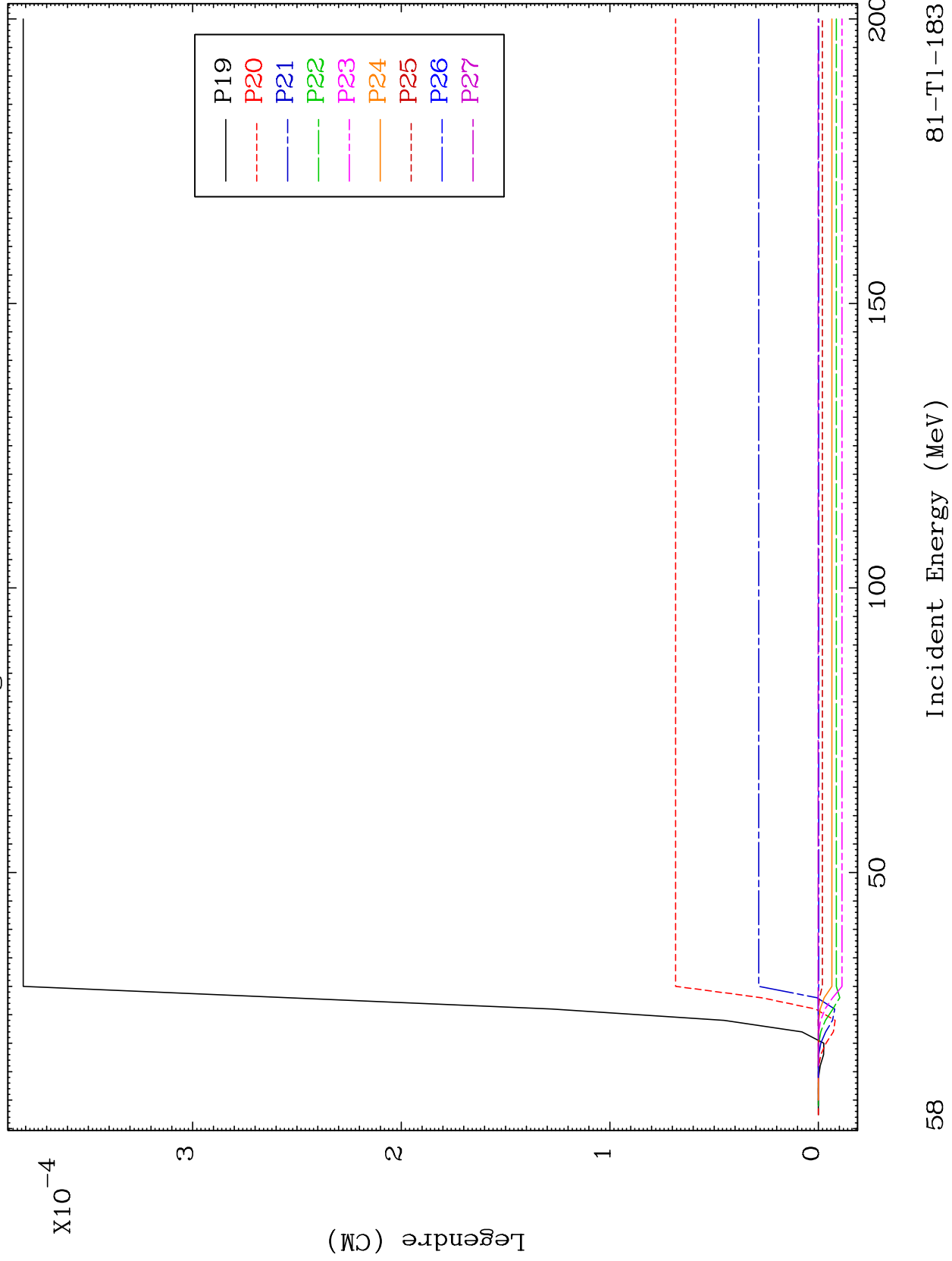
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



58

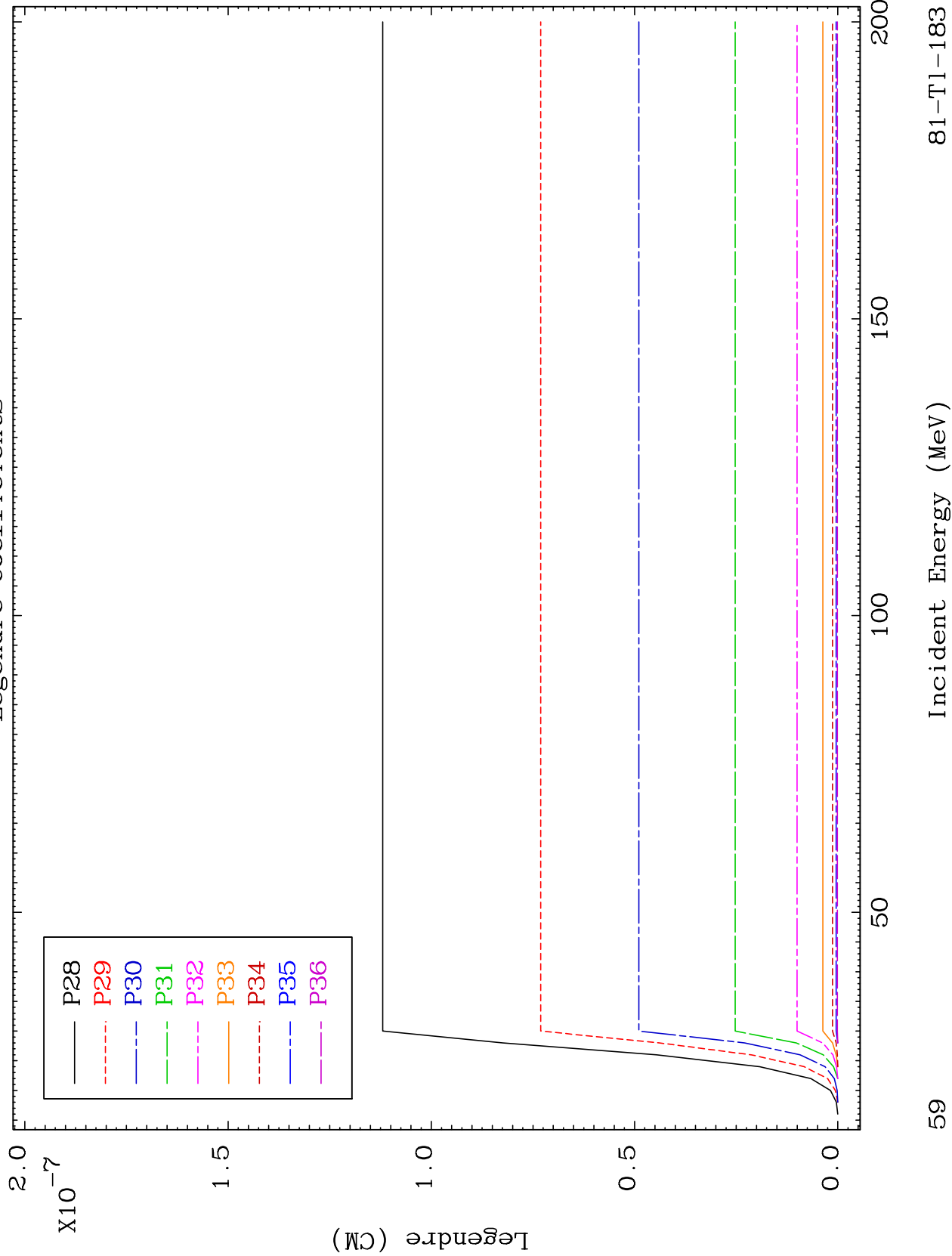
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



59

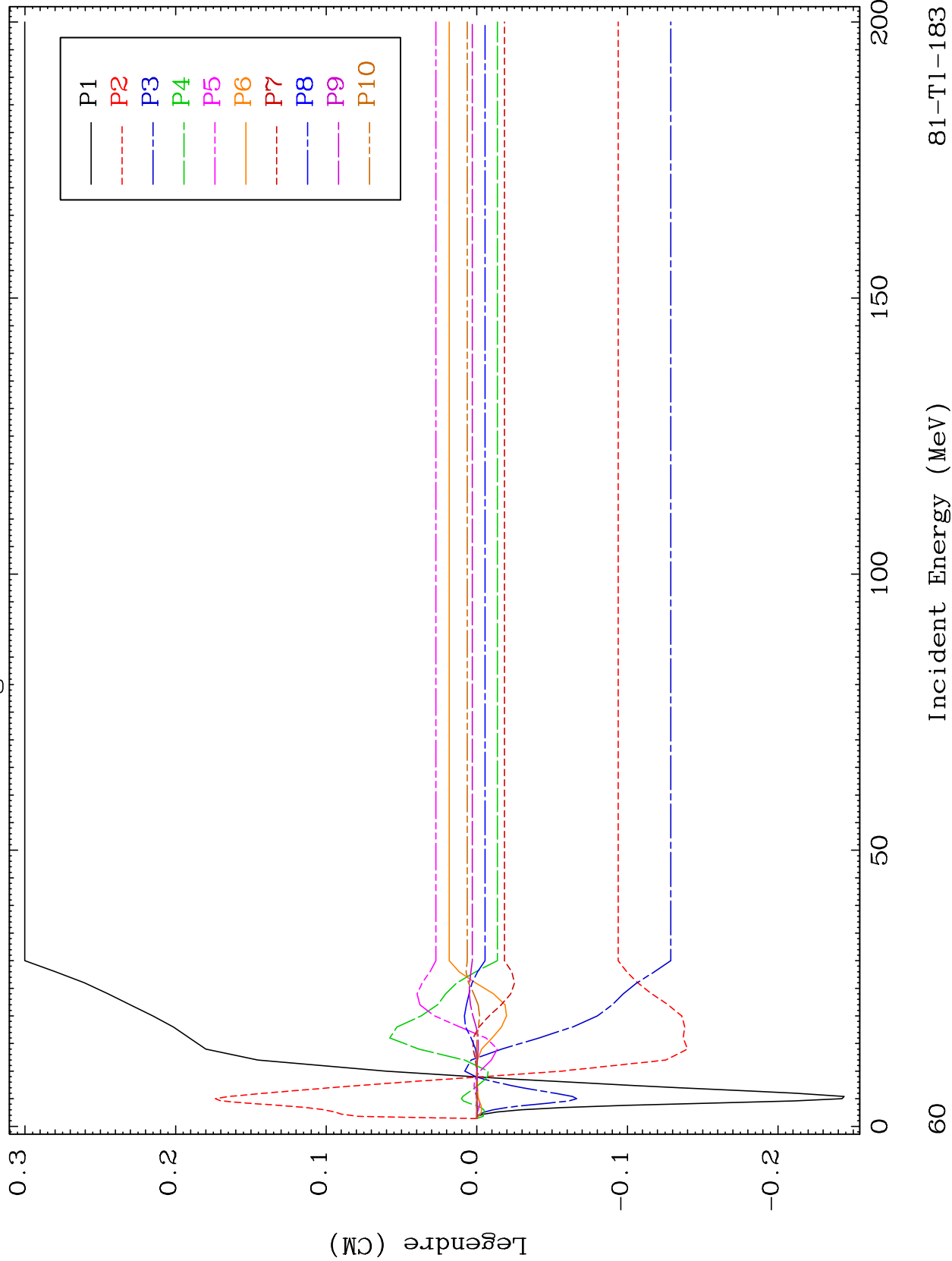
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



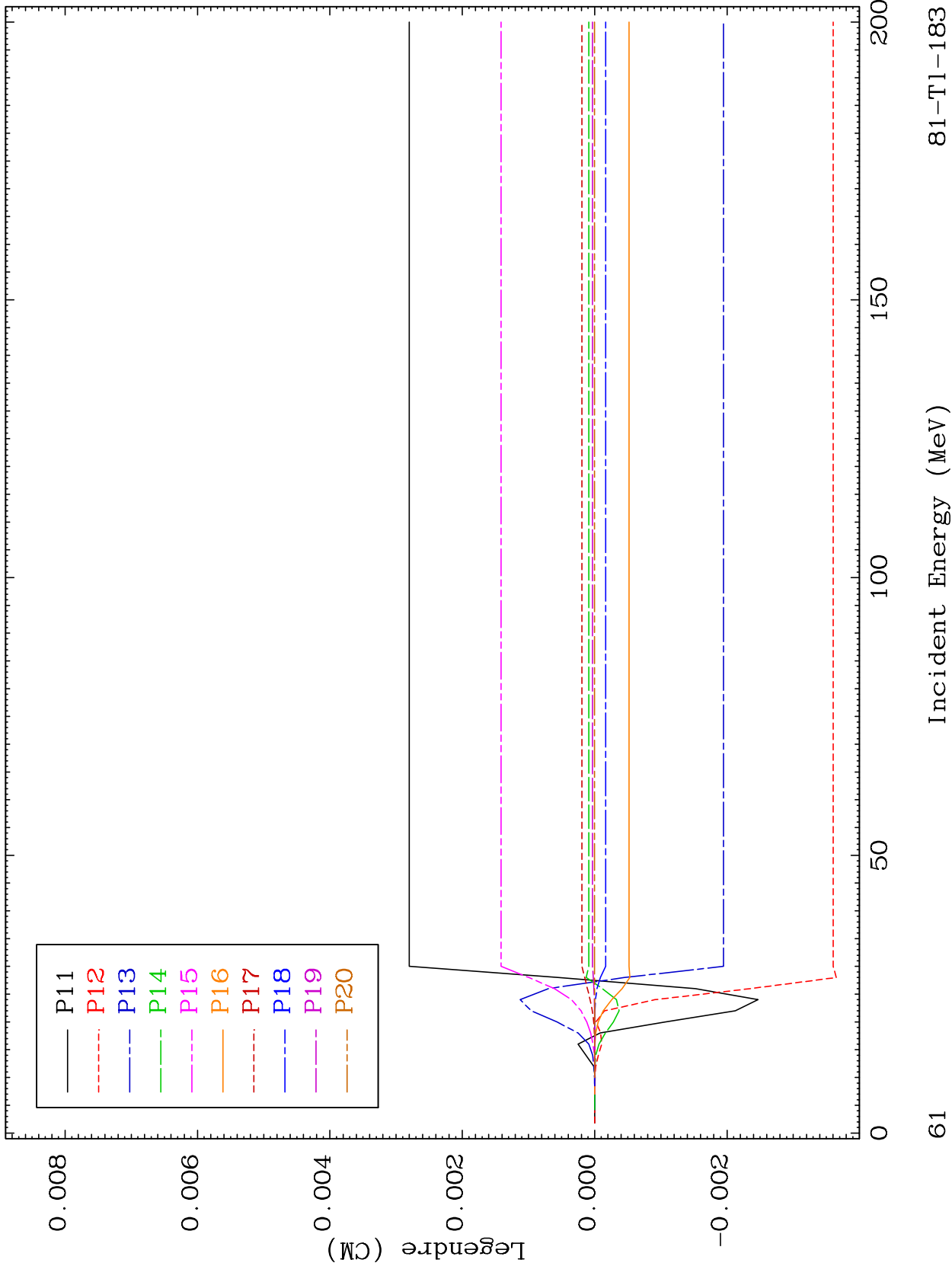
81-Tl-183

Incident Energy (MeV)

MAT 8065

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

81-Tl-183



61

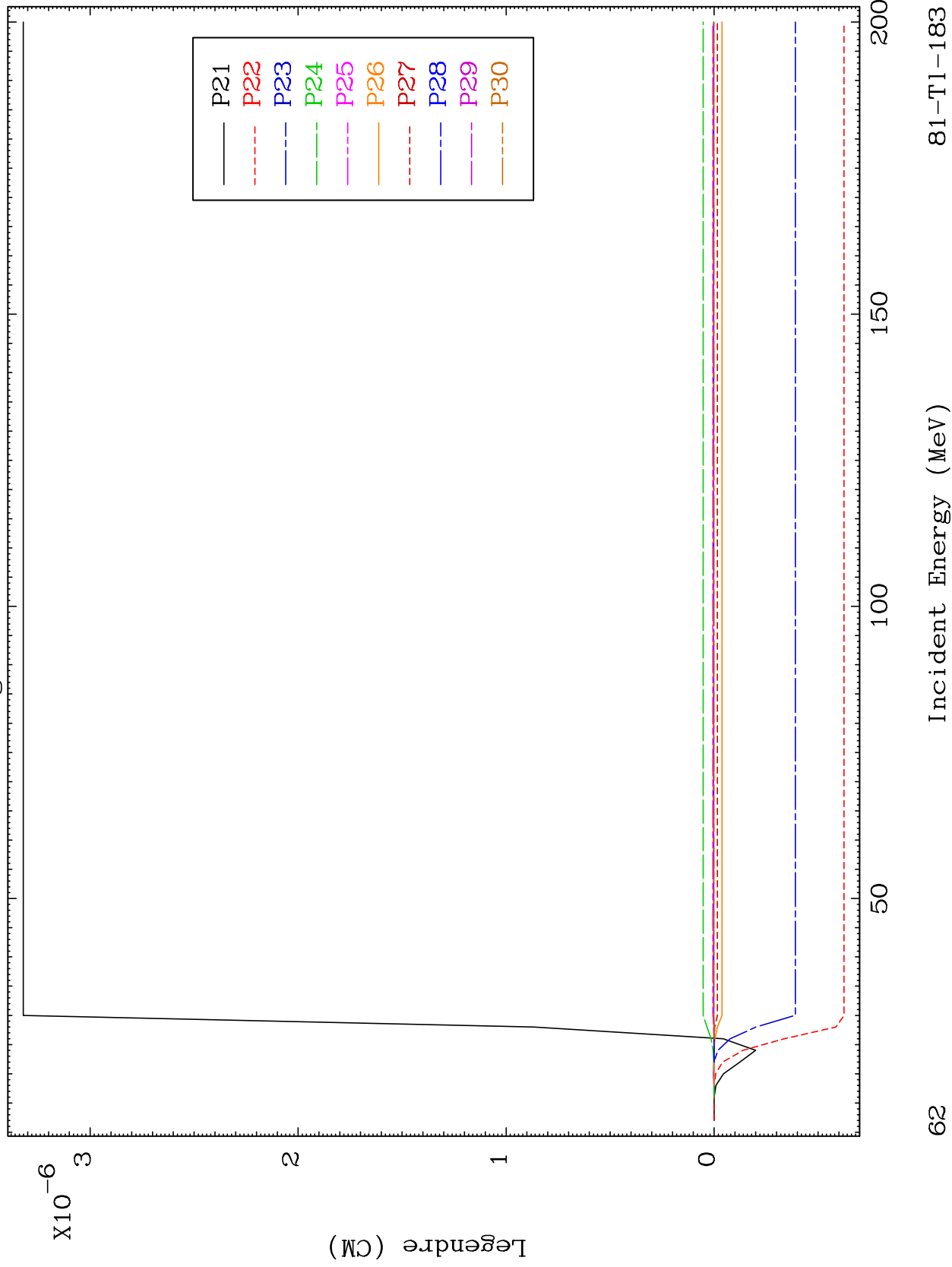
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-T1-183



62

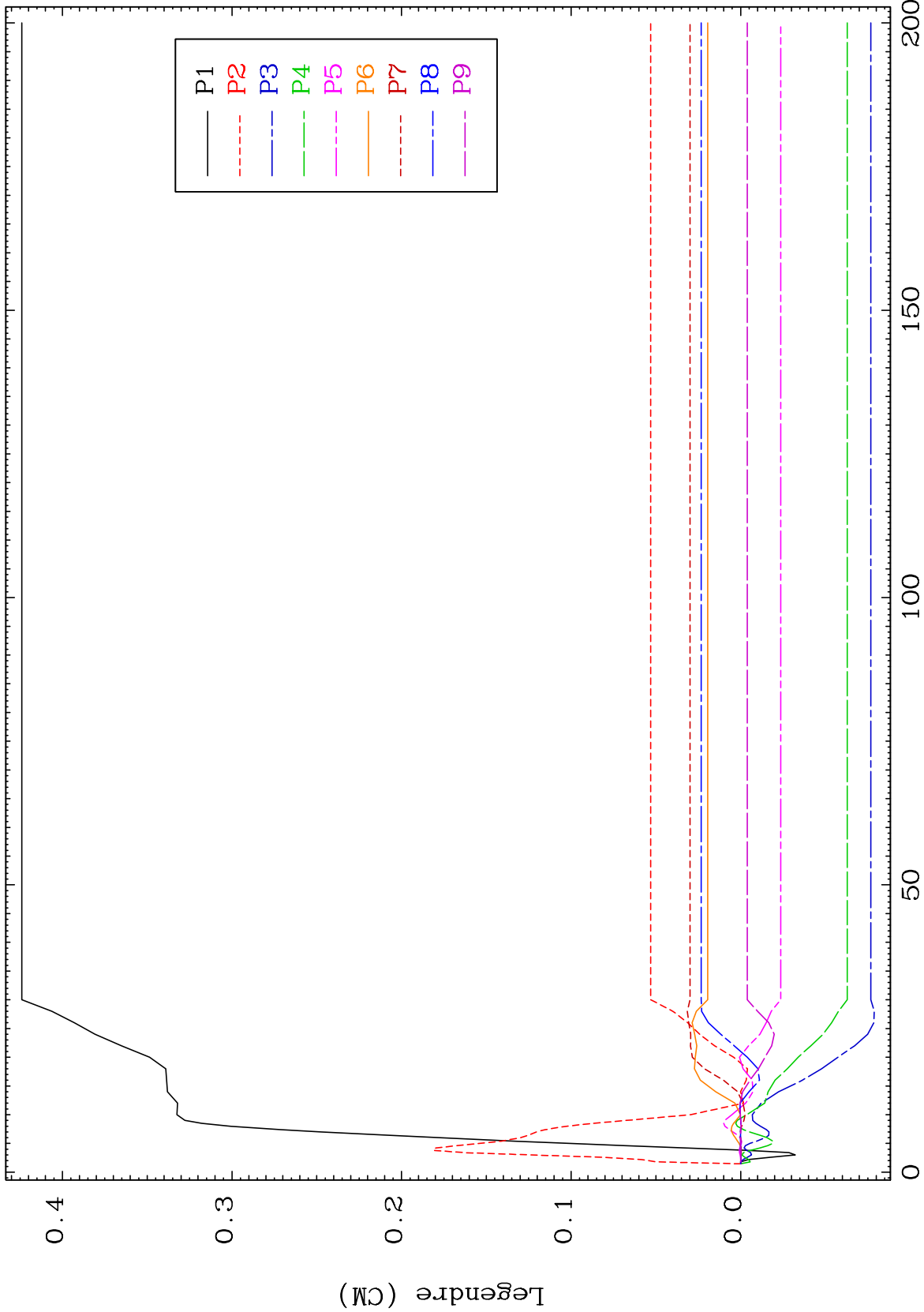
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



63

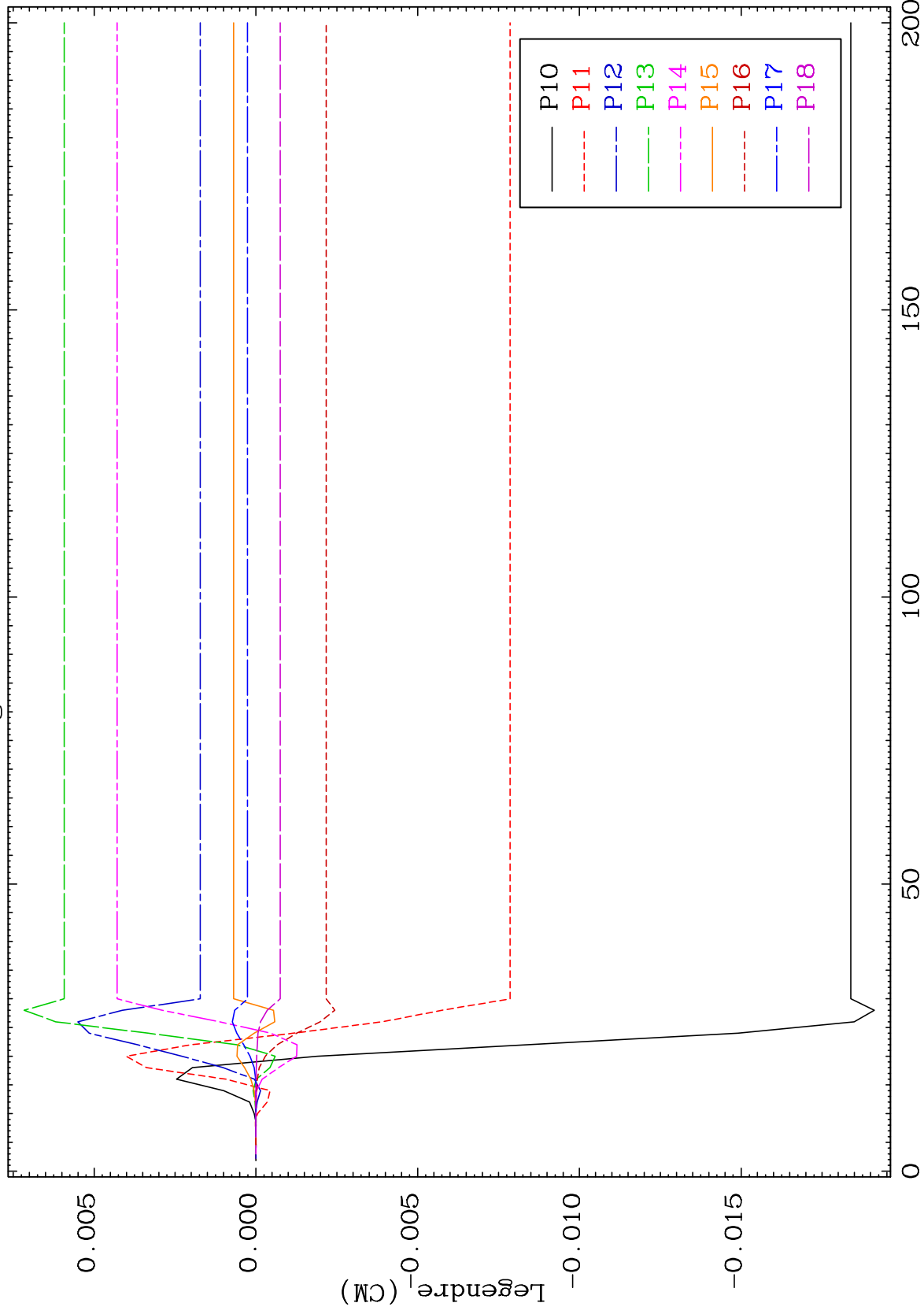
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-T1-183



64

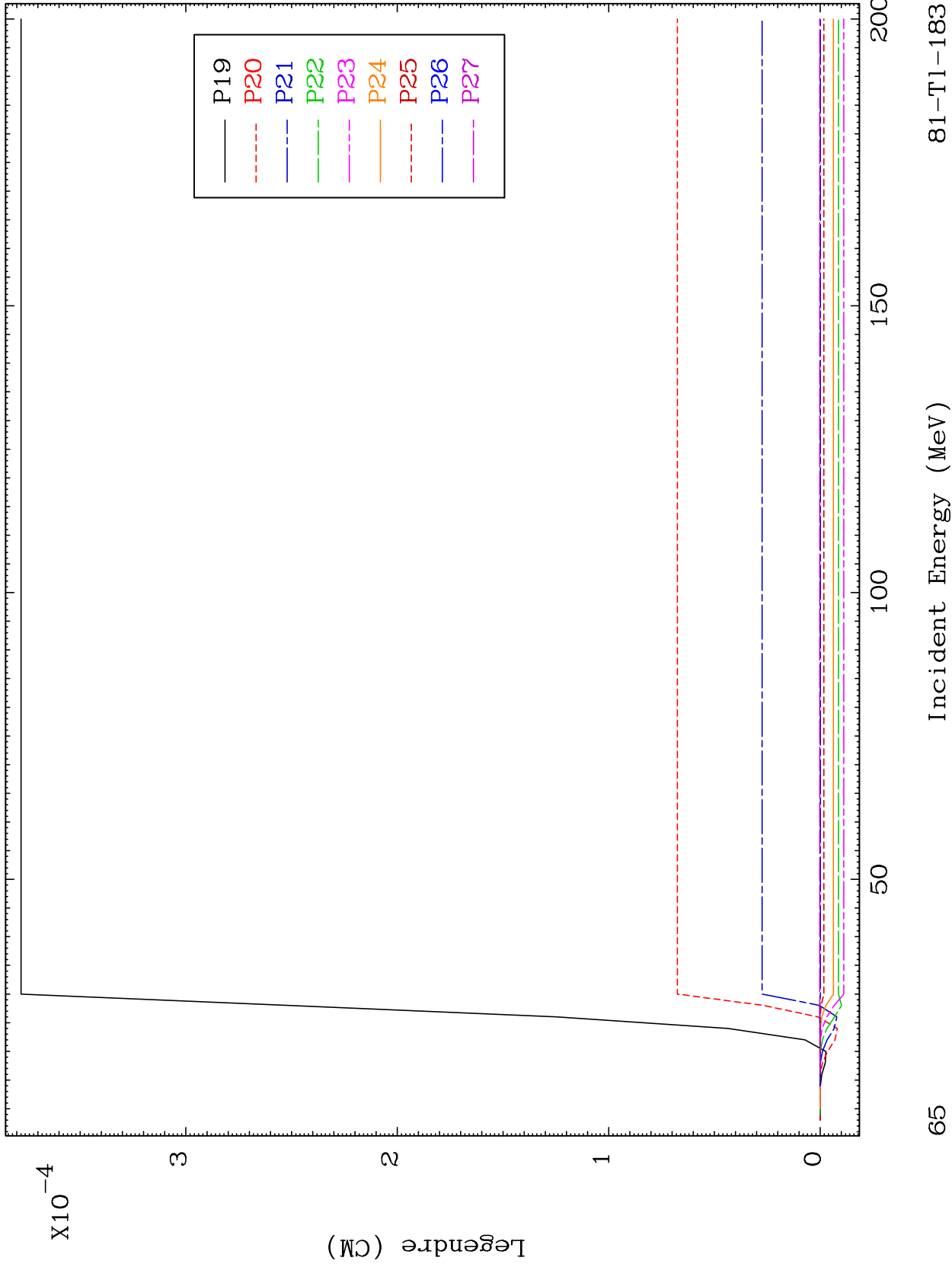
Incident Energy (MeV)

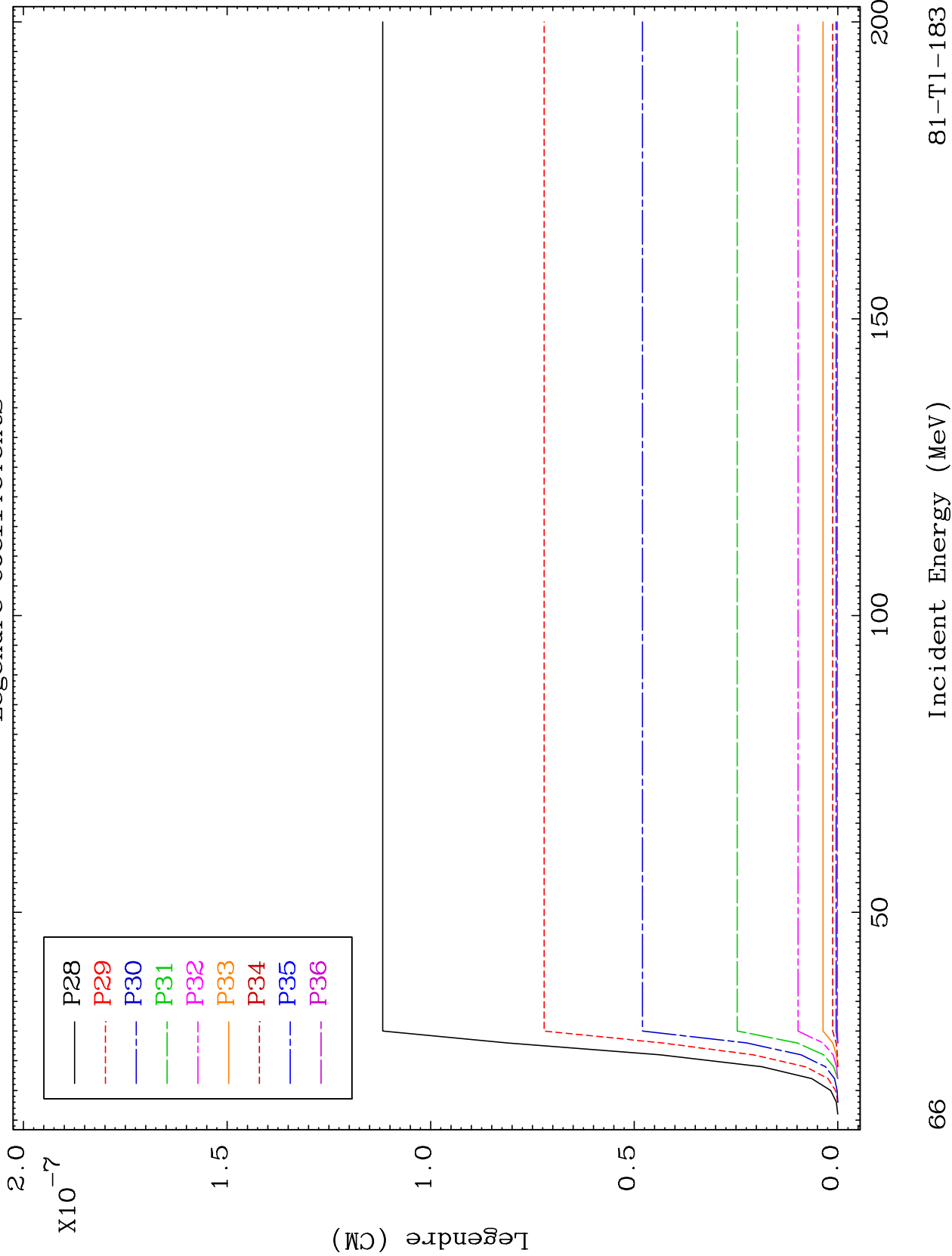
81-T1-183

MAT 8065

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

81-T1-183

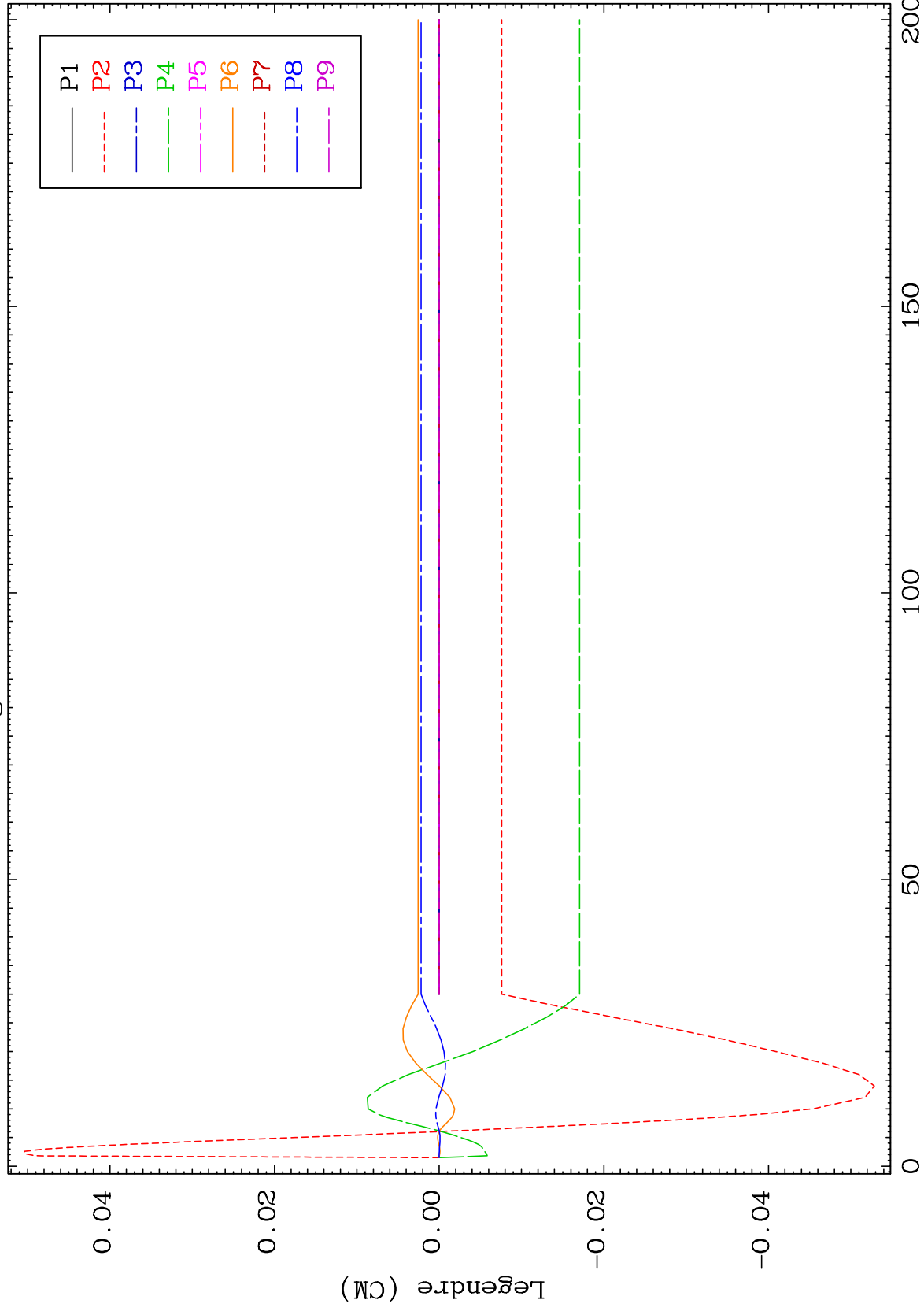




MAT 8065

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

81-T1-183



67

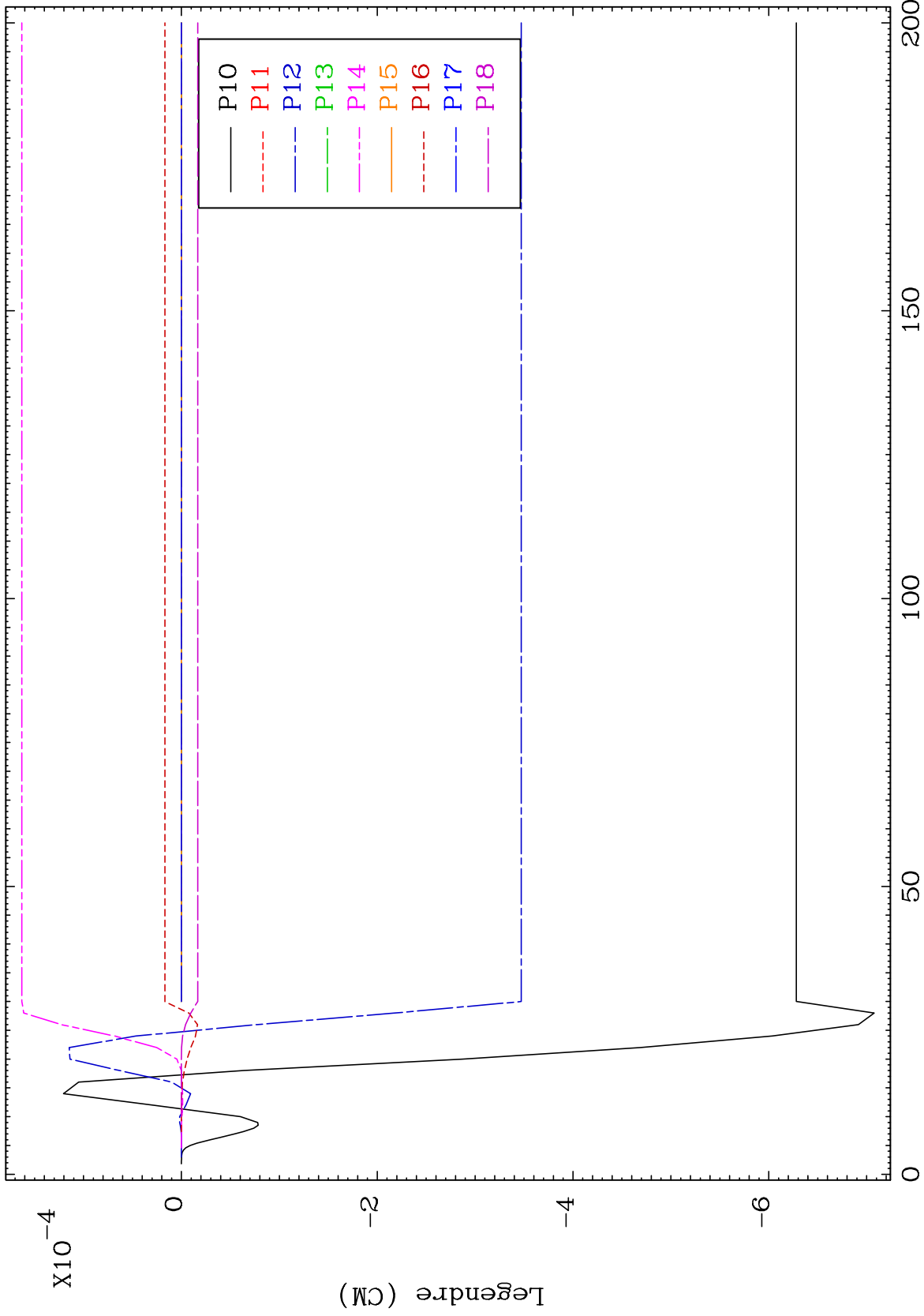
Incident Energy (MeV)

81-T1-183

MAT 8065

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

81-Tl-183



68

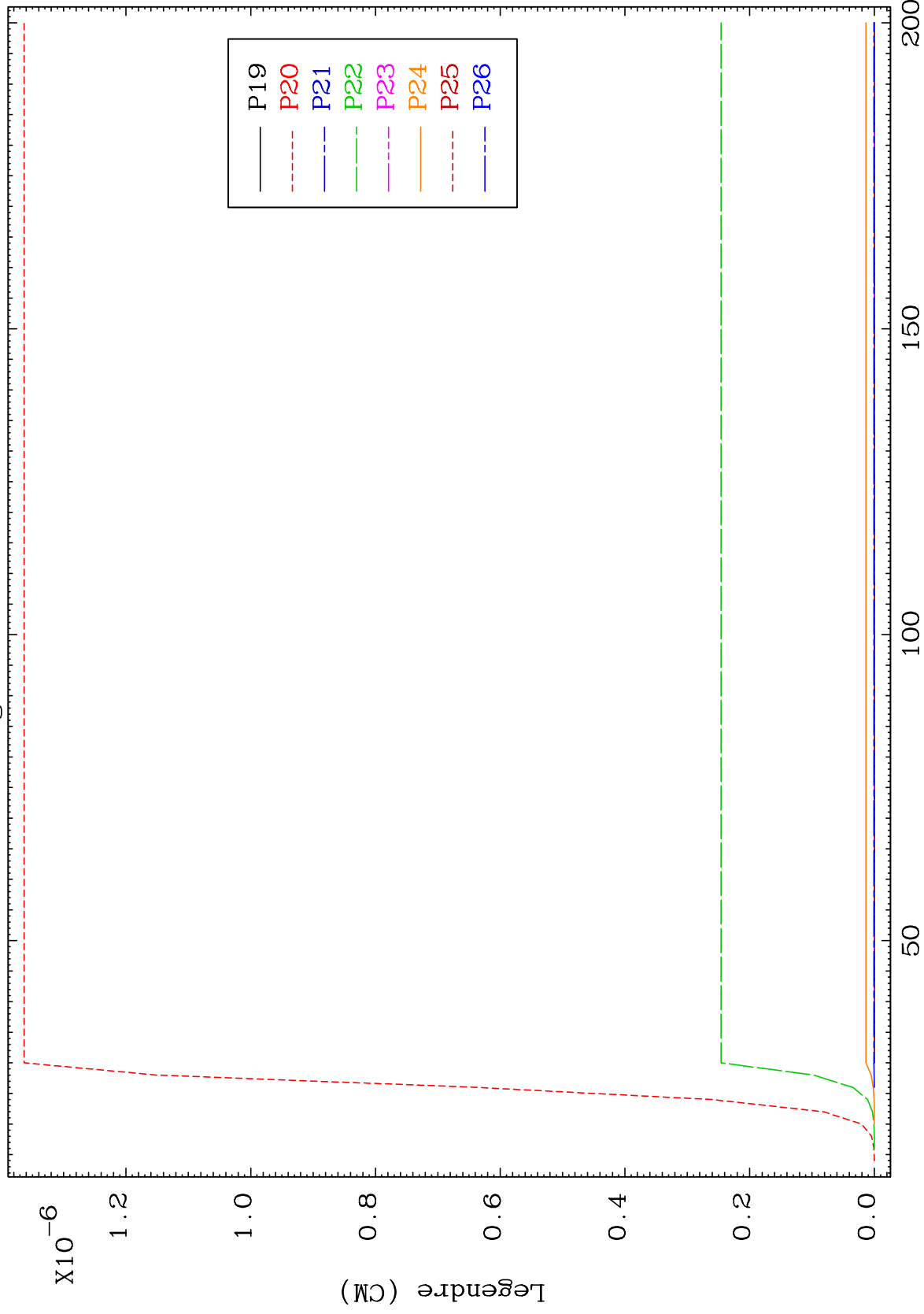
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-Tl-183



69

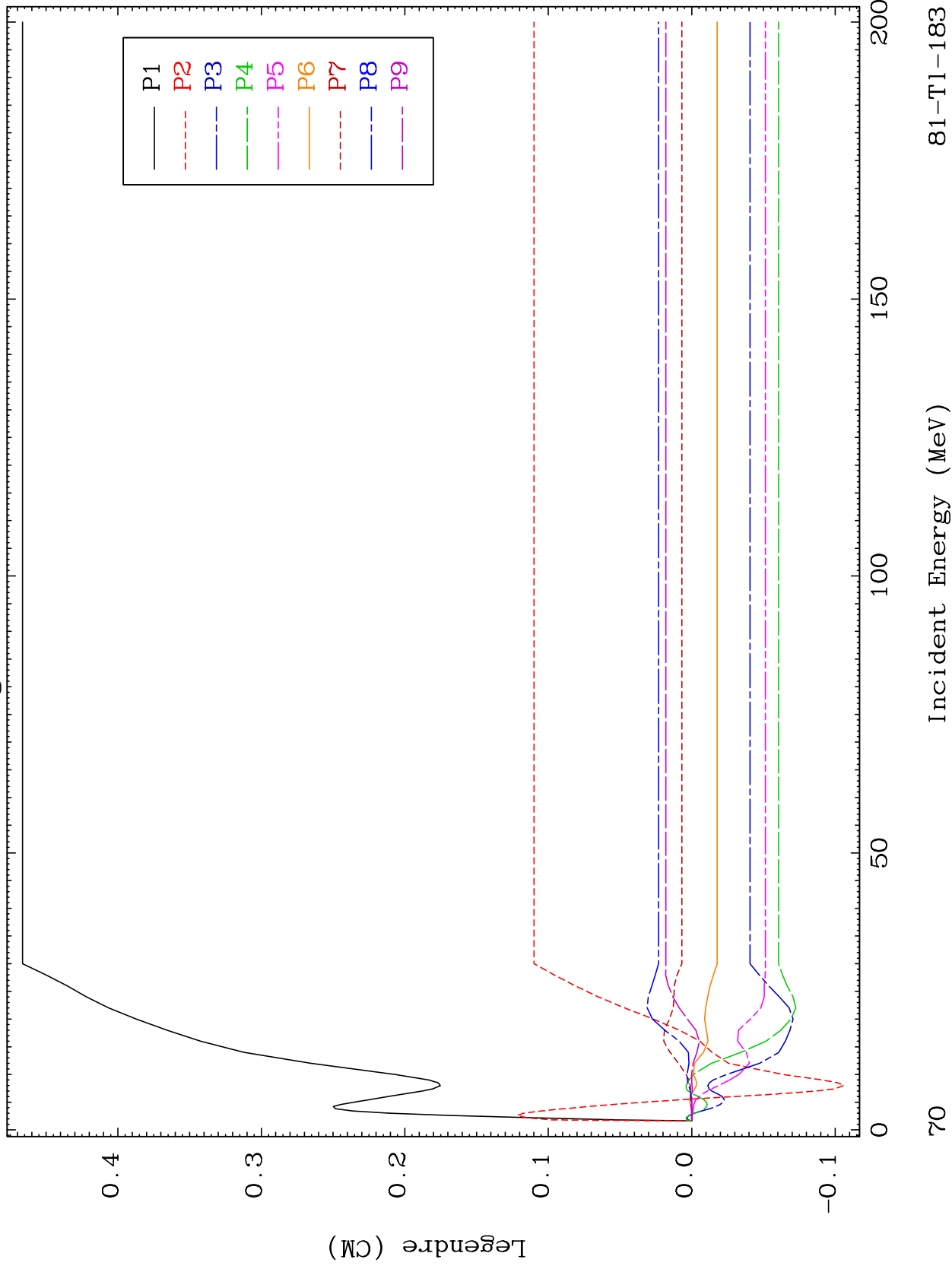
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

81-T1-183



81-T1-183

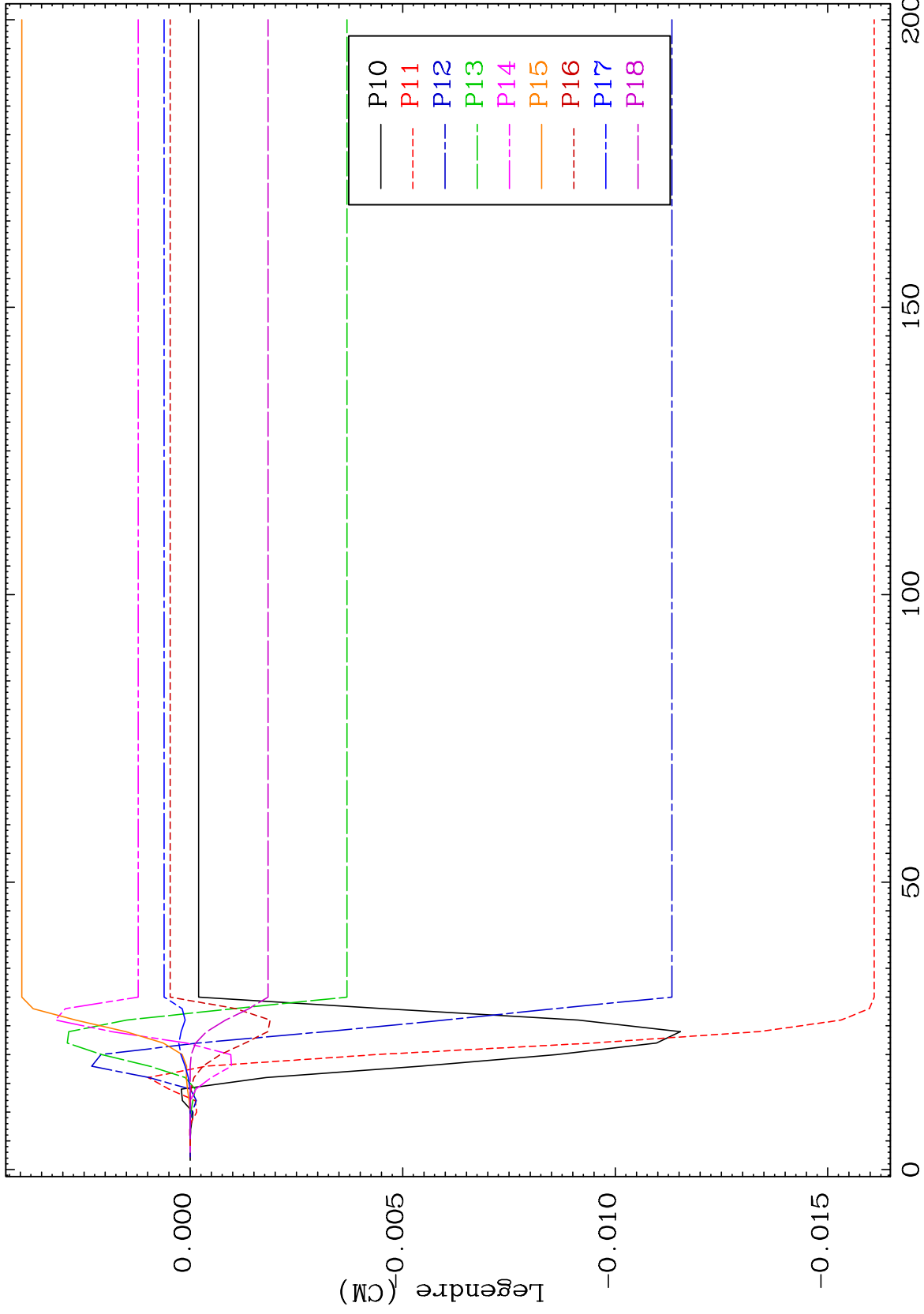
Incident Energy (MeV)

70

MAT 8065

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

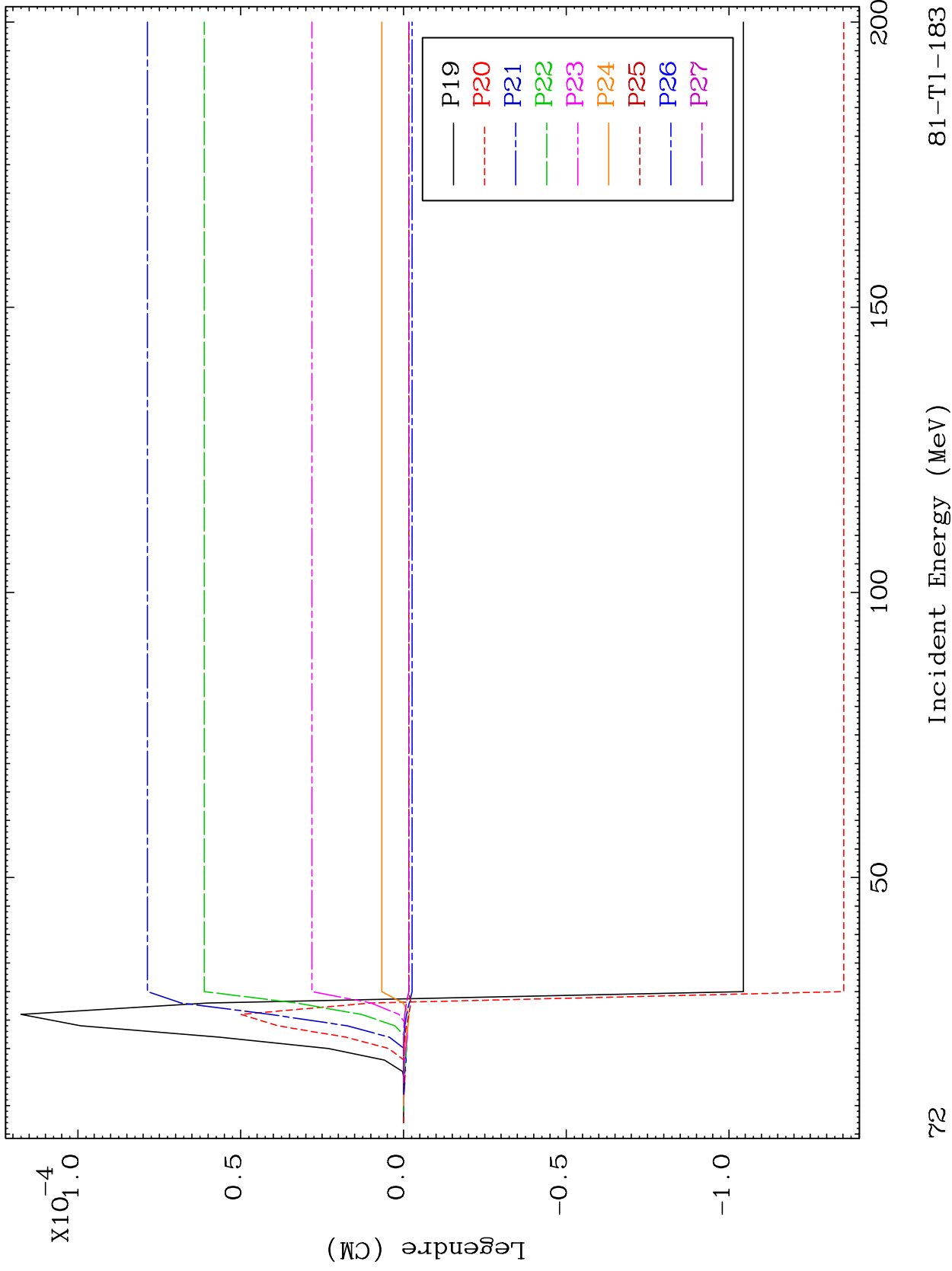
81-Tl-183



71

Incident Energy (MeV)

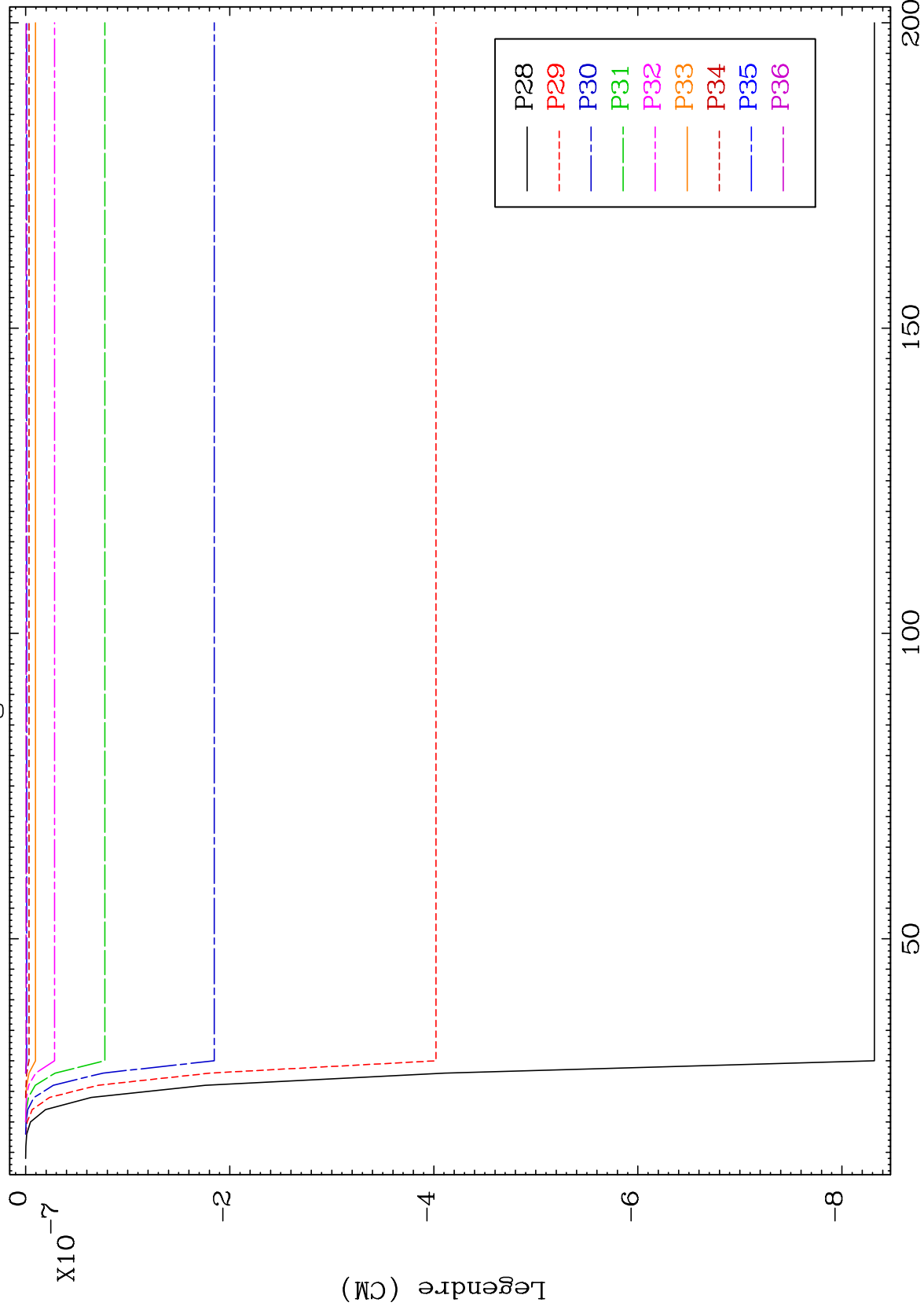
81-Tl-183



MAT 8065

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

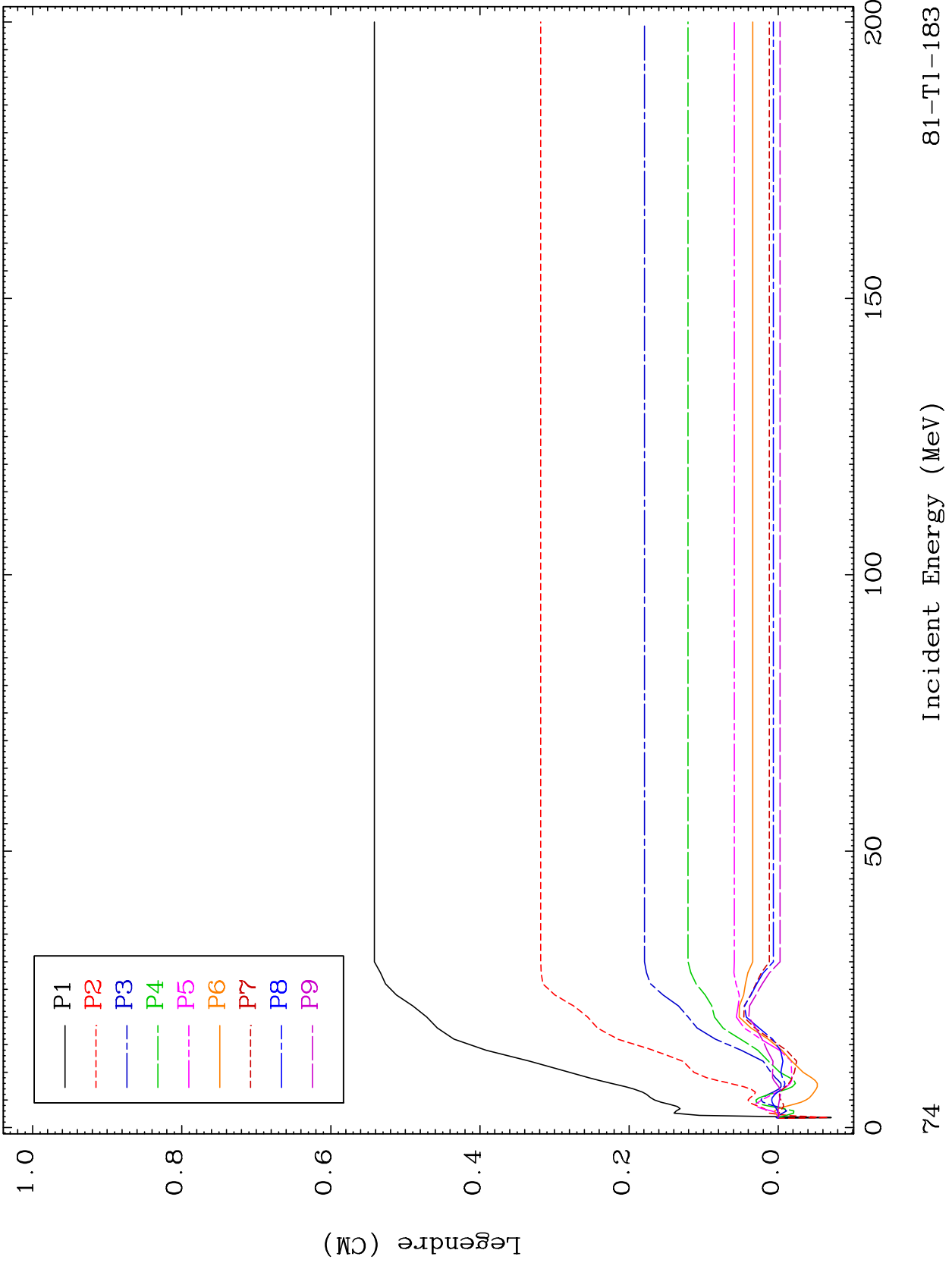
81-T1-183

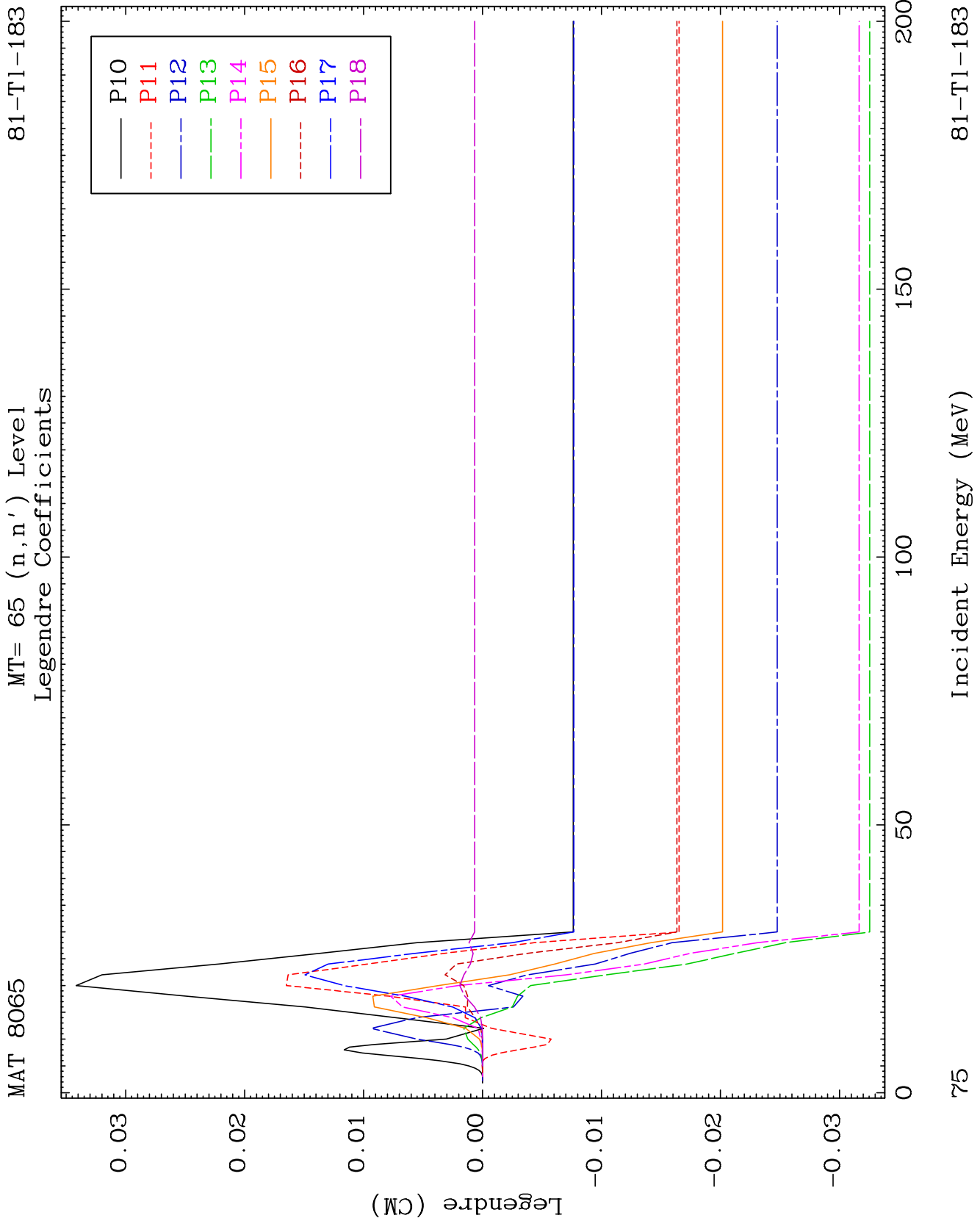


73

Incident Energy (MeV)

81-T1-183





81-Tl-183

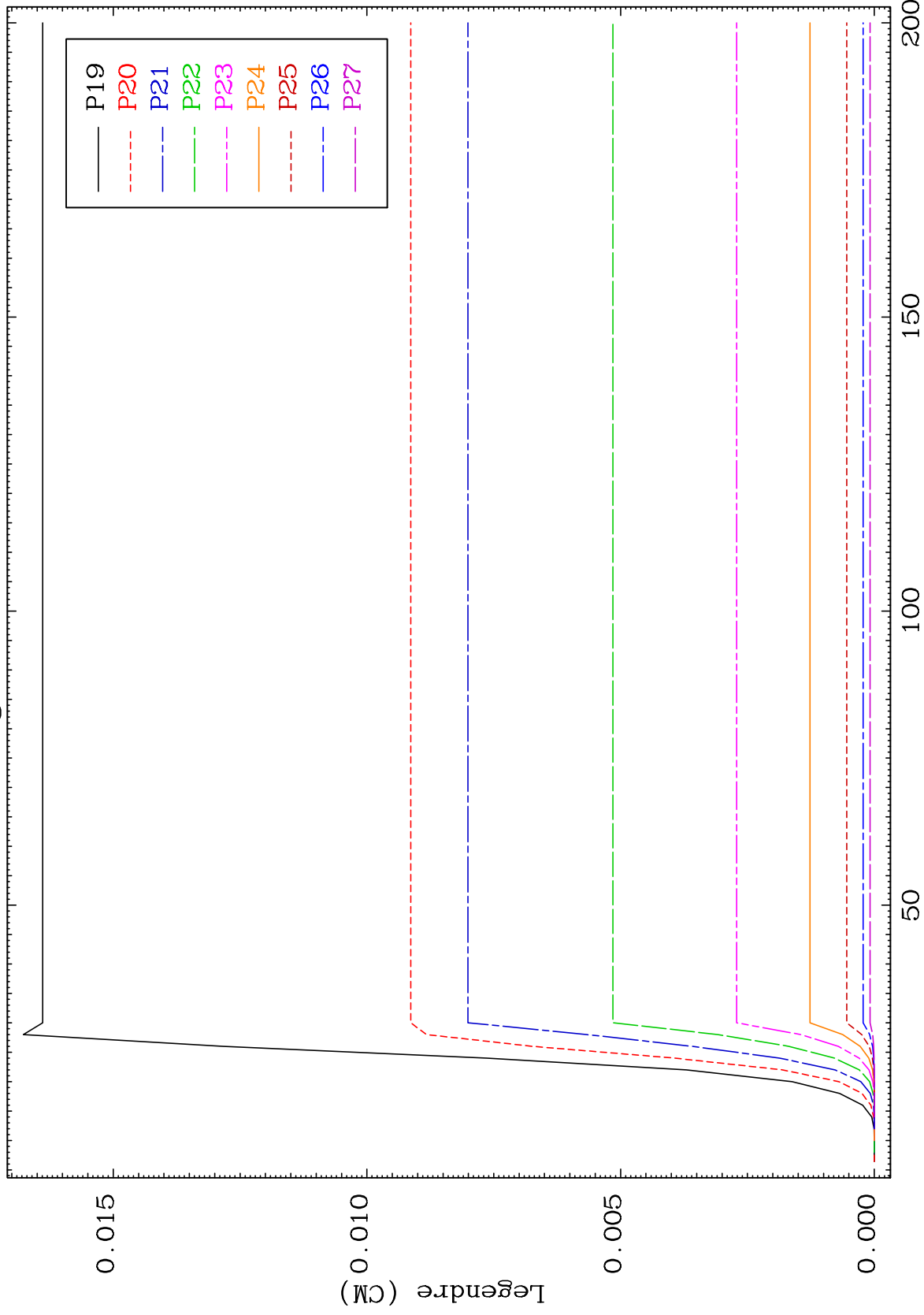
Incident Energy (MeV)

75

MAT 8065

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

81-Tl-183



76

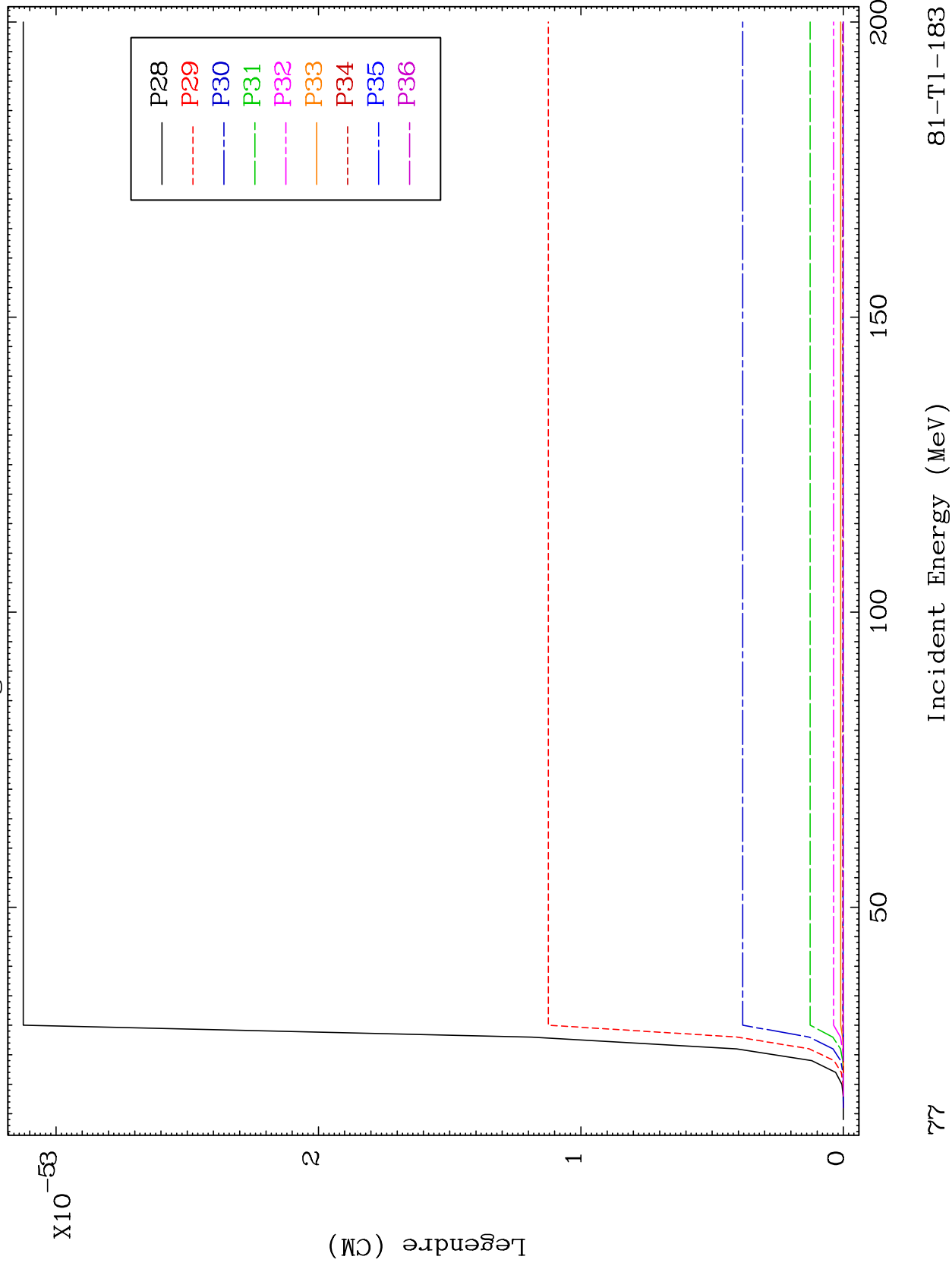
Incident Energy (MeV)

81-Tl-183

MAT 8065

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

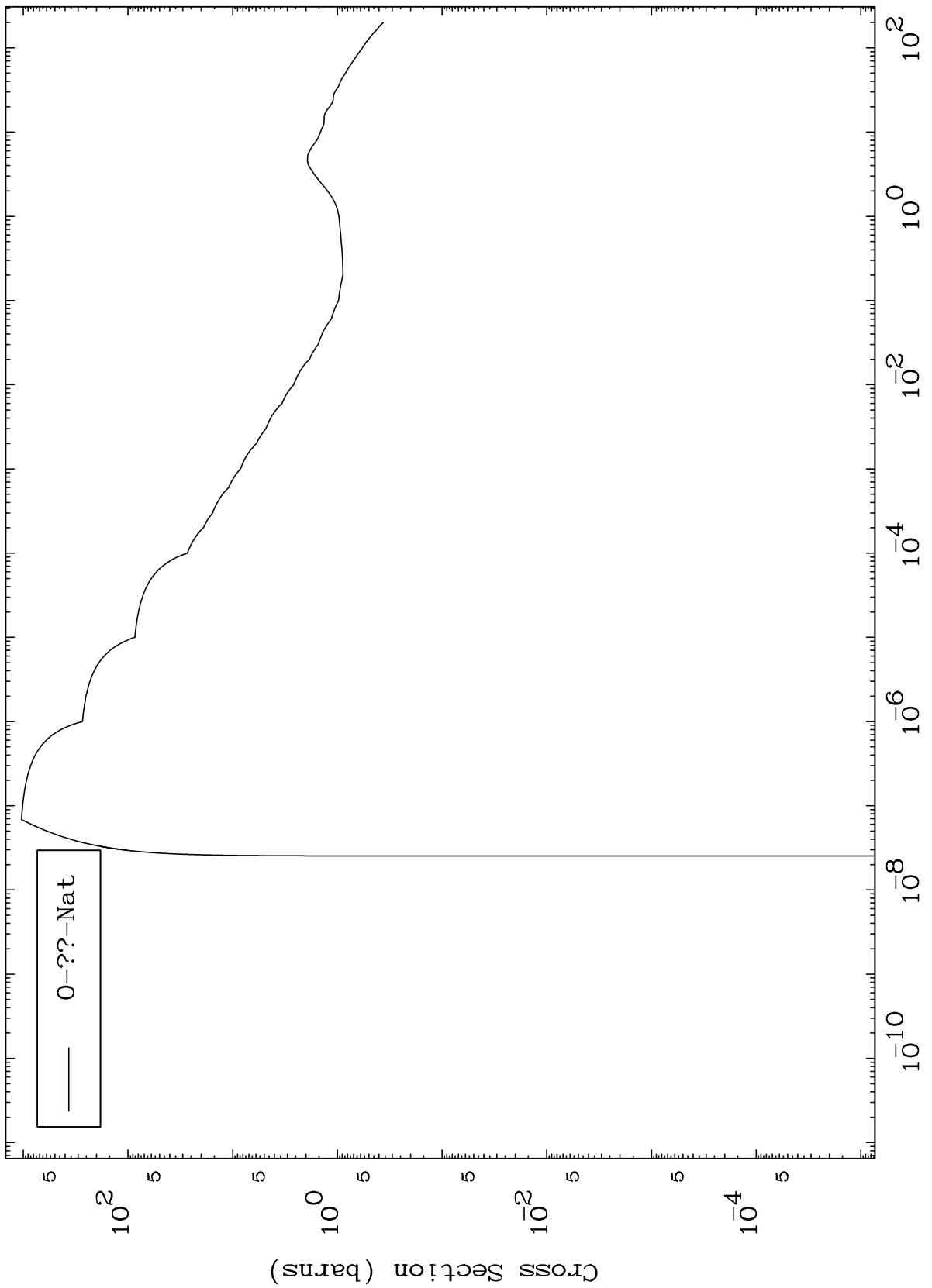
81-Tl-183



MAT 8065

81-Tl-183

Fission  
Radionuclide Production Cross Section



78

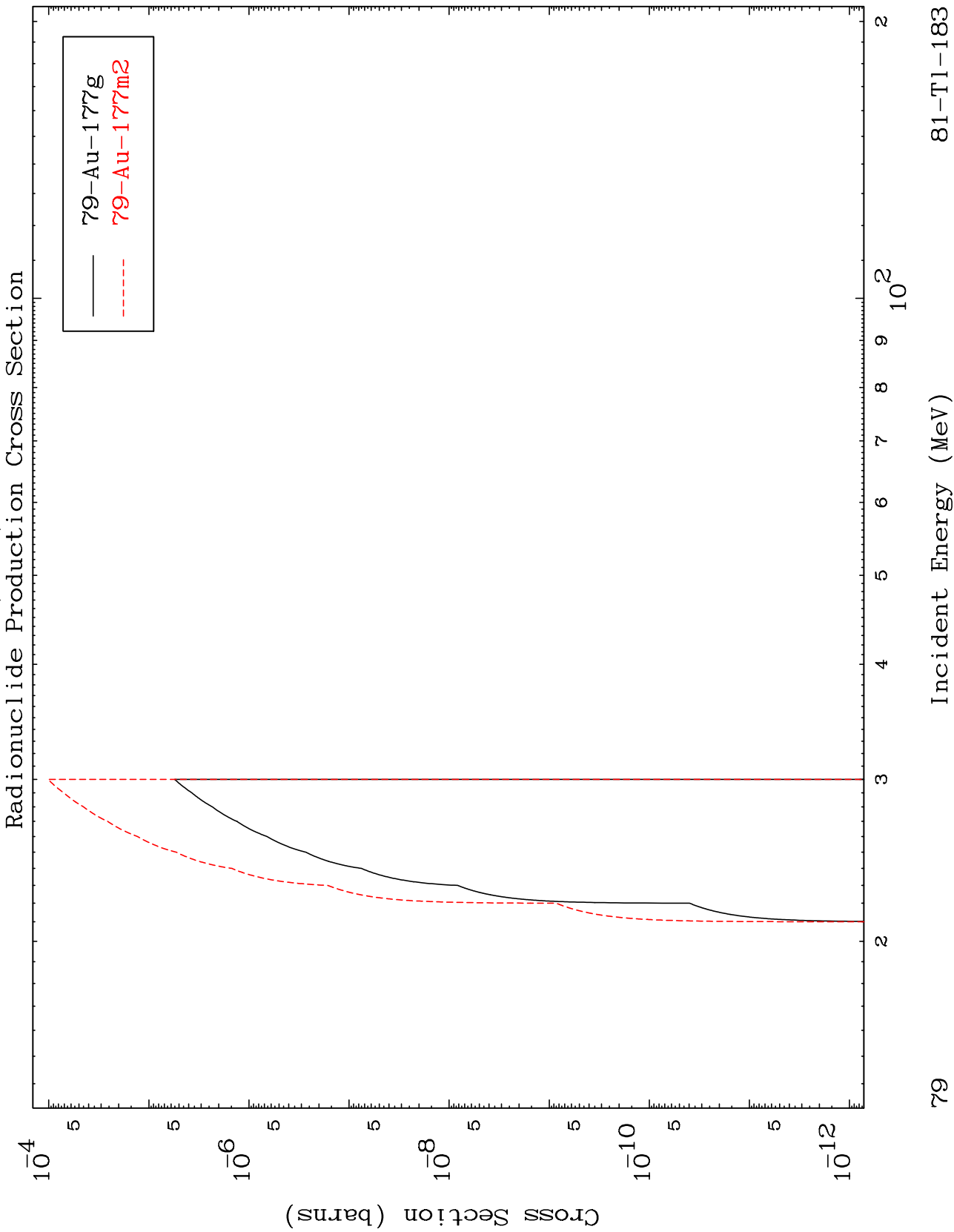
81-Tl-183

Incident Energy (MeV)

MAT 8065

(n,3n)  $\alpha$

81-Tl-183



79

Incident Energy (MeV)

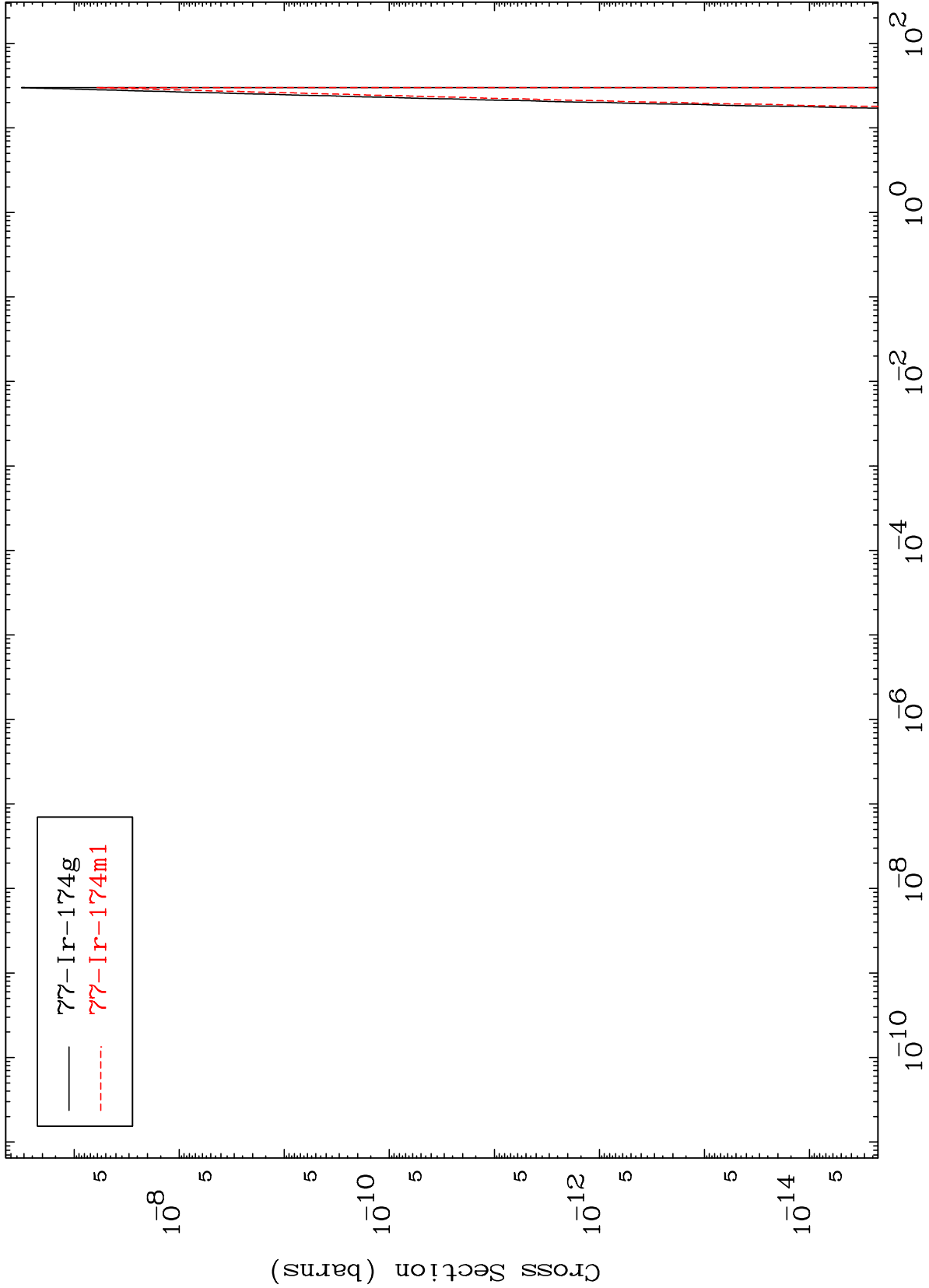
81-Tl-183

MAT 8065

(n,2n) 2 $\alpha$

81-Tl-183

Radionuclide Production Cross Section



80

Incident Energy (MeV)

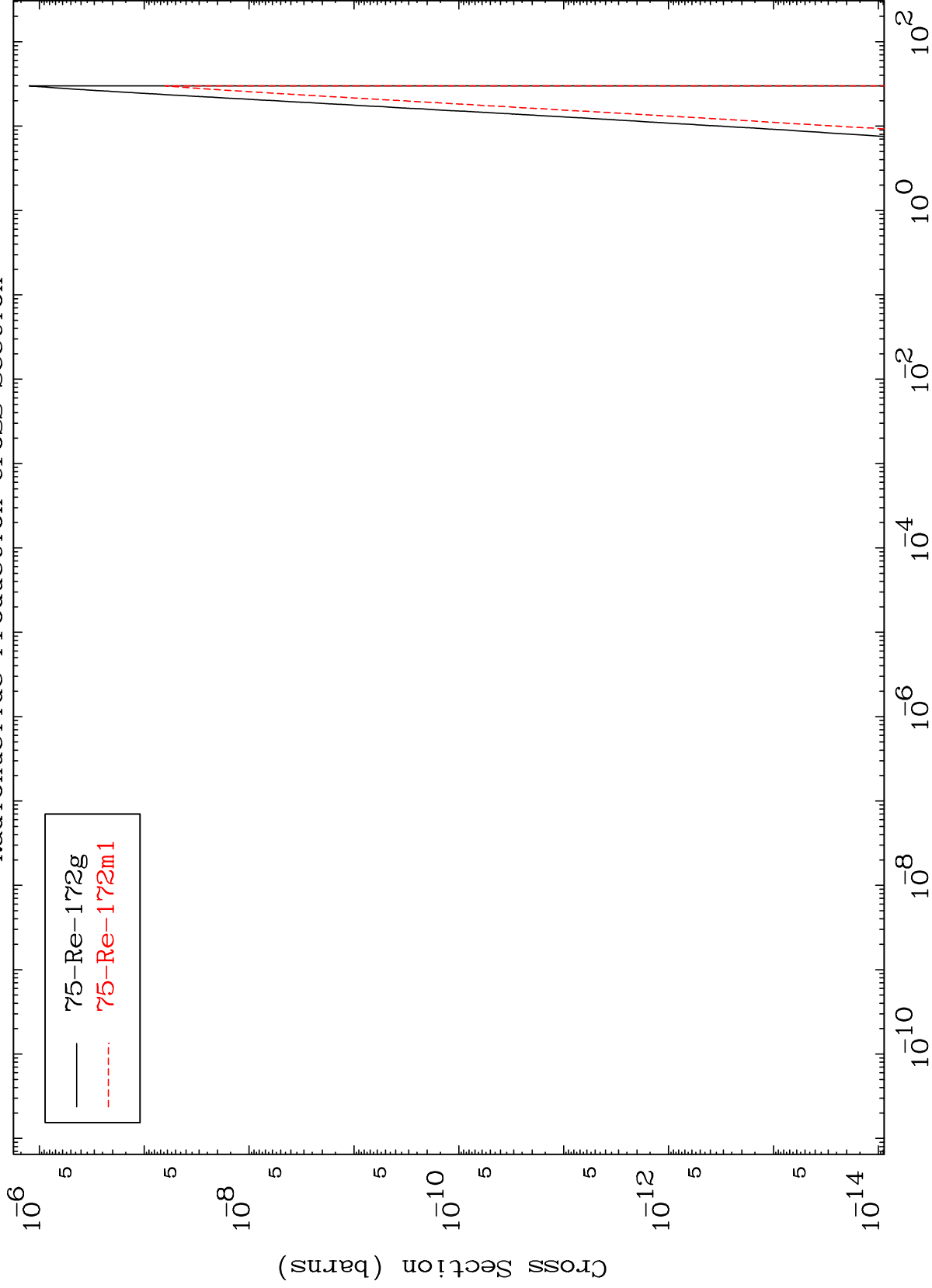
81-Tl-183

MAT 8065

(n,3 $\alpha$ )

81-Tl-183

Radionuclide Production Cross Section



81

Incident Energy (MeV)

81-Tl-183