

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

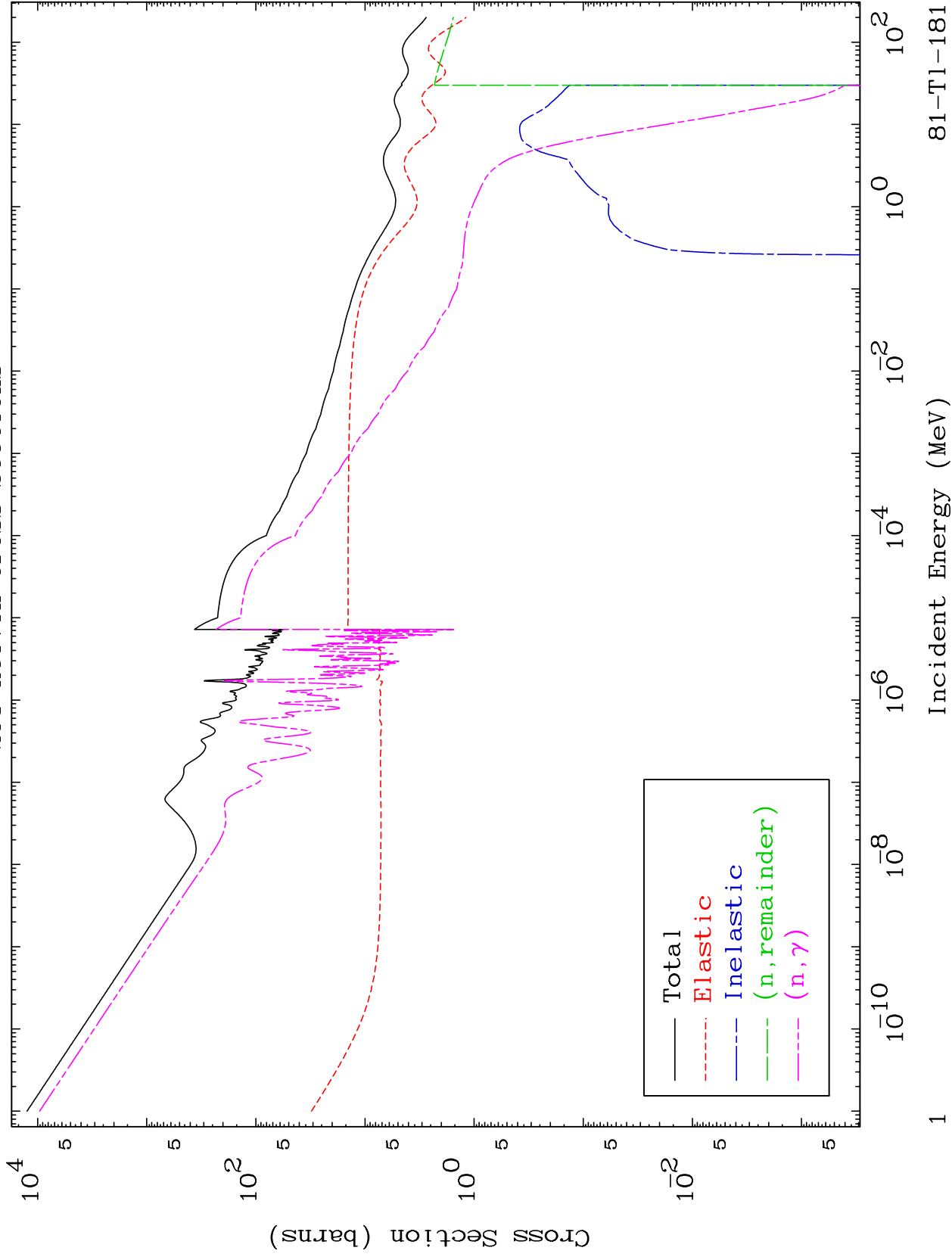
Press Mouse Button to Start

MAT 8059

Major

293 Kelvin Cross Sections

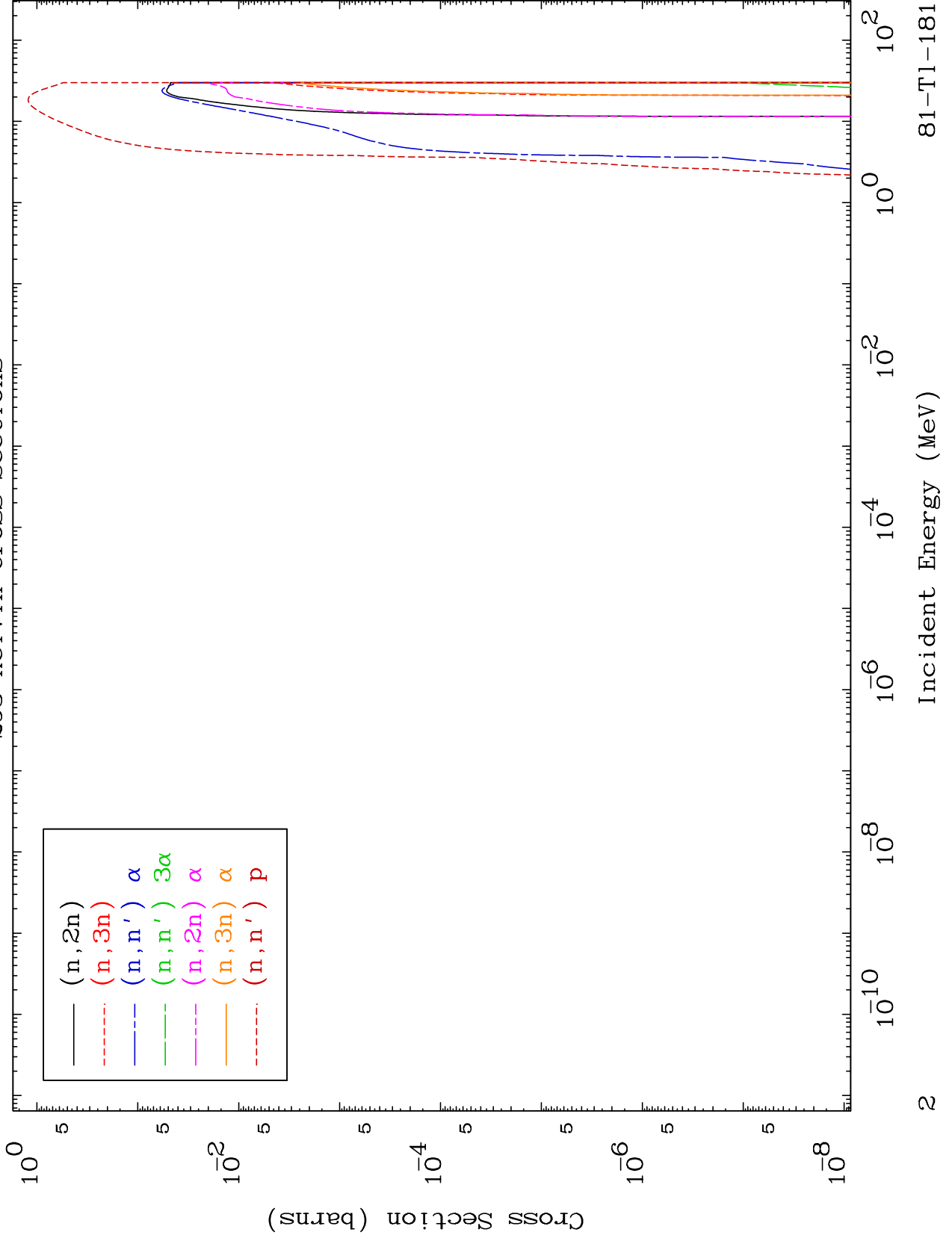
81-Tl-181



MAT 8059

Neutron Production  
293 Kelvin Cross Sections

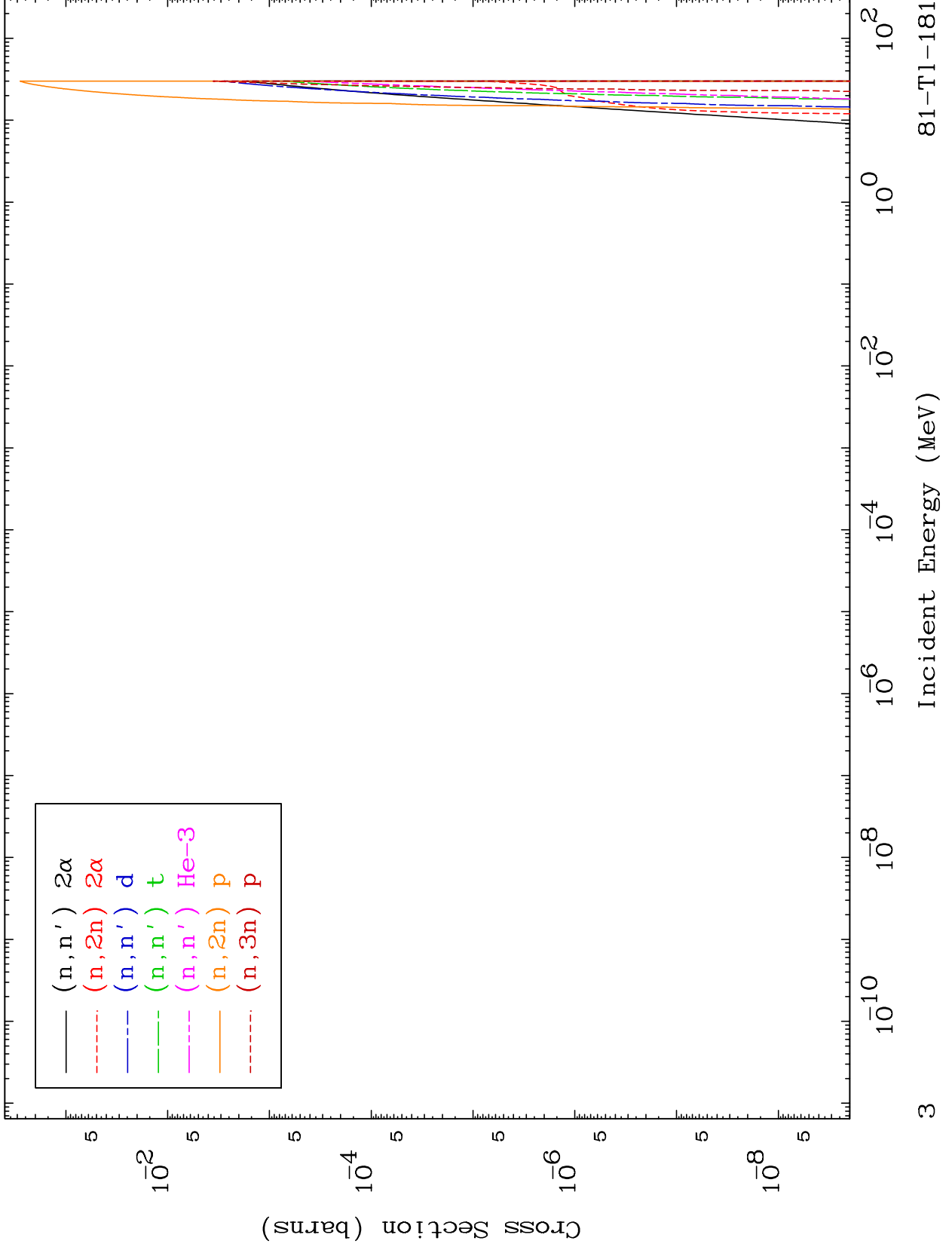
81-Tl-181



MAT 8059

Neutron Production  
293 Kelvin Cross Sections

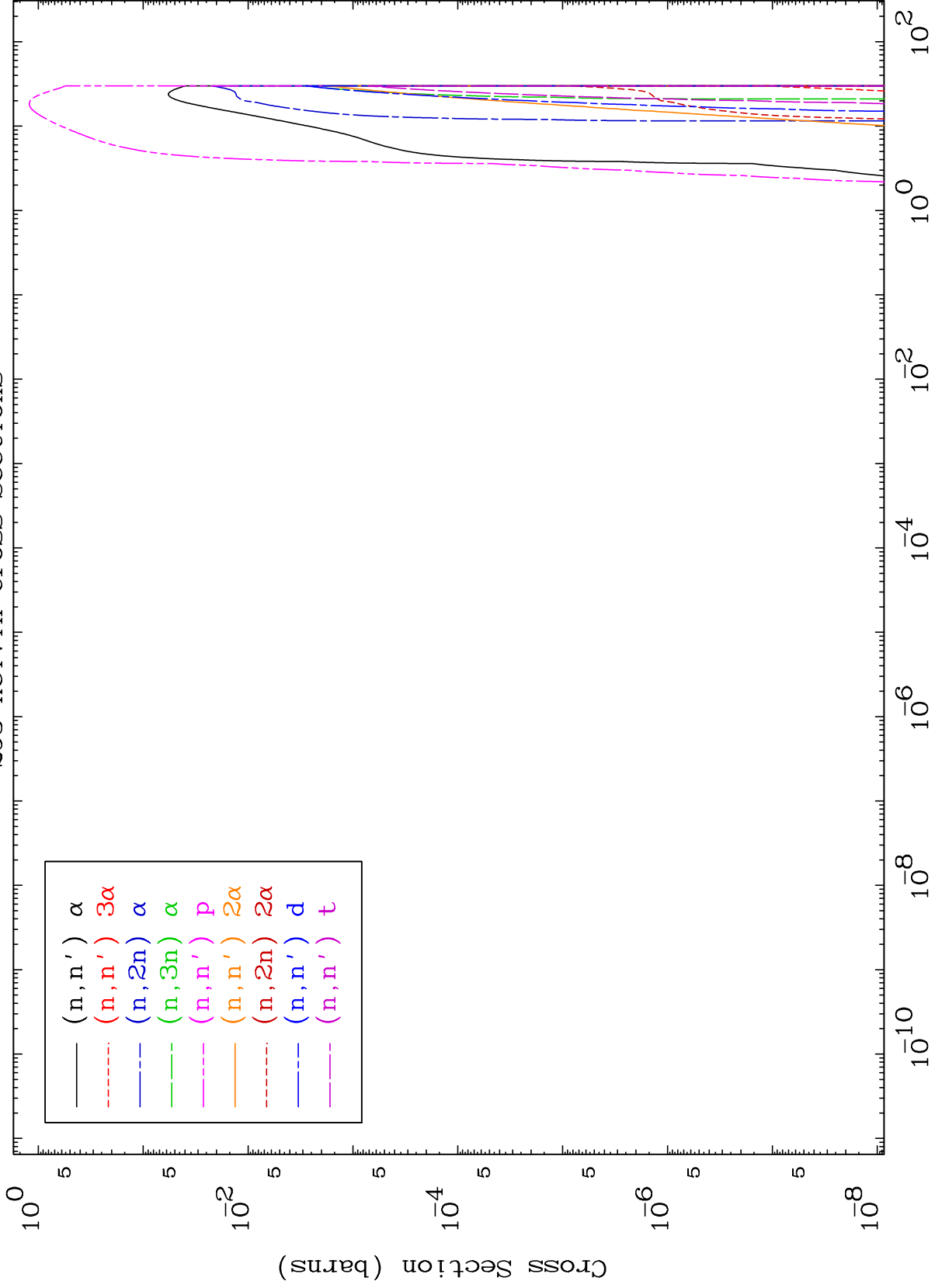
81-Tl-181



MAT 8059

Charged Particle  
293 Kelvin Cross Sections

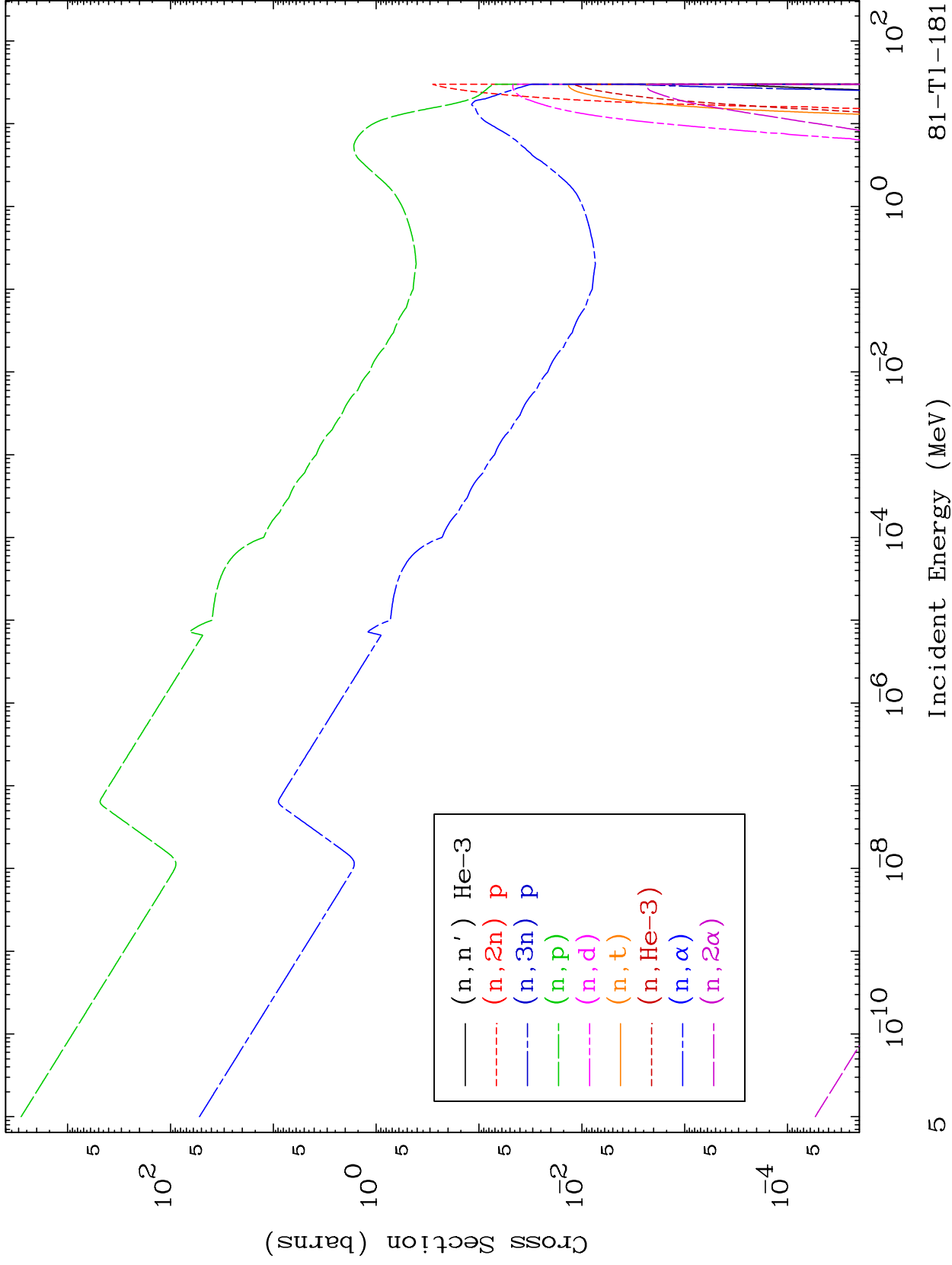
81-Tl-181



MAT 8059

Charged Particle  
293 Kelvin Cross Sections

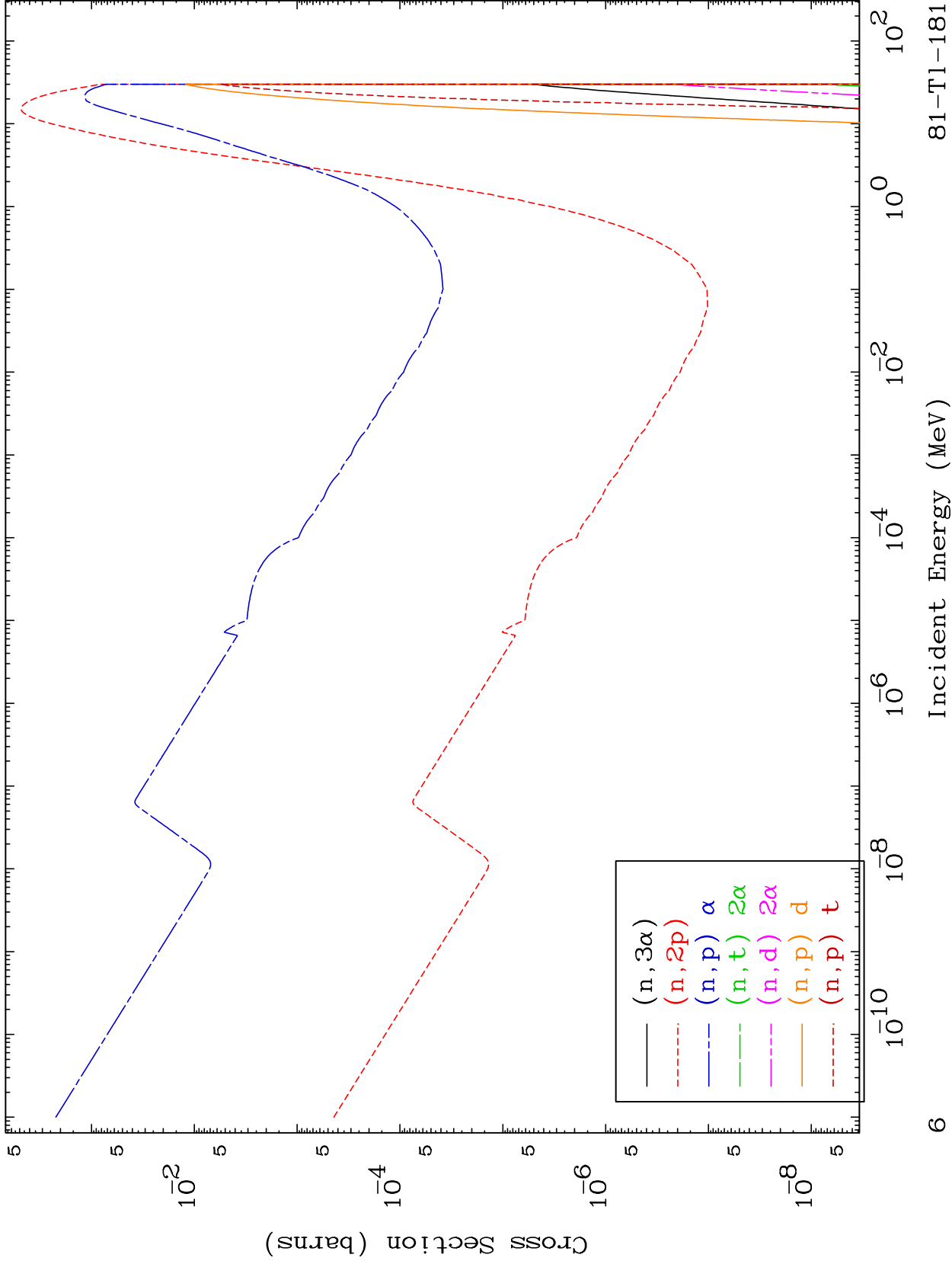
81-Tl-181

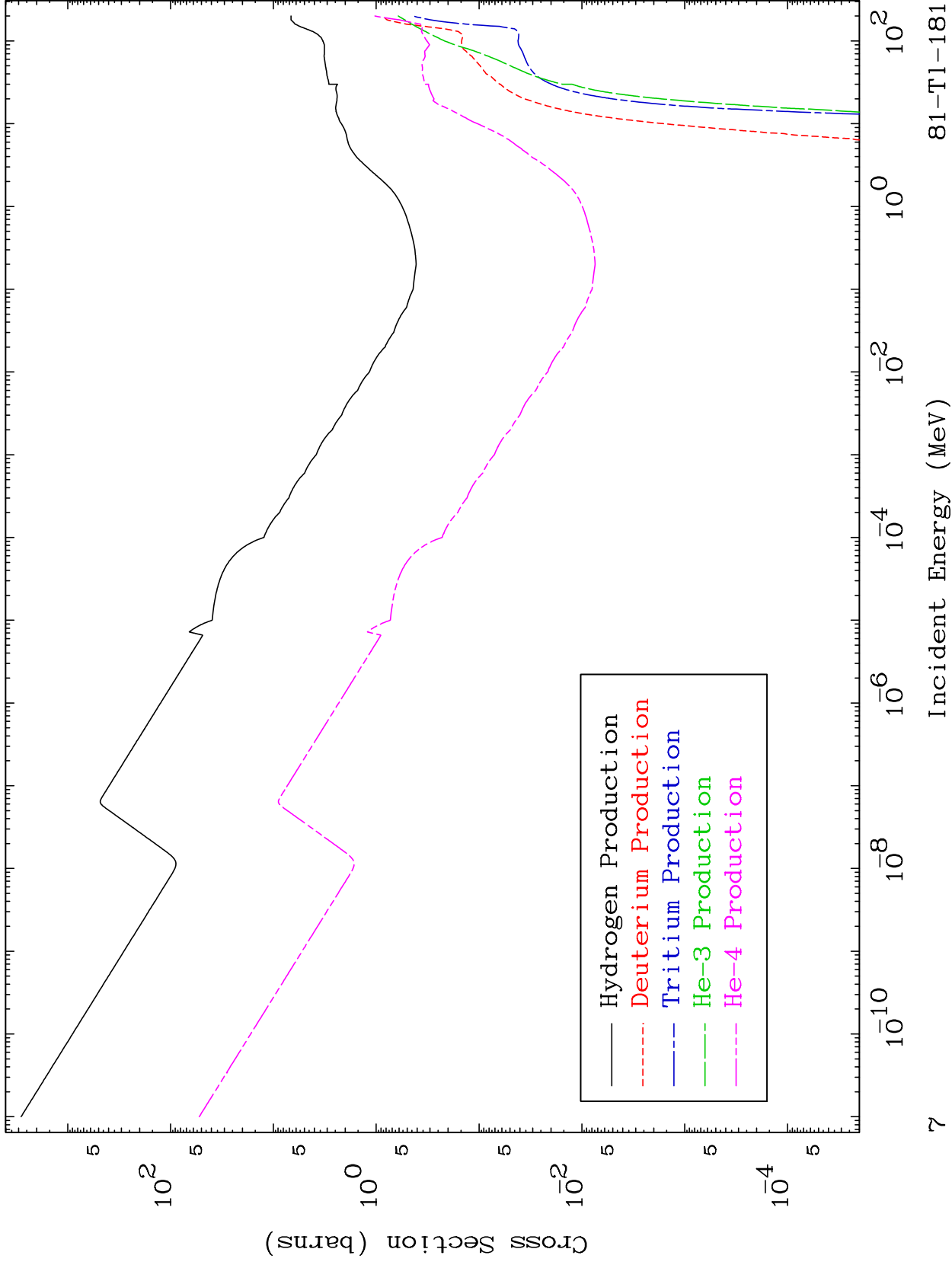


MAT 8059

Charged Particle  
293 Kelvin Cross Sections

81-Tl-181



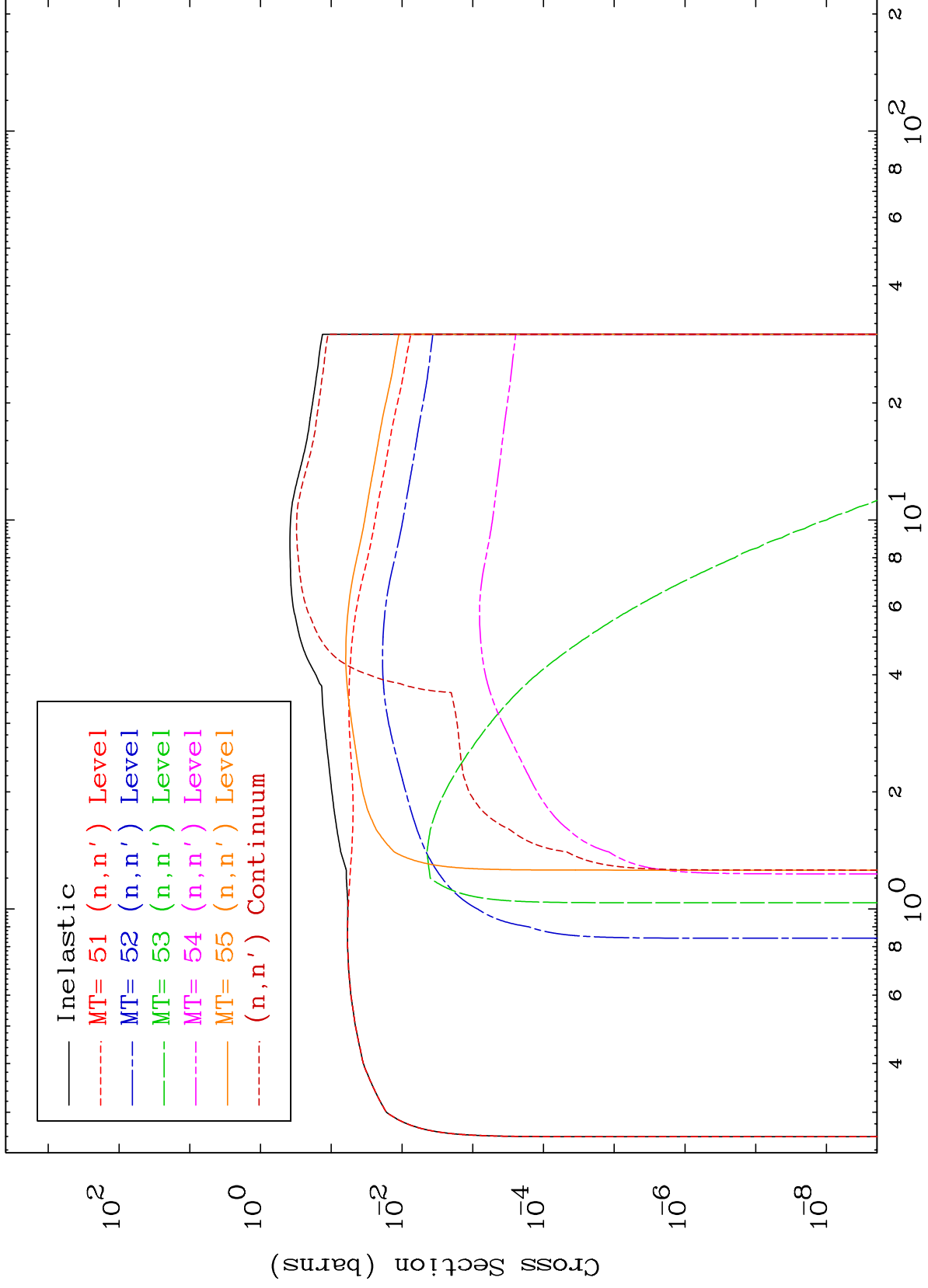




MAT 8059

293 Kelvin Cross Sections  
(n,n') Level

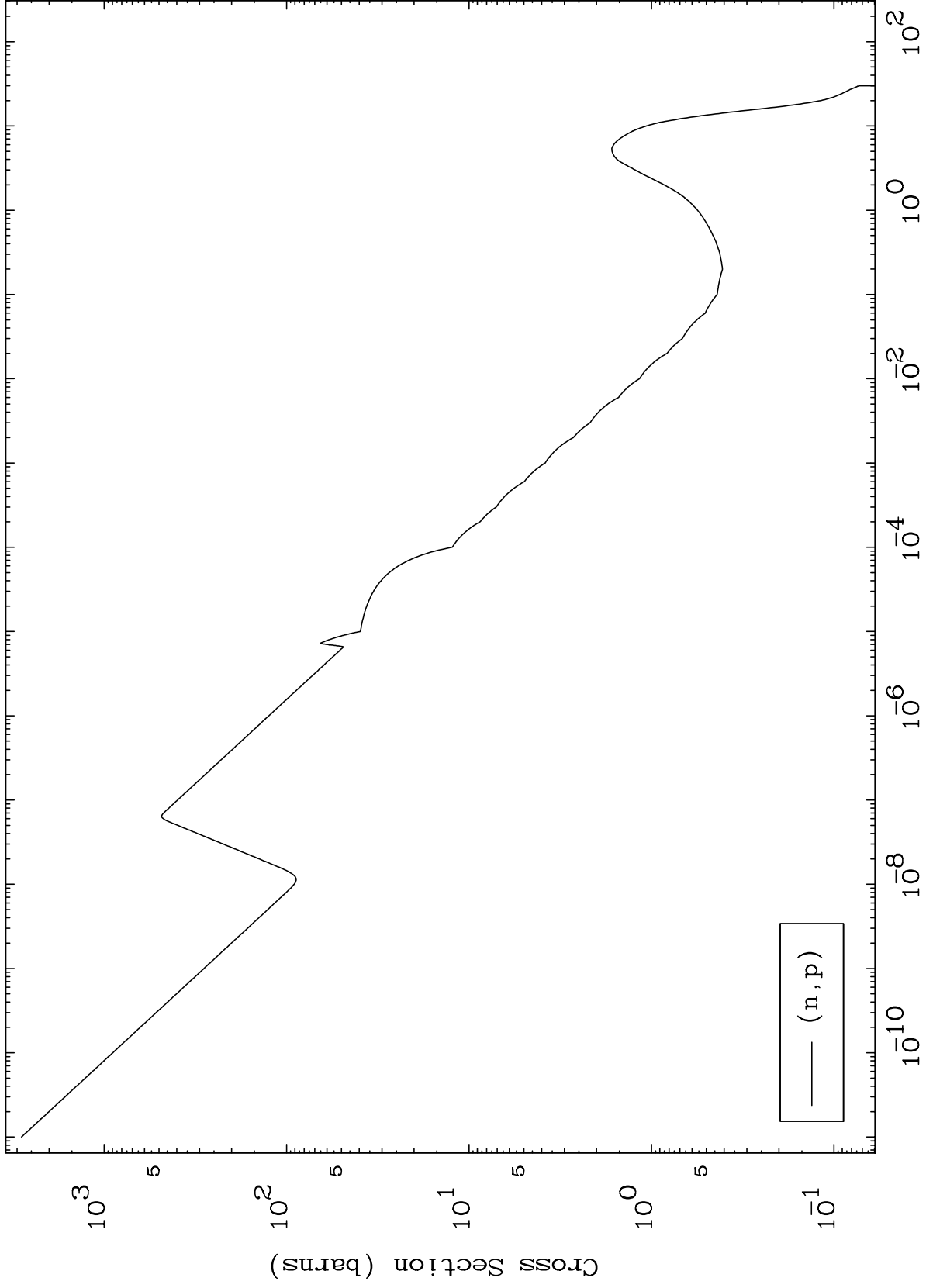
81-Tl-181



MAT 8059

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-181

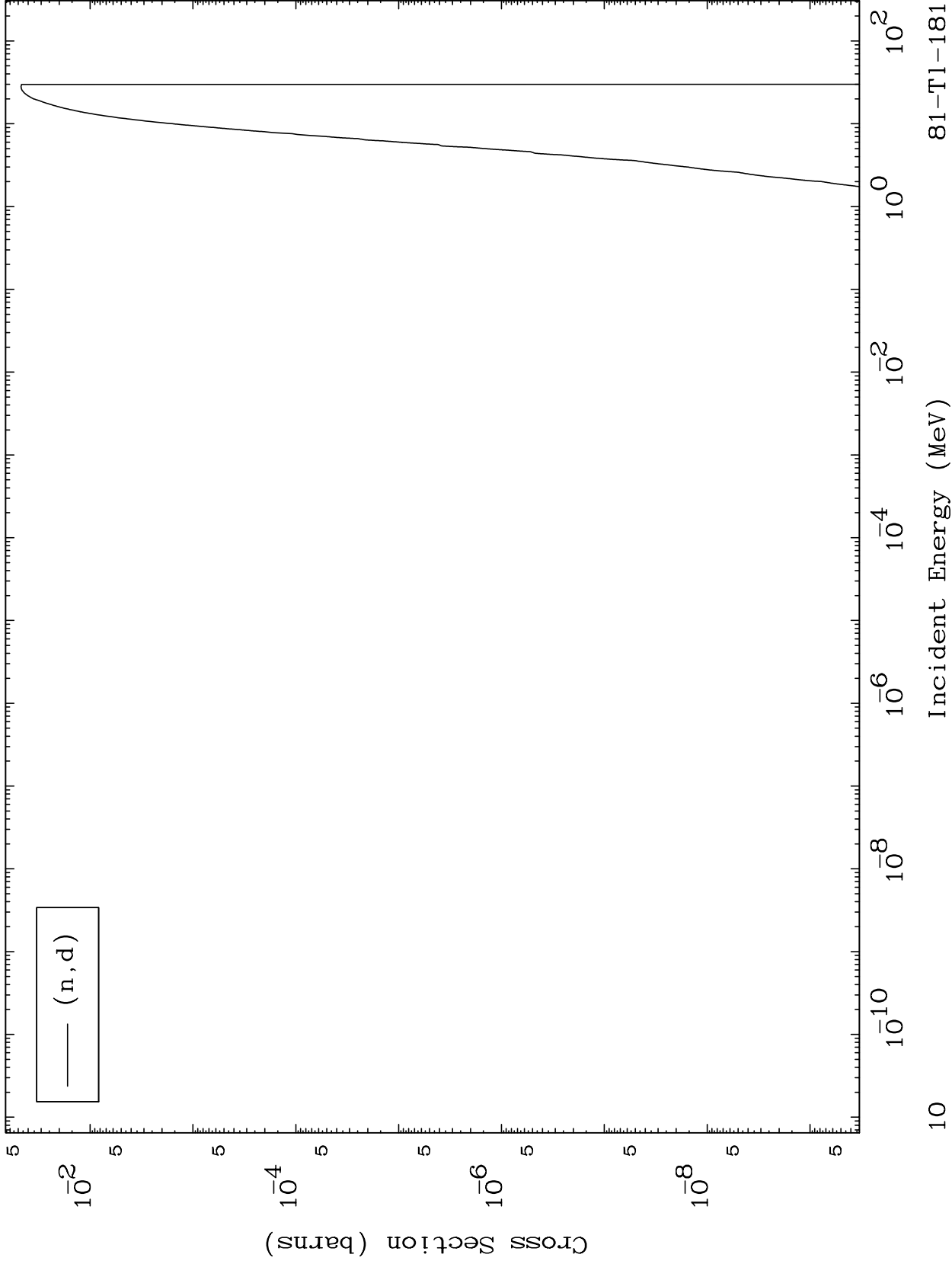


(n,p)

MAT 8059

(n,d) Levels  
293 Kelvin Cross Sections

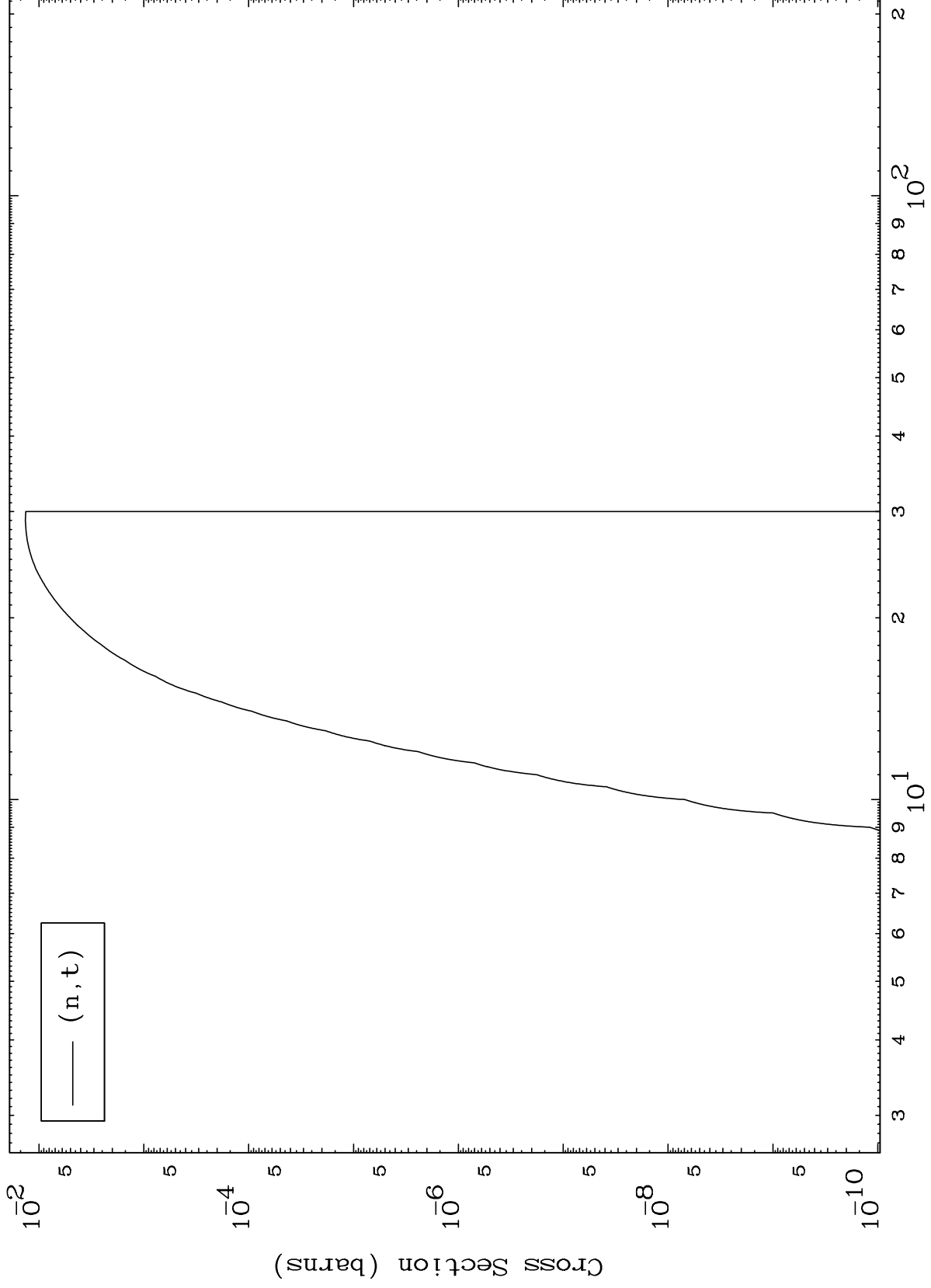
81-Tl-181



MAT 8059

(n,t) Levels  
293 Kelvin Cross Sections

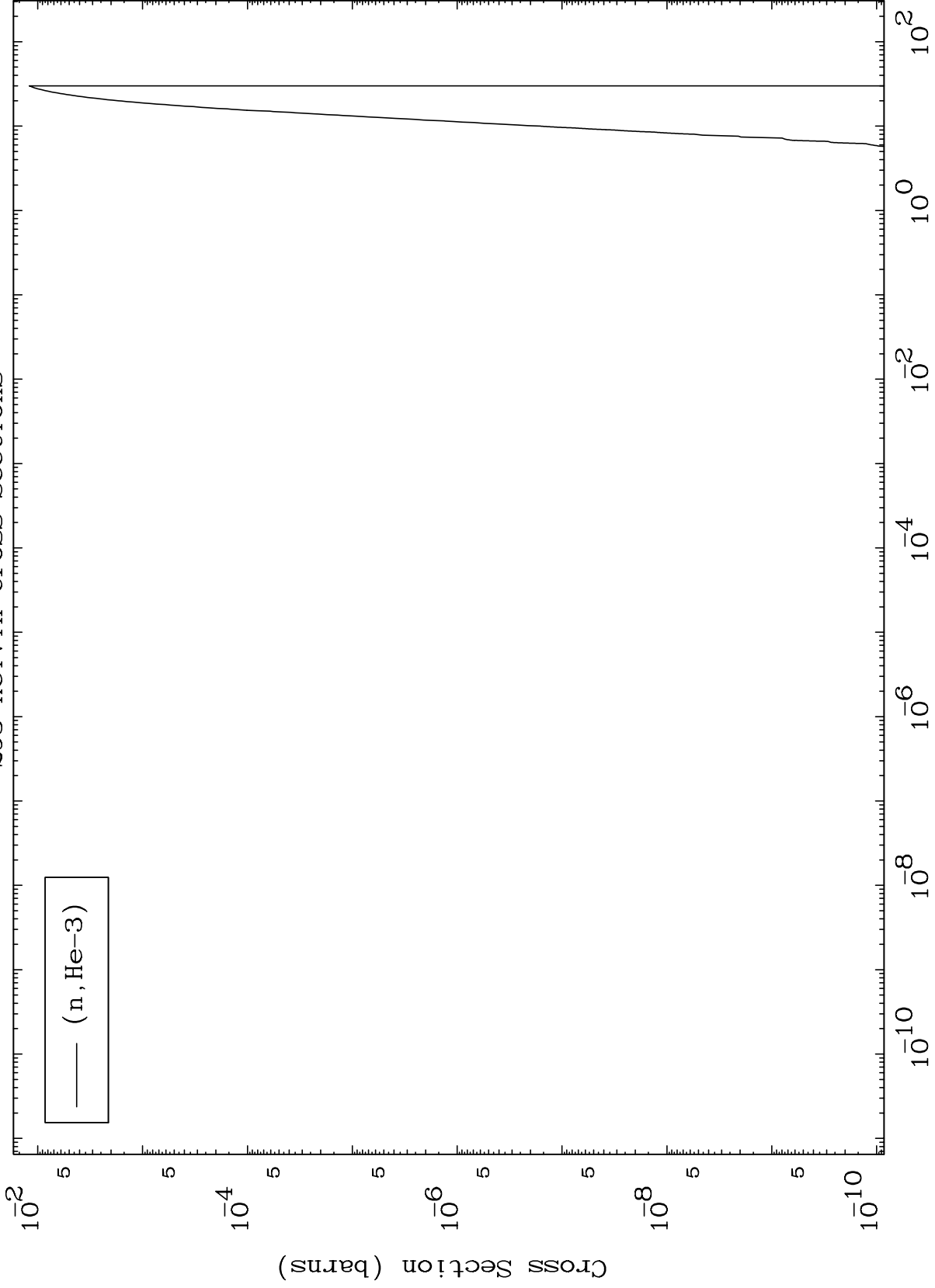
81-Tl-181



MAT 8059

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-181



12

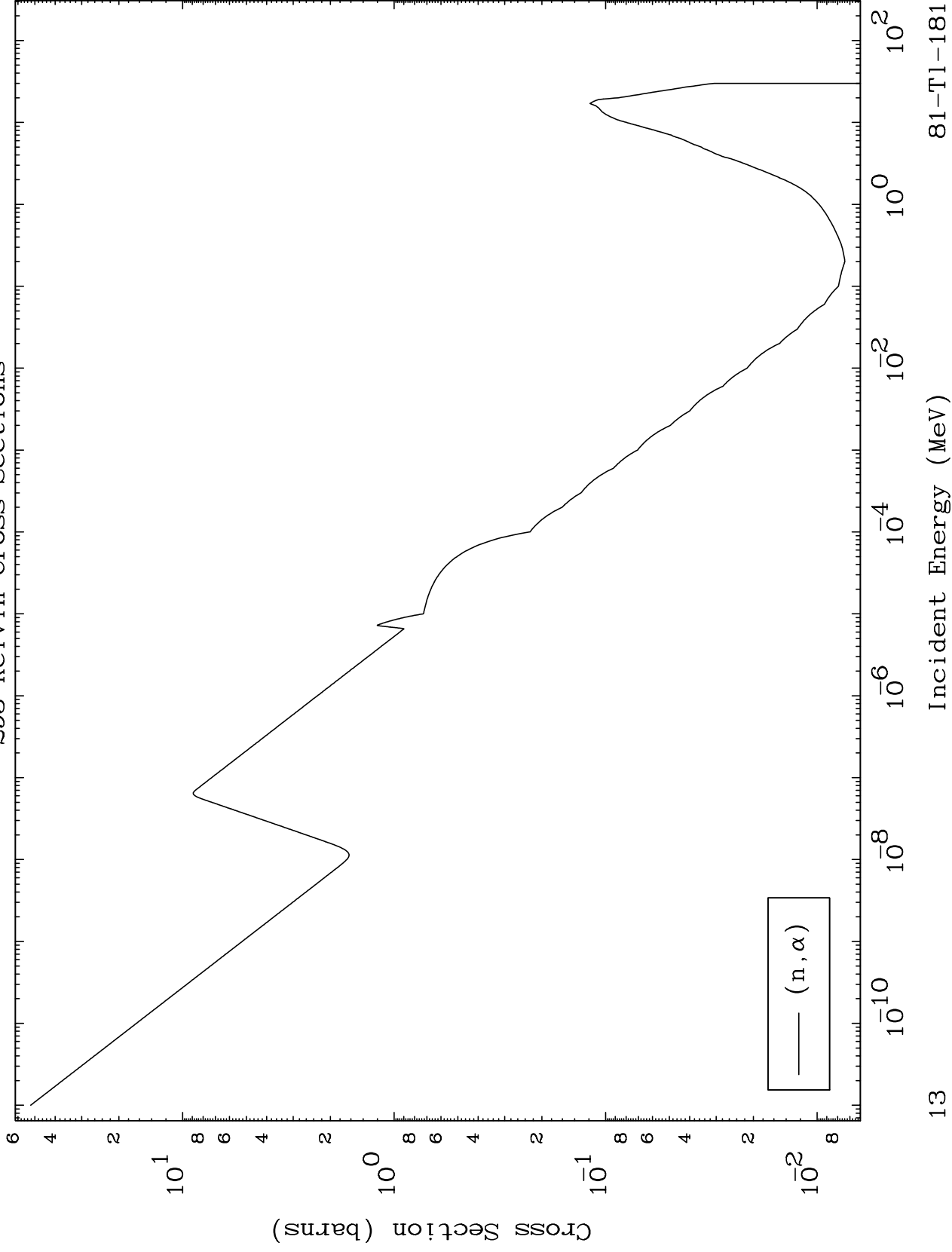
Incident Energy (MeV)

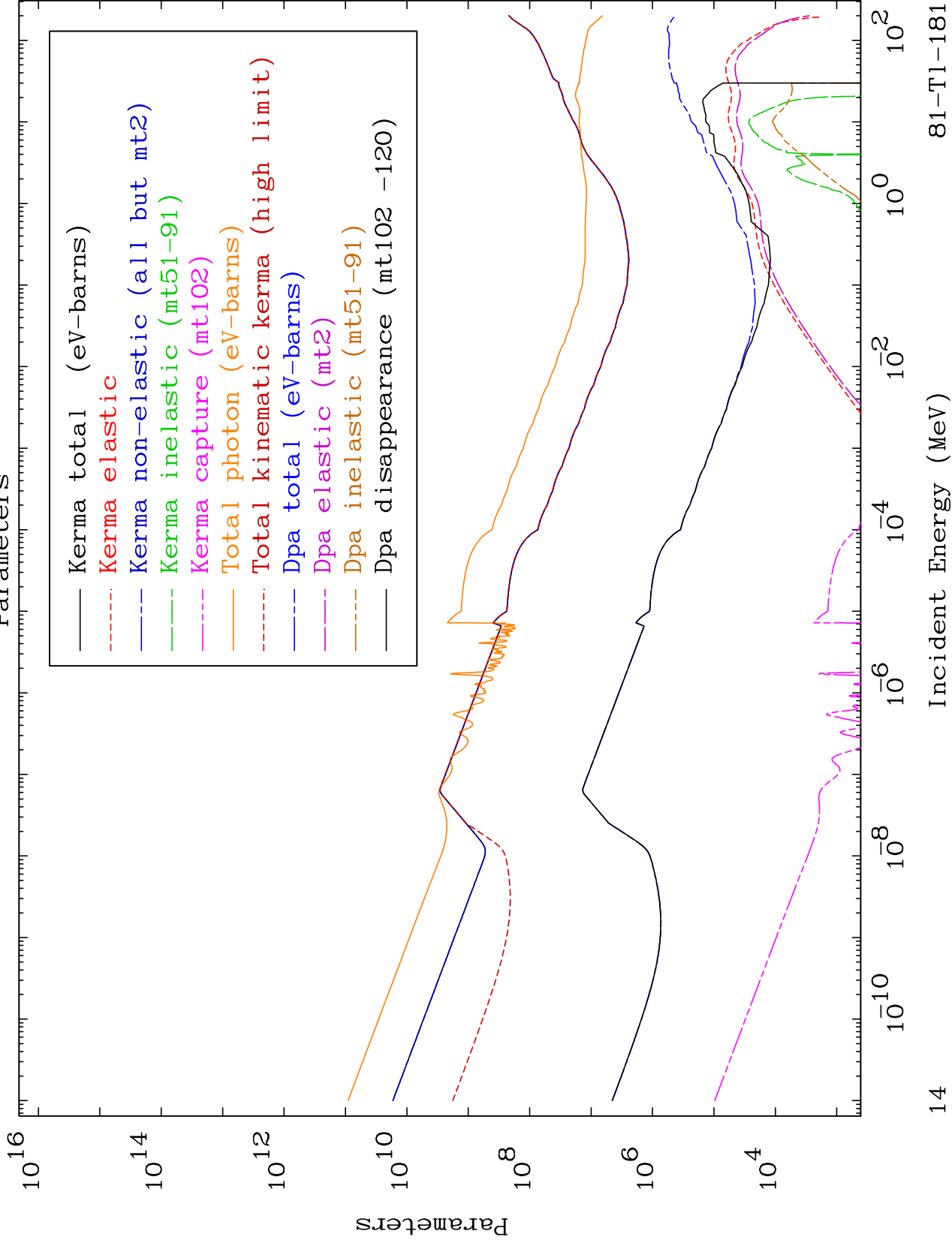
81-Tl-181

MAT 8059

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-181

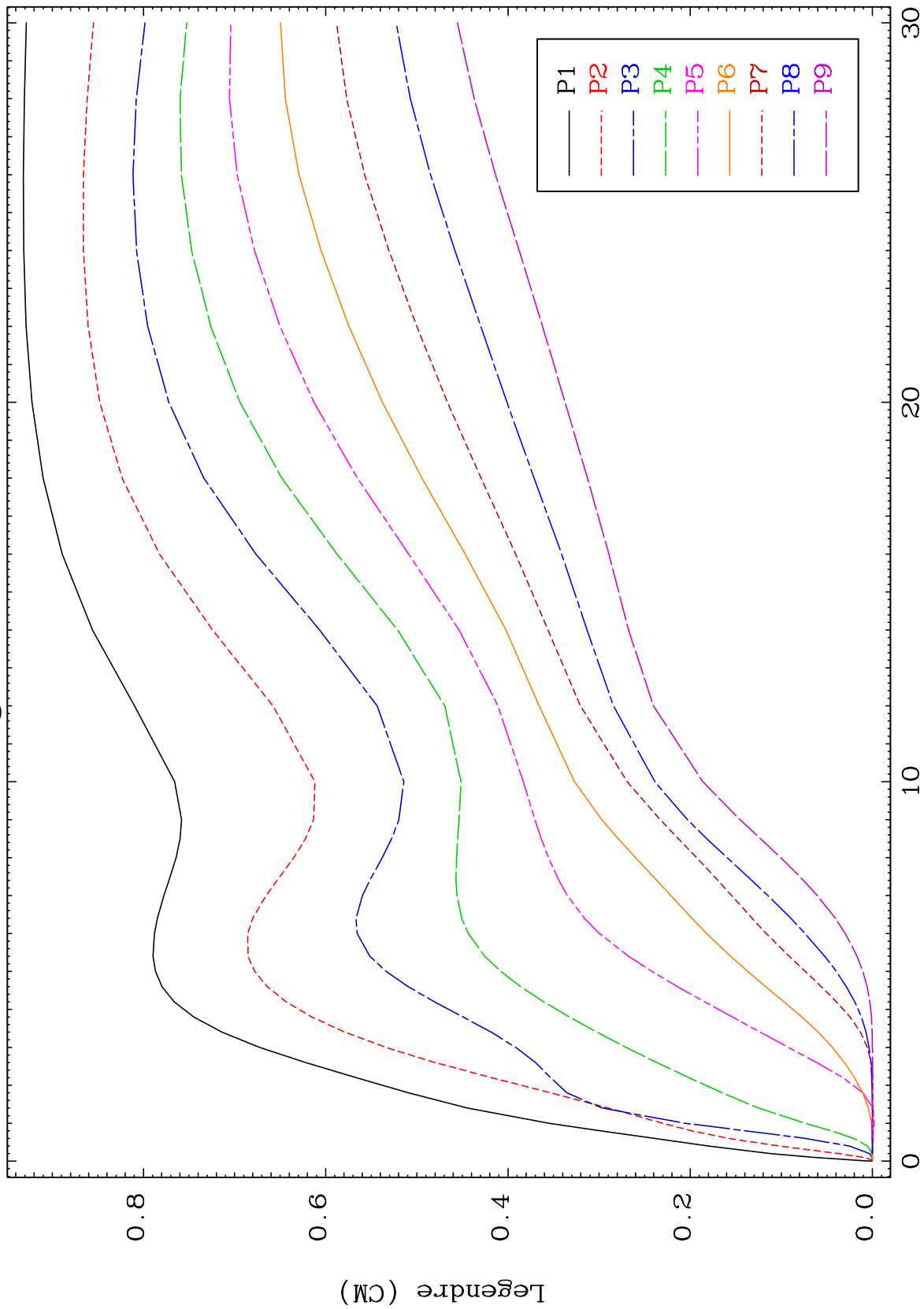




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Elastic Legendre Coefficients

81-Tl-181



15

Incident Energy (MeV)

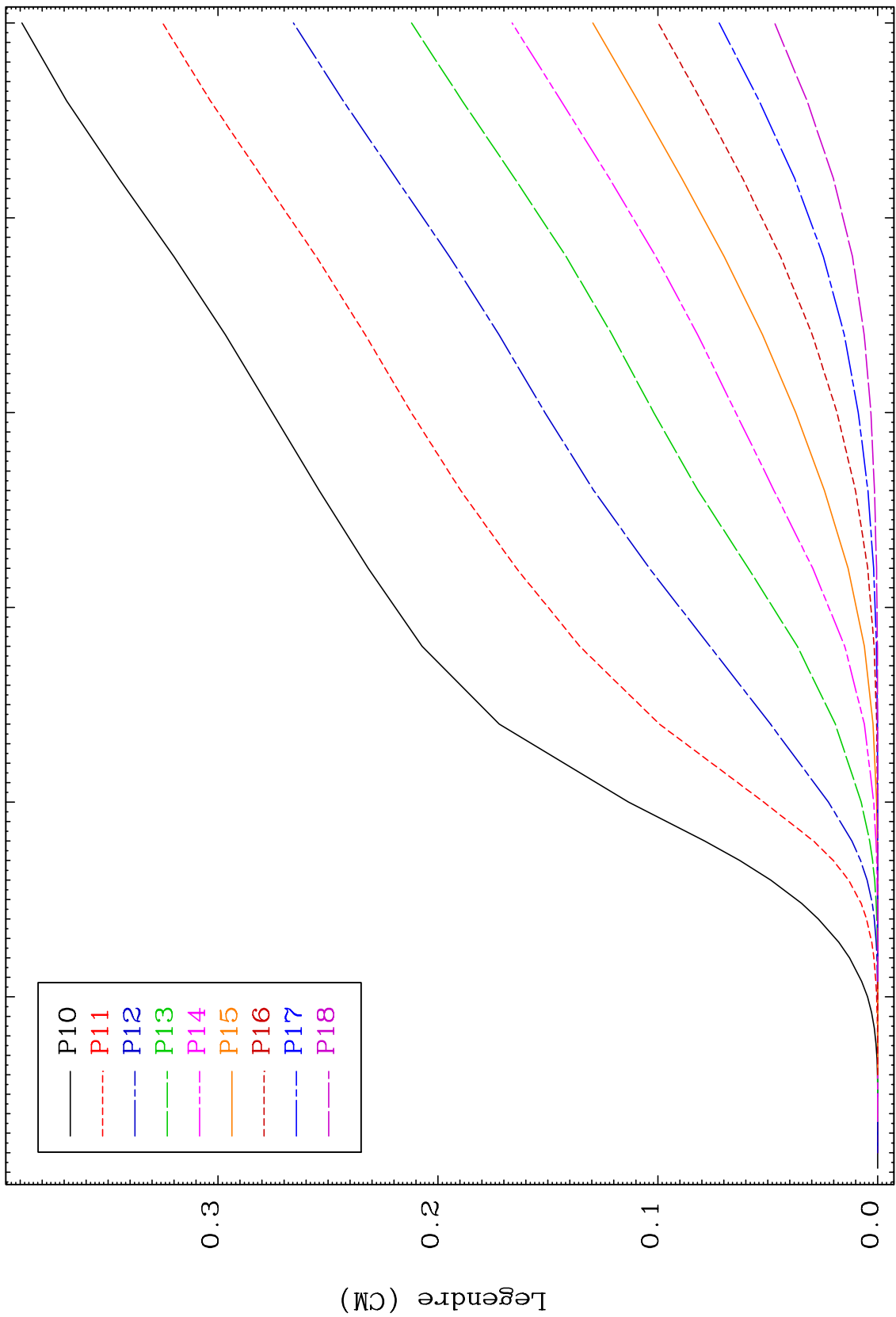
81-Tl-181



MAT 8059

Elastic Legendre Coefficients

81-Tl-181



16

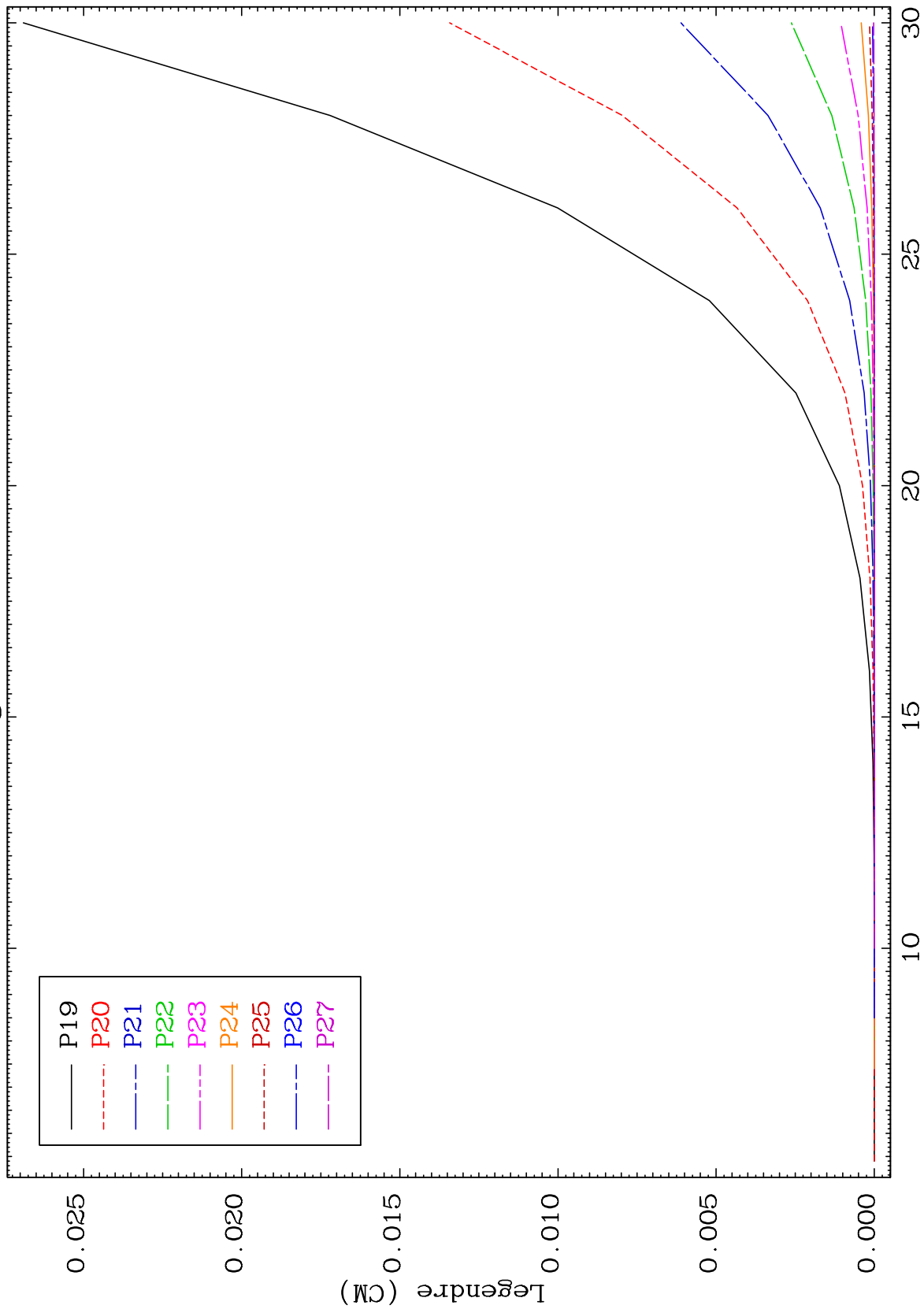
Incident Energy (MeV)

81-Tl-181

MAT 8059

### Elastic Legendre Coefficients

81-Tl-181



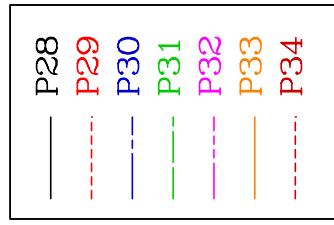
17

81-Tl-181

MAT 8059

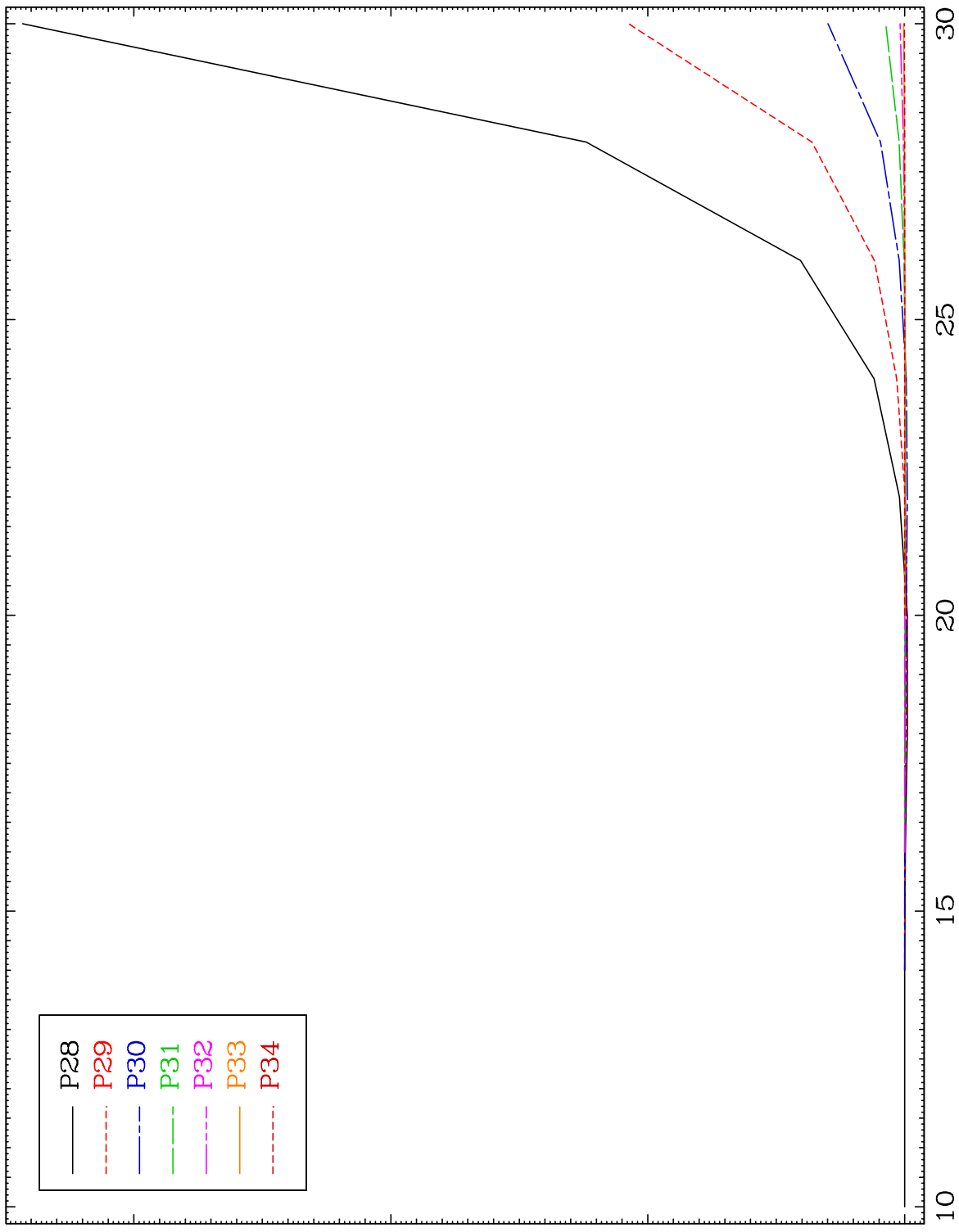
Elastic  
Legendre Coefficients

81-Tl-181



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

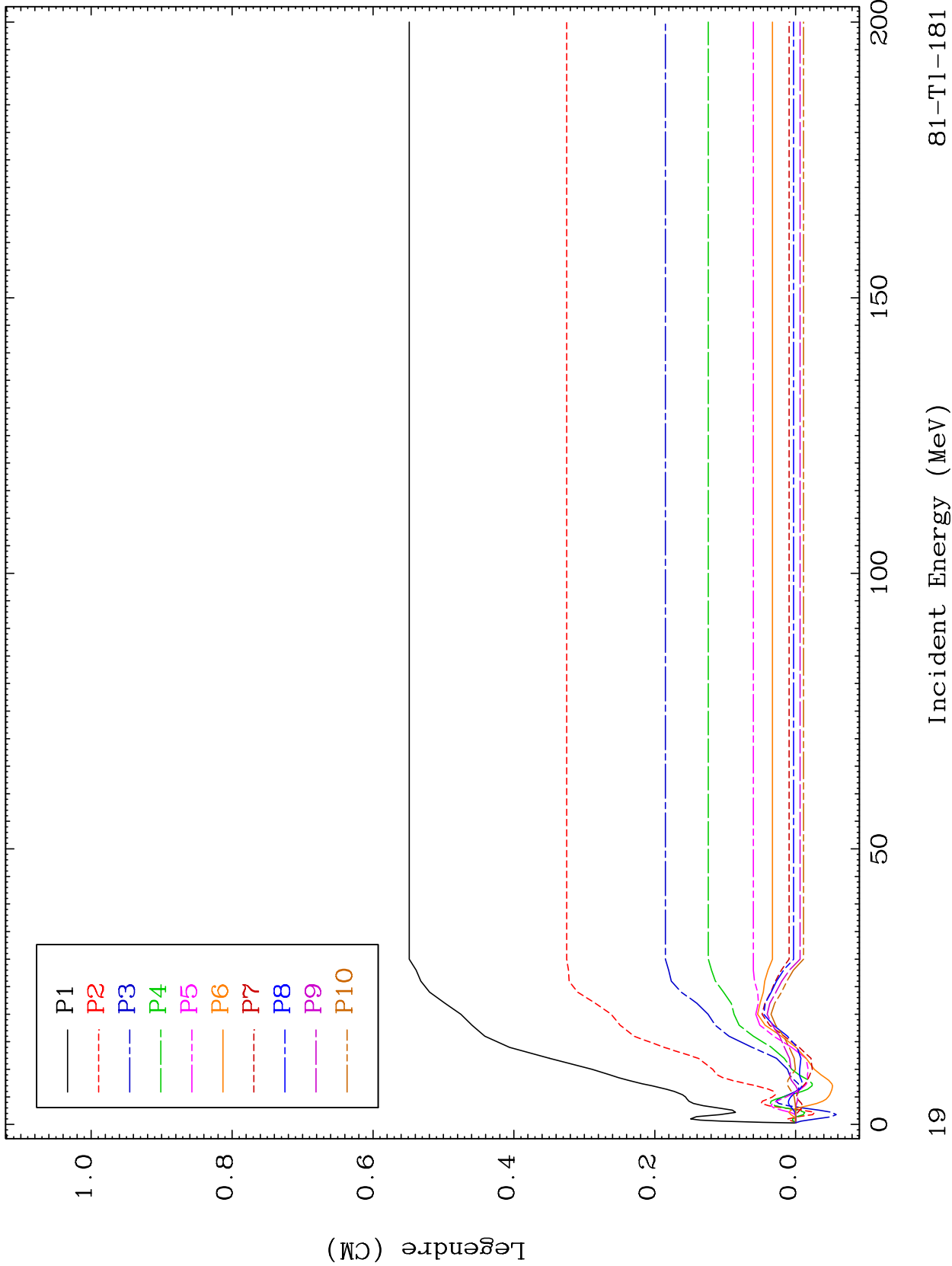
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

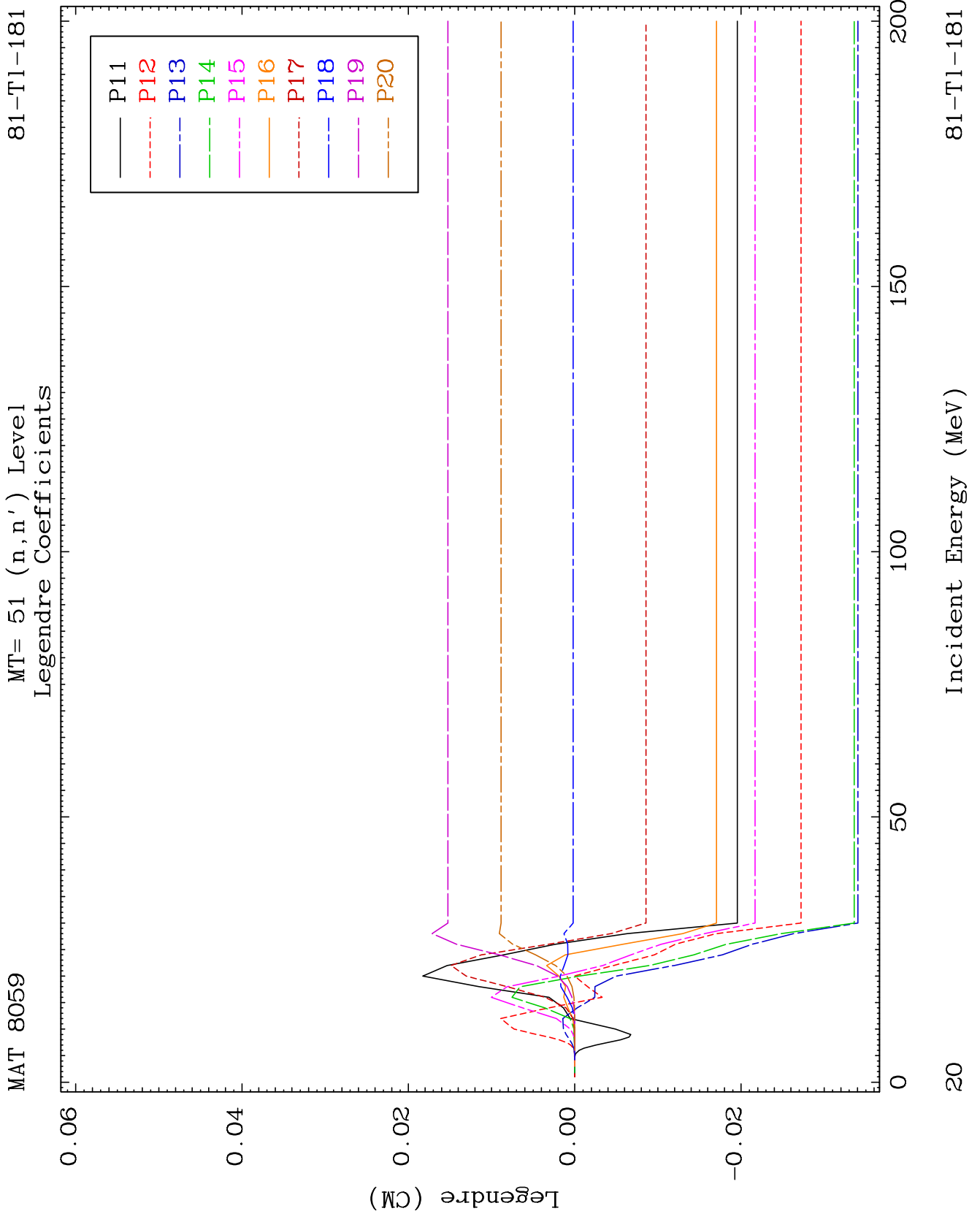
81-Tl-181

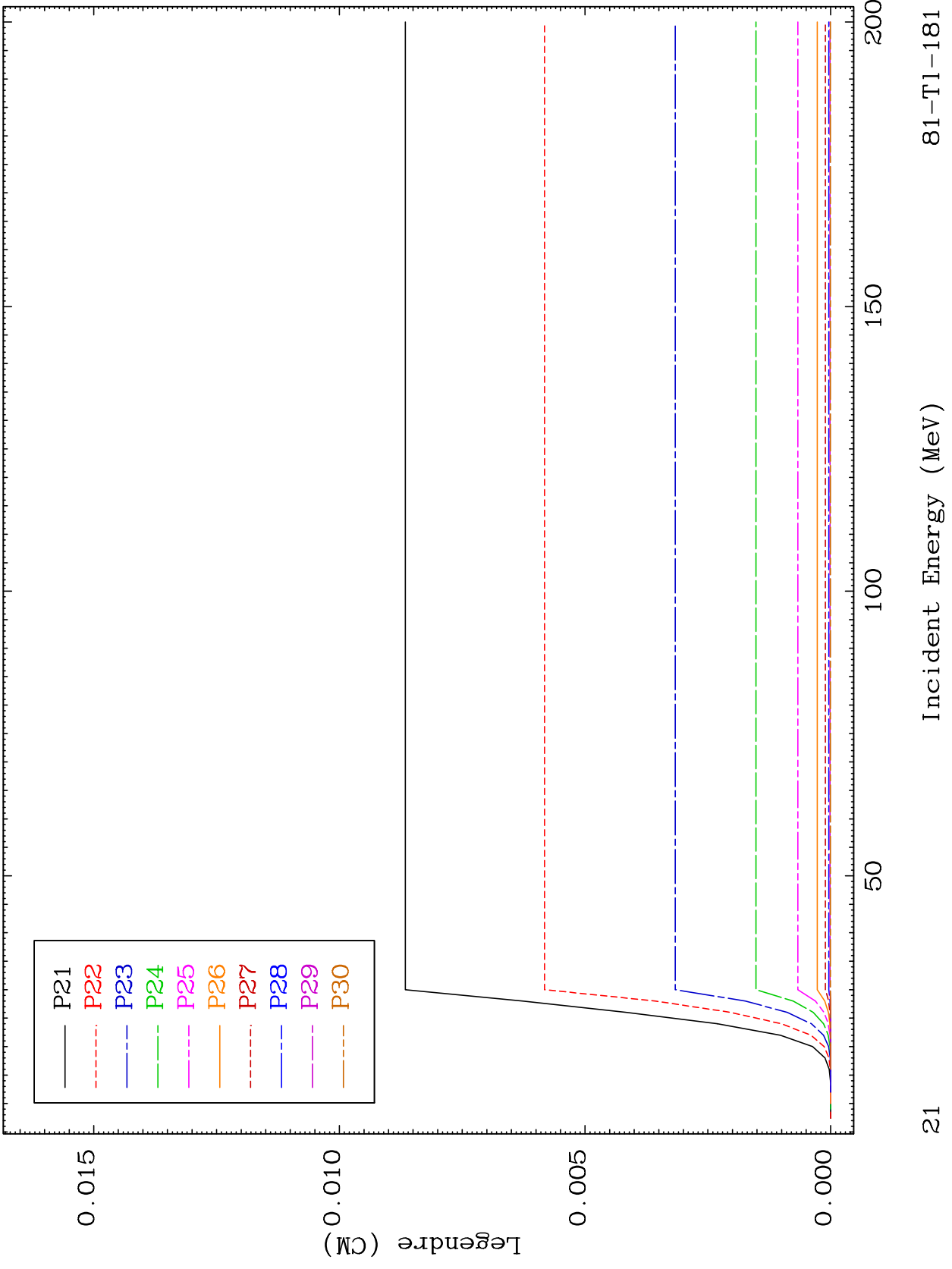


81-Tl-181

Incident Energy (MeV)

19

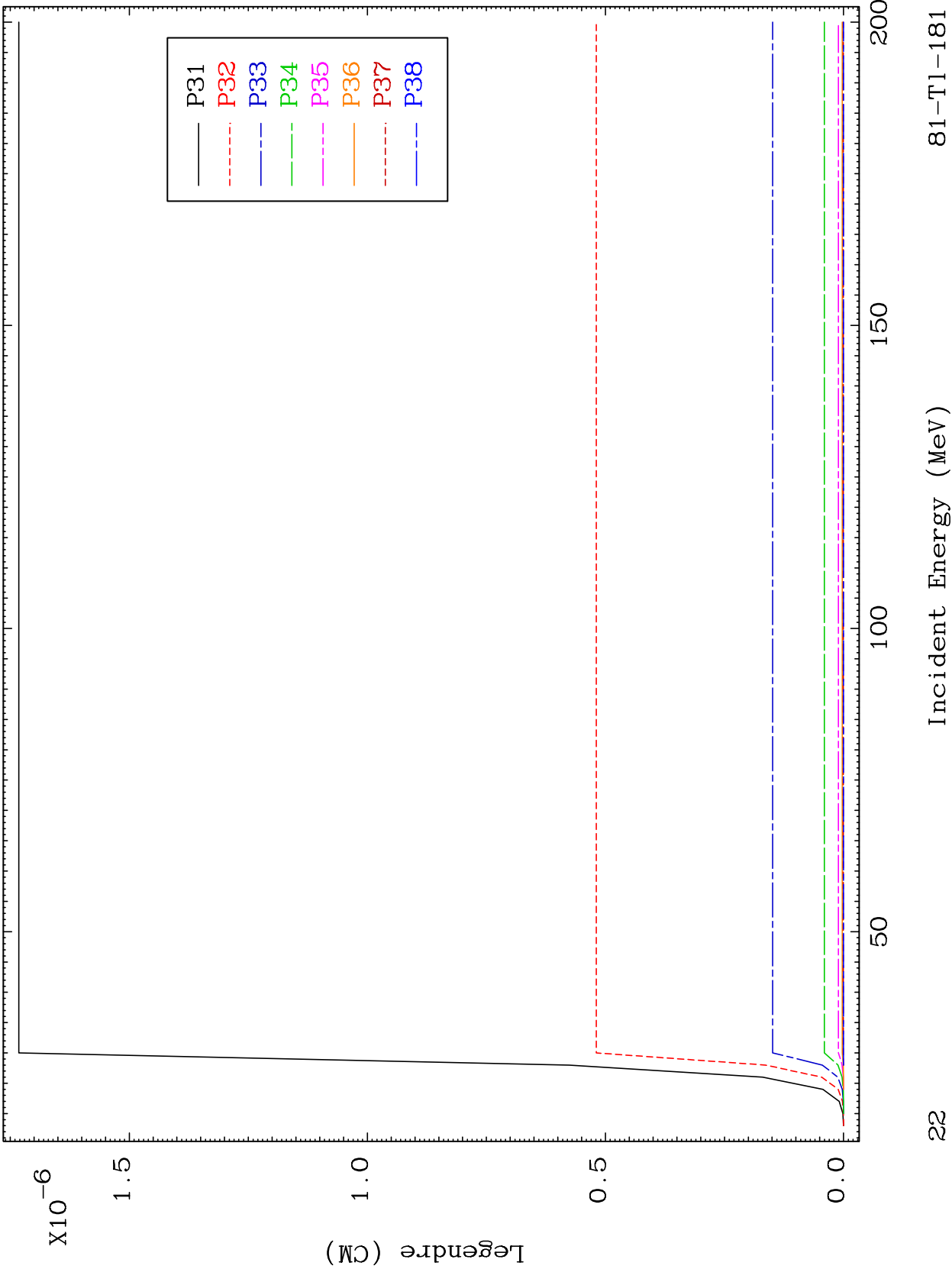




MAT 8059

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

81-Tl-181

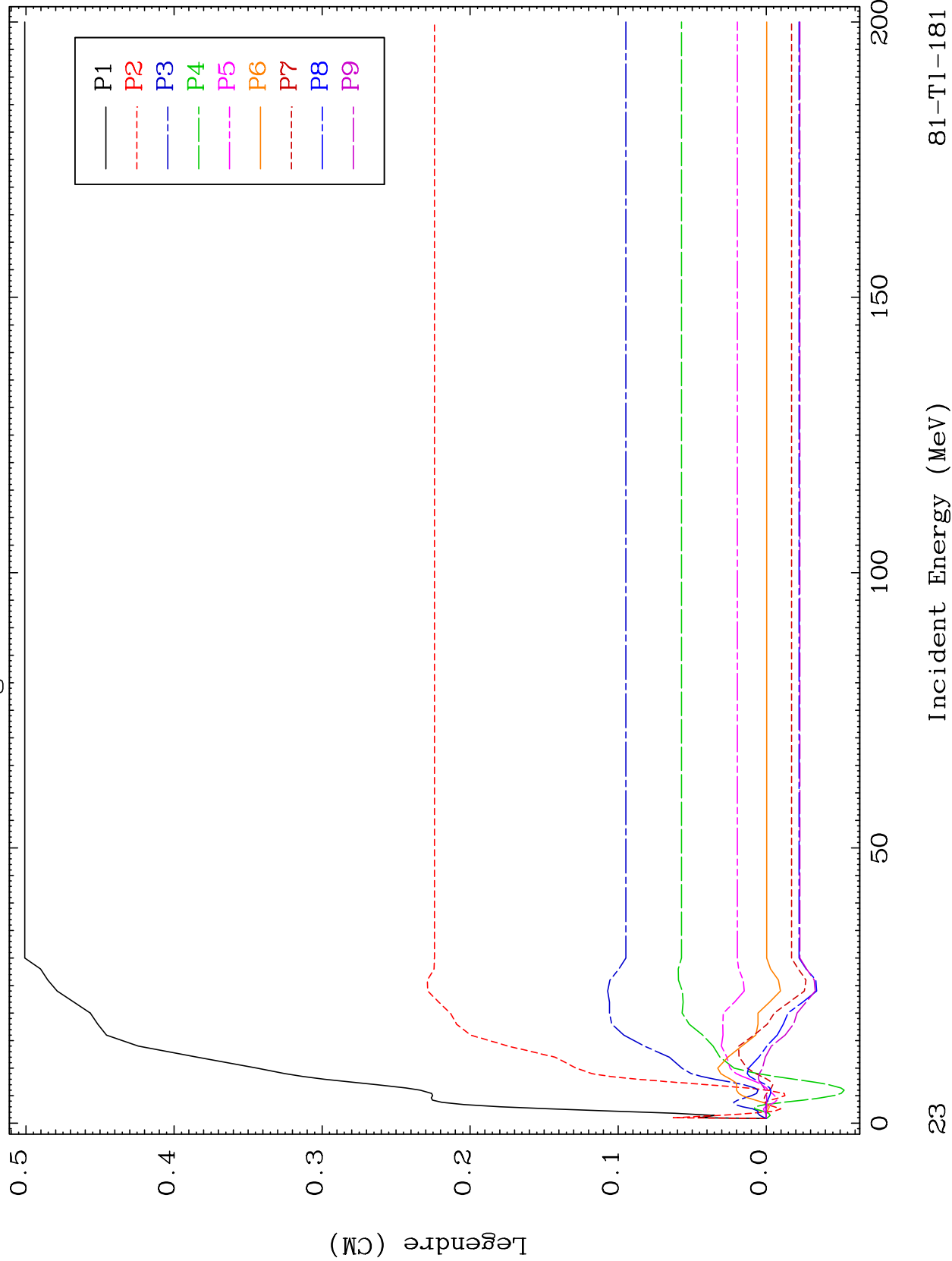


22

MAT 8059

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

81-Tl-181



23

Incident Energy (MeV)

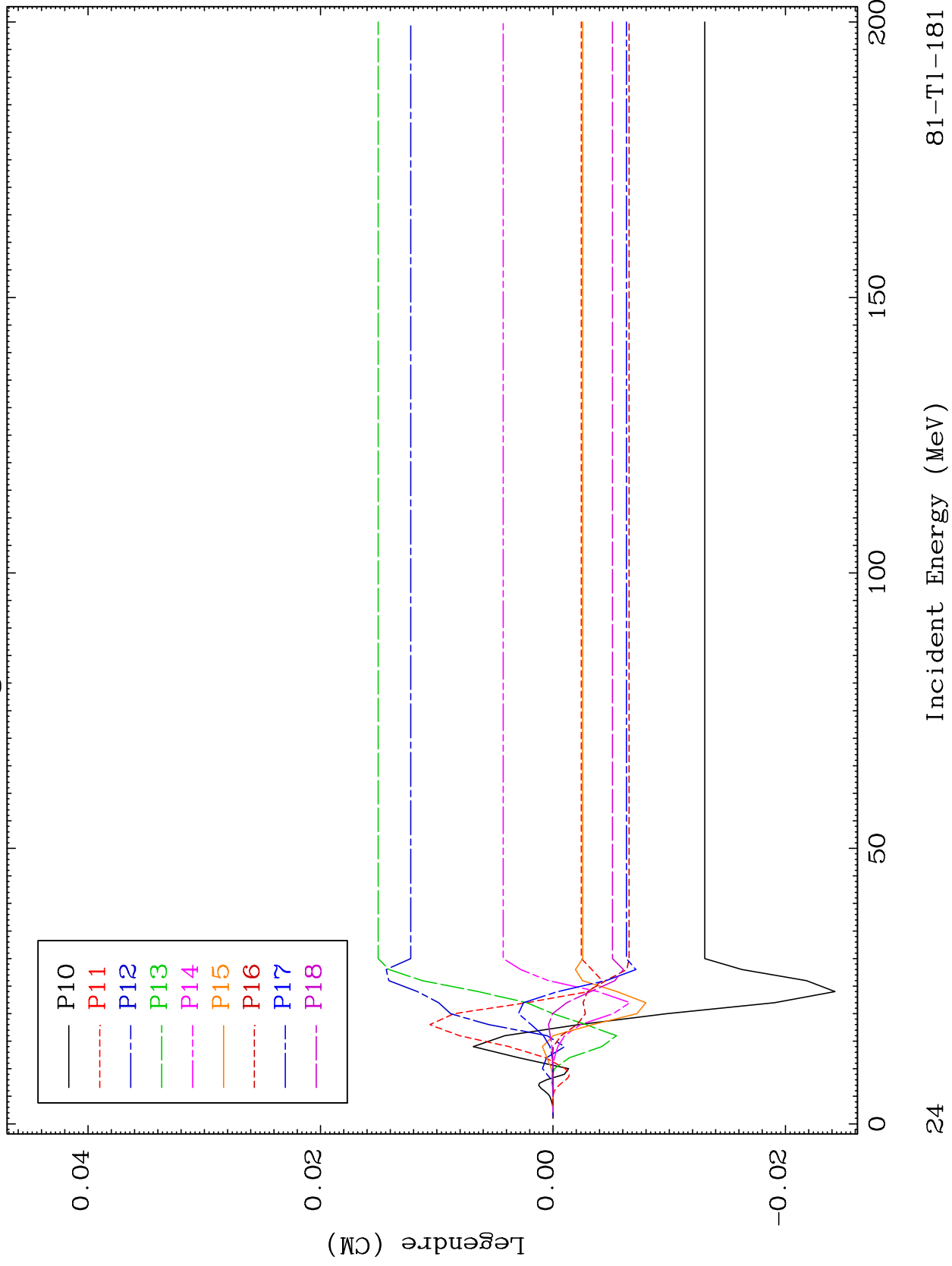
81-Tl-181



MAT 8059

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

81-Tl-181



24

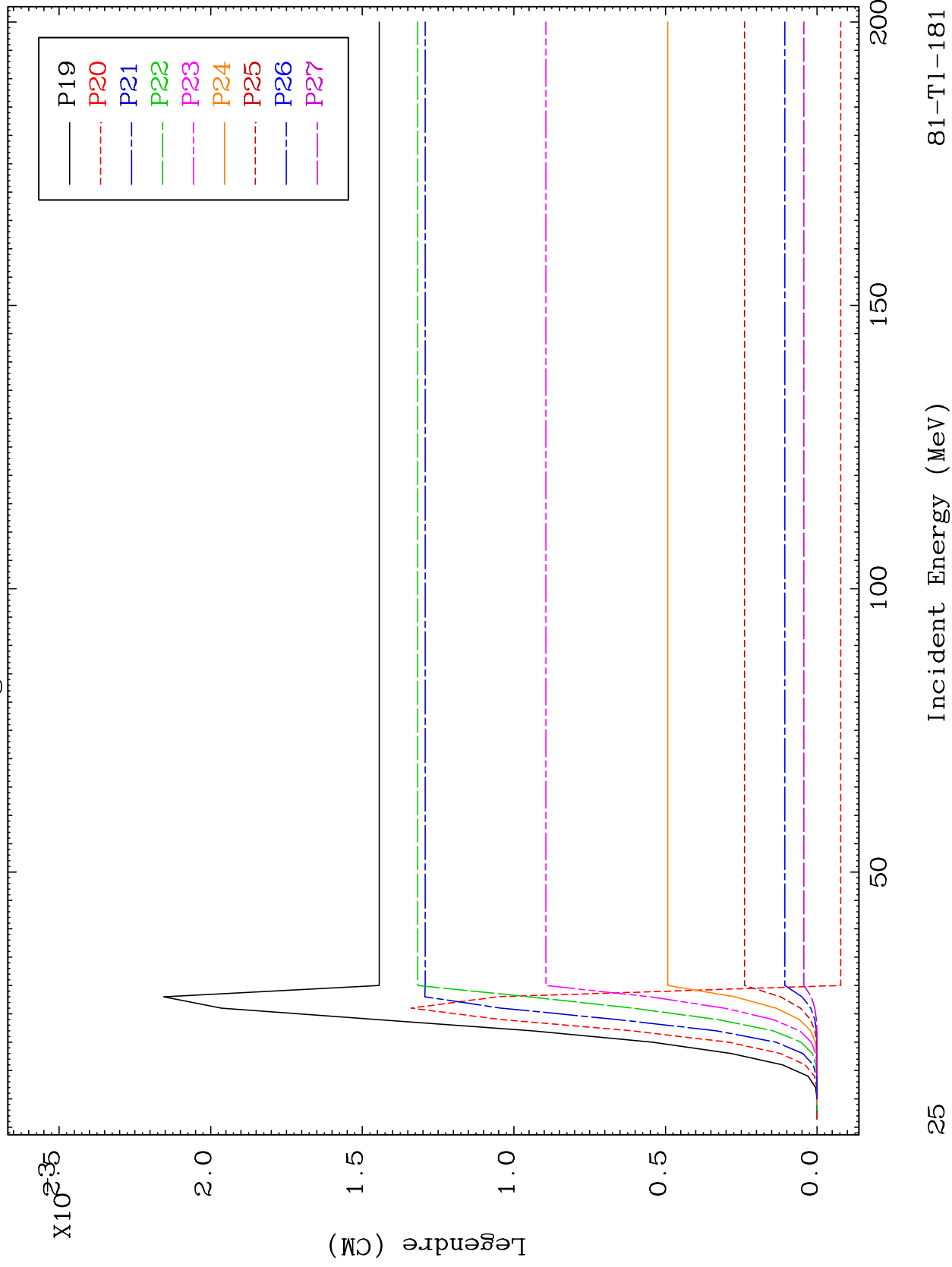
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



25

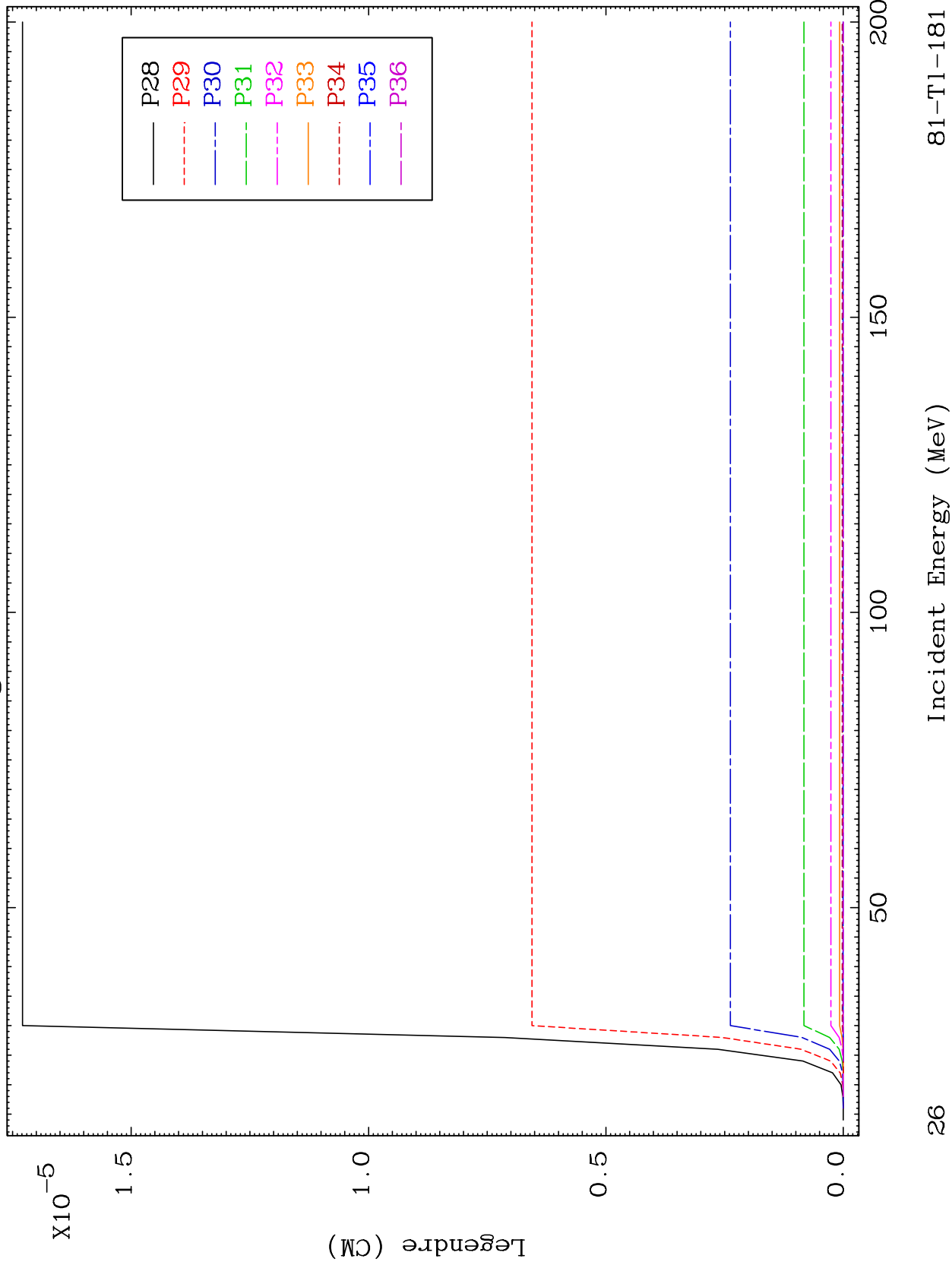
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

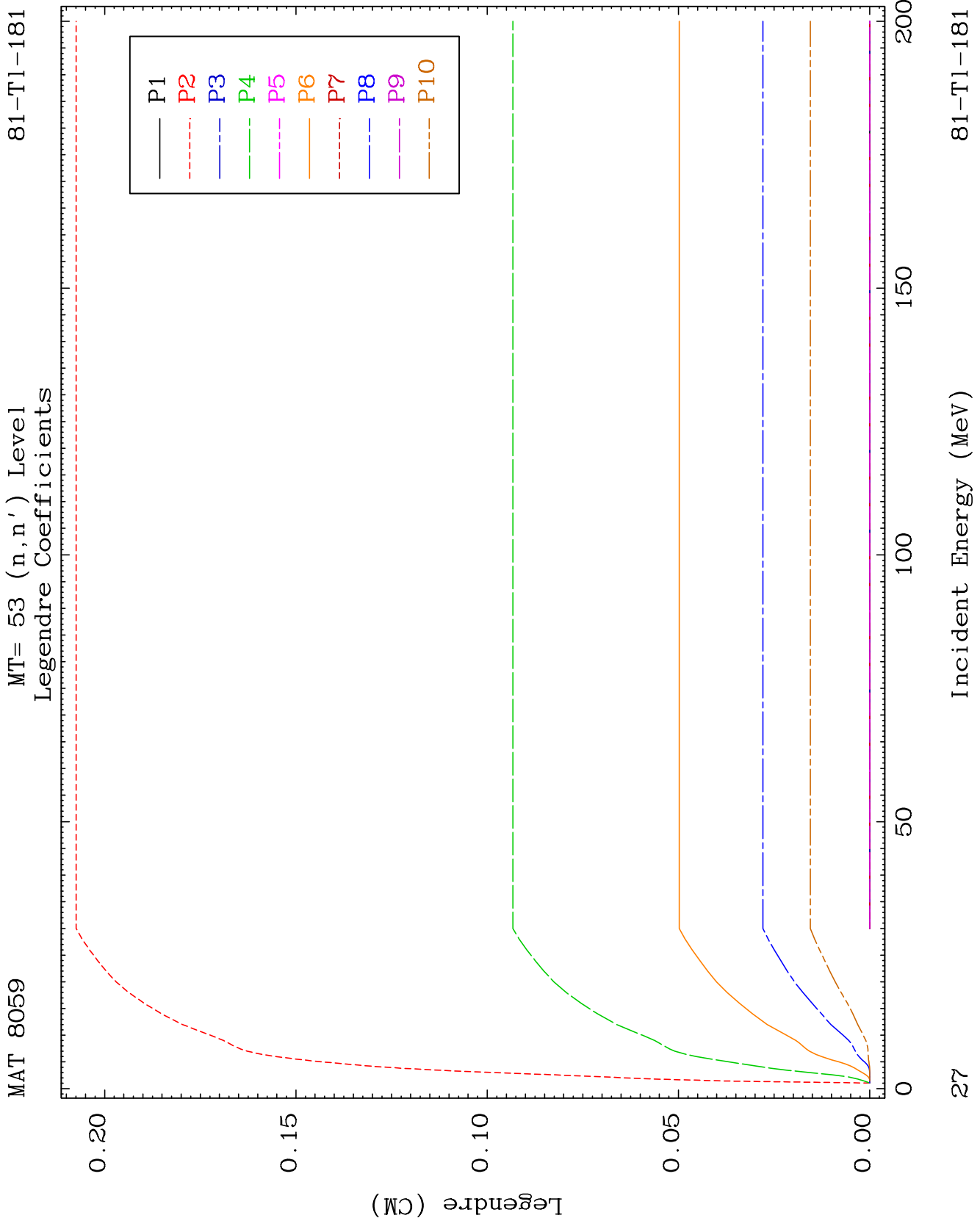
81-Tl-181

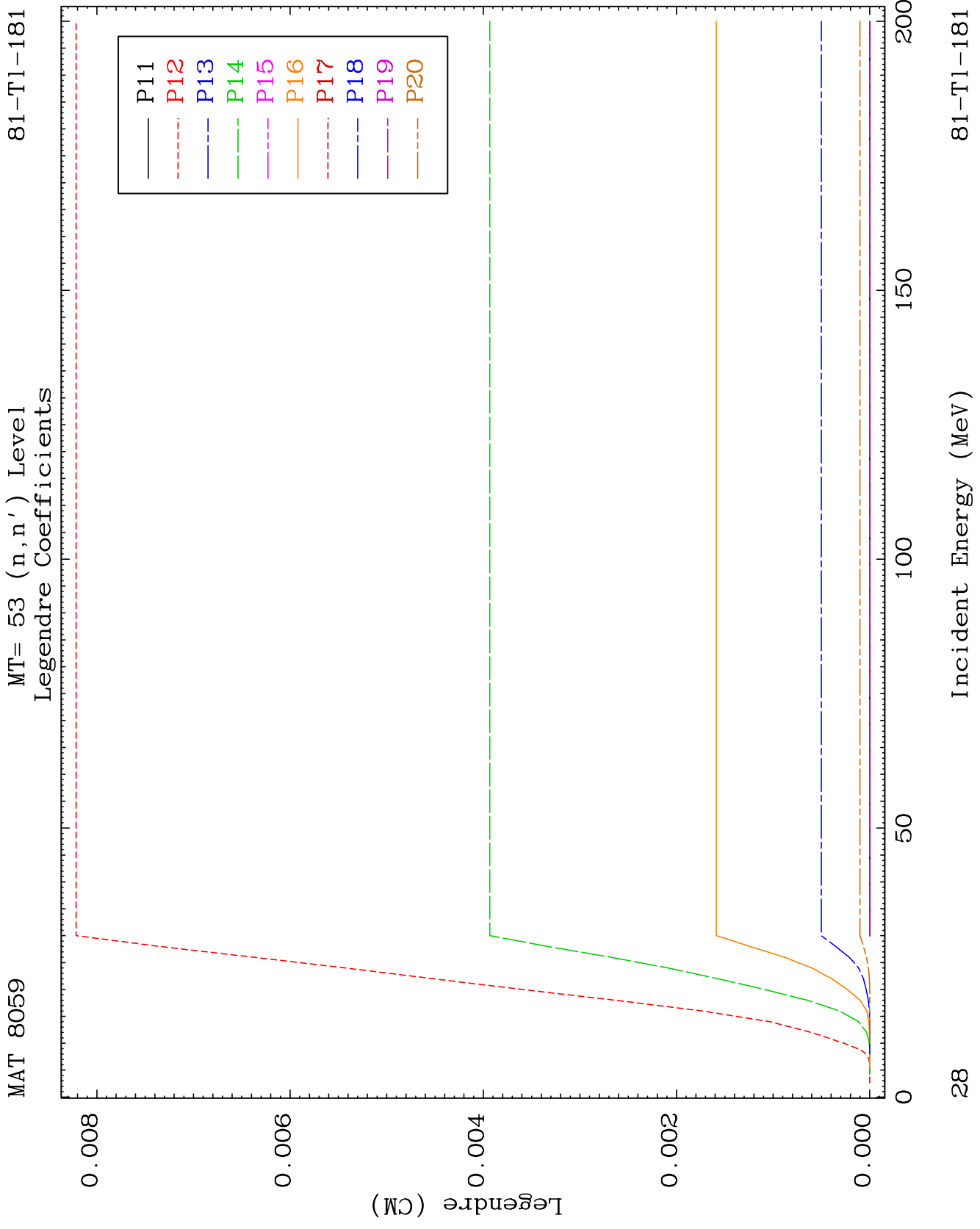


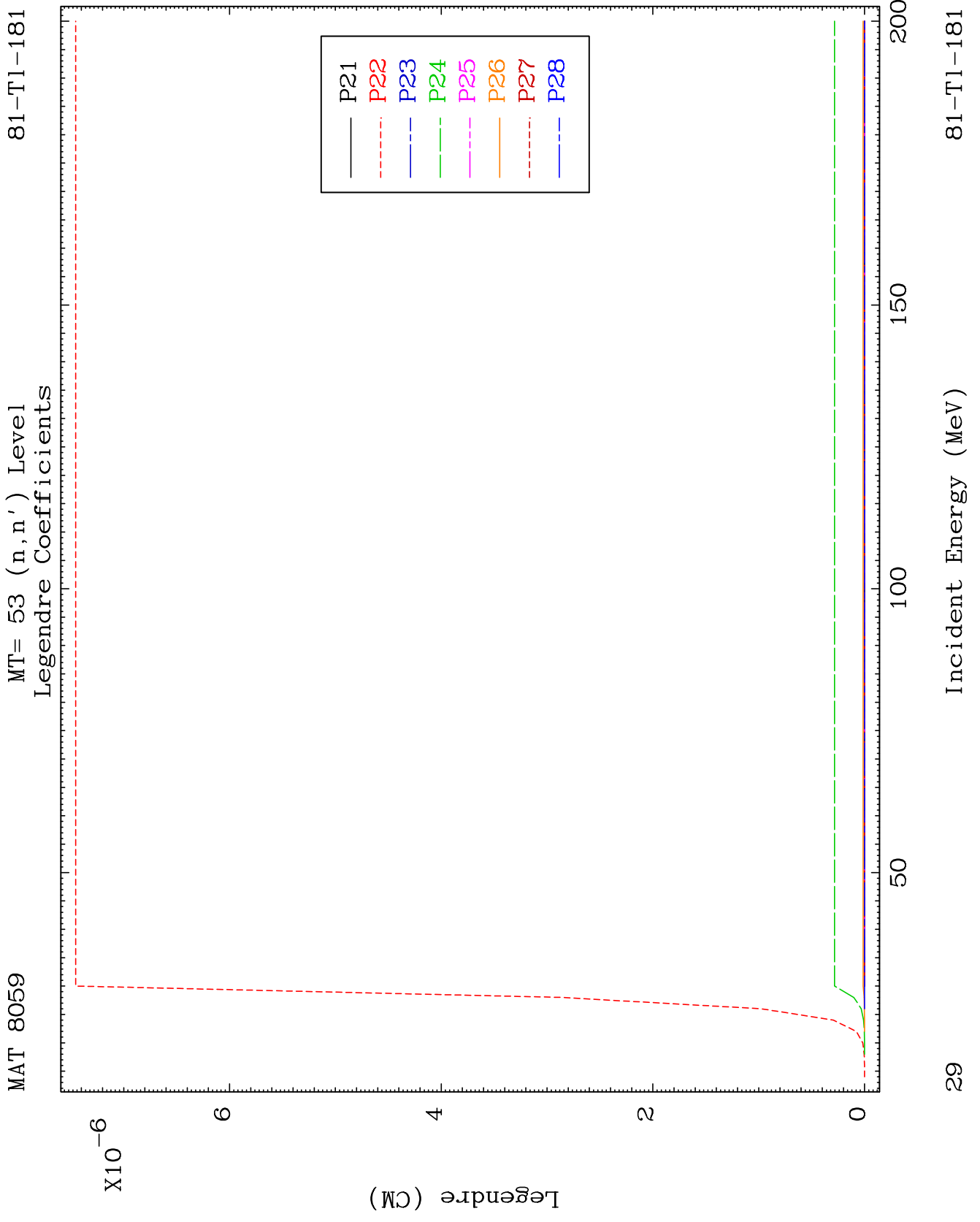
26

Incident Energy (MeV)

81-Tl-181



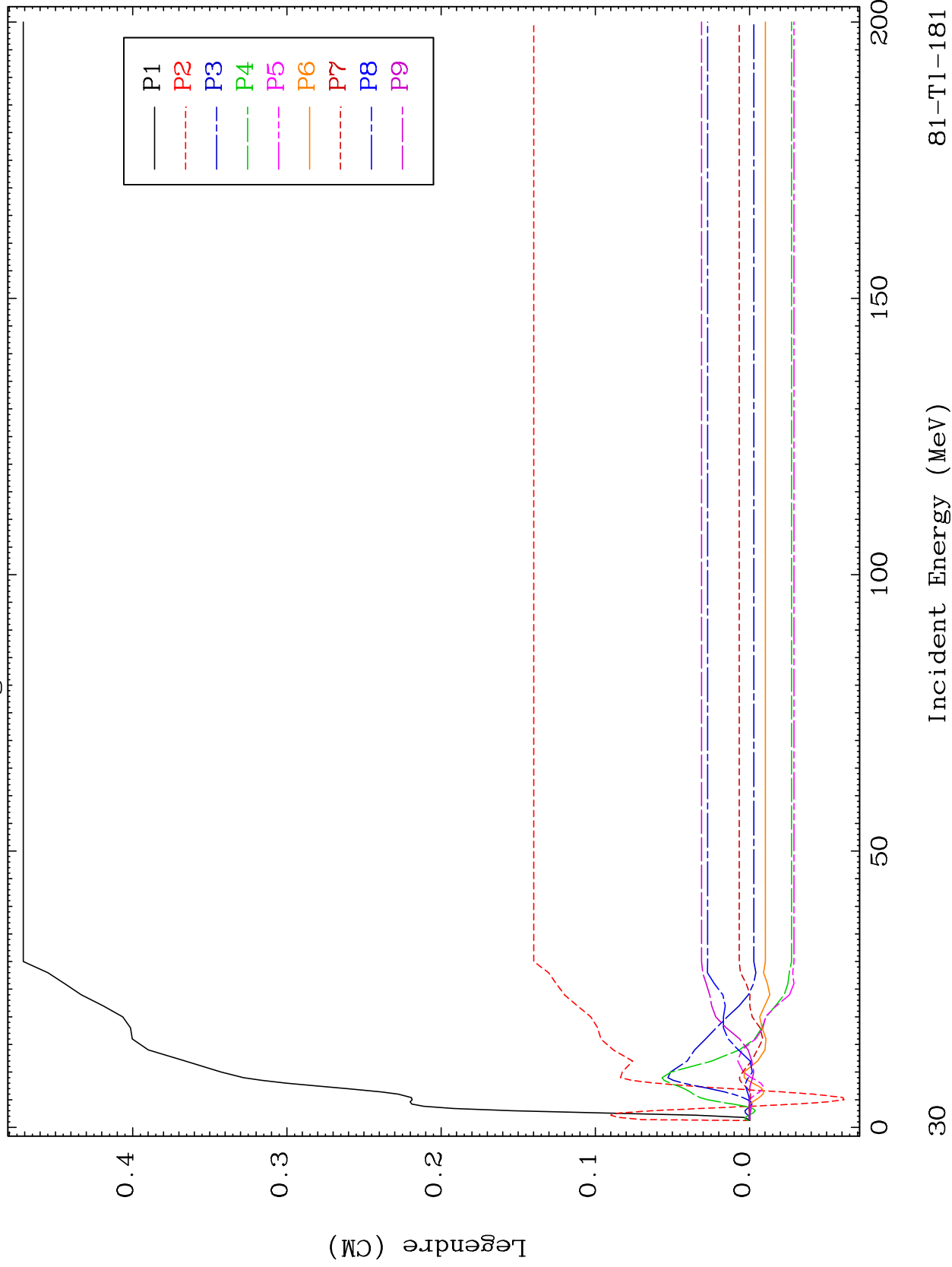




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MT= 54 (n,n') Level  
Legendre Coefficients

81-Tl-181



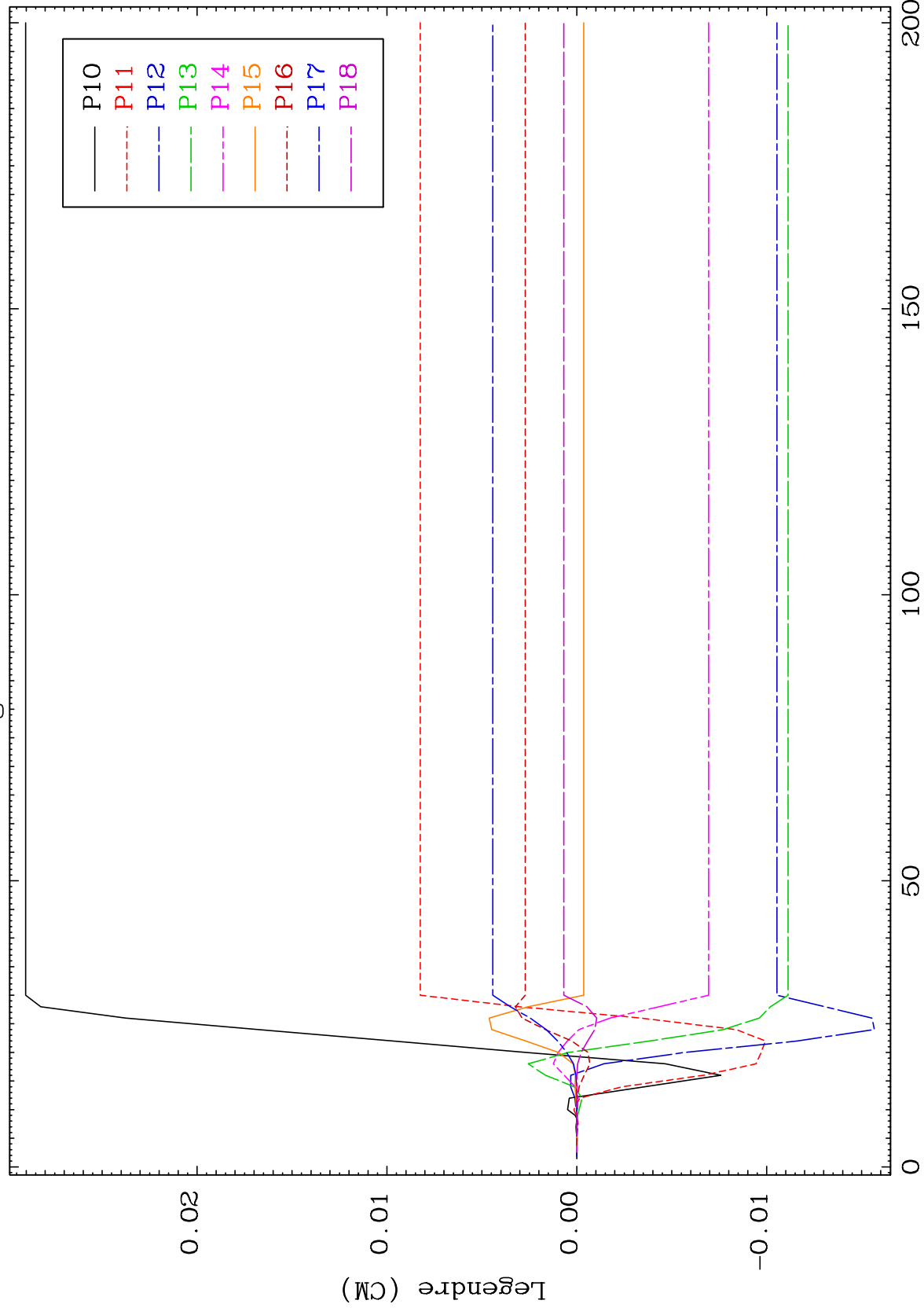
81-Tl-181

Incident Energy (MeV)

MAT 8059

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

81-Tl-181



31

Incident Energy (MeV)

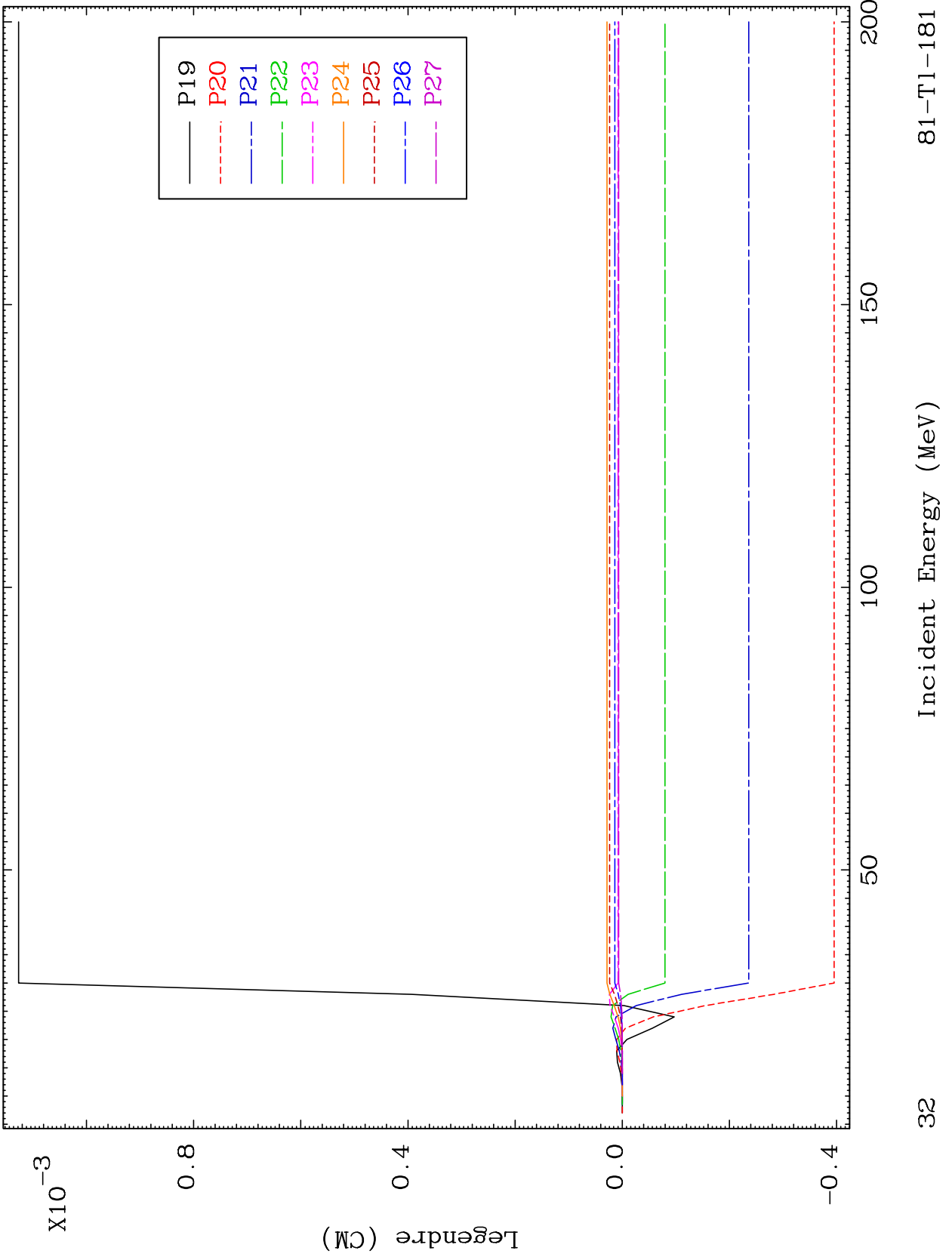
81-Tl-181



MAT 8059

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

81-Tl-181



32

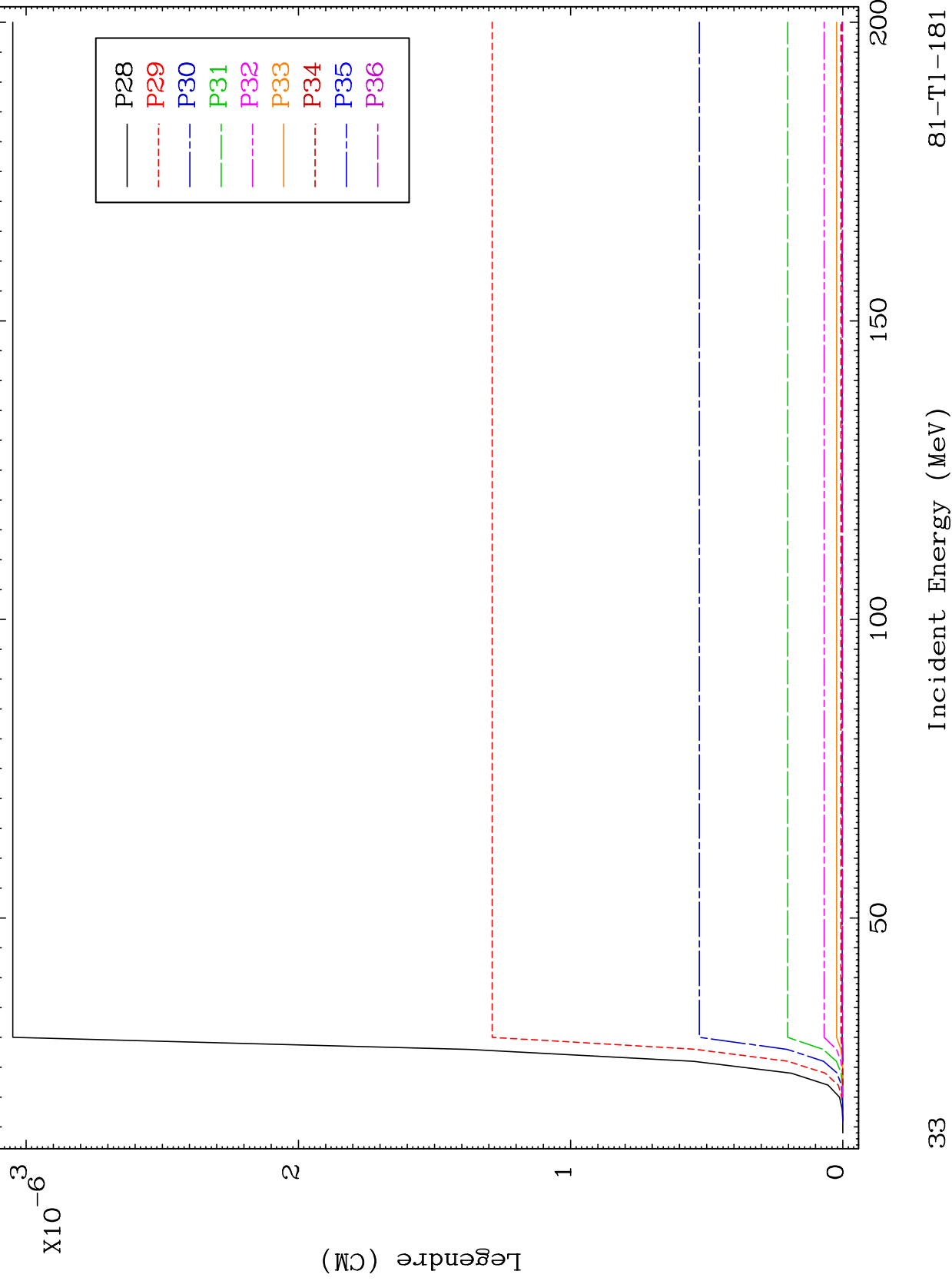
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

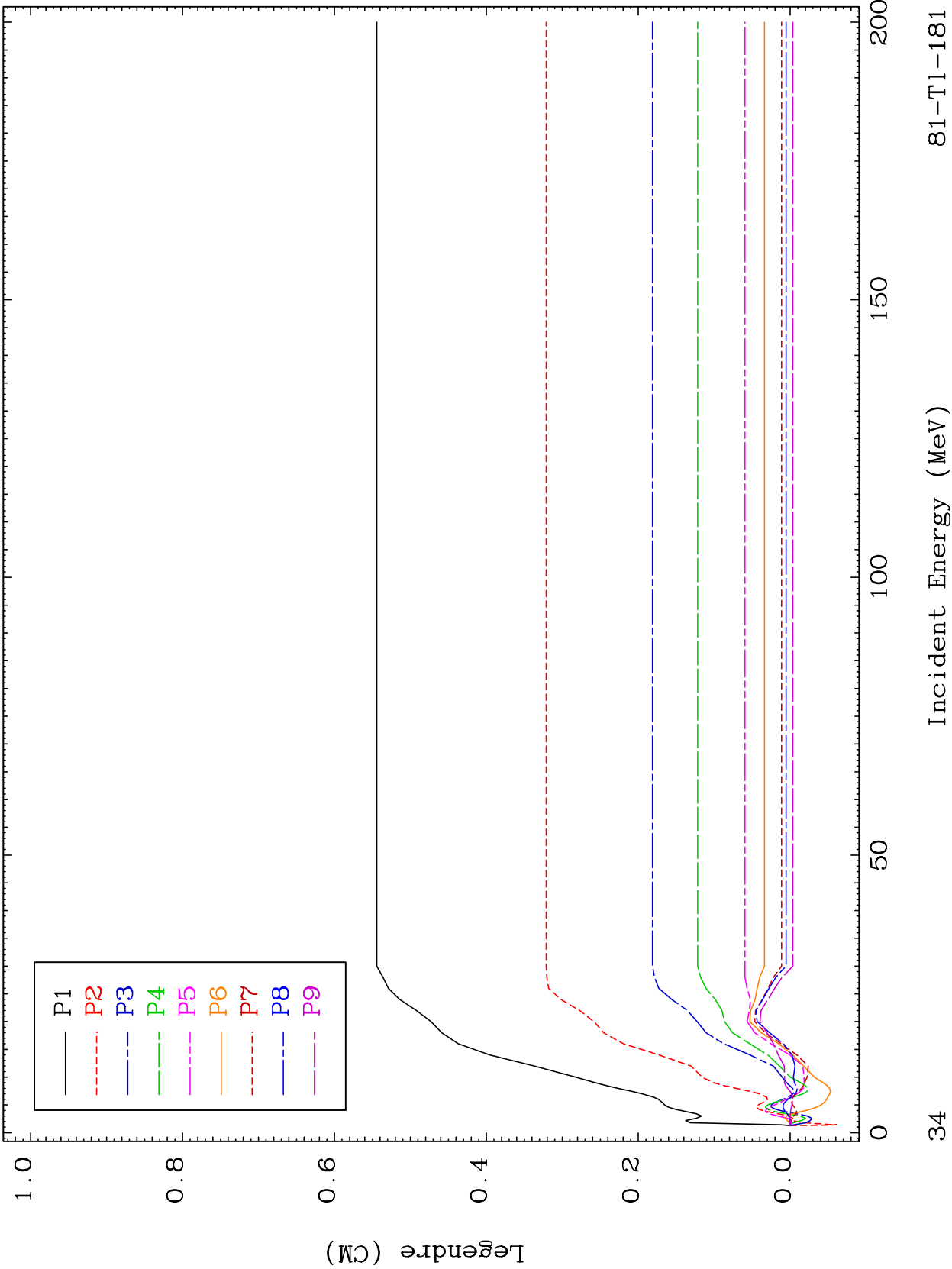
81-Tl-181



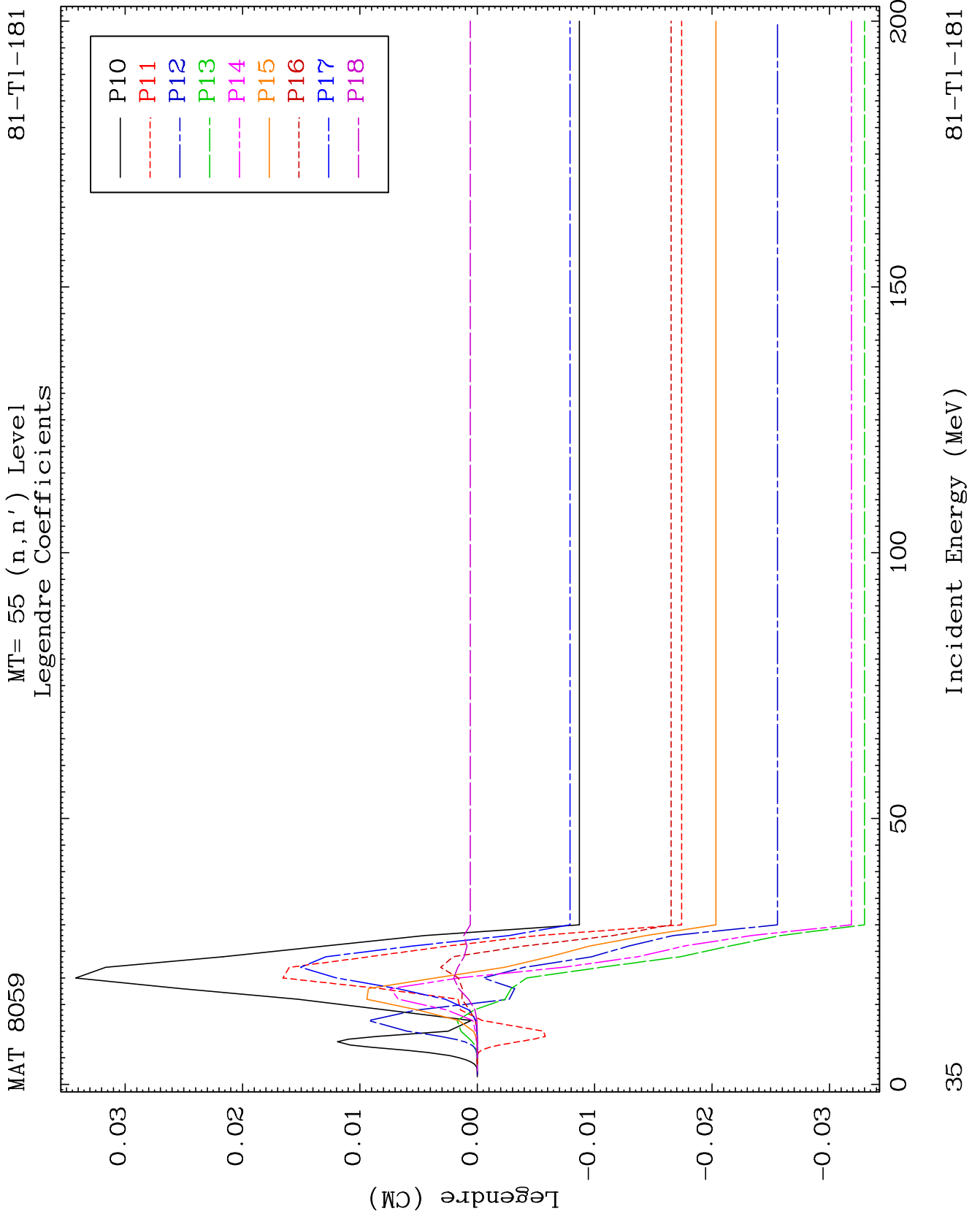
MAT 8059

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

81-Tl-181



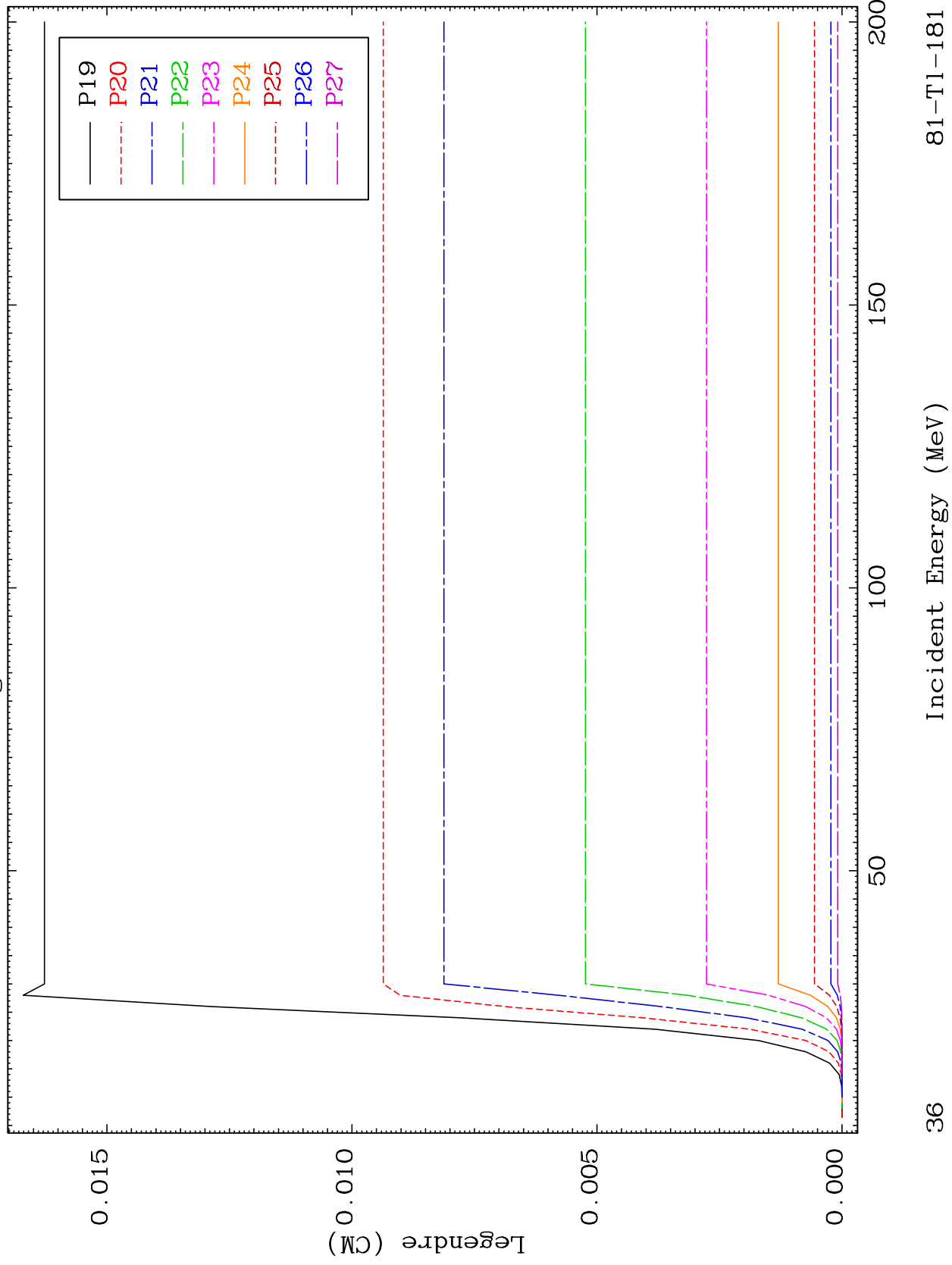
34



MAT 8059

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

81-Tl-181



36

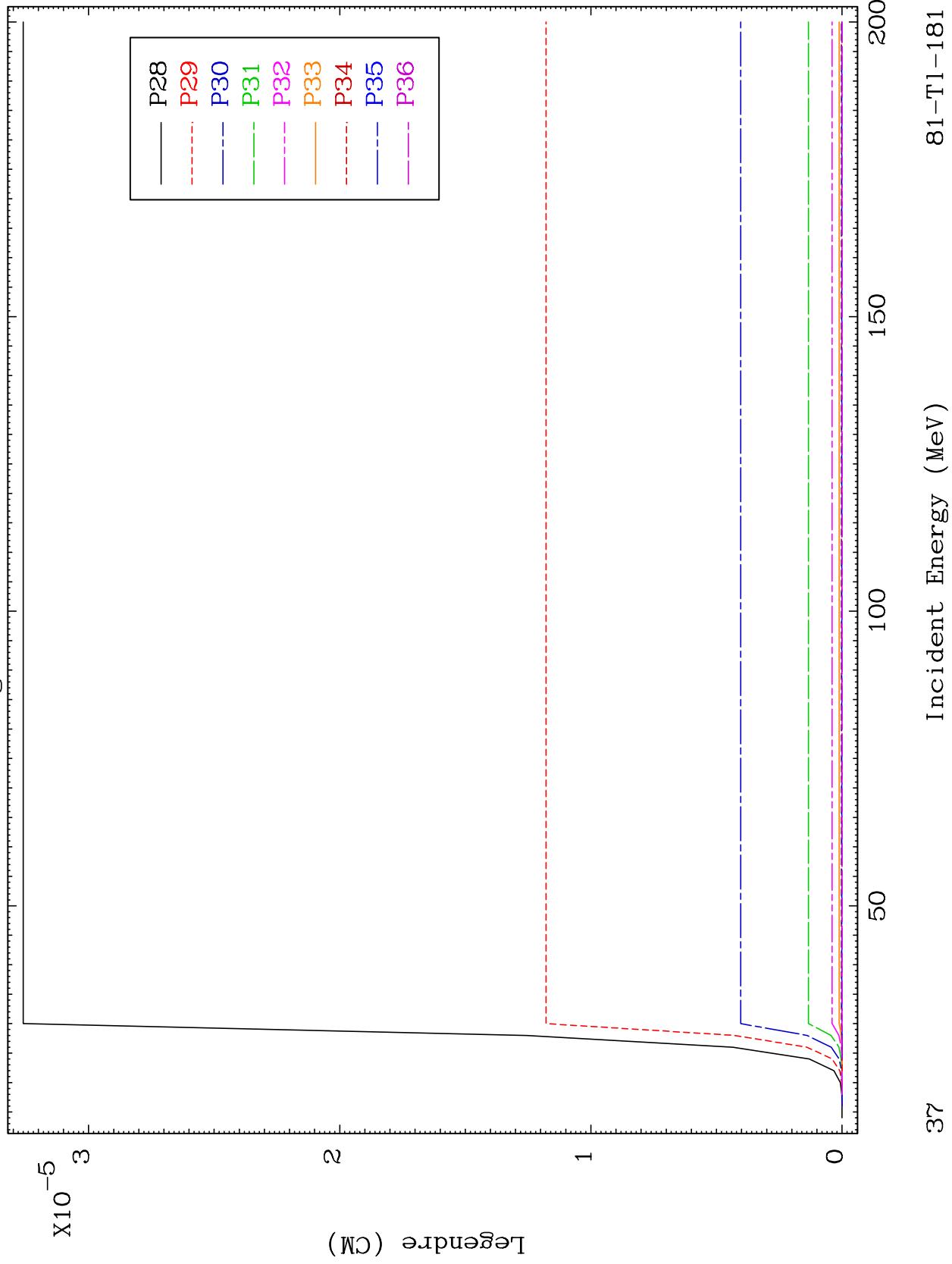
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181

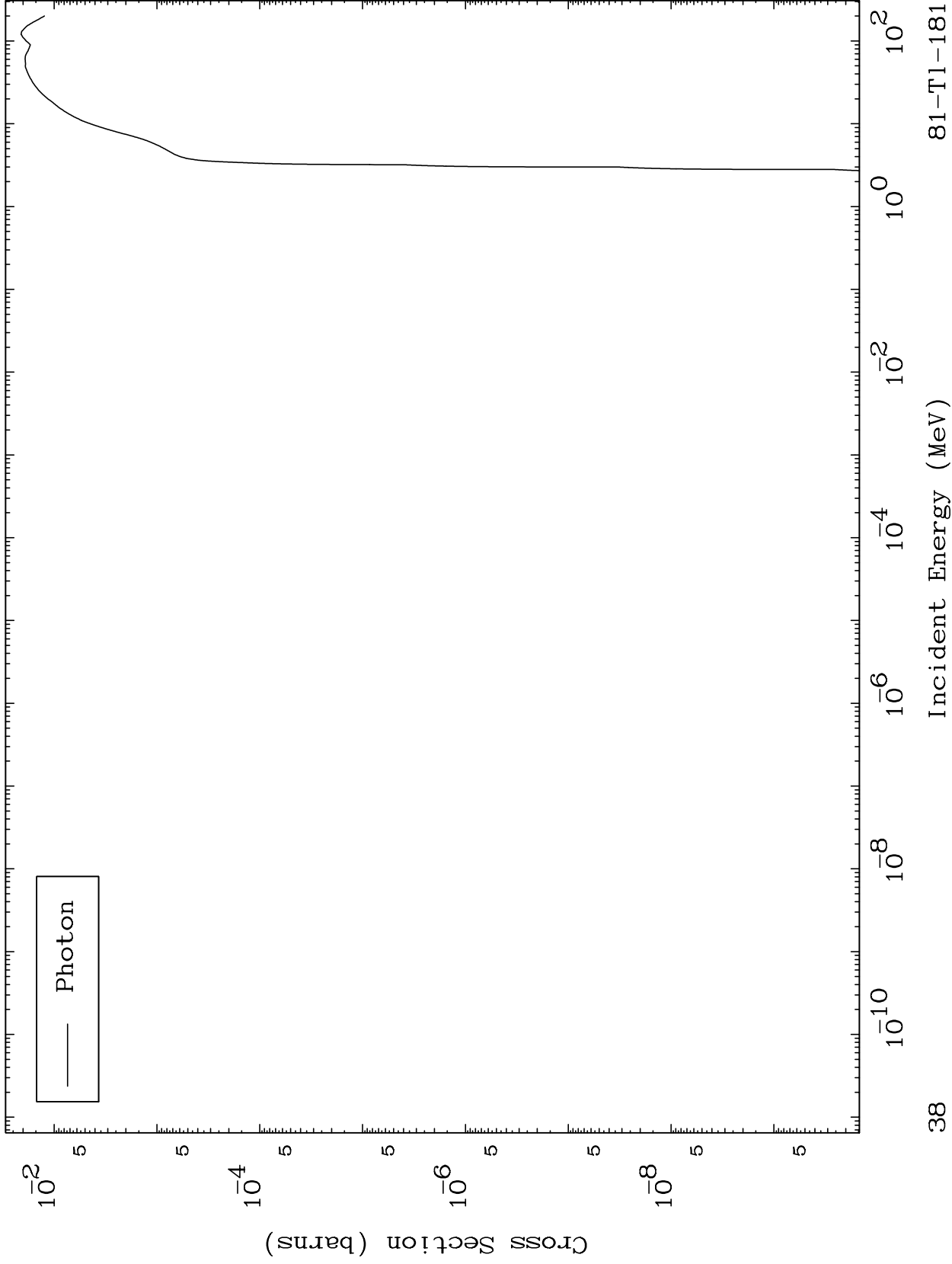


MAT 8059

Fission

81-Tl-181

Radionuclide Production Cross Section



38

Incident Energy (MeV)

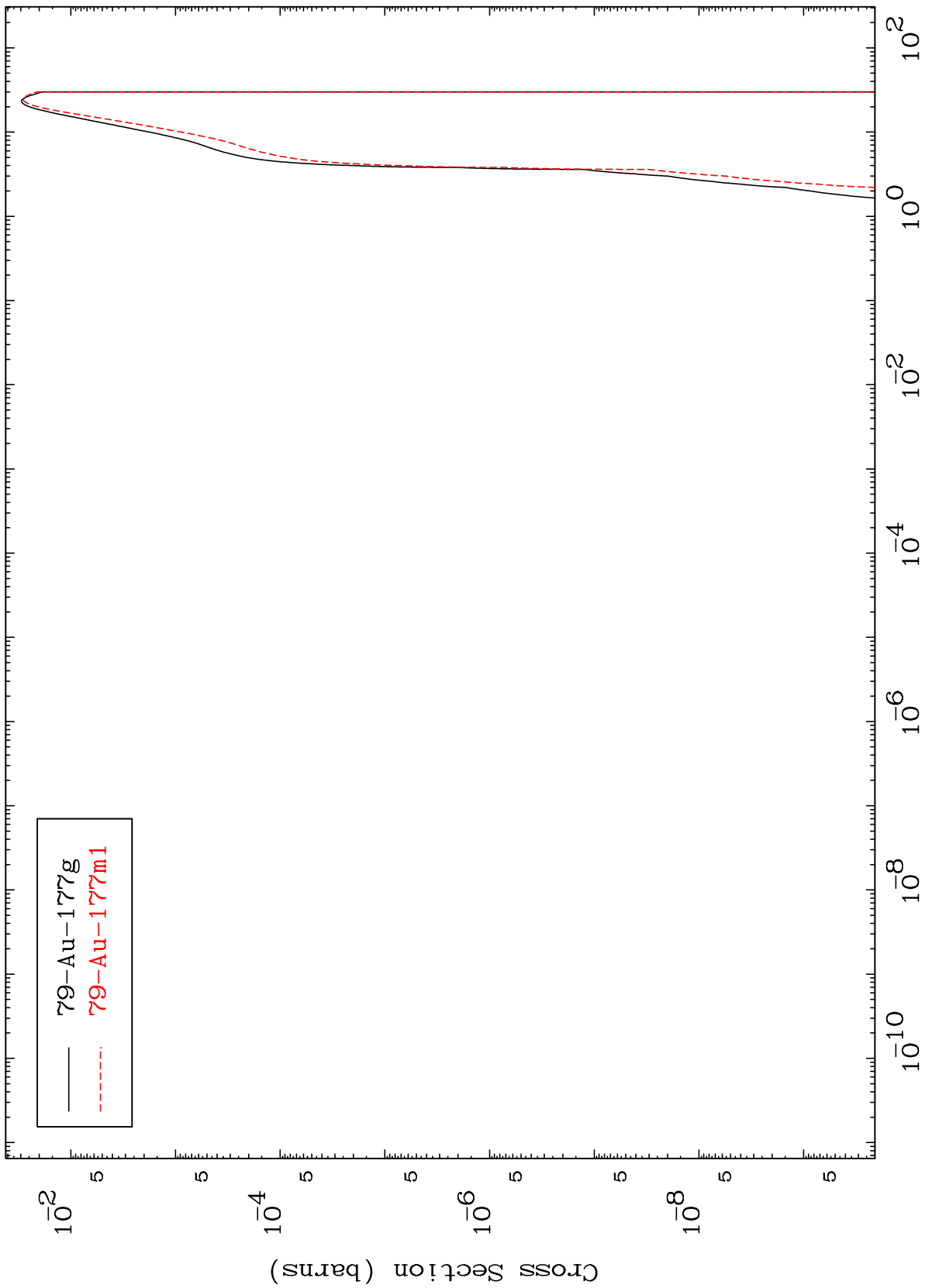
81-Tl-181

MAT 8059

$(n, n')$   $\alpha$

81-Tl-181

Radionuclide Production Cross Section



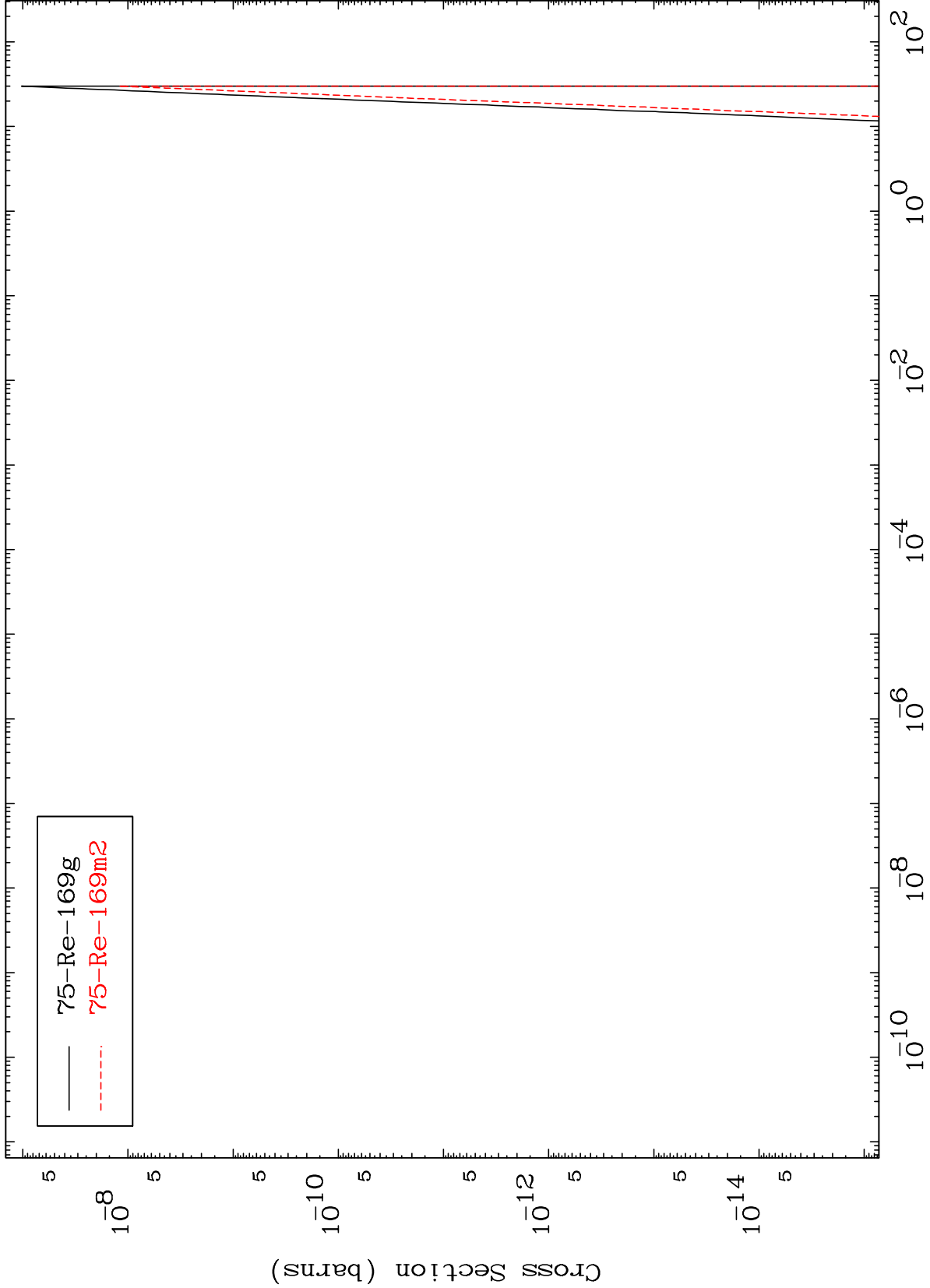


MAT 8059

(n,n') 3α

81-Tl-181

Radionuclide Production Cross Section



40

Incident Energy (MeV)

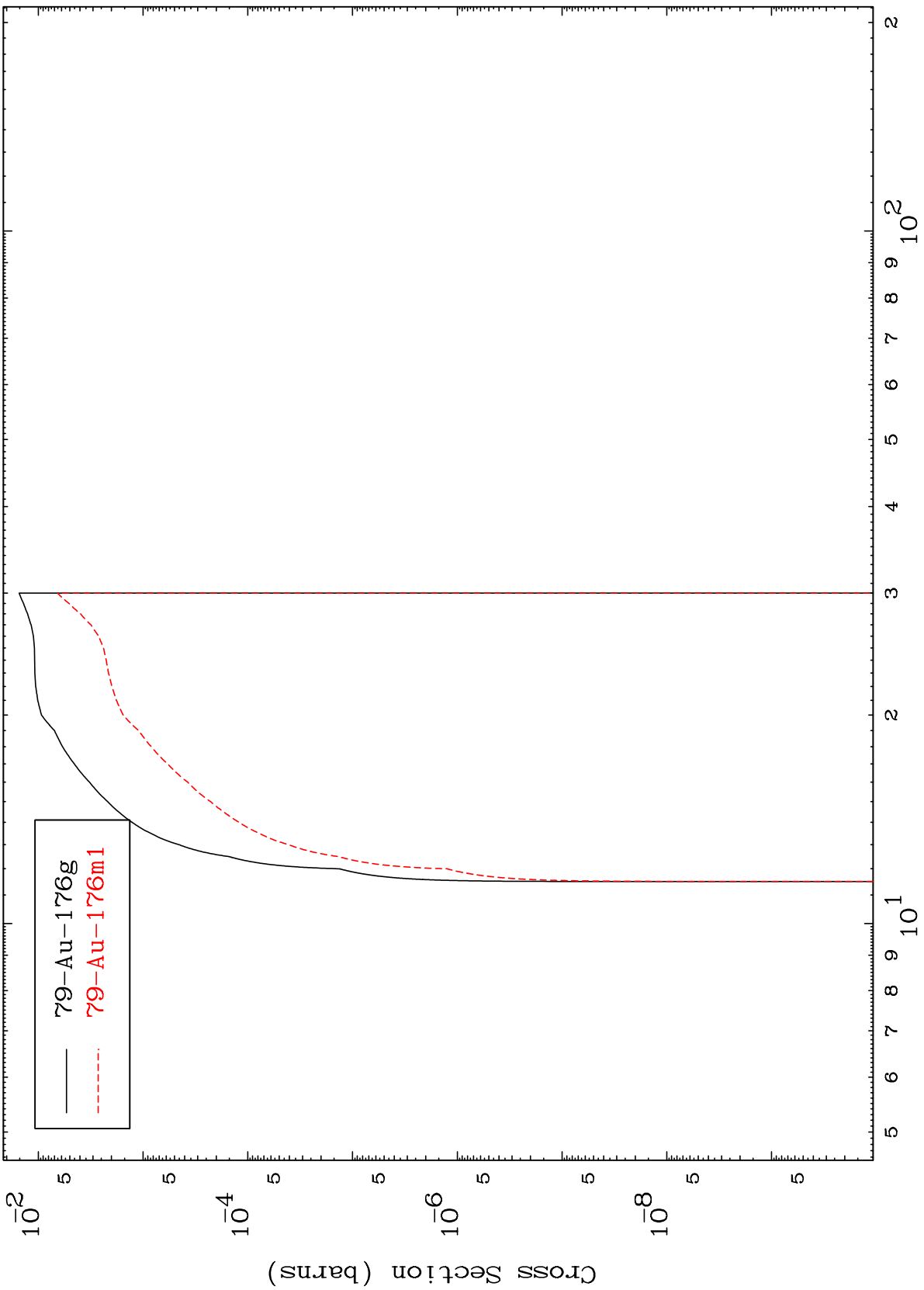
81-Tl-181

MAT 8059

(n,2n)  $\alpha$

81-Tl-181

Radionuclide Production Cross Section



41

Incident Energy (MeV)

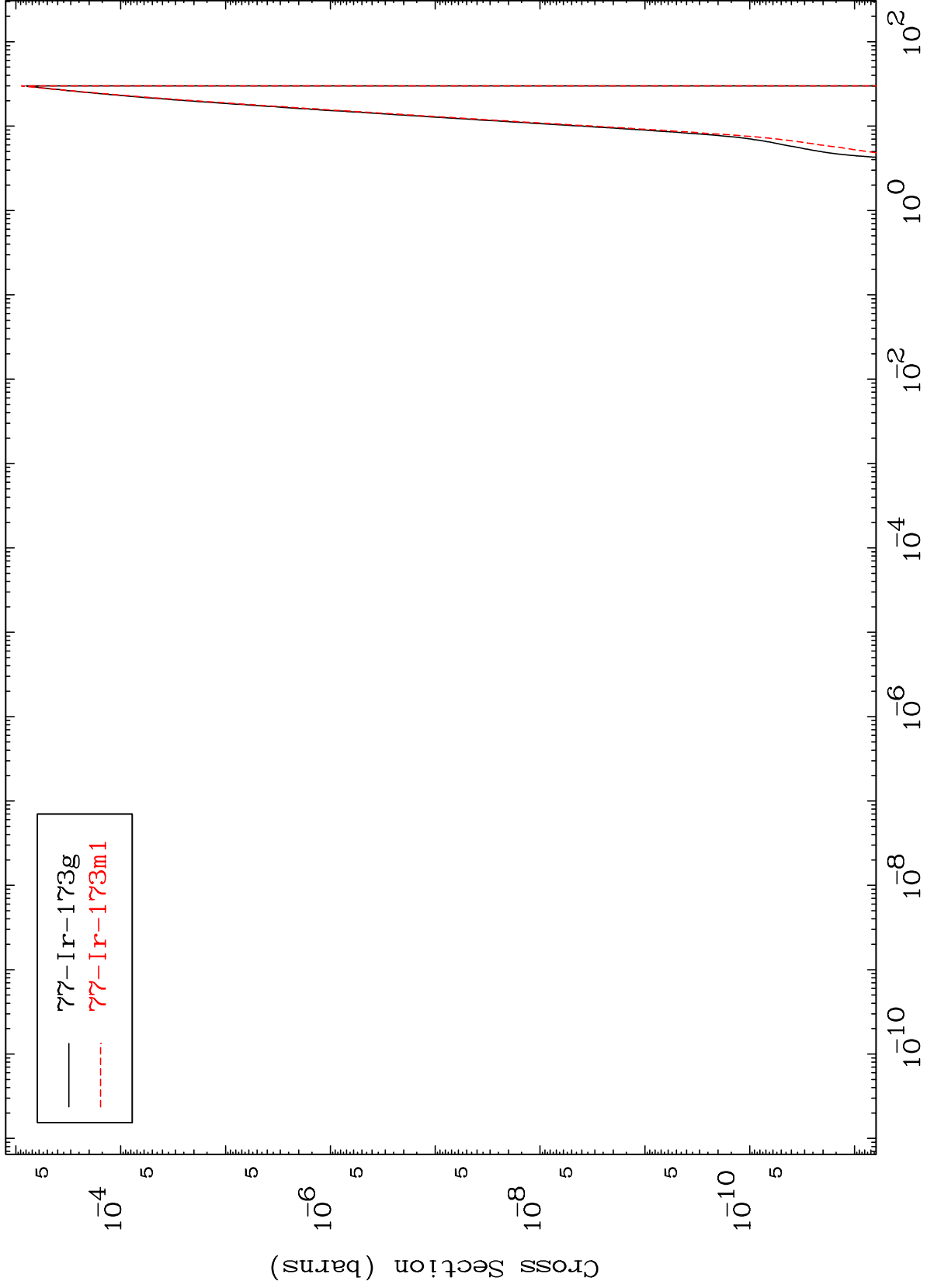
81-Tl-181

MAT 8059

(n,n') 2α

81-Tl-181

Radionuclide Production Cross Section



42

Incident Energy (MeV)

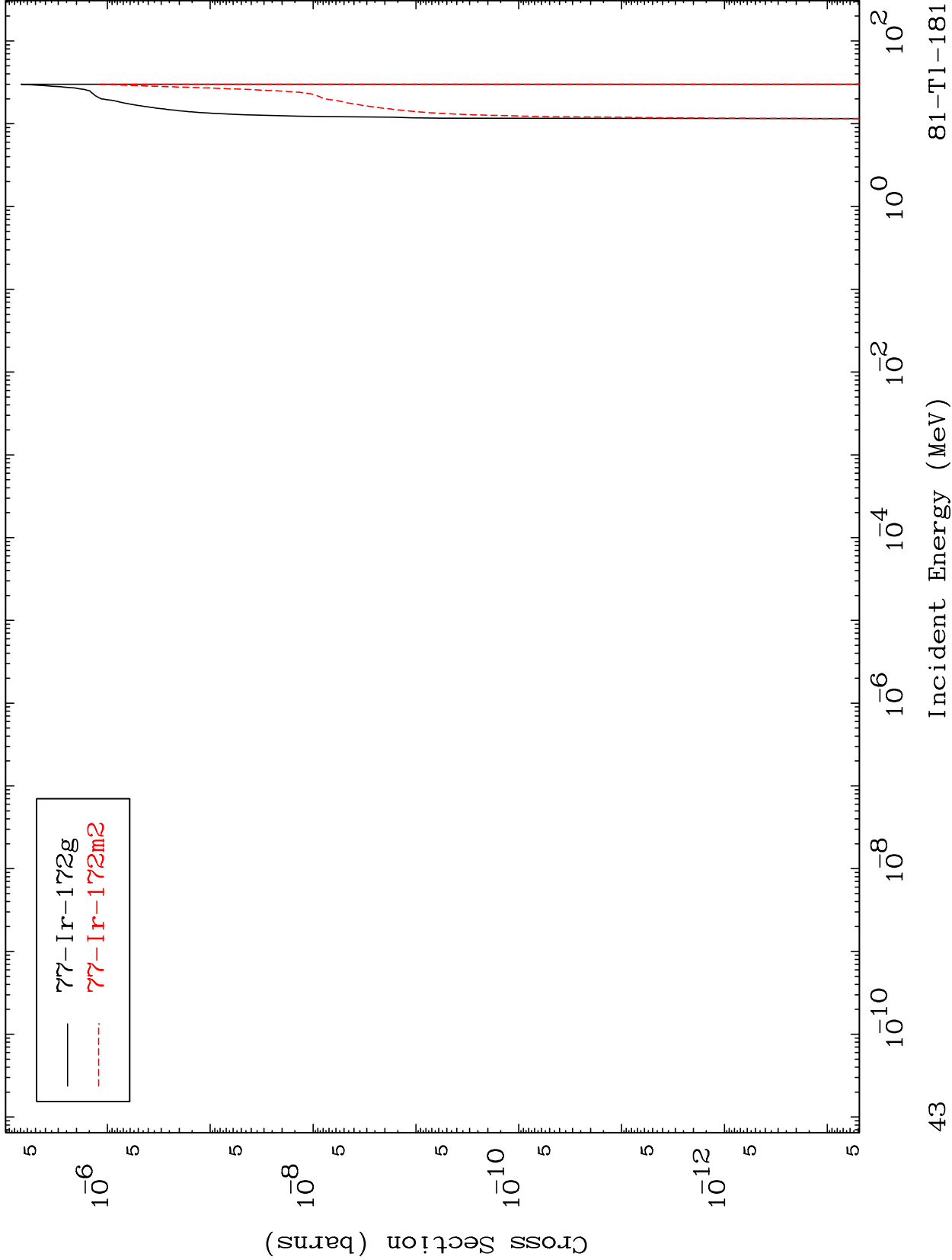
81-Tl-181

MAT 8059

(n,2n) 2α

81-Tl-181

Radionuclide Production Cross Section



MAT 8059

(n,2α)

81-Tl-181

Radionuclide Production Cross Section

