

Program EVALPLOT  
(Version 2015-2)

by

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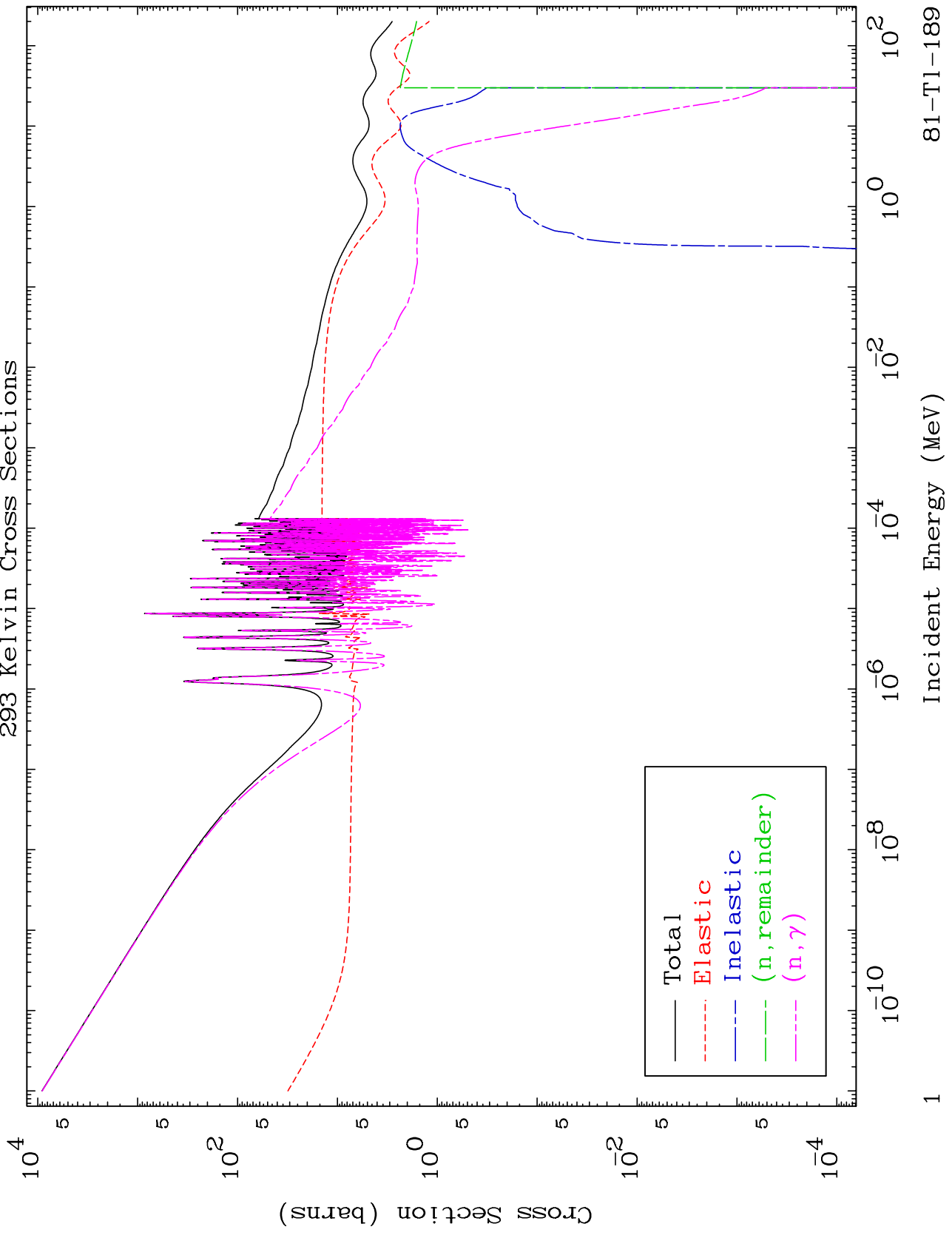
Press Mouse Button to Start

MAT 8083

Major

293 Kelvin Cross Sections

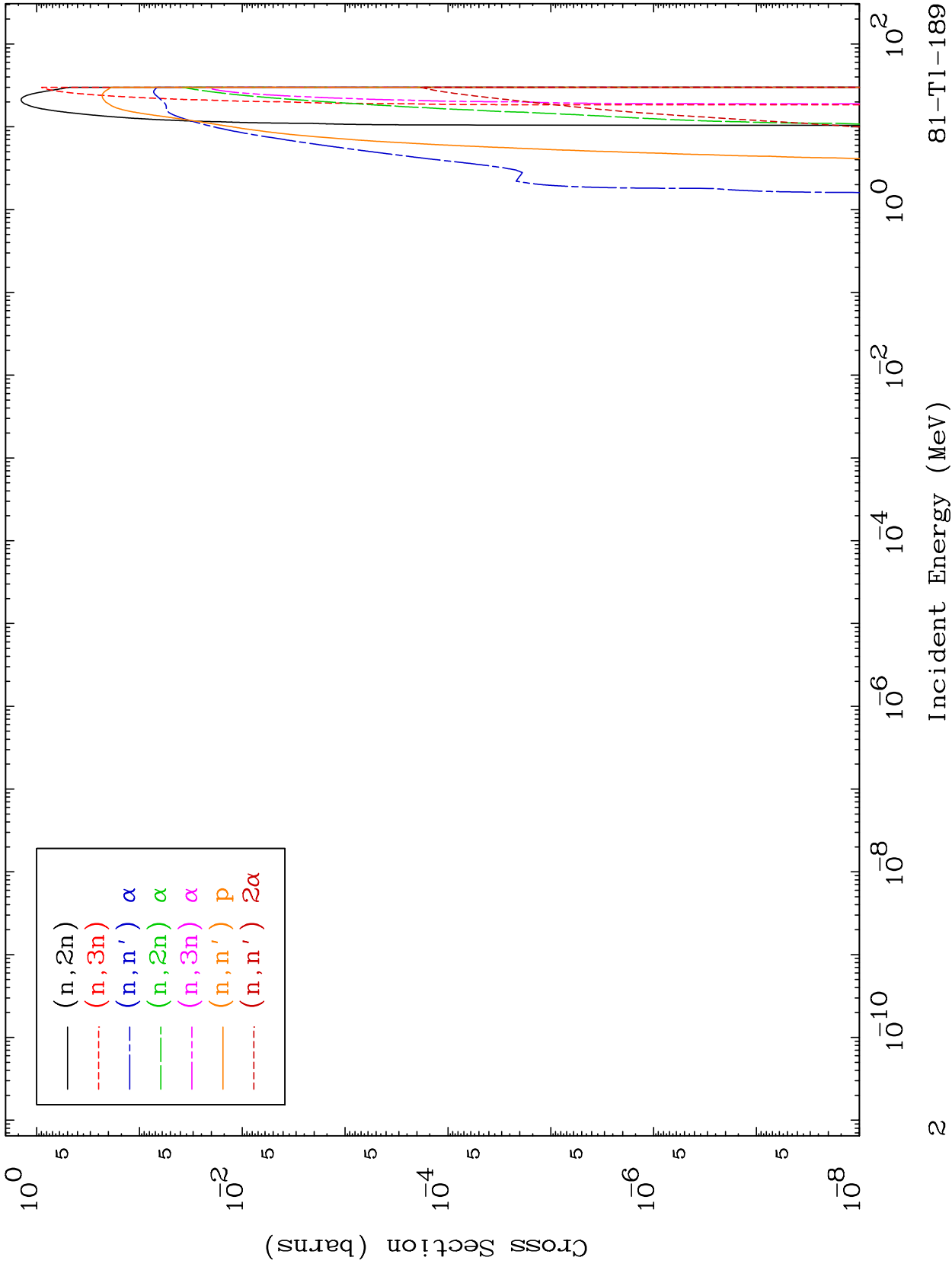
81-Tl-189



MAT 8083

Neutron Production  
293 Kelvin Cross Sections

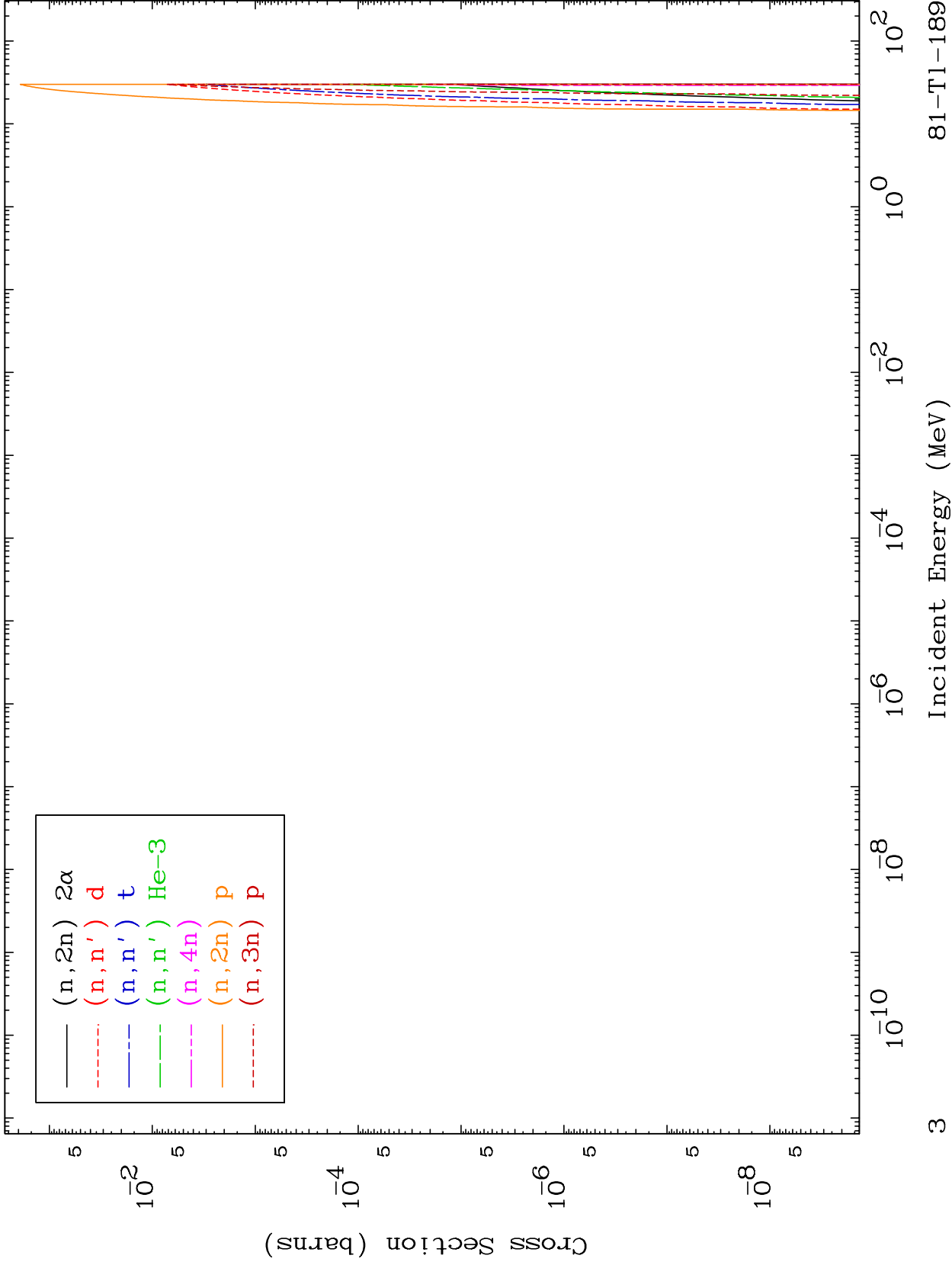
81-Tl-189



MAT 8083

Neutron Production  
293 Kelvin Cross Sections

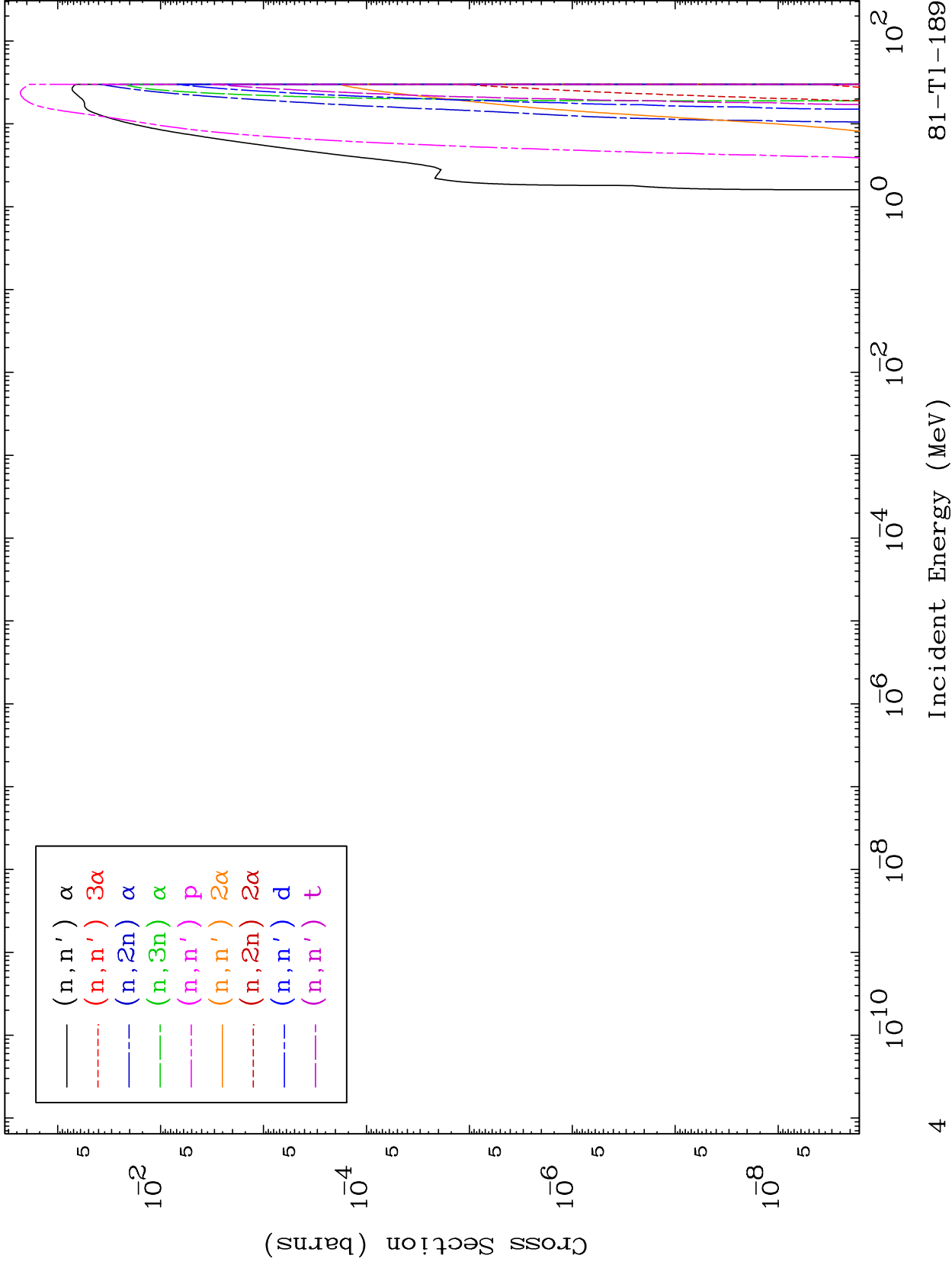
81-Tl-189



MAT 8083

Charged Particle  
293 Kelvin Cross Sections

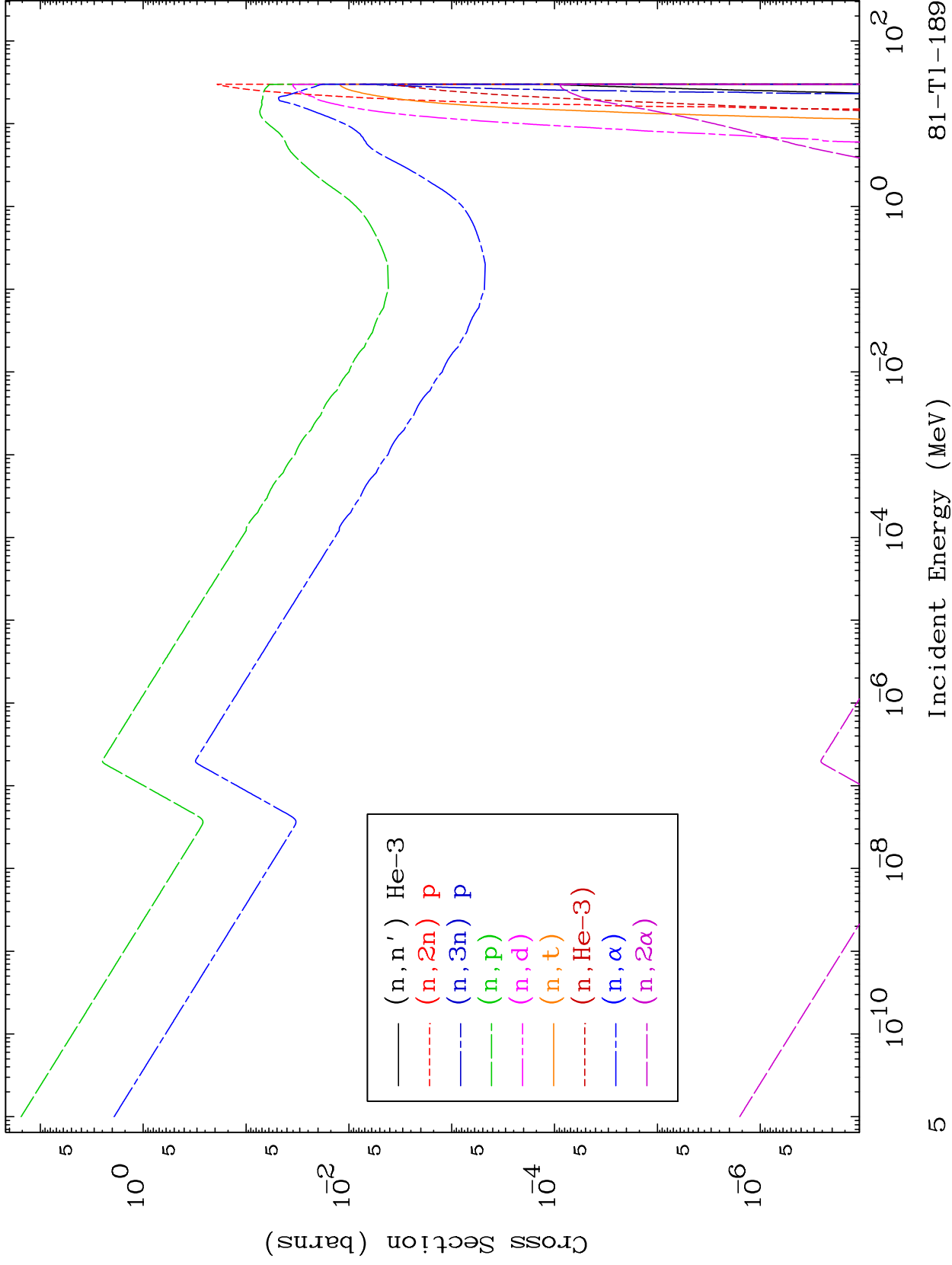
81-Tl-189



MAT 8083

Charged Particle  
293 Kelvin Cross Sections

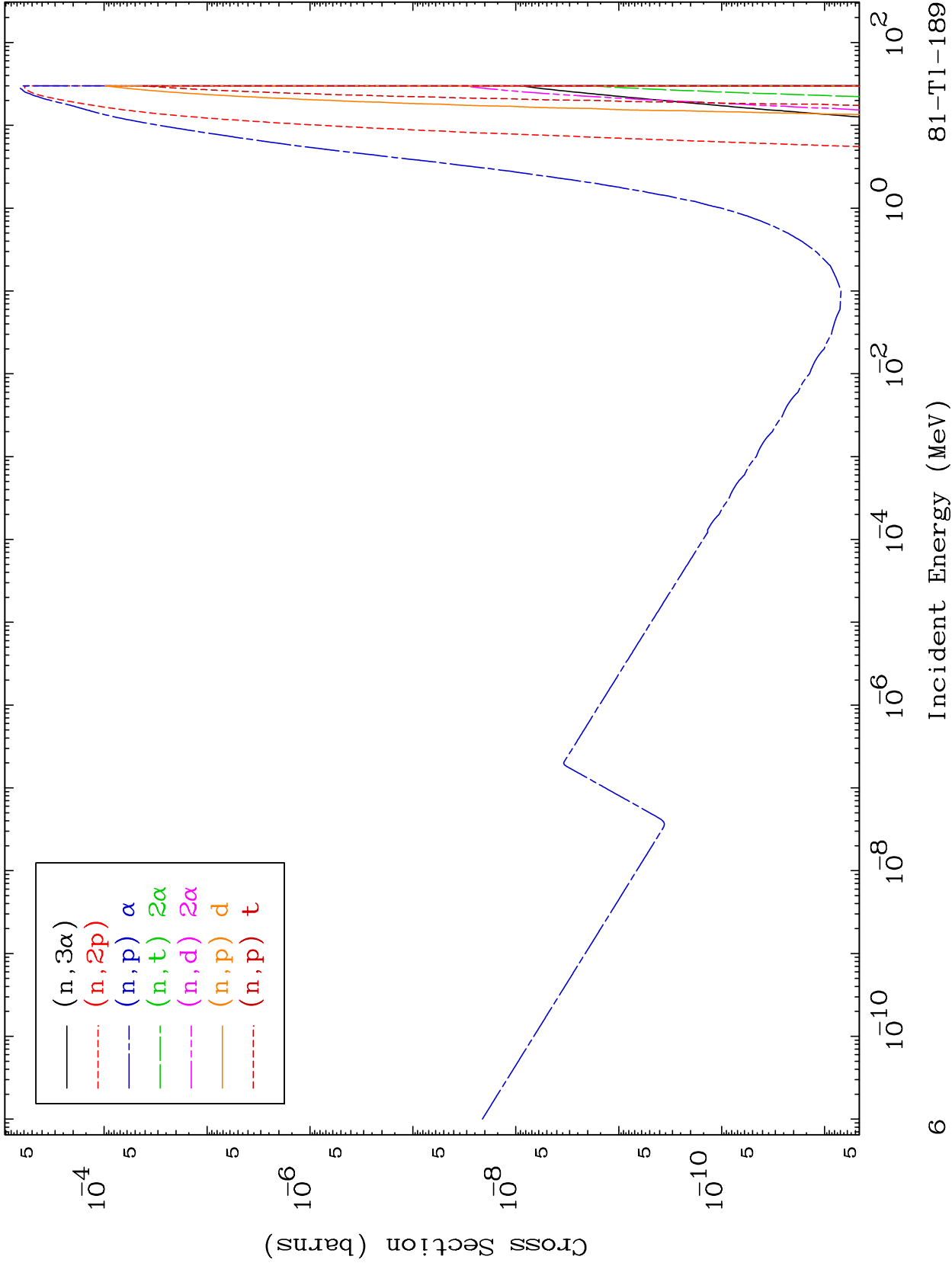
81-Tl-189



MAT 8083

Charged Particle  
293 Kelvin Cross Sections

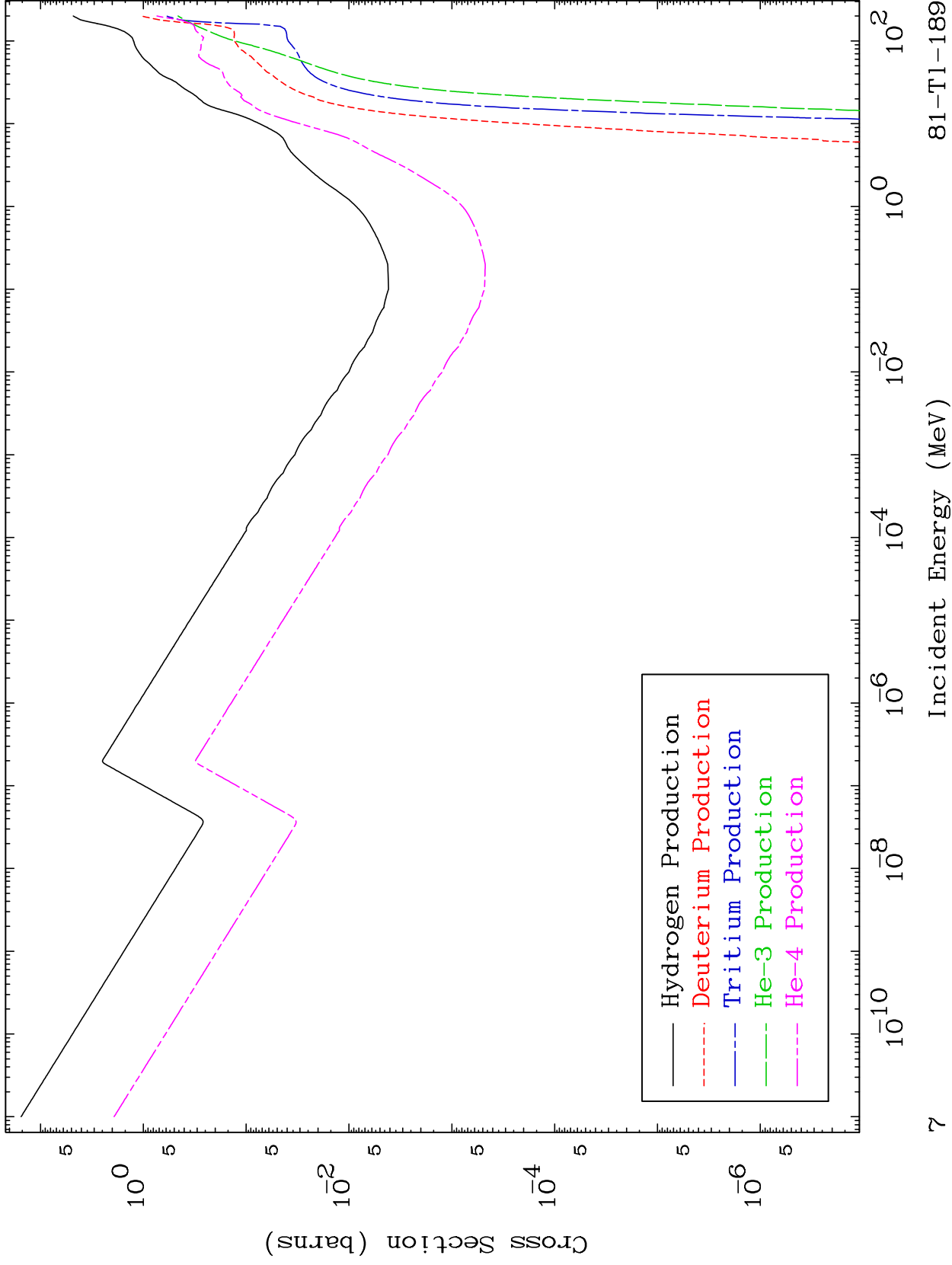
81-Tl-189



MAT 8083

Particle Production  
293 Kelvin Cross Sections

81-T1-189

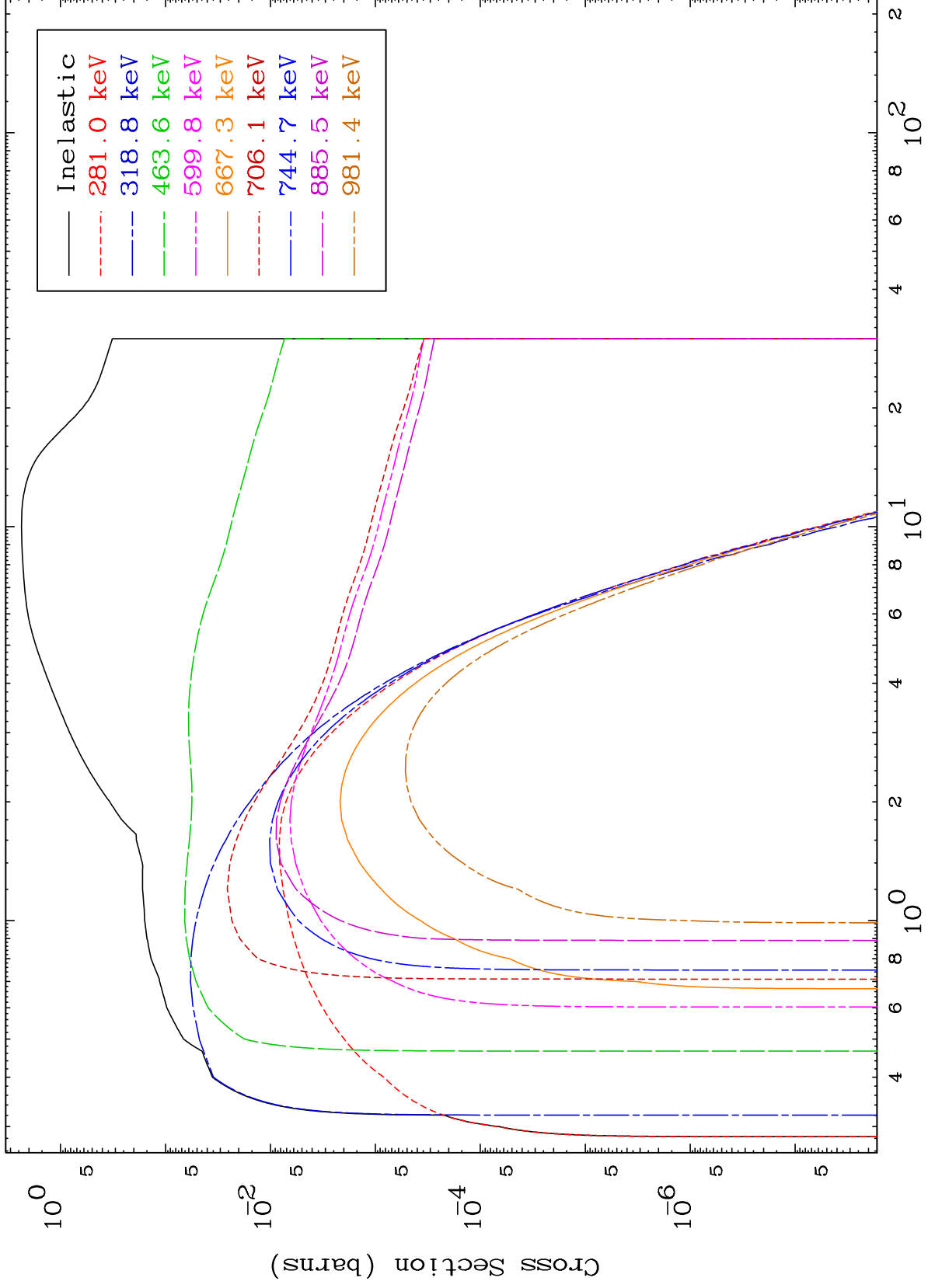




MAT 8083

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-189



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Incident Energy (MeV)

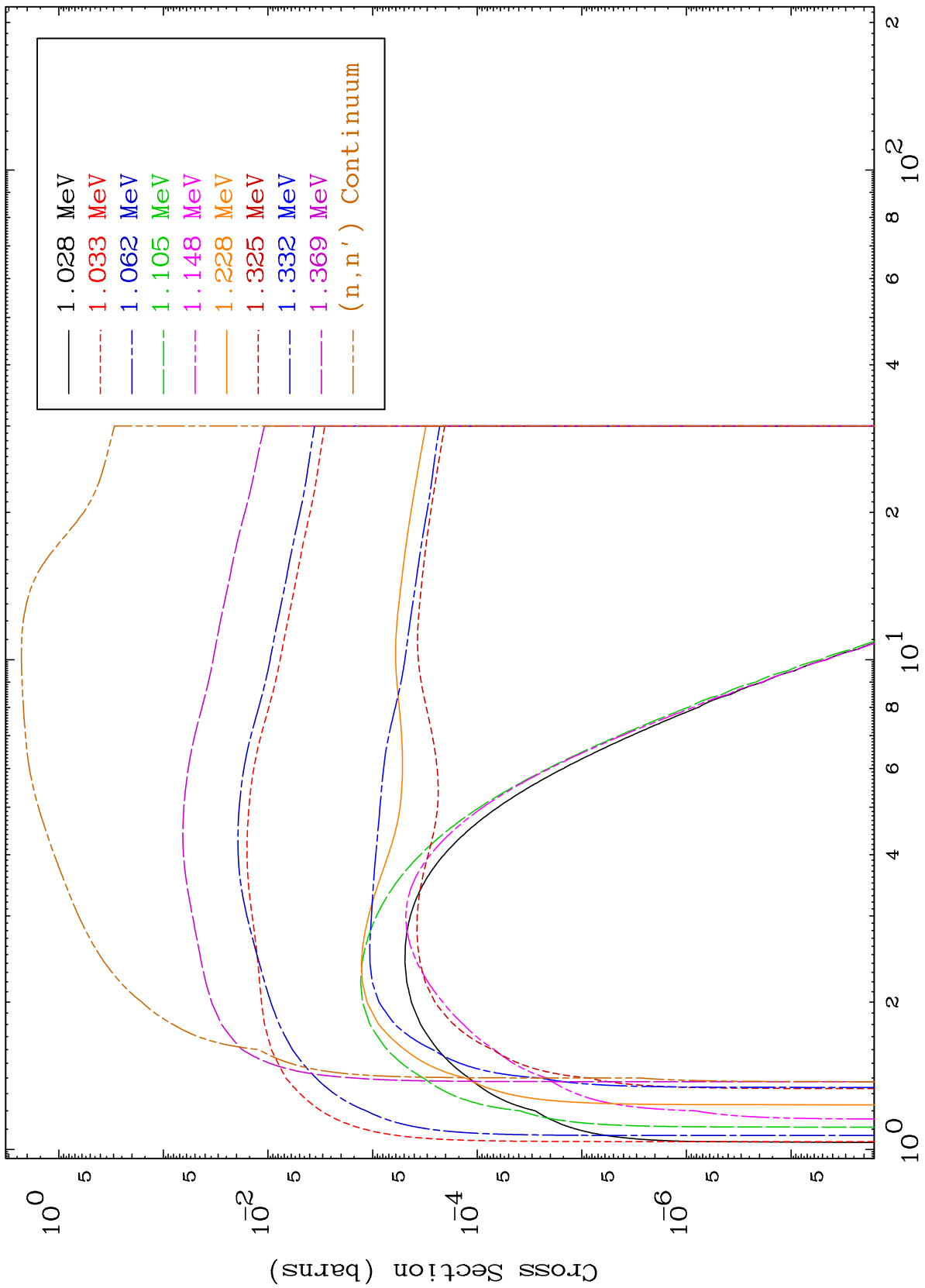
81-Tl-189

MAT 8083

(n,n') Level

81-Tl-189

293 Kelvin Cross Sections



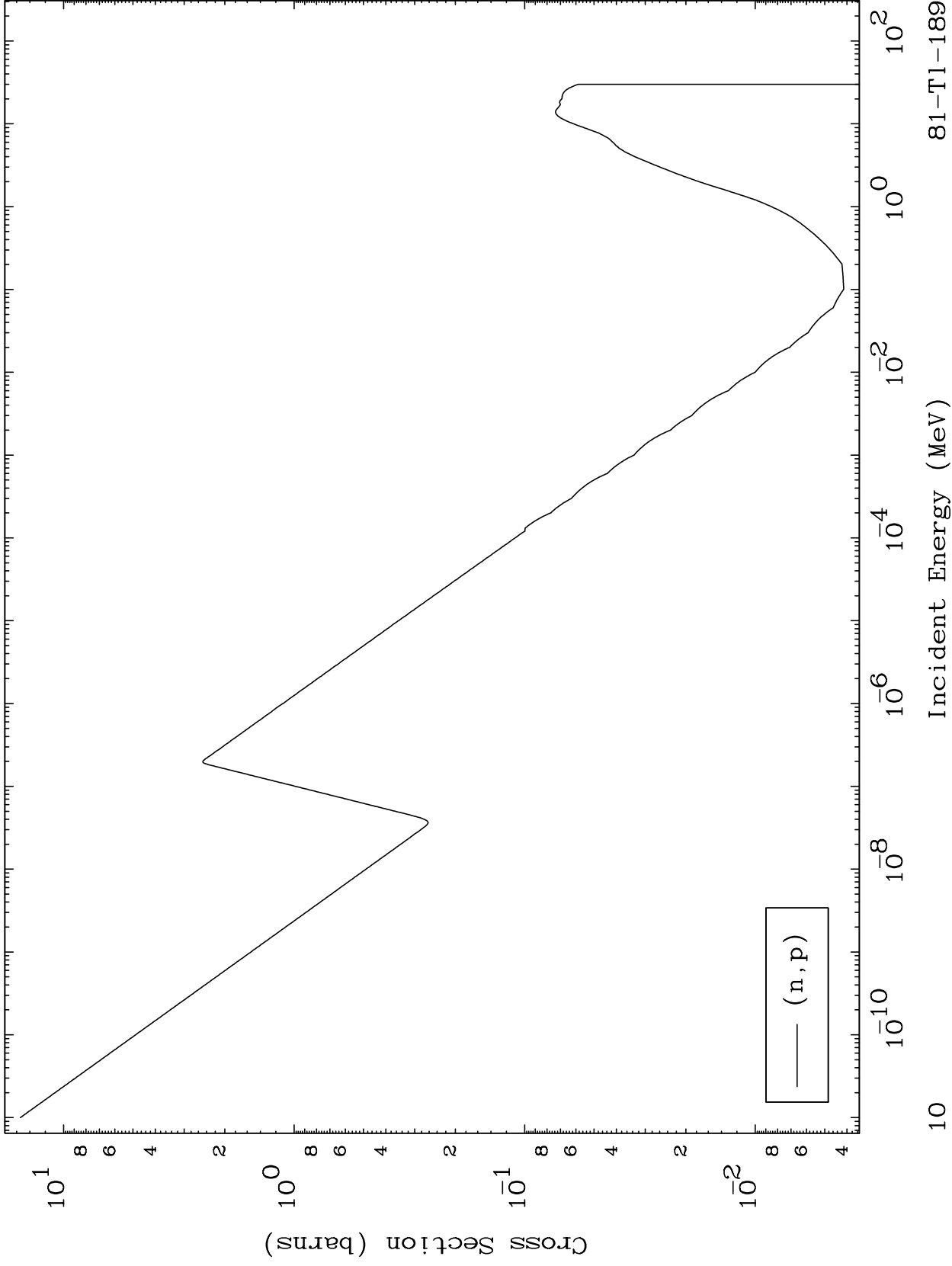
Incident Energy (MeV)

81-Tl-189

MAT 8083

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-189



10

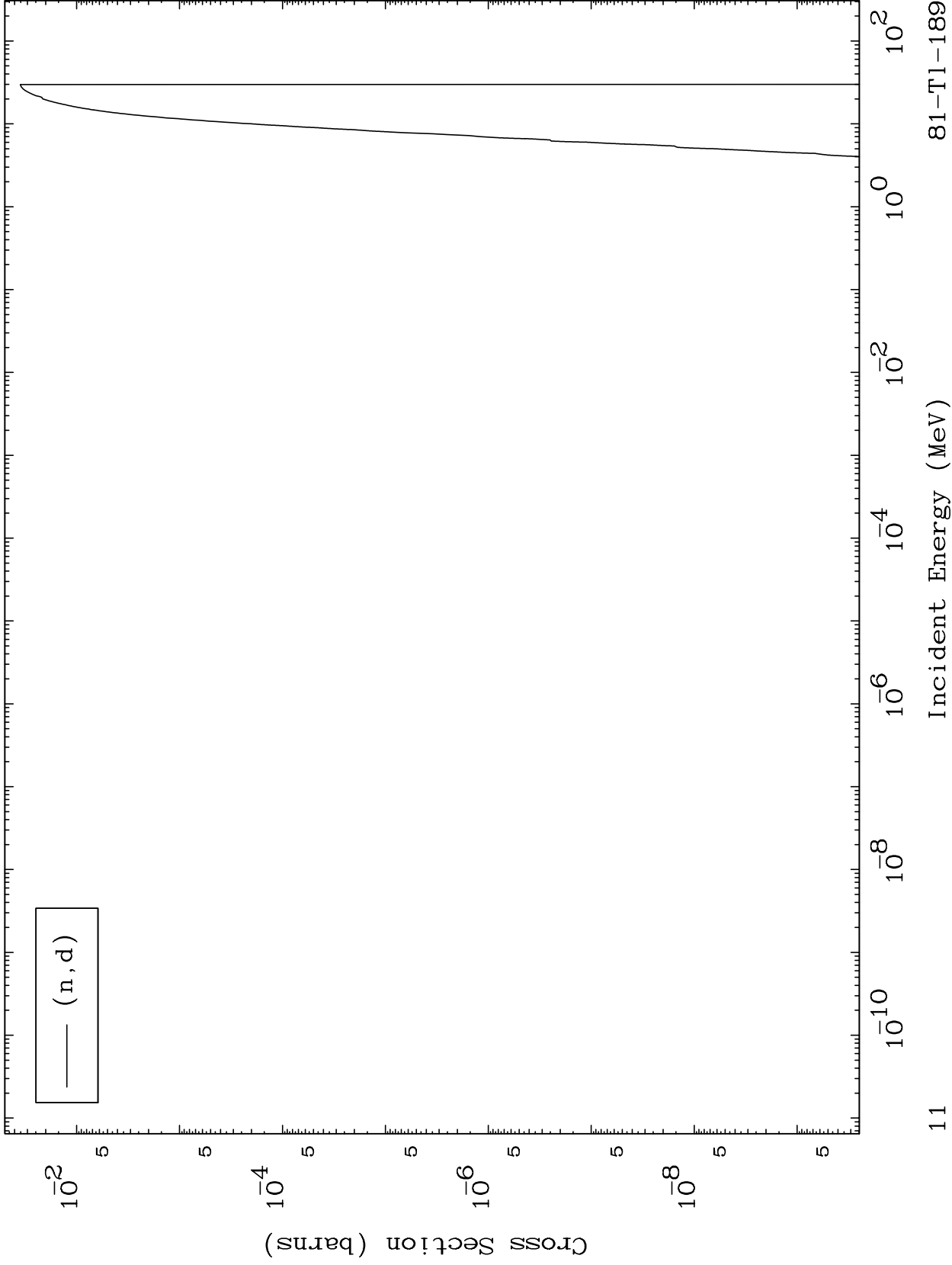
Incident Energy (MeV)

81-Tl-189

MAT 8083

(n,d) Levels  
293 Kelvin Cross Sections

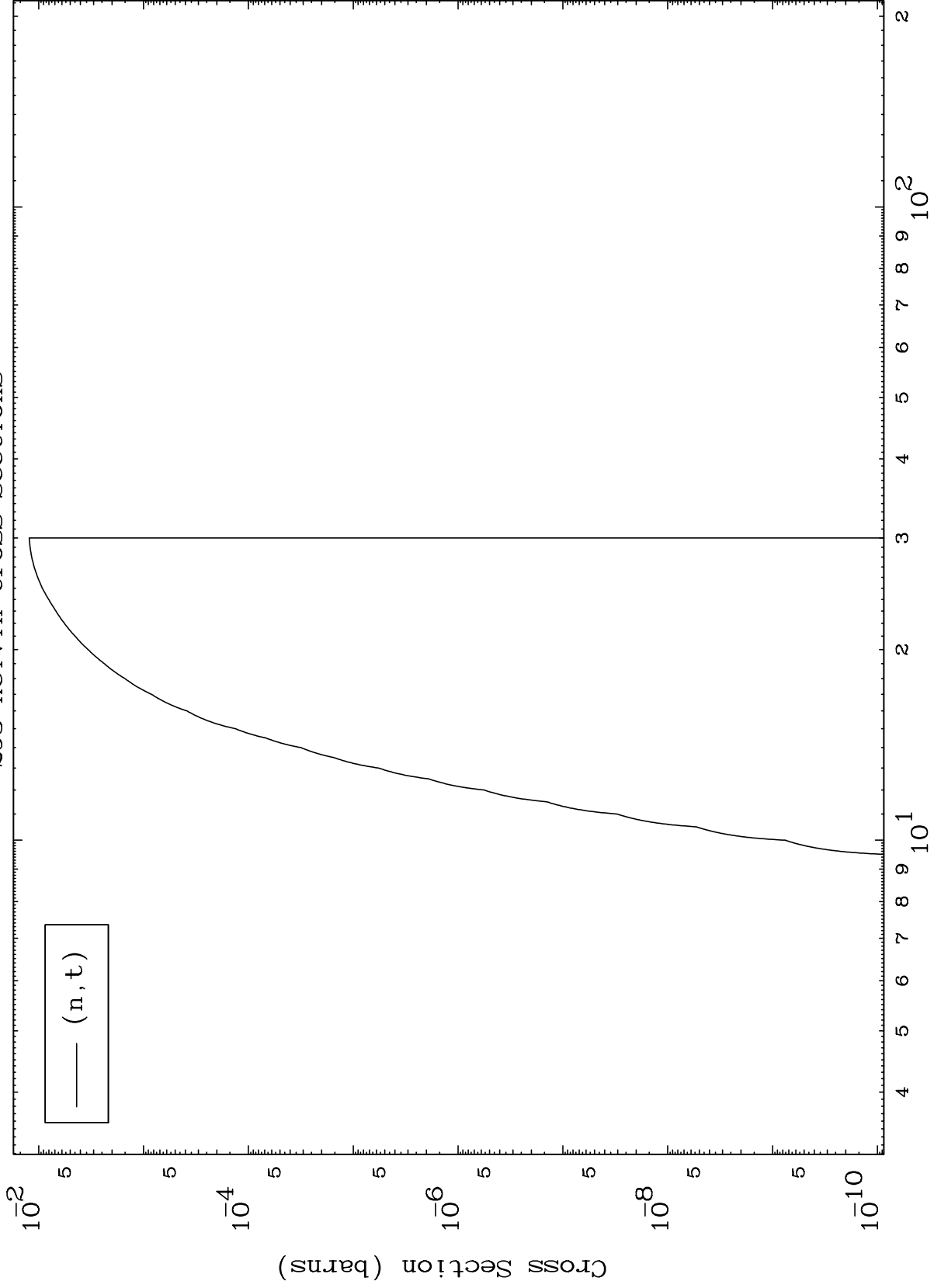
81-Tl-189



MAT 8083

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-189



12

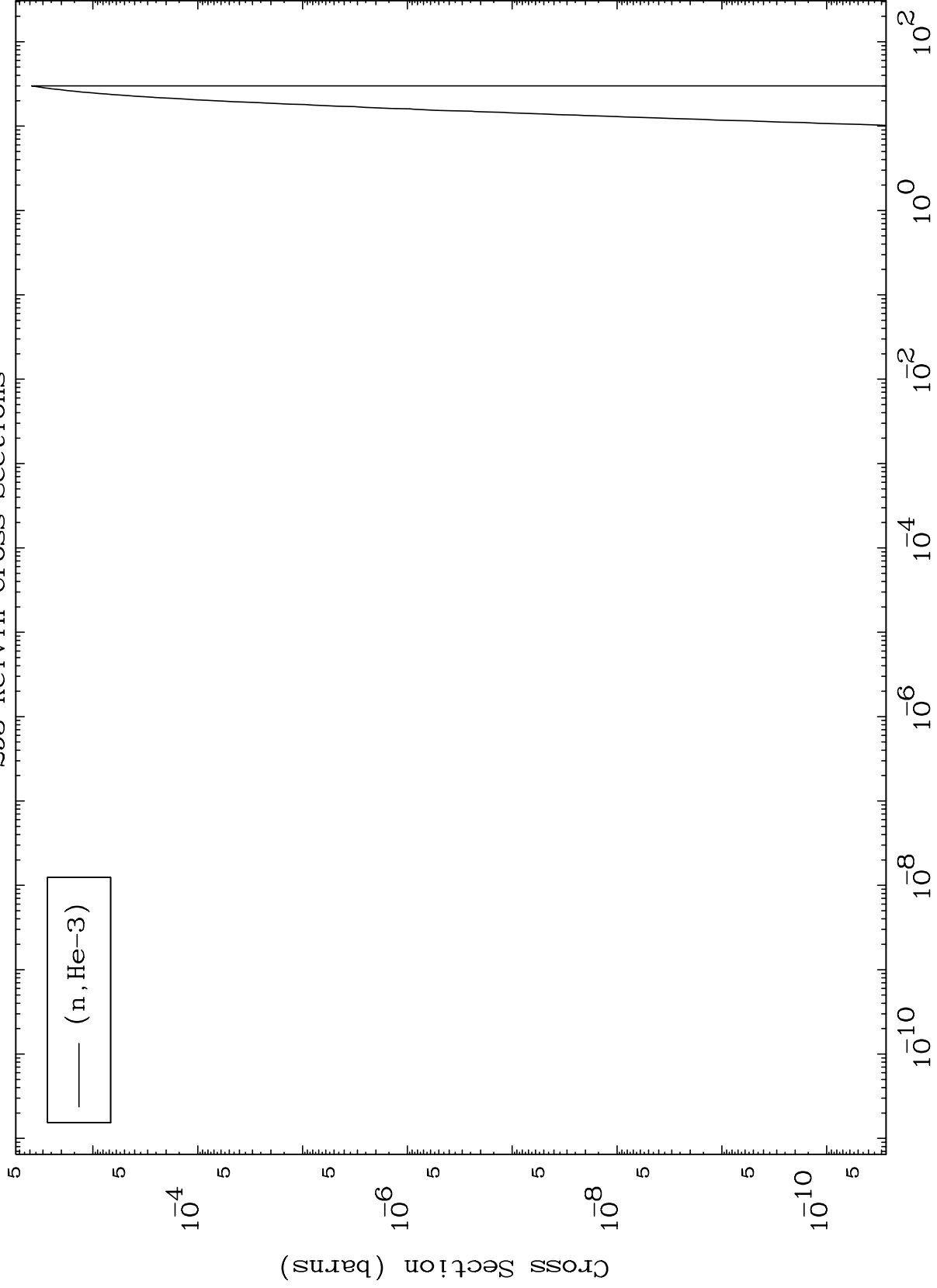
Incident Energy (MeV)

81-Tl-189

MAT 8083

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-189

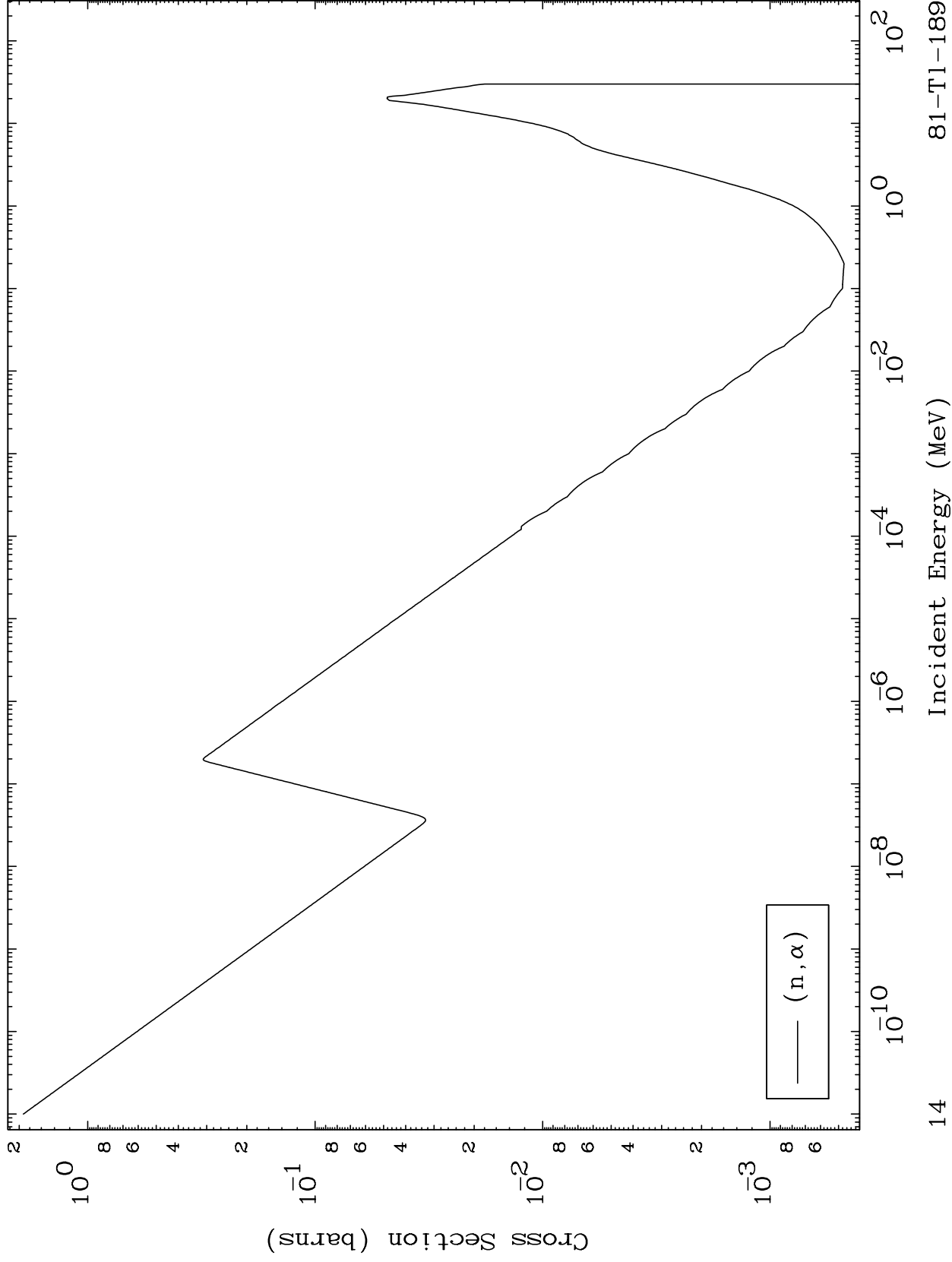


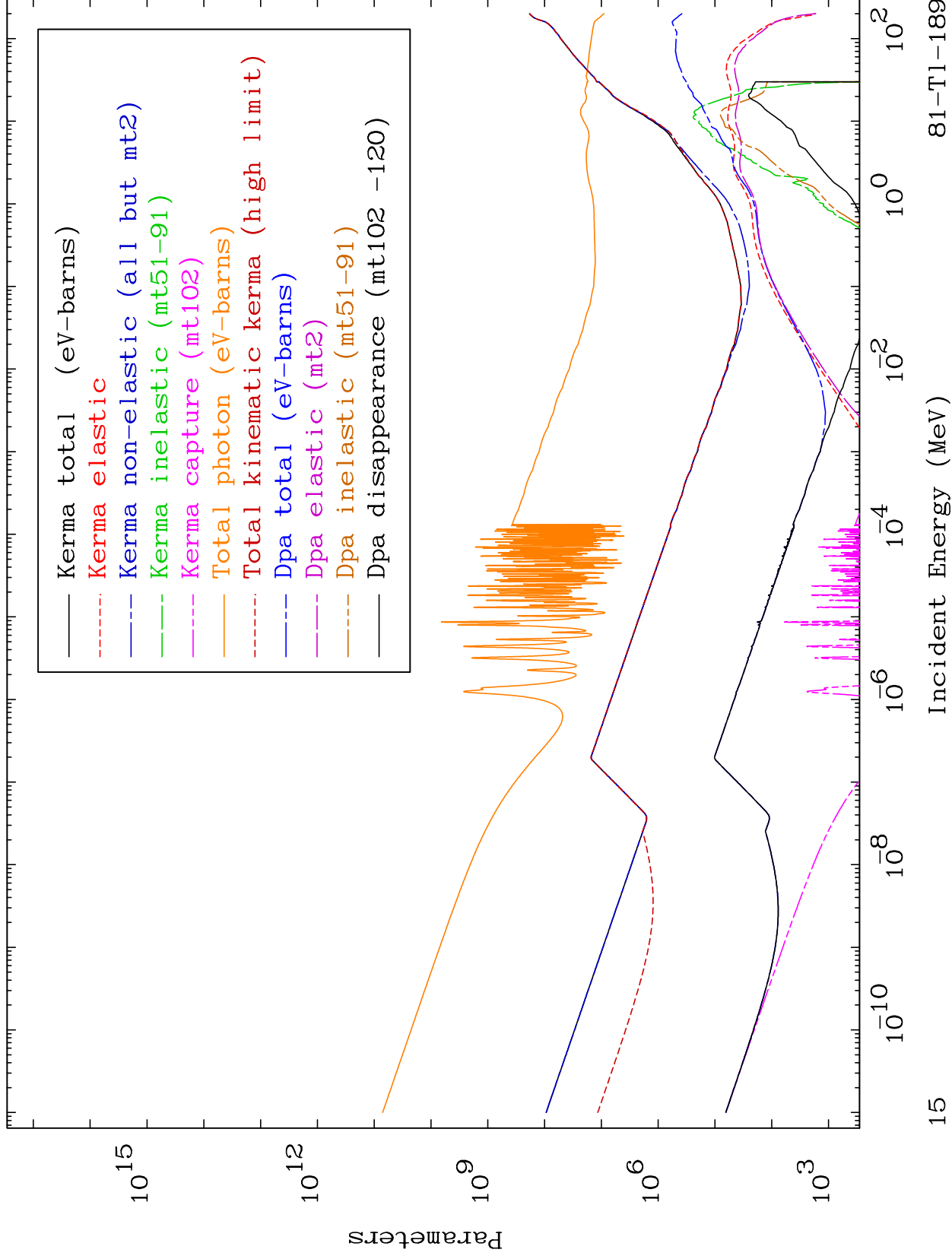
(n, He-3)

MAT 8083

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

81-Tl-189



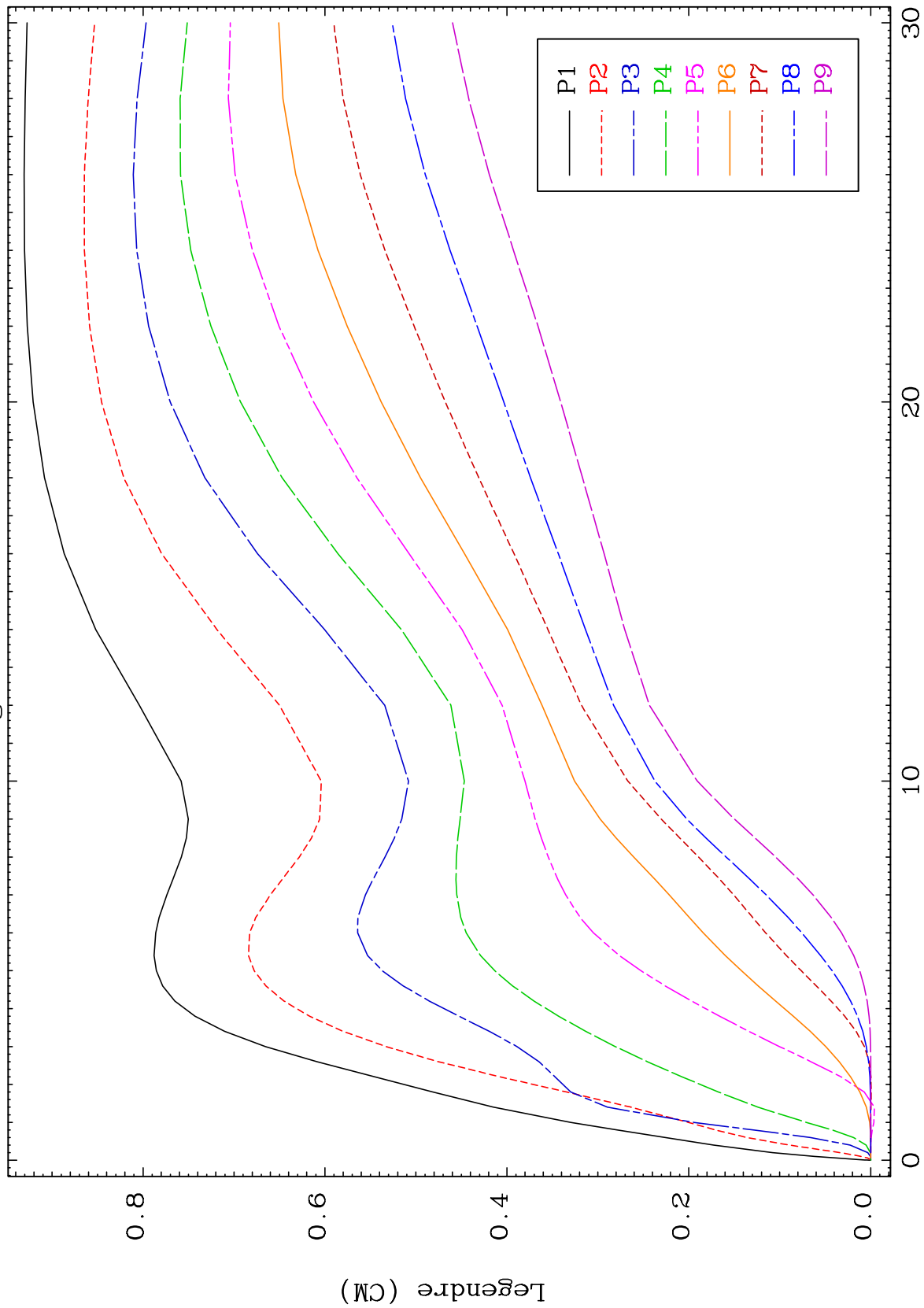




MAT 8083

Elastic Legendre Coefficients

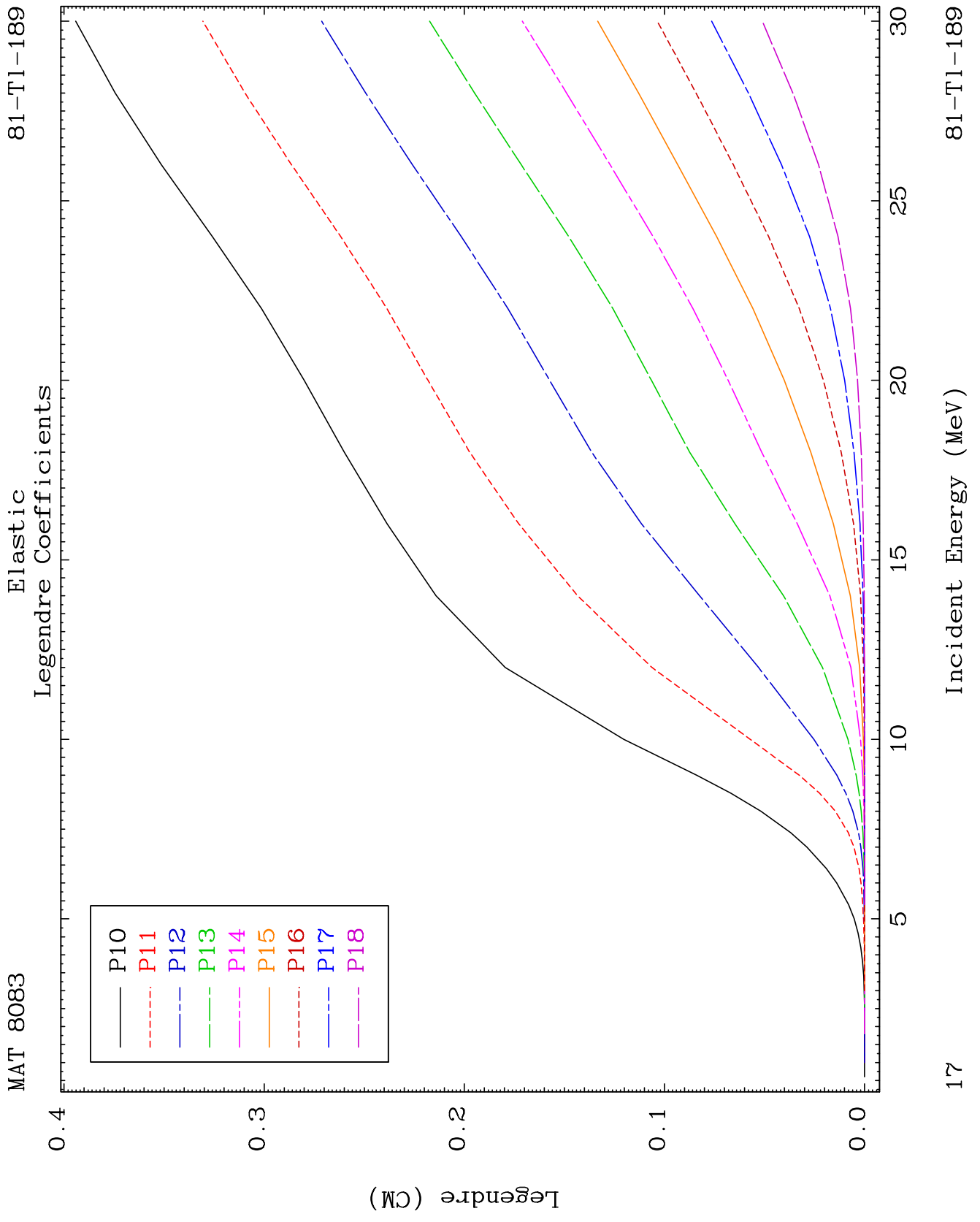
81-Tl-189



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Incident Energy (MeV)

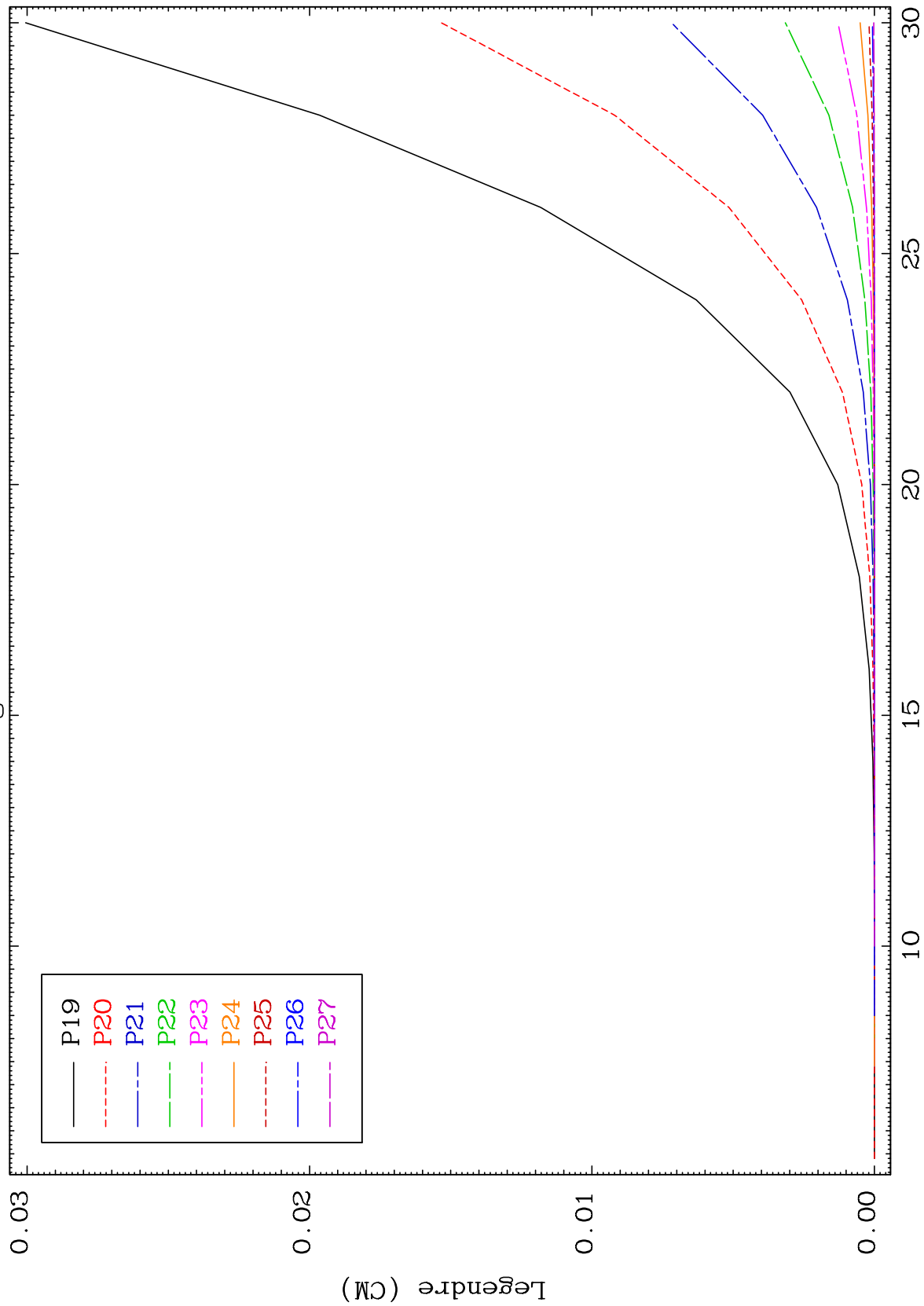
81-Tl-189



MAT 8083

Elastic Legendre Coefficients

81-Tl-189



18

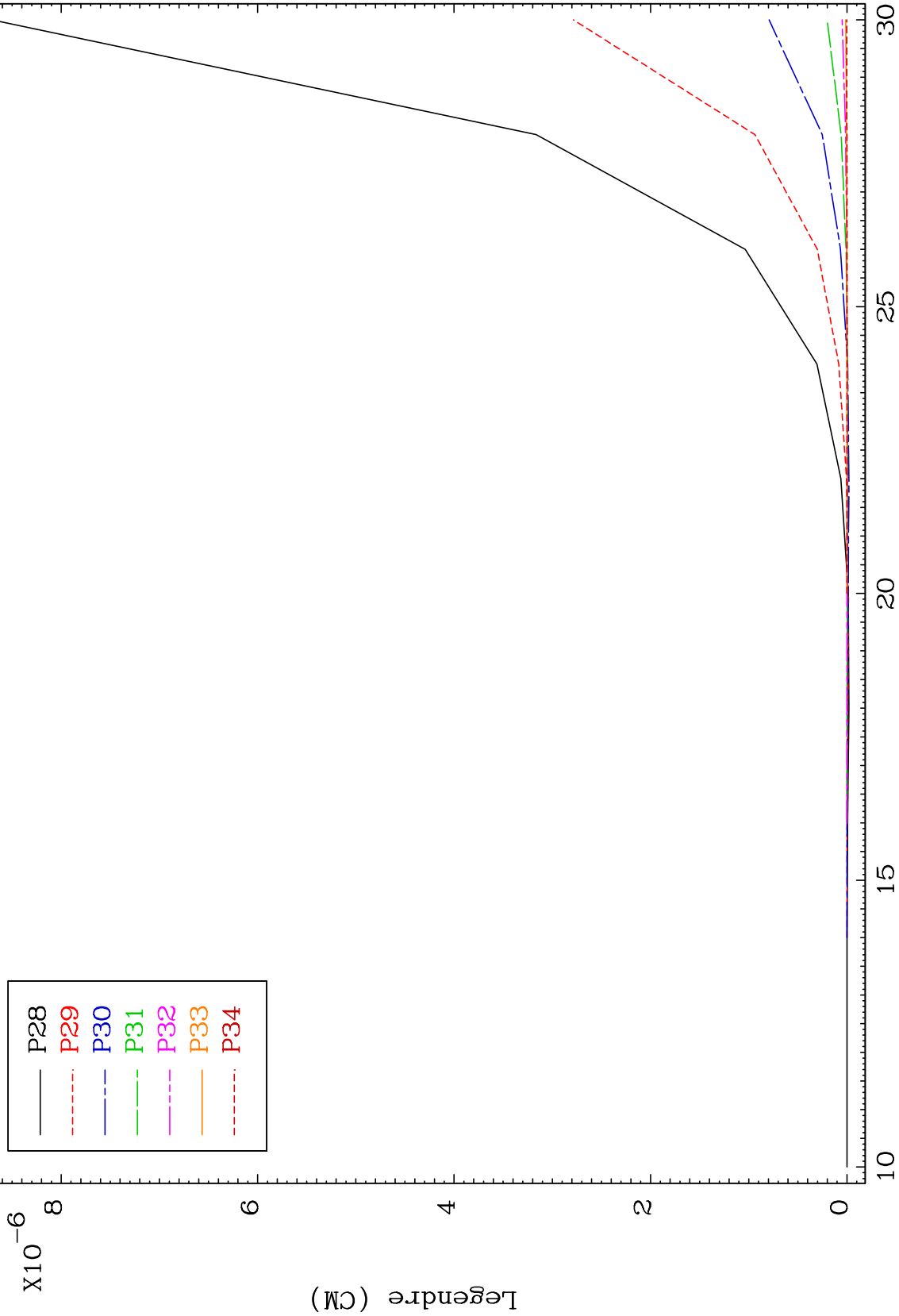
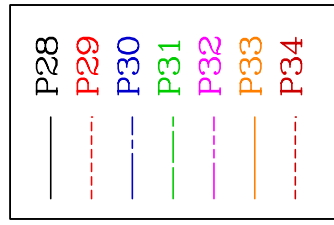
Incident Energy (MeV)

81-Tl-189

MAT 8083

Elastic Legendre Coefficients

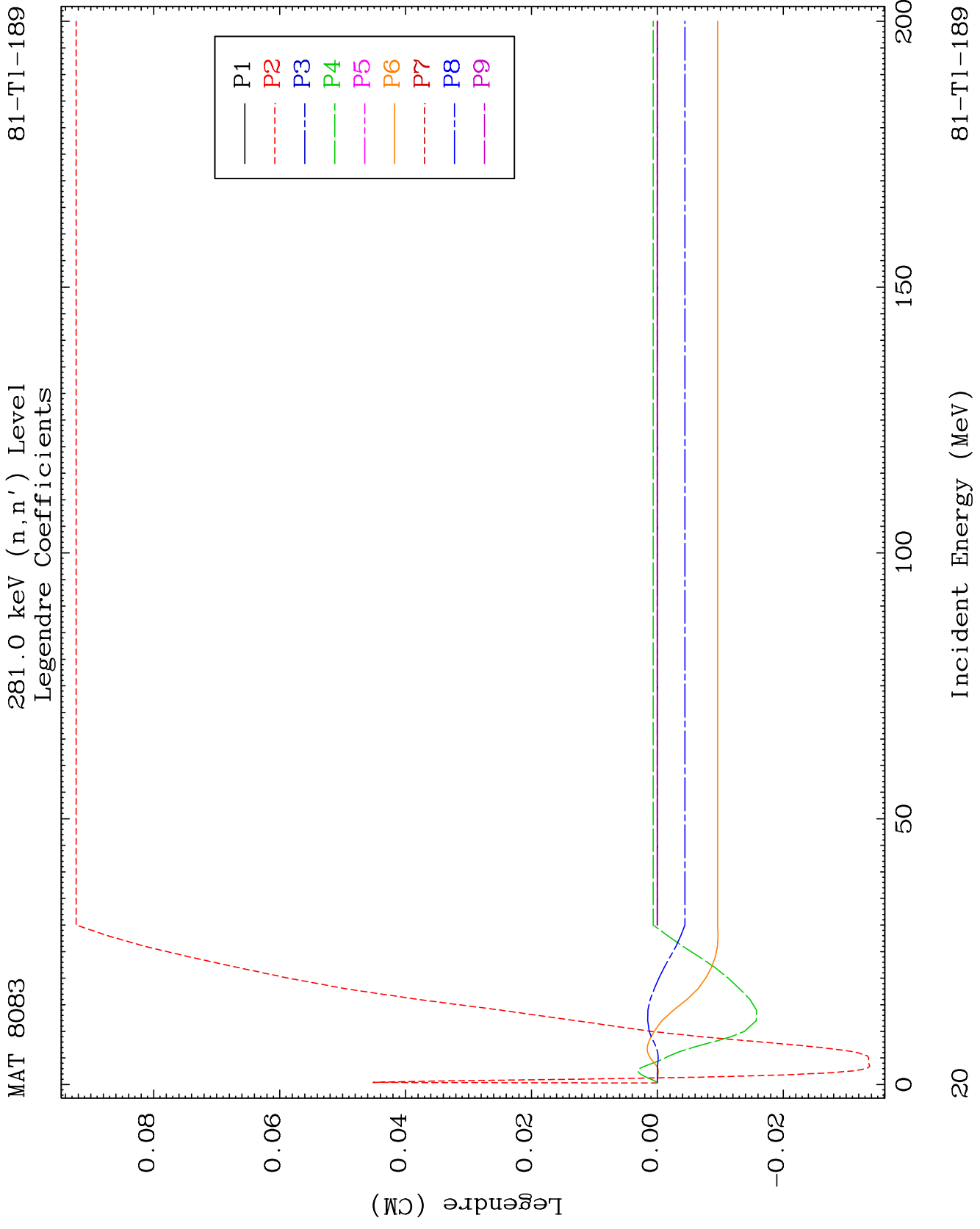
81-Tl-189



19

Incident Energy (MeV)

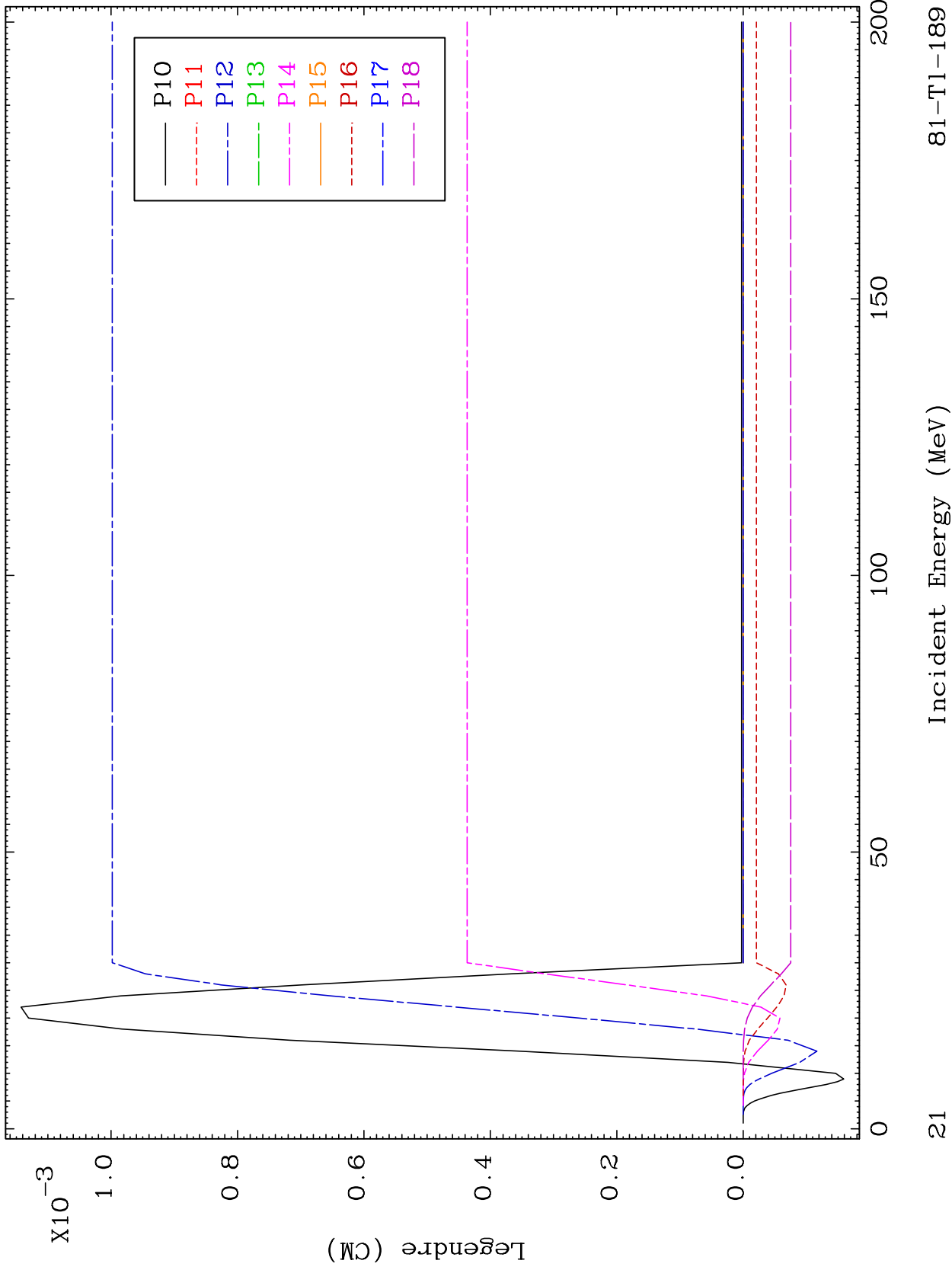
81-Tl-189



MAT 8083

281.0 keV (n,n') Level  
Legendre Coefficients

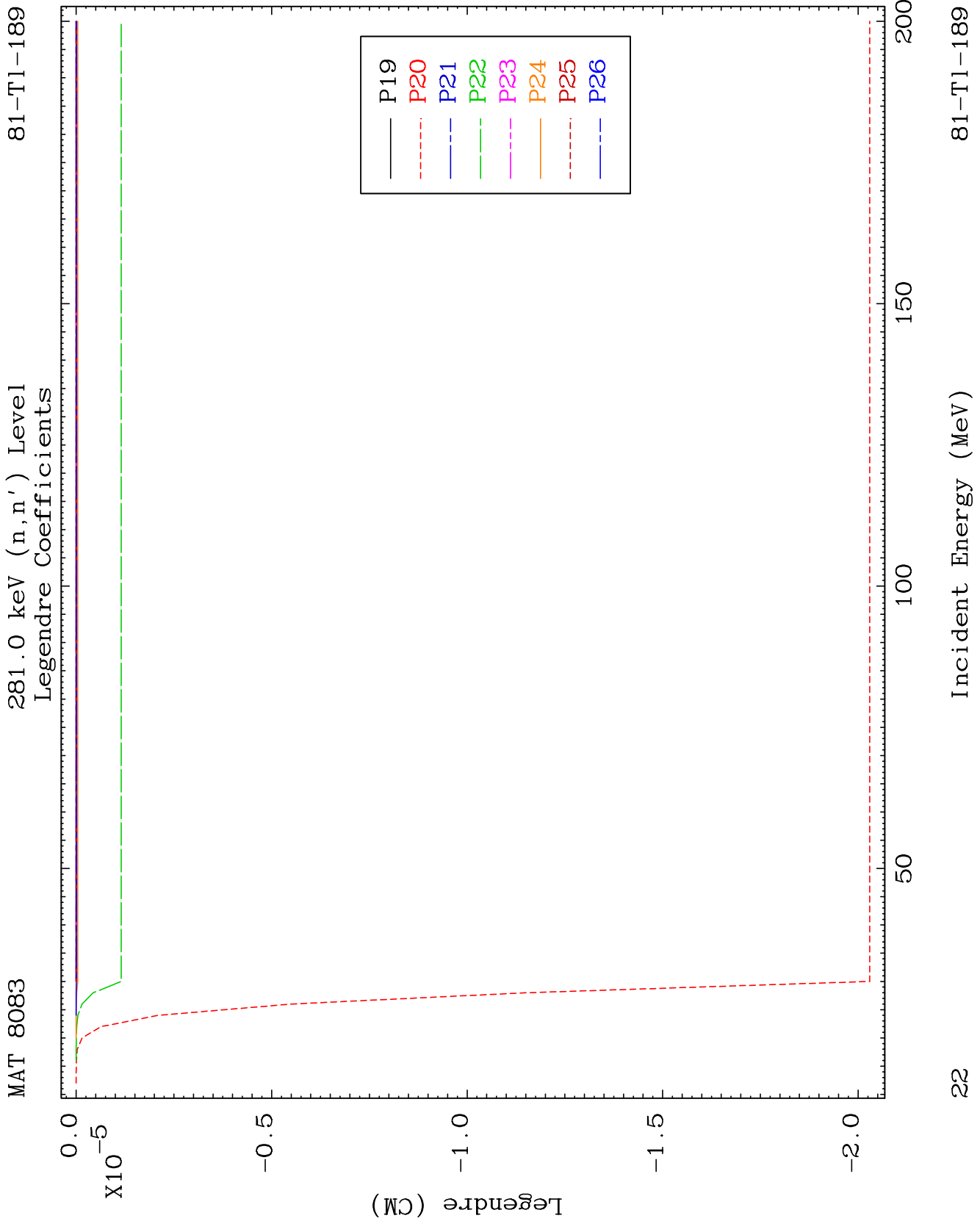
81-Tl-189

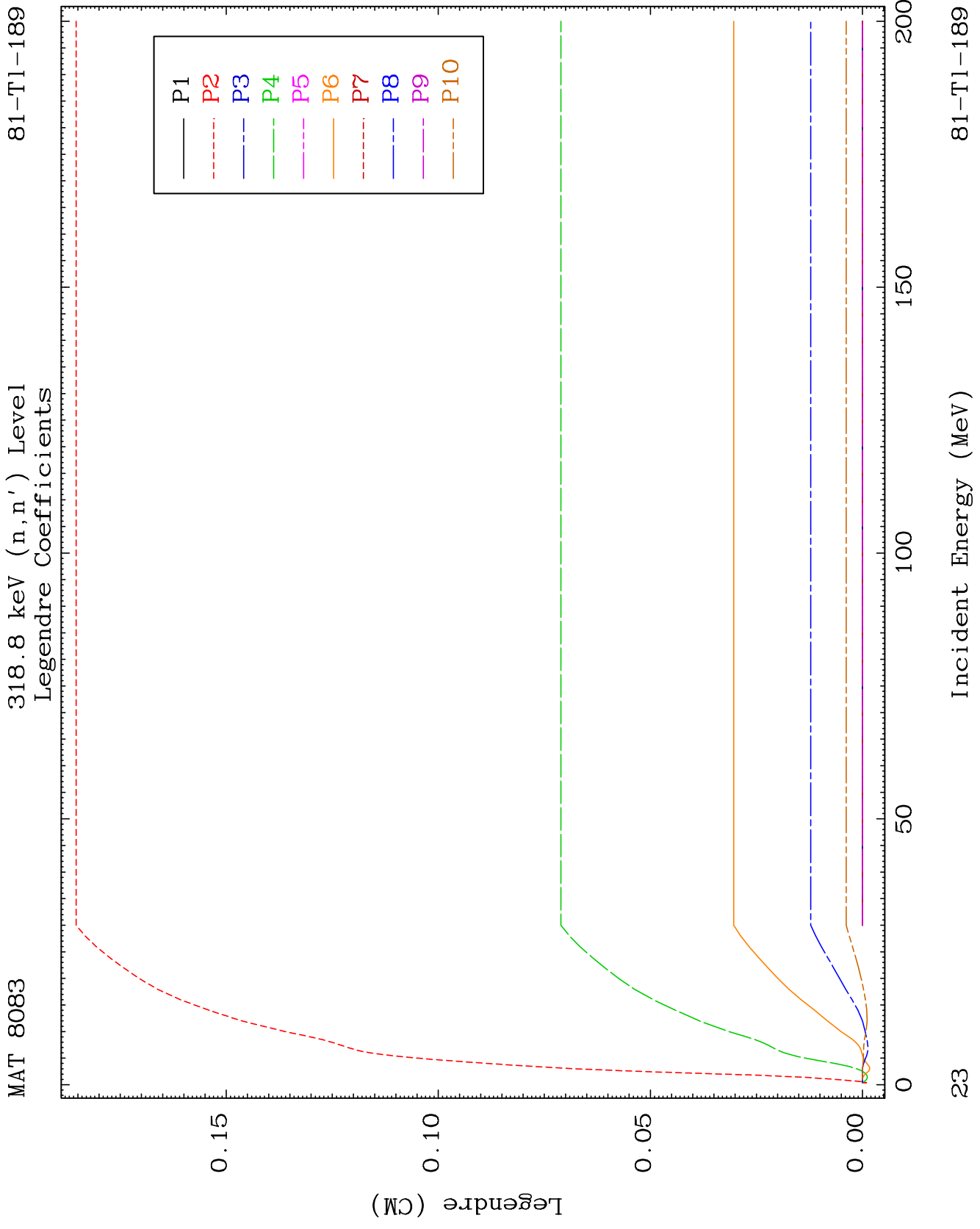


21

Incident Energy (MeV)

81-Tl-189



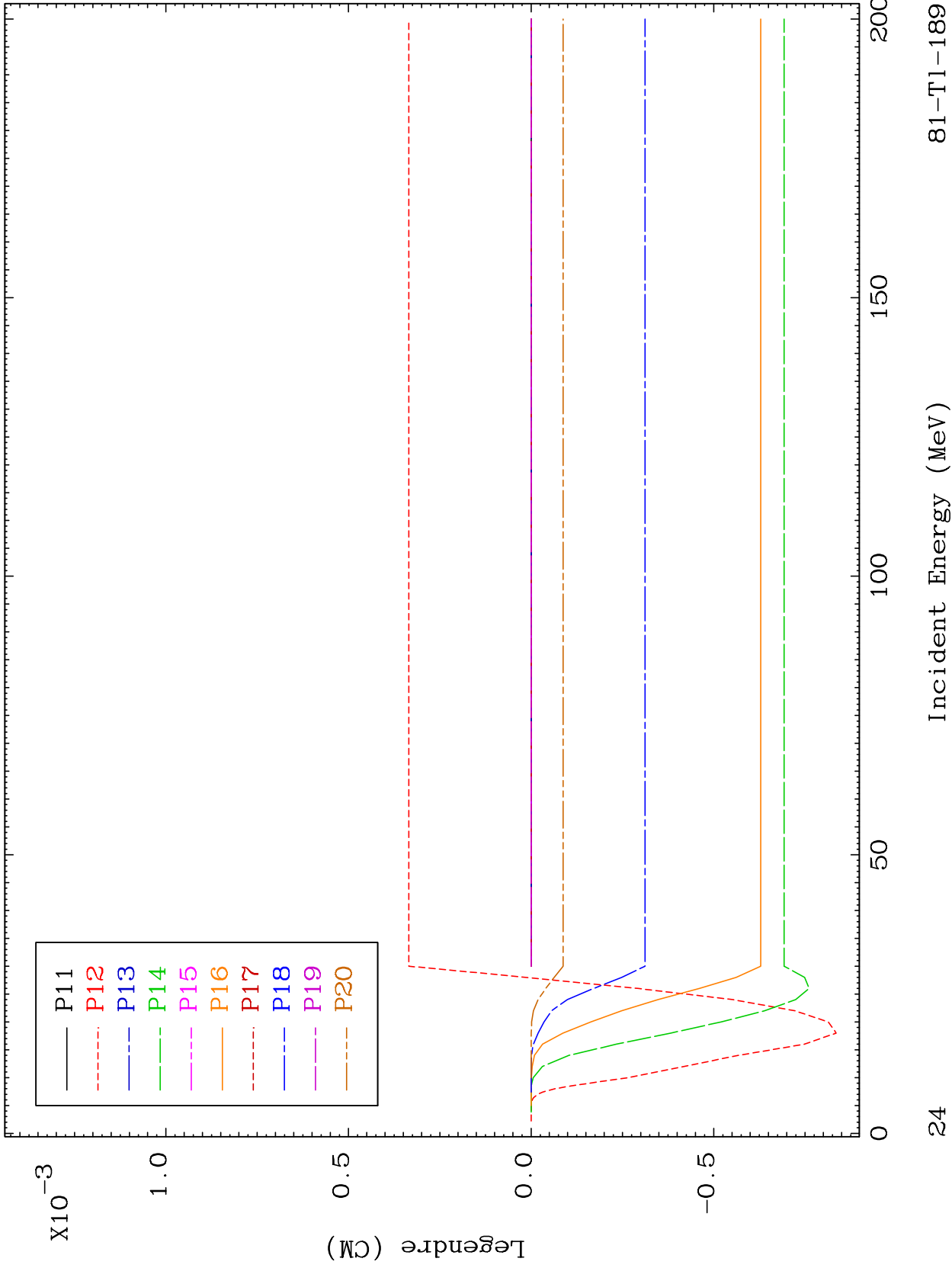




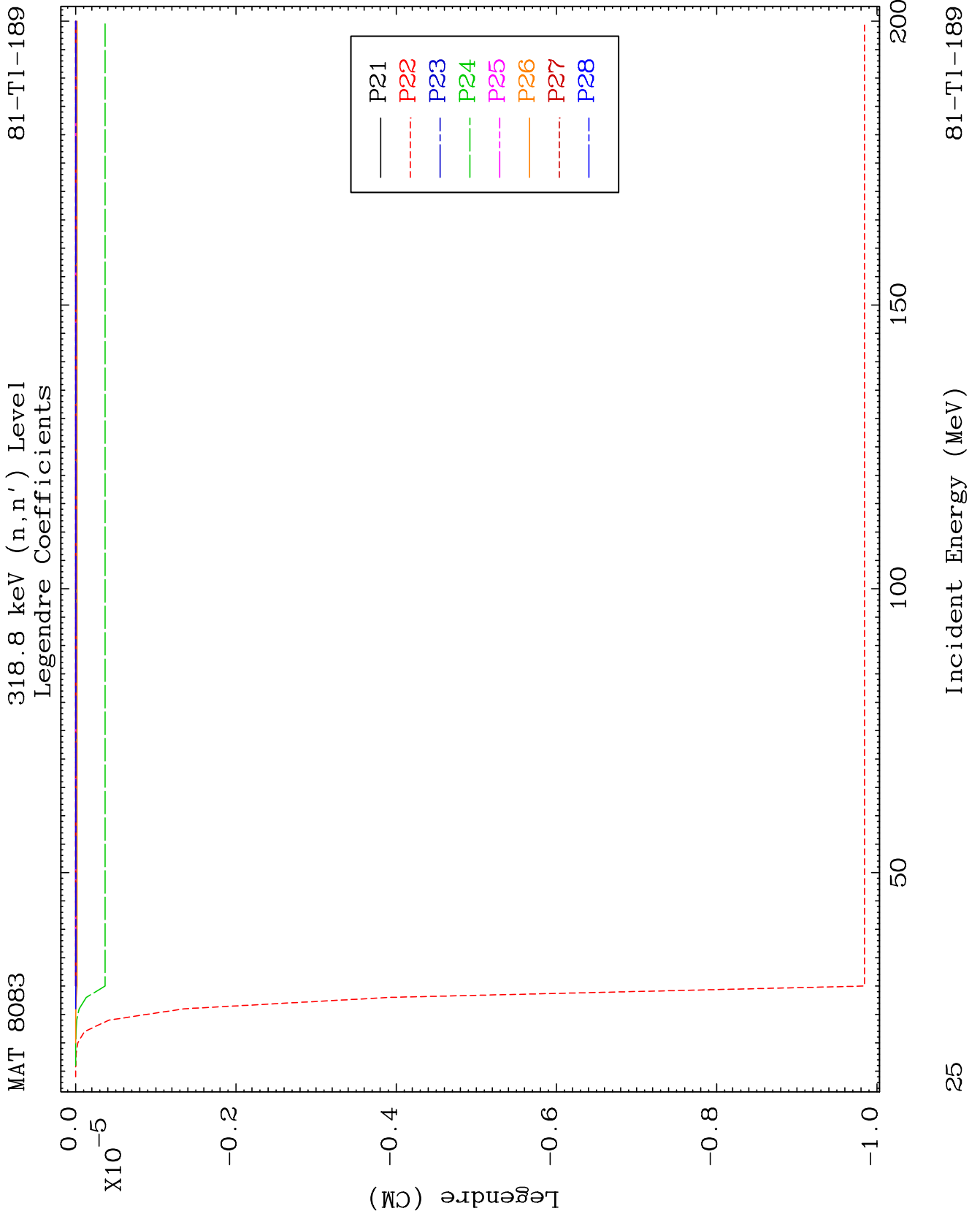
MAT 8083

318.8 keV (n,n') Level  
Legendre Coefficients

81-Tl-189



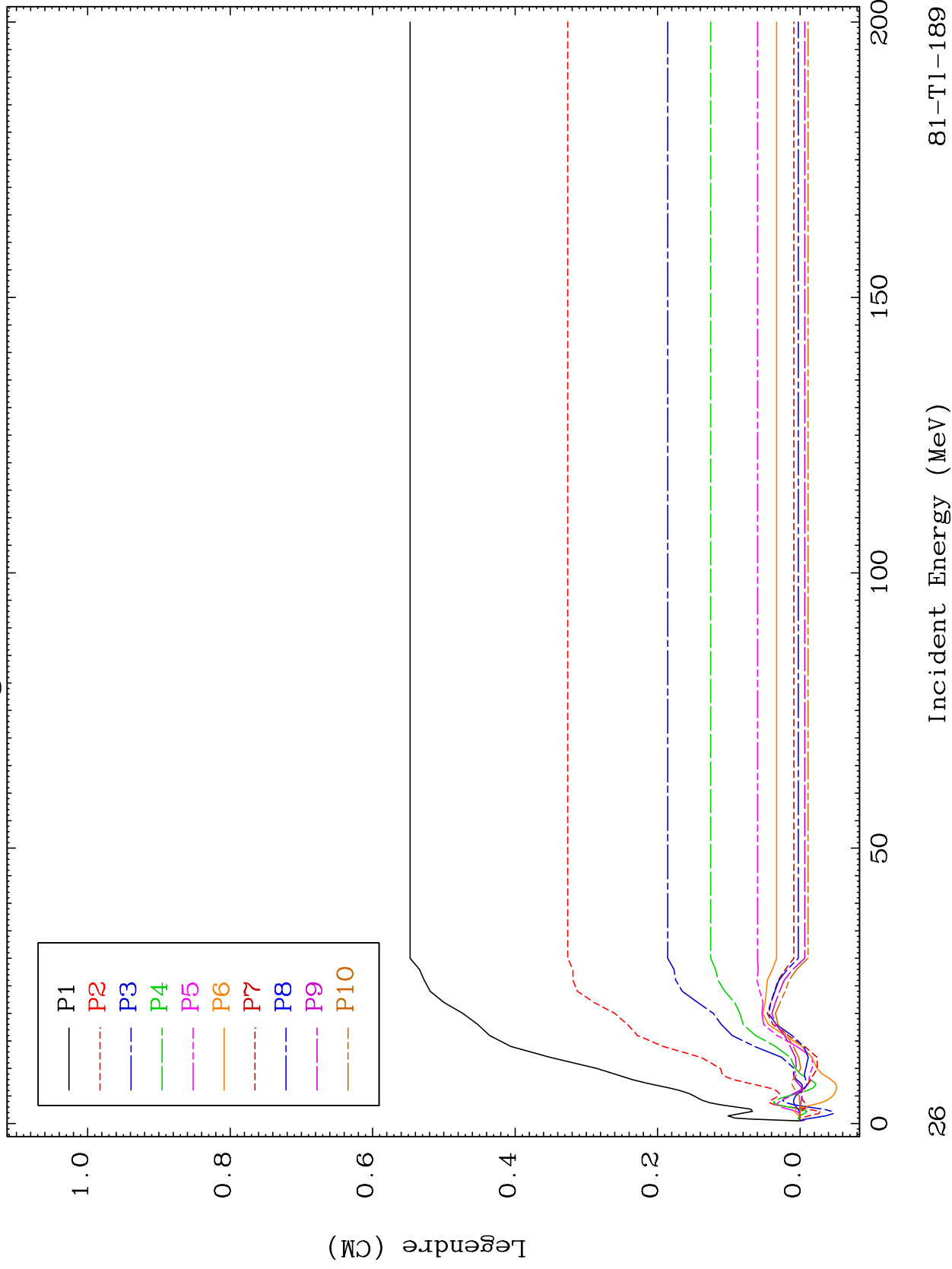
24



MAT 8083

463.6 keV (n,n') Level  
Legendre Coefficients

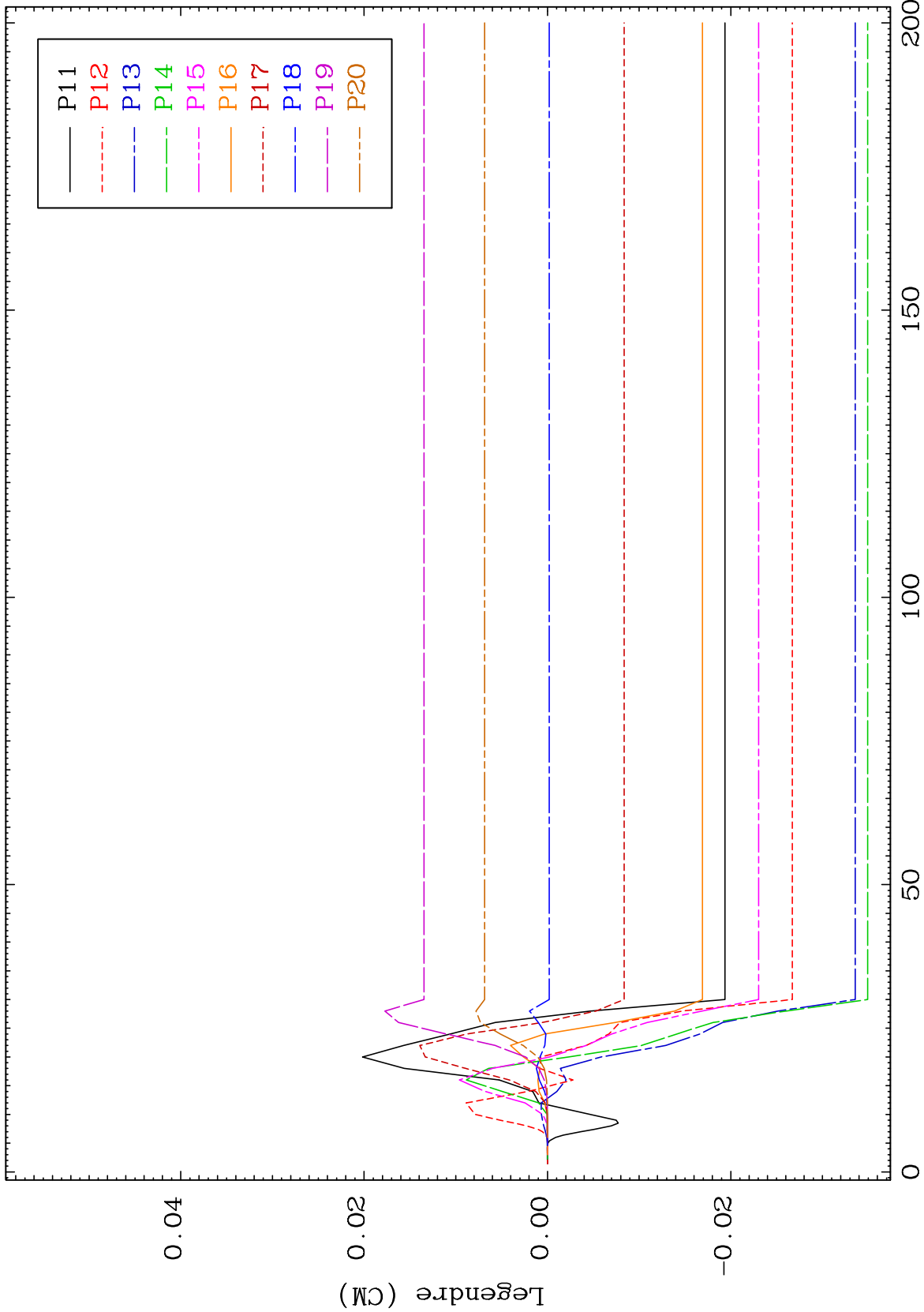
81-Tl-189

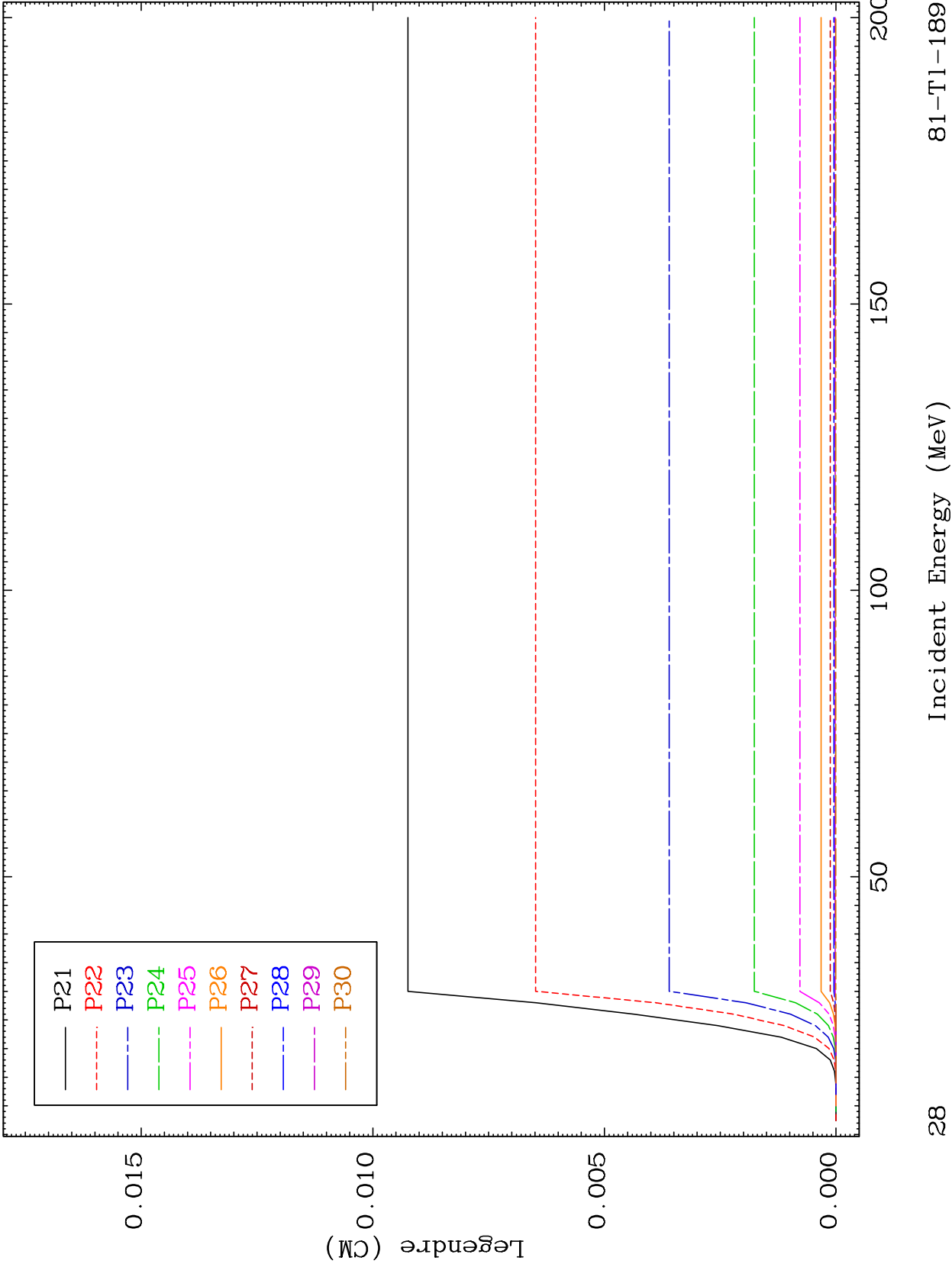


26

Incident Energy (MeV)

81-Tl-189

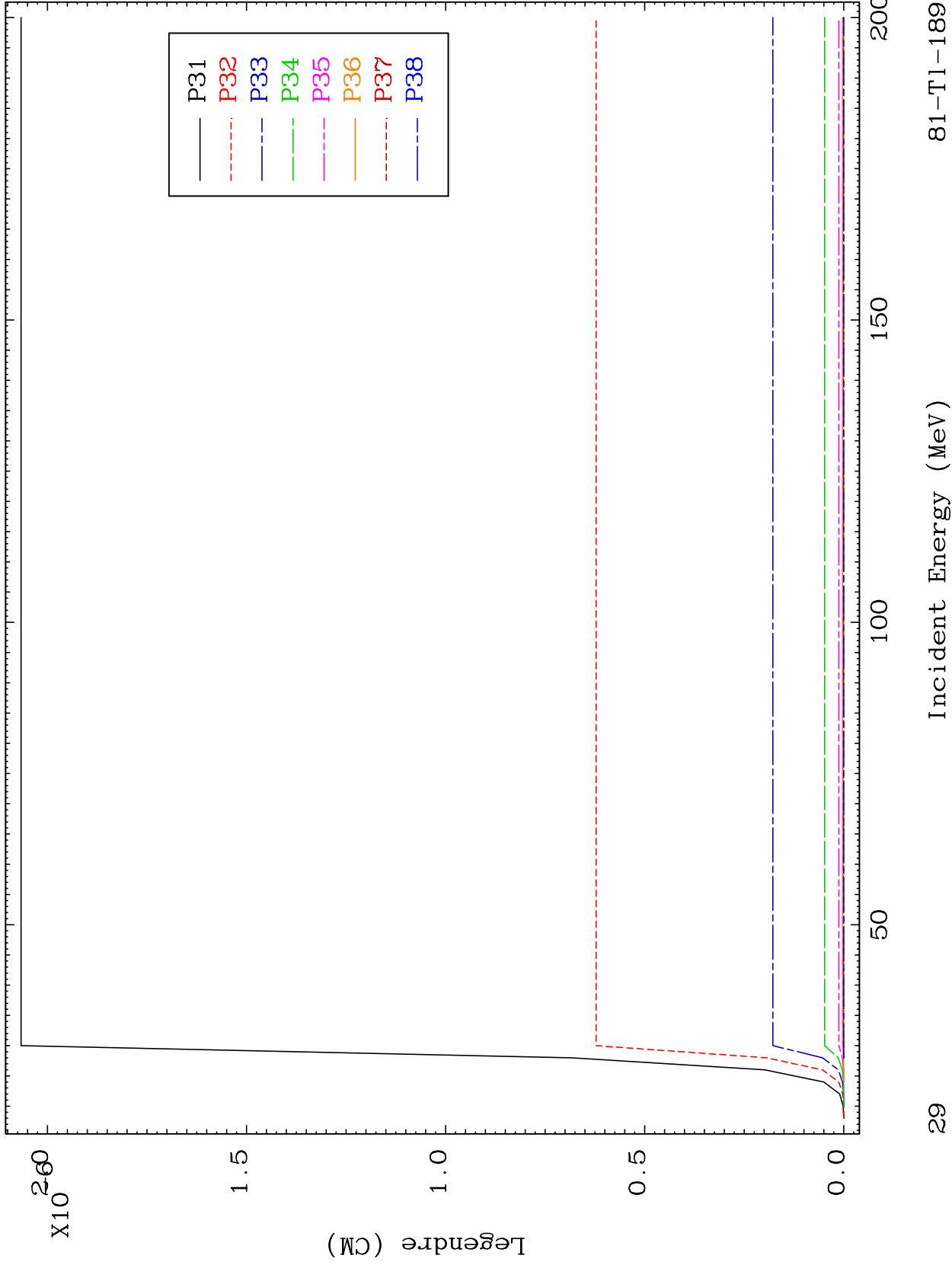


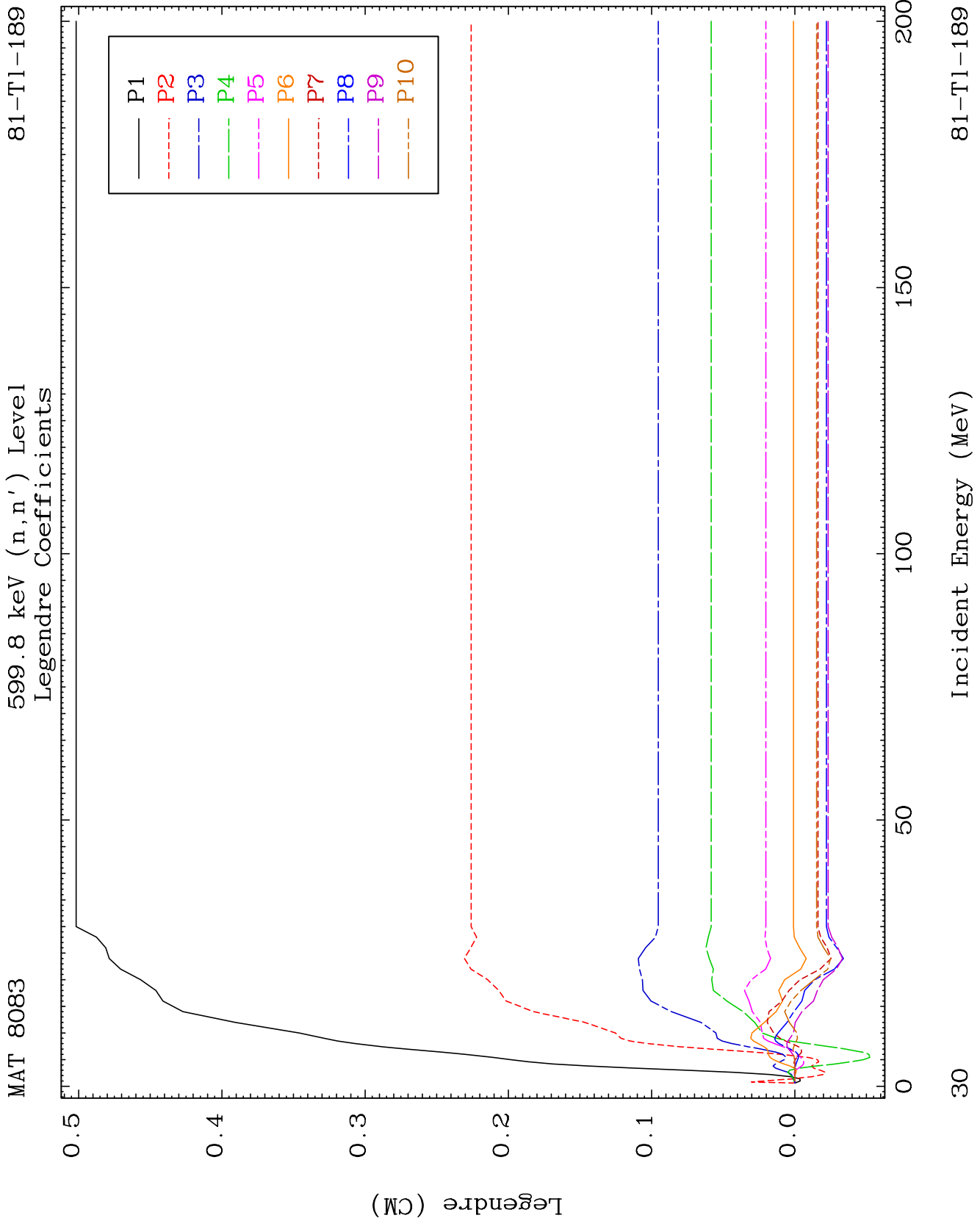


MAT 8083

463.6 keV (n,n') Level  
Legendre Coefficients

81-T1-189

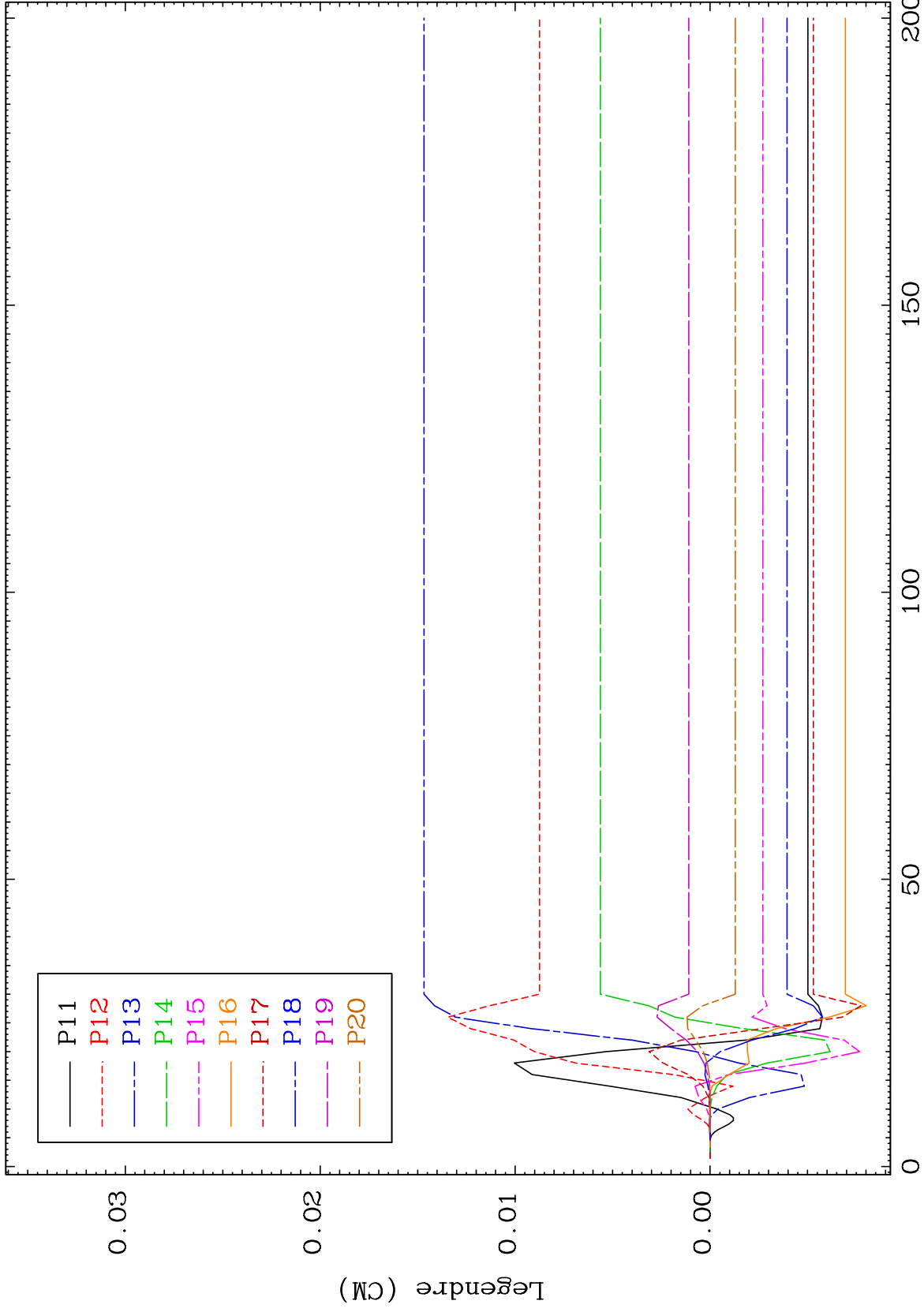




MAT 8083

599.8 keV (n,n') Level  
Legendre Coefficients

81-Tl-189



31

Incident Energy (MeV)

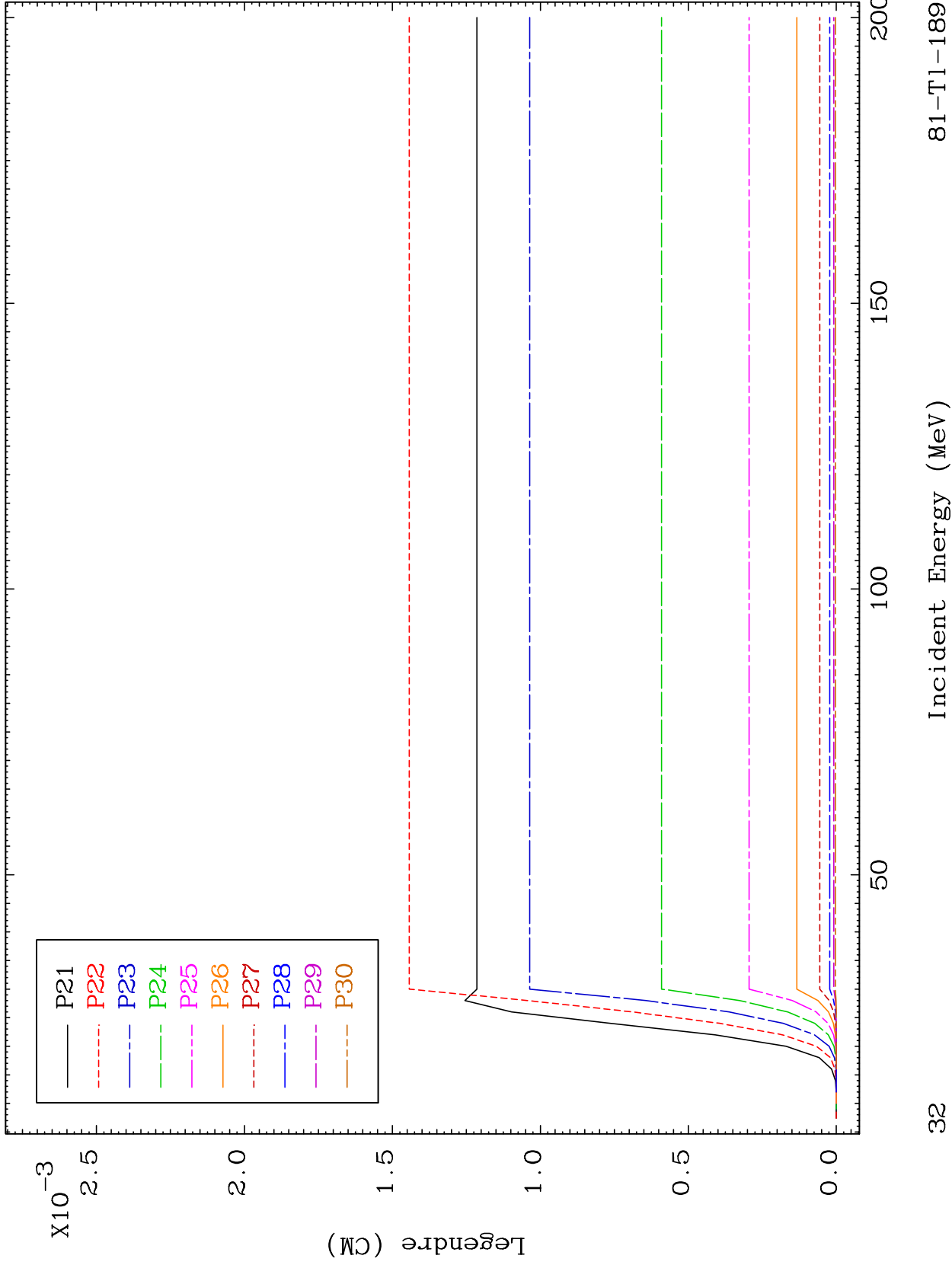
81-Tl-189



MAT 8083

599.8 keV (n,n') Level  
Legendre Coefficients

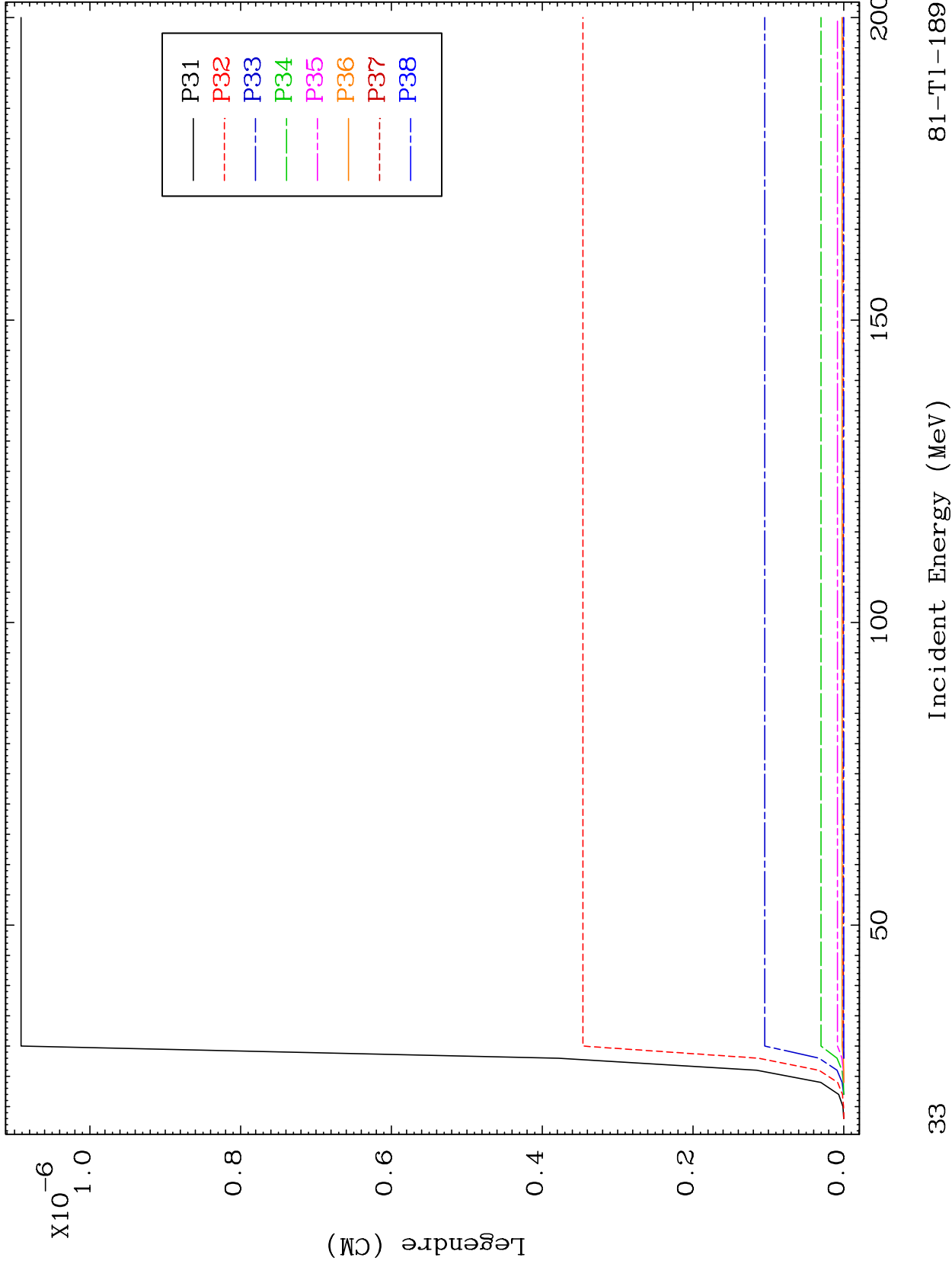
81-Tl-189



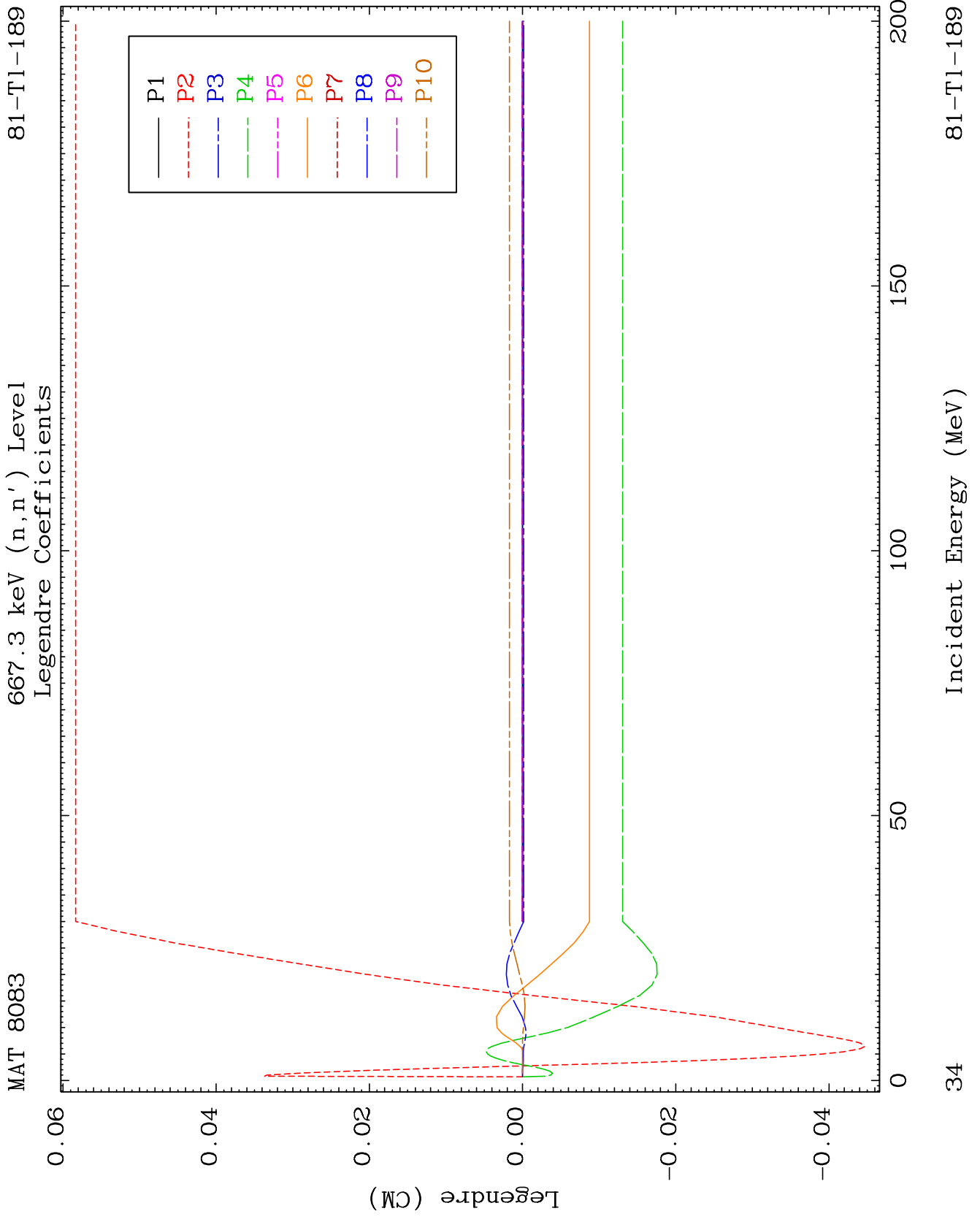
MAT 8083

599.8 keV (n,n') Level  
Legendre Coefficients

81-Tl-189



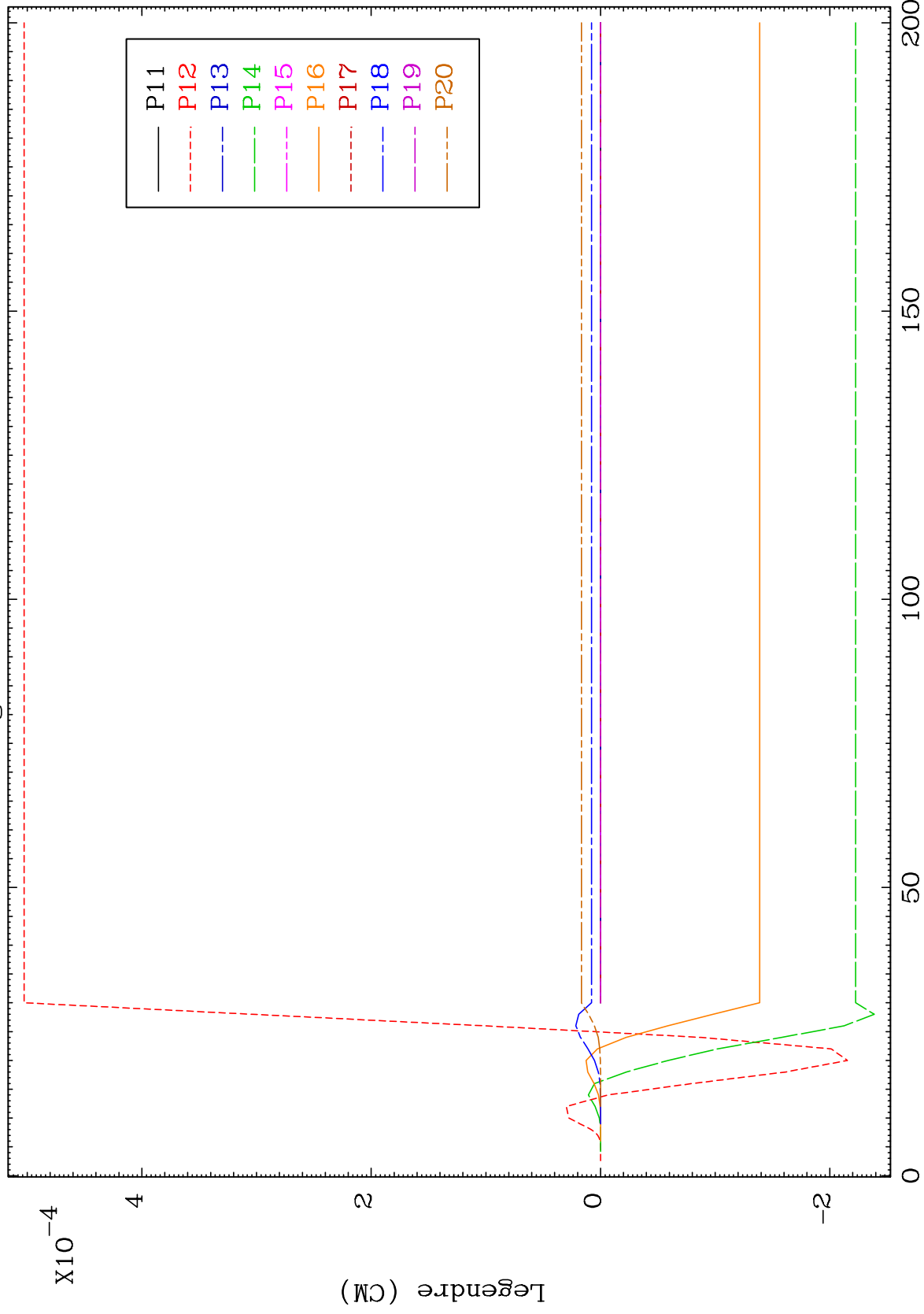
33



MAT 8083

667.3 keV (n,n') Level  
Legendre Coefficients

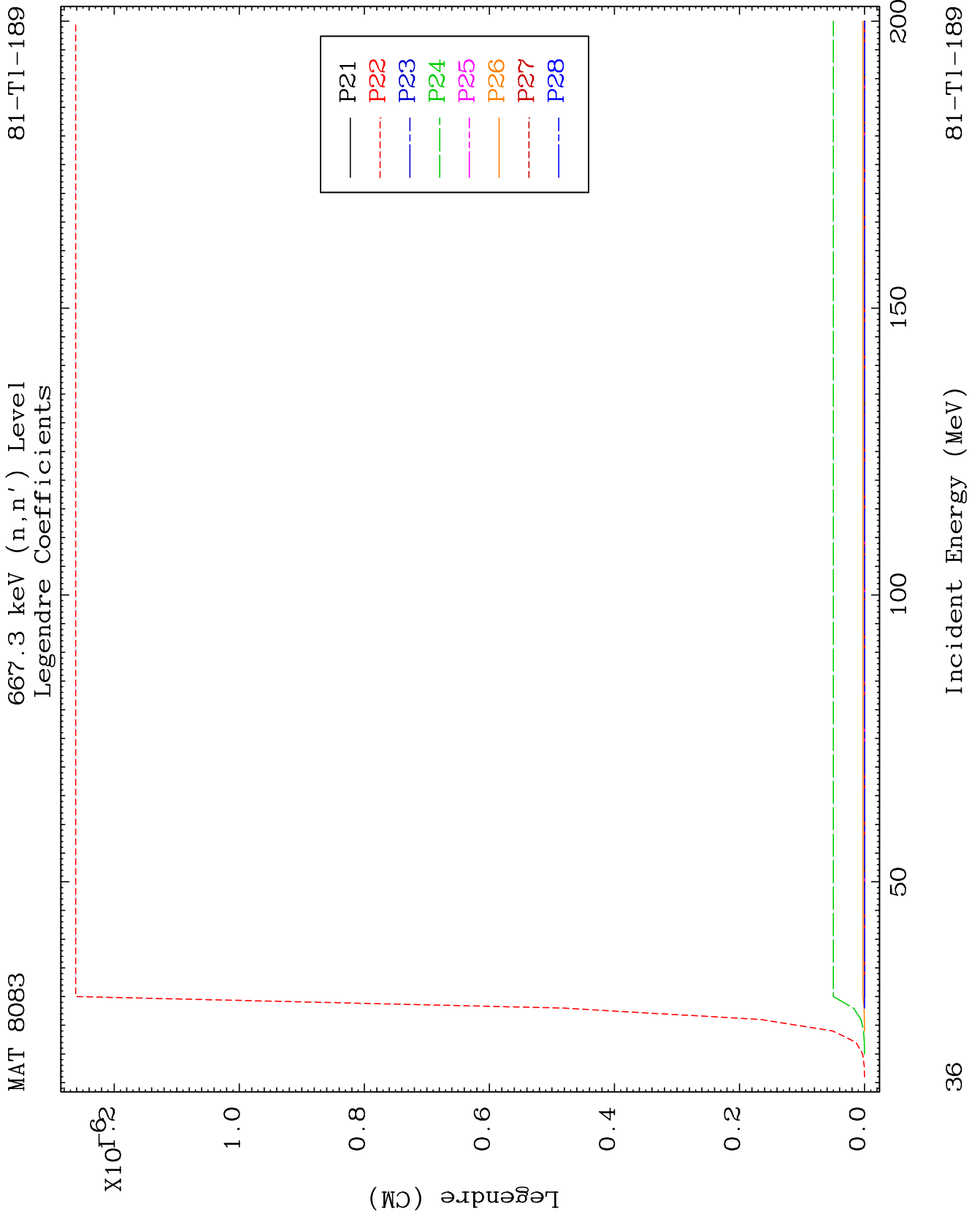
81-Tl-189



35

Incident Energy (MeV)

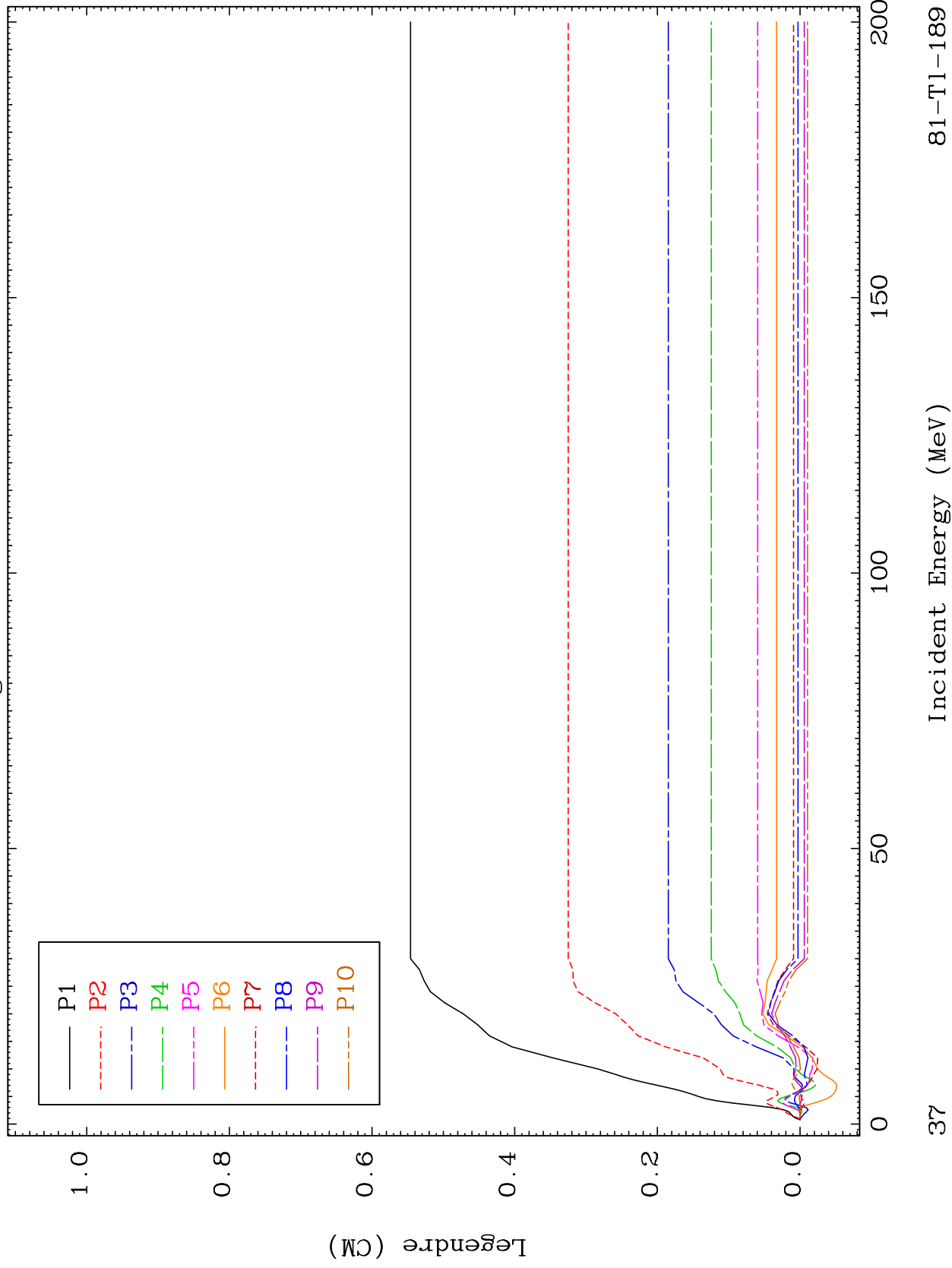
81-Tl-189



MAT 8083

706.1 keV (n,n') Level  
Legendre Coefficients

81-Tl-189



81-Tl-189

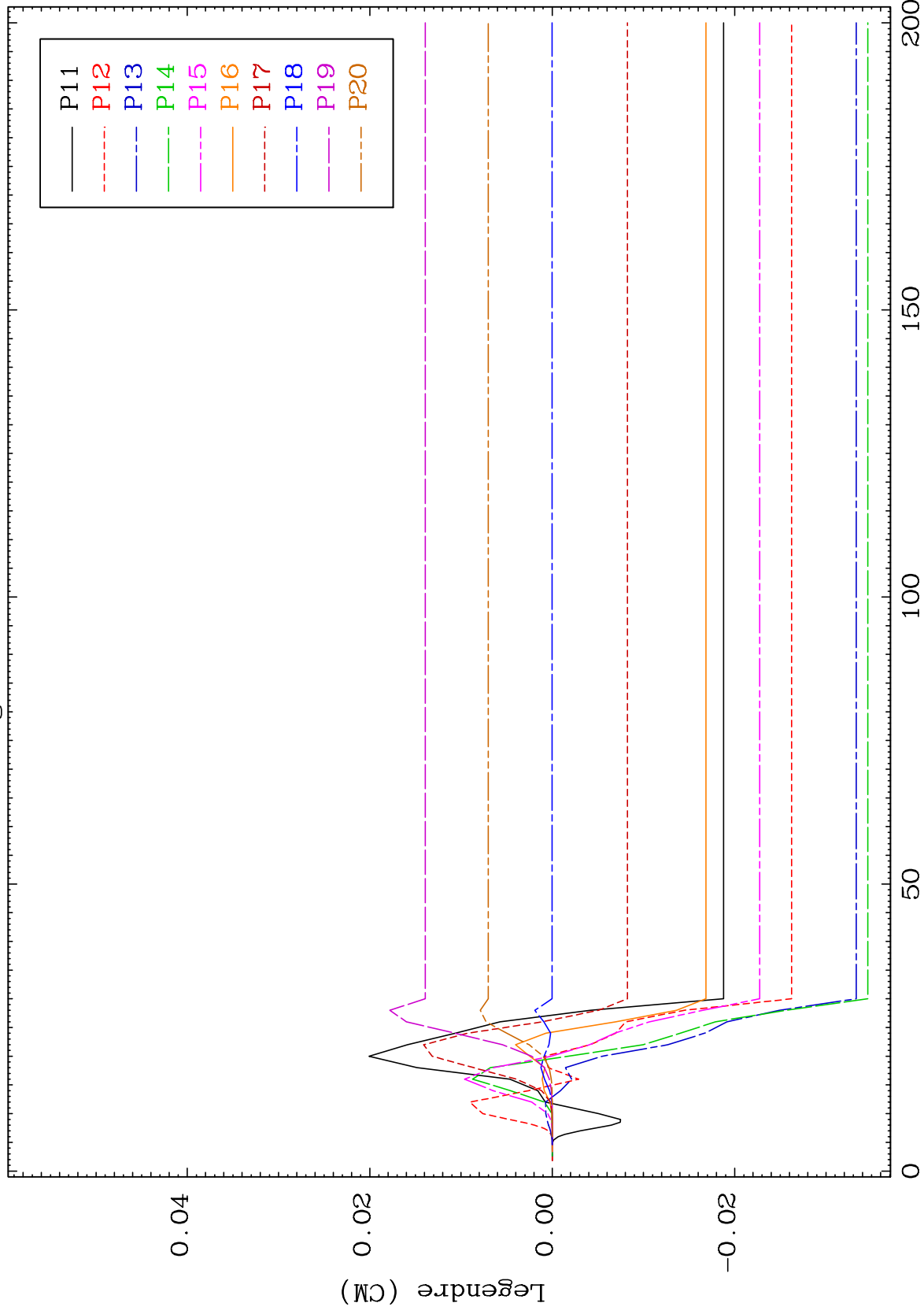
Incident Energy (MeV)

37

MAT 8083

706.1 keV (n,n') Level  
Legendre Coefficients

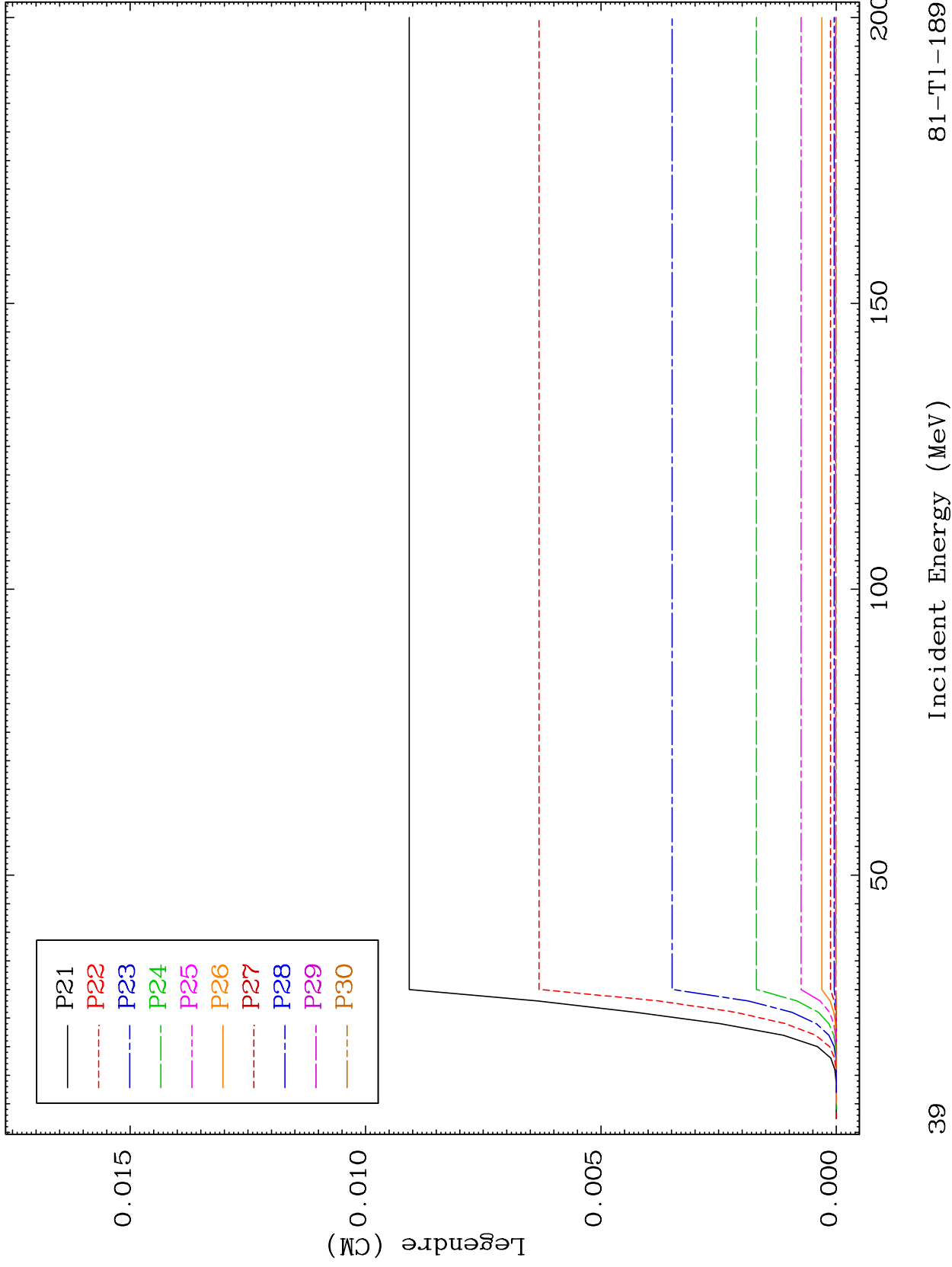
81-Tl-189



38

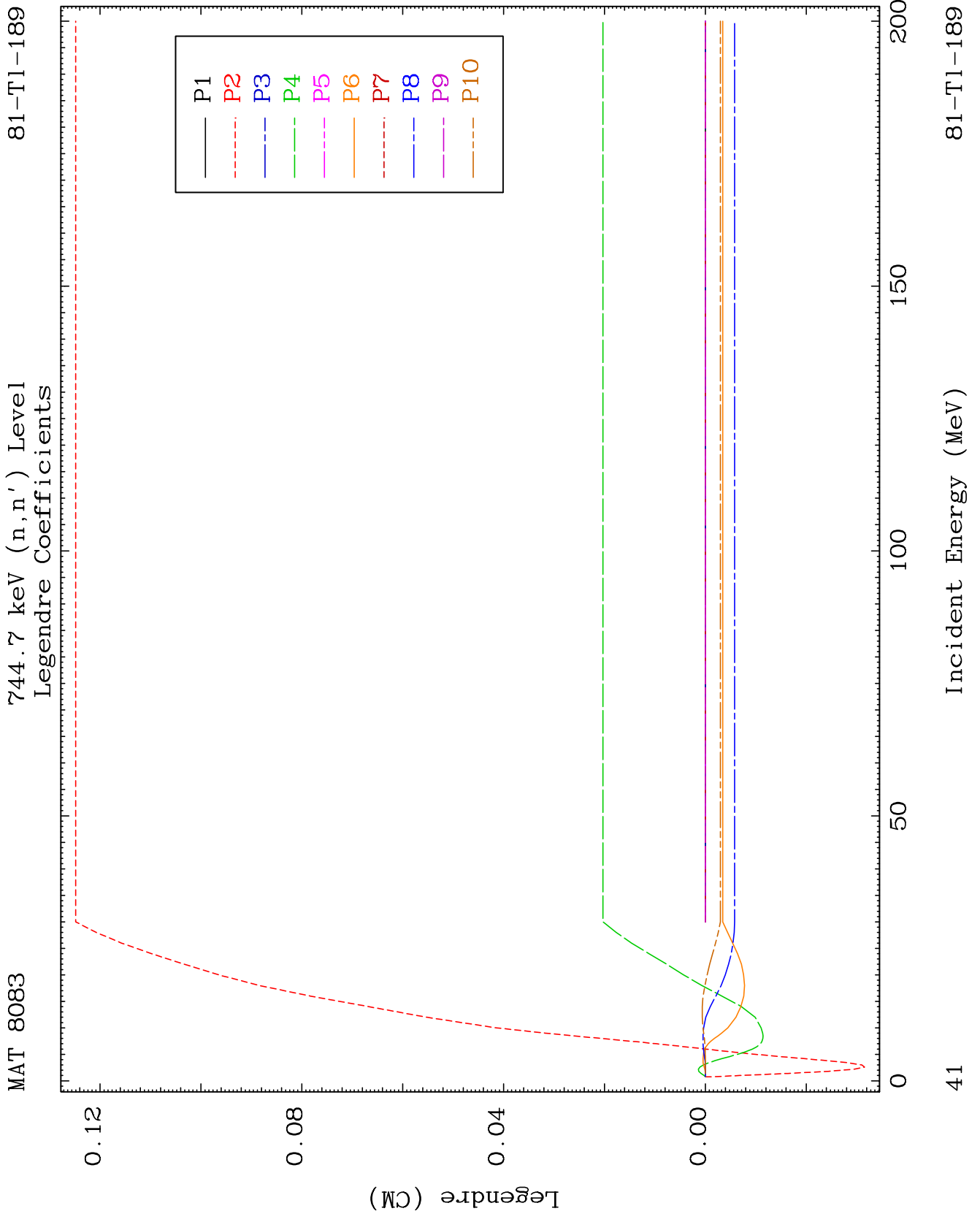
Incident Energy (MeV)

81-Tl-189





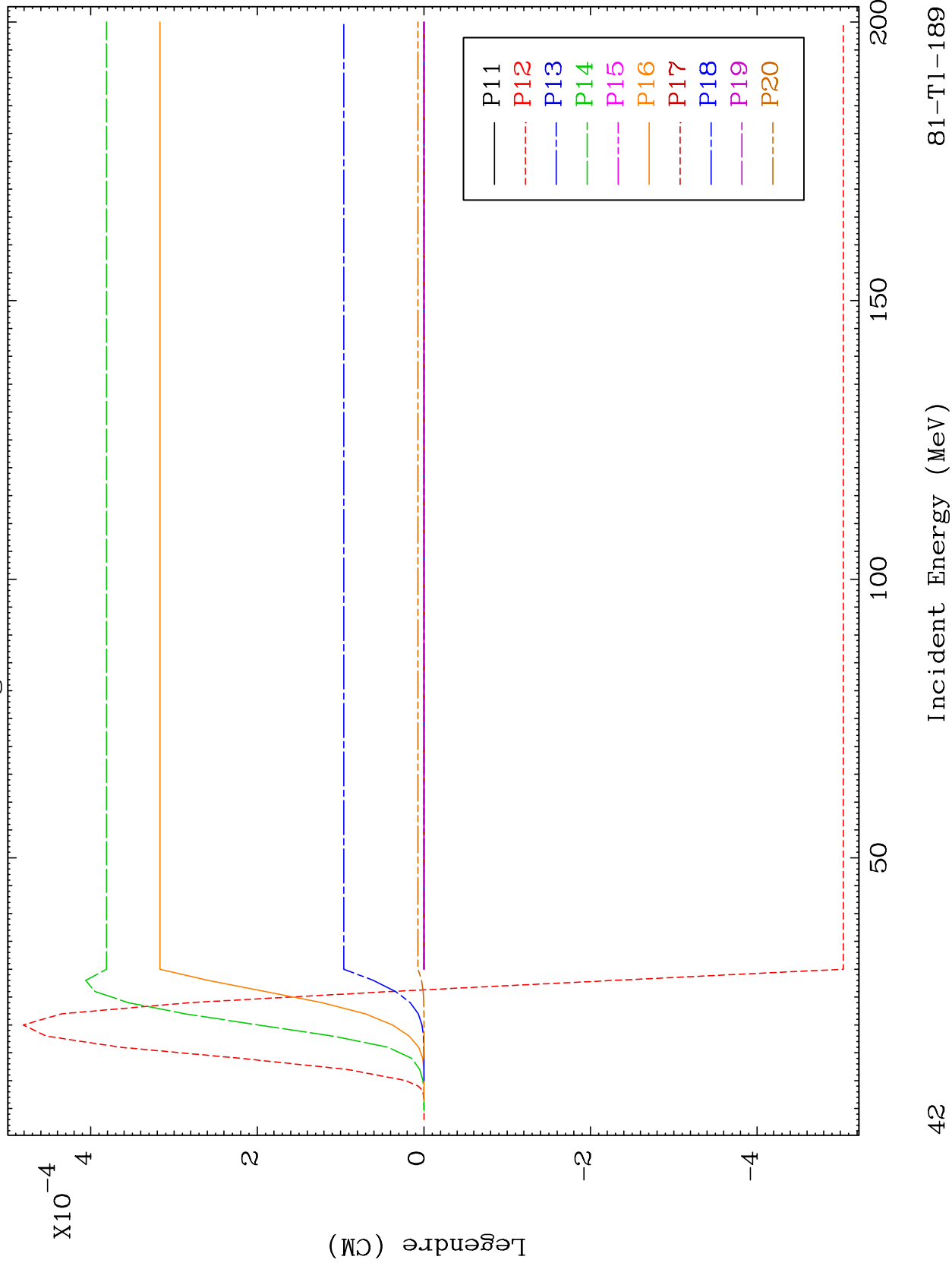




MAT 8083

744.7 keV (n,n') Level  
Legendre Coefficients

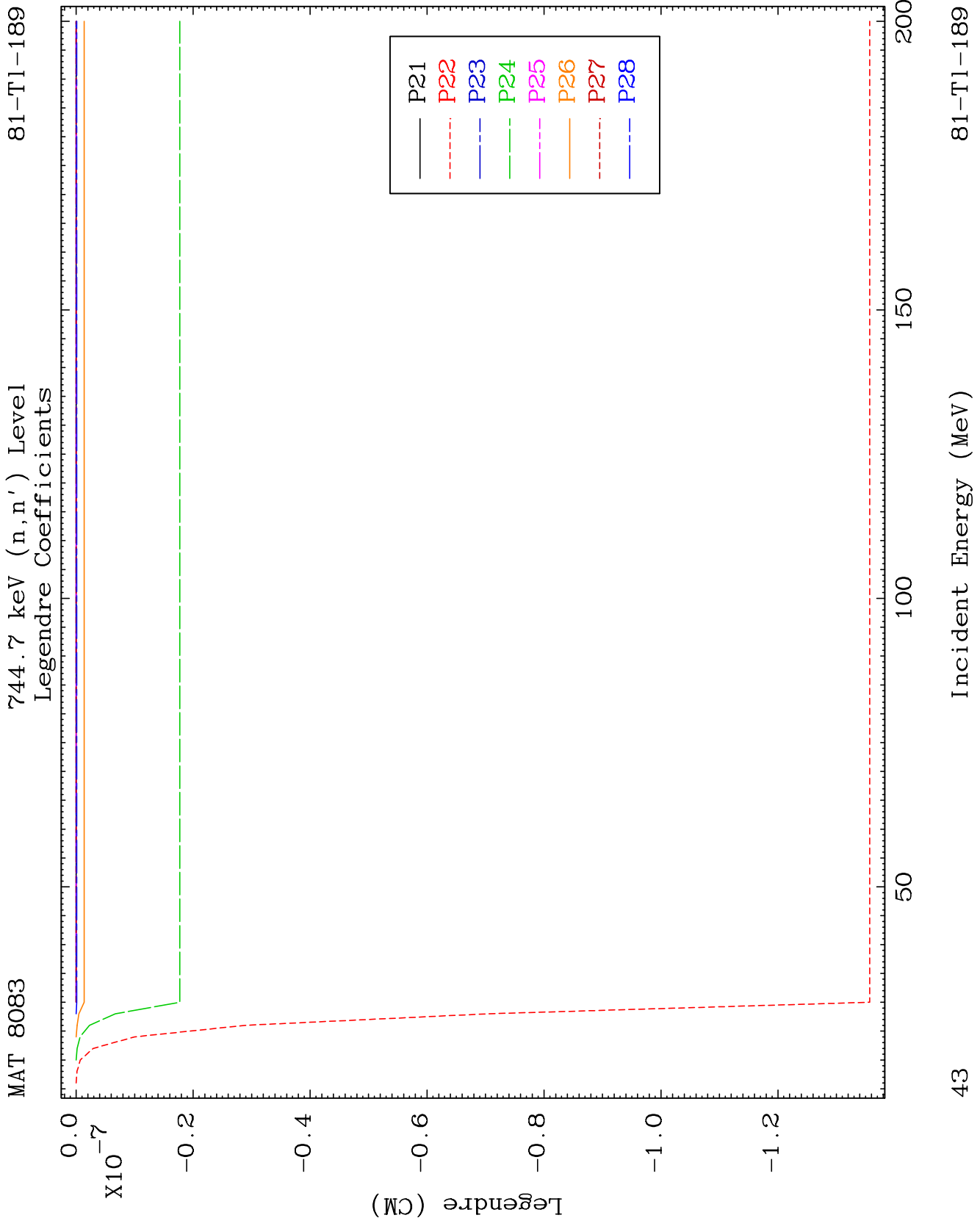
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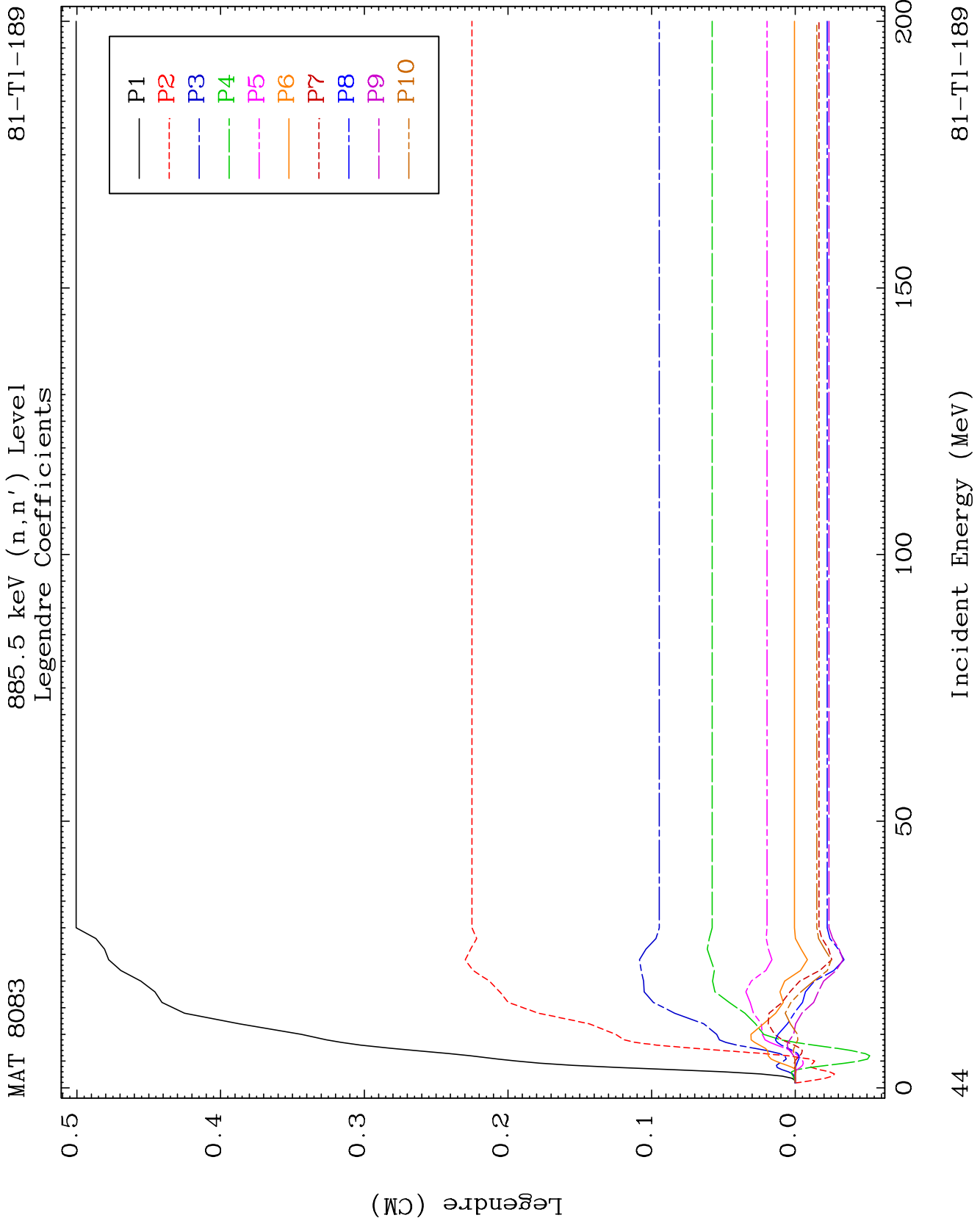


42

Incident Energy (MeV)

81-Tl-189

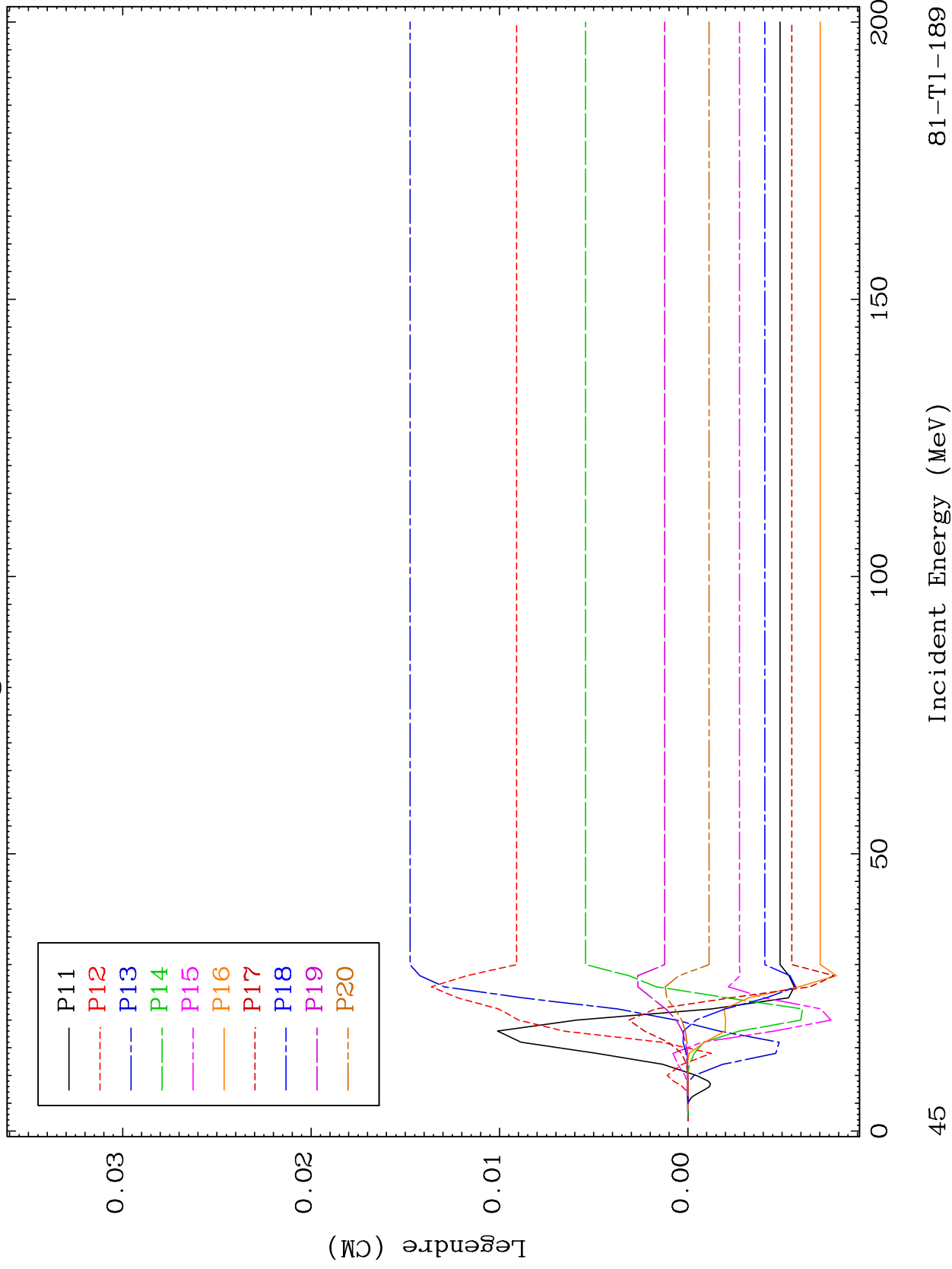




MAT 8083

885.5 keV (n,n') Level  
Legendre Coefficients

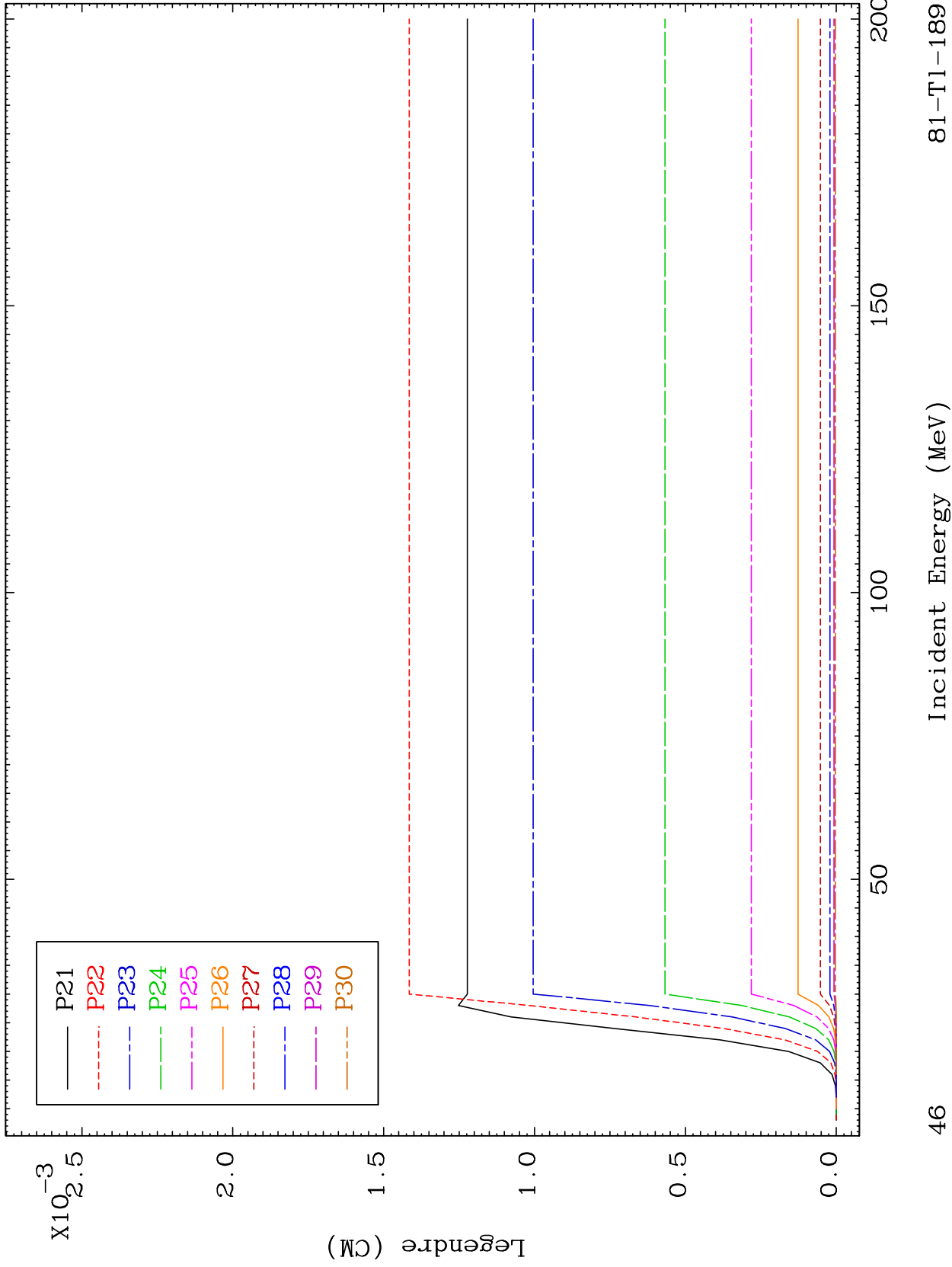
81-Tl-189



MAT 8083

885.5 keV (n,n') Level  
Legendre Coefficients

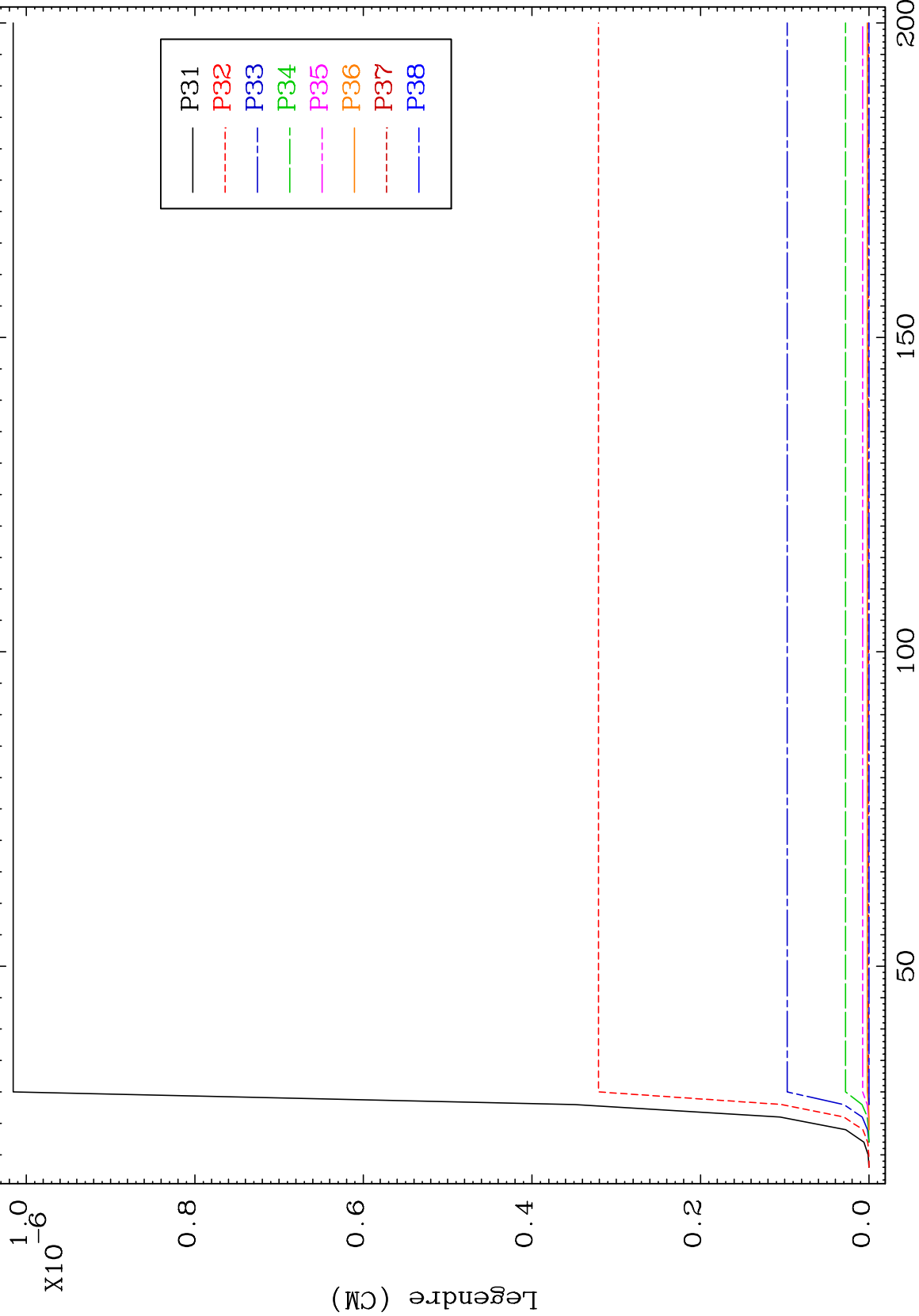
81-Tl-189



MAT 8083

885.5 keV (n, n') Level  
Legendre Coefficients

81-T1-189



47

Incident Energy (MeV)

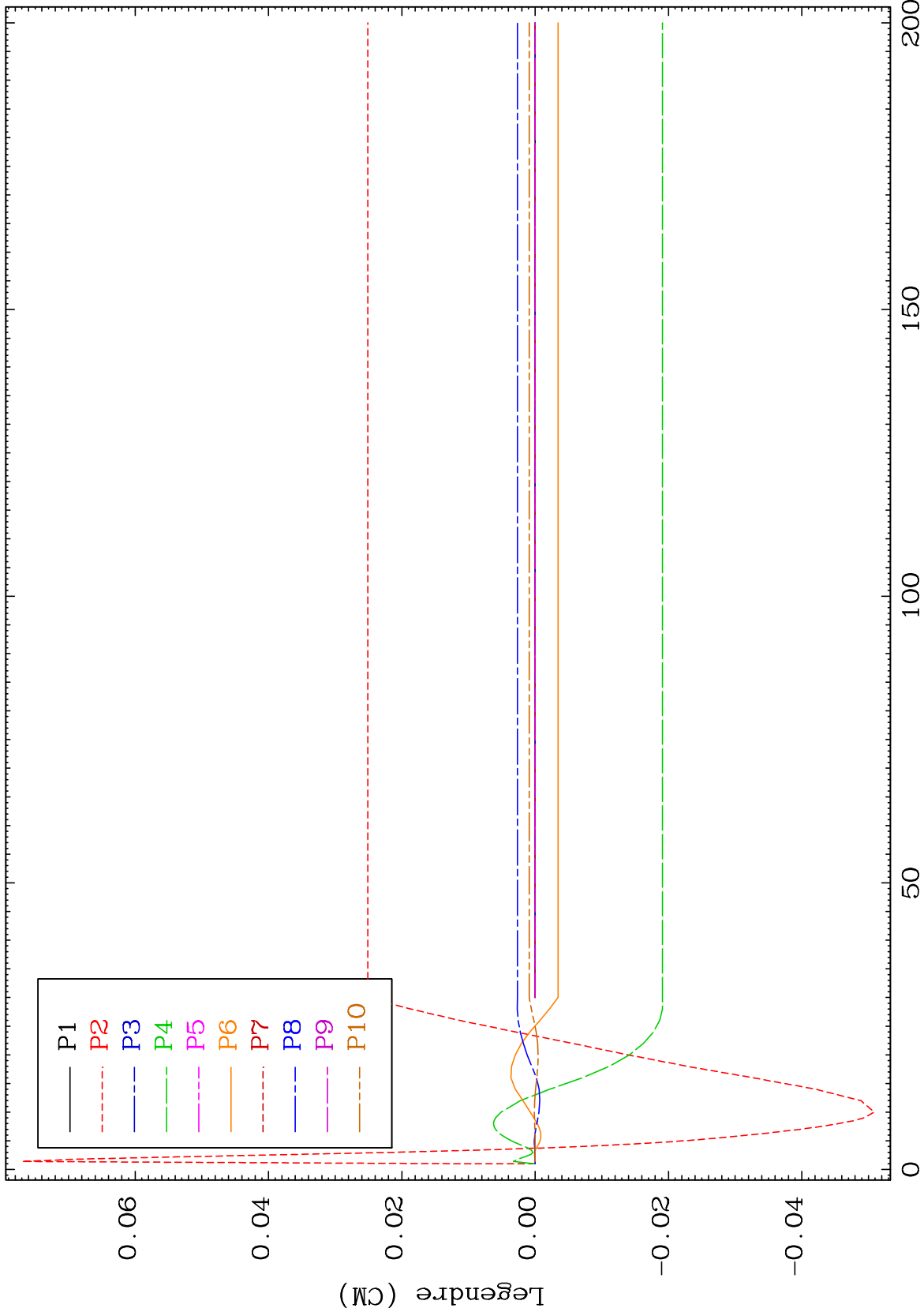
81-T1-189



MAT 8083

981.4 keV (n,n') Level  
Legendre Coefficients

81-Tl-189



81-Tl-189

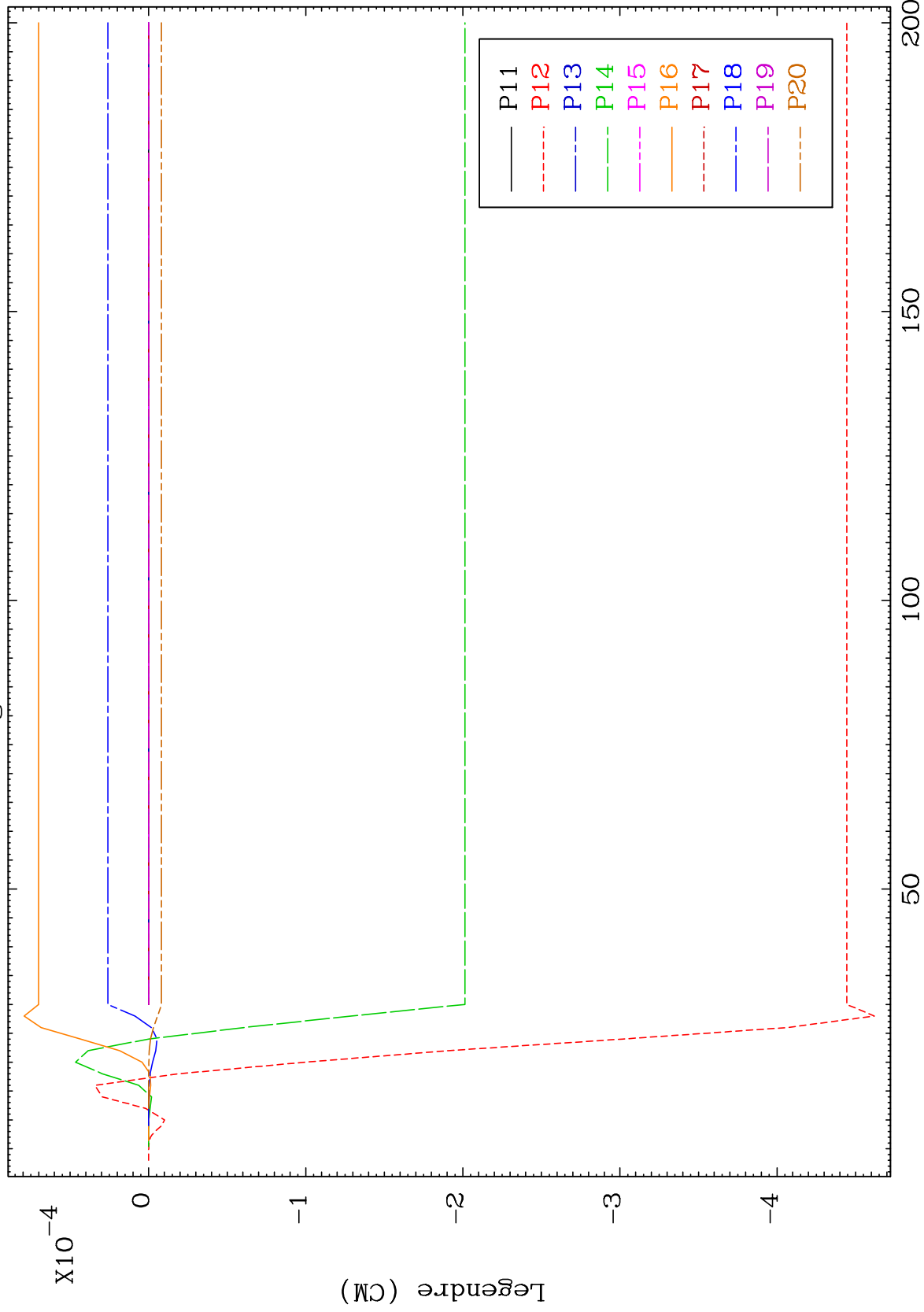
Incident Energy (MeV)

48

MAT 8083

981.4 keV (n,n') Level  
Legendre Coefficients

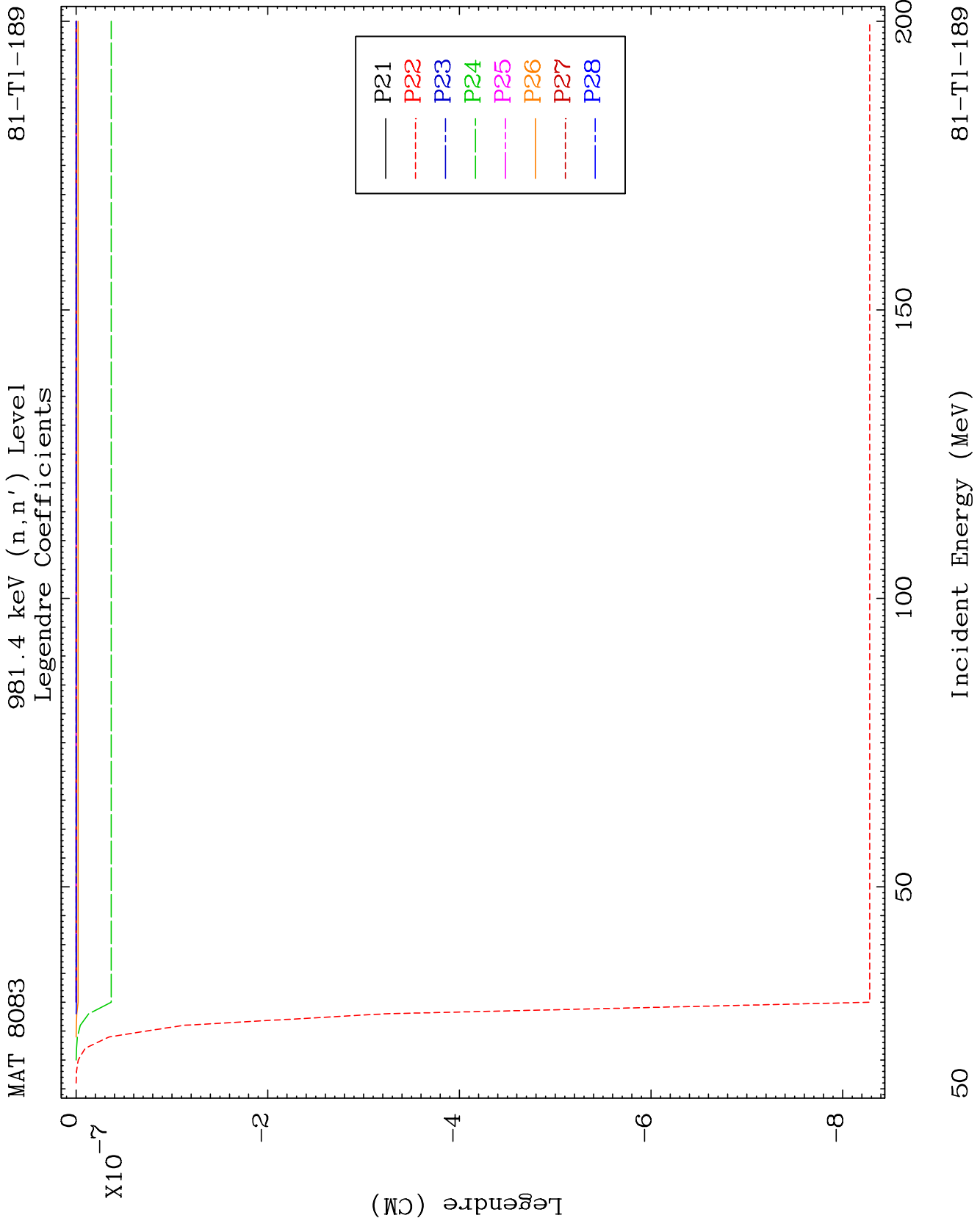
81-Tl-189

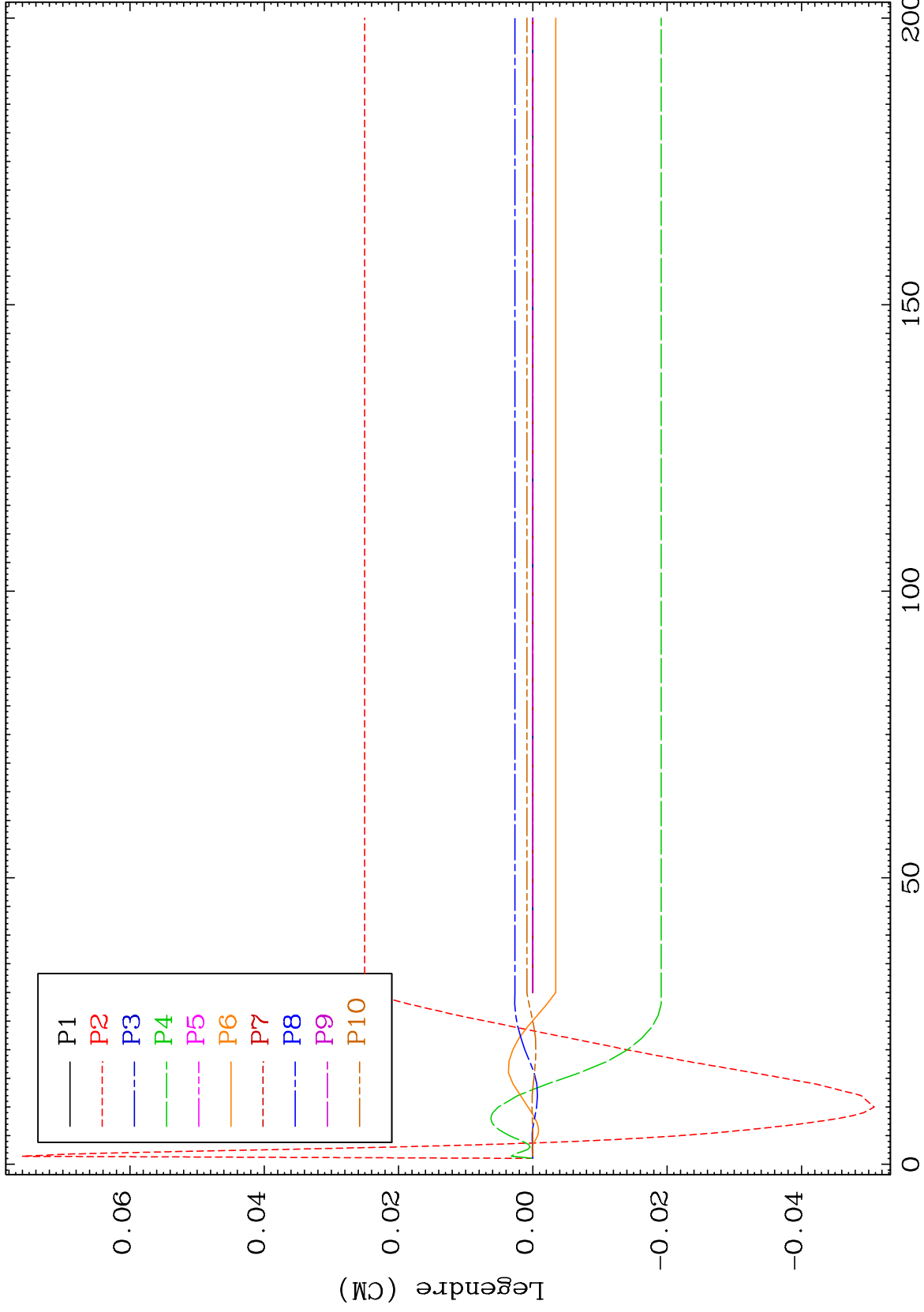


49

Incident Energy (MeV)

81-Tl-189

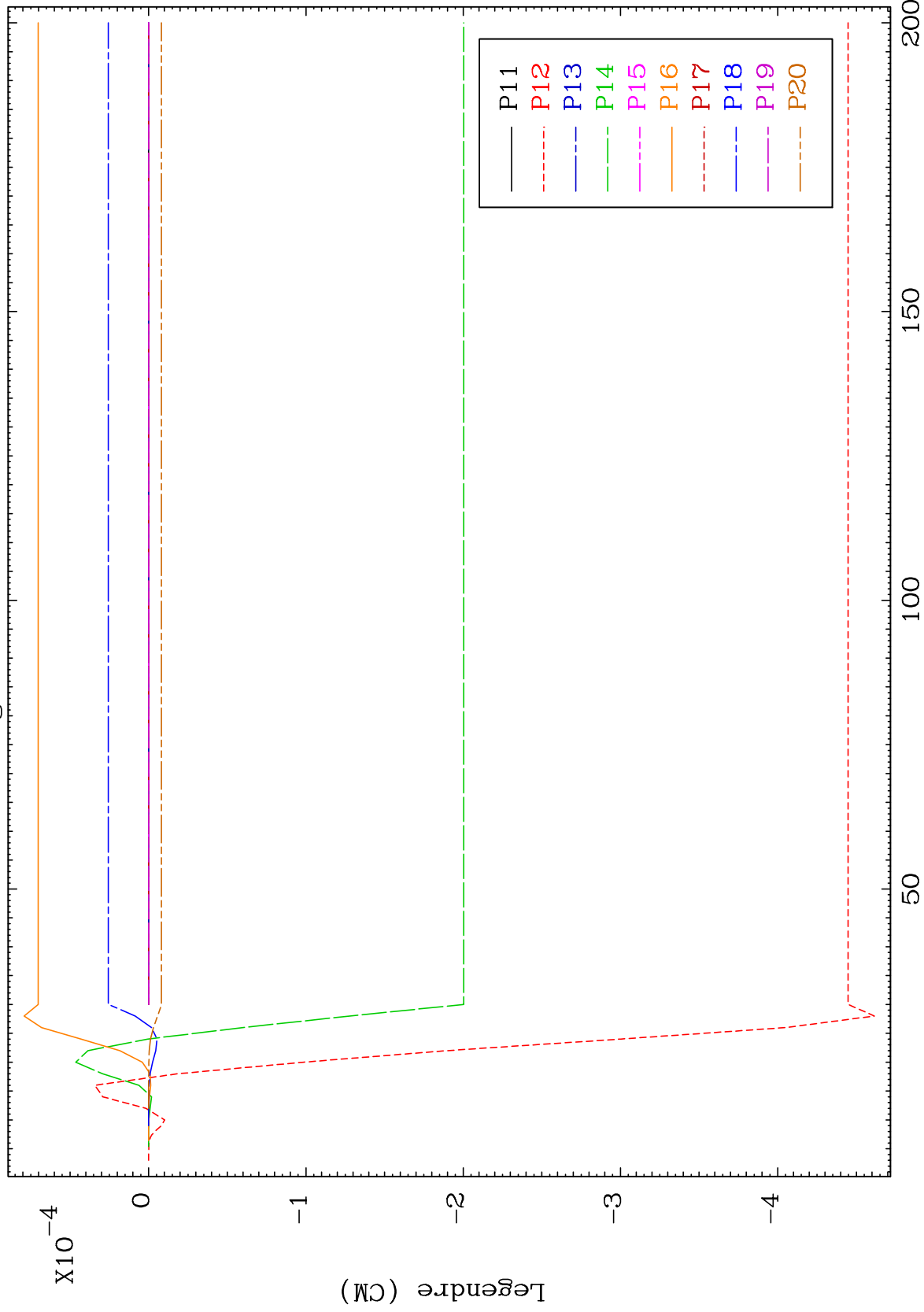




MAT 8083

1.028 MeV (n,n') Level  
Legendre Coefficients

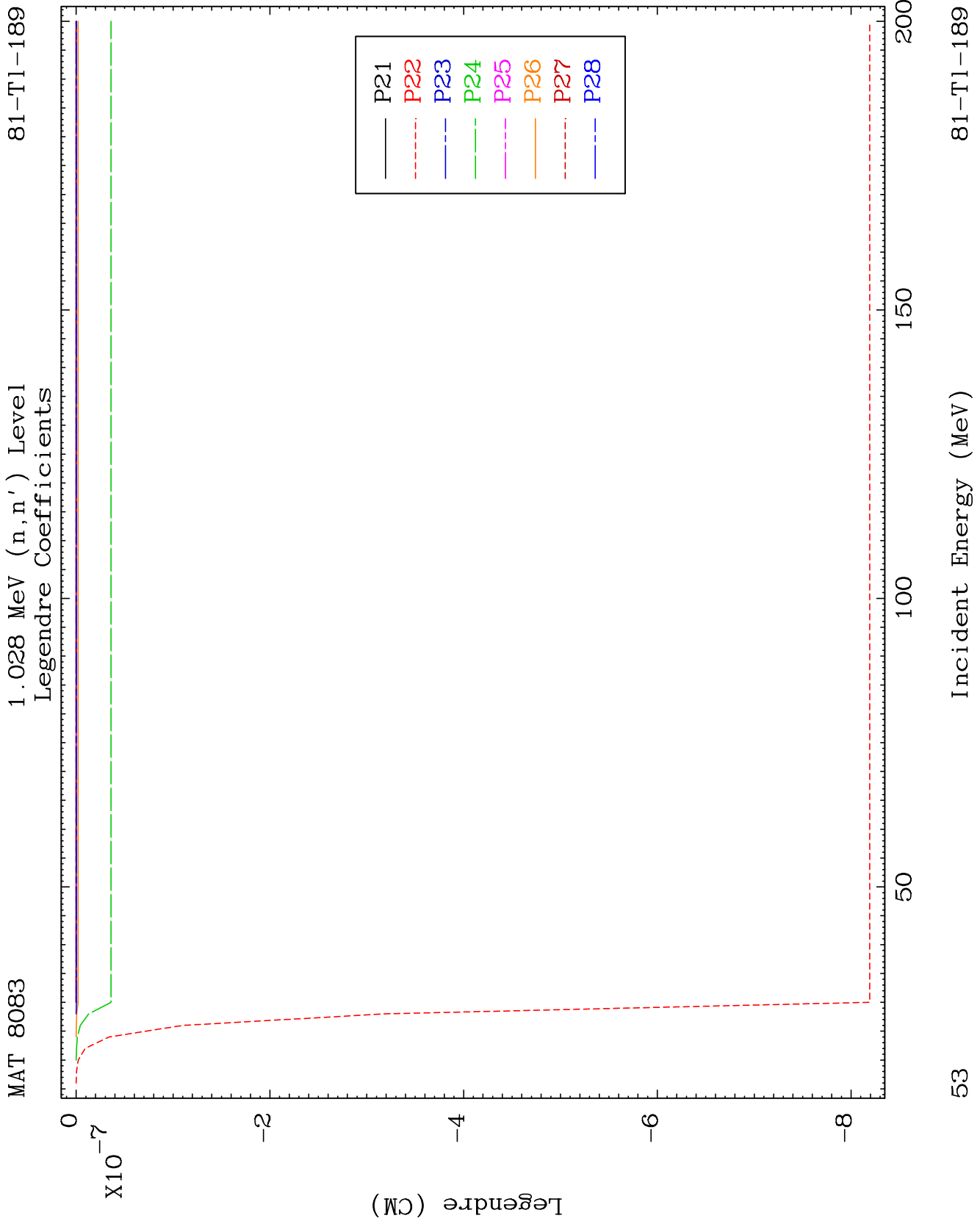
81-Tl-189

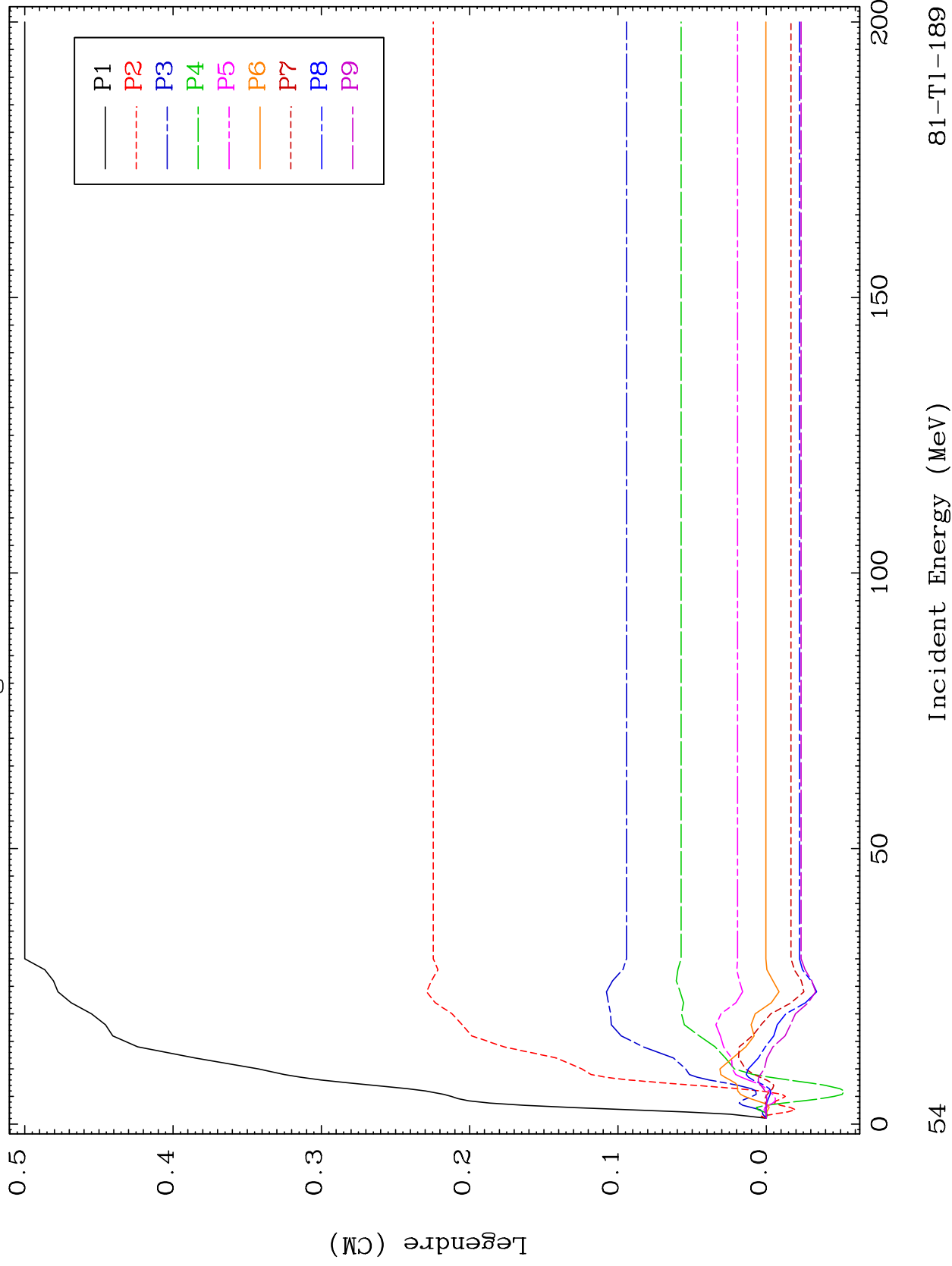


52

Incident Energy (MeV)

81-Tl-189

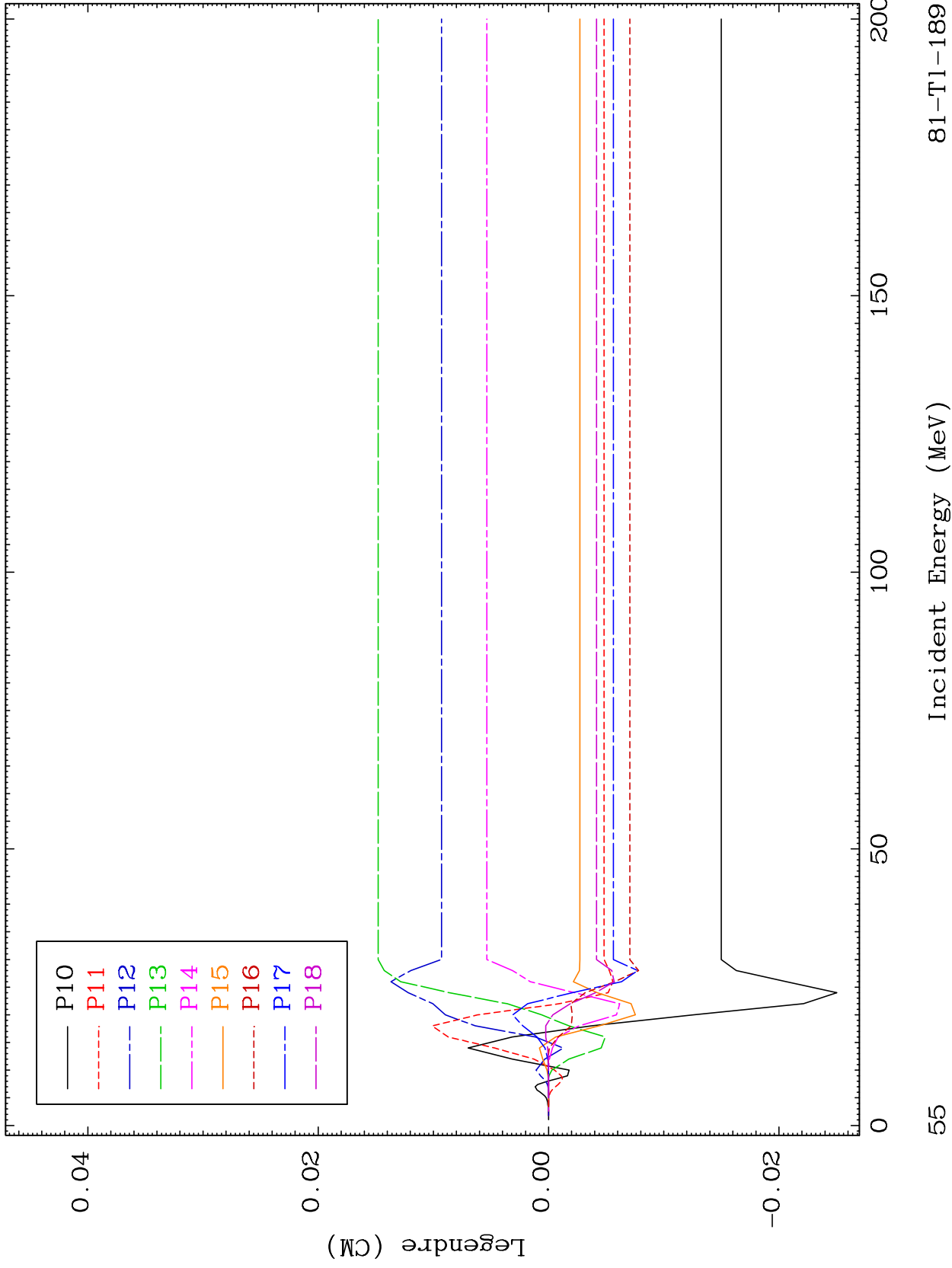




MAT 8083

1.033 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189

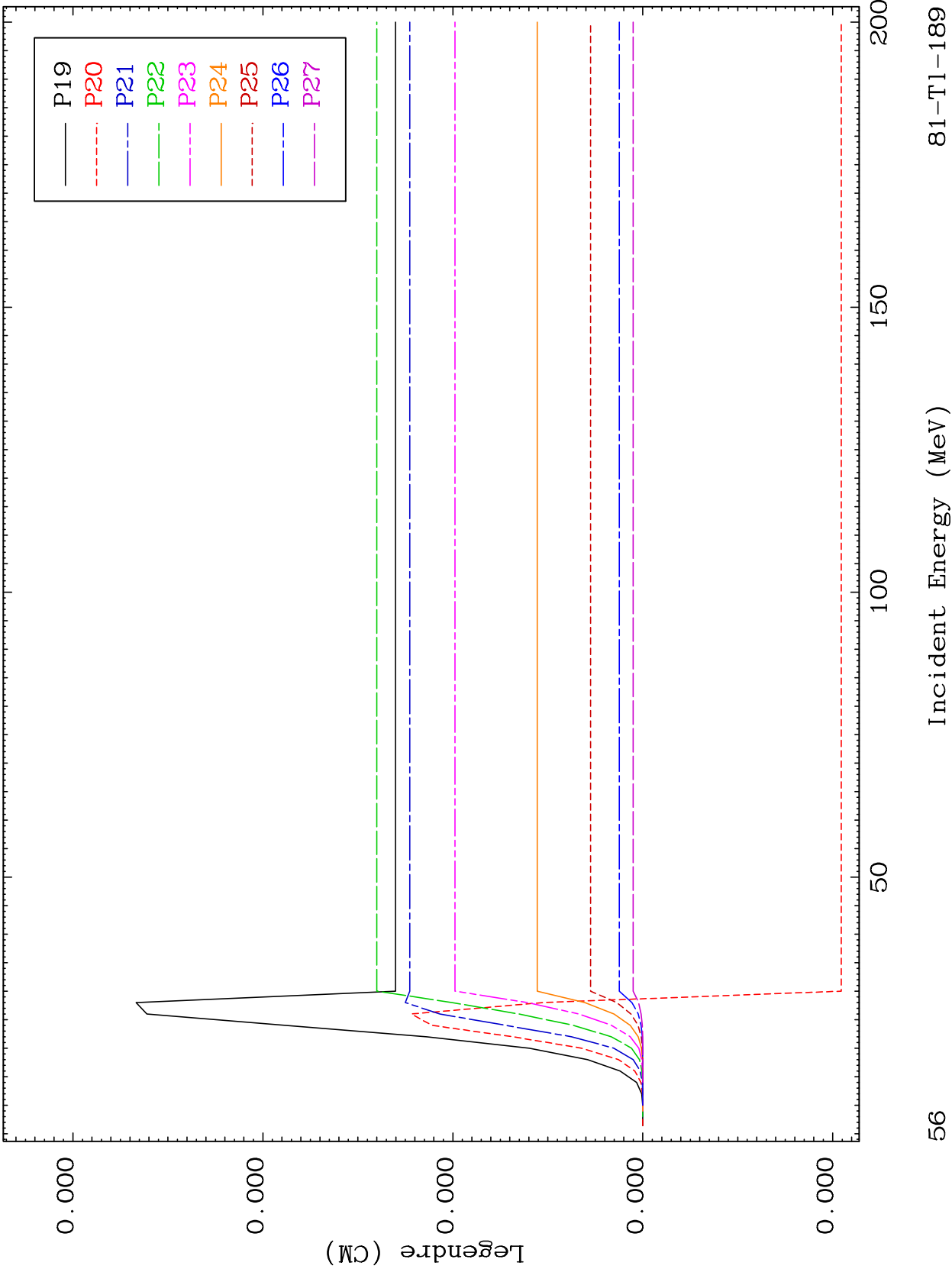


81-Tl-189

Incident Energy (MeV)

55

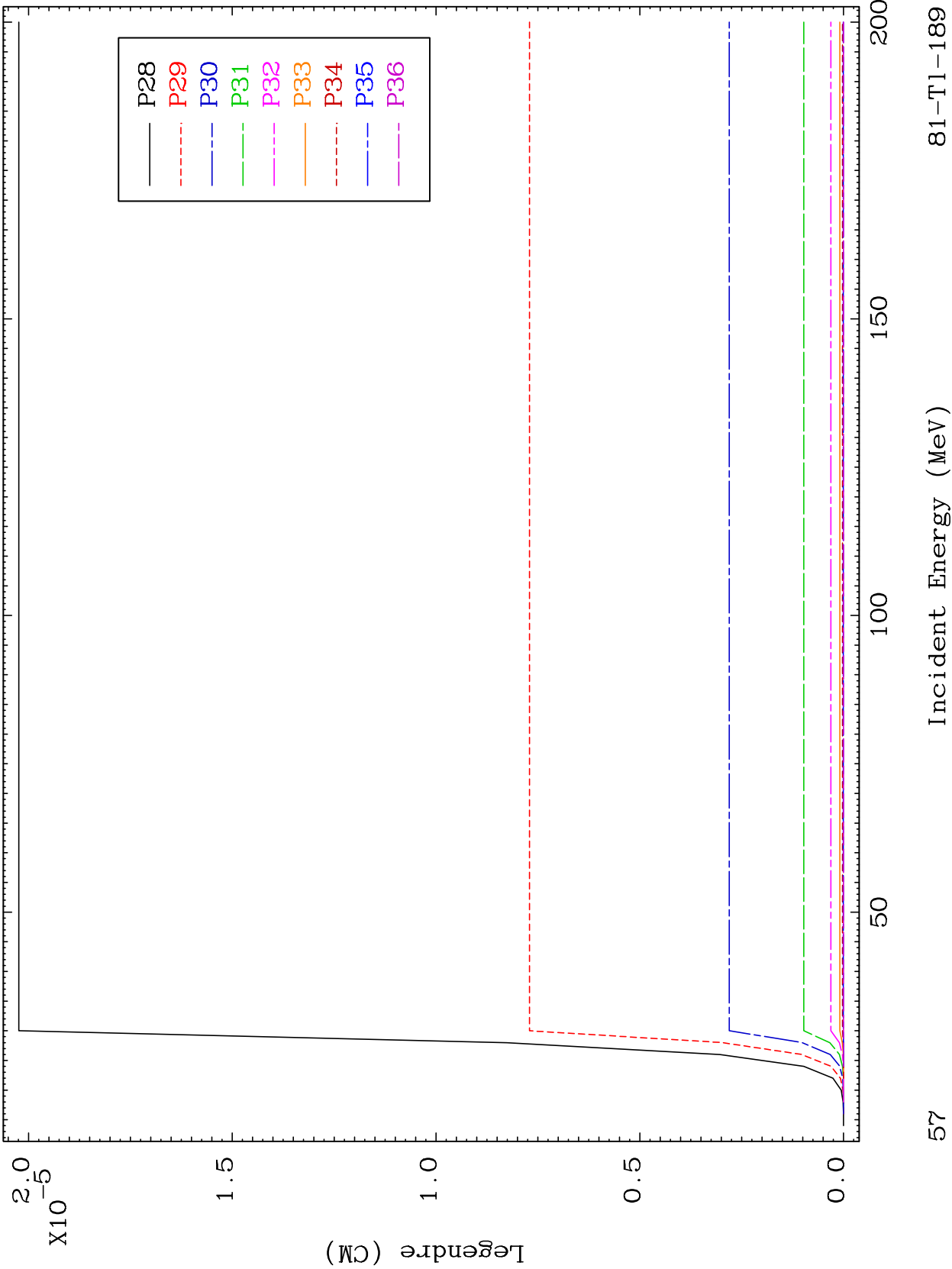




MAT 8083

1.033 MeV (n,n') Level  
Legendre Coefficients

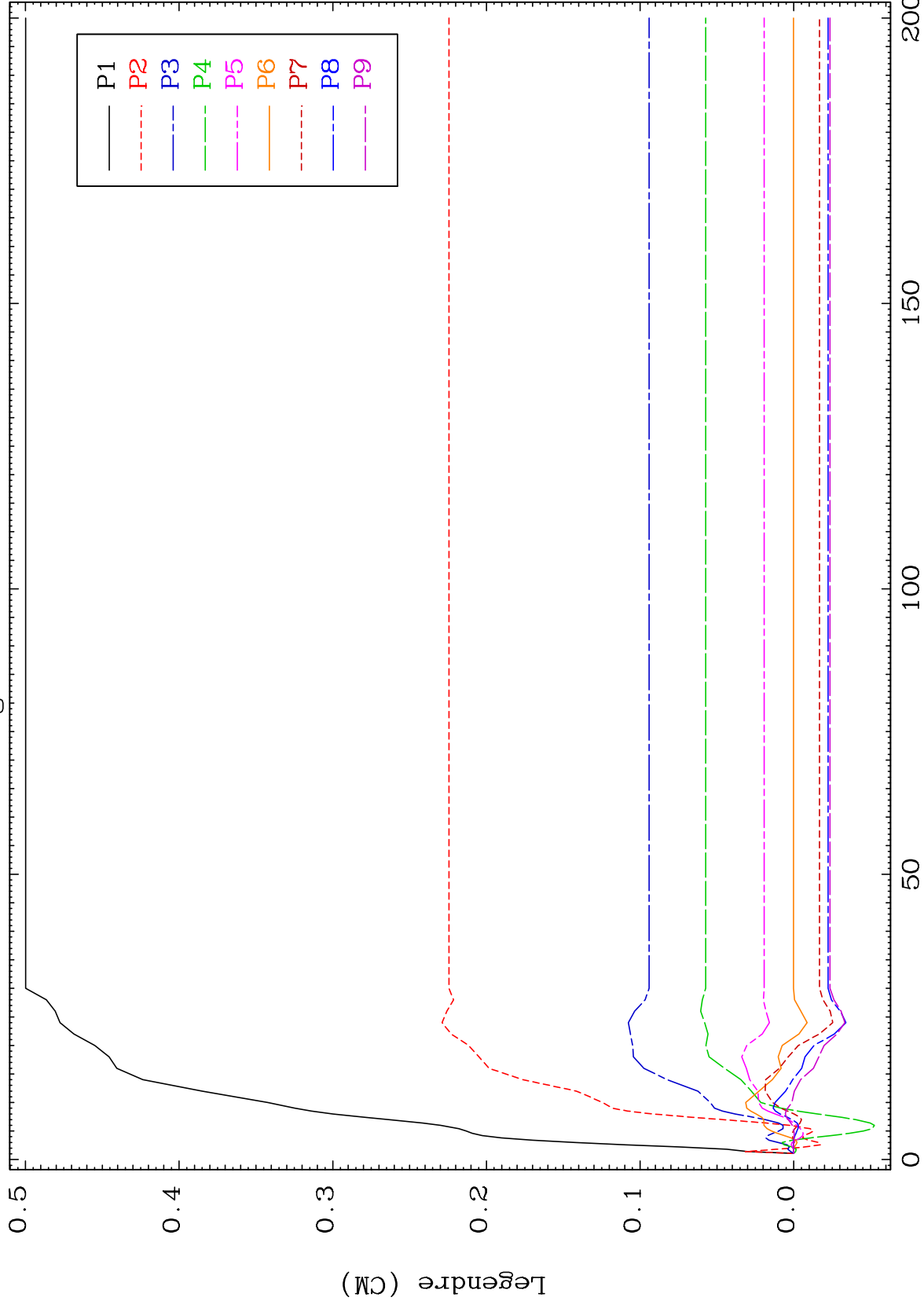
81-Tl-189



57

Incident Energy (MeV)

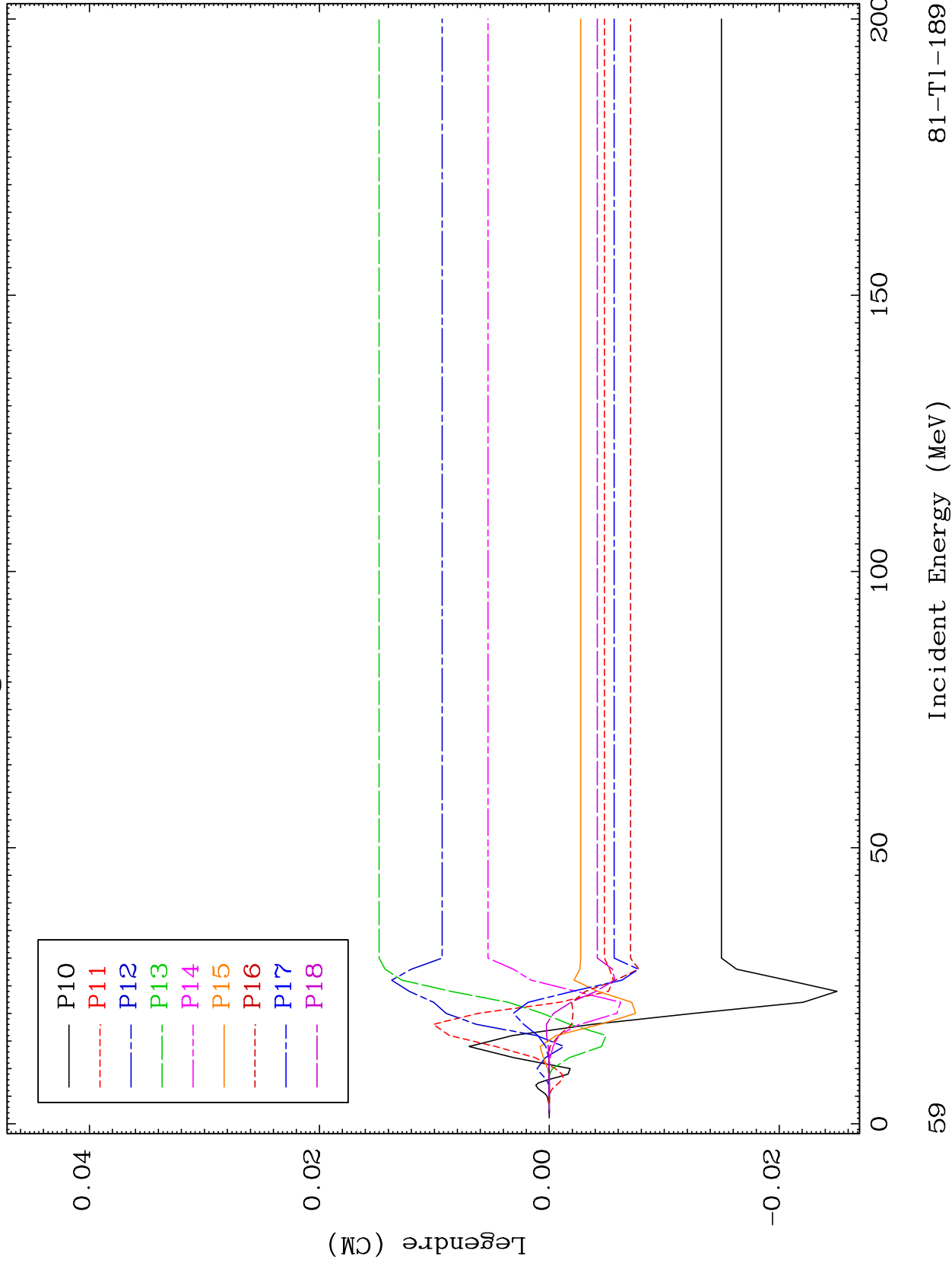
81-Tl-189



MAT 8083

1.062 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



59

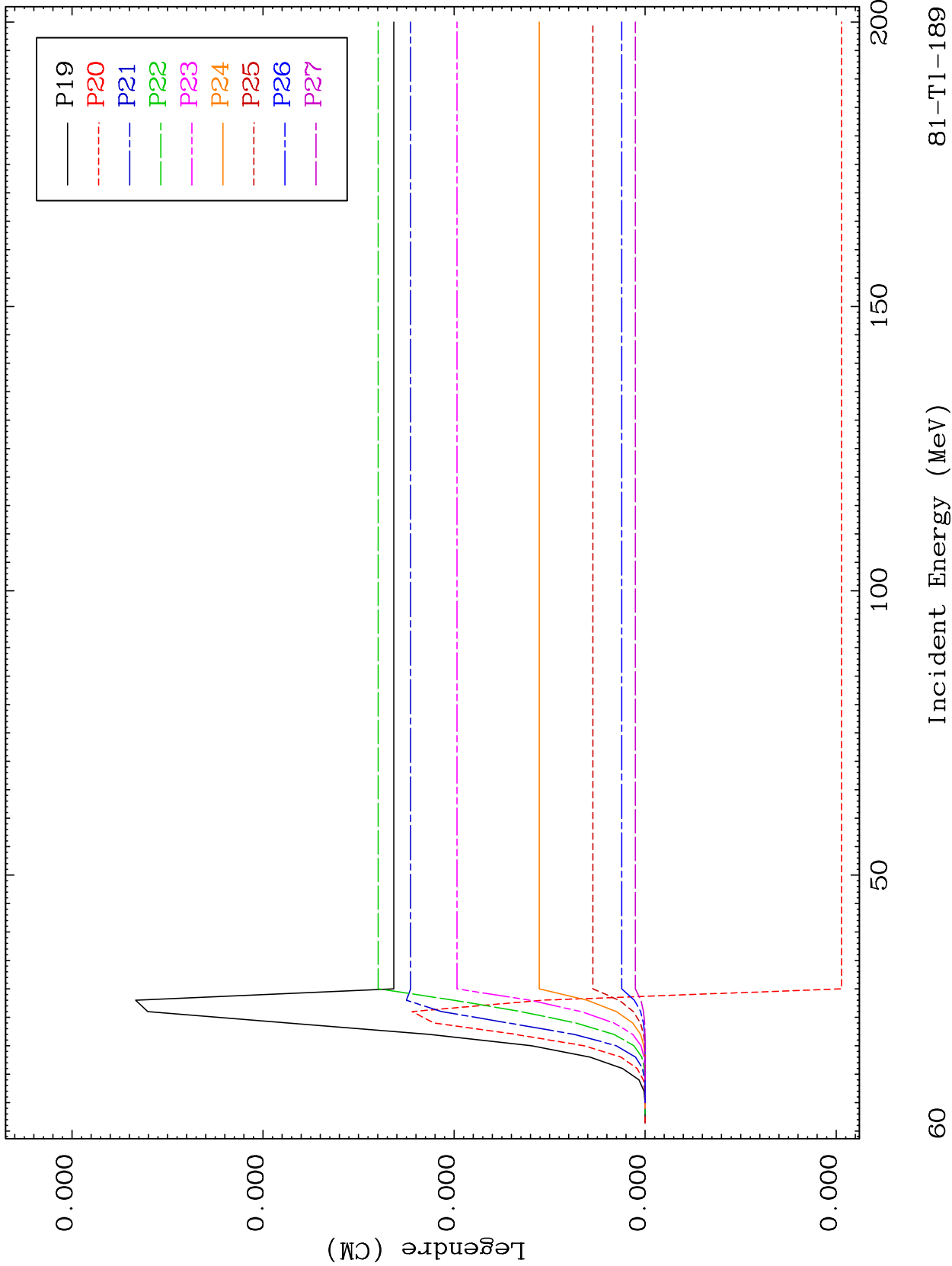
Incident Energy (MeV)

81-Tl-189

MAT 8083

1.062 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



60

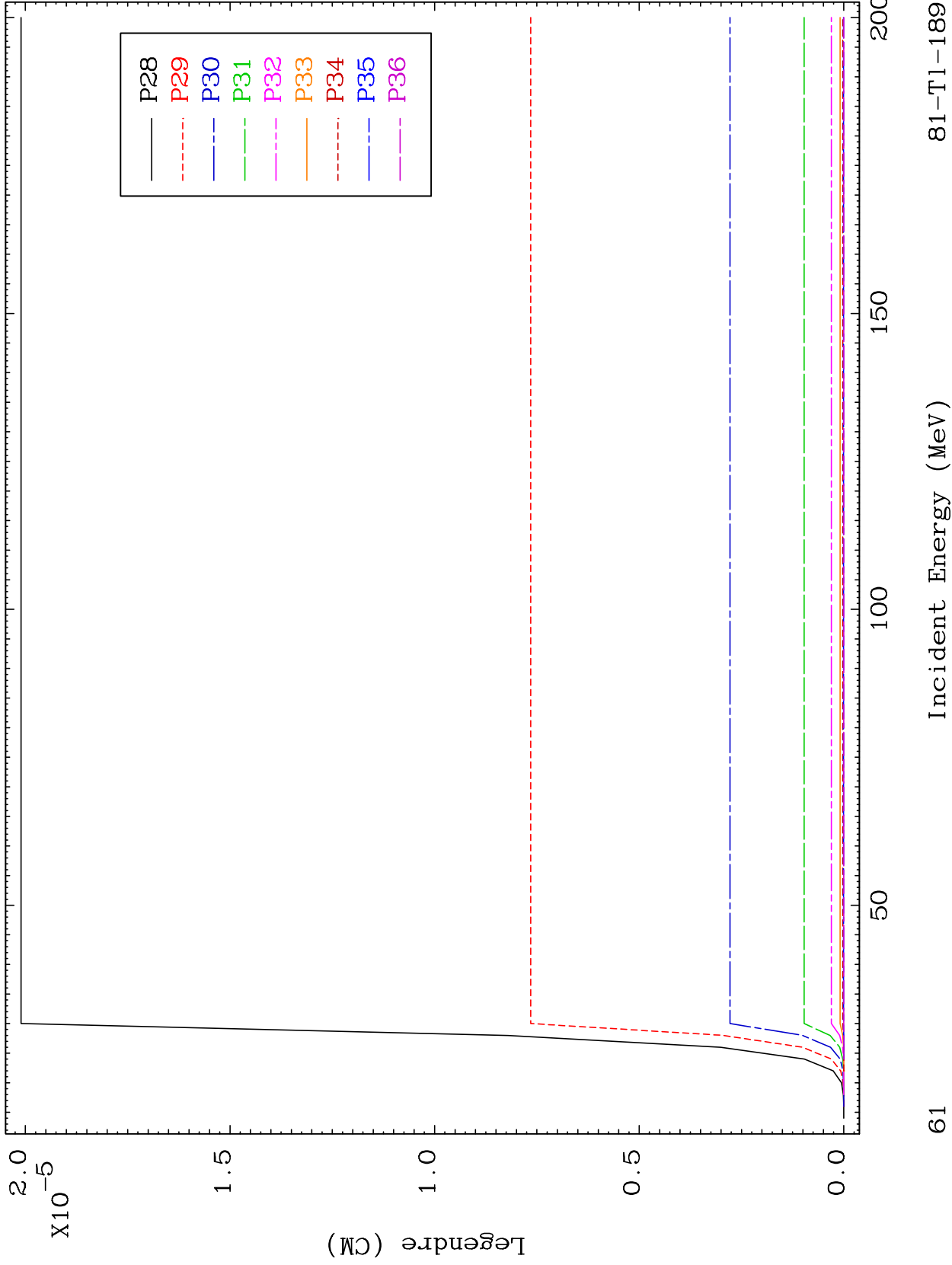
Incident Energy (MeV)

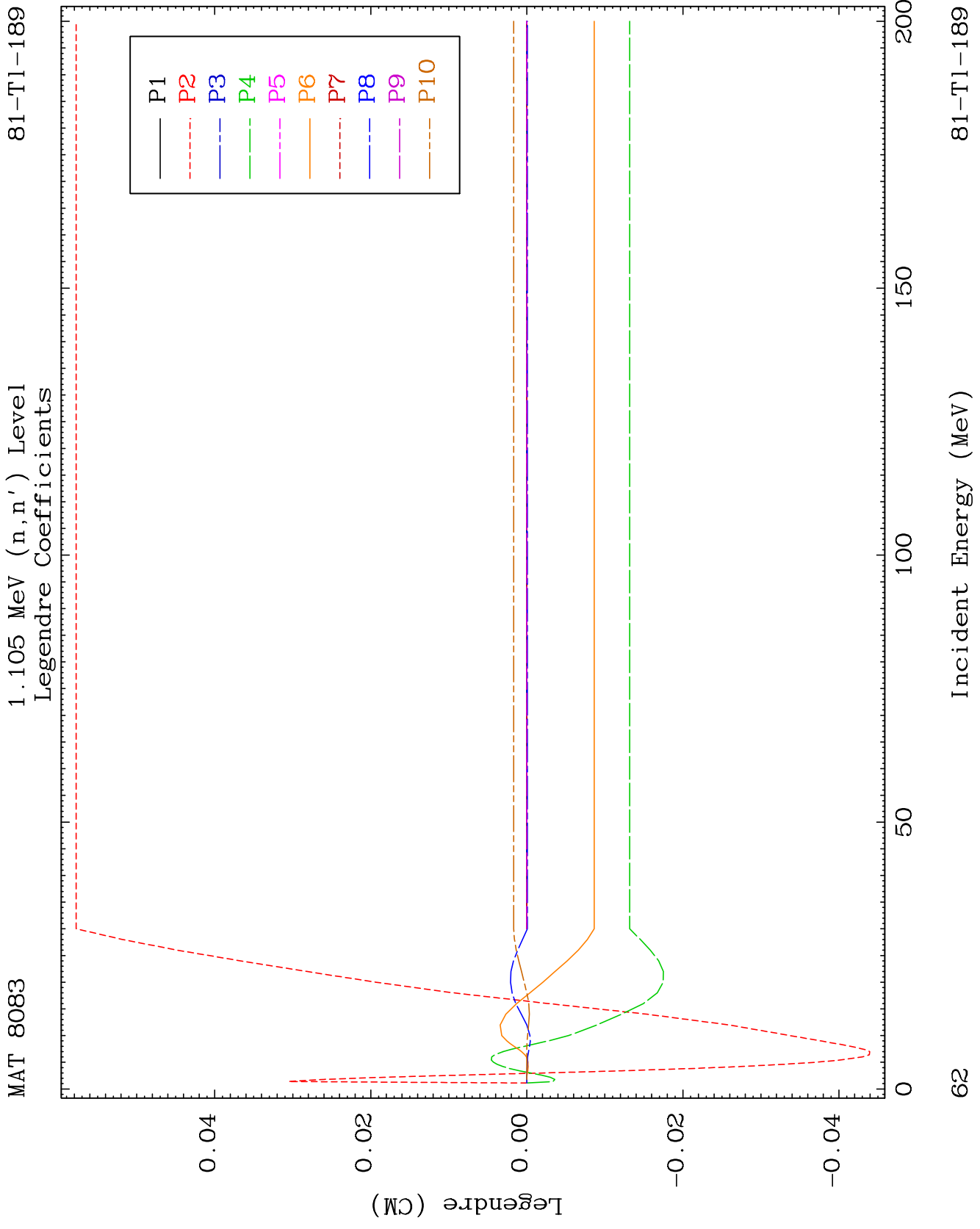
81-Tl-189

MAT 8083

1.062 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189

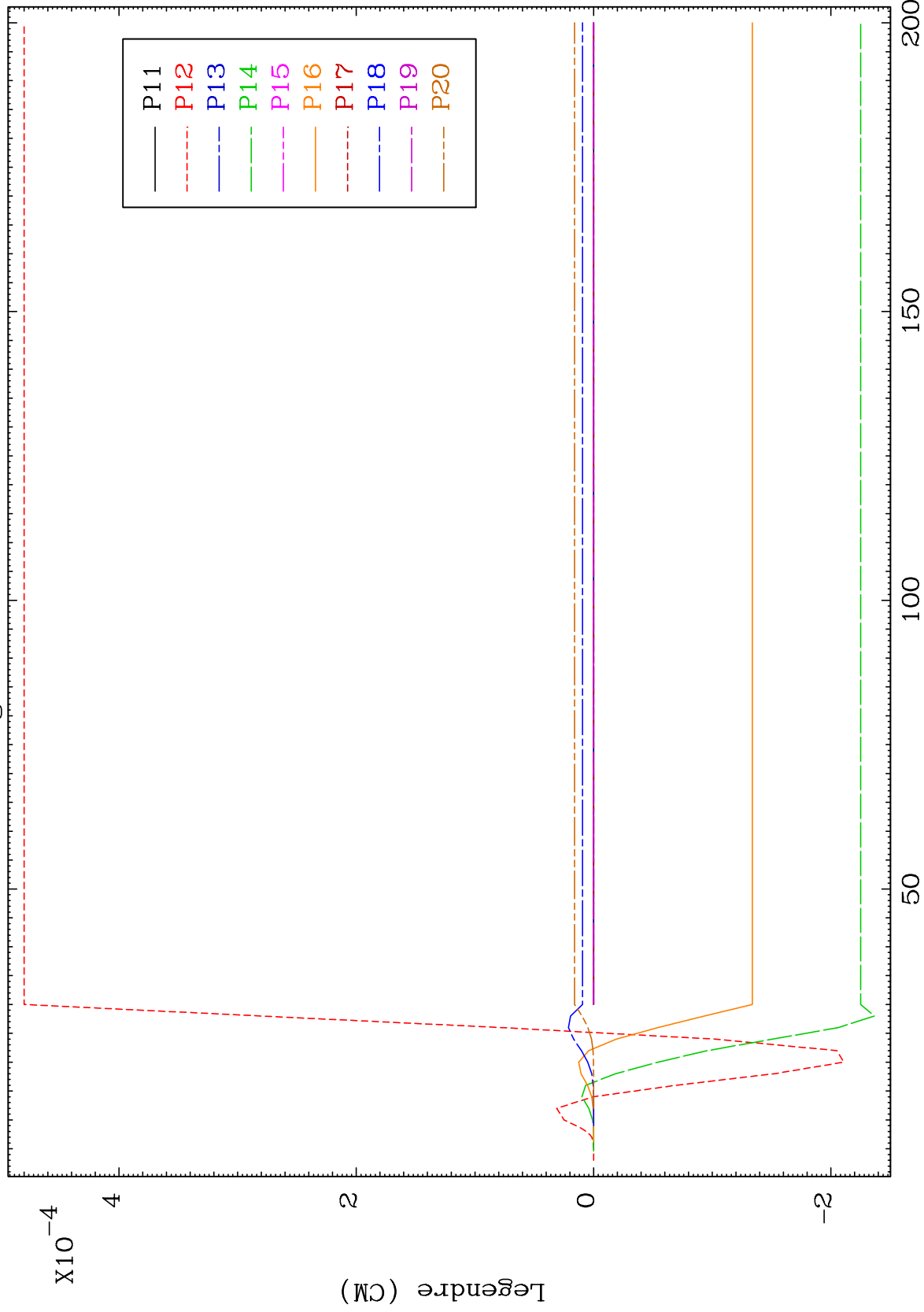




MAT 8083

1.105 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189

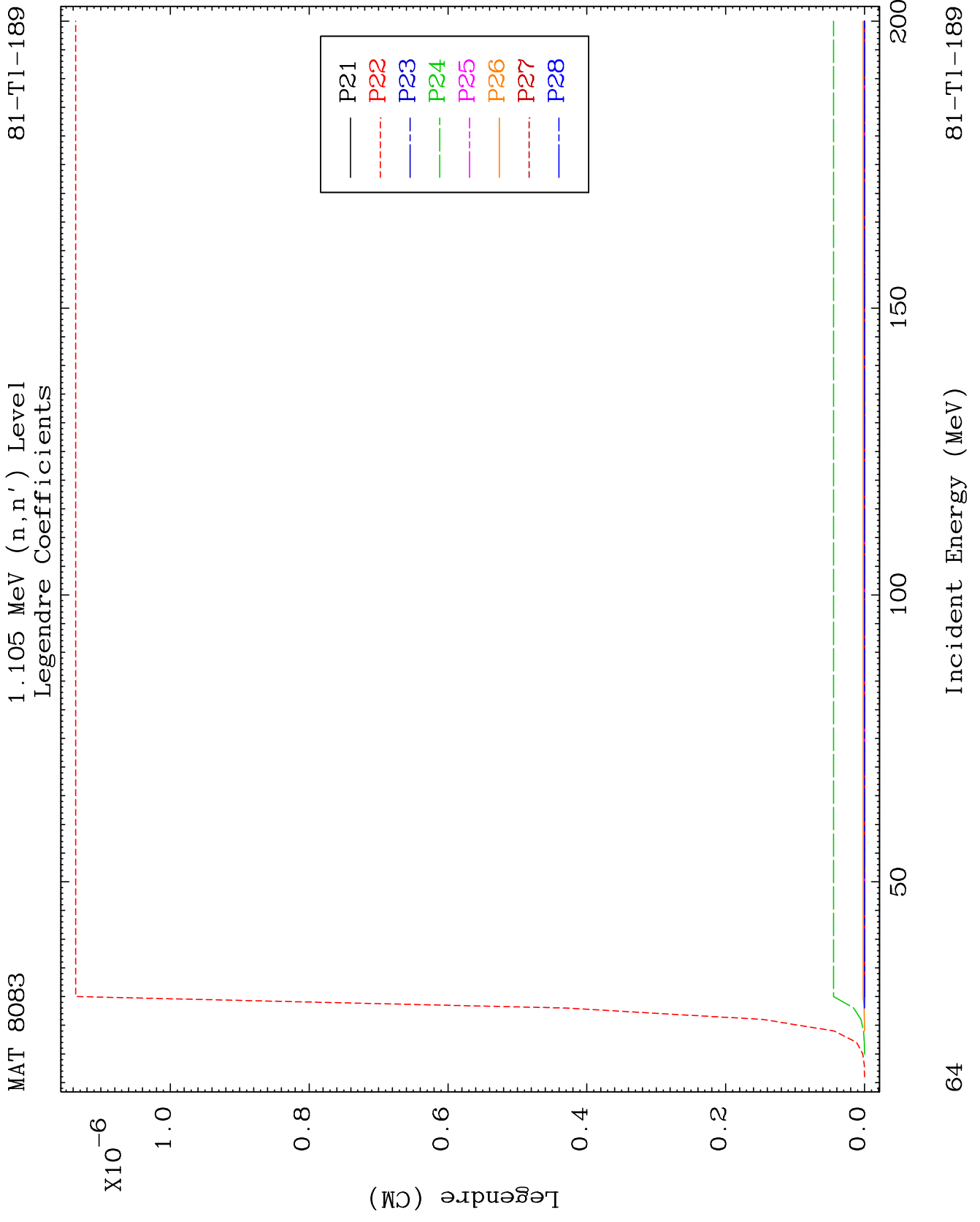


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Incident Energy (MeV)

81-Tl-189

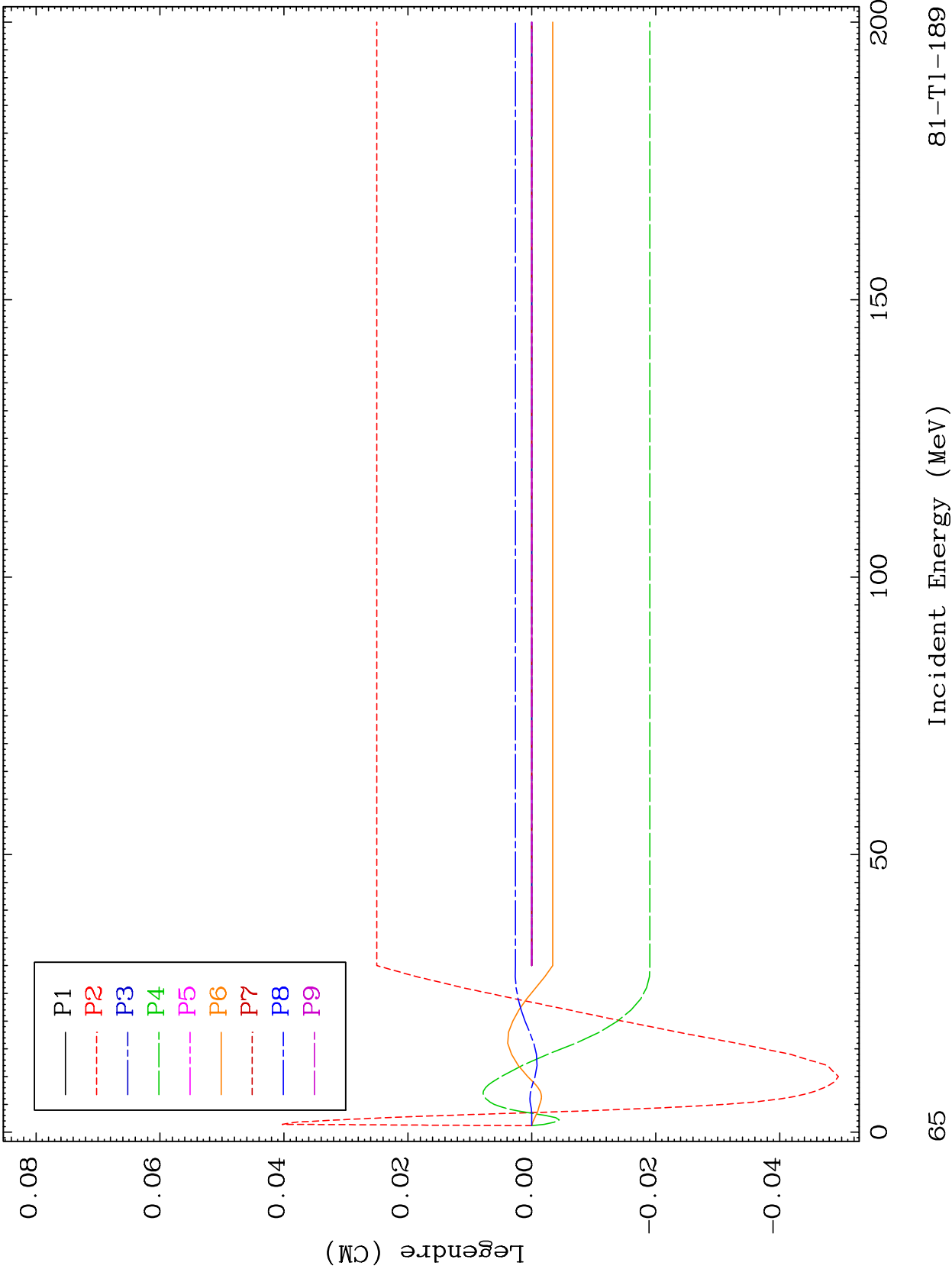




MAT 8083

1.148 MeV (n,n') Level  
Legendre Coefficients

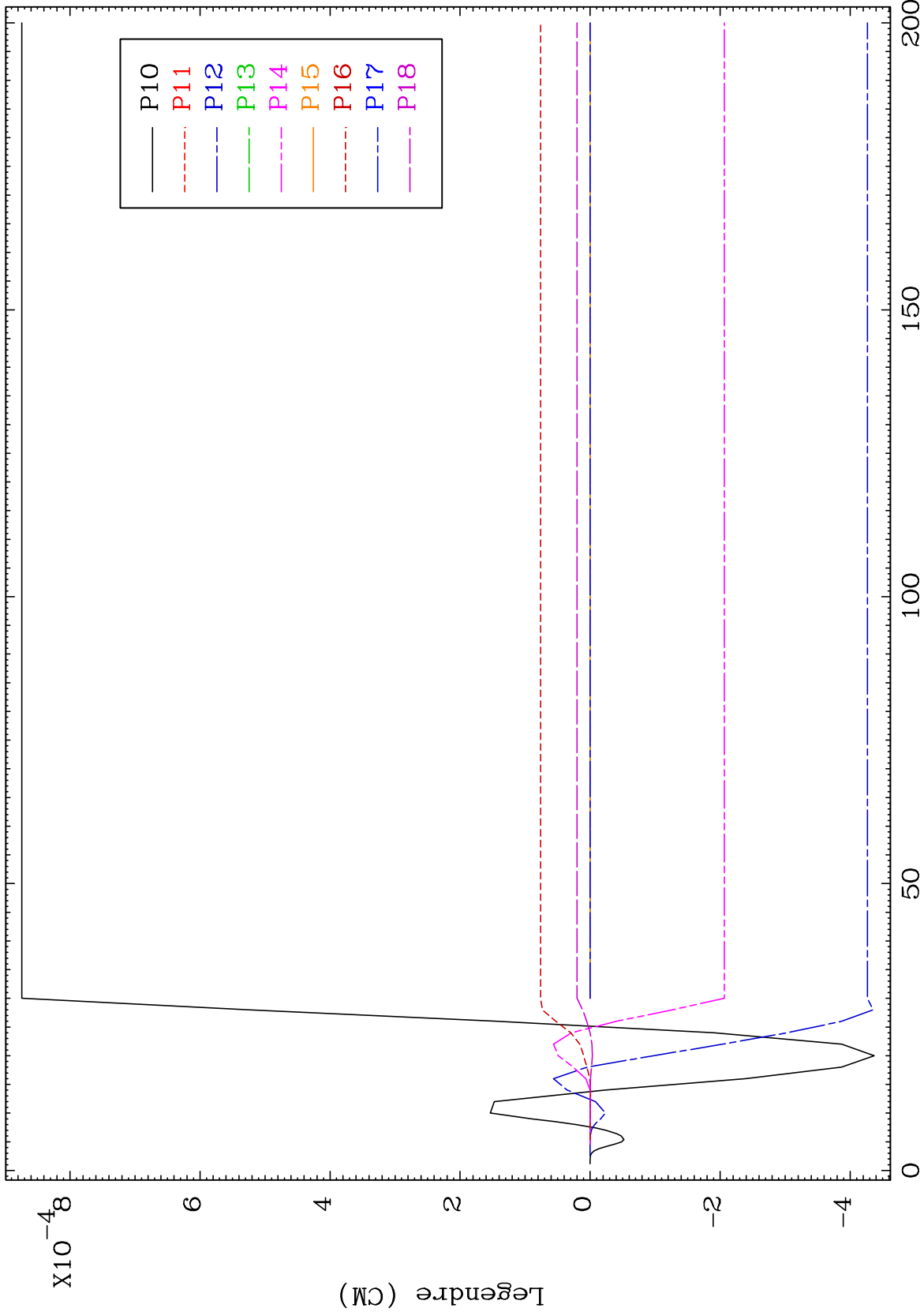
81-Tl-189

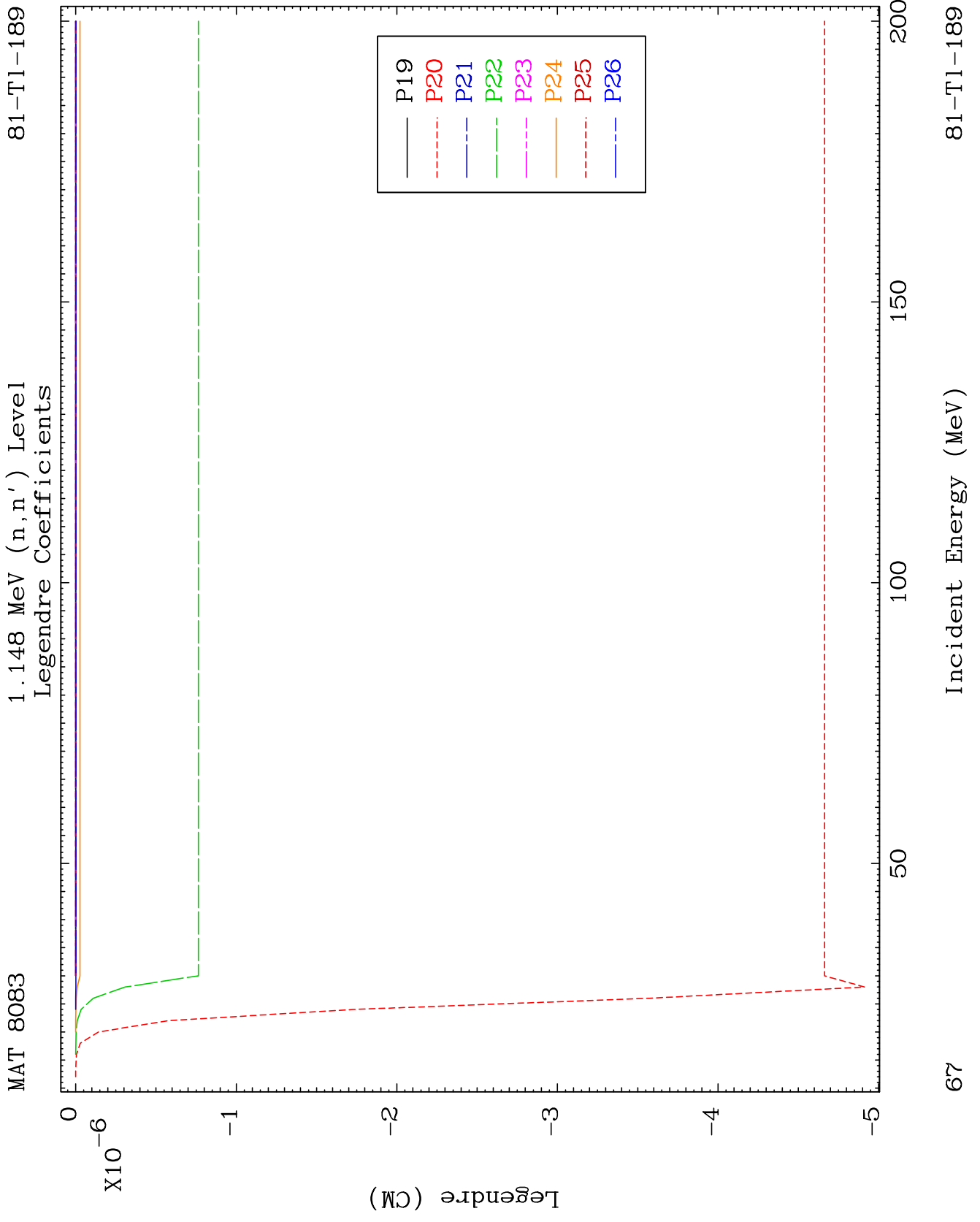


81-Tl-189

Incident Energy (MeV)

65

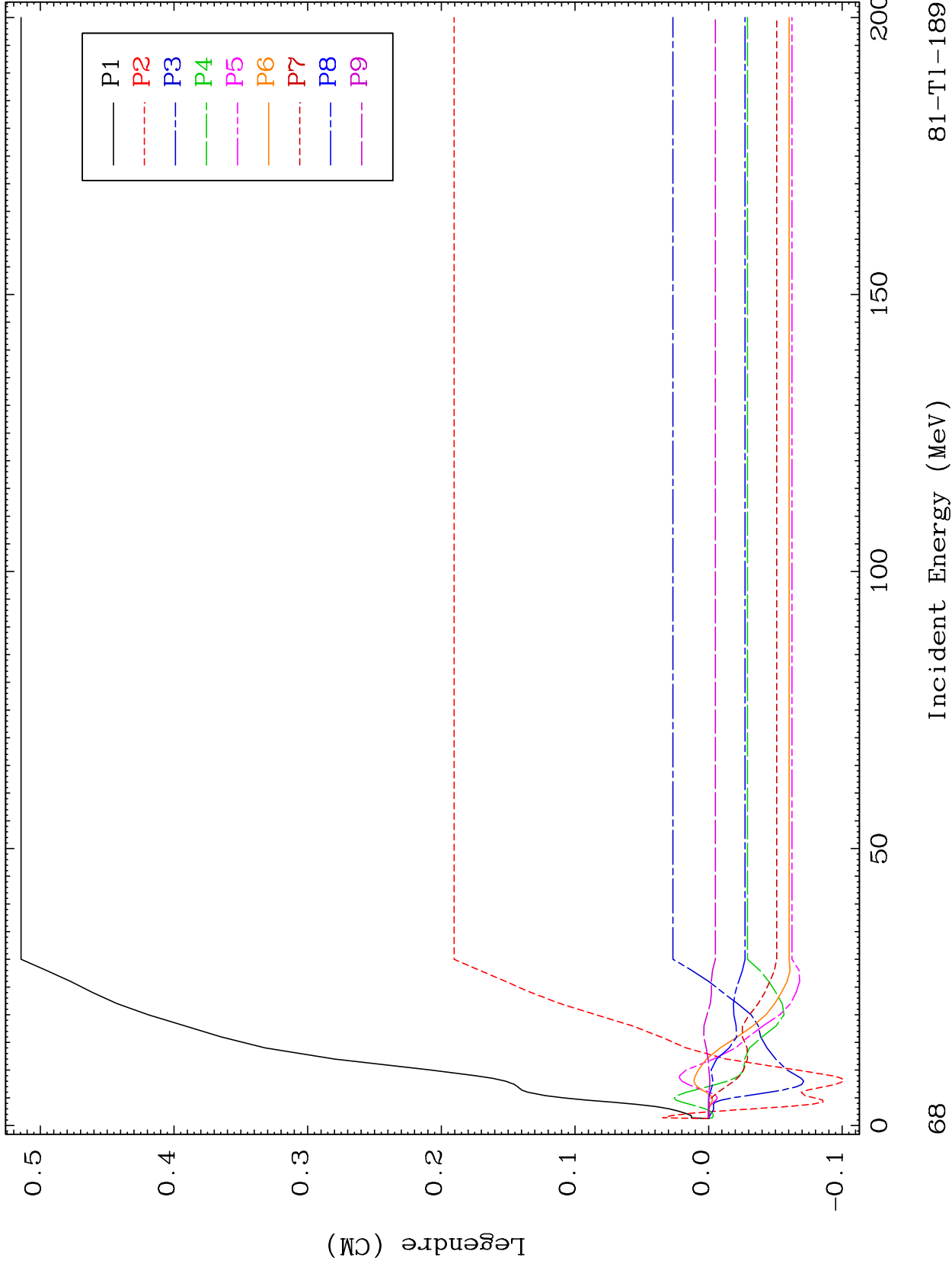




MAT 8083

1.228 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



81-Tl-189

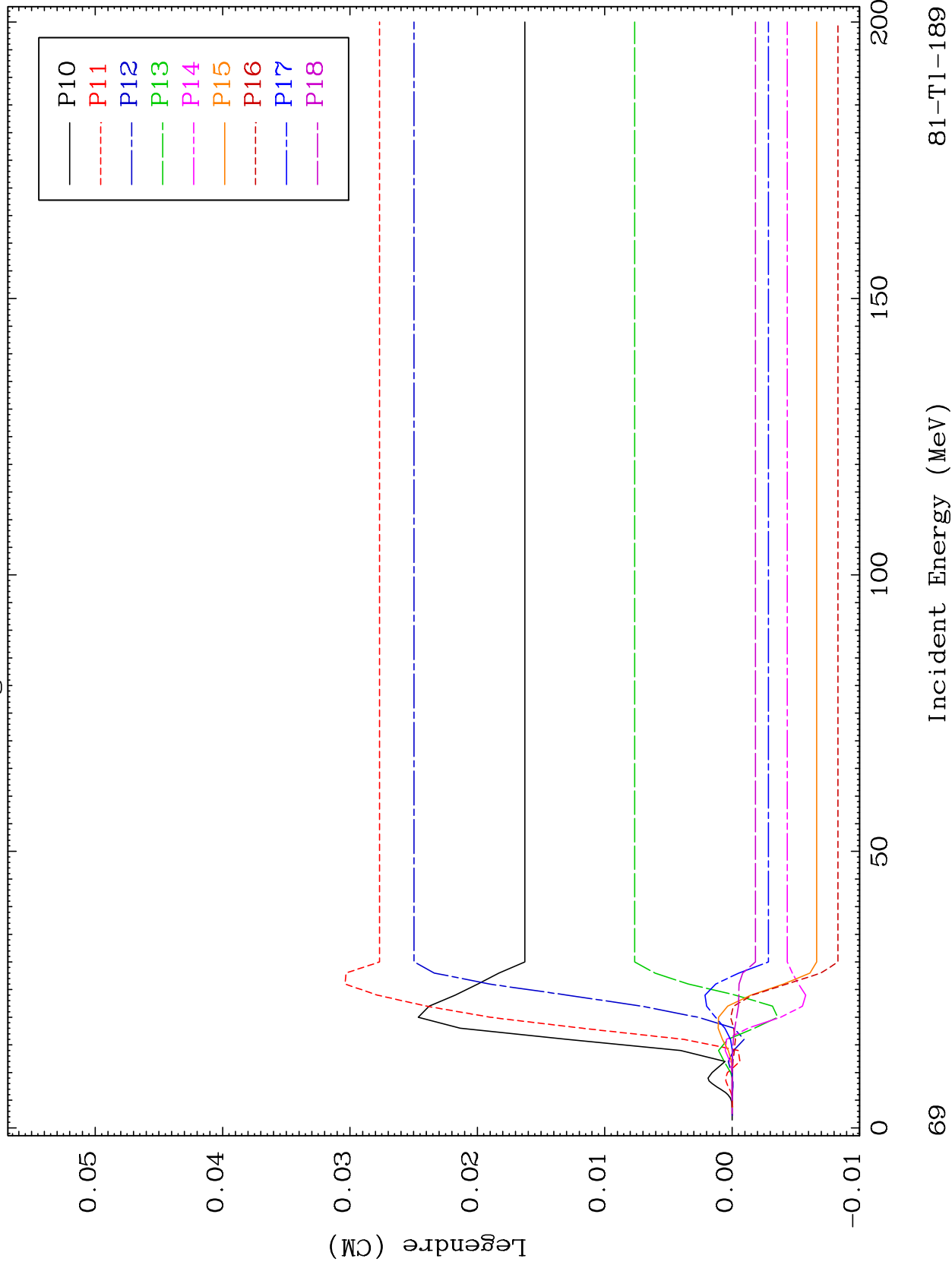
Incident Energy (MeV)

68

MAT 8083

1.228 MeV (n,n') Level  
Legendre Coefficients

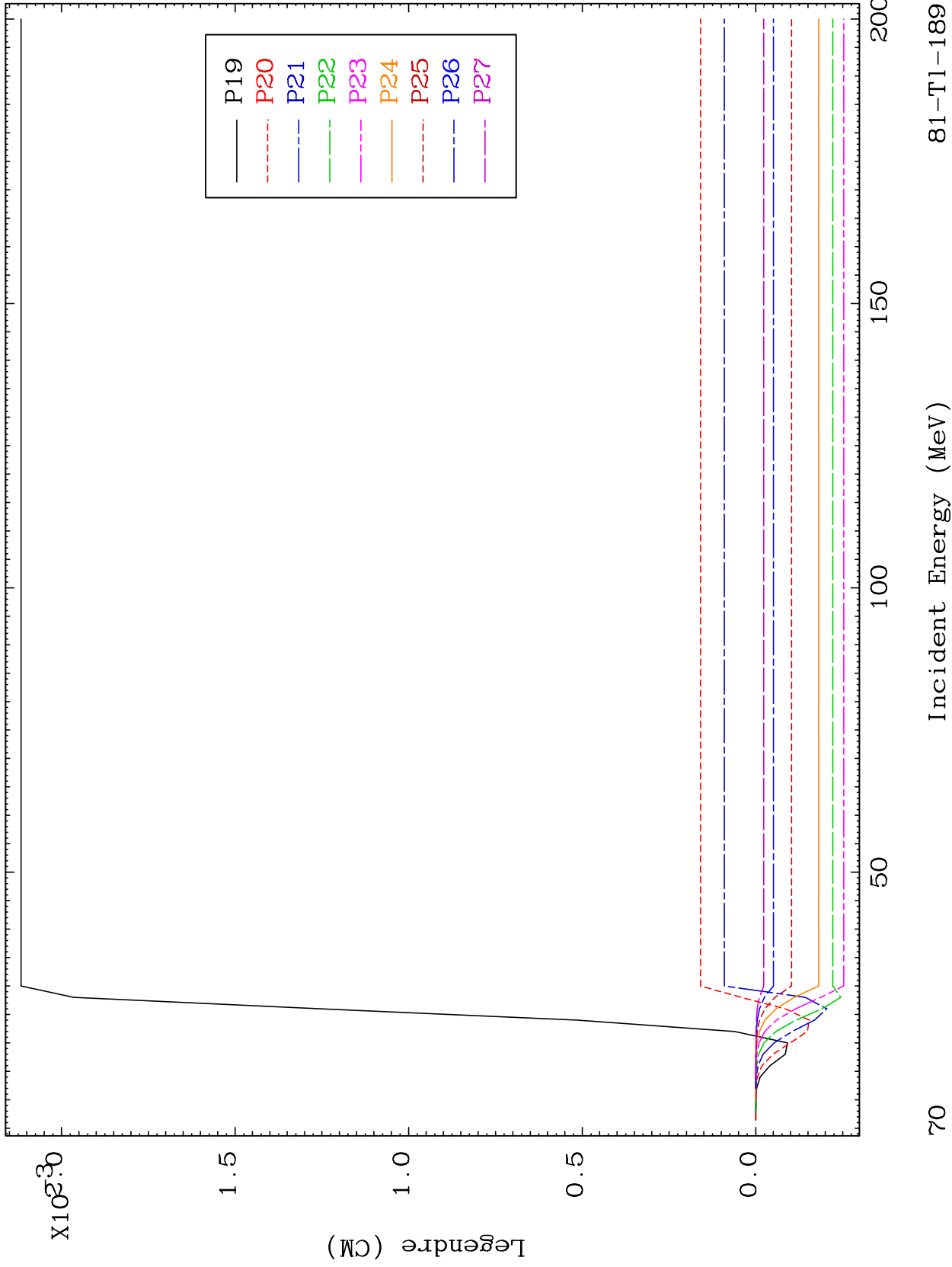
81-Tl-189



MAT 8083

1.228 MeV (n,n') Level  
Legendre Coefficients

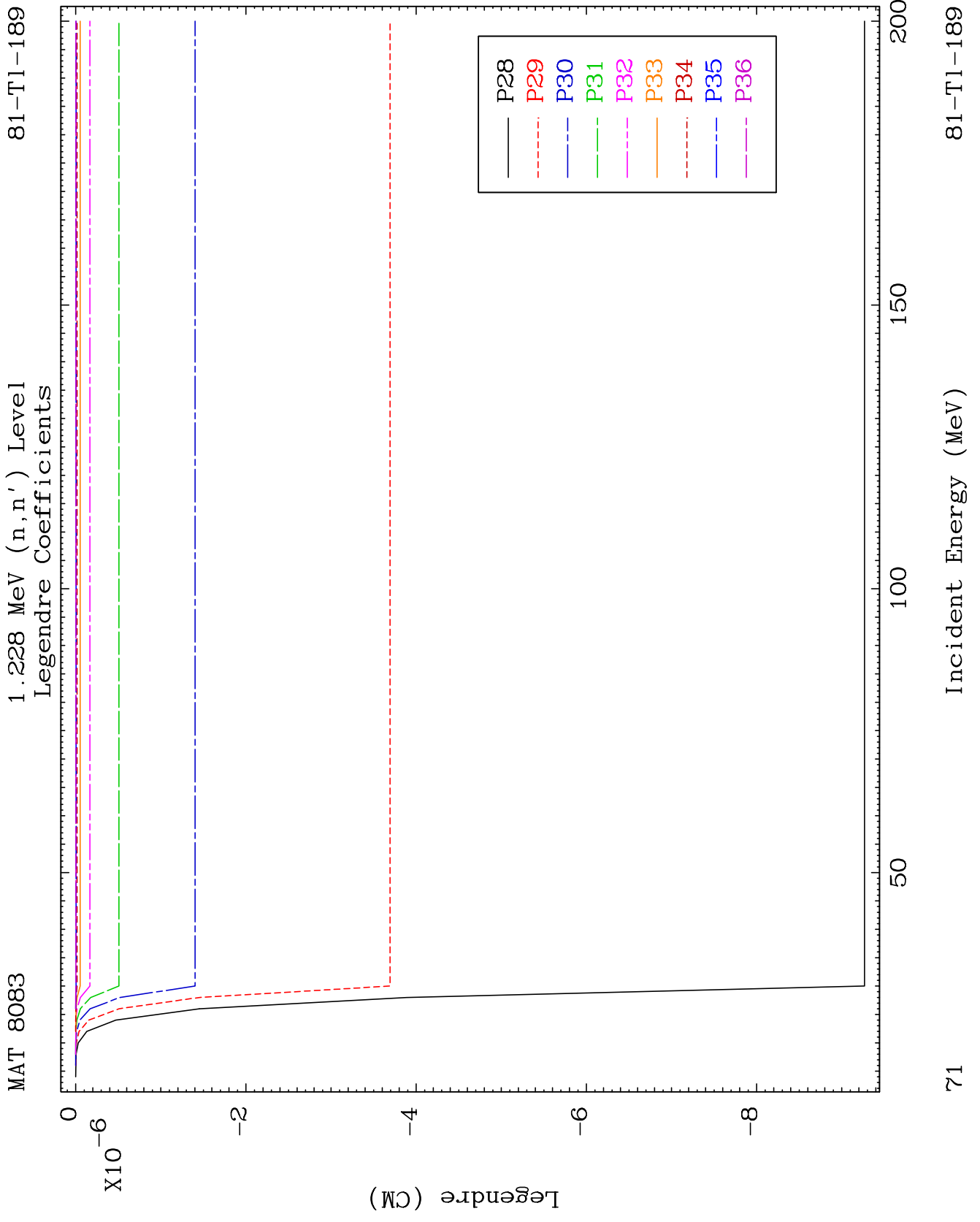
81-Tl-189



70

Incident Energy (MeV)

81-Tl-189

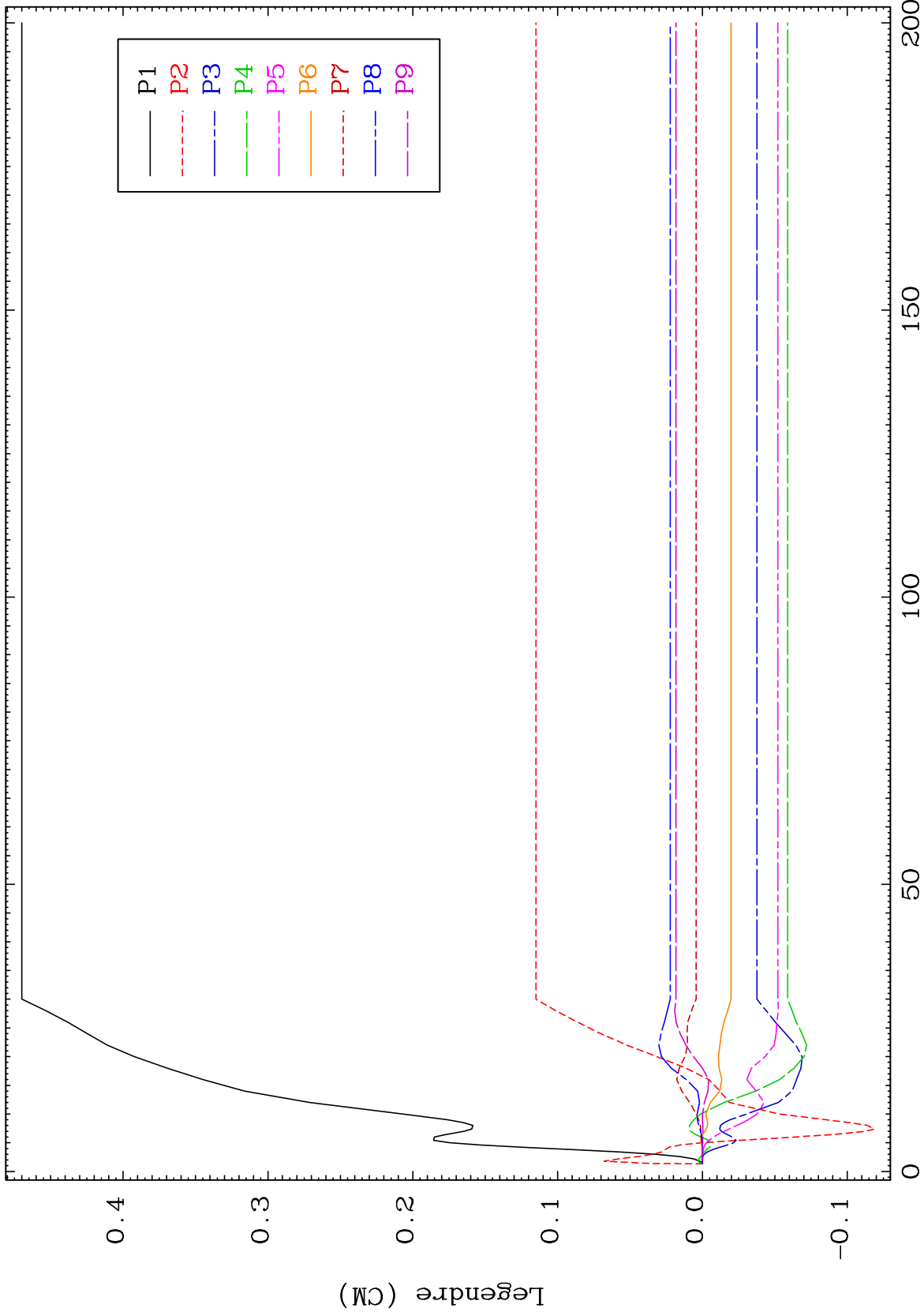




MAT 8083

1.325 MeV (n,n') Level Legendre Coefficients

81-Tl-189



72

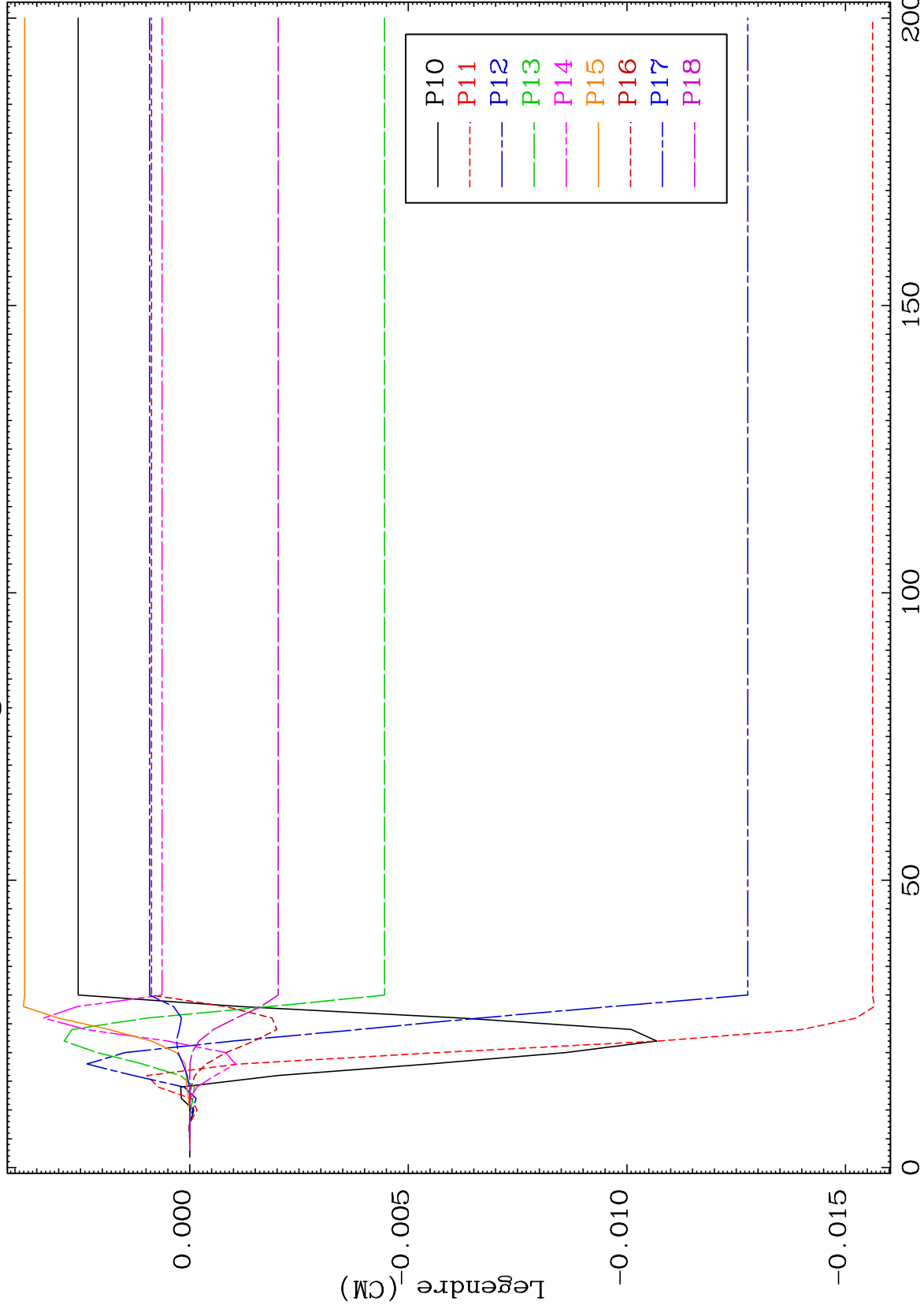
Incident Energy (MeV)

81-Tl-189

MAT 8083

1.325 MeV (n,n') Level  
Legendre Coefficients

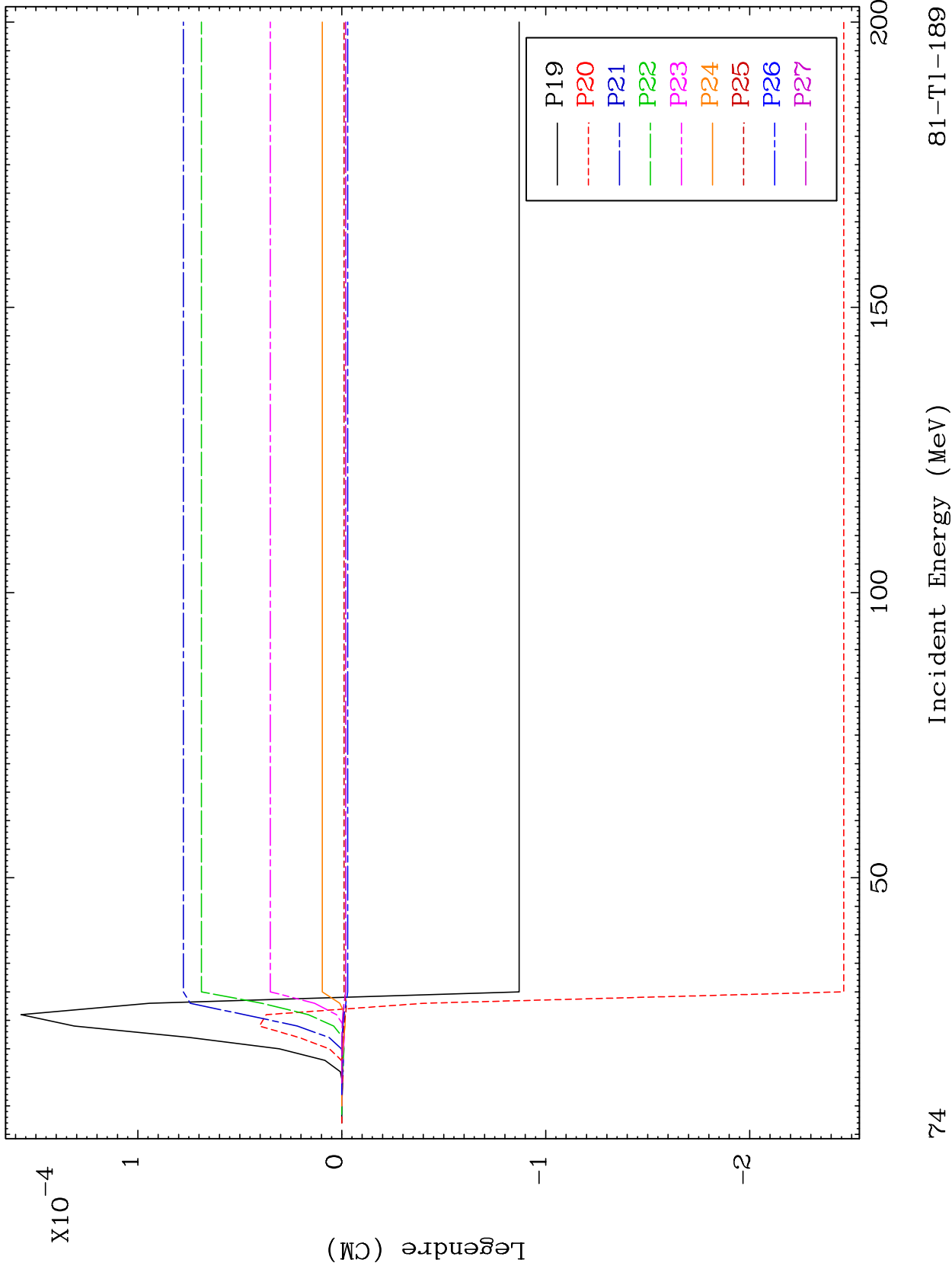
81-Tl-189

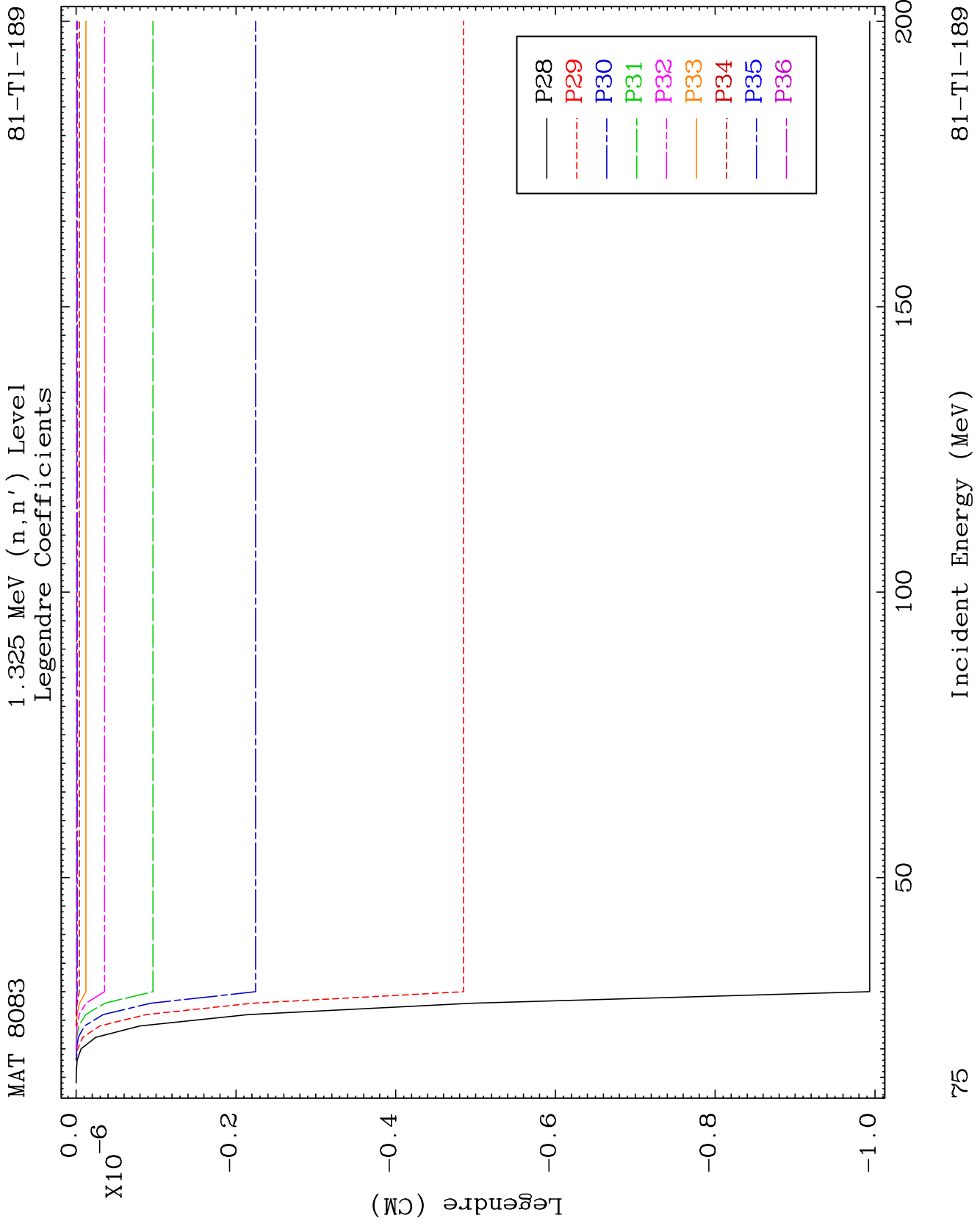


73

Incident Energy (MeV)

81-Tl-189

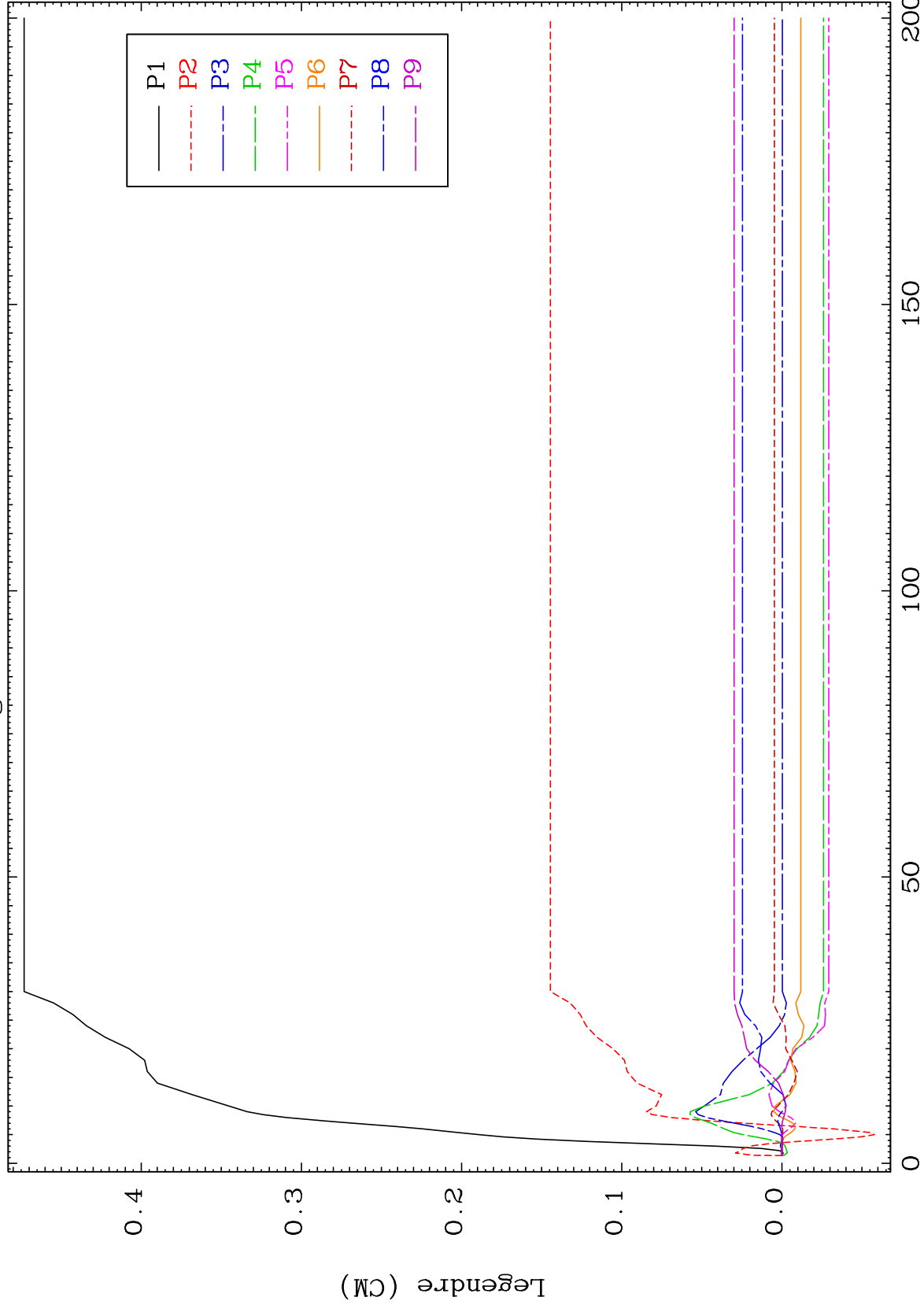




MAT 8083

1.332 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



76

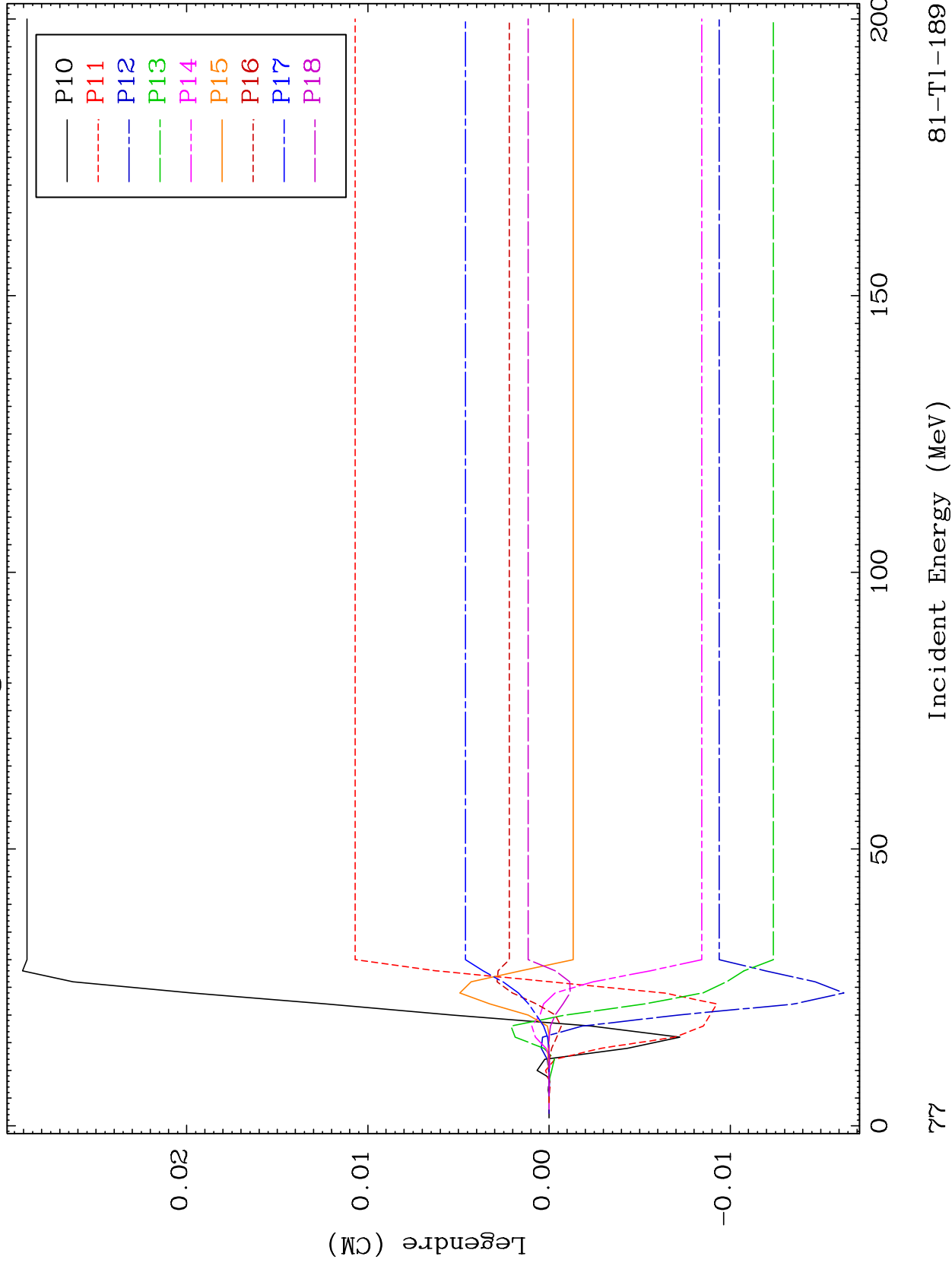
Incident Energy (MeV)

81-Tl-189

MAT 8083

1.332 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



77

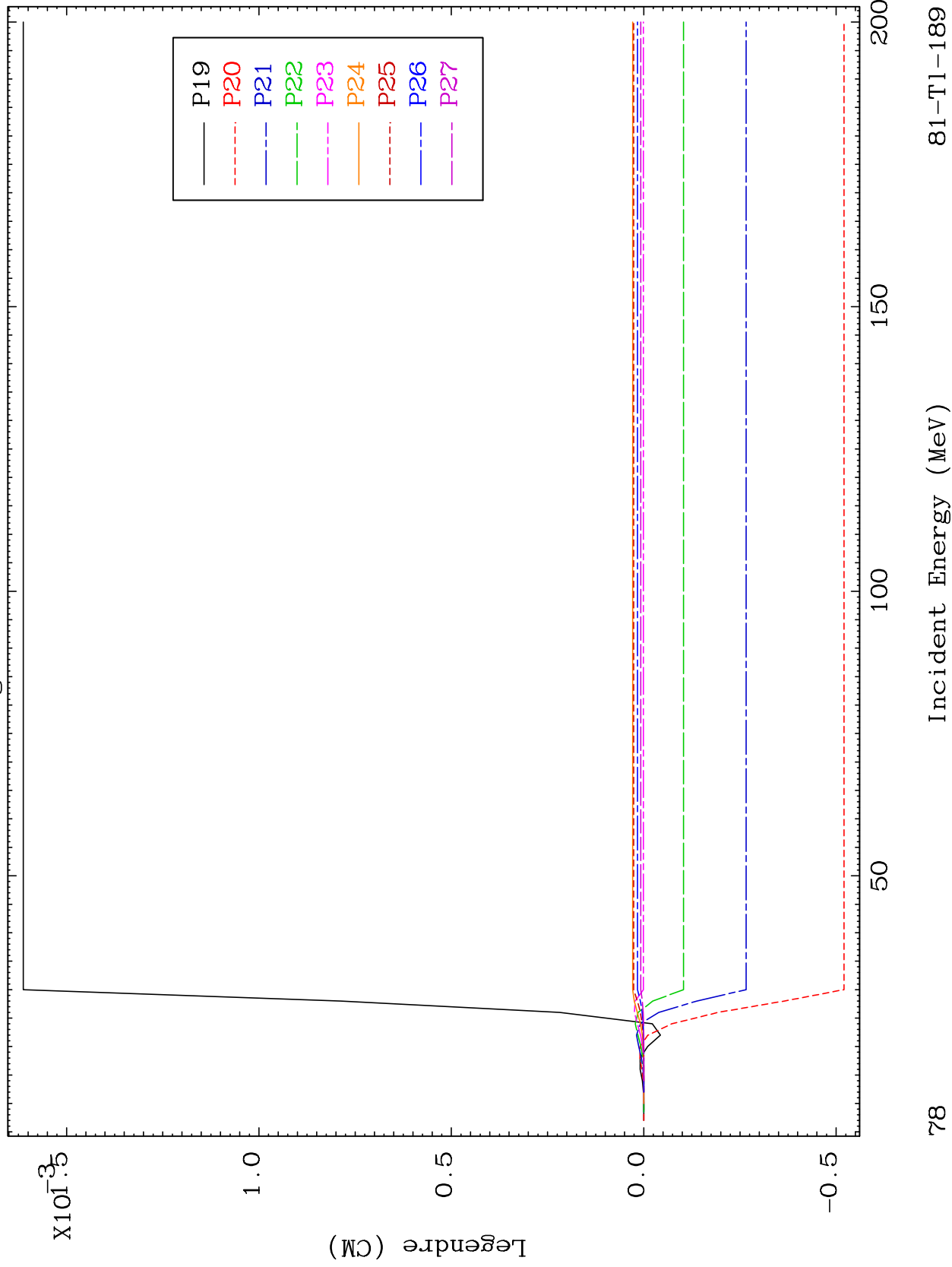
Incident Energy (MeV)

81-Tl-189

MAT 8083

1.332 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



78

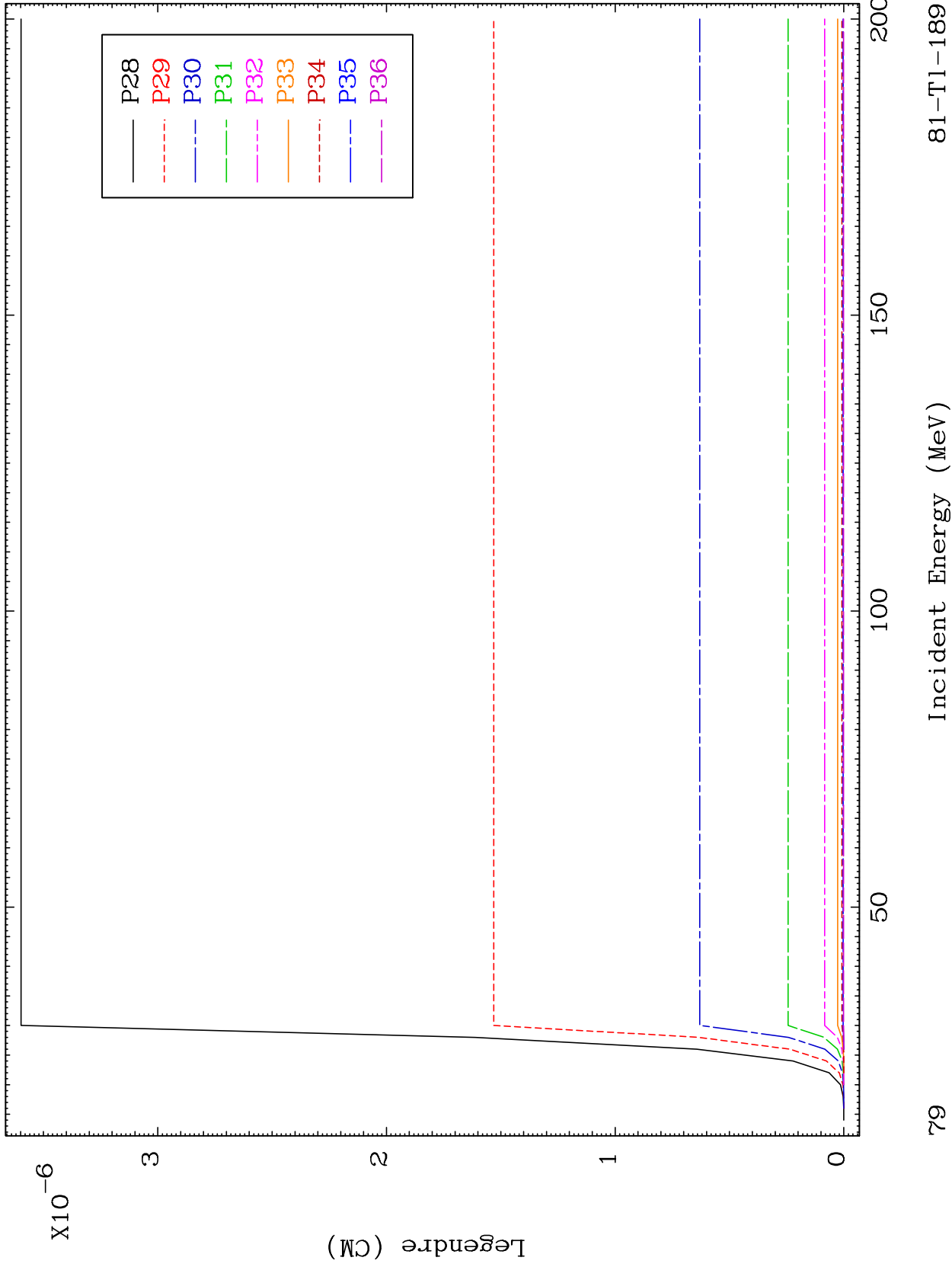
Incident Energy (MeV)

81-Tl-189

MAT 8083

1.332 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



79

Incident Energy (MeV)

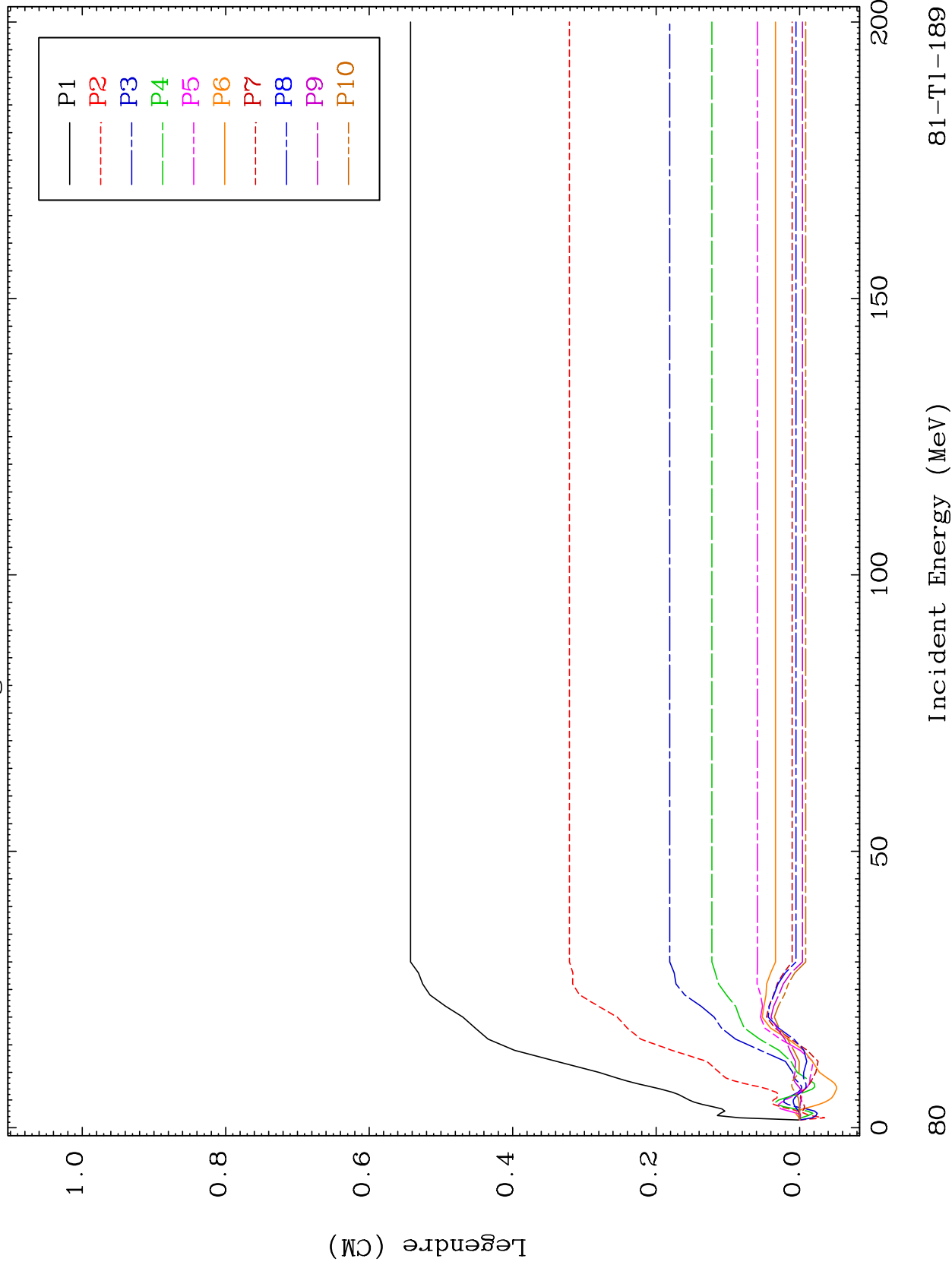
81-Tl-189

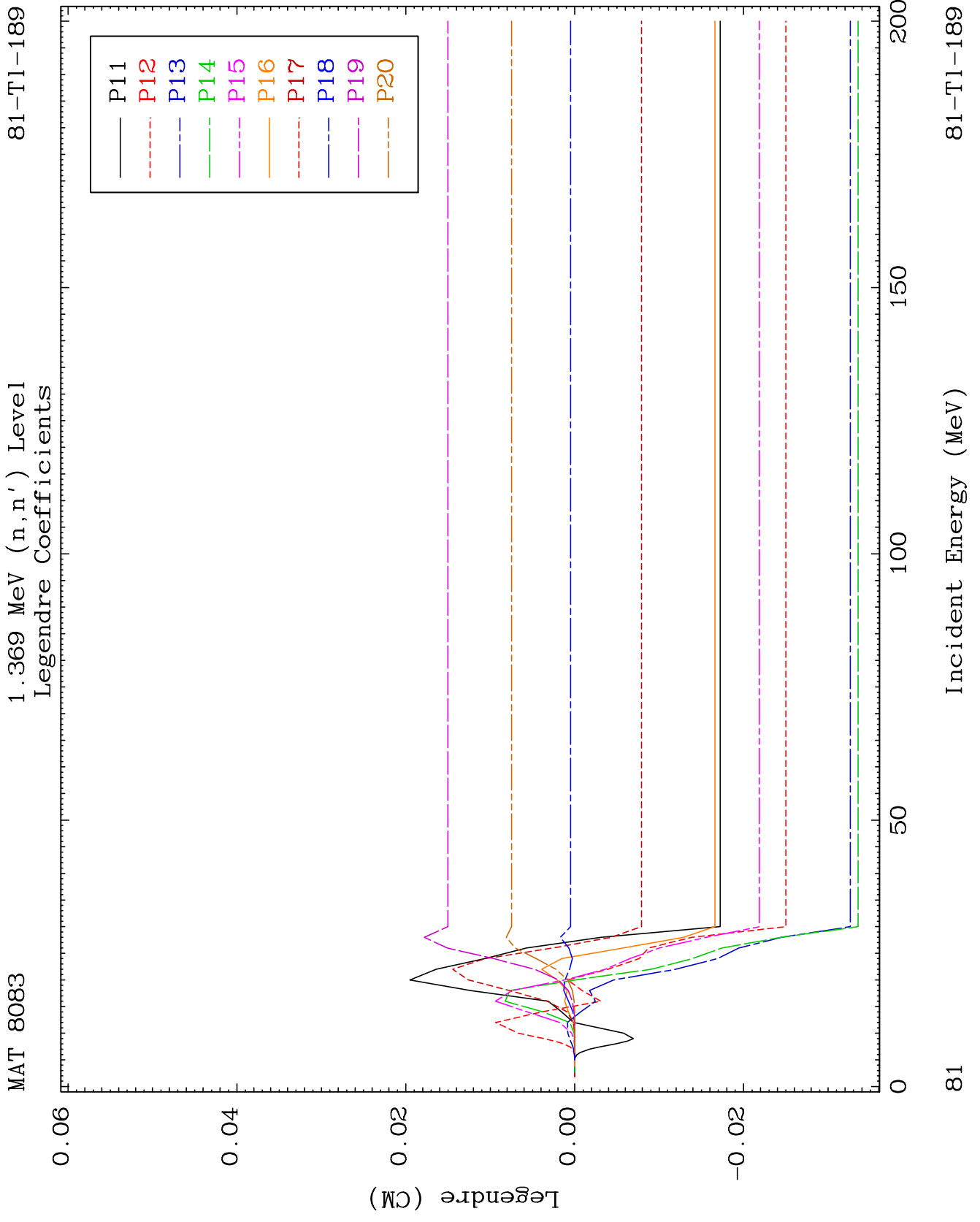


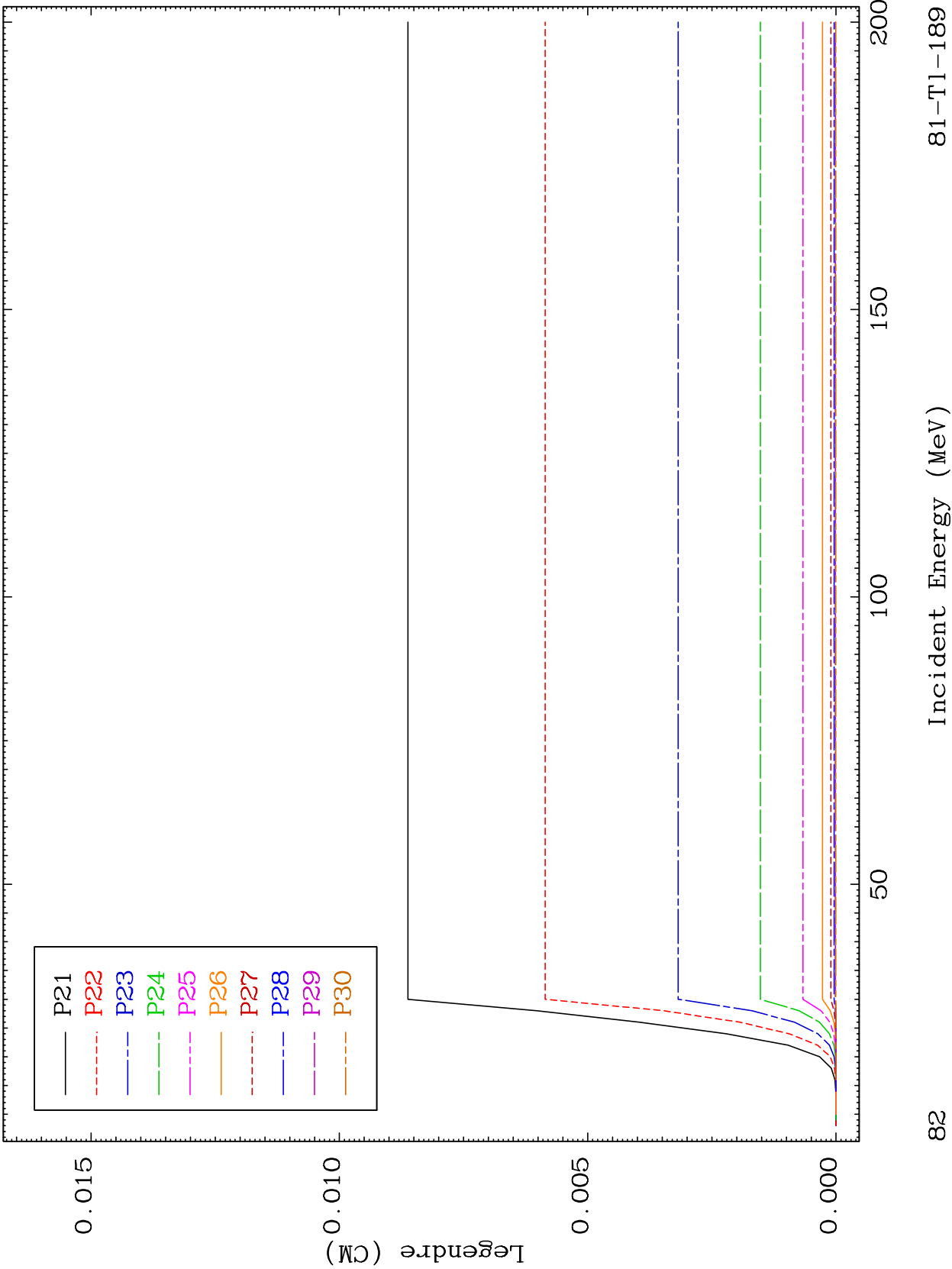
MAT 8083

1.369 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189



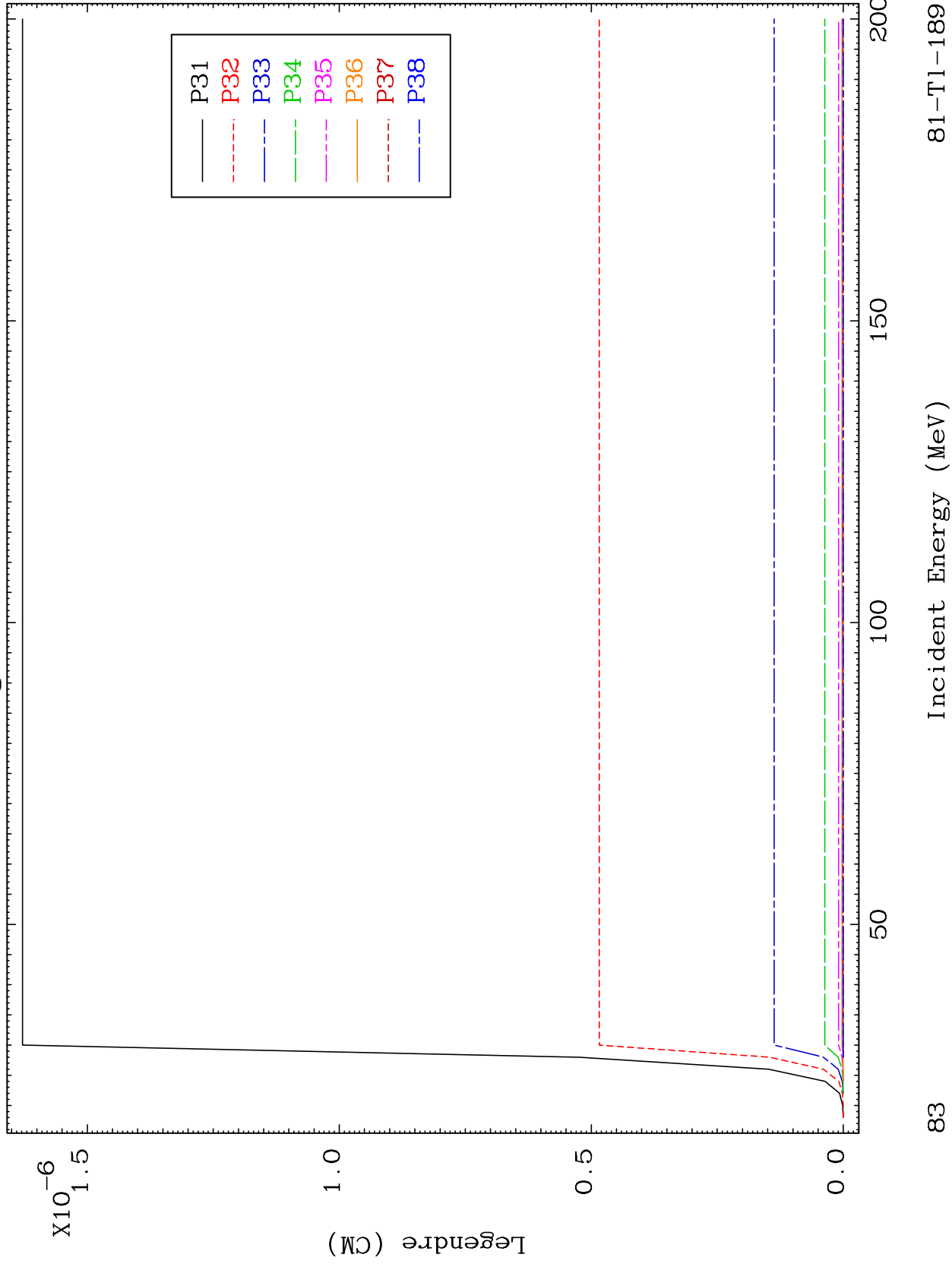




MAT 8083

1.369 MeV (n,n') Level  
Legendre Coefficients

81-Tl-189

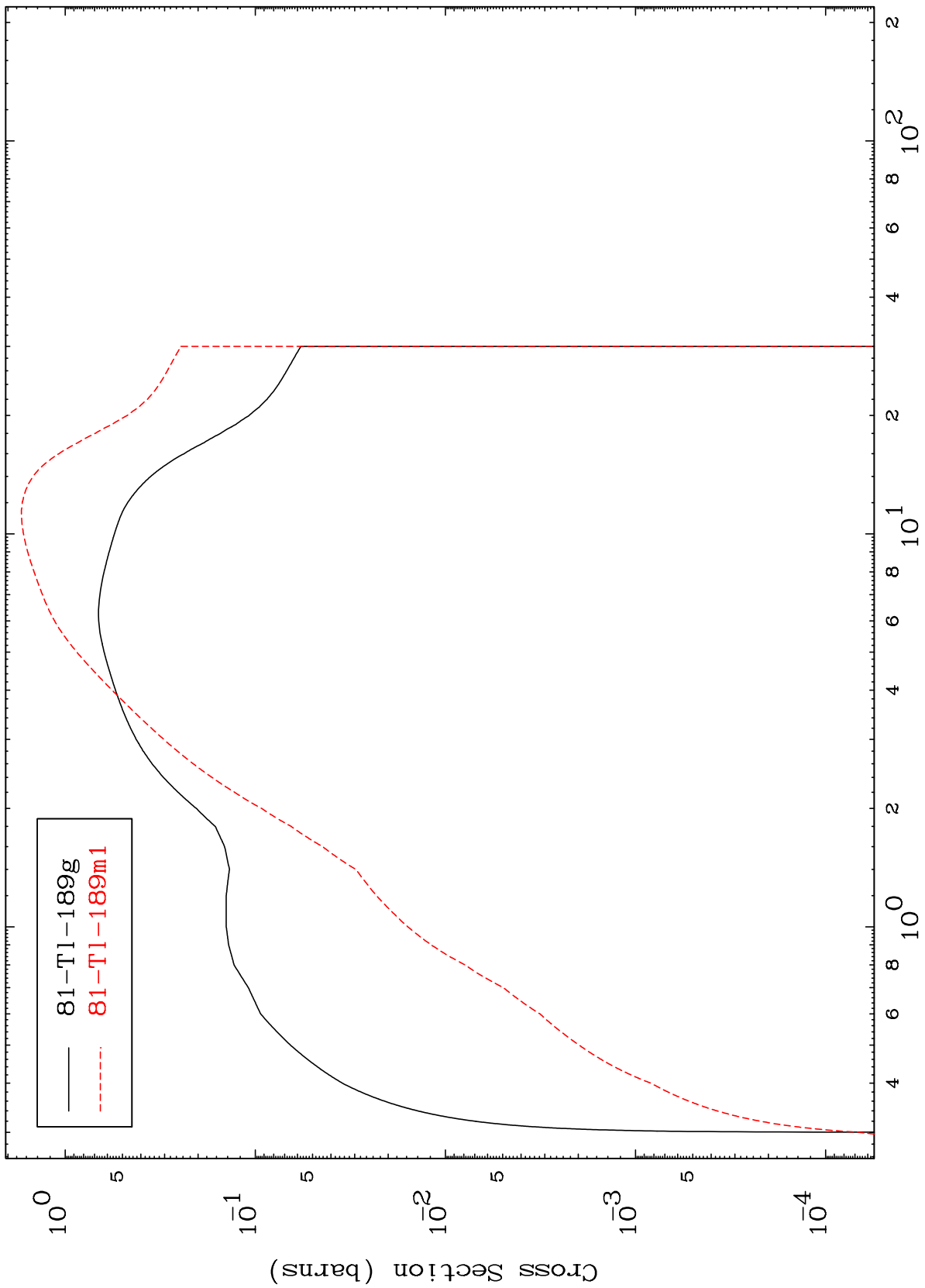


83

MAT 8083

81-Tl-189

Inelastic  
Radionuclide Production Cross Section



84

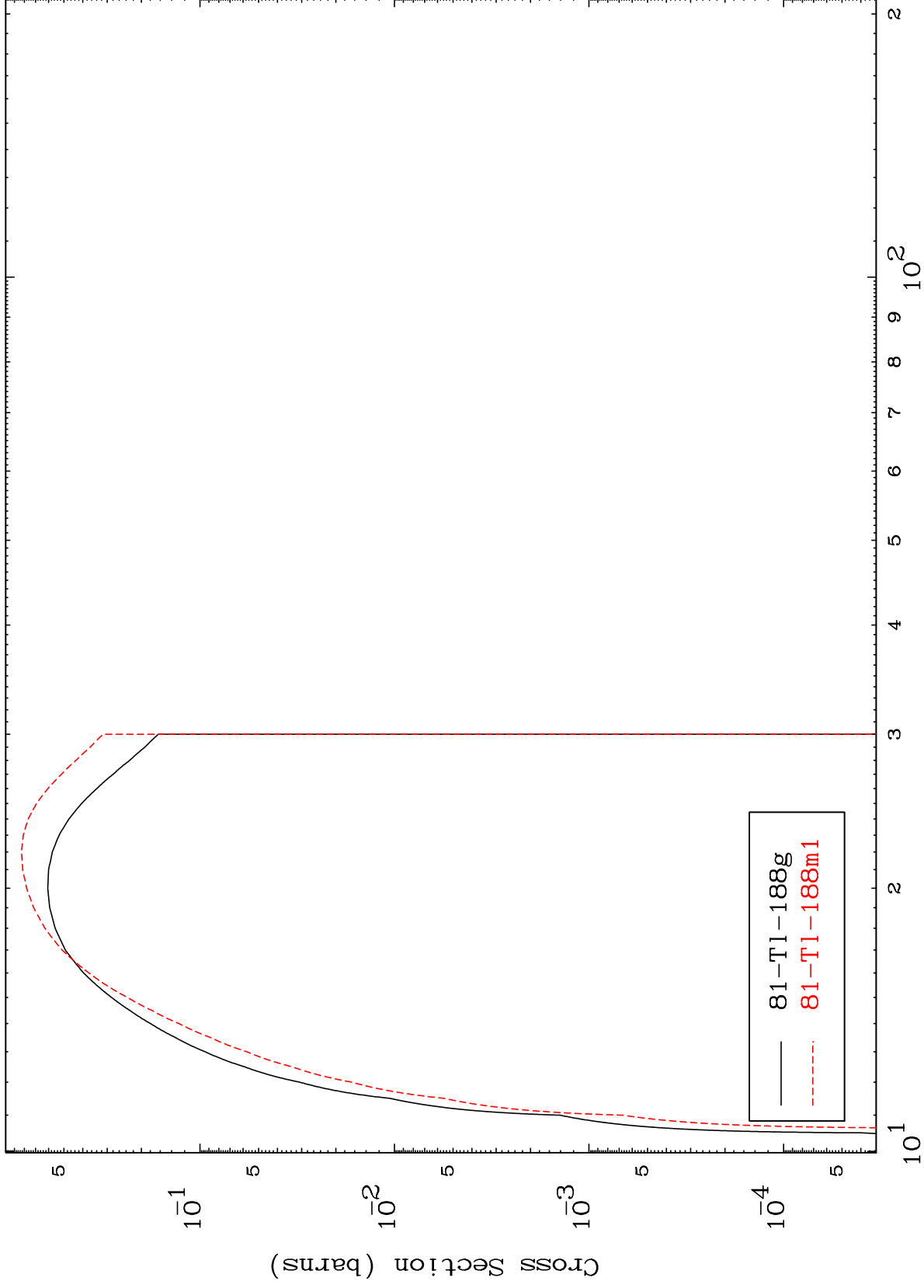
81-Tl-189

Incident Energy (MeV)

MAT 8083

81-Tl-189

Radionuclide Production Cross Section  
(n,2n)

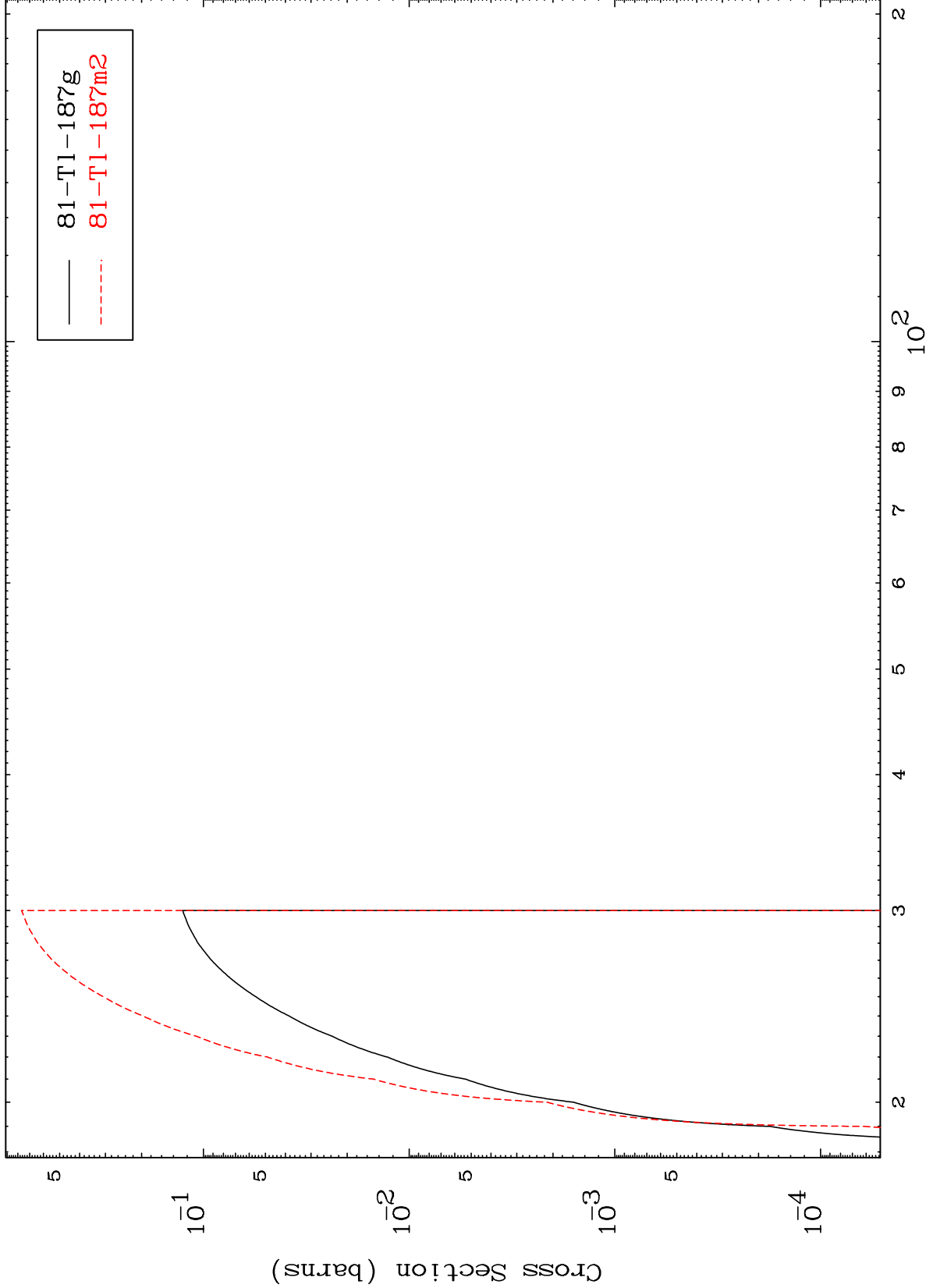


81-Tl-189

Incident Energy (MeV)

85

Radionuclide Production Cross Section

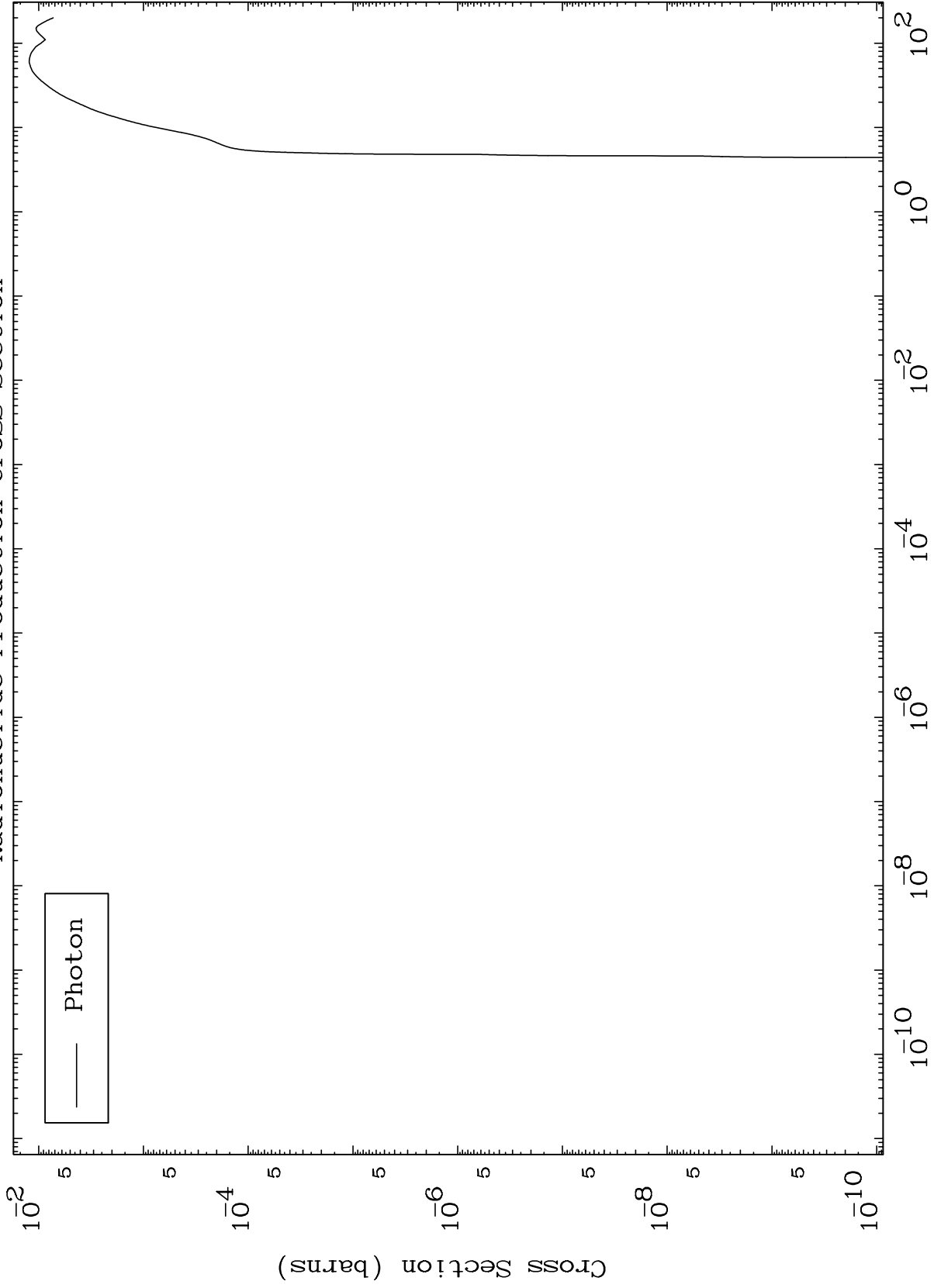


MAT 8083

Fission

81-Tl-189

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-189

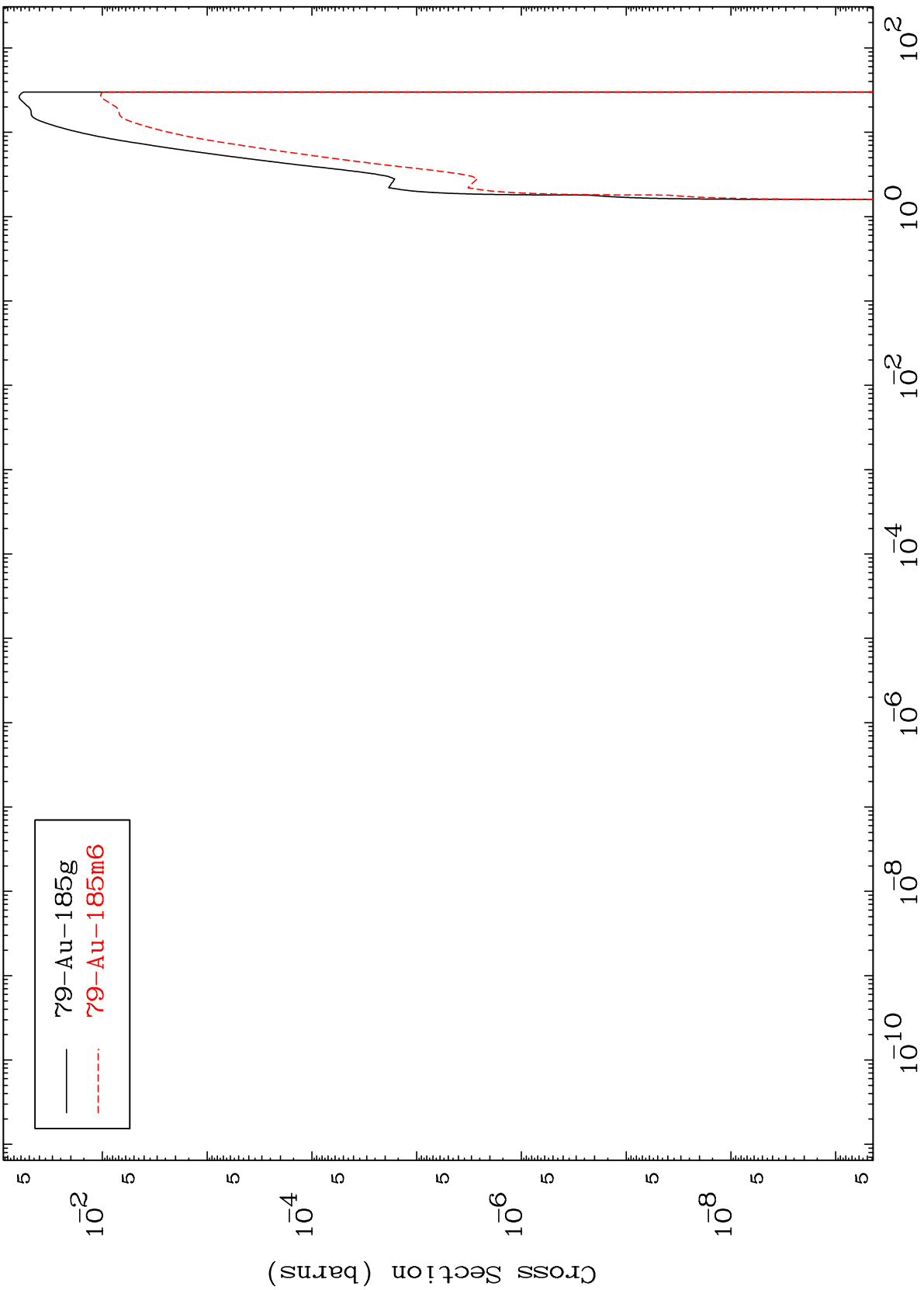


MAT 8083

$(n, n') \alpha$

81-Tl-189

Radionuclide Production Cross Section



—  $^{79}\text{Au-185g}$   
- - -  $^{79}\text{Au-185m6}$

88

Incident Energy (MeV)

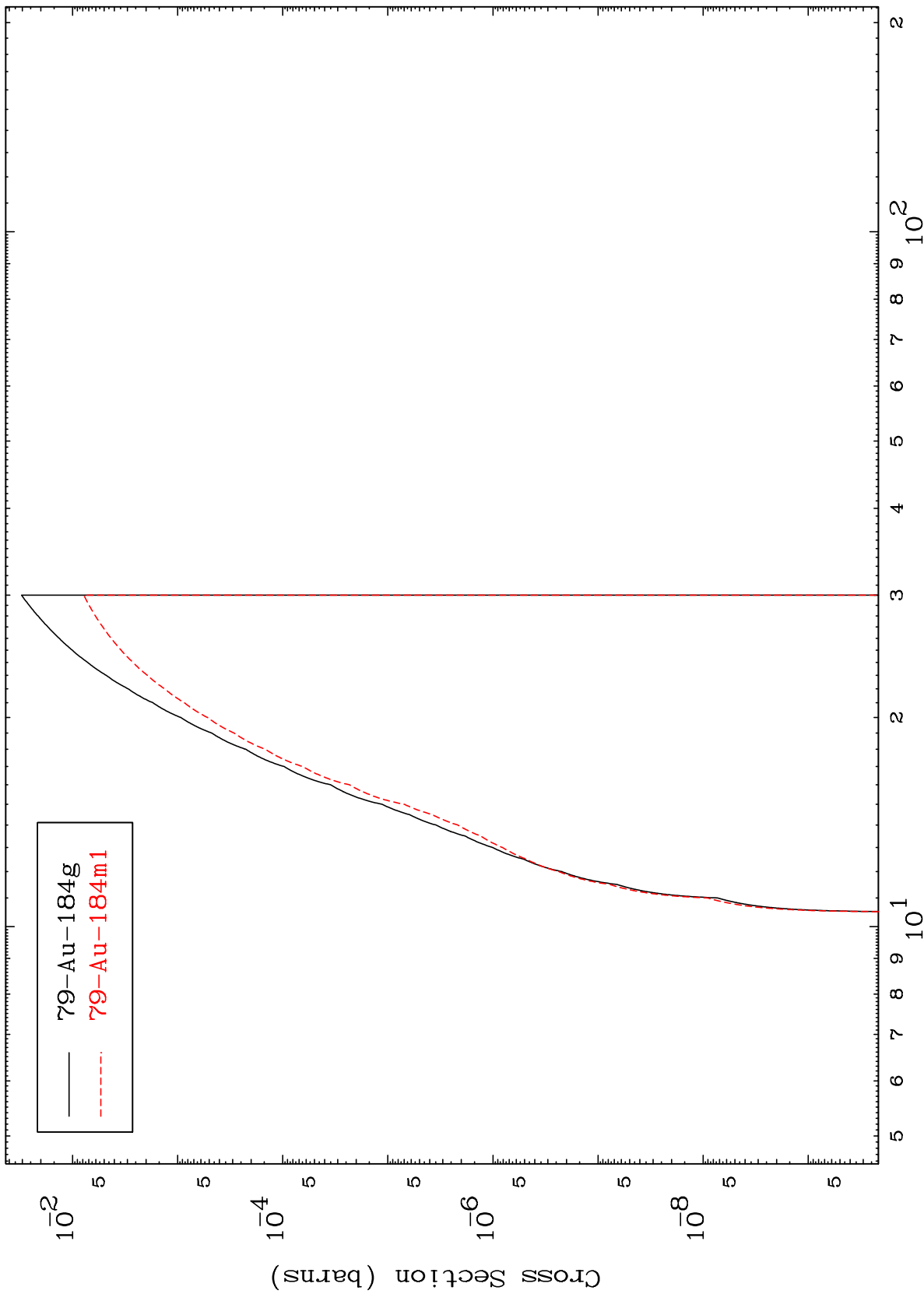
81-Tl-189

MAT 8083

(n,2n)  $\alpha$

81-Tl-189

Radionuclide Production Cross Section



89

Incident Energy (MeV)

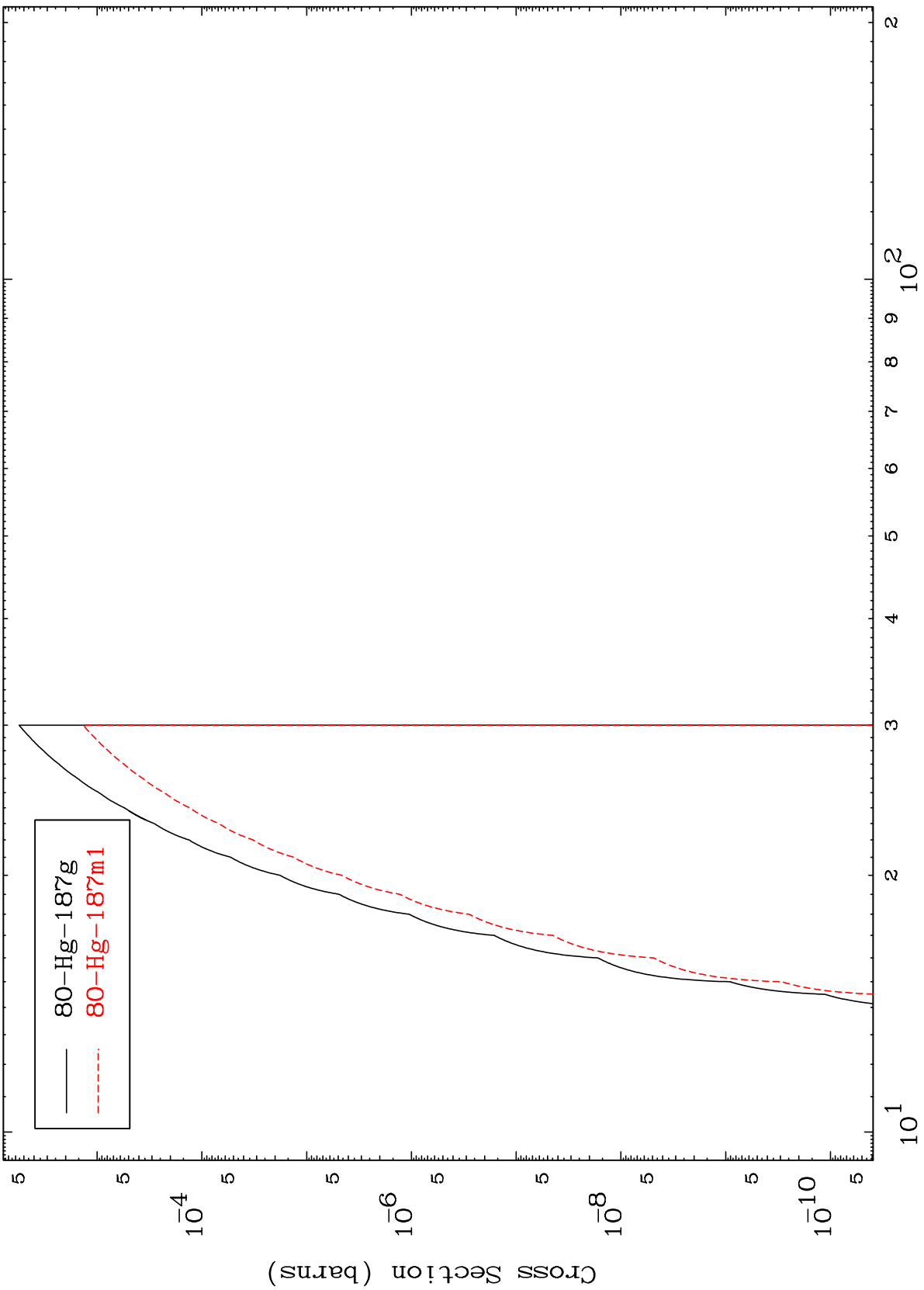
81-Tl-189

MAT 8083

(n,n') d

81-Tl-189

Radionuclide Production Cross Section



90

Incident Energy (MeV)

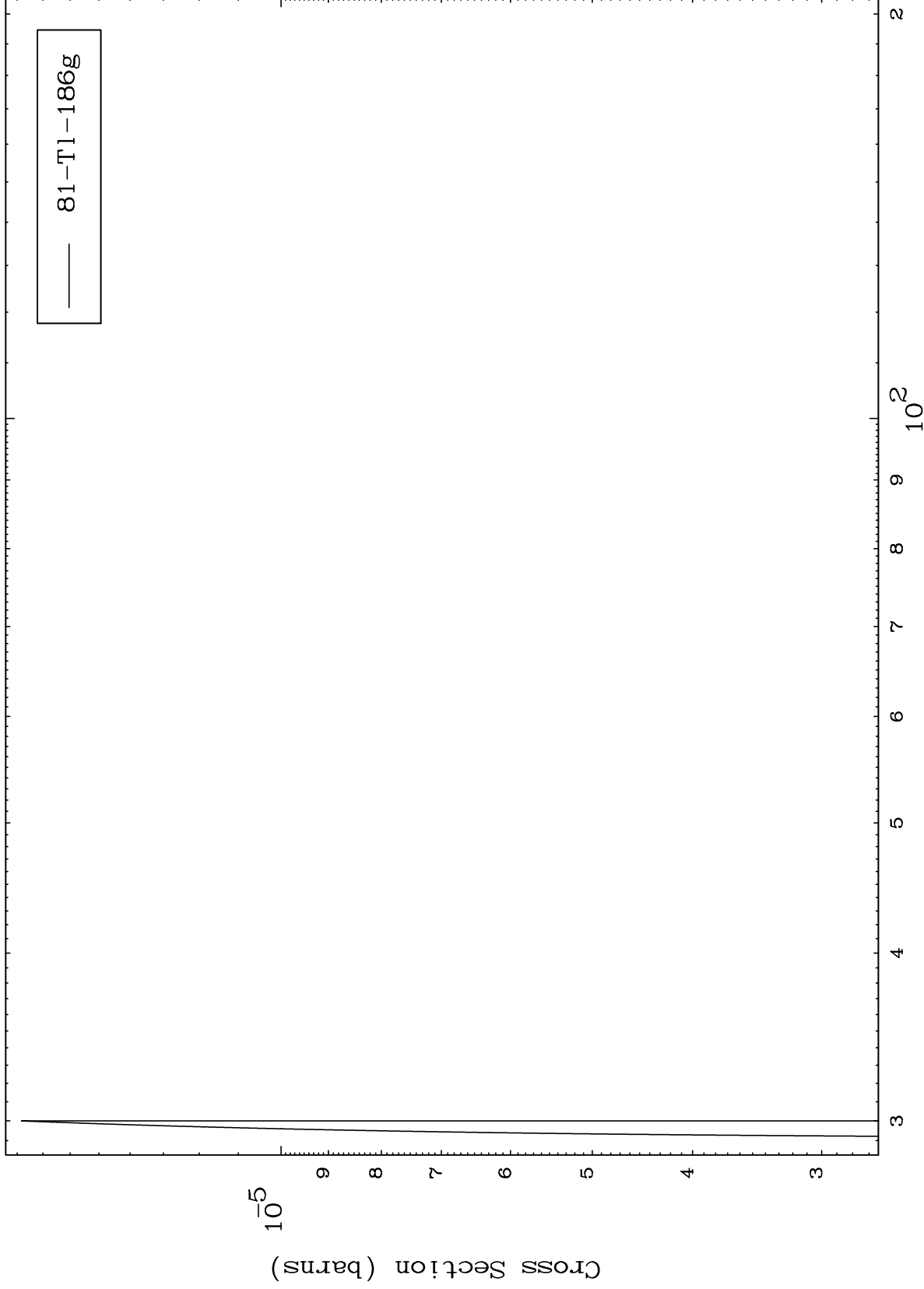
81-Tl-189

MAT 8083

(n,4n)

81-Tl-189

Radionuclide Production Cross Section

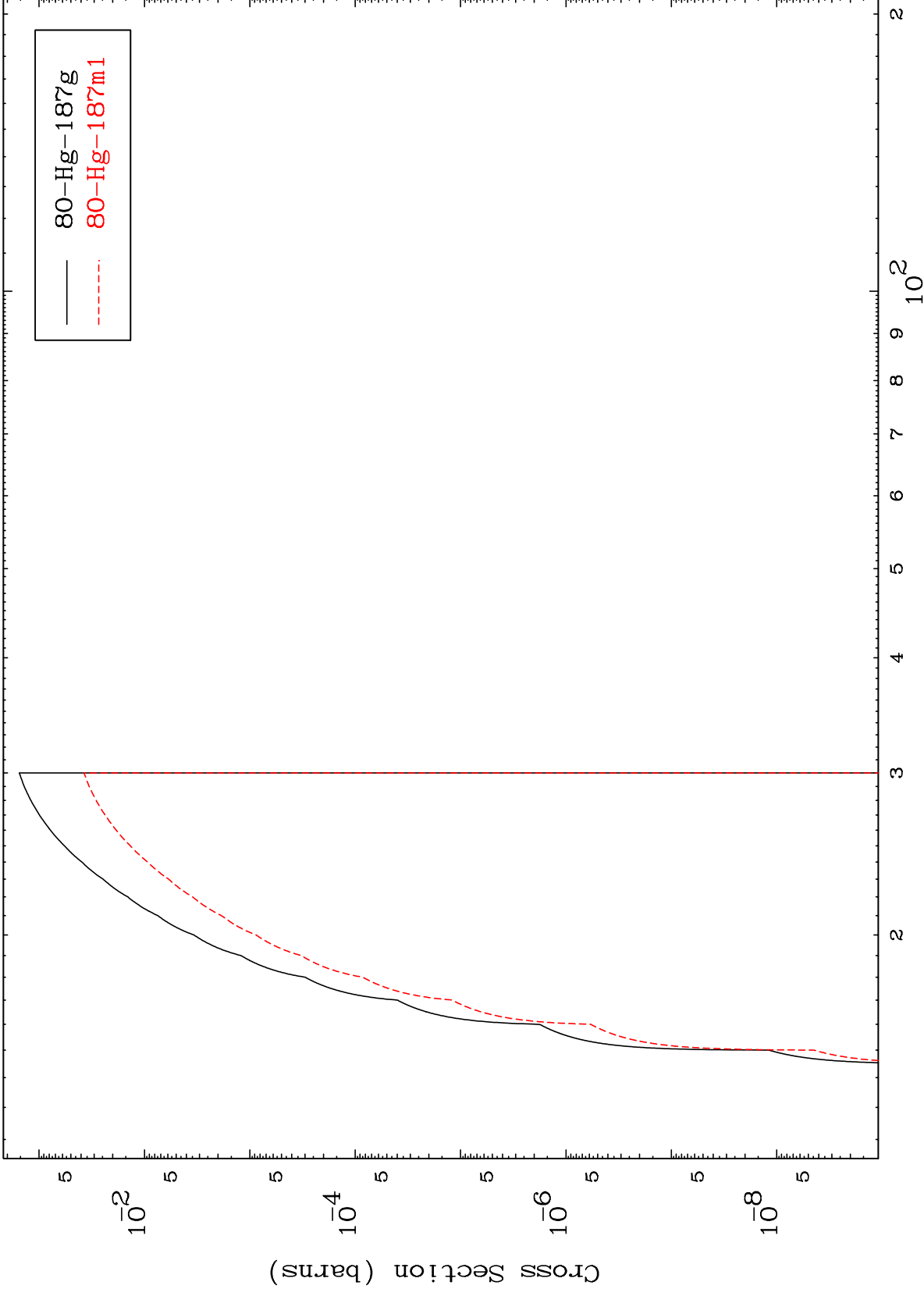


91

Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section

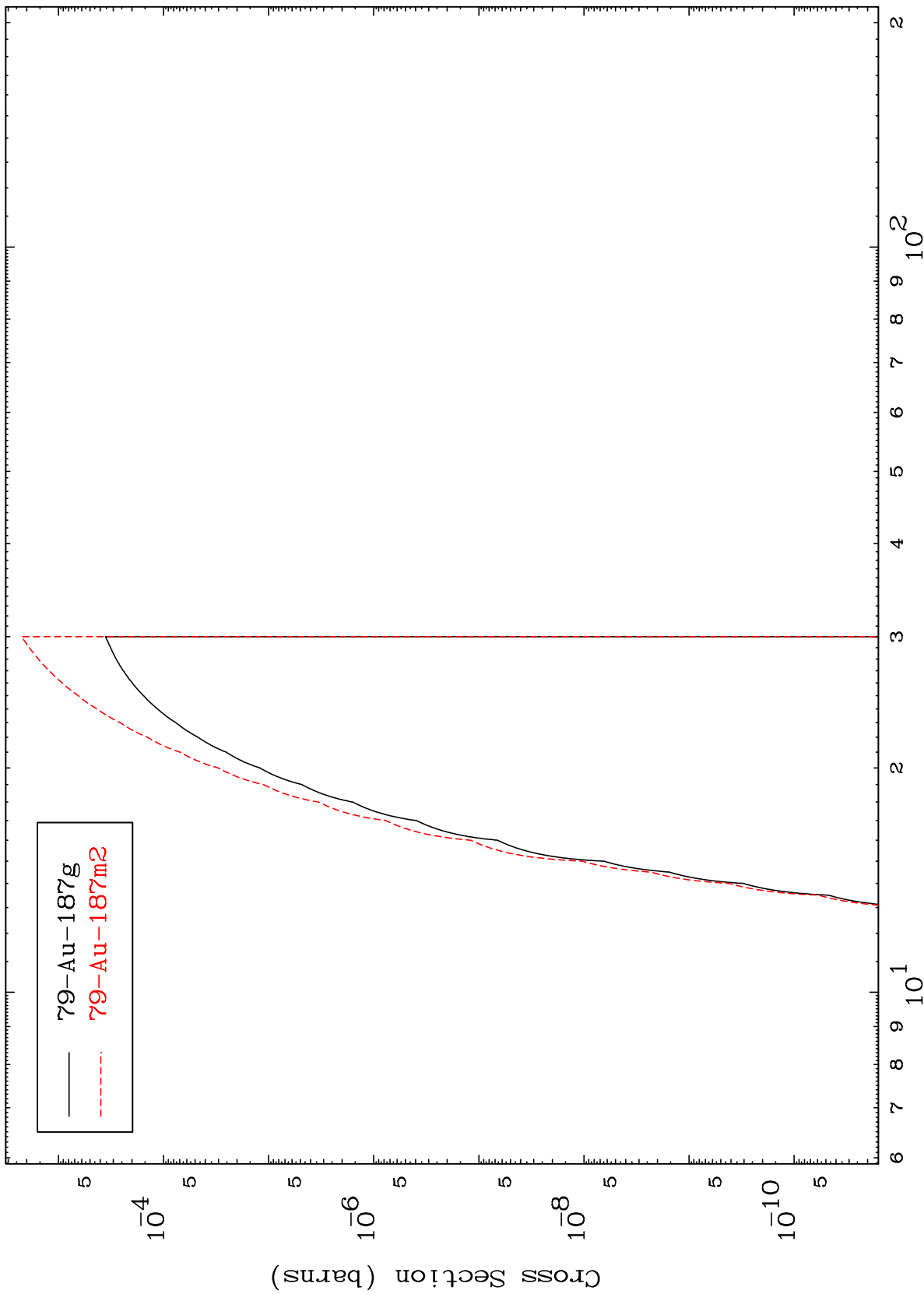


MAT 8083

(n,2n) p

81-Tl-189

Radionuclide Production Cross Section



93

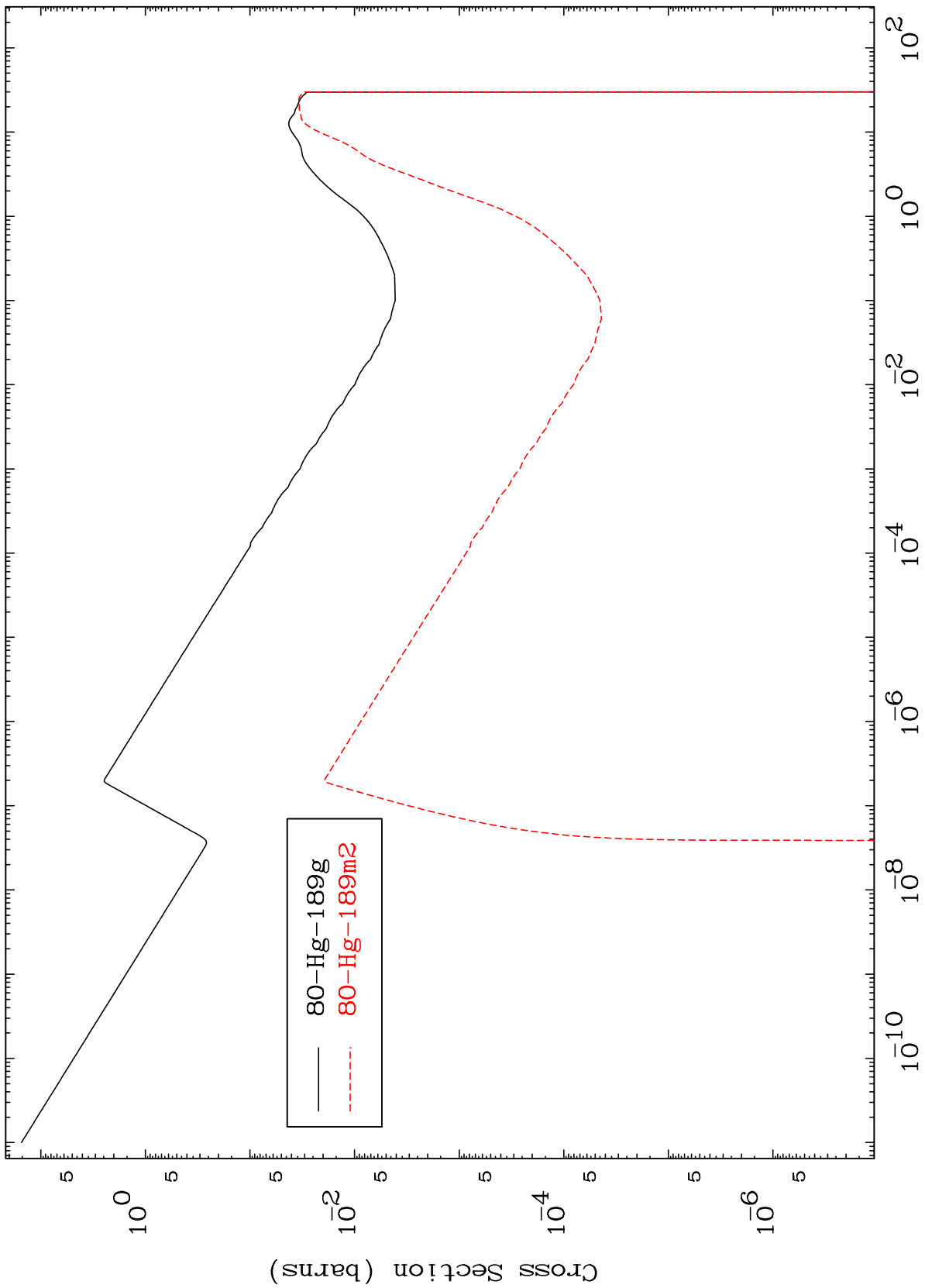
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

(n,p)  
Radionuclide Production Cross Section

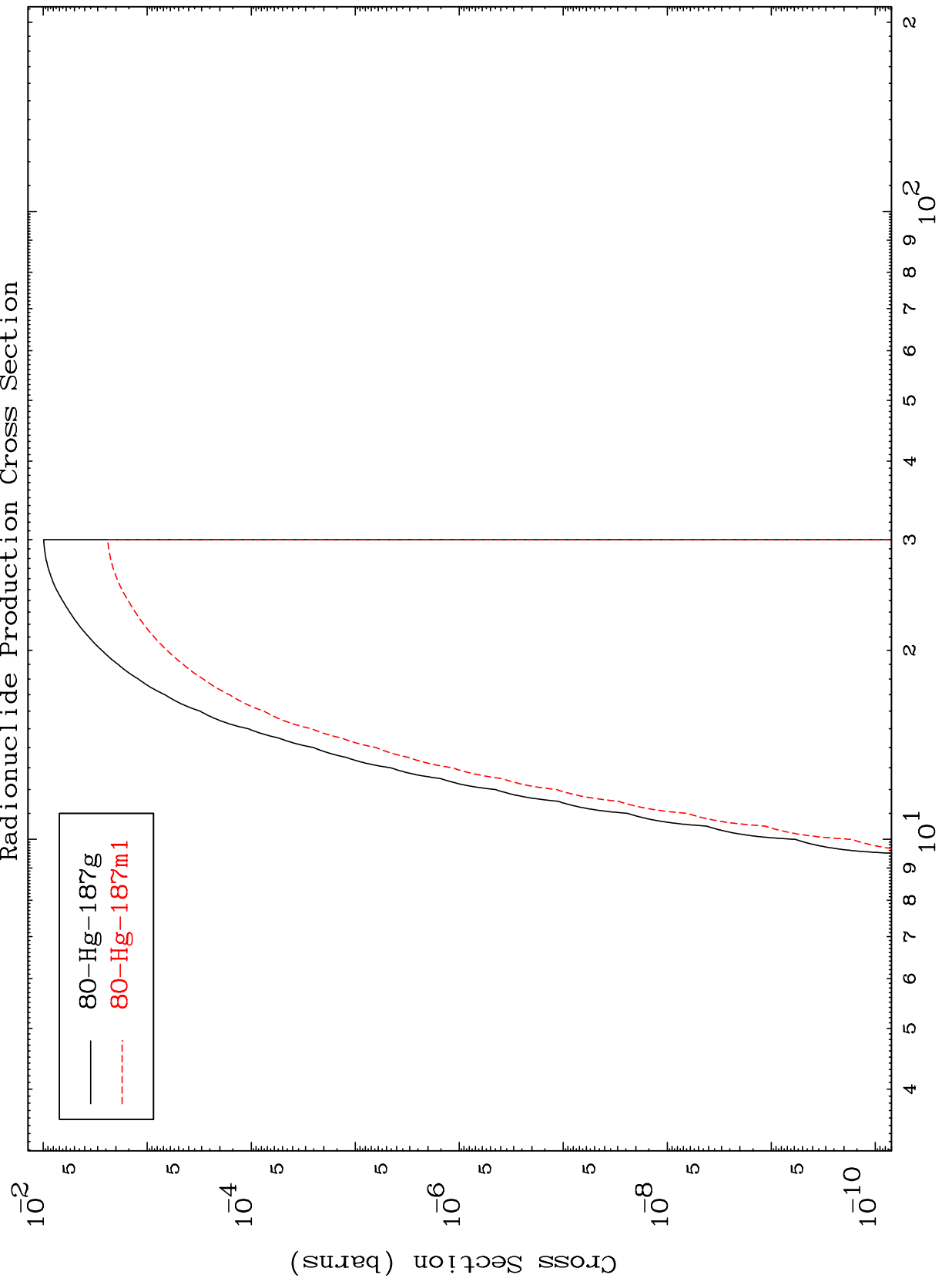


— 80-Hg-189g  
- - - 80-Hg-189m2

MAT 8083

81-Tl-189

Radionuclide Production Cross Section (n, t)



80-Hg-187g  
80-Hg-187m1

95

Incident Energy (MeV)

81-Tl-189

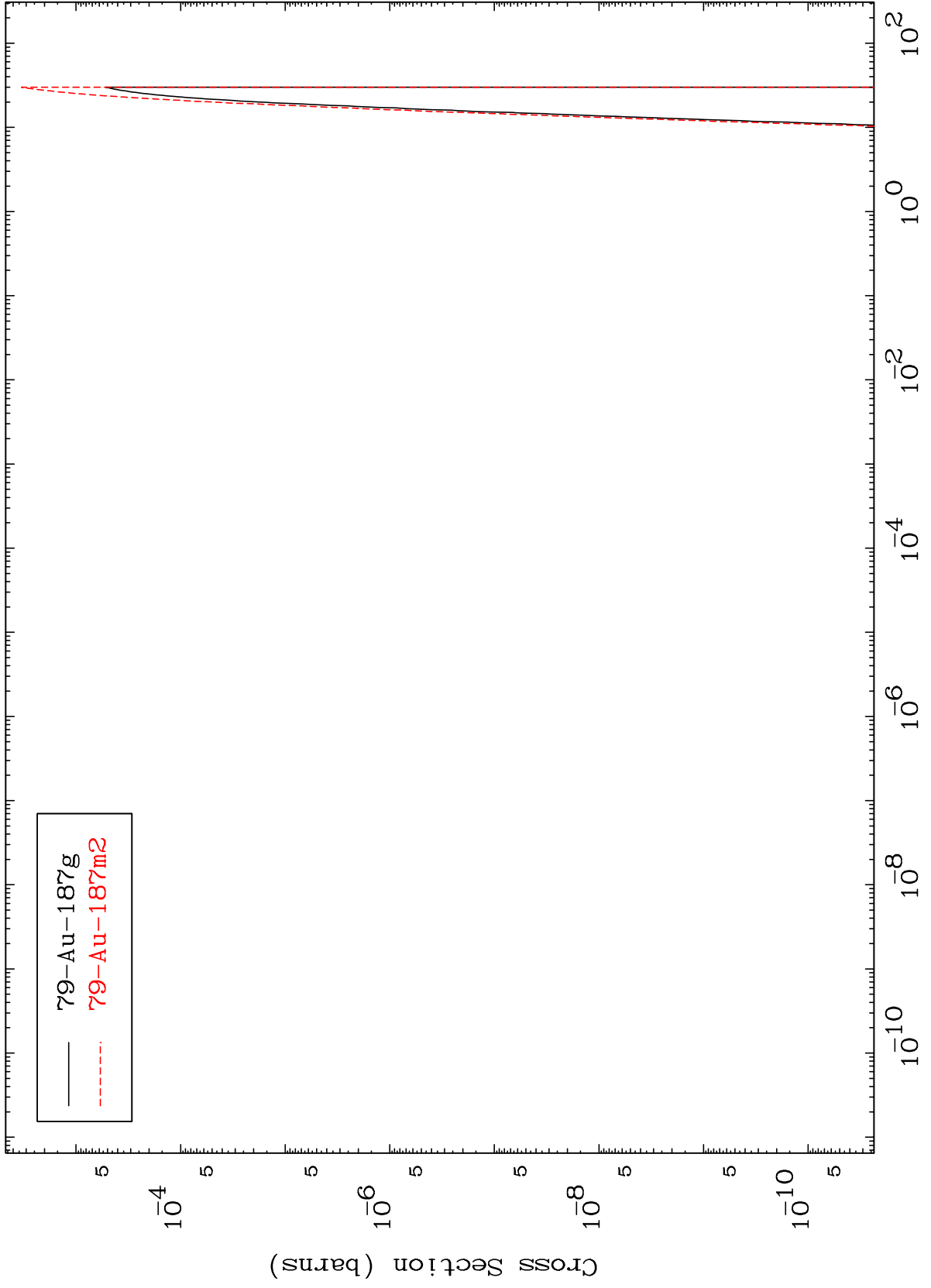


MAT 8083

(n,He-3)

81-Tl-189

Radionuclide Production Cross Section

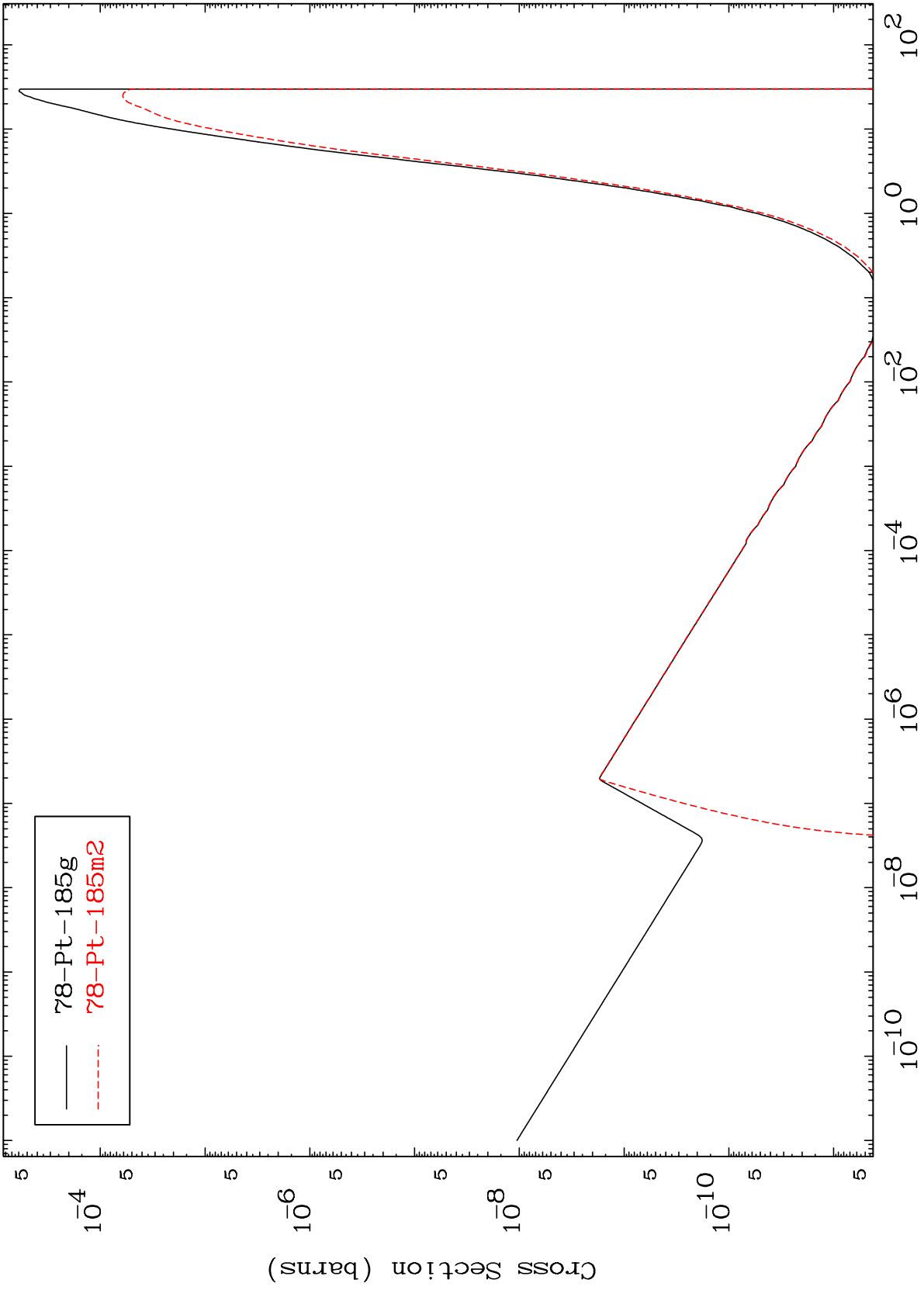


MAT 8083

(n,p)  $\alpha$

81-Tl-189

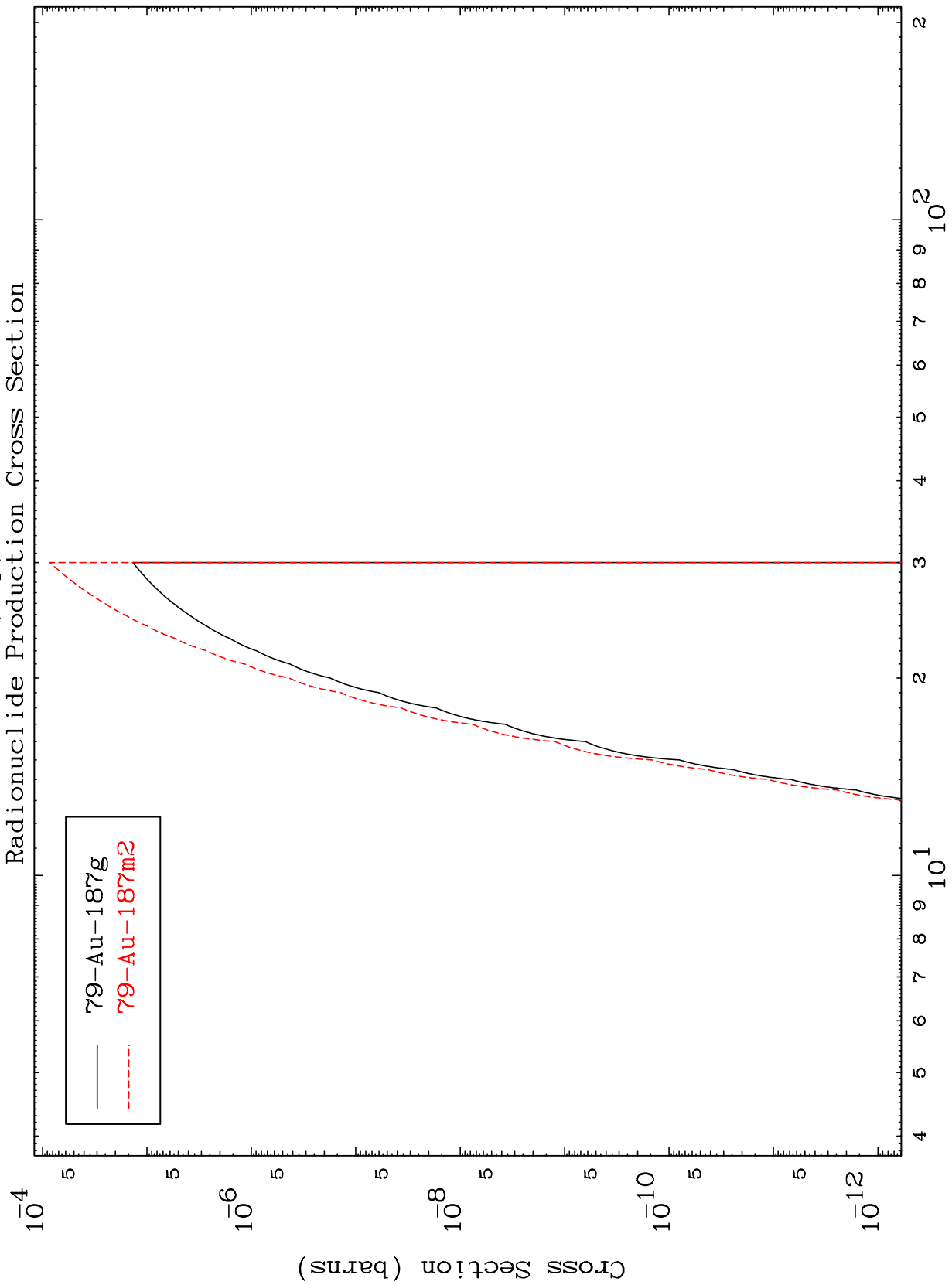
Radionuclide Production Cross Section



MAT 8083

(n,p) d

81-Tl-189



98

Incident Energy (MeV)

81-Tl-189