

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

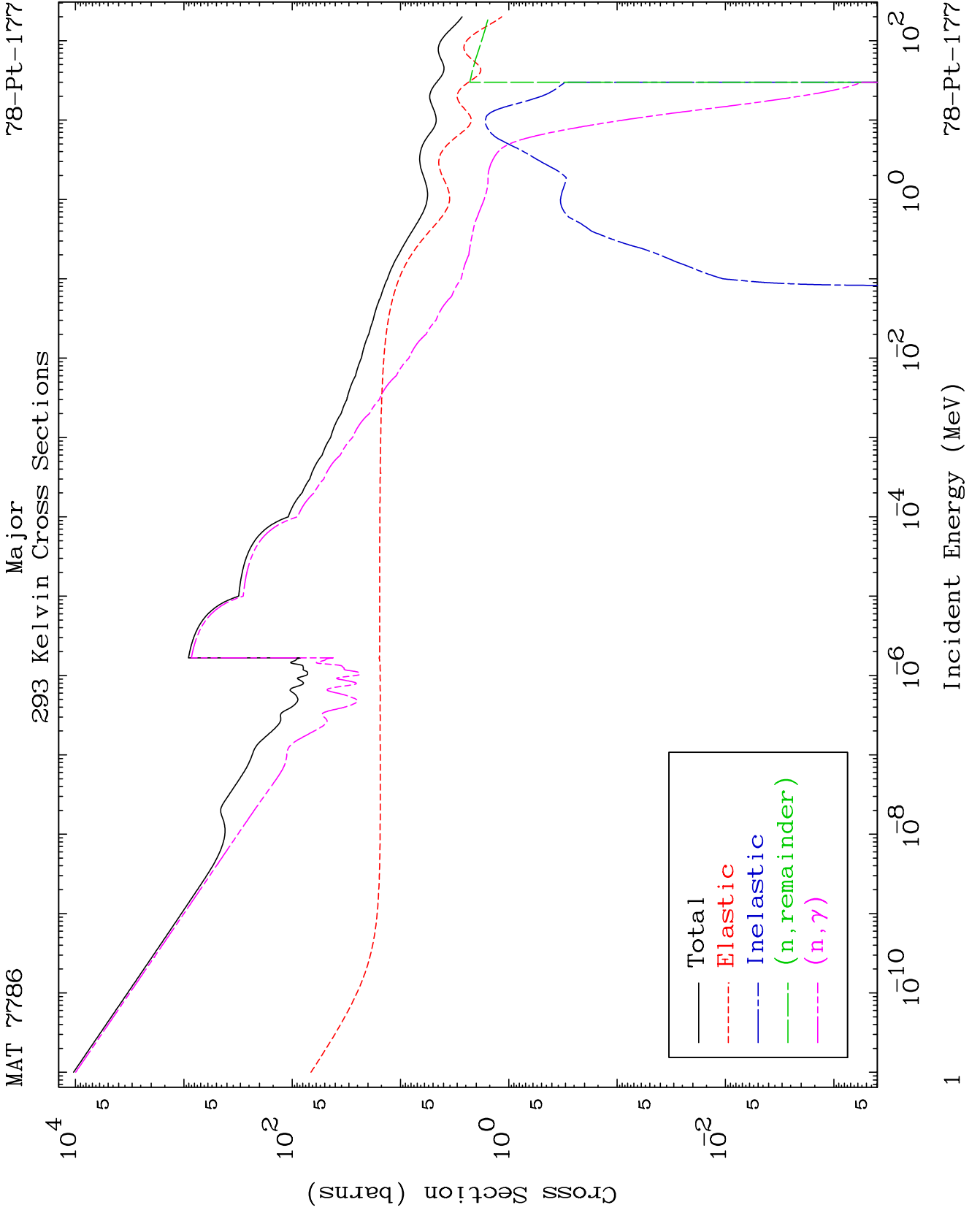
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

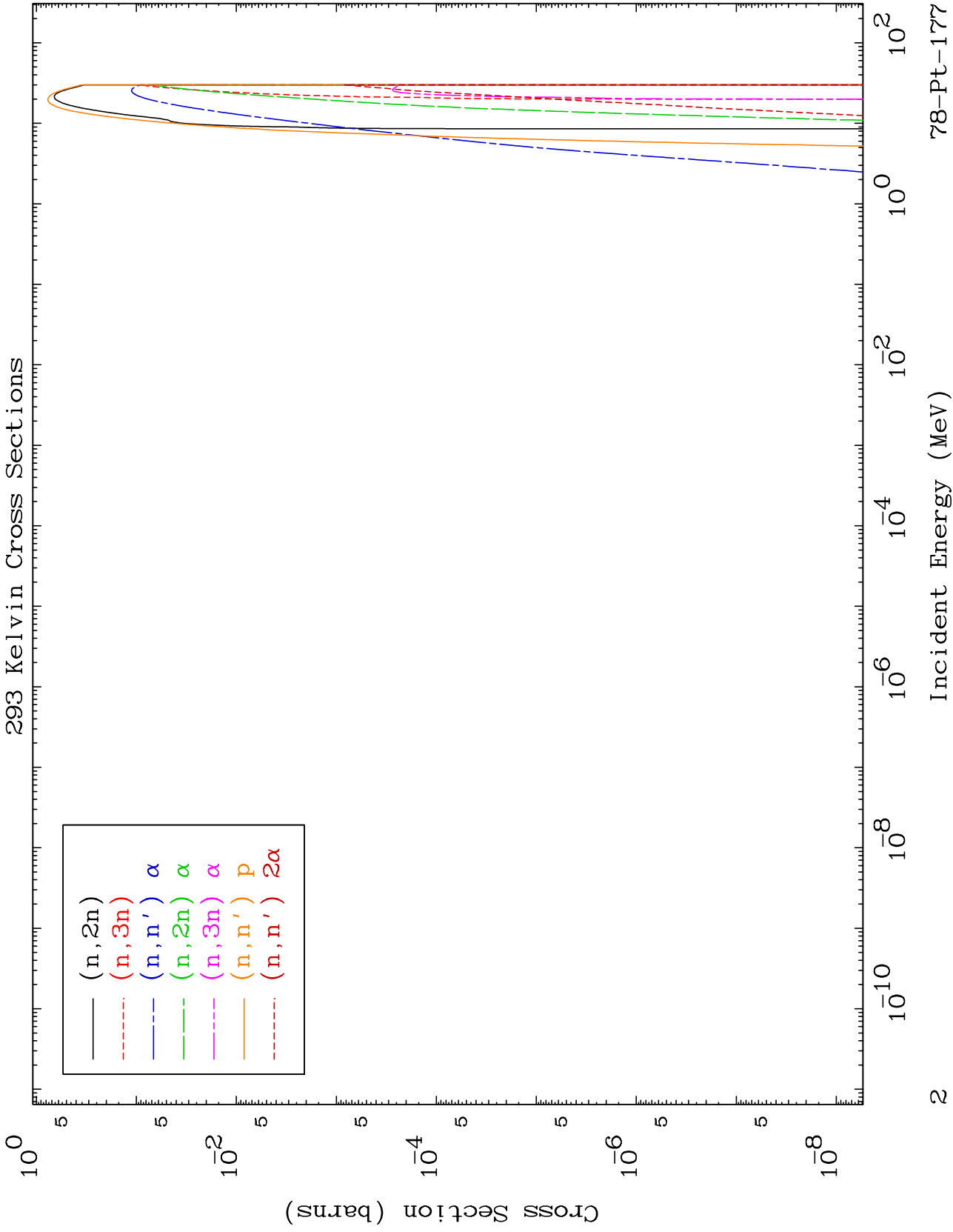
Press Mouse Button to Start



MAT 7786

Neutron Production  
293 Kelvin Cross Sections

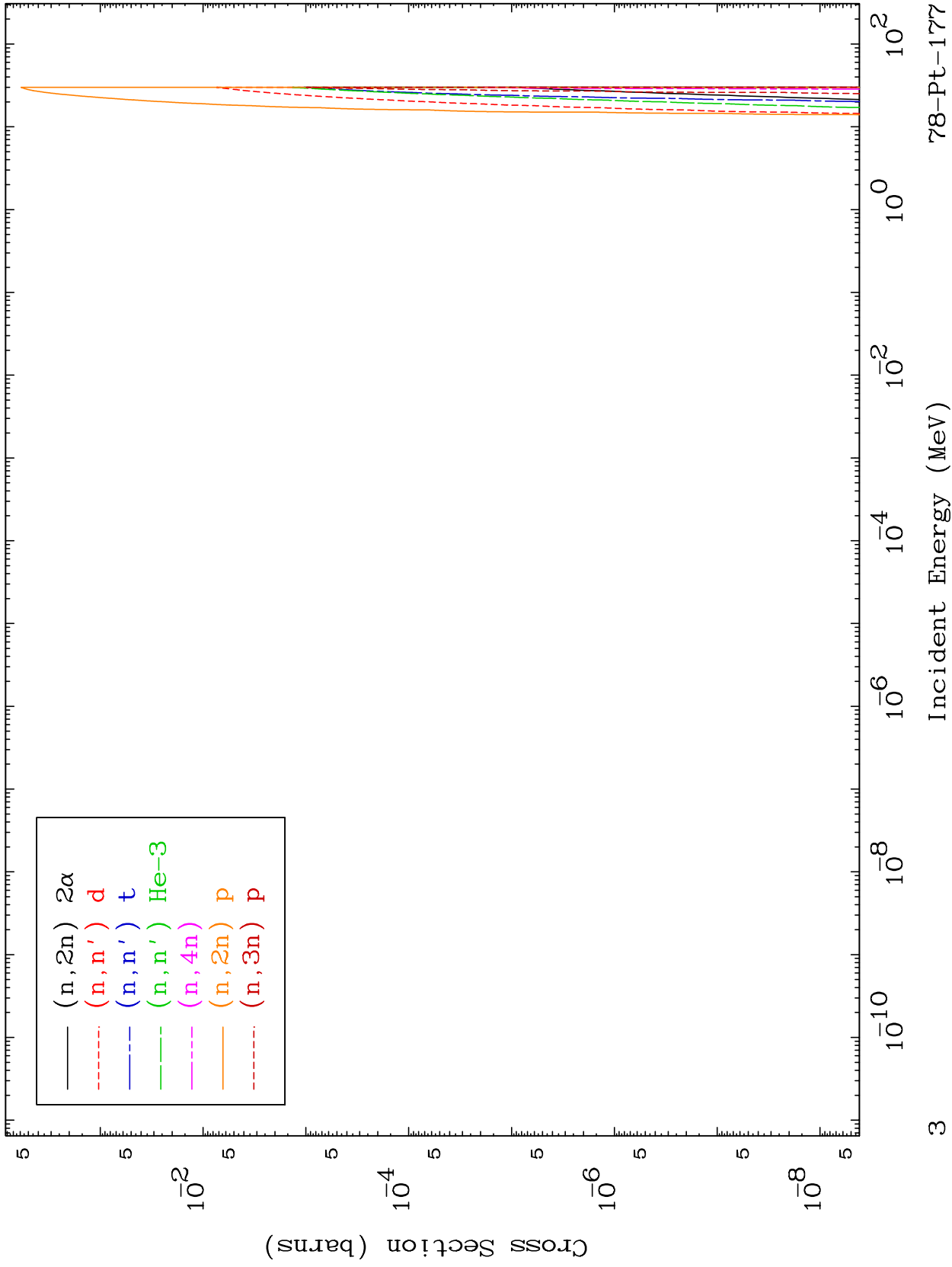
78-Pt-177



MAT 7786

Neutron Production  
293 Kelvin Cross Sections

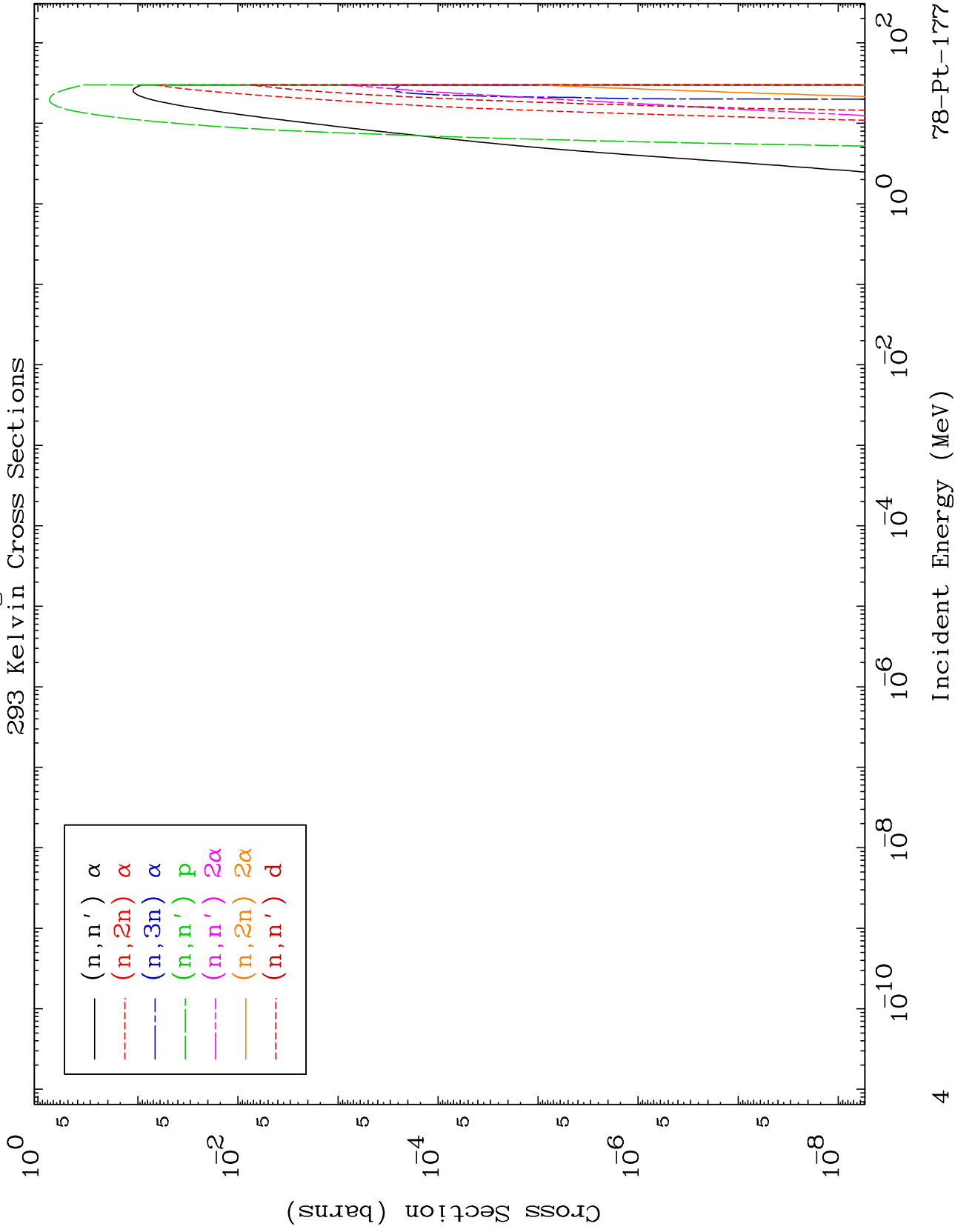
78-Pt-177

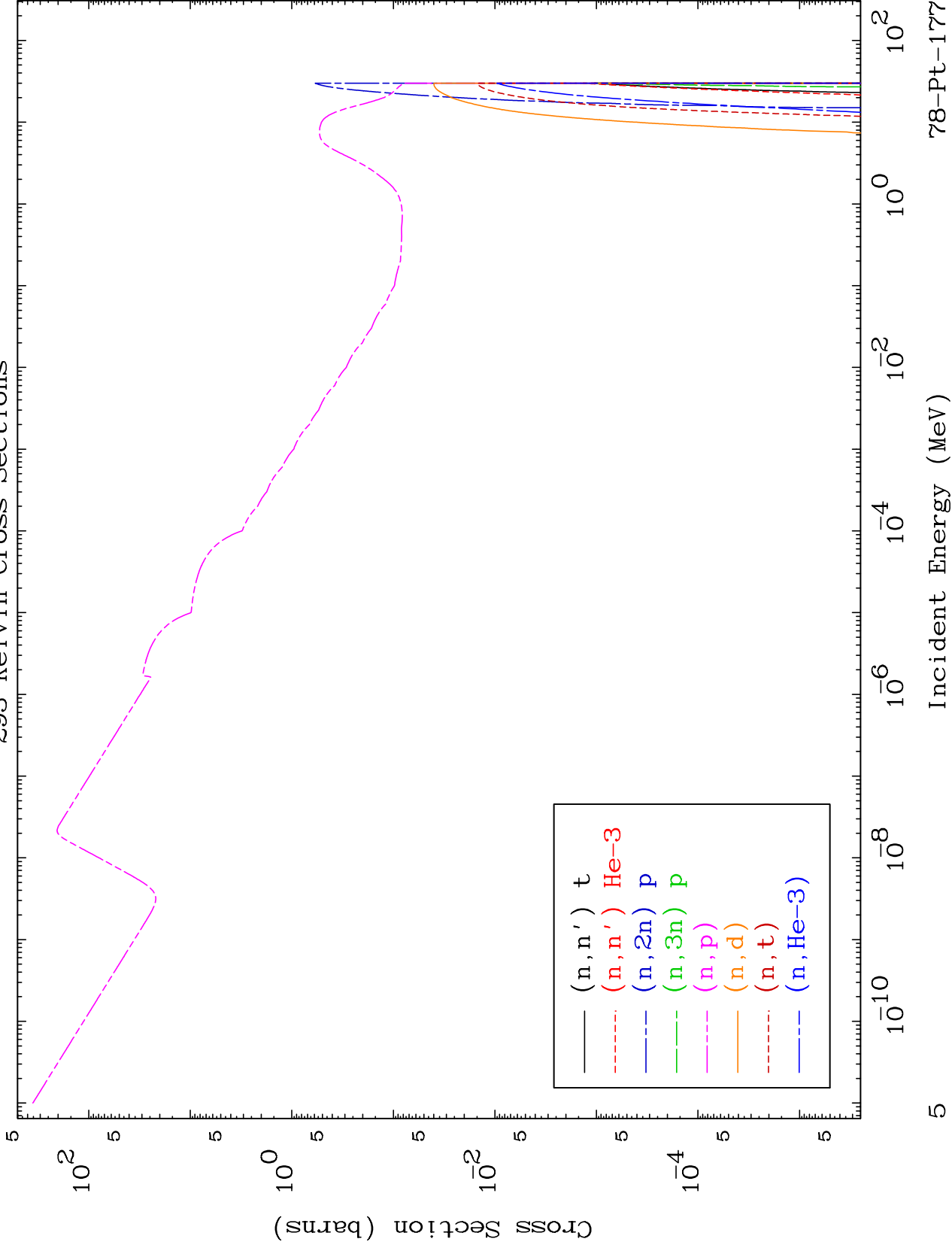


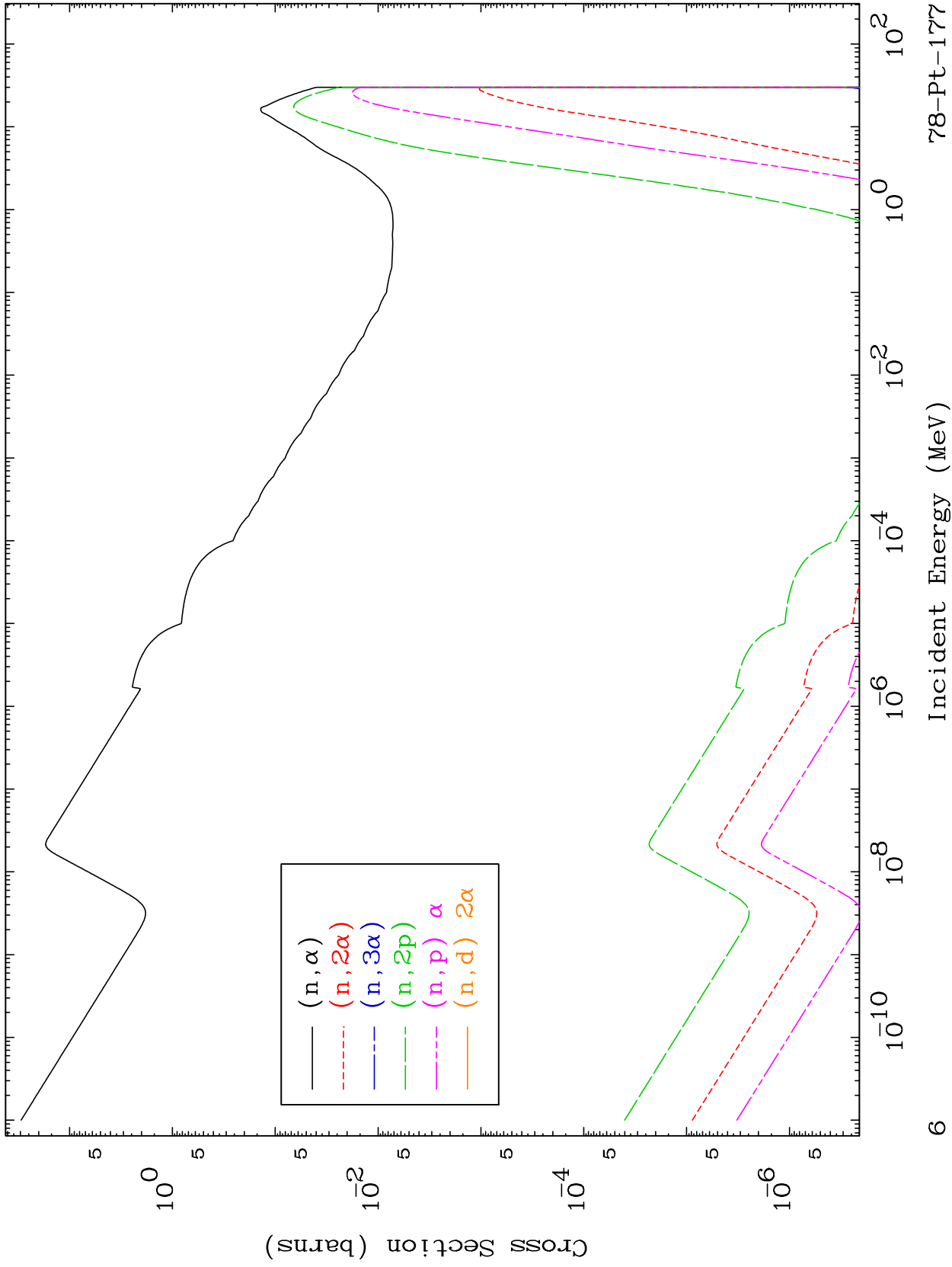
MAT 7786

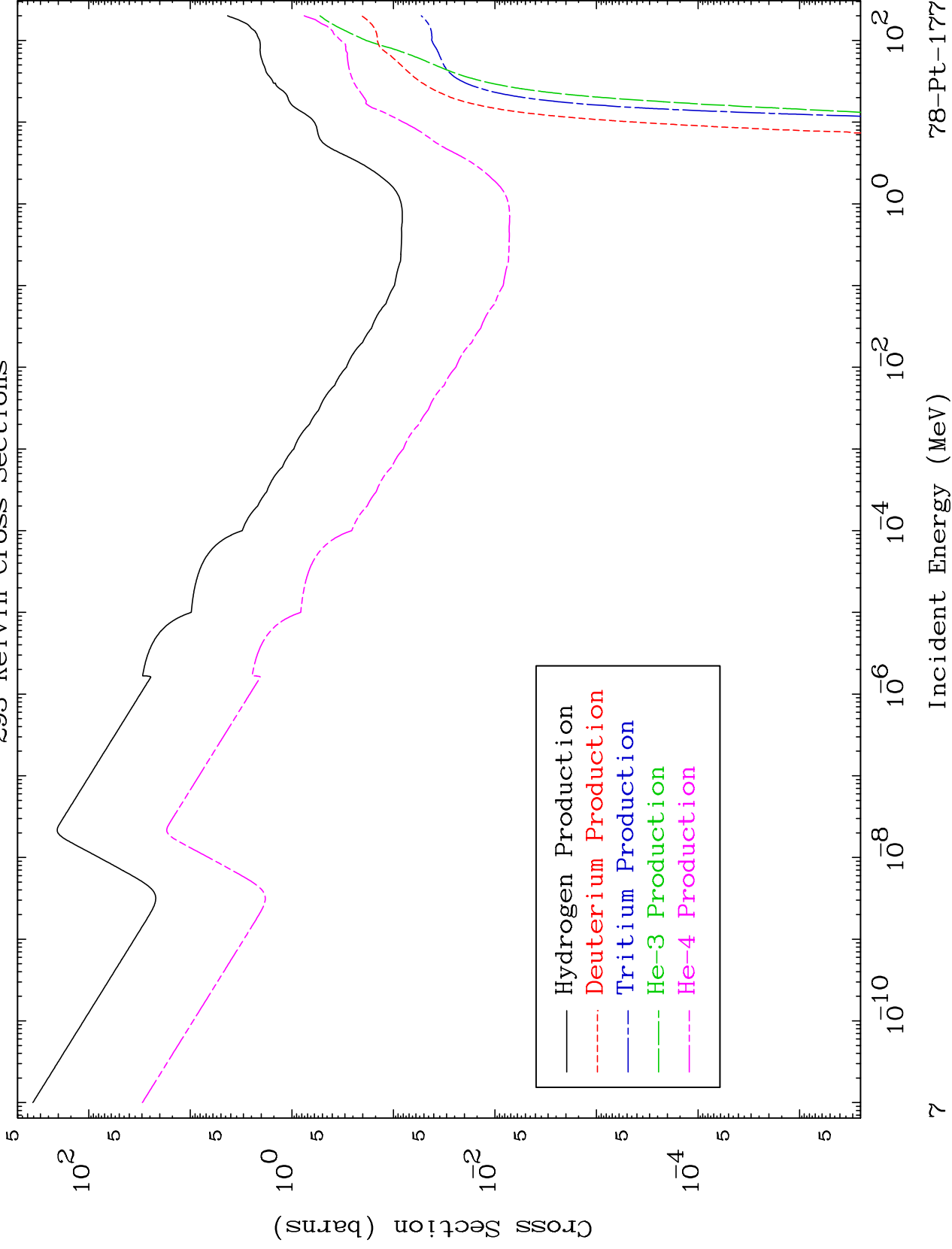
Charged Particle  
293 Kelvin Cross Sections

78-Pt-177







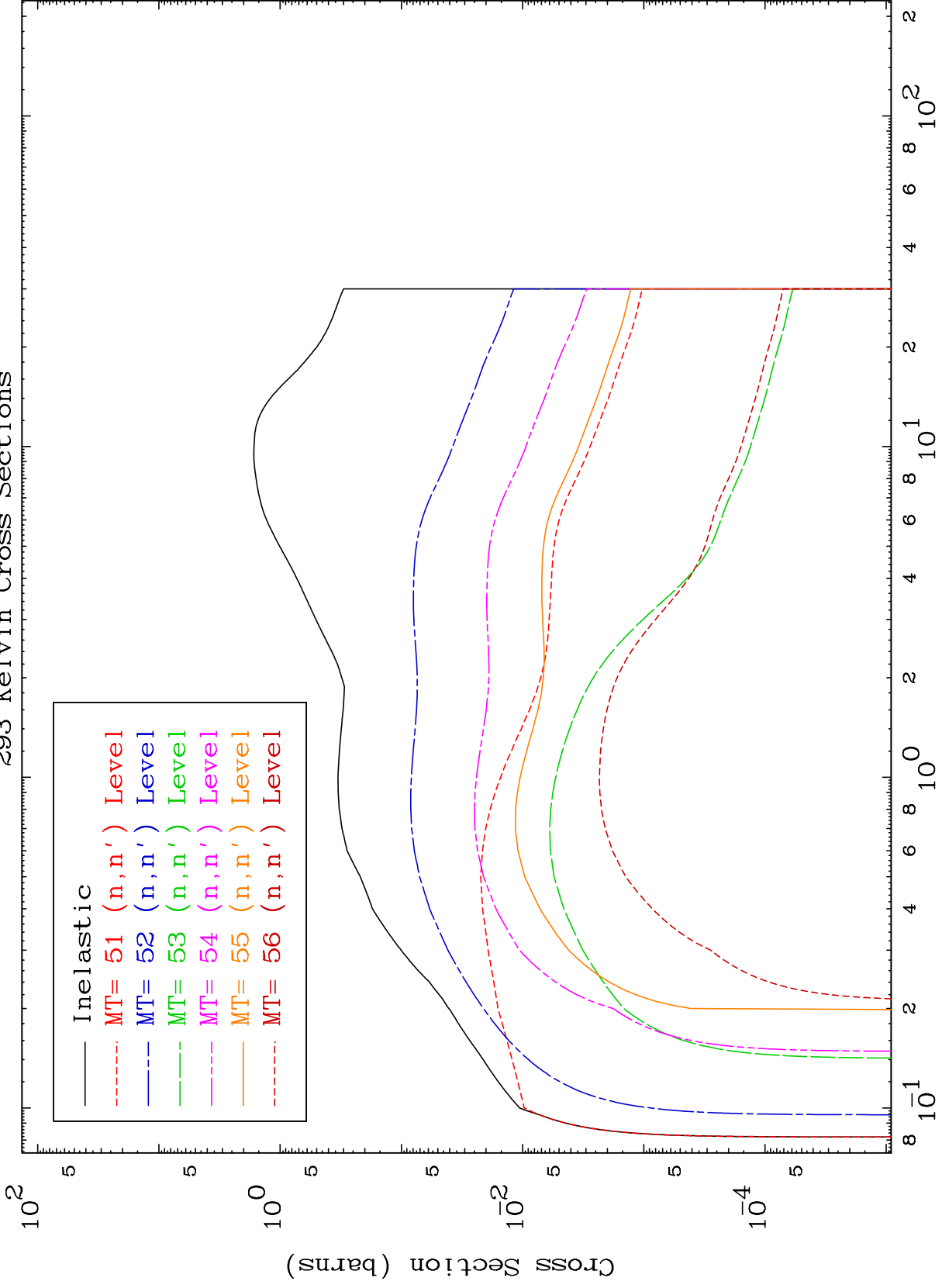




MAT 7786

293 Kelvin Cross Sections

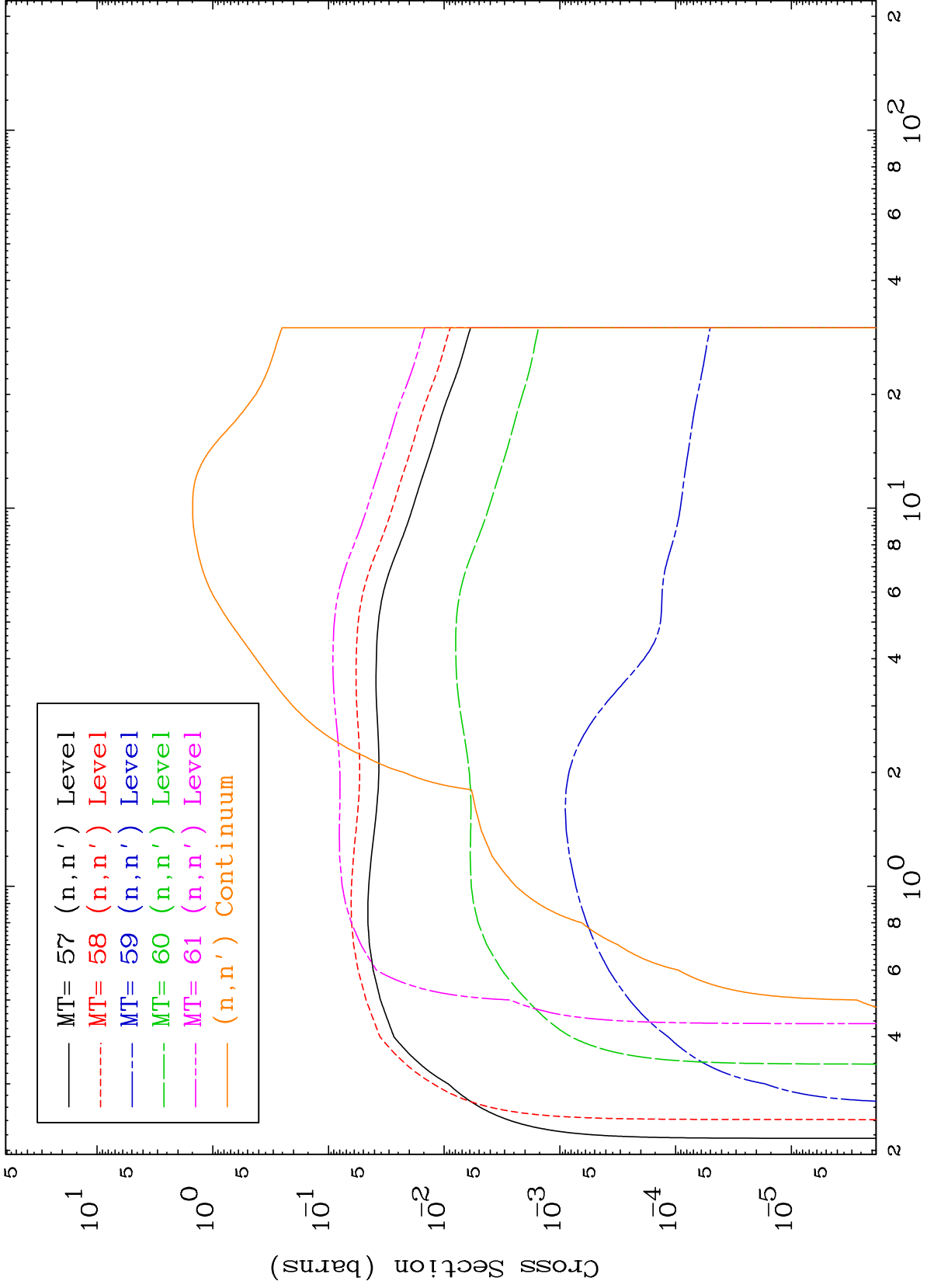
78-Pt-177



Incident Energy (MeV)

78-Pt-177

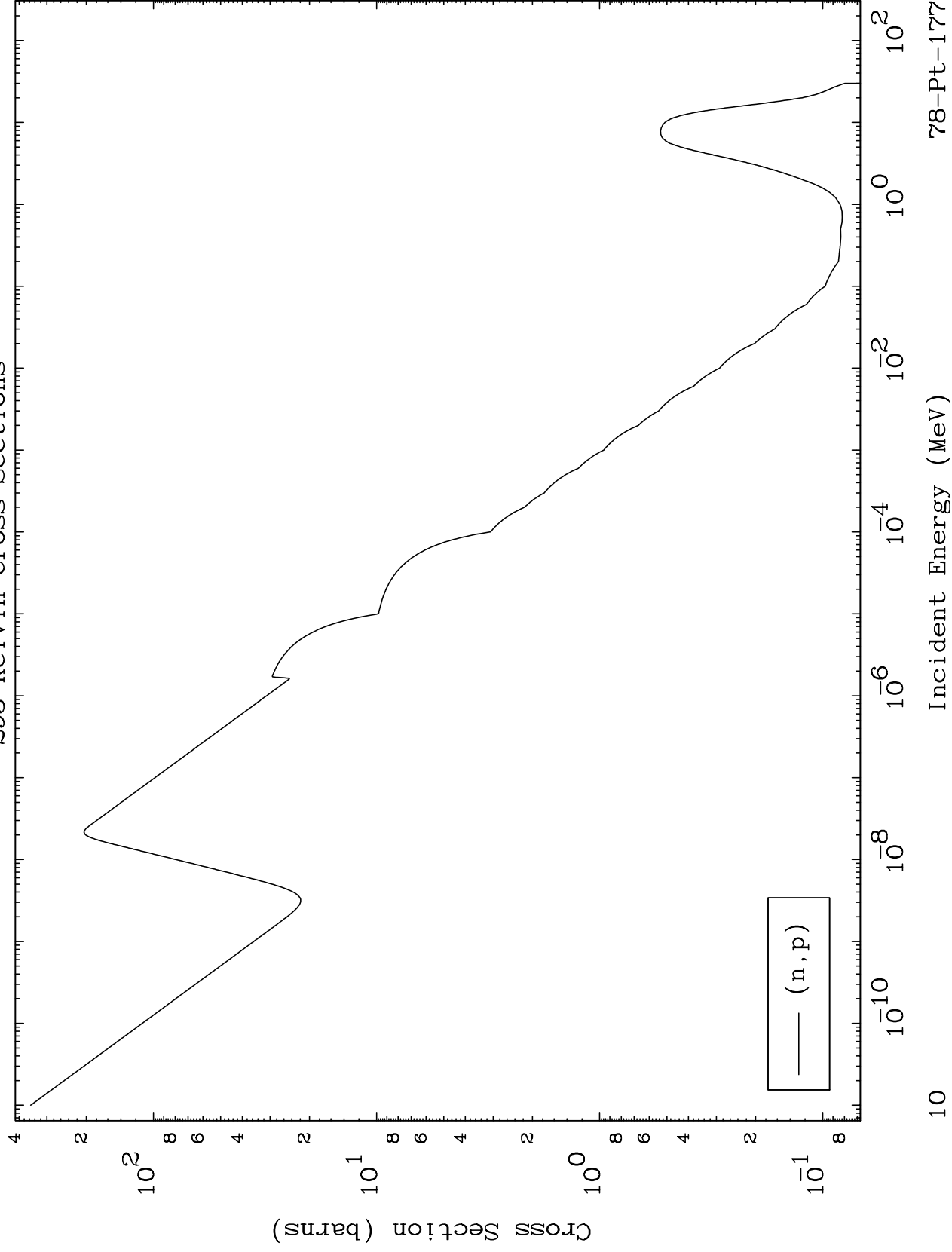
8



MAT 7786

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-177



10

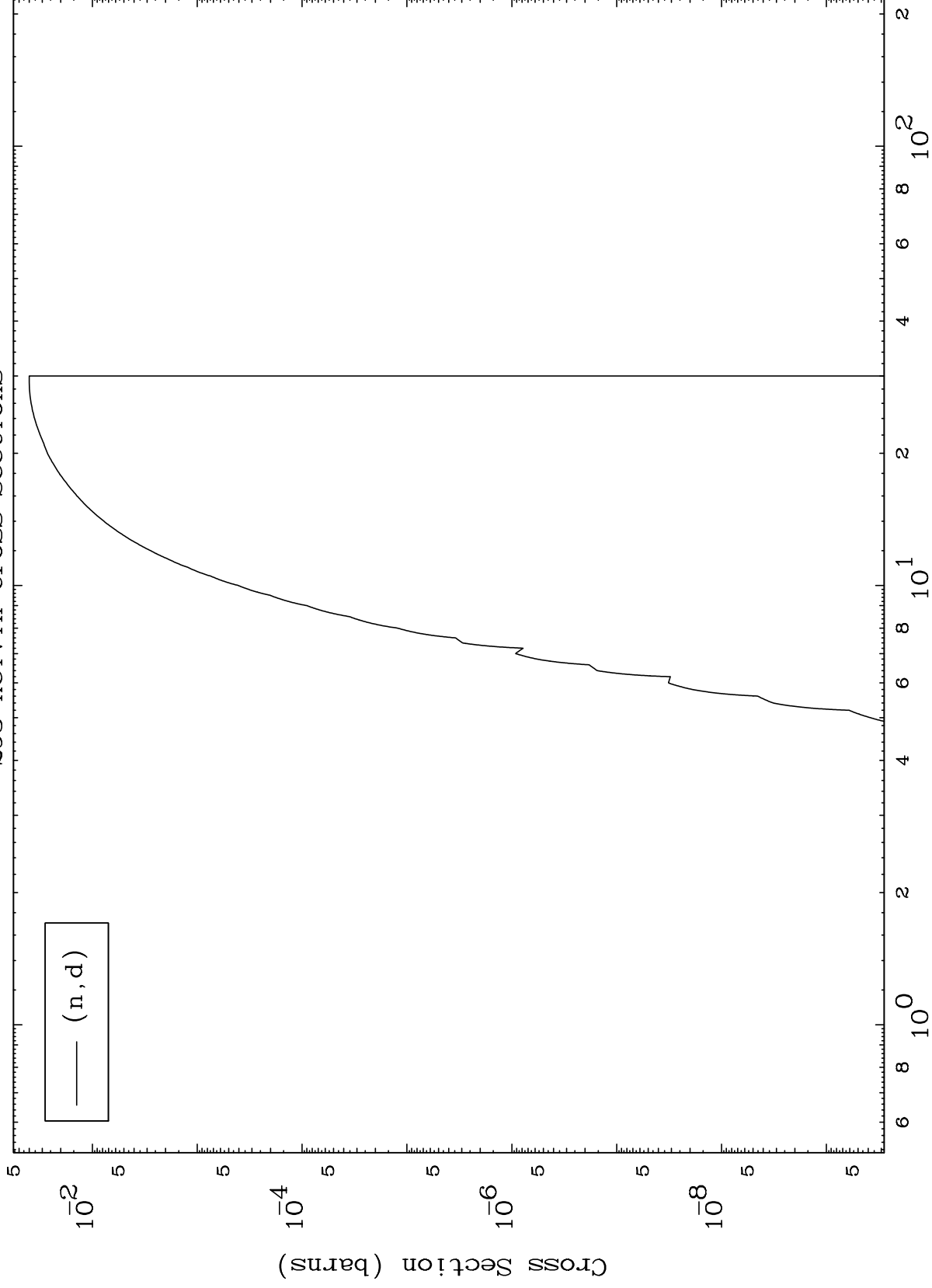
Incident Energy (MeV)

78-Pt-177

MAT 7786

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-177



11

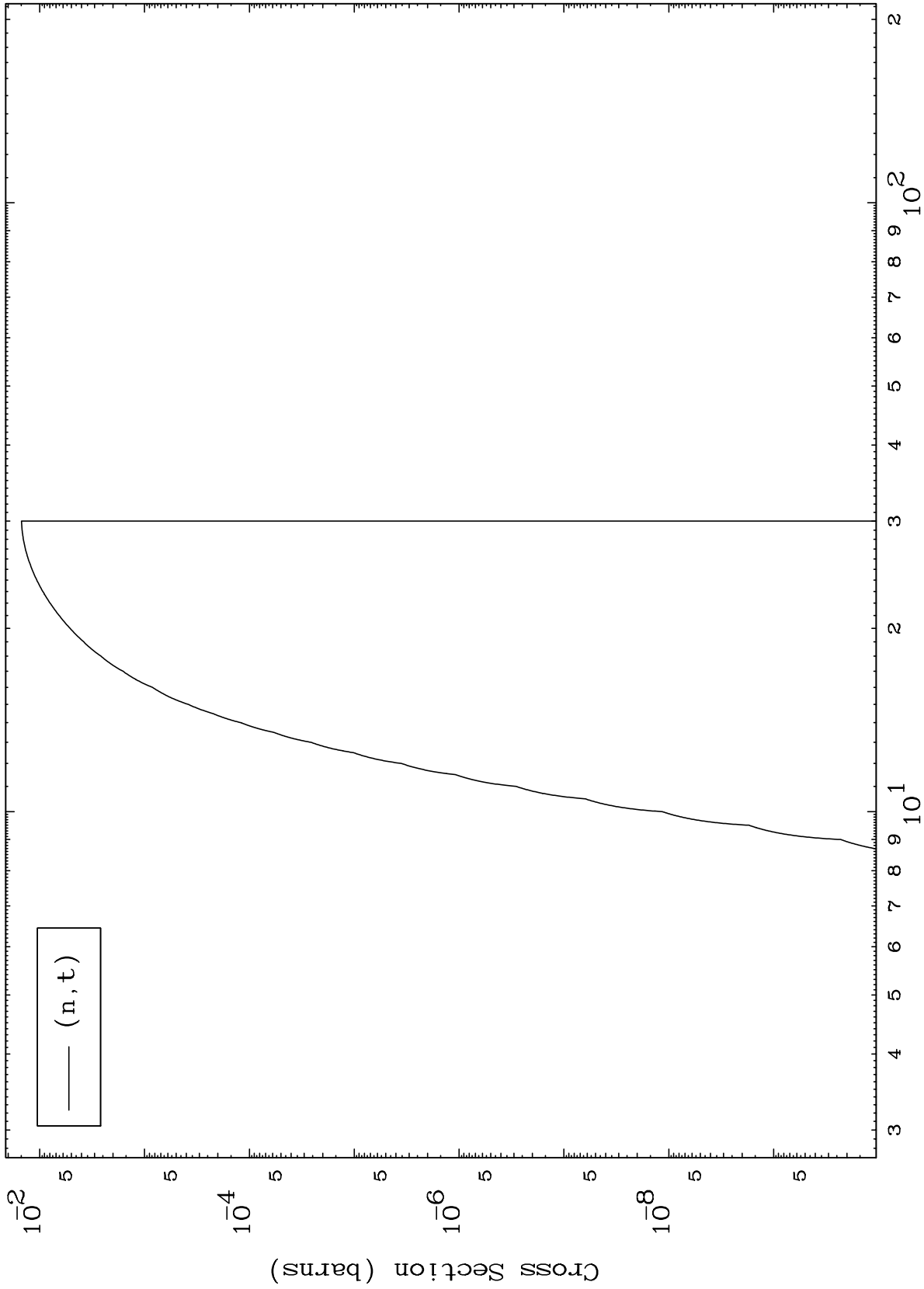
Incident Energy (MeV)

78-Pt-177

MAT 7786

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-177



12

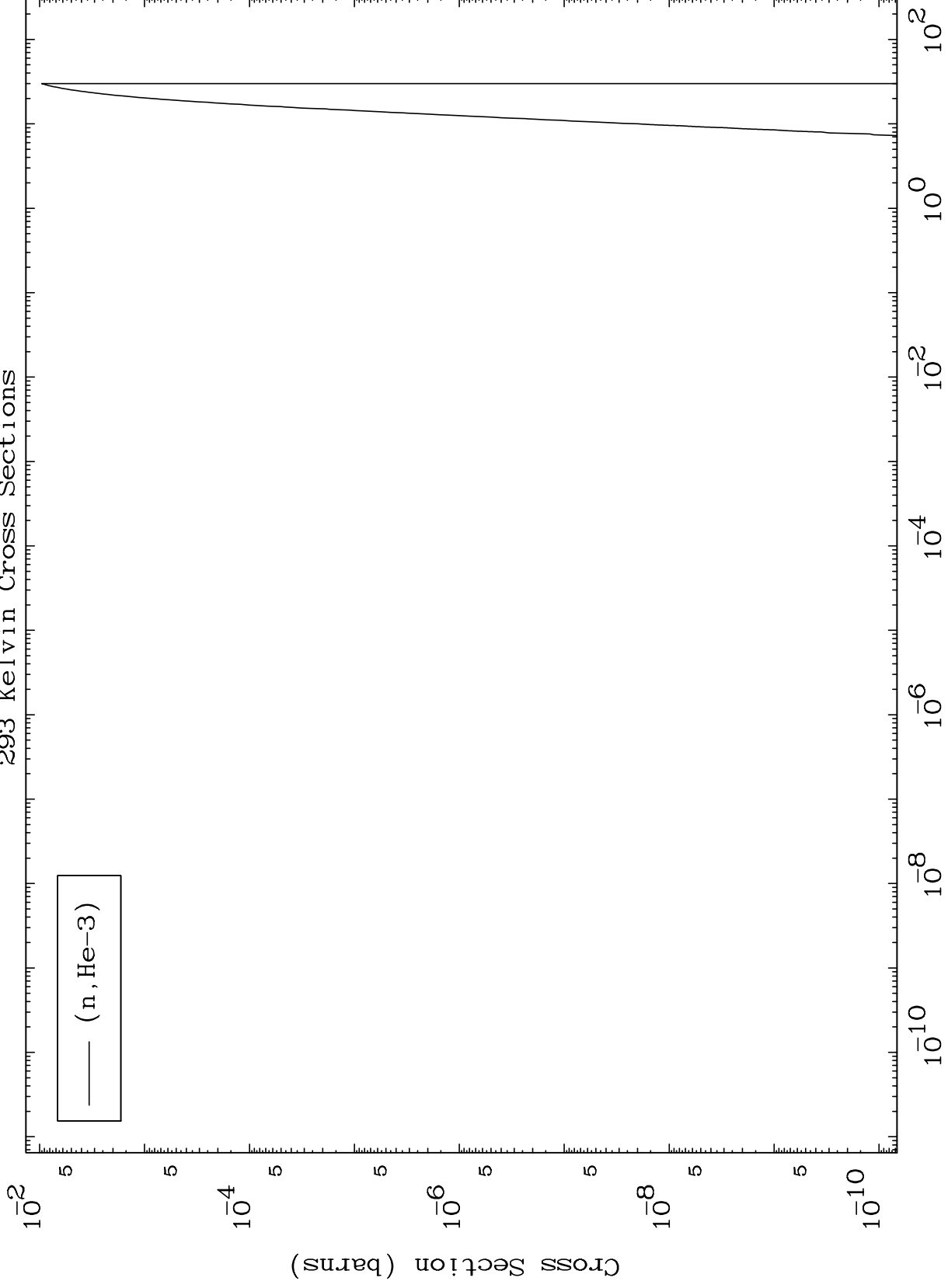
Incident Energy (MeV)

78-Pt-177

MAT 7786

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-177



13

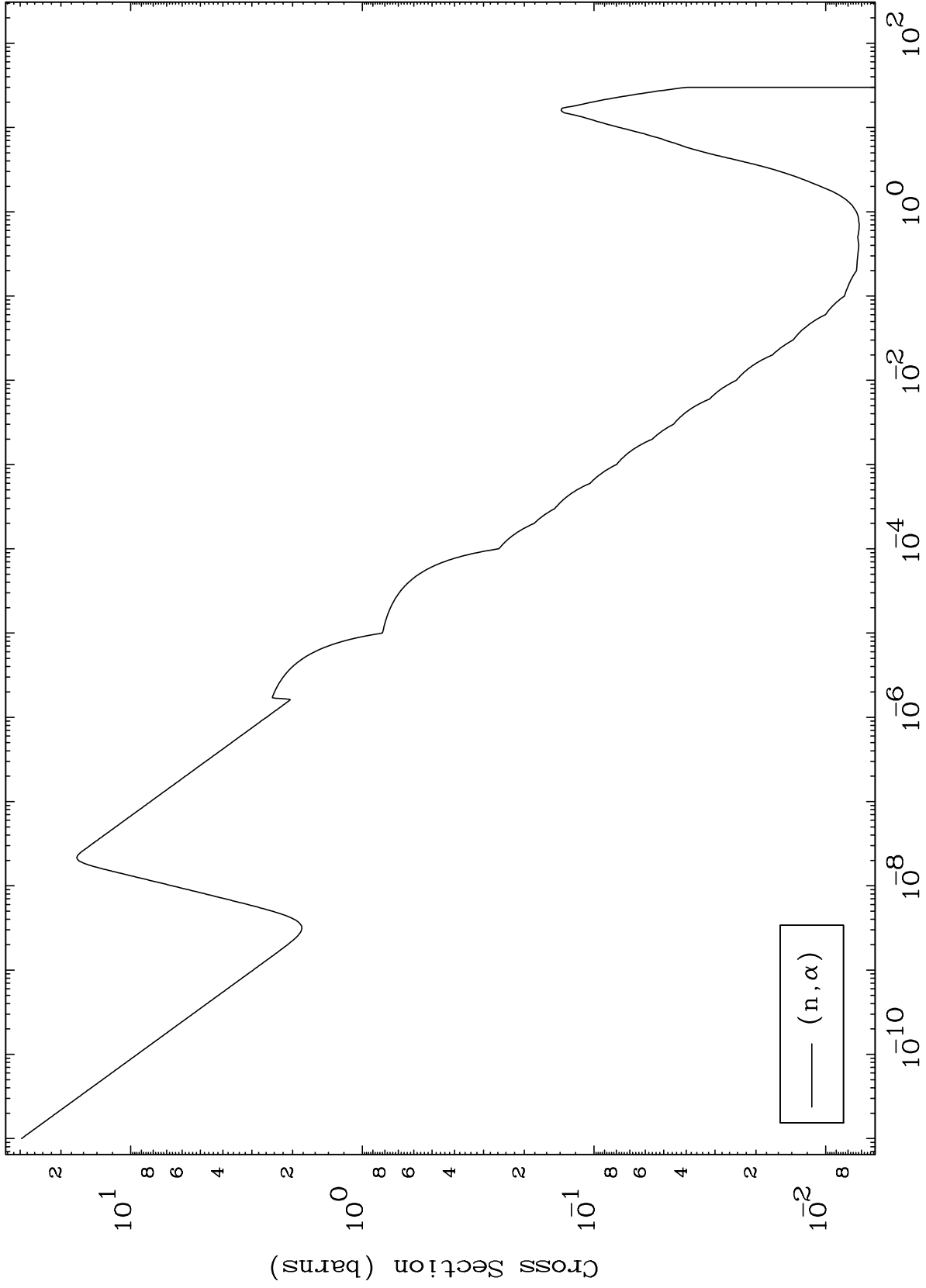
Incident Energy (MeV)

78-Pt-177

MAT 7786

(n,α) Levels  
293 Kelvin Cross Sections

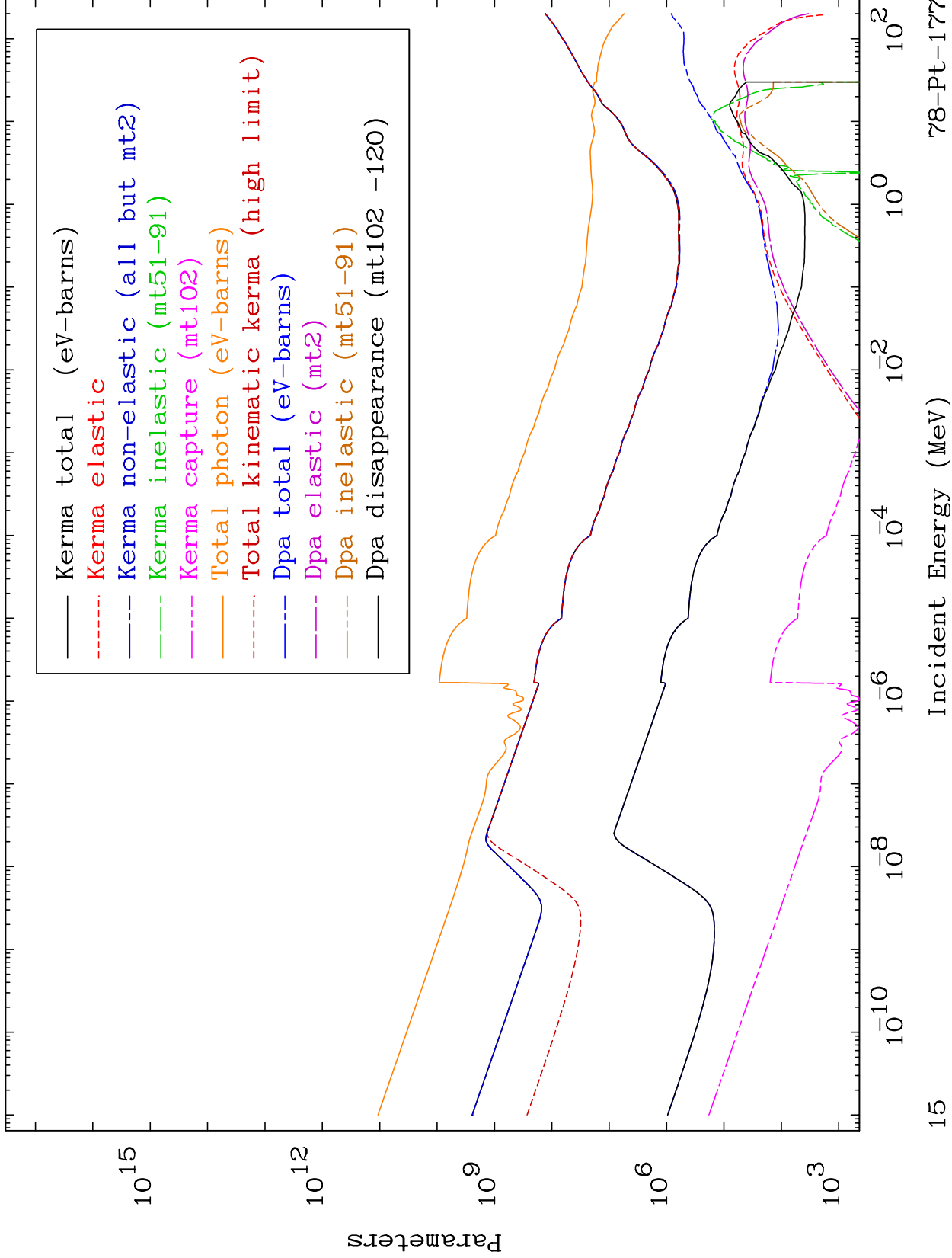
78-Pt-177



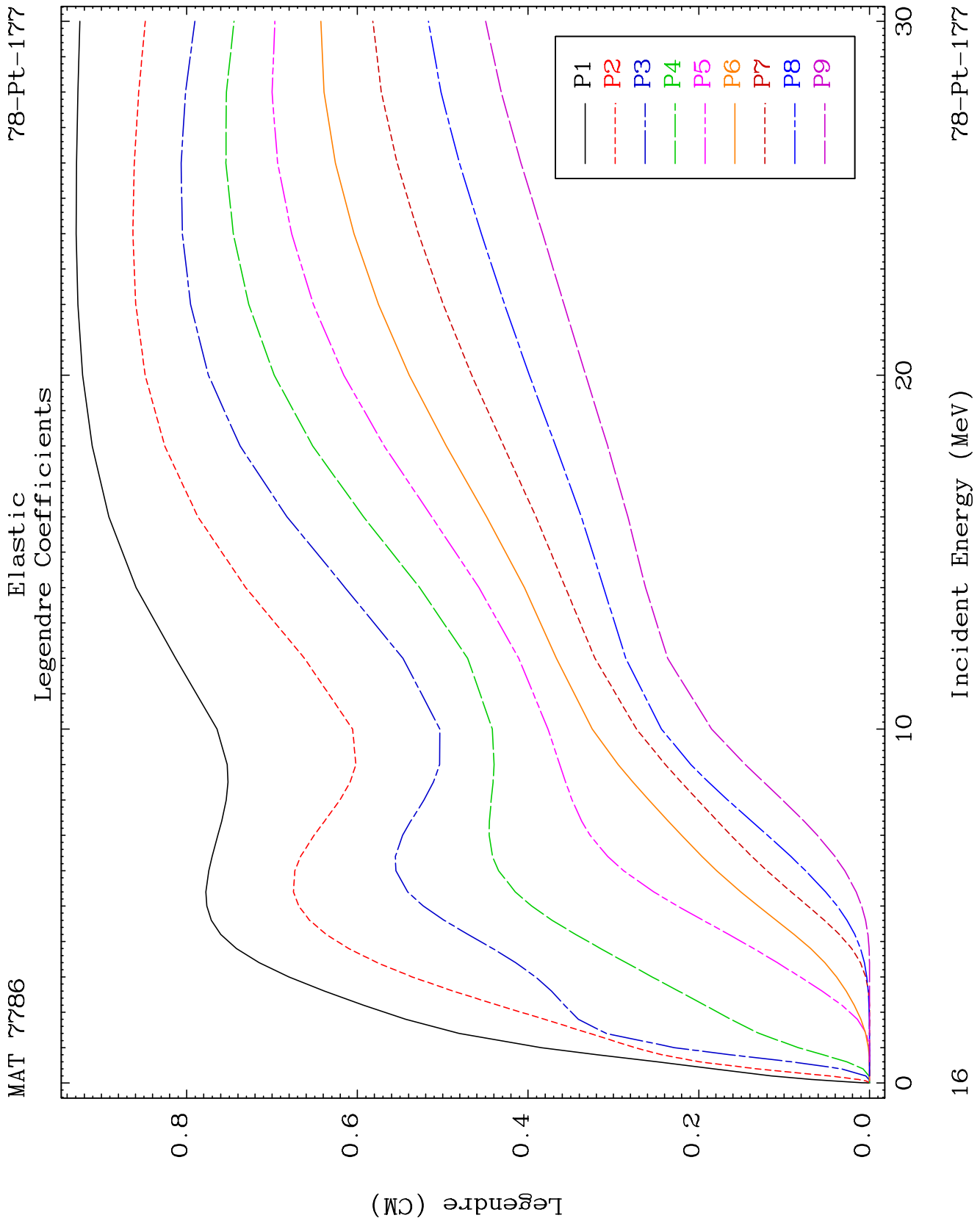
14

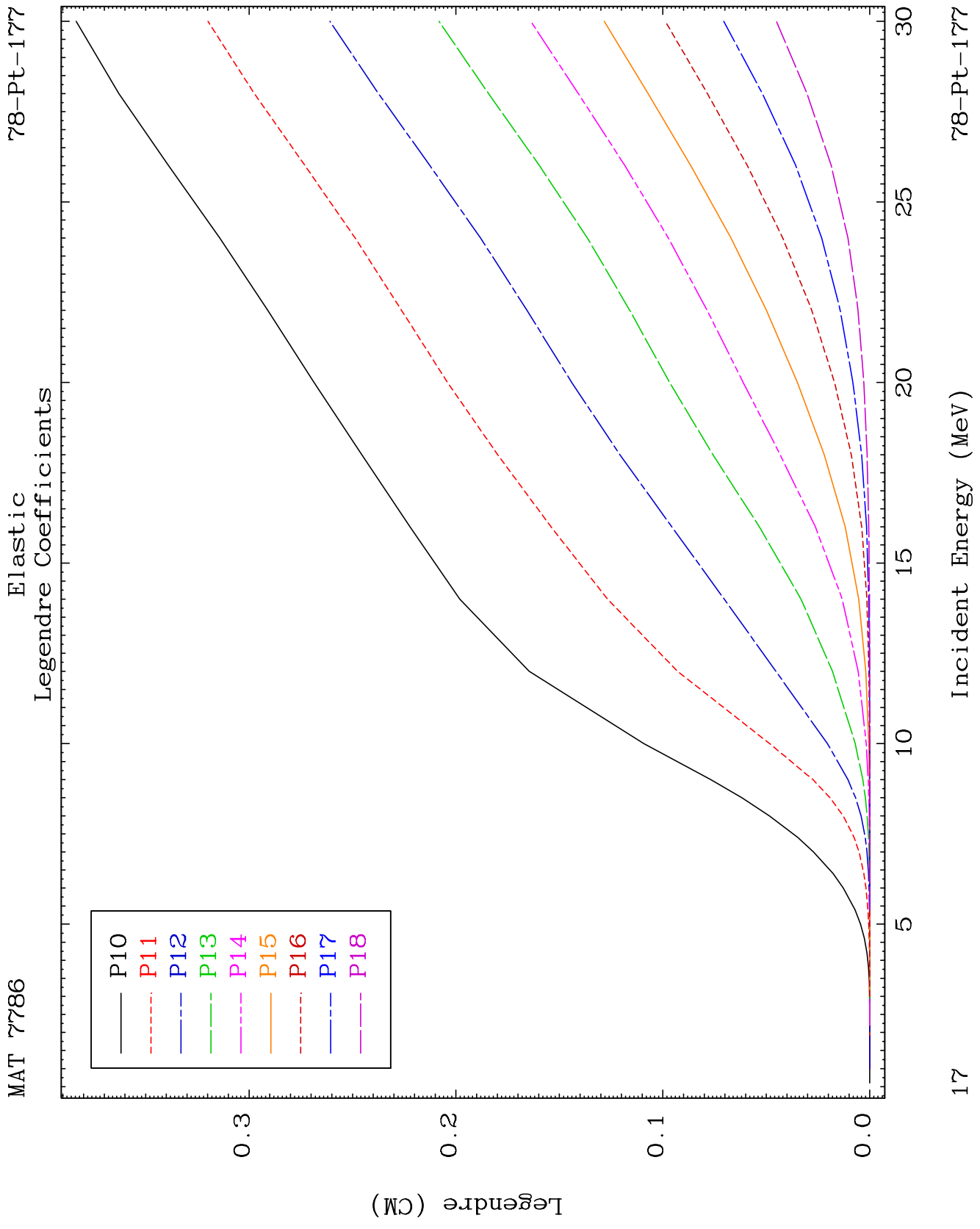
Incident Energy (MeV)

78-Pt-177





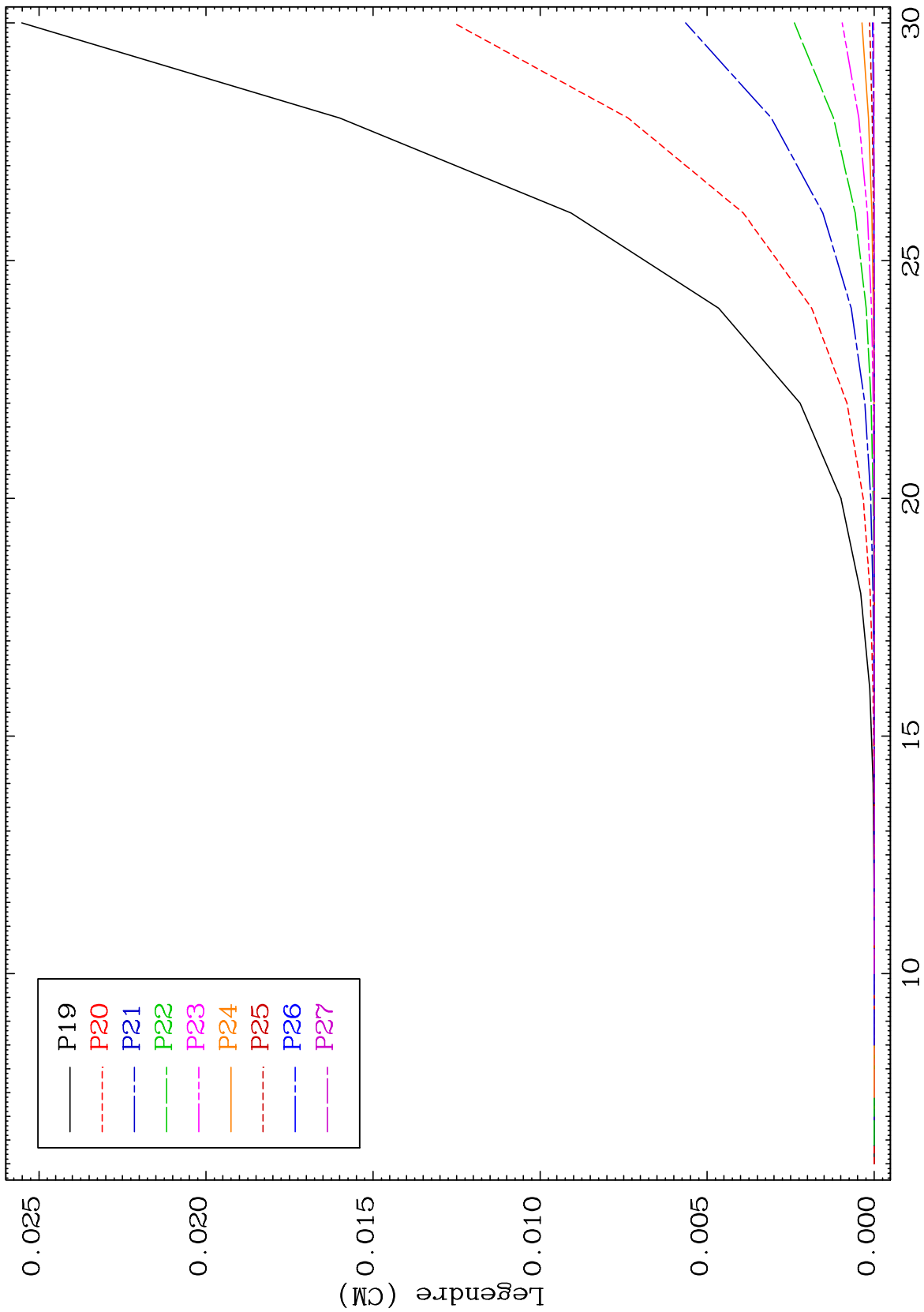




MAT 7786

### Elastic Legendre Coefficients

78-Pt-177



18

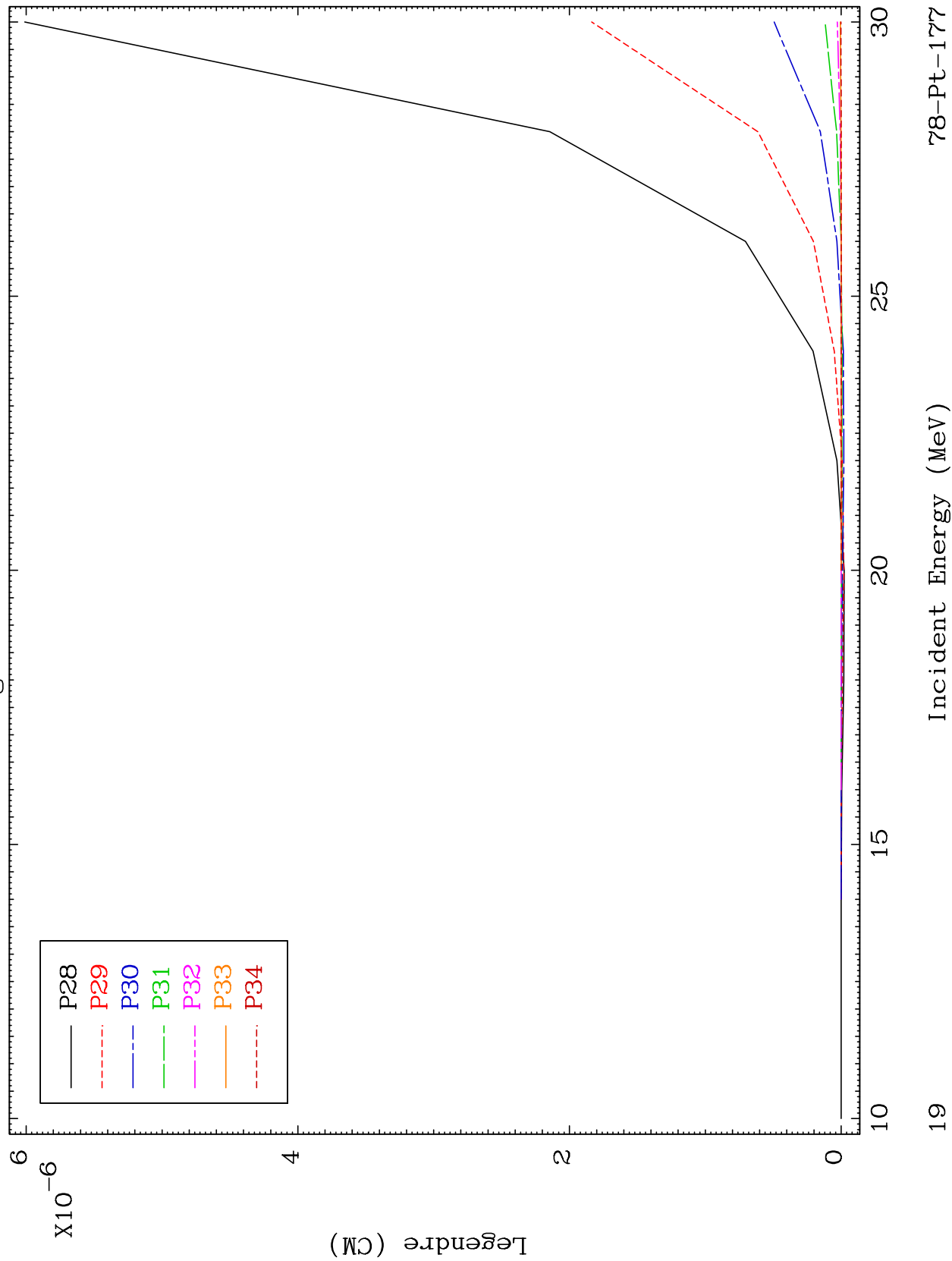
Incident Energy (MeV)

78-Pt-177

MAT 7786

Elastic  
Legendre Coefficients

78-Pt-177



19

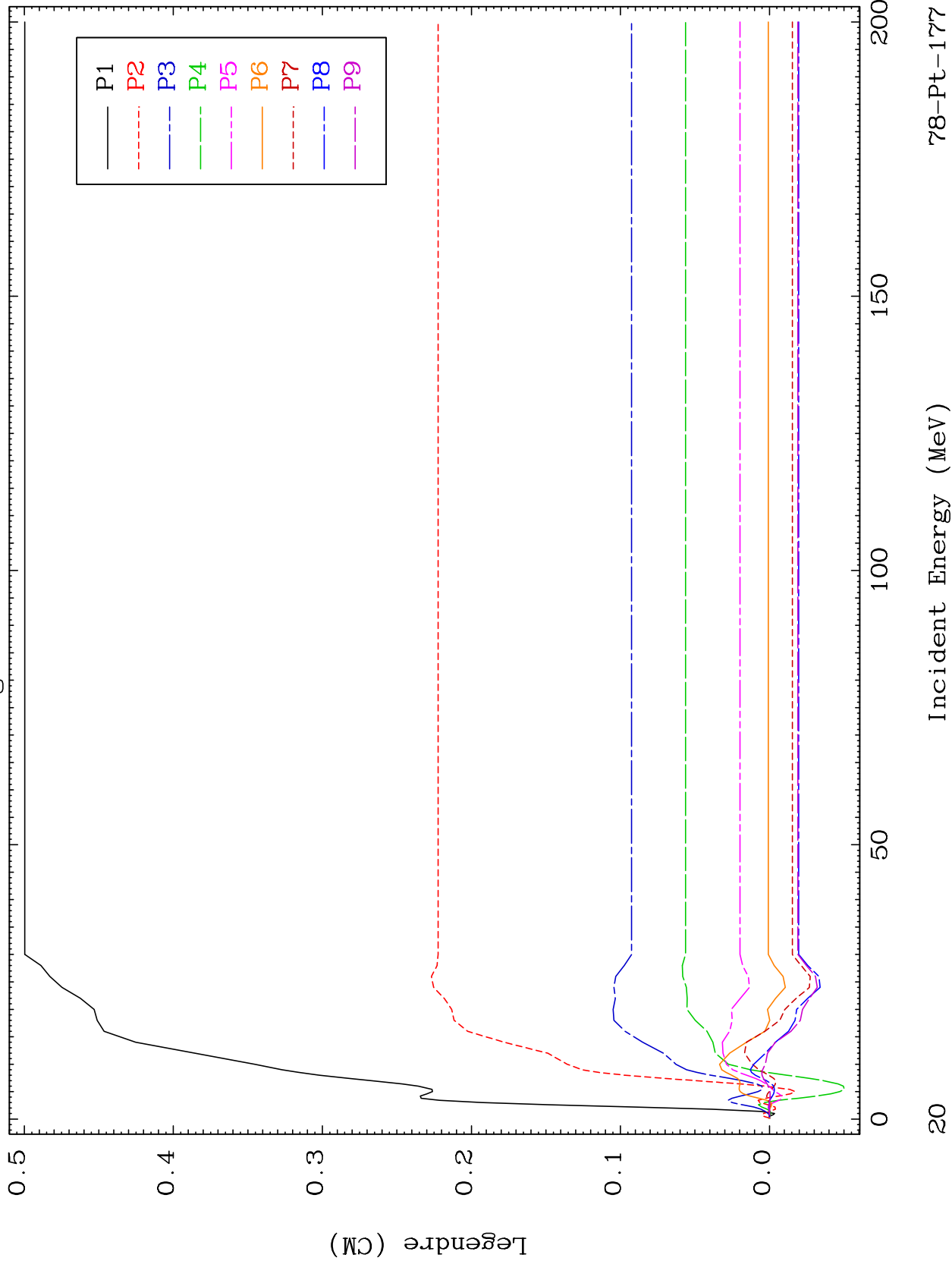
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



78-Pt-177

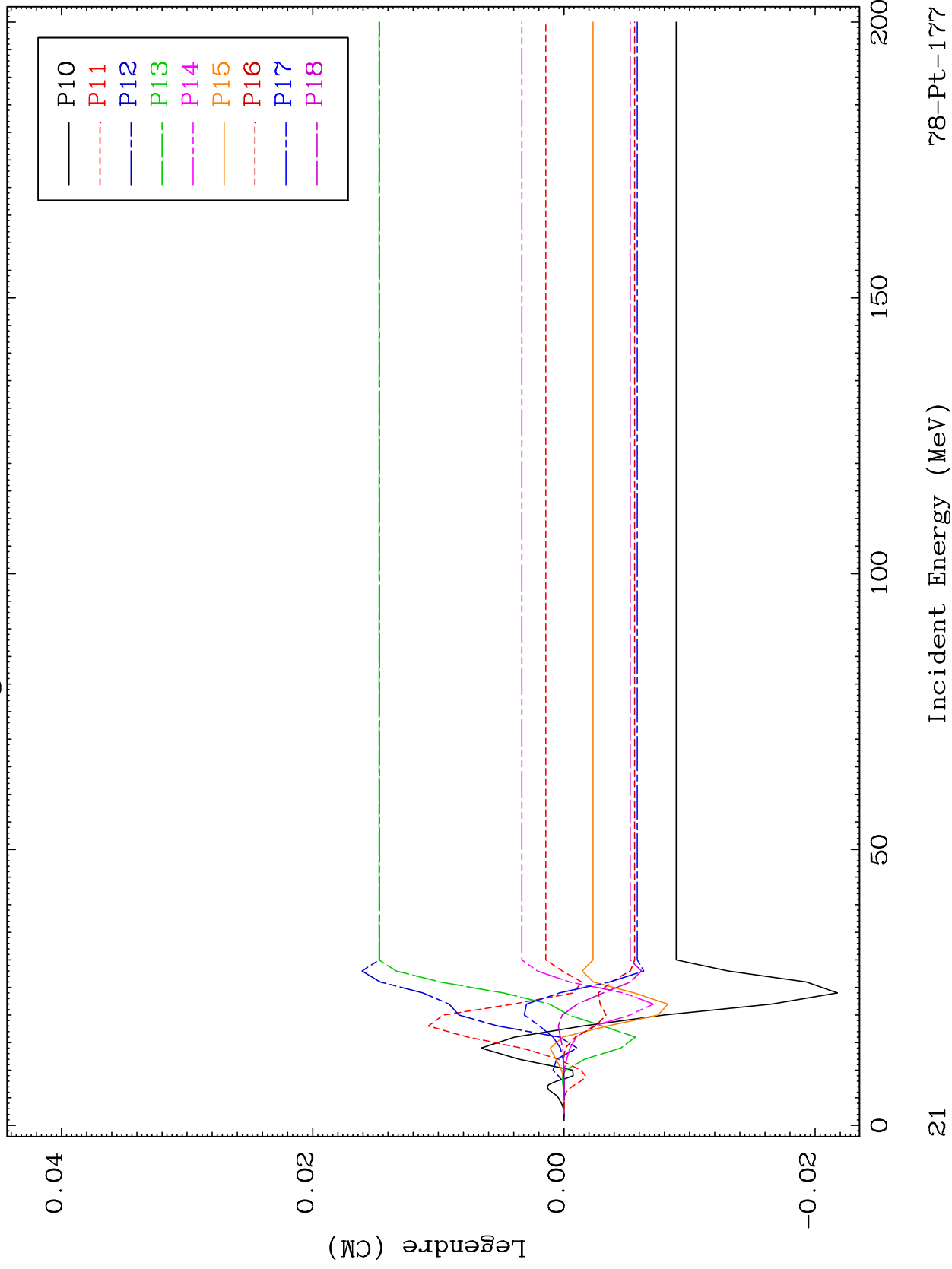
Incident Energy (MeV)

20

MAT 7786

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

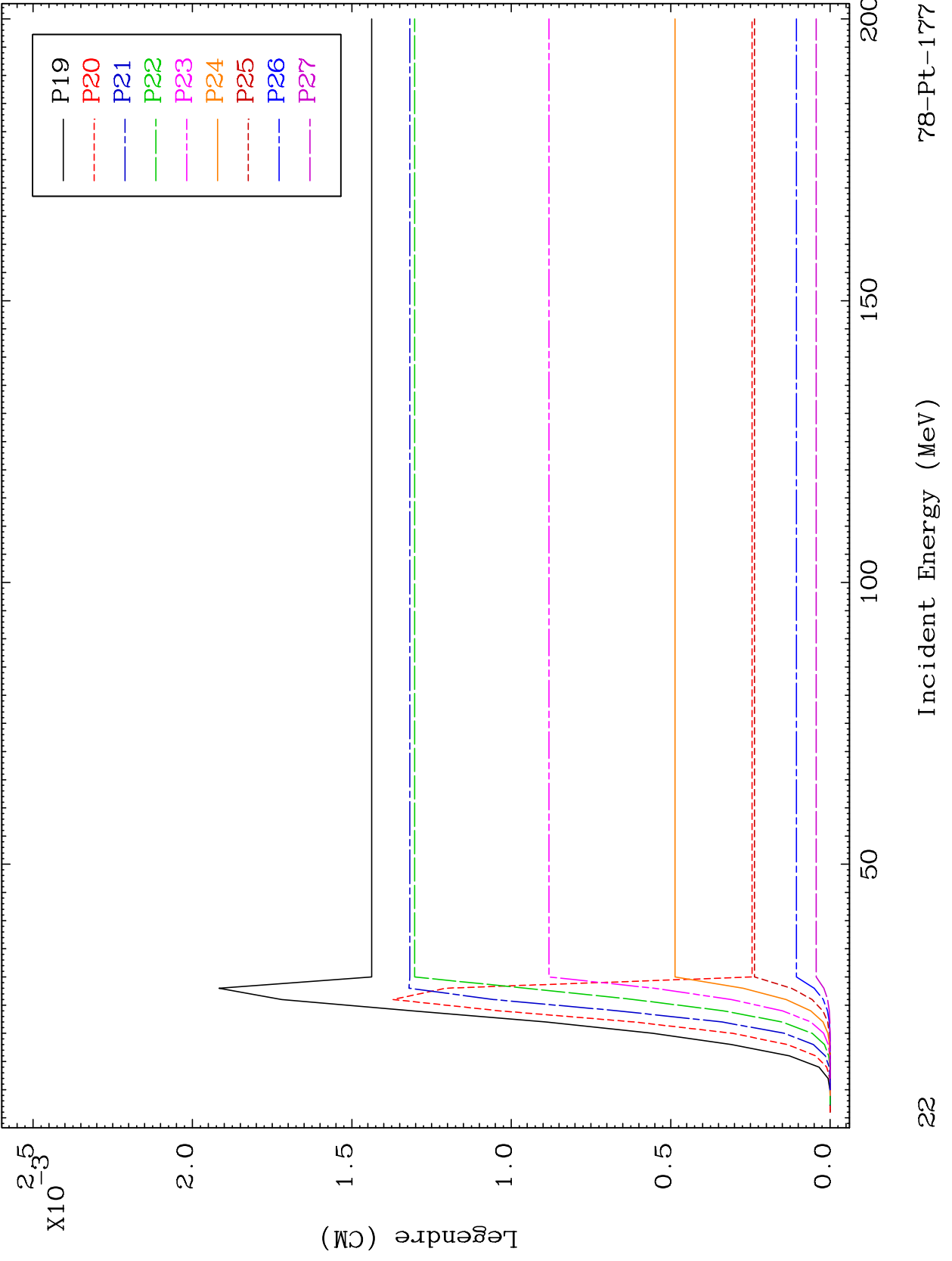
78-Pt-177

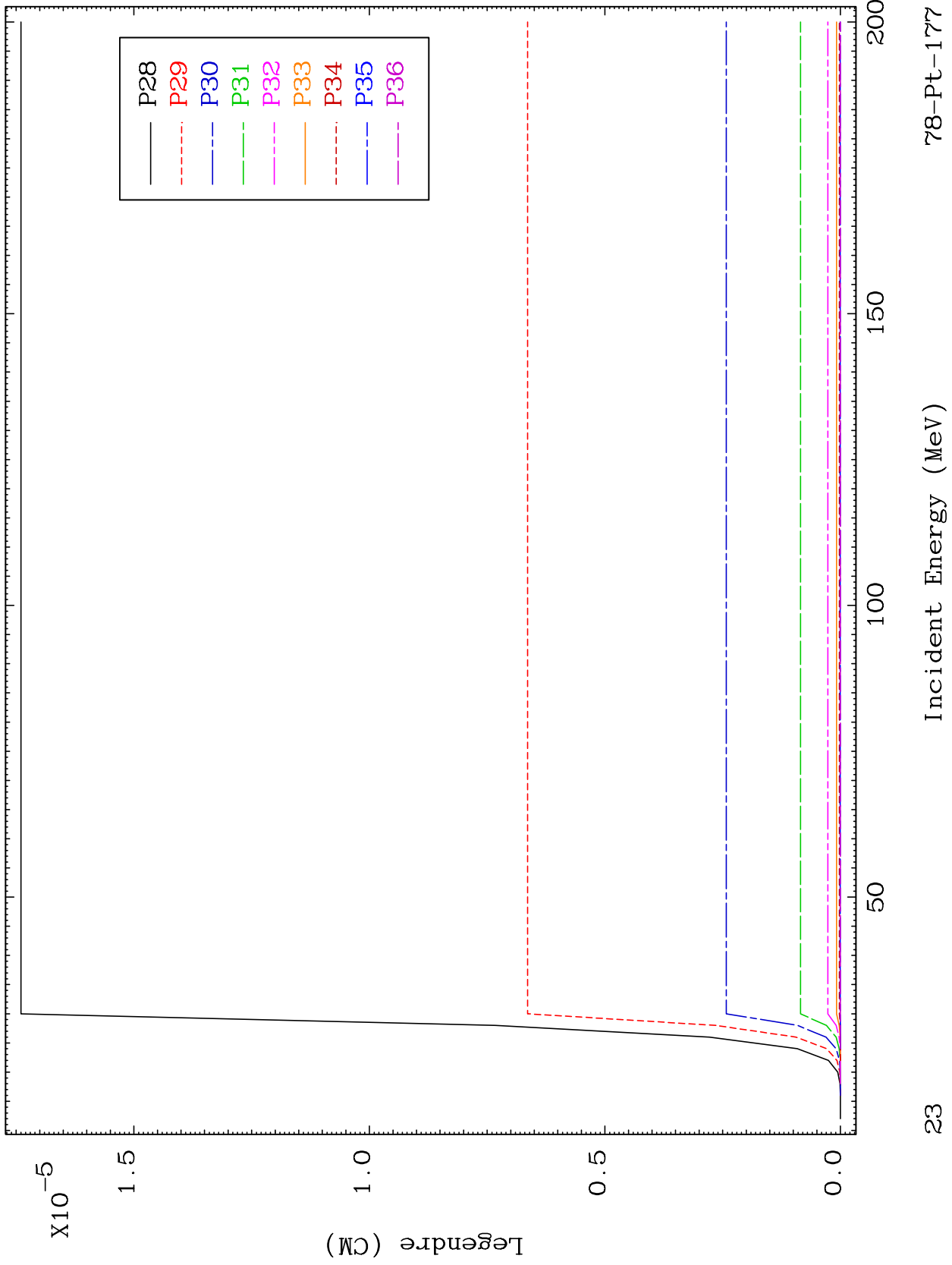


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Incident Energy (MeV)

78-Pt-177



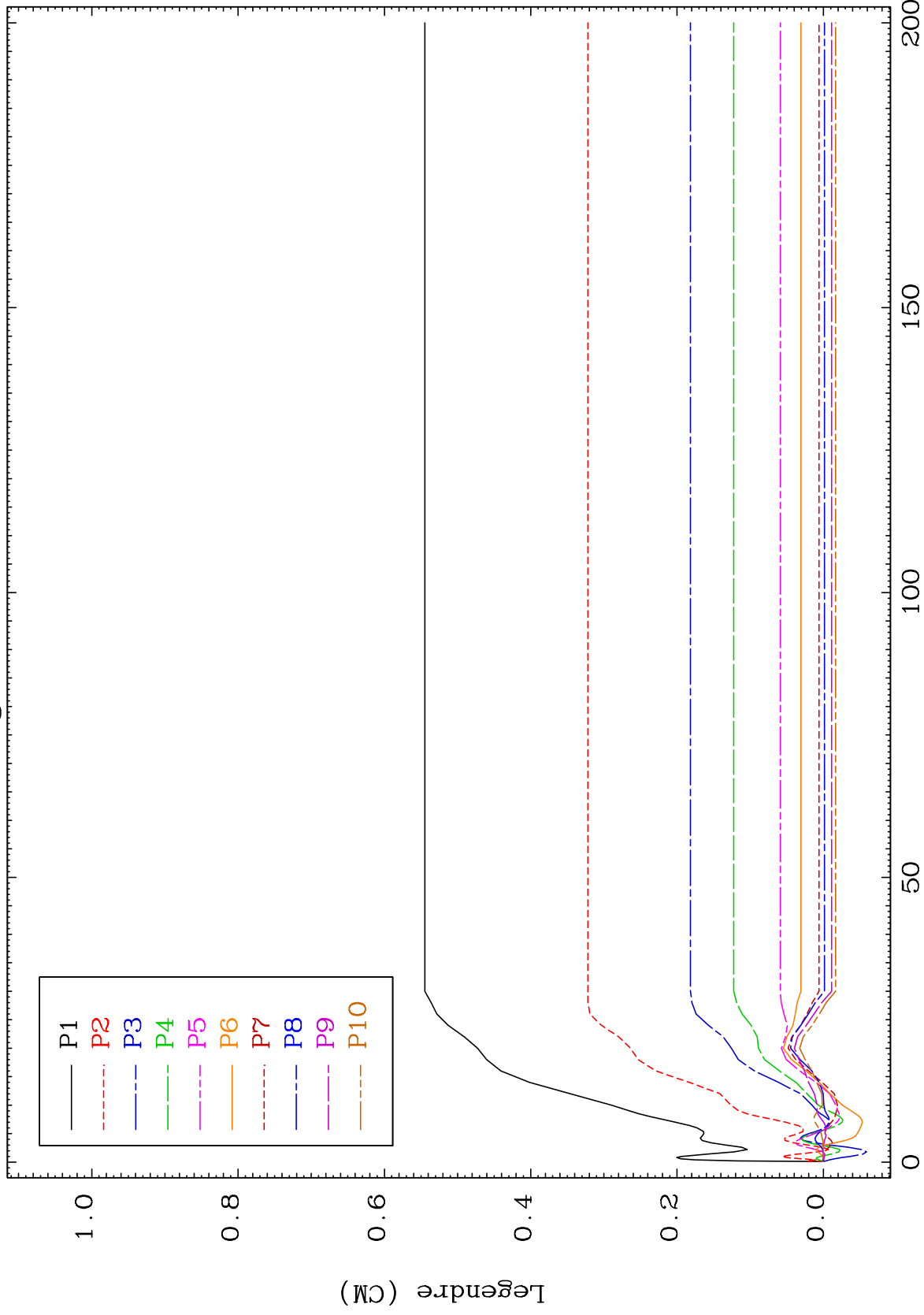




MAT 7786

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

78-Pt-177



24

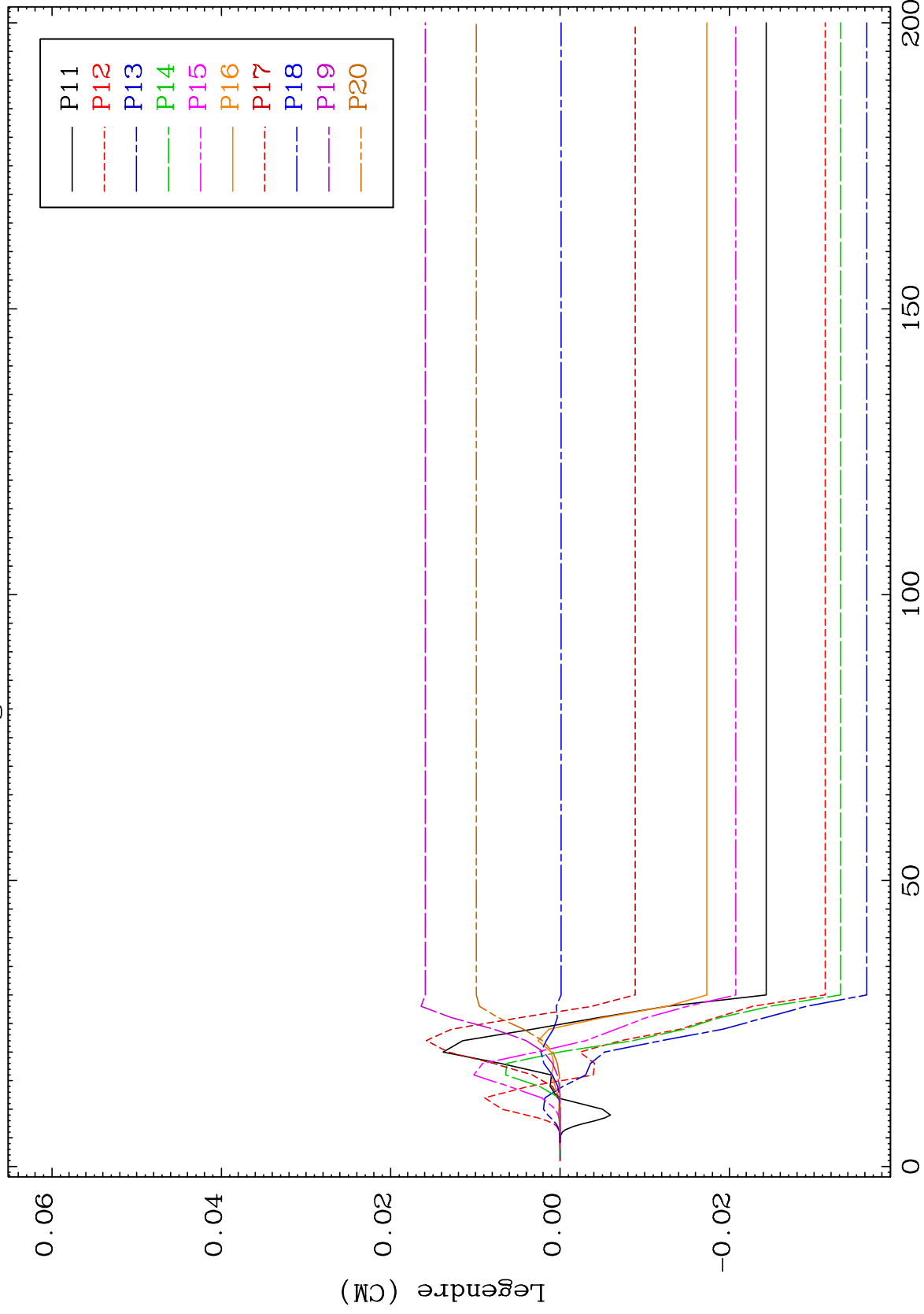
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



25

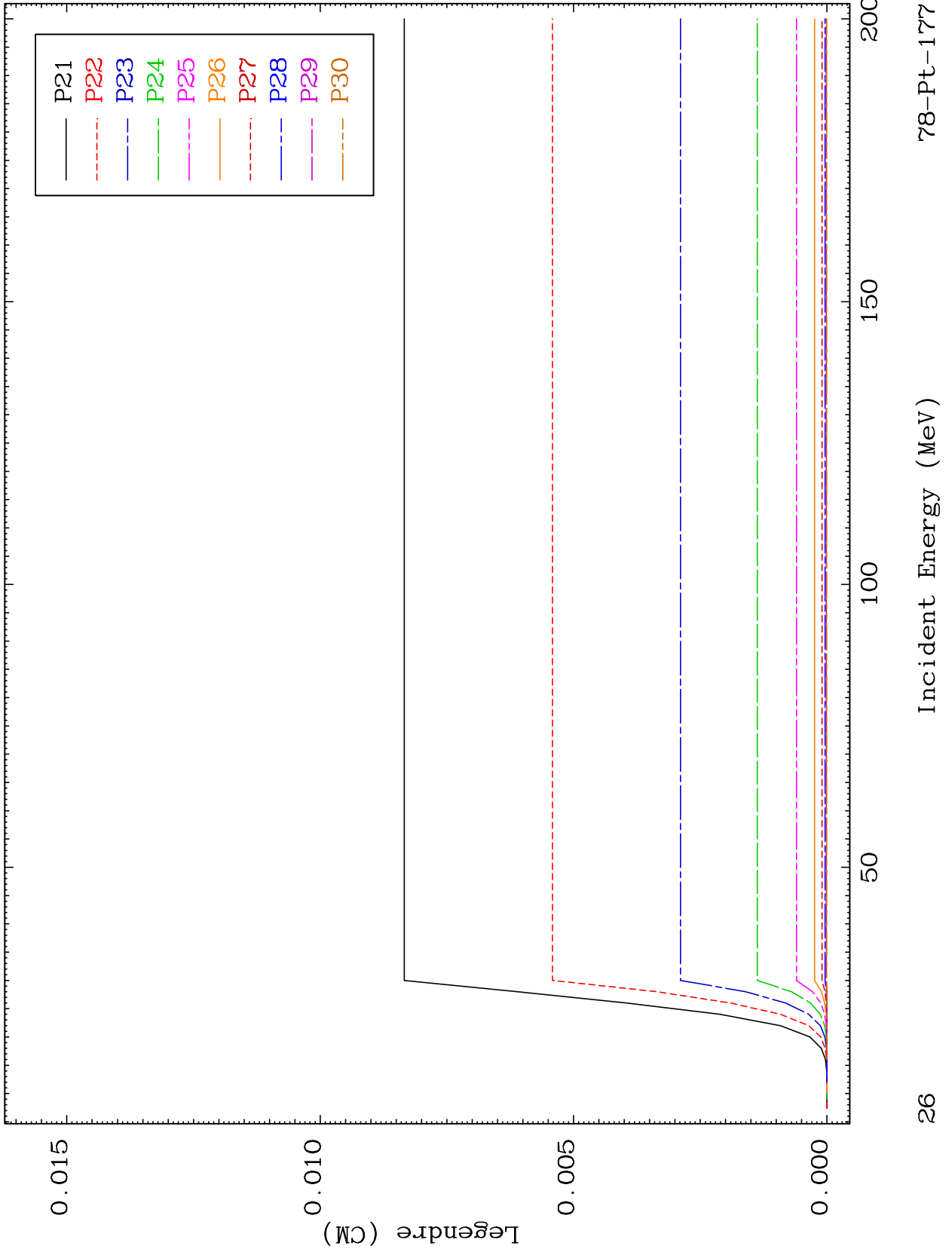
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

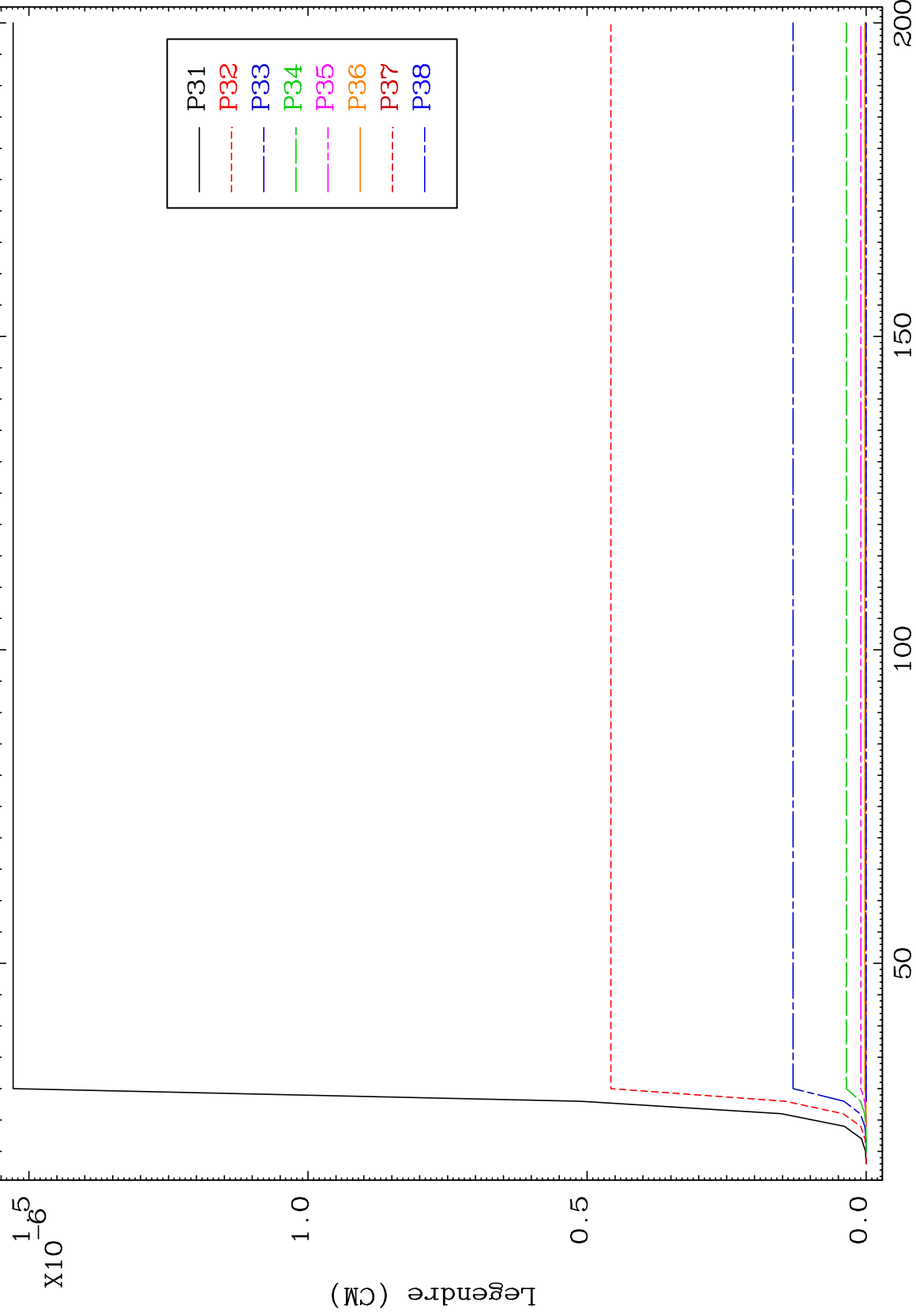
78-Pt-177



26

Incident Energy (MeV)

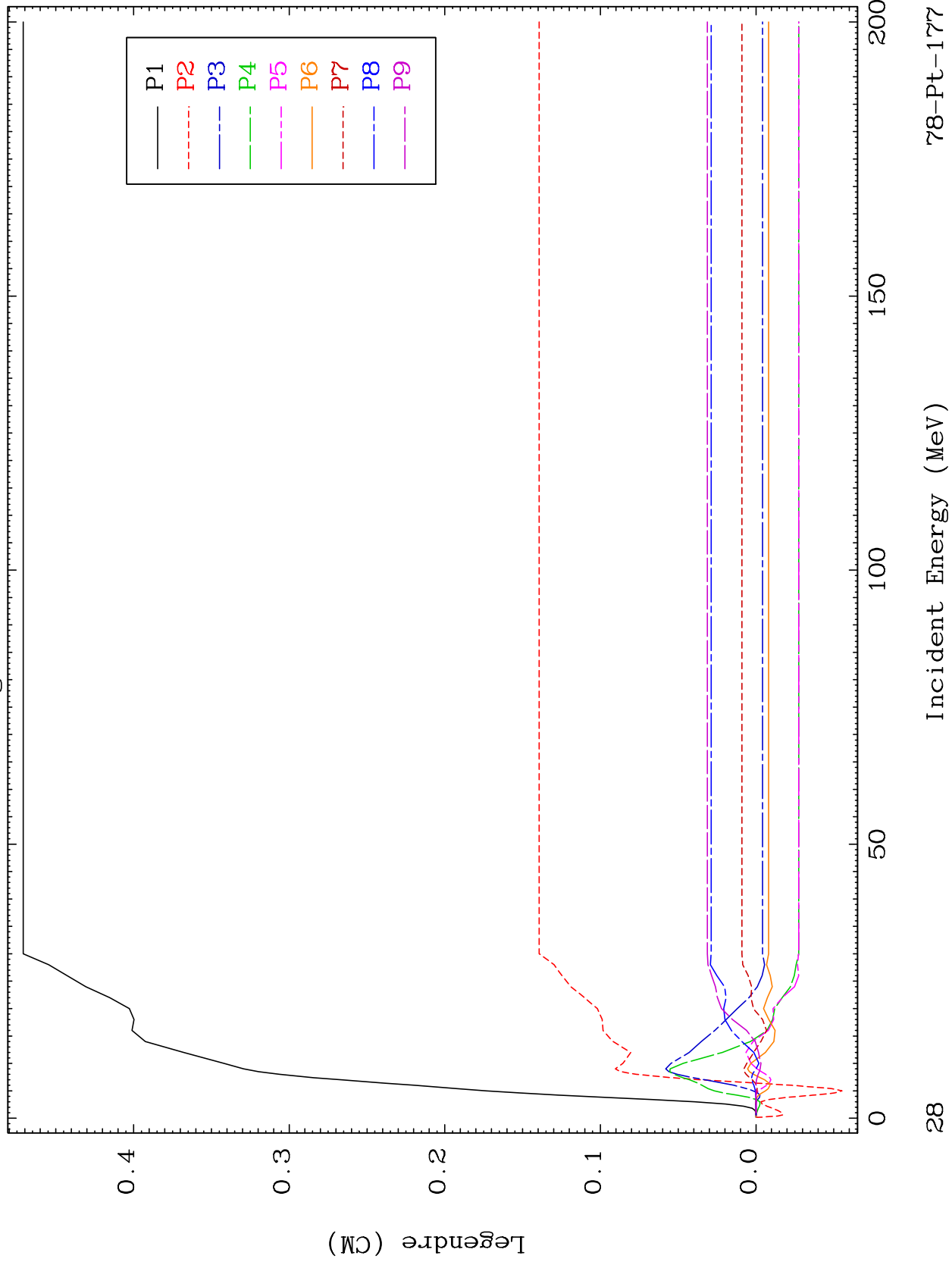
78-Pt-177



MAT 7786

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

78-Pt-177



78-Pt-177

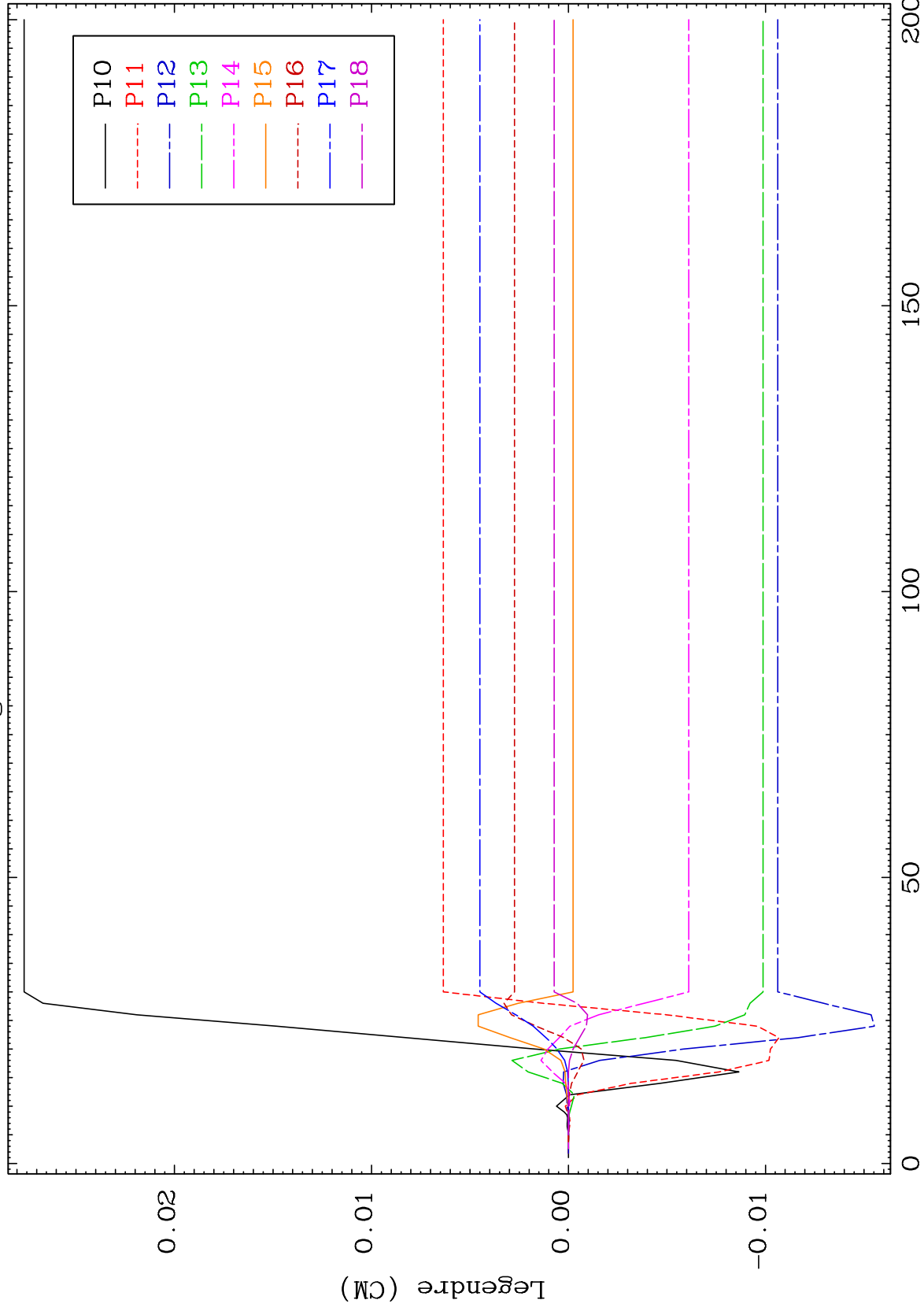
Incident Energy (MeV)

28

MAT 7786

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

78-Pt-177



78-Pt-177

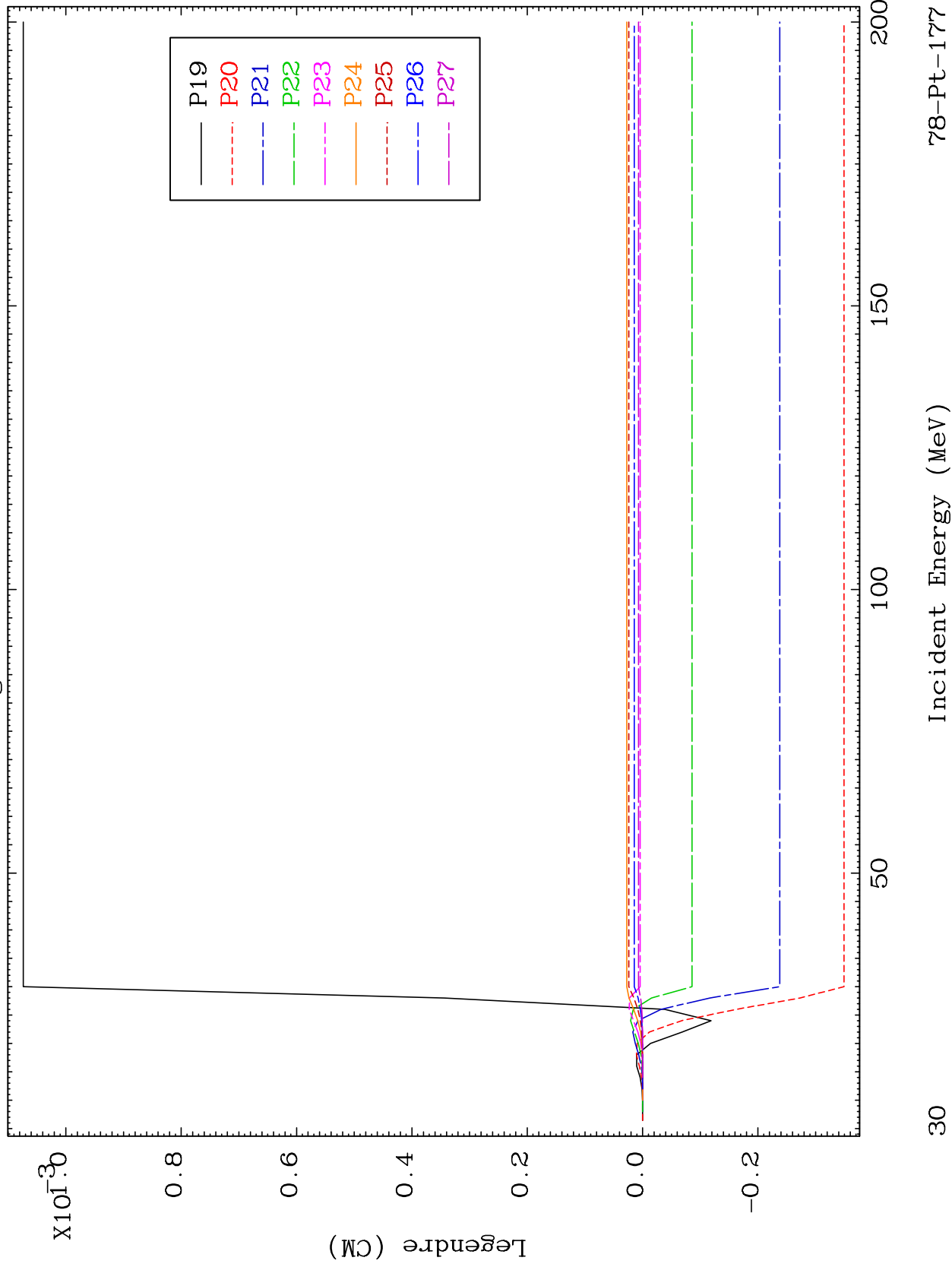
Incident Energy (MeV)

29

MAT 7786

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

78-Pt-177



30

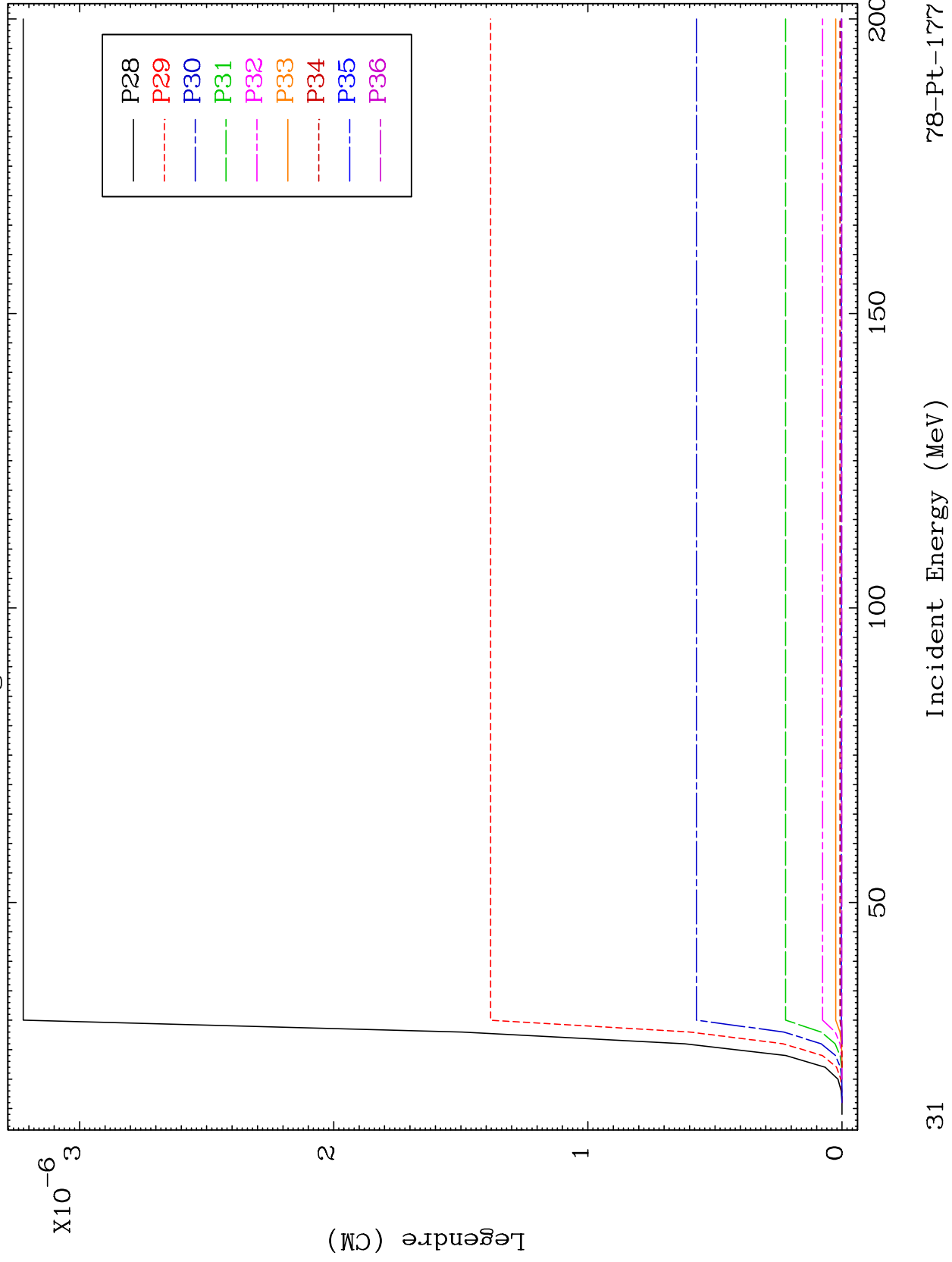
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177

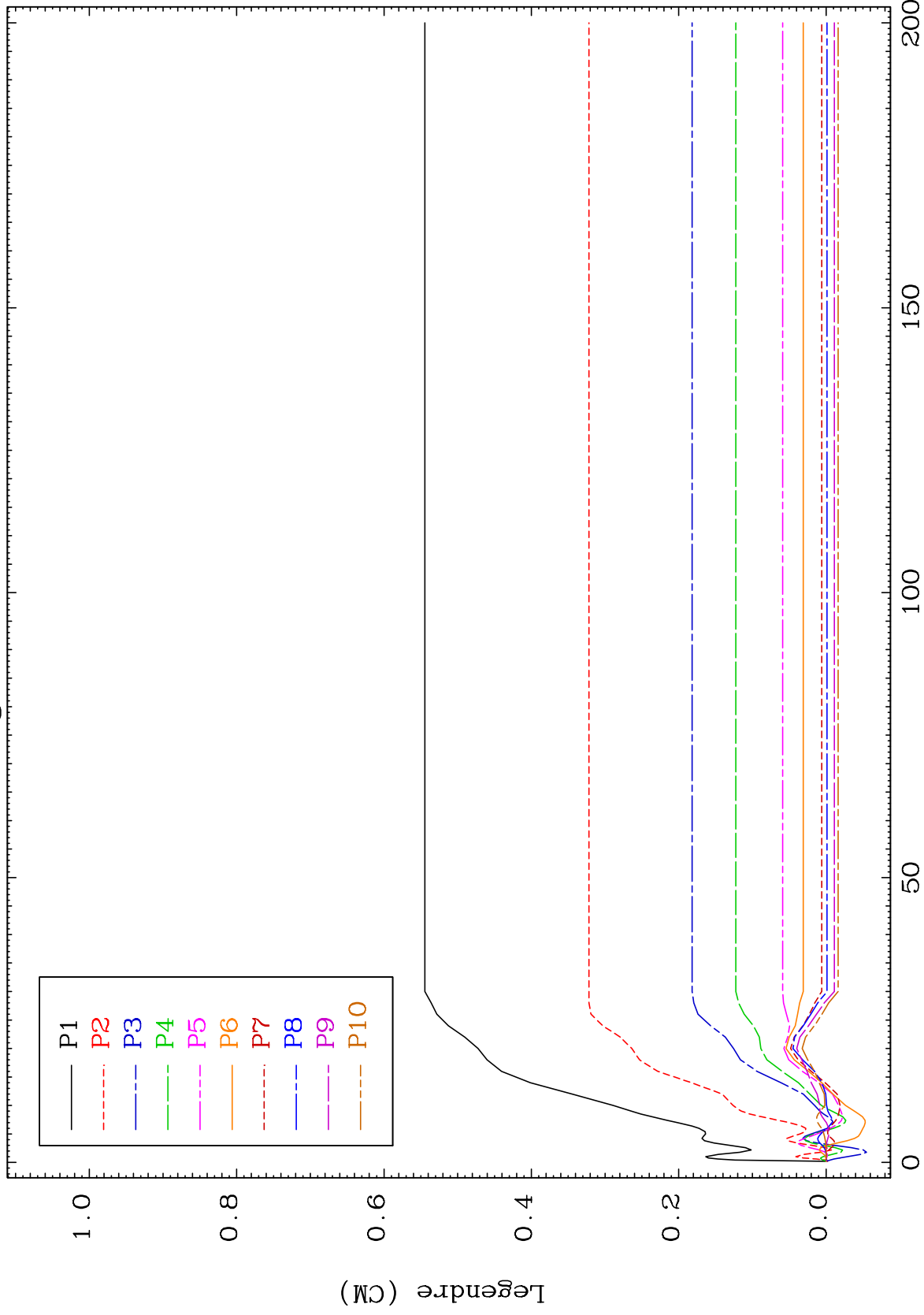




MAT 7786

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

78-Pt-177



32

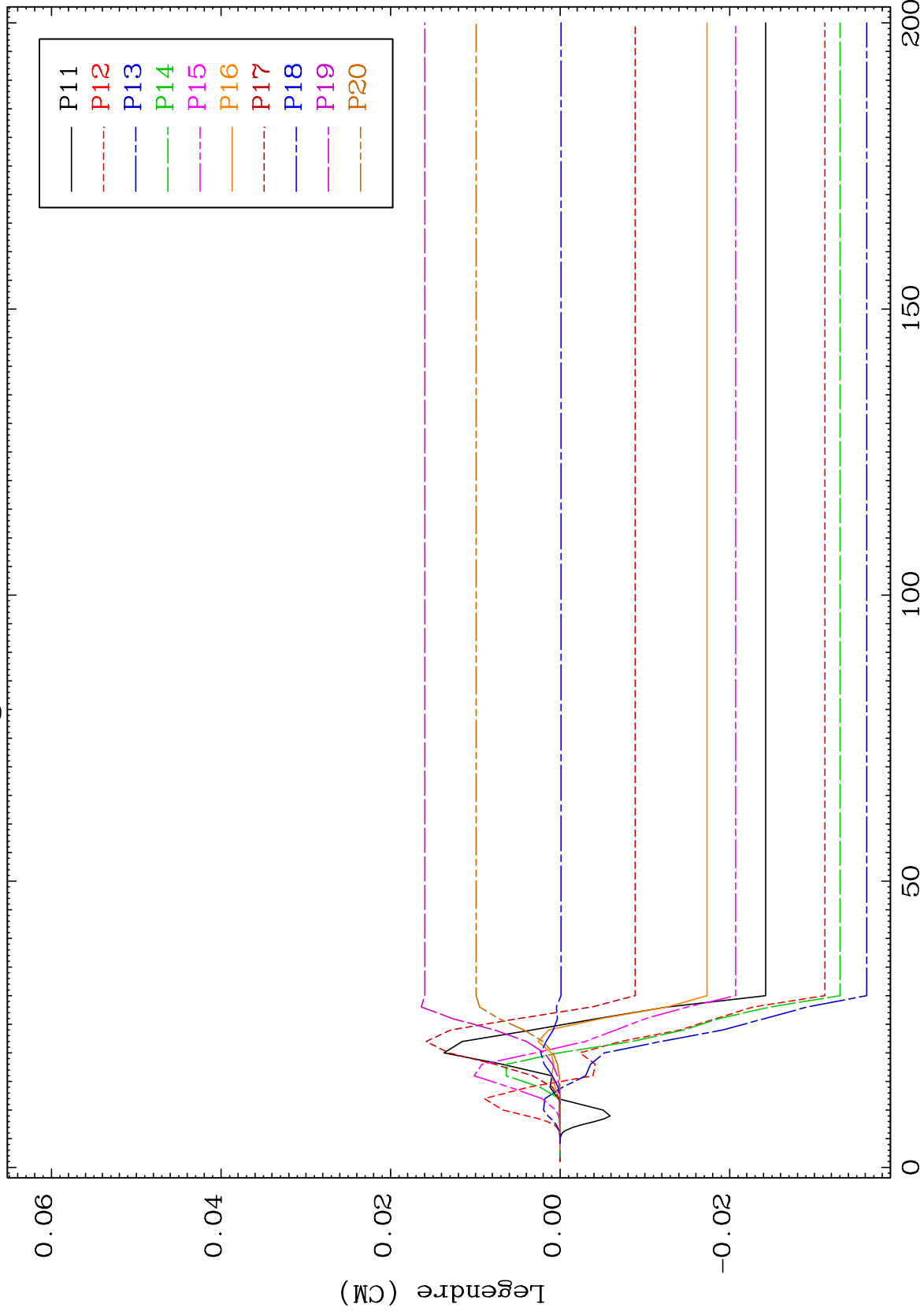
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

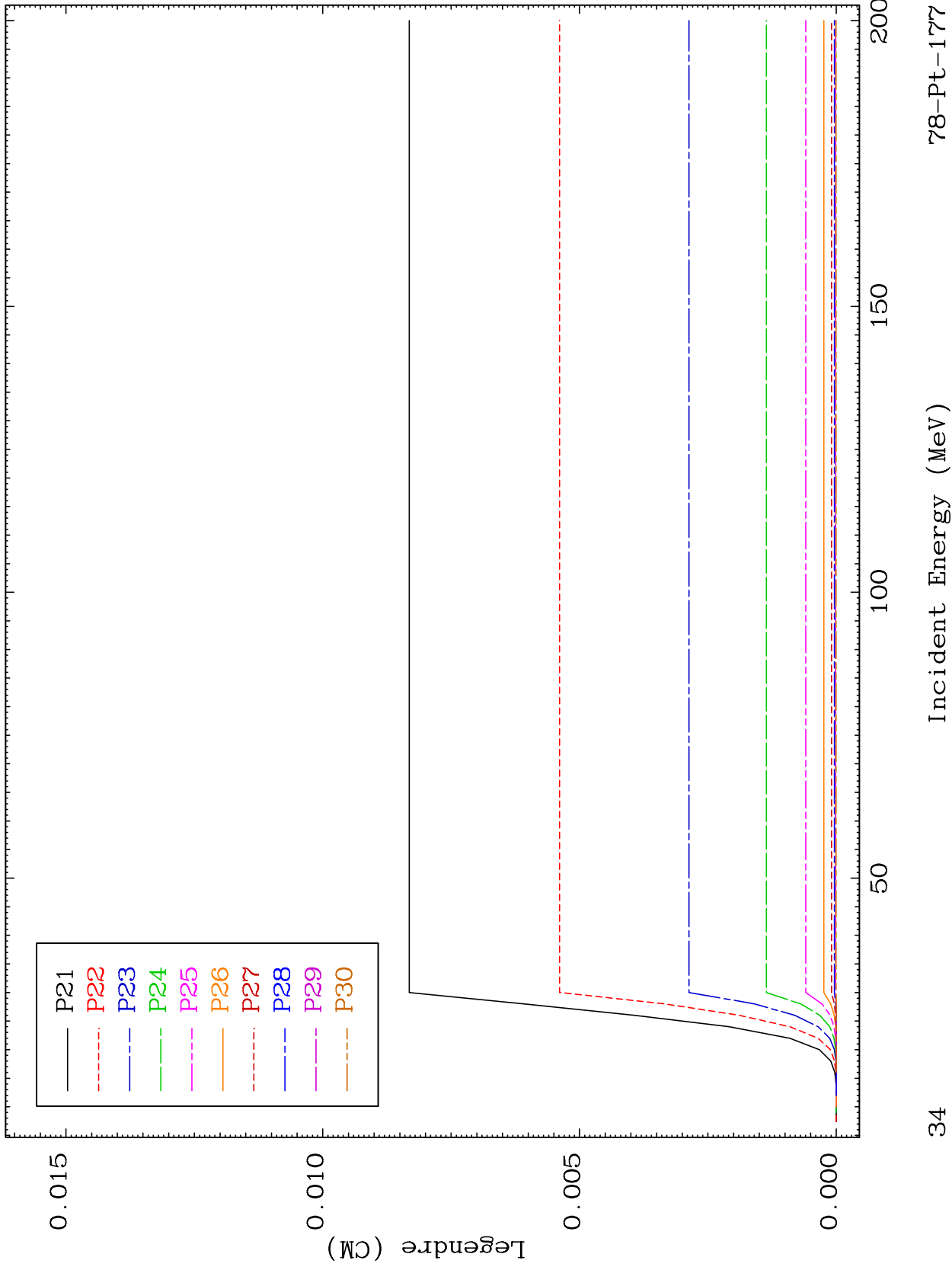
78-Pt-177



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Incident Energy (MeV)

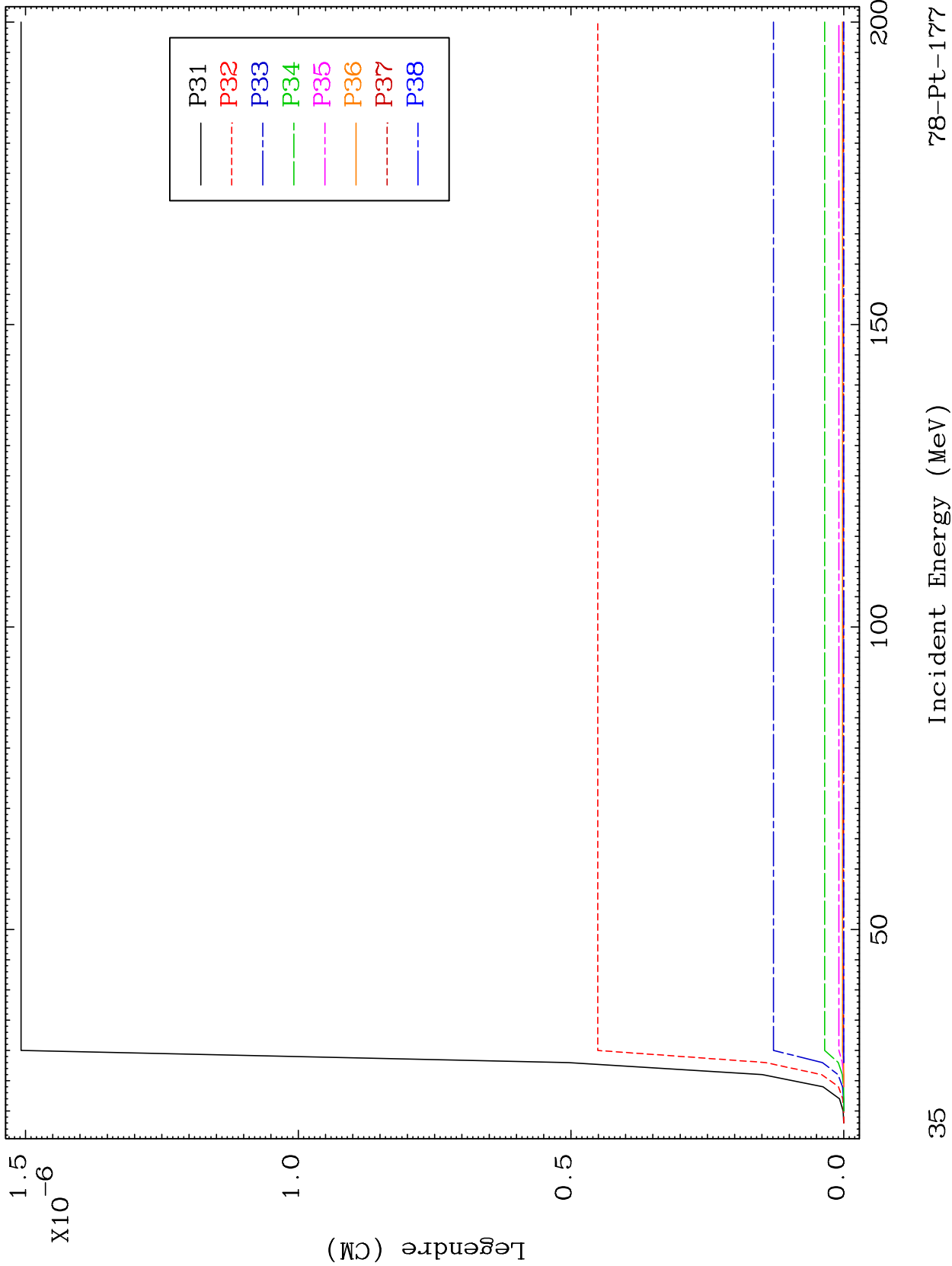
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MAT 7786

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

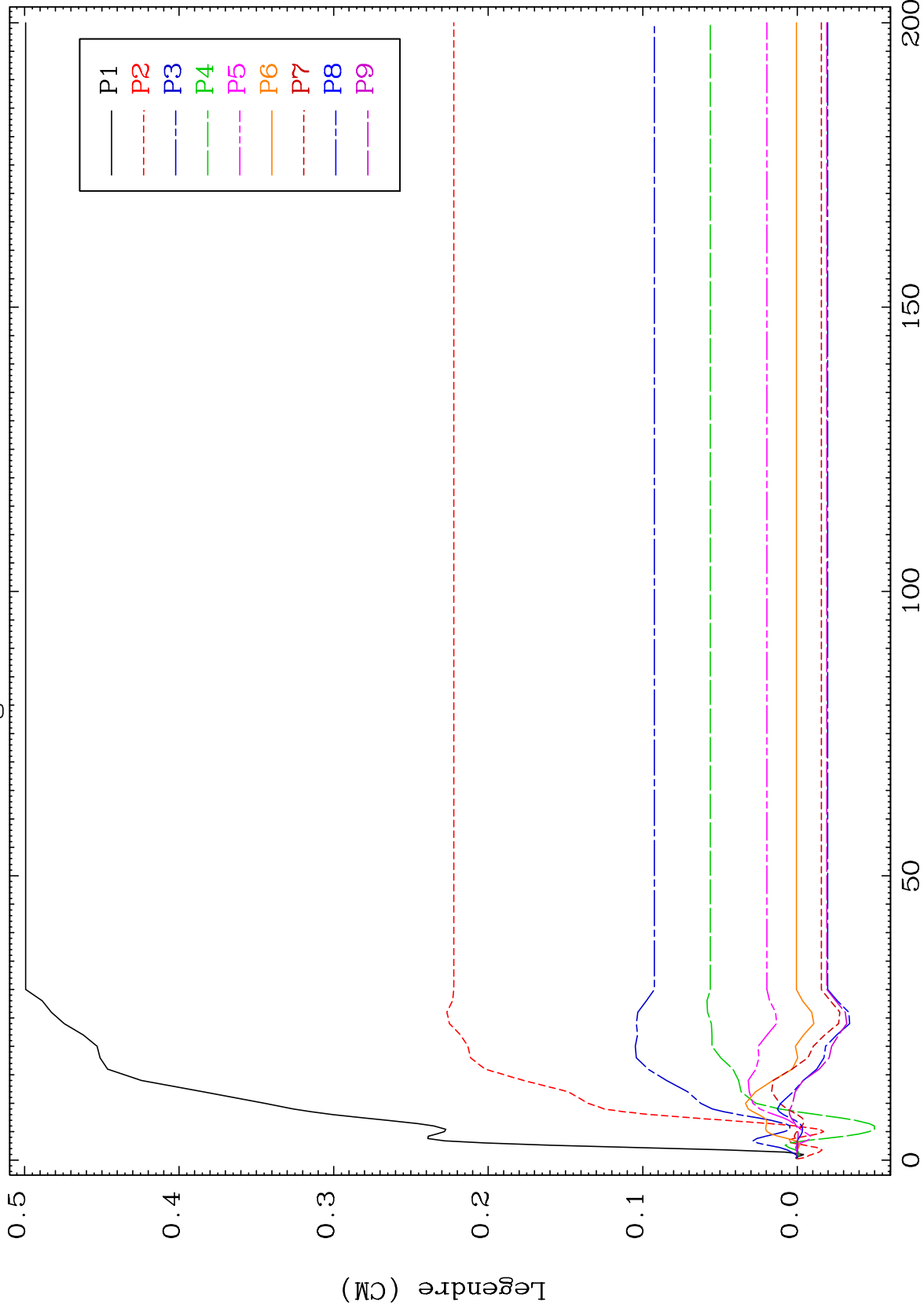
78-Pt-177



MAT 7786

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

78-Pt-177



36

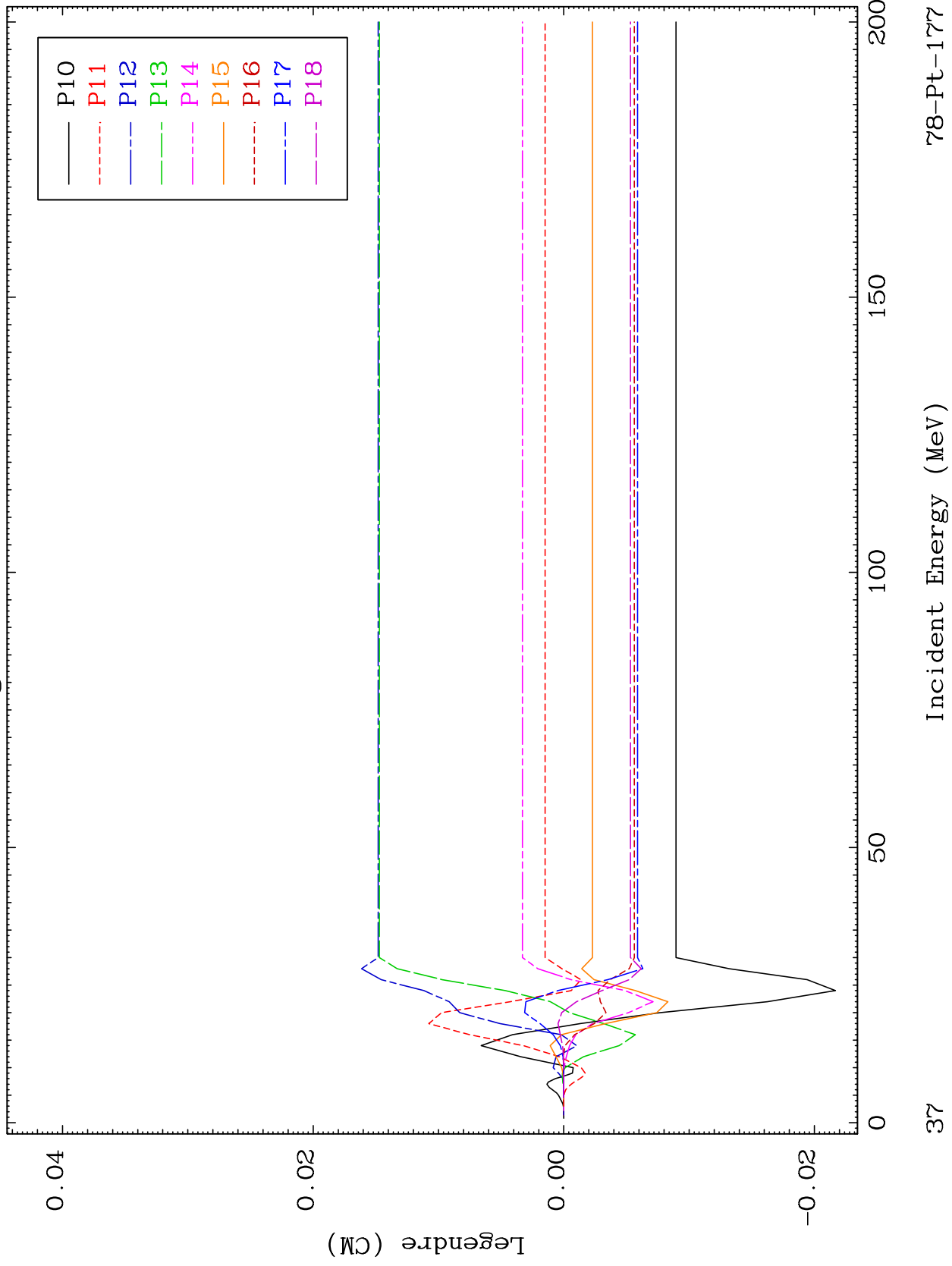
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



37

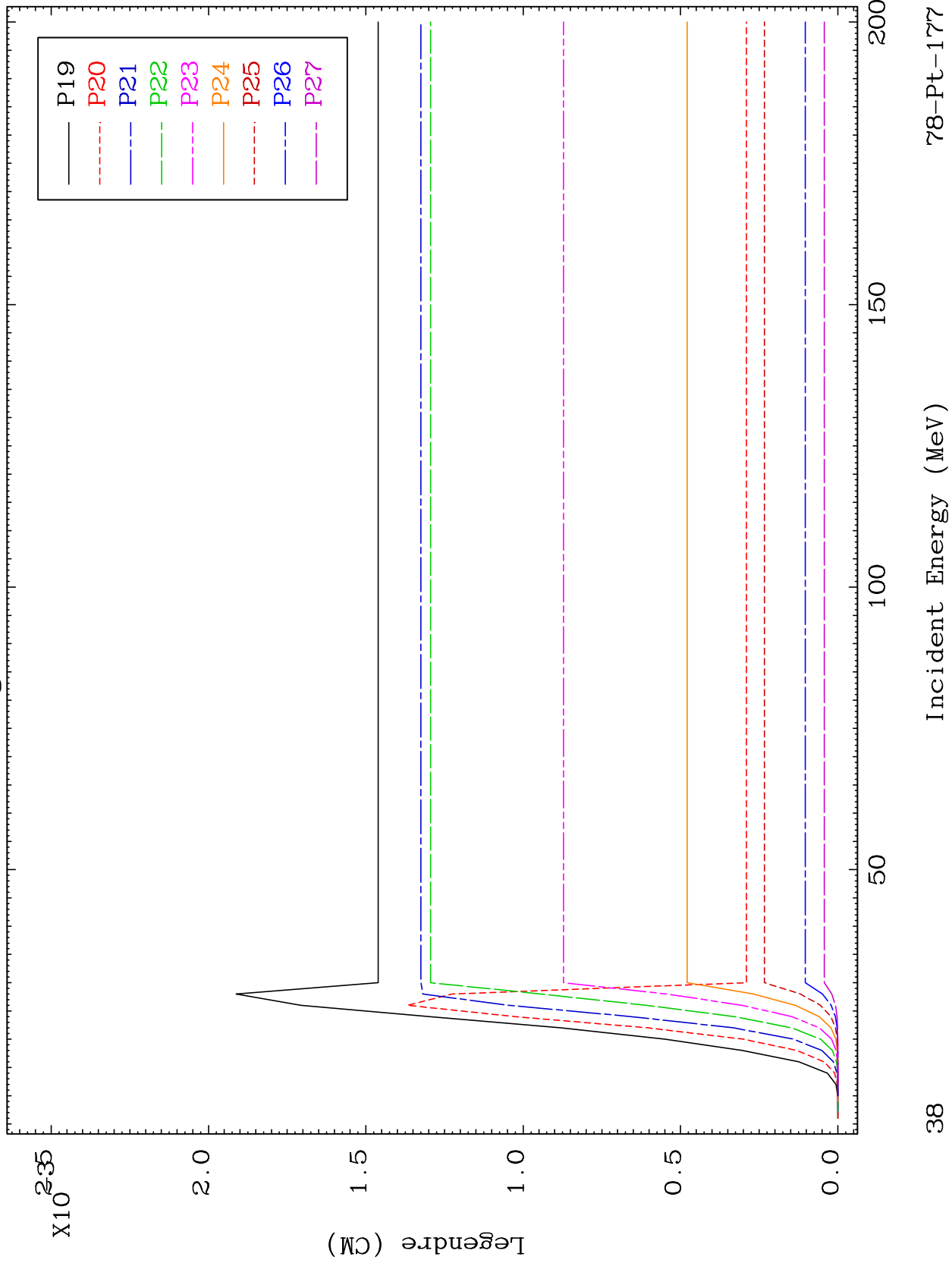
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



38

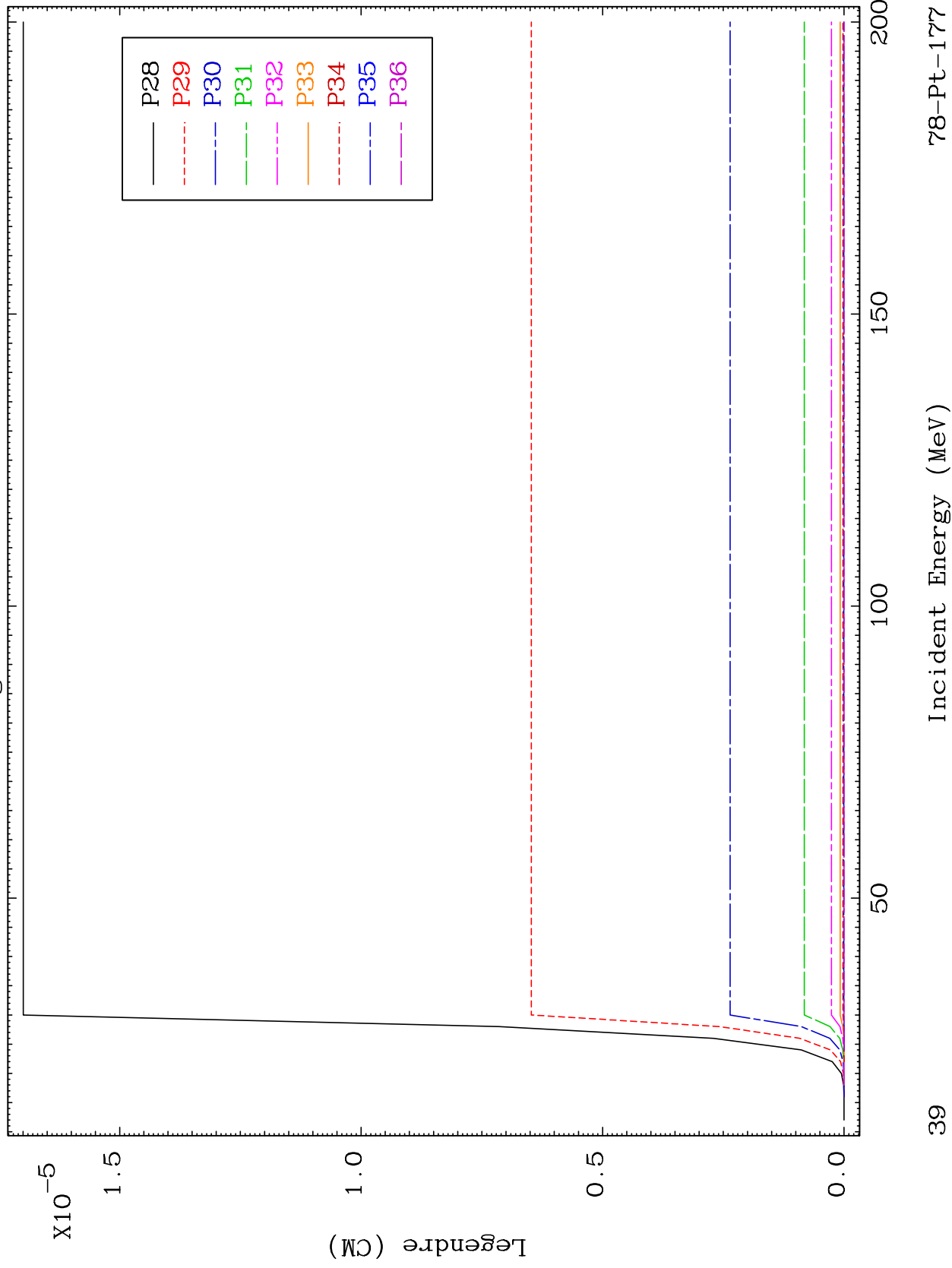
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177

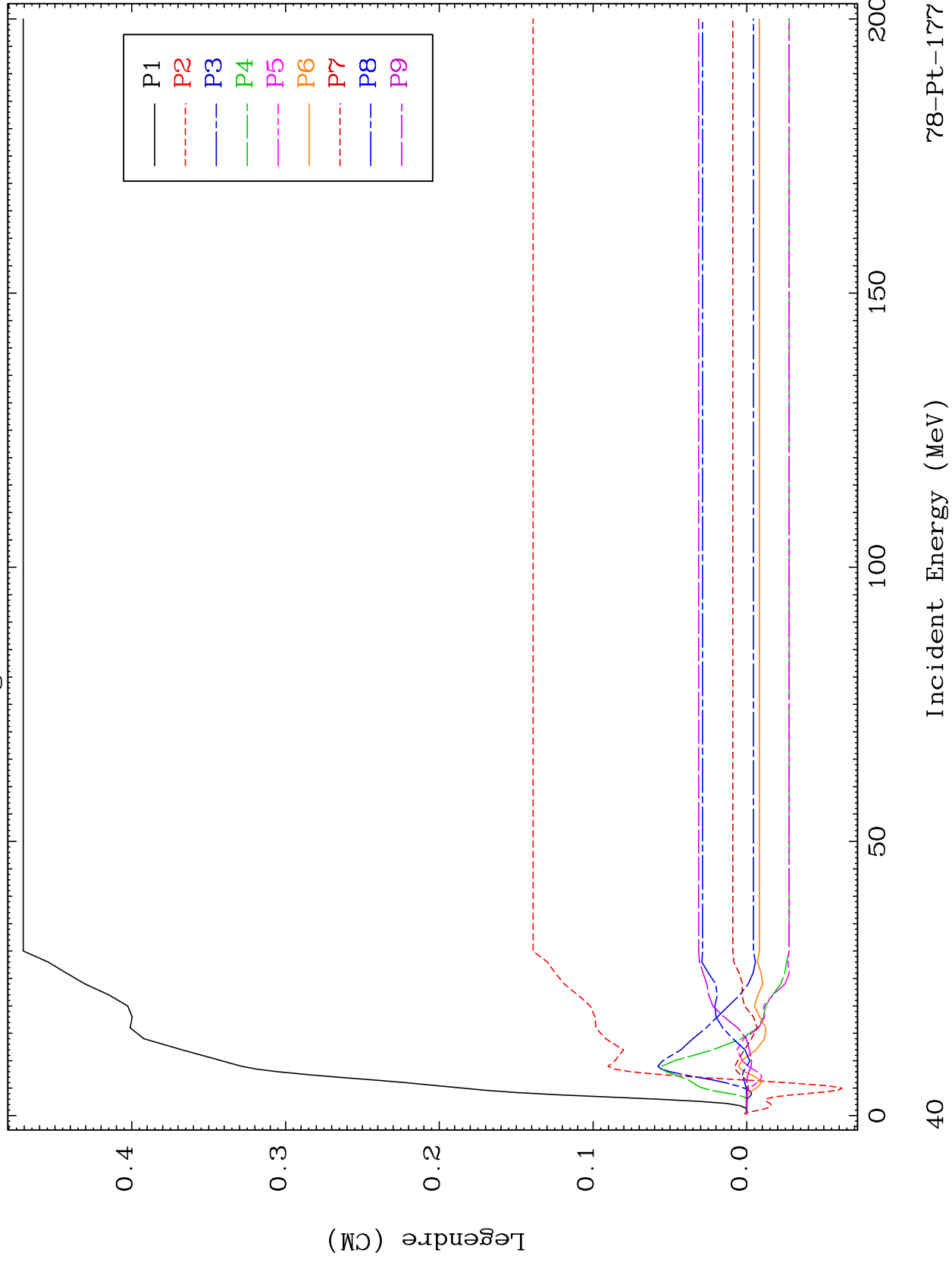




MAT 7786

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

78-Pt-177

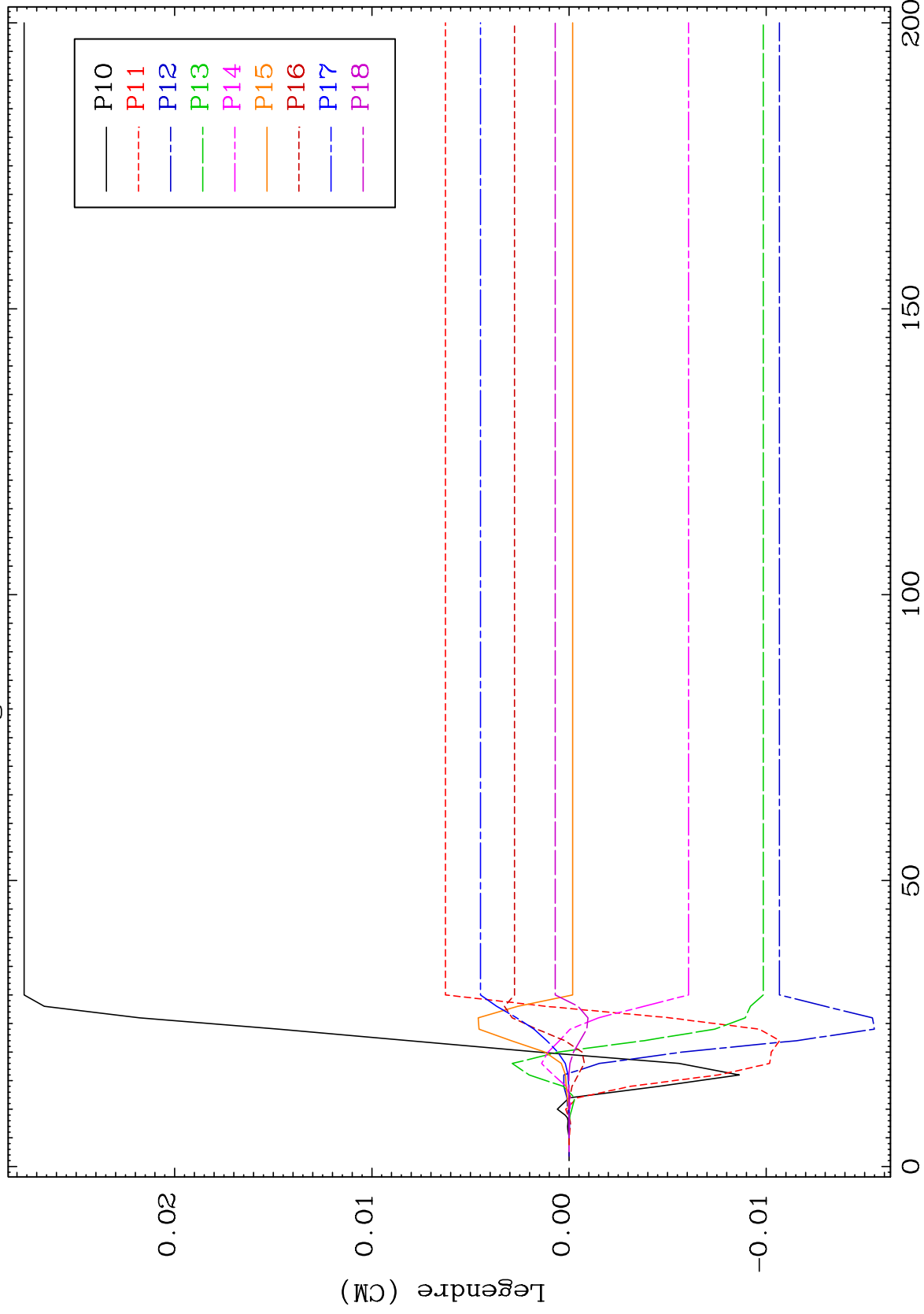


78-Pt-177

MAT 7786

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

78-Pt-177



41

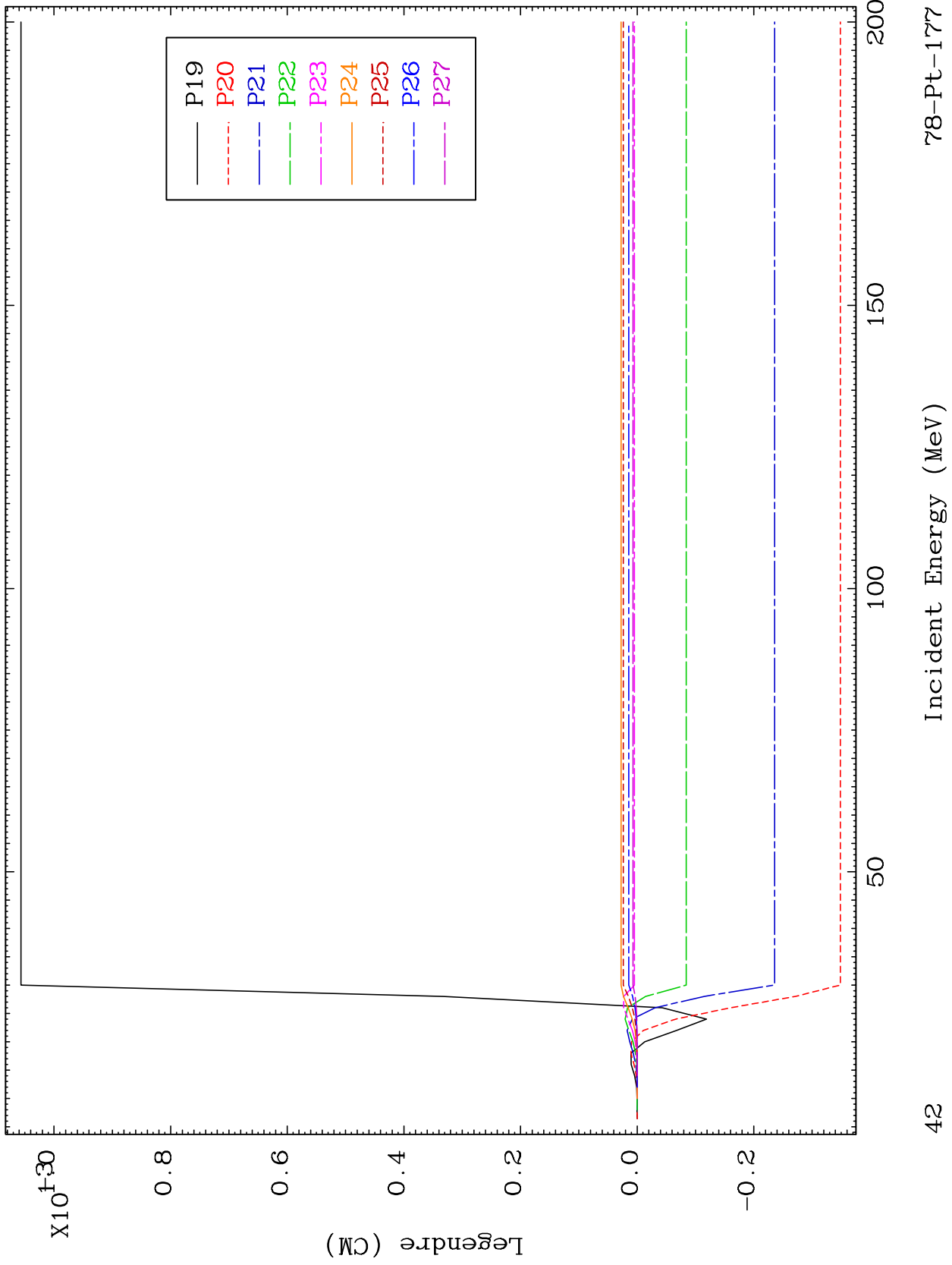
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

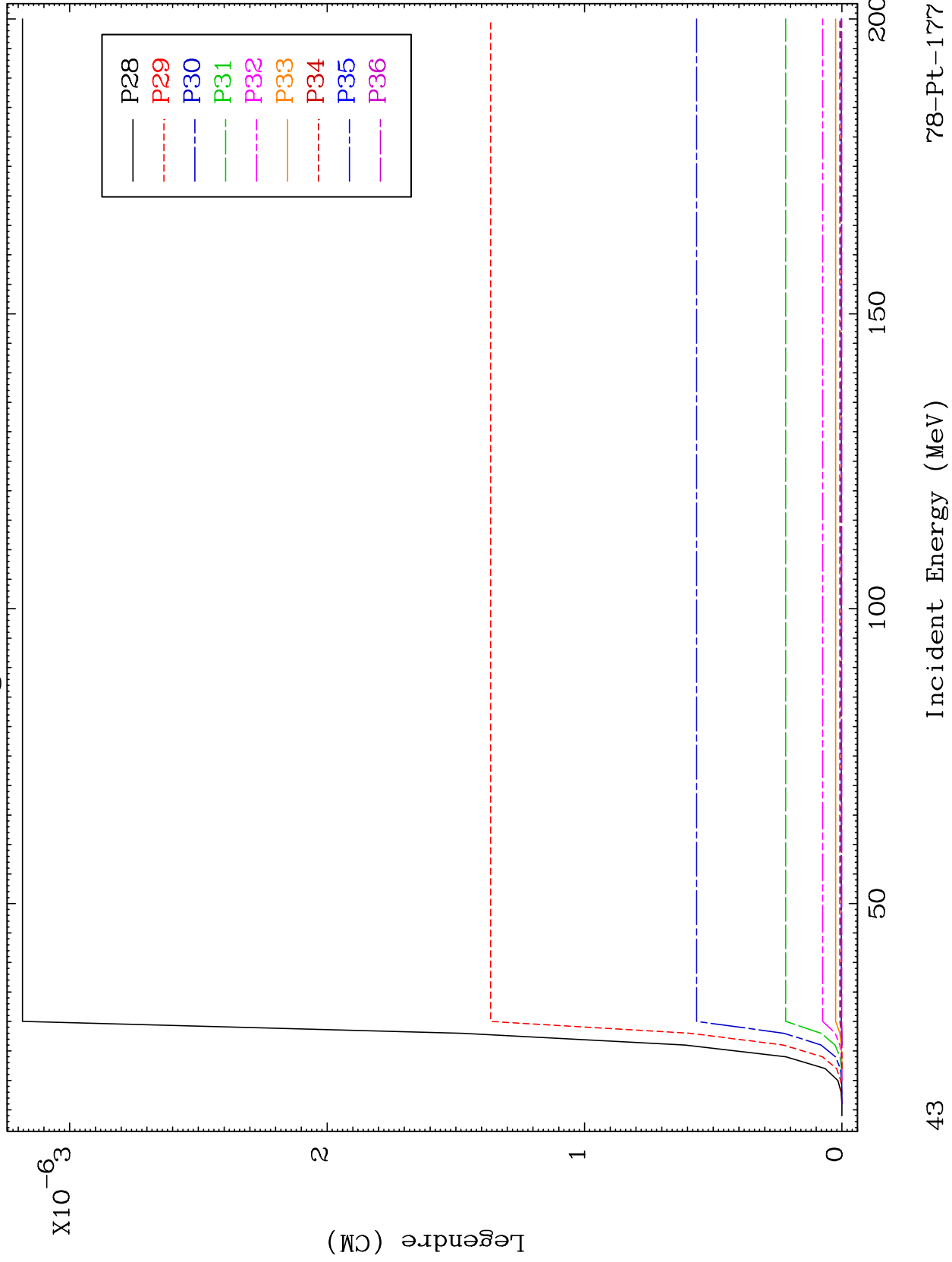
78-Pt-177



MAT 7786

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

78-Pt-177



43

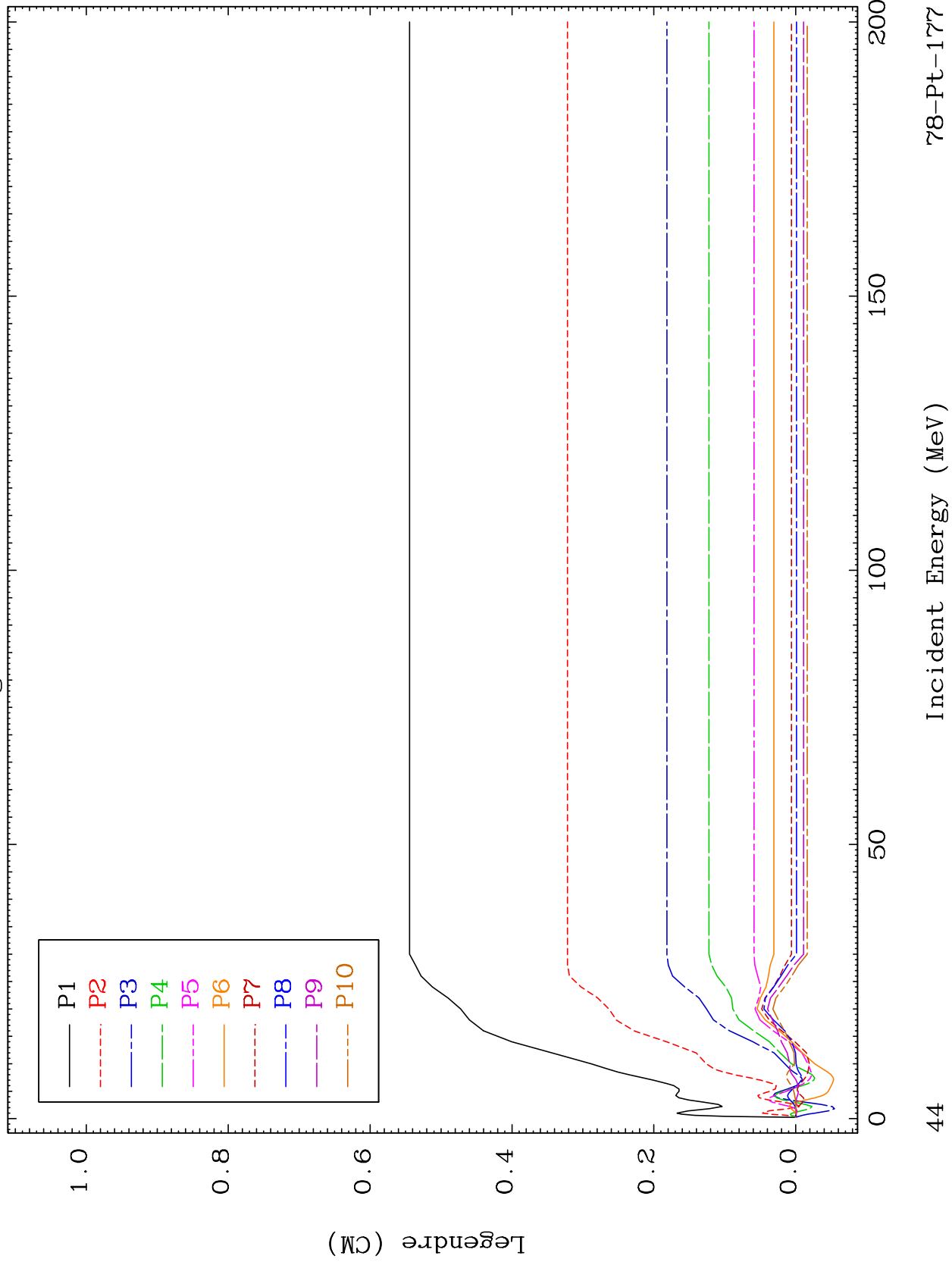
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



78-Pt-177

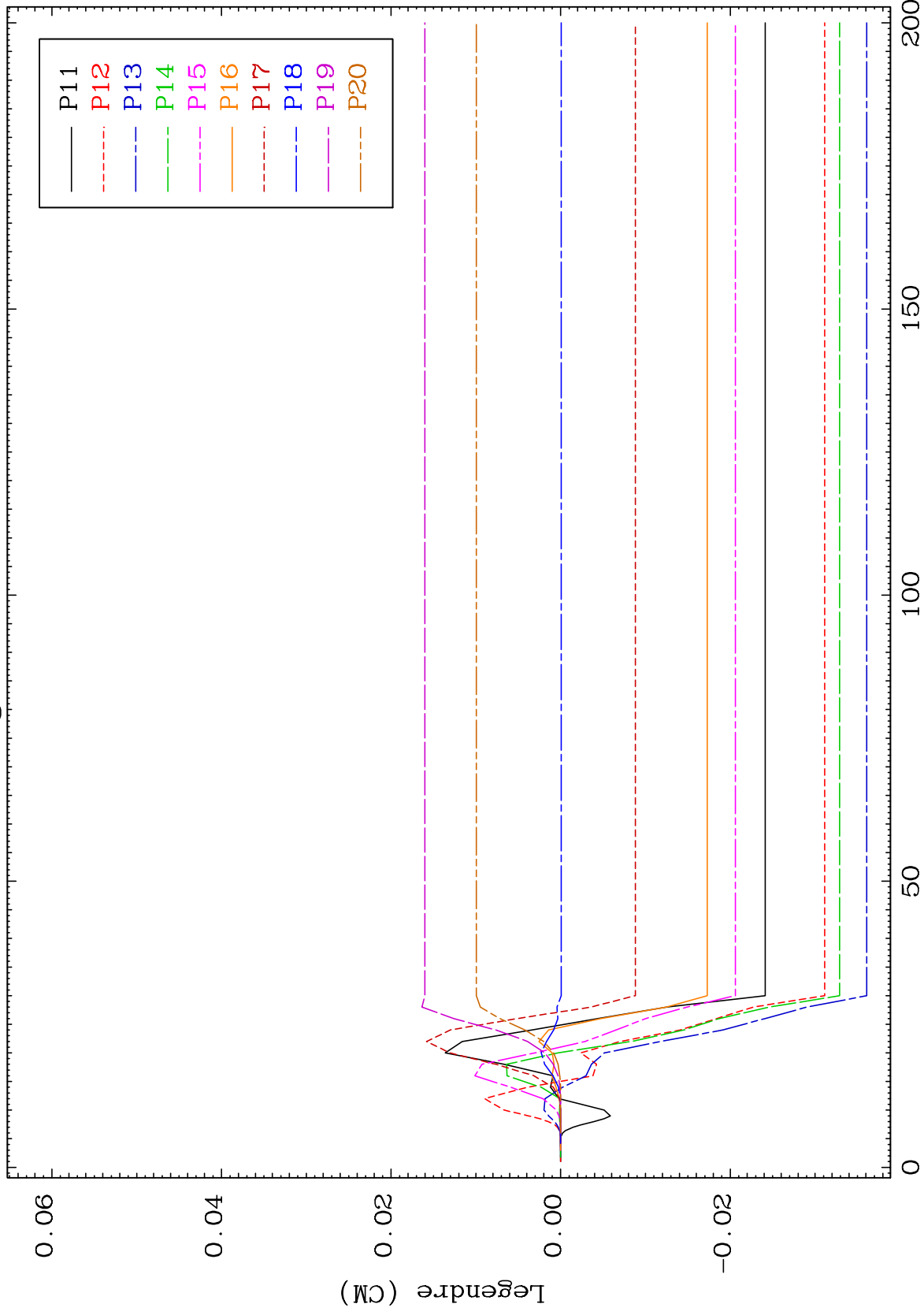
Incident Energy (MeV)

44

MAT 7786

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

78-Pt-177



45

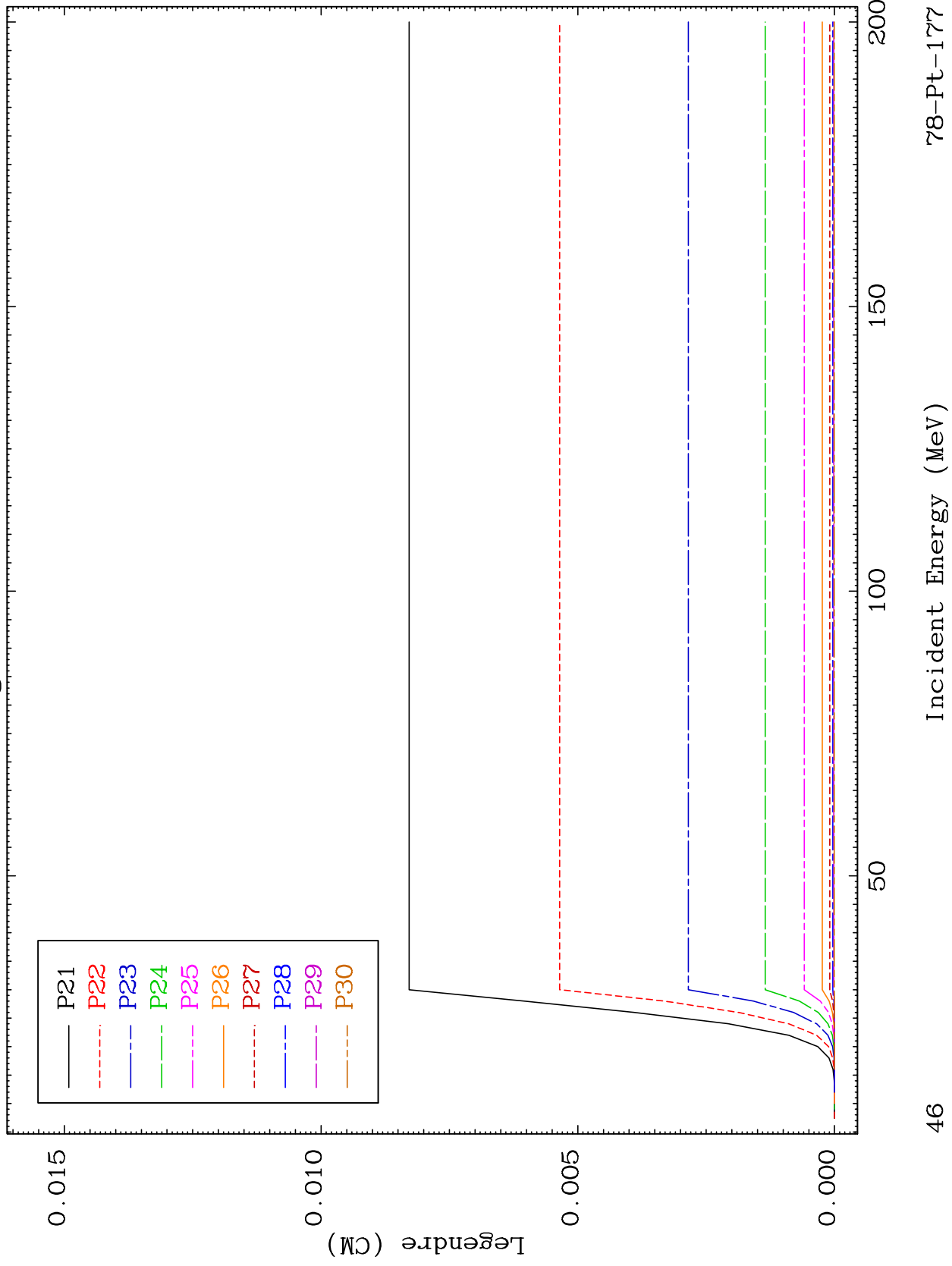
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



46

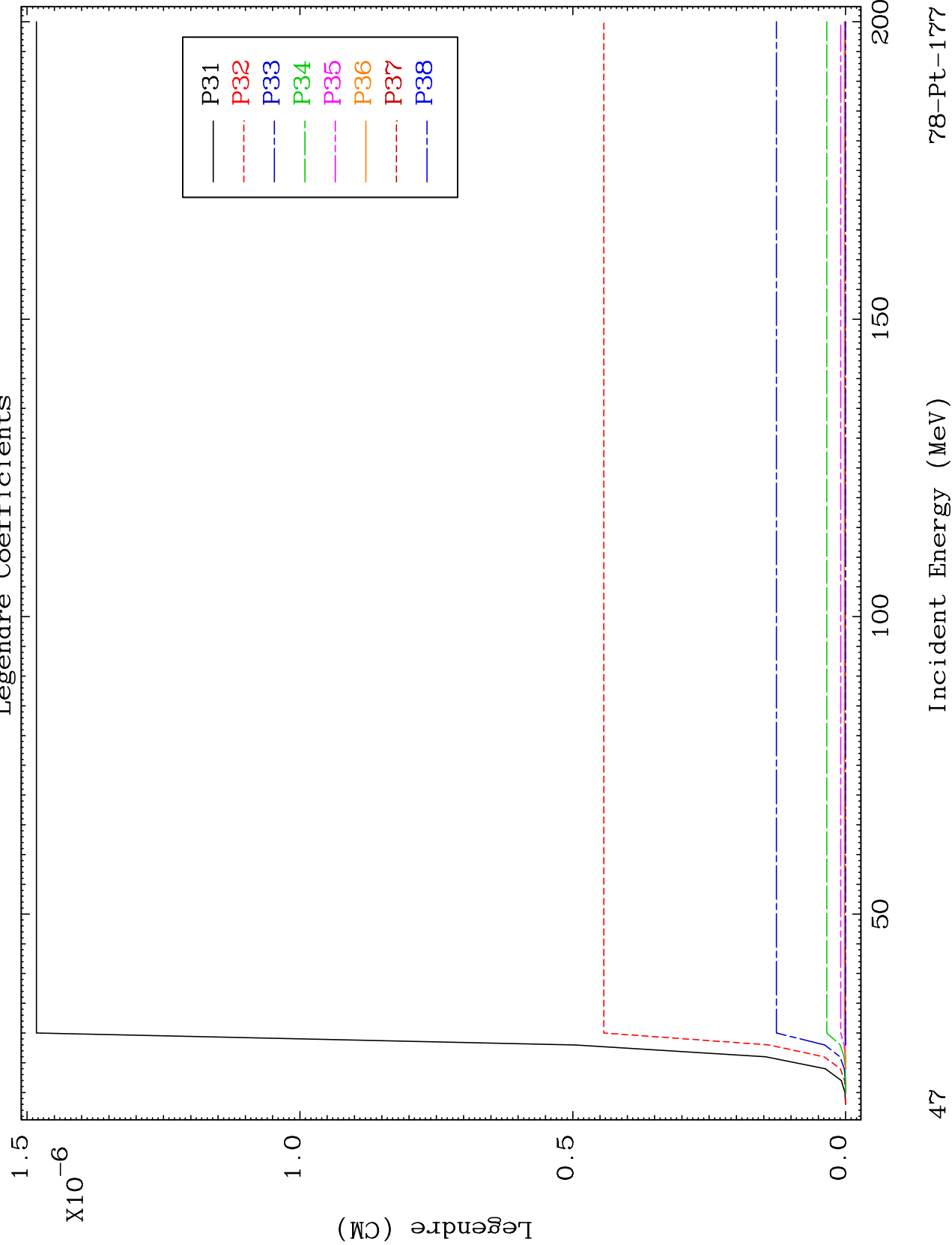
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



47

Incident Energy (MeV)

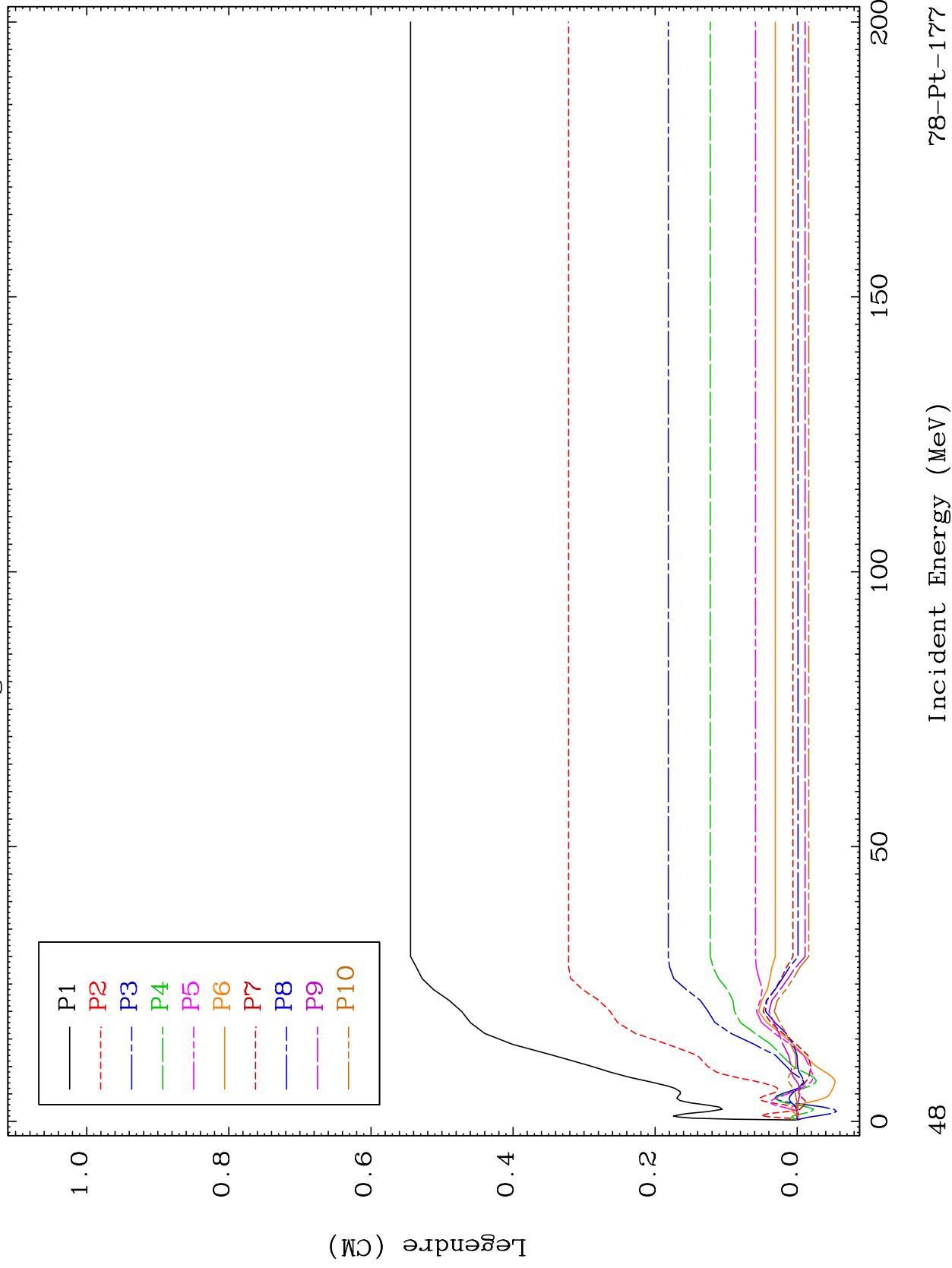
78-Pt-177



MAT 7786

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

78-Pt-177



78-Pt-177

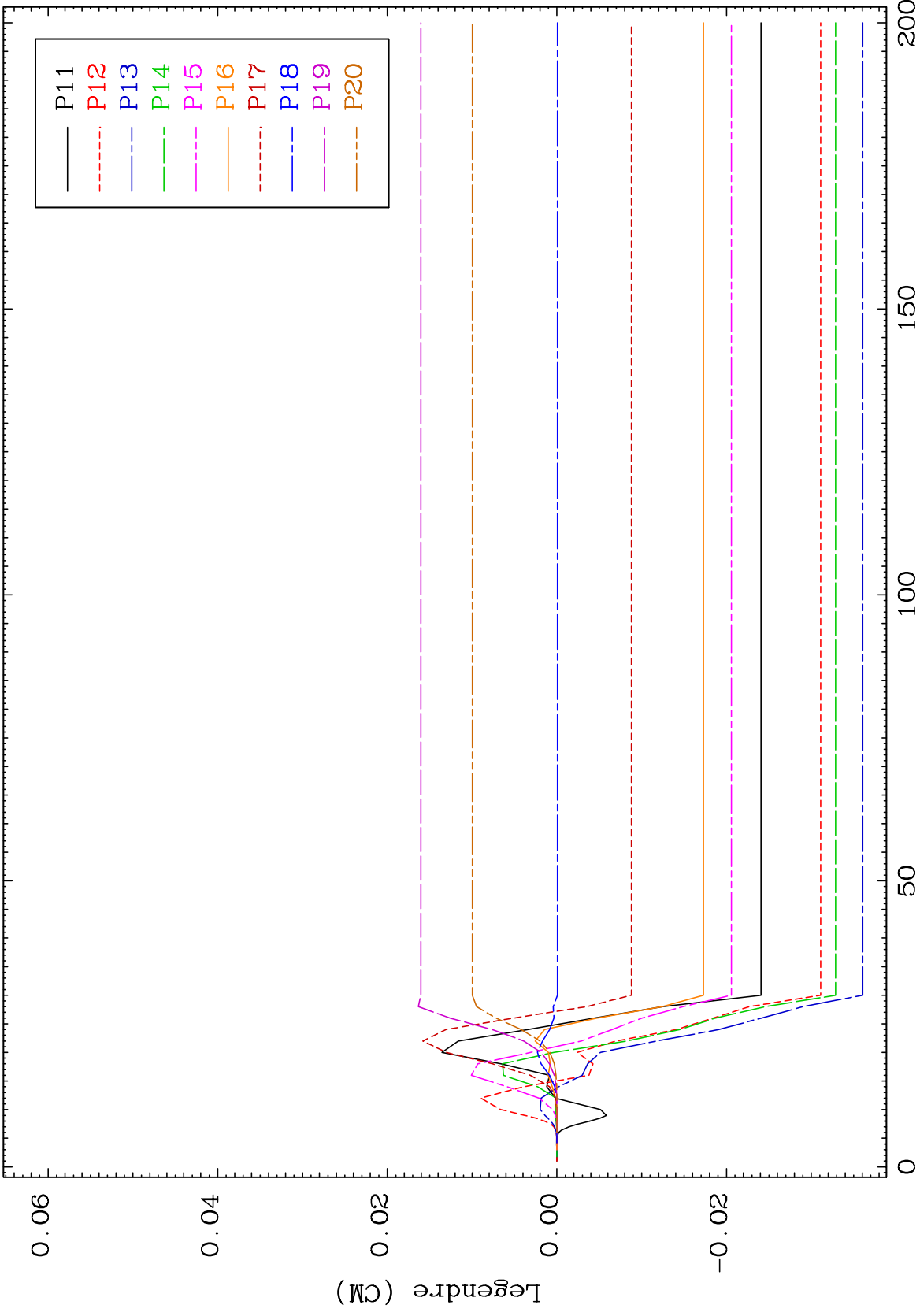
Incident Energy (MeV)

48

MAT 7786

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

78-Pt-177



49

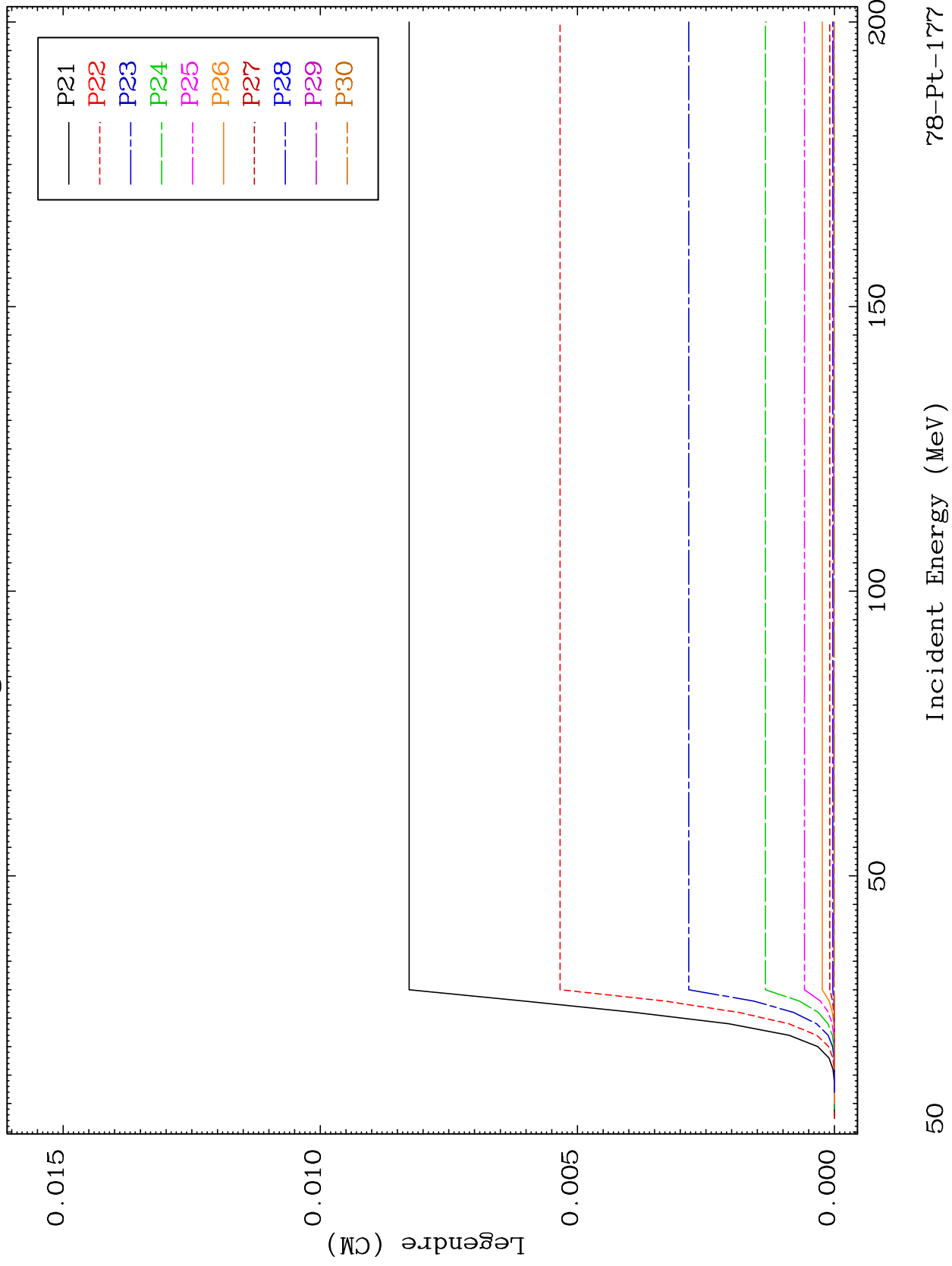
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

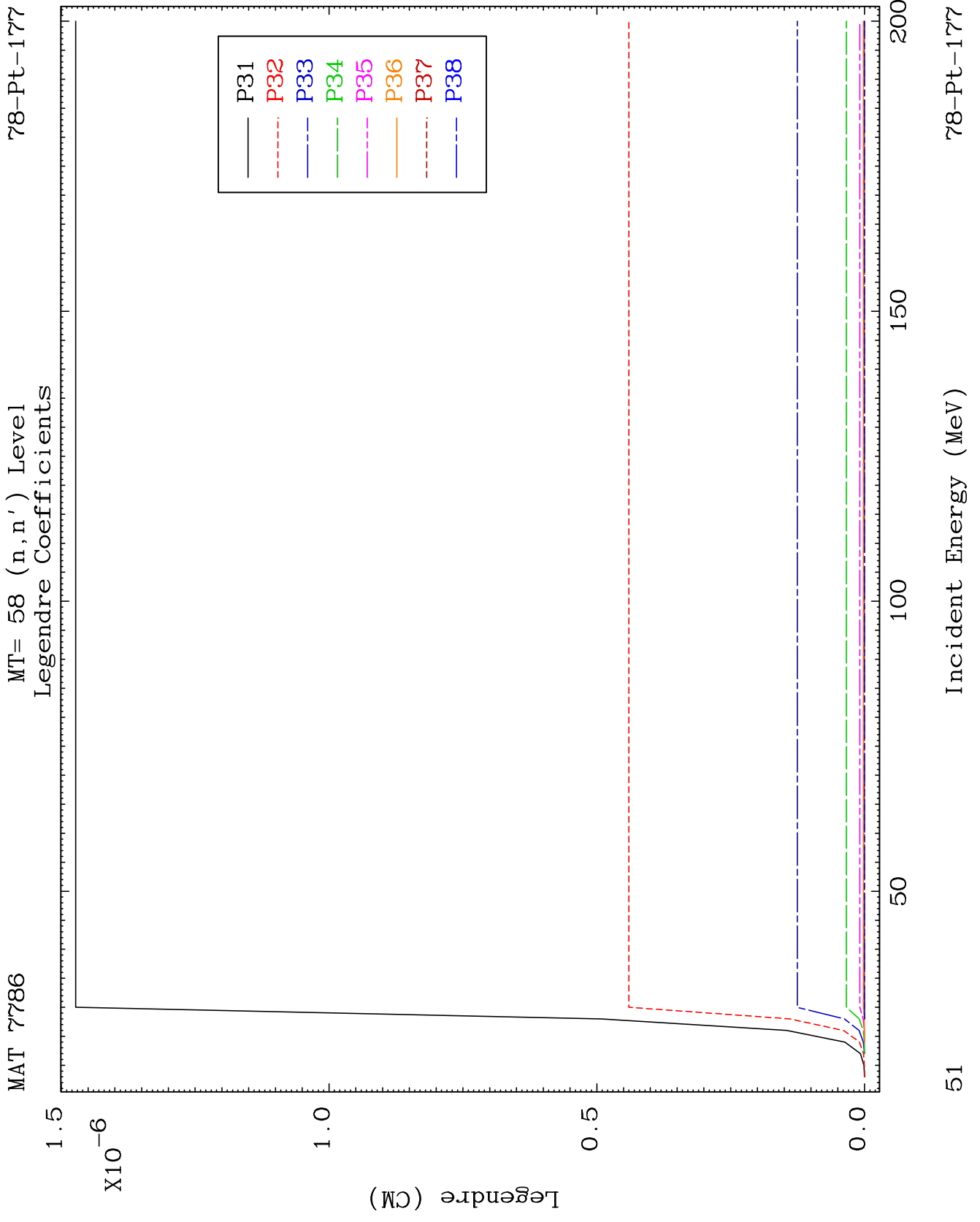
78-Pt-177



78-Pt-177

Incident Energy (MeV)

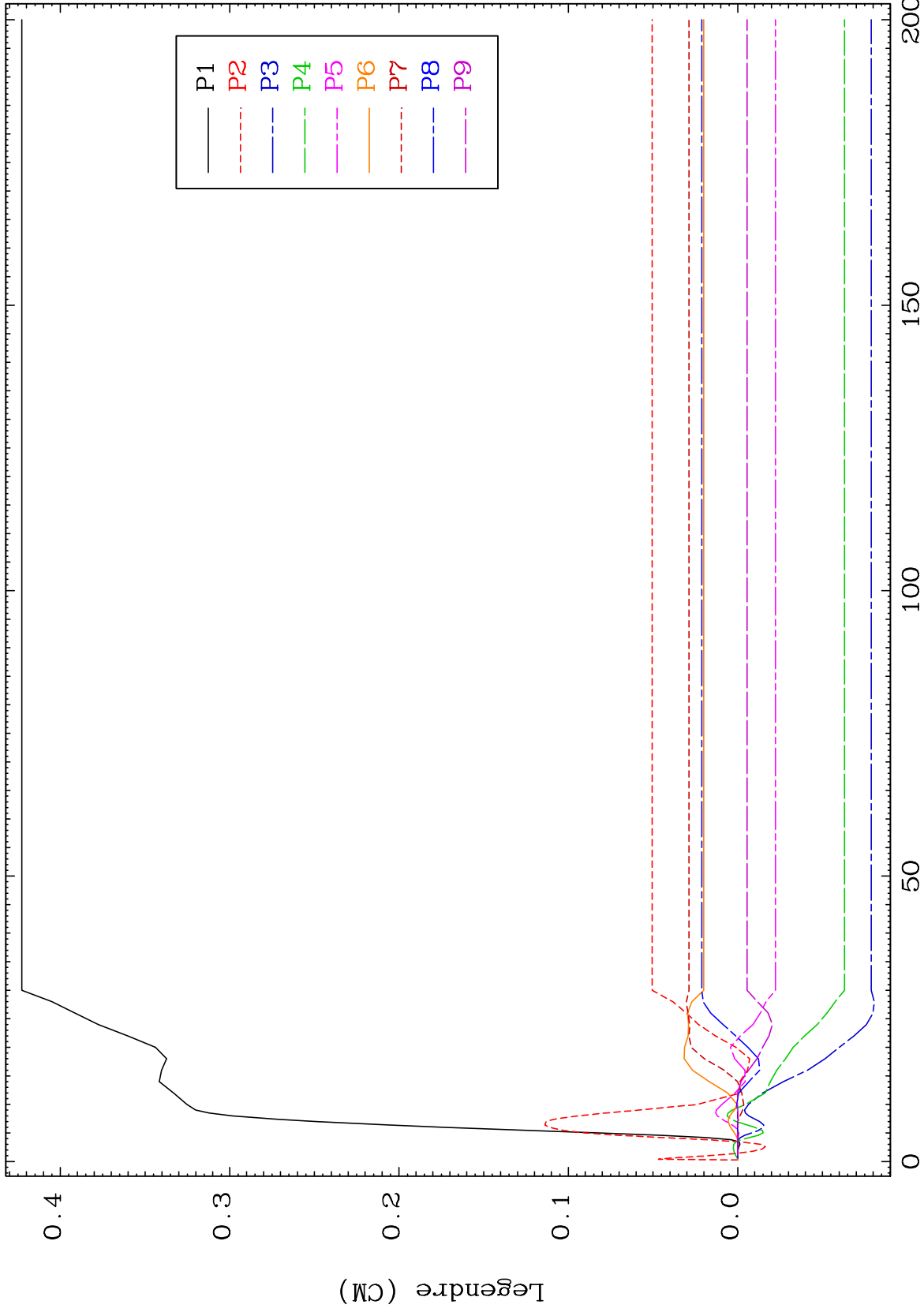
50



MAT 7786

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

78-Pt-177



52

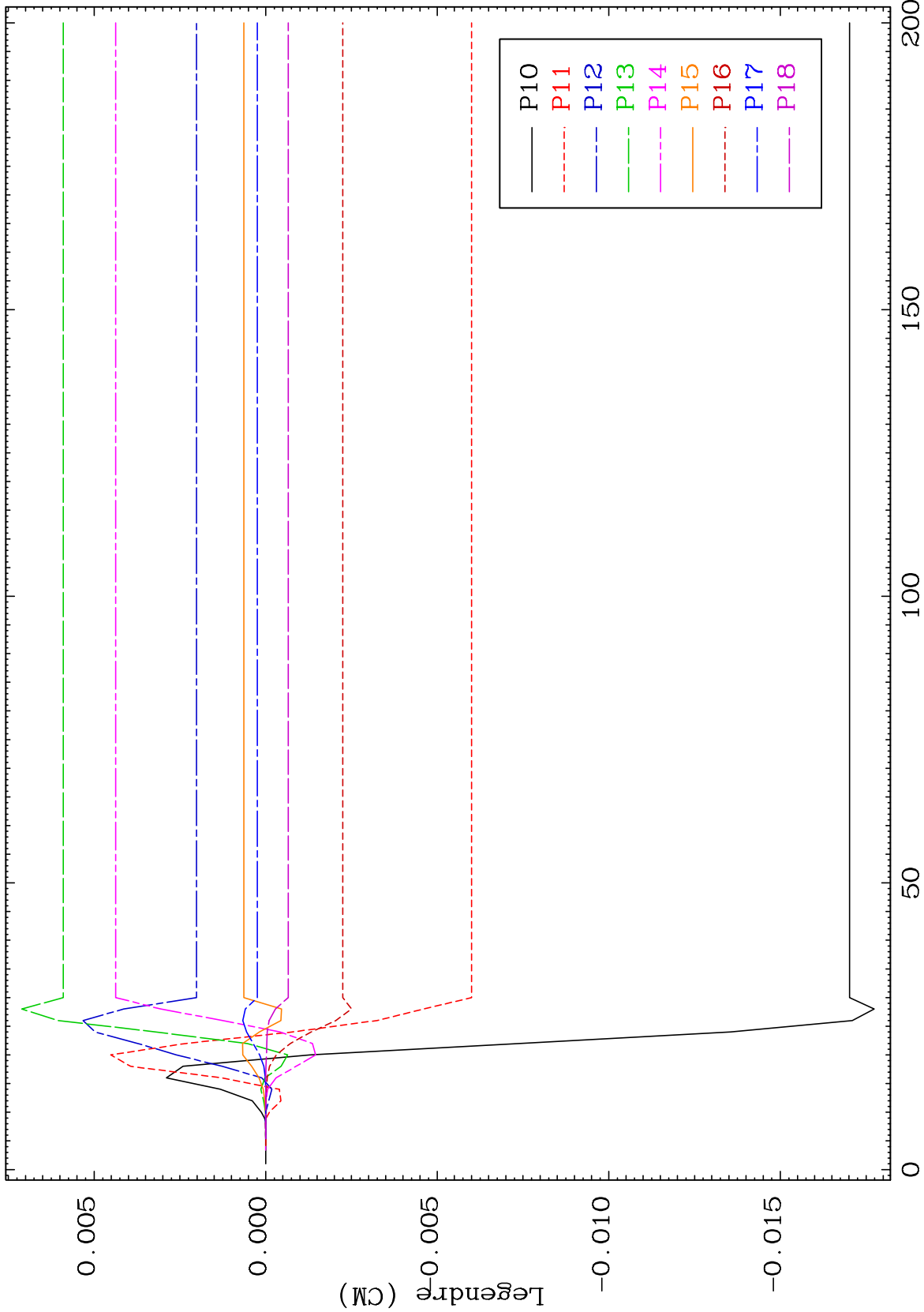
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



53

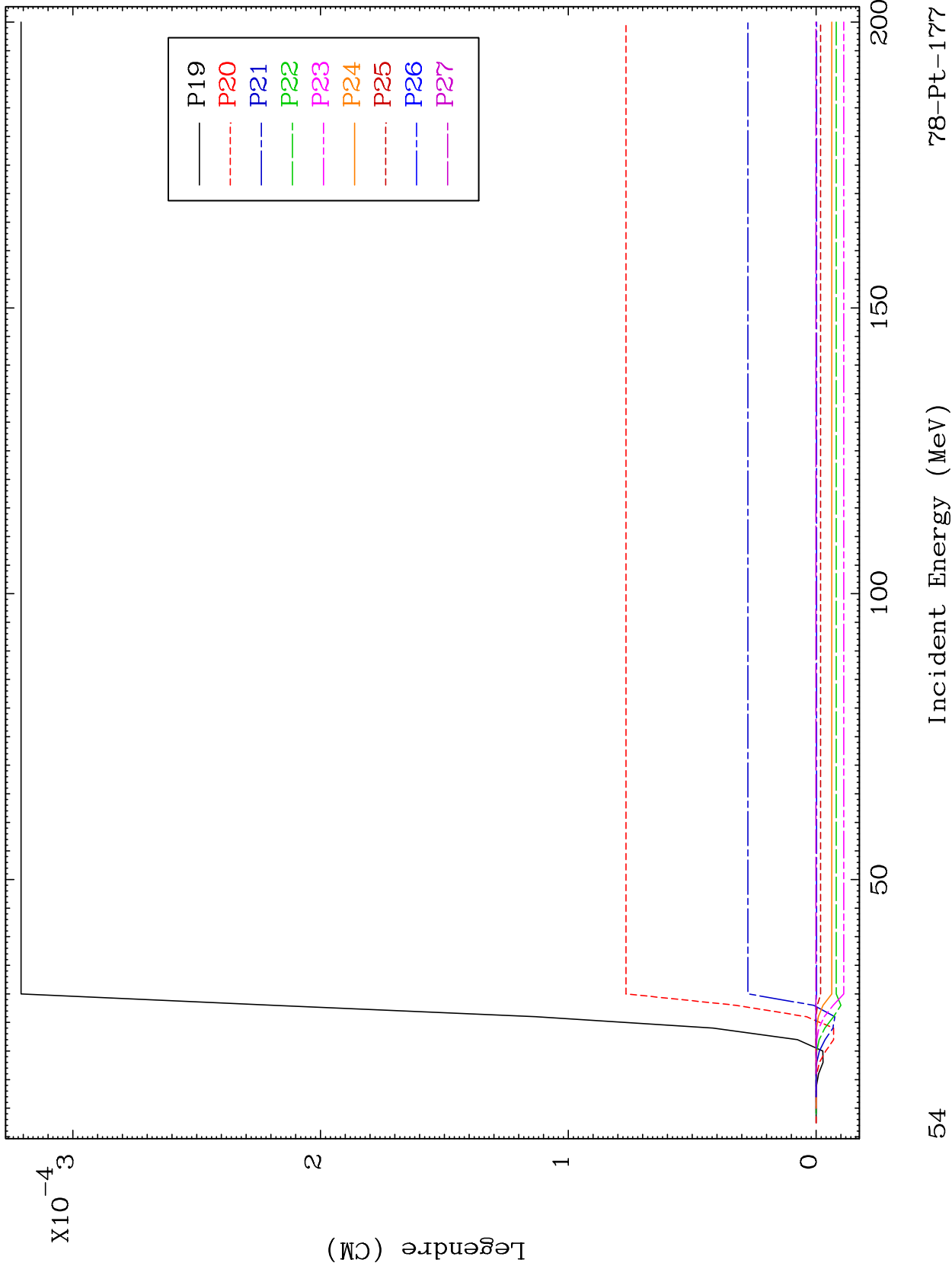
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



54

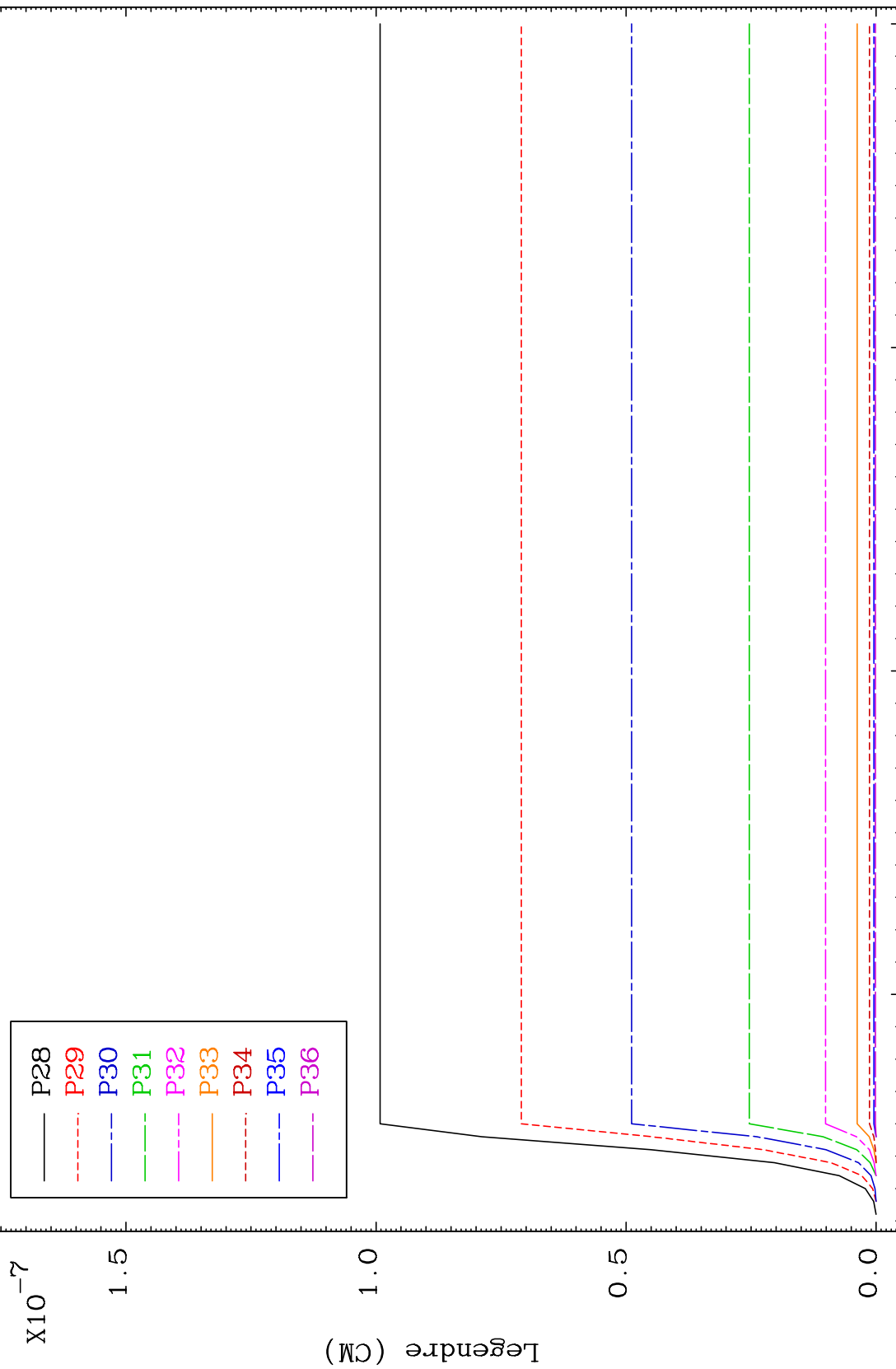
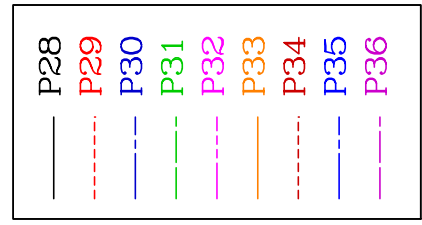
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



55

Incident Energy (MeV)

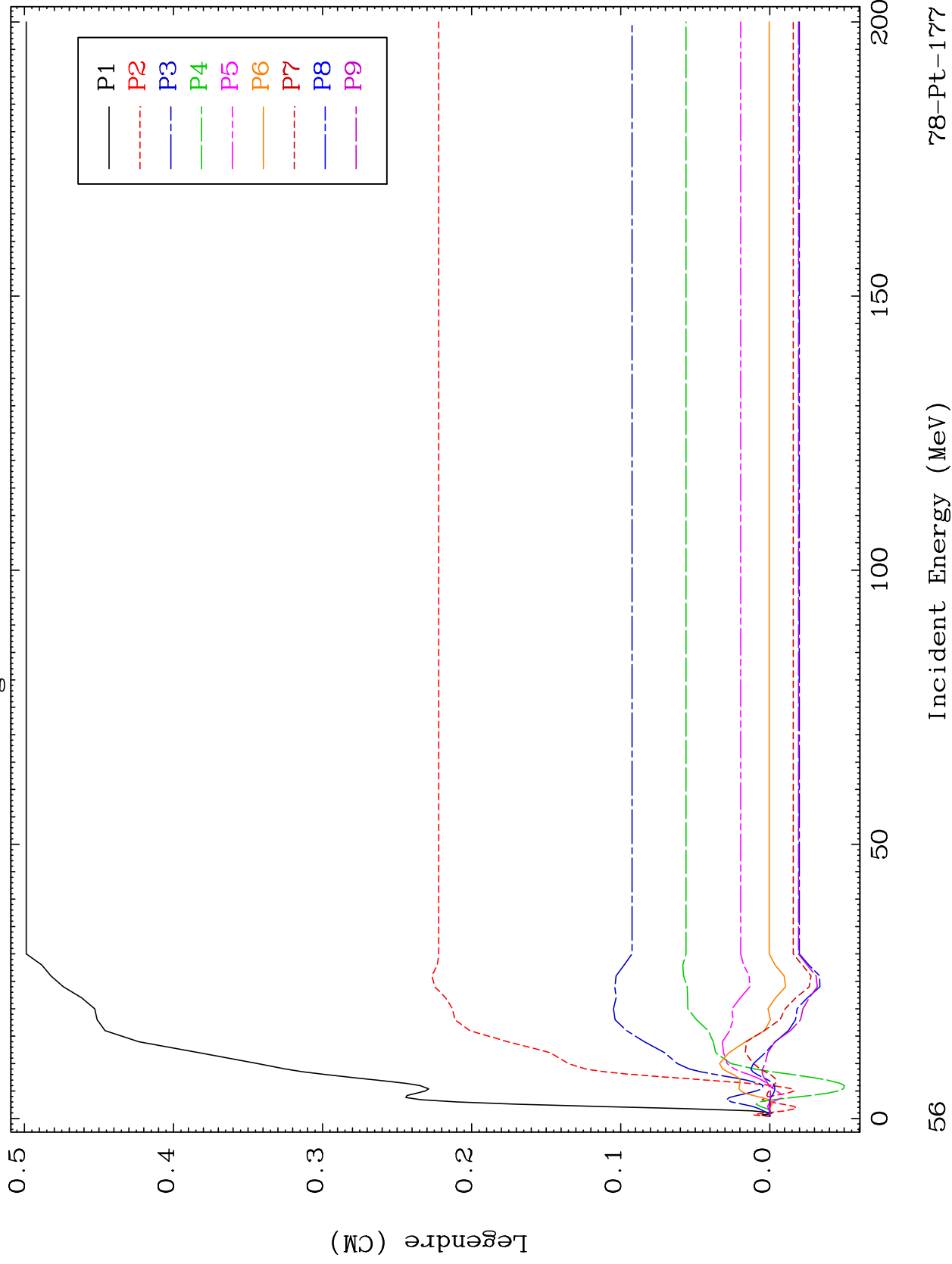
78-Pt-177



MAT 7786

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

78-Pt-177



78-Pt-177

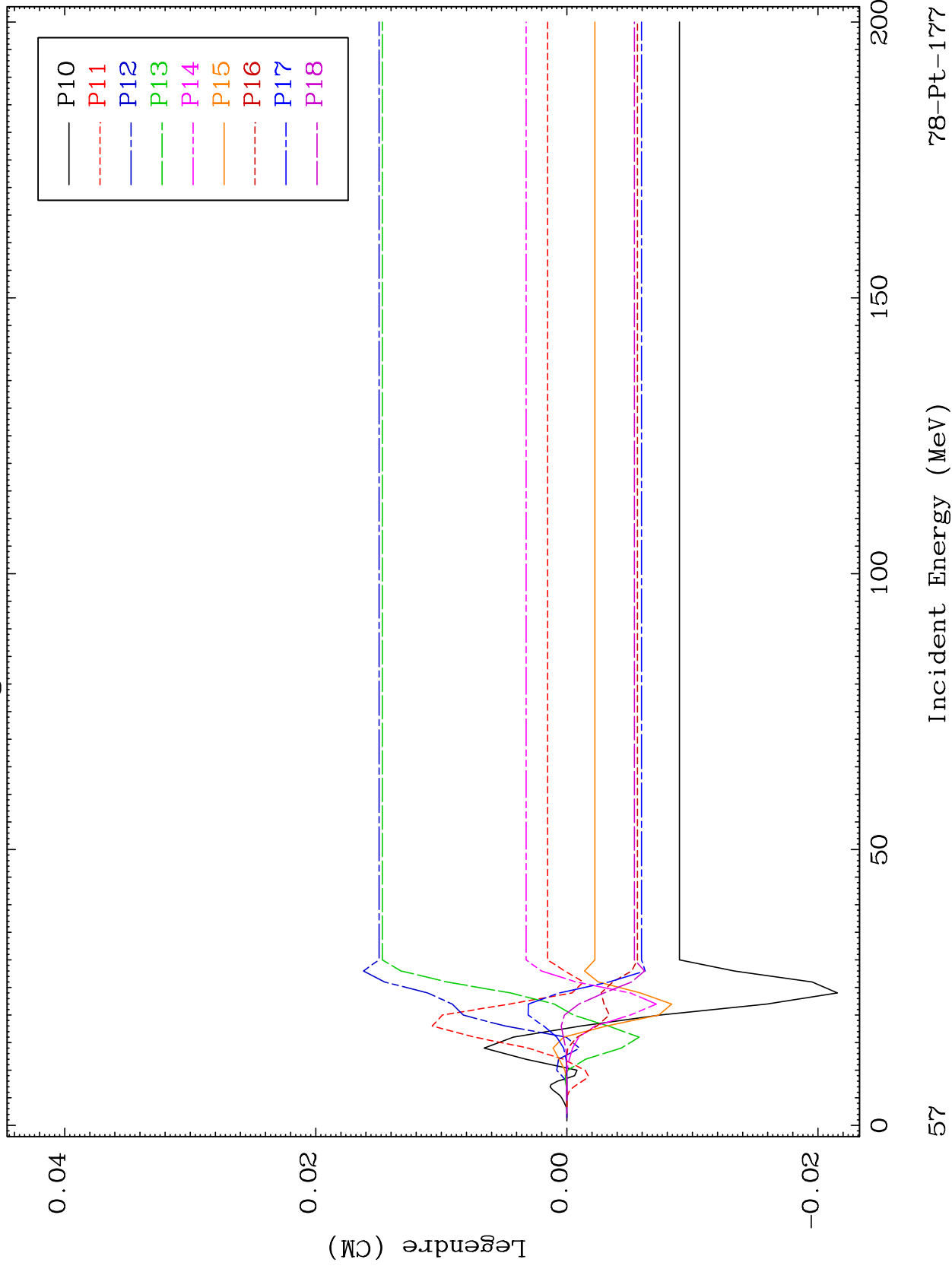
Incident Energy (MeV)

56

MAT 7786

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

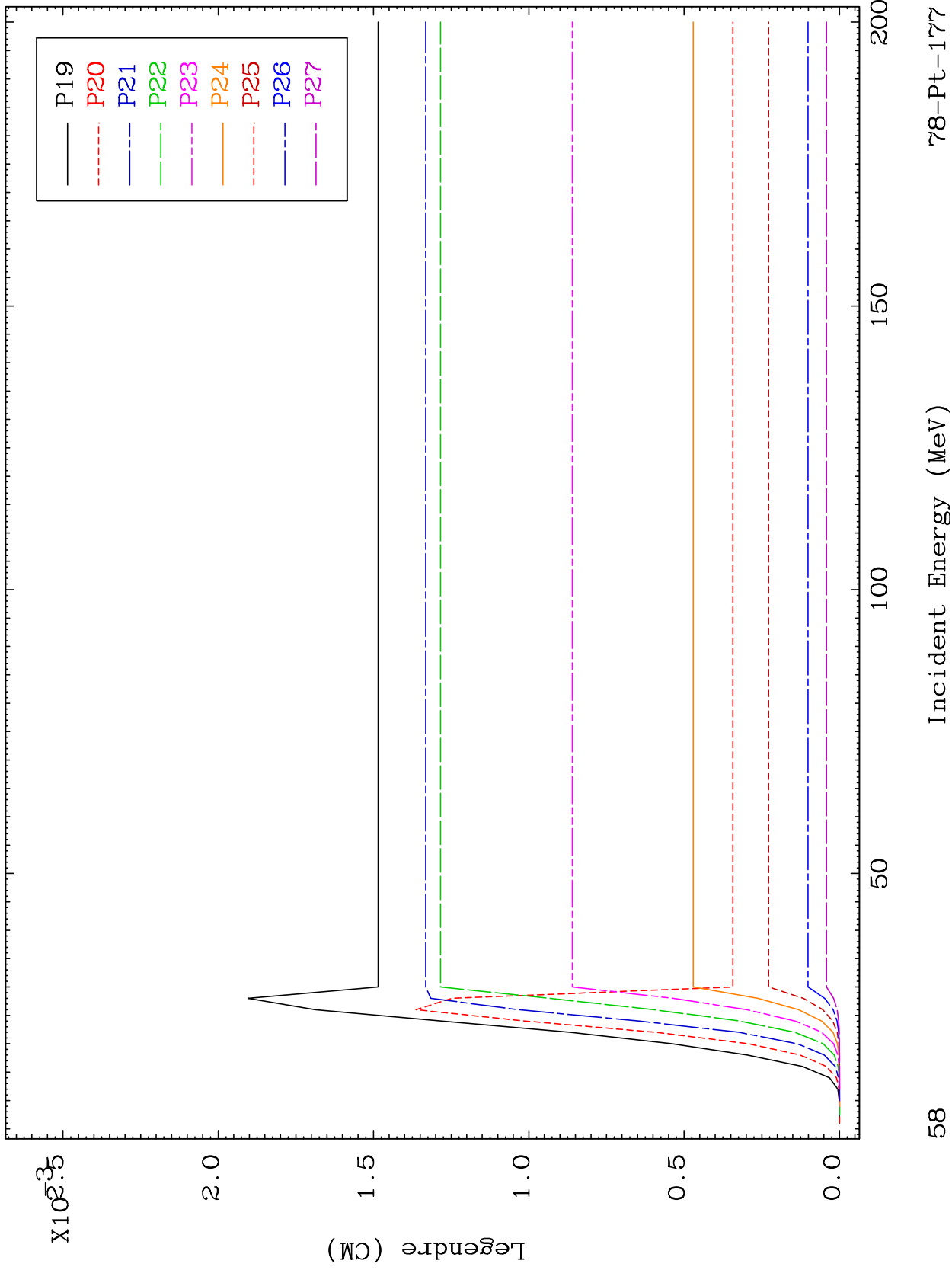
78-Pt-177



57

Incident Energy (MeV)

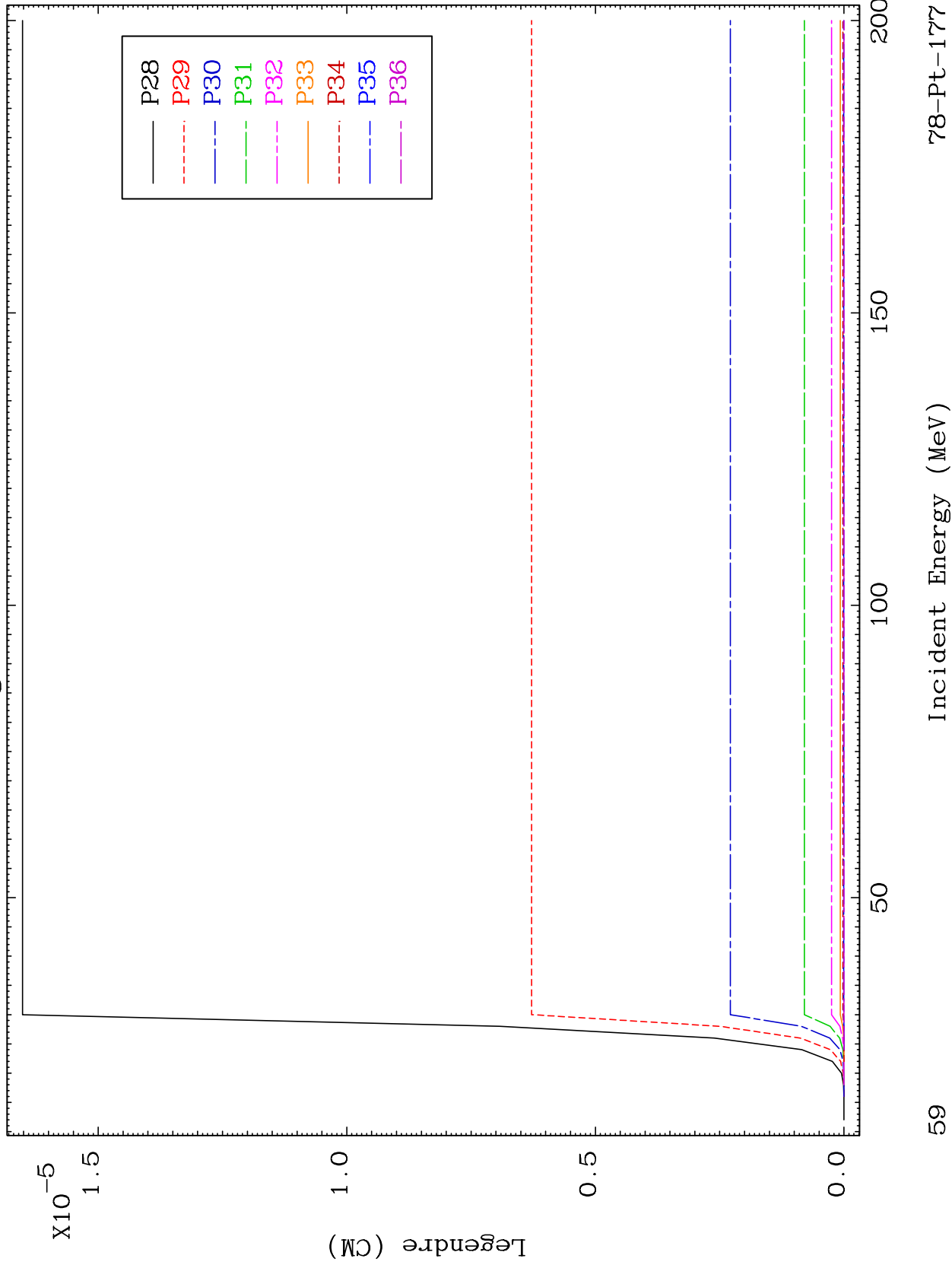
78-Pt-177



MAT 7786

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

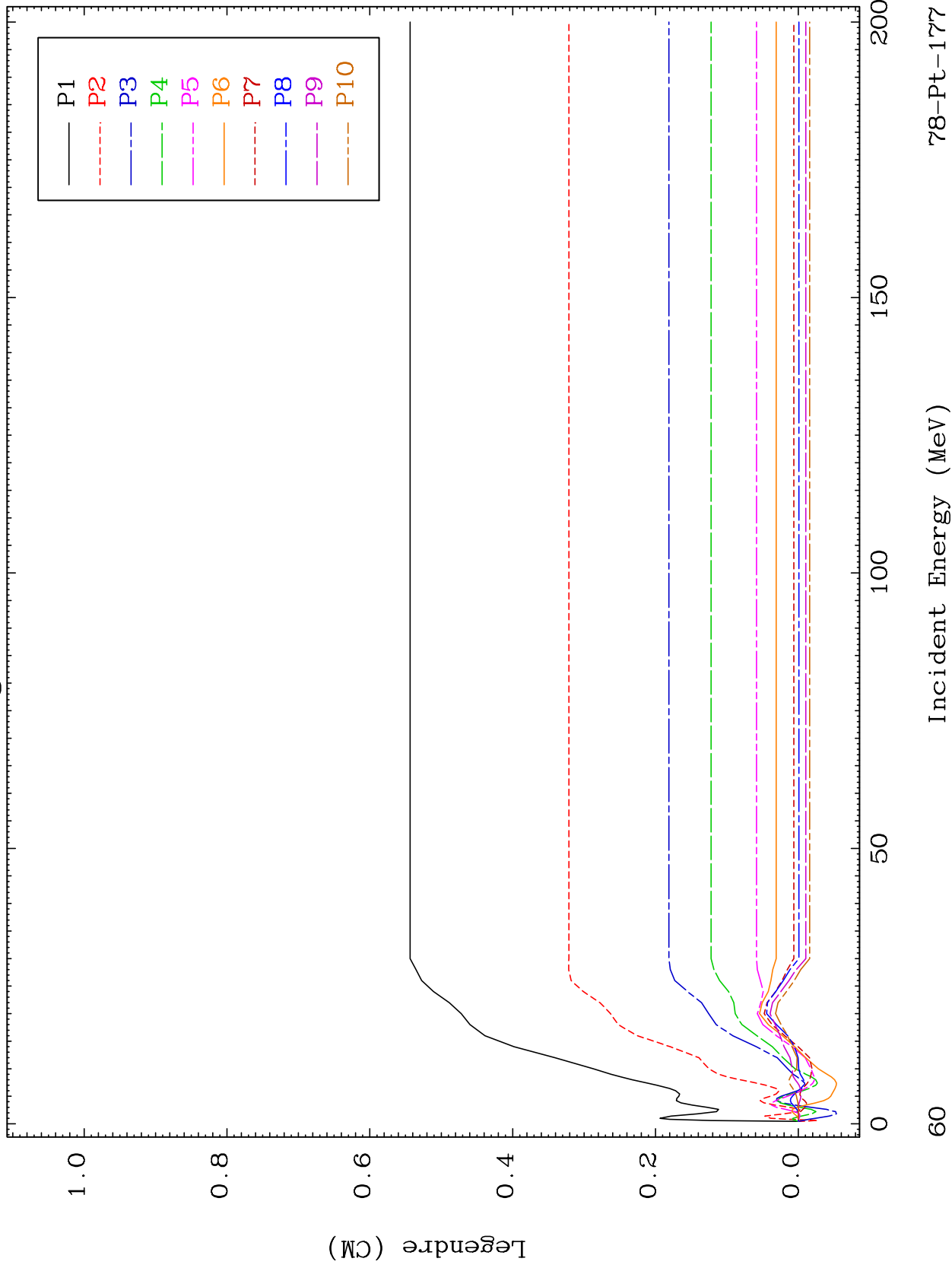
78-Pt-177



MAT 7786

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

78-Pt-177

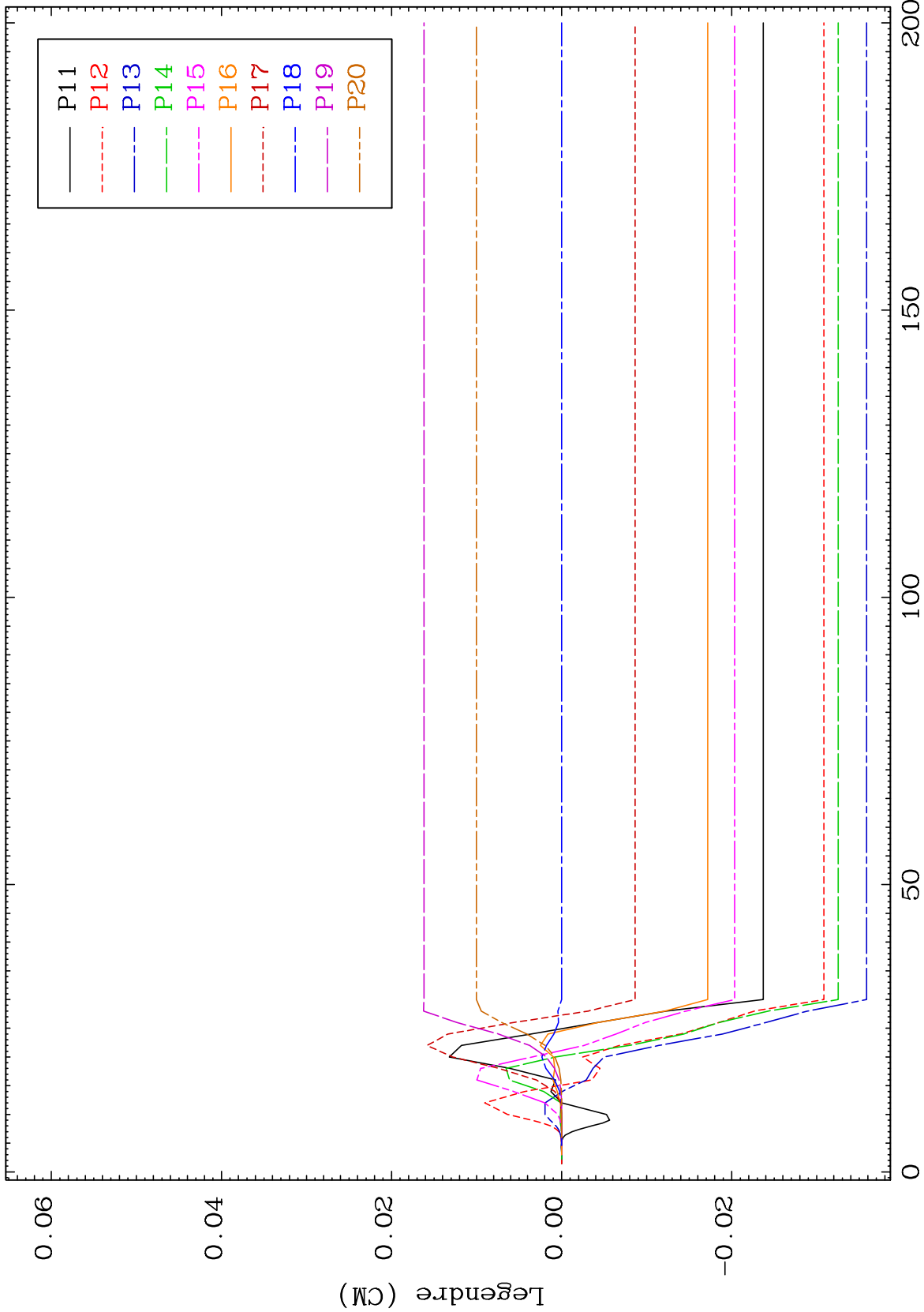


78-Pt-177

MAT 7786

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

78-Pt-177



61

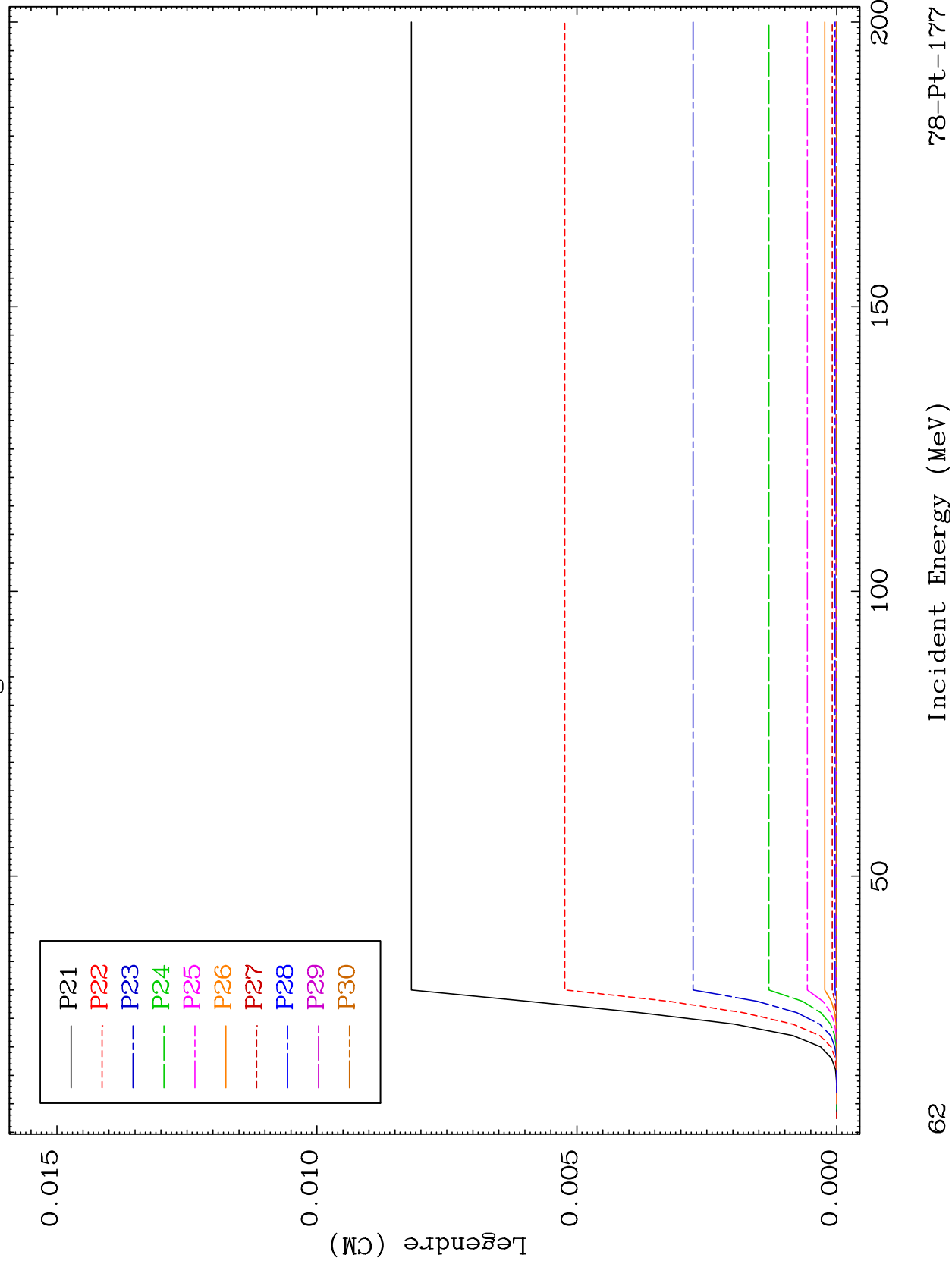
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



62

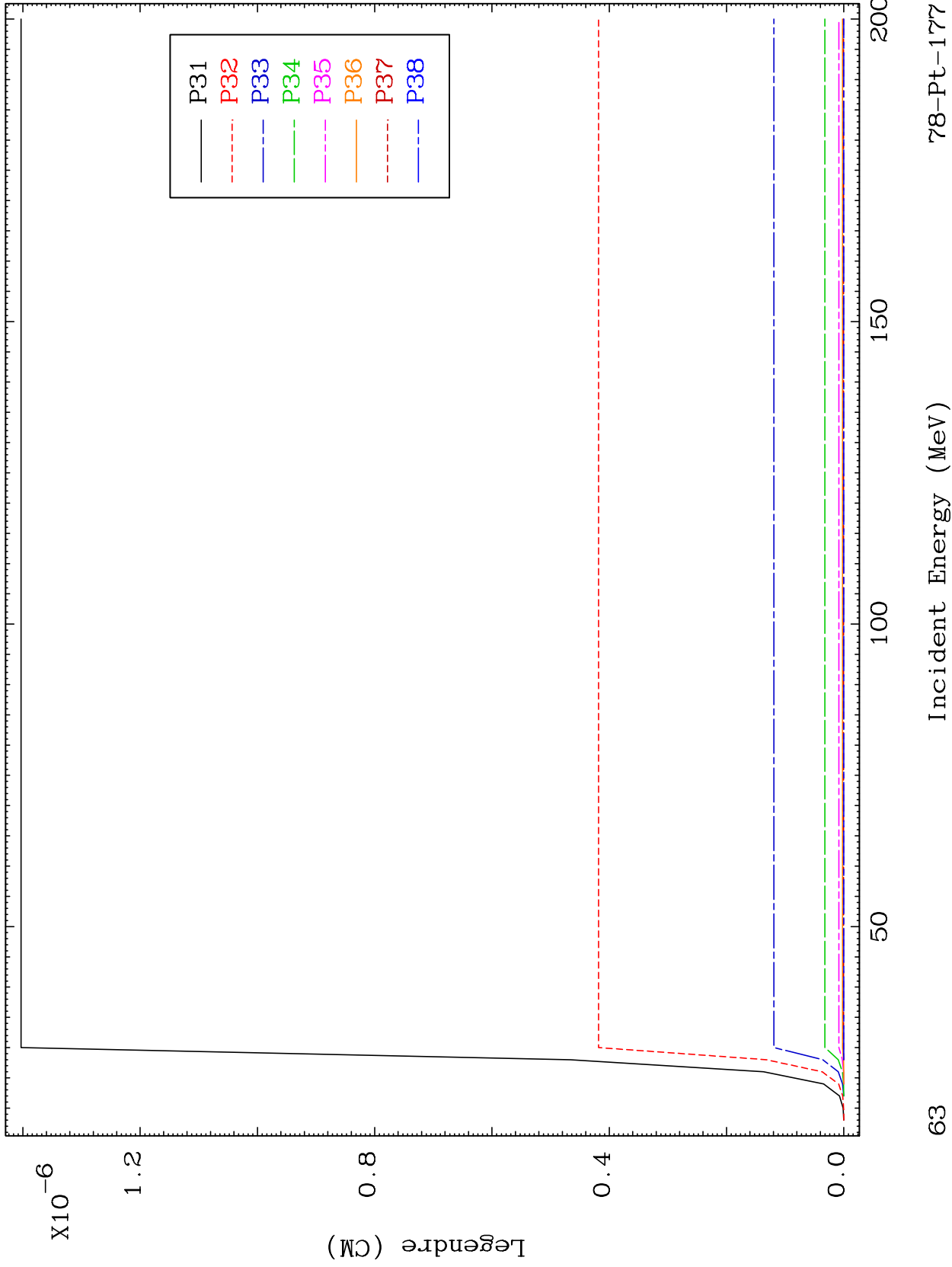
Incident Energy (MeV)

78-Pt-177

MAT 7786

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

78-Pt-177



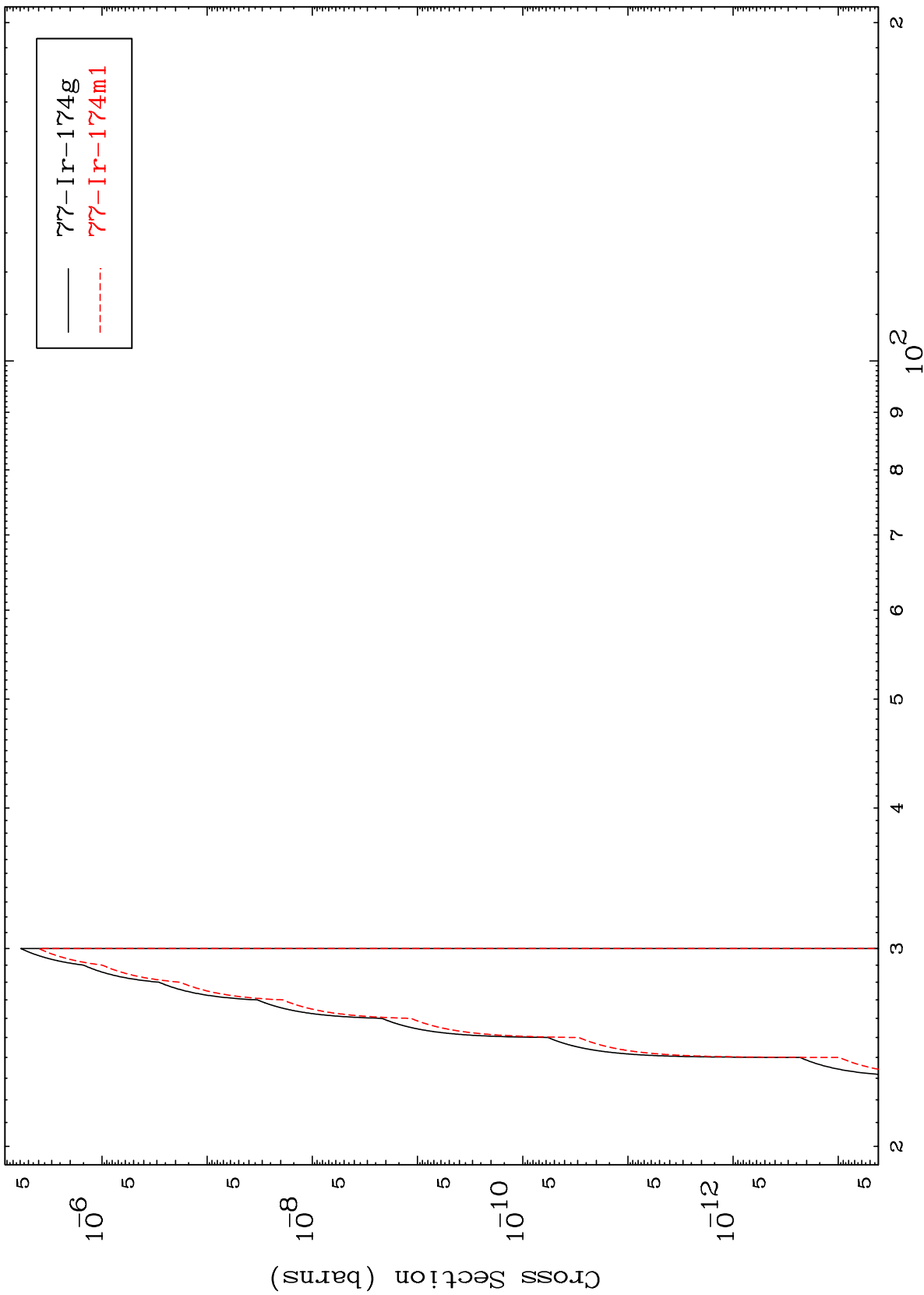


MAT 7786

(n,2n) d

78-Pt-177

Radionuclide Production Cross Section



77-Ir-174g  
77-Ir-174m1

64

Incident Energy (MeV)

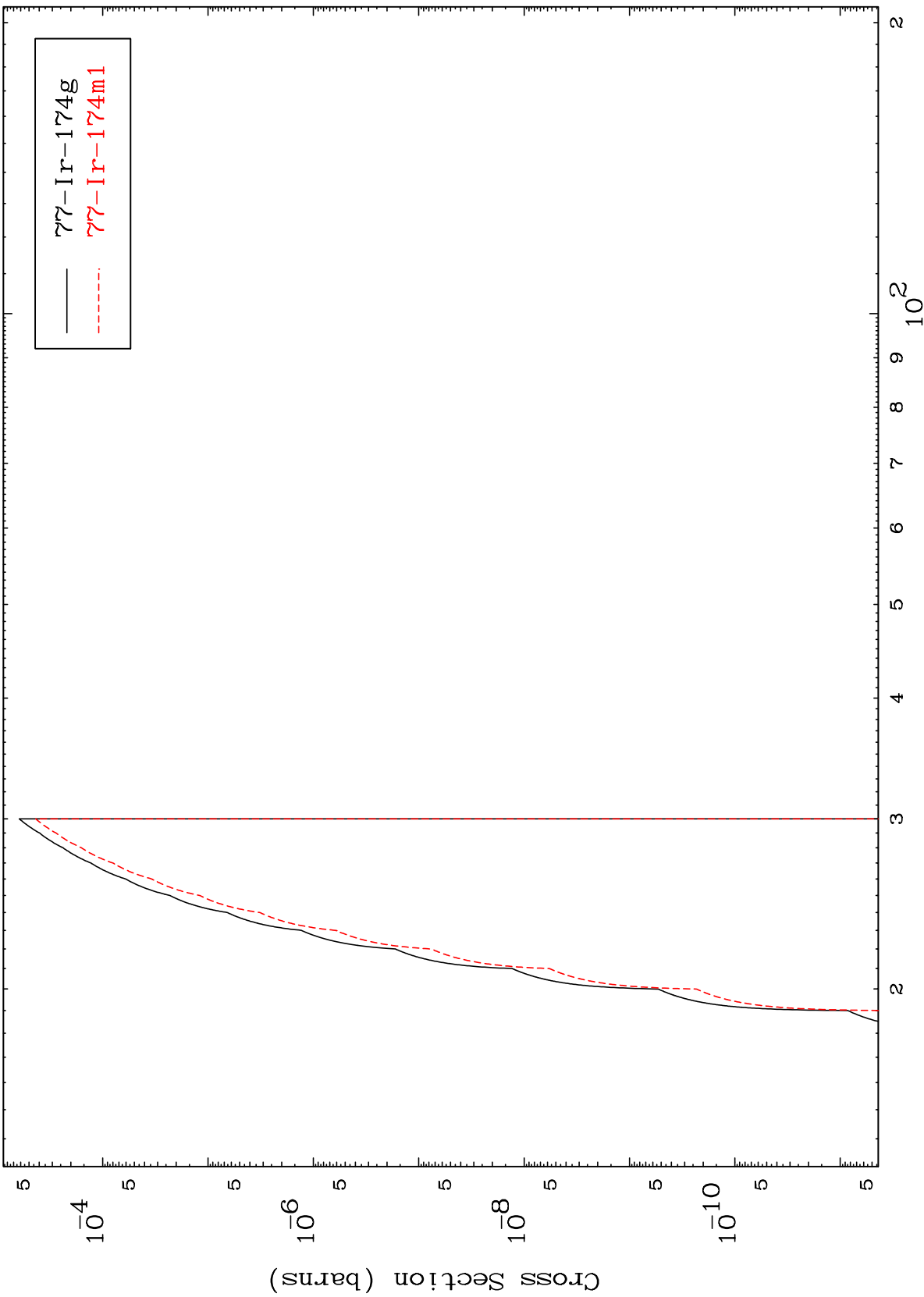
78-Pt-177

MAT 7786

(n,n') t

78-Pt-177

Radionuclide Production Cross Section

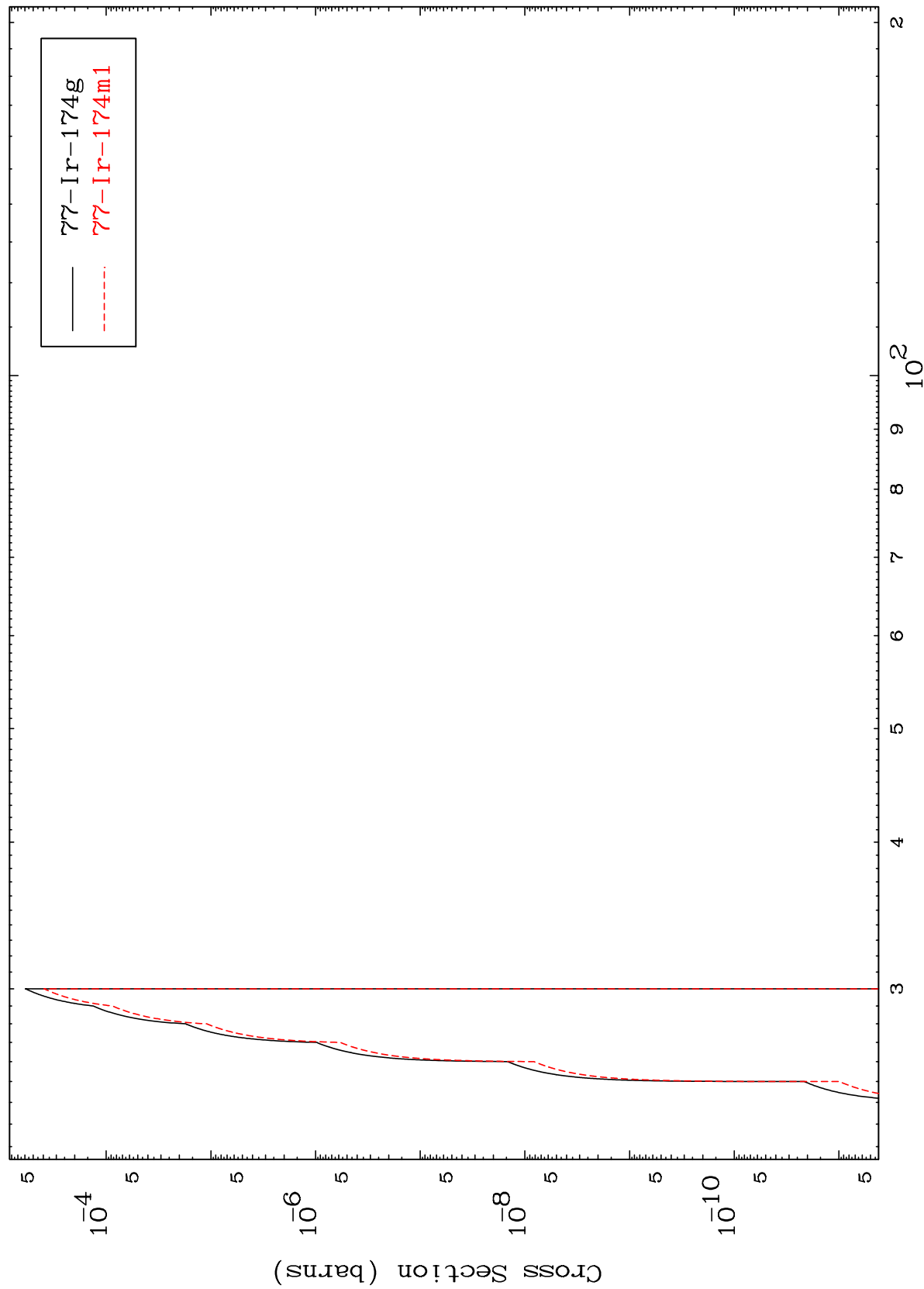


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Incident Energy (MeV)

78-Pt-177

Radionuclide Production Cross Section

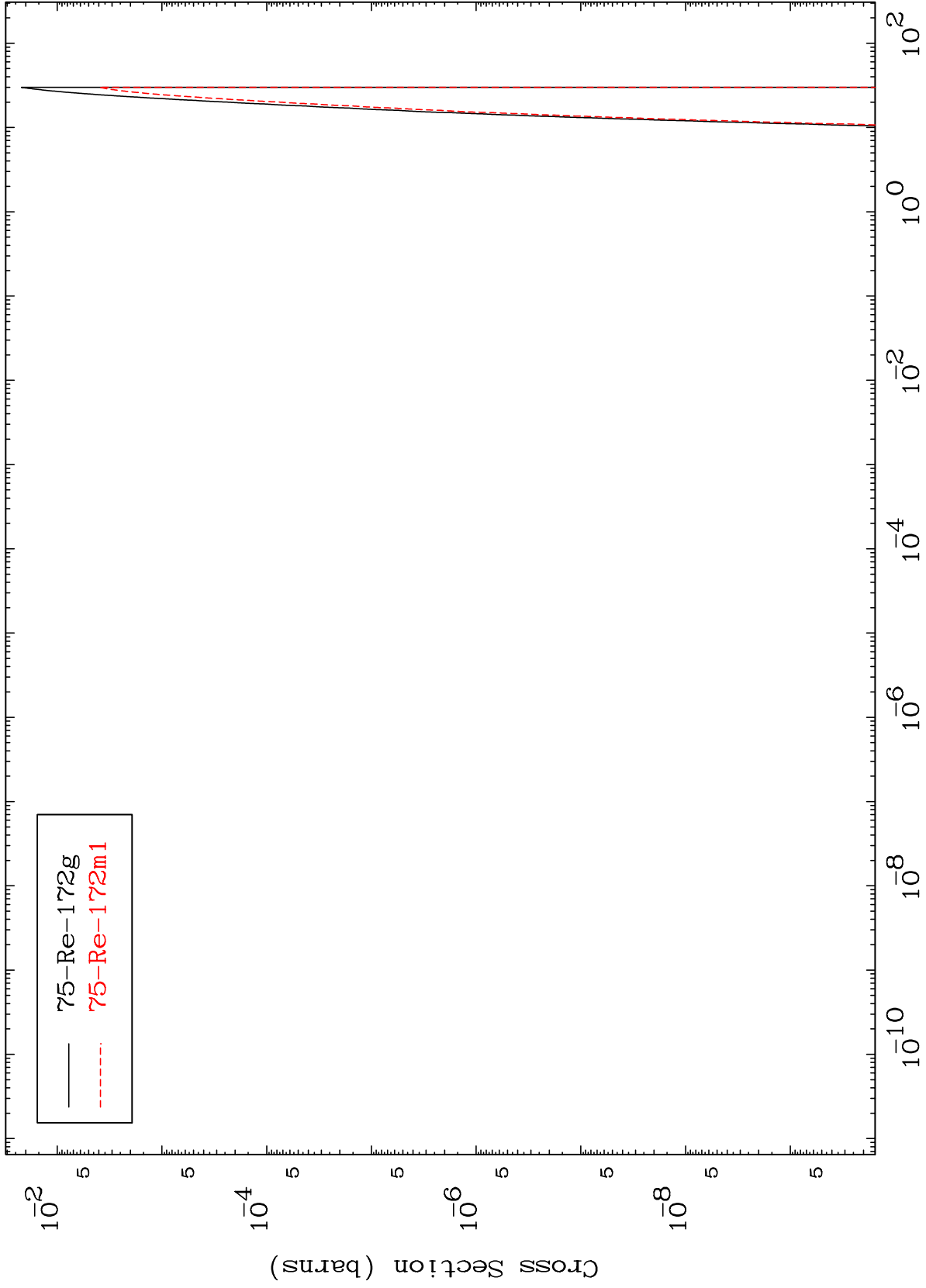


MAT 7786

(n,n') p  $\alpha$

78-Pt-177

Radionuclide Production Cross Section



67

Incident Energy (MeV)

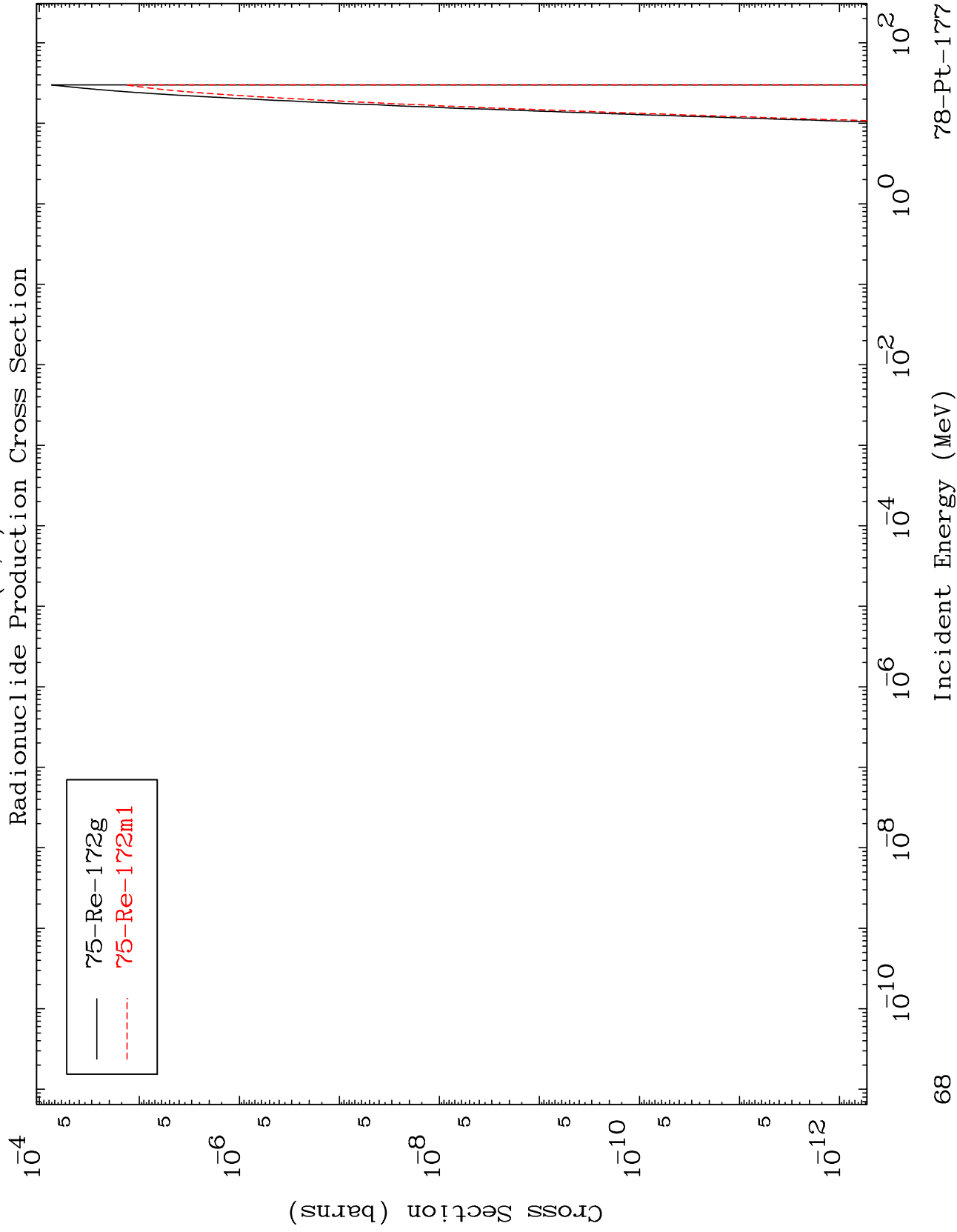
78-Pt-177

MAT 7786

(n,d)  $\alpha$

78-Pt-177

Radionuclide Production Cross Section



68

Incident Energy (MeV)

78-Pt-177