

Program EVALPLOT  
(Version 2021-1)

by

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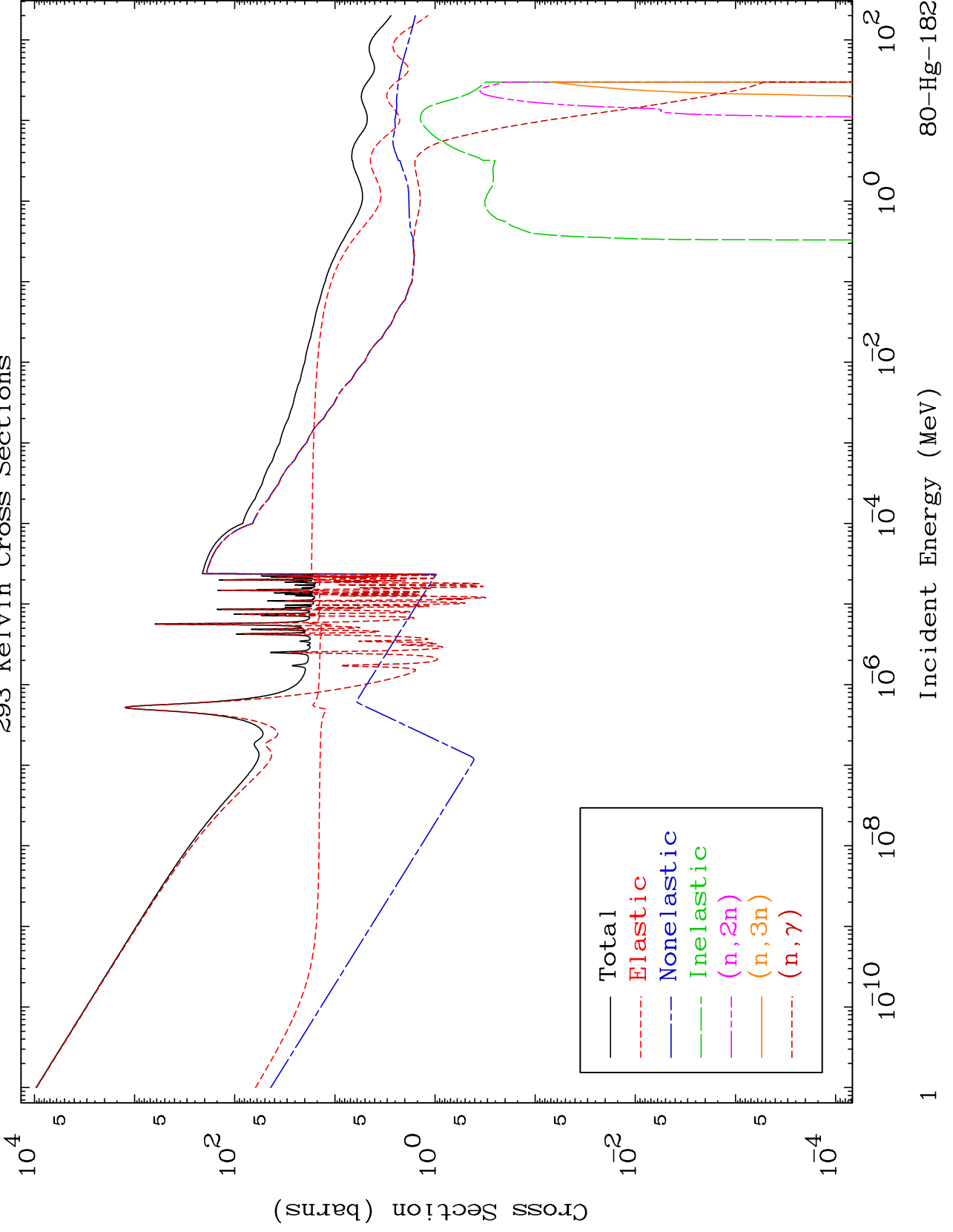
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Press Mouse Button to Start

MAT 7983

Neutron Major  
293 Kelvin Cross Sections

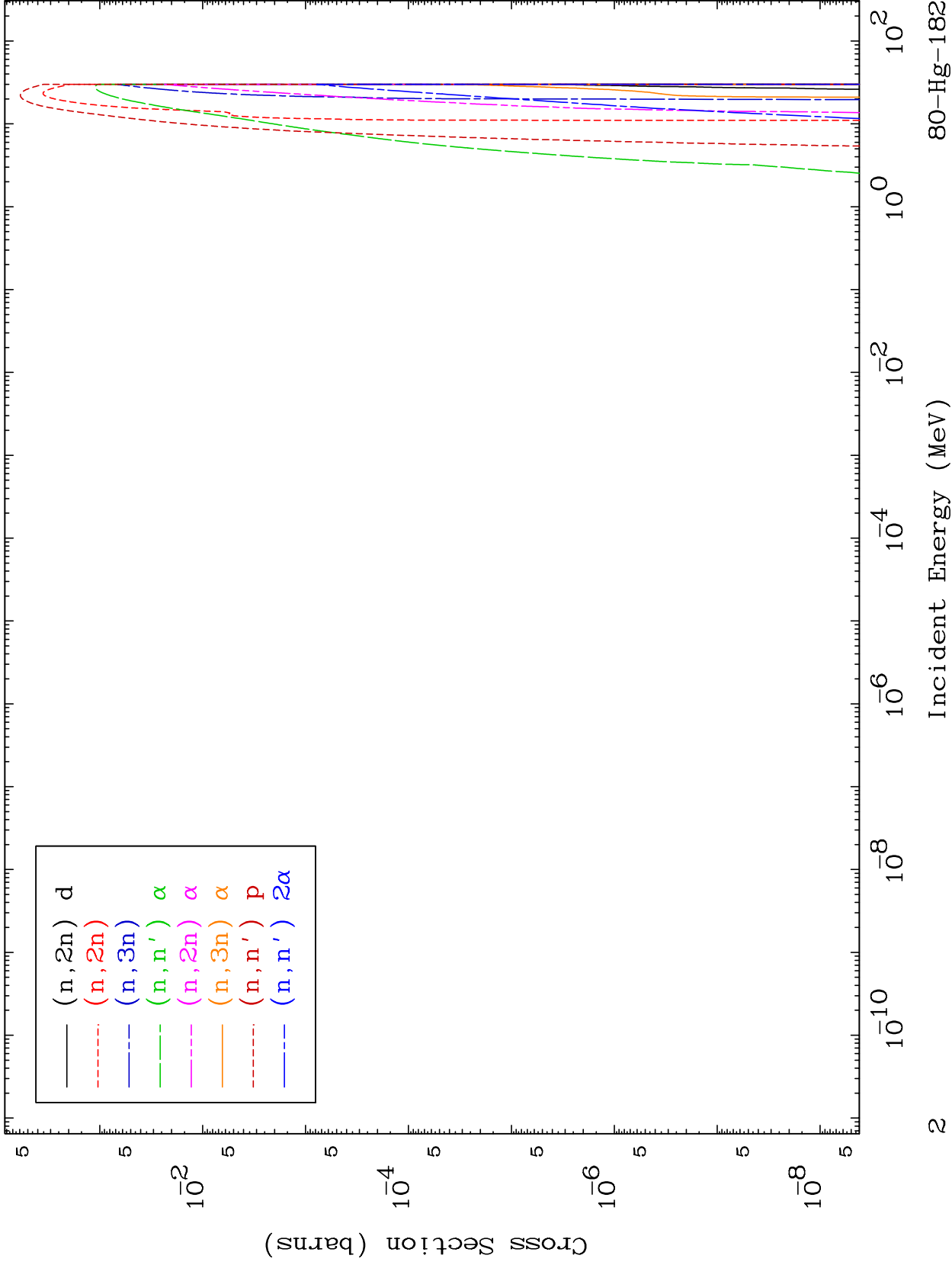
80-Hg-182



MAT 7983

Neutron Absorption  
293 Kelvin Cross Sections

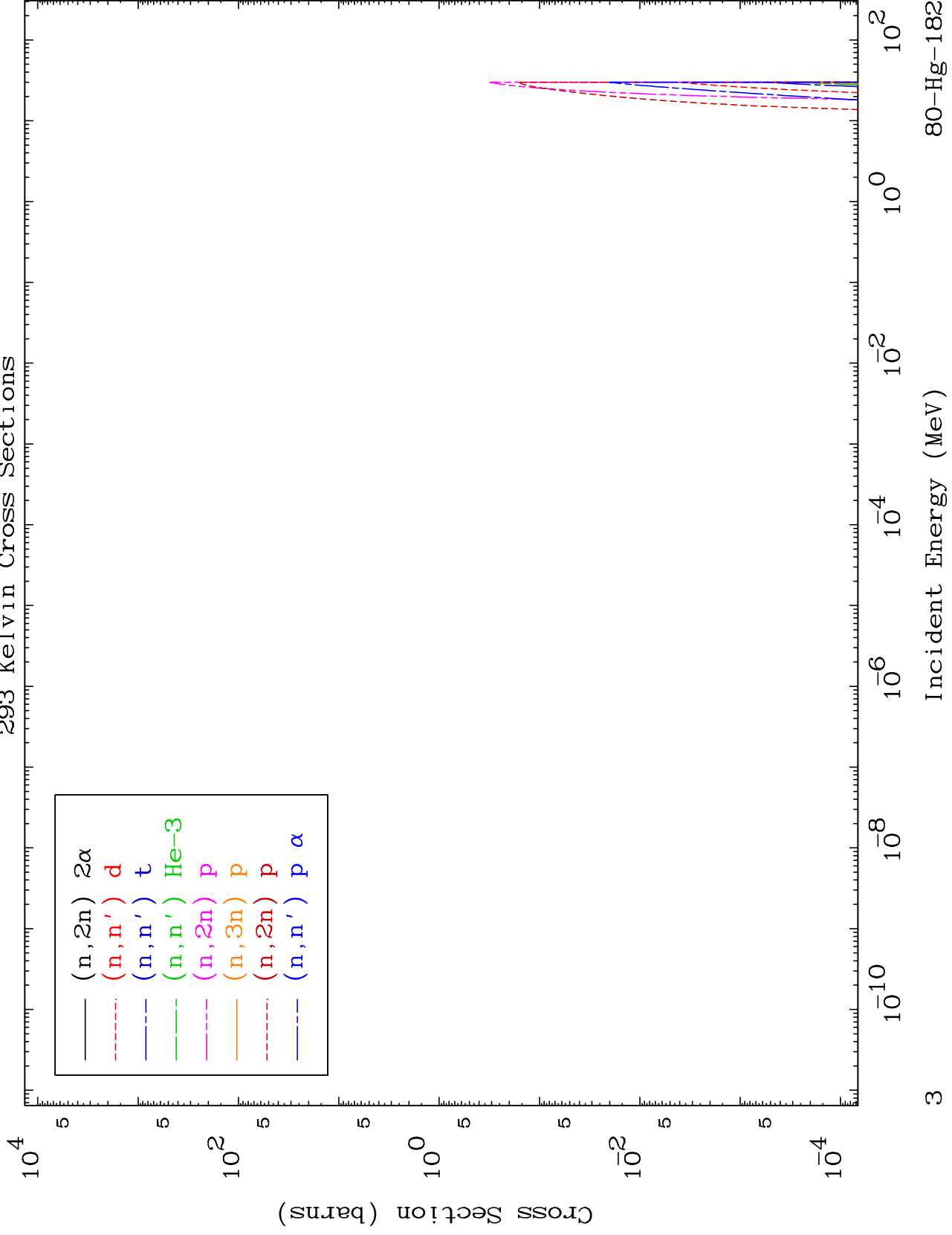
80-Hg-182



MAT 7983

Neutron Absorption  
293 Kelvin Cross Sections

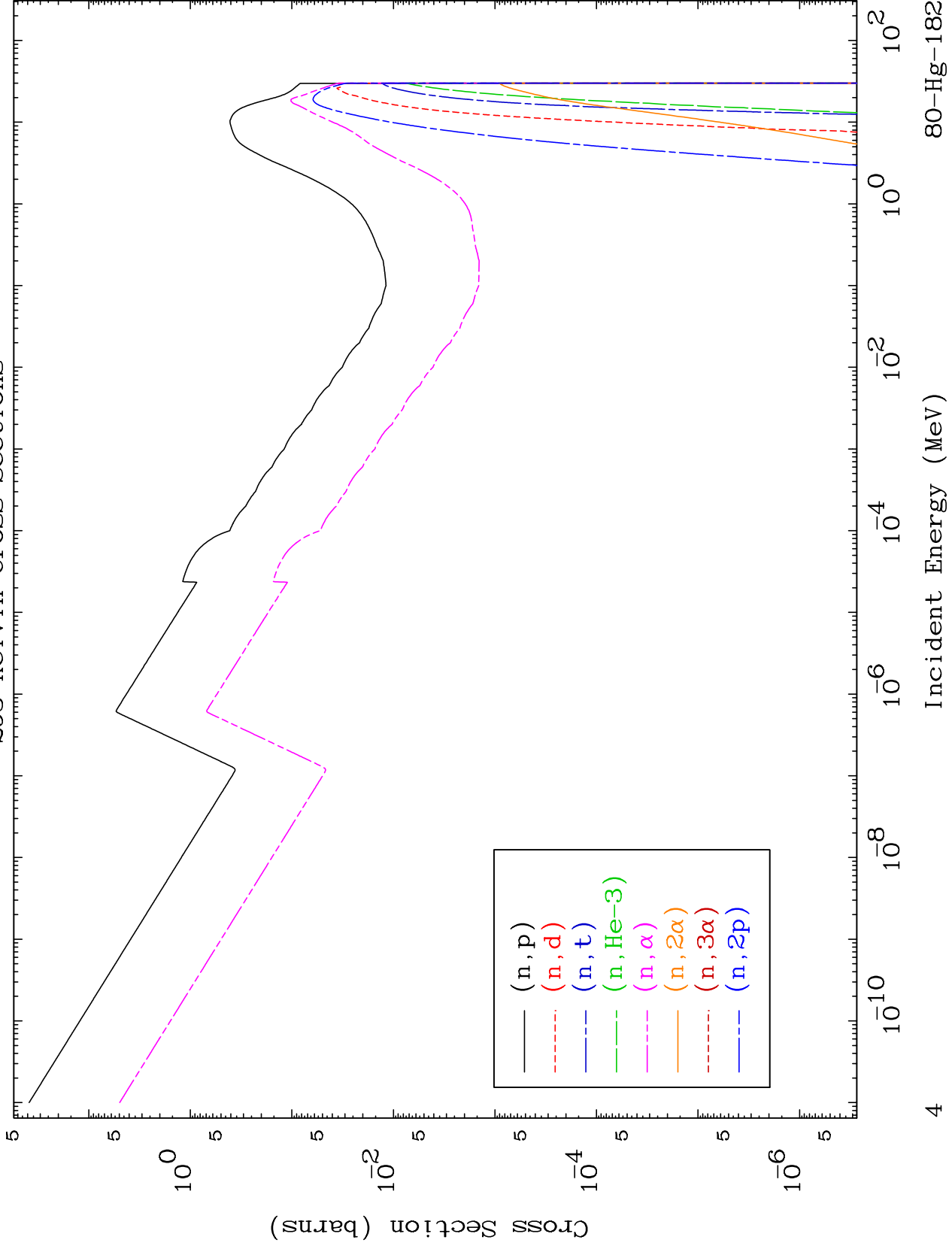
80-Hg-182



MAT 7983

Neutron Absorption  
293 Kelvin Cross Sections

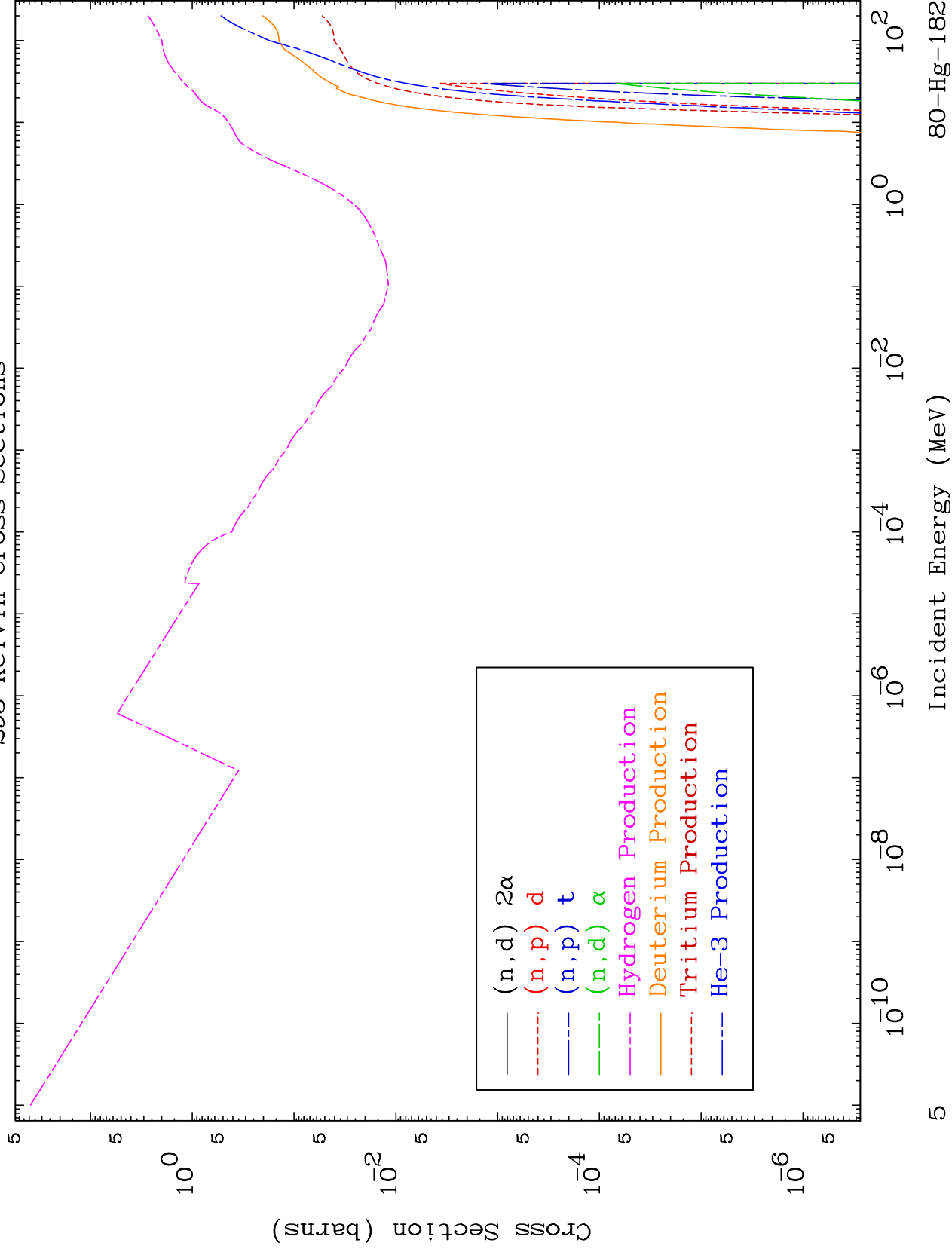
80-Hg-182



MAT 7983

Neutron Absorption  
293 Kelvin Cross Sections

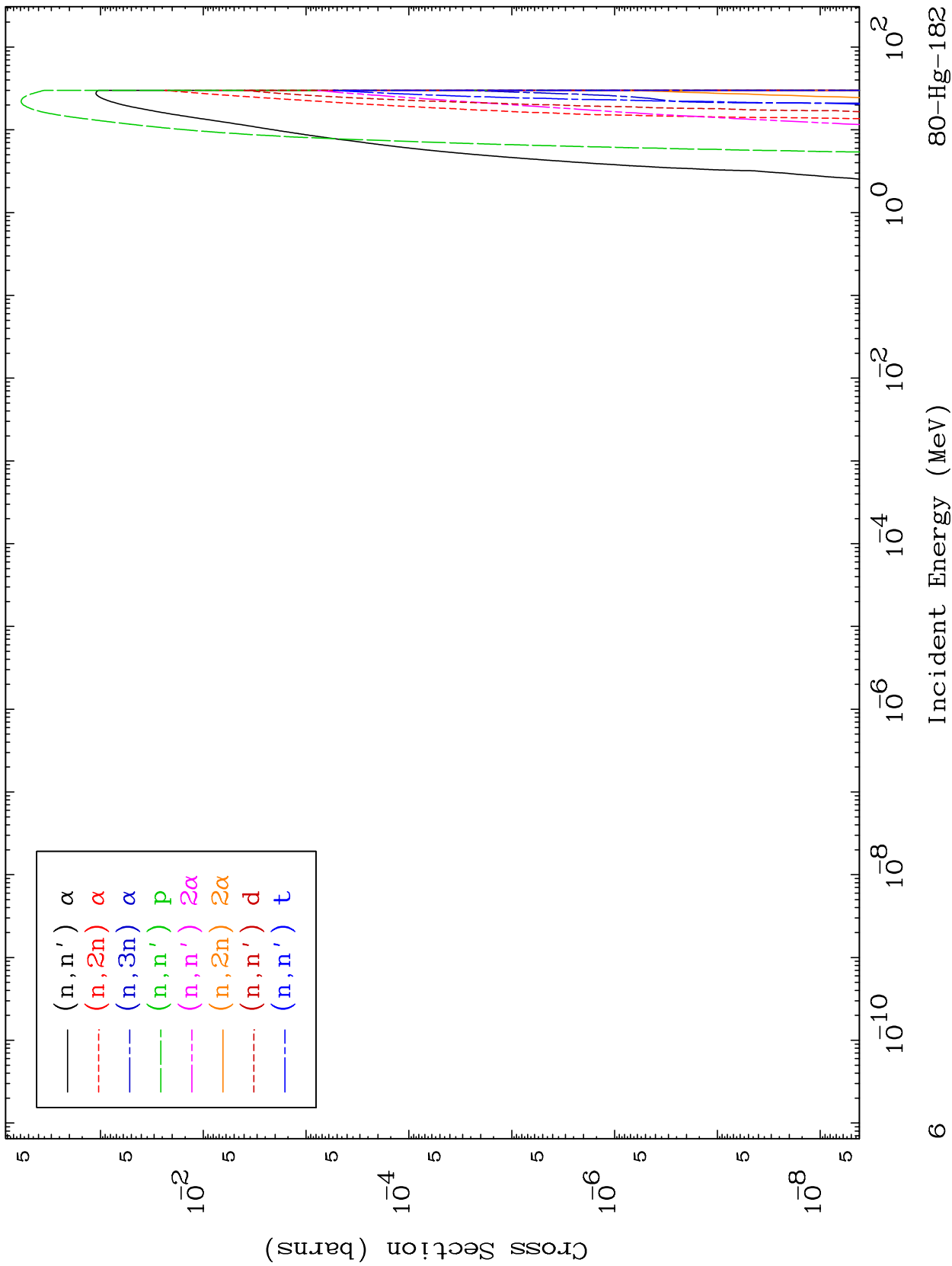
80-Hg-182



MAT 7983

Charged Particle  
293 Kelvin Cross Sections

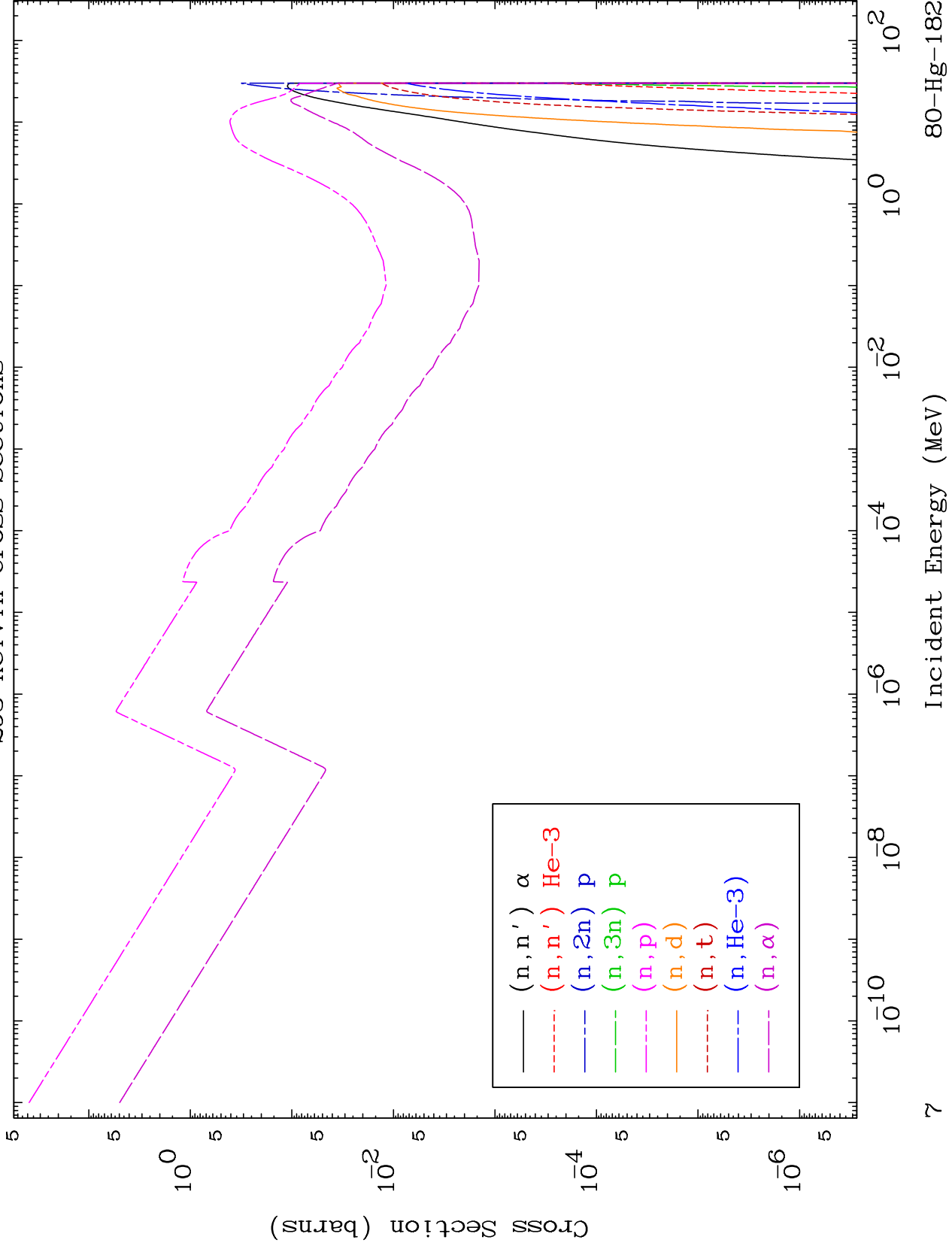
80-Hg-182



MAT 7983

Charged Particle  
293 Kelvin Cross Sections

80-Hg-182

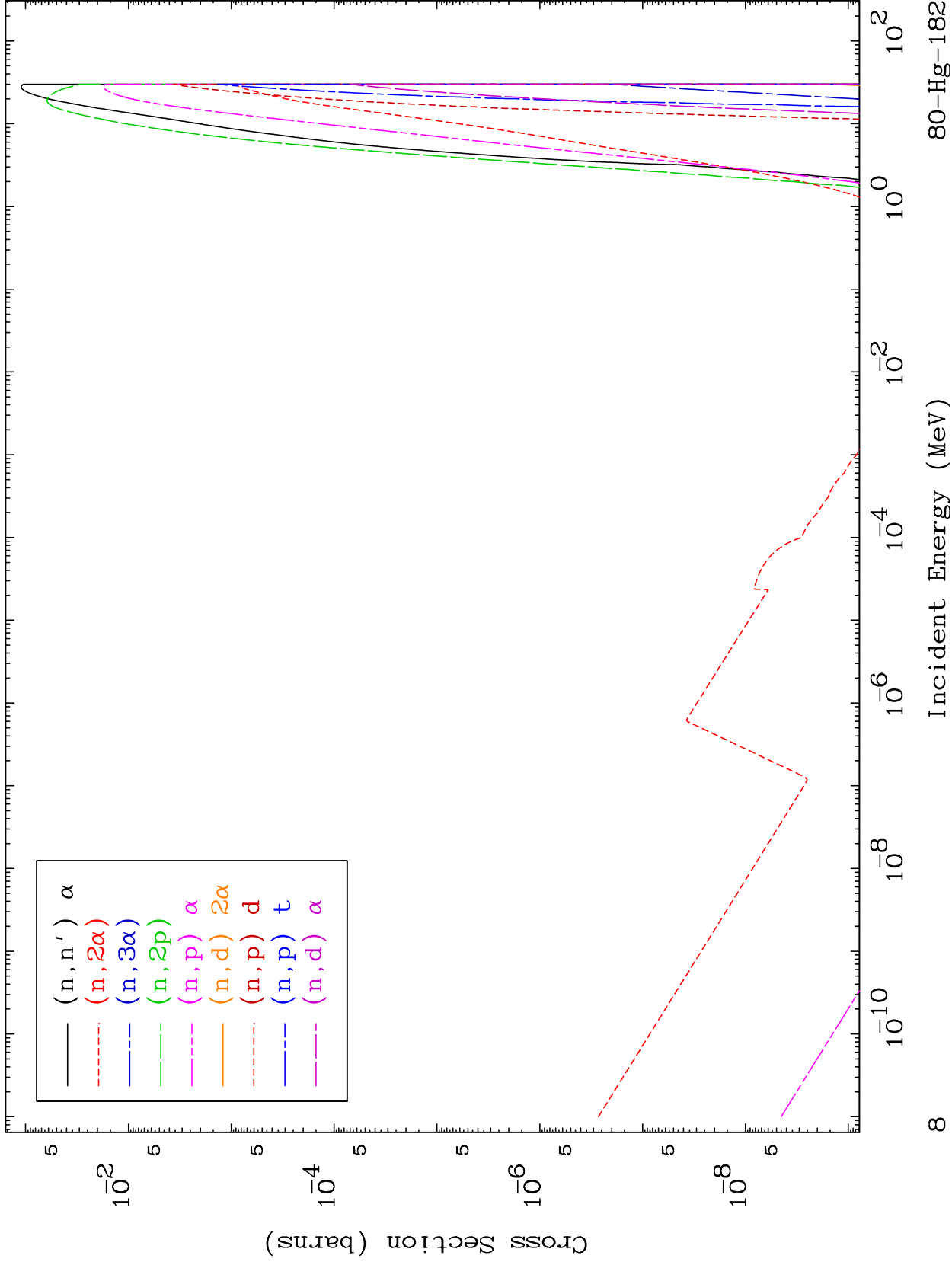




MAT 7983

Charged Particle  
293 Kelvin Cross Sections

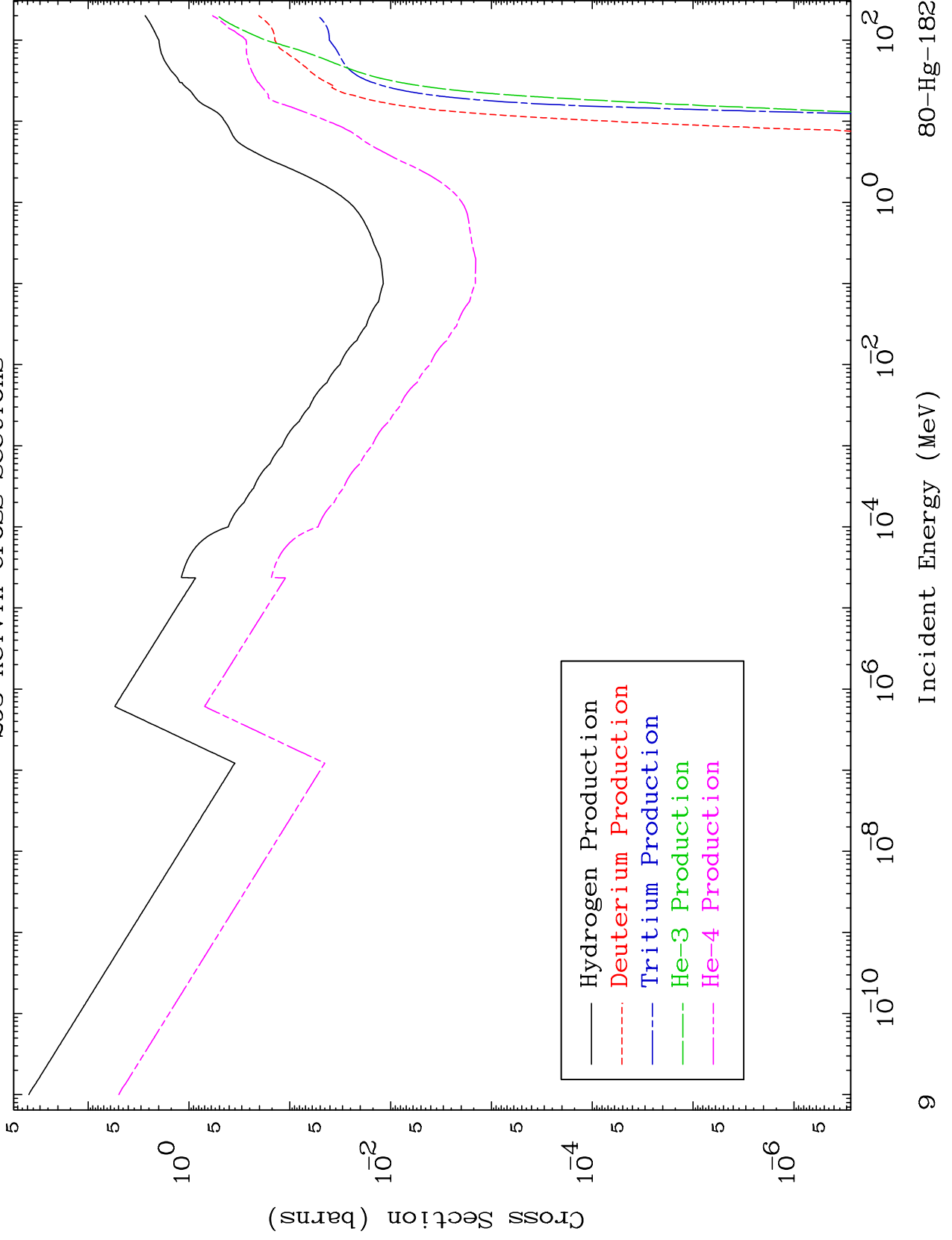
80-Hg-182



MAT 7983

Particle Production  
293 Kelvin Cross Sections

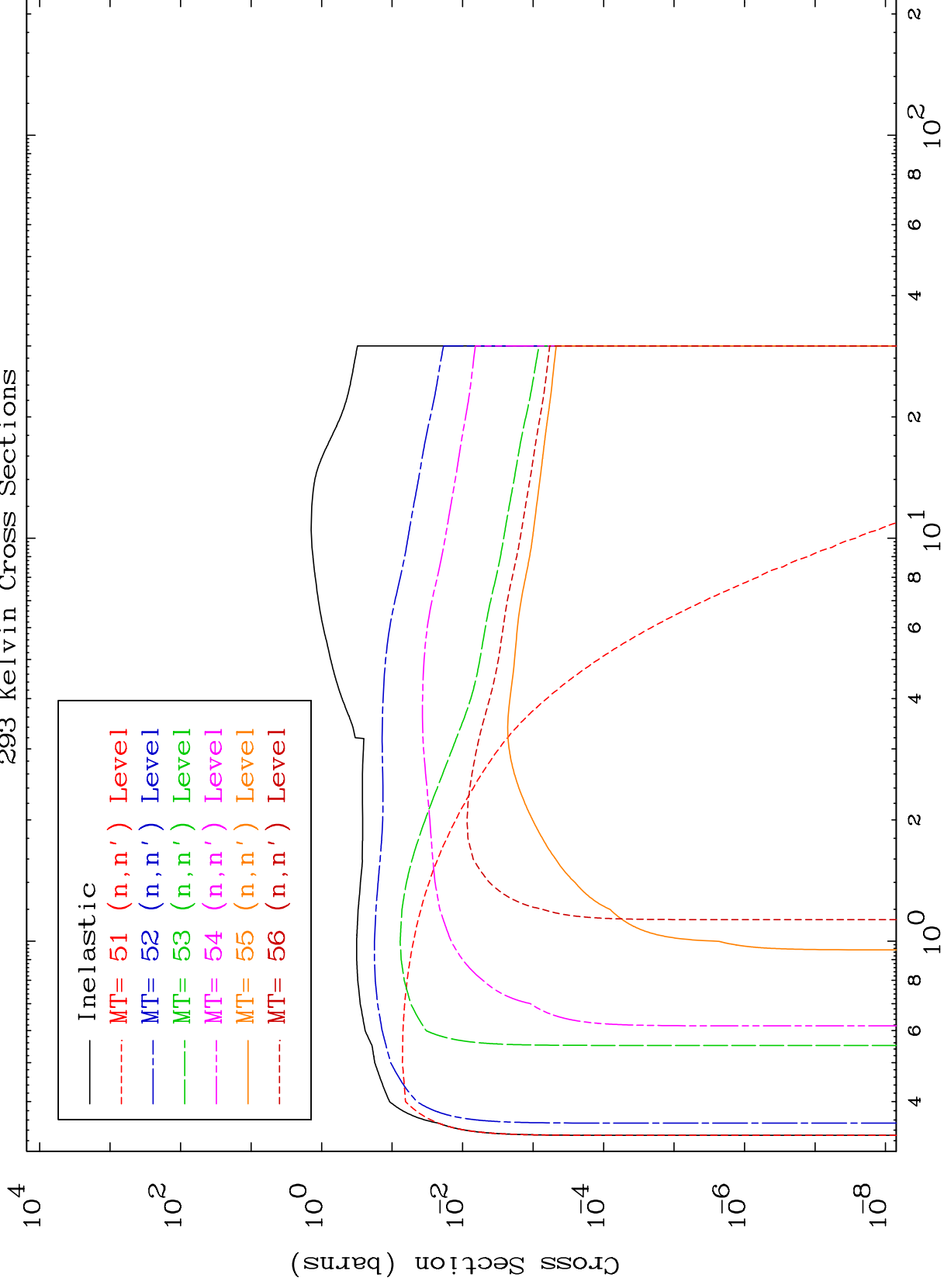
80-Hg-182



MAT 7983

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-182



10

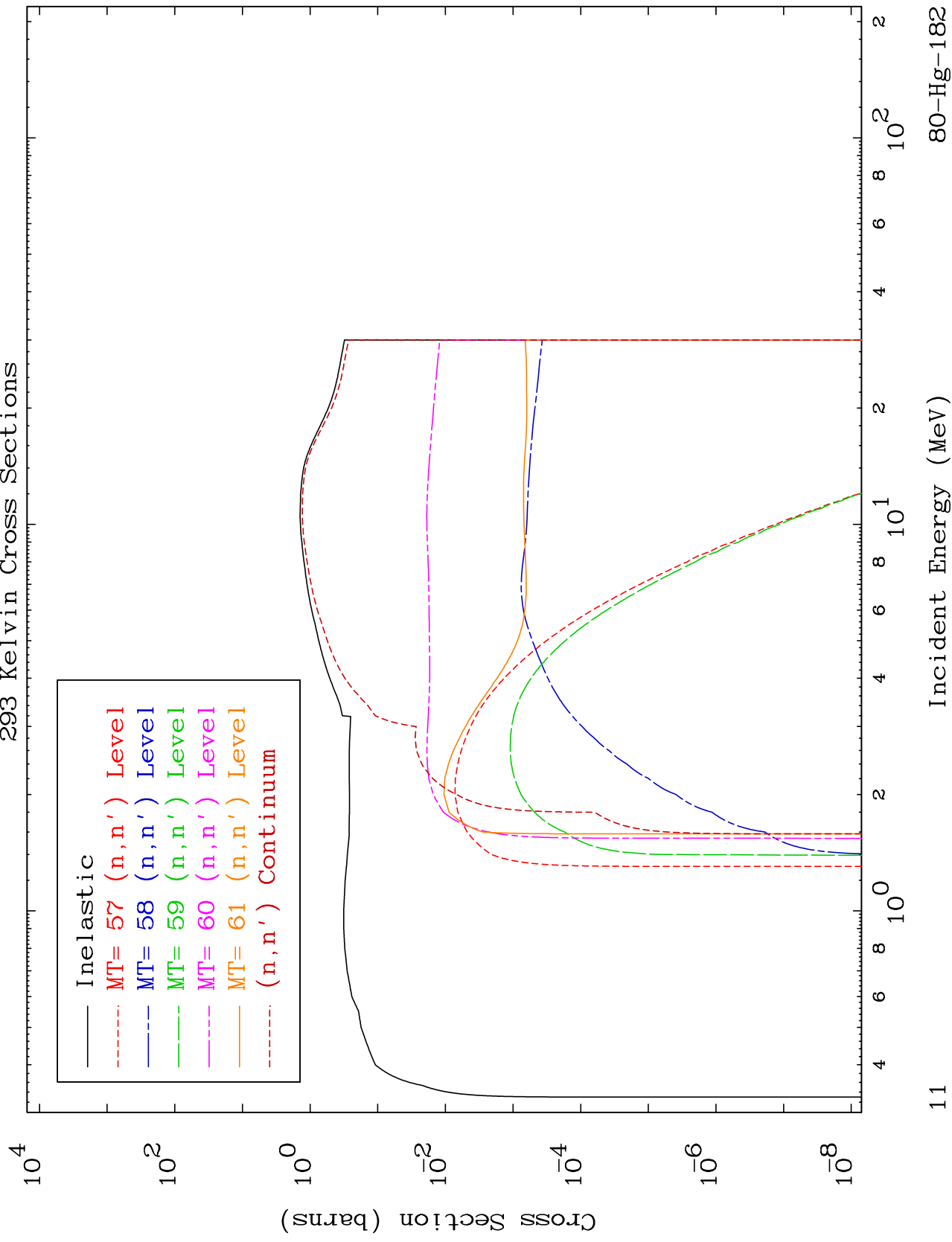
Incident Energy (MeV)

80-Hg-182

MAT 7983

80-Hg-182

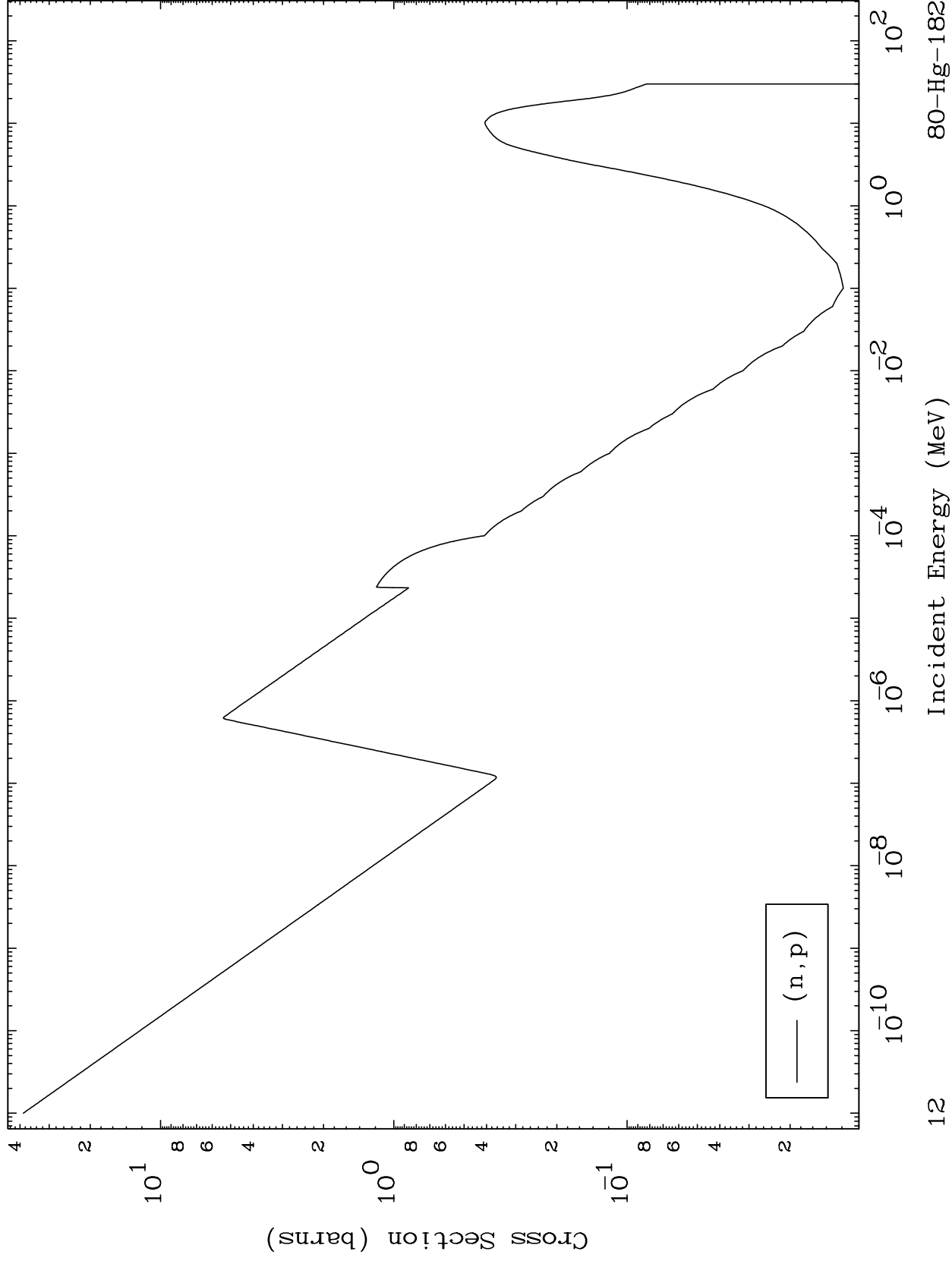
(n,n') Levels  
293 Kelvin Cross Sections



MAT 7983

(n,p) Levels  
293 Kelvin Cross Sections

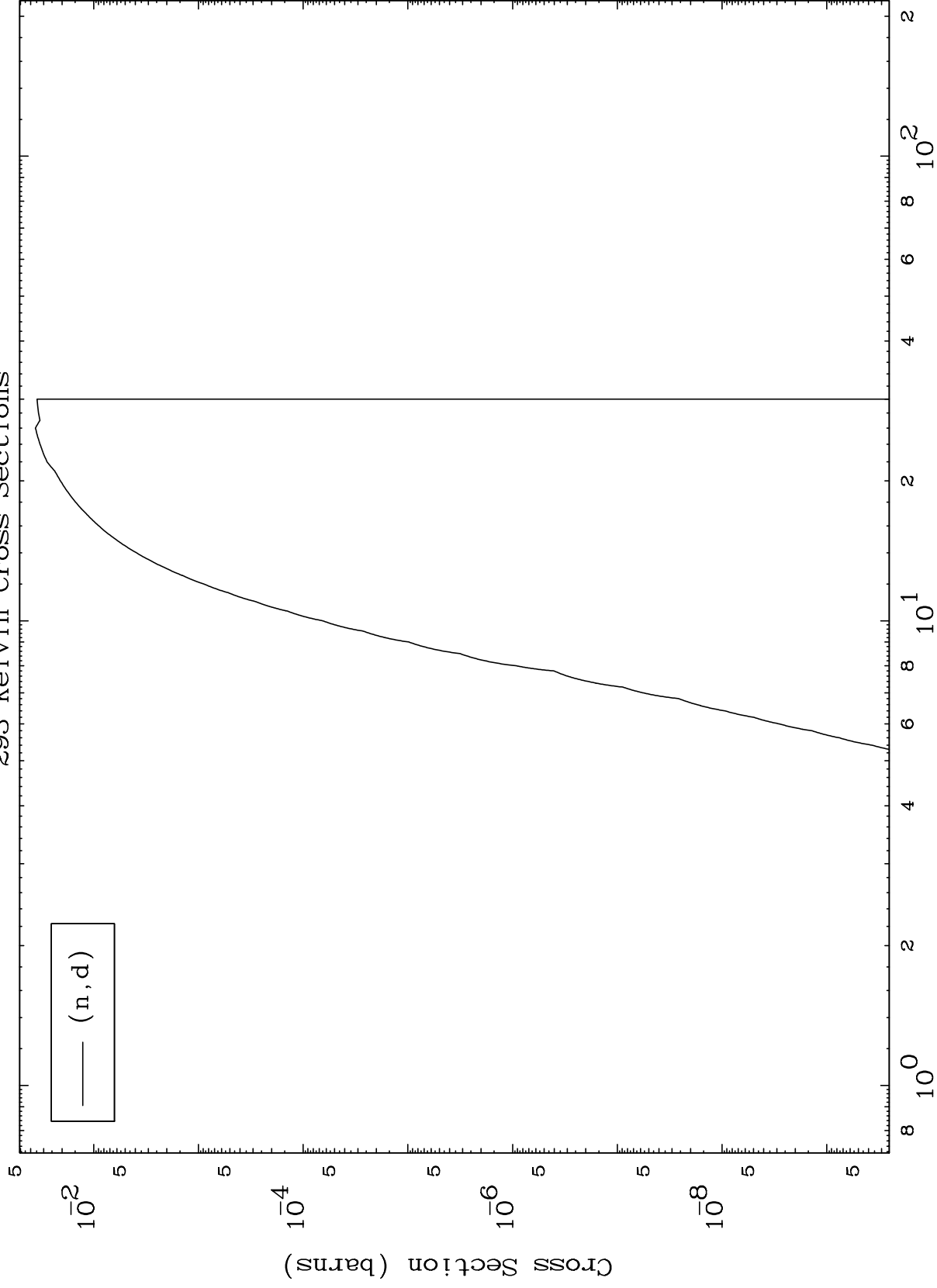
80-Hg-182



MAT 7983

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-182



13

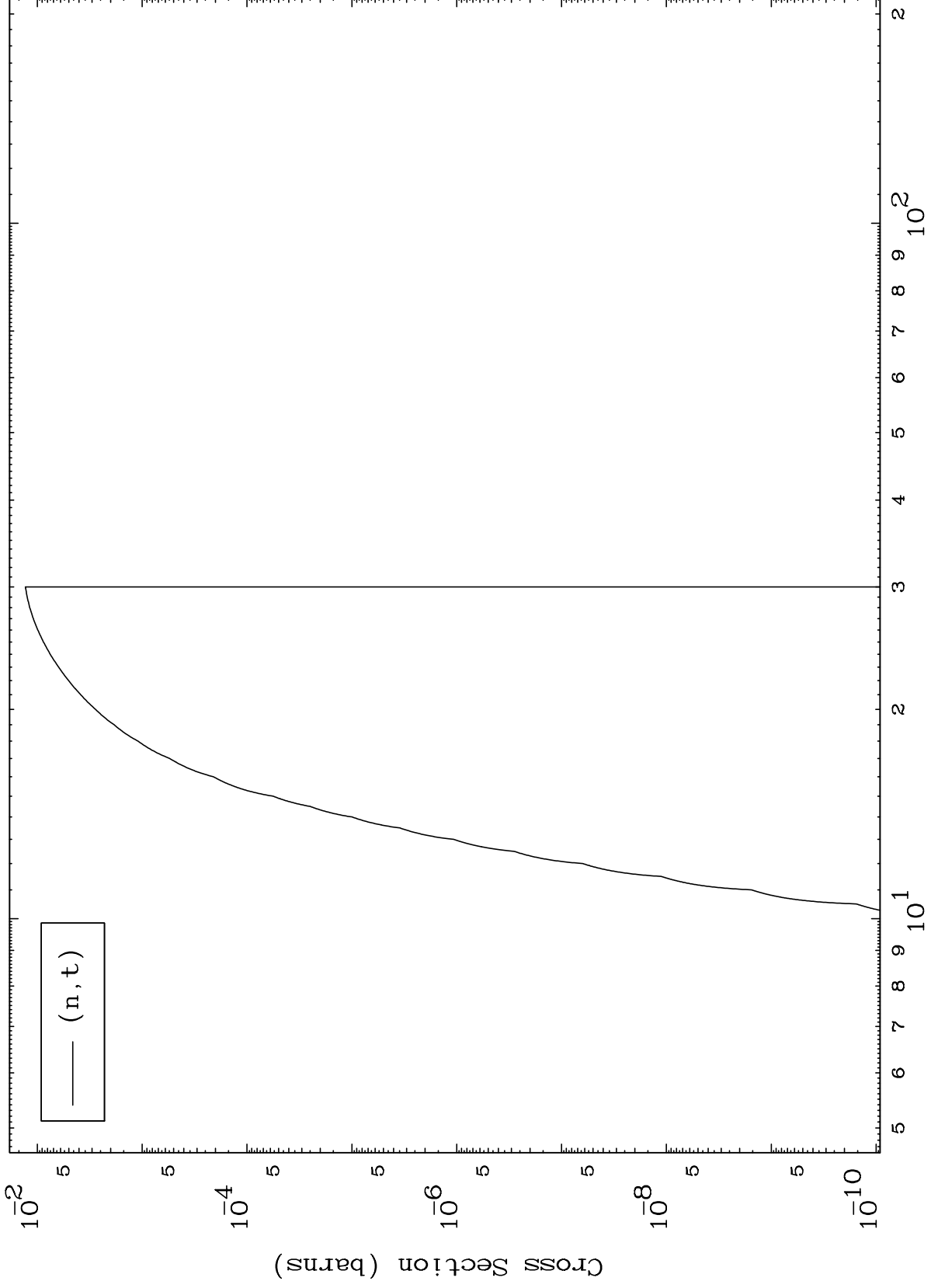
Incident Energy (MeV)

80-Hg-182

MAT 7983

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-182



14

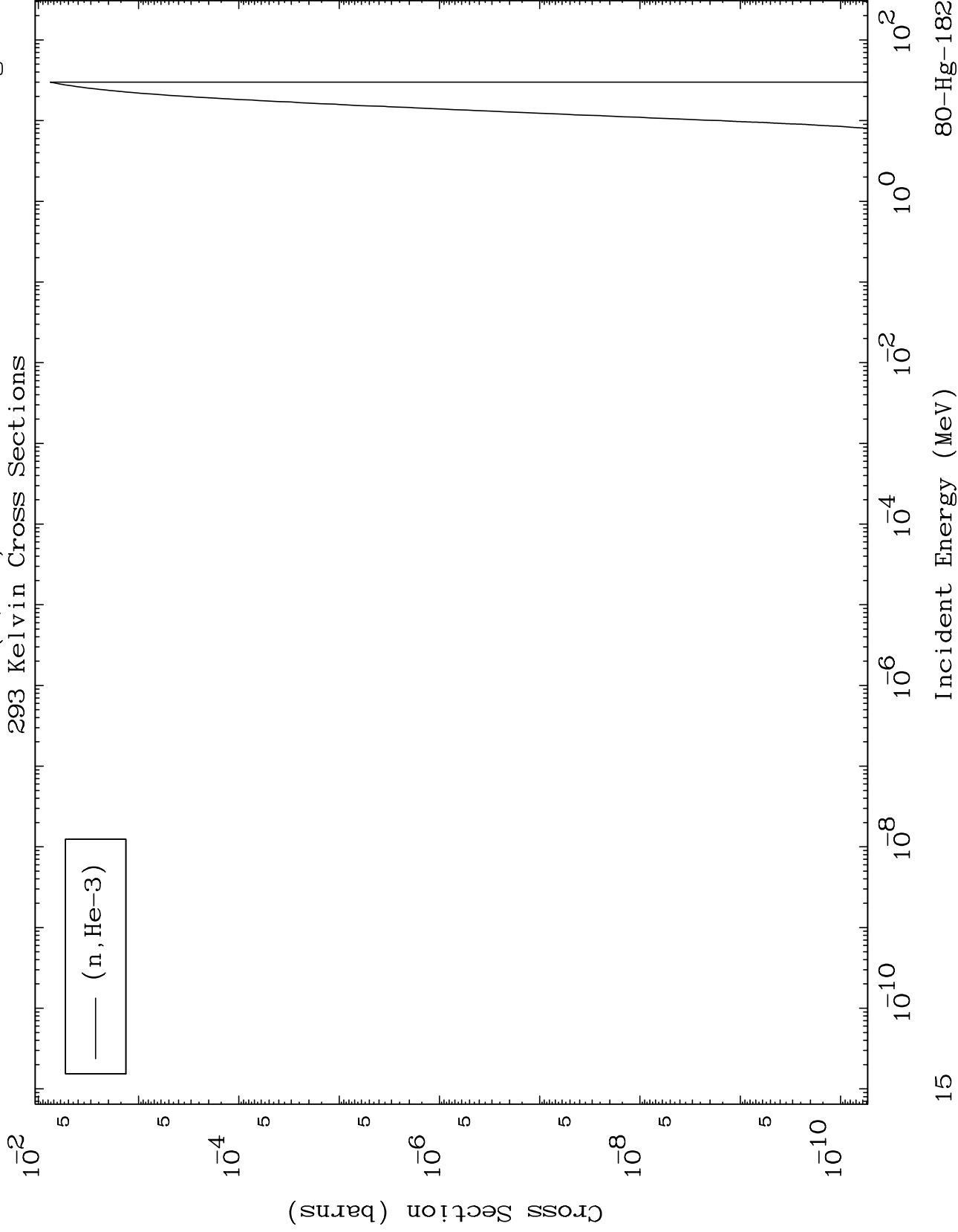
Incident Energy (MeV)

80-Hg-182

MAT 7983

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-182

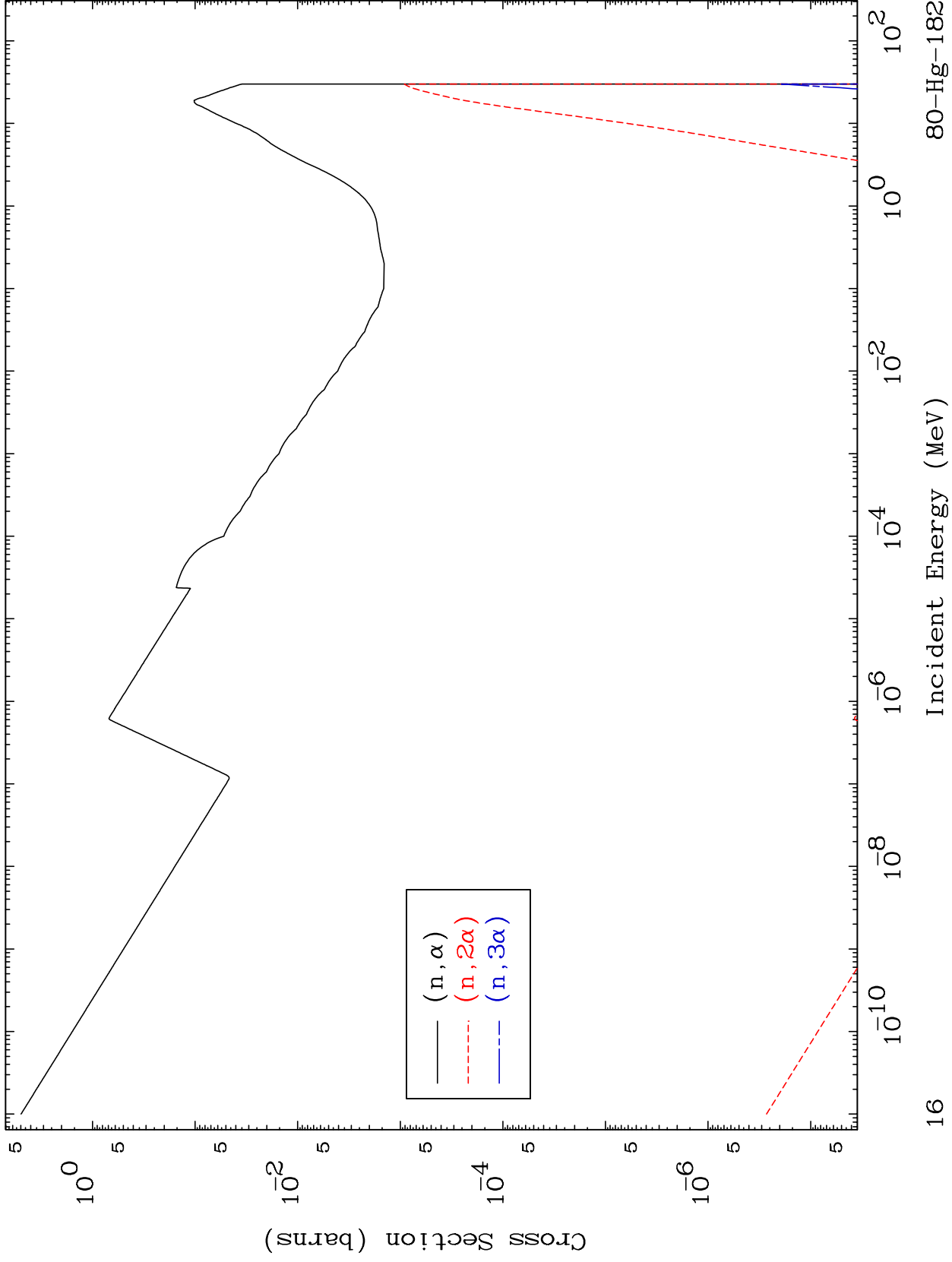




MAT 7983

(n,α) Levels  
293 Kelvin Cross Sections

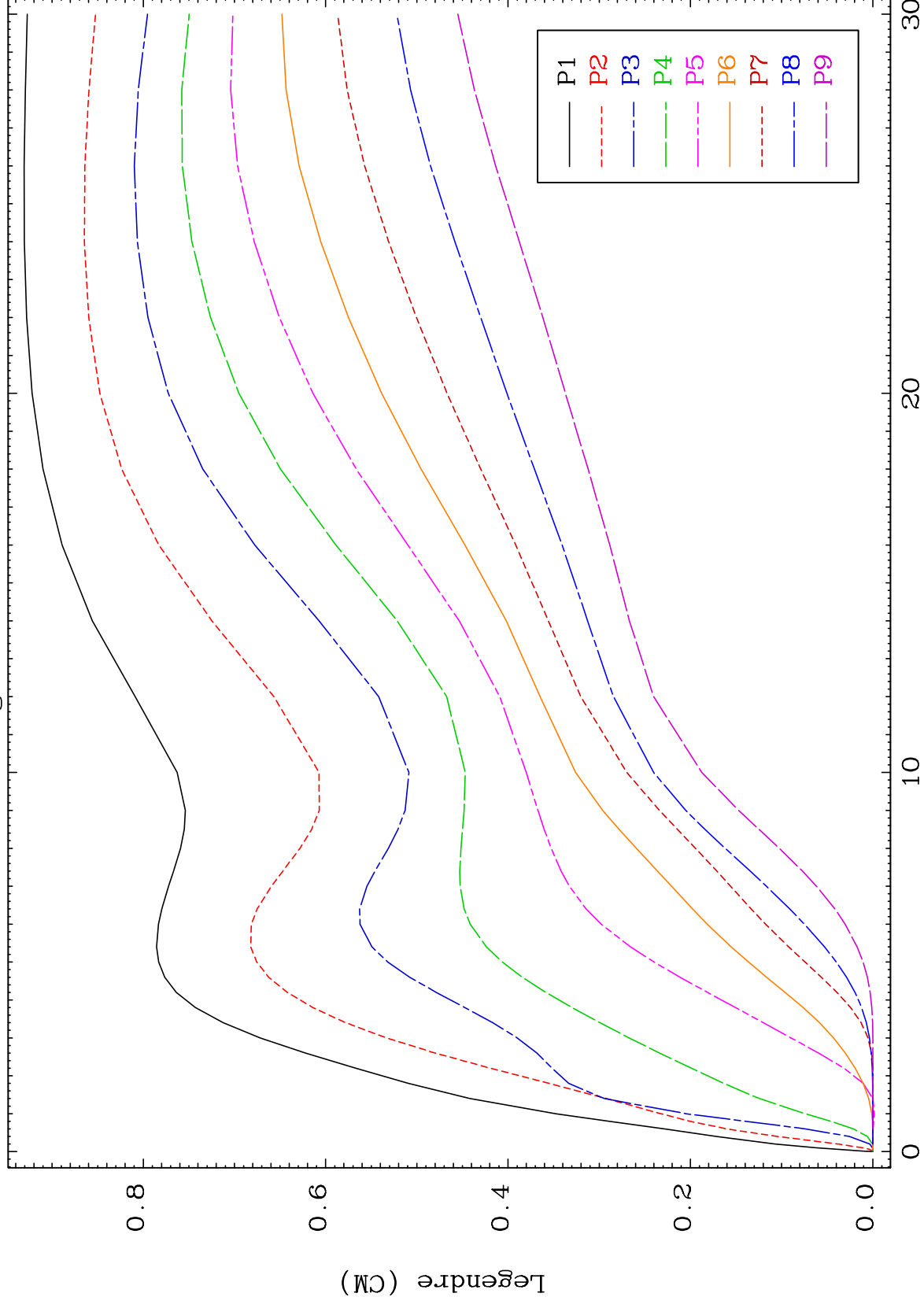
80-Hg-182



MAT 7983

Elastic Legendre Coefficients

80-Hg-182



17

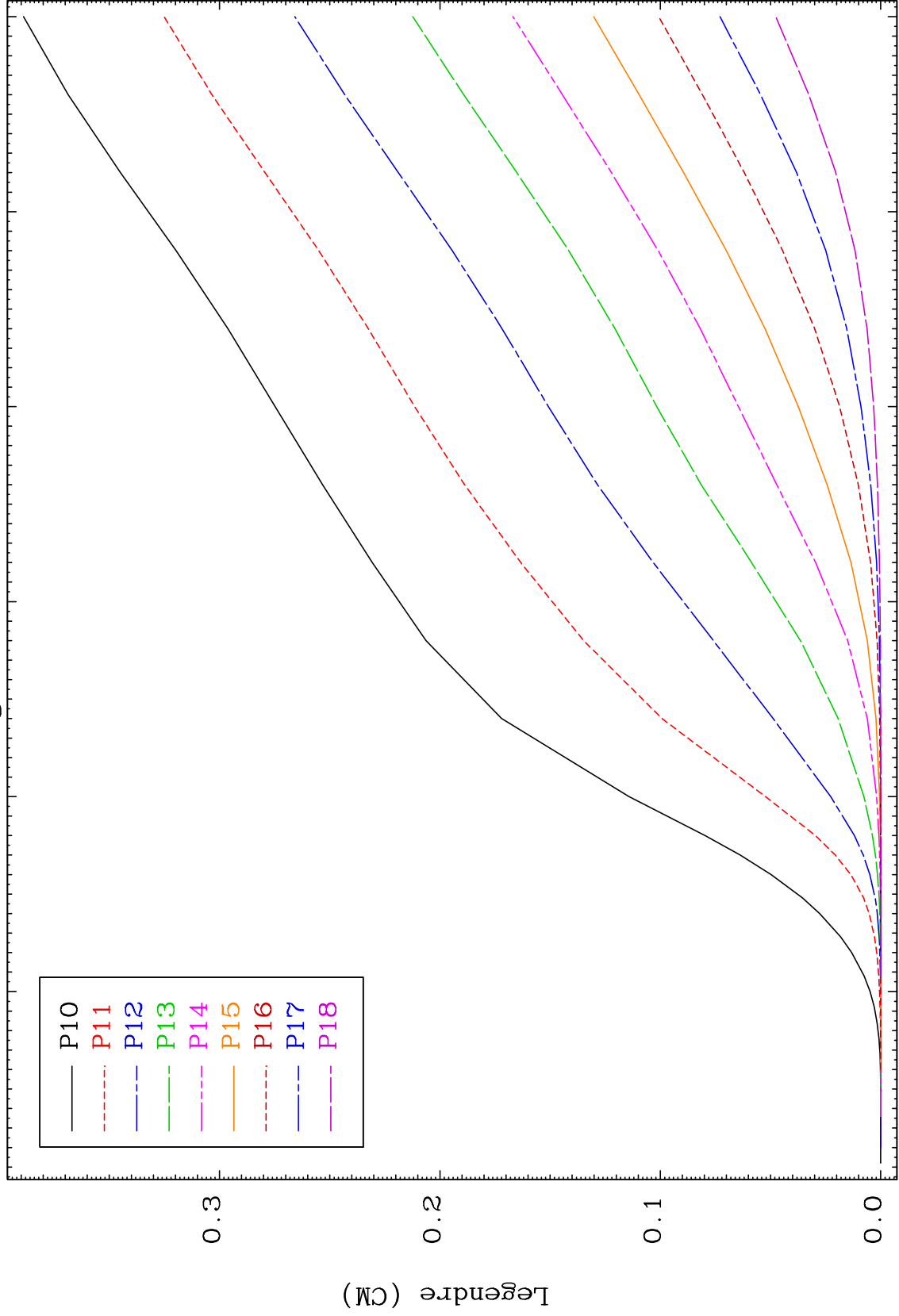
Incident Energy (MeV)

80-Hg-182

MAT 7983

Elastic Legendre Coefficients

80-Hg-182

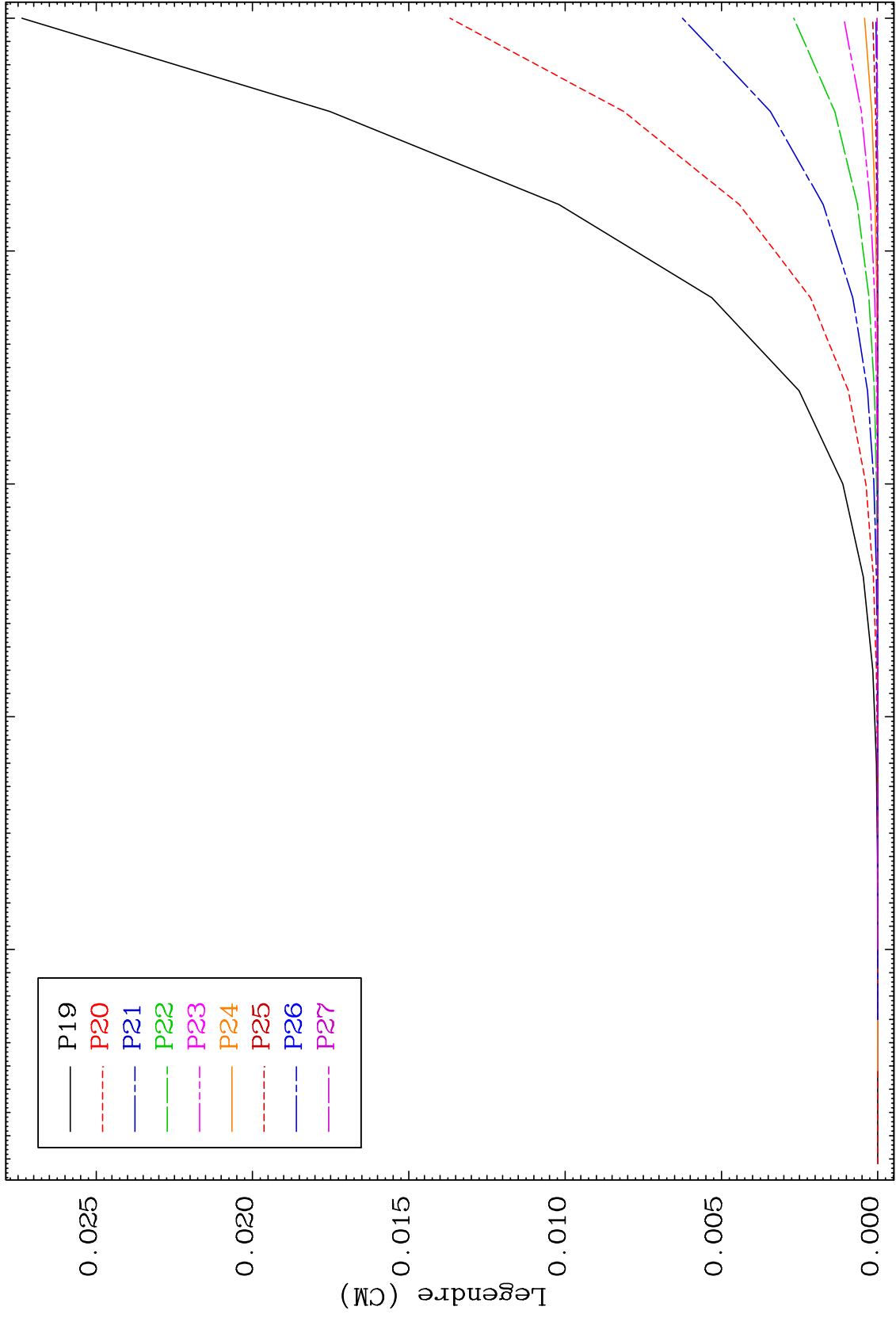


18

Incident Energy (MeV)

80-Hg-182

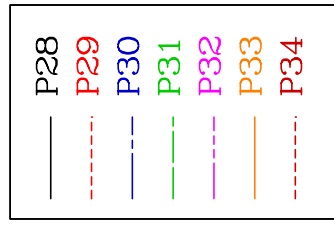
Elastic Legendre Coefficients



MAT 7983

Elastic Legendre Coefficients

80-Hg-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

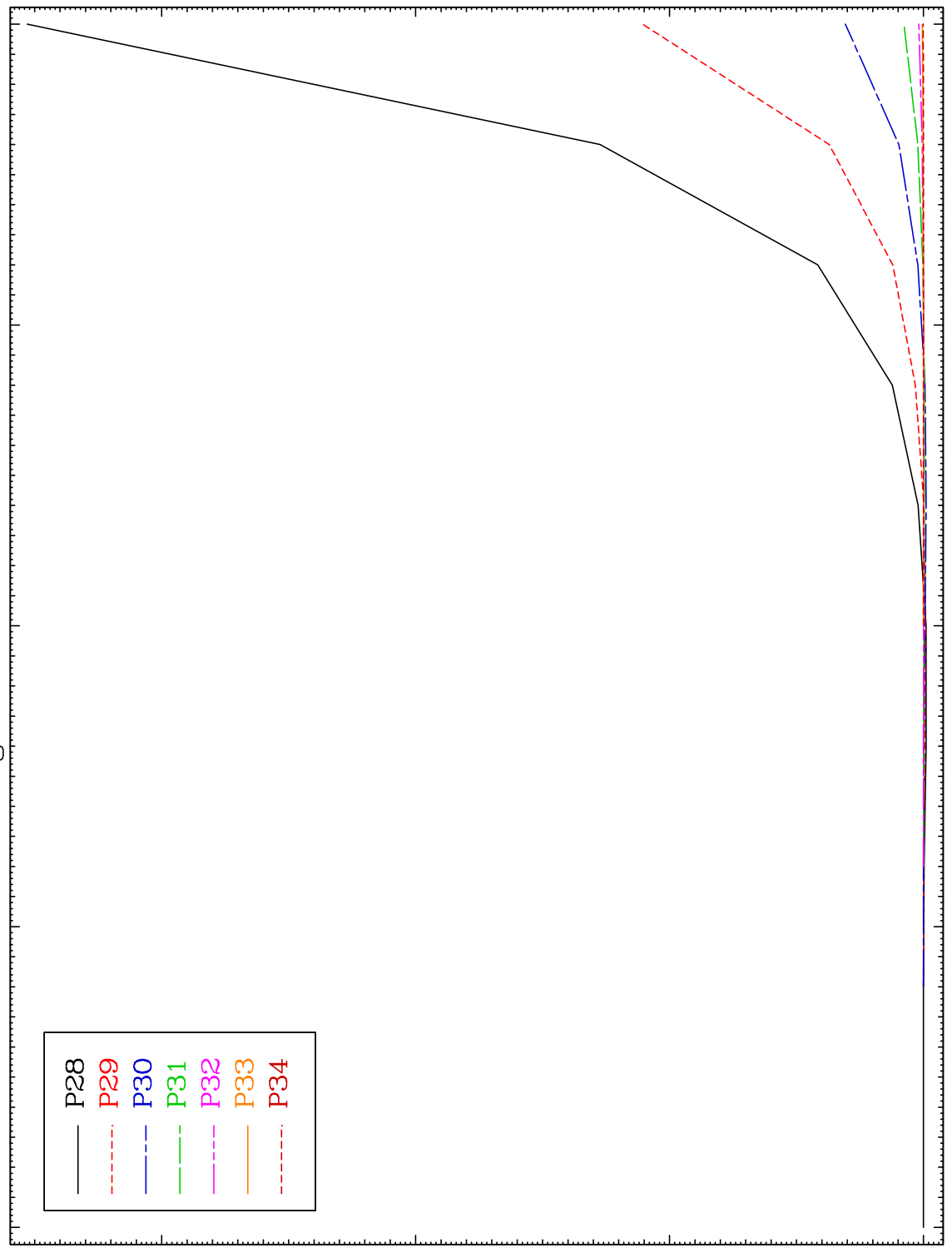
25

30

20

Incident Energy (MeV)

80-Hg-182

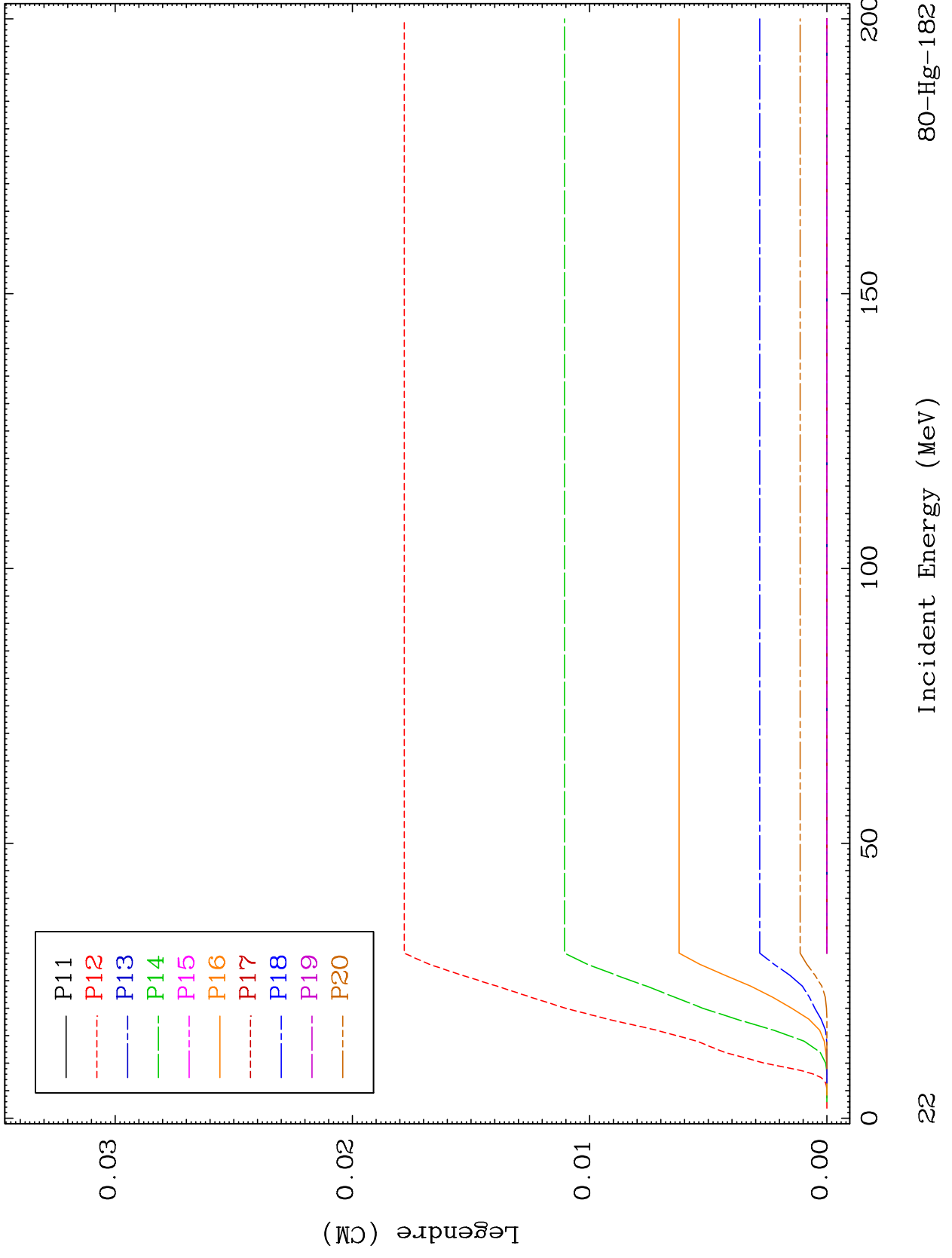


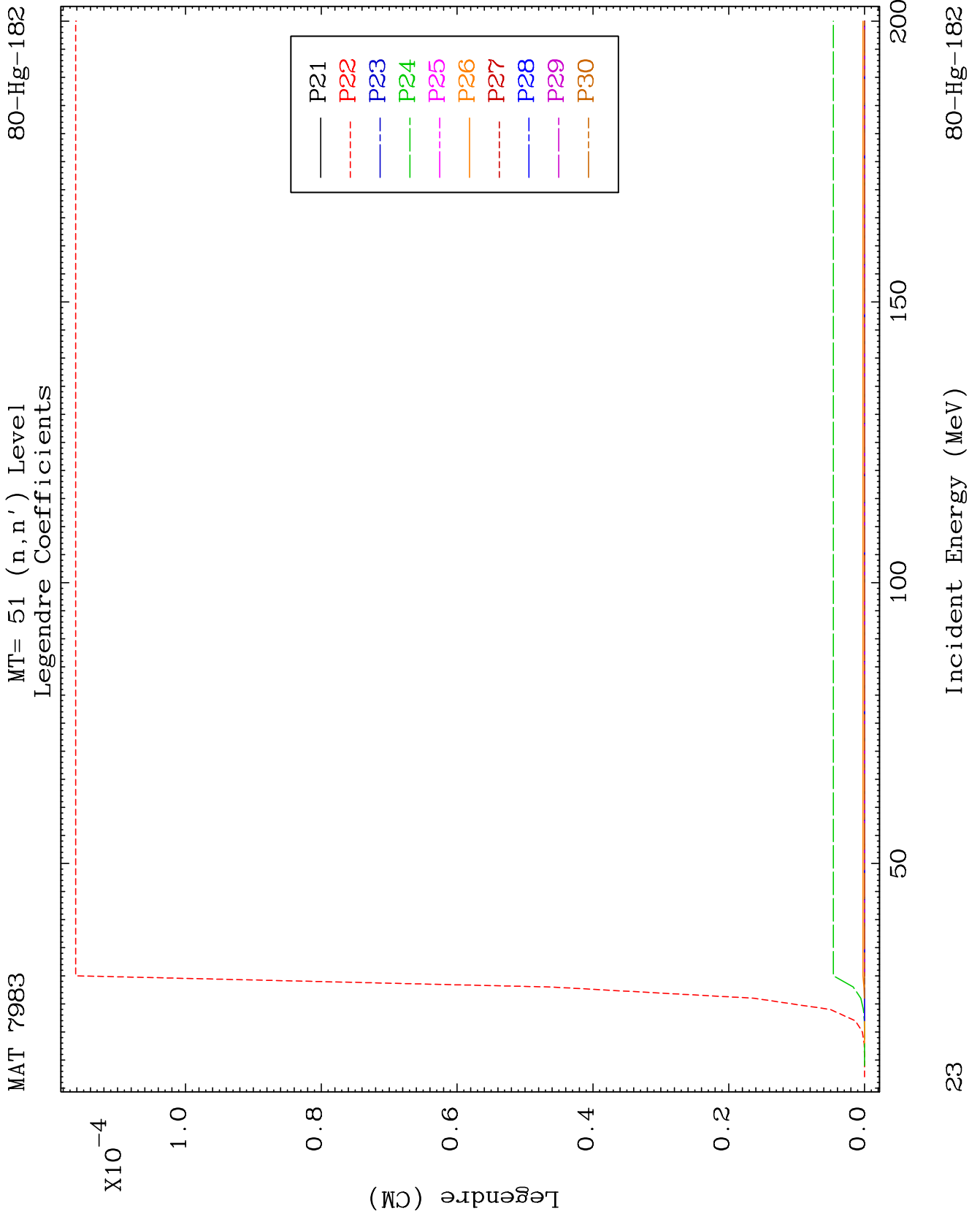


MAT 7983

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

80-Hg-182



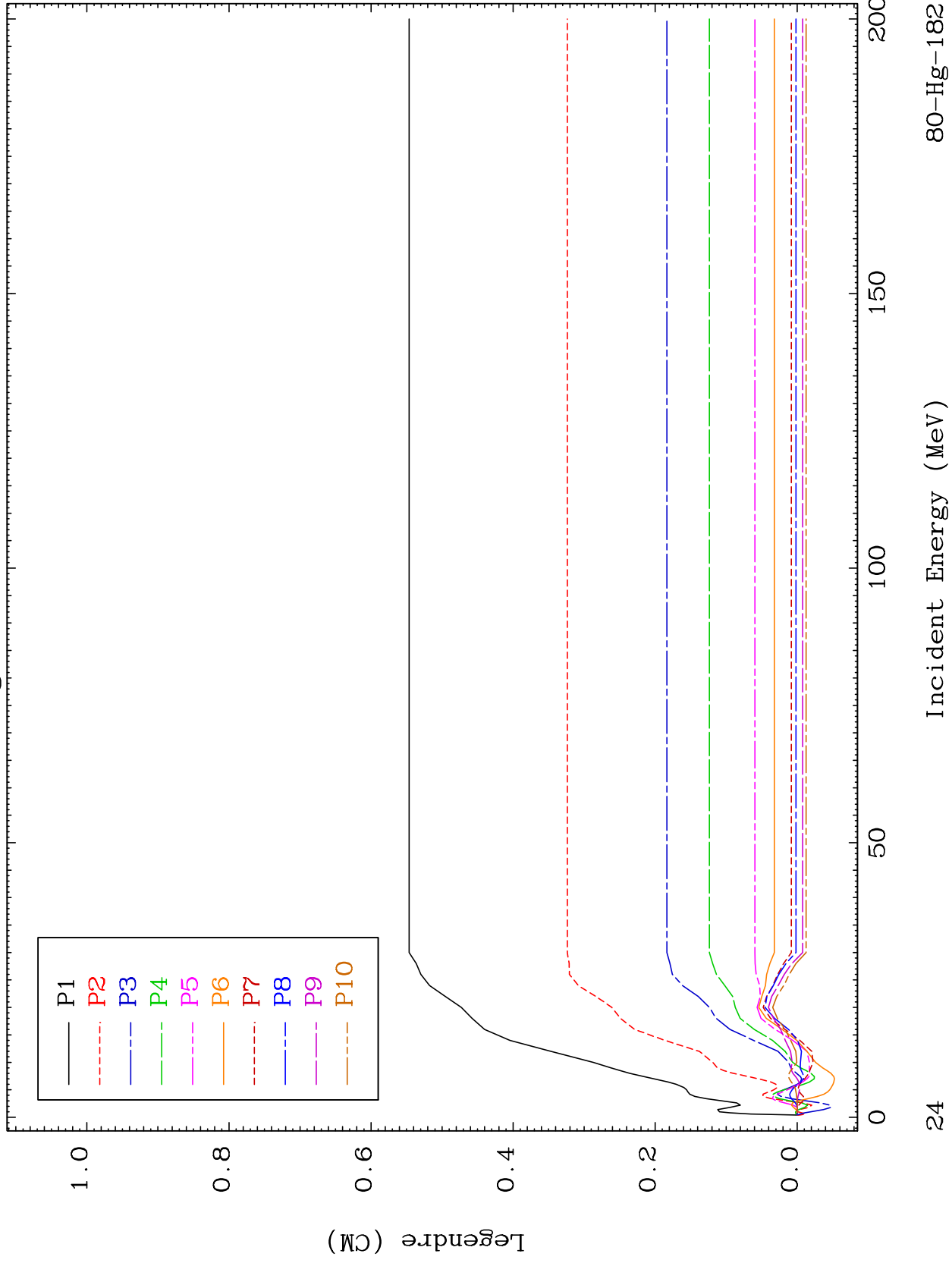




MAT 7983

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

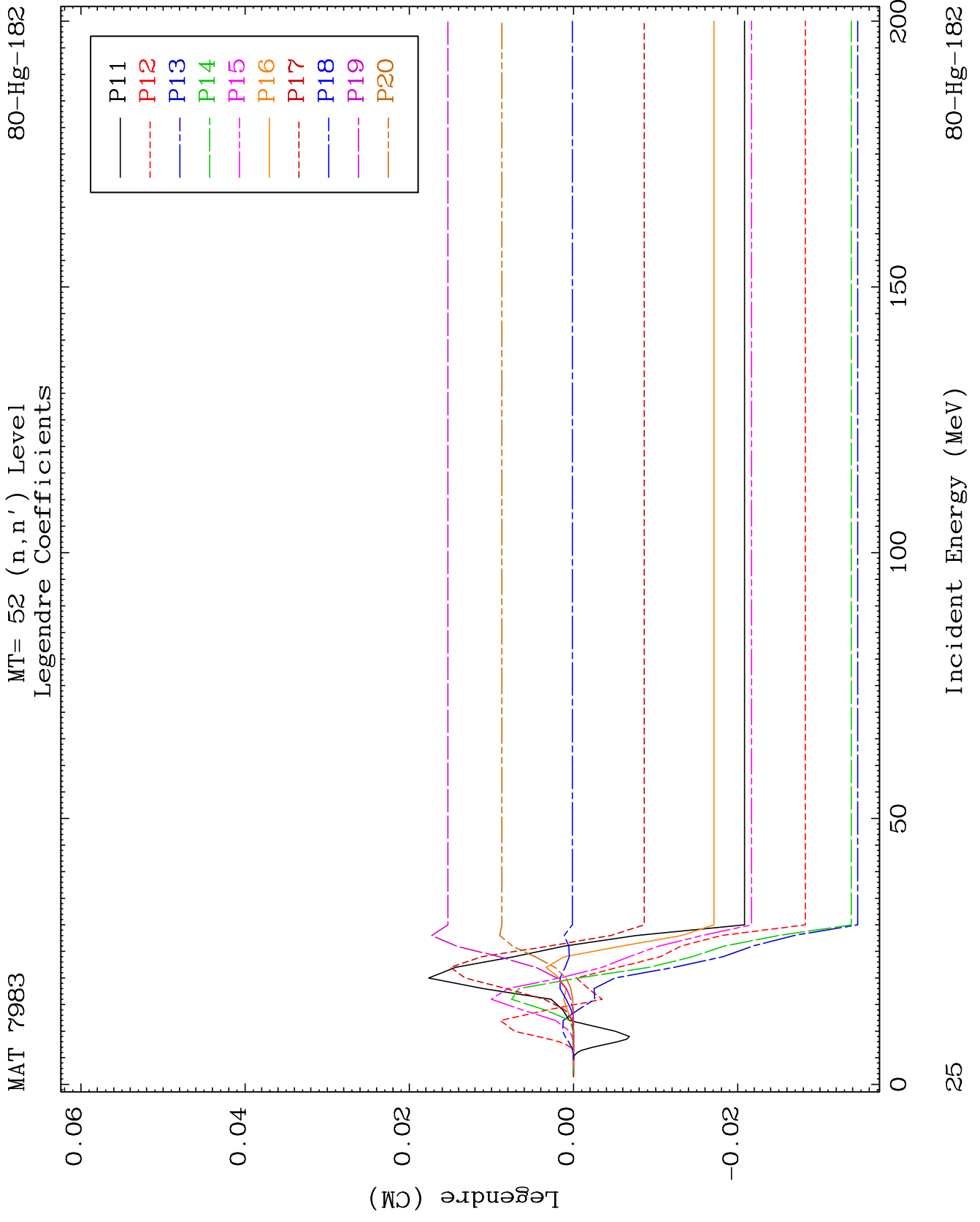
80-Hg-182



24

Incident Energy (MeV)

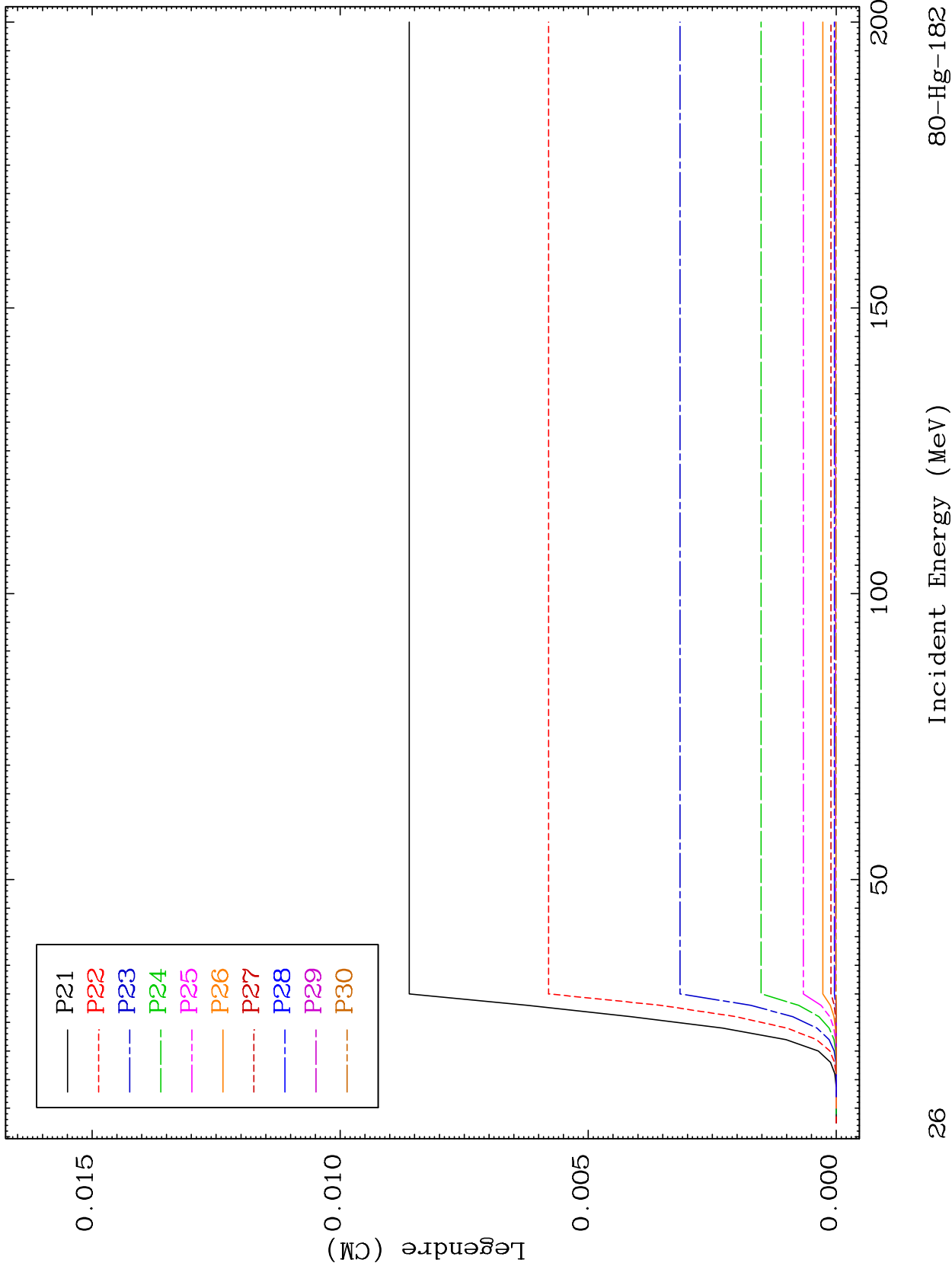
80-Hg-182



MAT 7983

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

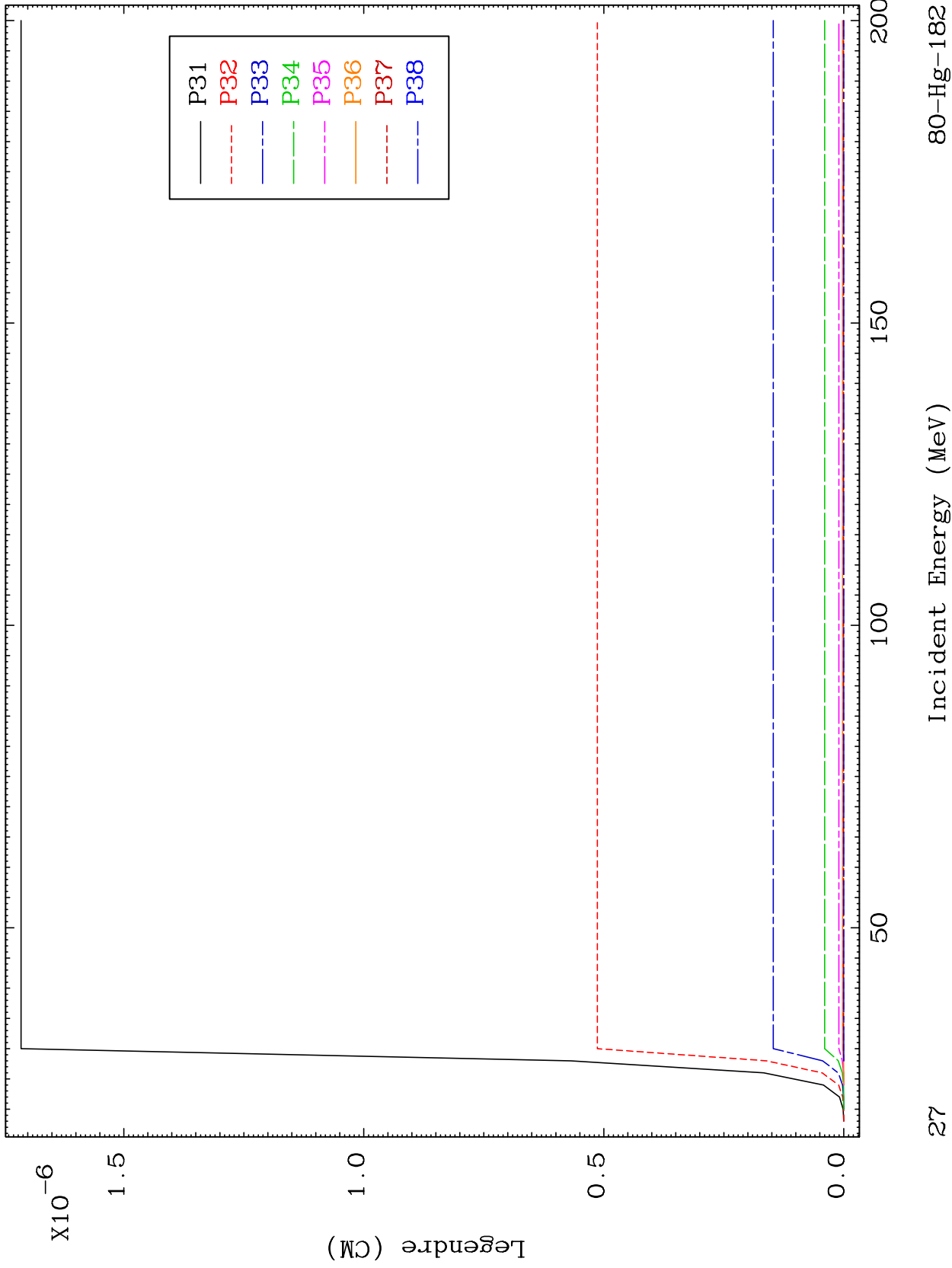
80-Hg-182



MAT 7983

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

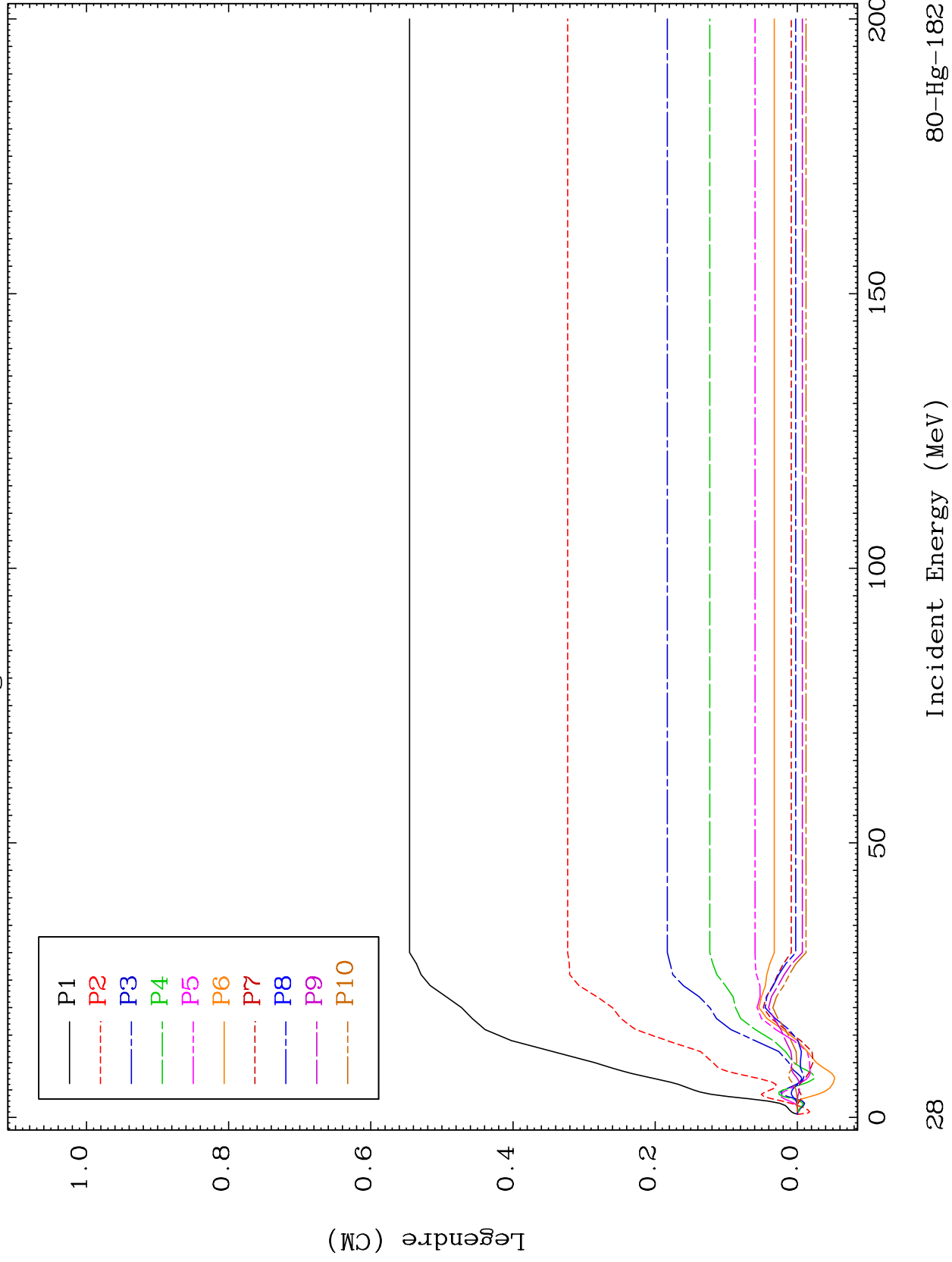
80-Hg-182



MAT 7983

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

80-Hg-182



28

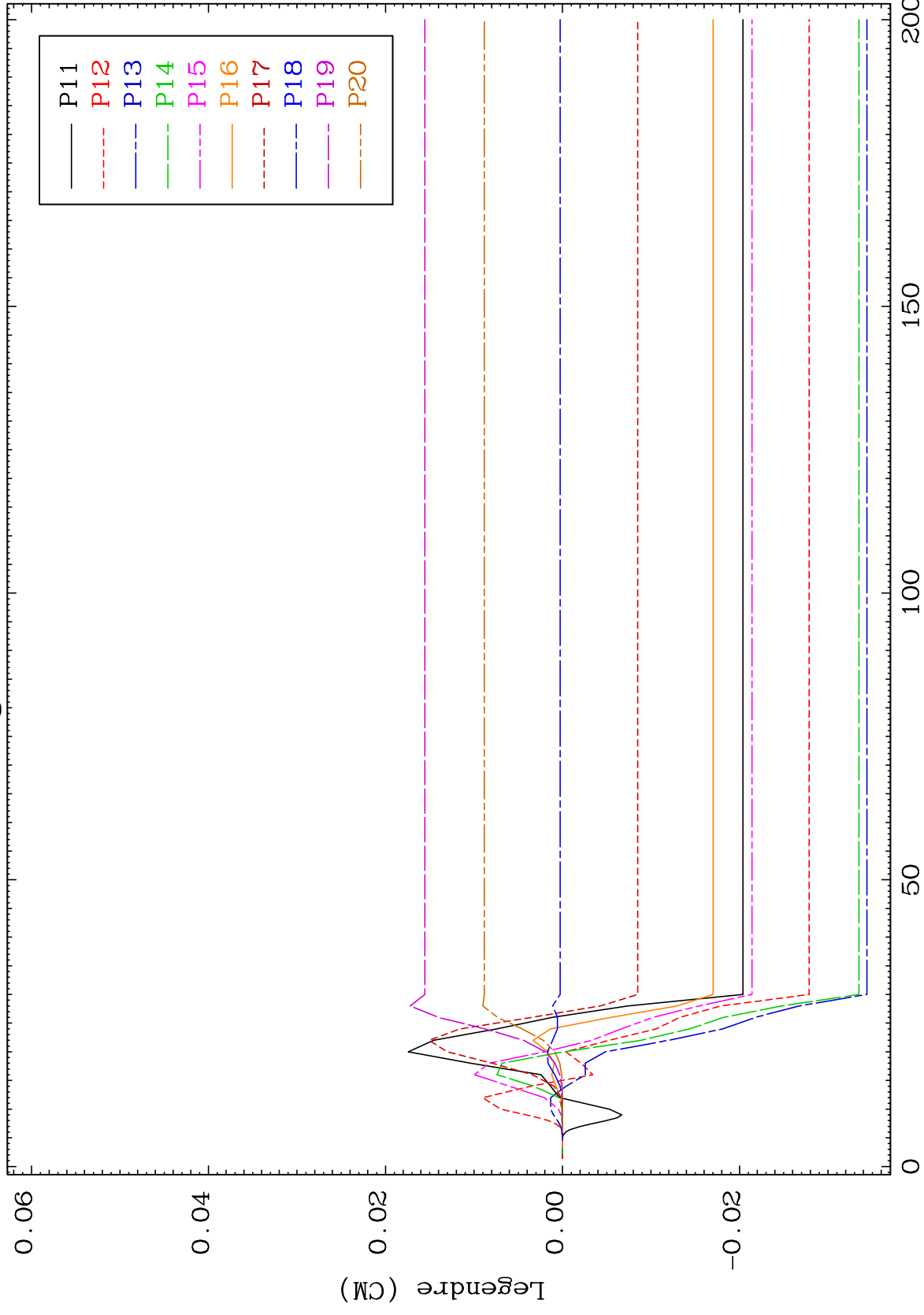
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



29

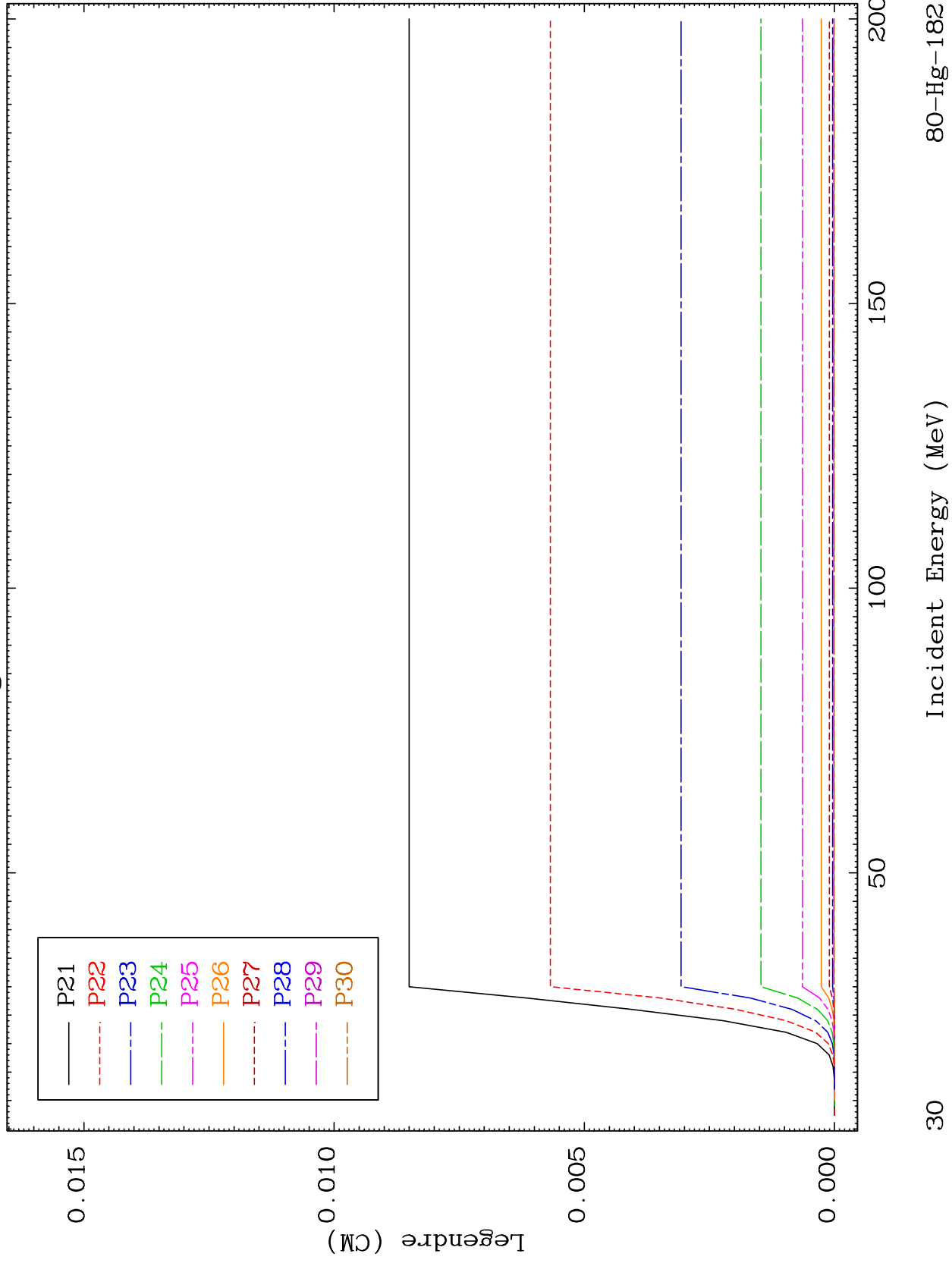
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



30

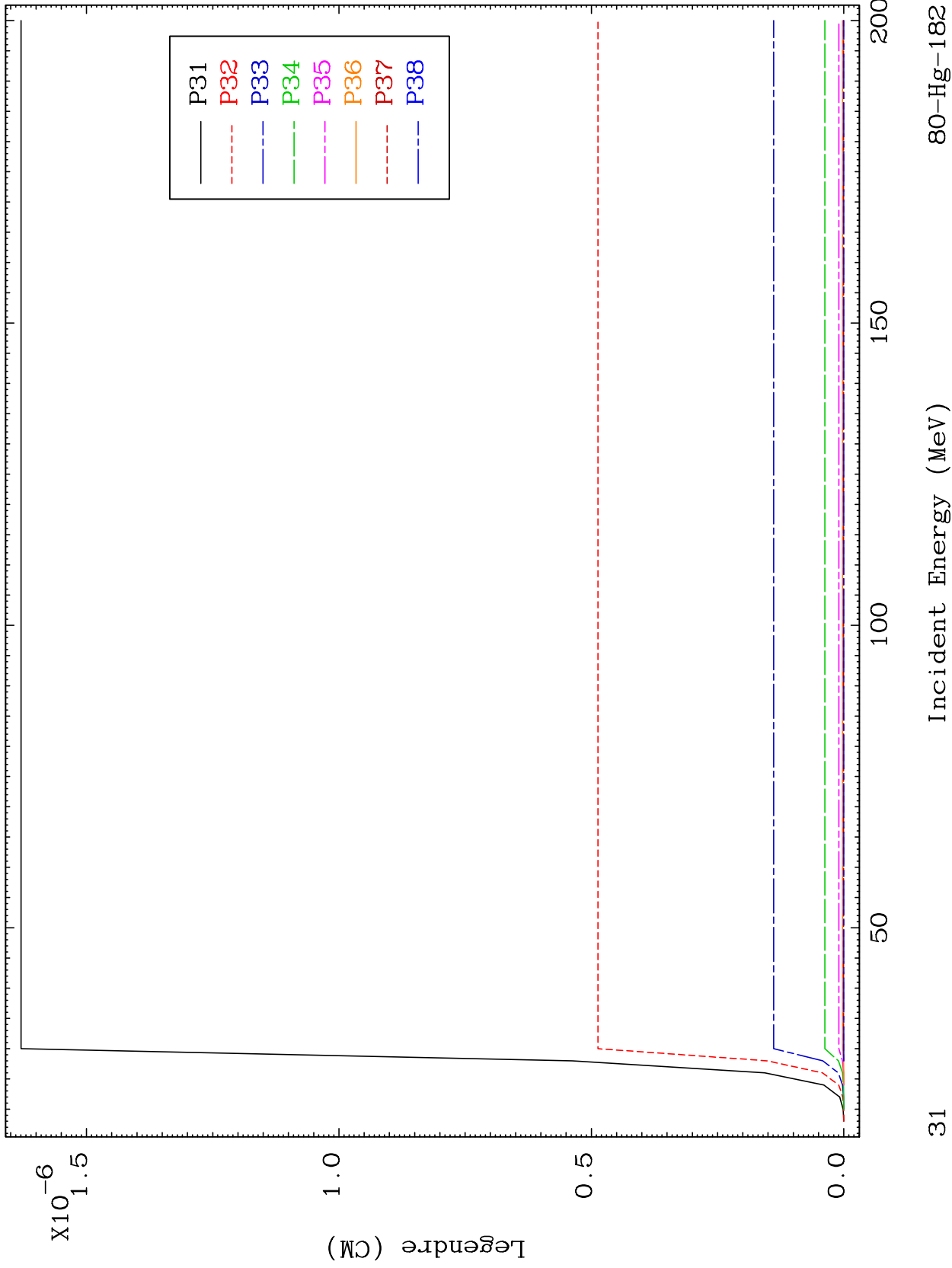
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182

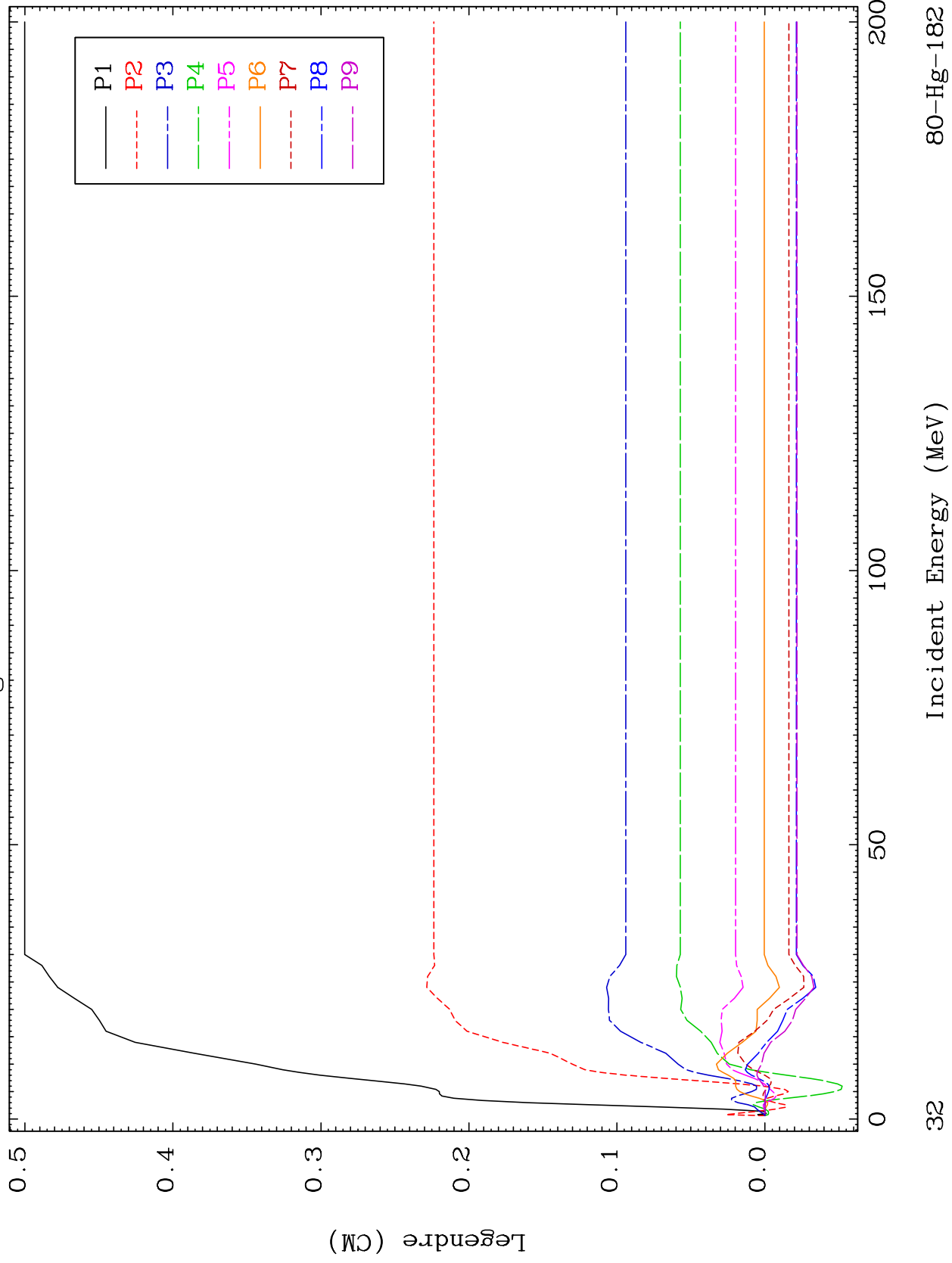




MAT 7983

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

80-Hg-182



32

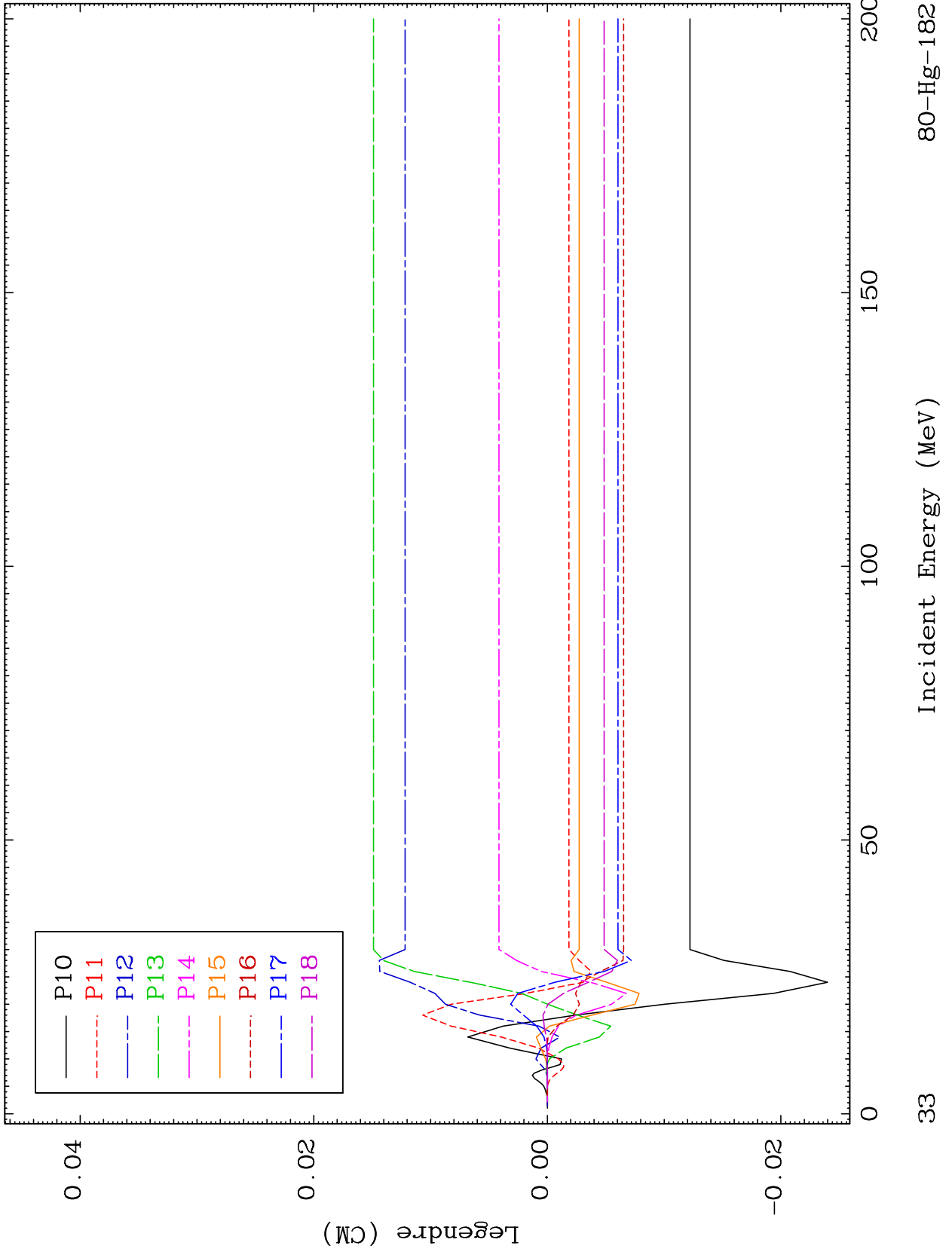
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



33

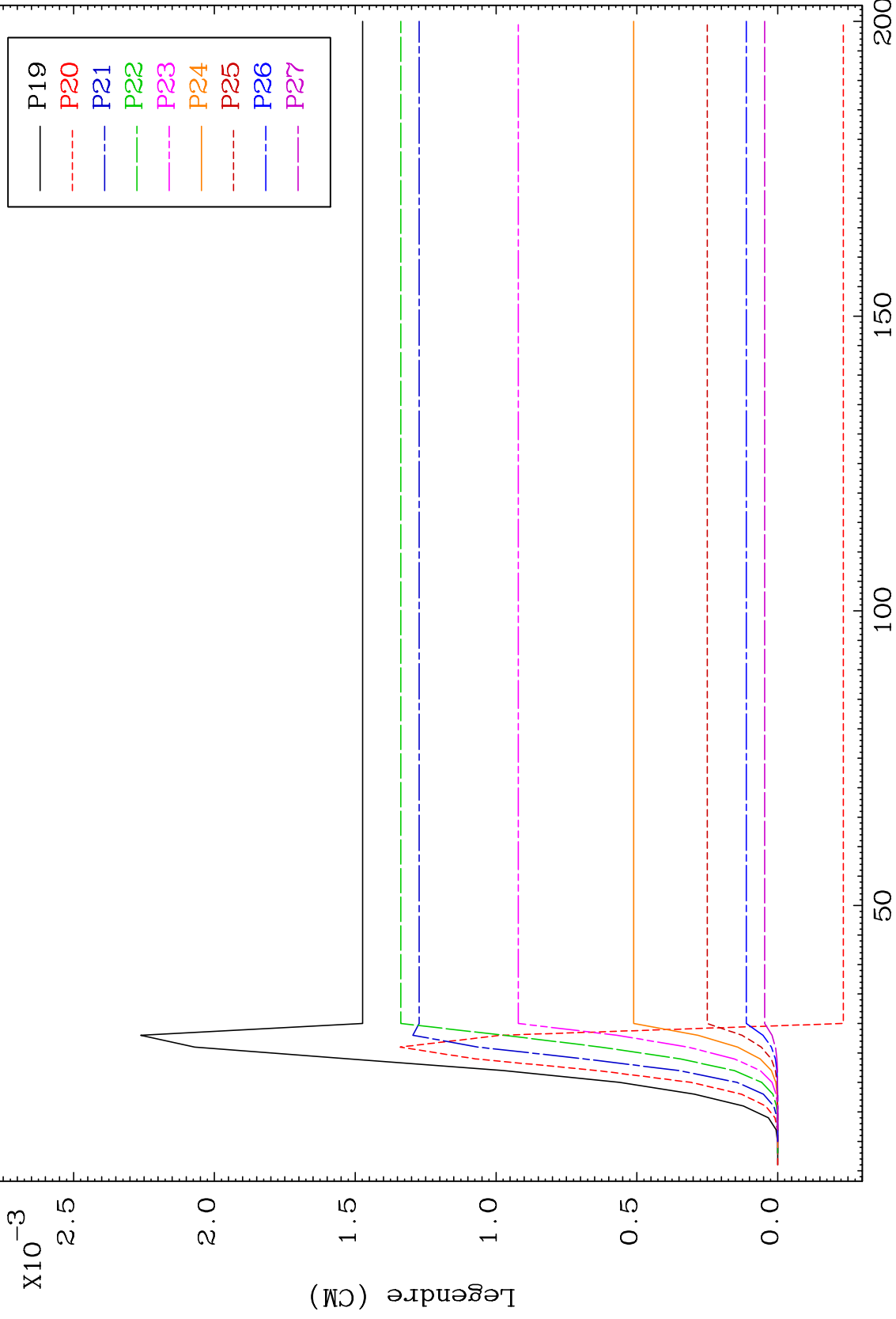
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



34

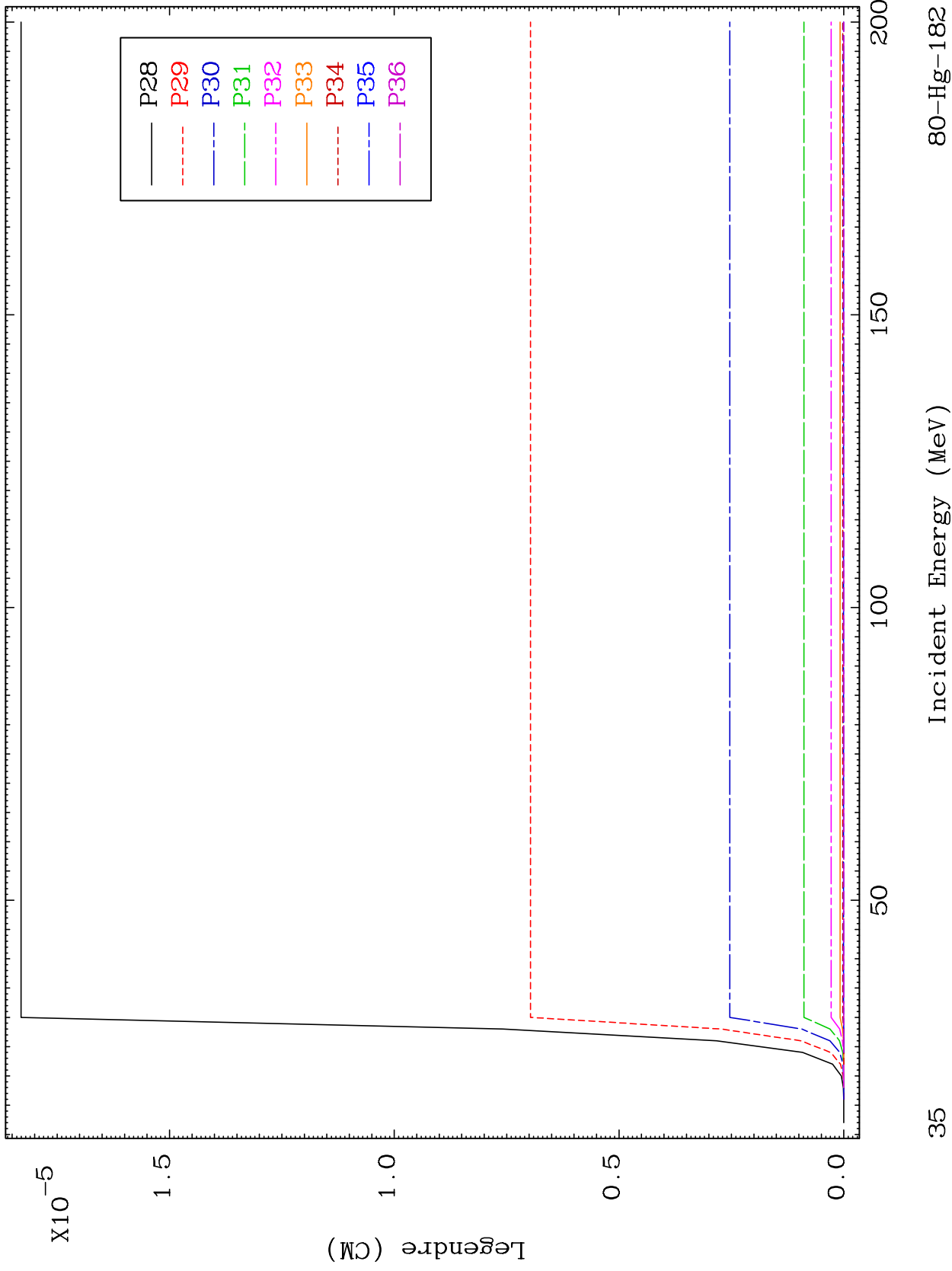
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



35

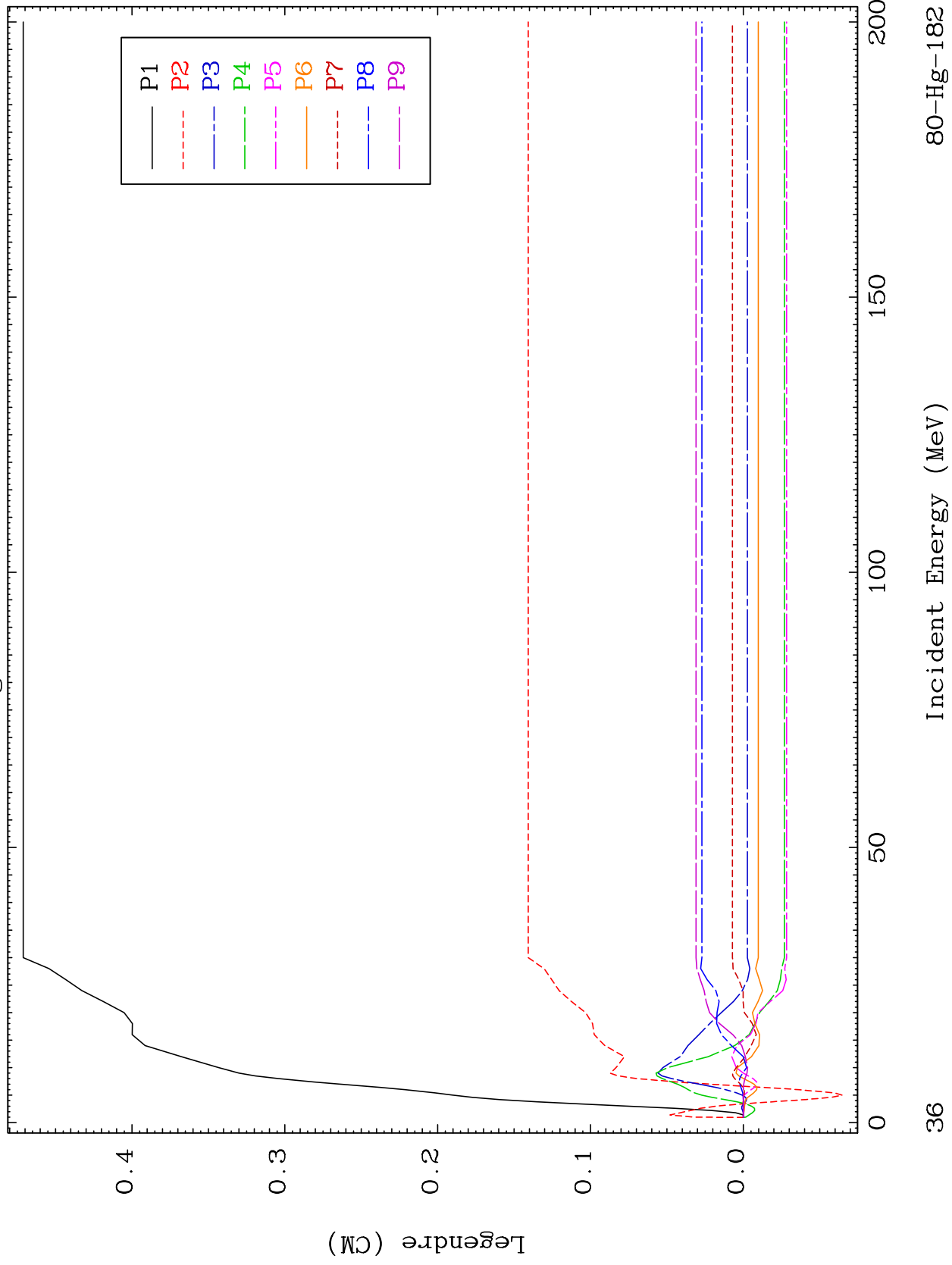
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182



80-Hg-182

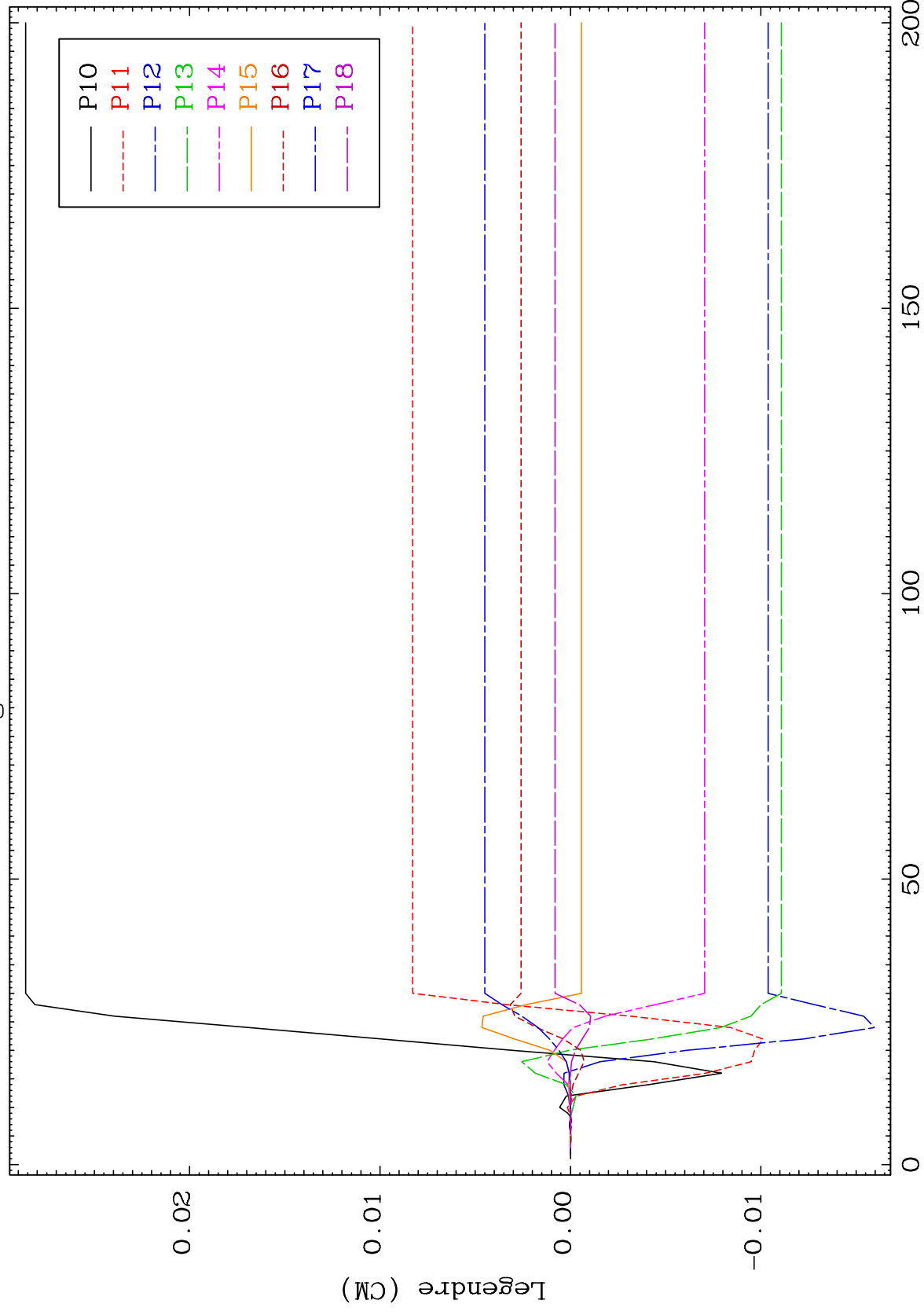
Incident Energy (MeV)

36

MAT 7983

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

80-Hg-182



37

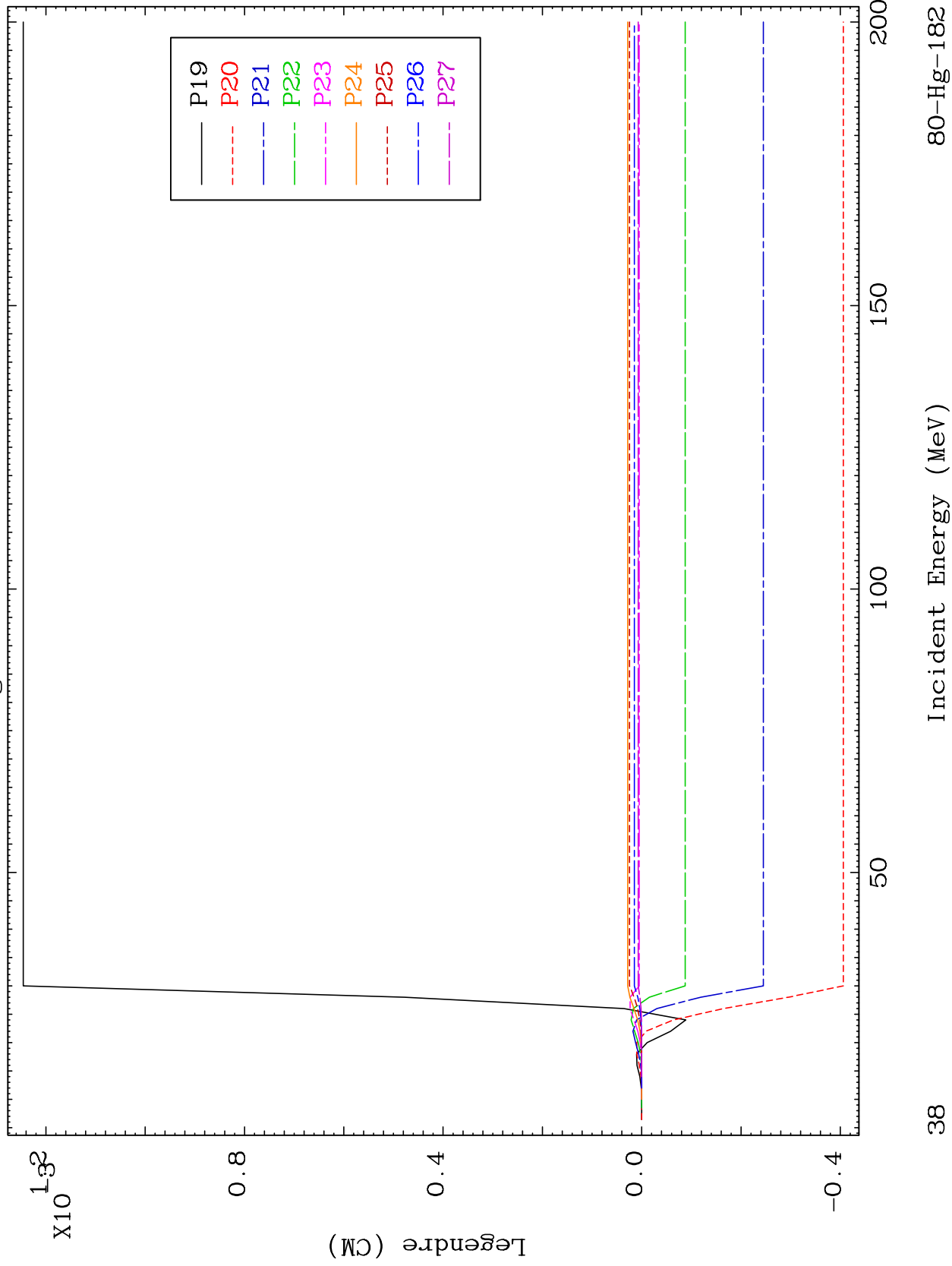
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

80-Hg-182

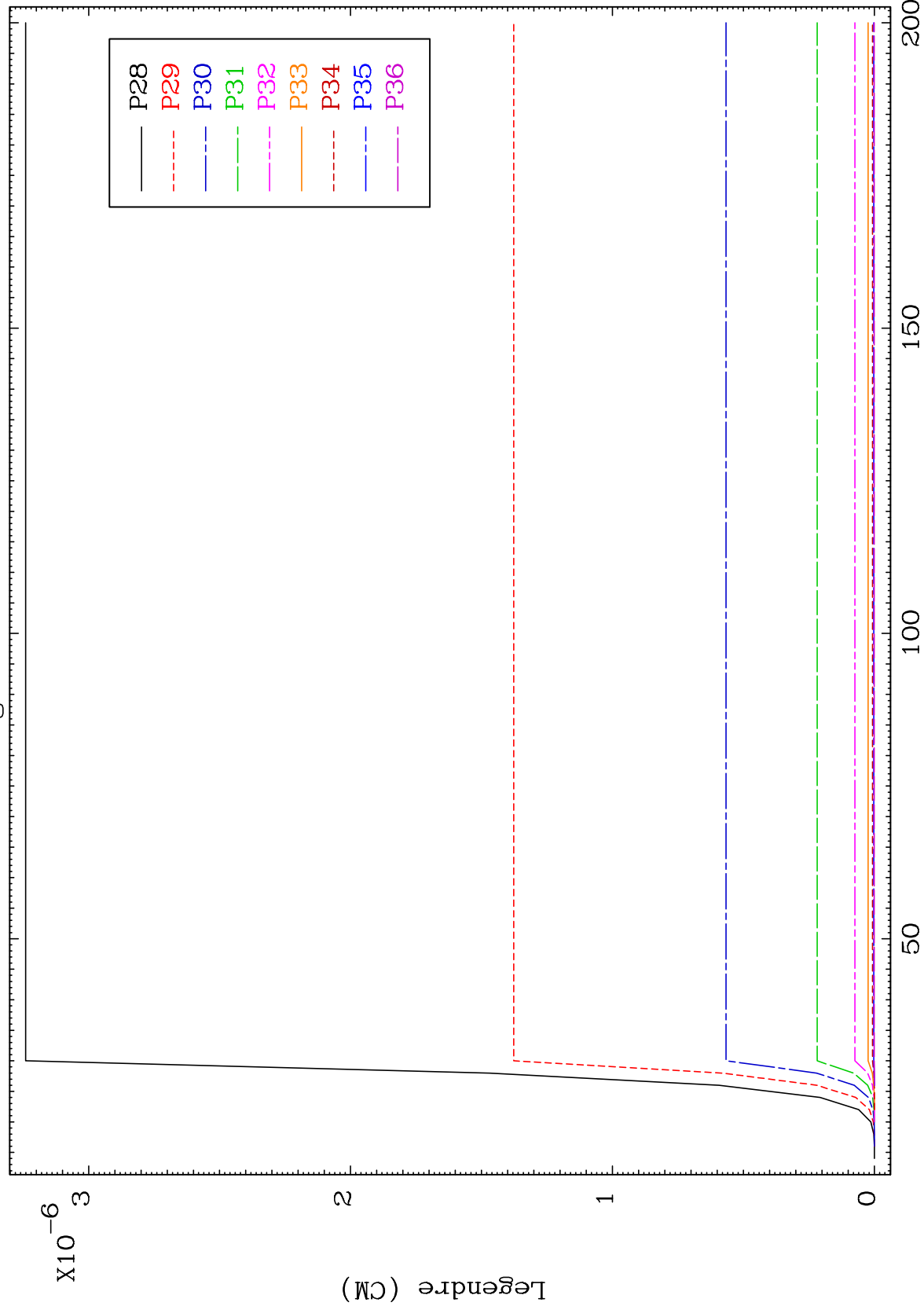


MAT 7983

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

80-Hg-182

$\times 10^{-6}$

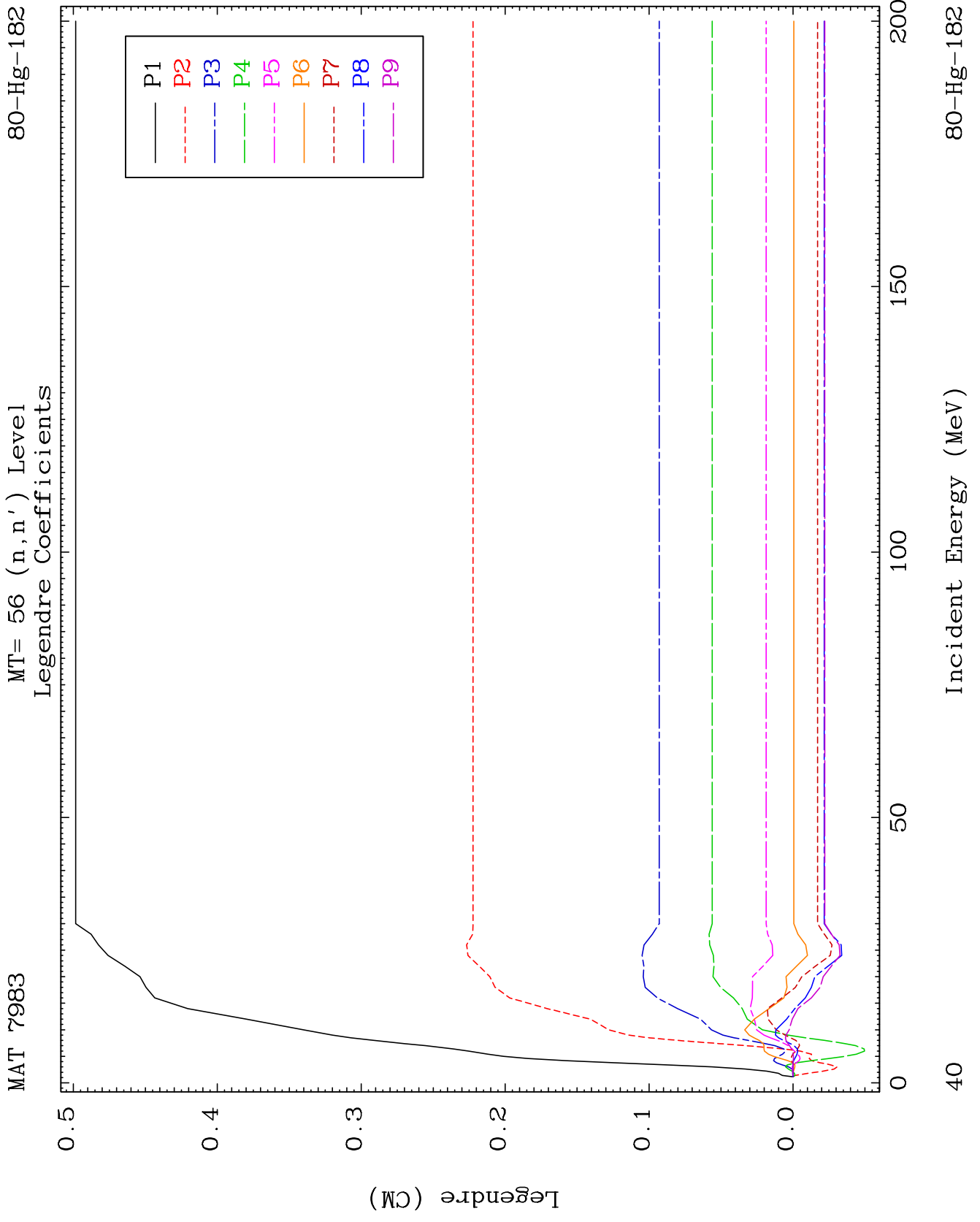


39

Incident Energy (MeV)

80-Hg-182

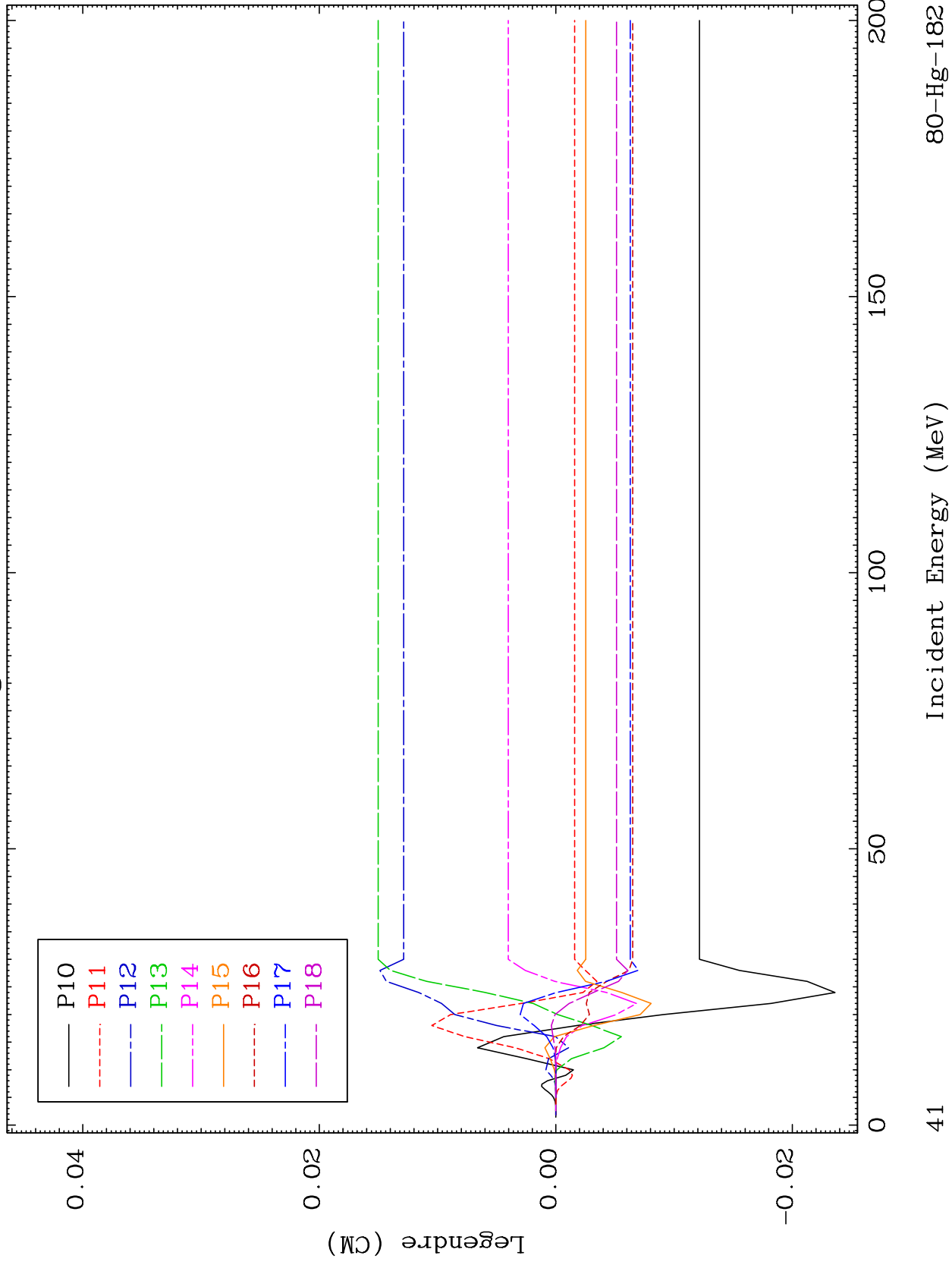




MAT 7983

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

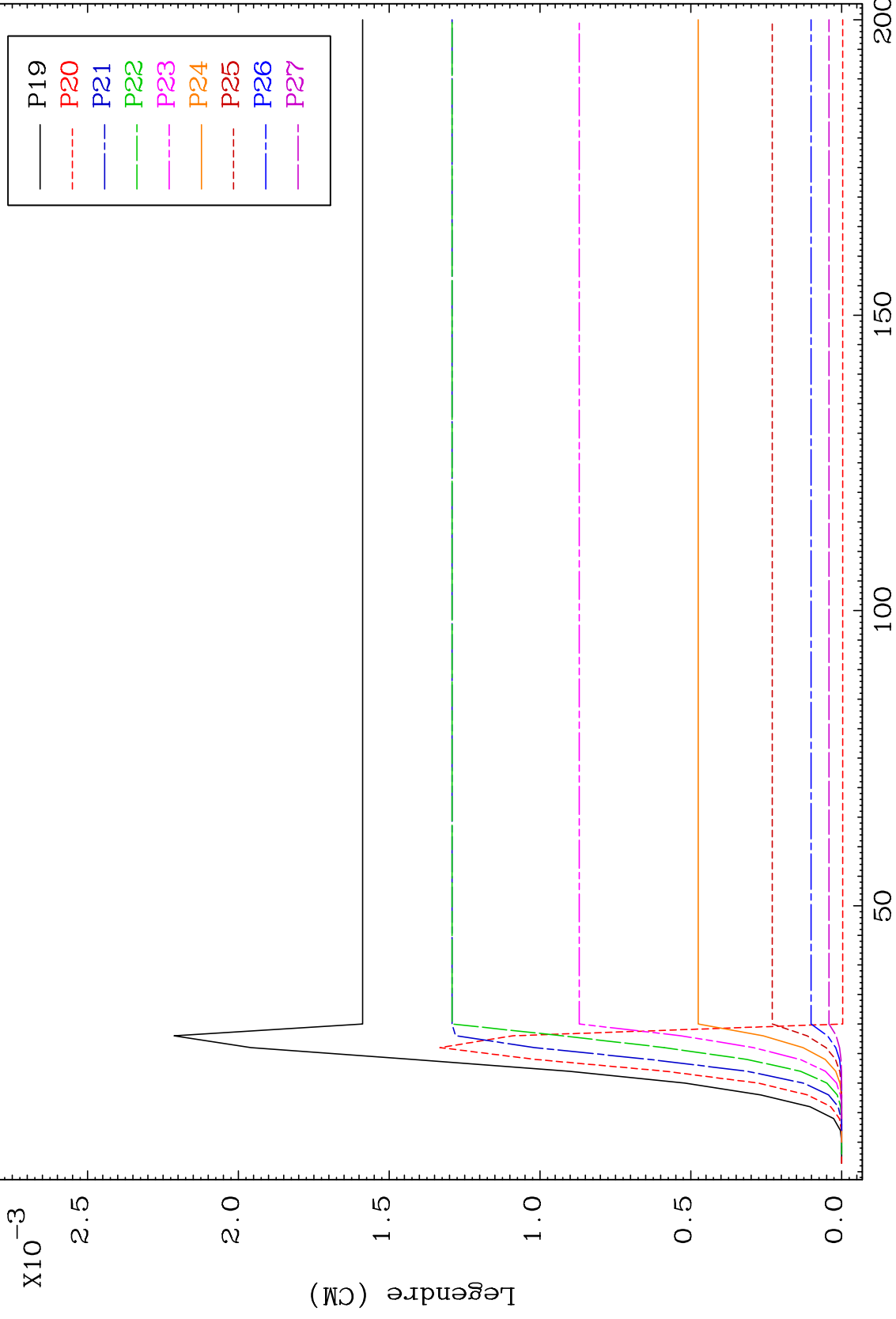
80-Hg-182



MAT 7983

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

80-Hg-182



42

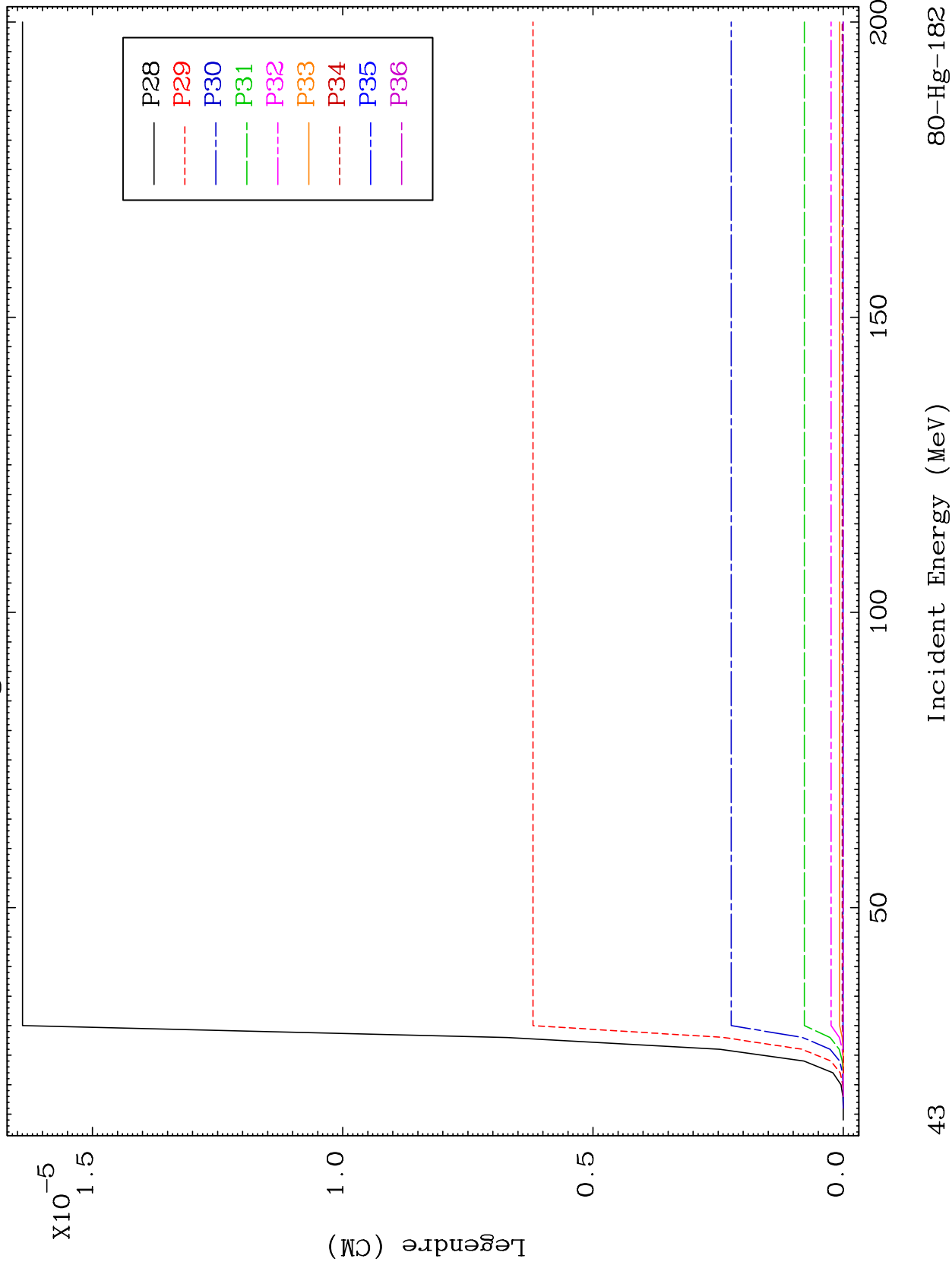
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

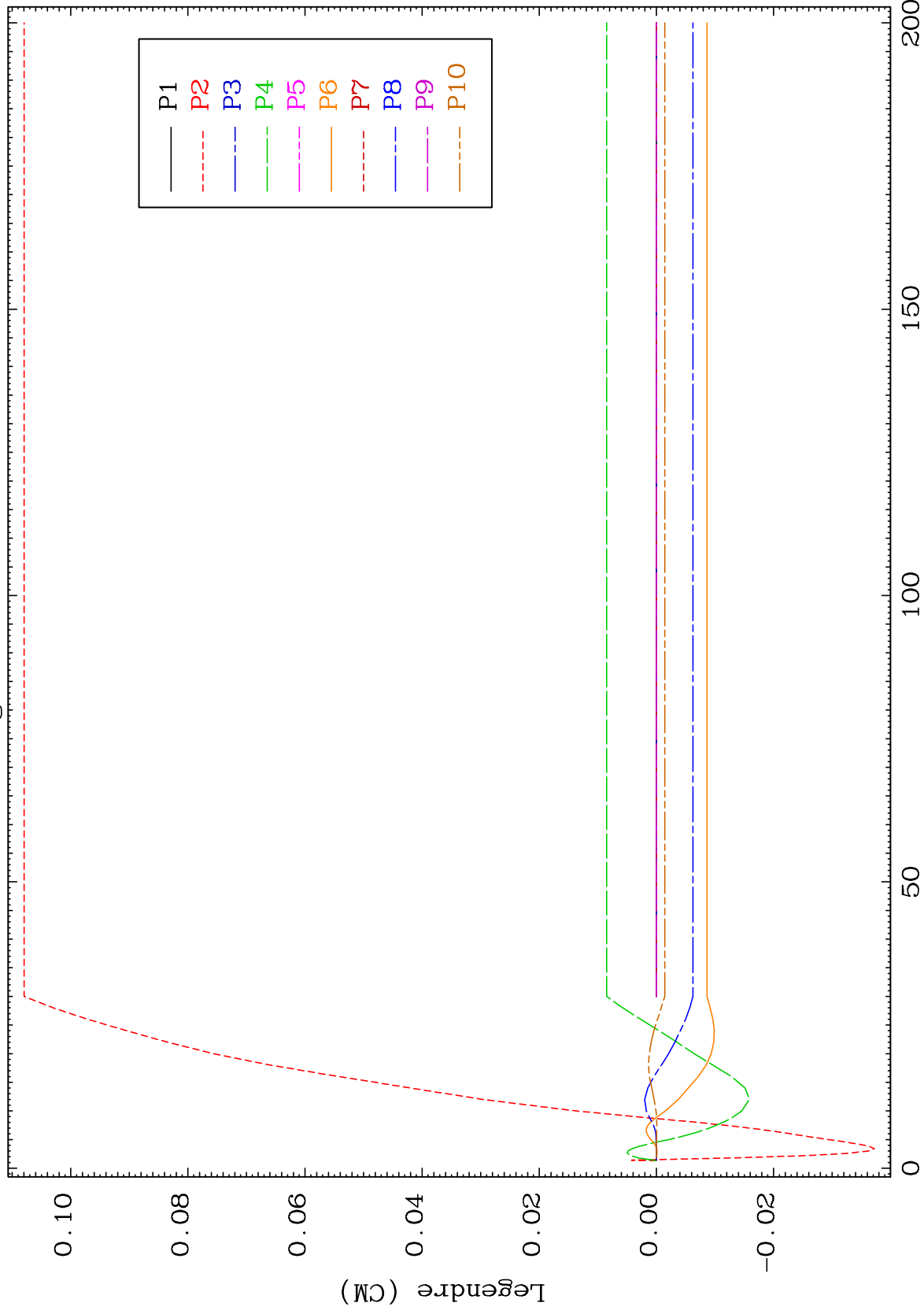
80-Hg-182



MAT 7983

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

80-Hg-182



80-Hg-182

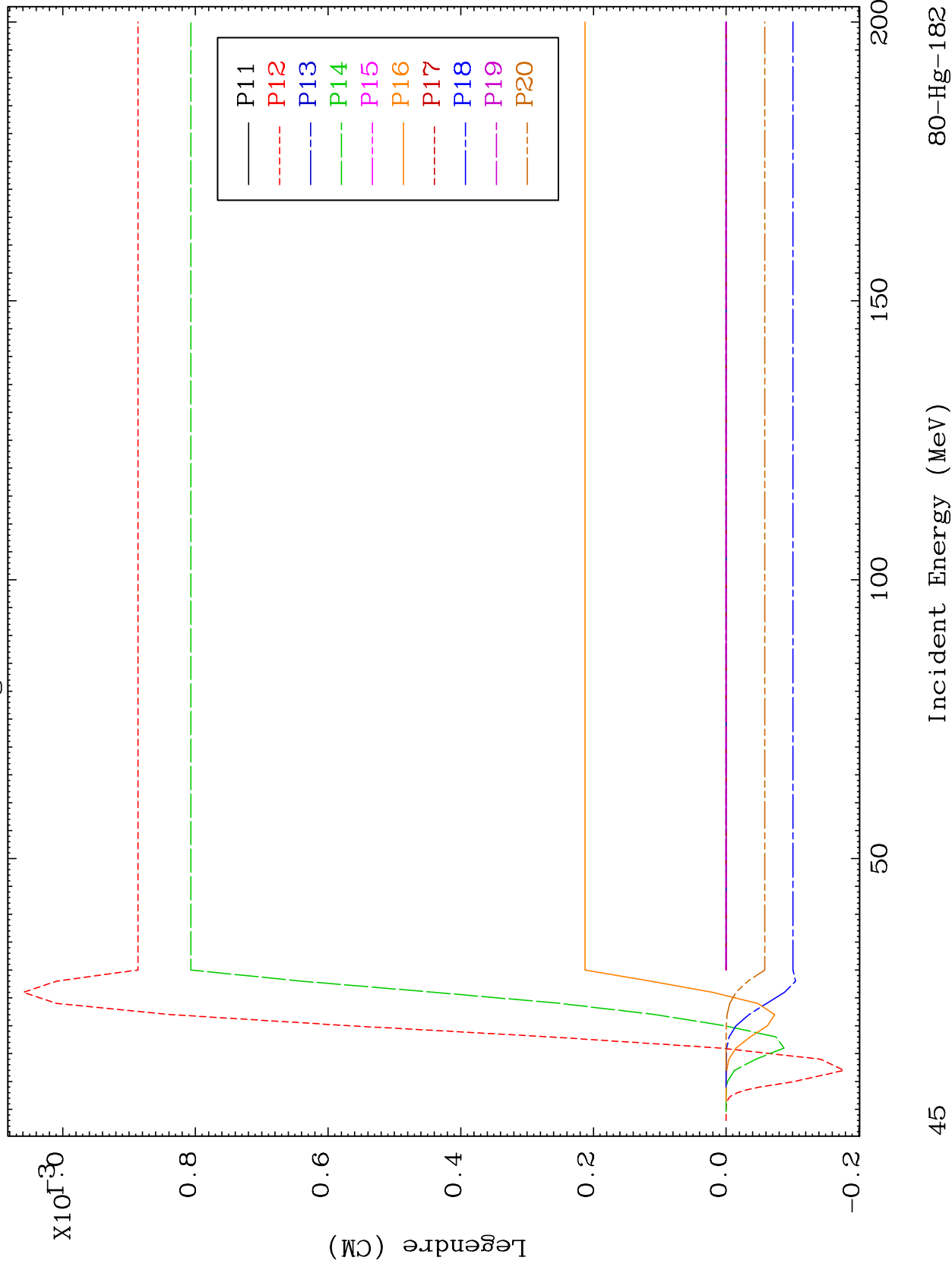
Incident Energy (MeV)

44

MAT 7983

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

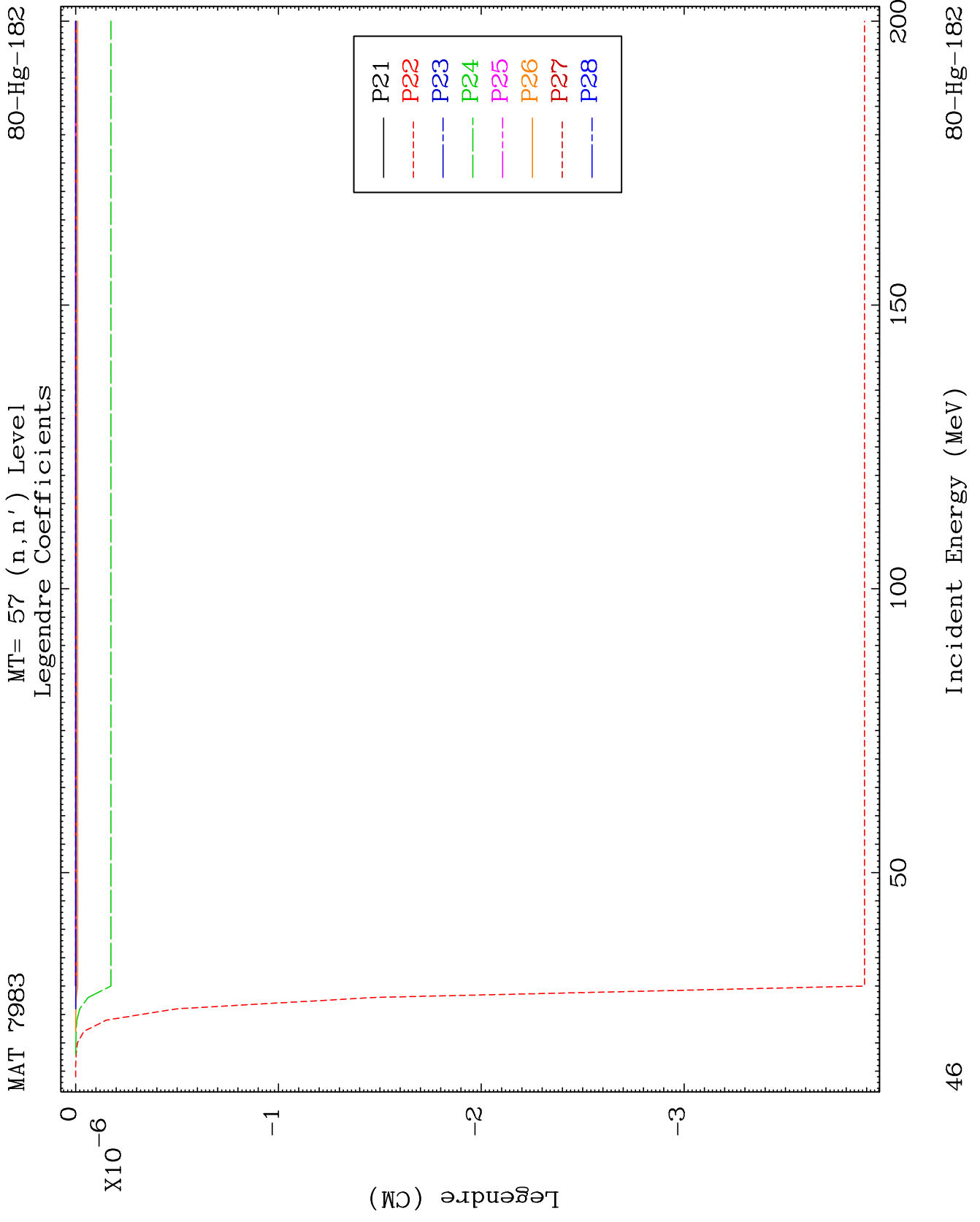
80-Hg-182



45

Incident Energy (MeV)

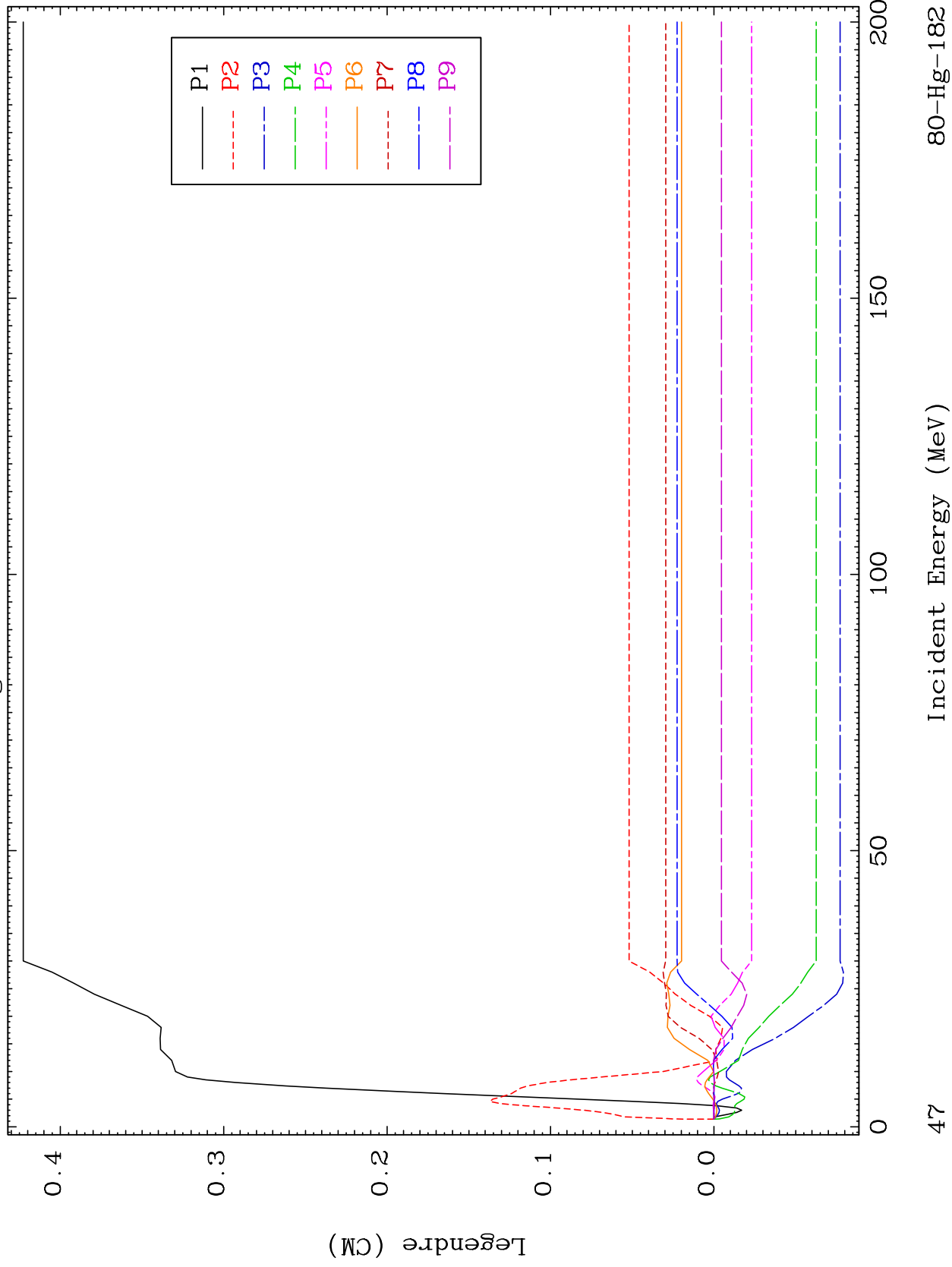
80-Hg-182



MAT 7983

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

80-Hg-182



47

Incident Energy (MeV)

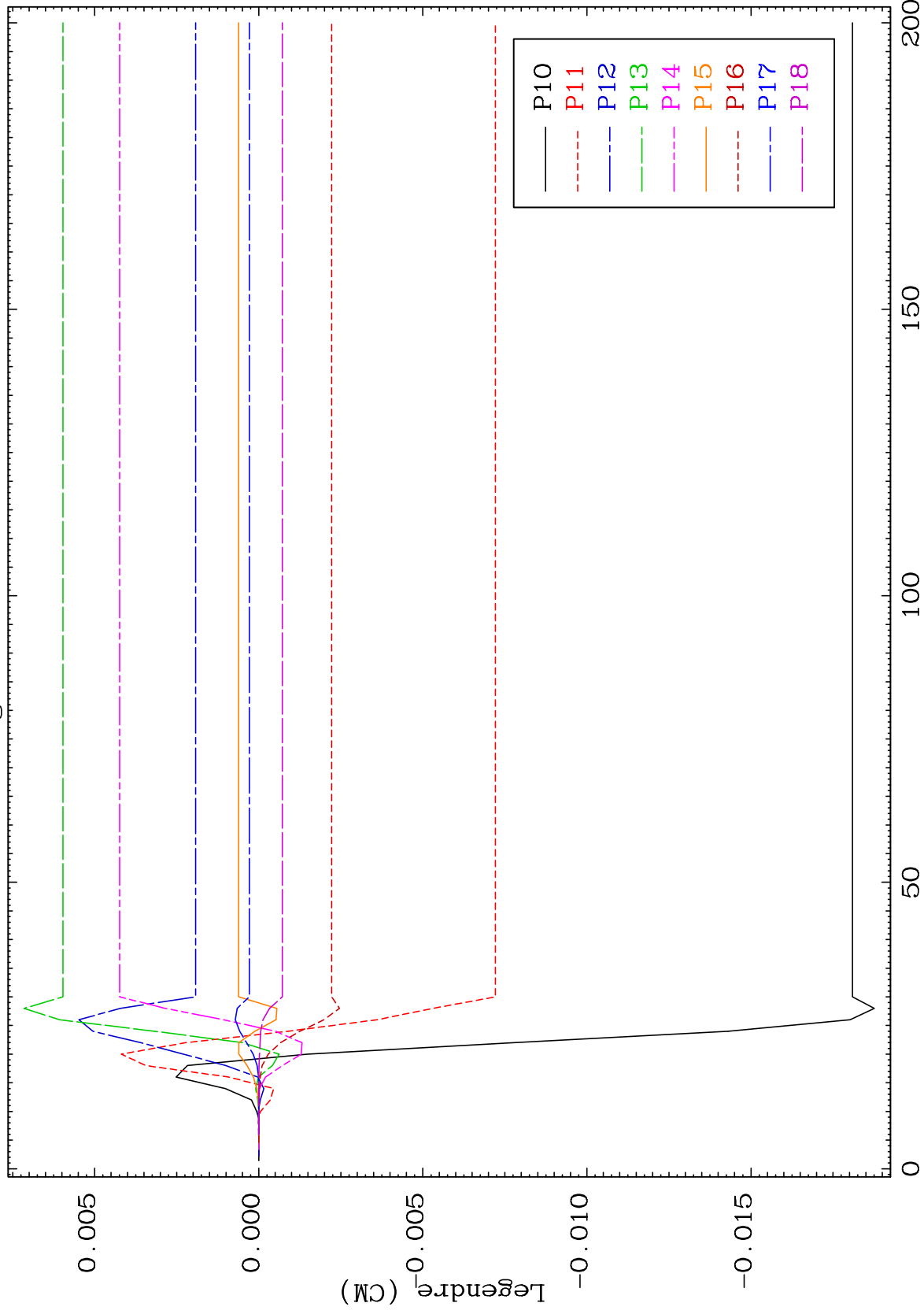
80-Hg-182



MAT 7983

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

80-Hg-182



48

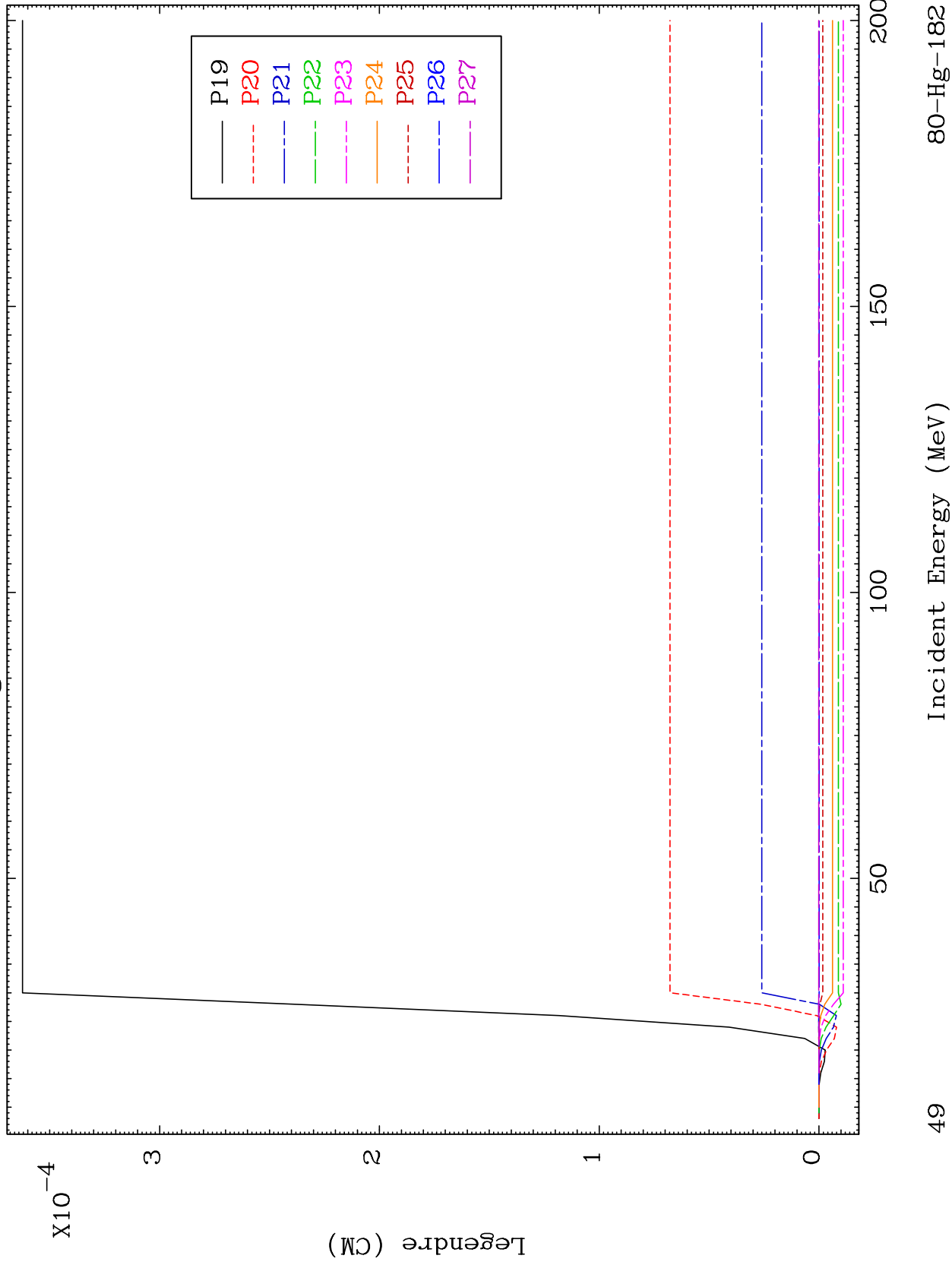
Incident Energy (MeV)

80-Hg-182

MAT 7983

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

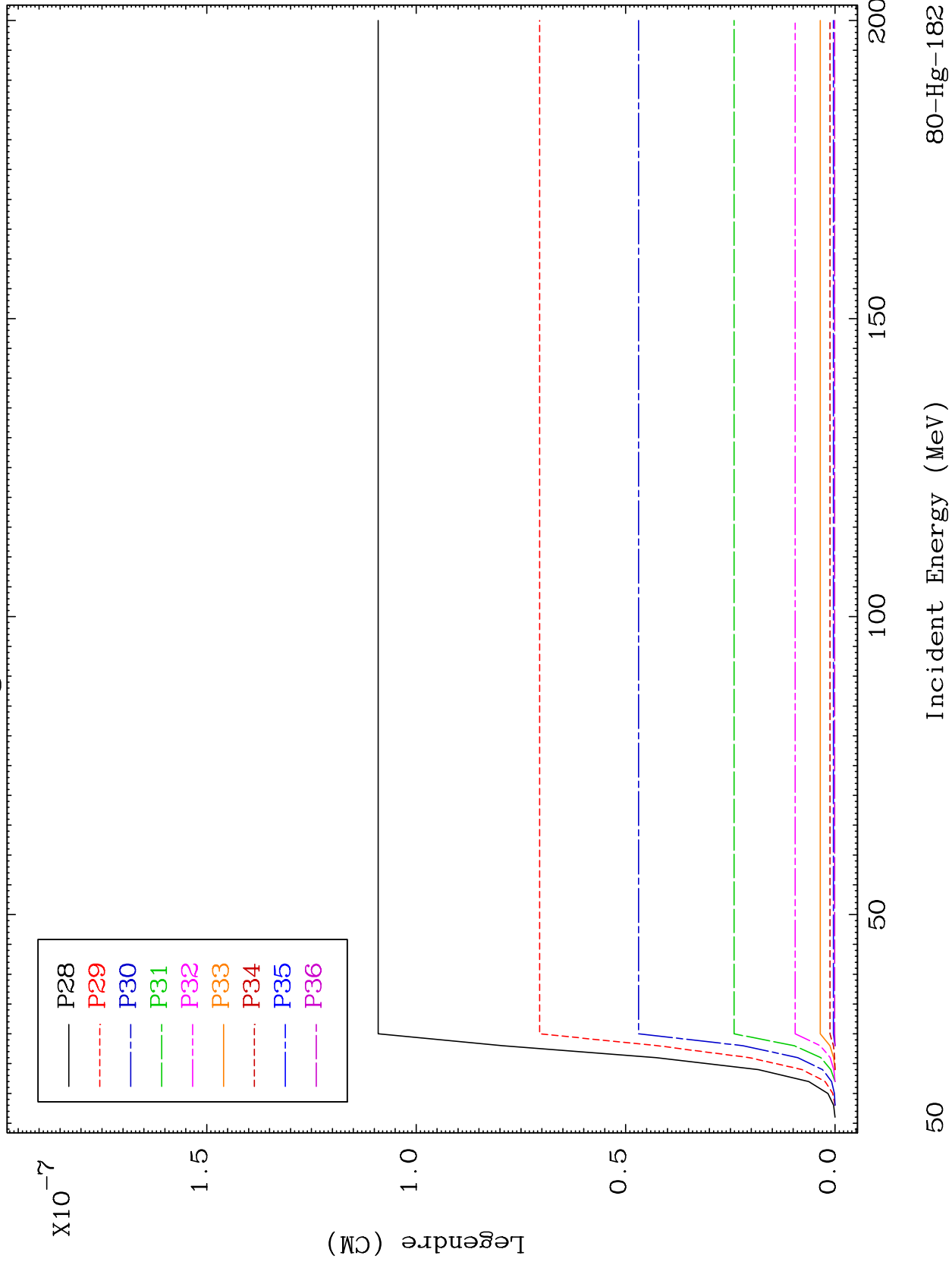
80-Hg-182



MAT 7983

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

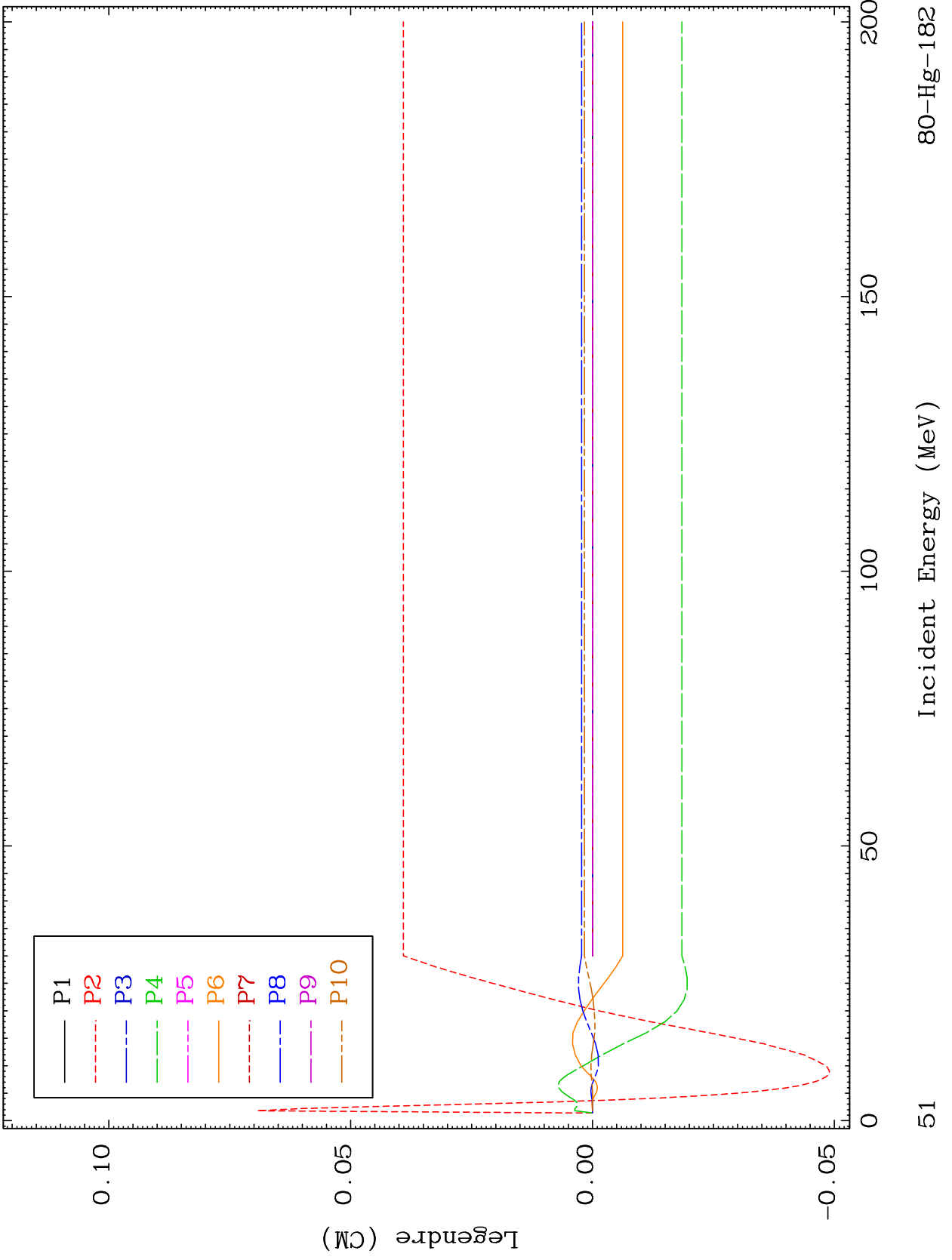
80-Hg-182



MAT 7983

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

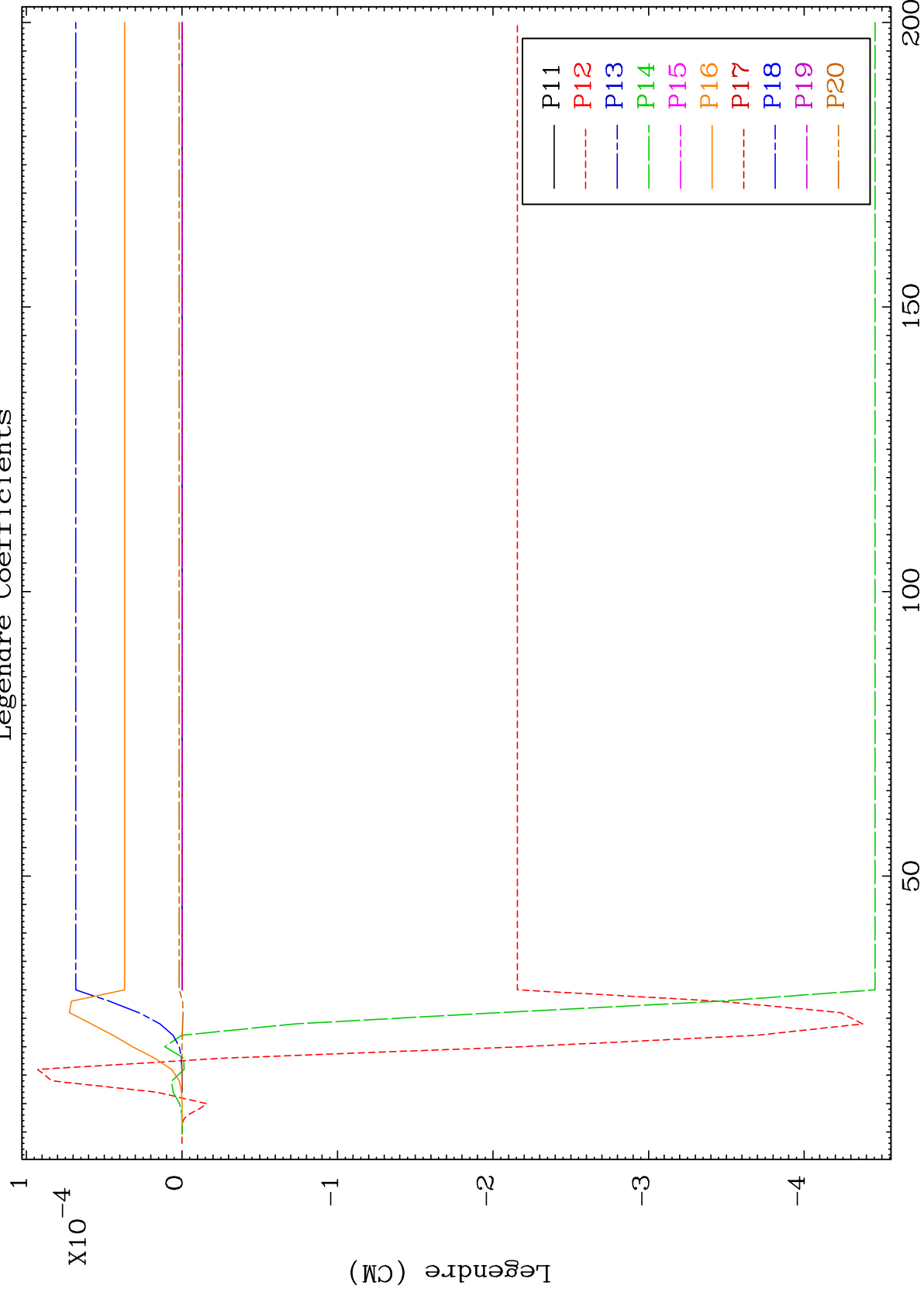
80-Hg-182



MAT 7983

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

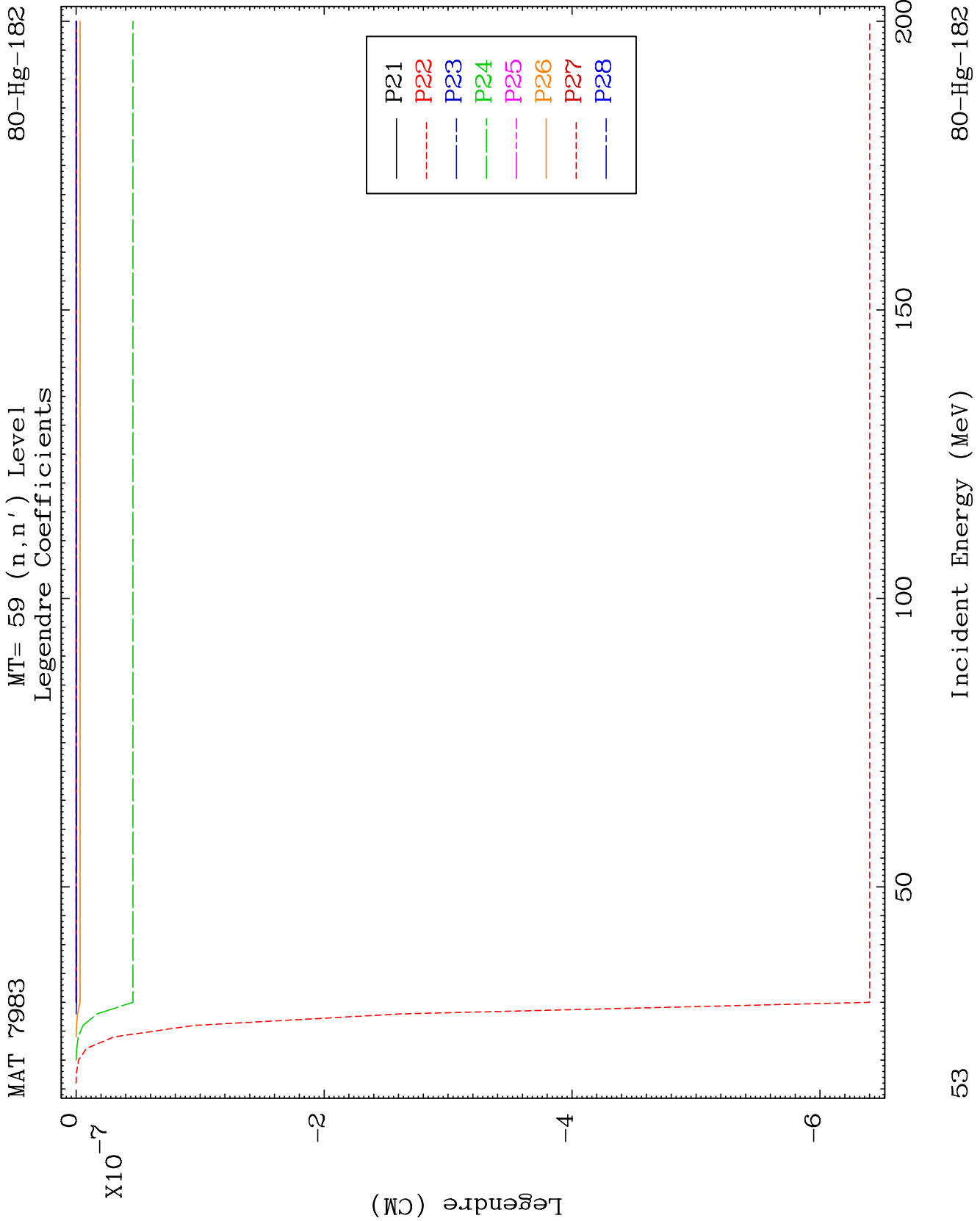
80-Hg-182



52

80-Hg-182

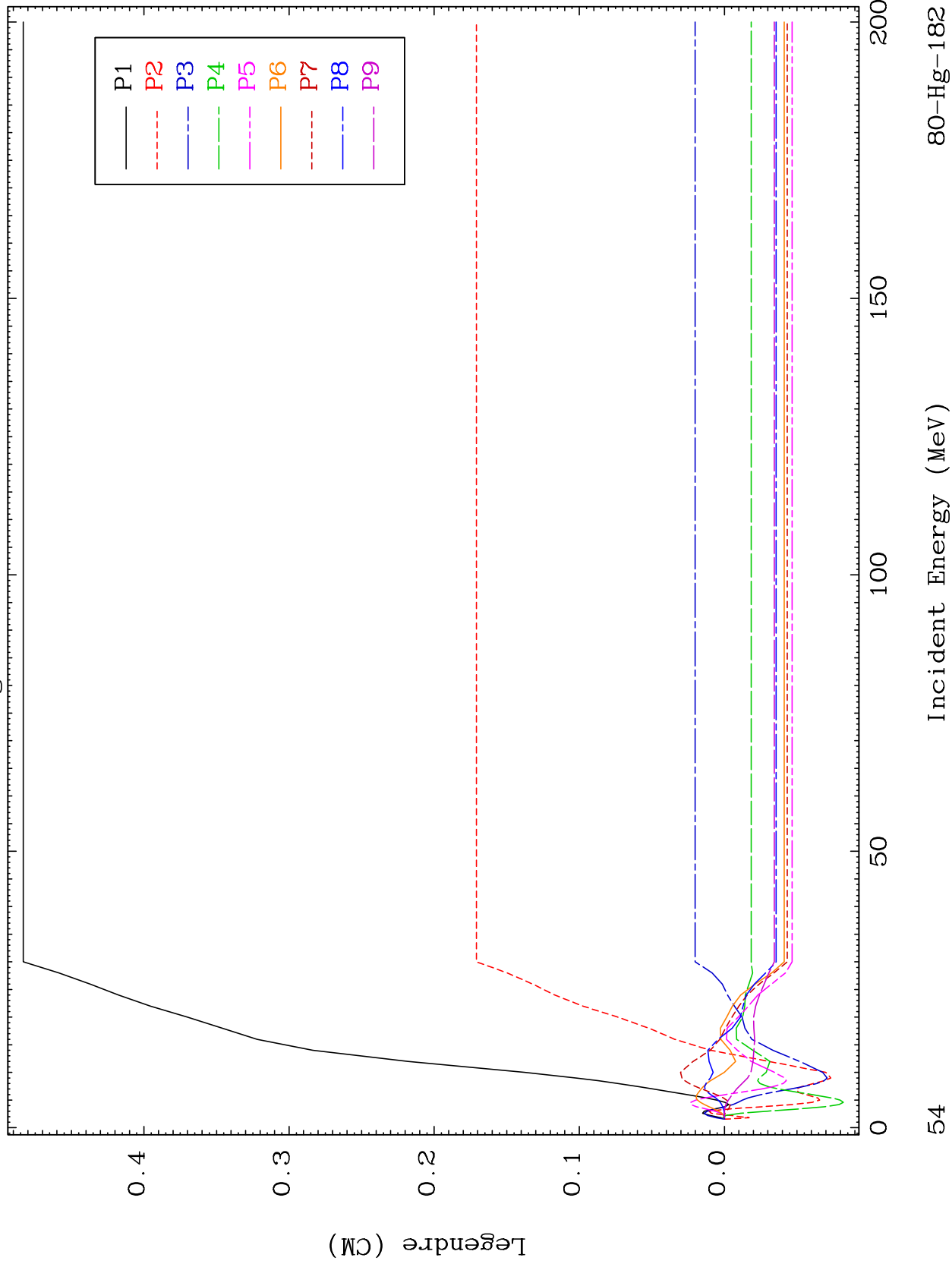
80-Hg-182



MAT 7983

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

80-Hg-182



80-Hg-182

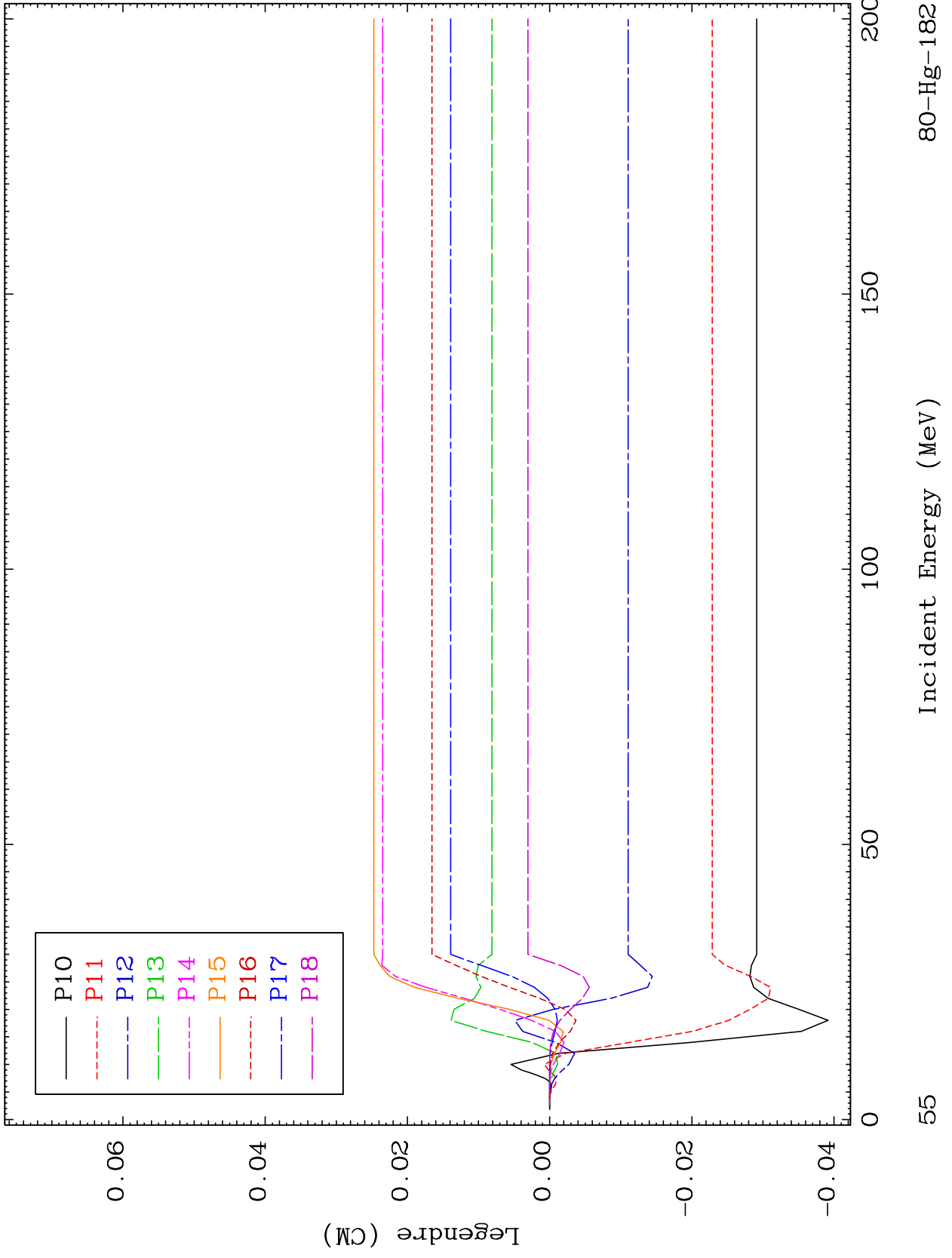
Incident Energy (MeV)

54

MAT 7983

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

80-Hg-182



80-Hg-182

Incident Energy (MeV)

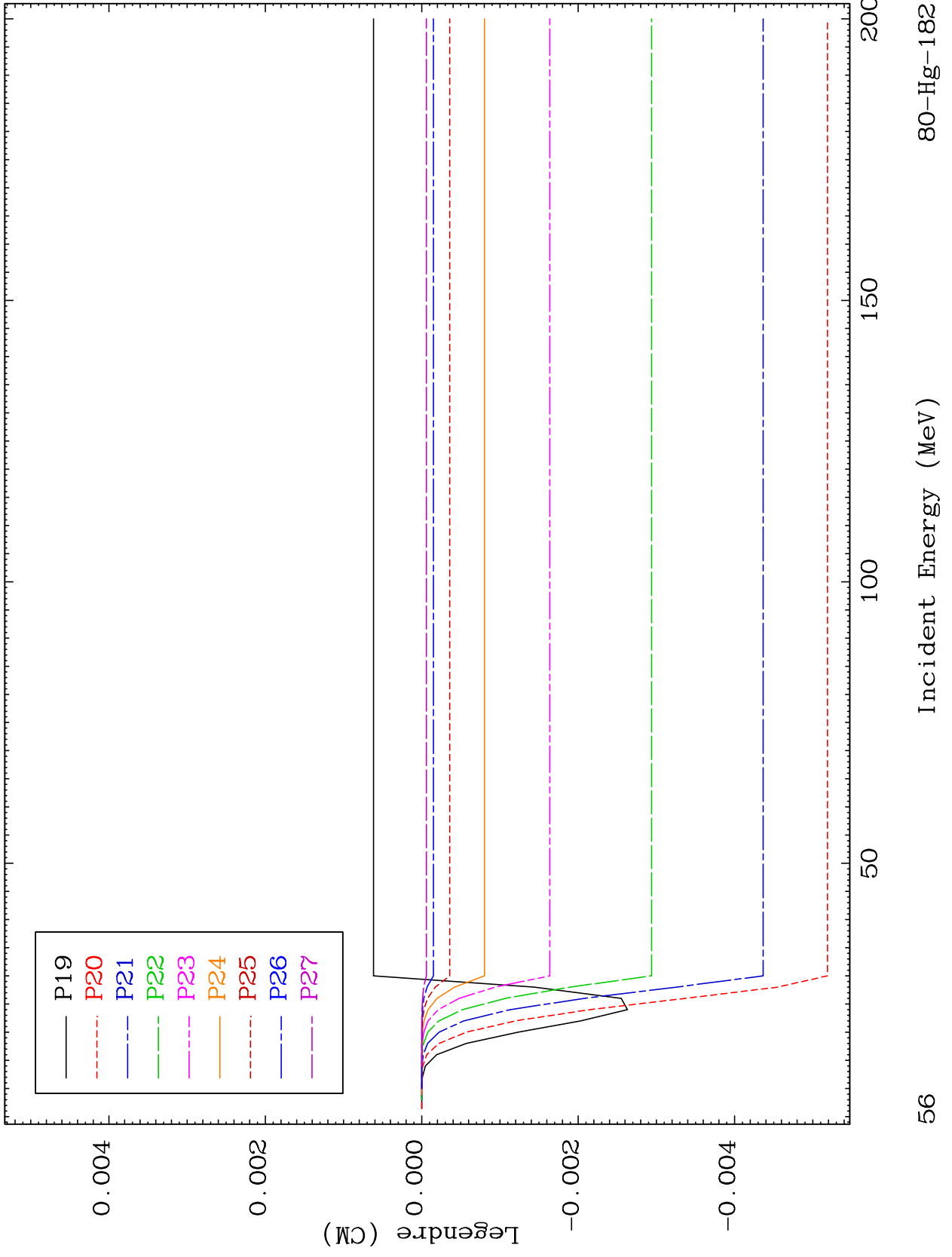
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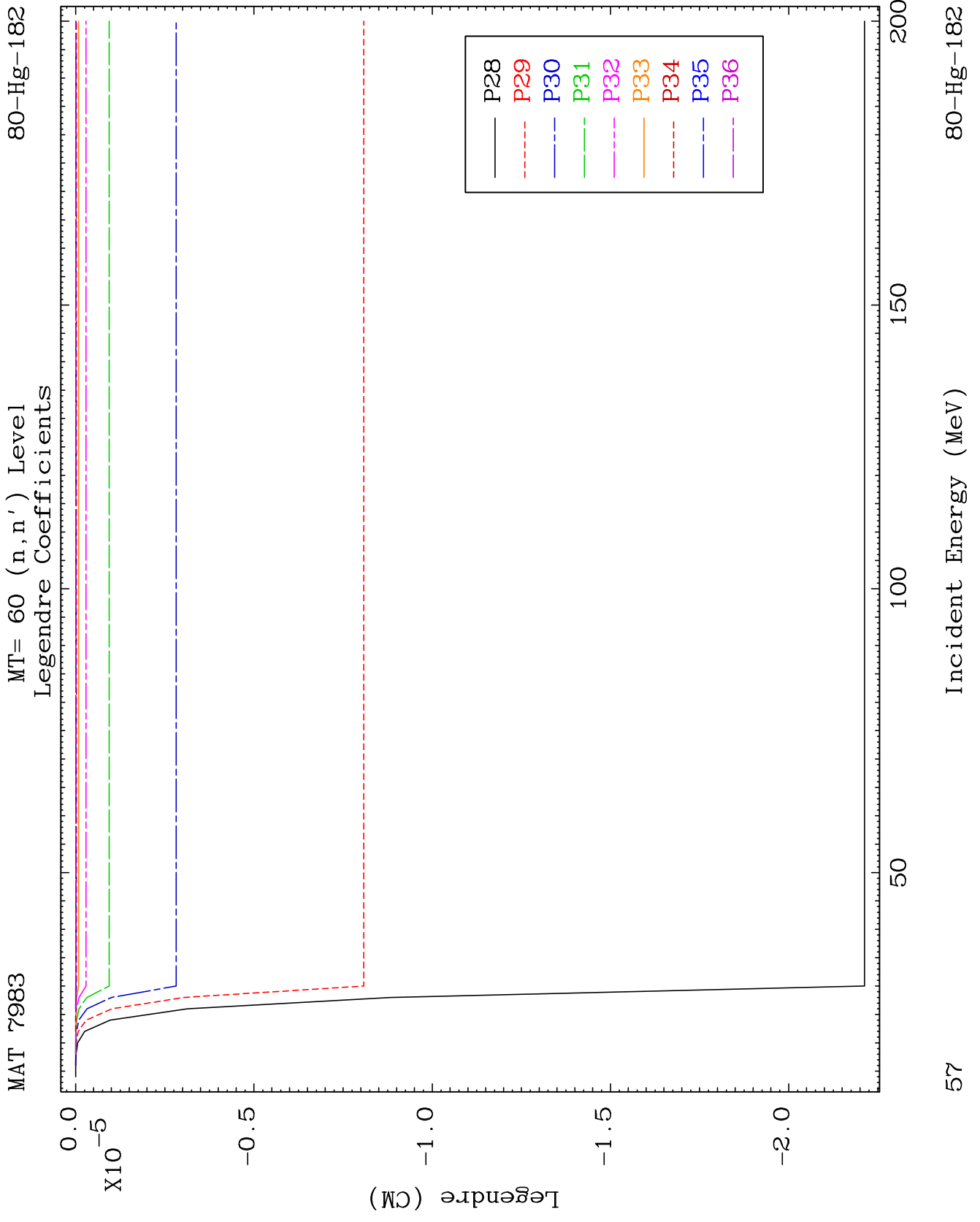


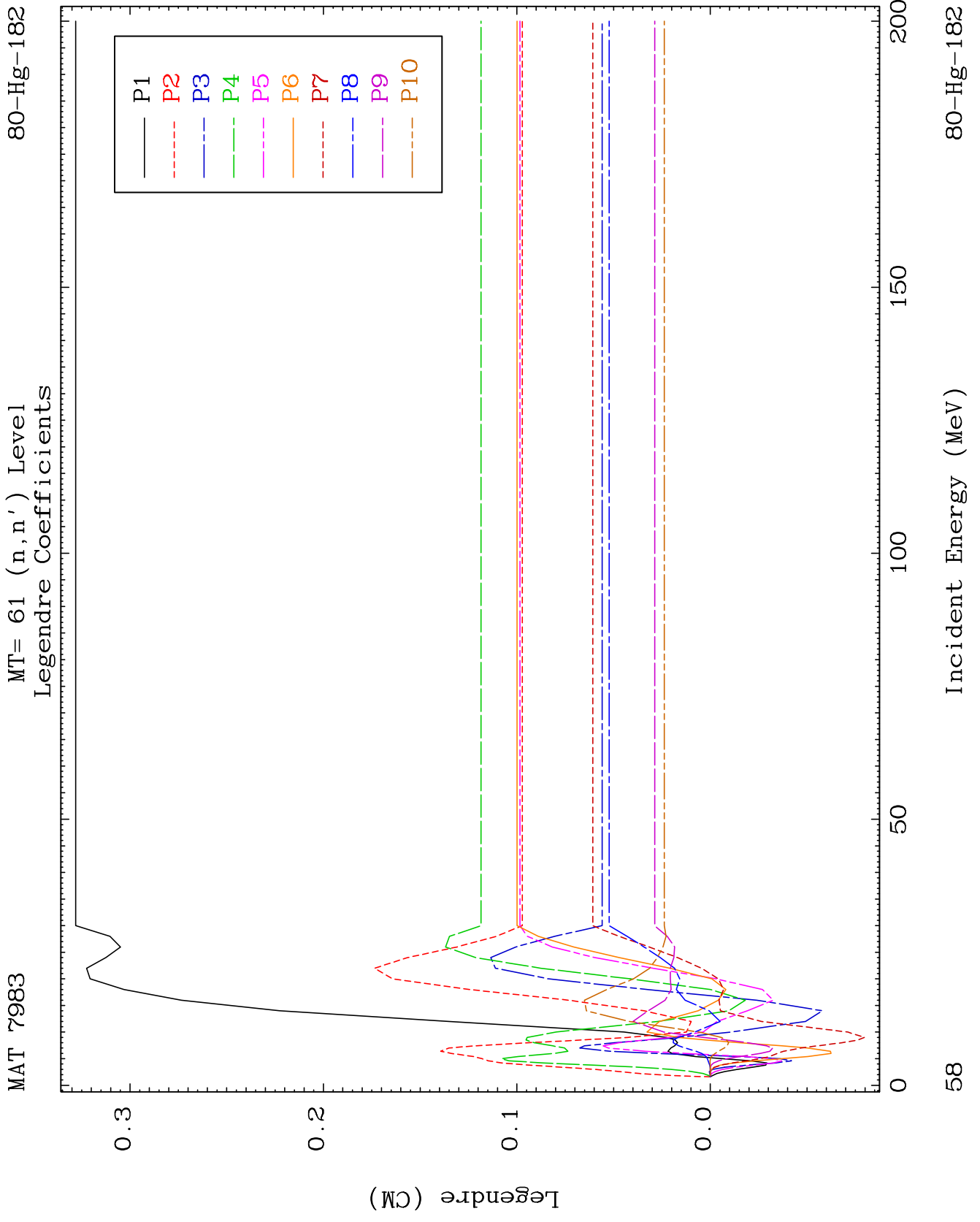
MAT 7983

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

80-Hg-182



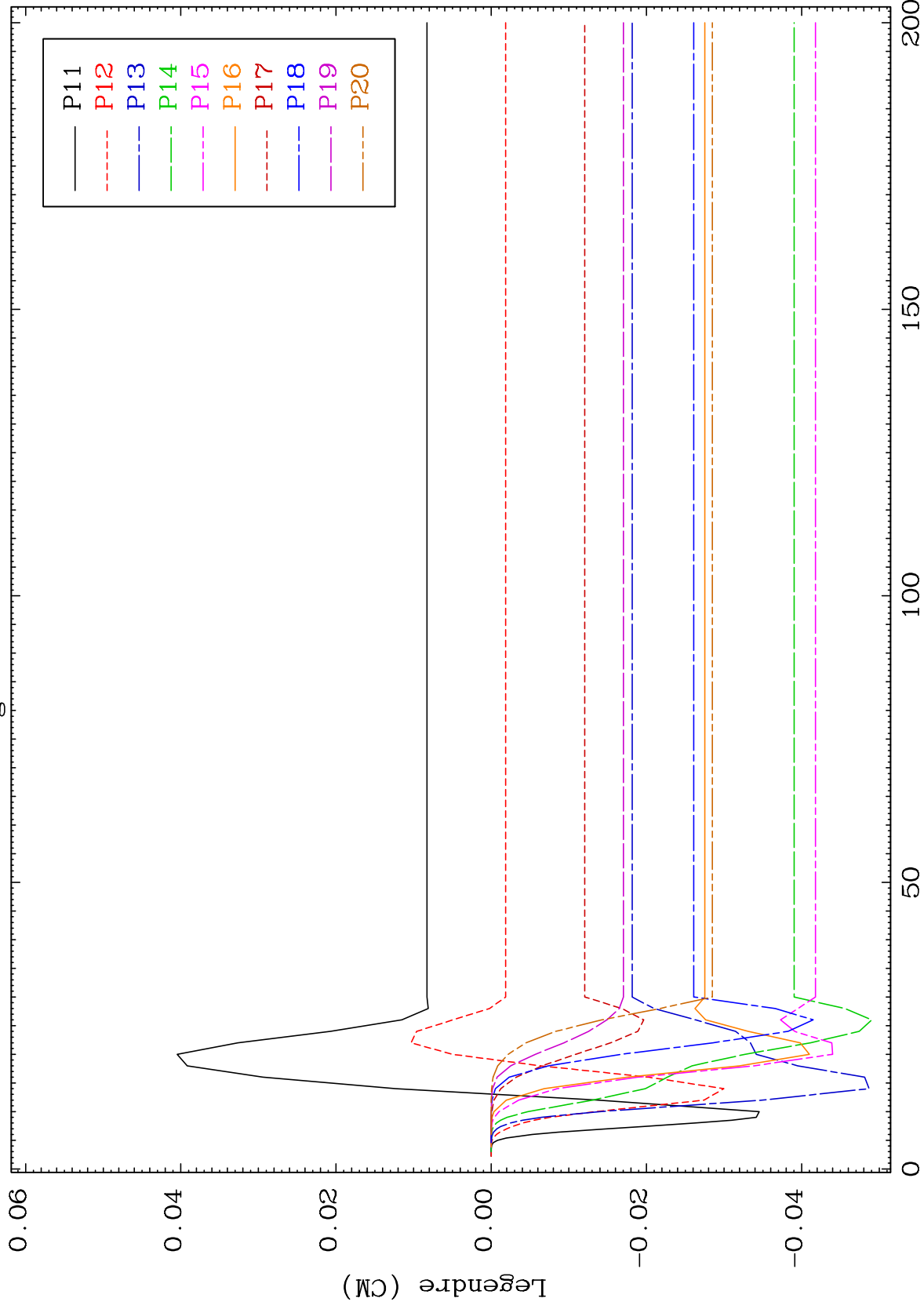




MAT 7983

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

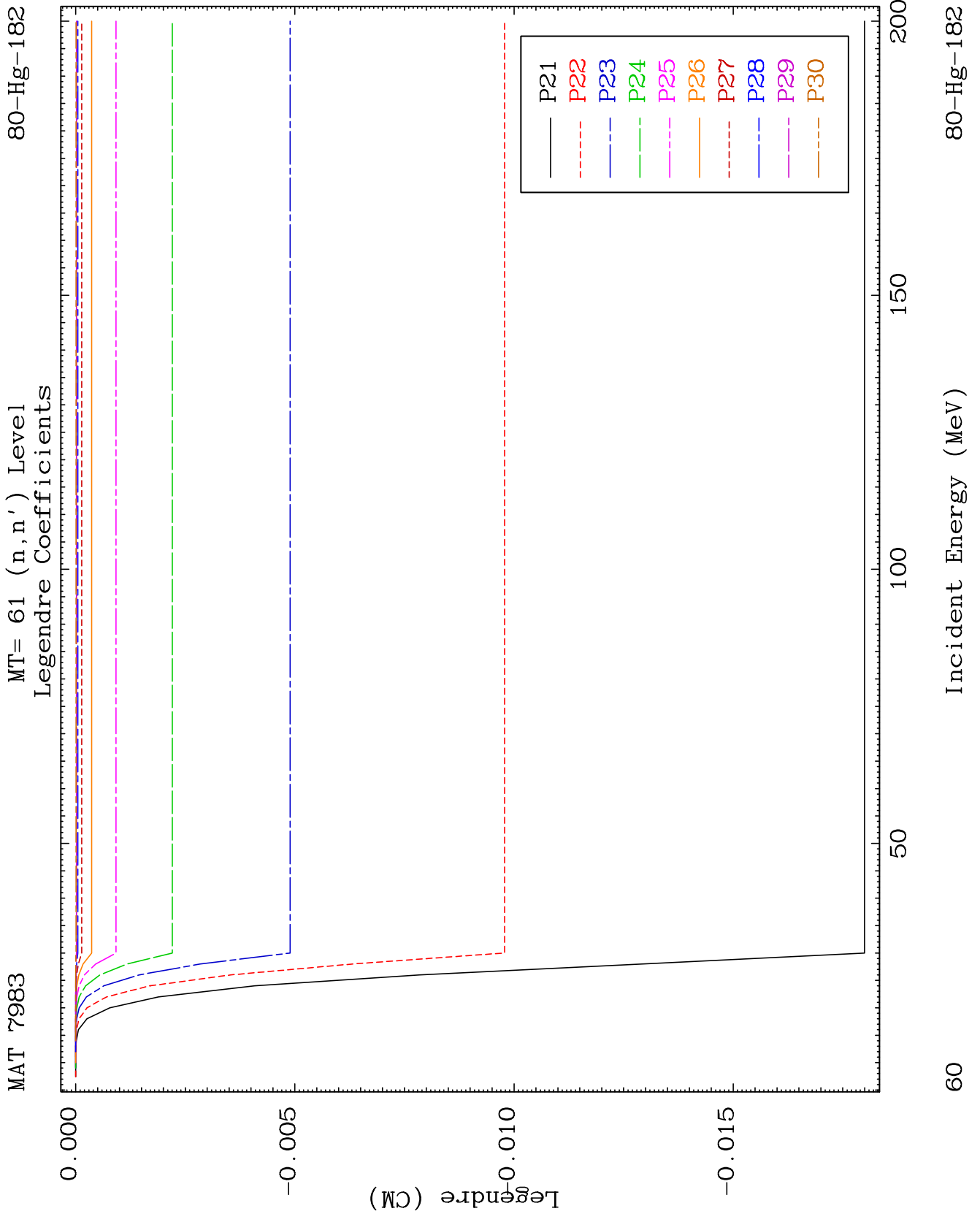
80-Hg-182

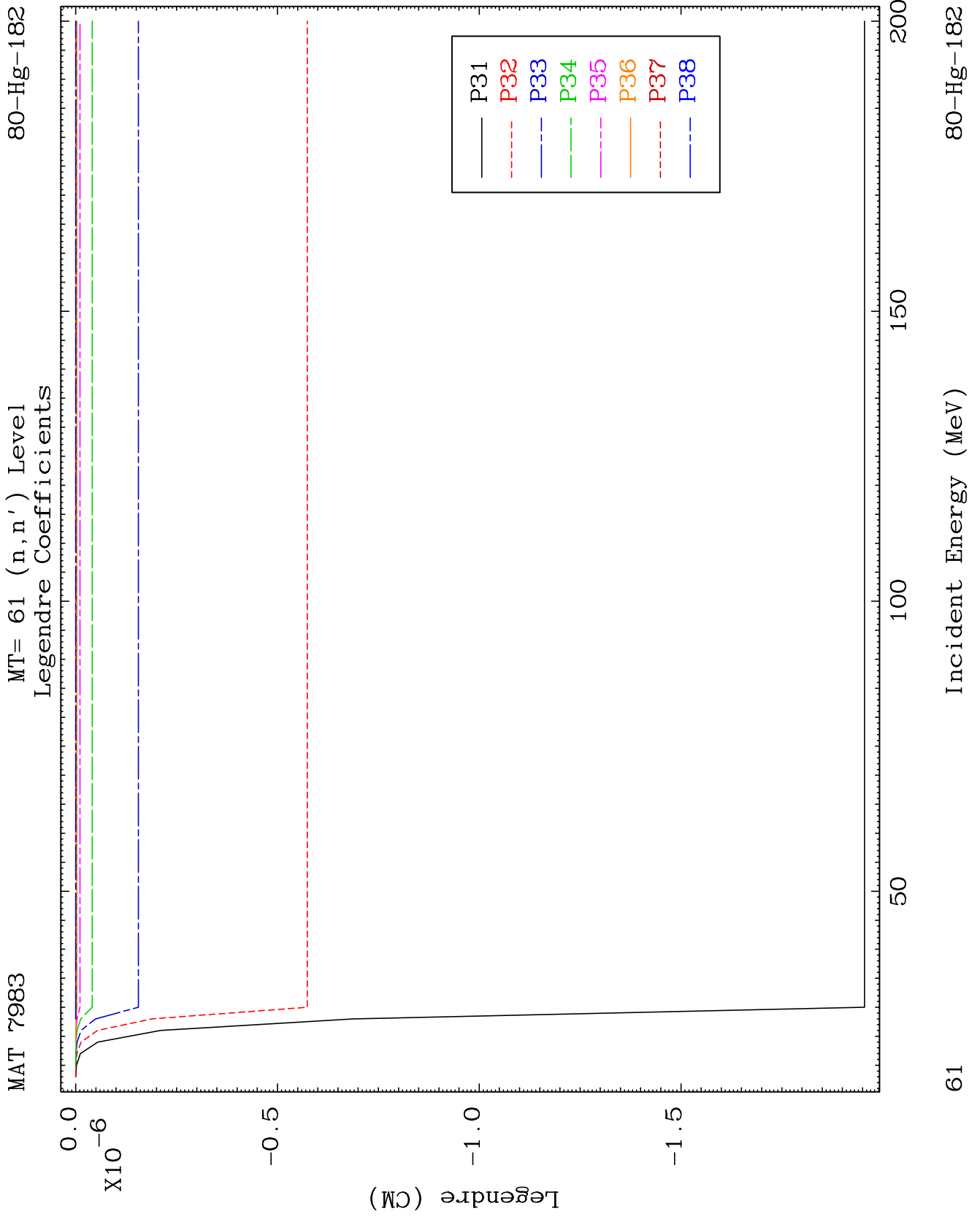


59

Incident Energy (MeV)

80-Hg-182





MAT 7983

Fission

80-Hg-182

Radionuclide Production Cross Section

