

Program EVALPLOT  
(Version 2018-1)

by

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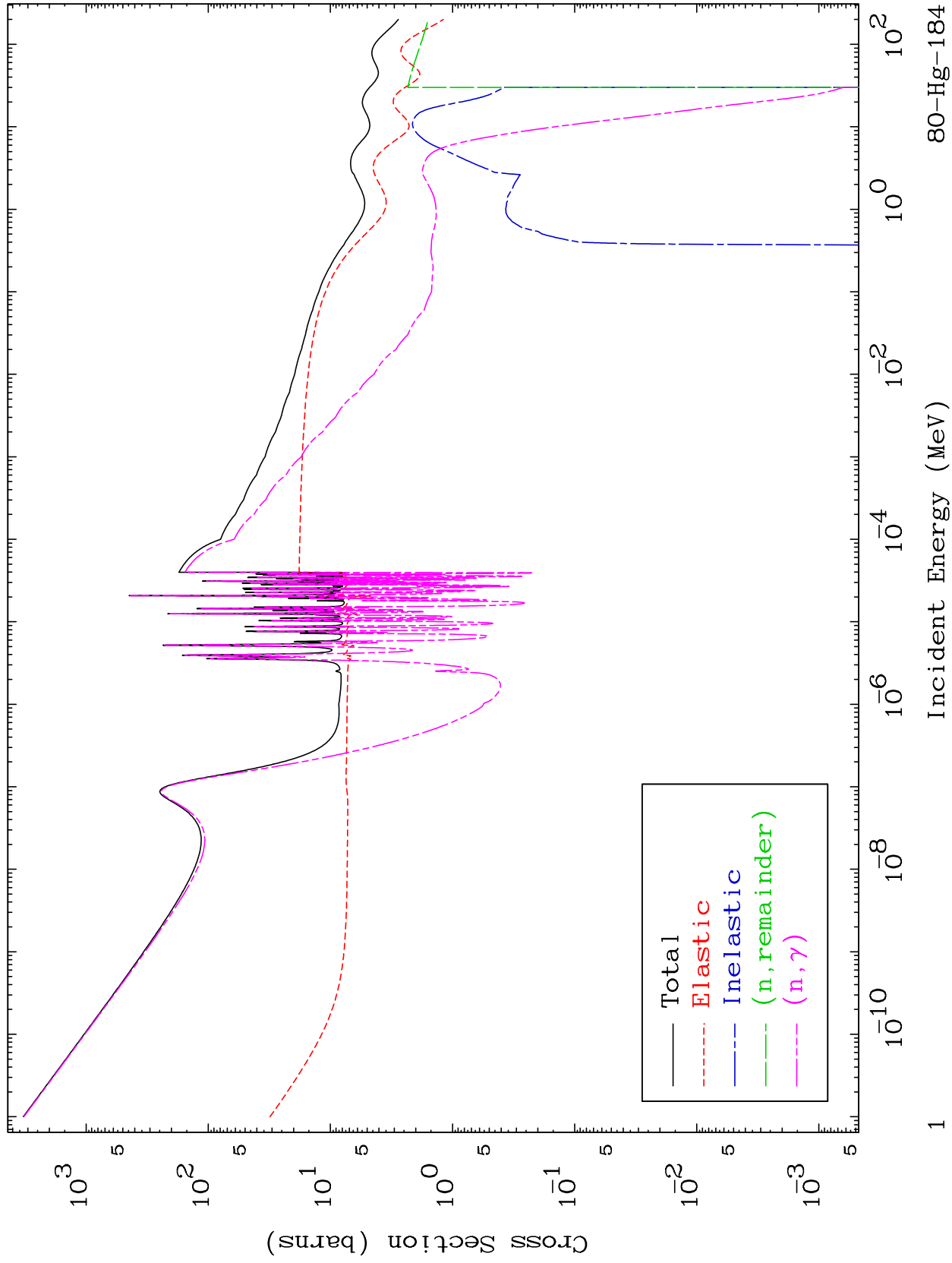
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7989

Major  
293 Kelvin Cross Sections

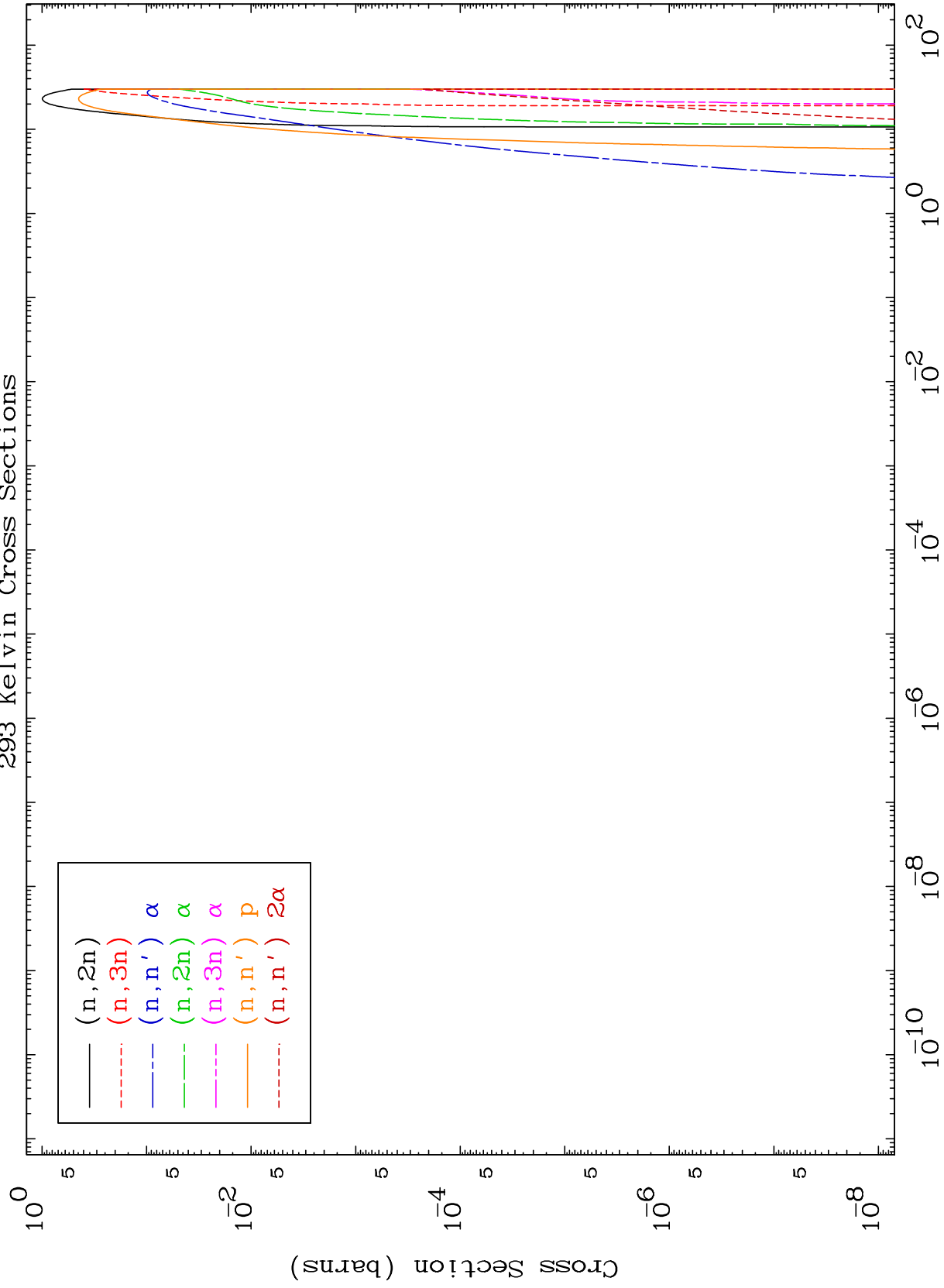
80-Hg-184



MAT 7989

Neutron Production  
293 Kelvin Cross Sections

80-Hg-184



2

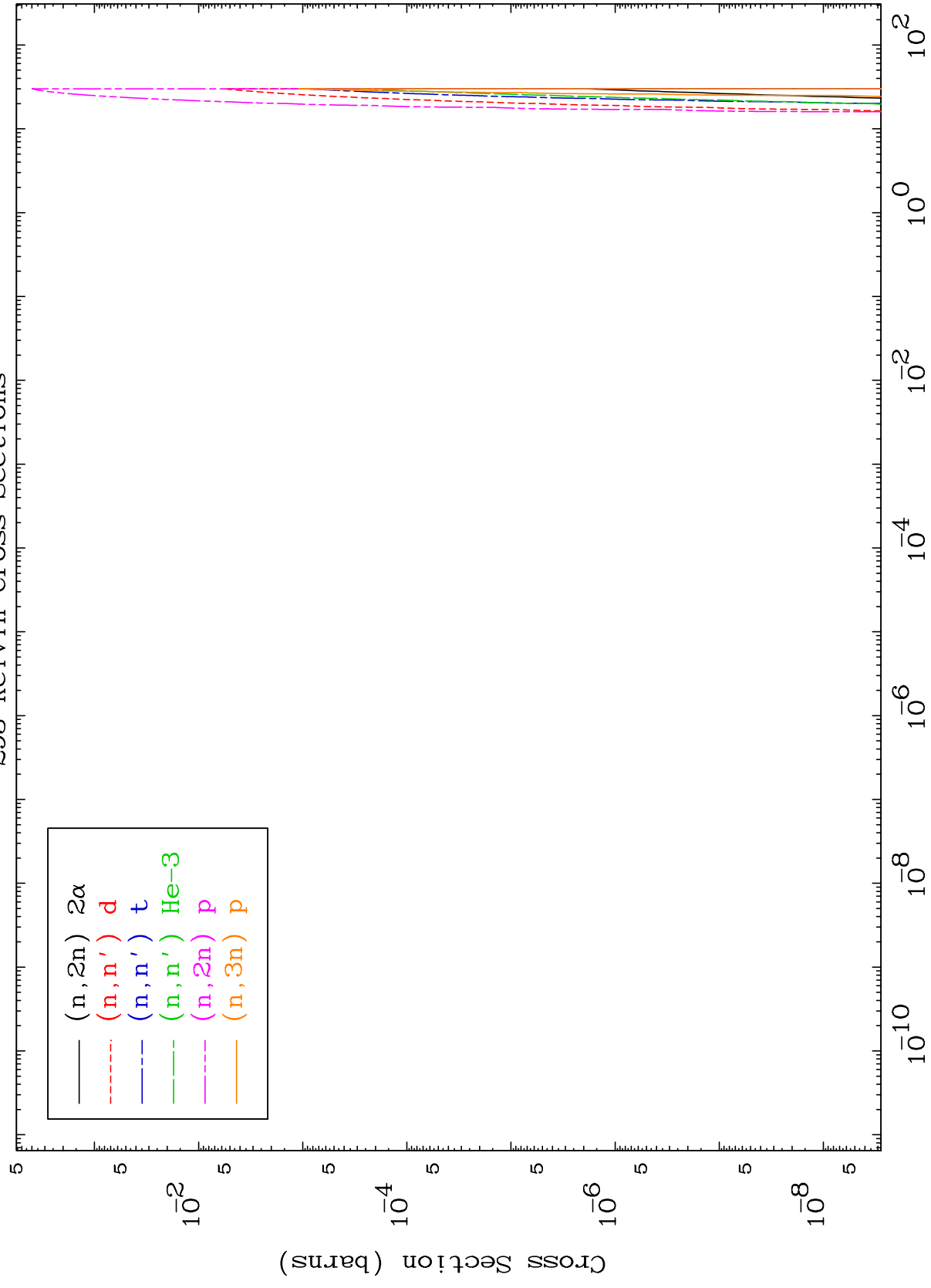
Incident Energy (MeV)

80-Hg-184

MAT 7989

Neutron Production  
293 Kelvin Cross Sections

80-Hg-184

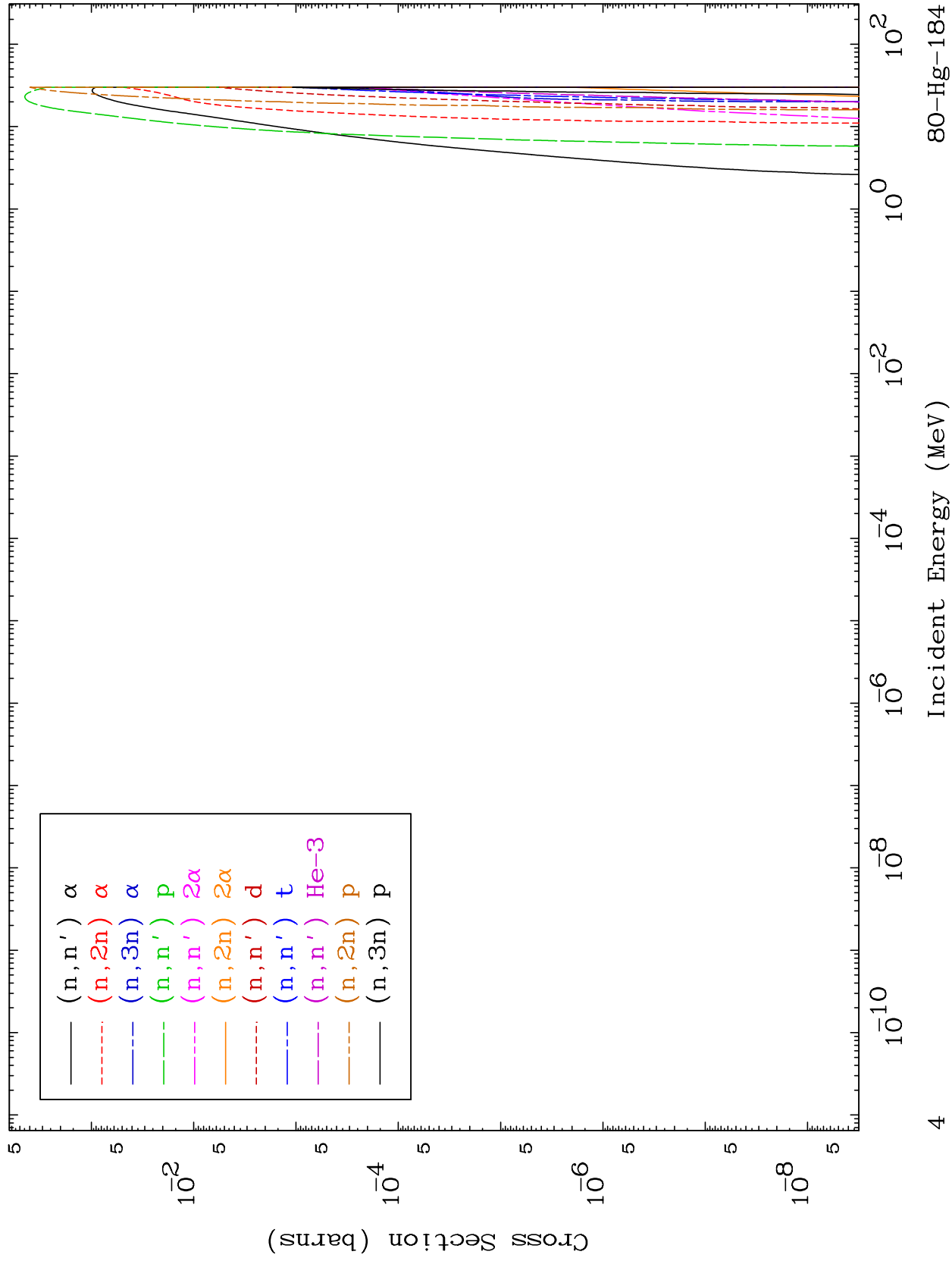


80-Hg-184

MAT 7989

Charged Particle  
293 Kelvin Cross Sections

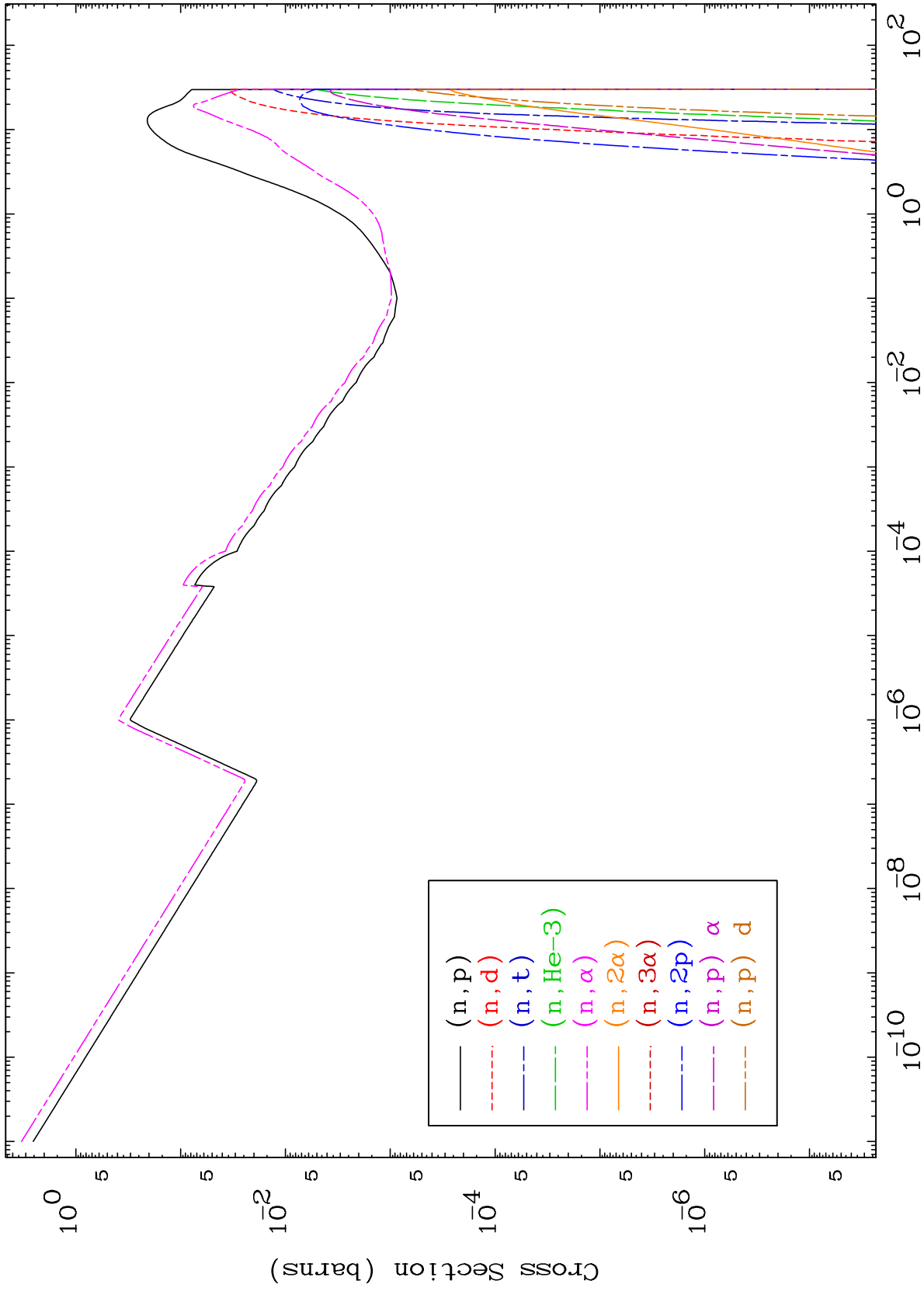
80-Hg-184



MAT 7989

293 Kelvin Cross Sections

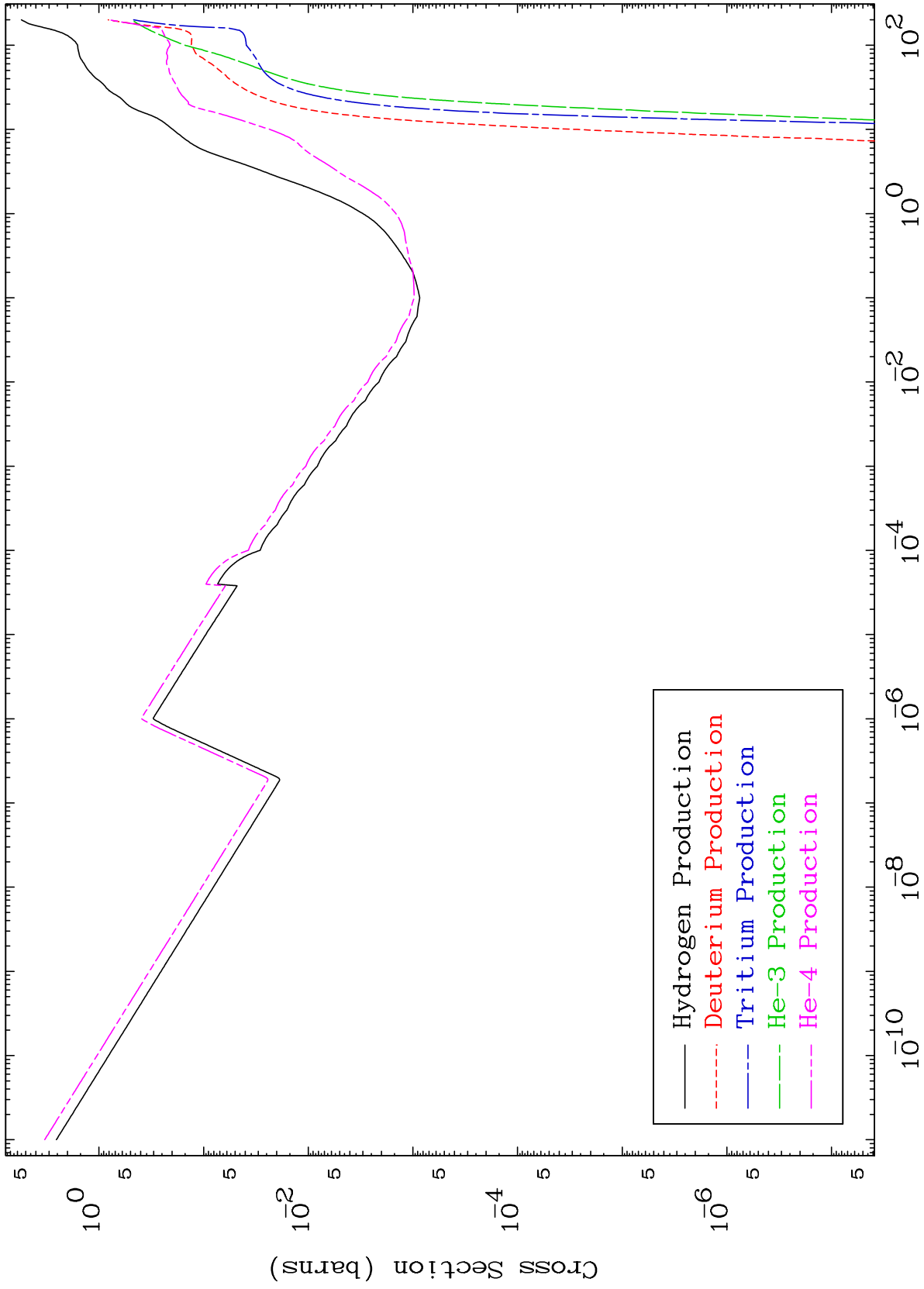
80-Hg-184



MAT 7989

Particle Production  
293 Kelvin Cross Sections

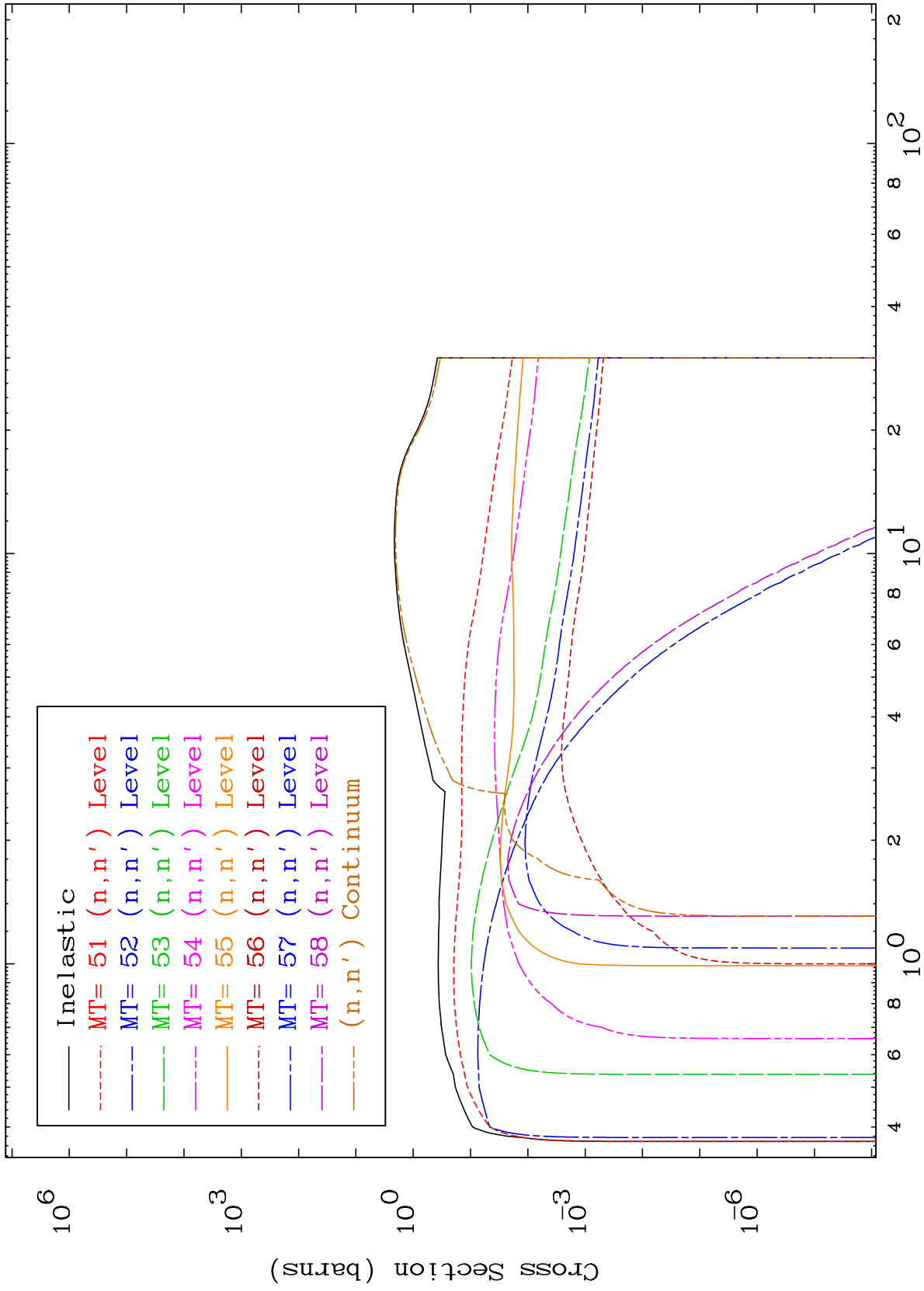
80-Hg-184



MAT 7989

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-184



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Incident Energy (MeV)

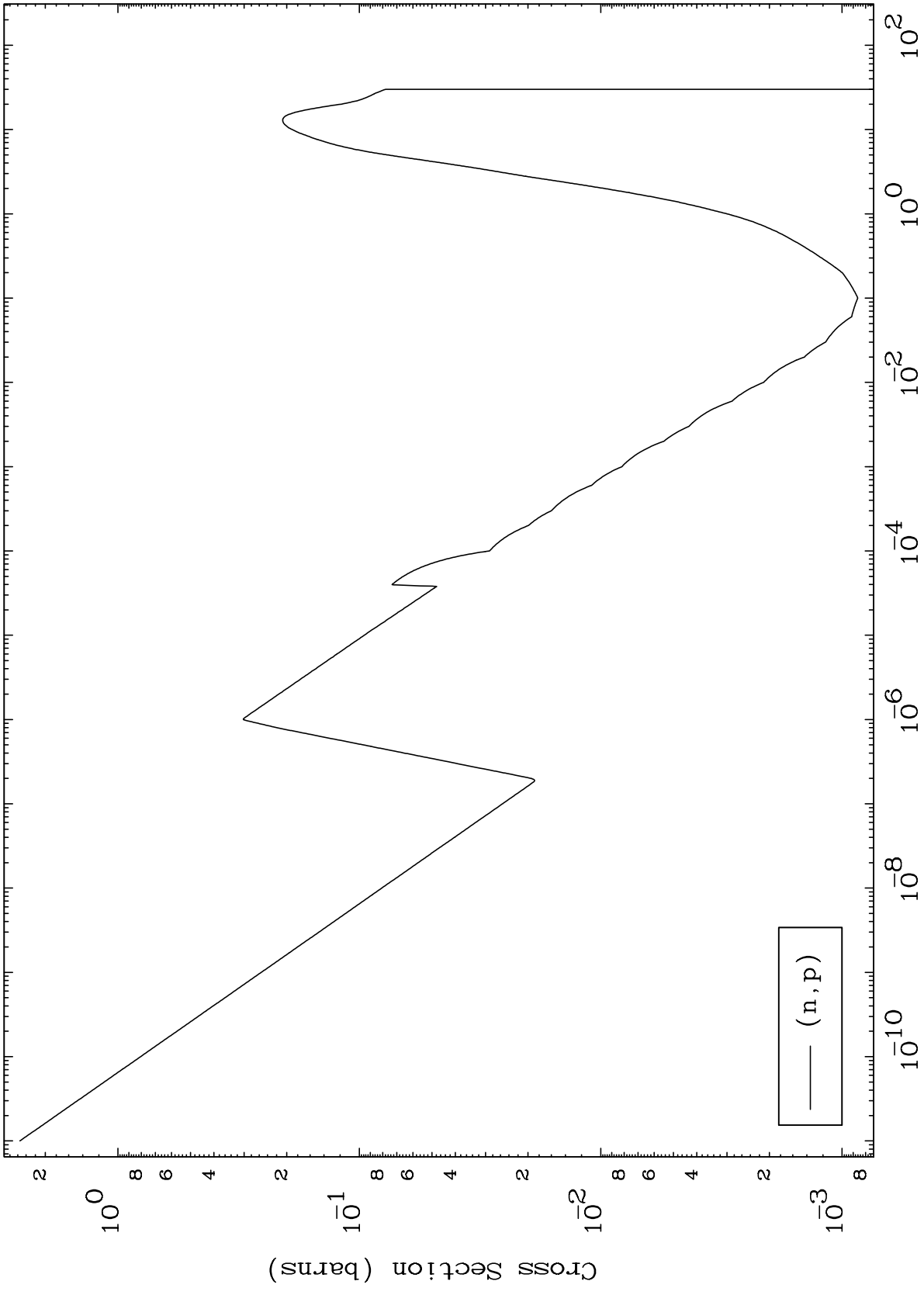
80-Hg-184



MAT 7989

(n,p) Levels  
293 Kelvin Cross Sections

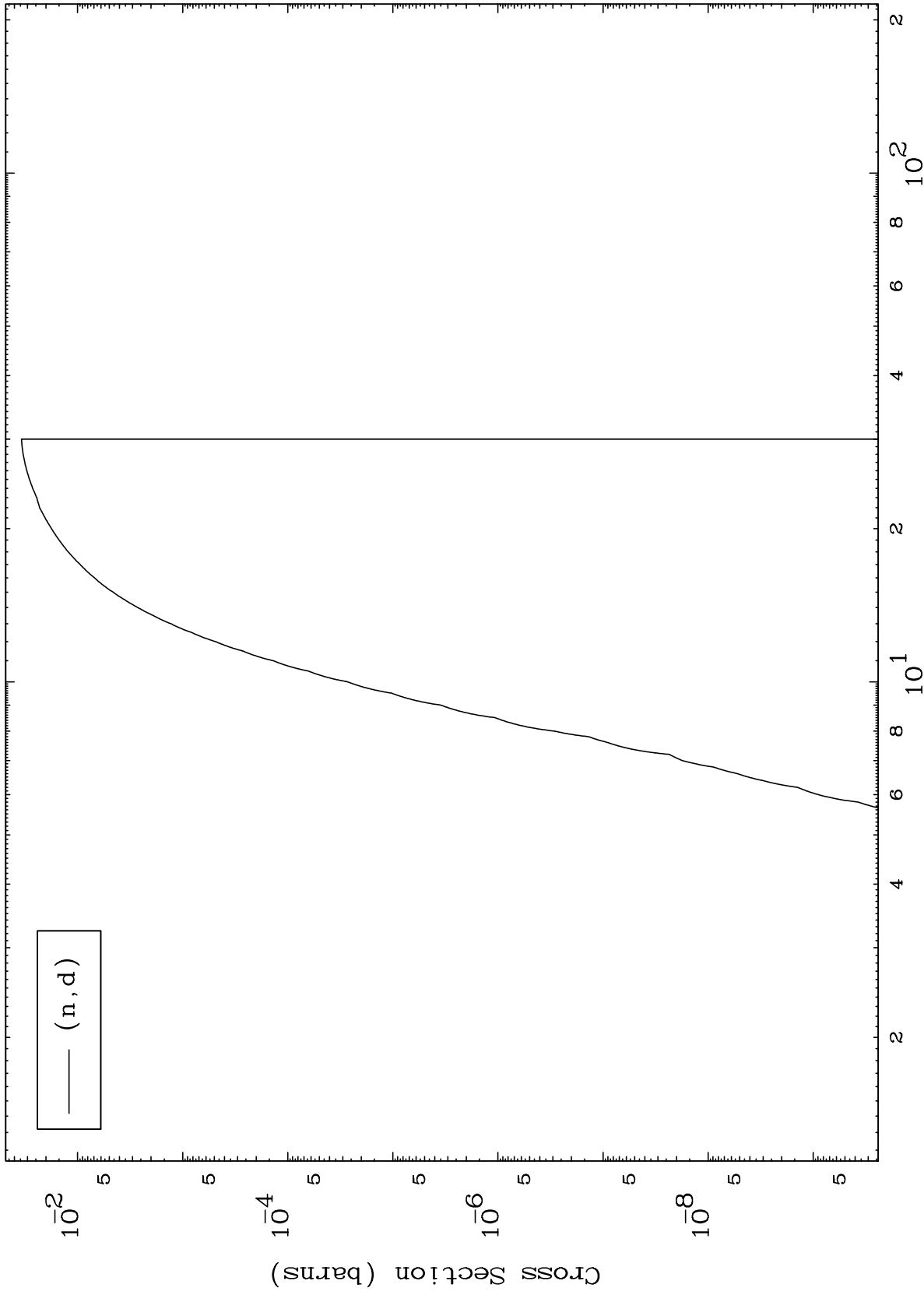
80-Hg-184



MAT 7989

(n,d) Levels  
293 Kelvin Cross Sections

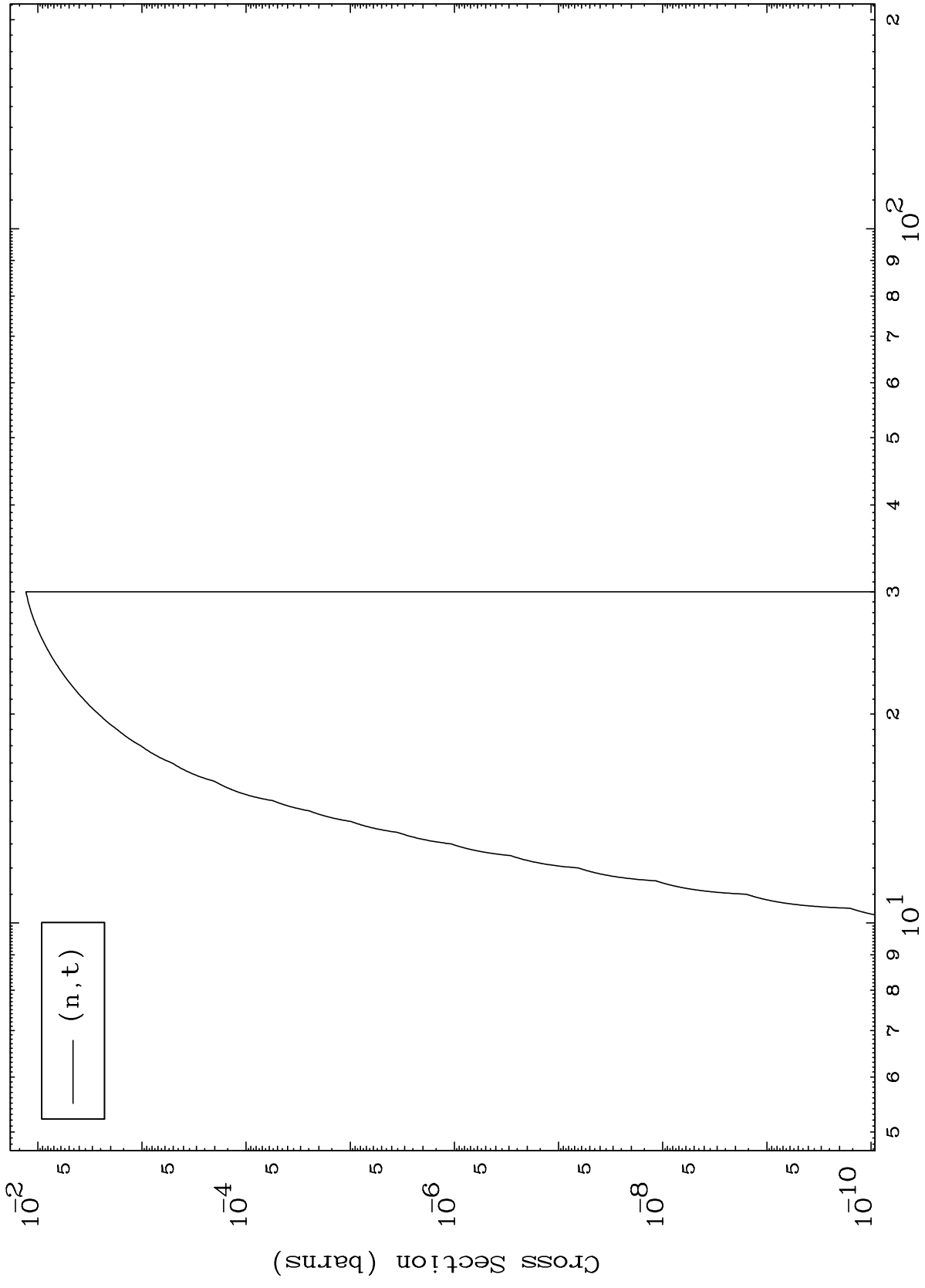
80-Hg-184



MAT 7989

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-184



10

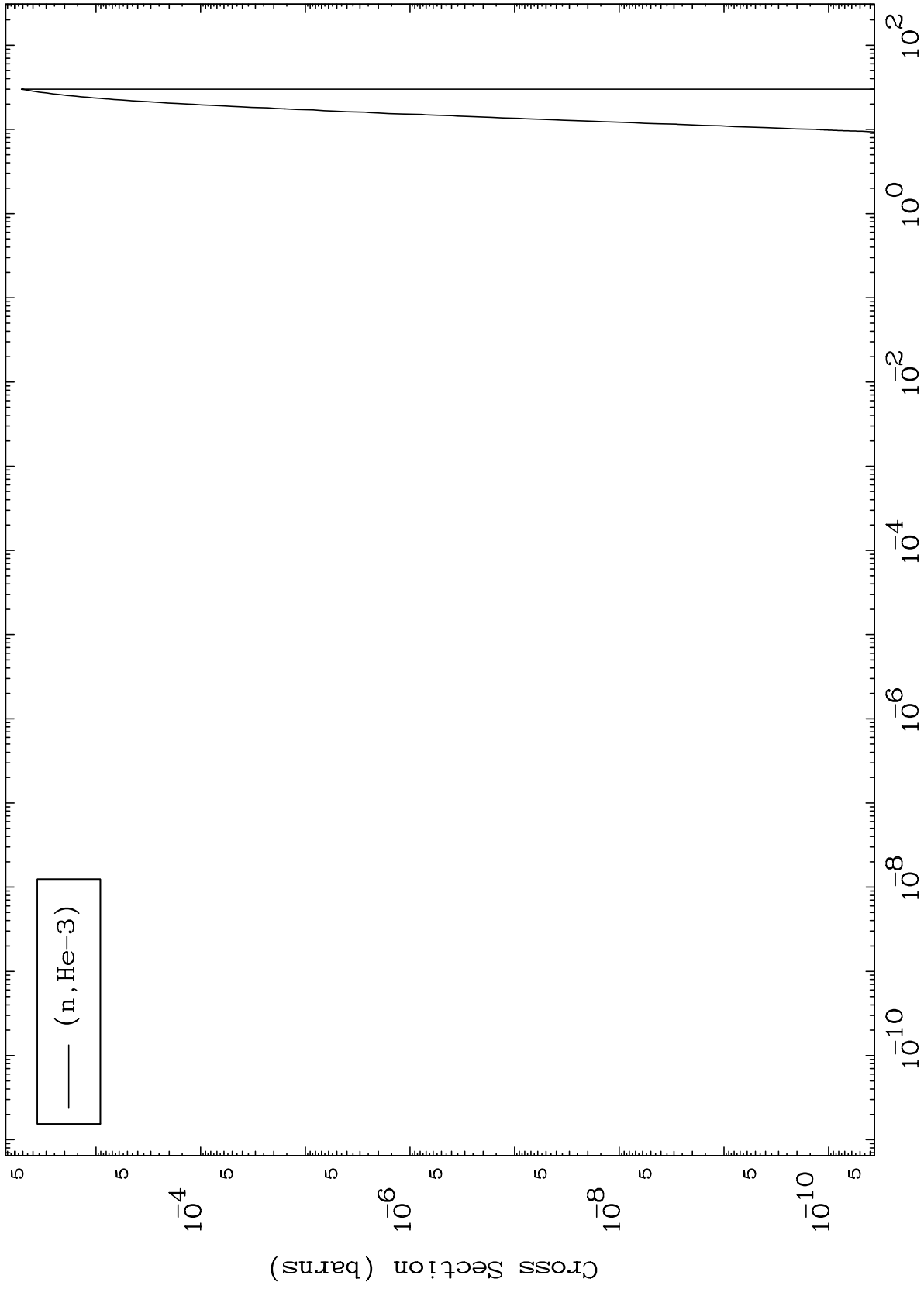
Incident Energy (MeV)

80-Hg-184

MAT 7989

(n,He3) Levels  
293 Kelvin Cross Sections

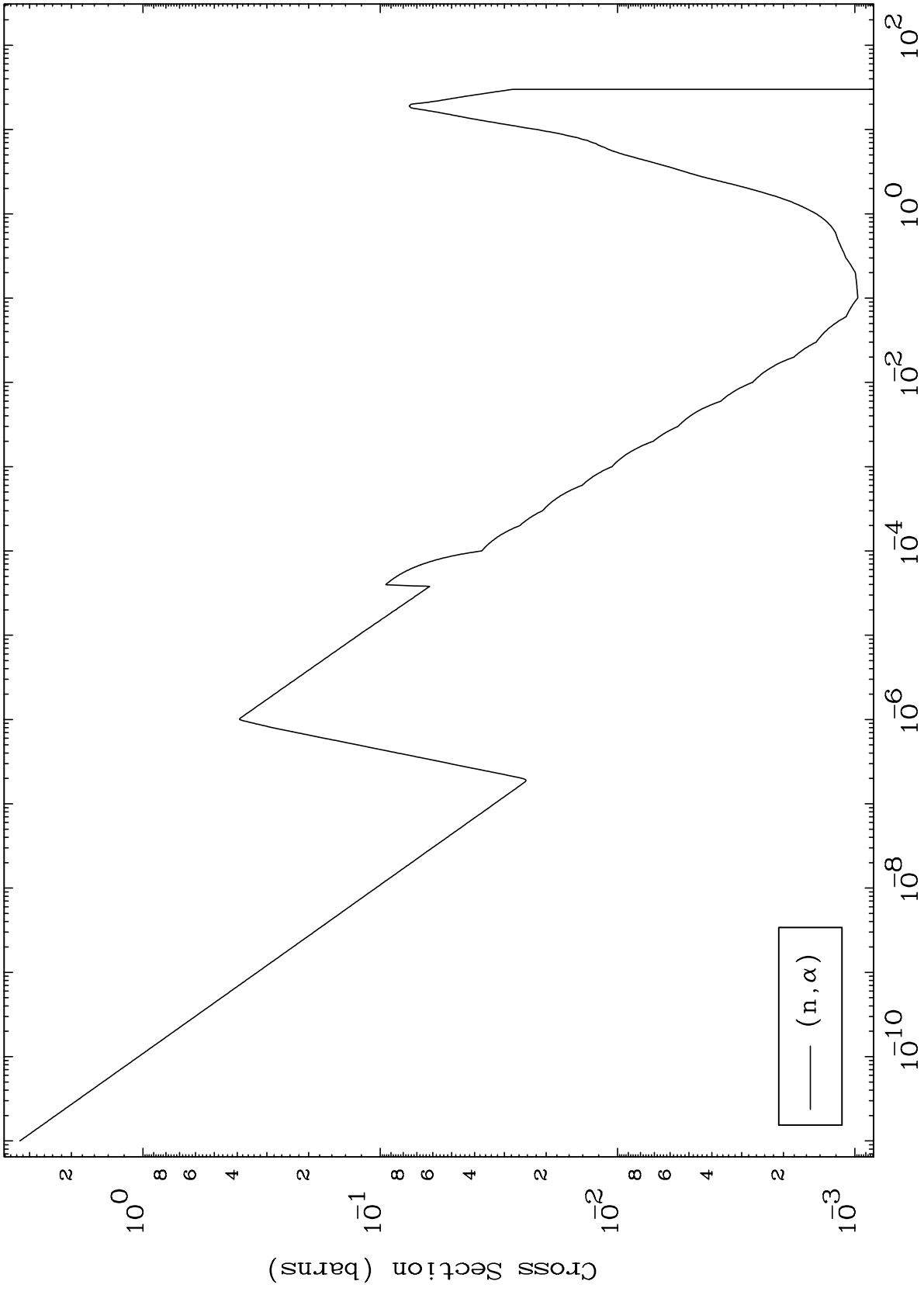
80-Hg-184

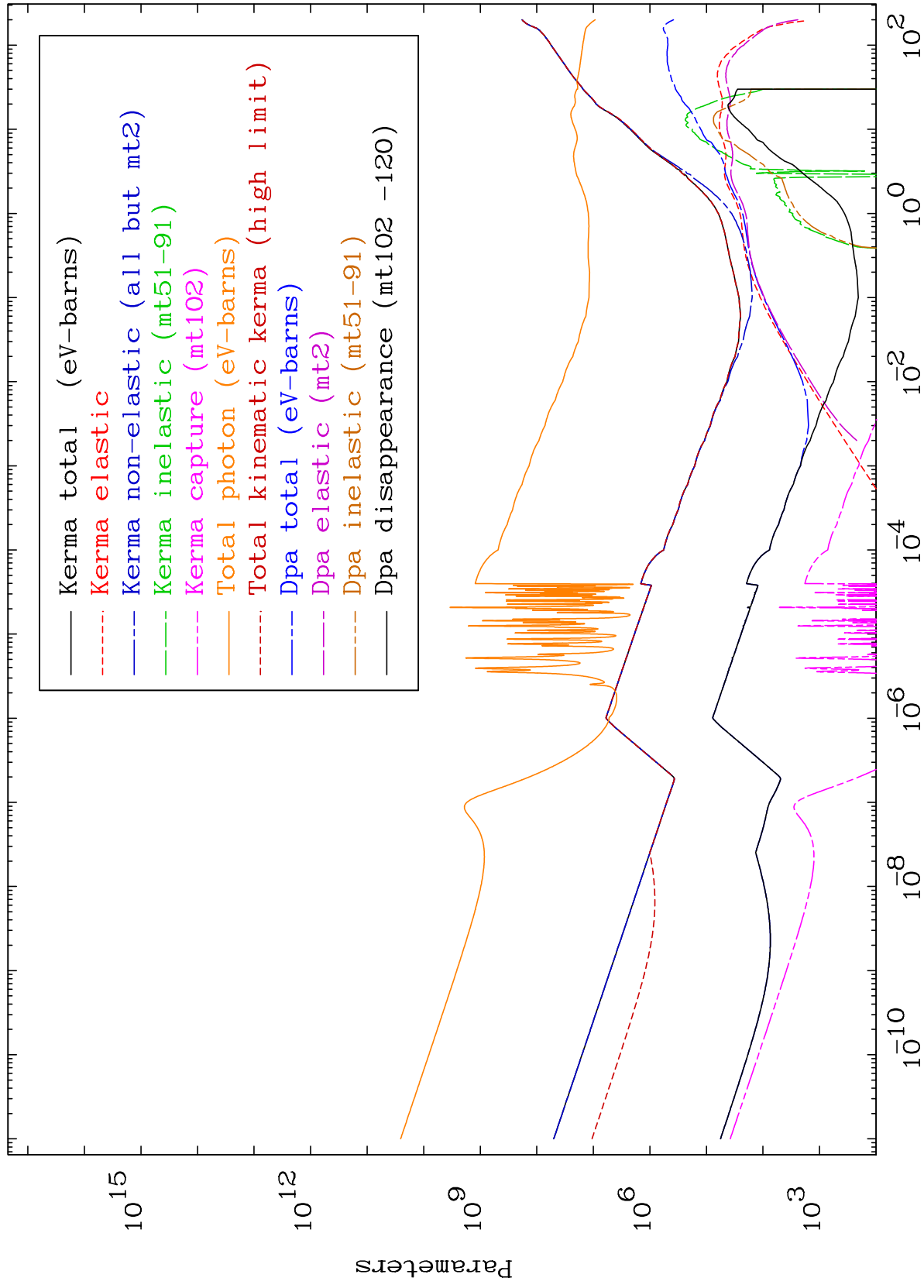


MAT 7989

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-184

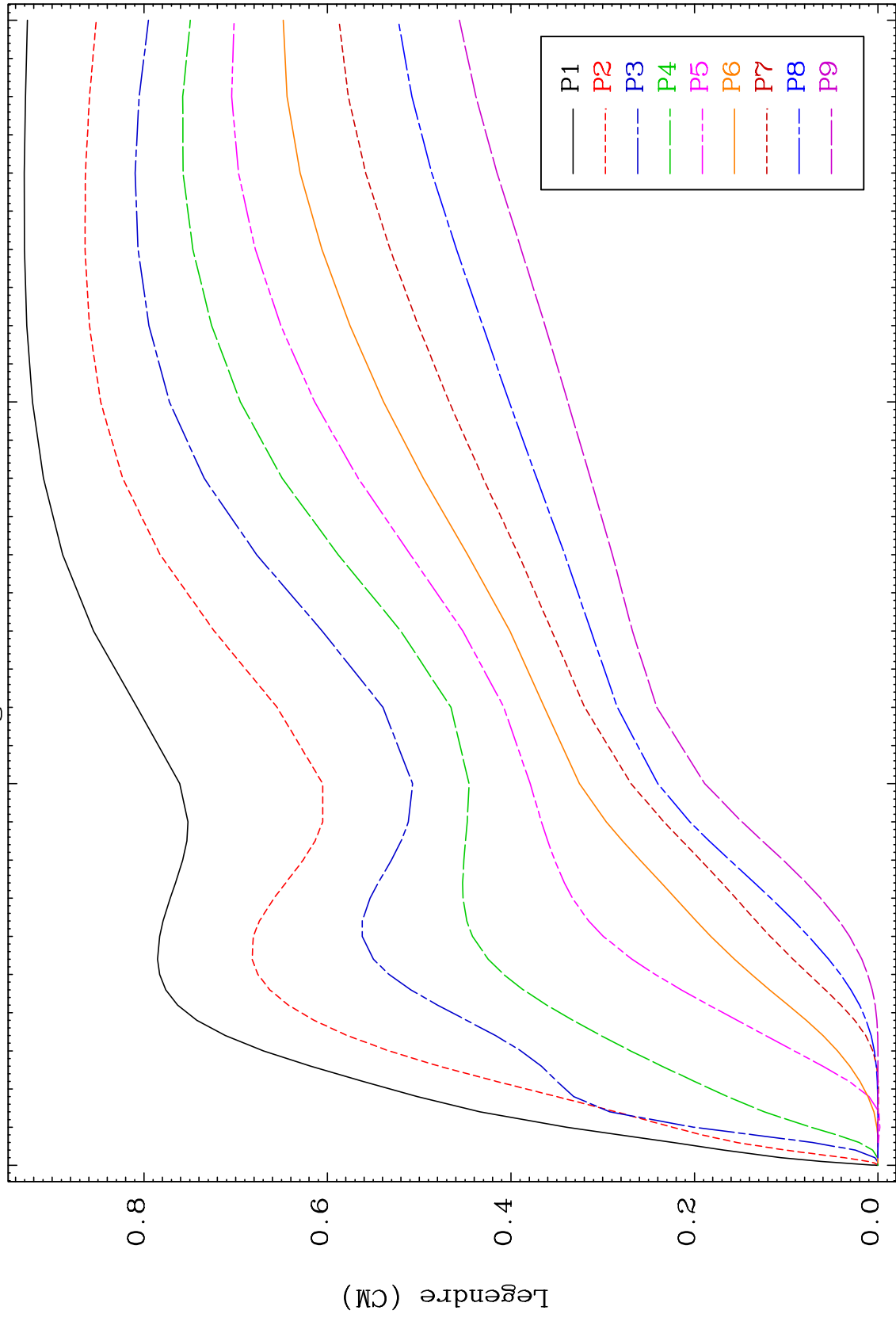




MAT 7989

Elastic Legendre Coefficients

80-Hg-184



14

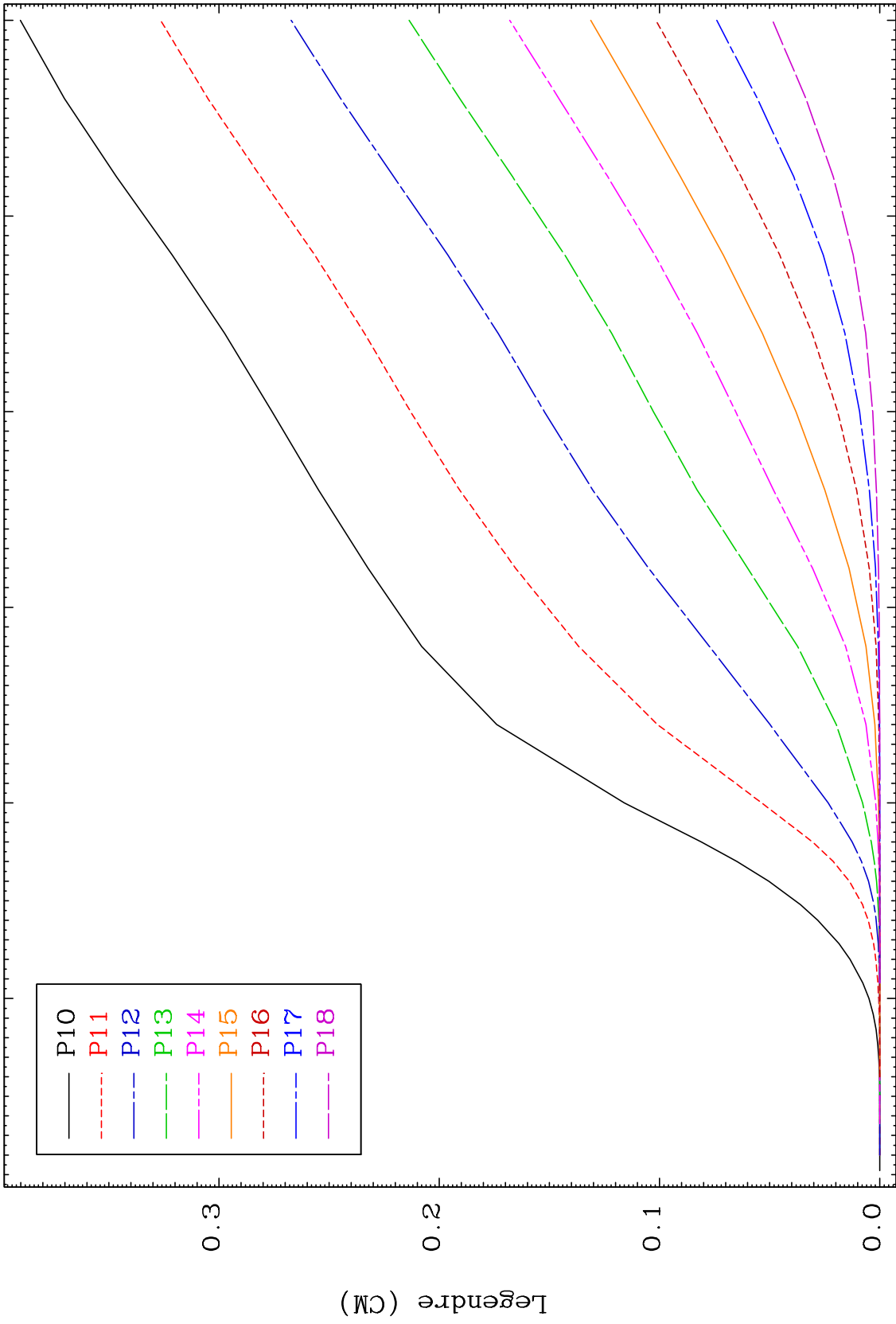
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic Legendre Coefficients

80-Hg-184



15

Incident Energy (MeV)

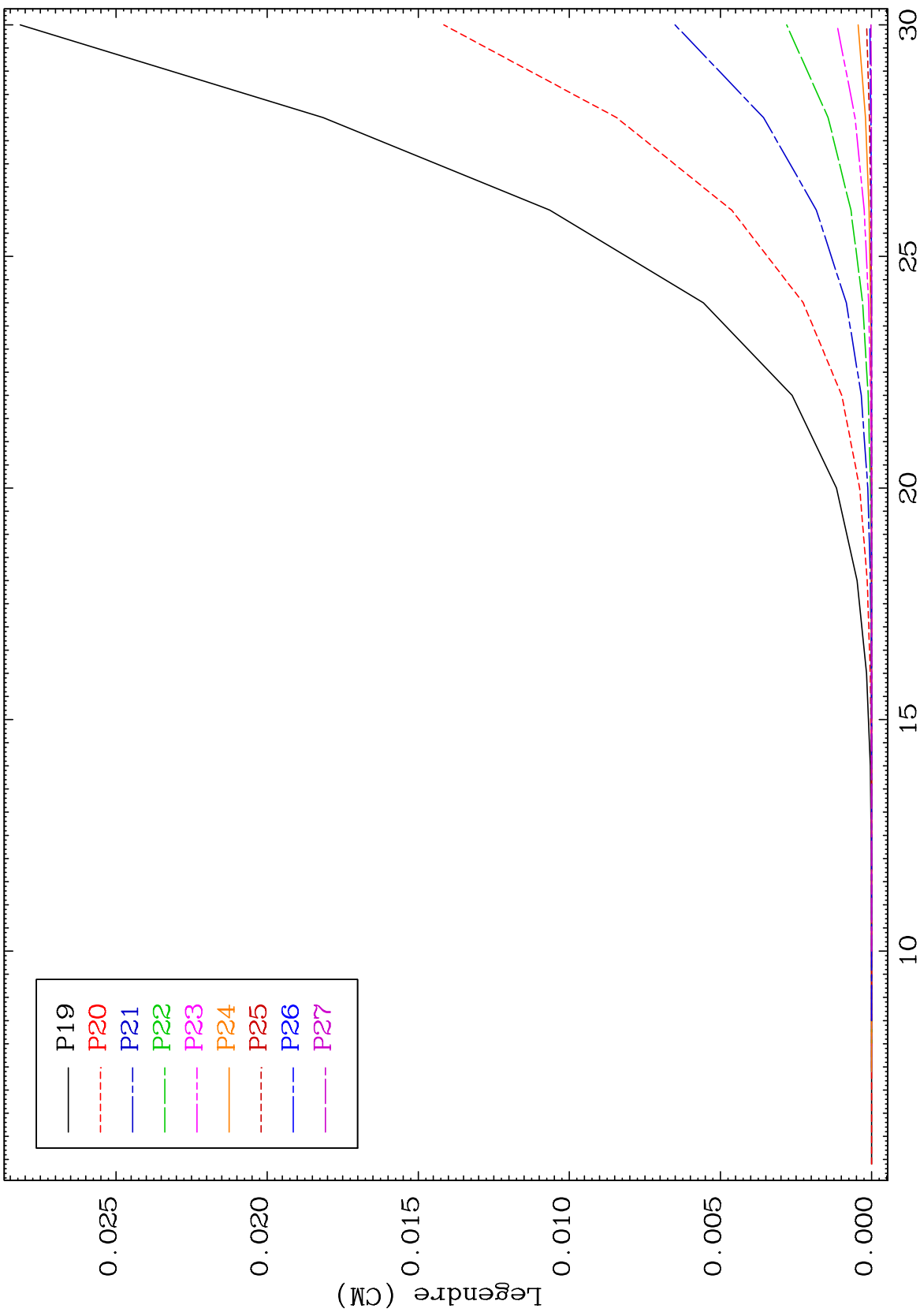
80-Hg-184



MAT 7989

Elastic Legendre Coefficients

80-Hg-184



16

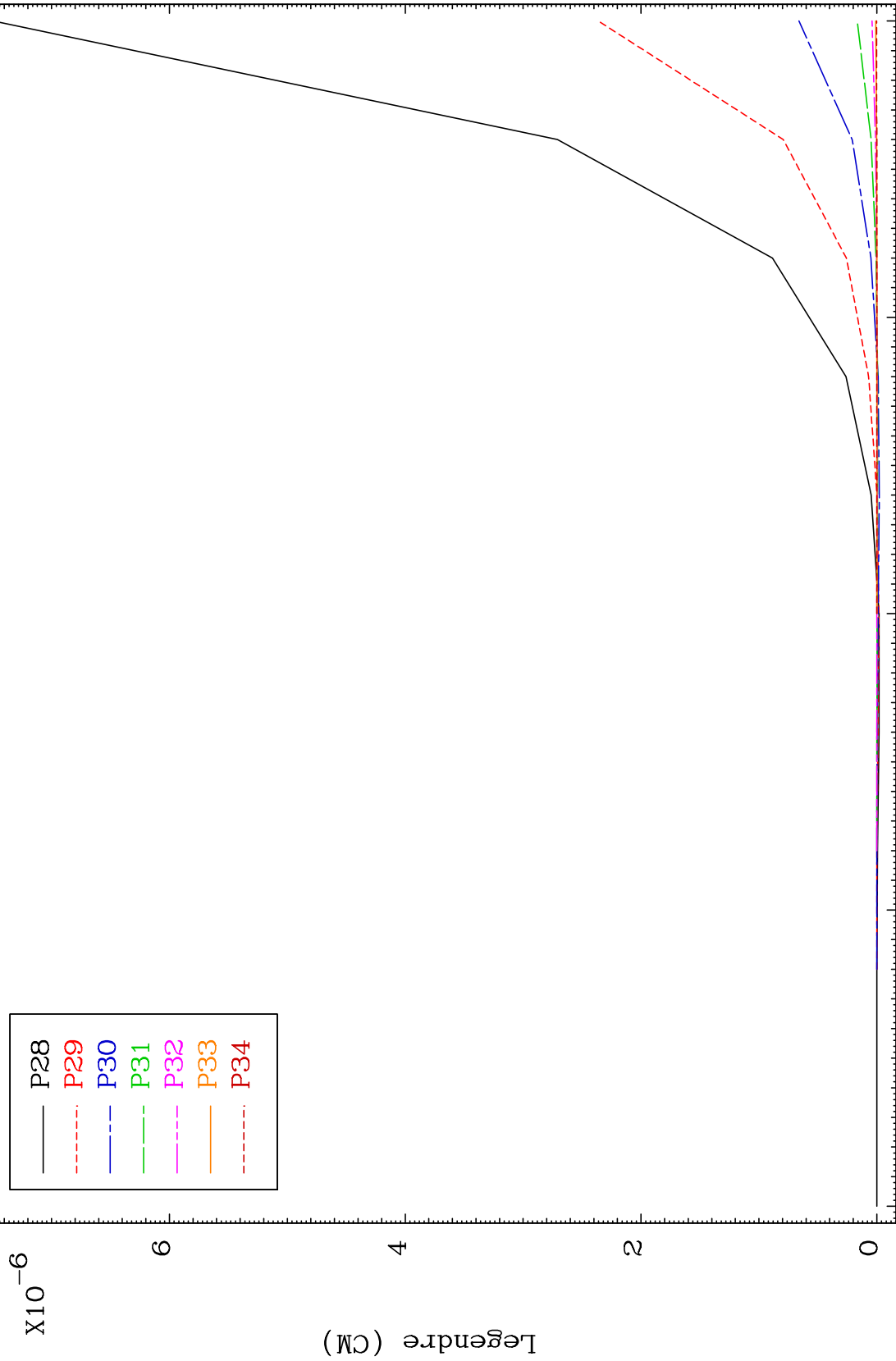
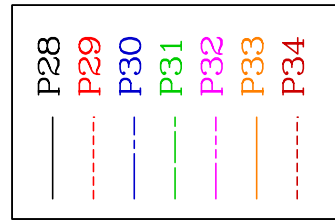
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic Legendre Coefficients

80-Hg-184



17

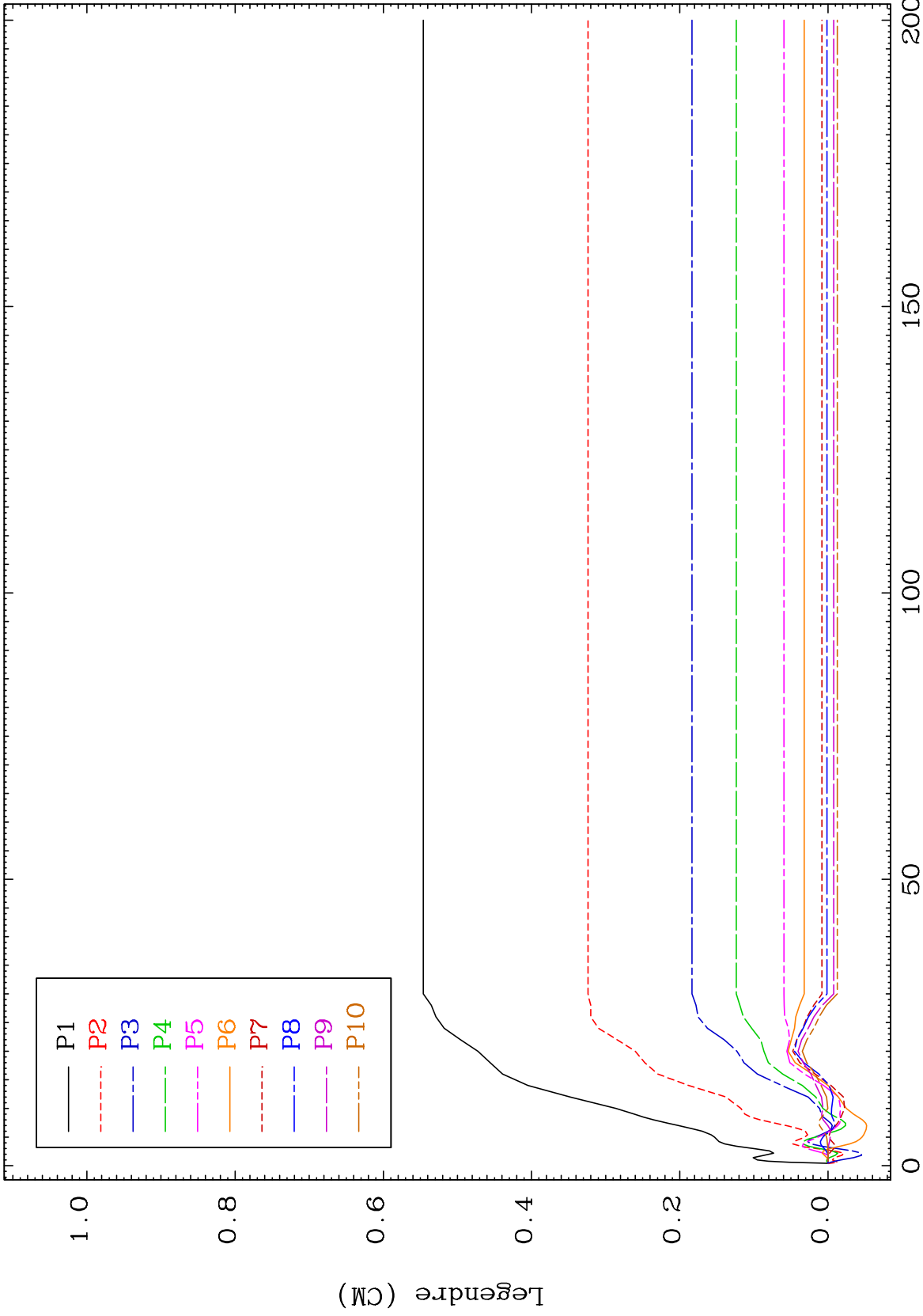
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



18

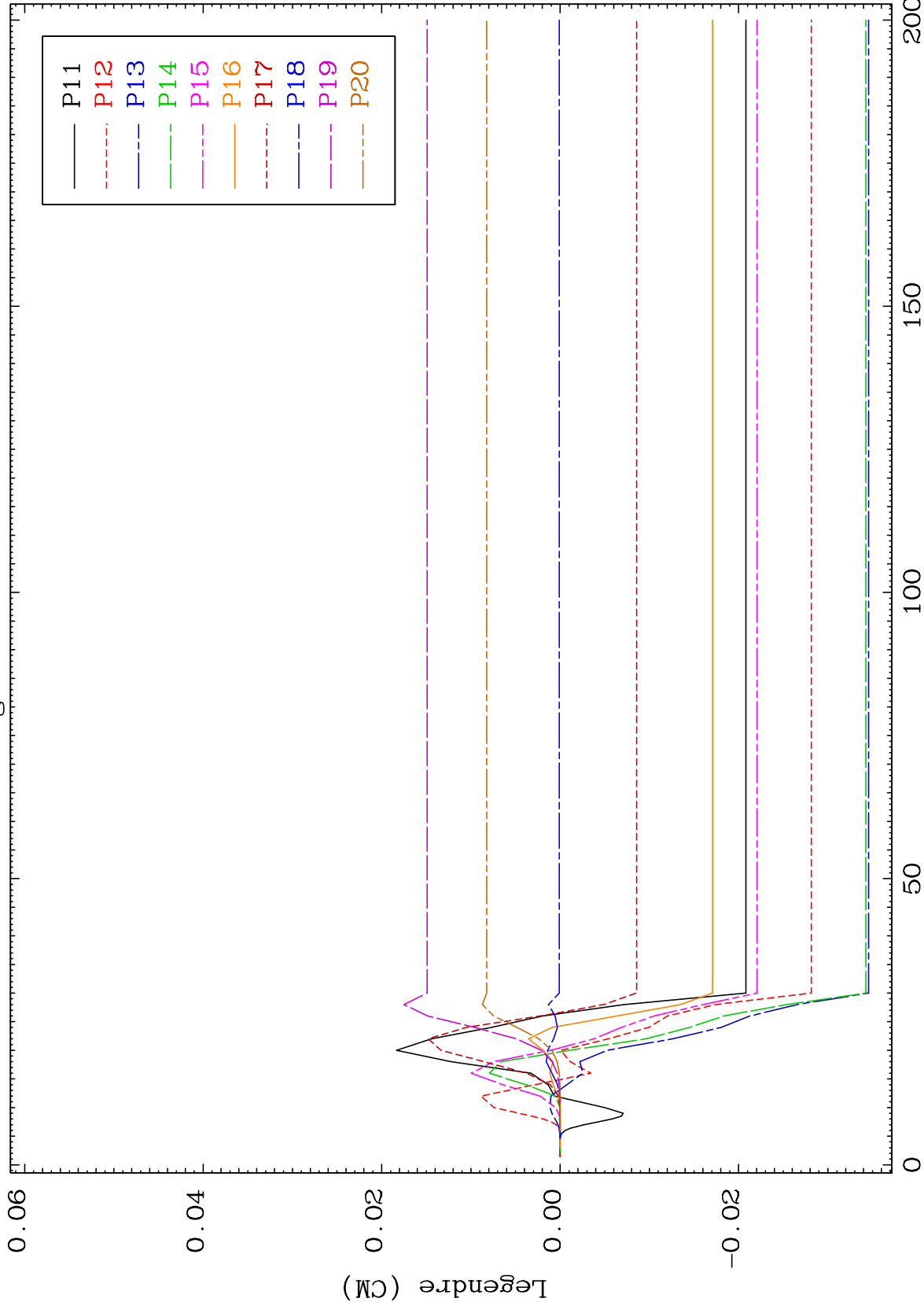
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



19

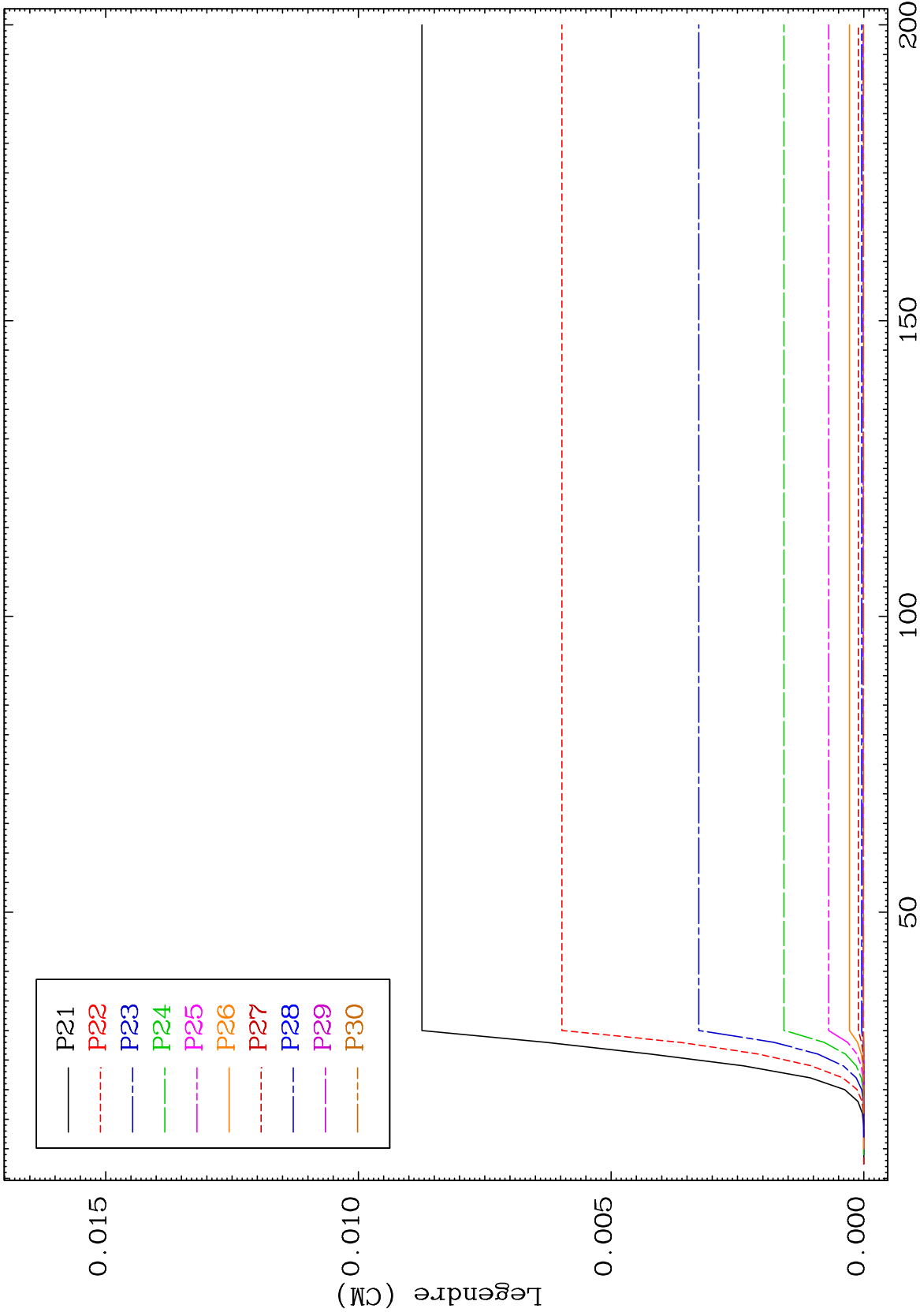
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



20

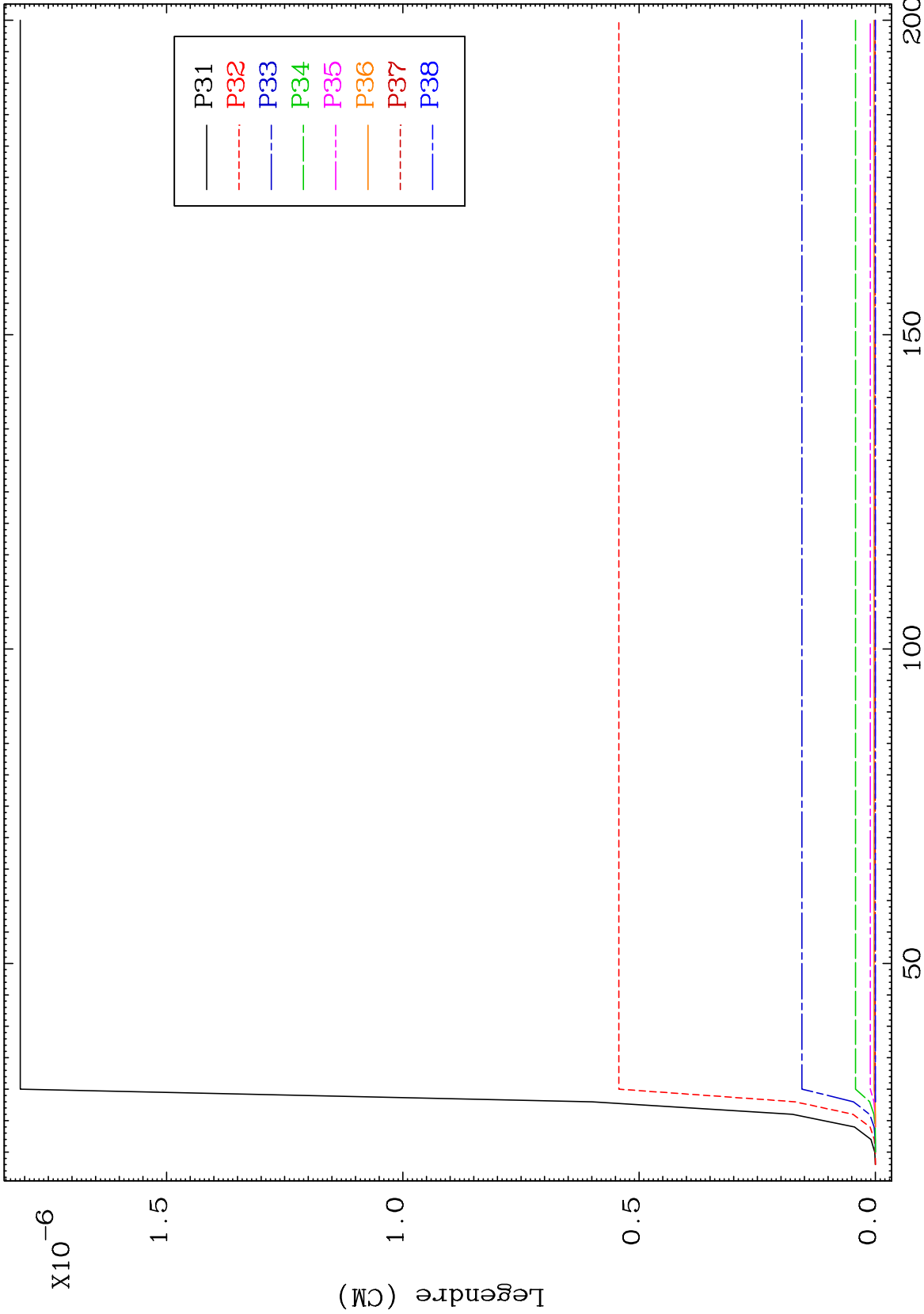
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184

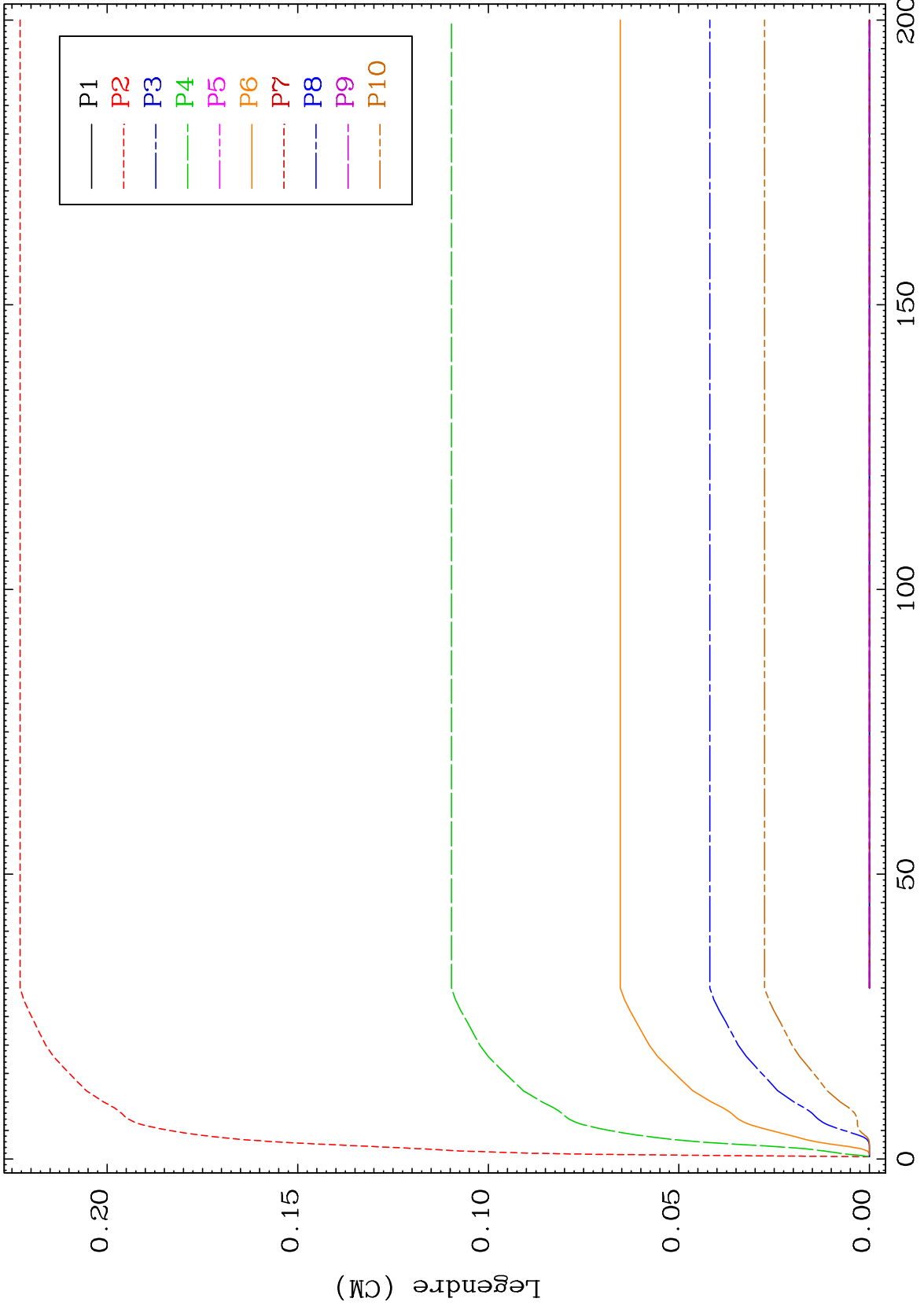


21

Incident Energy (MeV)

80-Hg-184

MAT 7989 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-184

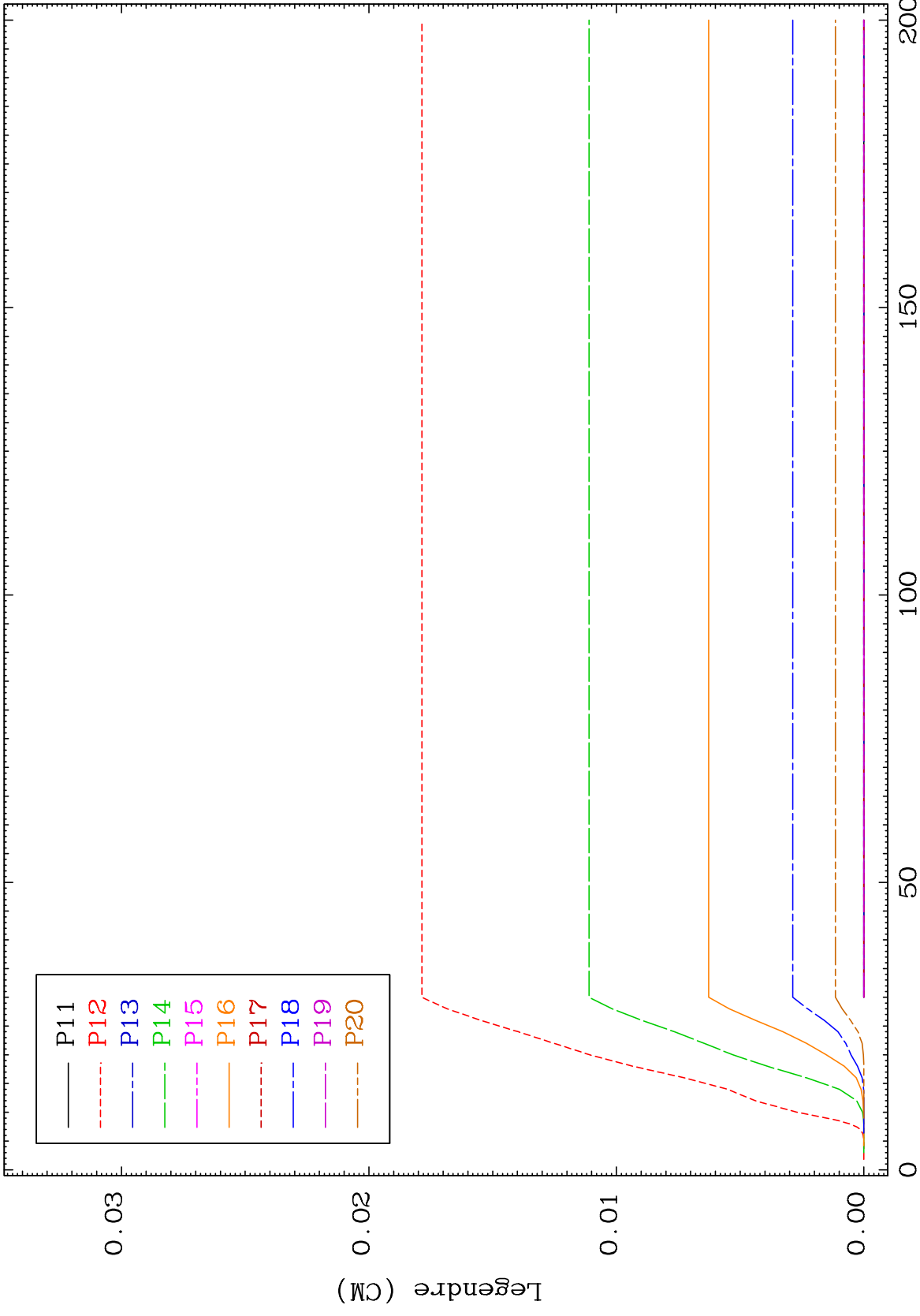


80-Hg-184 Incident Energy (MeV) 22

MAT 7989

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

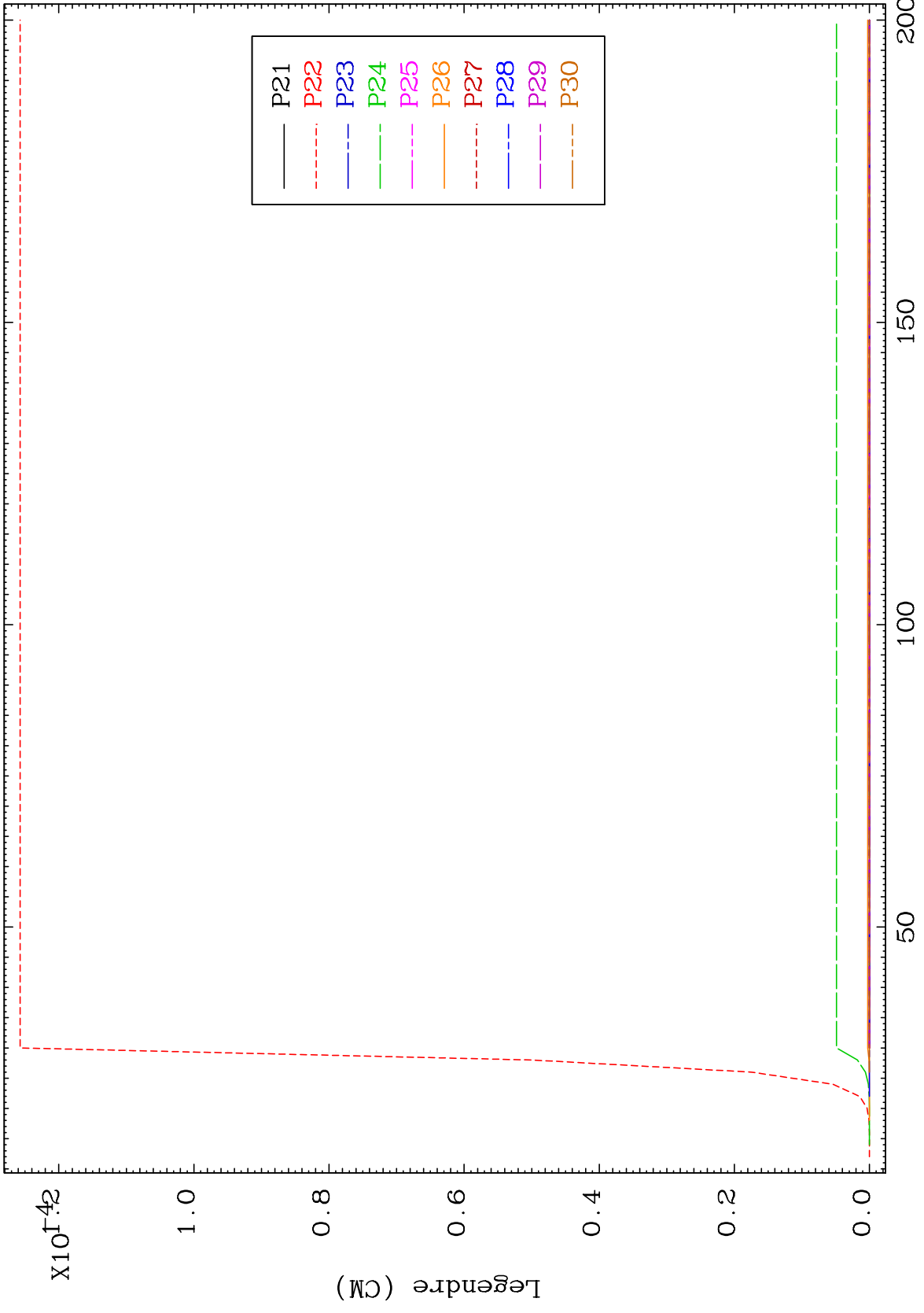
80-Hg-184



23



MAT 7989 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-184

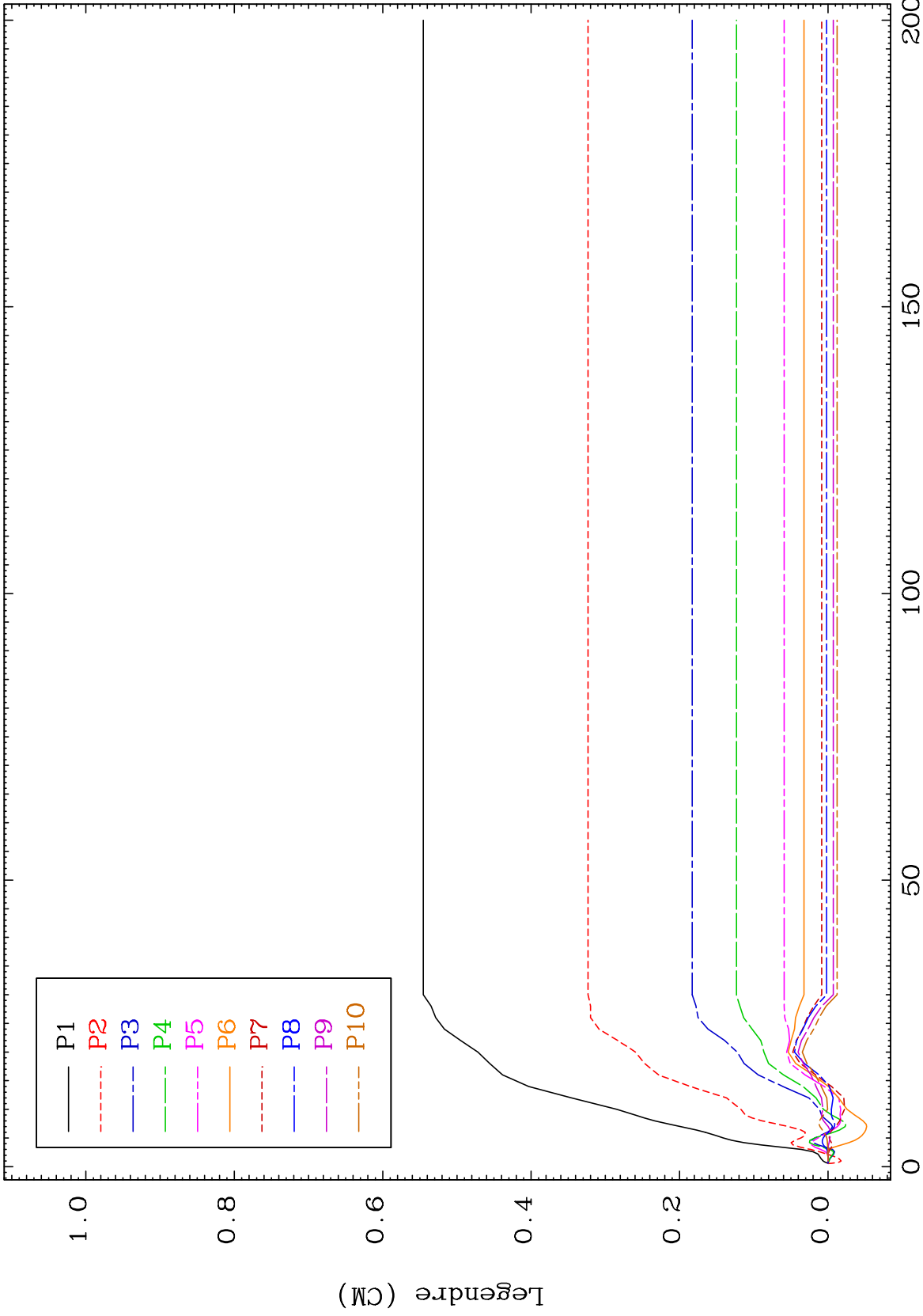


24 Incident Energy (MeV) 80-Hg-184

MAT 7989

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

80-Hg-184



25

Incident Energy (MeV)

150

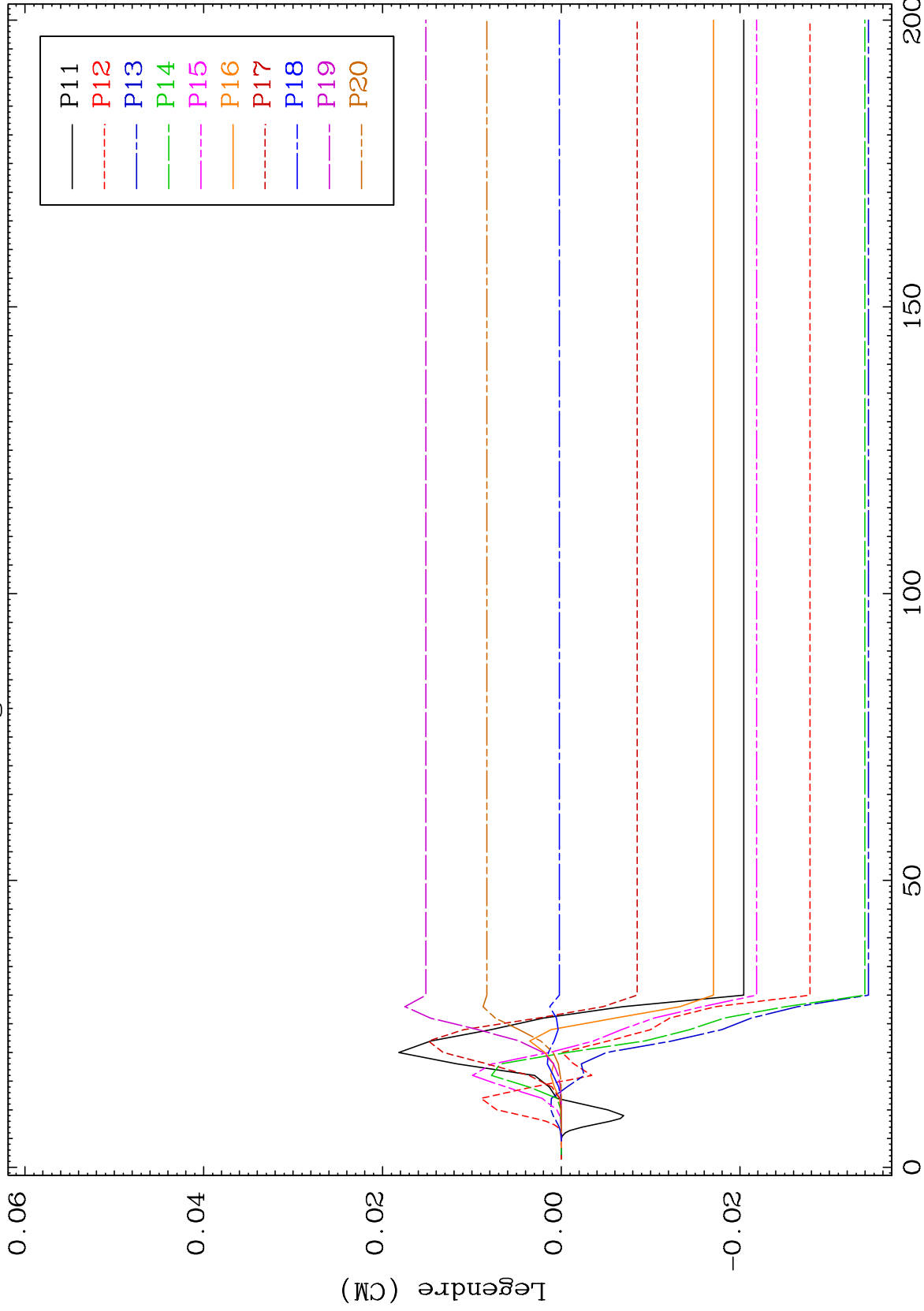
80-Hg-184

200

MAT 7989

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

80-Hg-184



26

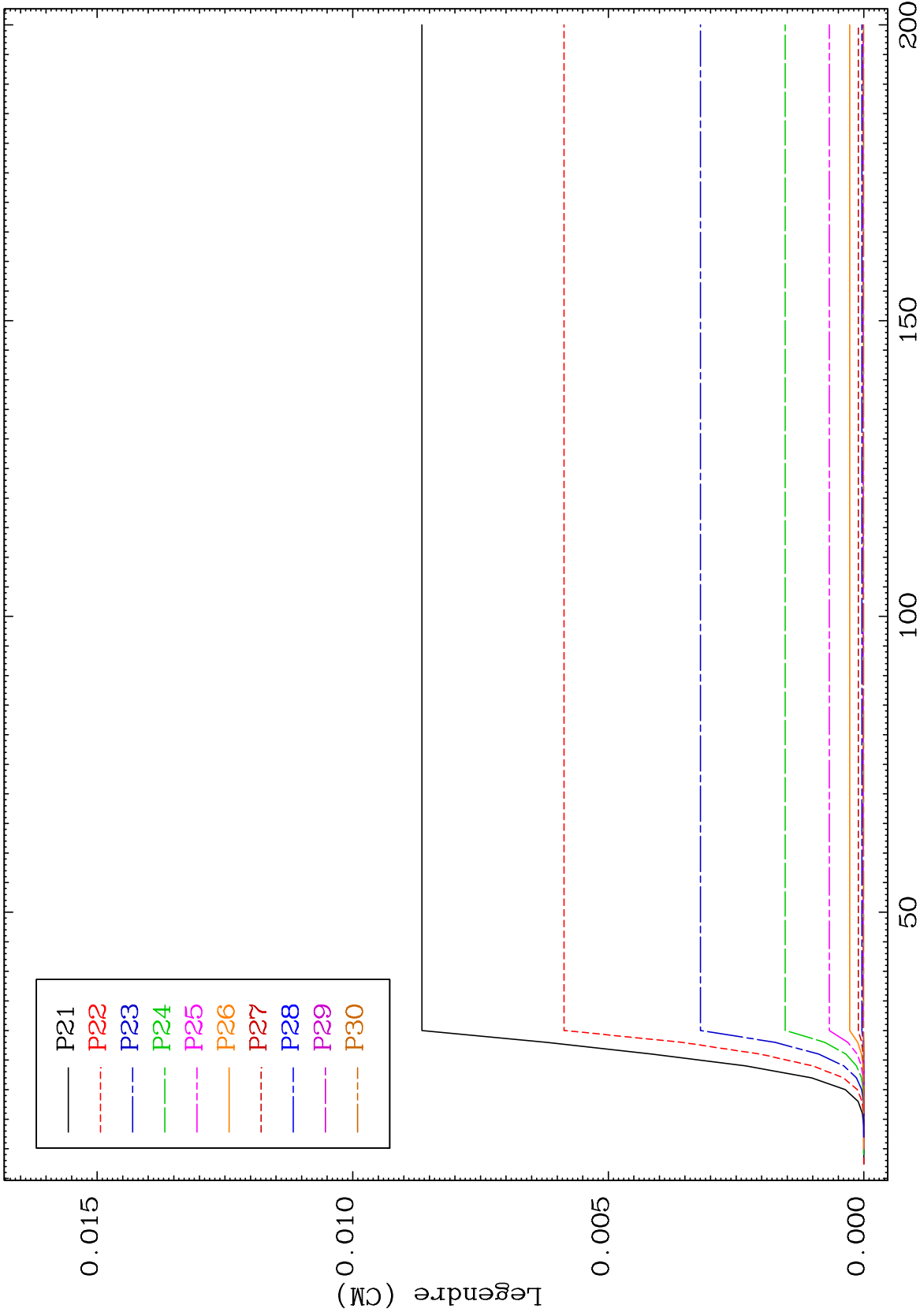
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



27

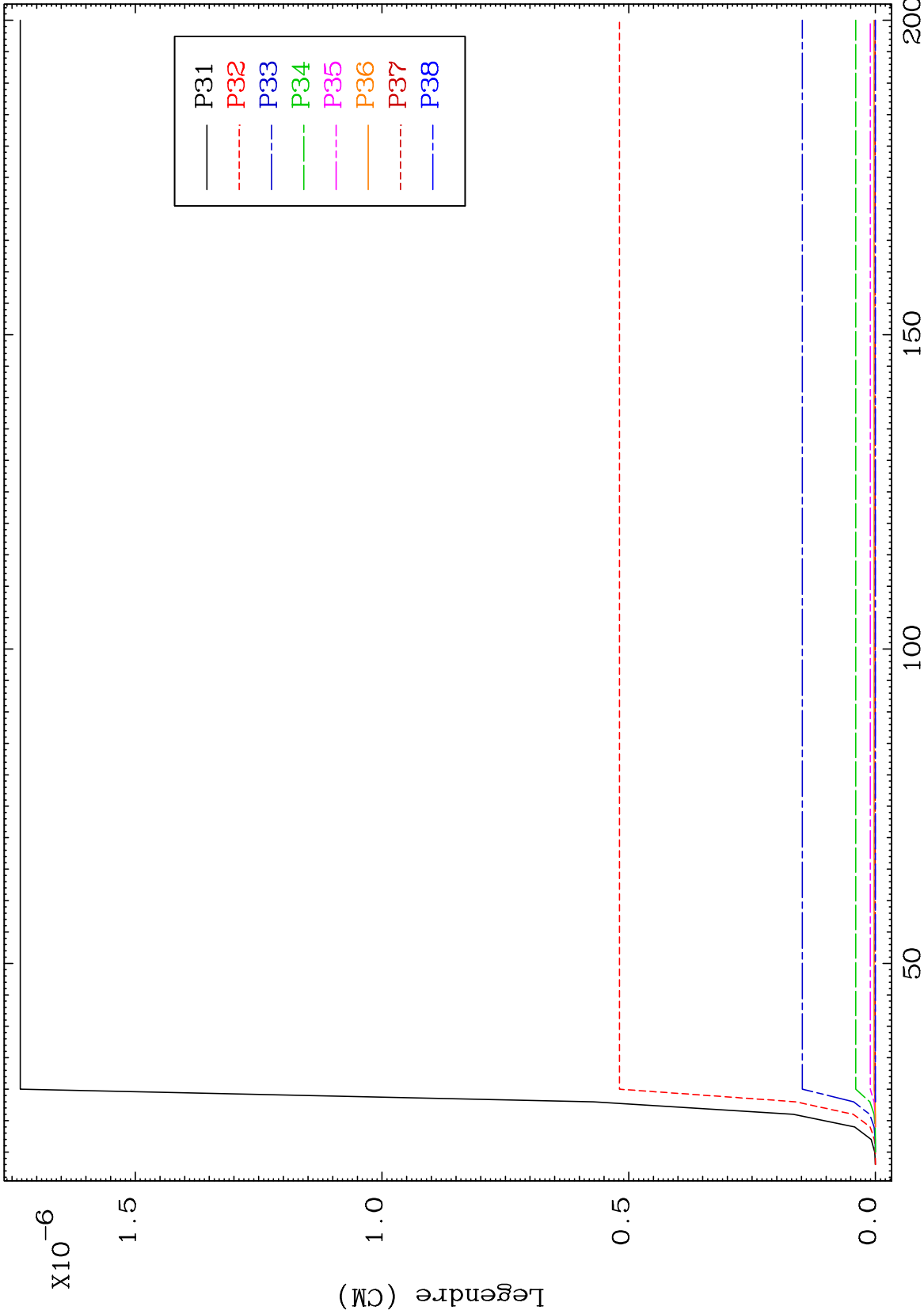
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184

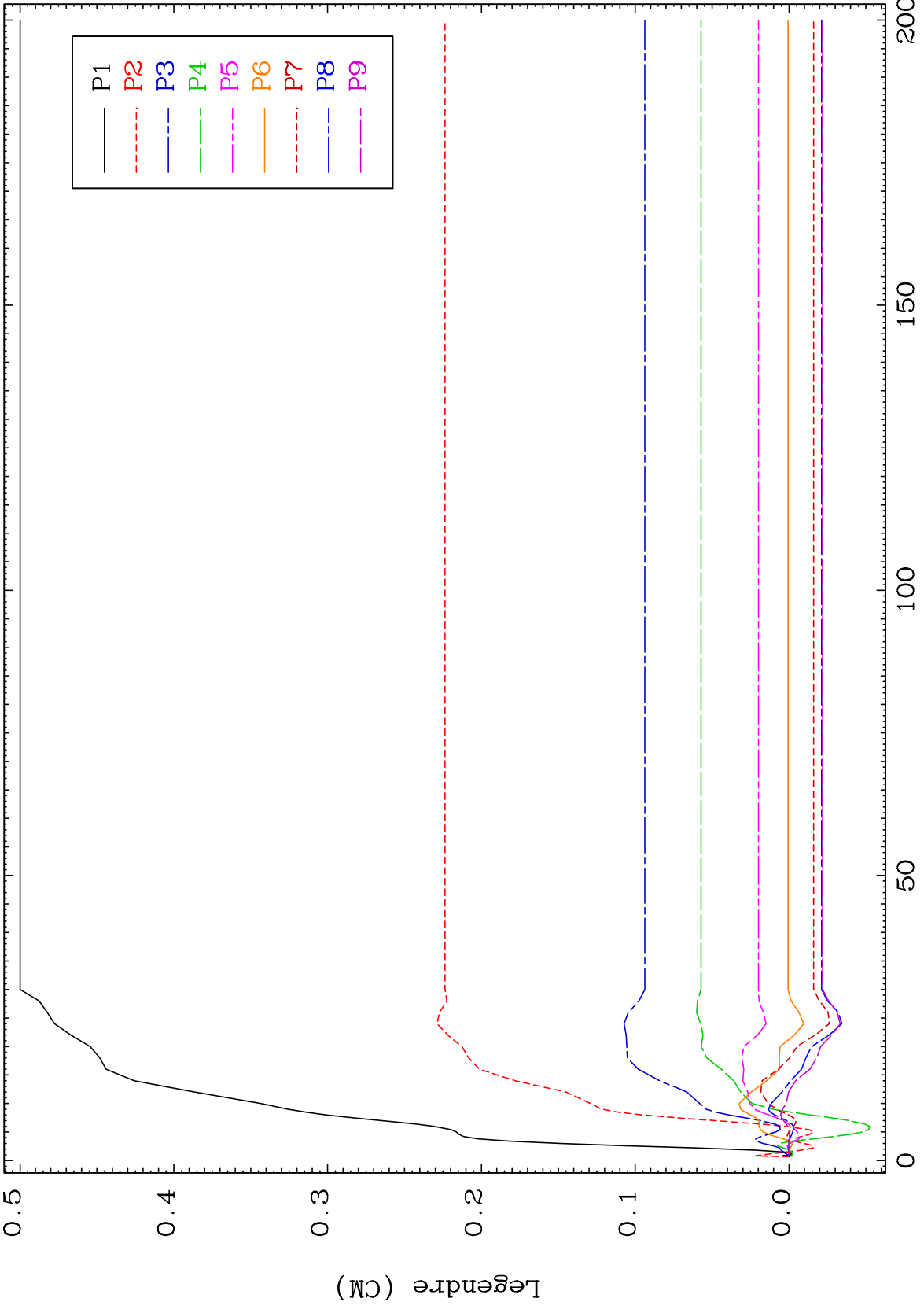


28

Incident Energy (MeV)

80-Hg-184

MAT 7989 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-184

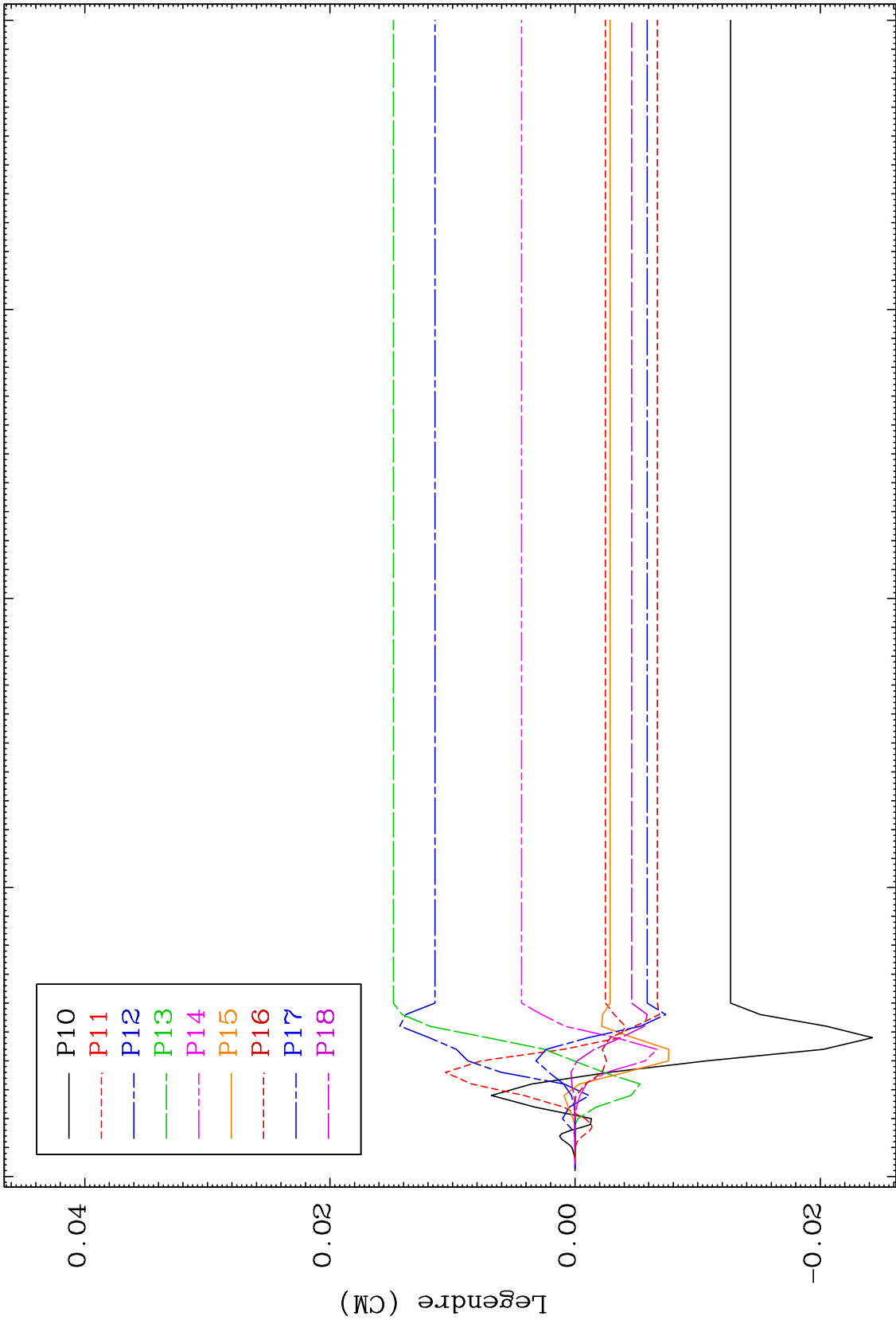


29 80-Hg-184

MAT 7989

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

80-Hg-184



0

30

50

100

150

200

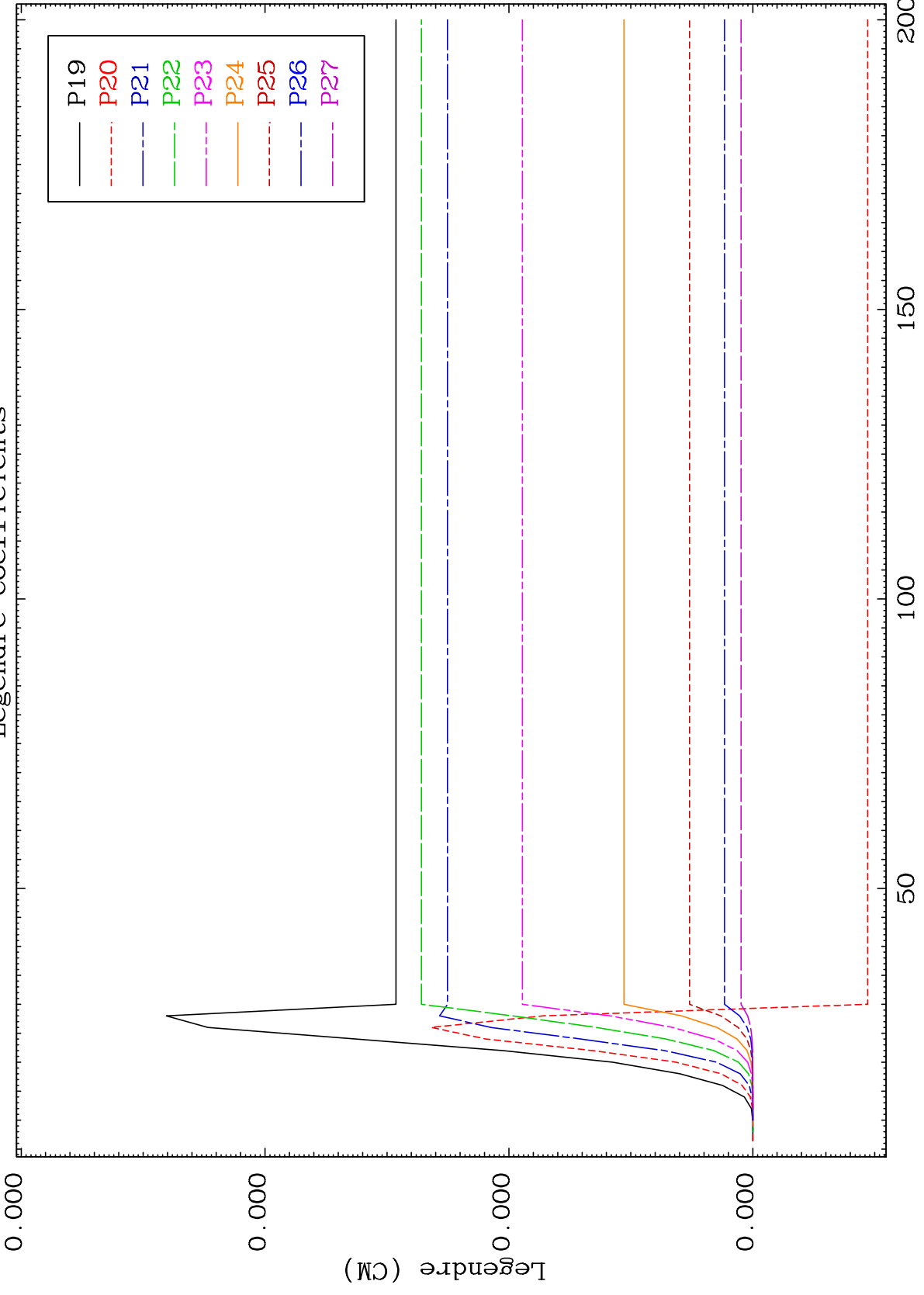
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



80-Hg-184

Incident Energy (MeV)

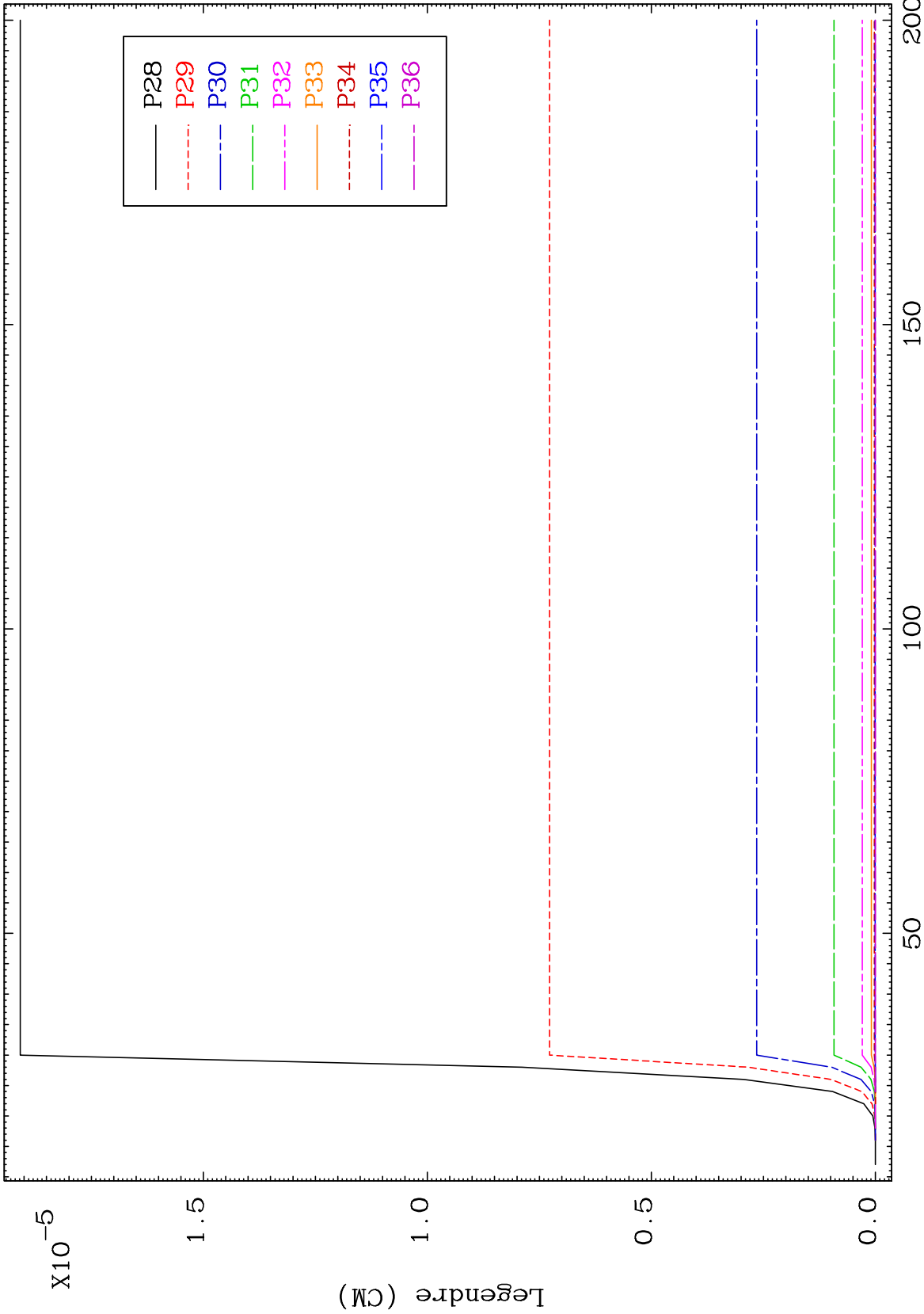
31



MAT 7989

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

80-Hg-184



32

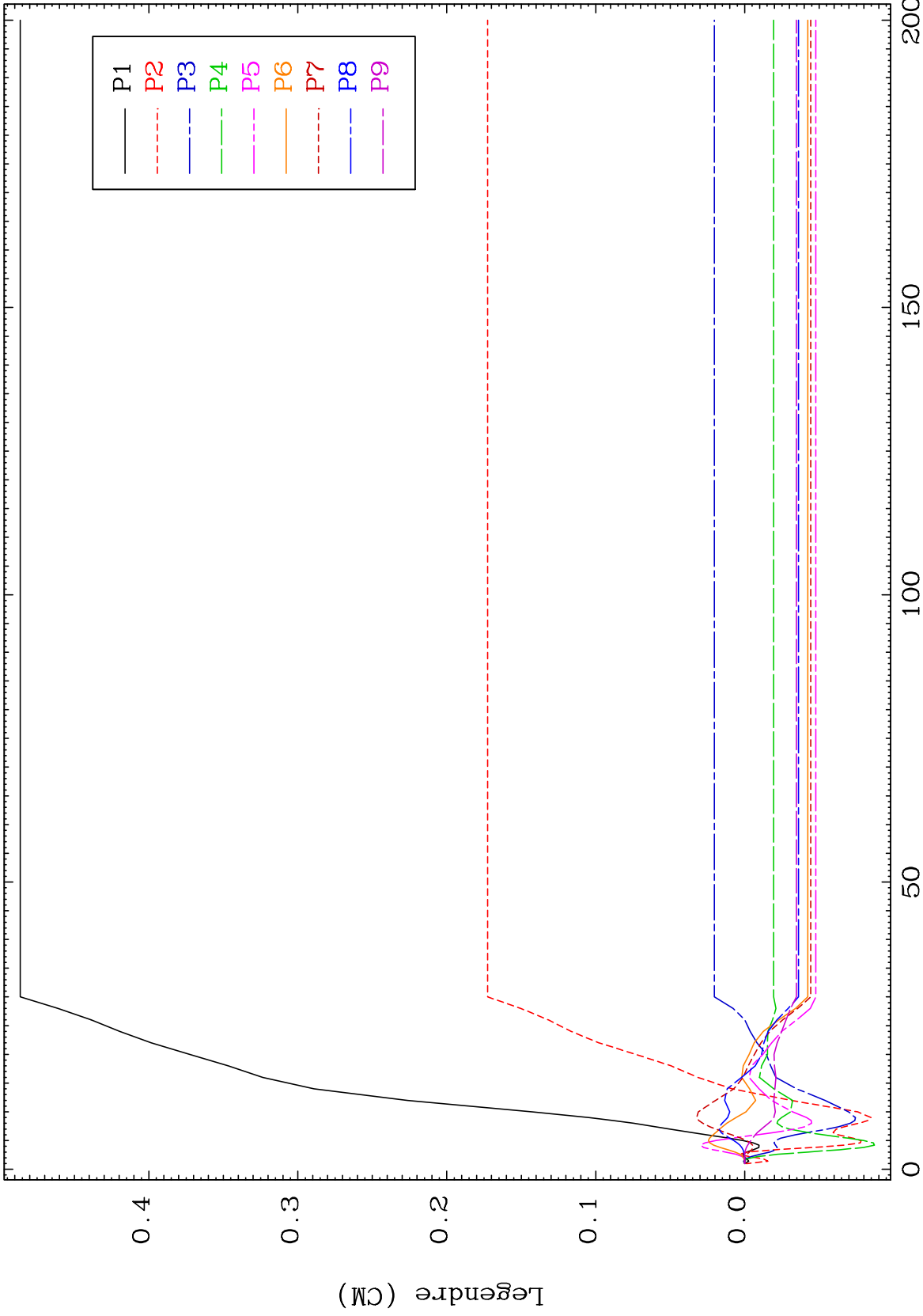
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



33

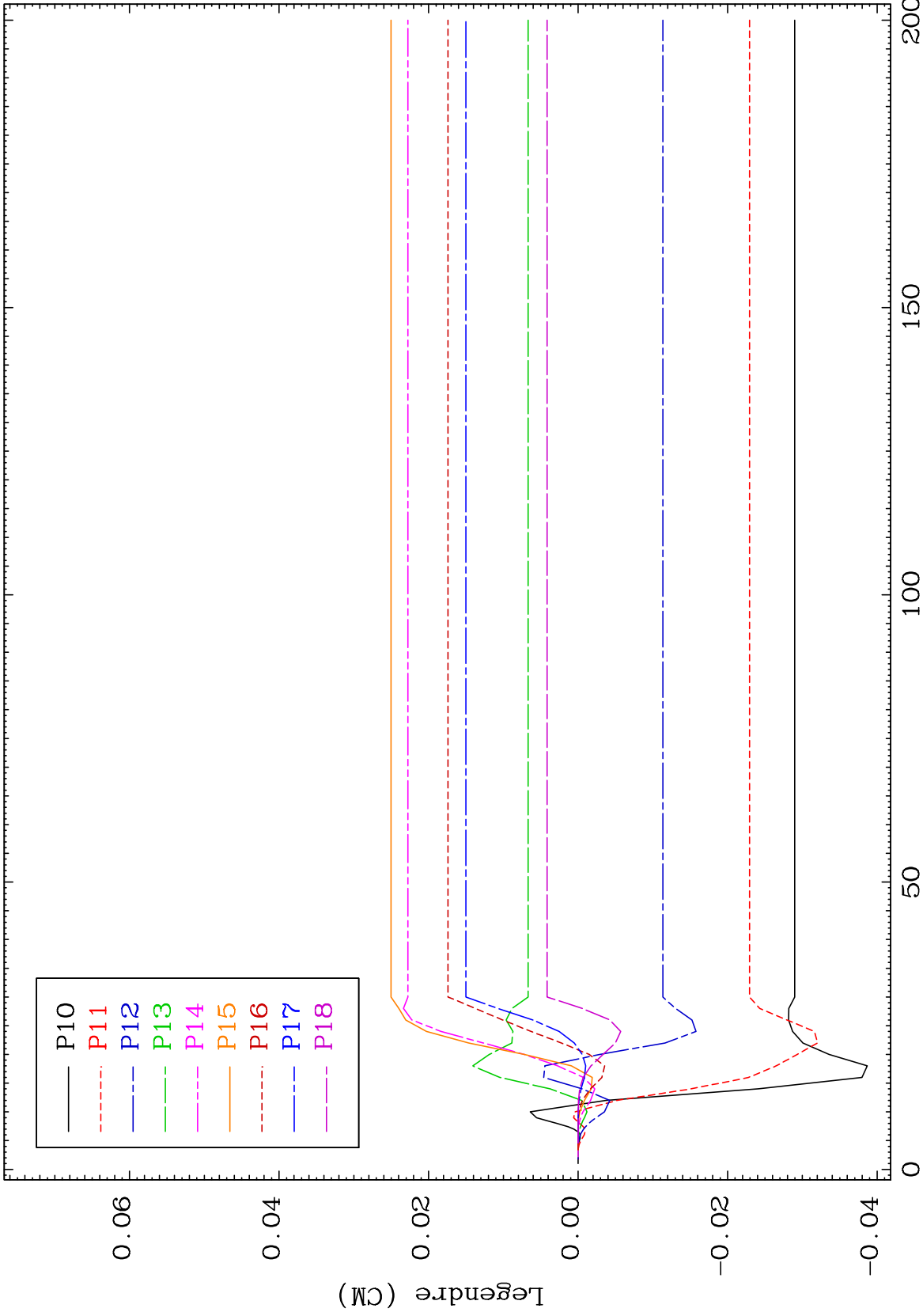
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



34

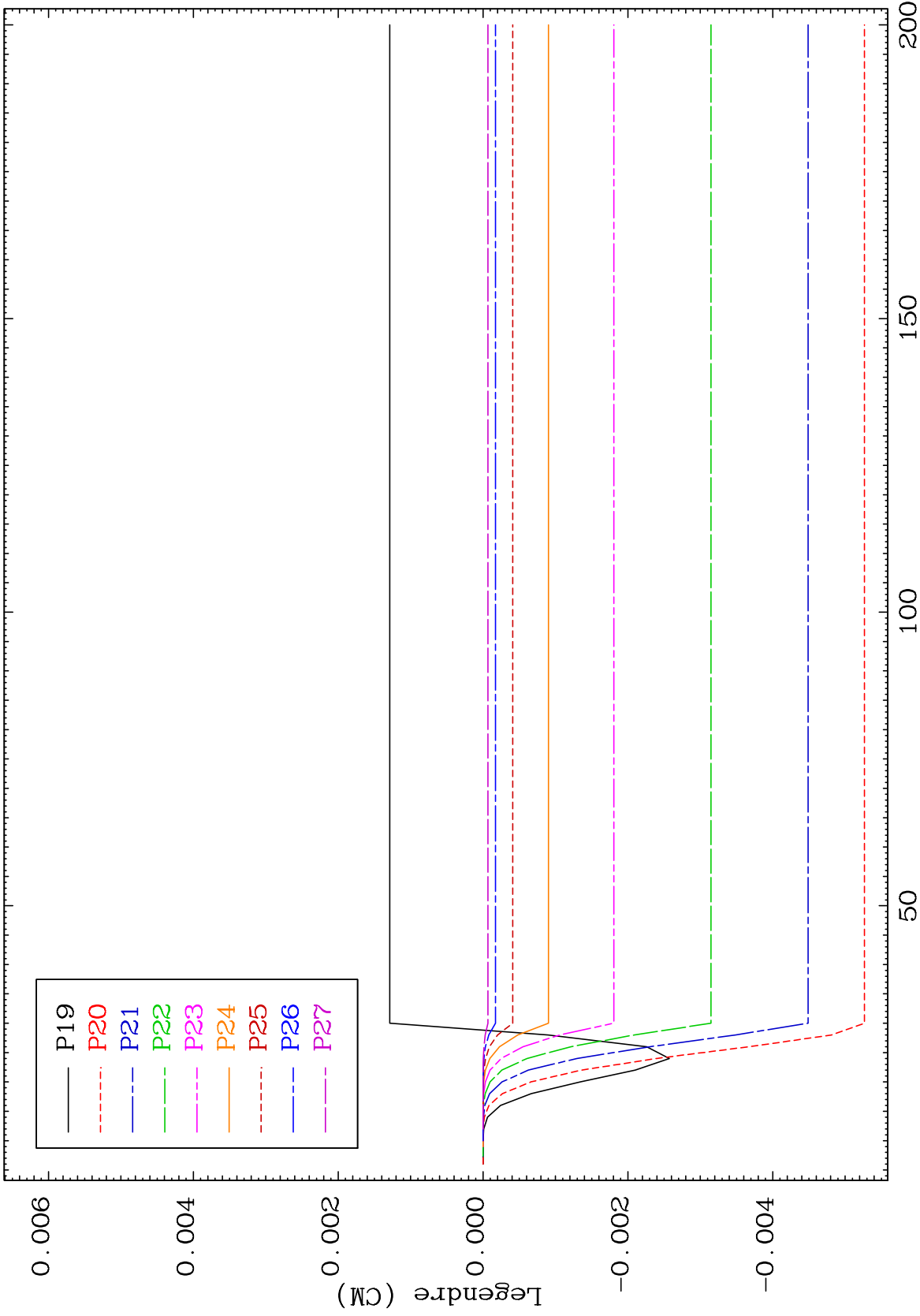
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

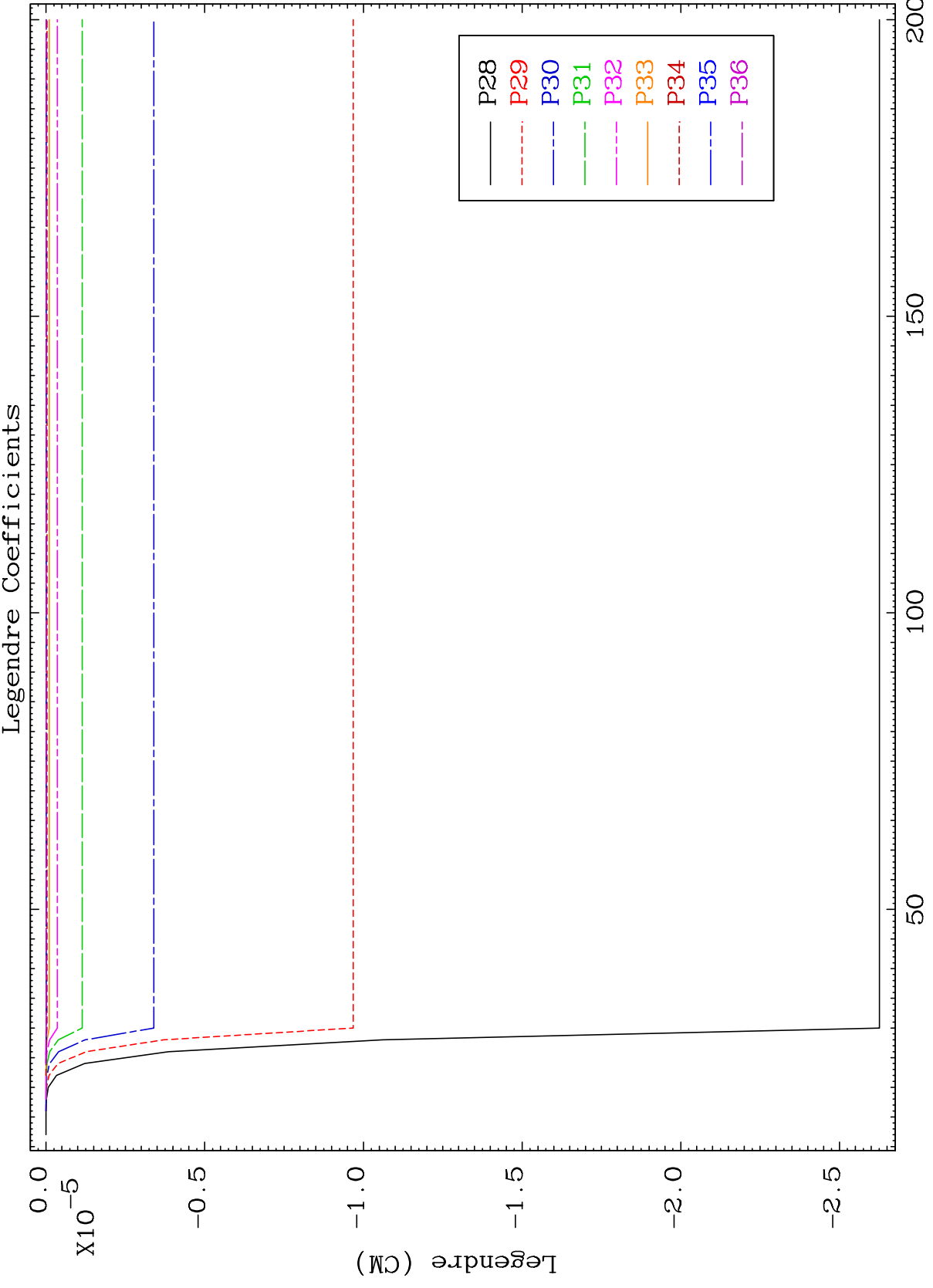
80-Hg-184



35

Incident Energy (MeV)

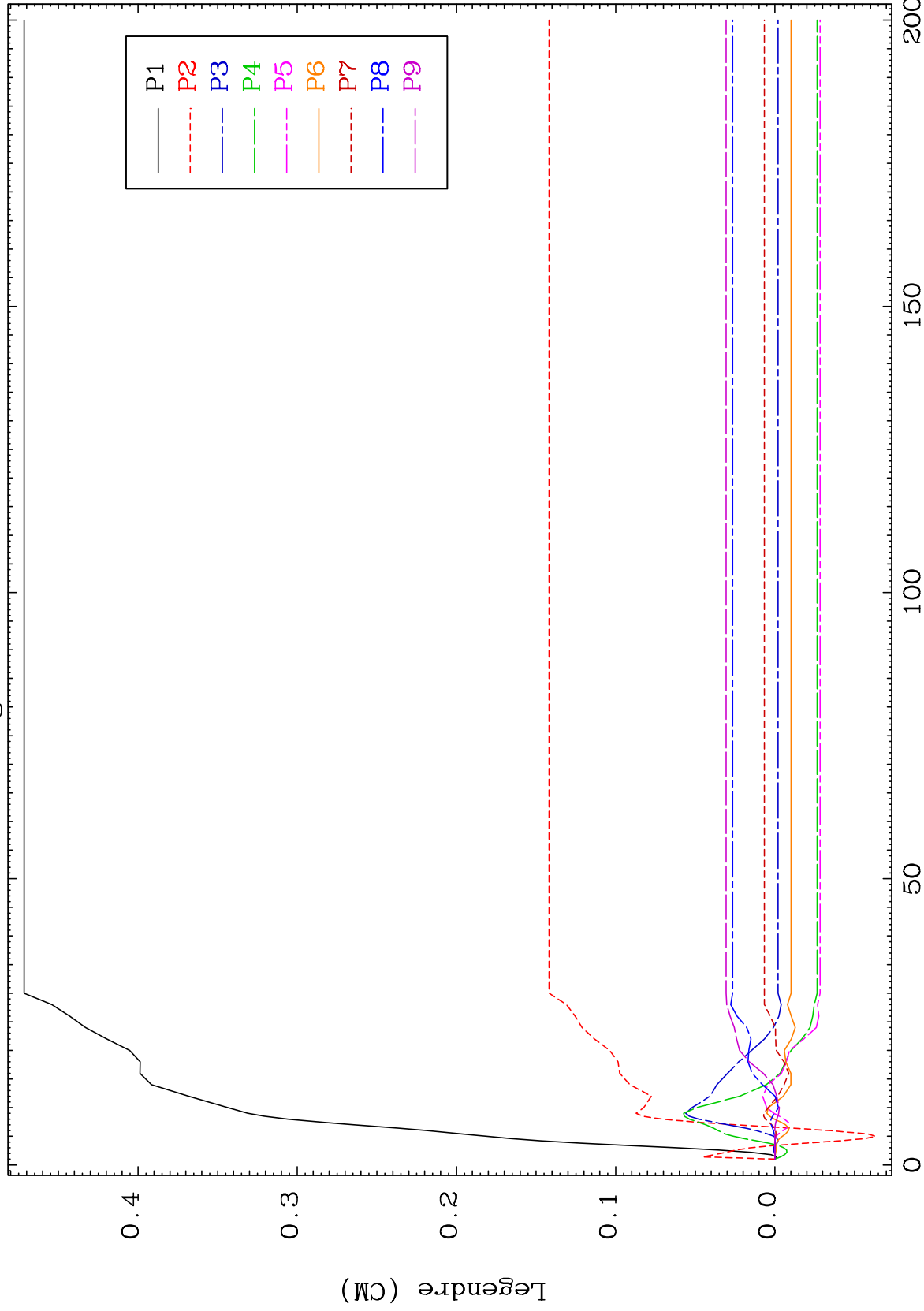
80-Hg-184



MAT 7989

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

80-Hg-184



37

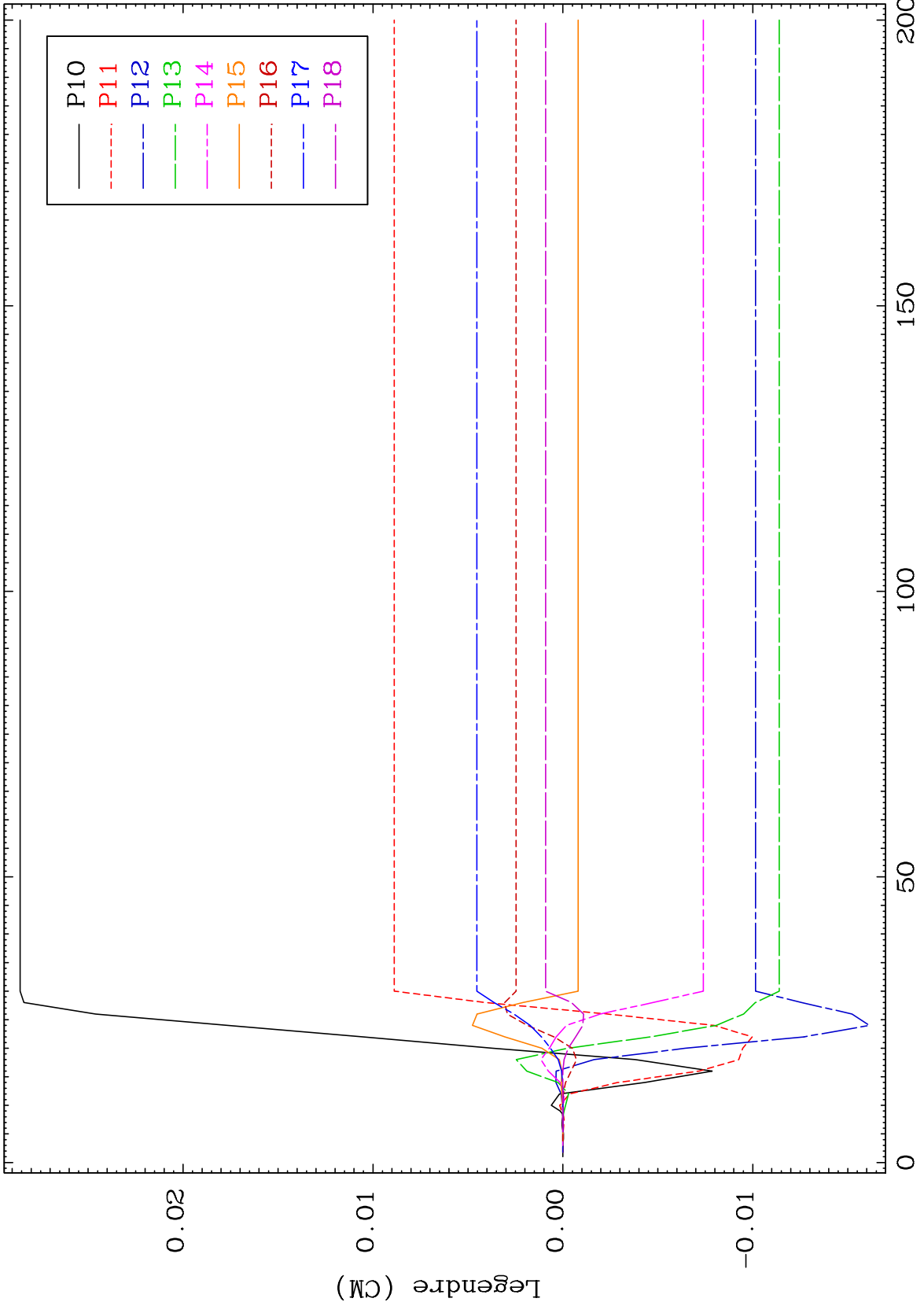
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



80-Hg-184

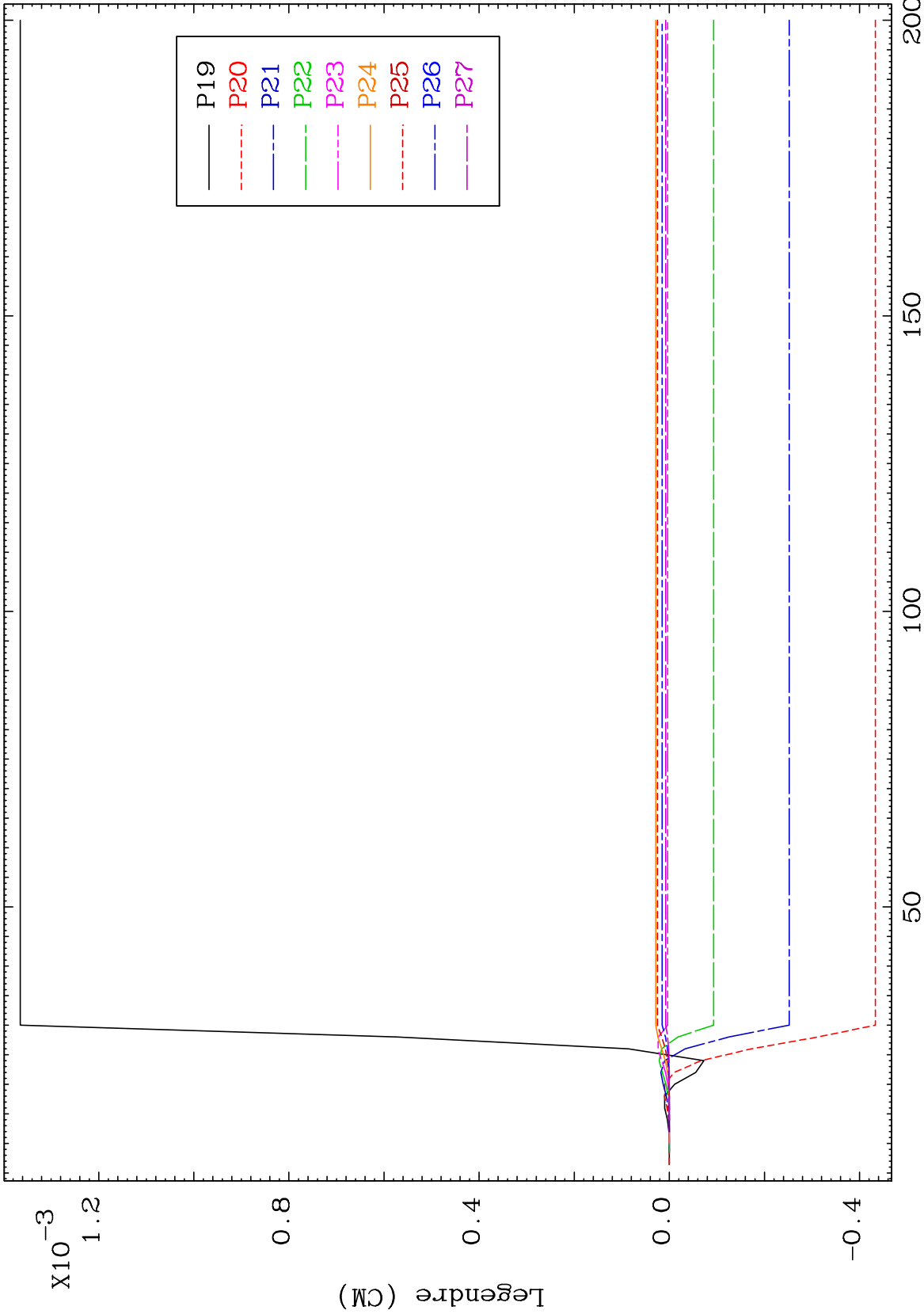
Incident Energy (MeV)

38

MAT 7989

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

80-Hg-184



39

Incident Energy (MeV)

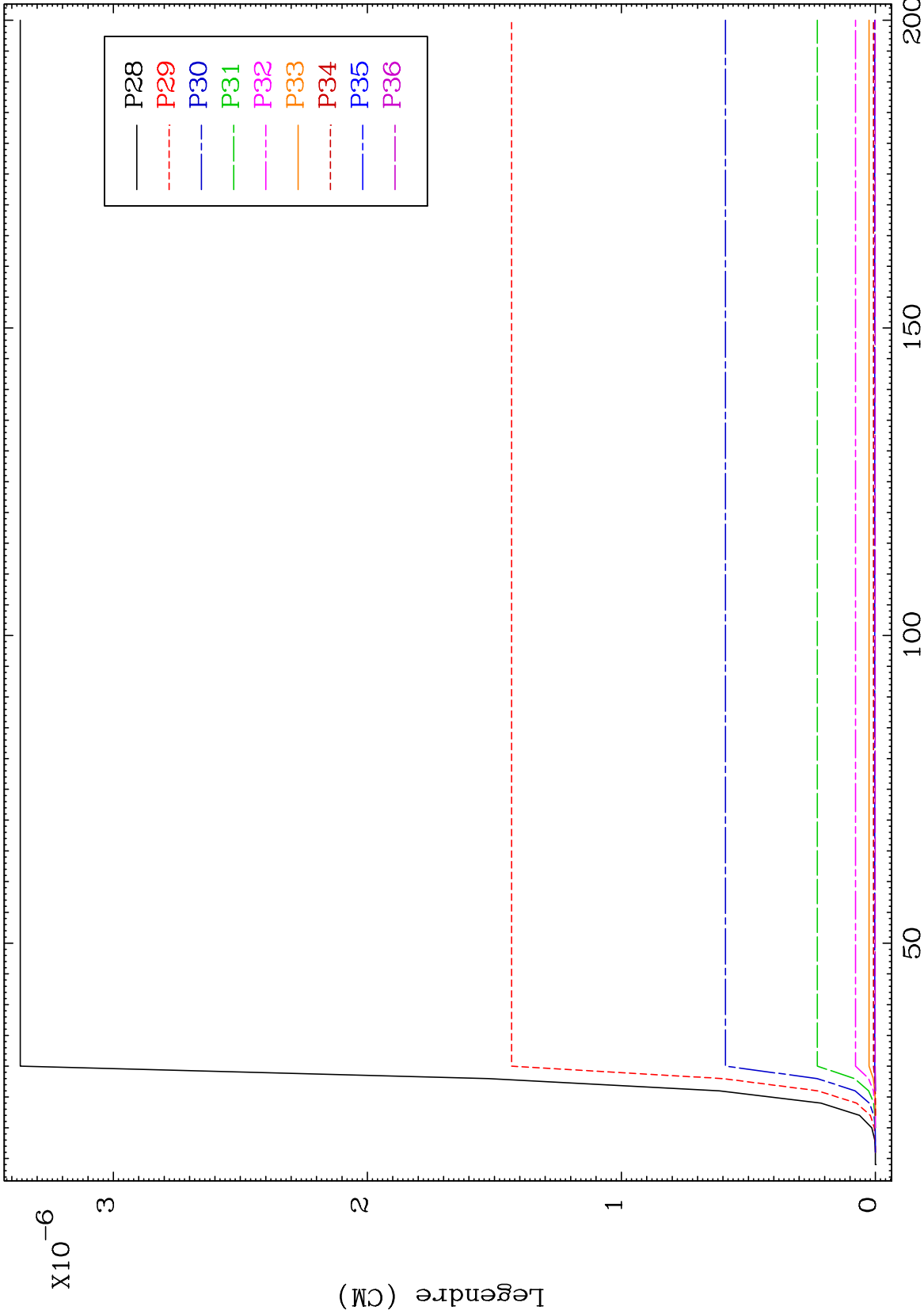
80-Hg-184



MAT 7989

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

80-Hg-184



40

50

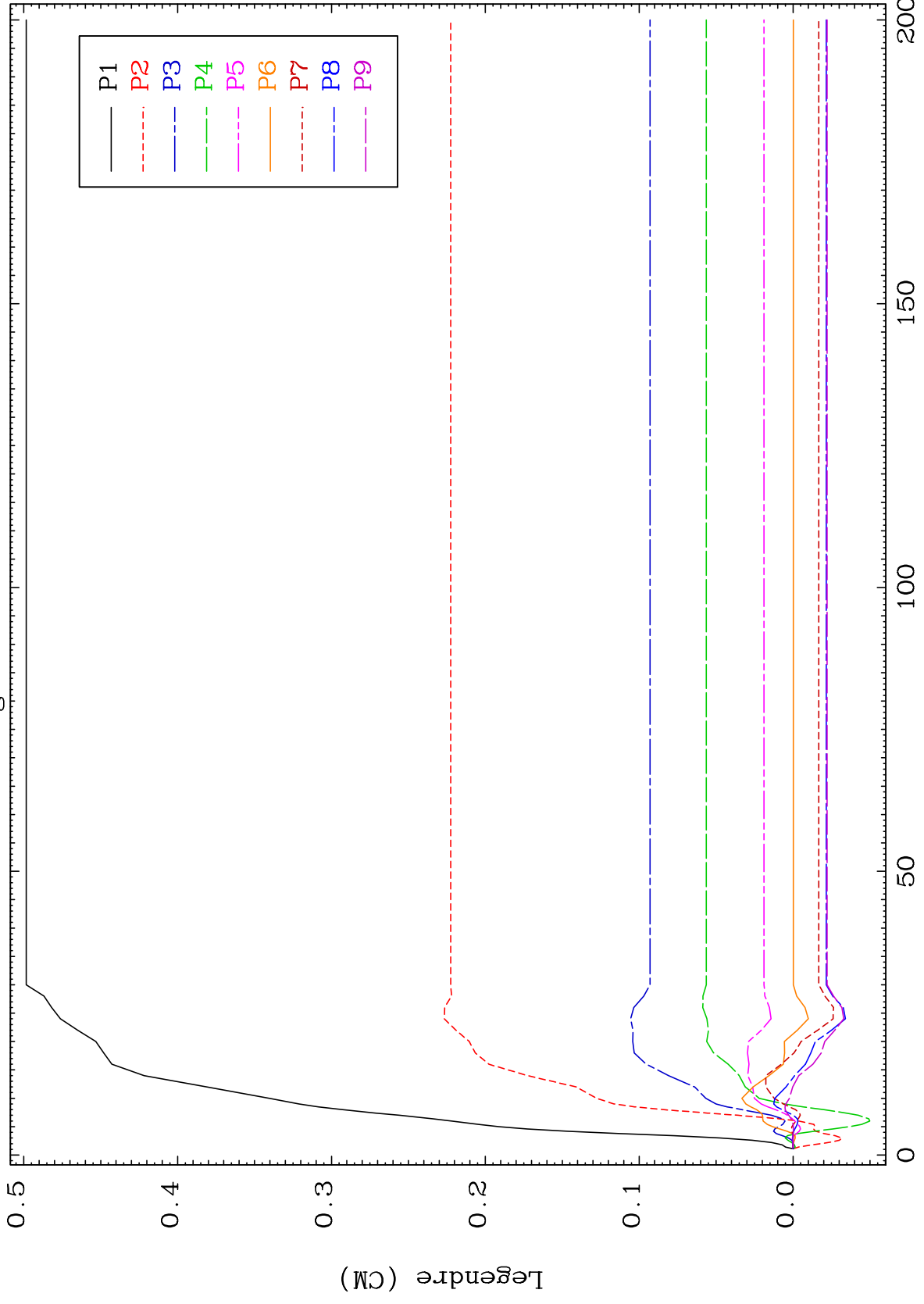
100

150

200

80-Hg-184

MAT 7989 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-184

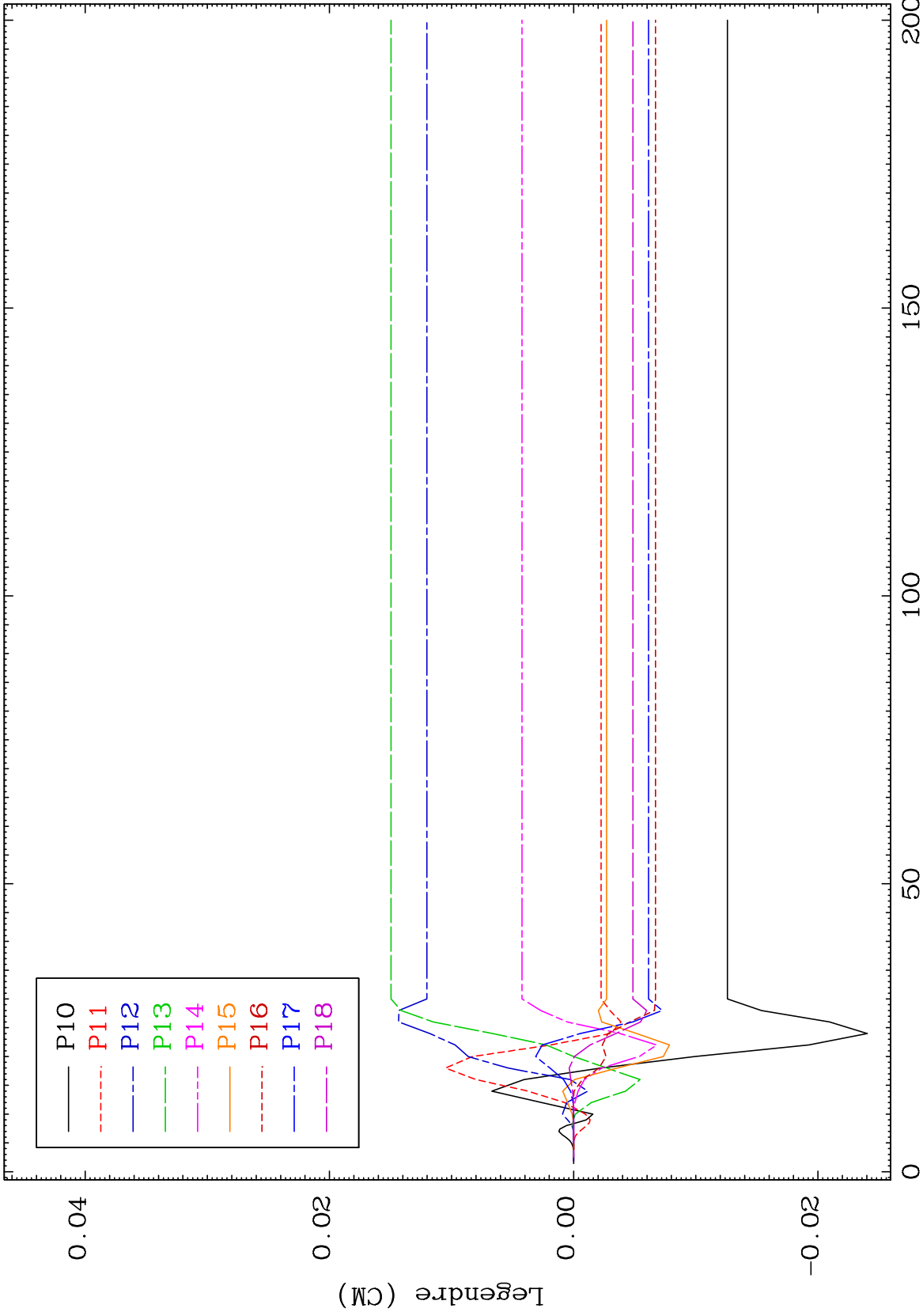


41 80-Hg-184

MAT 7989

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

80-Hg-184



42

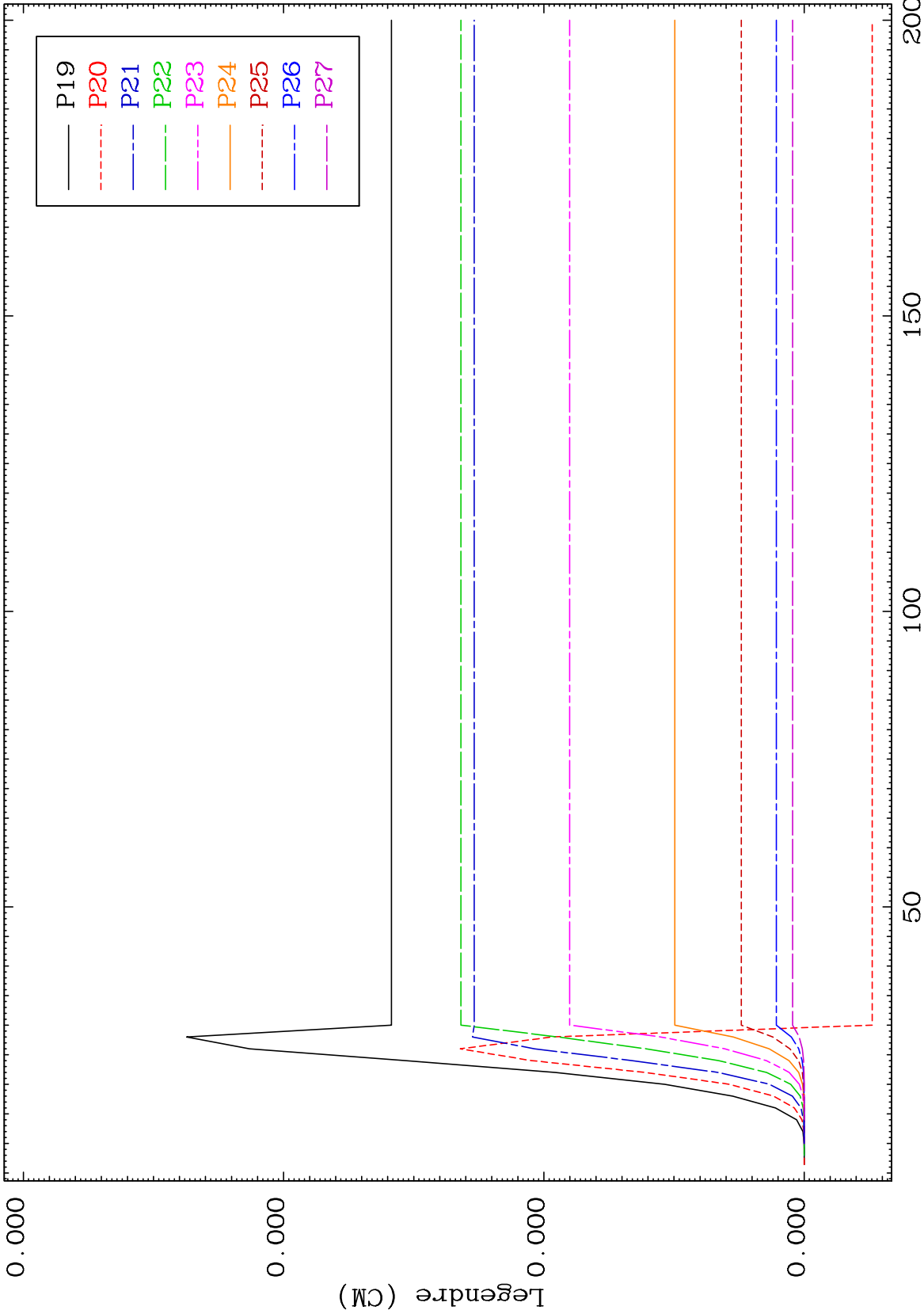
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



43

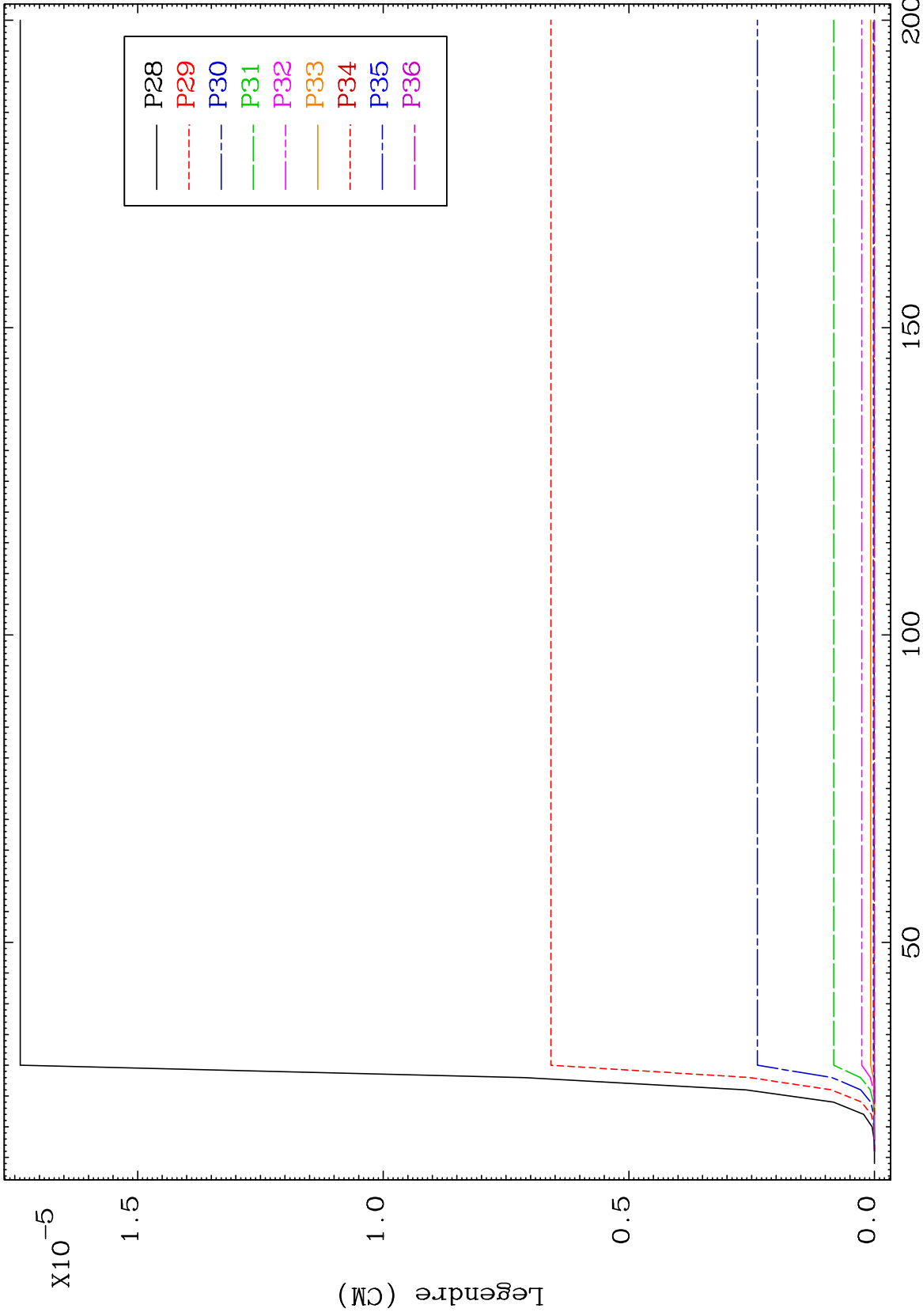
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184

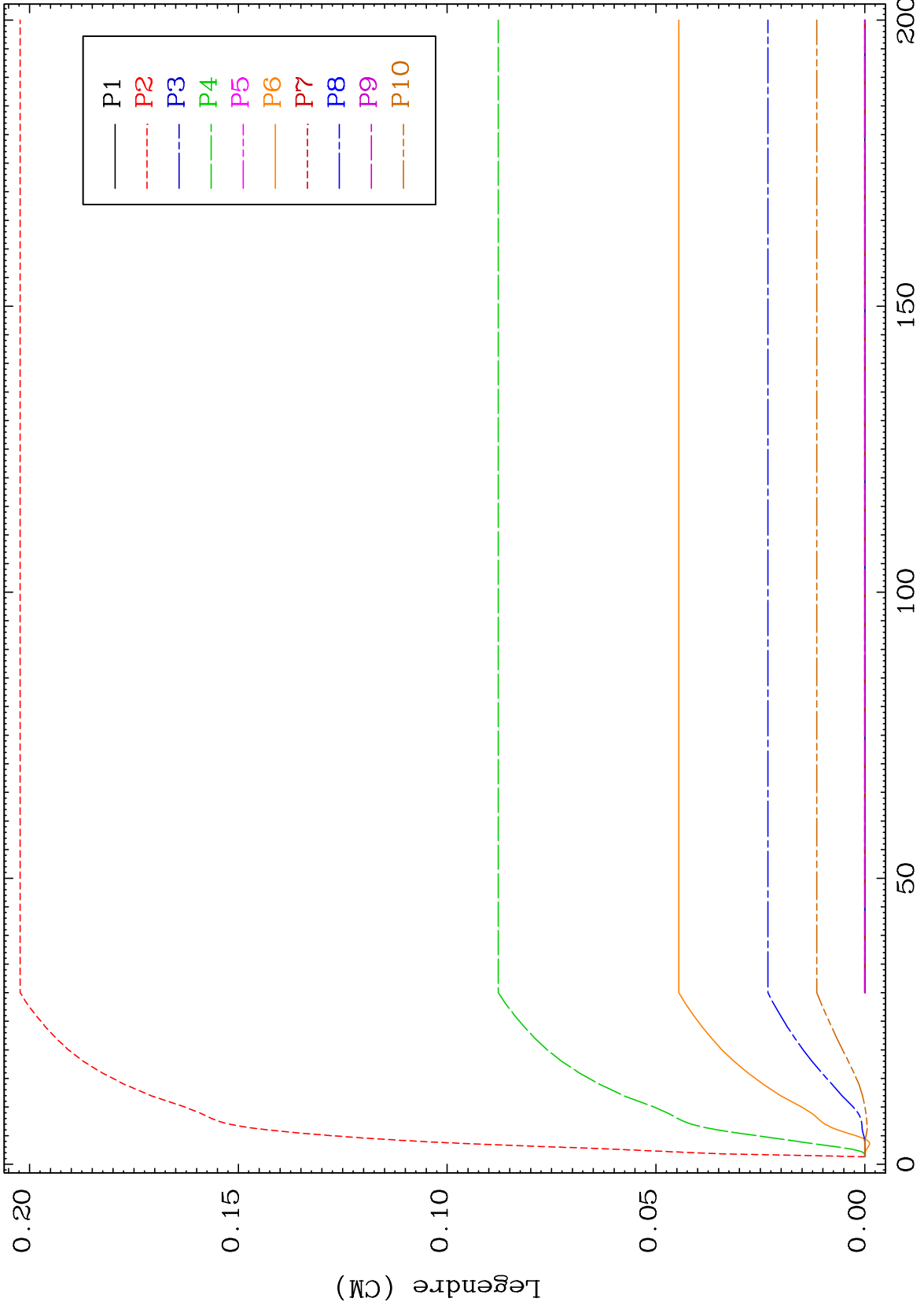


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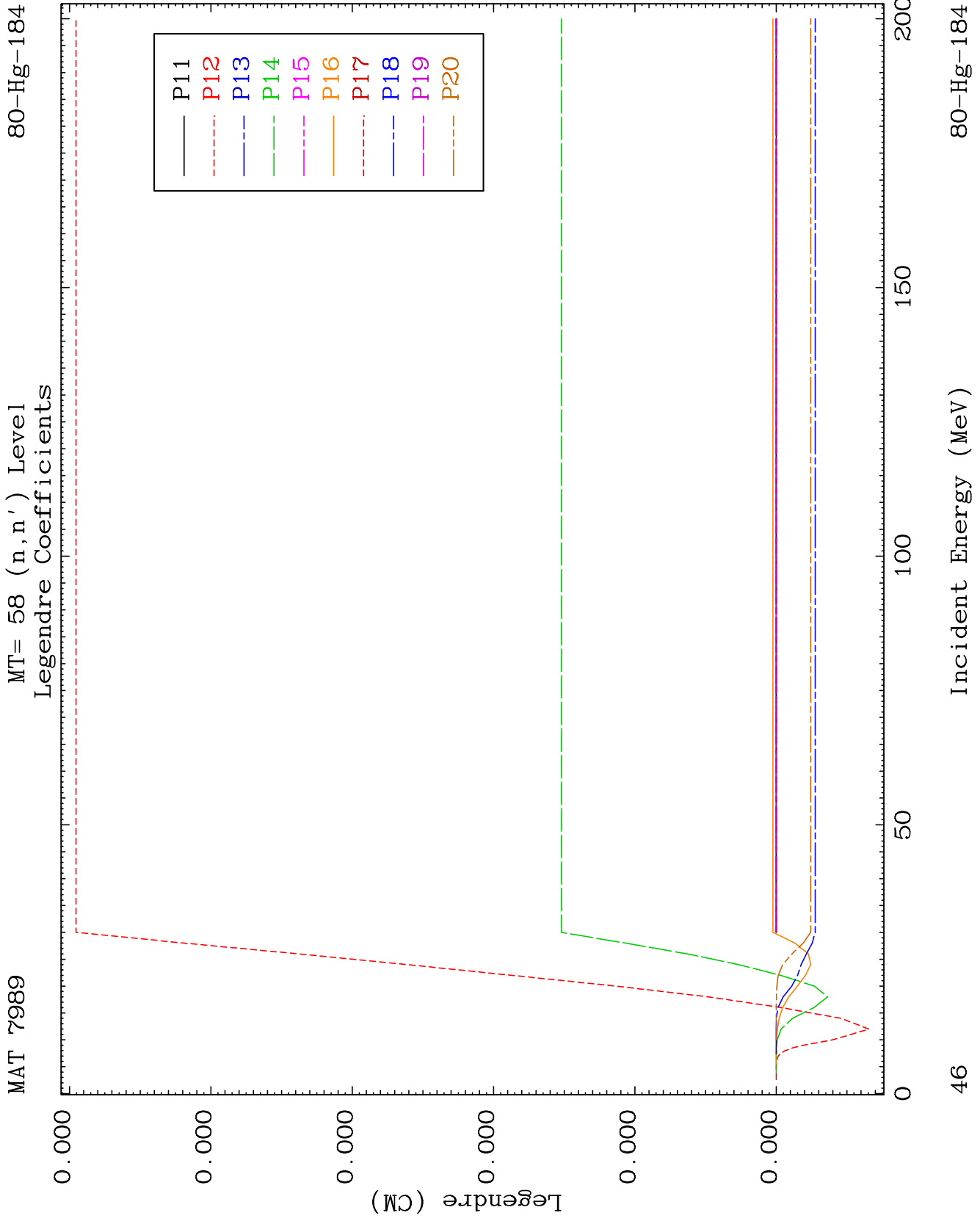
Incident Energy (MeV)

80-Hg-184

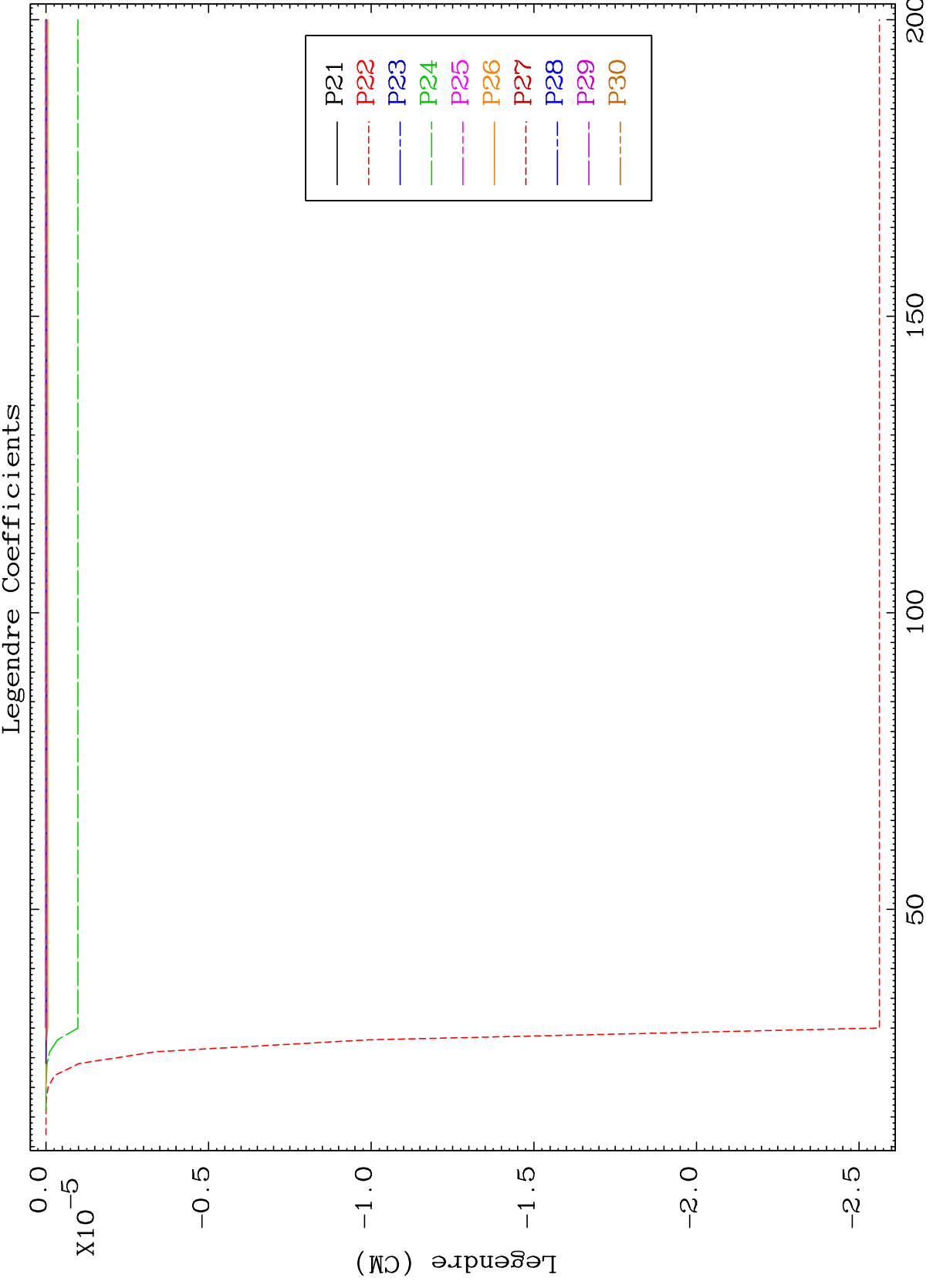
MAT 7989 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-184



Incident Energy (MeV) 80-Hg-184



MAT 7989 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-184

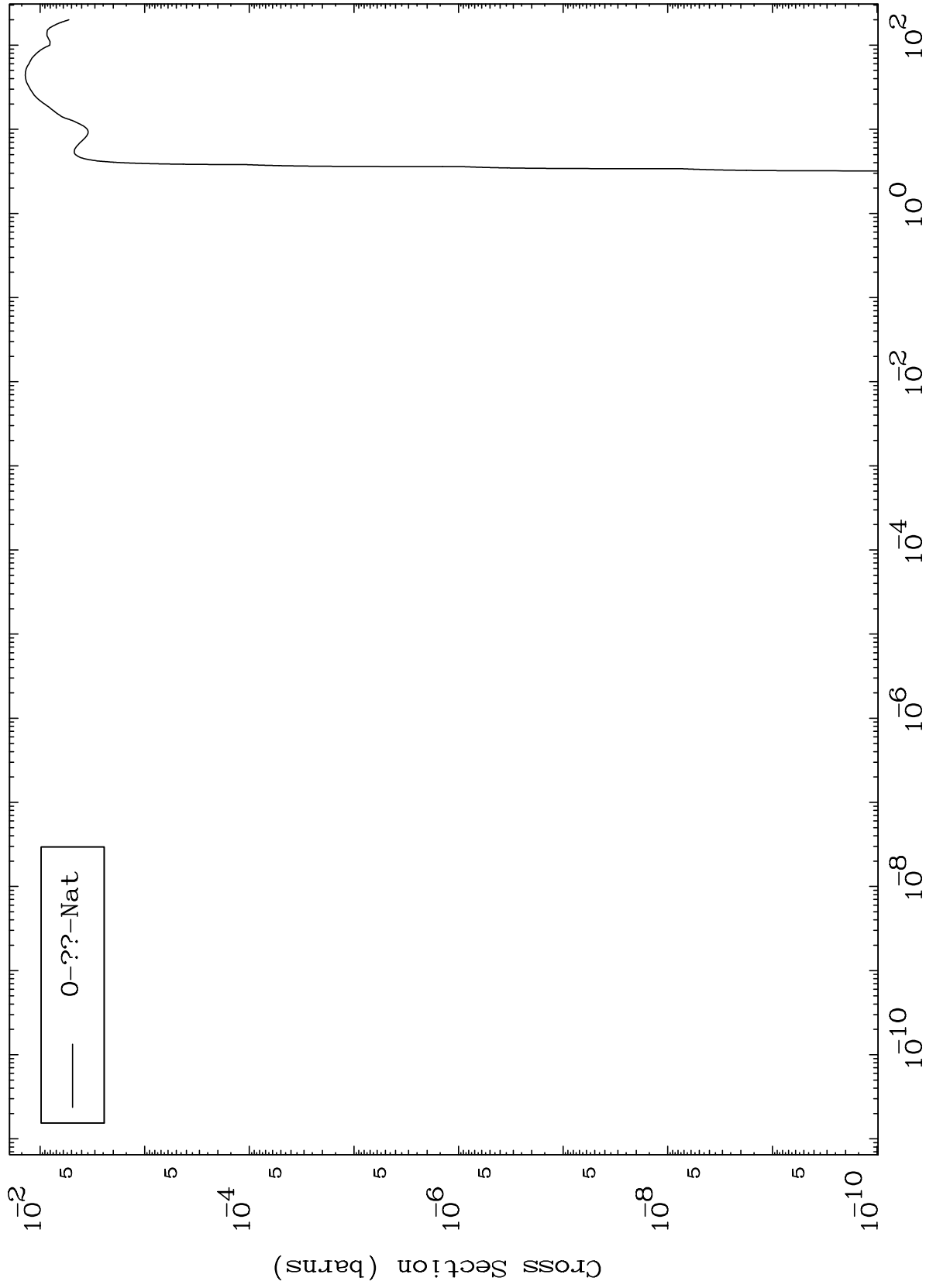




MAT 7989

Fission  
Radionuclide Production Cross Section

80-Hg-184



48

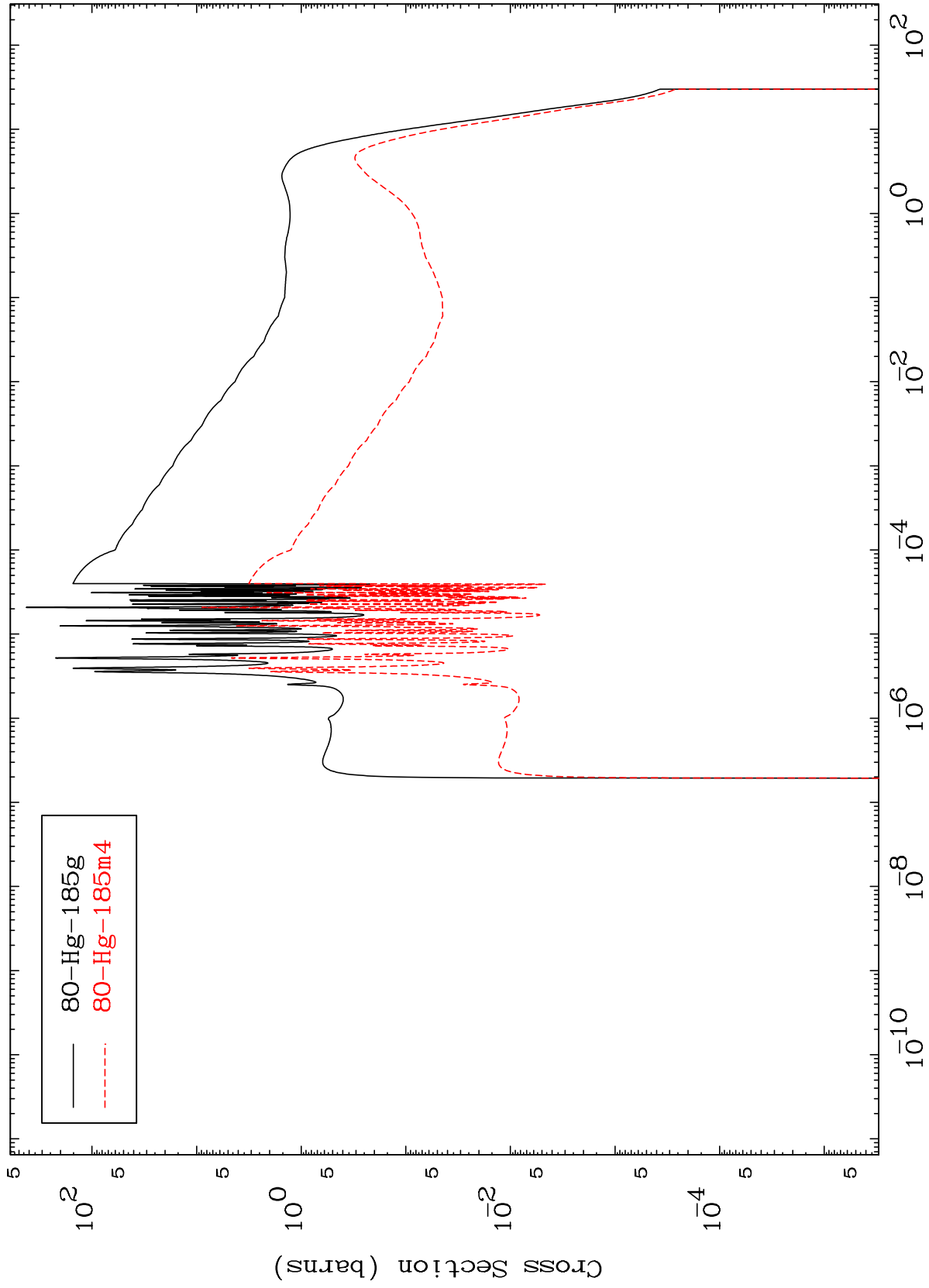
Incident Energy (MeV)

80-Hg-184

MAT 7989

80-Hg-184

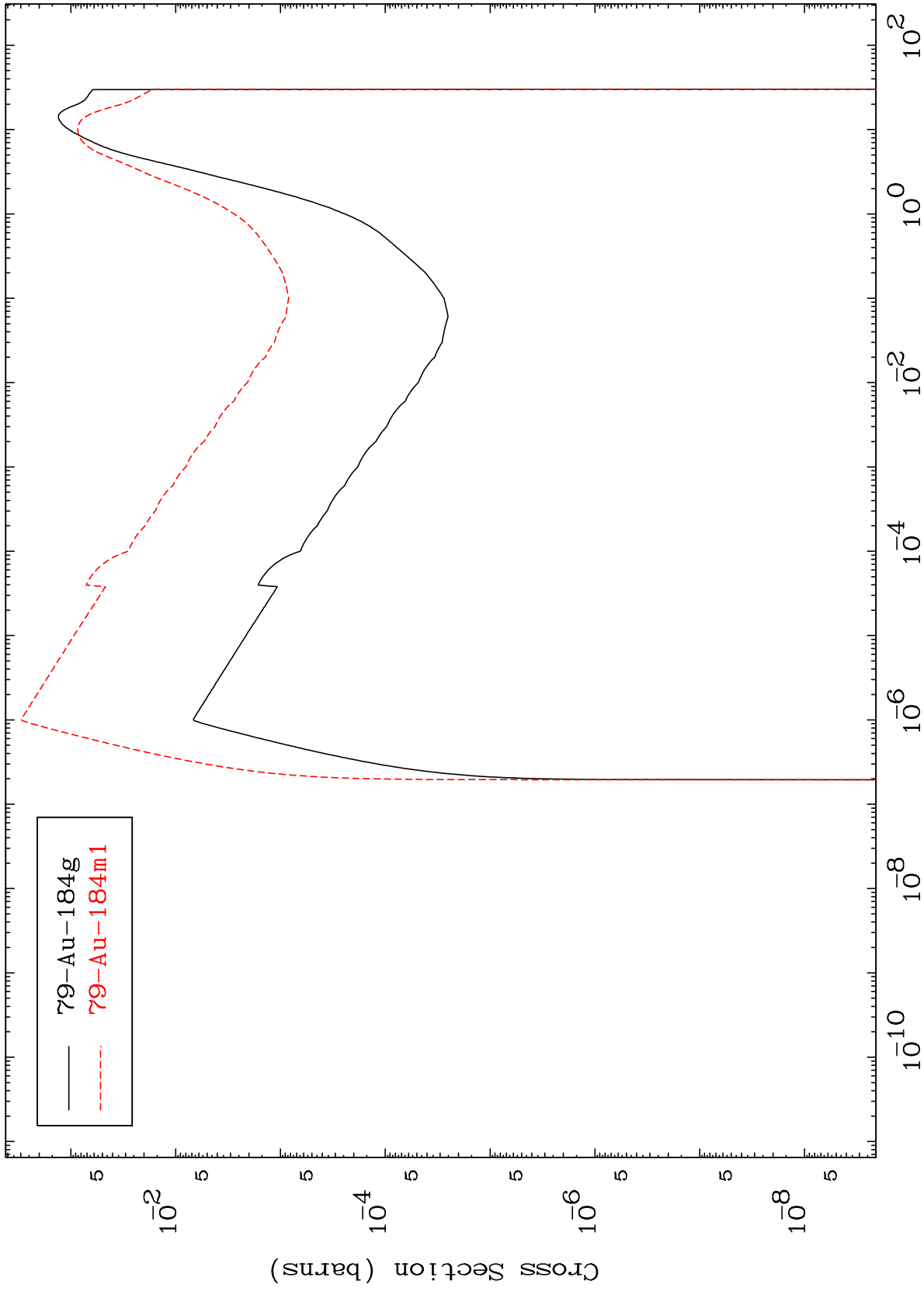
Radionuclide Production Cross Section



MAT 7989

80-Hg-184

Radionuclide Production Cross Section (n,p)



79-Au-184g  
79-Au-184m1

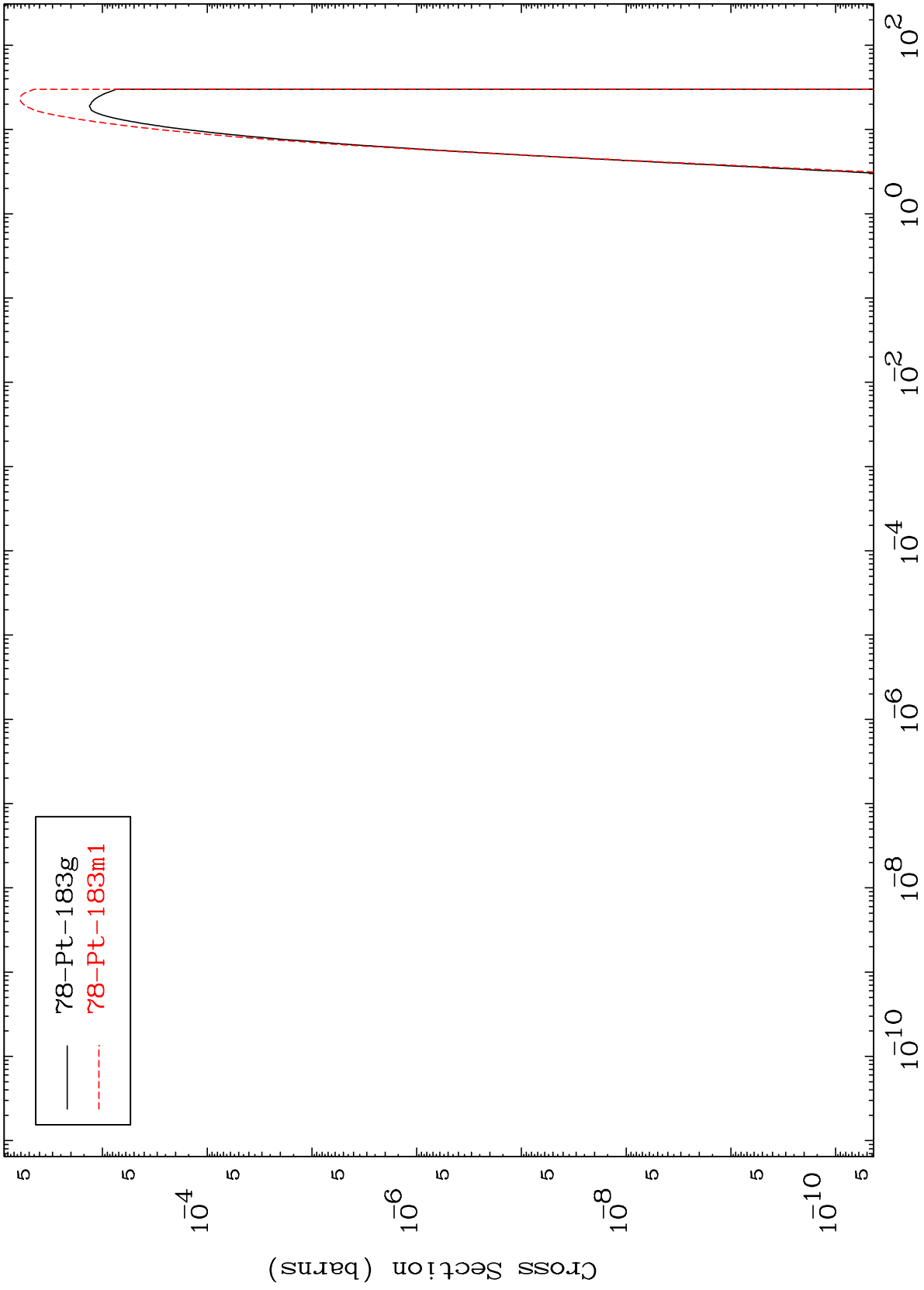
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80-Hg-184

MAT 7989

(n,2p)  
Radionuclide Production Cross Section

80-Hg-184



51

Incident Energy (MeV)

80-Hg-184