

Program EVALPLOT  
(Version 2018-1)

by

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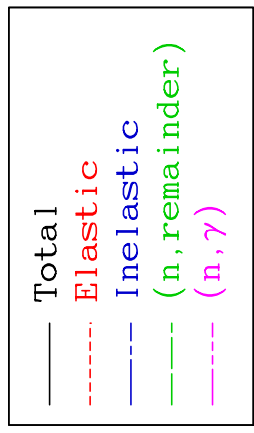
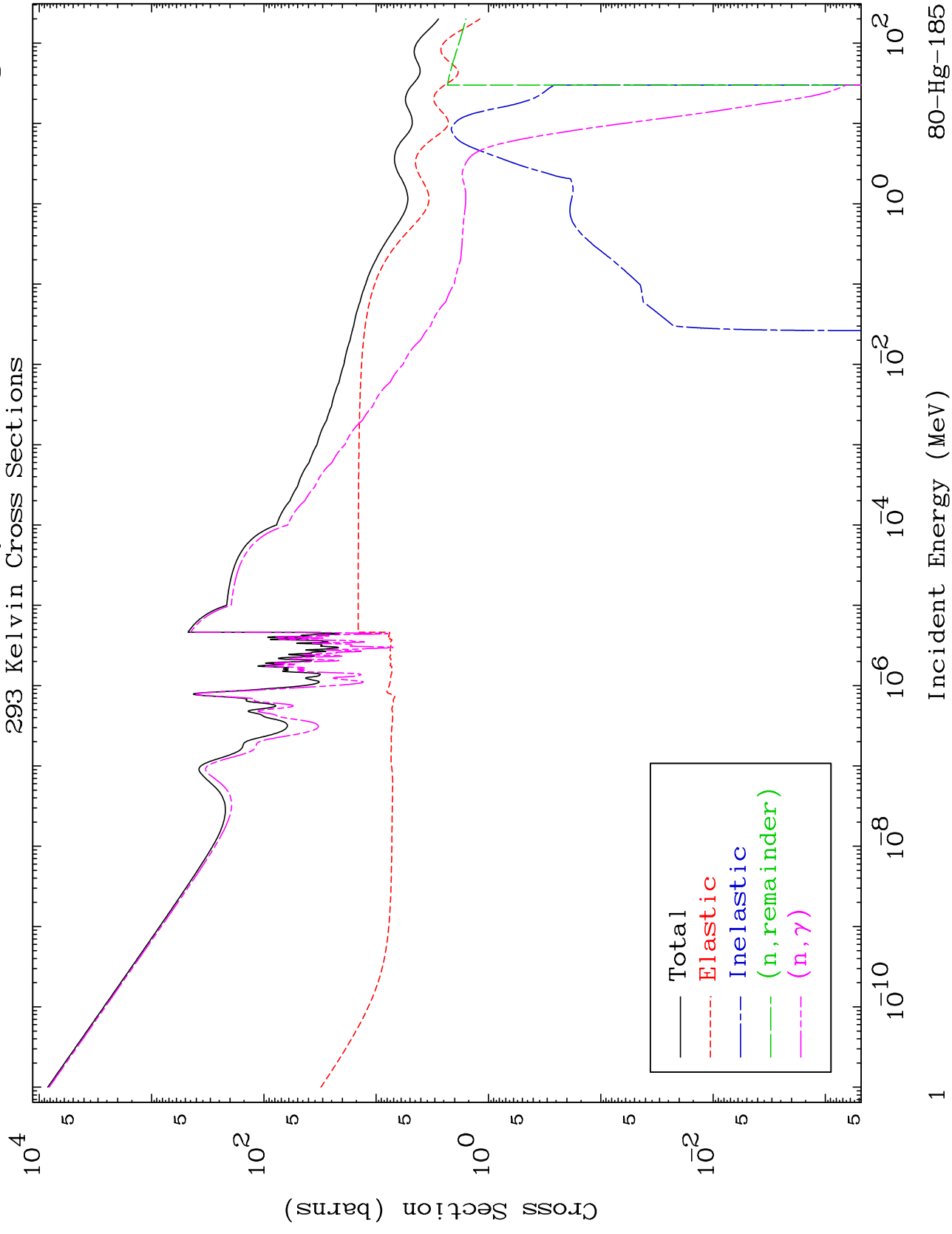
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7992

Major  
293 Kelvin Cross Sections

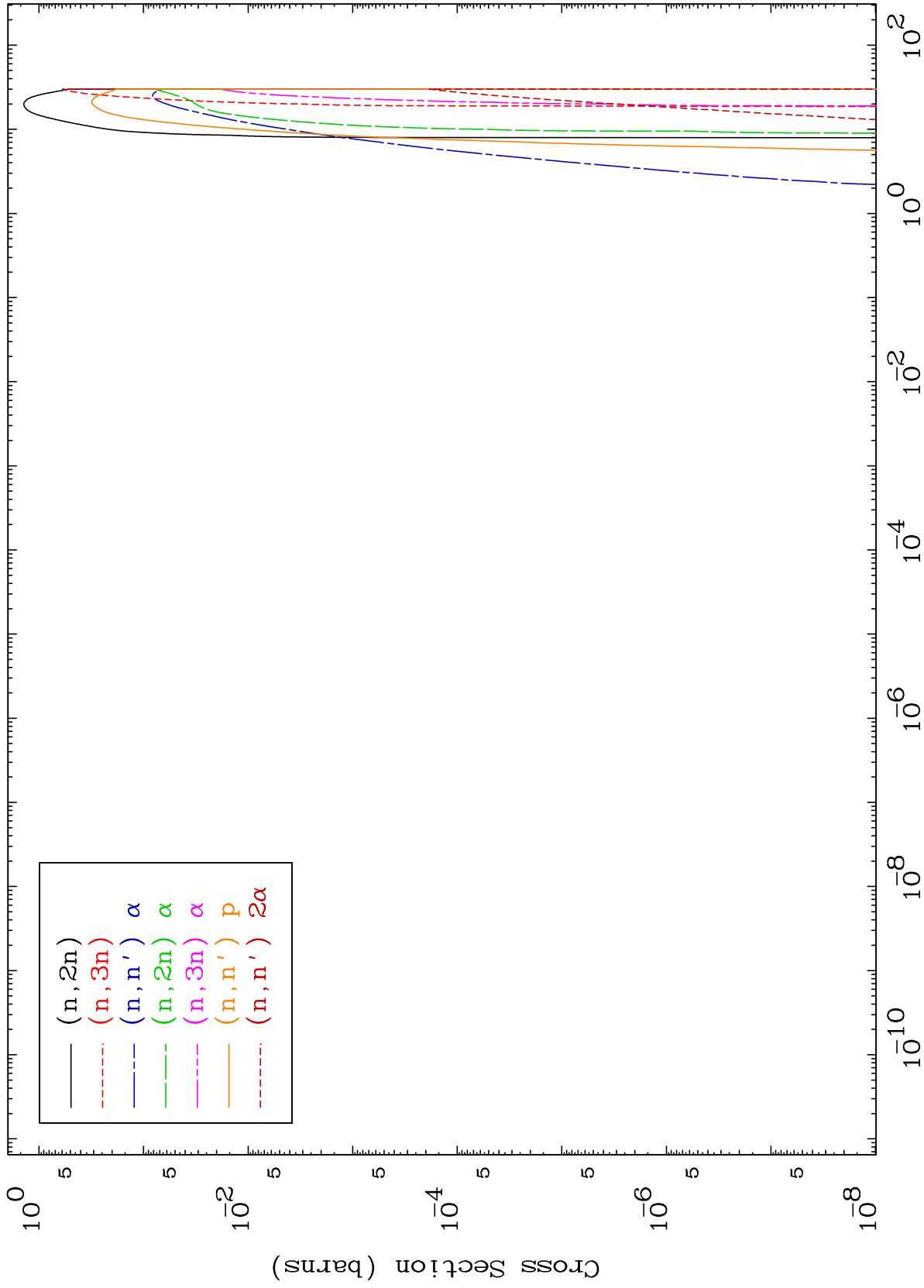
80-Hg-185



MAT 7992

Neutron Production  
293 Kelvin Cross Sections

80-Hg-185



2

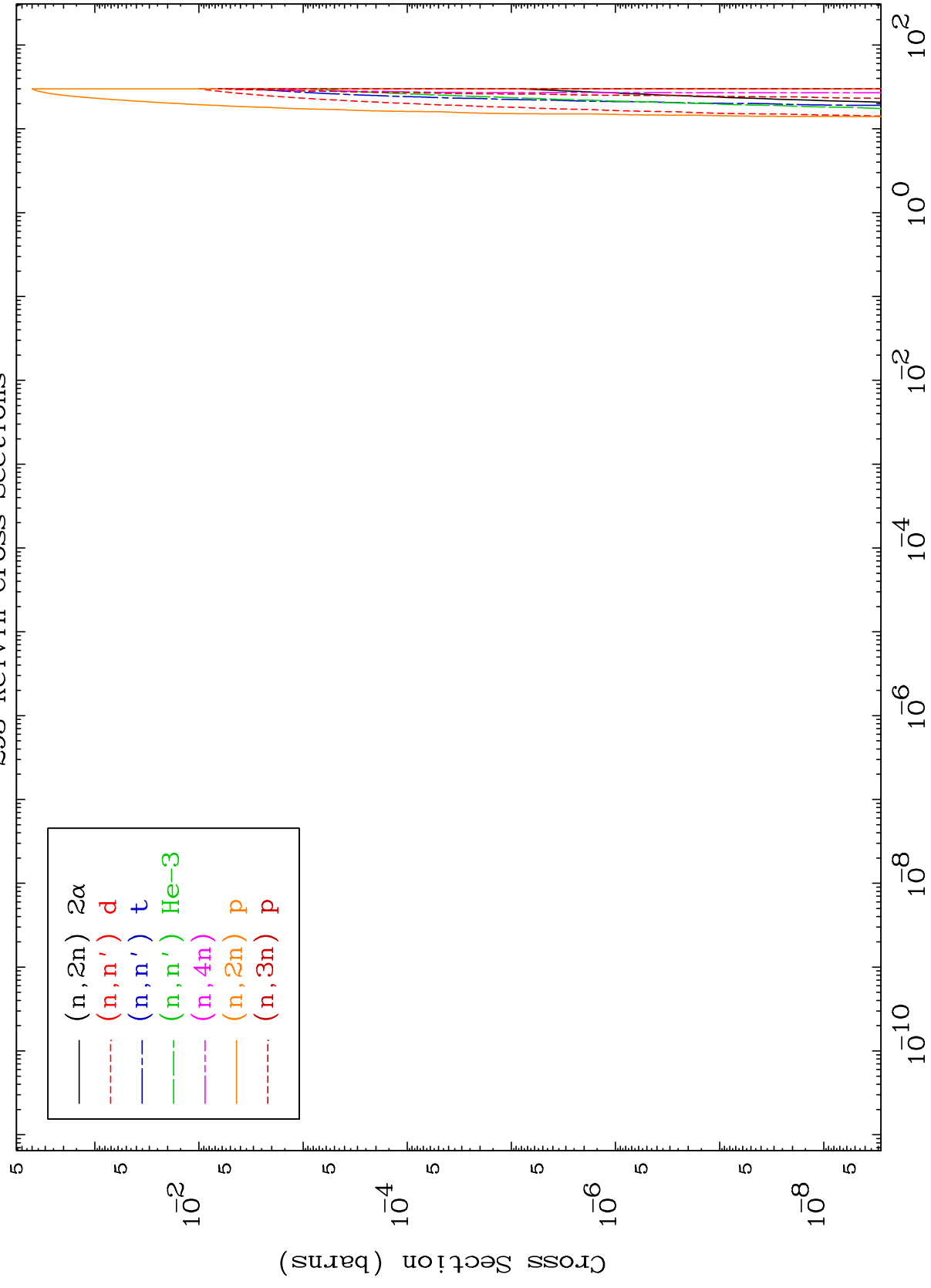
Incident Energy (MeV)

80-Hg-185

MAT 7992

Neutron Production  
293 Kelvin Cross Sections

80-Hg-185

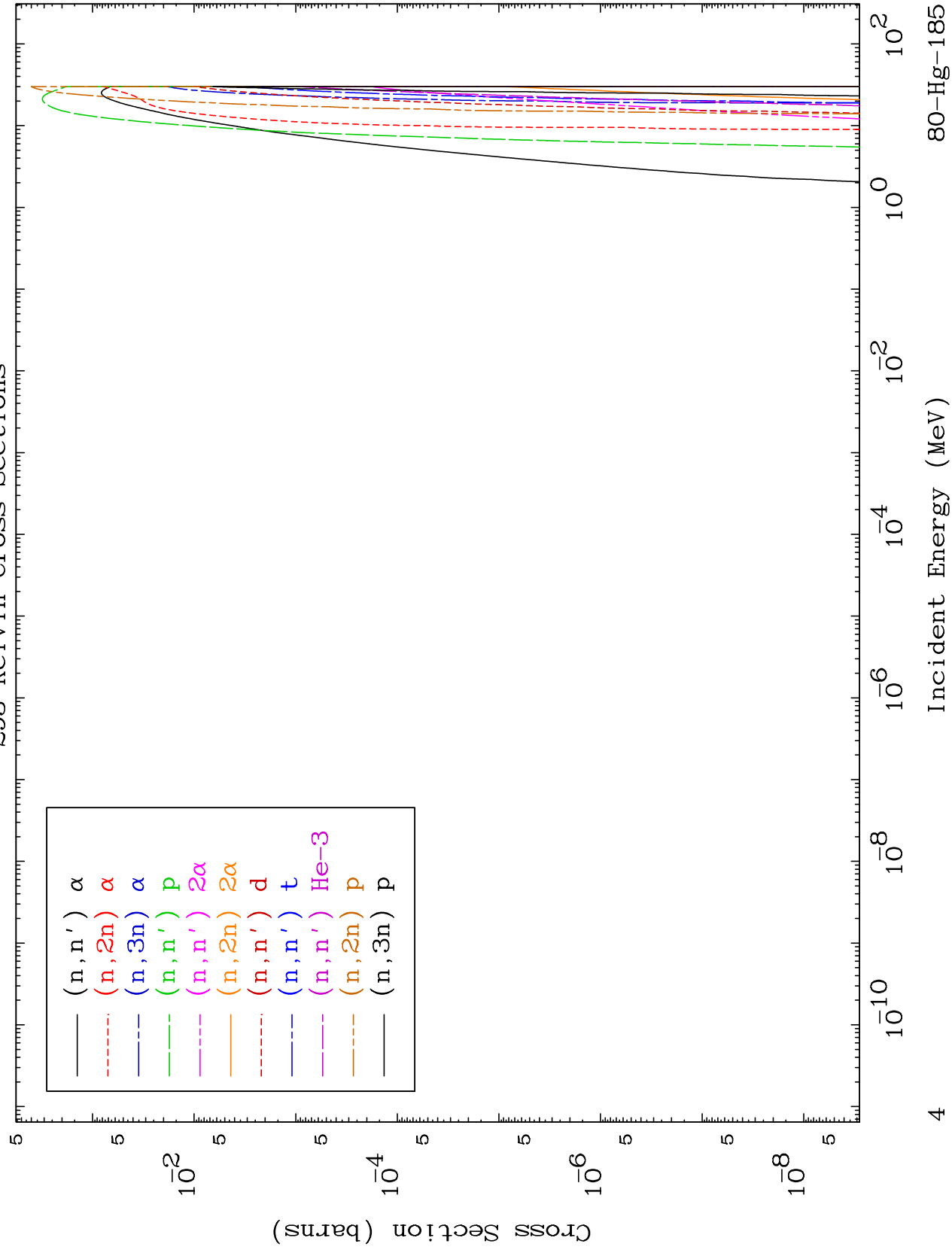


80-Hg-185

MAT 7992

293 Kelvin Cross Sections

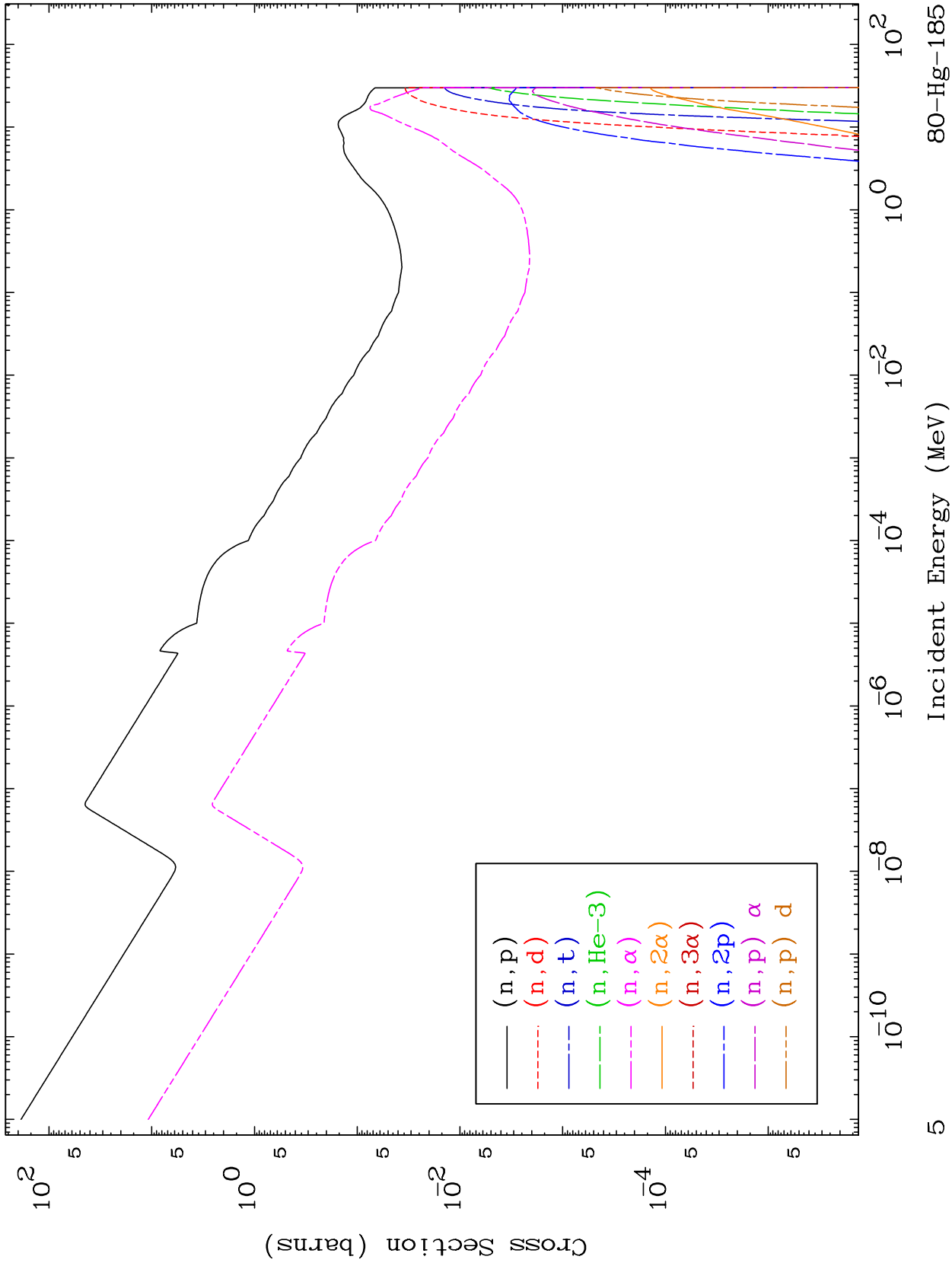
80-Hg-185



MAT 7992

293 Kelvin Cross Sections

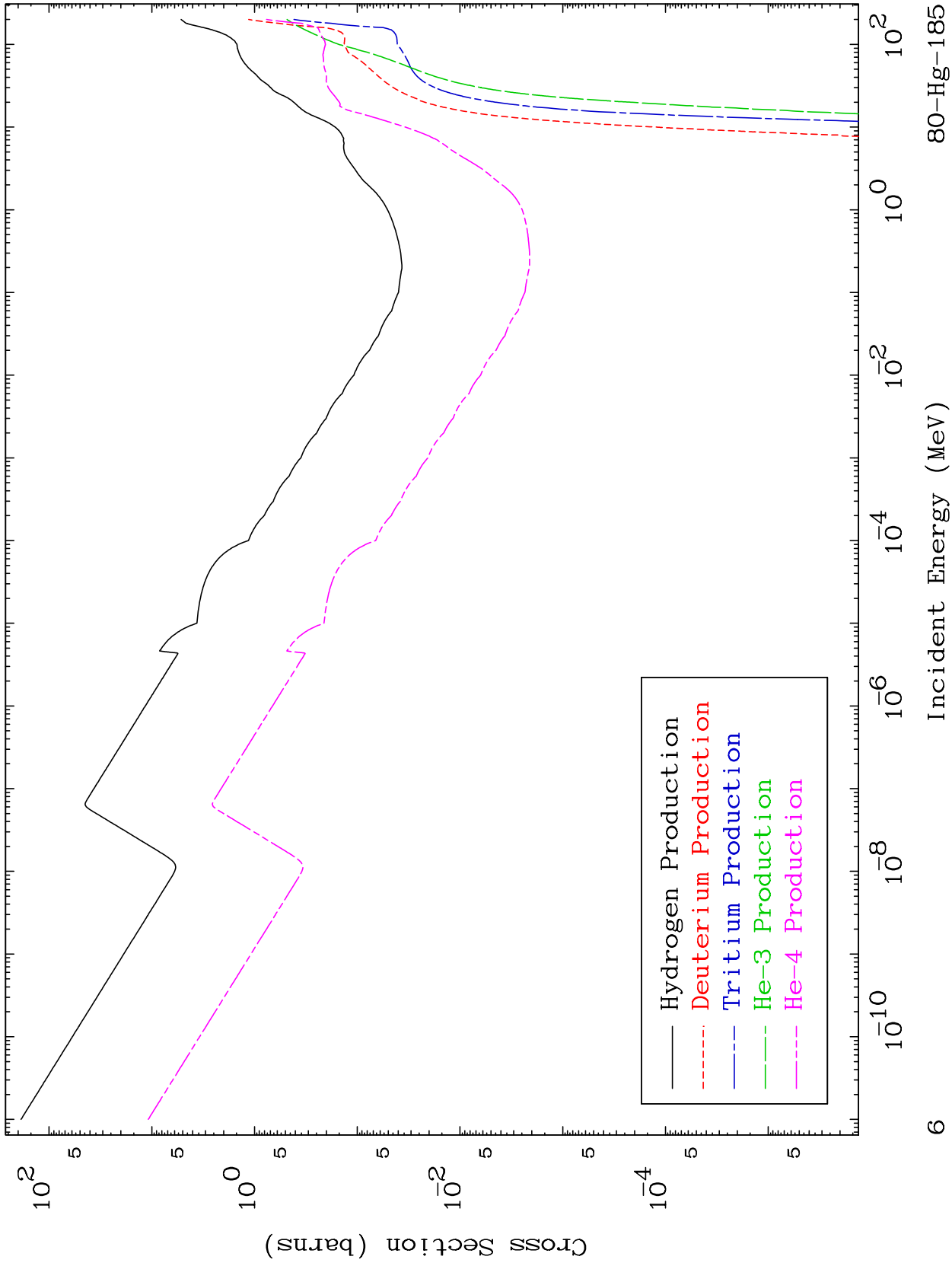
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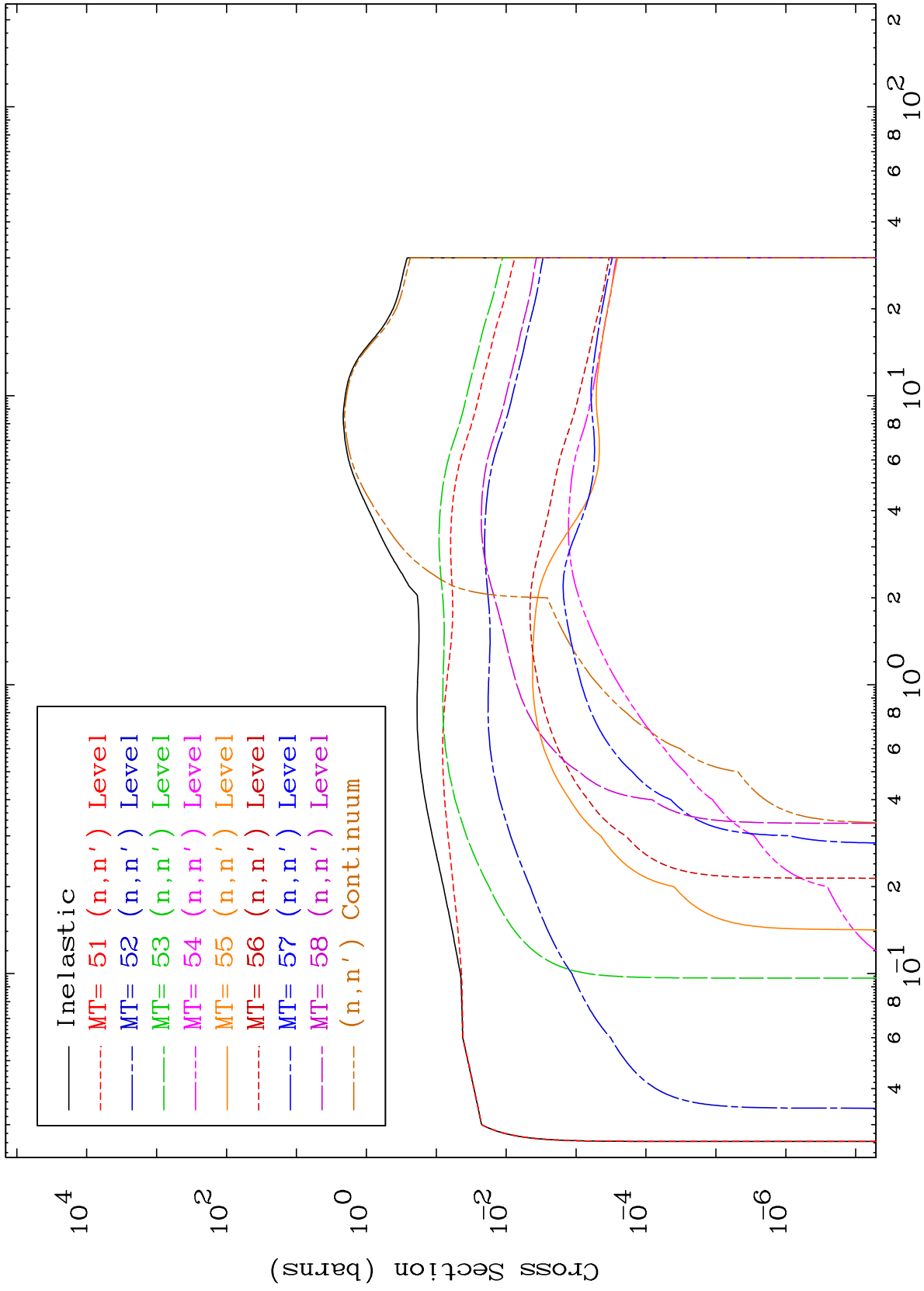


MAT 7992

Particle Production  
293 Kelvin Cross Sections

80-Hg-185



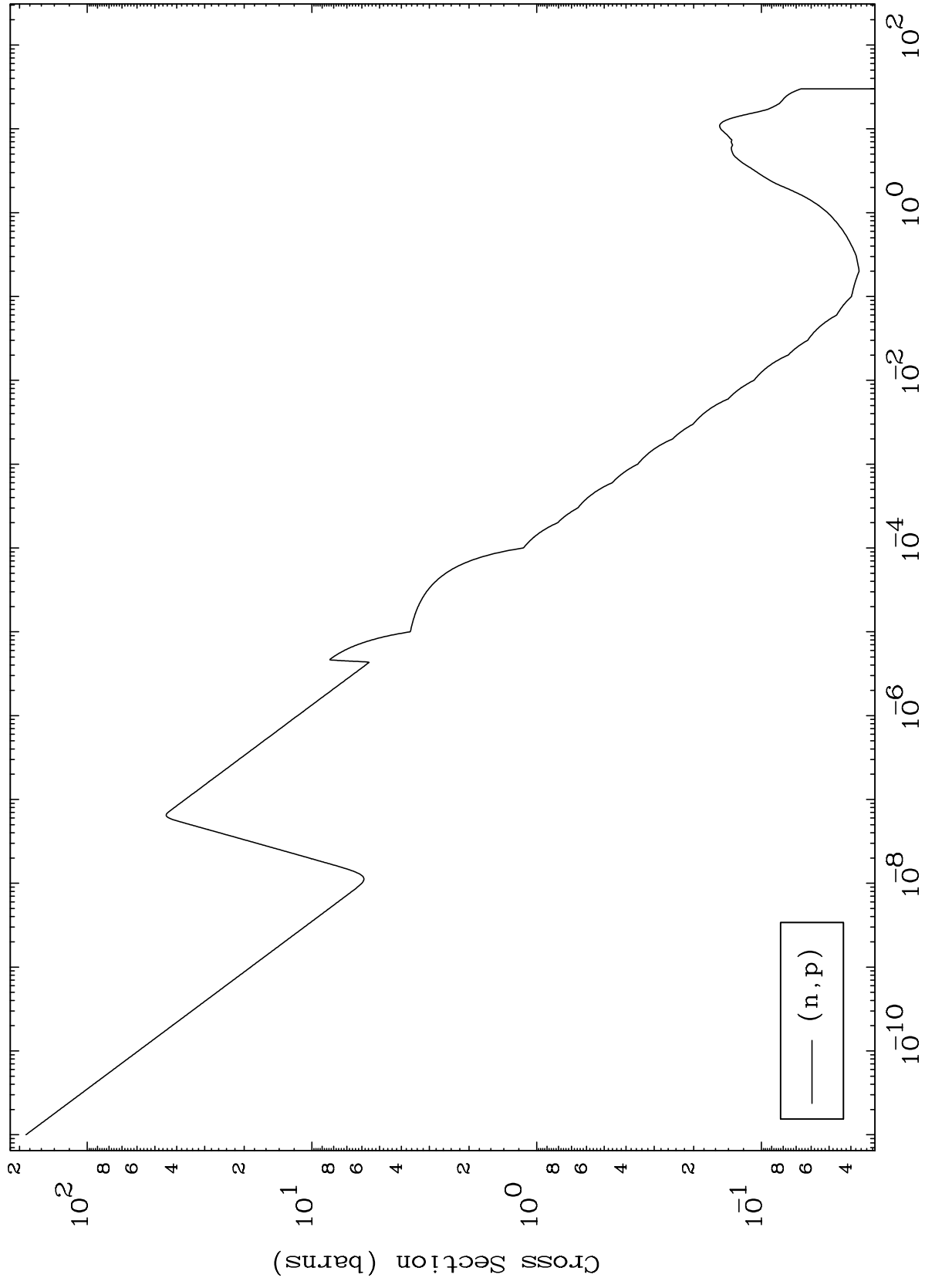




MAT 7992

(n,p) Levels  
293 Kelvin Cross Sections

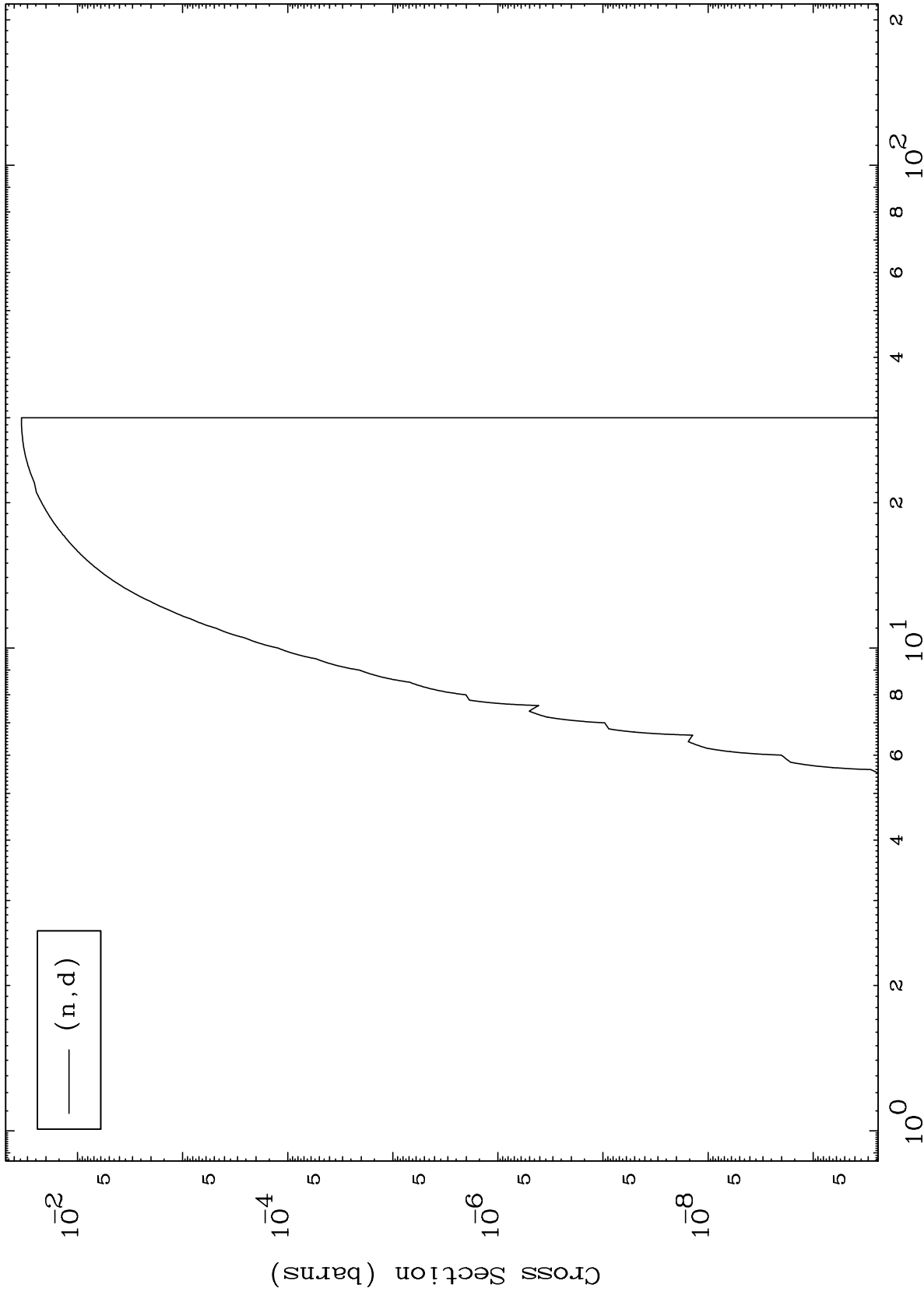
80-Hg-185



MAT 7992

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-185



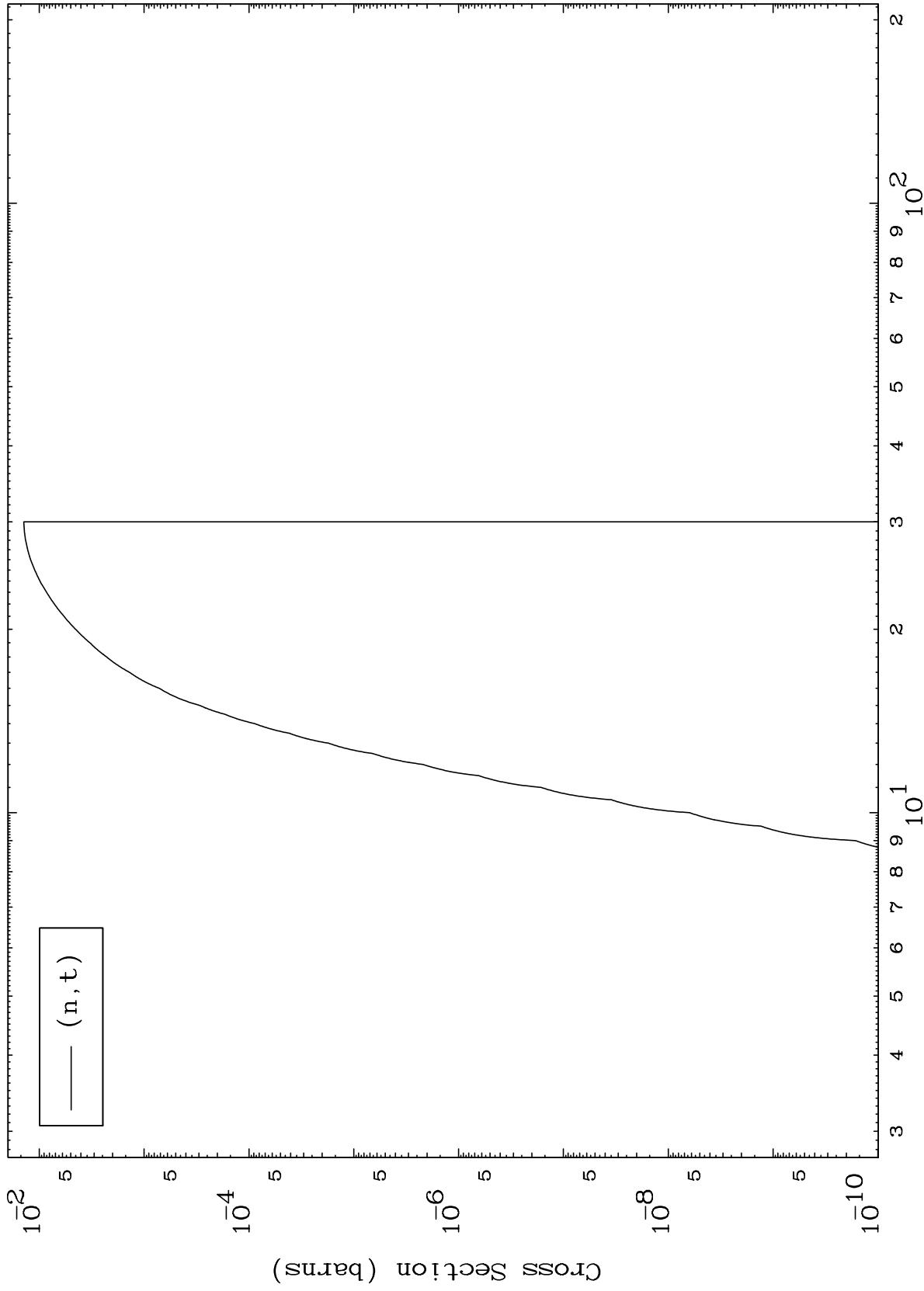
9

80-Hg-185

MAT 7992

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-185



10

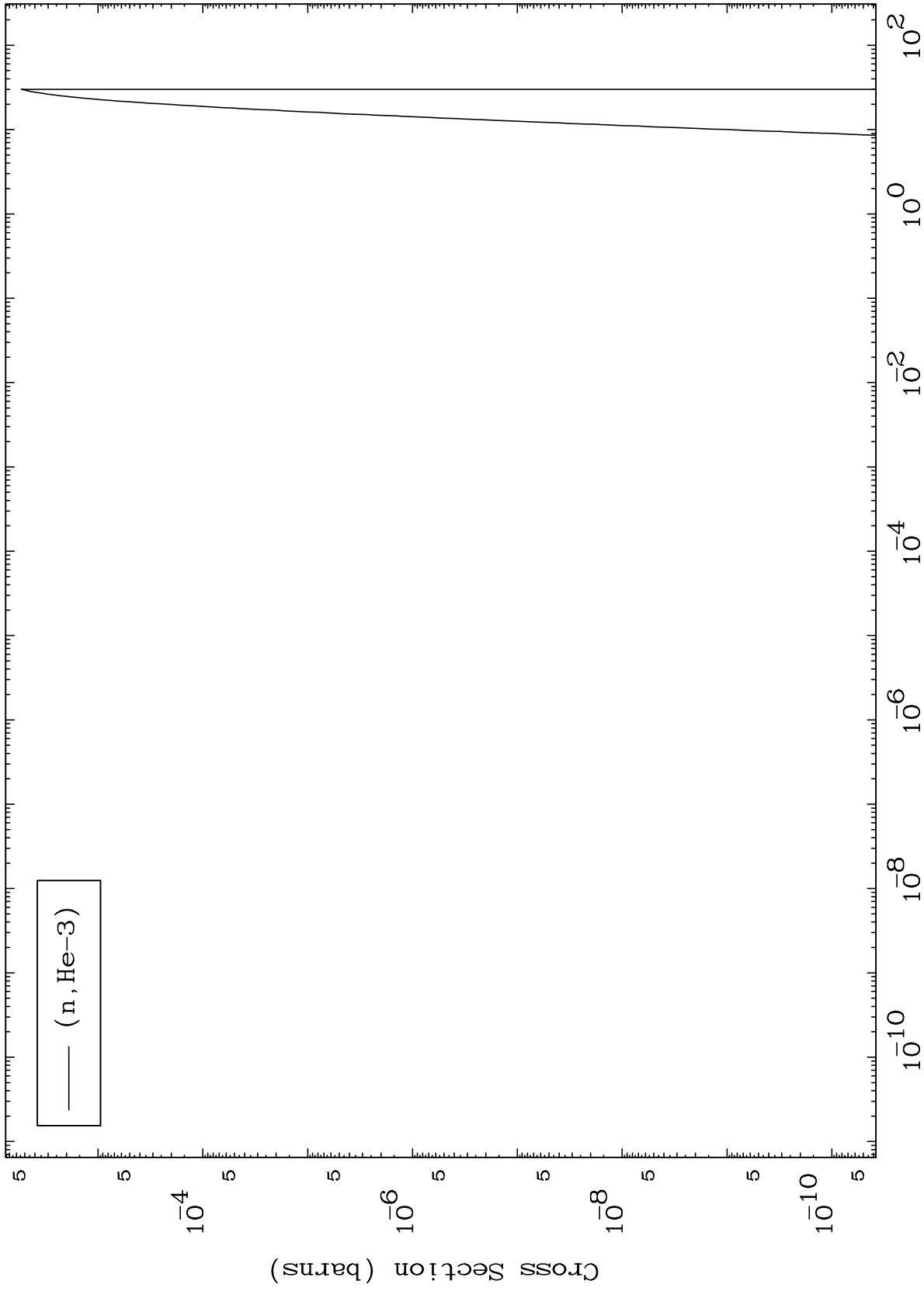
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,He3) Levels  
293 Kelvin Cross Sections

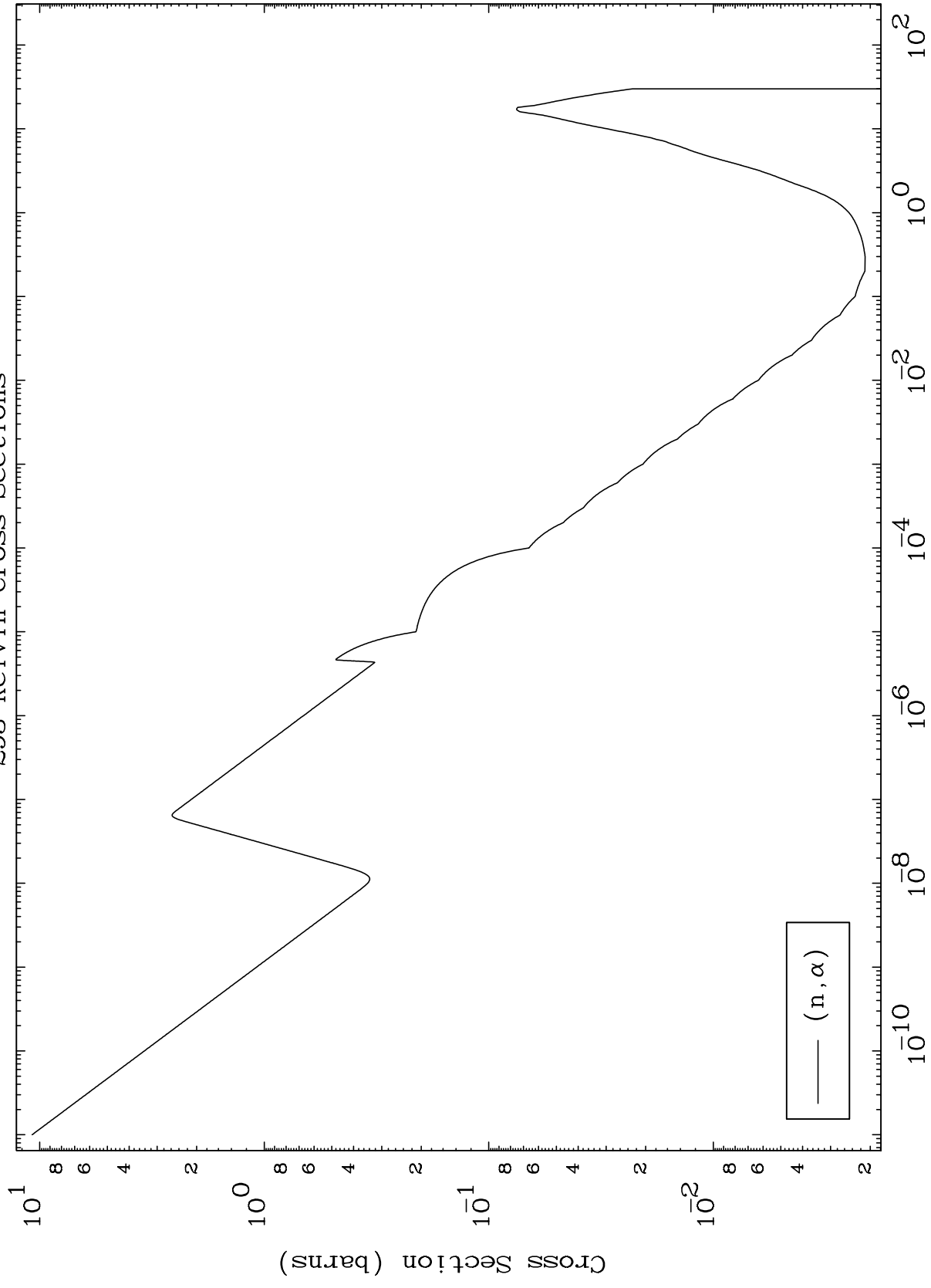
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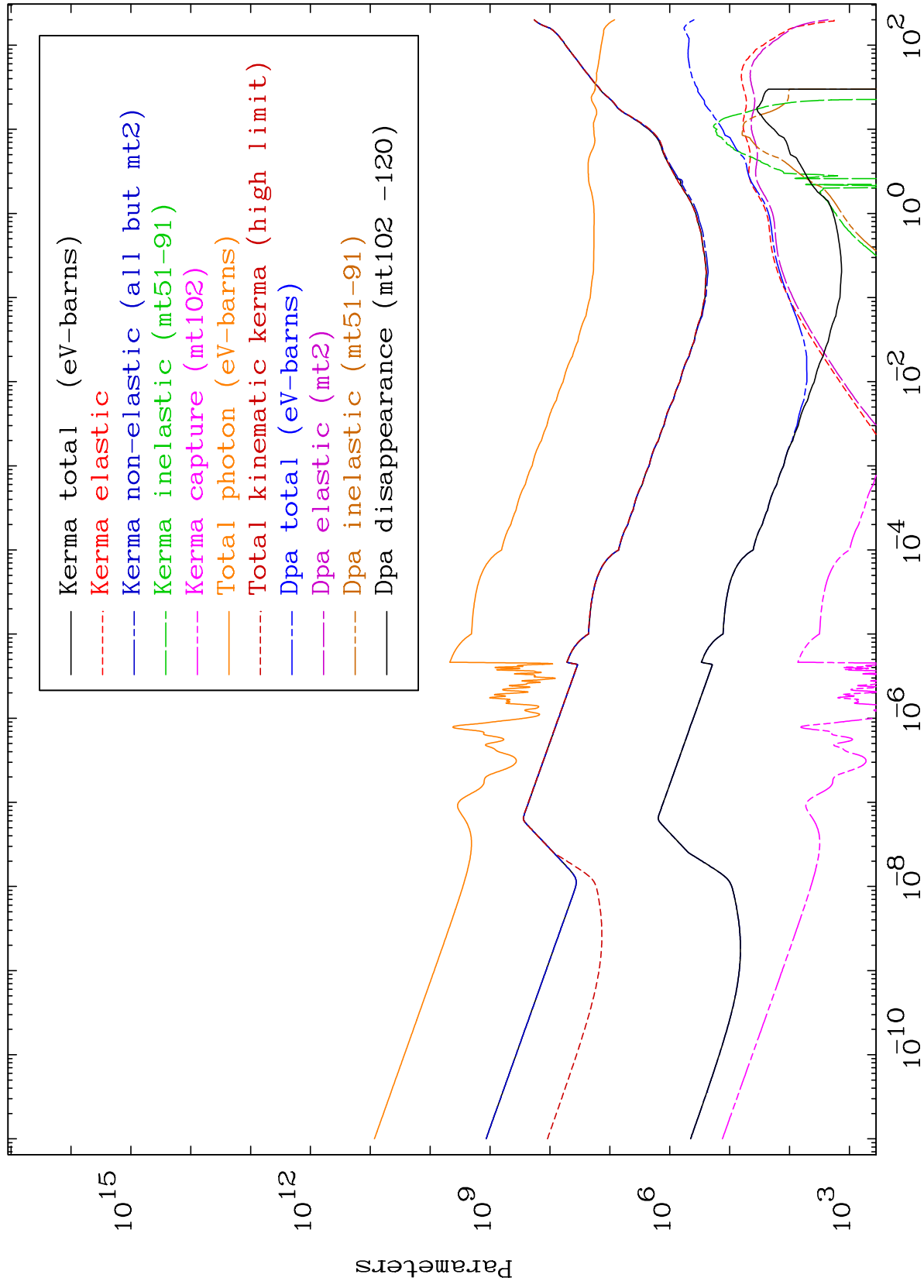


MAT 7992

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-185

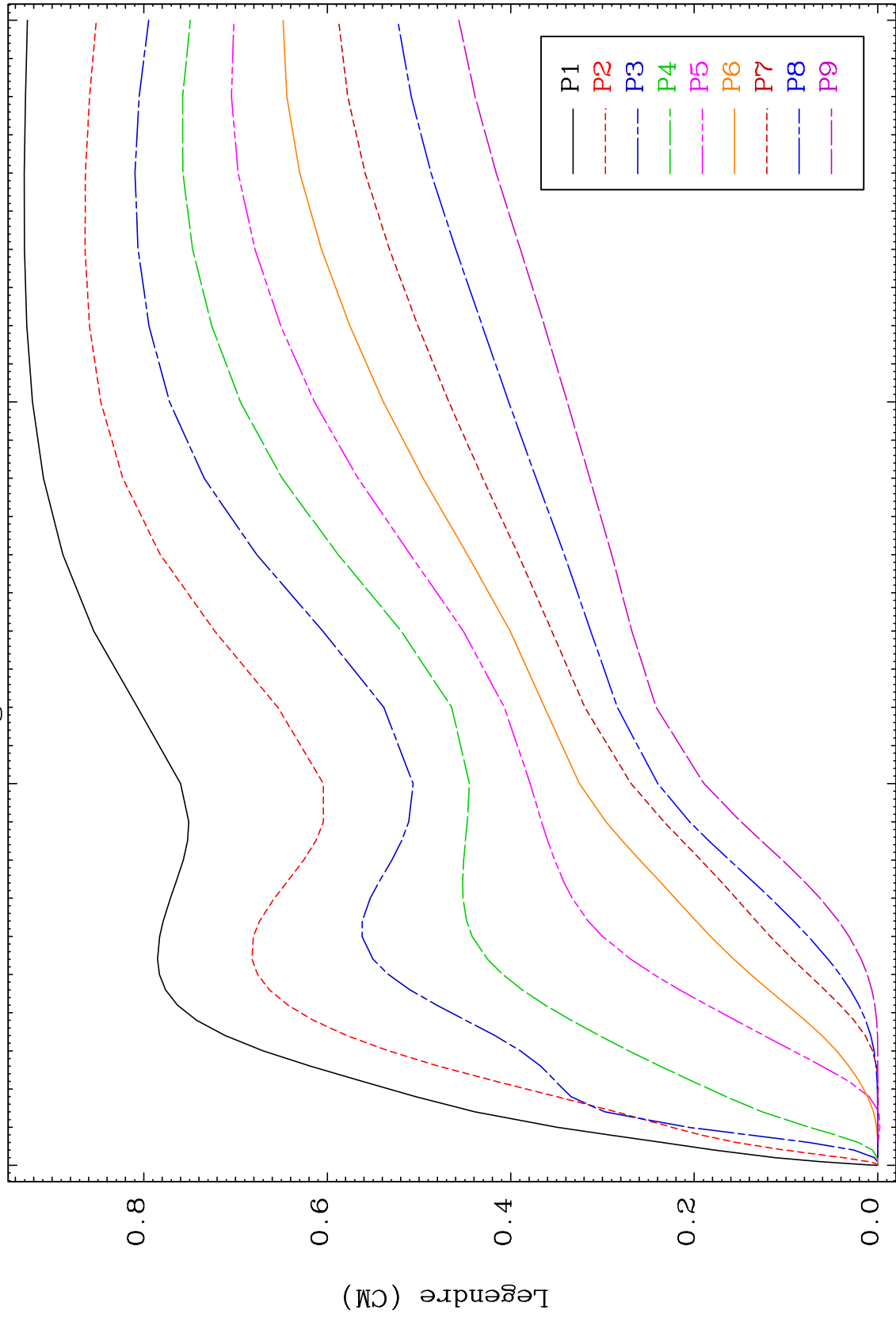




MAT 7992

Elastic Legendre Coefficients

80-Hg-185



14

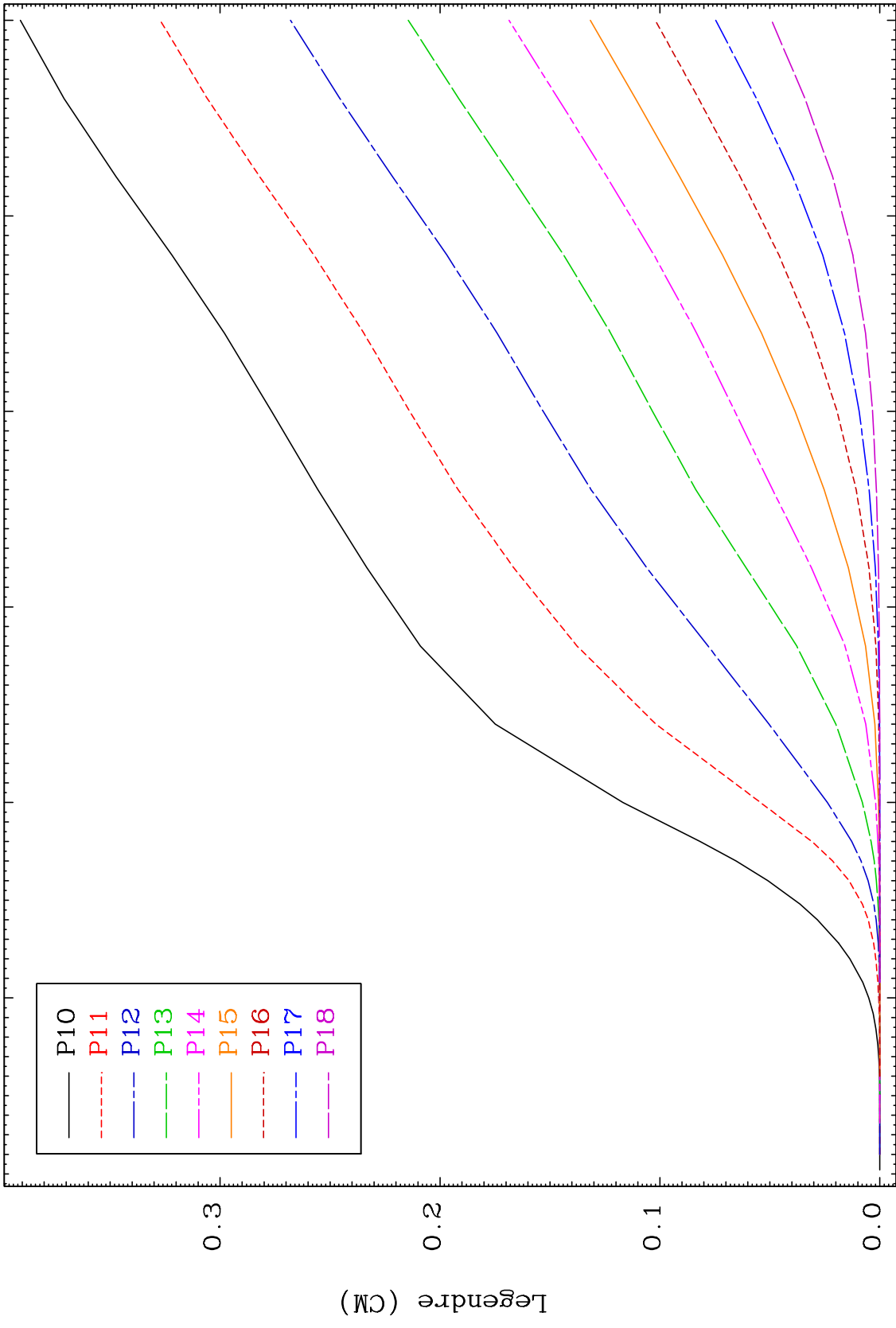
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



15

Incident Energy (MeV)

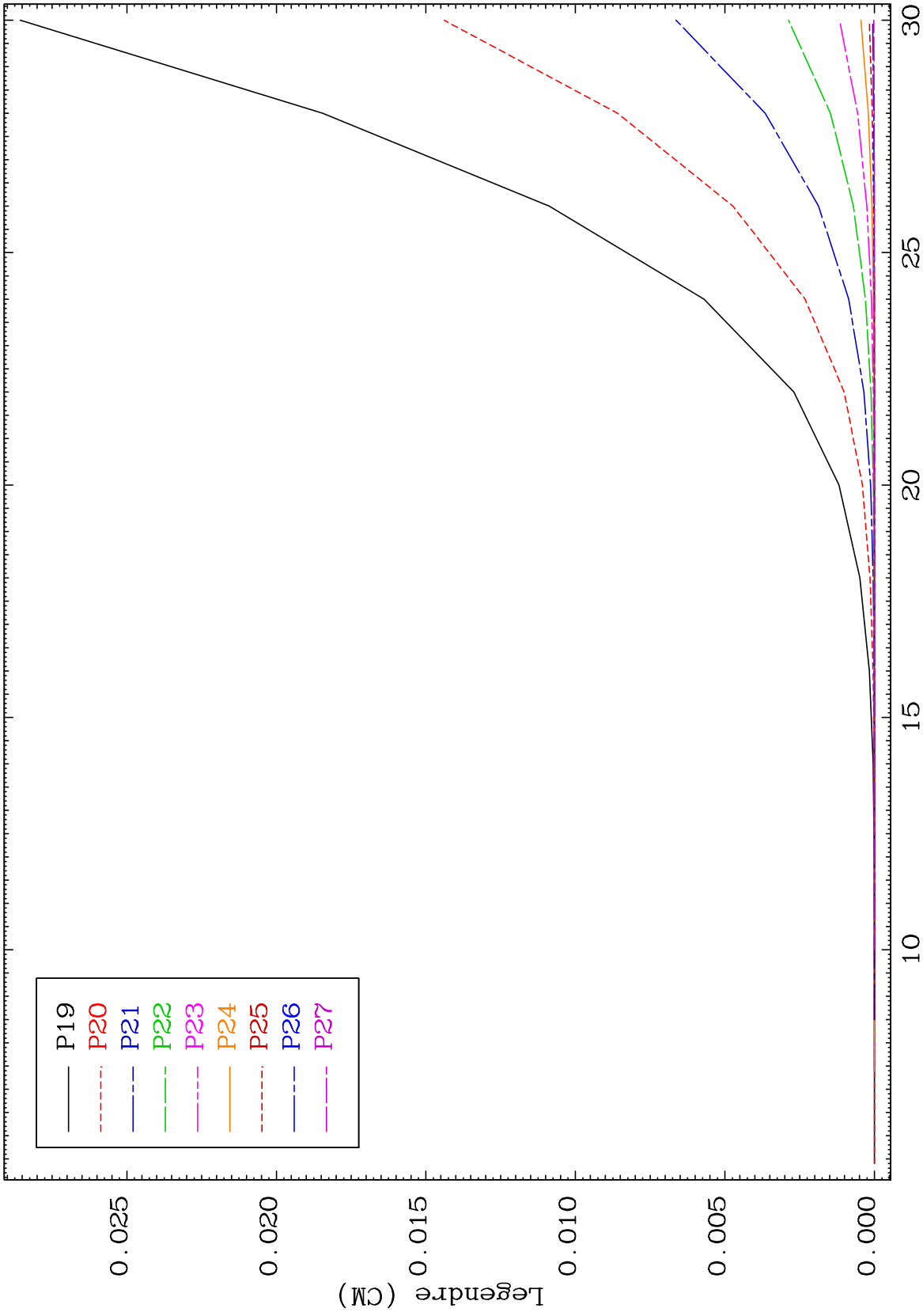
80-Hg-185



MAT 7992

Elastic Legendre Coefficients

80-Hg-185



16

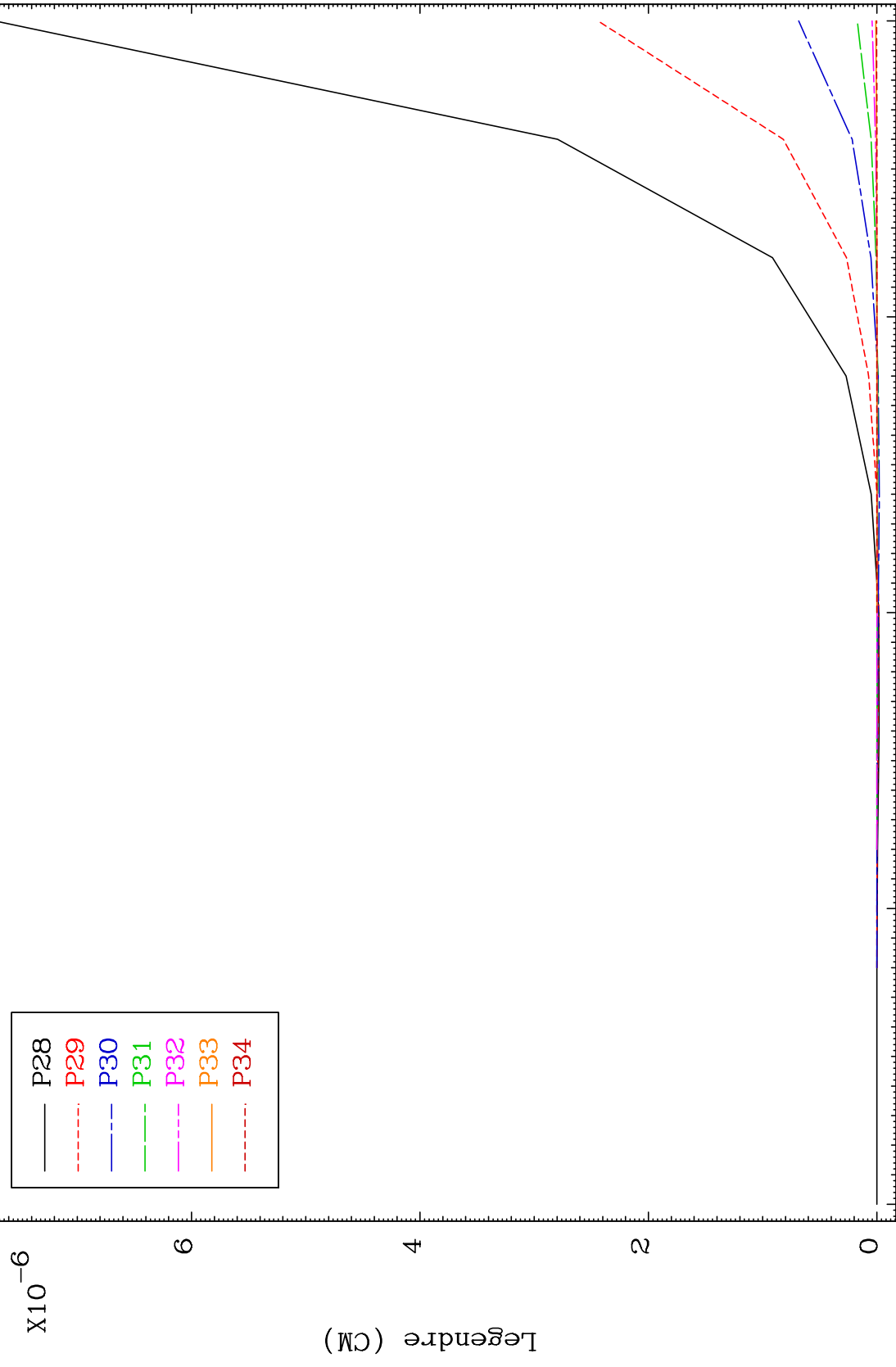
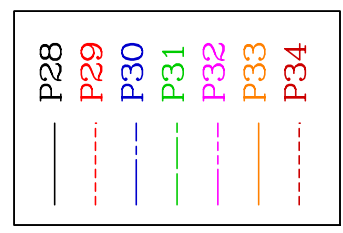
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



17

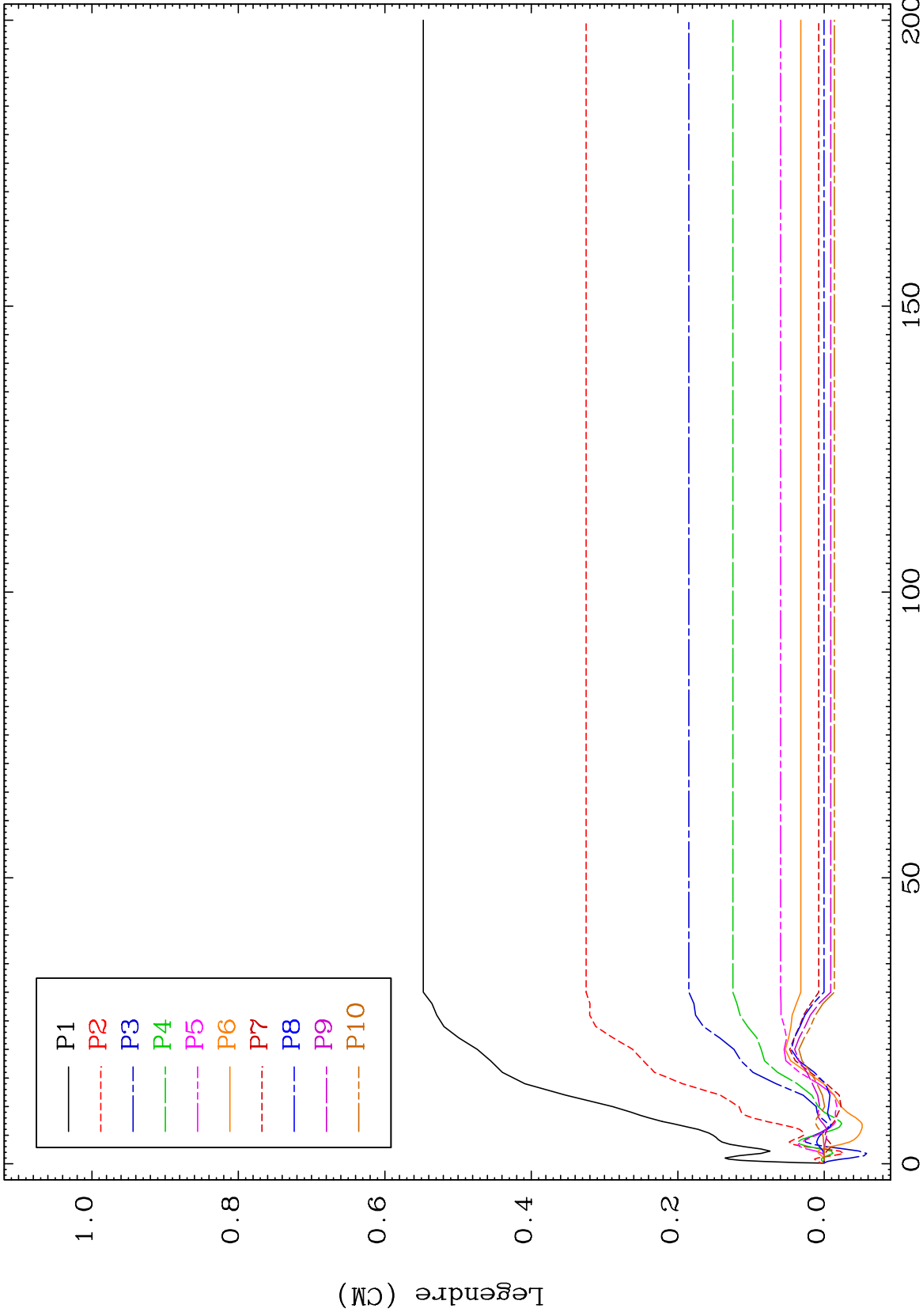
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

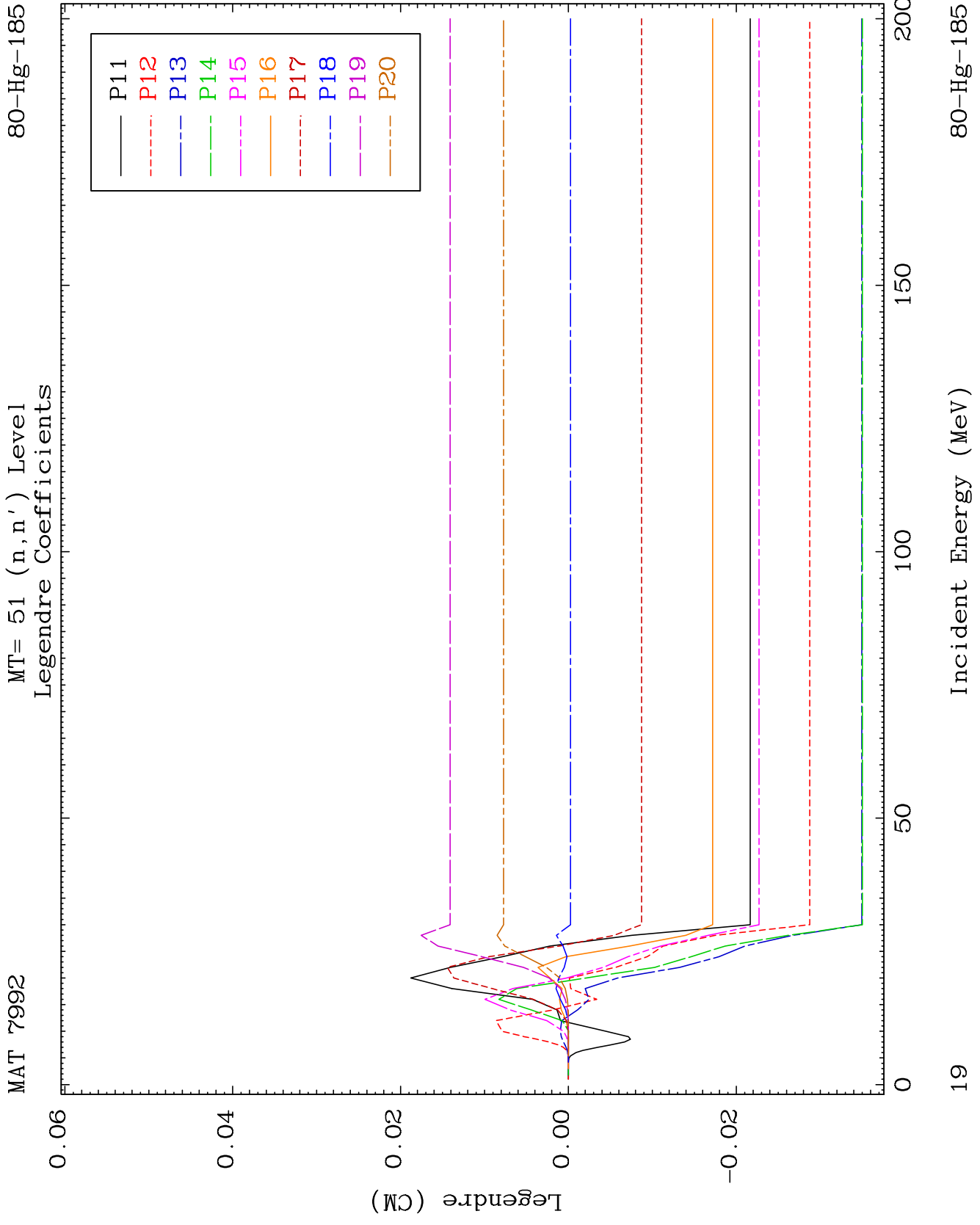
80-Hg-185



18

Incident Energy (MeV)

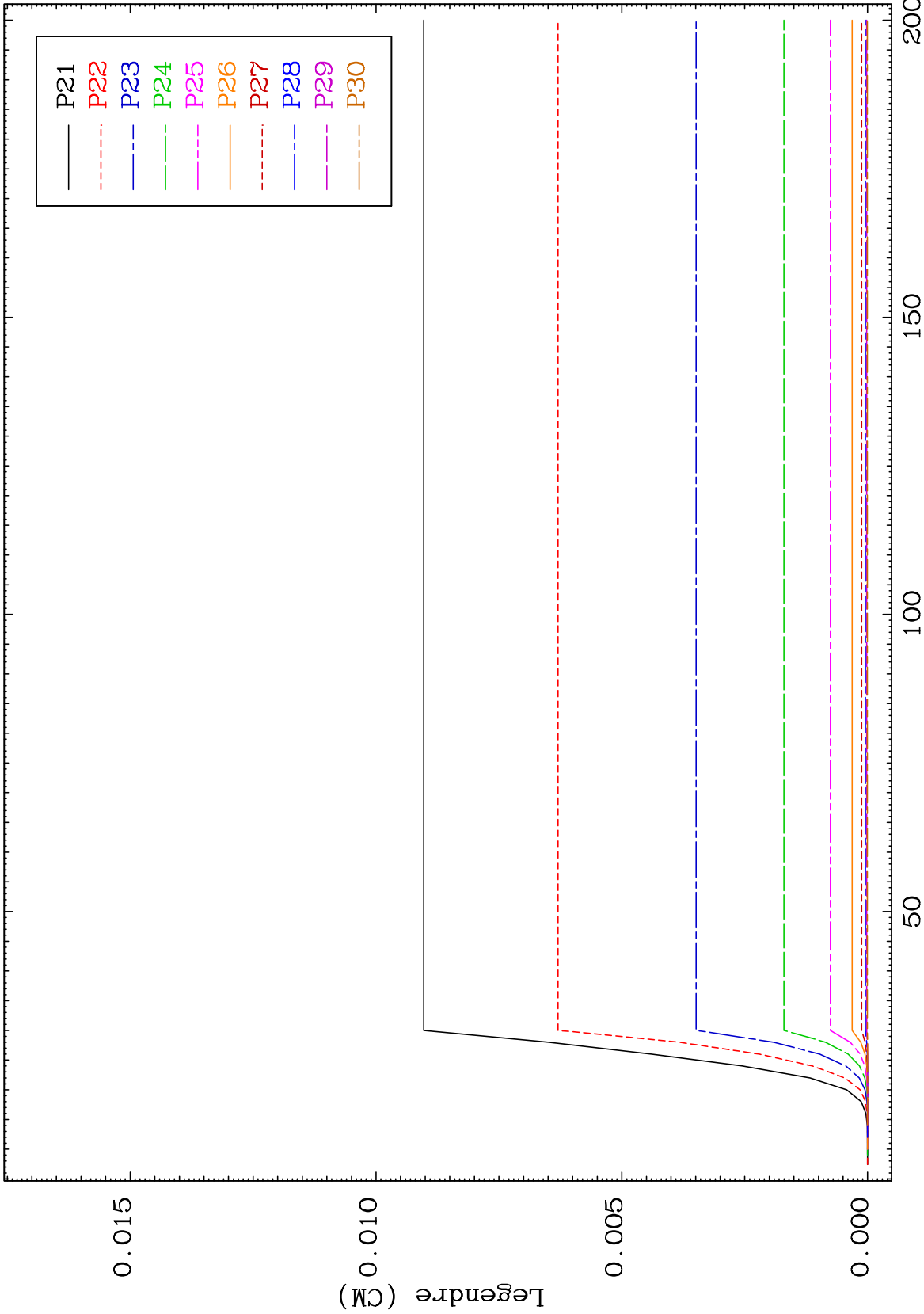
80-Hg-185



MAT 7992

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

80-Hg-185



20

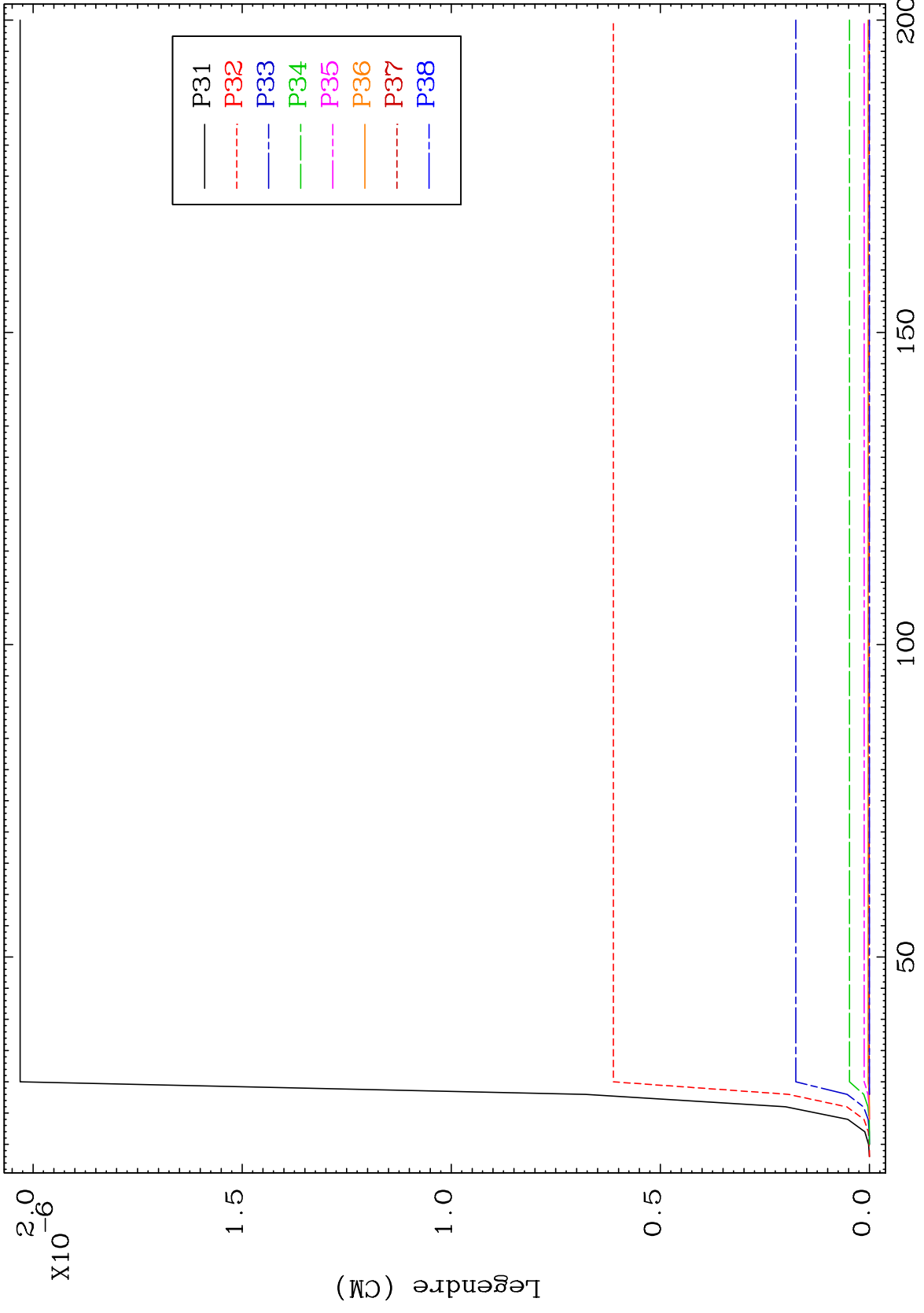
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



21

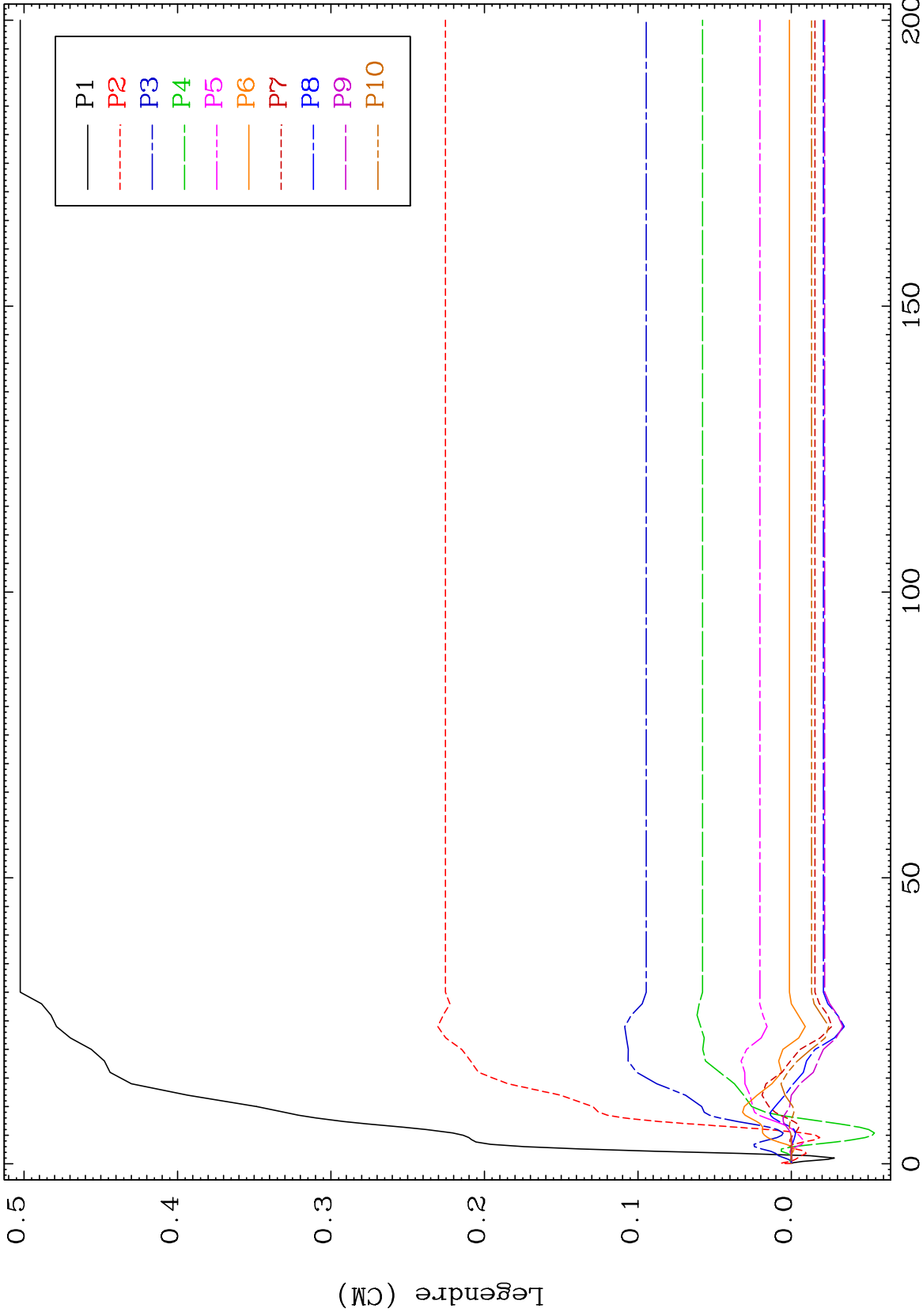
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



22

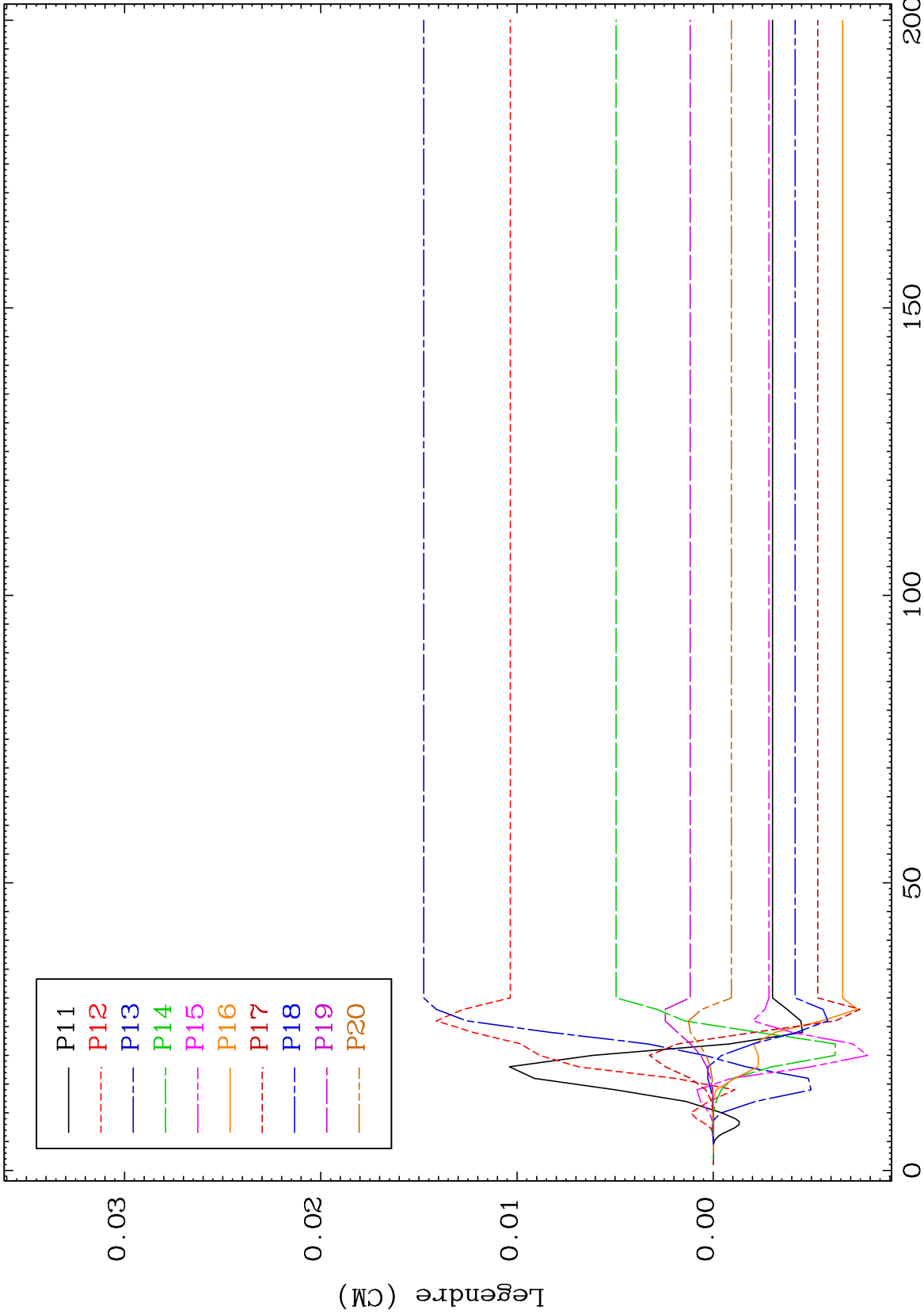
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



23

Incident Energy (MeV)

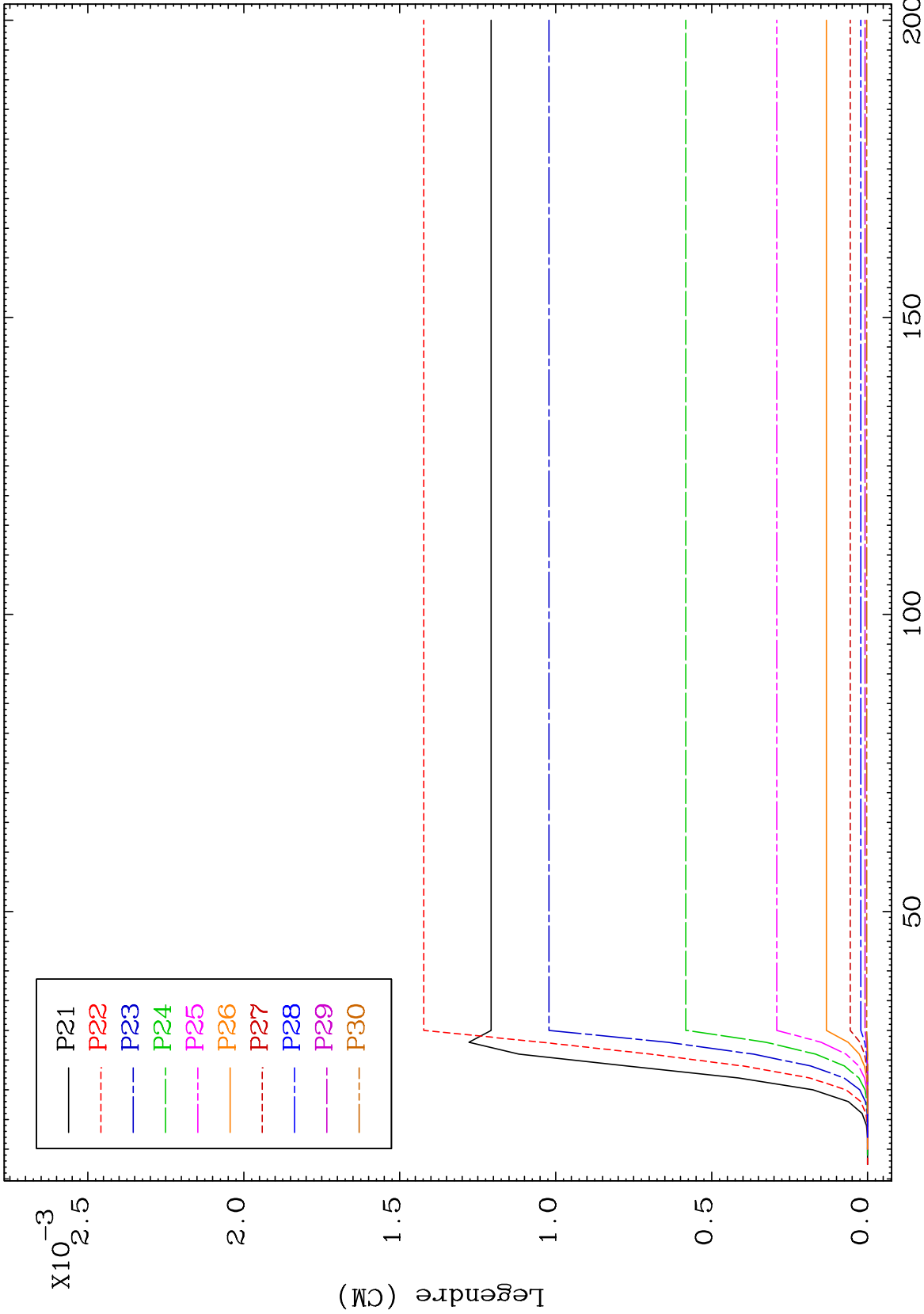
80-Hg-185



MAT 7992

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

80-Hg-185



24

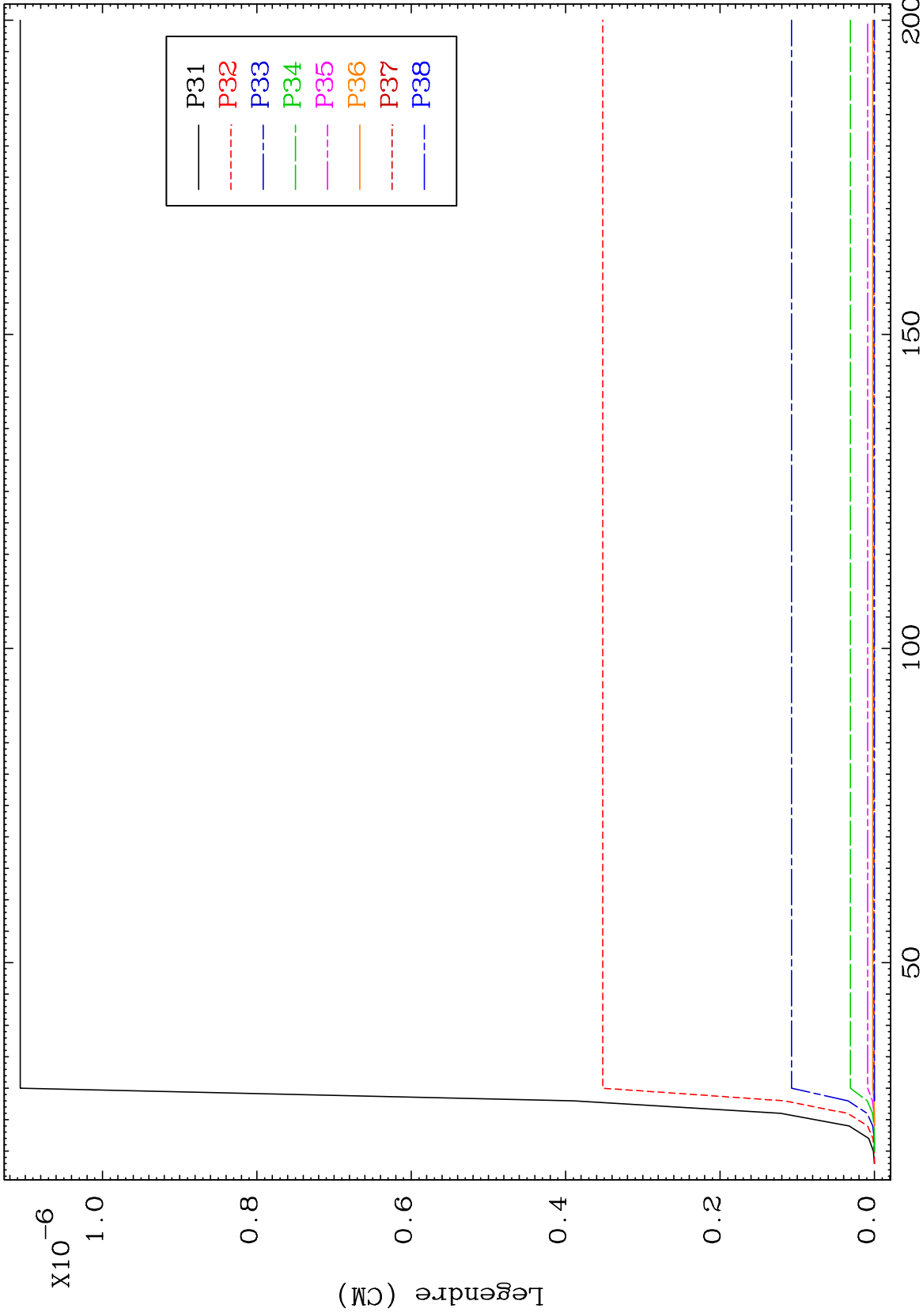
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



25

Incident Energy (MeV)

50

100

150

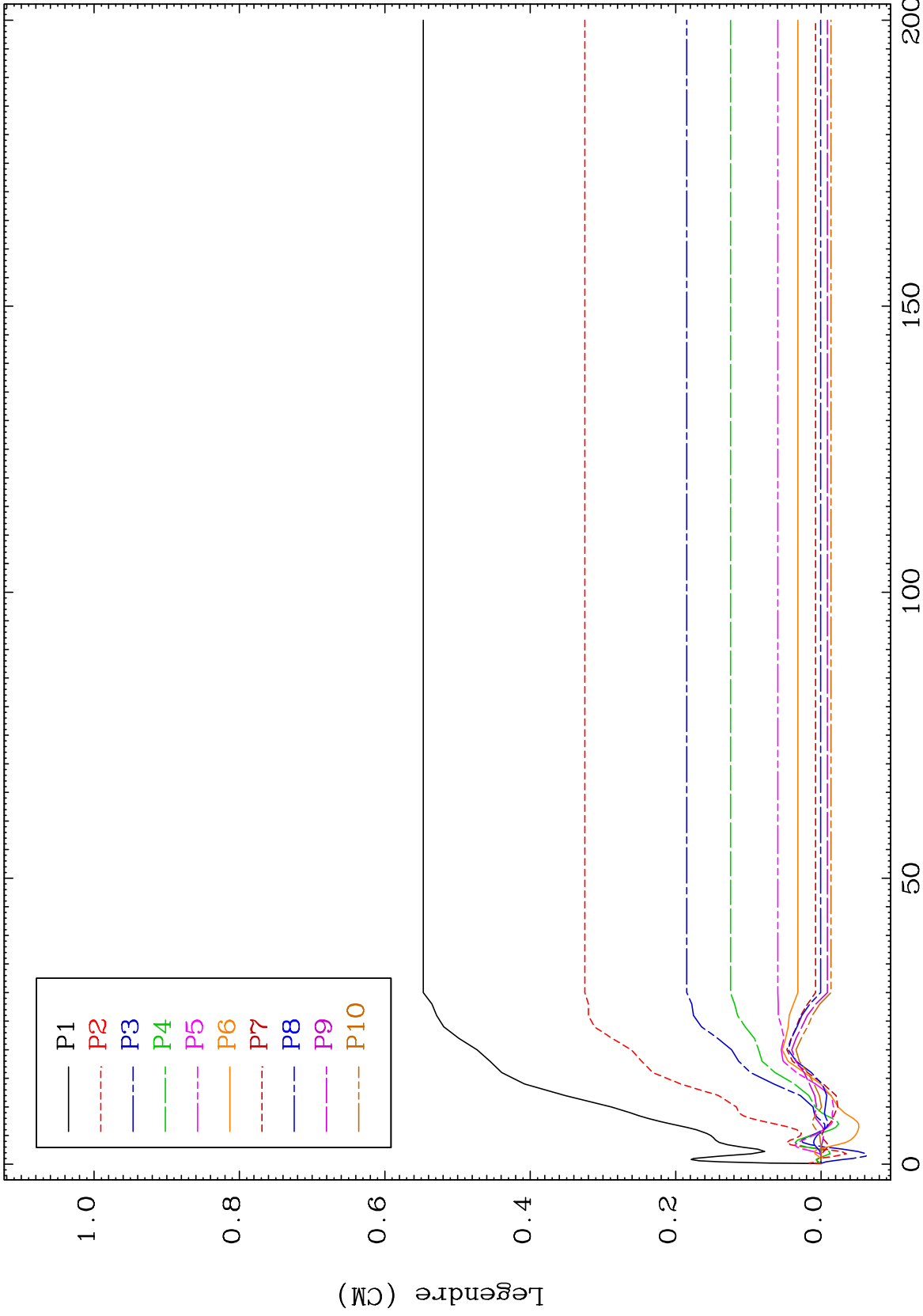
200

80-Hg-185

MAT 7992

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

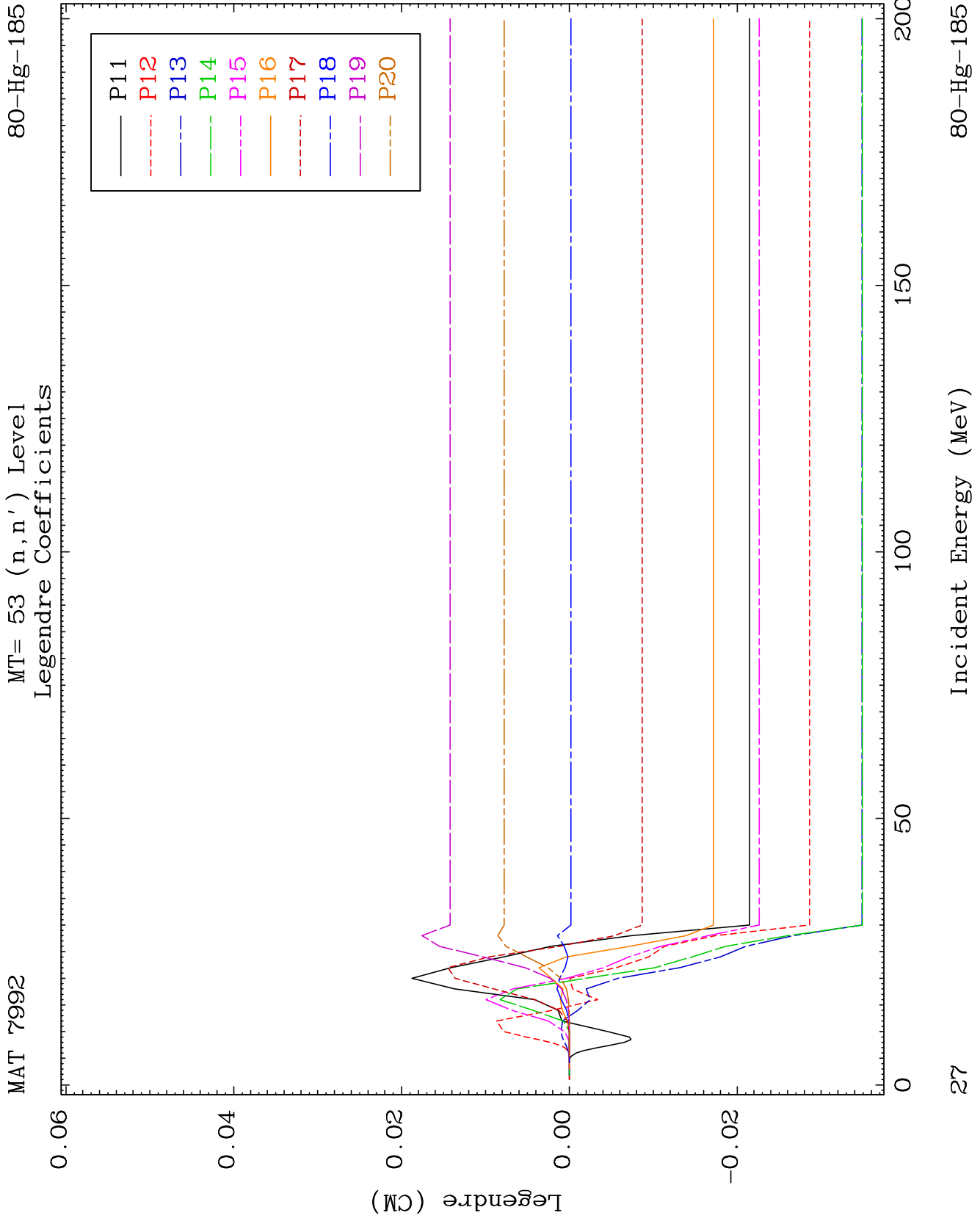
80-Hg-185



26

Incident Energy (MeV)

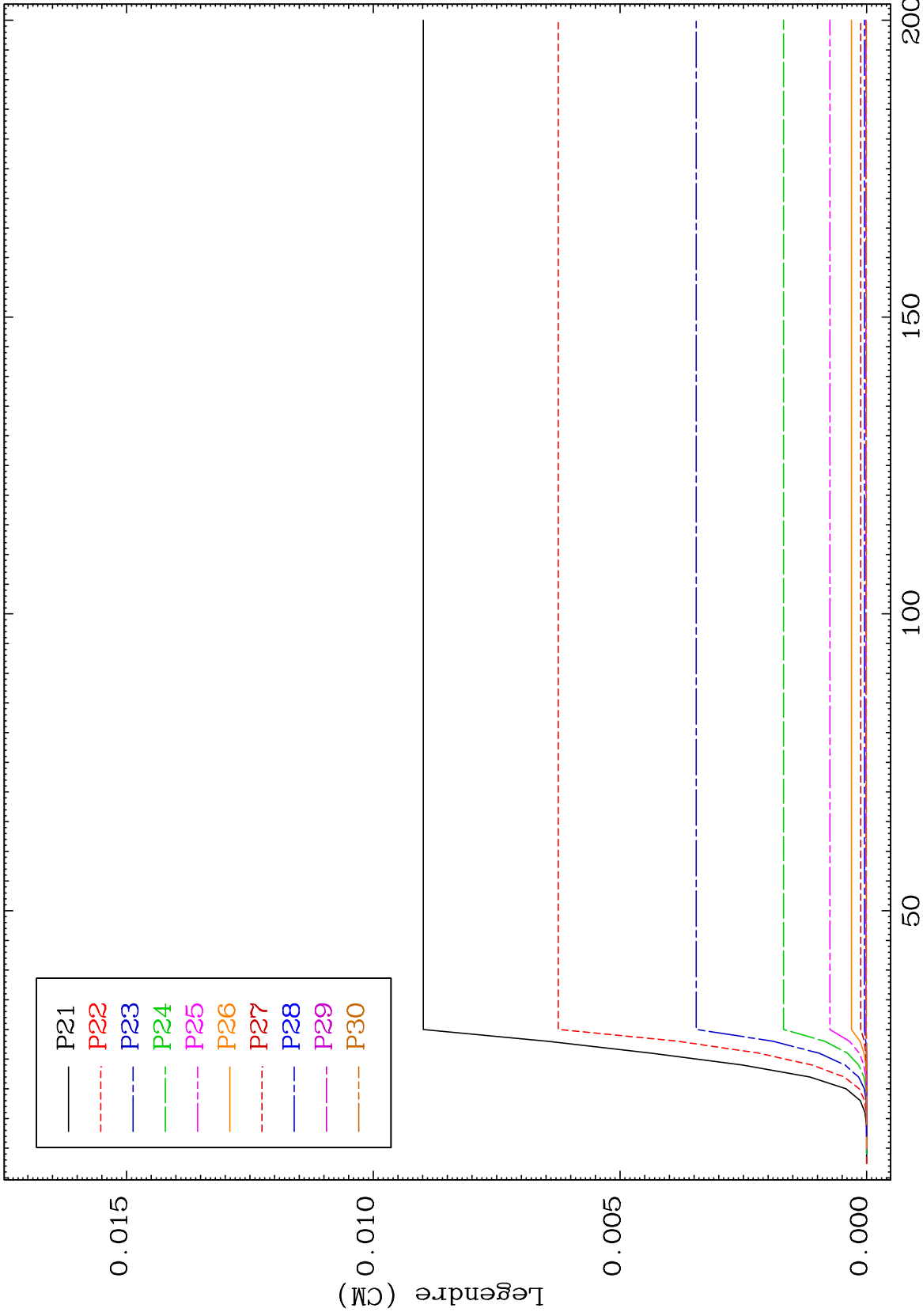
80-Hg-185



MAT 7992

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

80-Hg-185



28

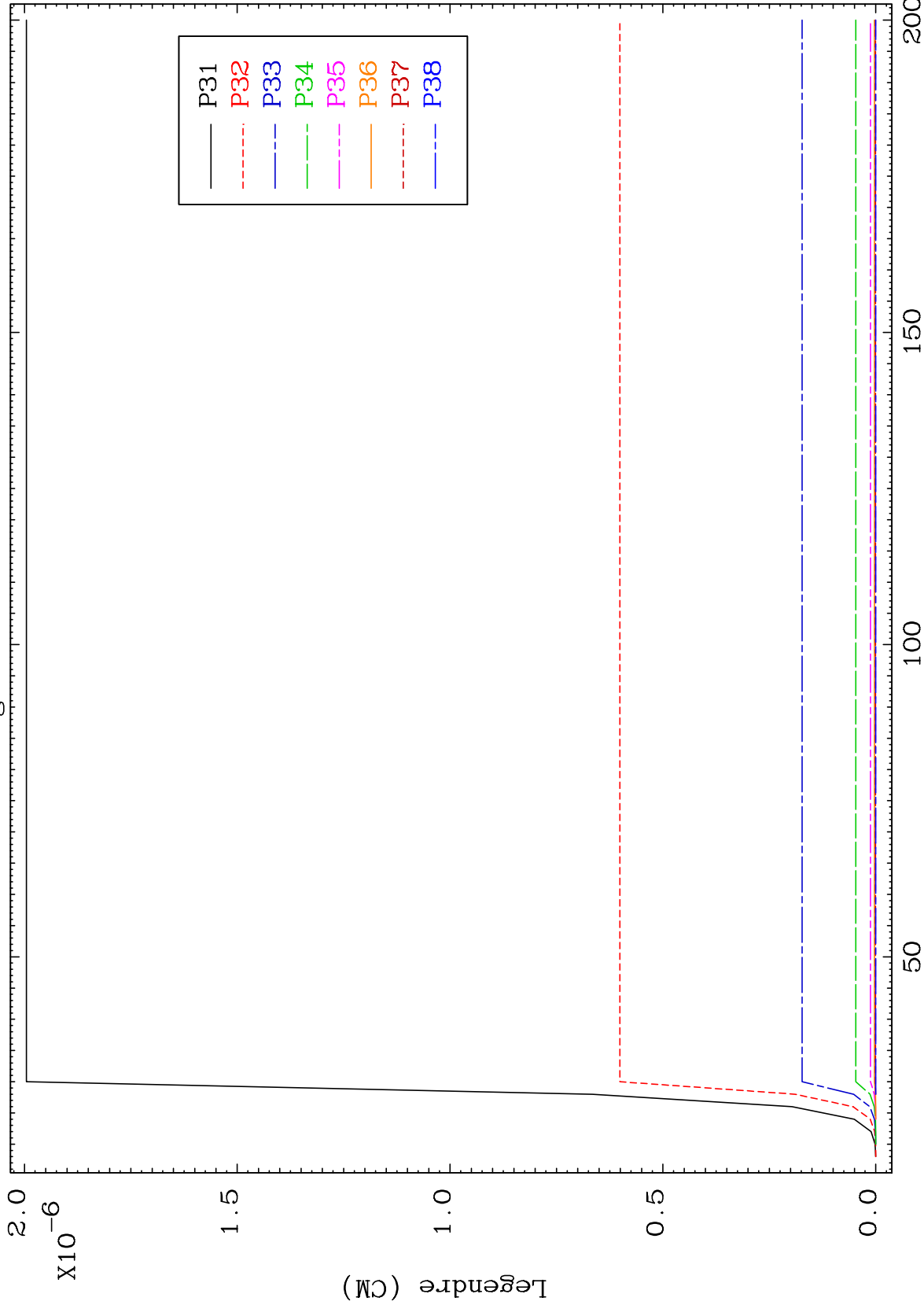
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



29

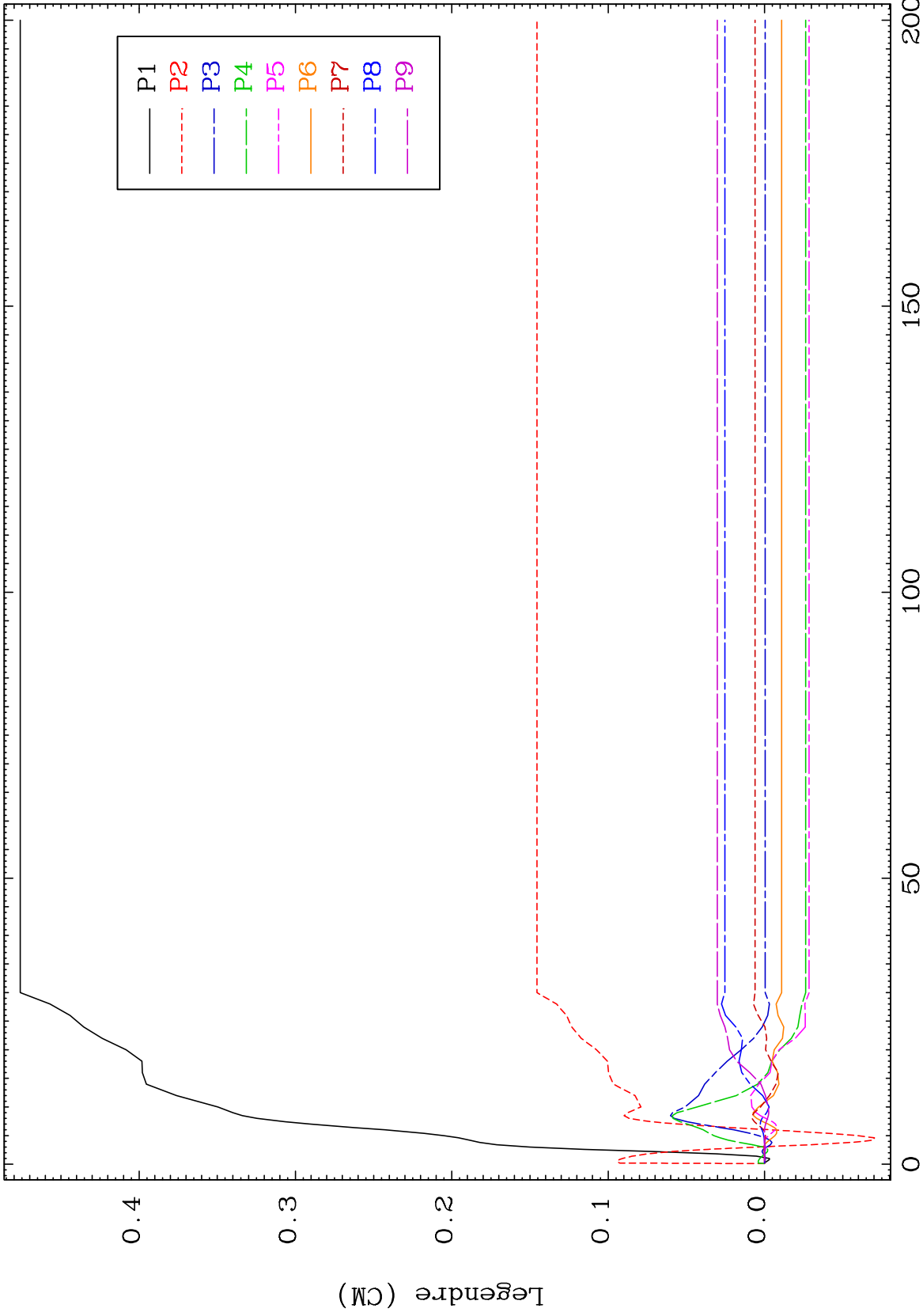
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



80-Hg-185

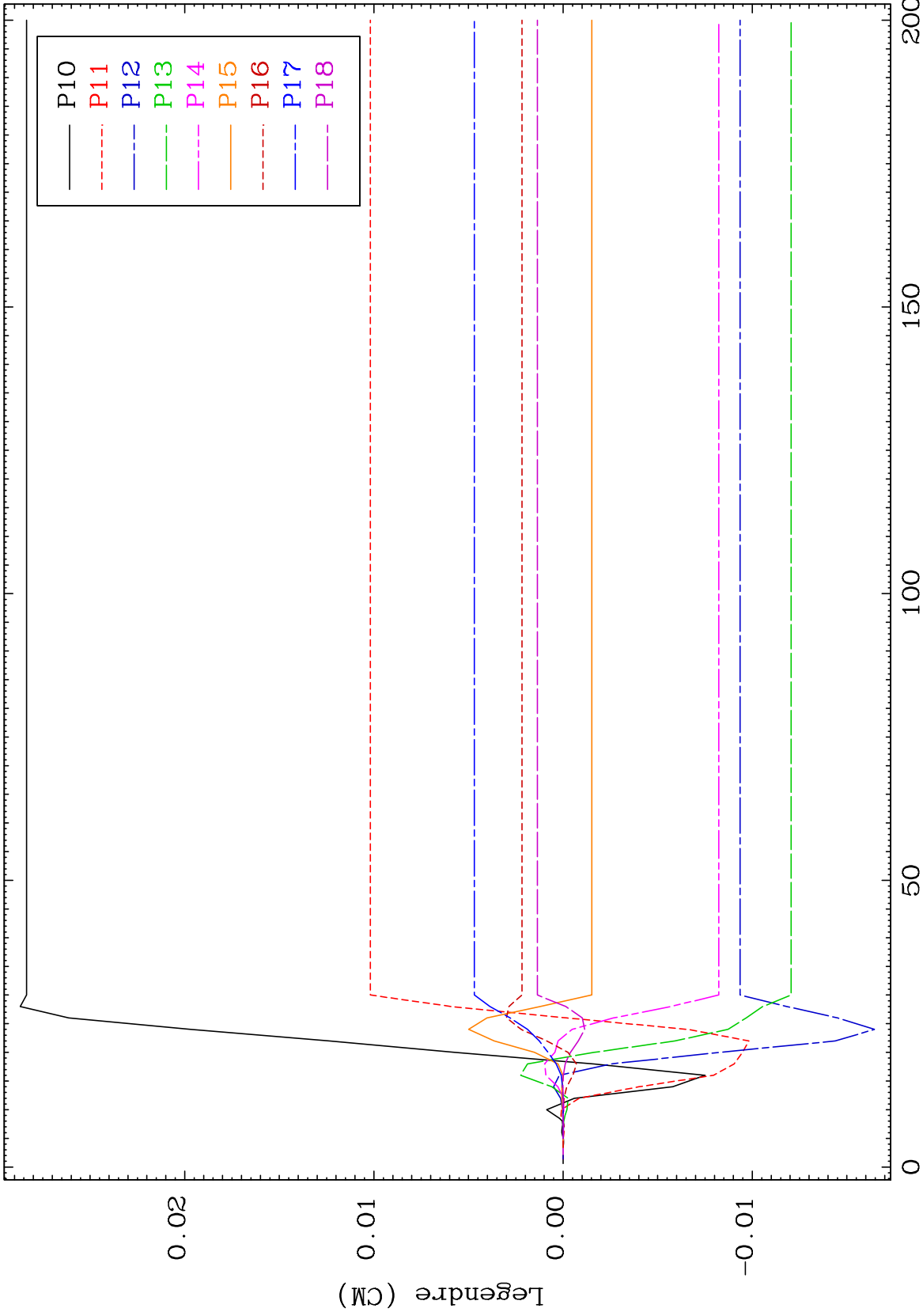
Incident Energy (MeV)

30

MAT 7992

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

80-Hg-185



31

Incident Energy (MeV)

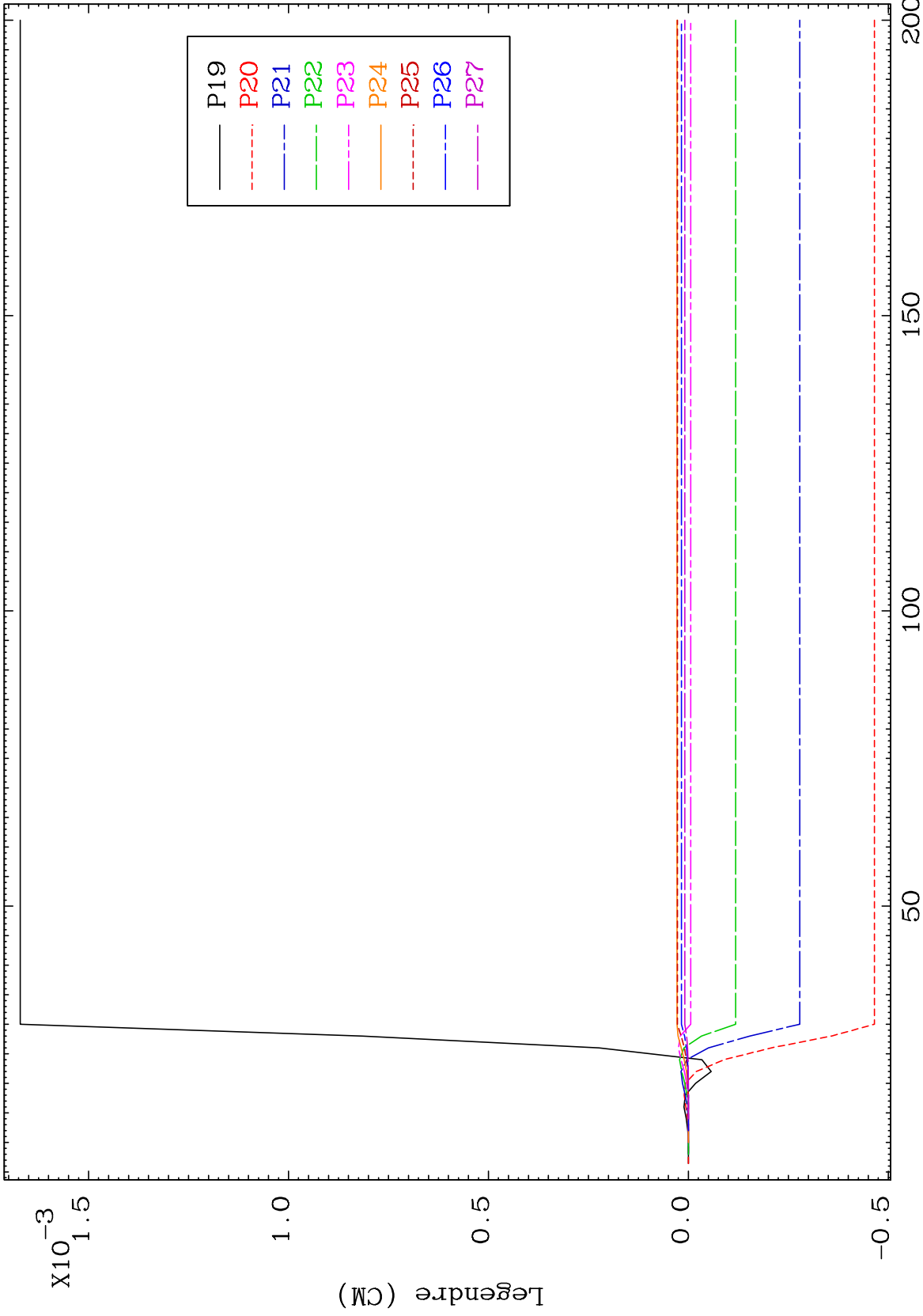
80-Hg-185



MAT 7992

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

80-Hg-185



32

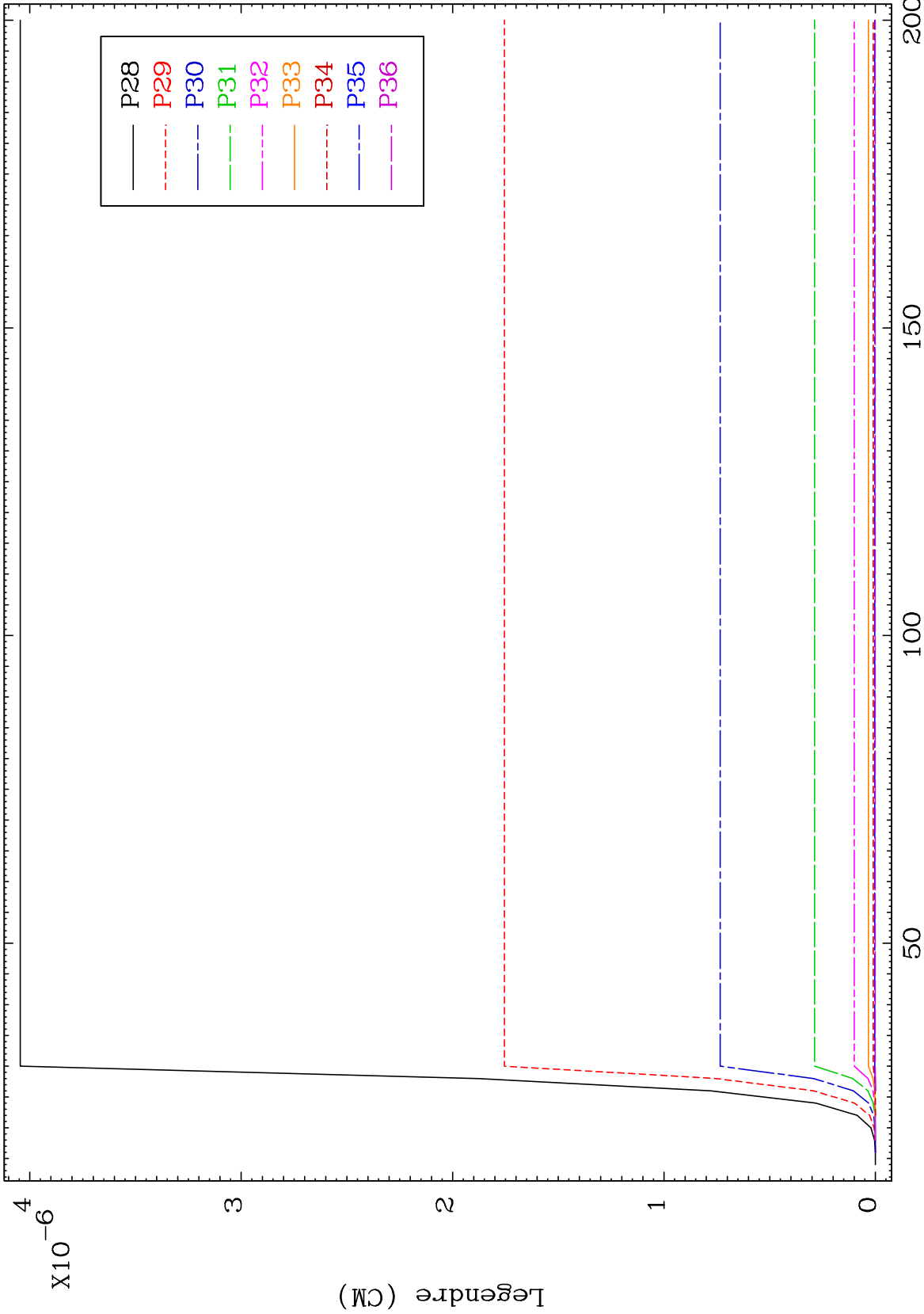
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



33

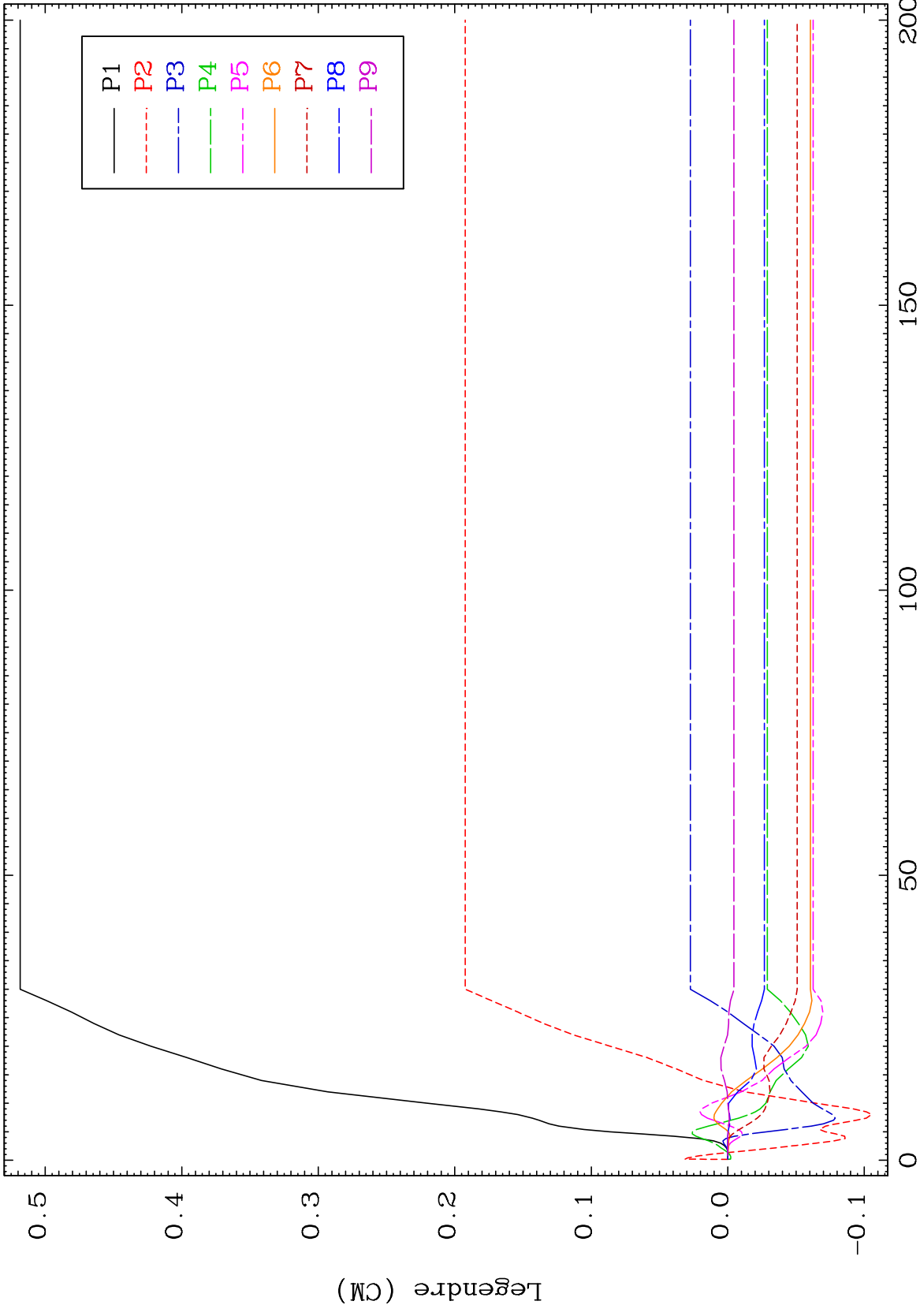
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



34

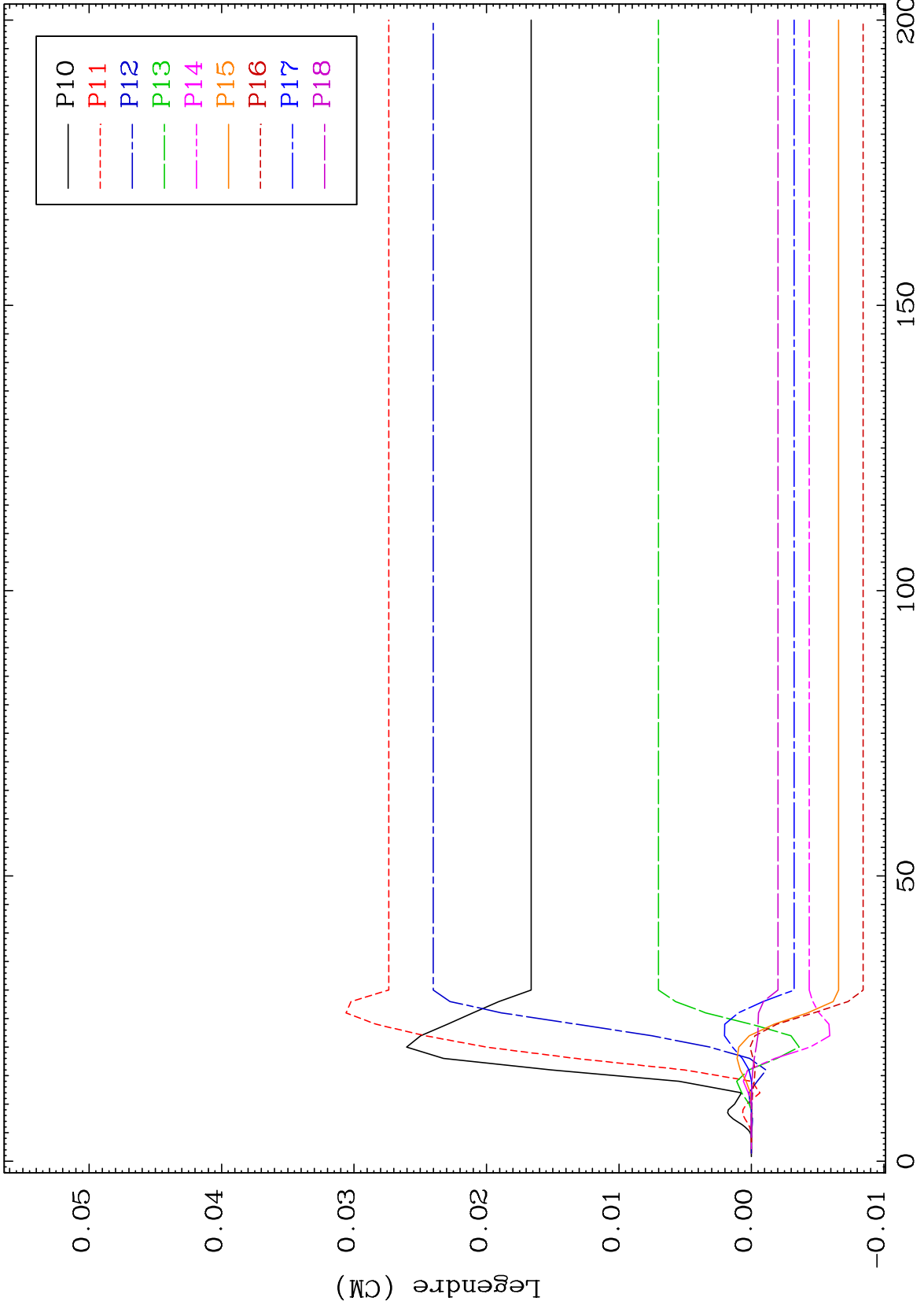
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



35

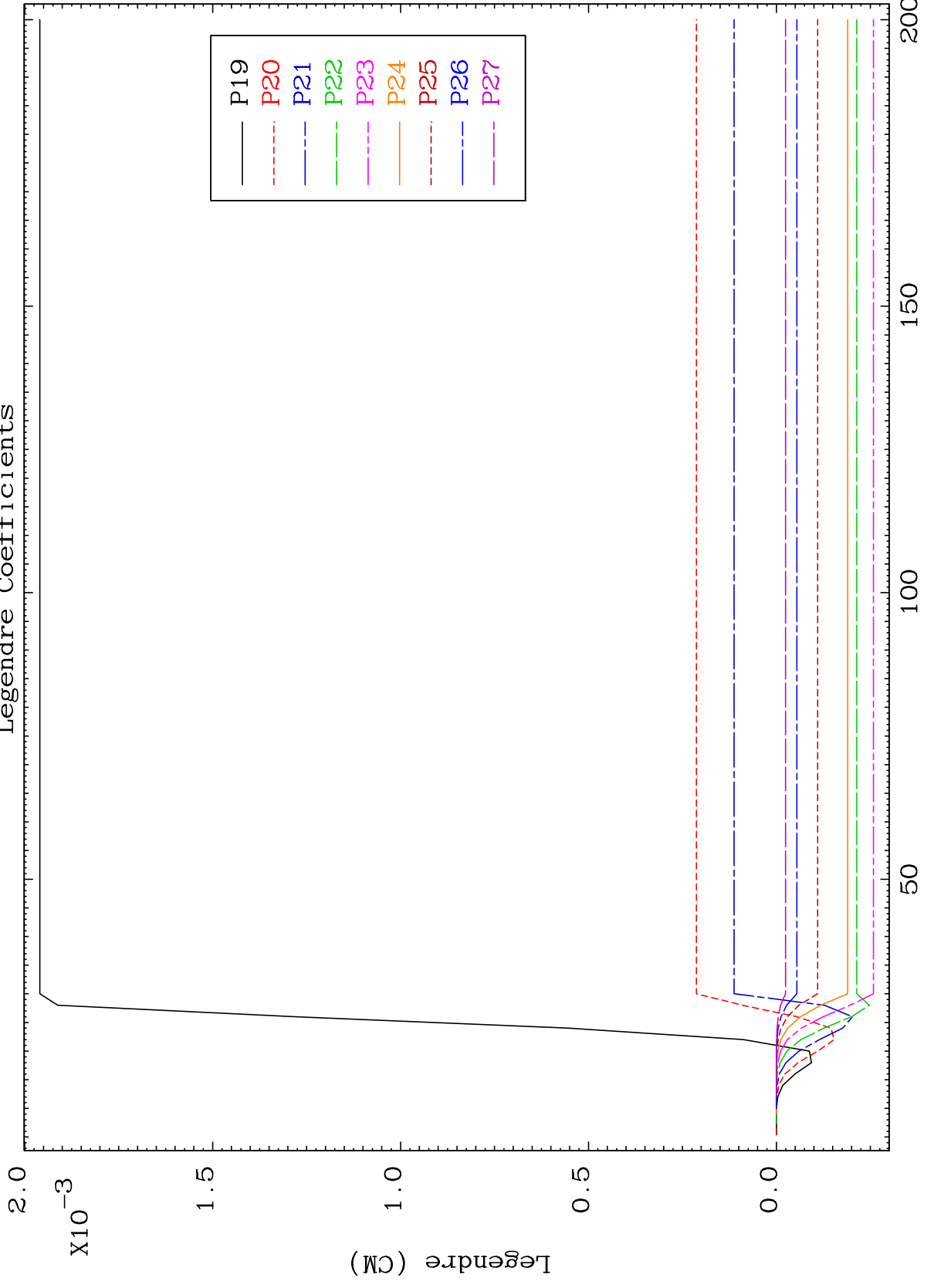
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



80-Hg-185

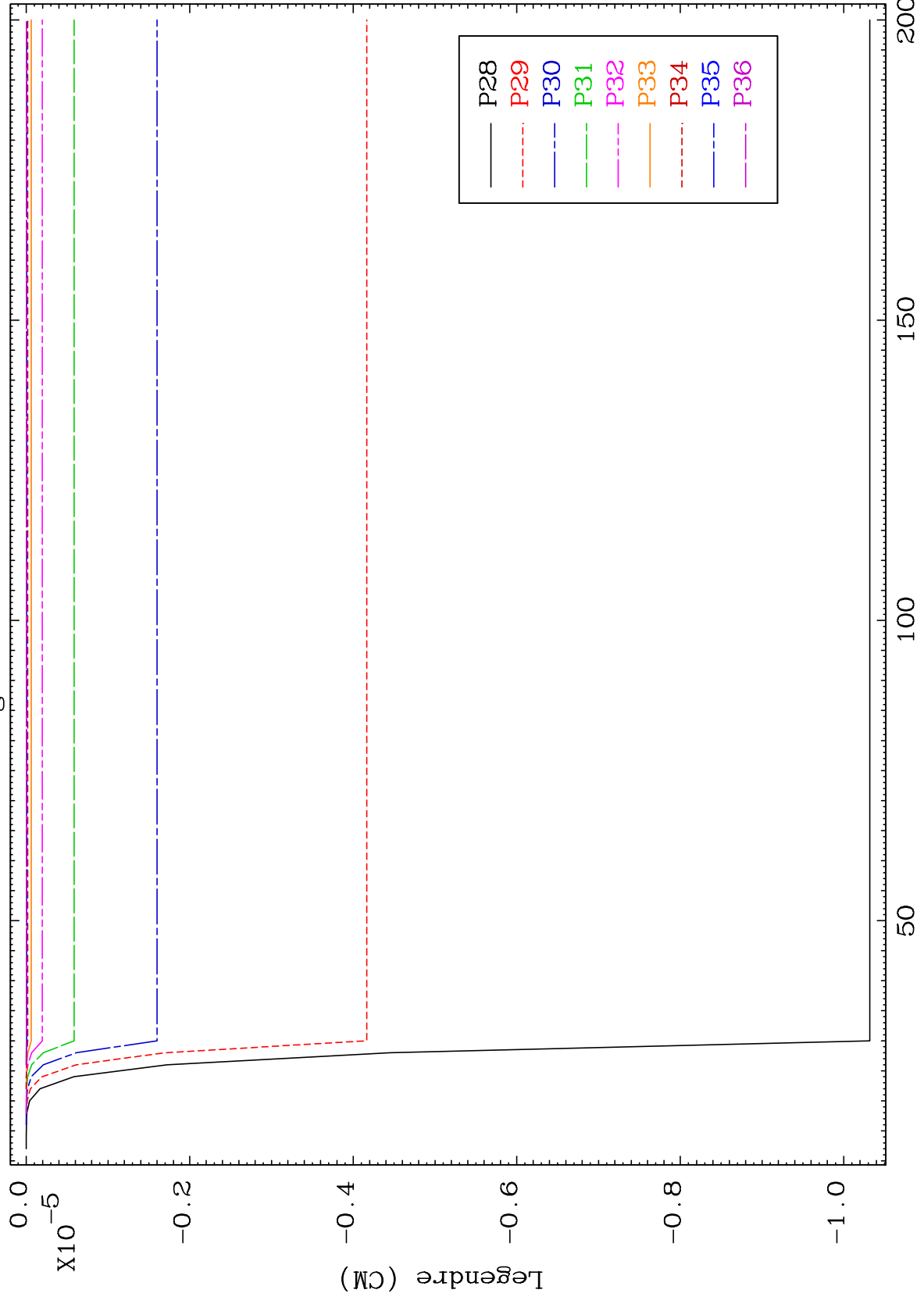
Incident Energy (MeV)

36

MAT 7992

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

80-Hg-185



80-Hg-185

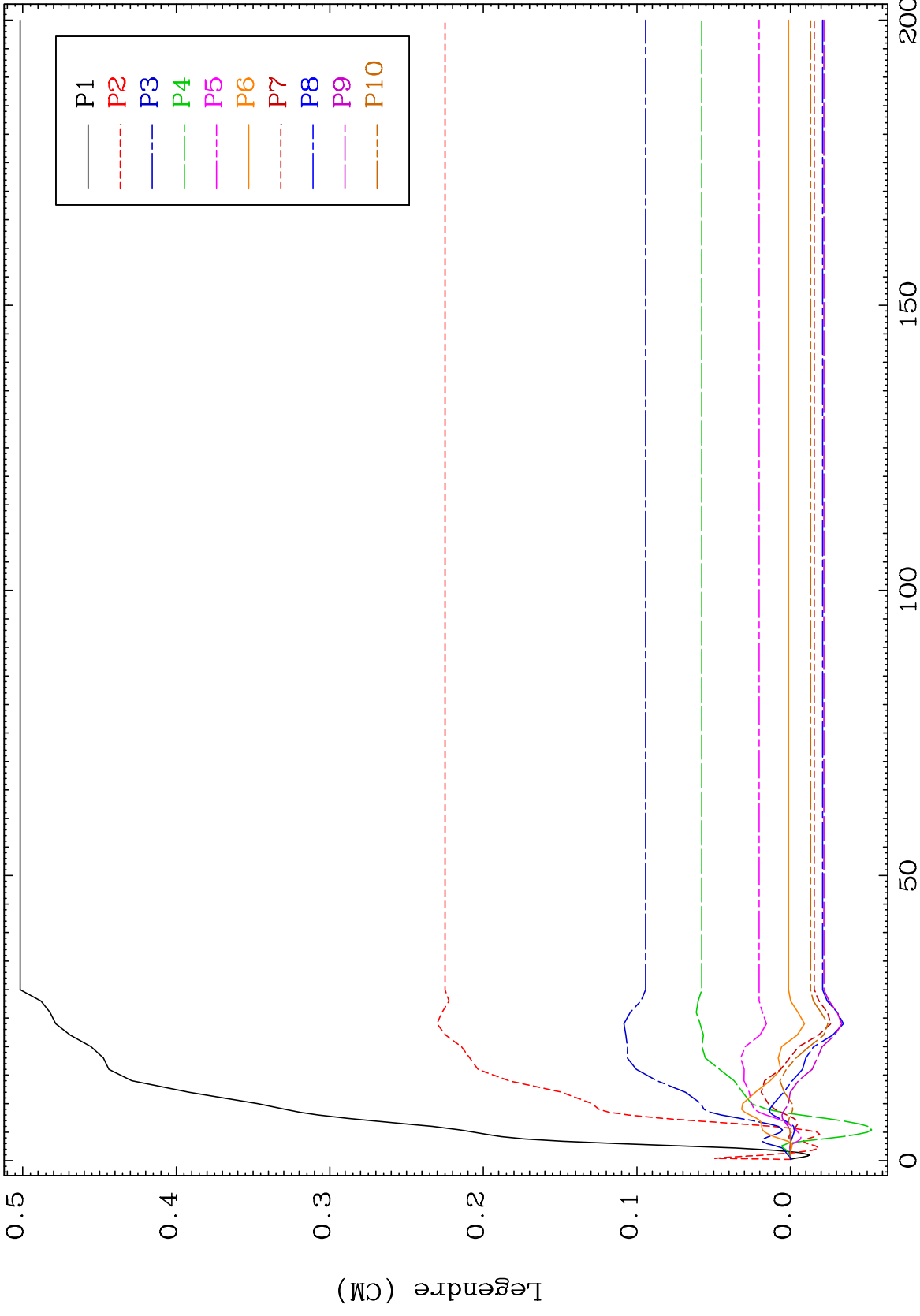
Incident Energy (MeV)

37

MAT 7992

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

80-Hg-185



38

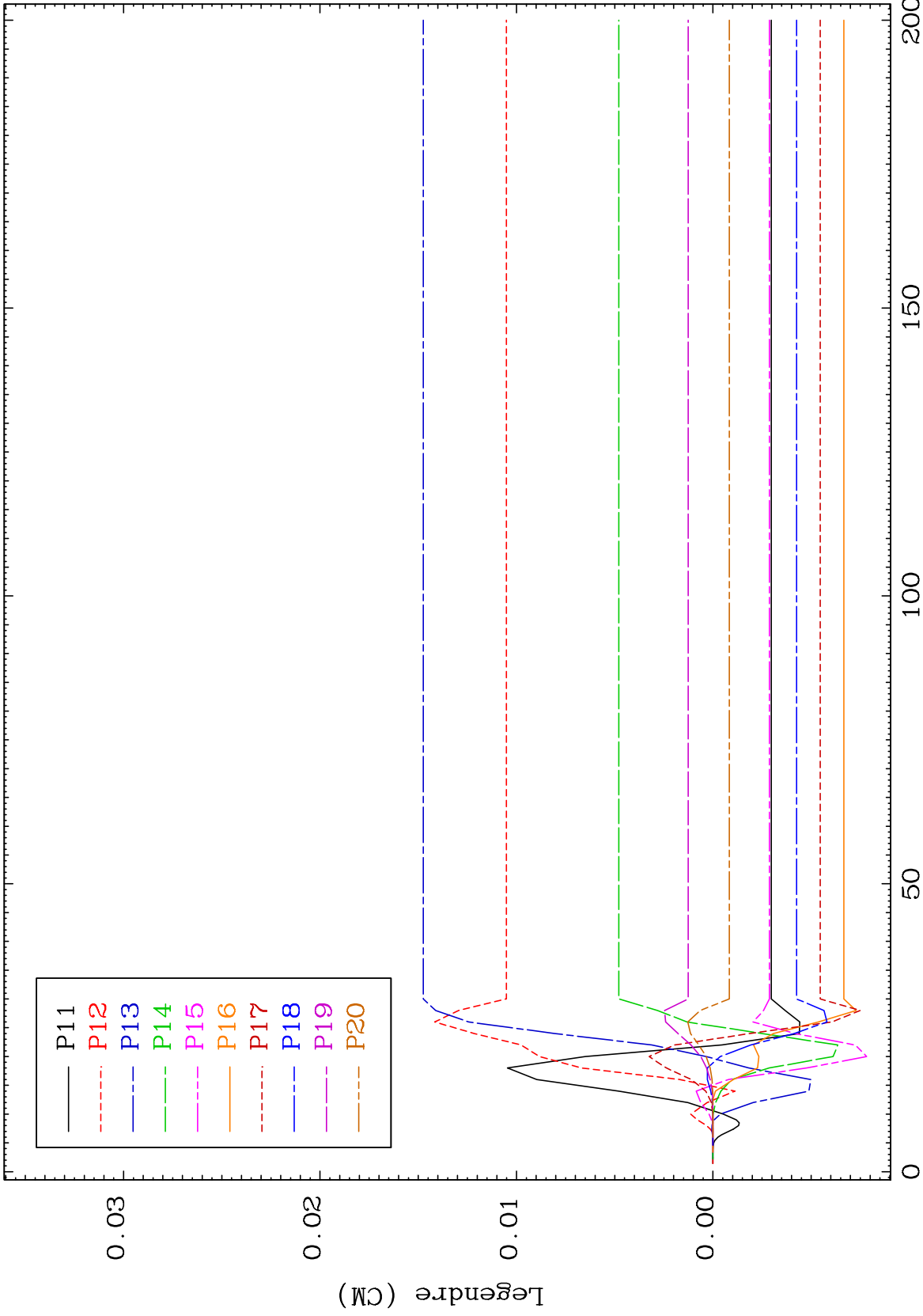
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



39

Incident Energy (MeV)

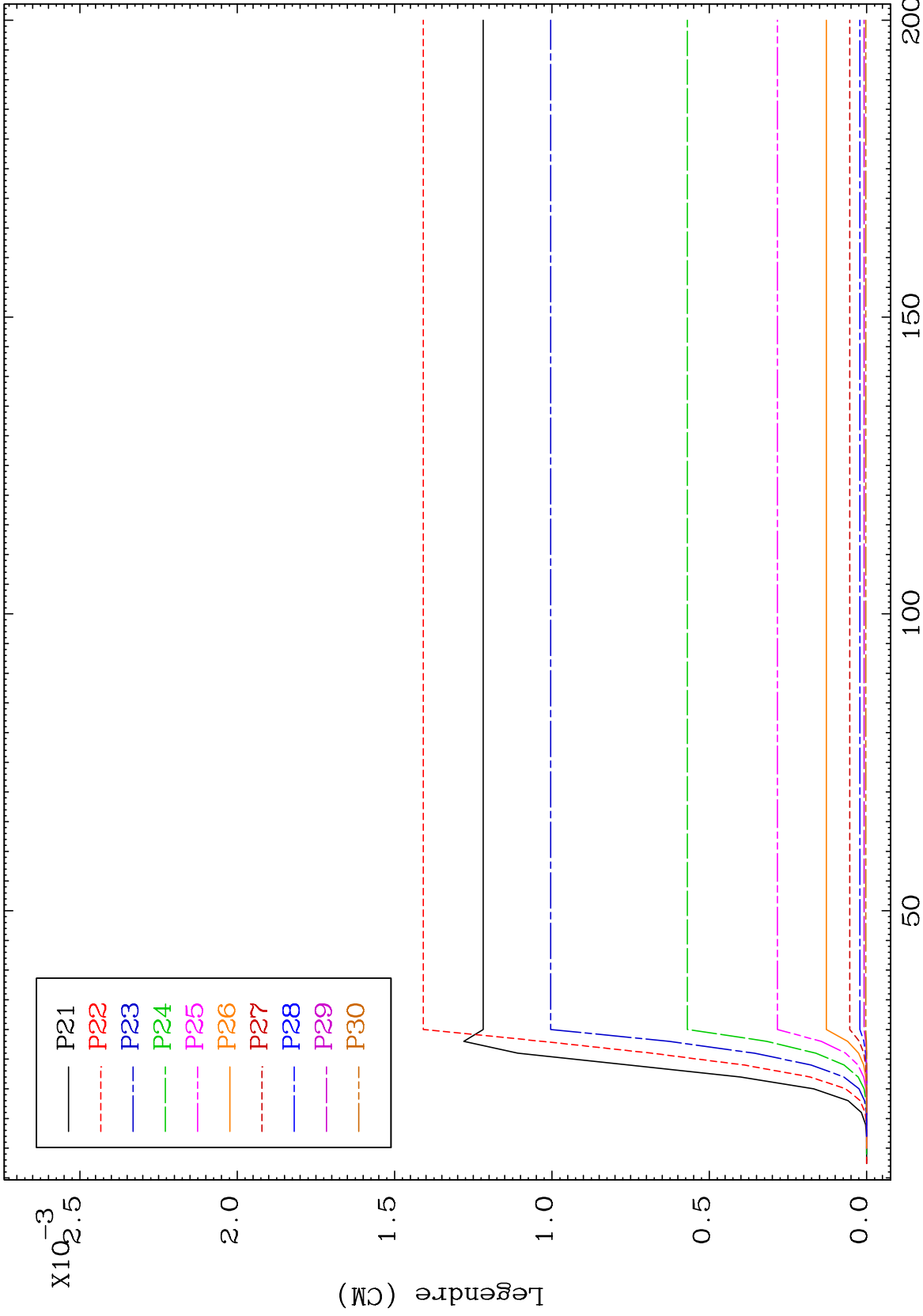
80-Hg-185



MAT 7992

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

80-Hg-185



40

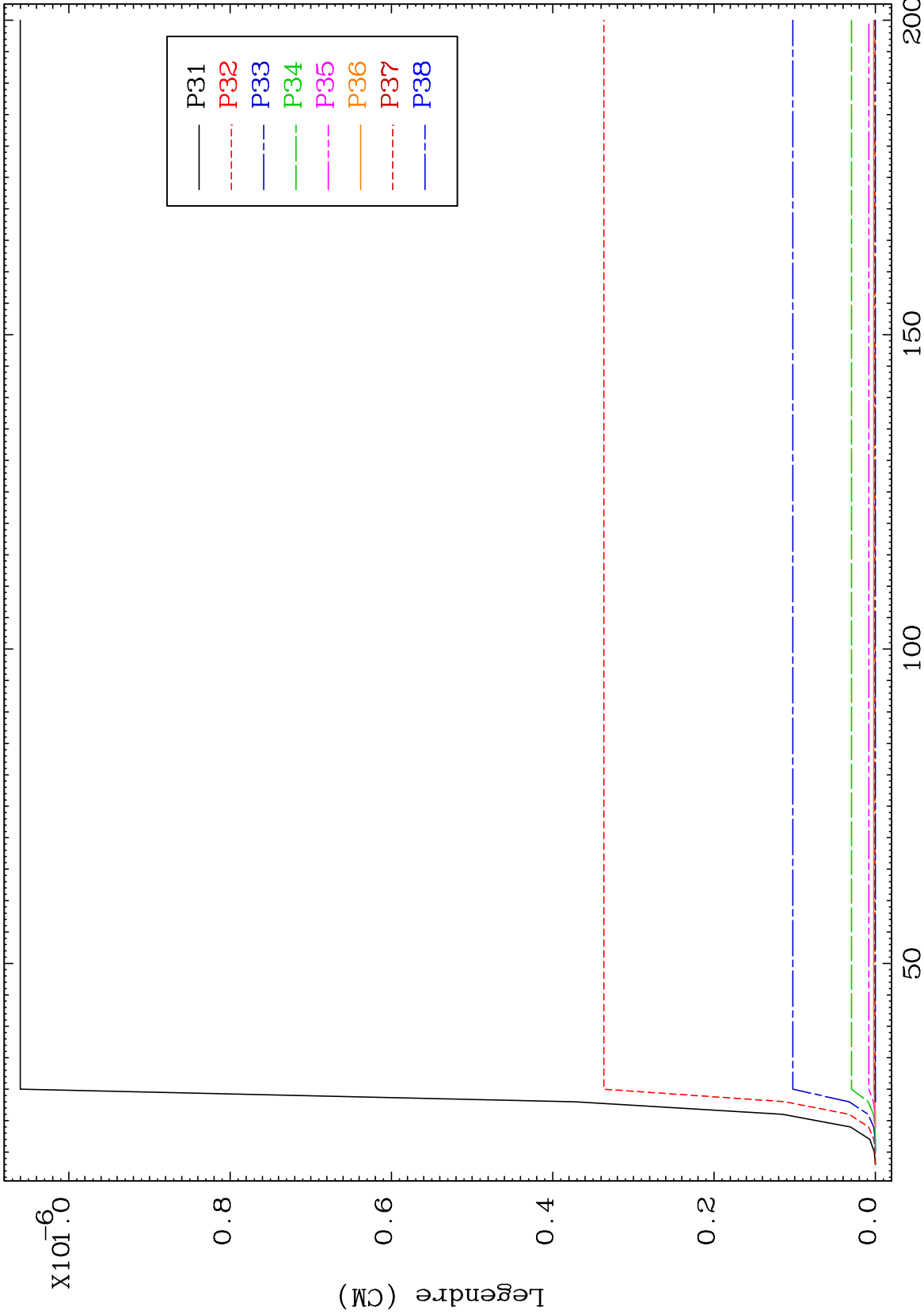
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



41

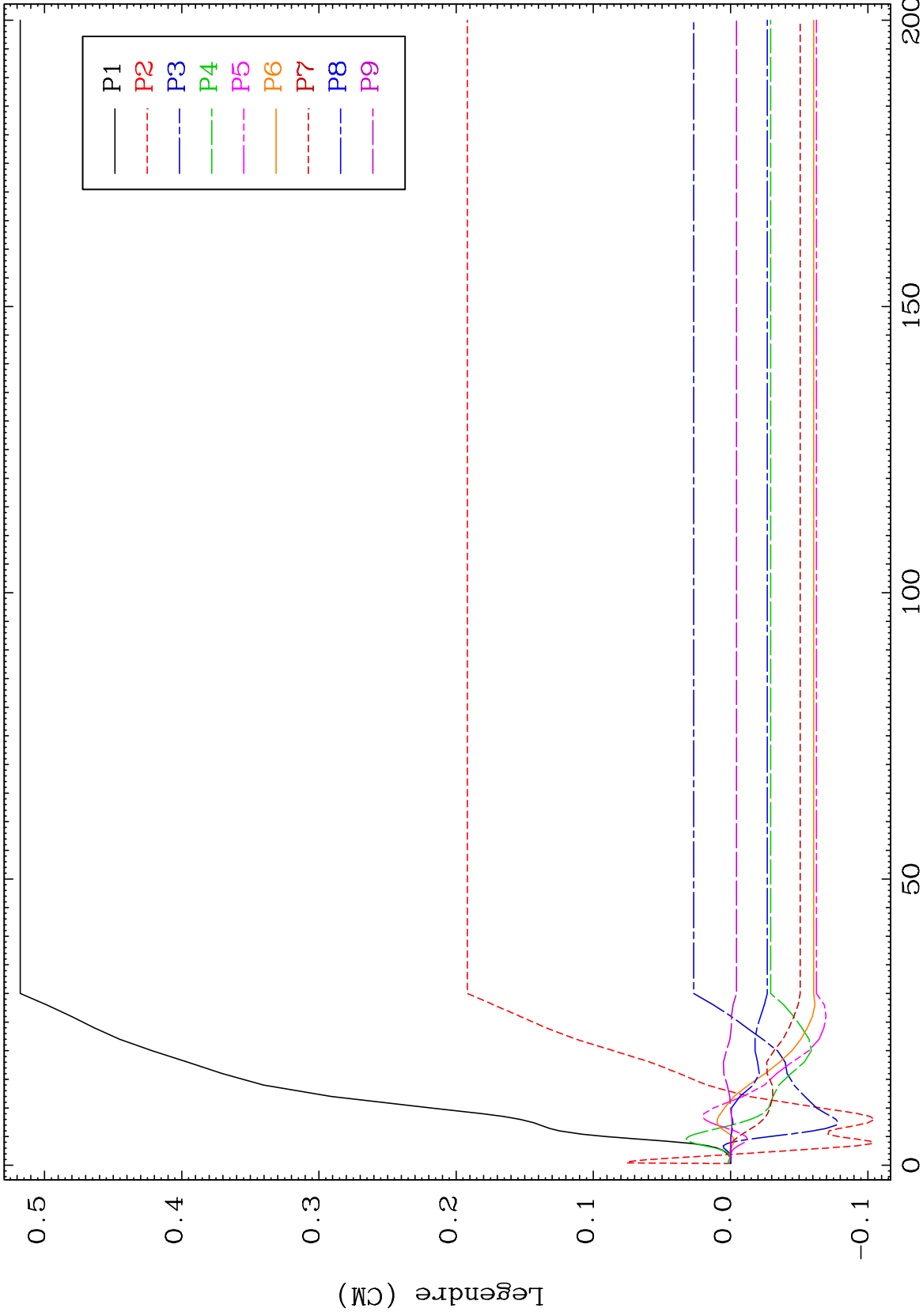
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



42

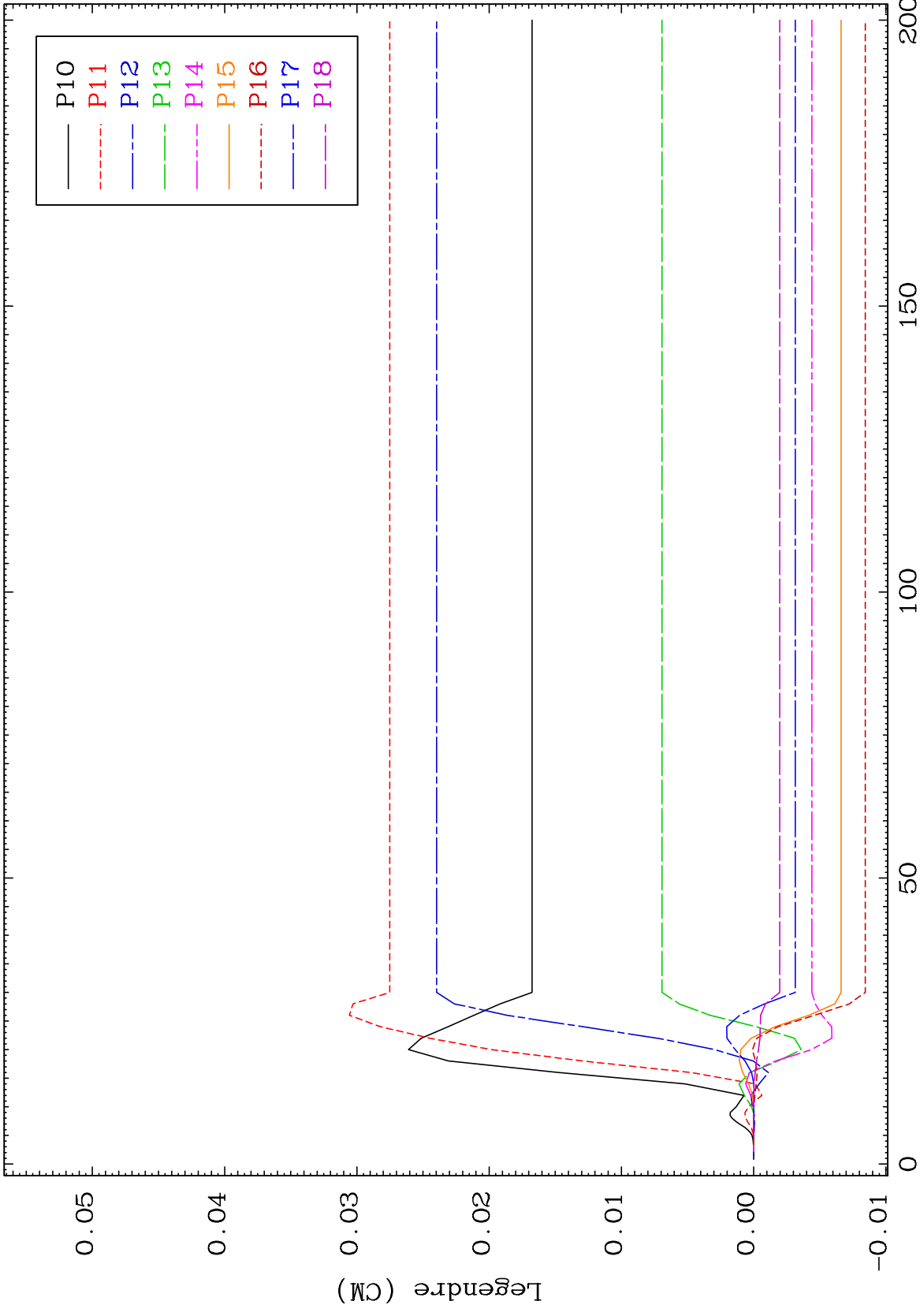
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

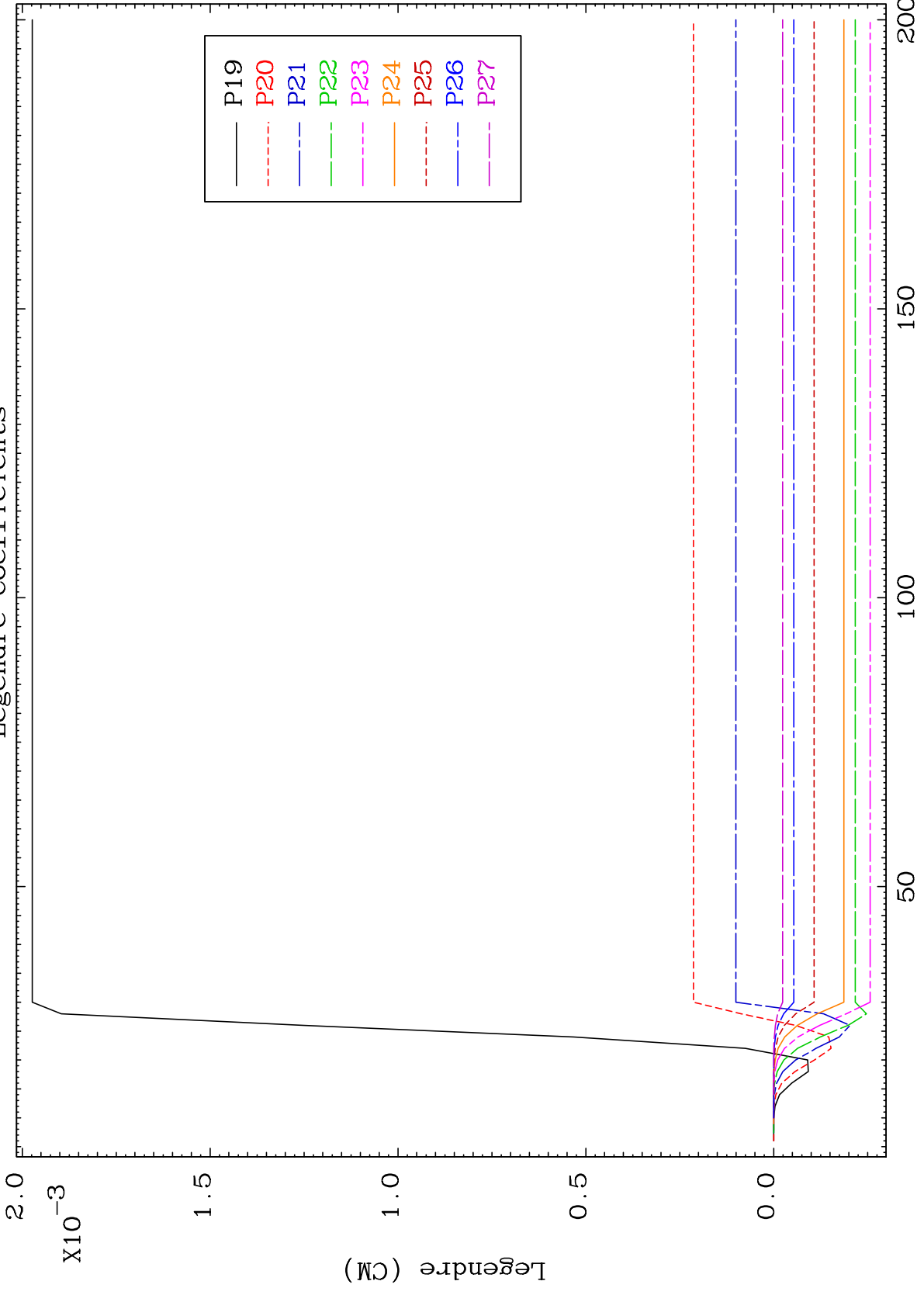
80-Hg-185



43

Incident Energy (MeV)

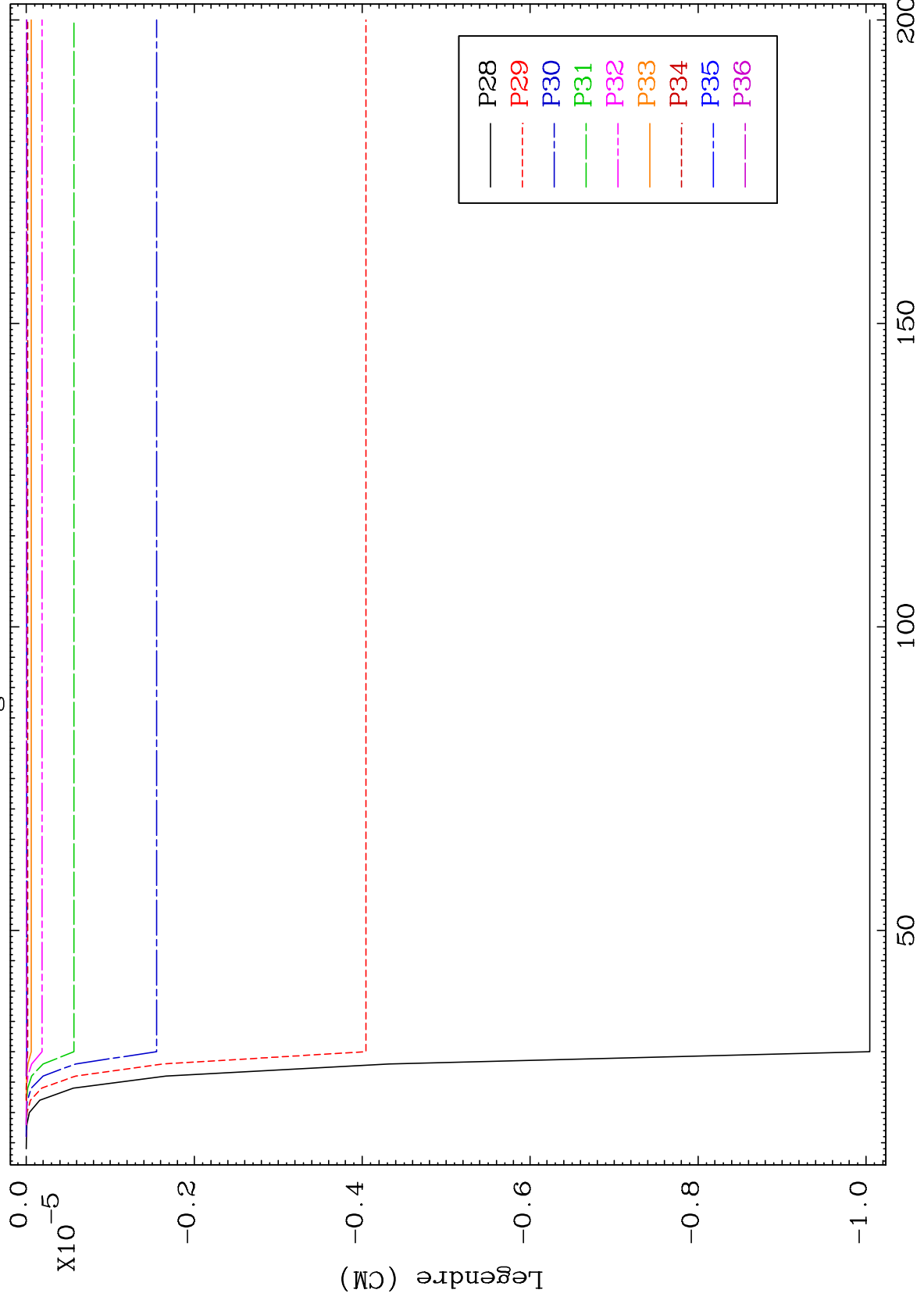
80-Hg-185



MAT 7992

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

80-Hg-185

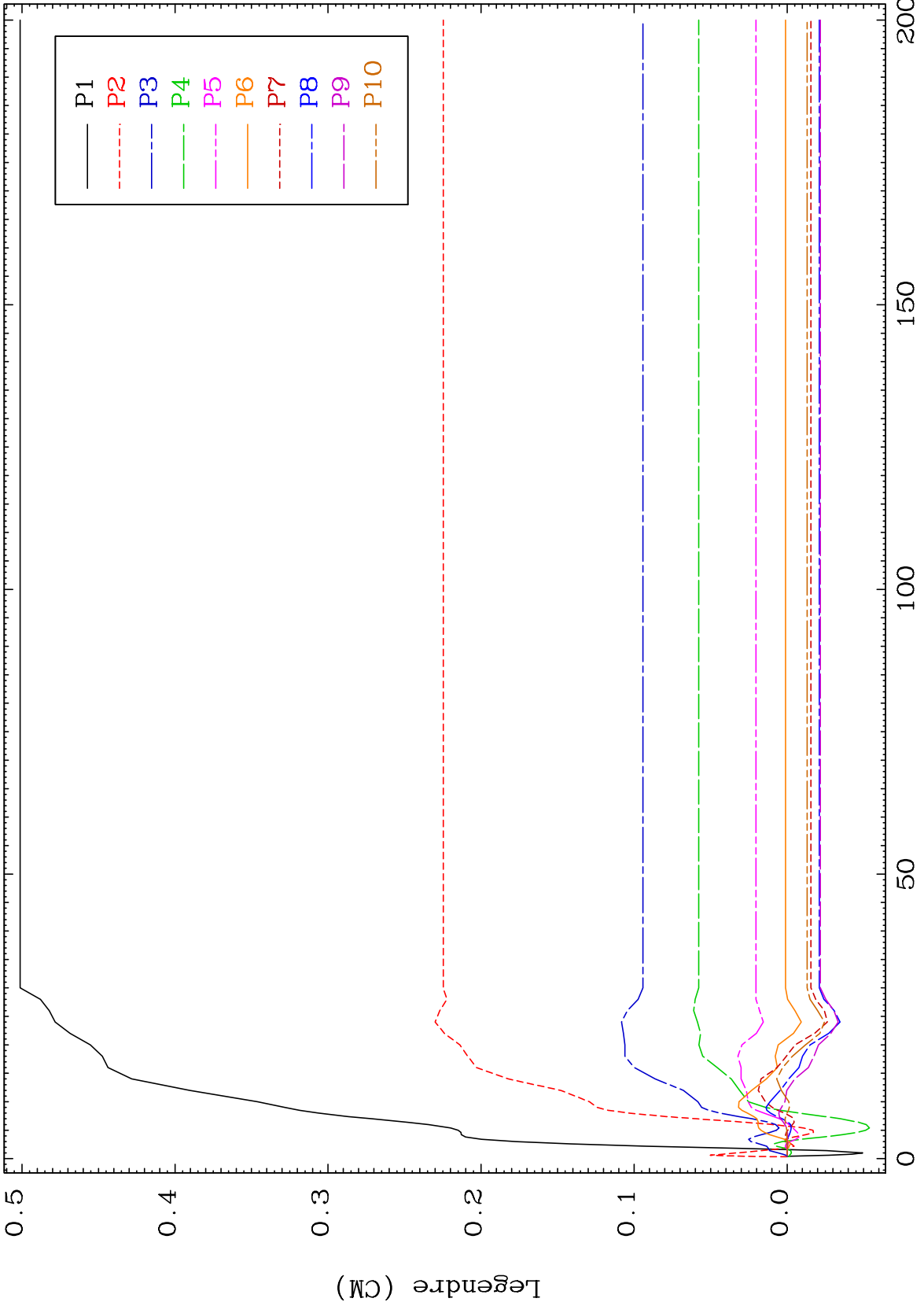


80-Hg-185

Incident Energy (MeV)

45

MAT 7992 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-185

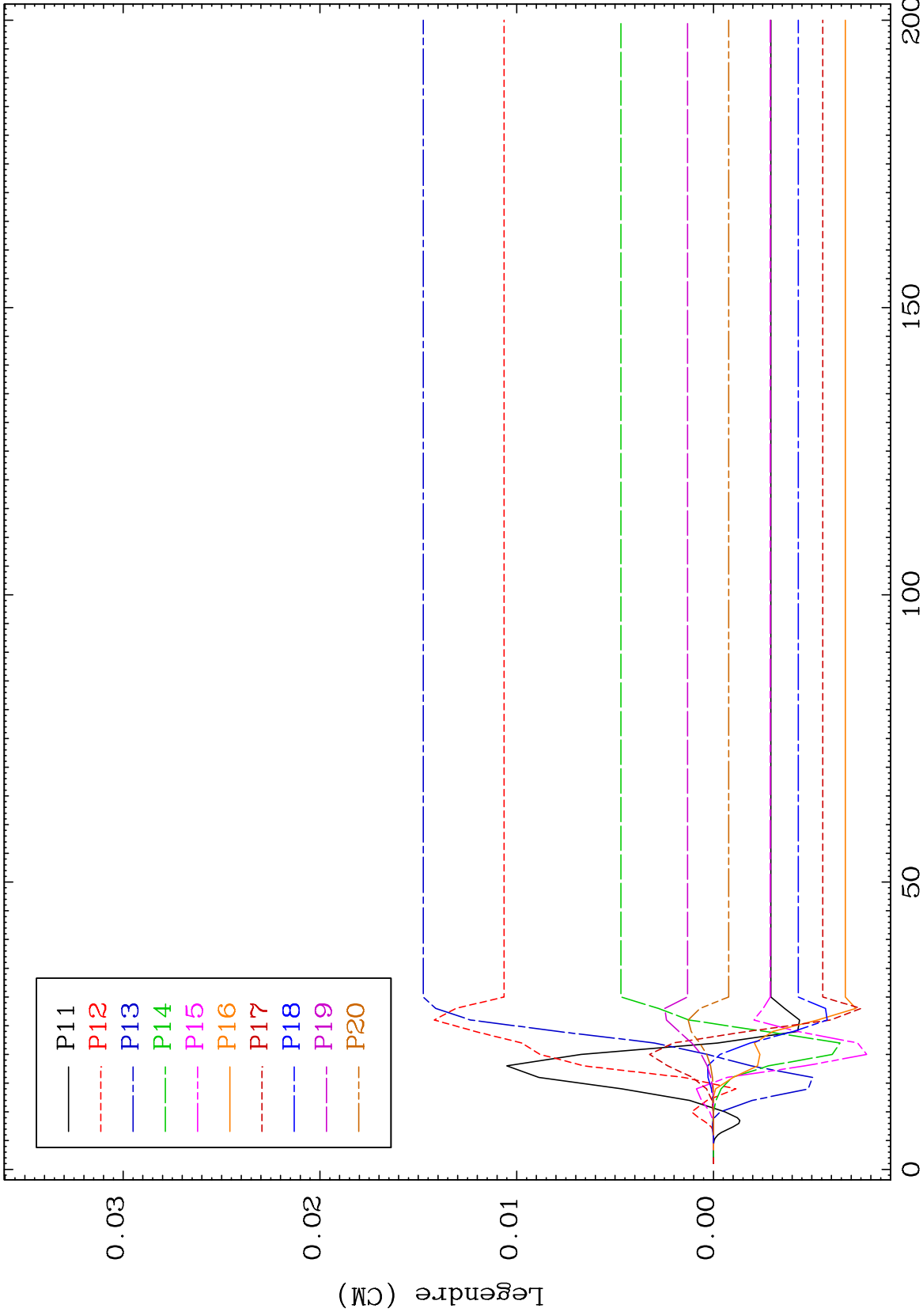


46 80-Hg-185

MAT 7992

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

80-Hg-185



47

Incident Energy (MeV)

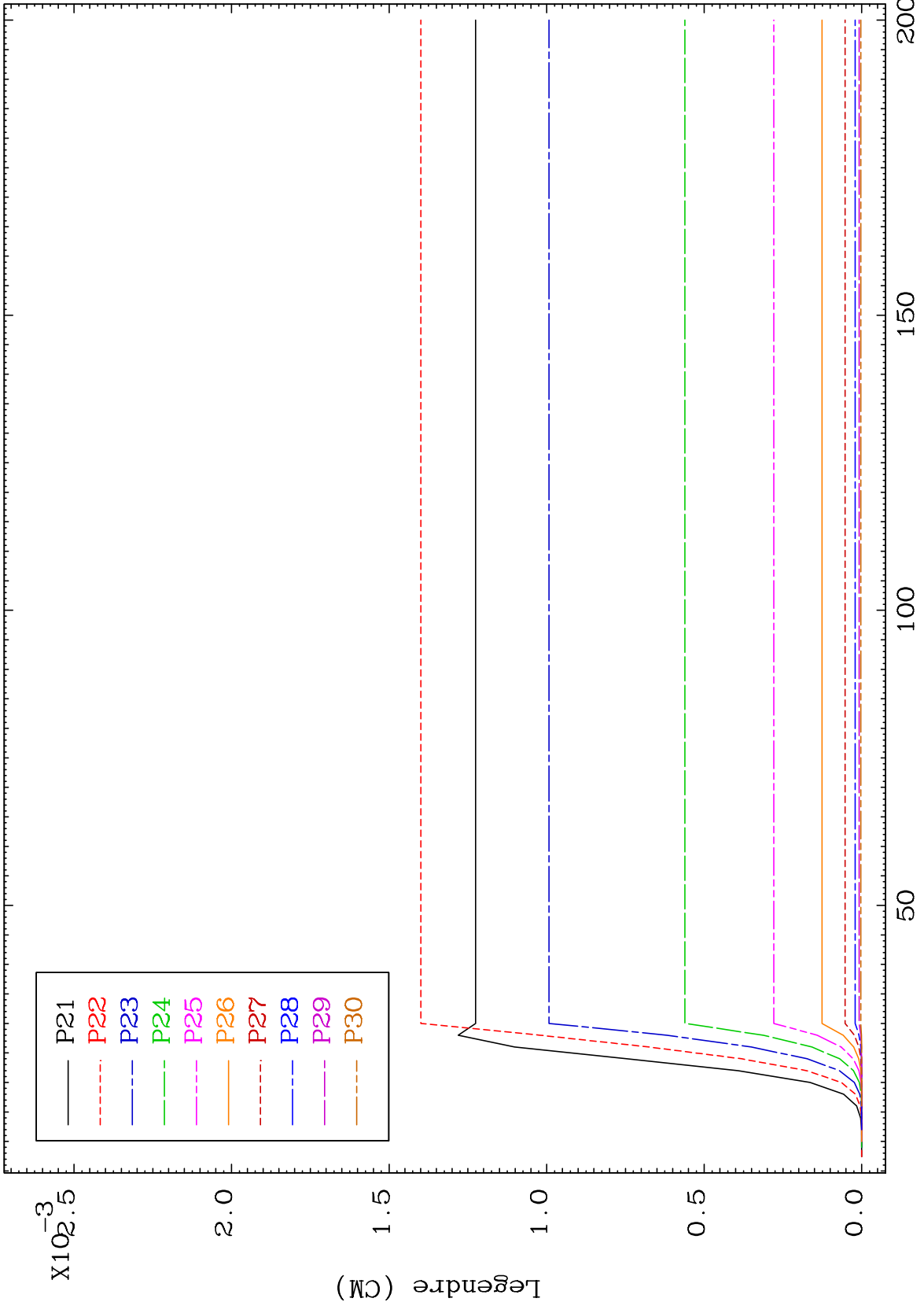
80-Hg-185



MAT 7992

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

80-Hg-185



48

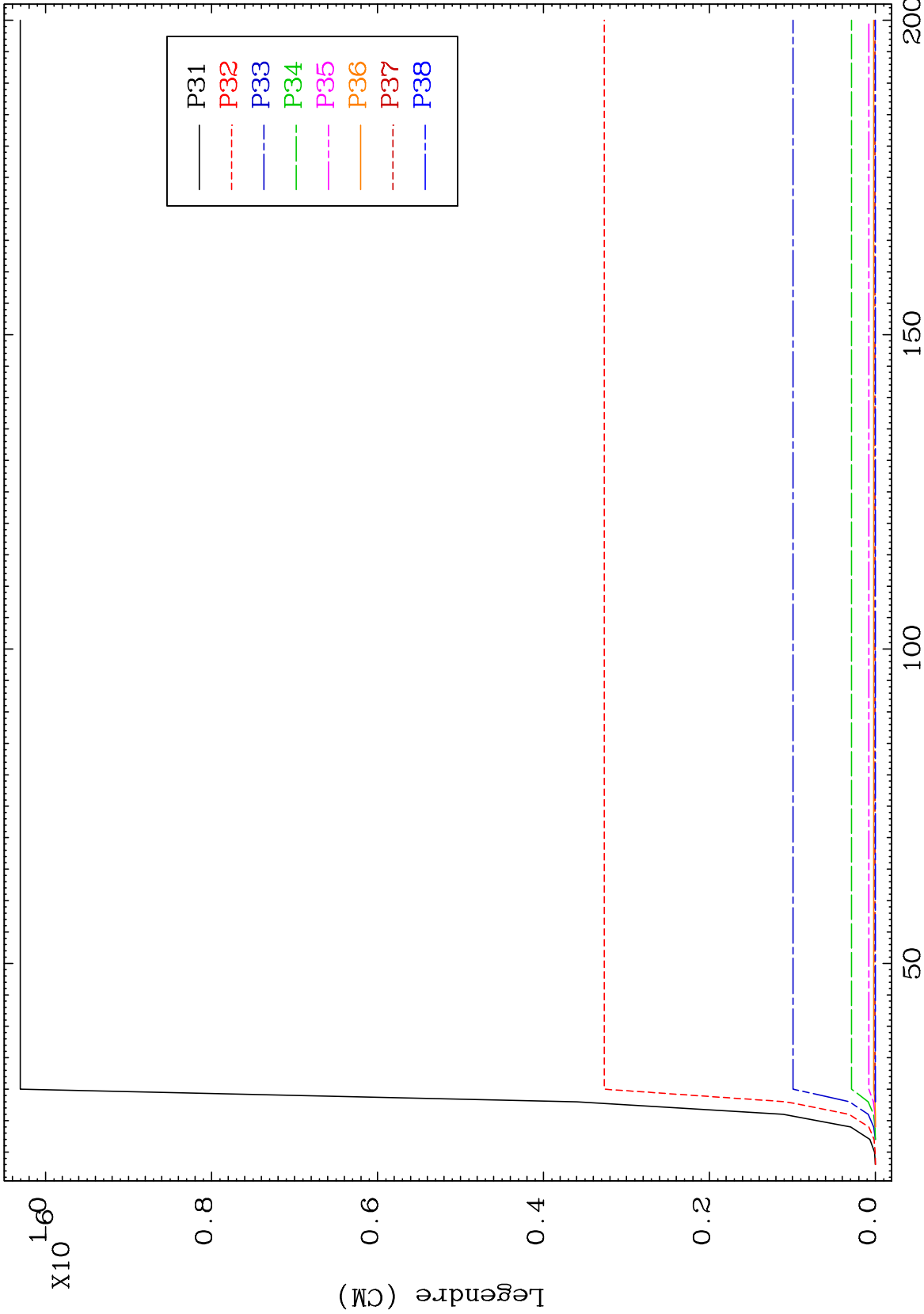
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



49

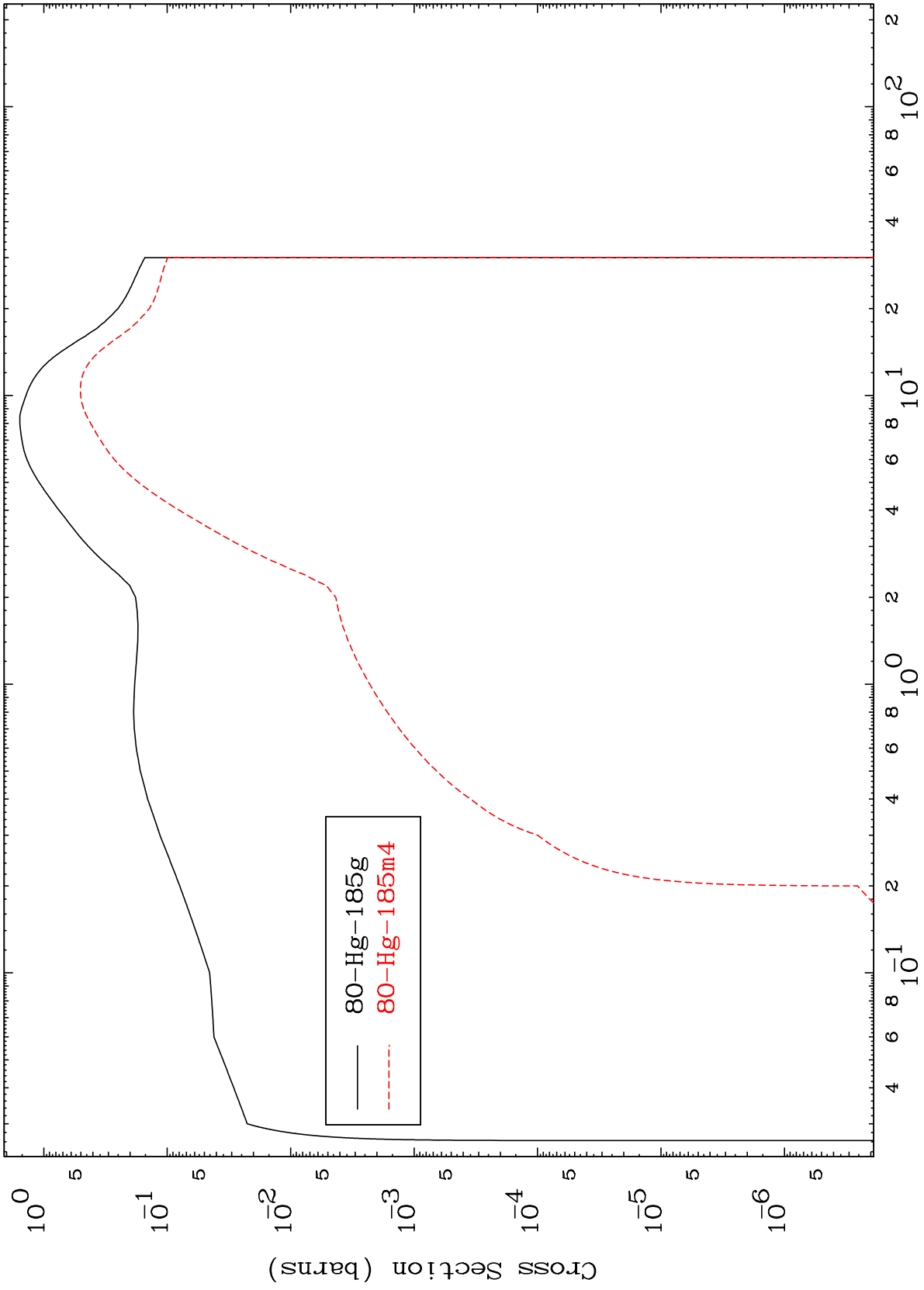
Incident Energy (MeV)

80-Hg-185

MAT 7992

# Inelastic Radionuclide Production Cross Section

80-Hg-185



50

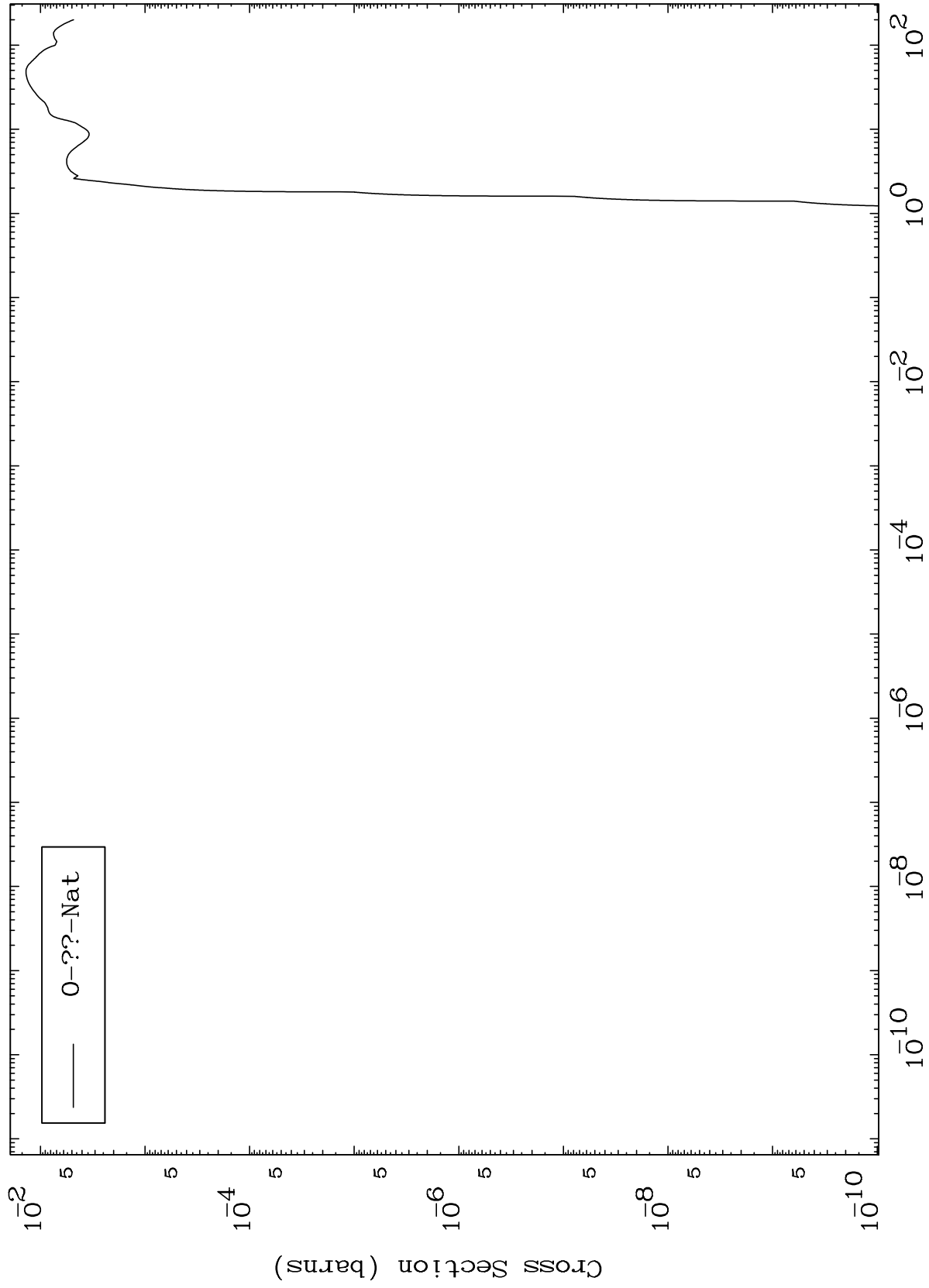
Incident Energy (MeV)

80-Hg-185

MAT 7992

Fission  
Radionuclide Production Cross Section

80-Hg-185

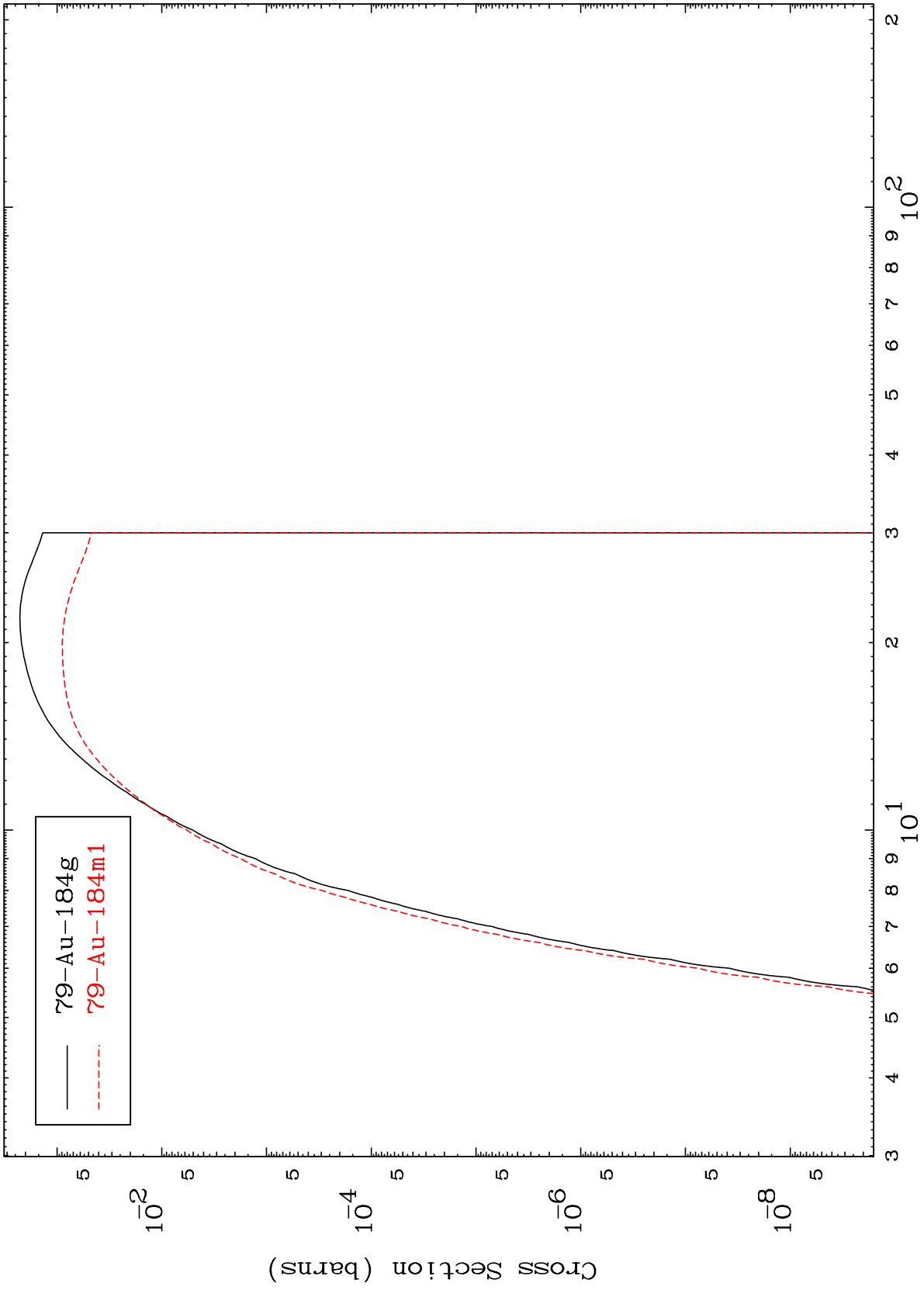


MAT 7992

(n,n') p

80-Hg-185

Radionuclide Production Cross Section



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

52

Incident Energy (MeV)

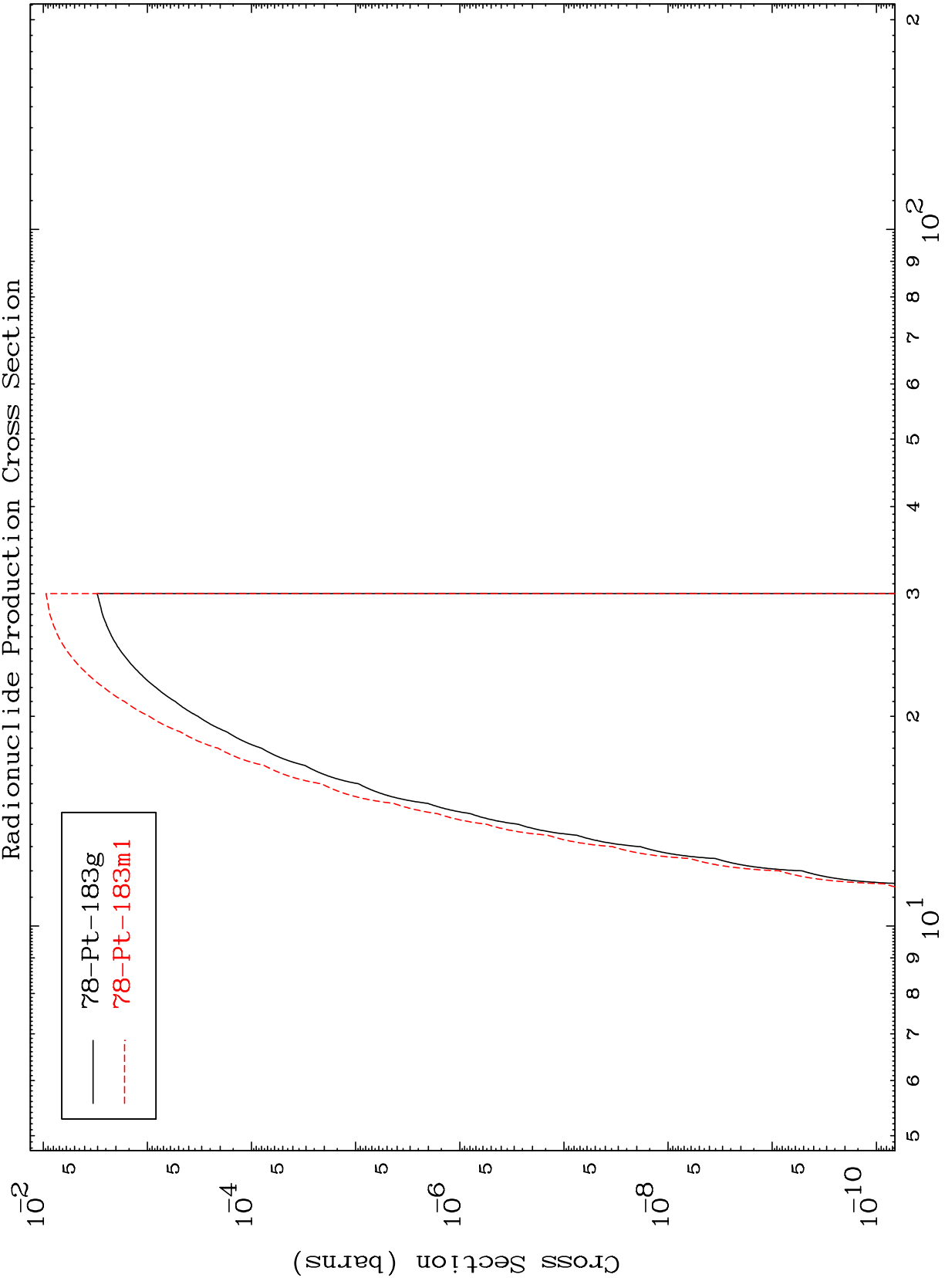
80-Hg-185

MAT 7992

(n,2n) p

80-Hg-185

Radionuclide Production Cross Section



53

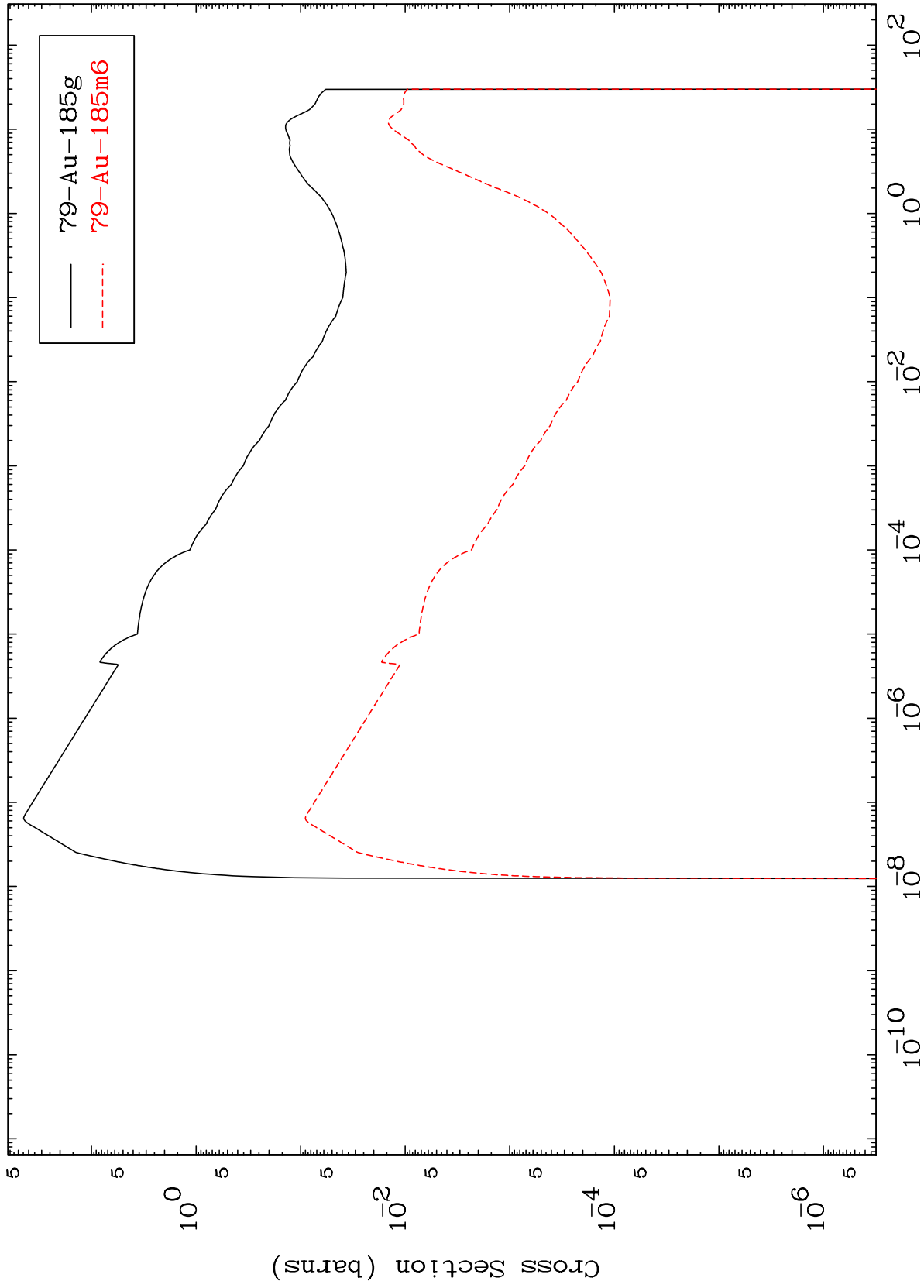
Incident Energy (MeV)

80-Hg-185

MAT 7992

80-Hg-185

(n,p)  
Radionuclide Production Cross Section



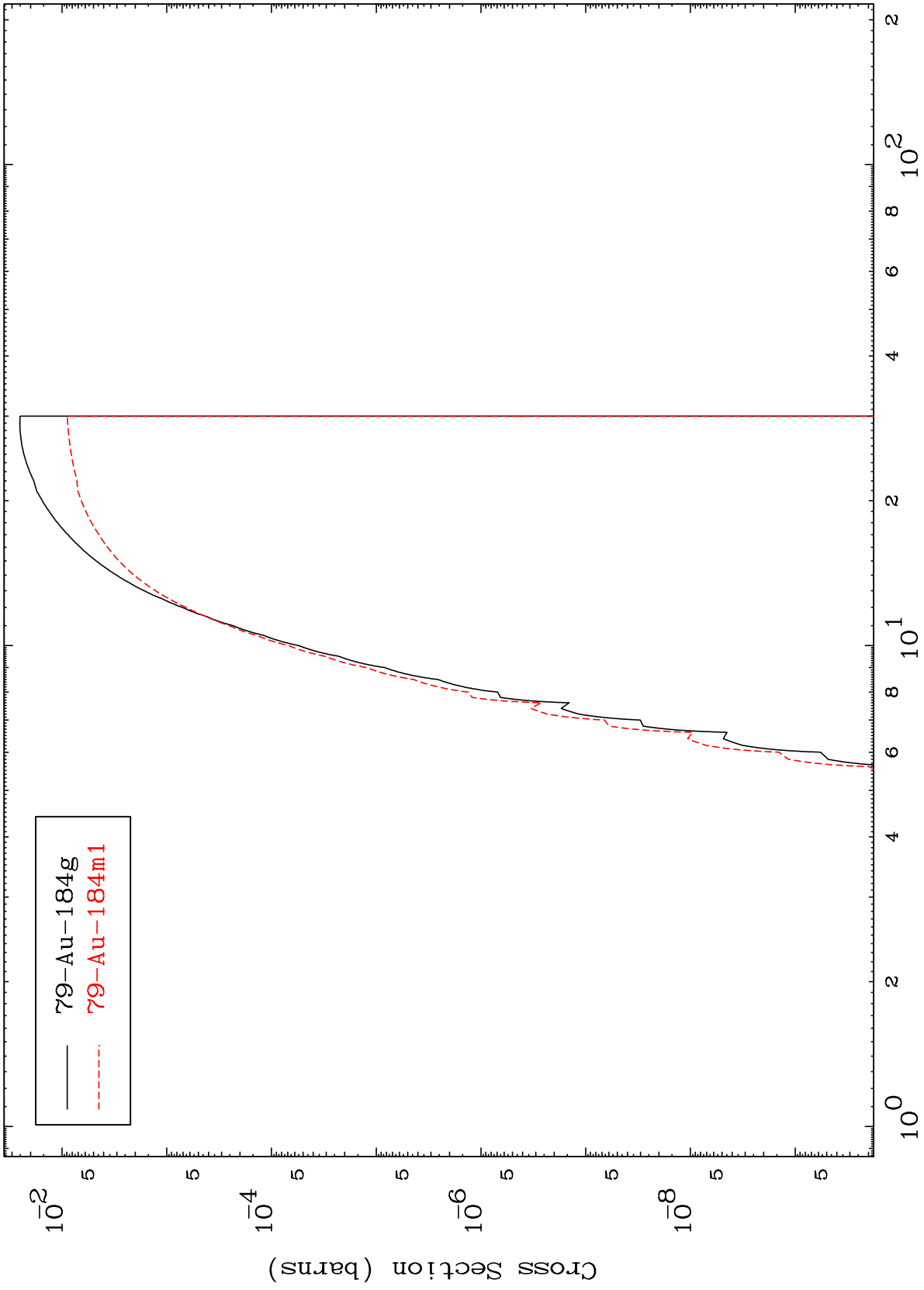
54

80-Hg-185

MAT 7992

(n,d)  
Radionuclide Production Cross Section

80-Hg-185



55

Incident Energy (MeV)

80-Hg-185

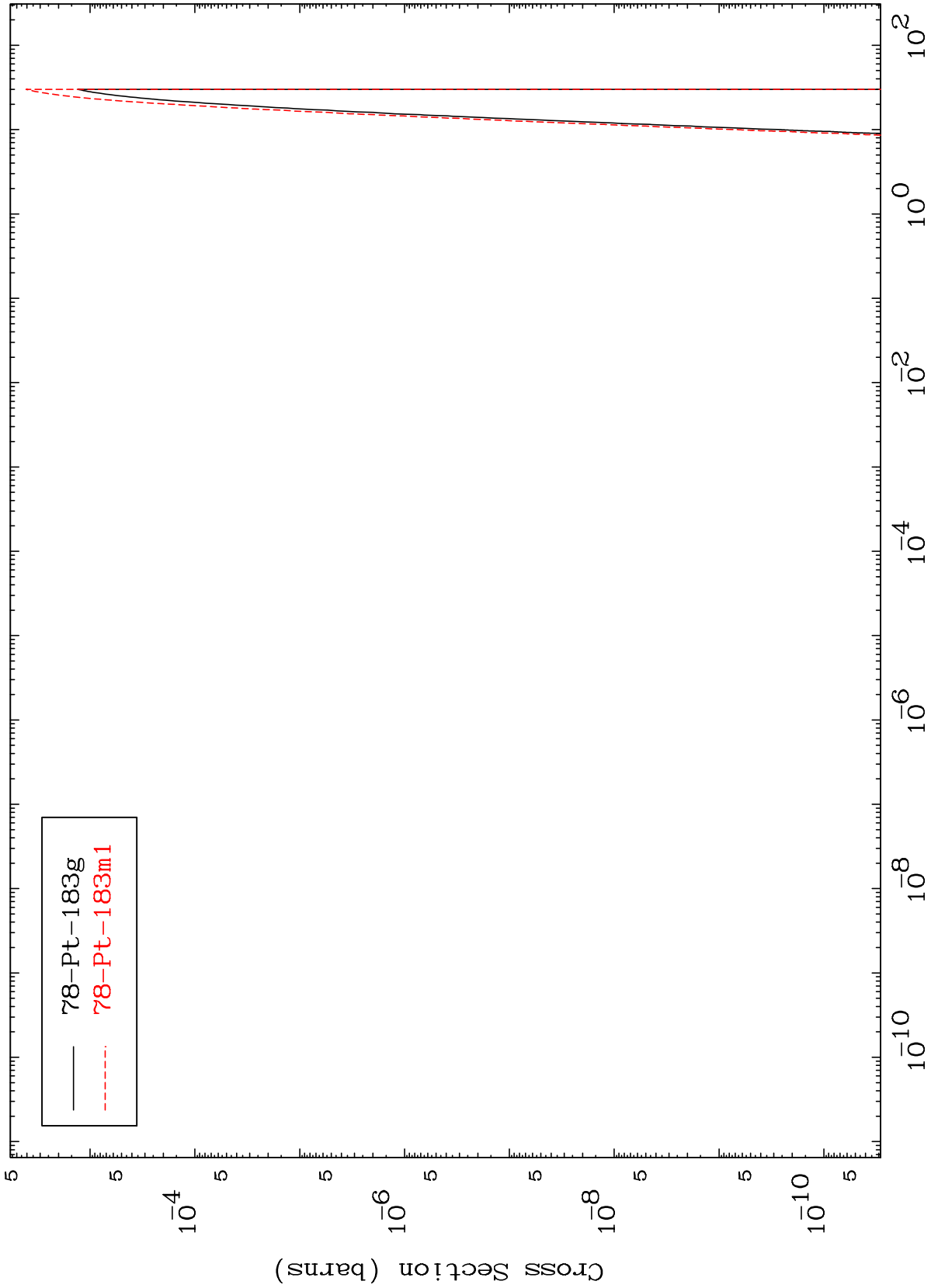


MAT 7992

(n, He-3)

80-Hg-185

Radionuclide Production Cross Section



56

Incident Energy (MeV)

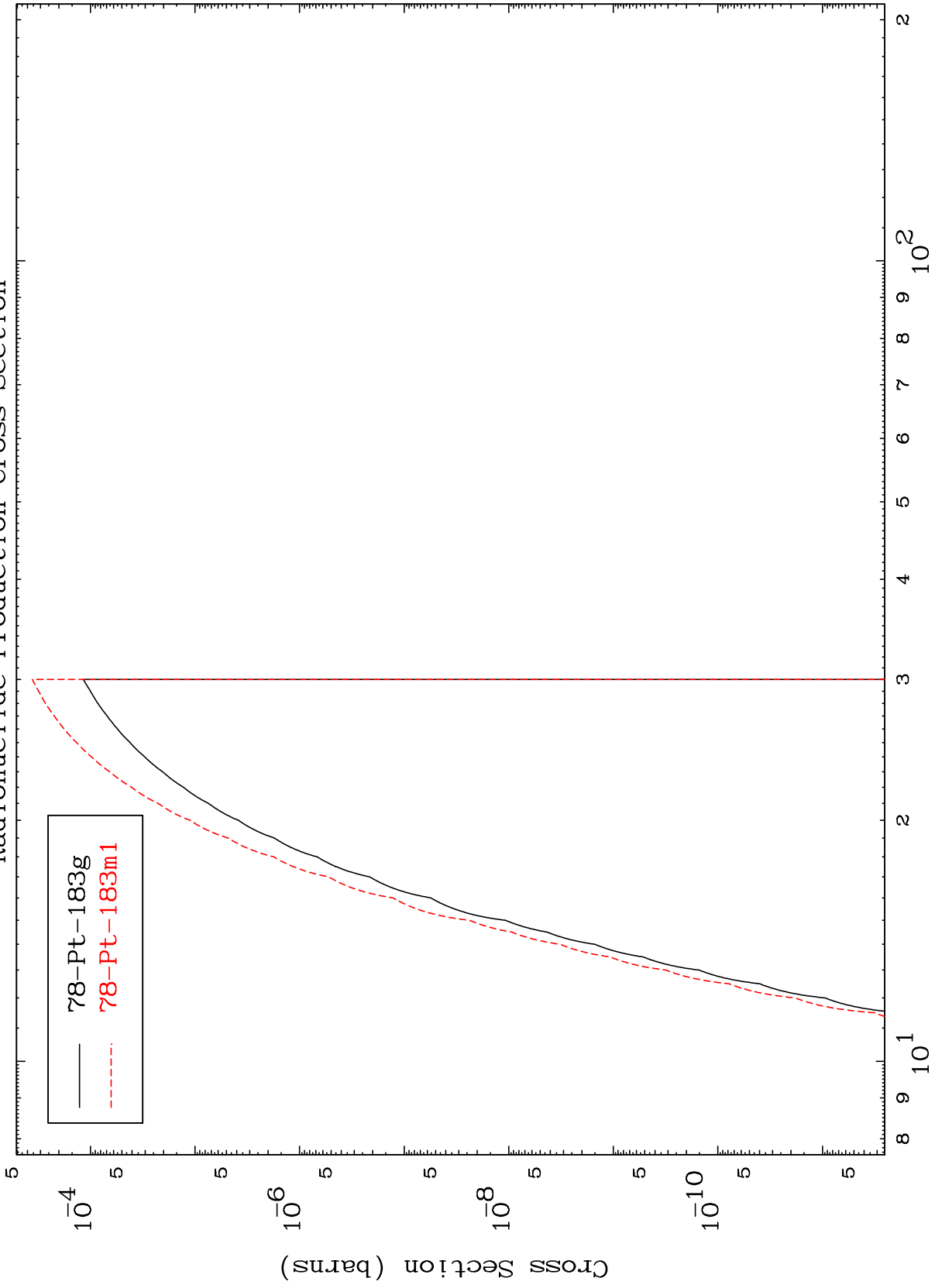
80-Hg-185

MAT 7992

(n,p) d

80-Hg-185

Radionuclide Production Cross Section



57

Incident Energy (MeV)

80-Hg-185