

Program EVALPLOT
(Version 2021-1)

by

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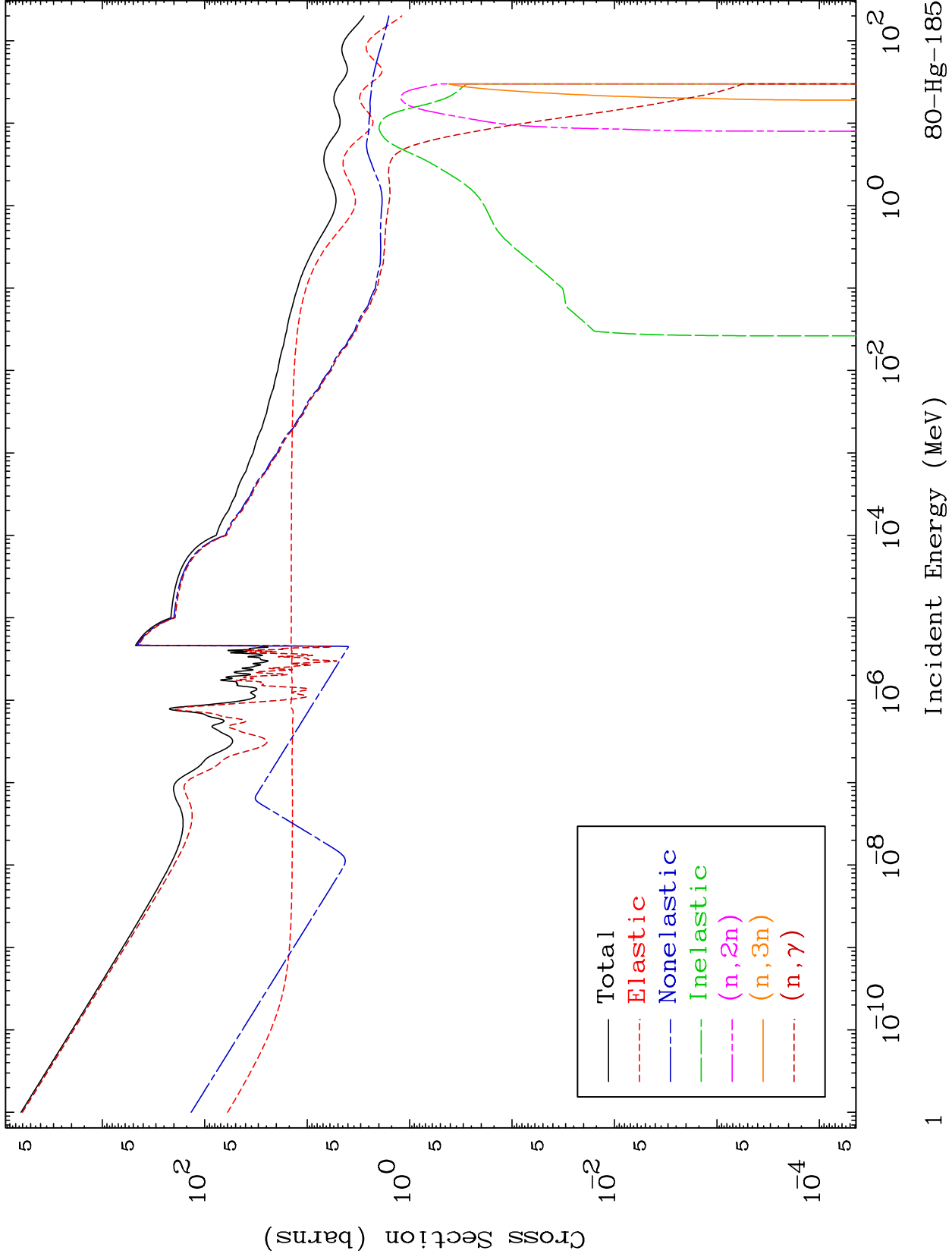
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7992

Neutron Major
293 Kelvin Cross Sections

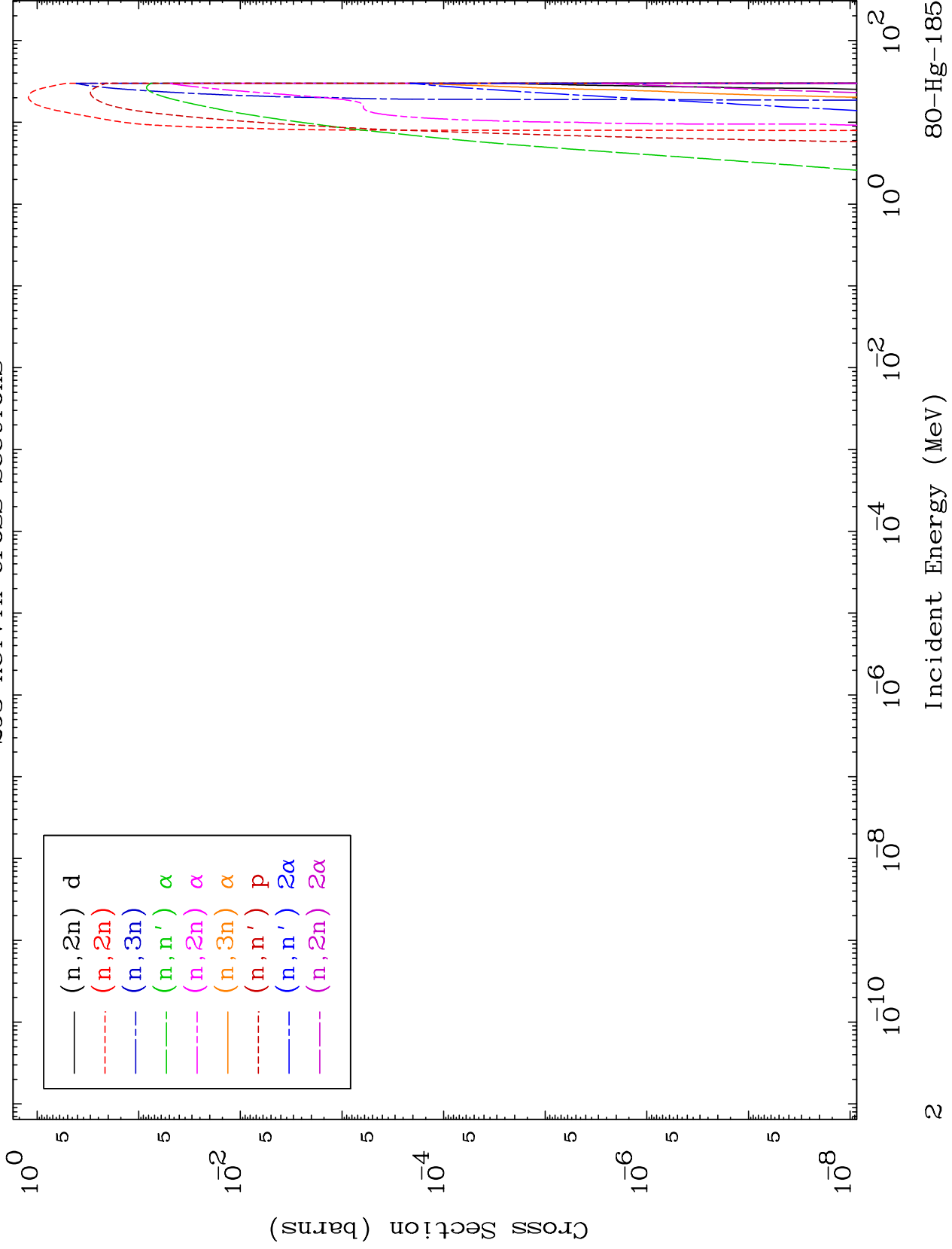
80-Hg-185



MAT 7992

Neutron Absorption
293 Kelvin Cross Sections

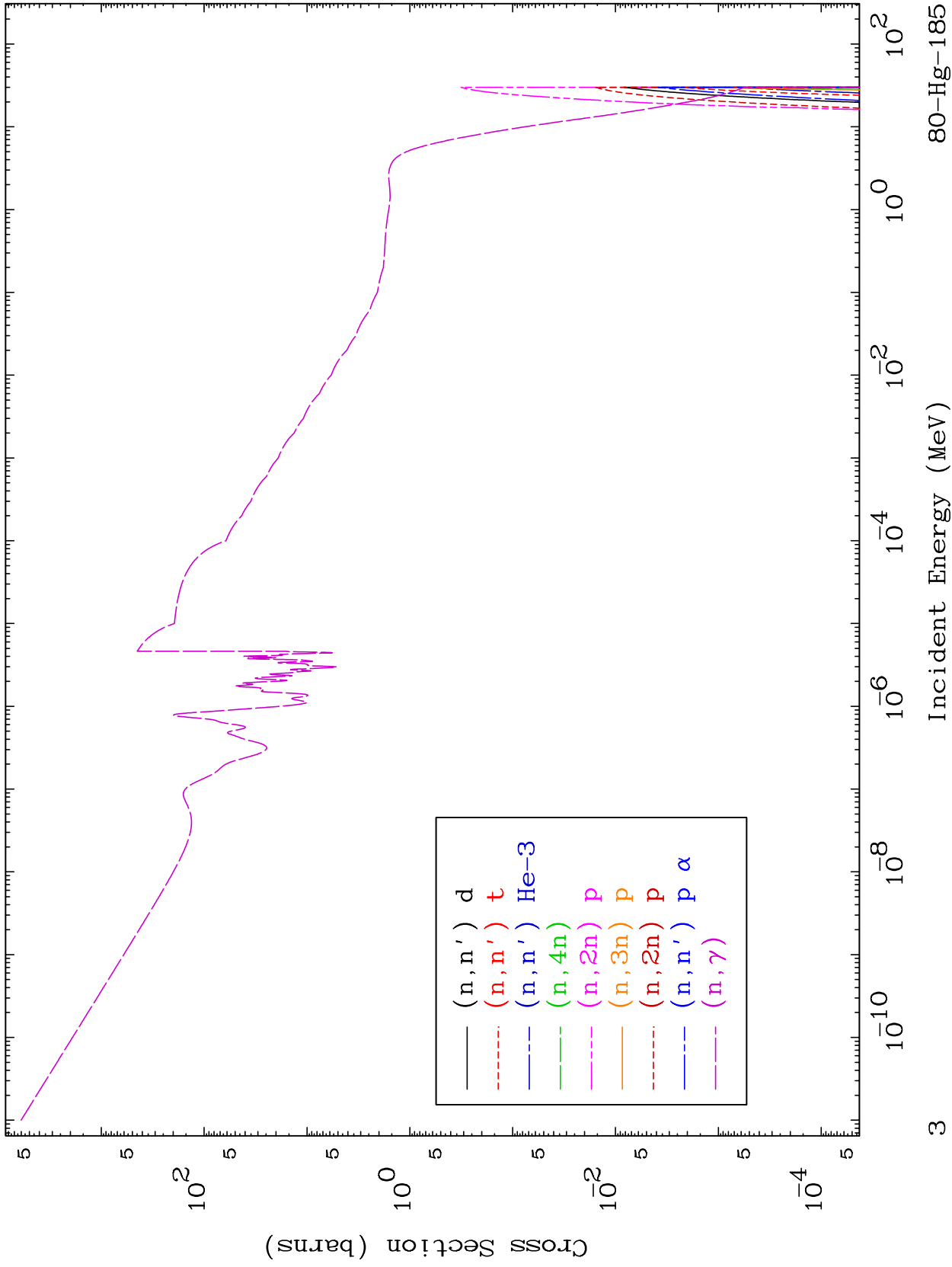
80-Hg-185



MAT 7992

Neutron Absorption
293 Kelvin Cross Sections

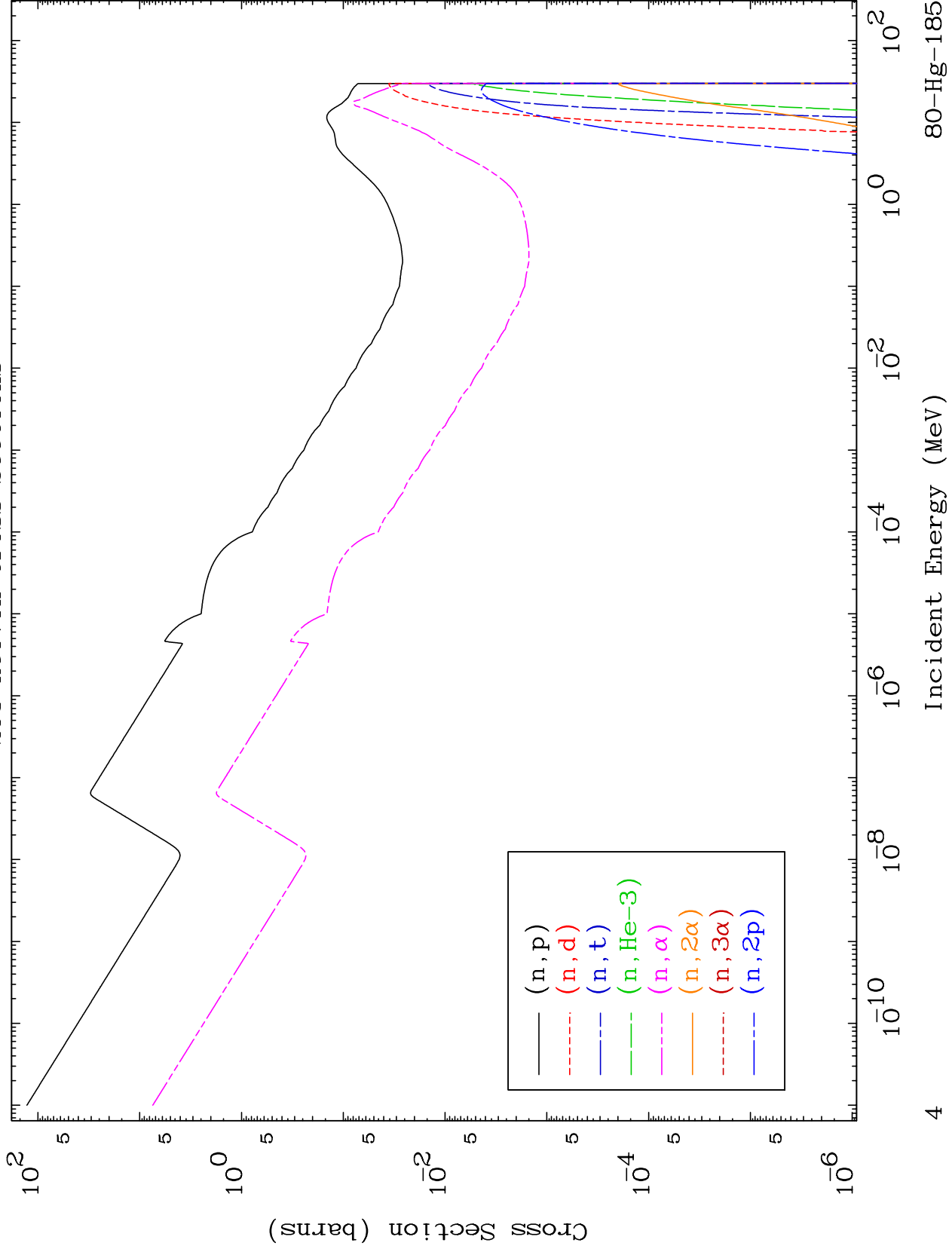
80-Hg-185



MAT 7992

Neutron Absorption
293 Kelvin Cross Sections

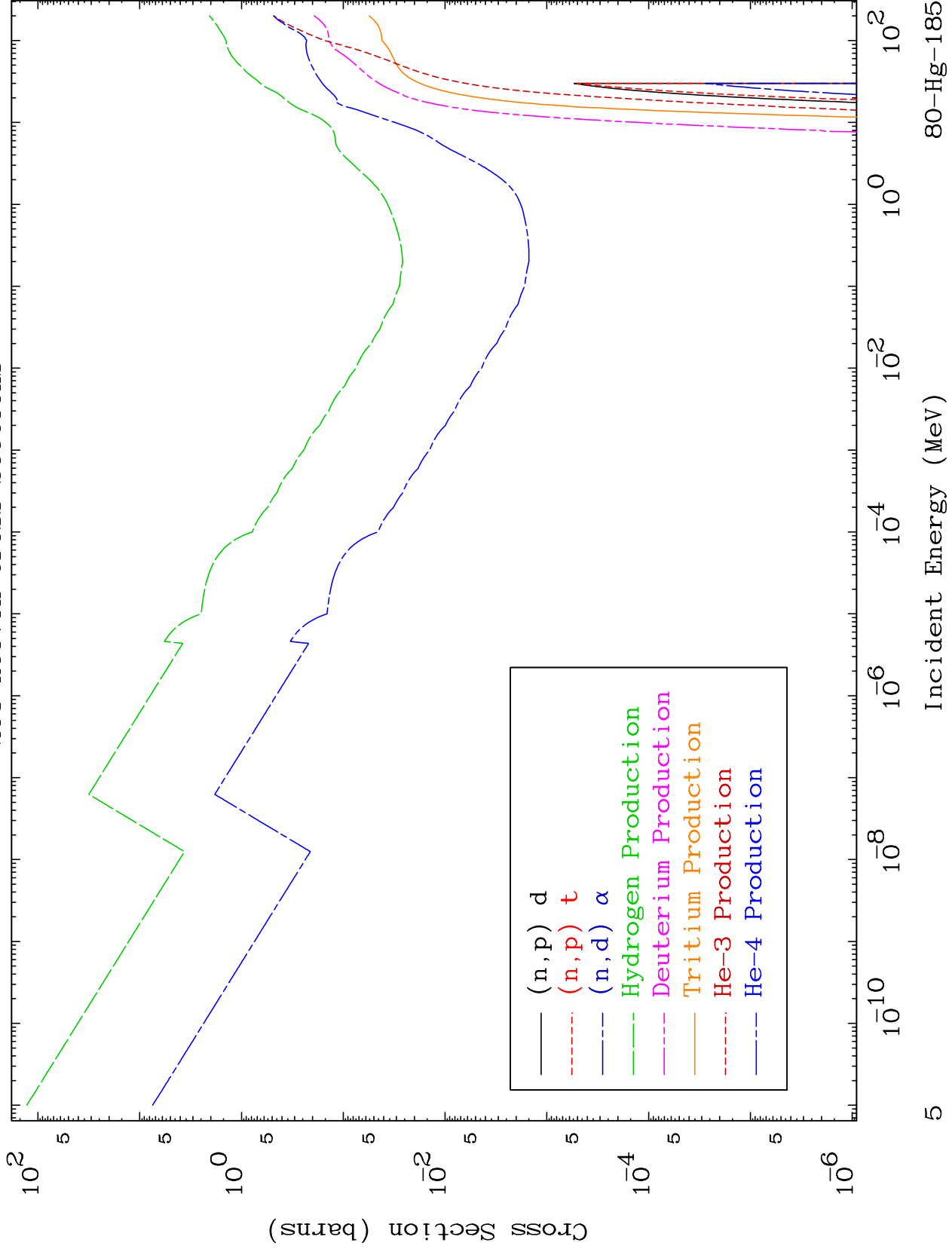
80-Hg-185



MAT 7992

Neutron Absorption
293 Kelvin Cross Sections

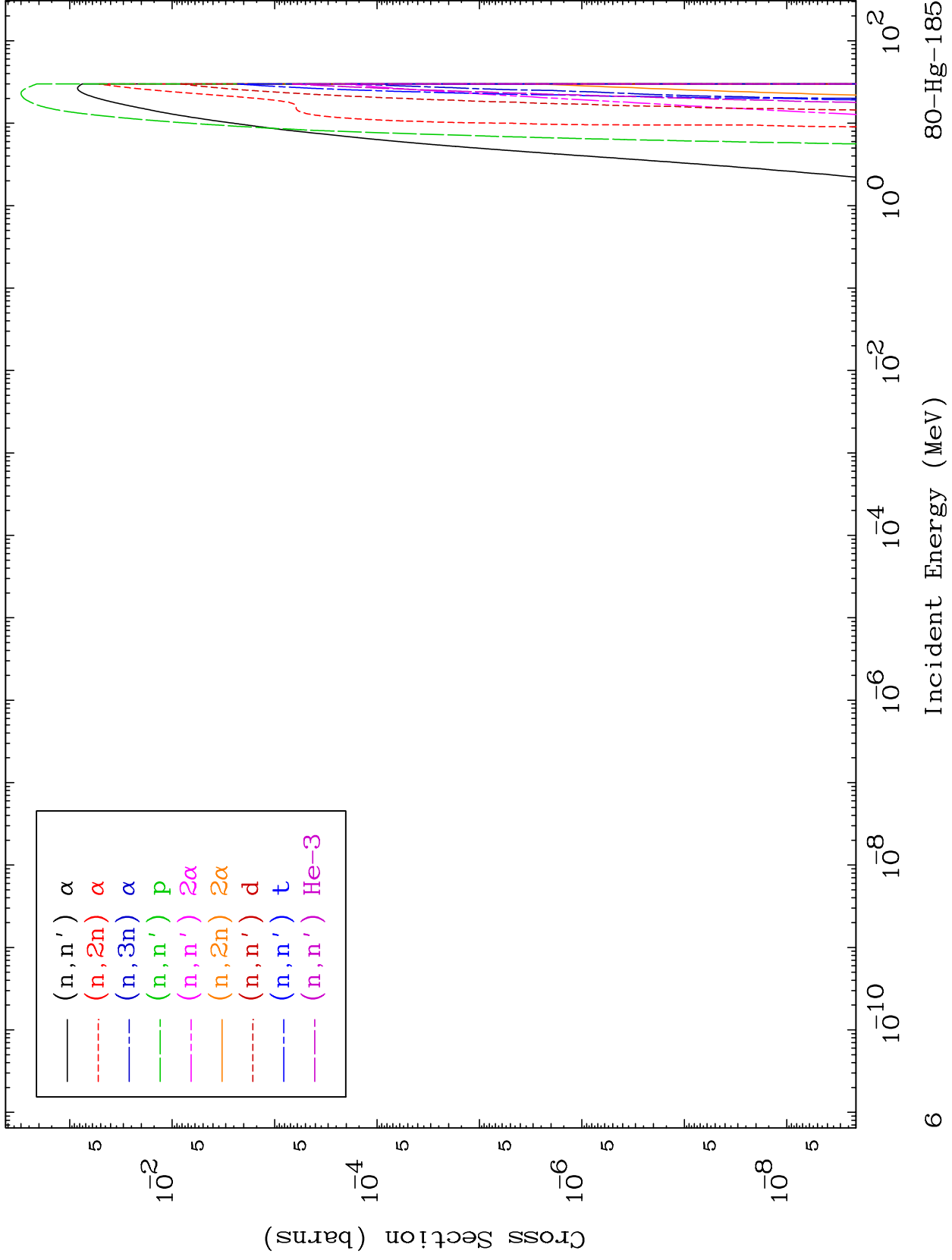
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

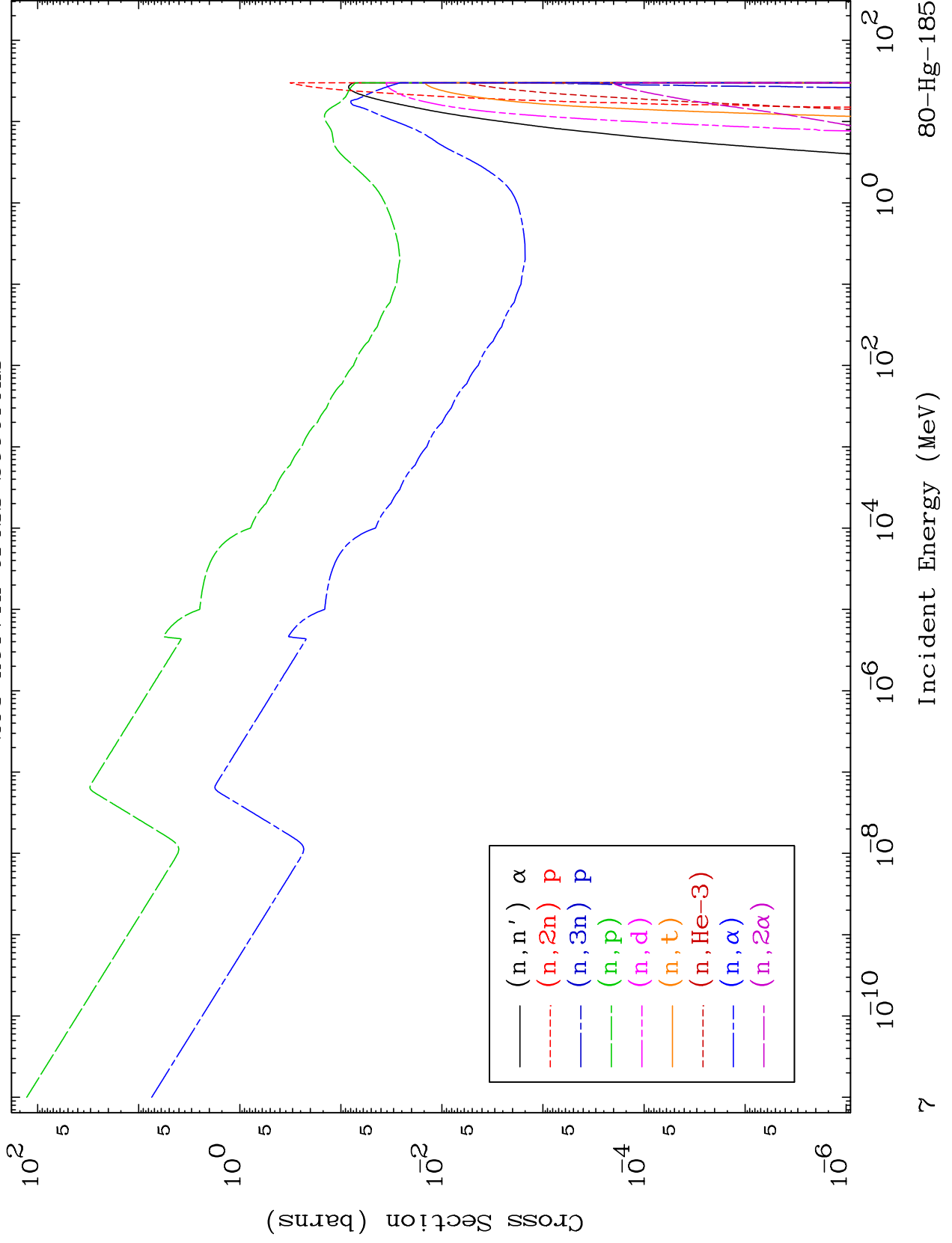
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

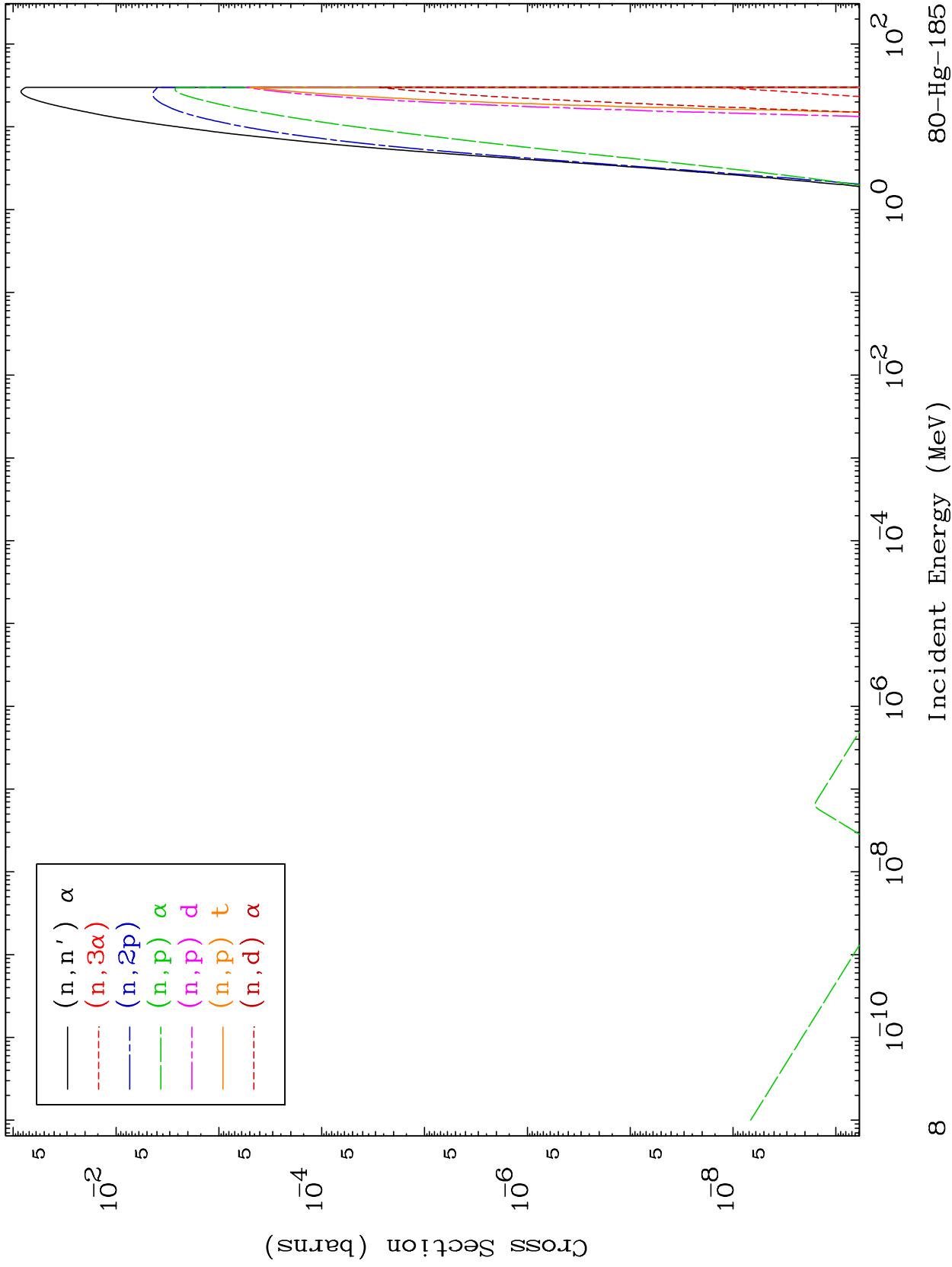
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

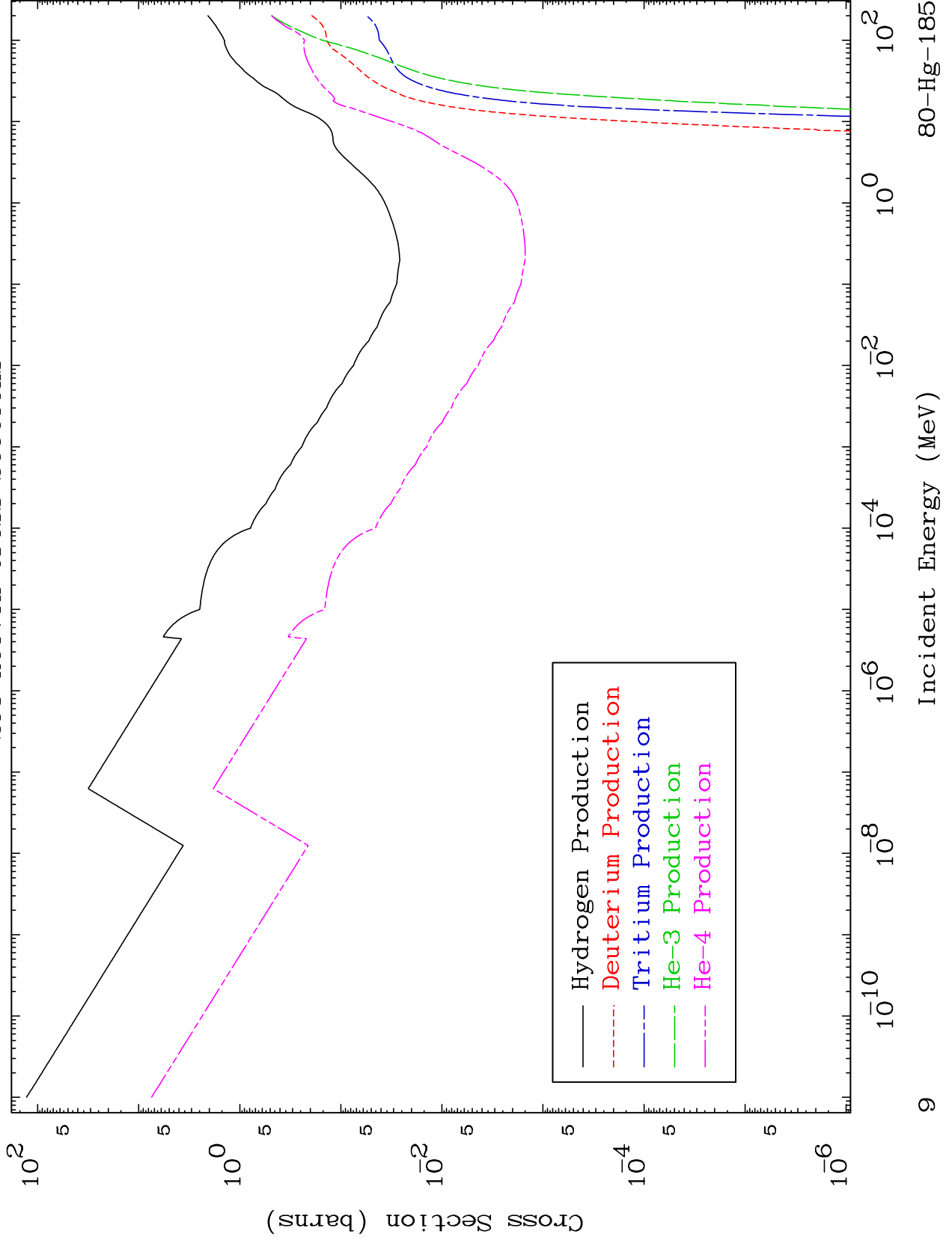
80-Hg-185



MAT 7992

Particle Production
293 Kelvin Cross Sections

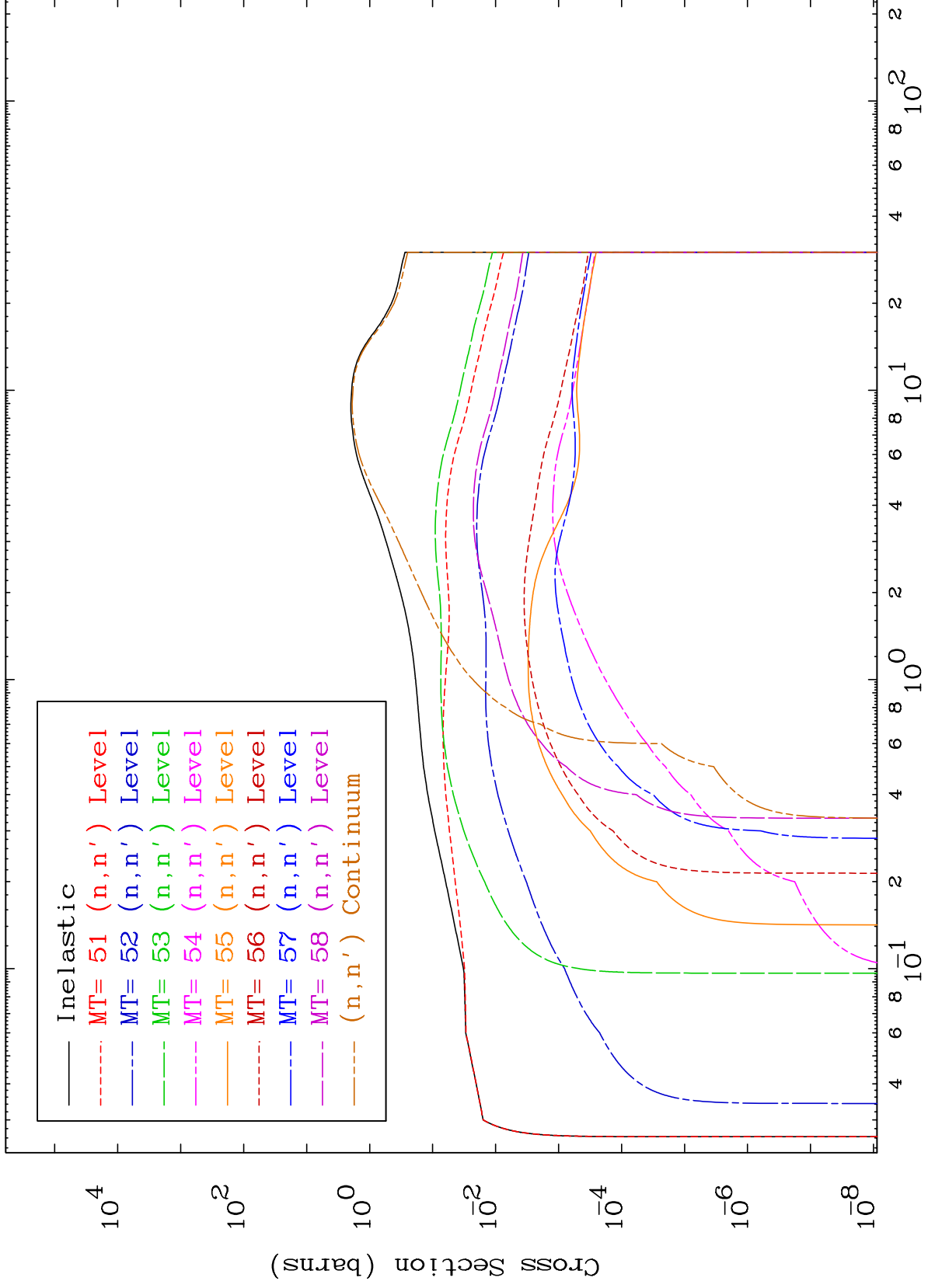
80-Hg-185



MAT 7992

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-185



10

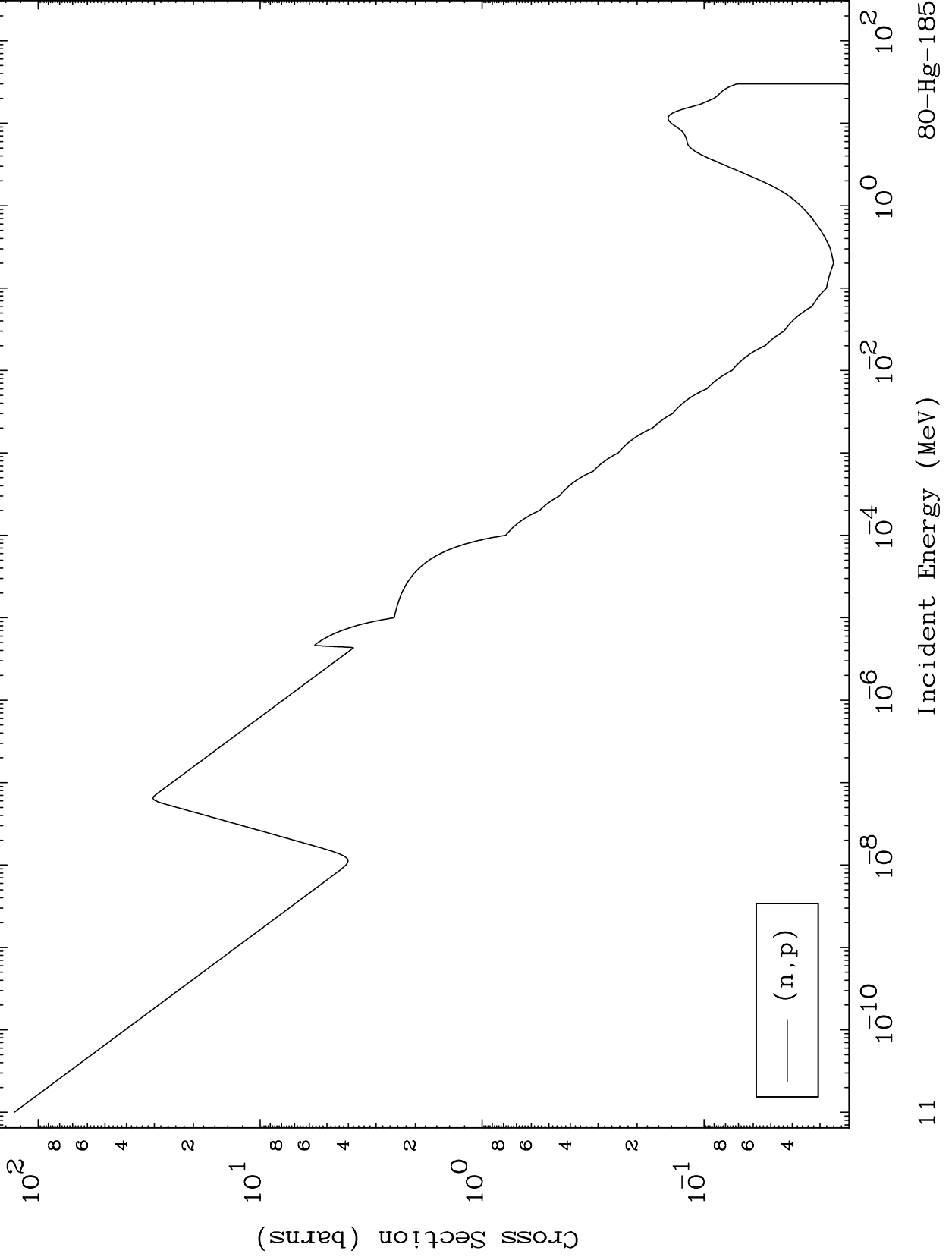
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,p) Levels
293 Kelvin Cross Sections

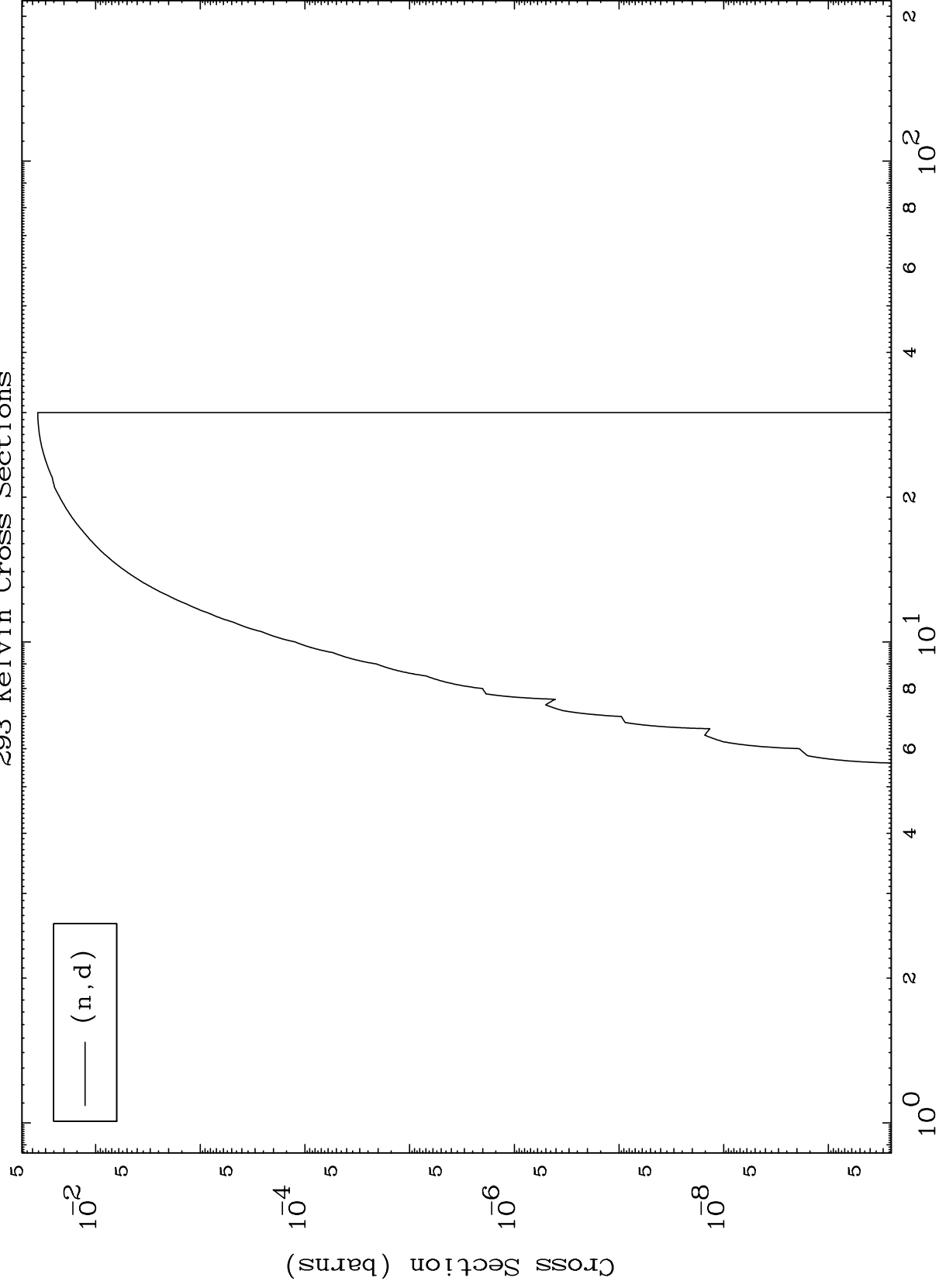
80-Hg-185



MAT 7992

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-185



Incident Energy (MeV)

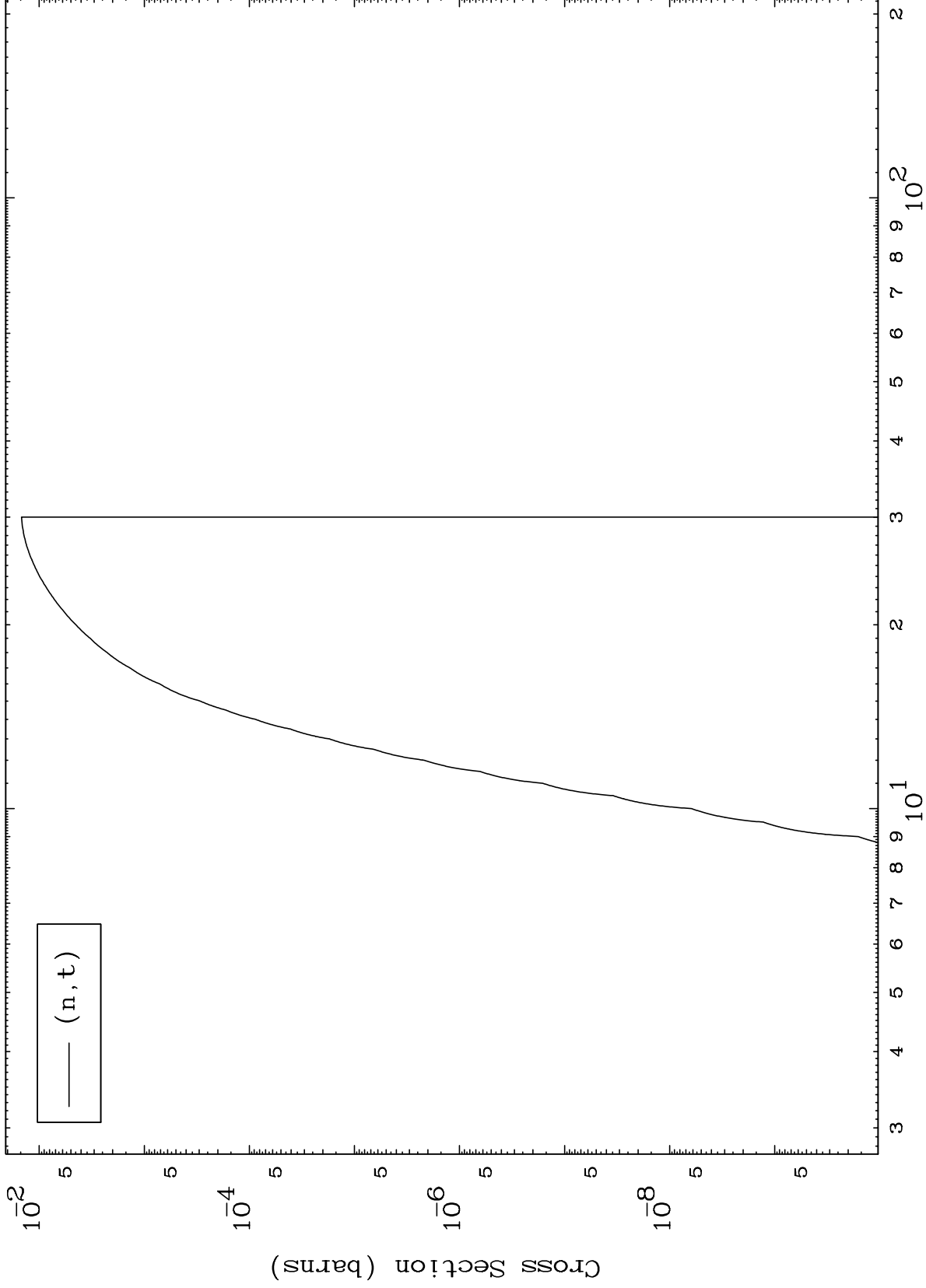
80-Hg-185

12

MAT 7992

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-185



13

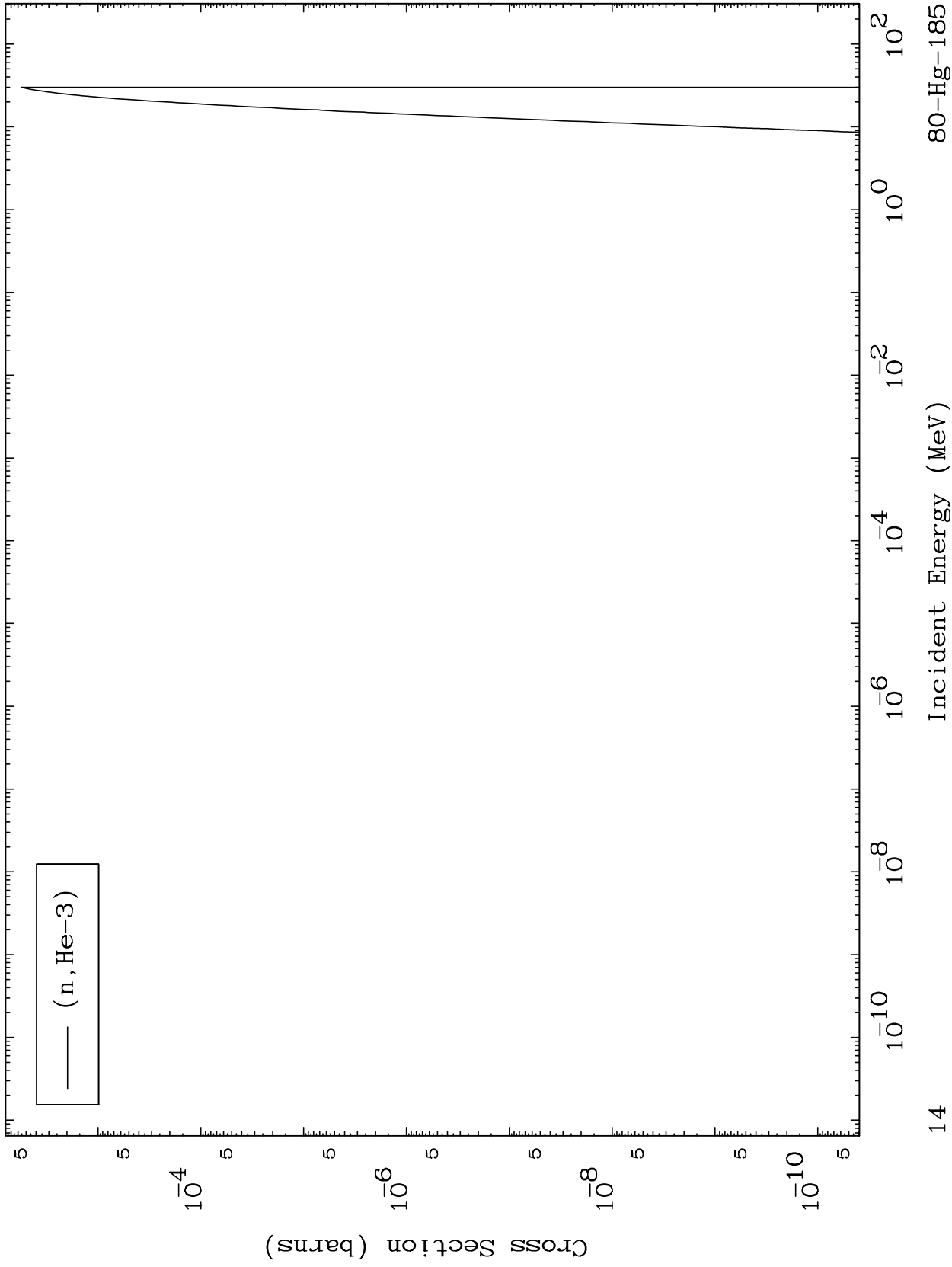
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,He3) Levels
293 Kelvin Cross Sections

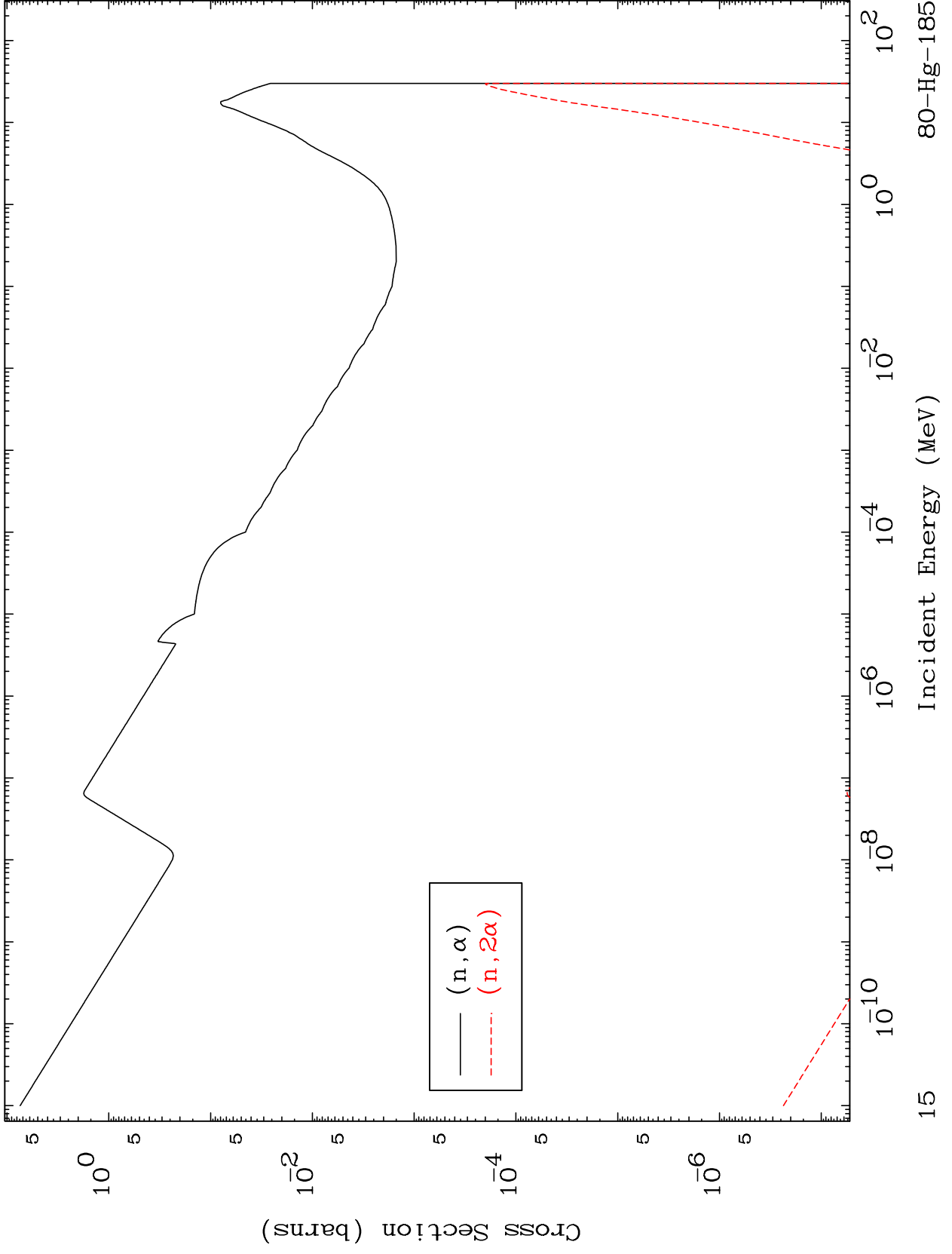
80-Hg-185



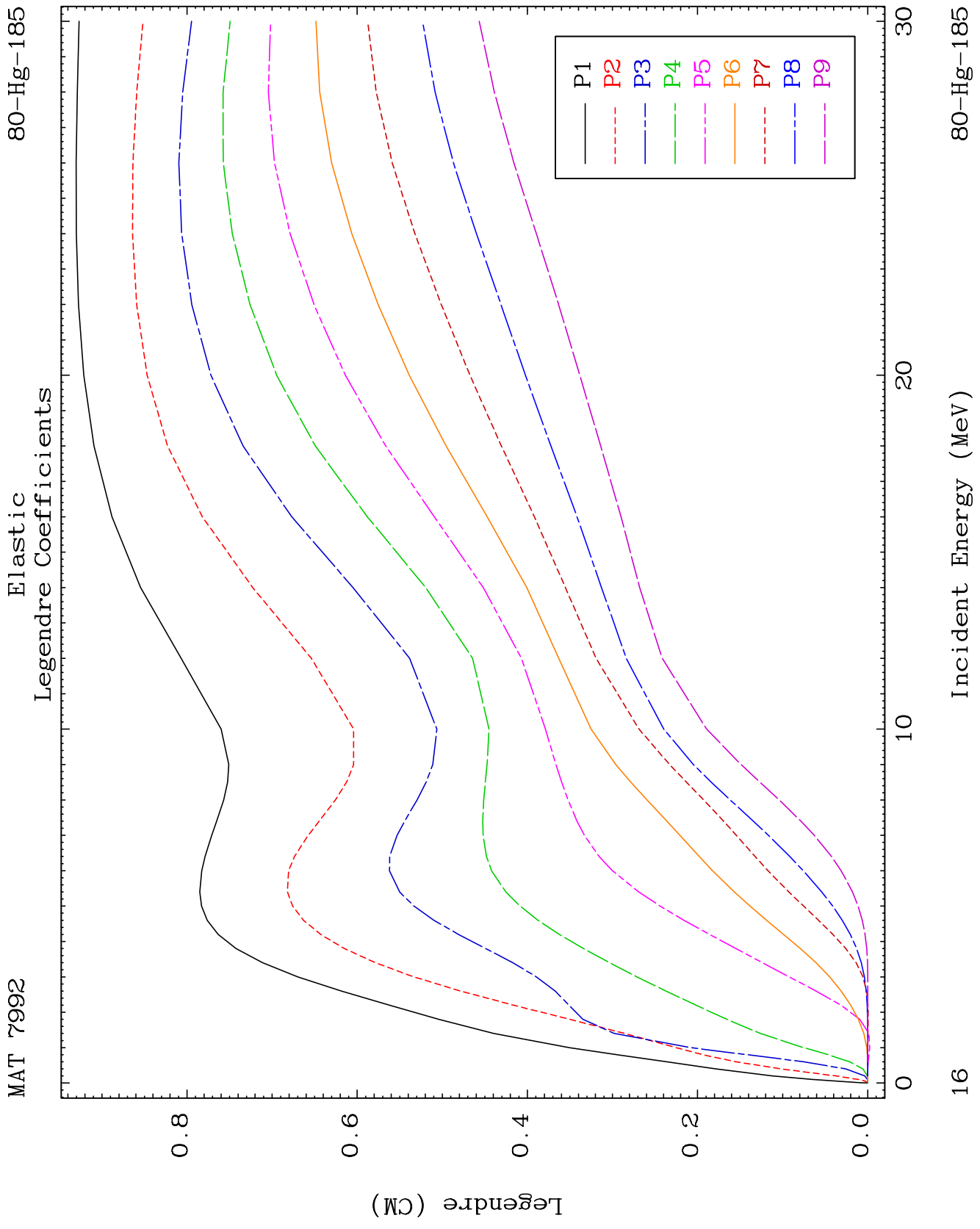
MAT 7992

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-185



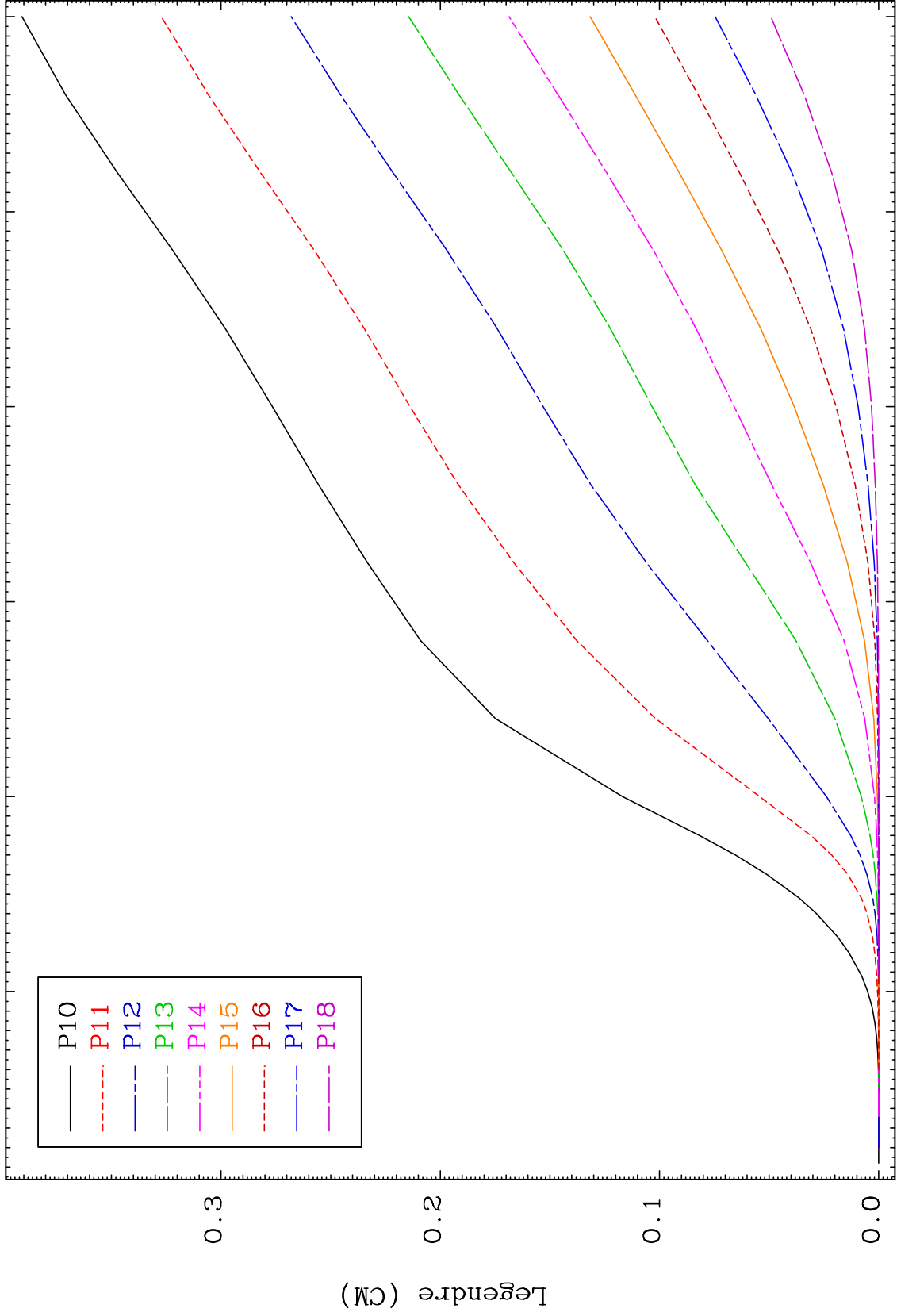
15



MAT 7992

Elastic Legendre Coefficients

80-Hg-185



17

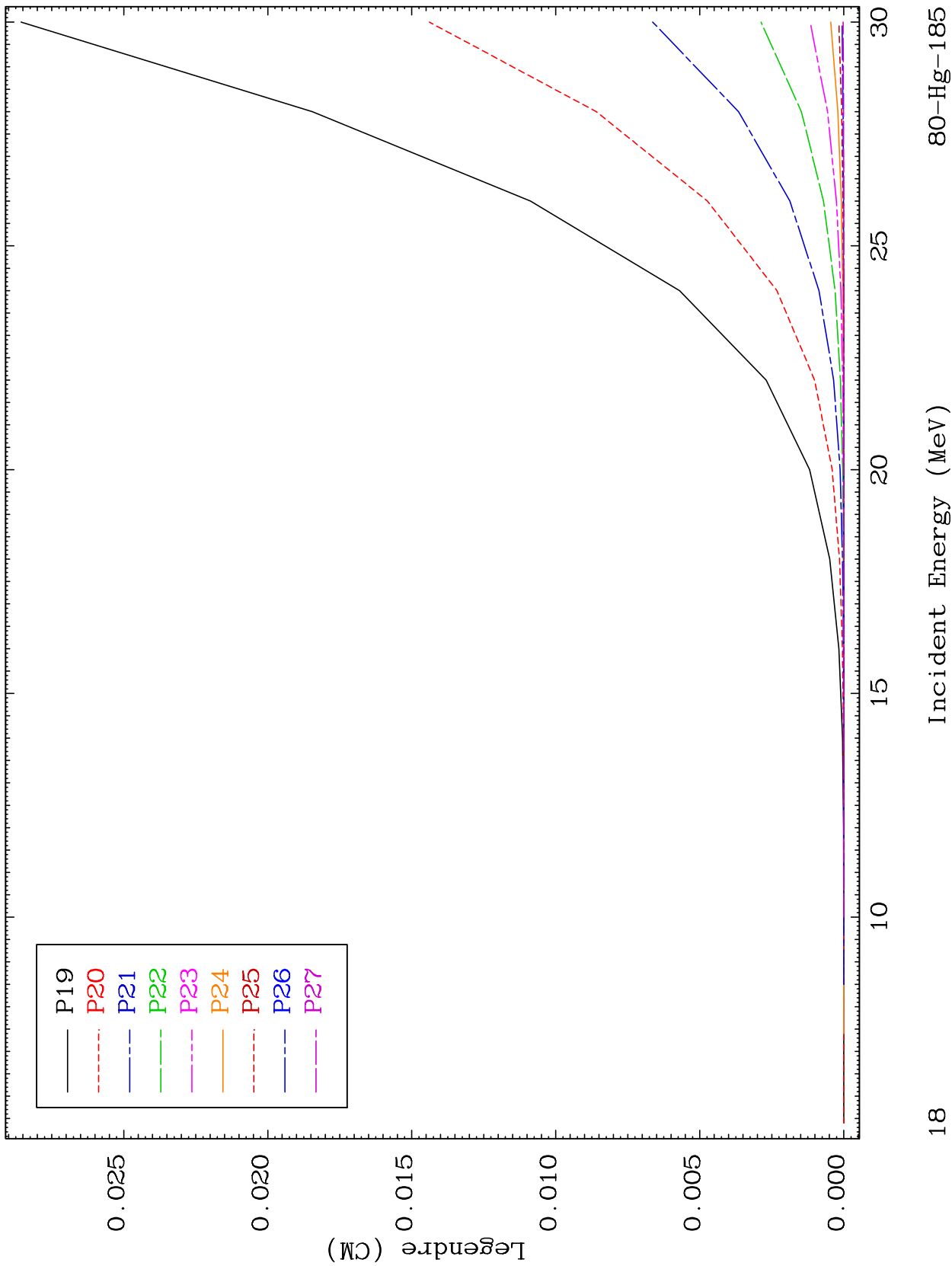
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



18

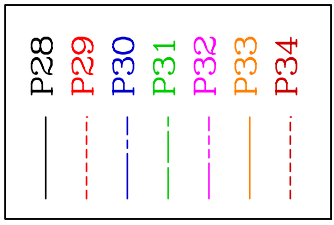
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic
Legendre Coefficients

80-Hg-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

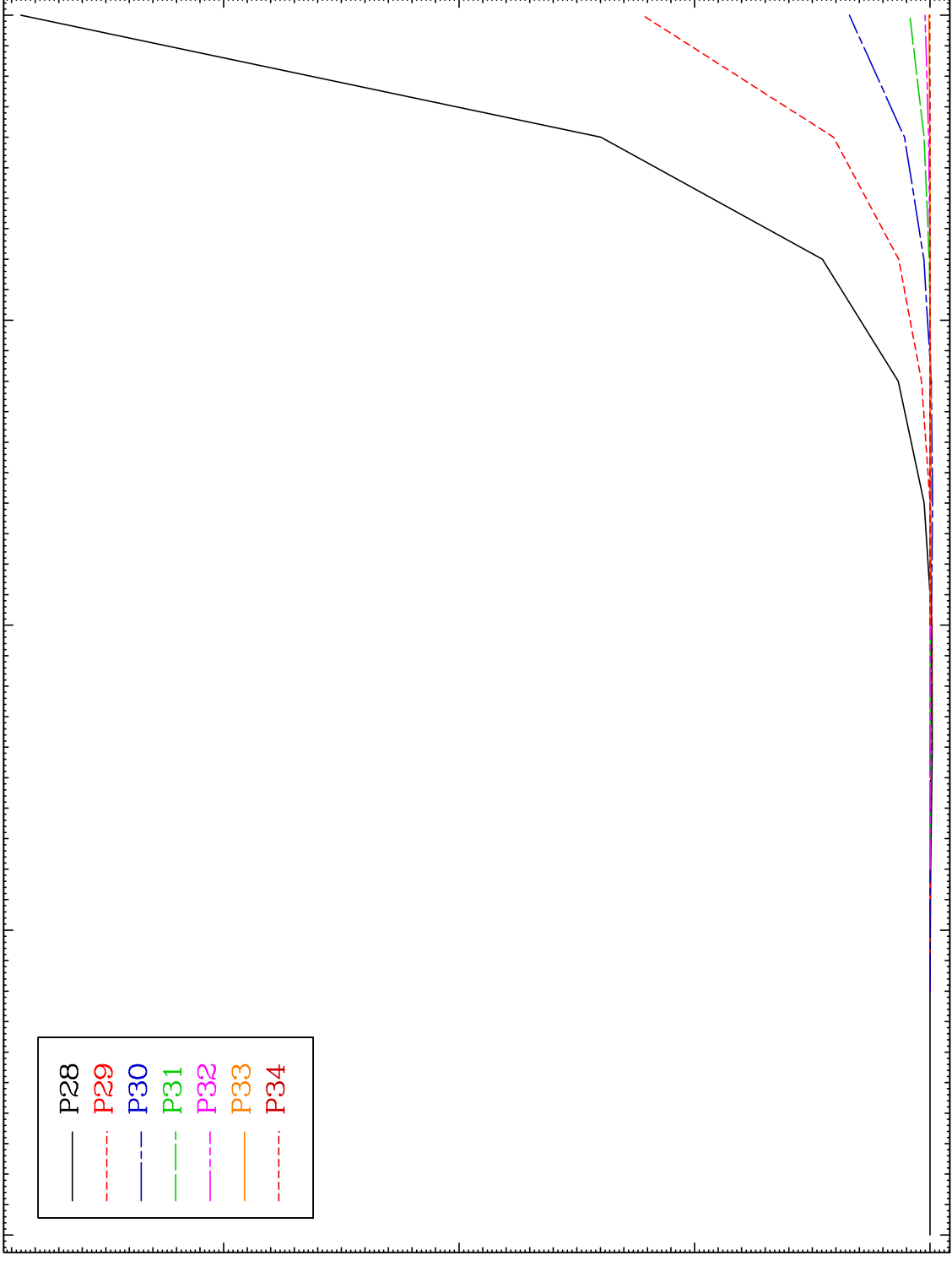
25

30

19

Incident Energy (MeV)

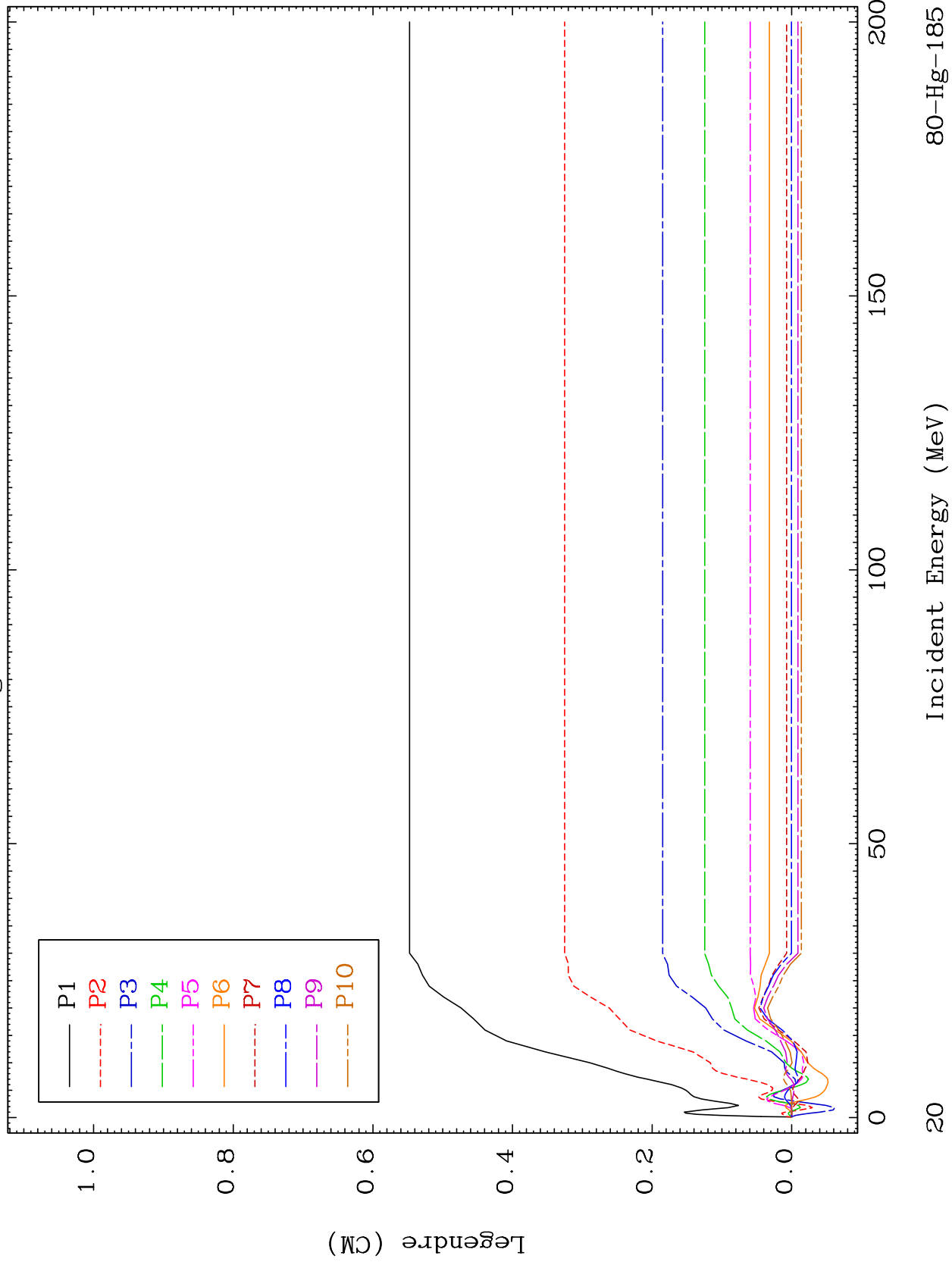
80-Hg-185

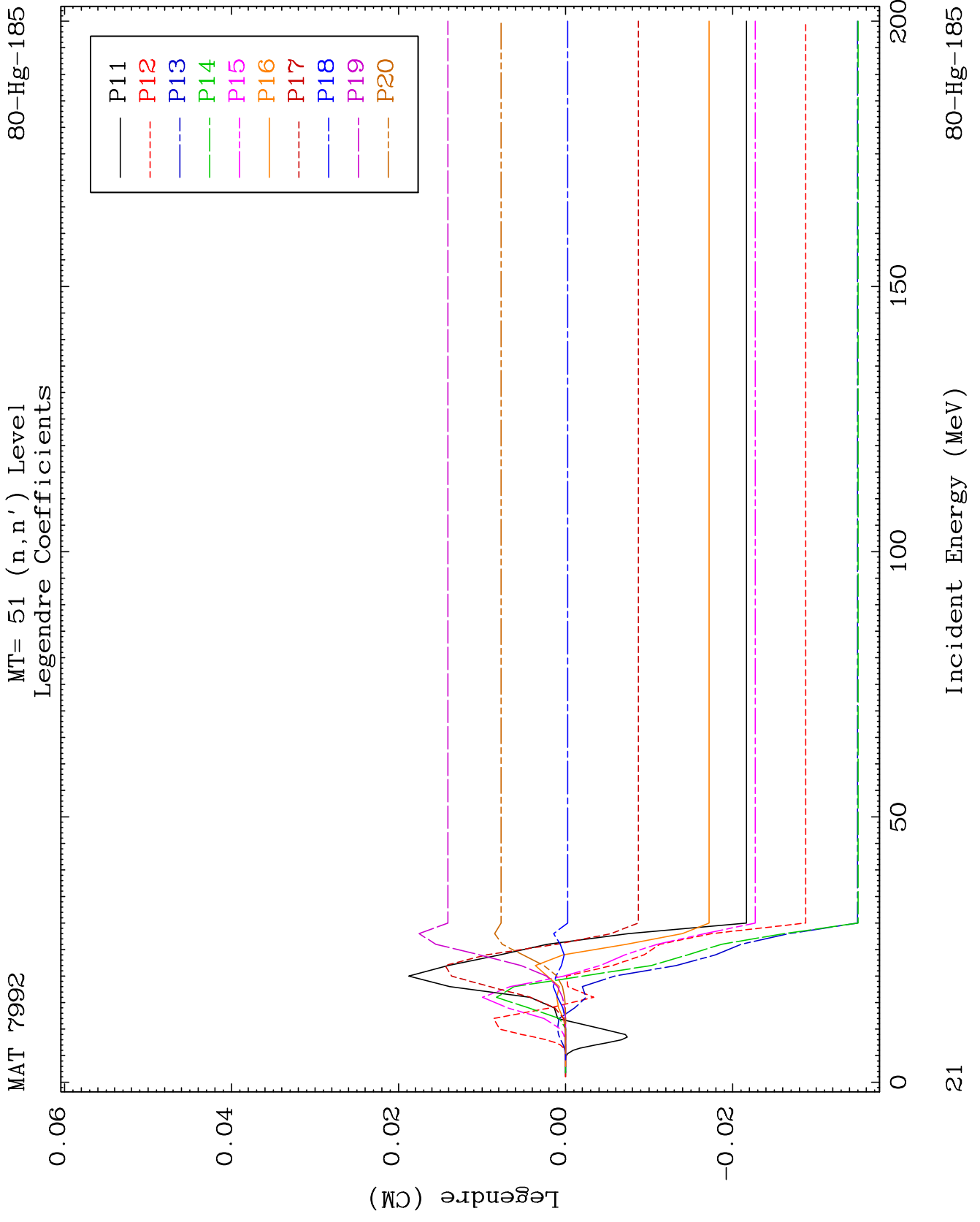


MAT 7992

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

80-Hg-185

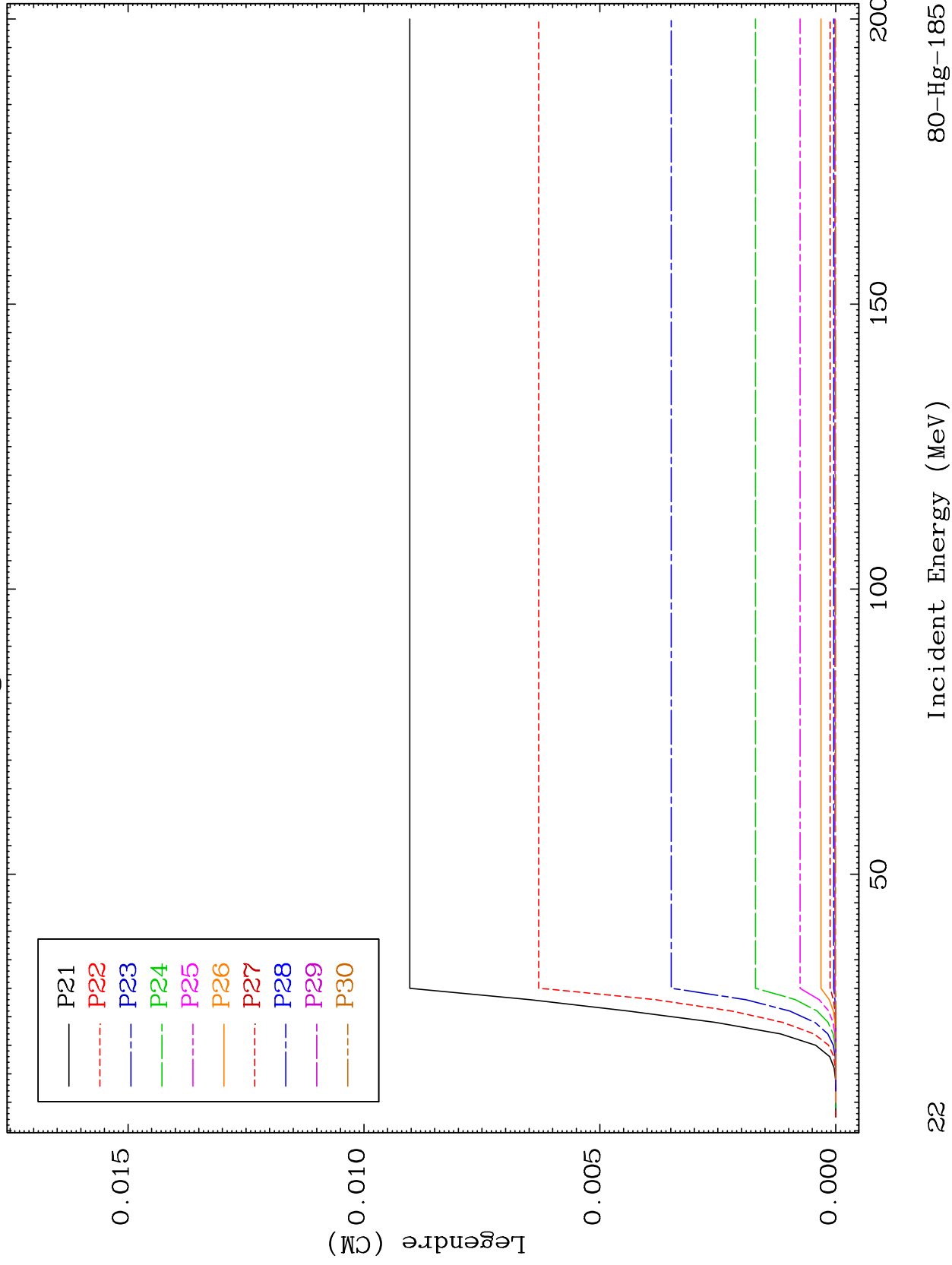




MAT 7992

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

80-Hg-185



22

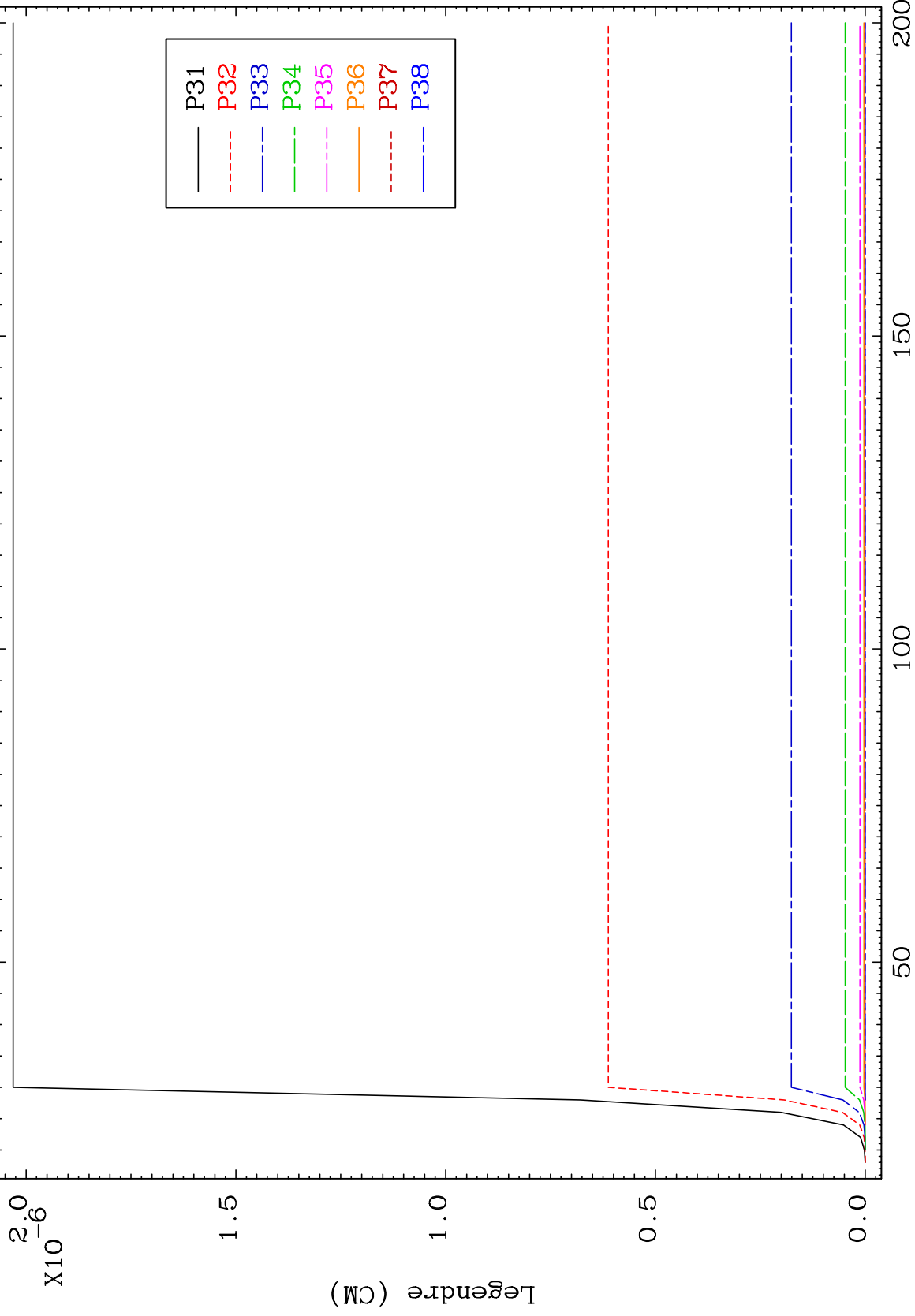
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

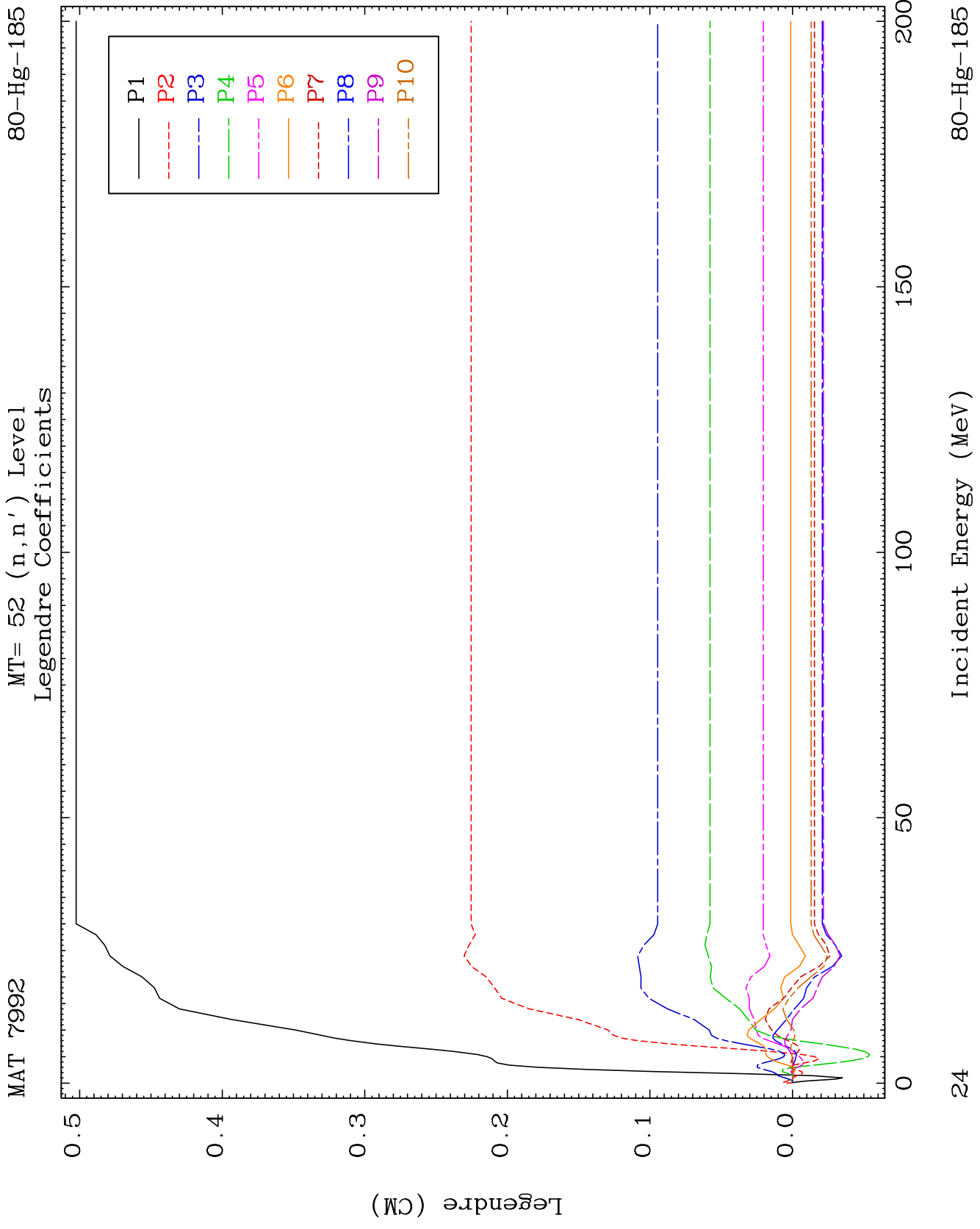
80-Hg-185



23

Incident Energy (MeV)

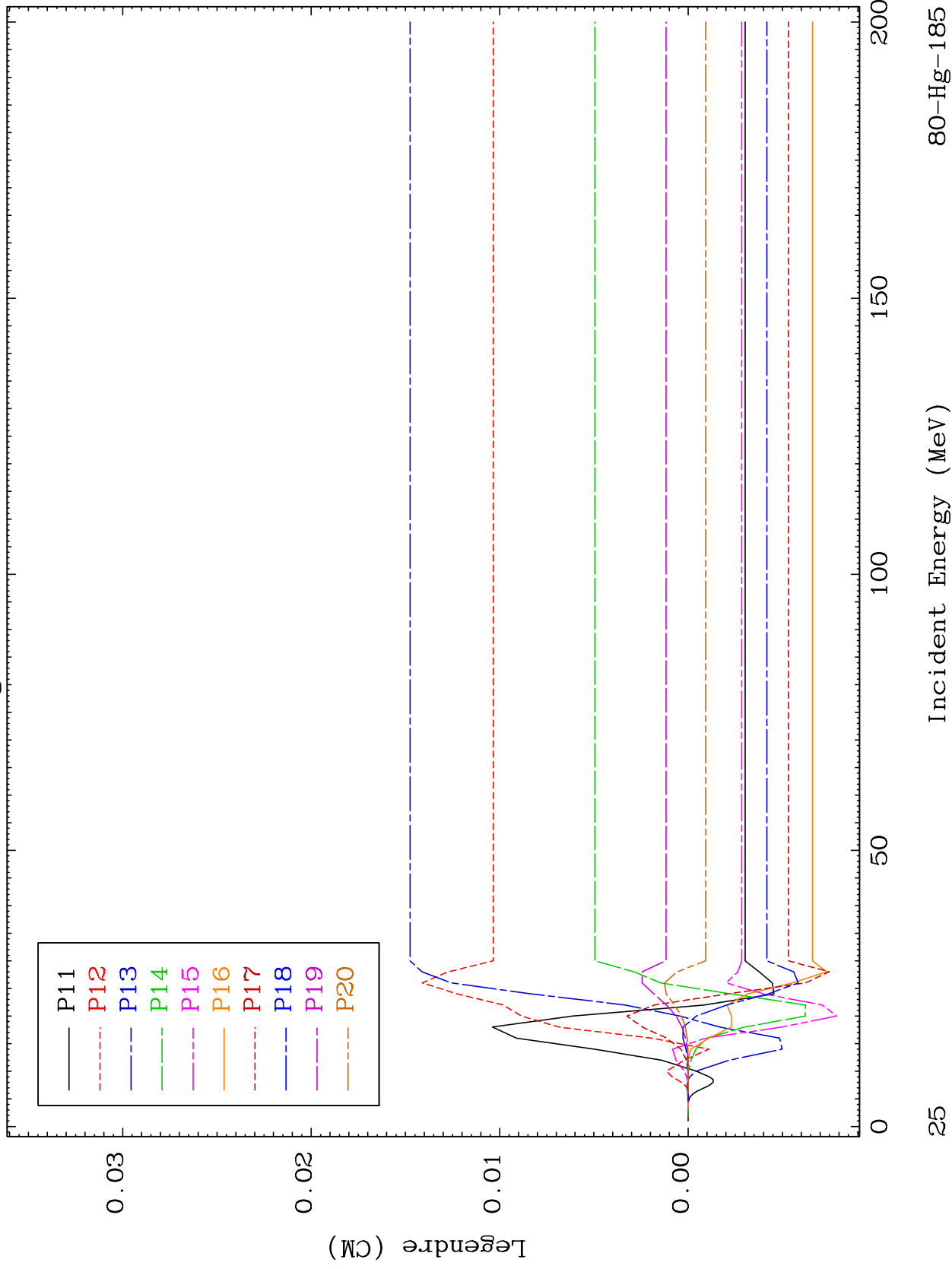
80-Hg-185

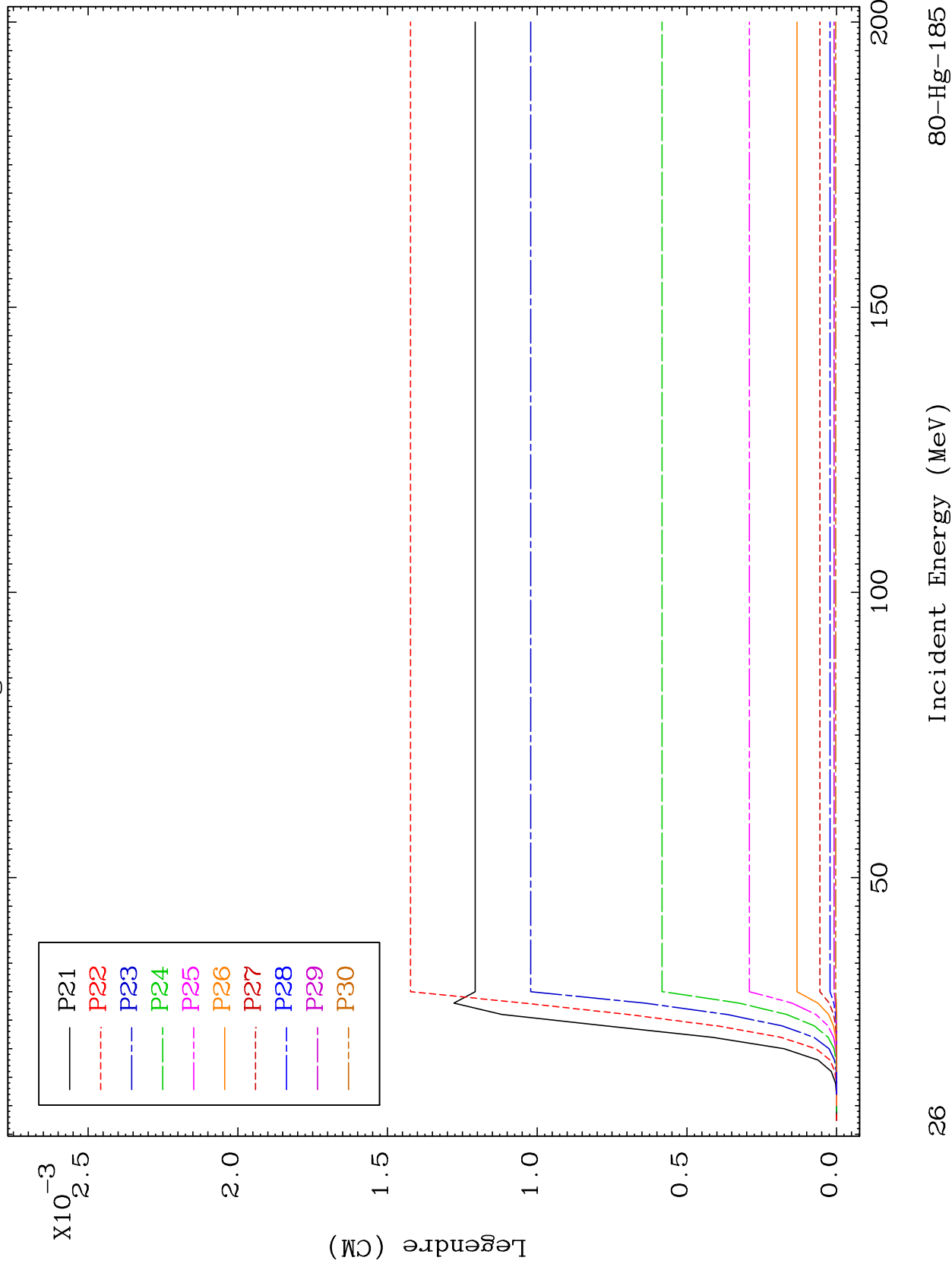


MAT 7992

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

80-Hg-185

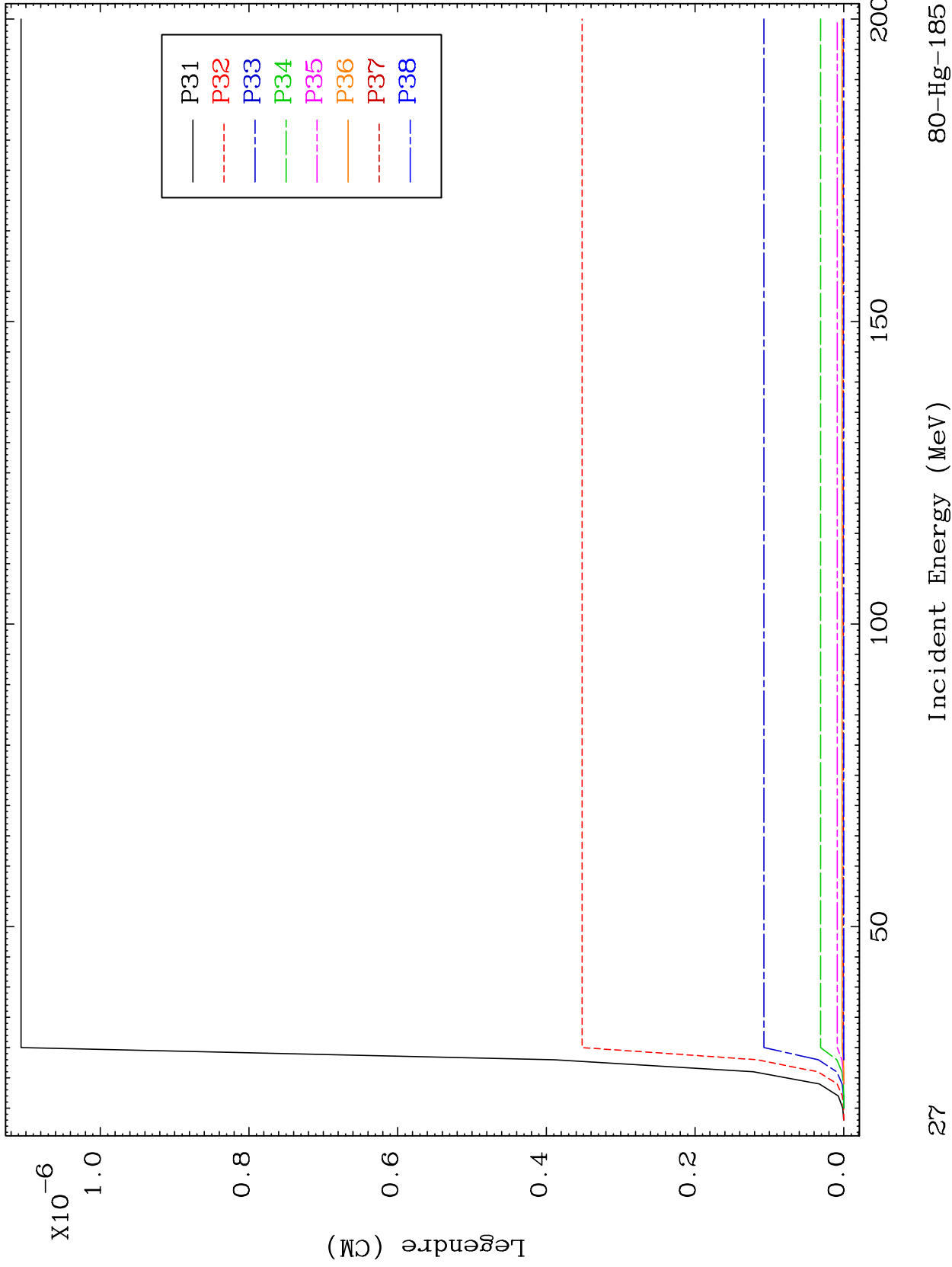




MAT 7992

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

80-Hg-185



27

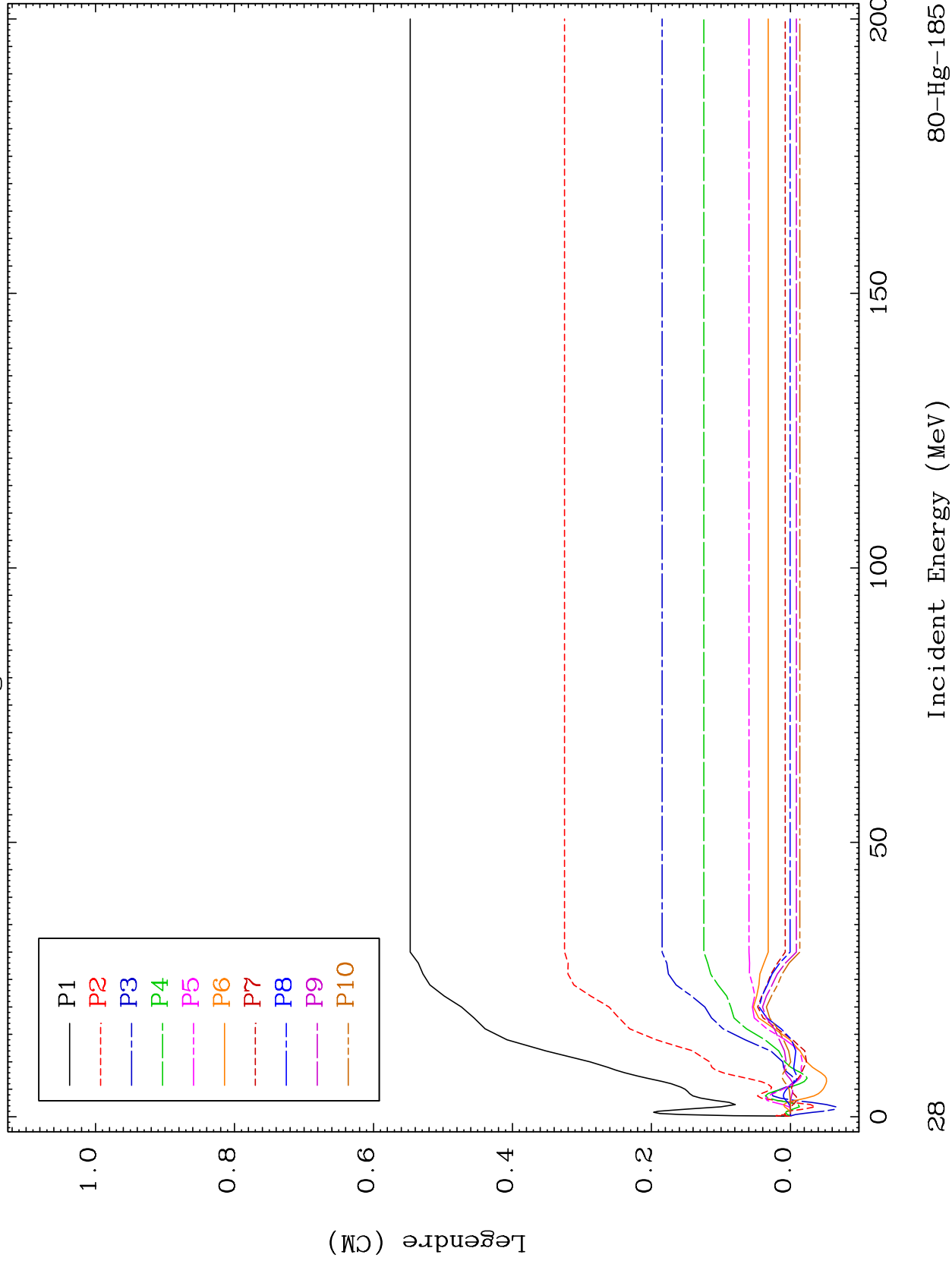
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

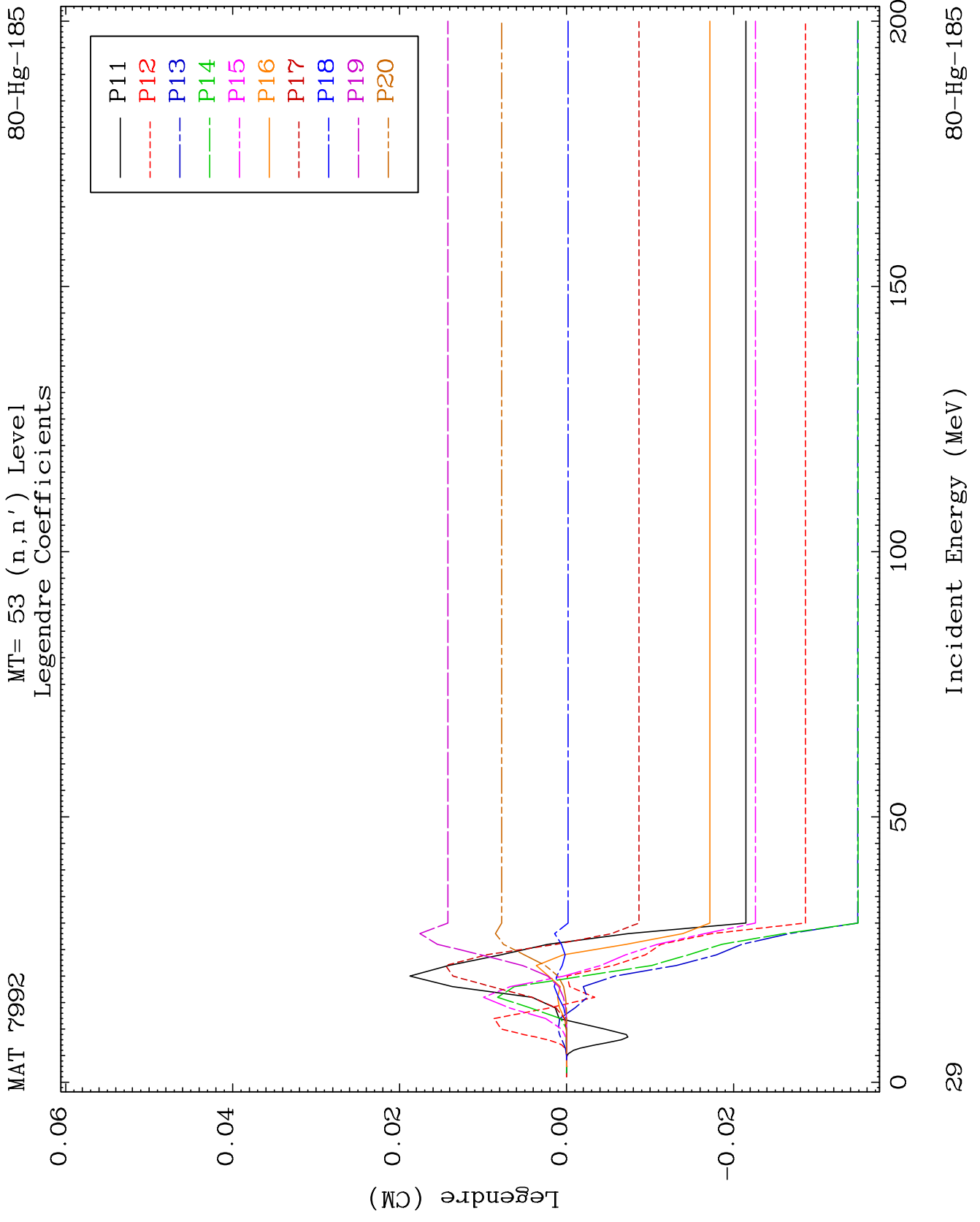
80-Hg-185



28

Incident Energy (MeV)

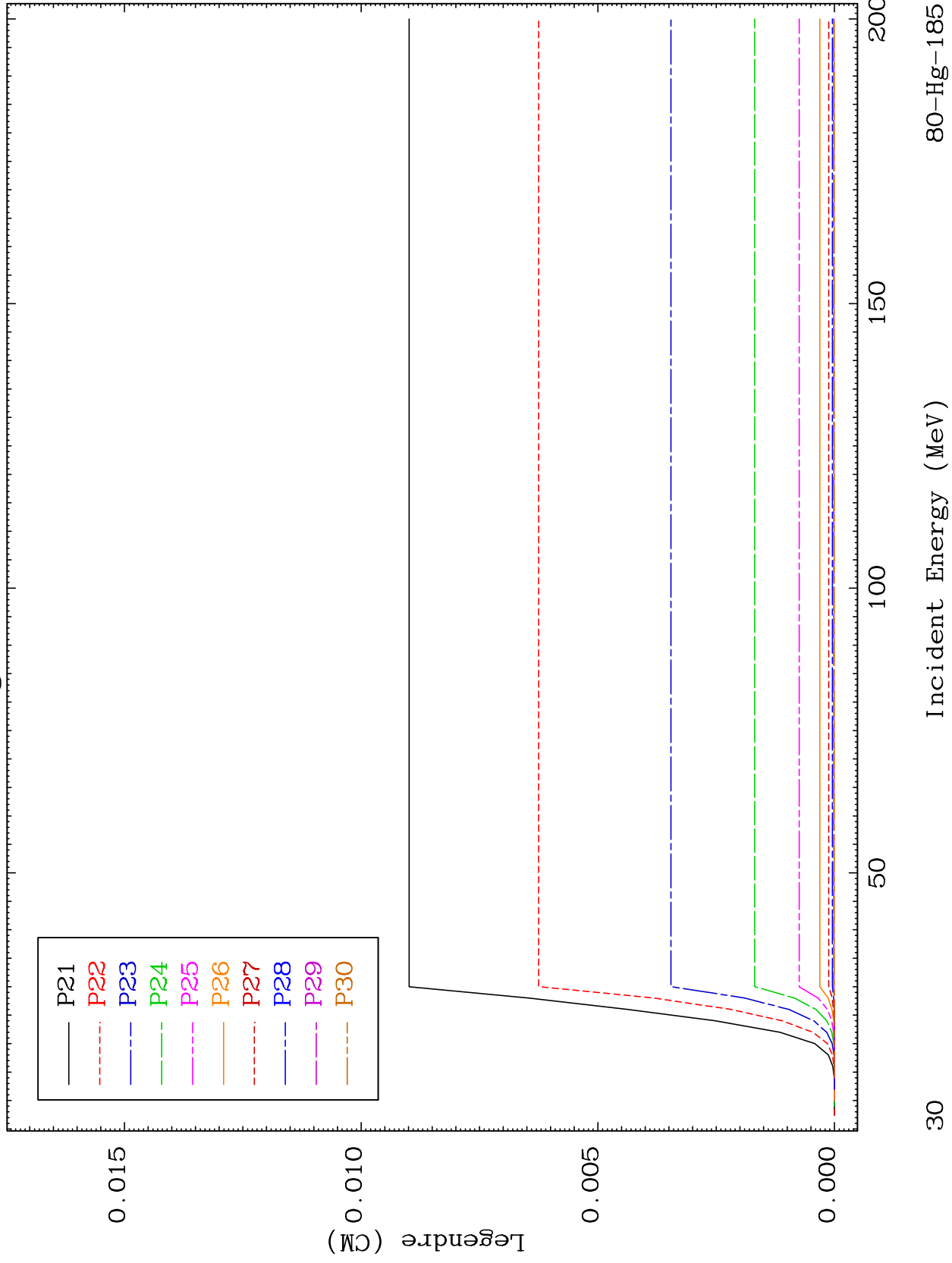
80-Hg-185



MAT 7992

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

80-Hg-185



30

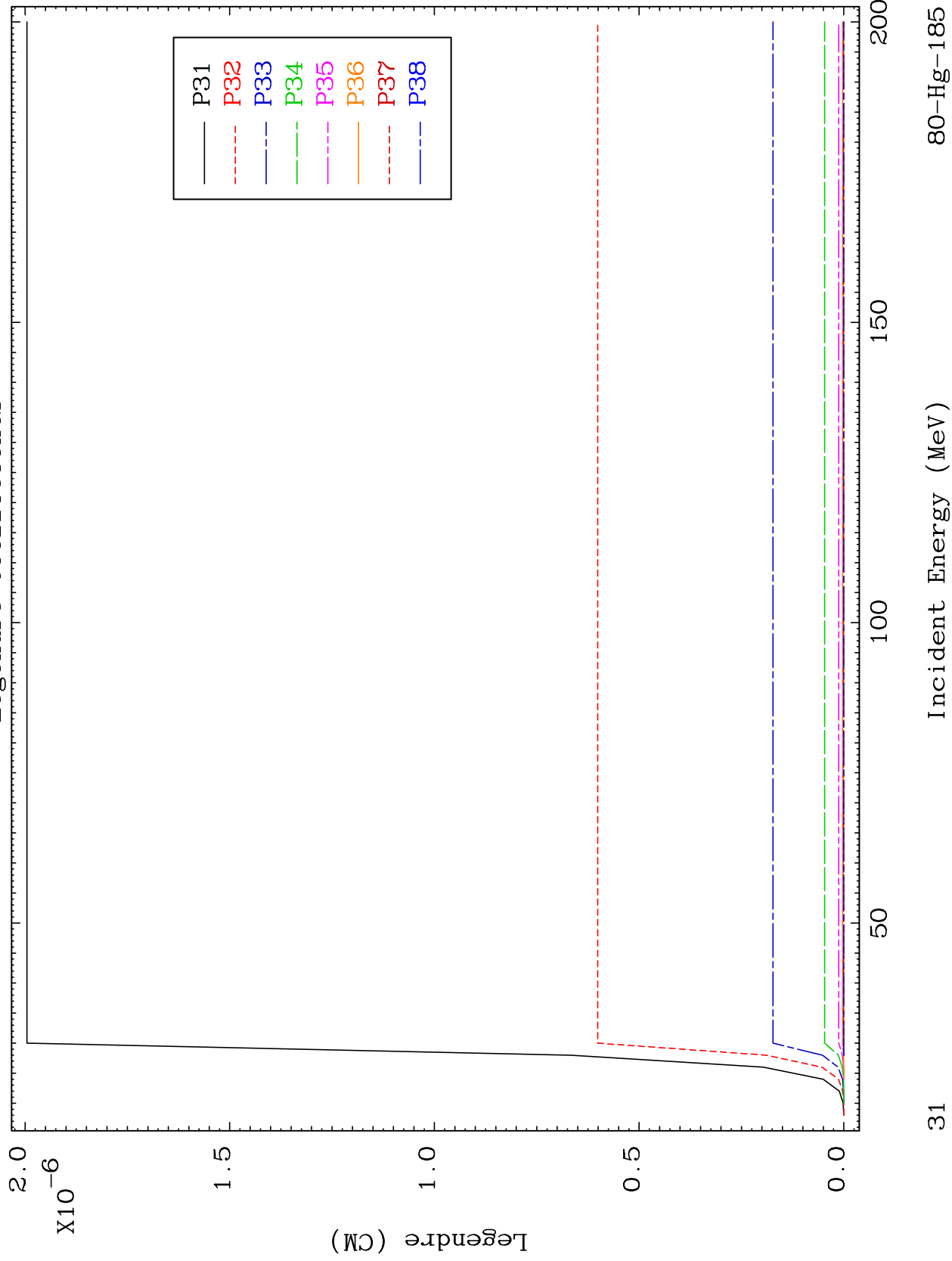
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



31

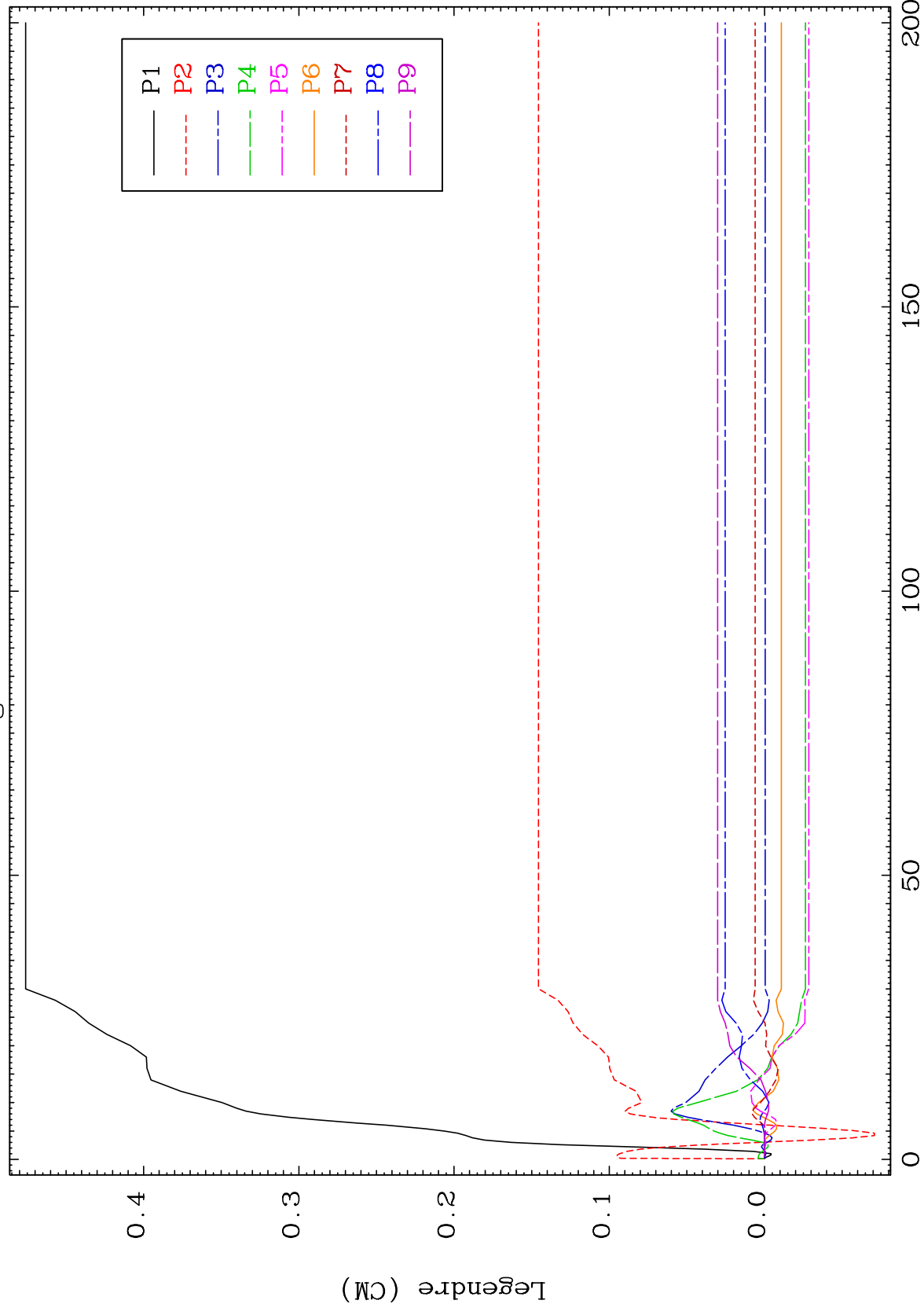
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



80-Hg-185

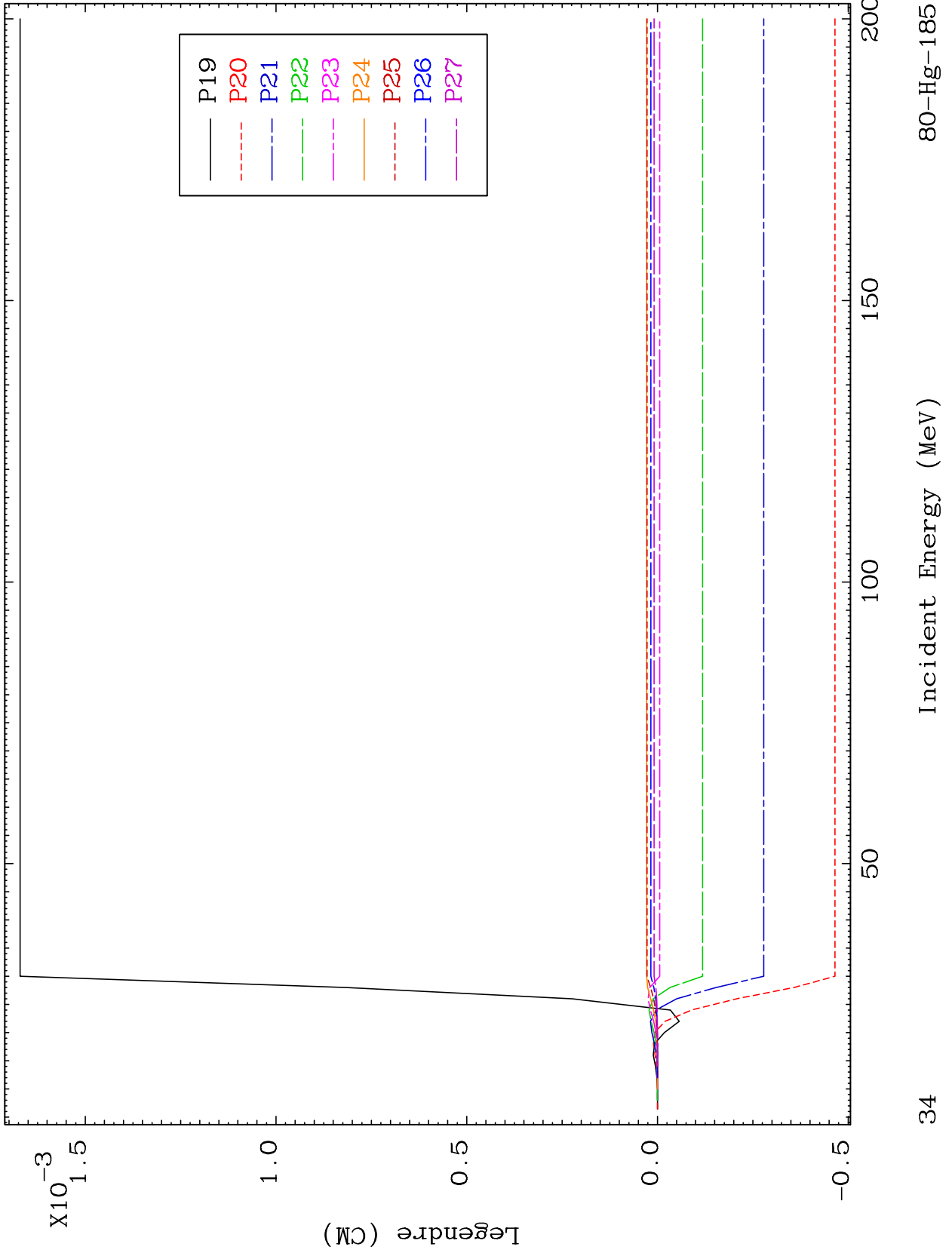
Incident Energy (MeV)

32

MAT 7992

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

80-Hg-185



34

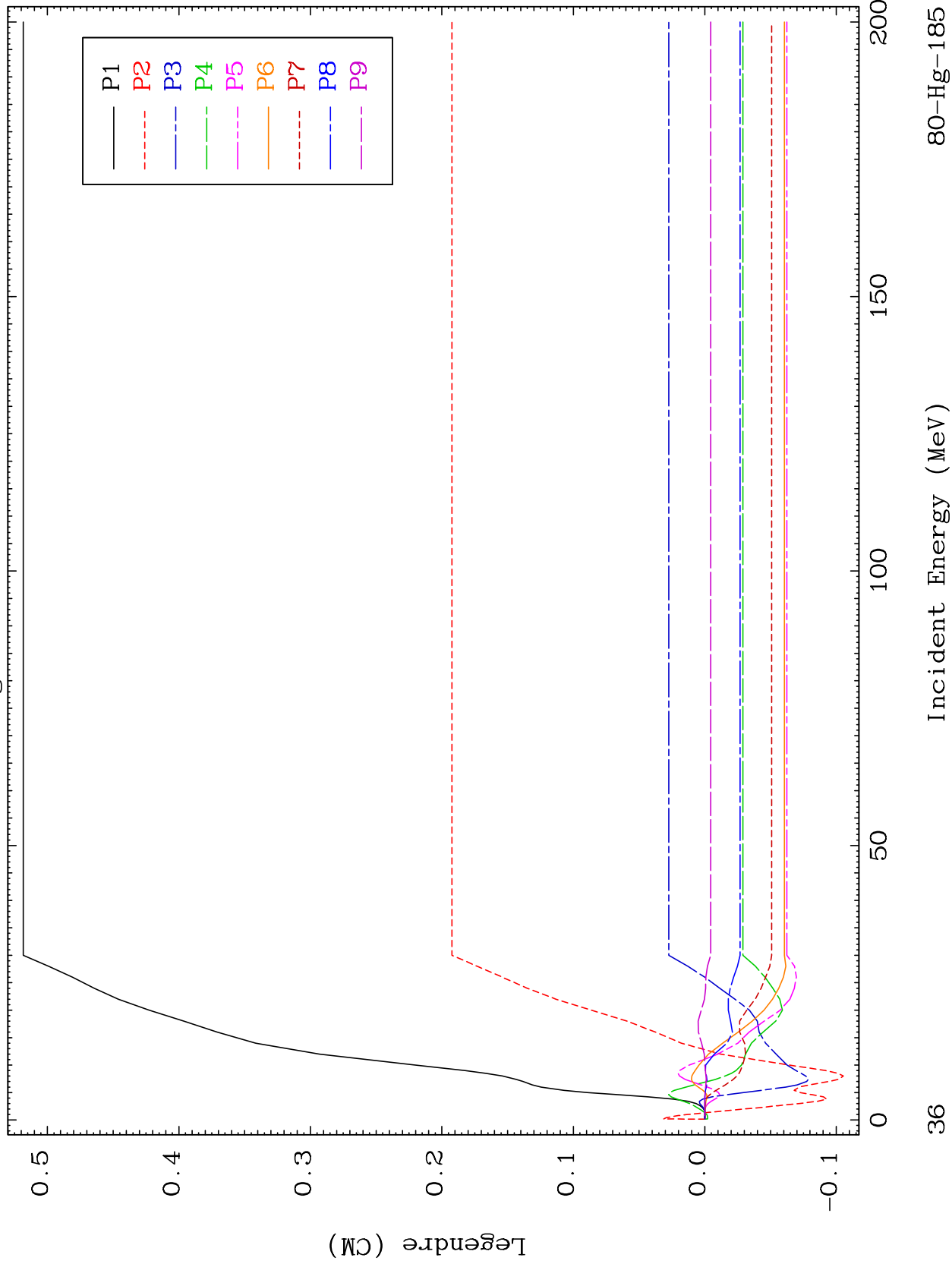
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



80-Hg-185

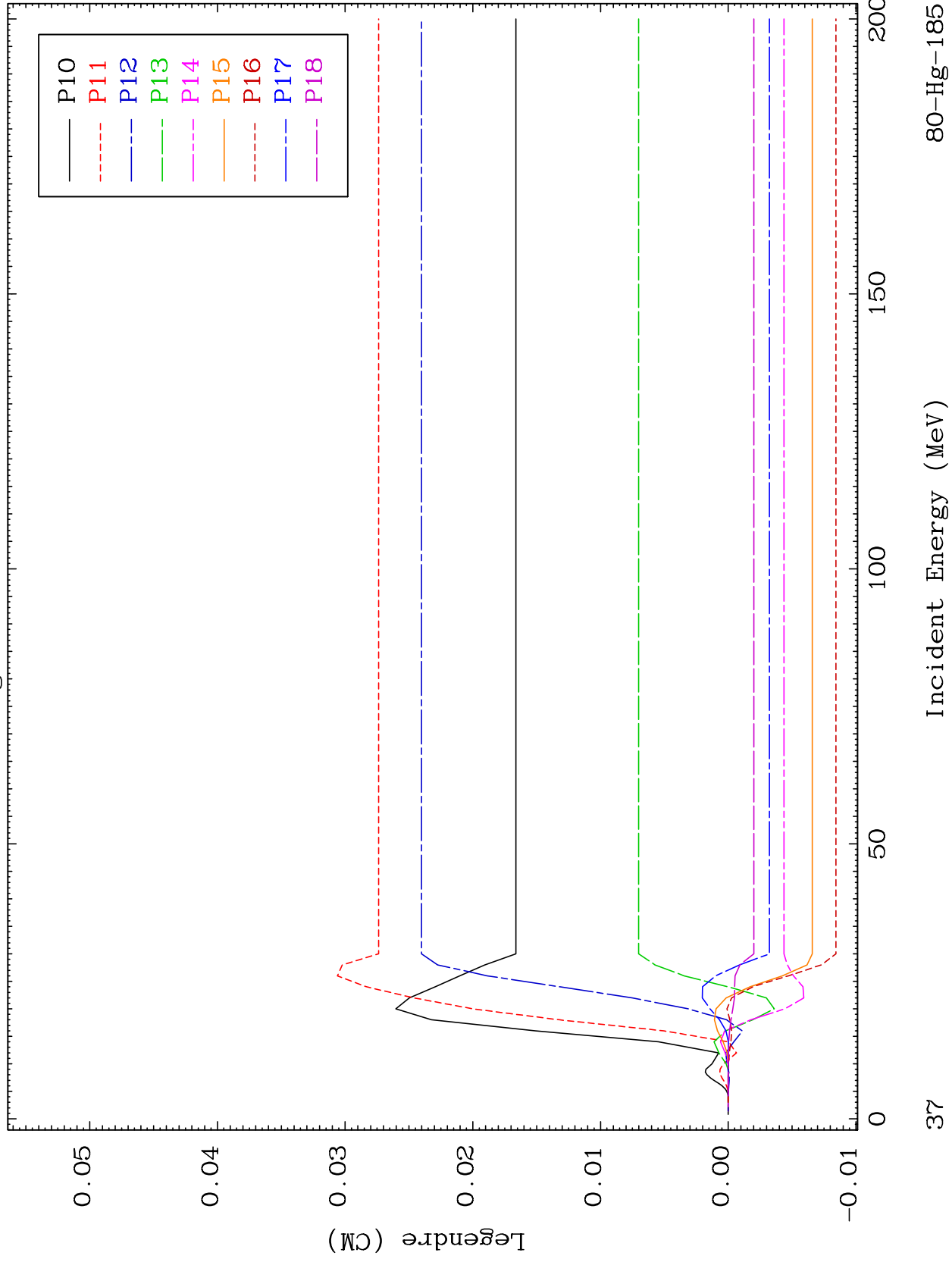
Incident Energy (MeV)

36

MAT 7992

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

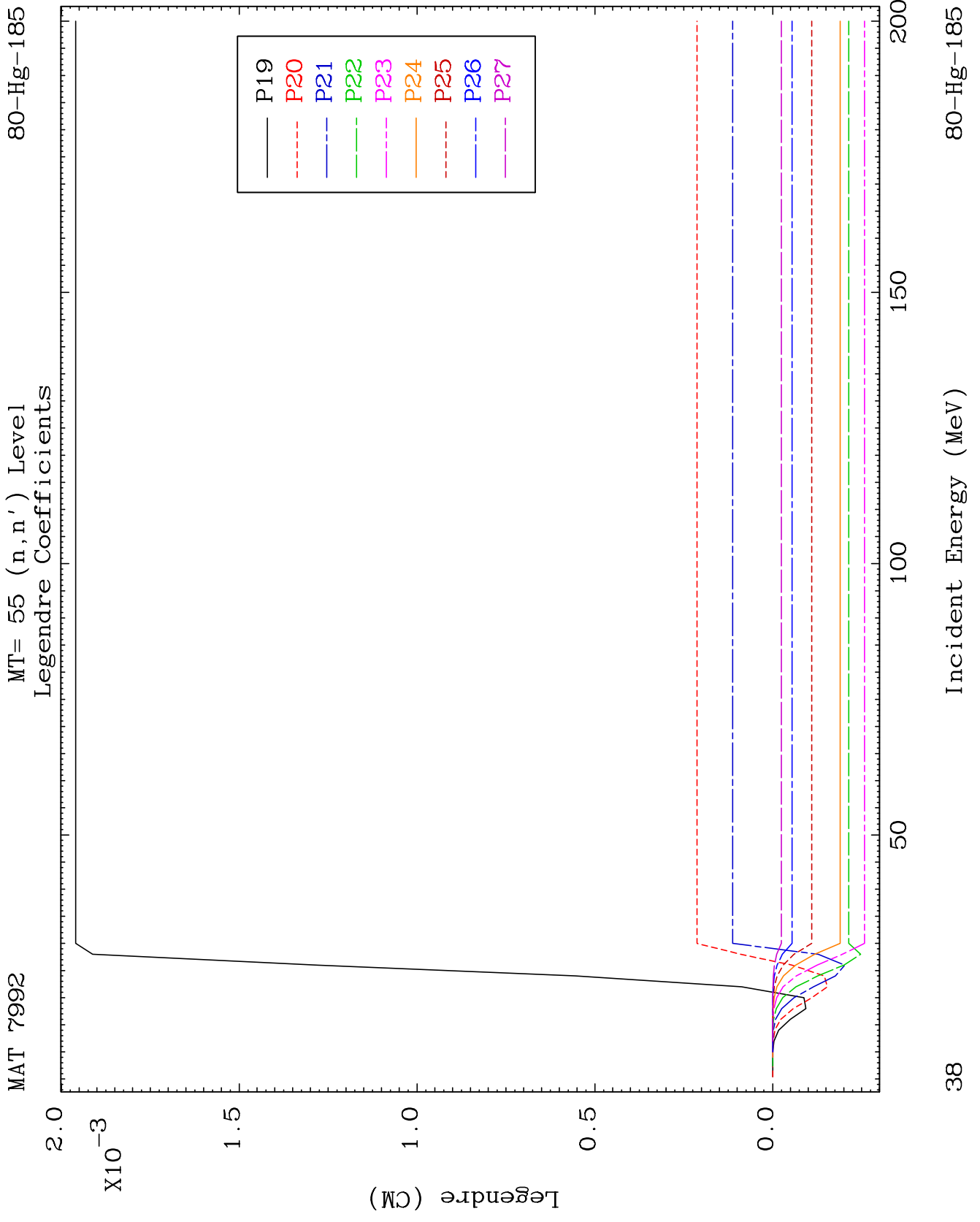
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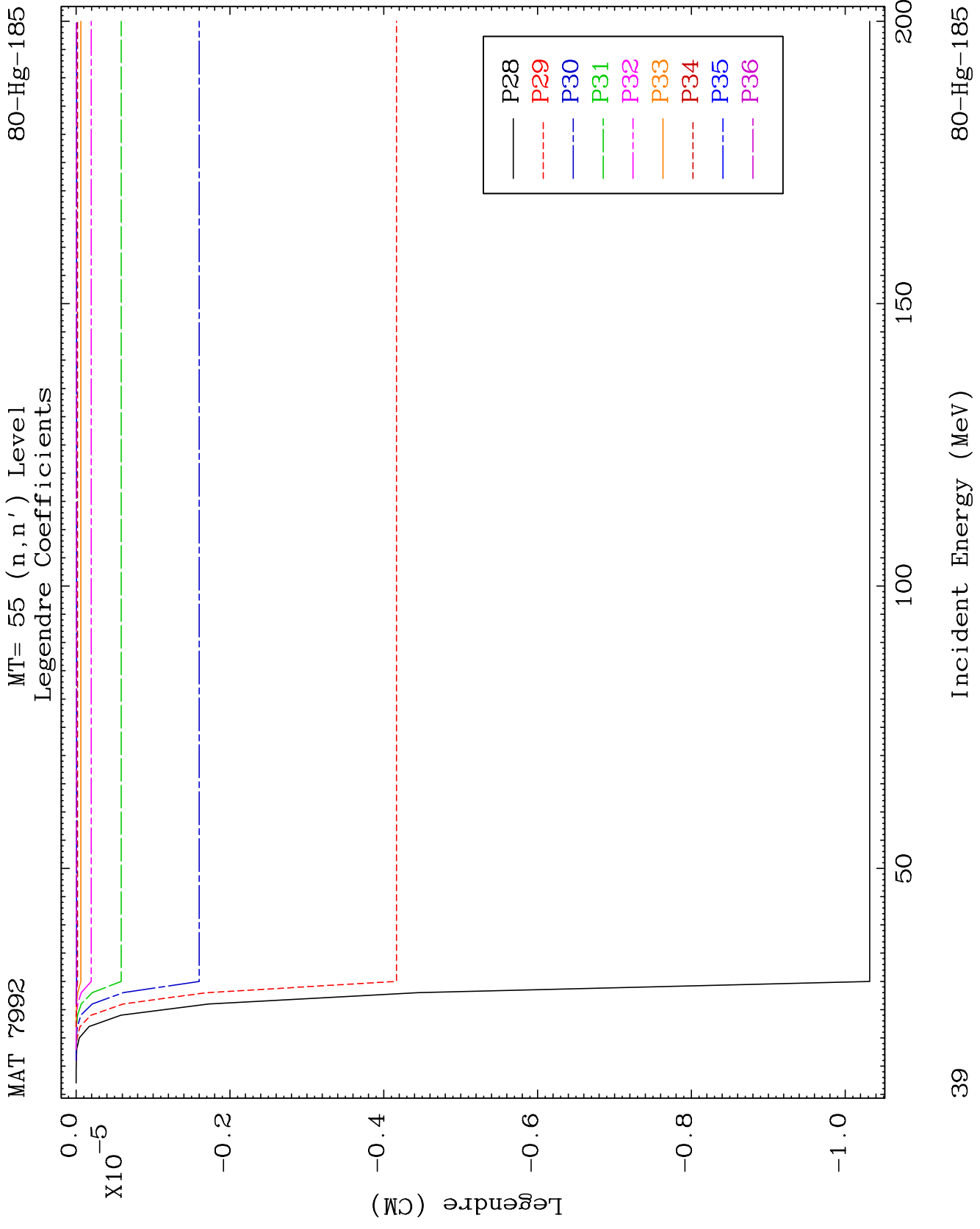


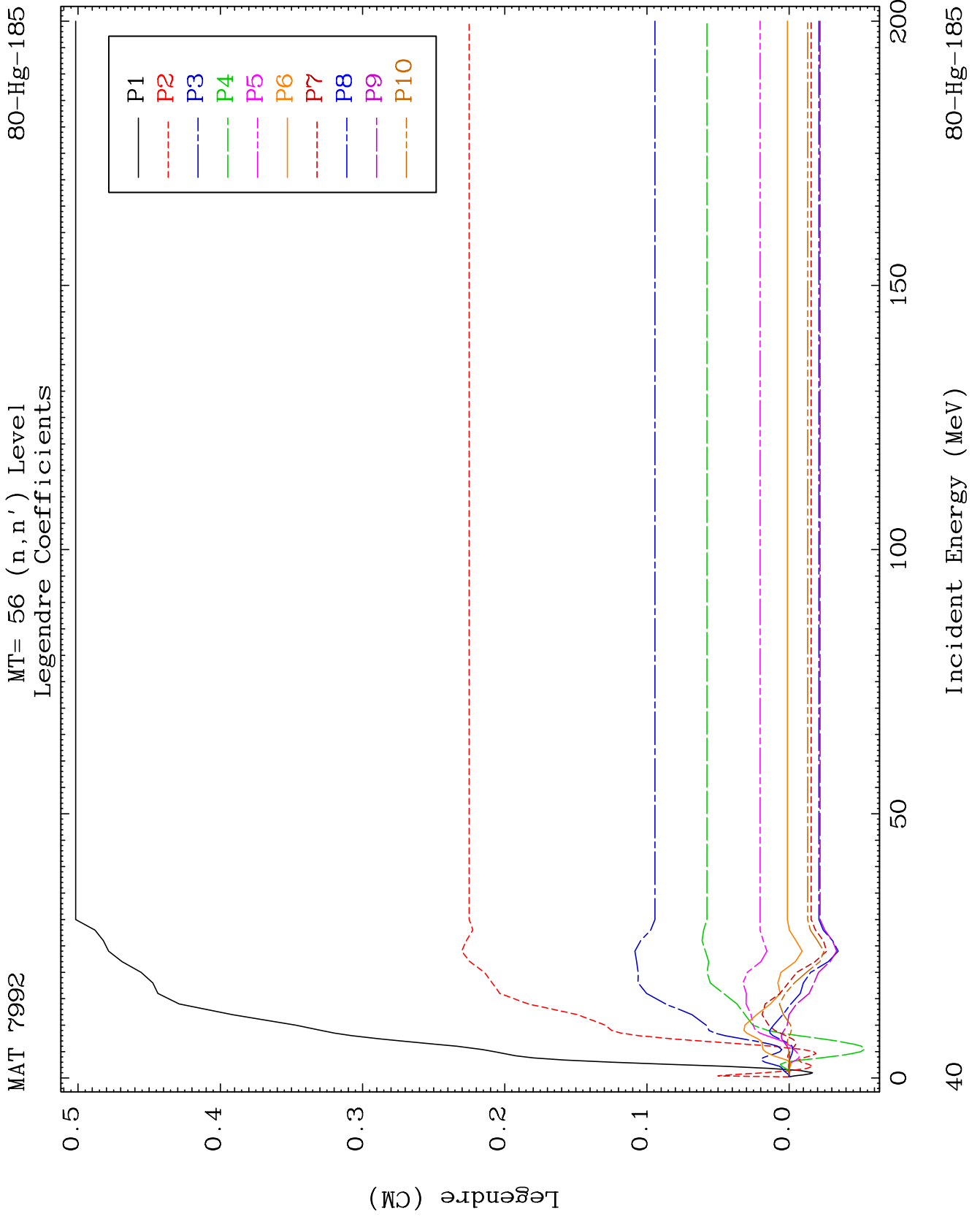
37

Incident Energy (MeV)

80-Hg-185



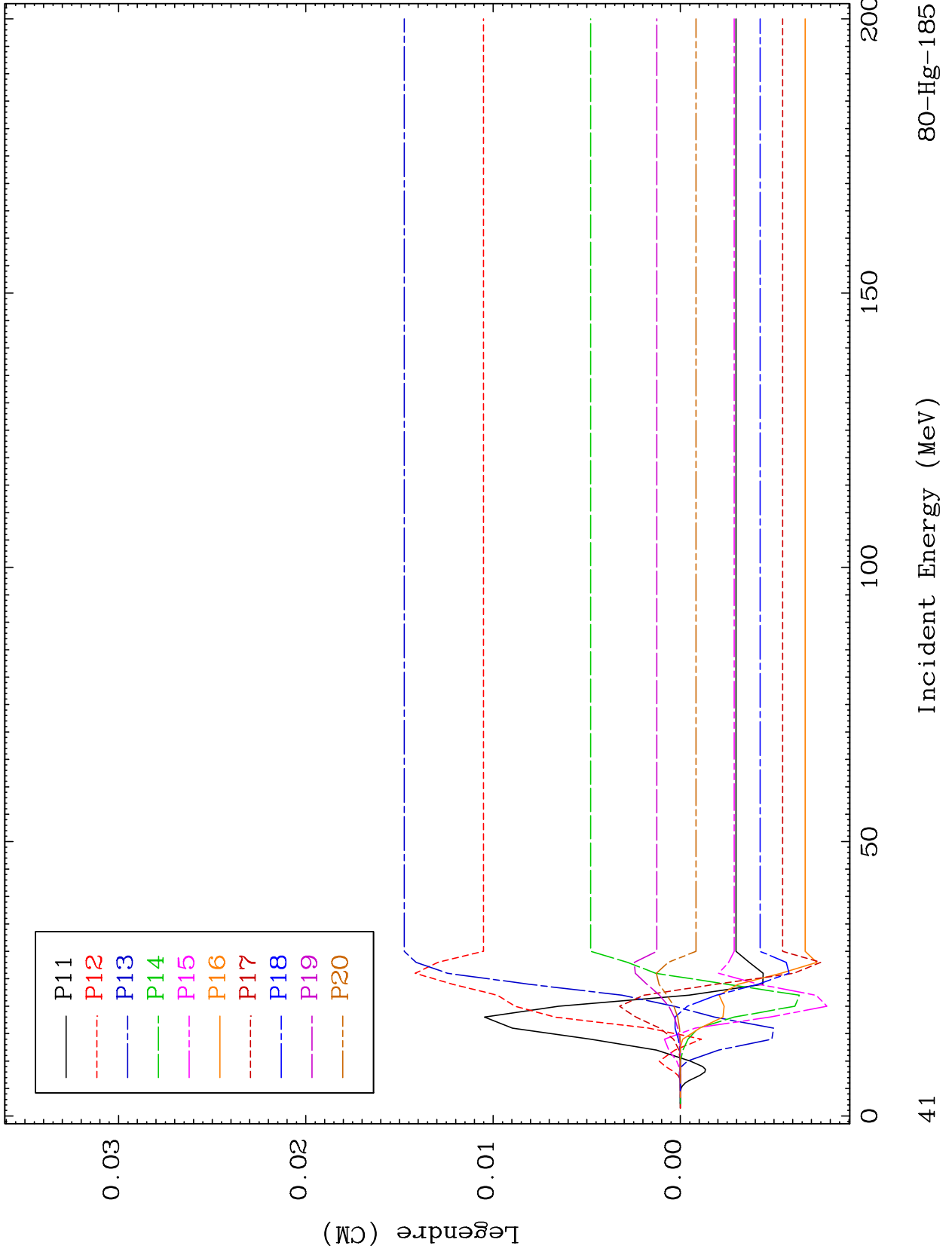




MAT 7992

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

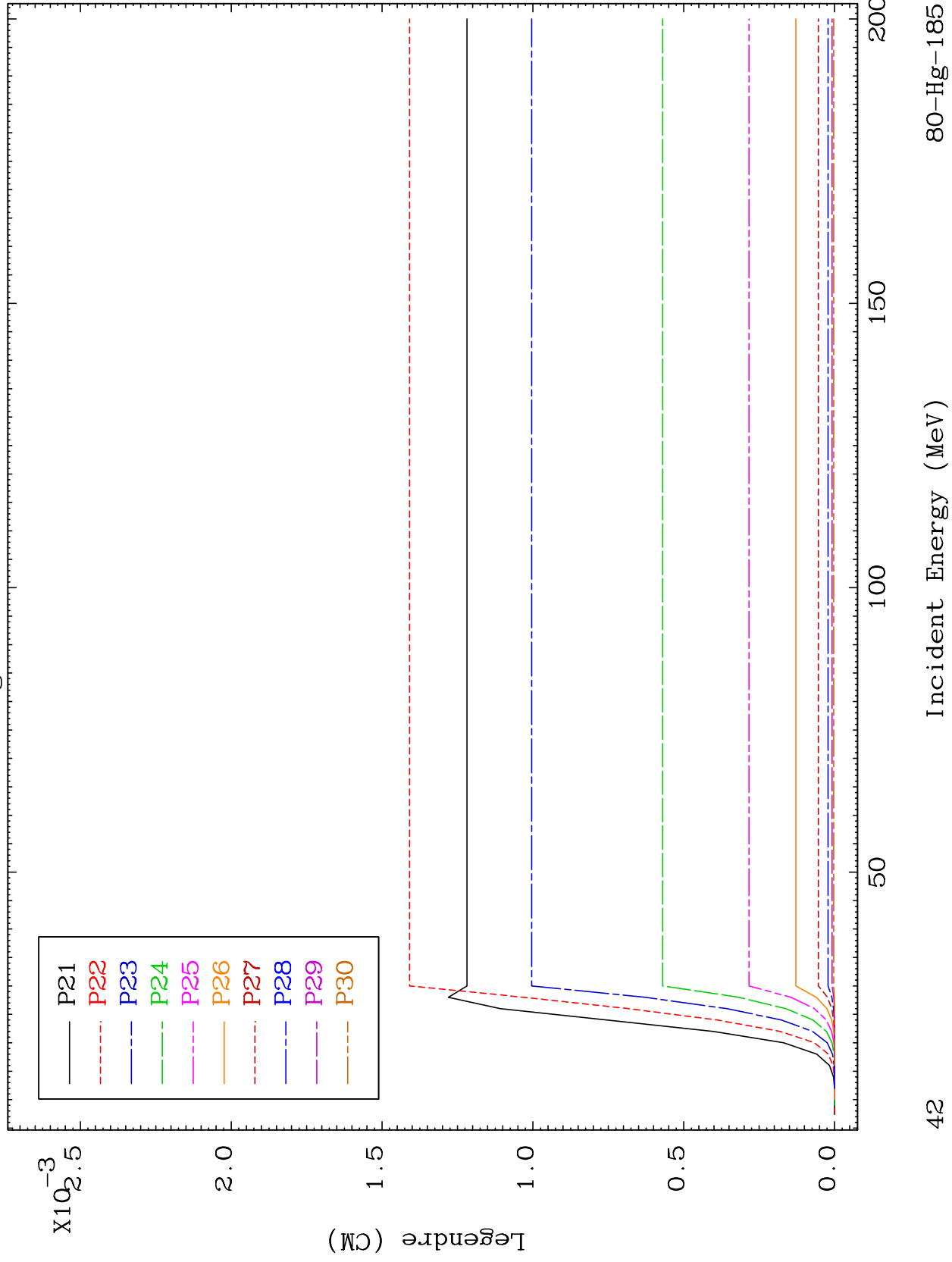
80-Hg-185



MAT 7992

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

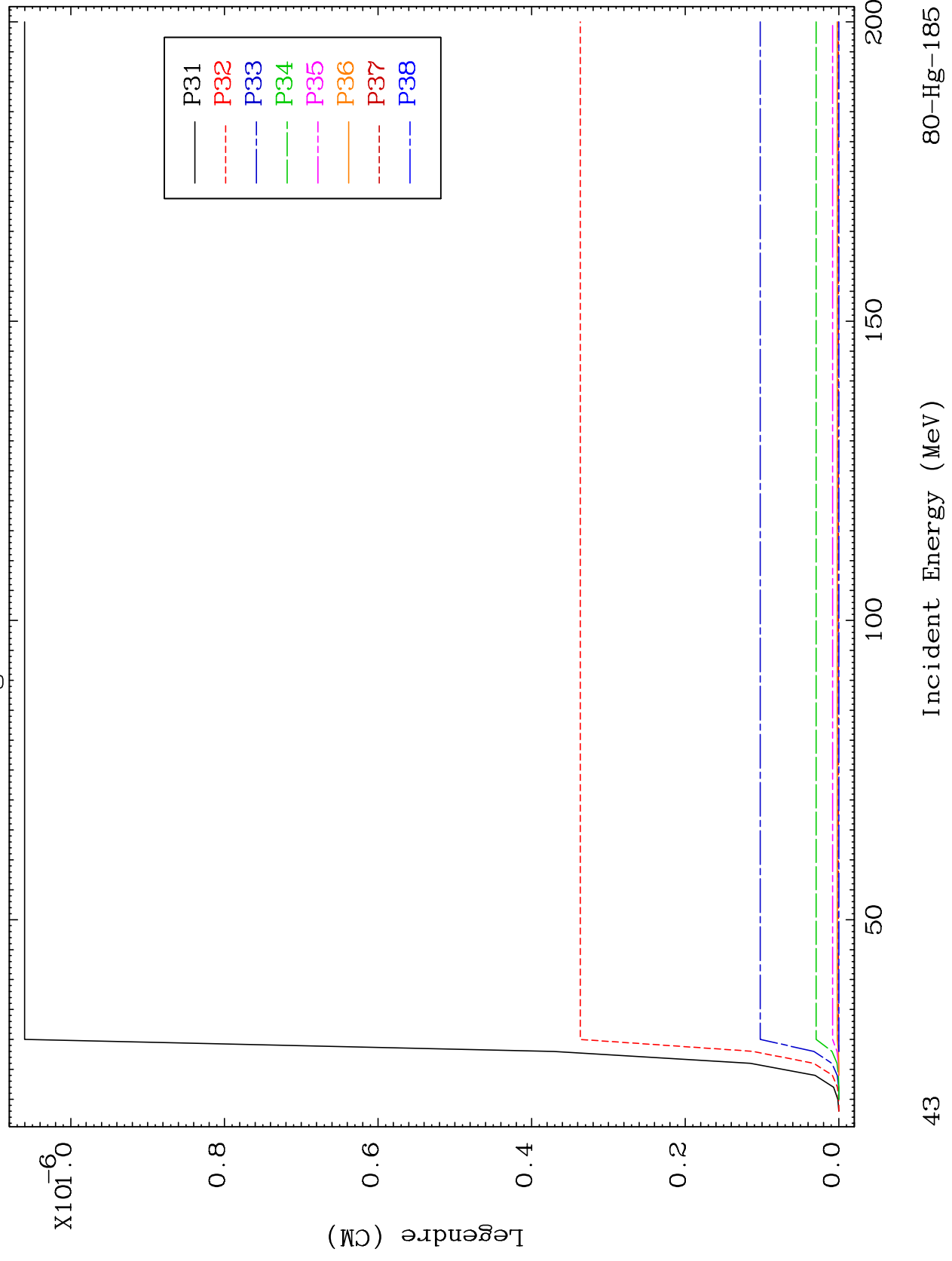
80-Hg-185



MAT 7992

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

80-Hg-185



43

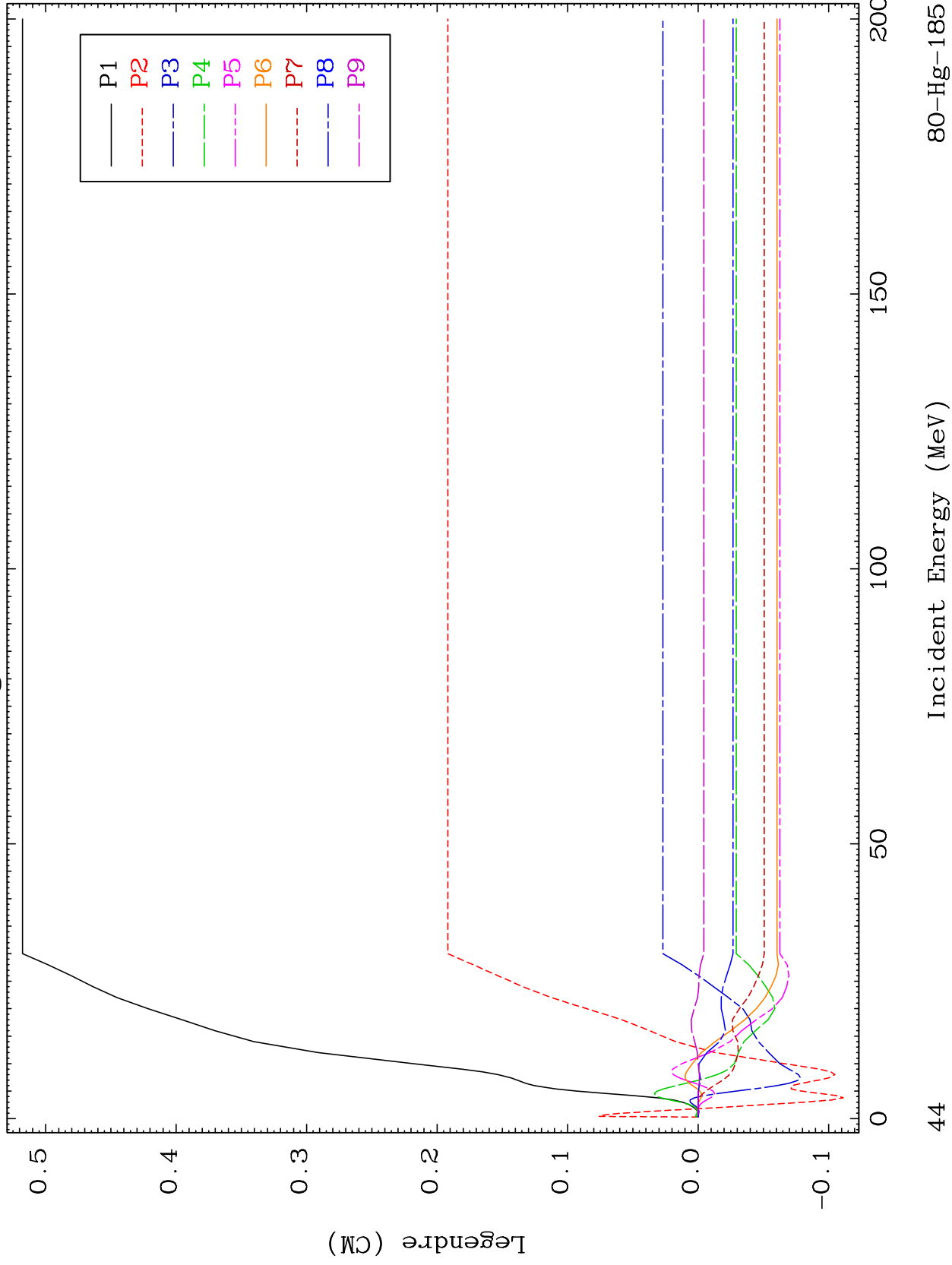
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185



80-Hg-185

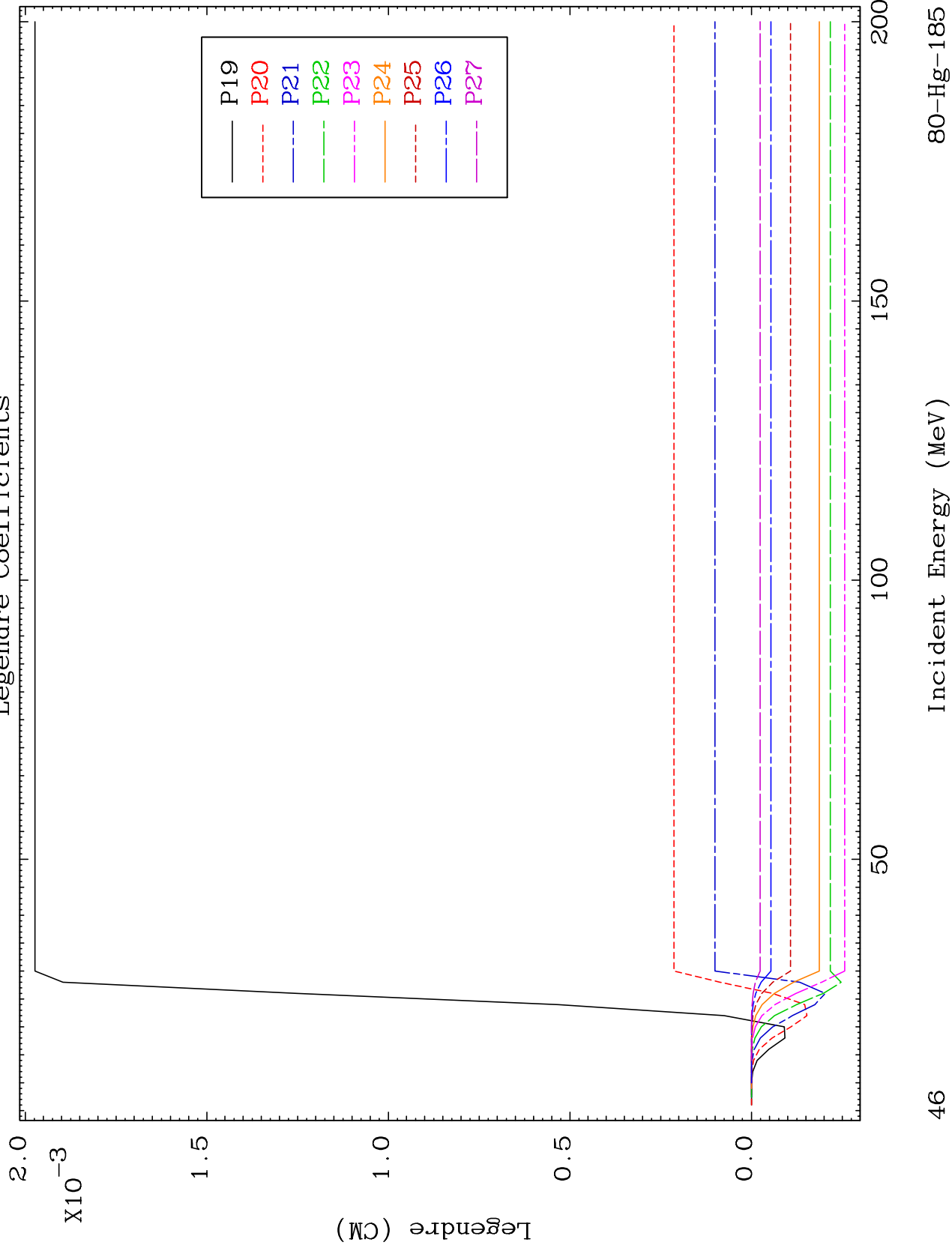
Incident Energy (MeV)

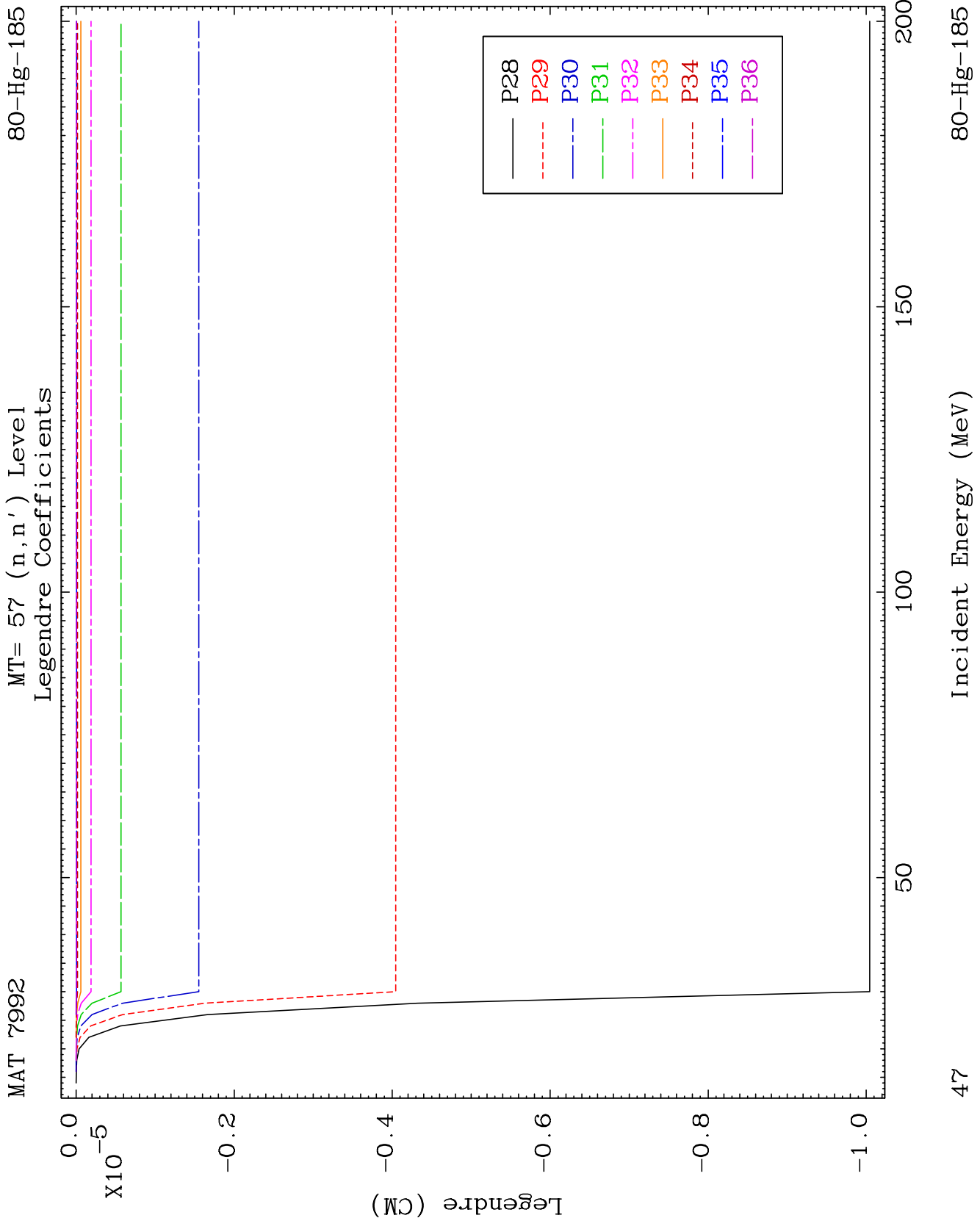
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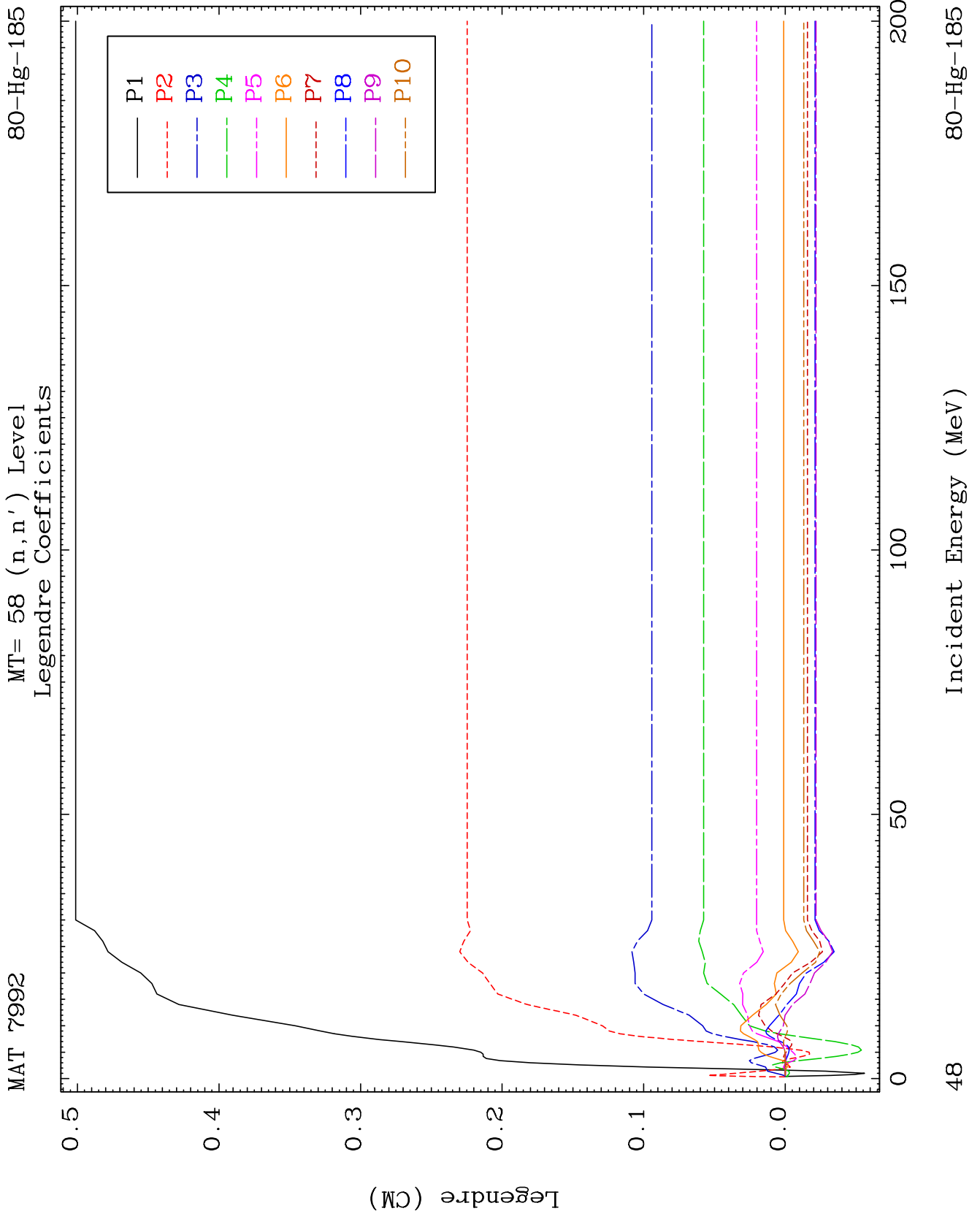
MAT 7992

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

80-Hg-185



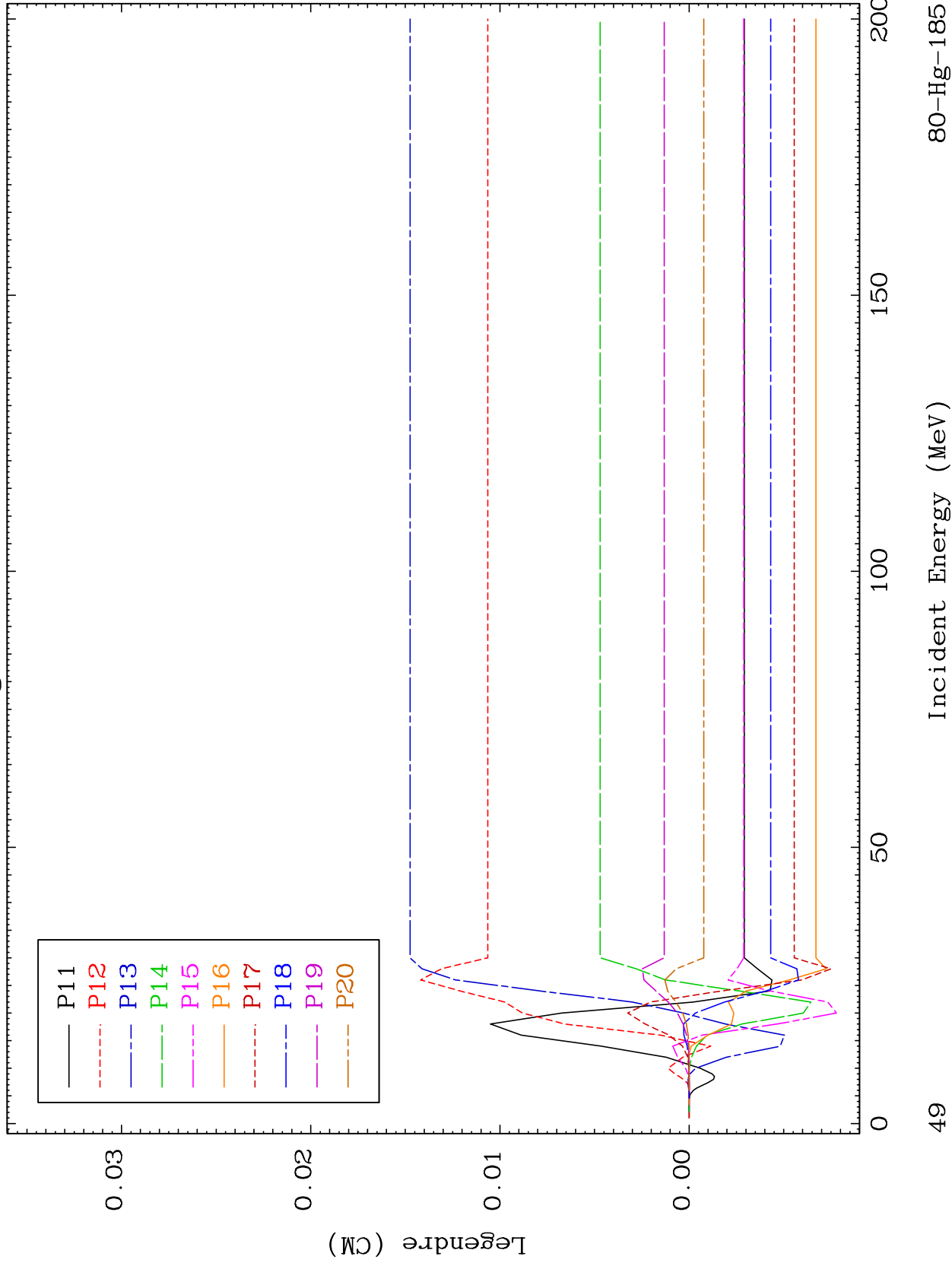




MAT 7992

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

80-Hg-185



49

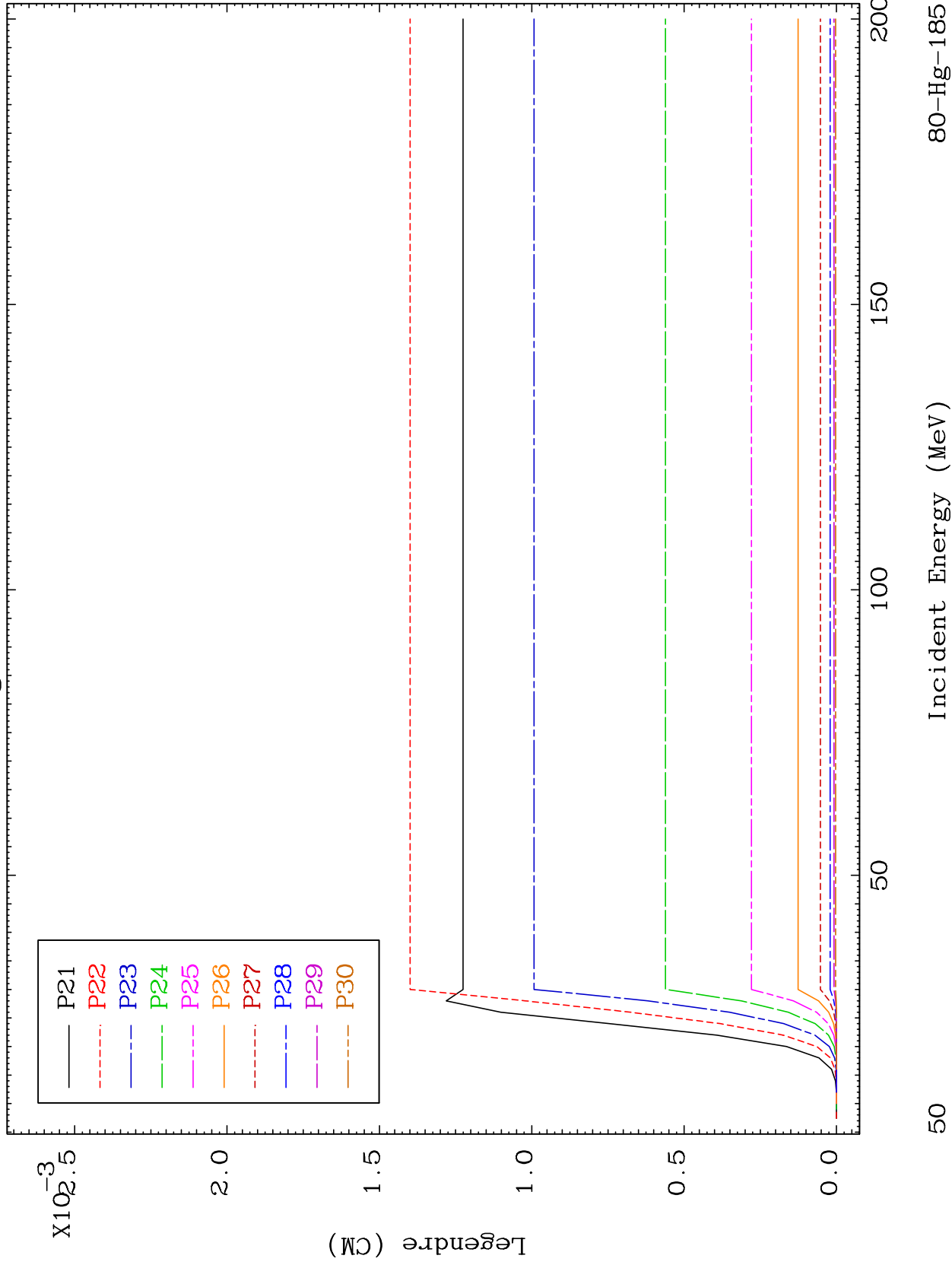
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

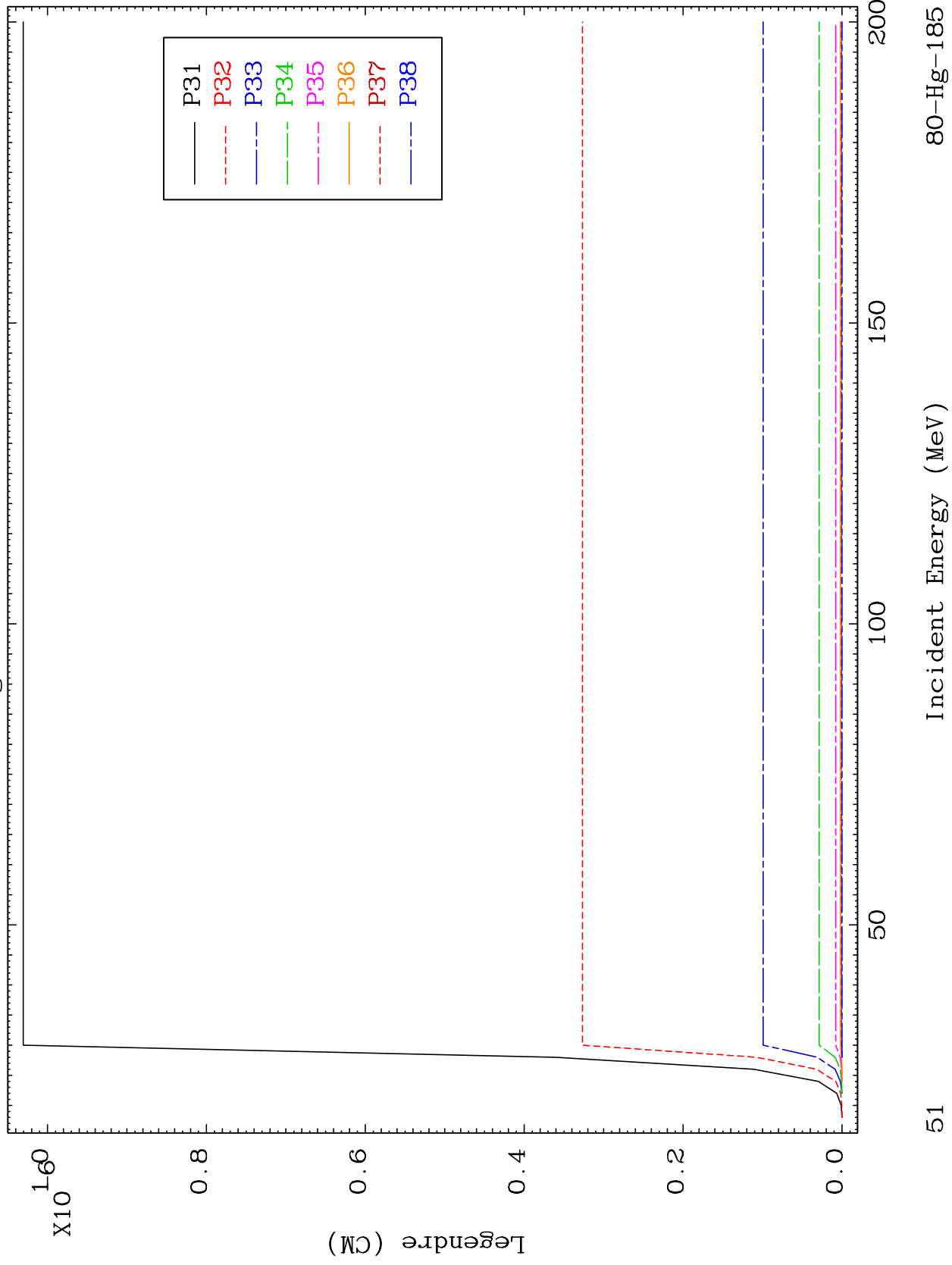
80-Hg-185



MAT 7992

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

80-Hg-185



51

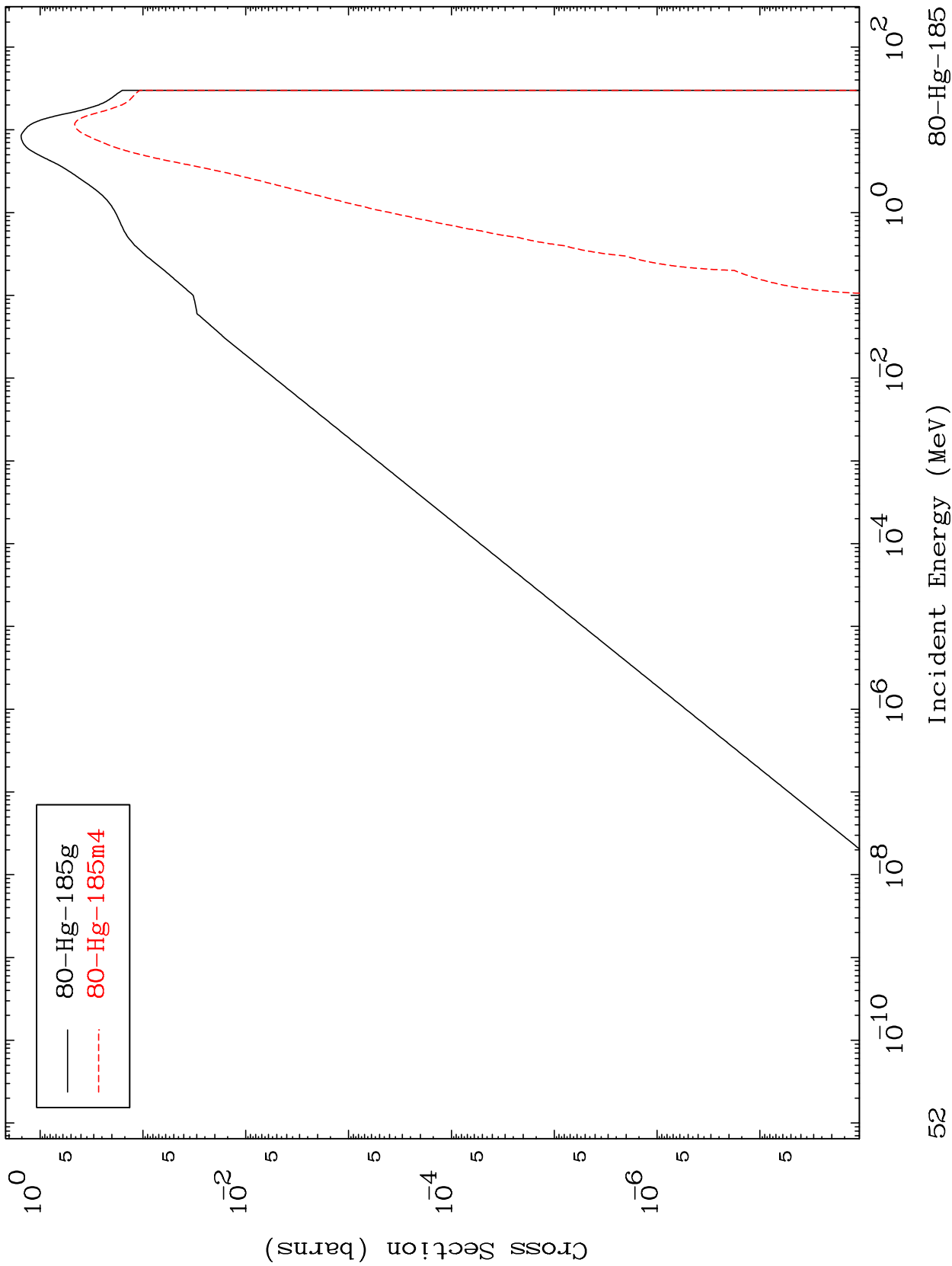
Incident Energy (MeV)

80-Hg-185

MAT 7992

Inelastic
Radionuclide Production Cross Section

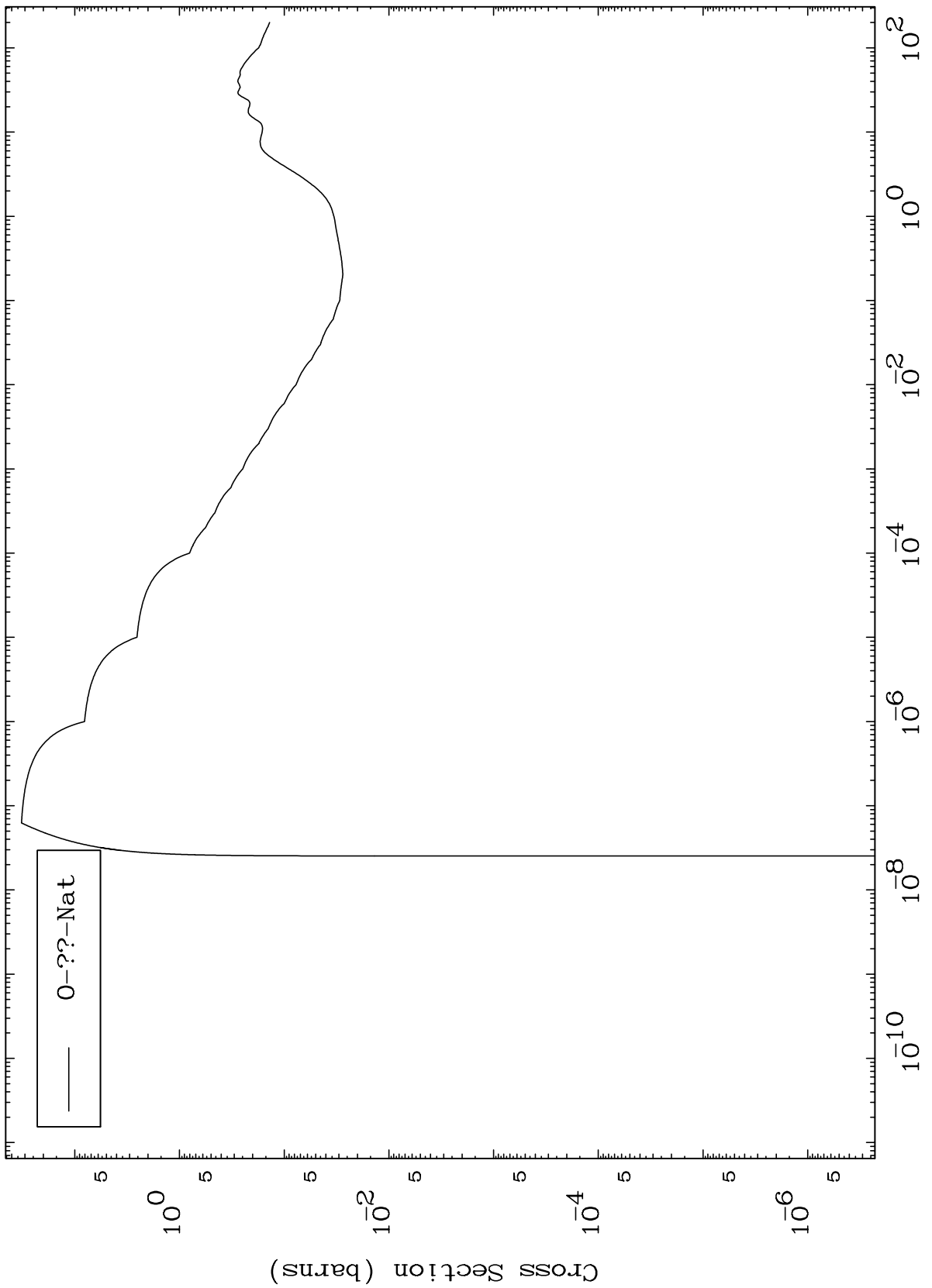
80-Hg-185



MAT 7992

80-Hg-185

Fission
Radionuclide Production Cross Section

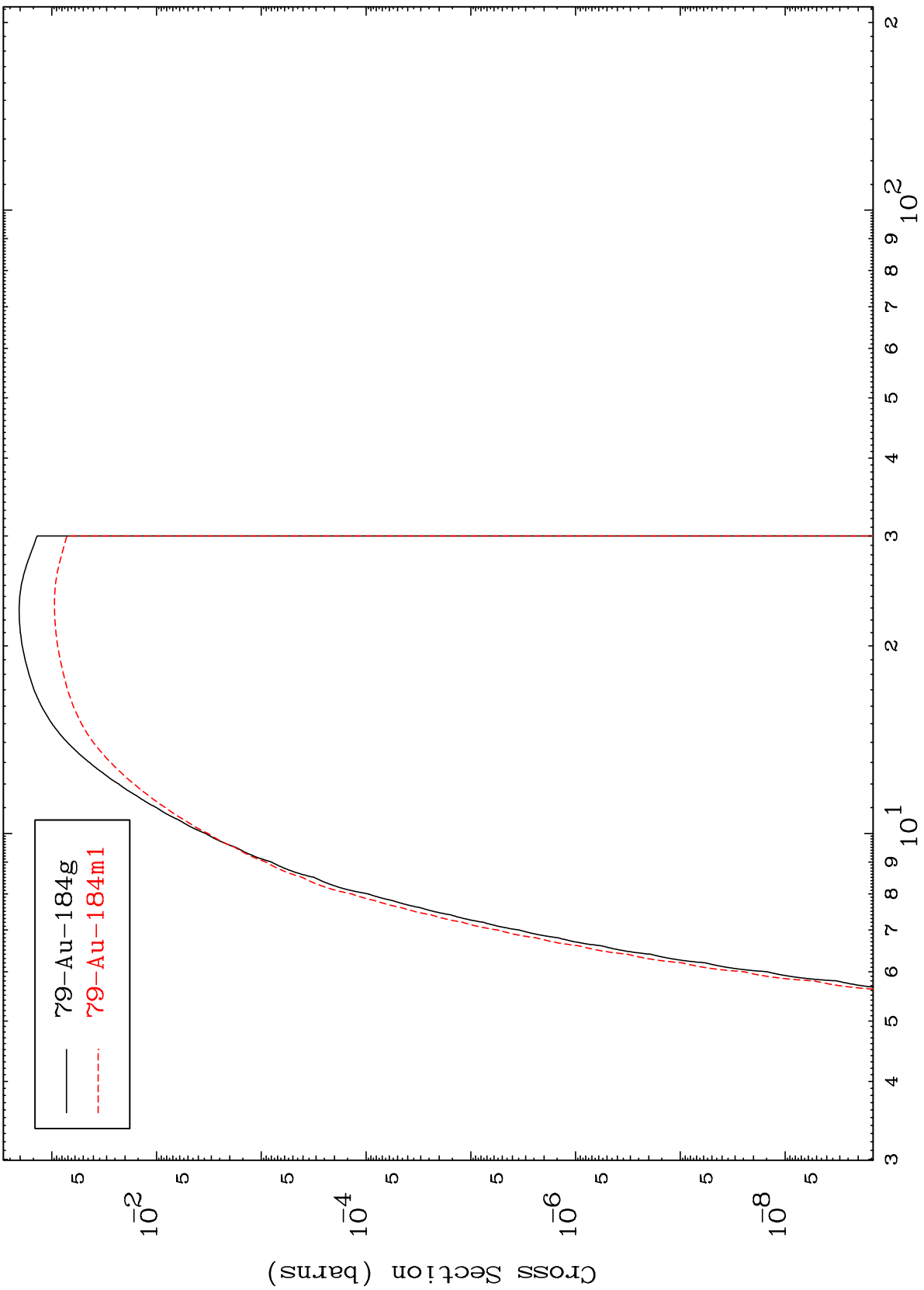


MAT 7992

80-Hg-185

(n,n') p

Radionuclide Production Cross Section



54

Incident Energy (MeV)

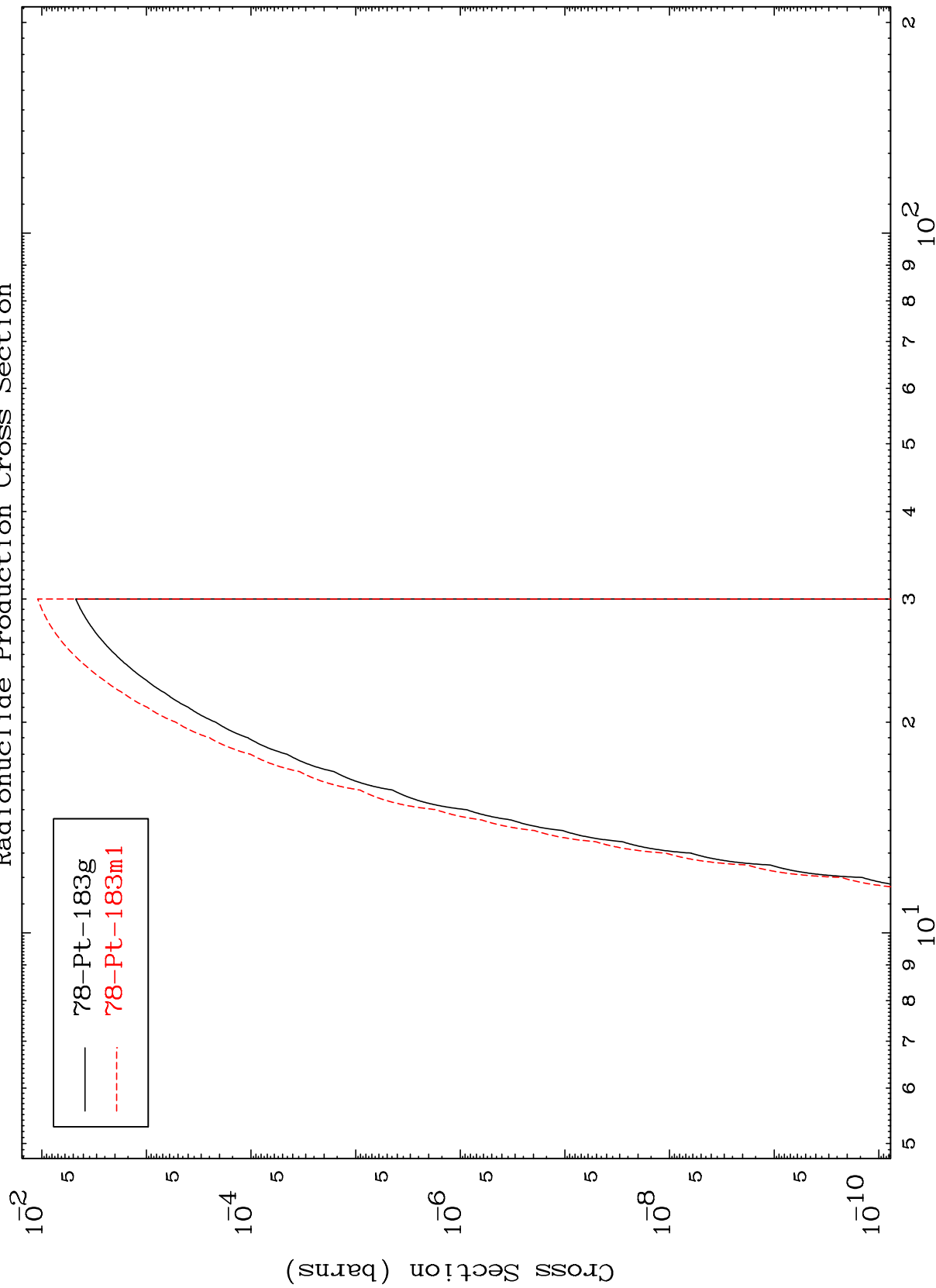
80-Hg-185

MAT 7992

(n,2n) p

80-Hg-185

Radionuclide Production Cross Section



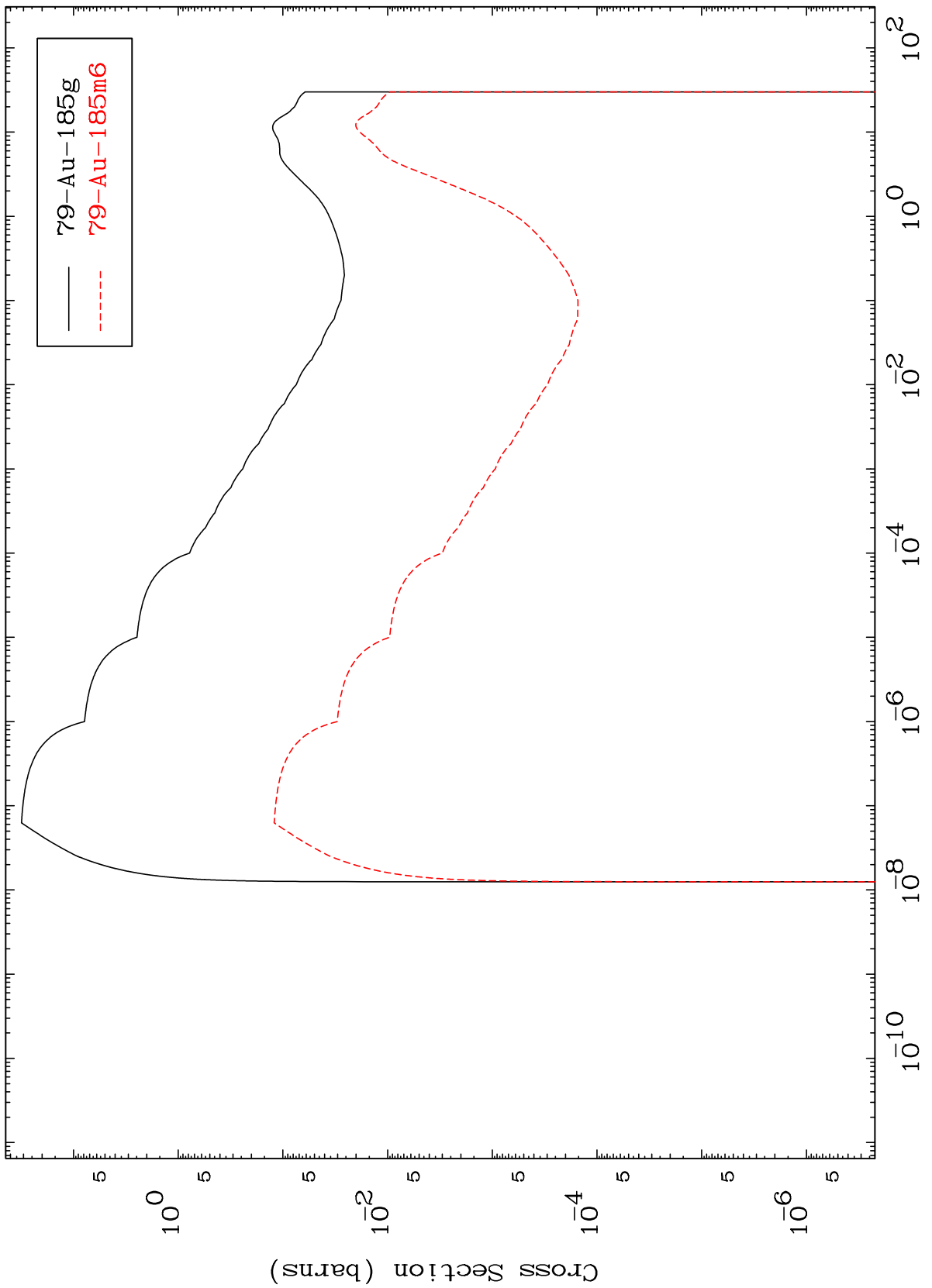
78-Pt-183g
78-Pt-183m1

Incident Energy (MeV)

80-Hg-185

55

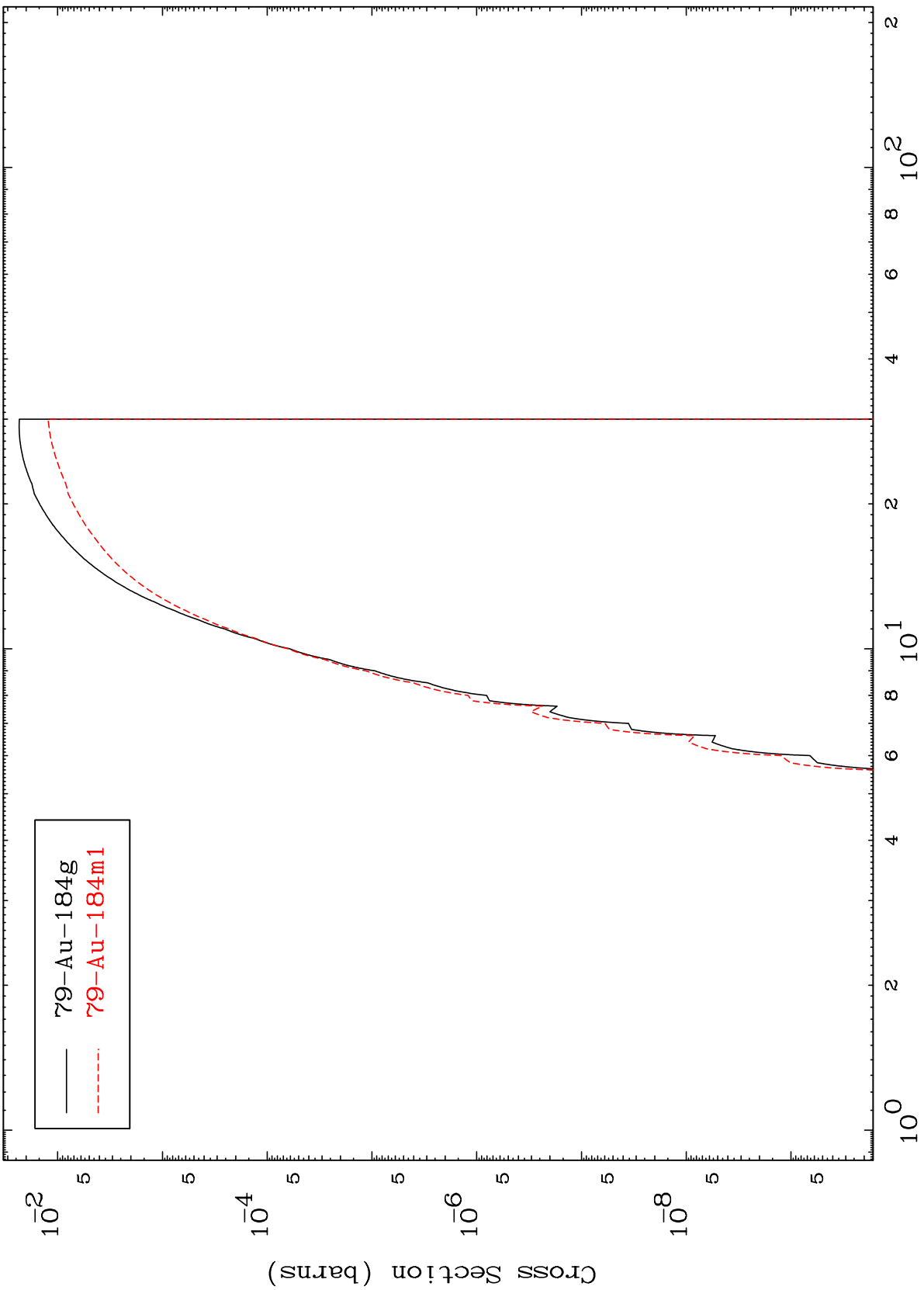
(n,p)
Radionuclide Production Cross Section



MAT 7992

80-Hg-185

(n,d)
Radionuclide Production Cross Section



57

Incident Energy (MeV)

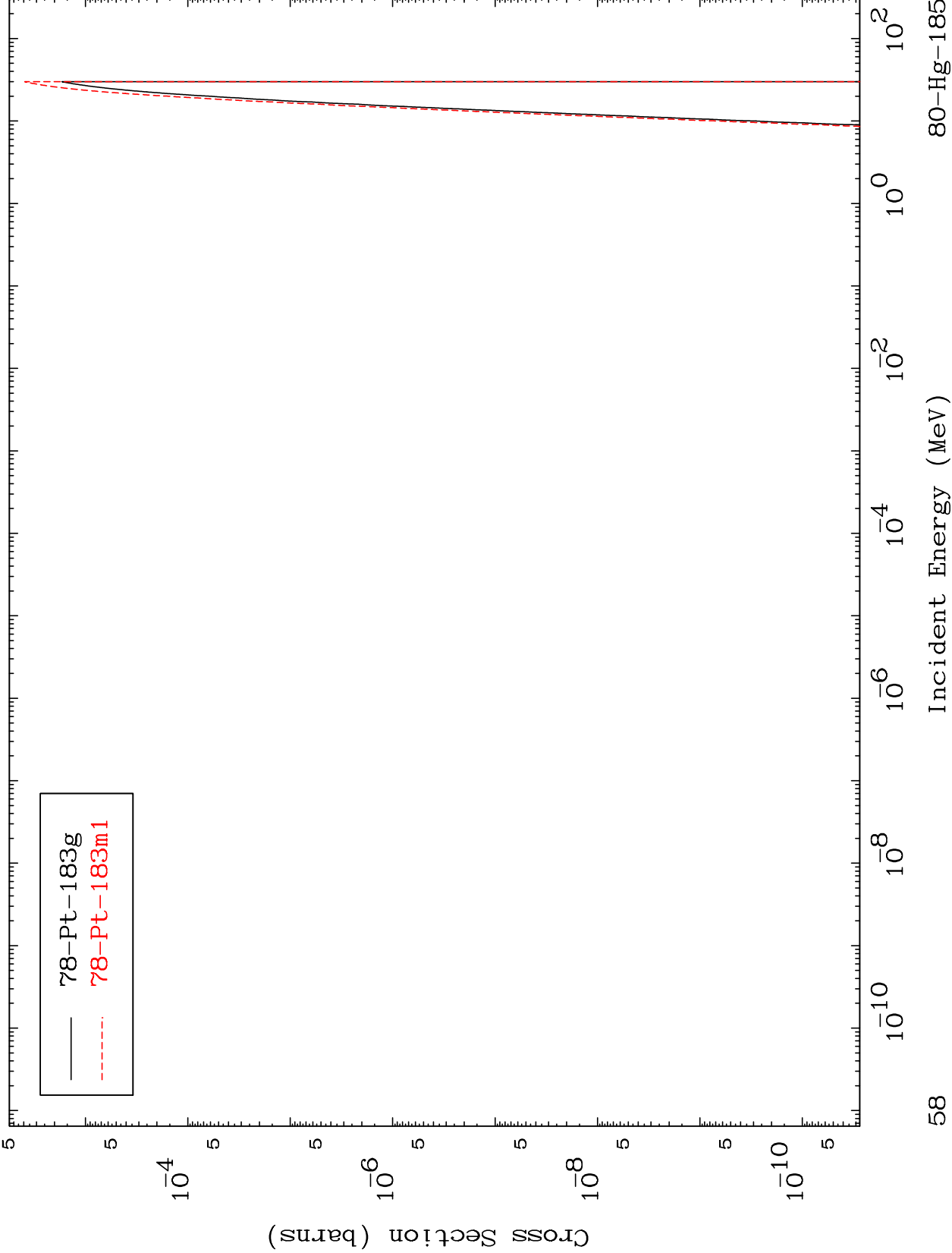
80-Hg-185

MAT 7992

(n,He-3)

80-Hg-185

Radionuclide Production Cross Section



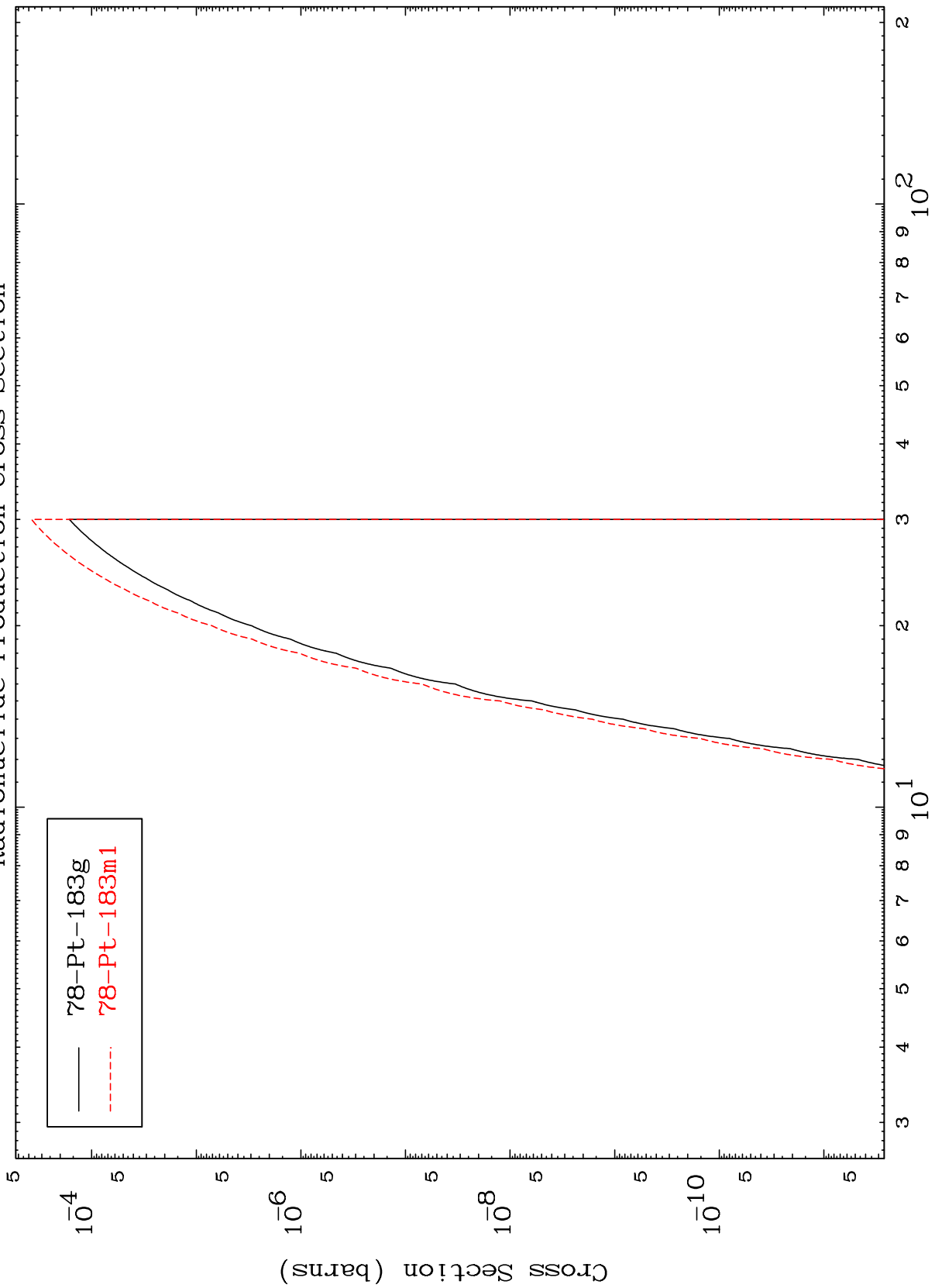
78-Pt-183g
78-Pt-183m1

MAT 7992

(n,p) d

80-Hg-185

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

Incident Energy (MeV)

80-Hg-185

59