

Program EVALPLOT
(Version 2018-1)

by

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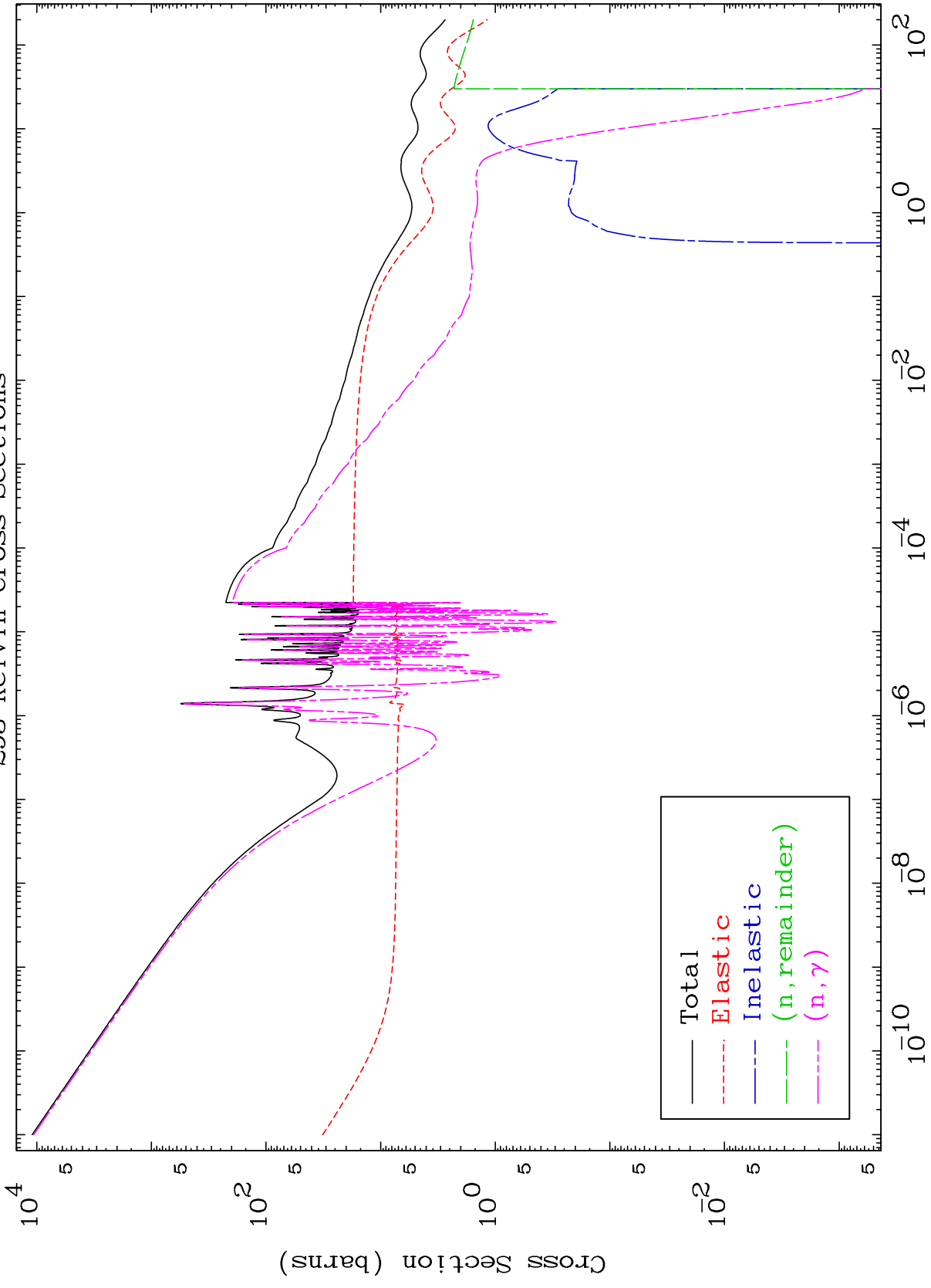
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7977

Major
293 Kelvin Cross Sections

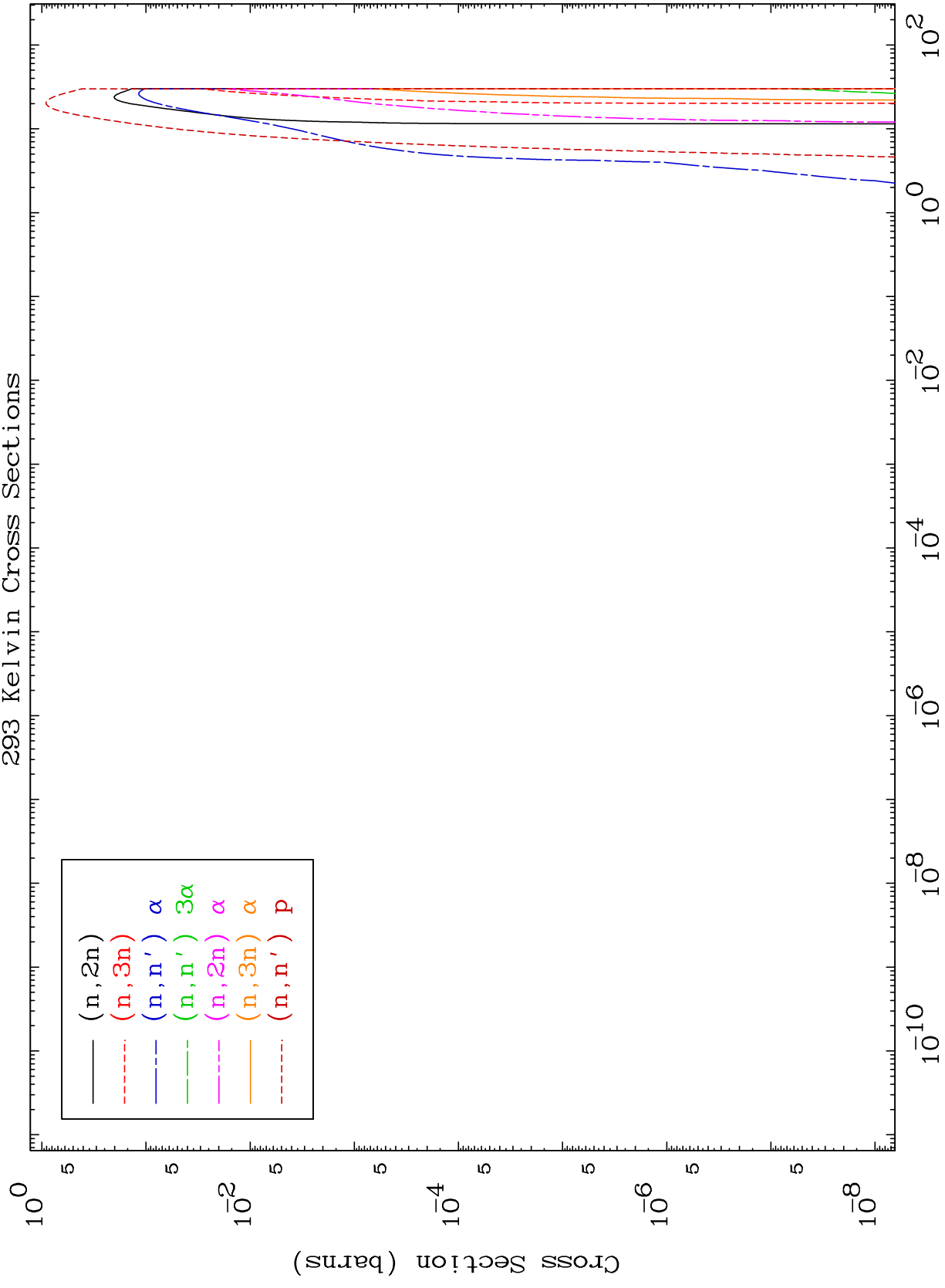
80-Hg-180



MAT 7977

Neutron Production
293 Kelvin Cross Sections

80-Hg-180



2

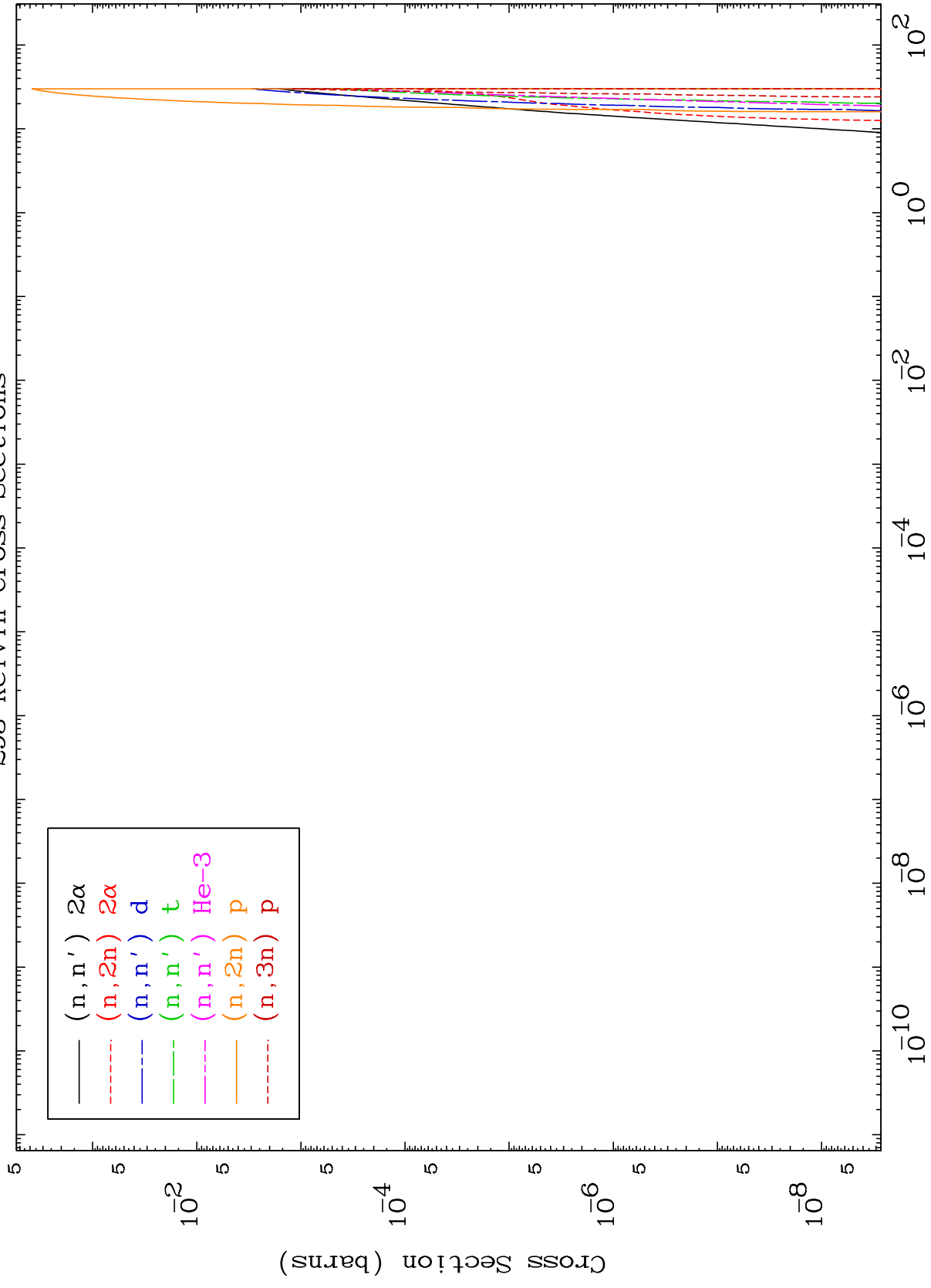
Incident Energy (MeV)

80-Hg-180

MAT 7977

Neutron Production
293 Kelvin Cross Sections

80-Hg-180

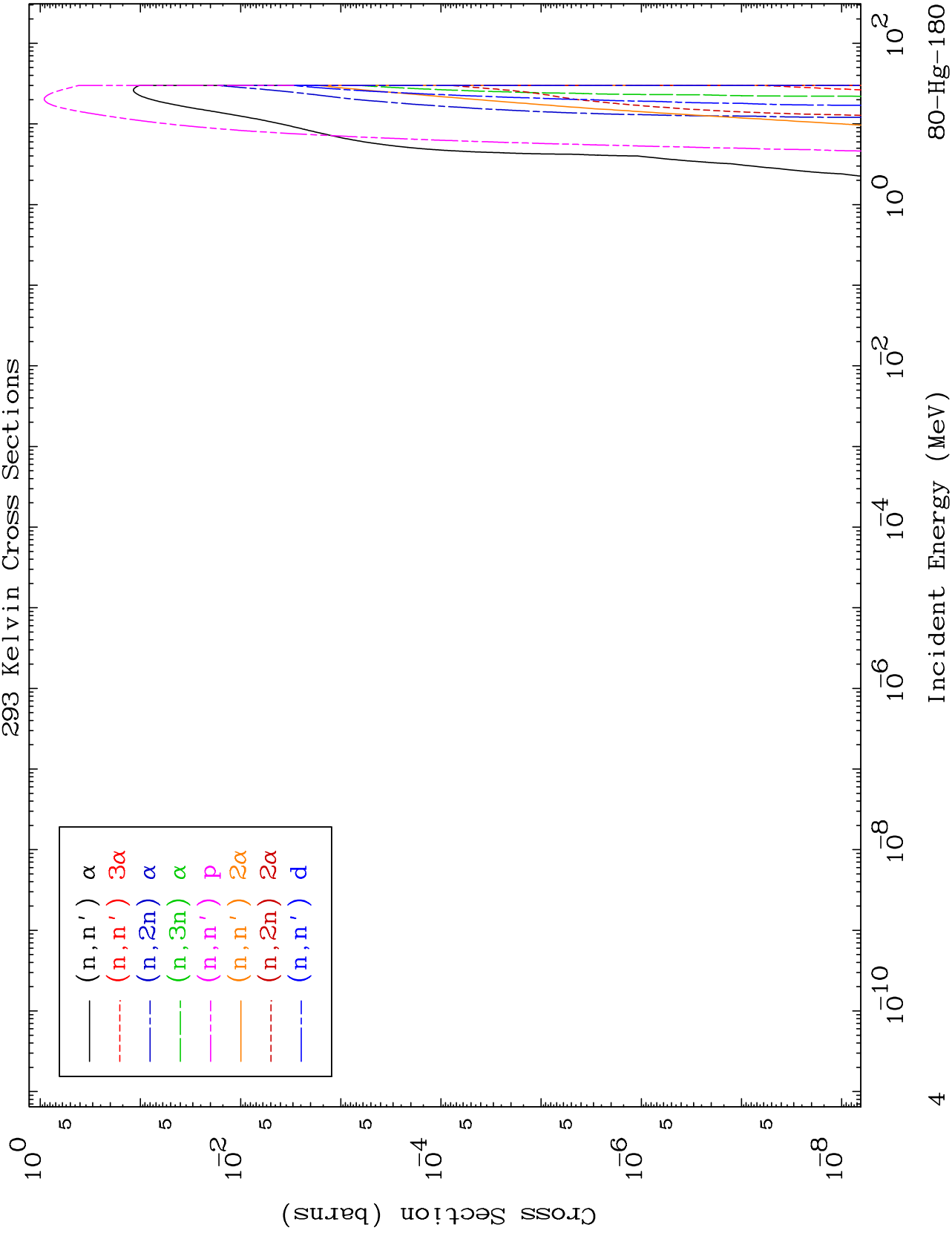


80-Hg-180

MAT 7977

293 Kelvin Cross Sections

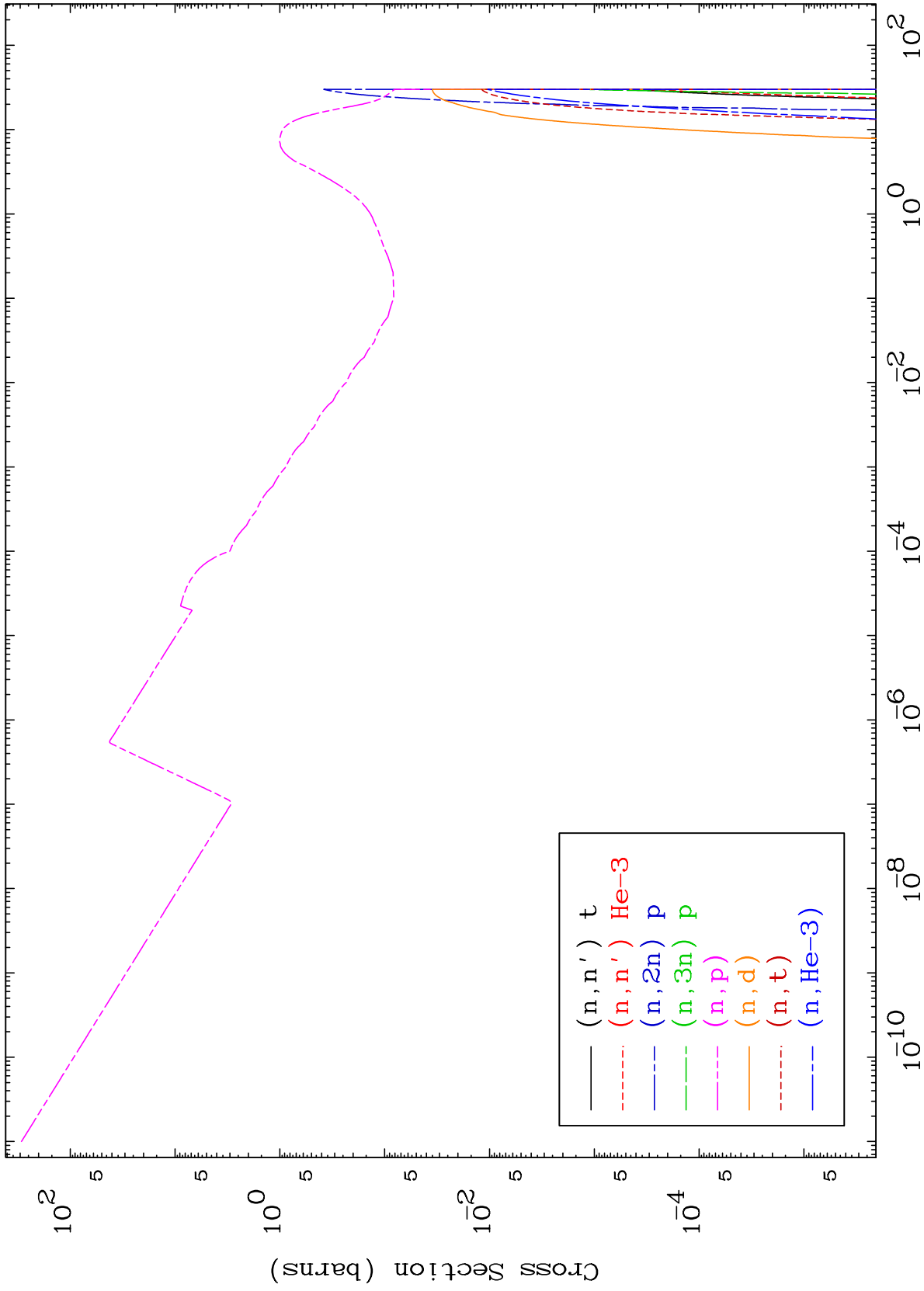
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

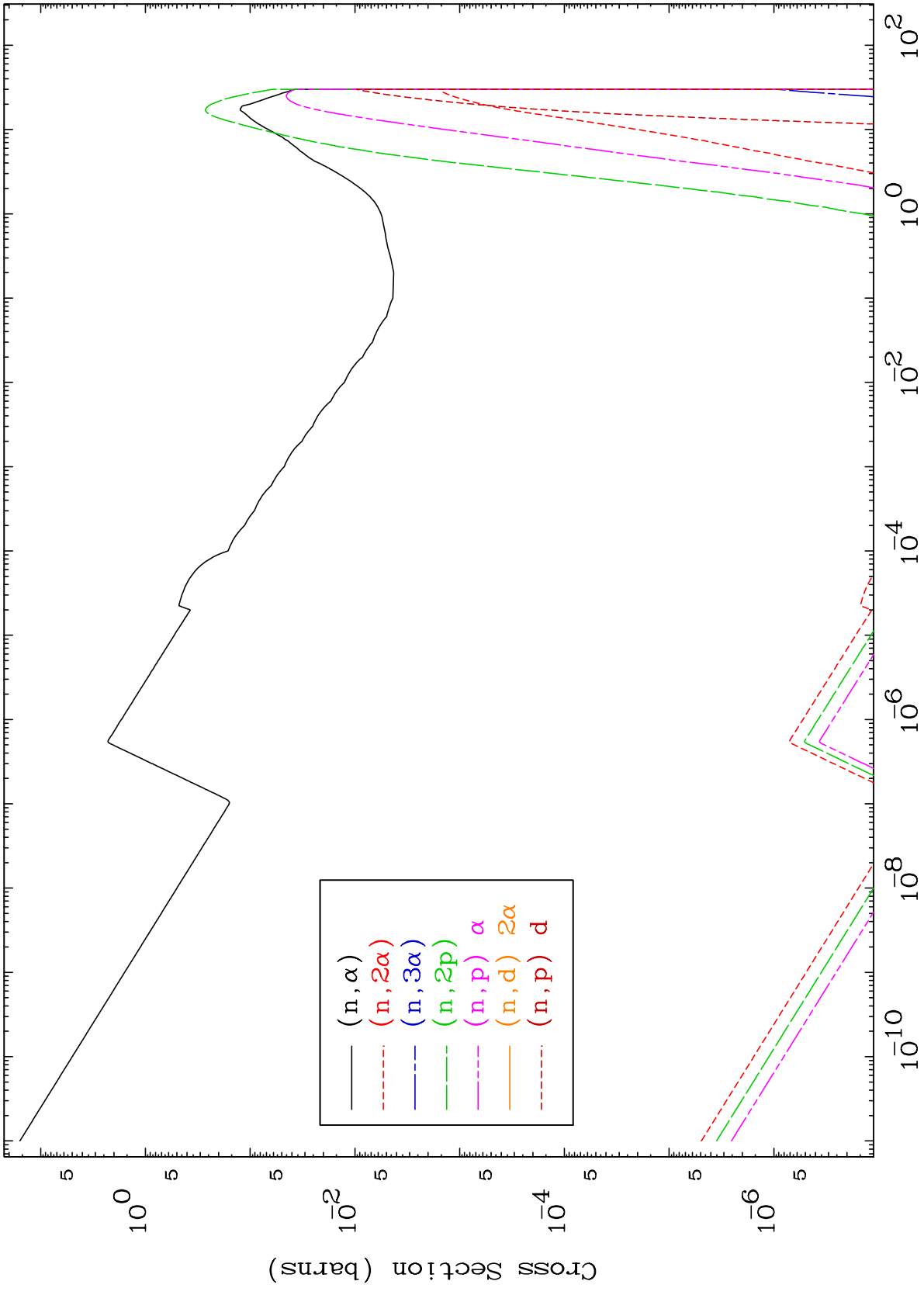
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

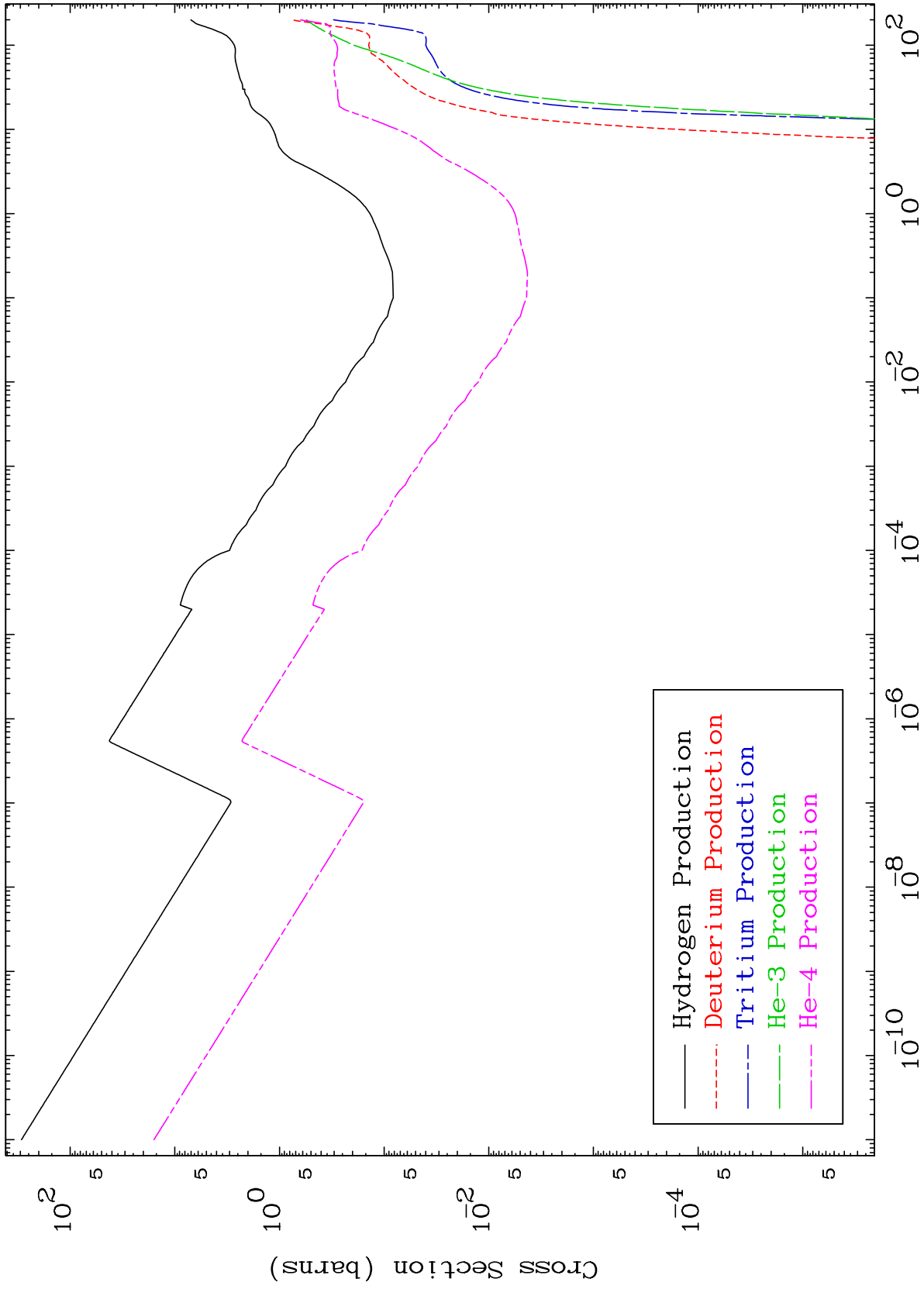
80-Hg-180



MAT 7977

Particle Production
293 Kelvin Cross Sections

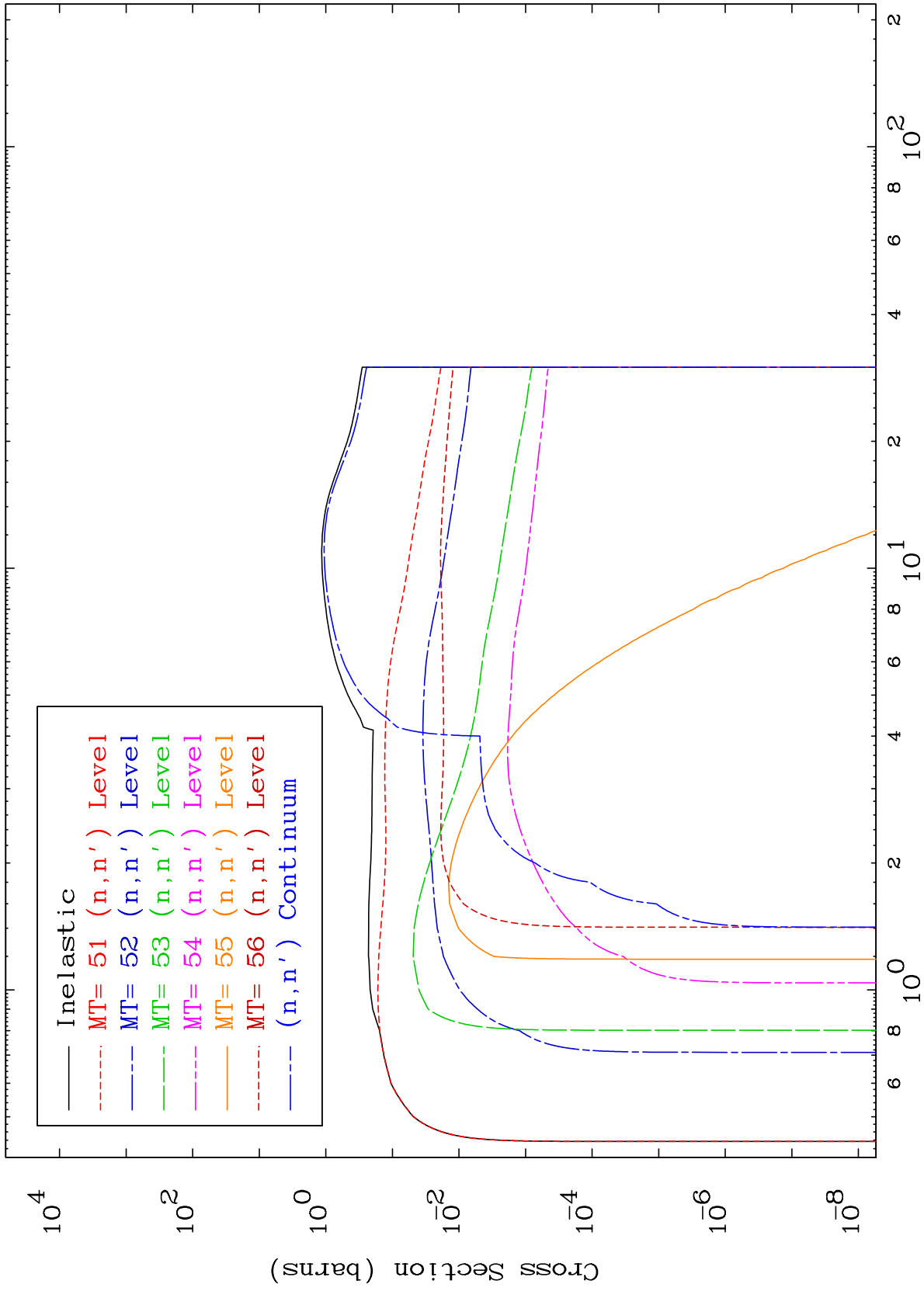
80-Hg-180



MAT 7977

(n,n') Level
293 Kelvin Cross Sections

80-Hg-180



8

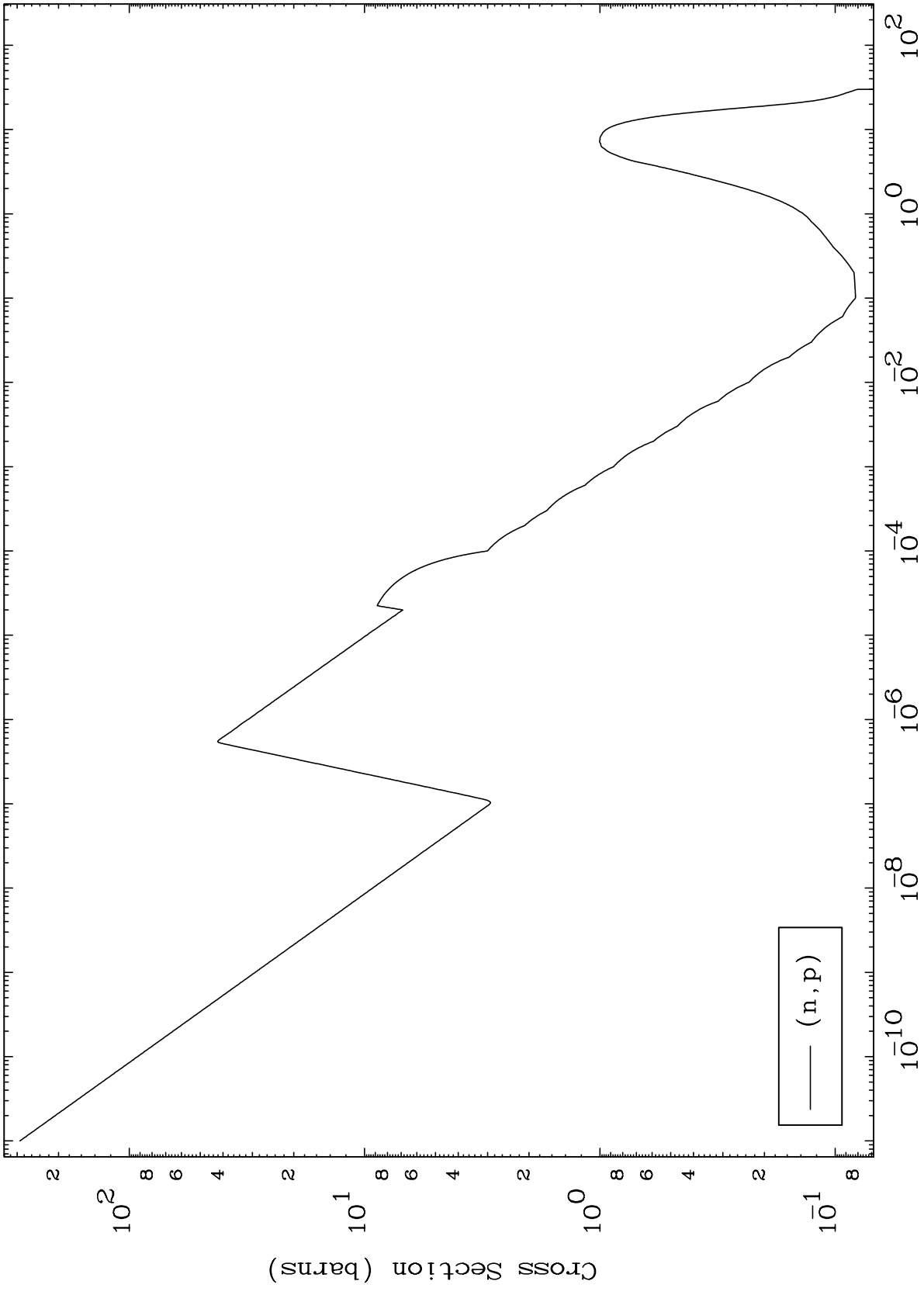
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,p) Levels
293 Kelvin Cross Sections

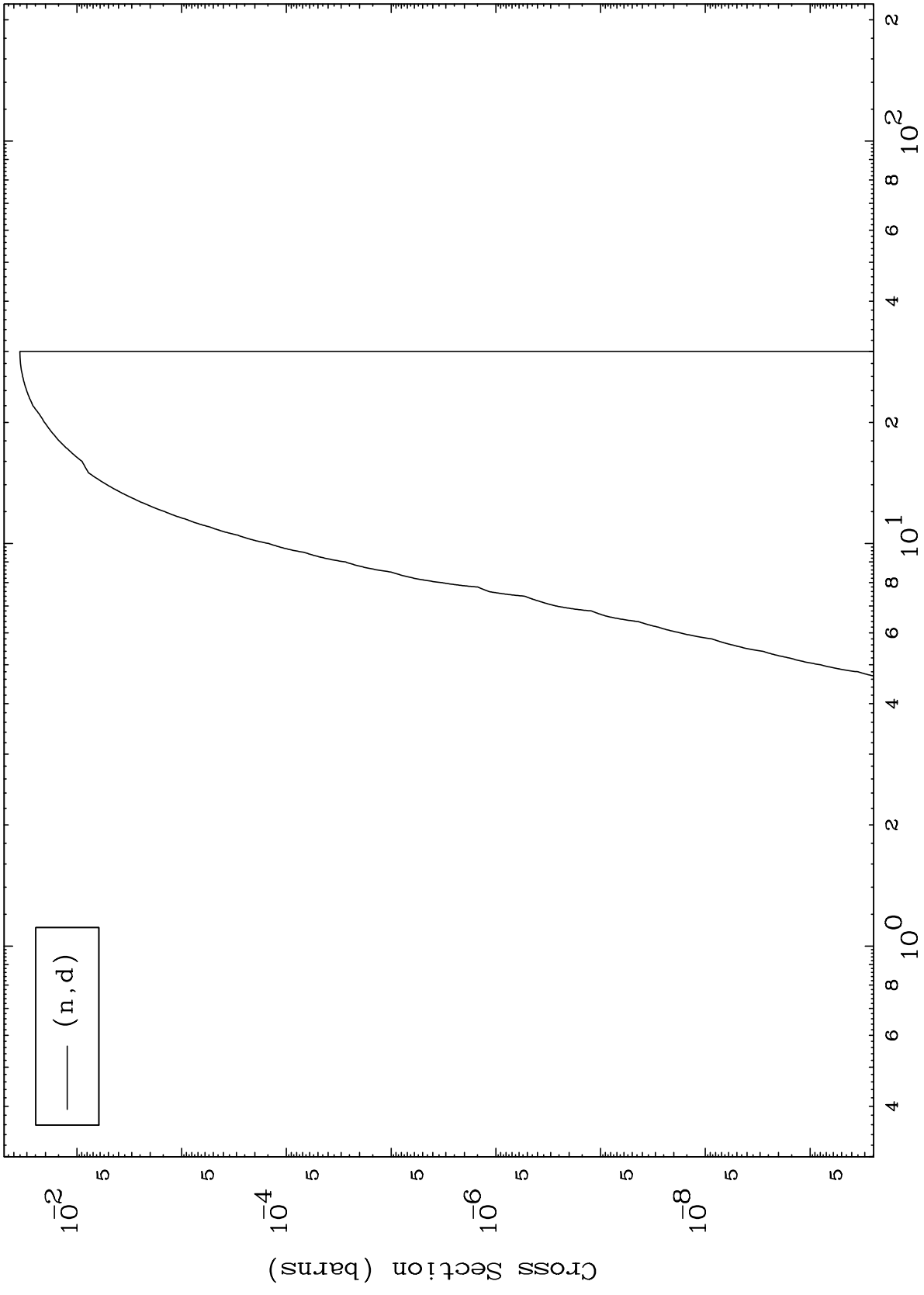
80-Hg-180



MAT 7977

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-180



10

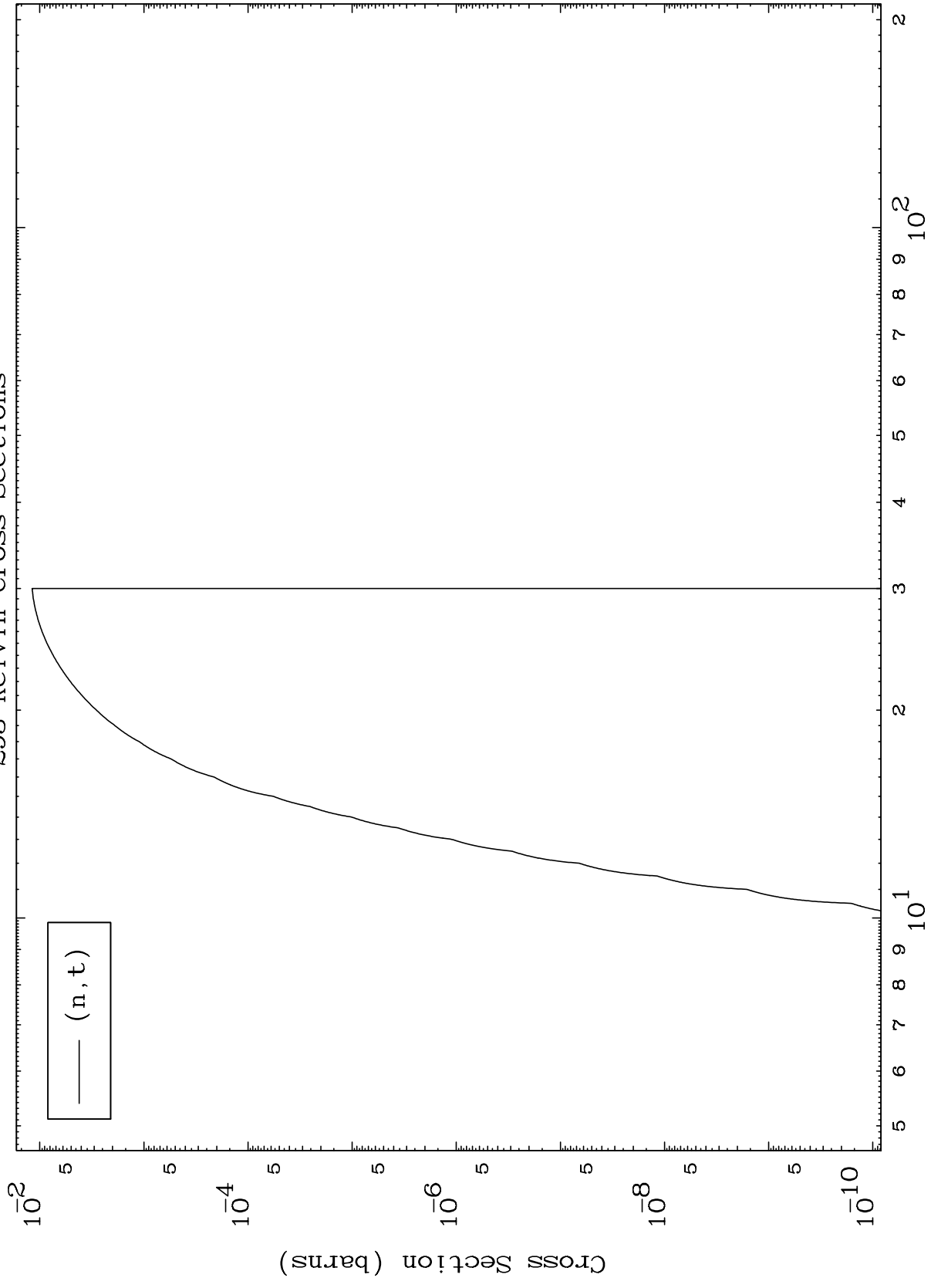
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,t) Levels
293 Kelvin Cross Sections

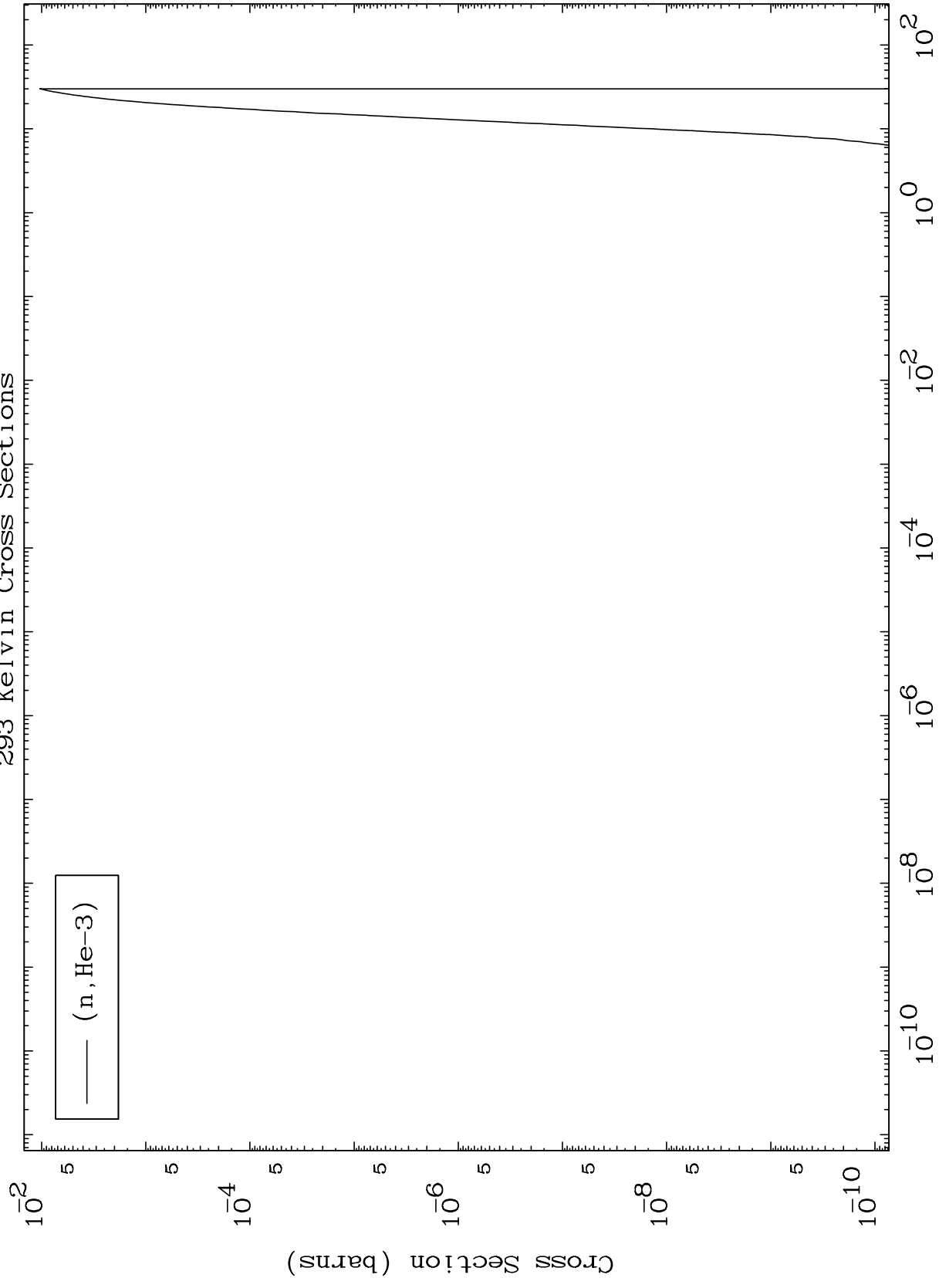
80-Hg-180



MAT 7977

(n,He3) Levels
293 Kelvin Cross Sections

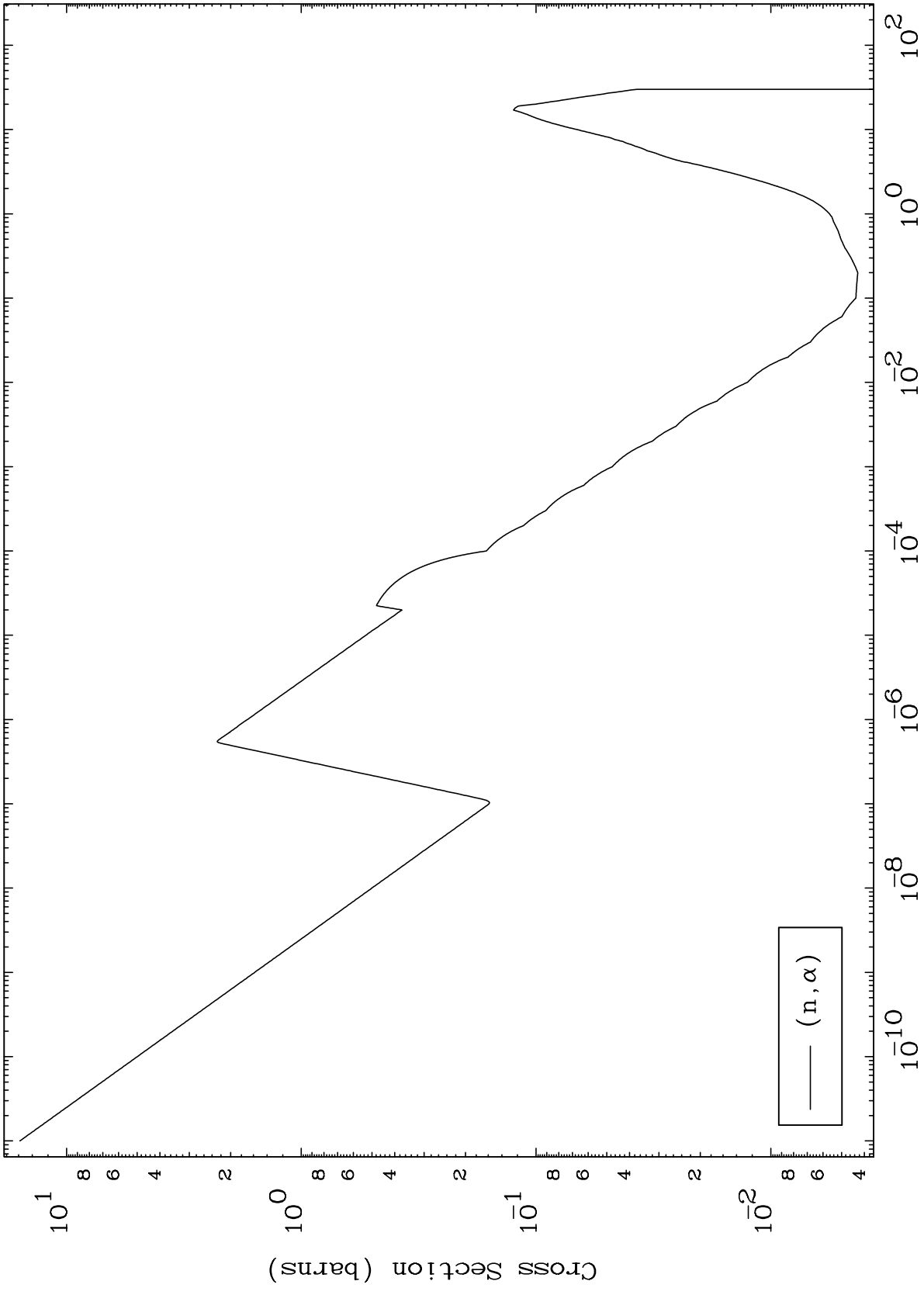
80-Hg-180



MAT 79777

(n, α) Levels
293 Kelvin Cross Sections

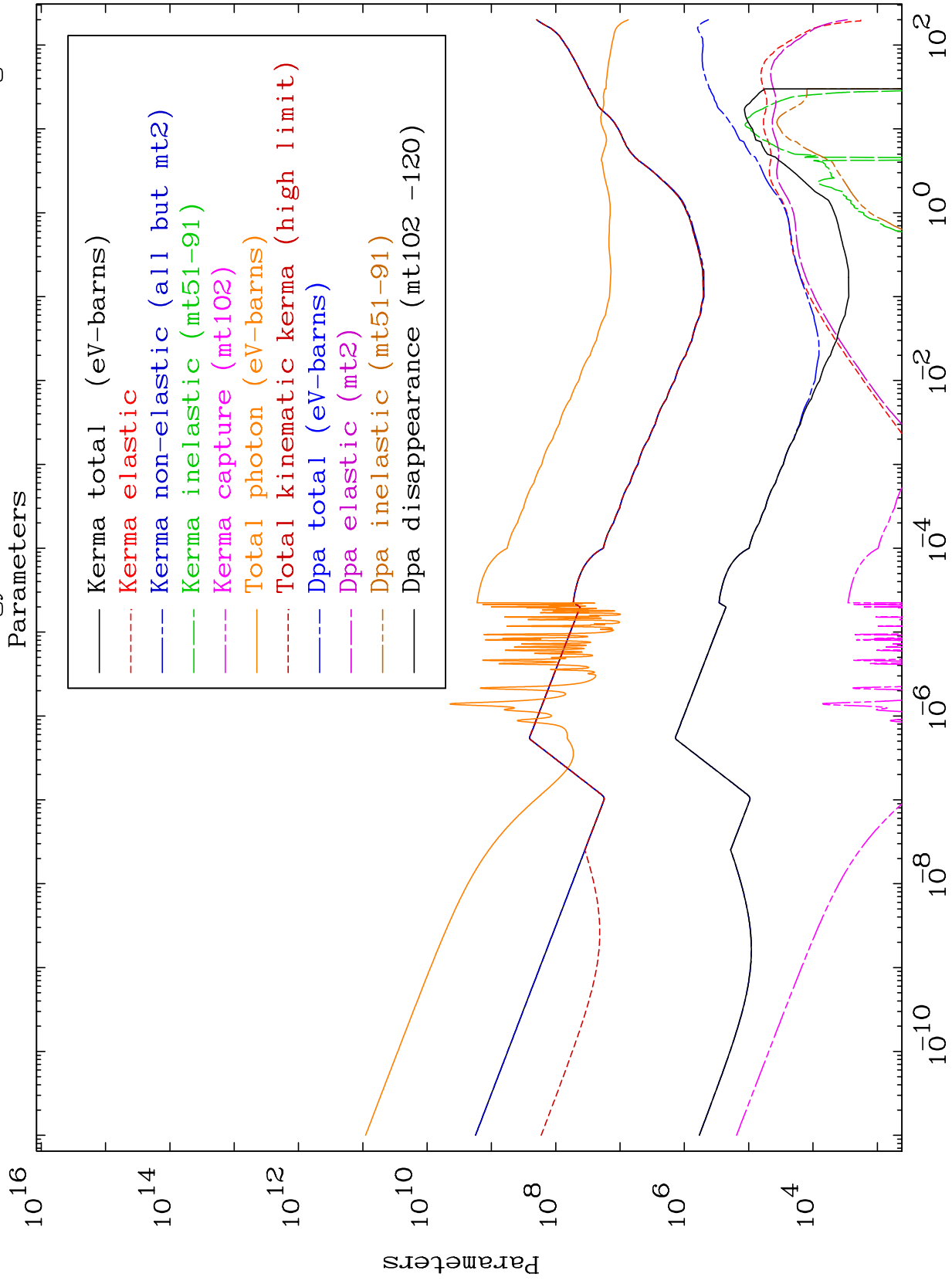
80-Hg-180



MAT 7977

Energy Release
Parameters

80-Hg-180



14

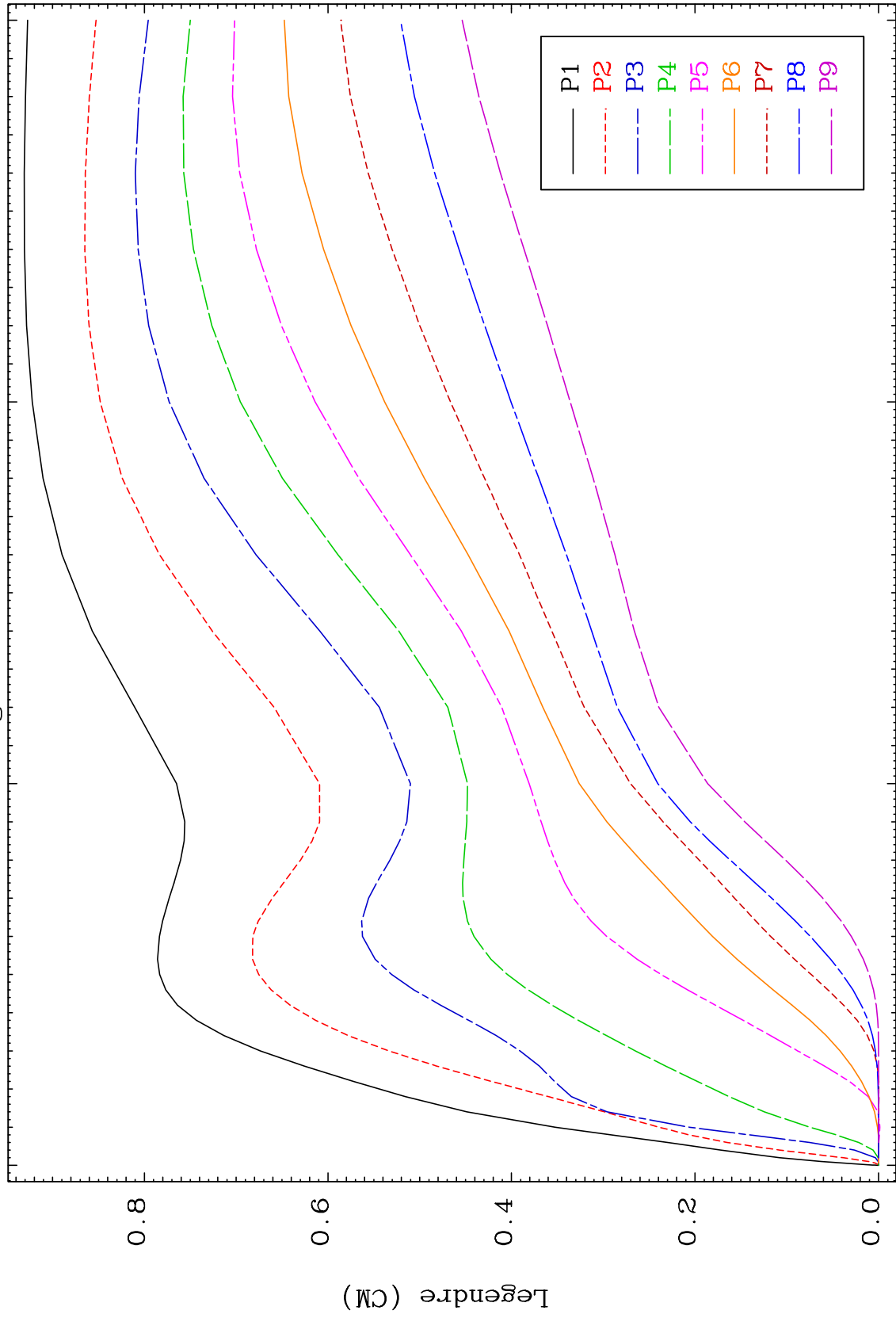
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



15

Incident Energy (MeV)

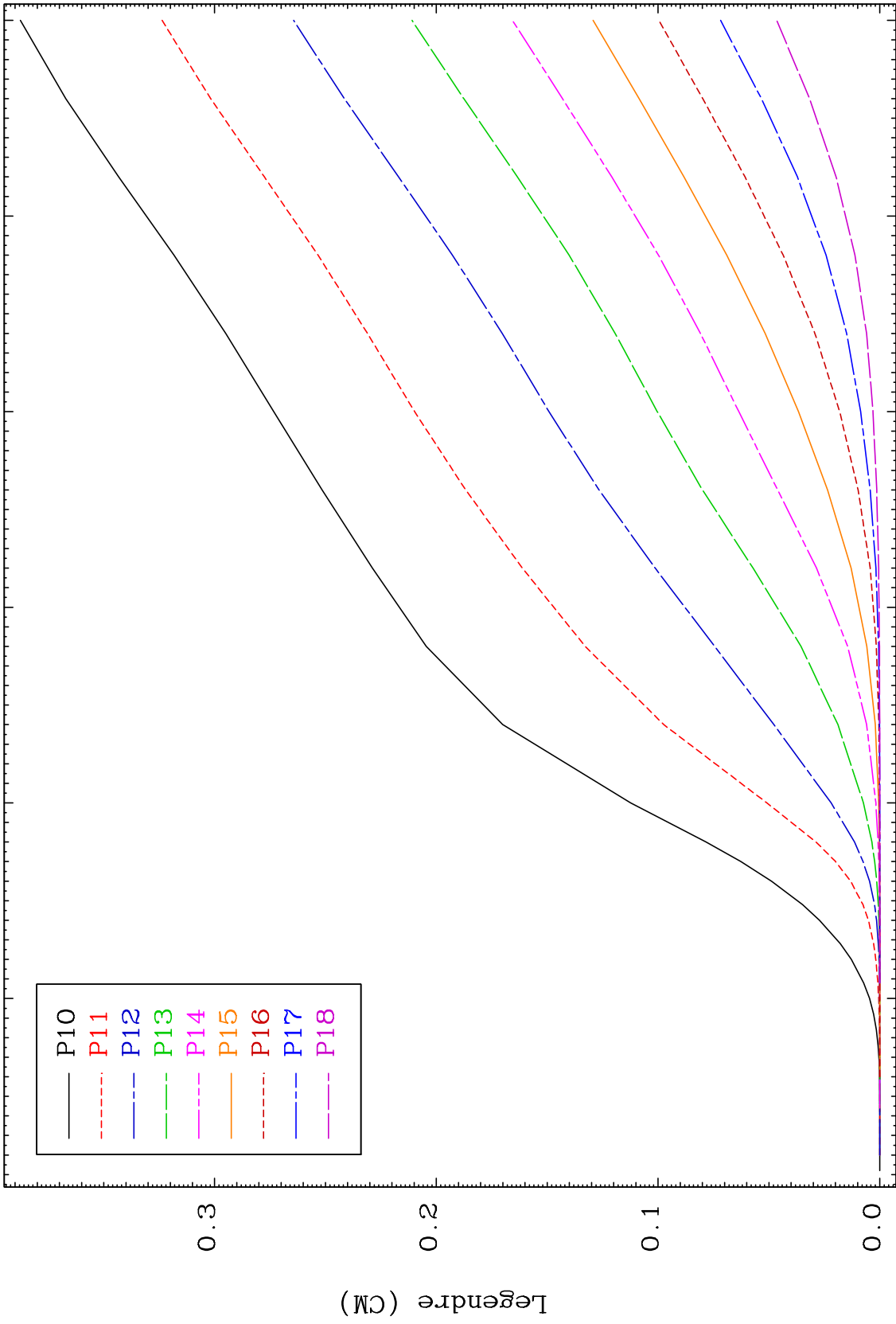
80-Hg-180

30

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



16

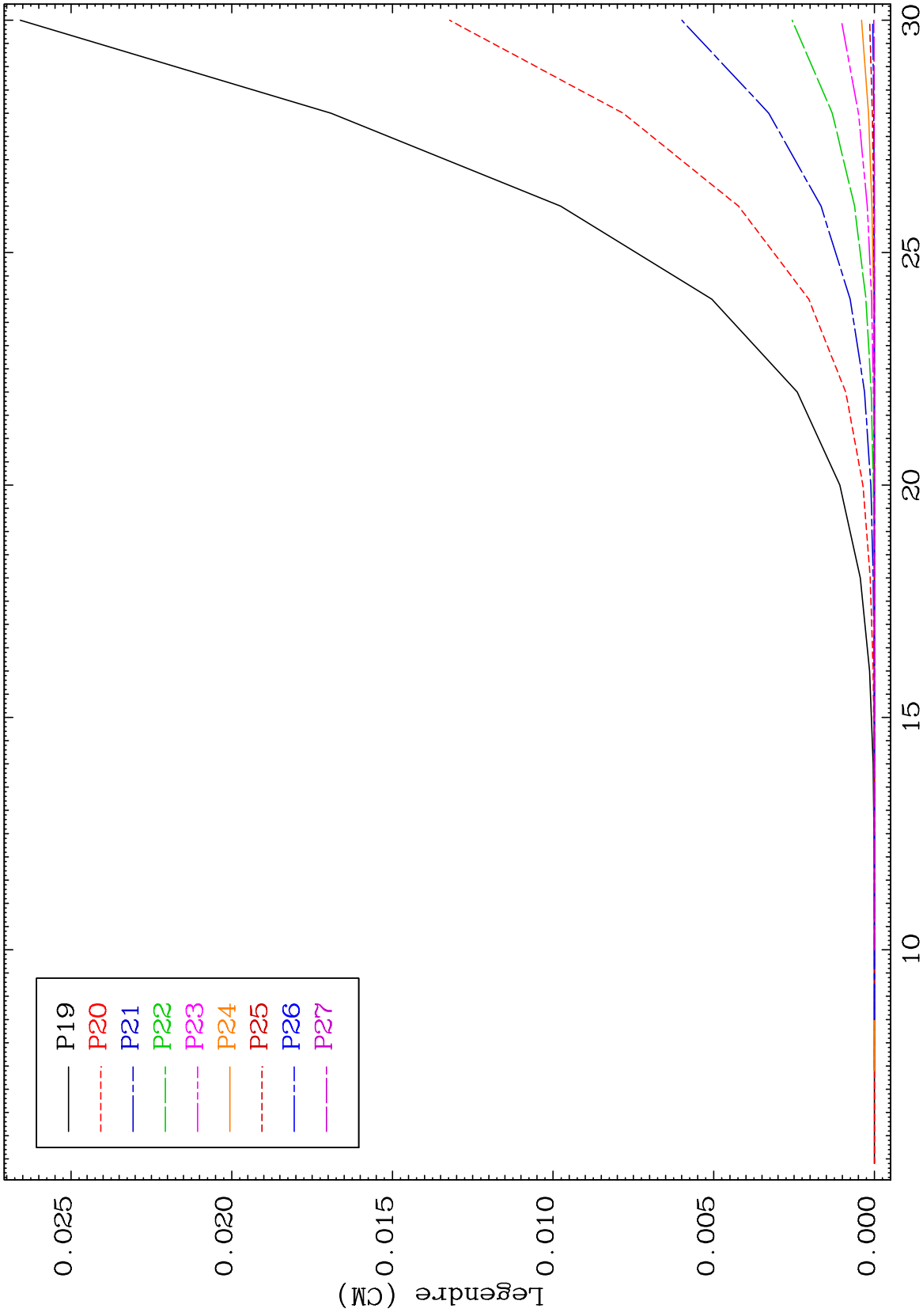
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



17

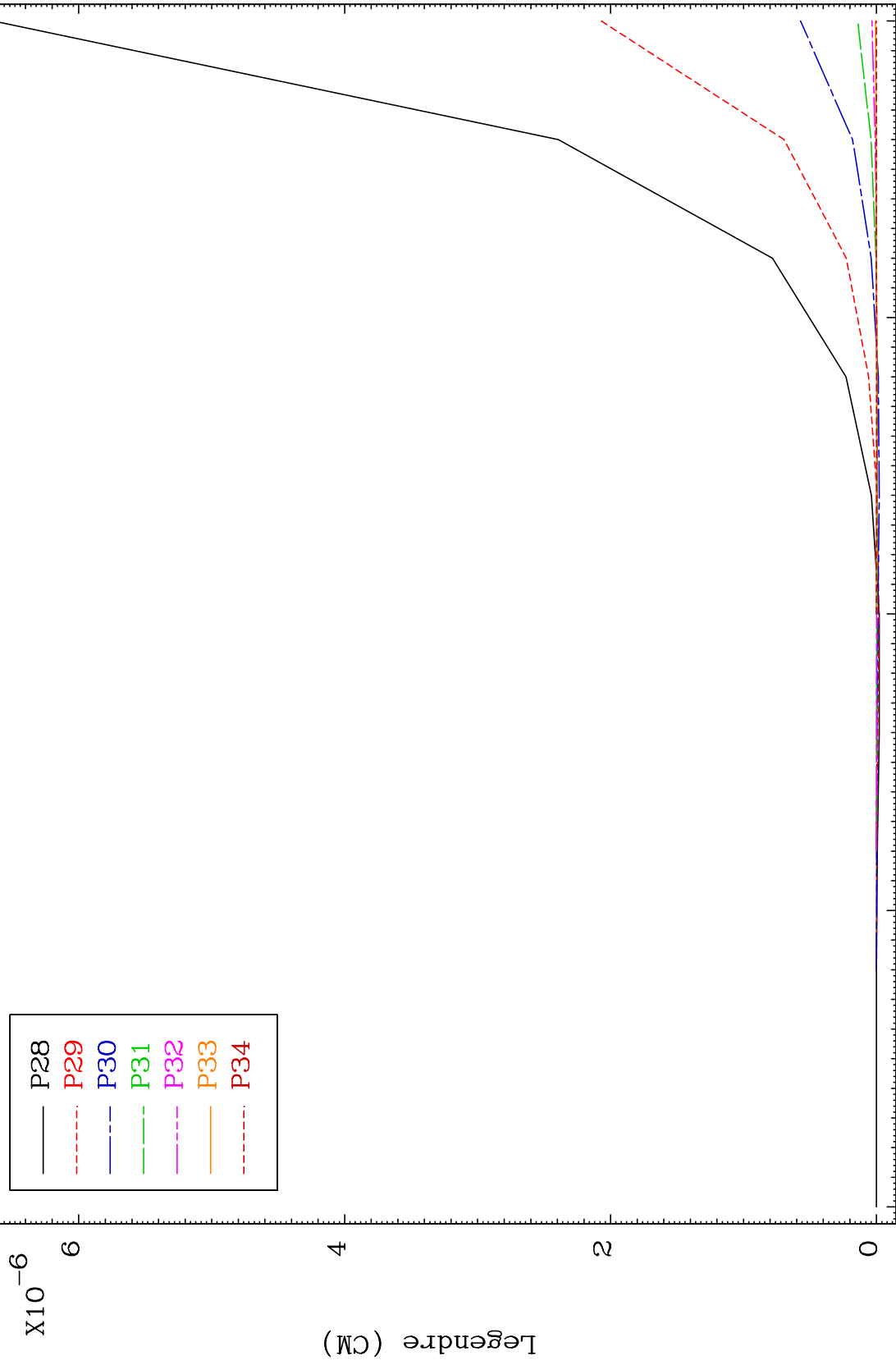
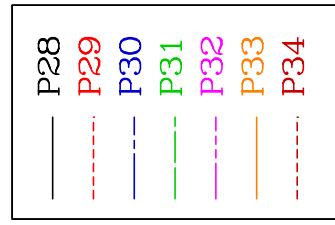
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



18

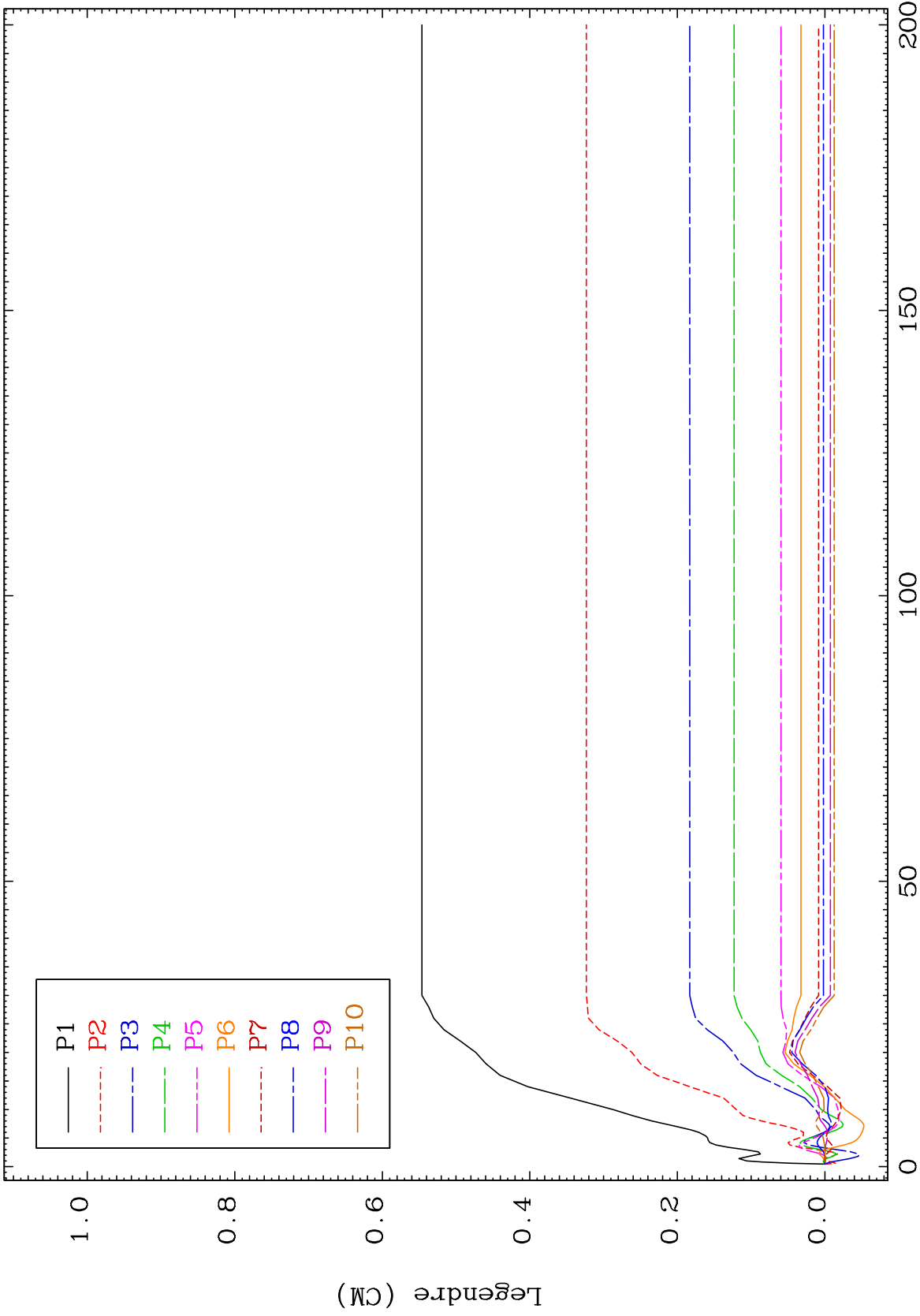
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

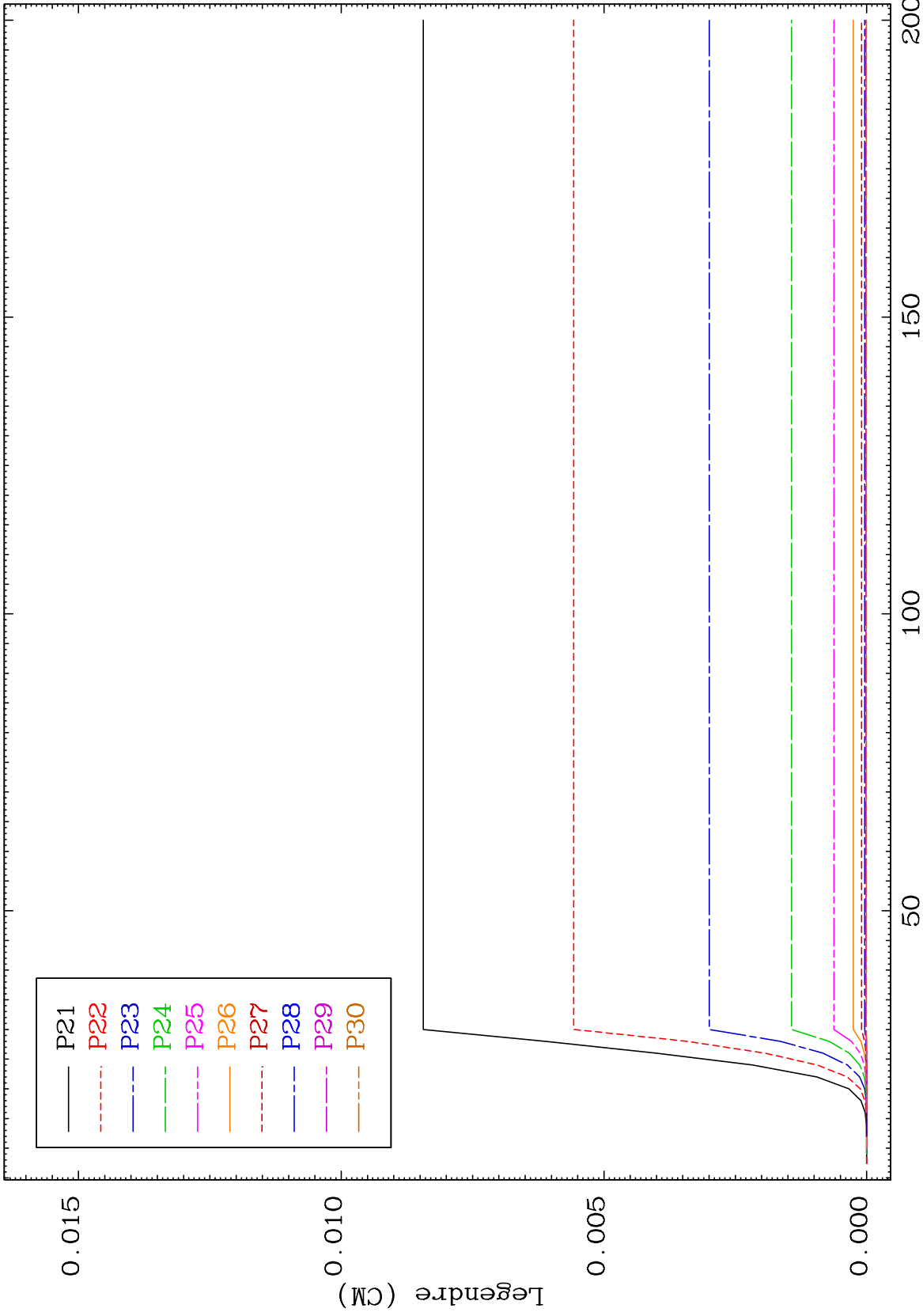
80-Hg-180



MAT 7977

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

80-Hg-180



21

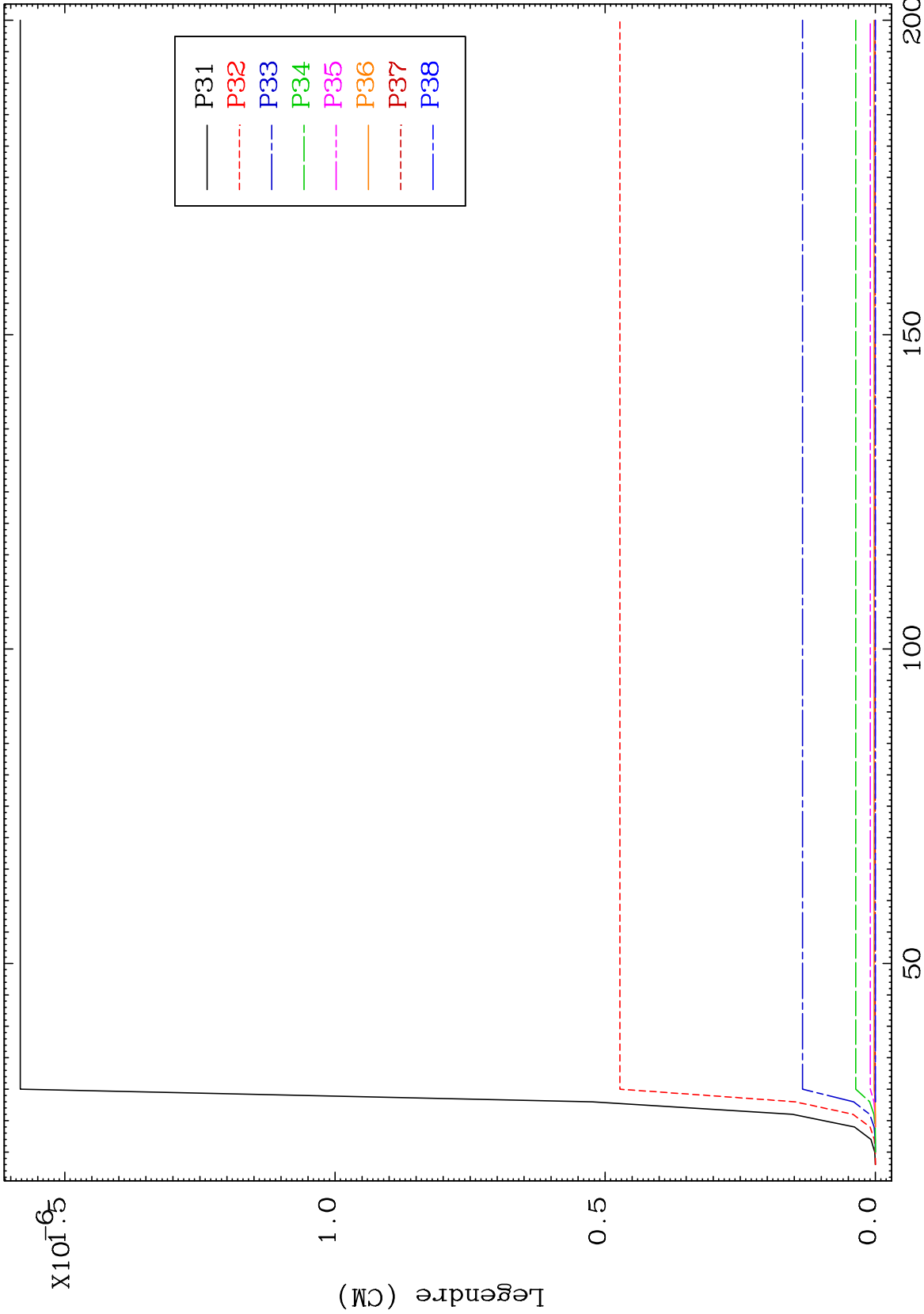
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

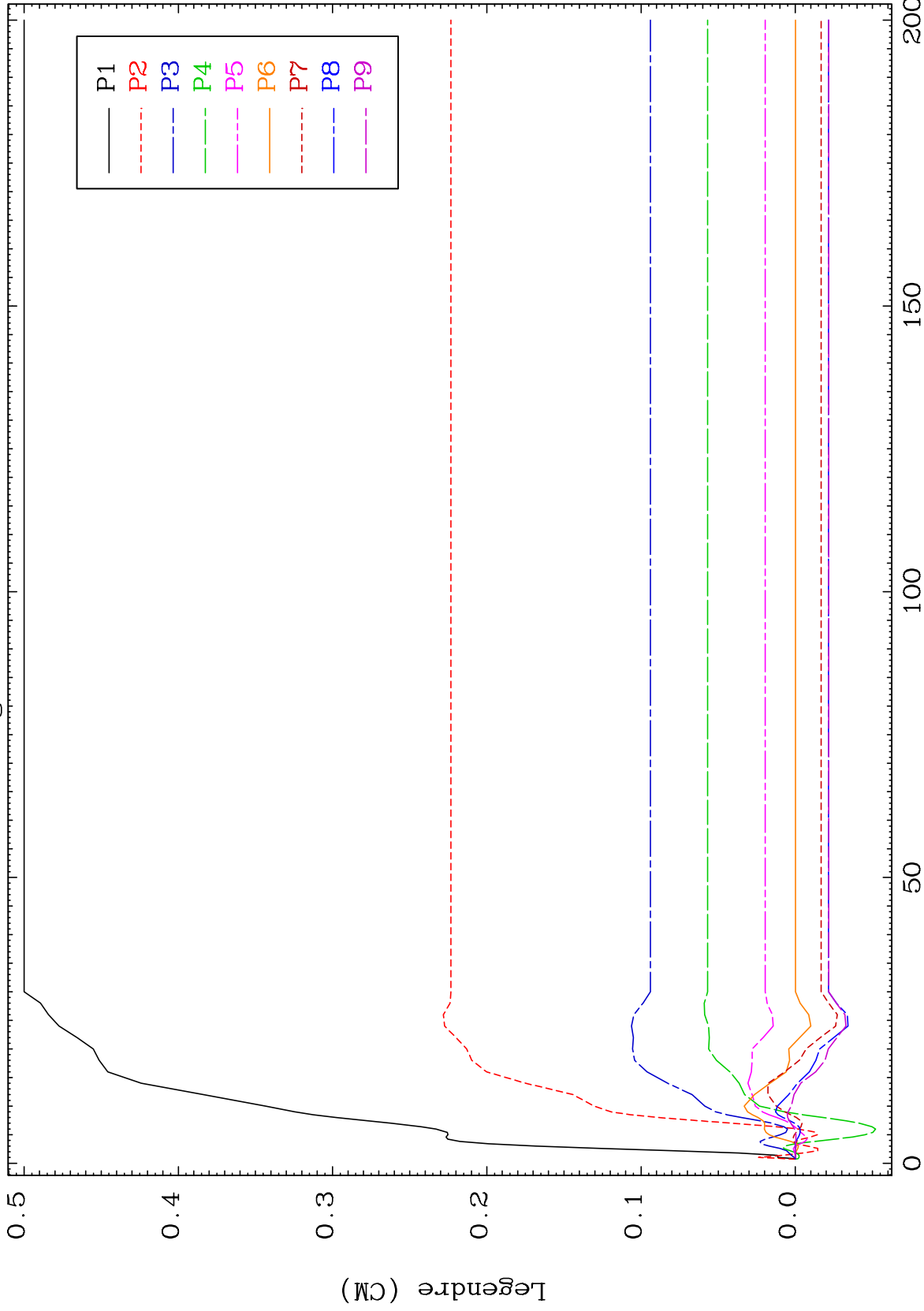
80-Hg-180



22

80-Hg-180

MAT 7977 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-180

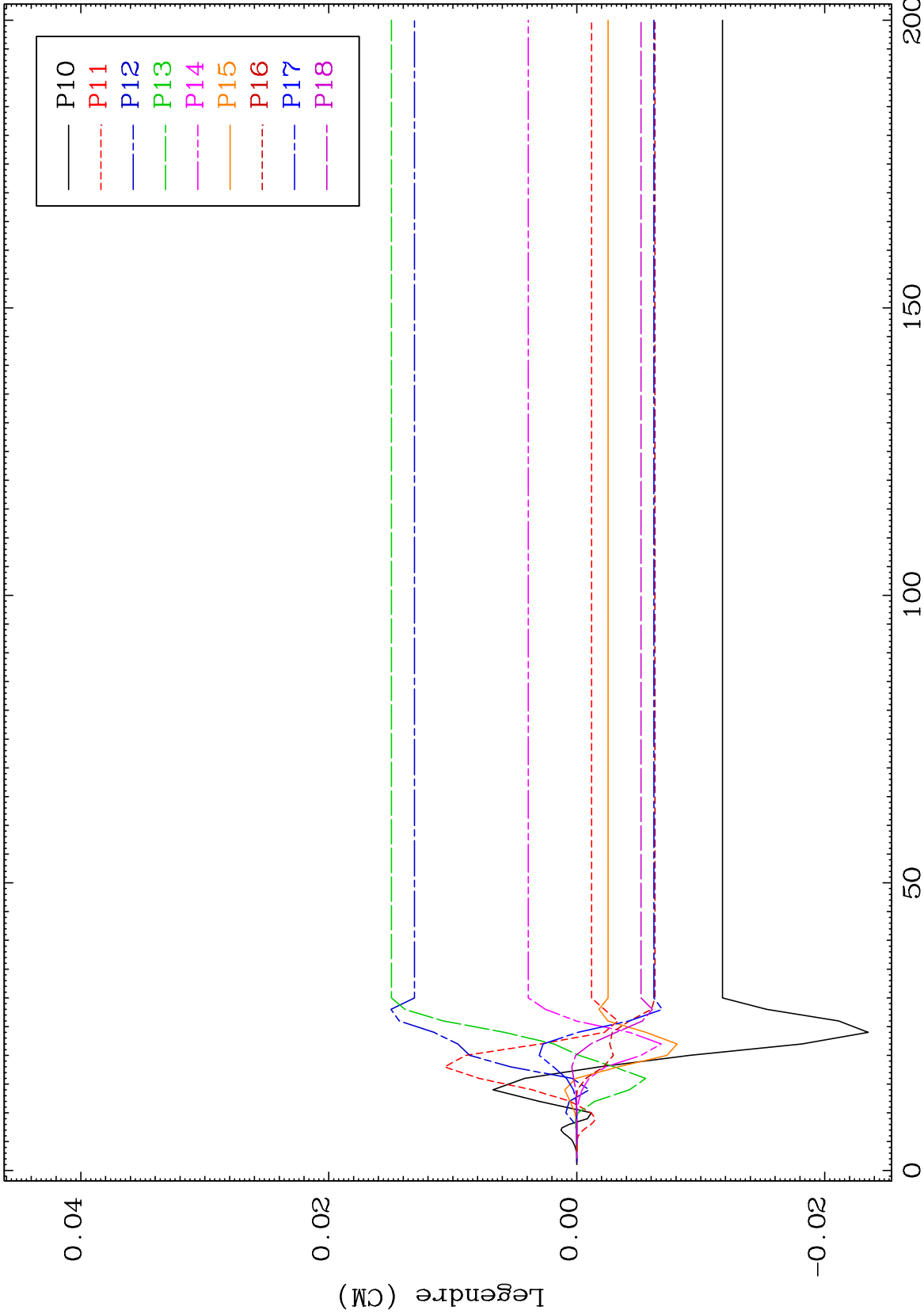


23 80-Hg-180

MAT 7977

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

80-Hg-180

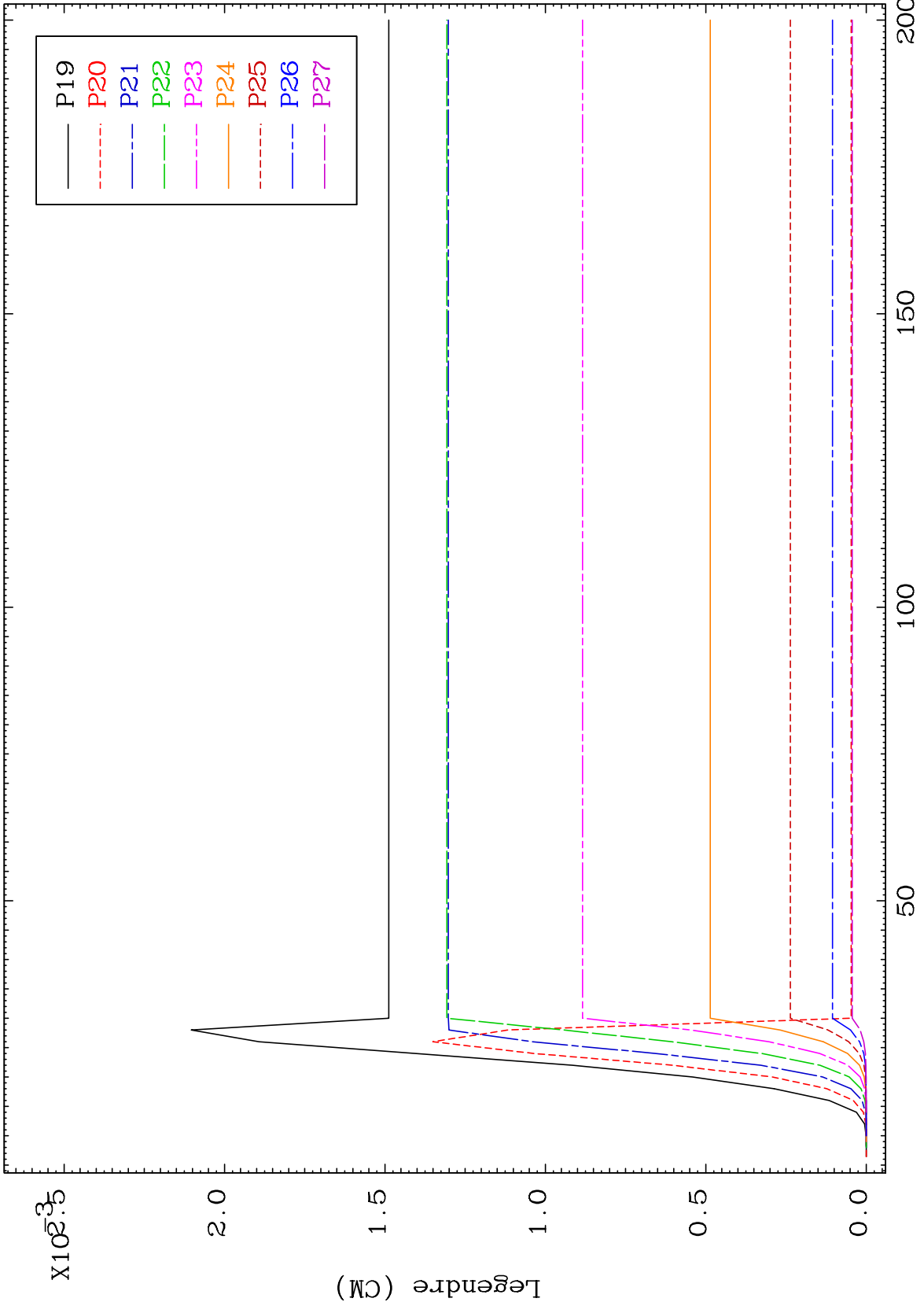


24

Incident Energy (MeV)

80-Hg-180

MAT 7977 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-180

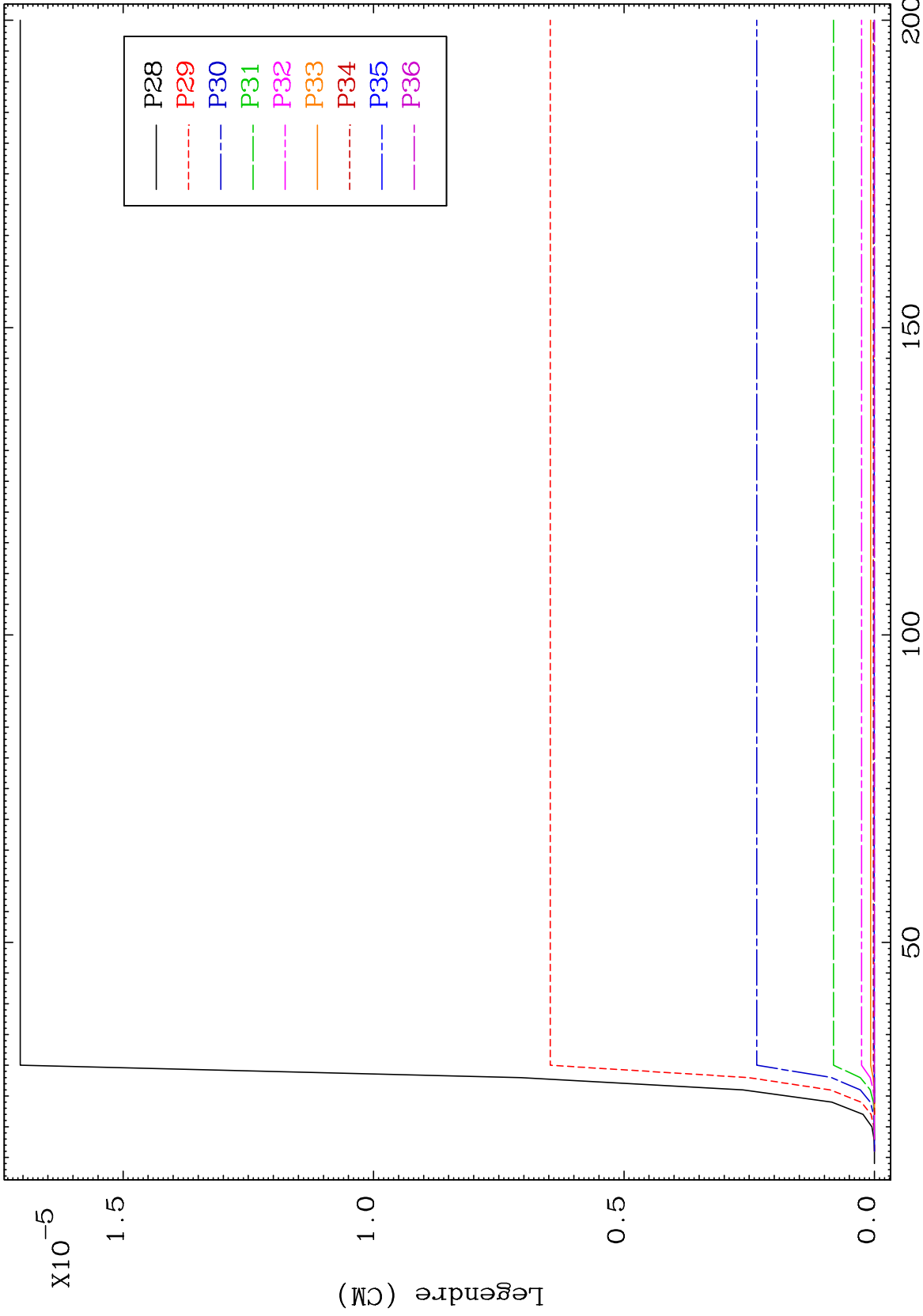


25 50 100 150 200 80-Hg-180

MAT 7977

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

80-Hg-180



26

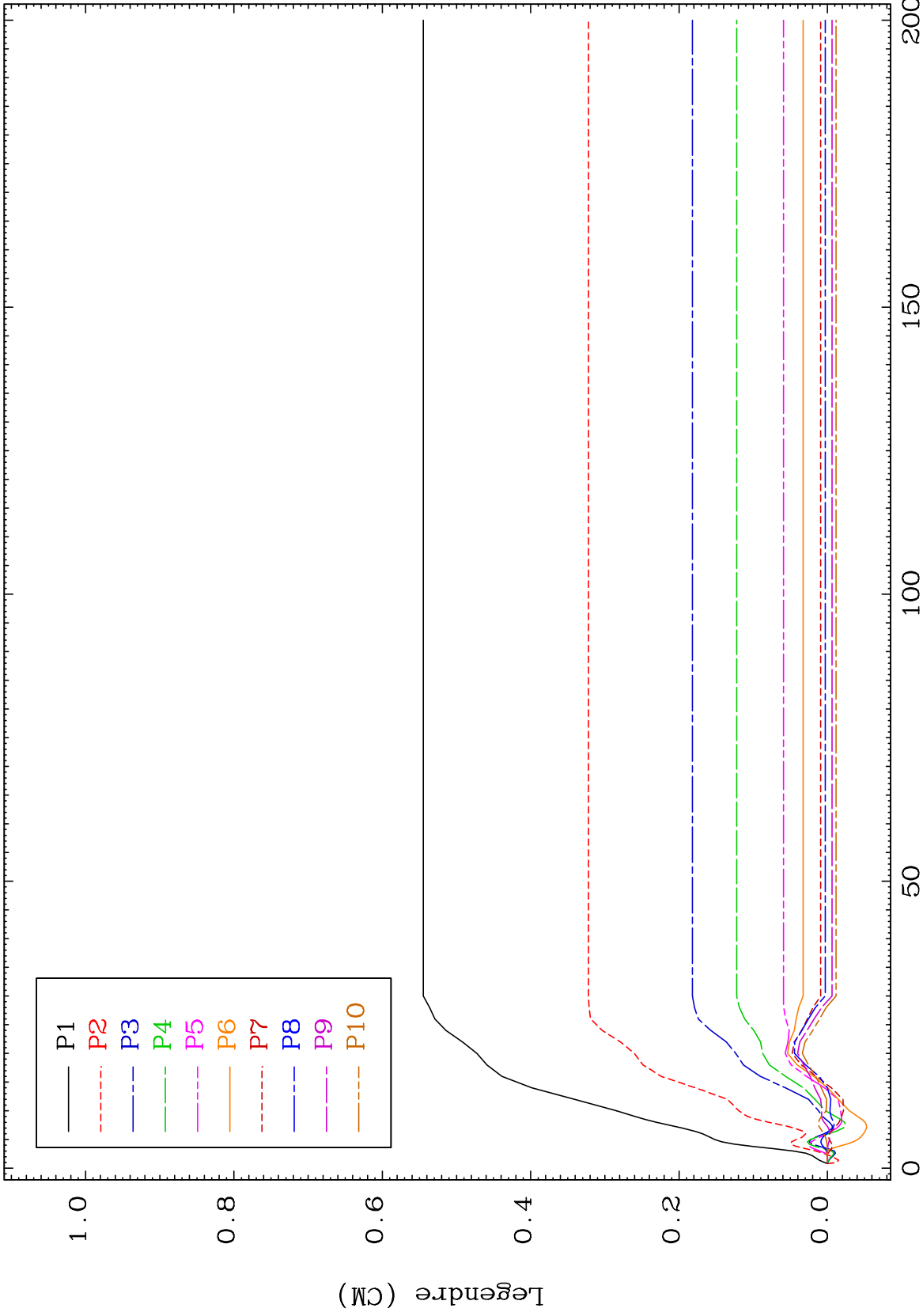
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



27

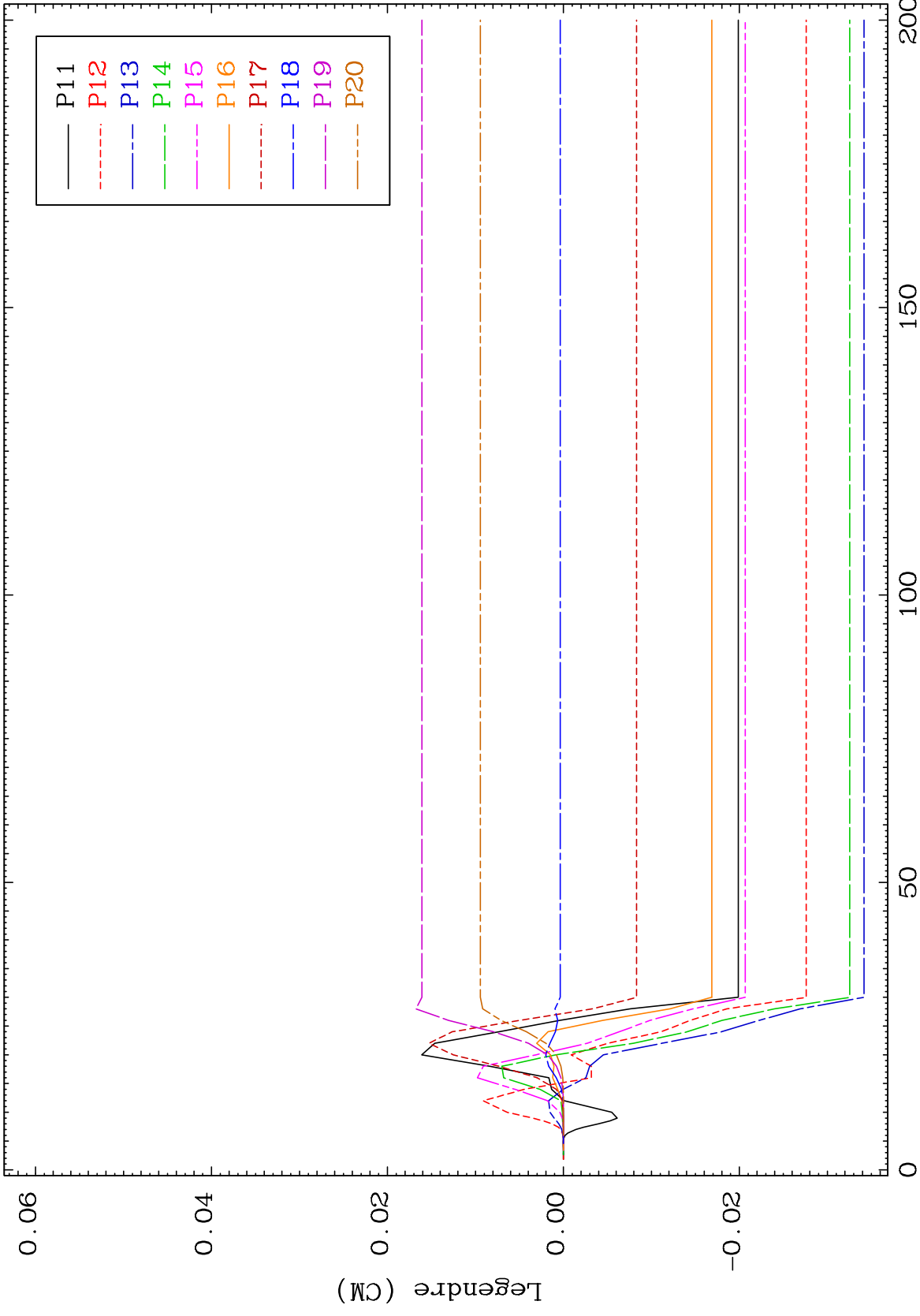
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



28

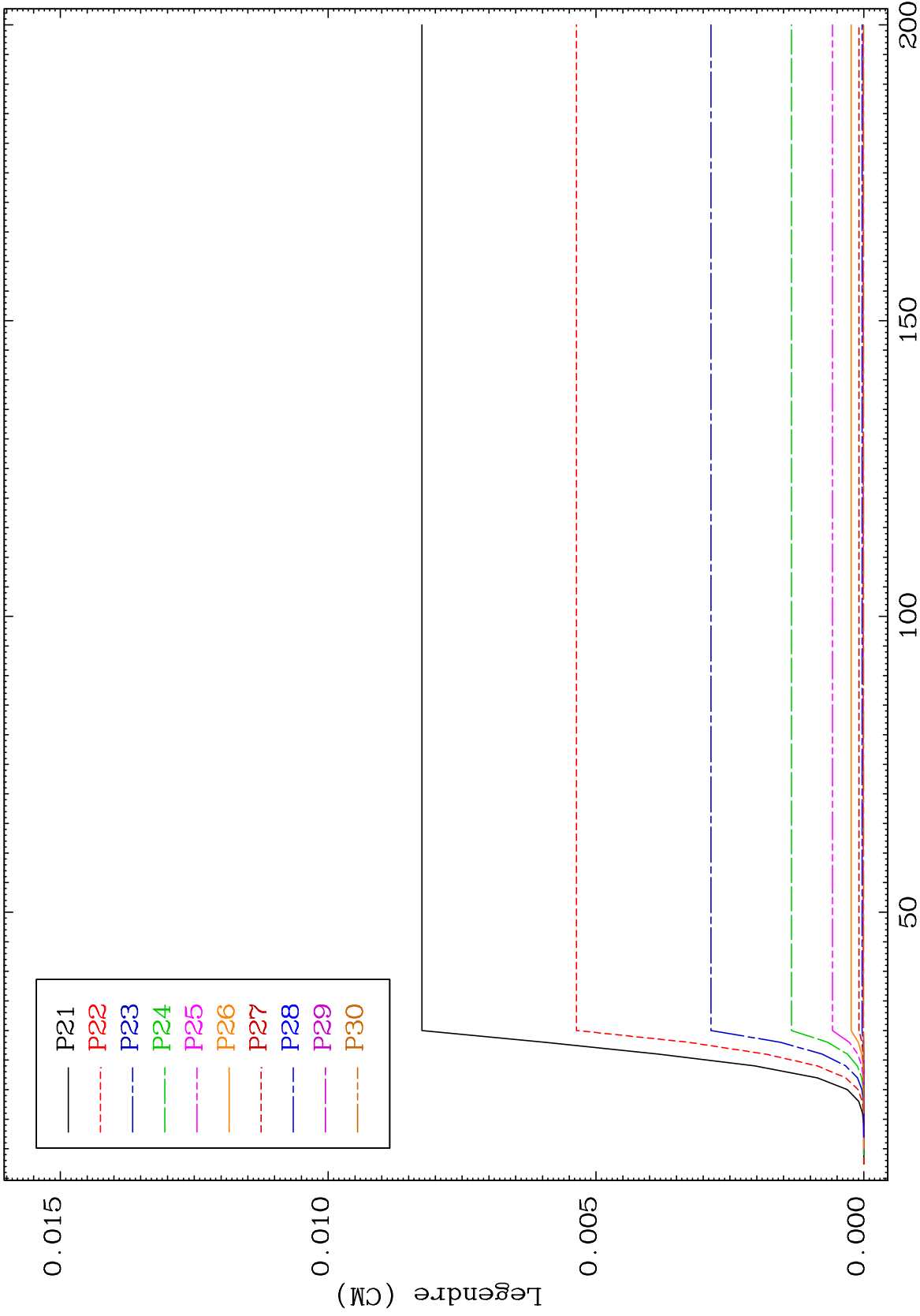
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



29

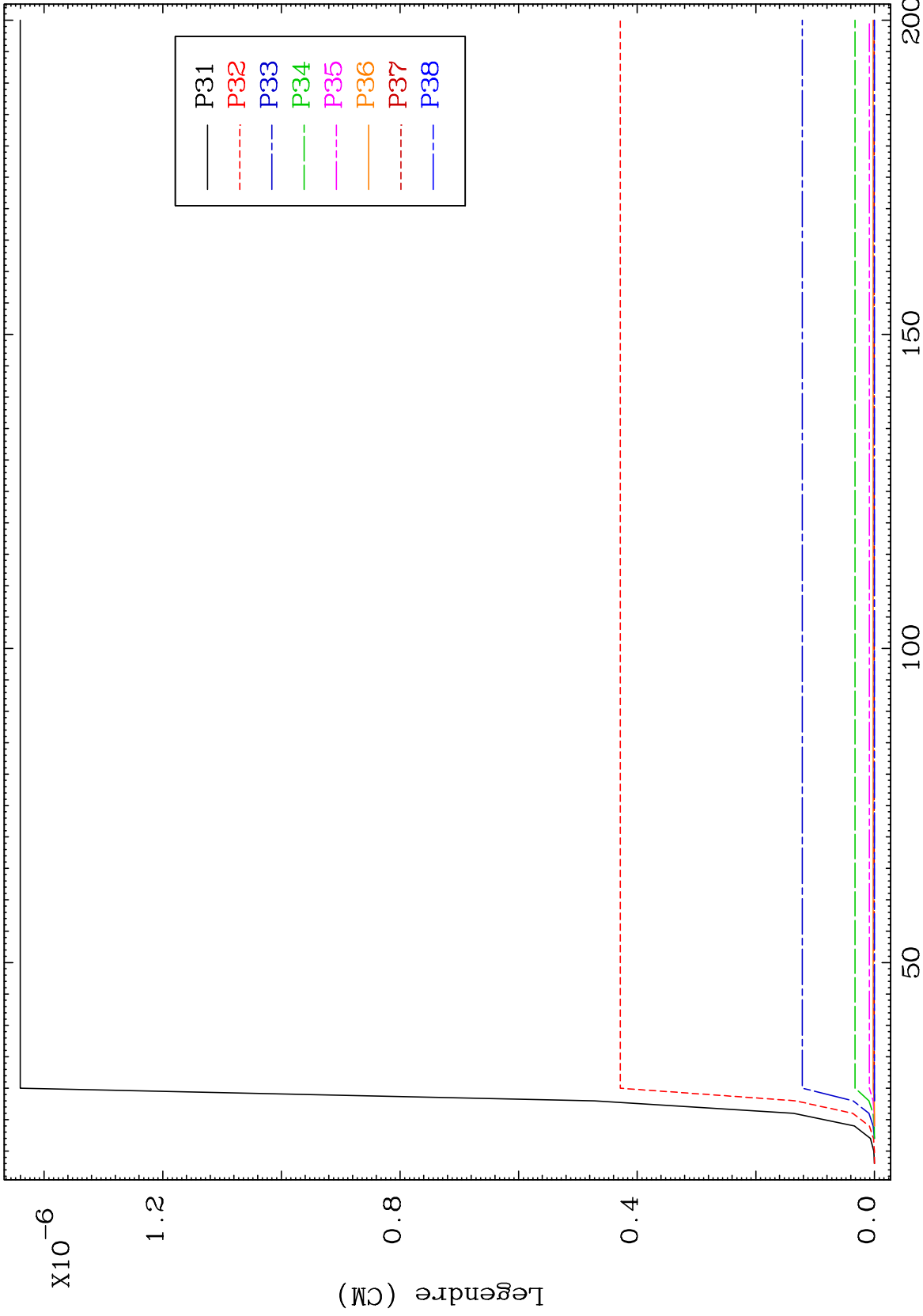
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



30

Incident Energy (MeV)

50

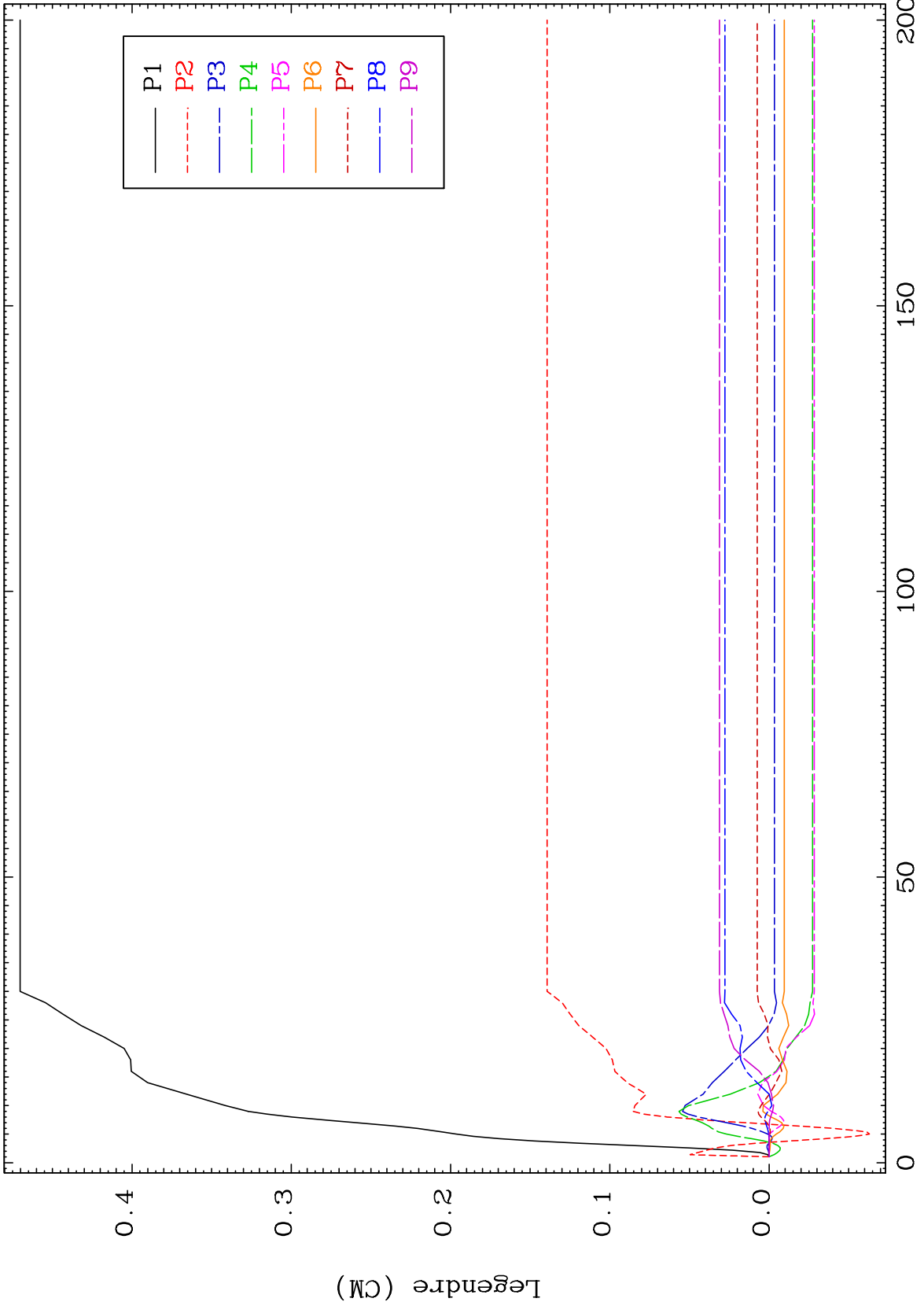
100

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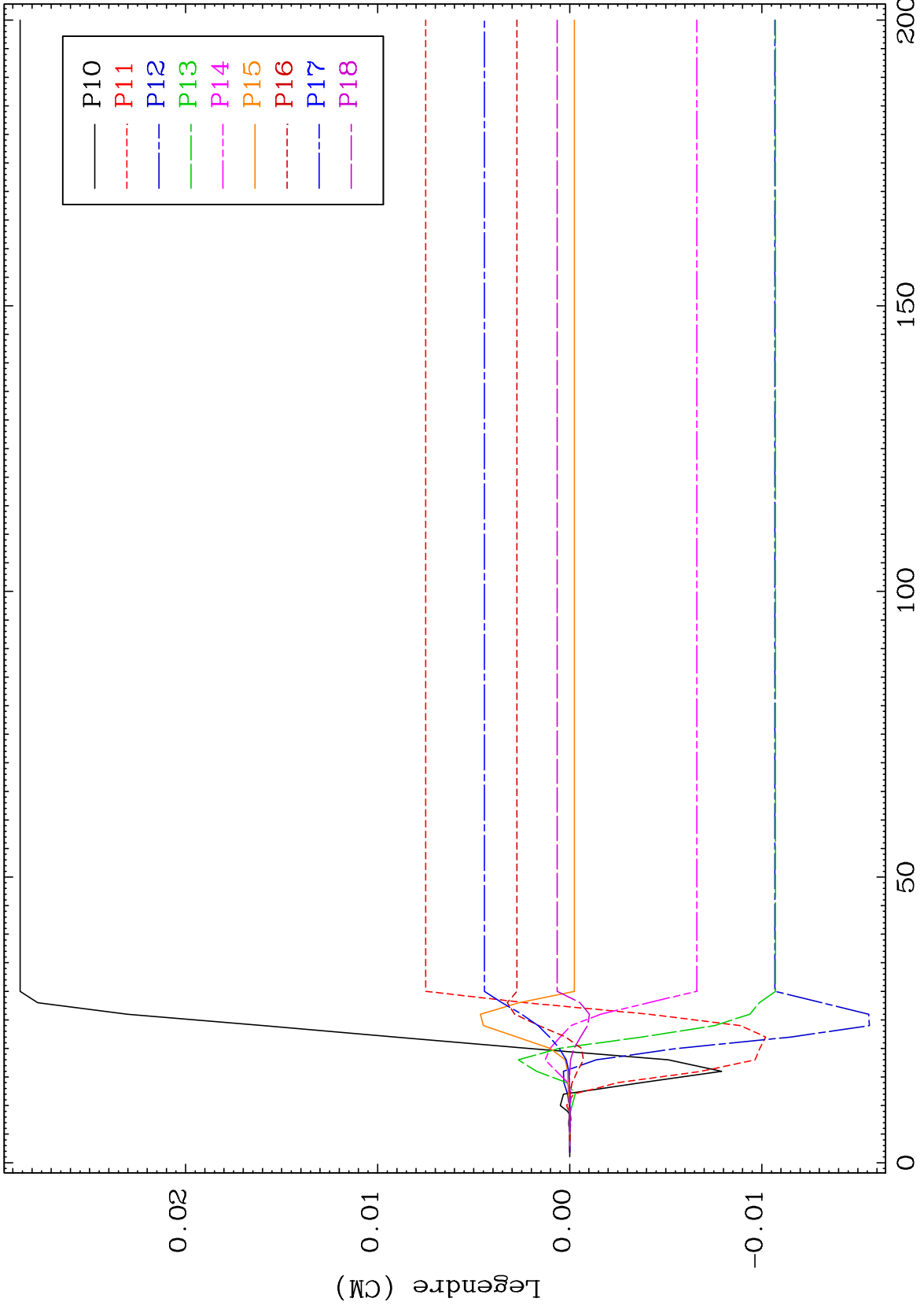
80-Hg-180

MAT 7977 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-180



31 80-Hg-180

MAT 7977 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-180

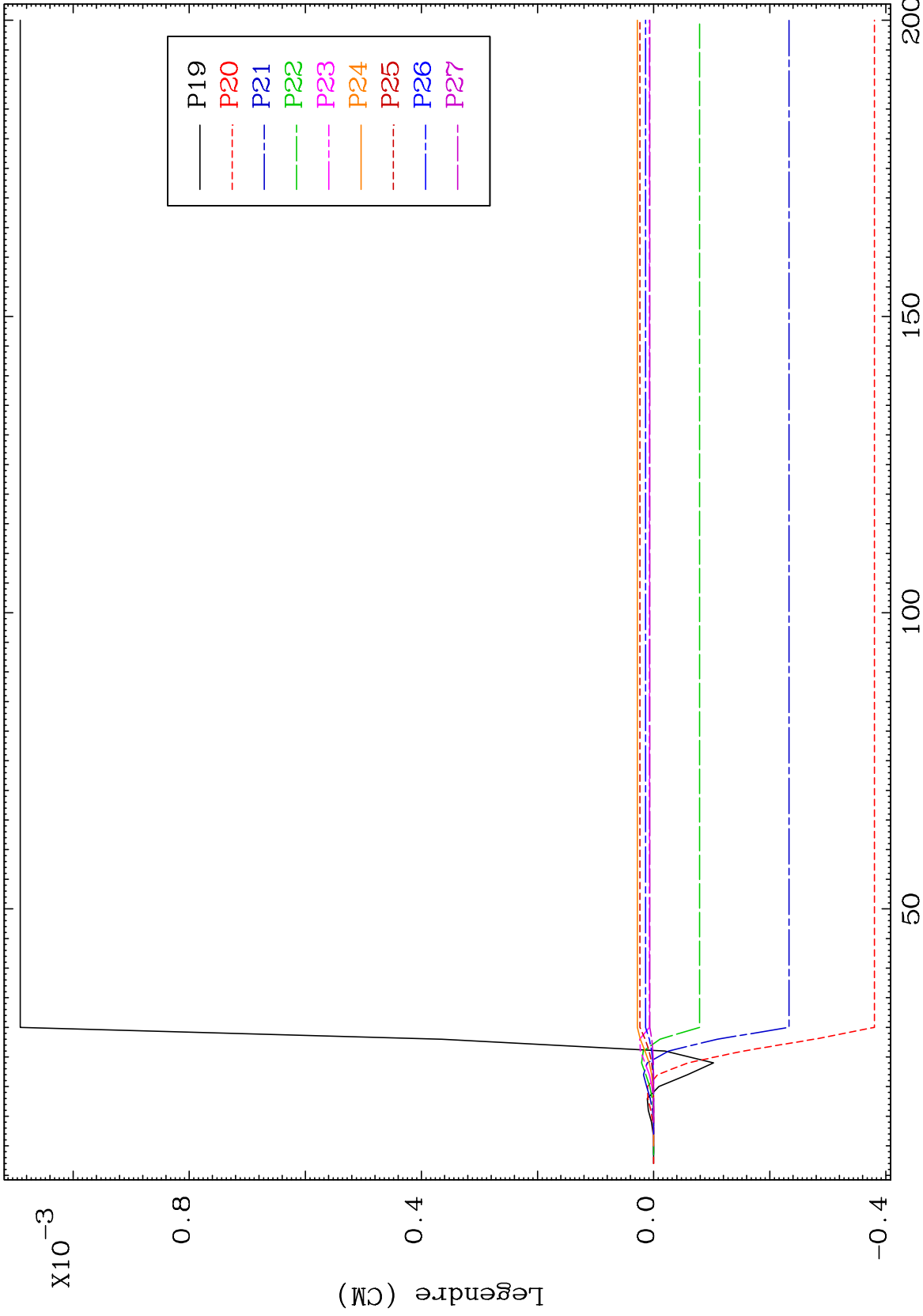


32 80-Hg-180

MAT 7977

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

80-Hg-180



33

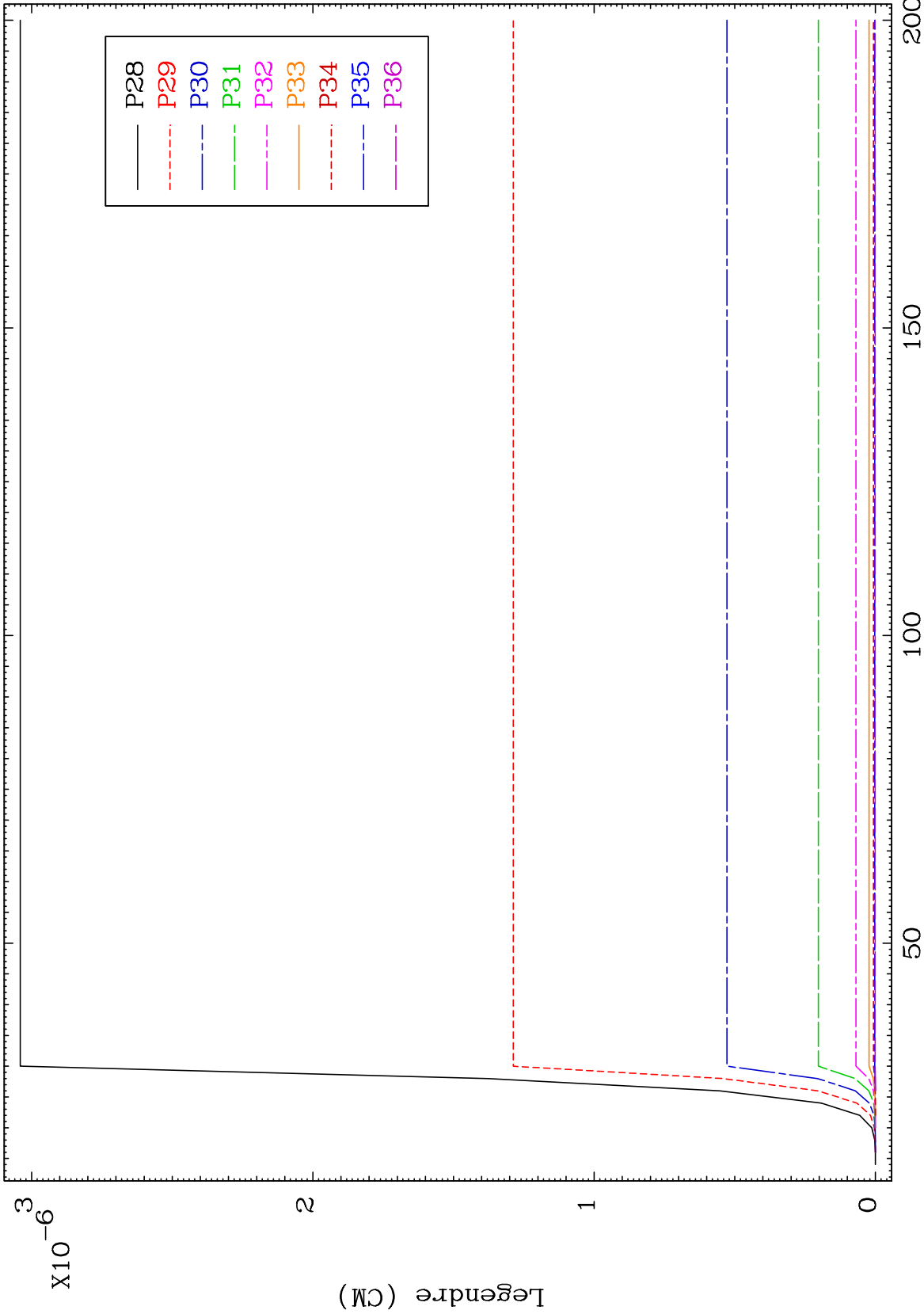
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180

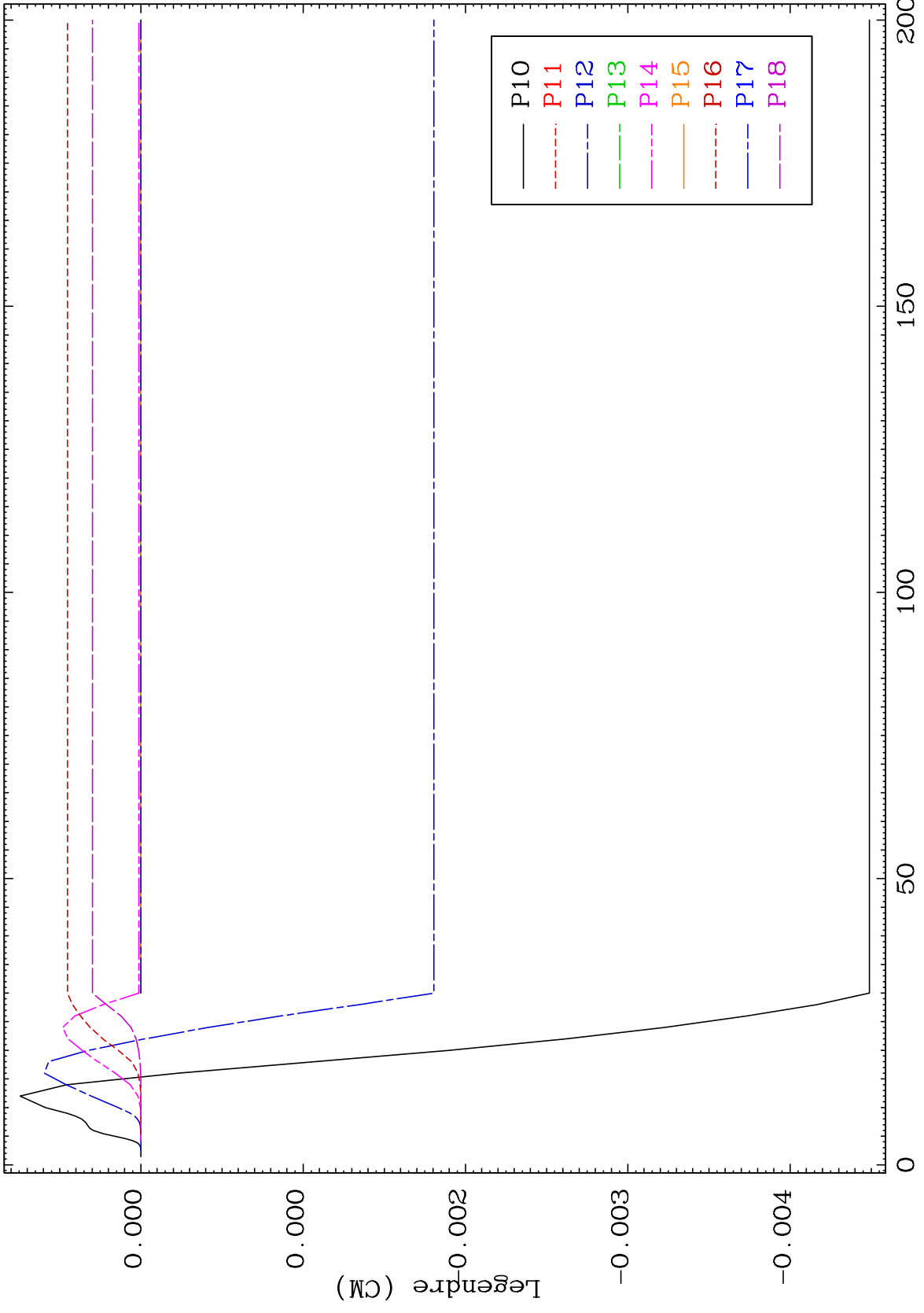


34

Incident Energy (MeV)

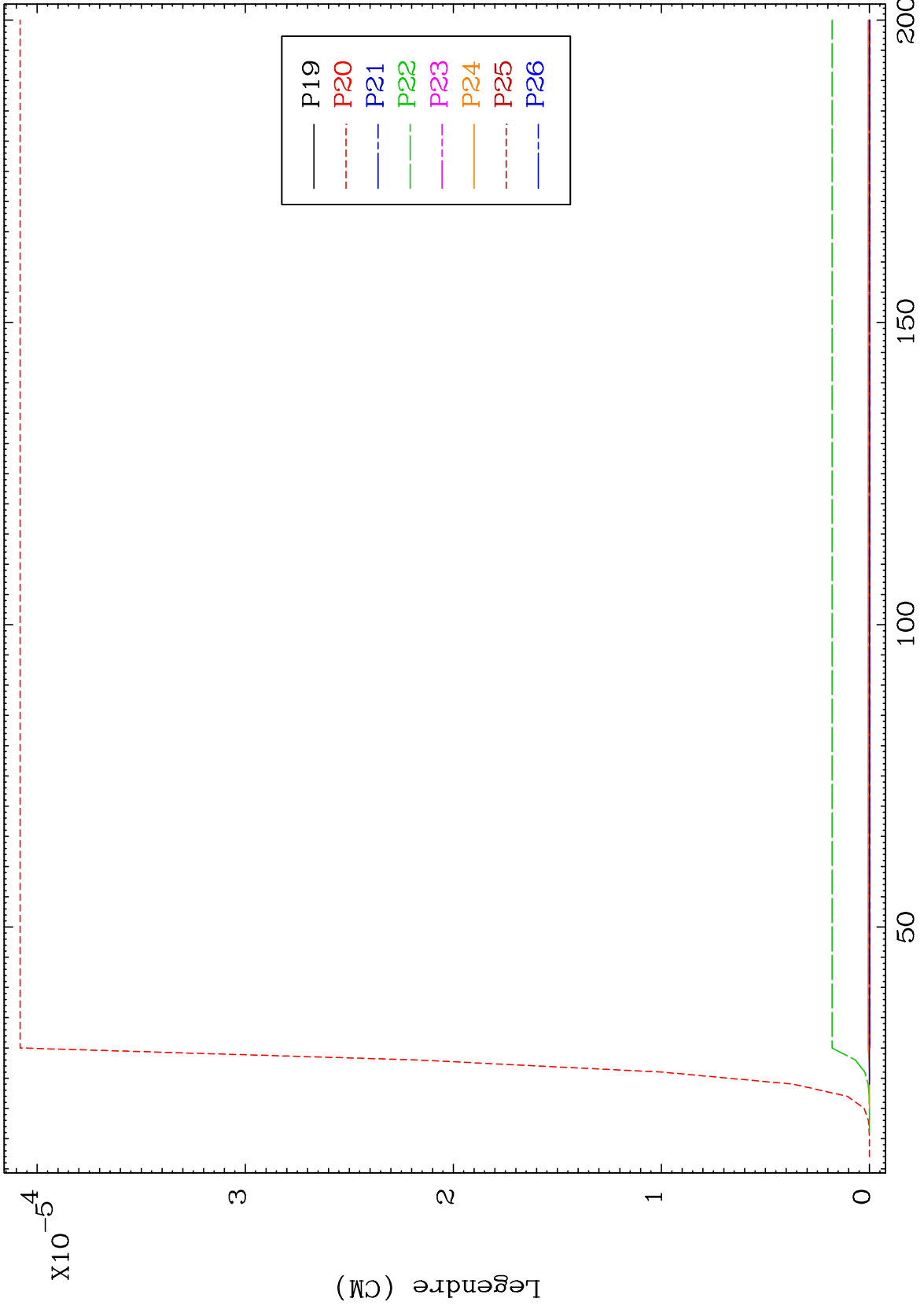
80-Hg-180

MAT 7977 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-180

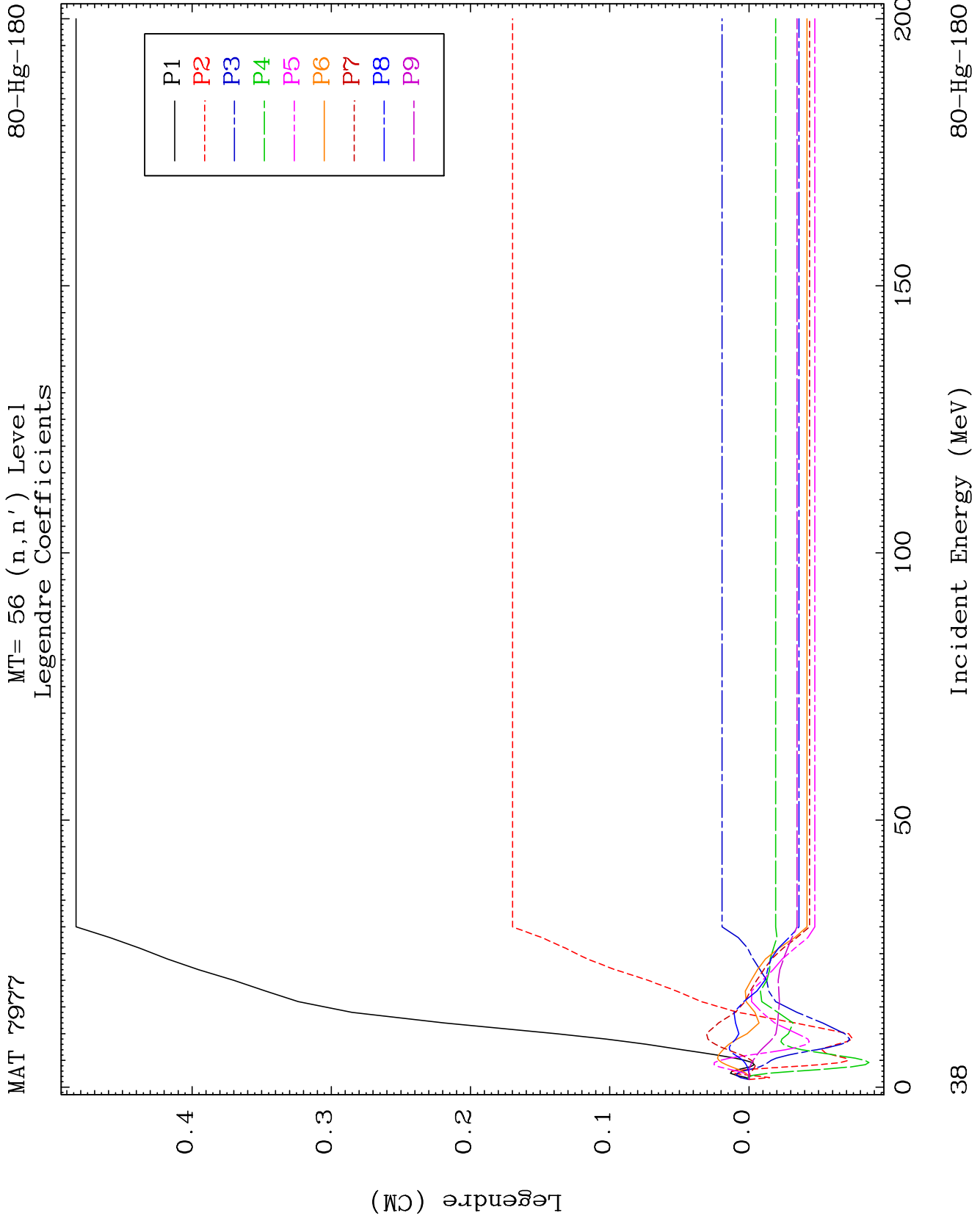


36 80-Hg-180

MAT 7977 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-180



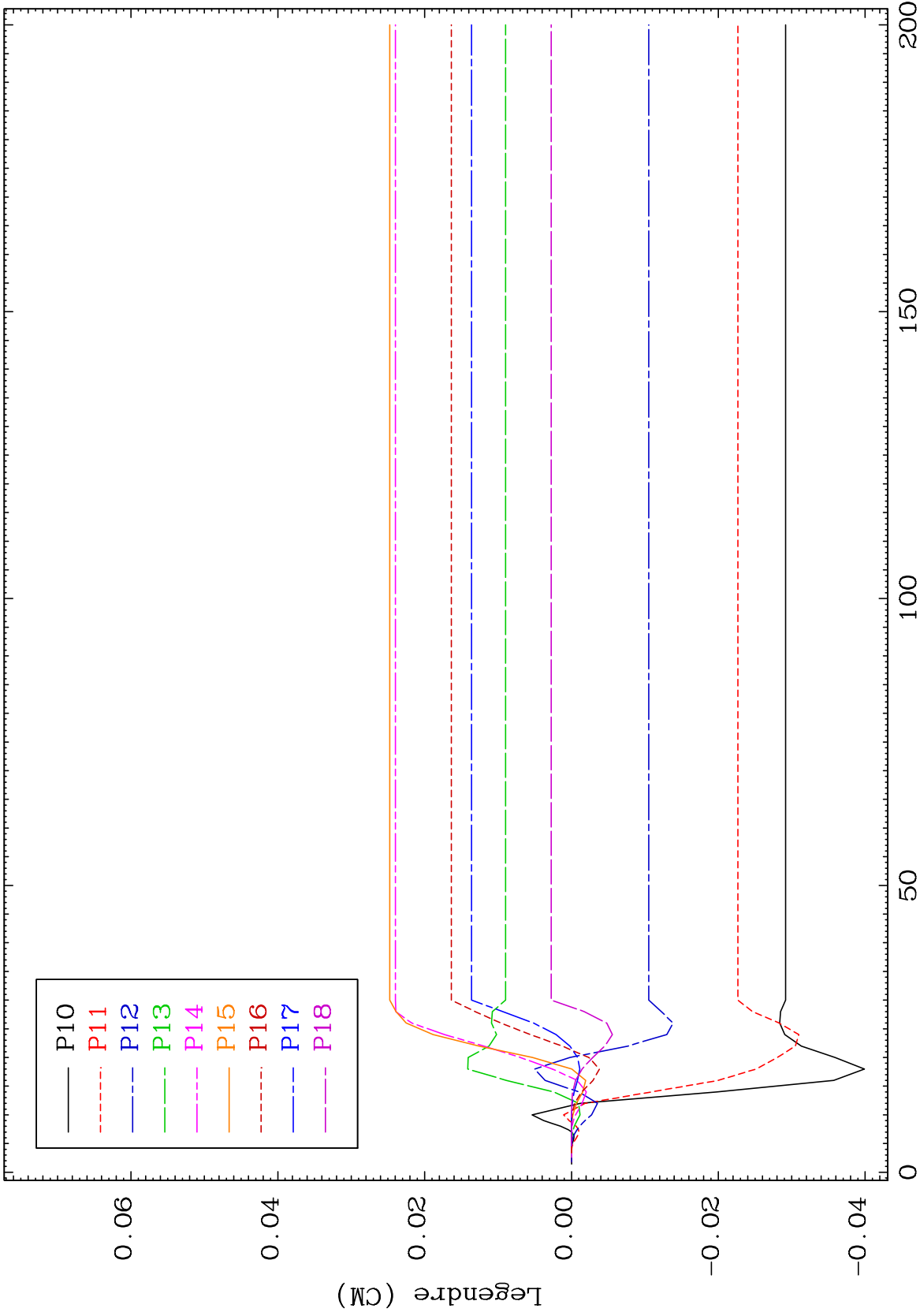
37 Incident Energy (MeV) 80-Hg-180



MAT 7977

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

80-Hg-180



39

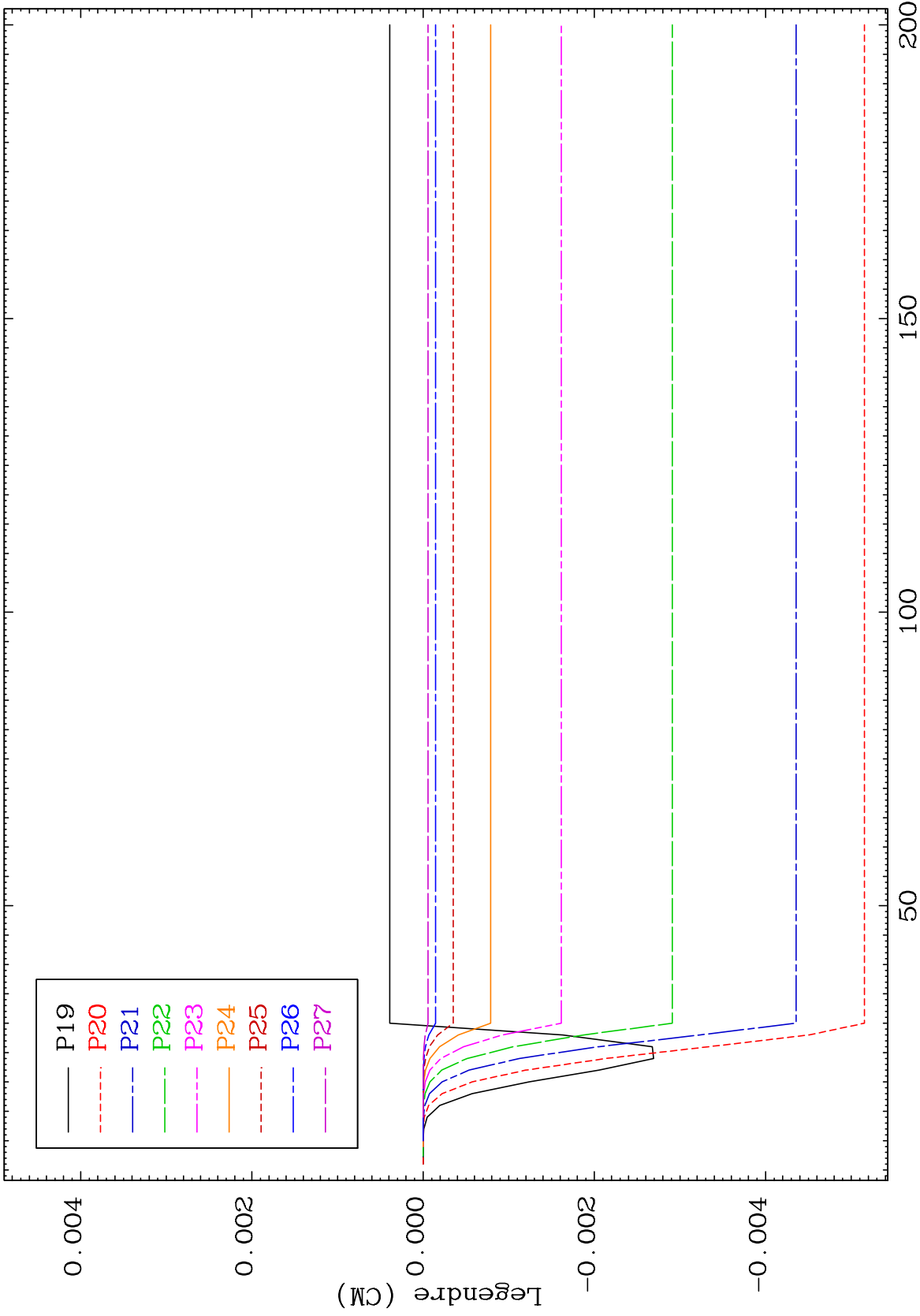
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180

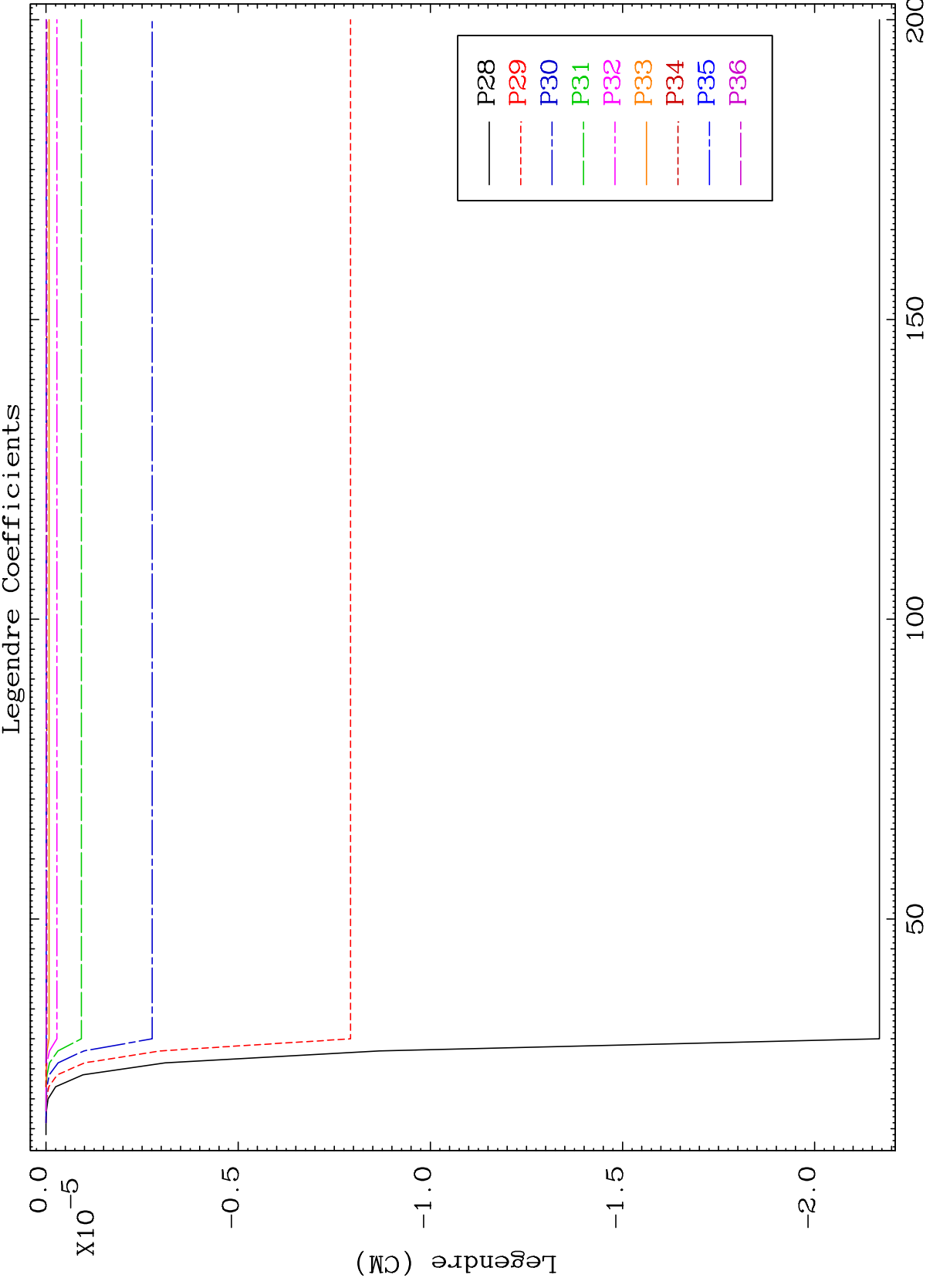


40

Incident Energy (MeV)

80-Hg-180

MAT 7977 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-180

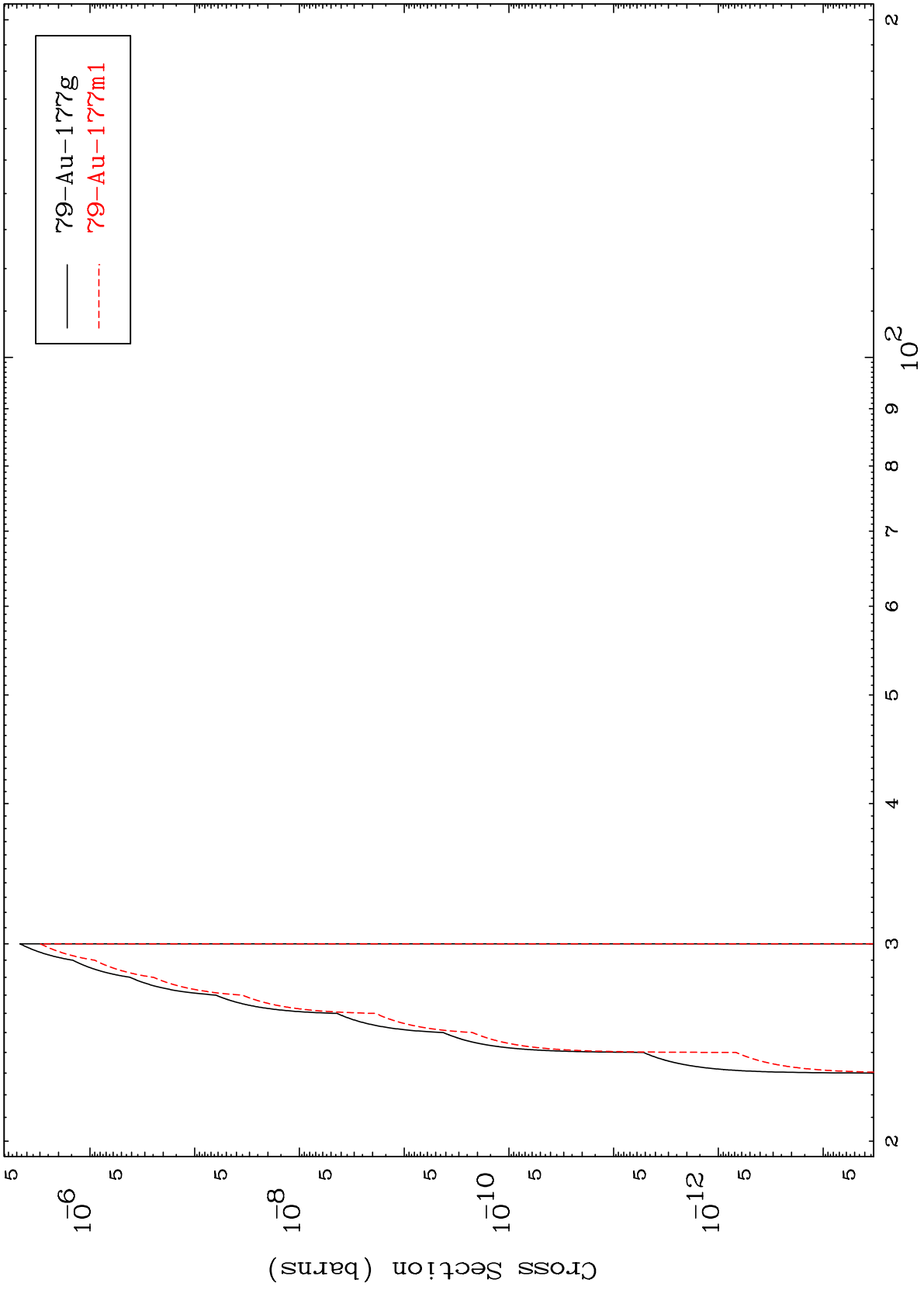


MAT 79777

(n,2n) d

80-Hg-180

Radionuclide Production Cross Section



42

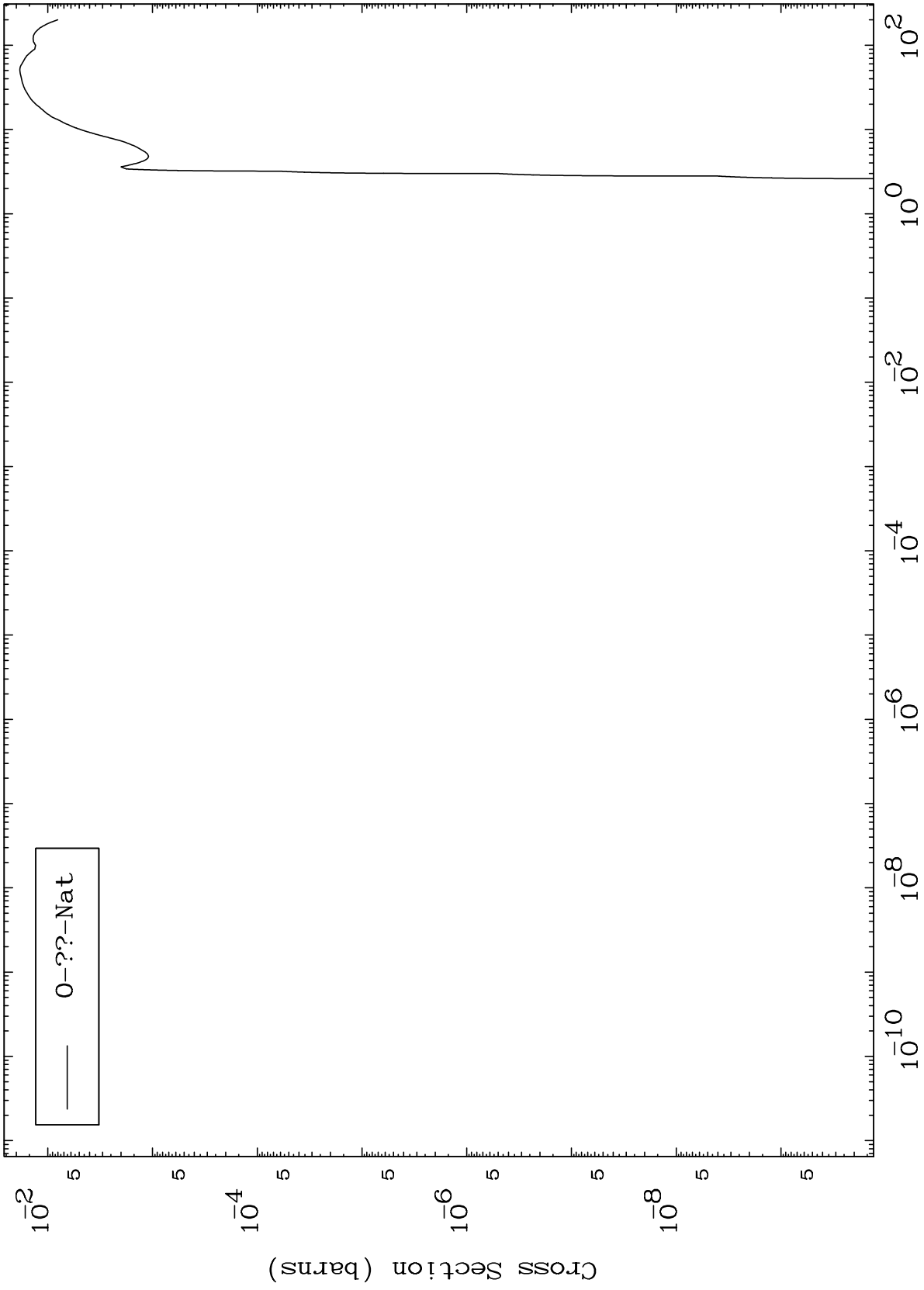
Incident Energy (MeV)

80-Hg-180

MAT 7977

Fission
Radionuclide Production Cross Section

80-Hg-180

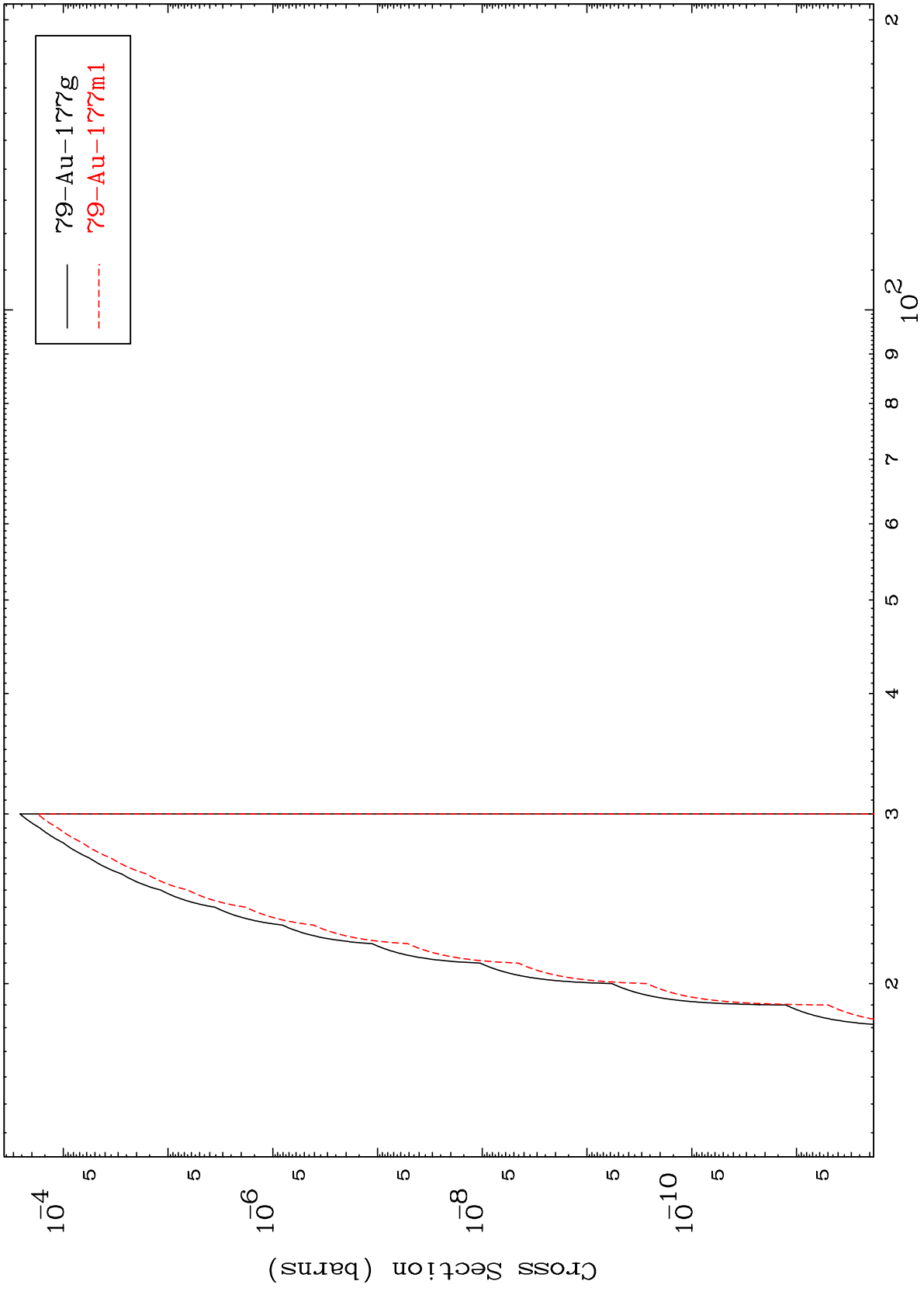


MAT 7977

(n,n') t

80-Hg-180

Radionuclide Production Cross Section



44

Incident Energy (MeV)

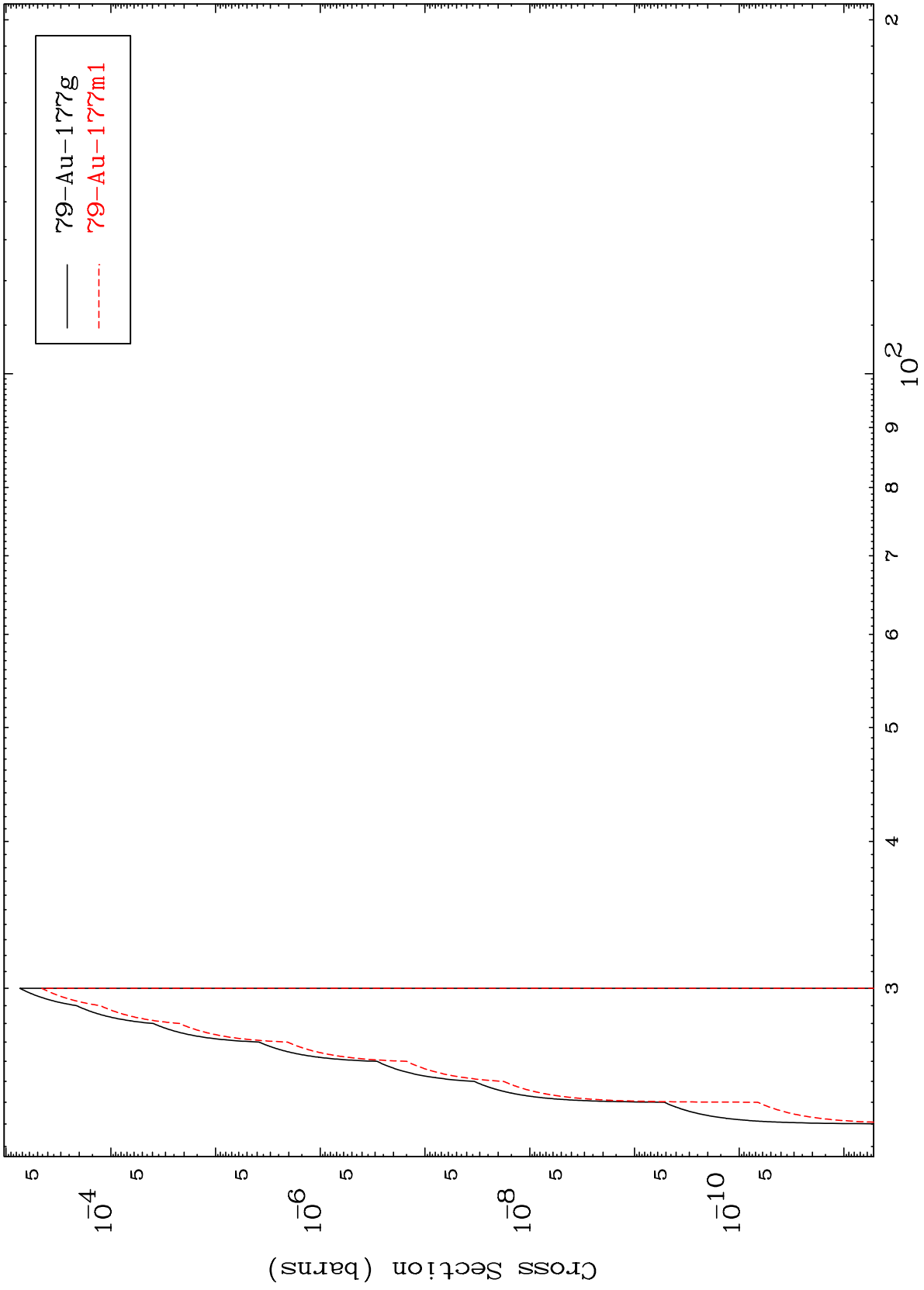
80-Hg-180

MAT 7977

(n,3n) p

80-Hg-180

Radionuclide Production Cross Section



45

Incident Energy (MeV)

80-Hg-180