

Program EVALPLOT
(Version 2021-1)

by

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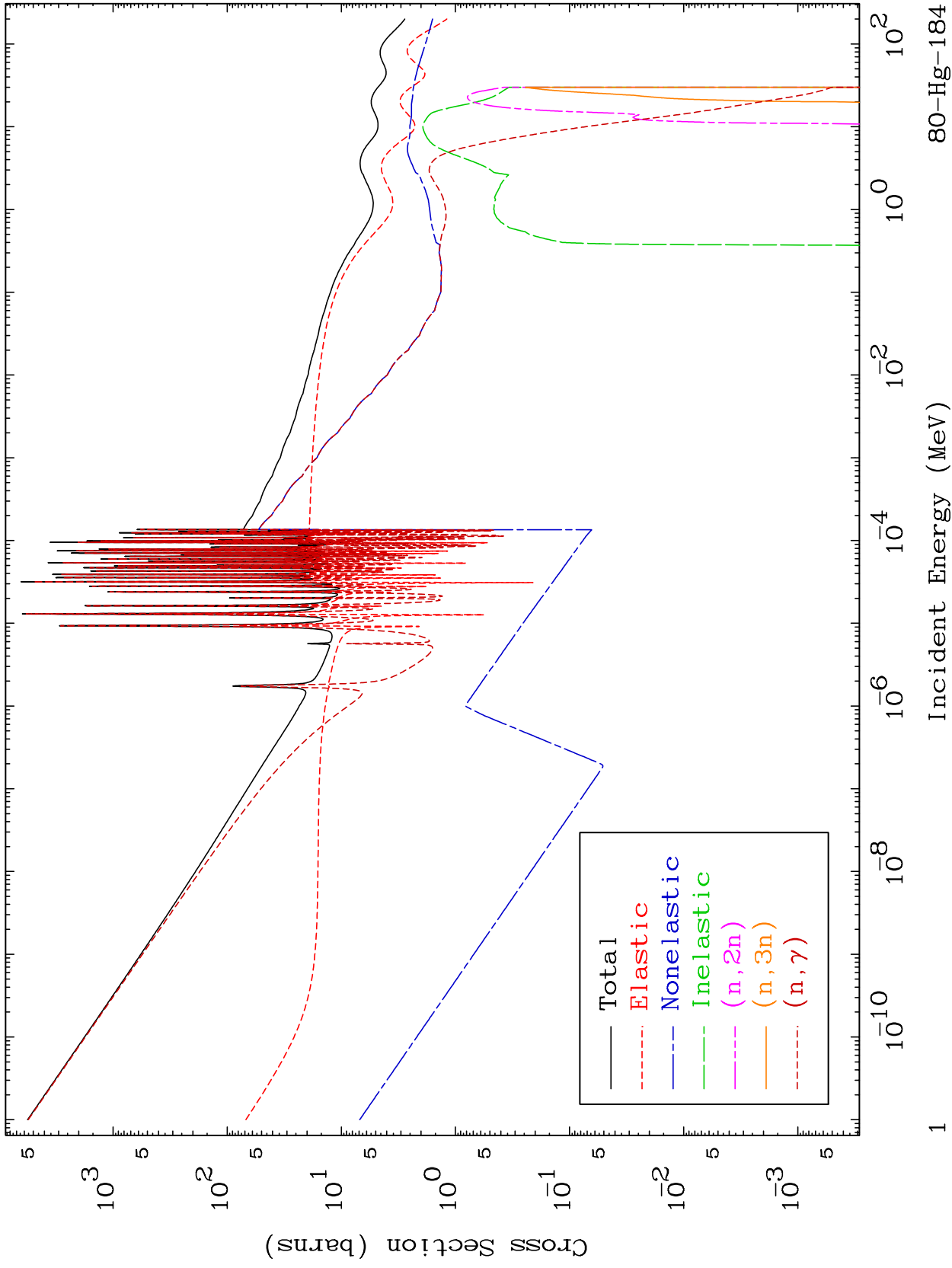
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7989

Neutron Major
293 Kelvin Cross Sections

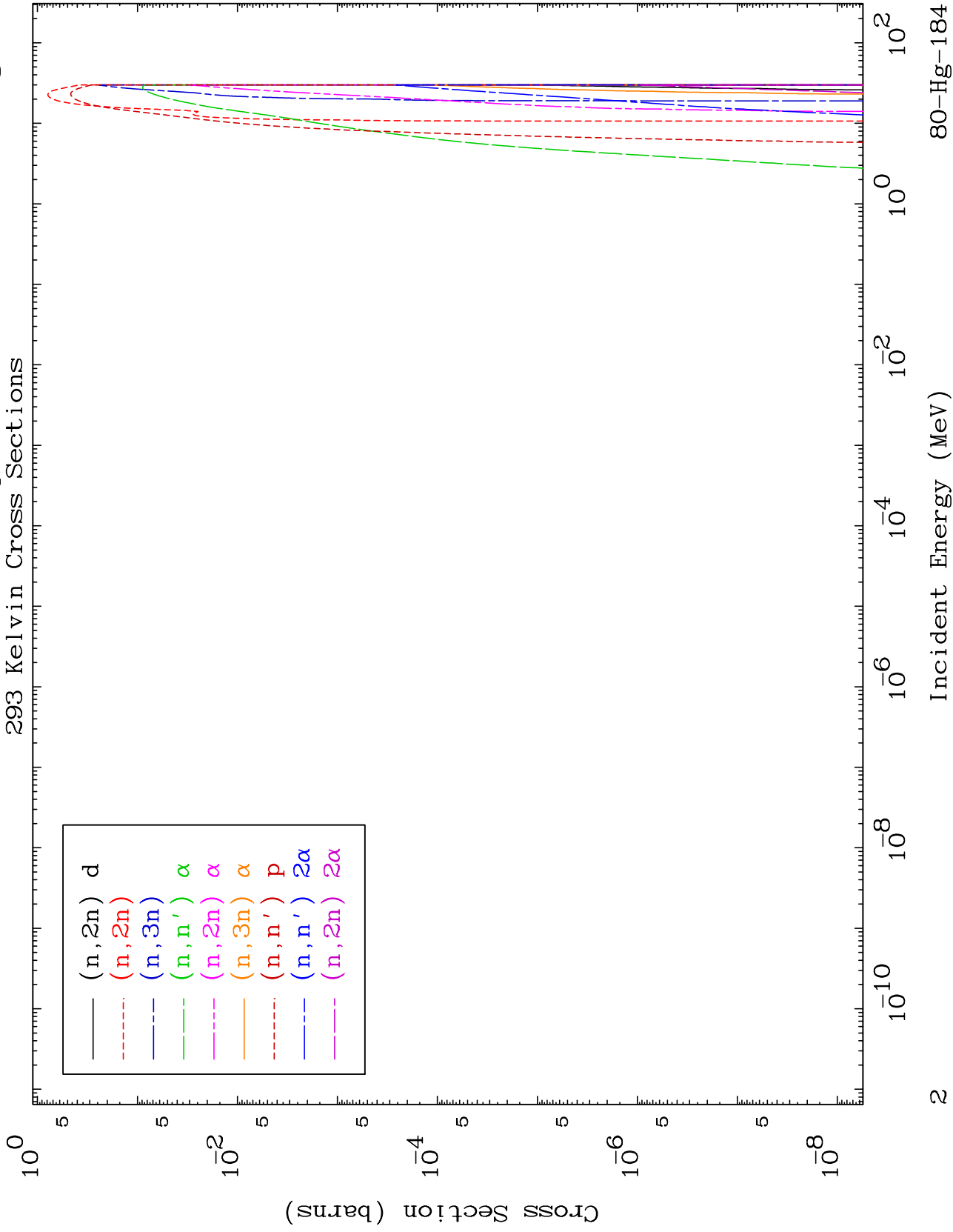
80-Hg-184

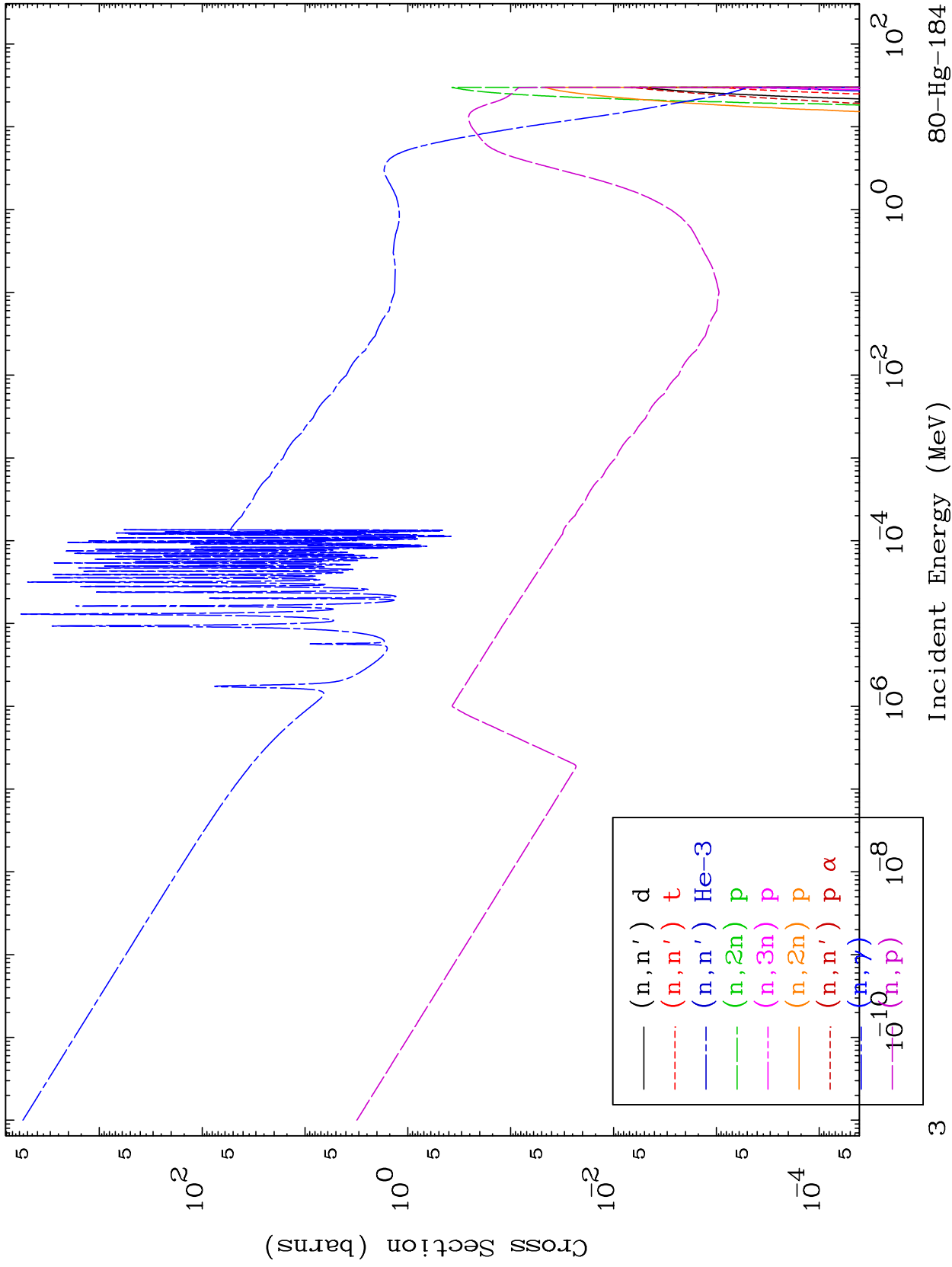


MAT 7989

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-184

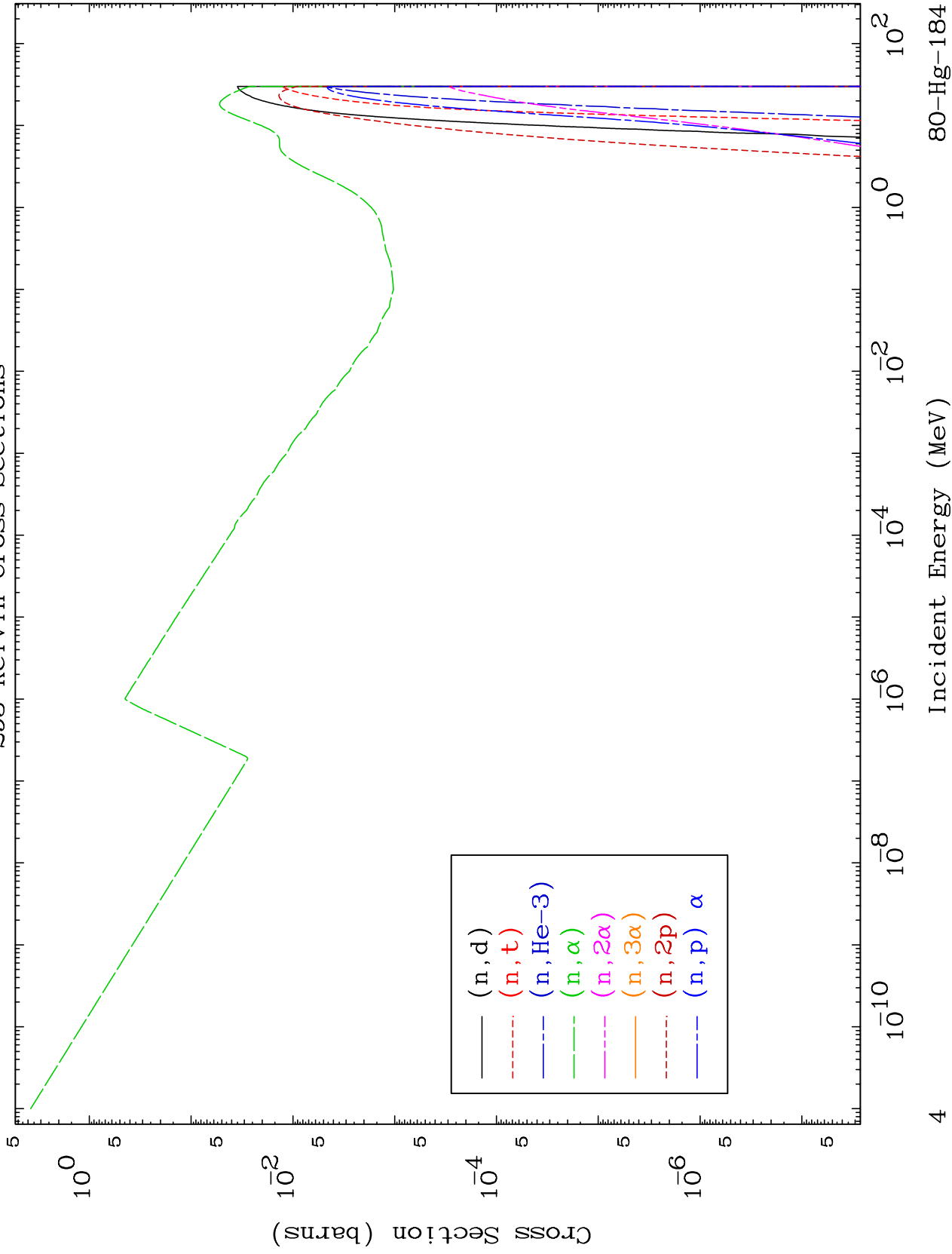


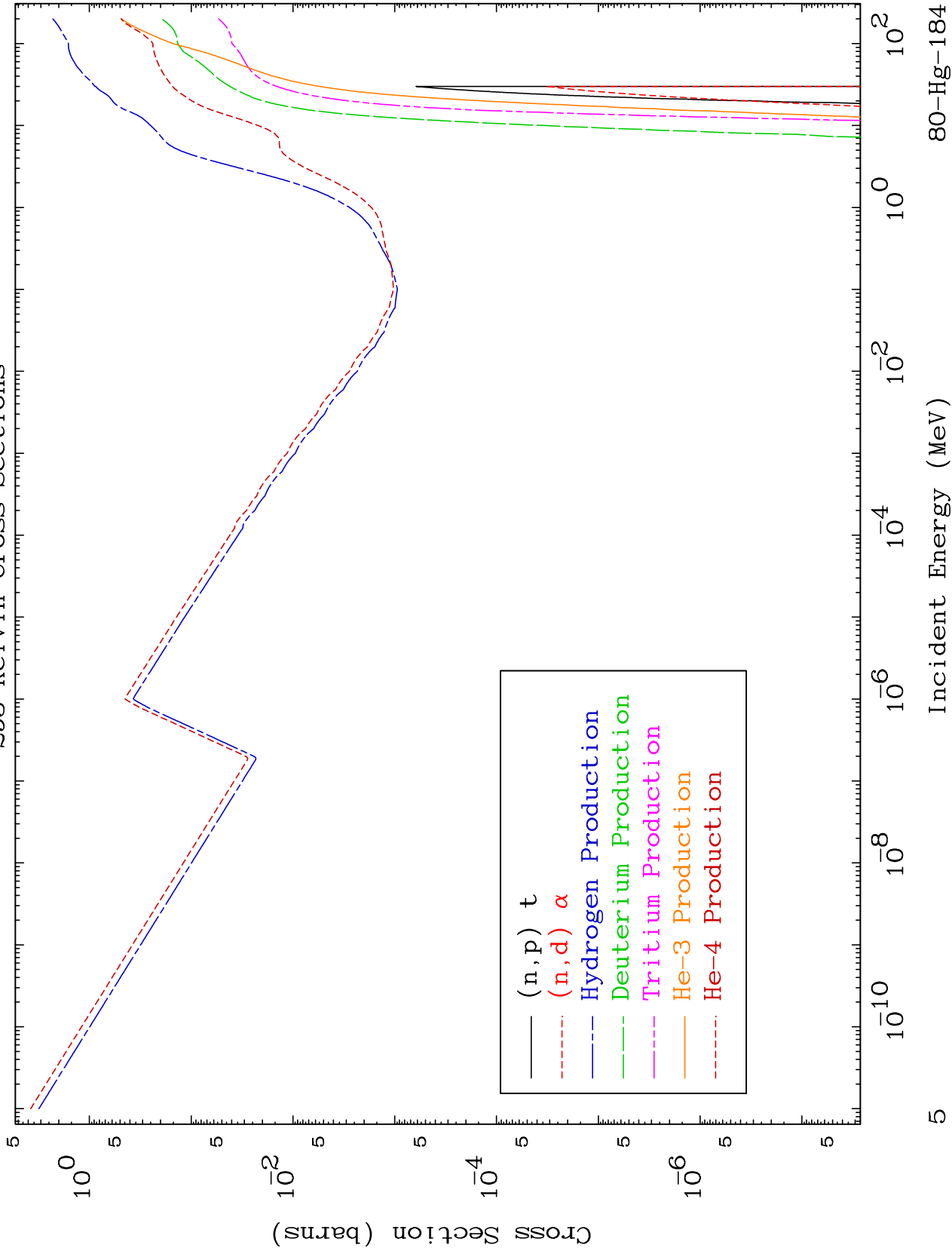


MAT 7989

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-184

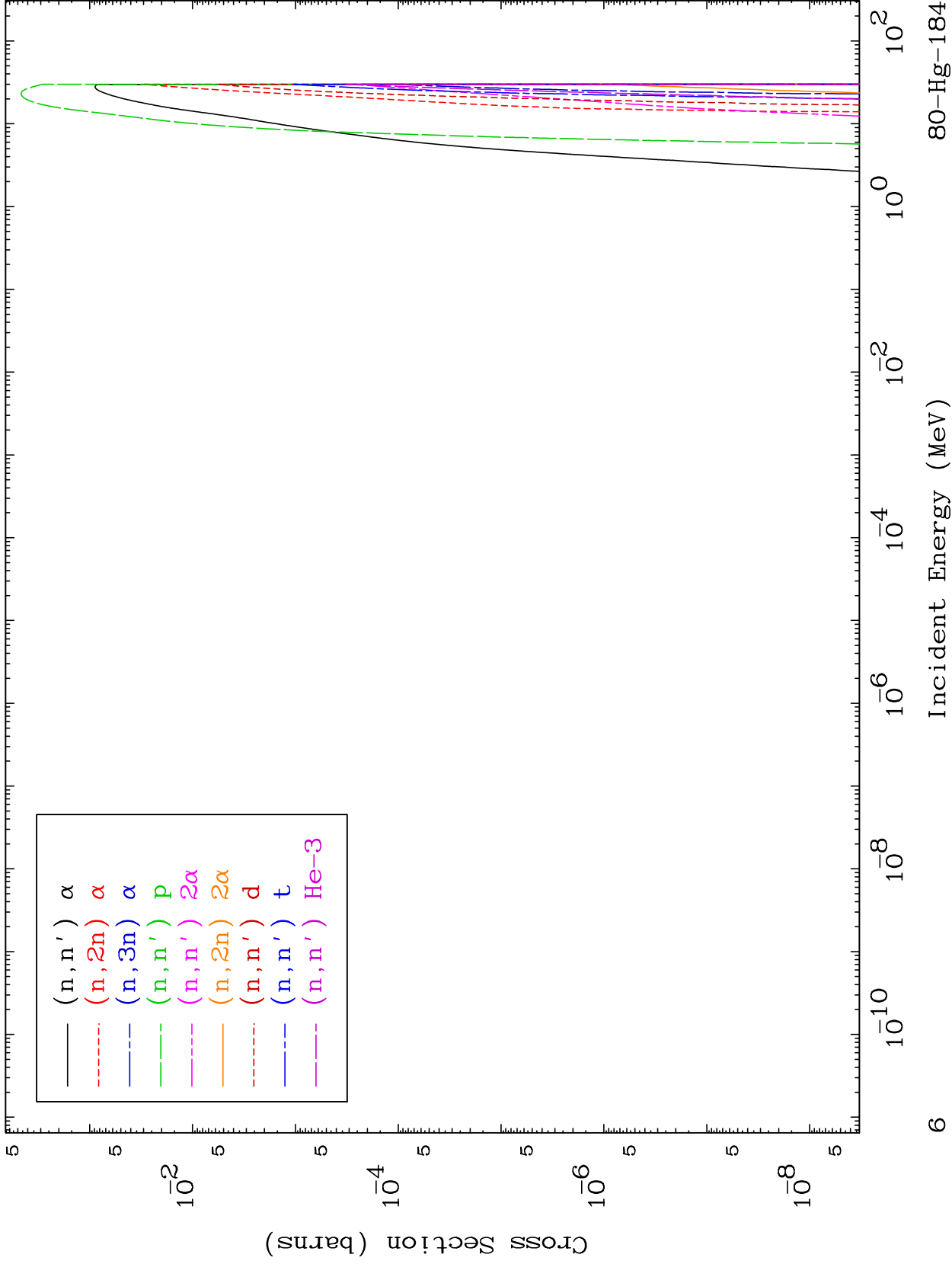




MAT 7989

Charged Particle
293 Kelvin Cross Sections

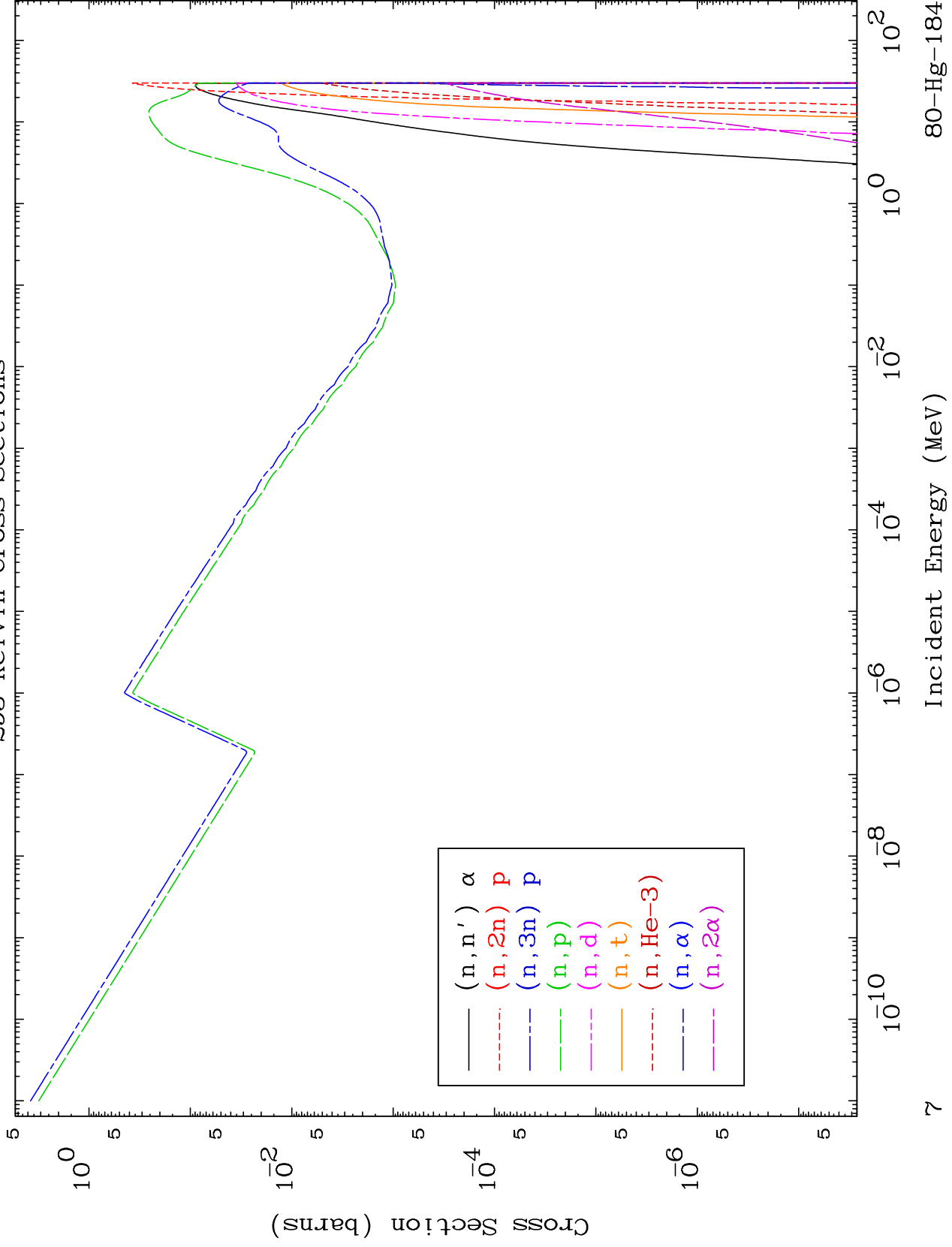
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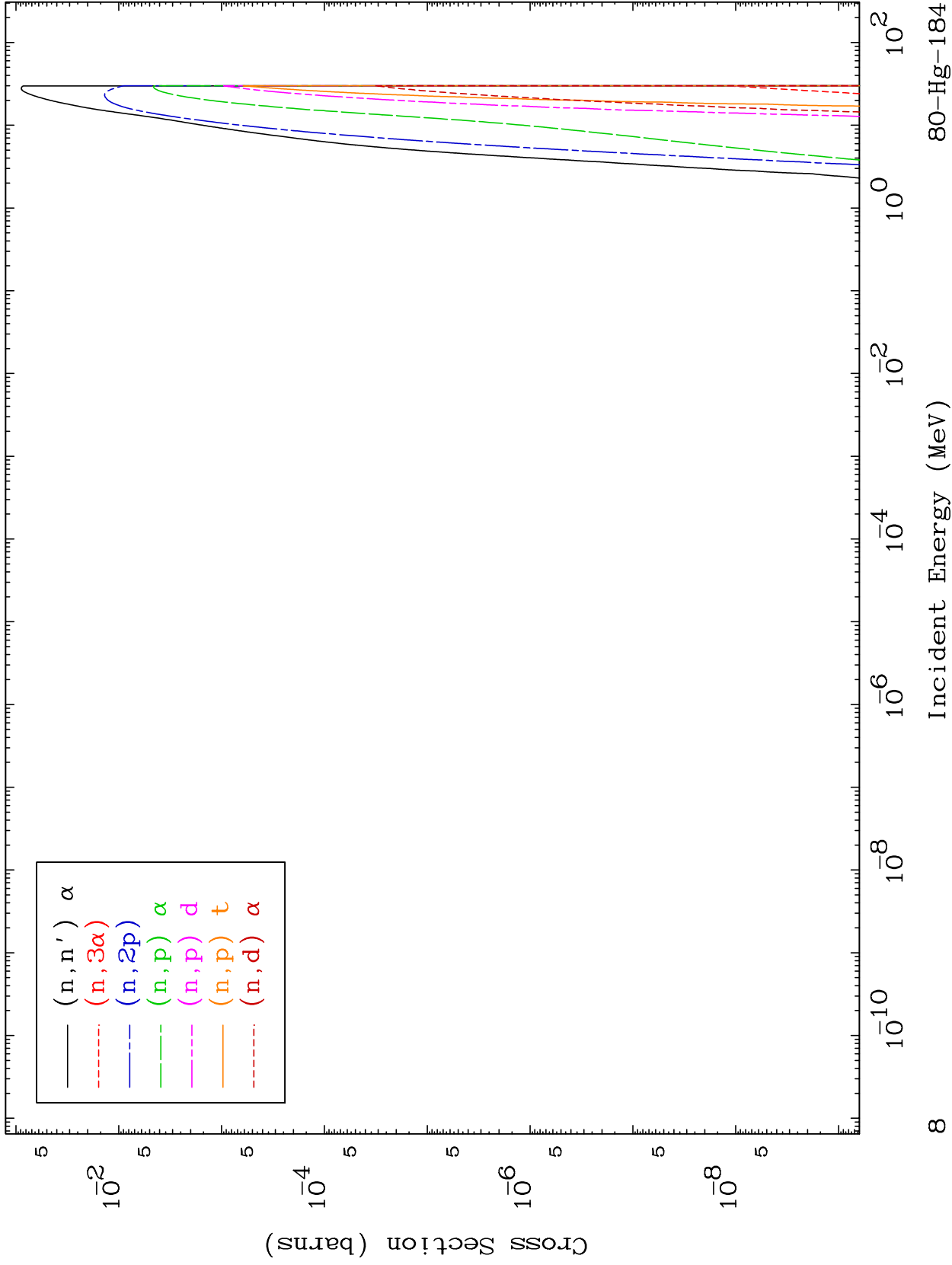


MAT 7989

Charged Particle
293 Kelvin Cross Sections

80-Hg-184

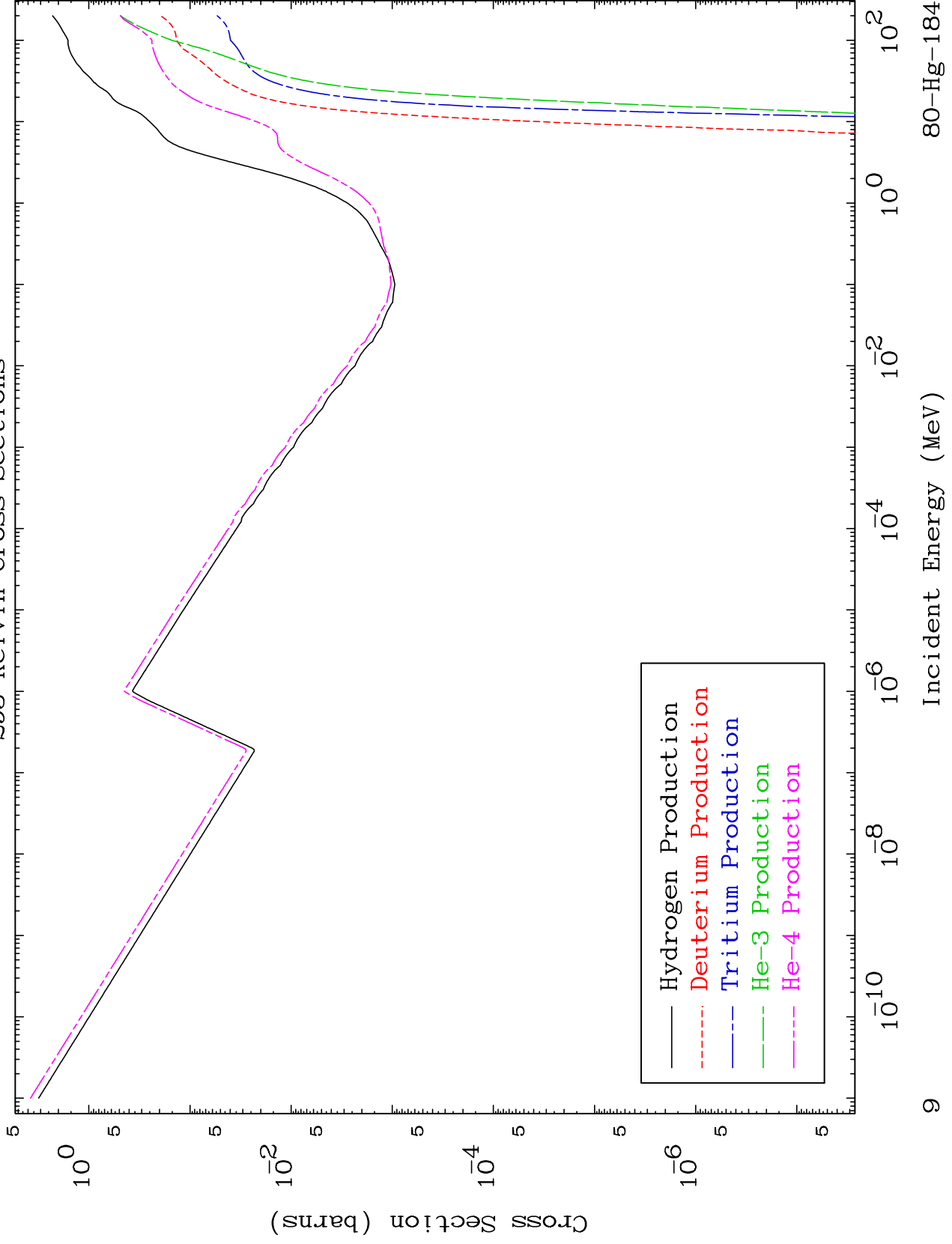


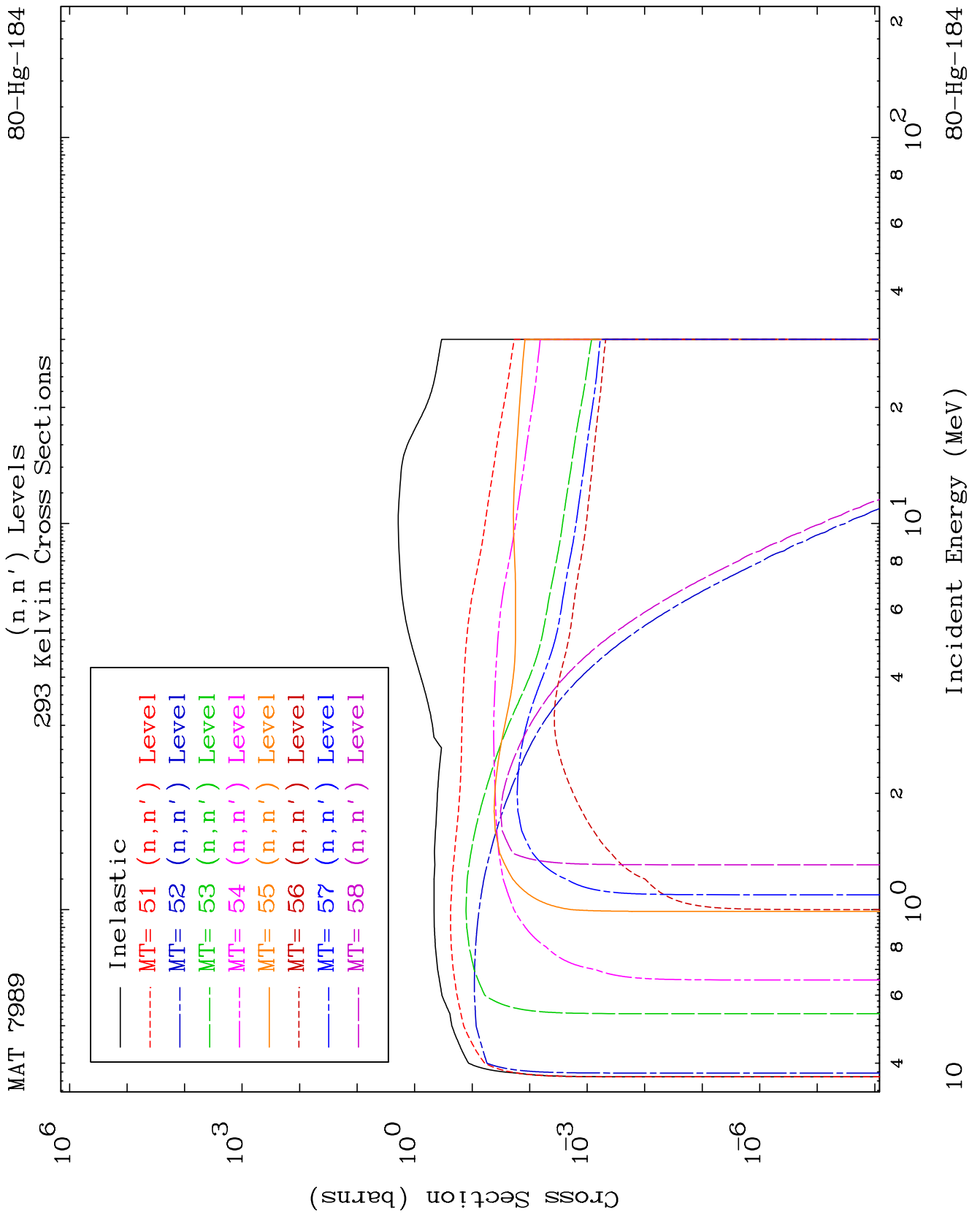


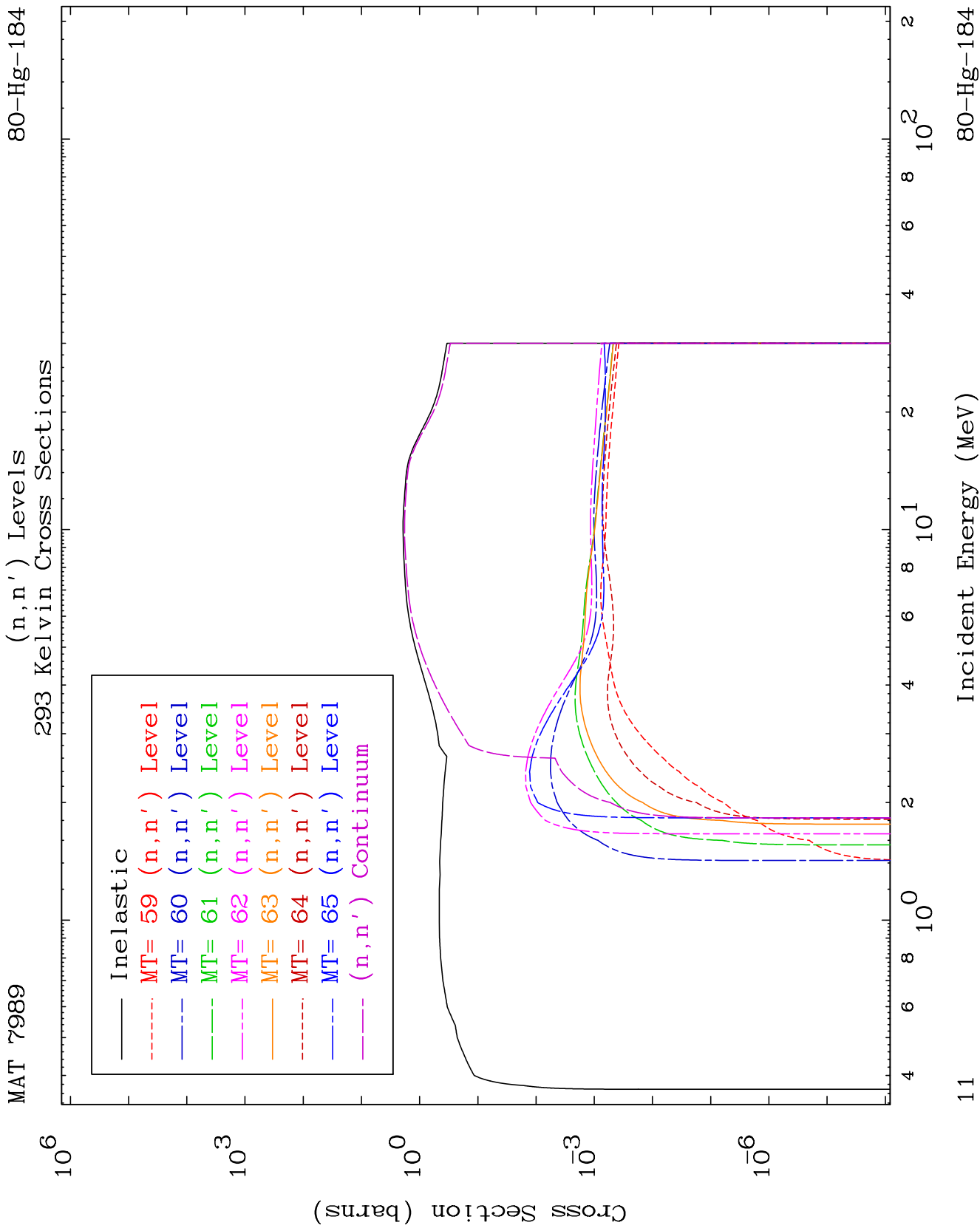
MAT 7989

Particle Production
293 Kelvin Cross Sections

80-Hg-184



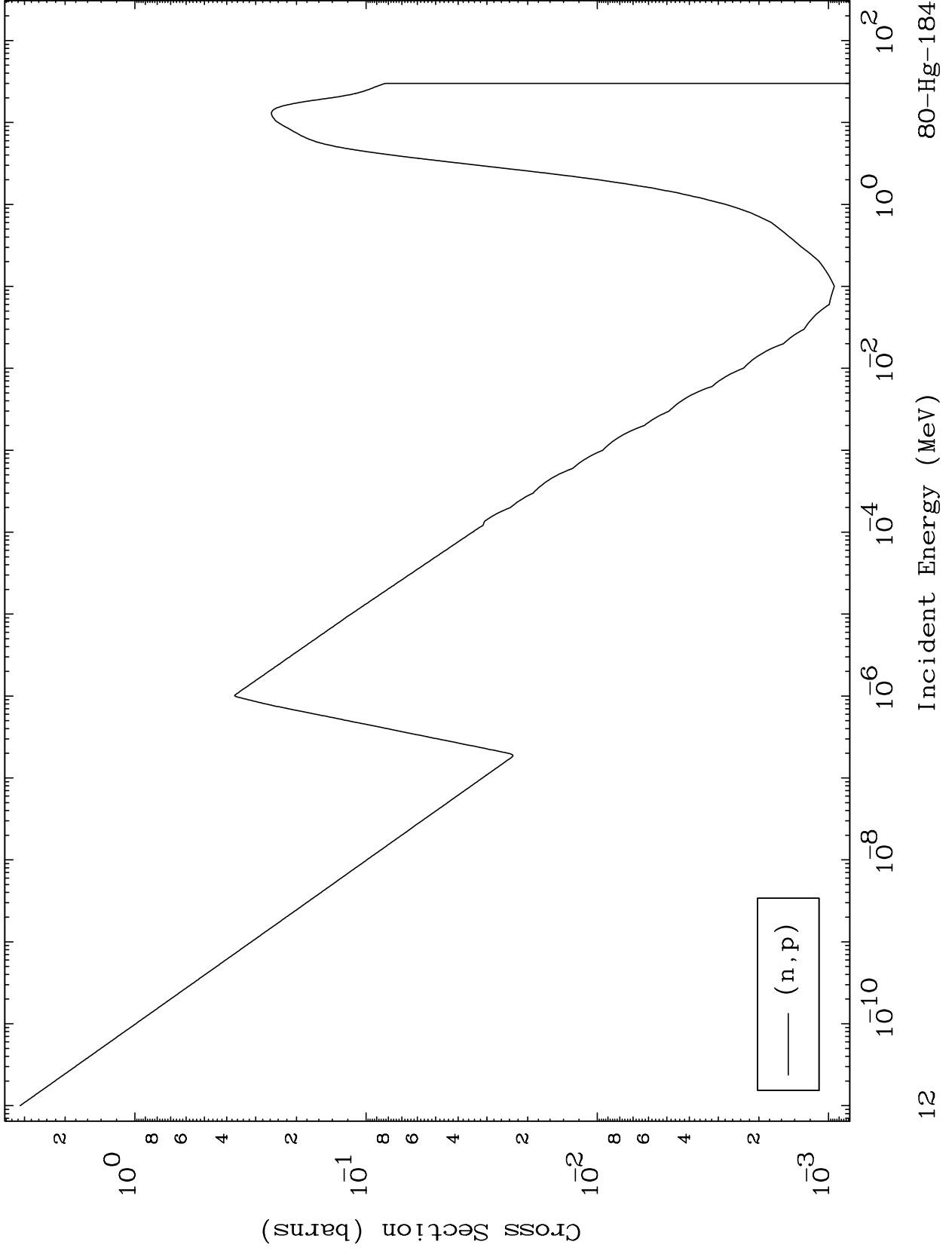




MAT 7989

(n,p) Levels
293 Kelvin Cross Sections

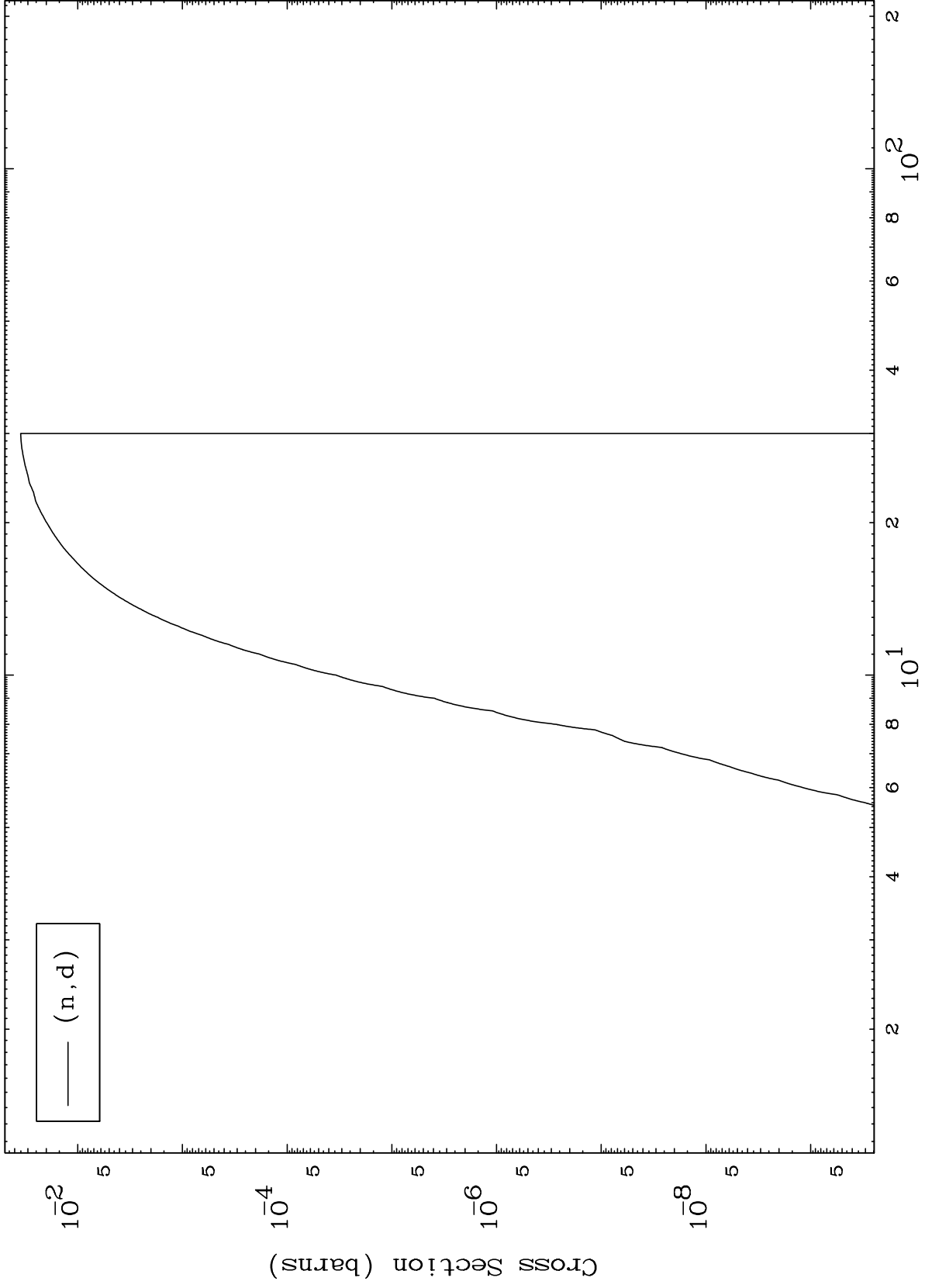
80-Hg-184



MAT 7989

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-184



13

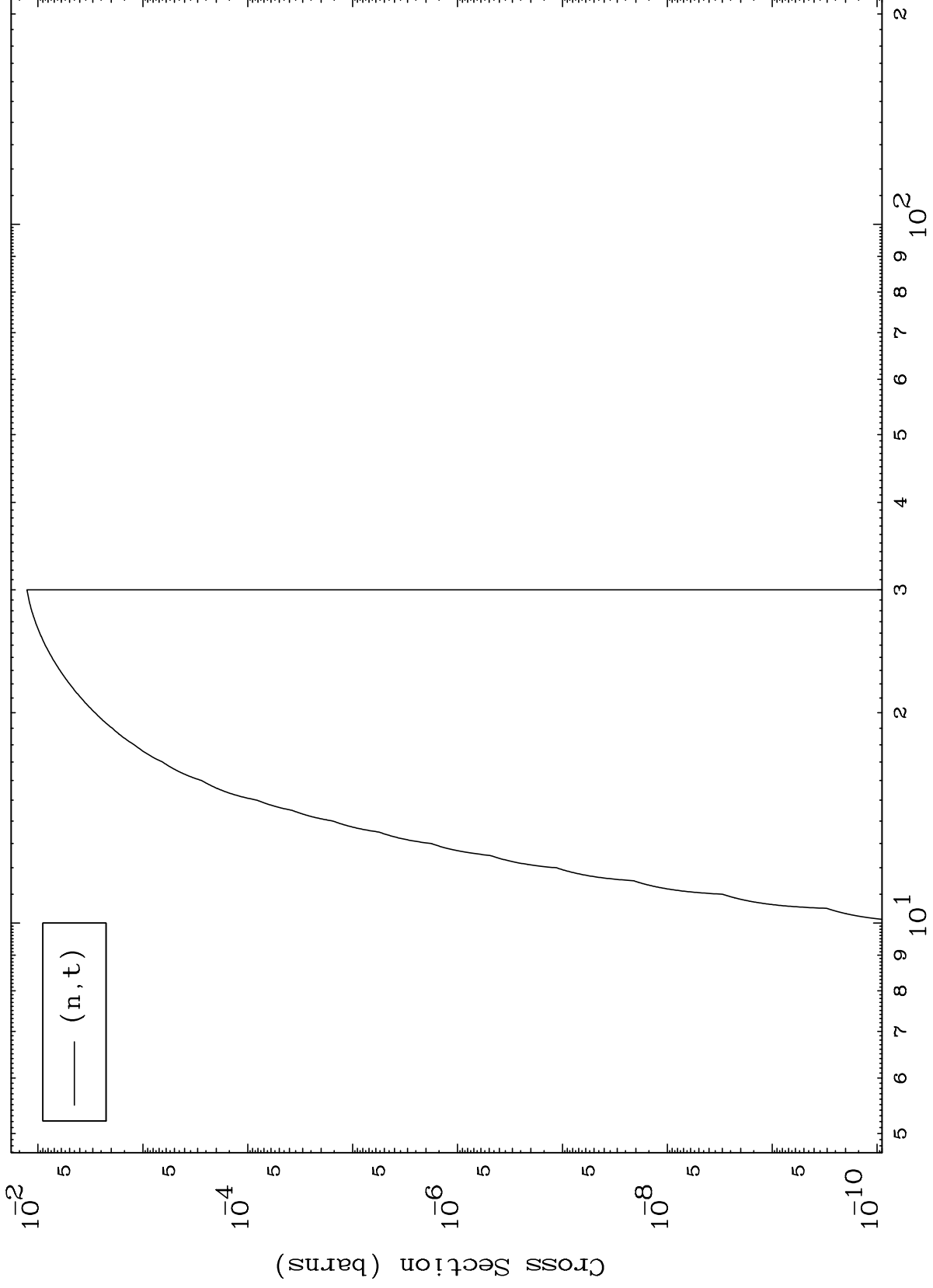
Incident Energy (MeV)

80-Hg-184

MAT 7989

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-184



14

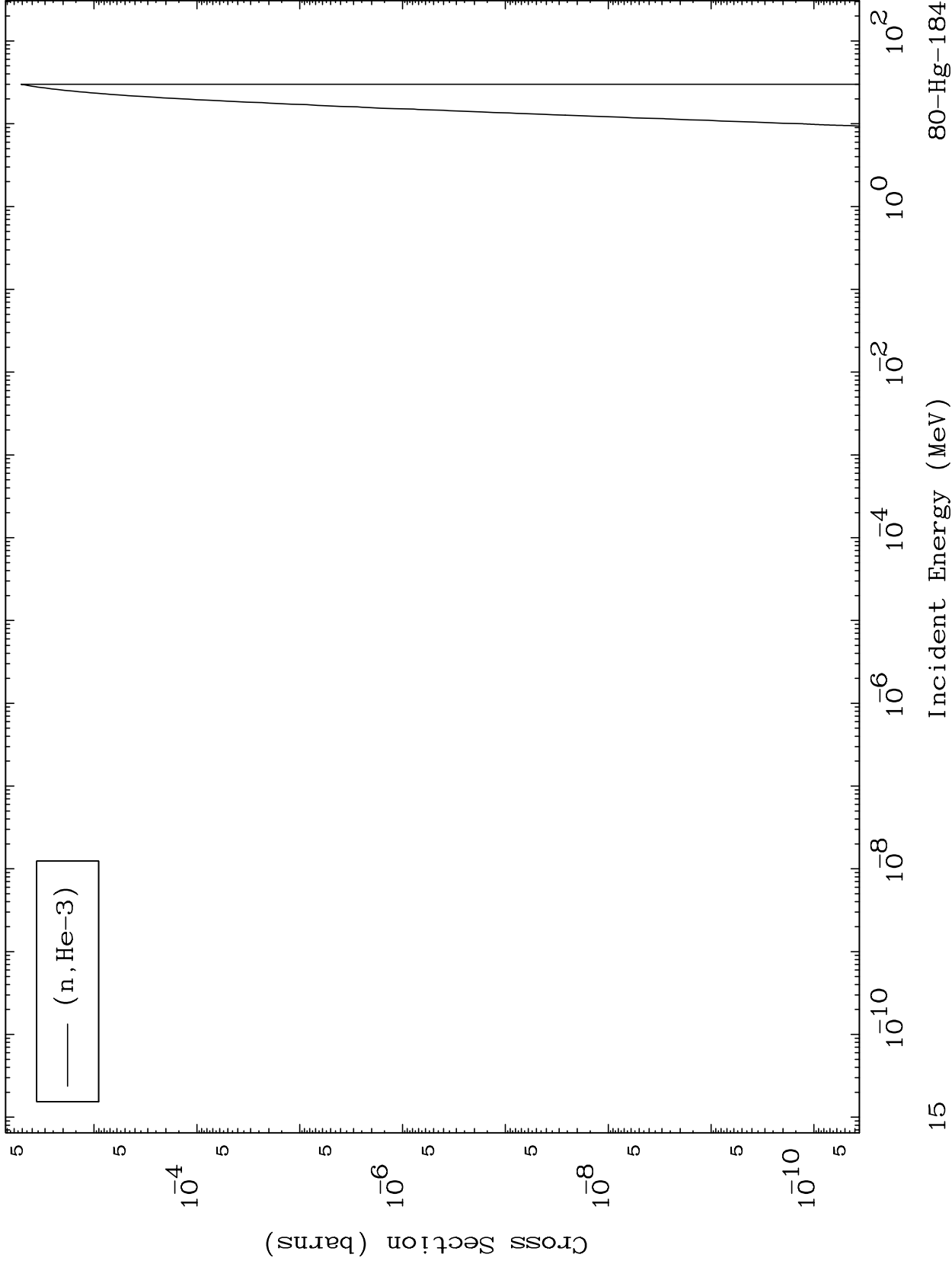
Incident Energy (MeV)

80-Hg-184

MAT 7989

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-184



15

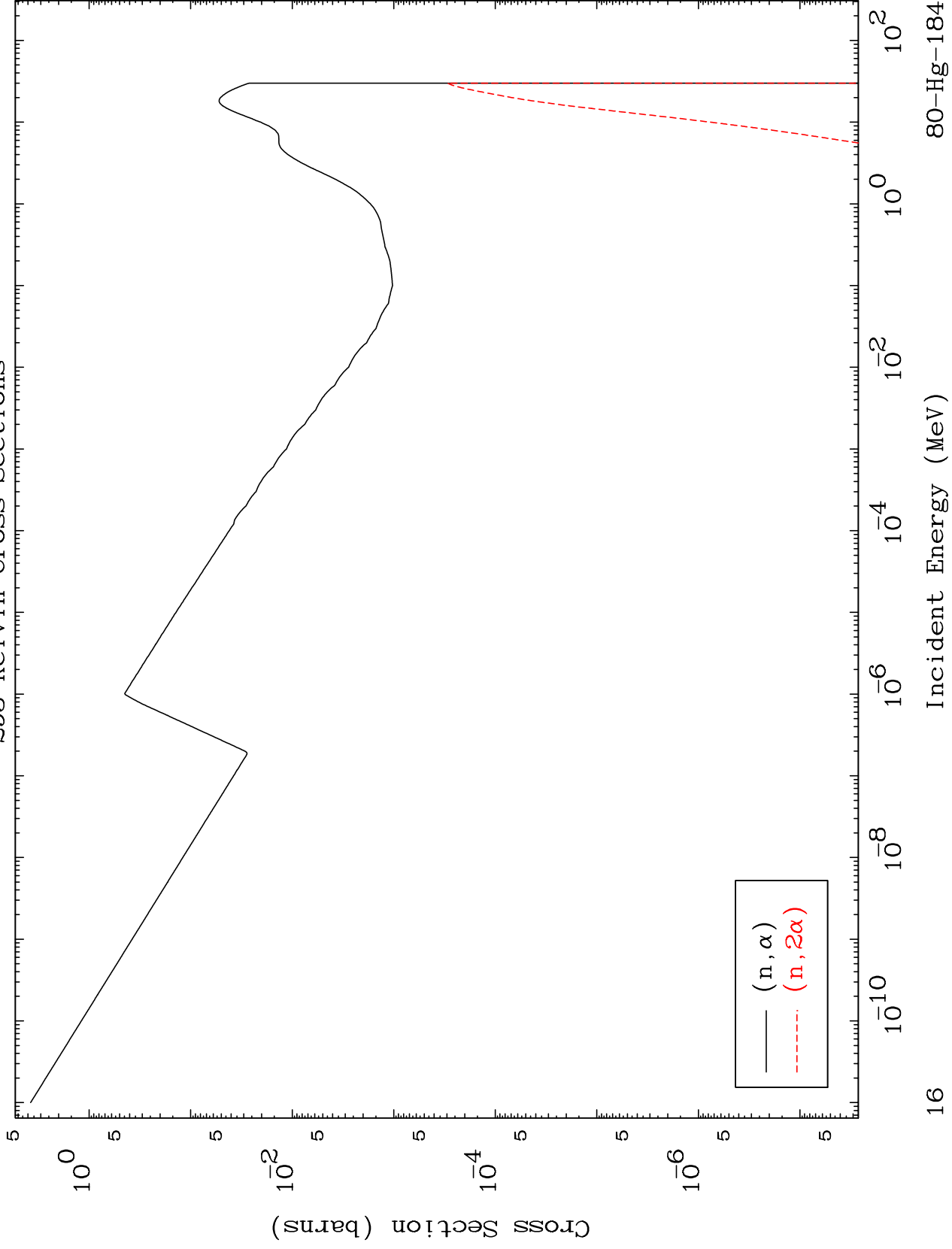
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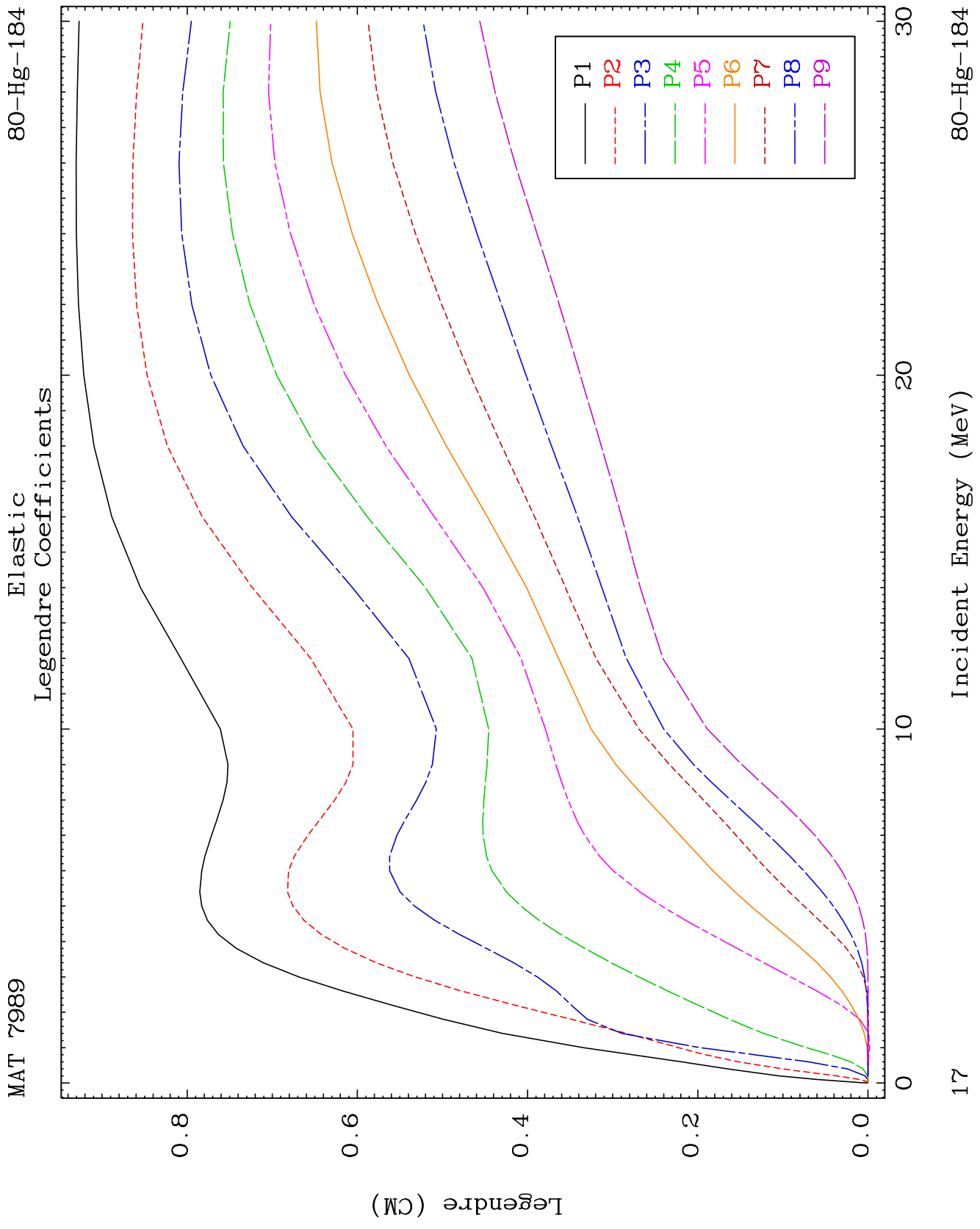
80-Hg-184

MAT 7989

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-184

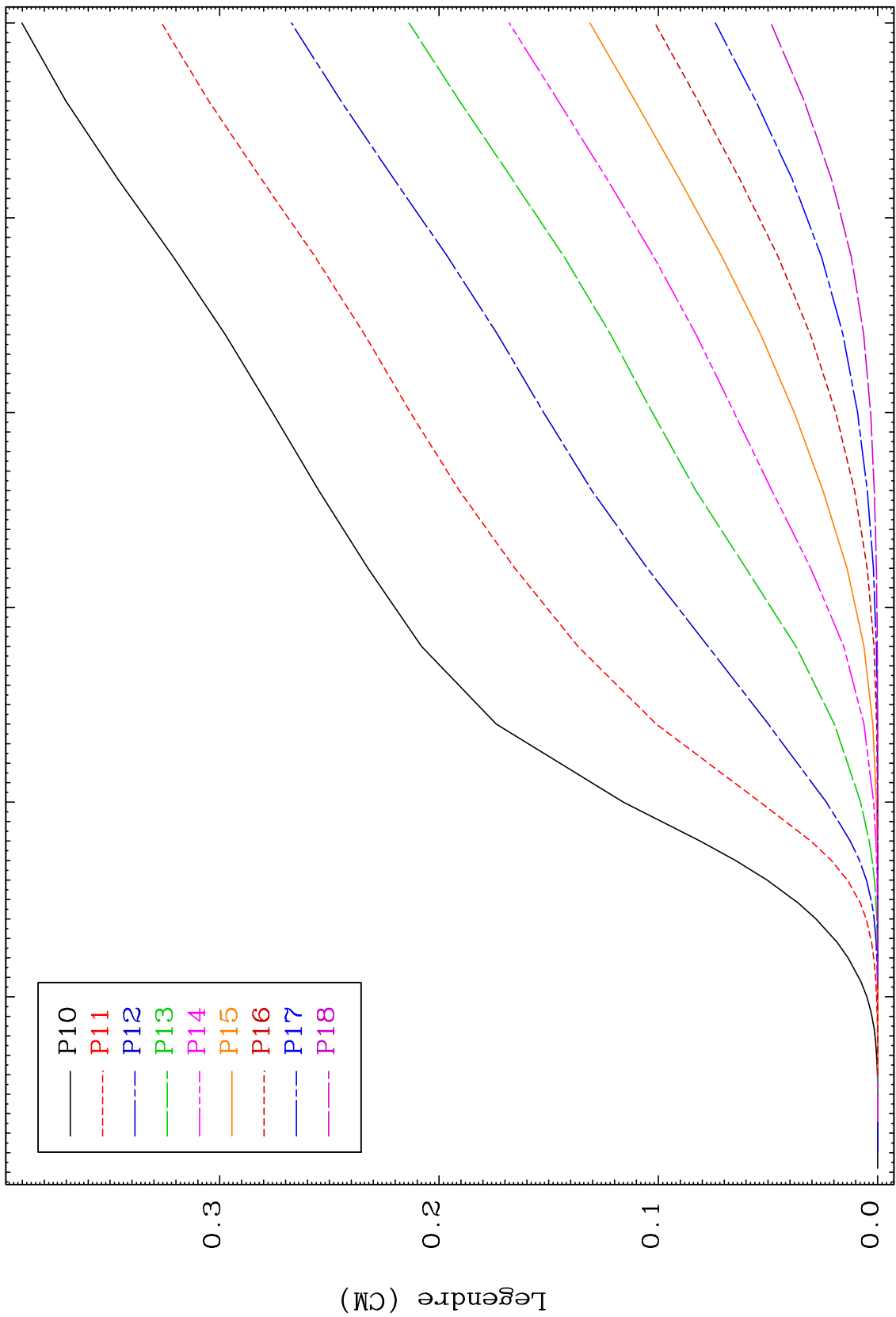




MAT 7989

Elastic Legendre Coefficients

80-Hg-184



18

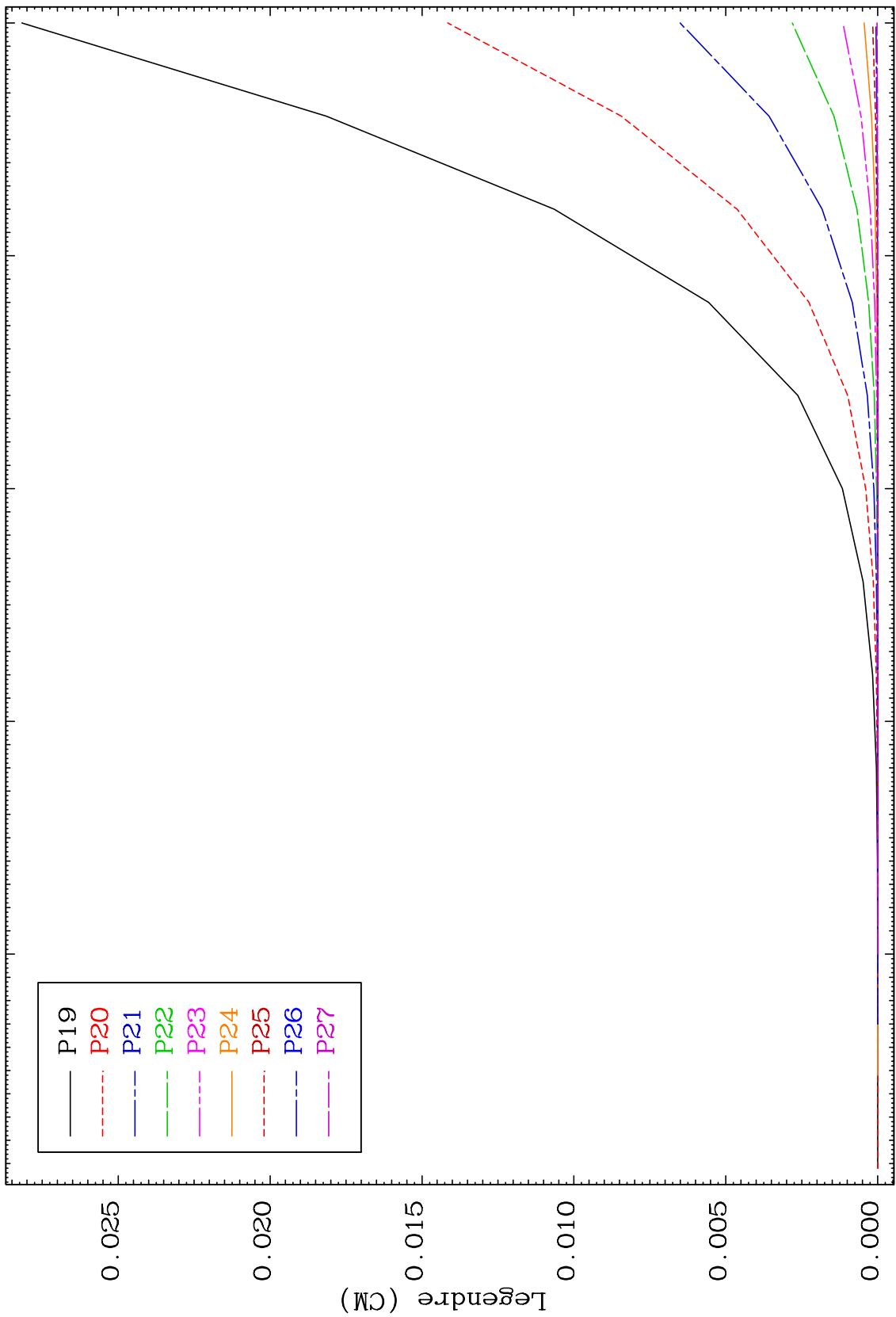
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic Legendre Coefficients

80-Hg-184



19

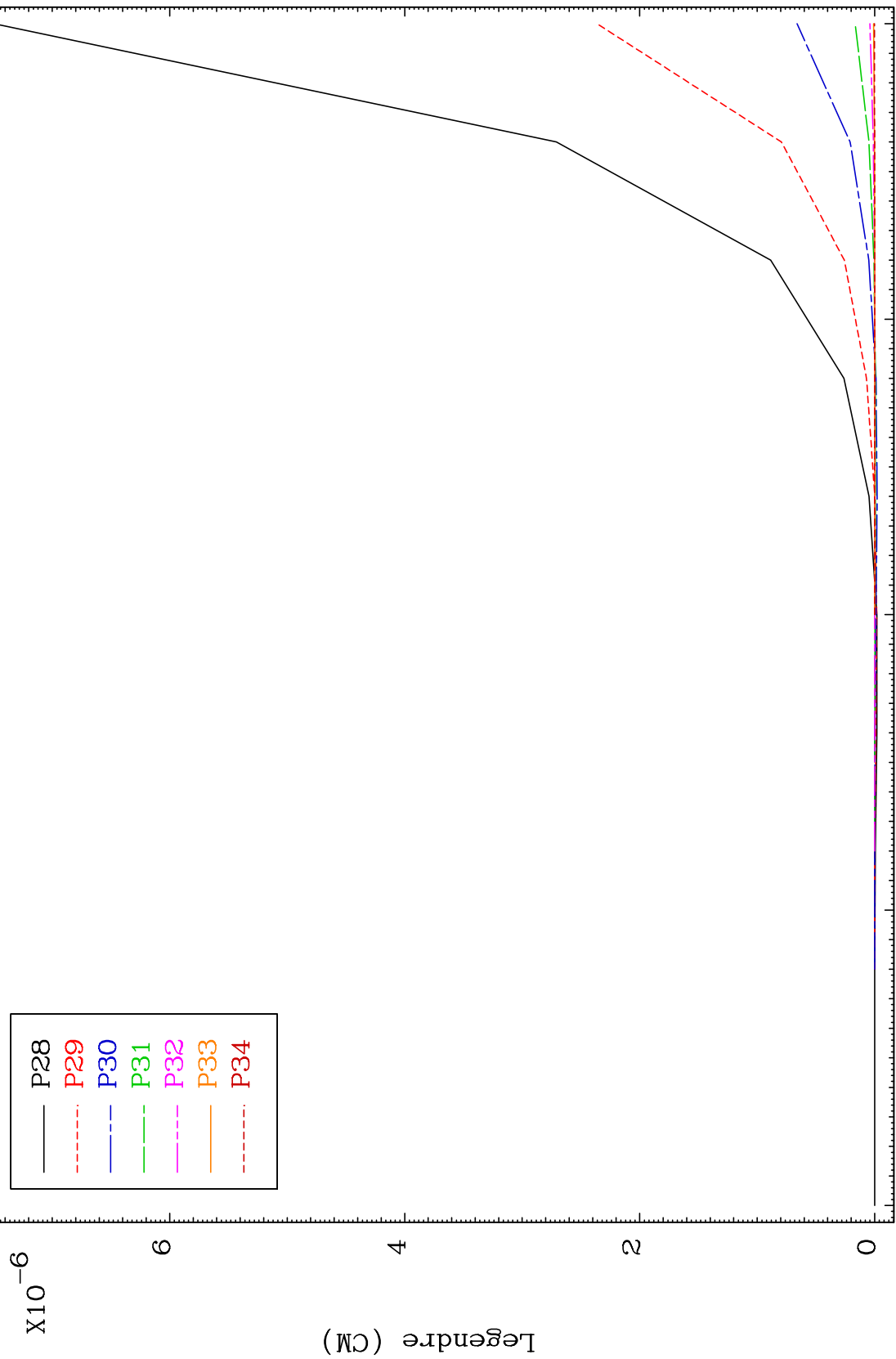
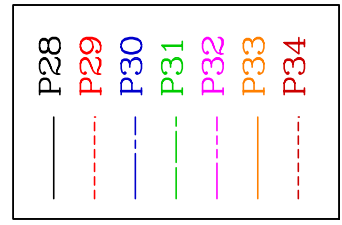
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic
Legendre Coefficients

80-Hg-184



80-Hg-184

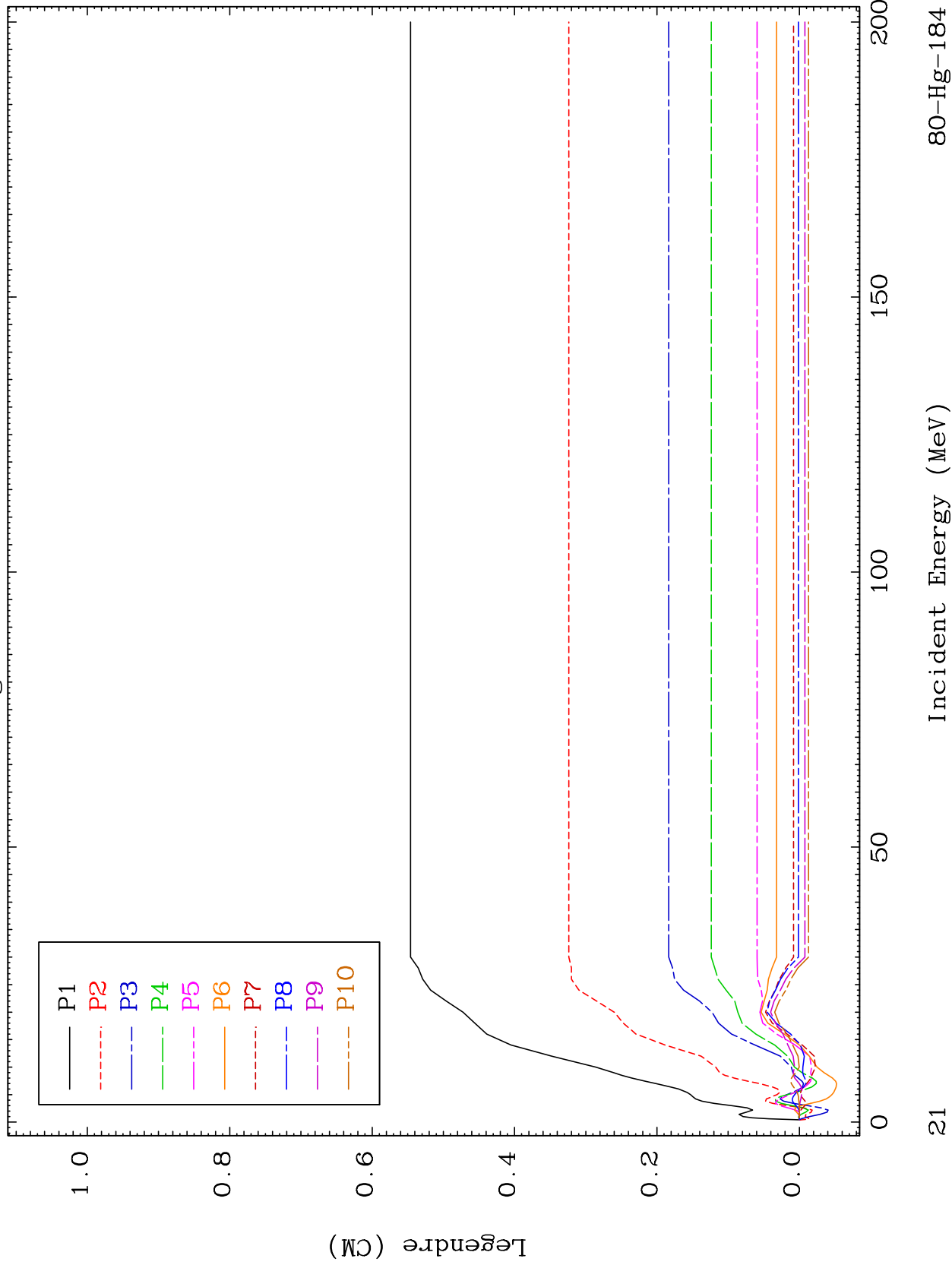
Incident Energy (MeV)

20

MAT 7989

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

80-Hg-184

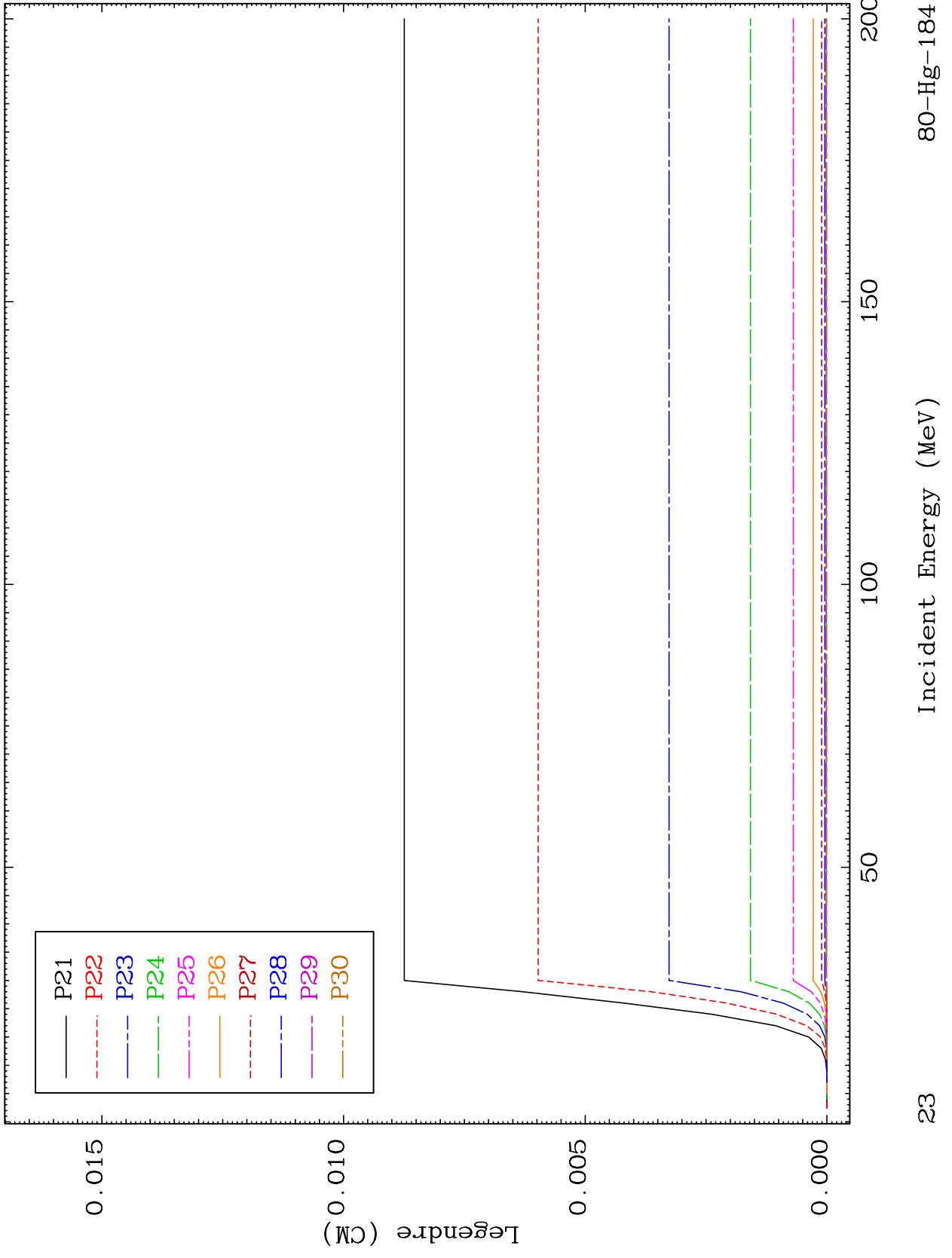


21

MAT 7989

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

80-Hg-184



23

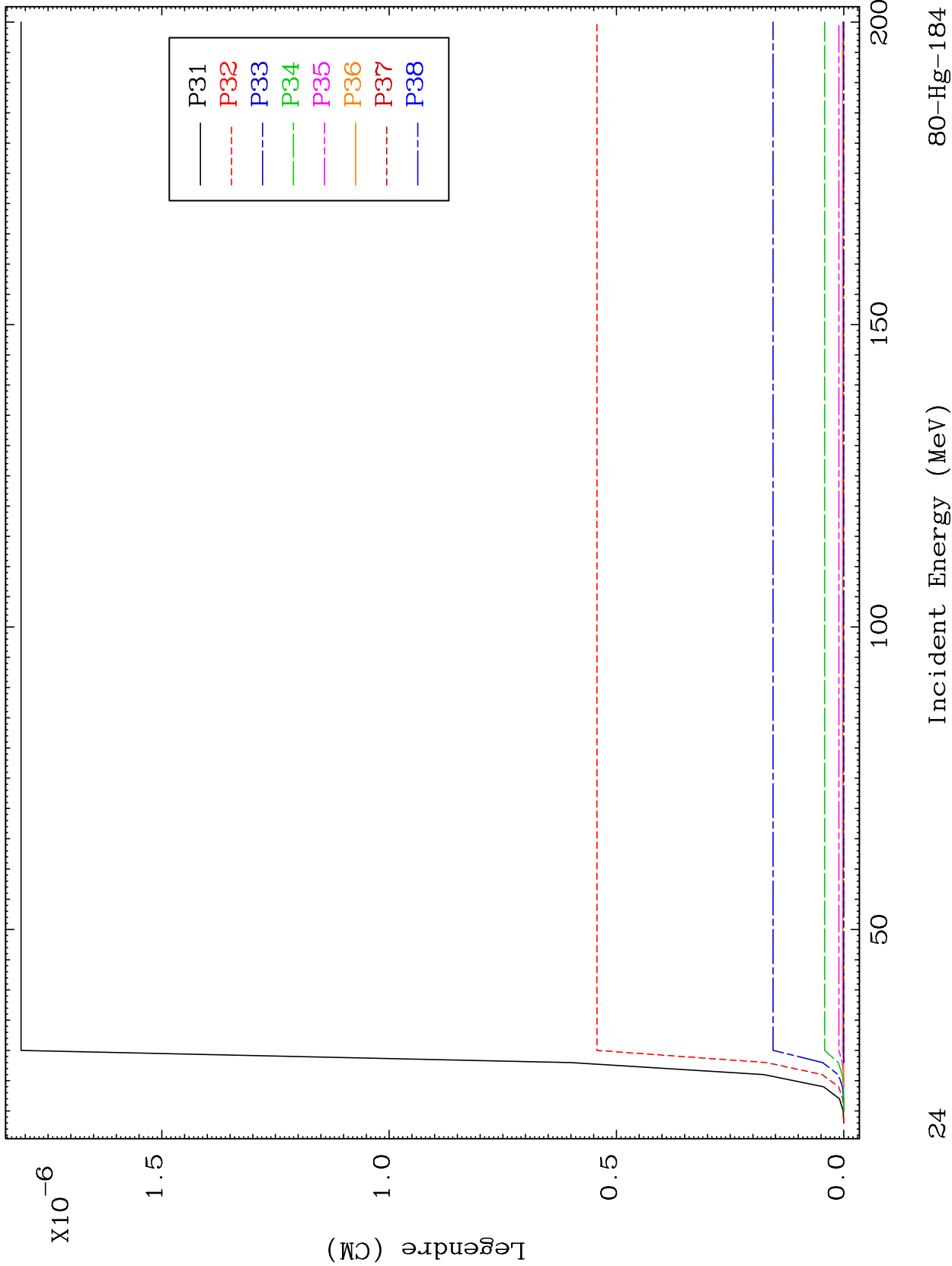
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

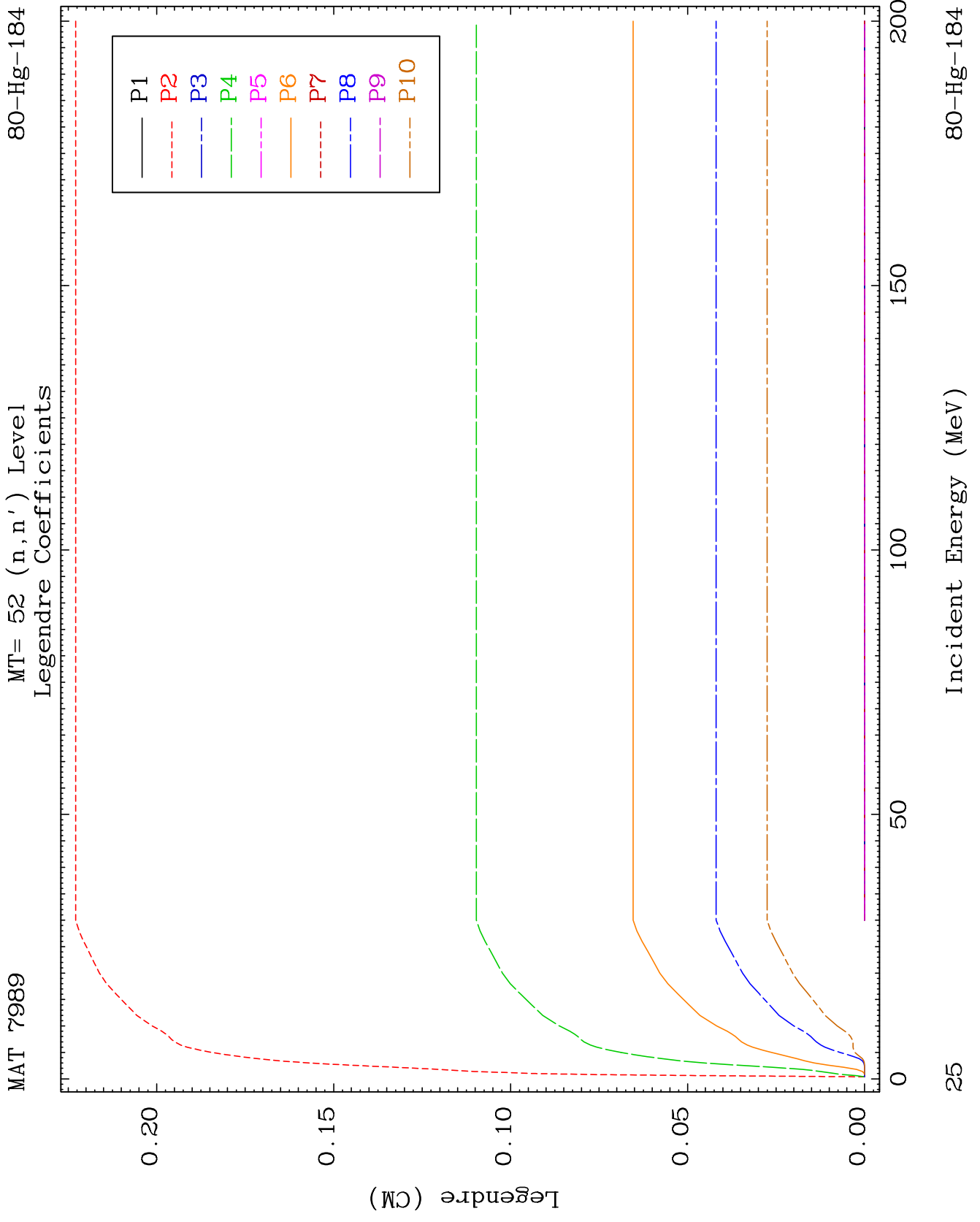
80-Hg-184



24

Incident Energy (MeV)

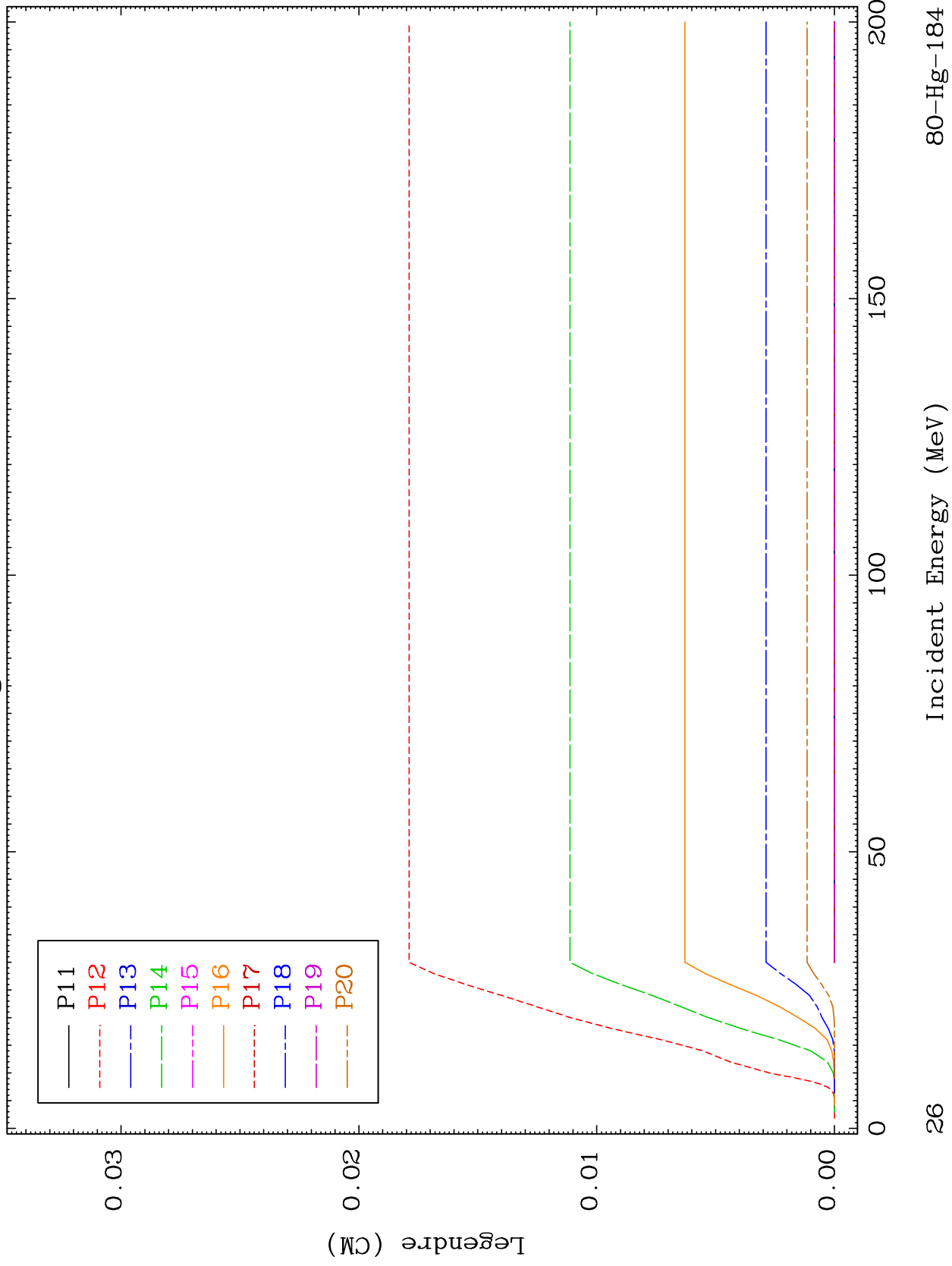
80-Hg-184



MAT 7989

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

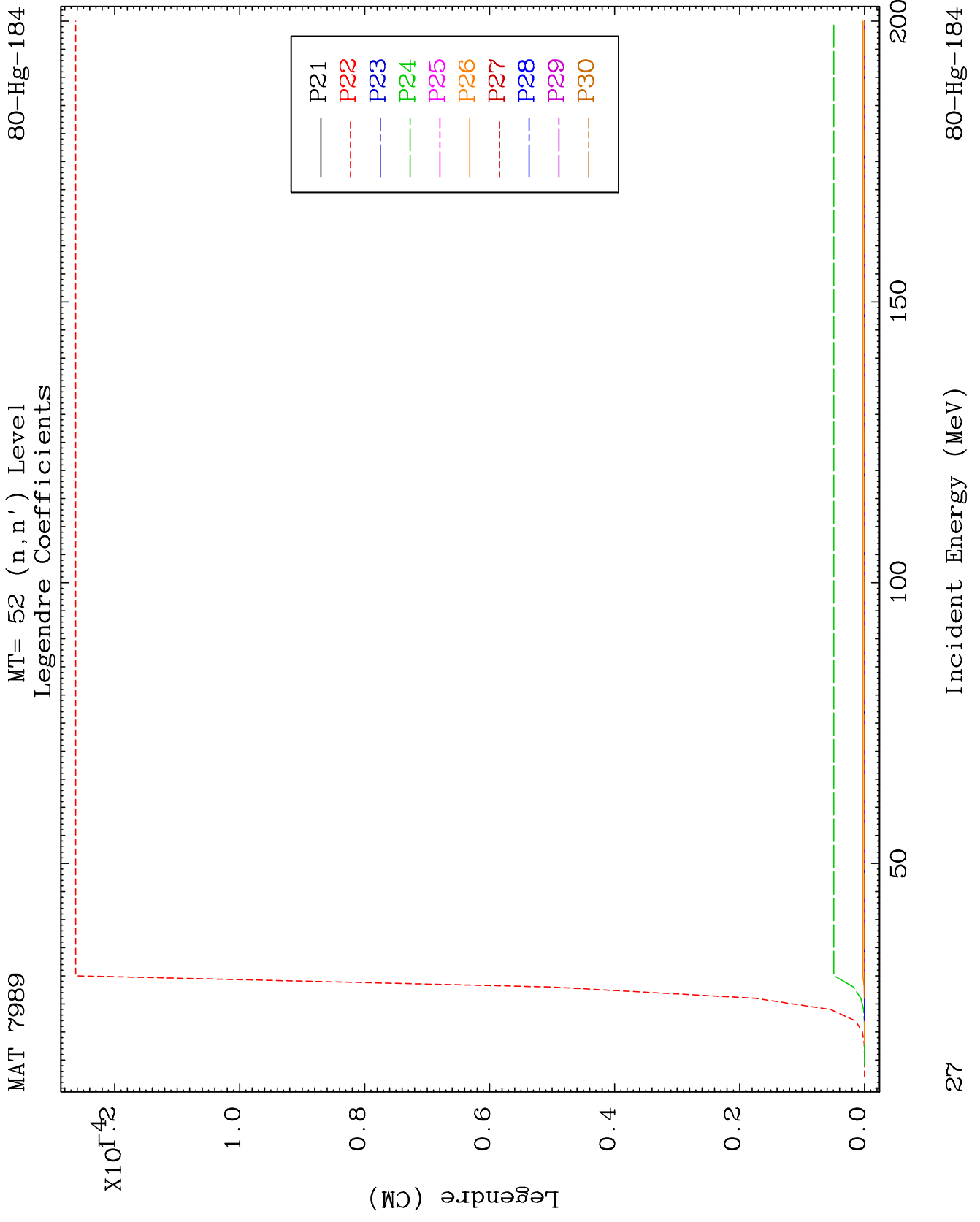
80-Hg-184



26

Incident Energy (MeV)

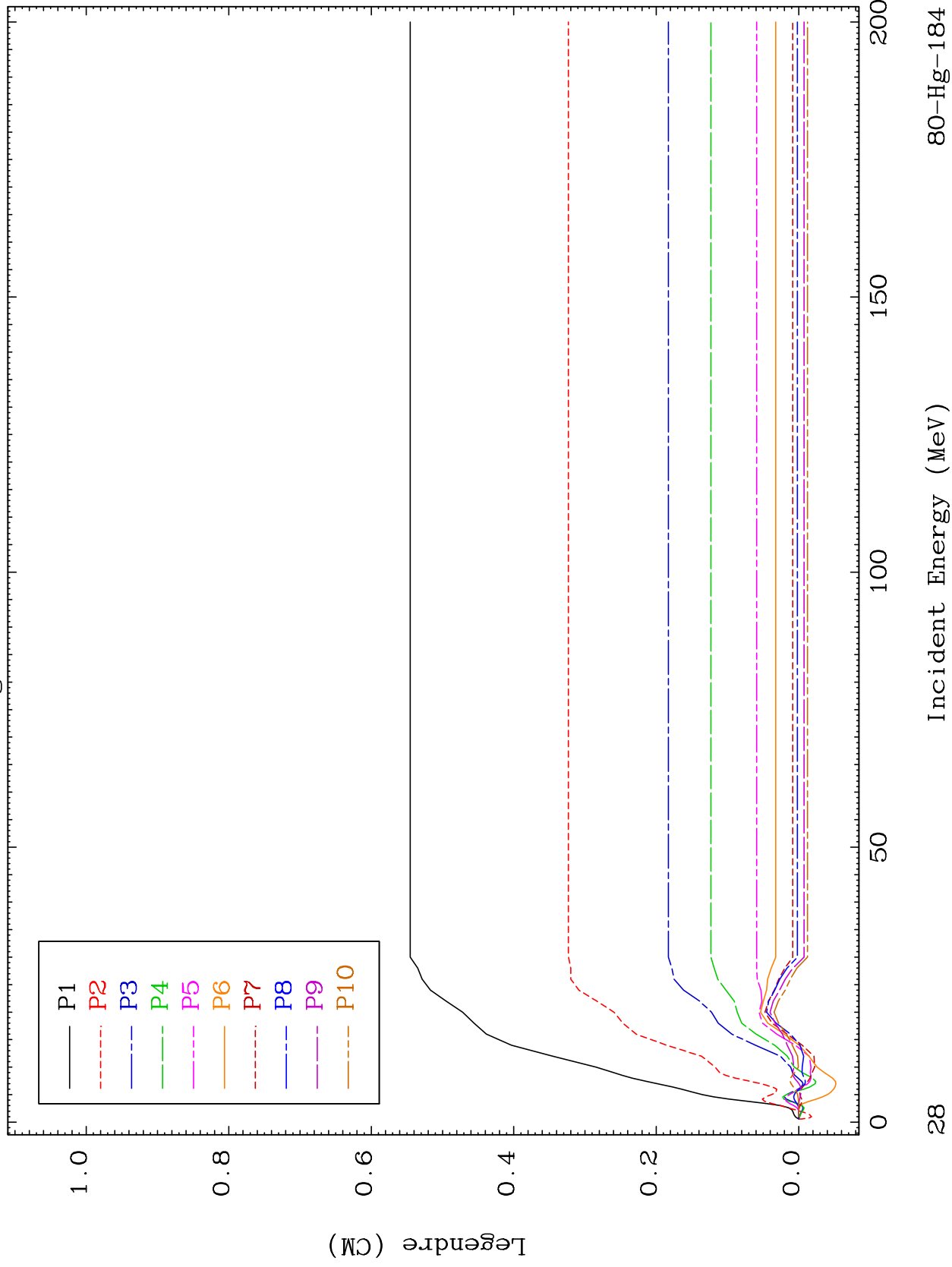
80-Hg-184



MAT 7989

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

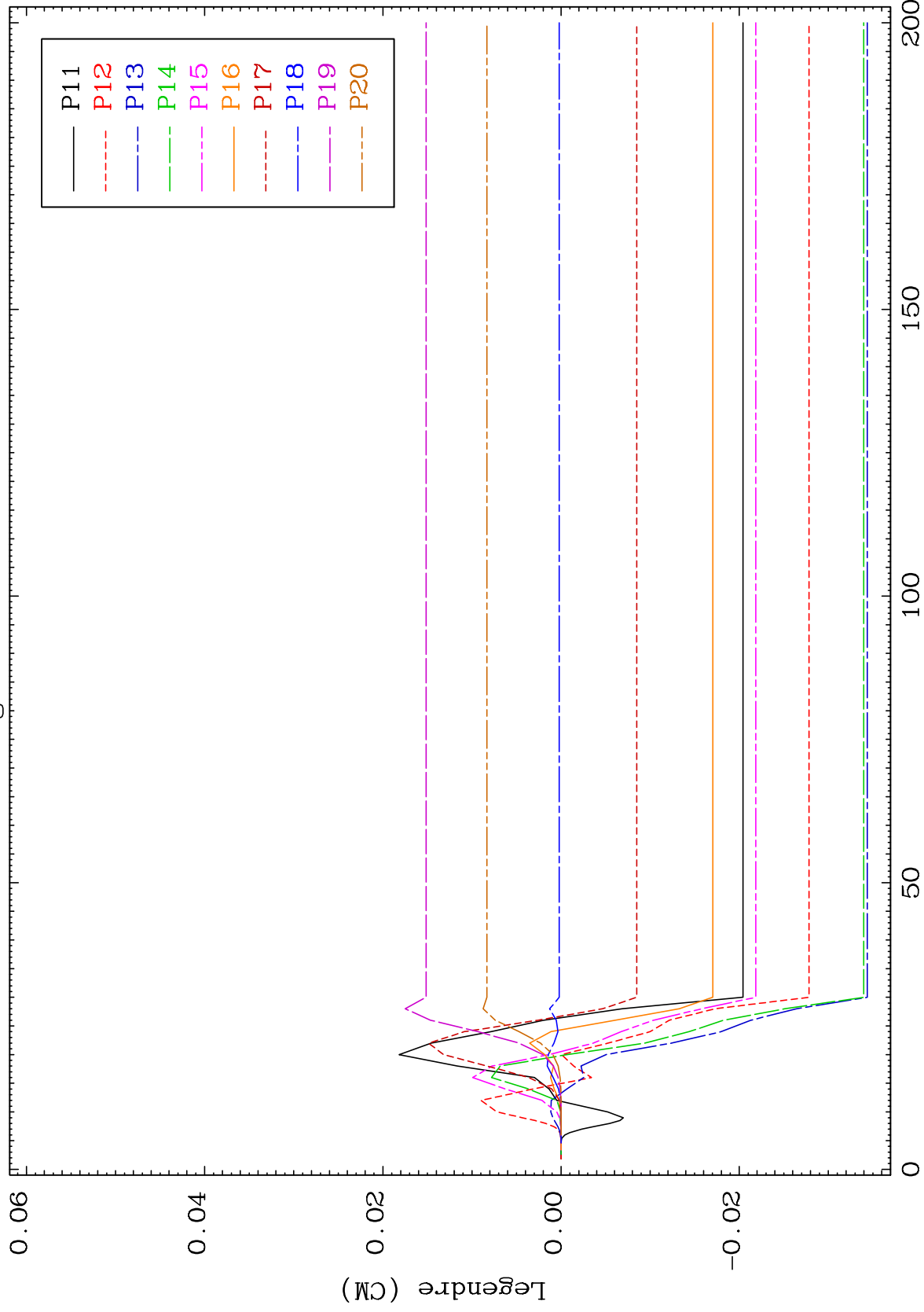
80-Hg-184



MAT 7989

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

80-Hg-184



29

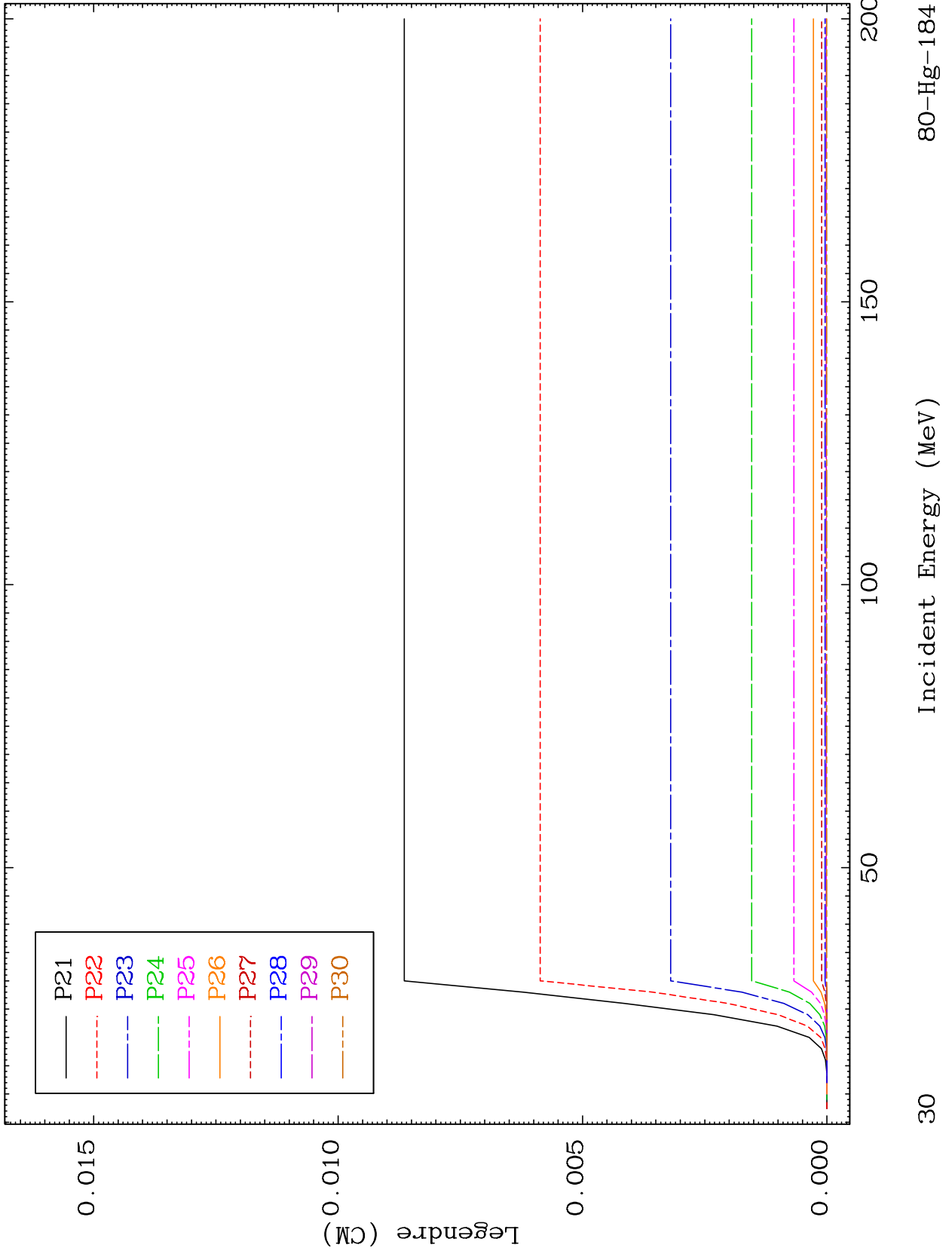
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



30

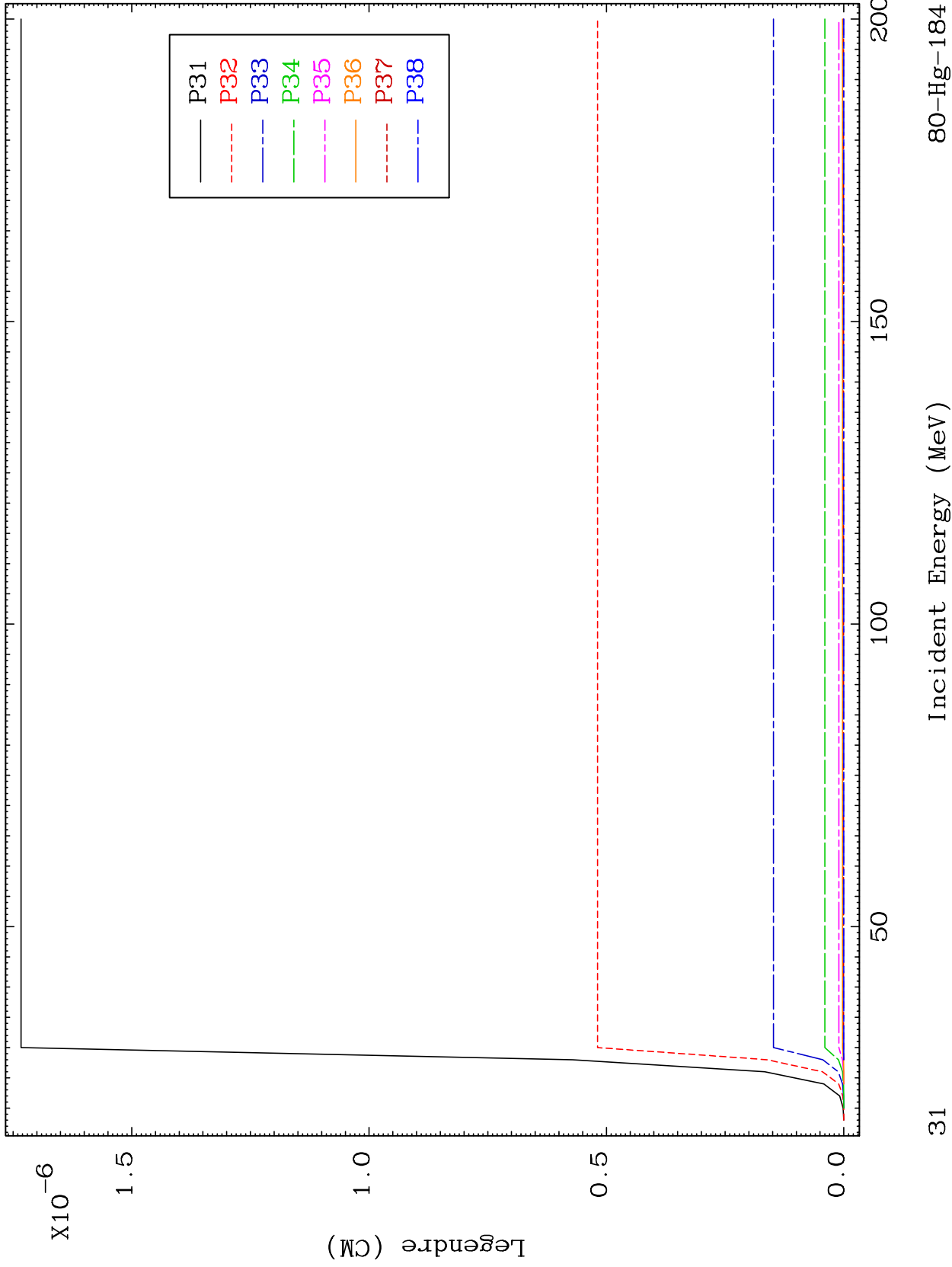
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

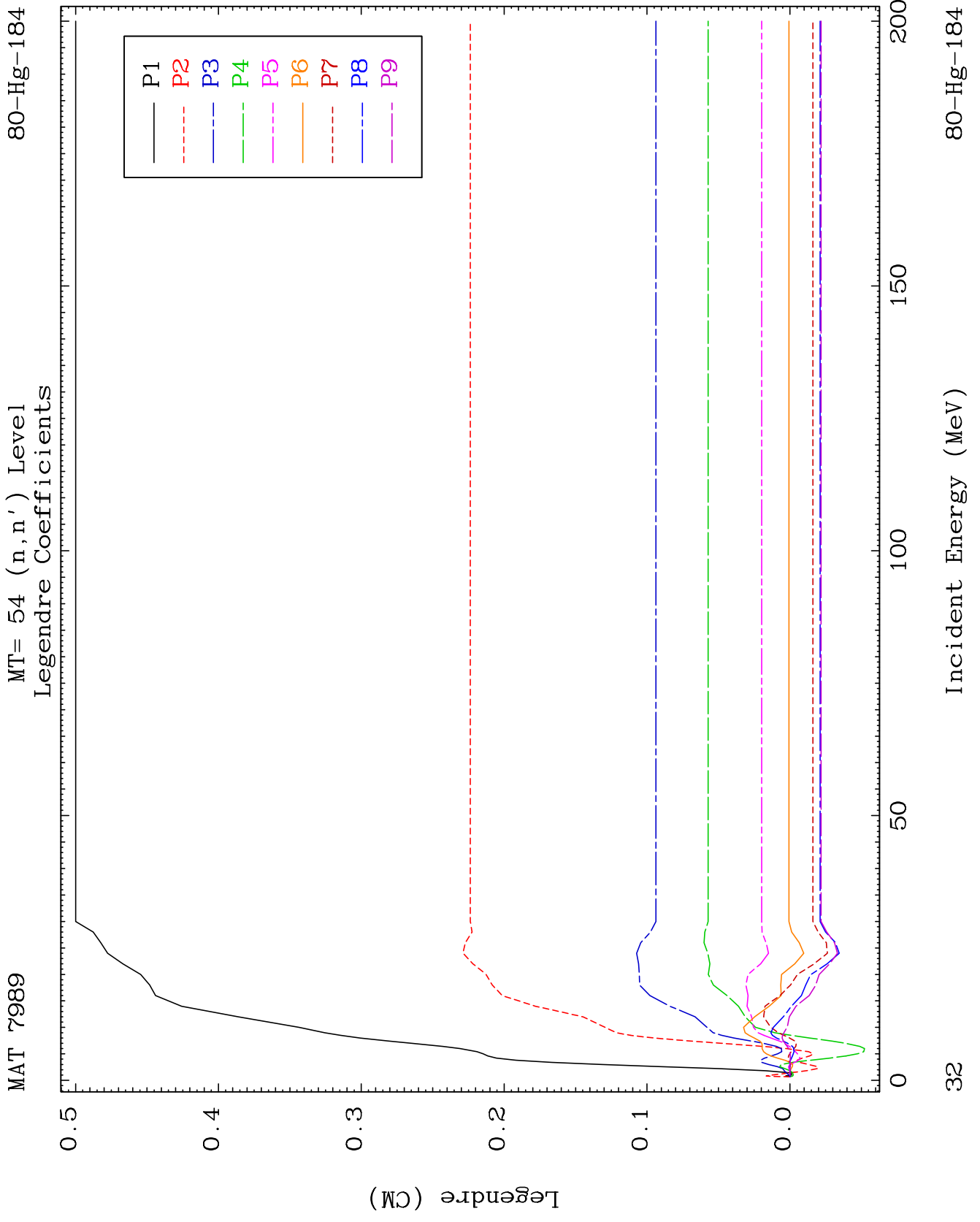
80-Hg-184



31

Incident Energy (MeV)

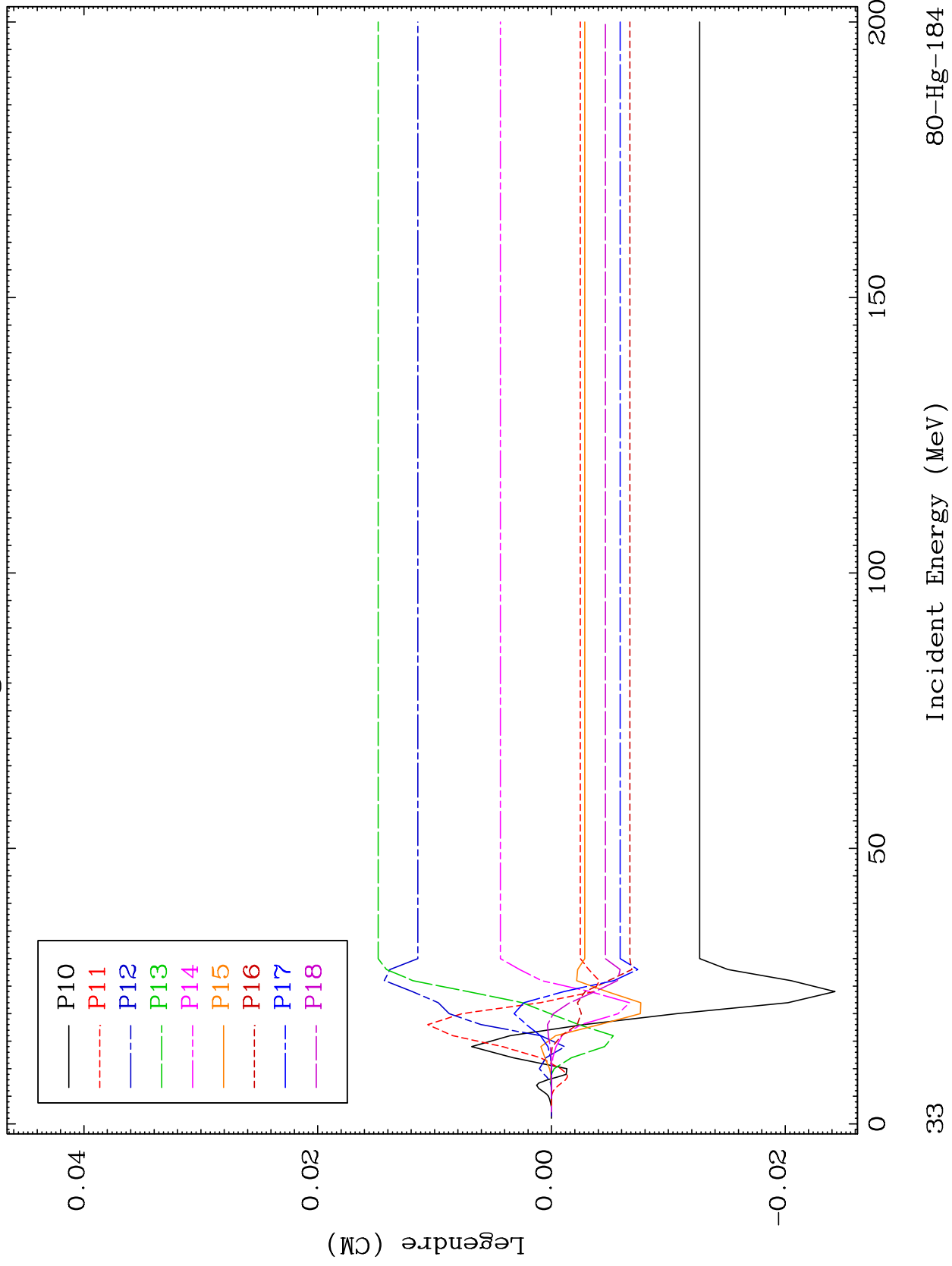
80-Hg-184



MAT 7989

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

80-Hg-184



33

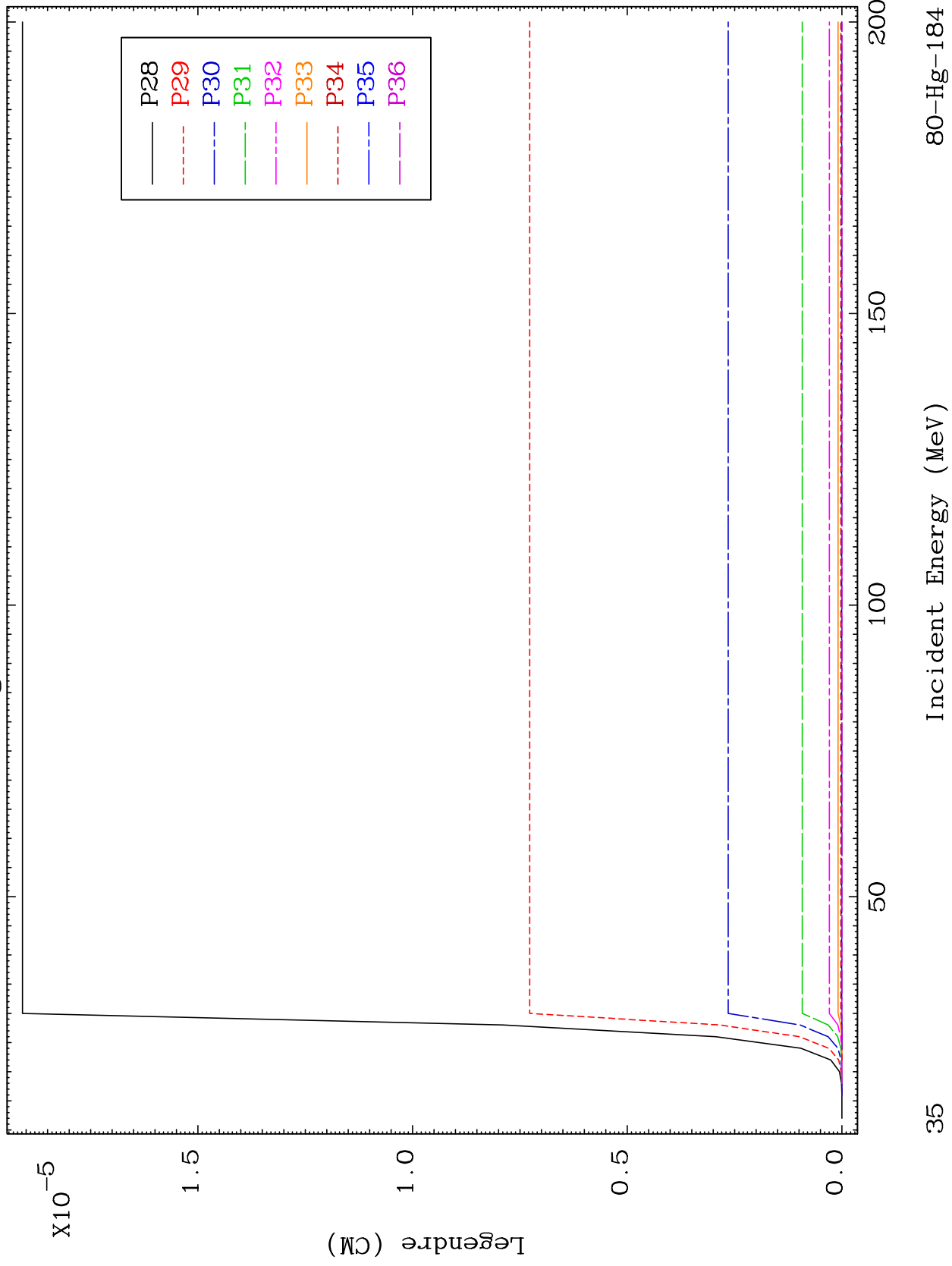
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

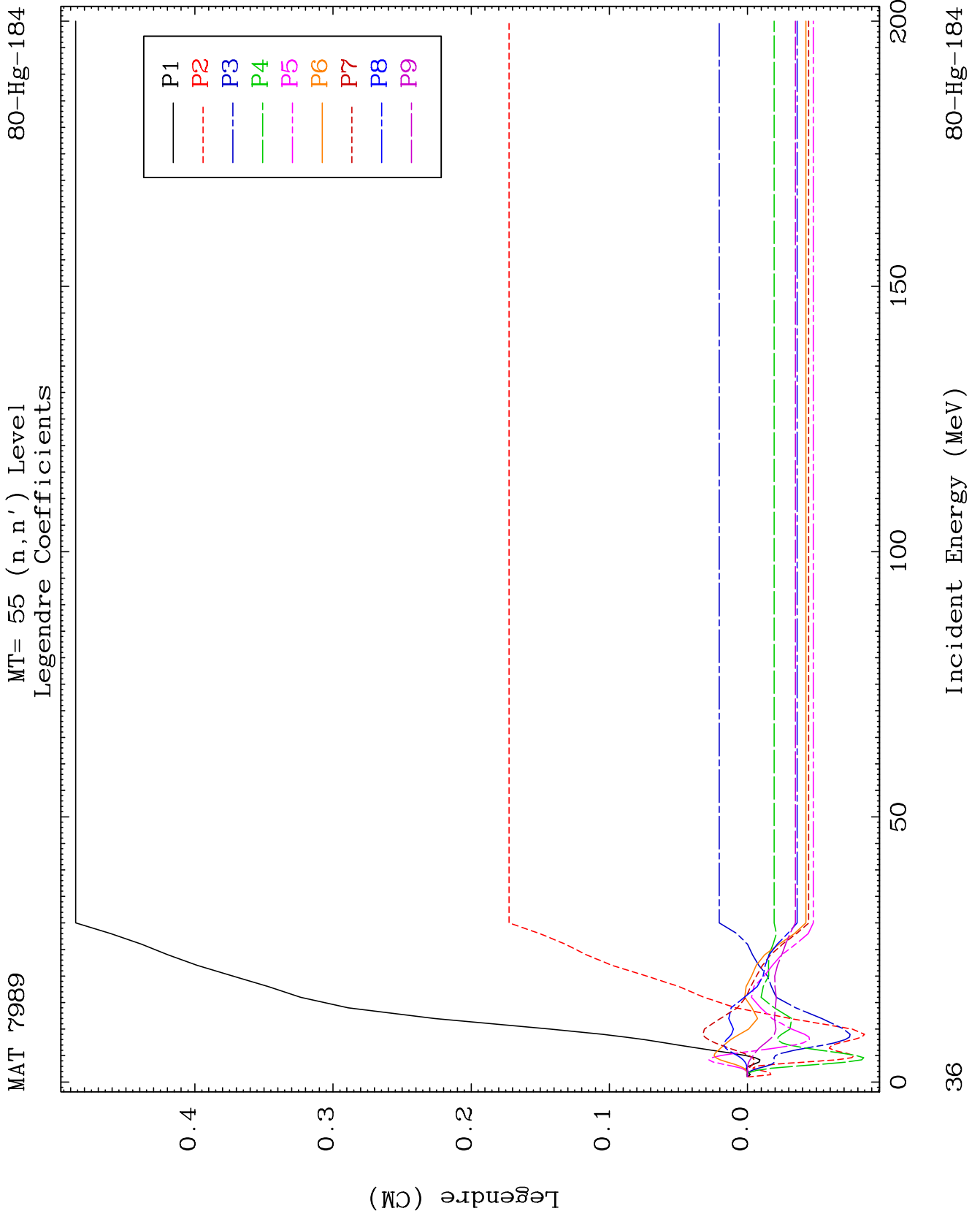
80-Hg-184



35

Incident Energy (MeV)

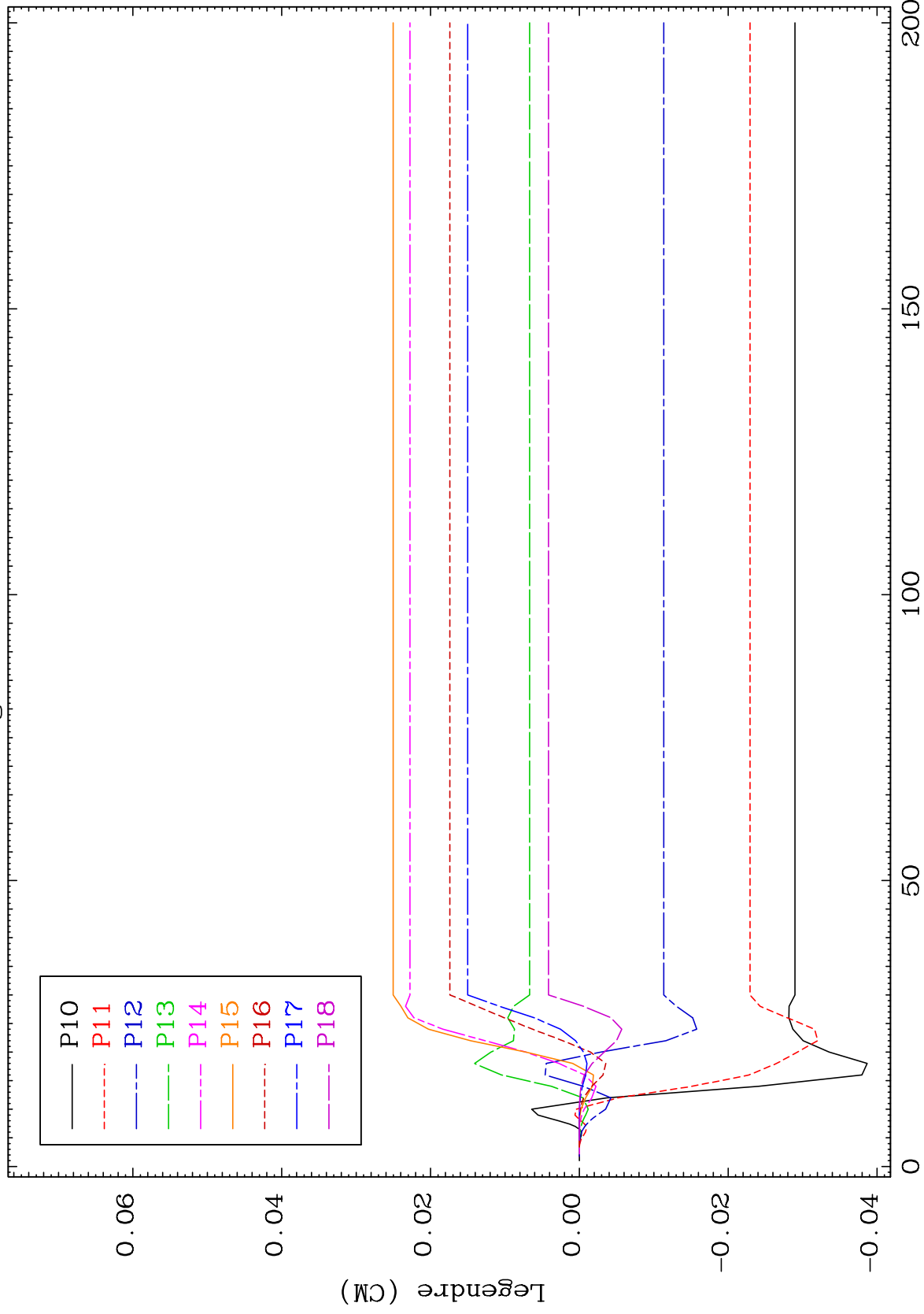
80-Hg-184



MAT 7989

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

80-Hg-184



37

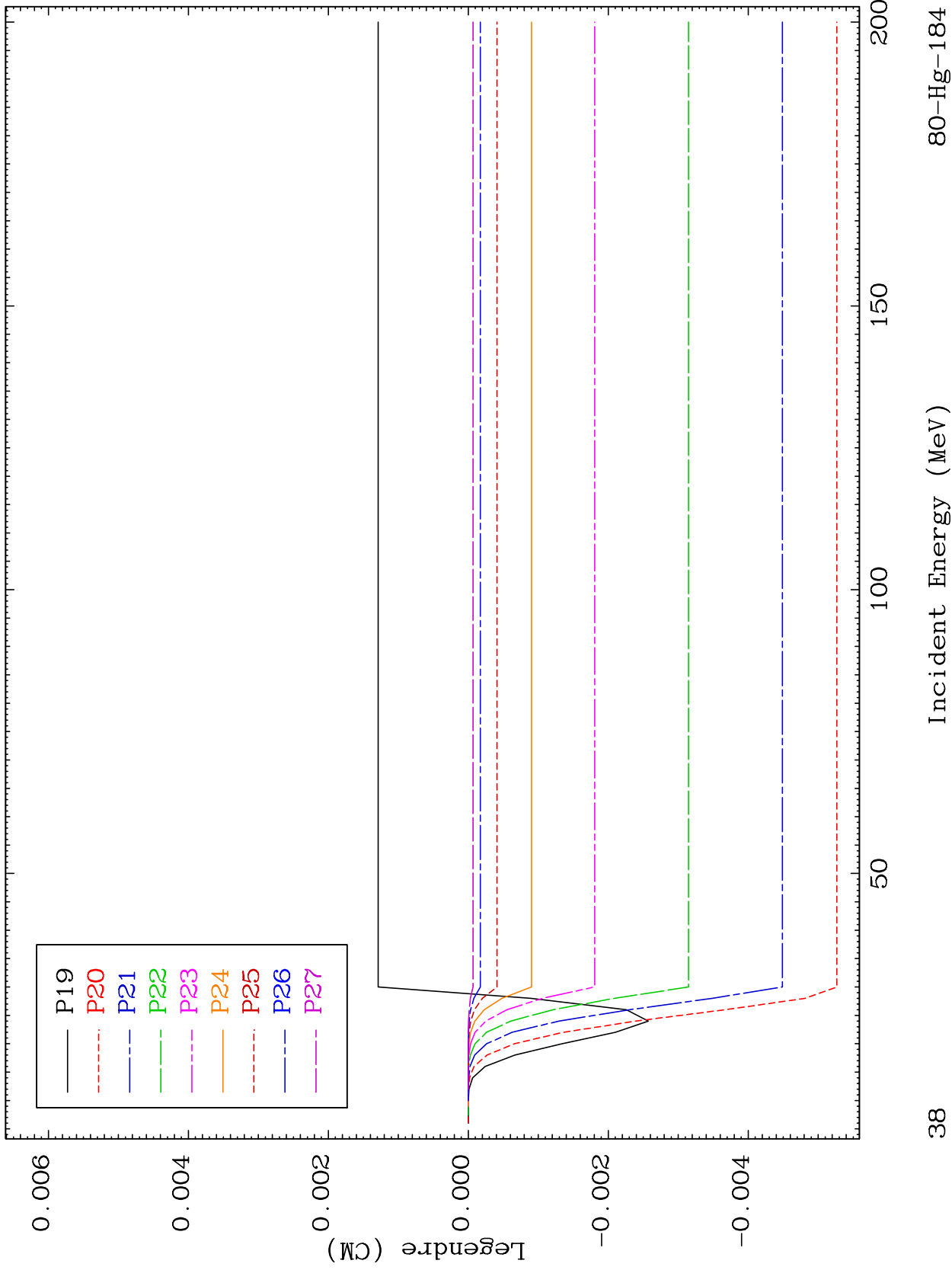
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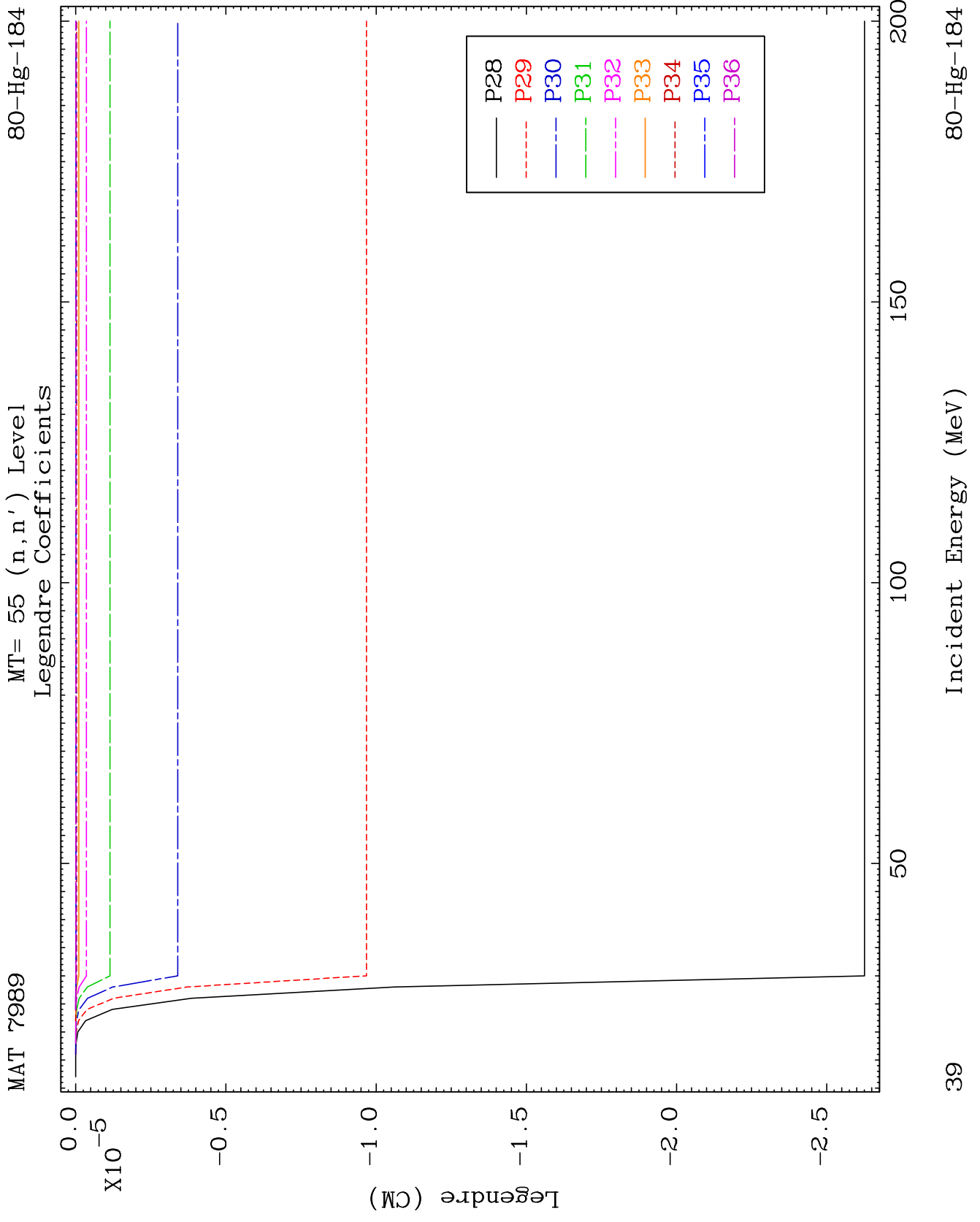
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MAT 7989

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

80-Hg-184

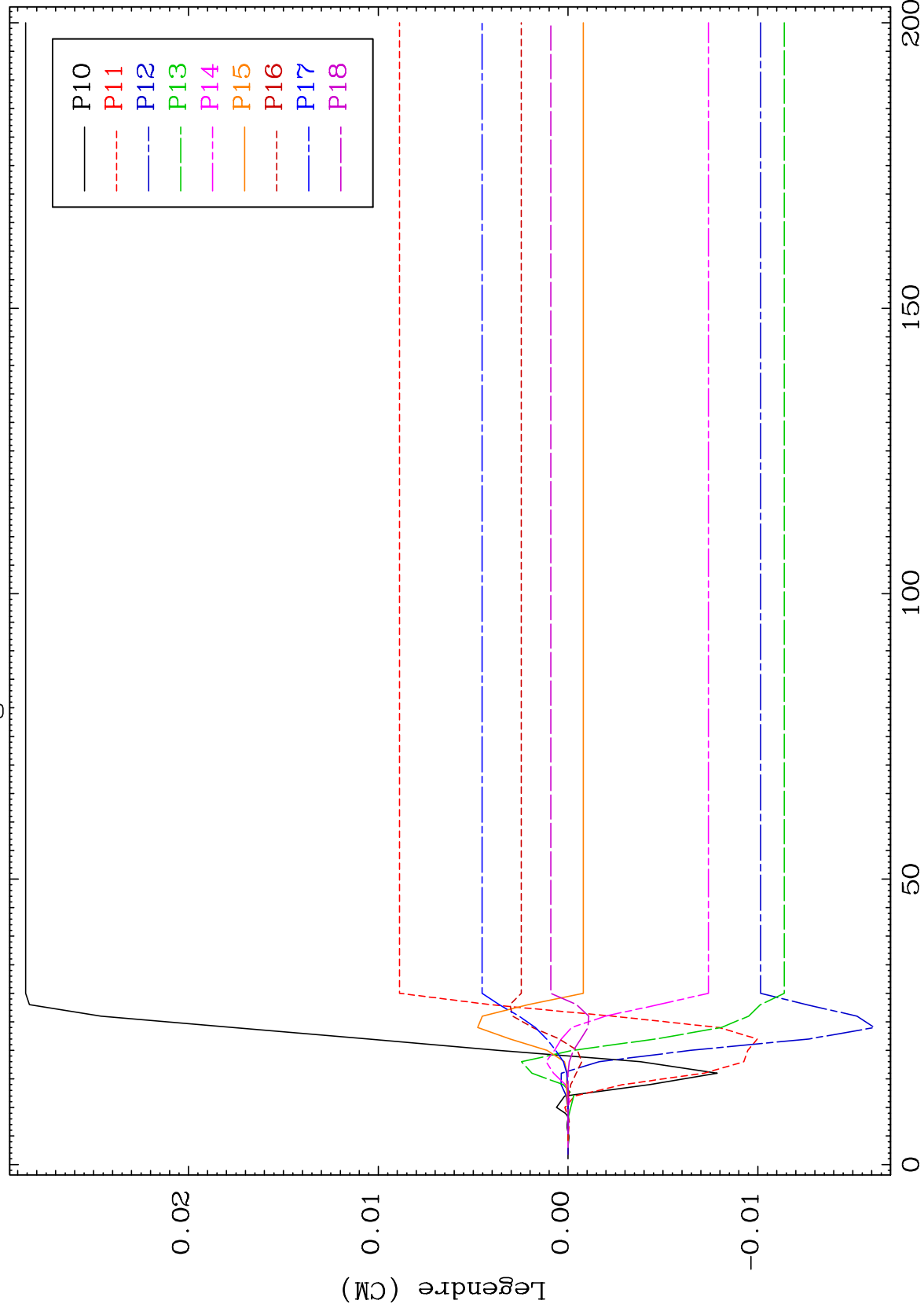




MAT 7989

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

80-Hg-184



41

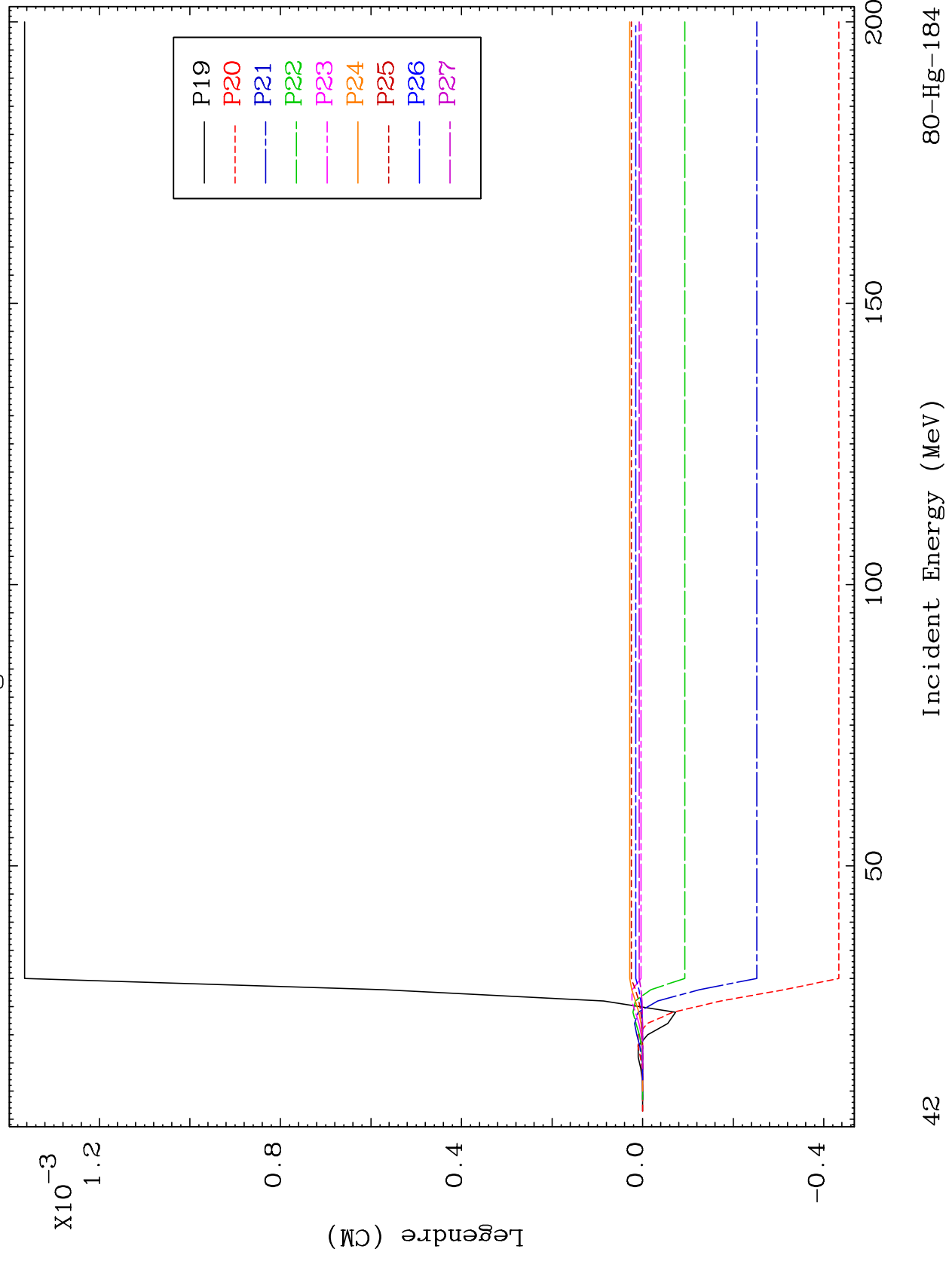
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



42

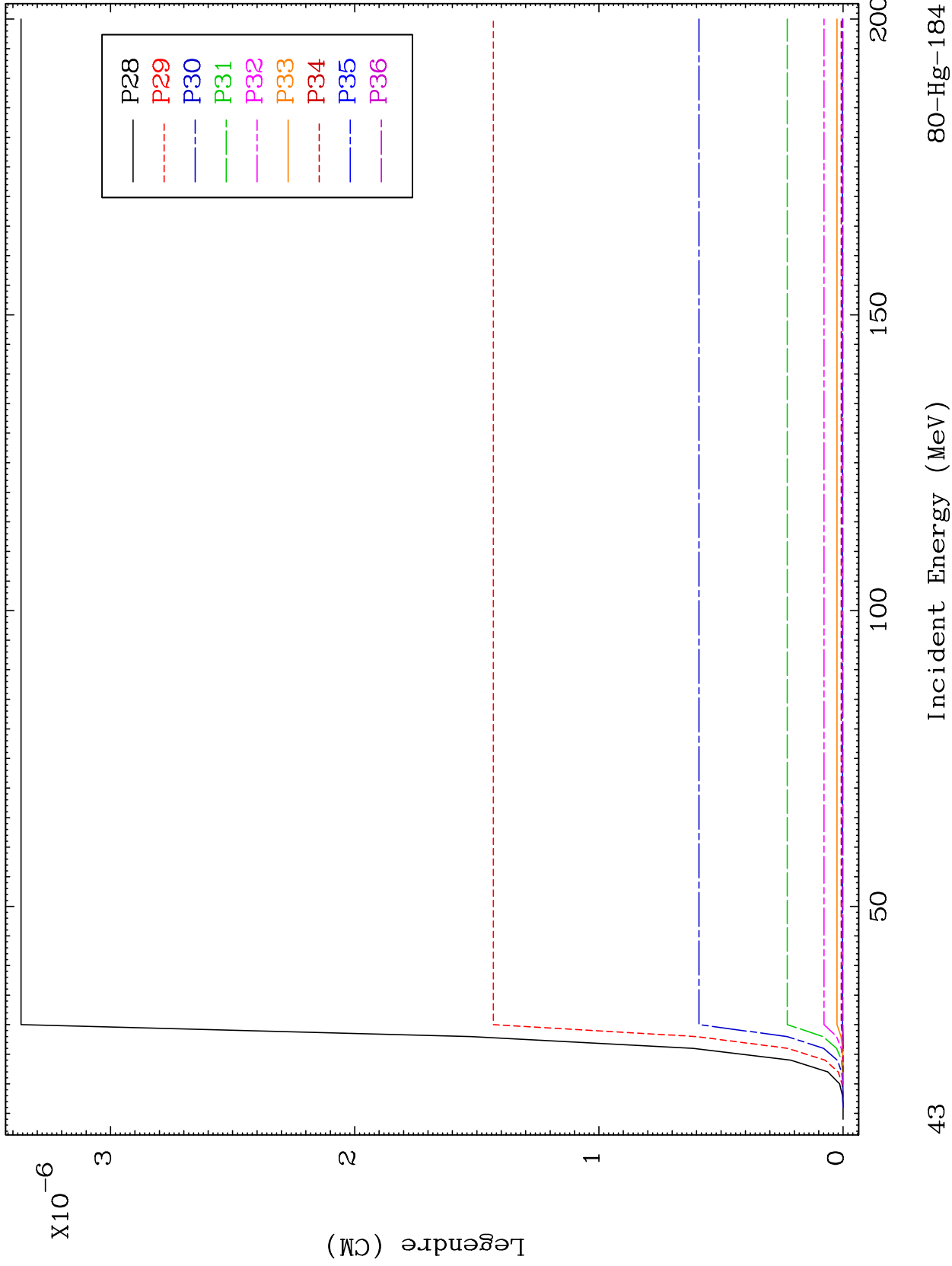
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

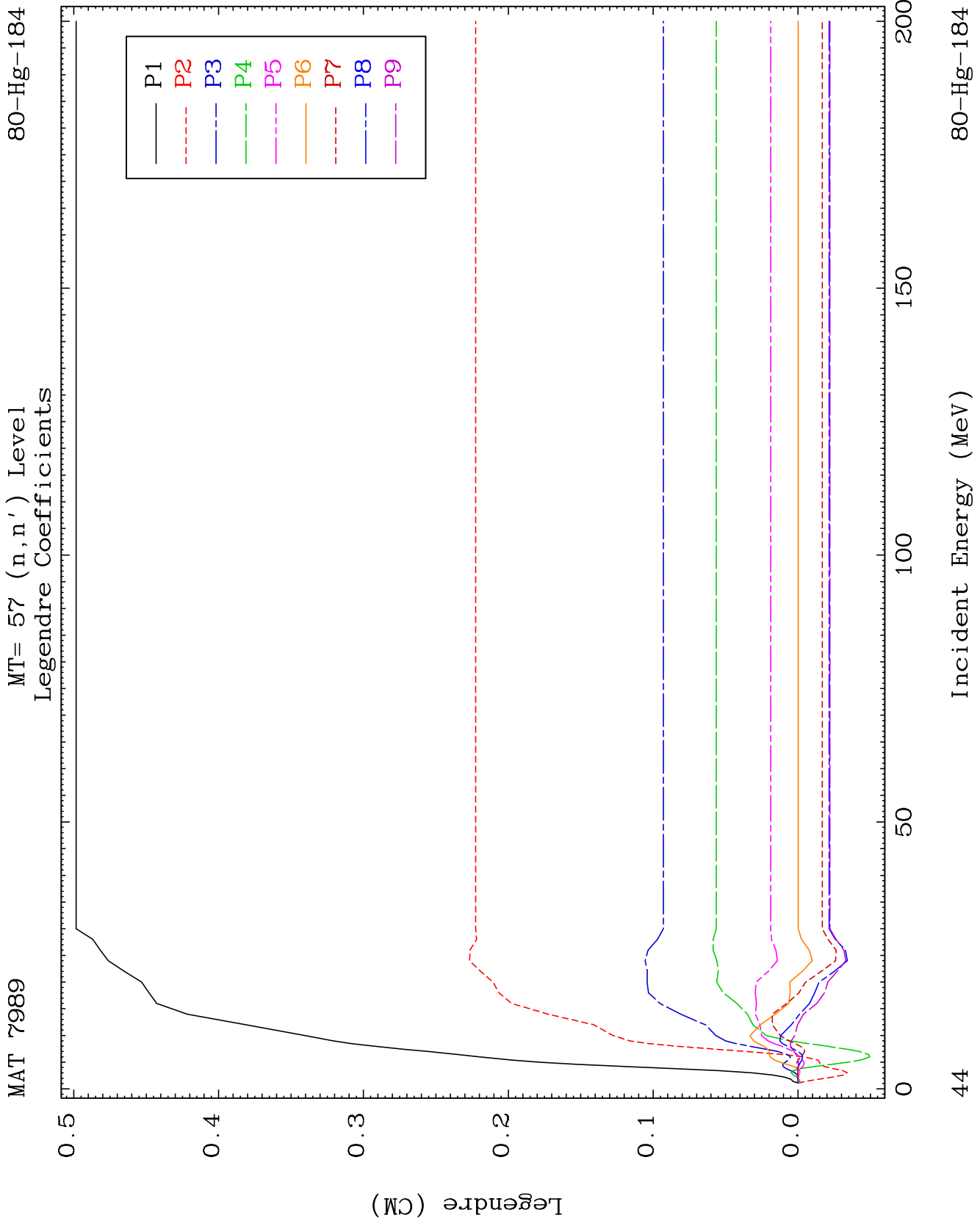
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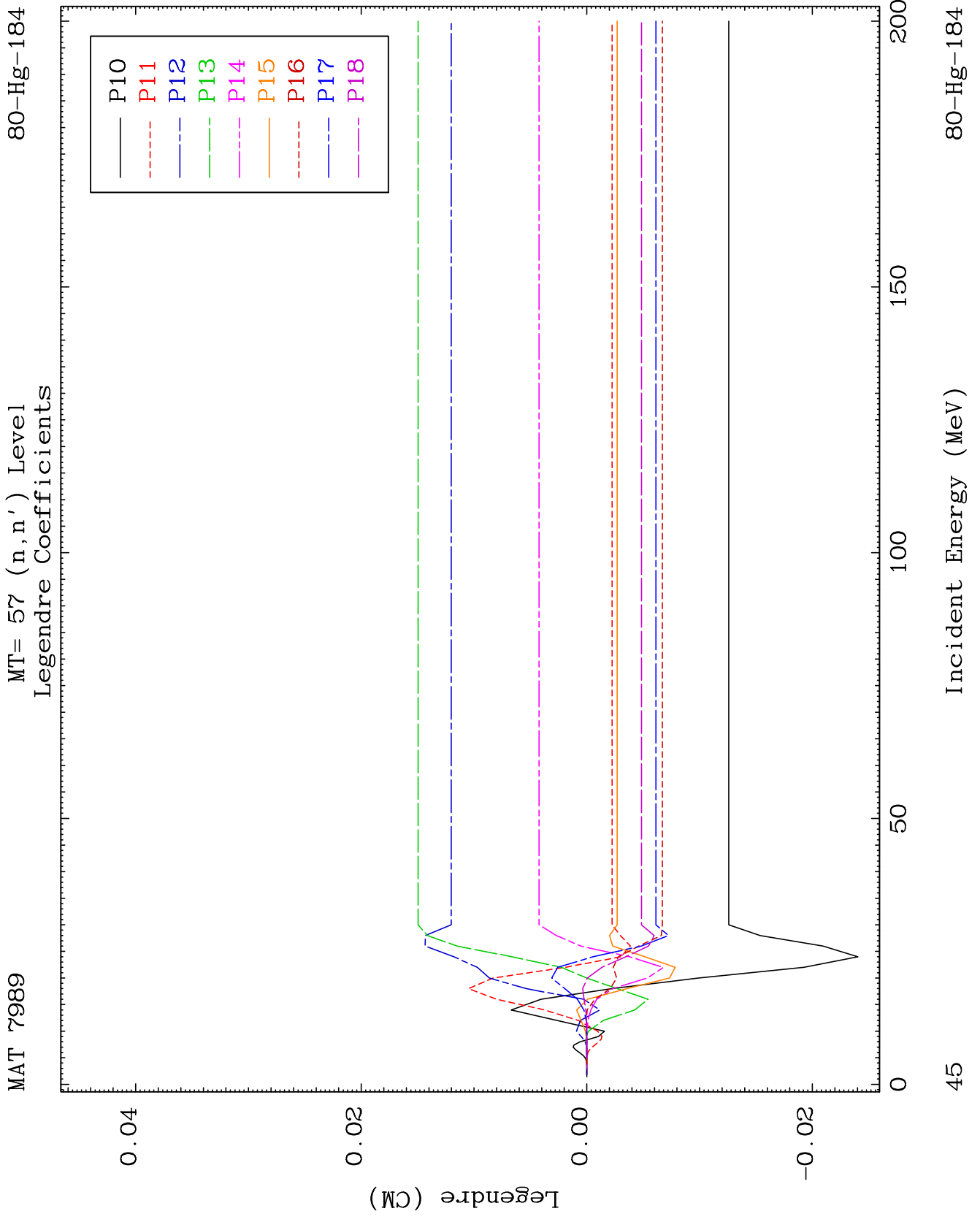


43

Incident Energy (MeV)

80-Hg-184

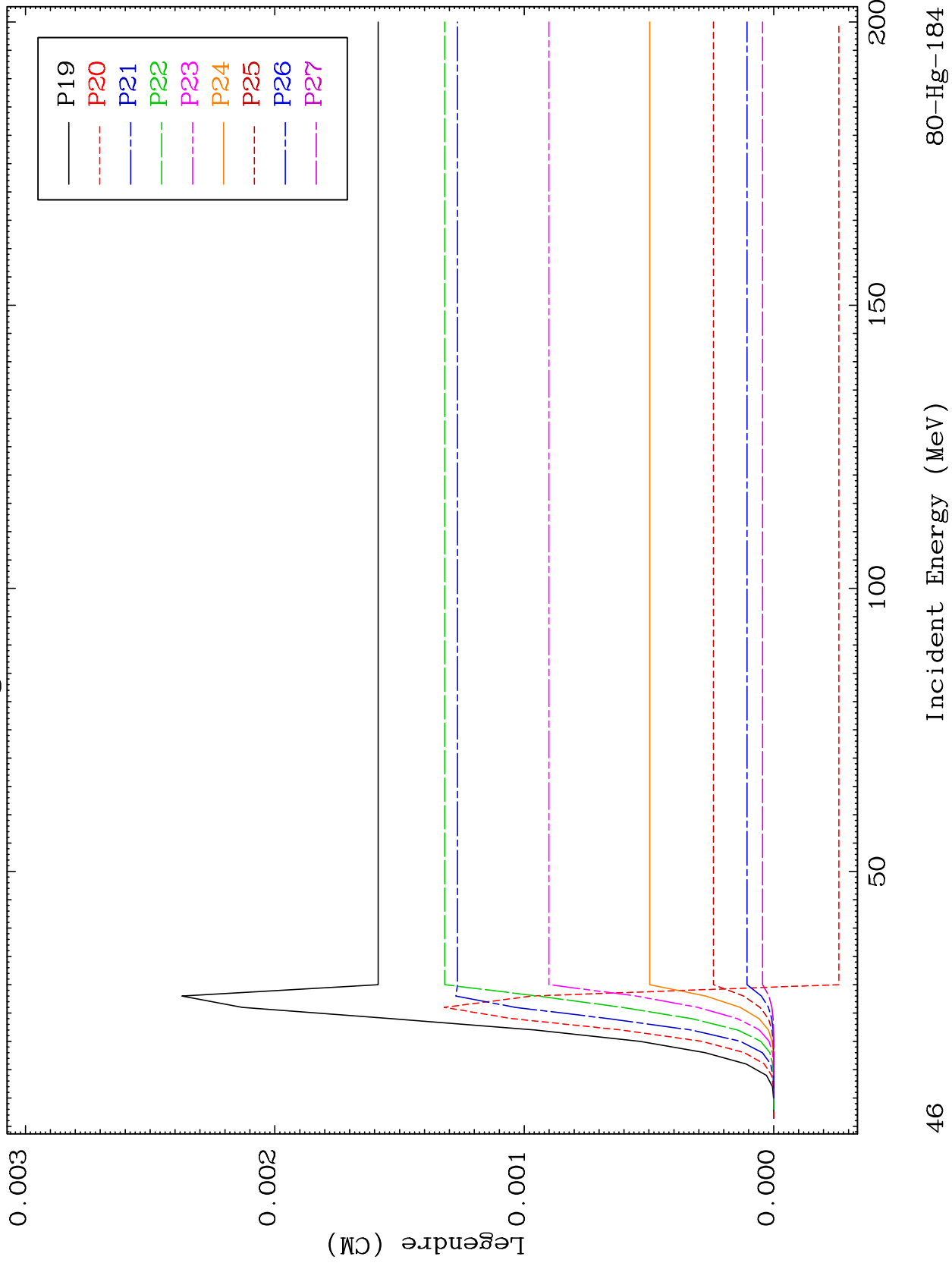




MAT 7989

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

80-Hg-184



46

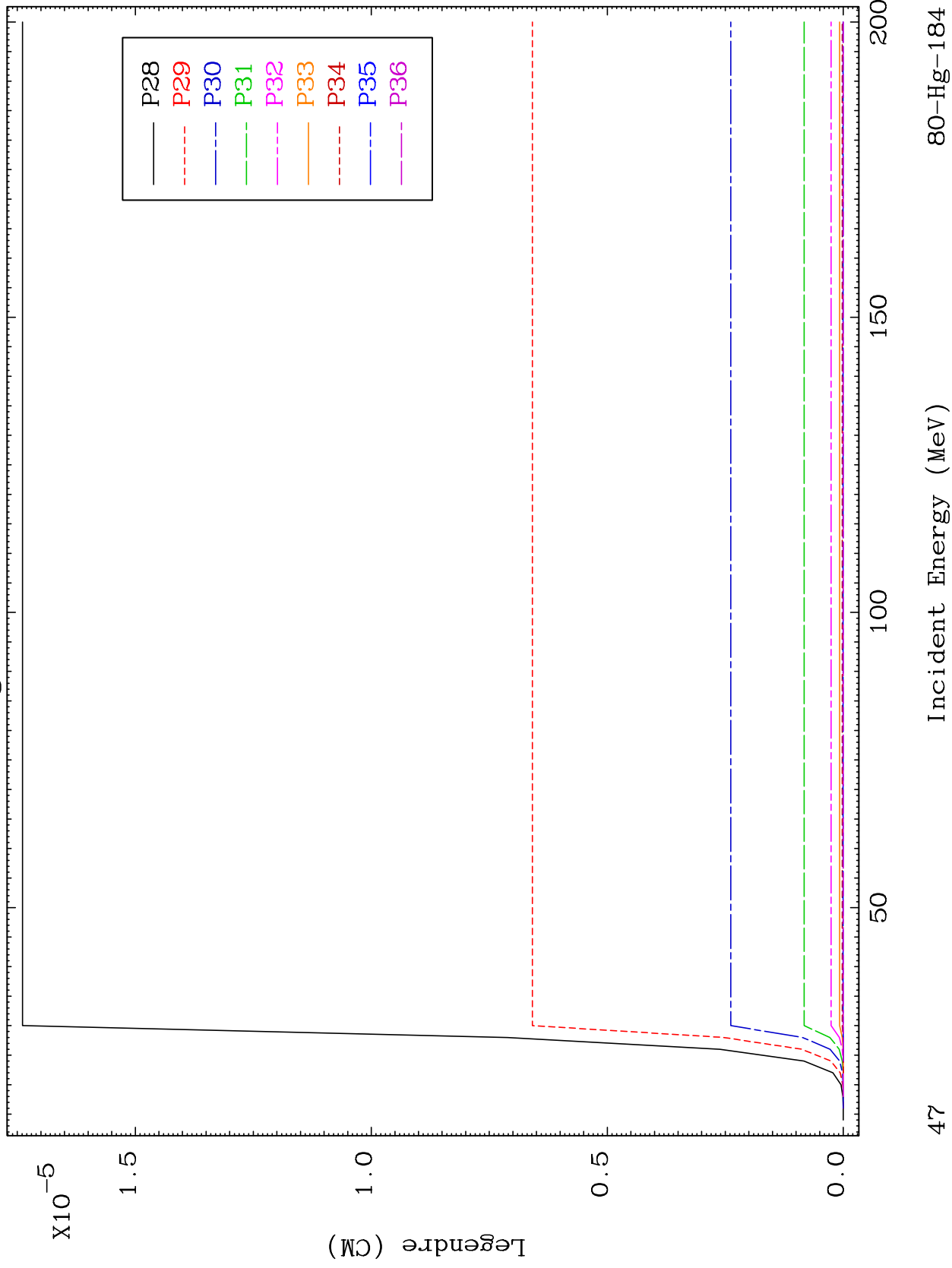
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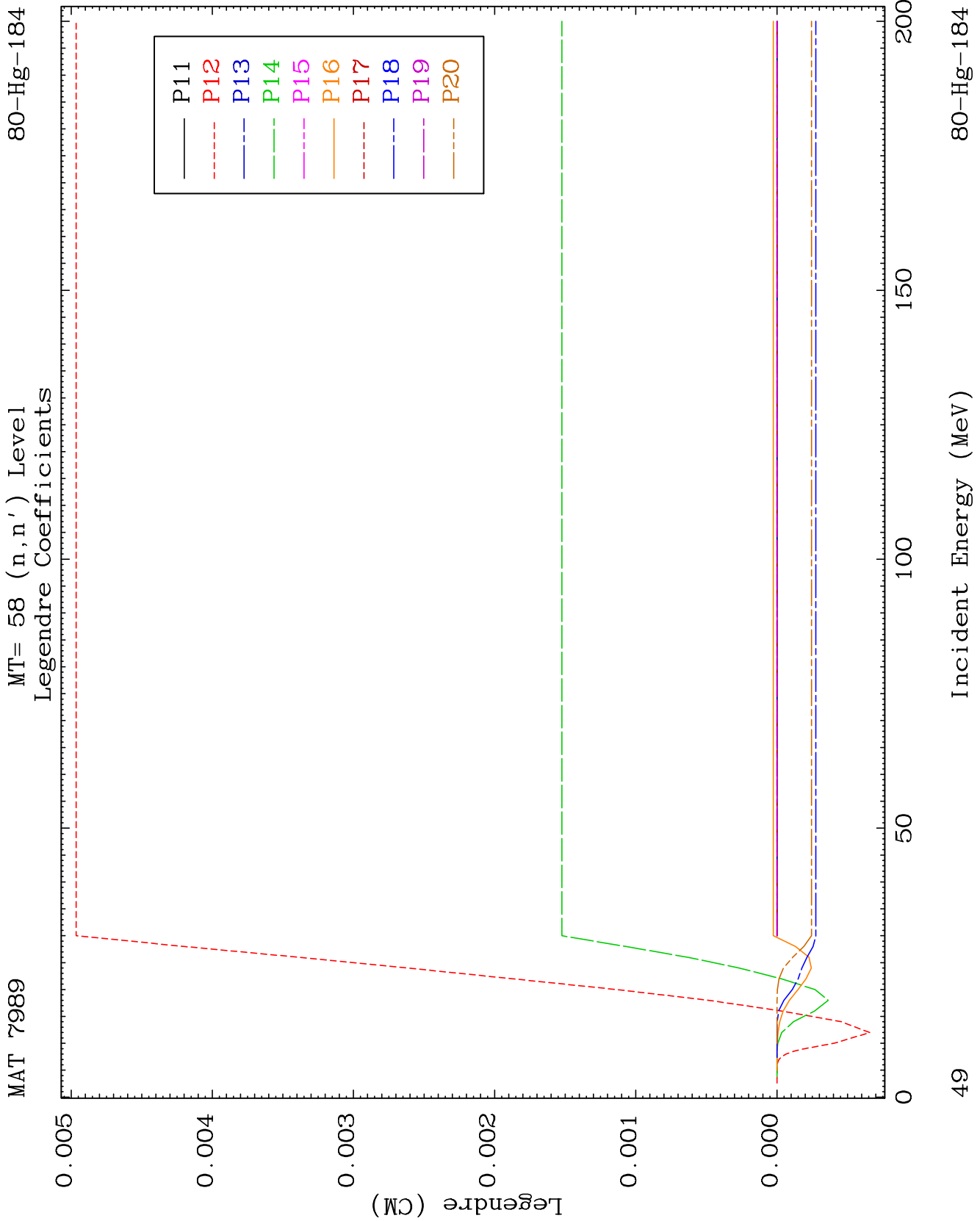
80-Hg-184

MAT 7989

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

80-Hg-184

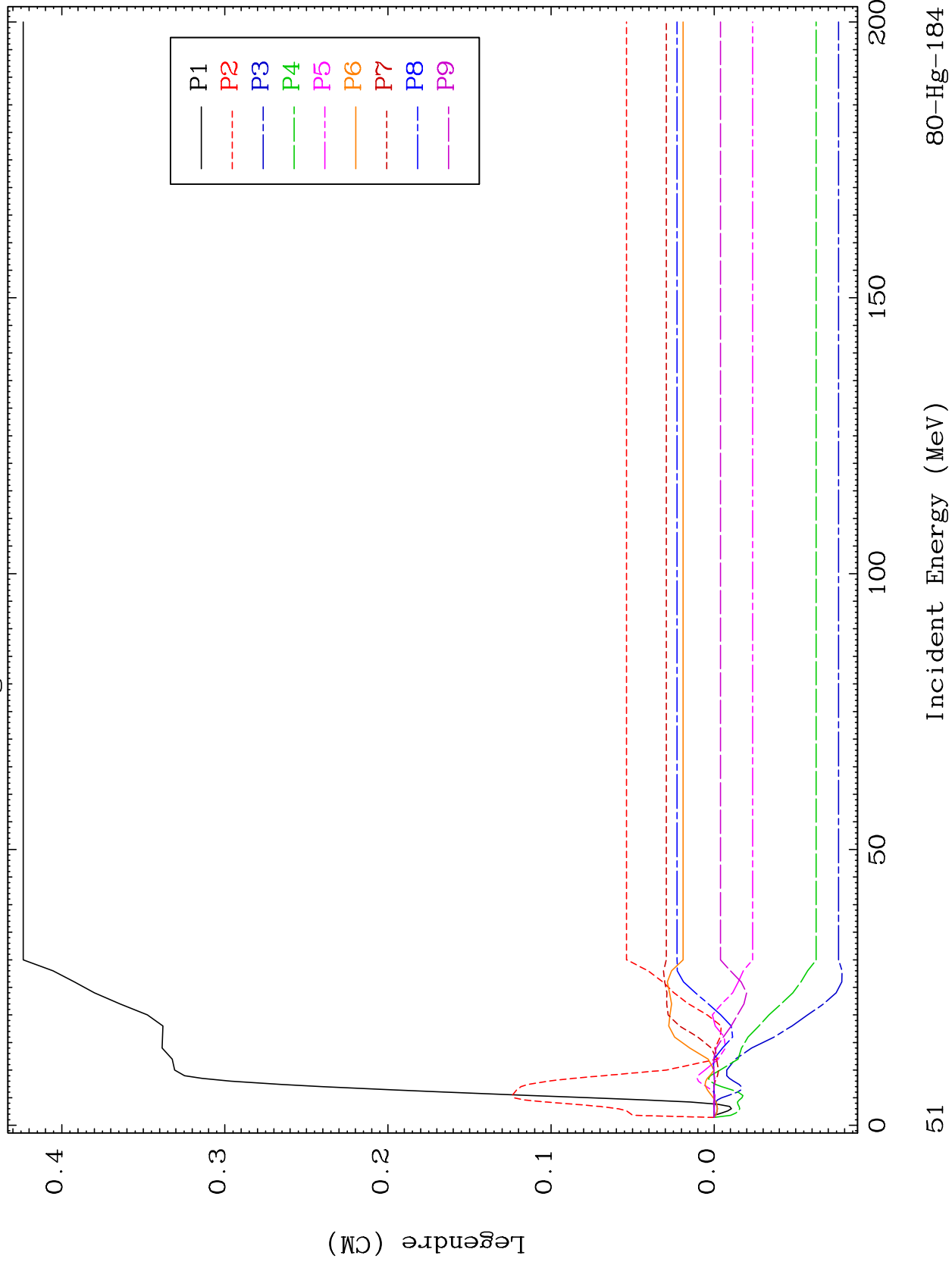




MAT 7989

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

80-Hg-184



51

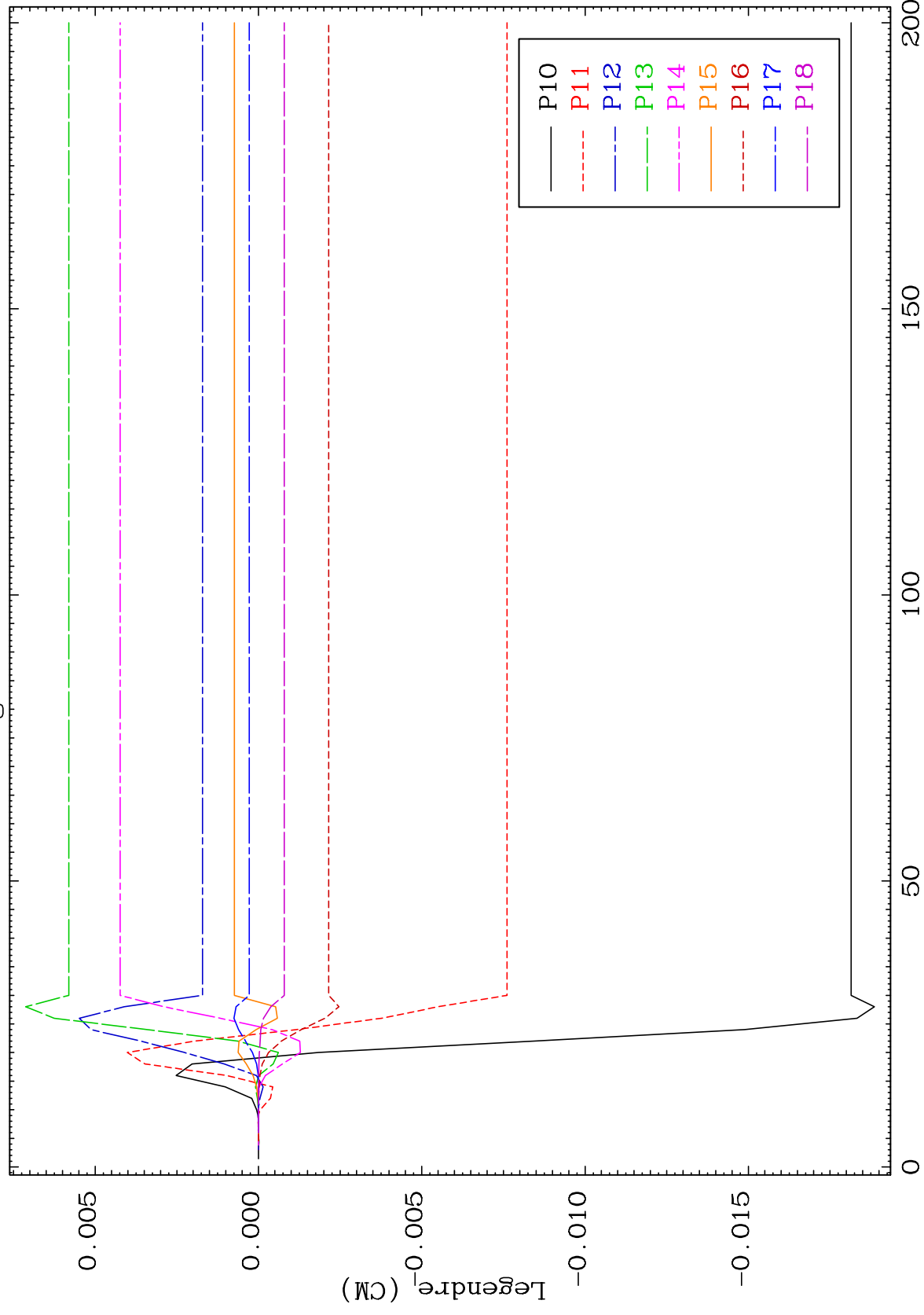
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



52

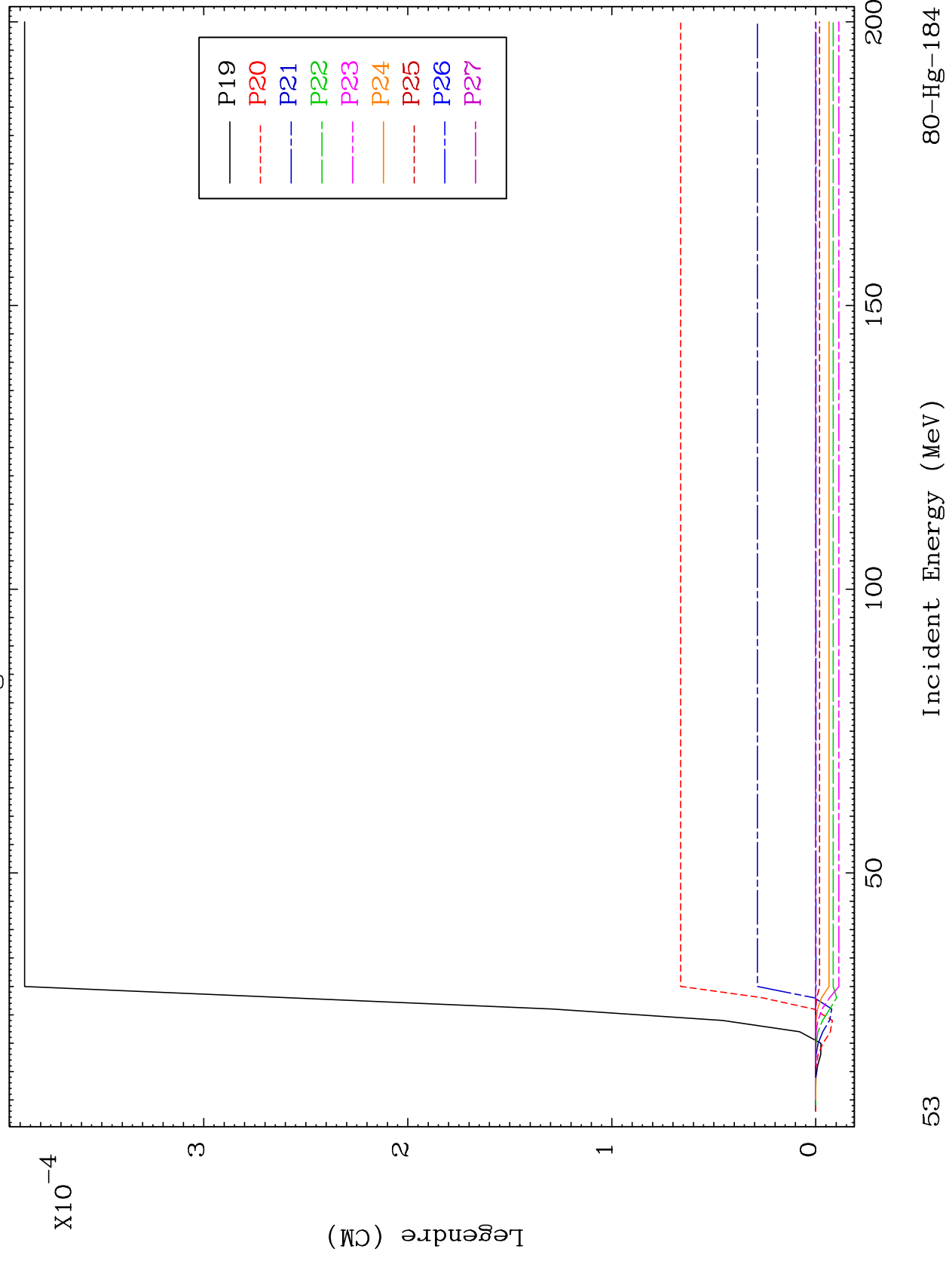
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



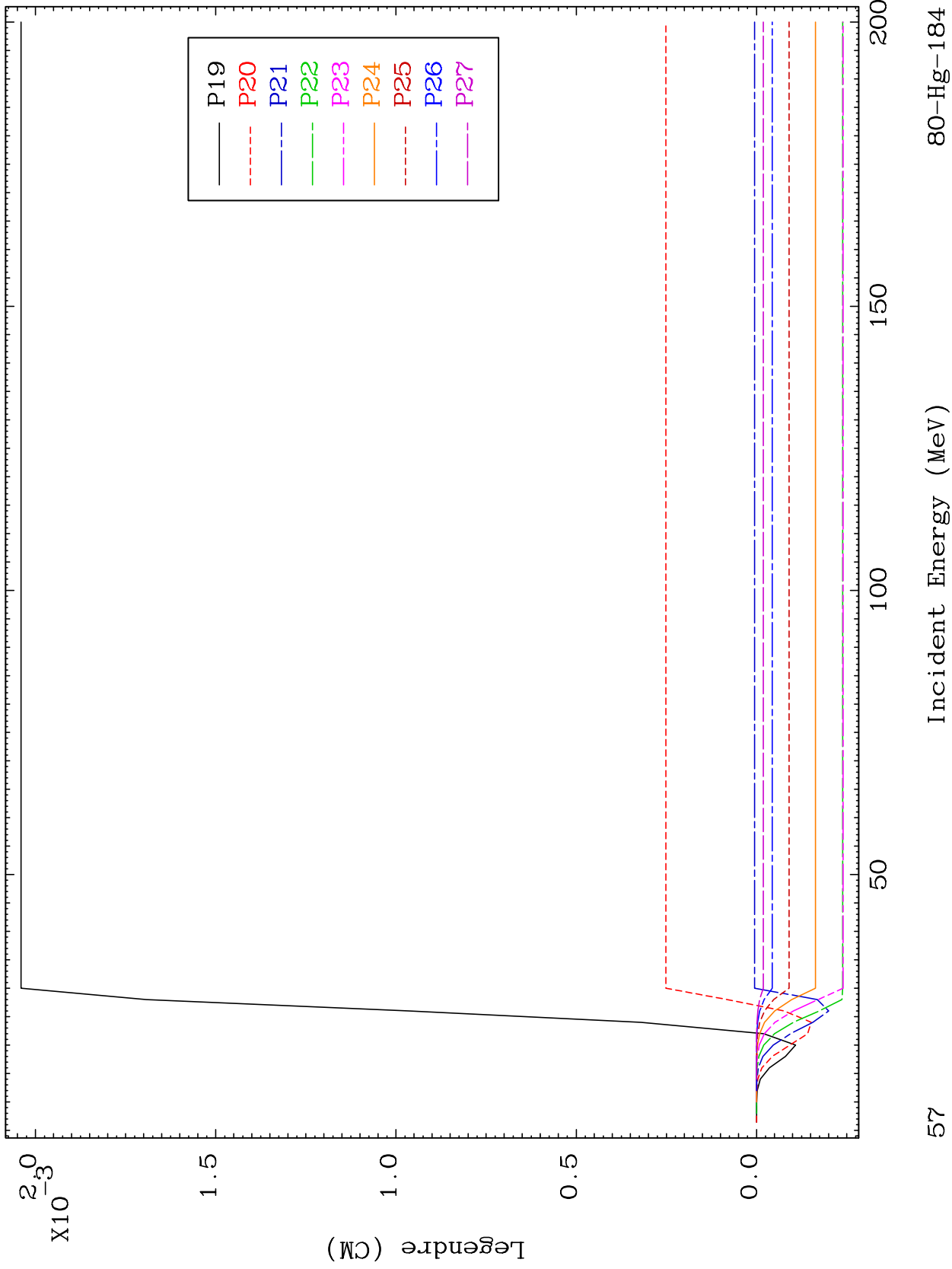
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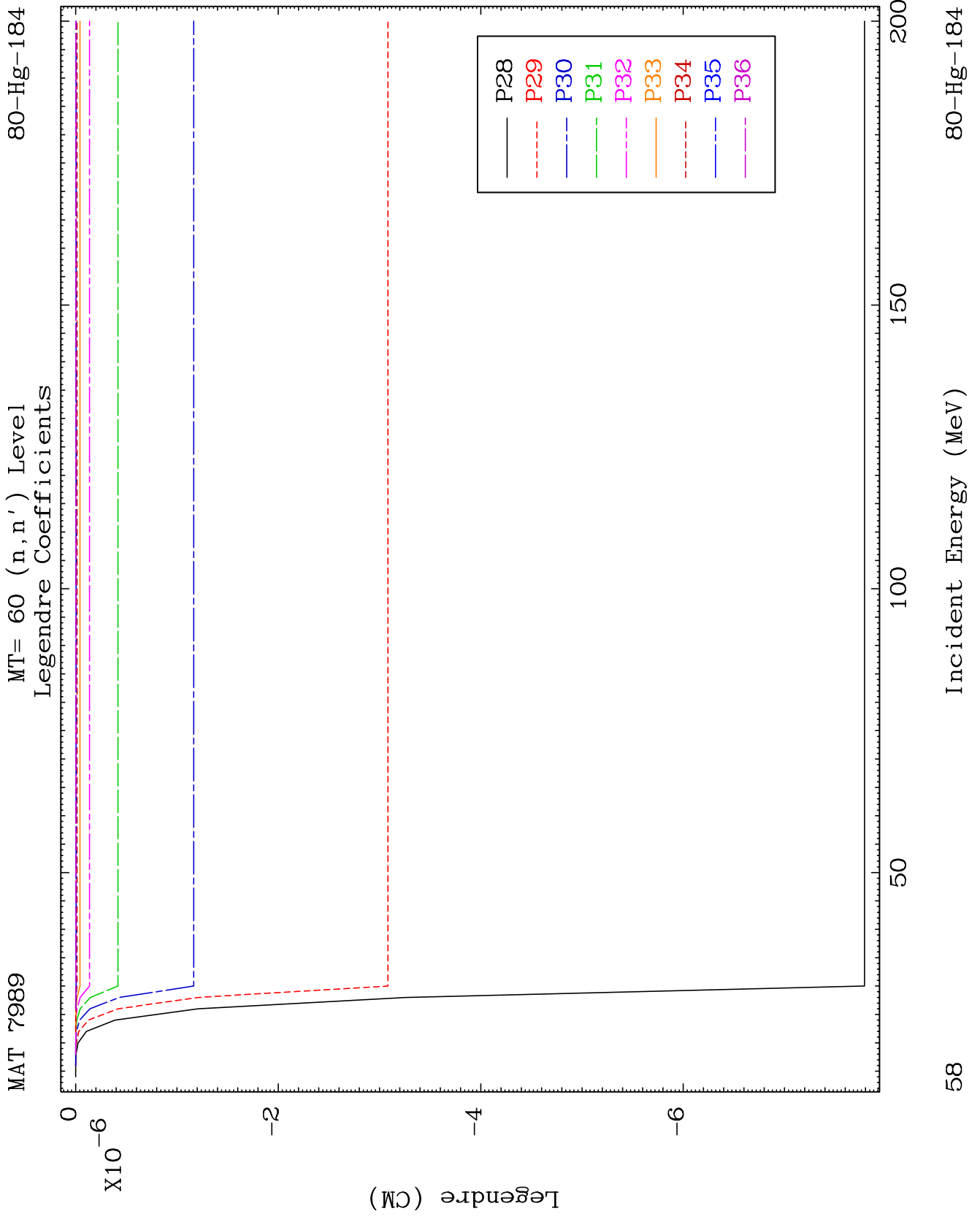
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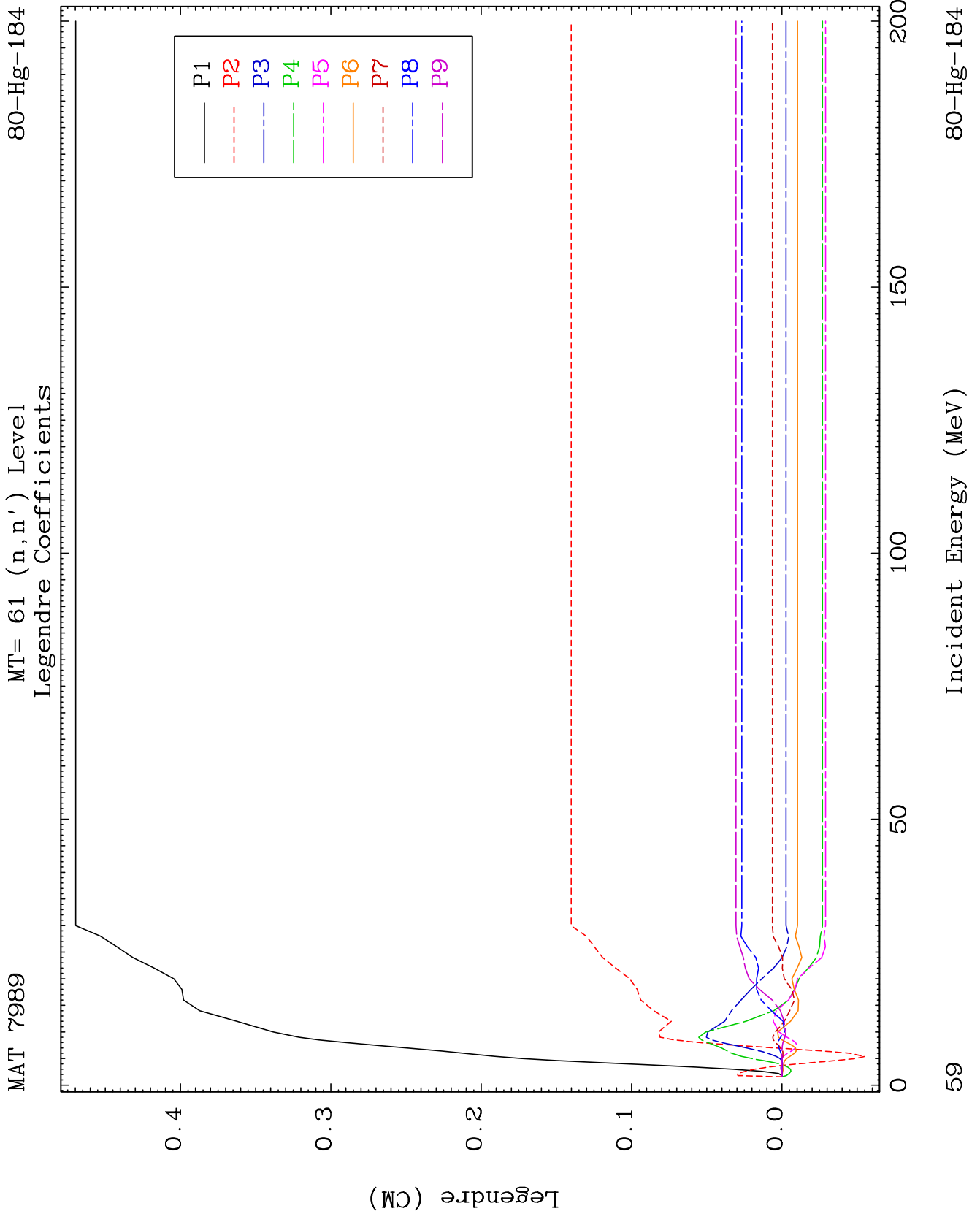
MAT 7989

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

80-Hg-184



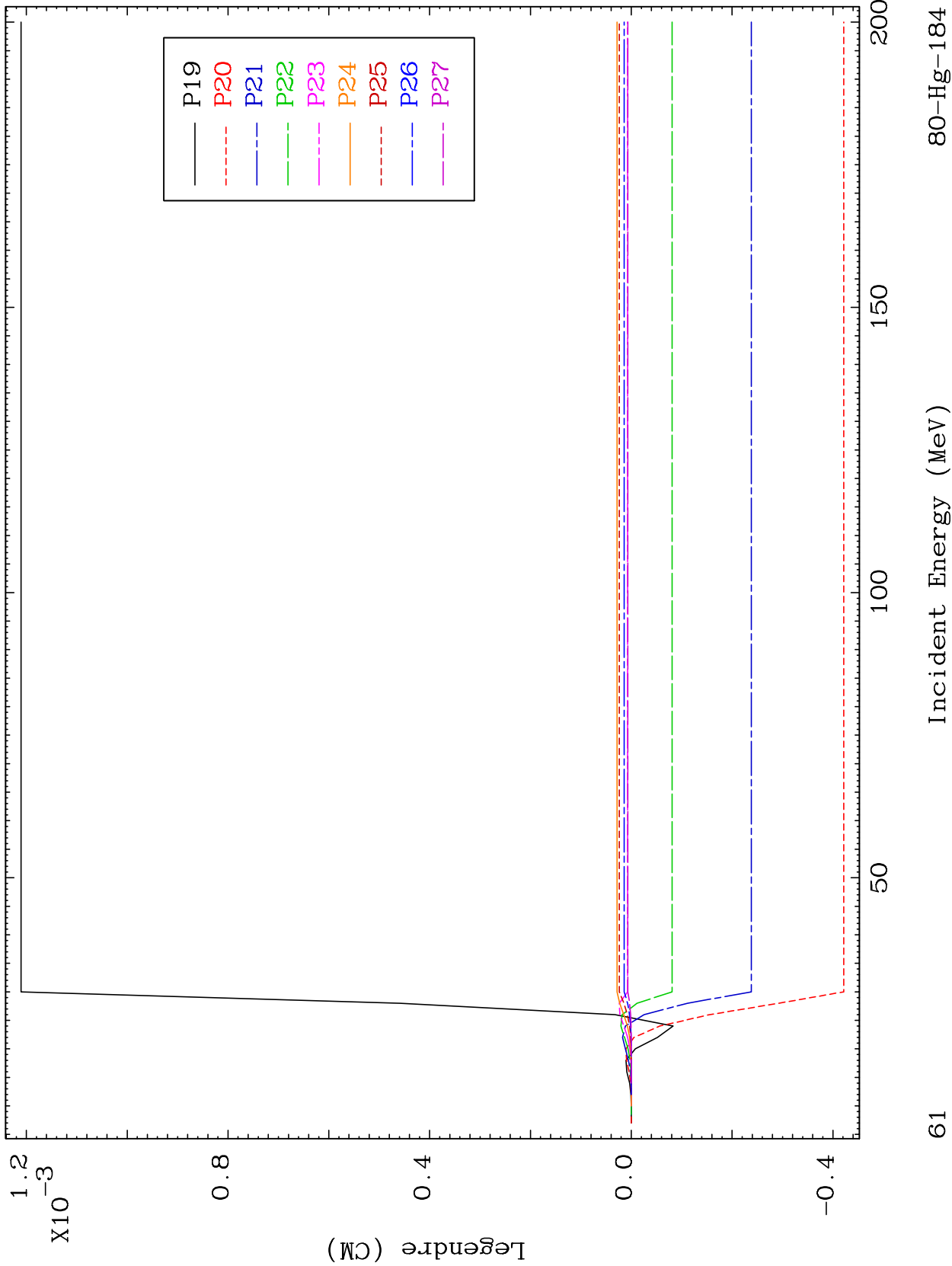




MAT 7989

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

80-Hg-184



61

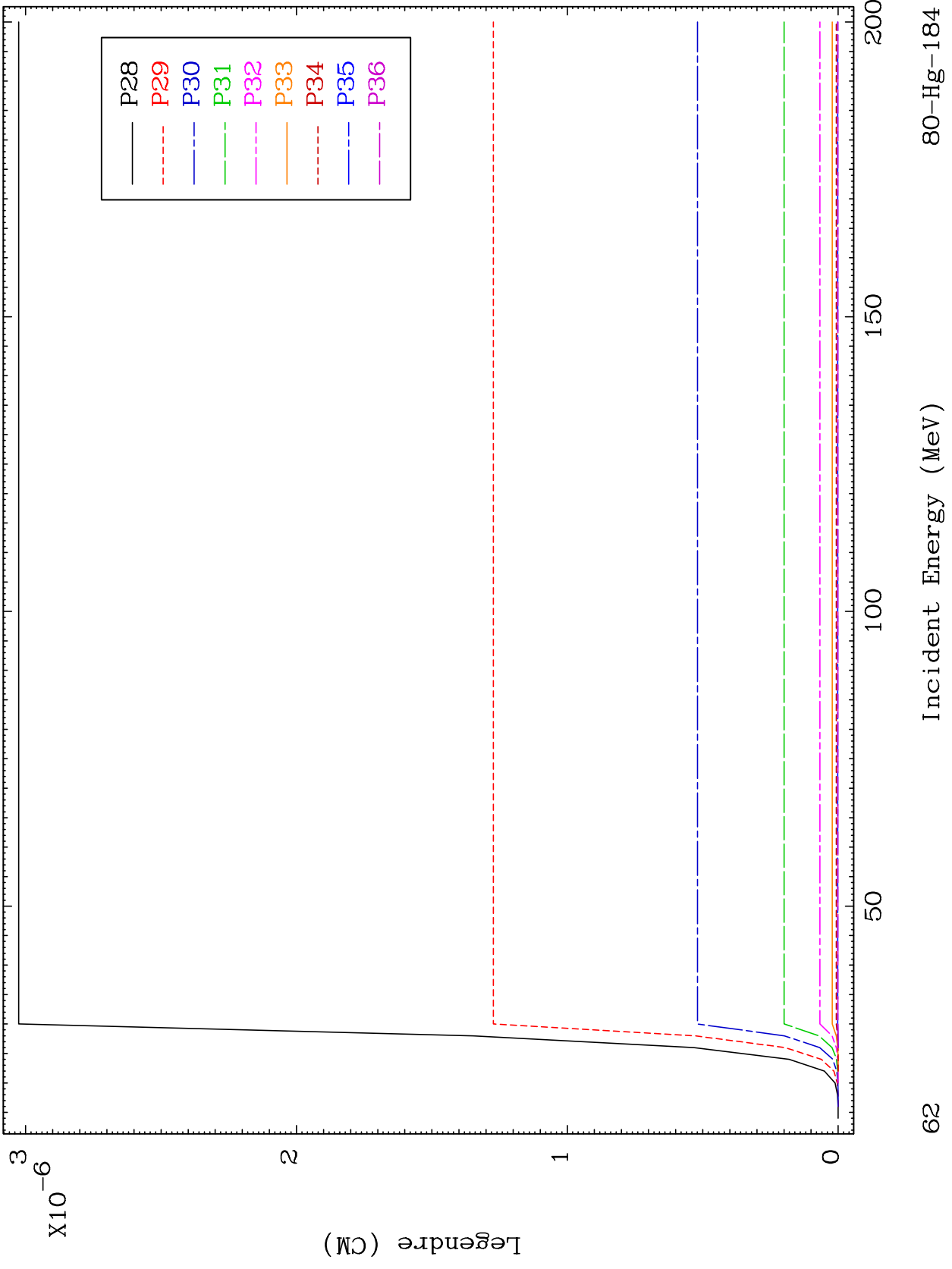
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

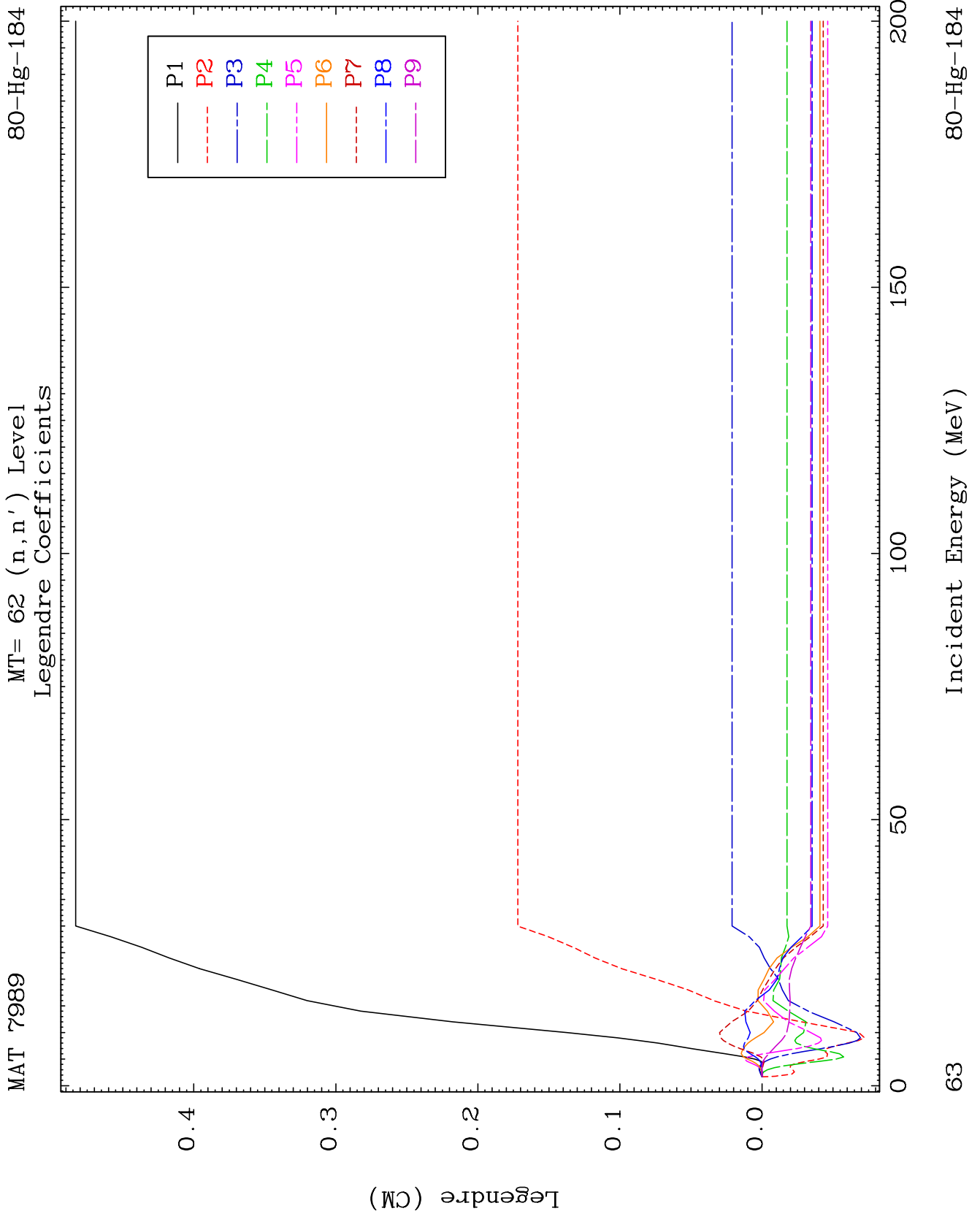
80-Hg-184



62

Incident Energy (MeV)

80-Hg-184



80-Hg-184

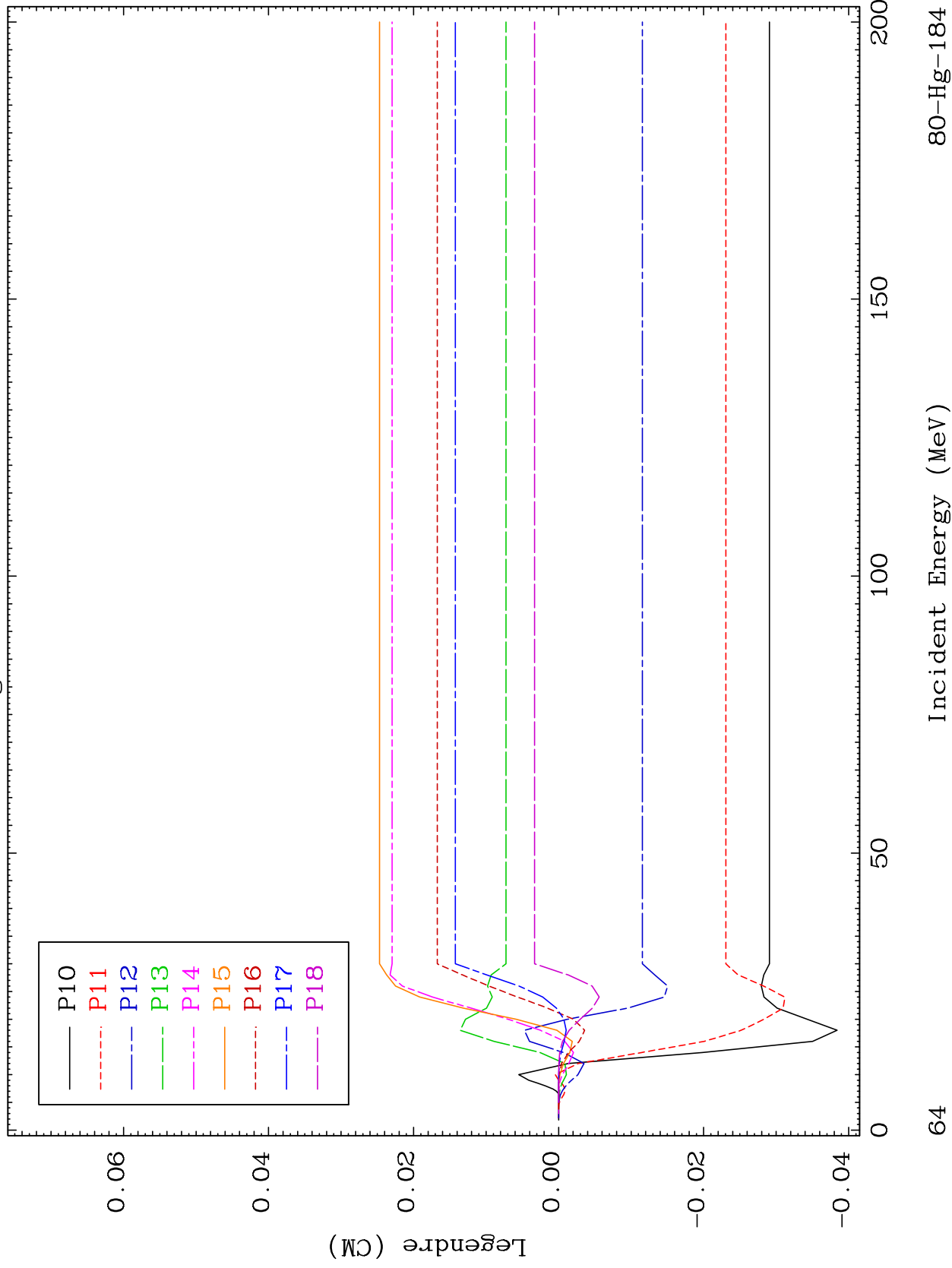
Incident Energy (MeV)

63

MAT 7989

MT= 62 (n,n') Level
Legendre Coefficients

80-Hg-184



80-Hg-184

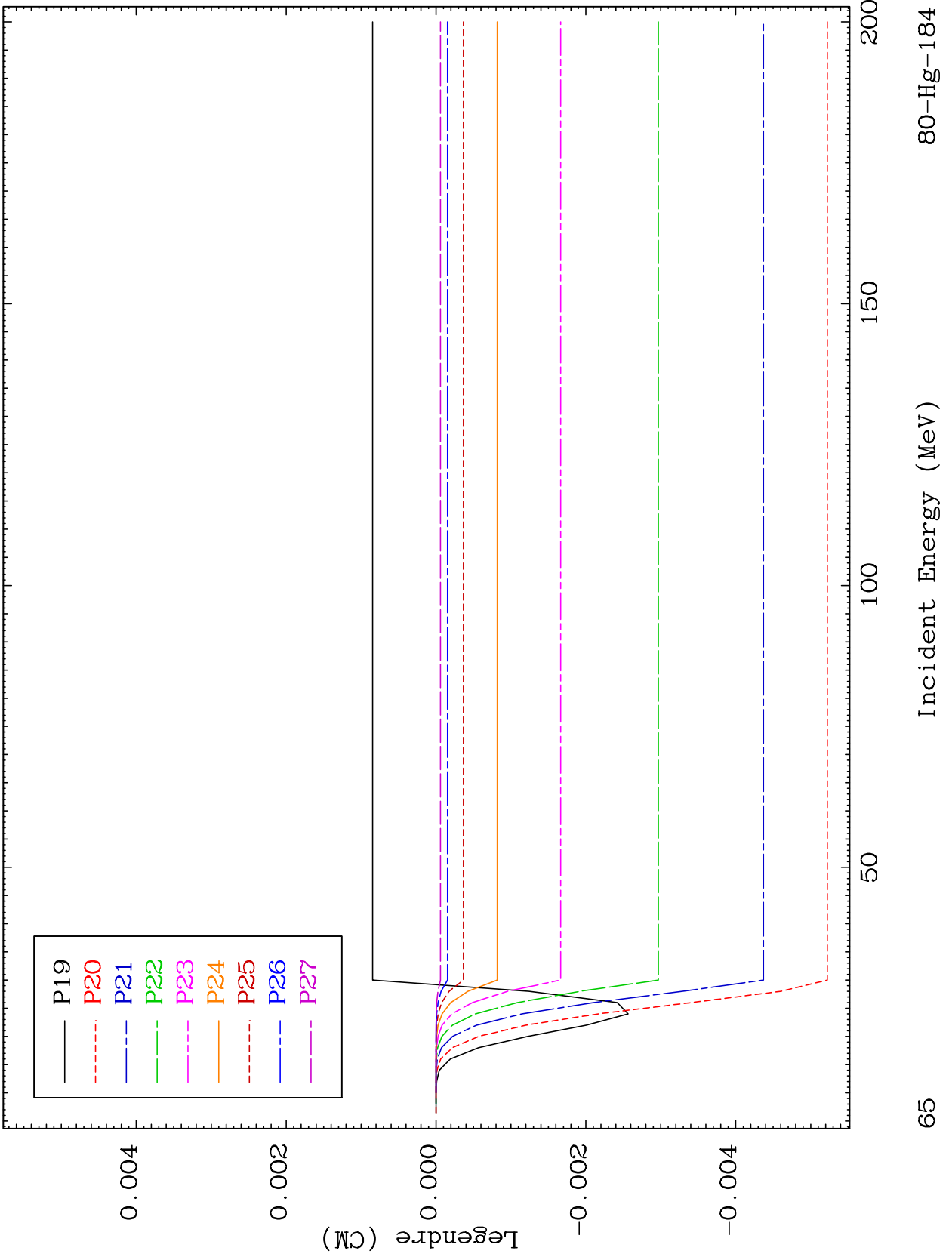
Incident Energy (MeV)

64

MAT 7989

MT= 62 (n,n') Level
Legendre Coefficients

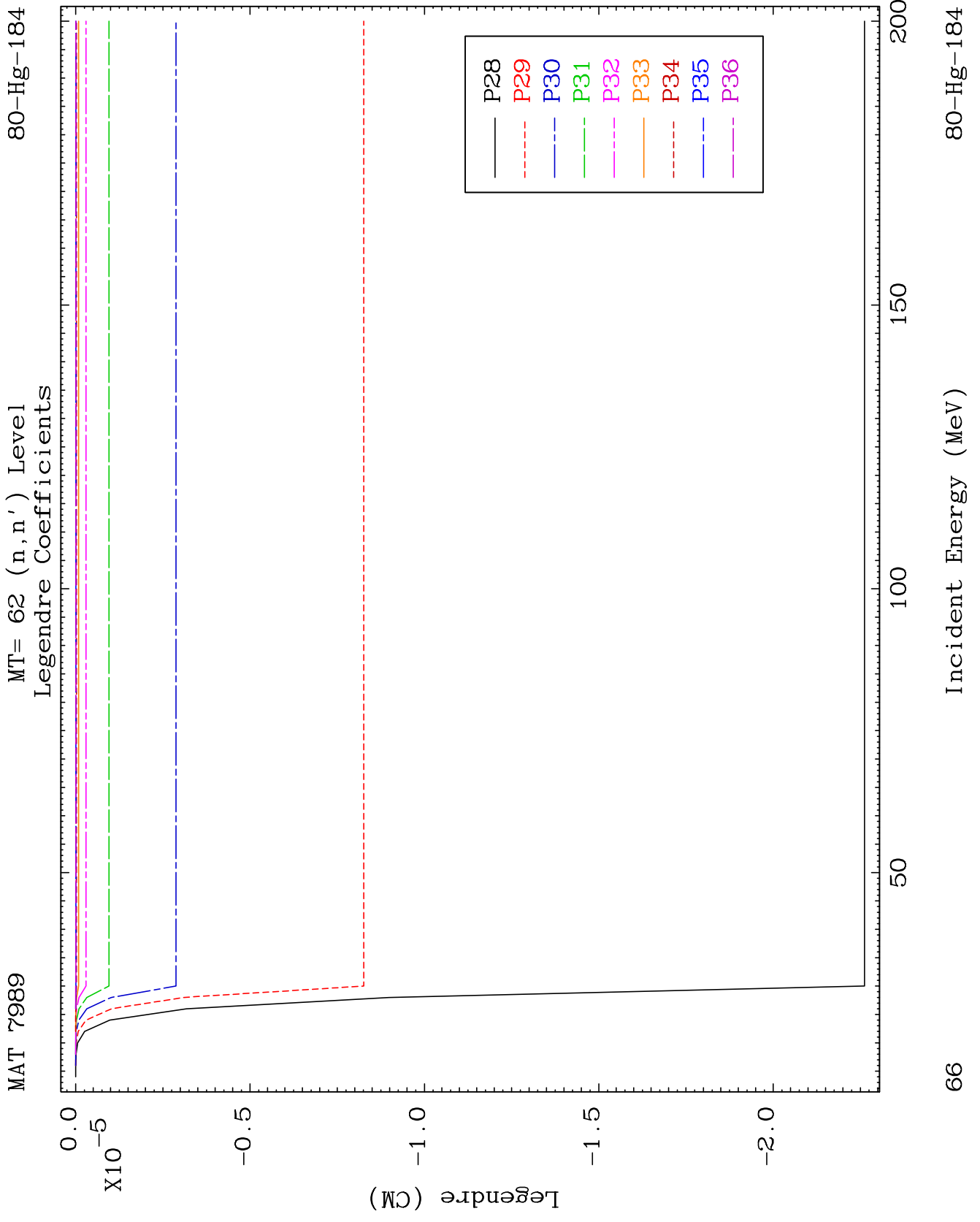
80-Hg-184



65

Incident Energy (MeV)

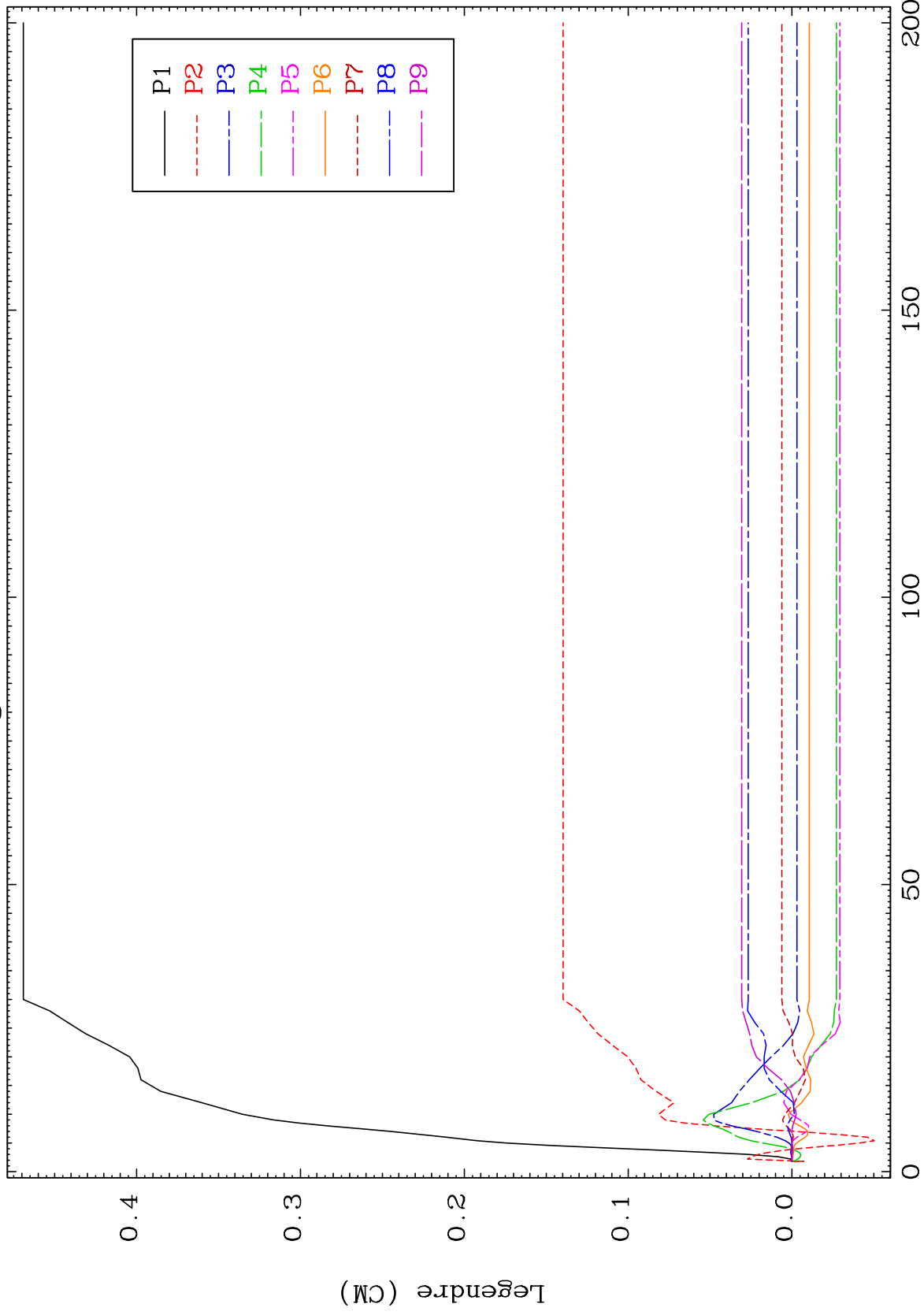
80-Hg-184



MAT 7989

MT= 63 (n,n') Level
Legendre Coefficients

80-Hg-184



67

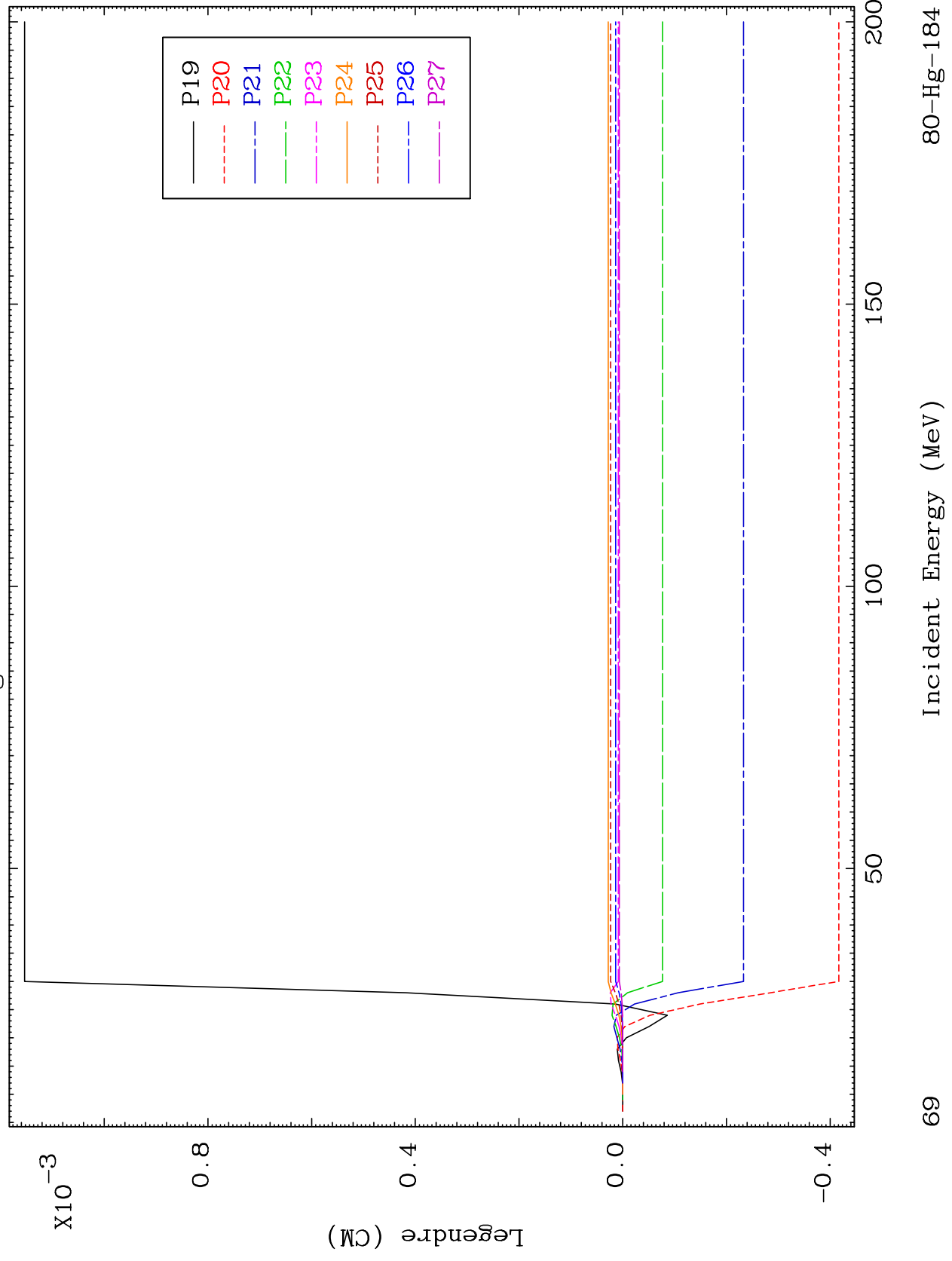
Incident Energy (MeV)

80-Hg-184

MAT 7989

MT= 63 (n,n') Level
Legendre Coefficients

80-Hg-184



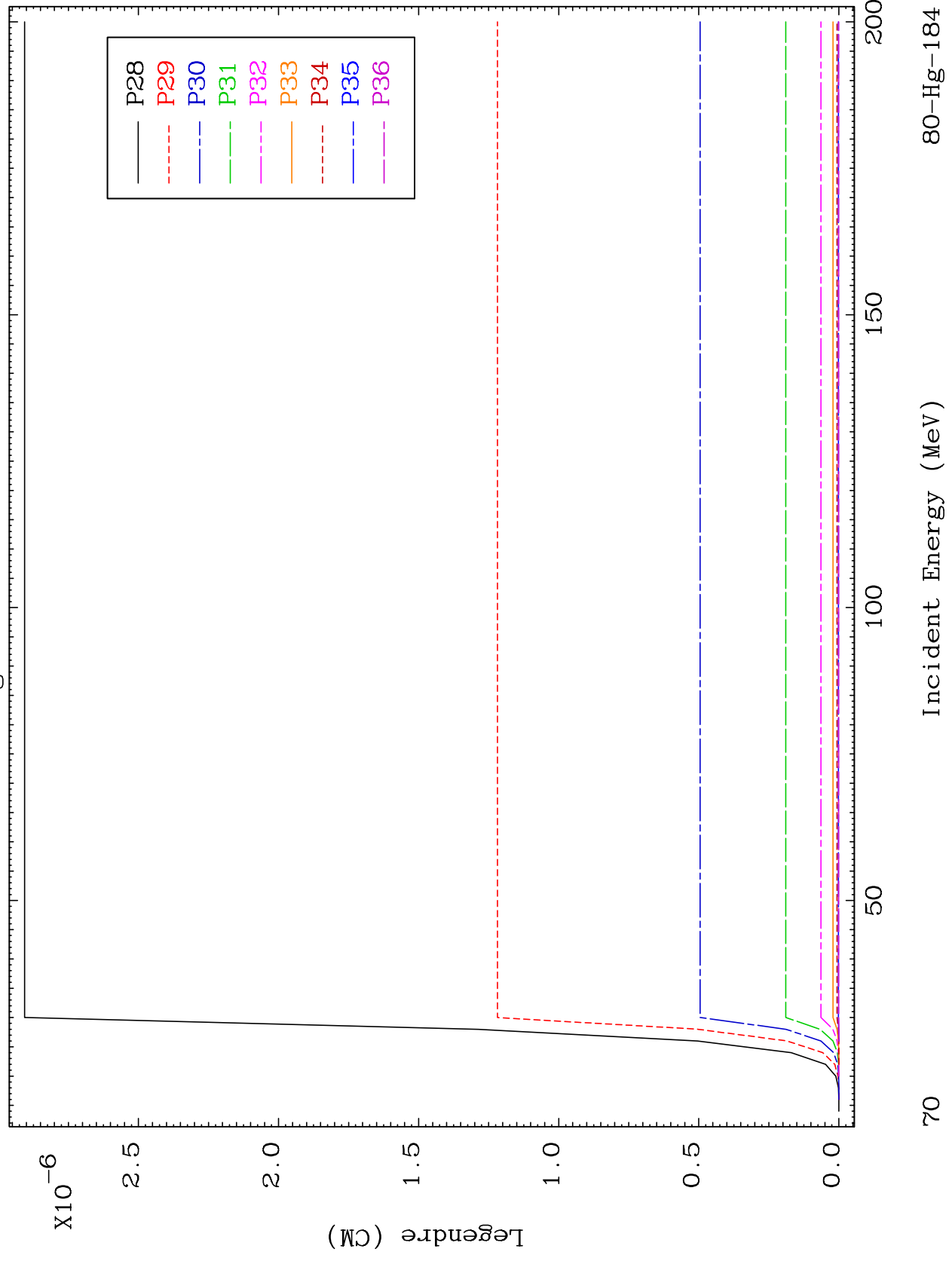
69

80-Hg-184

MAT 7989

MT= 63 (n,n') Level
Legendre Coefficients

80-Hg-184



70

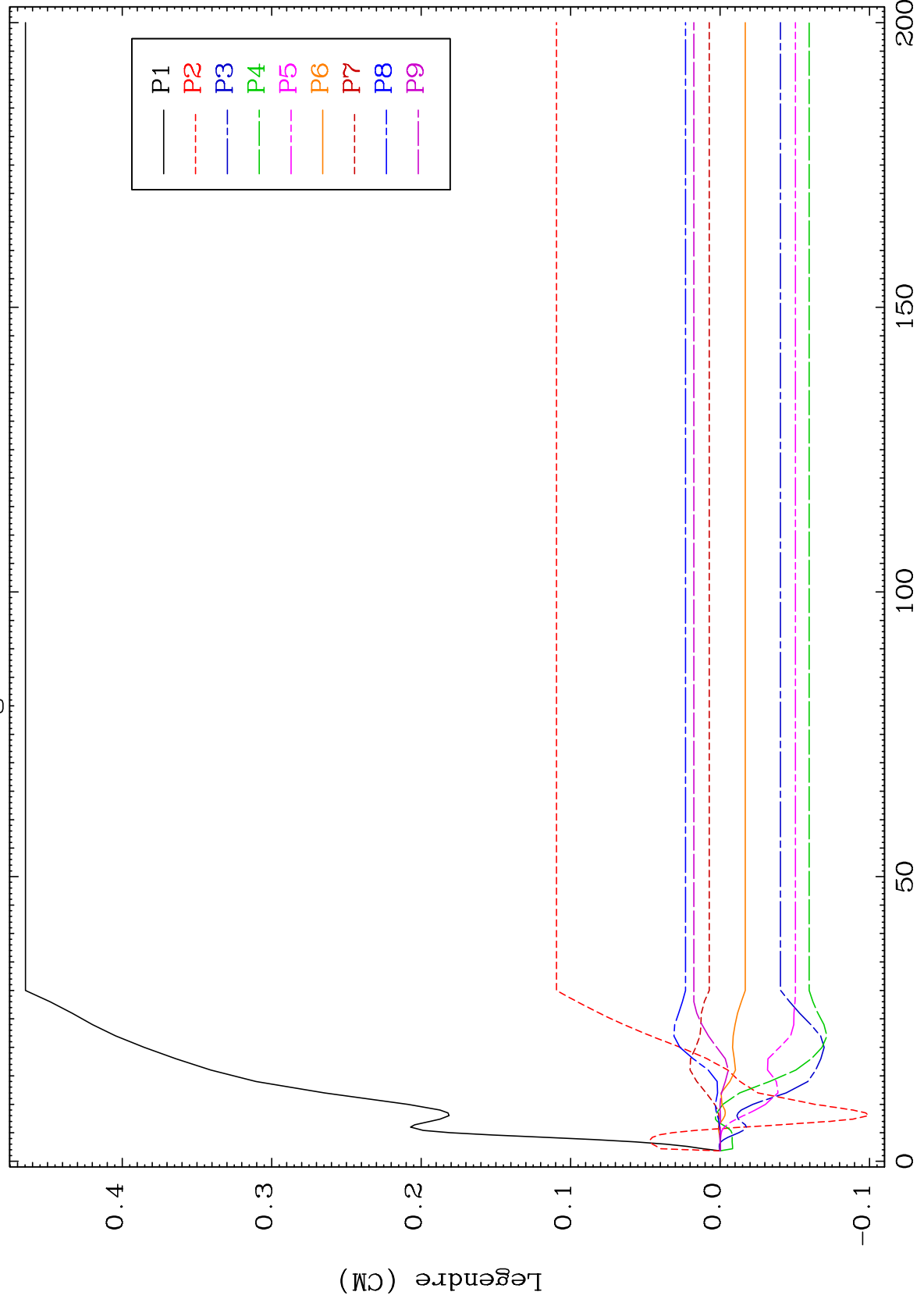
Incident Energy (MeV)

80-Hg-184

MAT 7989

MT= 64 (n,n') Level
Legendre Coefficients

80-Hg-184



71

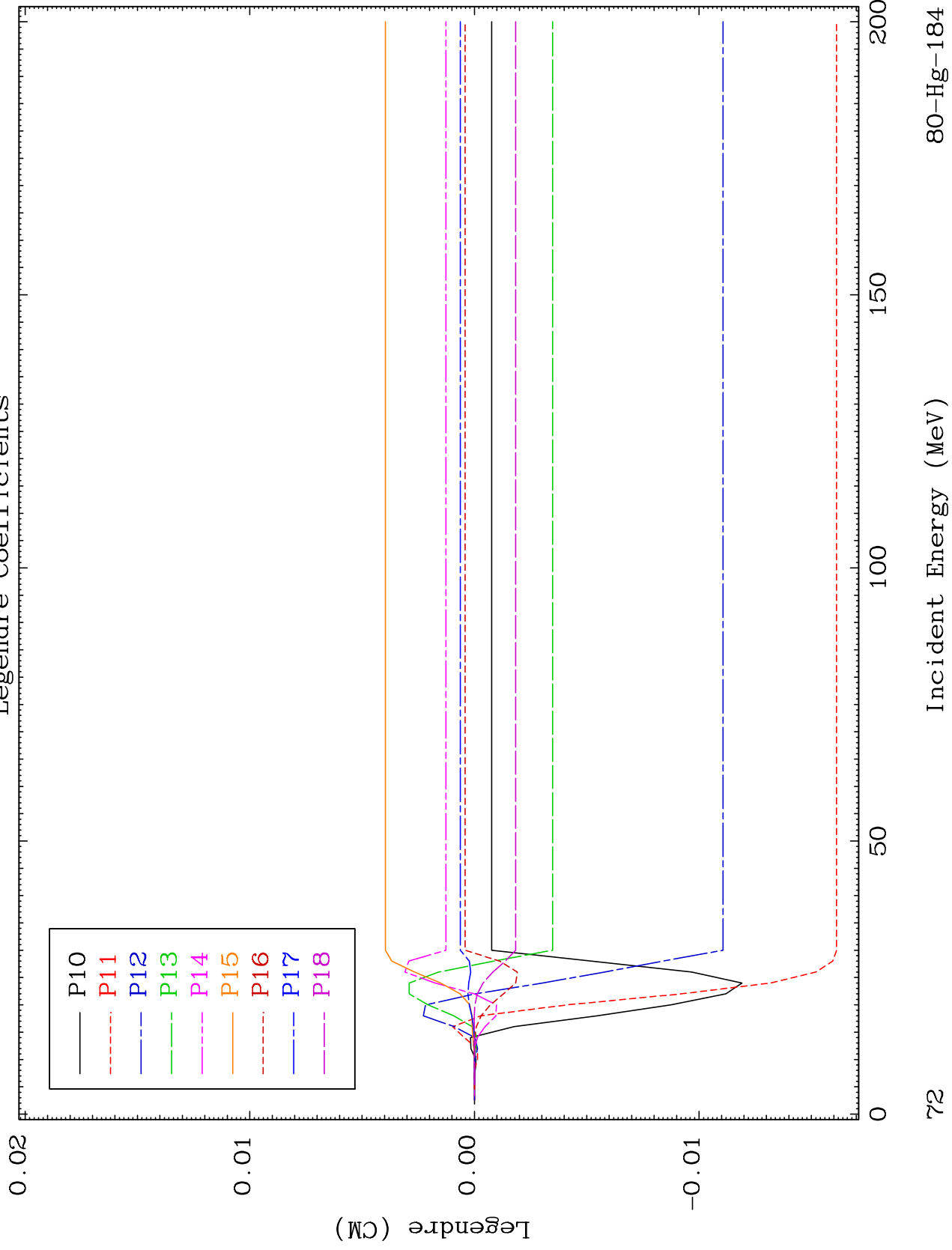
Incident Energy (MeV)

80-Hg-184

MAT 7989

MT= 64 (n,n') Level
Legendre Coefficients

80-Hg-184



80-Hg-184

Incident Energy (MeV)

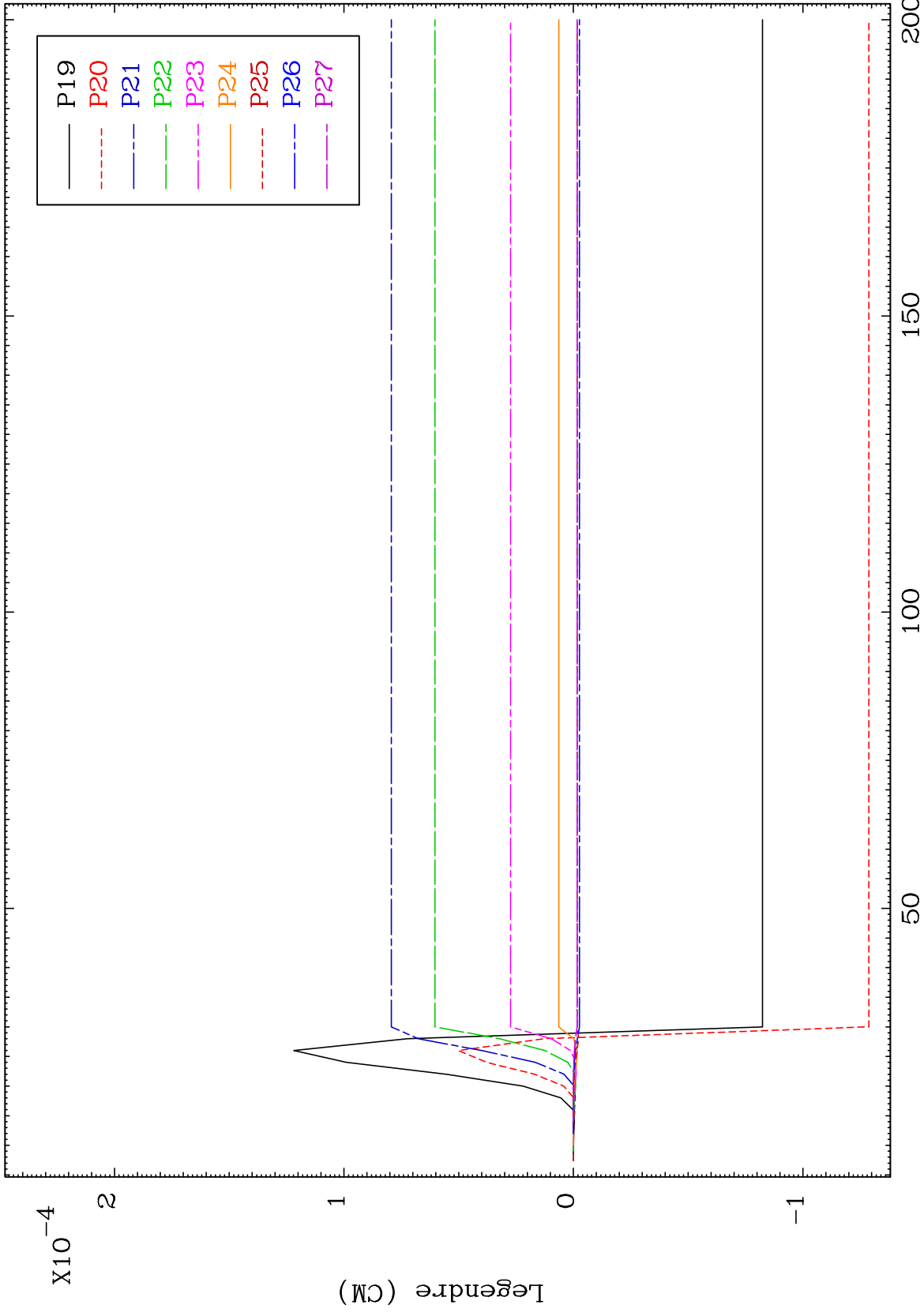
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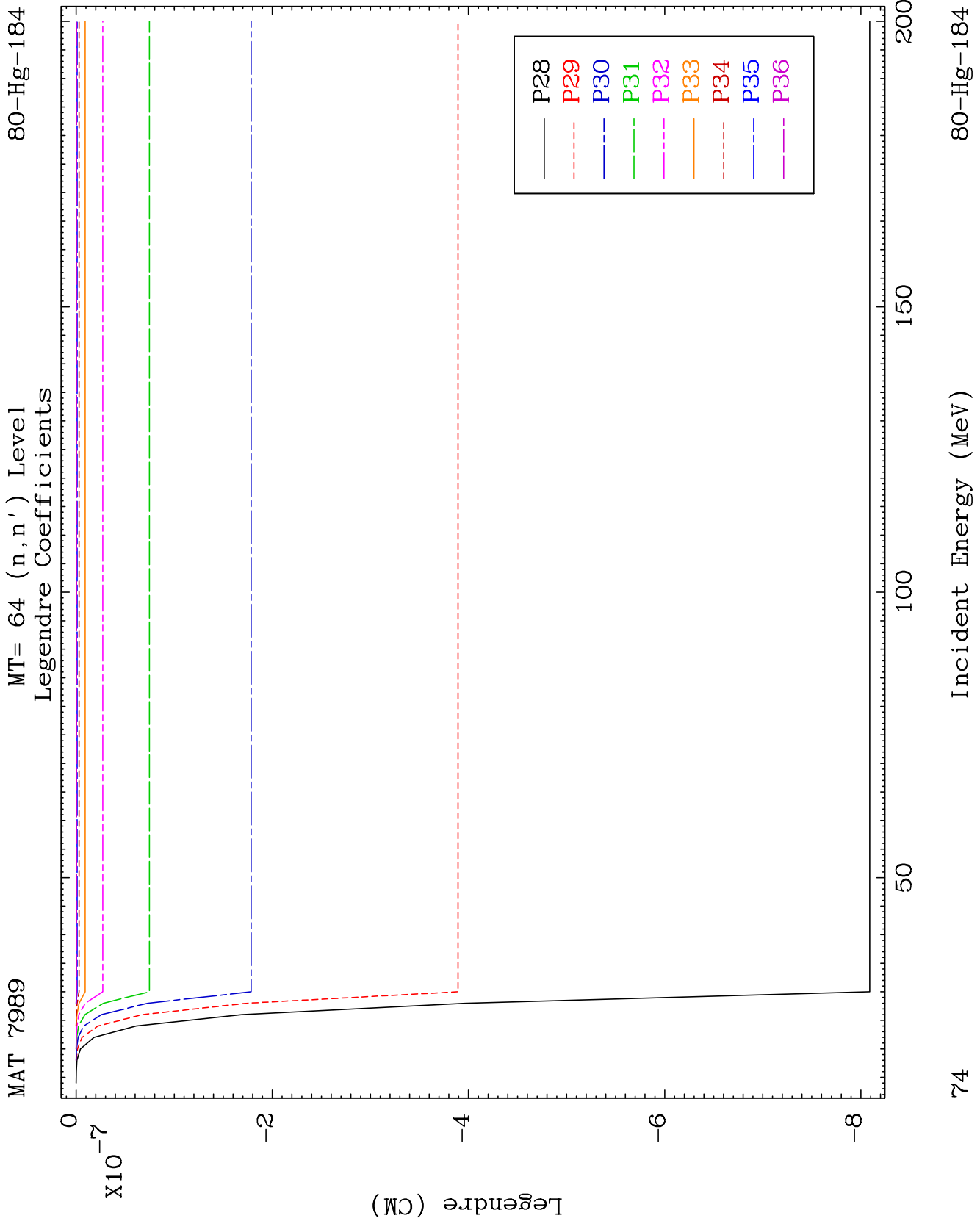
MAT 7989

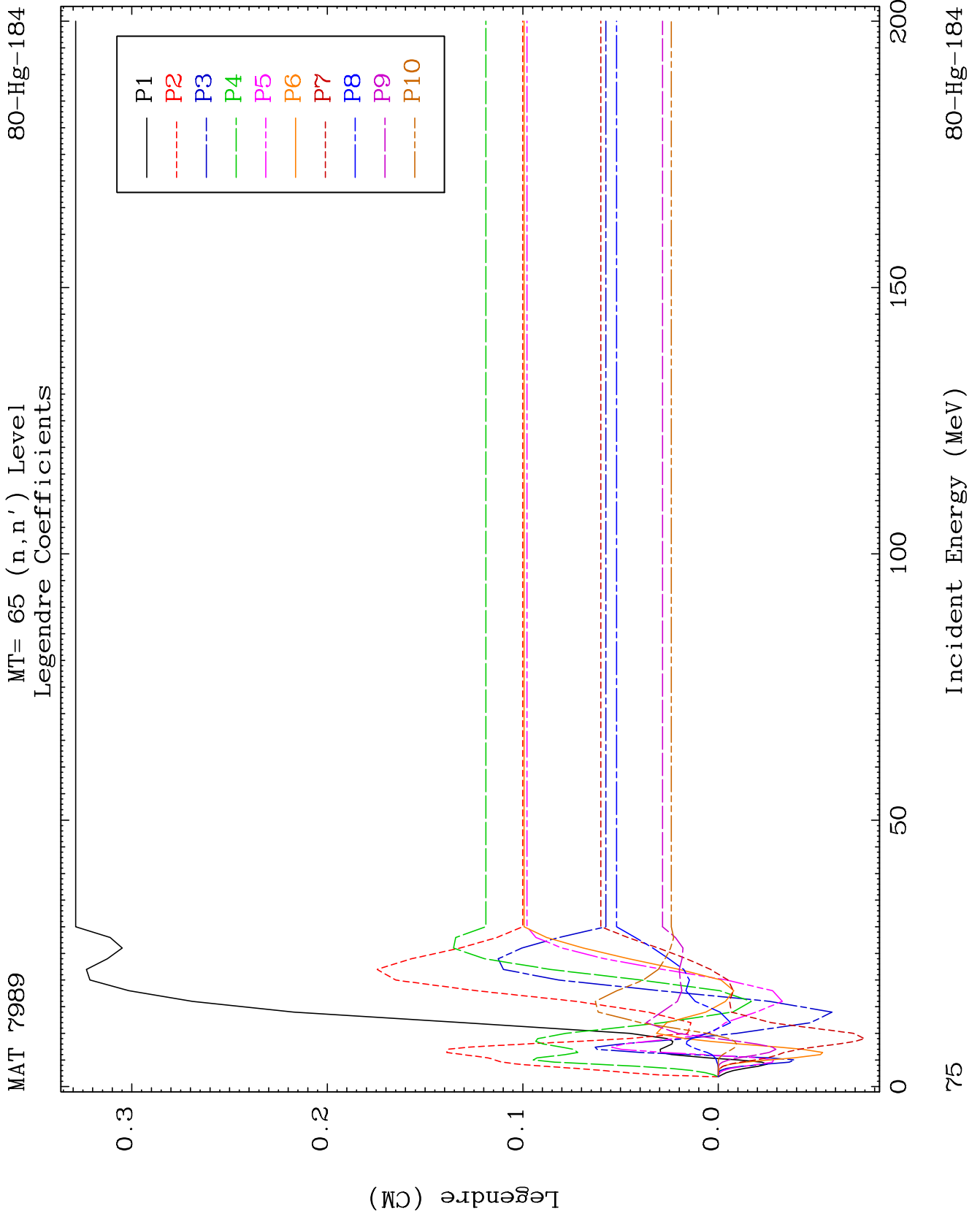
MT= 64 (n,n') Level
Legendre Coefficients

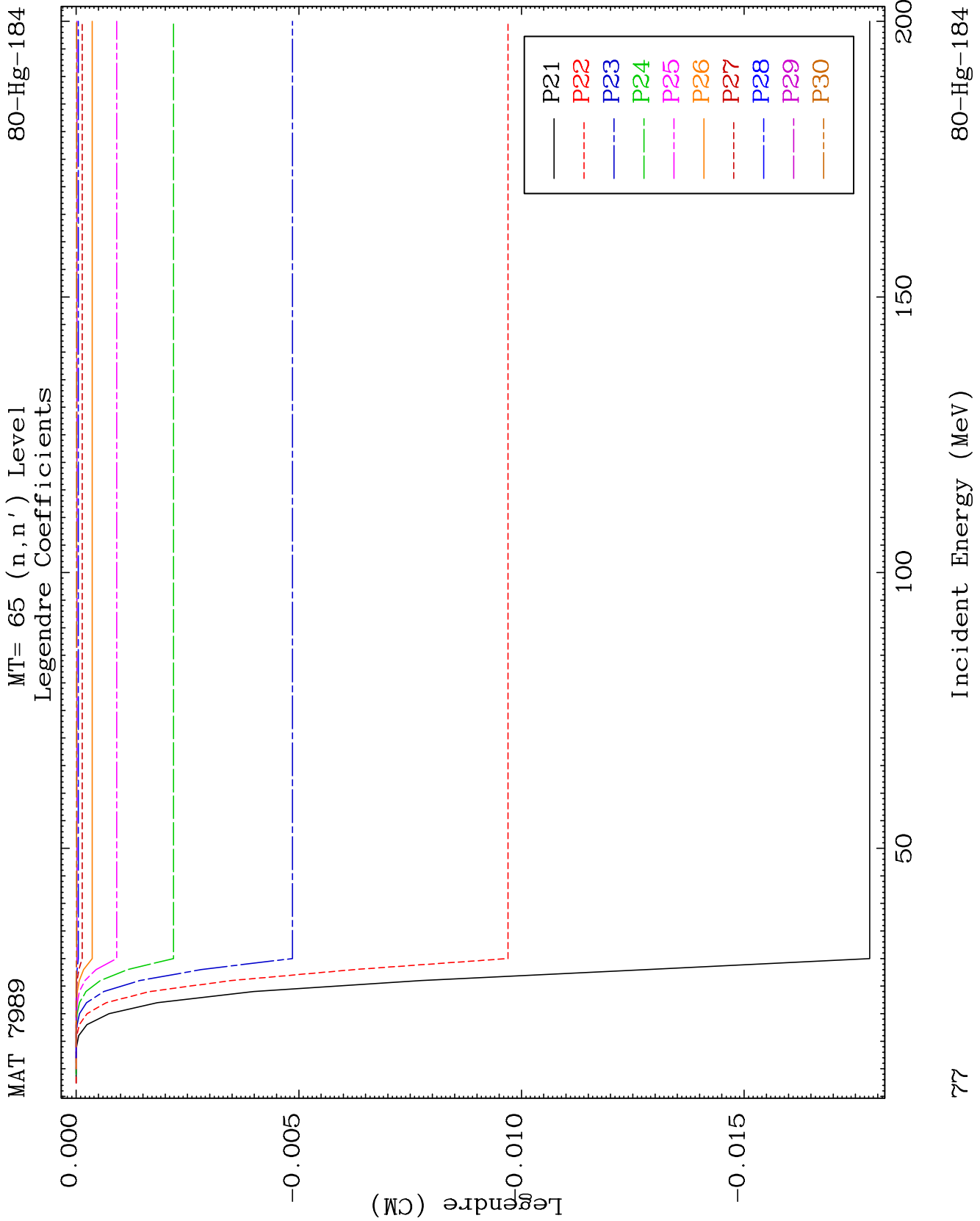
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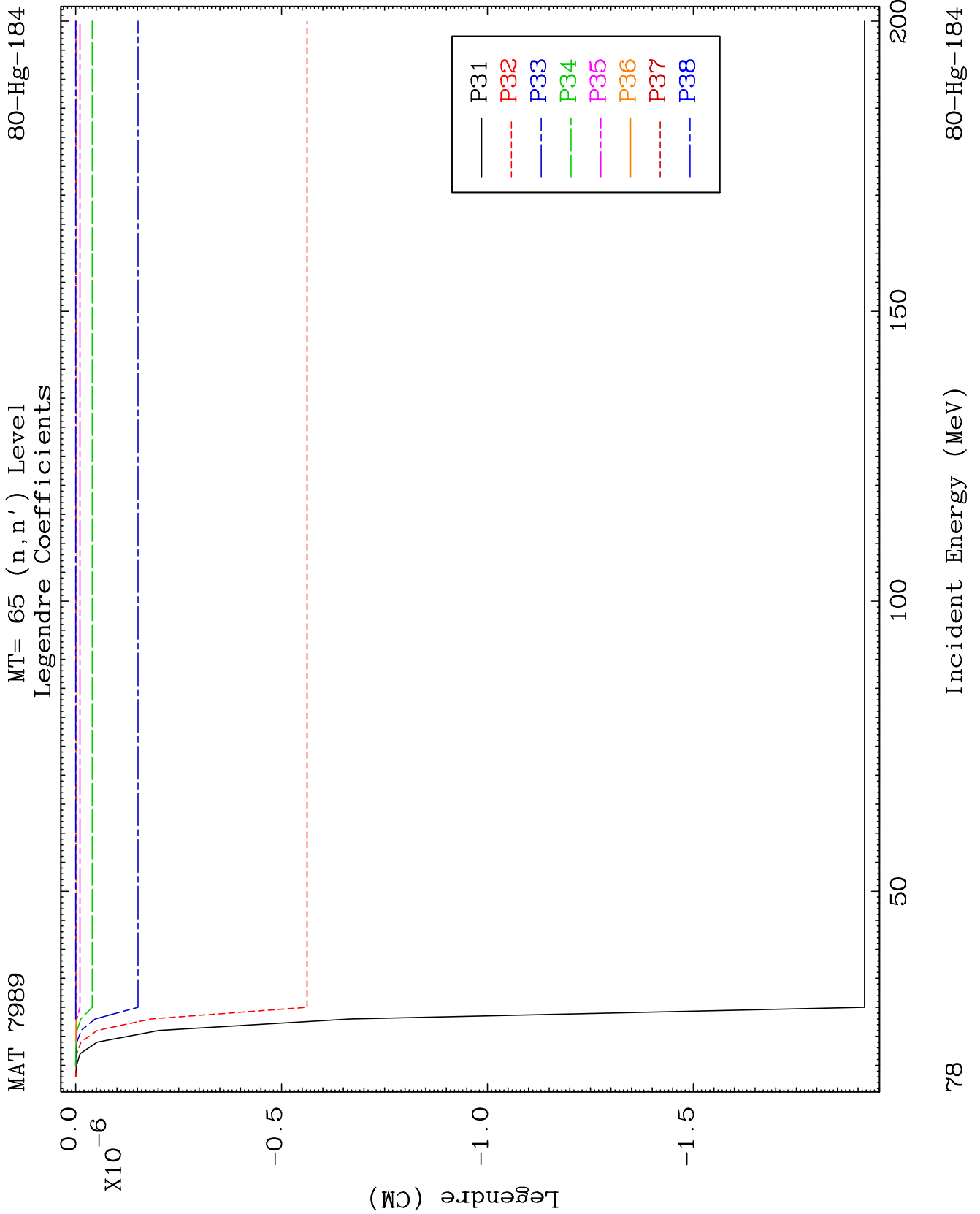
$\times 10^{-4}$









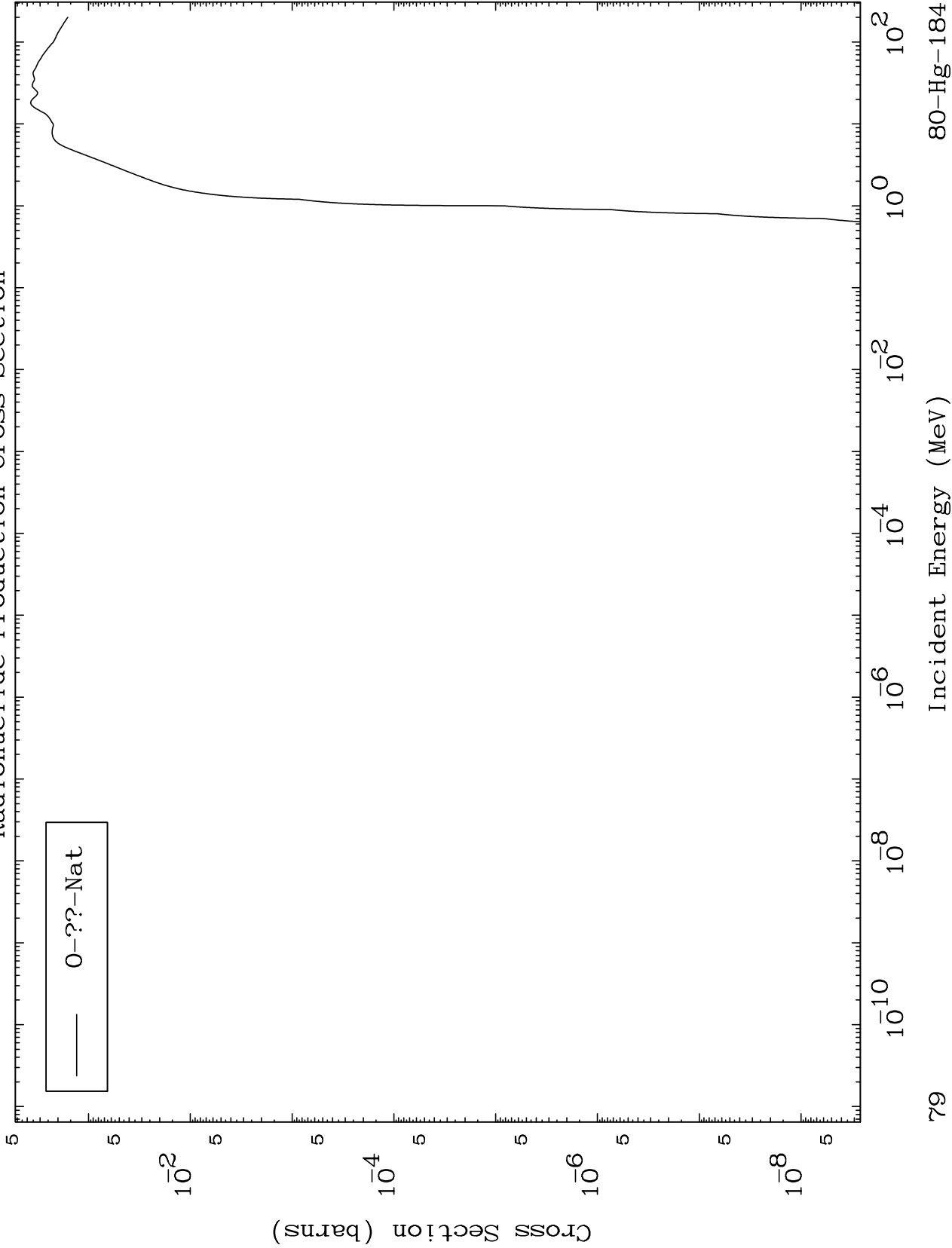


MAT 7989

Fission

80-Hg-184

Radionuclide Production Cross Section

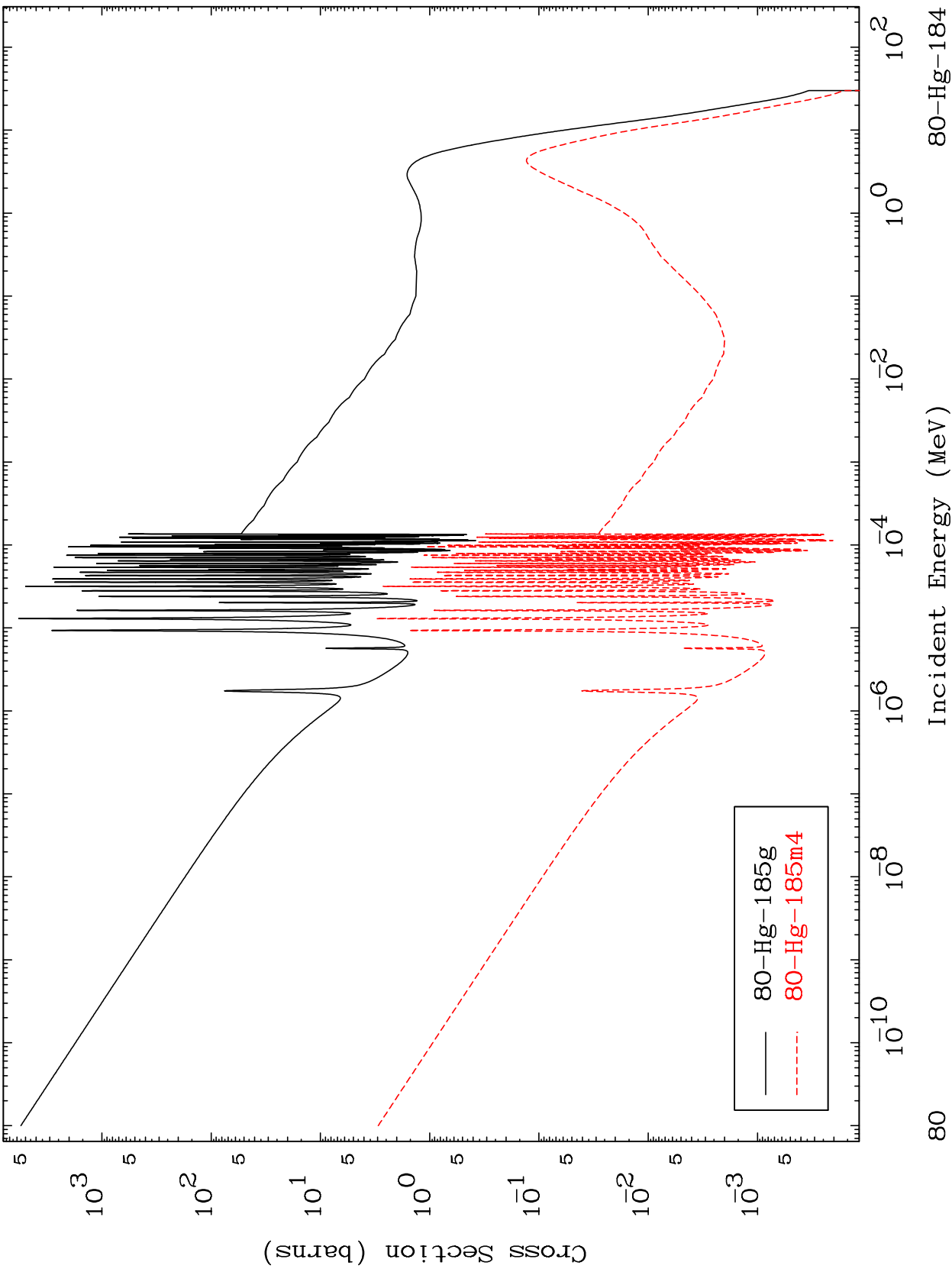


0-??-Nat

MAT 7989

80-Hg-184

(n, γ)
Radionuclide Production Cross Section

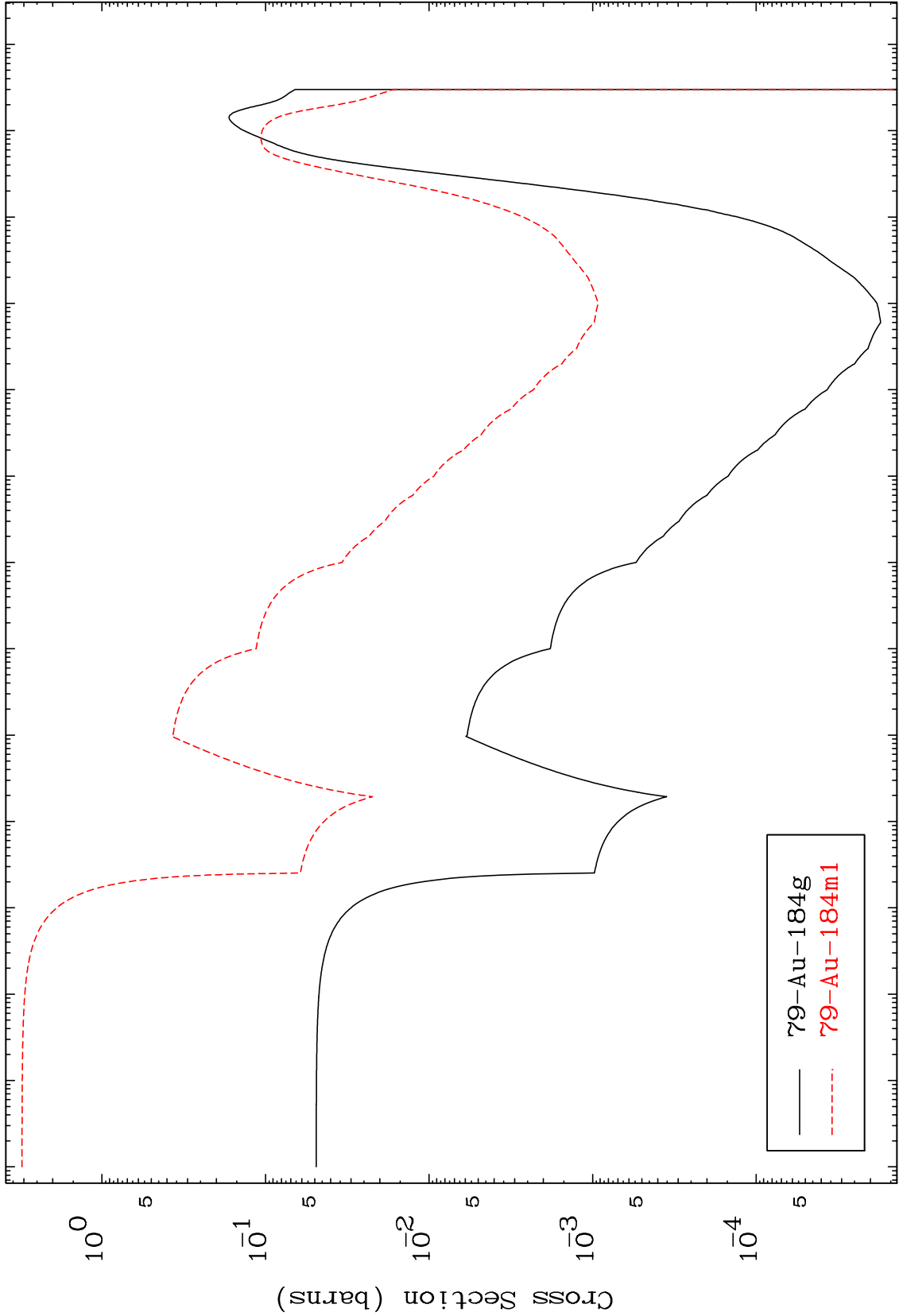


MAT 7989

80-Hg-184

Radionuclide Production Cross Section

(n,p)



80-Hg-184

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

80-Hg-184

81

MAT 7989

(n,2p)

80-Hg-184

Radionuclide Production Cross Section

