

Program EVALPLOT
(Version 2021-1)

by

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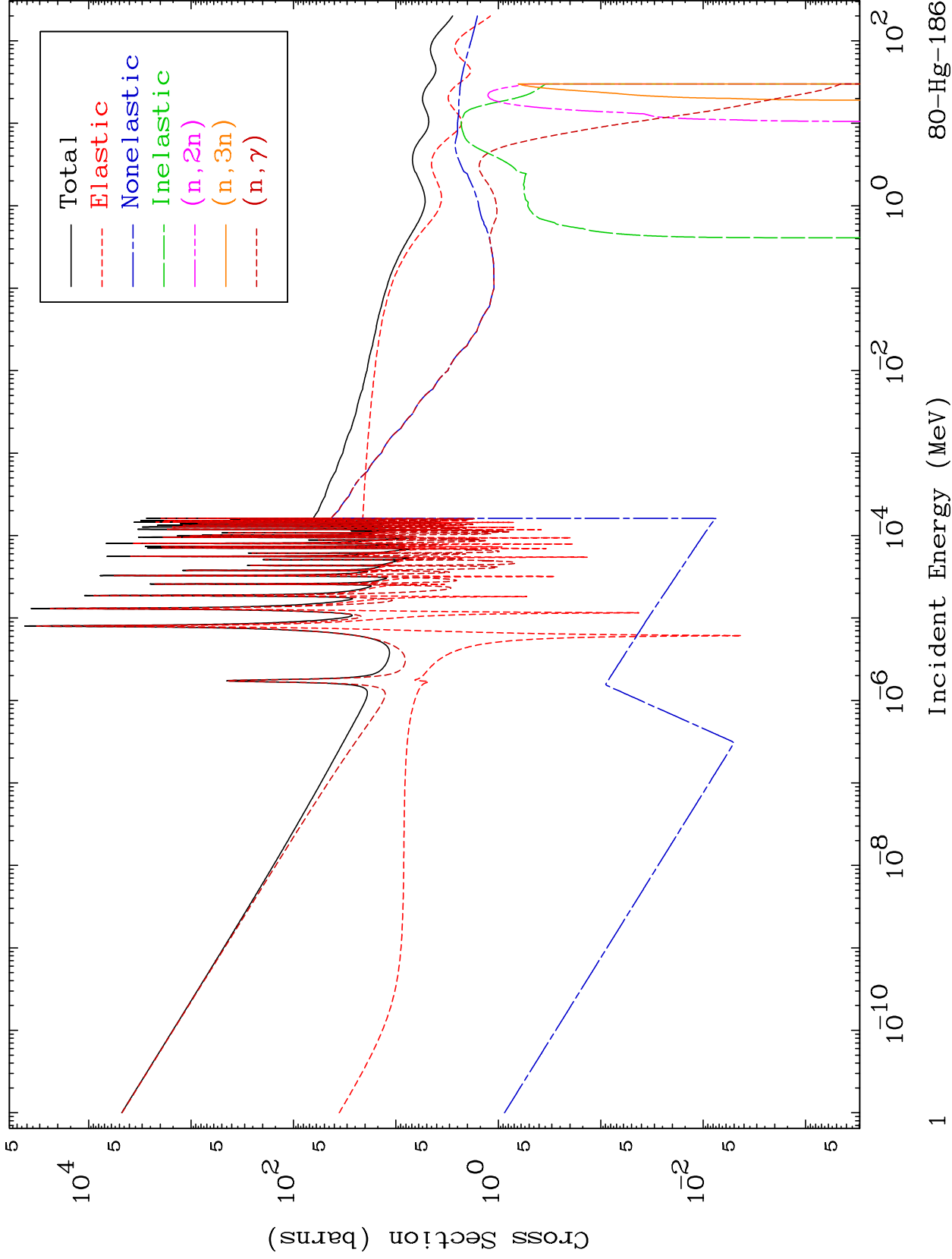
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7995

Neutron Major
293 Kelvin Cross Sections

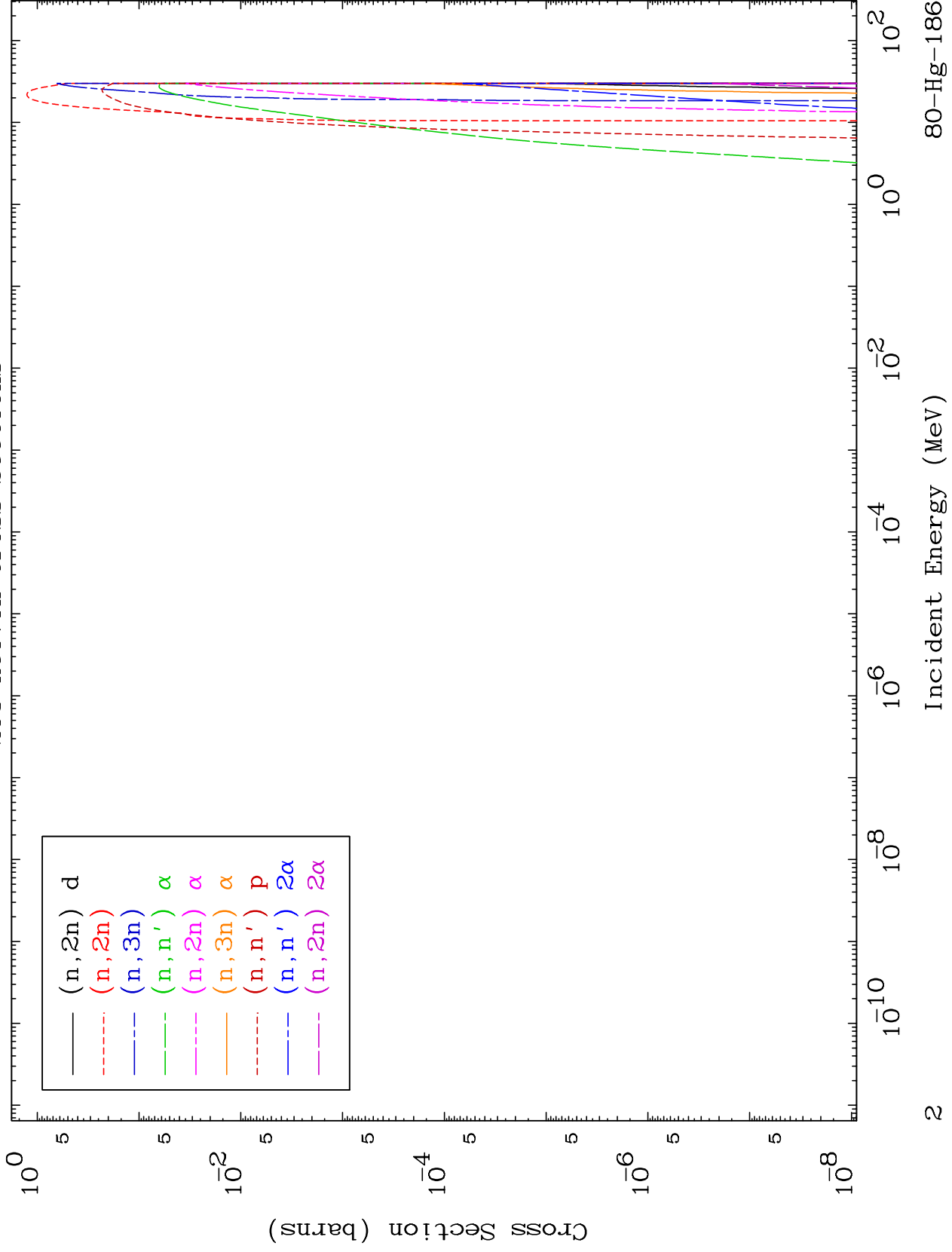
80-Hg-186



MAT 7995

Neutron Absorption
293 Kelvin Cross Sections

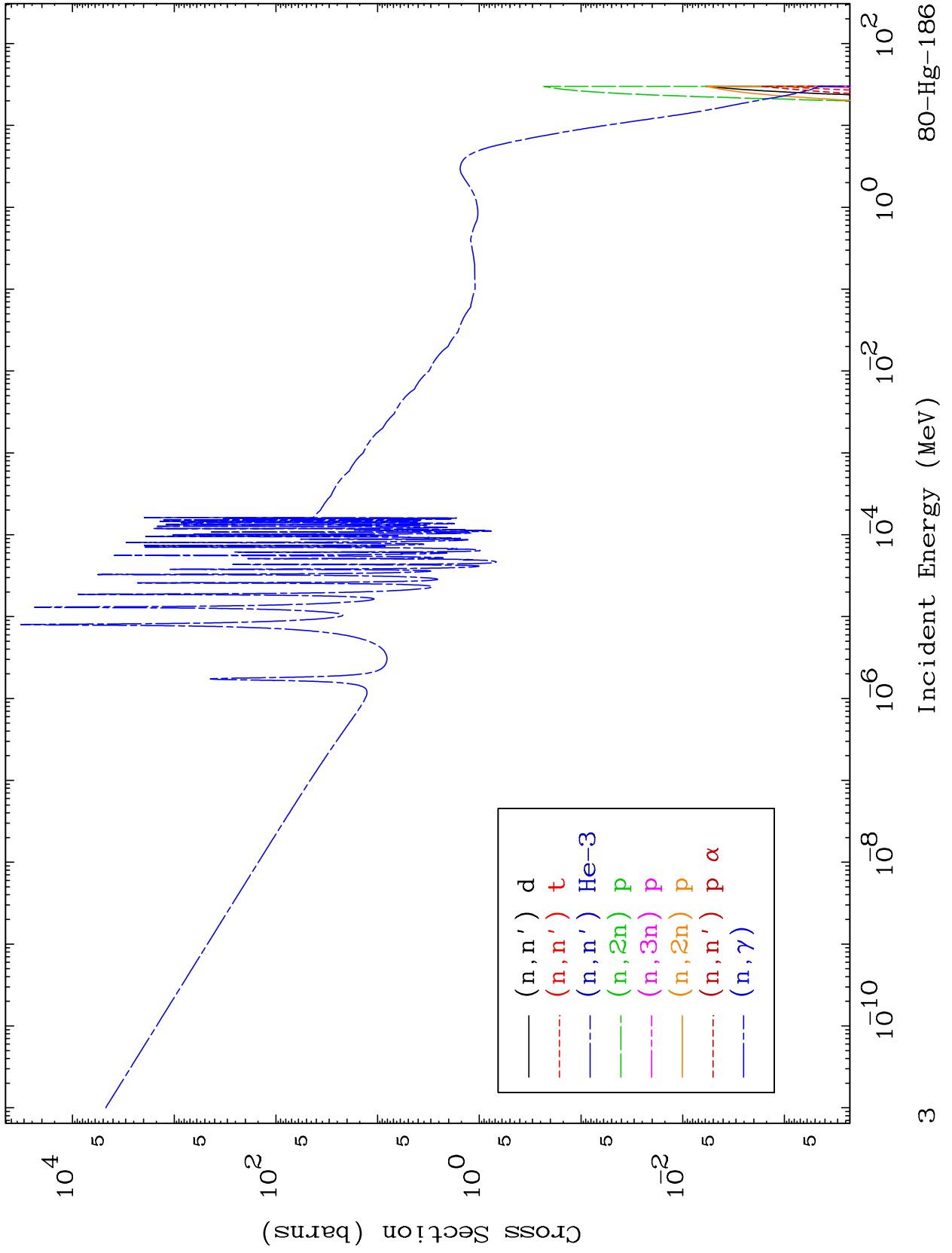
80-Hg-186



MAT 7995

Neutron Absorption
293 Kelvin Cross Sections

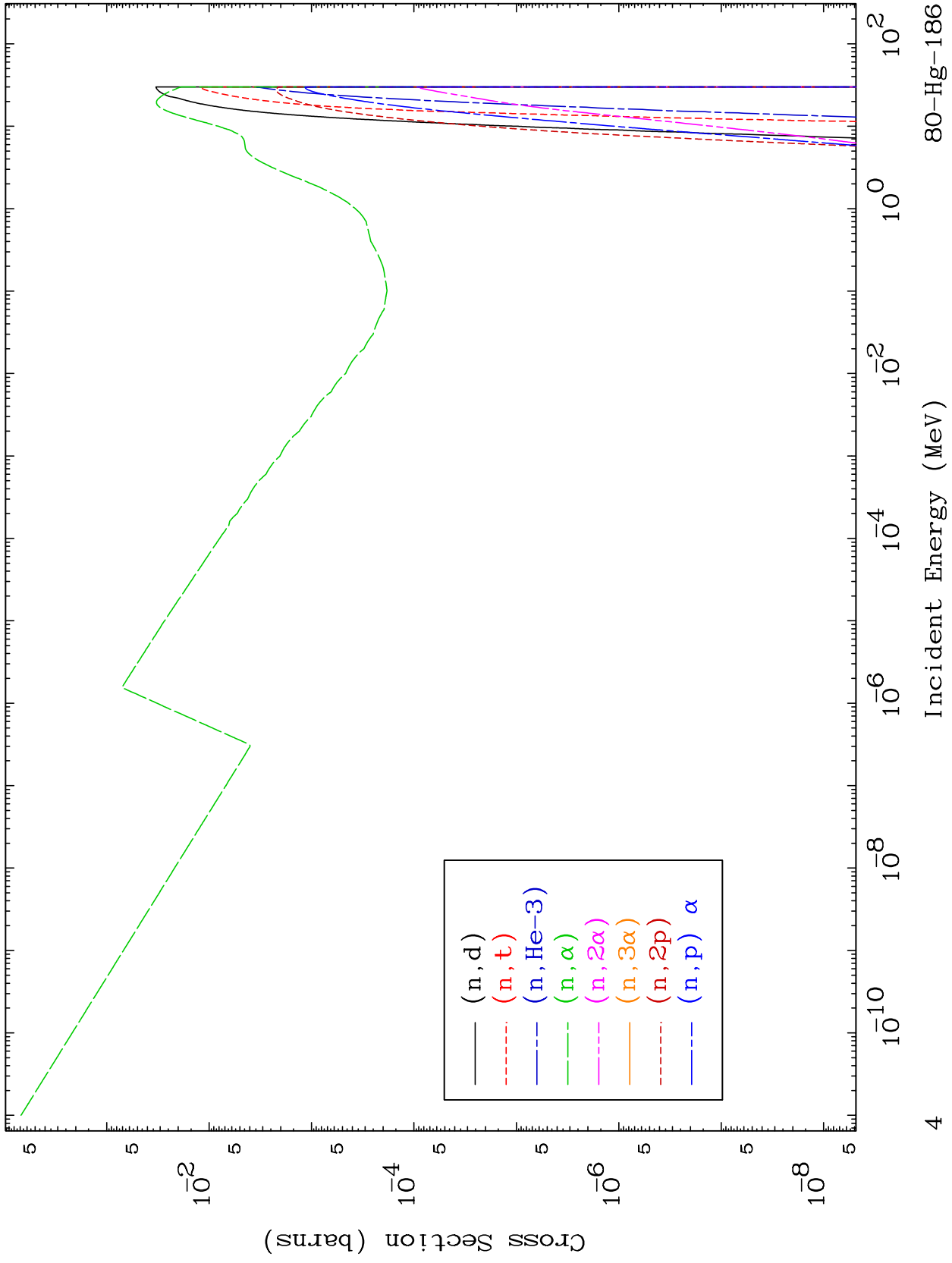
80-Hg-186



MAT 7995

Neutron Absorption
293 Kelvin Cross Sections

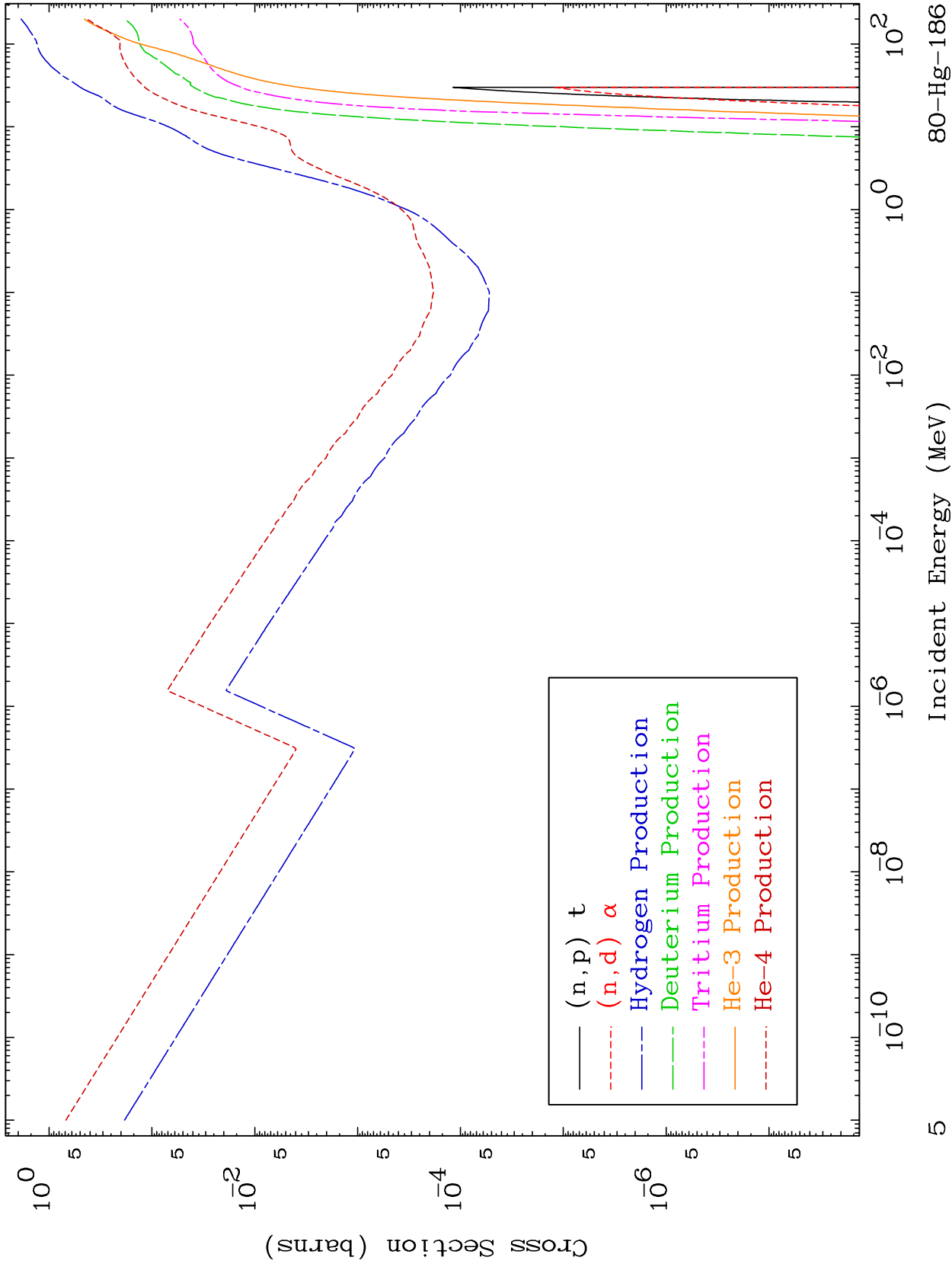
80-Hg-186



MAT 7995

Neutron Absorption
293 Kelvin Cross Sections

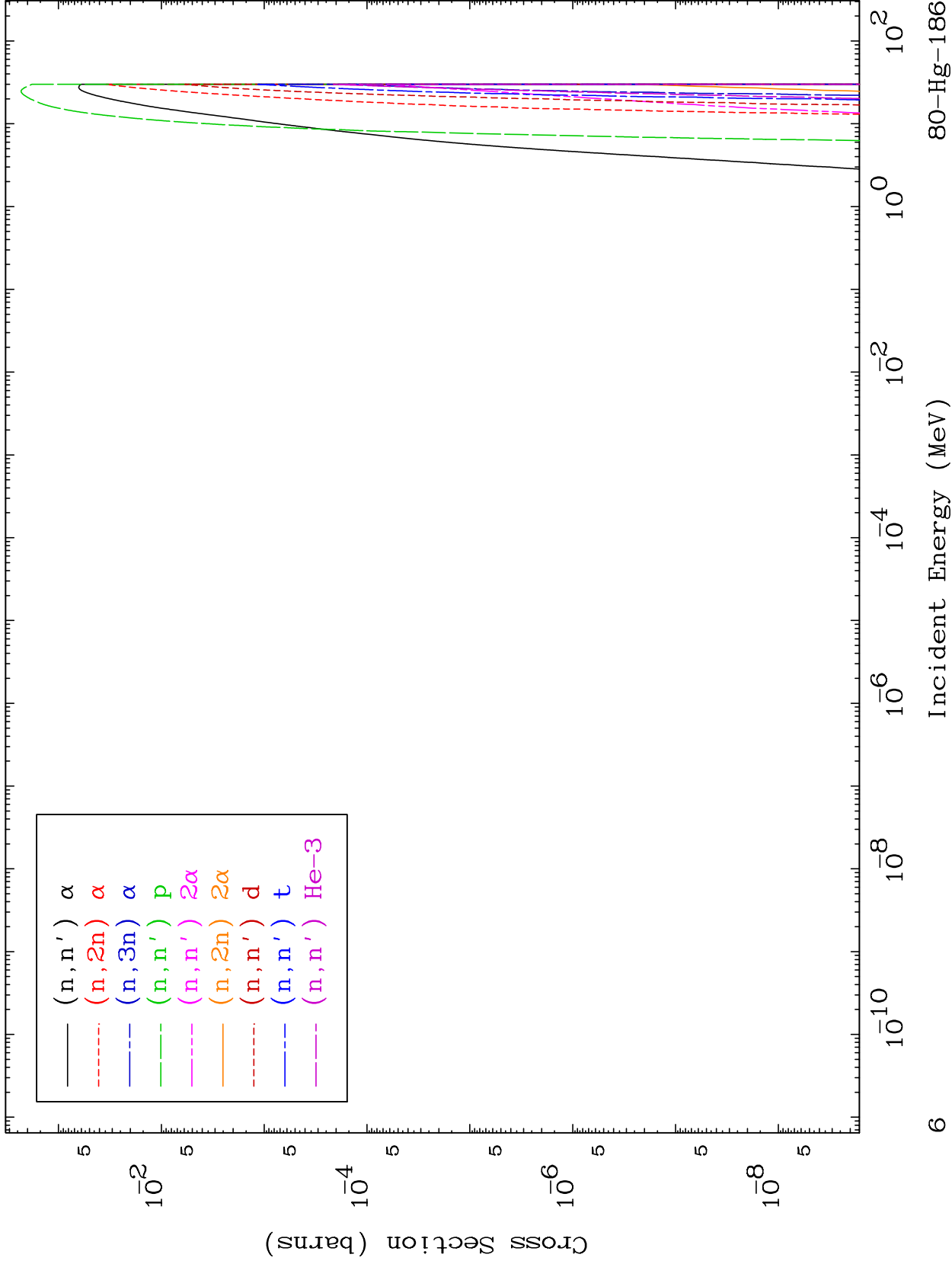
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MAT 7995

Charged Particle
293 Kelvin Cross Sections

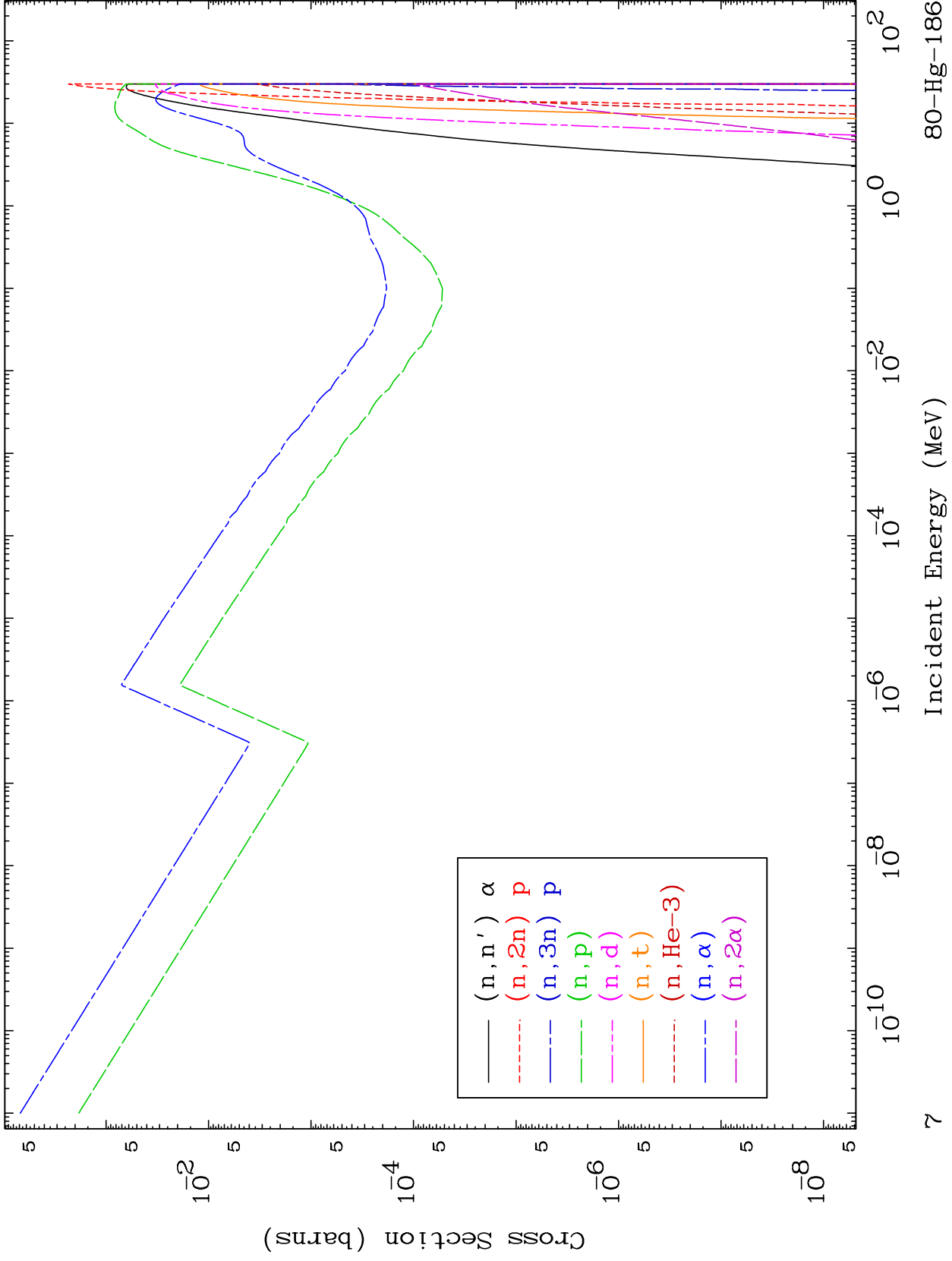
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MAT 7995

Charged Particle
293 Kelvin Cross Sections

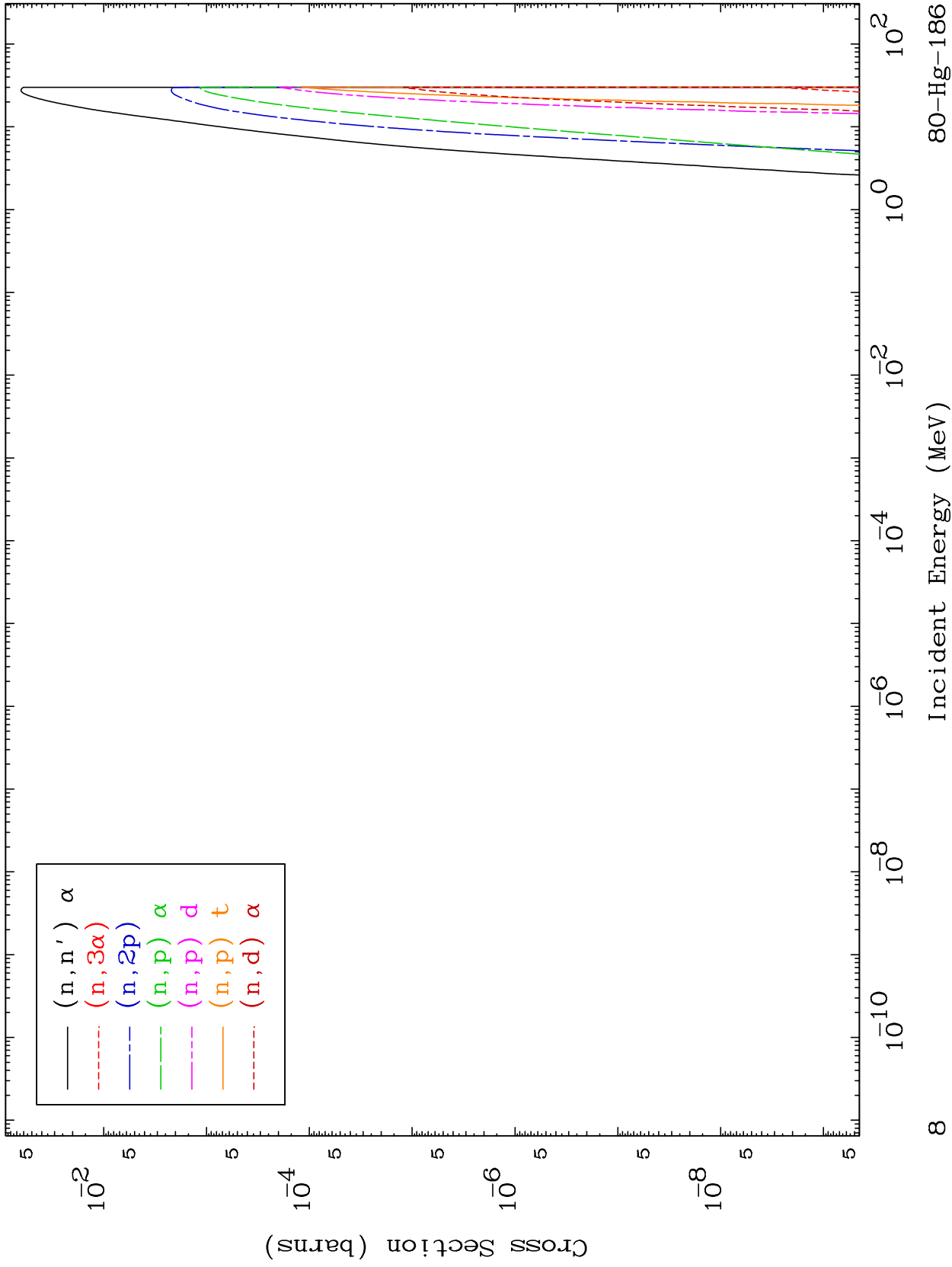
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MAT 7995

Charged Particle
293 Kelvin Cross Sections

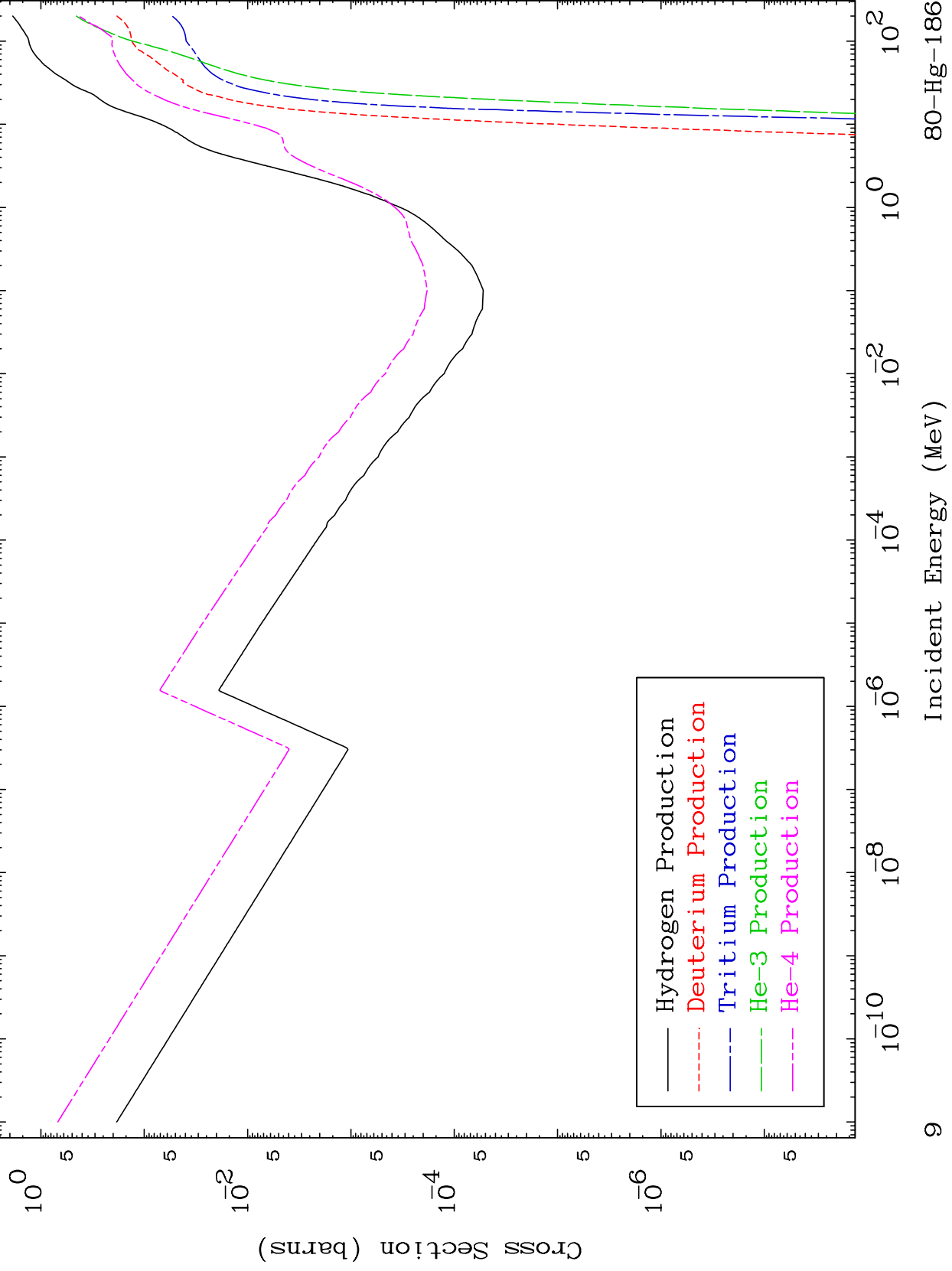
80-Hg-186



MAT 7995

Particle Production
293 Kelvin Cross Sections

80-Hg-186

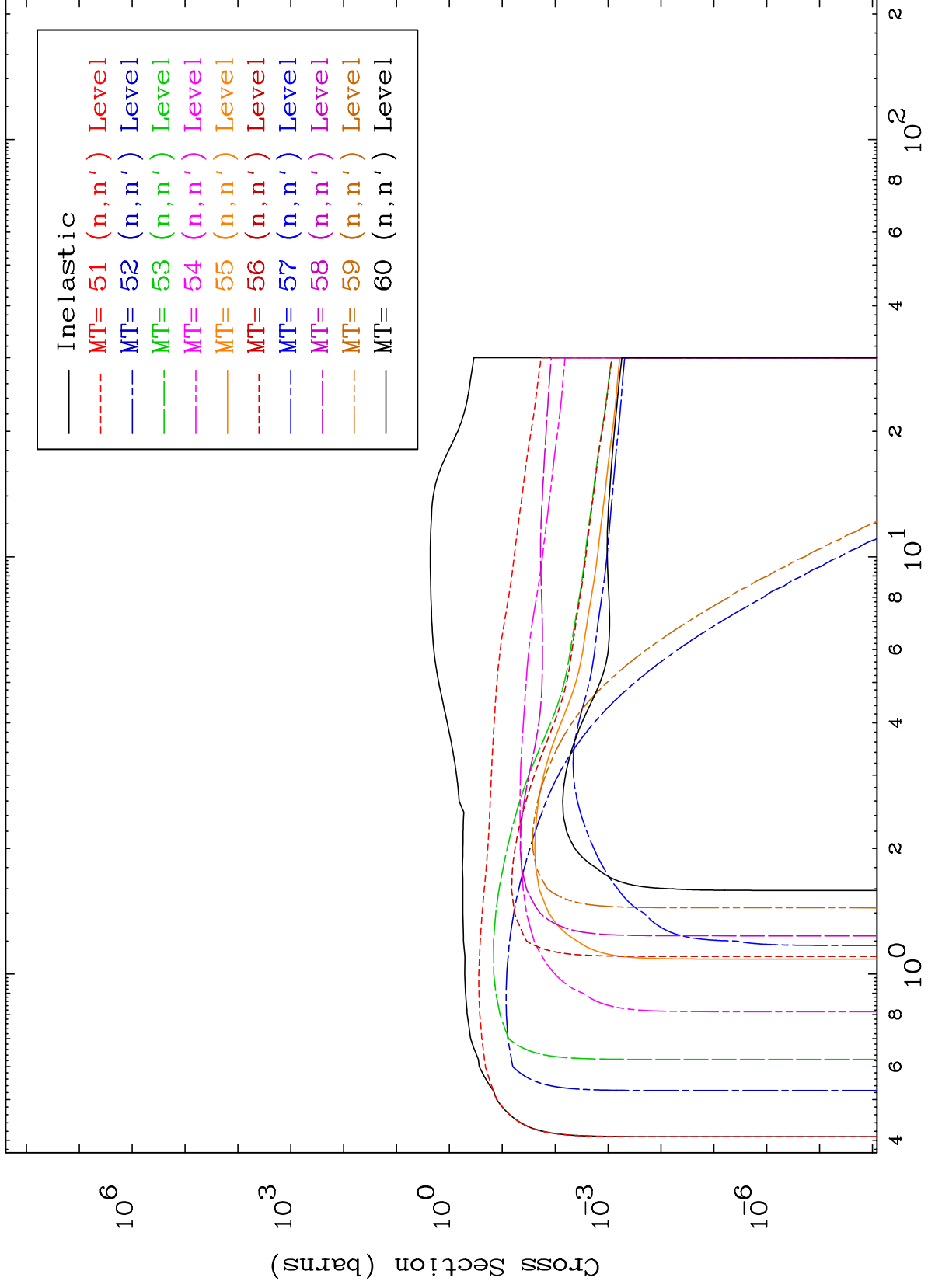


MAT 7995

(n,n') Levels

293 Kelvin Cross Sections

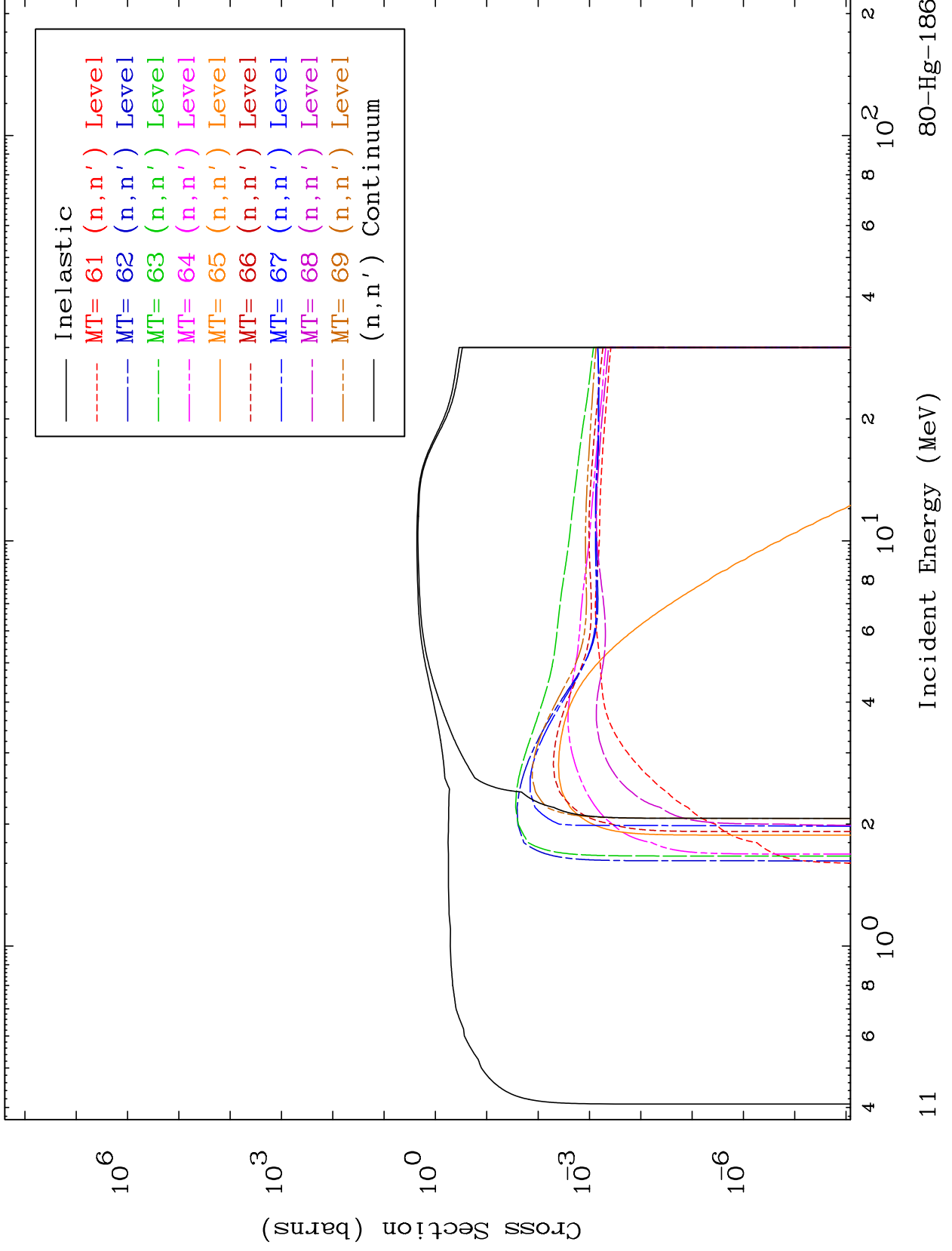
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10

Incident Energy (MeV)

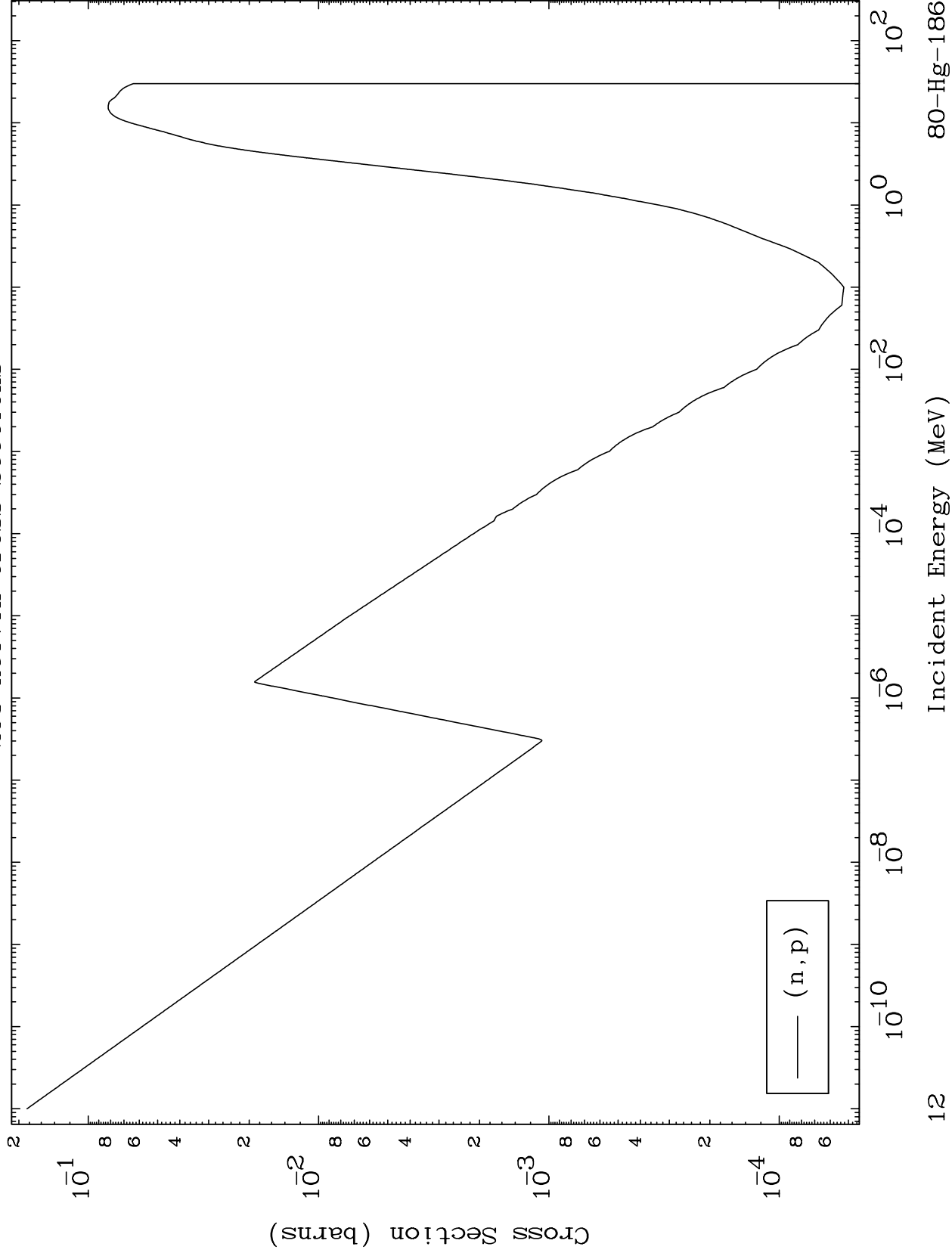
80-Hg-186



MAT 7995

(n,p) Levels
293 Kelvin Cross Sections

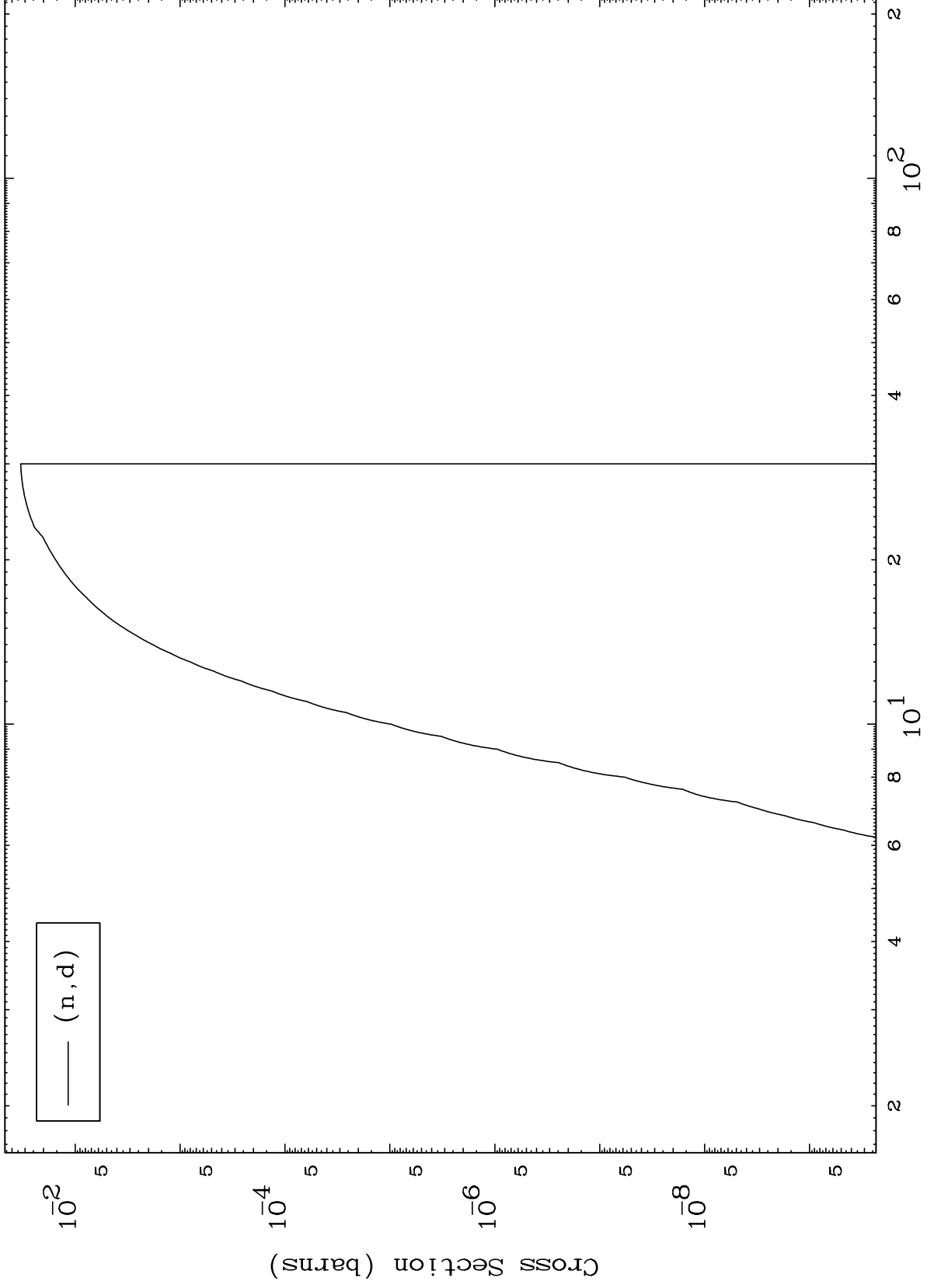
80-Hg-186



MAT 7995

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-186



13

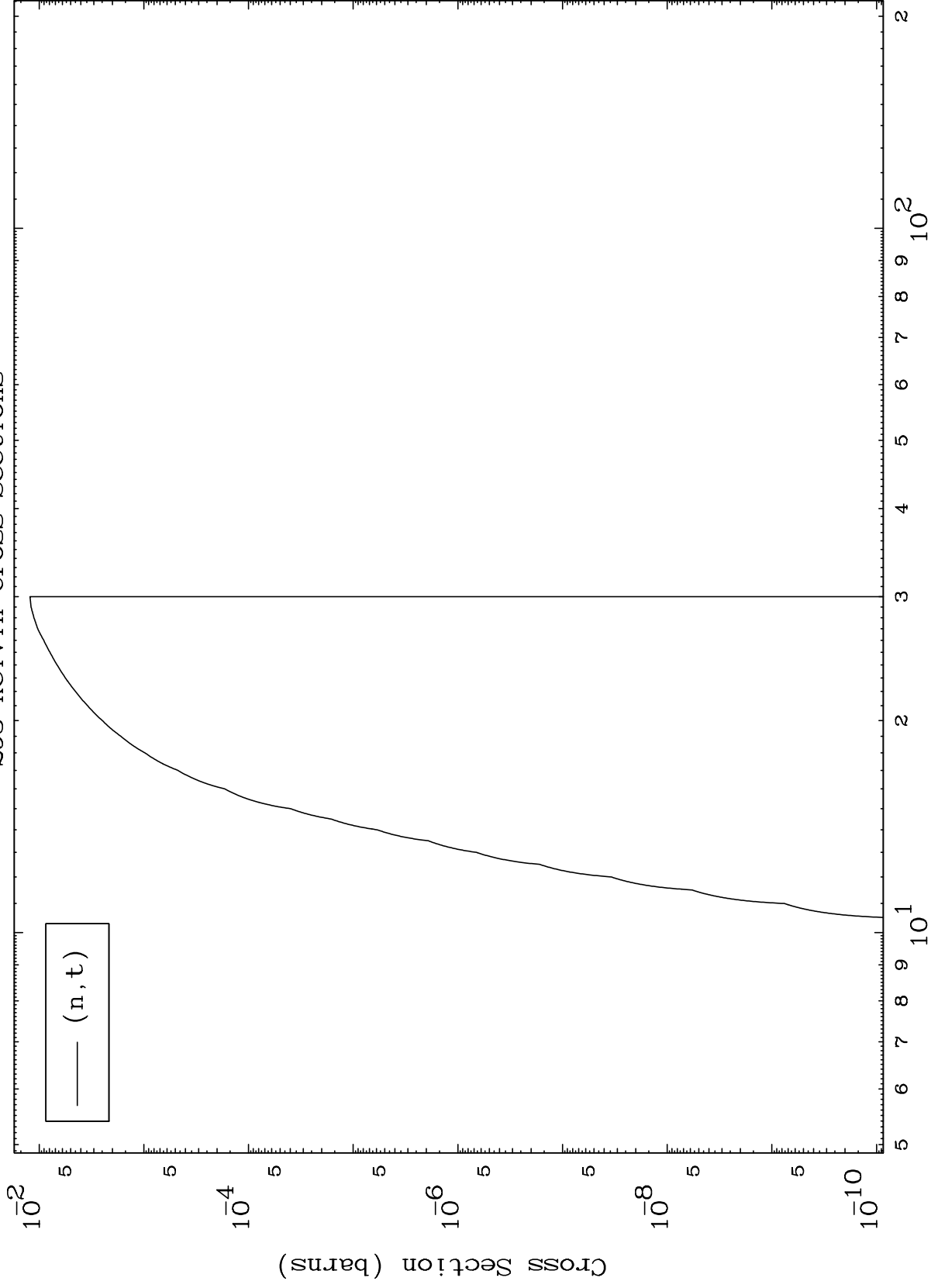
Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-186



14

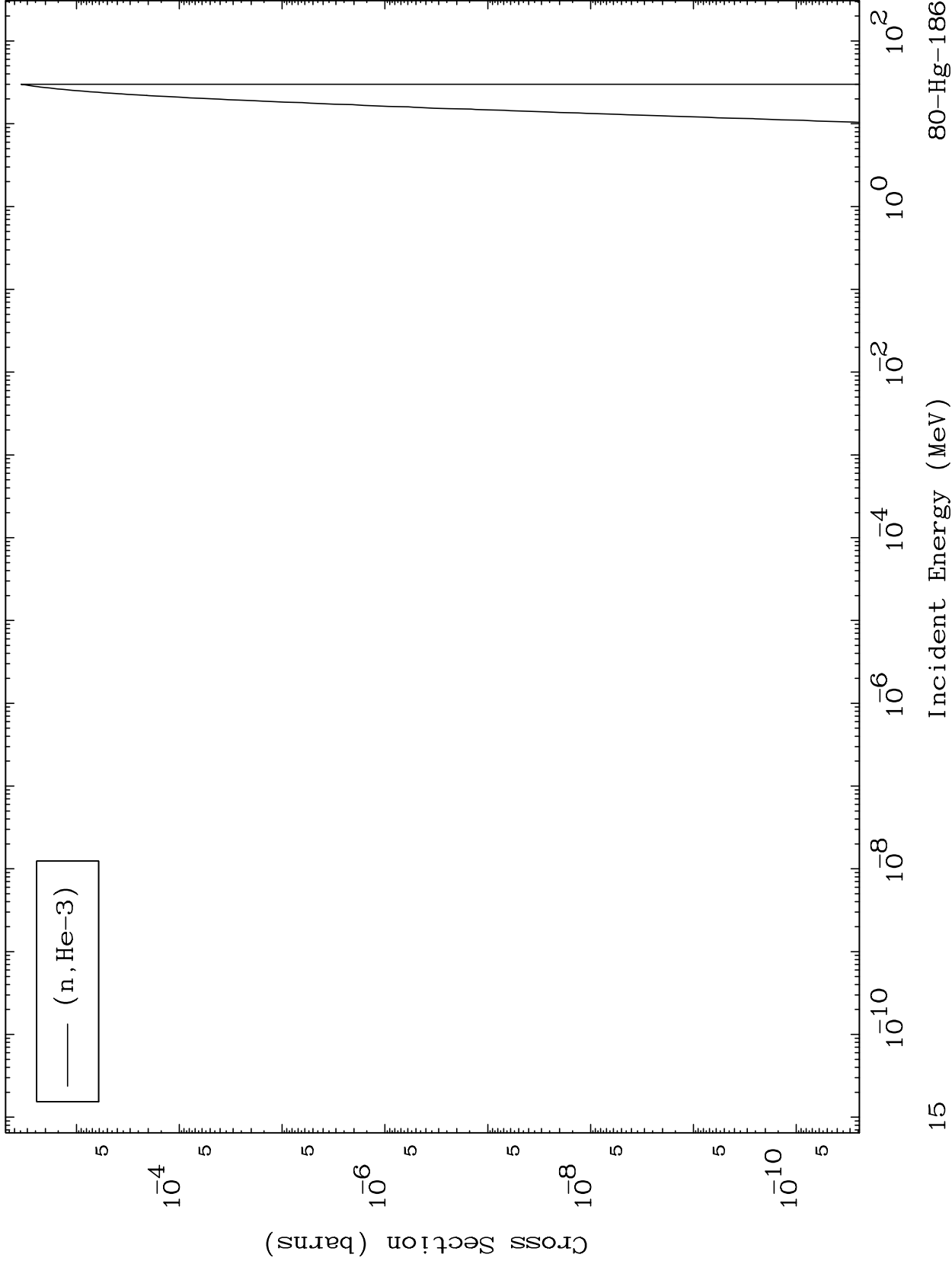
Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-186



15

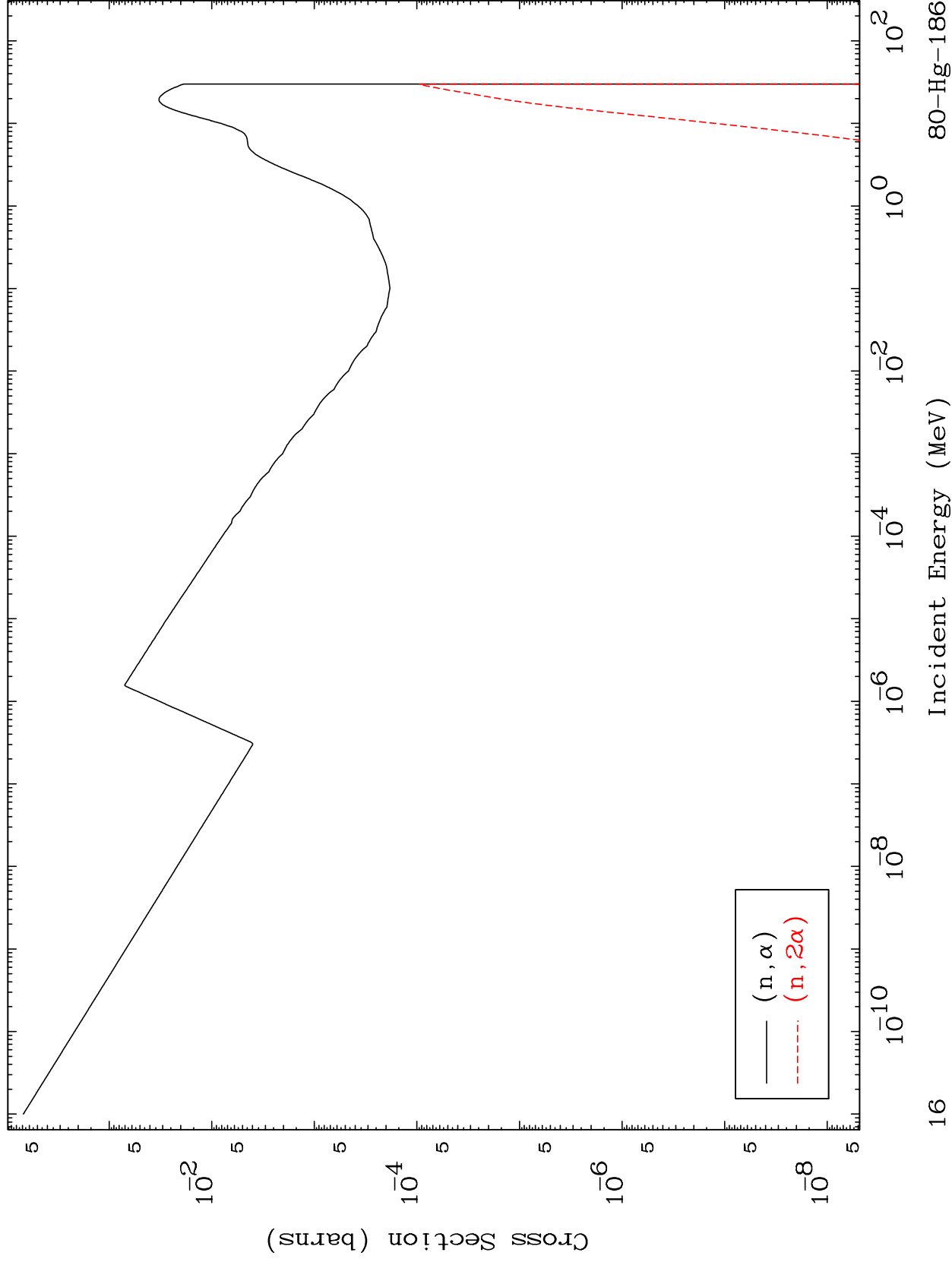
Incident Energy (MeV)

80-Hg-186

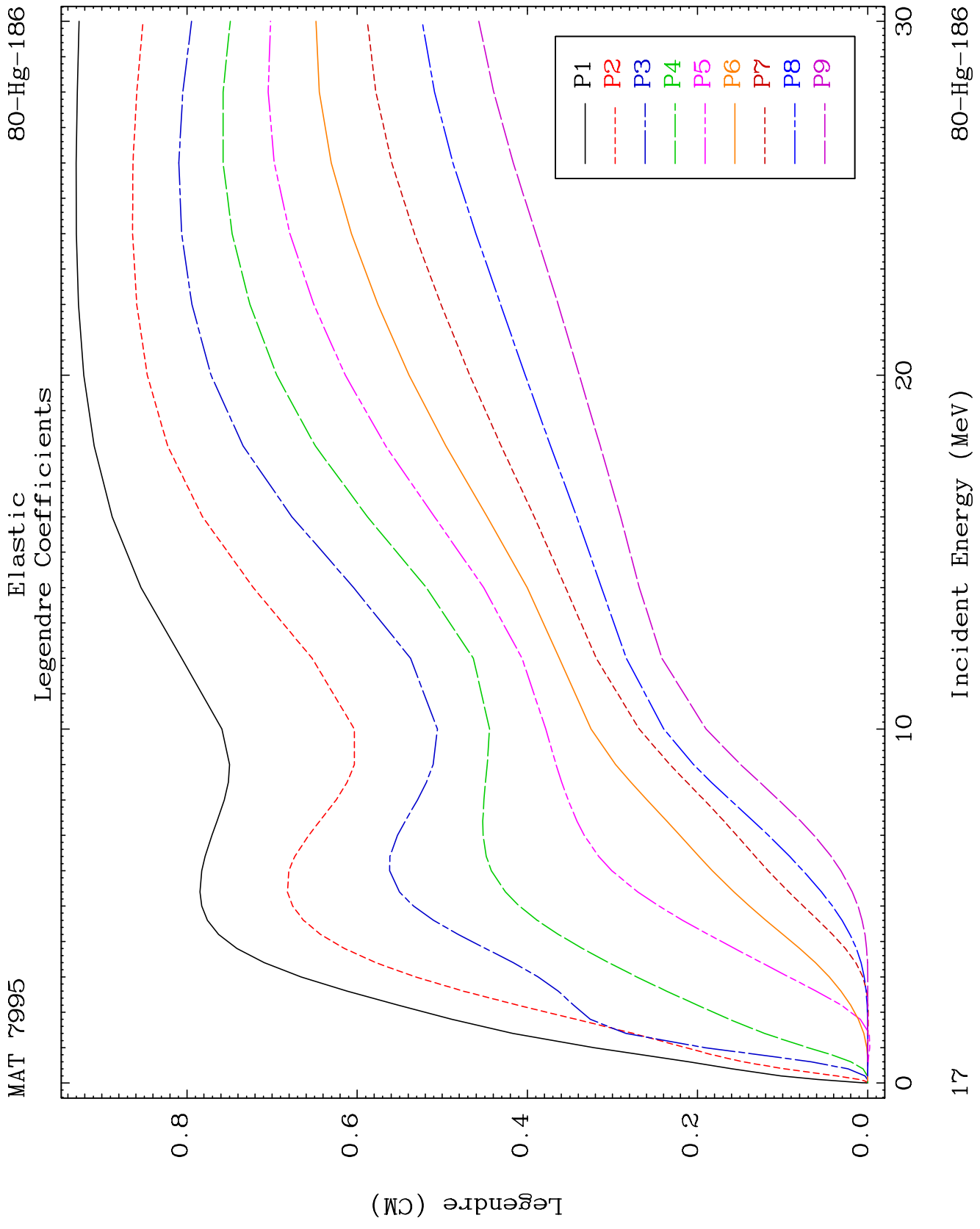
MAT 7995

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-186



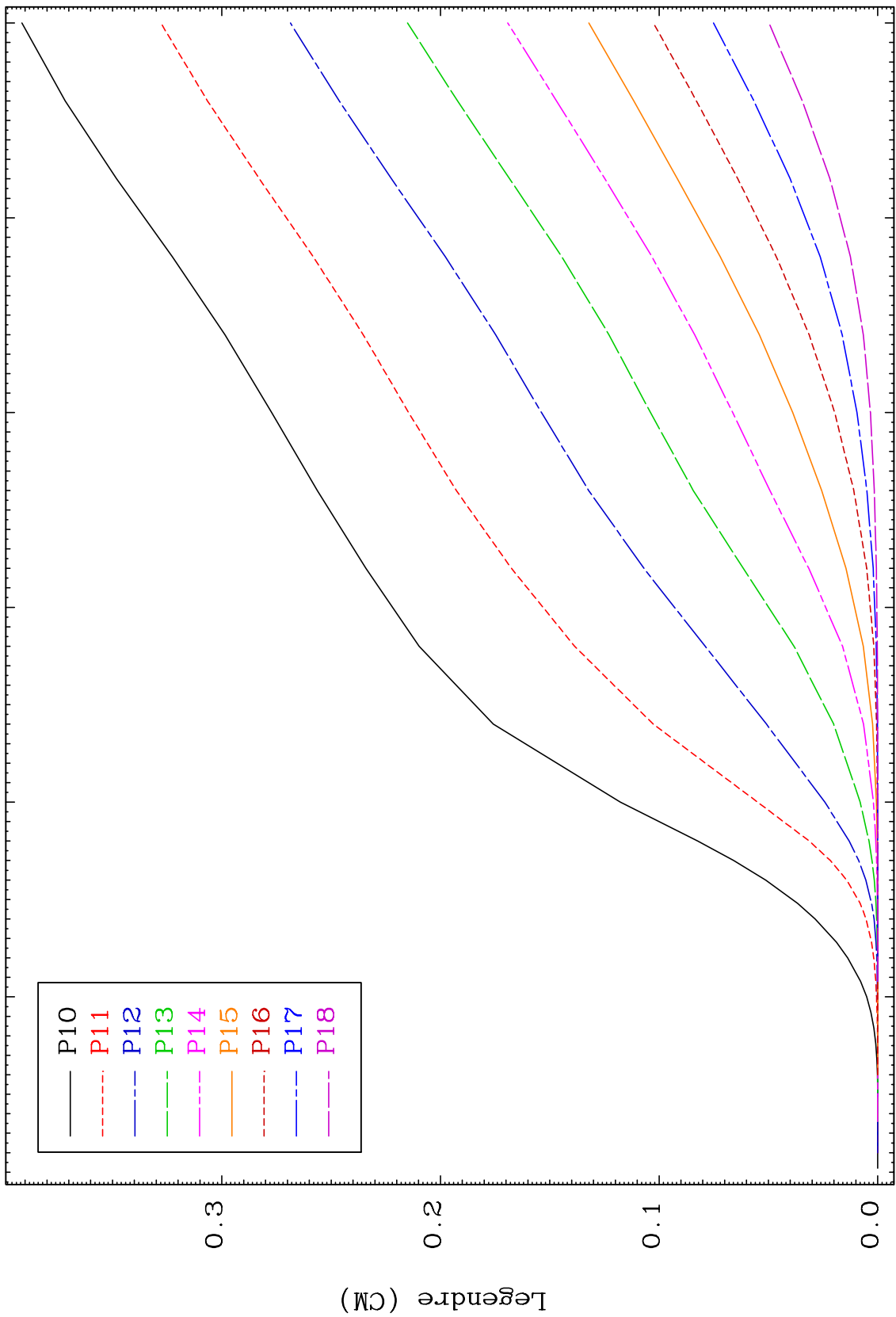
16



MAT 7995

Elastic Legendre Coefficients

80-Hg-186



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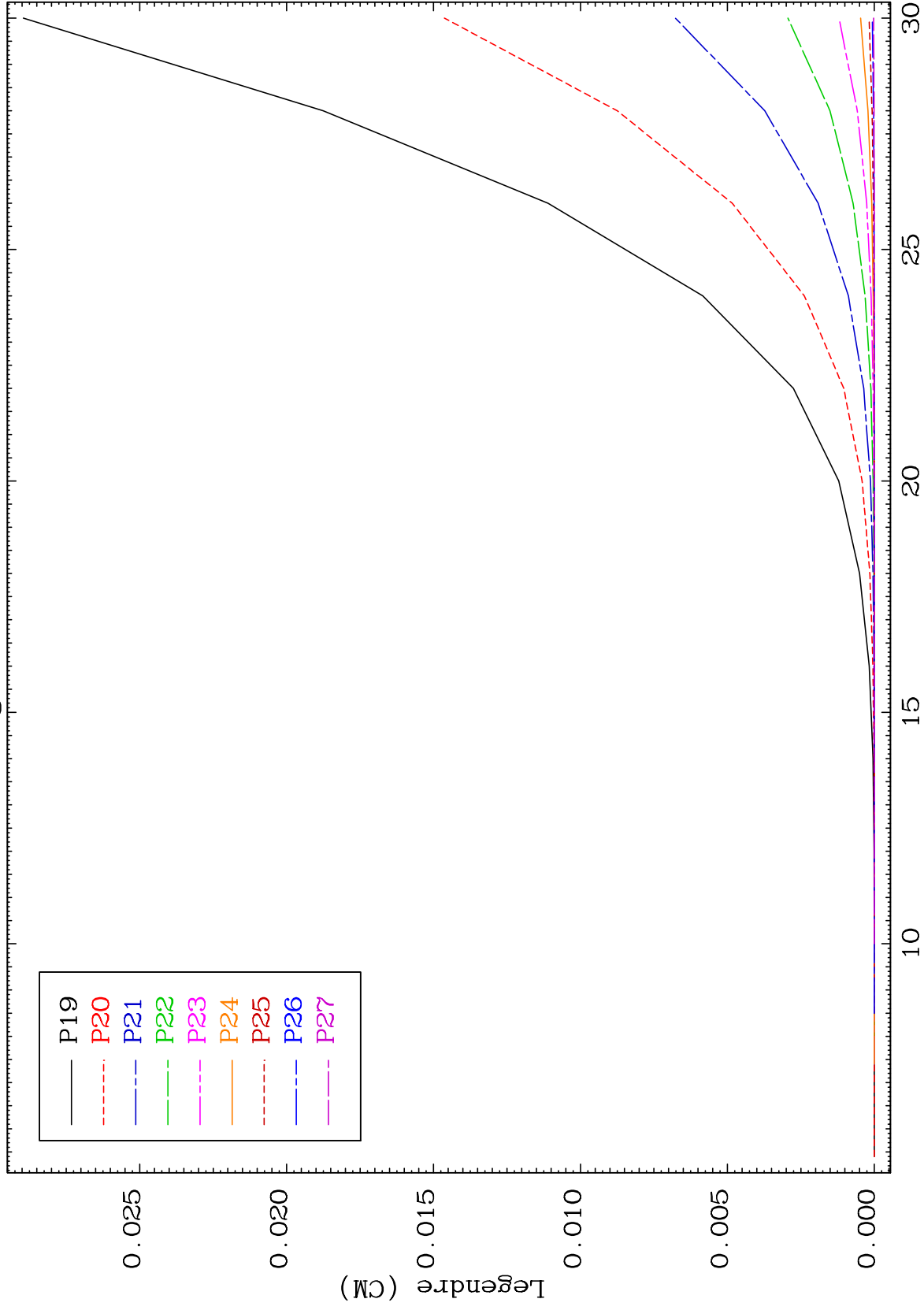
Incident Energy (MeV)

80-Hg-186

MAT 7995

Elastic Legendre Coefficients

80-Hg-186



19

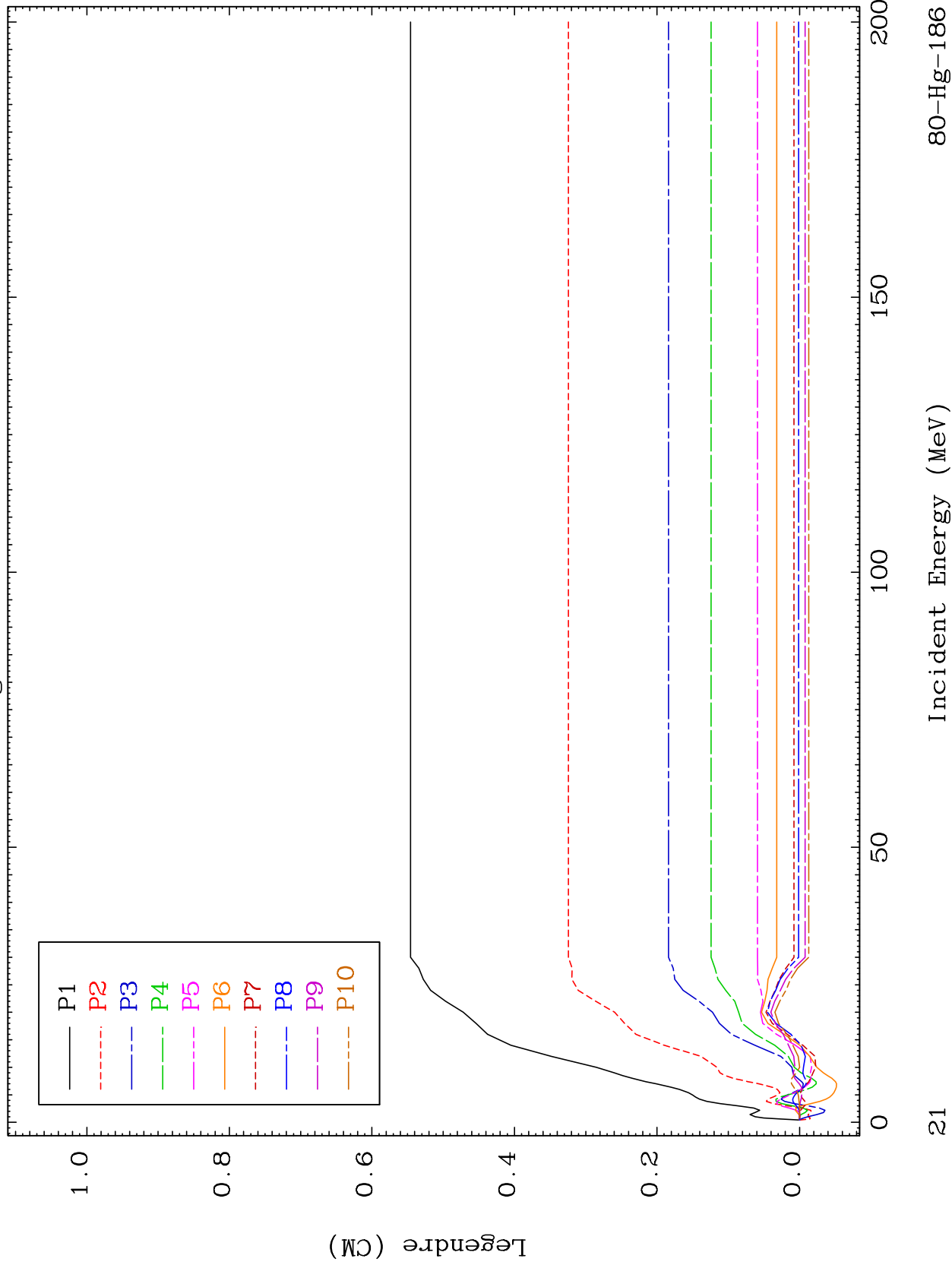
Incident Energy (MeV)

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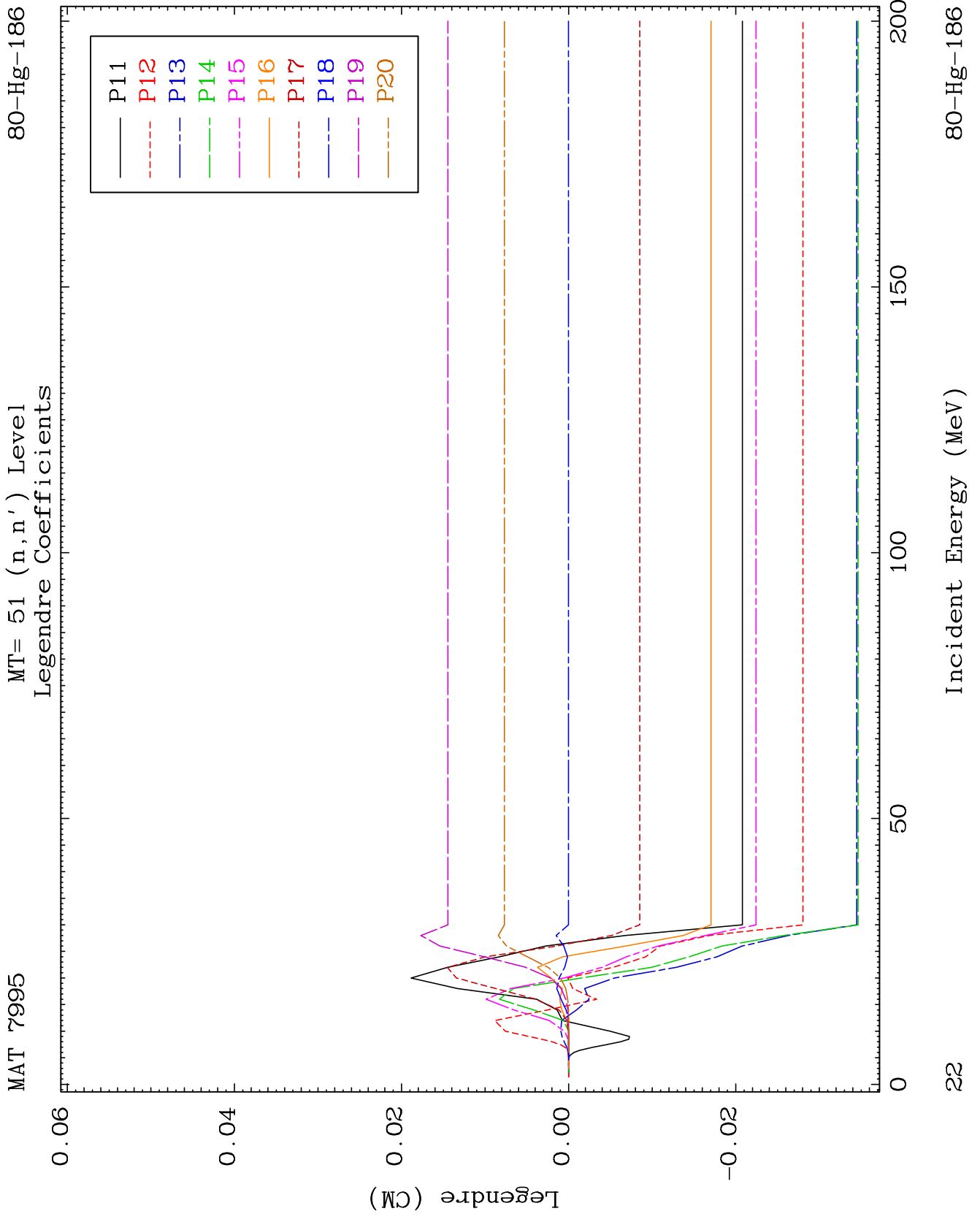
MAT 7995

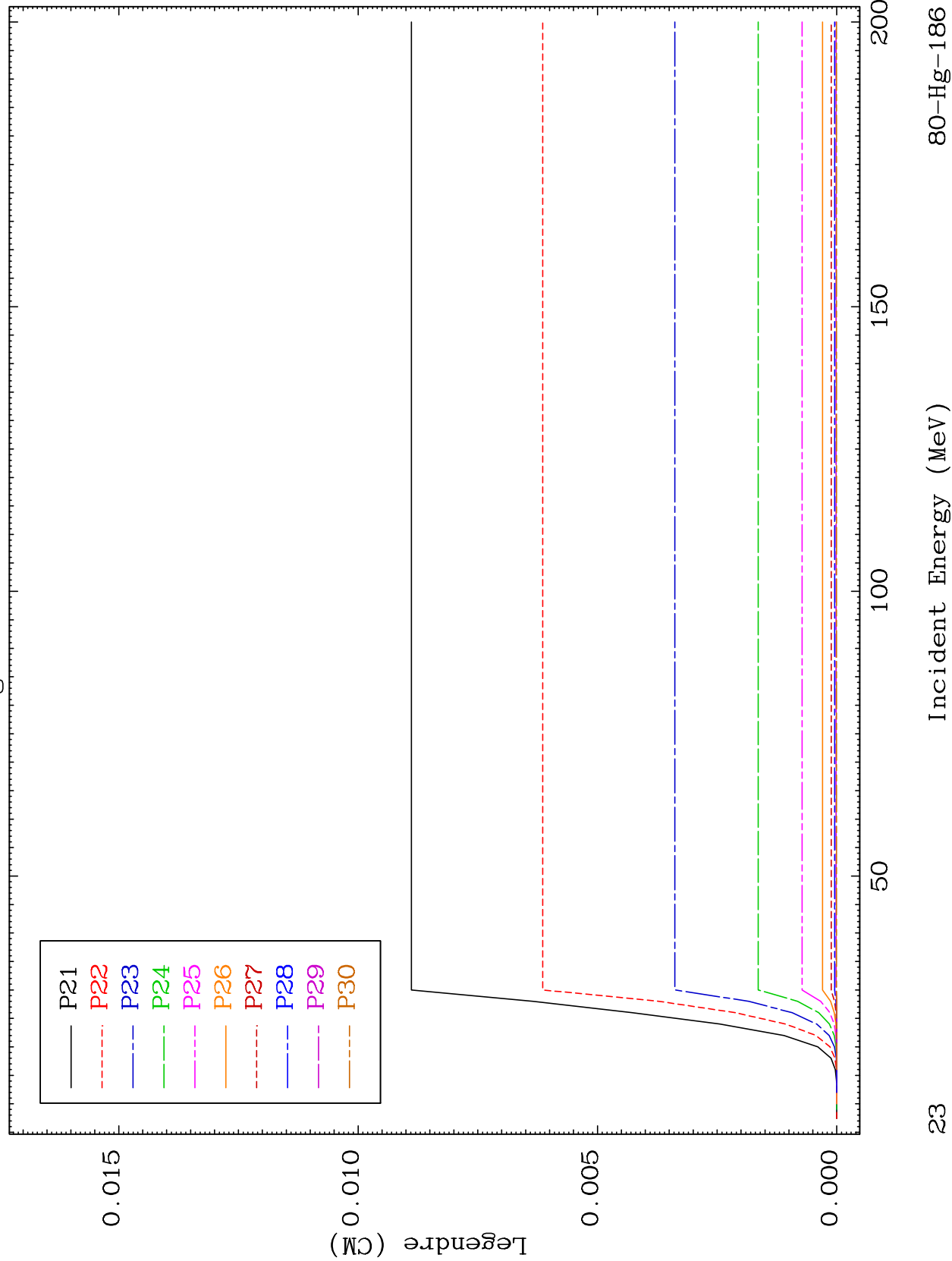
MT= 51 (n,n') Level
Legendre Coefficients

80-Hg-186



21

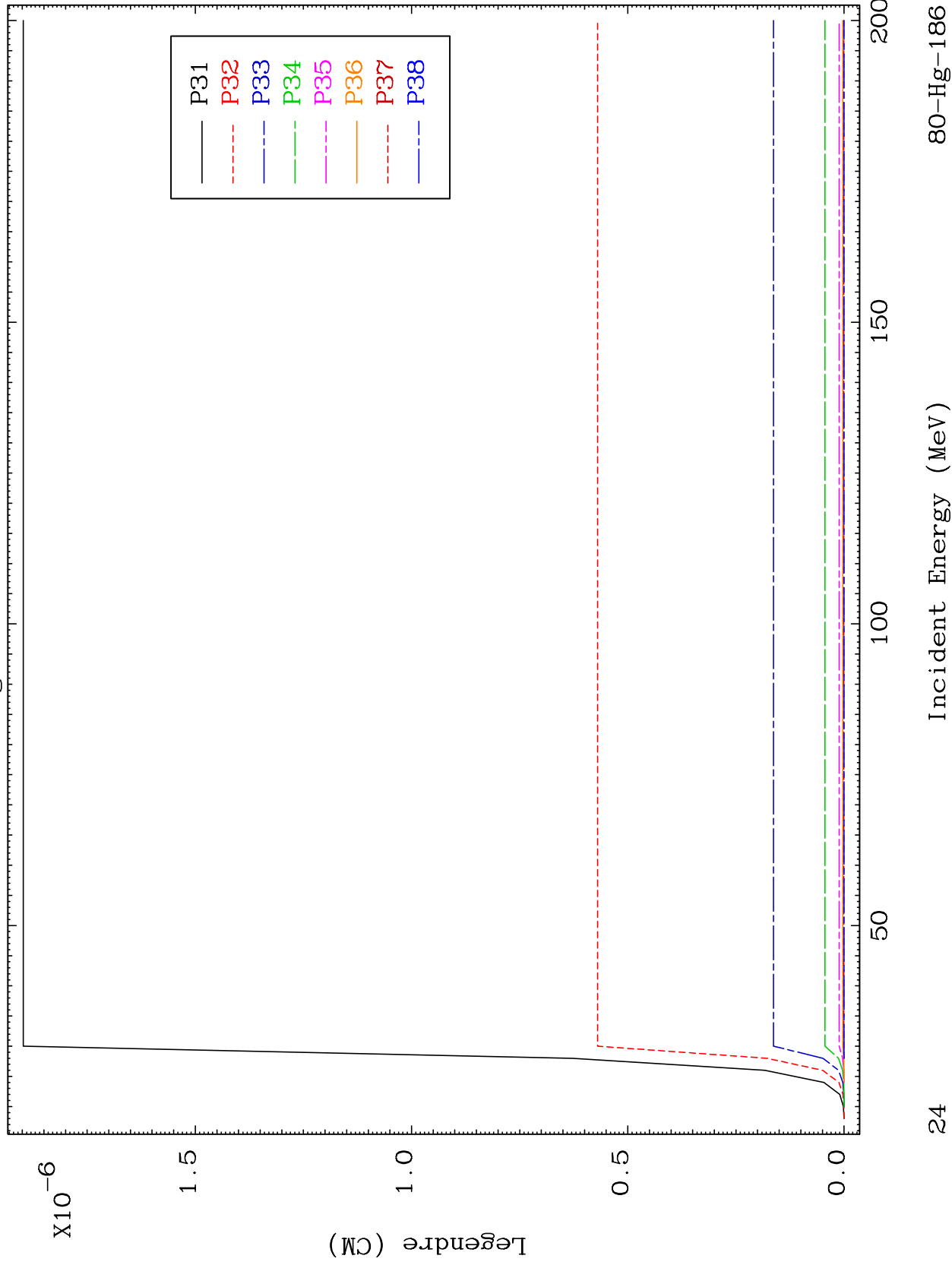




MAT 7995

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

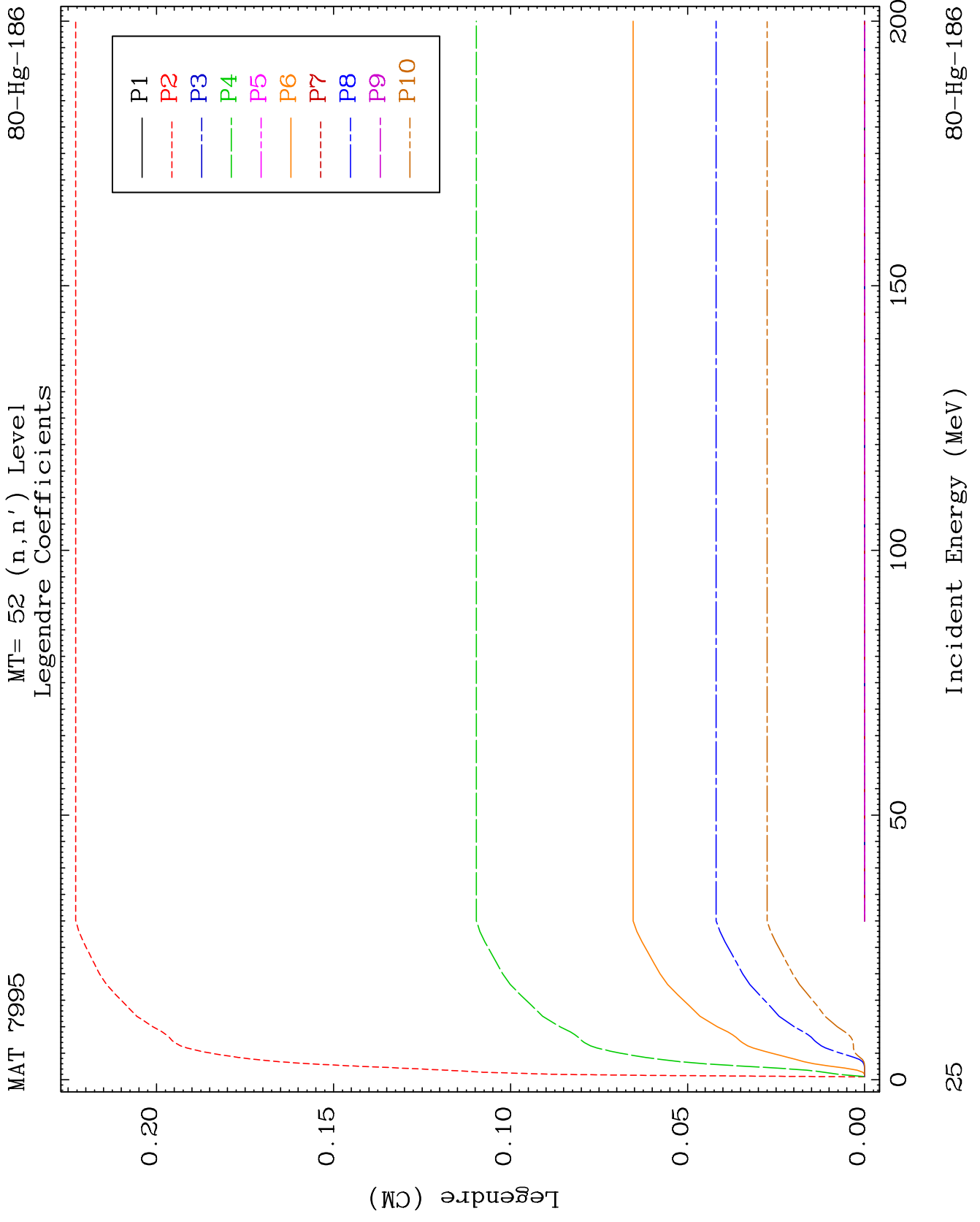
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24

Incident Energy (MeV)

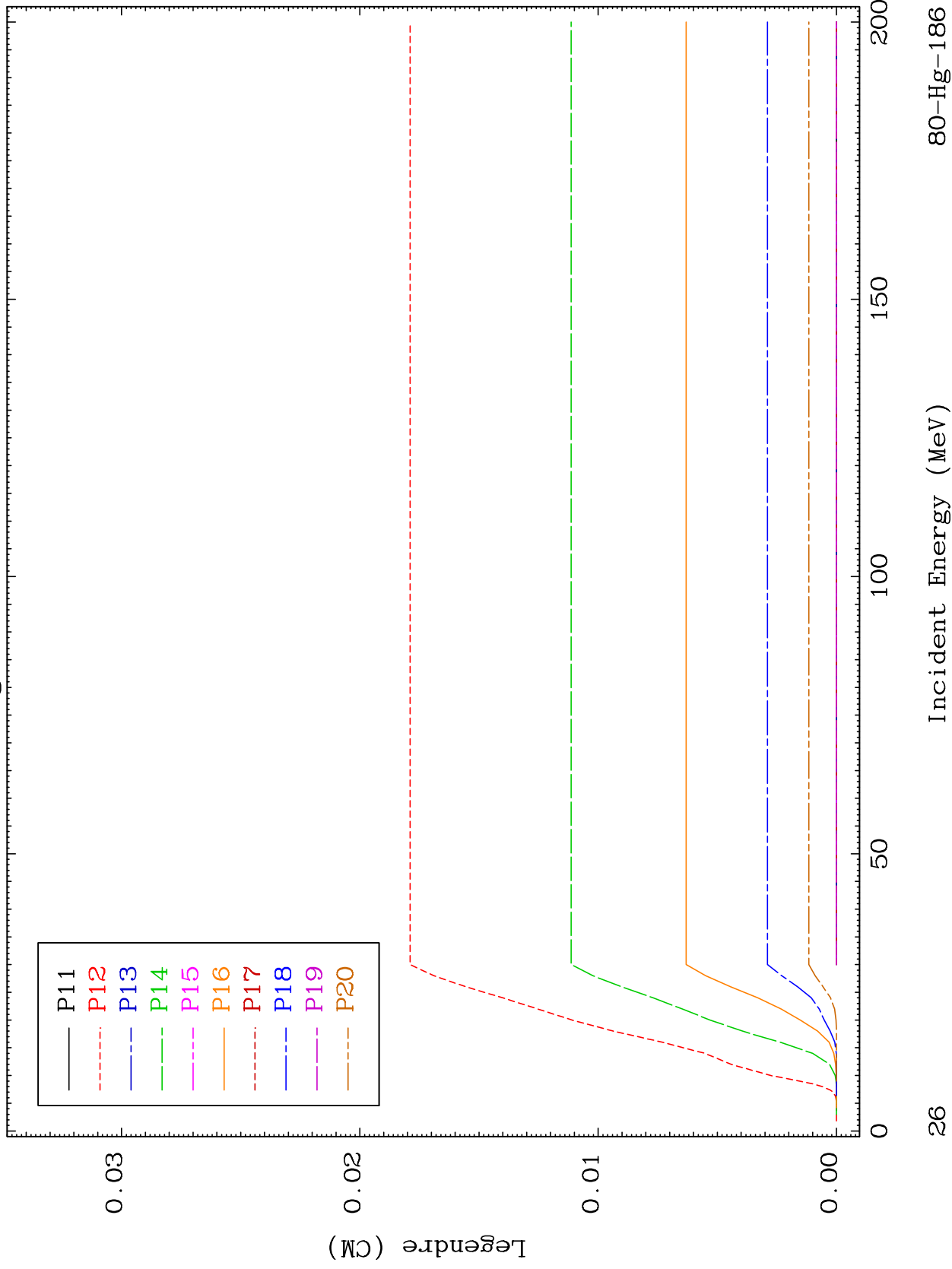
80-Hg-186



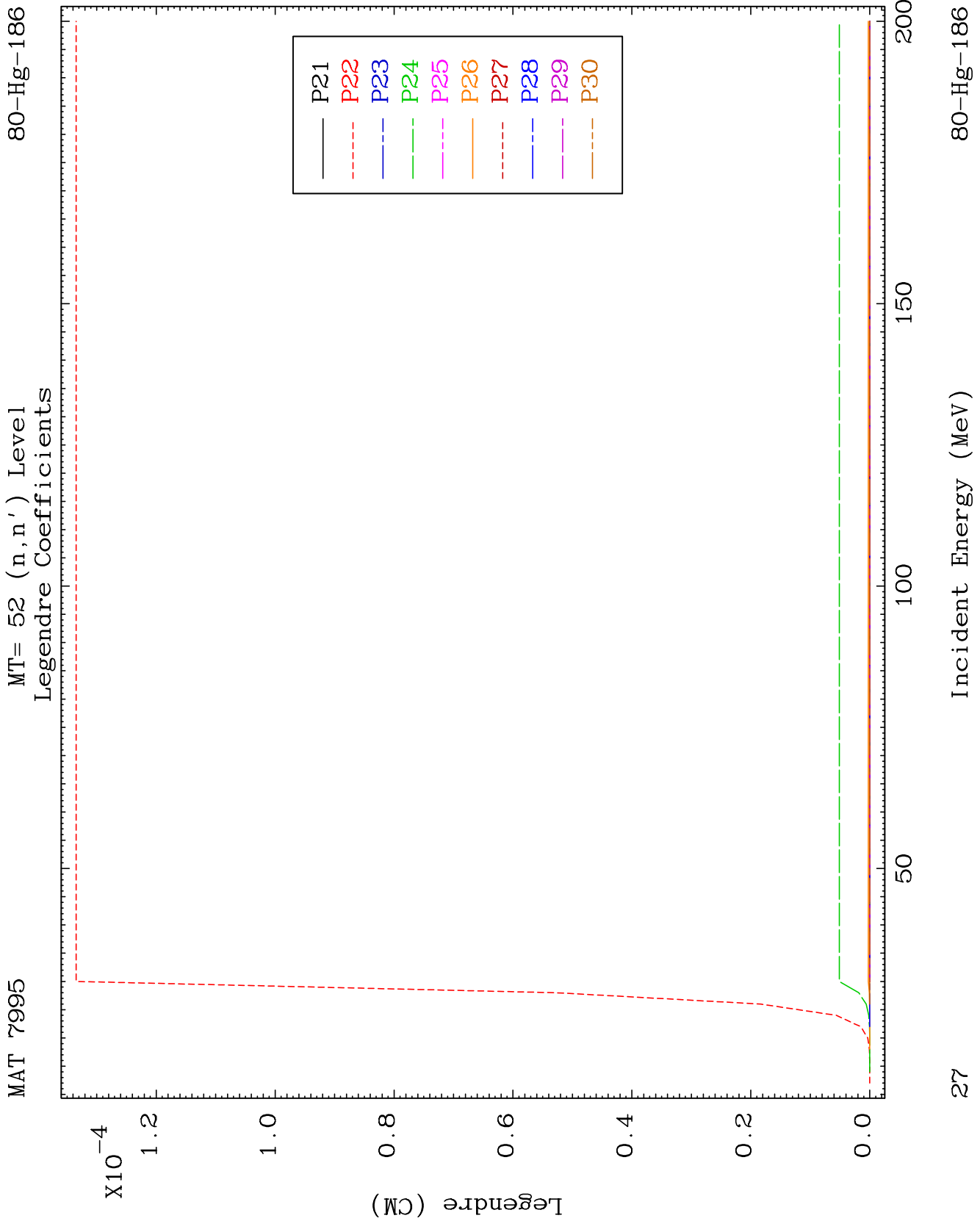
MAT 7995

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

80-Hg-186



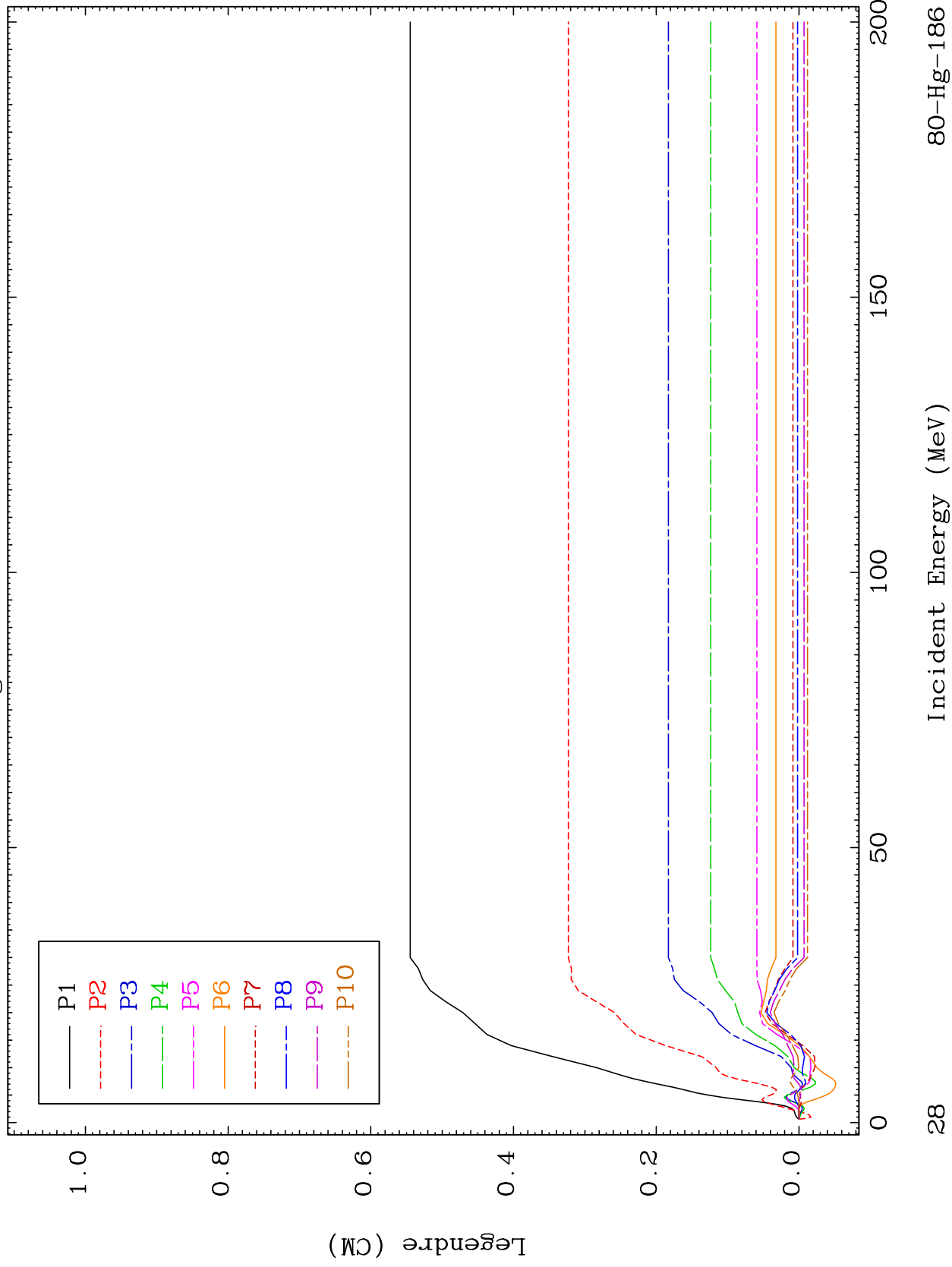
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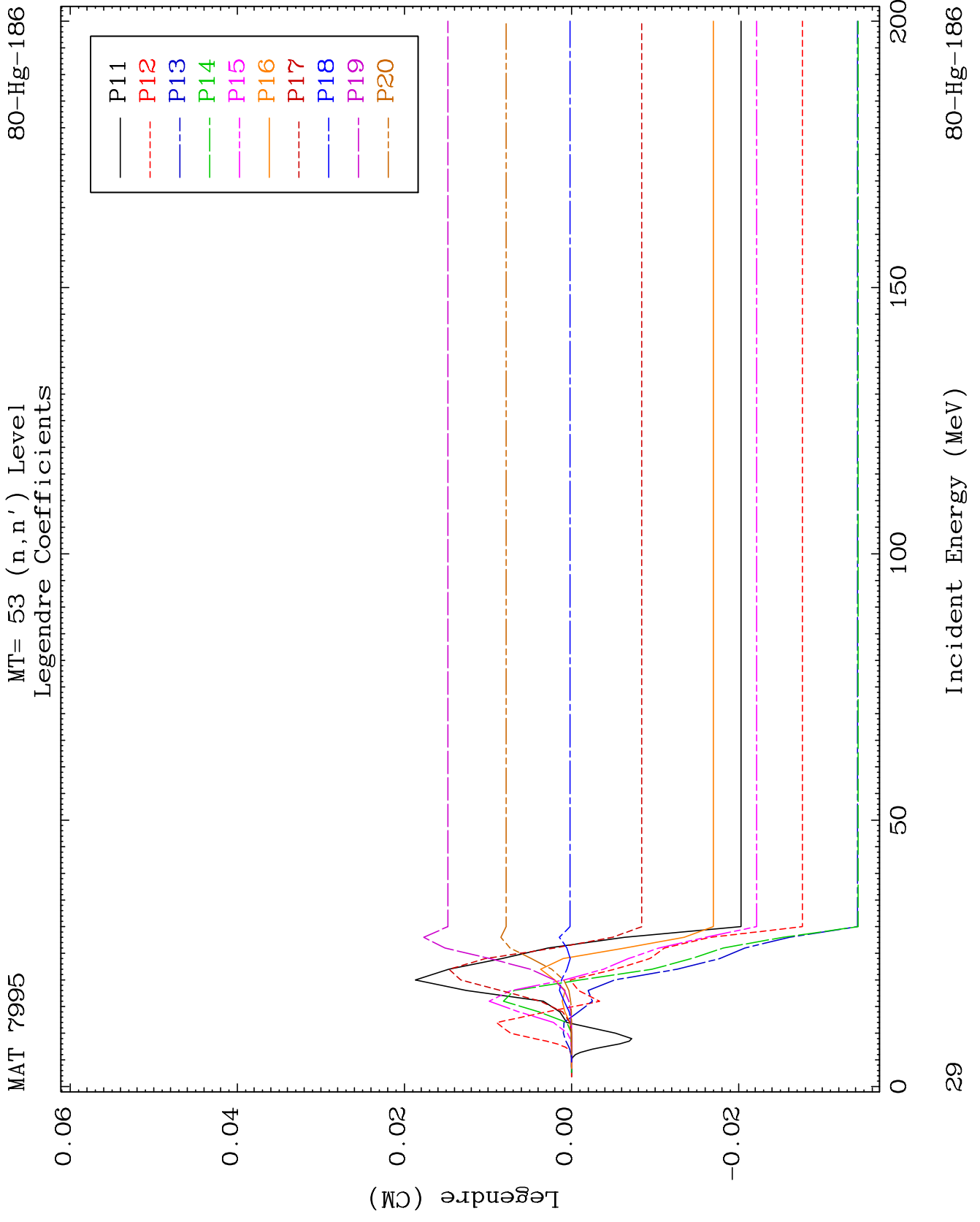


MAT 7995

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

80-Hg-186

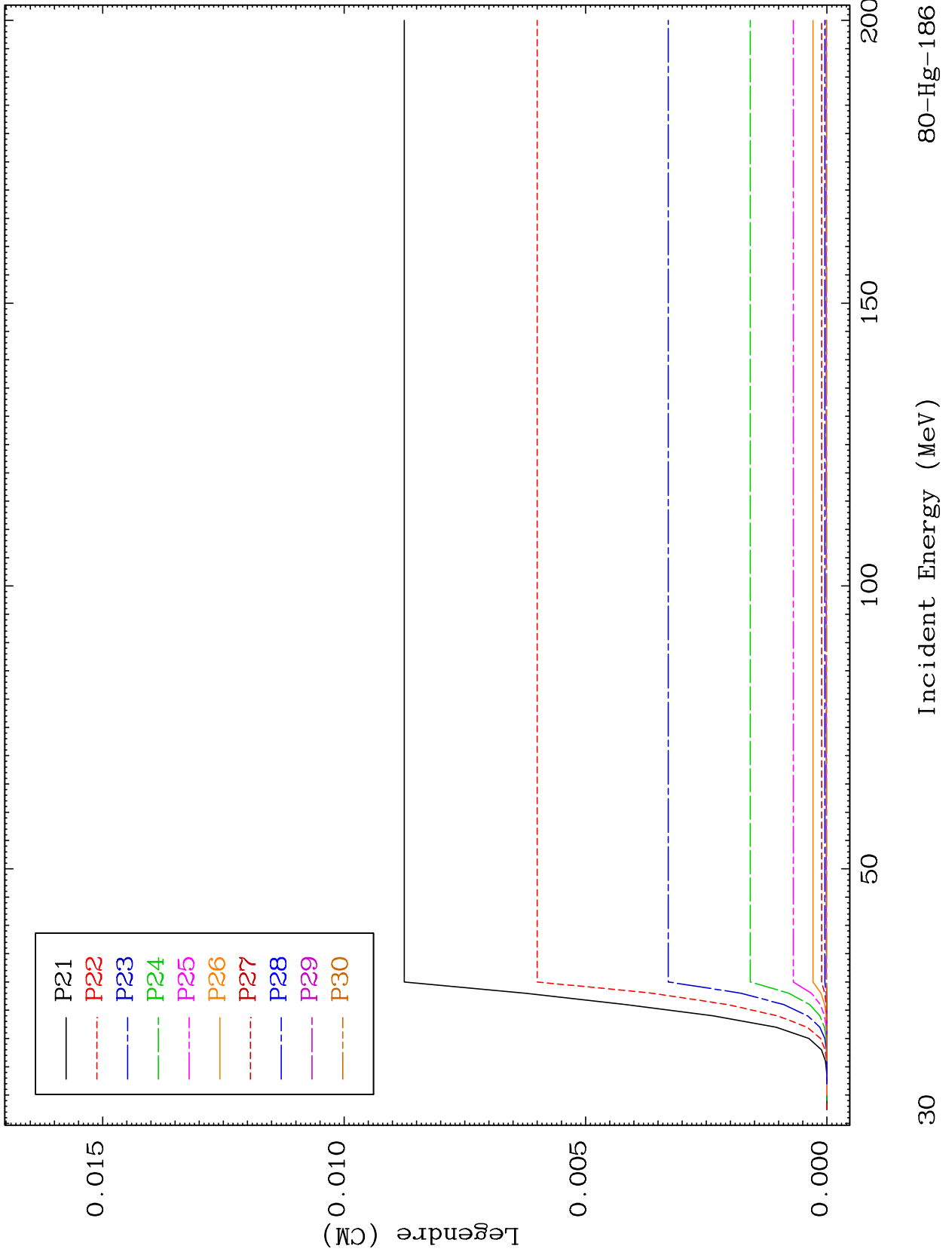




MAT 7995

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

80-Hg-186



30

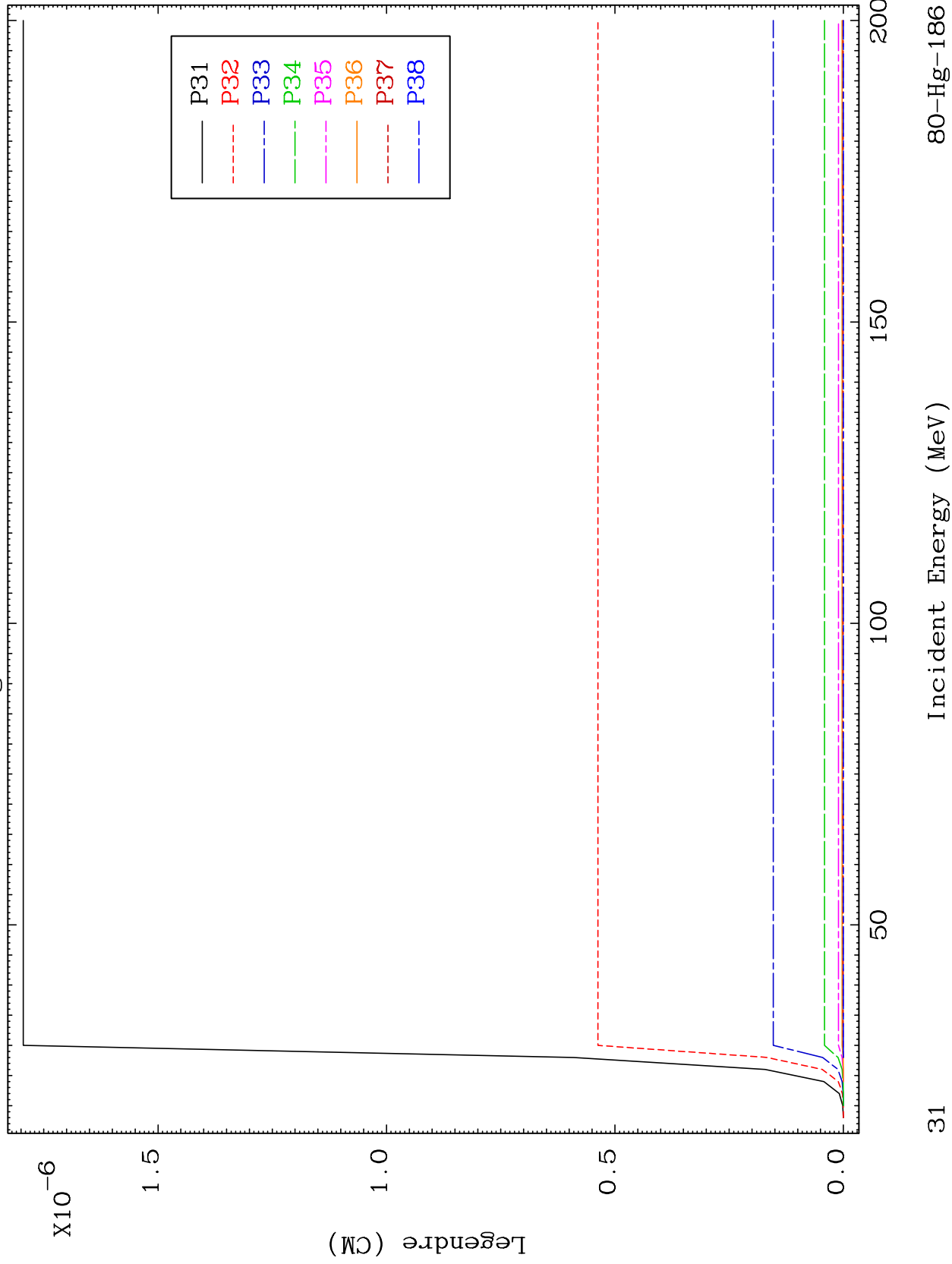
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

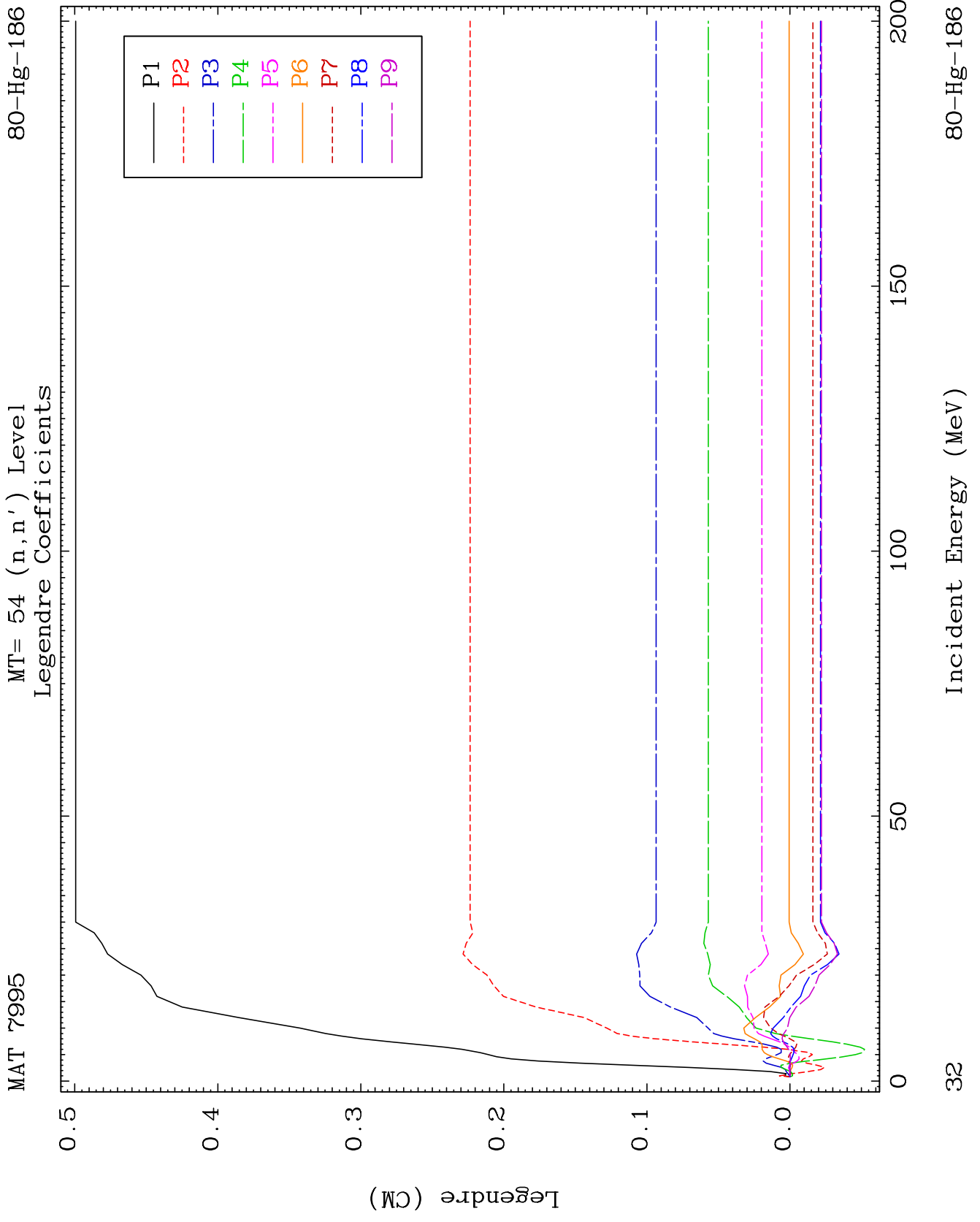
80-Hg-186



31

Incident Energy (MeV)

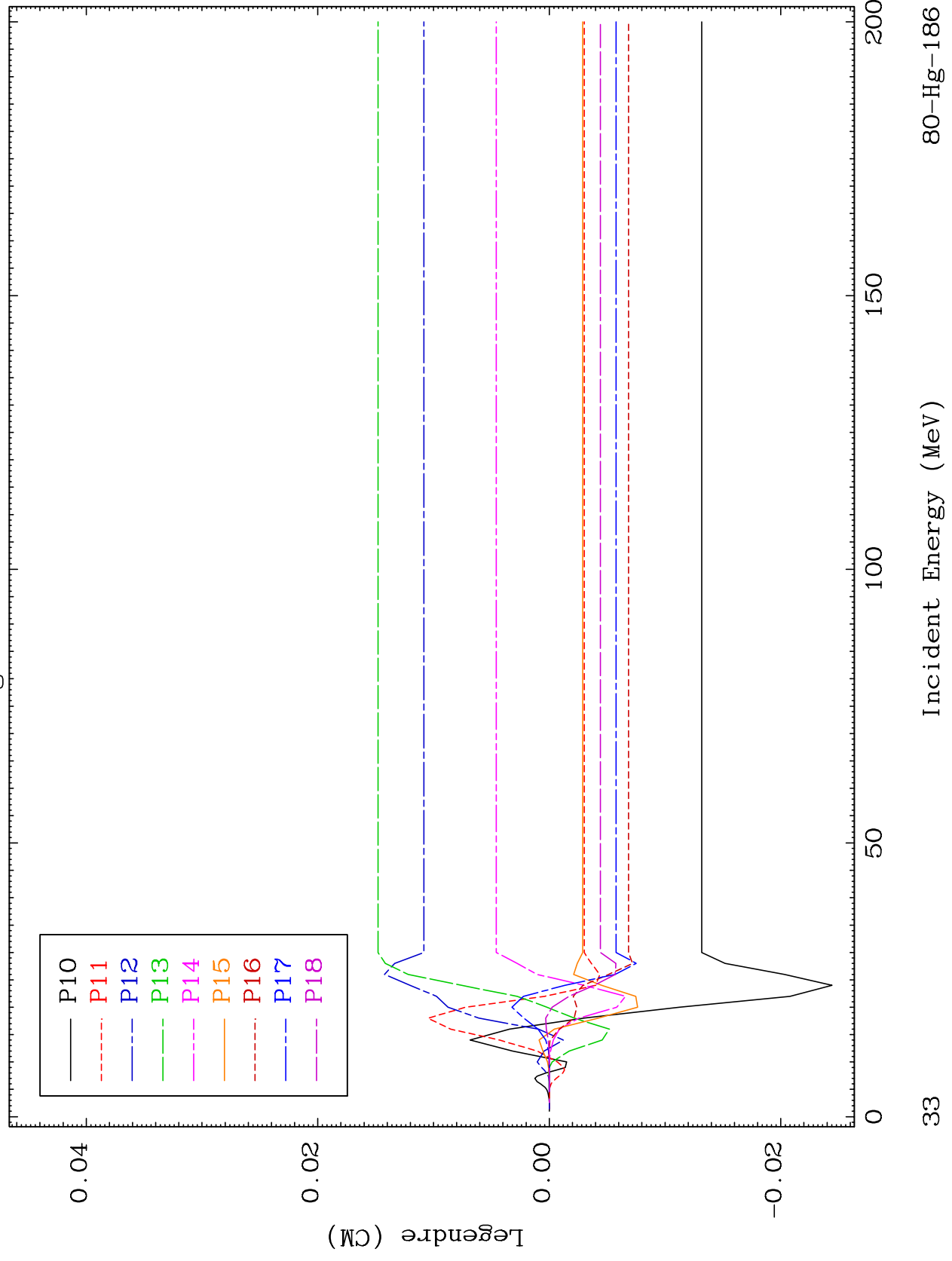
80-Hg-186



MAT 7995

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

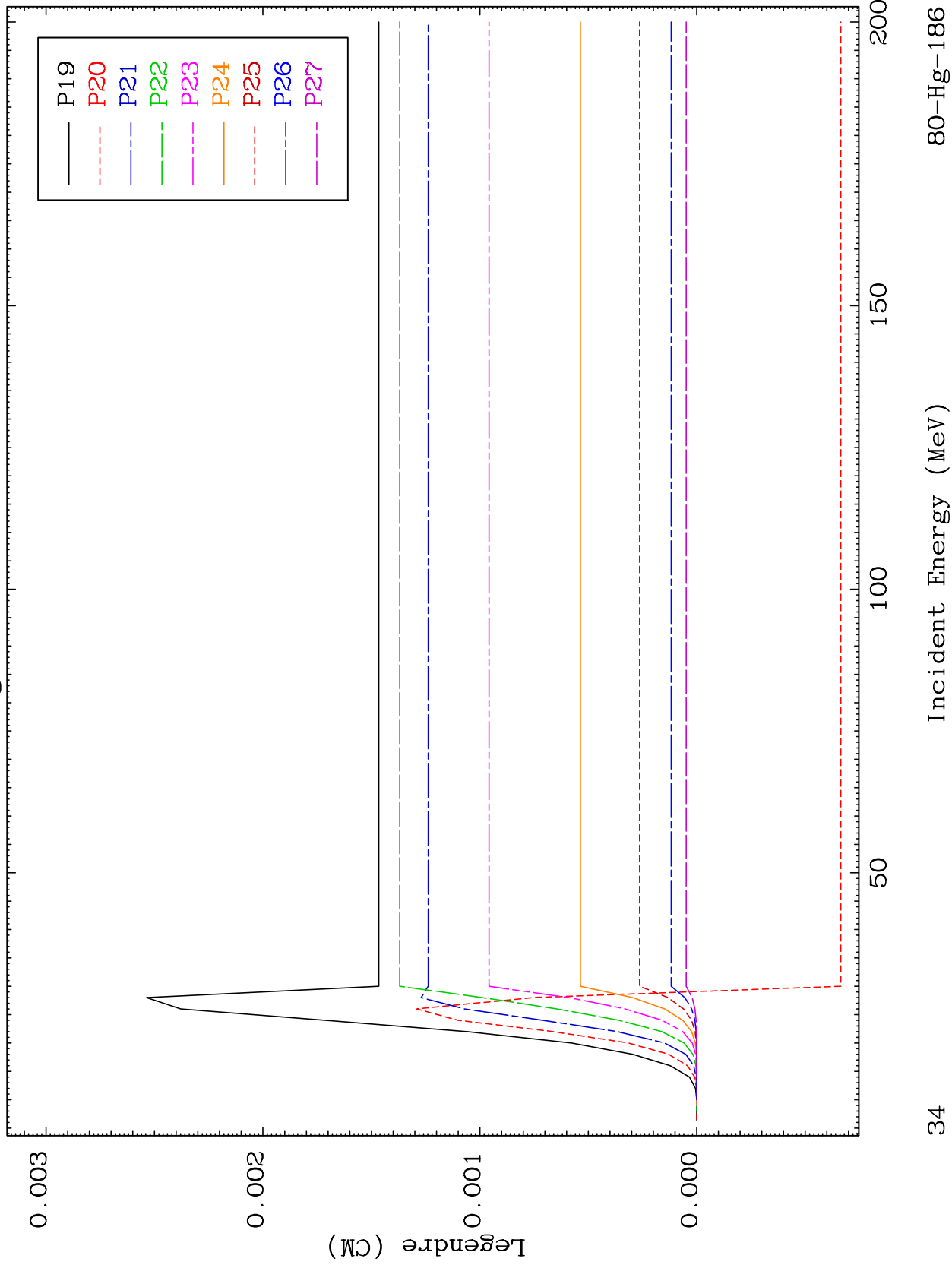
80-Hg-186



MAT 7995

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

80-Hg-186



34

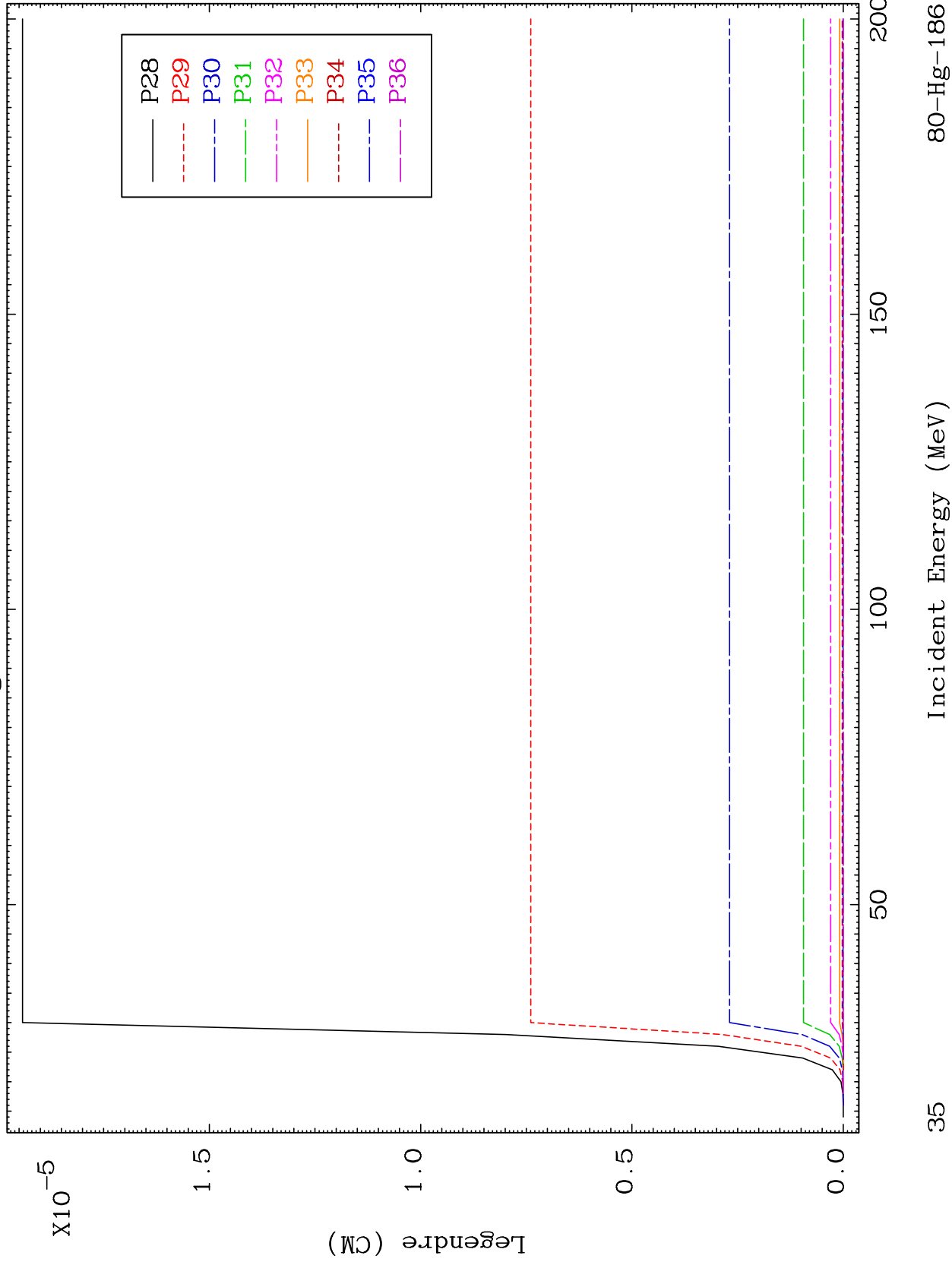
Incident Energy (MeV)

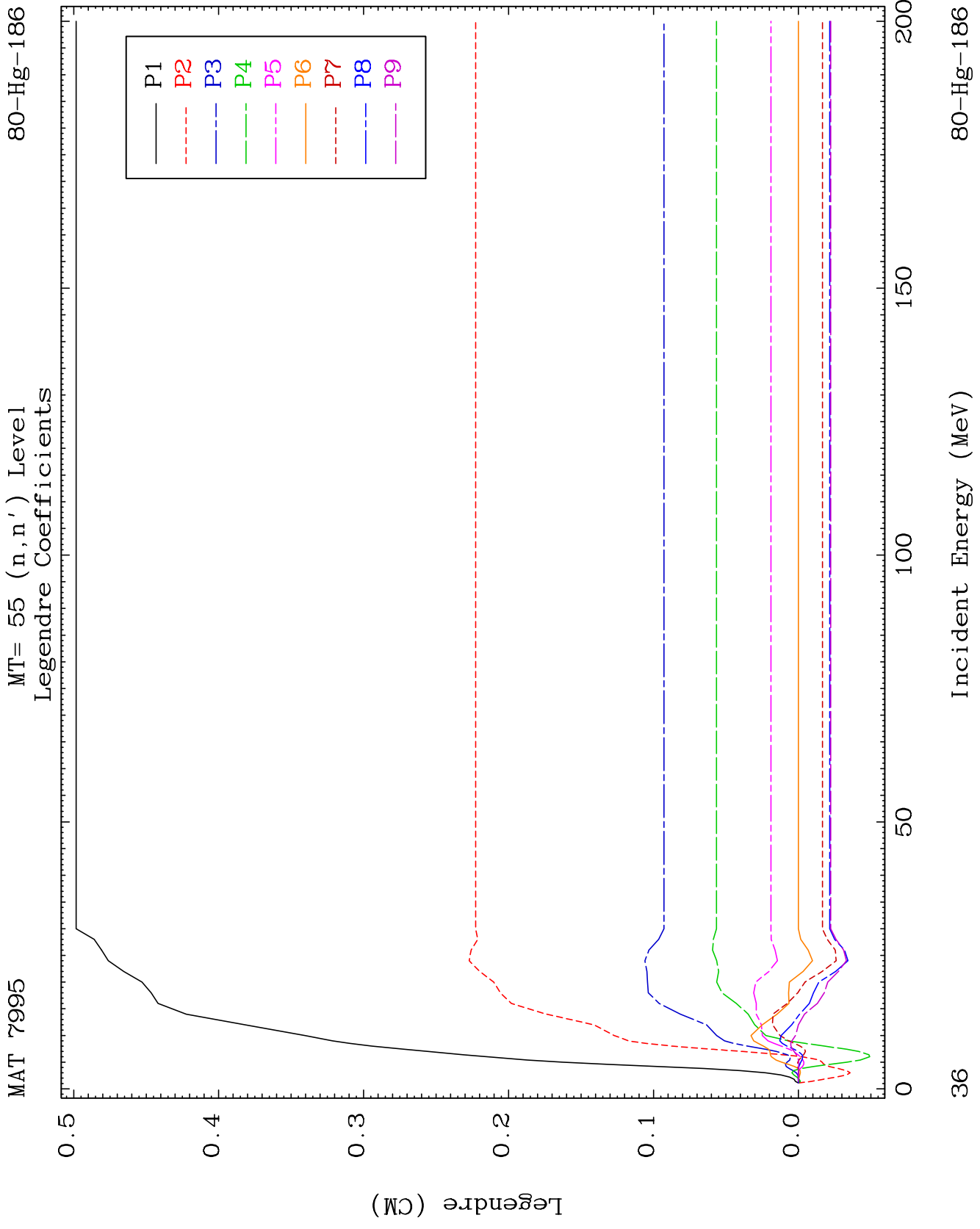
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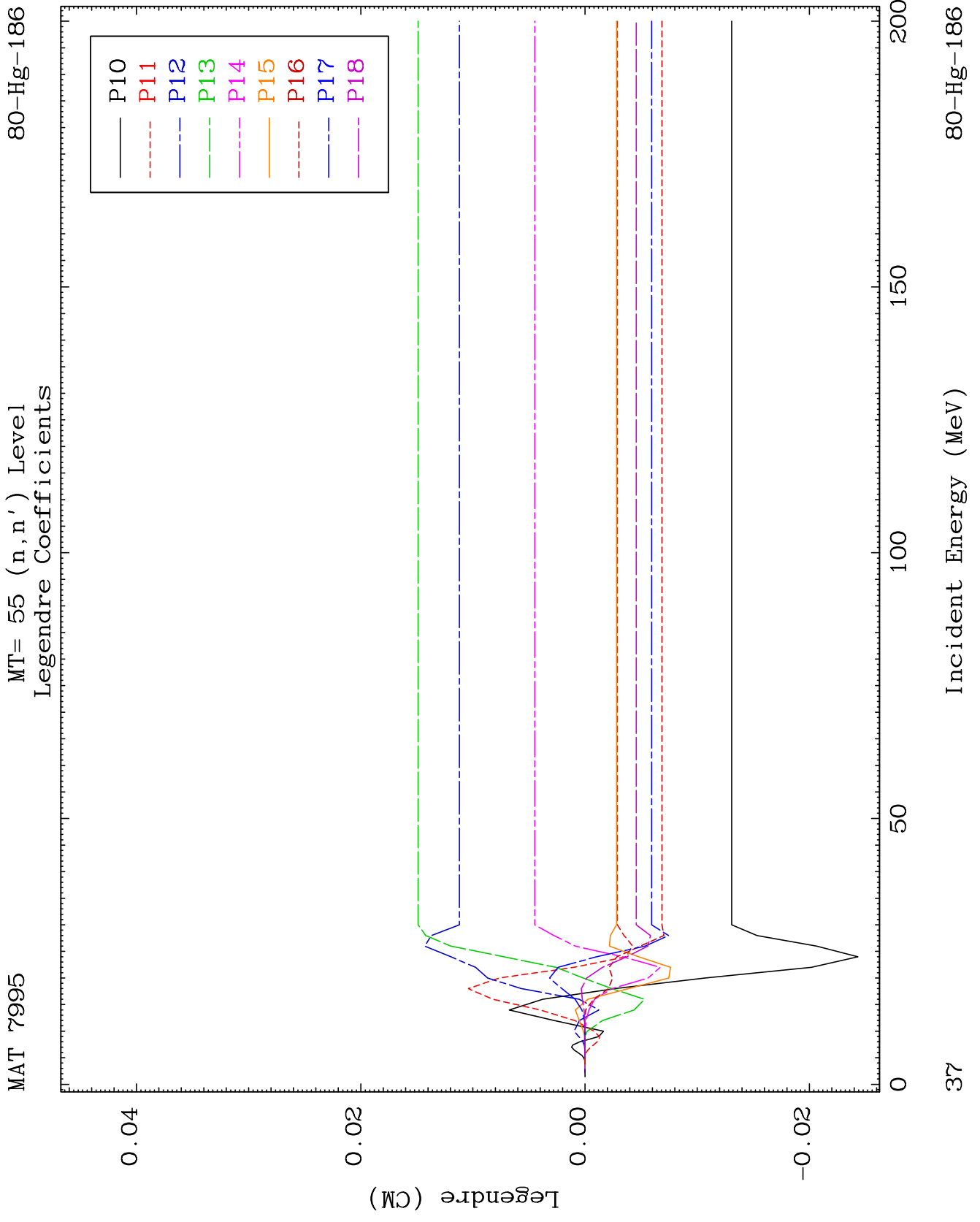
MAT 7995

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

80-Hg-186



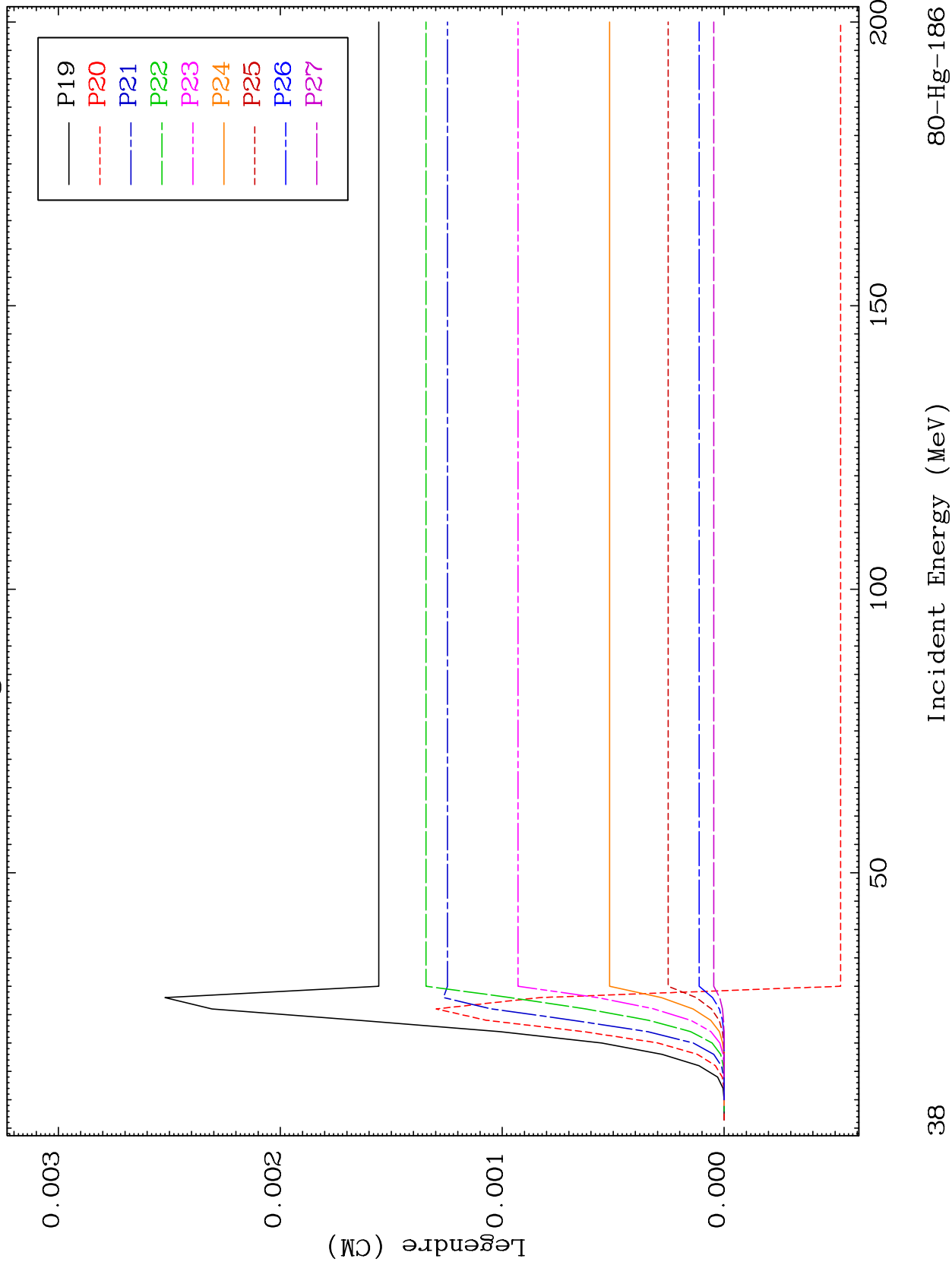




MAT 7995

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

80-Hg-186



38

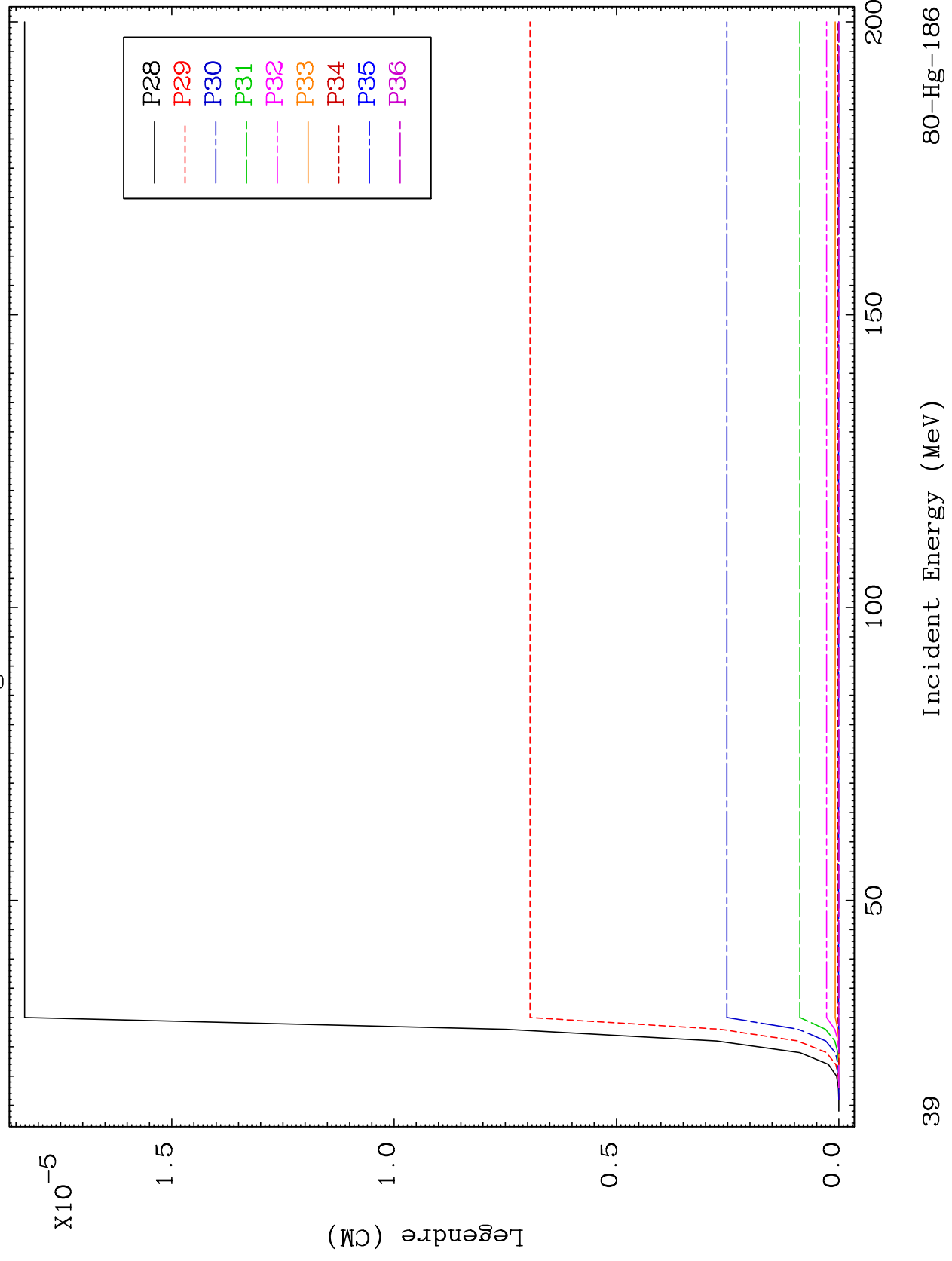
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186

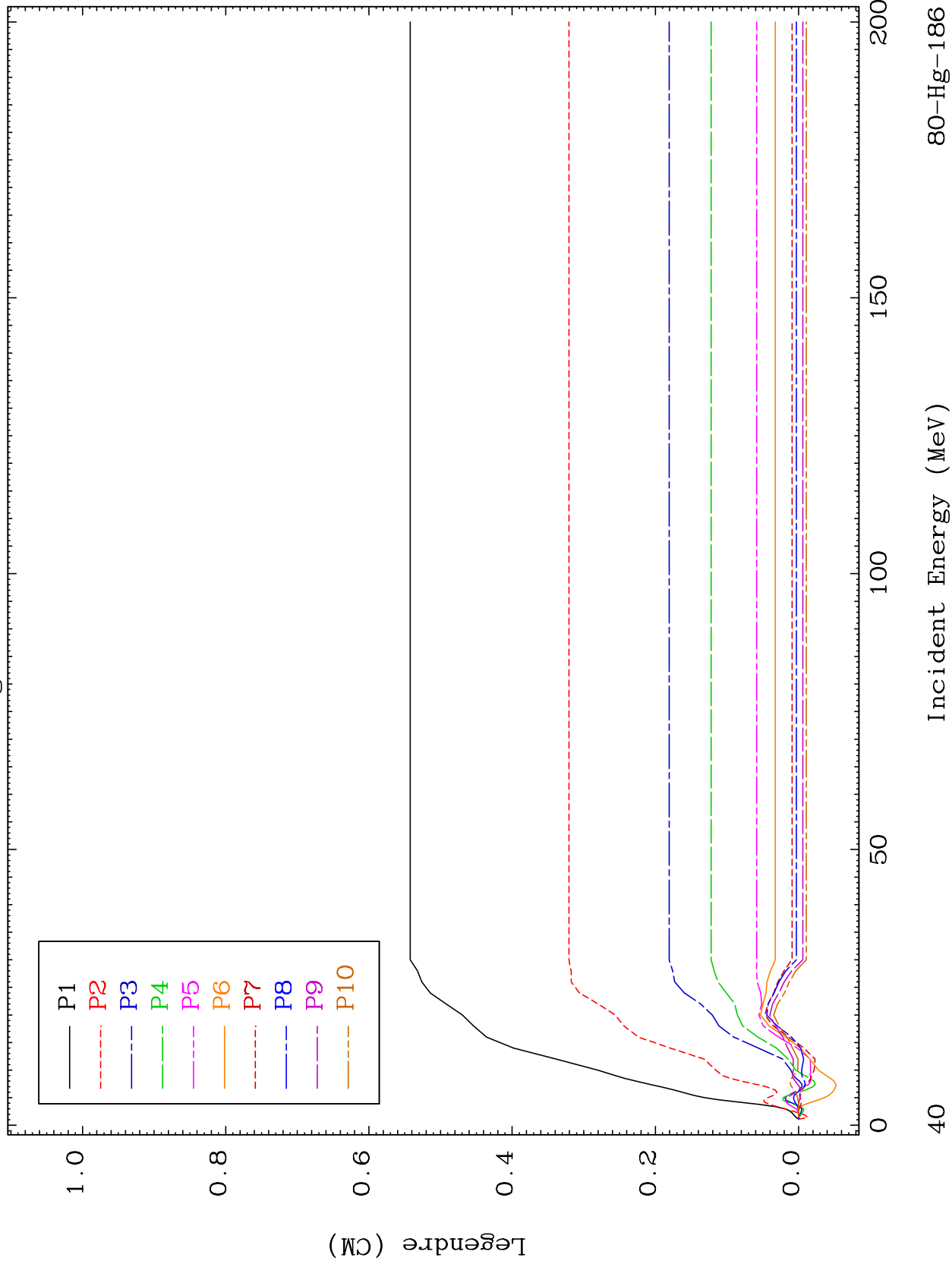


39

MAT 7995

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

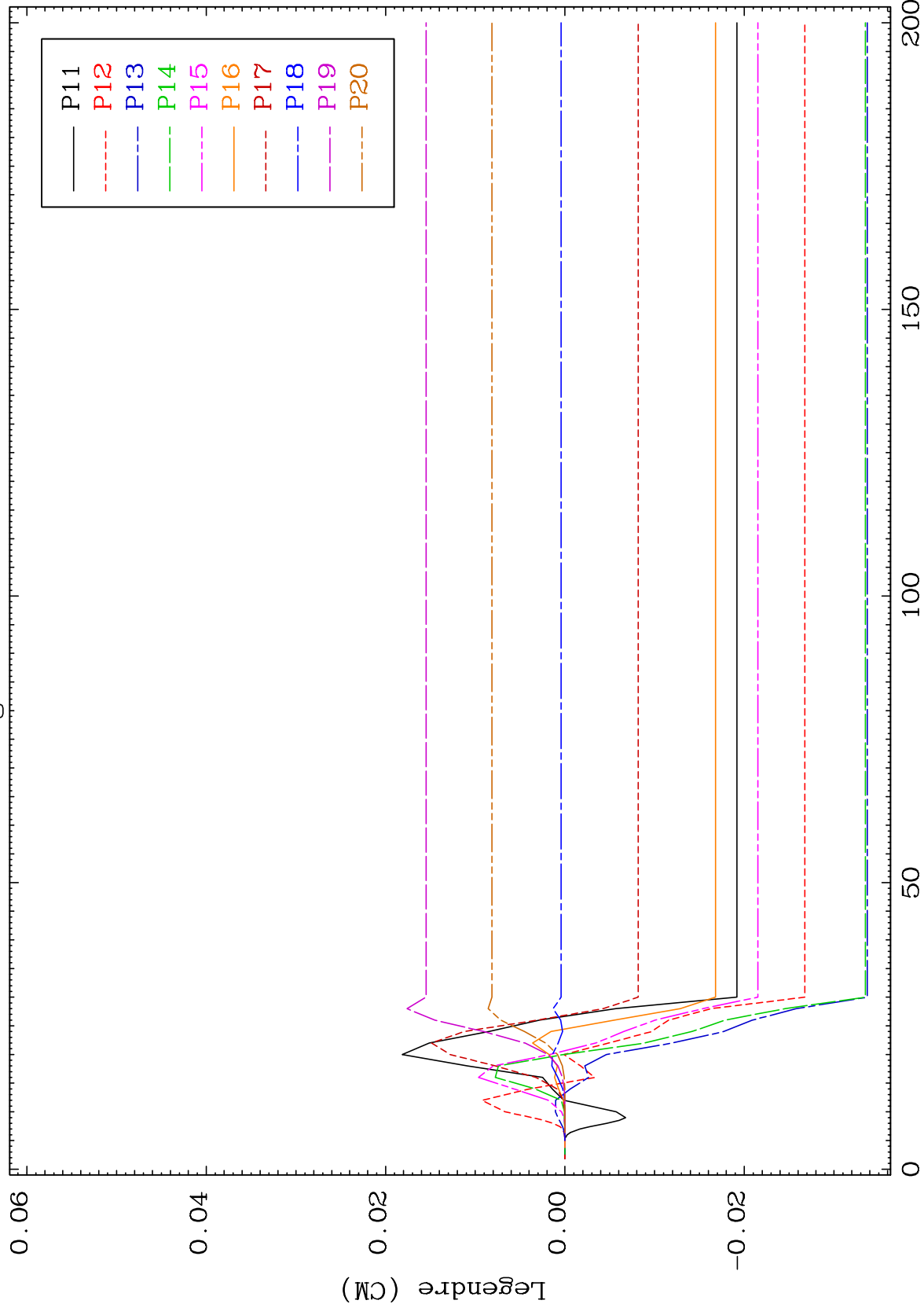
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MAT 7995

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

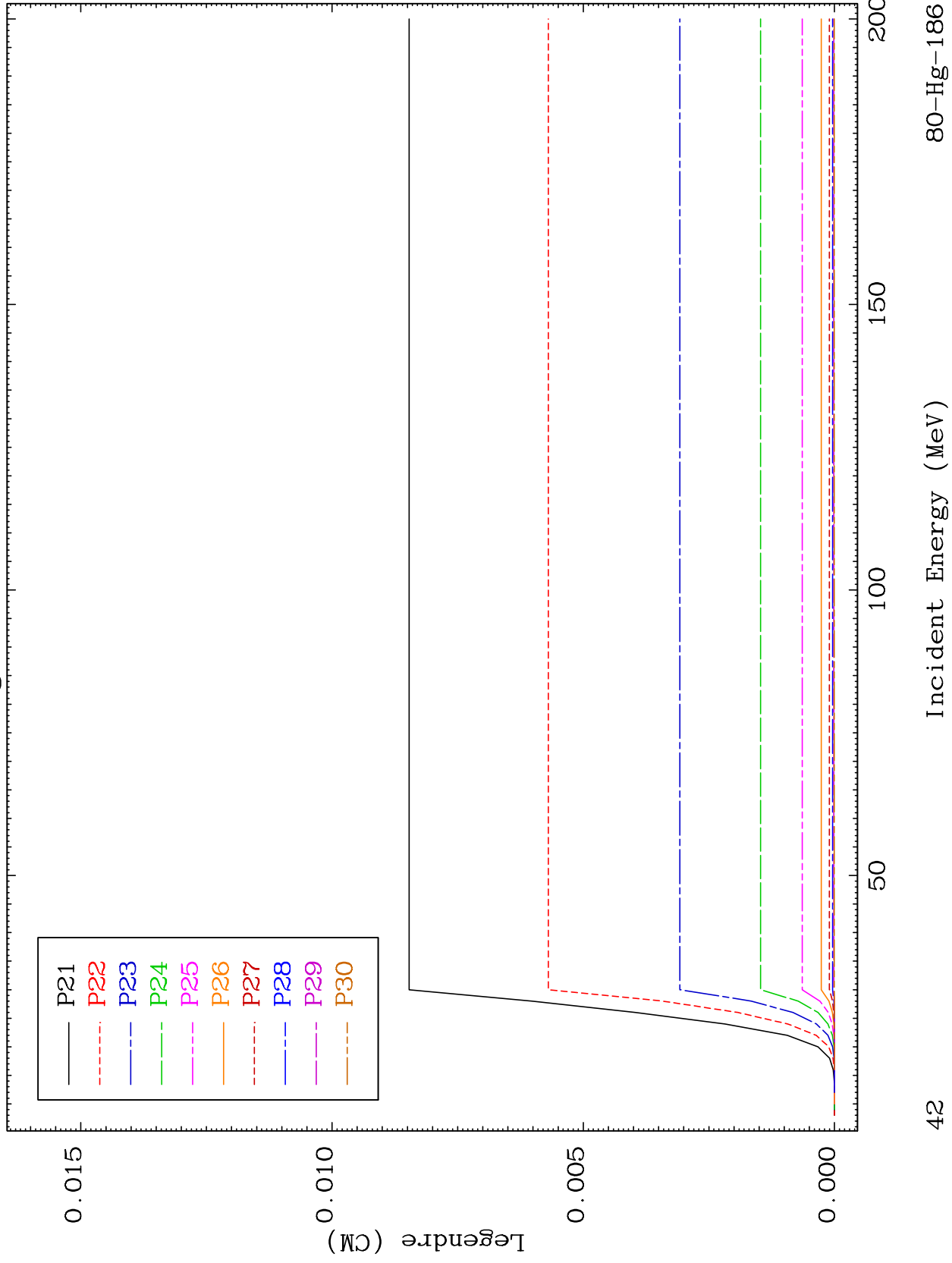
80-Hg-186



MAT 7995

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

80-Hg-186



42

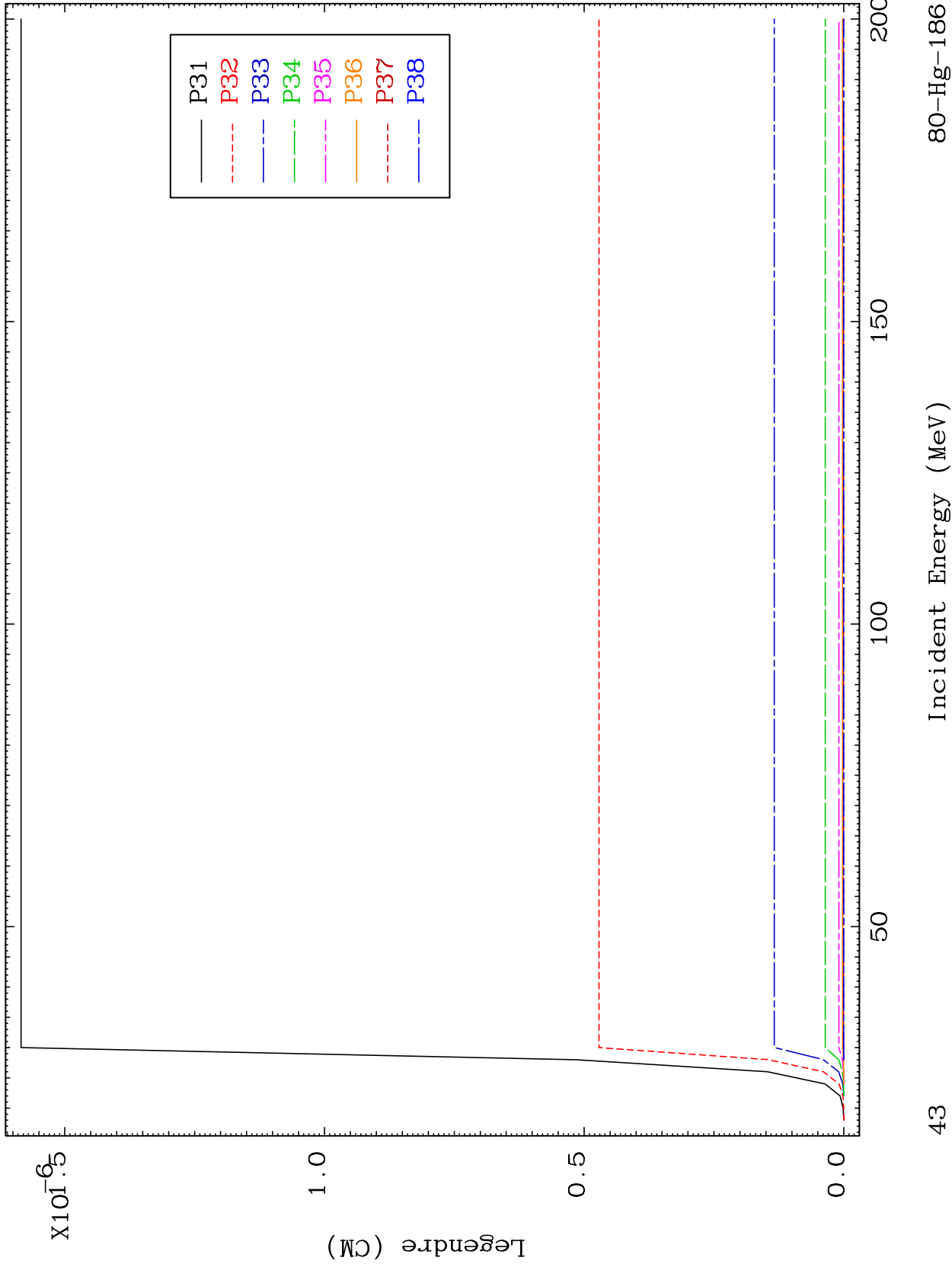
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186

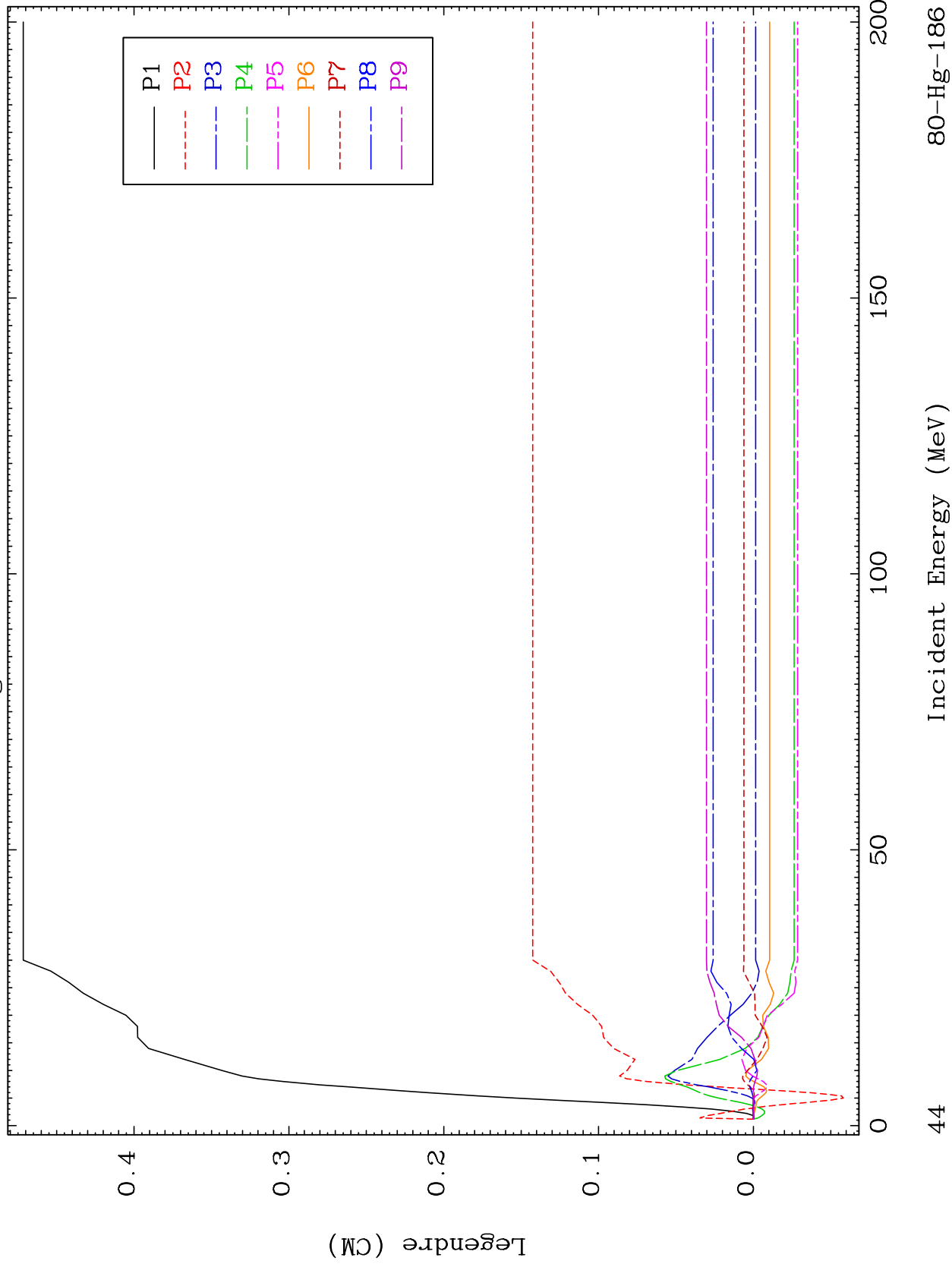


43

MAT 7995

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

80-Hg-186



44

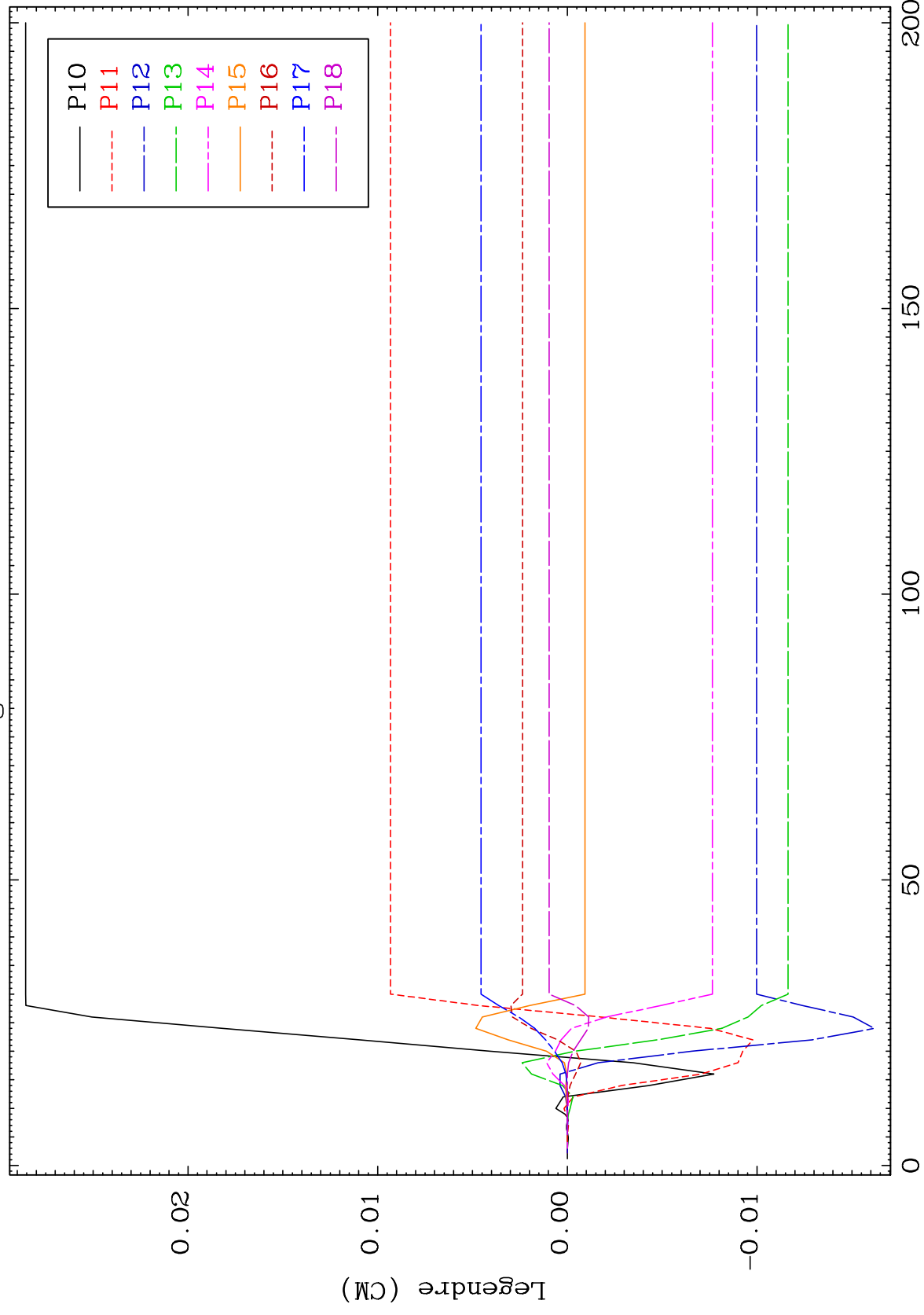
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



80-Hg-186

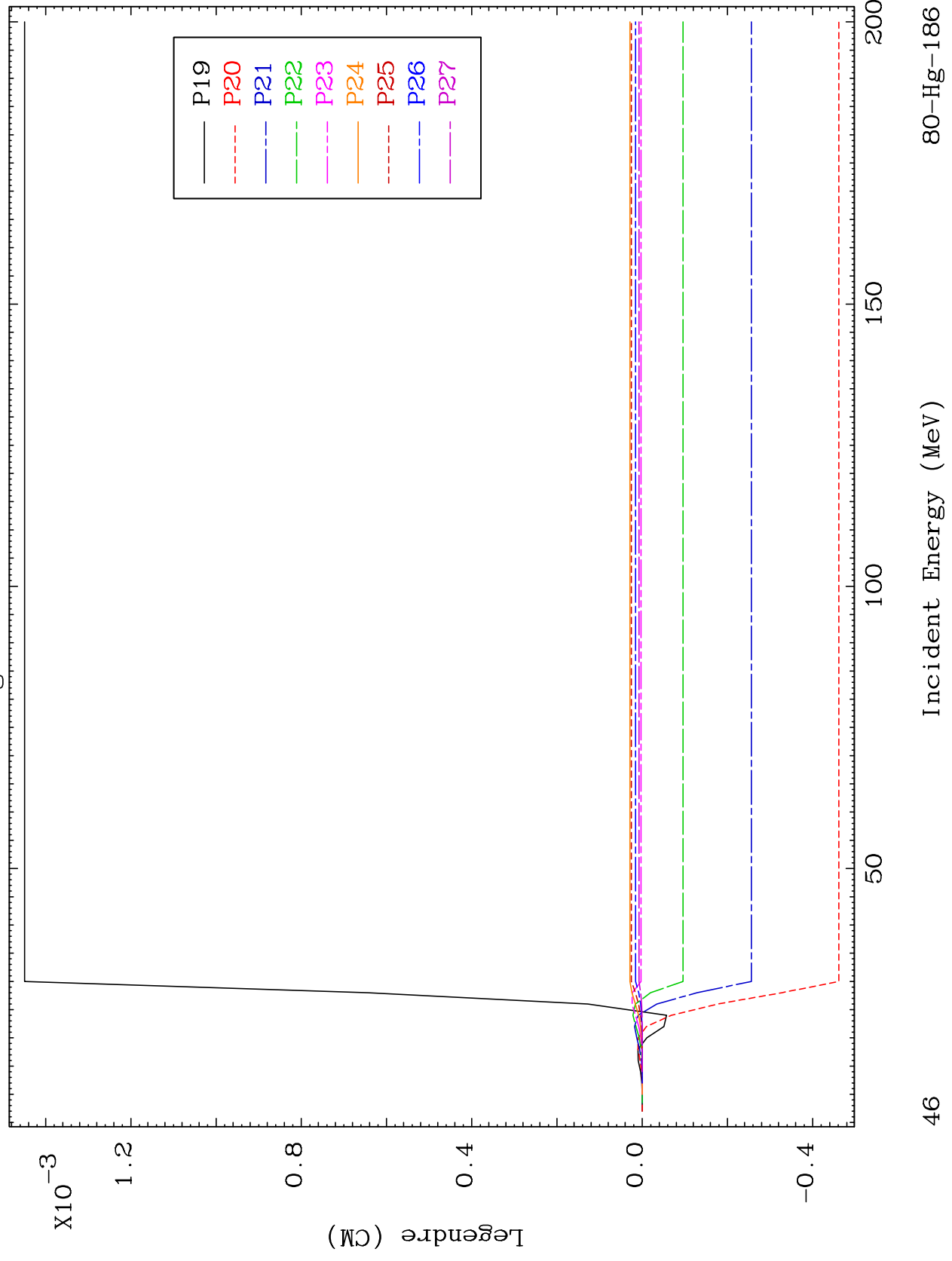
Incident Energy (MeV)

45

MAT 7995

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

80-Hg-186



46

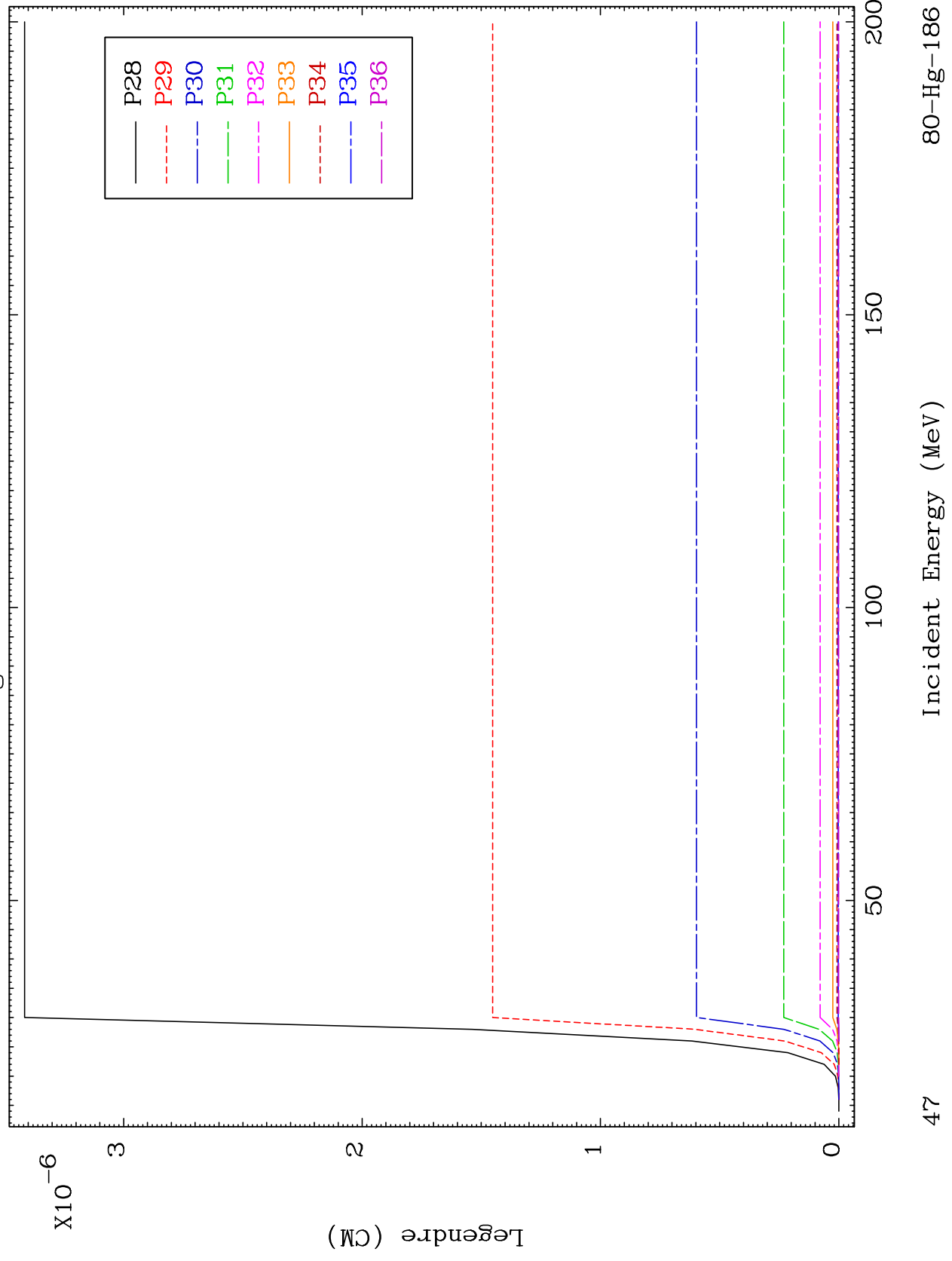
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



47

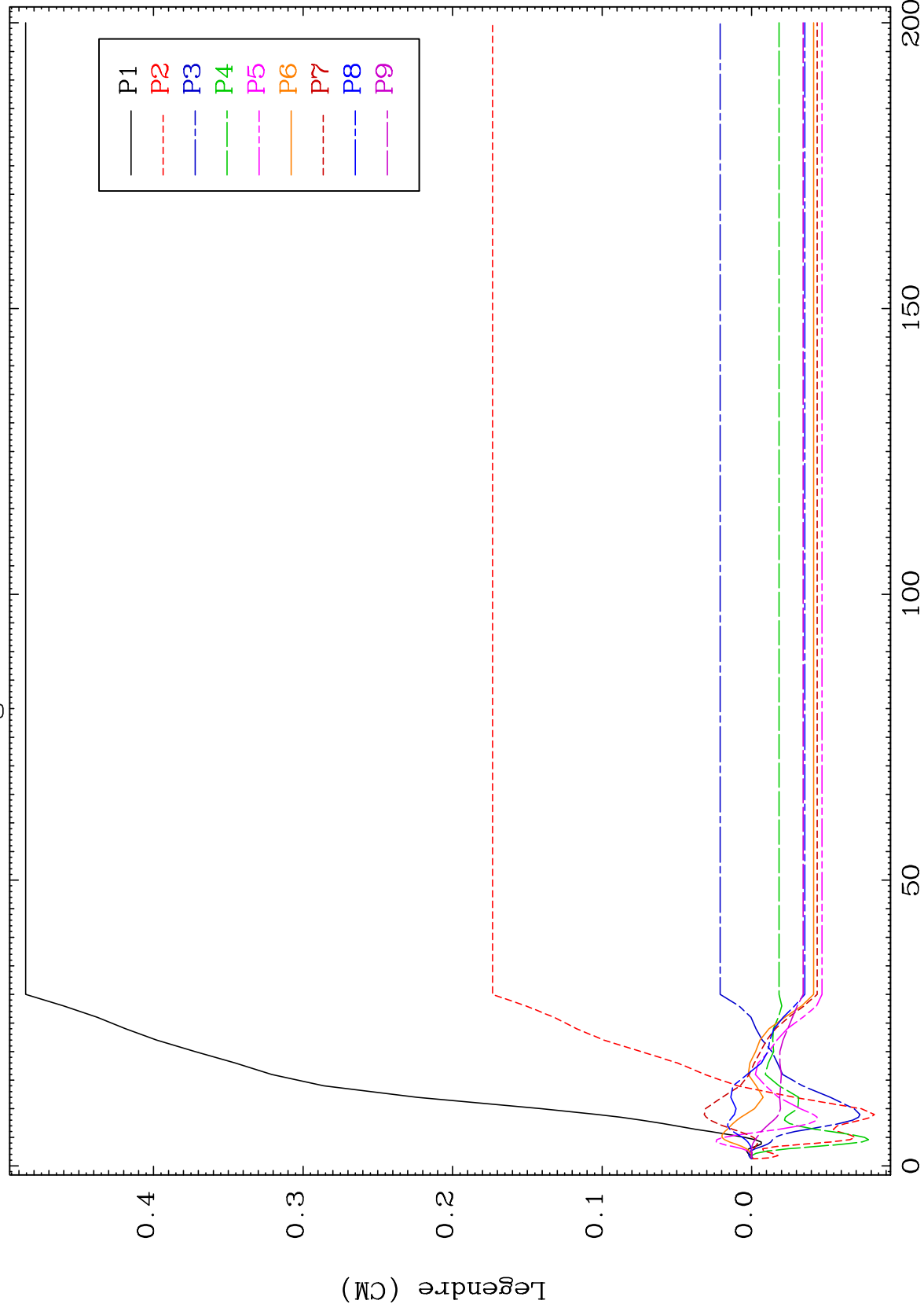
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



48

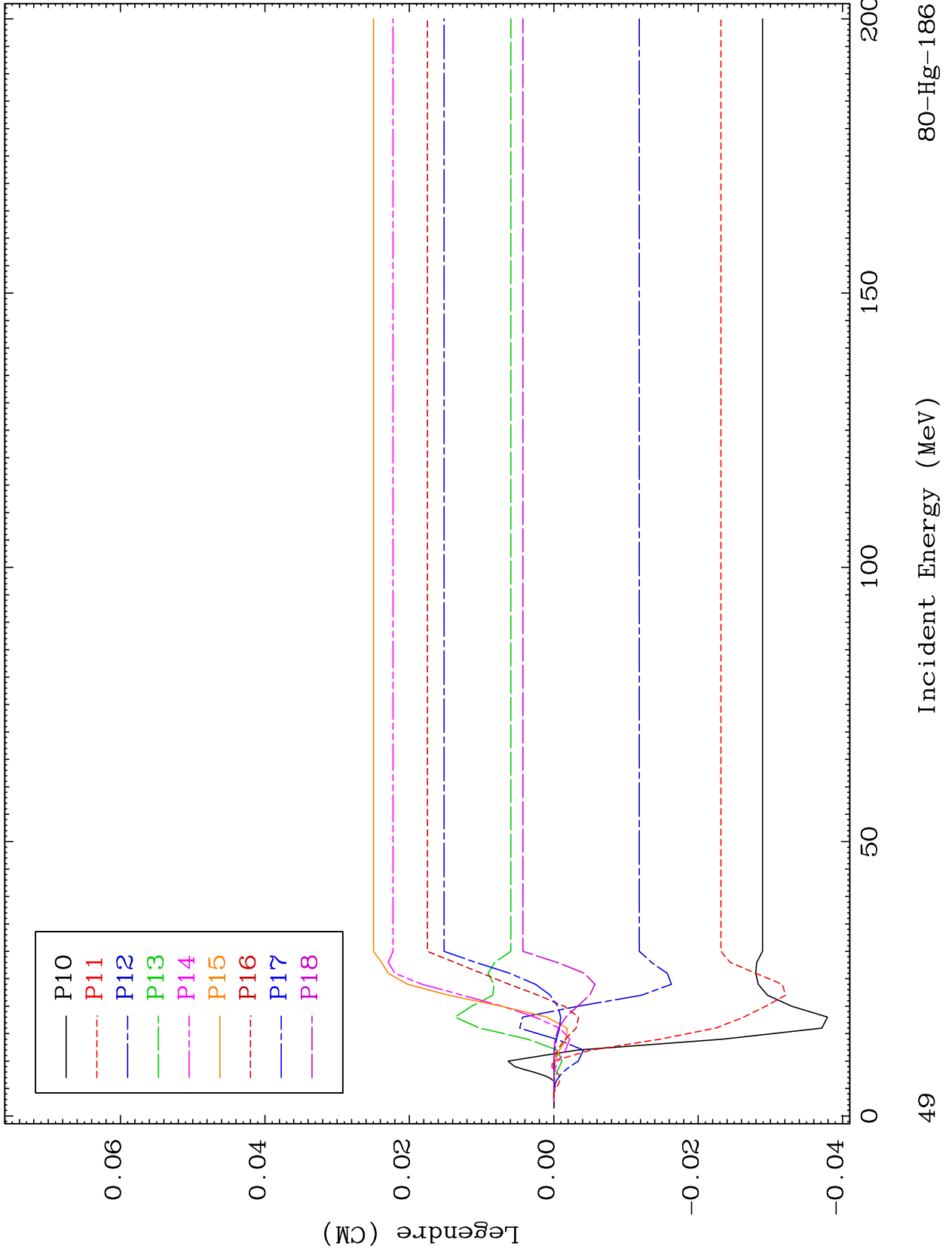
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



80-Hg-186

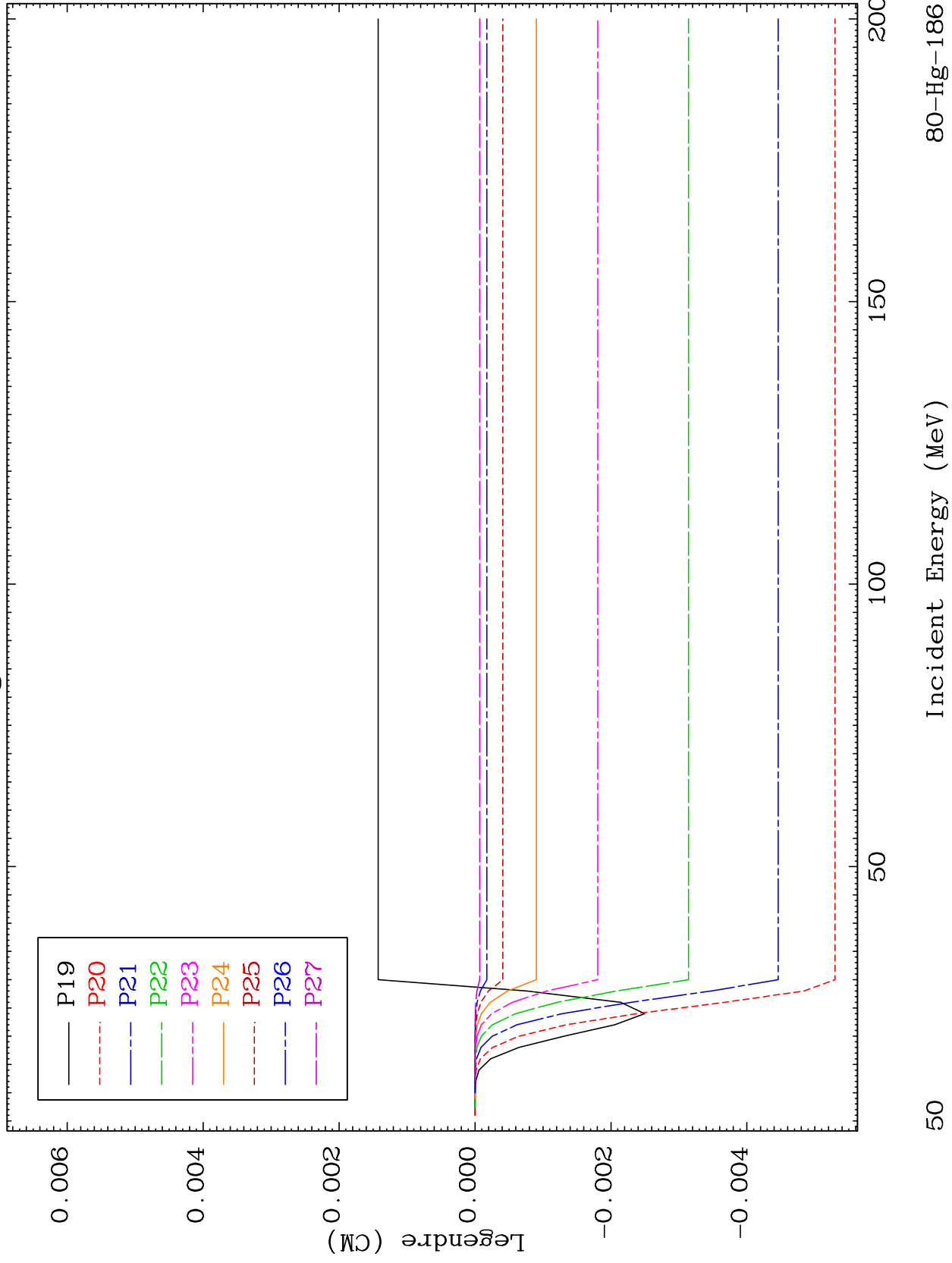
Incident Energy (MeV)

49

MAT 7995

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

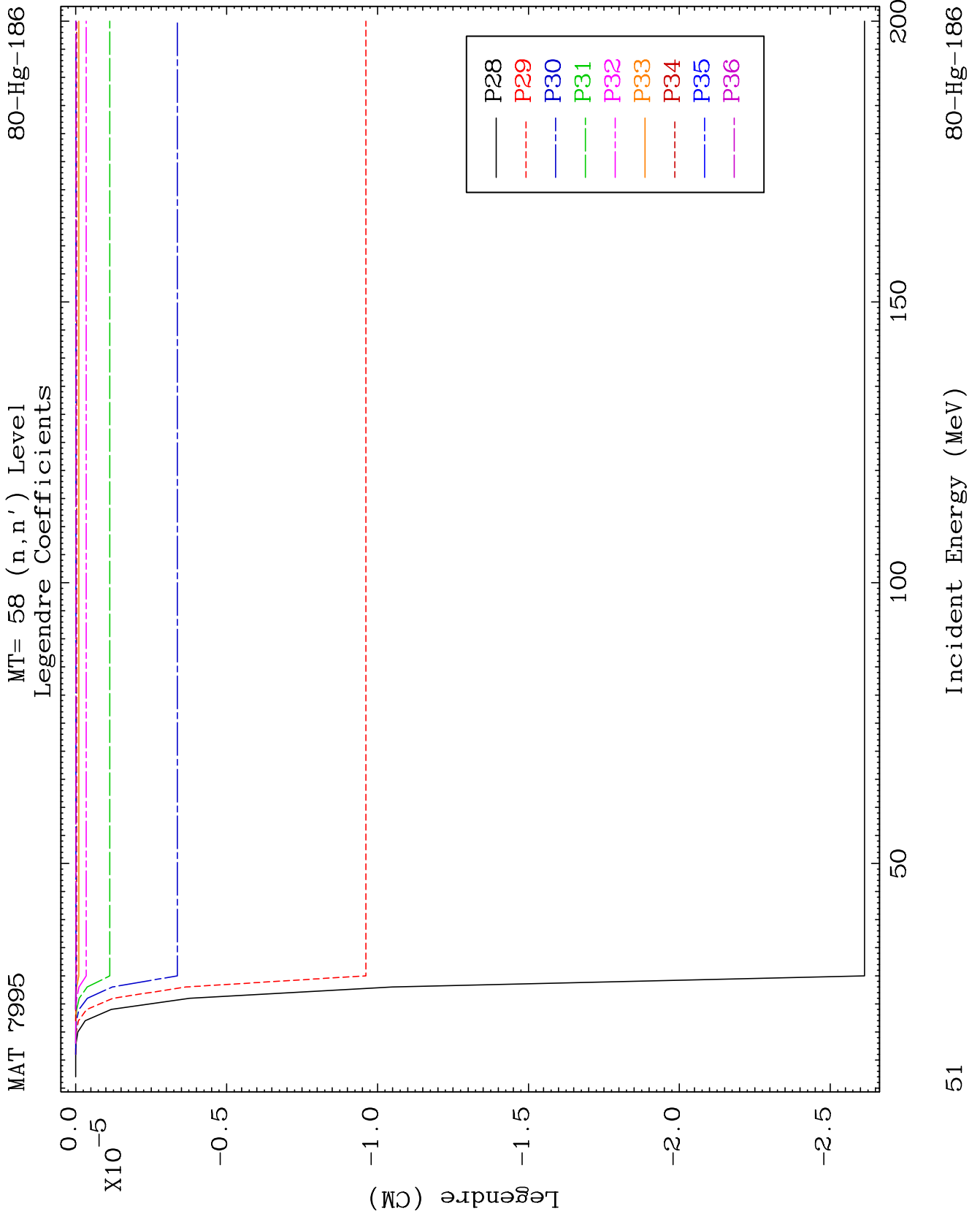
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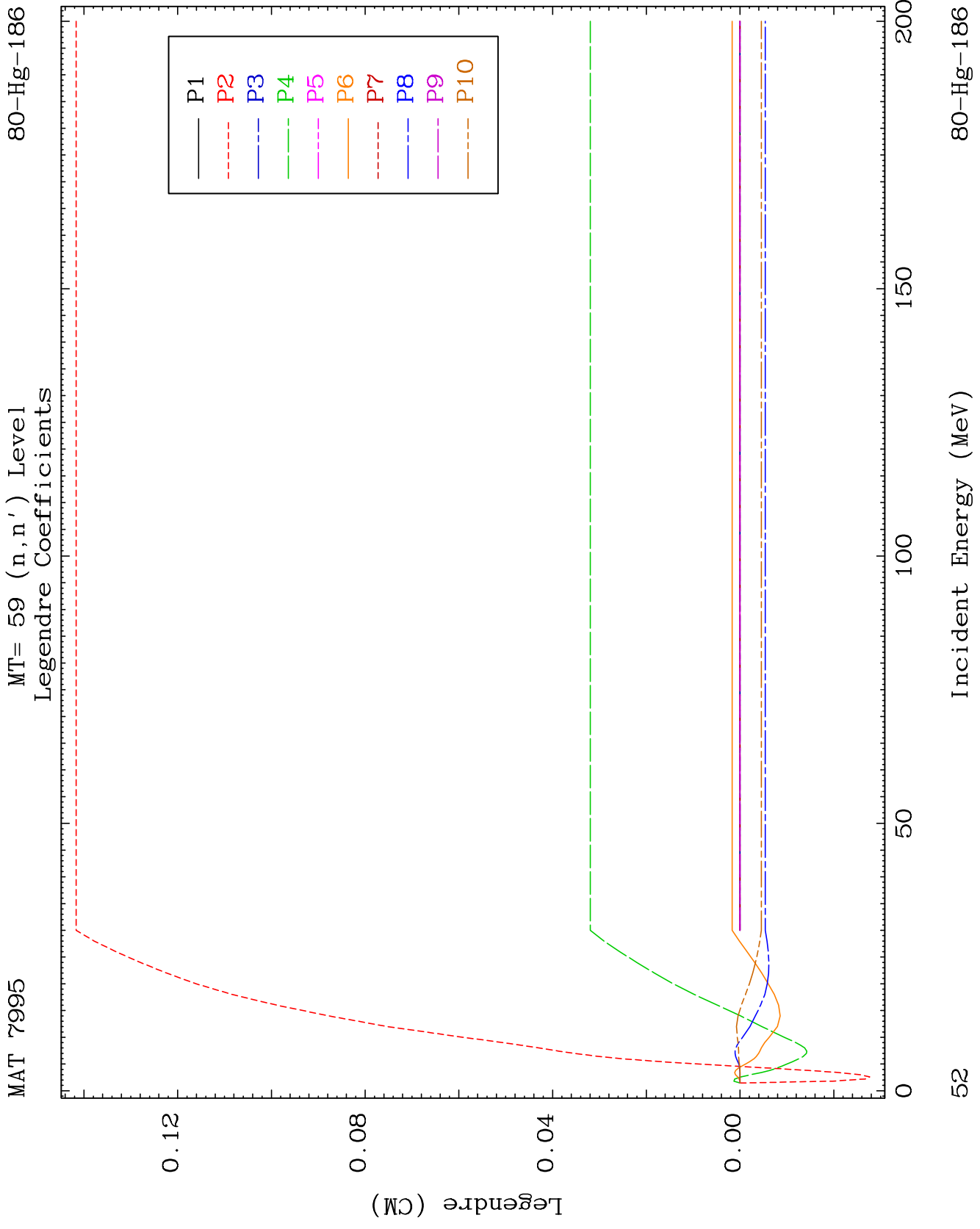


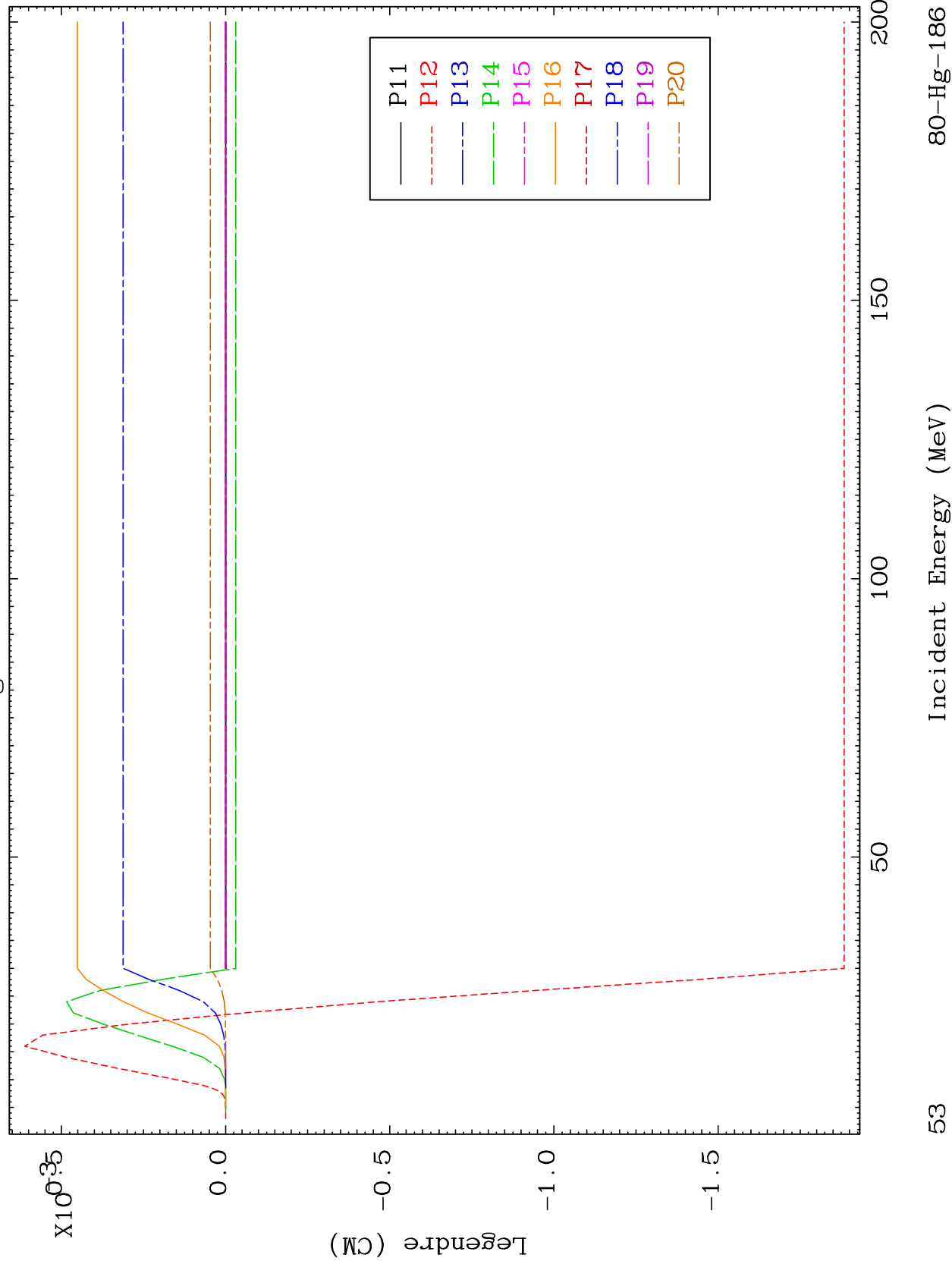
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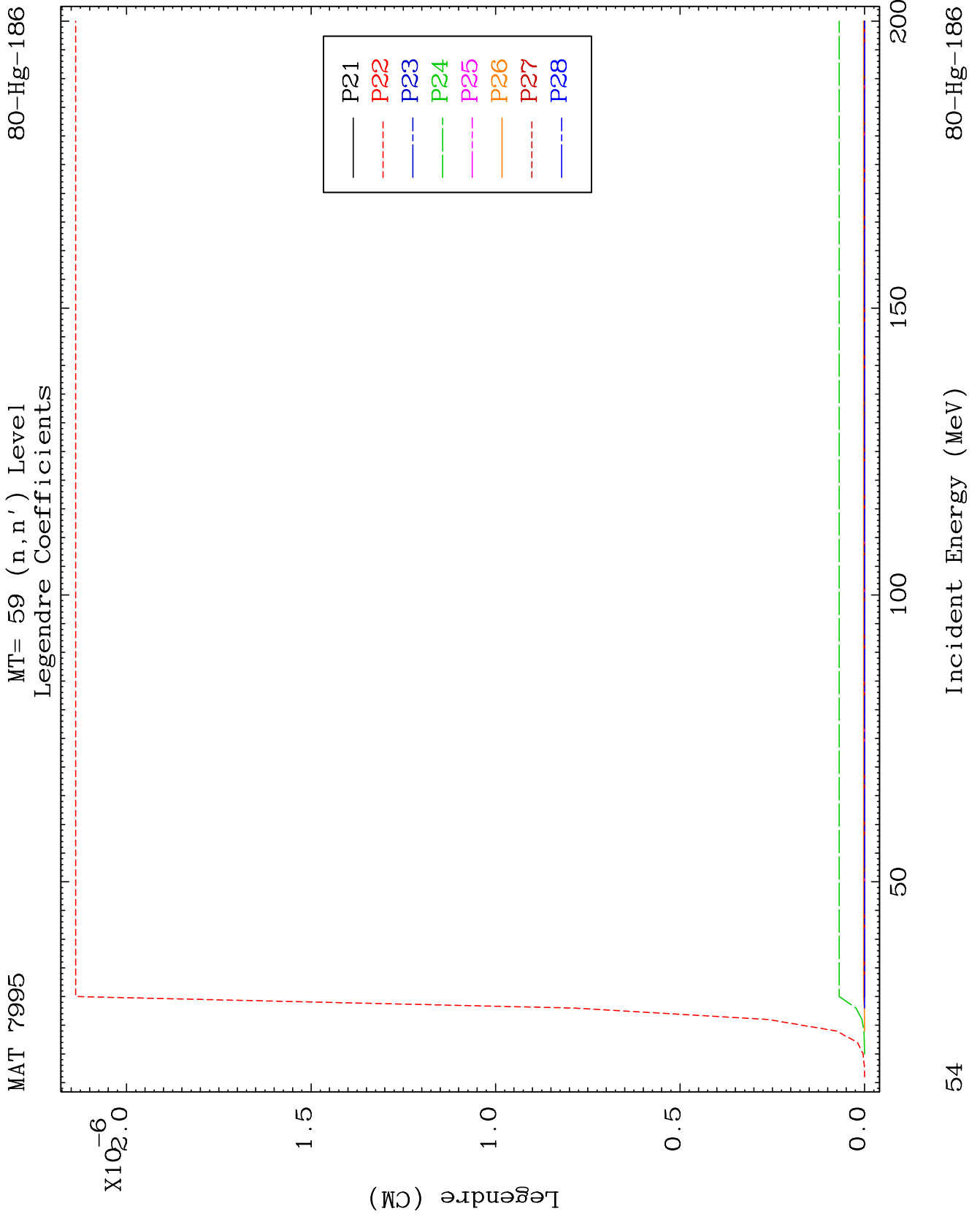
Incident Energy (MeV)

80-Hg-186





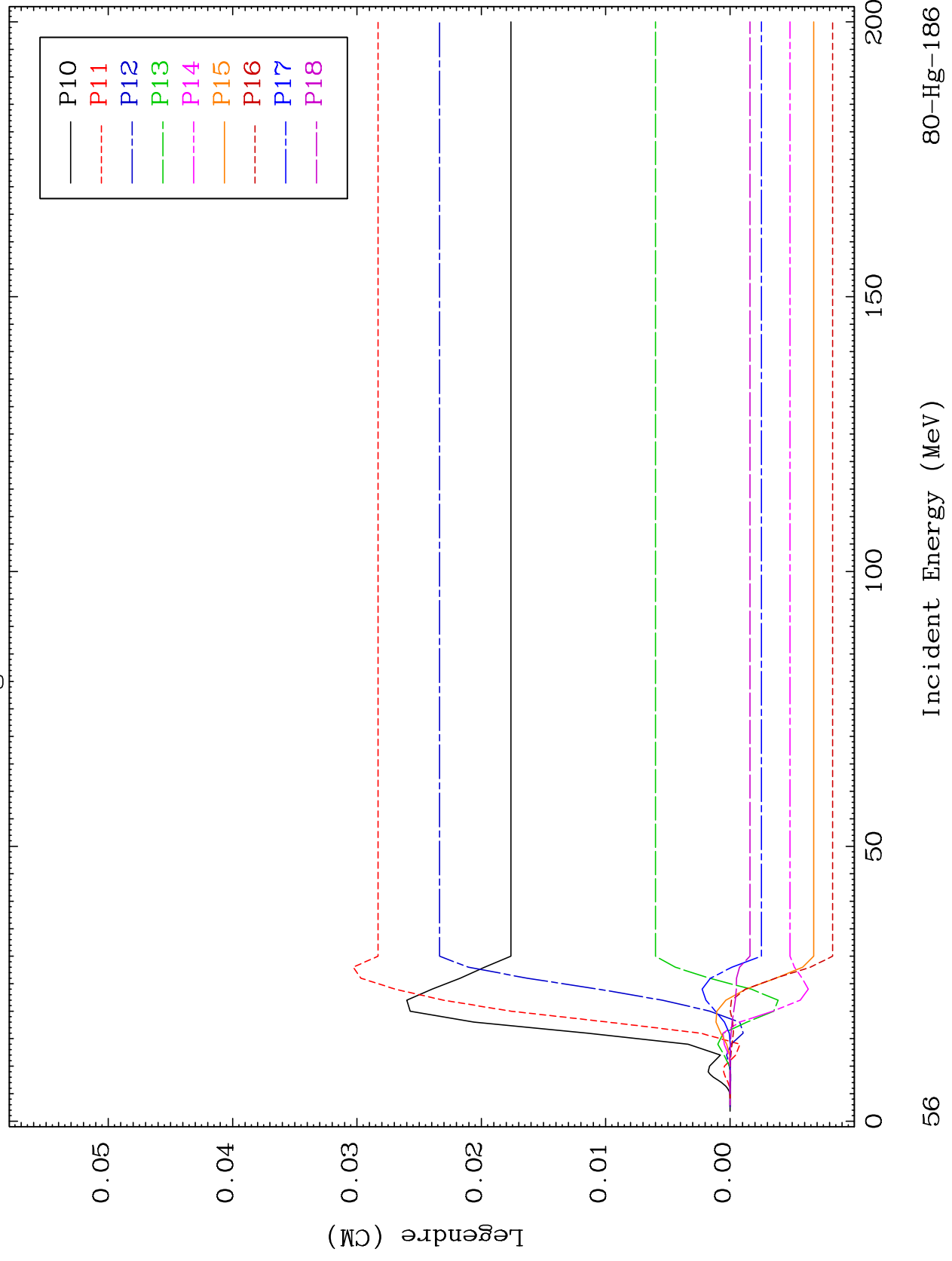




MAT 7995

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

80-Hg-186



56

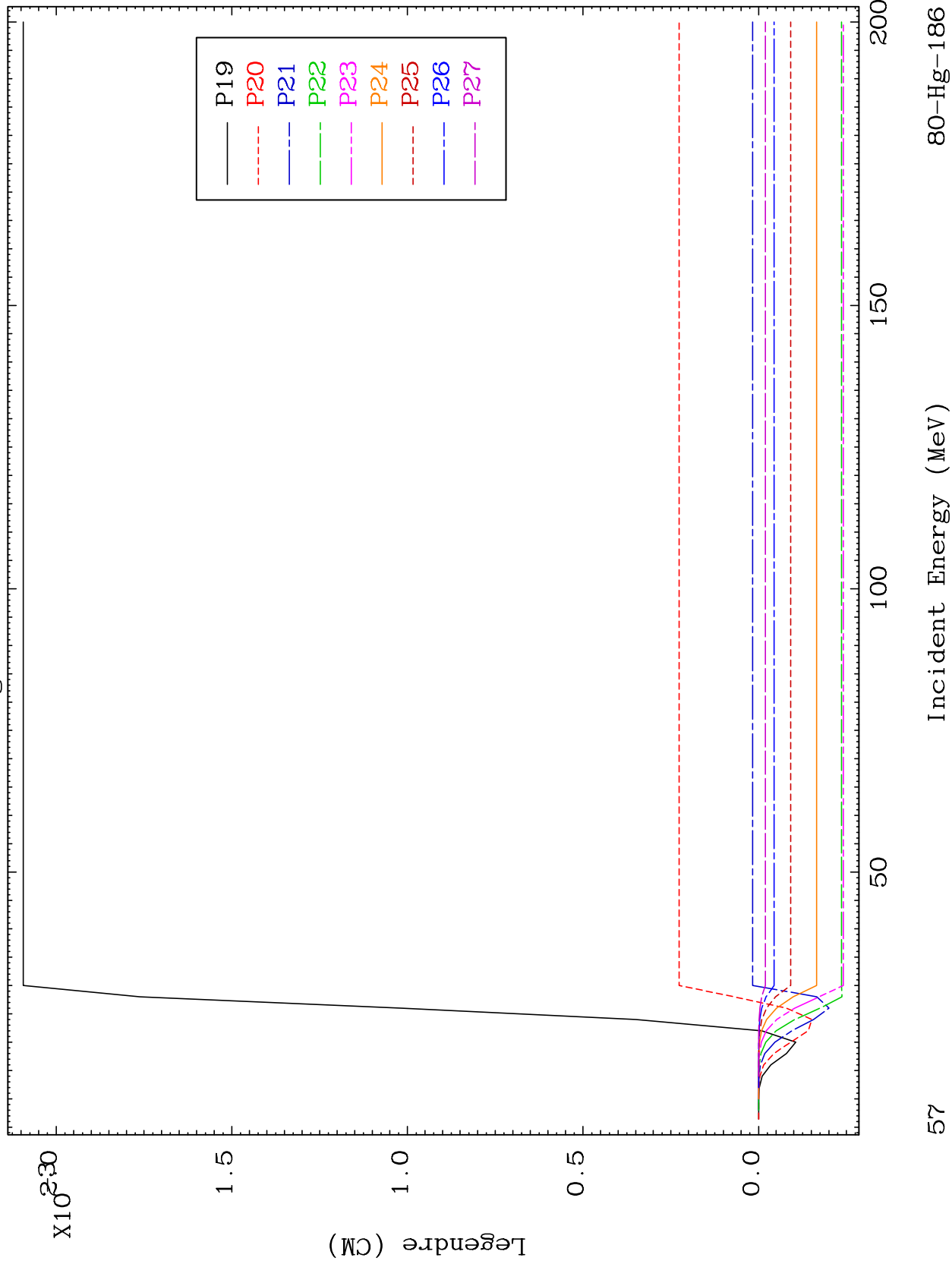
Incident Energy (MeV)

80-Hg-186

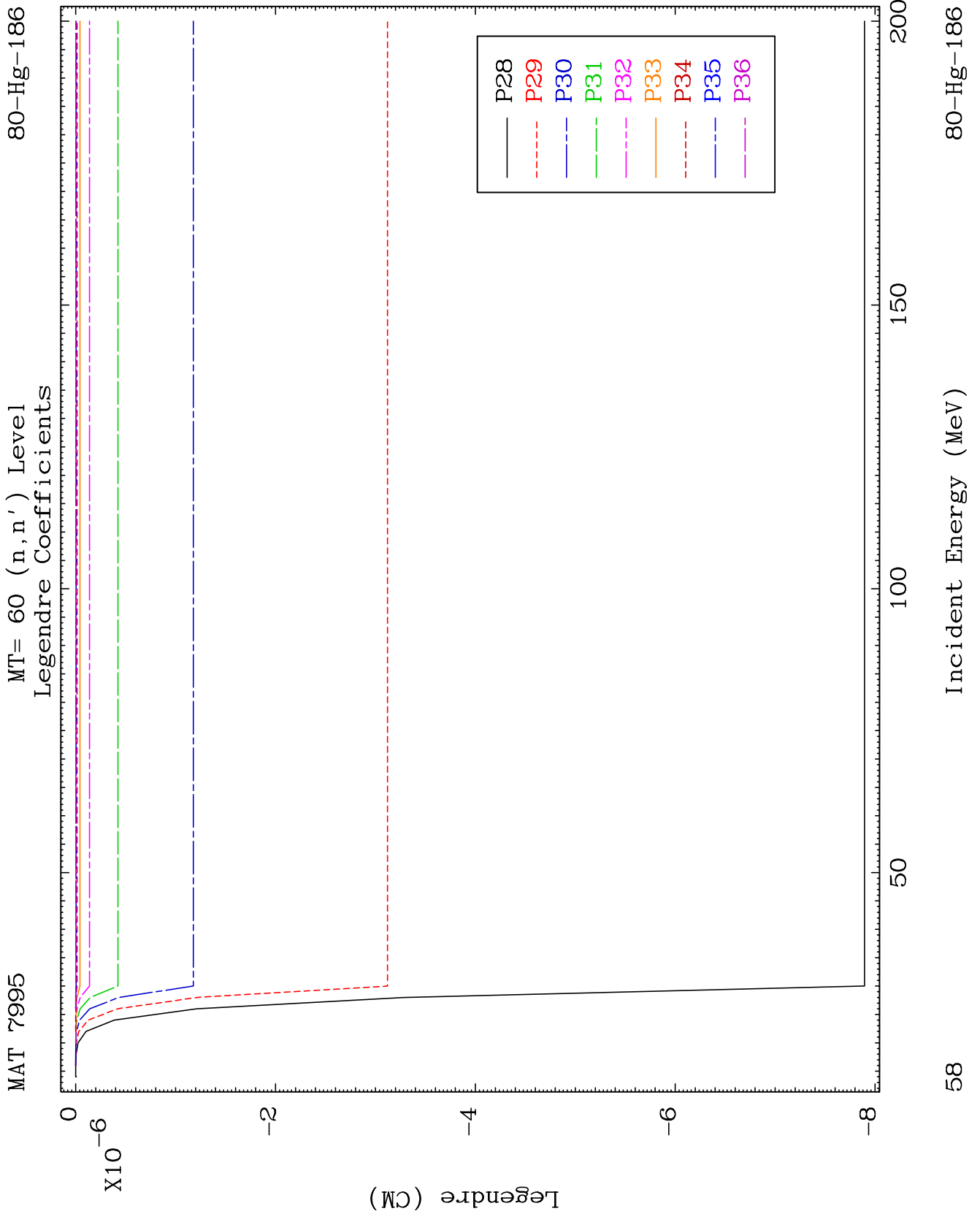
MAT 7995

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

80-Hg-186



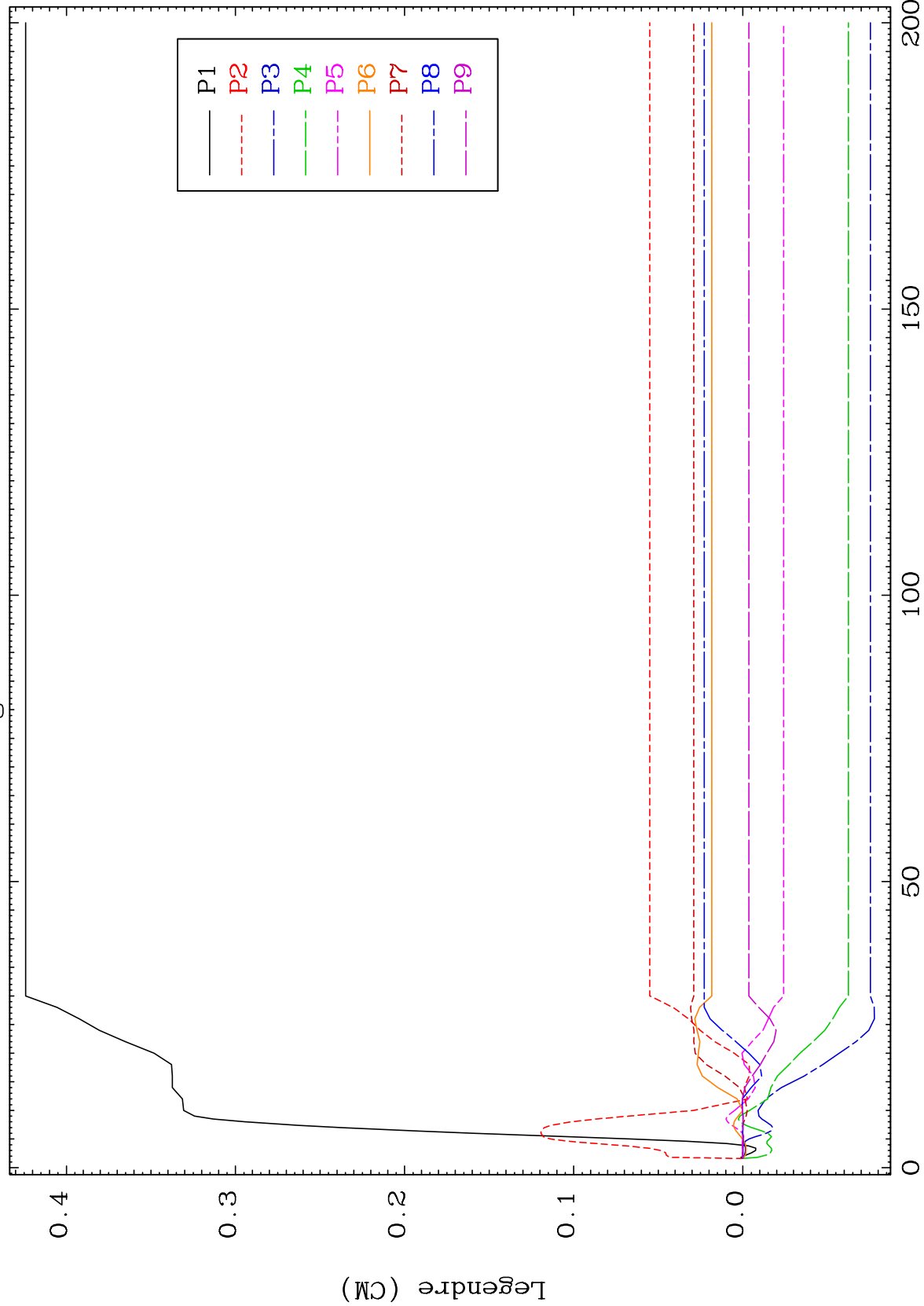
57



MAT 7995

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

80-Hg-186



59

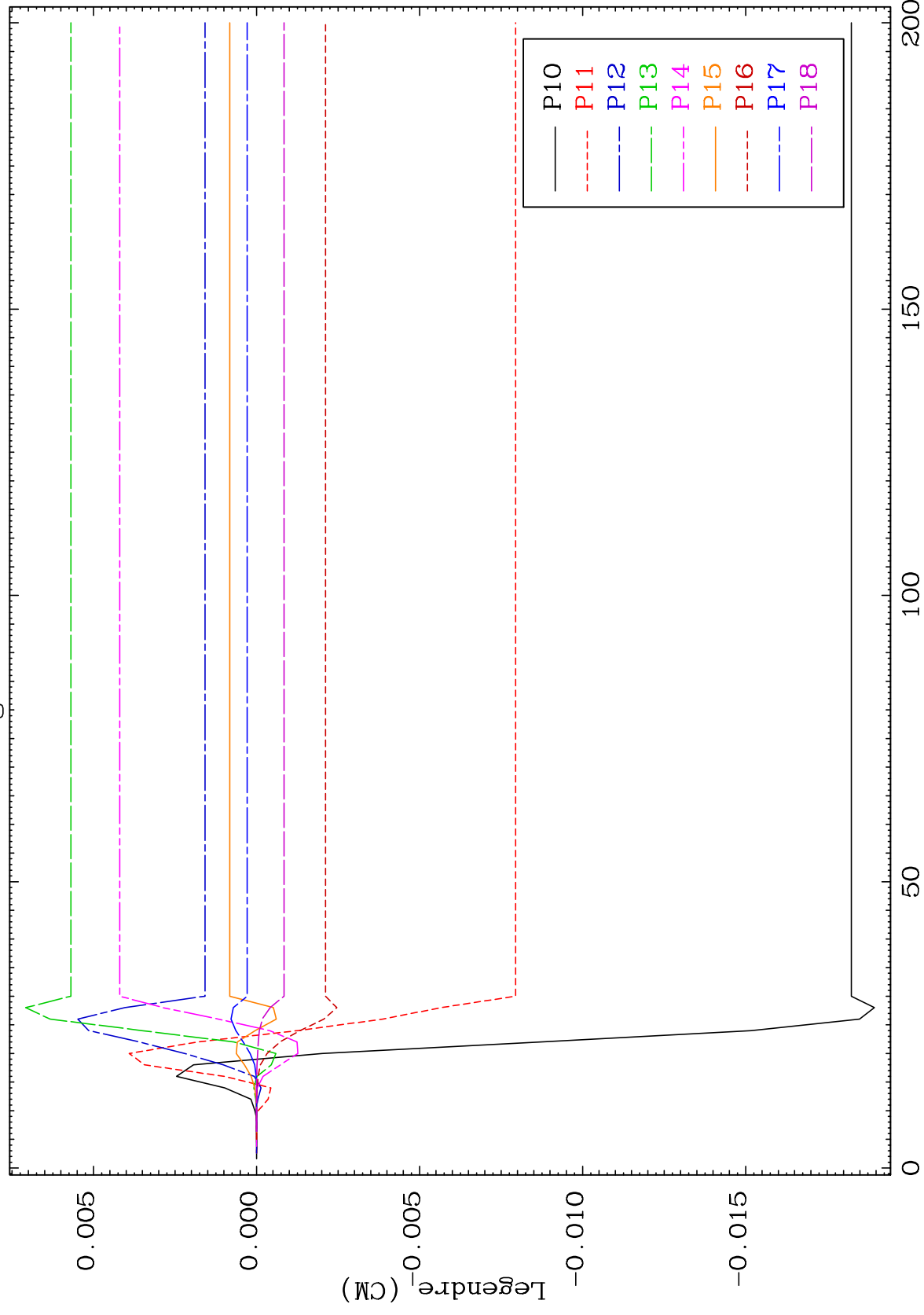
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



80-Hg-186

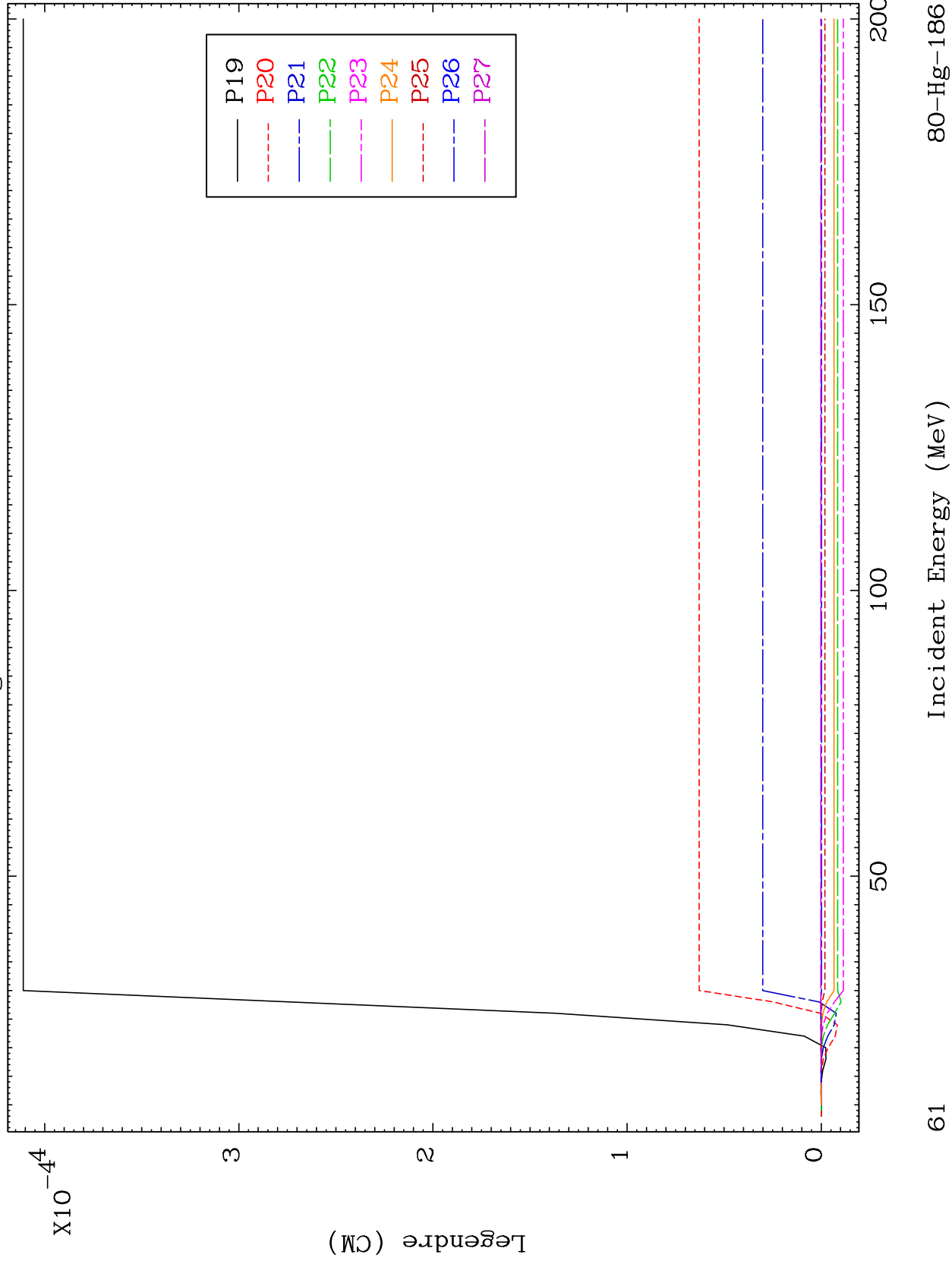
Incident Energy (MeV)

60

MAT 7995

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

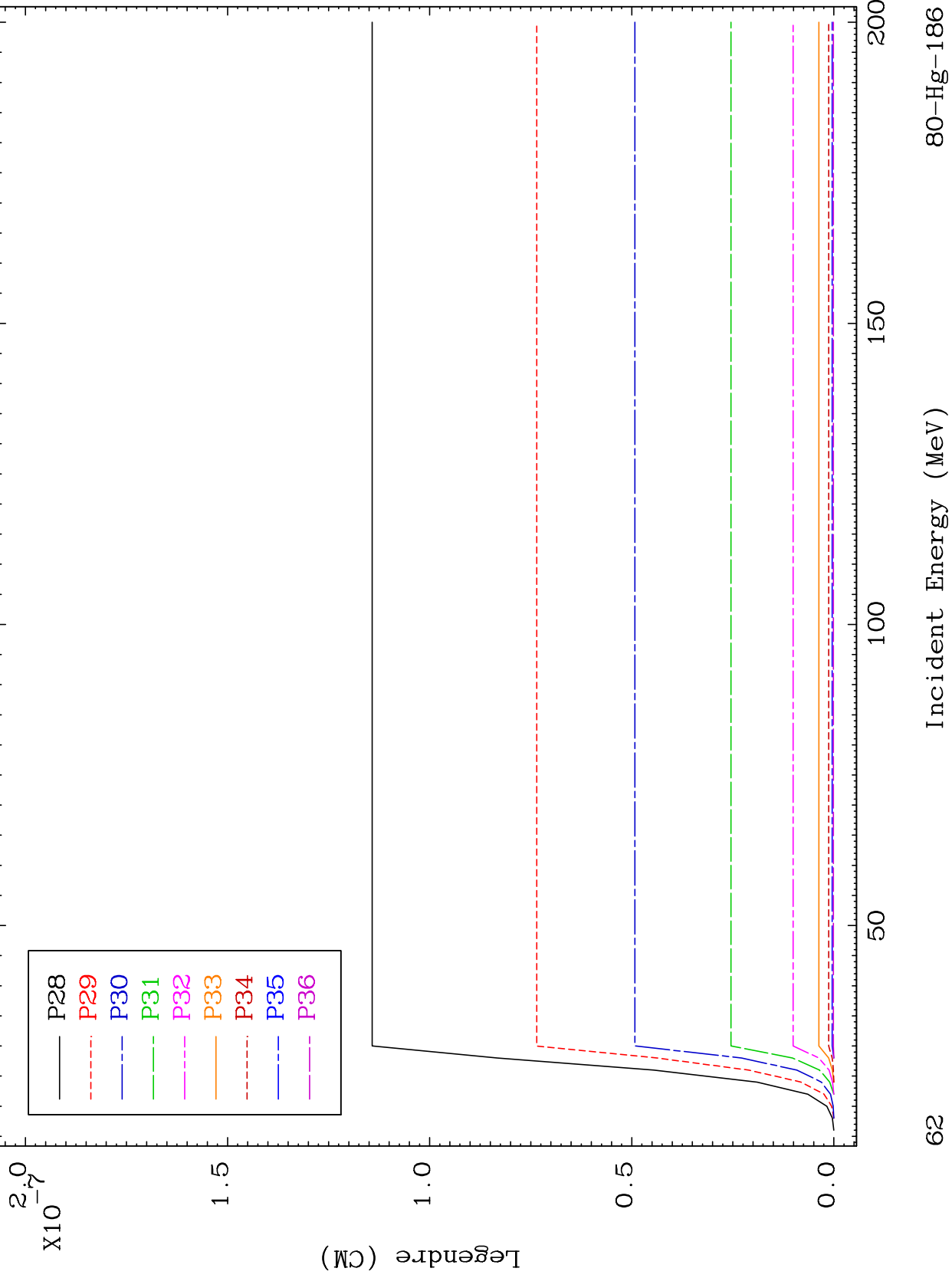
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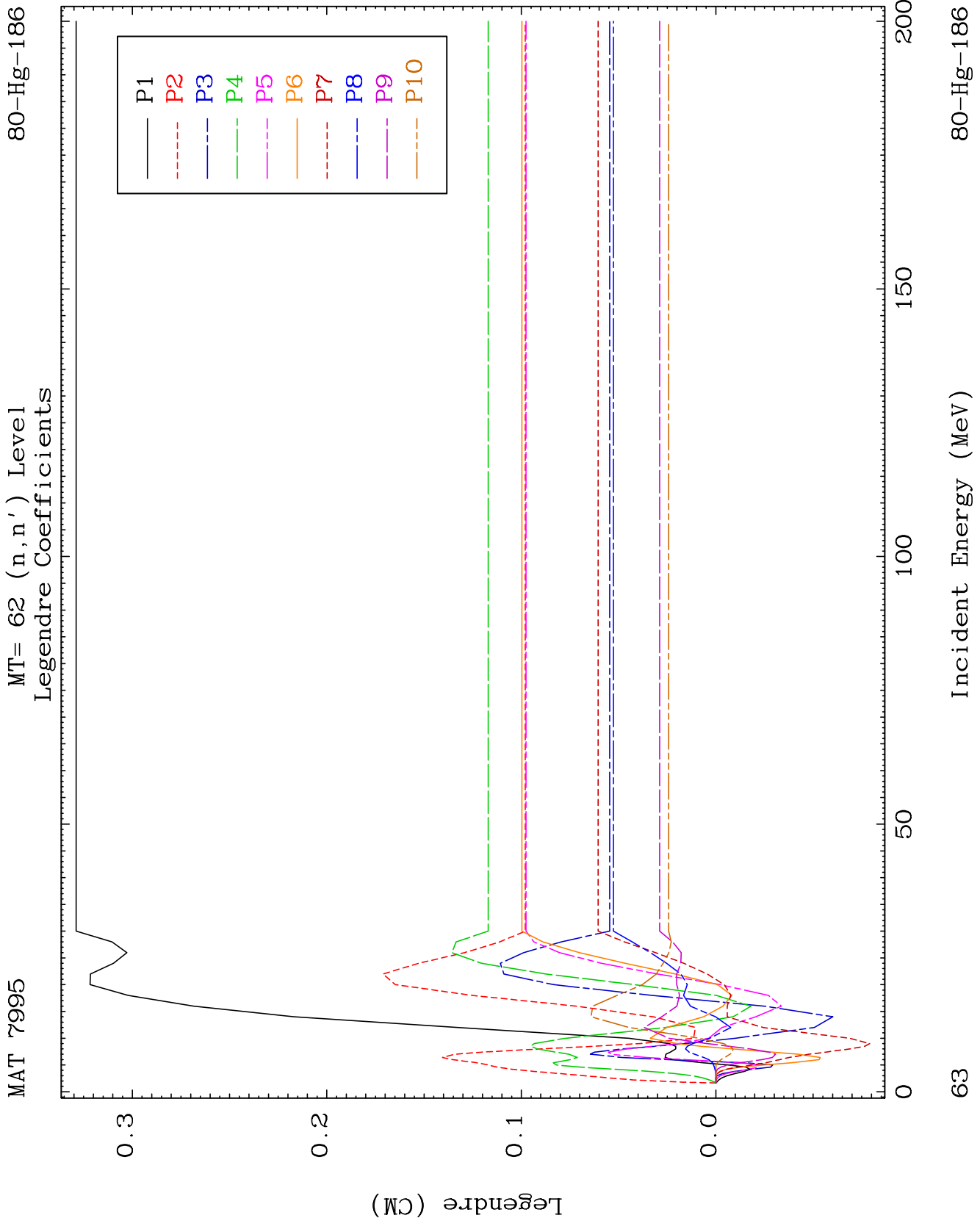


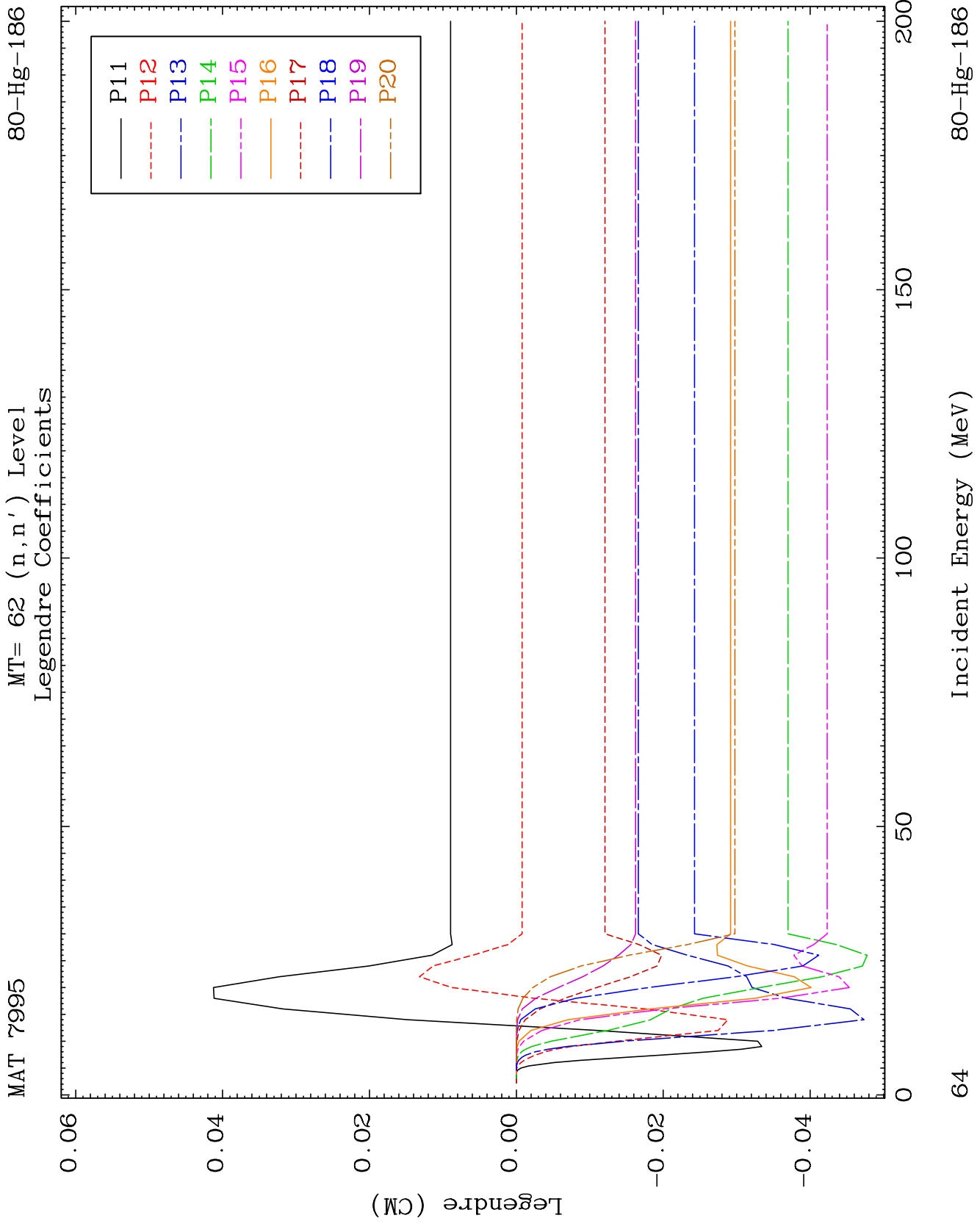
MAT 7995

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

80-Hg-186



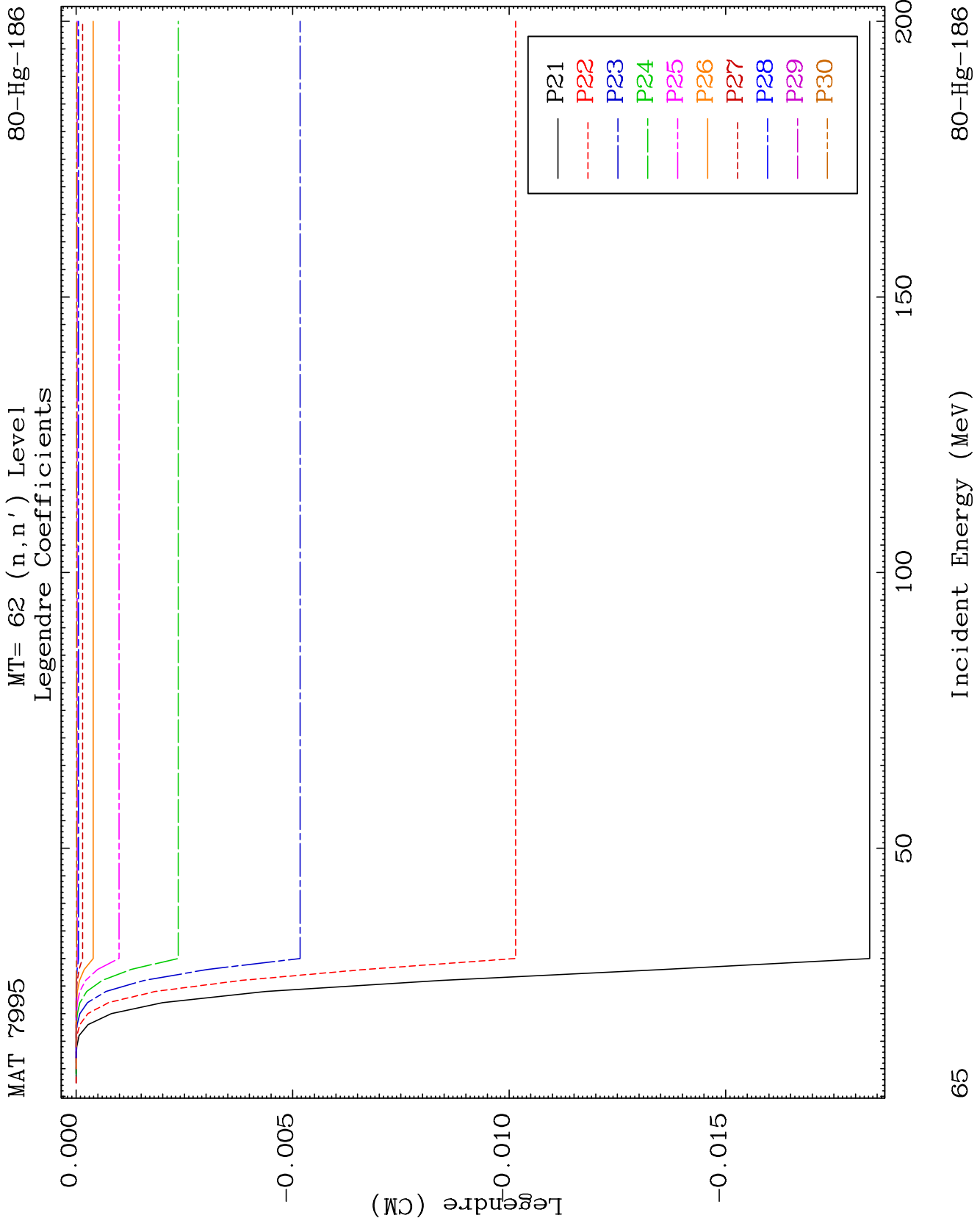


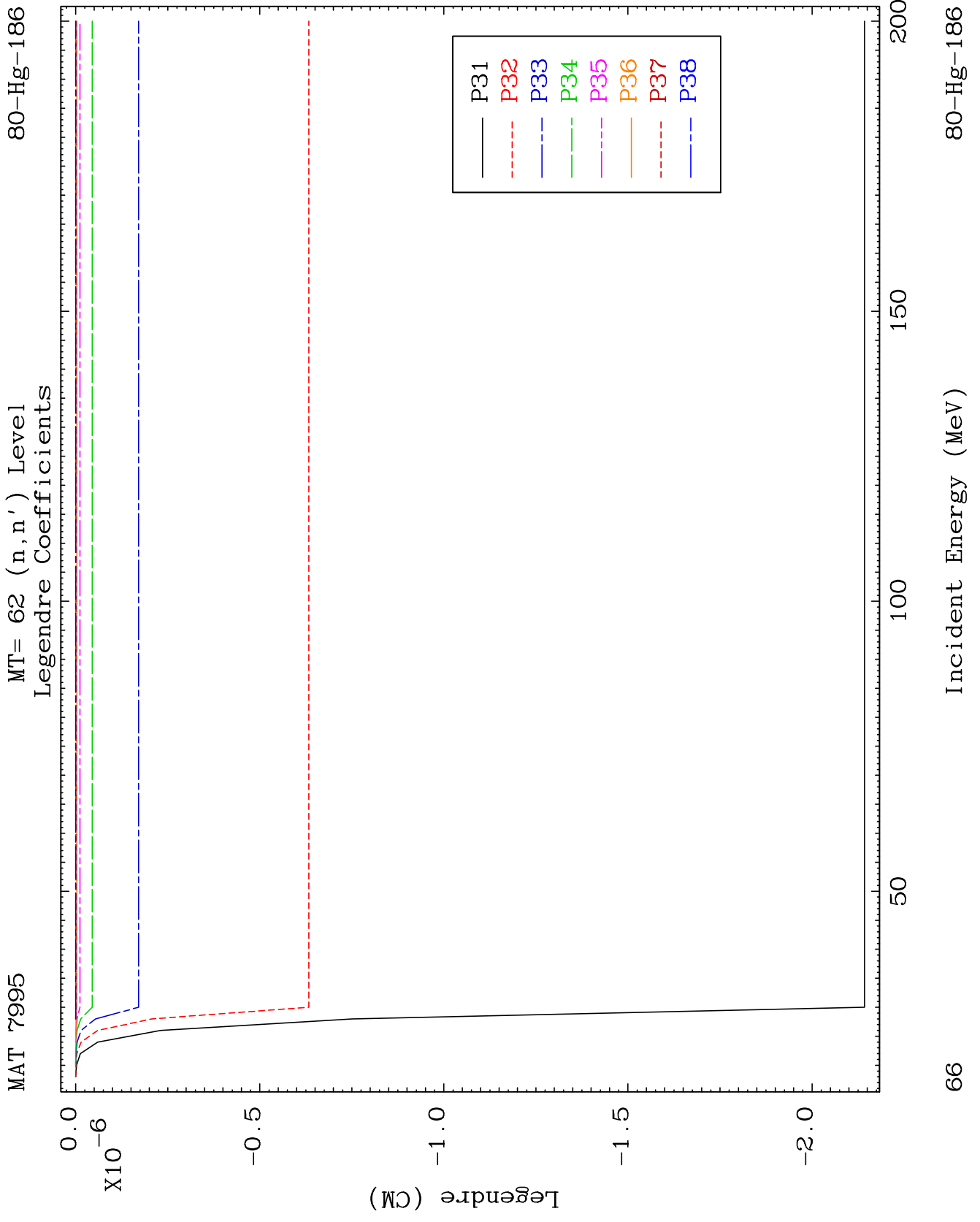


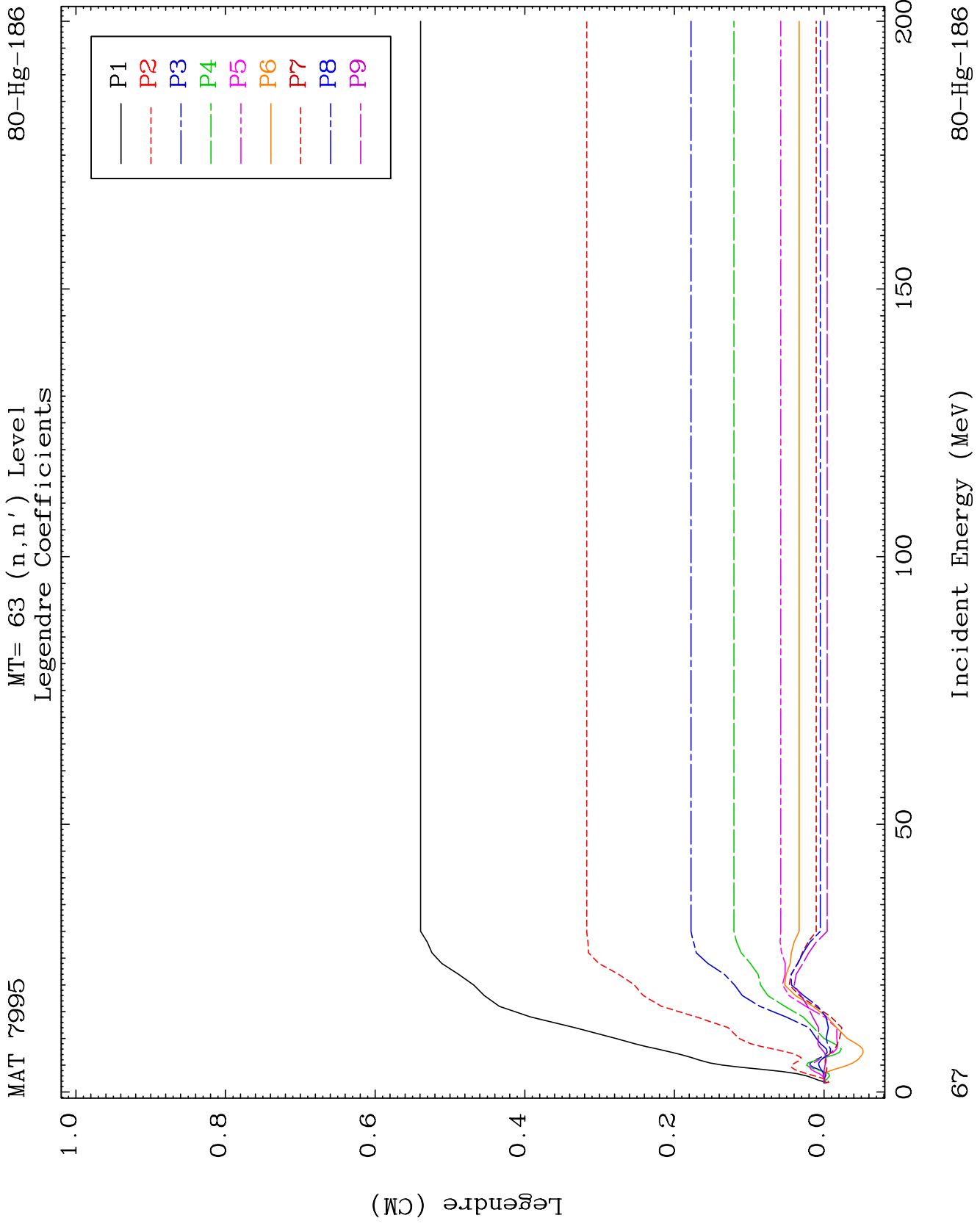
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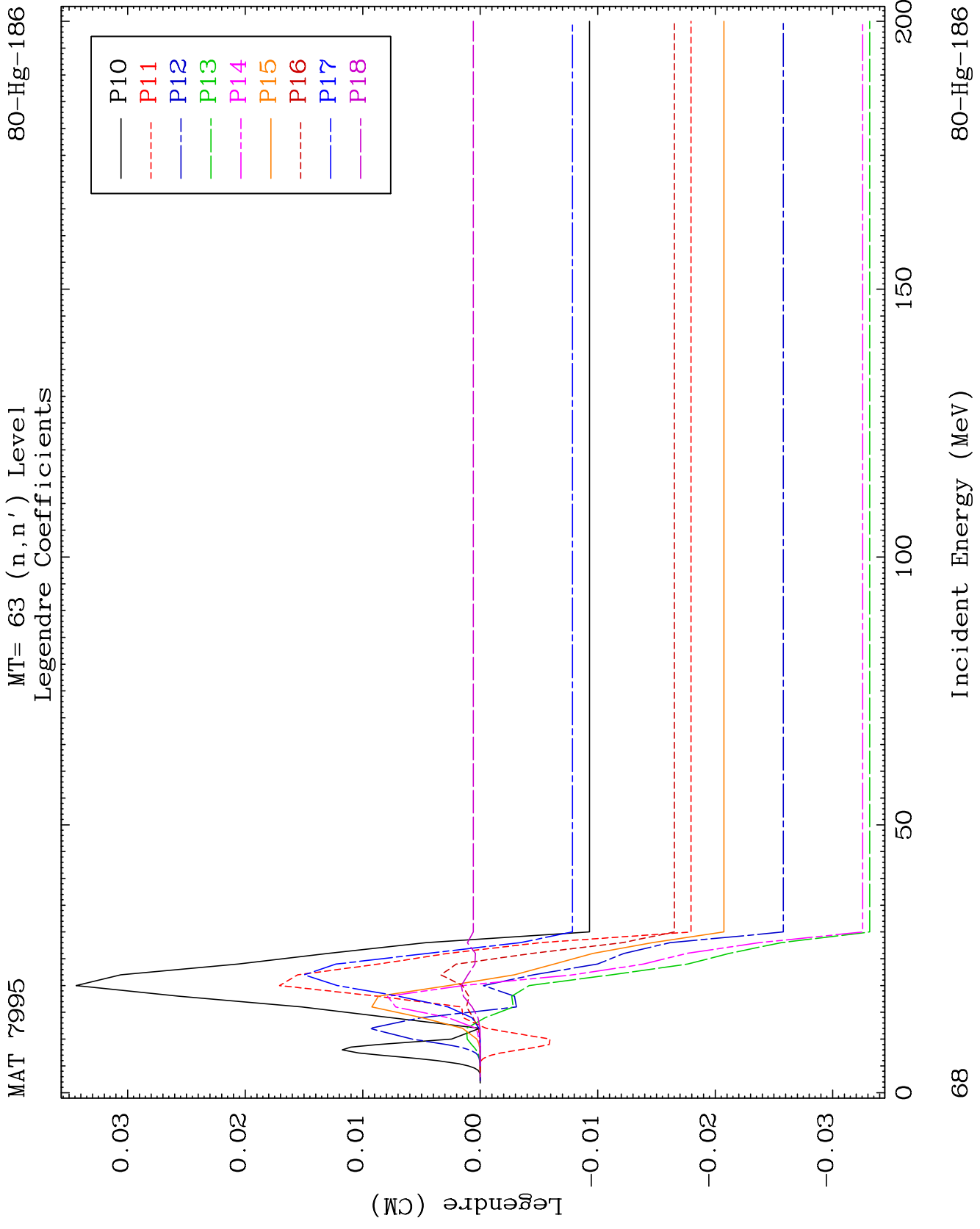
Incident Energy (MeV)

64





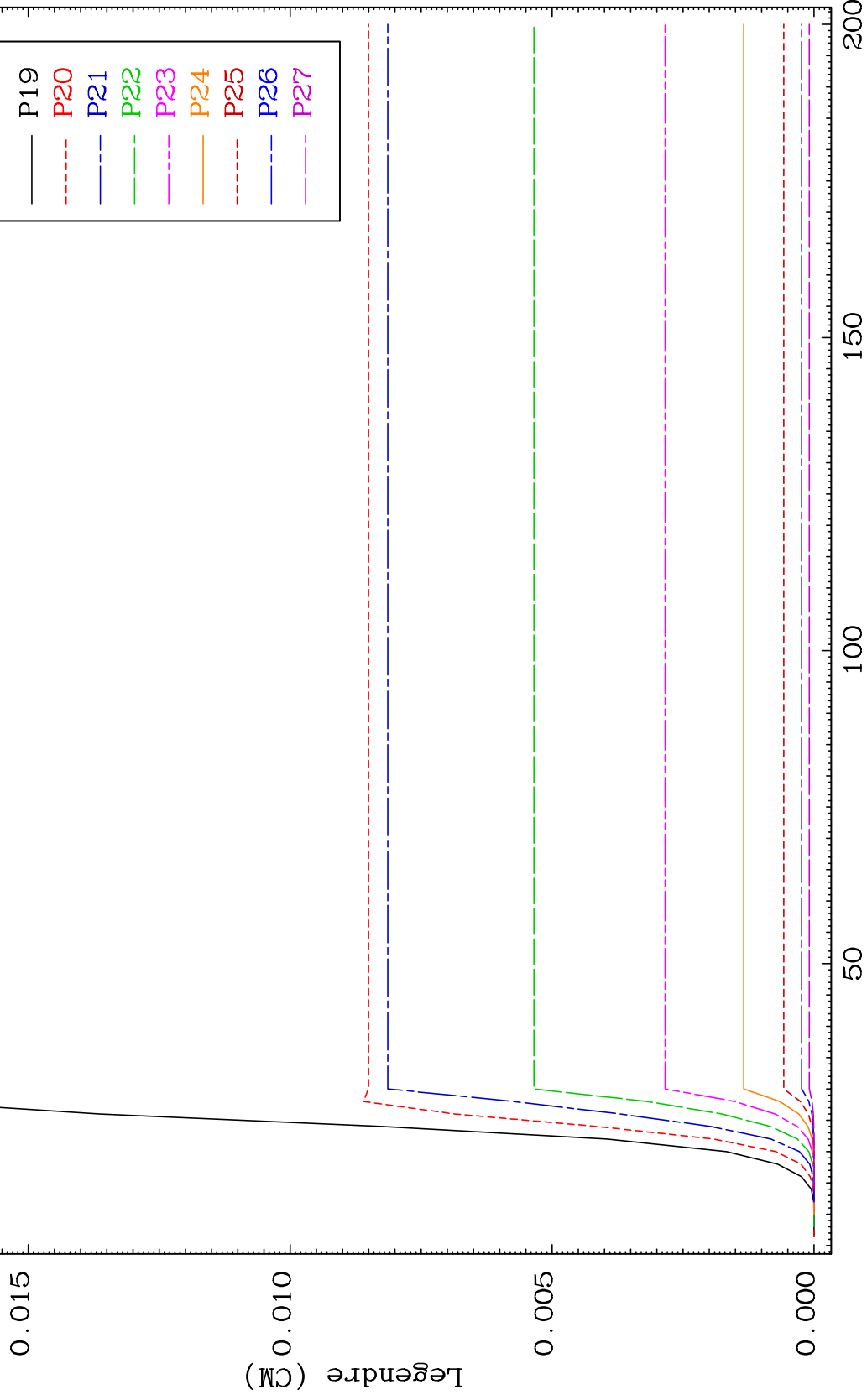




MAT 7995

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

80-Hg-186



69

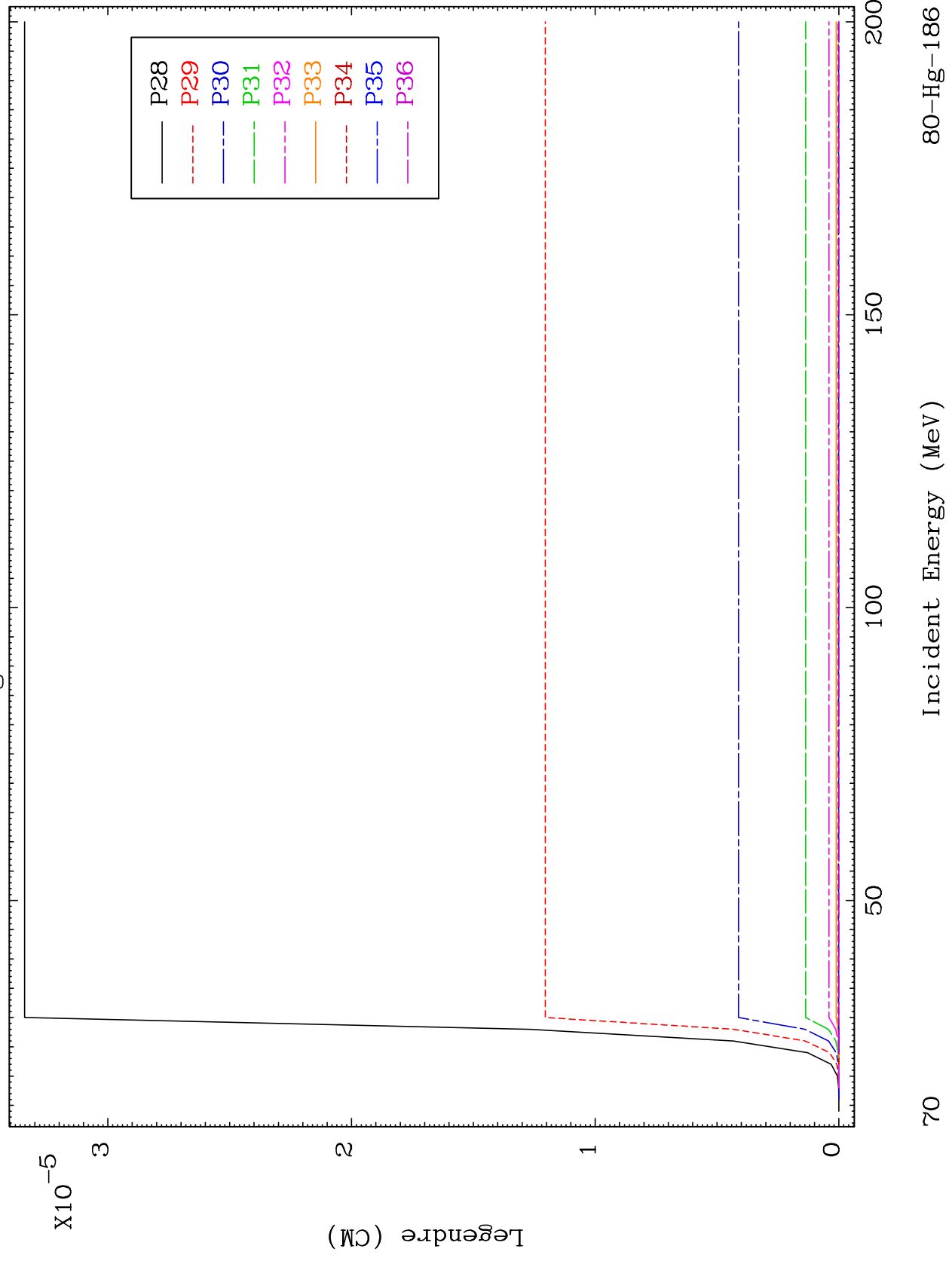
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

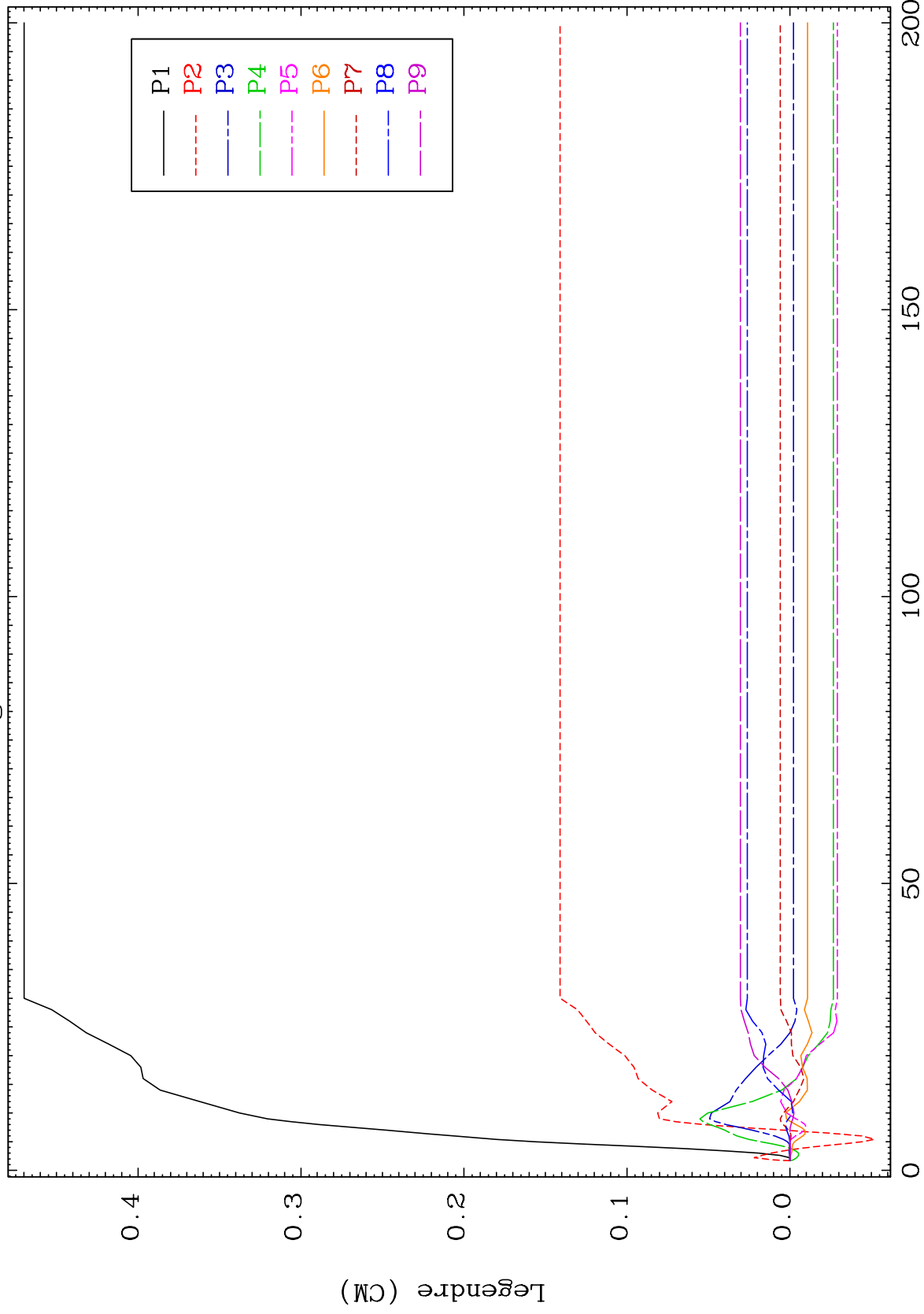
80-Hg-186



MAT 7995

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

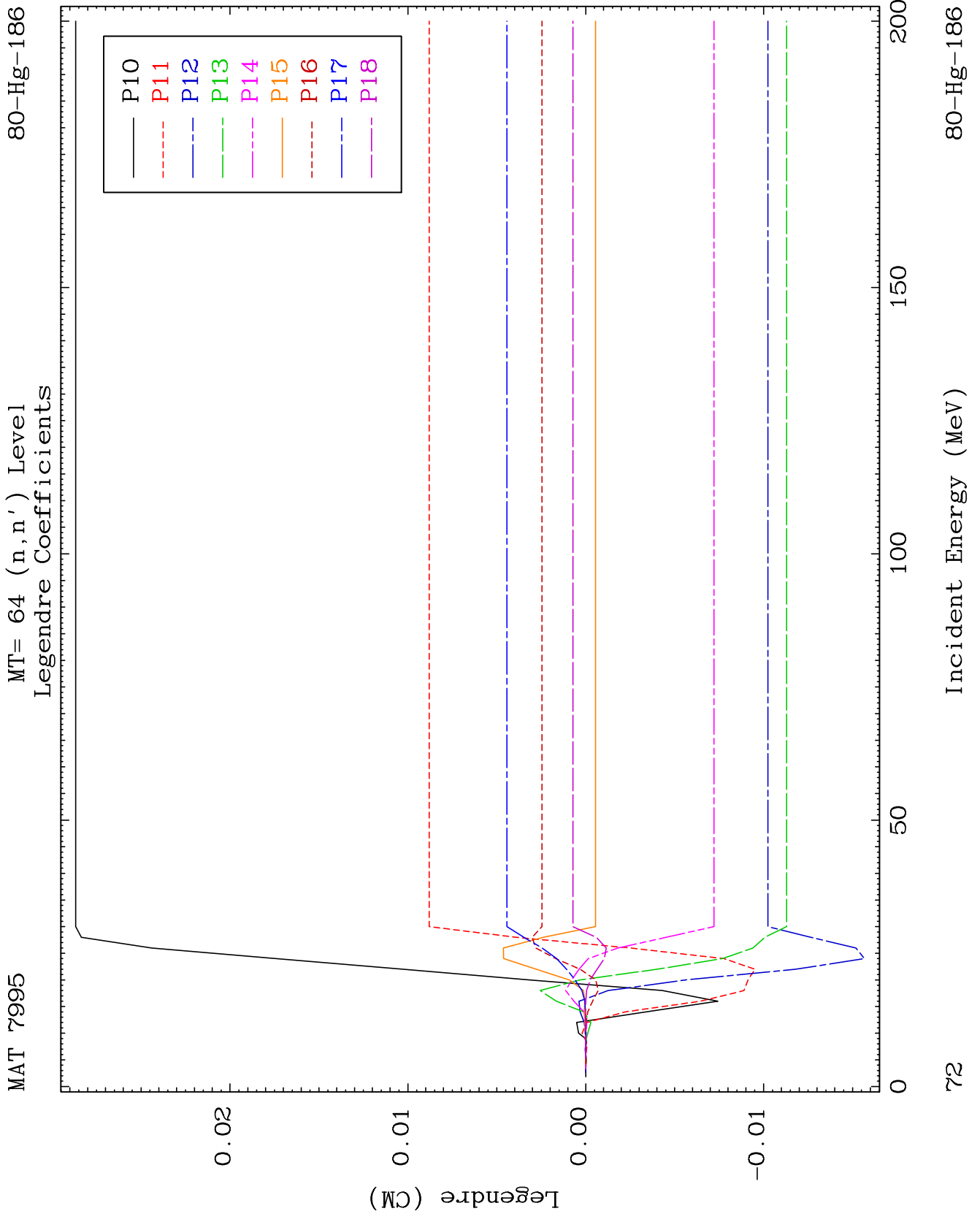
80-Hg-186



71

Incident Energy (MeV)

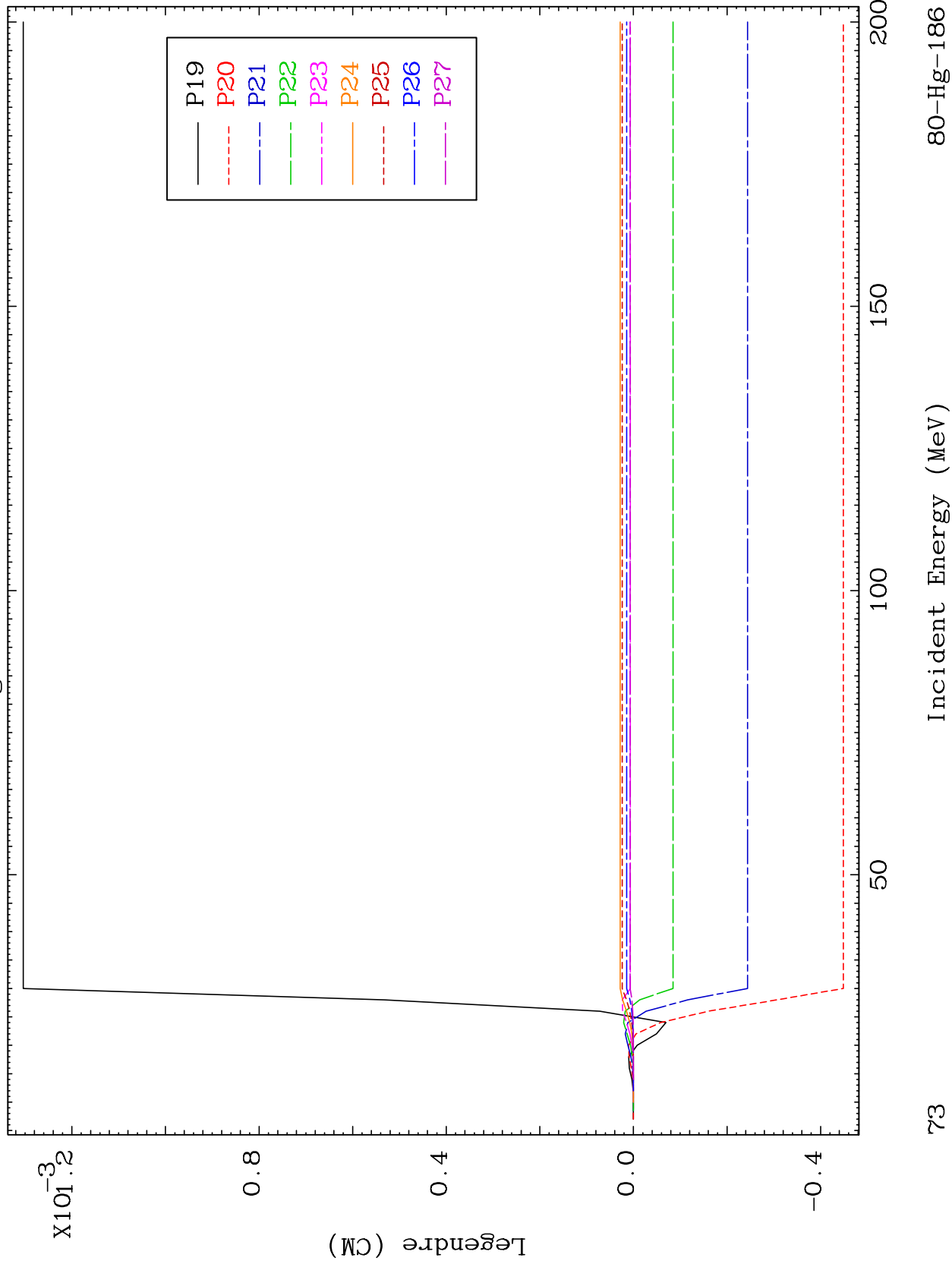
80-Hg-186



MAT 7995

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

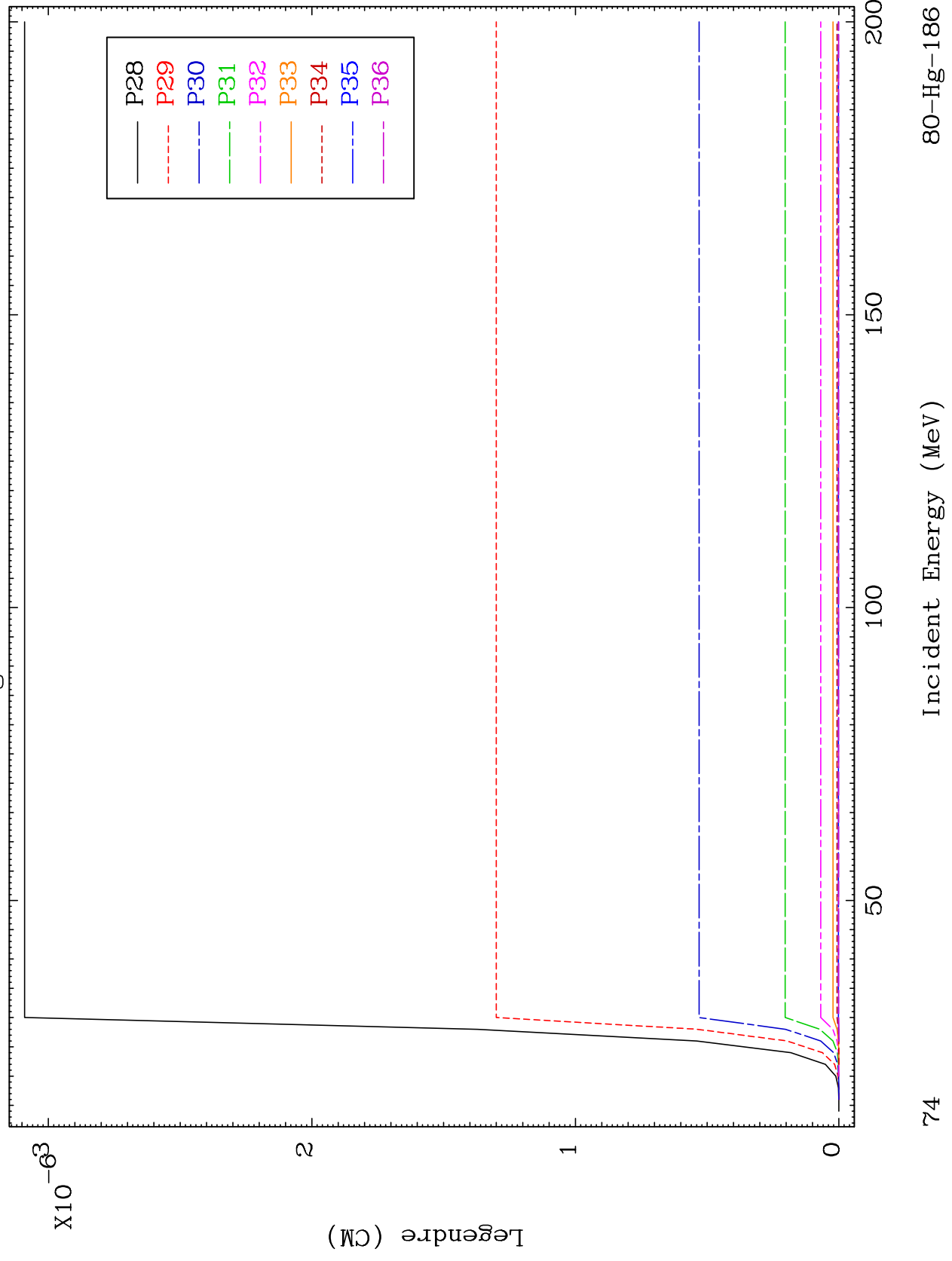
80-Hg-186



MAT 7995

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

80-Hg-186

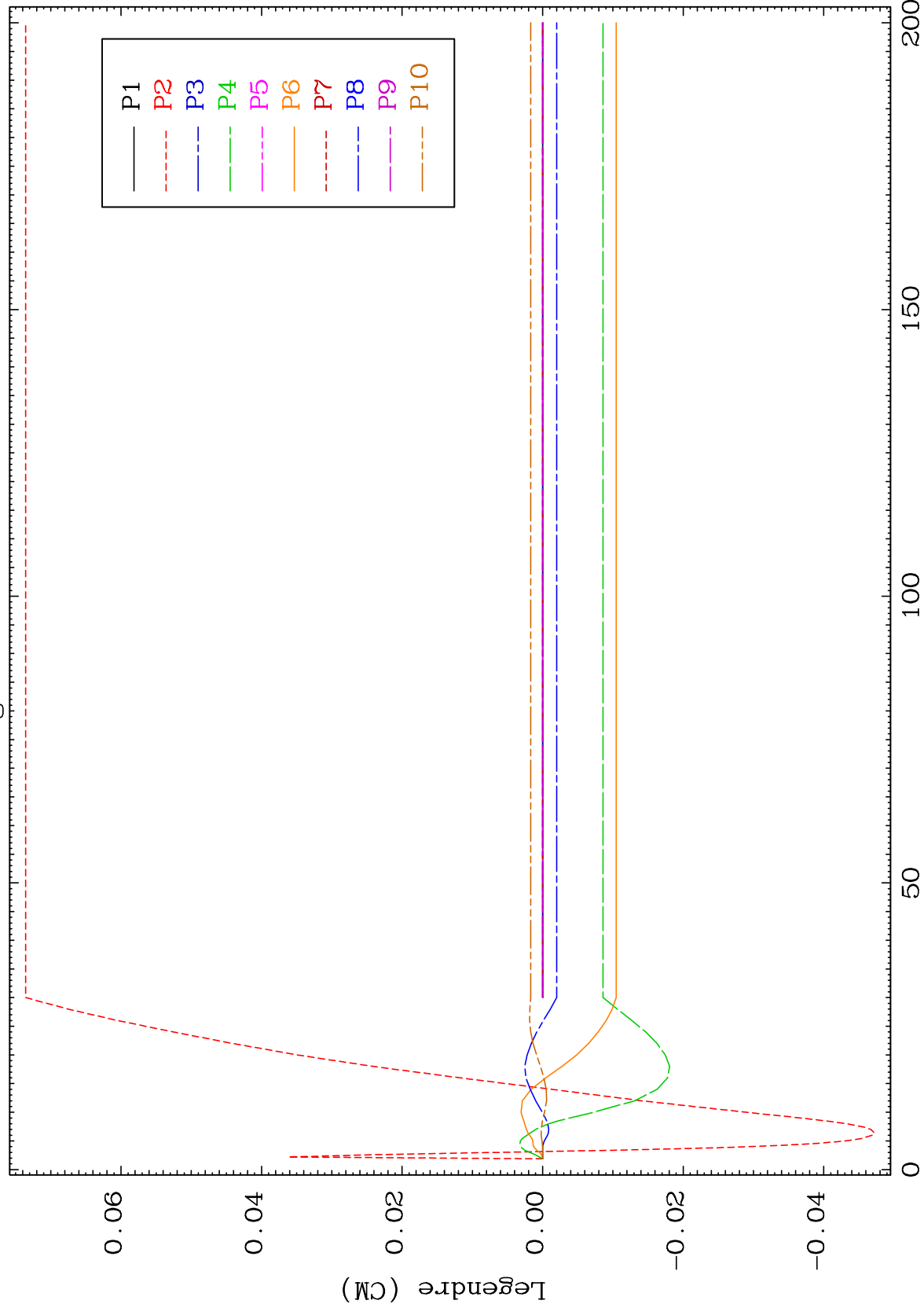


74

MAT 7995

MT= 65 (n,n') Level
Legendre Coefficients

80-Hg-186



75

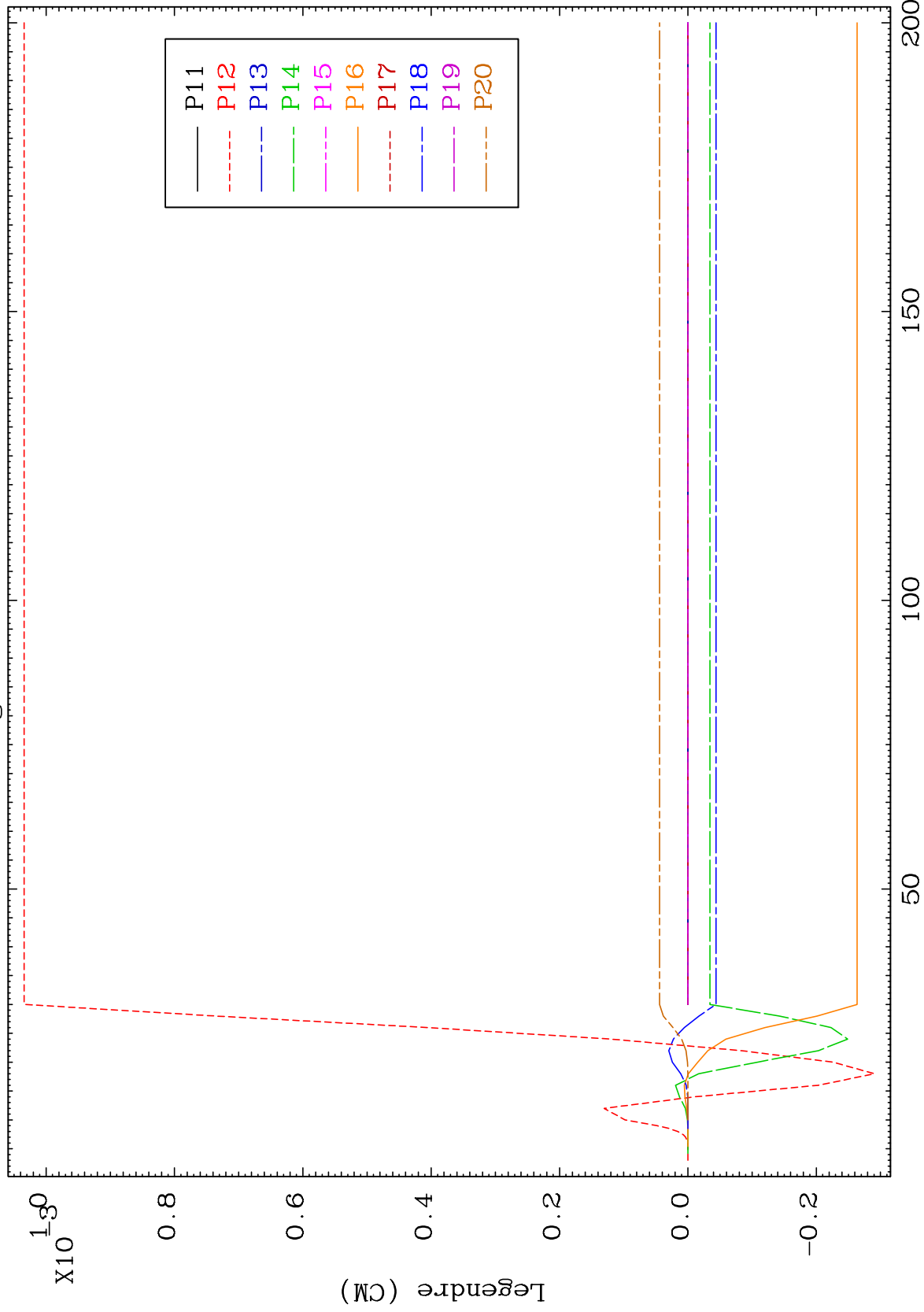
Incident Energy (MeV)

80-Hg-186

MAT 7995

MT= 65 (n,n') Level
Legendre Coefficients

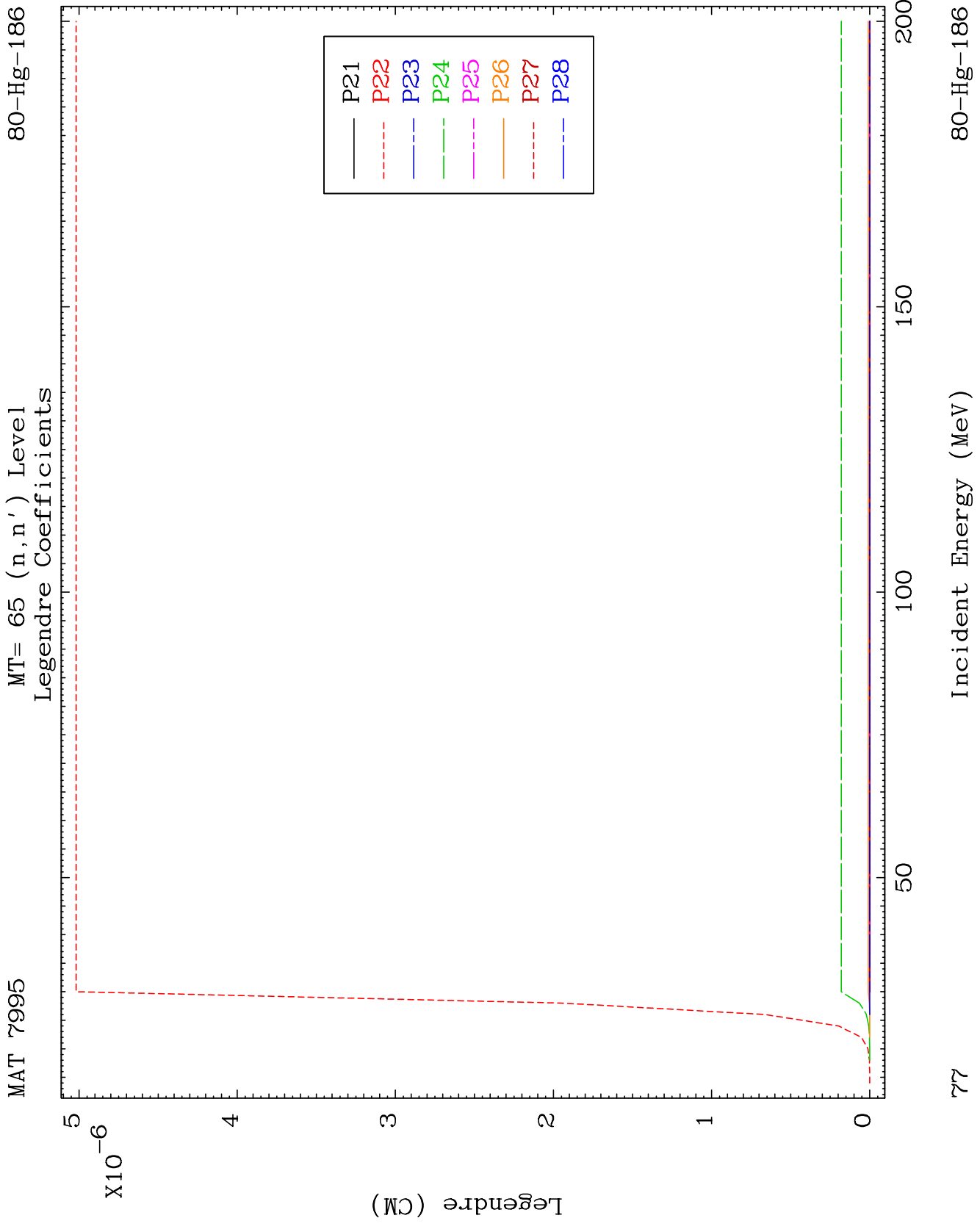
80-Hg-186



76

Incident Energy (MeV)

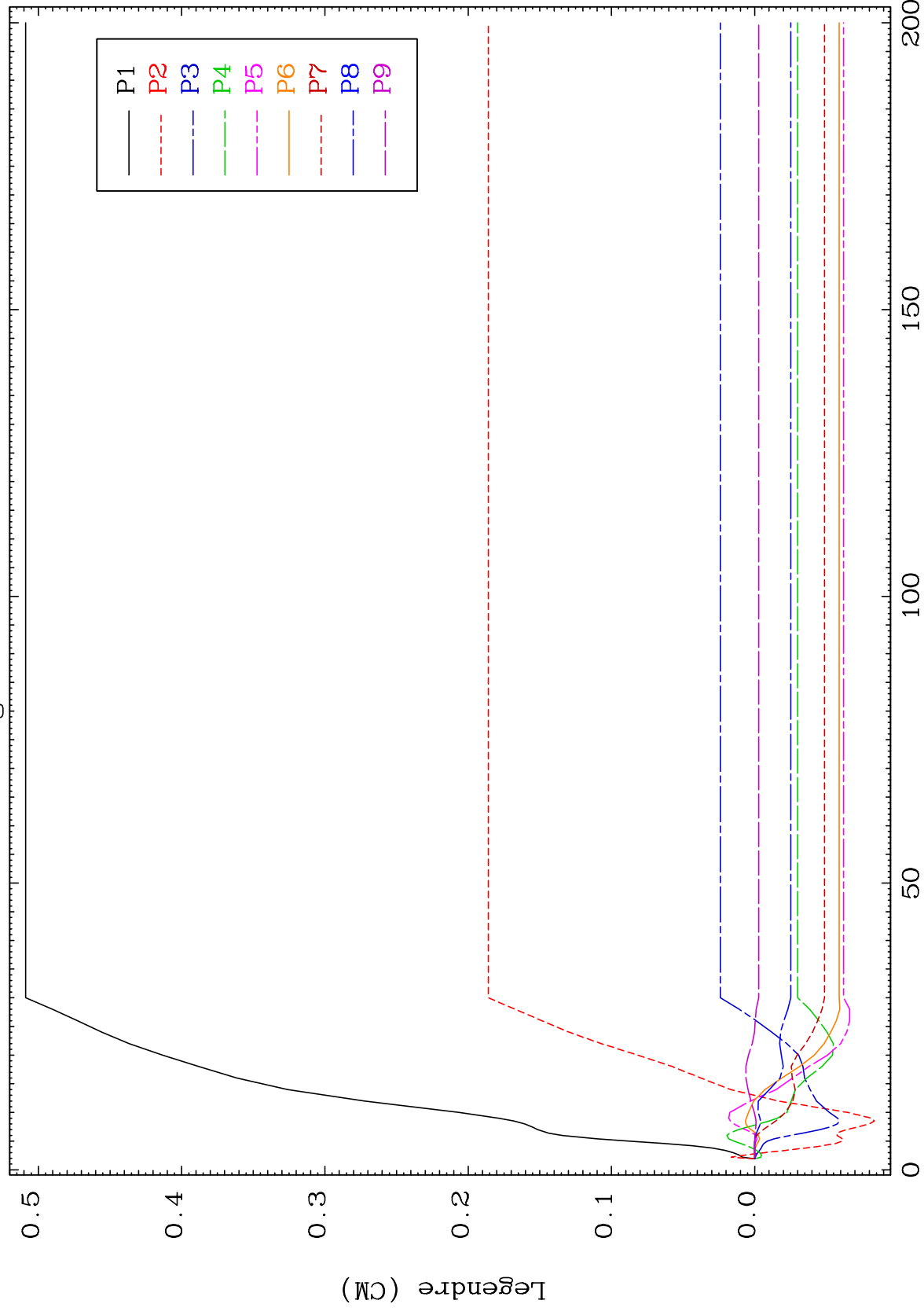
80-Hg-186



MAT 7995

MT= 66 (n,n') Level
Legendre Coefficients

80-Hg-186



78

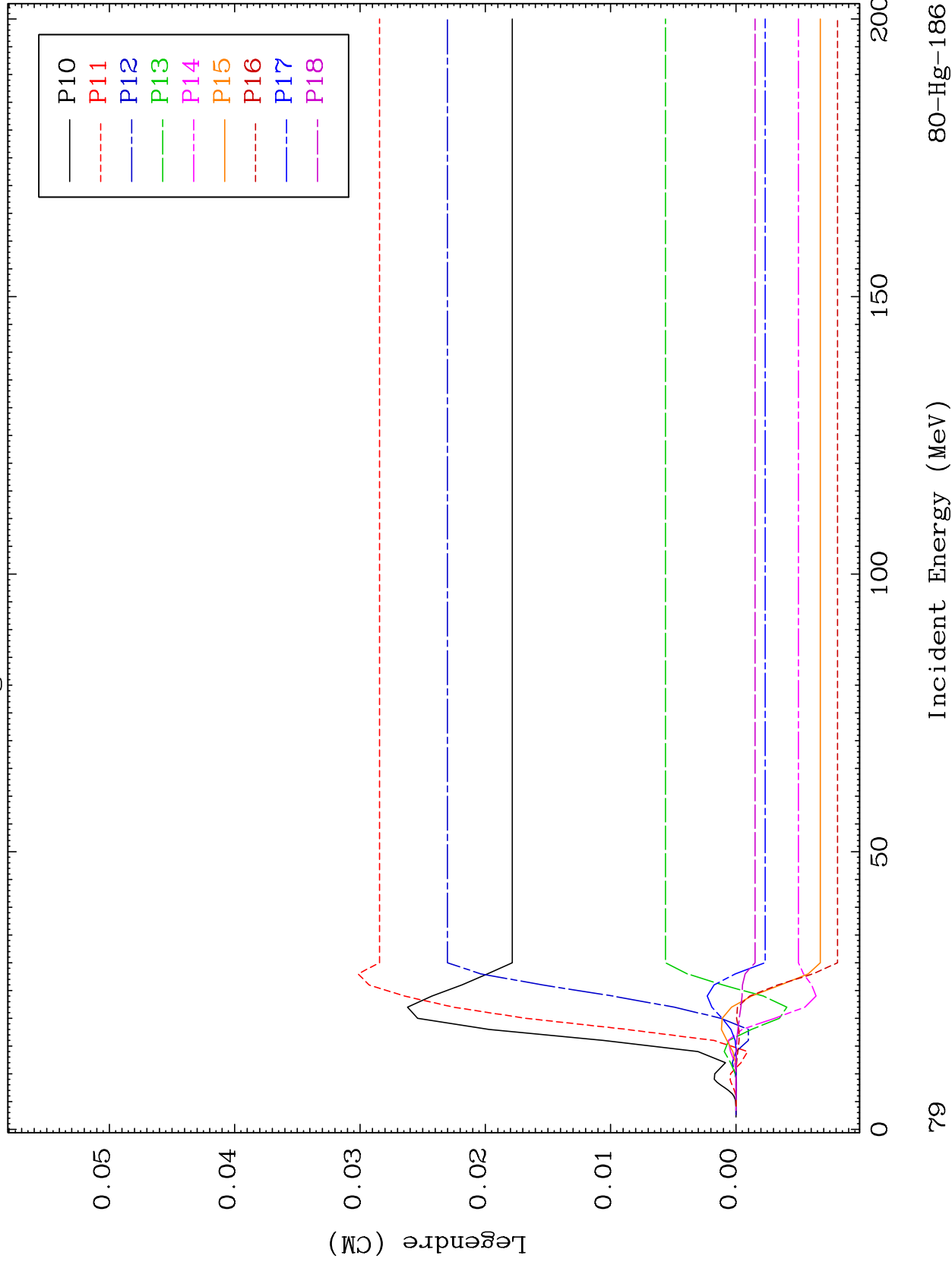
Incident Energy (MeV)

80-Hg-186

MAT 7995

MT= 66 (n,n') Level
Legendre Coefficients

80-Hg-186



79

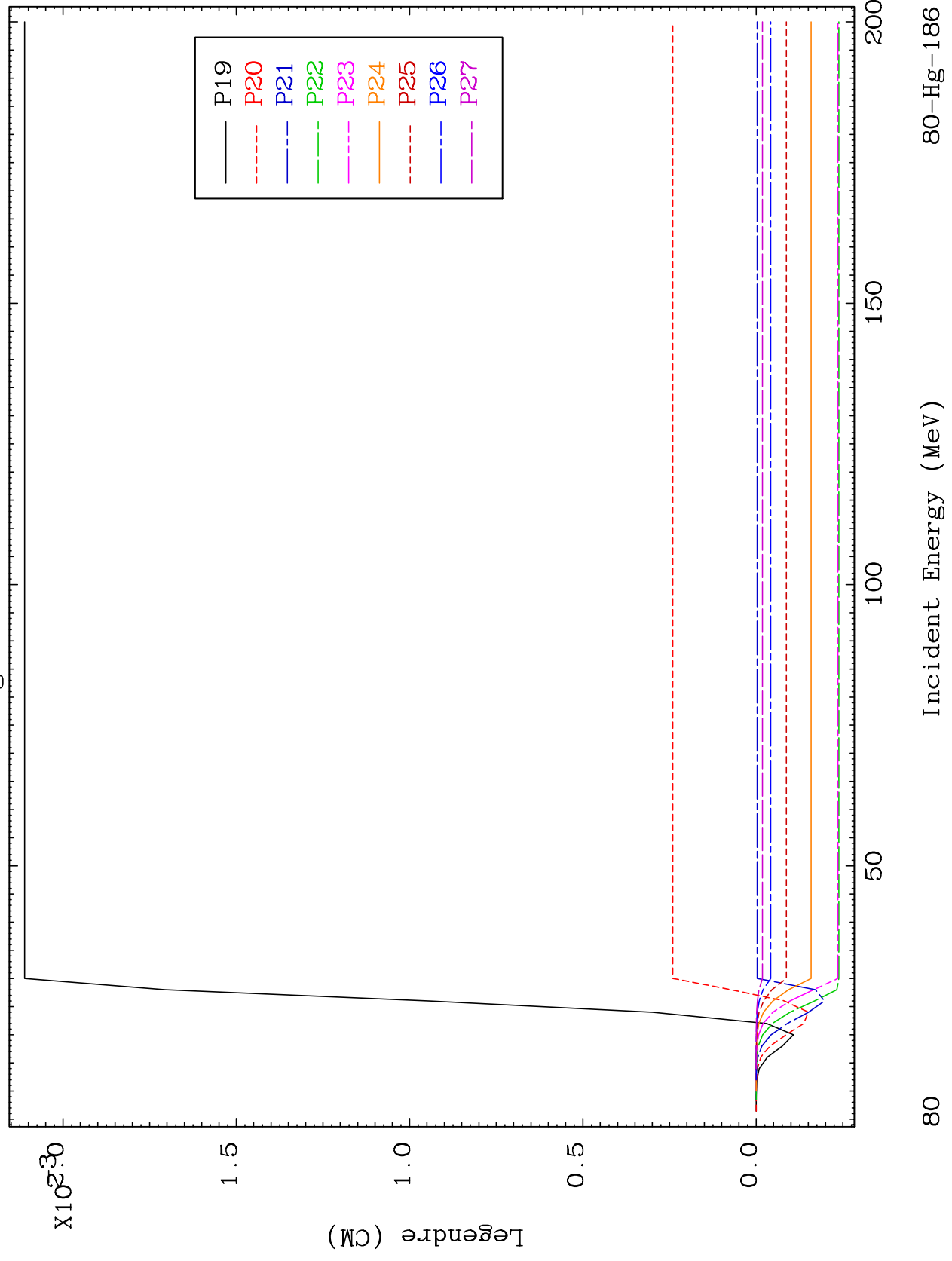
Incident Energy (MeV)

80-Hg-186

MAT 7995

MT= 66 (n,n') Level
Legendre Coefficients

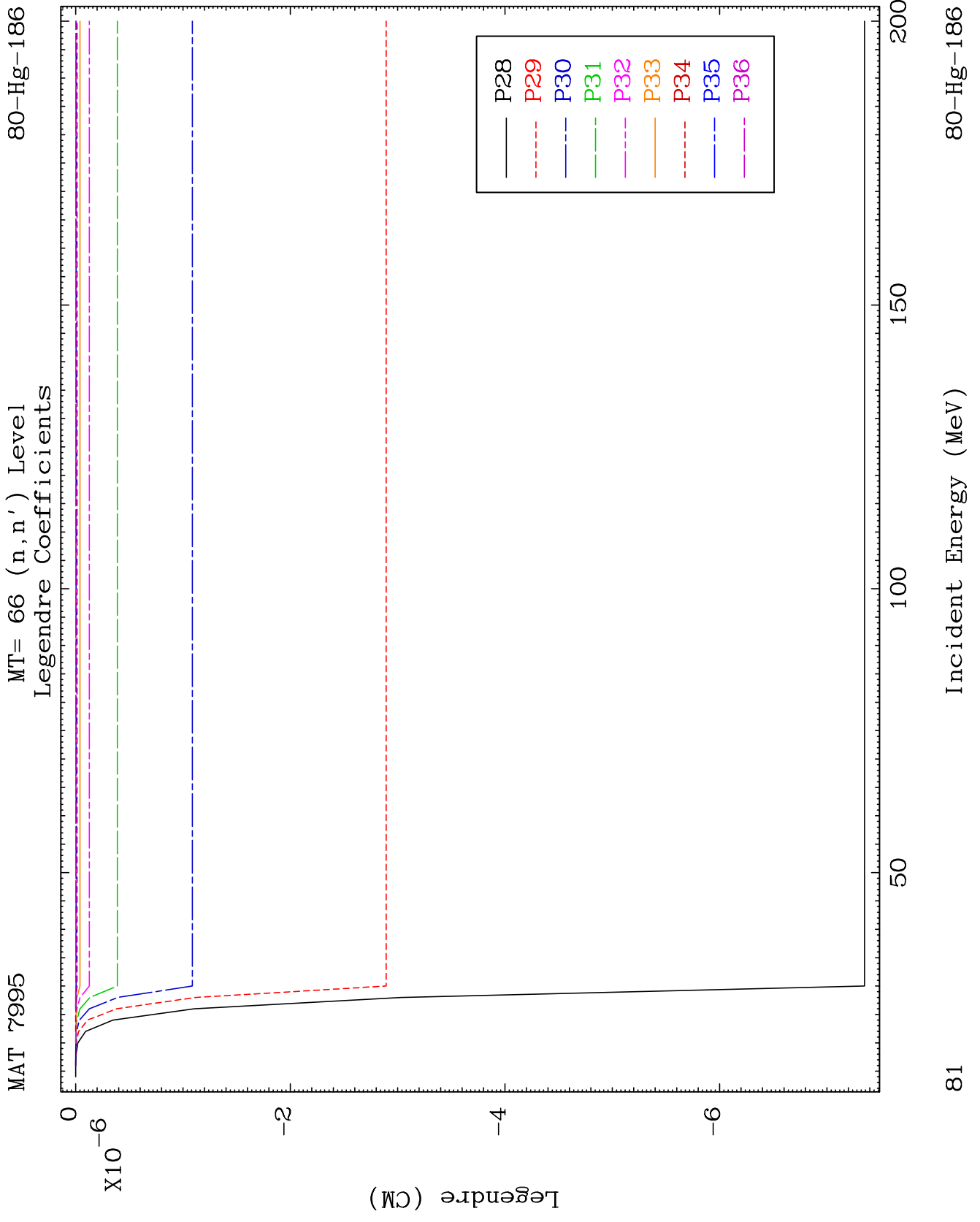
80-Hg-186

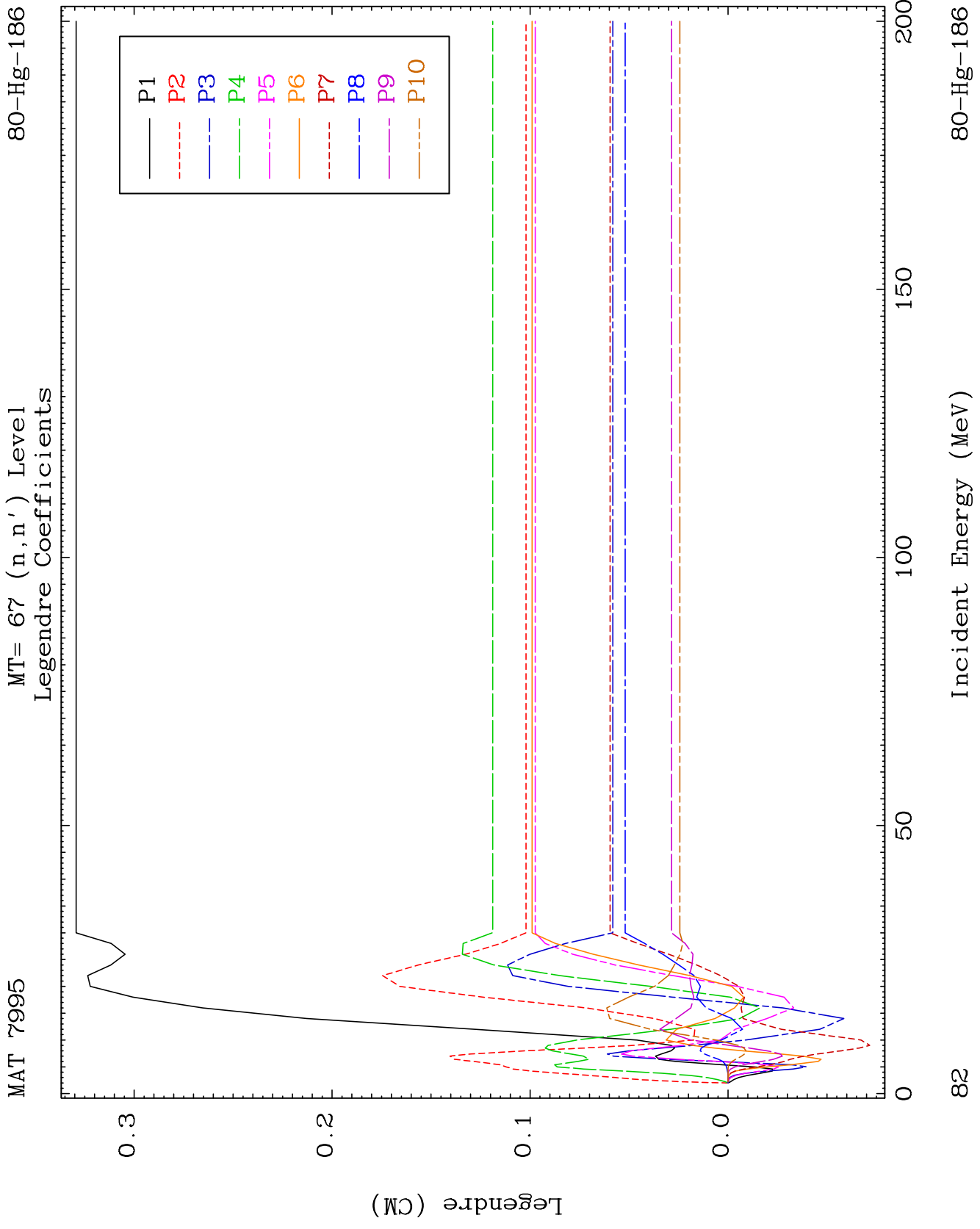


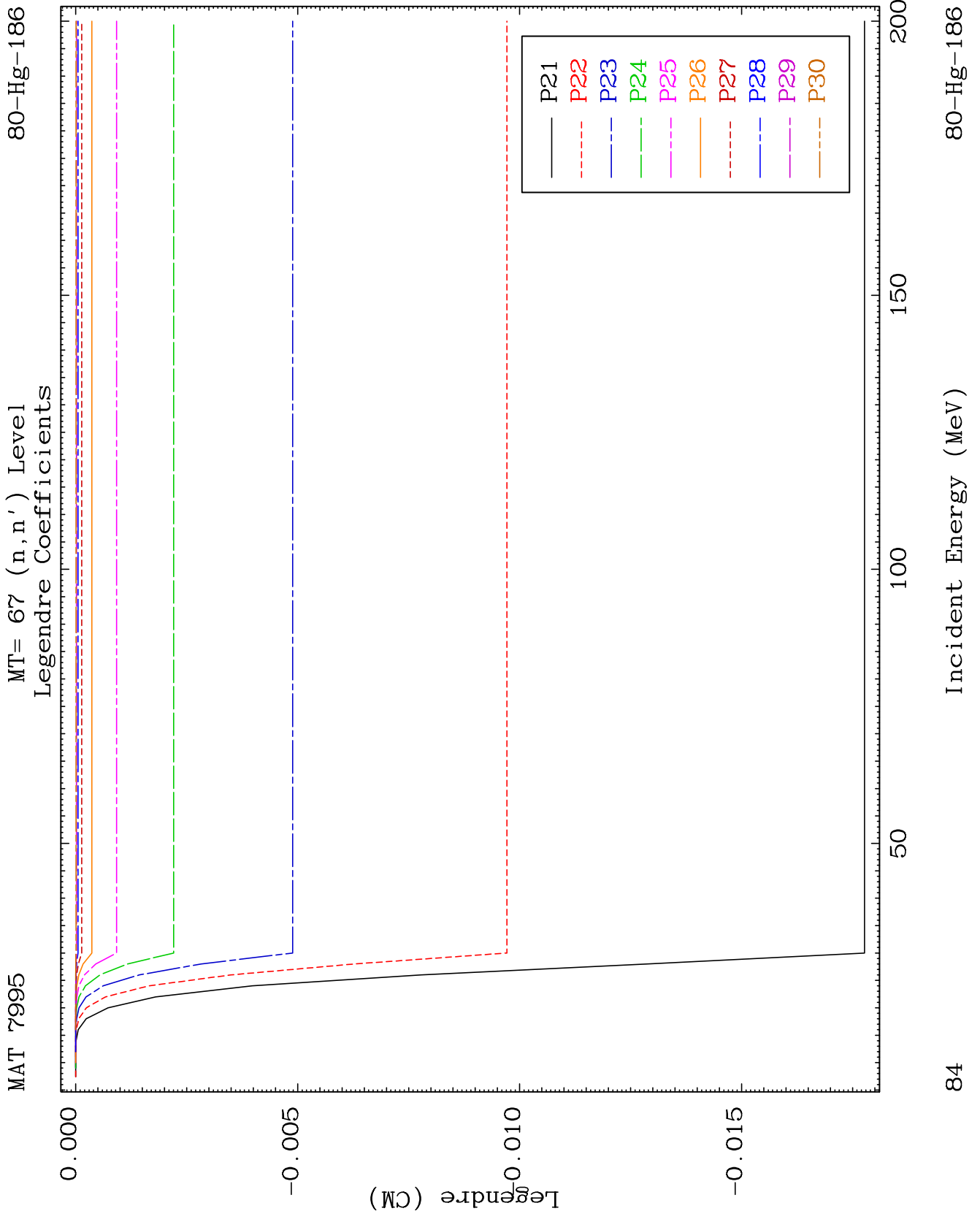
80

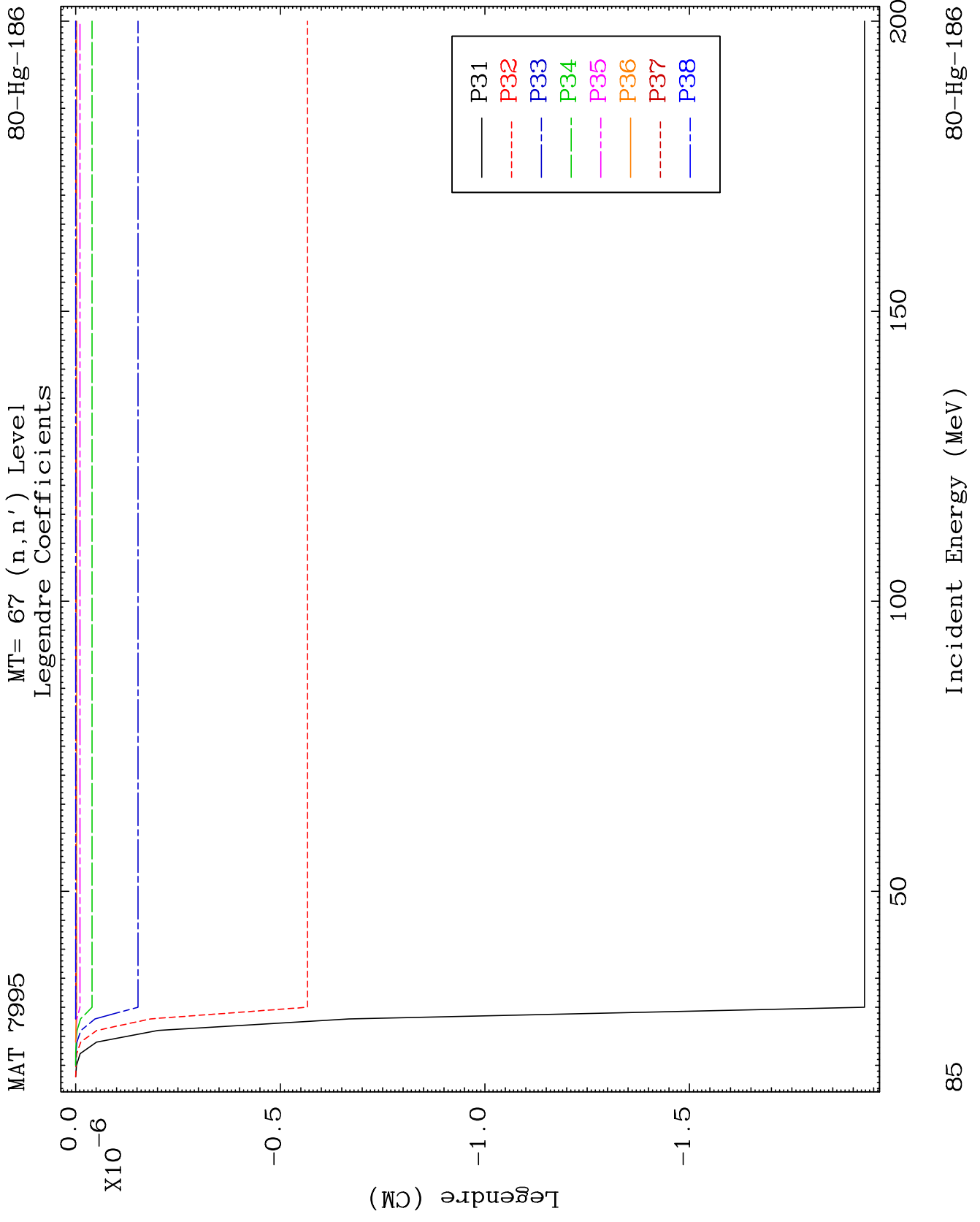
Incident Energy (MeV)

80-Hg-186





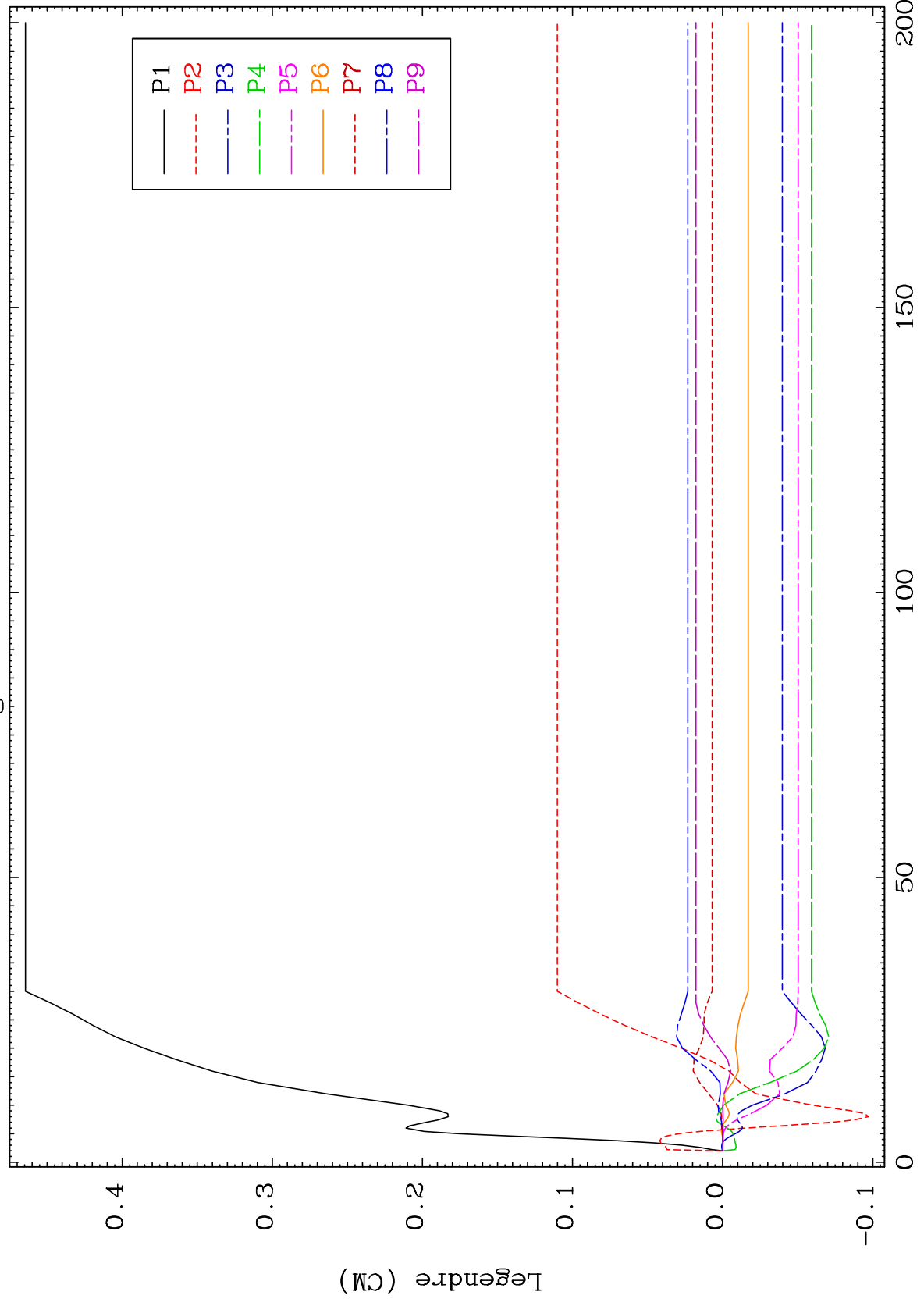




MAT 7995

MT= 68 (n,n') Level
Legendre Coefficients

80-Hg-186



80-Hg-186

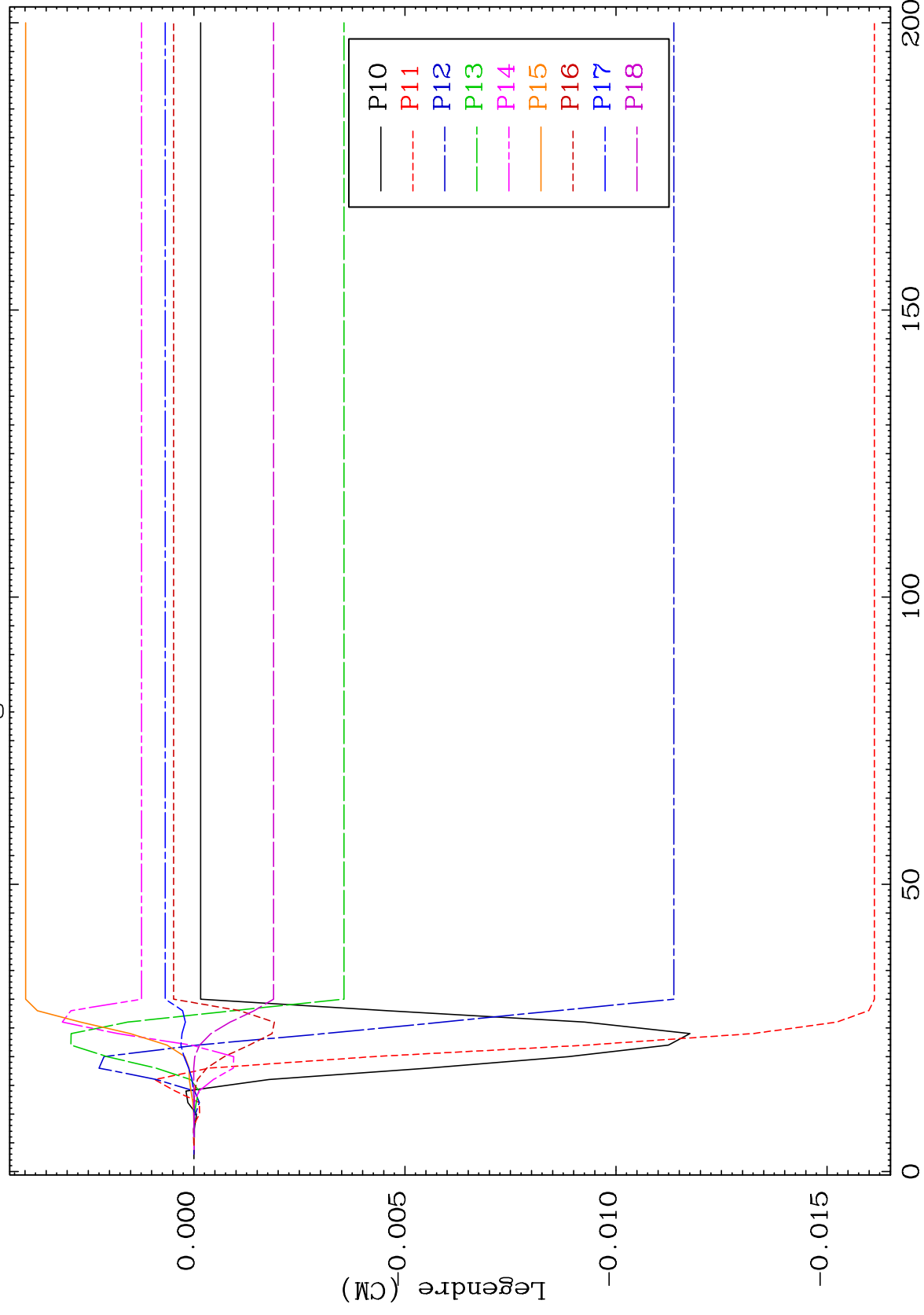
Incident Energy (MeV)

86

MAT 7995

MT= 68 (n,n') Level
Legendre Coefficients

80-Hg-186



87

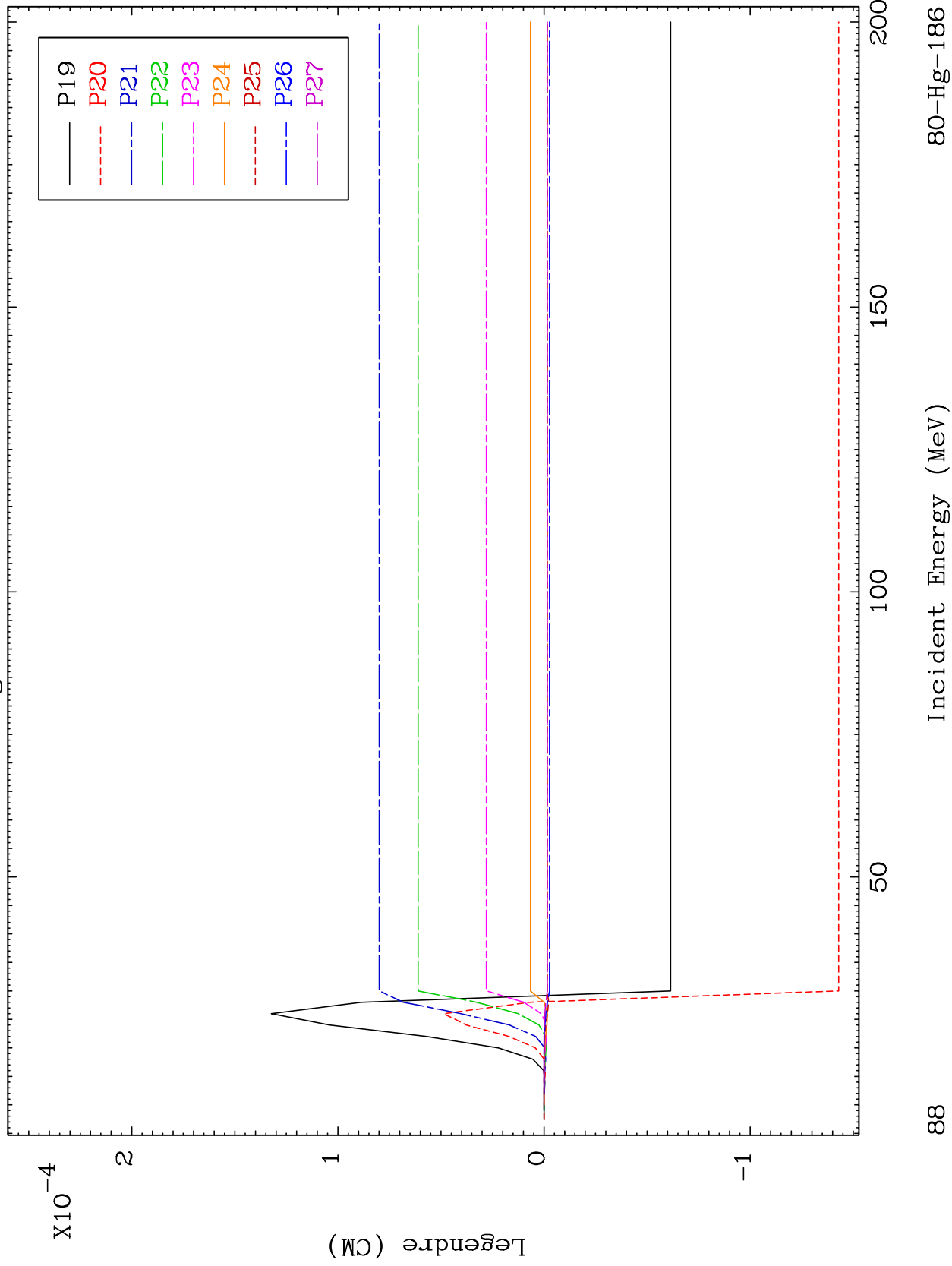
Incident Energy (MeV)

80-Hg-186

MAT 7995

MT= 68 (n,n') Level
Legendre Coefficients

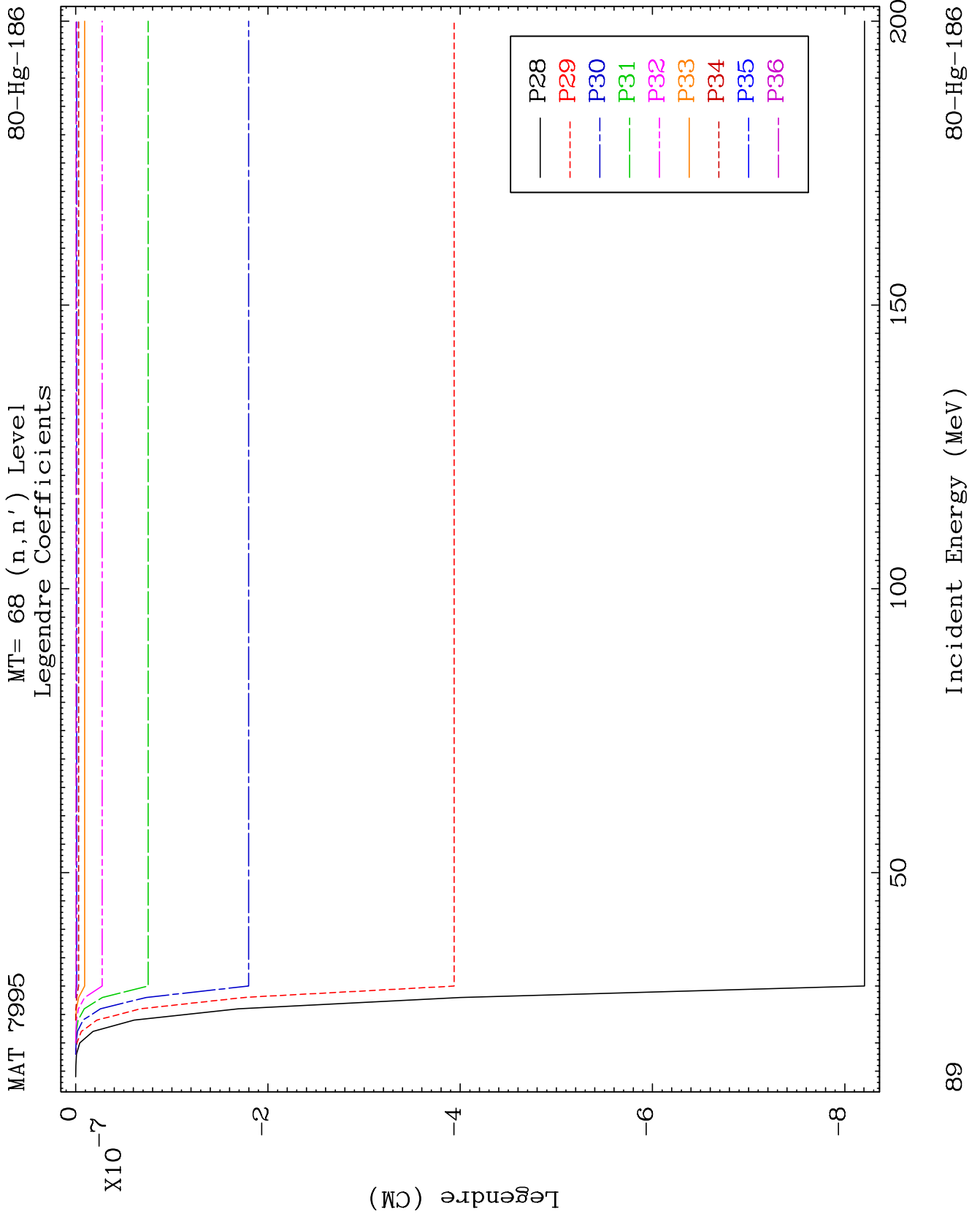
80-Hg-186



88

Incident Energy (MeV)

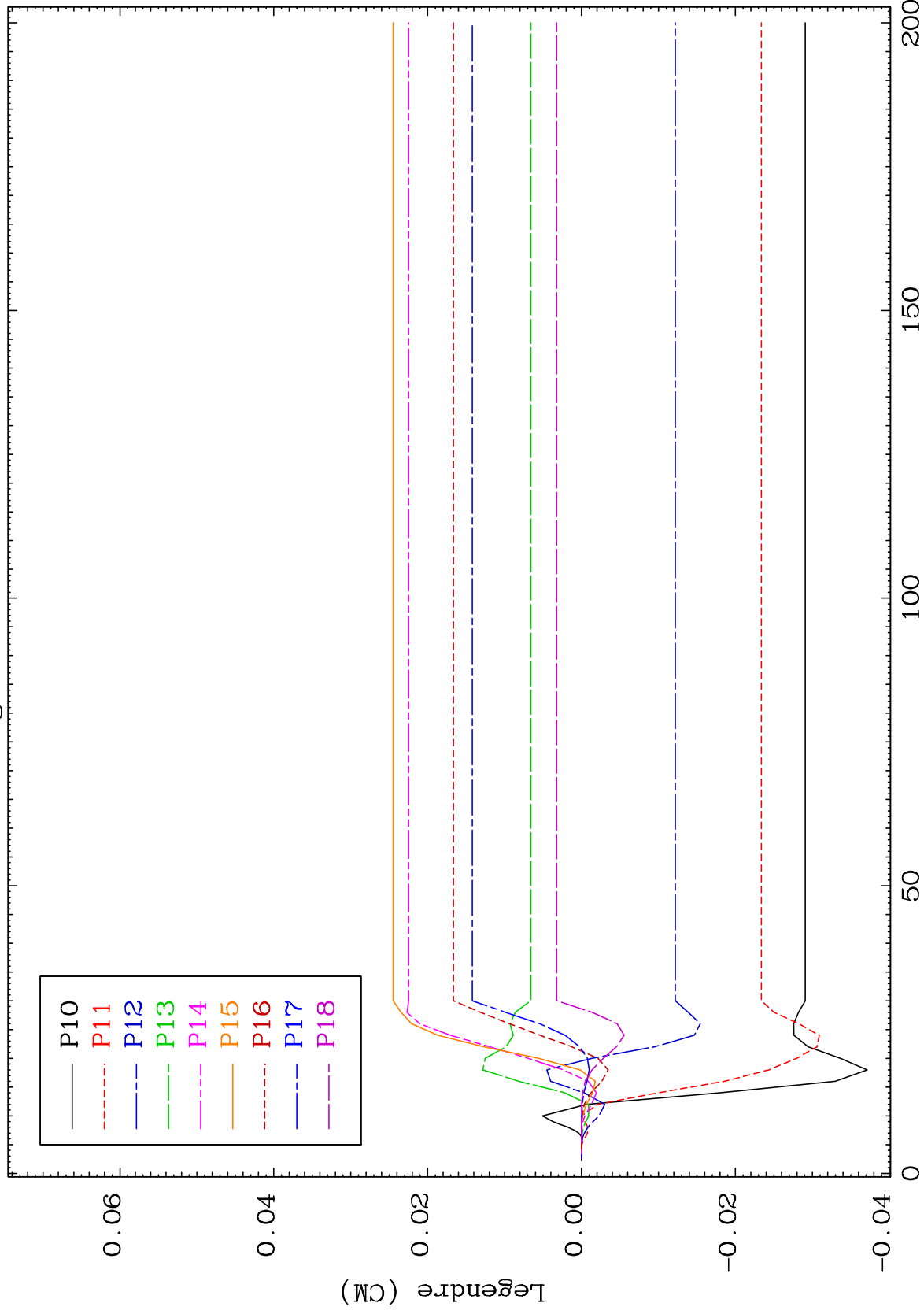
80-Hg-186



MAT 7995

MT= 69 (n,n') Level
Legendre Coefficients

80-Hg-186



91

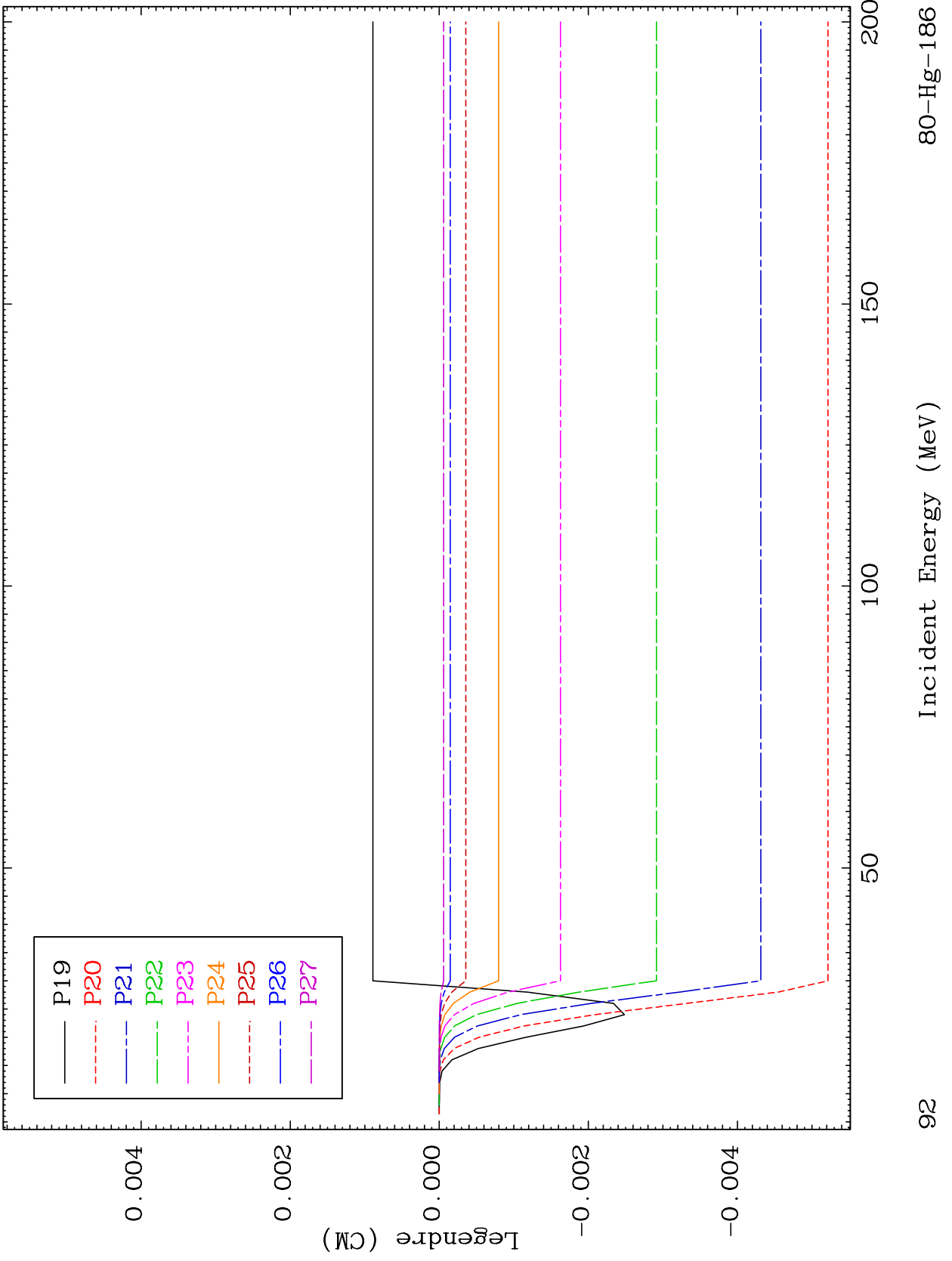
Incident Energy (MeV)

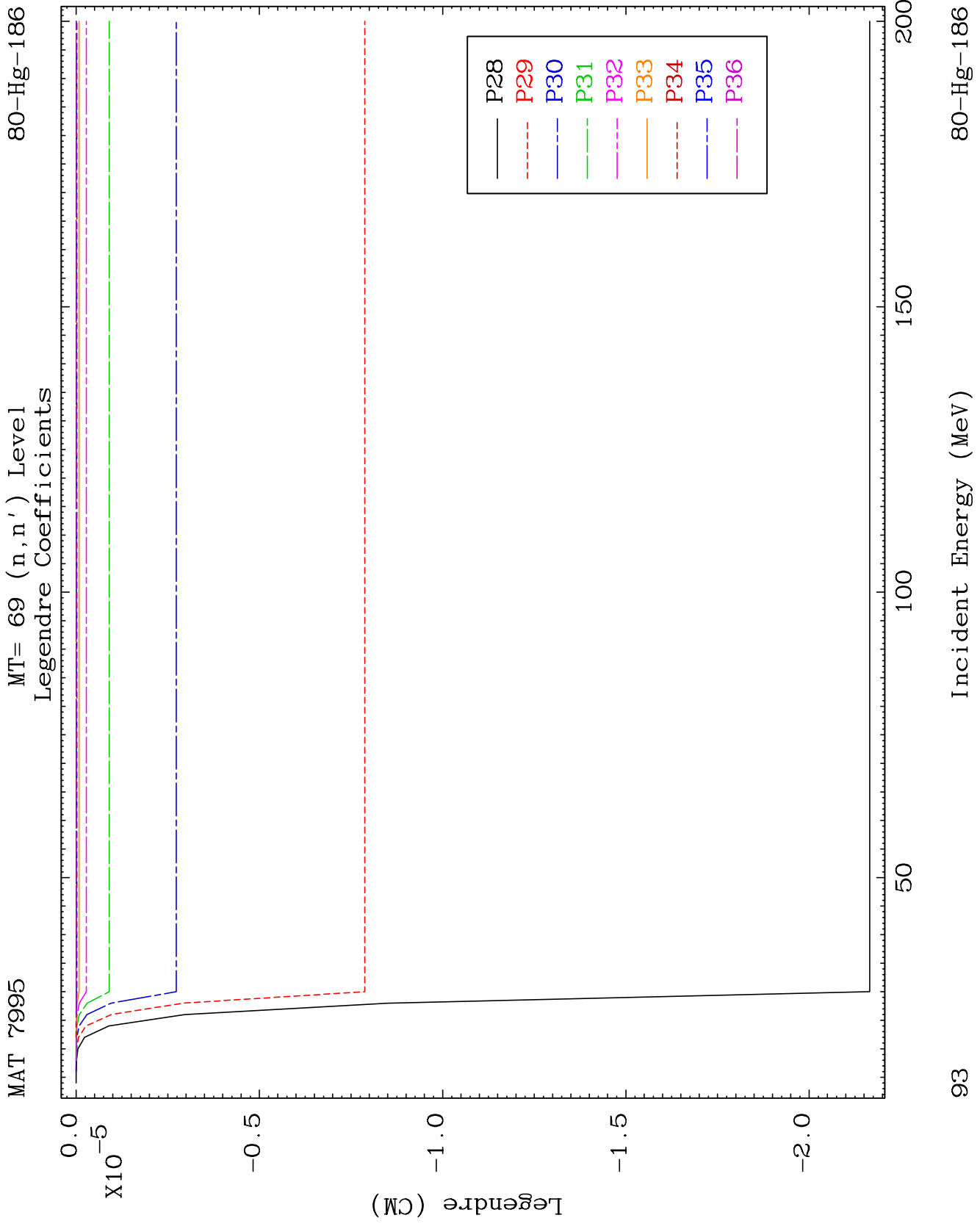
80-Hg-186

MAT 7995

MT= 69 (n,n') Level
Legendre Coefficients

80-Hg-186

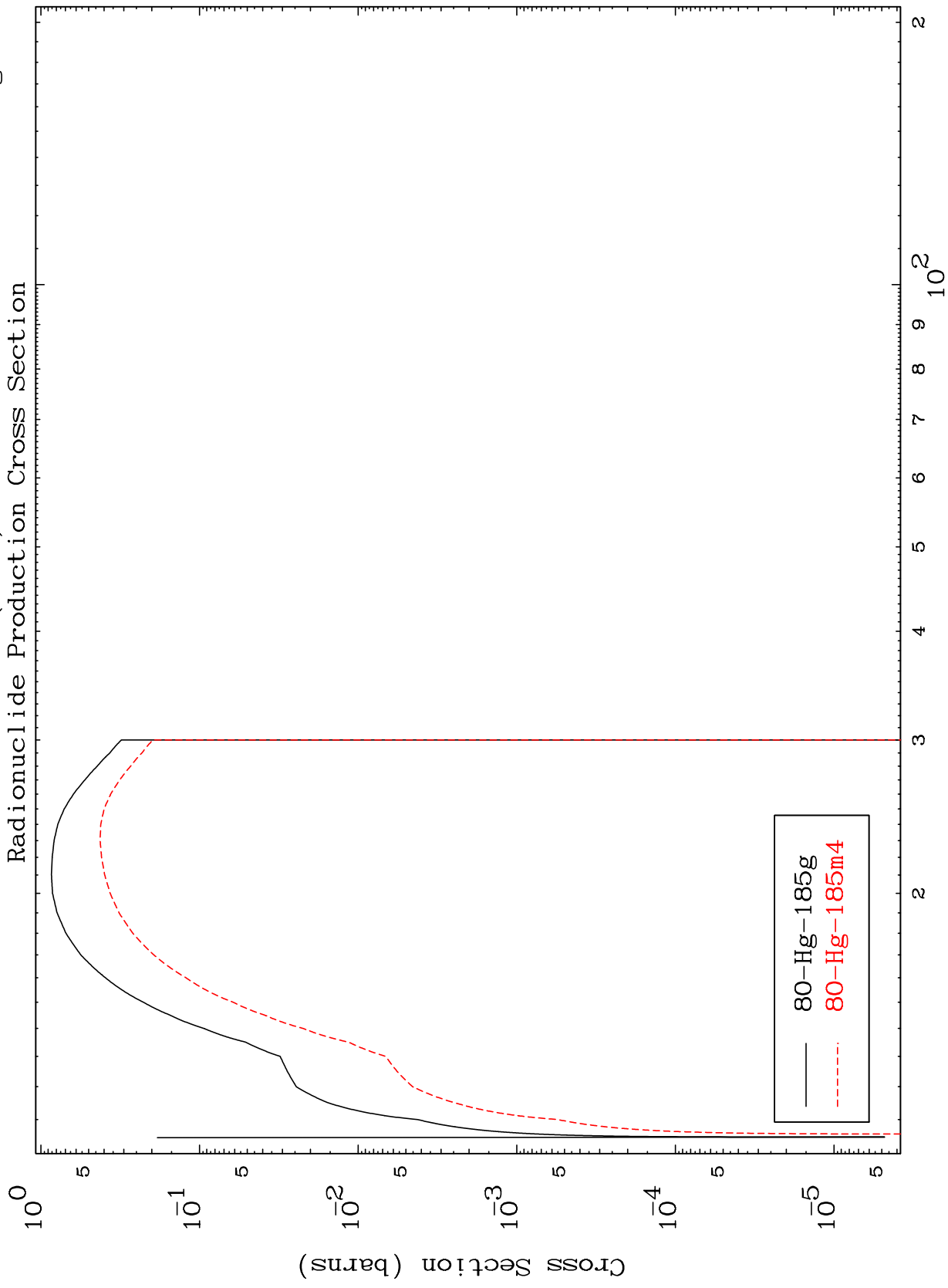




MAT 7995

80-Hg-186

(n,2n)
Radionuclide Production Cross Section



94

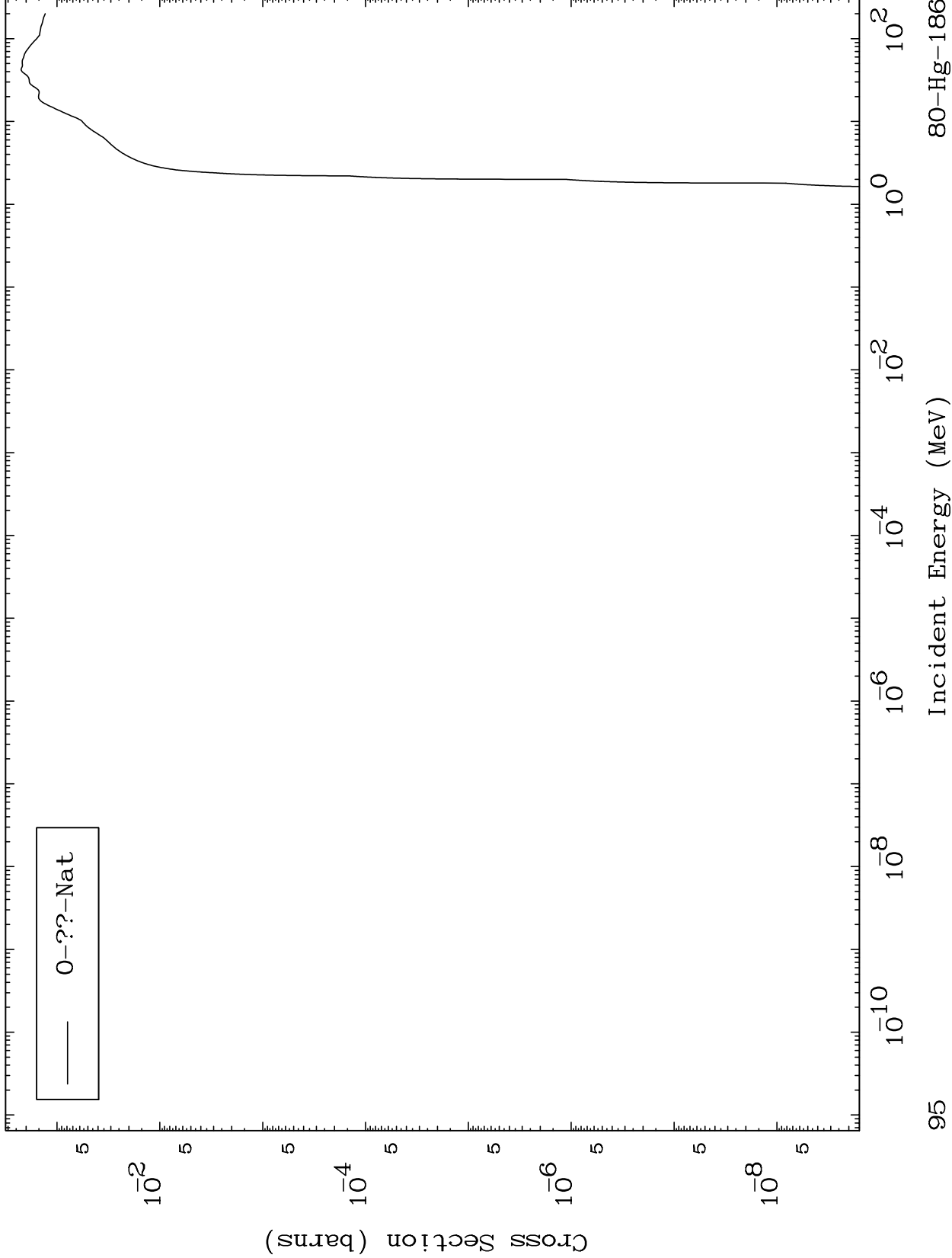
Incident Energy (MeV)

80-Hg-186

MAT 7995

Fission
Radionuclide Production Cross Section

80-Hg-186



95

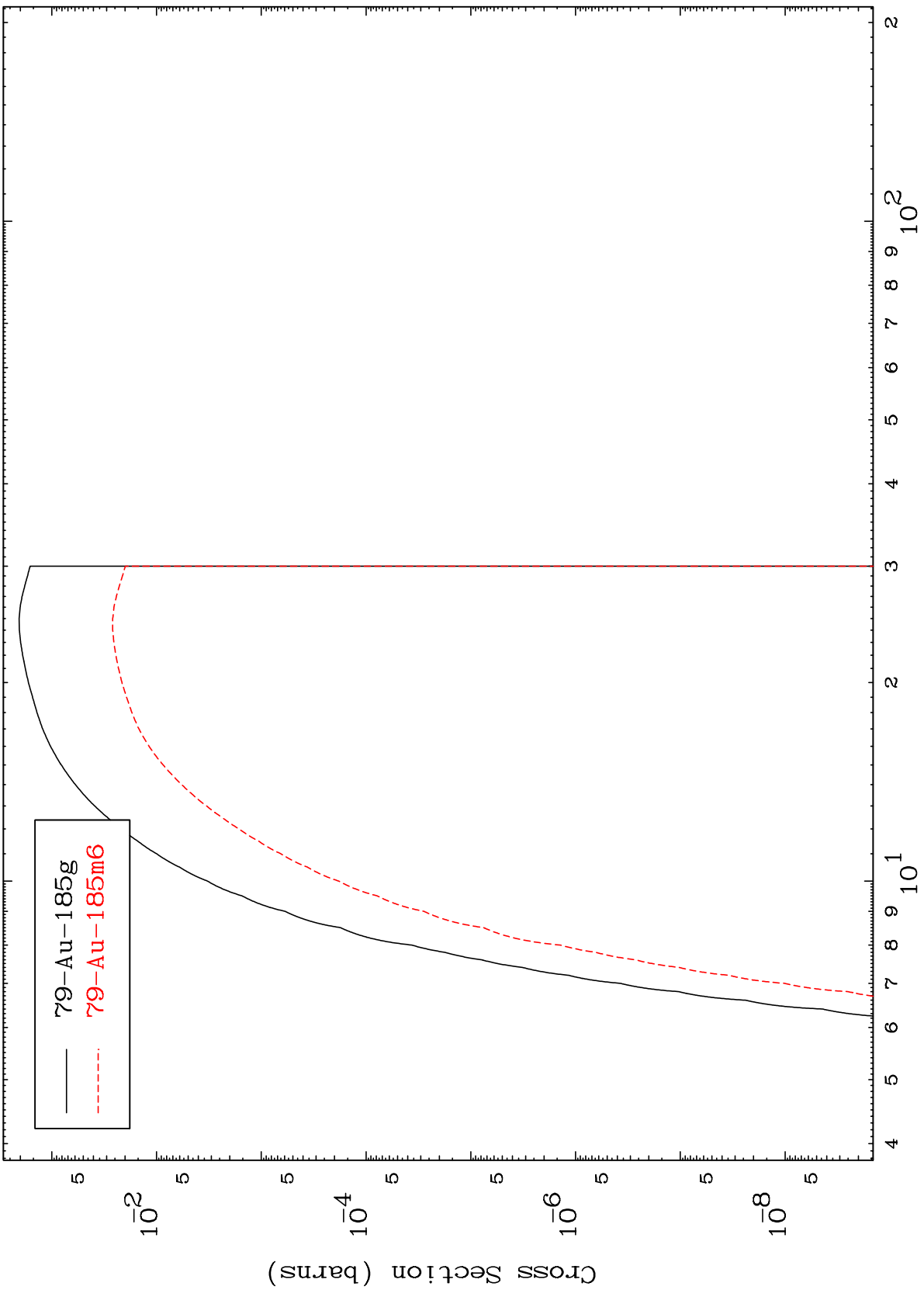
80-Hg-186

MAT 7995

(n,n') p

80-Hg-186

Radionuclide Production Cross Section



96

Incident Energy (MeV)

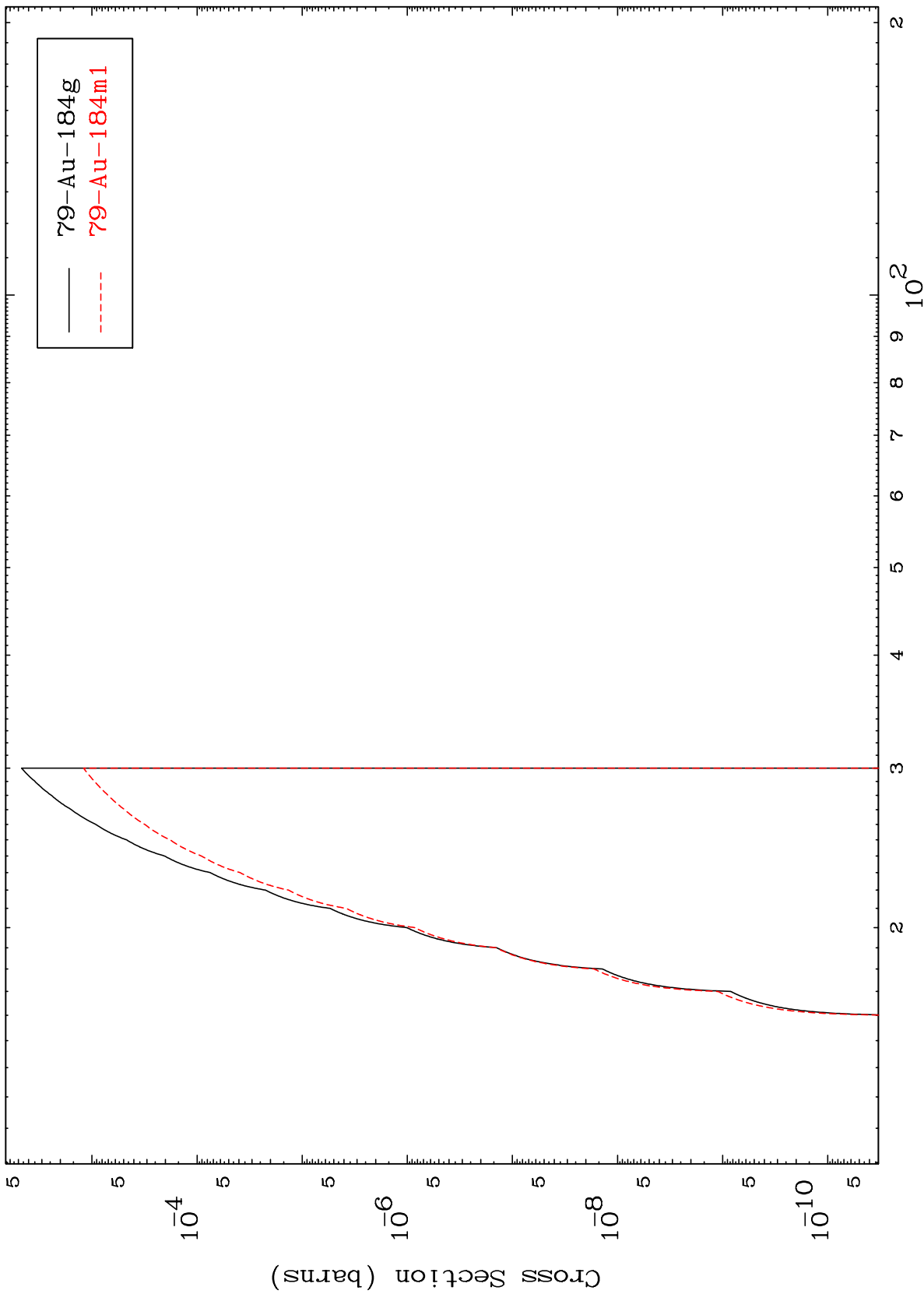
80-Hg-186

MAT 7995

(n,n') d

80-Hg-186

Radionuclide Production Cross Section



97

Incident Energy (MeV)

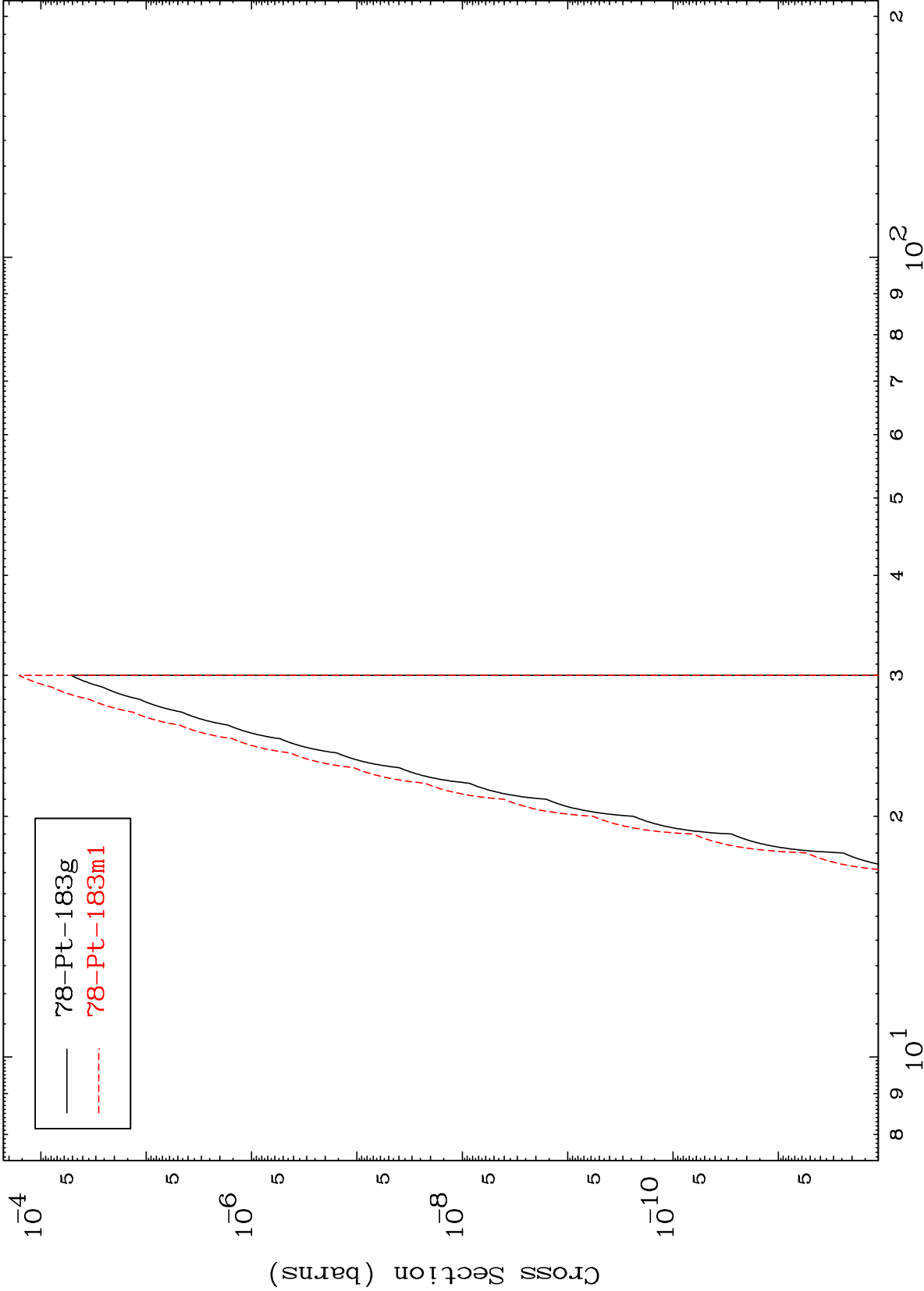
80-Hg-186

MAT 7995

(n,n') He-3

80-Hg-186

Radionuclide Production Cross Section



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

98

Incident Energy (MeV)

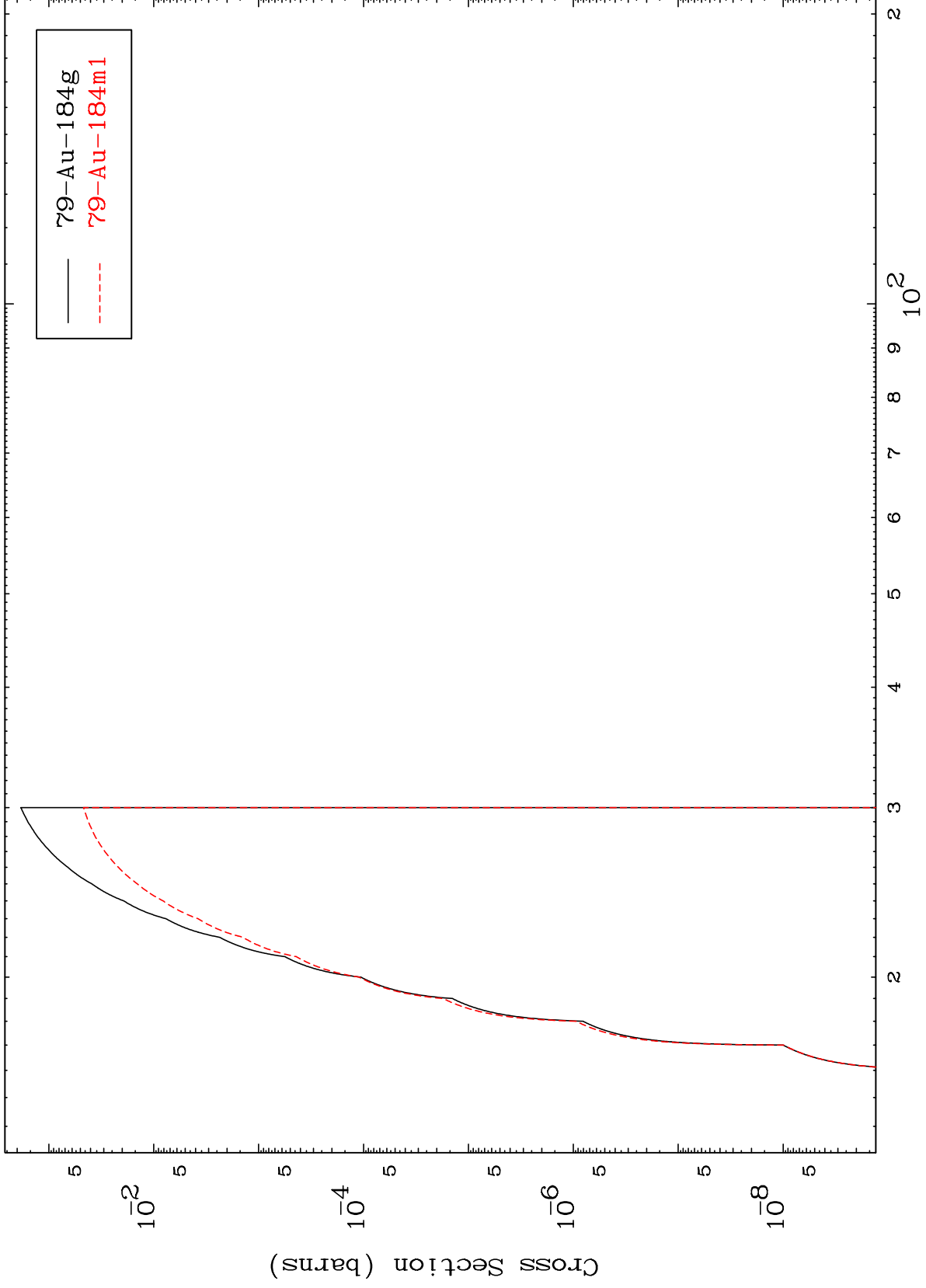
80-Hg-186

MAT 7995

(n,2n) p

80-Hg-186

Radionuclide Production Cross Section



99

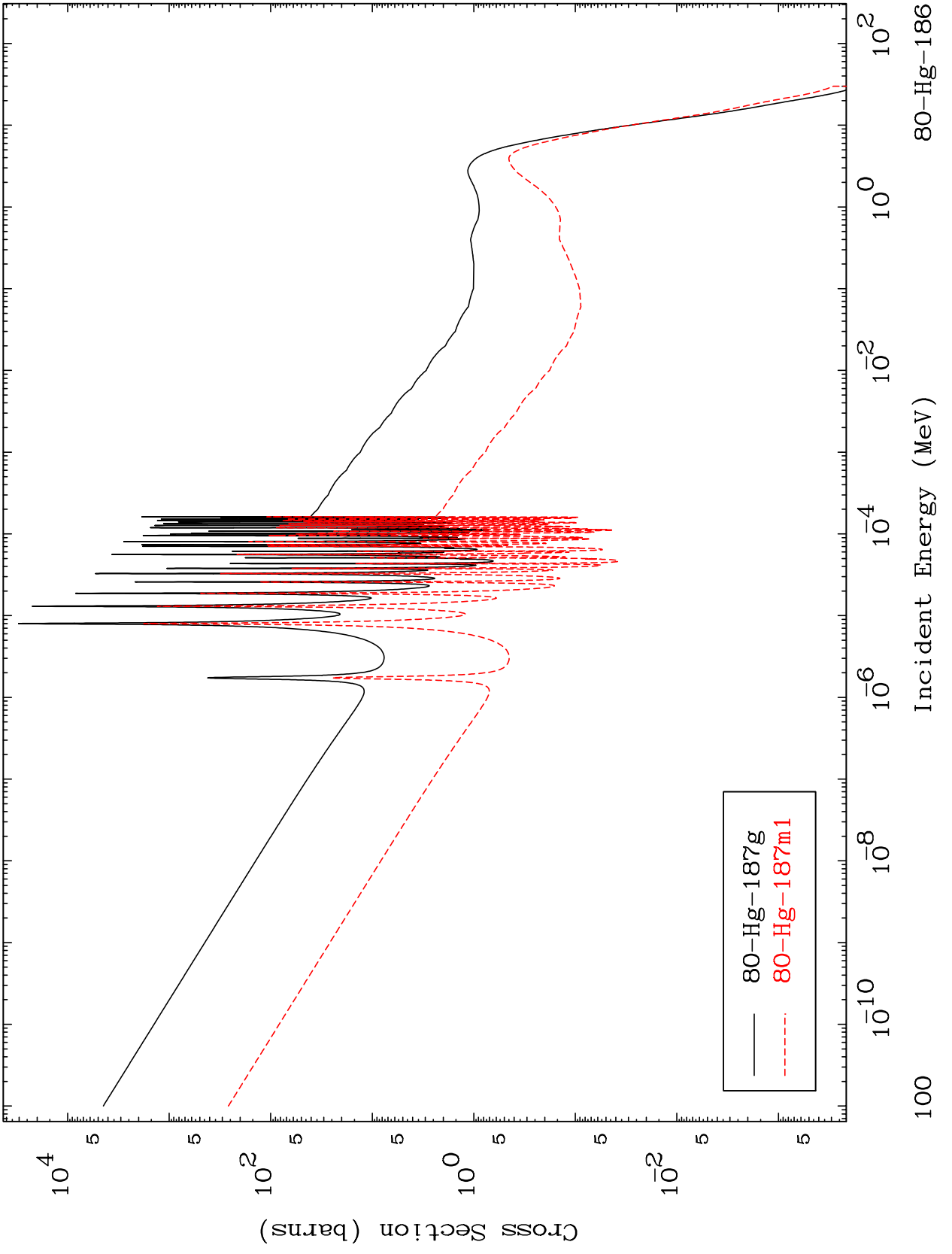
Incident Energy (MeV)

80-Hg-186

MAT 7995

80-Hg-186

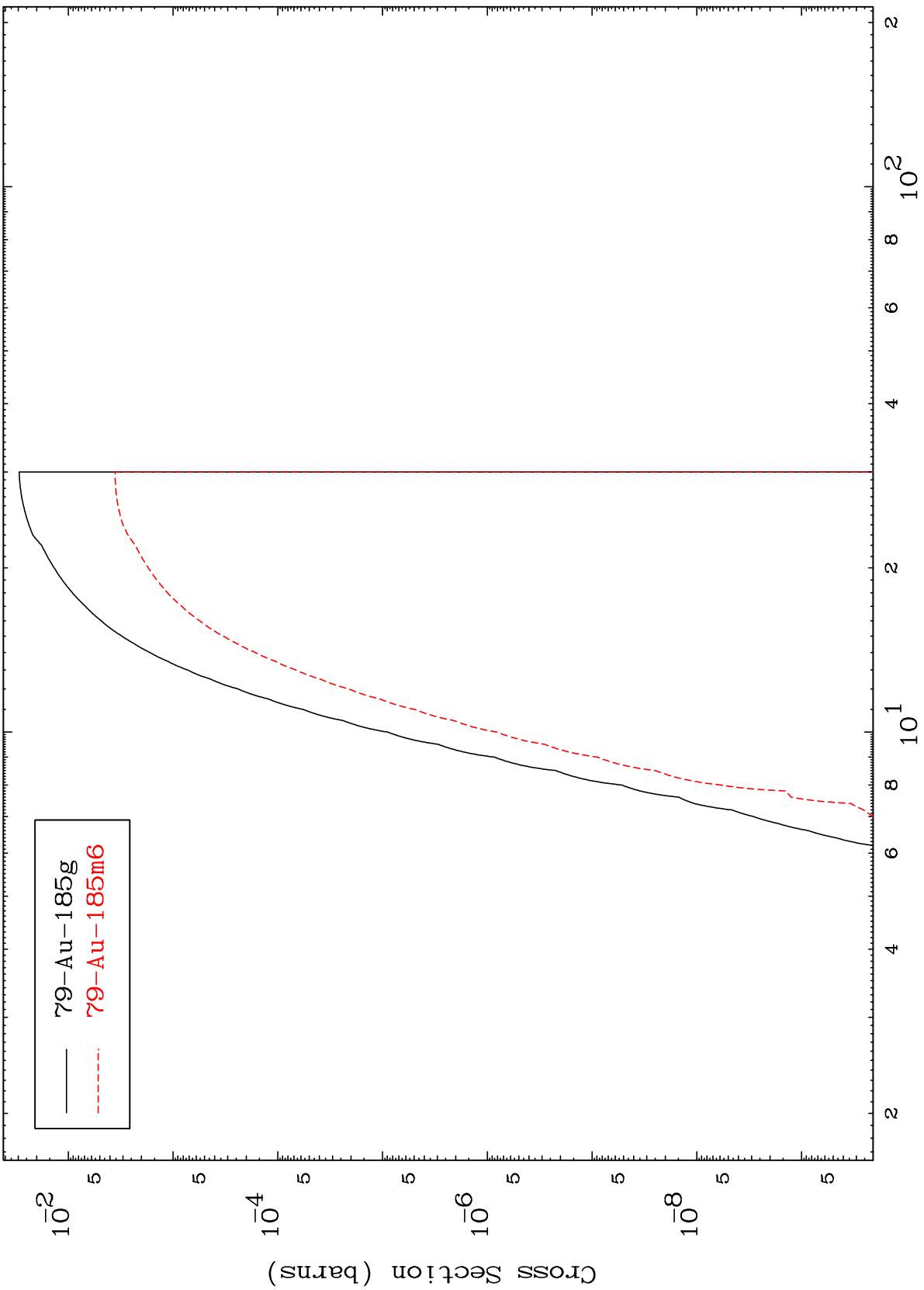
(n, γ)
Radionuclide Production Cross Section



MAT 7995

80-Hg-186

(n,d)
Radionuclide Production Cross Section



— 79-Au-185g
- - - 79-Au-185m6

101

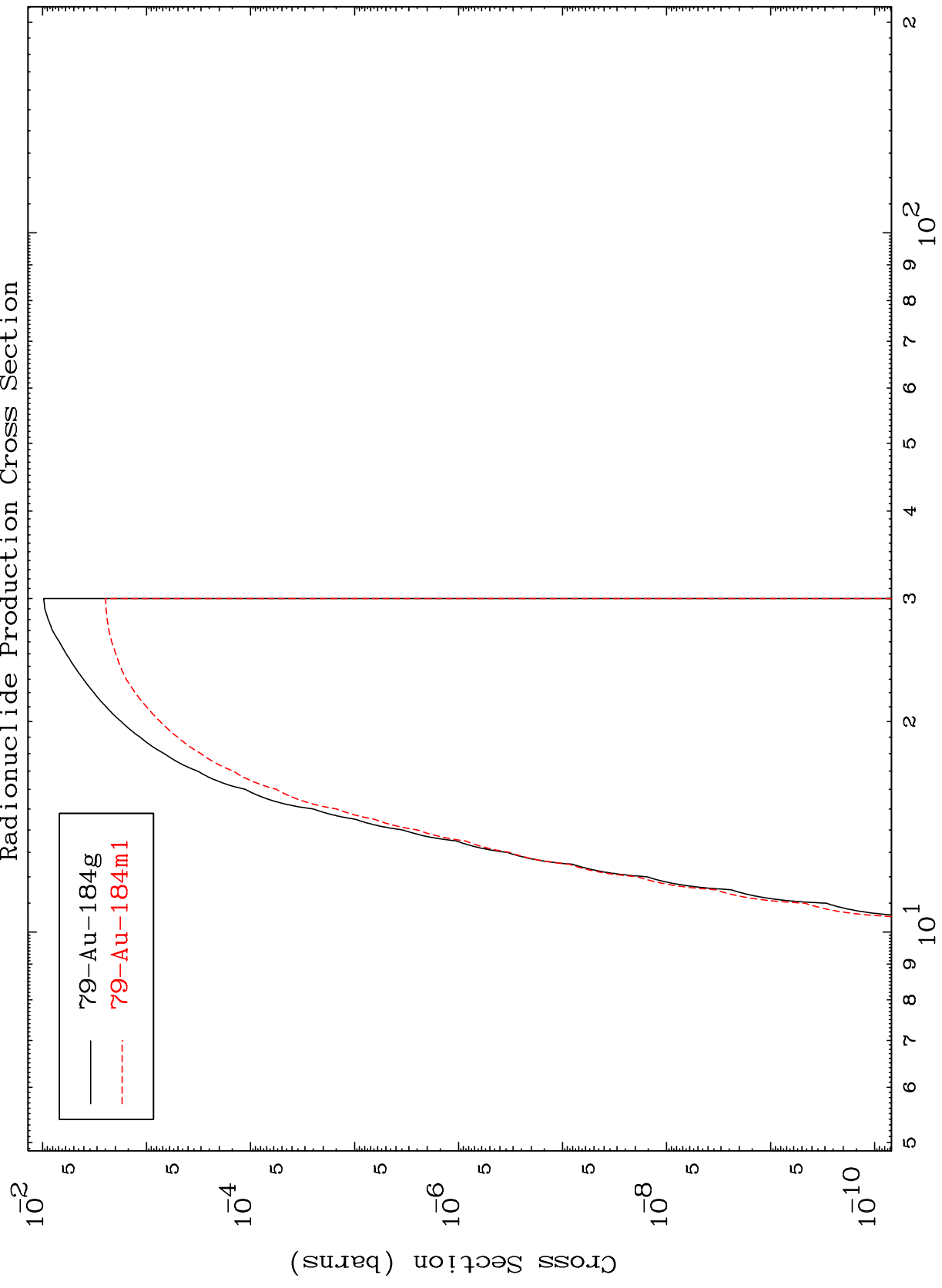
80-Hg-186

Incident Energy (MeV)

MAT 7995

80-Hg-186

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-186

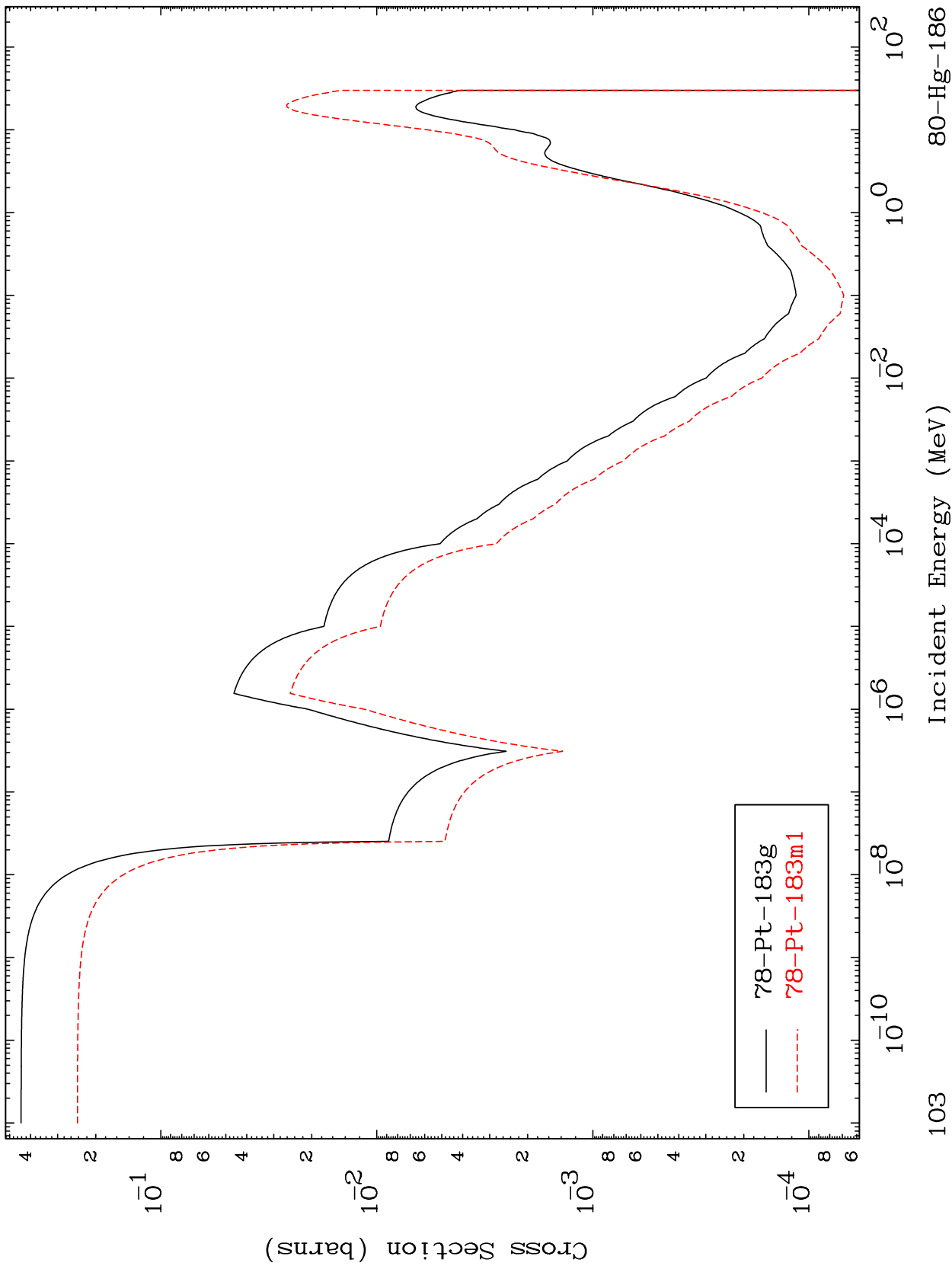
102

MAT 7995

80-Hg-186

Radionuclide Production Cross Section

(n, α)

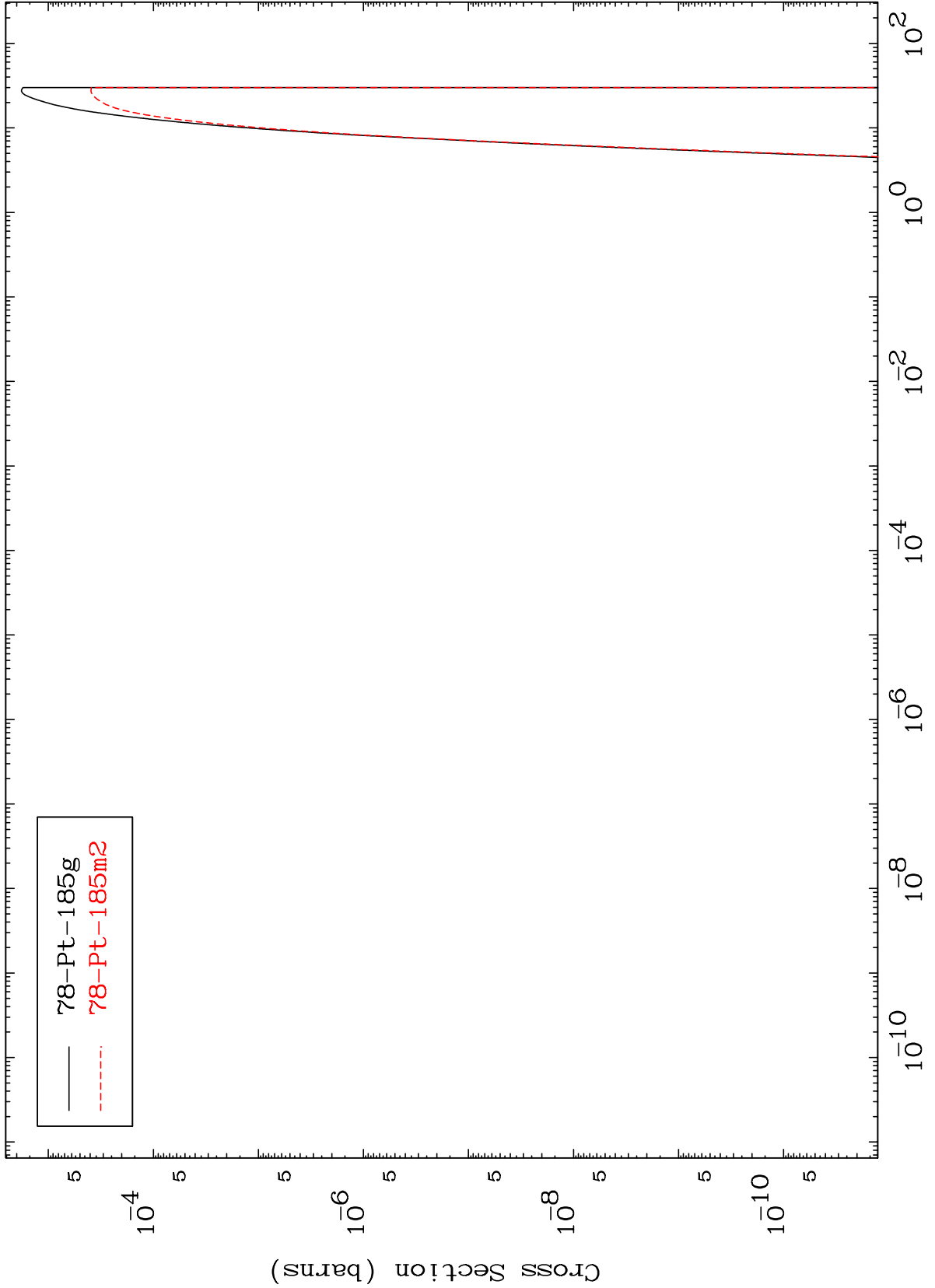


MAT 7995

(n,2p)

80-Hg-186

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

104

Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,p) t

80-Hg-186

