

Program EVALPLOT  
(Version 2021-1)

by

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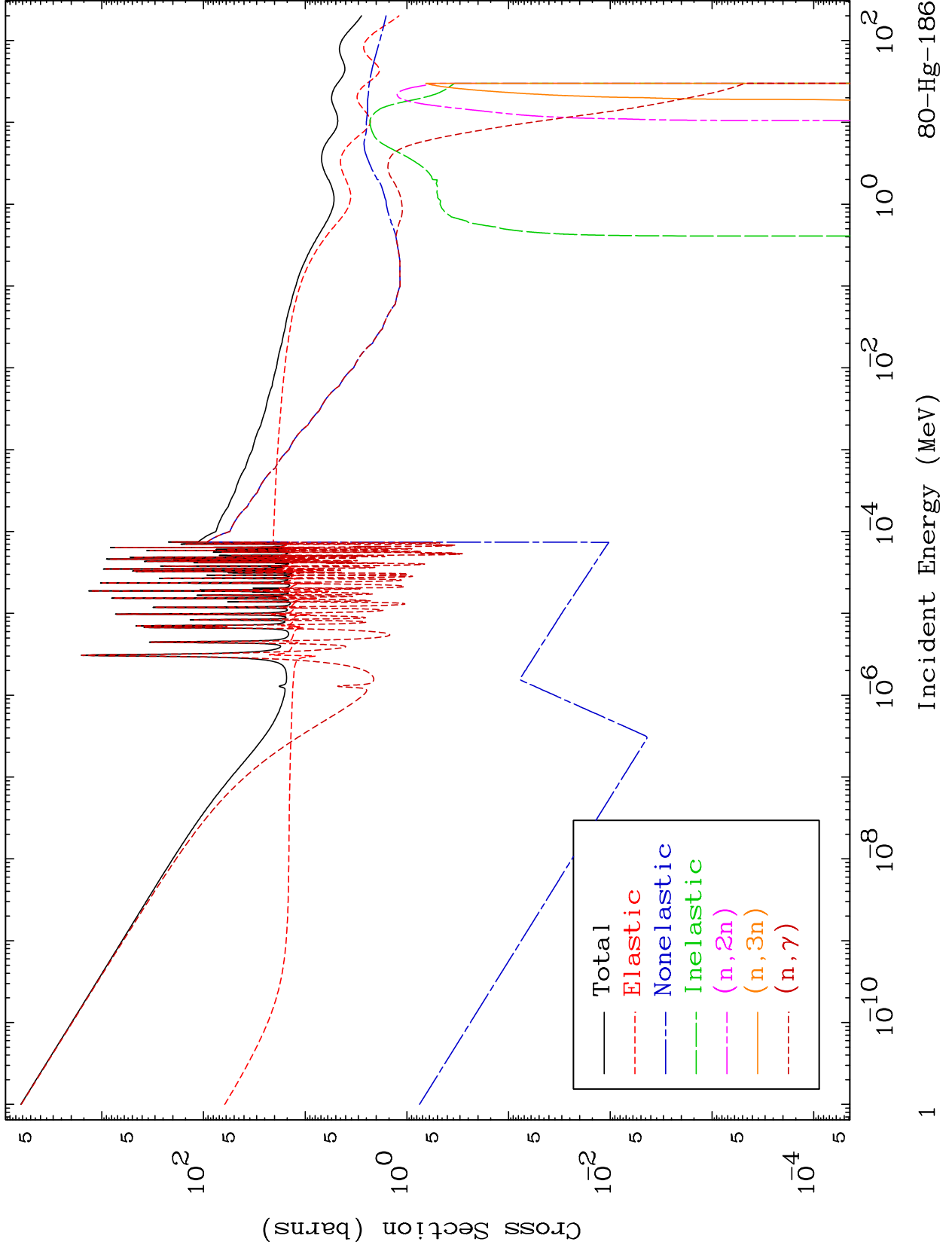
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7995

Neutron Major  
293 Kelvin Cross Sections

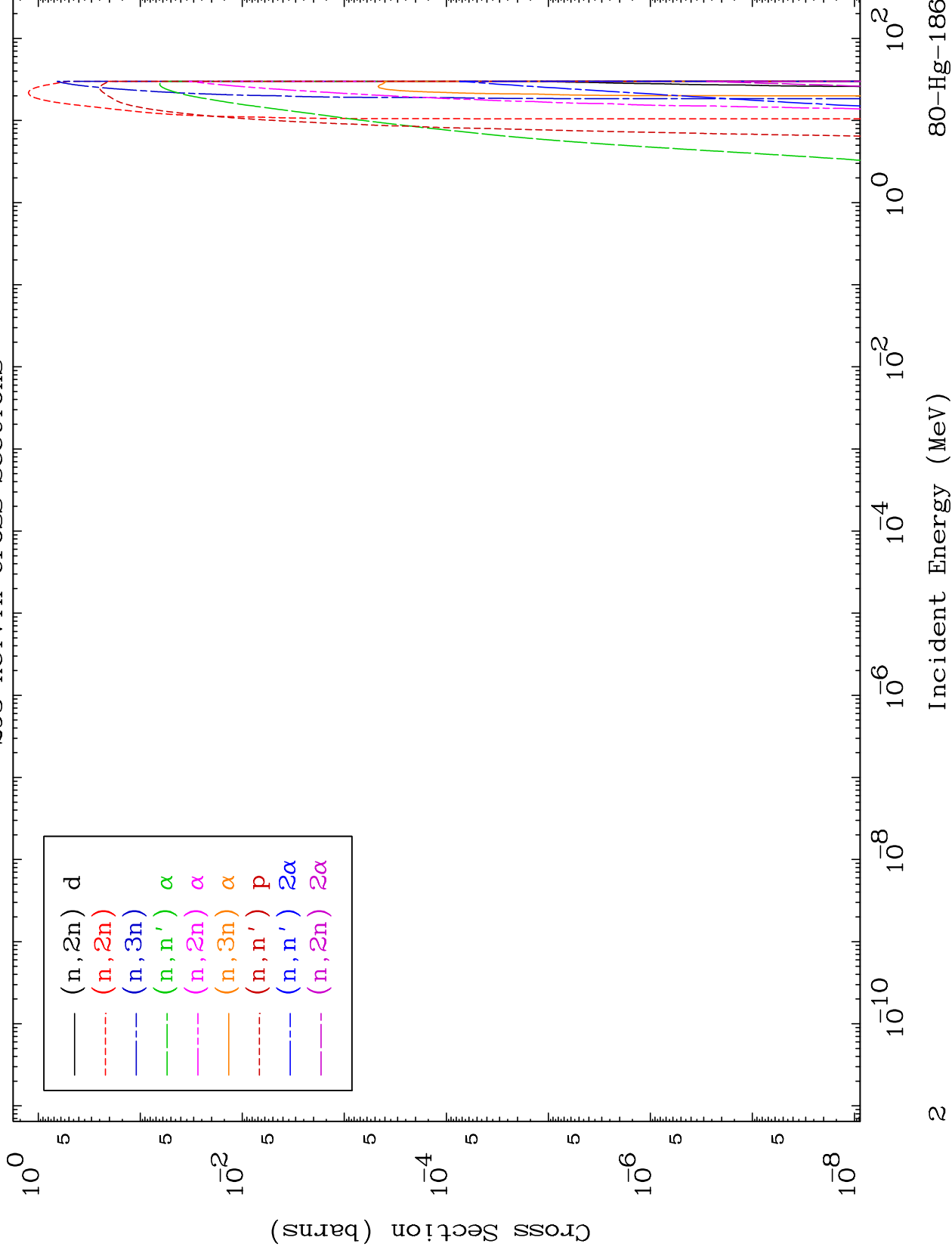
80-Hg-186

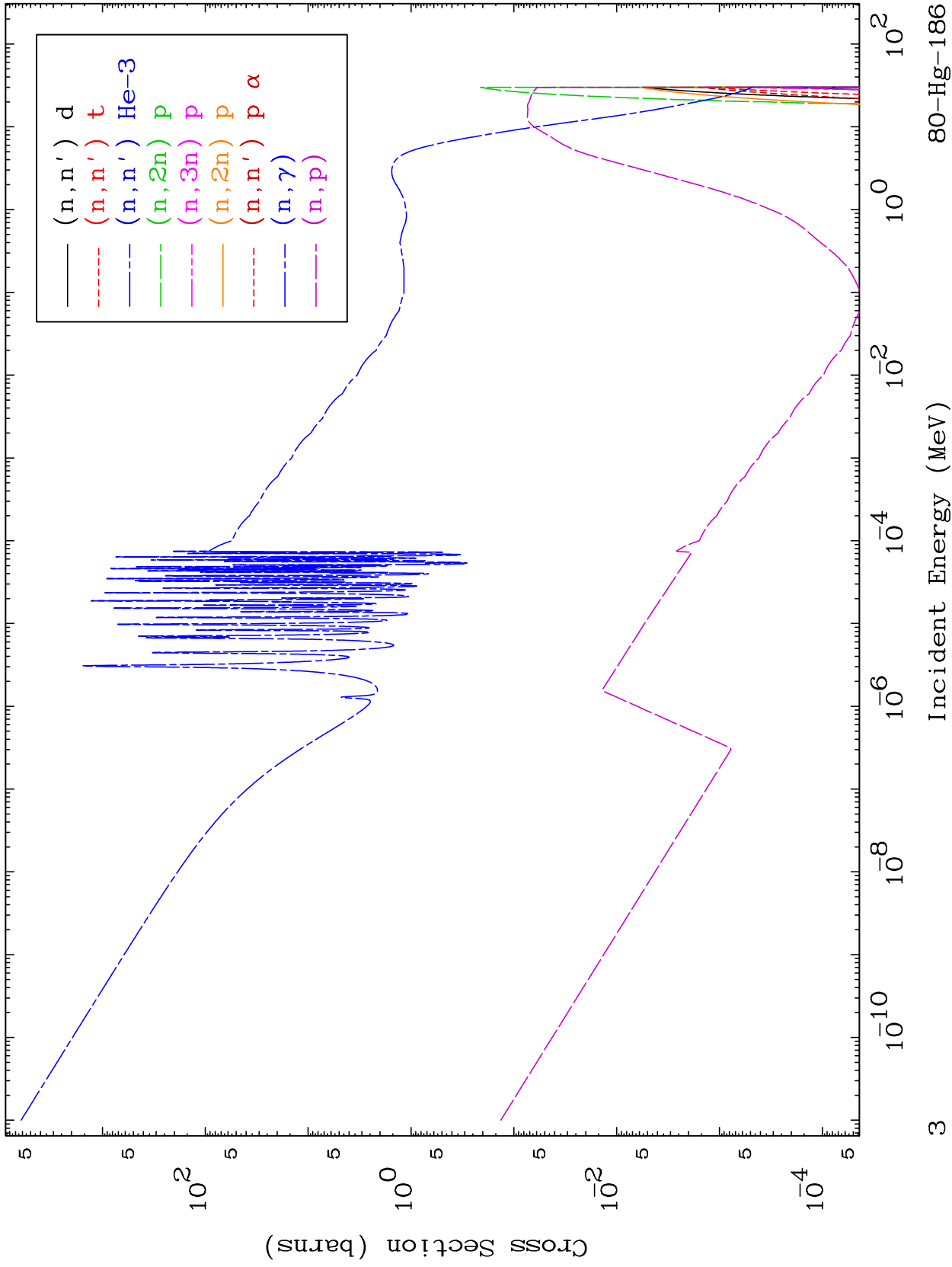


MAT 7995

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-186

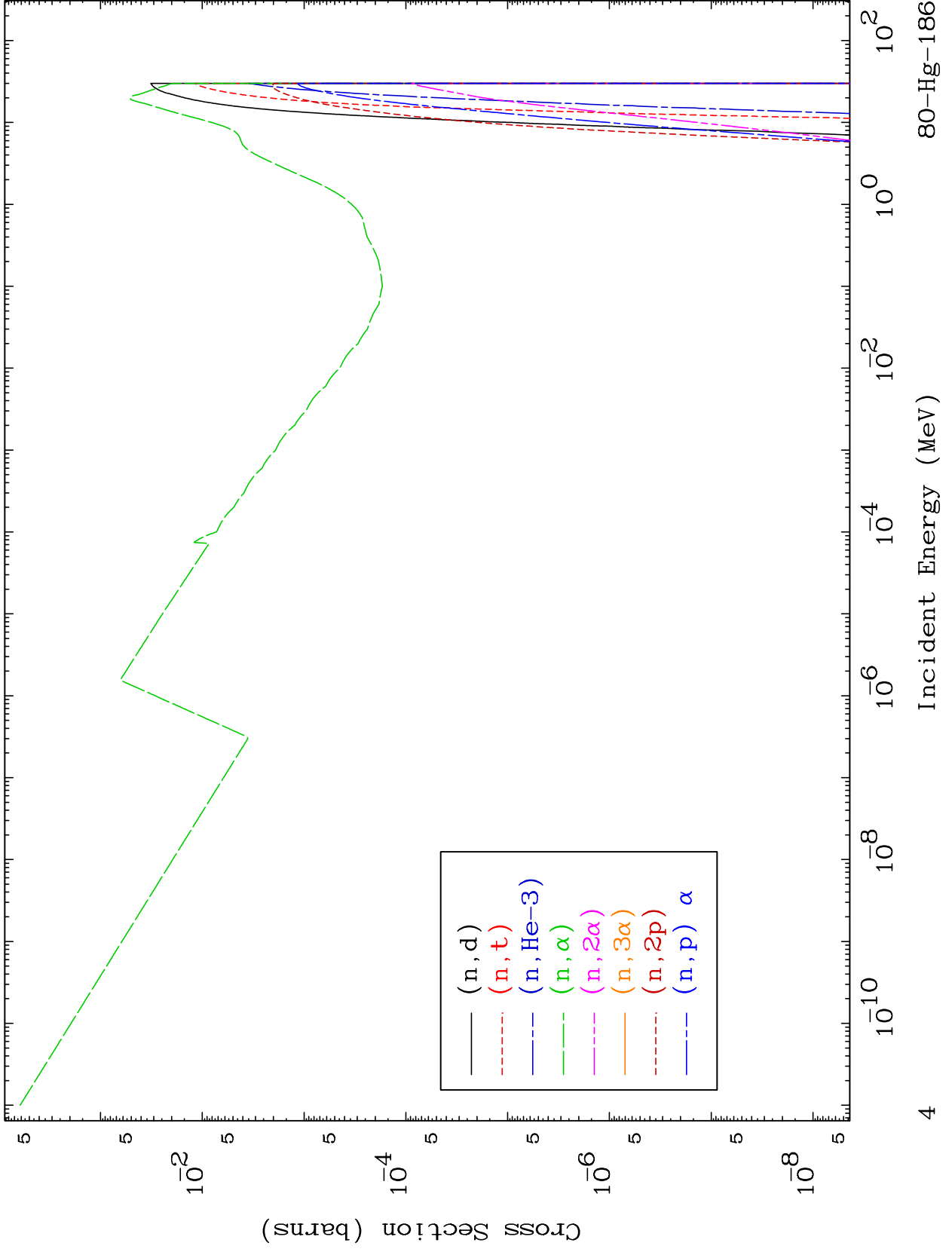




MAT 7995

Neutron Absorption  
293 Kelvin Cross Sections

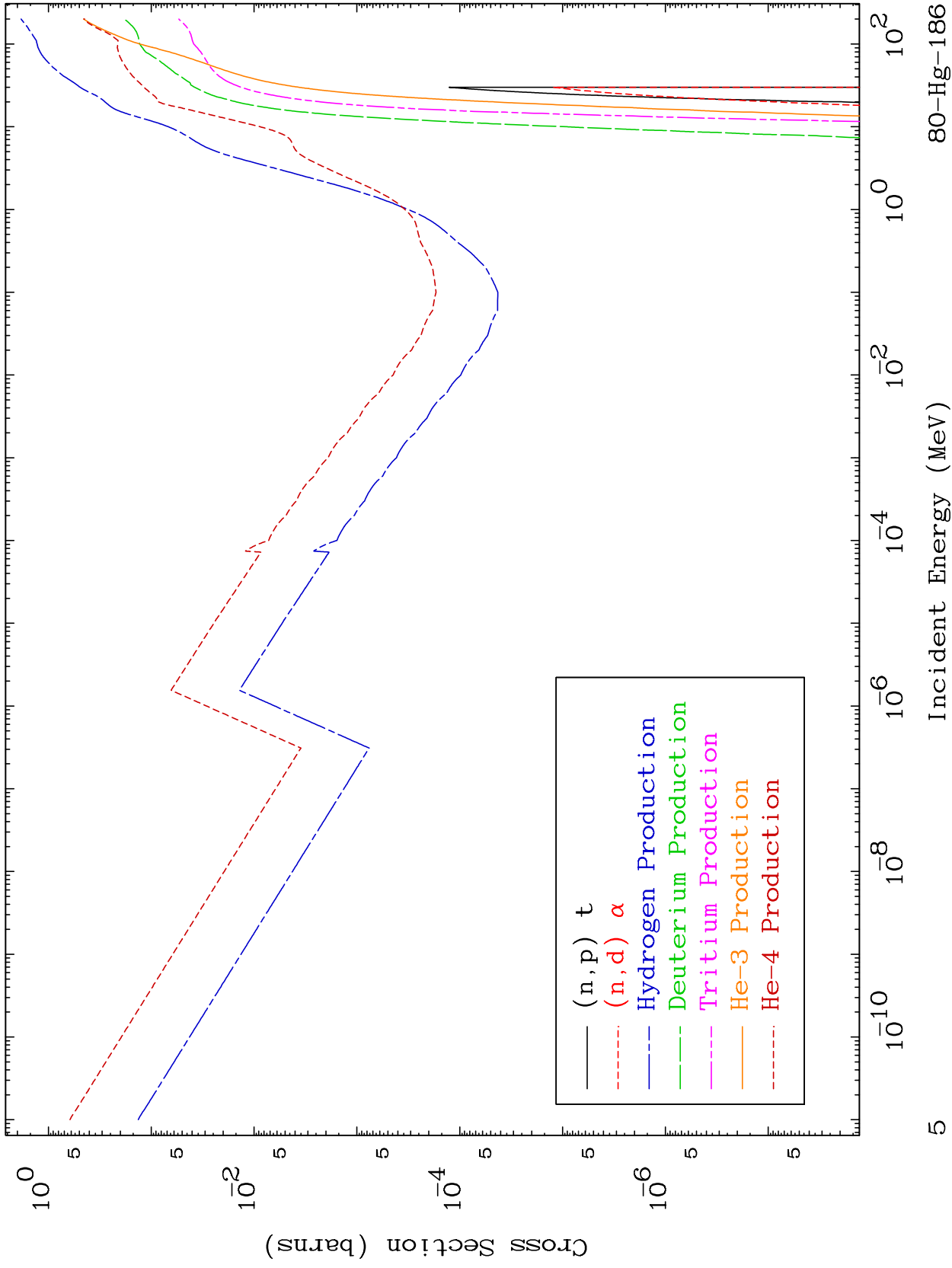
80-Hg-186



MAT 7995

Neutron Absorption  
293 Kelvin Cross Sections

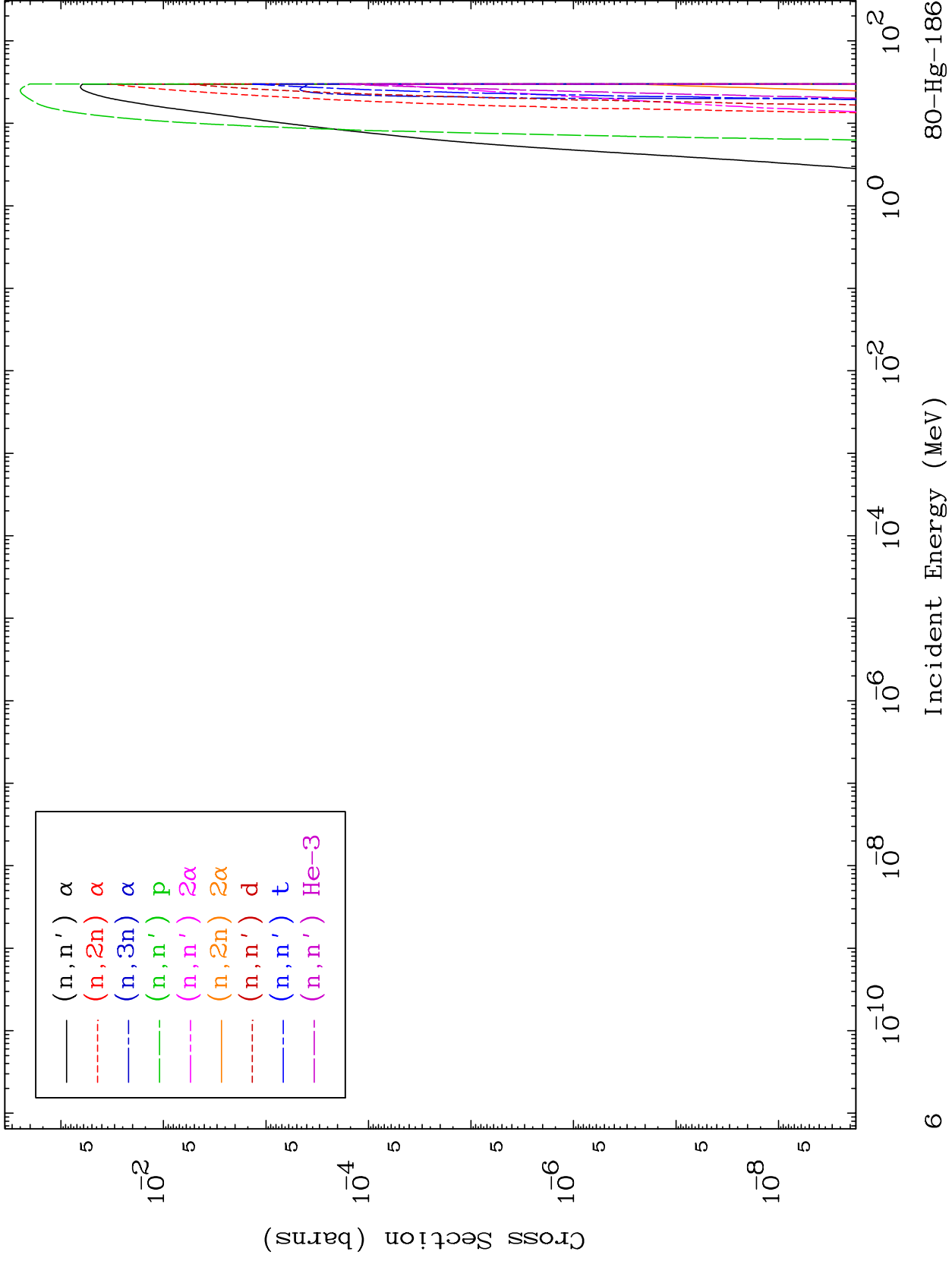
80-Hg-186



MAT 7995

Charged Particle  
293 Kelvin Cross Sections

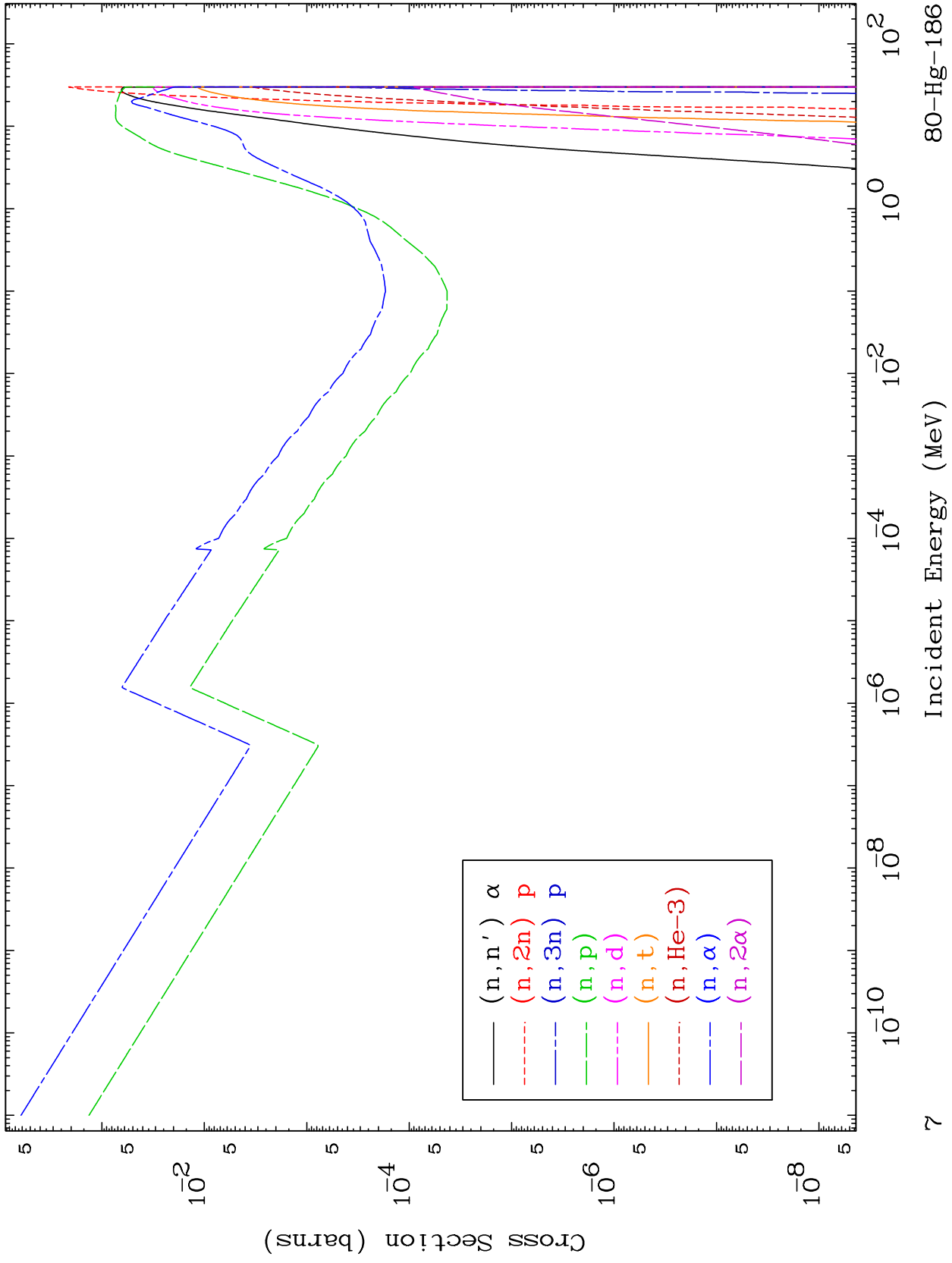
80-Hg-186



MAT 7995

Charged Particle  
293 Kelvin Cross Sections

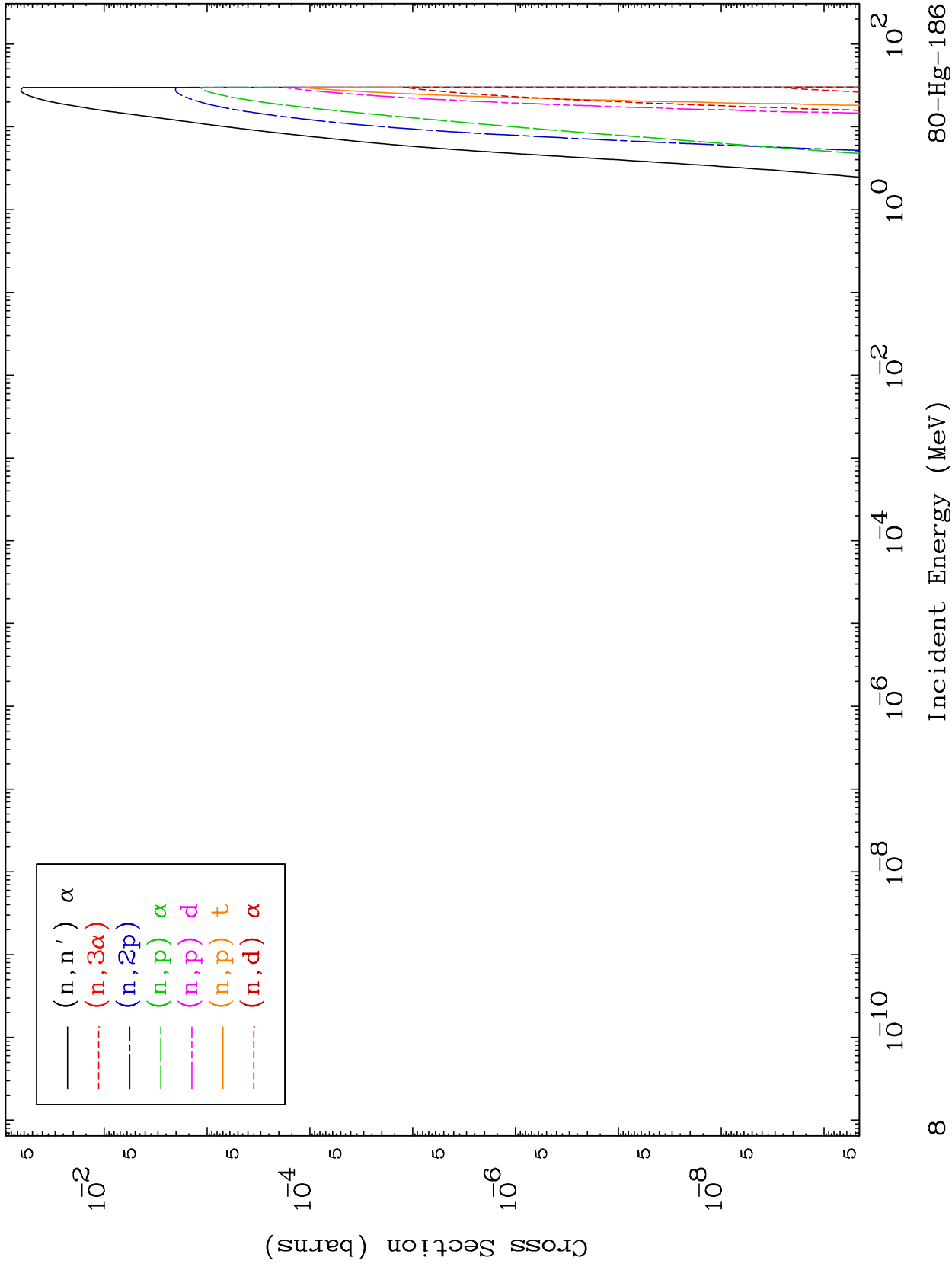
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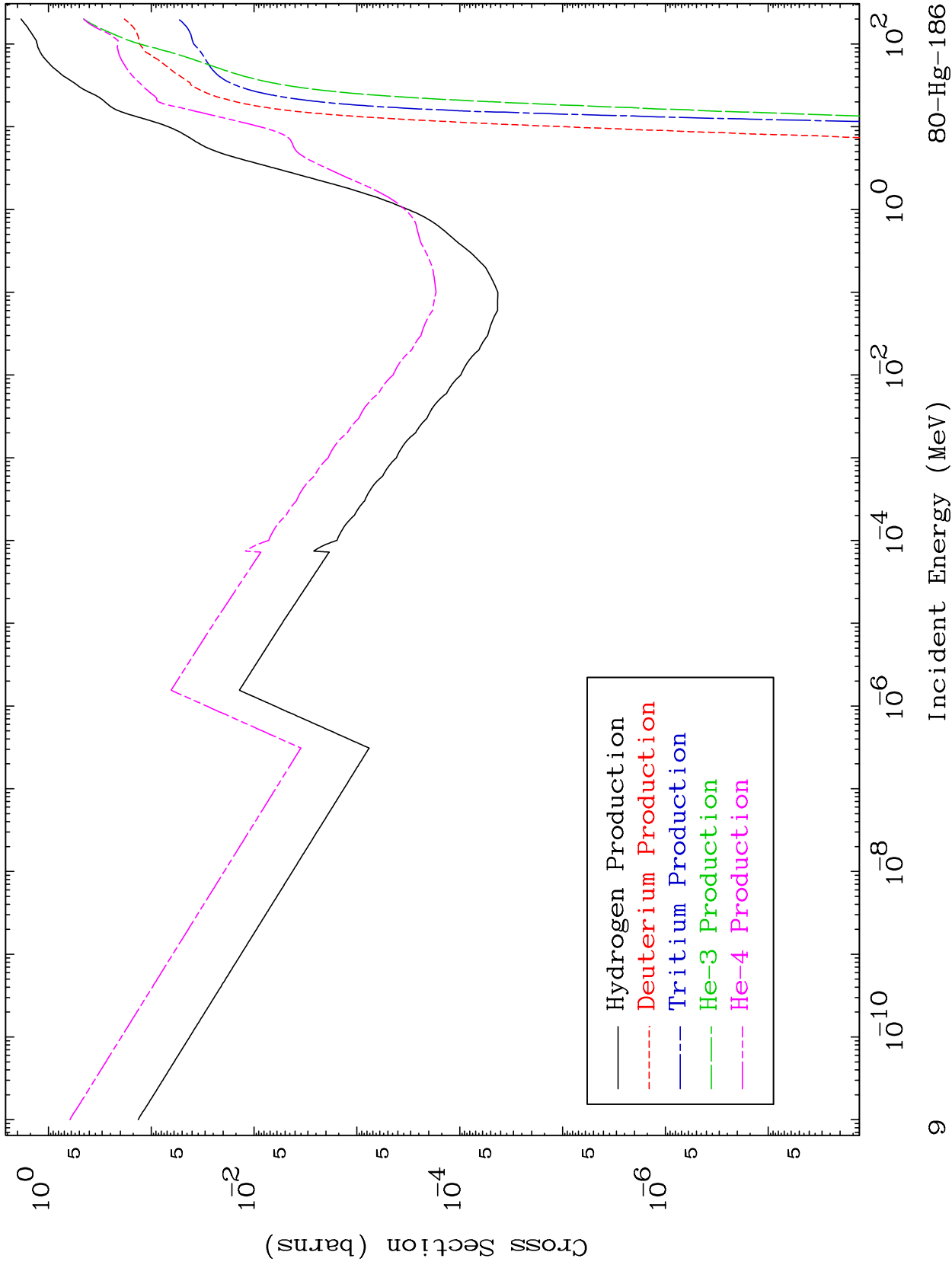


MAT 7995

Charged Particle  
293 Kelvin Cross Sections

80-Hg-186

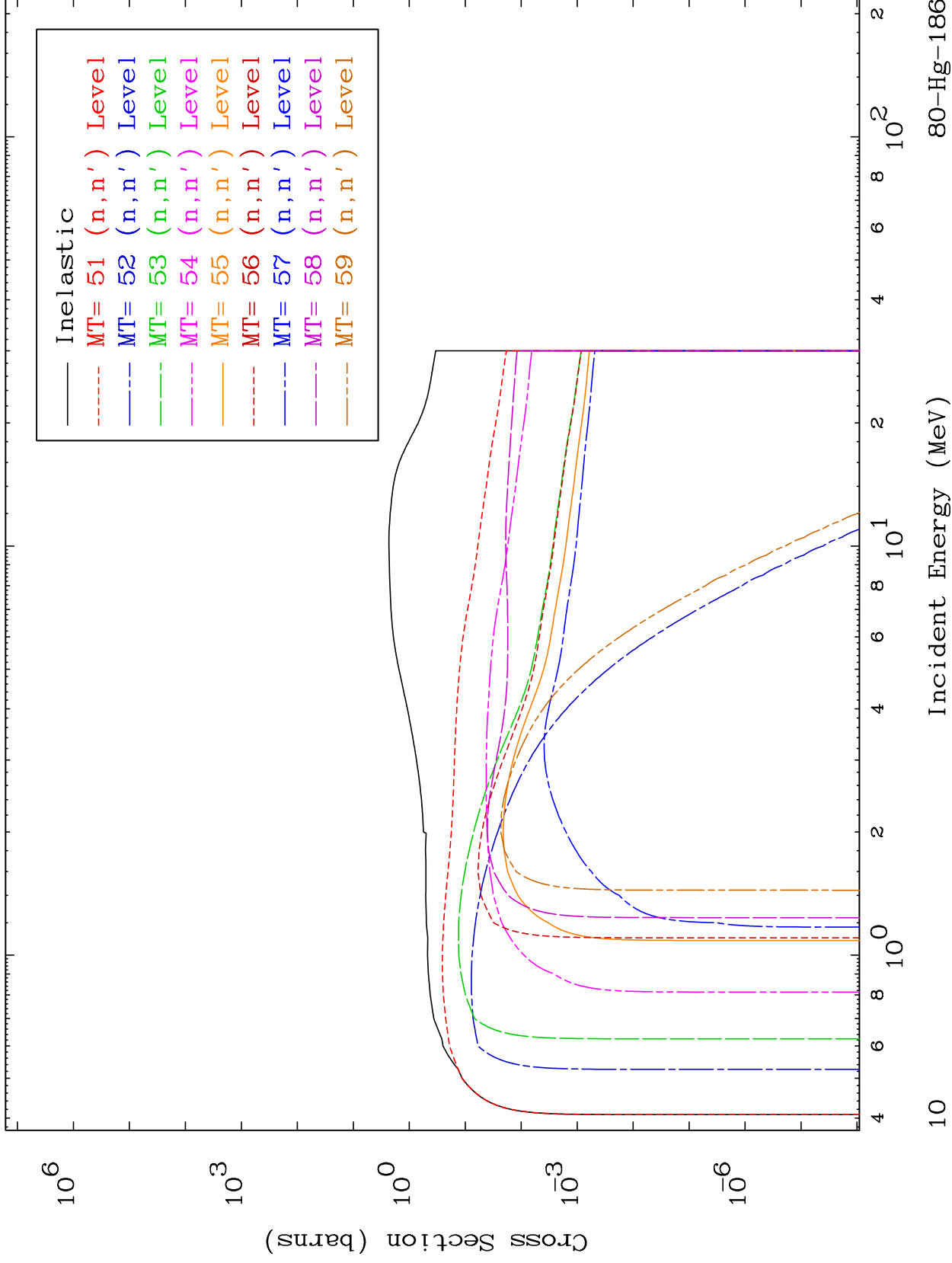


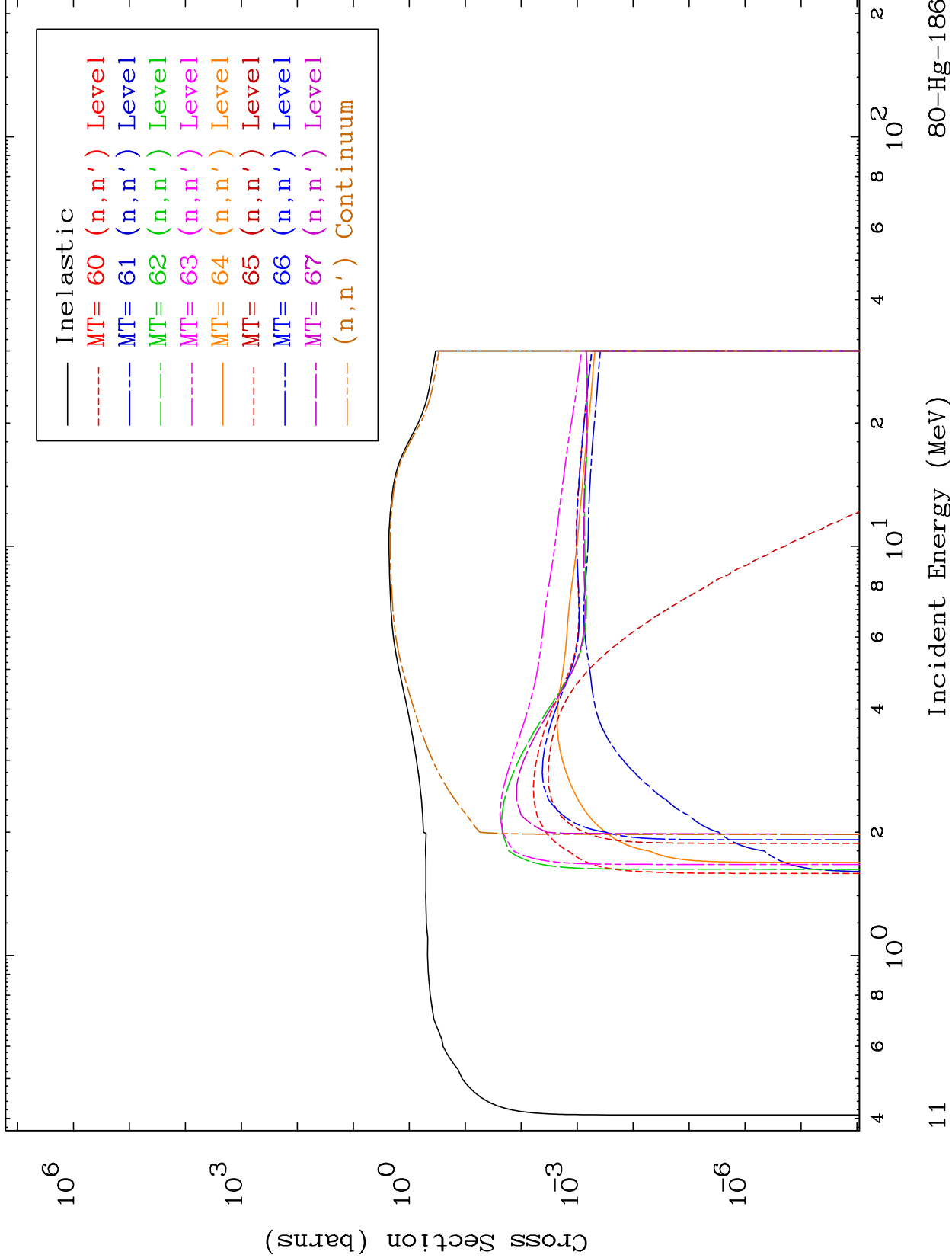


MAT 7995

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-186

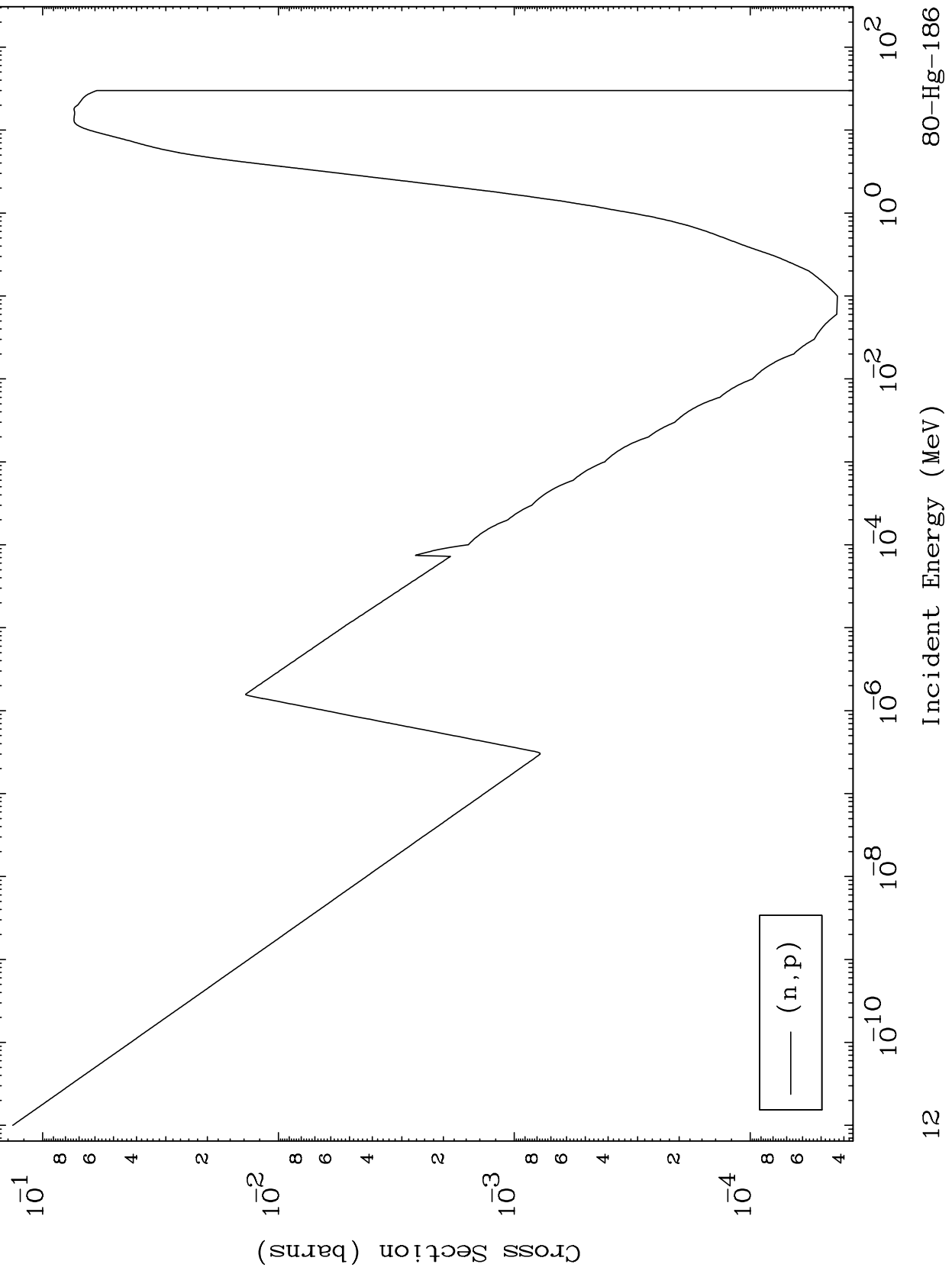




MAT 7995

(n,p) Levels  
293 Kelvin Cross Sections

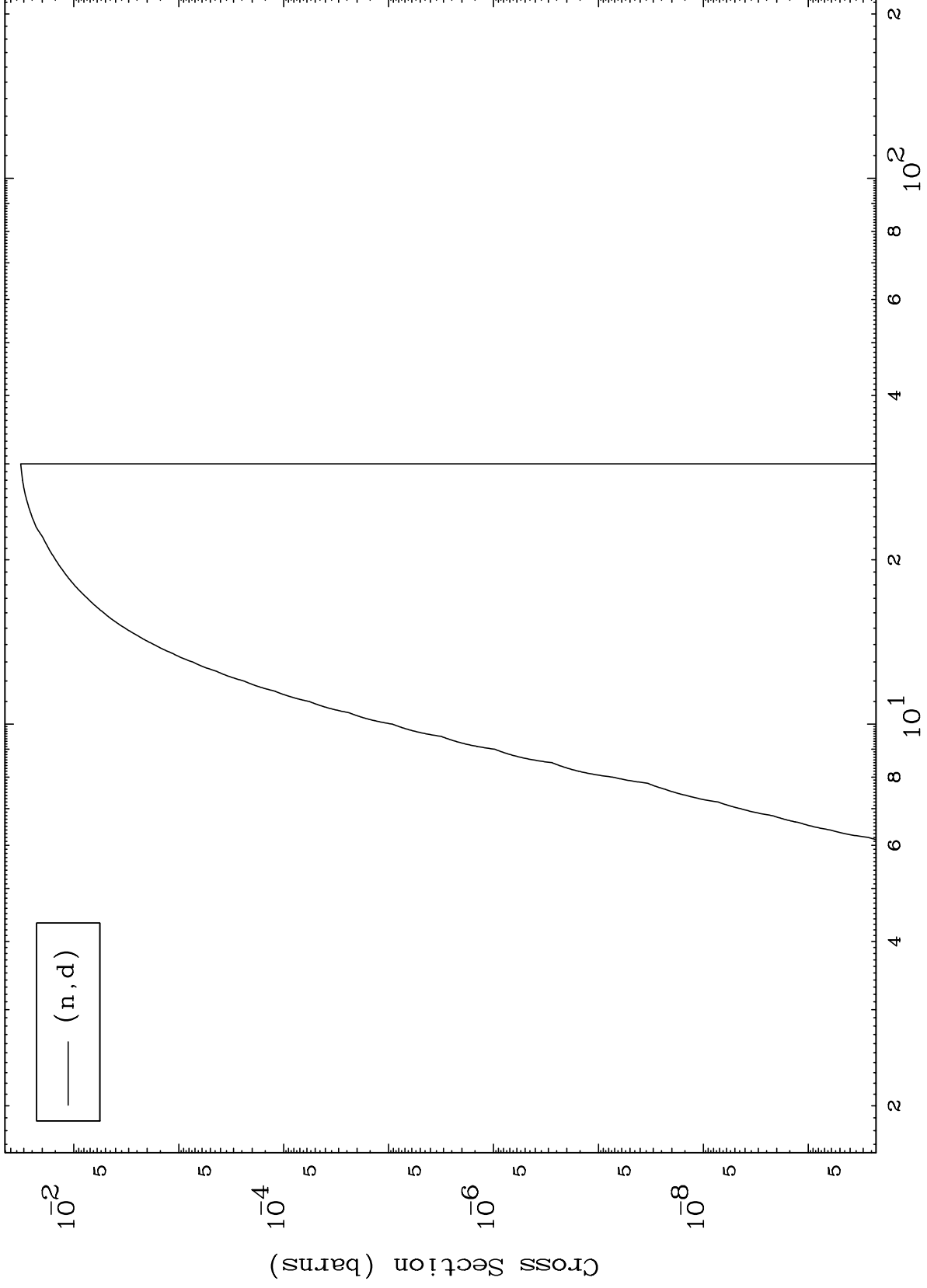
80-Hg-186



MAT 7995

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-186



13

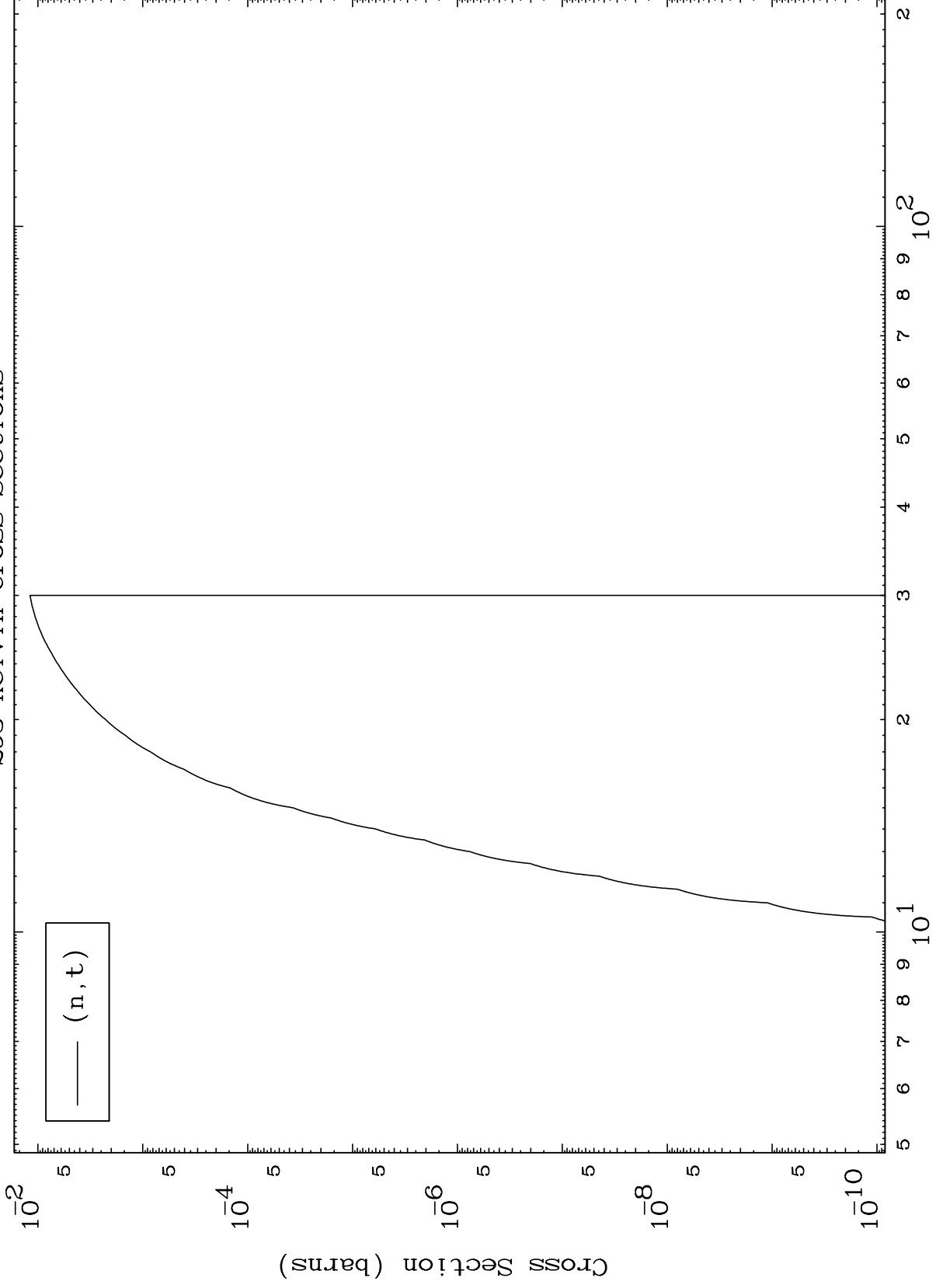
Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-186



14

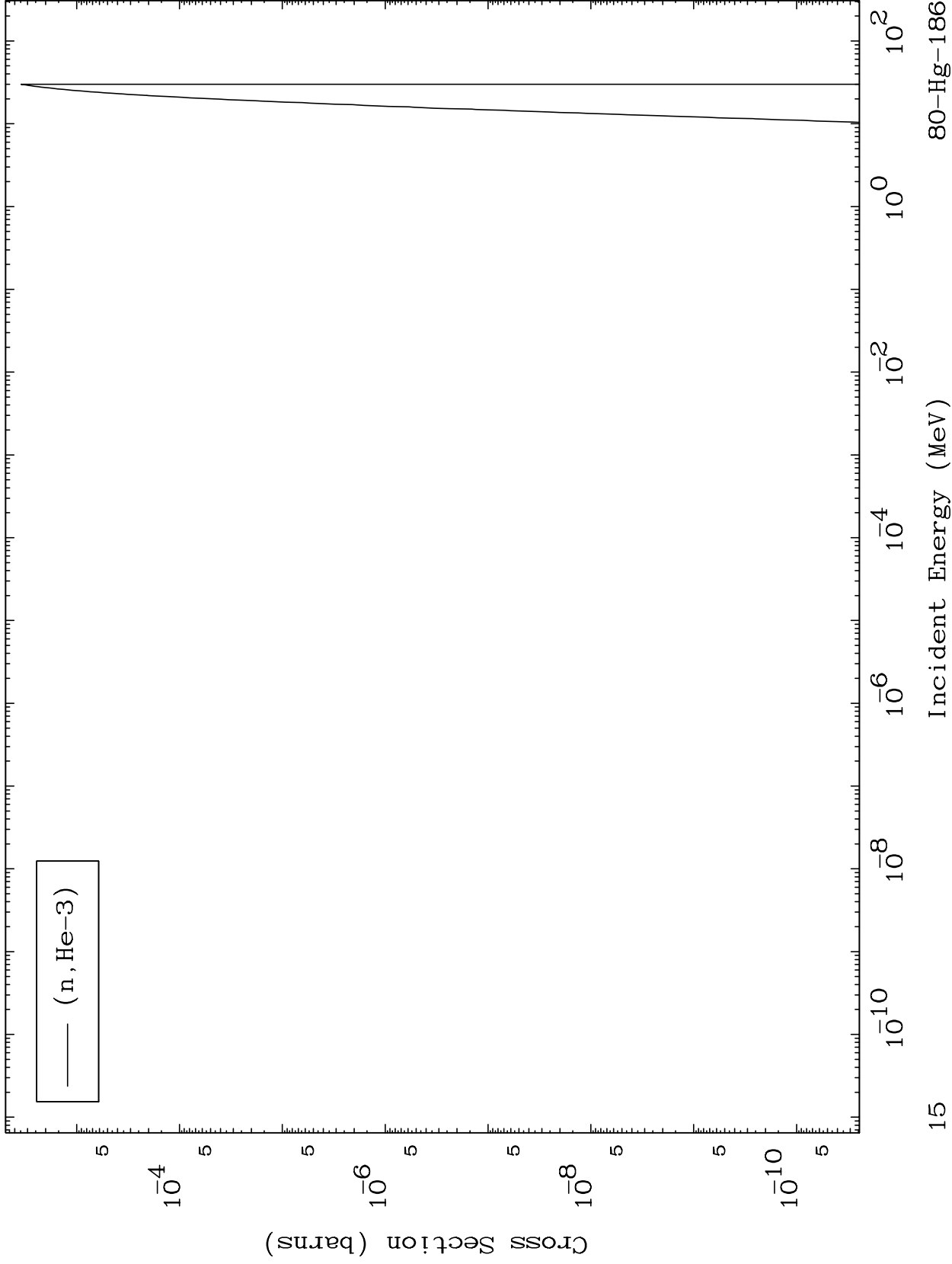
Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,He3) Levels  
293 Kelvin Cross Sections

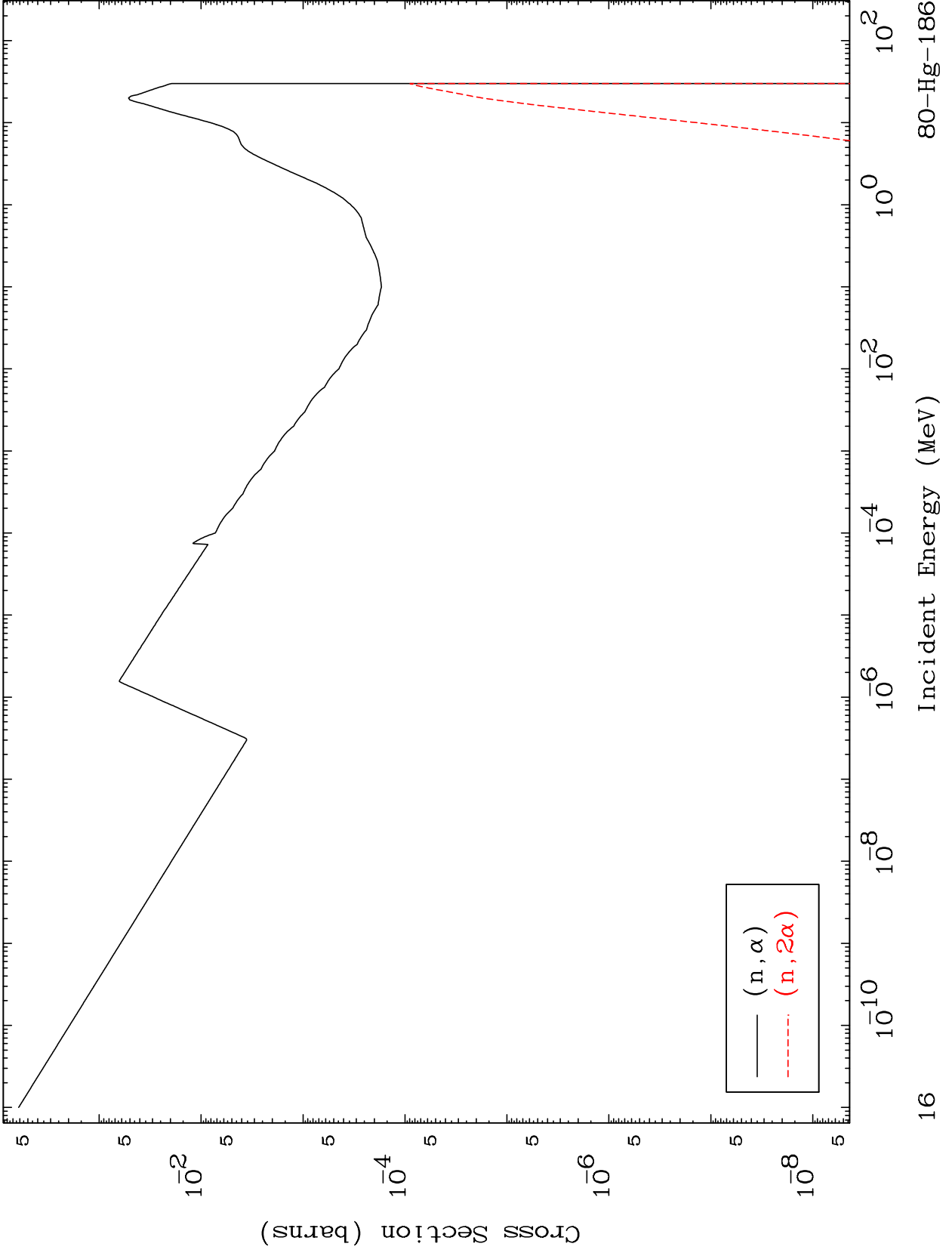
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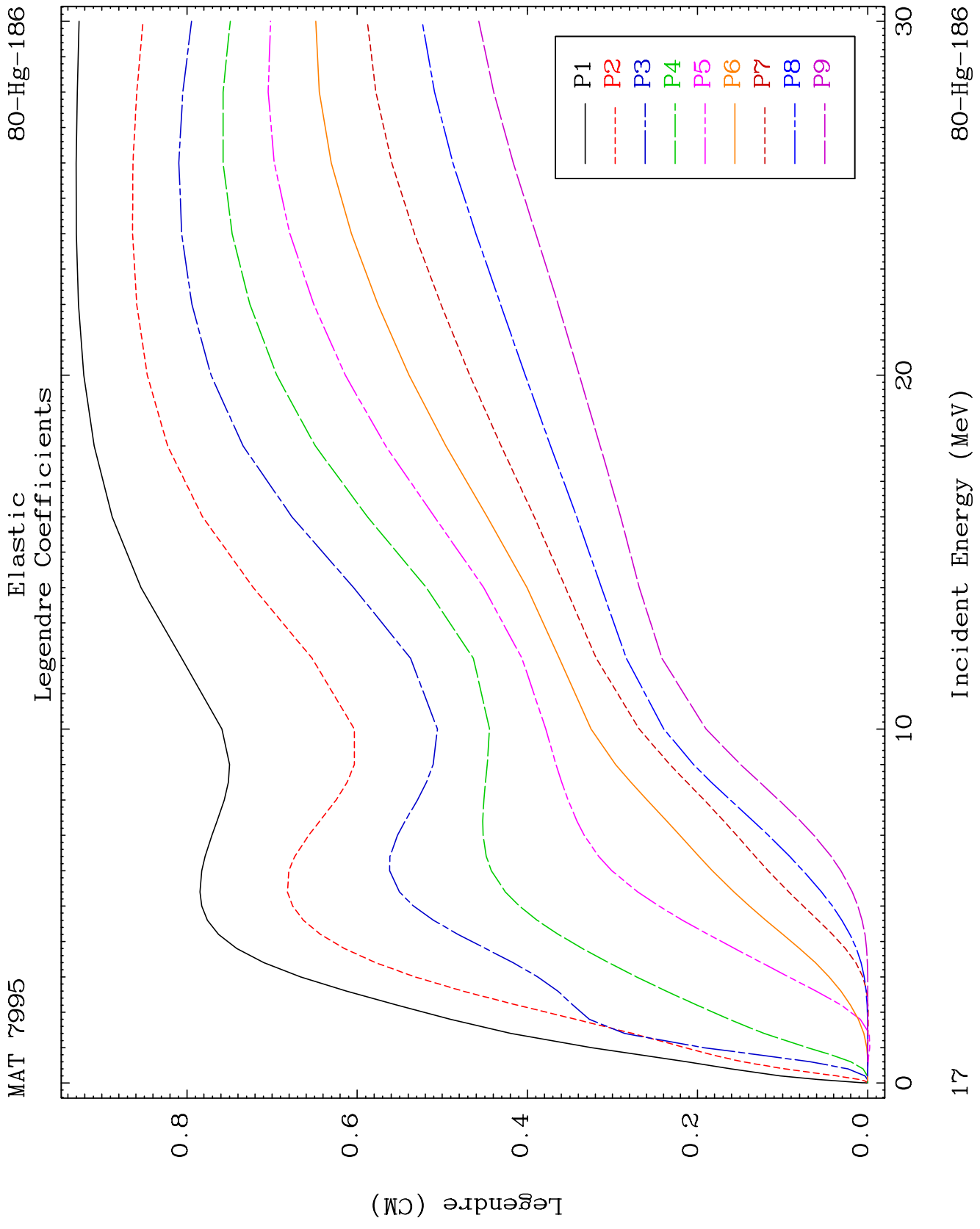


MAT 7995

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

80-Hg-186





80-Hg-186

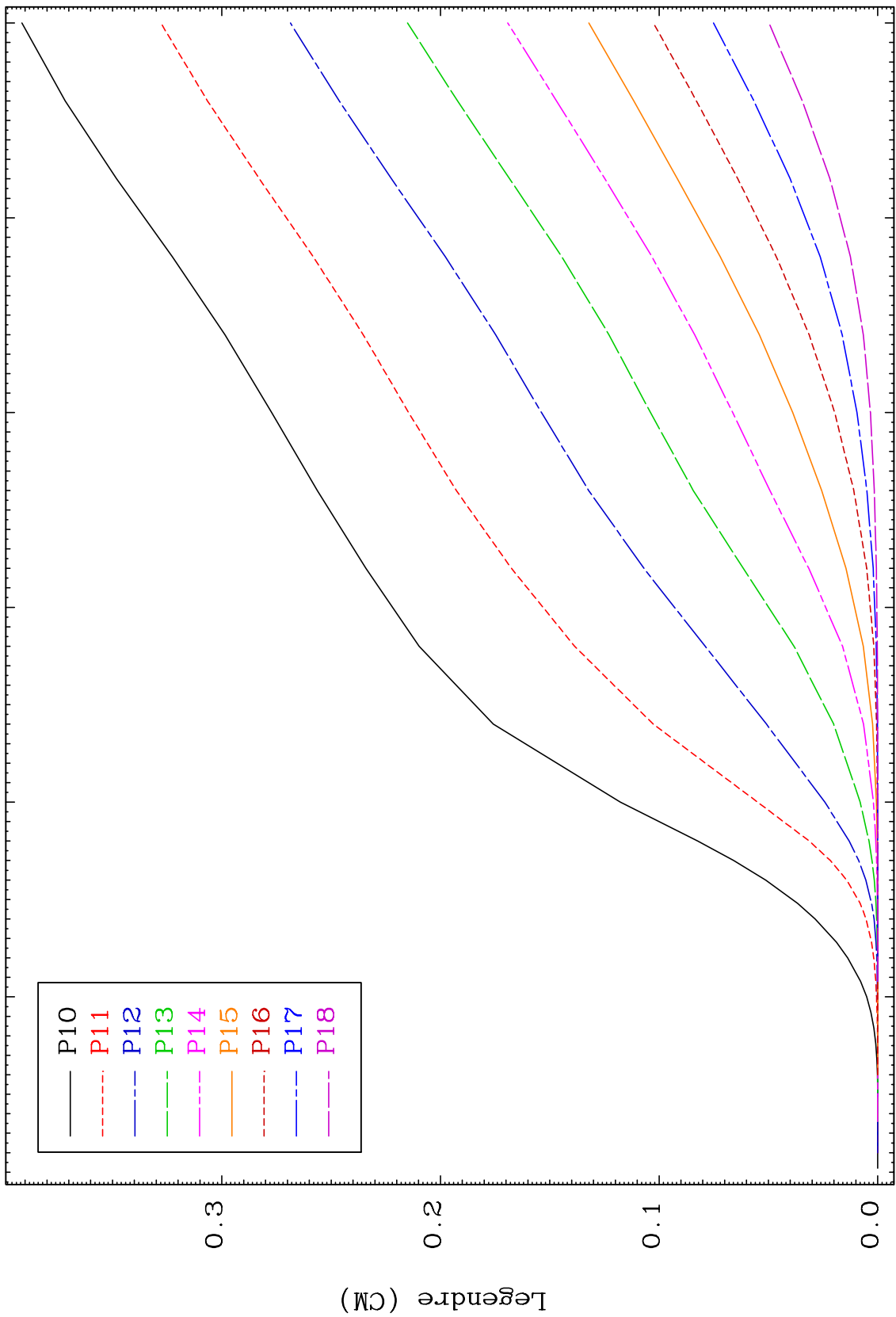
Incident Energy (MeV)

17

MAT 7995

Elastic Legendre Coefficients

80-Hg-186



18

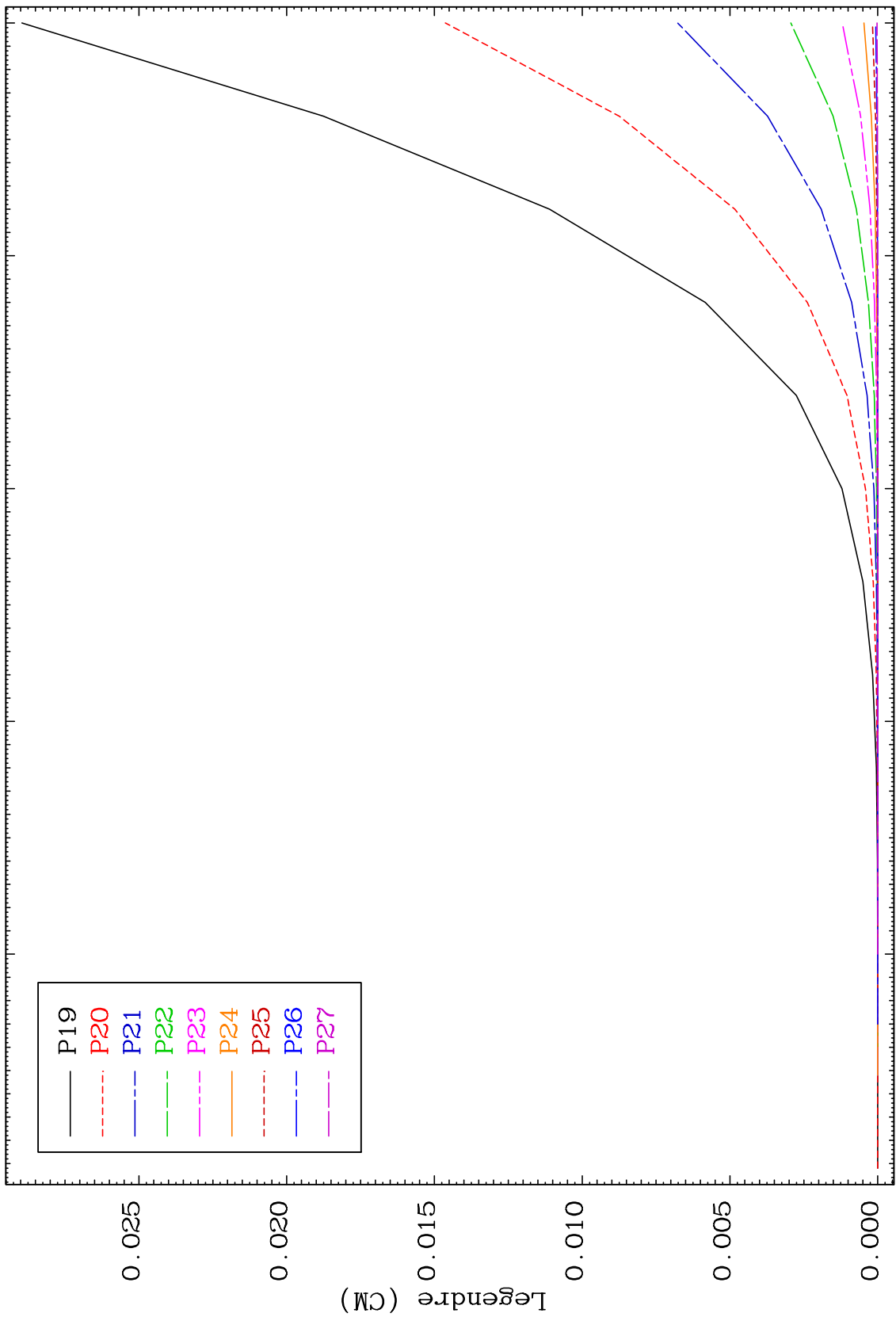
Incident Energy (MeV)

80-Hg-186

MAT 7995

### Elastic Legendre Coefficients

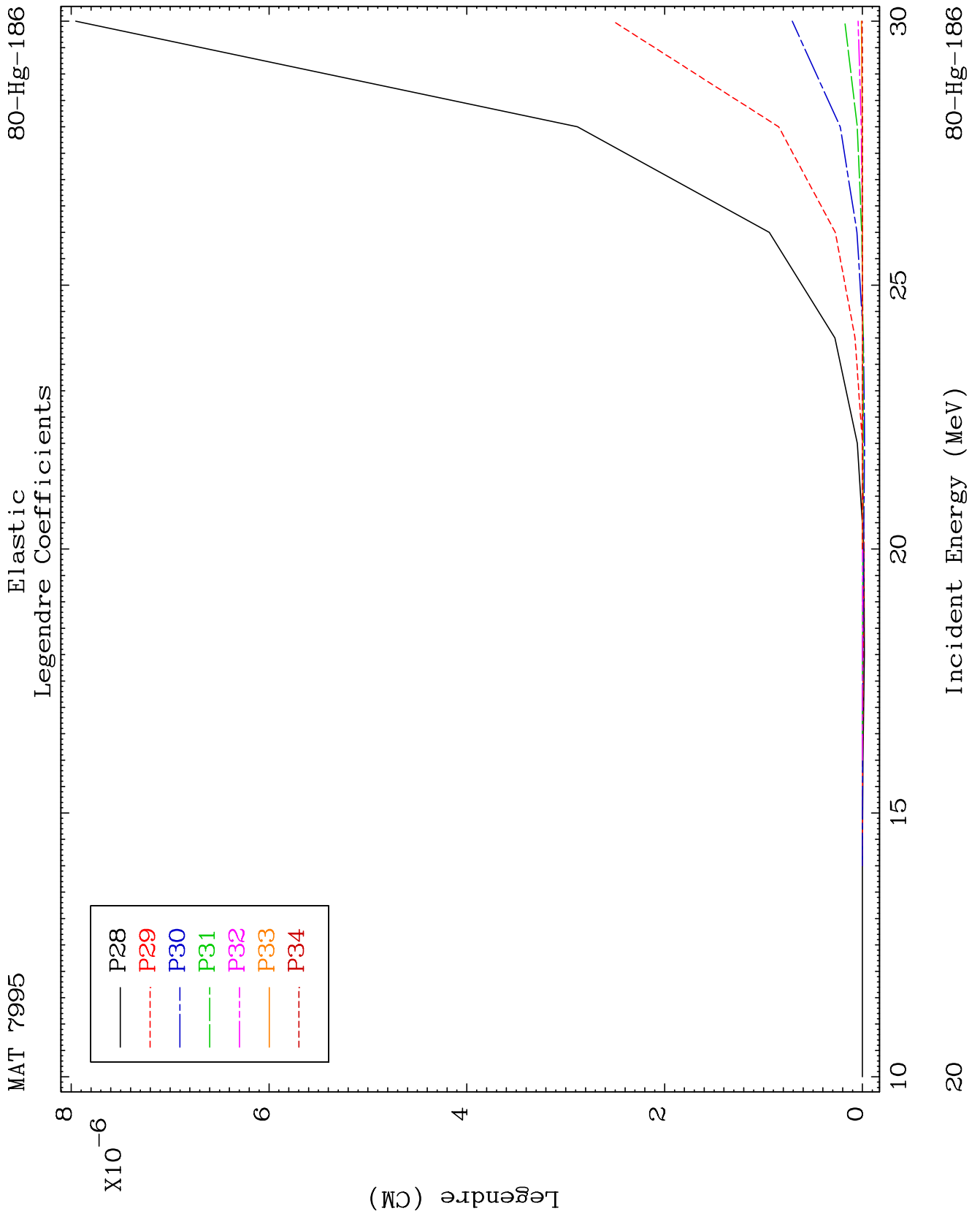
80-Hg-186



19

Incident Energy (MeV)

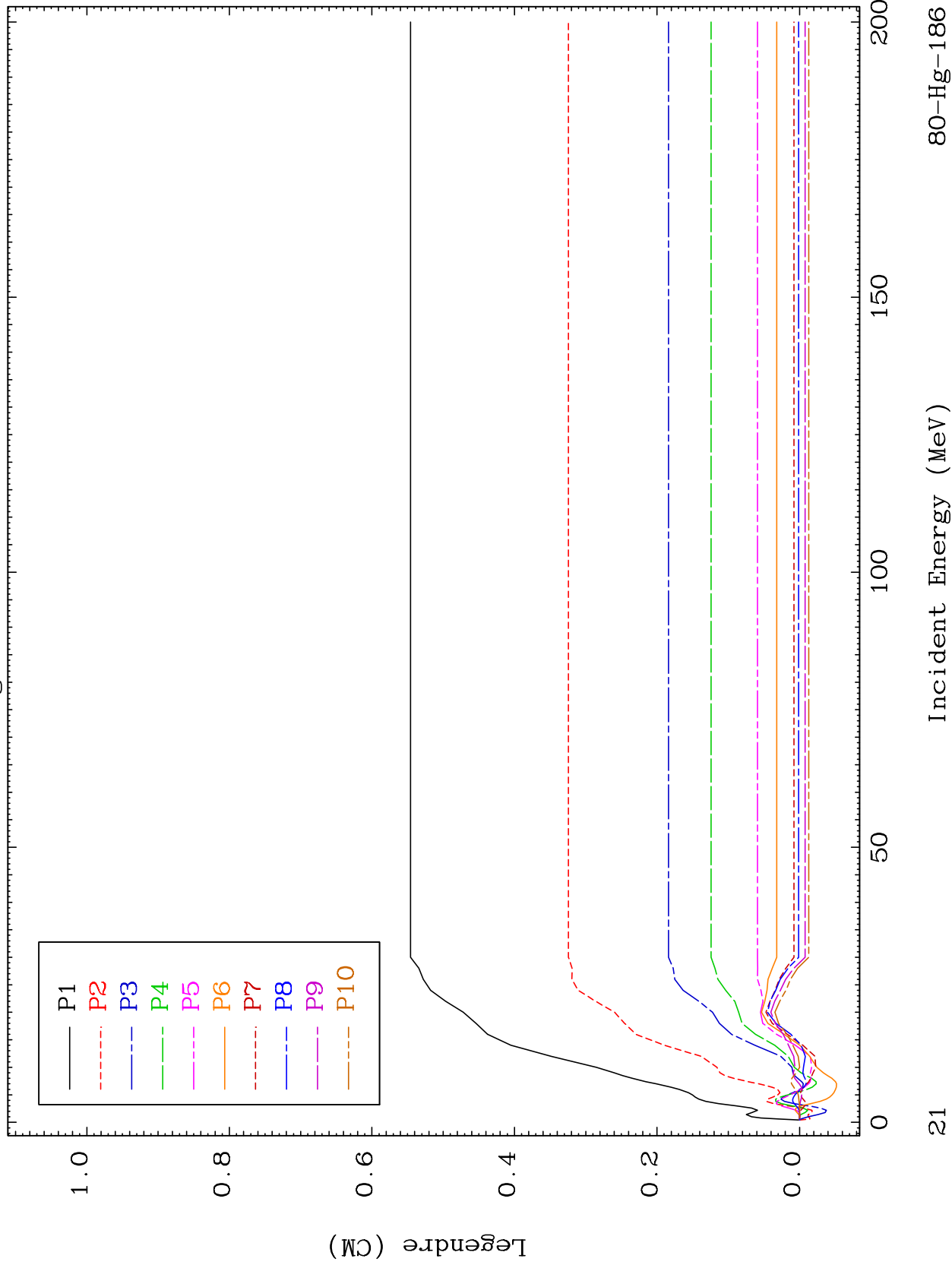
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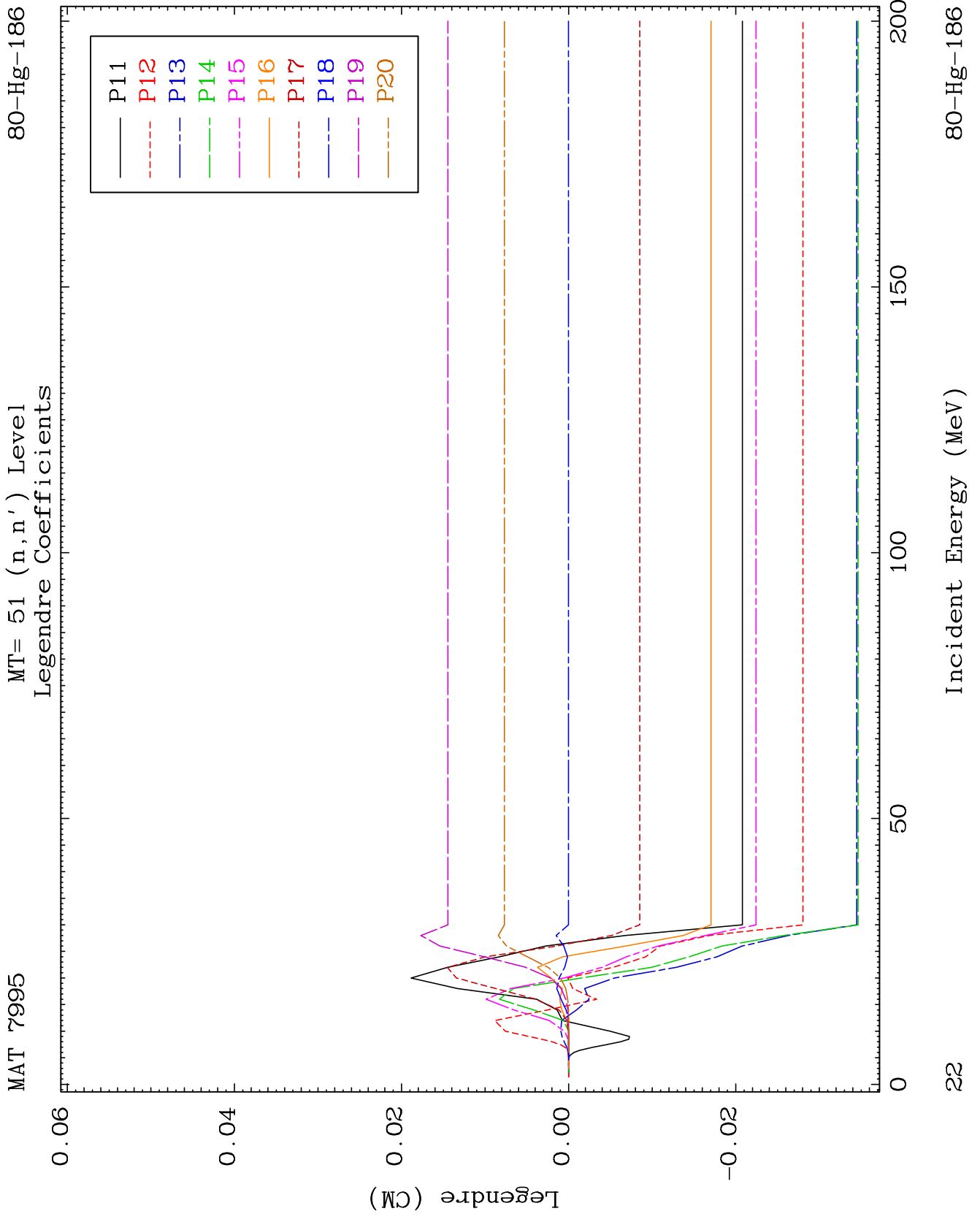


MAT 7995

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

80-Hg-186

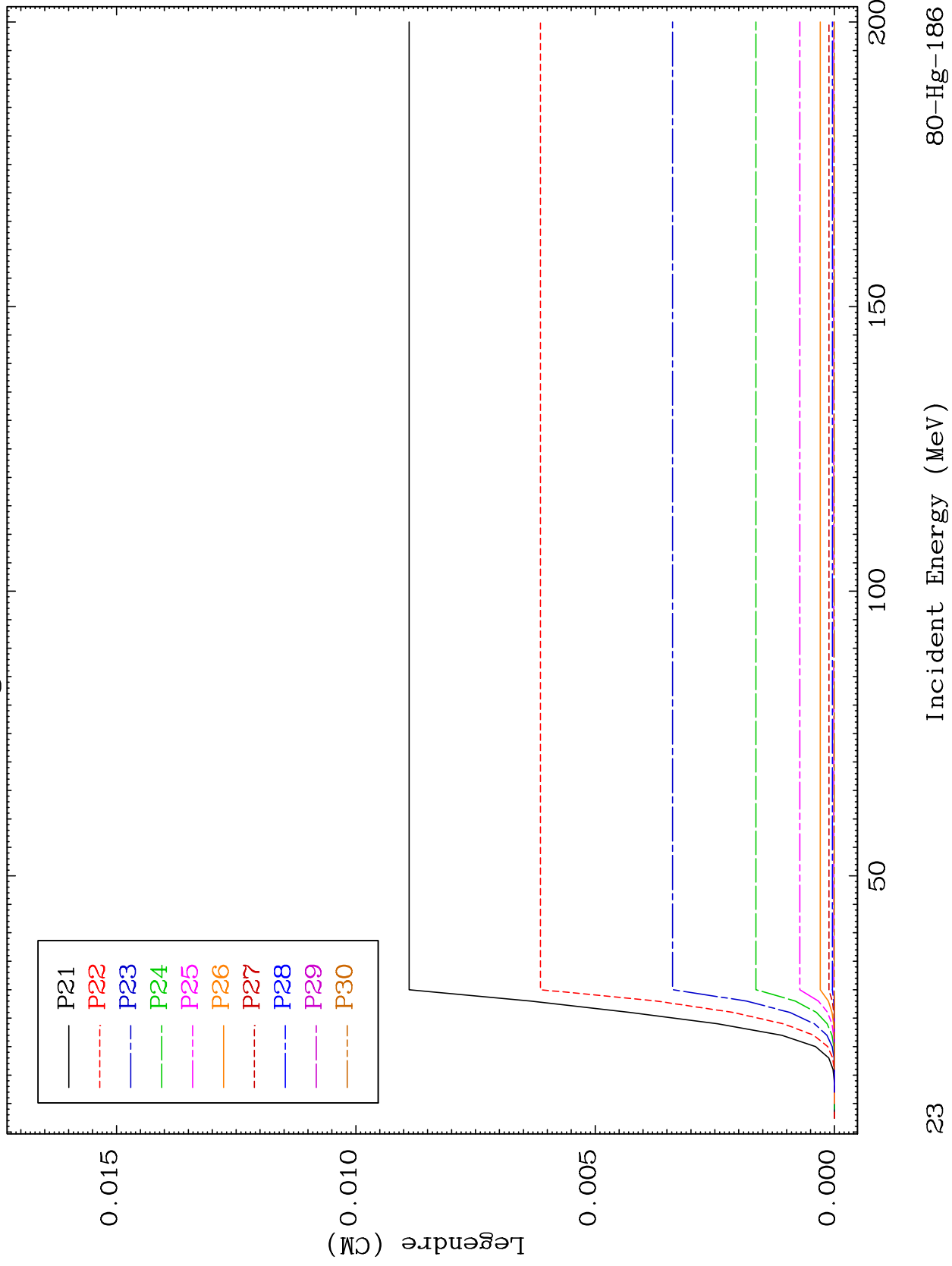




MAT 7995

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

80-Hg-186



23

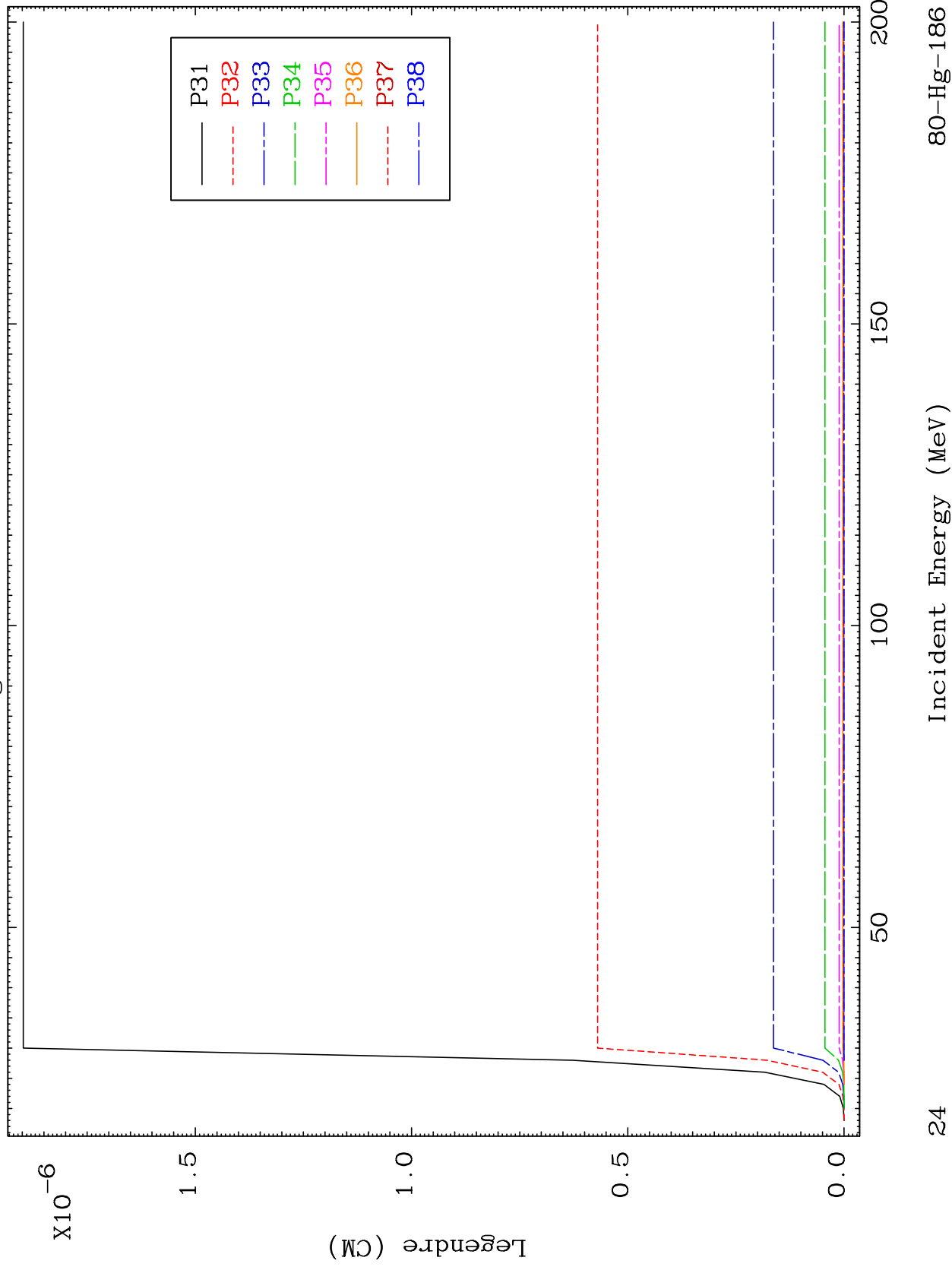
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

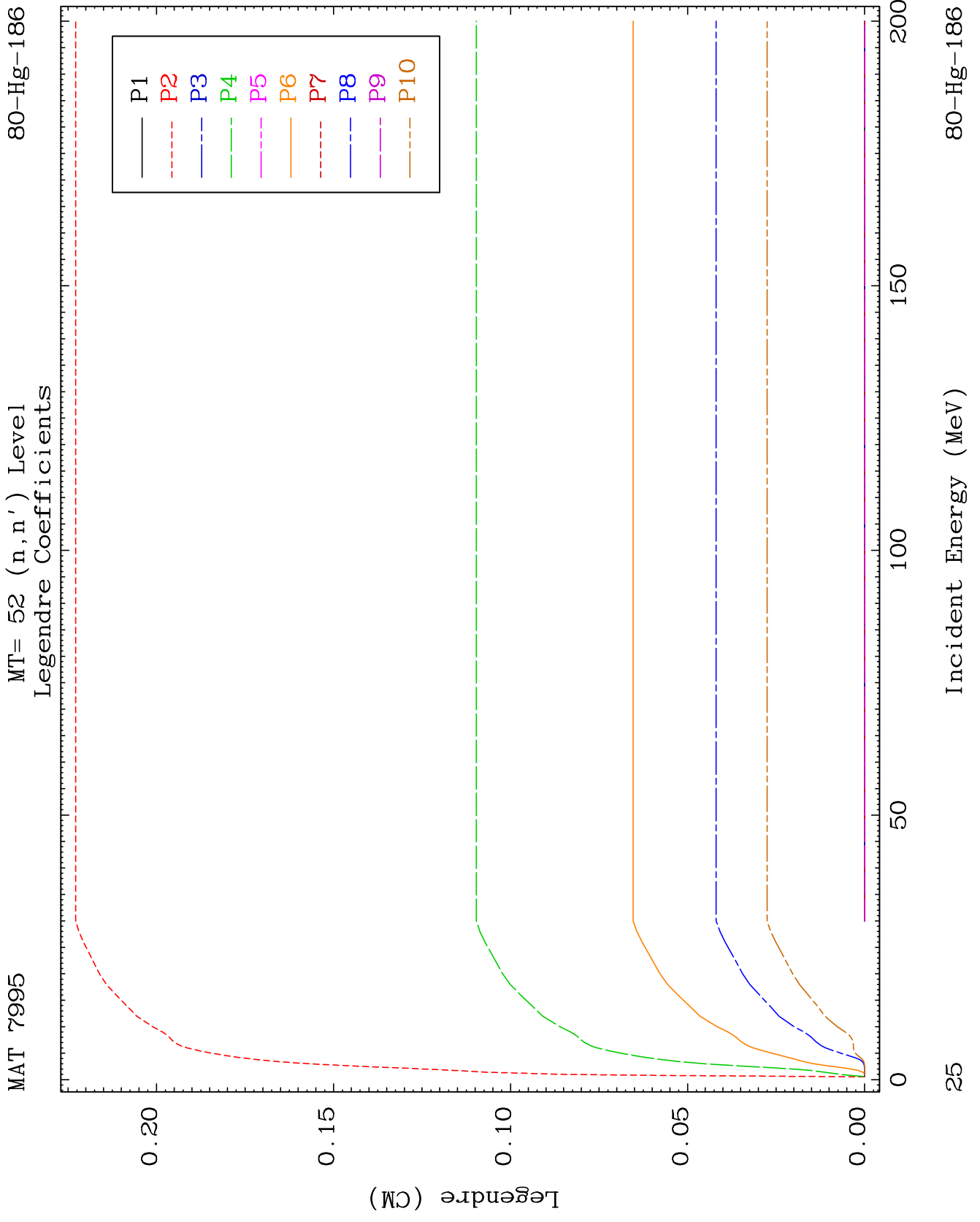
80-Hg-186



24

Incident Energy (MeV)

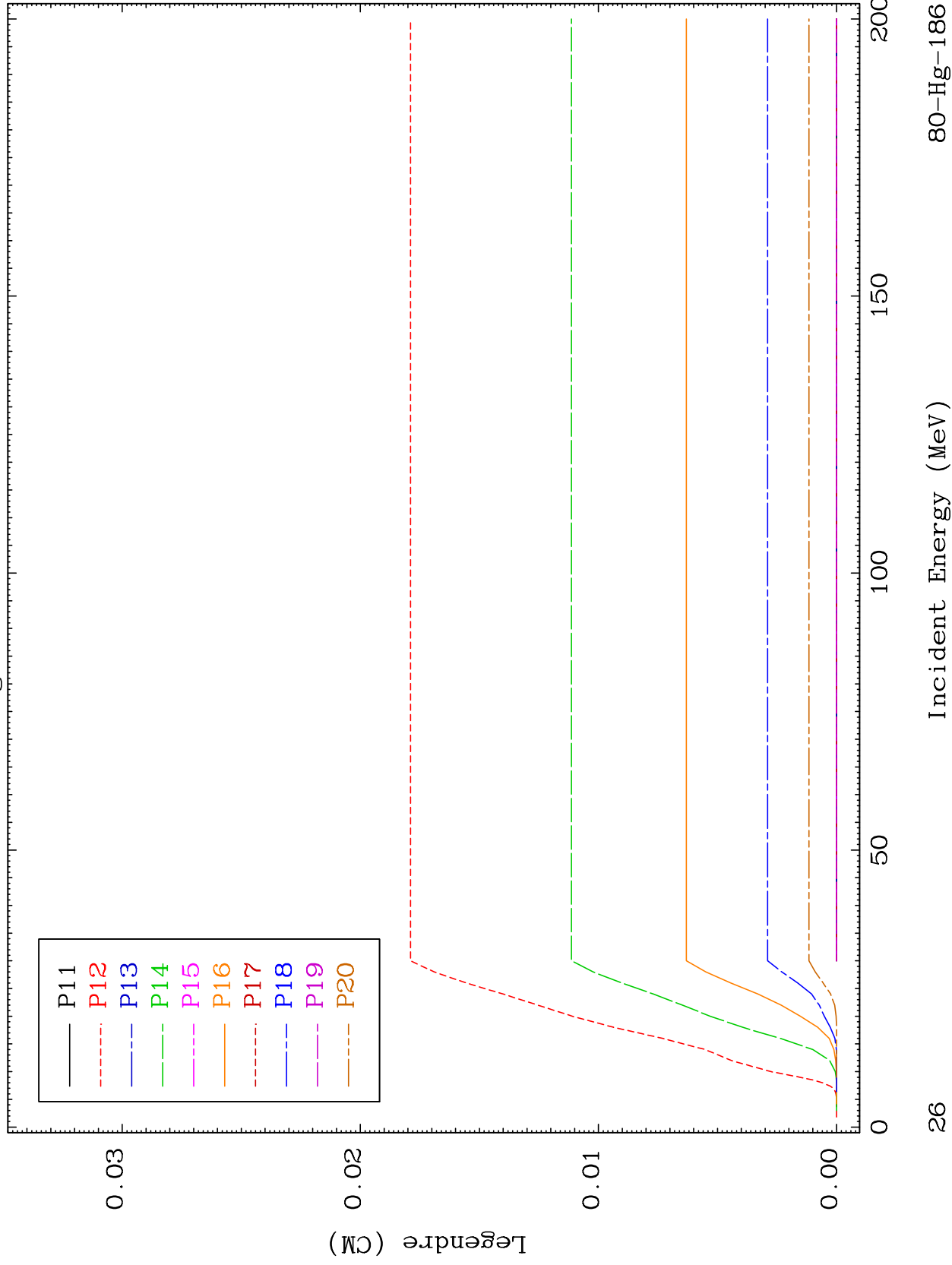
80-Hg-186



MAT 7995

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

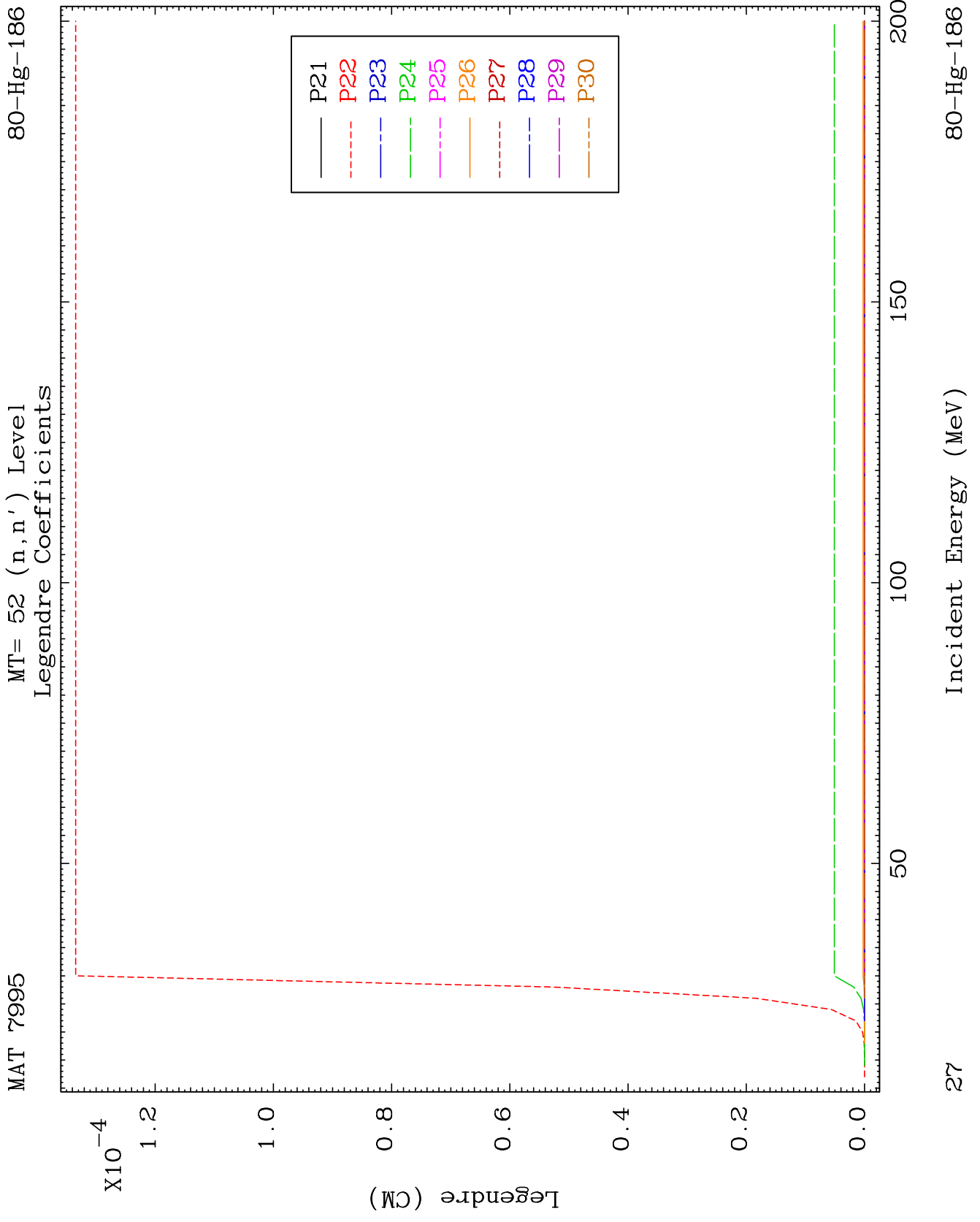
80-Hg-186



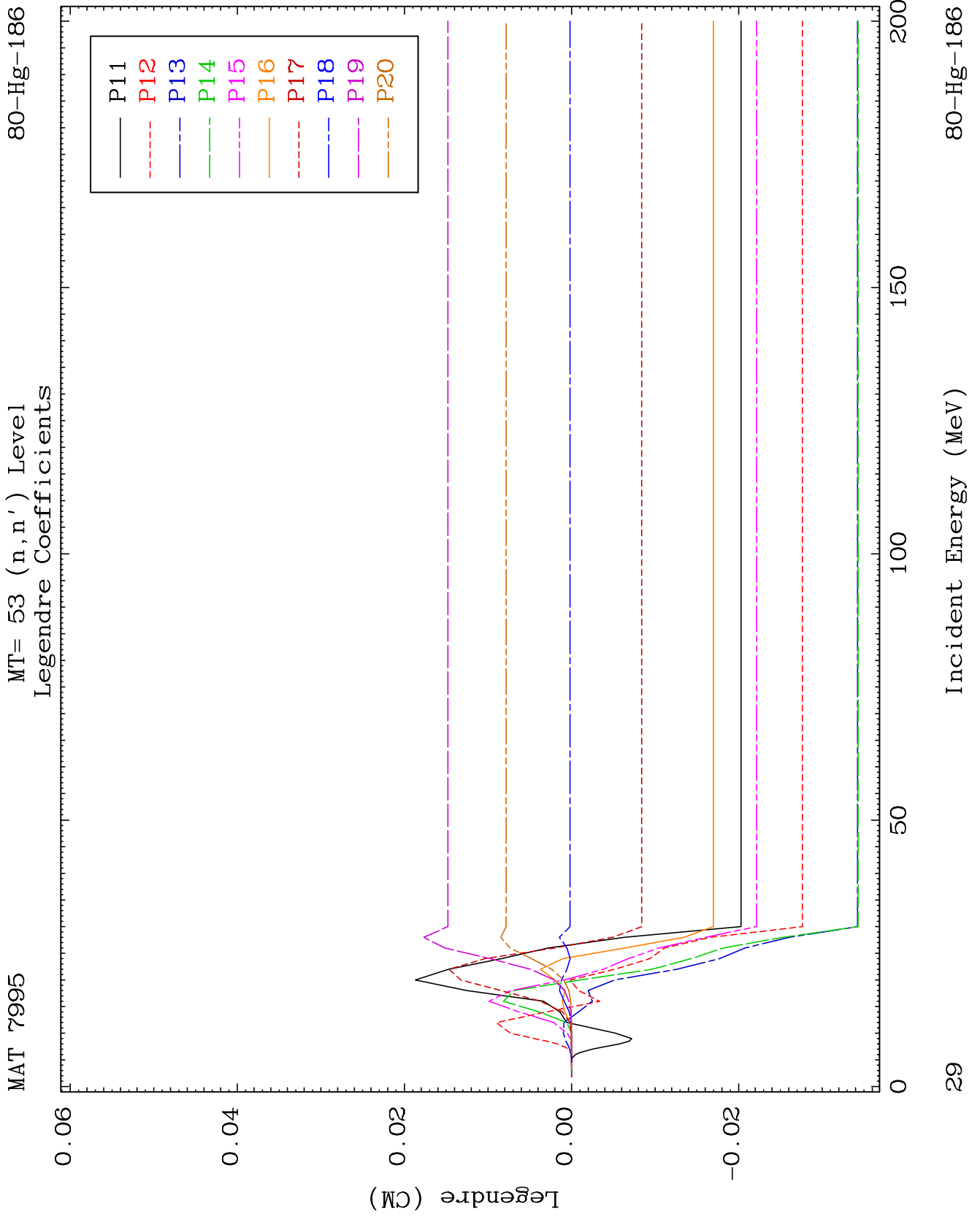
80-Hg-186

Incident Energy (MeV)

26



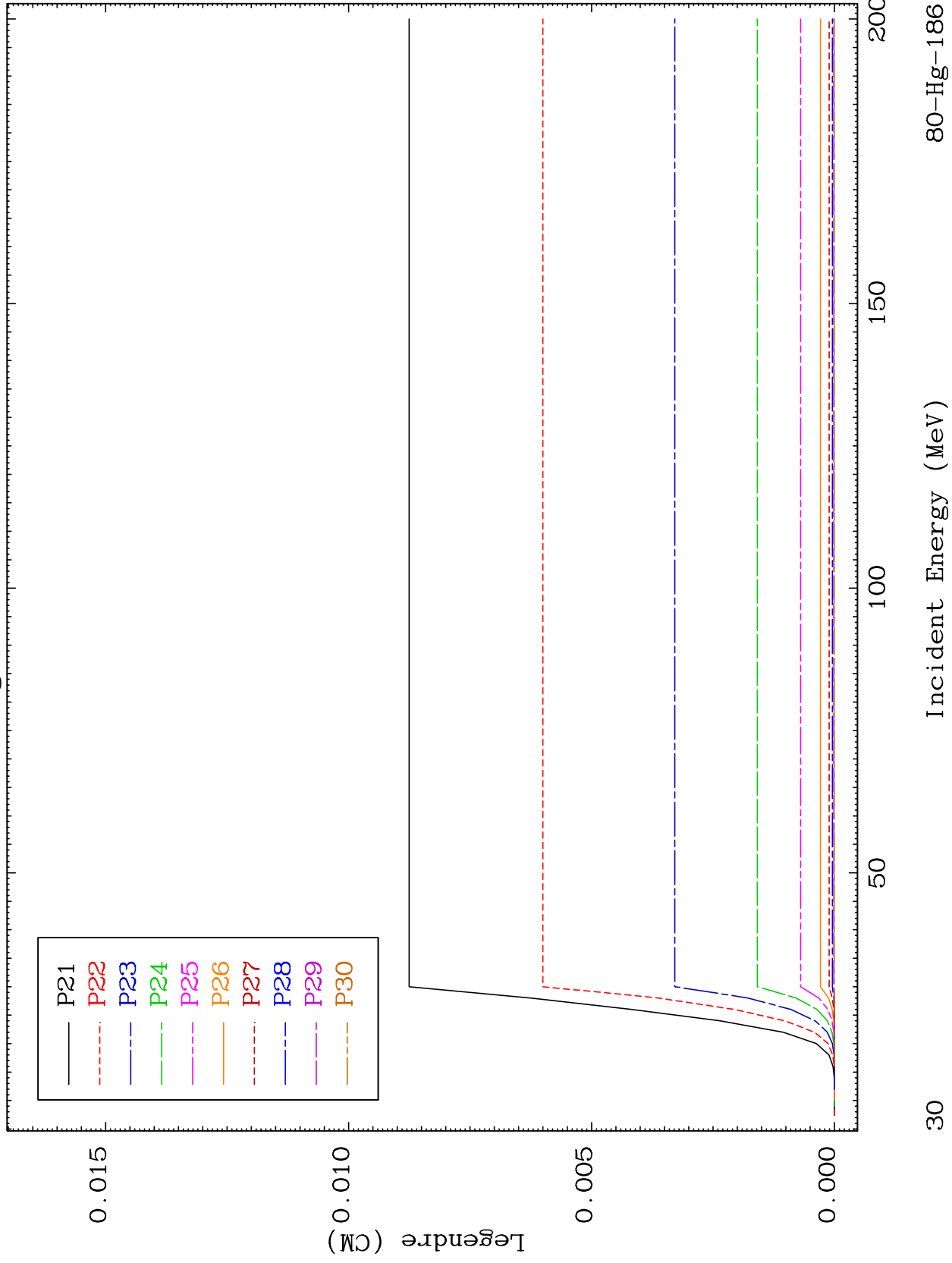




MAT 7995

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

80-Hg-186



30

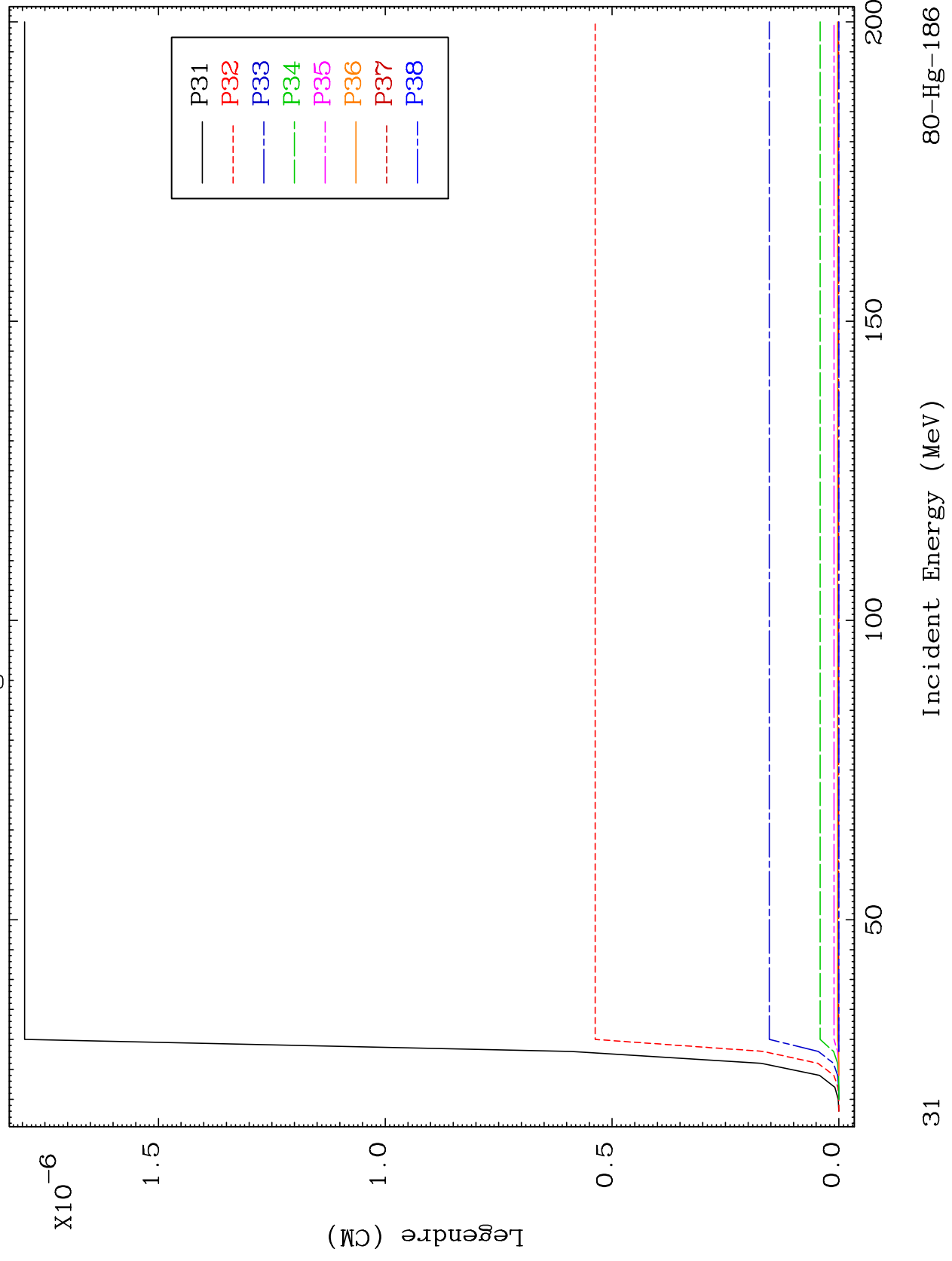
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



31

Incident Energy (MeV)

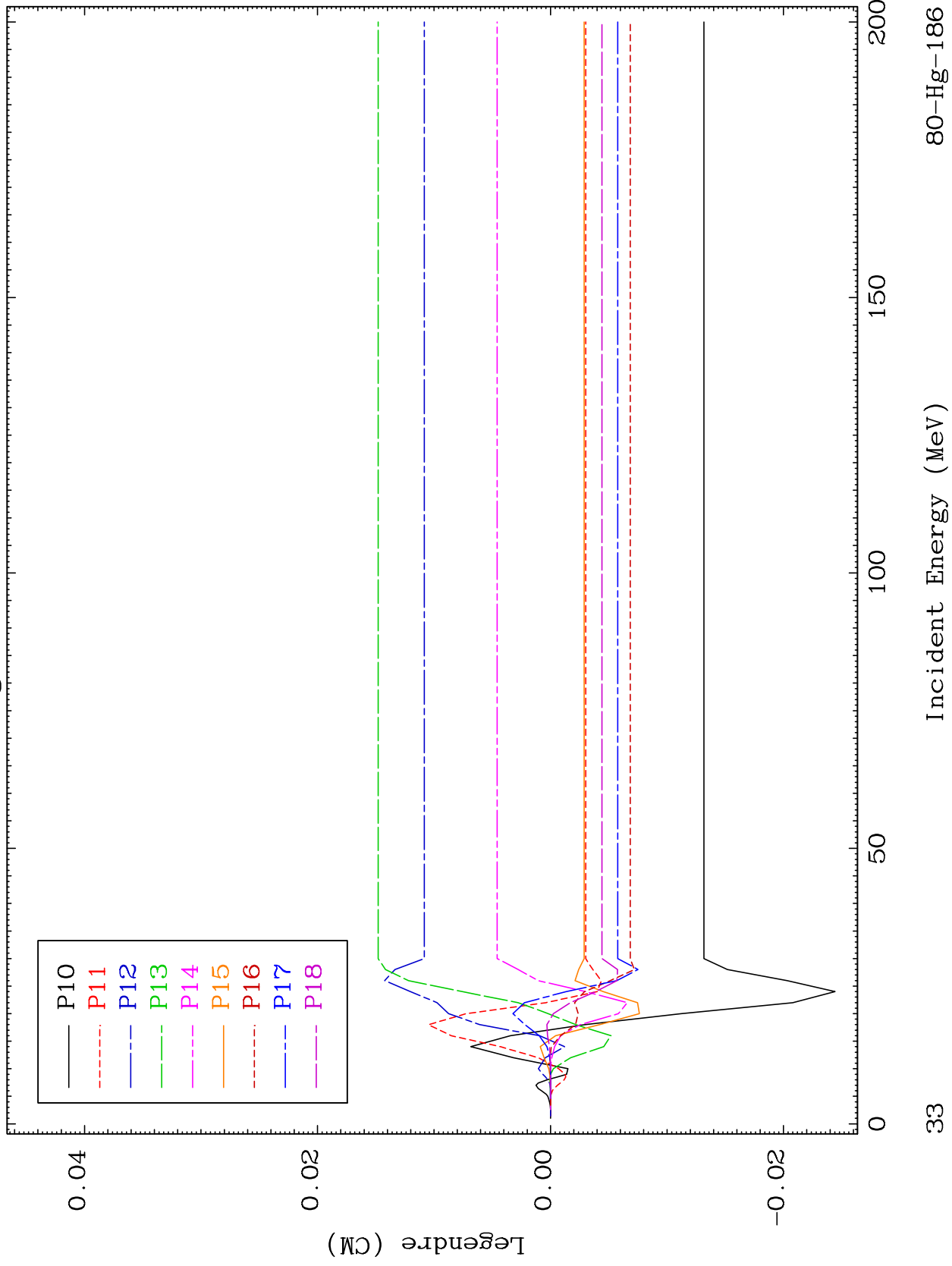
80-Hg-186



MAT 7995

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

80-Hg-186



33

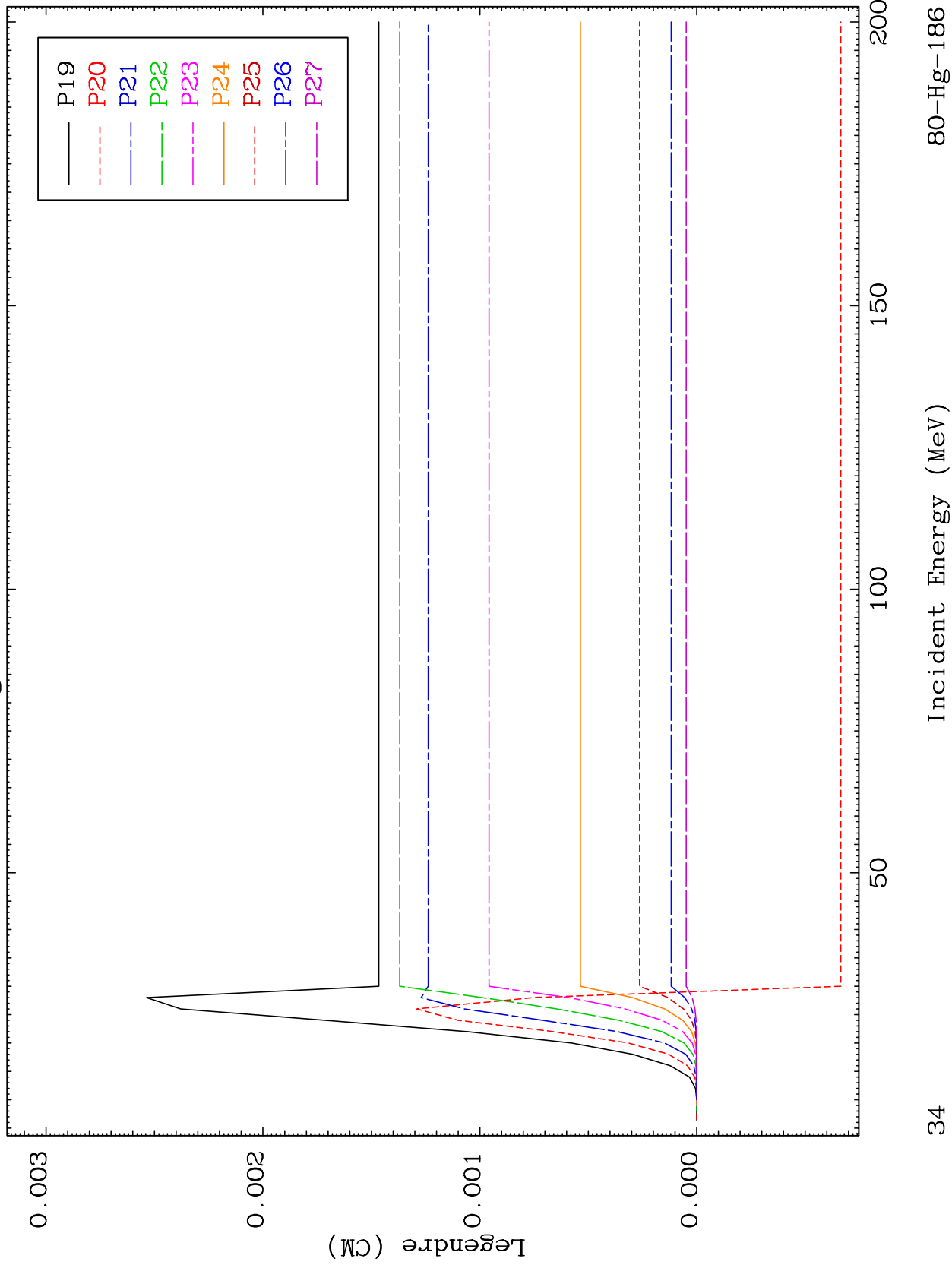
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



34

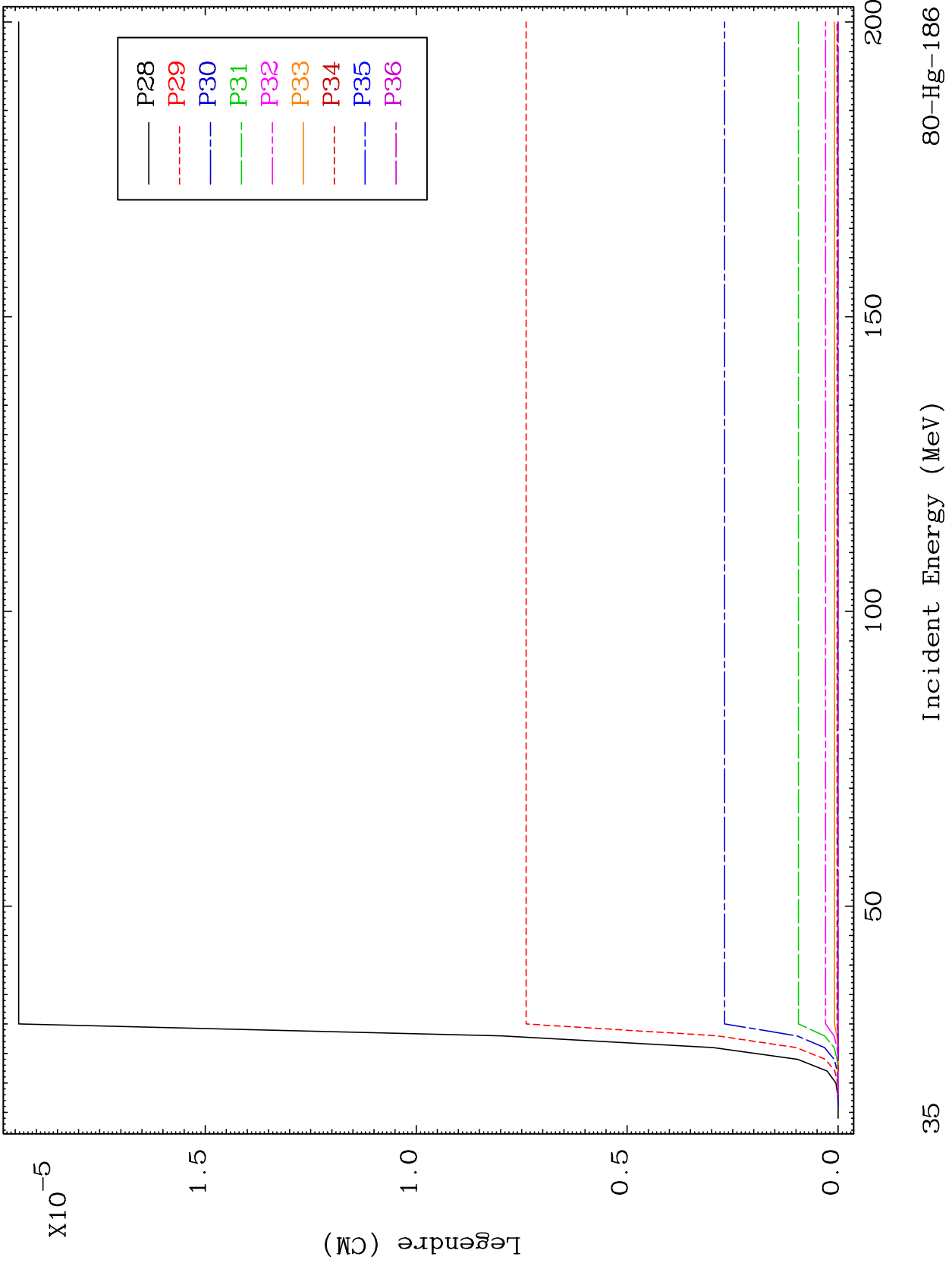
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

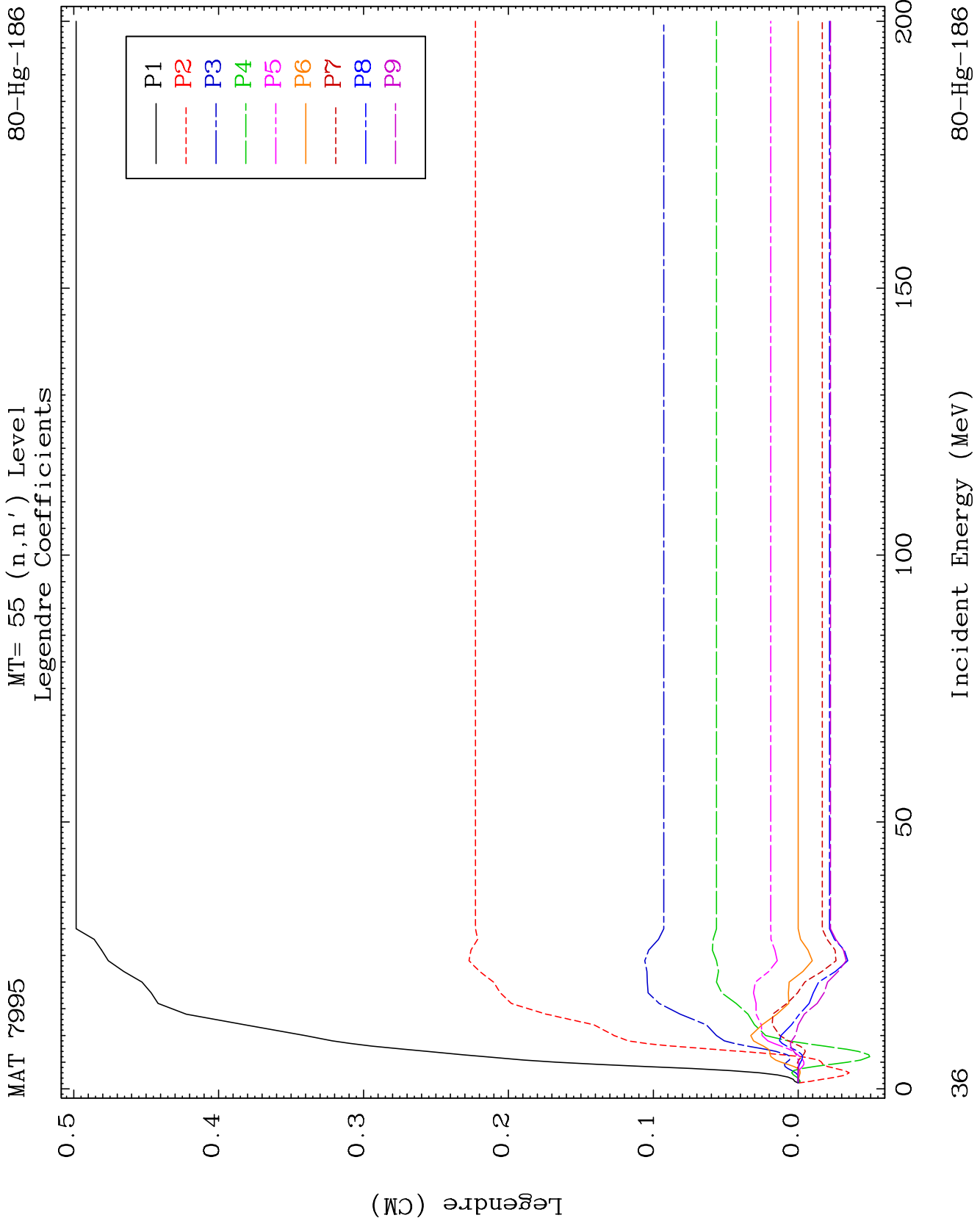
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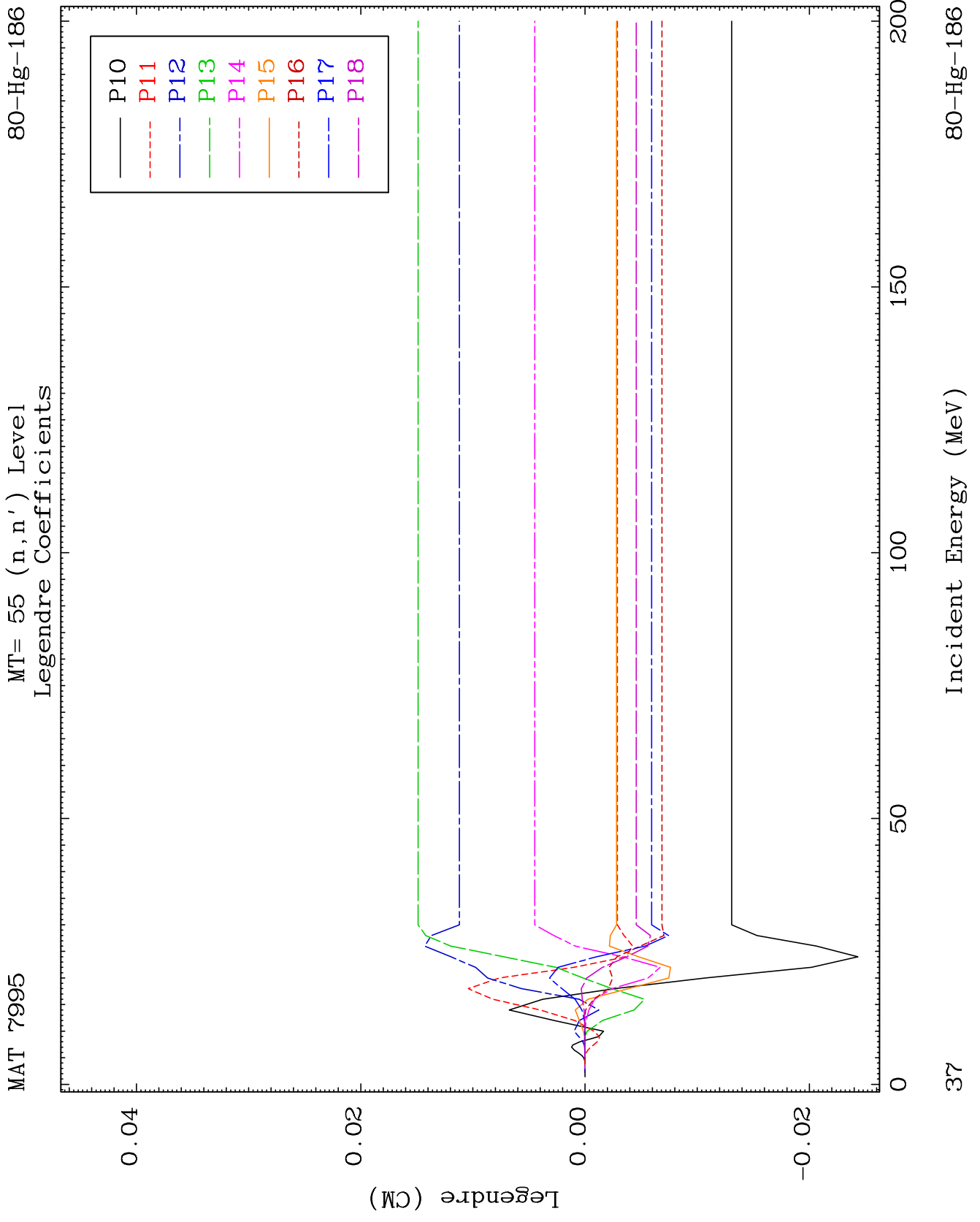


35

Incident Energy (MeV)

80-Hg-186

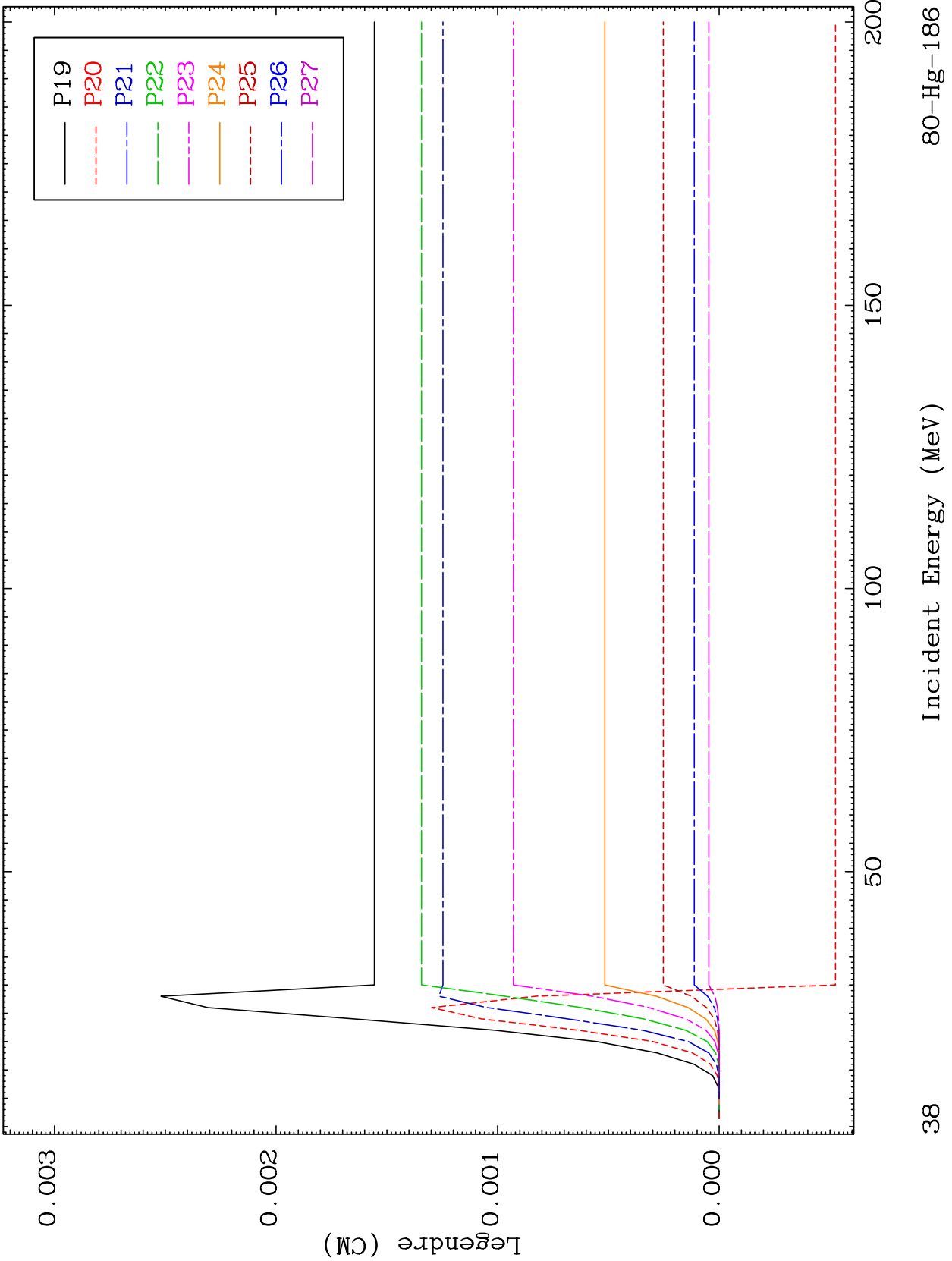




MAT 7995

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

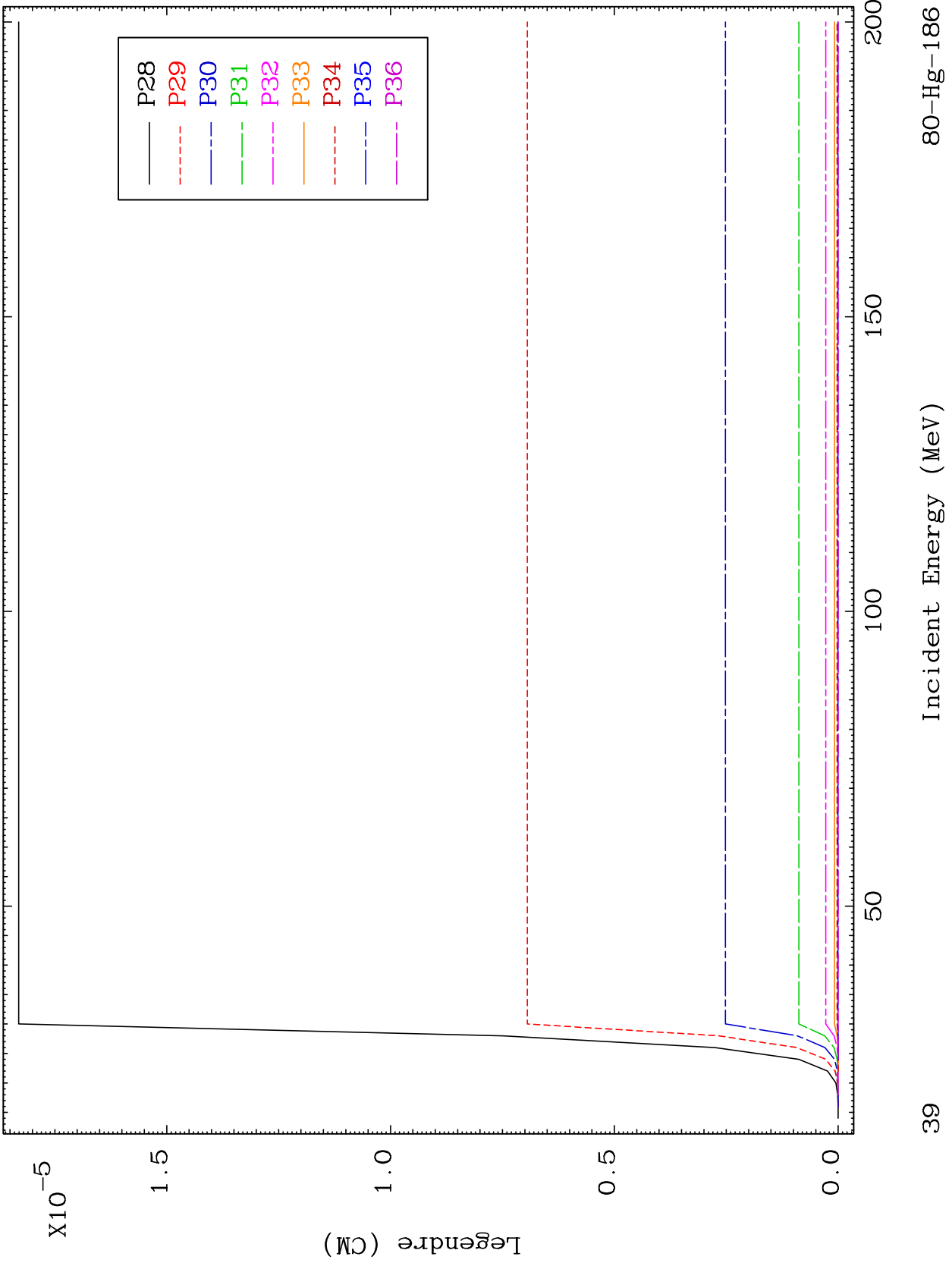
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MAT 7995

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

80-Hg-186



39

Incident Energy (MeV)

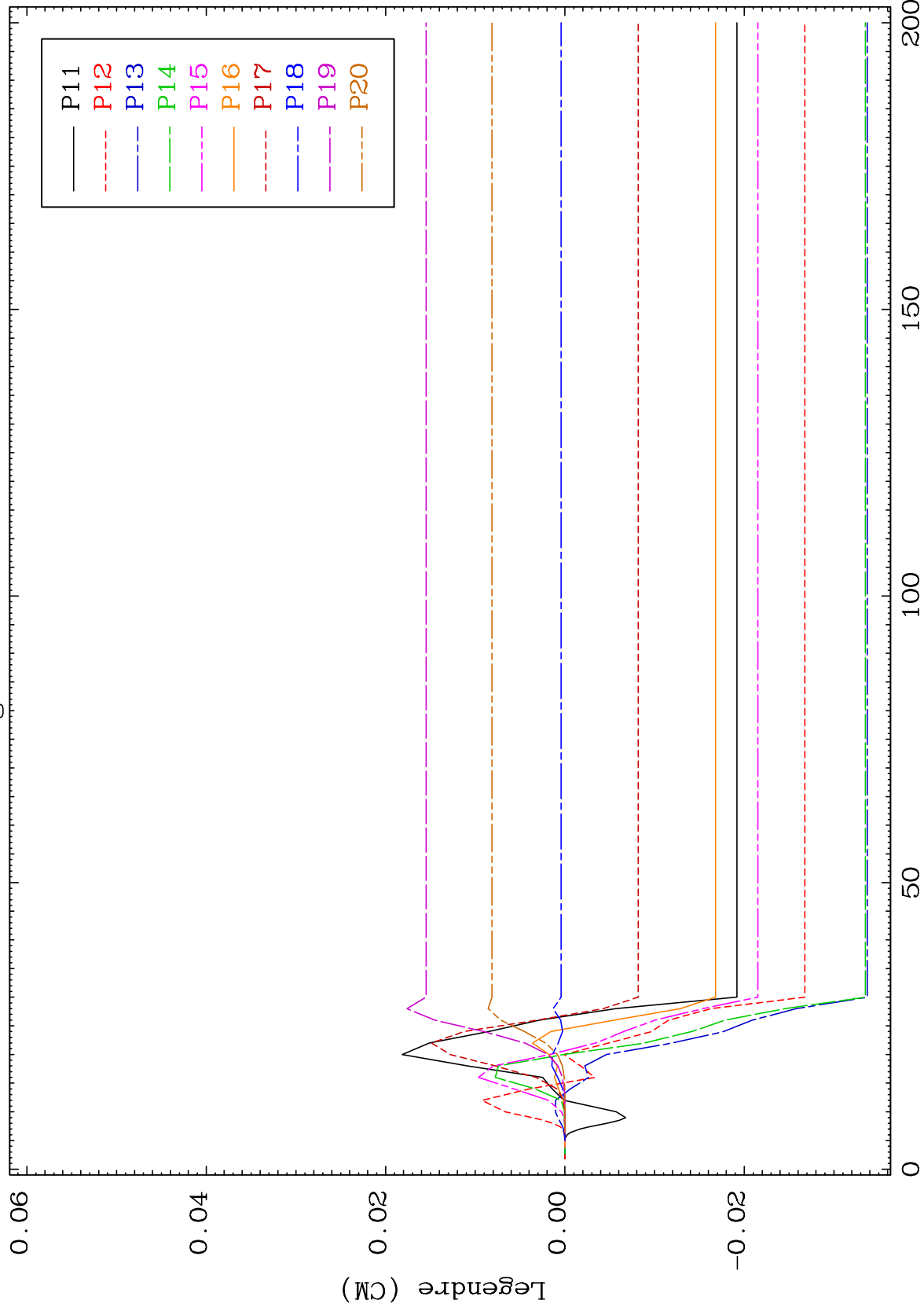
80-Hg-186



MAT 7995

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

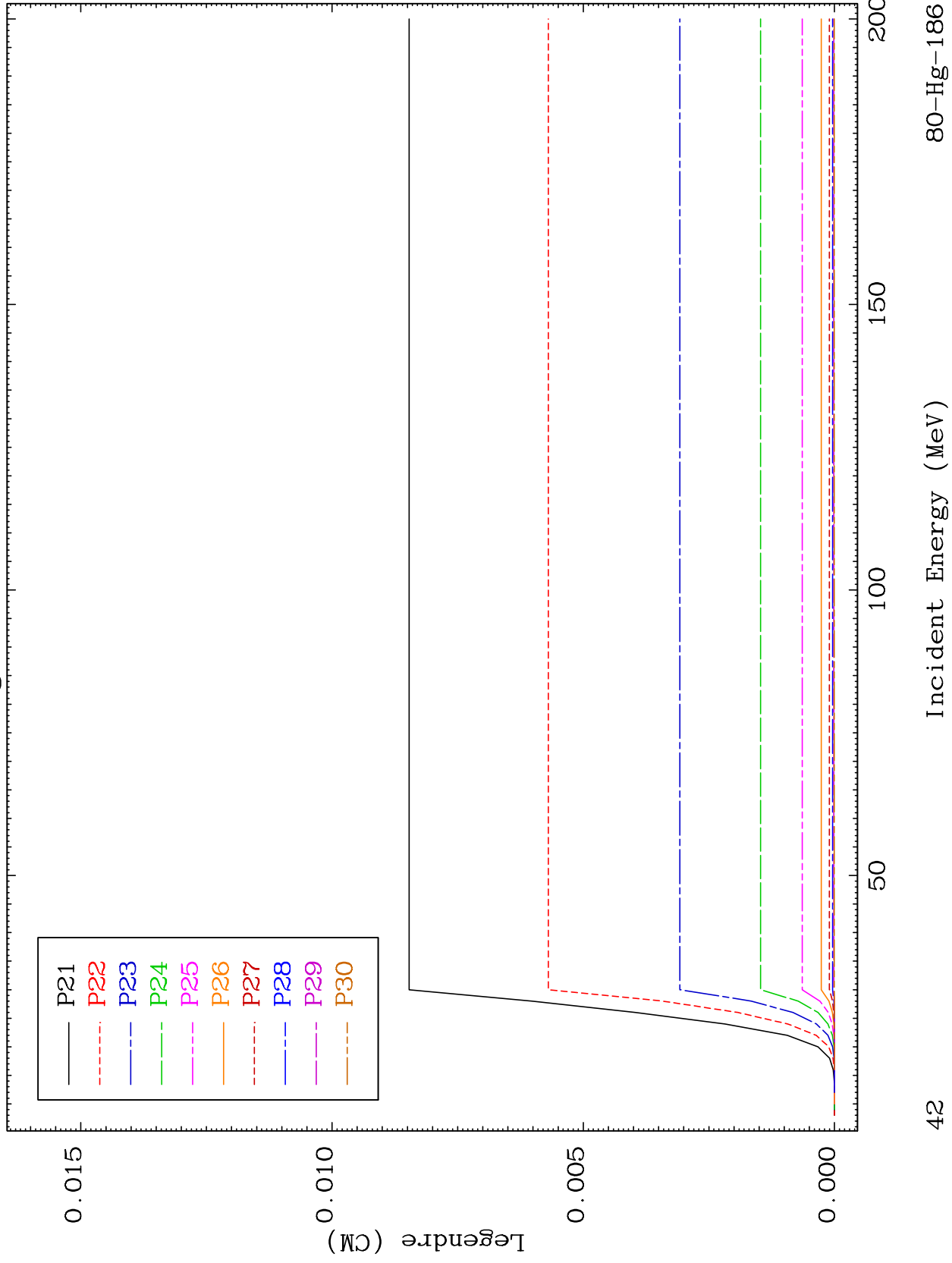
80-Hg-186



MAT 7995

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

80-Hg-186



42

Incident Energy (MeV)

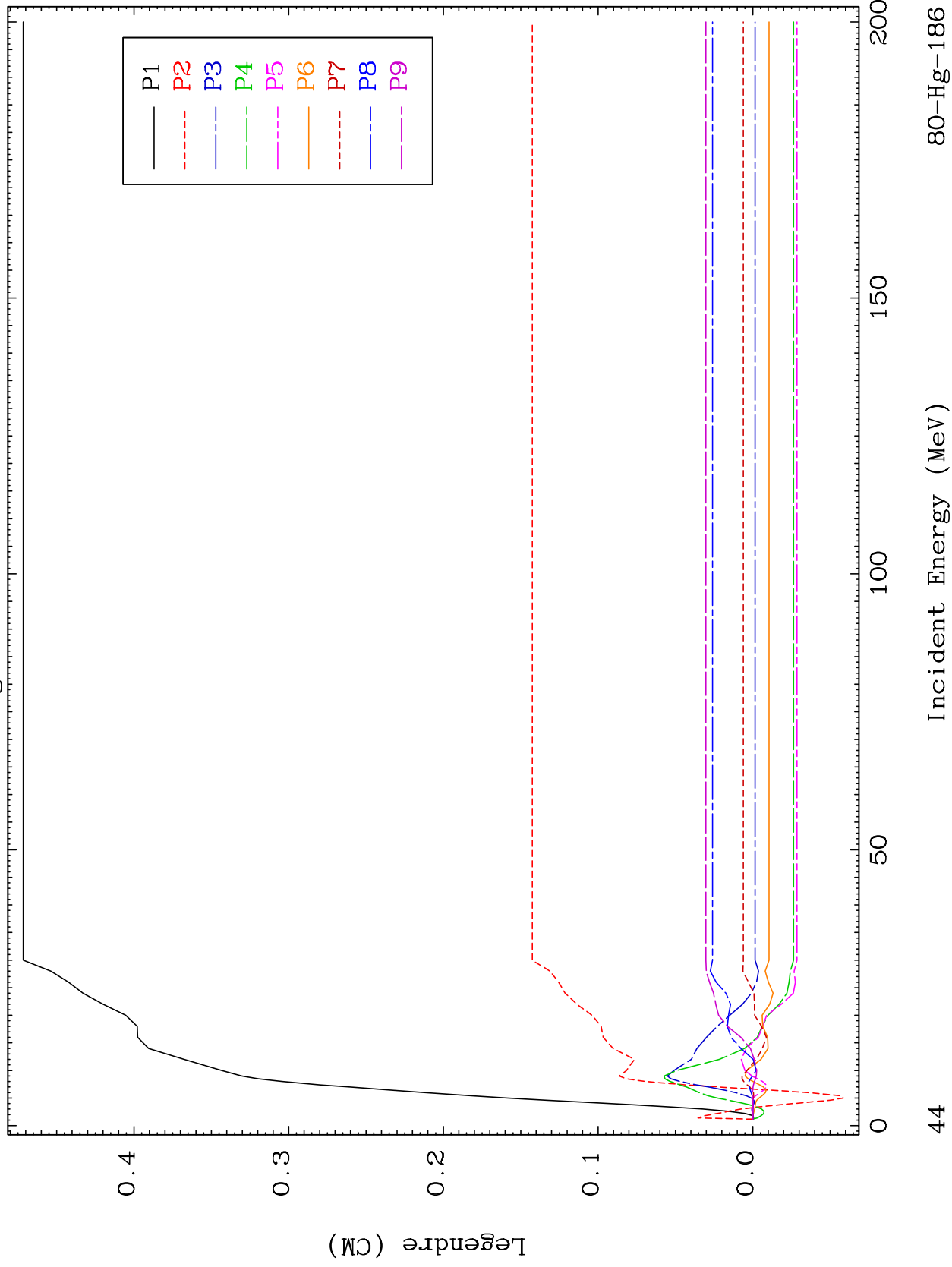
80-Hg-186



MAT 7995

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

80-Hg-186



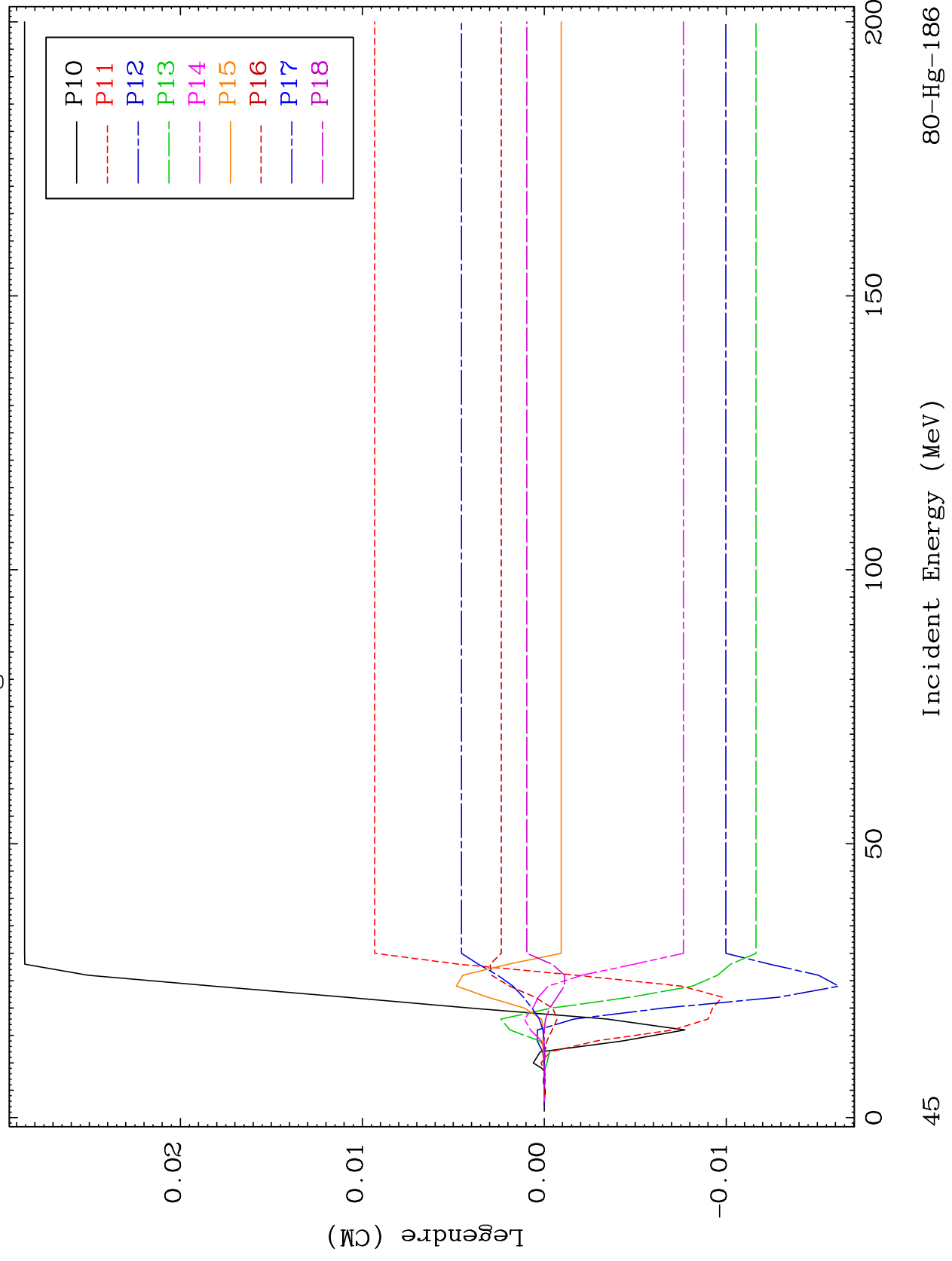
44

80-Hg-186

MAT 7995

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

80-Hg-186



80-Hg-186

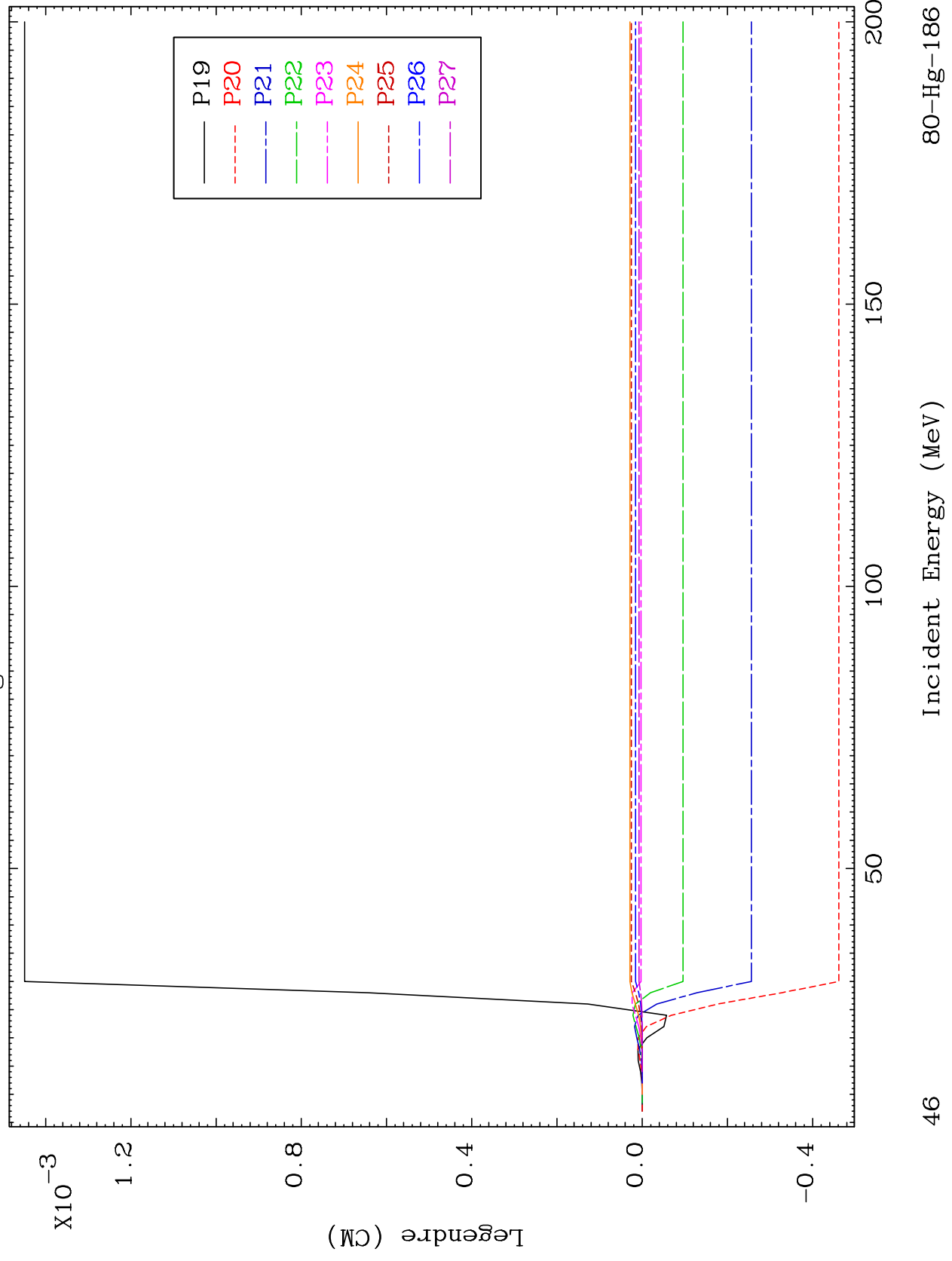
Incident Energy (MeV)

45

MAT 7995

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

80-Hg-186



46

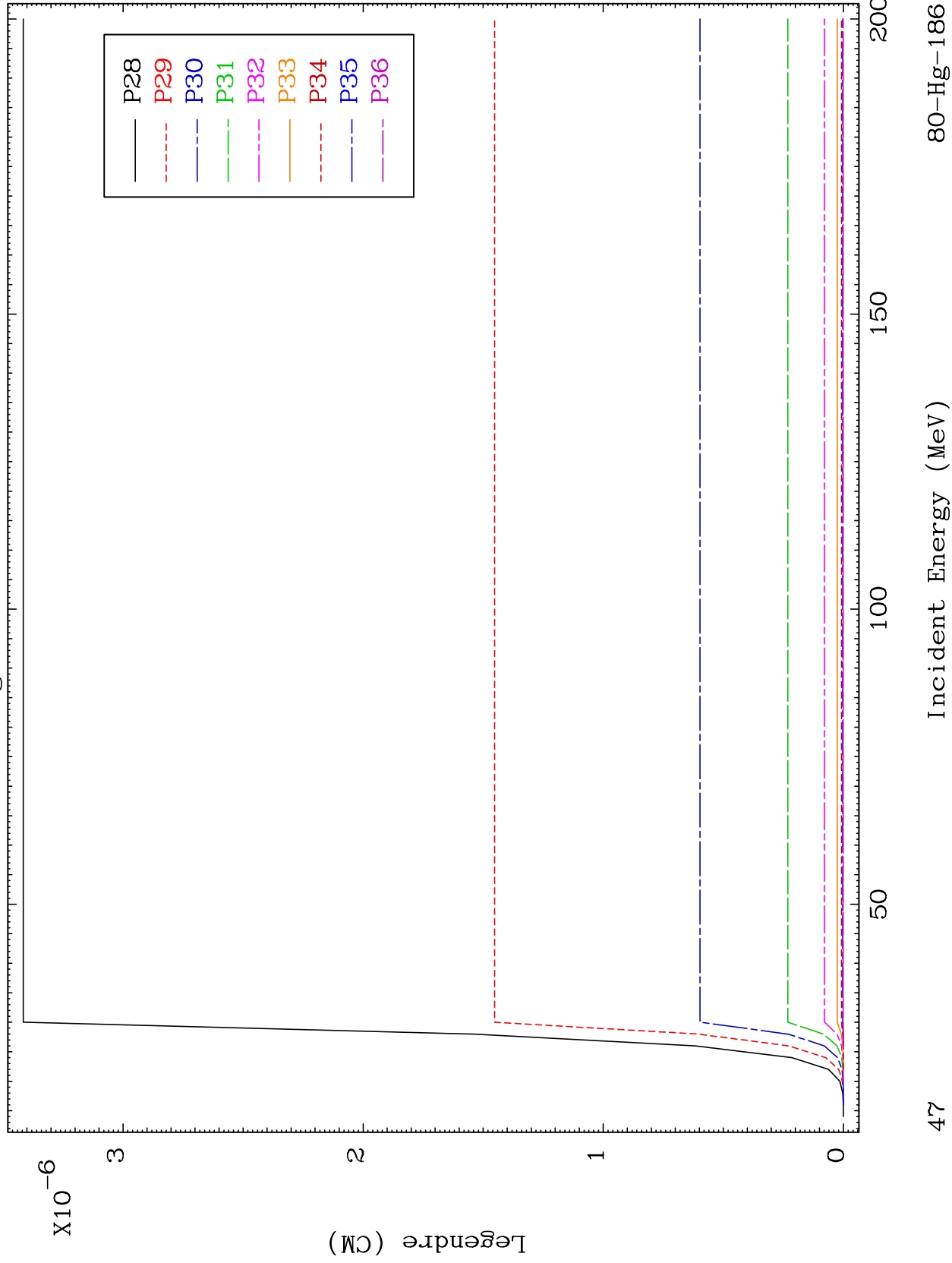
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

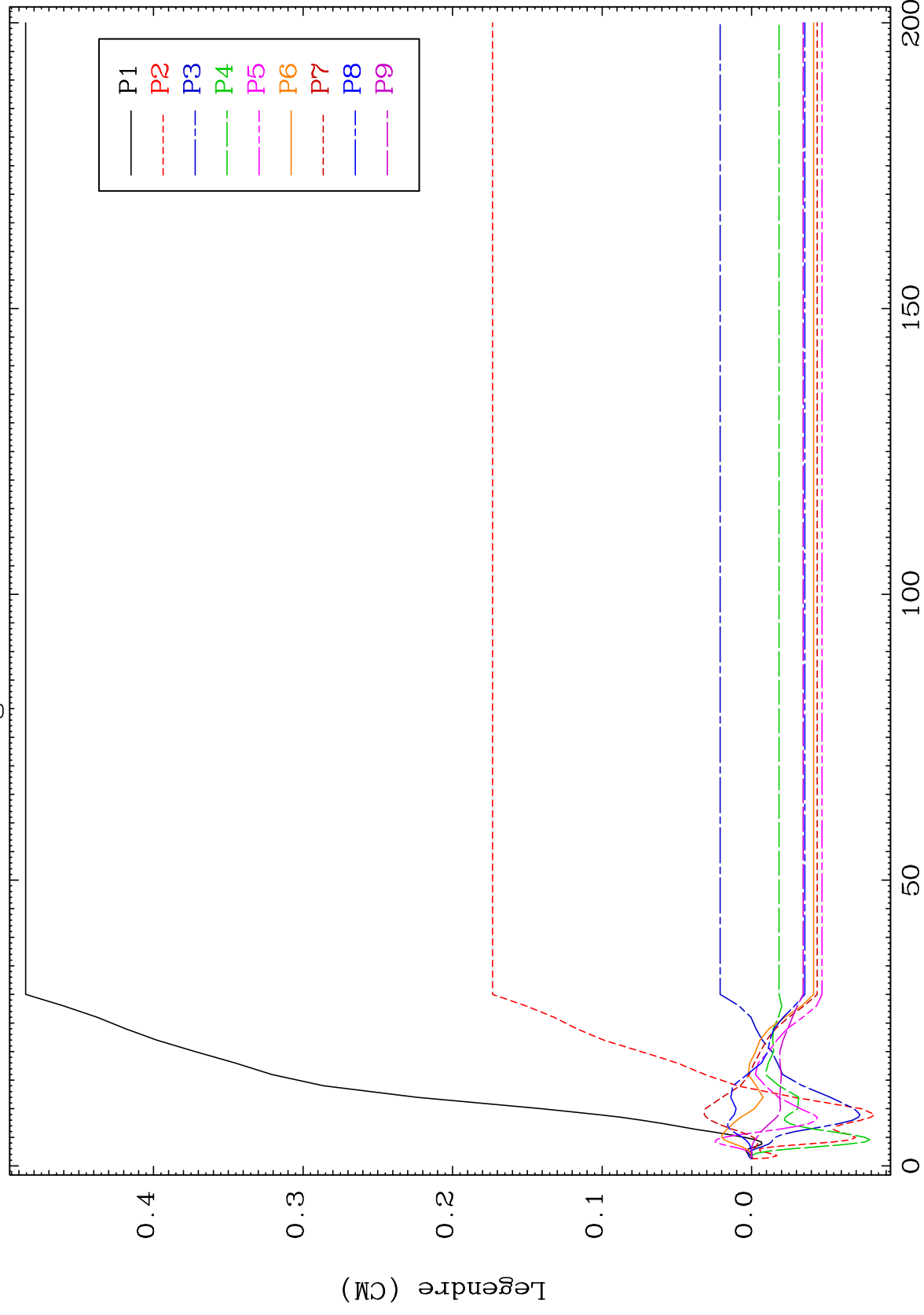
80-Hg-186



MAT 7995

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

80-Hg-186



48

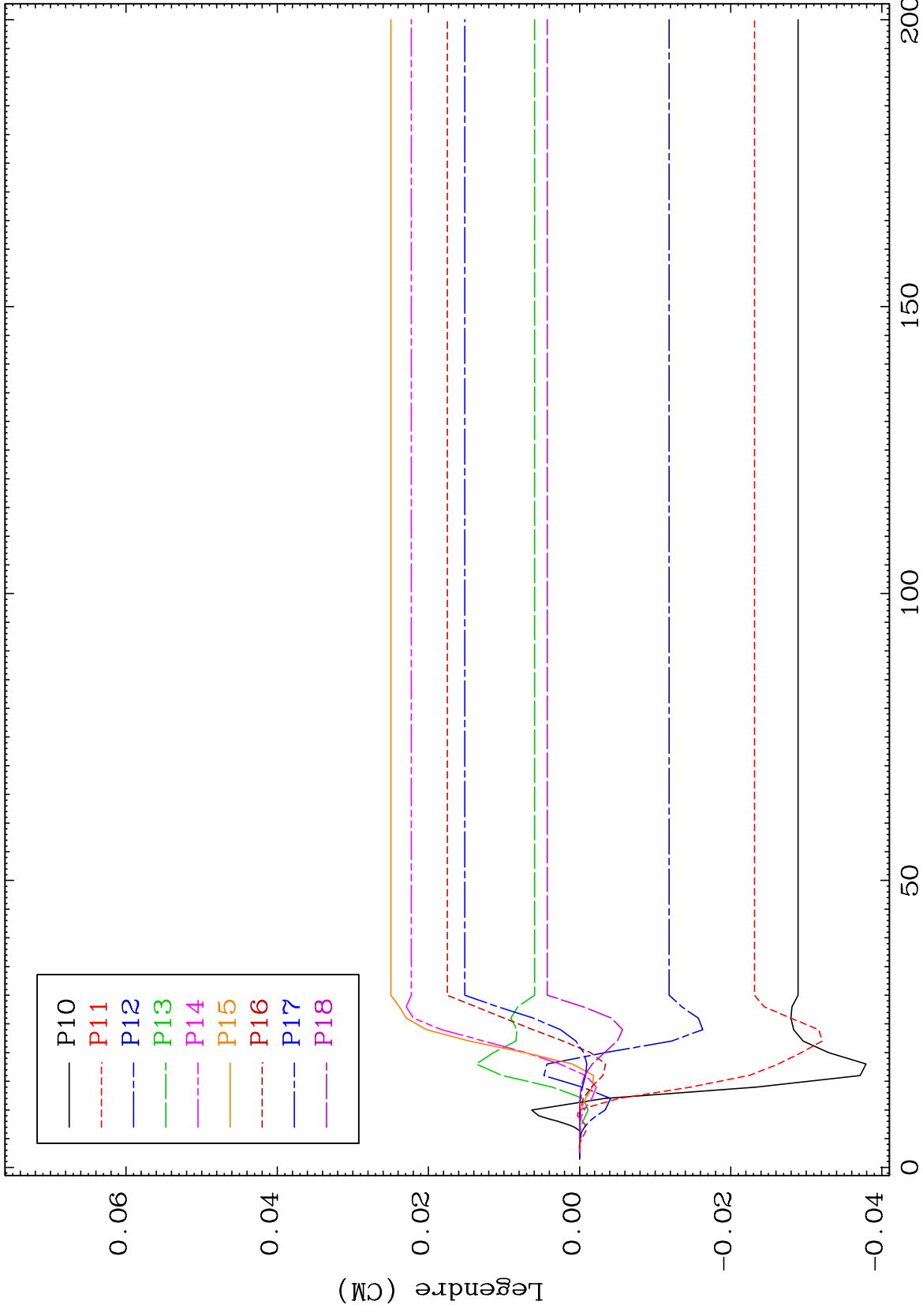
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



49

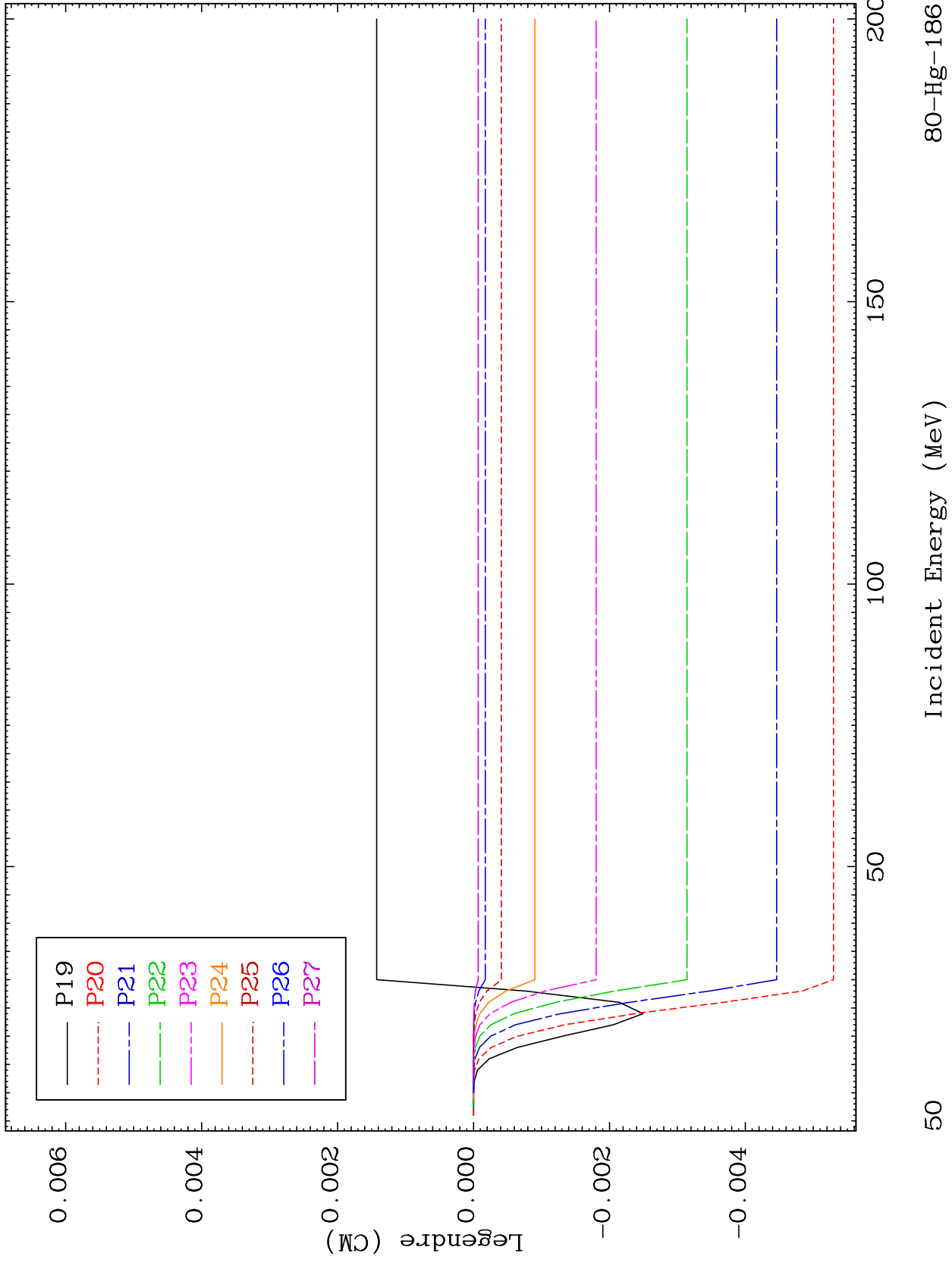
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

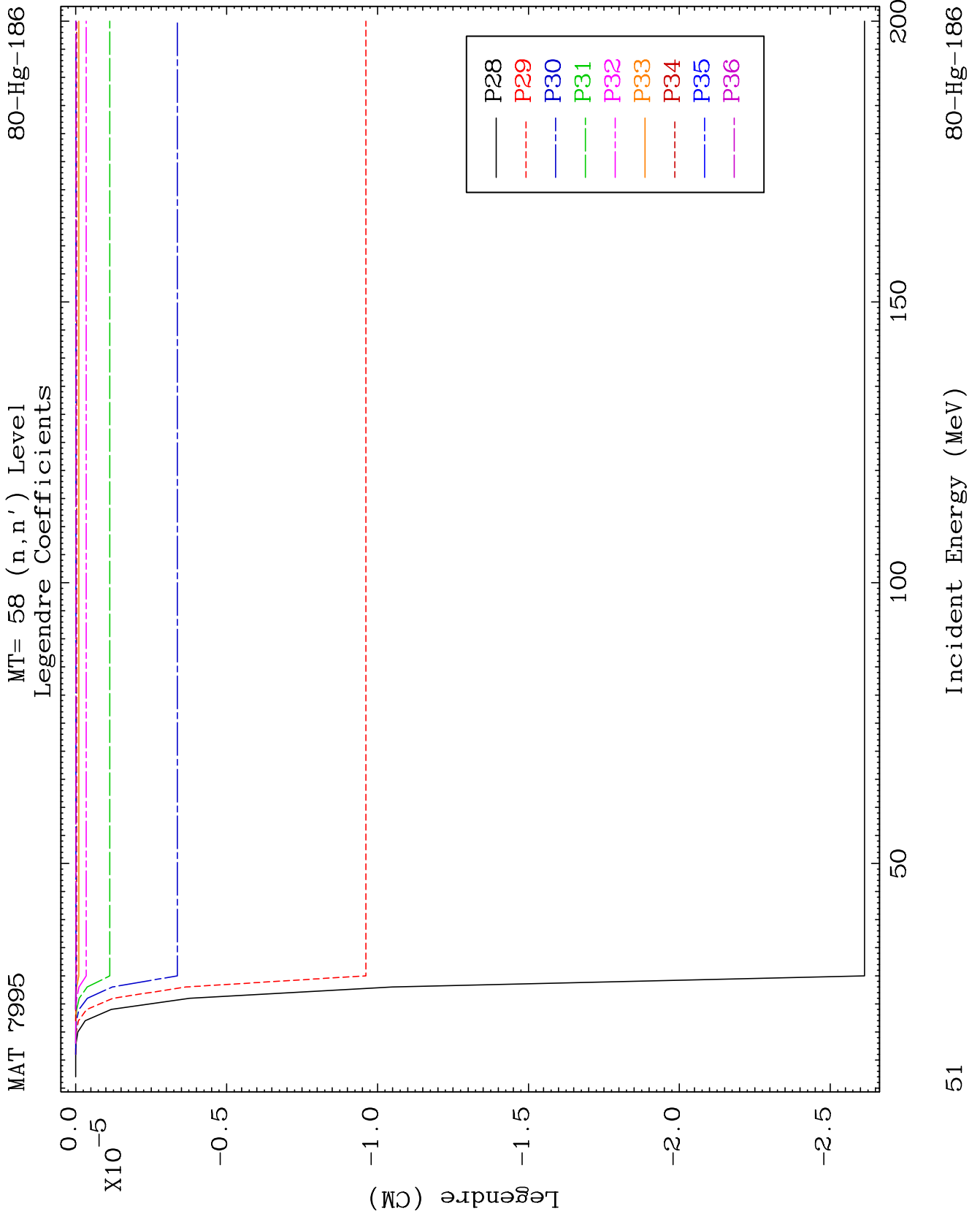
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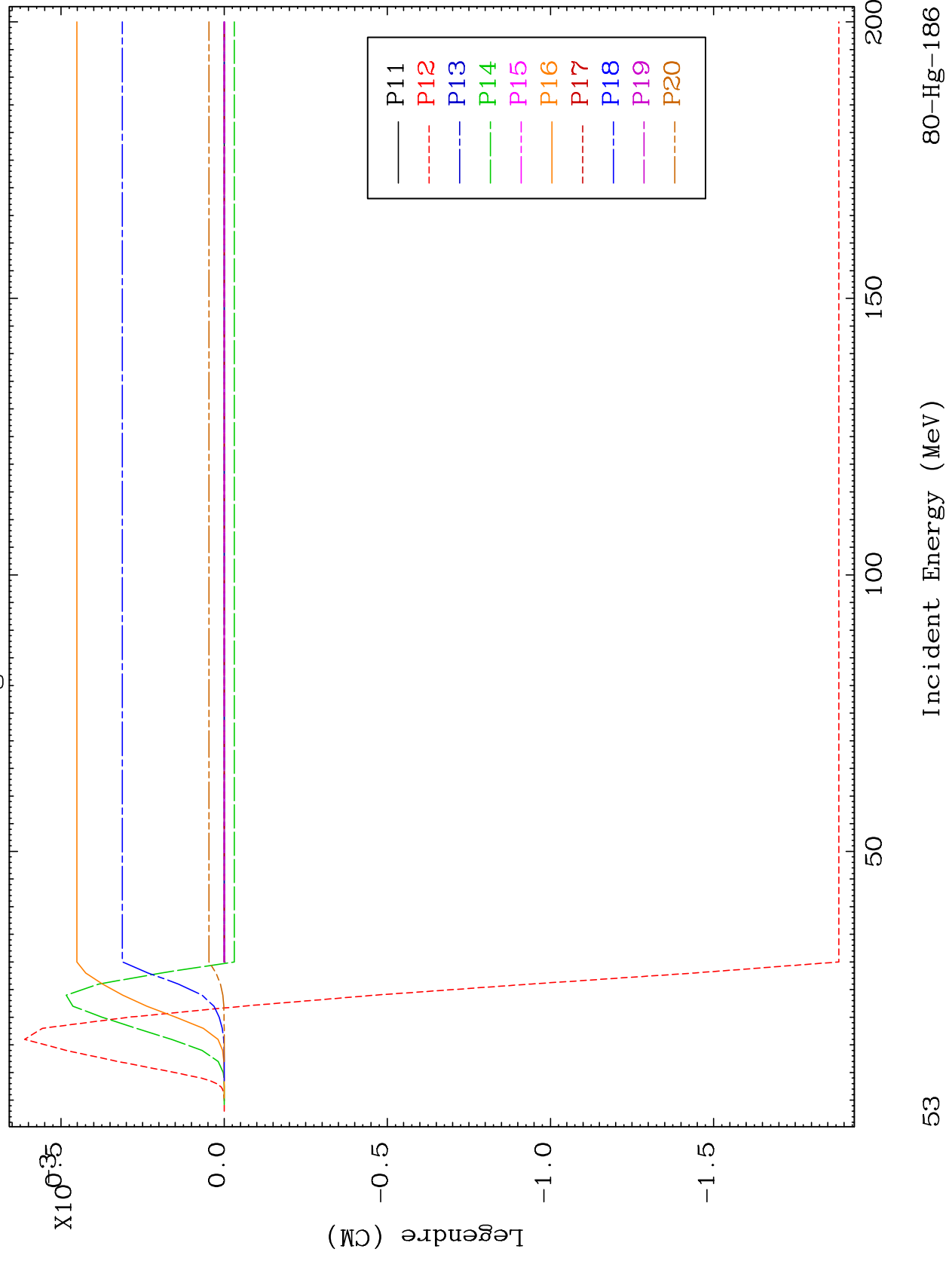
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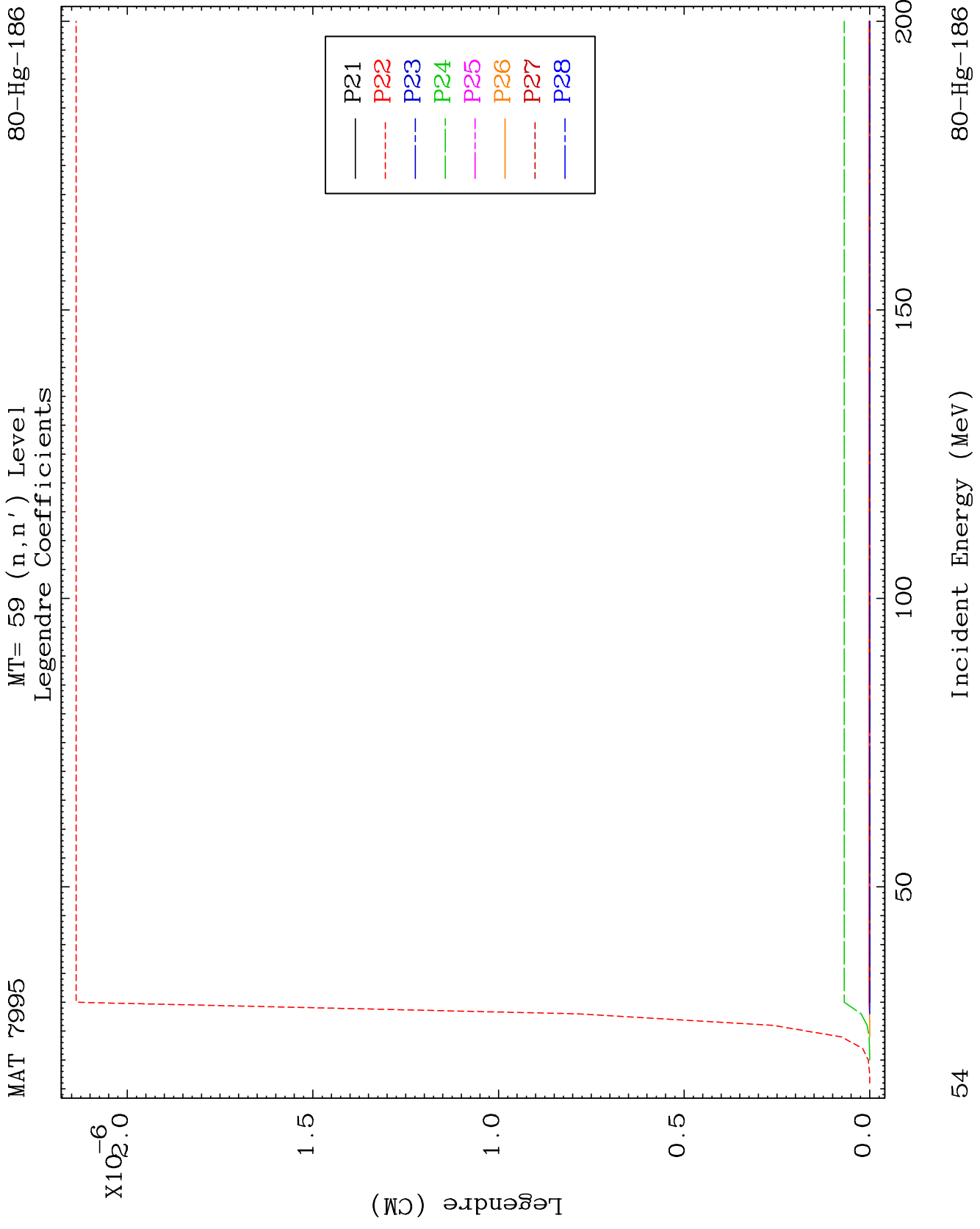
Incident Energy (MeV)

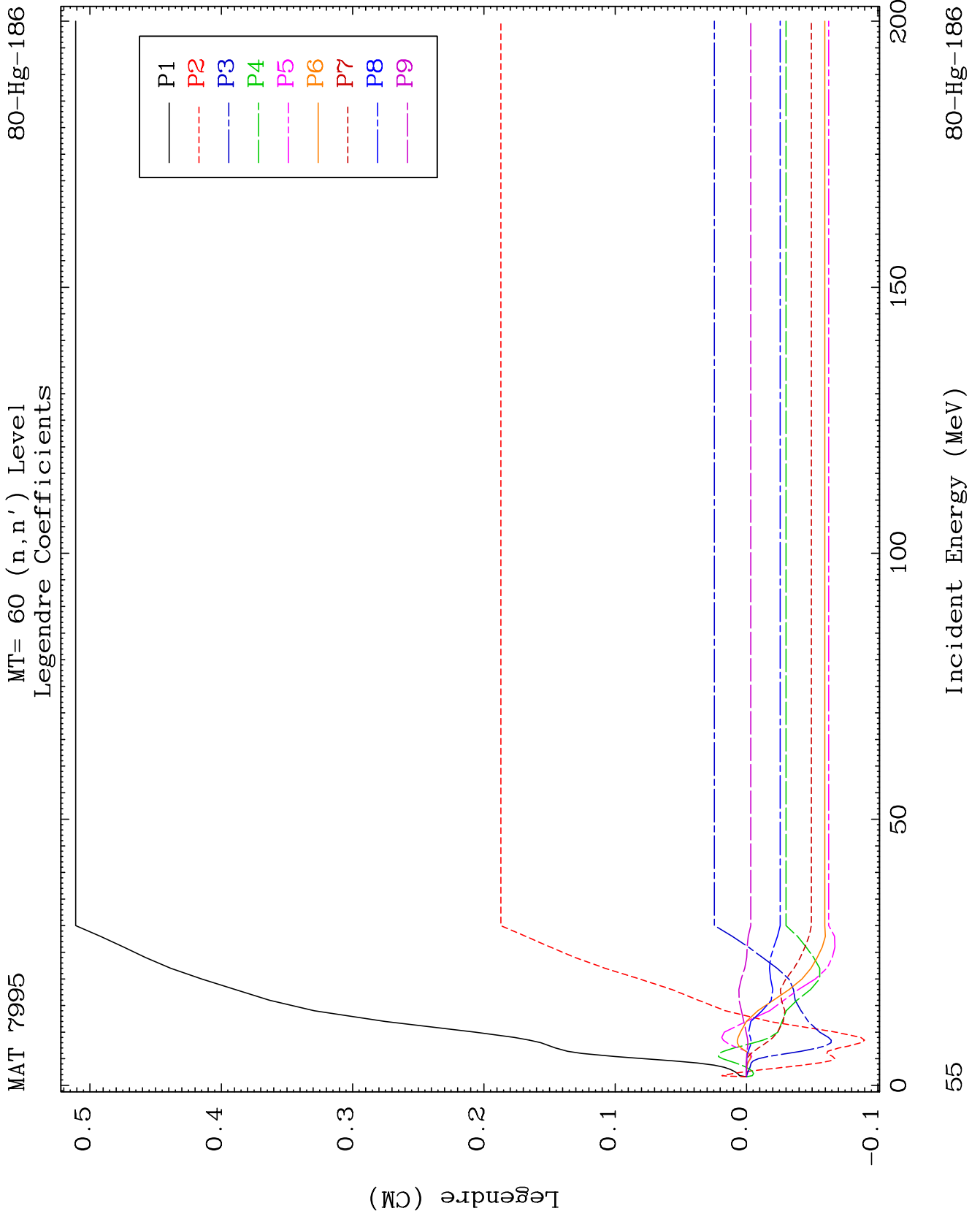
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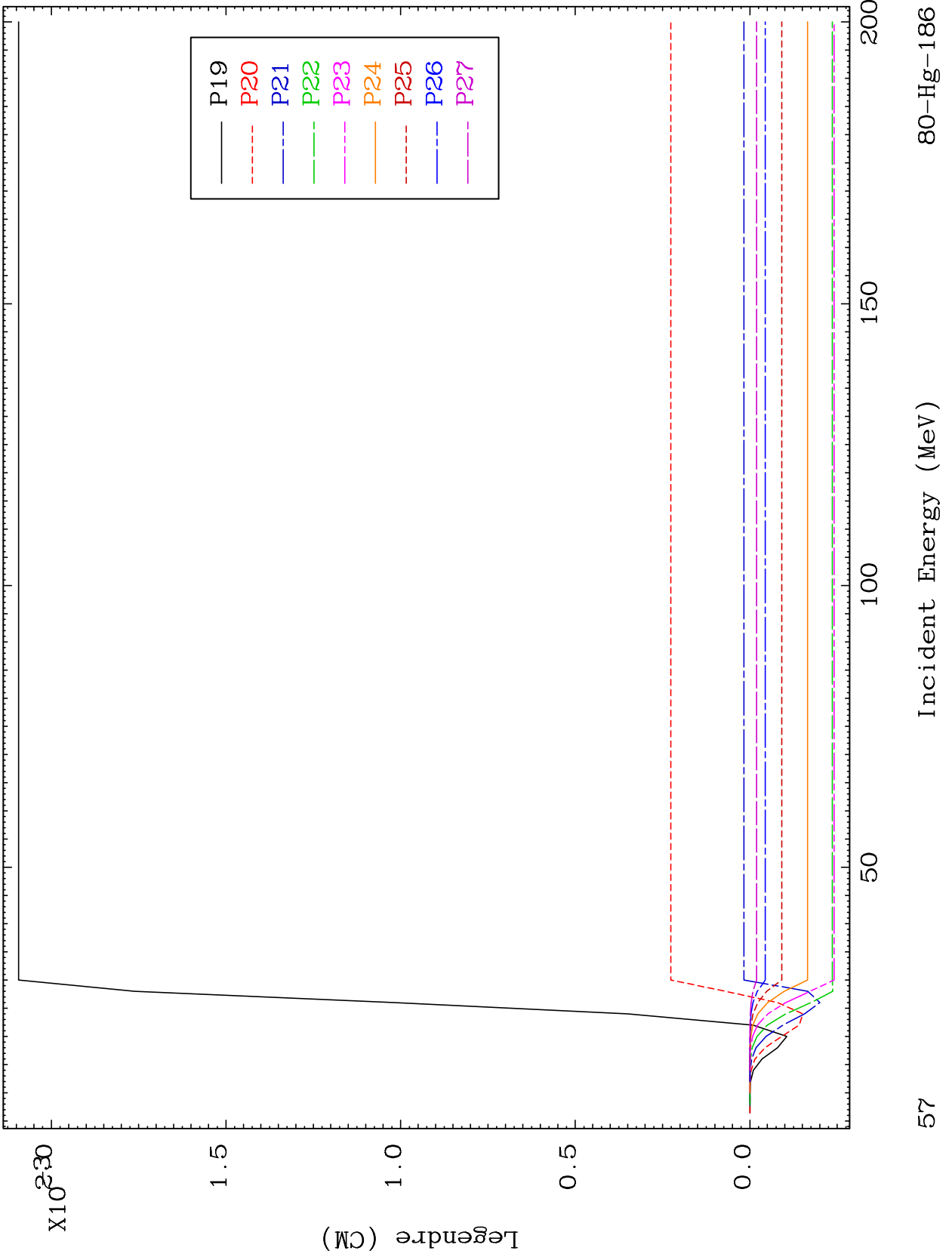


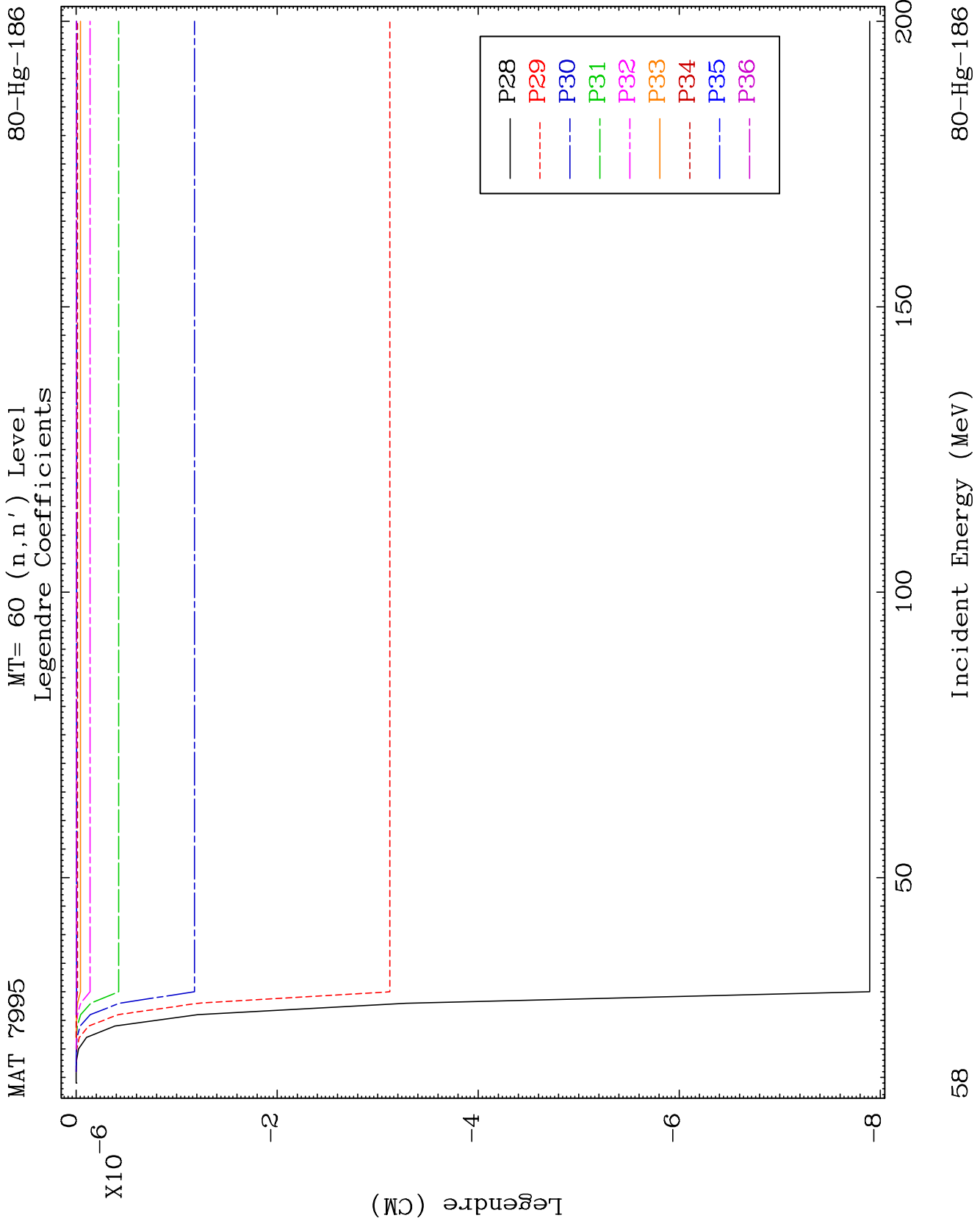


MAT 7995

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

80-Hg-186

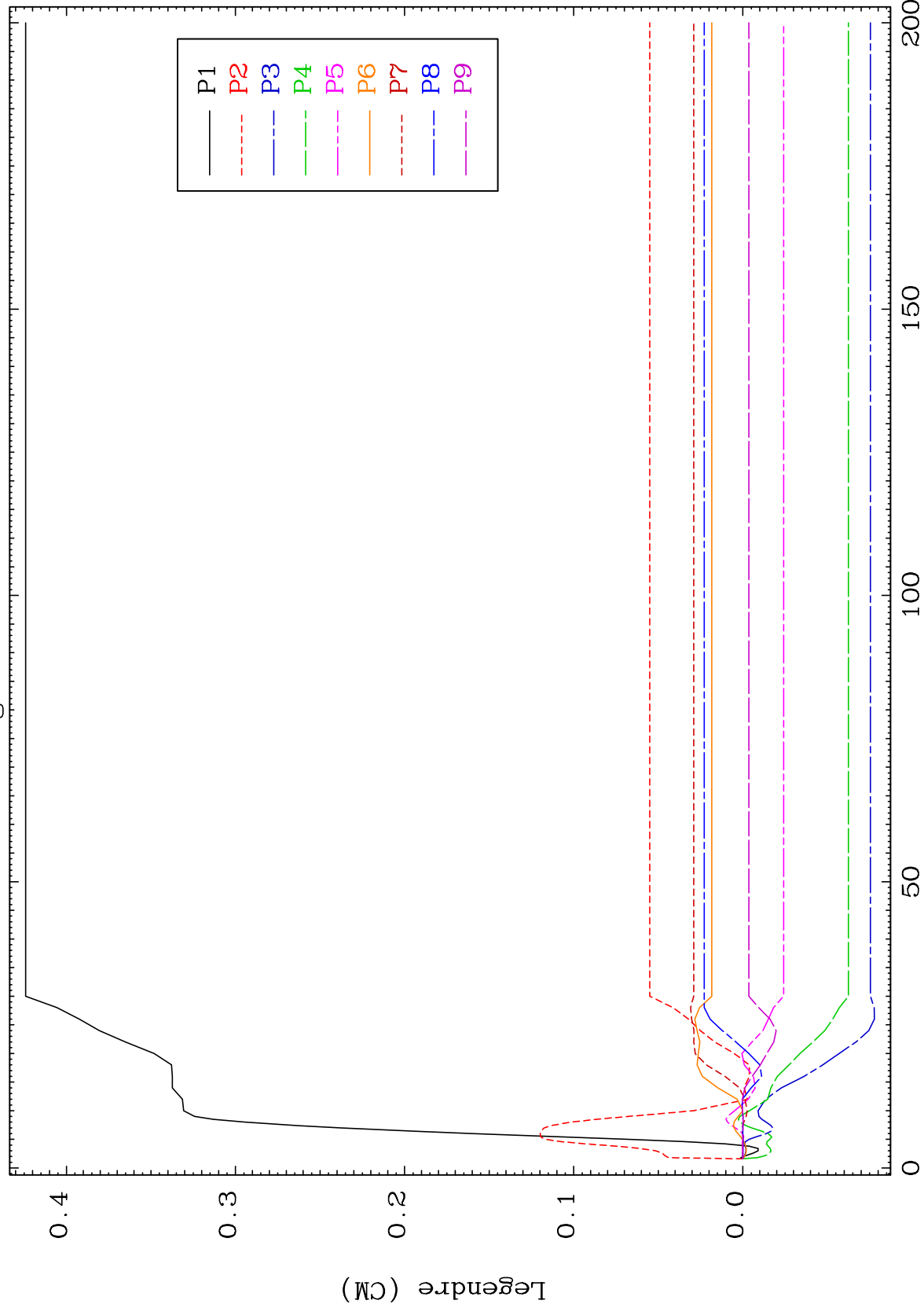




MAT 7995

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

80-Hg-186



59

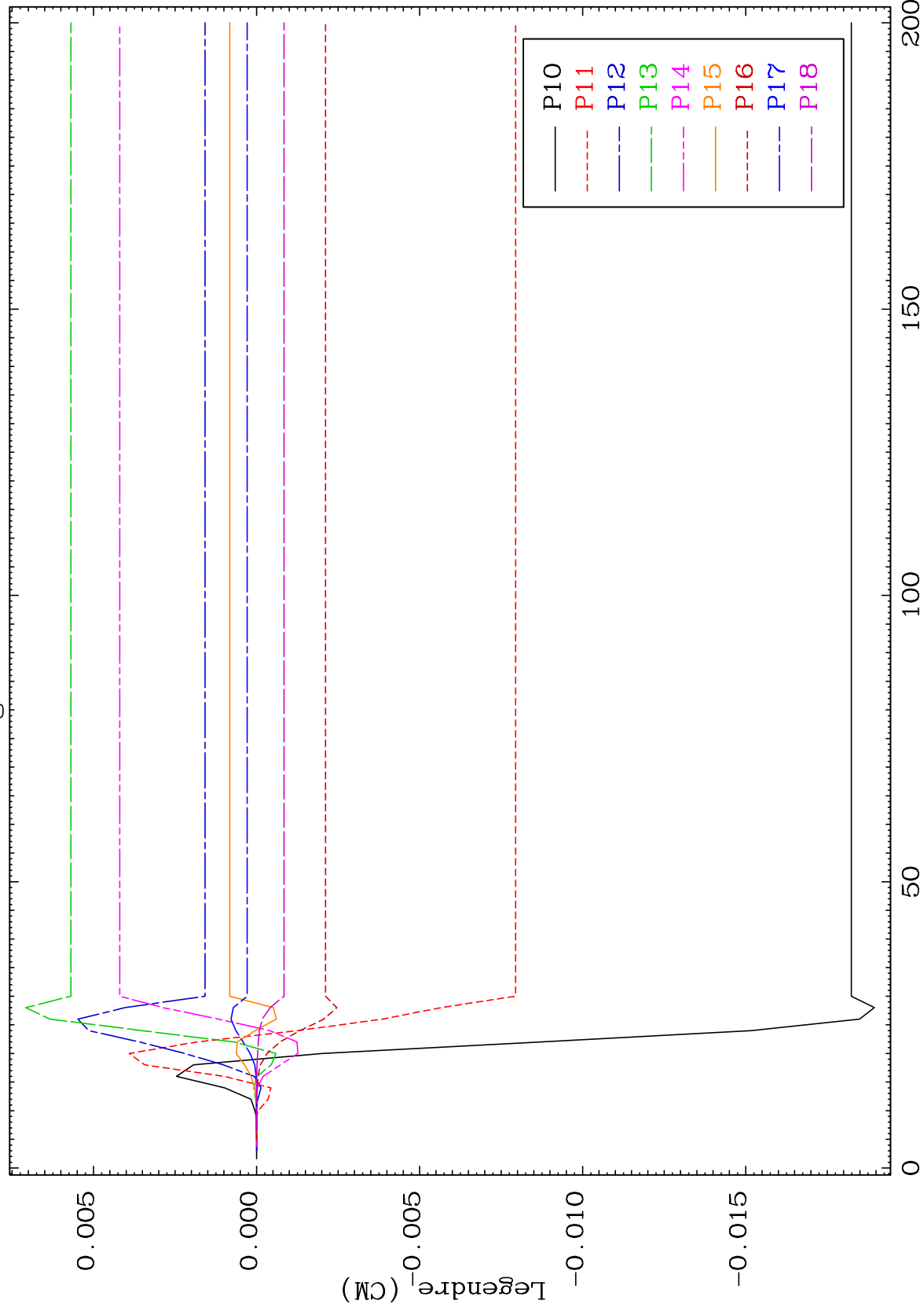
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



80-Hg-186

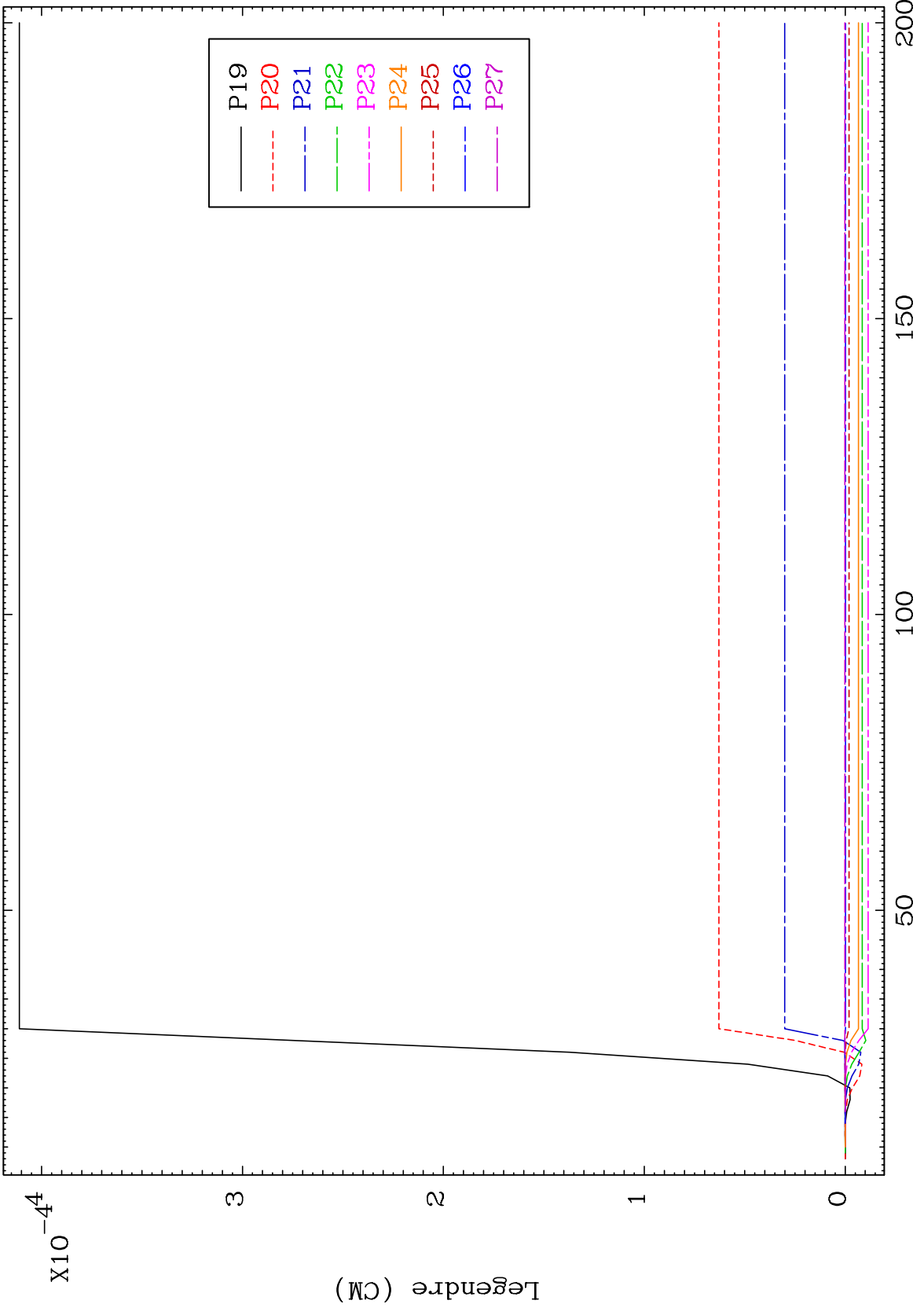
Incident Energy (MeV)

60

MAT 7995

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

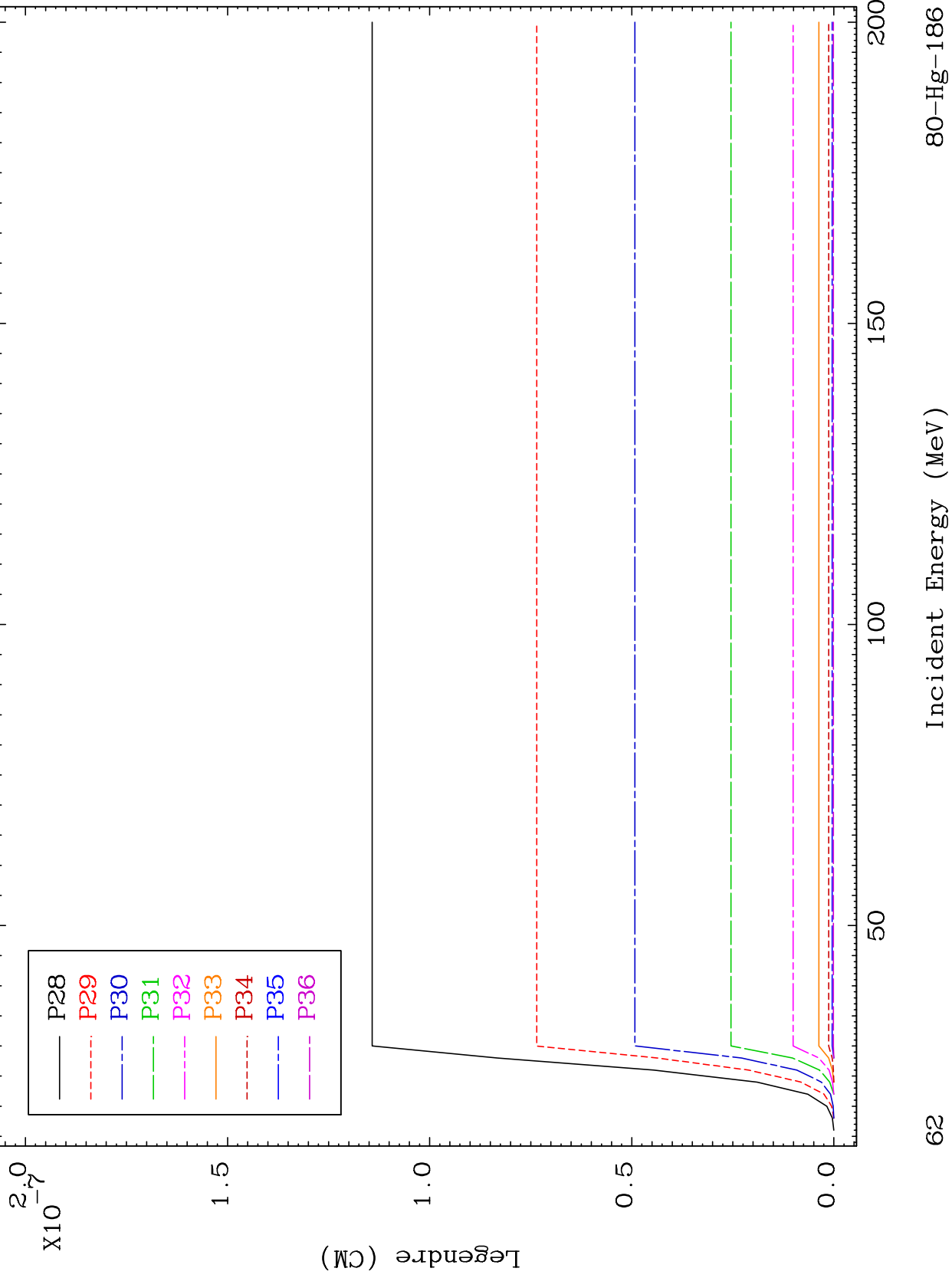
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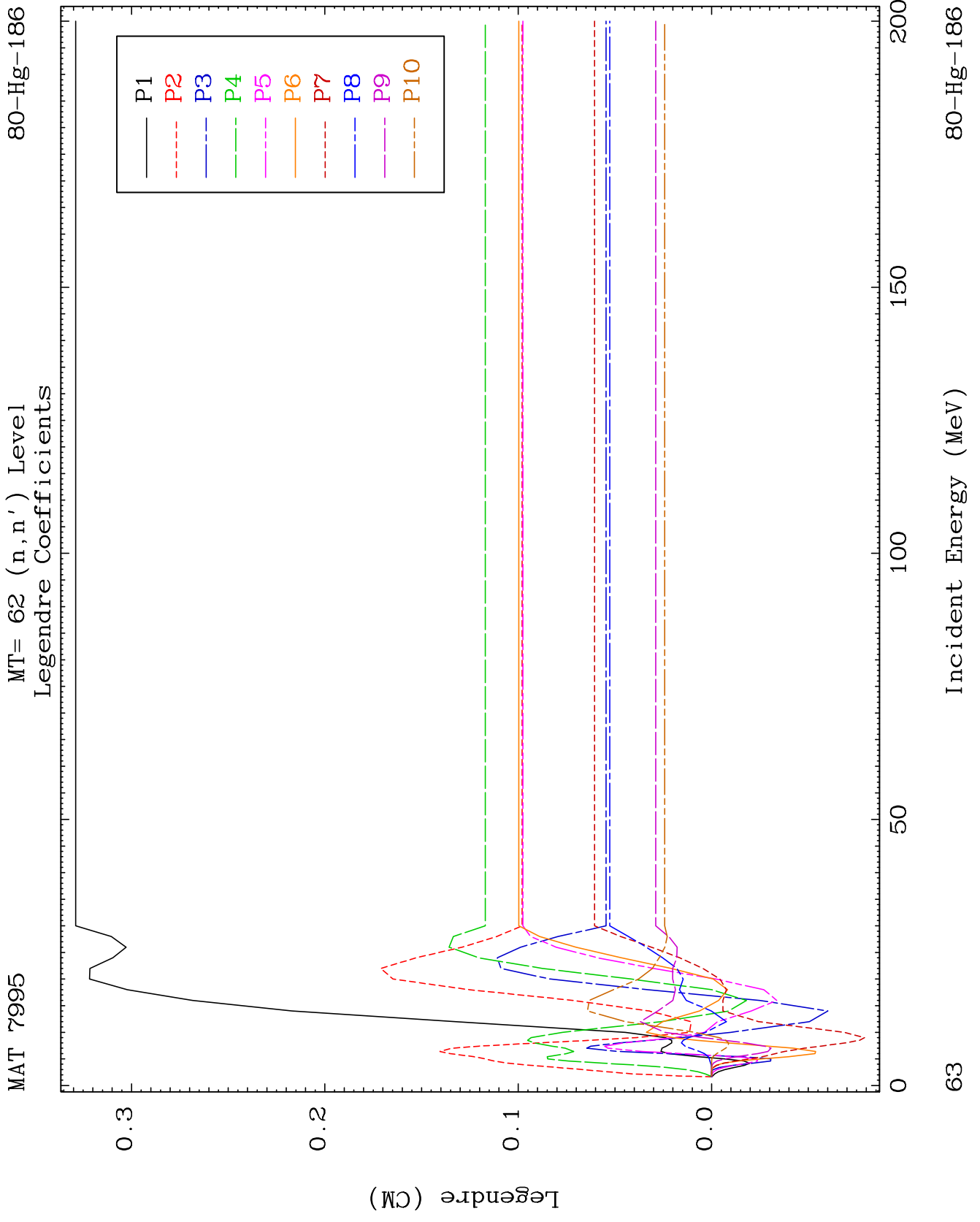


MAT 7995

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

80-Hg-186





80-Hg-186

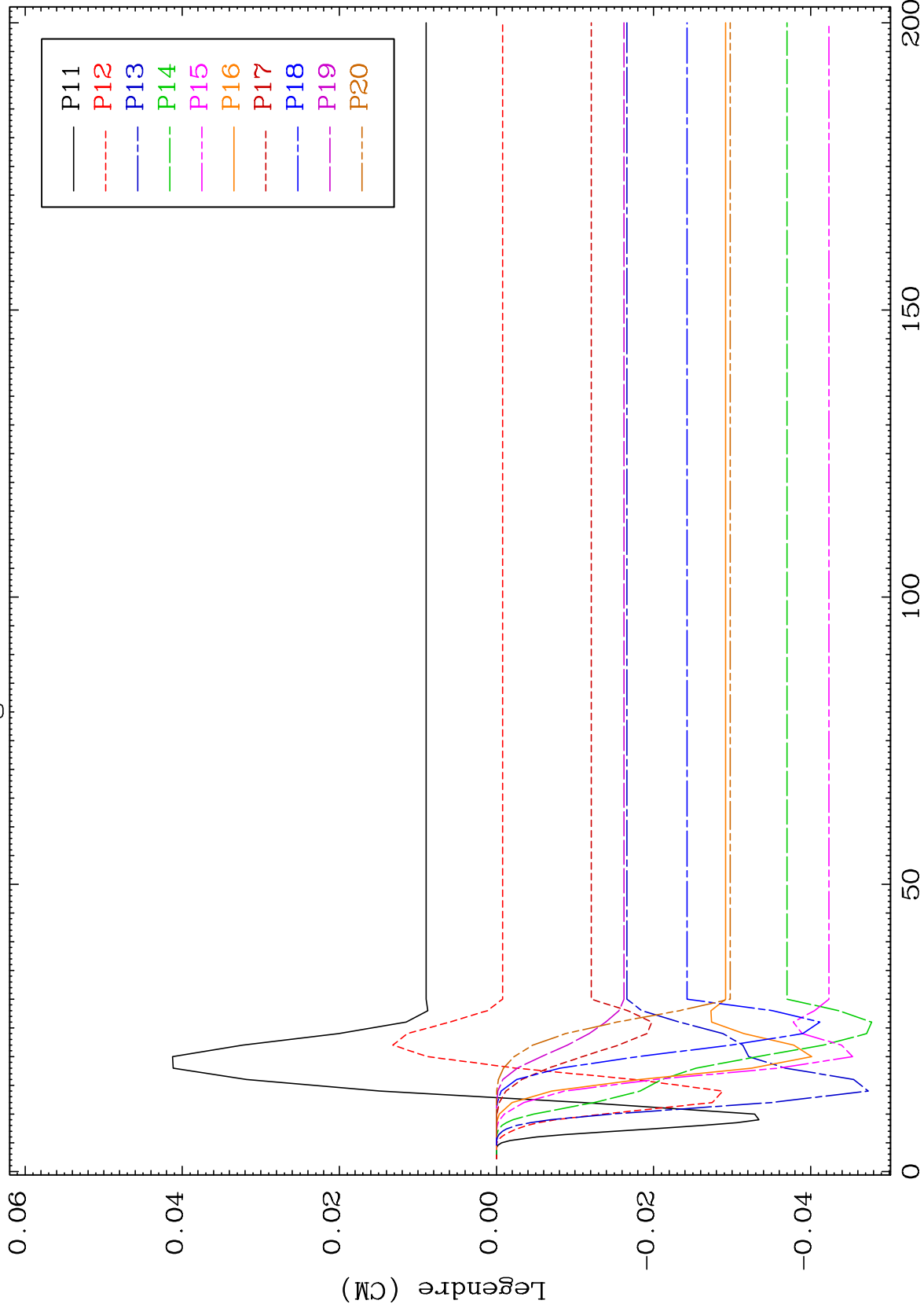
Incident Energy (MeV)

63

MAT 7995

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

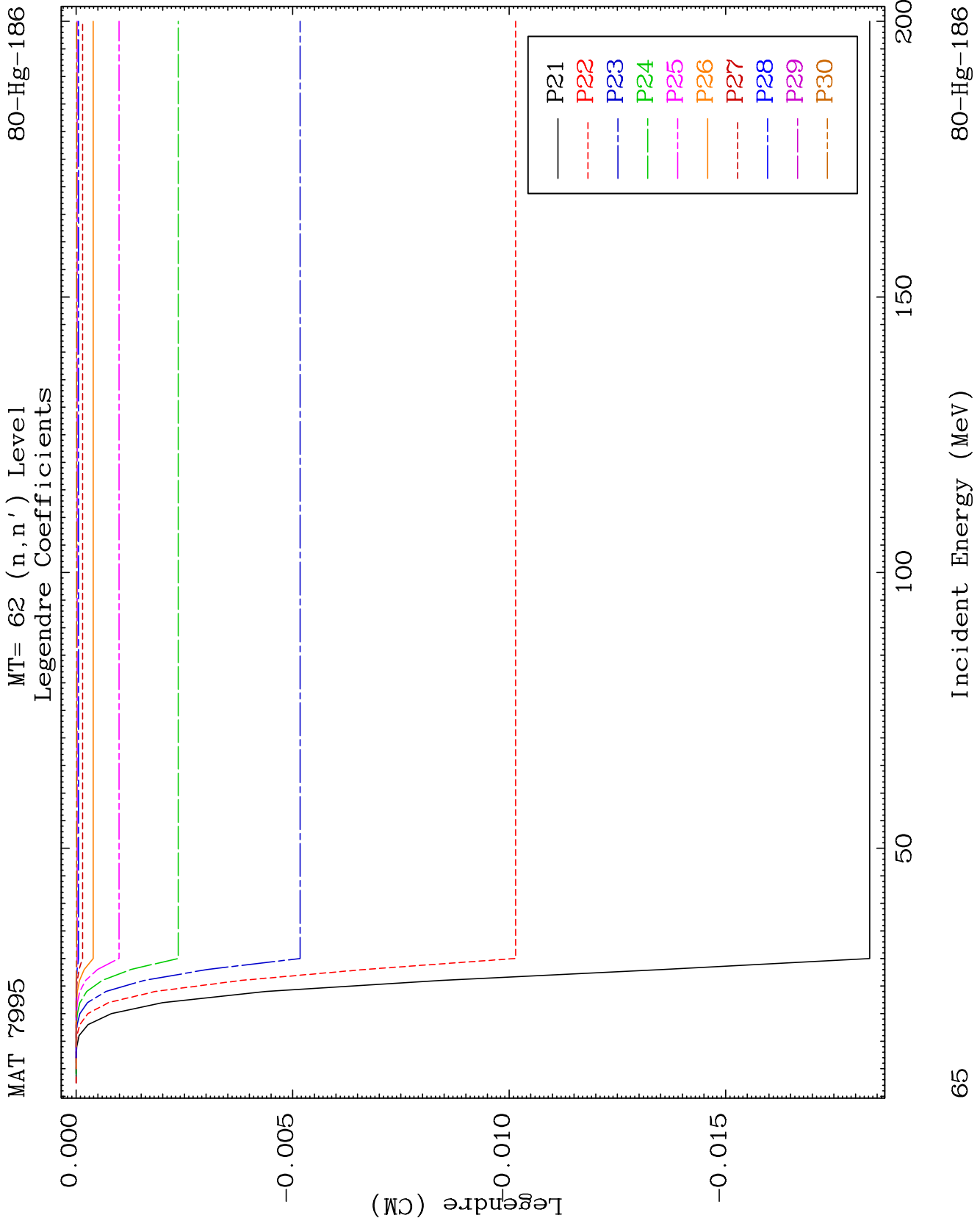
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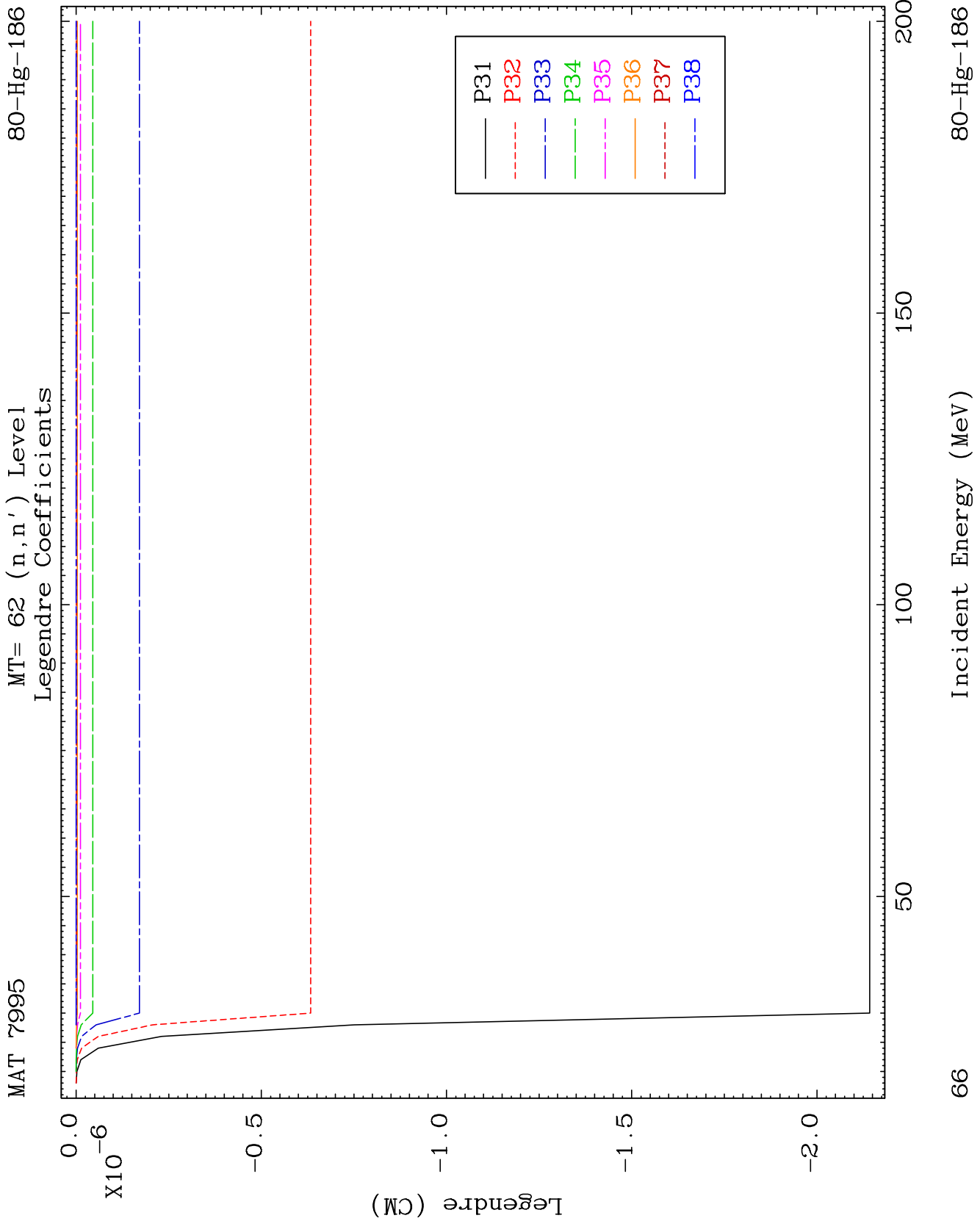


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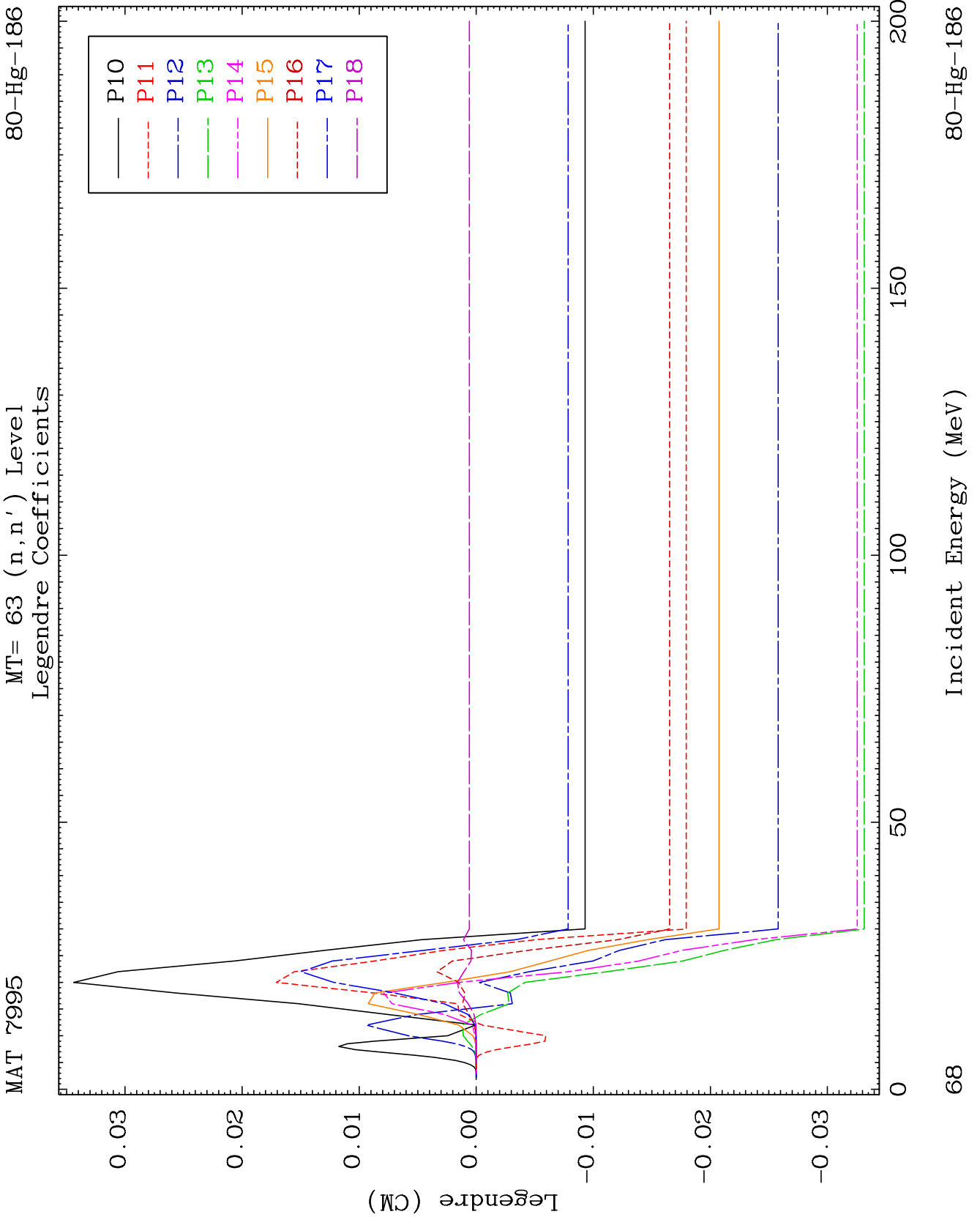
Incident Energy (MeV)

80-Hg-186





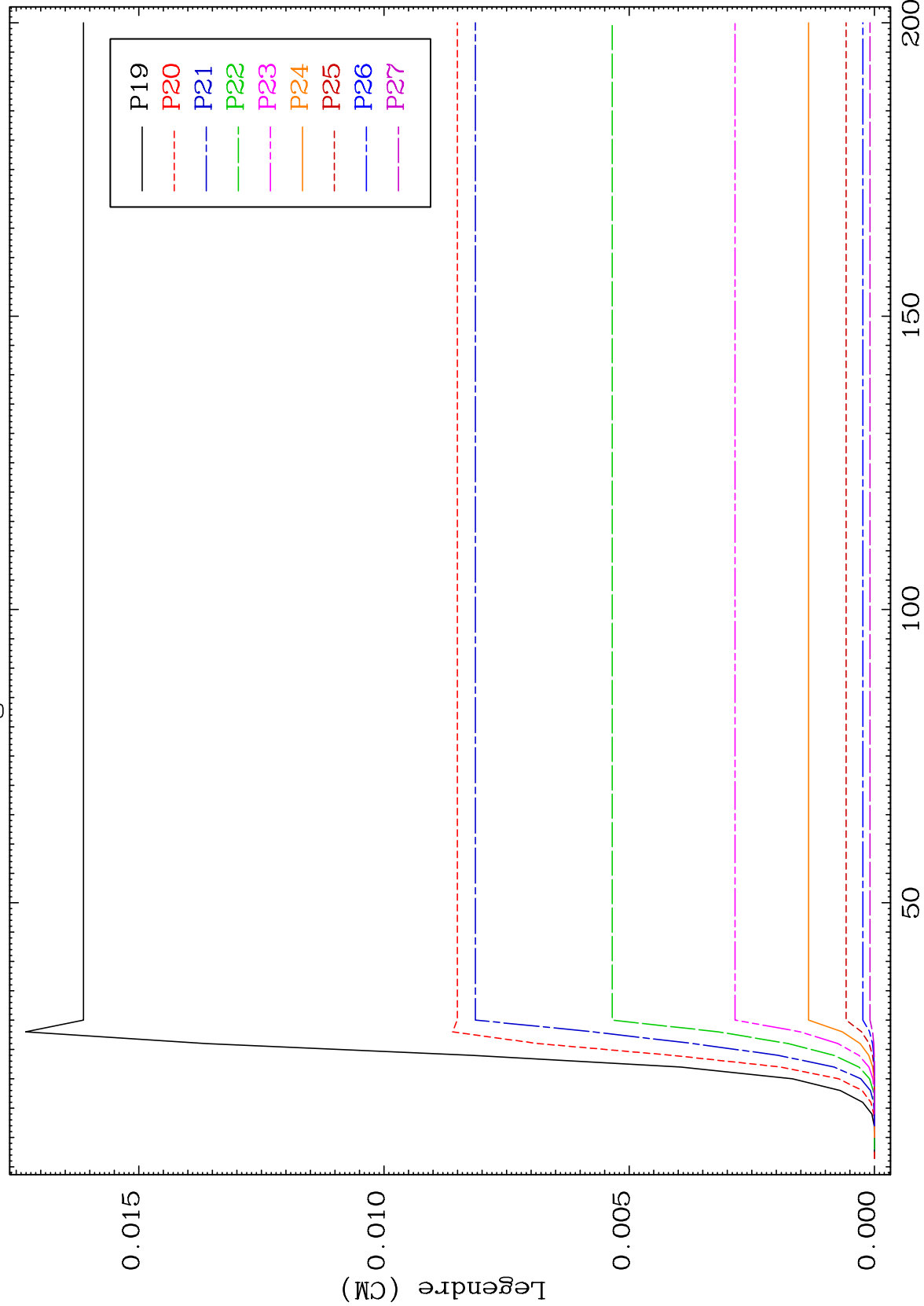




MAT 7995

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

80-Hg-186



69

Incident Energy (MeV)

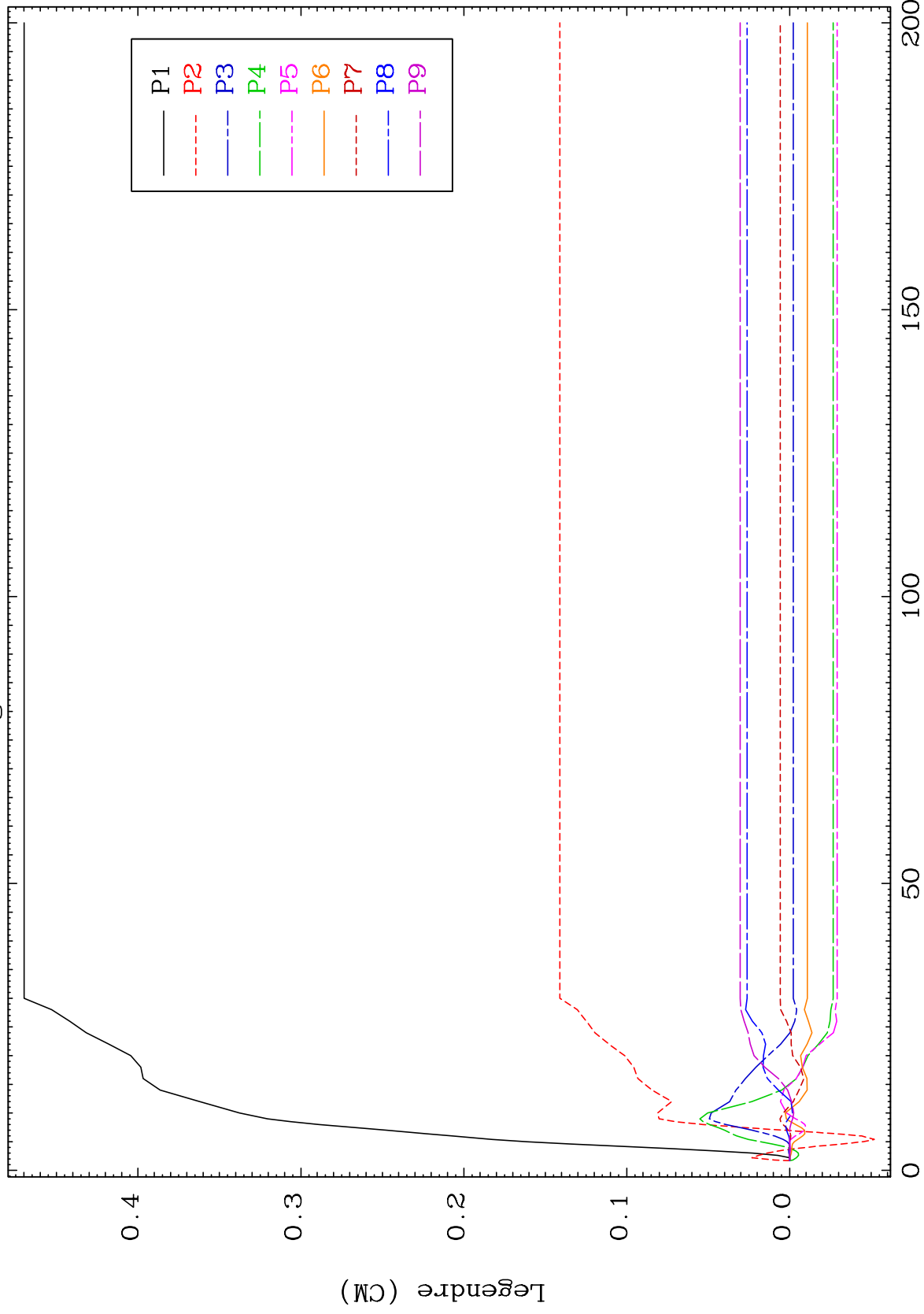
80-Hg-186



MAT 7995

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

80-Hg-186



71

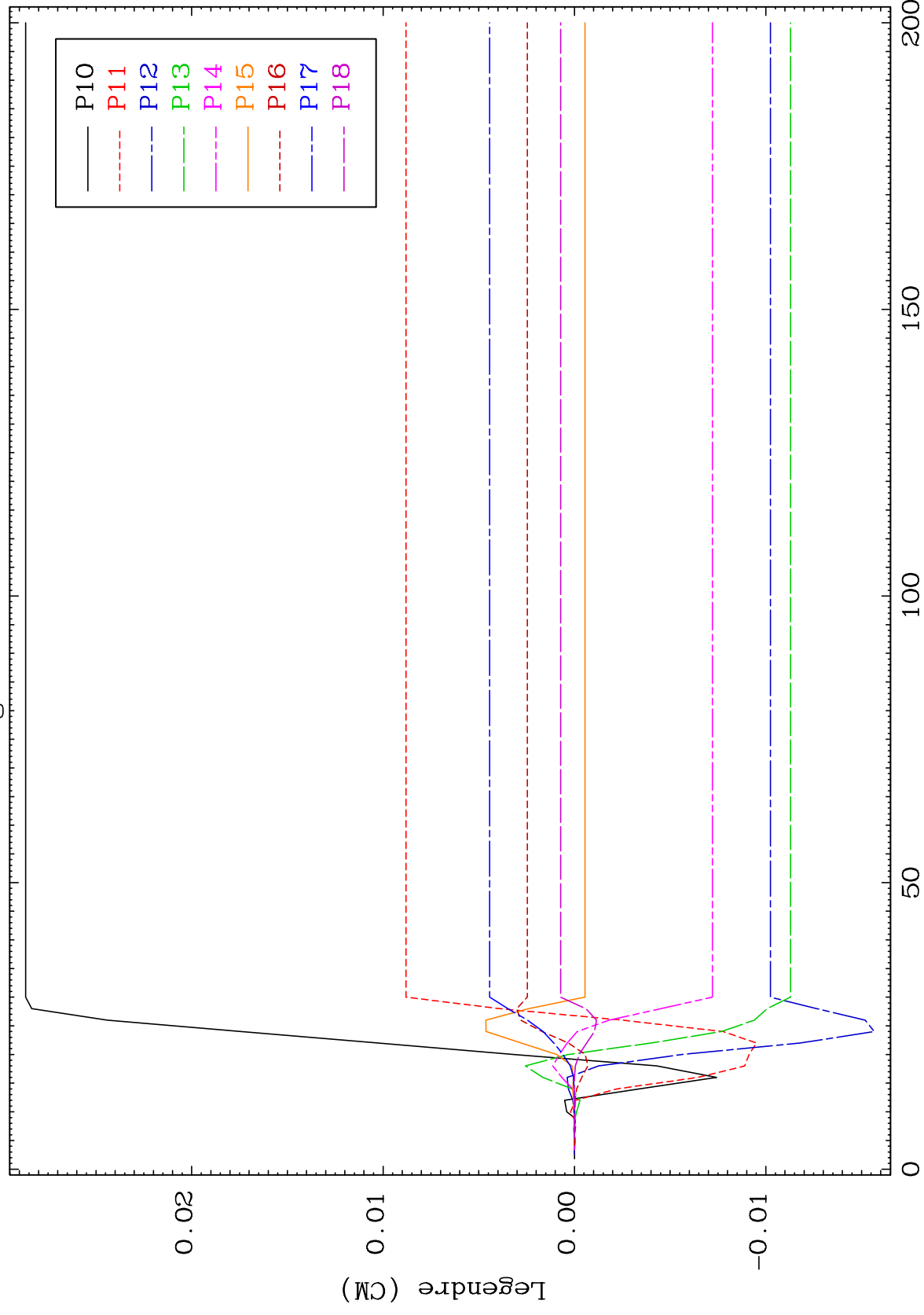
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



72

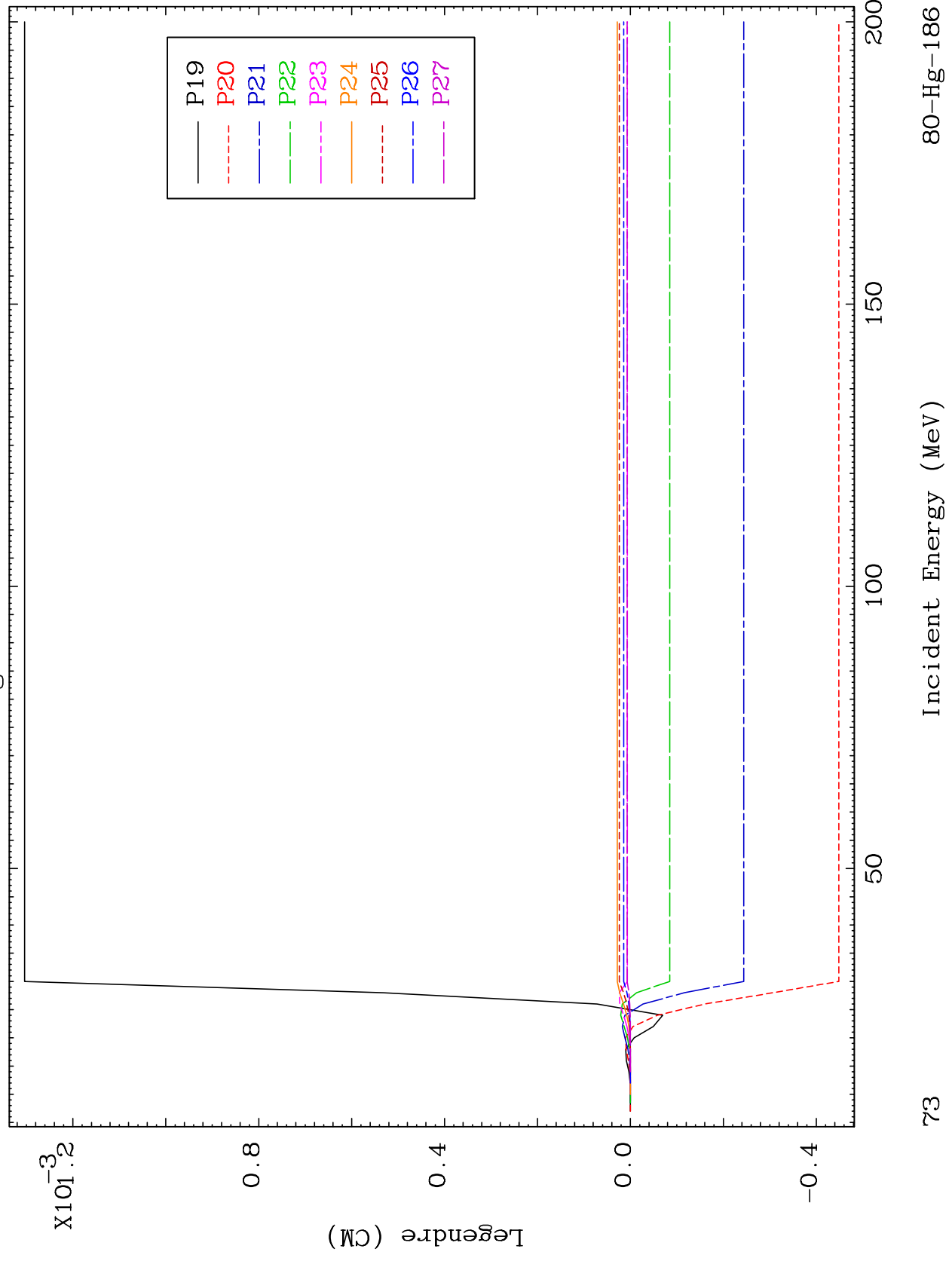
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



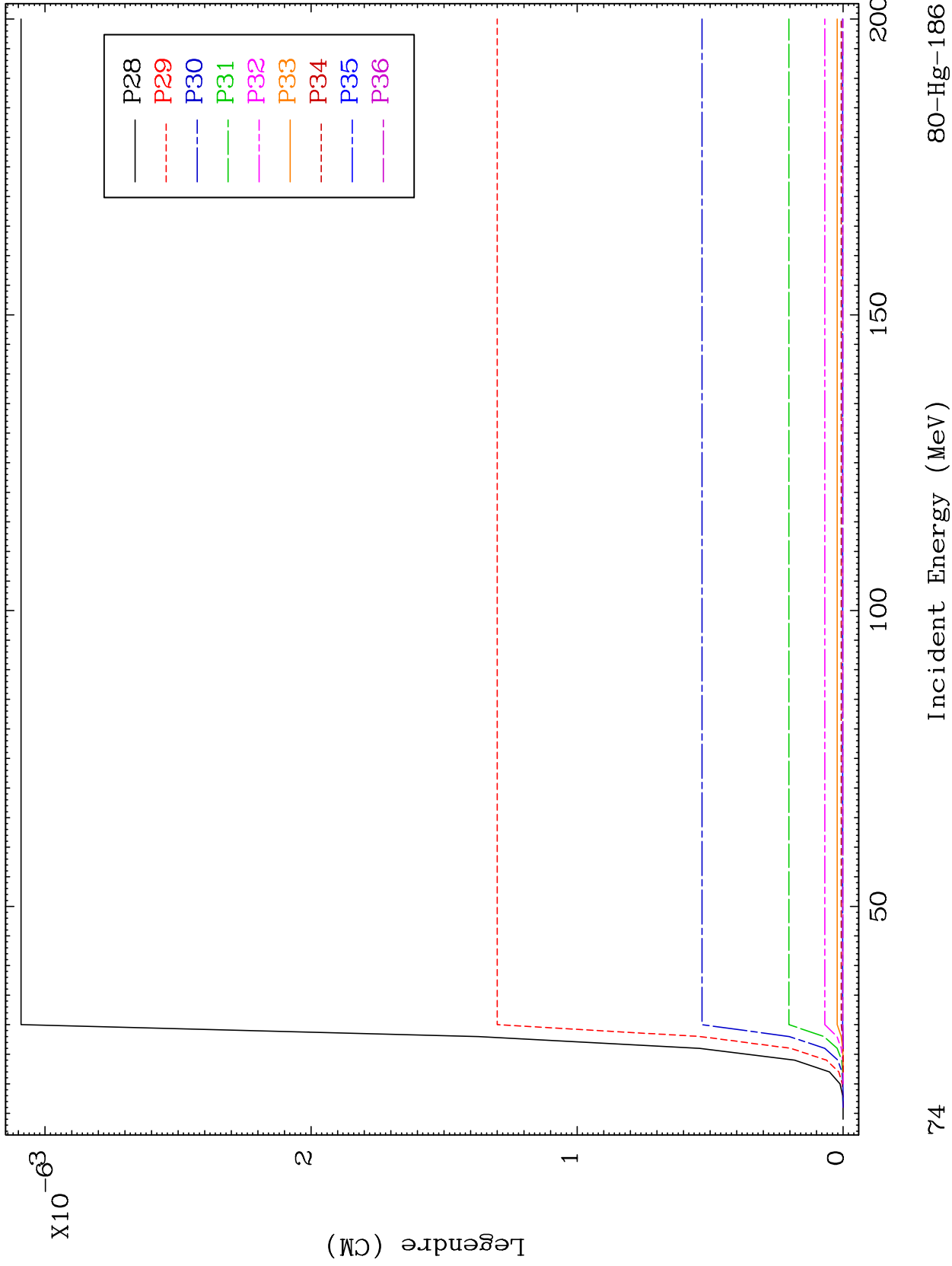
73

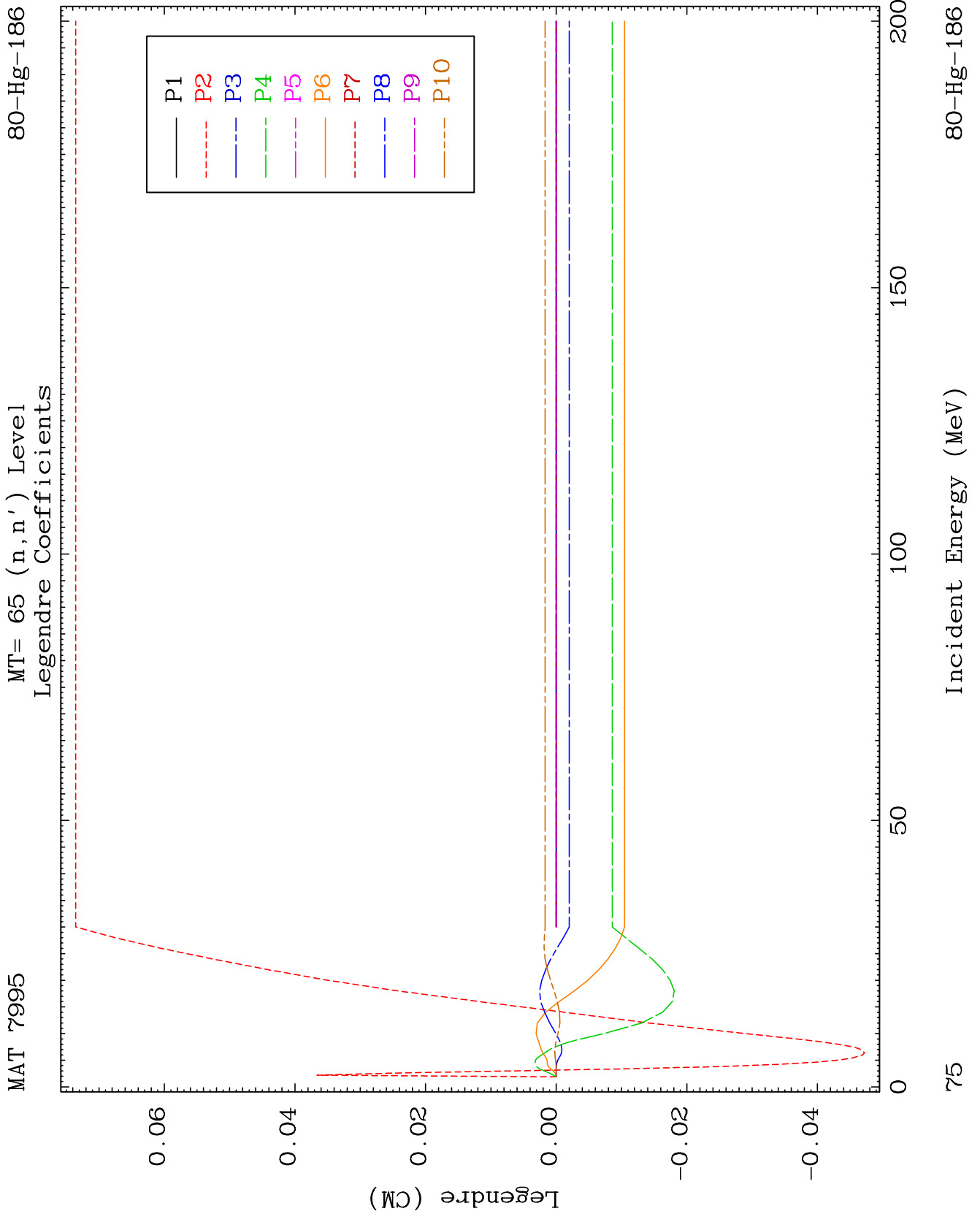
80-Hg-186

MAT 7995

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

80-Hg-186

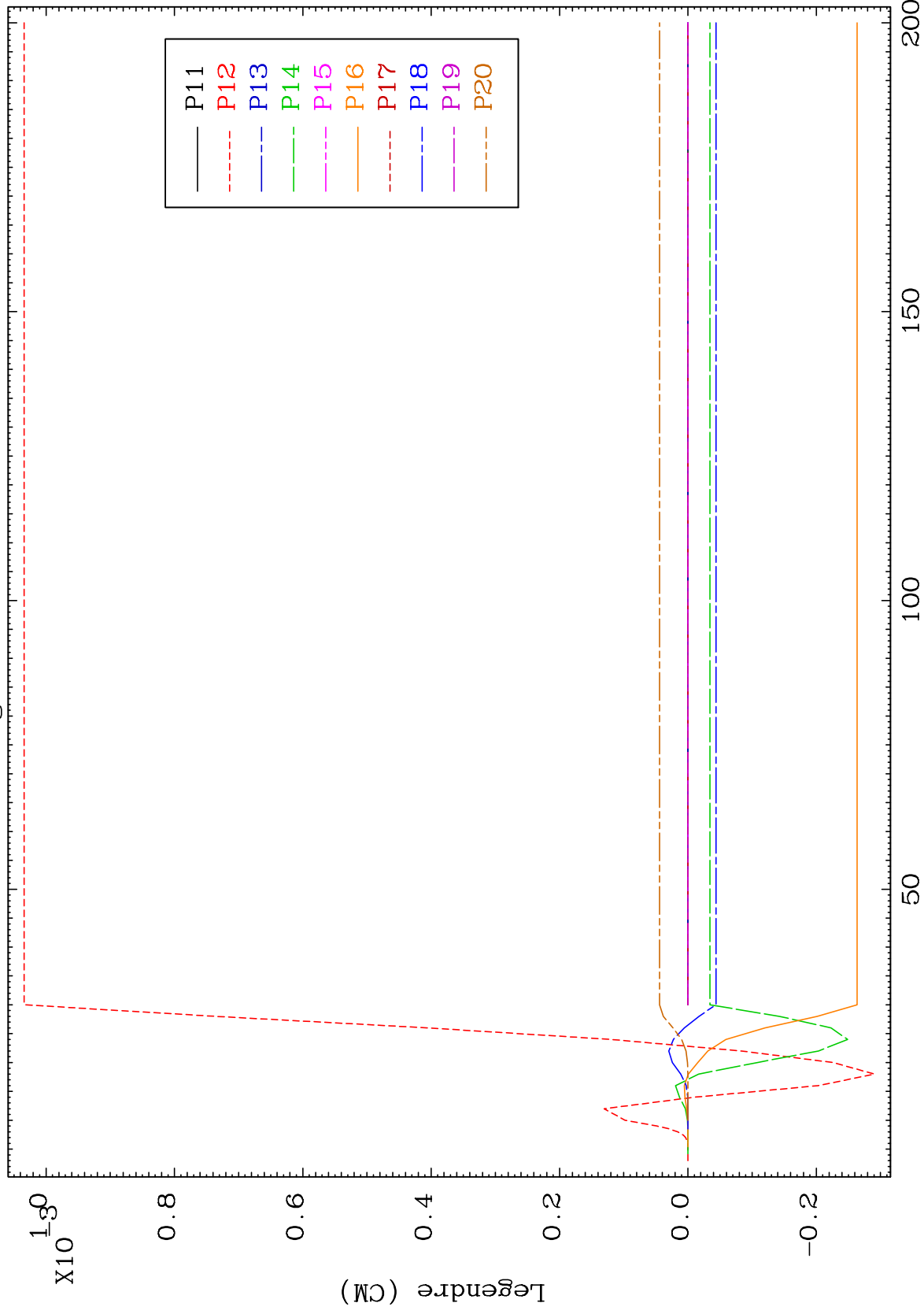




MAT 7995

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

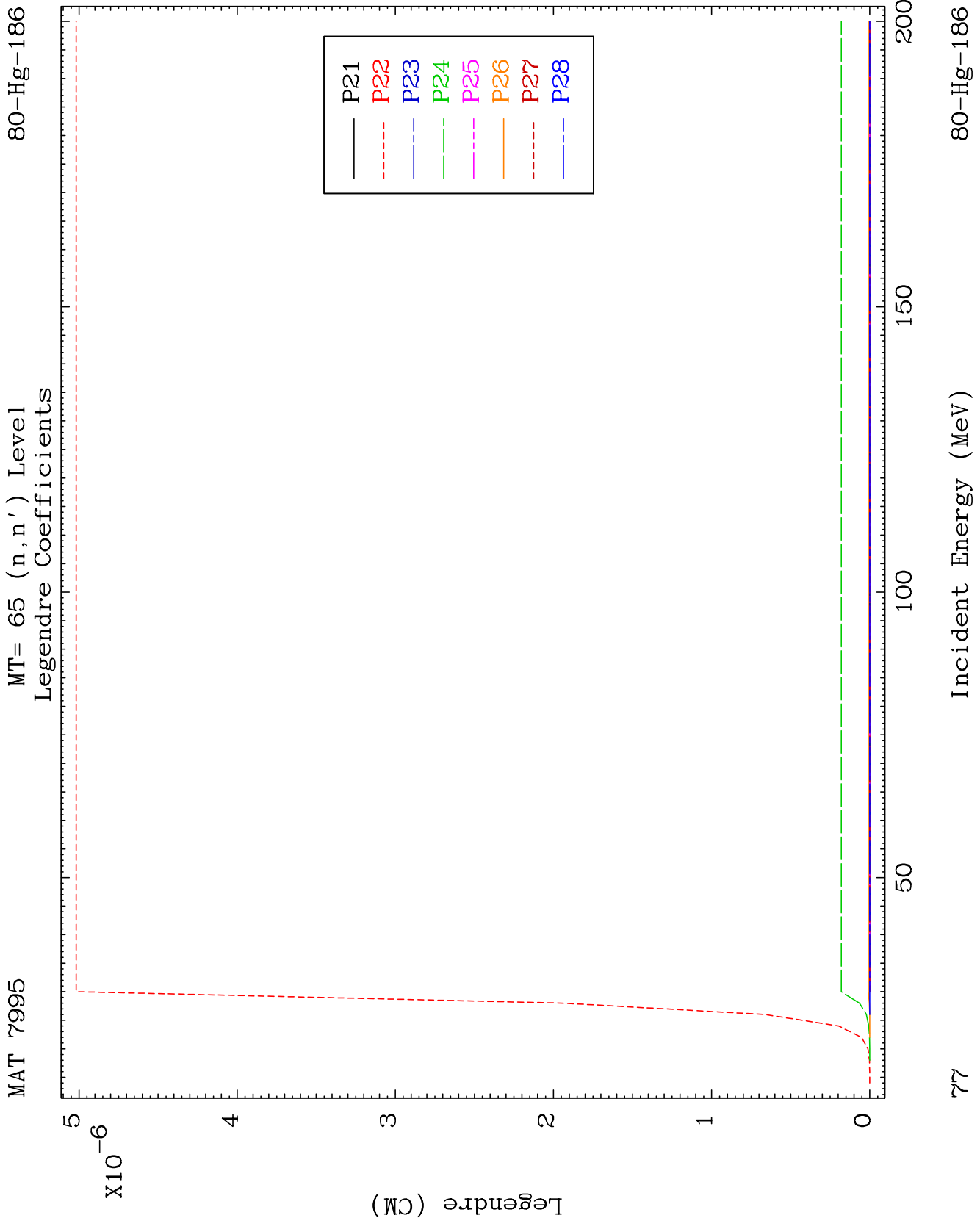
80-Hg-186



76

Incident Energy (MeV)

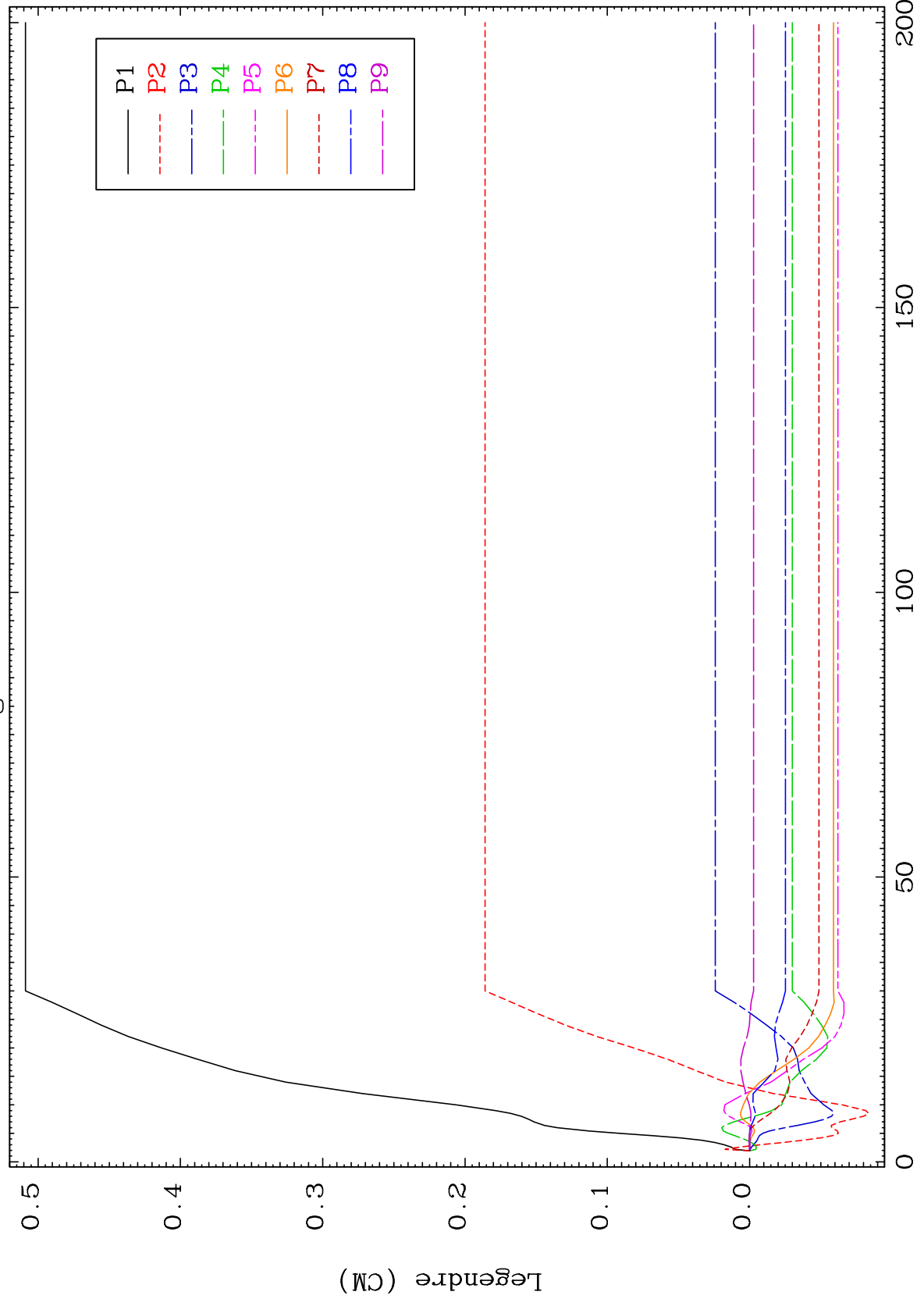
80-Hg-186



MAT 7995

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

80-Hg-186



78

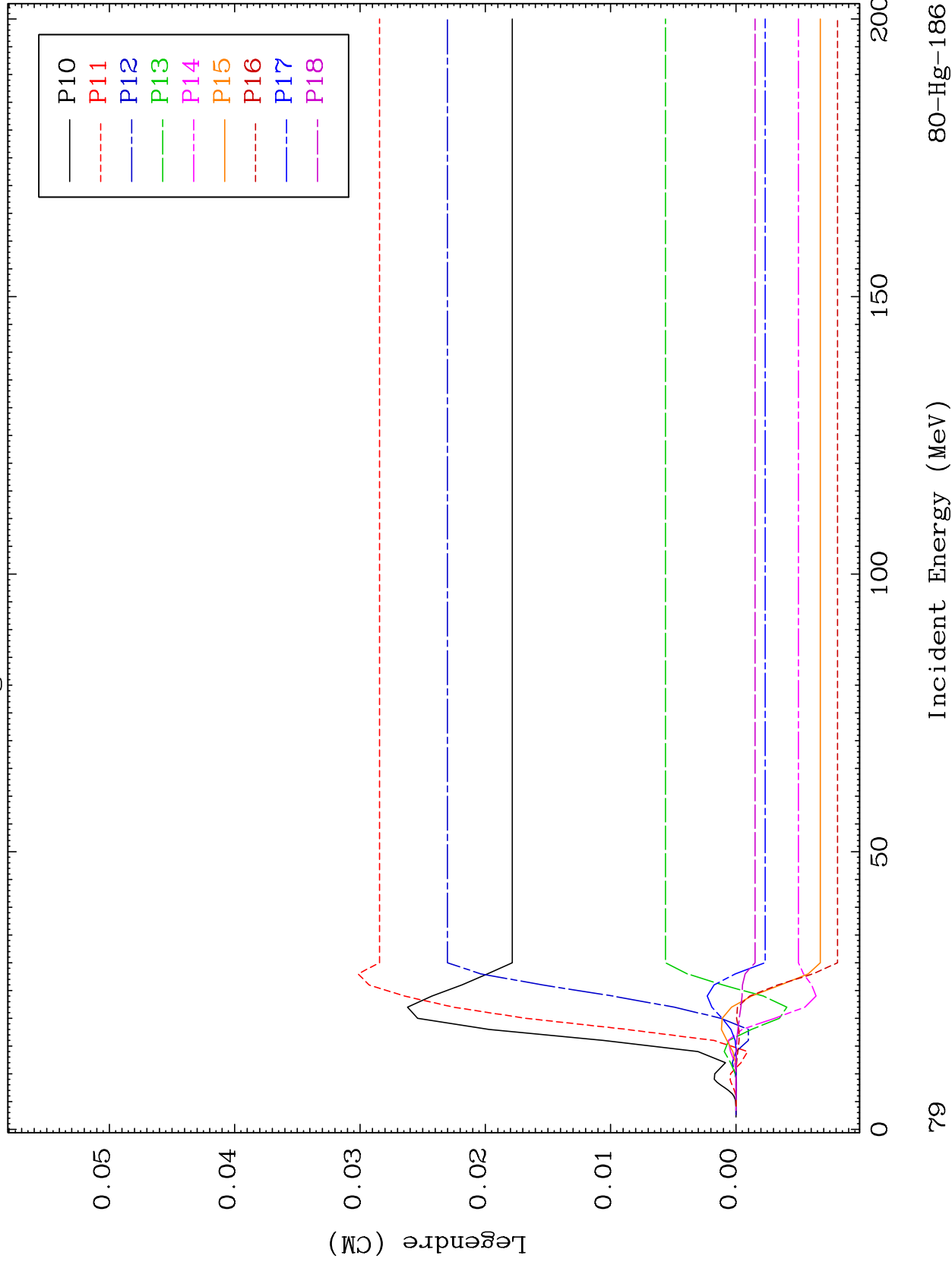
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

80-Hg-186



79

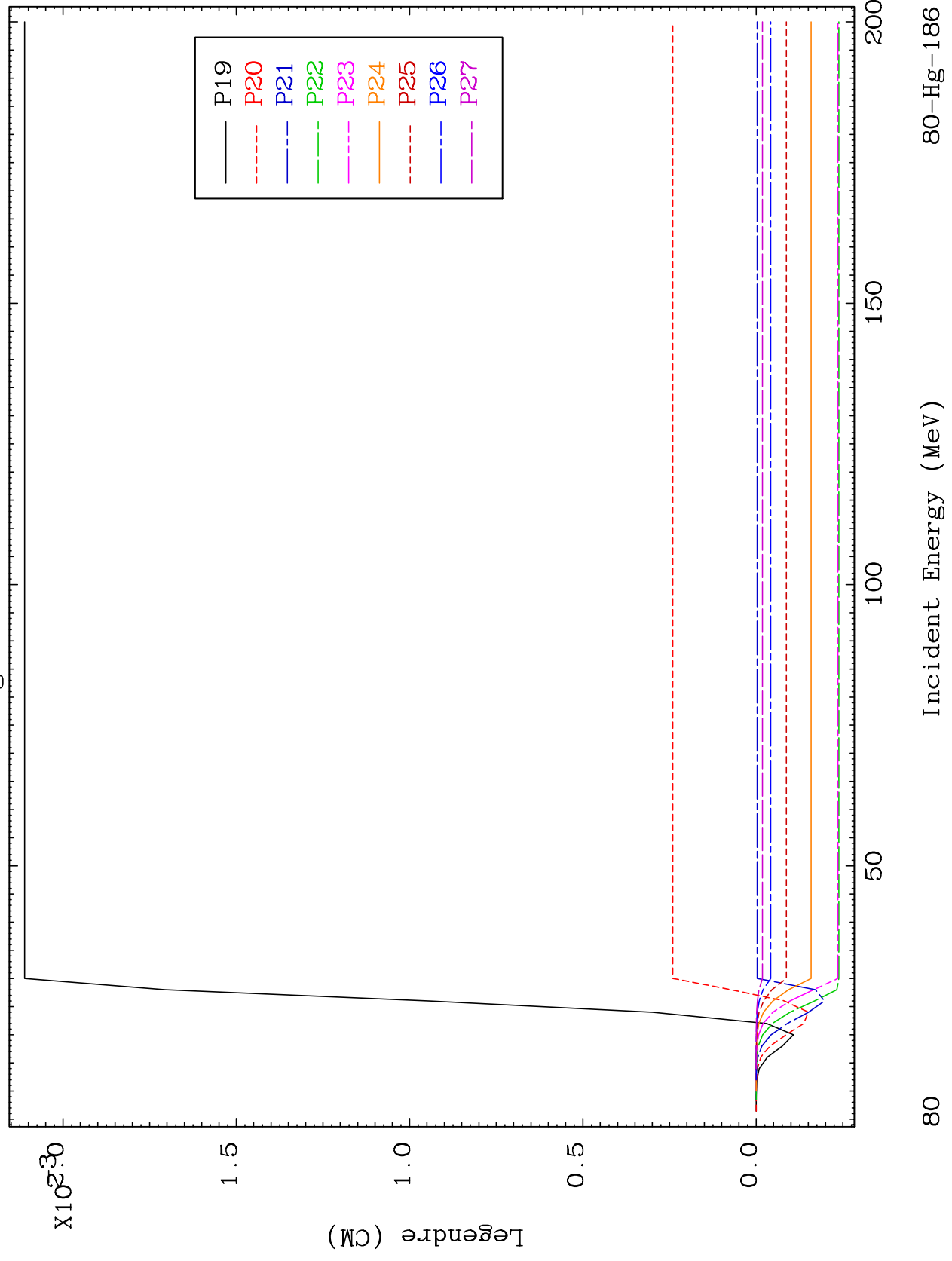
Incident Energy (MeV)

80-Hg-186

MAT 7995

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

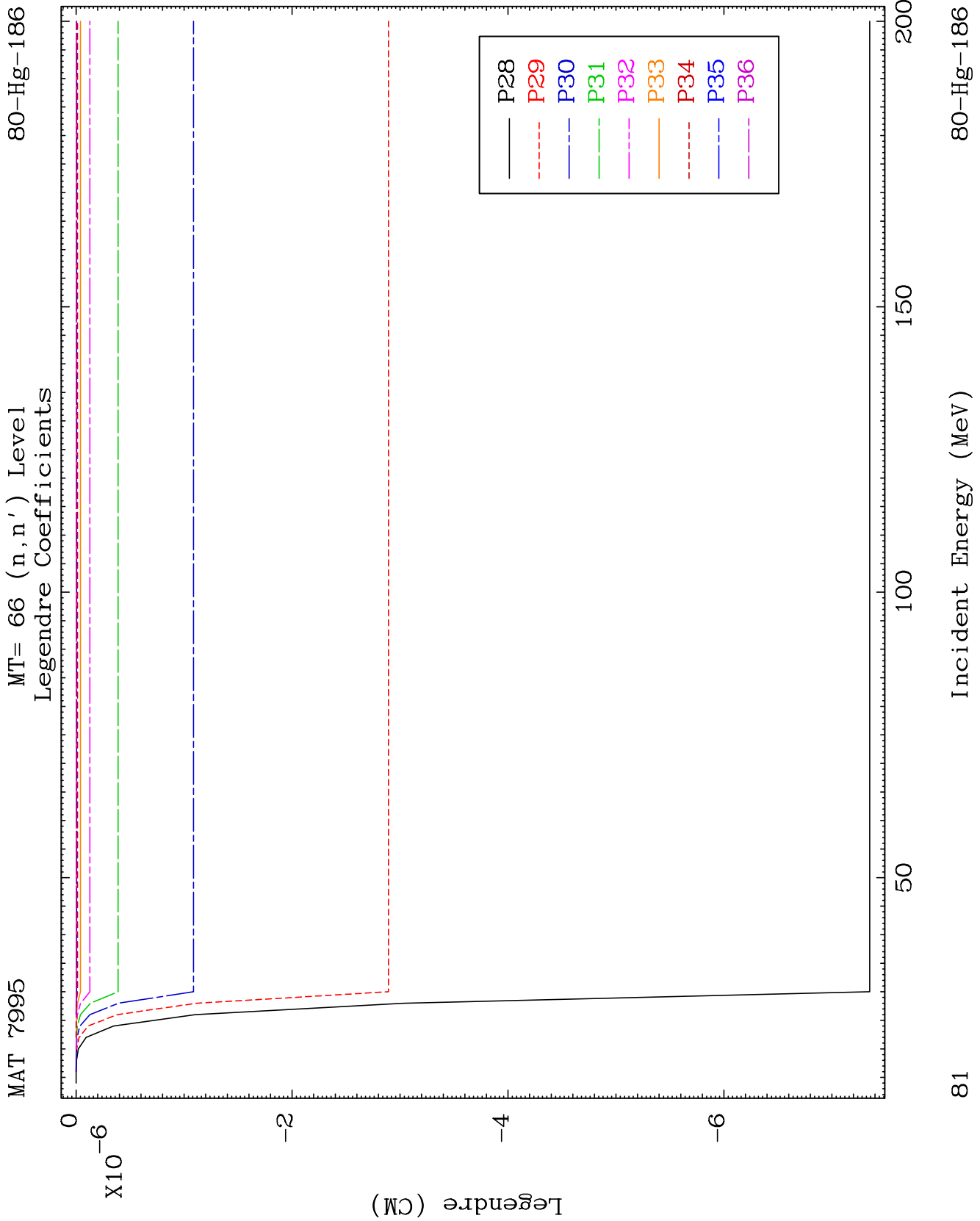
80-Hg-186

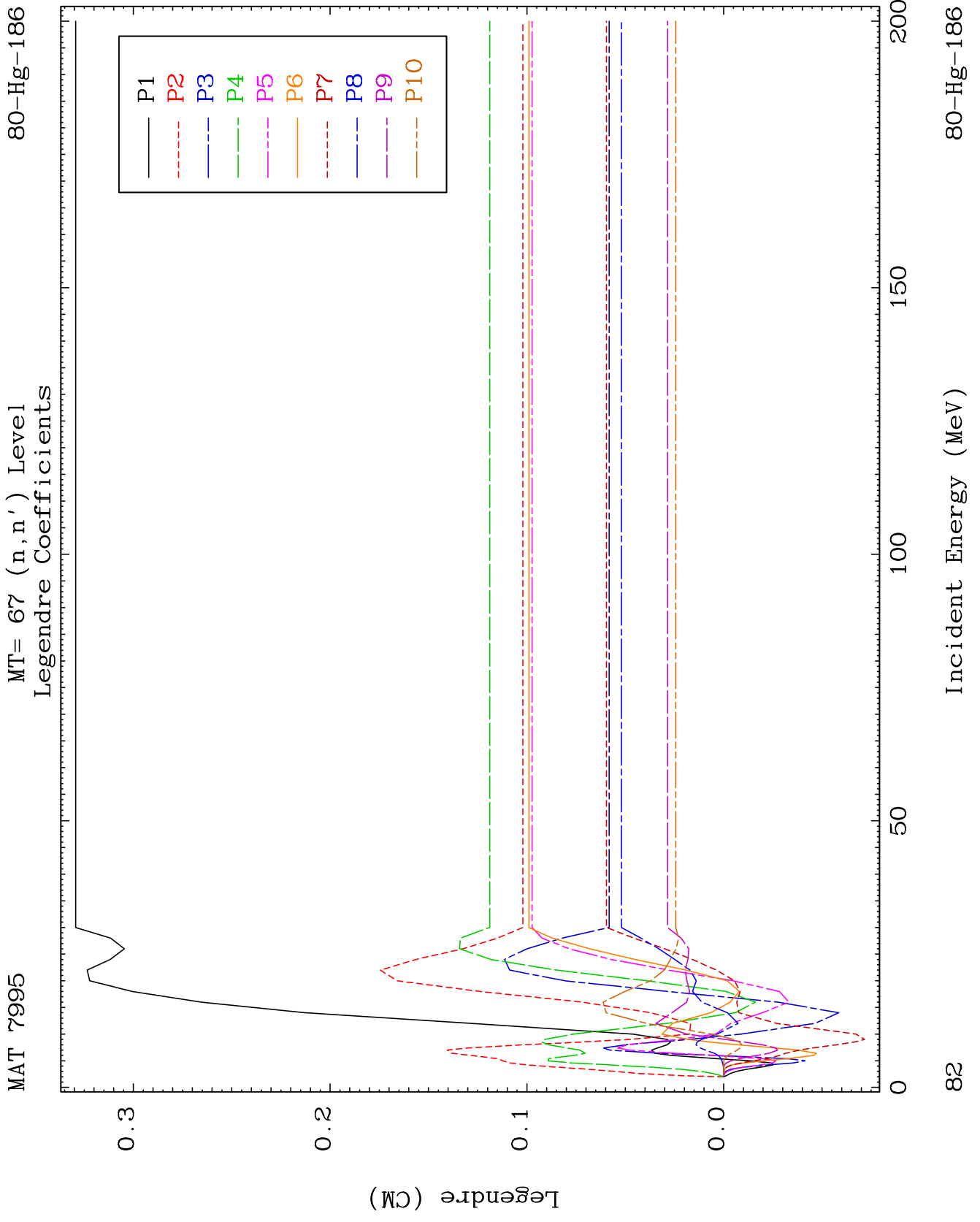


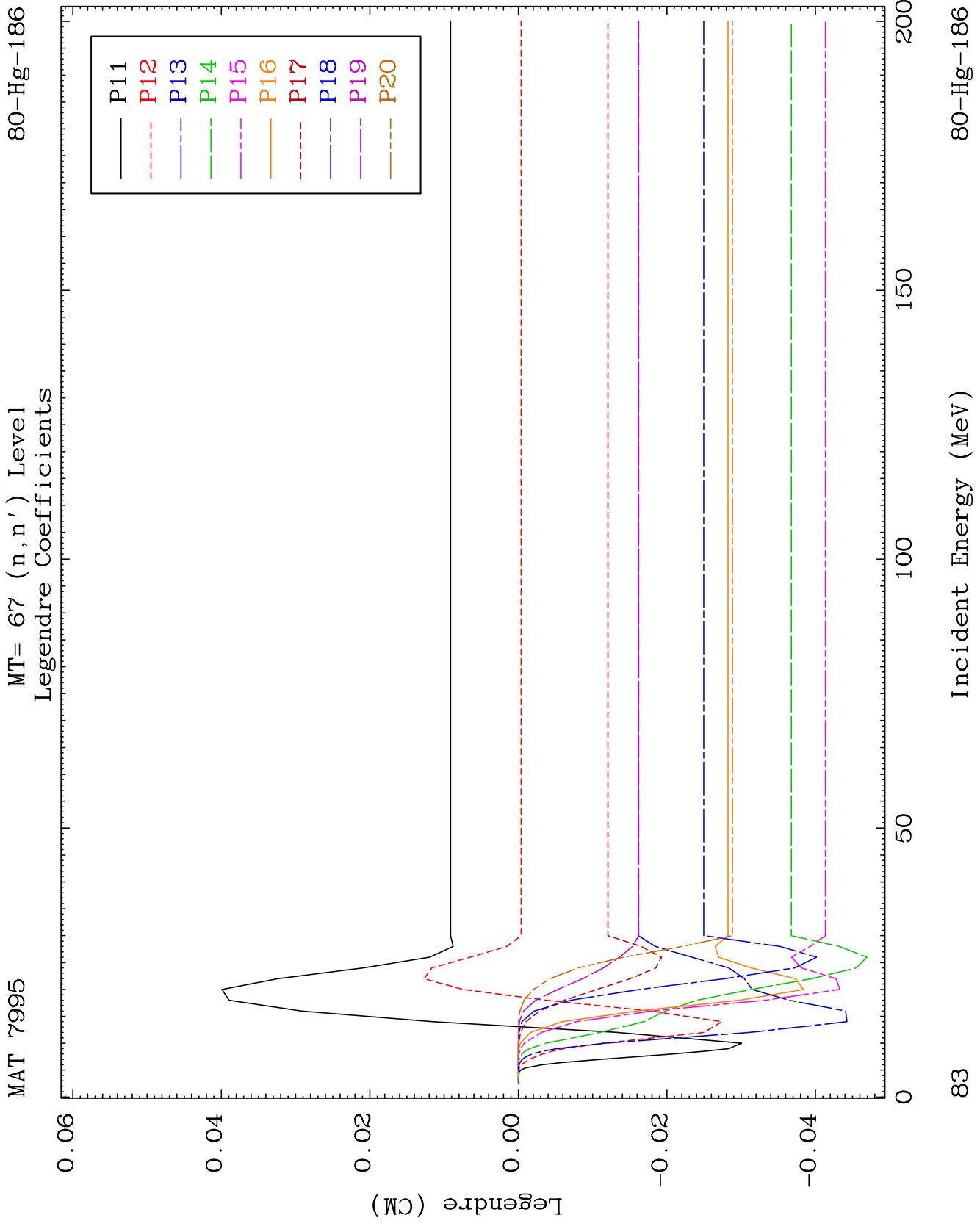
80

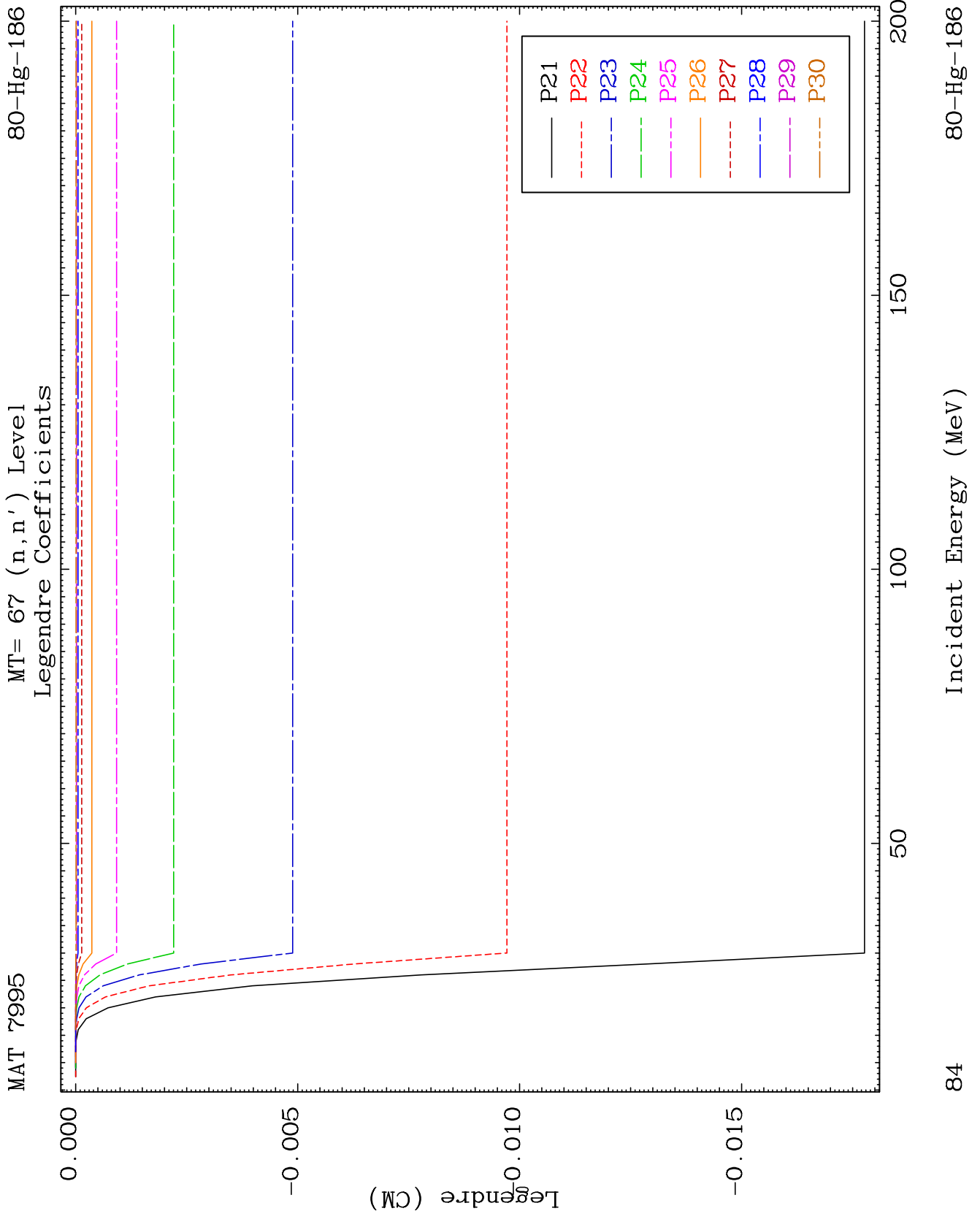
Incident Energy (MeV)

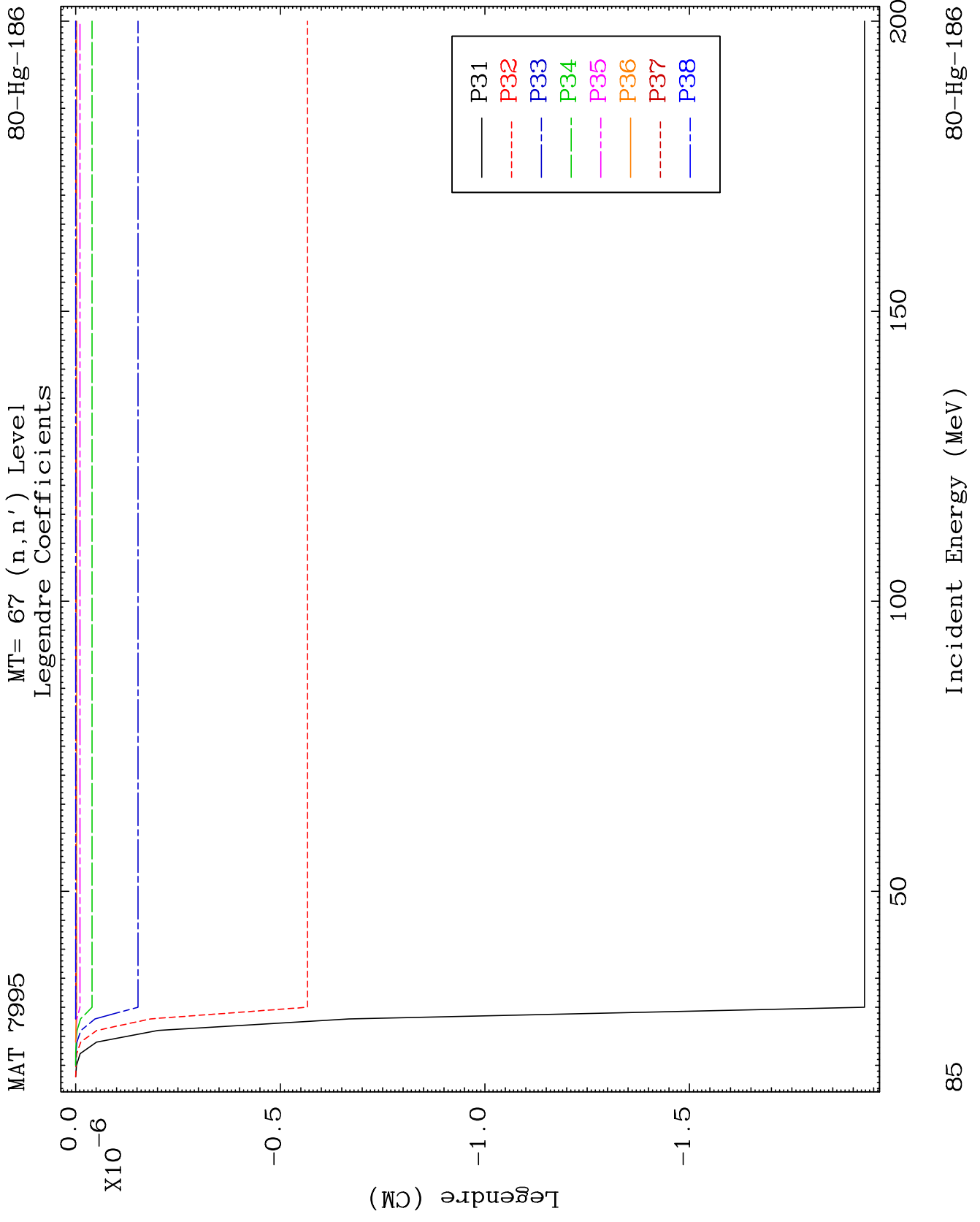
80-Hg-186



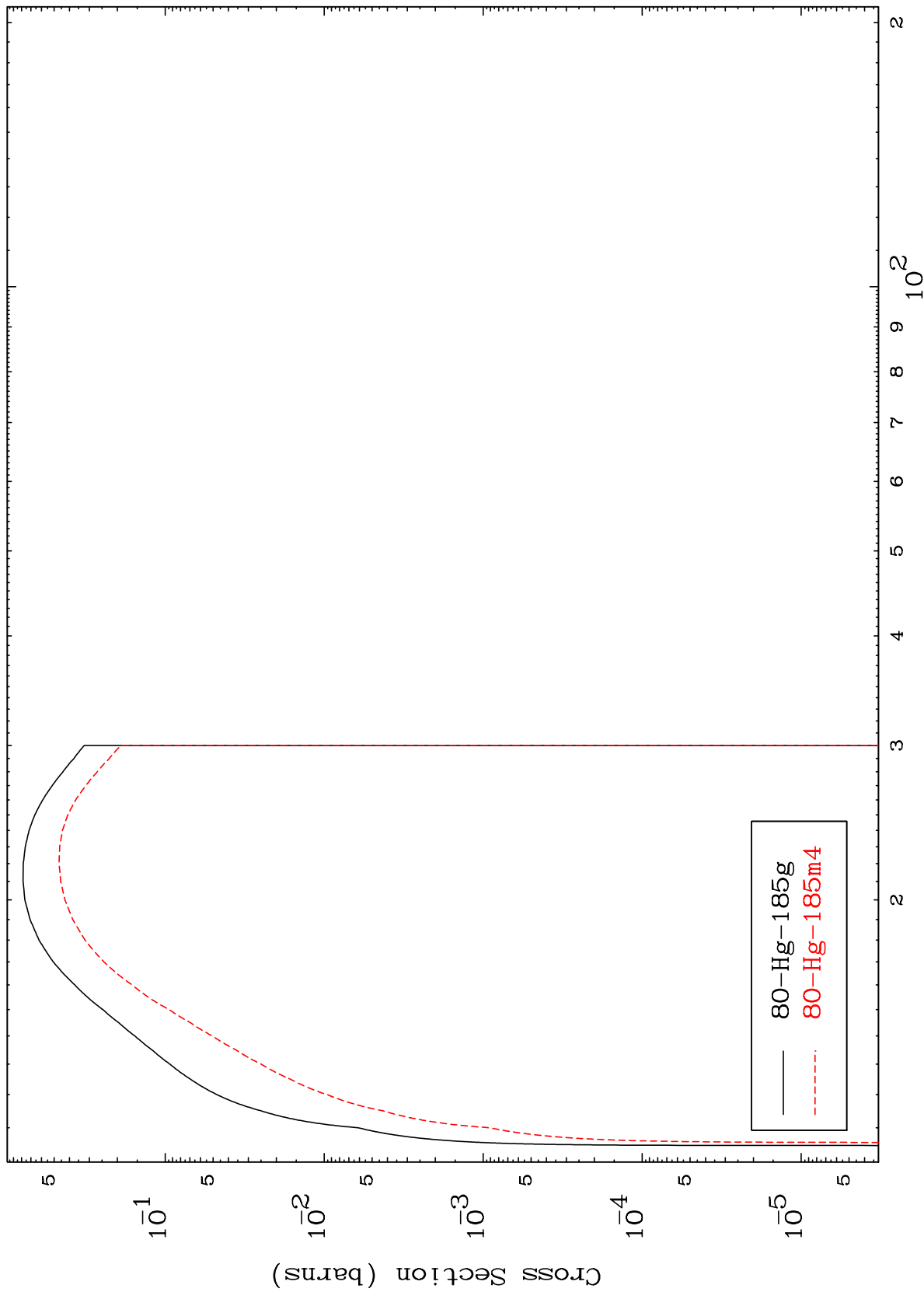








Radionuclide Production Cross Section



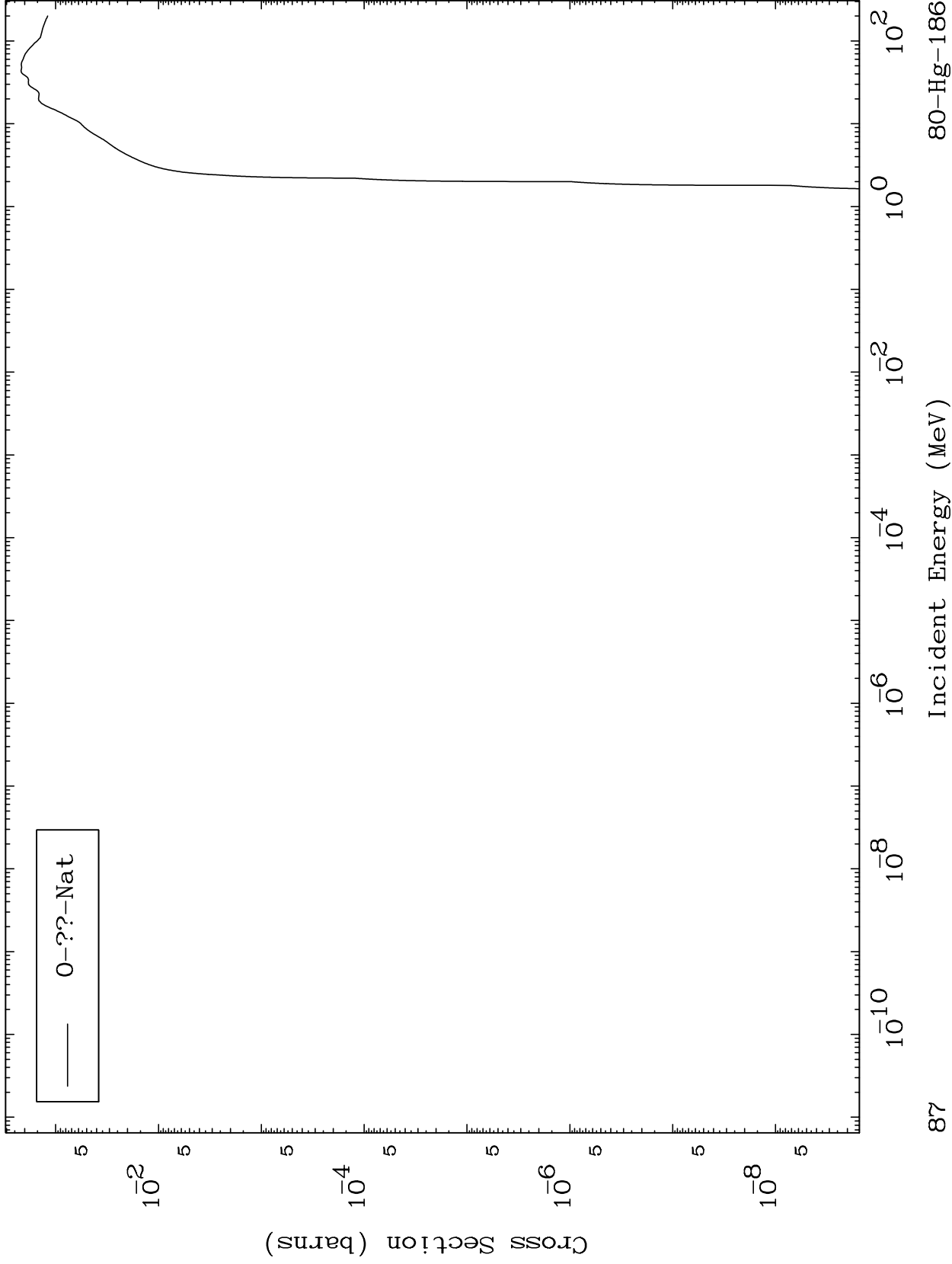
80-Hg-185g  
80-Hg-185m4

MAT 7995

Fission

80-Hg-186

Radionuclide Production Cross Section

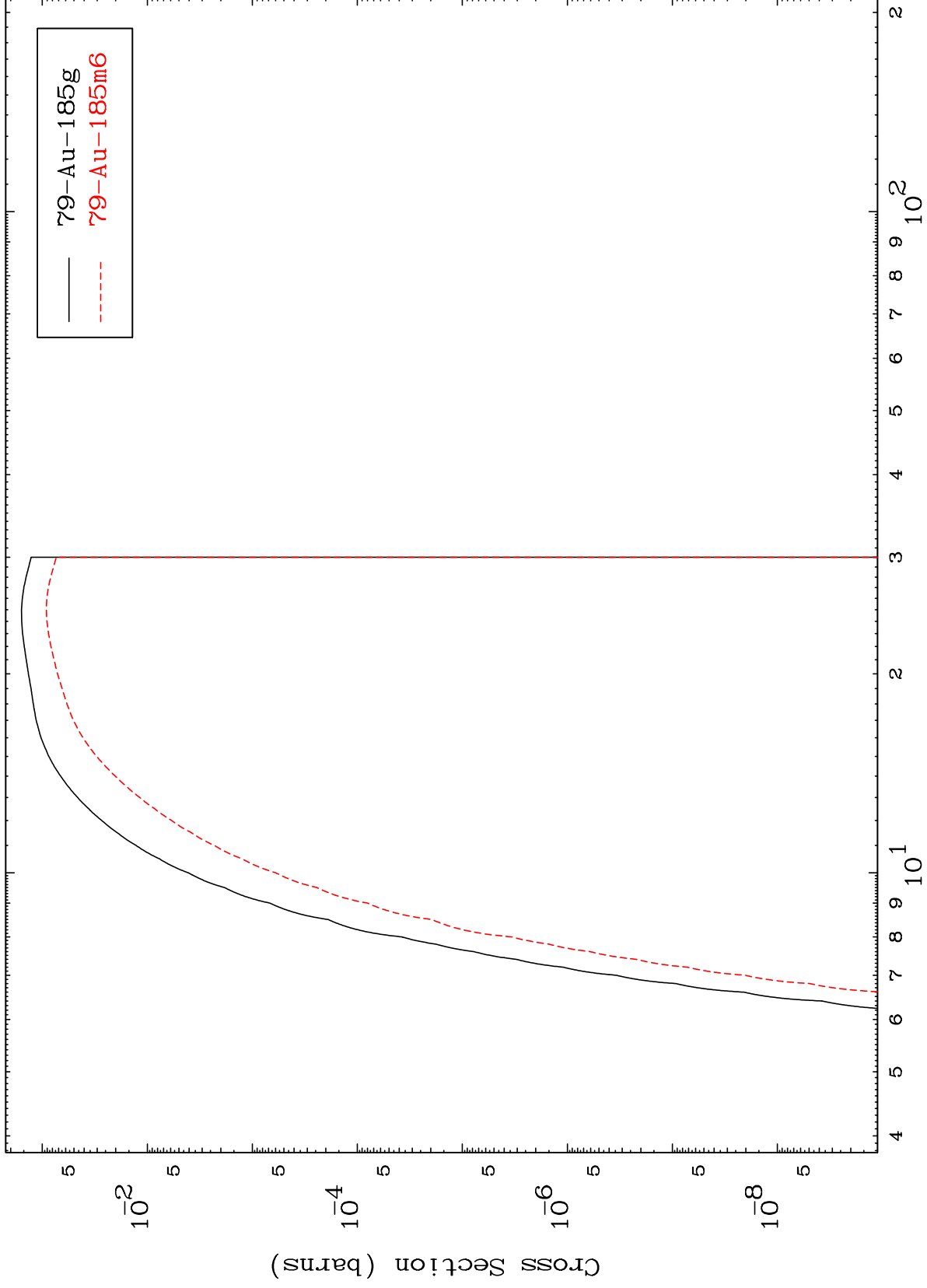


MAT 7995

(n,n') p

80-Hg-186

Radionuclide Production Cross Section



88

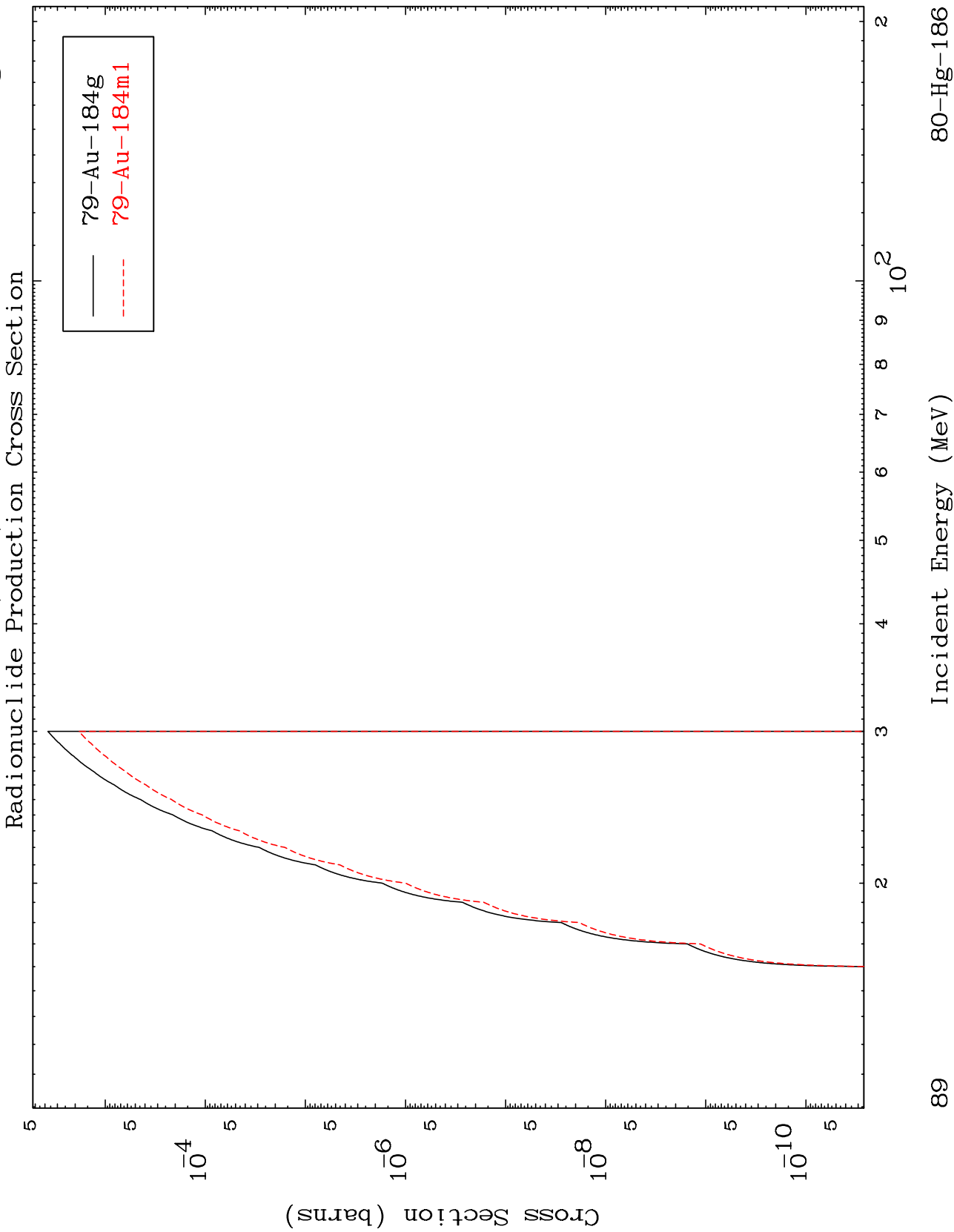
Incident Energy (MeV)

80-Hg-186

MAT 7995

(n,n') d

80-Hg-186



89

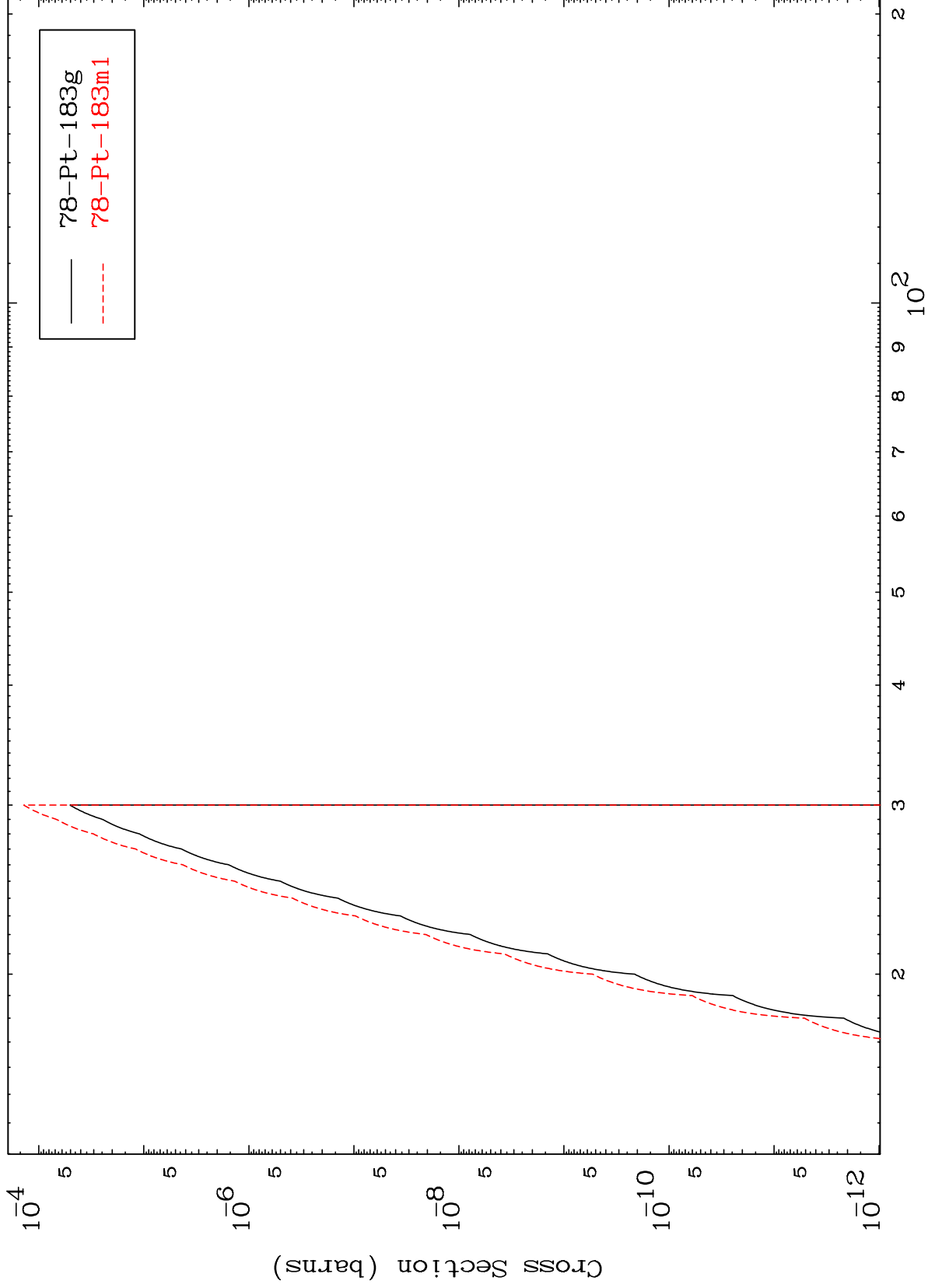
80-Hg-186

MAT 7995

(n,n') He-3

80-Hg-186

Radionuclide Production Cross Section



90

Incident Energy (MeV)

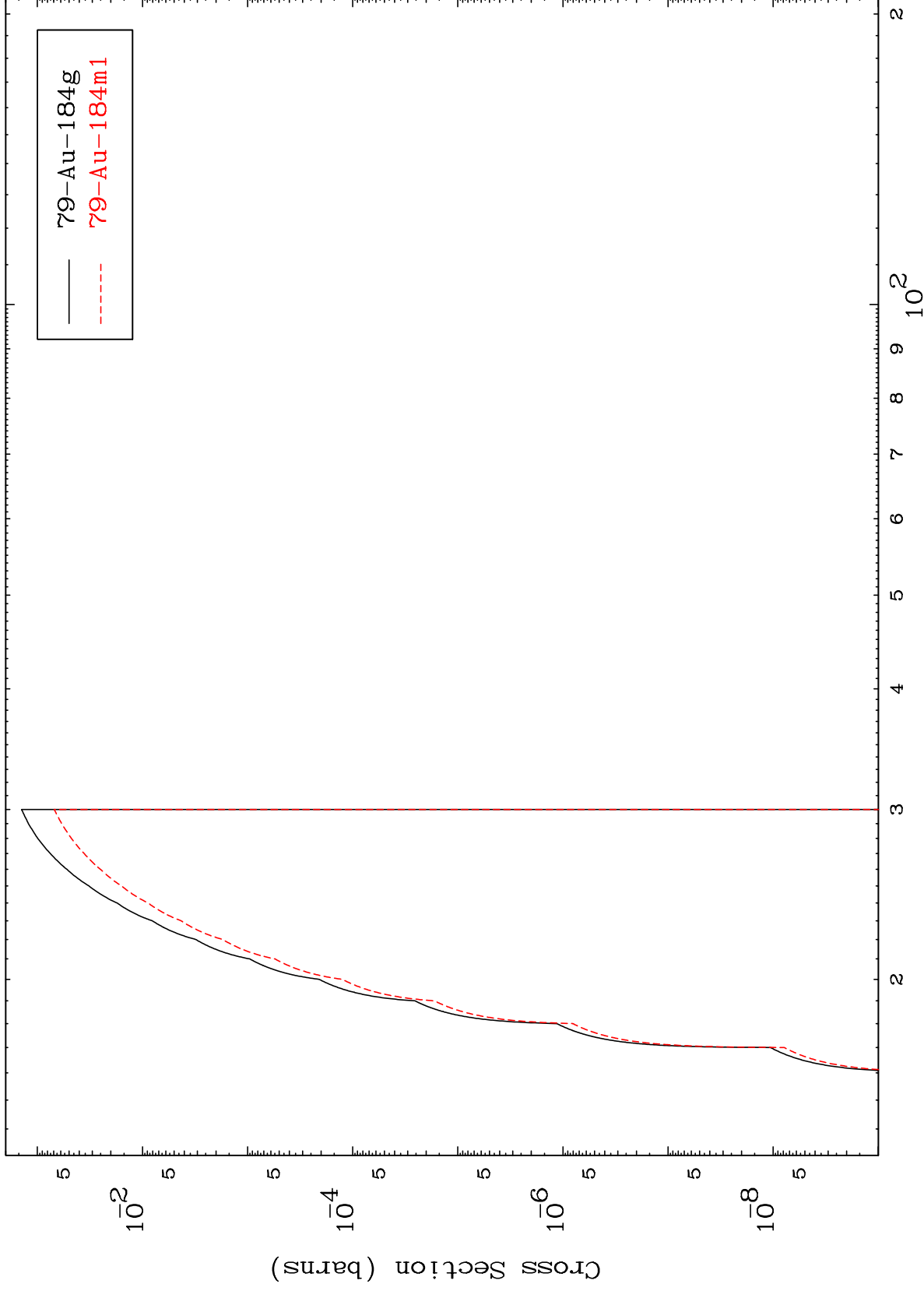
80-Hg-186

MAT 7995

(n,2n) p

80-Hg-186

Radionuclide Production Cross Section



91

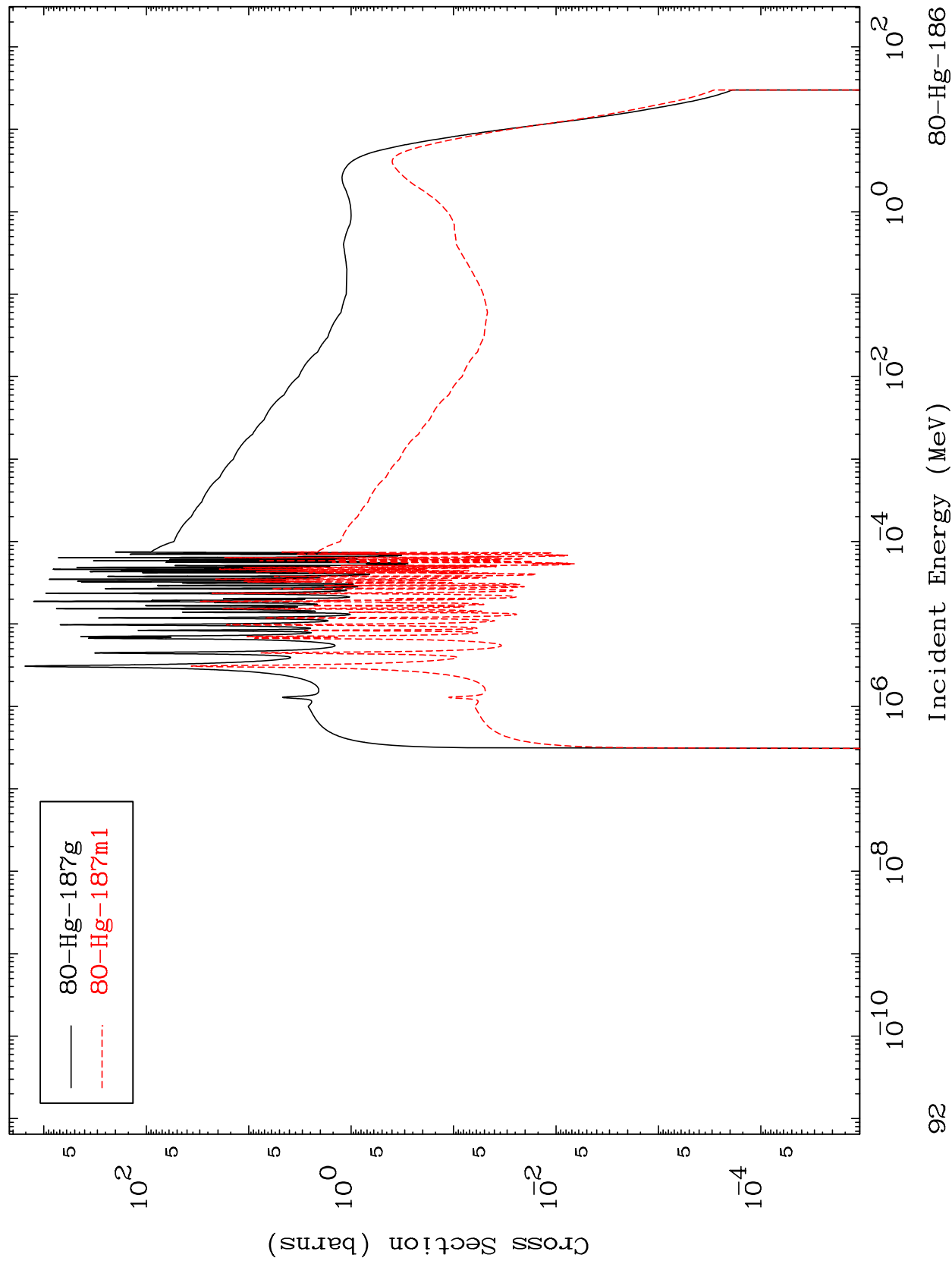
Incident Energy (MeV)

80-Hg-186

MAT 7995

80-Hg-186

Radionuclide Production Cross Section  
(n,  $\gamma$ )



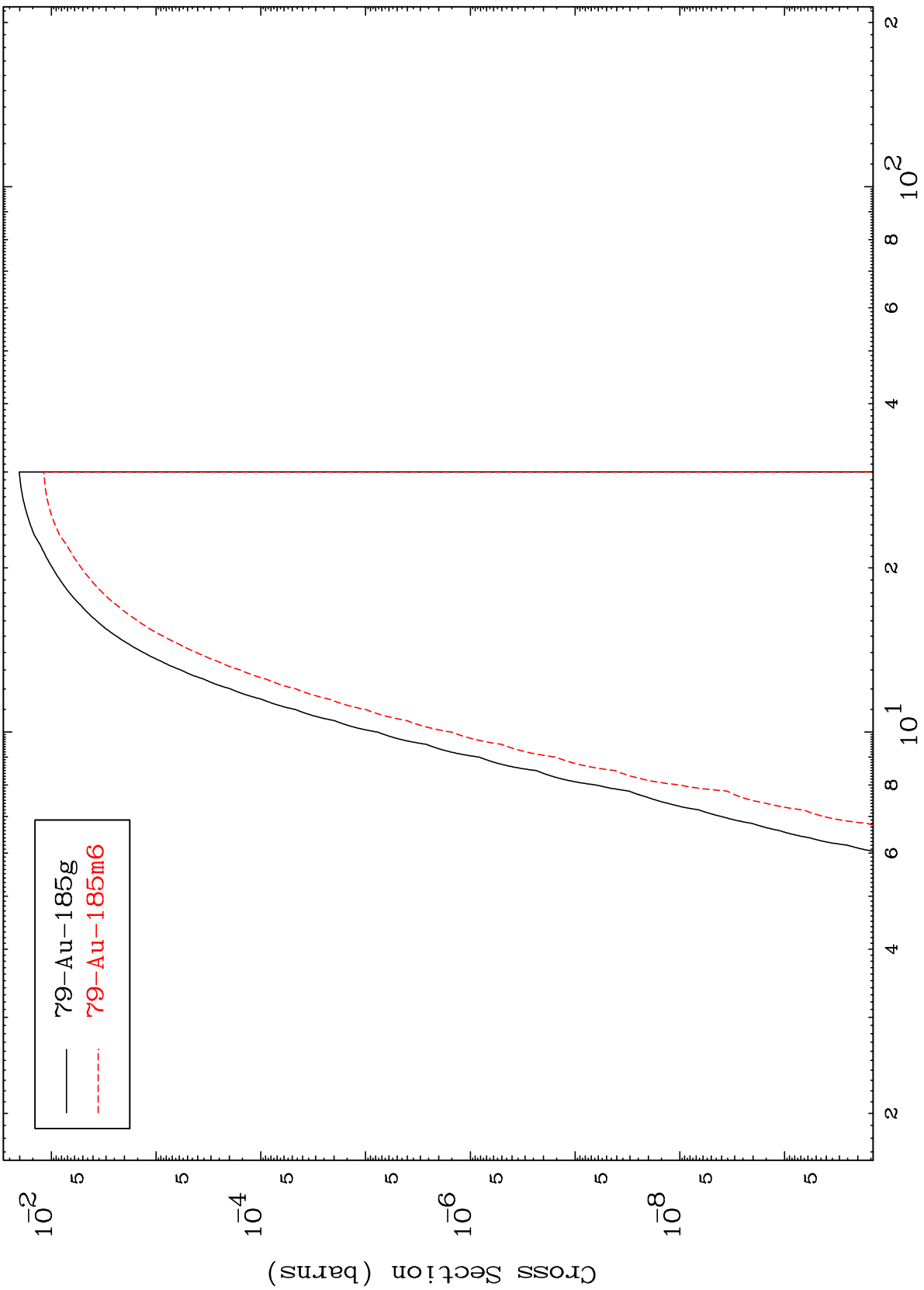
92

80-Hg-186

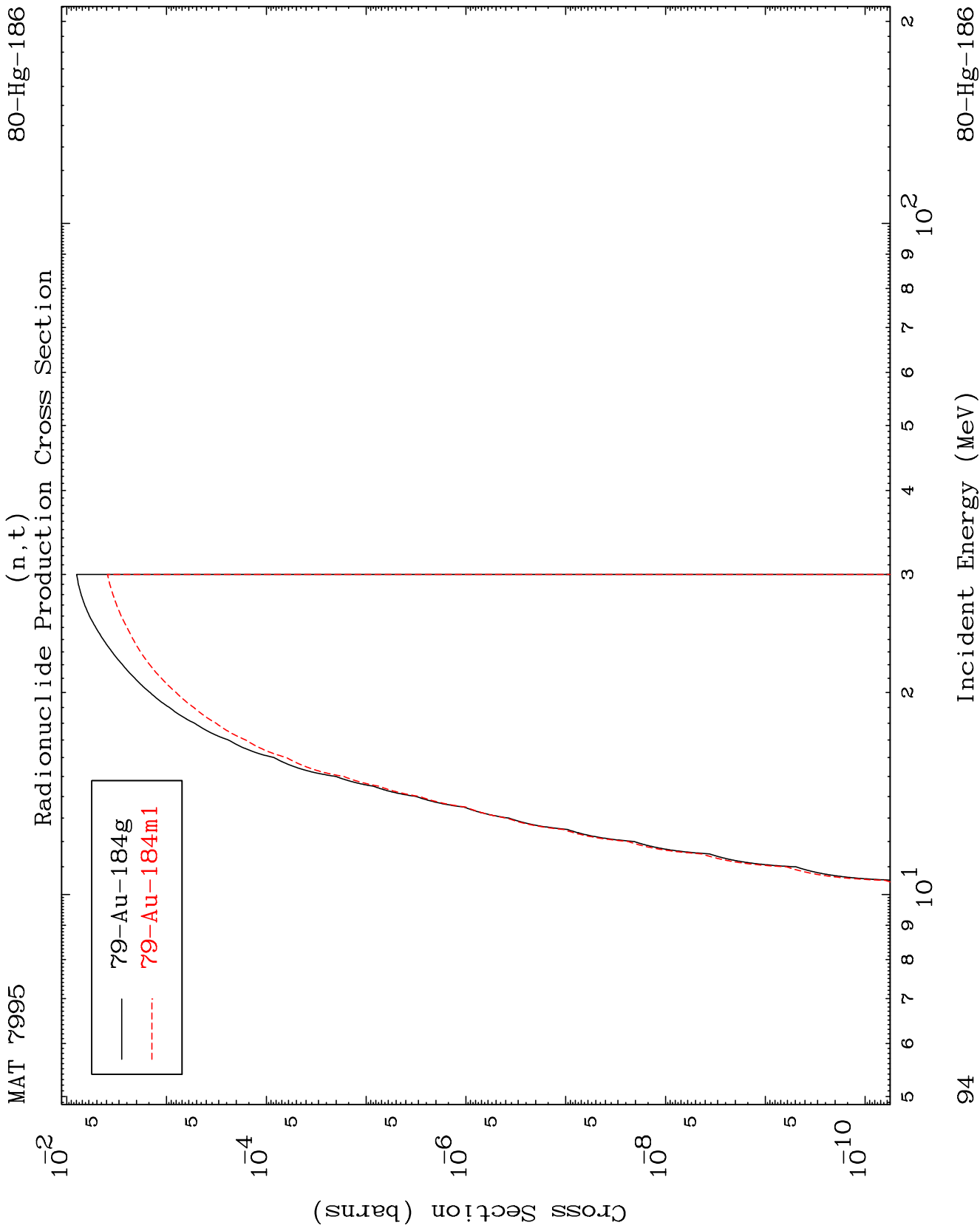
MAT 7995

80-Hg-186

(n,d)  
Radionuclide Production Cross Section



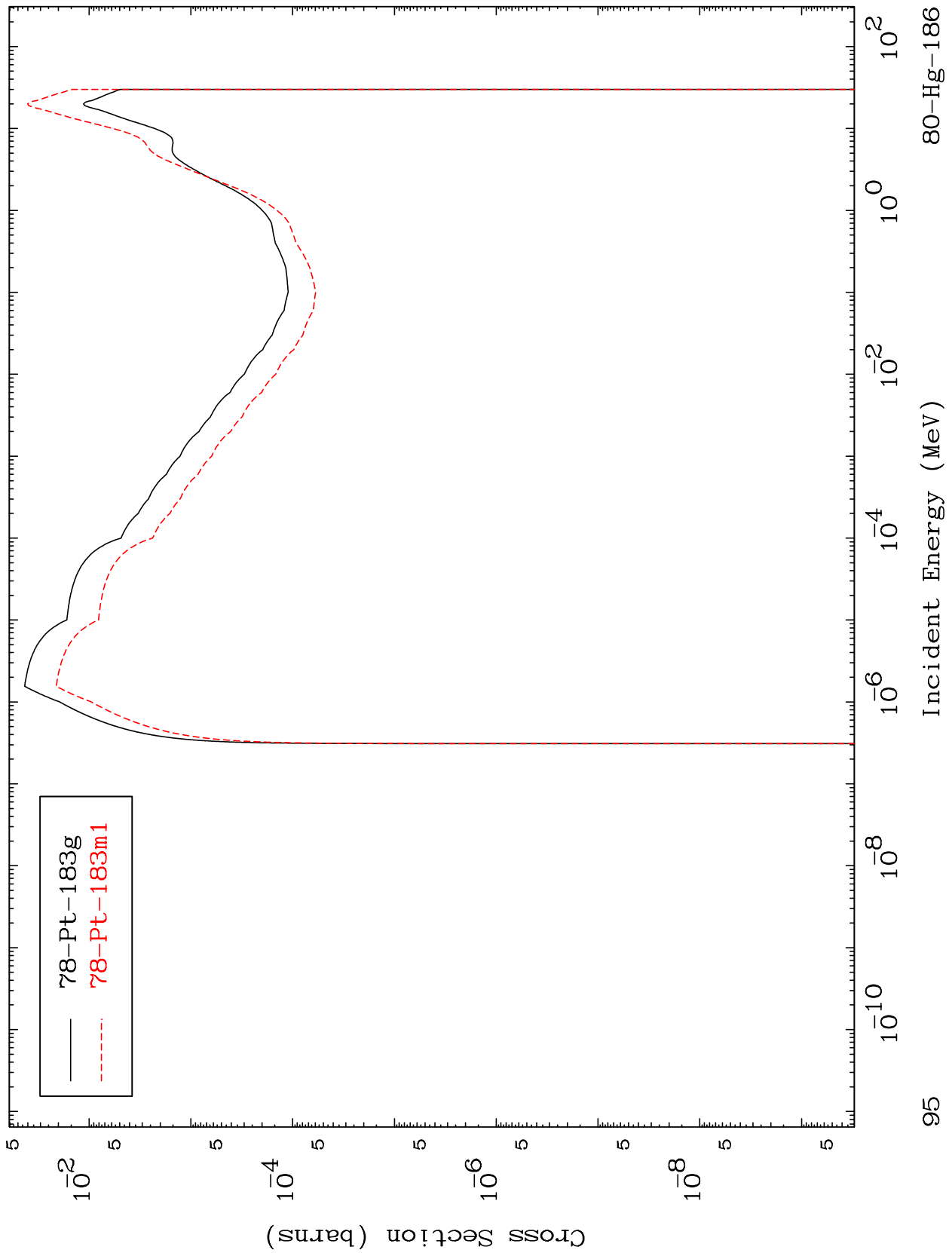
— <sup>79</sup>Au-185g  
- - - <sup>79</sup>Au-185m6



MAT 7995

80-Hg-186

Radionuclide Production Cross Section

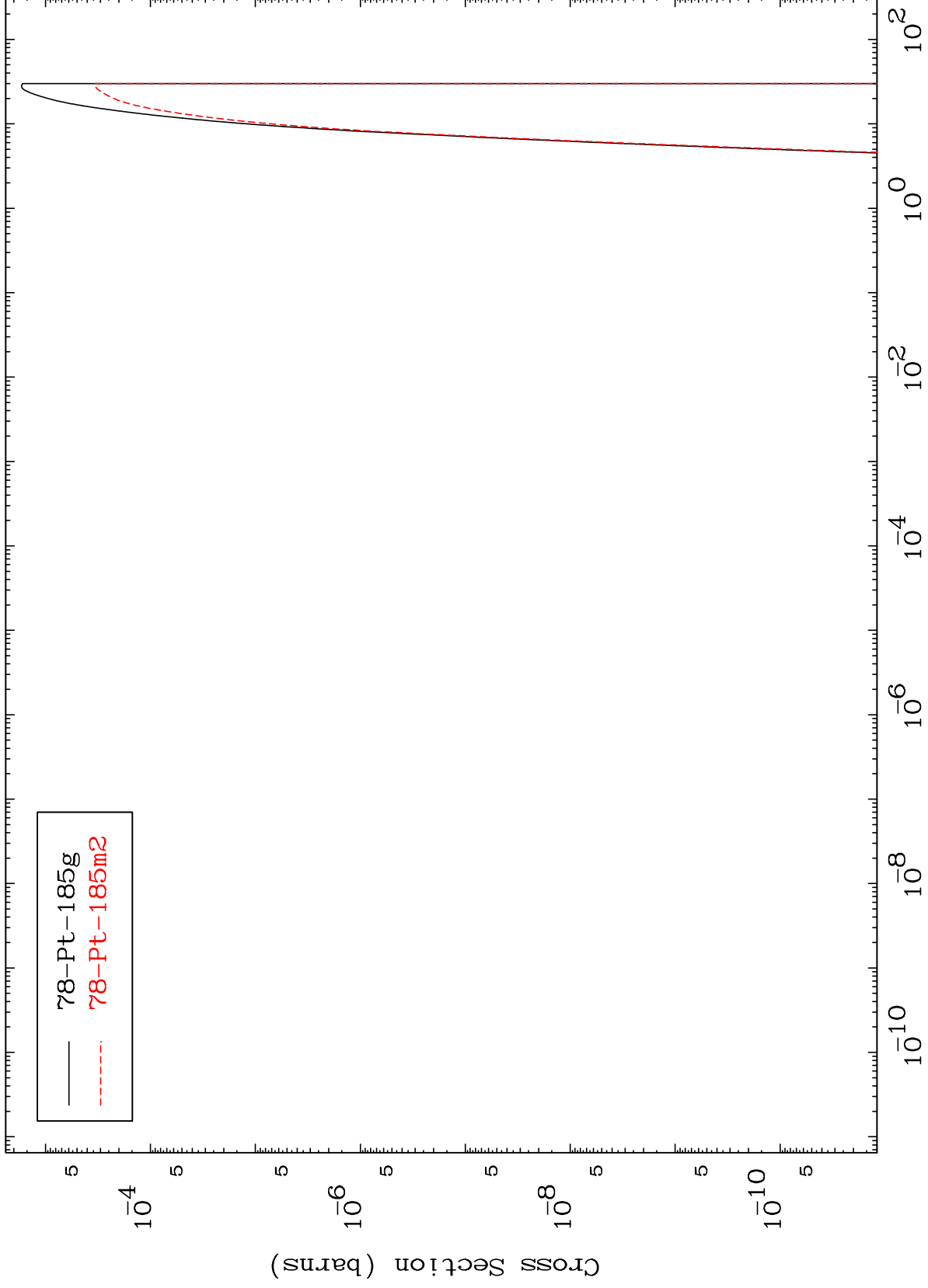


MAT 7995

(n,2p)

80-Hg-186

Radionuclide Production Cross Section



96

Incident Energy (MeV)

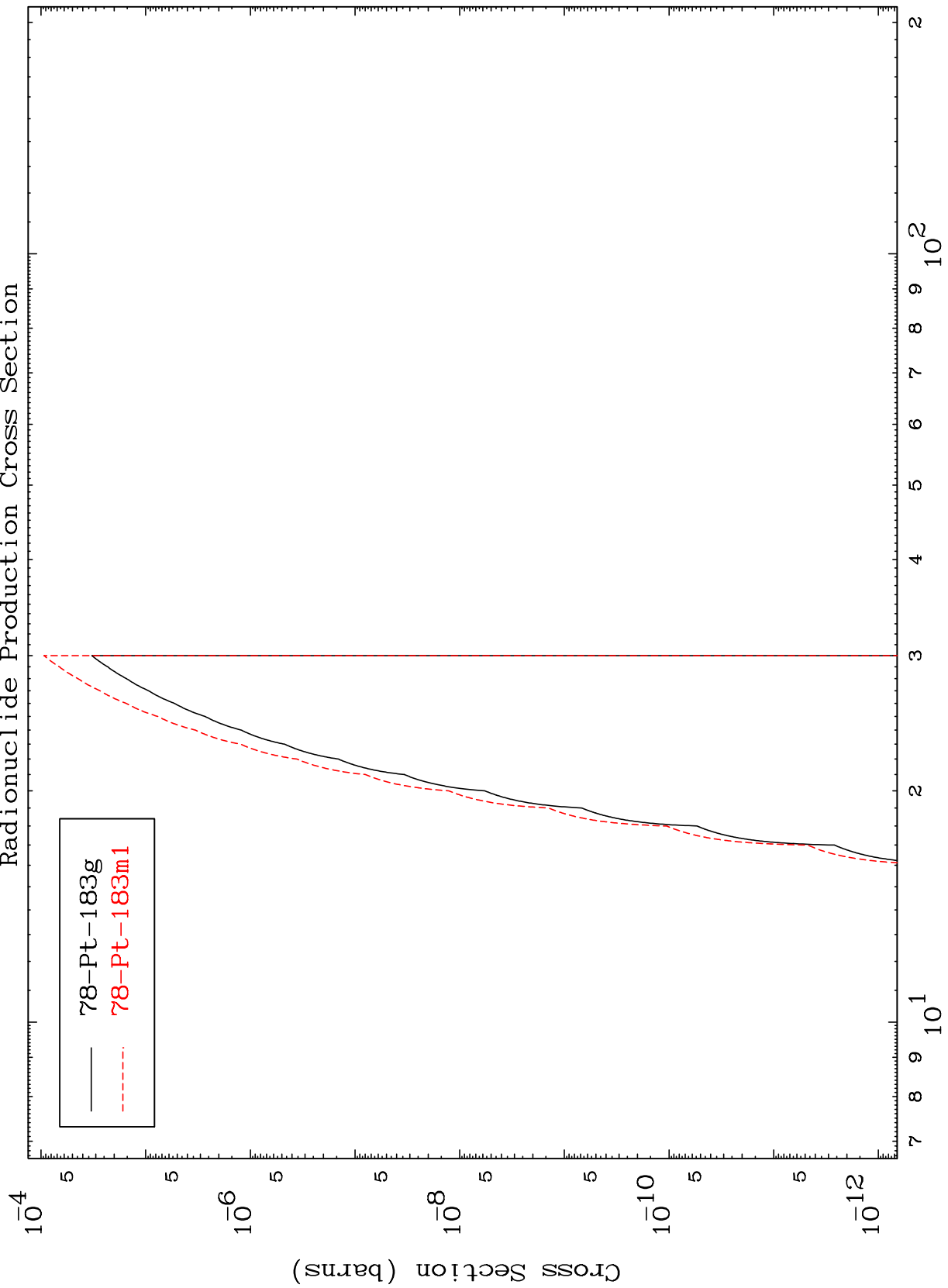
80-Hg-186

MAT 7995

(n,p) t

80-Hg-186

Radionuclide Production Cross Section



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

97

Incident Energy (MeV)

80-Hg-186