

Program EVALPLOT
(Version 2021-1)

by

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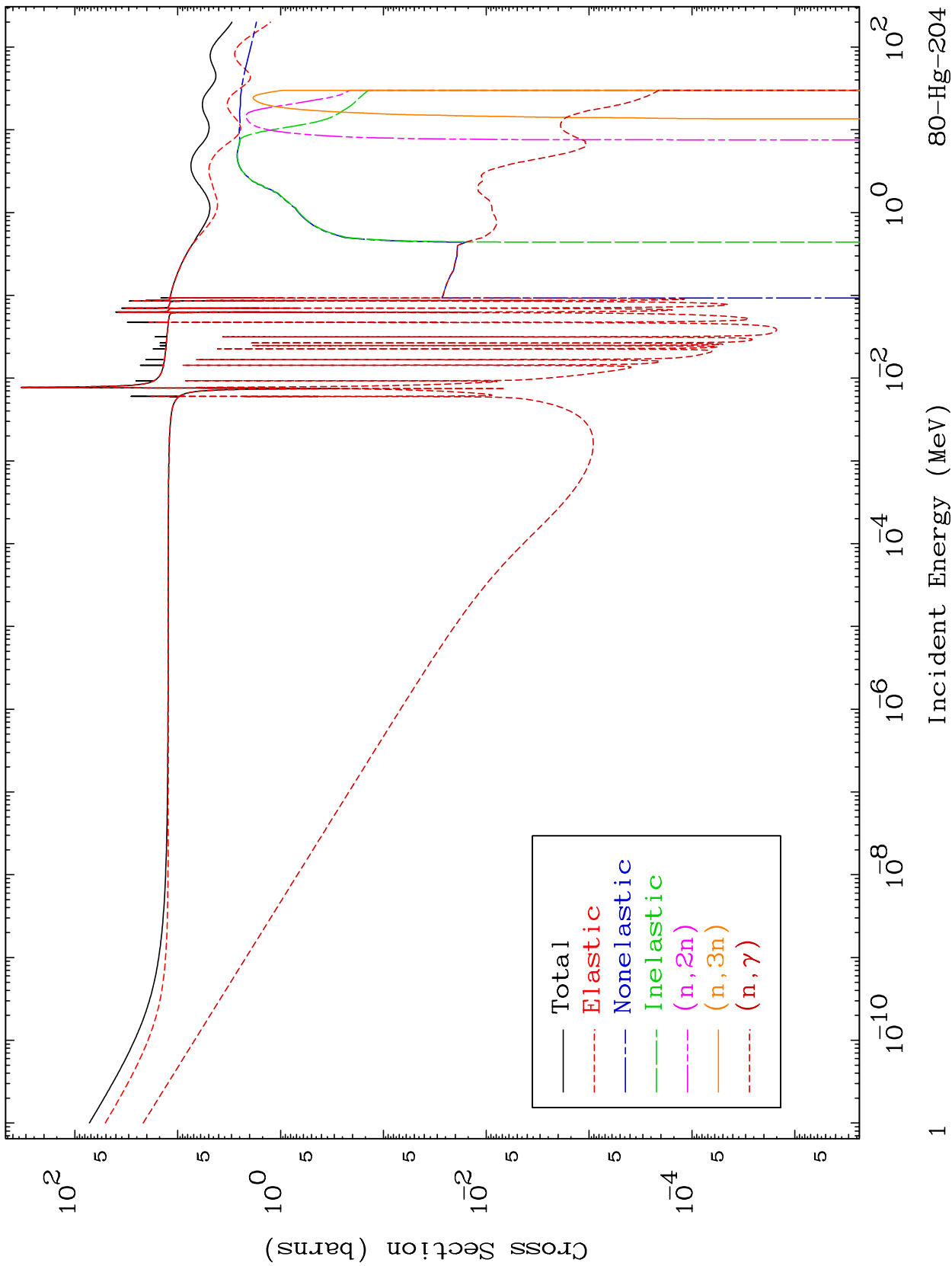
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8049

Neutron Major
293 Kelvin Cross Sections

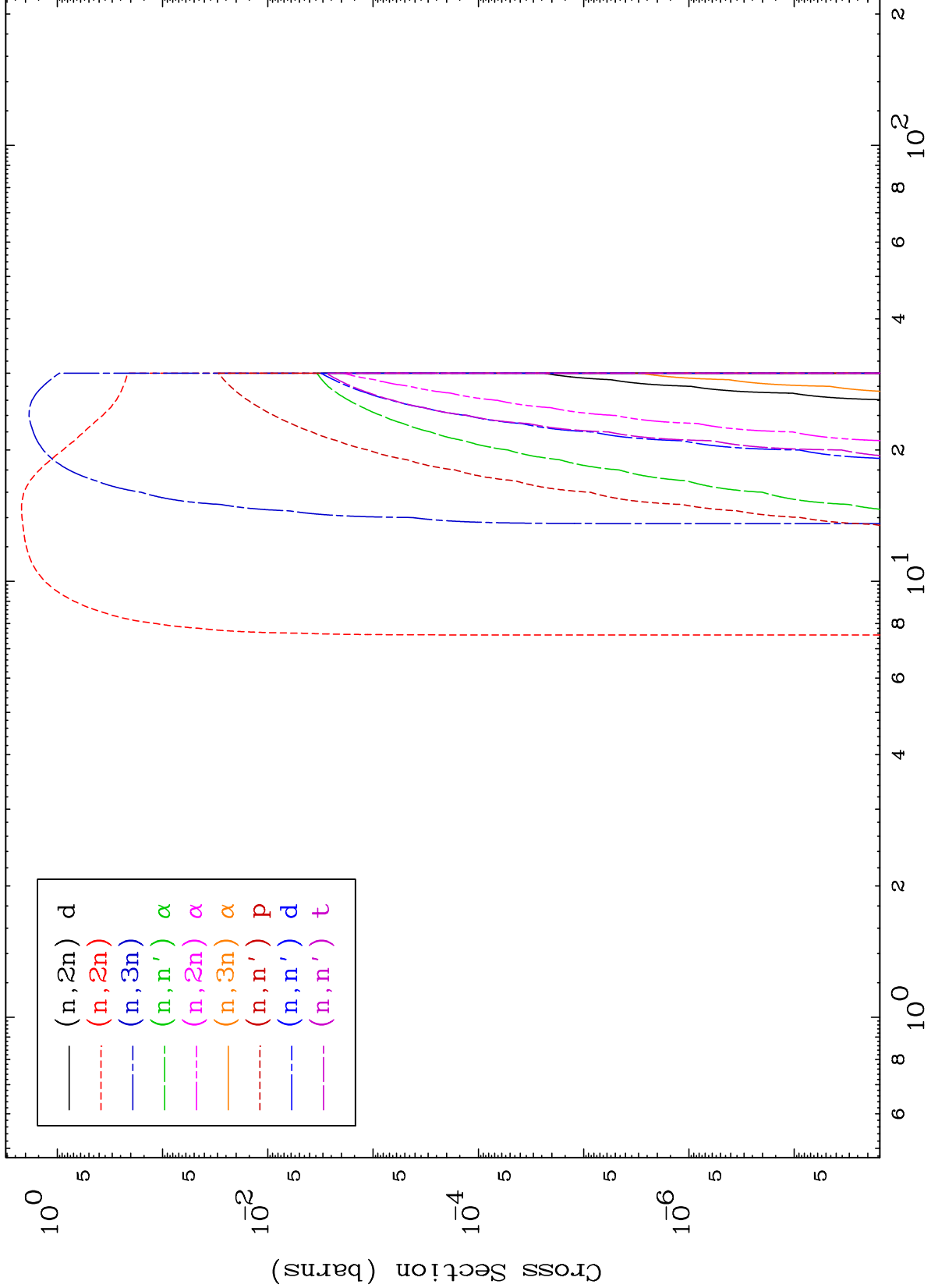
80-Hg-204



MAT 8049

Neutron Absorption
293 Kelvin Cross Sections

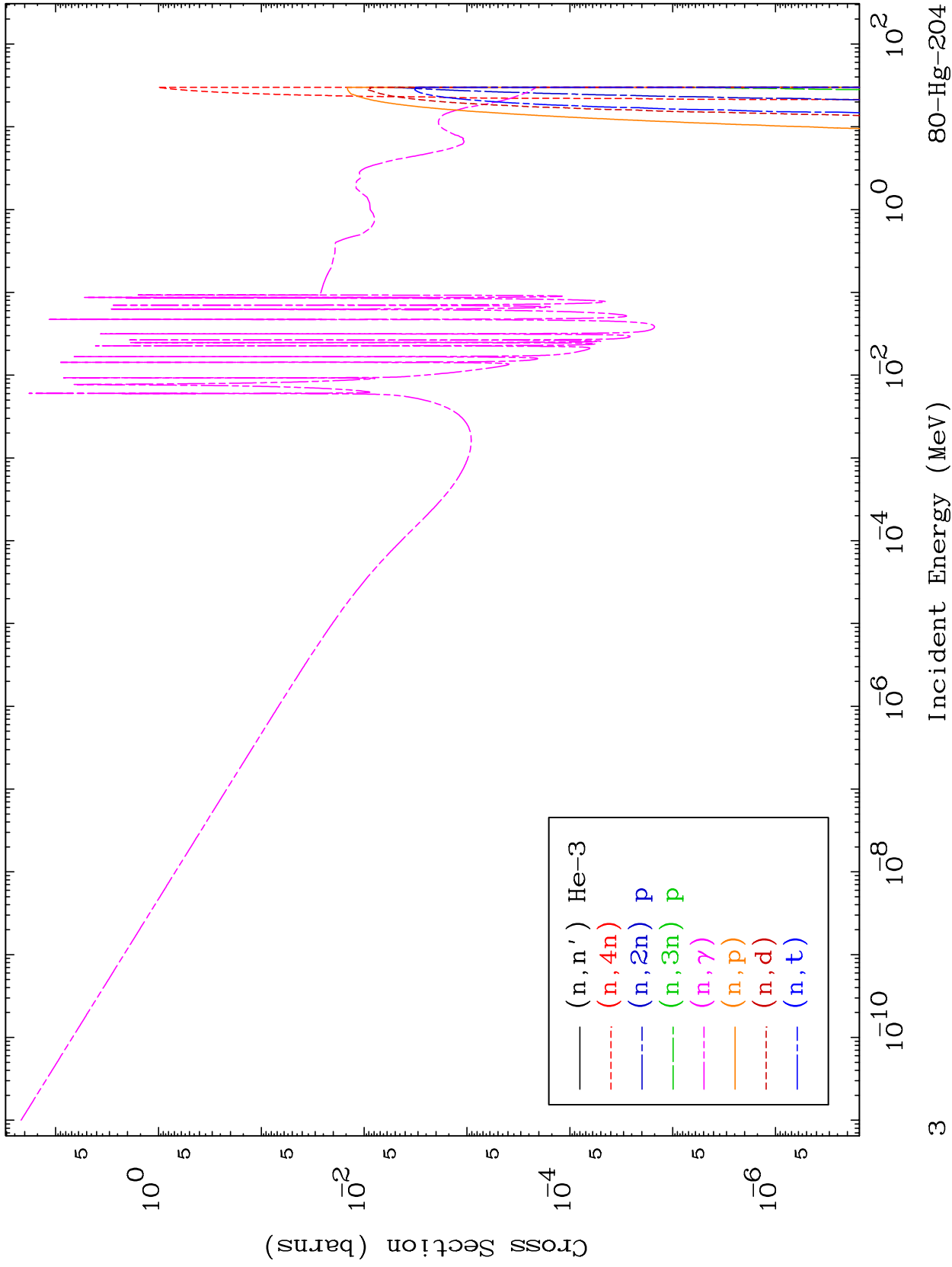
80-Hg-204



MAT 8049

Neutron Absorption
293 Kelvin Cross Sections

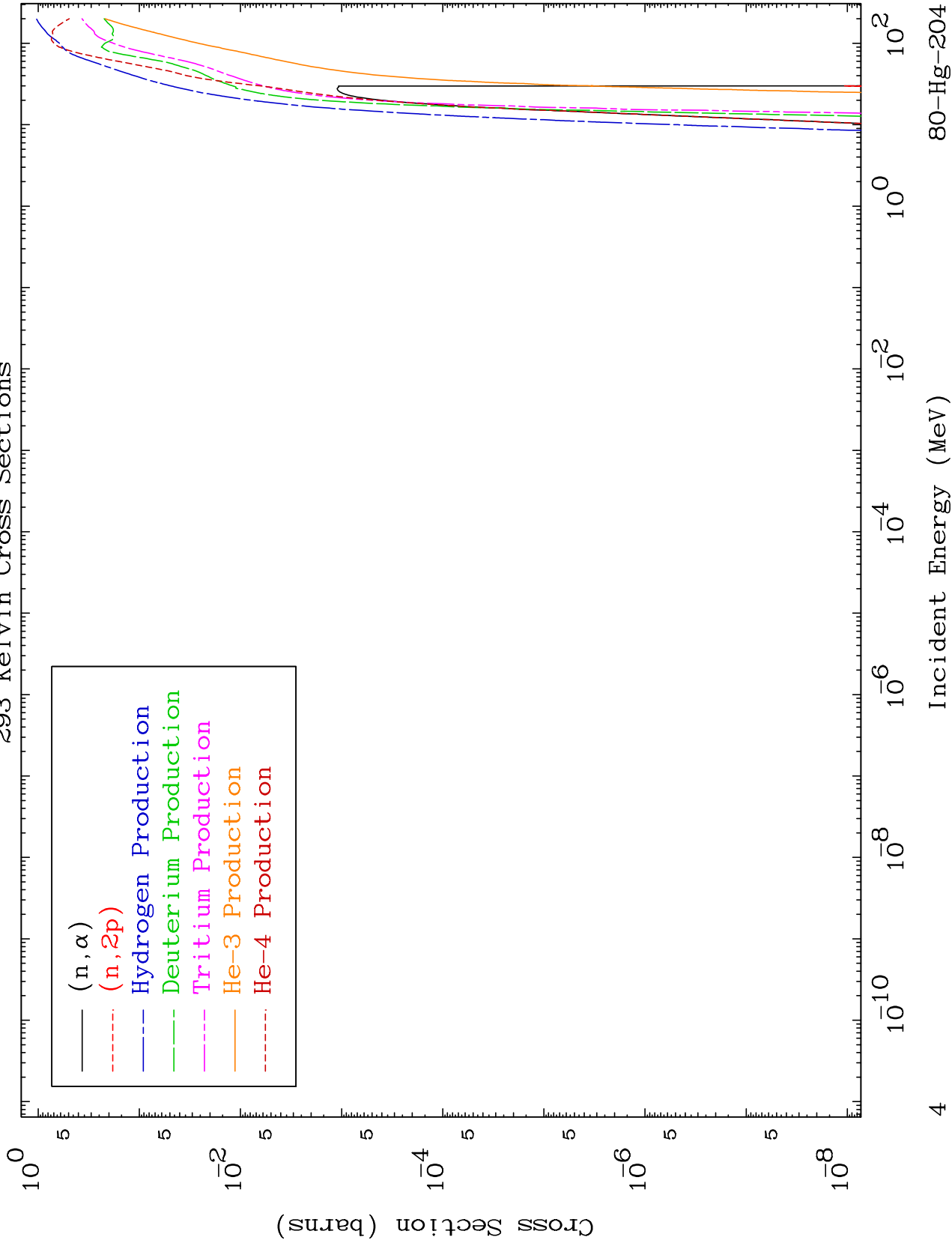
80-Hg-204



MAT 8049

Neutron Absorption
293 Kelvin Cross Sections

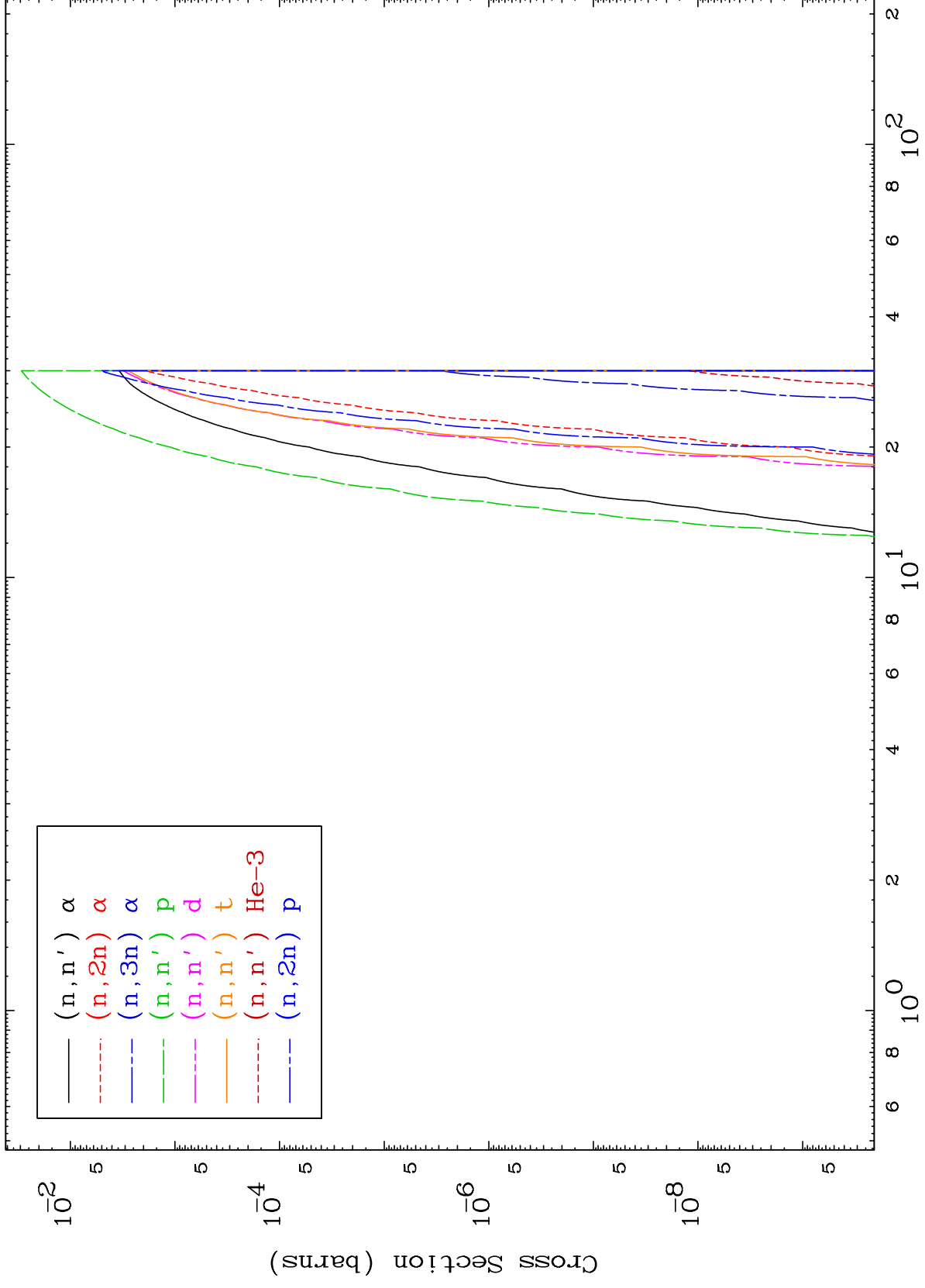
80-Hg-204



MAT 8049

Charged Particle
293 Kelvin Cross Sections

80-Hg-204



5

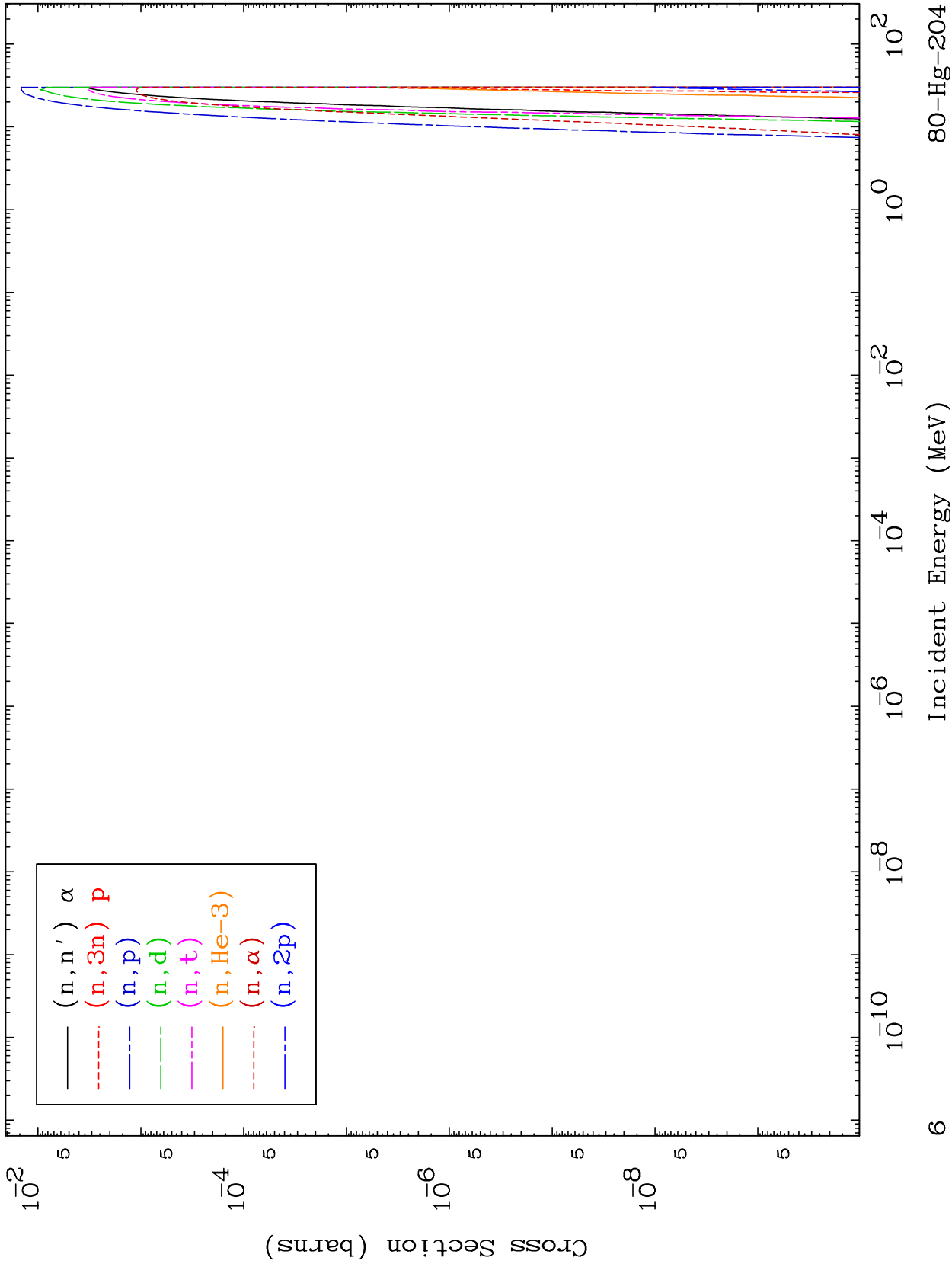
Incident Energy (MeV)

80-Hg-204

MAT 8049

Charged Particle
293 Kelvin Cross Sections

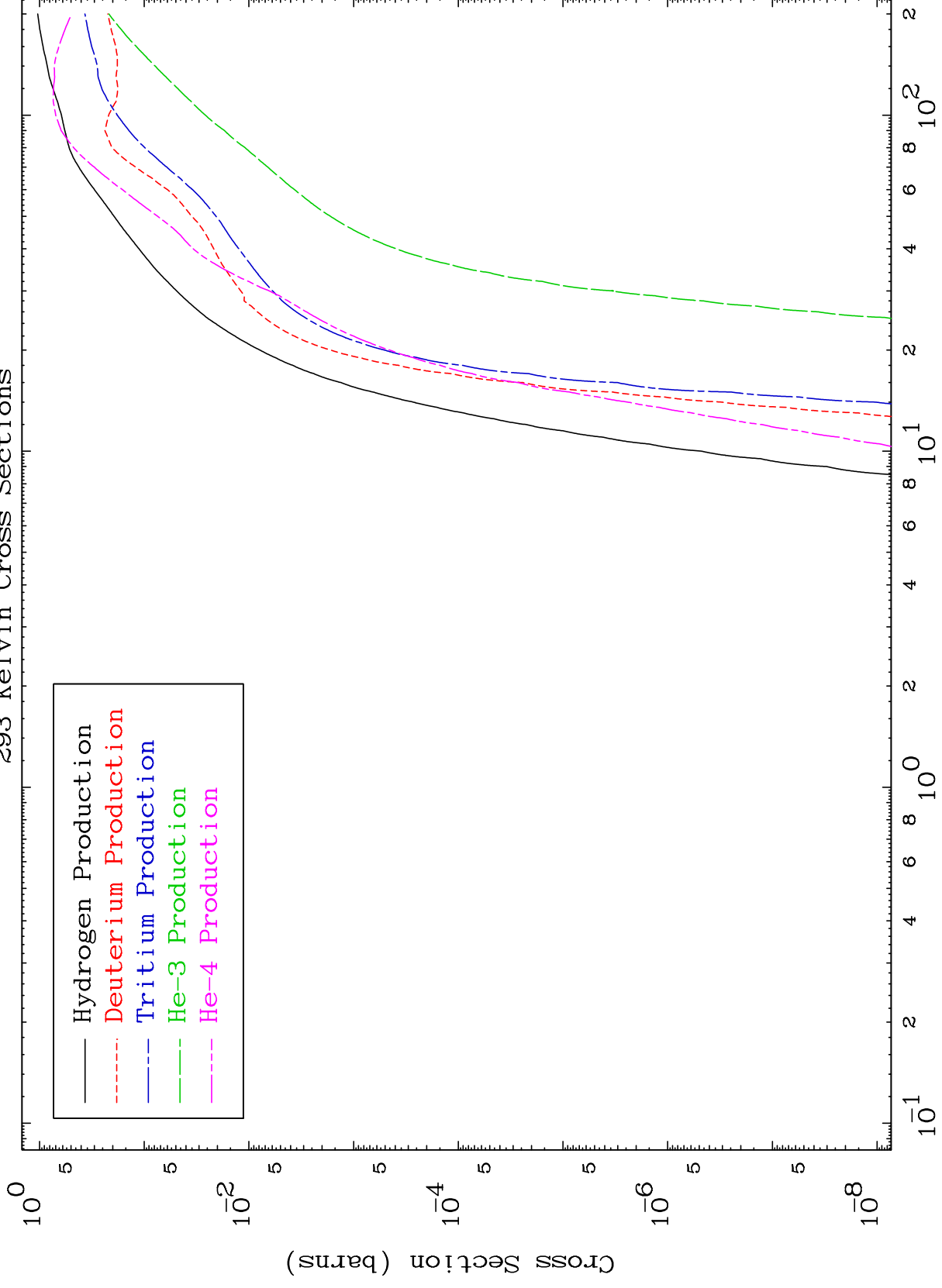
80-Hg-204



MAT 8049

Particle Production
293 Kelvin Cross Sections

80-Hg-204



80-Hg-204

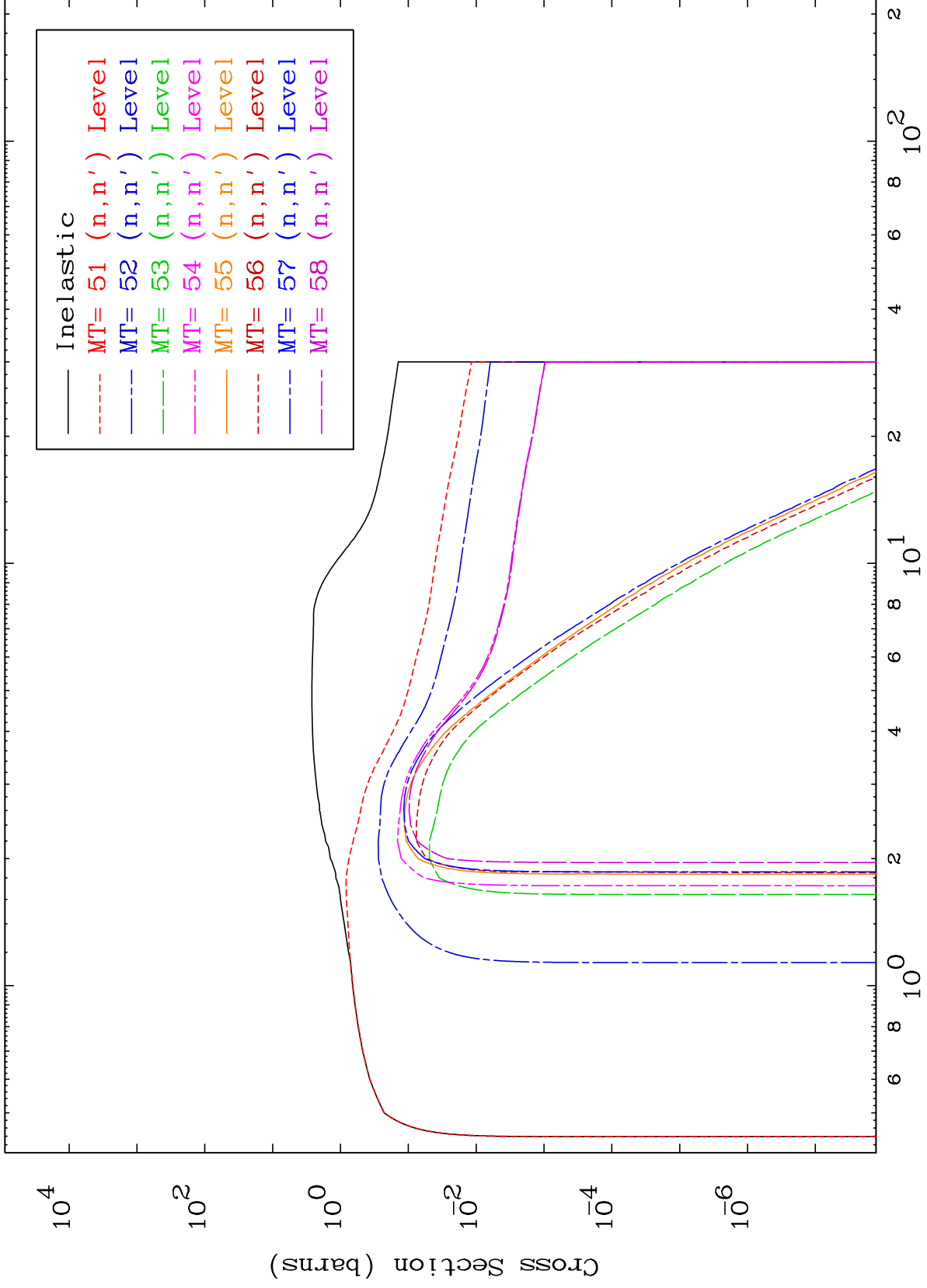
Incident Energy (MeV)

7

MAT 8049

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-204



8

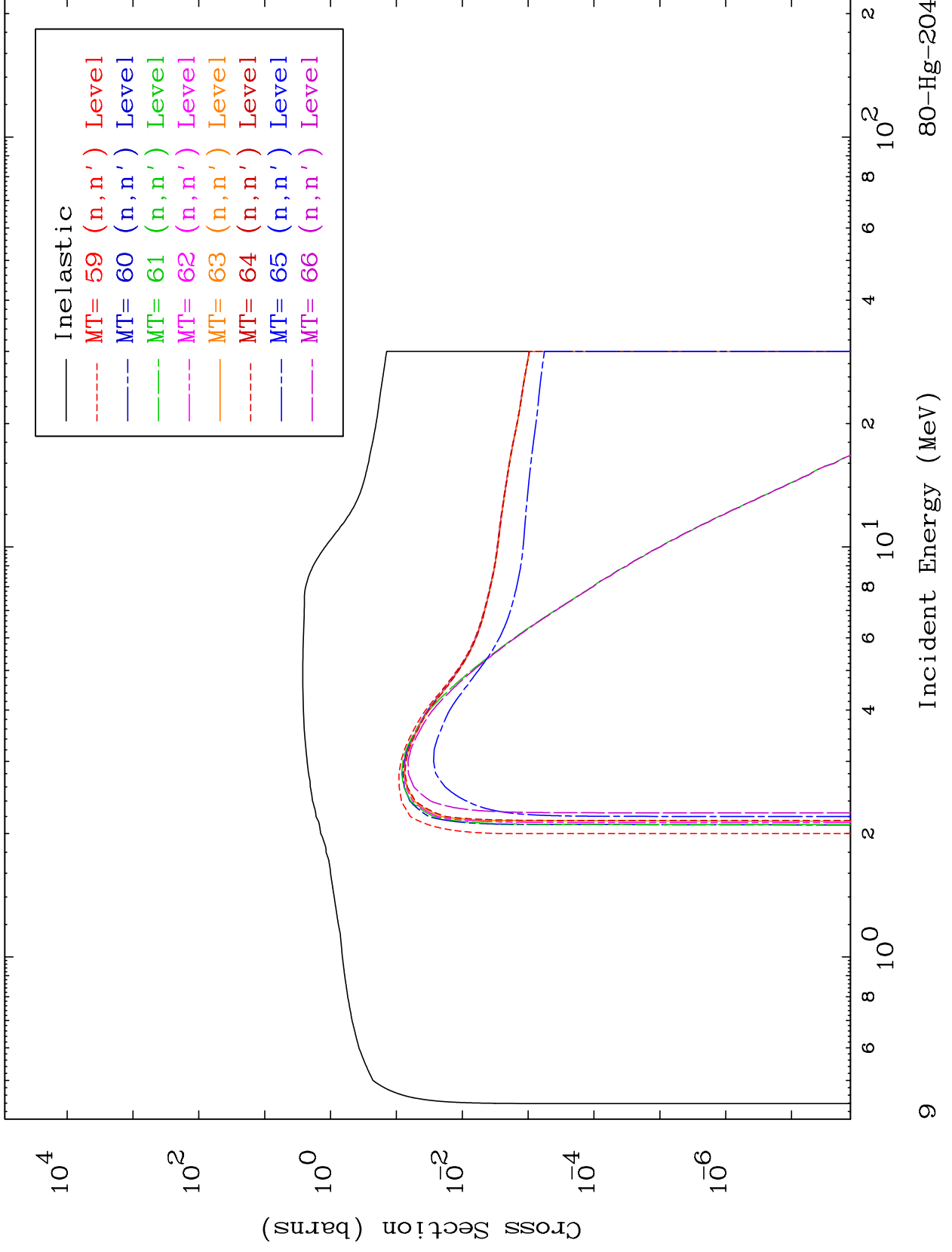
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,n') Levels
293 Kelvin Cross Sections

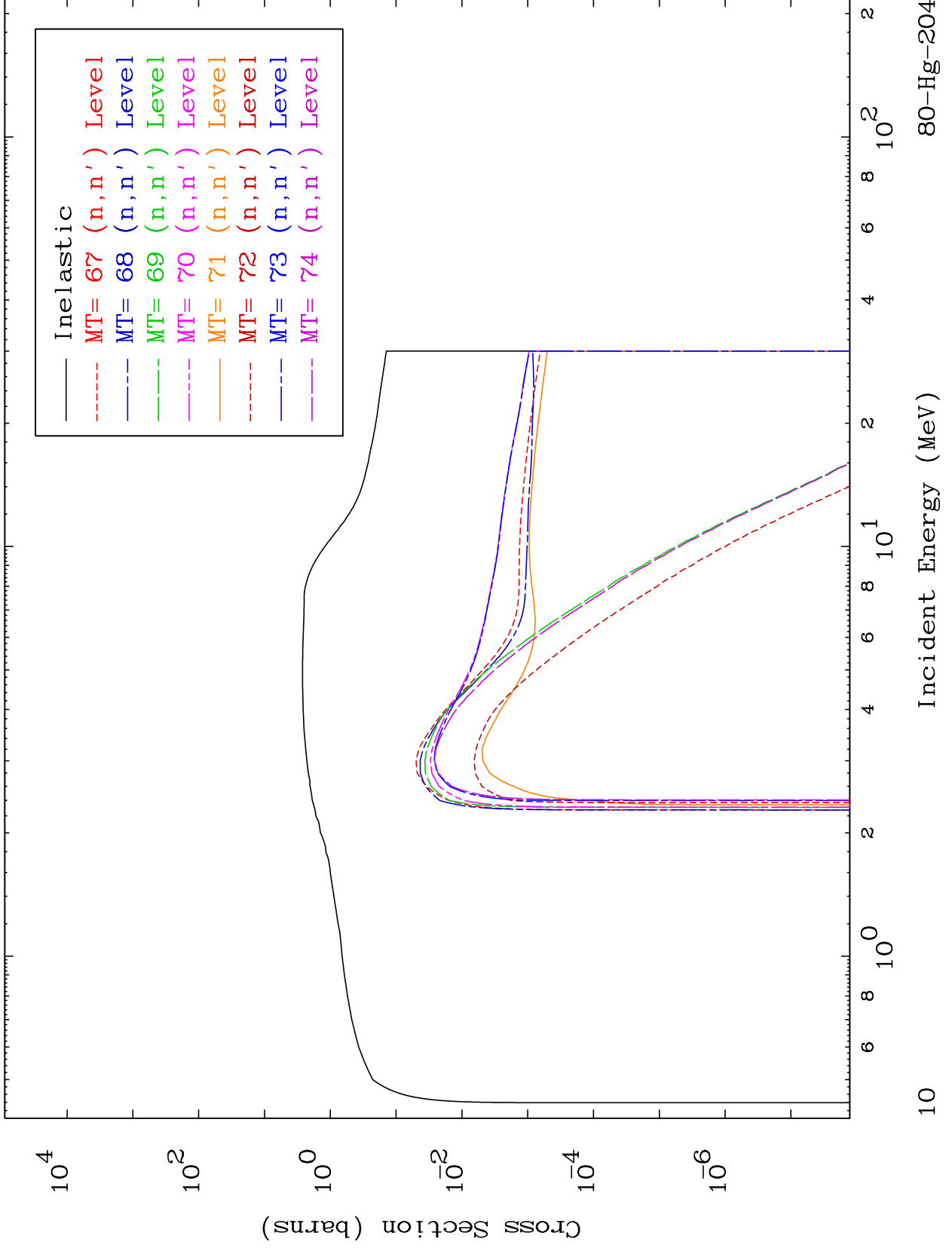
80-Hg-204



MAT 8049

(n,n') Levels
293 Kelvin Cross Sections

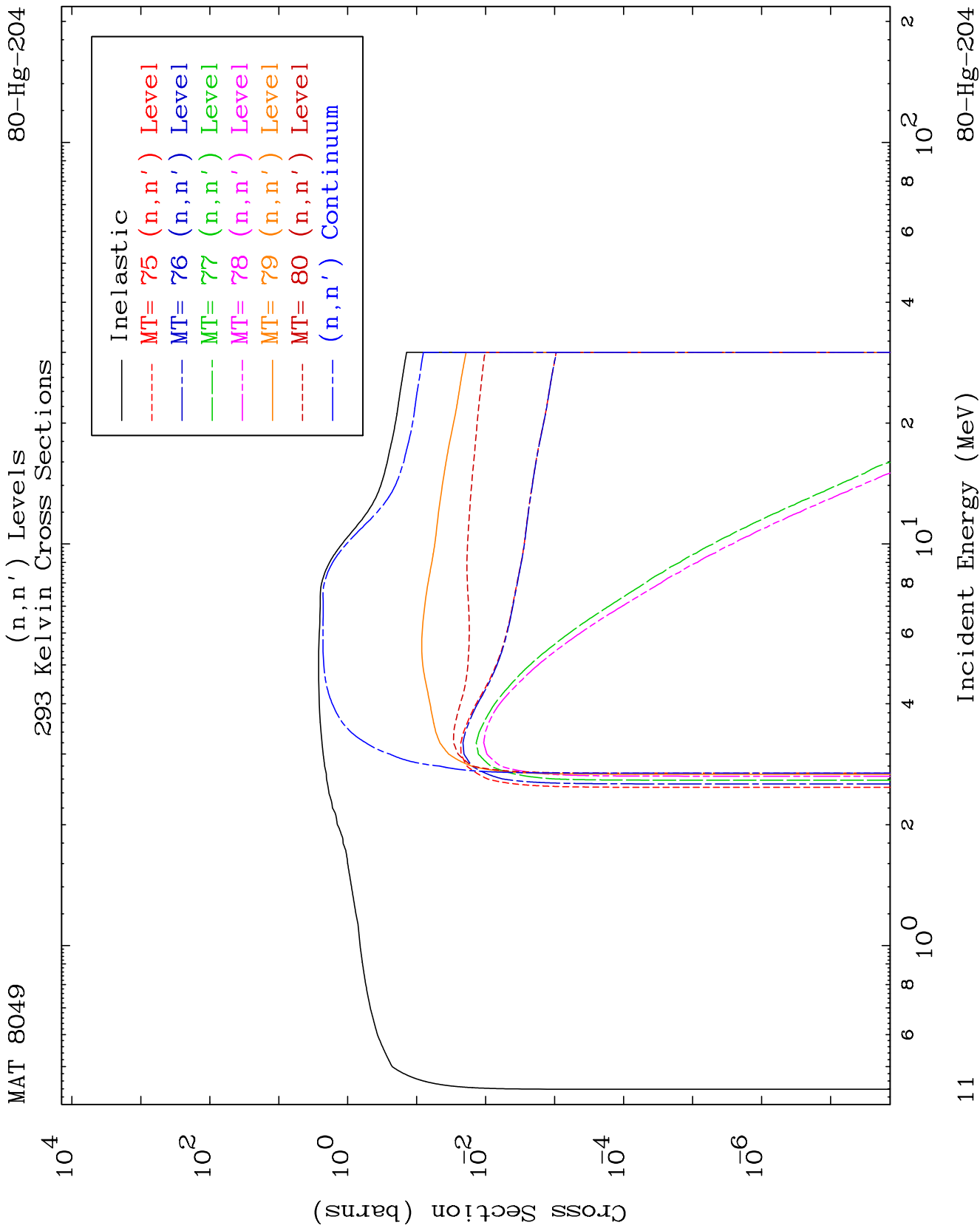
80-Hg-204



10

Incident Energy (MeV)

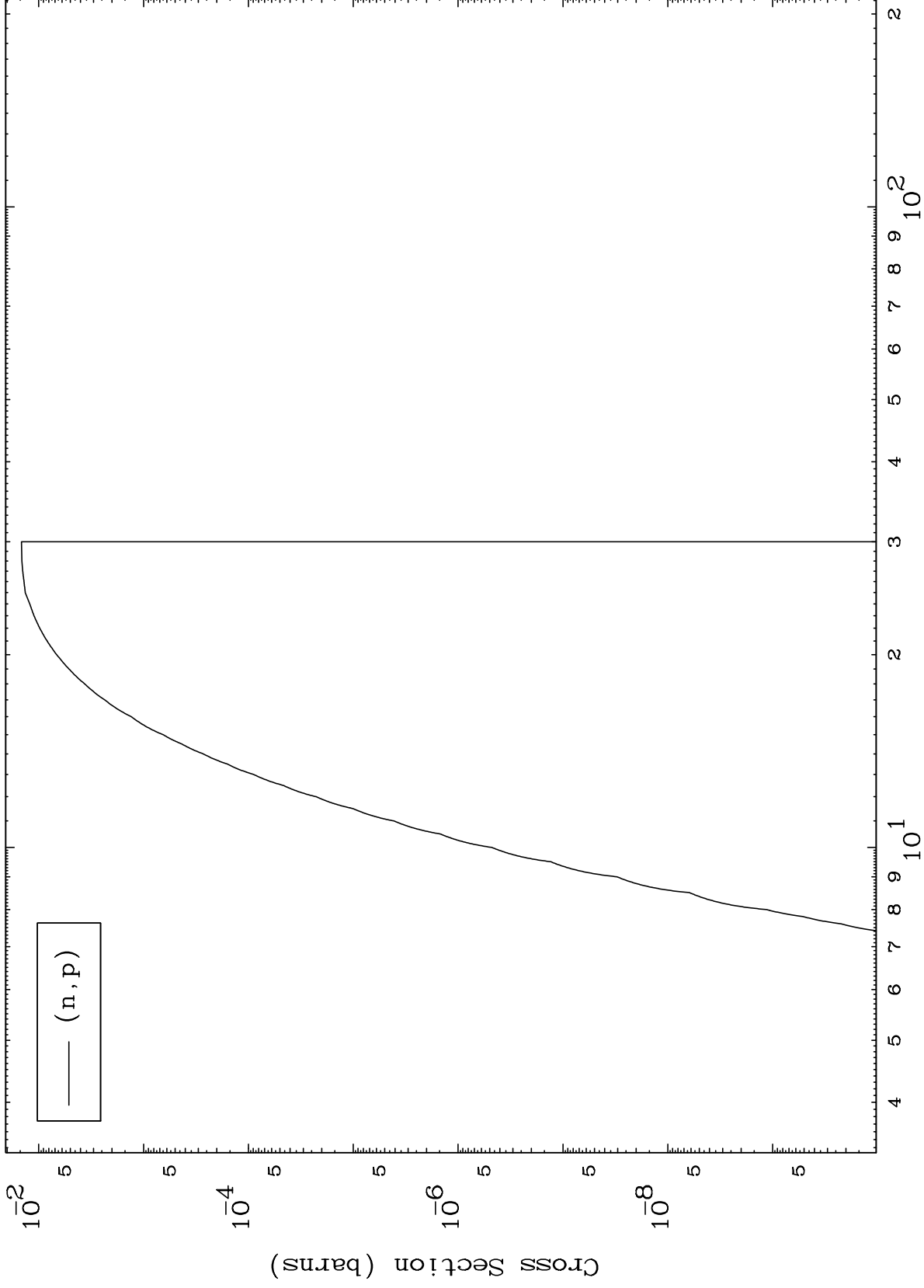
80-Hg-204



MAT 8049

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-204



12

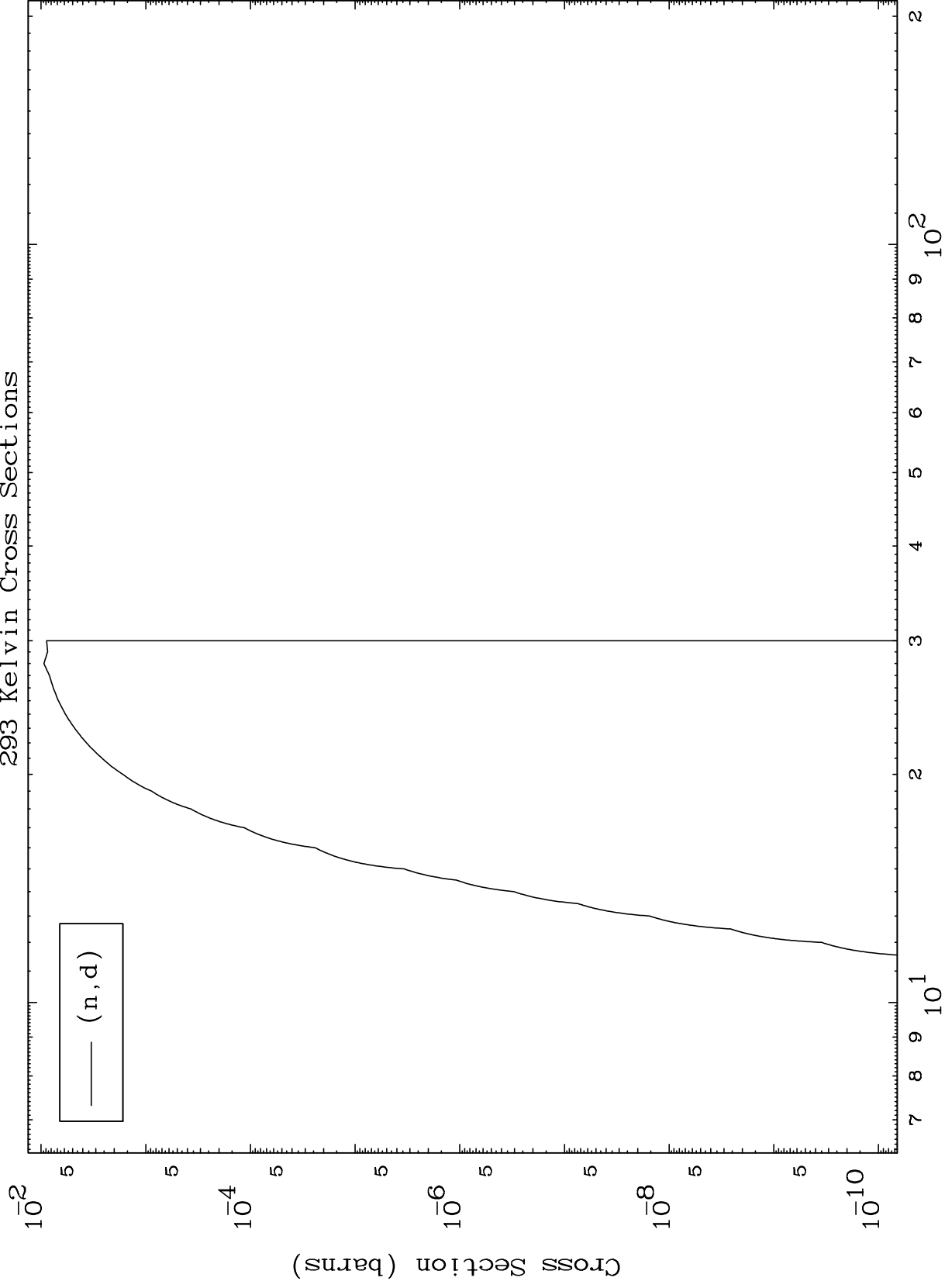
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-204



13

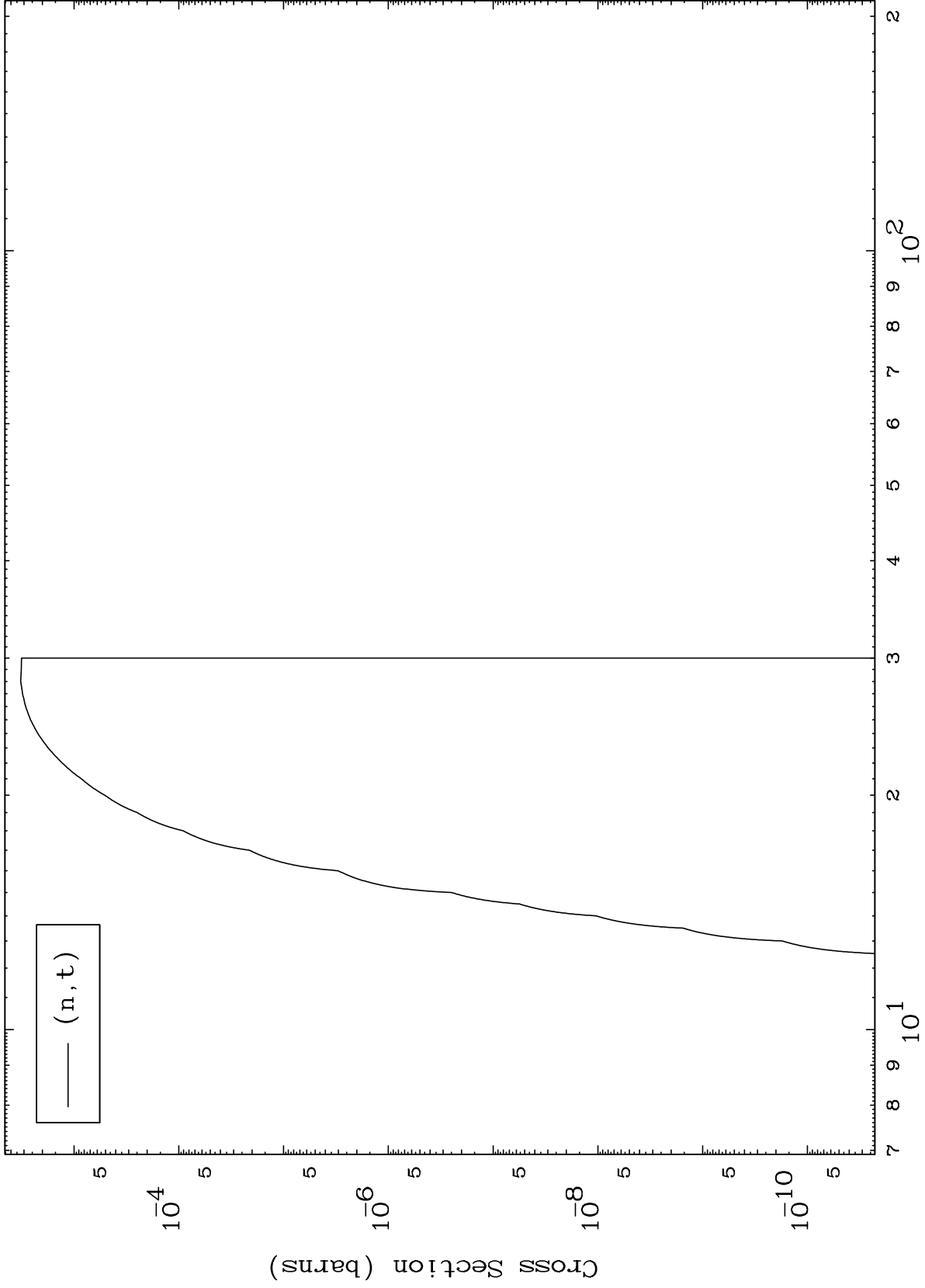
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-204



14

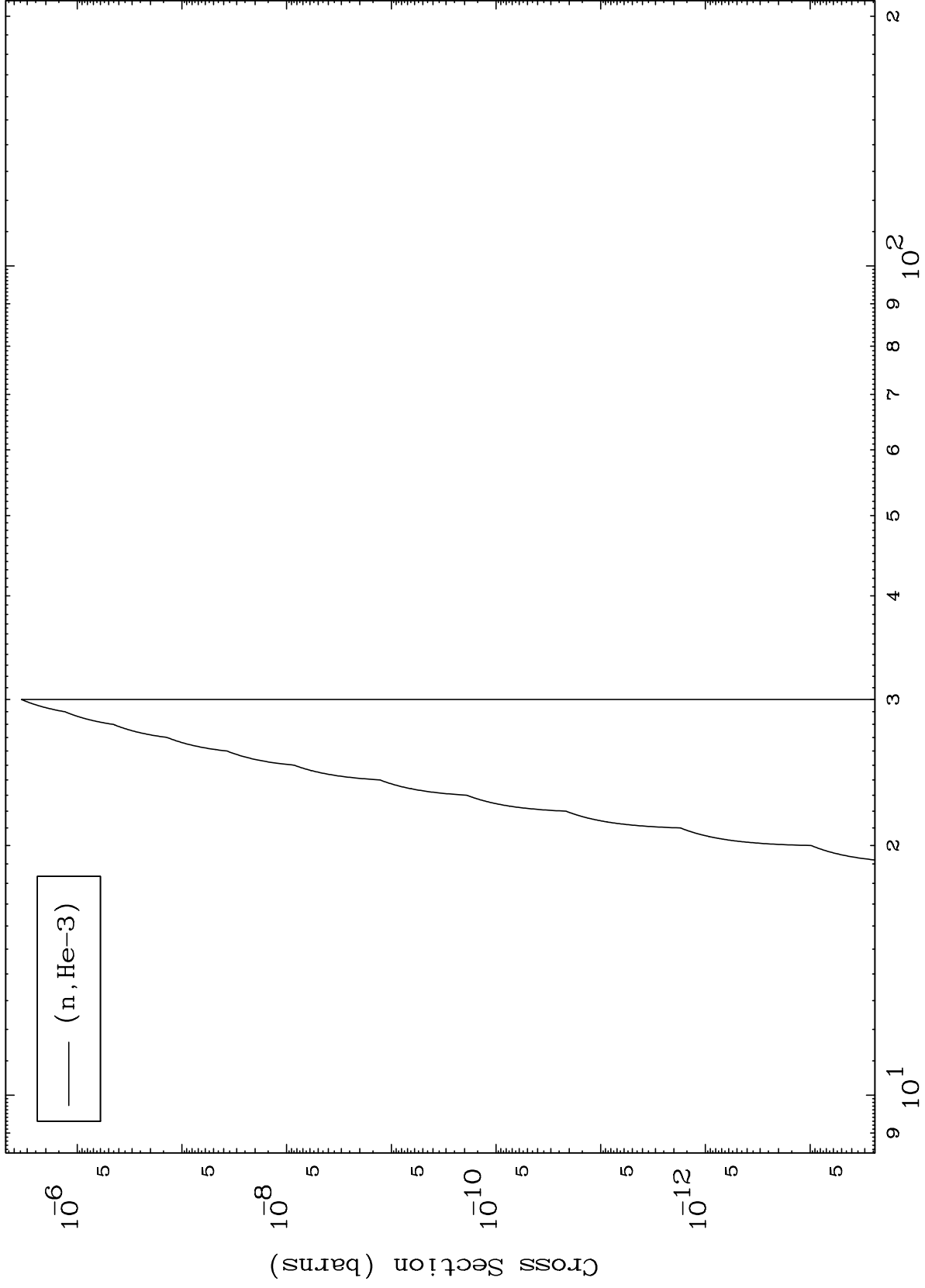
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-204



15

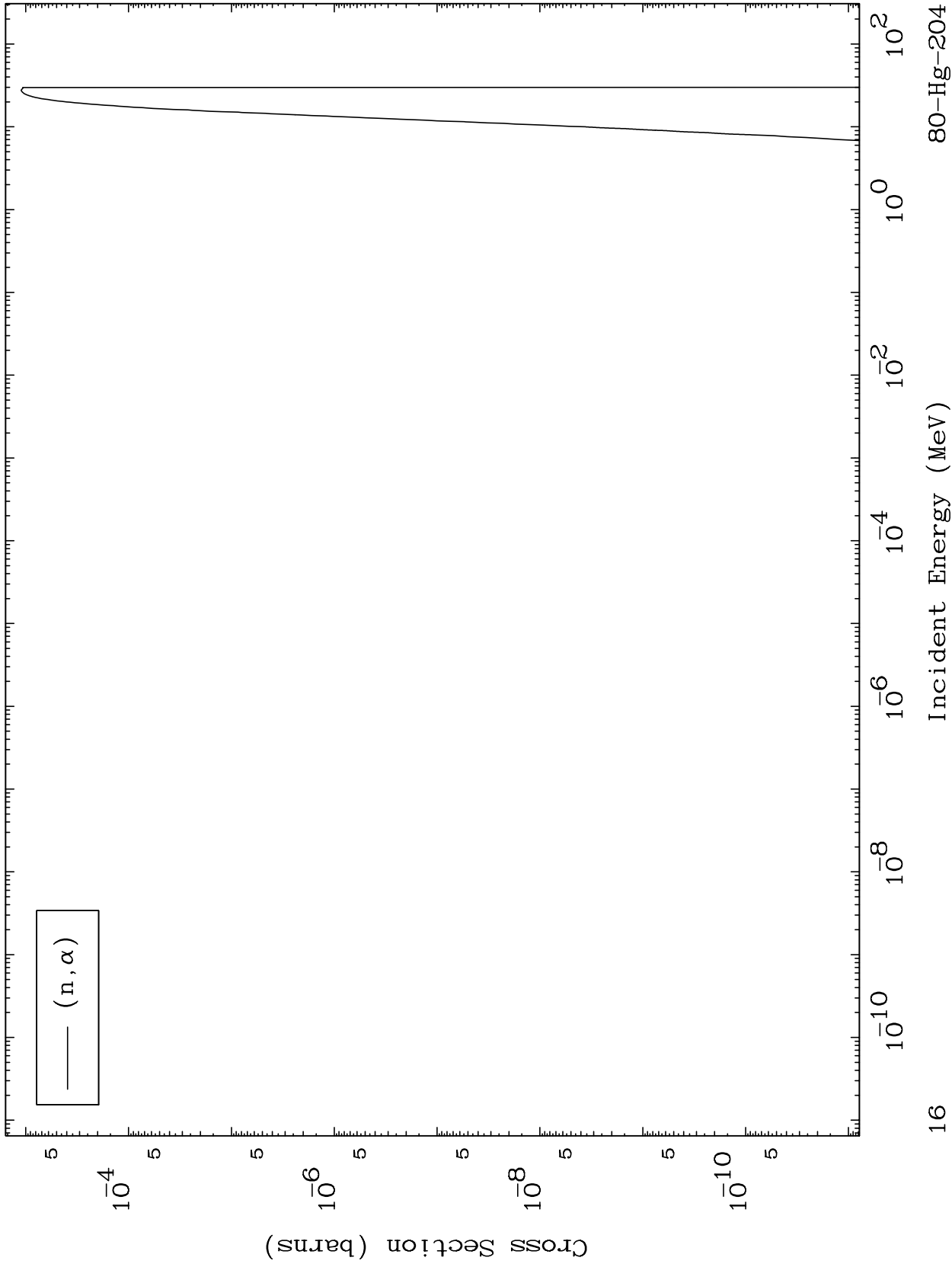
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n, α) Levels
293 Kelvin Cross Sections

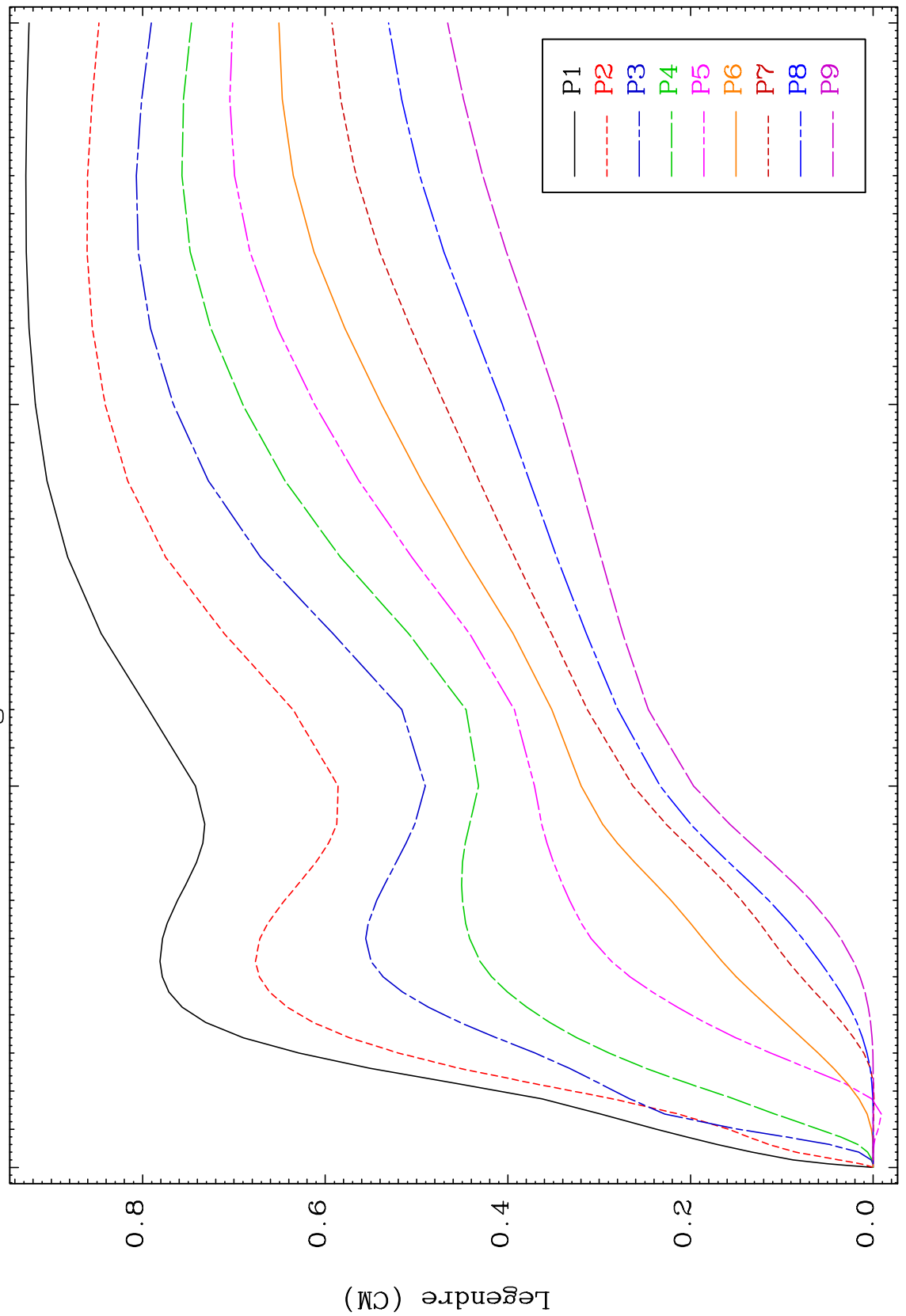
80-Hg-204



MAT 8049

Elastic Legendre Coefficients

80-Hg-204



30

20

10

0

17

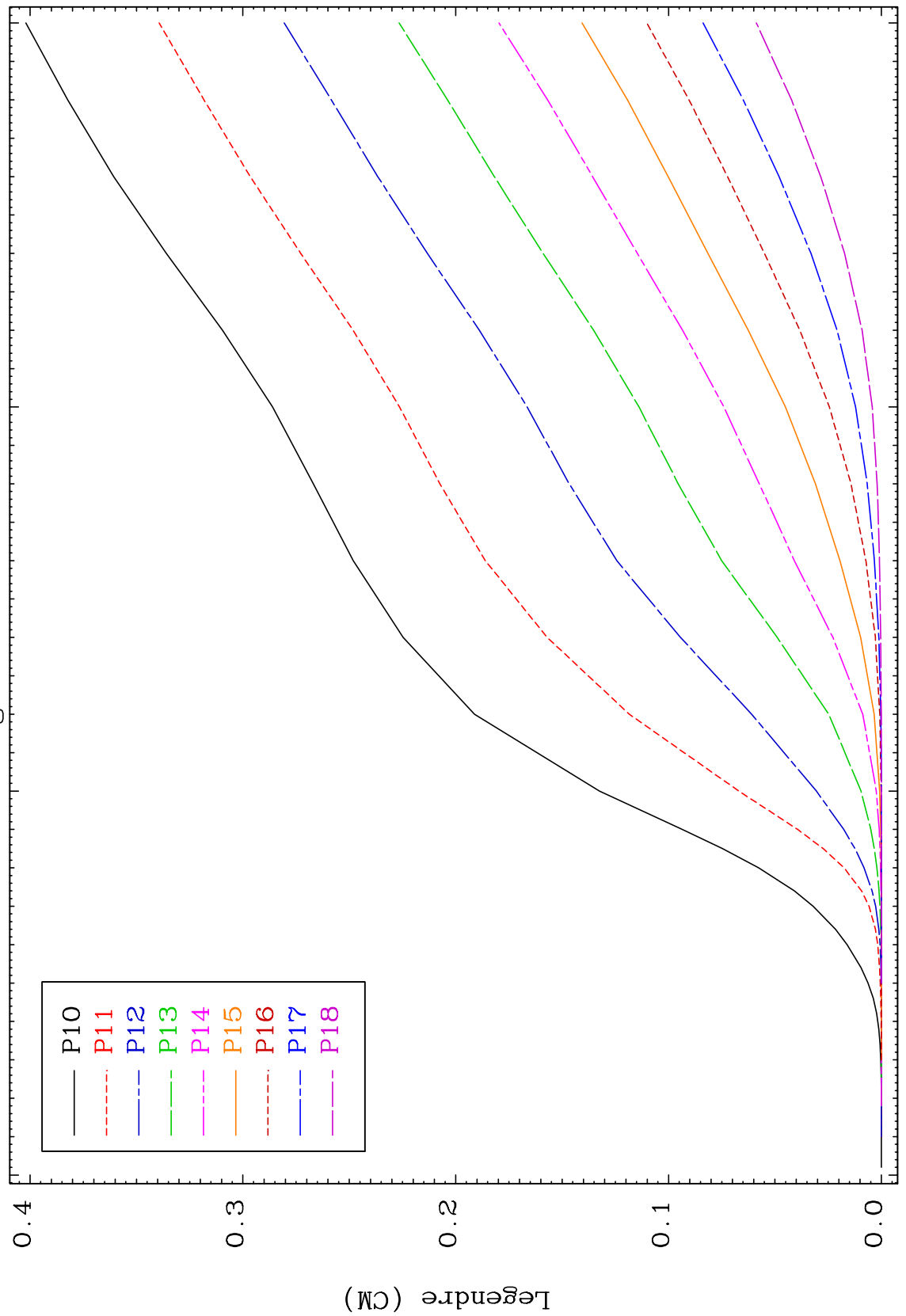
Incident Energy (MeV)

80-Hg-204

MAT 8049

Elastic Legendre Coefficients

80-Hg-204



18

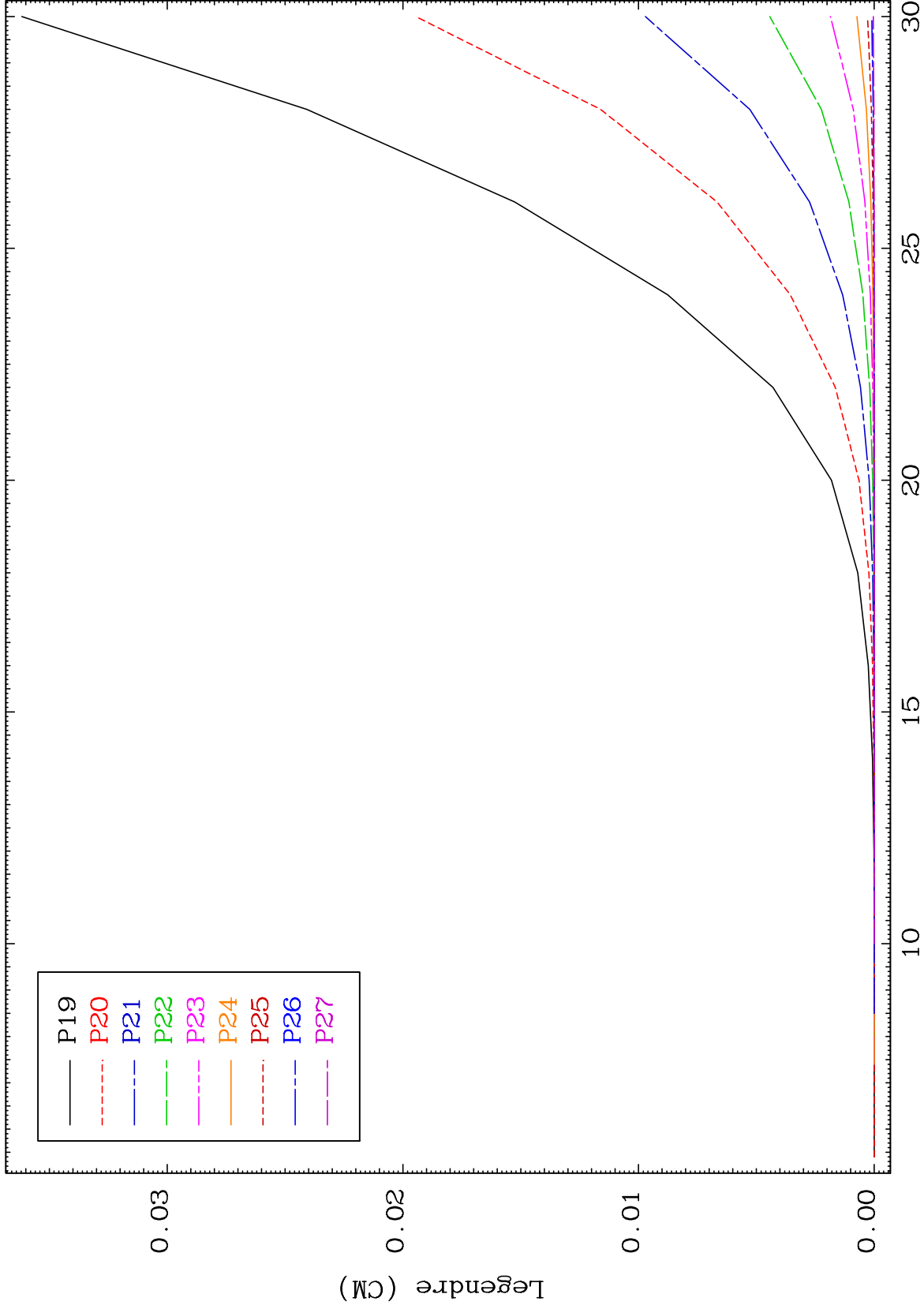
Incident Energy (MeV)

80-Hg-204

MAT 8049

Elastic
Legendre Coefficients

80-Hg-204



19

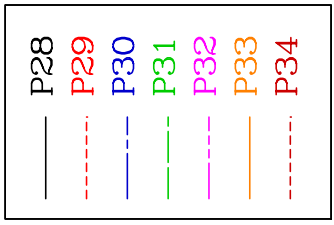
Incident Energy (MeV)

80-Hg-204

MAT 8049

Elastic Legendre Coefficients

80-Hg-204



$\times 10^{-5}$

Legendre (CM)

10

15

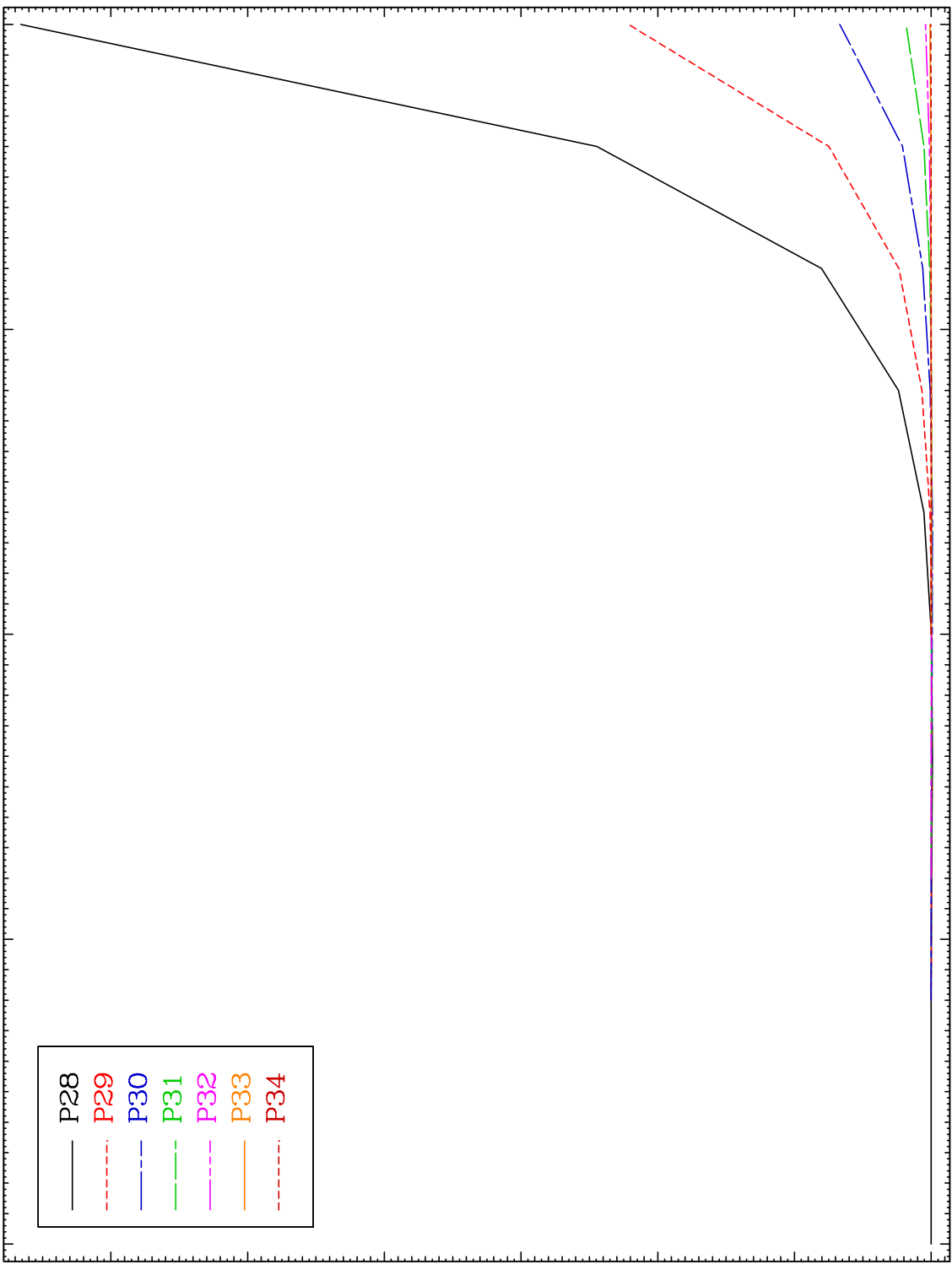
20

25

30

Incident Energy (MeV)

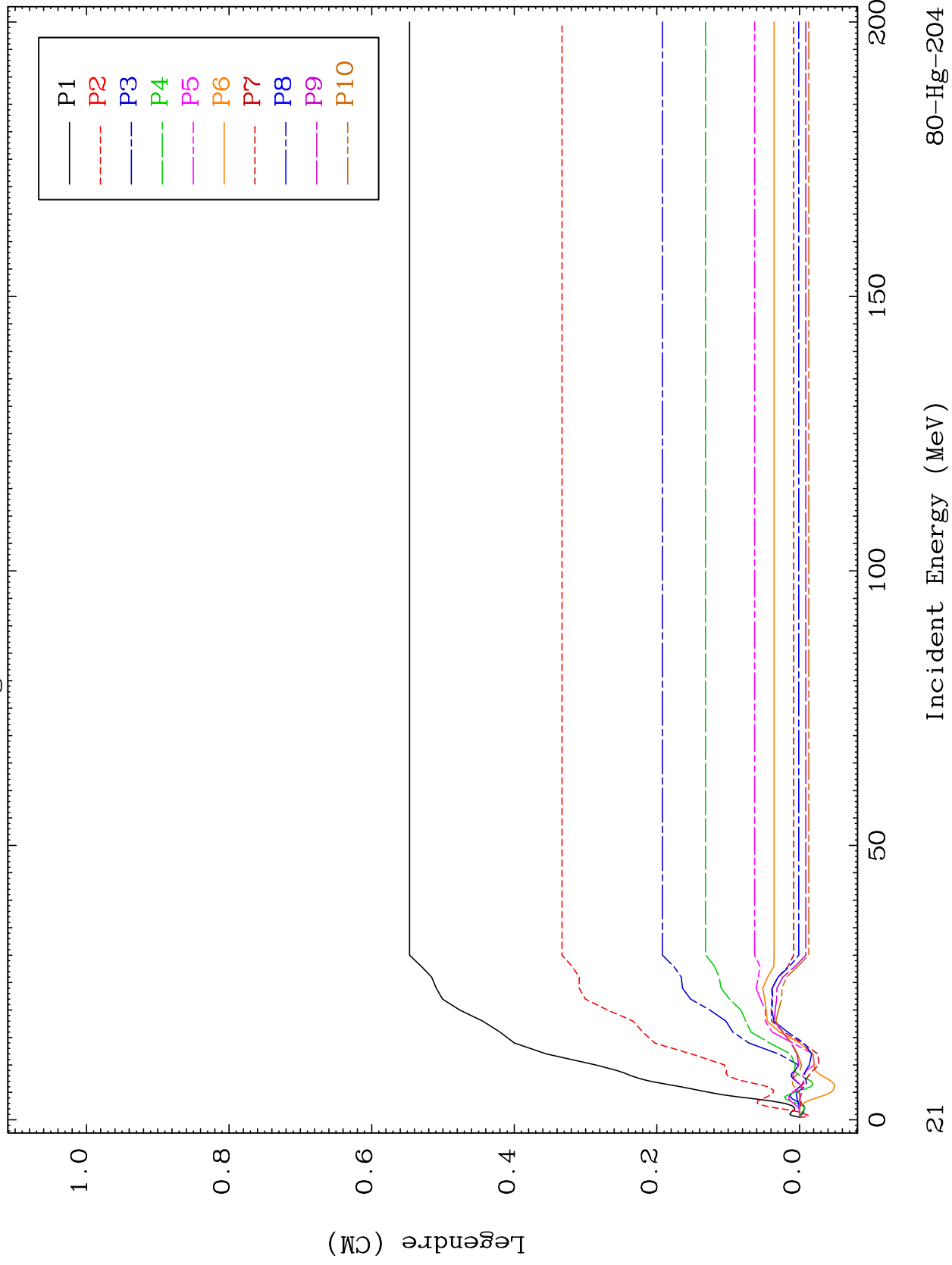
80-Hg-204



MAT 8049

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

80-Hg-204



21

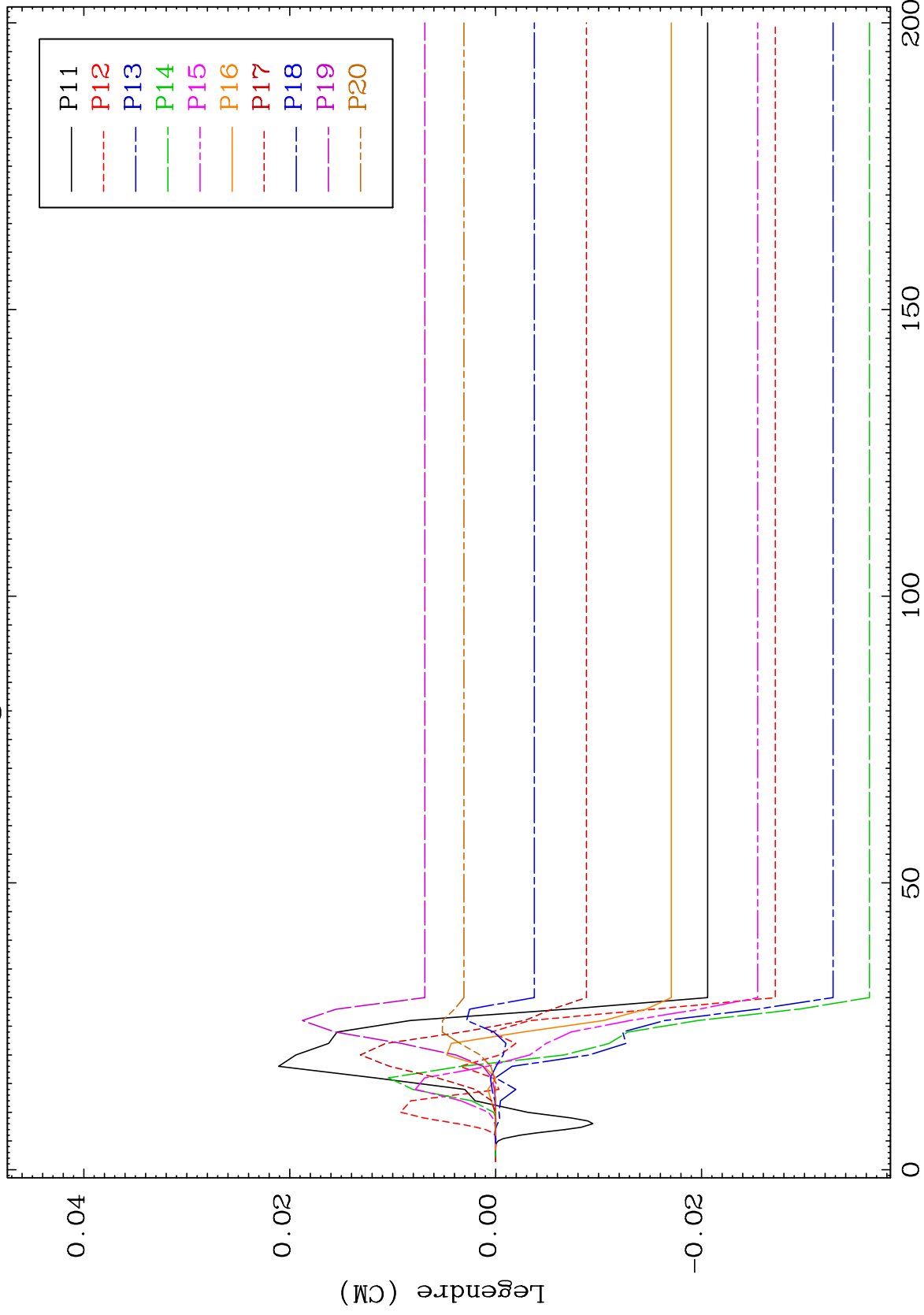
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



22

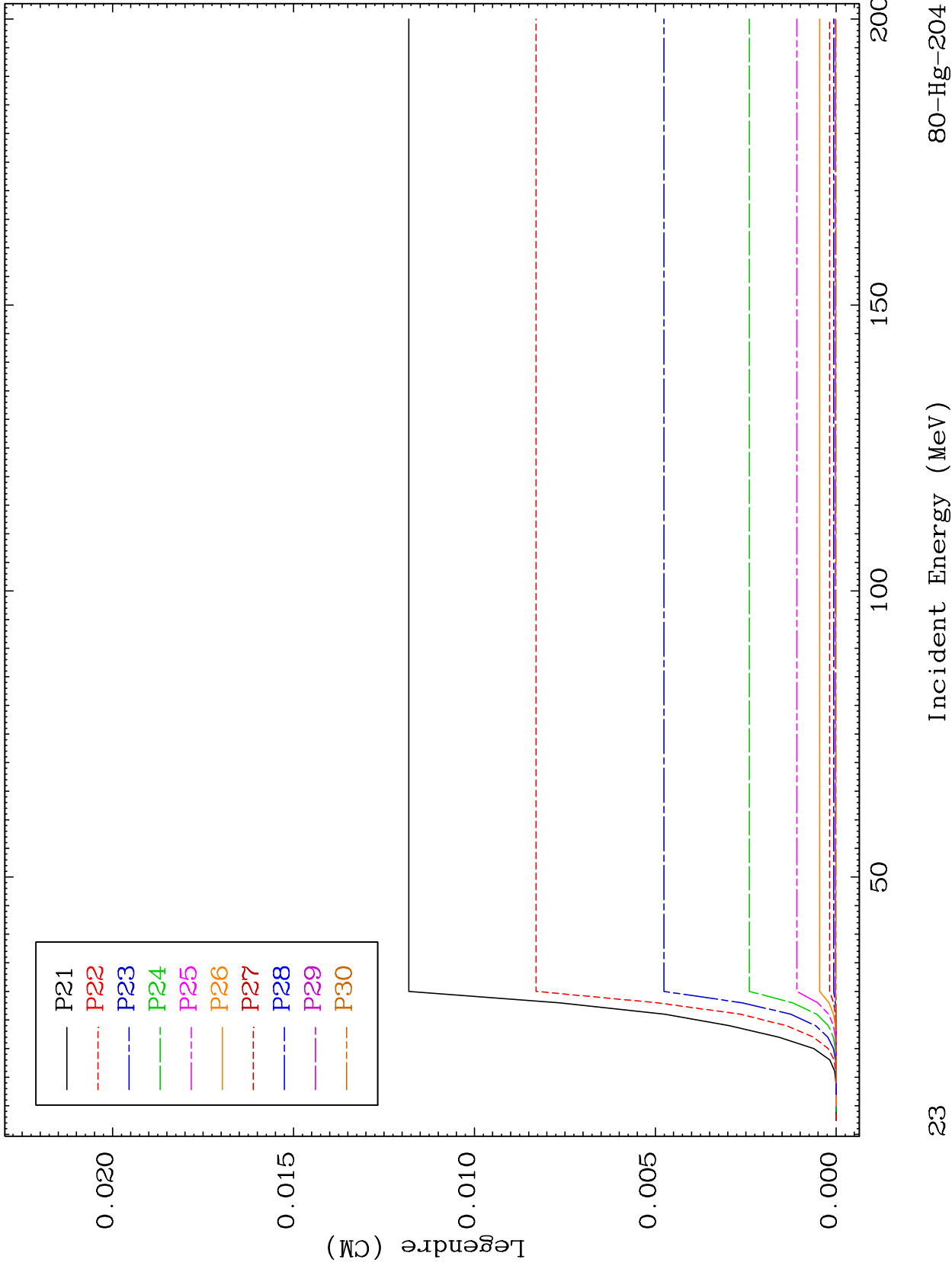
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

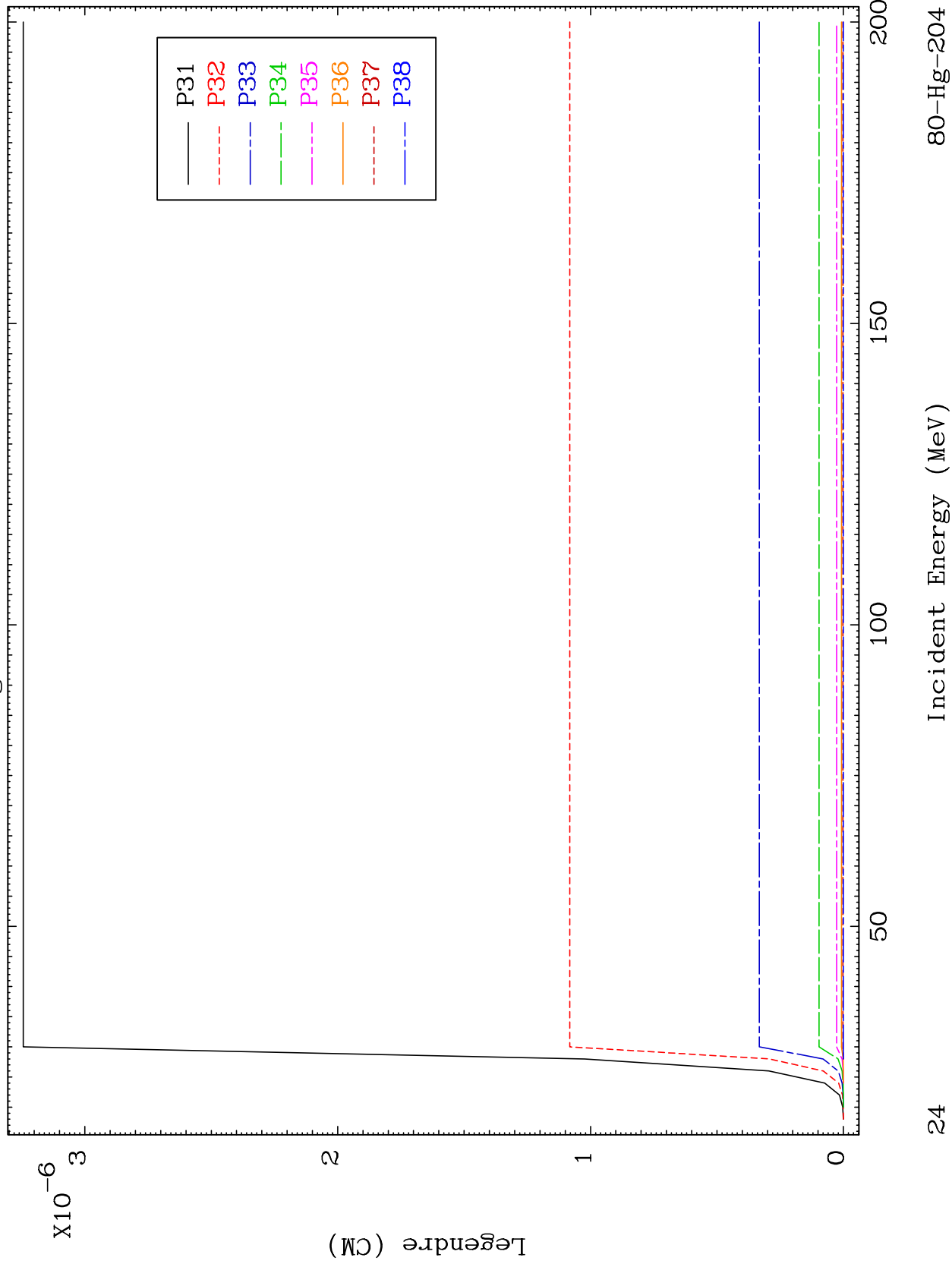
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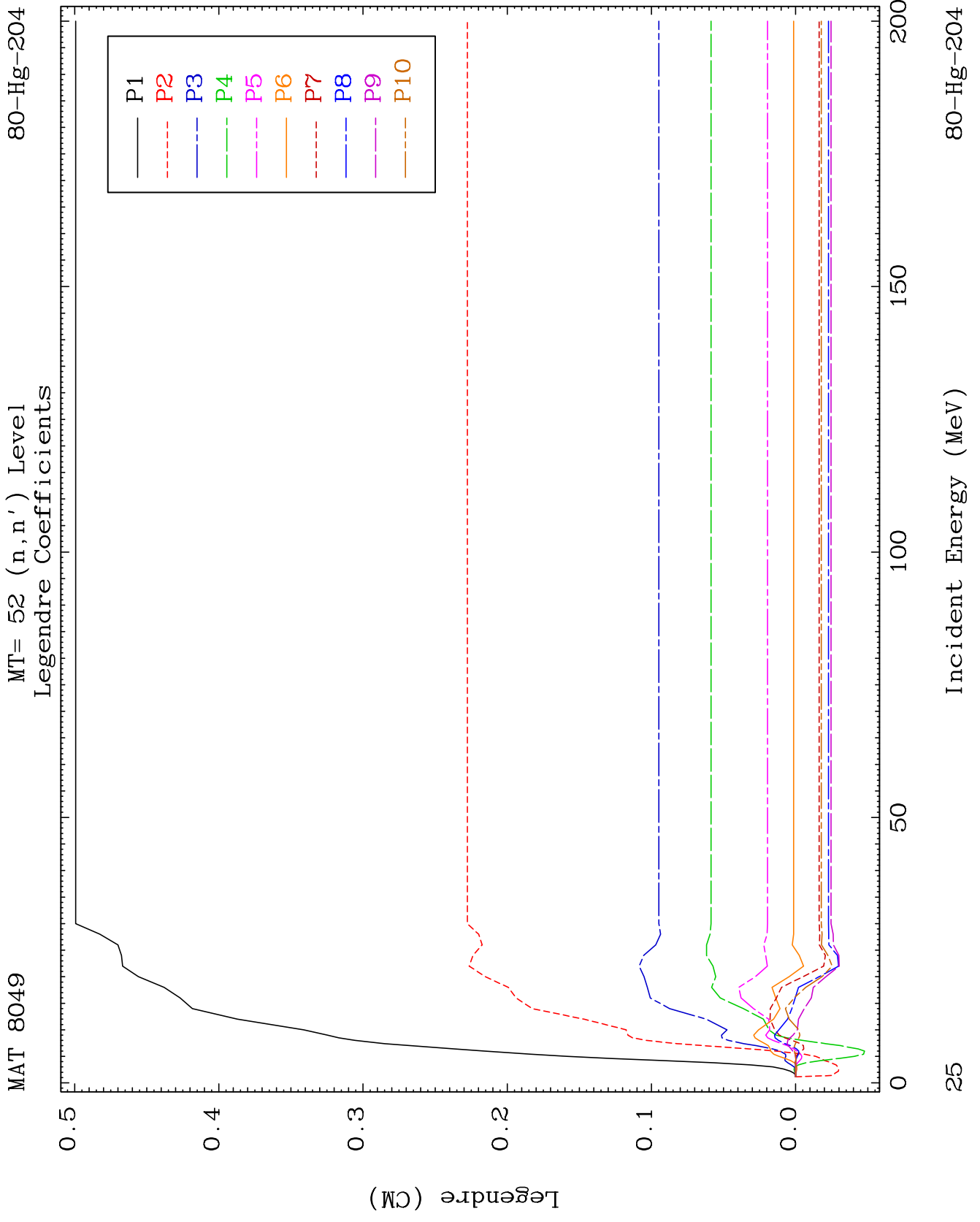


MAT 8049

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

80-Hg-204

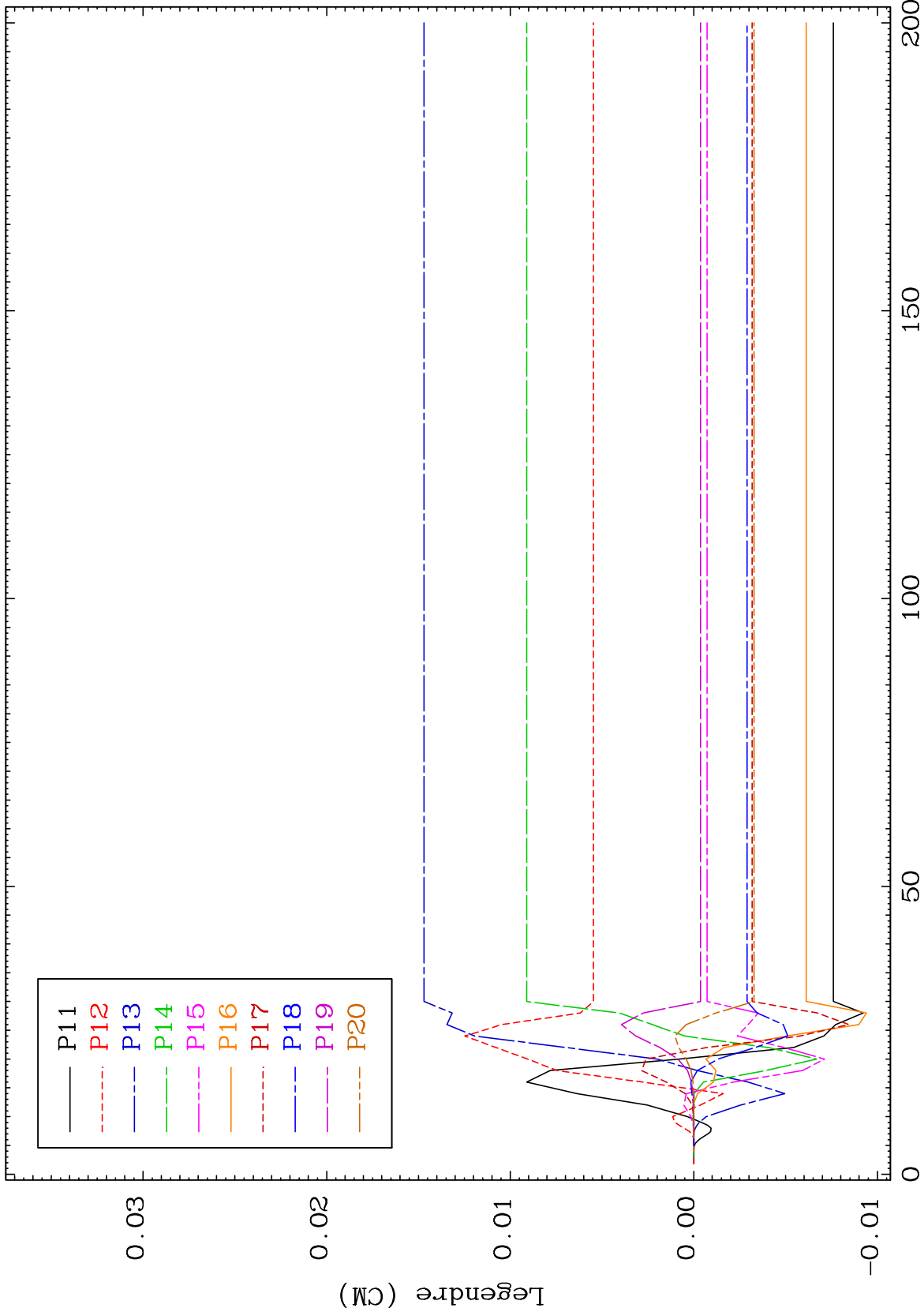




MAT 8049

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

80-Hg-204



26

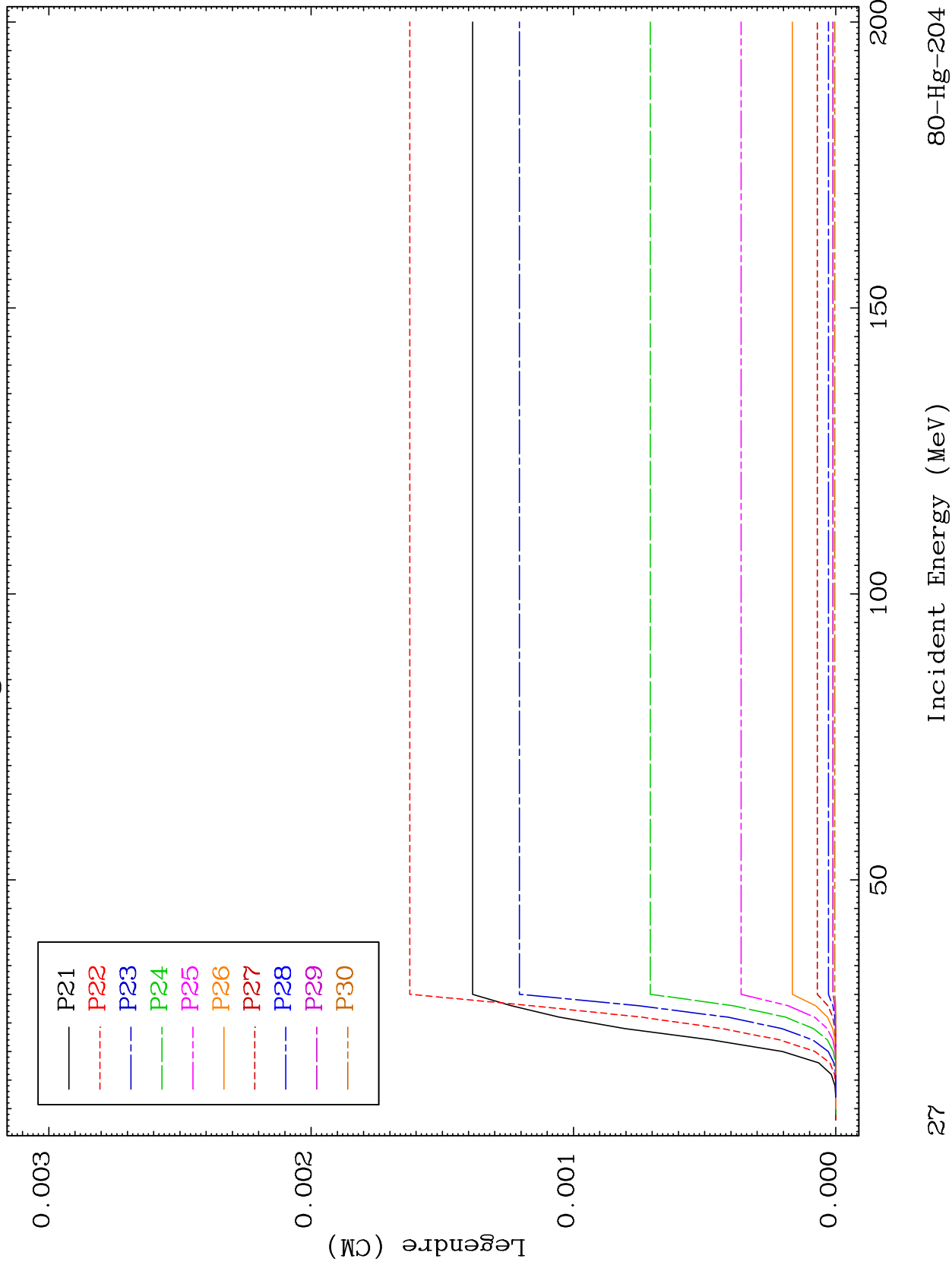
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

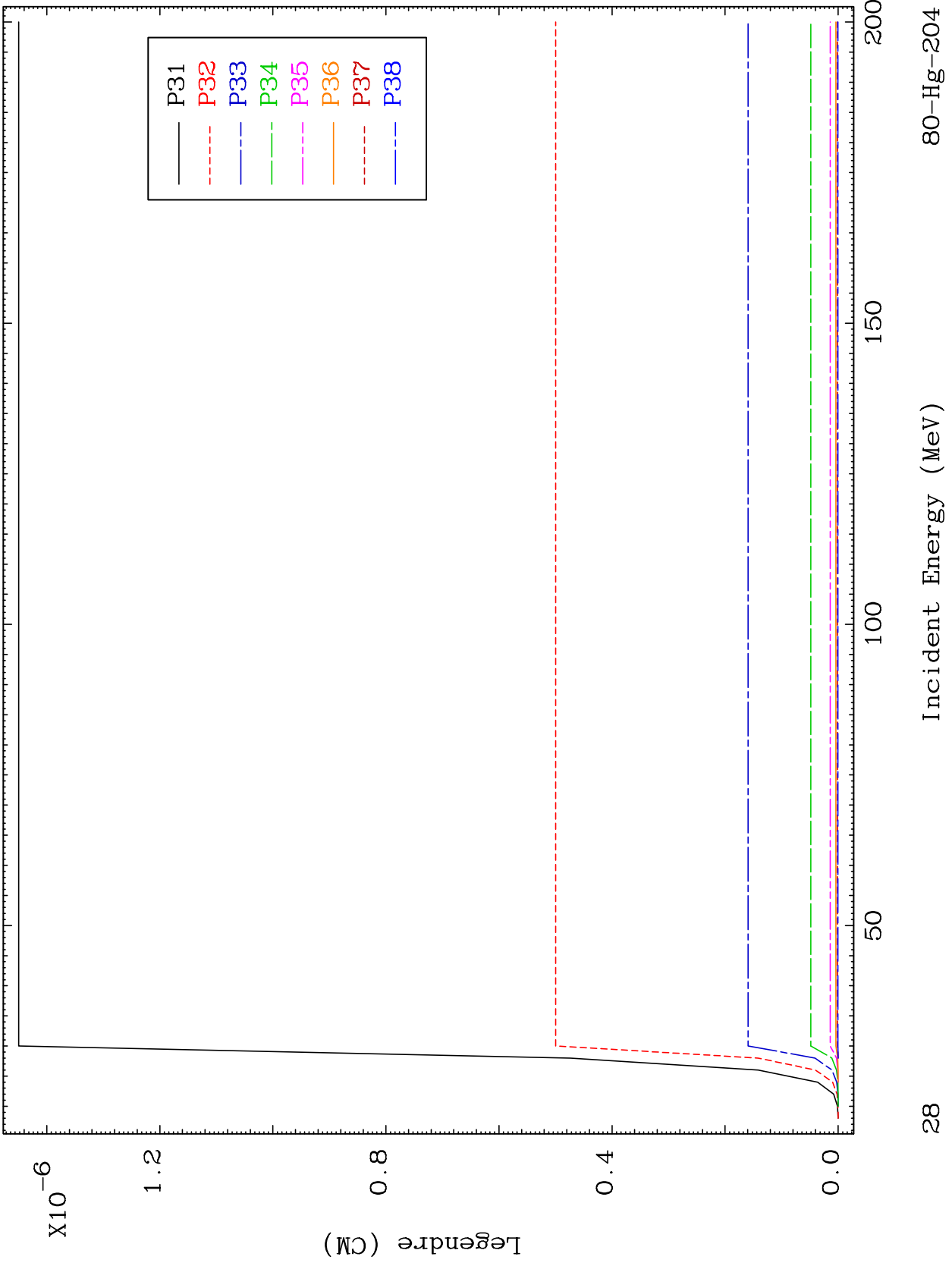
80-Hg-204

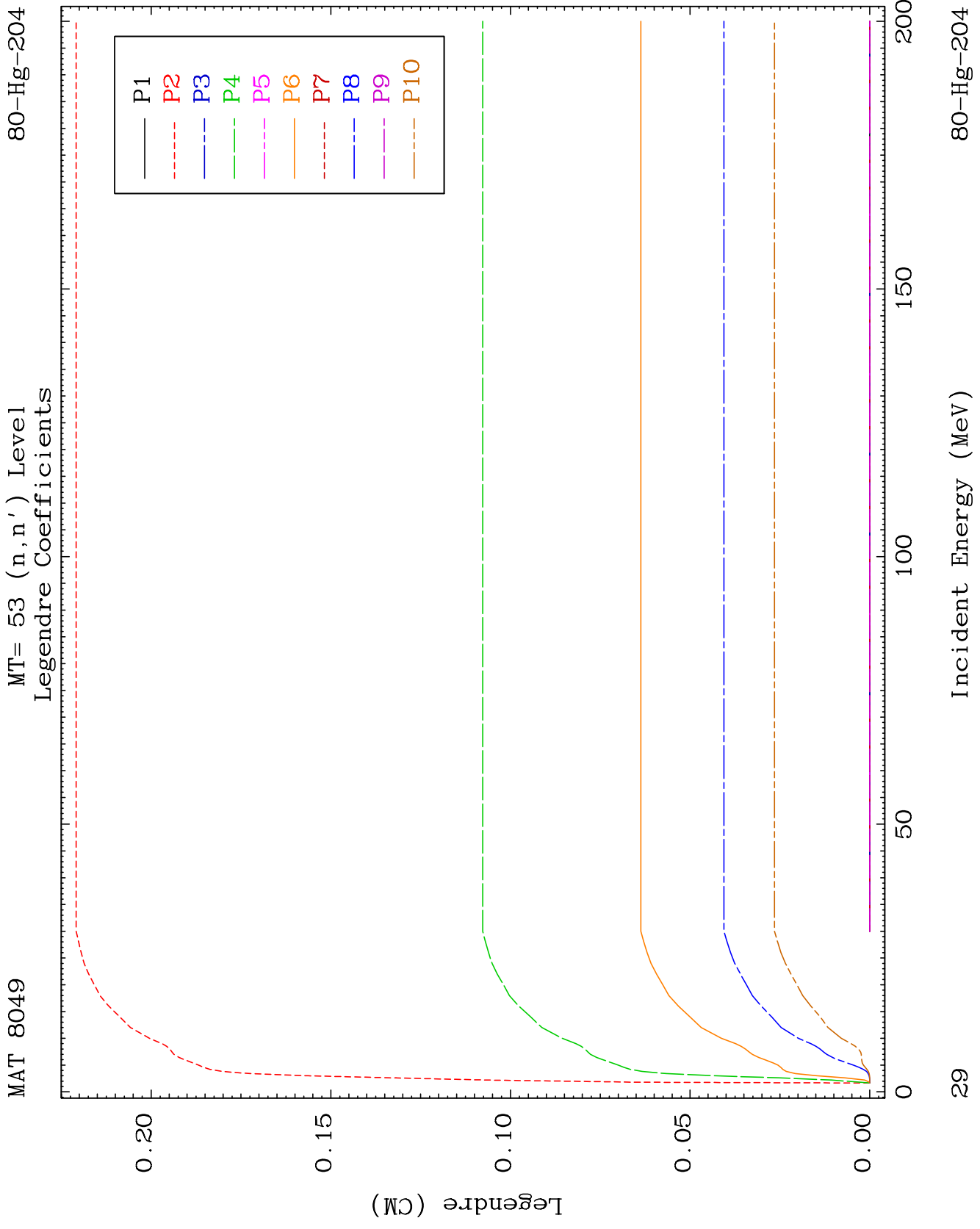


MAT 8049

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

80-Hg-204

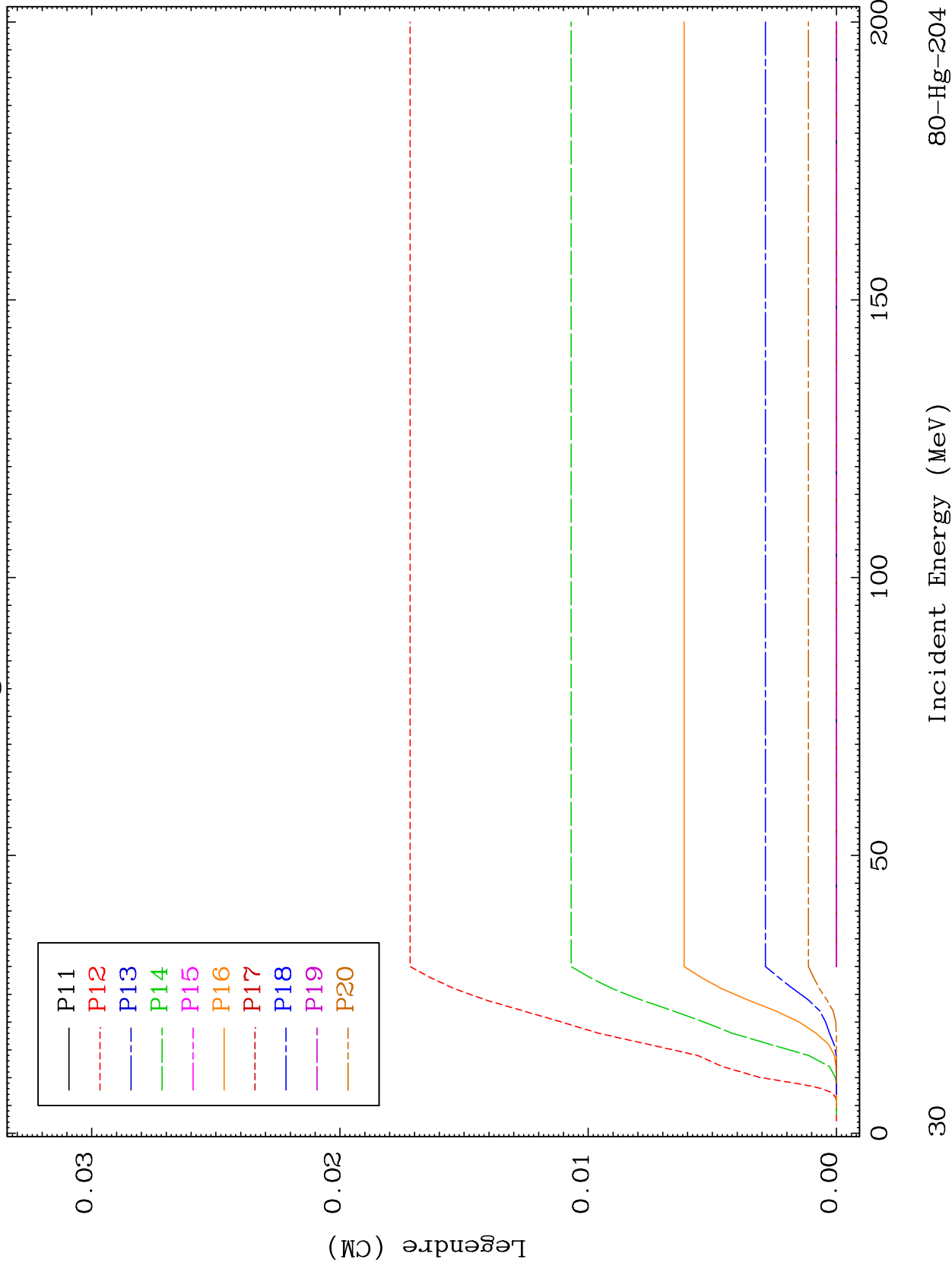




MAT 8049

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

80-Hg-204

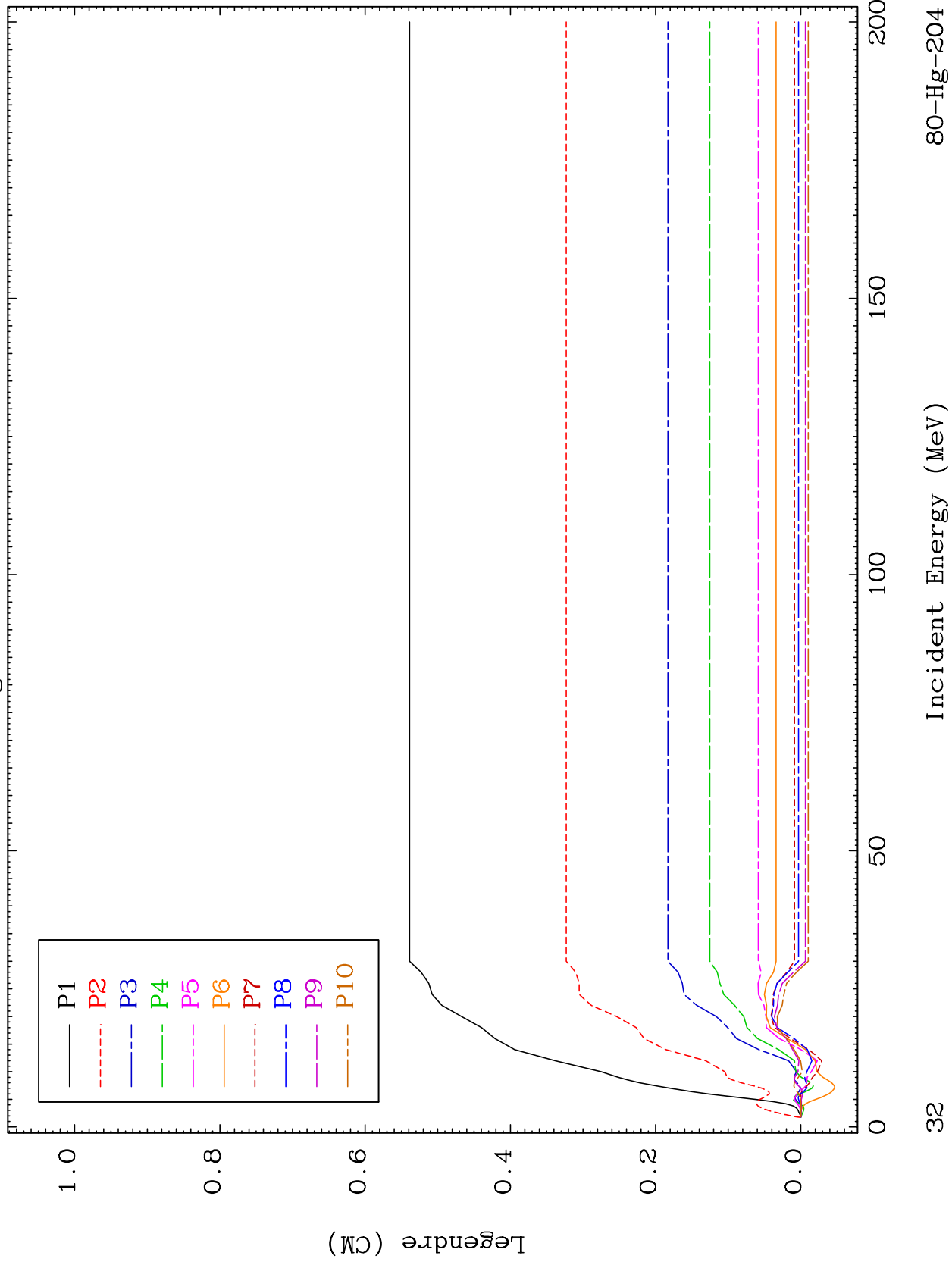


80-Hg-204

MAT 8049

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

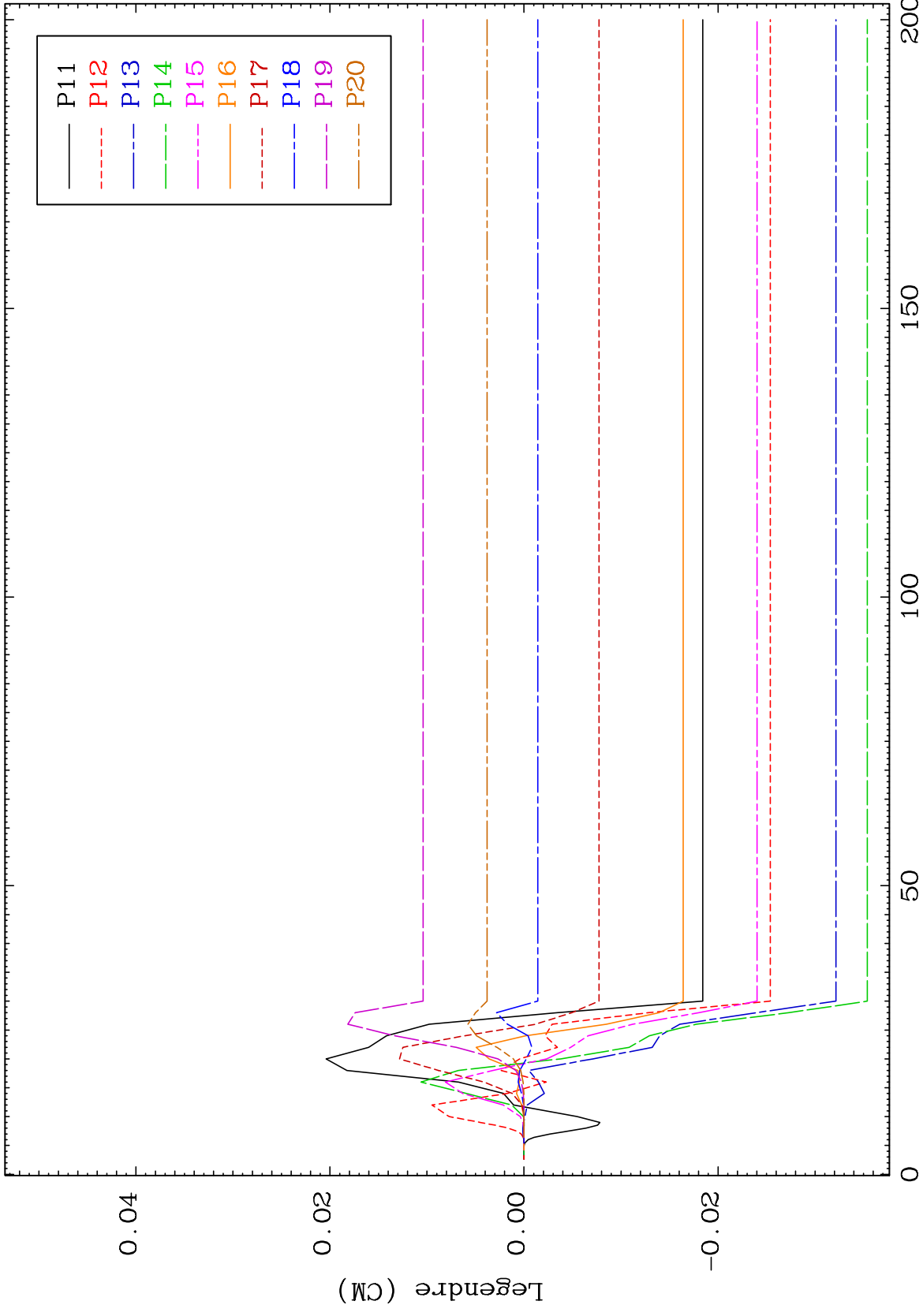
80-Hg-204



MAT 8049

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

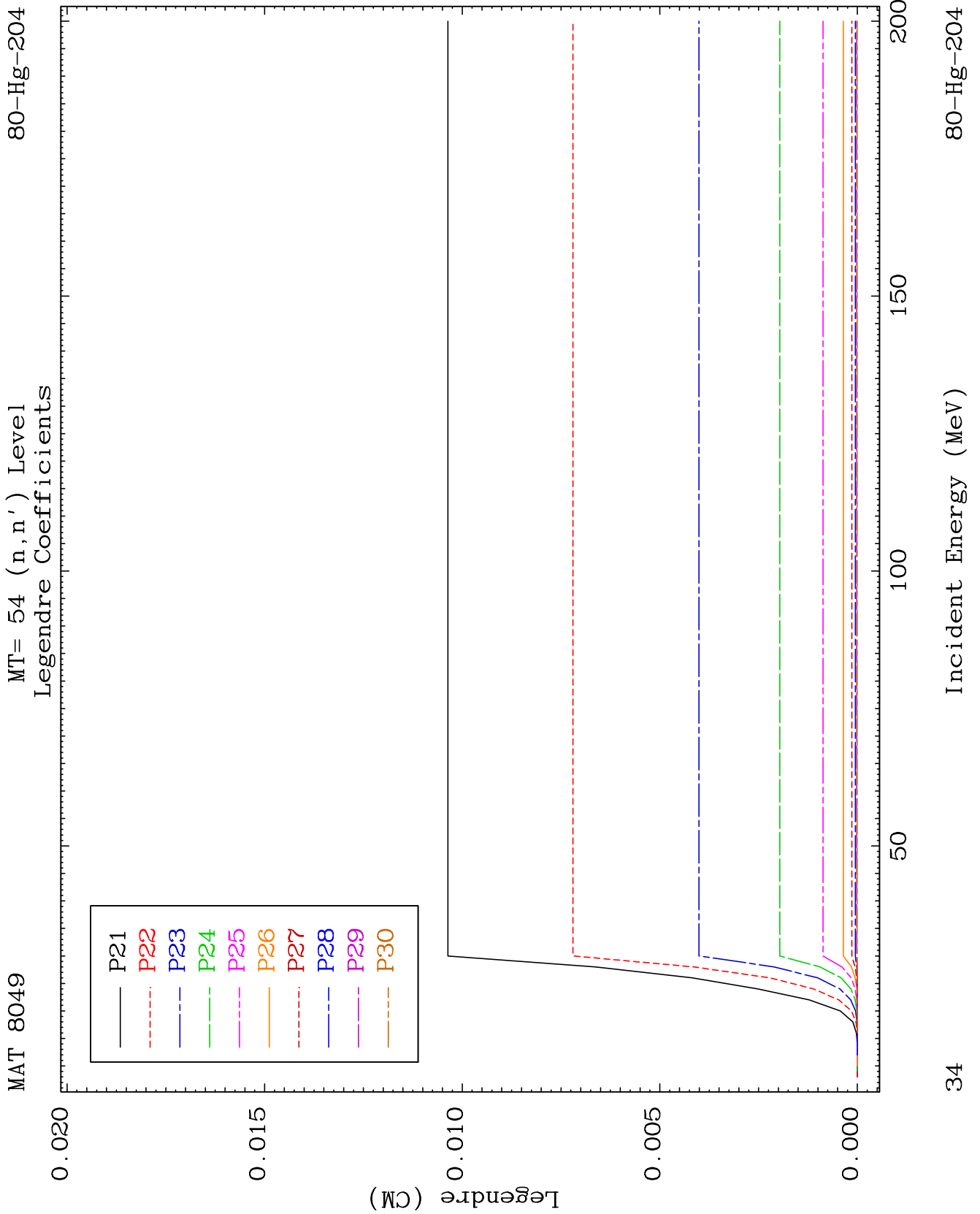
80-Hg-204

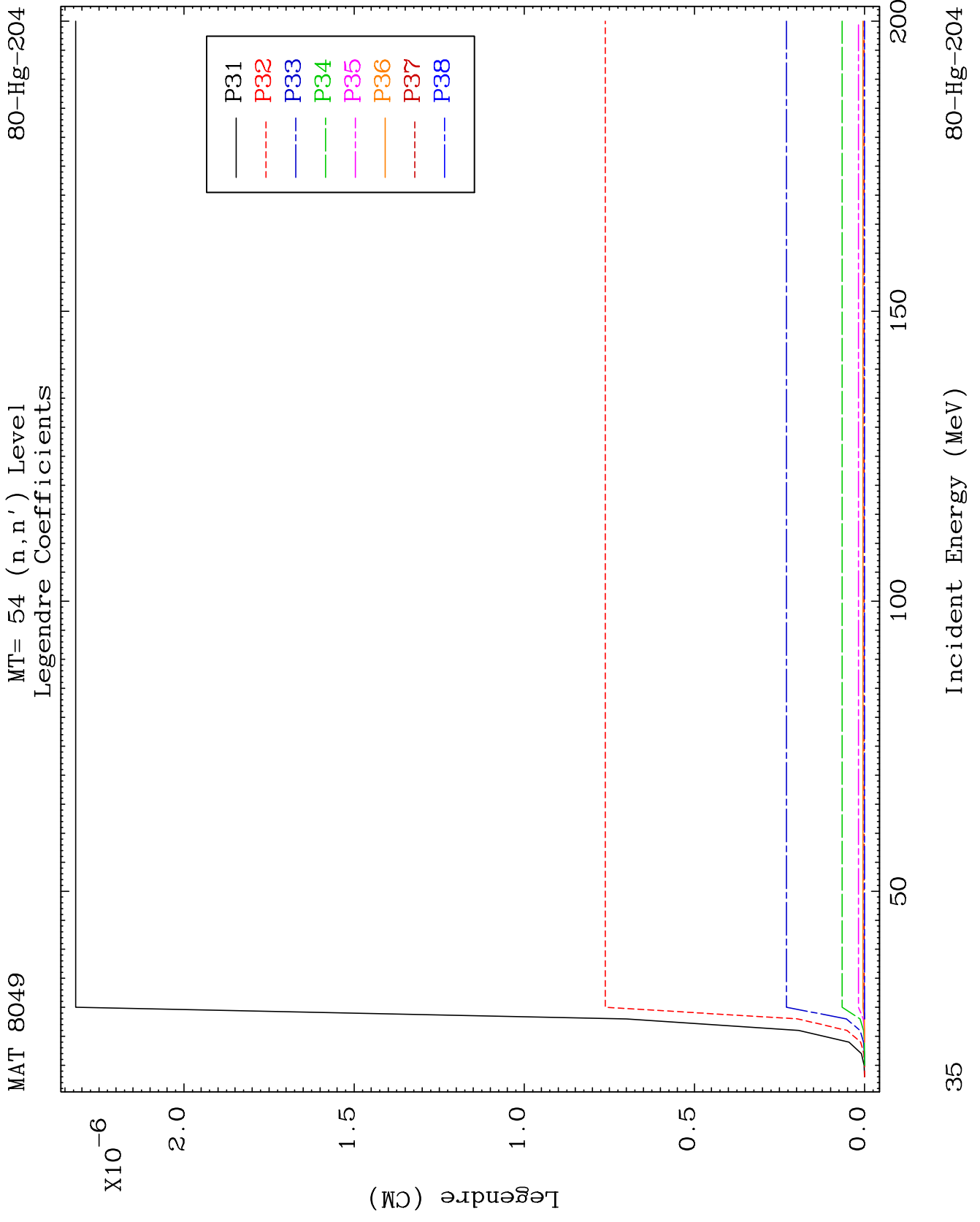


33

Incident Energy (MeV)

80-Hg-204

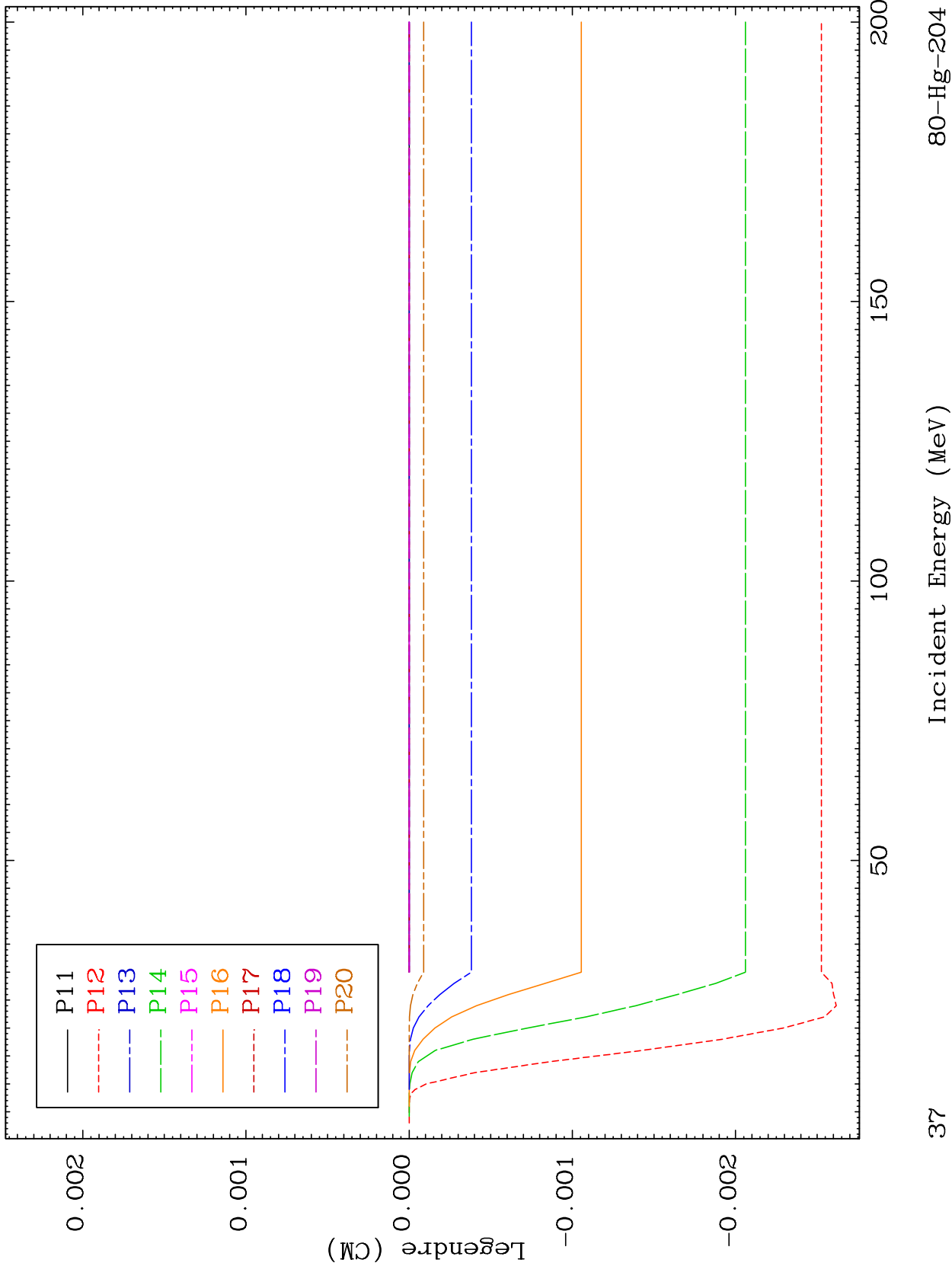




MAT 8049

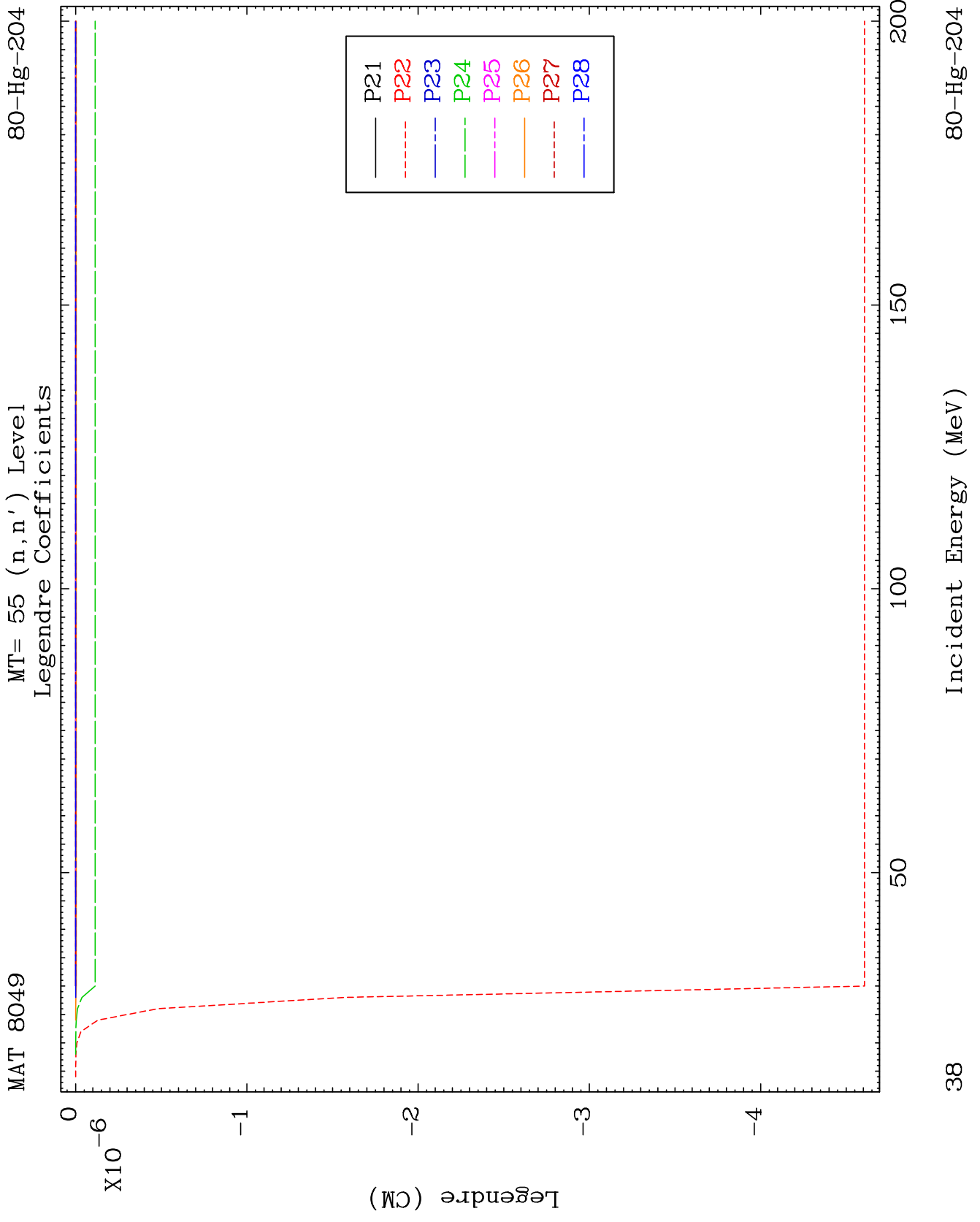
MT= 55 (n,n') Level
Legendre Coefficients

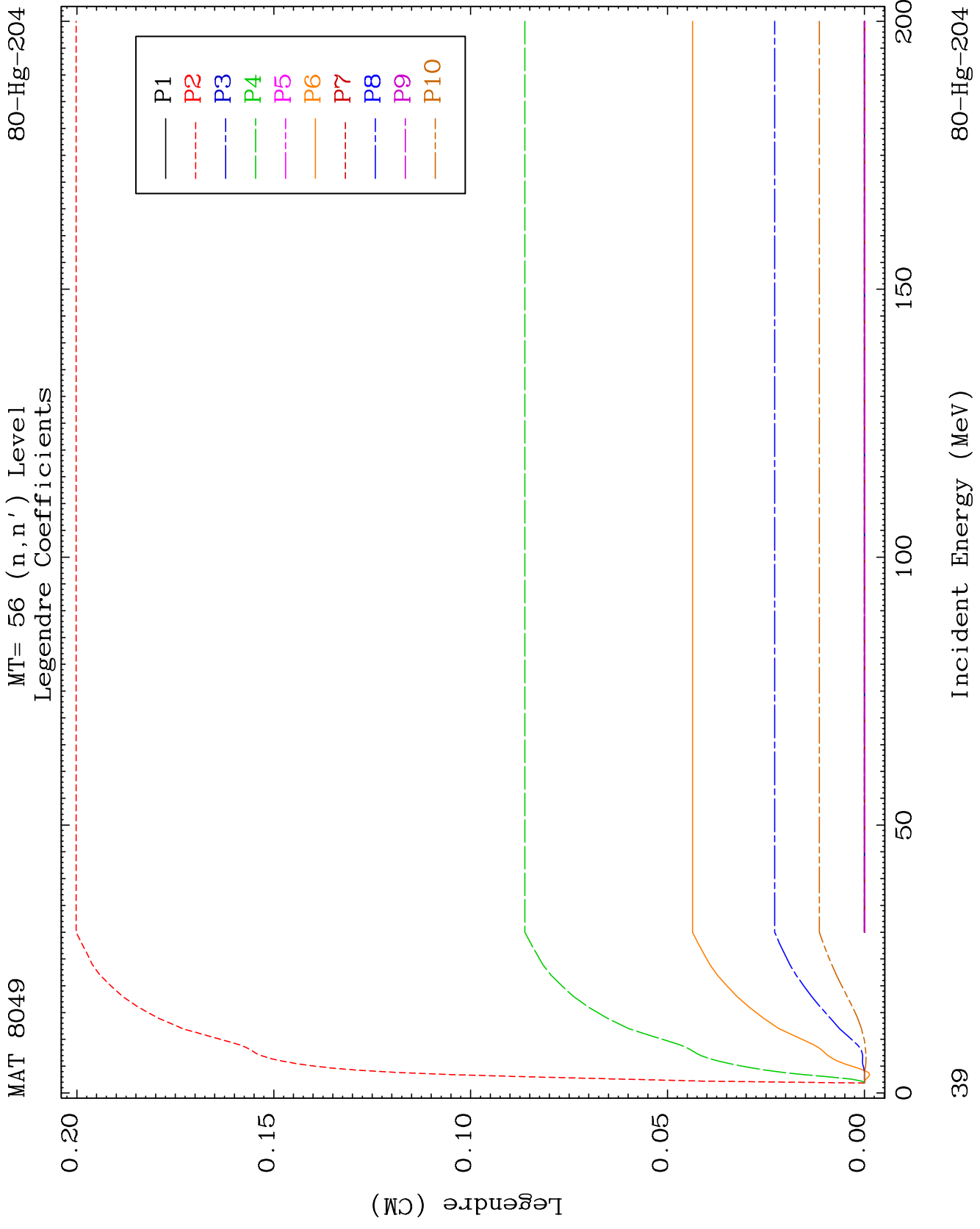
80-Hg-204

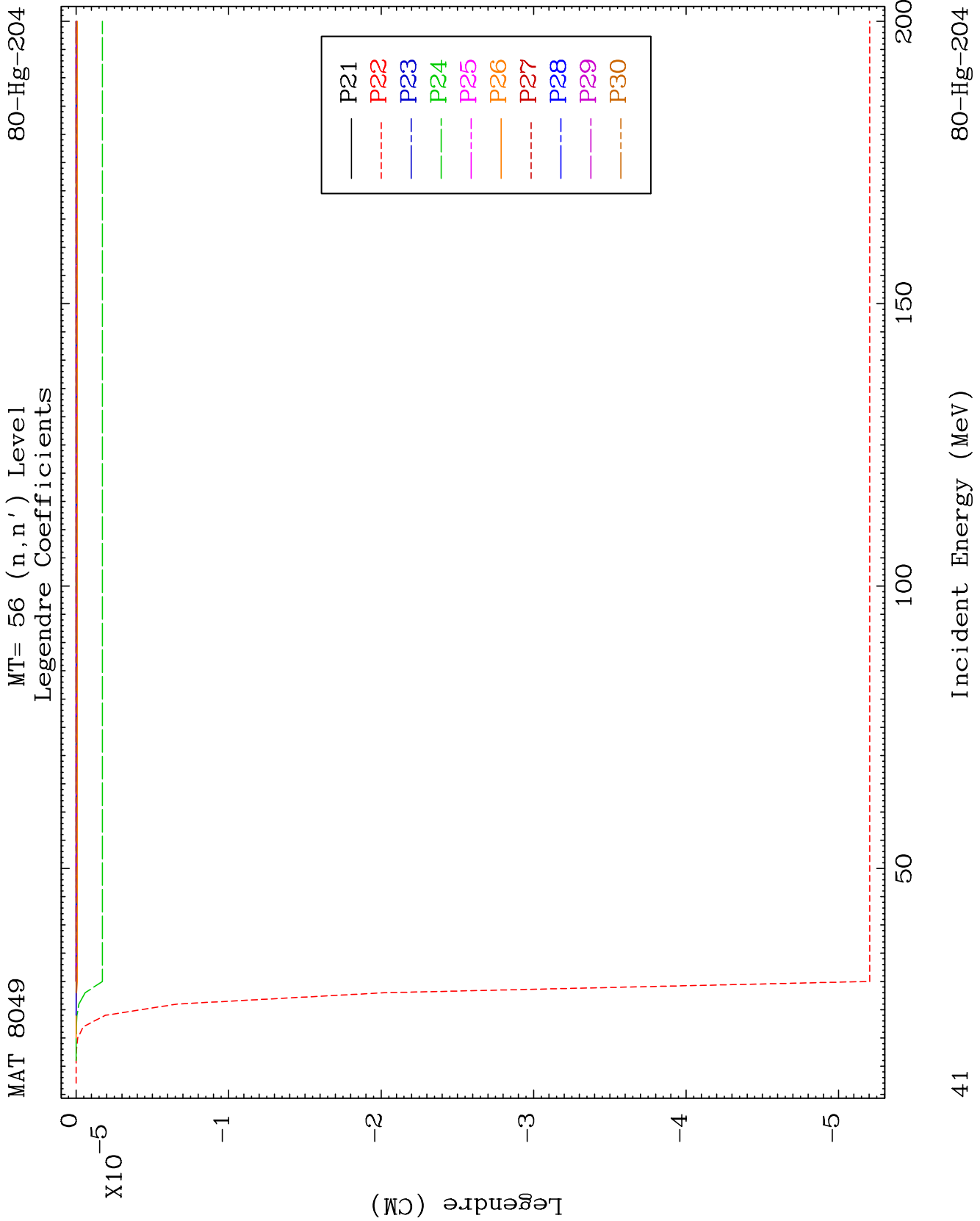


37

80-Hg-204



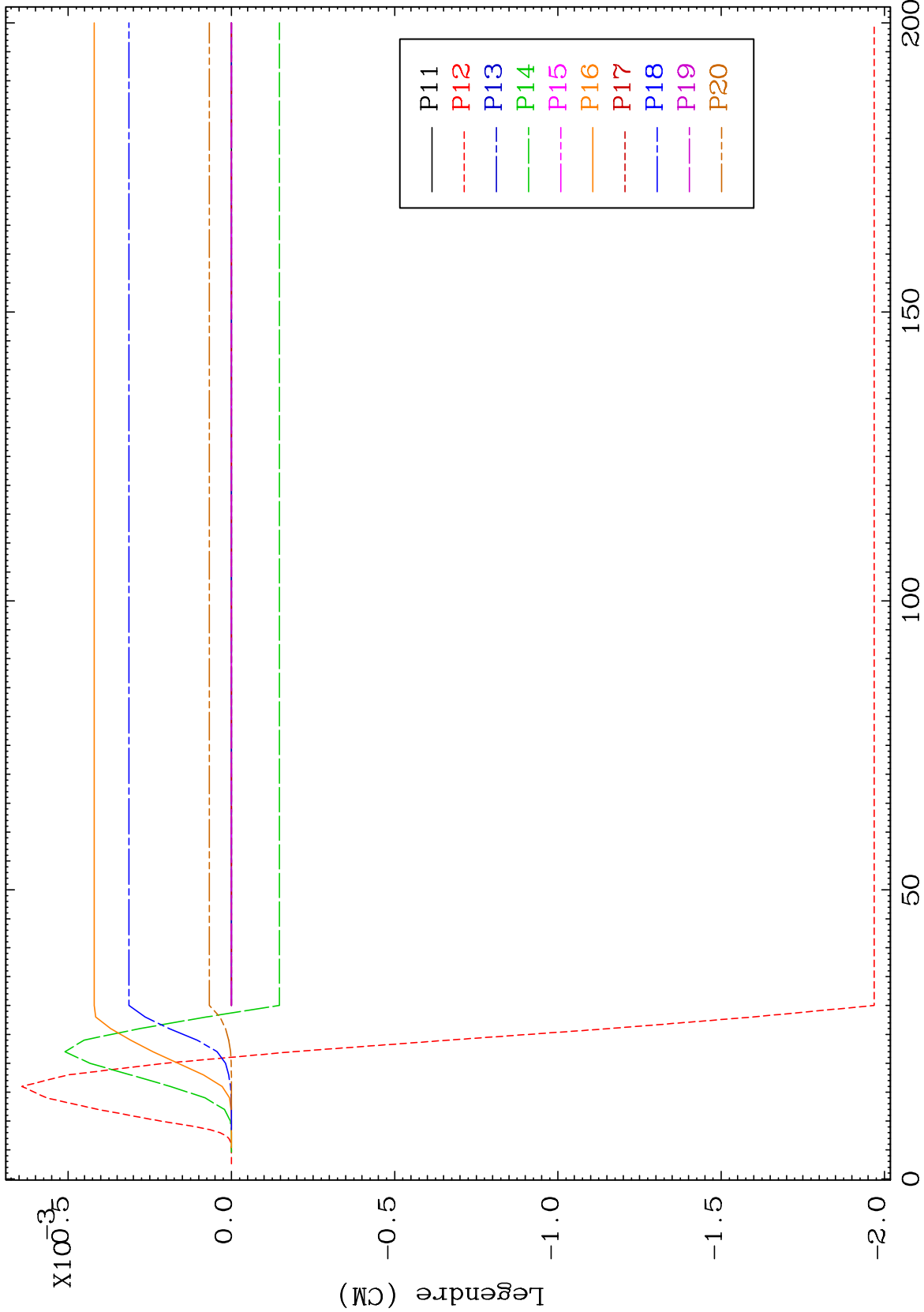




MAT 8049

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

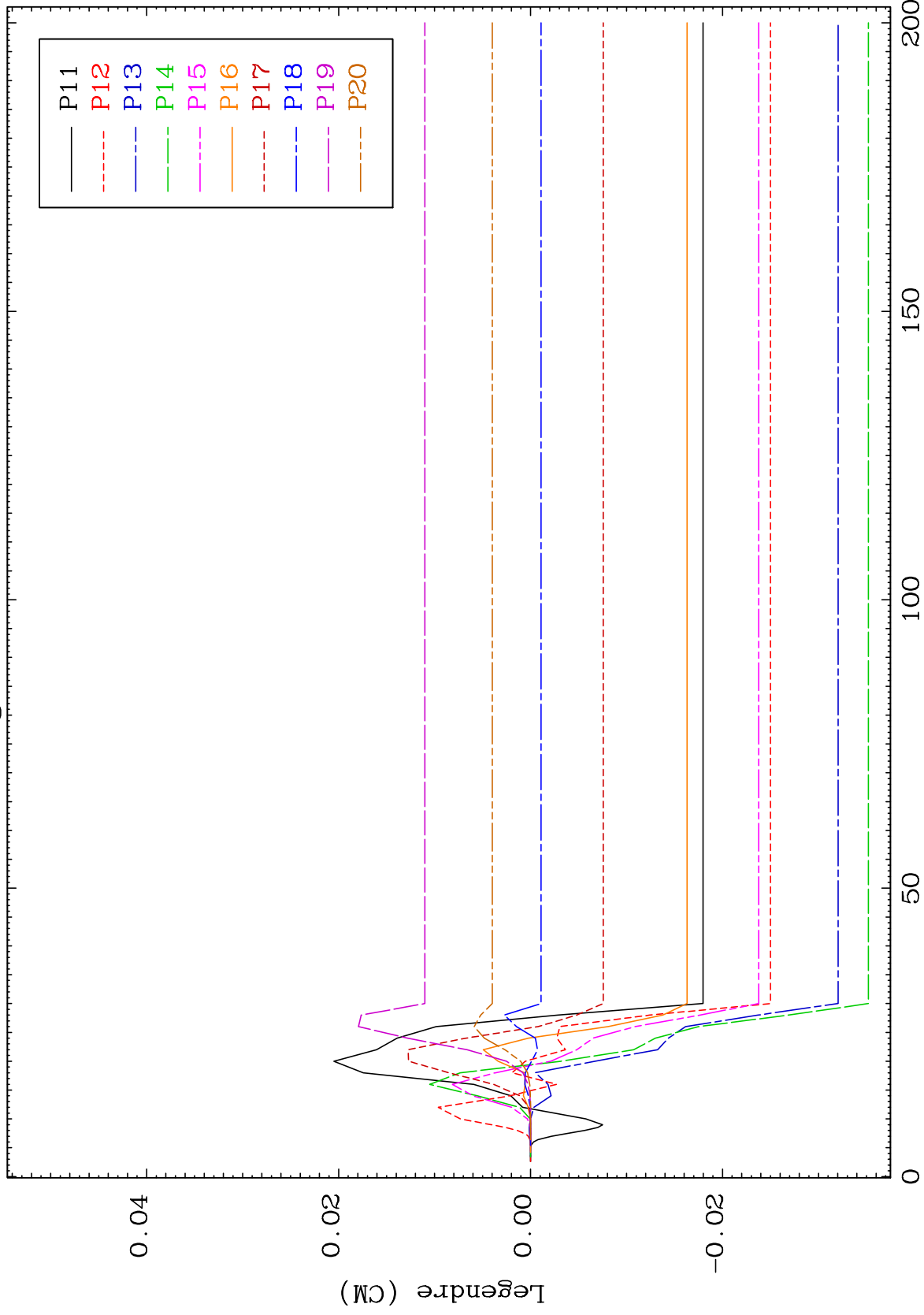
80-Hg-204



MAT 8049

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

80-Hg-204



46

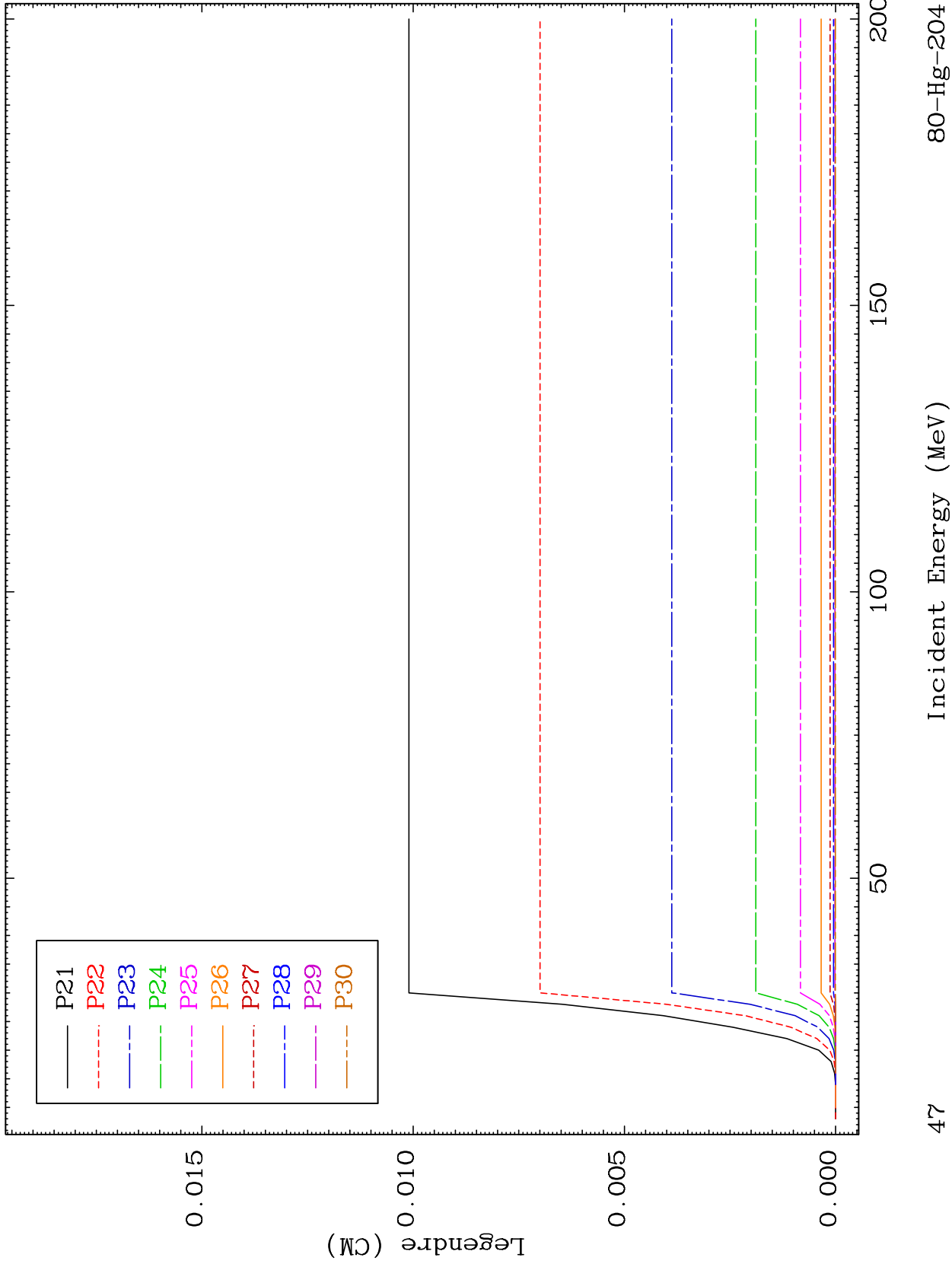
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

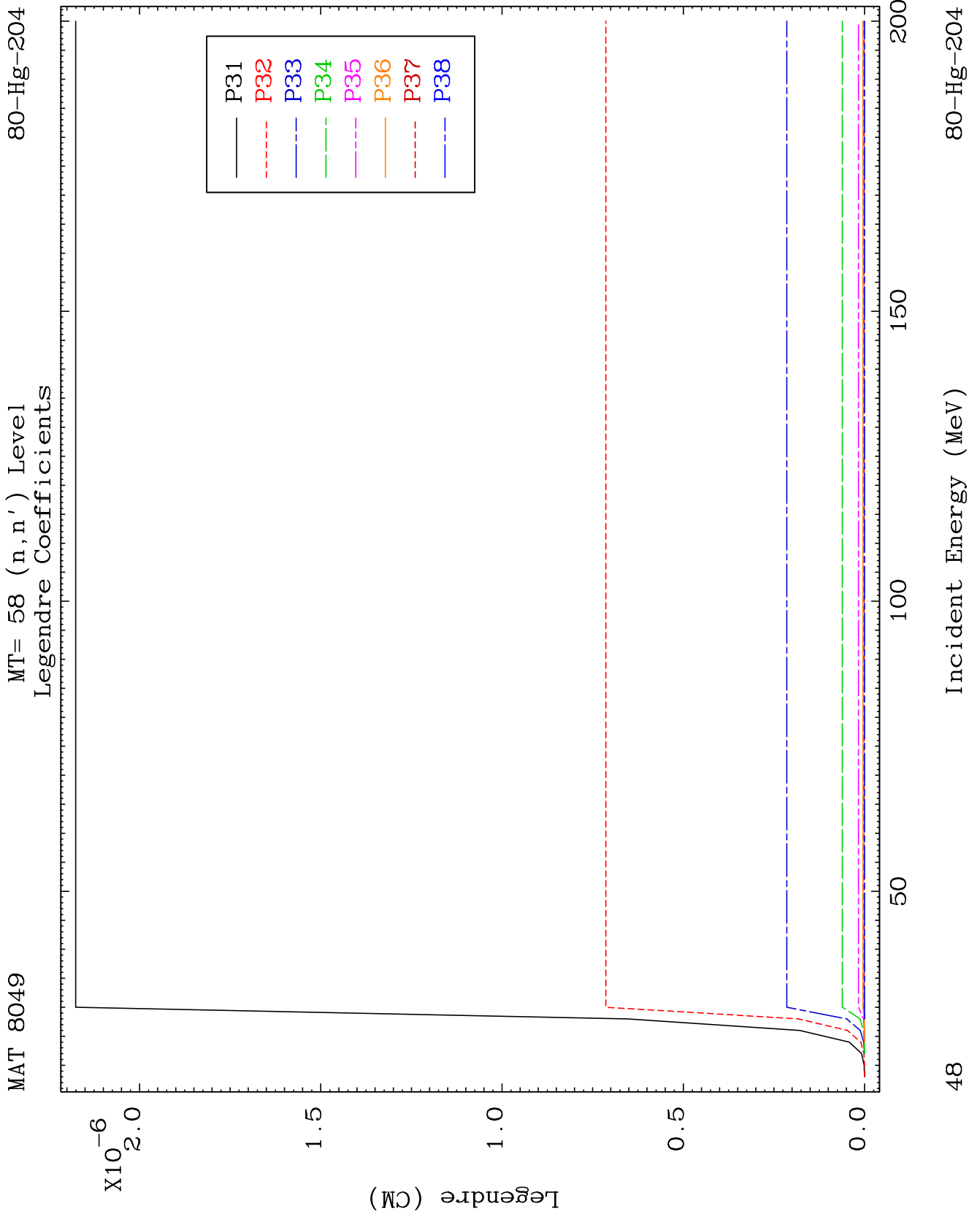
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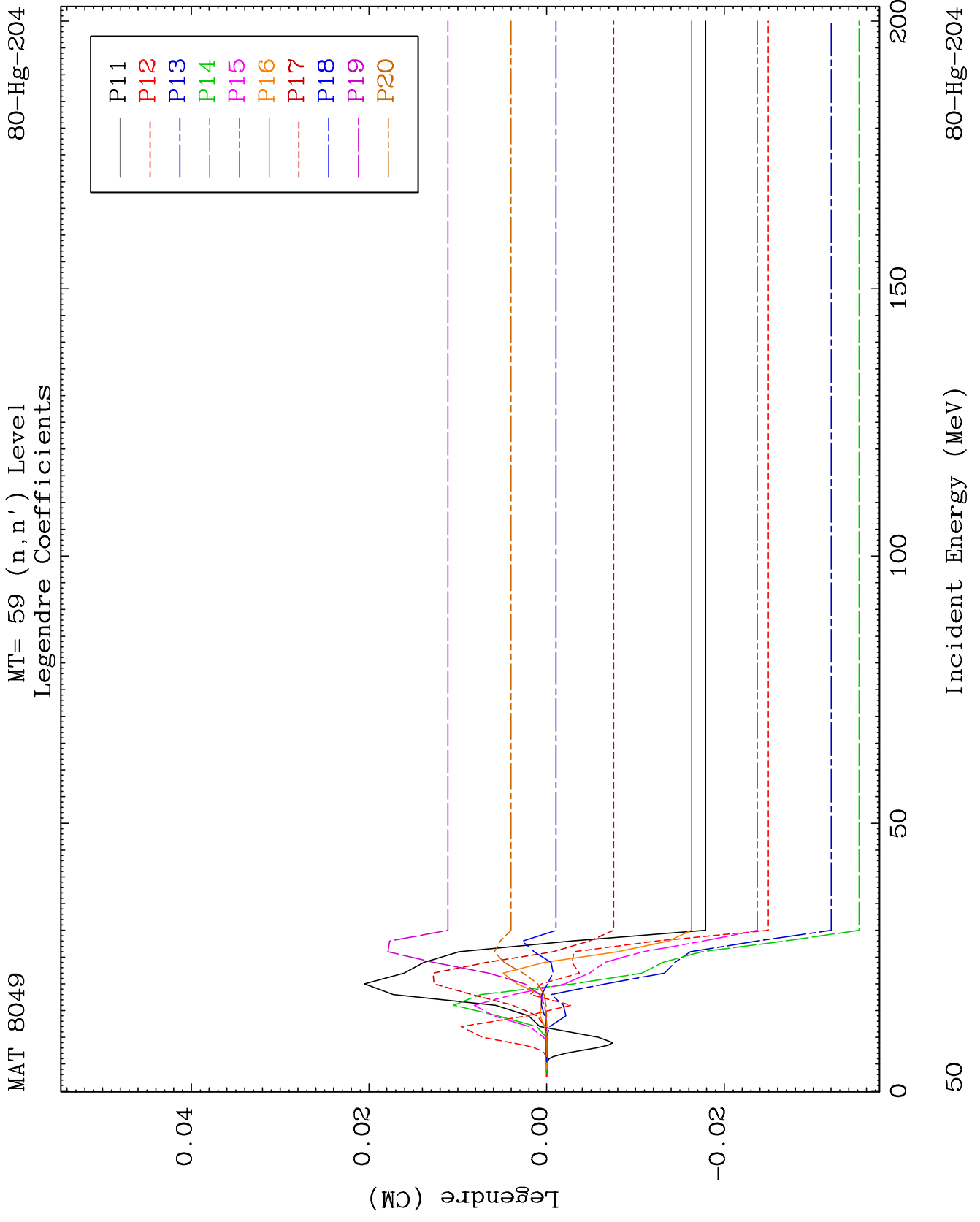


47

Incident Energy (MeV)

80-Hg-204

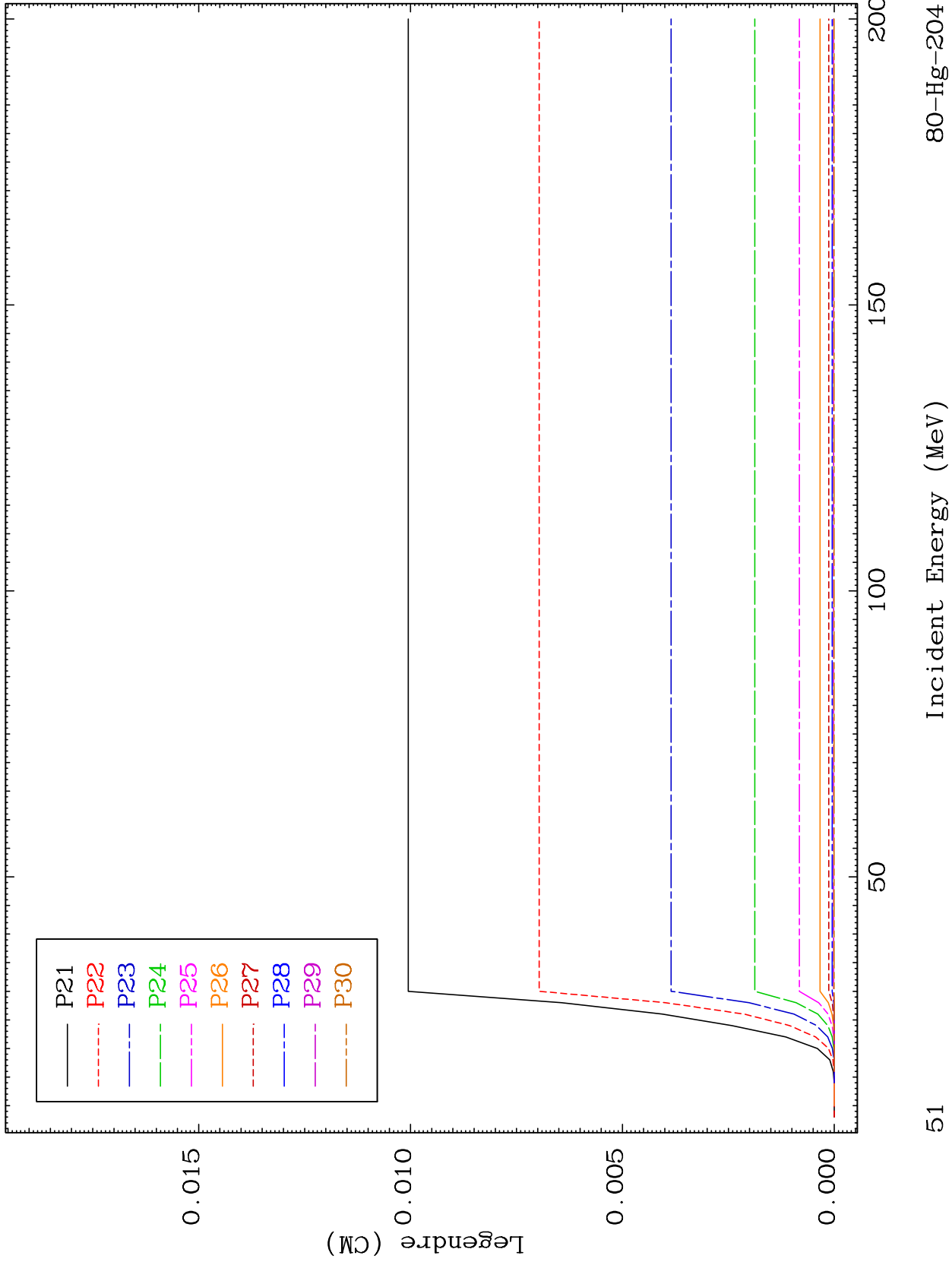




MAT 8049

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

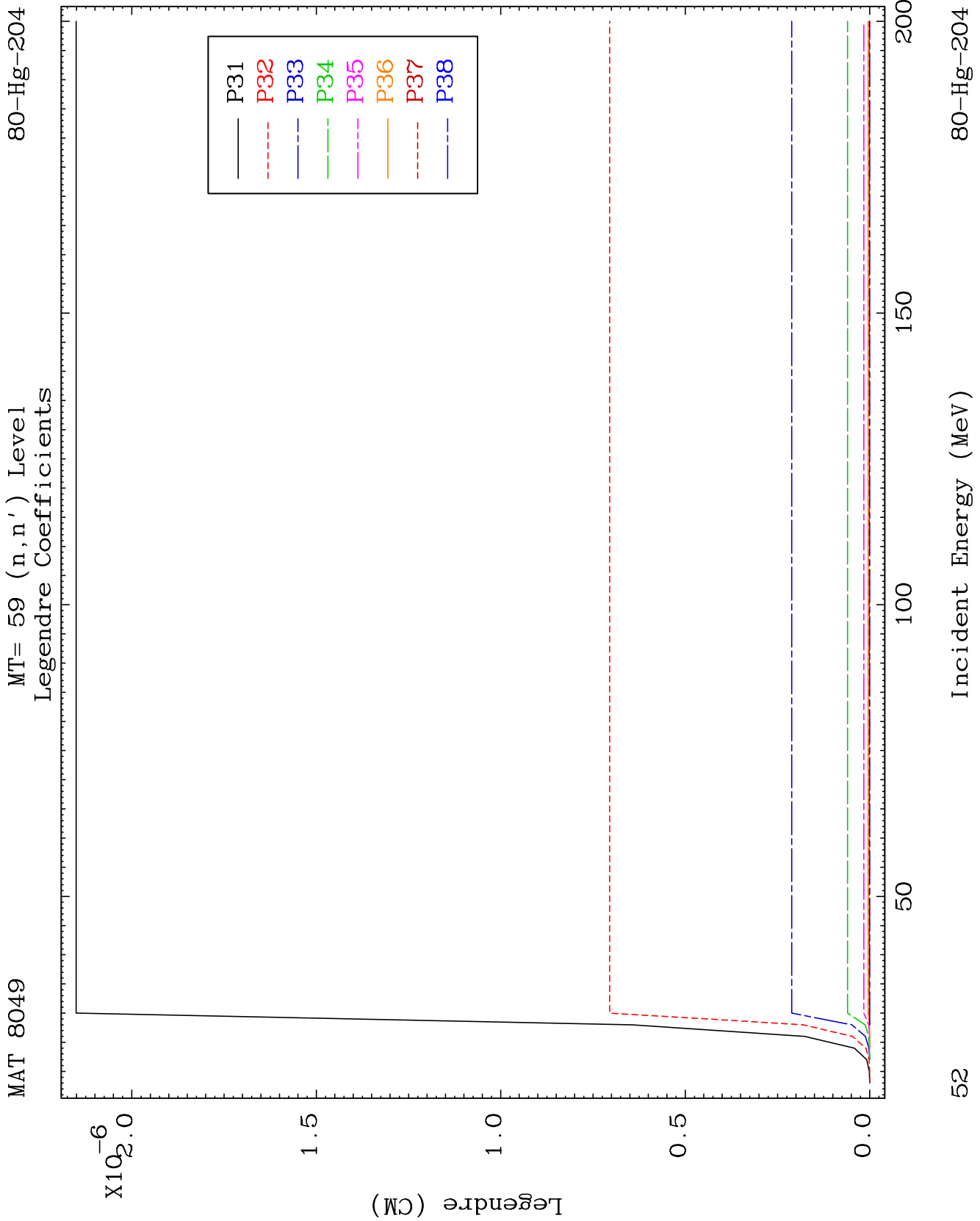
80-Hg-204



51

Incident Energy (MeV)

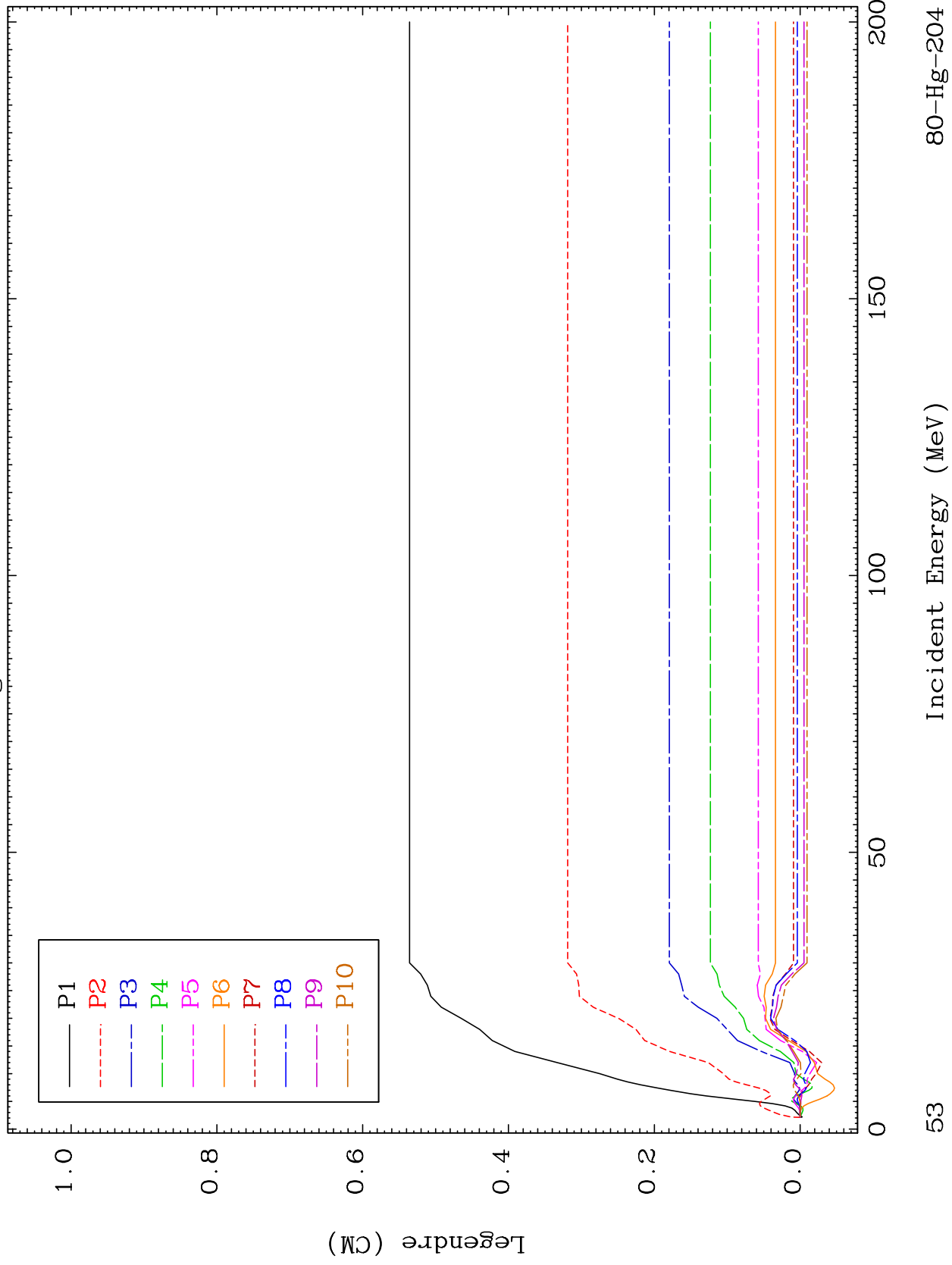
80-Hg-204



MAT 8049

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

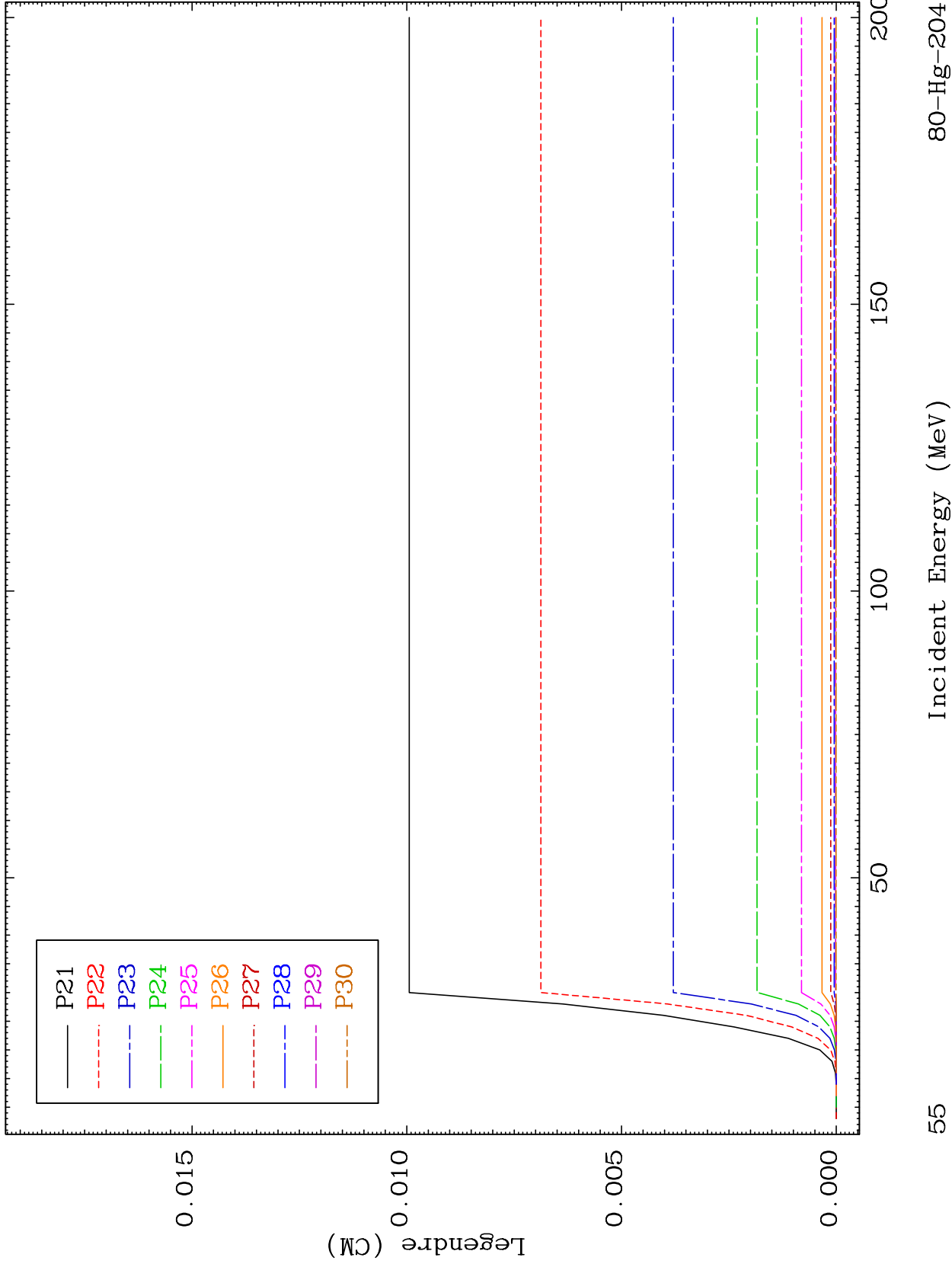
80-Hg-204



MAT 8049

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

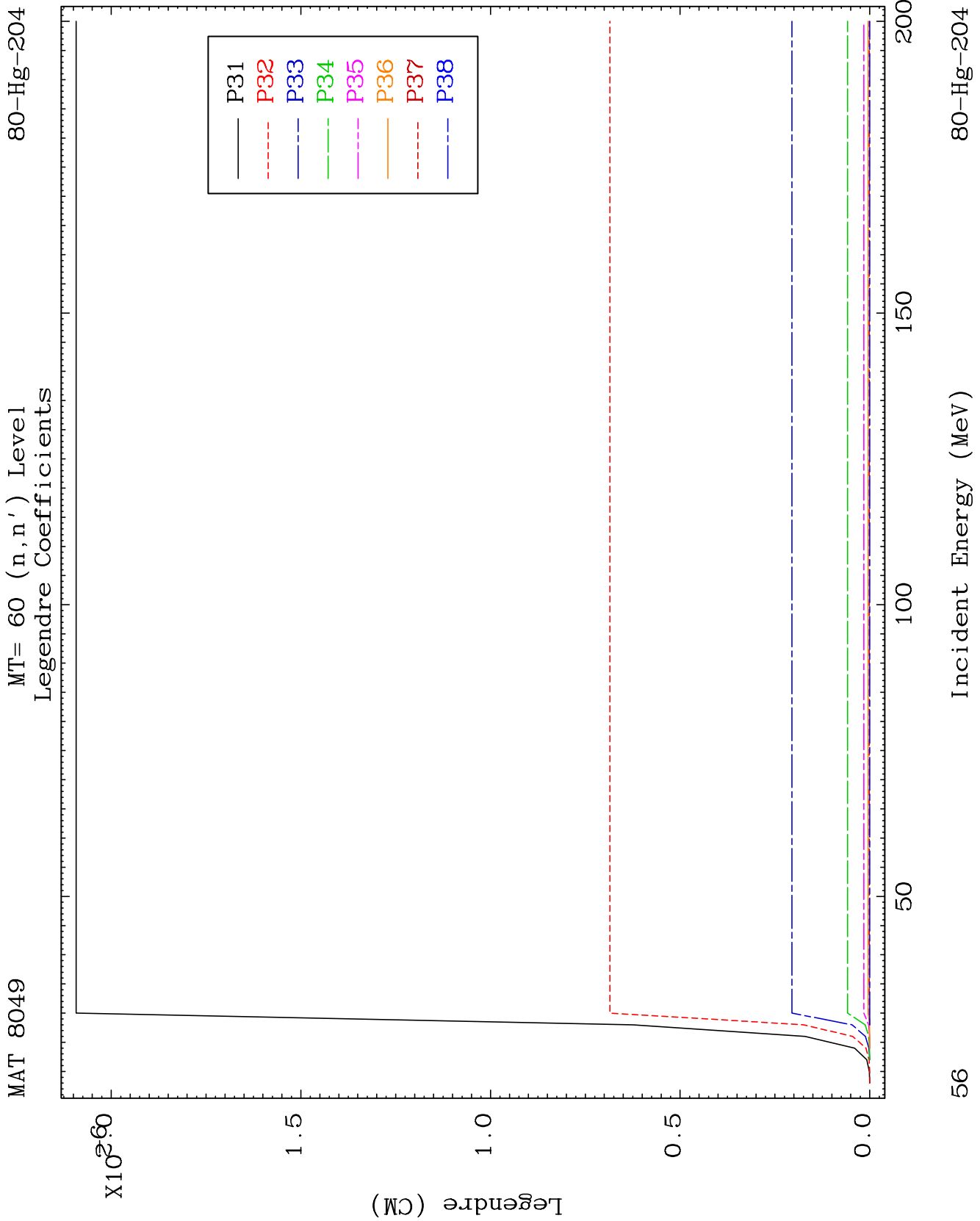
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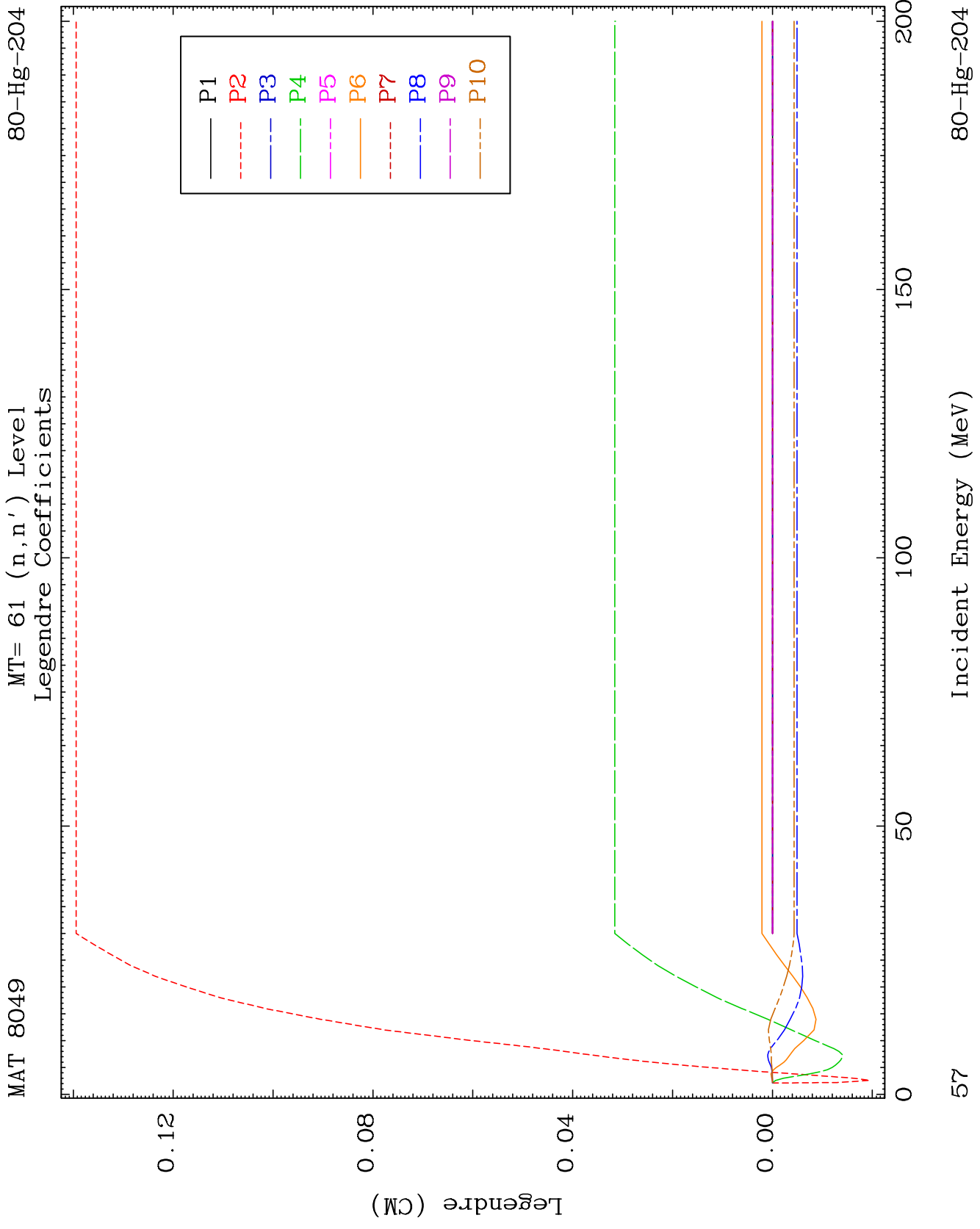


55

Incident Energy (MeV)

80-Hg-204

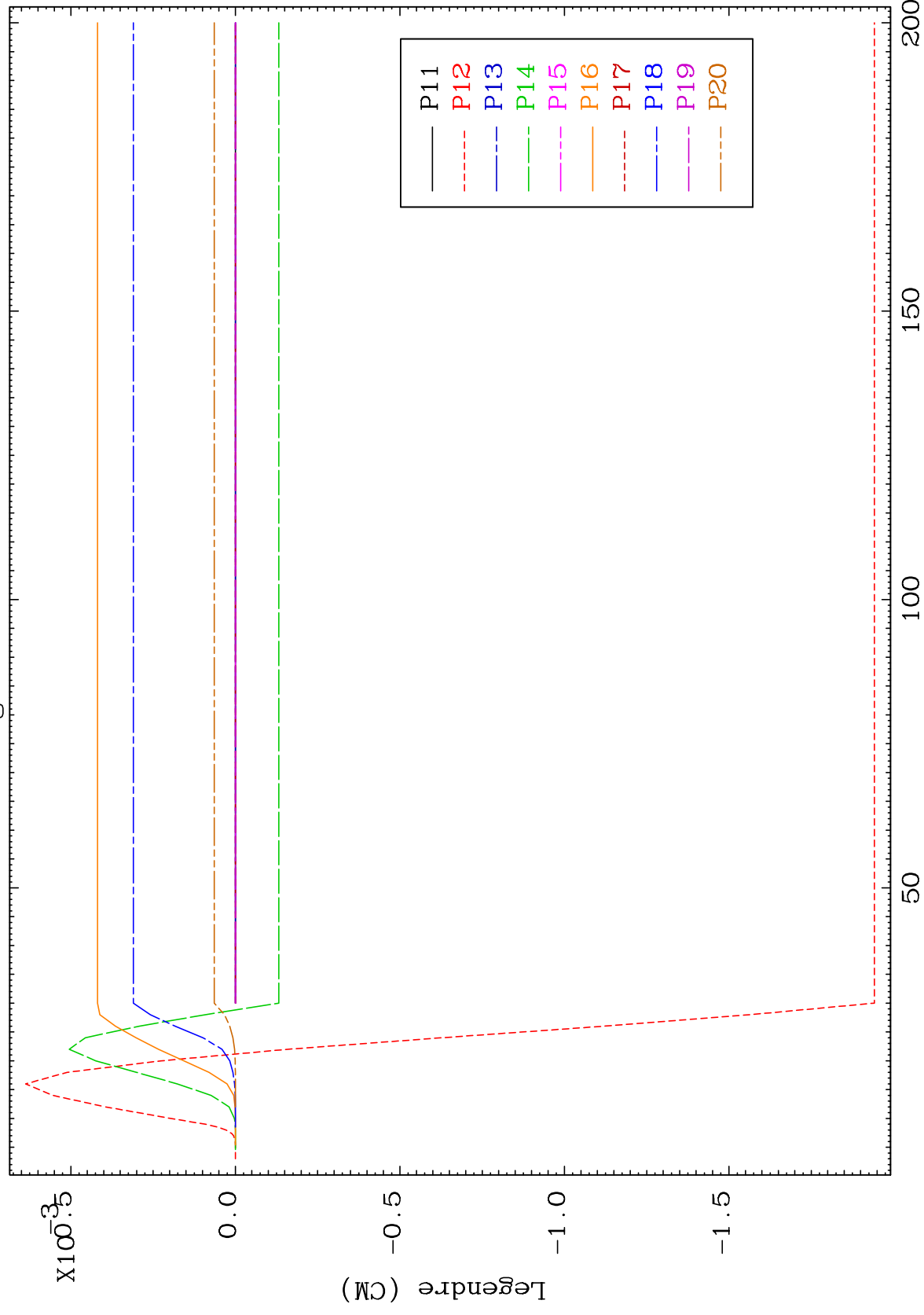




MAT 8049

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

80-Hg-204



58

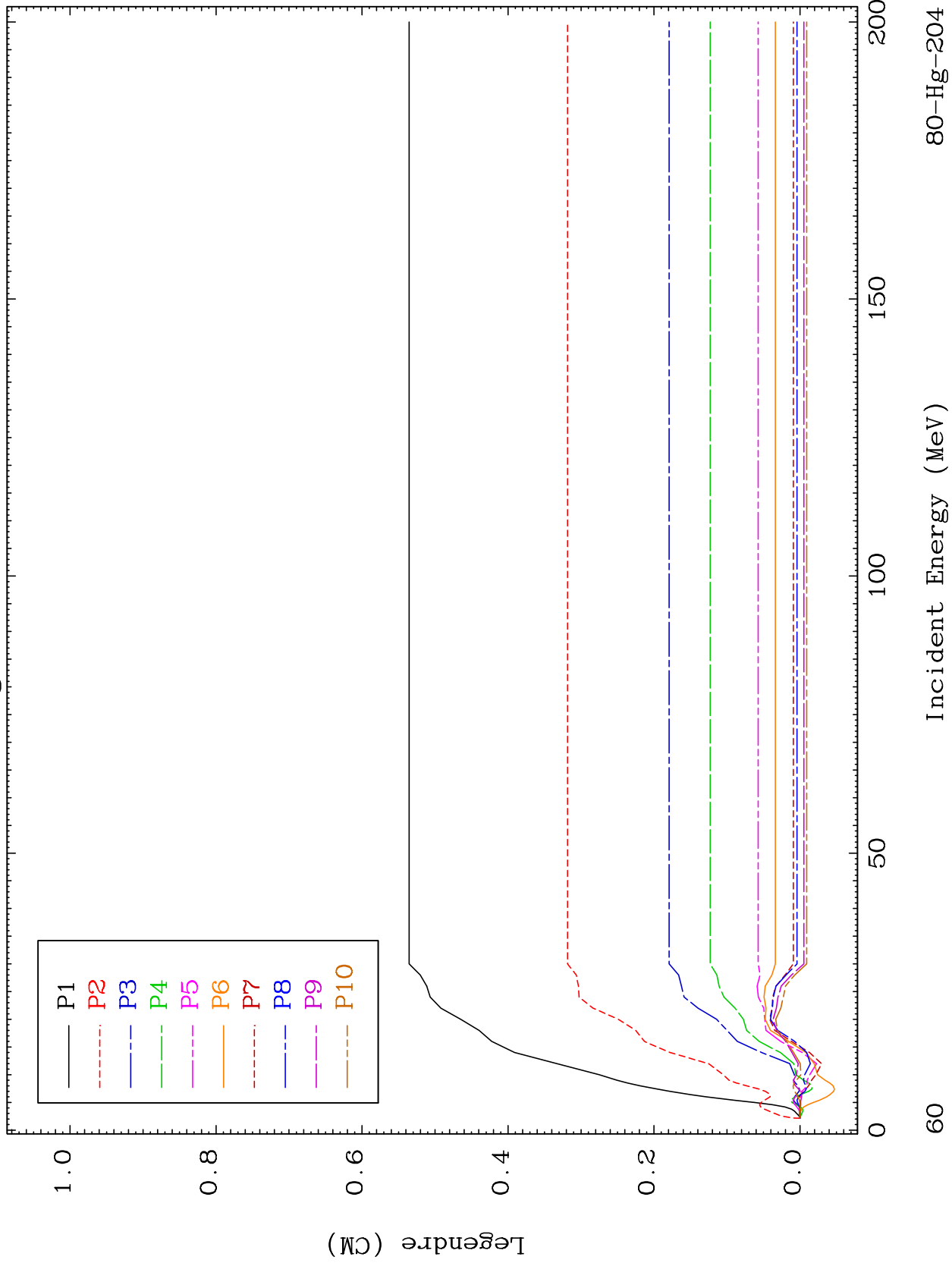
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

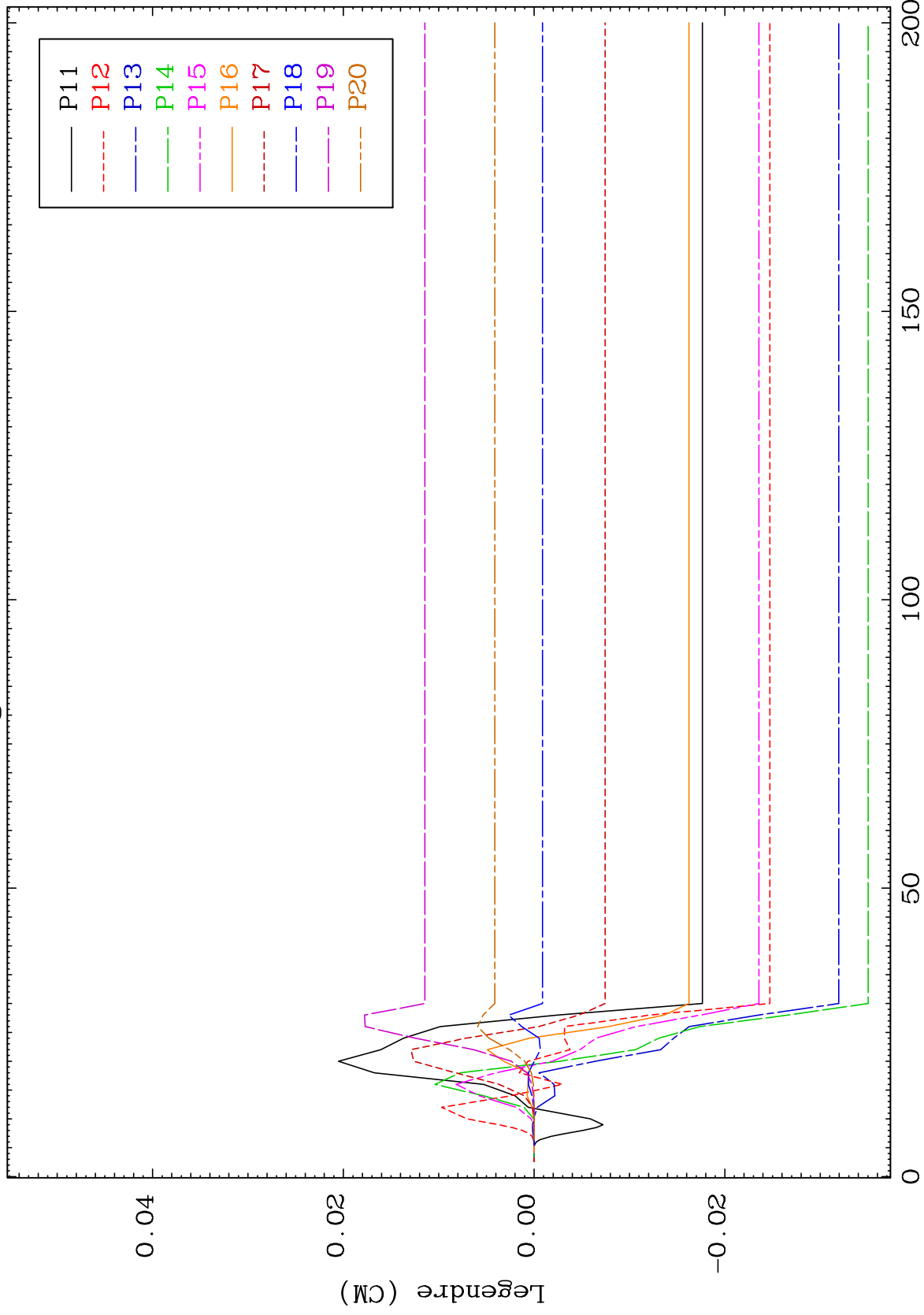
80-Hg-204



MAT 8049

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

80-Hg-204



61

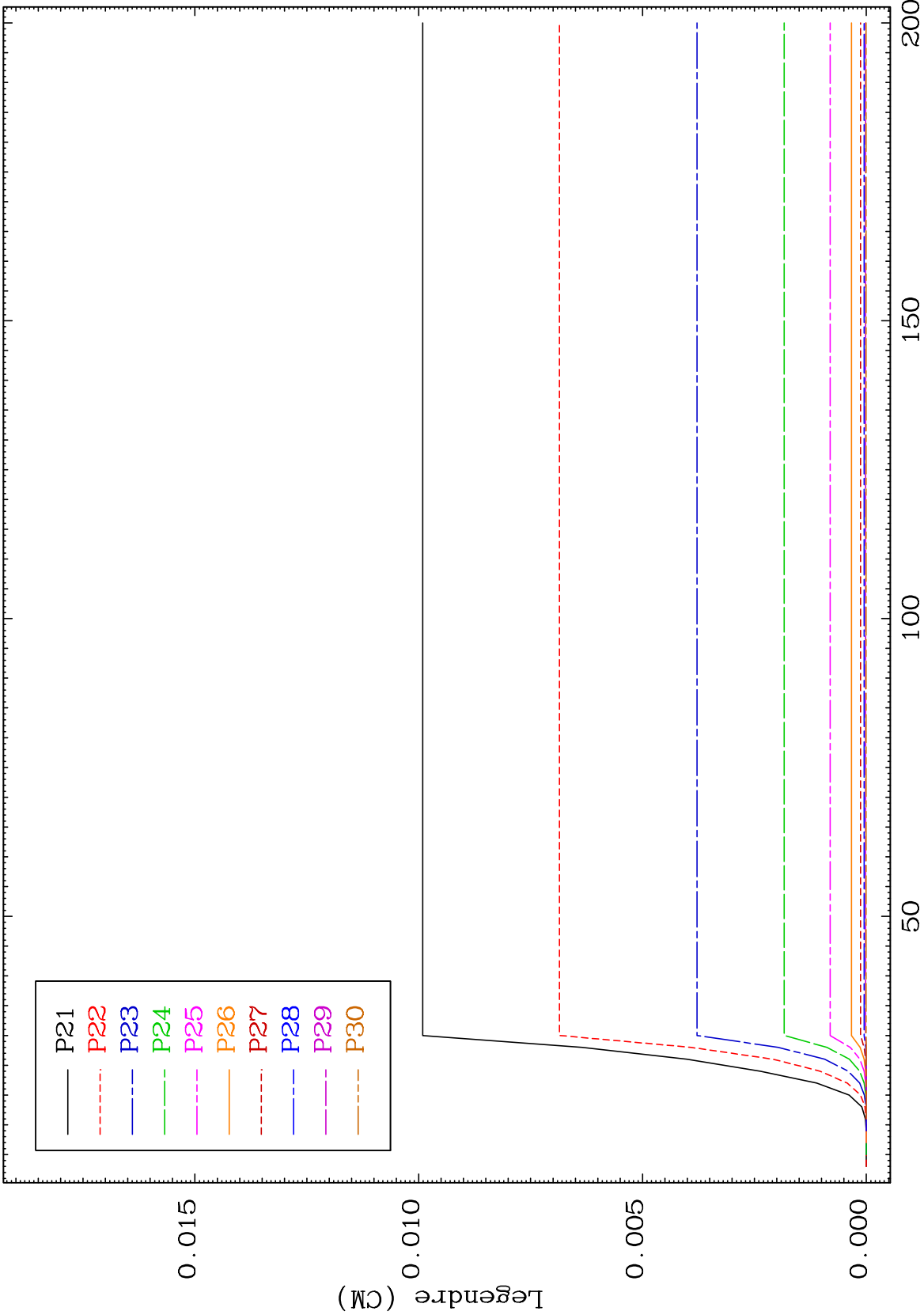
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



62

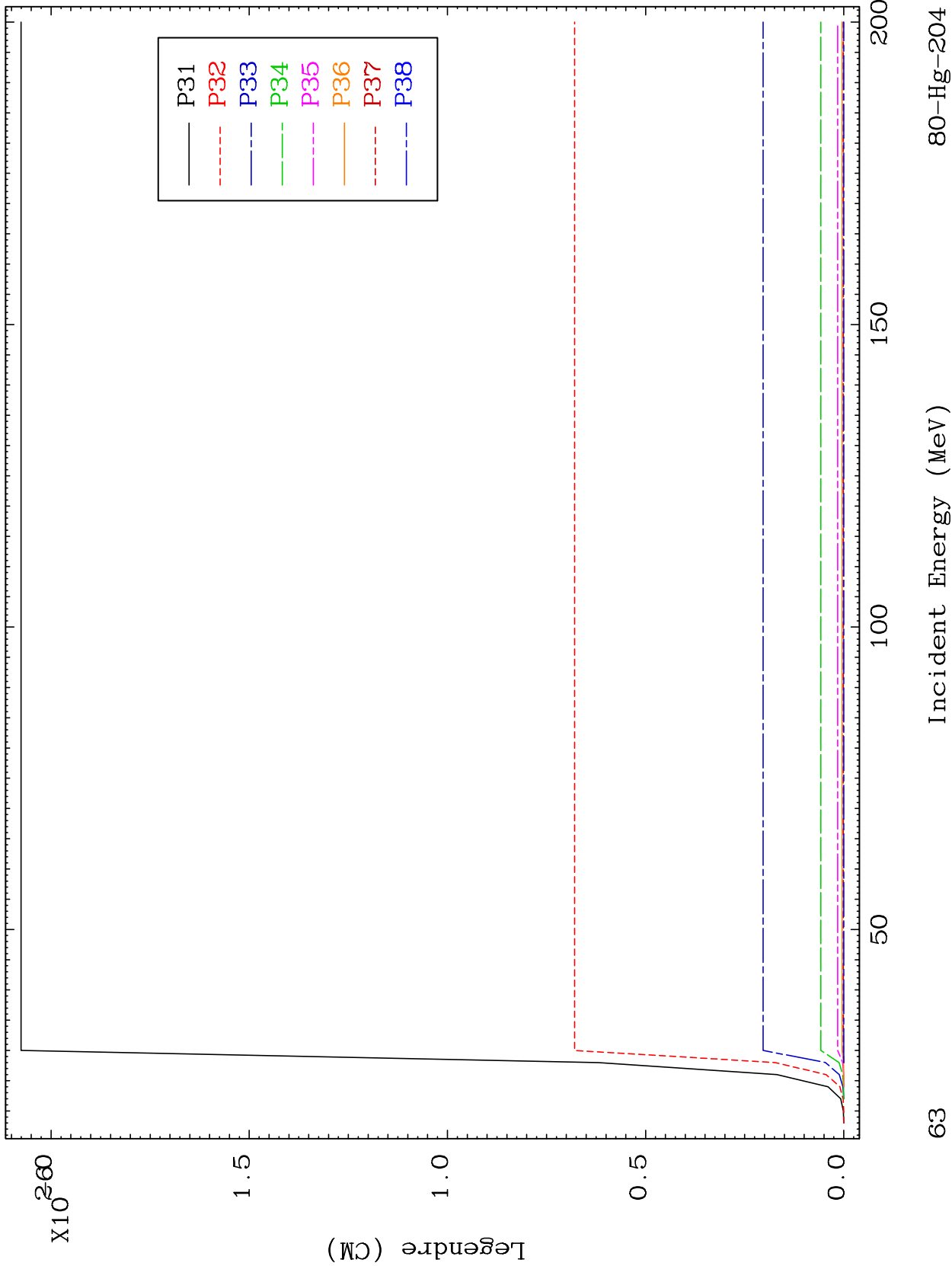
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



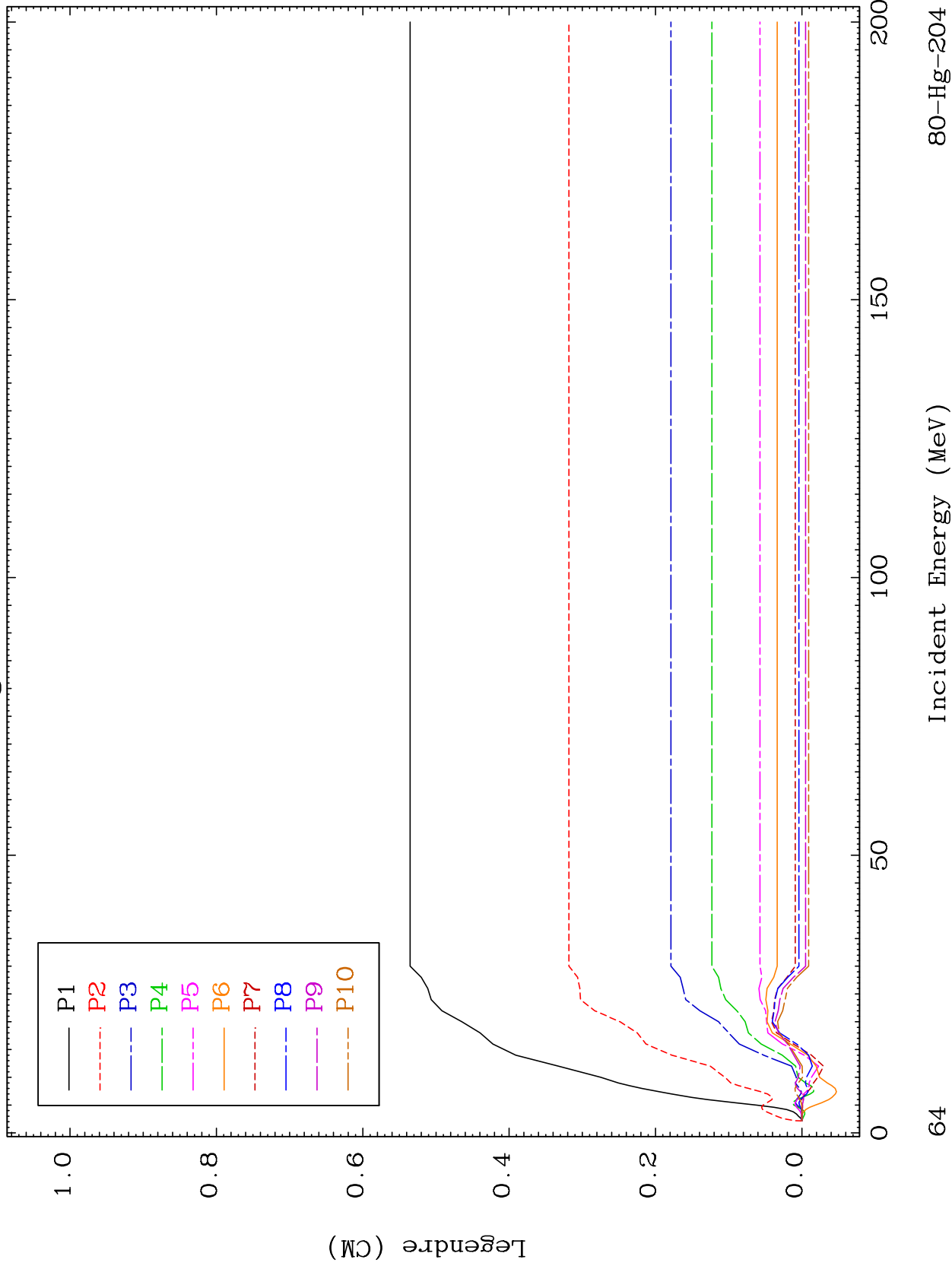
63

80-Hg-204

MAT 8049

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

80-Hg-204



80-Hg-204

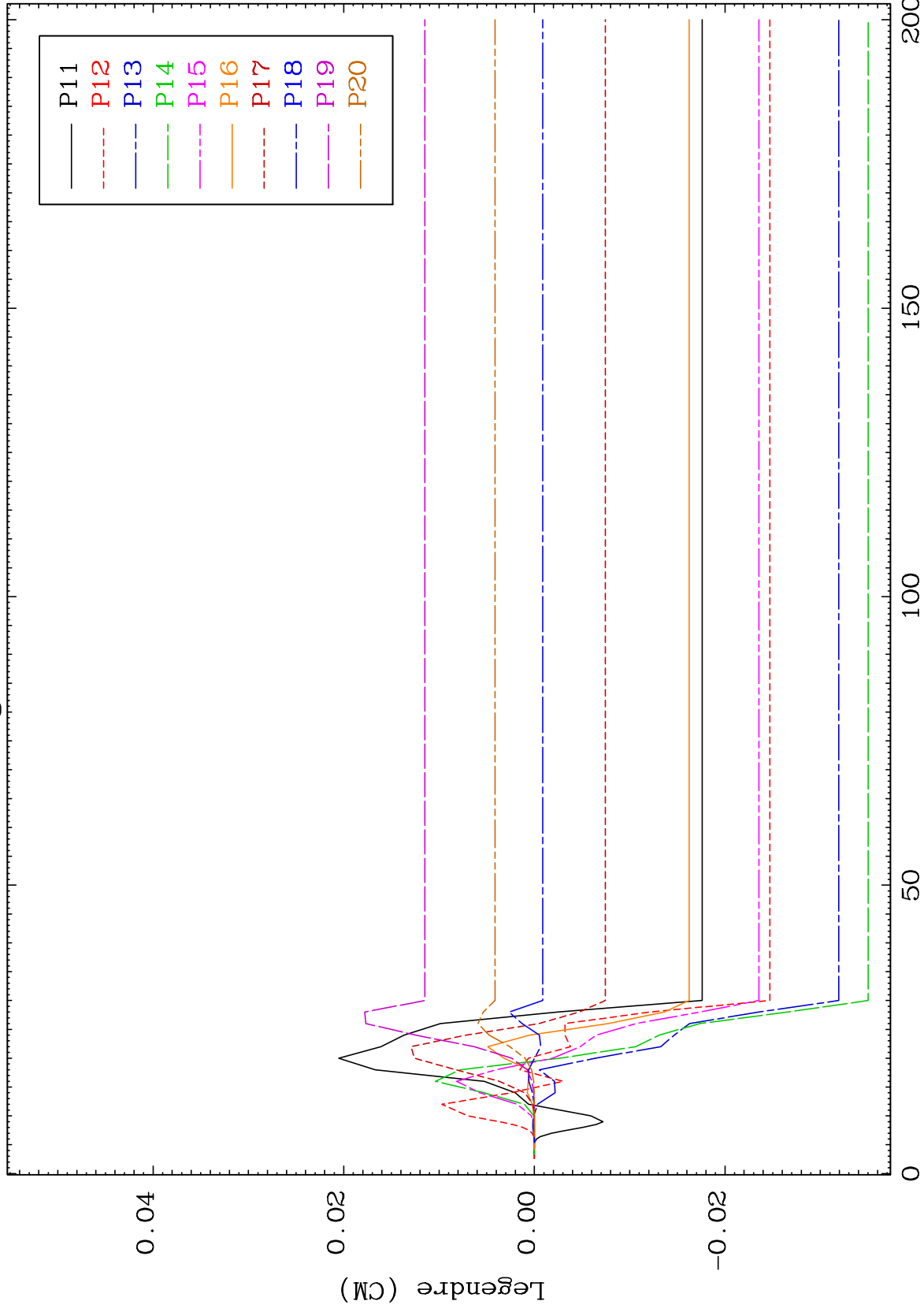
Incident Energy (MeV)

64

MAT 8049

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

80-Hg-204



65

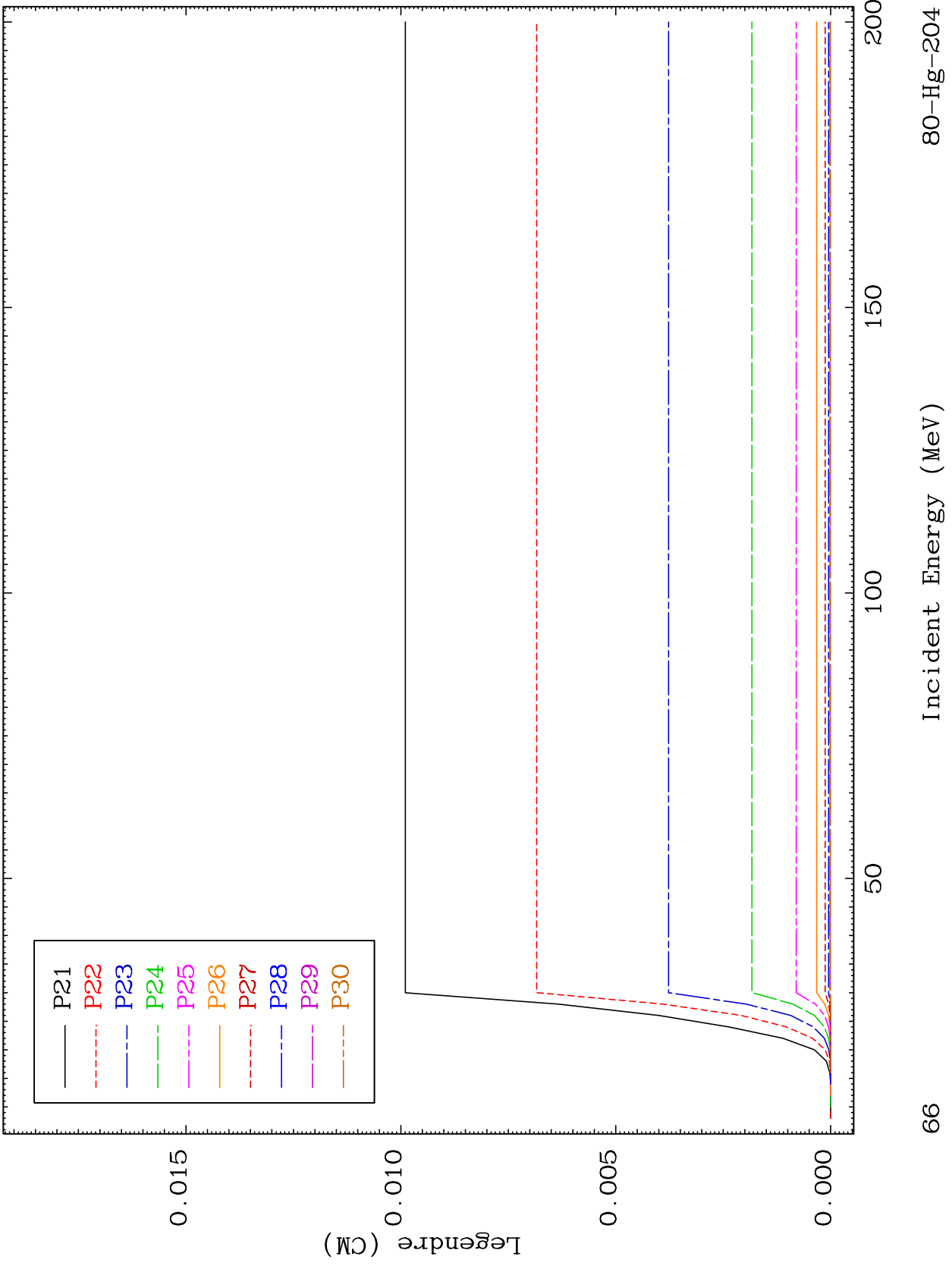
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

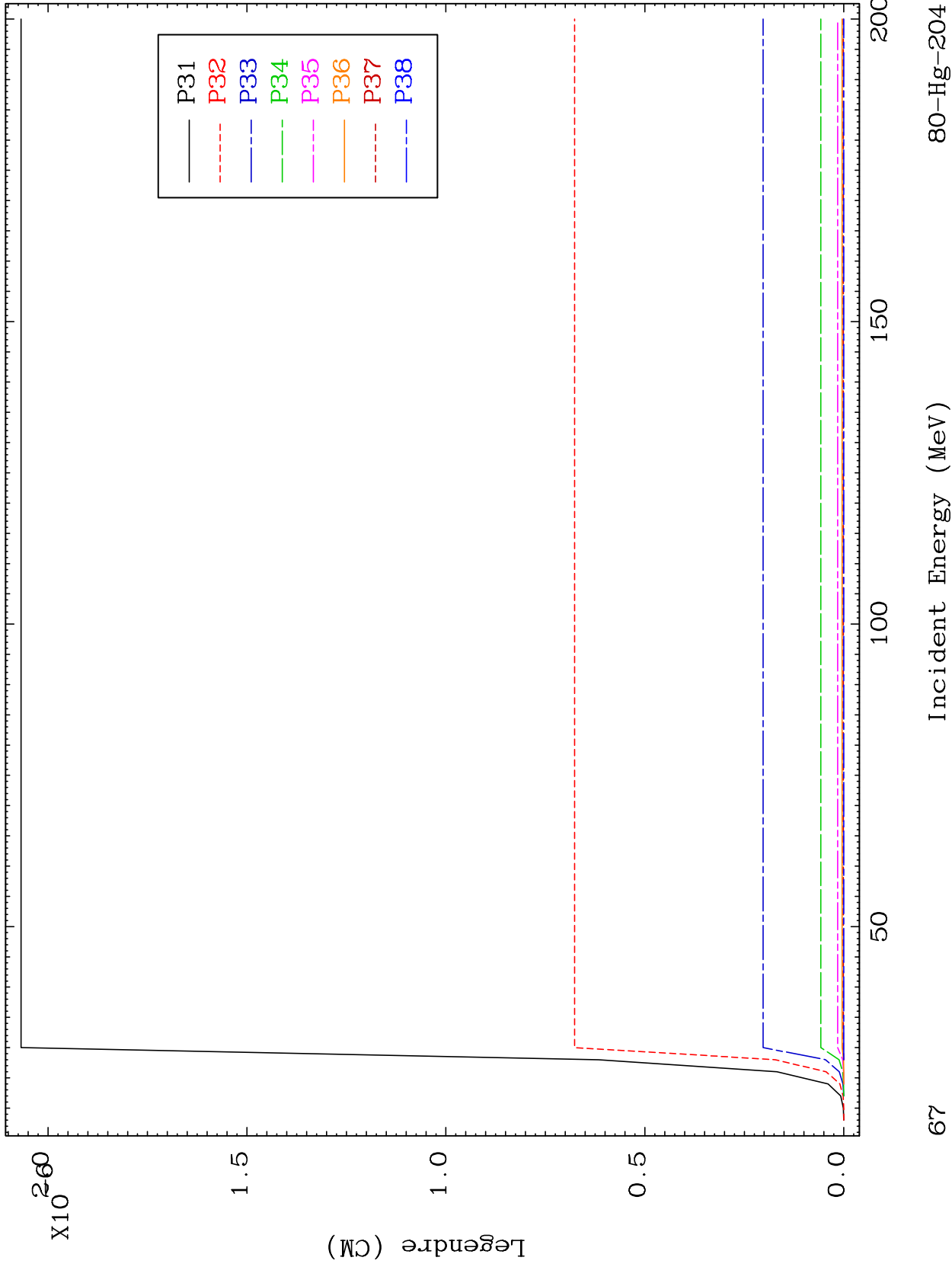
80-Hg-204



MAT 8049

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

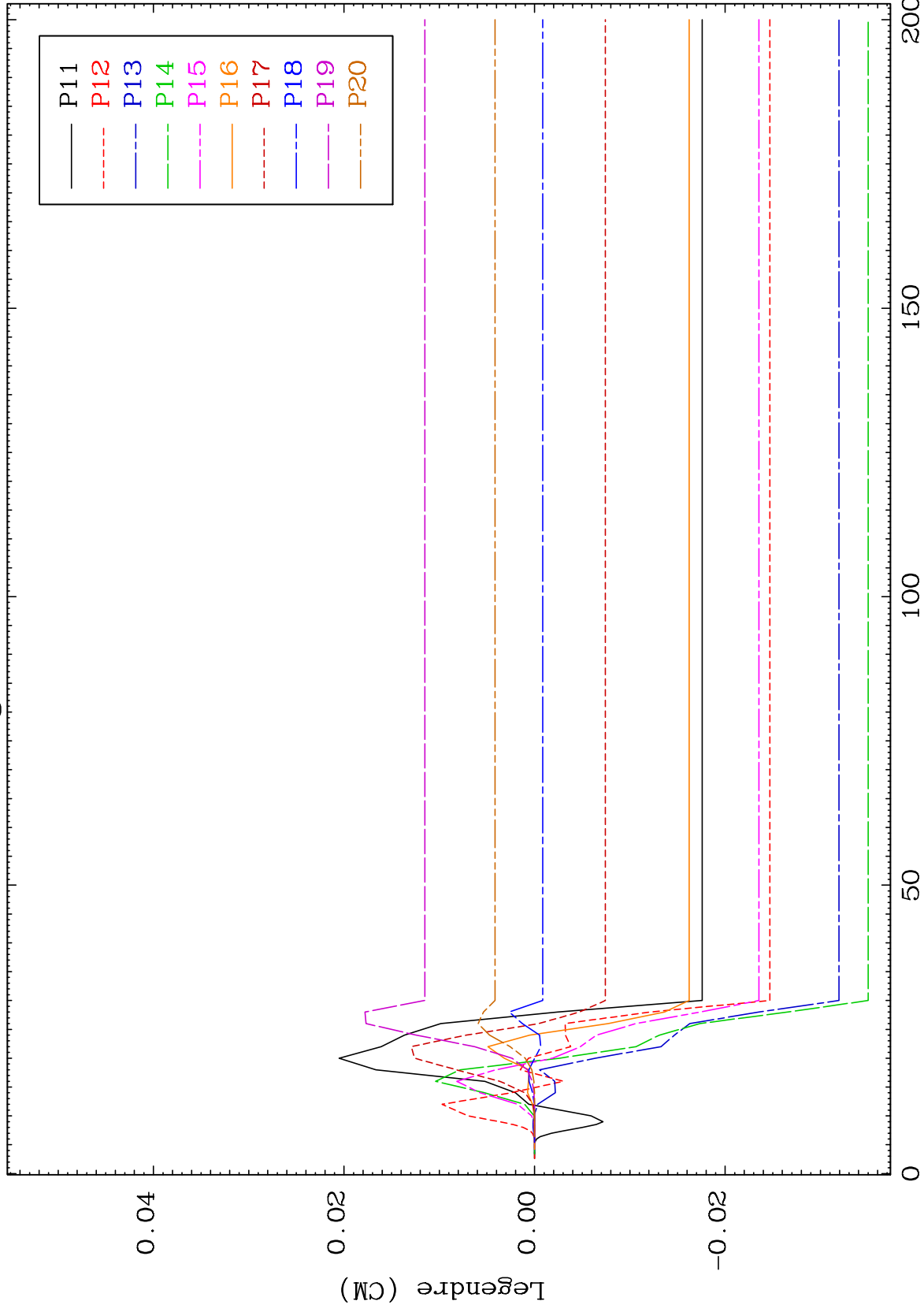
80-Hg-204



MAT 8049

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

80-Hg-204



69

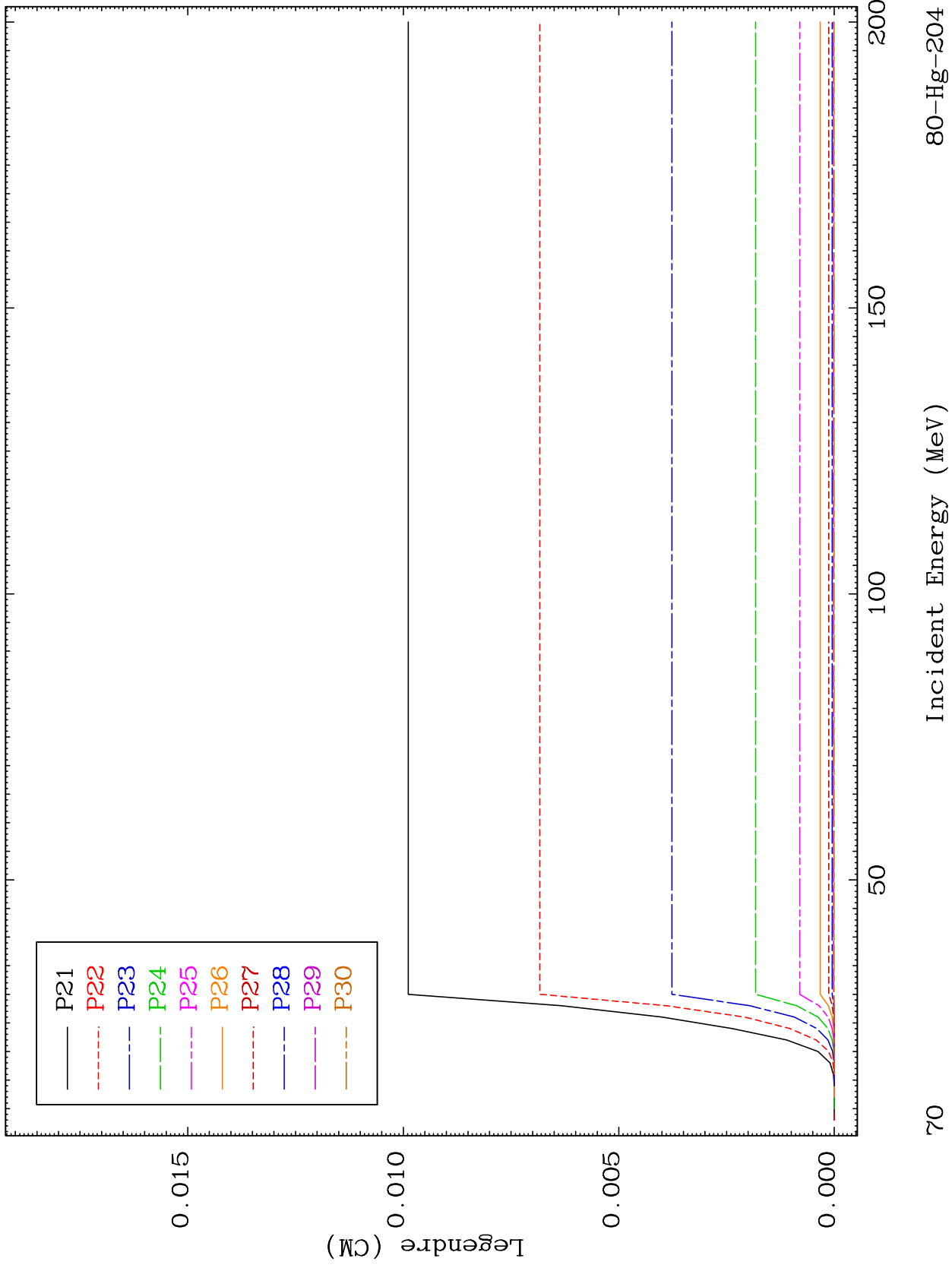
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



70

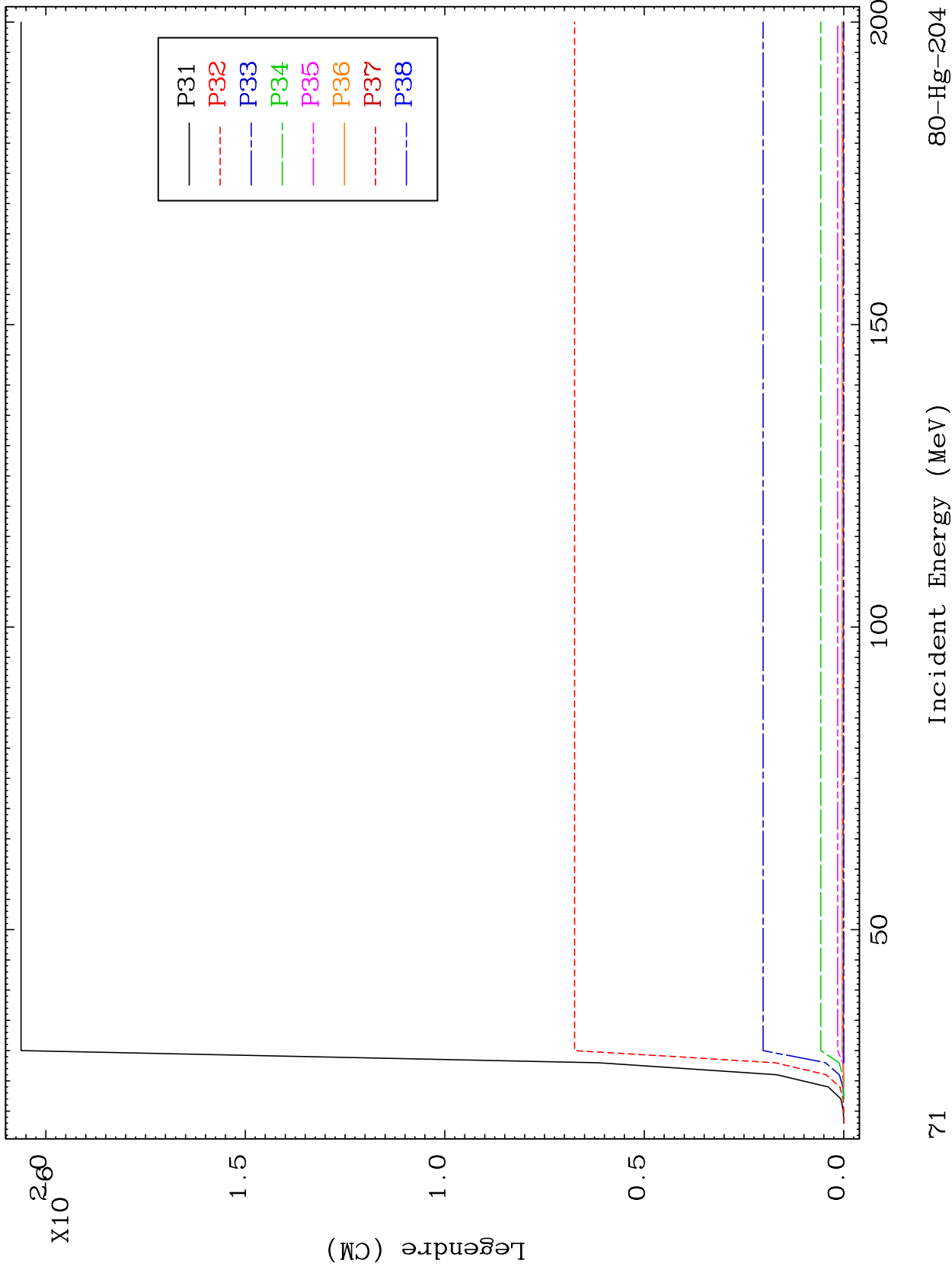
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

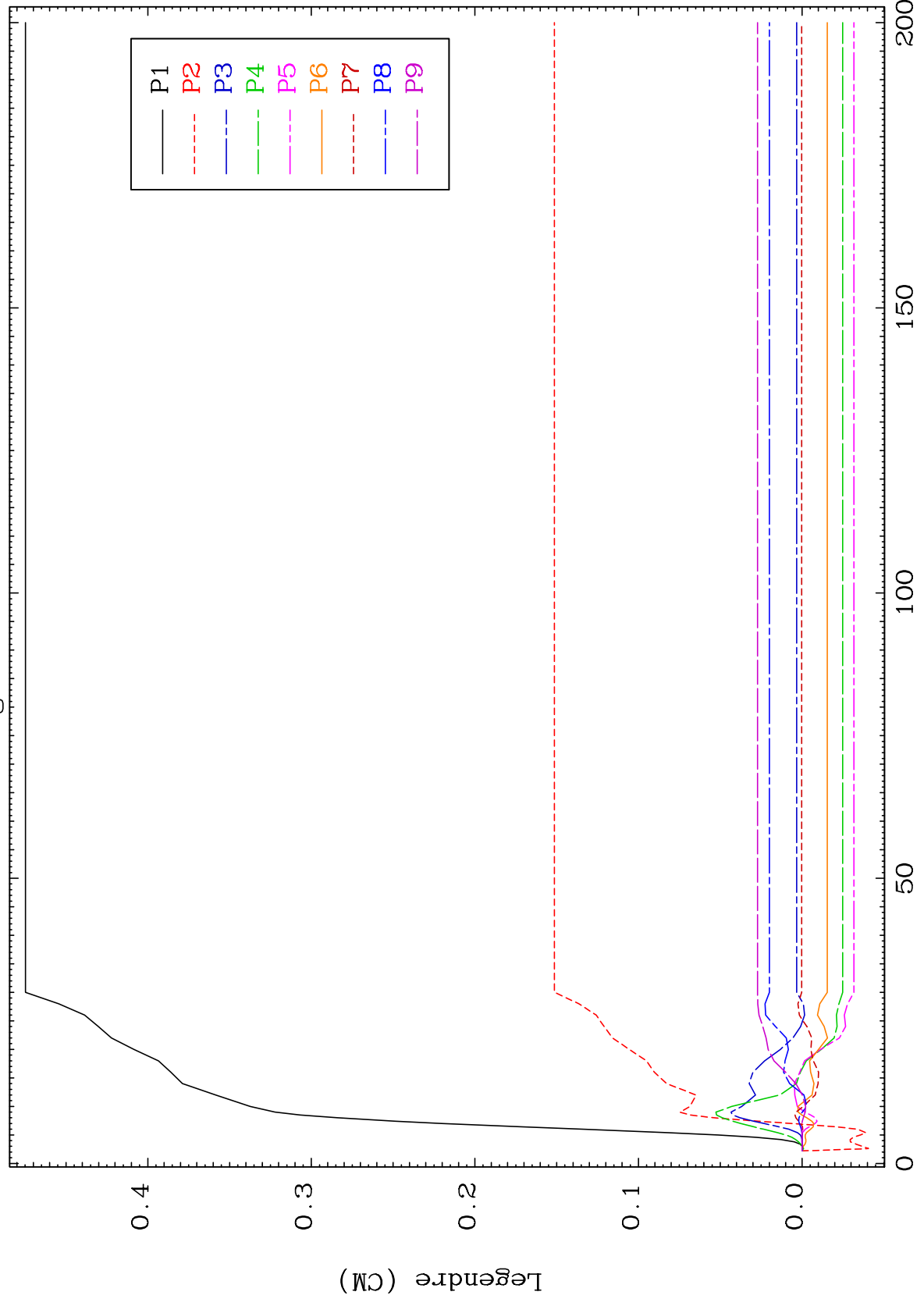
80-Hg-204



MAT 8049

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

80-Hg-204



72

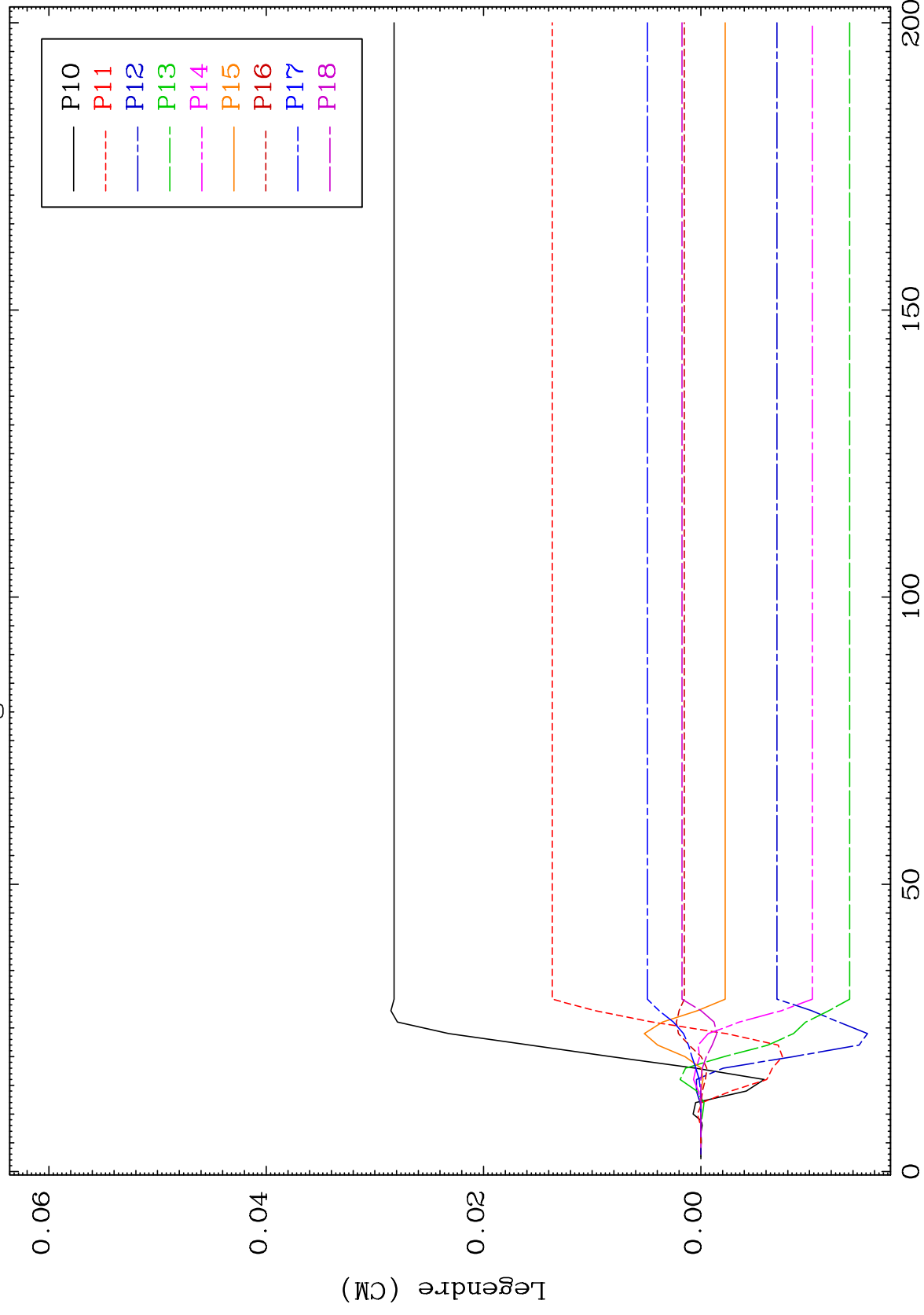
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



73

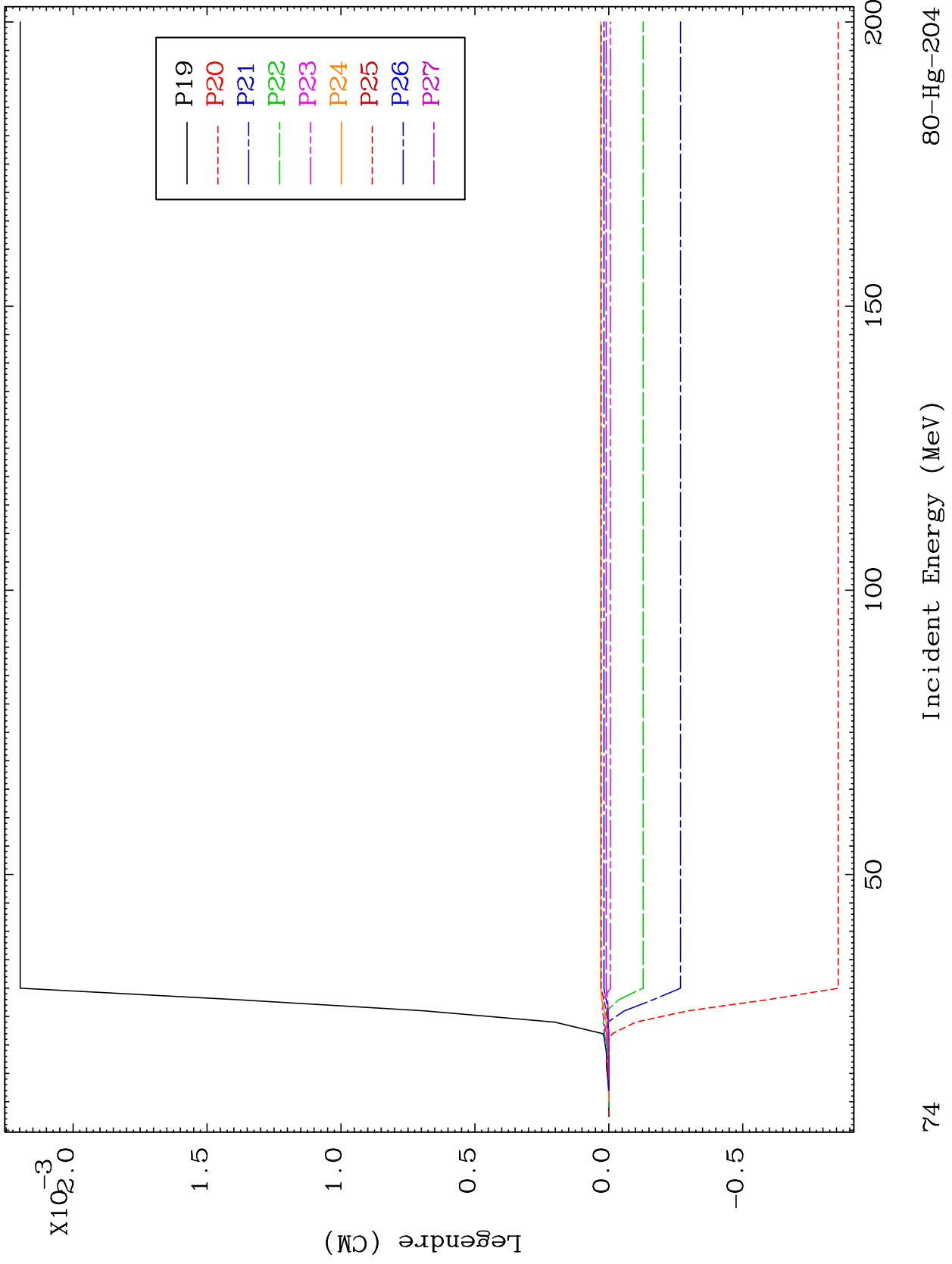
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

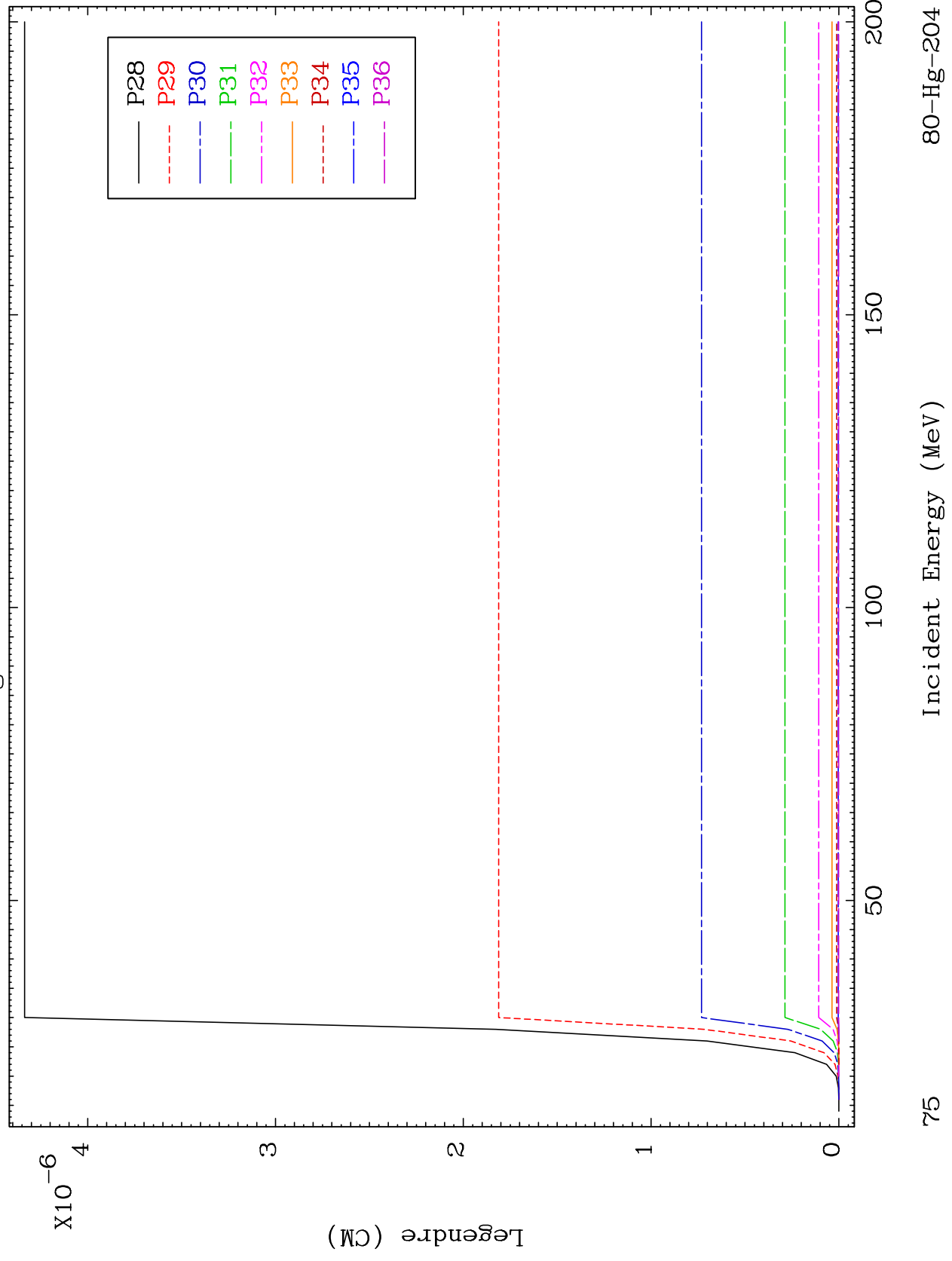
80-Hg-204



MAT 8049

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

80-Hg-204



75

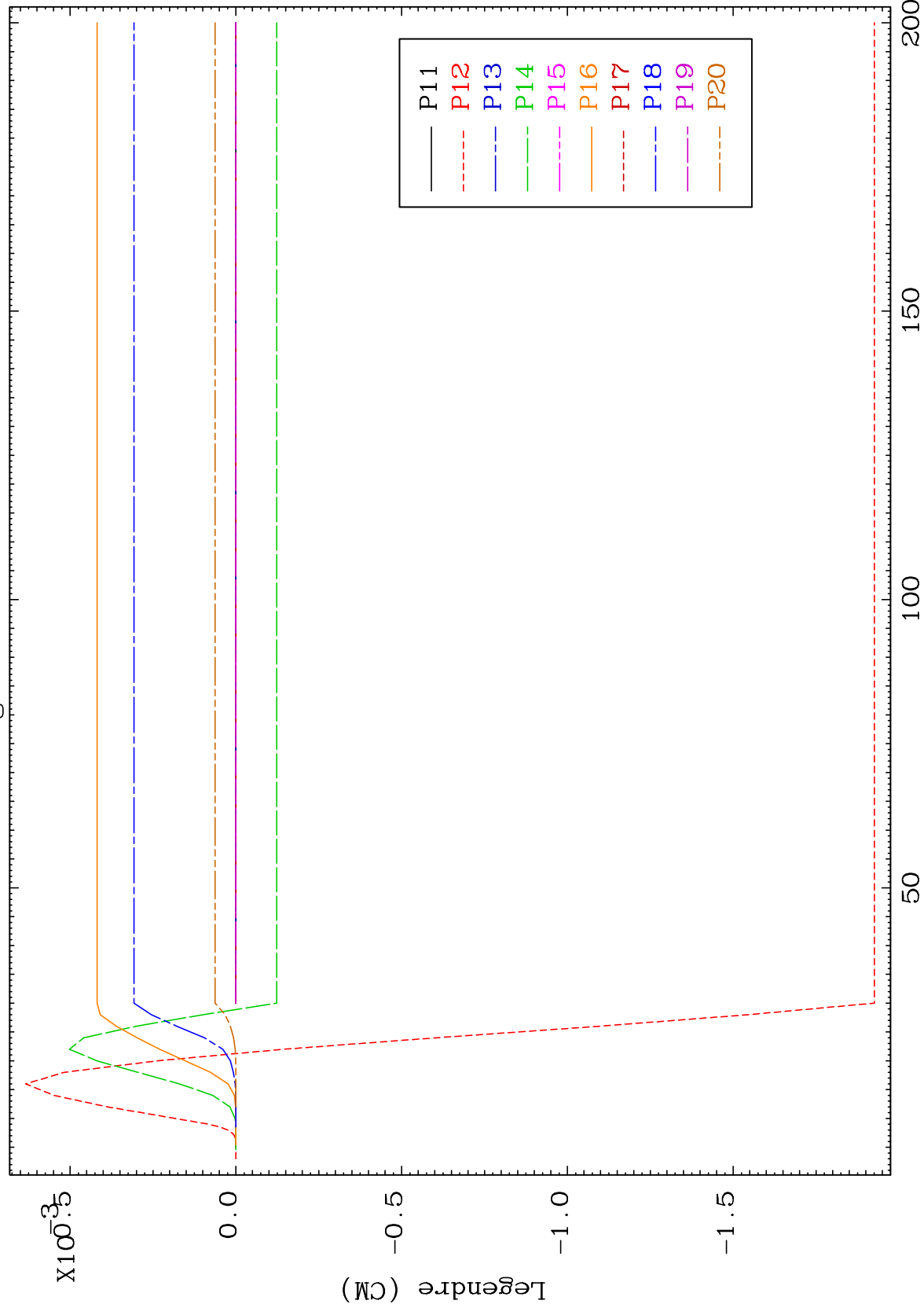
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

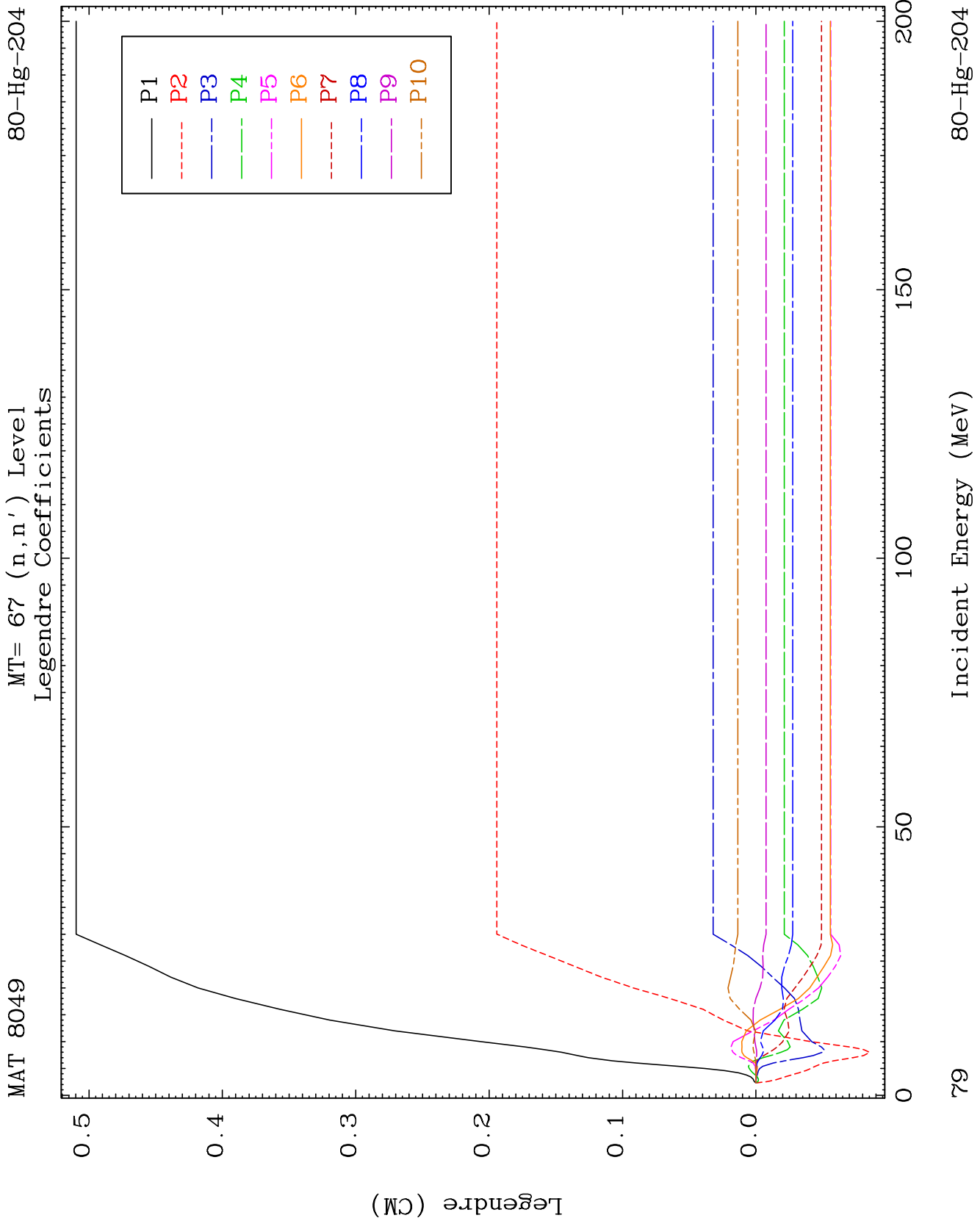
80-Hg-204



77

Incident Energy (MeV)

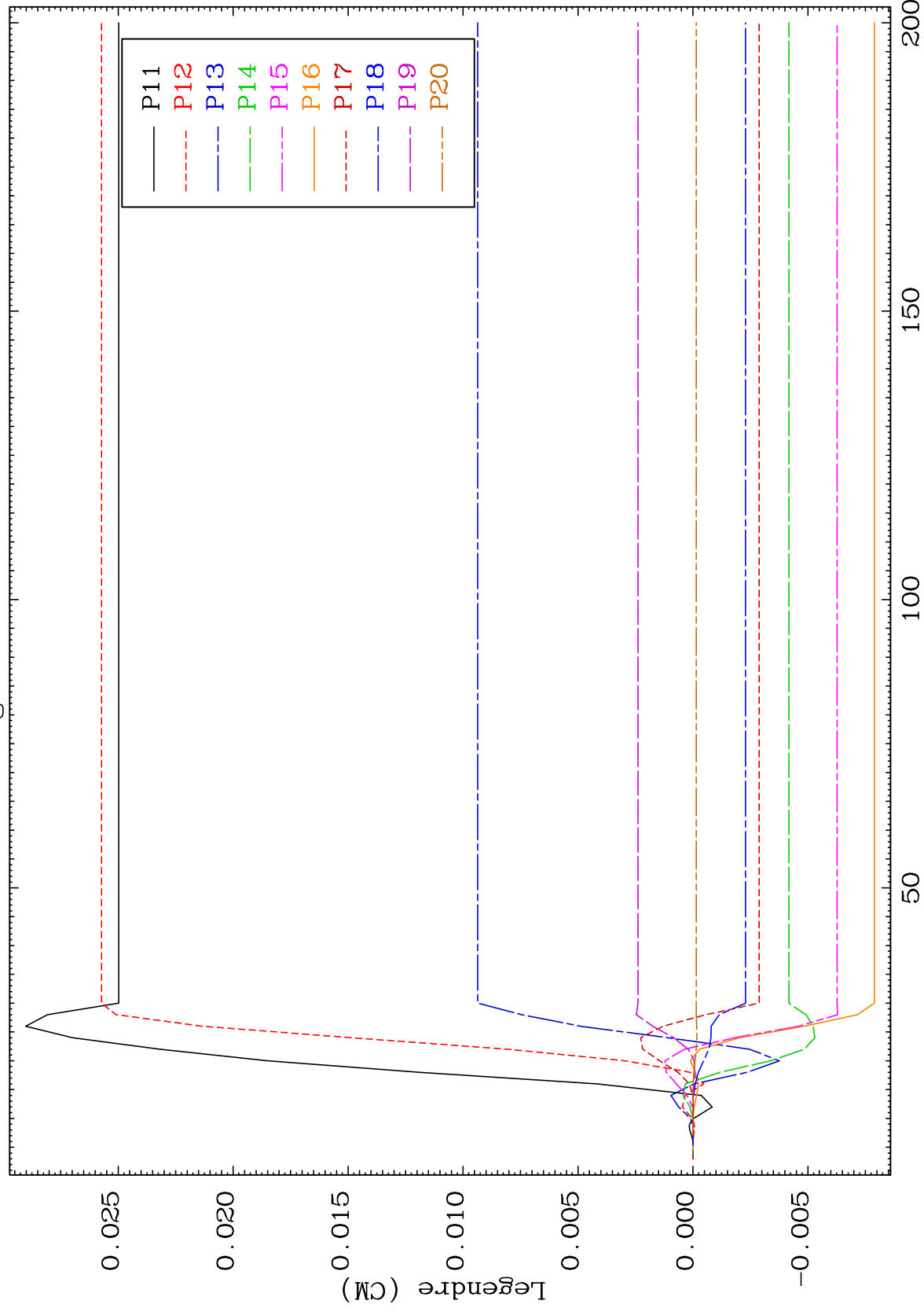
80-Hg-204



MAT 8049

MT= 67 (n,n') Level
Legendre Coefficients

80-Hg-204



80

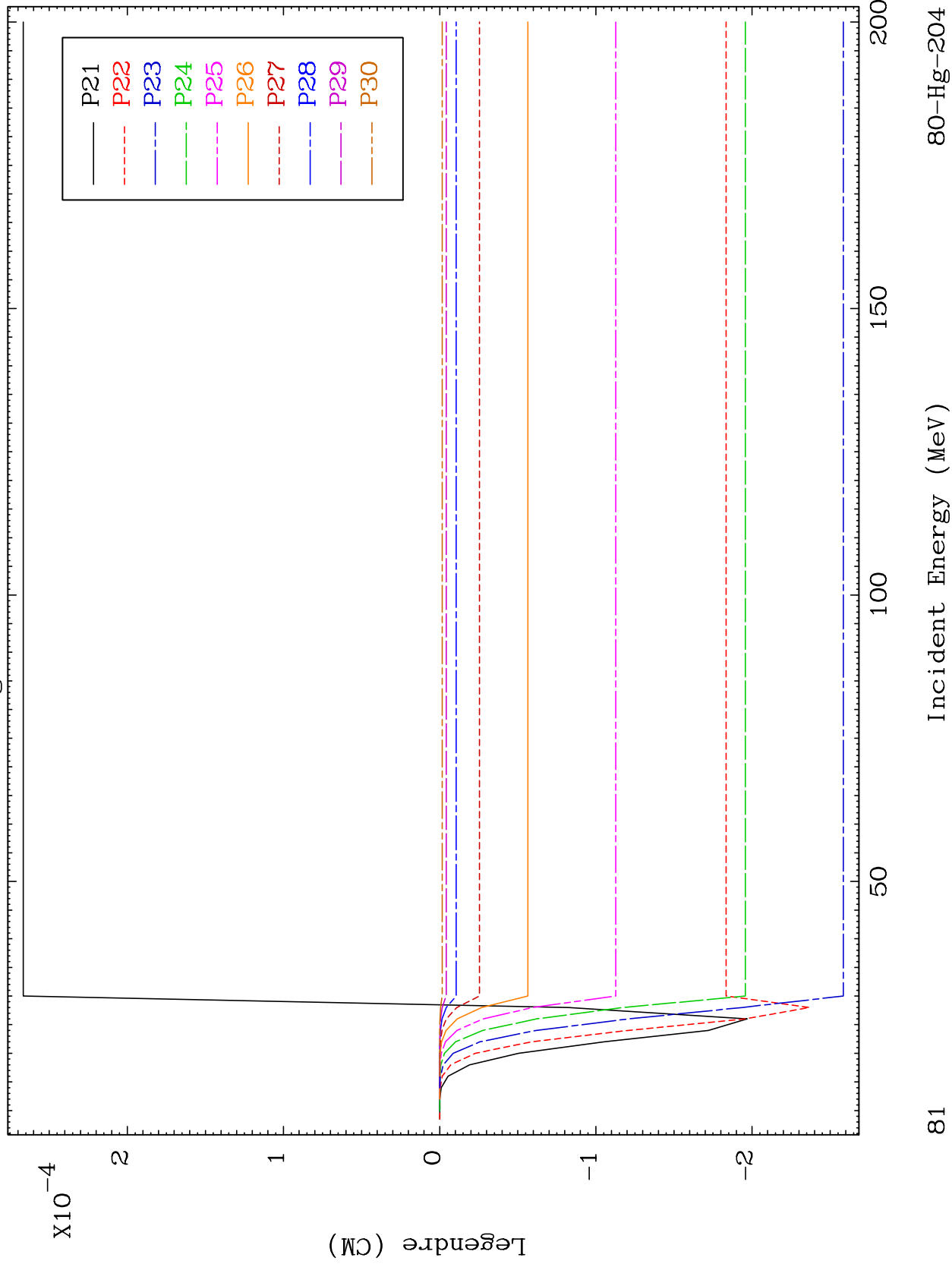
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 67 (n,n') Level
Legendre Coefficients

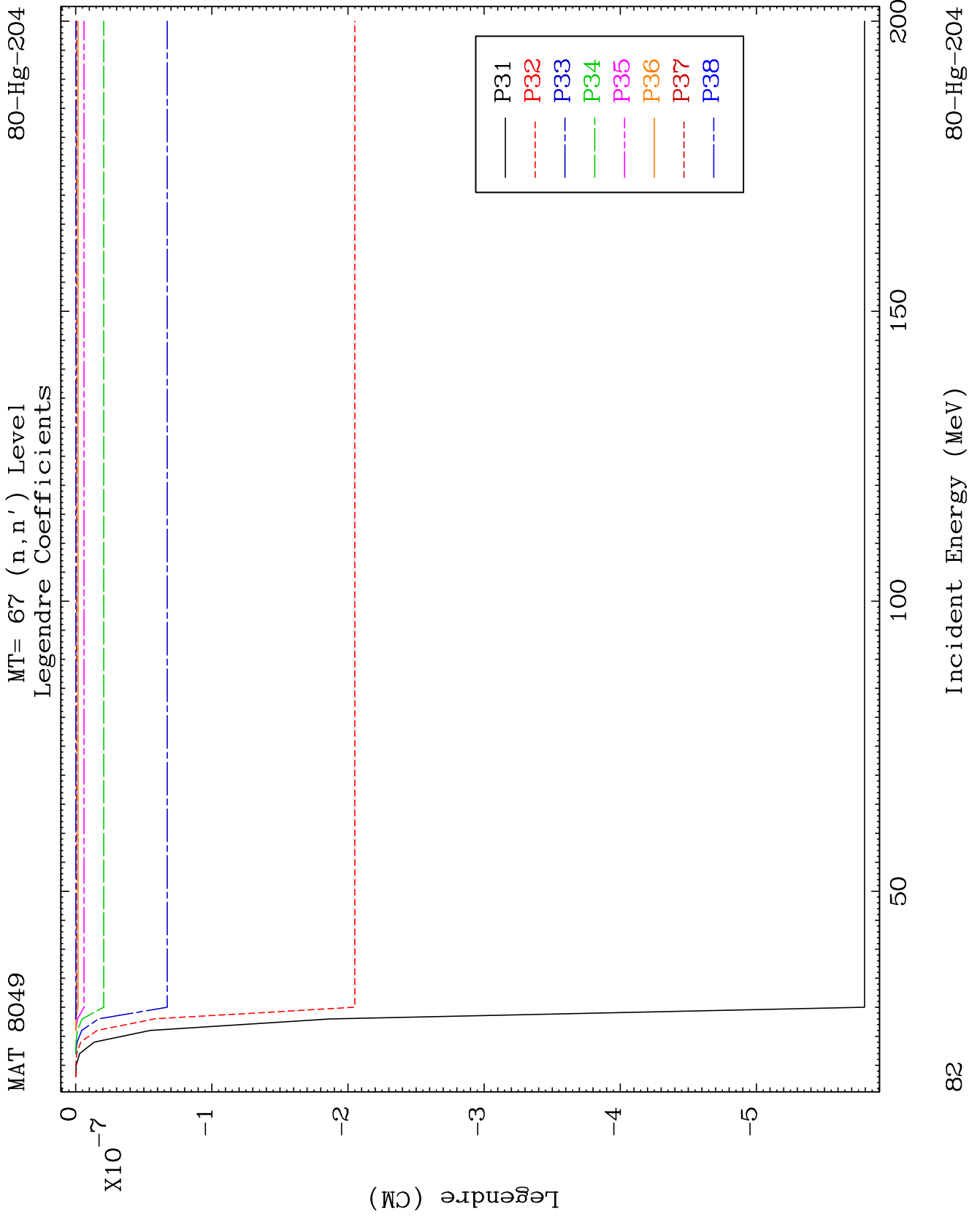
80-Hg-204

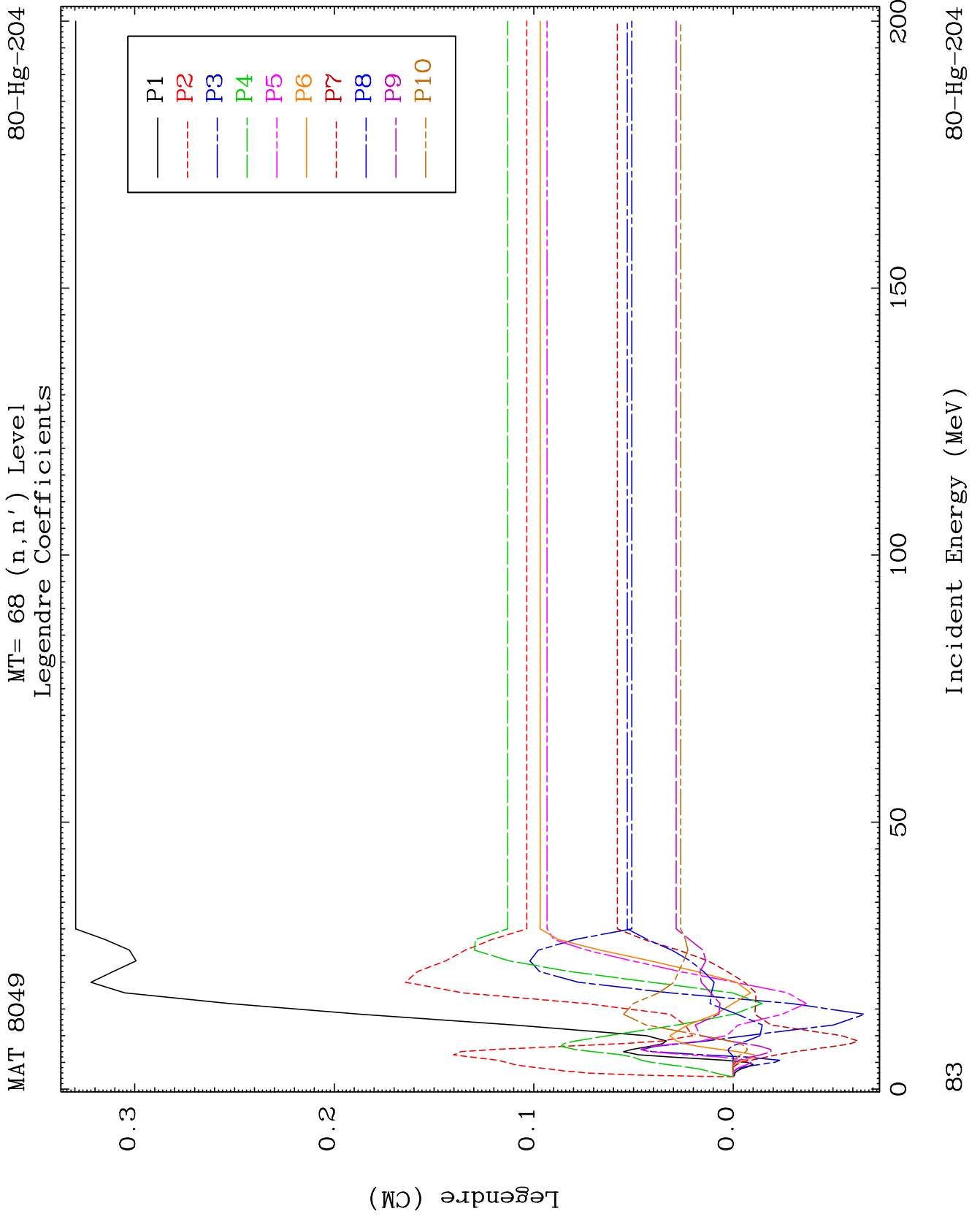


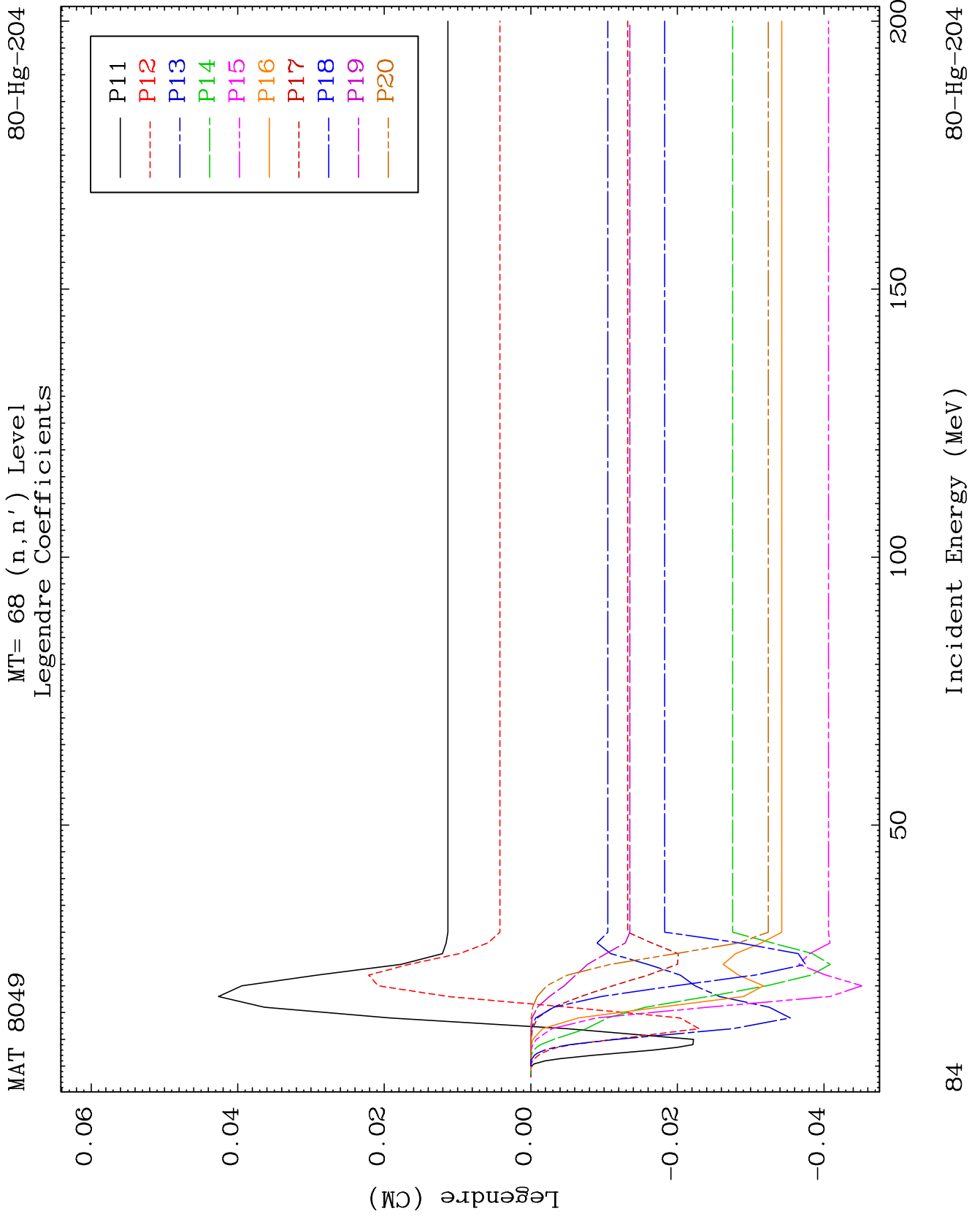
81

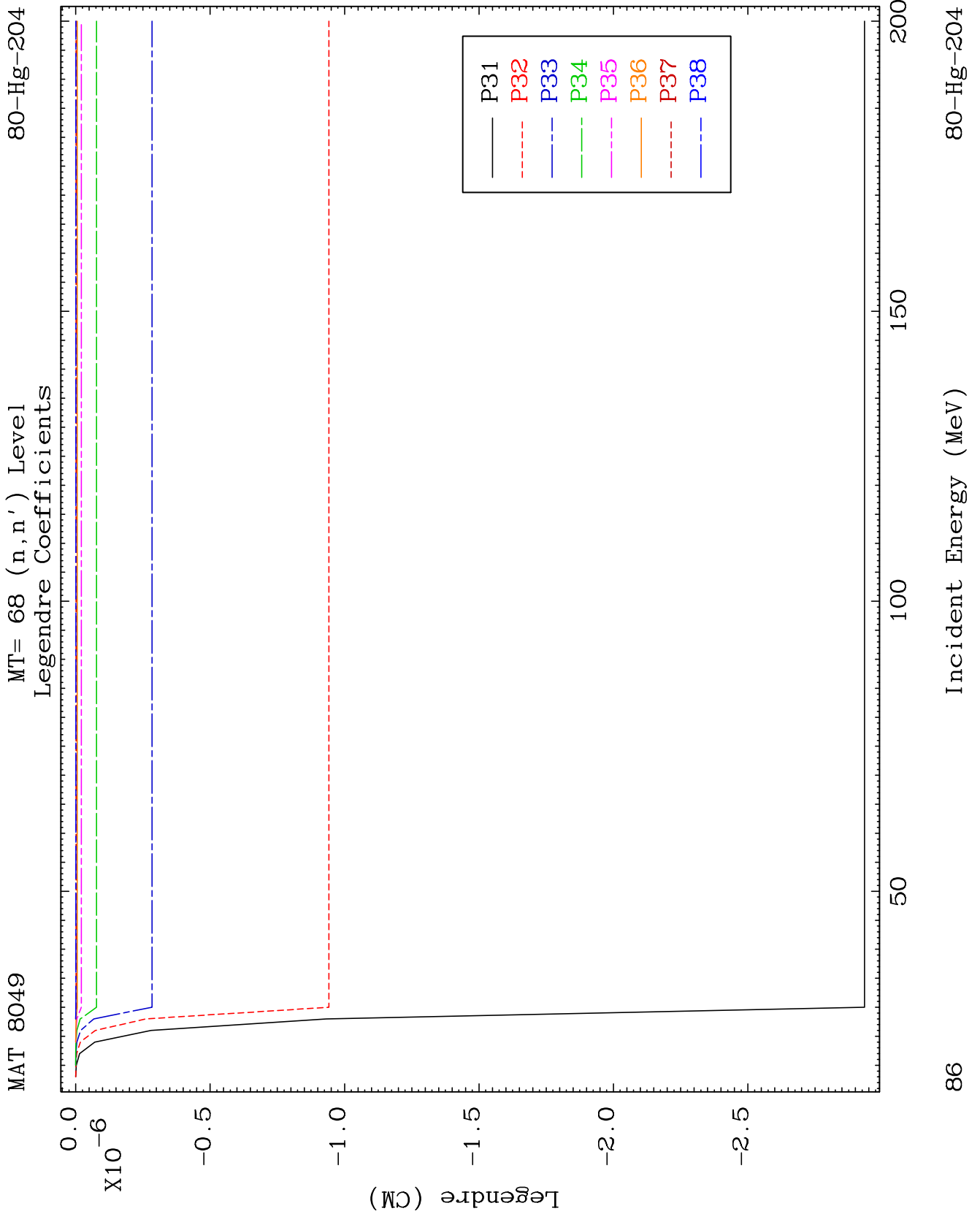
Incident Energy (MeV)

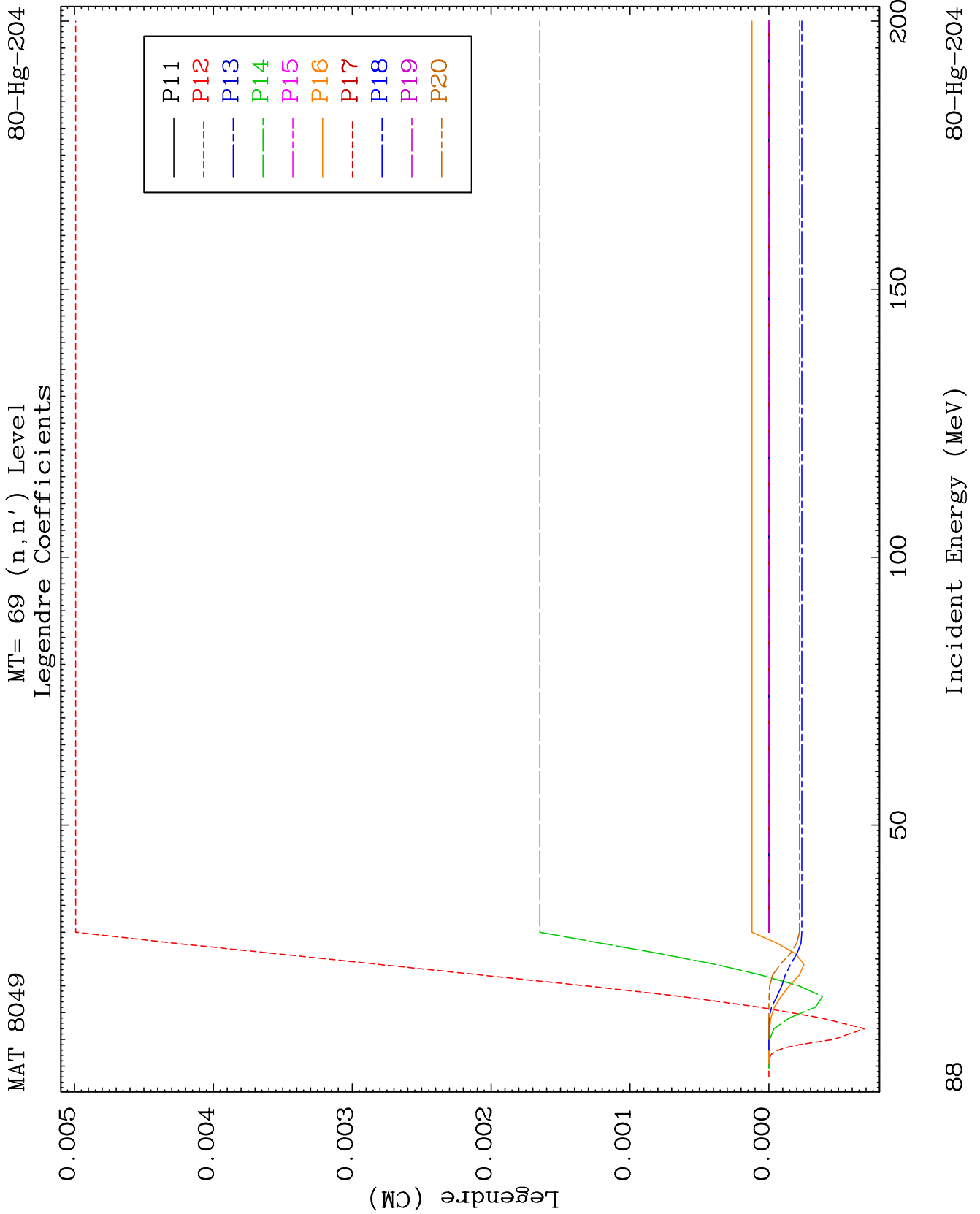
80-Hg-204

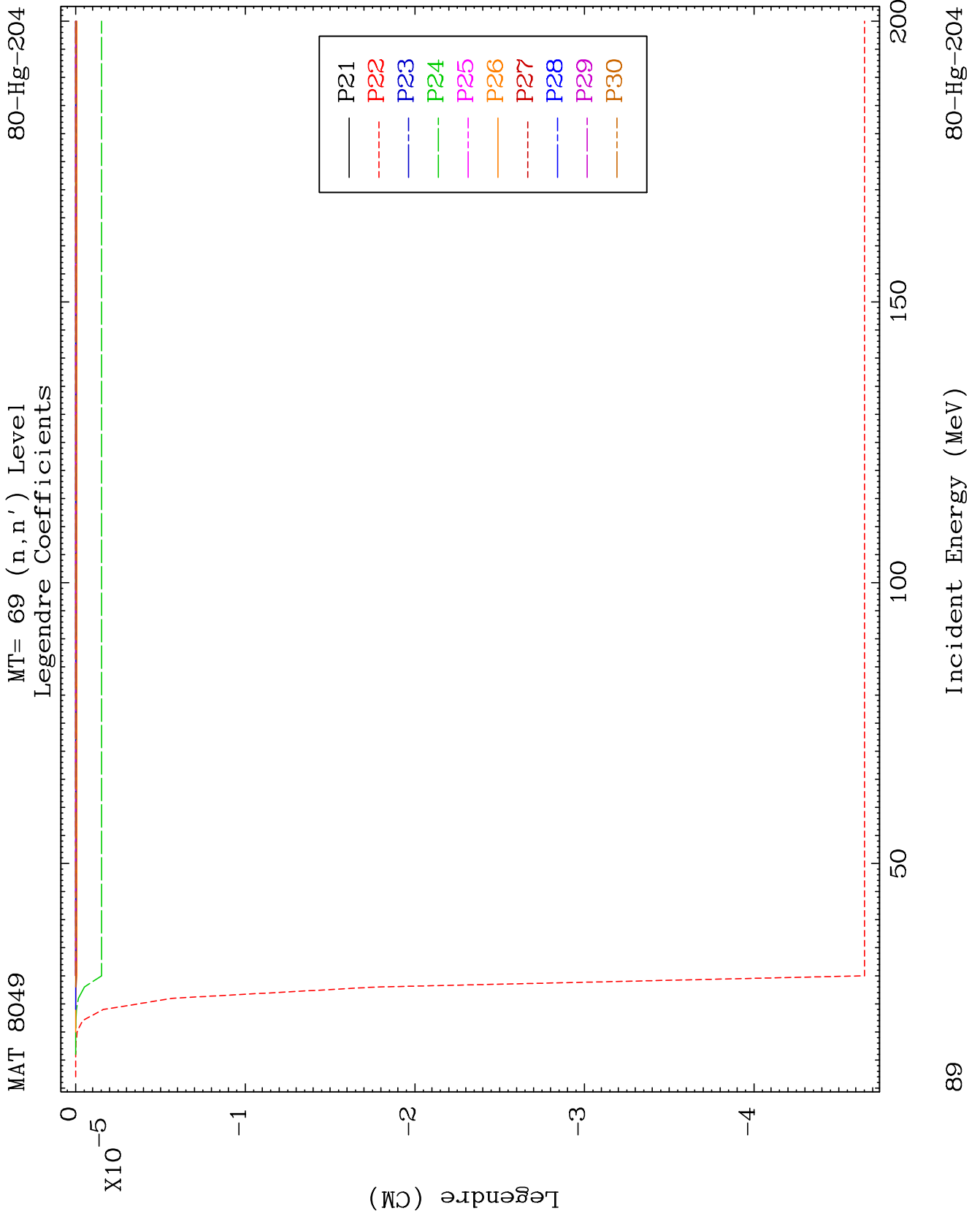








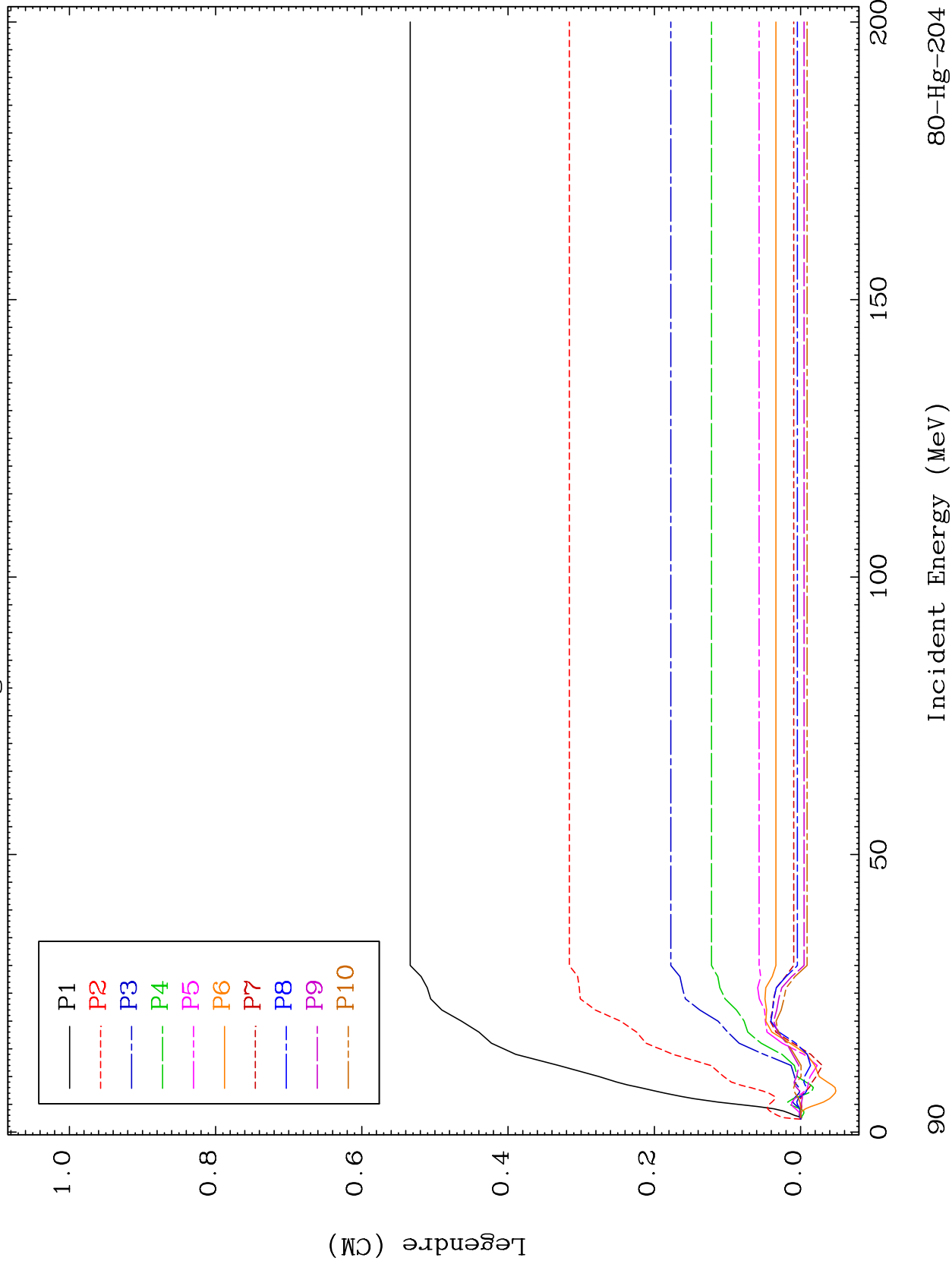




MAT 8049

MT= 70 (n,n') Level
Legendre Coefficients

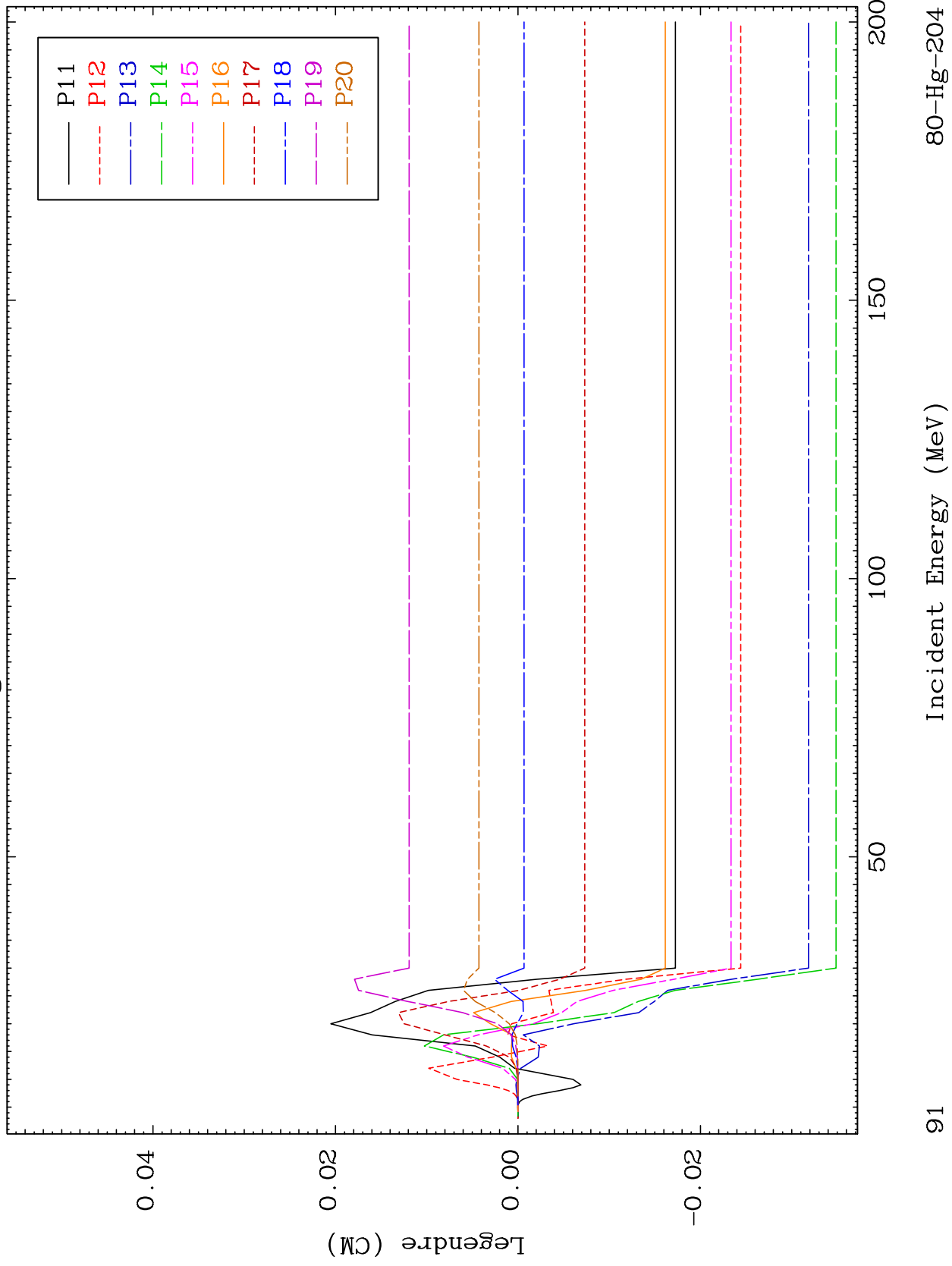
80-Hg-204



MAT 8049

MT= 70 (n,n') Level
Legendre Coefficients

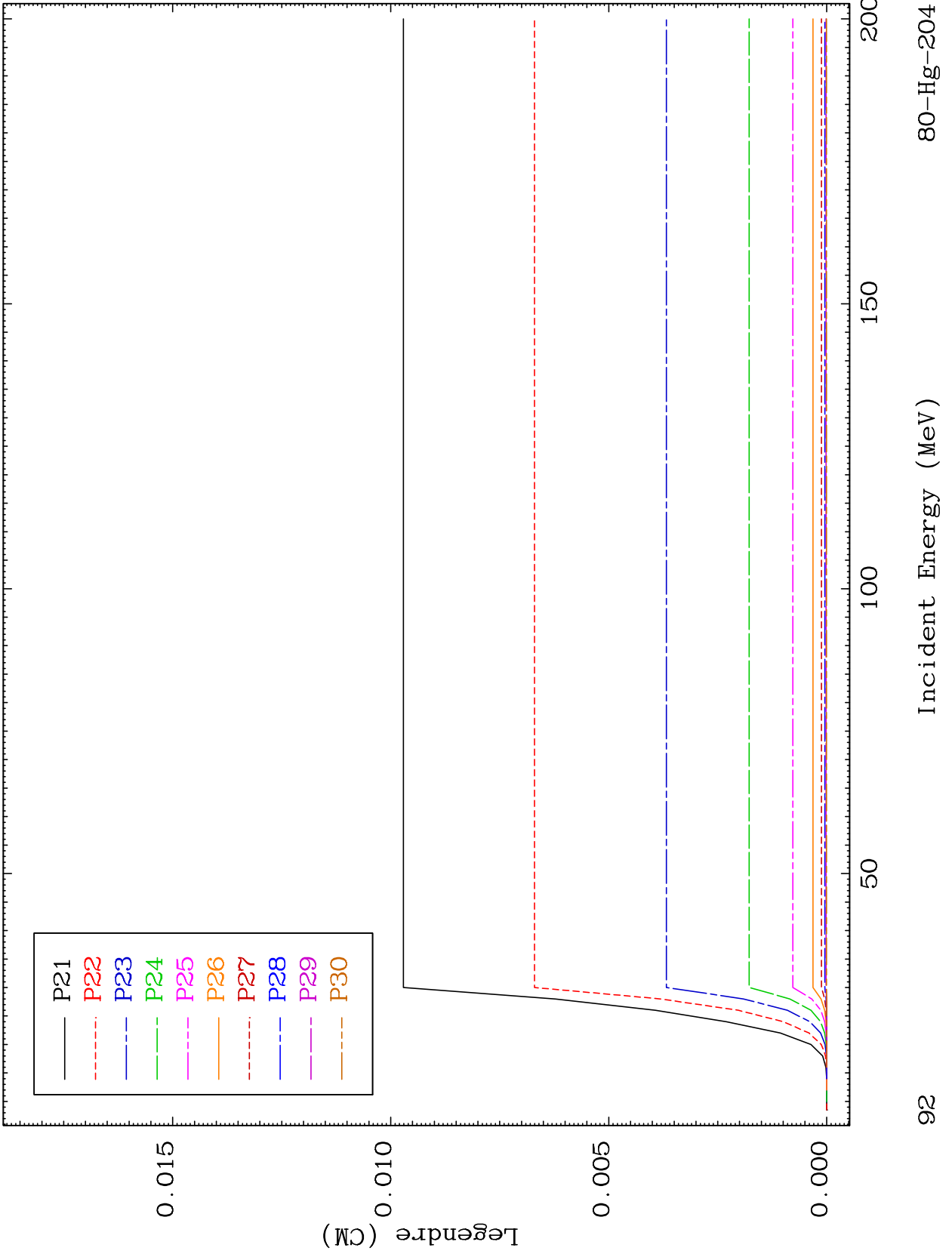
80-Hg-204



MAT 8049

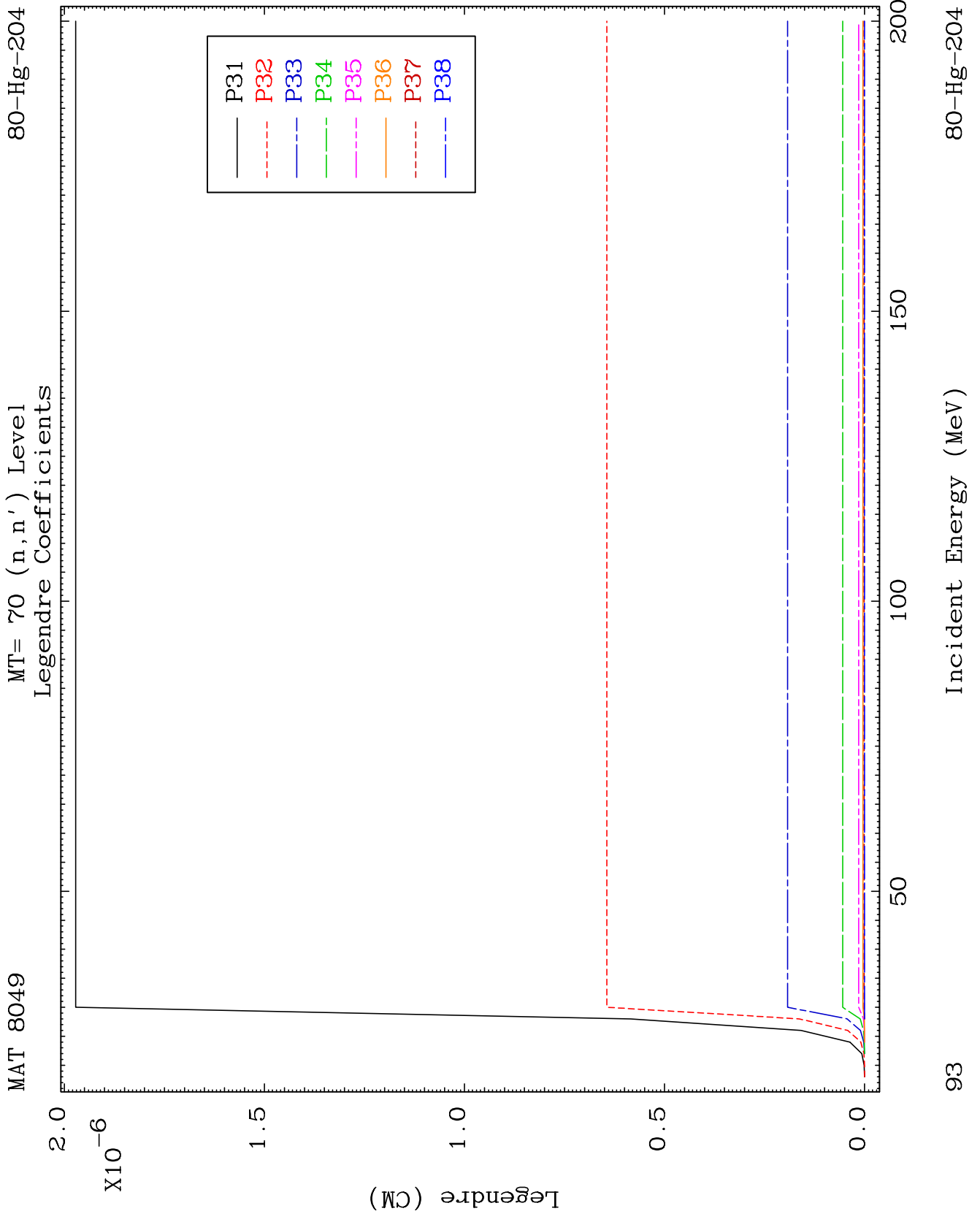
MT= 70 (n,n') Level
Legendre Coefficients

80-Hg-204



92

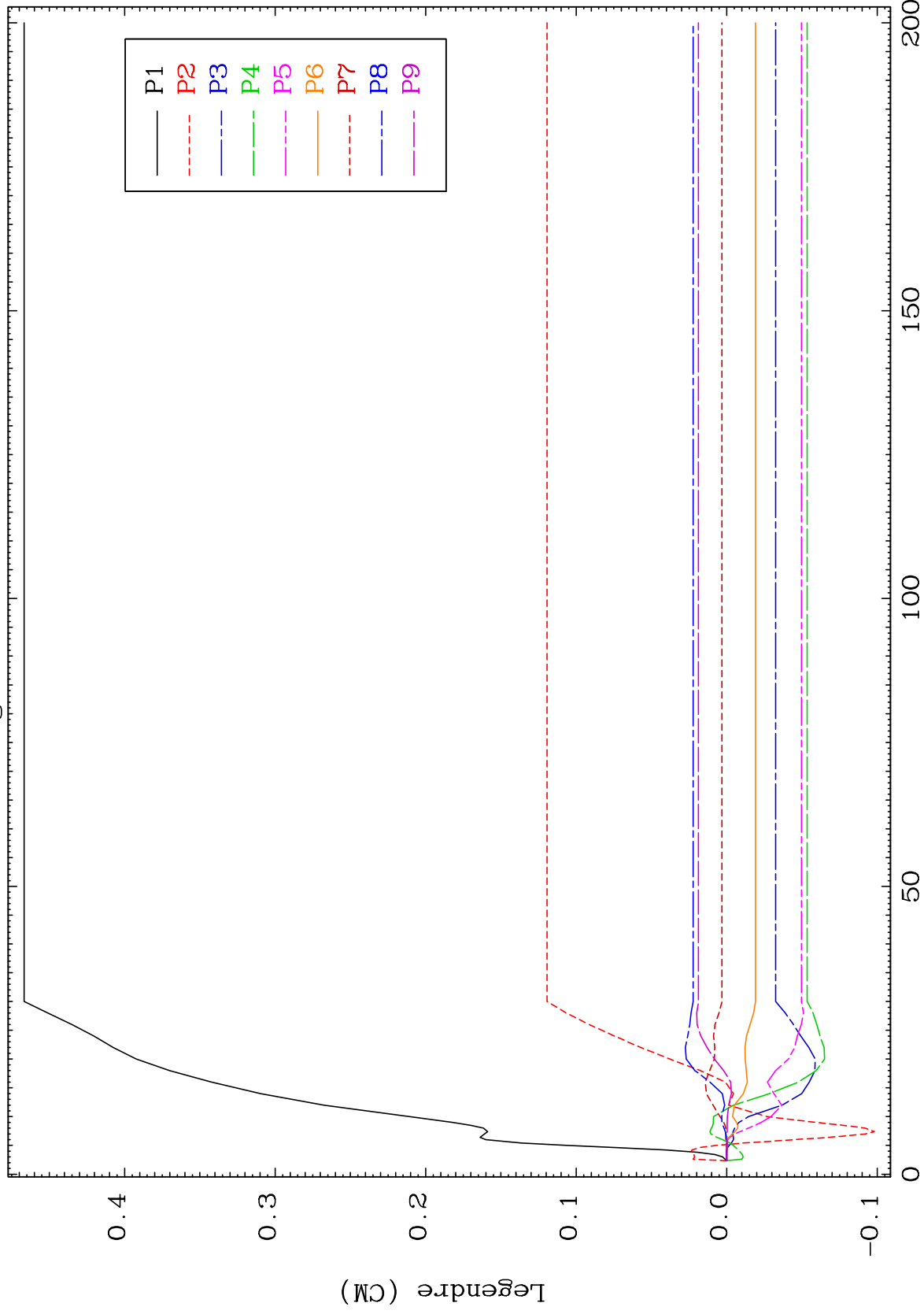
80-Hg-204



MAT 8049

MT= 71 (n,n') Level
Legendre Coefficients

80-Hg-204



94

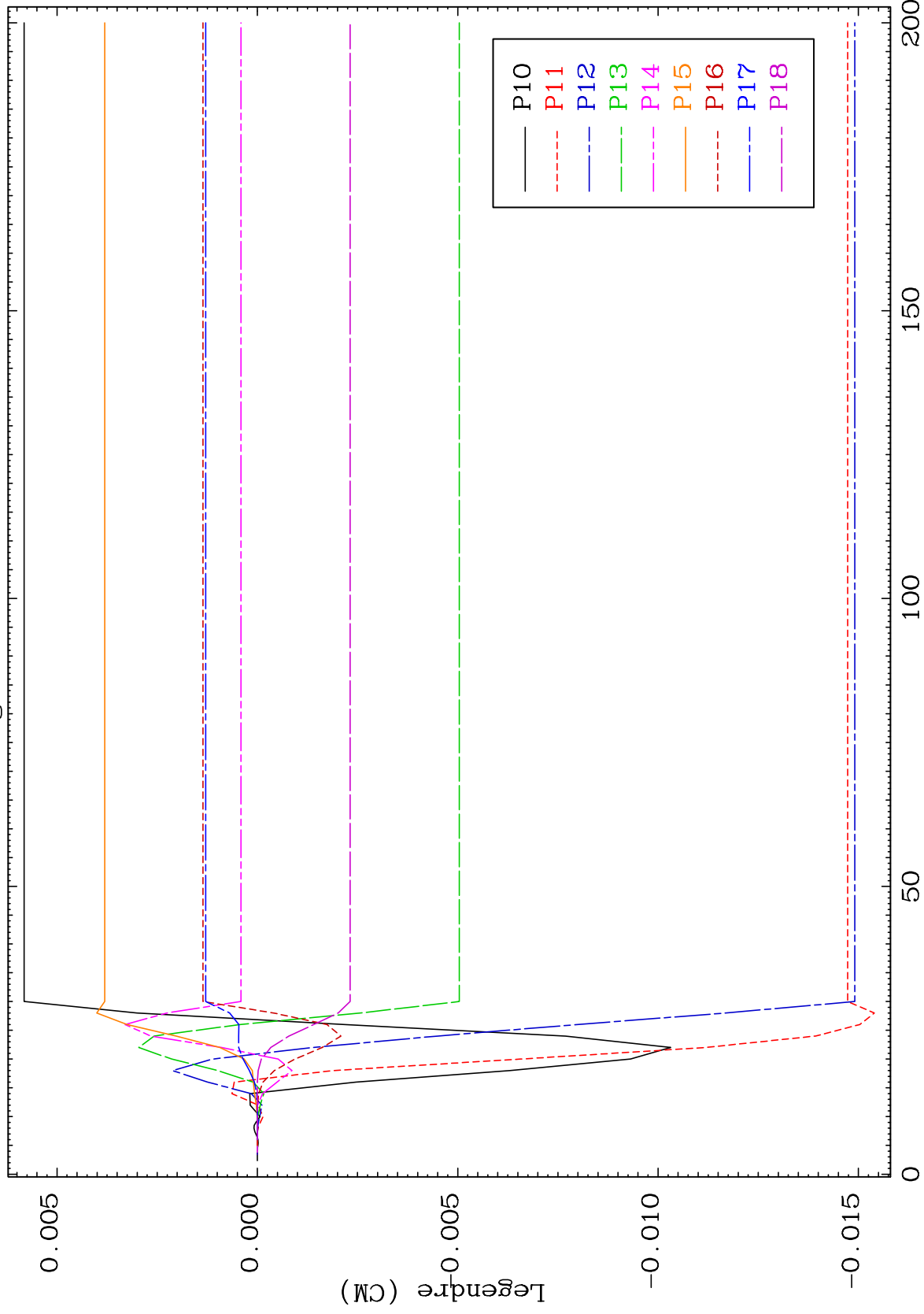
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 71 (n,n') Level
Legendre Coefficients

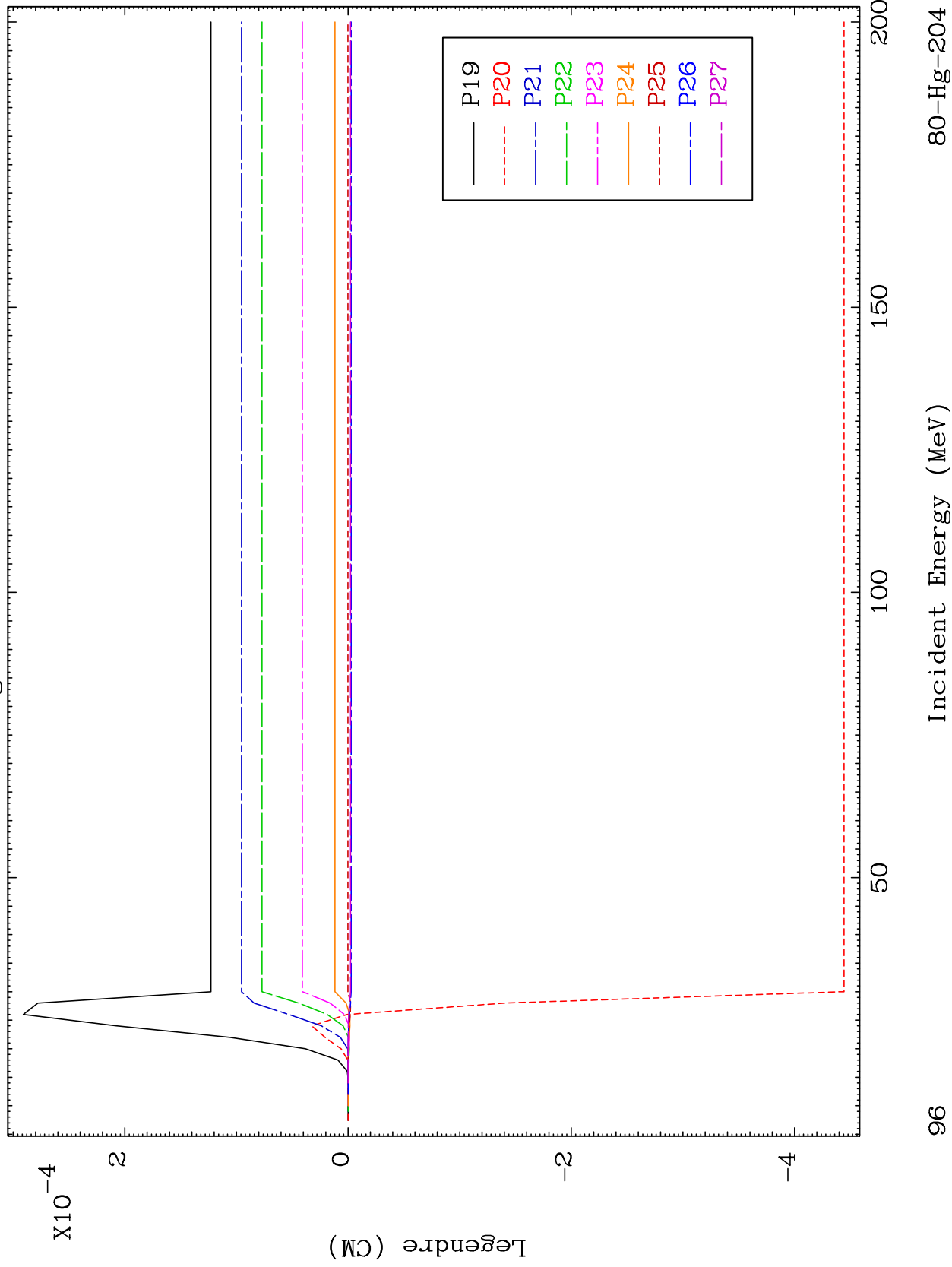
80-Hg-204

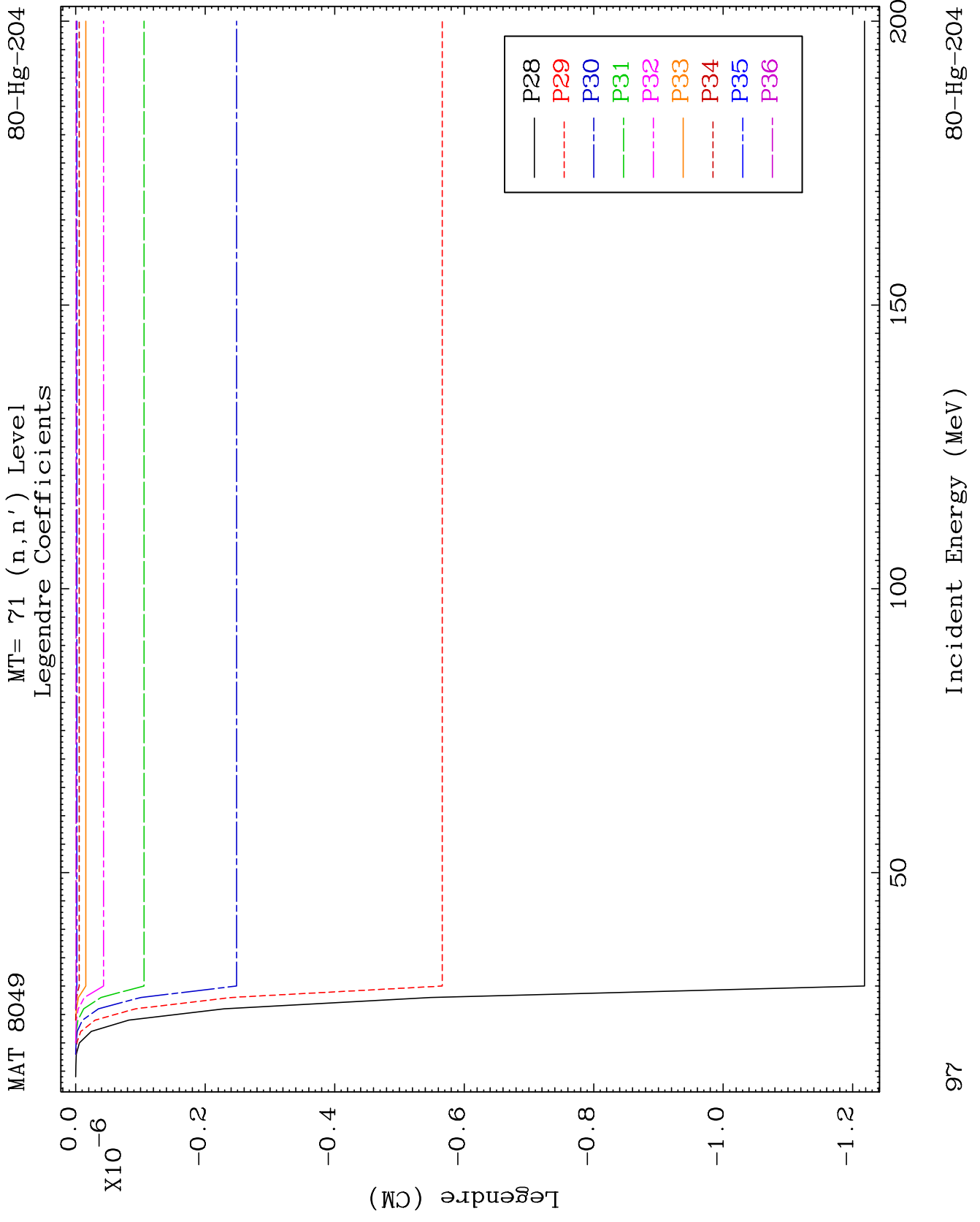


95

Incident Energy (MeV)

80-Hg-204

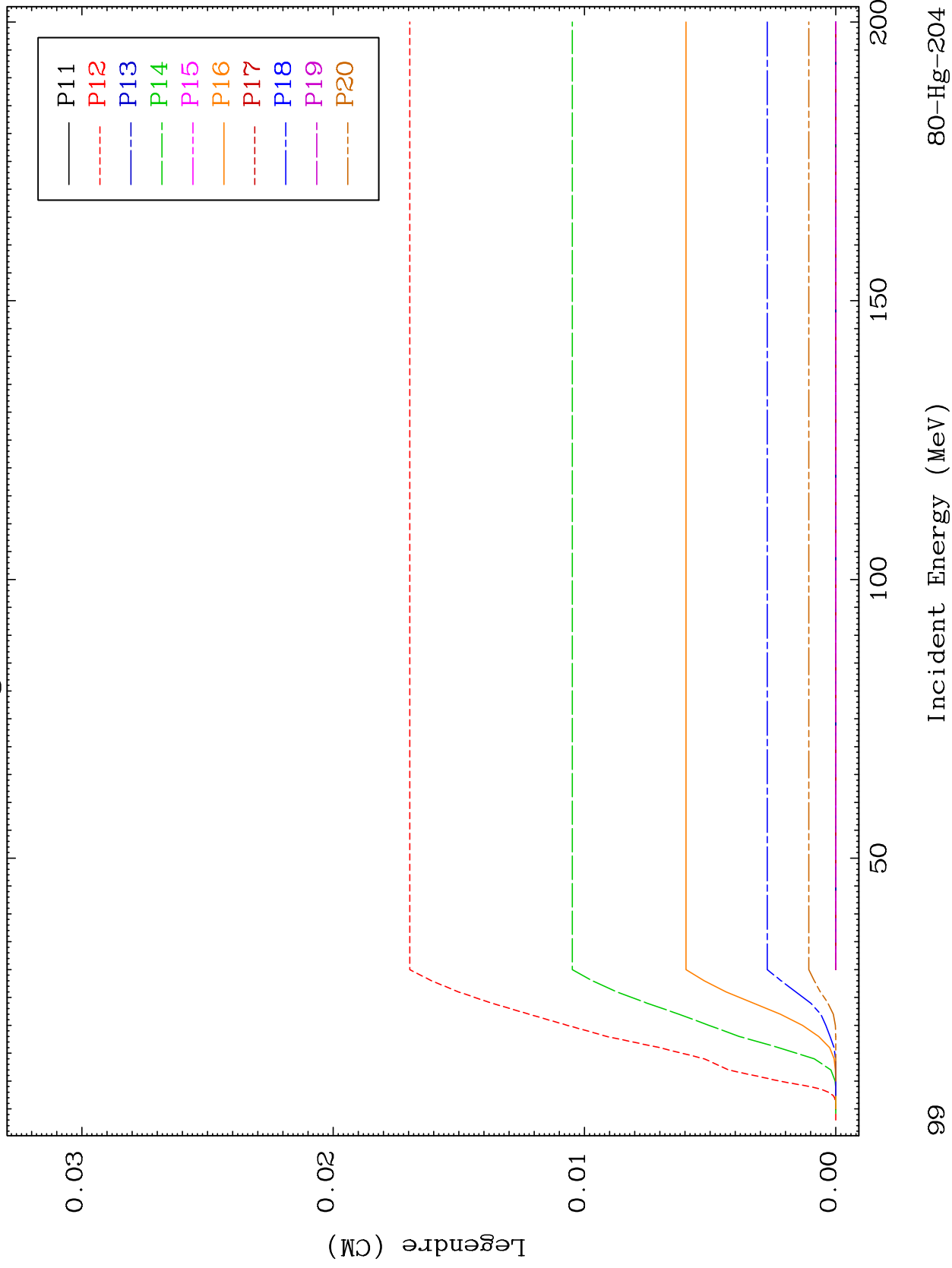




MAT 8049

MT= 72 (n,n') Level
Legendre Coefficients

80-Hg-204



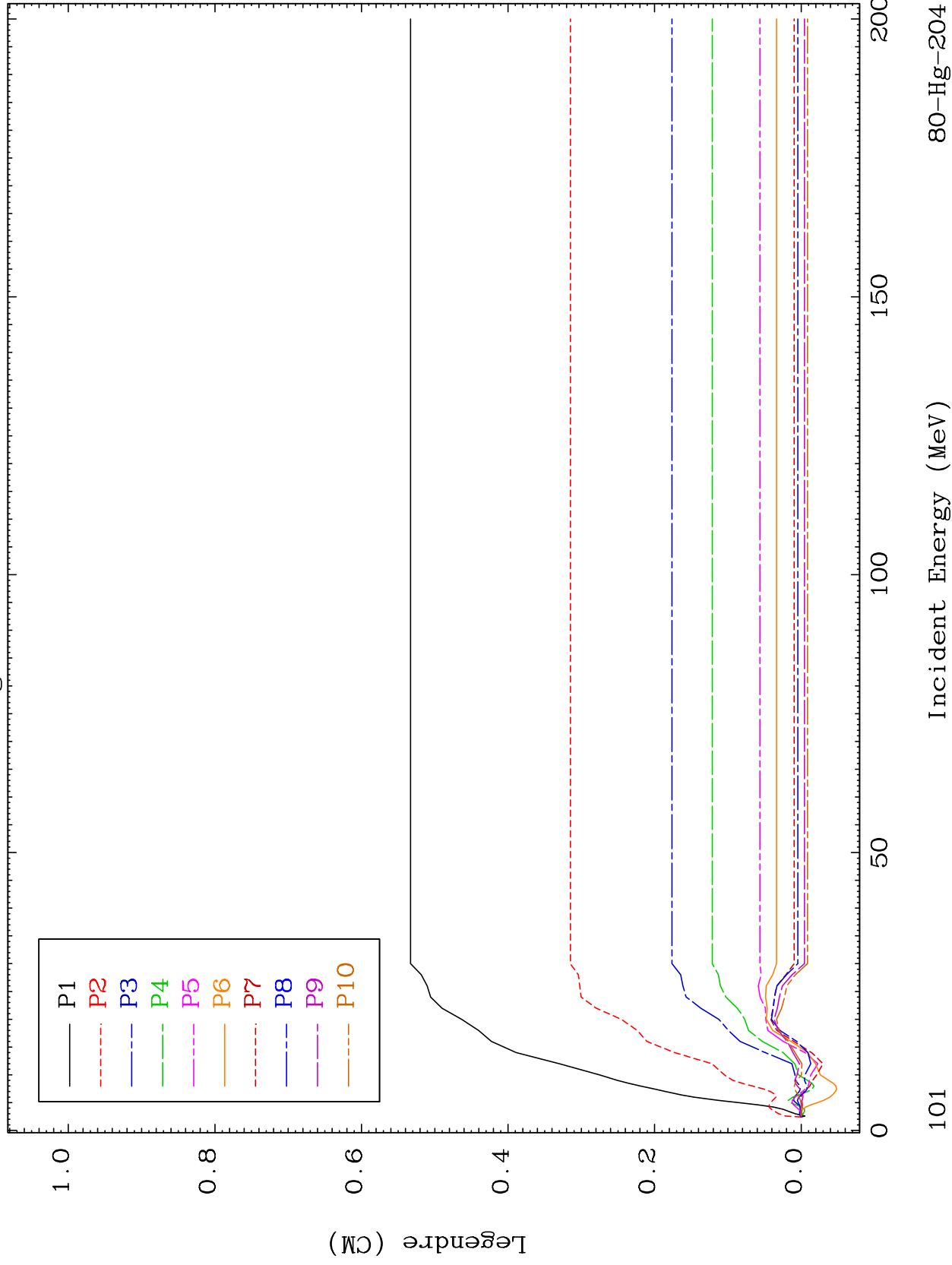
99

80-Hg-204

MAT 8049

MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-204

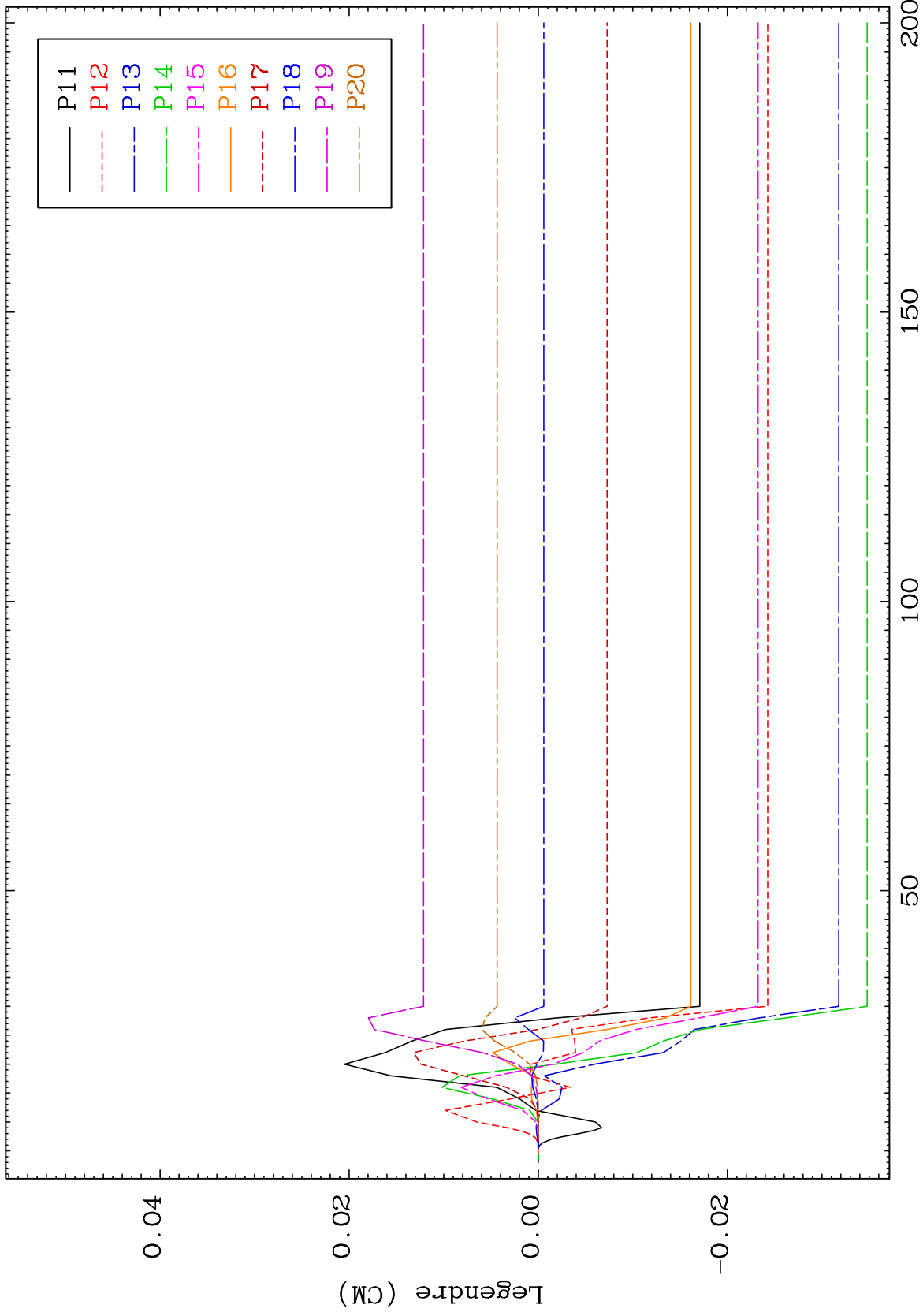


101

MAT 8049

MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-204



102

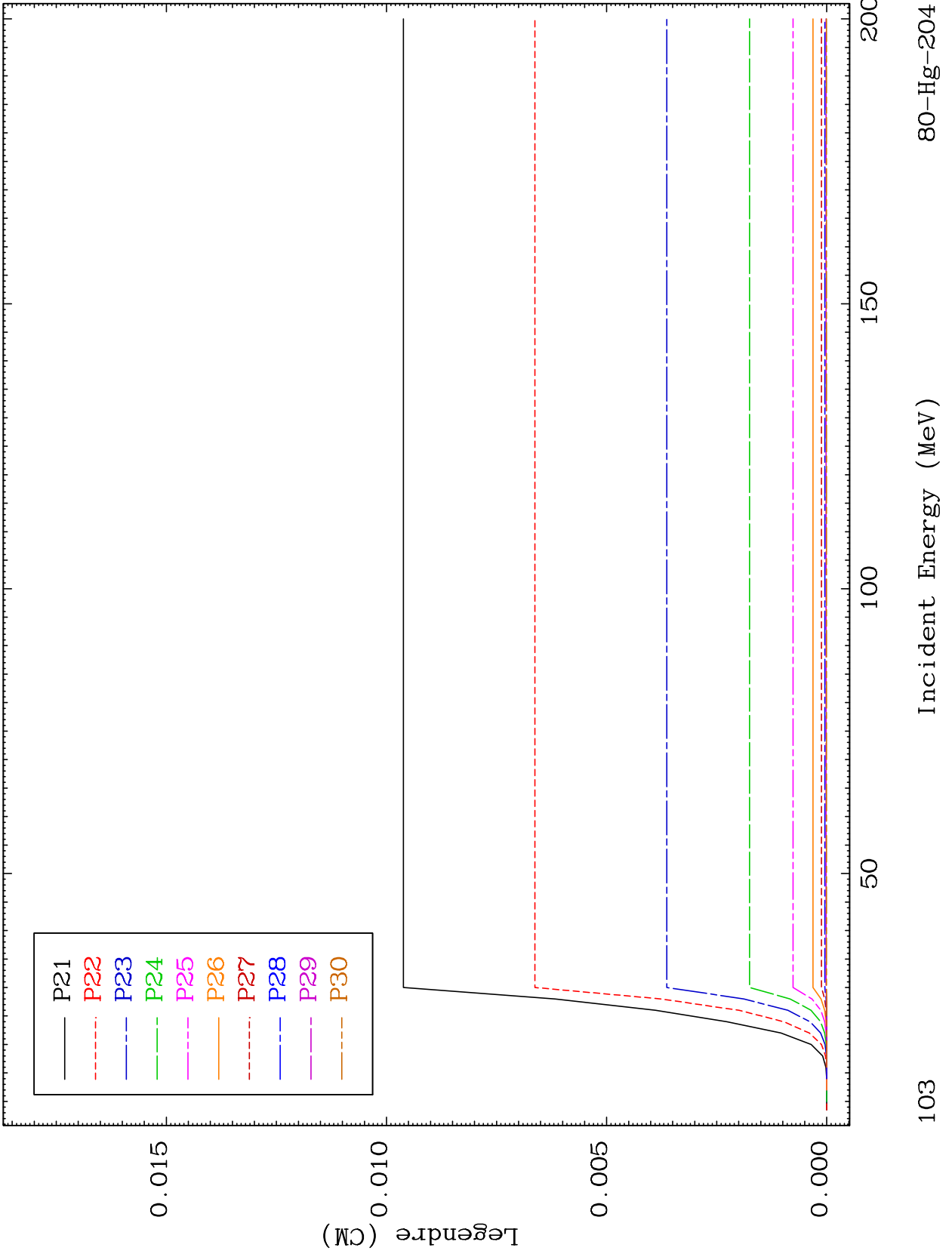
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-204



103

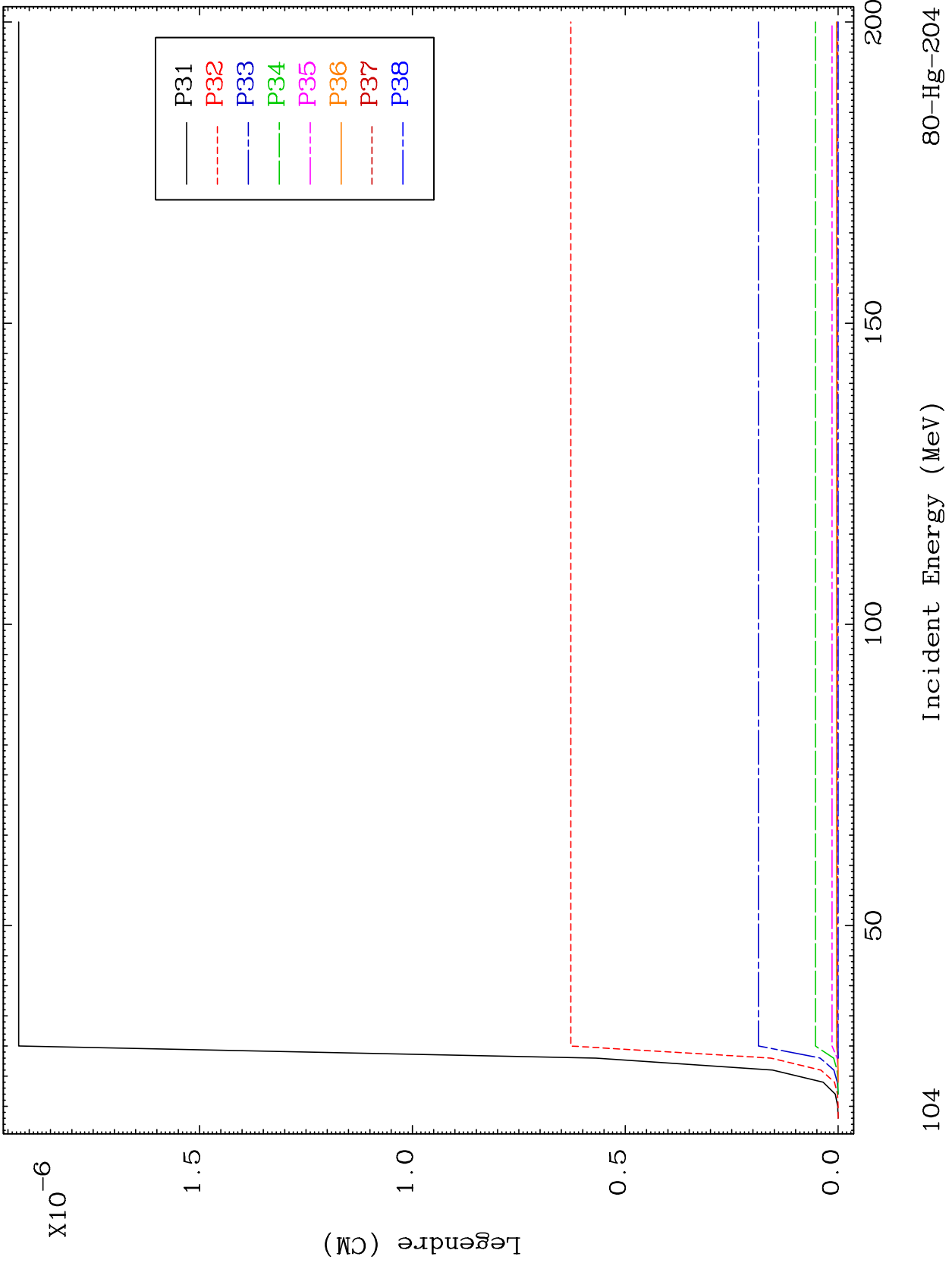
Incident Energy (MeV)

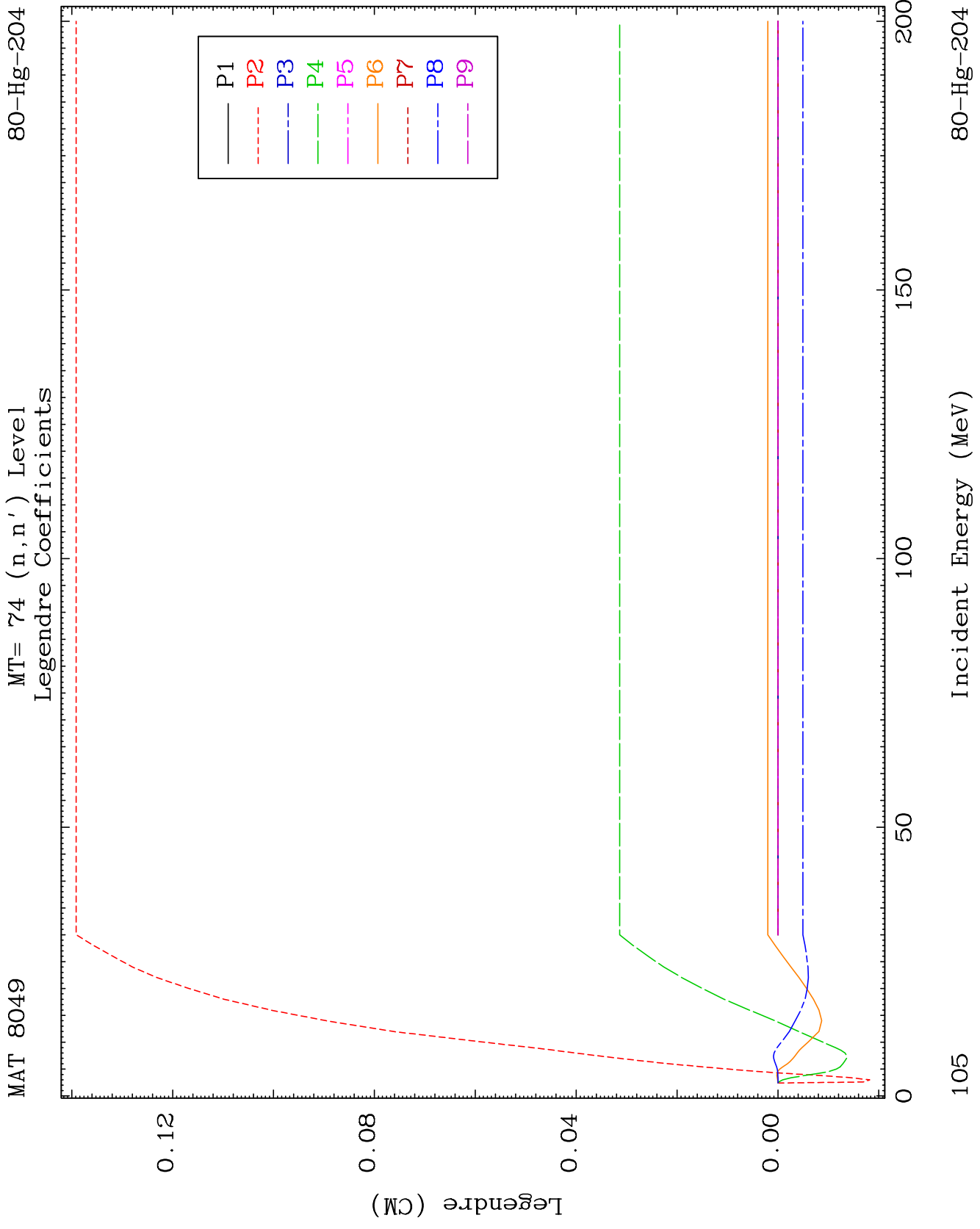
80-Hg-204

MAT 8049

MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-204

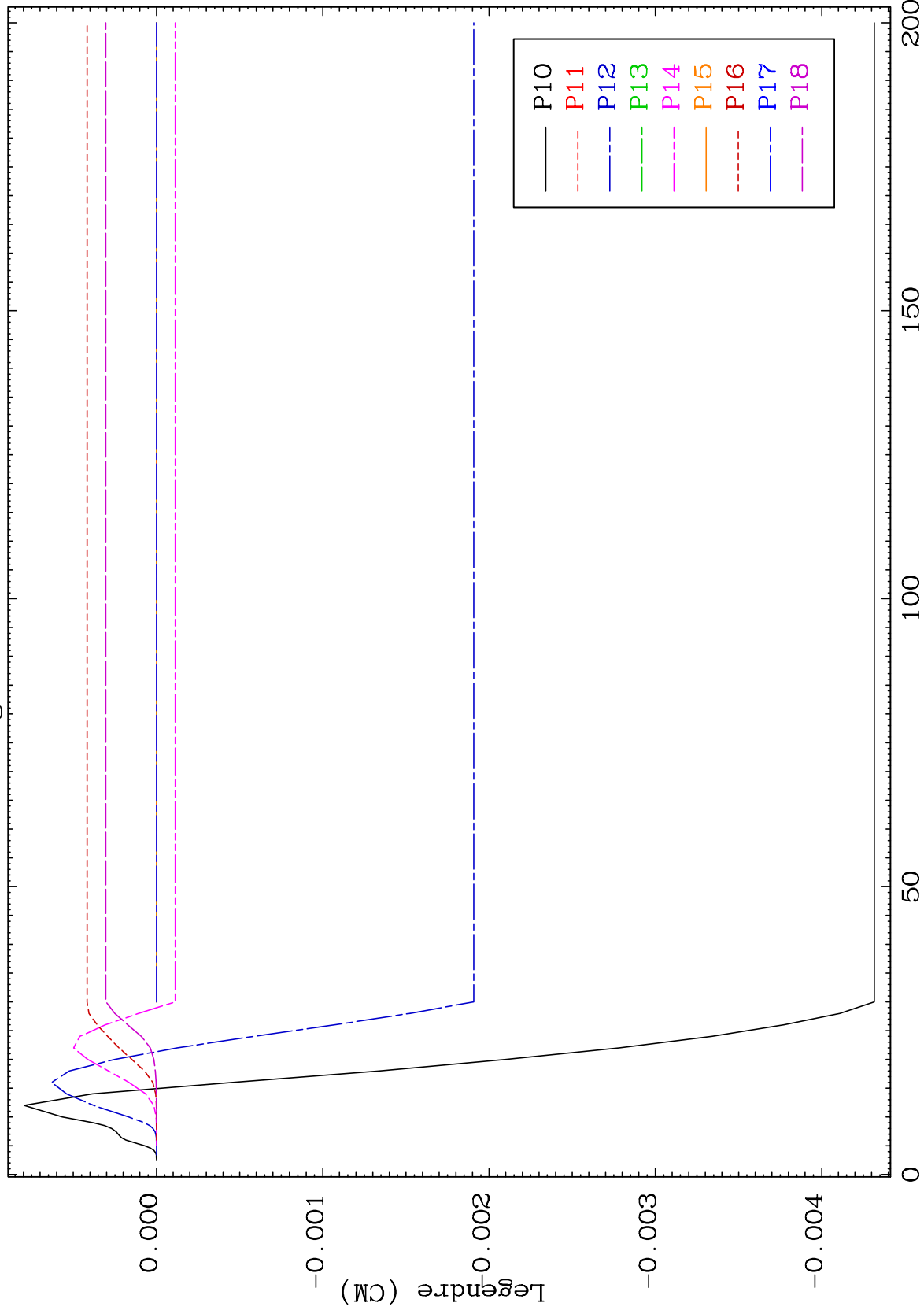




MAT 8049

80-Hg-204

MT= 74 (n,n') Level
Legendre Coefficients



106

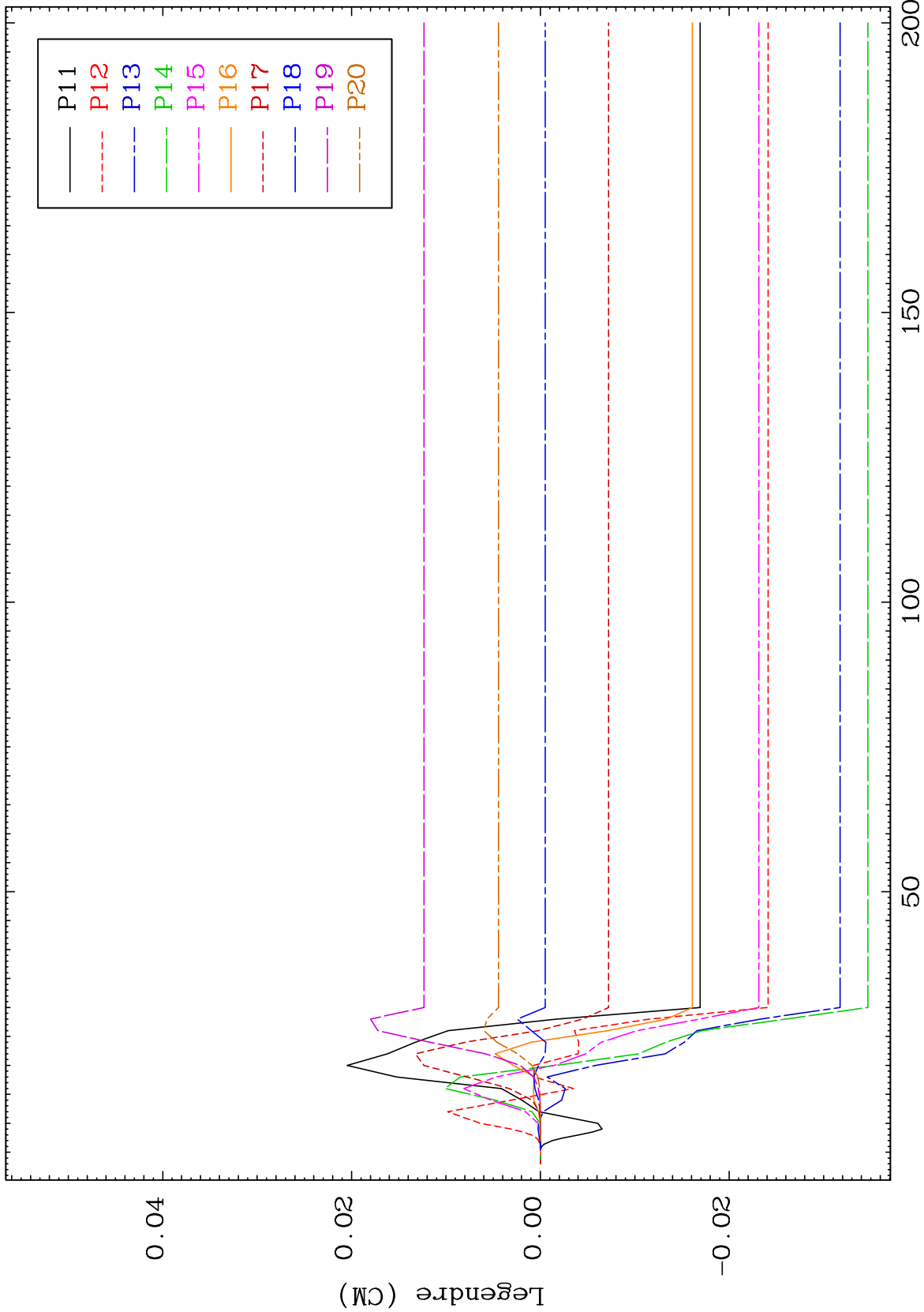
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 75 (n,n') Level
Legendre Coefficients

80-Hg-204



109

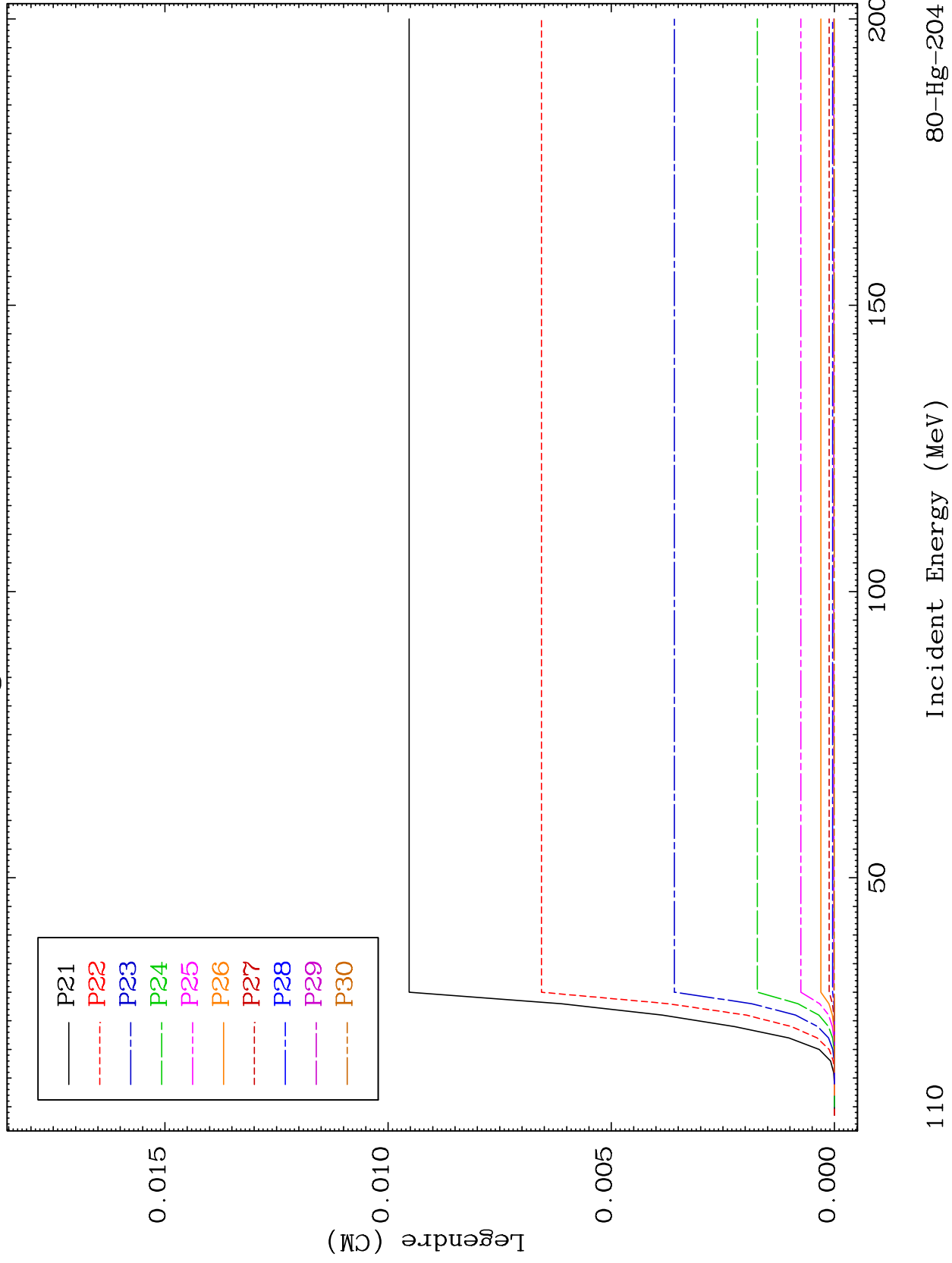
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 75 (n,n') Level
Legendre Coefficients

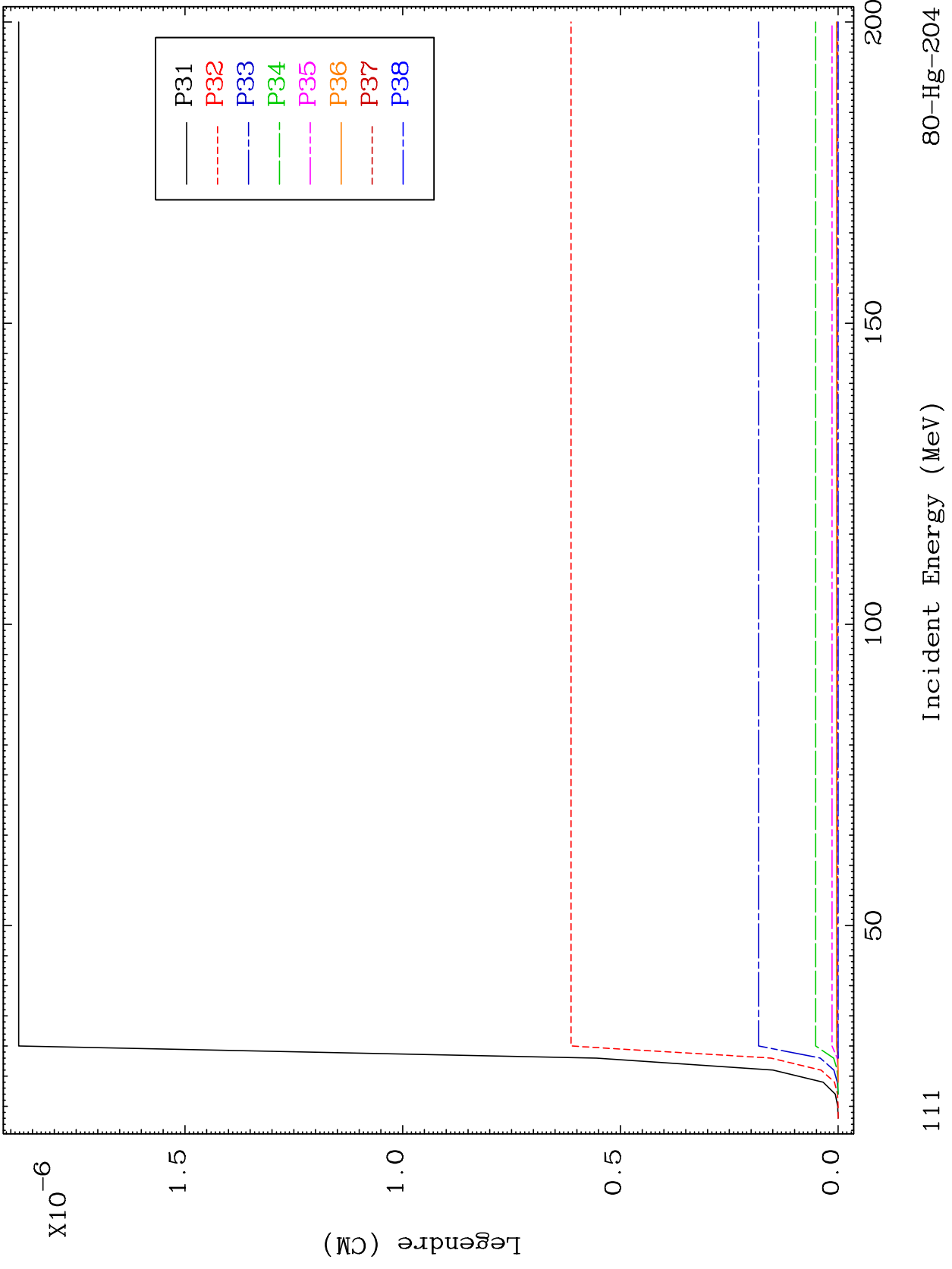
80-Hg-204



MAT 8049

MT= 75 (n,n') Level
Legendre Coefficients

80-Hg-204



111

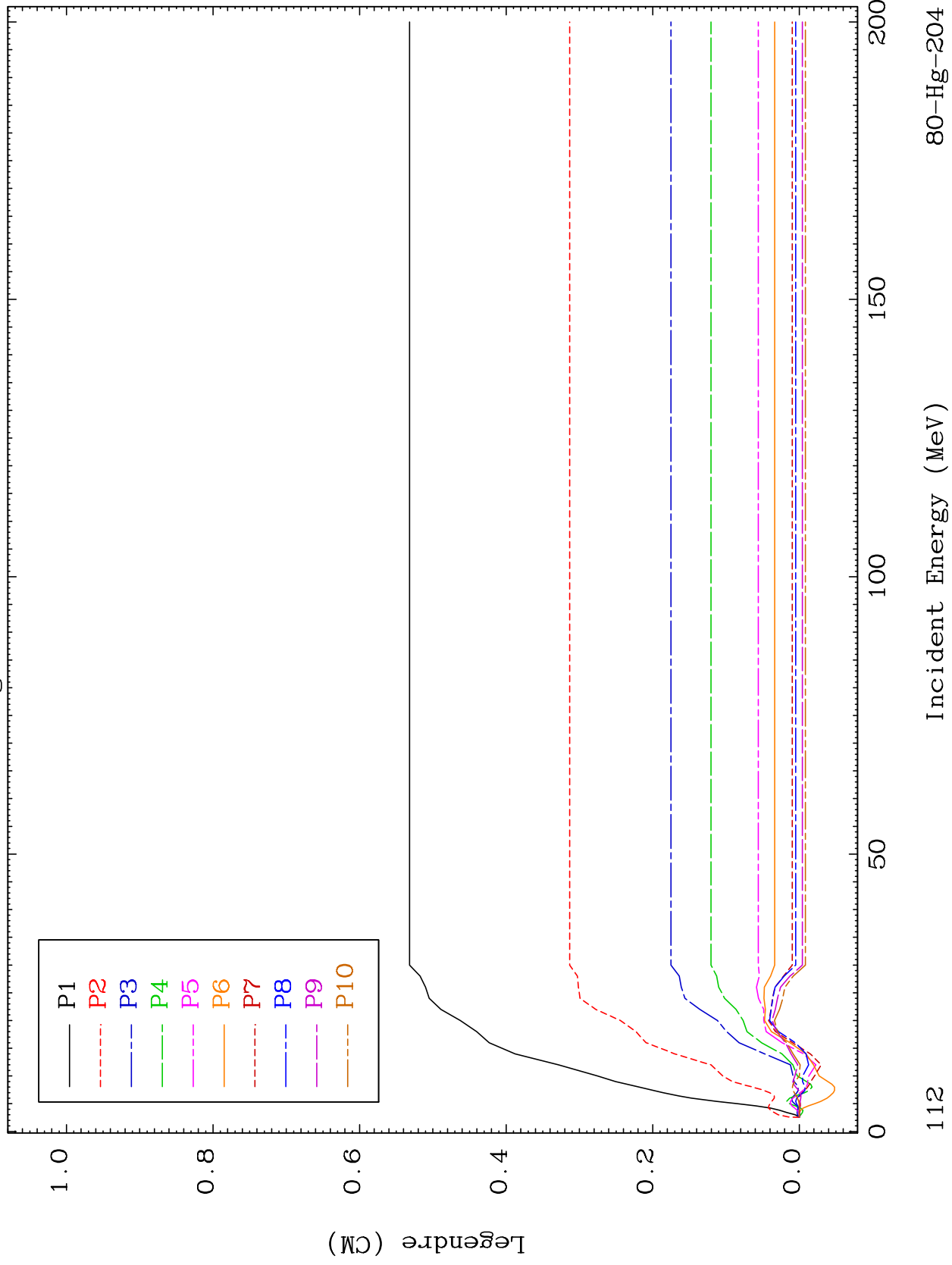
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 76 (n,n') Level
Legendre Coefficients

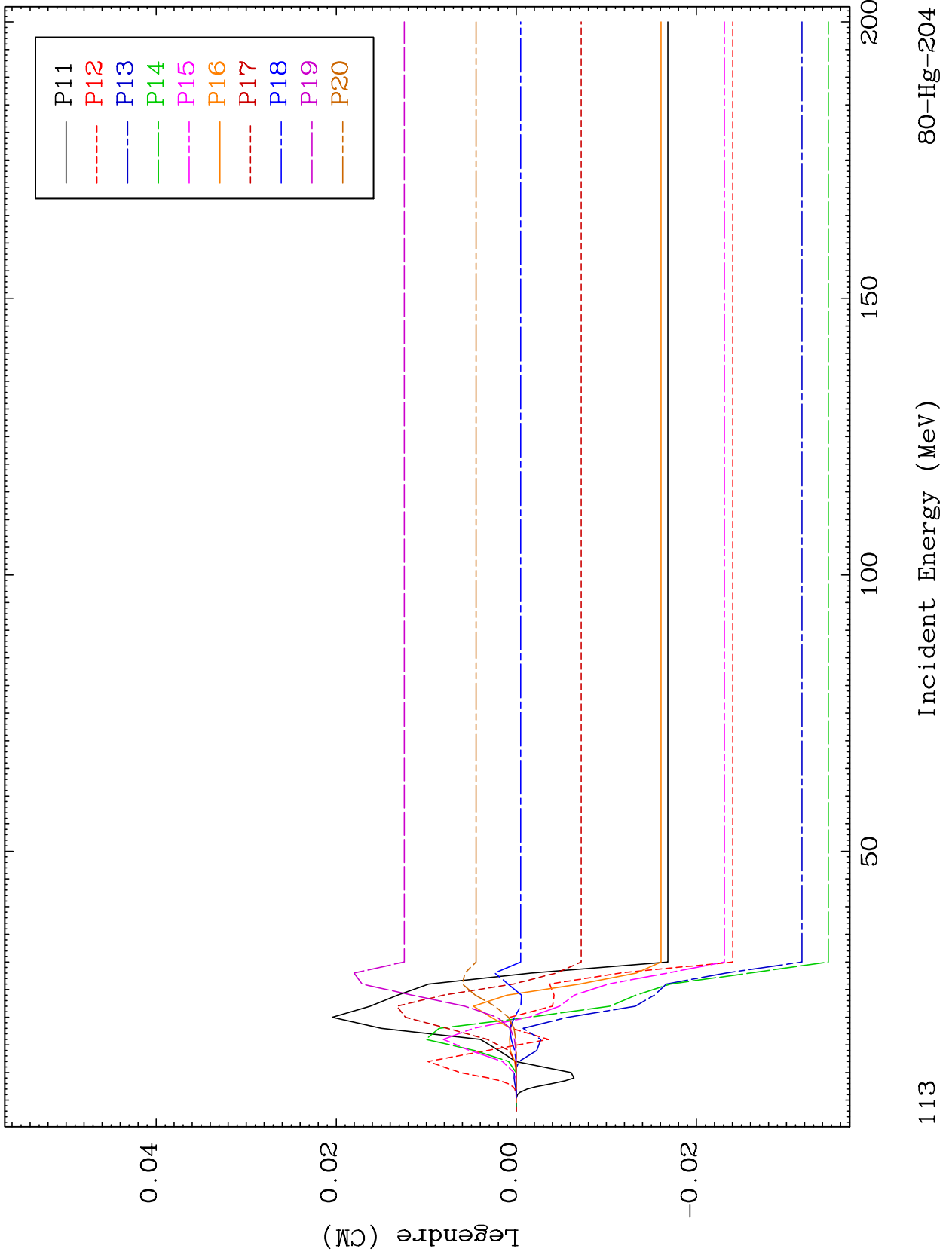
80-Hg-204



MAT 8049

MT= 76 (n,n') Level
Legendre Coefficients

80-Hg-204



113

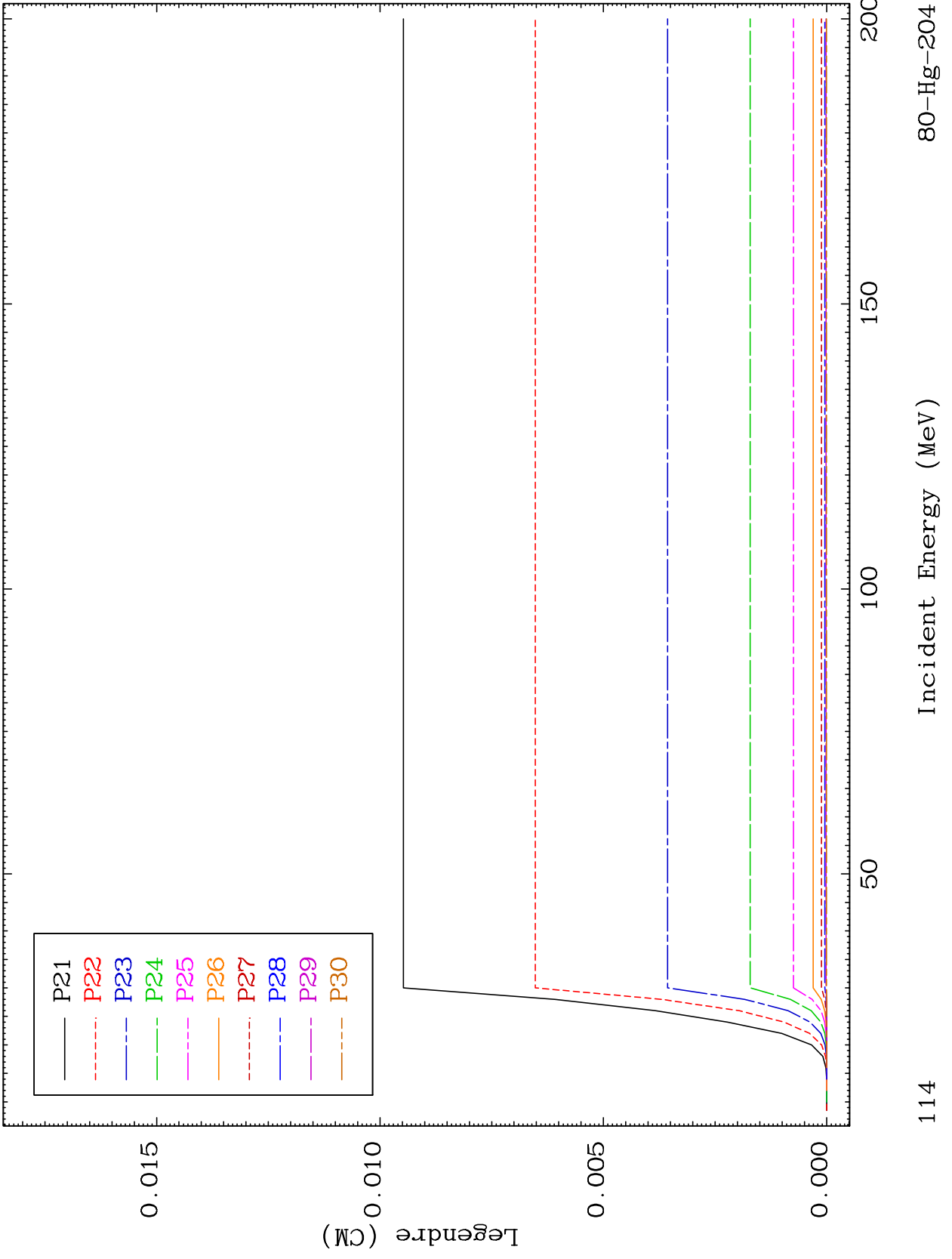
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 76 (n,n') Level
Legendre Coefficients

80-Hg-204



114

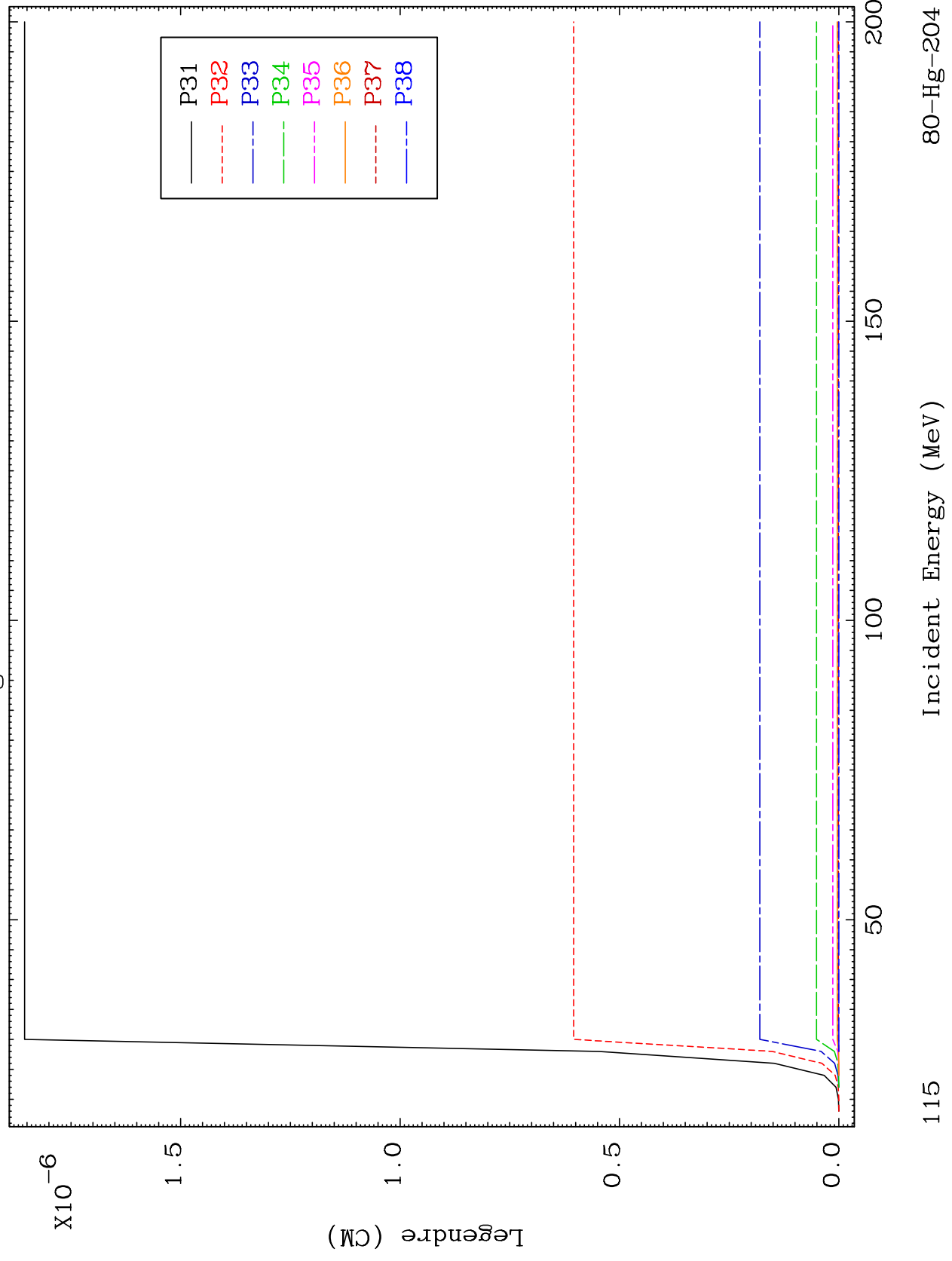
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 76 (n,n') Level
Legendre Coefficients

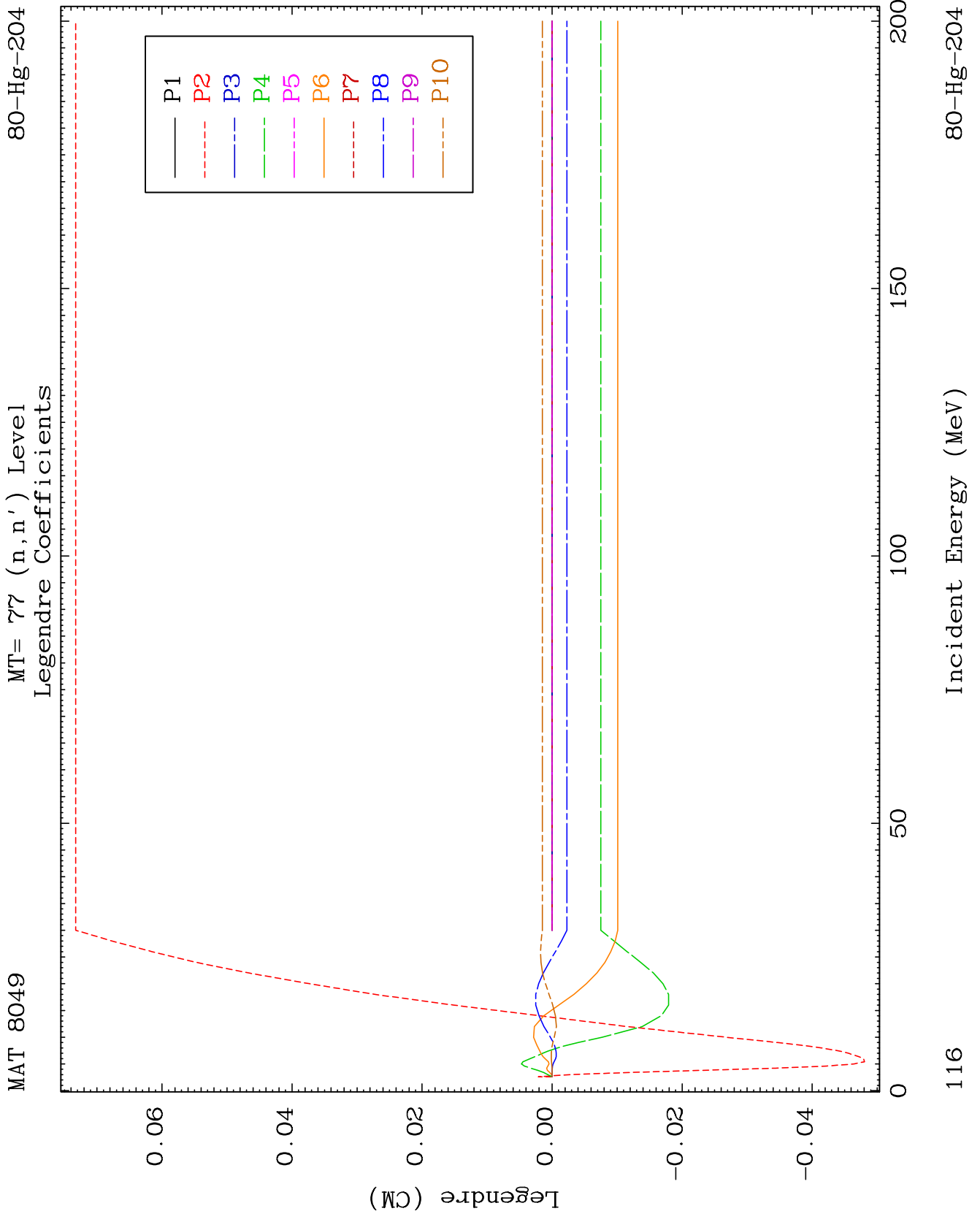
80-Hg-204



80-Hg-204

Incident Energy (MeV)

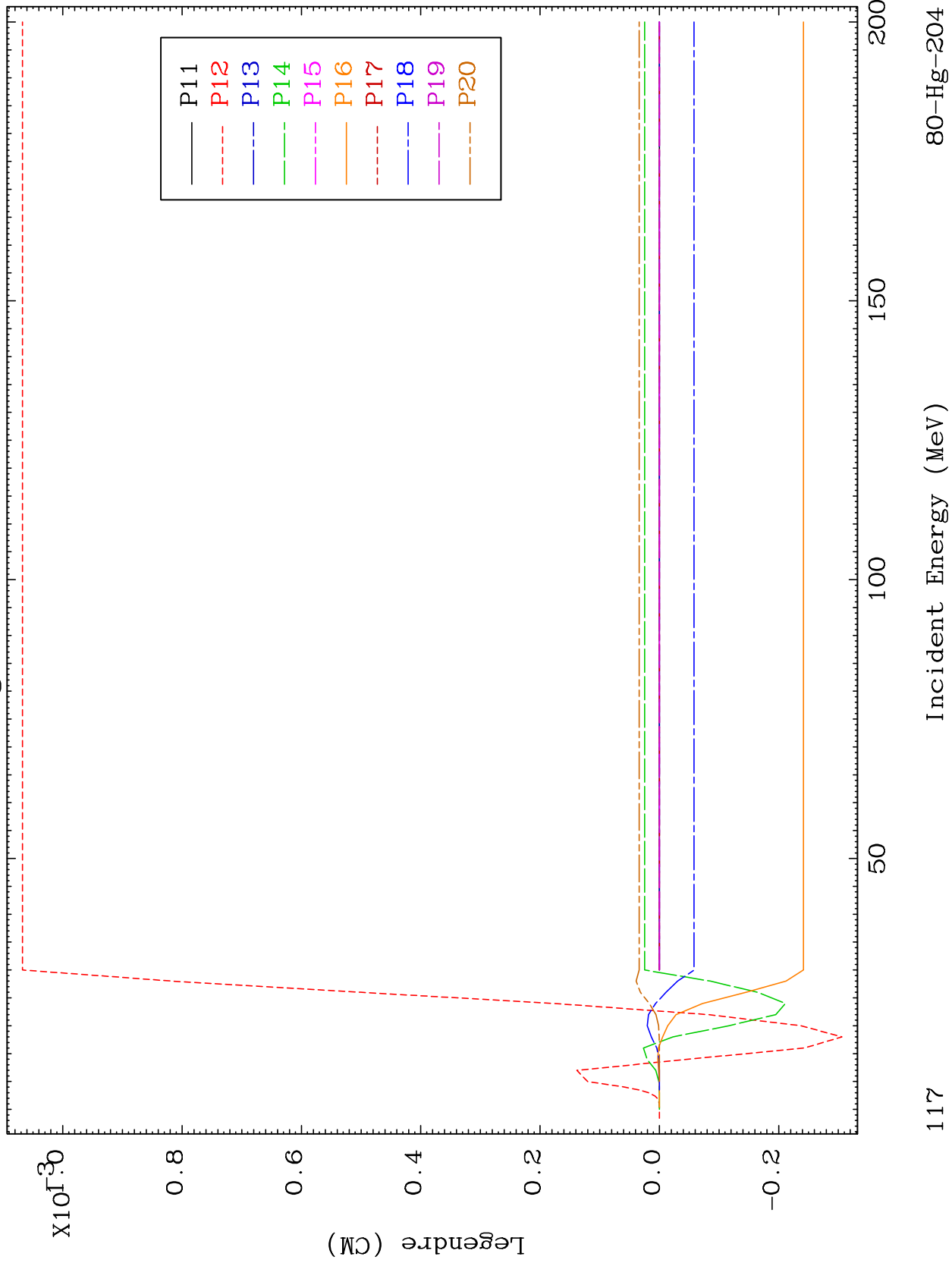
115



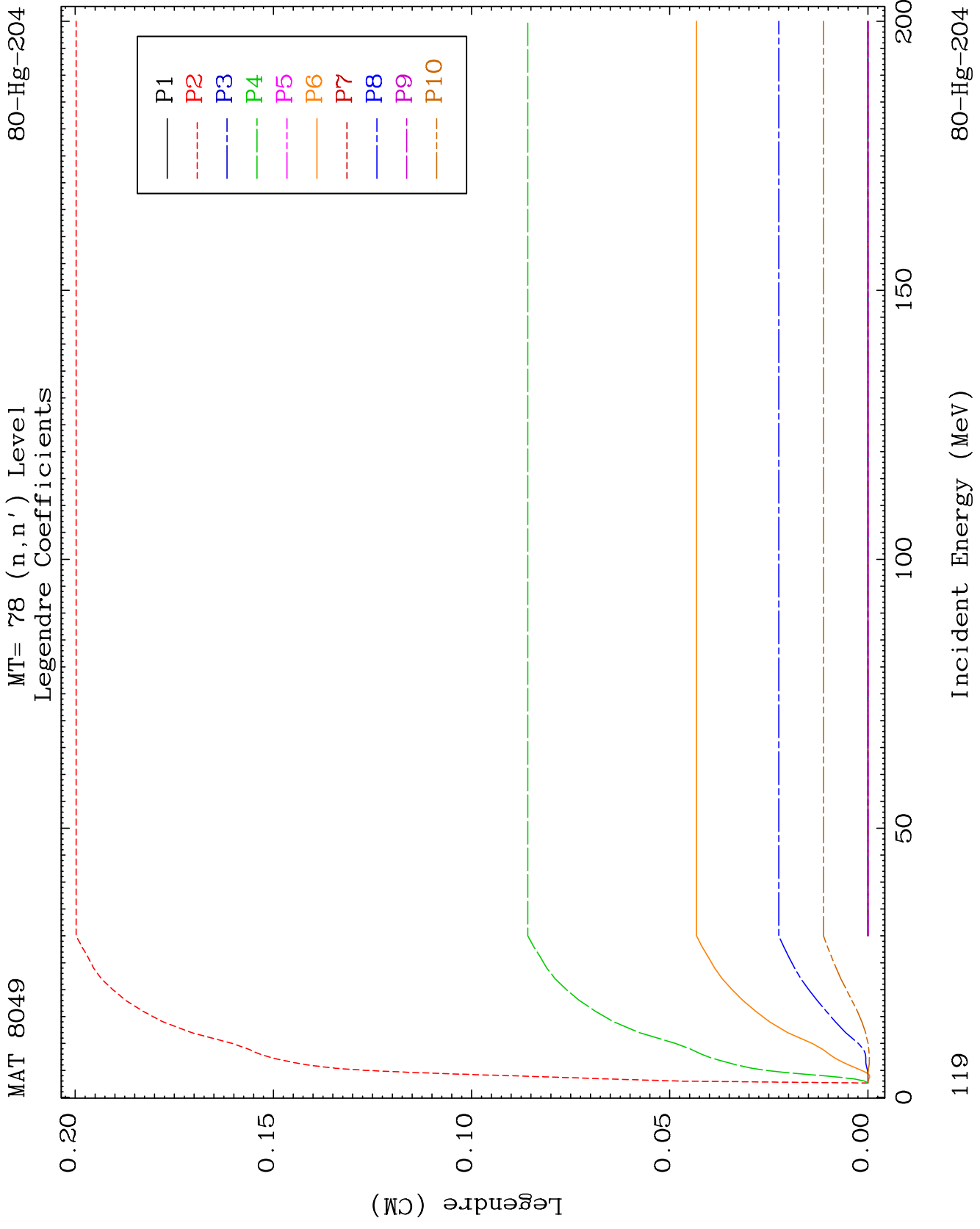
MAT 8049

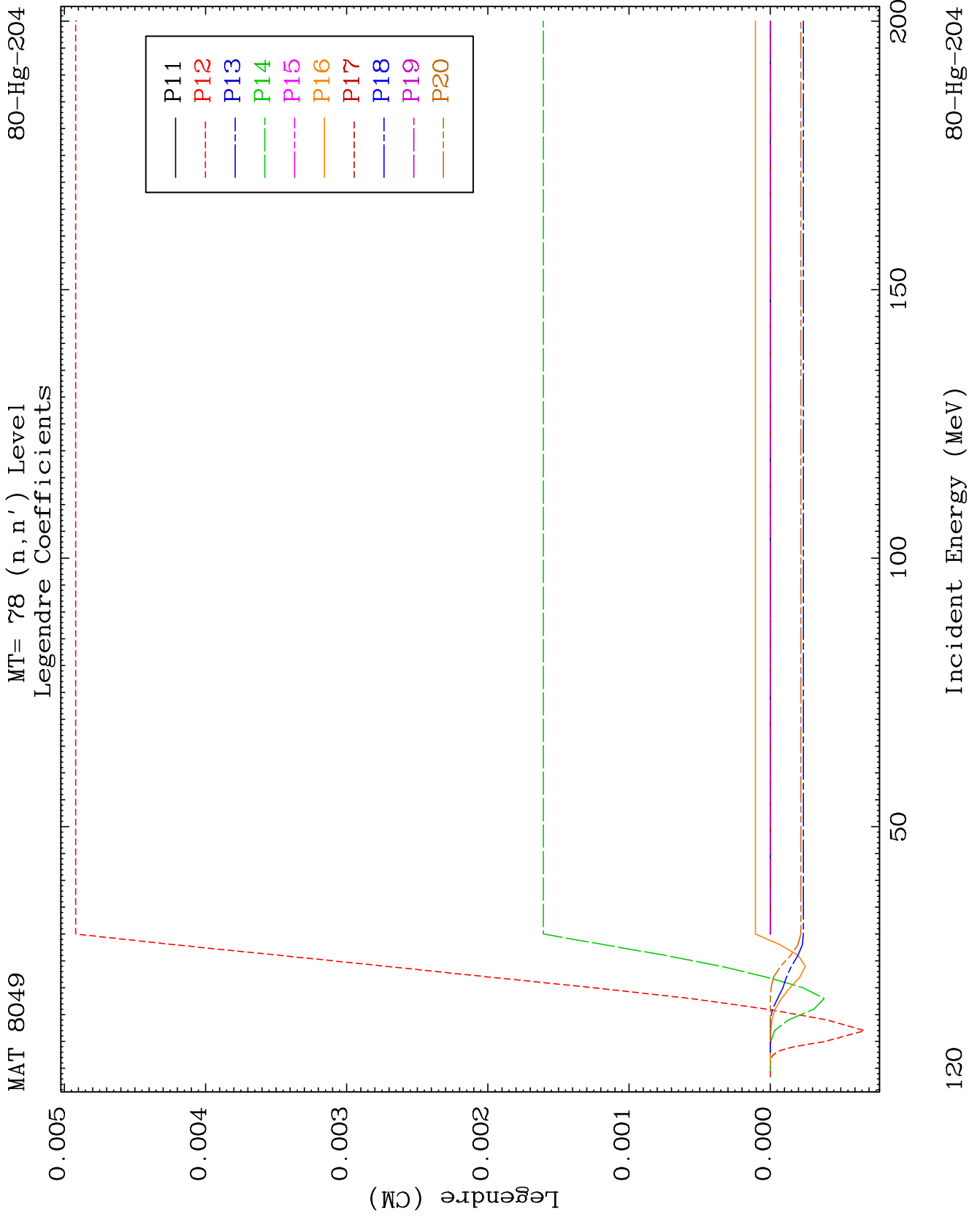
MT= 77 (n,n') Level
Legendre Coefficients

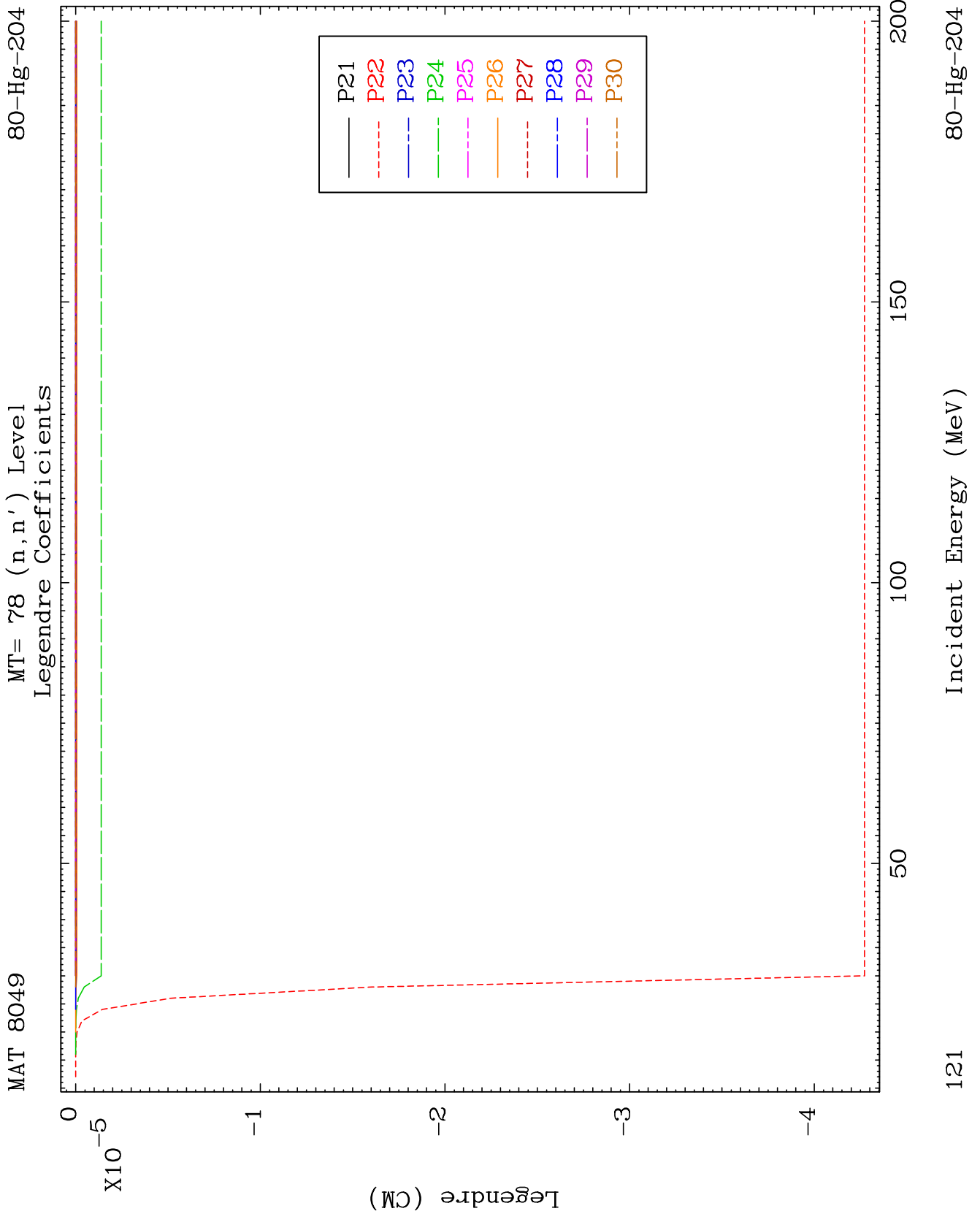
80-Hg-204



117



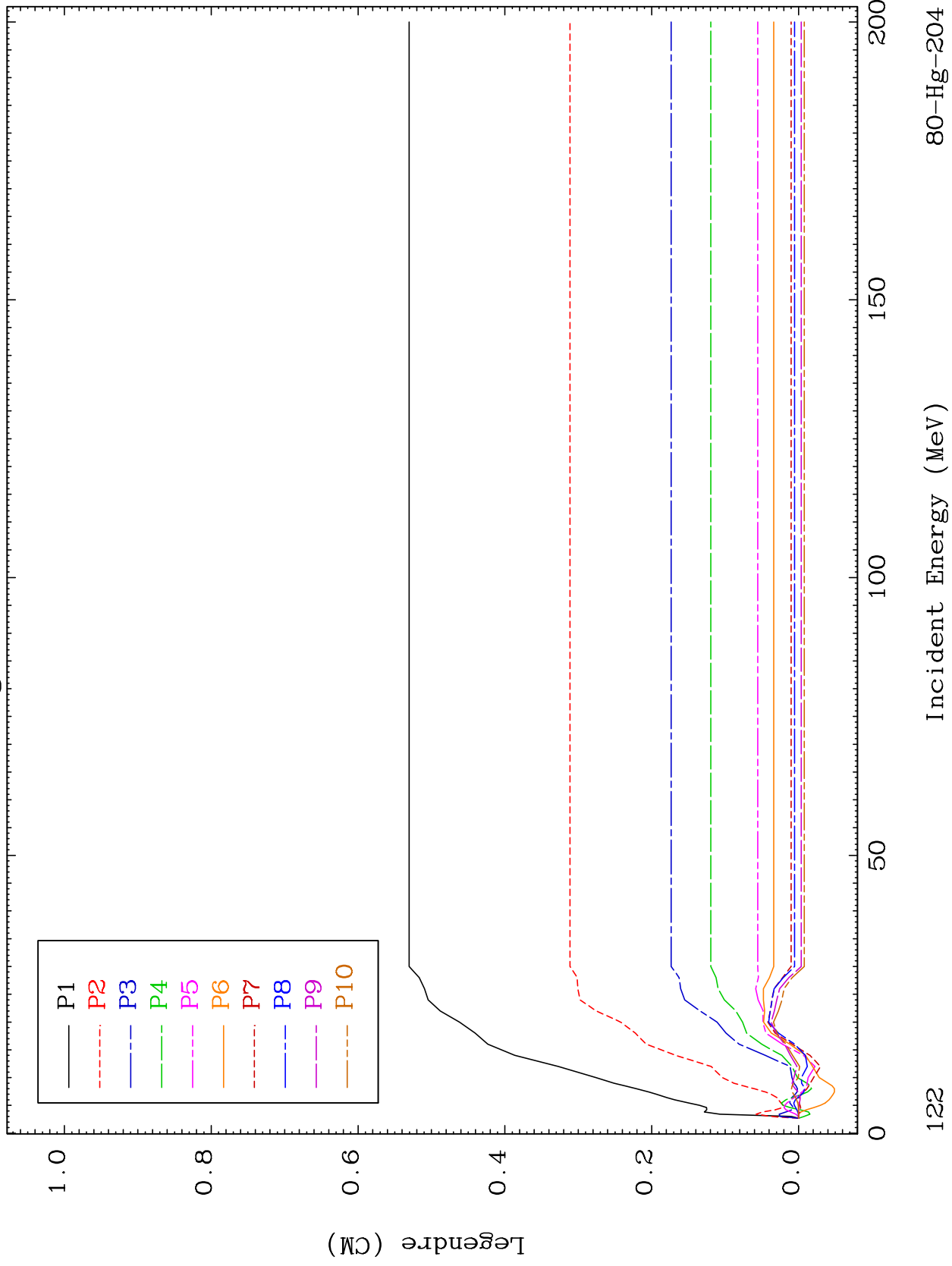




MAT 8049

MT= 79 (n,n') Level
Legendre Coefficients

80-Hg-204



122

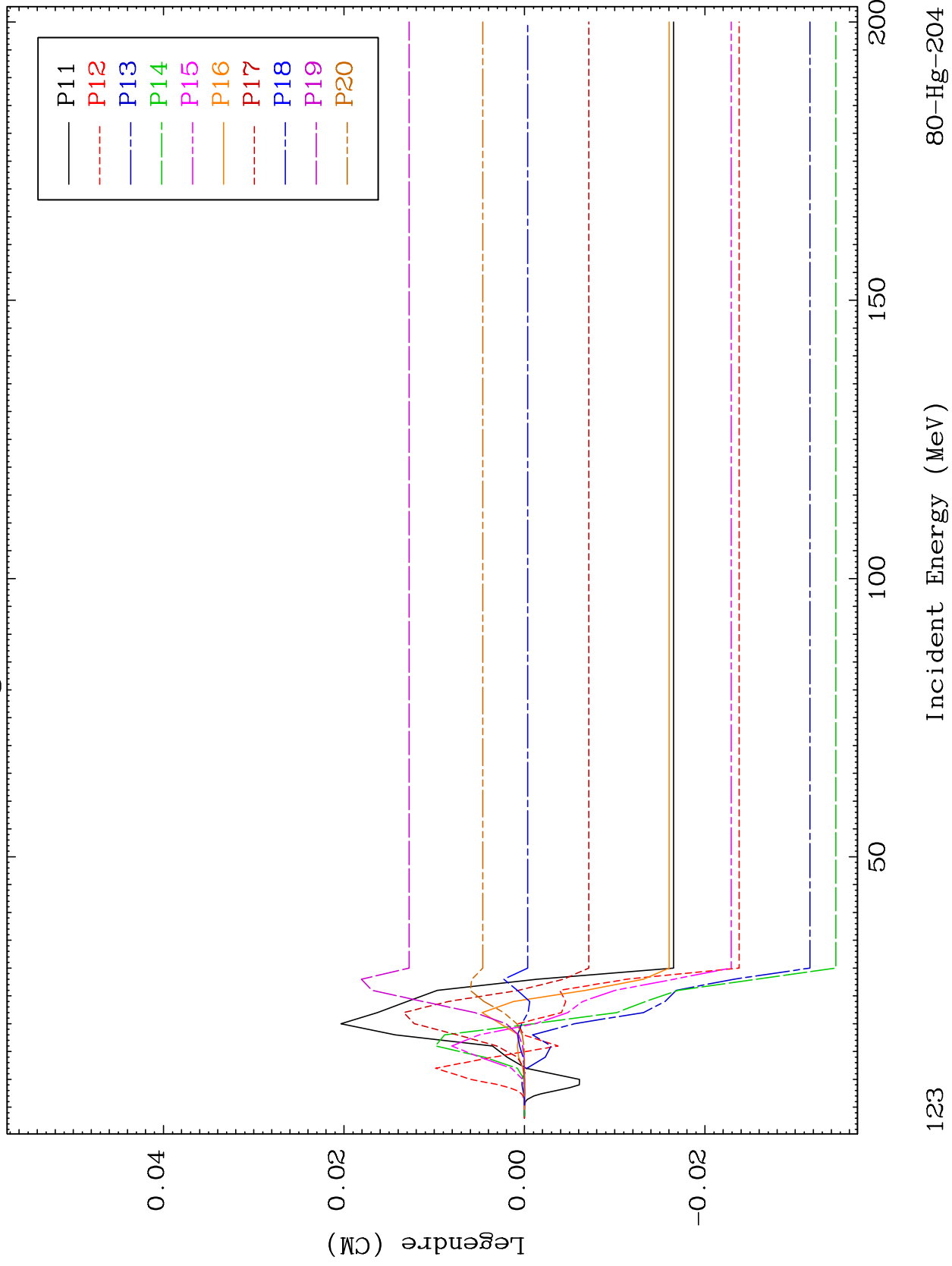
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 79 (n,n') Level
Legendre Coefficients

80-Hg-204



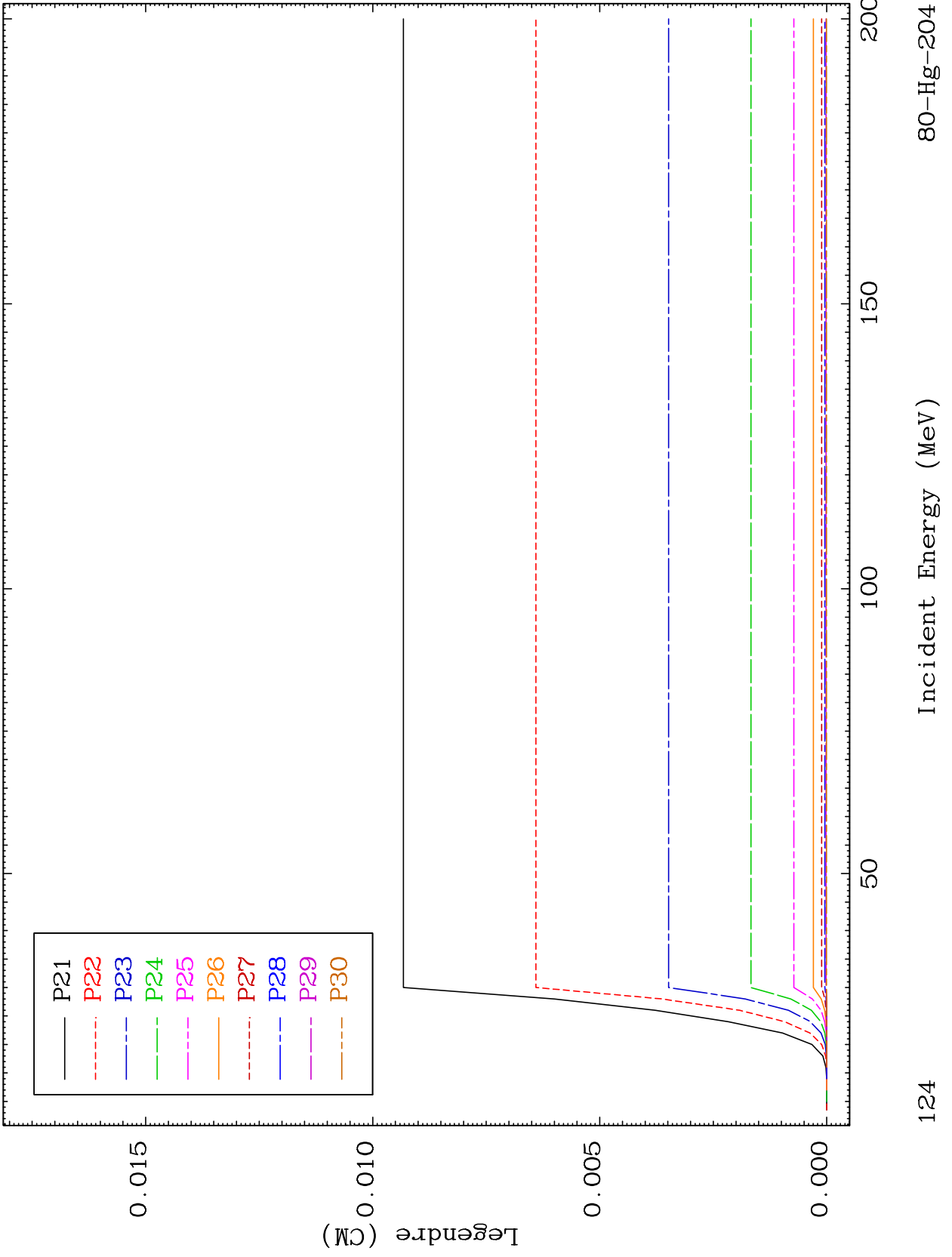
123

80-Hg-204

MAT 8049

MT= 79 (n,n') Level
Legendre Coefficients

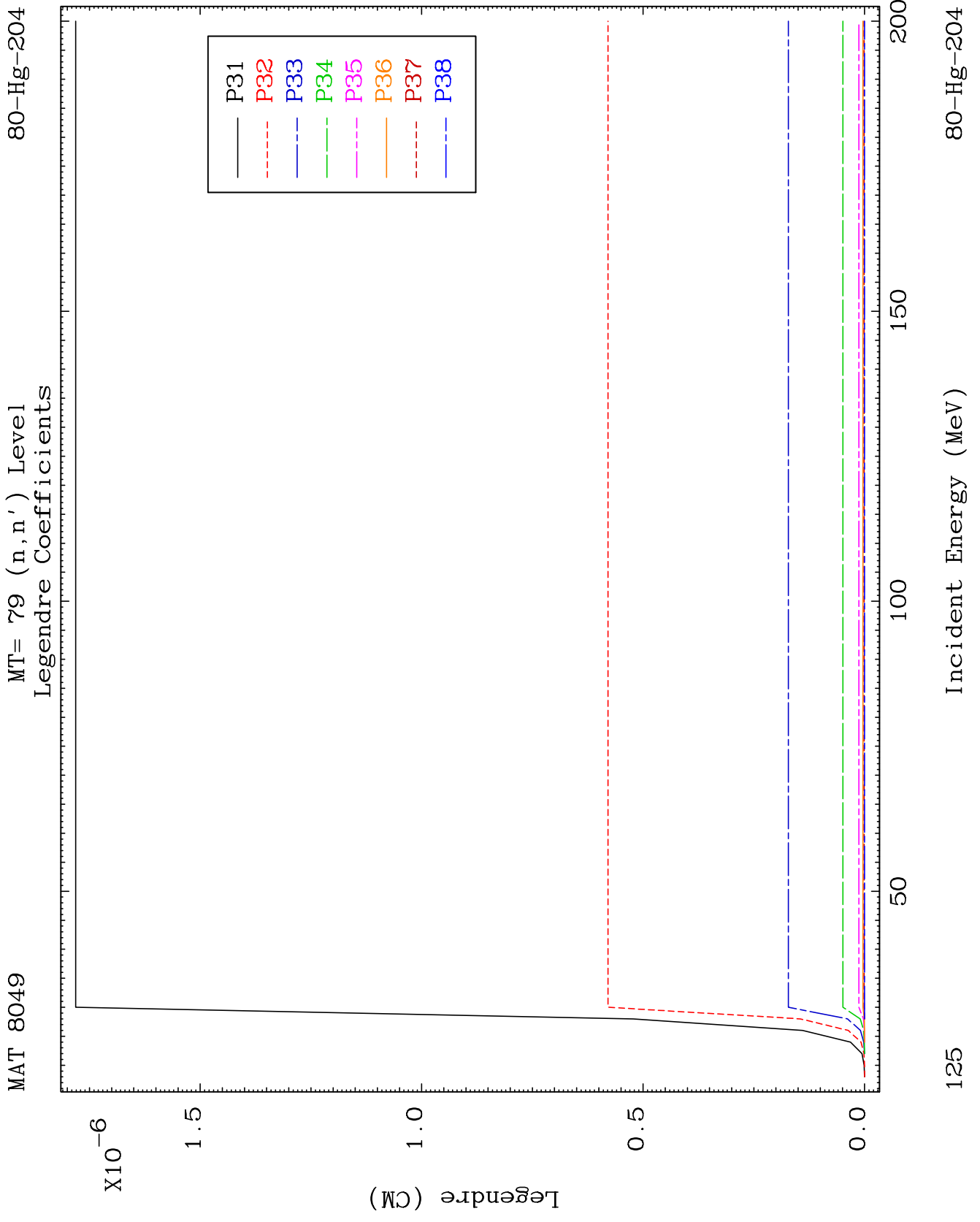
80-Hg-204

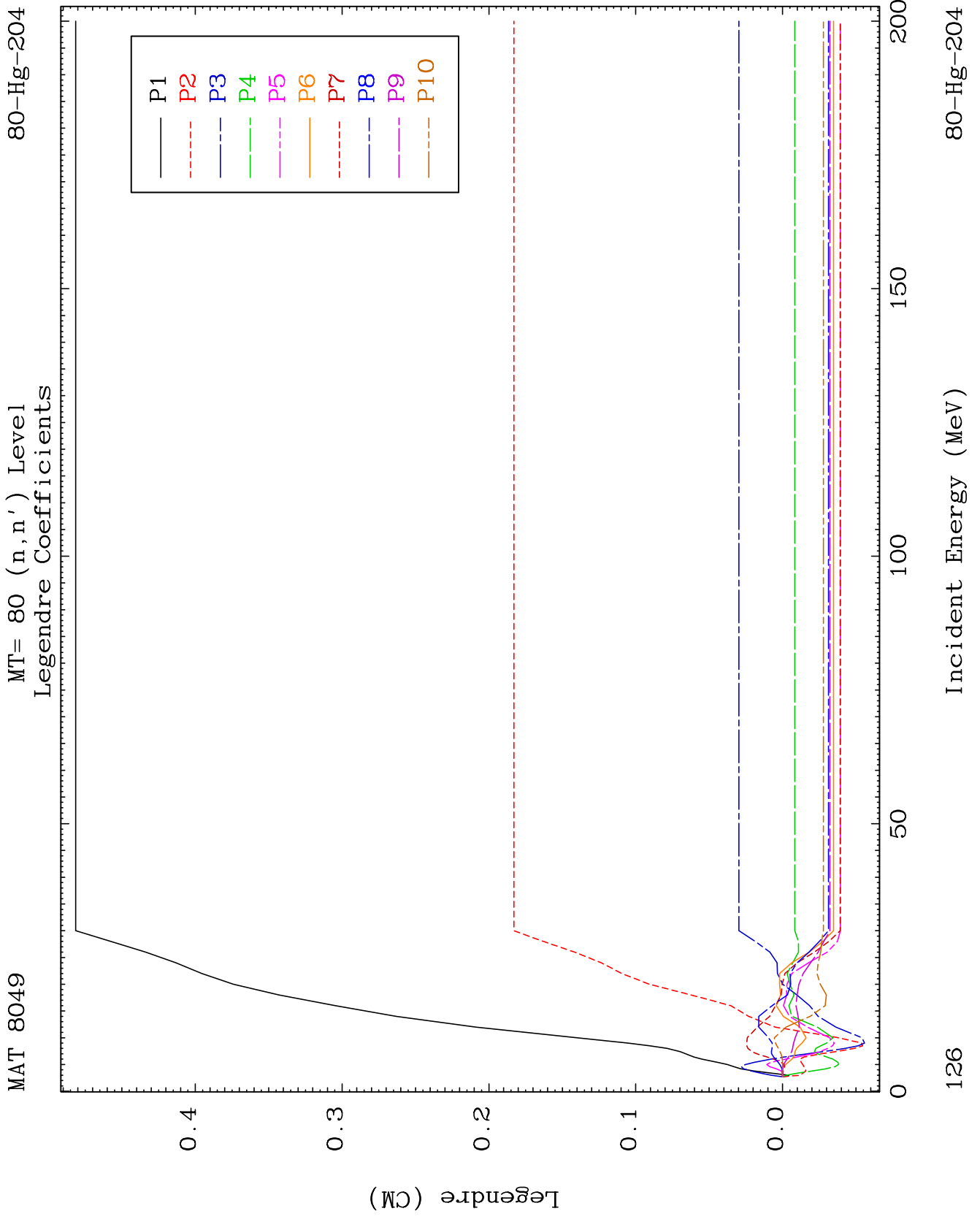


124

Incident Energy (MeV)

80-Hg-204

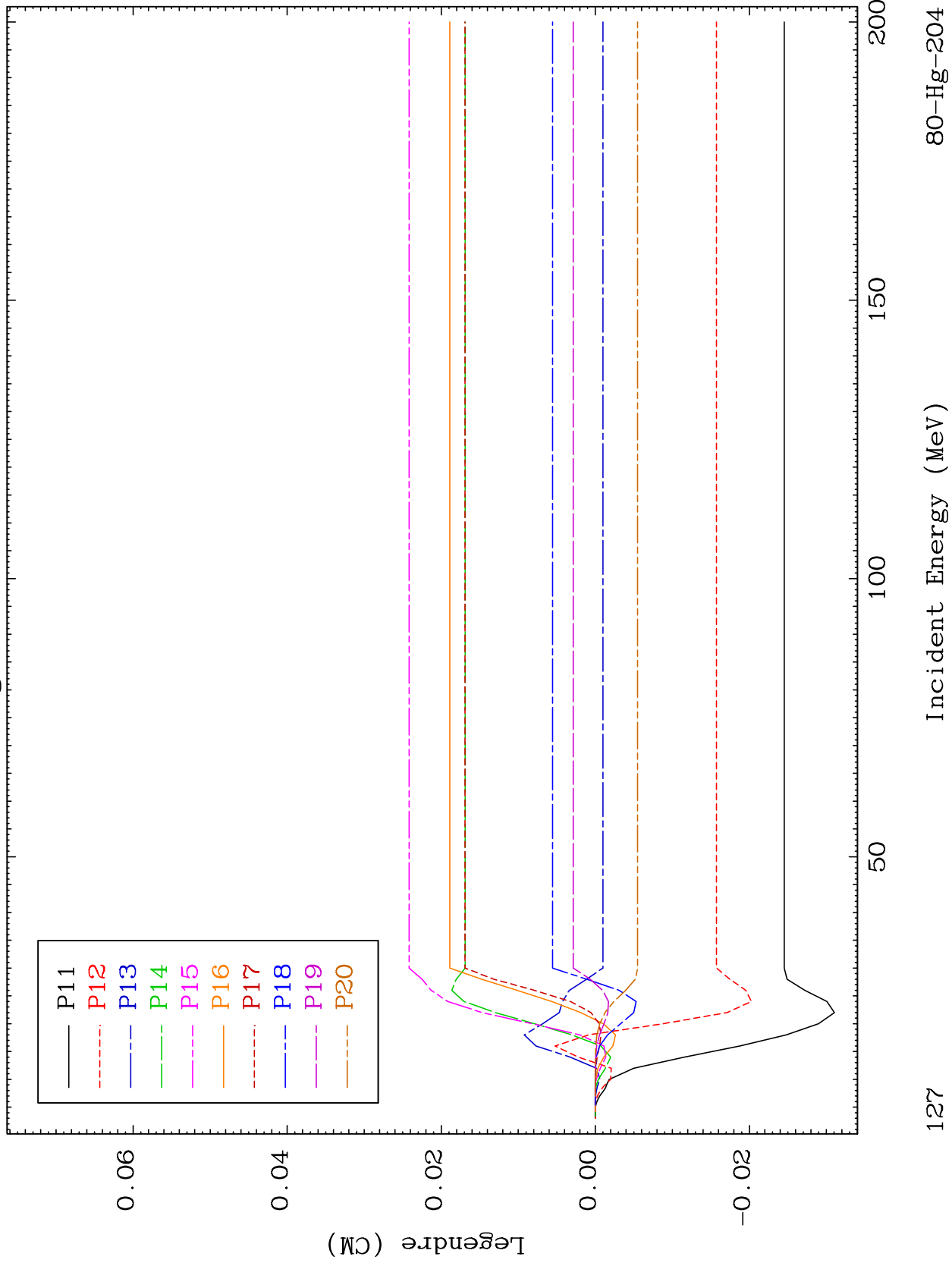




MAT 8049

MT= 80 (n,n') Level
Legendre Coefficients

80-Hg-204



127

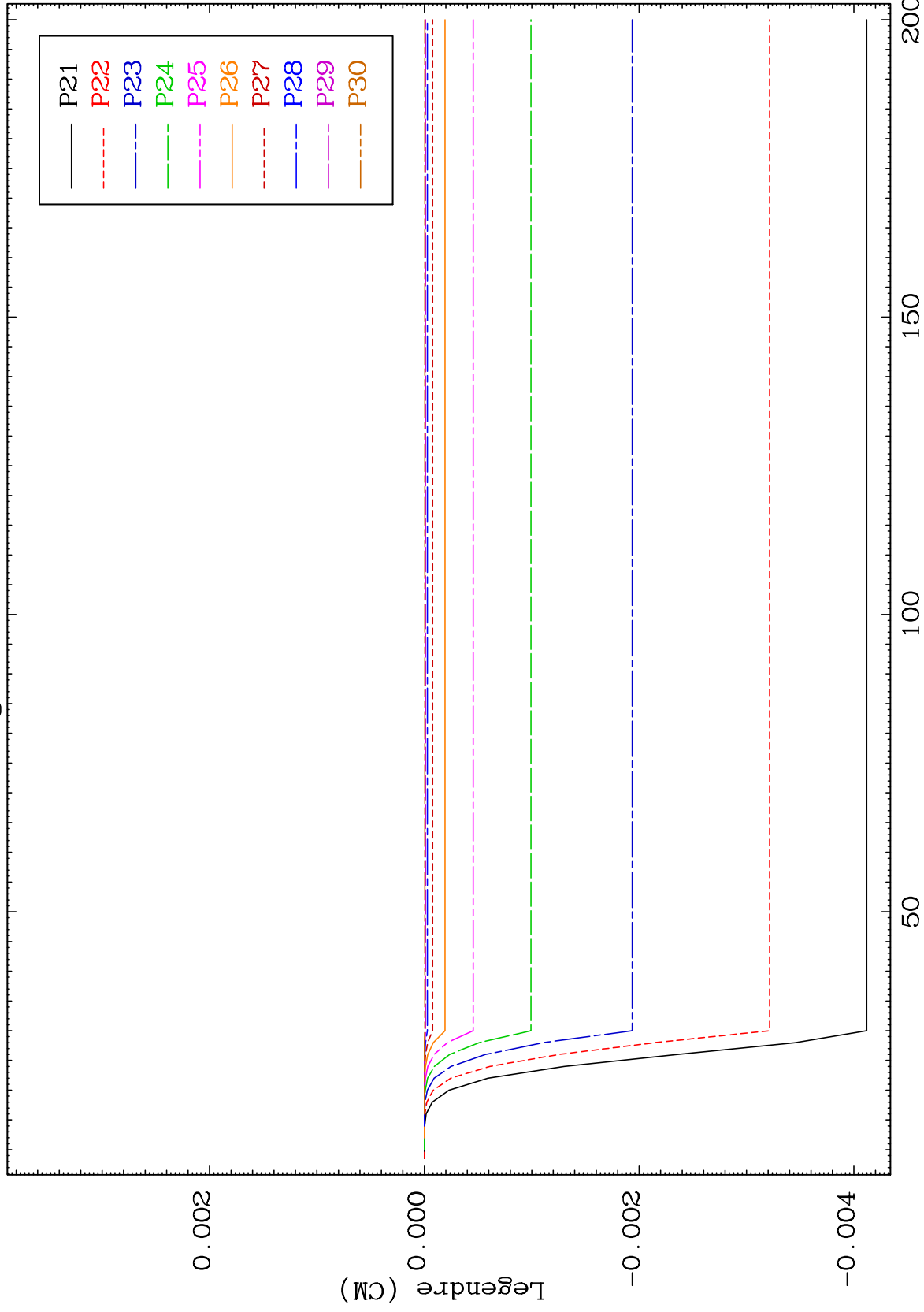
Incident Energy (MeV)

80-Hg-204

MAT 8049

MT= 80 (n,n') Level
Legendre Coefficients

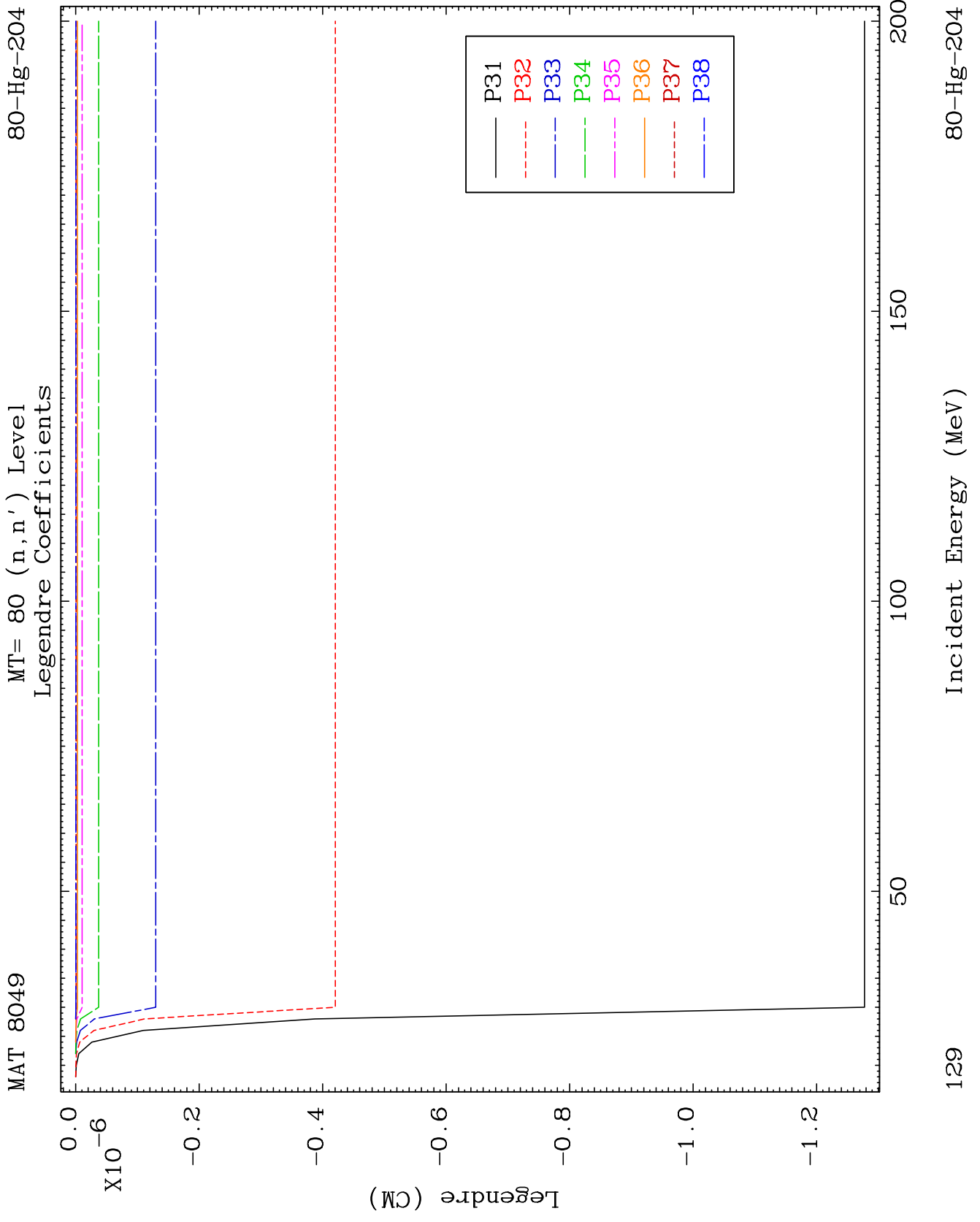
80-Hg-204



128

Incident Energy (MeV)

80-Hg-204

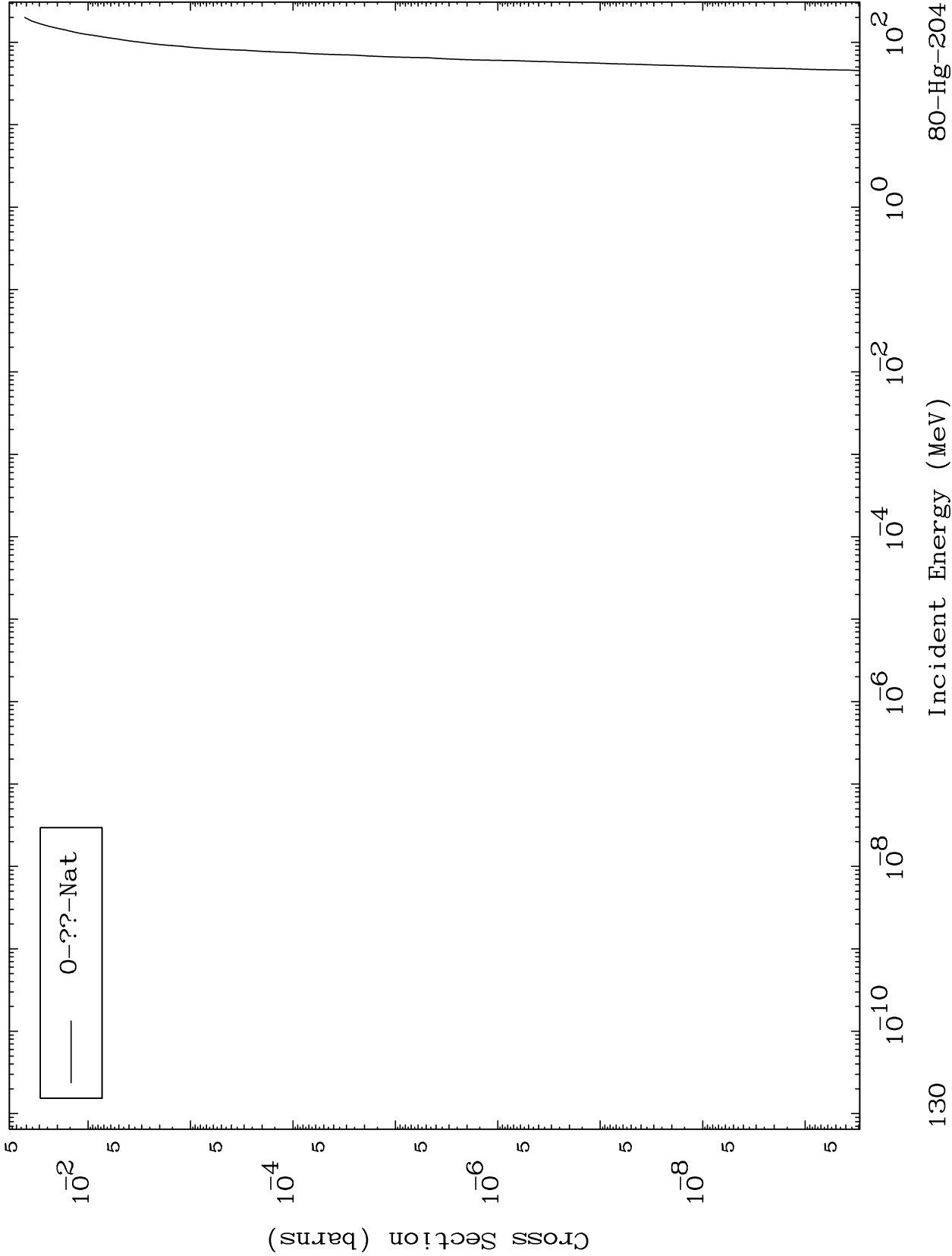


MAT 8049

Fission

80-Hg-204

Radionuclide Production Cross Section

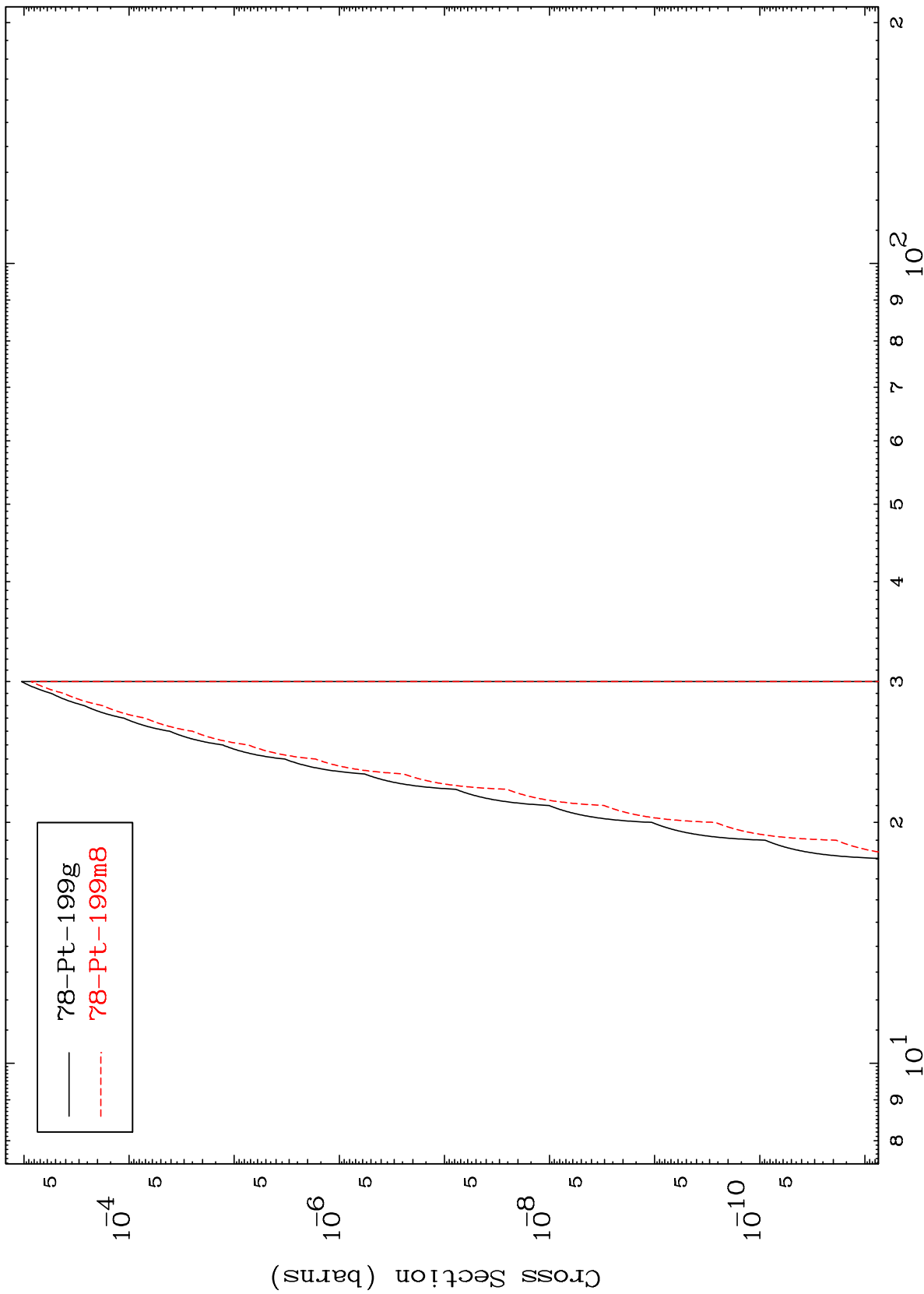


MAT 8049

$(n,2n) \alpha$

80-Hg-204

Radionuclide Production Cross Section



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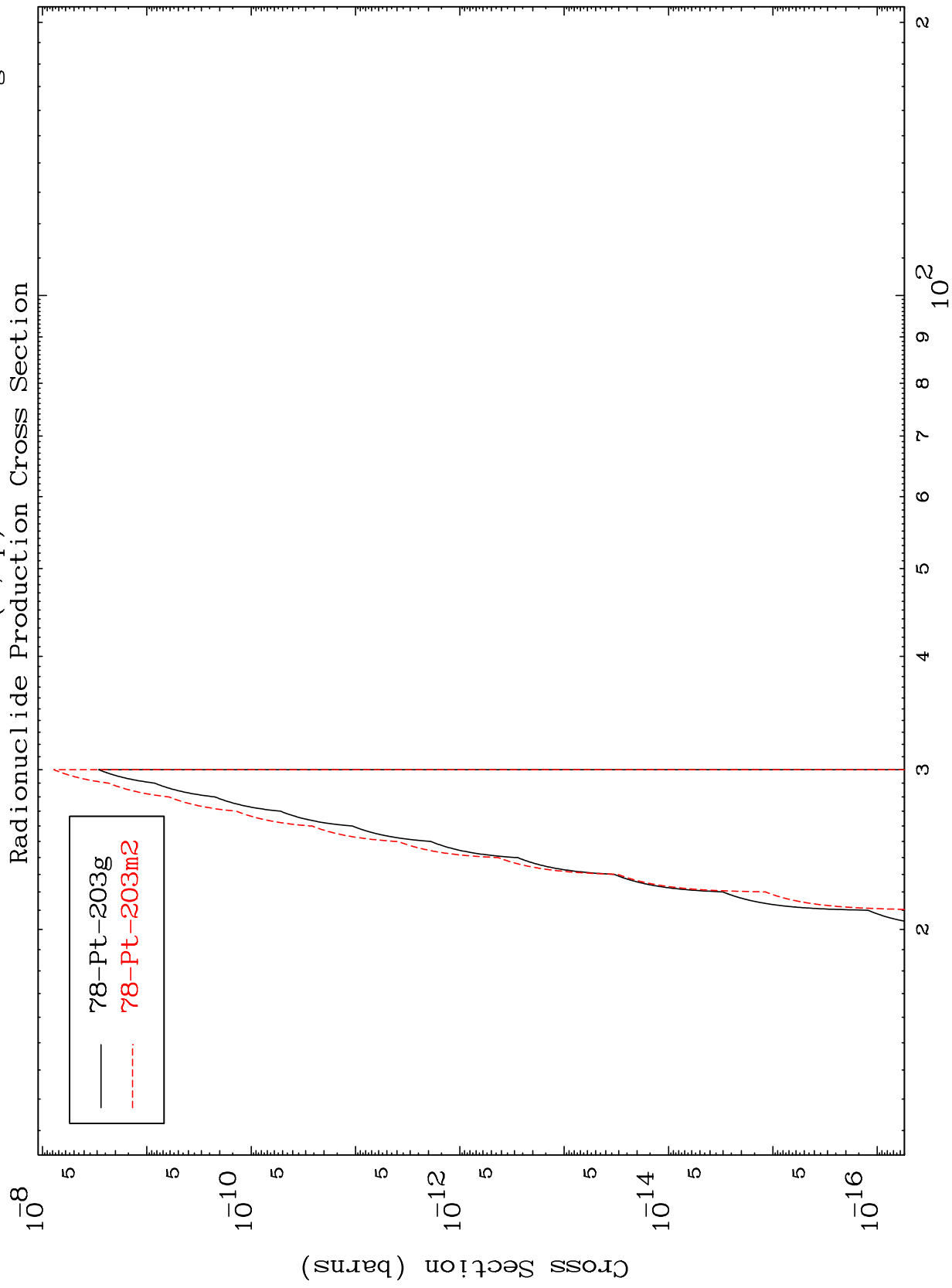
Incident Energy (MeV)

80-Hg-204

MAT 8049

80-Hg-204

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-204

132