

Program EVALPLOT
(Version 2017-1)

by

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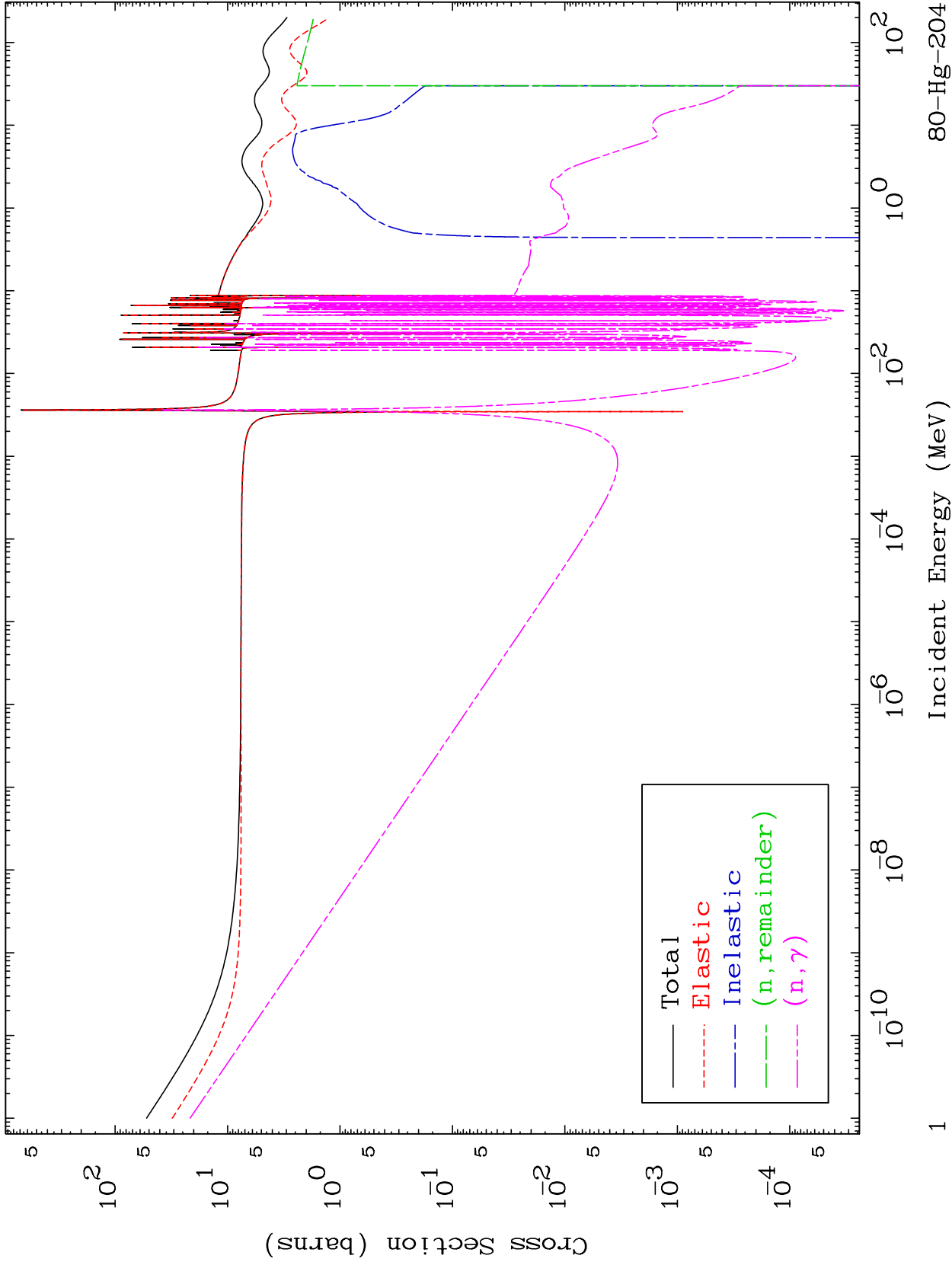
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8049

Major
293 Kelvin Cross Sections

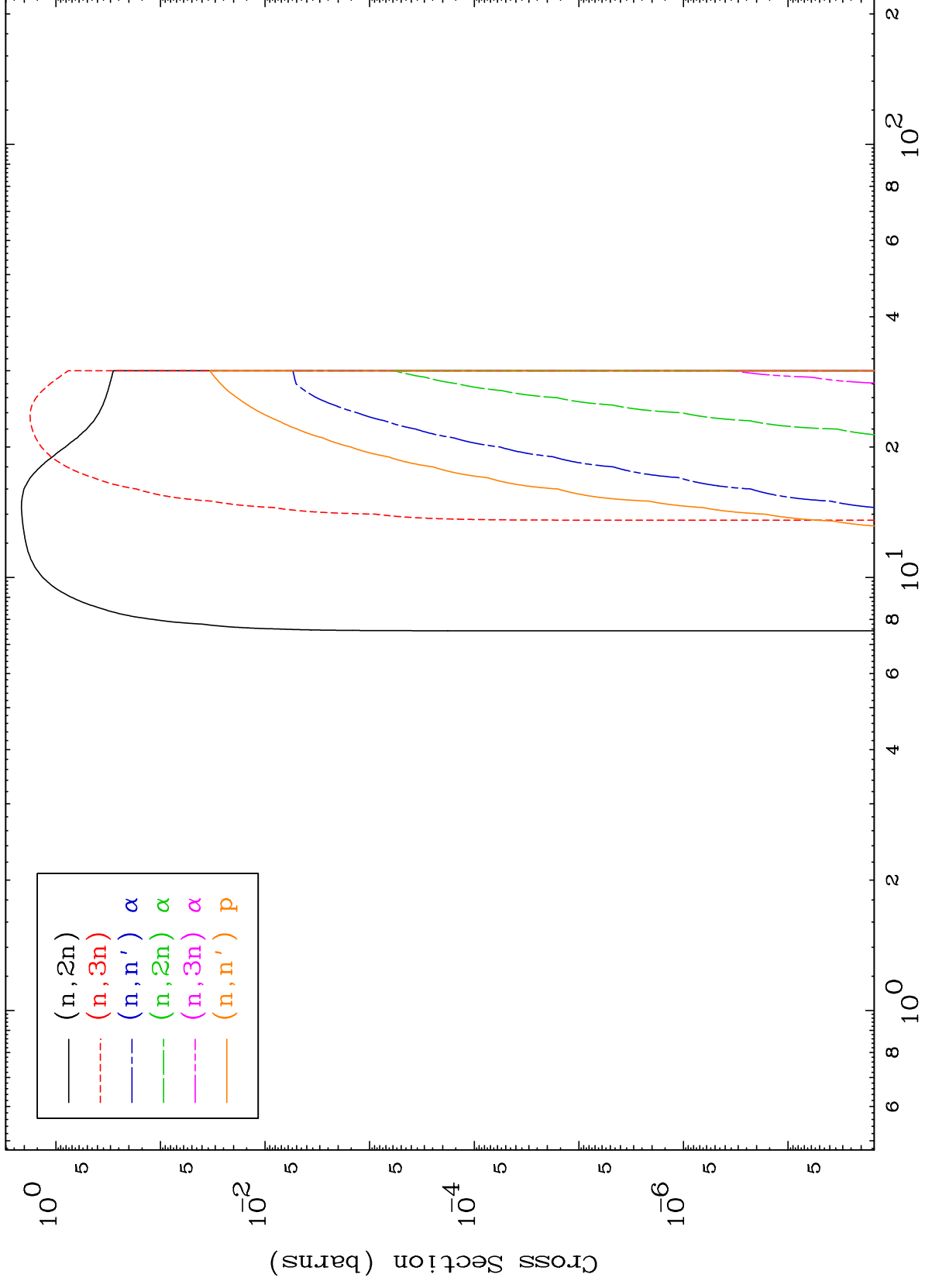
80-Hg-204



MAT 8049

Neutron Production
293 Kelvin Cross Sections

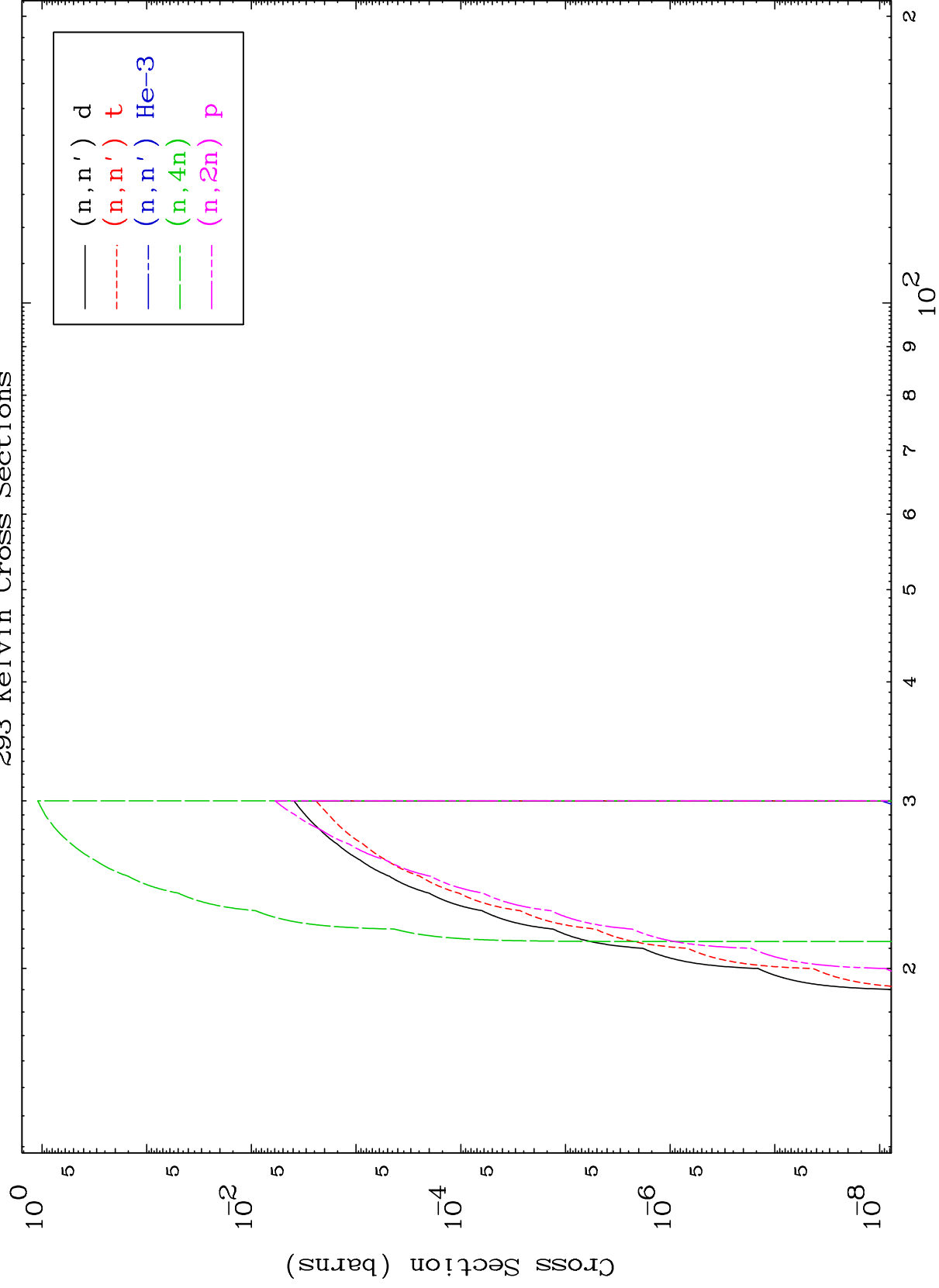
80-Hg-204



MAT 8049

Neutron Production
293 Kelvin Cross Sections

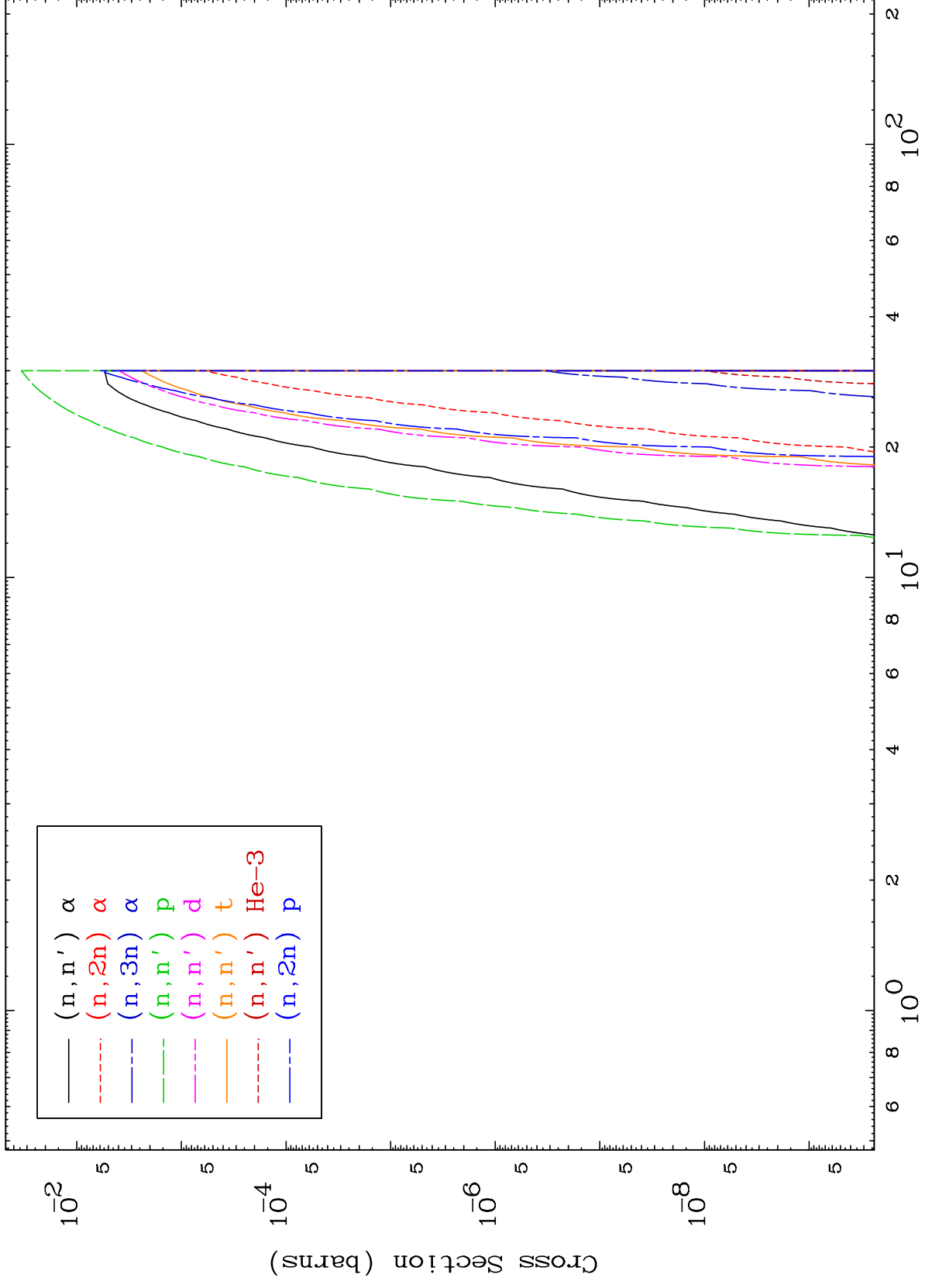
80-Hg-204



MAT 8049

Charged Particle
293 Kelvin Cross Sections

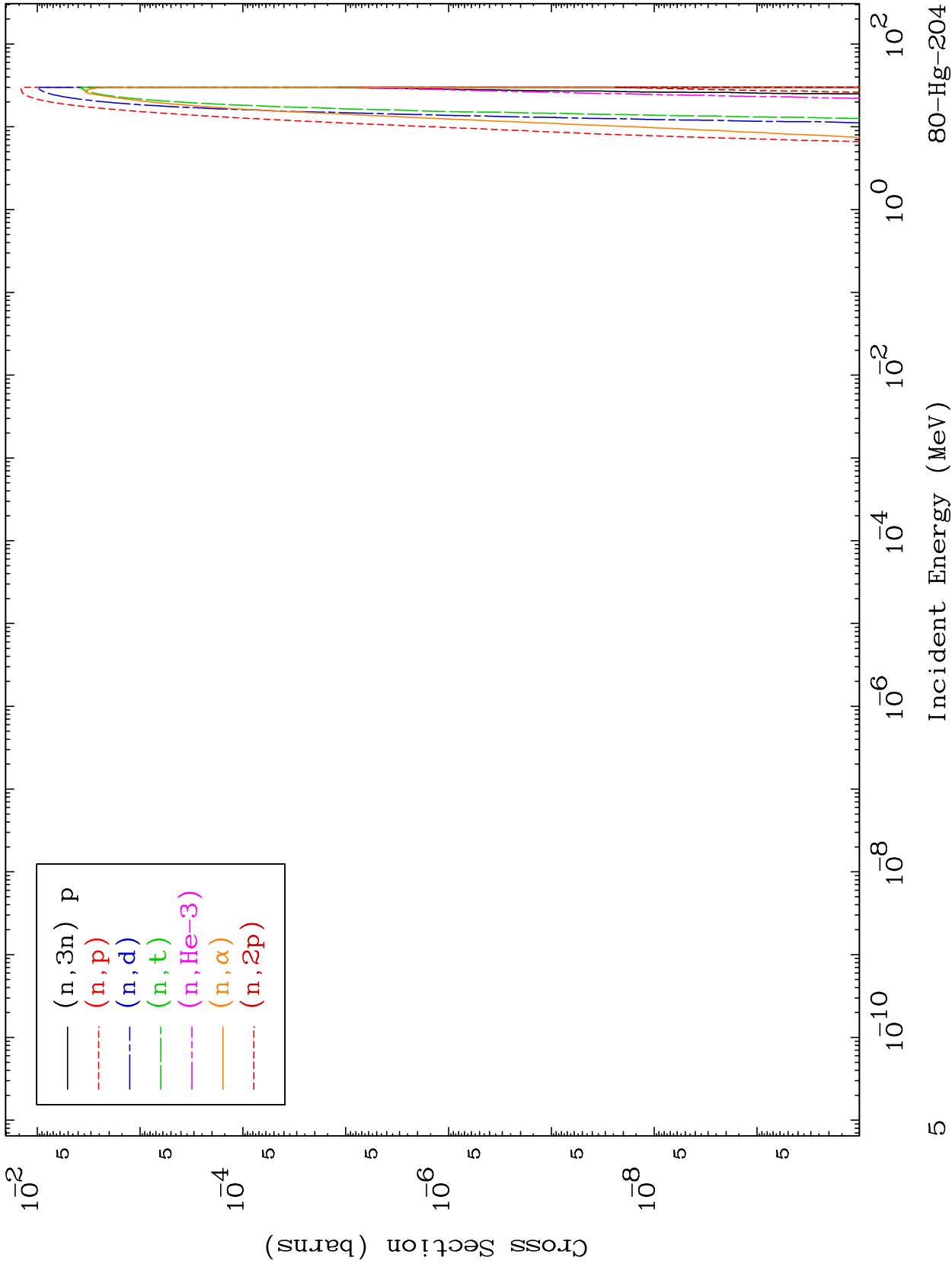
80-Hg-204



MAT 8049

Charged Particle
293 Kelvin Cross Sections

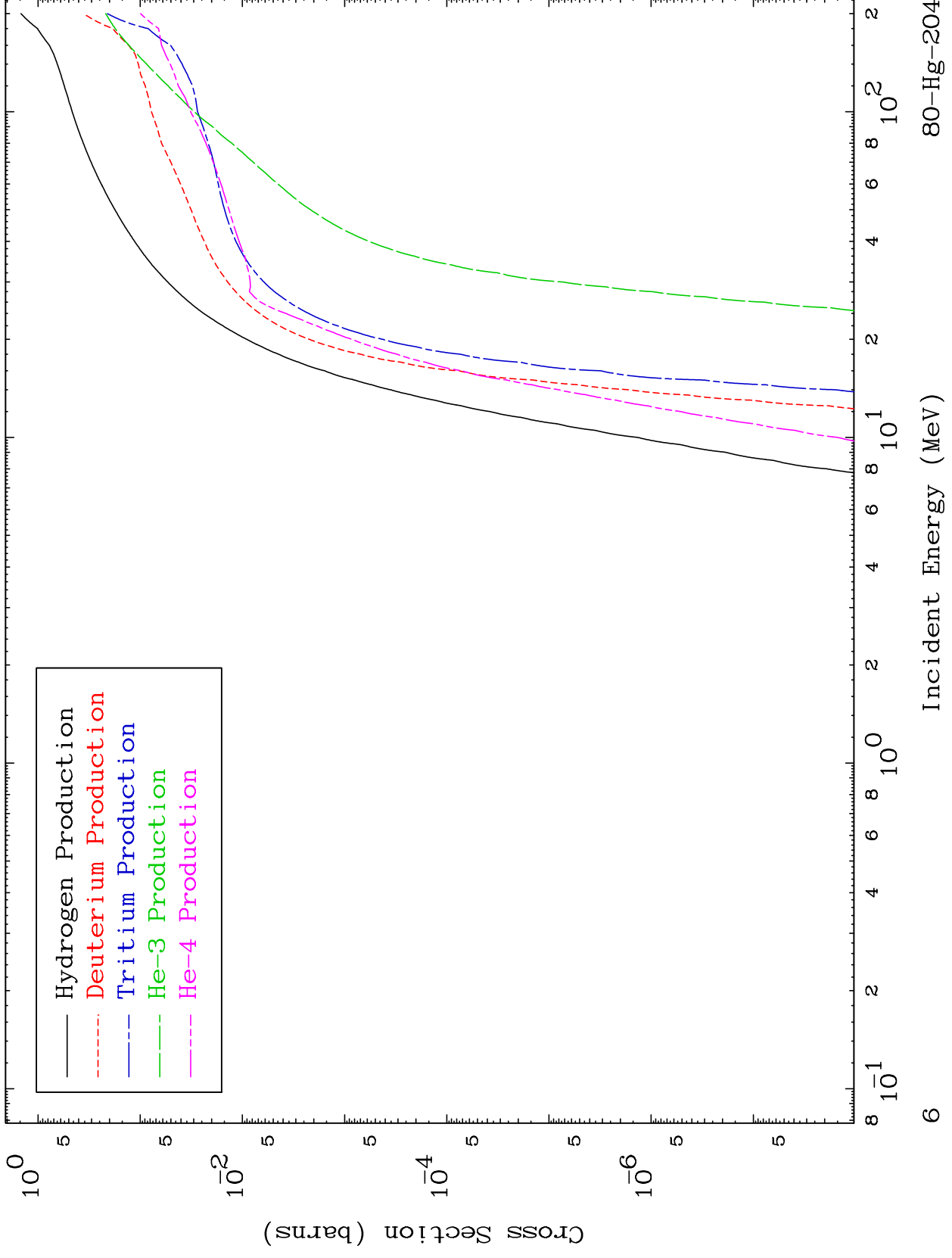
80-Hg-204



MAT 8049

Particle Production
293 Kelvin Cross Sections

80-Hg-204

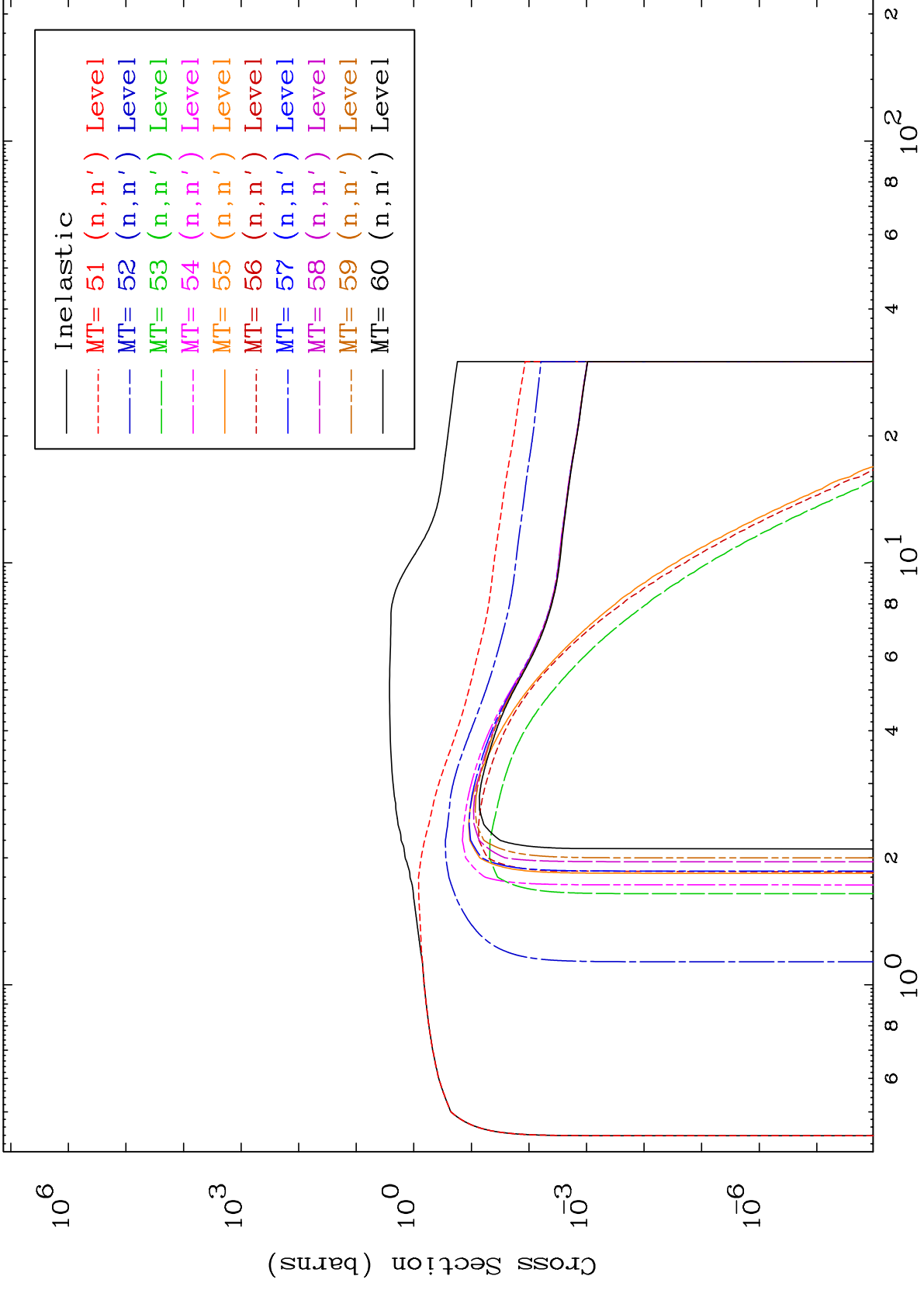


MAT 8049

(n,n') Level

80-Hg-204

293 Kelvin Cross Sections

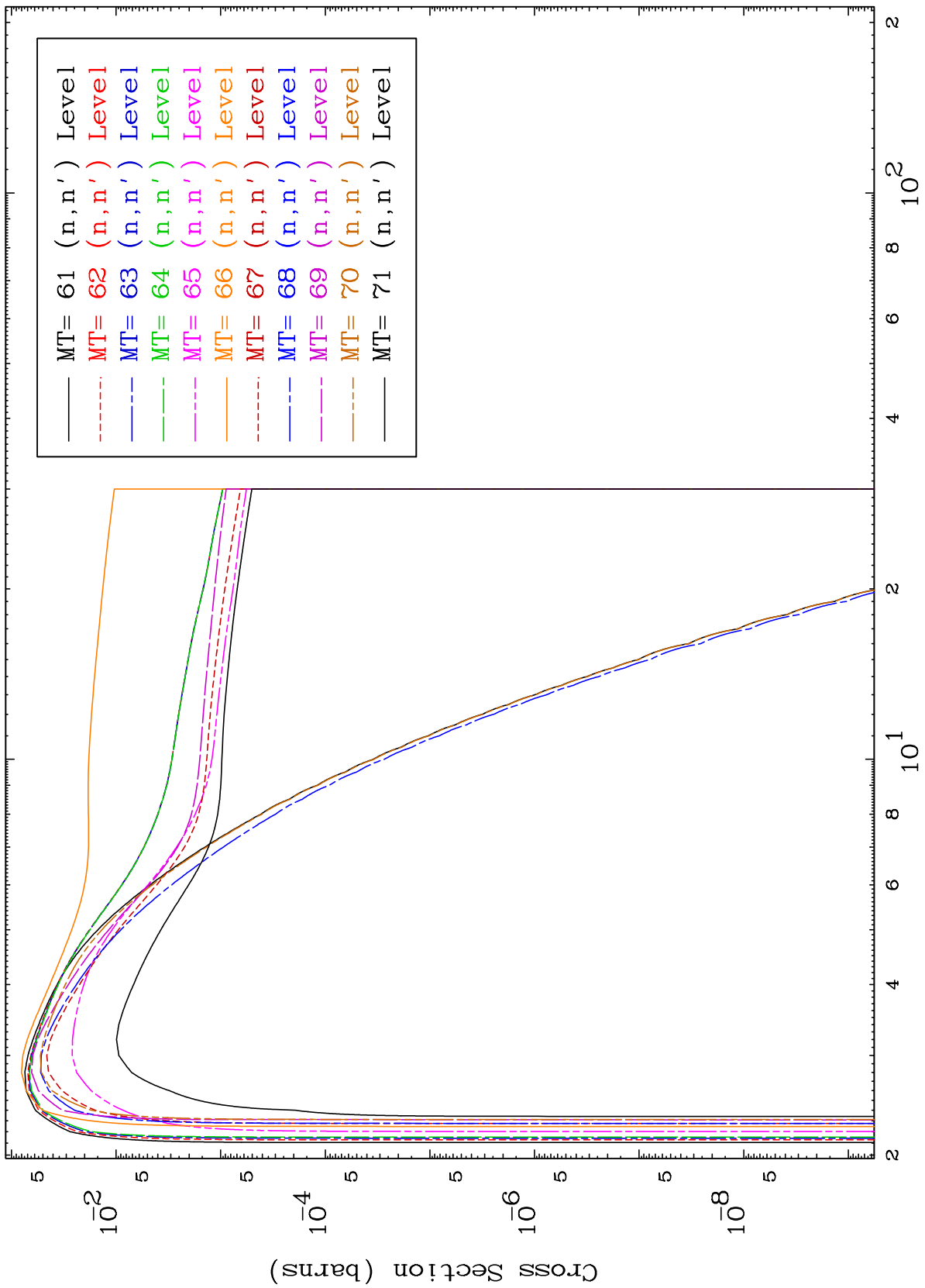


MAT 8049

(n,n') Level

80-Hg-204

293 Kelvin Cross Sections



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Incident Energy (MeV)

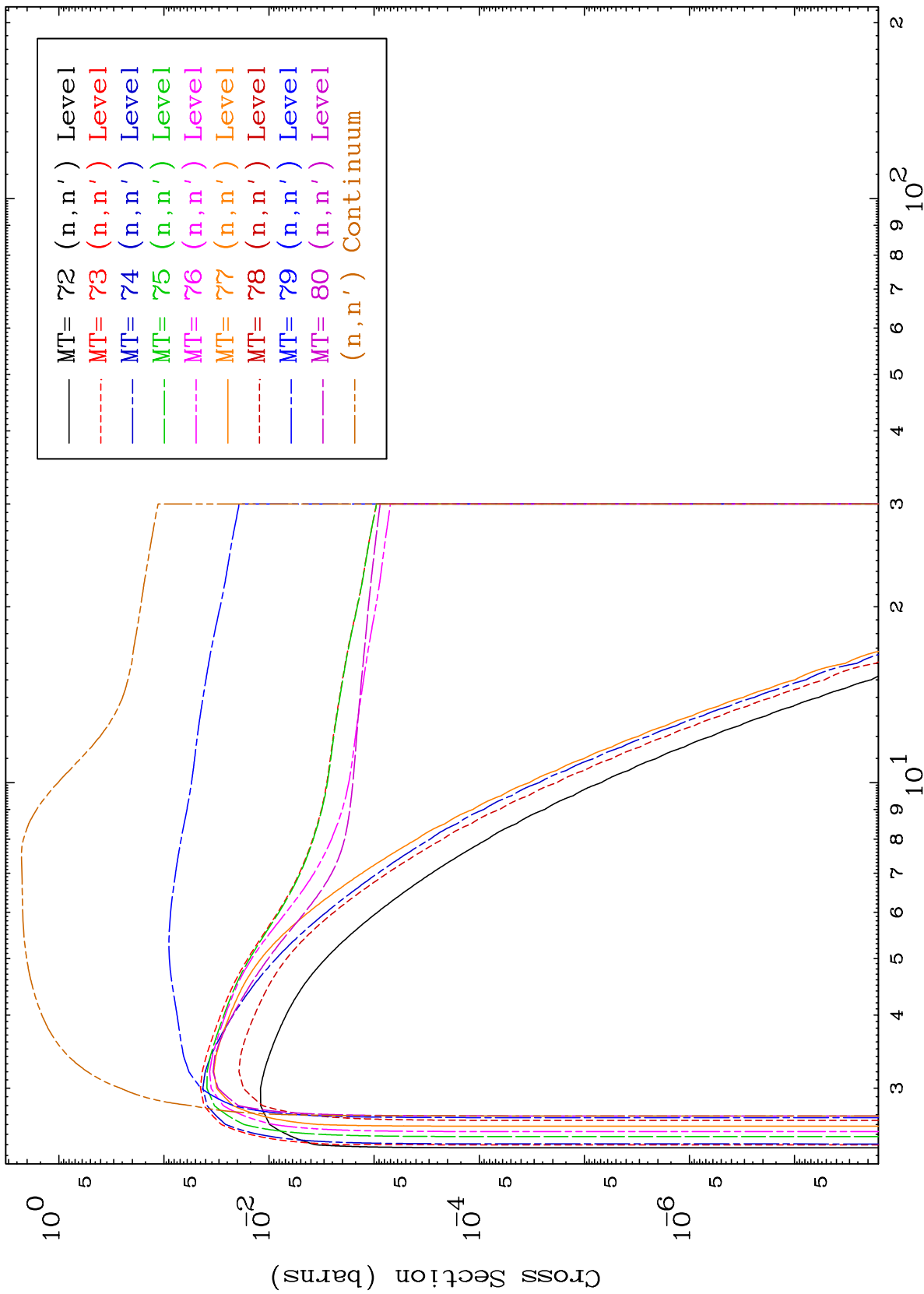
80-Hg-204

MAT 8049

(n,n') Level

80-Hg-204

293 Kelvin Cross Sections



9

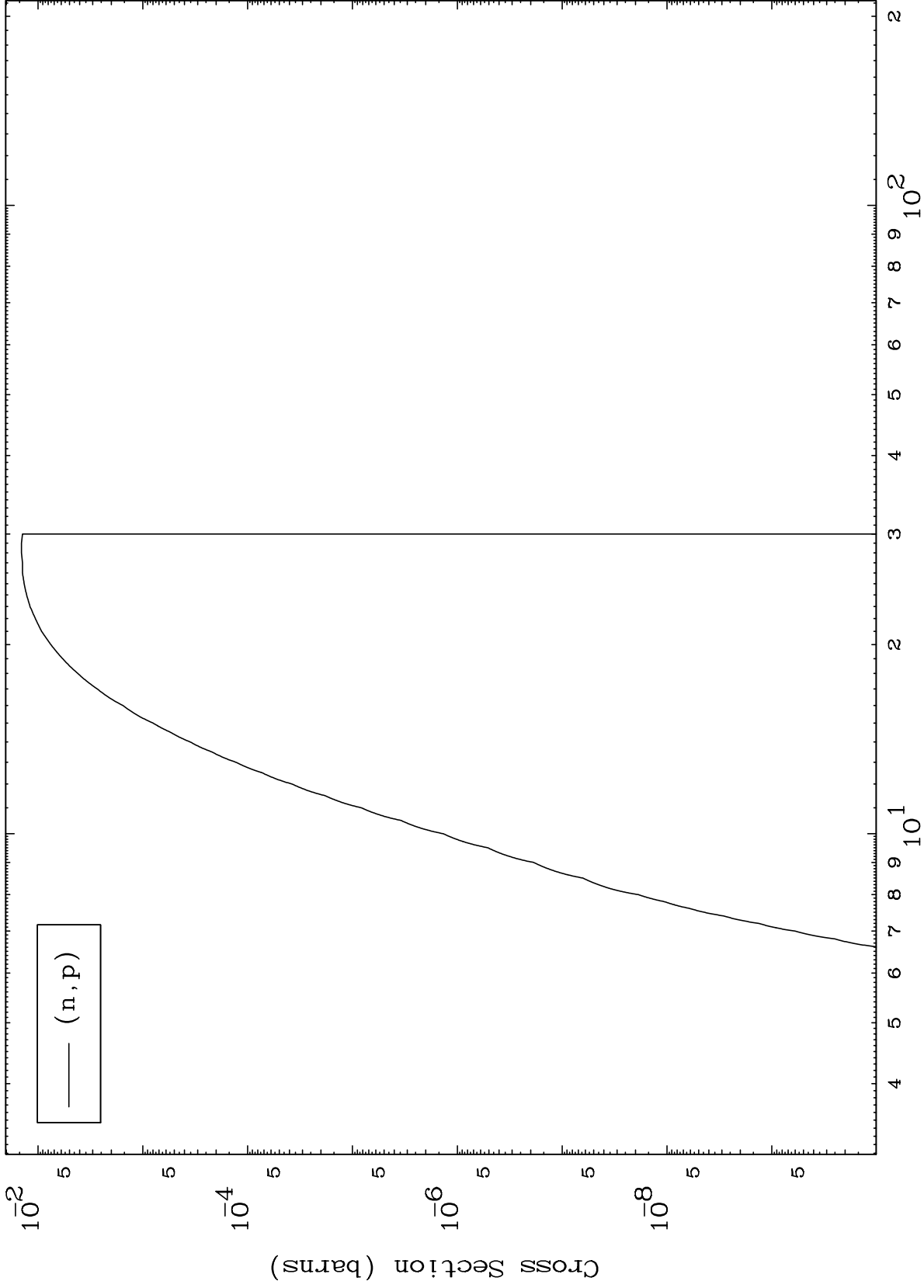
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-204



10

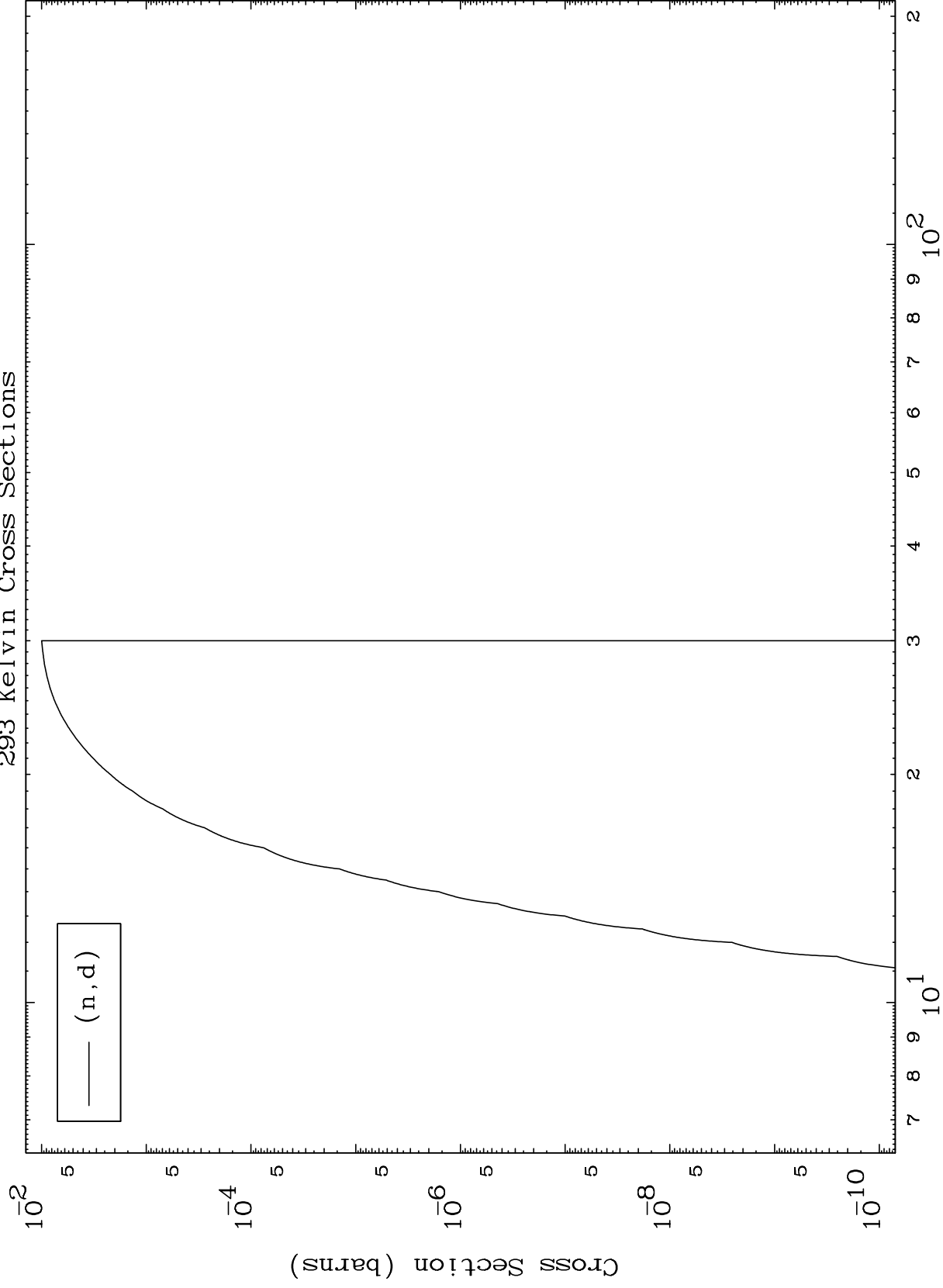
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,d) Levels
293 Kelvin Cross Sections

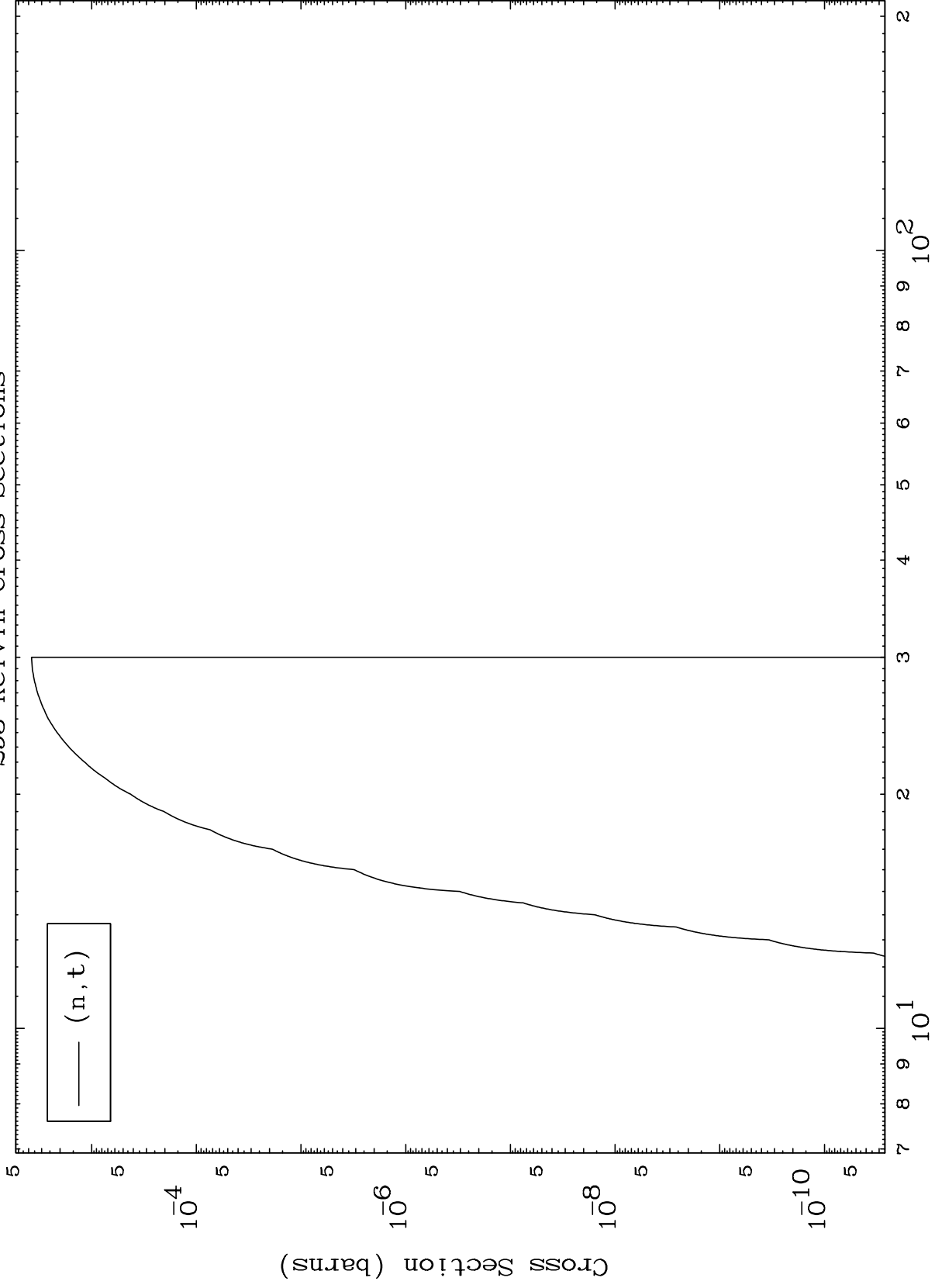
80-Hg-204



MAT 8049

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-204



12

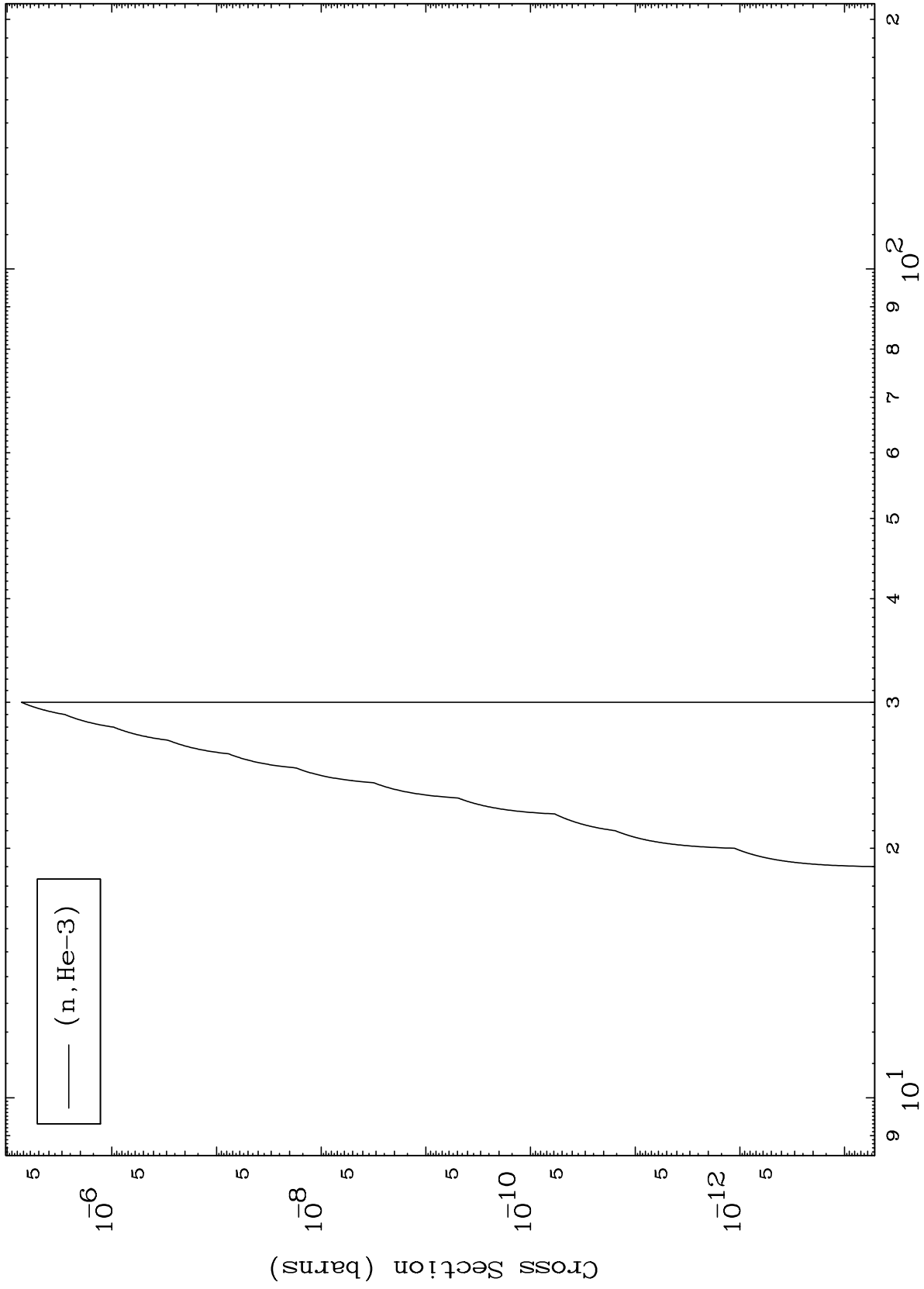
Incident Energy (MeV)

80-Hg-204

MAT 8049

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-204



13

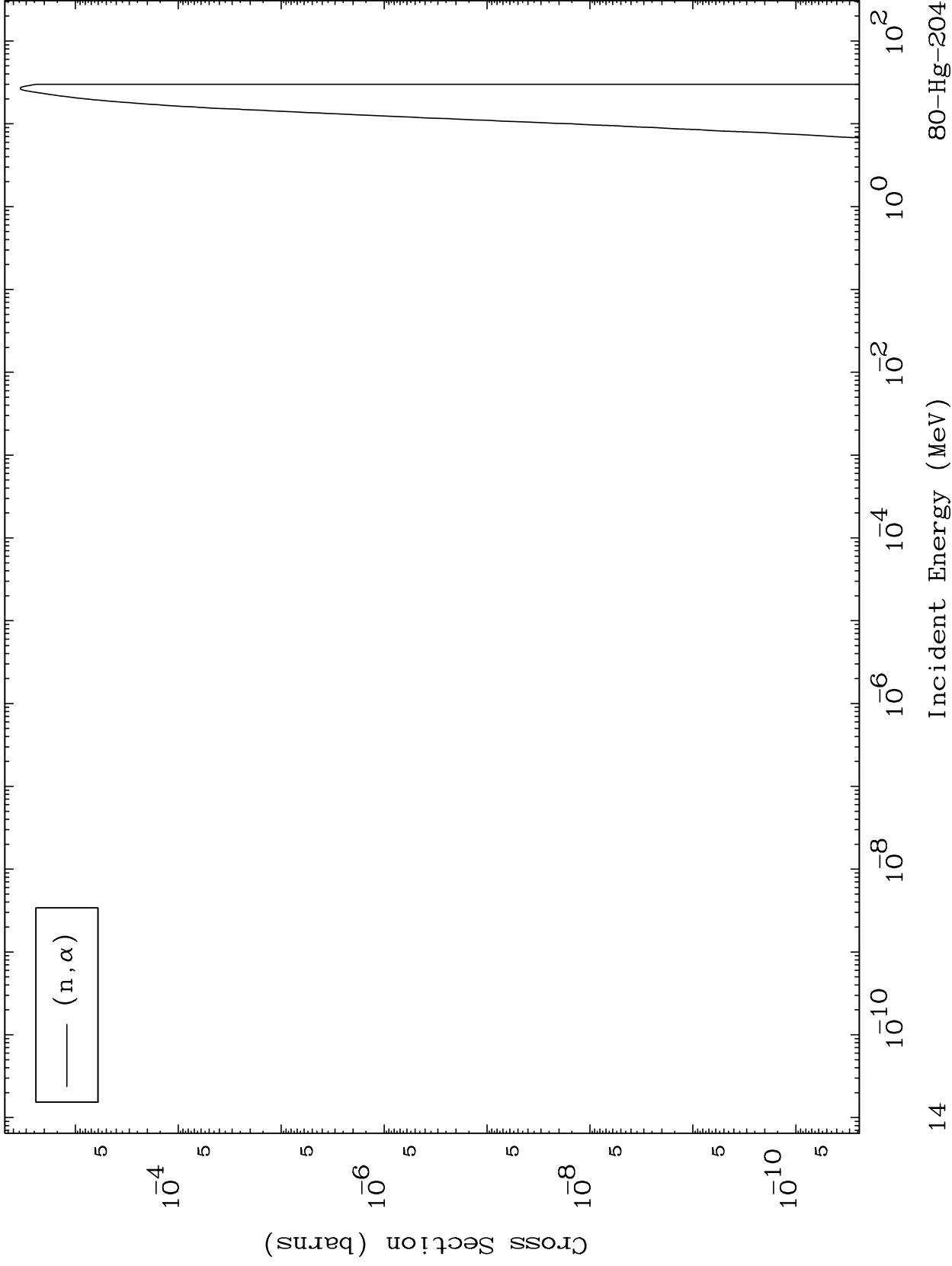
Incident Energy (MeV)

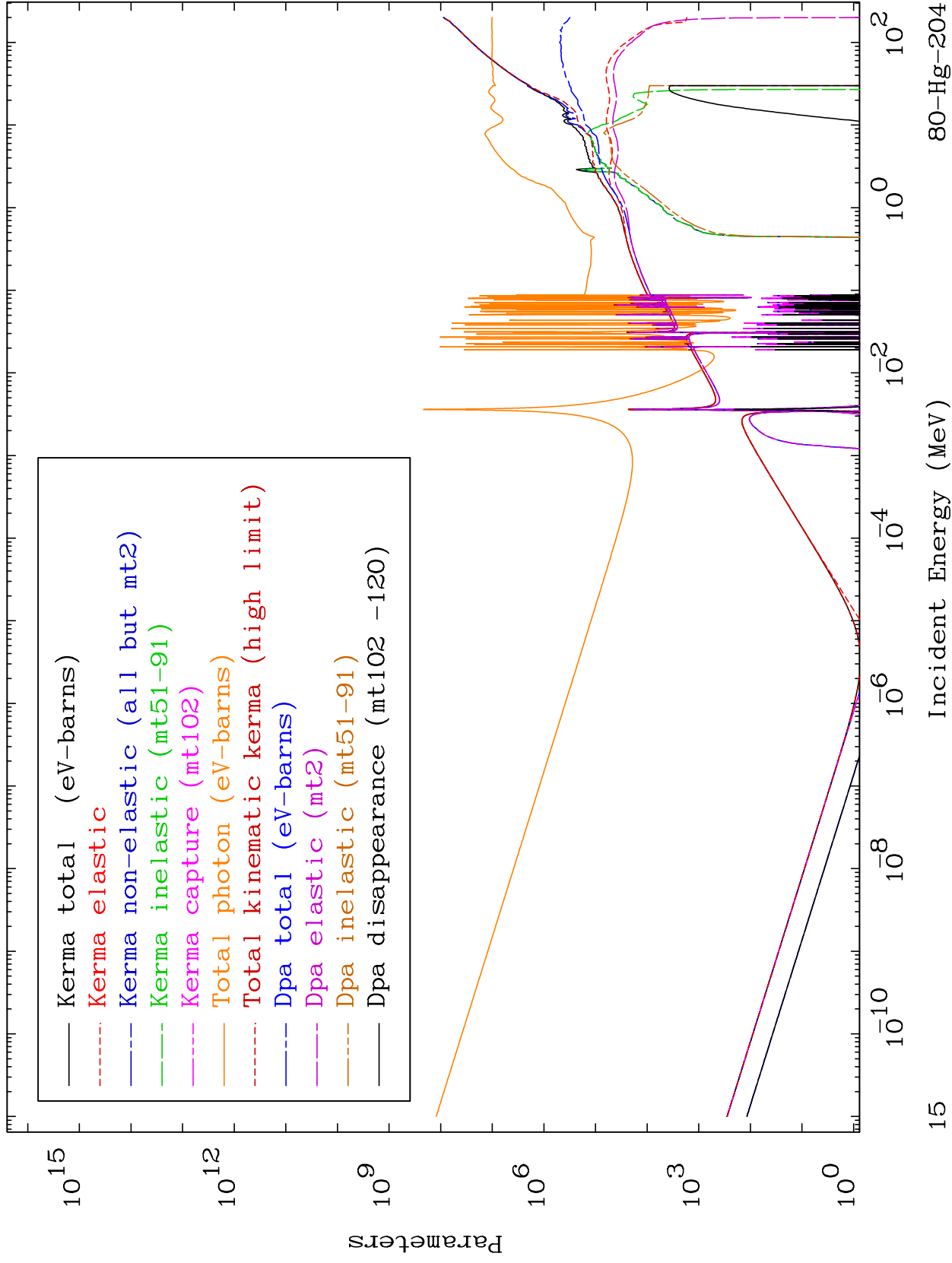
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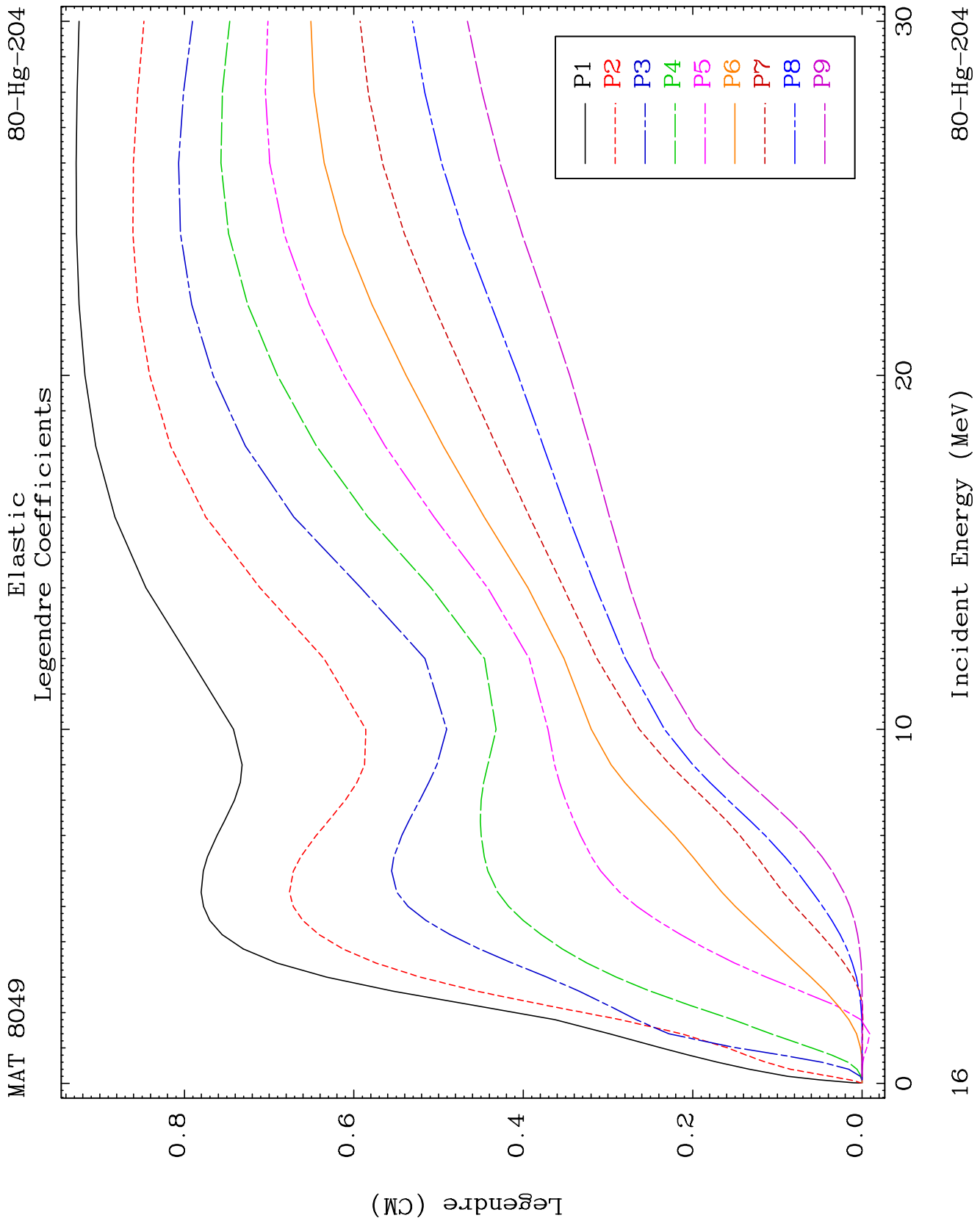
MAT 8049

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-204



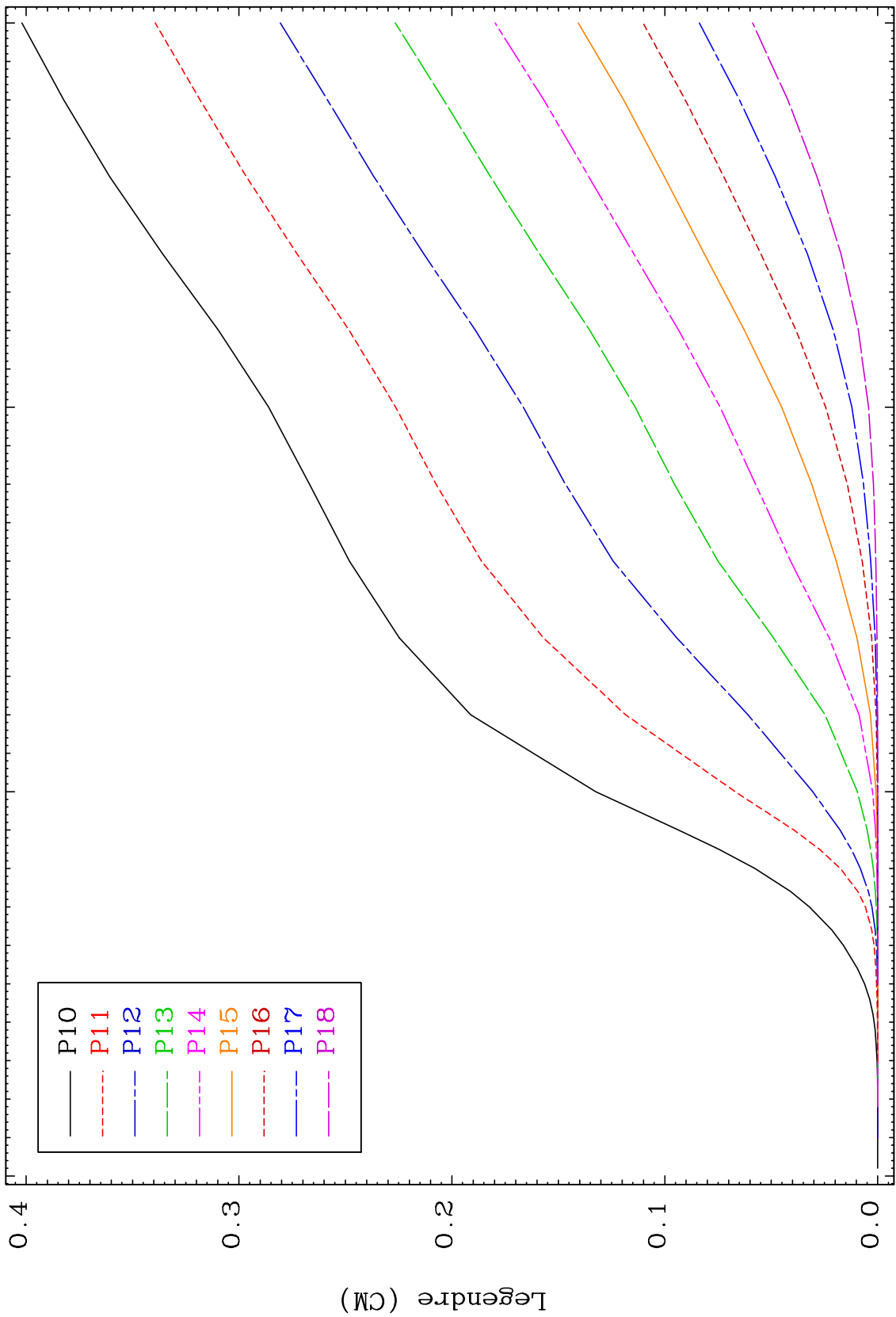




MAT 8049

Elastic Legendre Coefficients

80-Hg-204



17

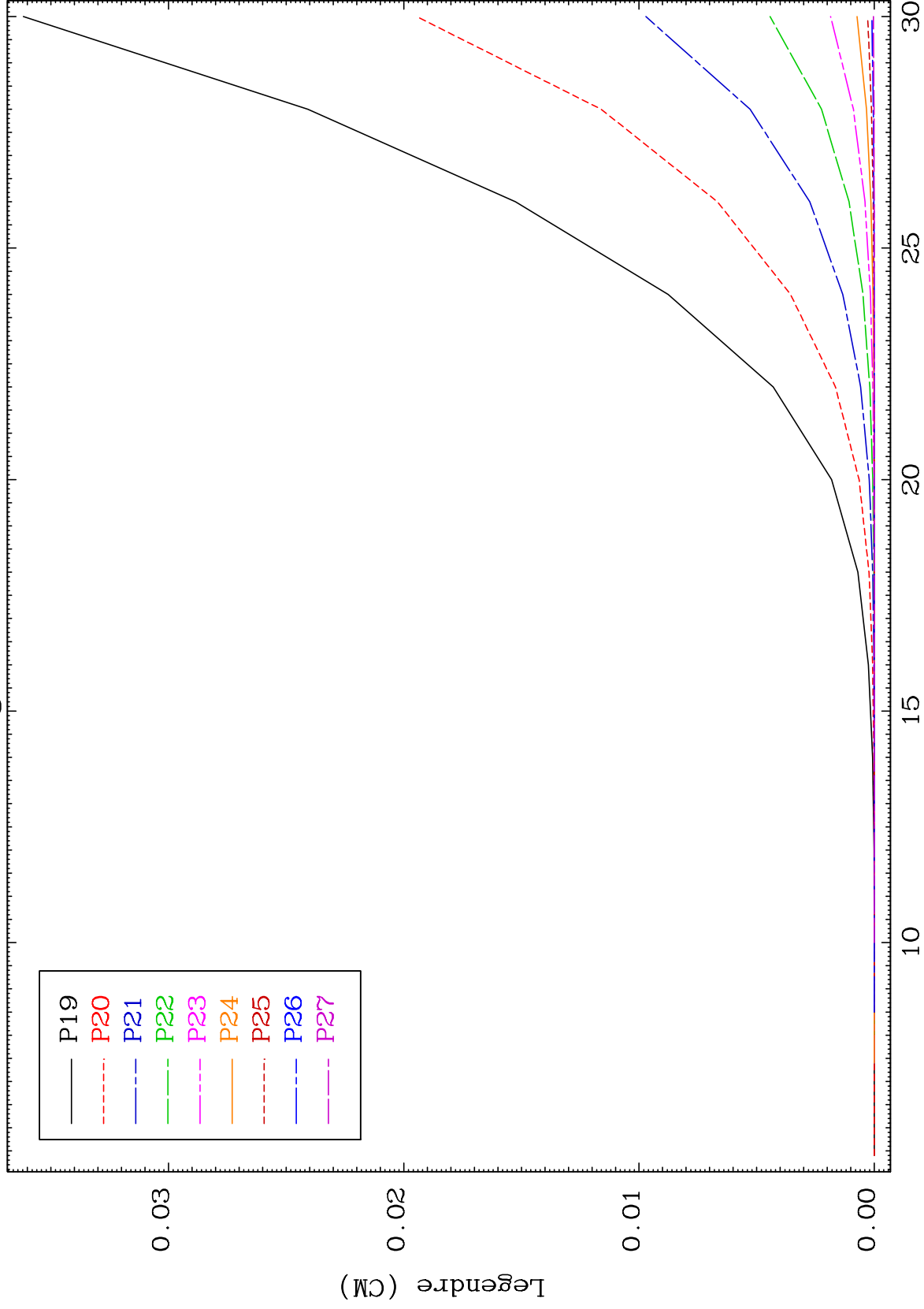
Incident Energy (MeV)

80-Hg-204

MAT 8049

Elastic
Legendre Coefficients

80-Hg-204



18

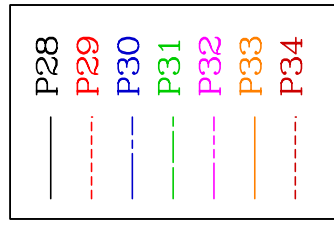
Incident Energy (MeV)

80-Hg-204

MAT 8049

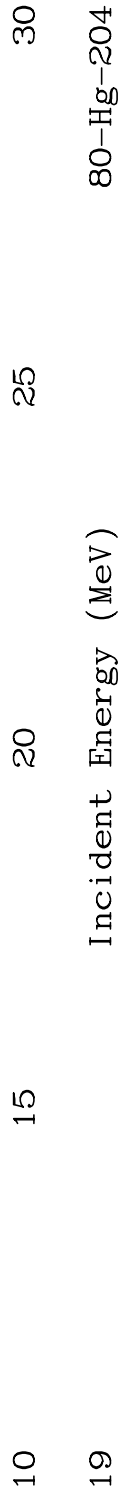
Elastic Legendre Coefficients

80-Hg-204



$\times 10^{-5}$
1.2
1.0
0.8
0.6
0.4
0.2
0.0

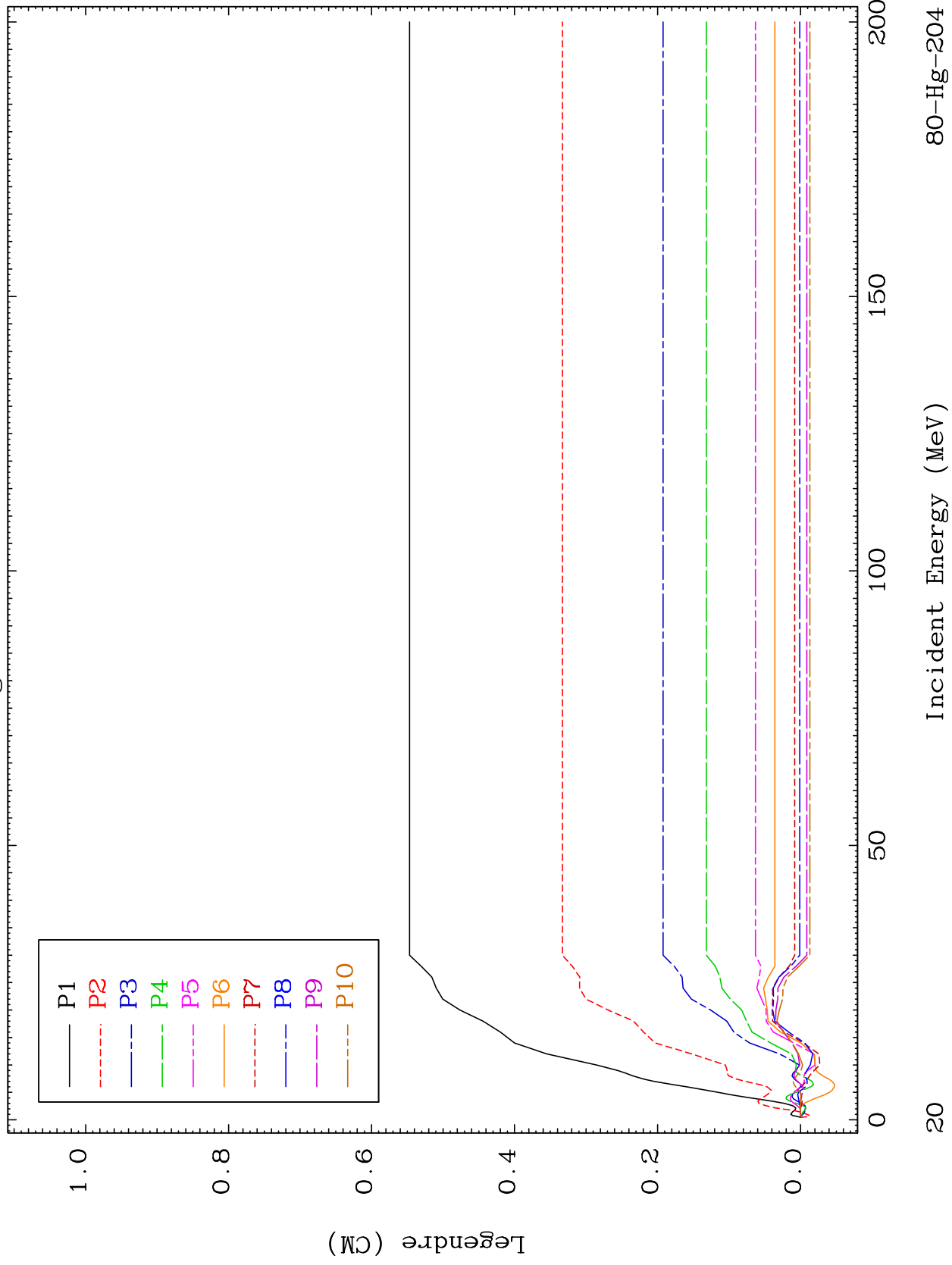
Legendre (CM)



MAT 8049

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

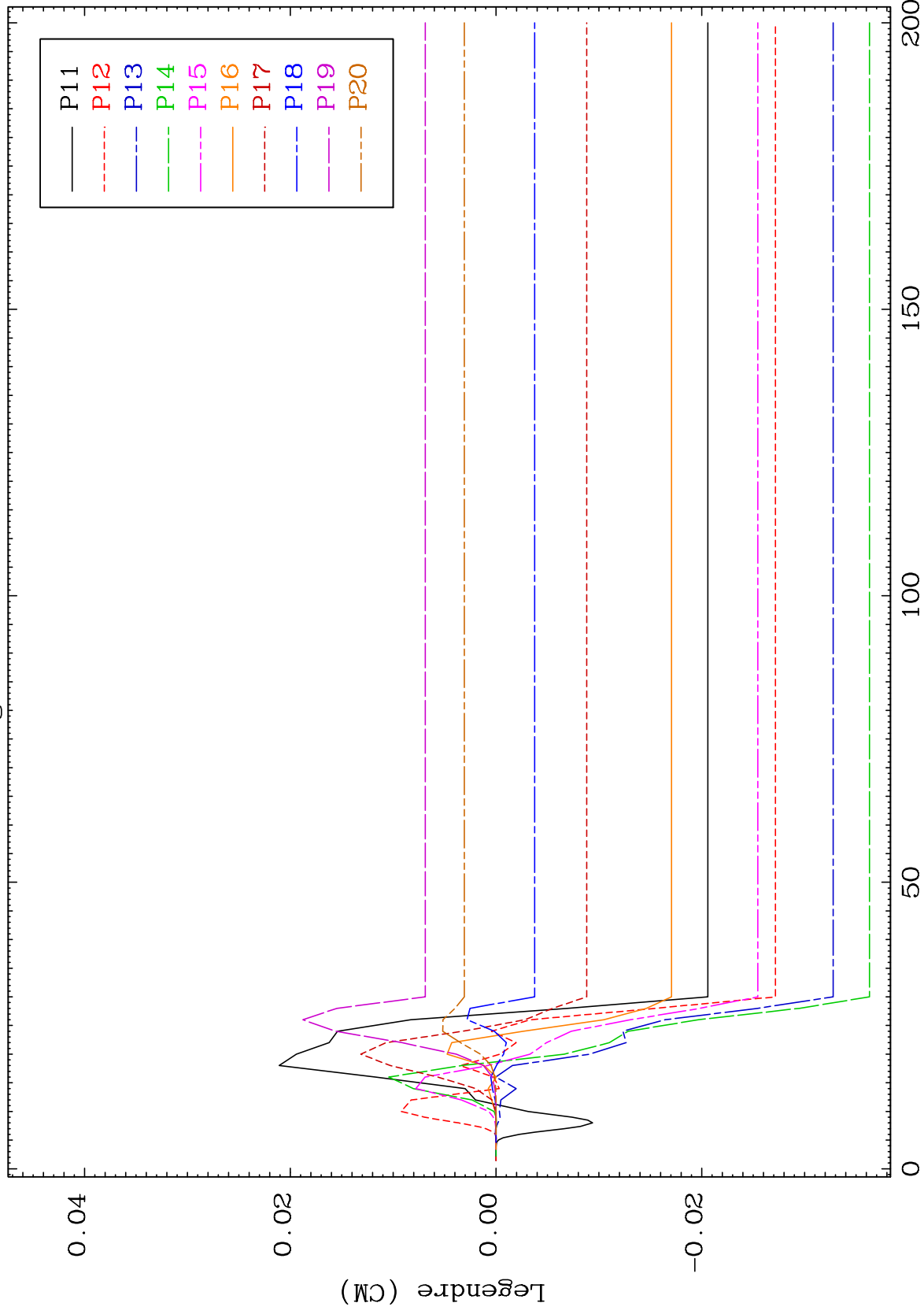
80-Hg-204



MAT 8049

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

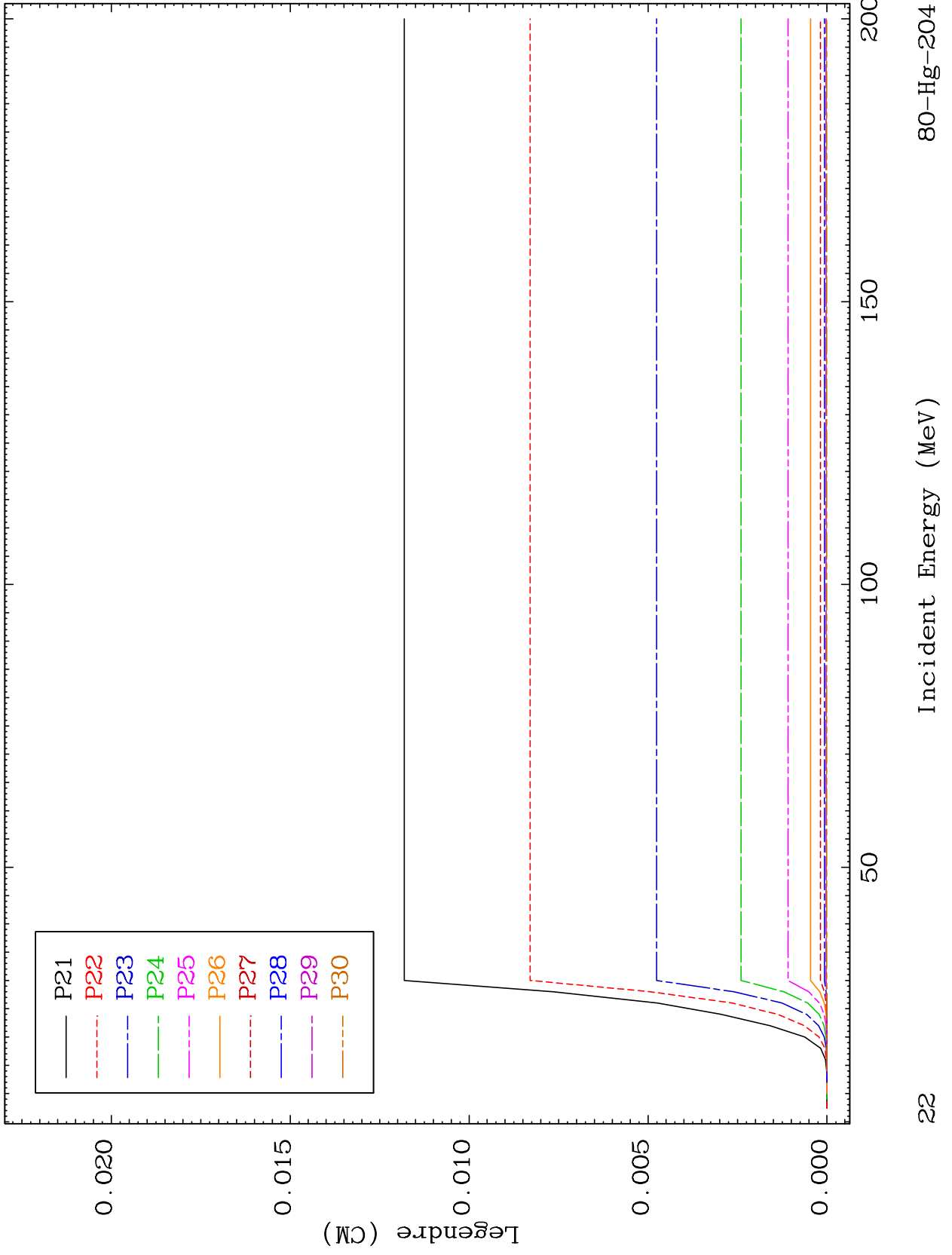
80-Hg-204



21

Incident Energy (MeV)

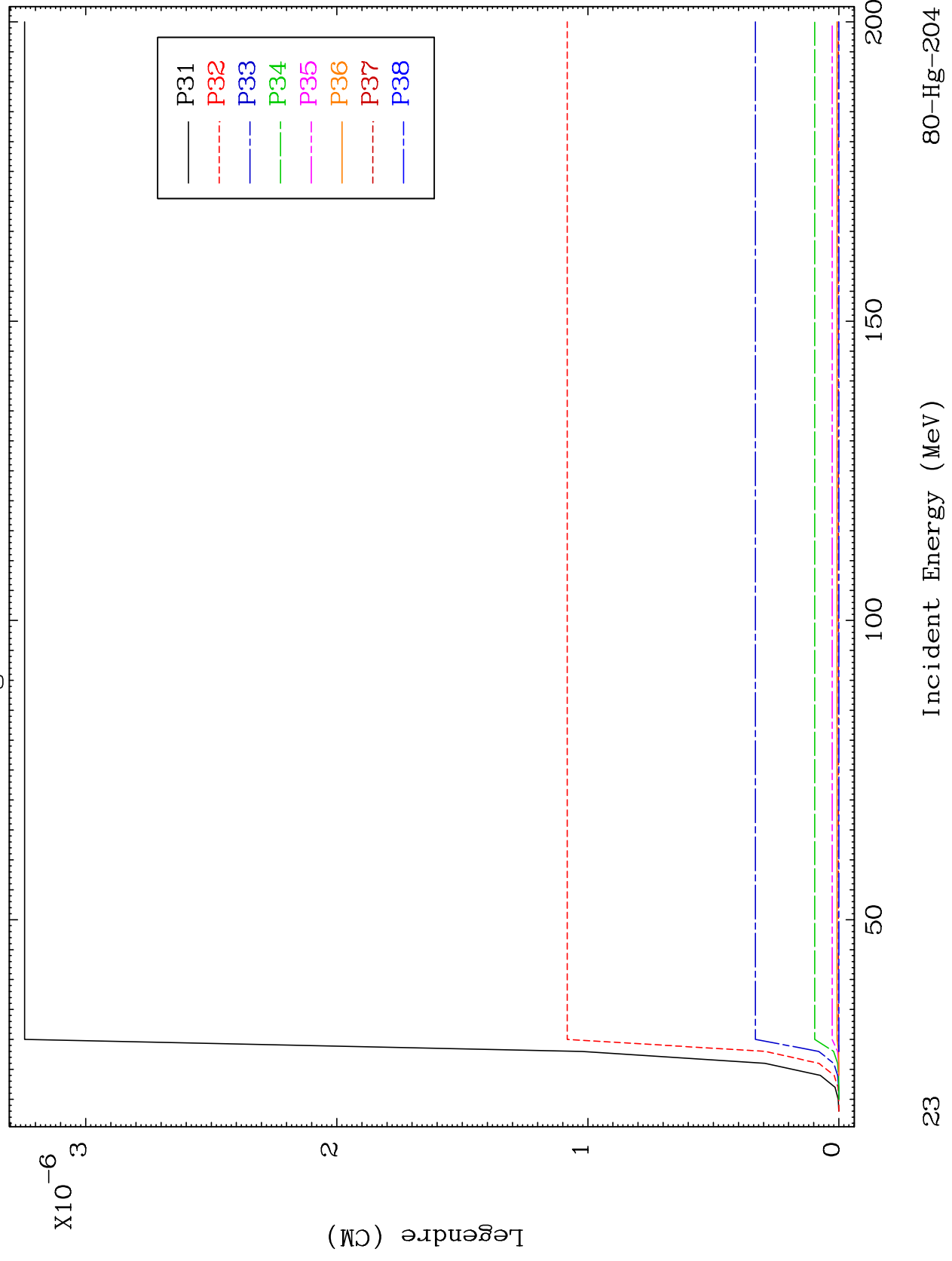
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MAT 8049

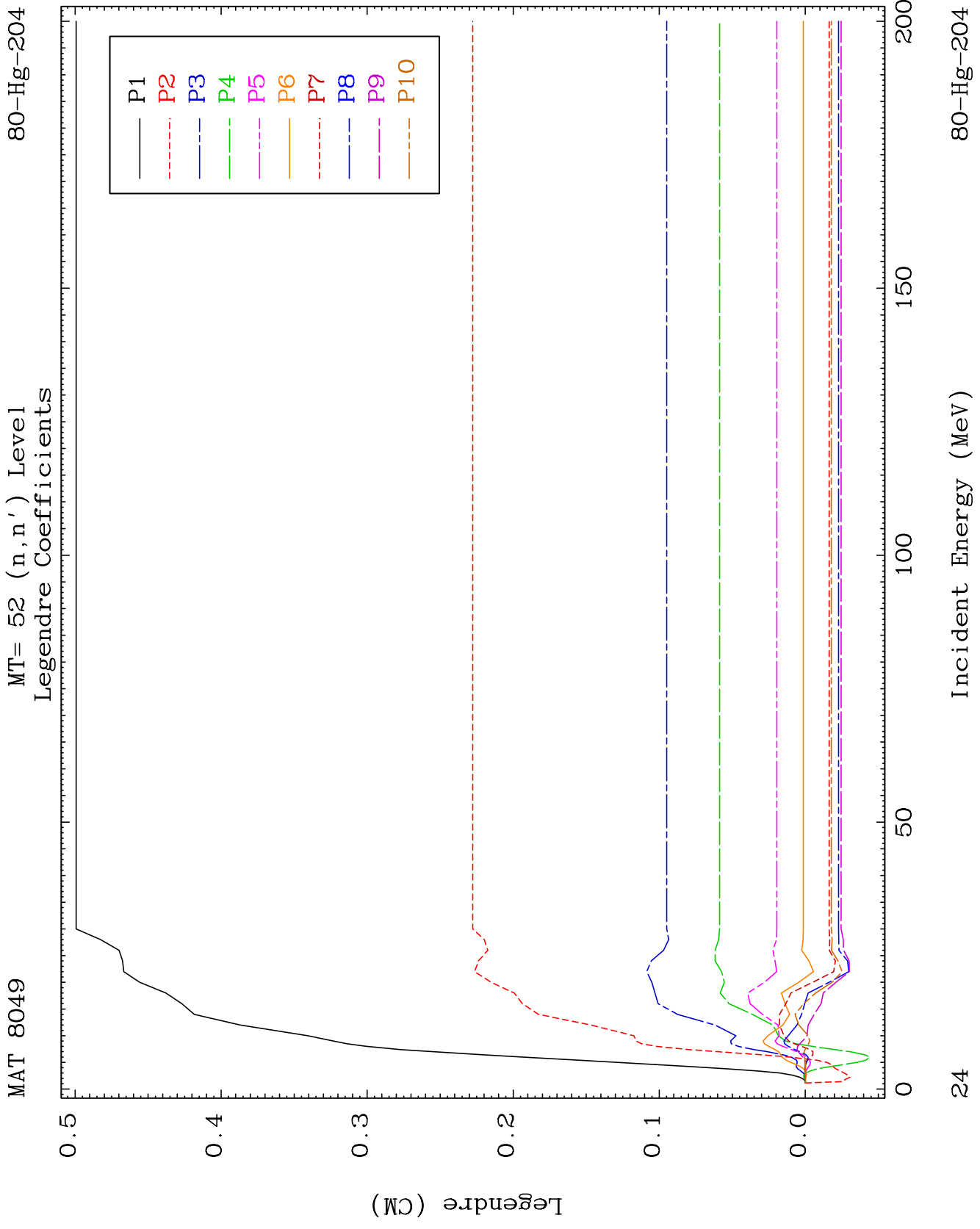
MT= 51 (n,n') Level
Legendre Coefficients

80-Hg-204



23

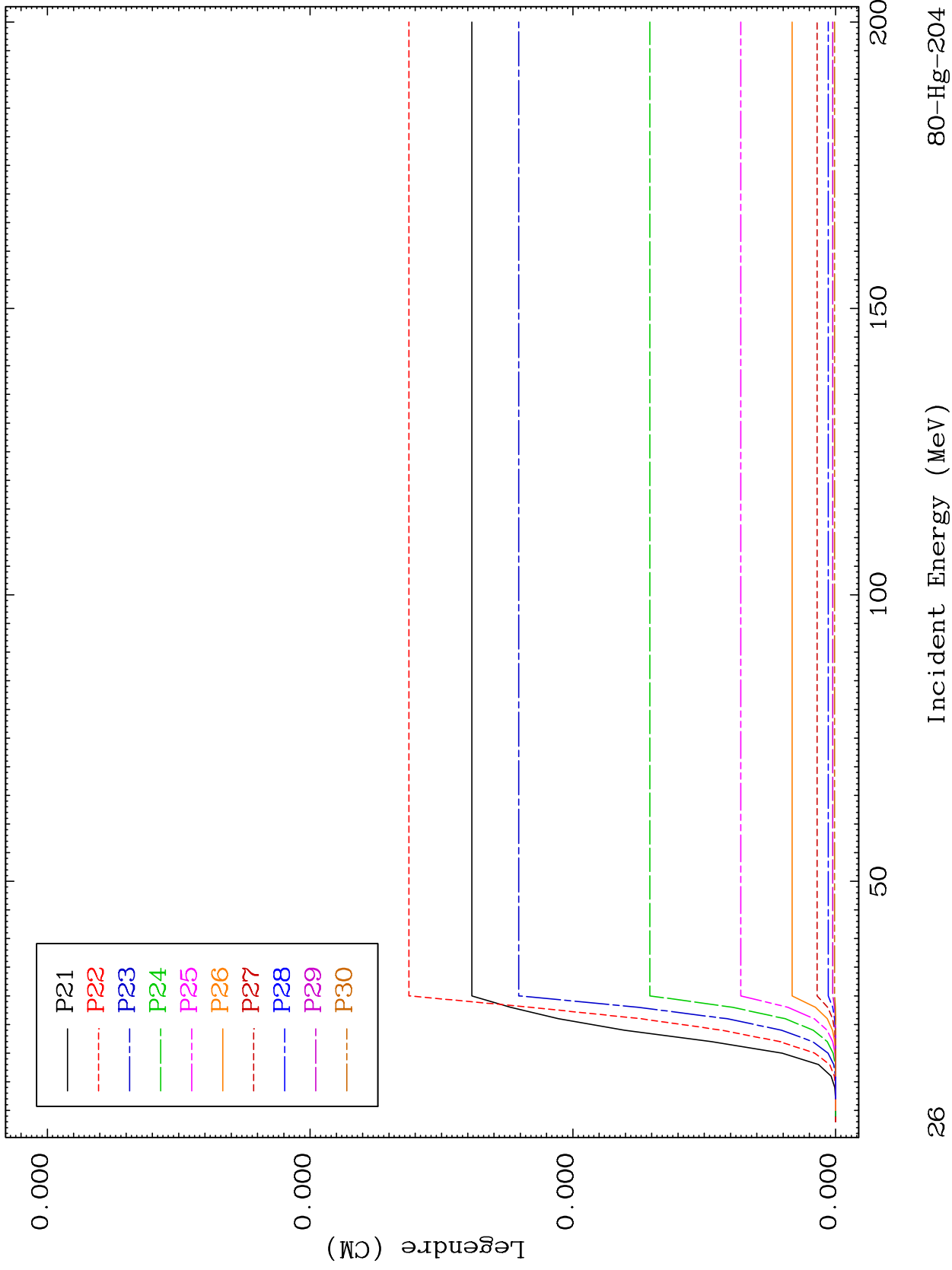
80-Hg-204



MAT 8049

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

80-Hg-204



26

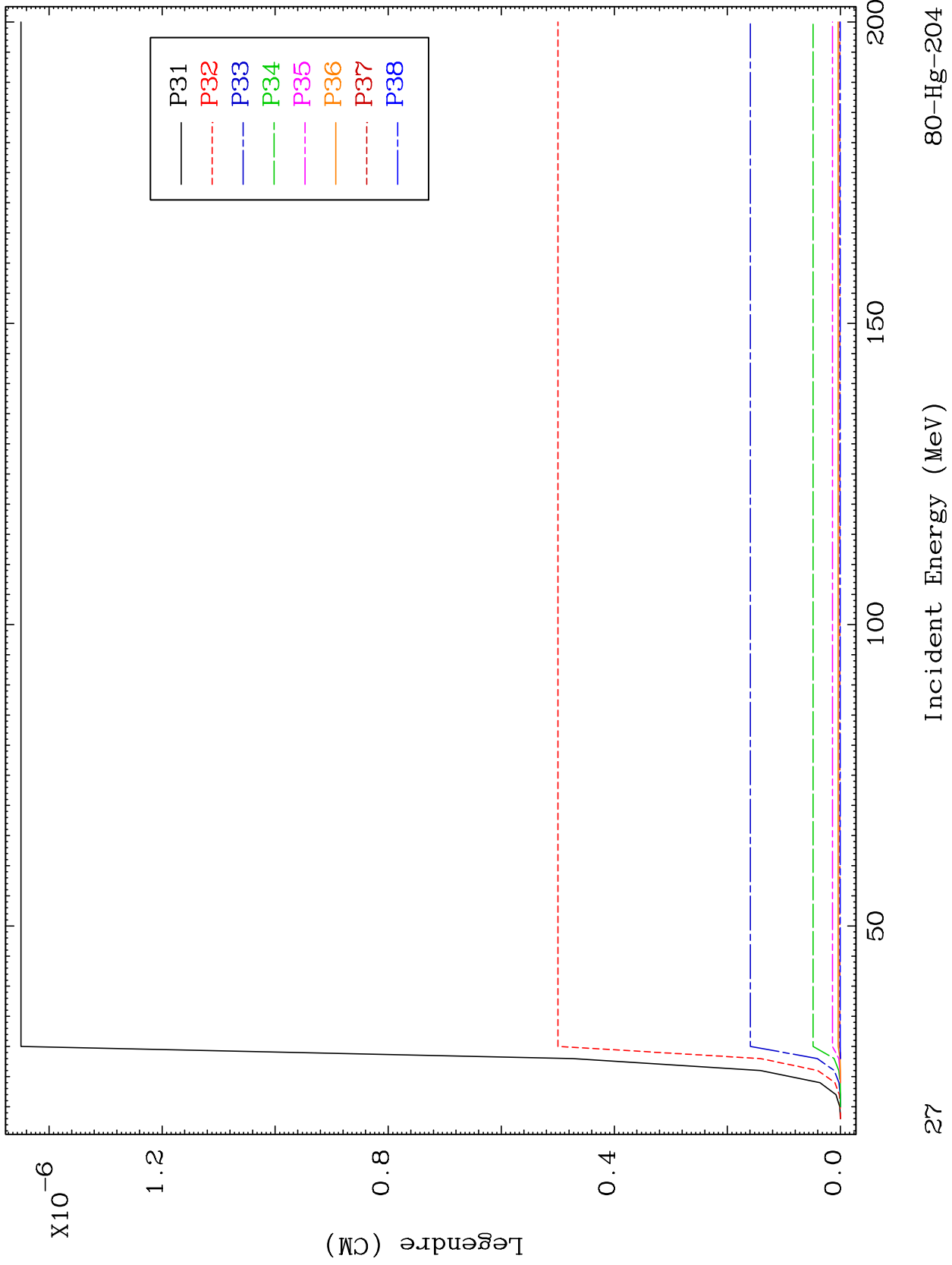
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

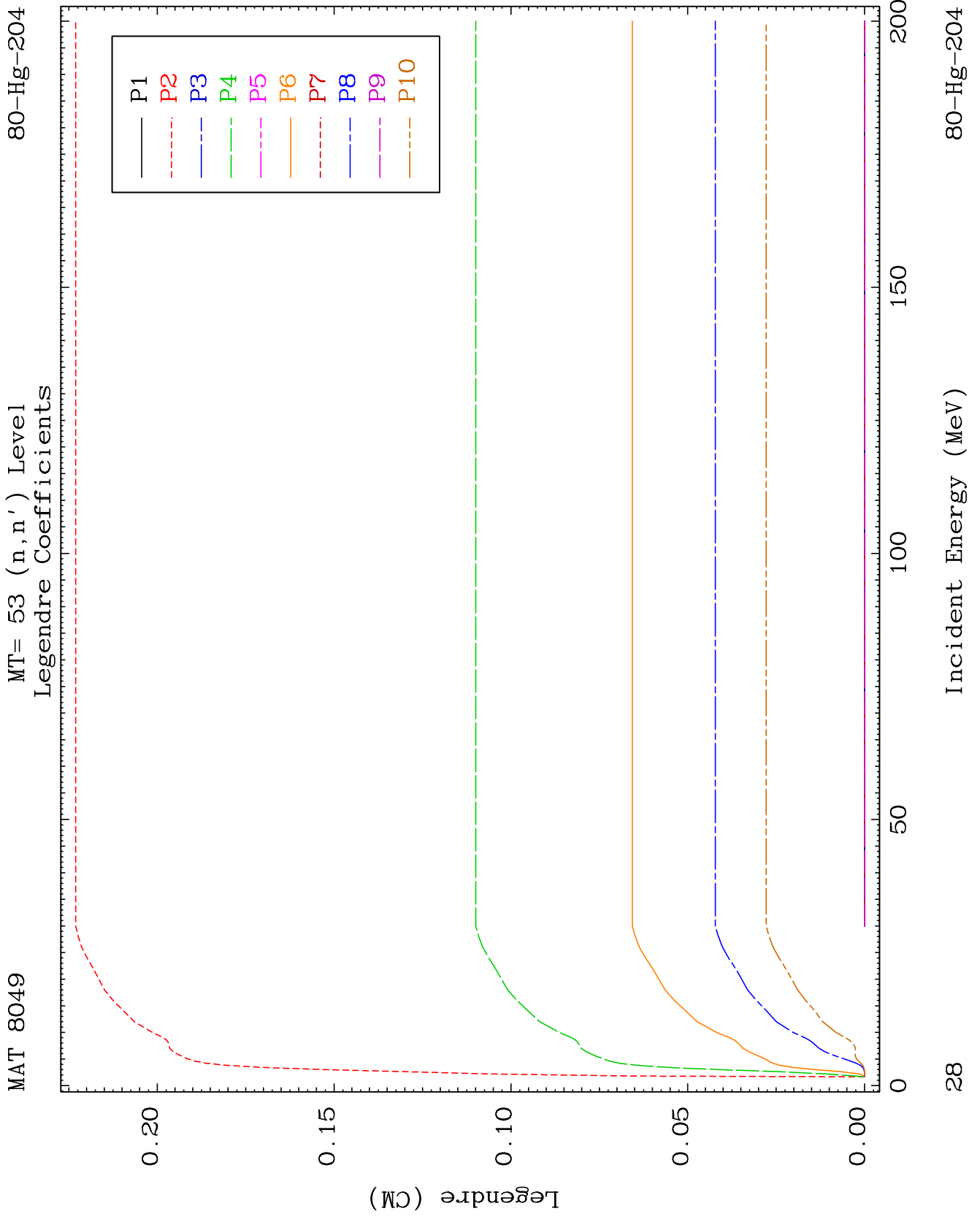
80-Hg-204



27

Incident Energy (MeV)

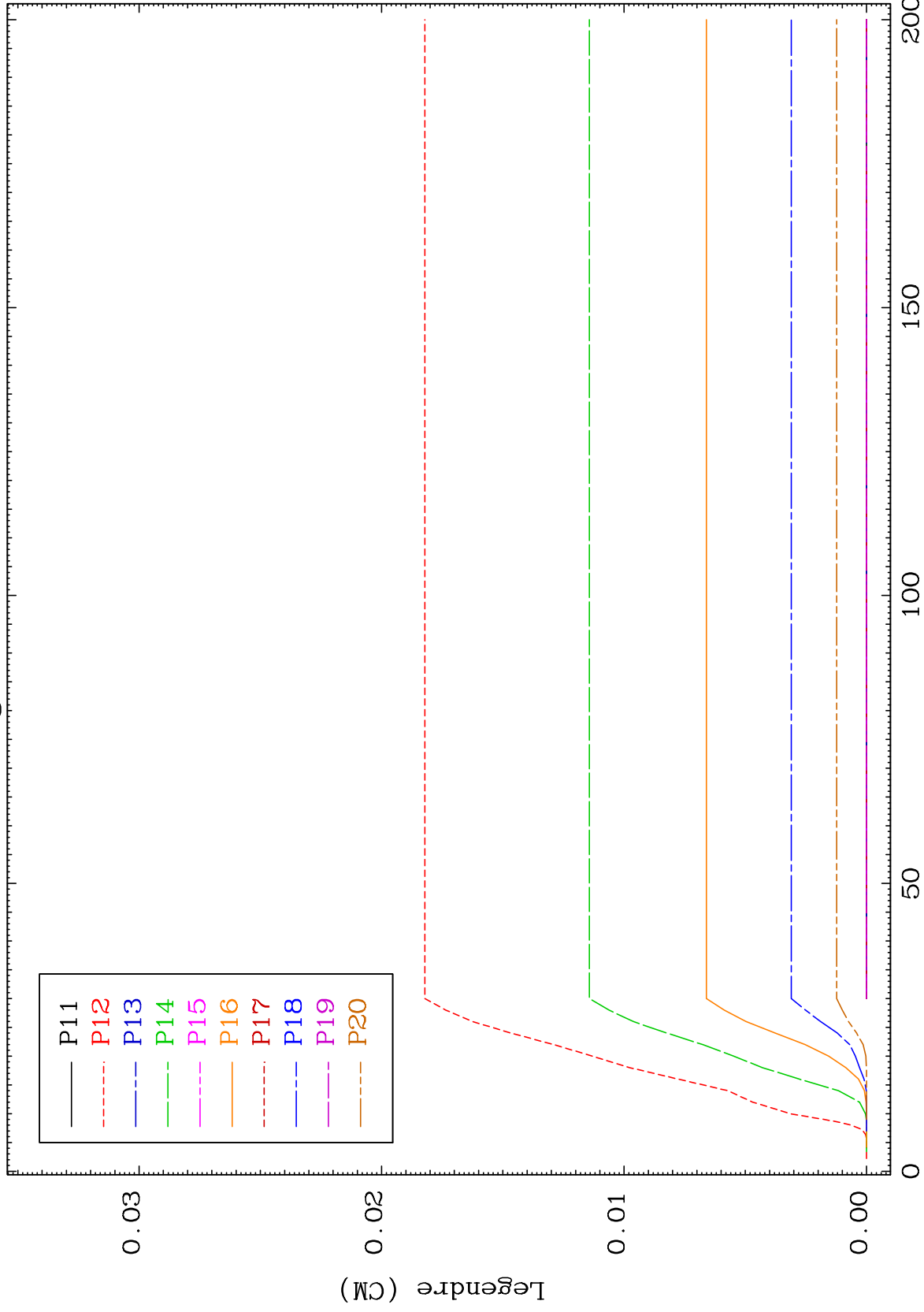
80-Hg-204



MAT 8049

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

80-Hg-204



29

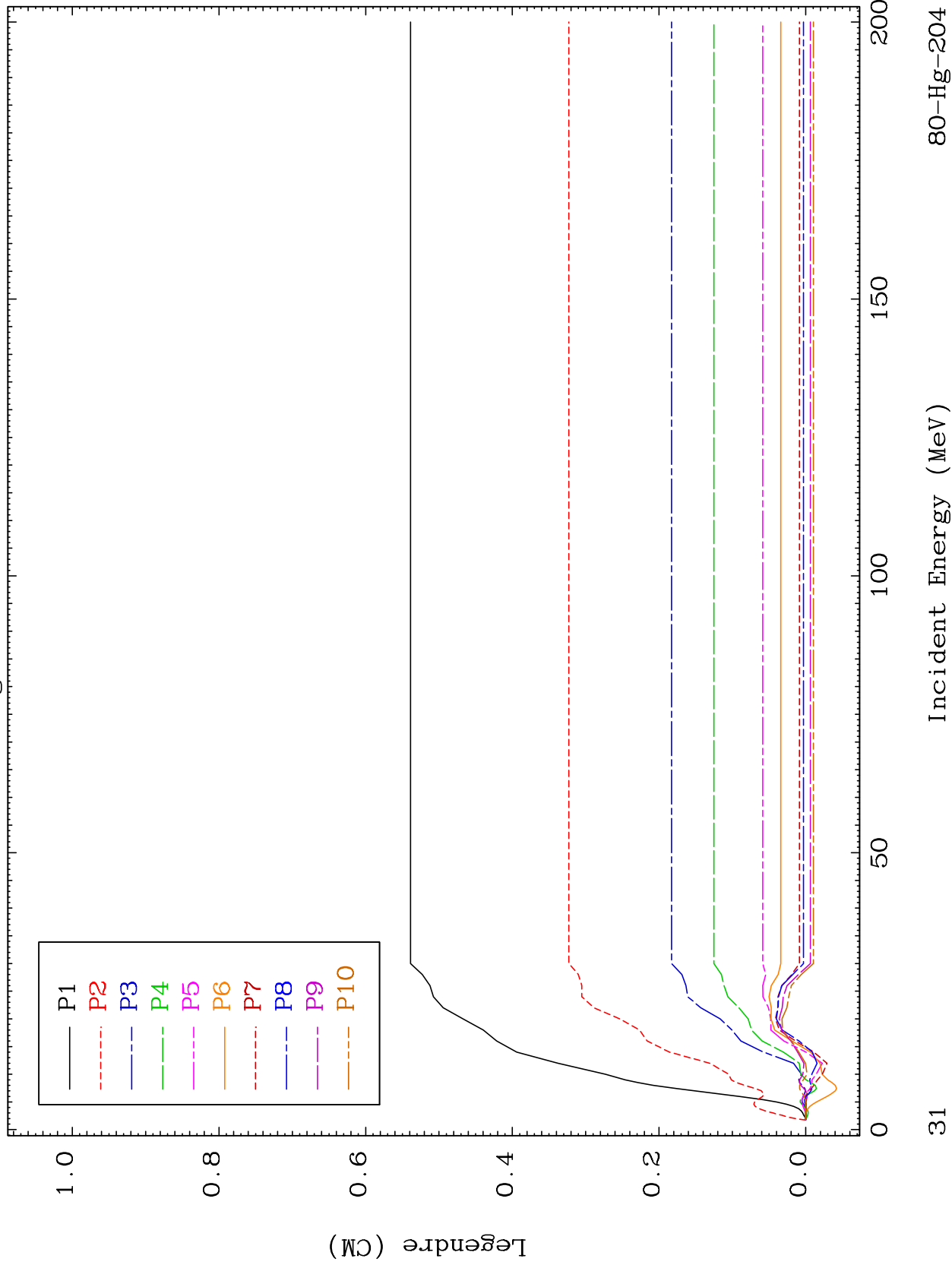
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



31

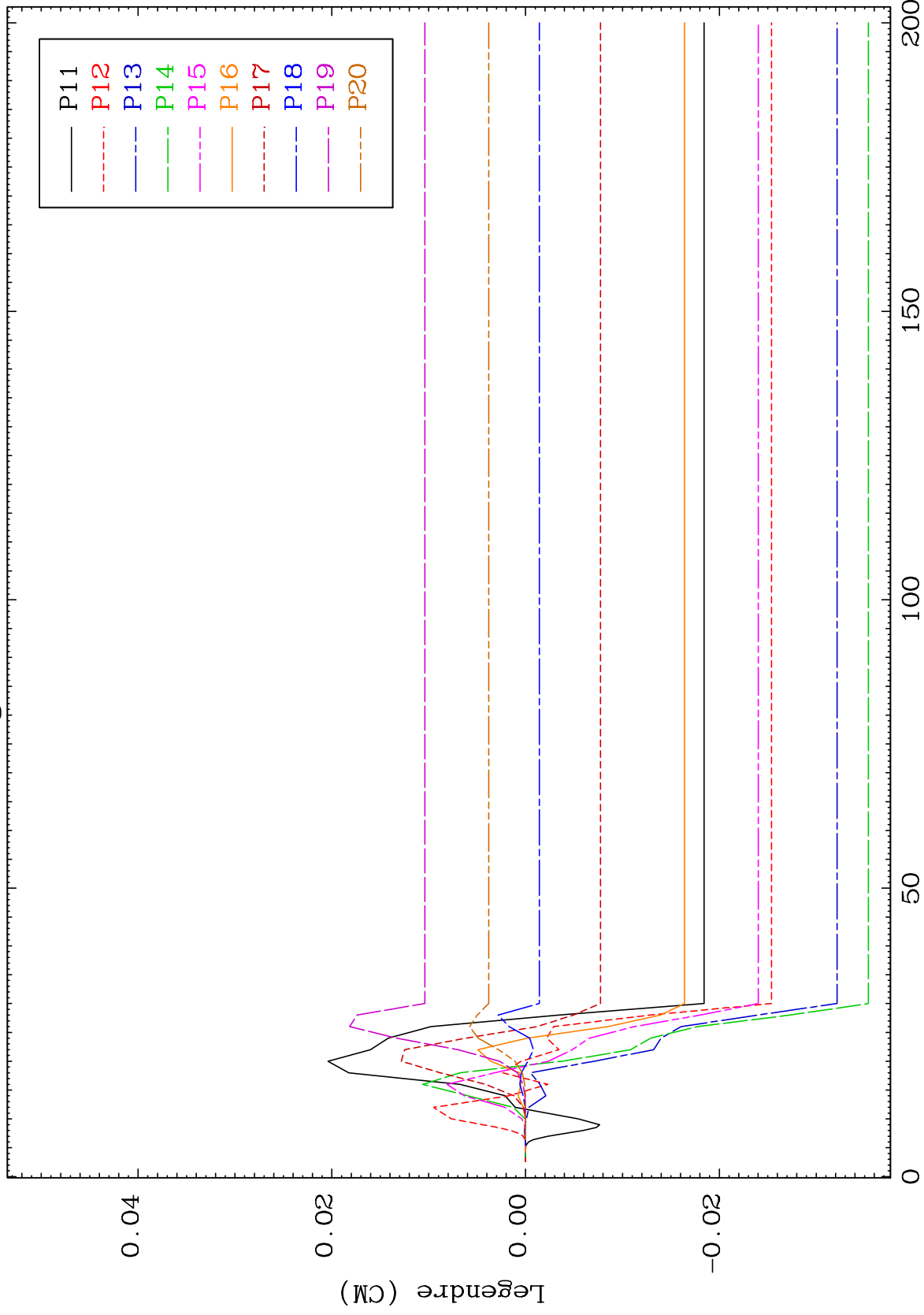
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

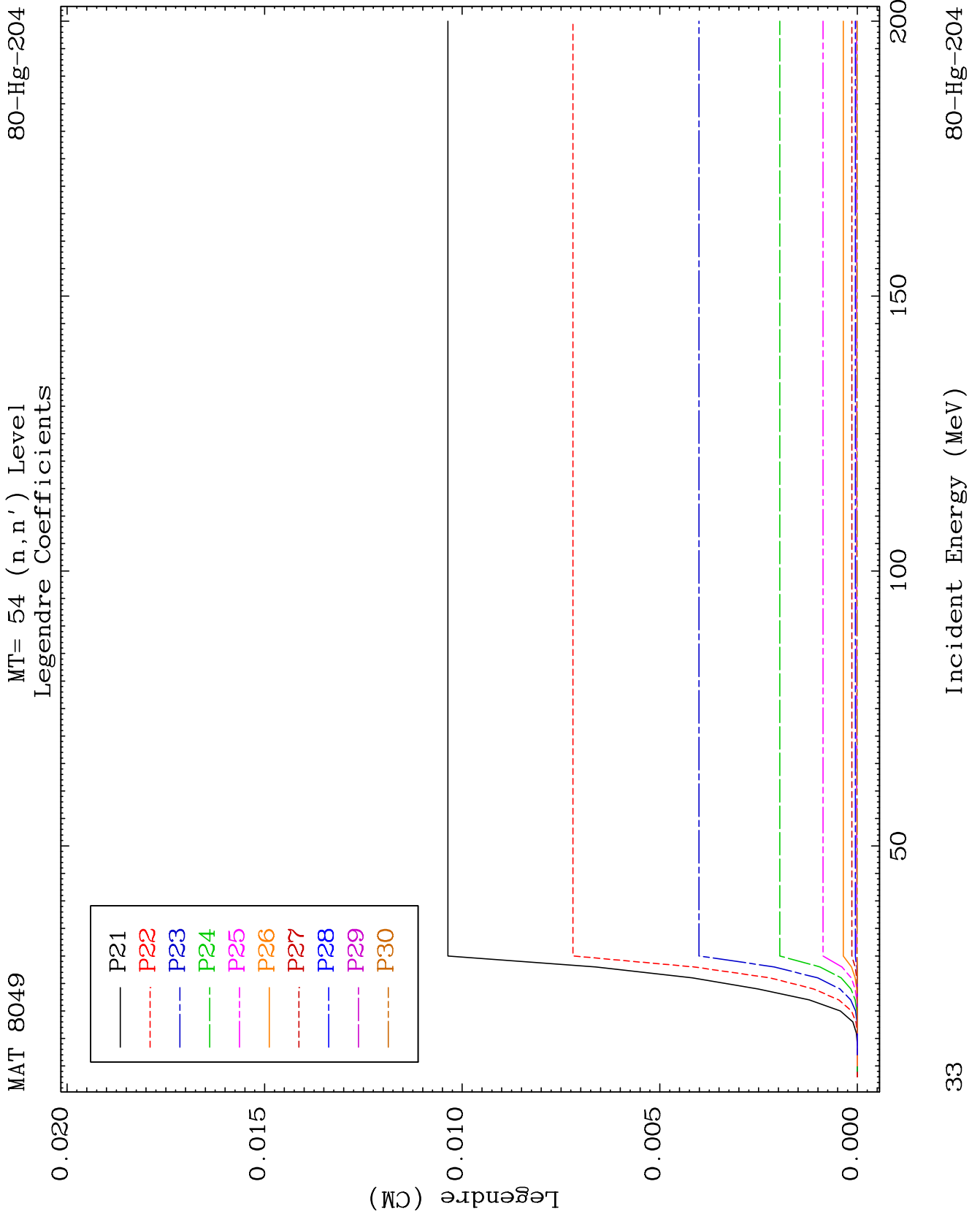
80-Hg-204



32

Incident Energy (MeV)

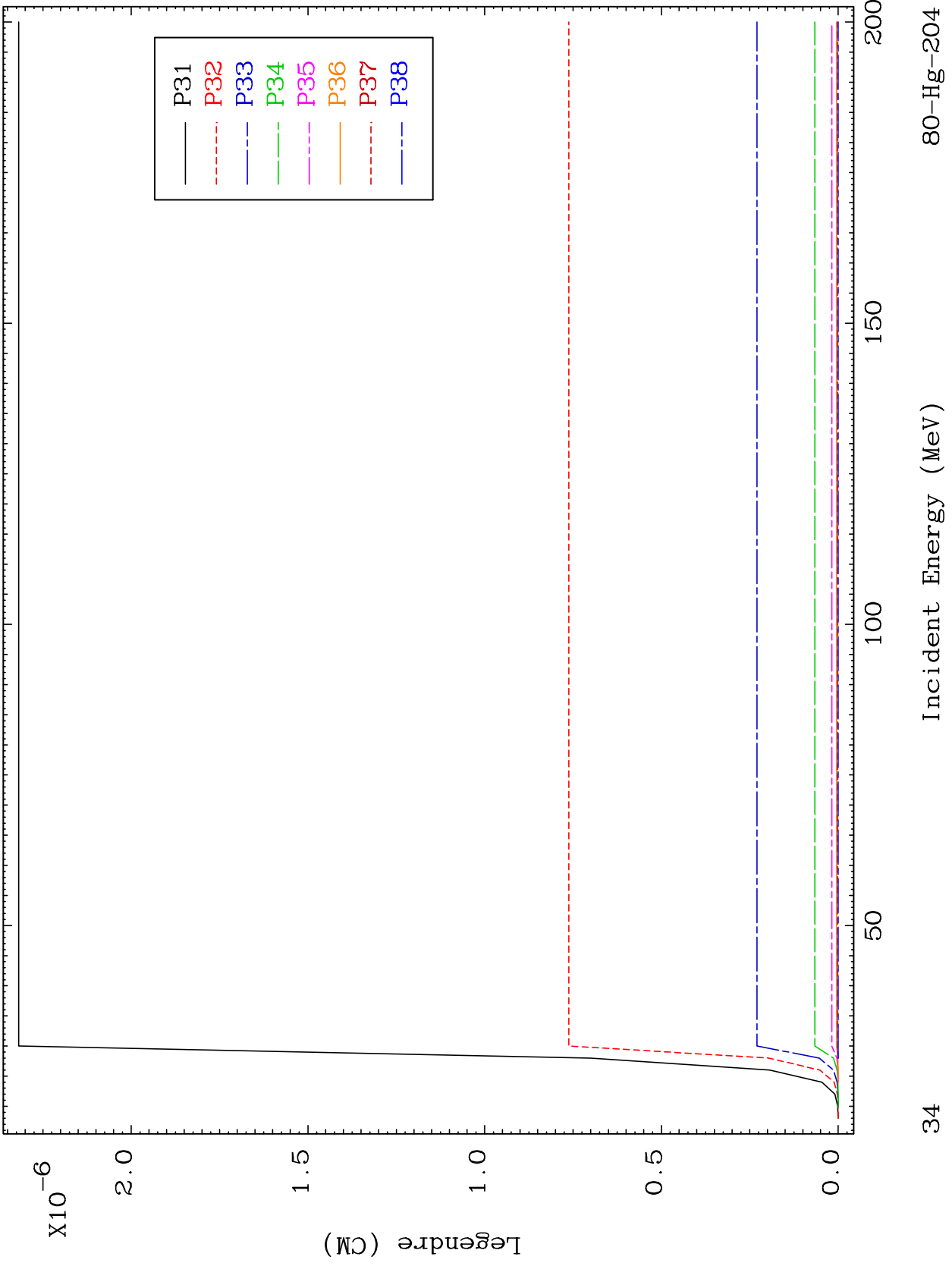
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MAT 8049

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

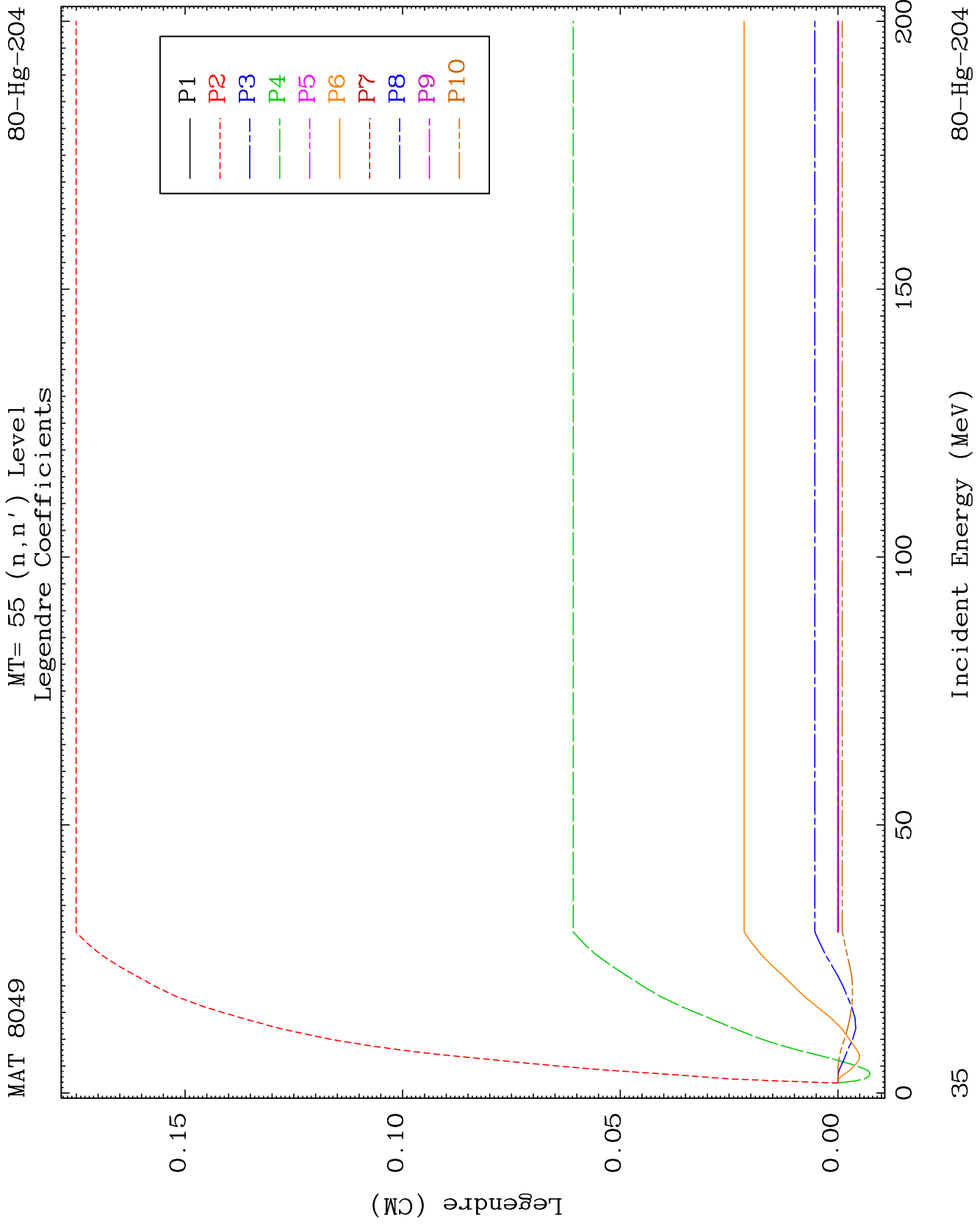
80-Hg-204



34

Incident Energy (MeV)

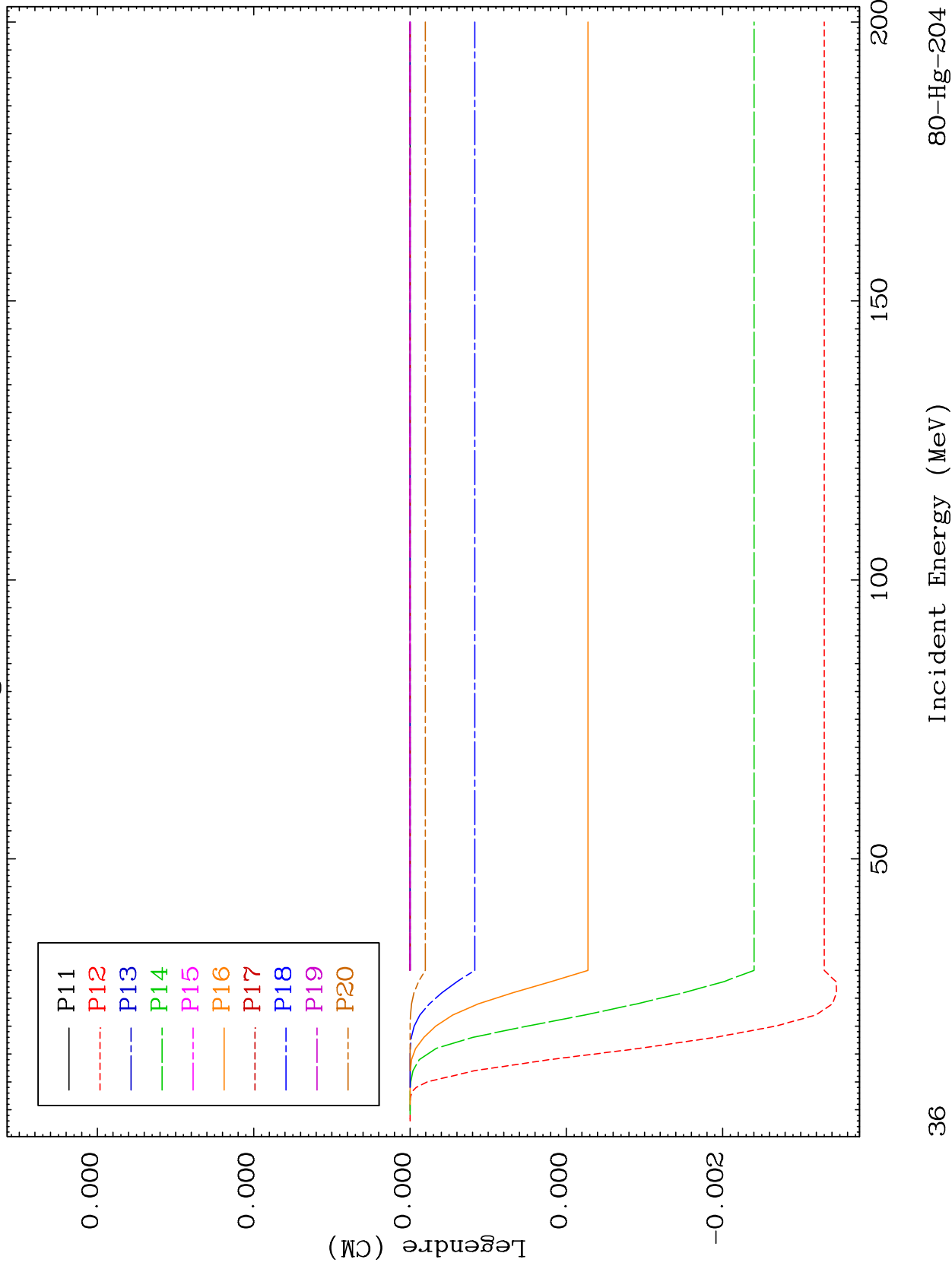
80-Hg-204



MAT 8049

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

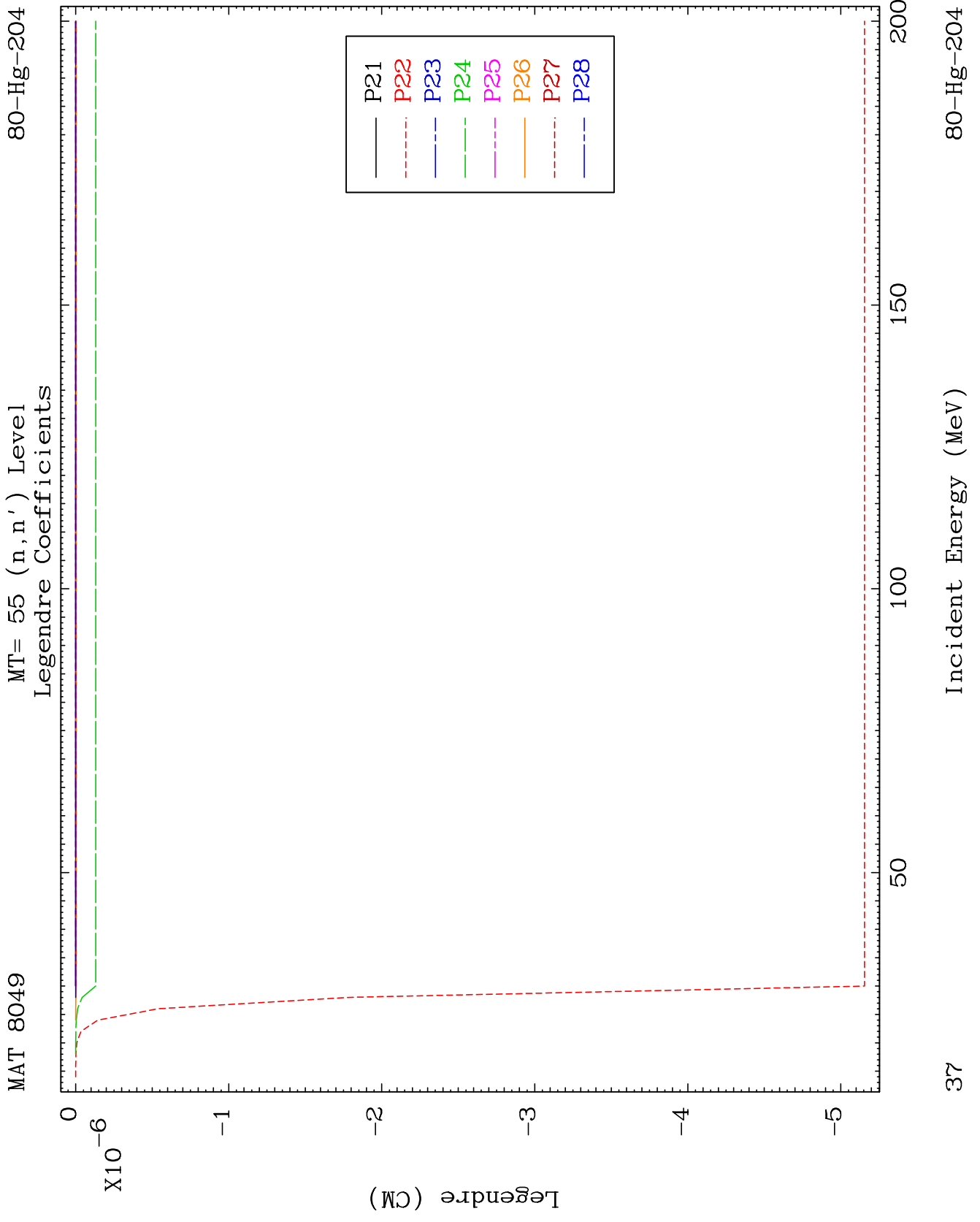
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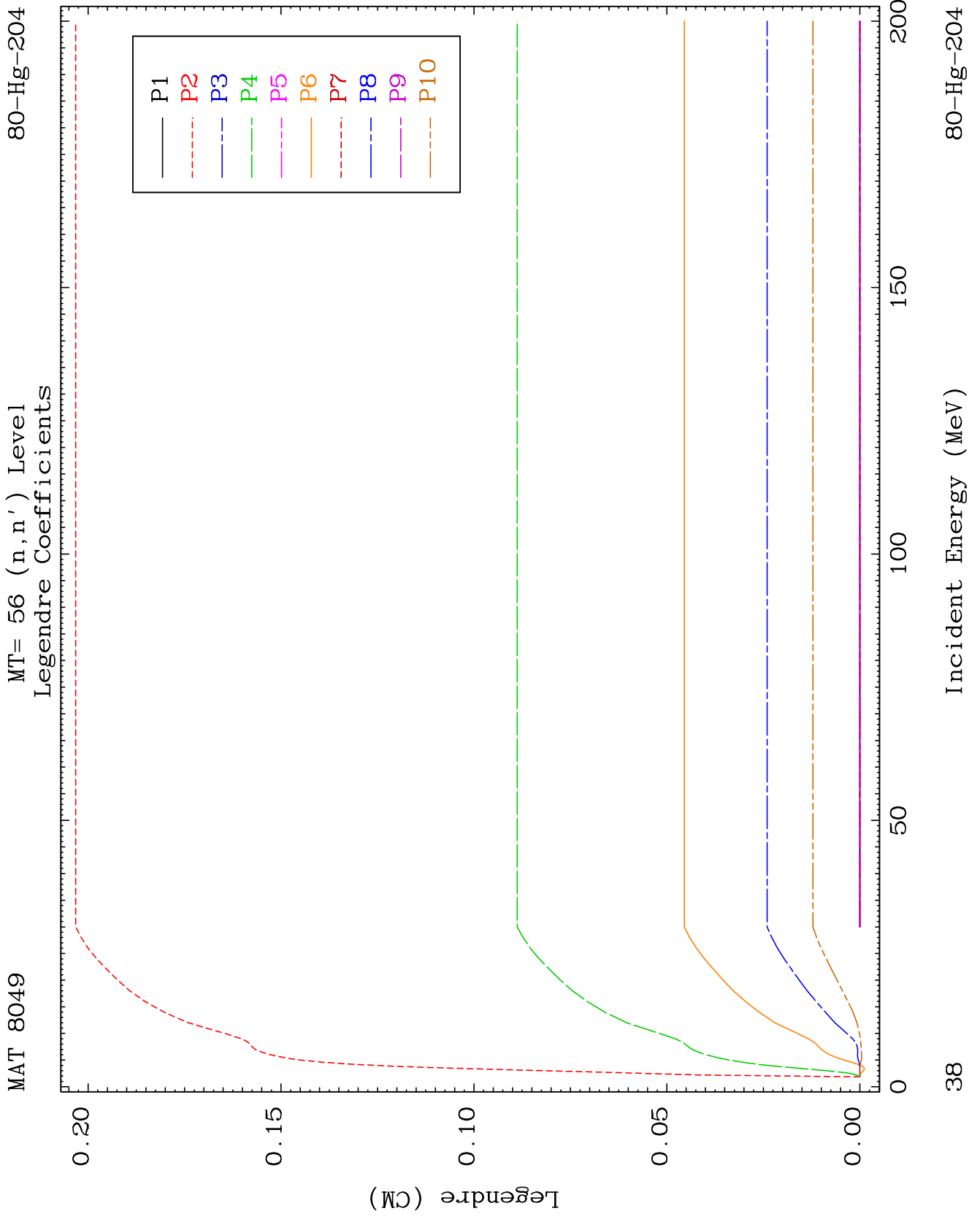


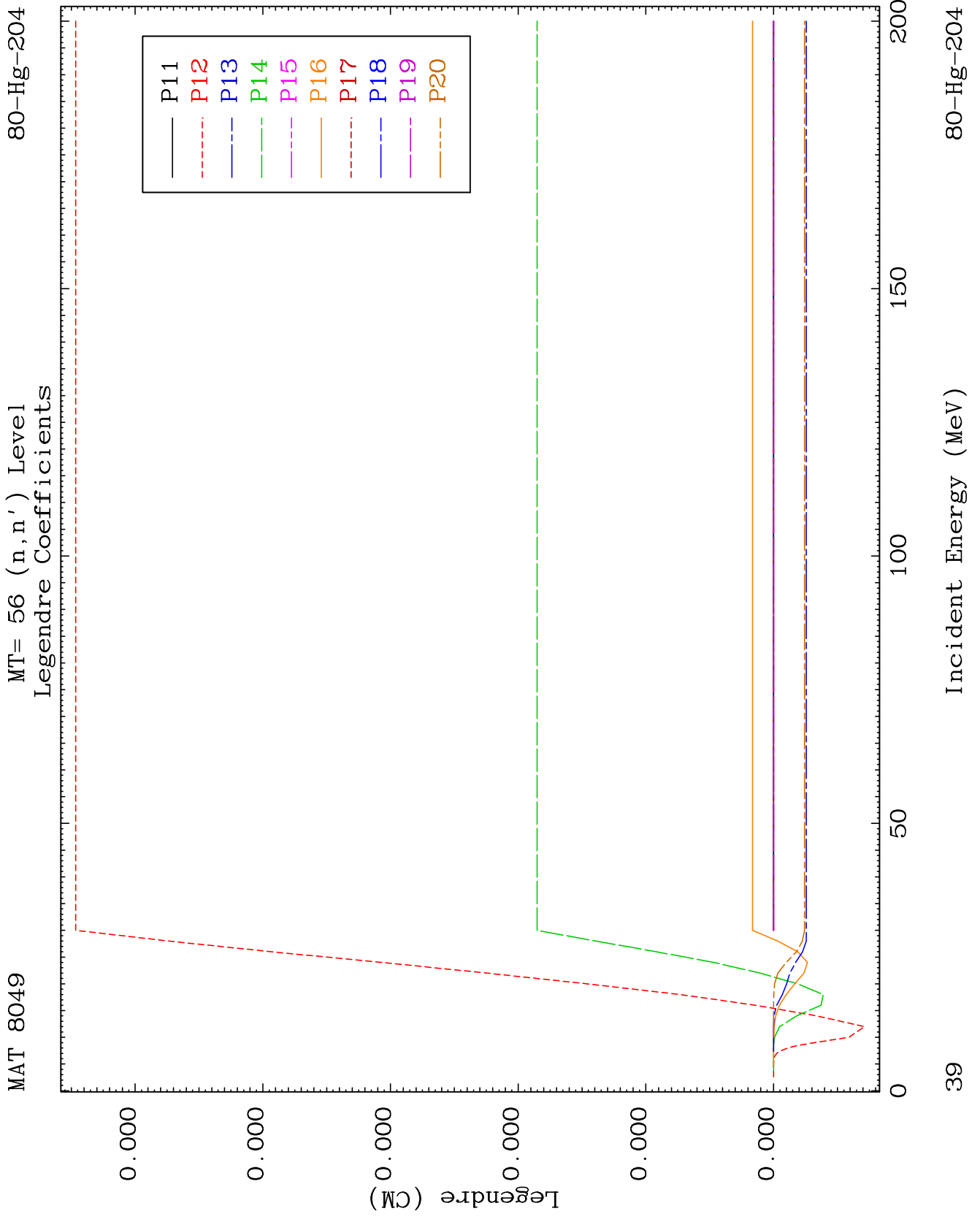
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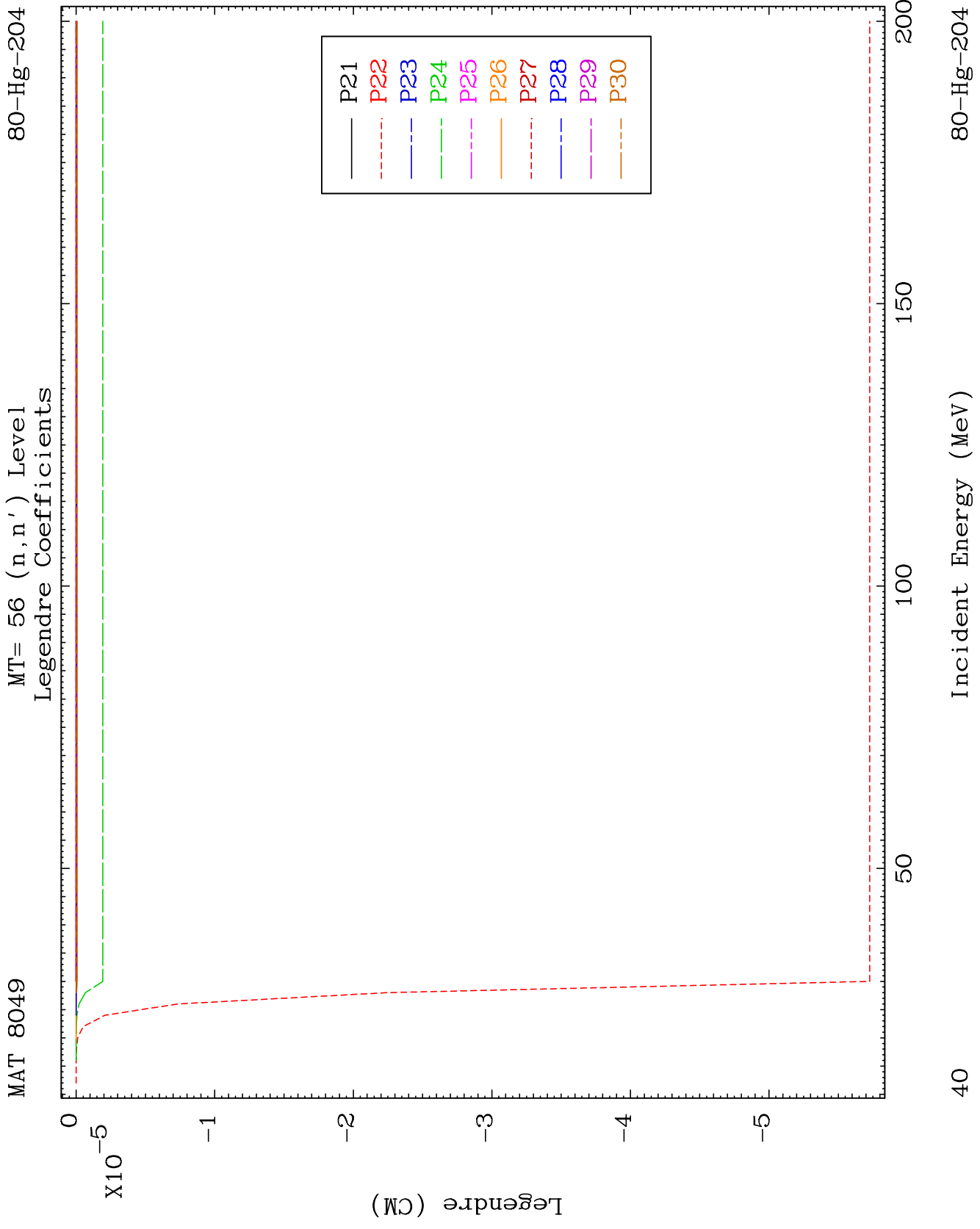
Incident Energy (MeV)

80-Hg-204





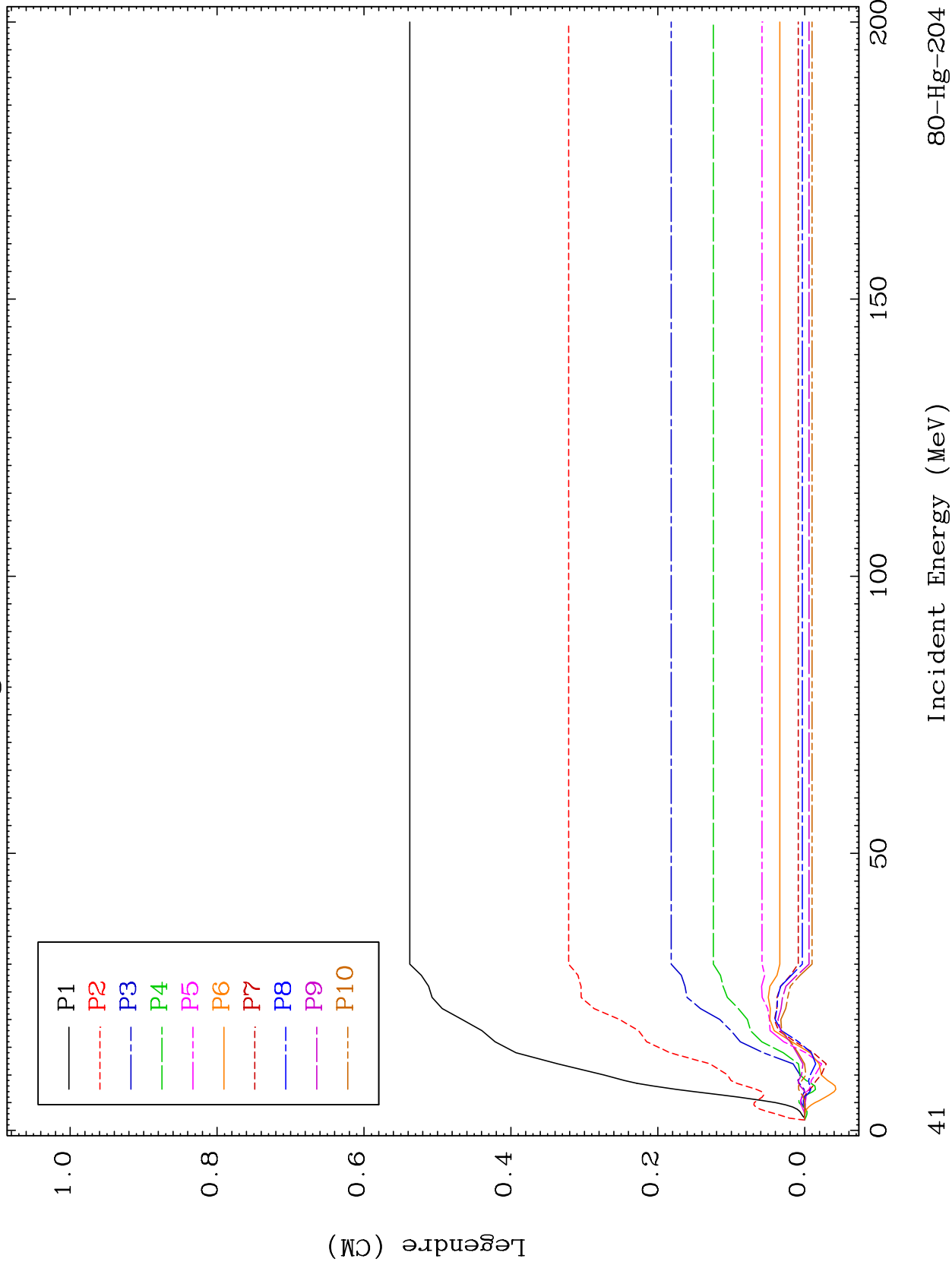




MAT 8049

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

80-Hg-204



41

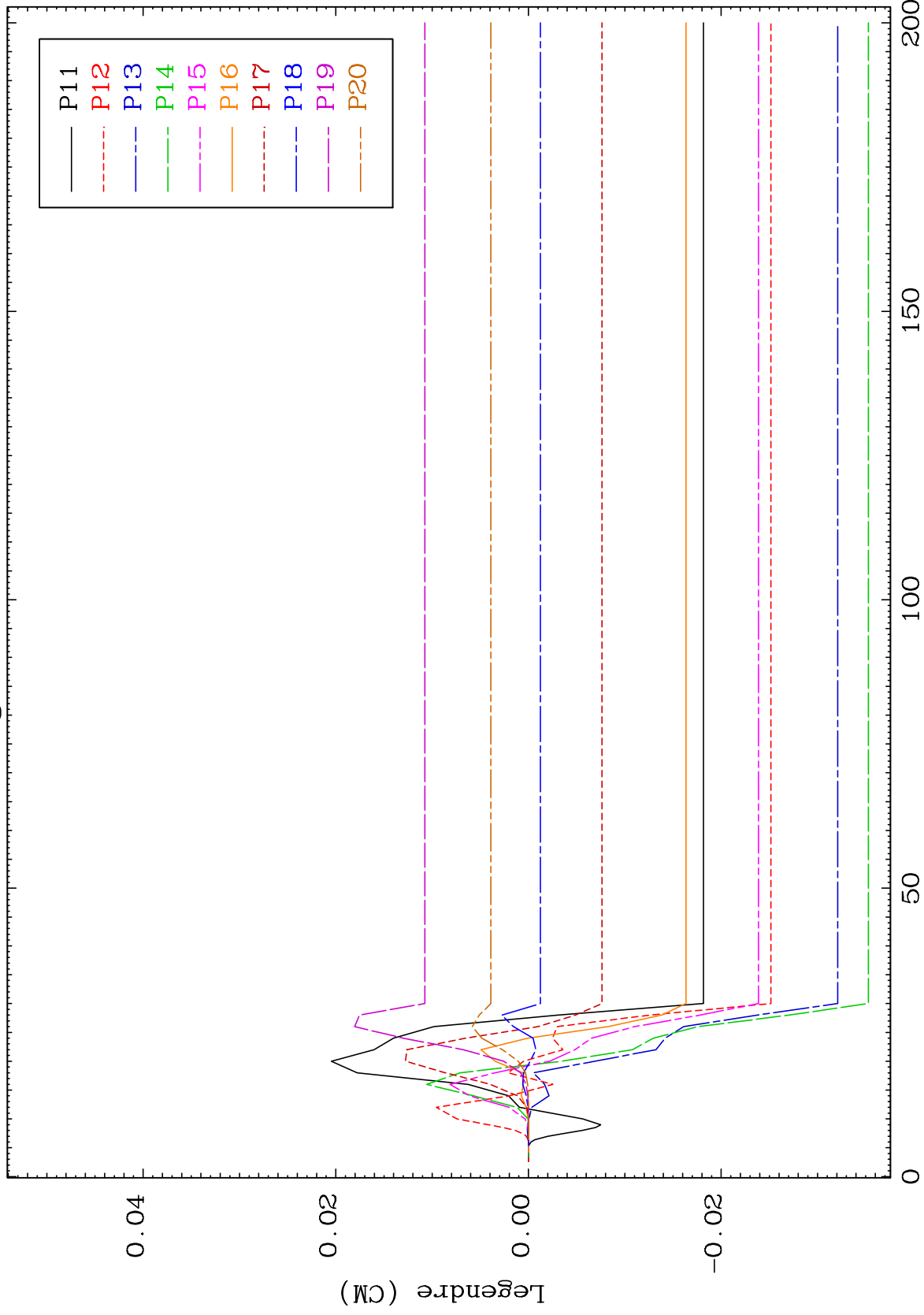
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



42

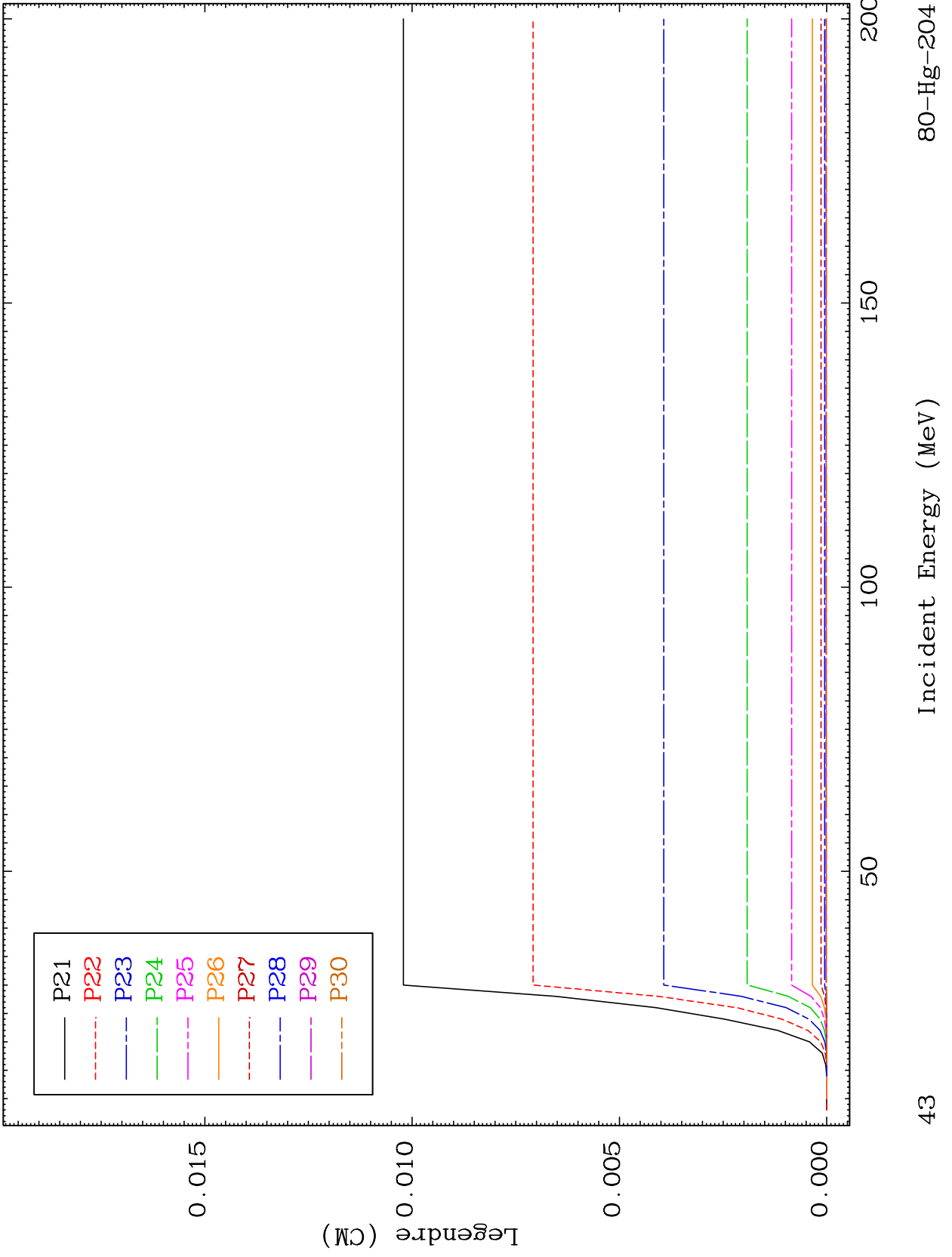
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



43

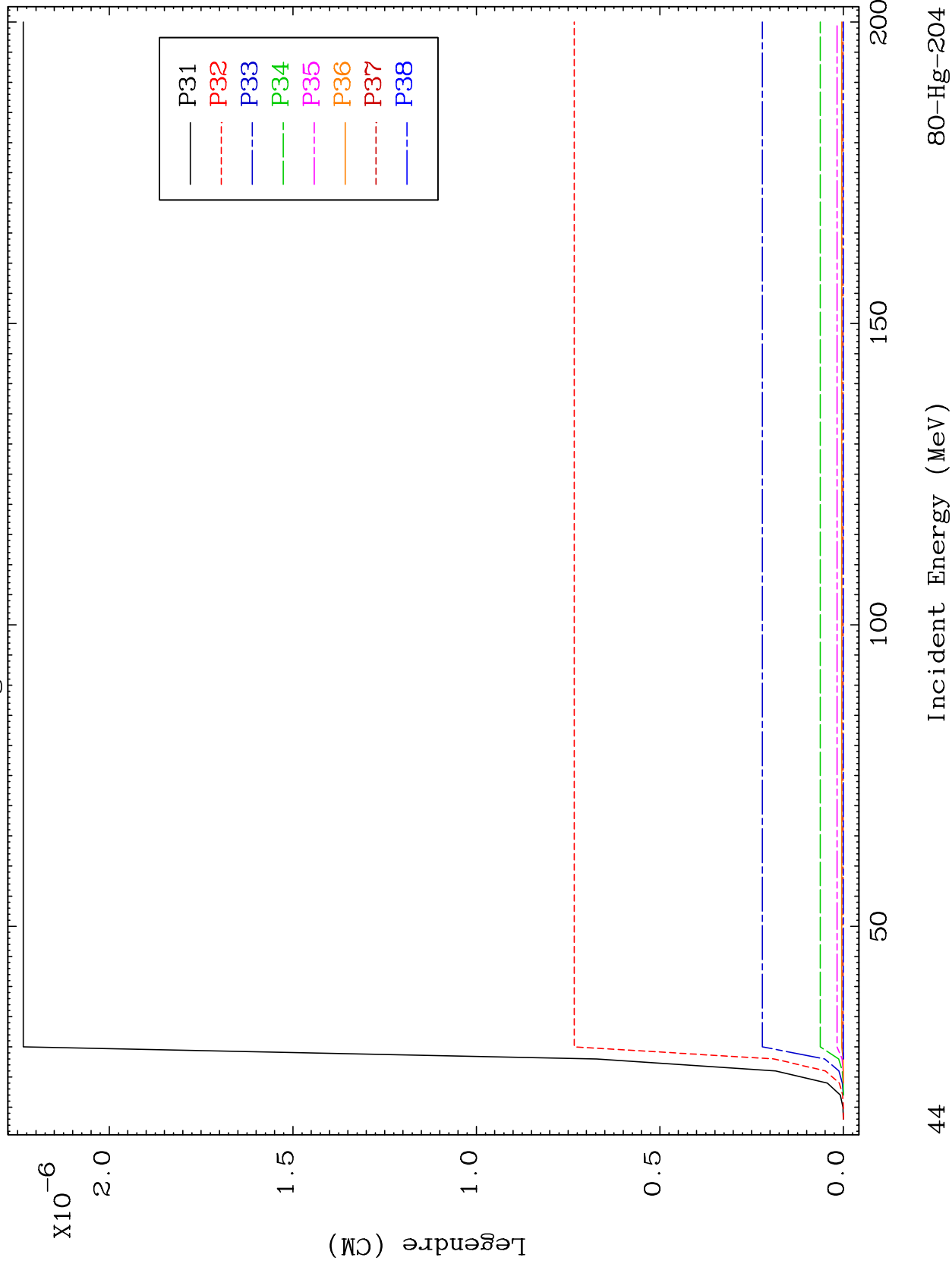
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



44

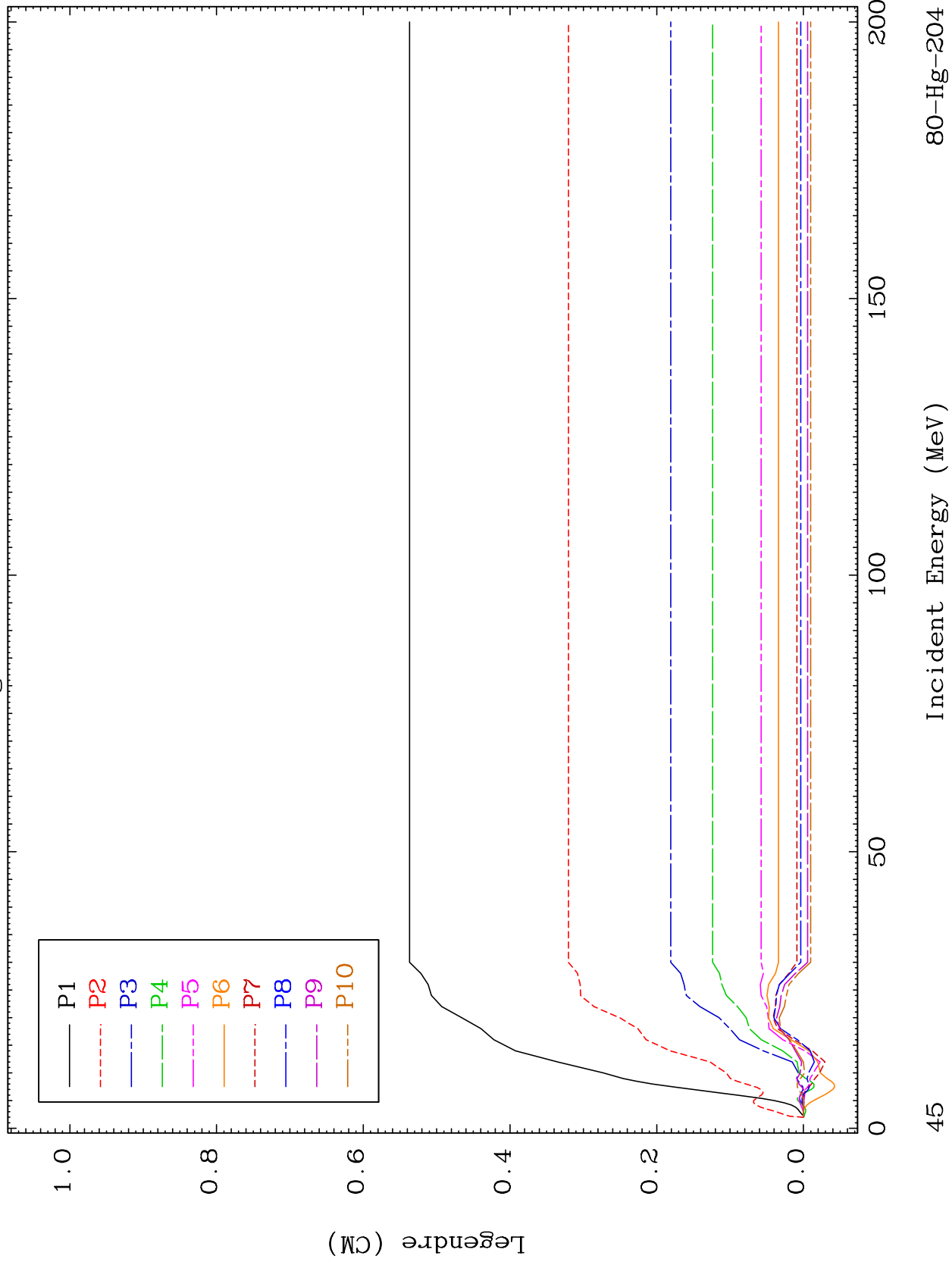
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

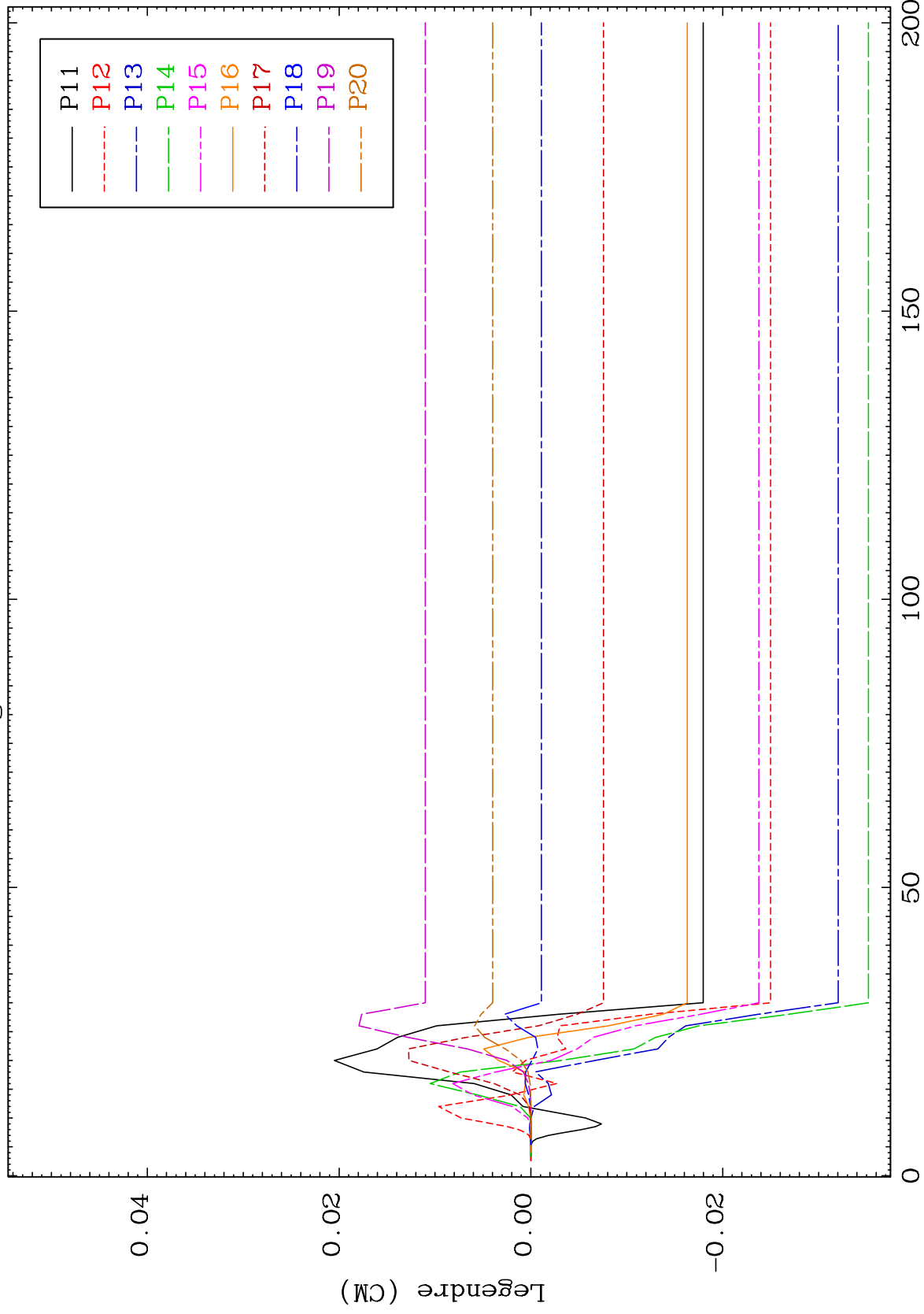
80-Hg-204



MAT 8049

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

80-Hg-204



46

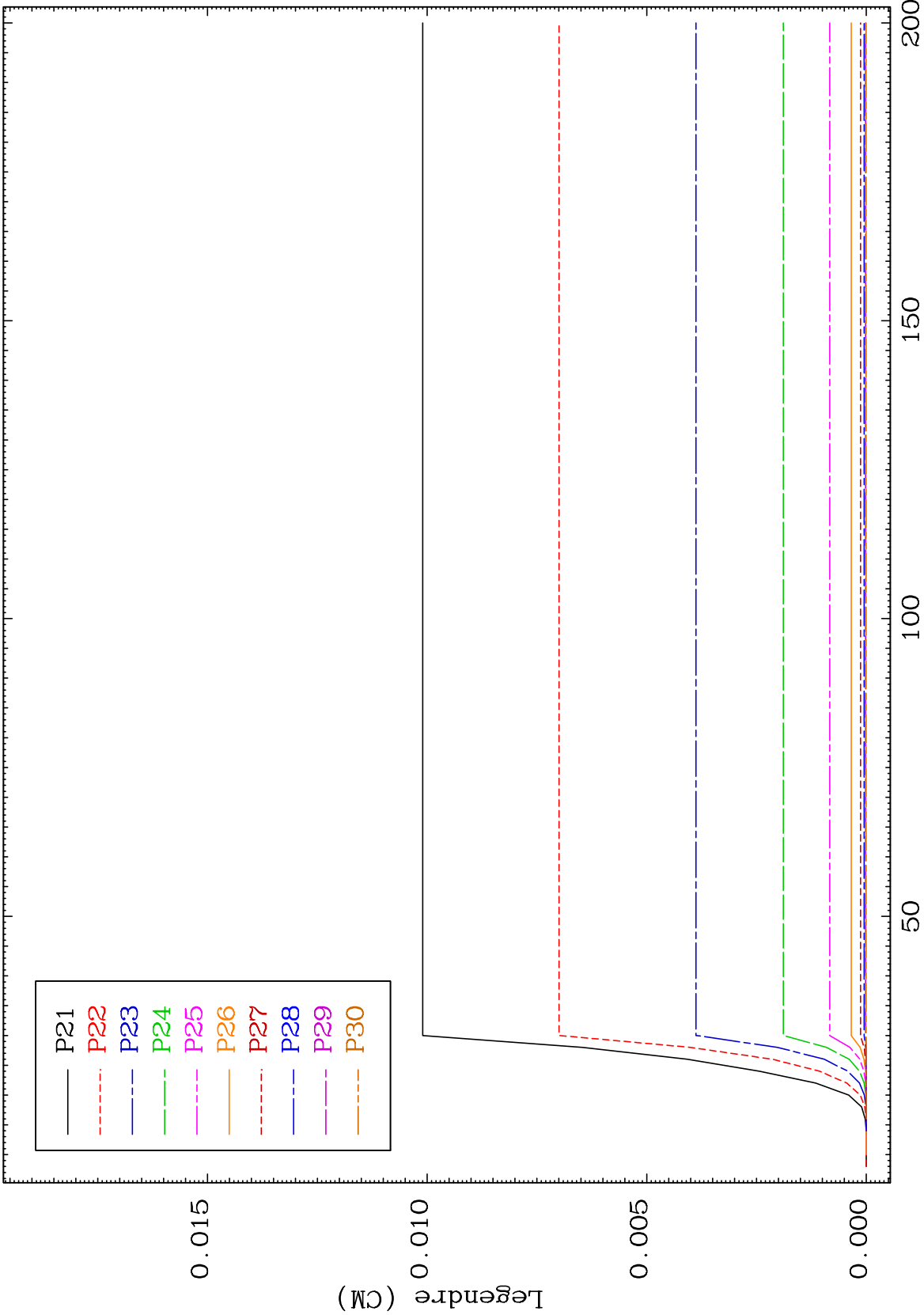
Incident Energy (MeV)

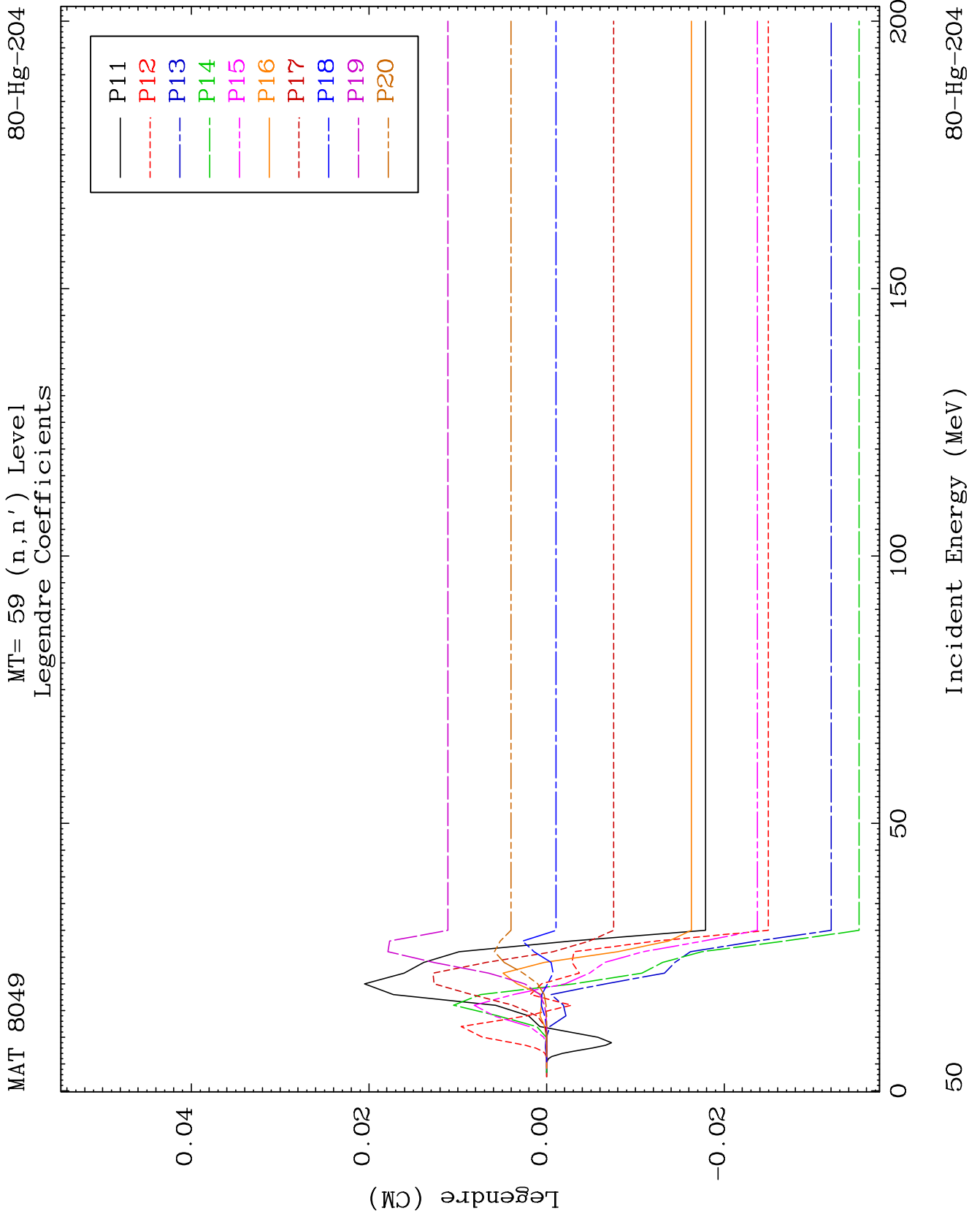
80-Hg-204

MAT 8049

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

80-Hg-204

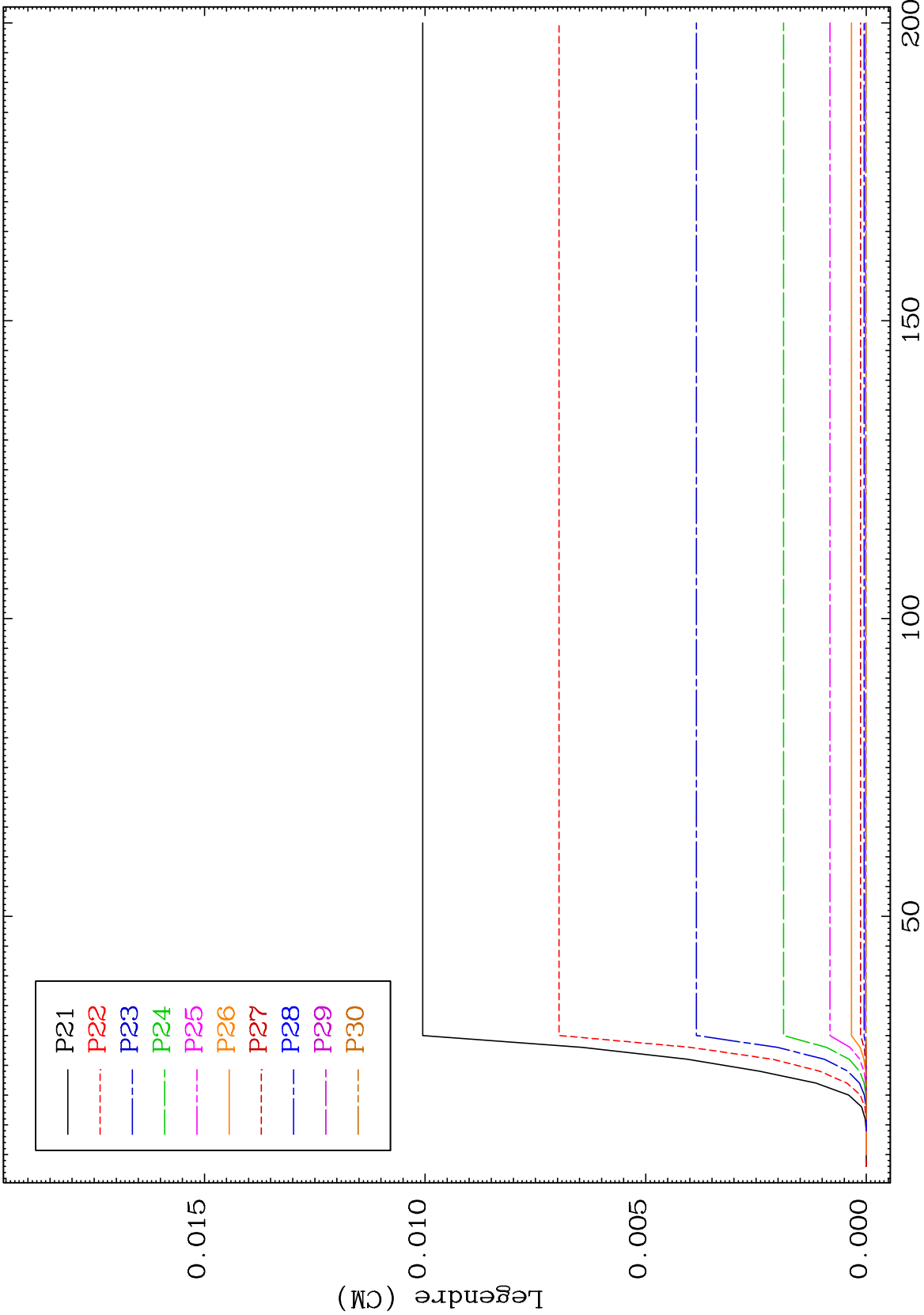




MAT 8049

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

80-Hg-204



51

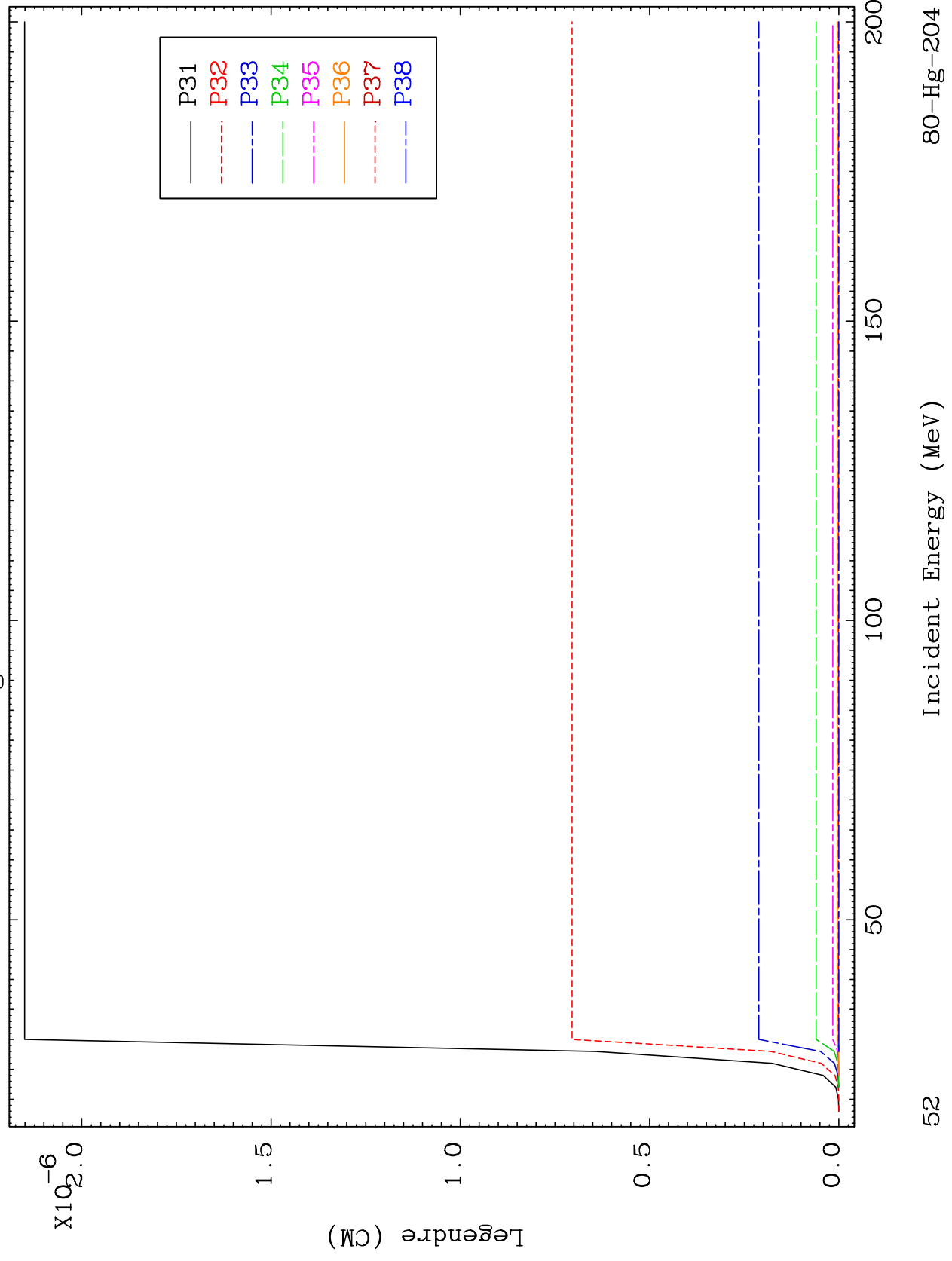
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



52

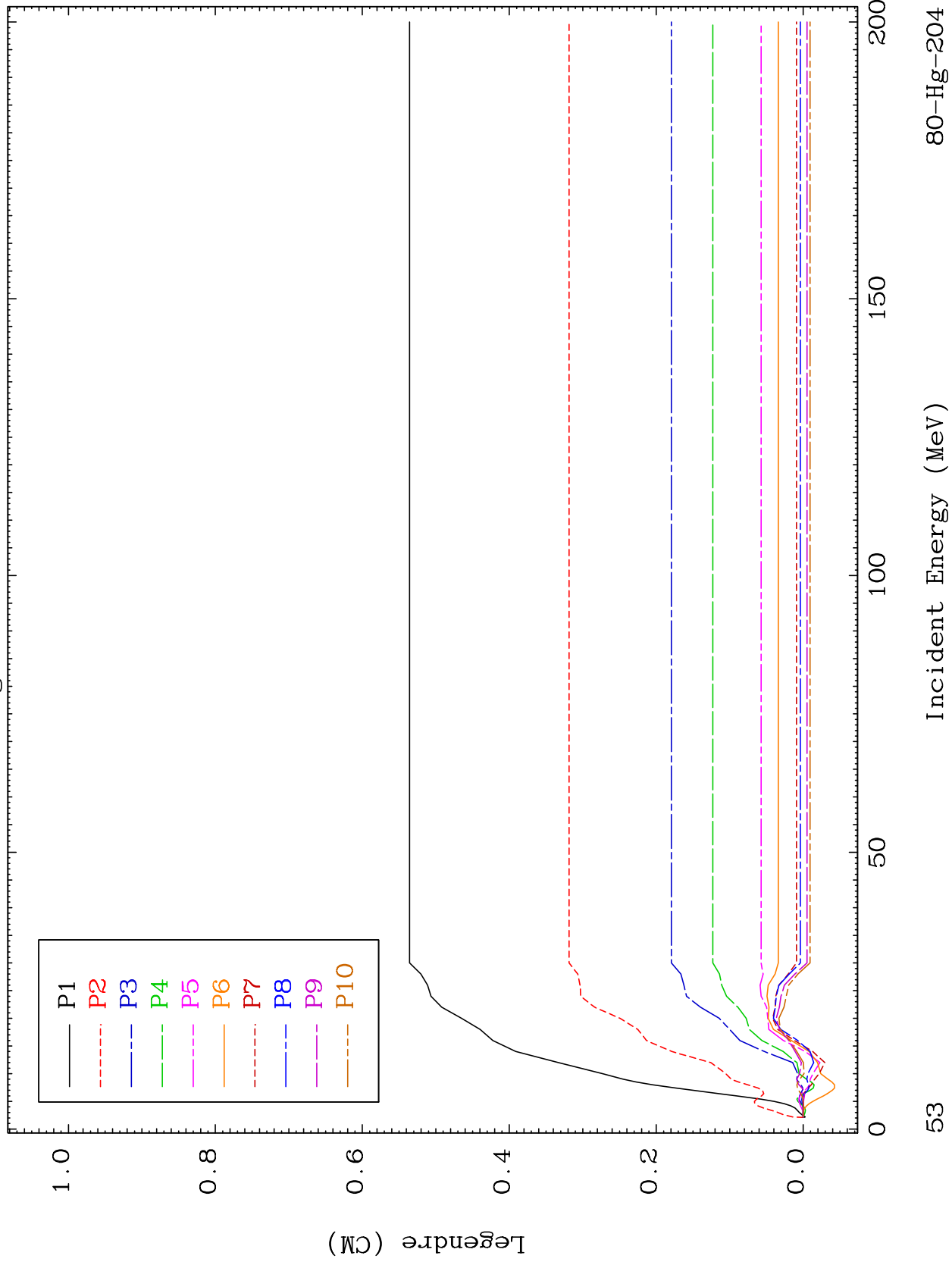
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

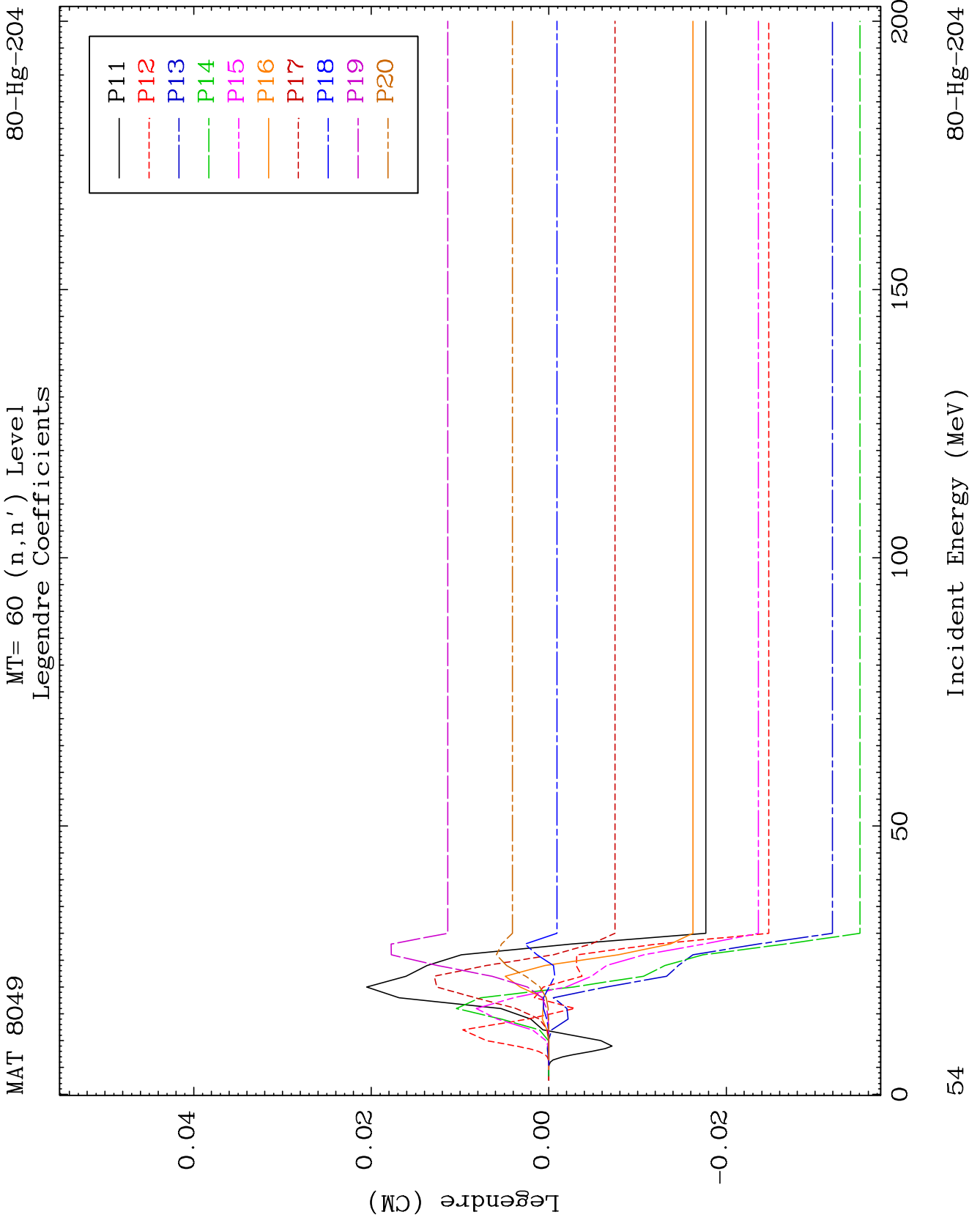
80-Hg-204



53

Incident Energy (MeV)

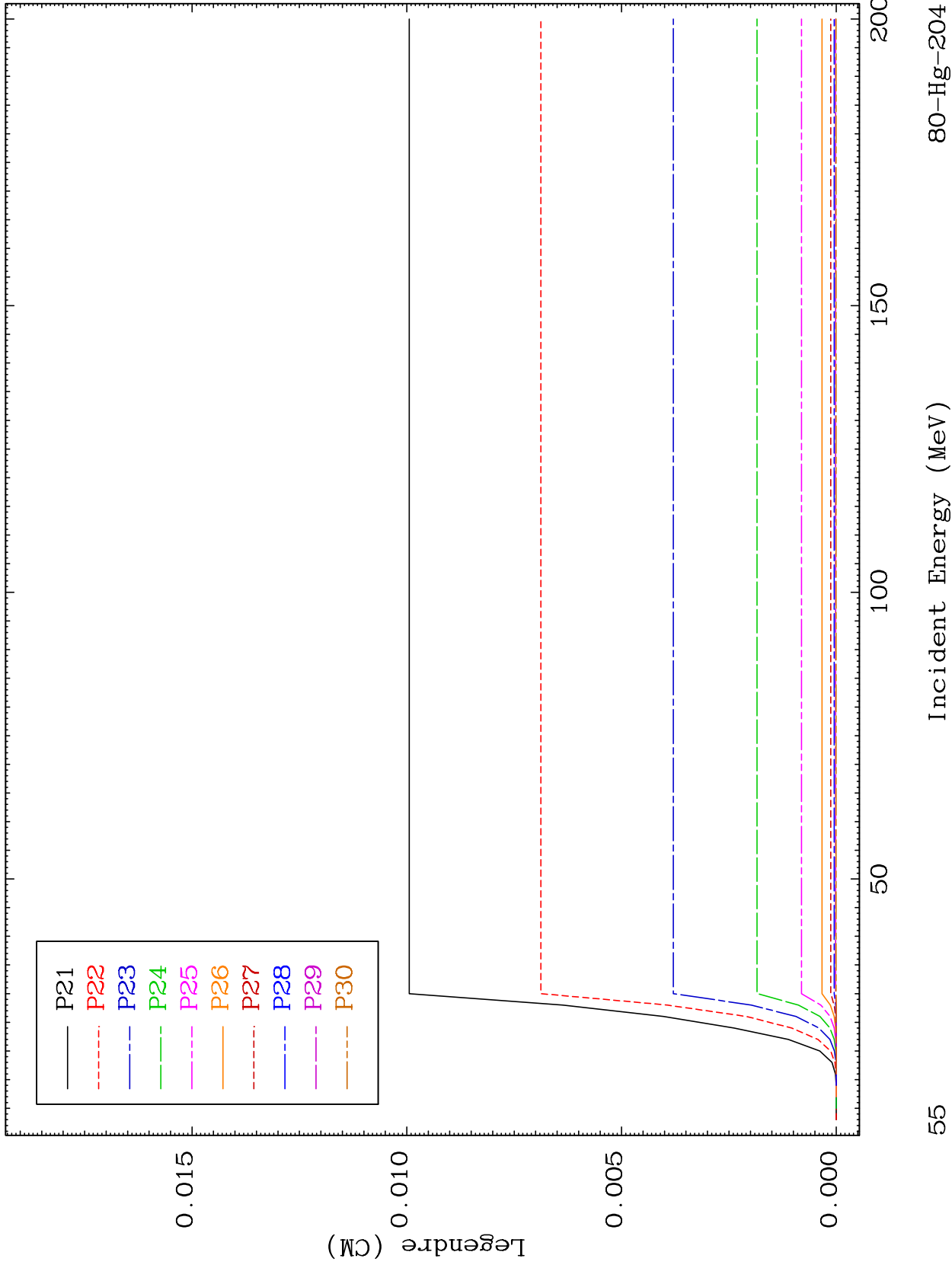
80-Hg-204



MAT 8049

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

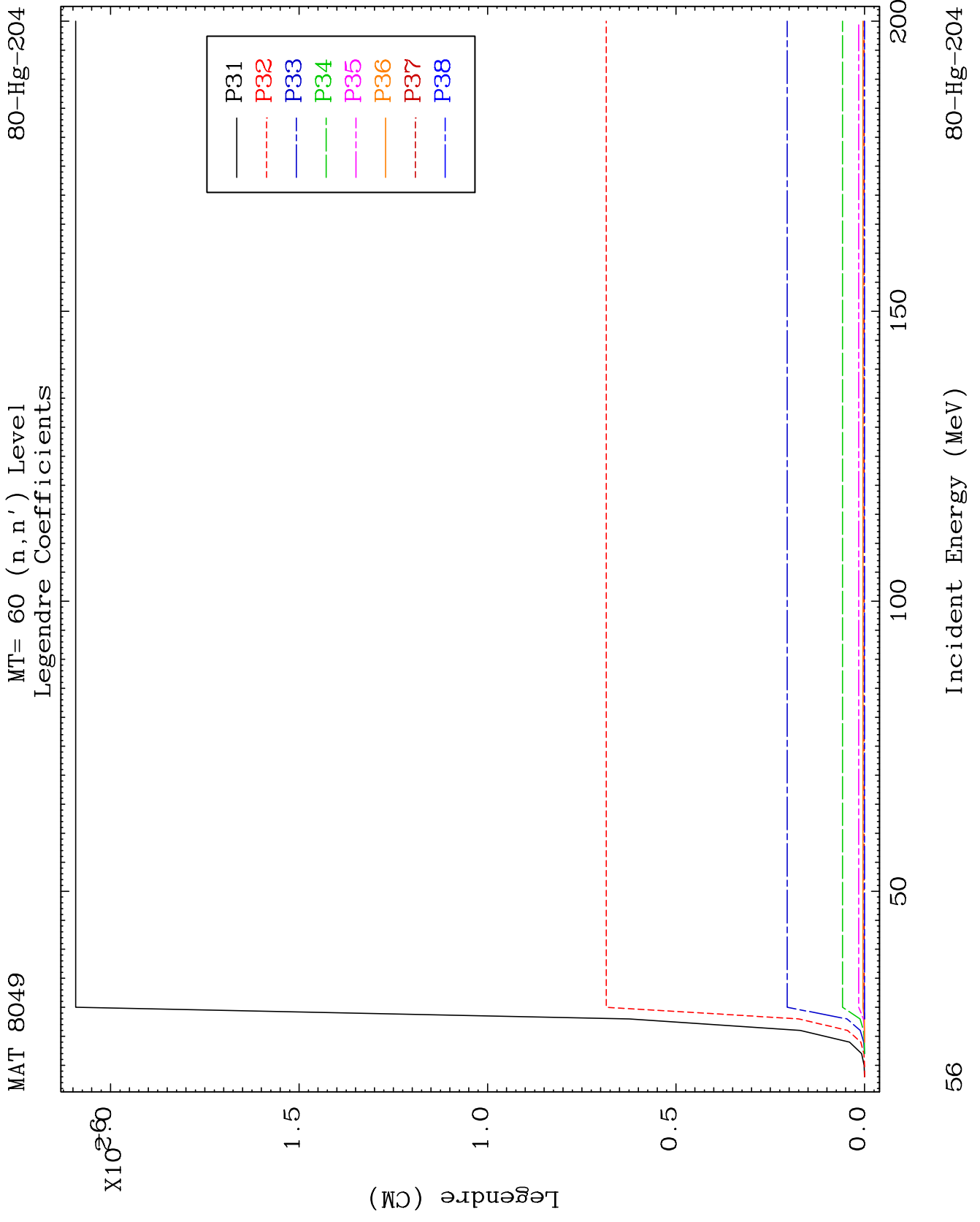
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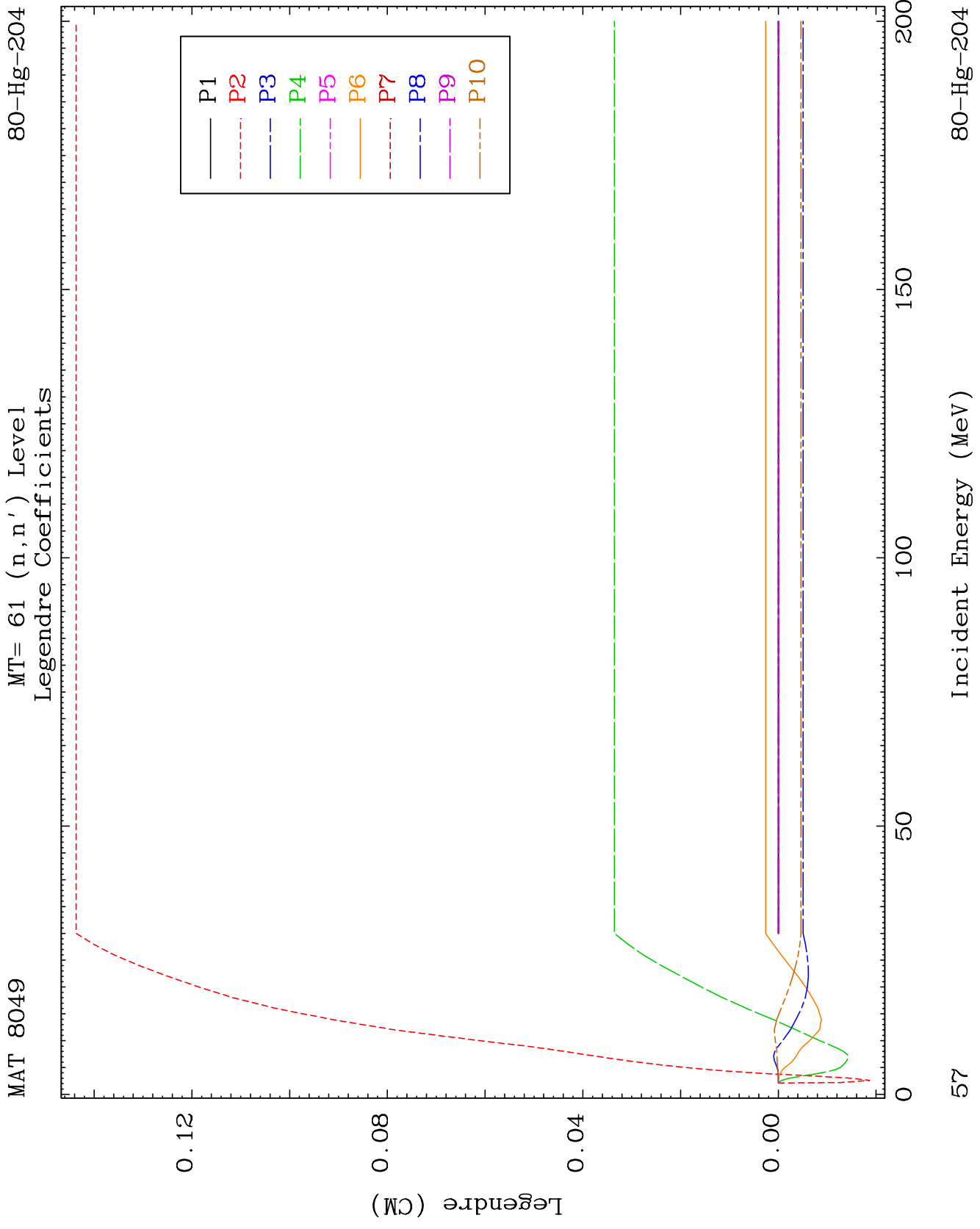


55

Incident Energy (MeV)

80-Hg-204

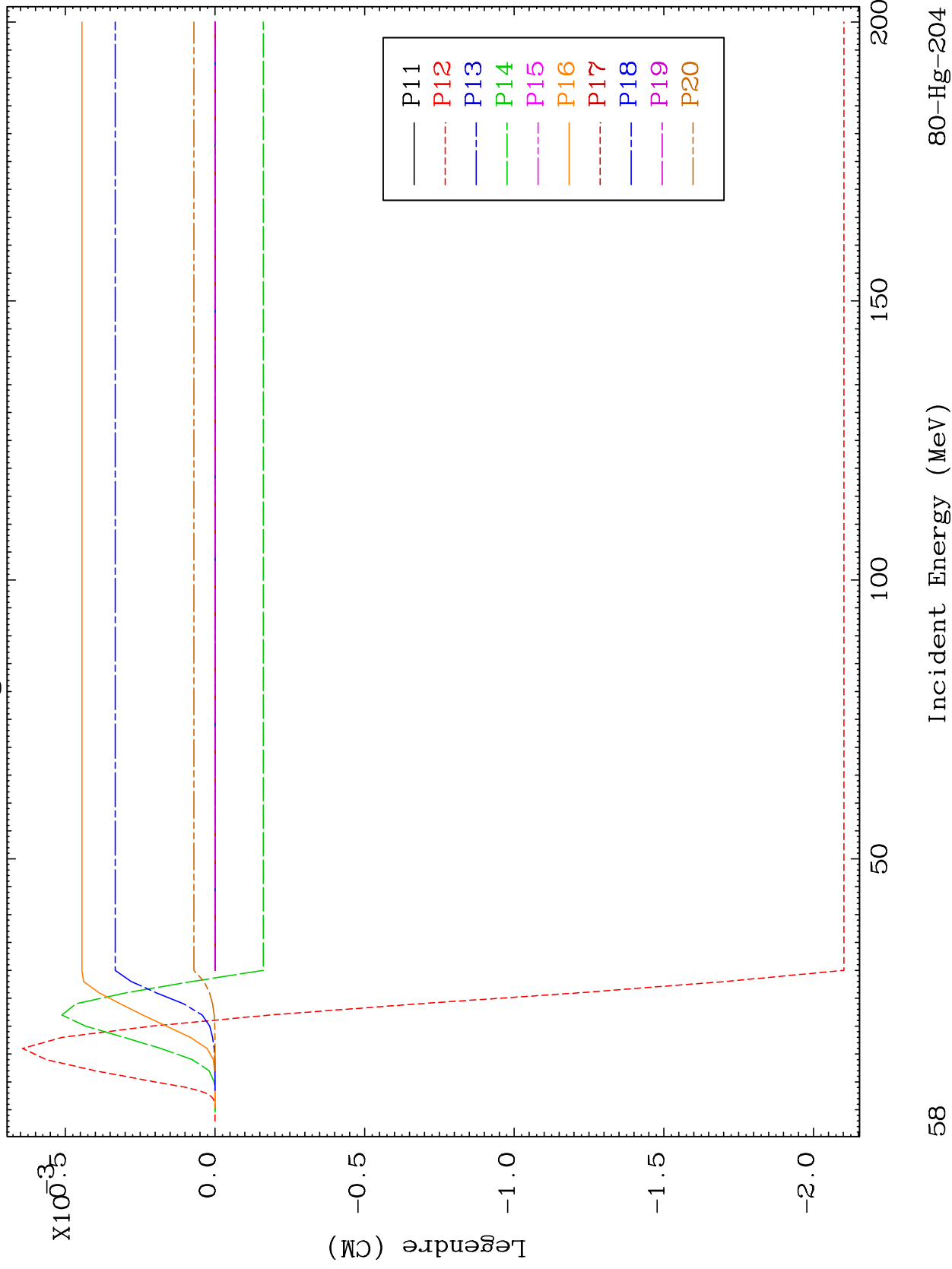




MAT 8049

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

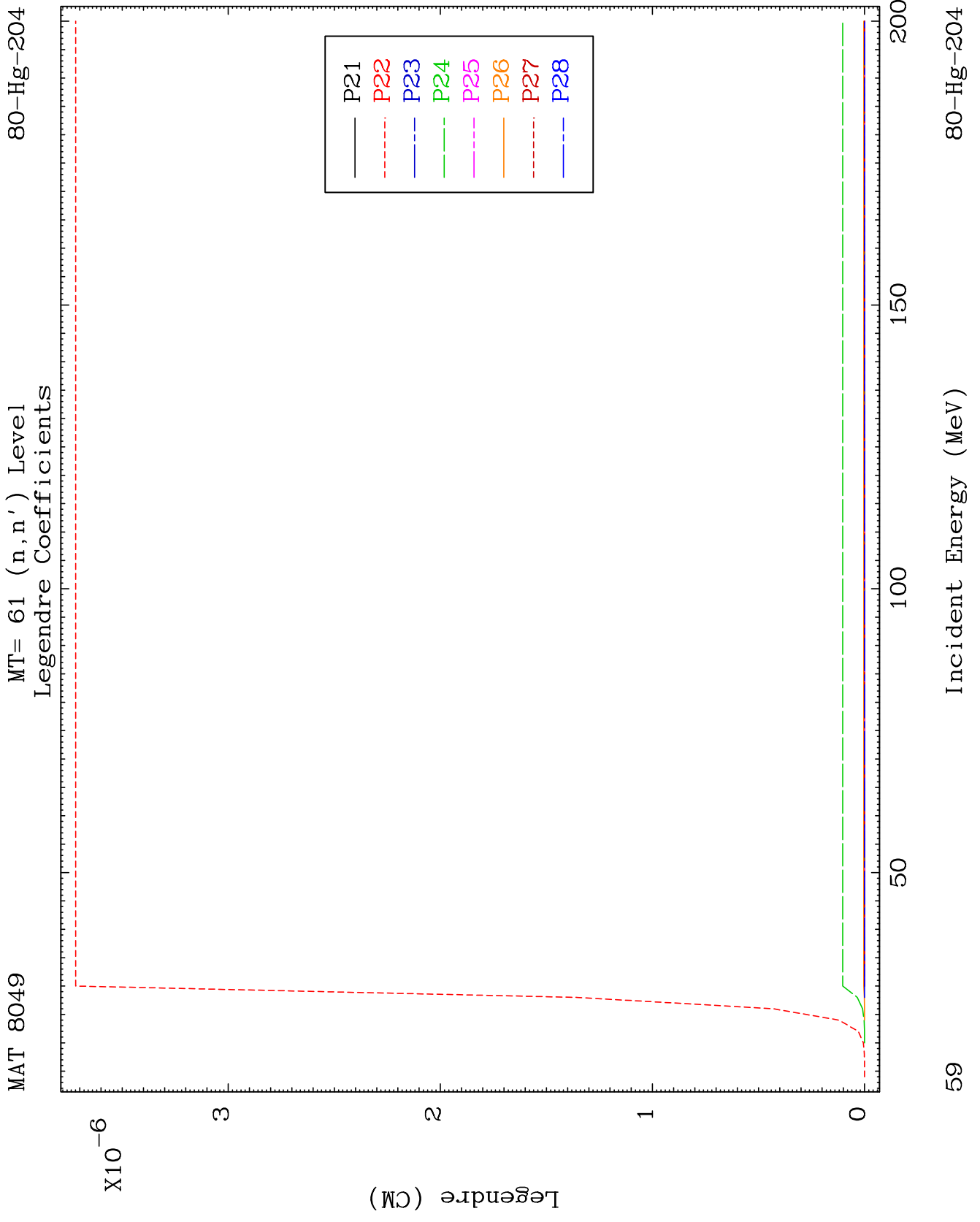
80-Hg-204



58

Incident Energy (MeV)

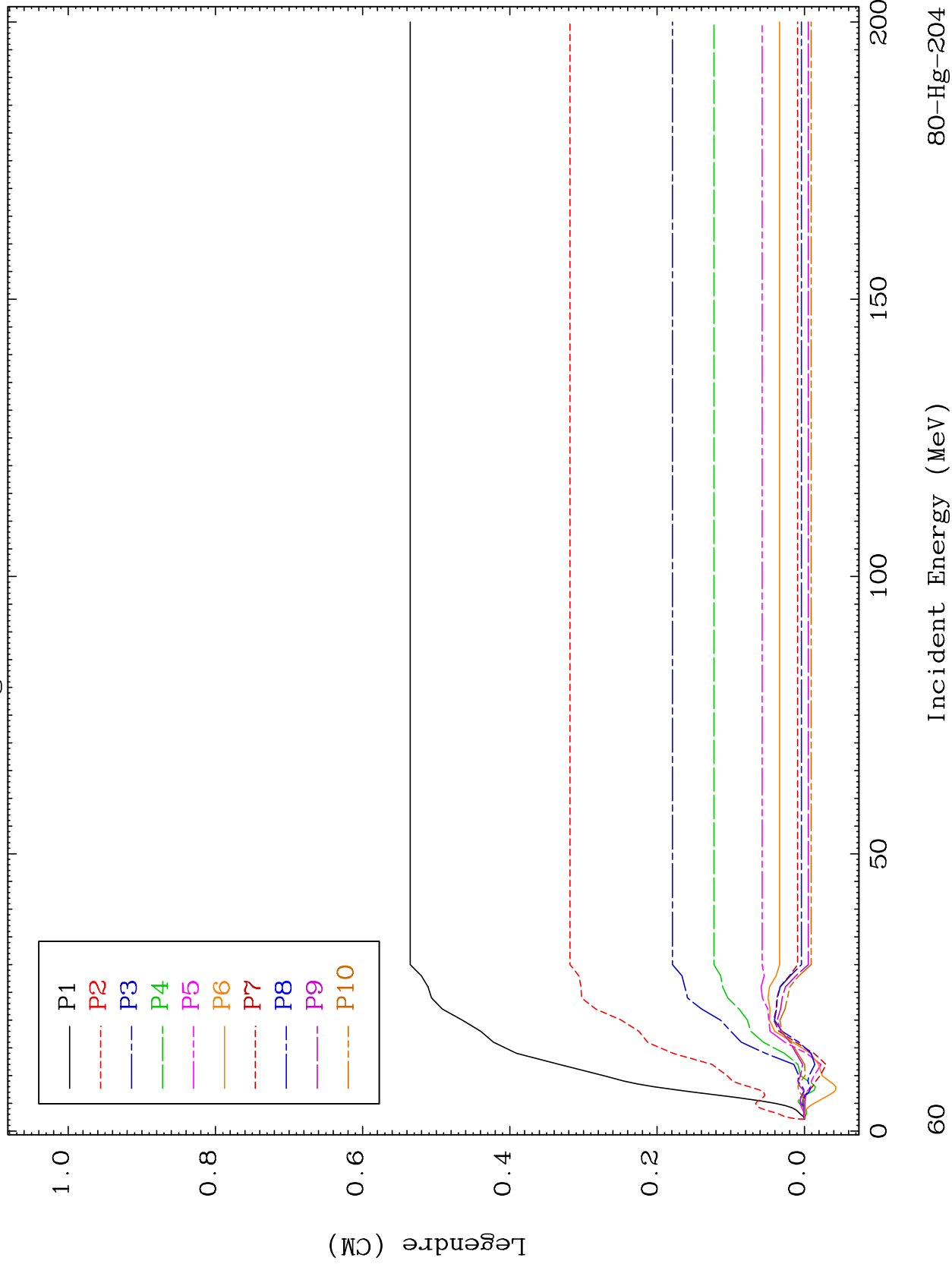
80-Hg-204



MAT 8049

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

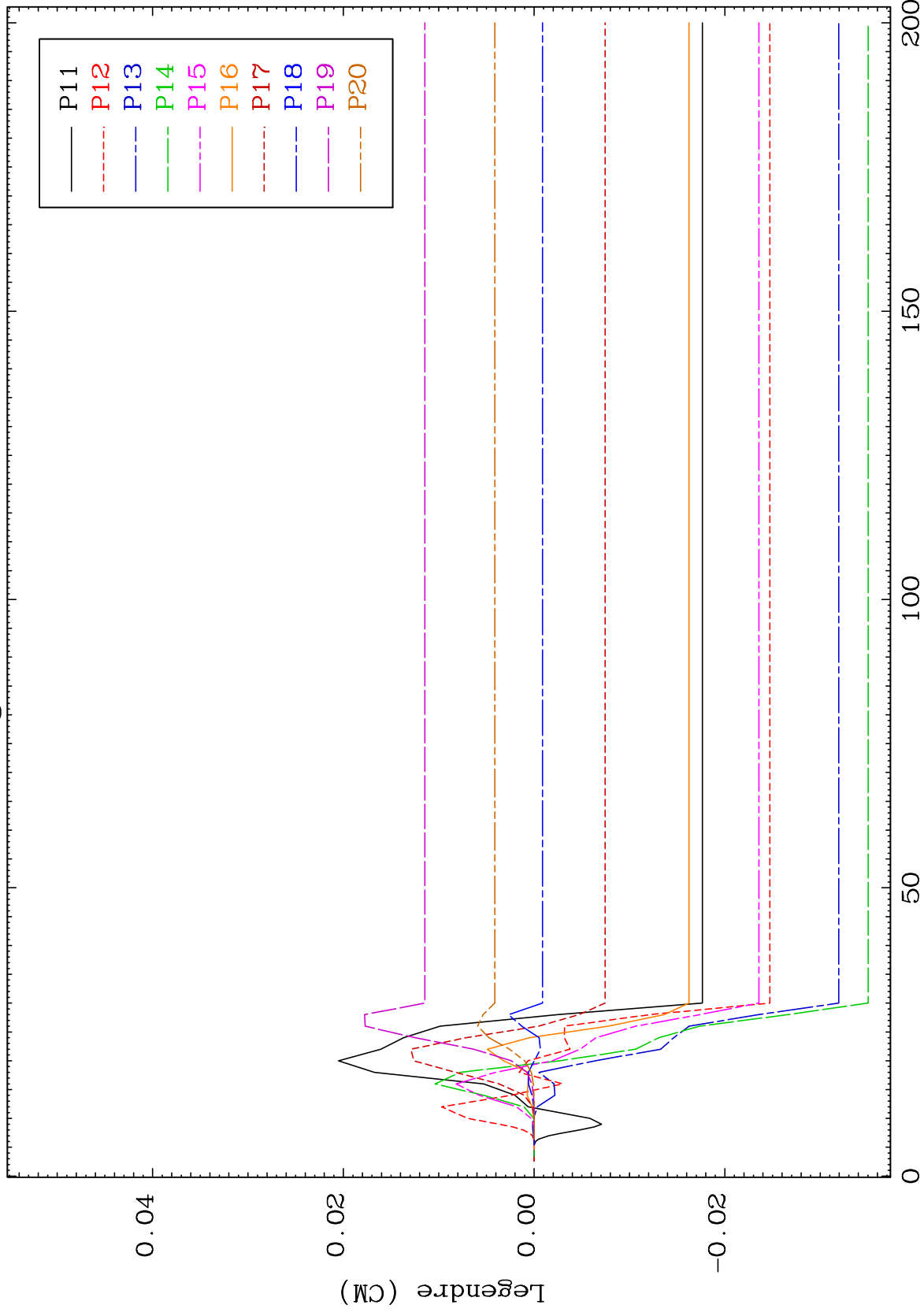
80-Hg-204



MAT 8049

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

80-Hg-204



61

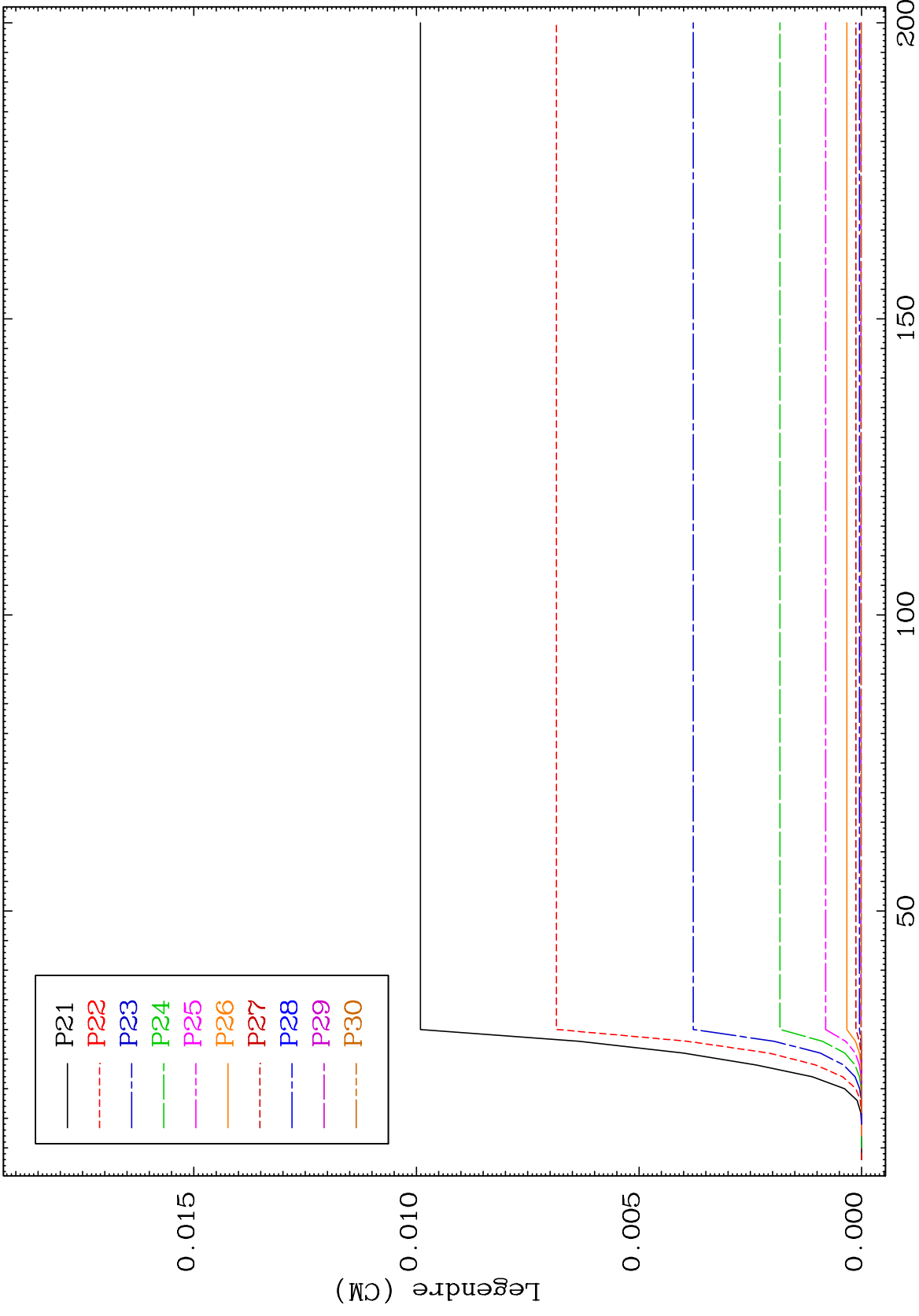
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



62

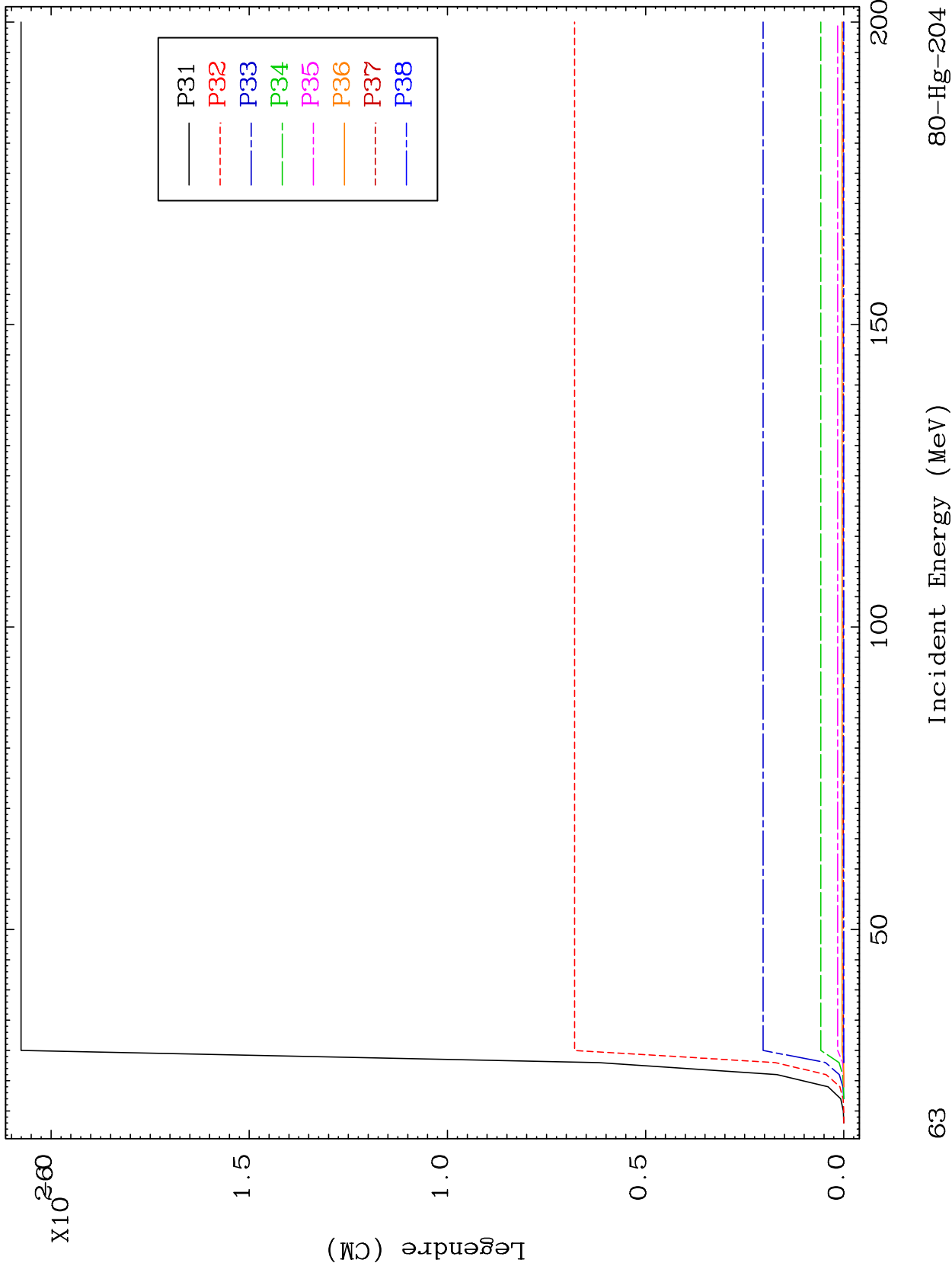
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



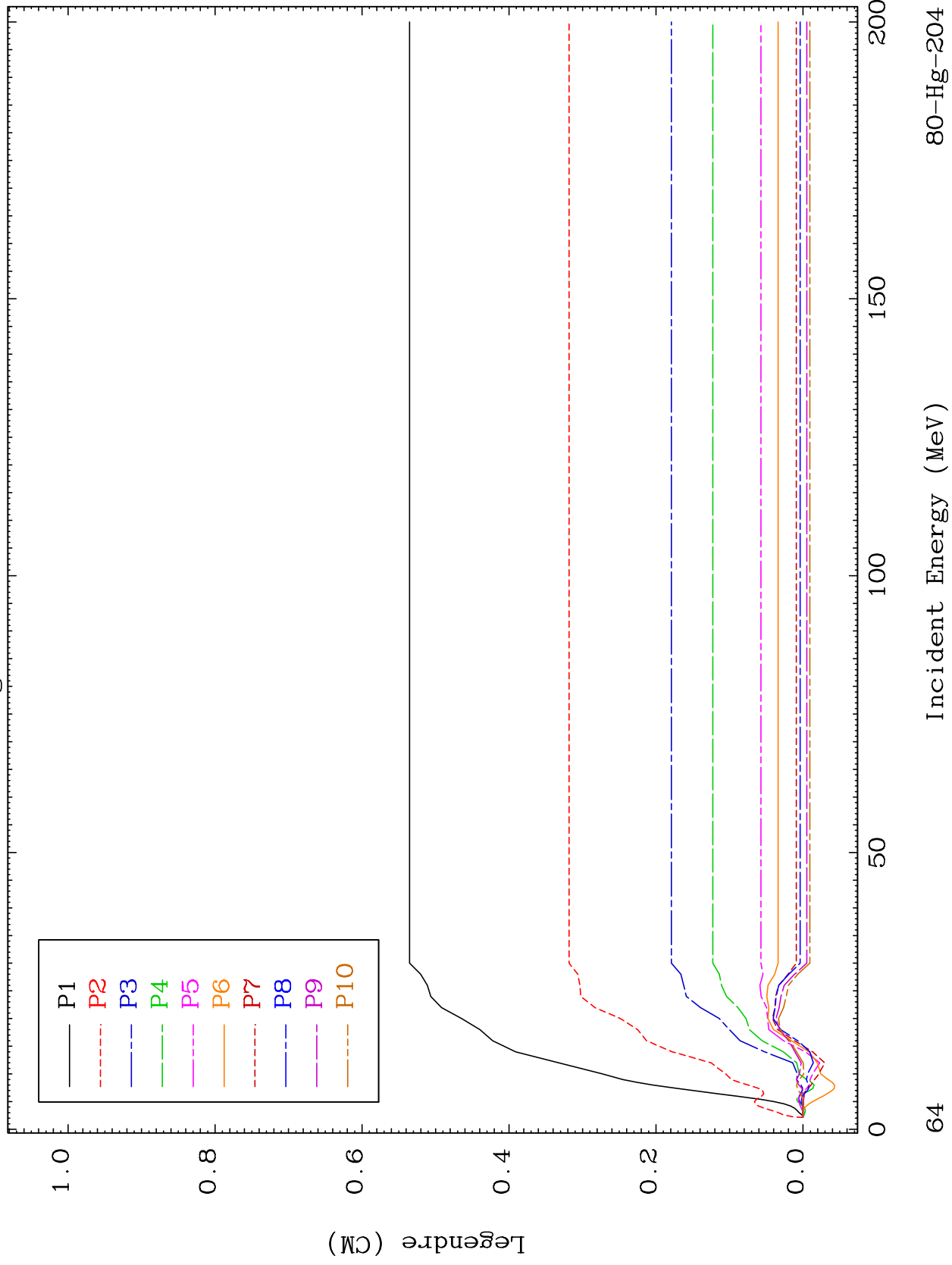
63

80-Hg-204

MAT 8049

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

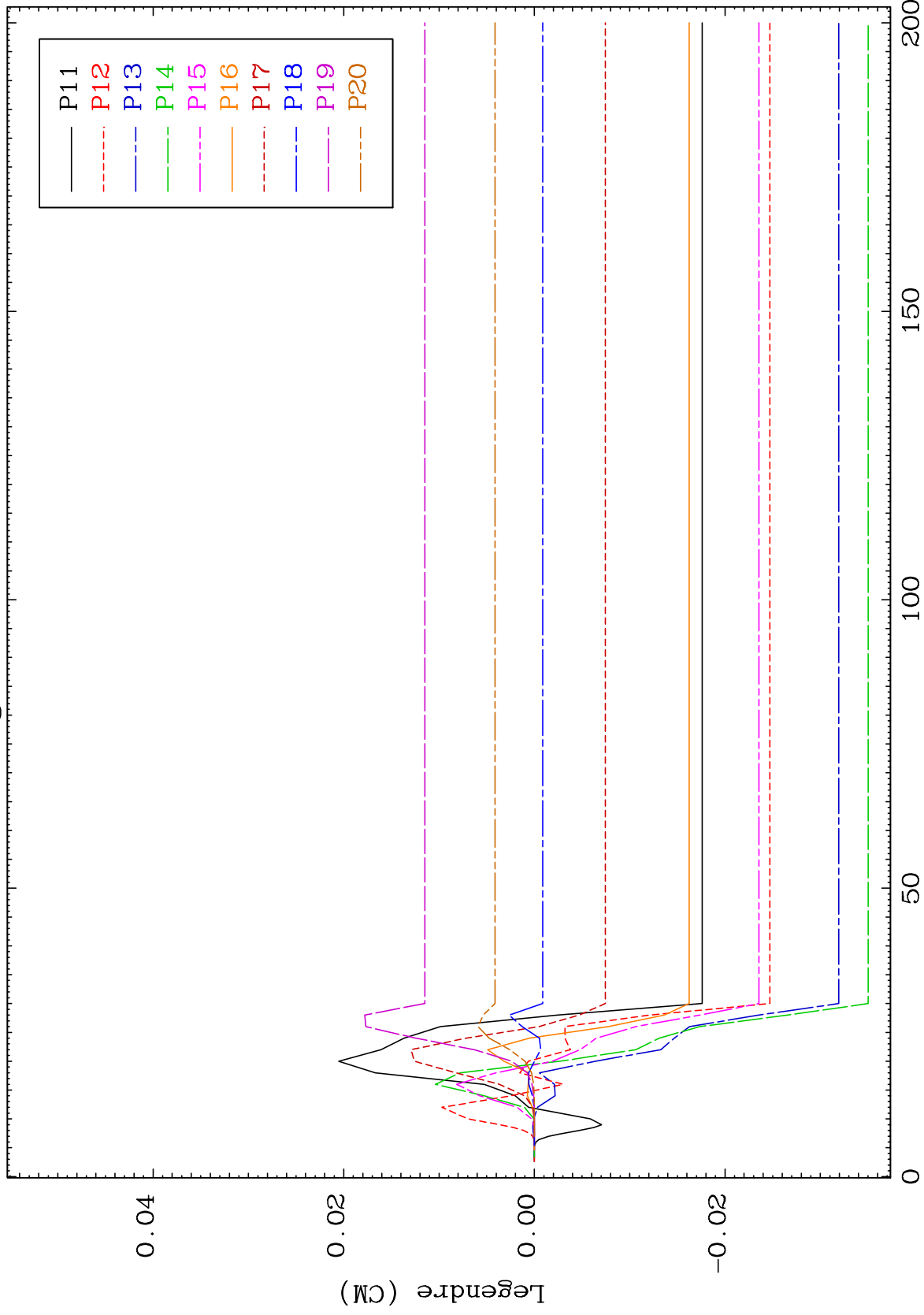
80-Hg-204



MAT 8049

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

80-Hg-204



65

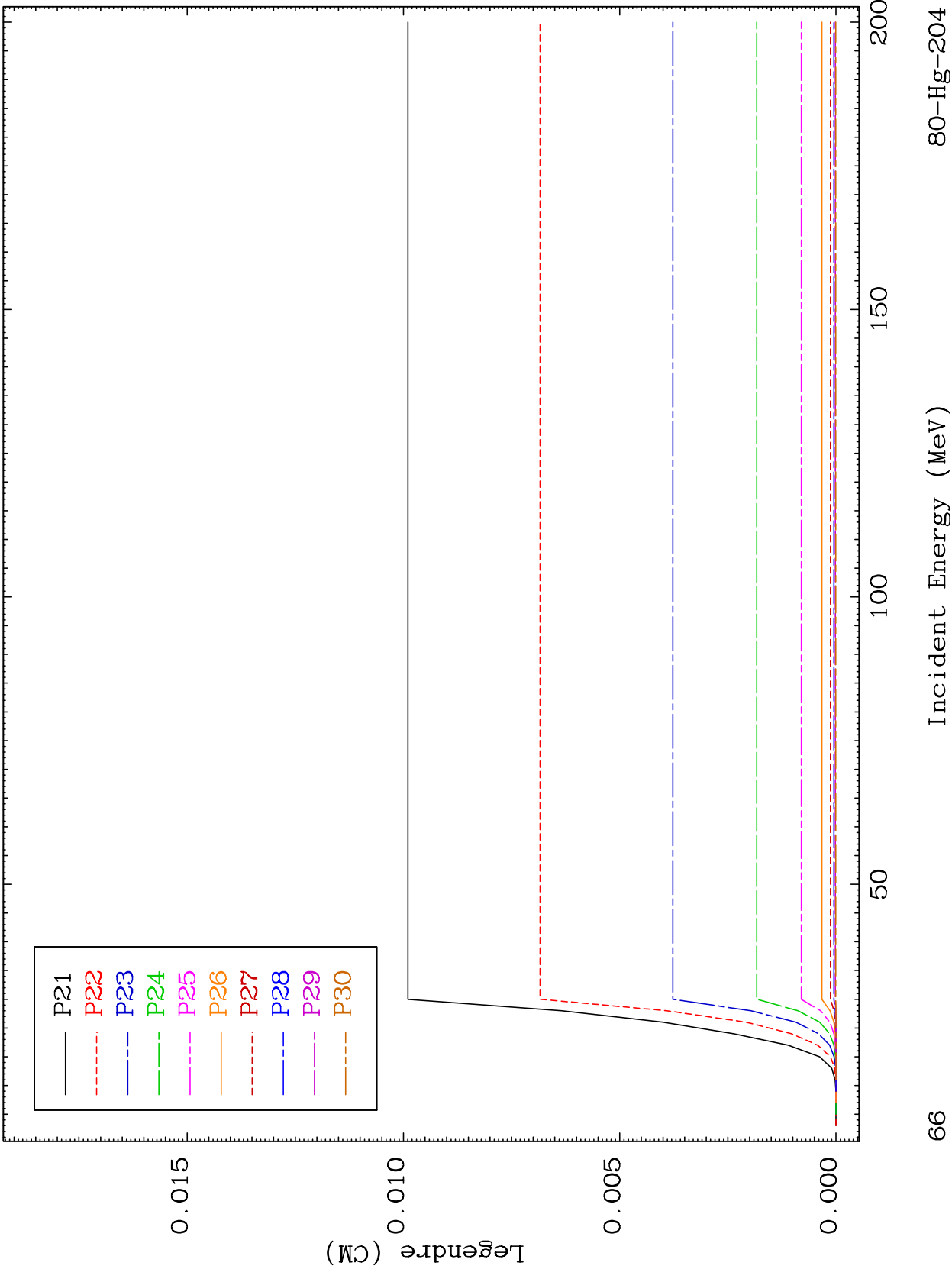
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



66

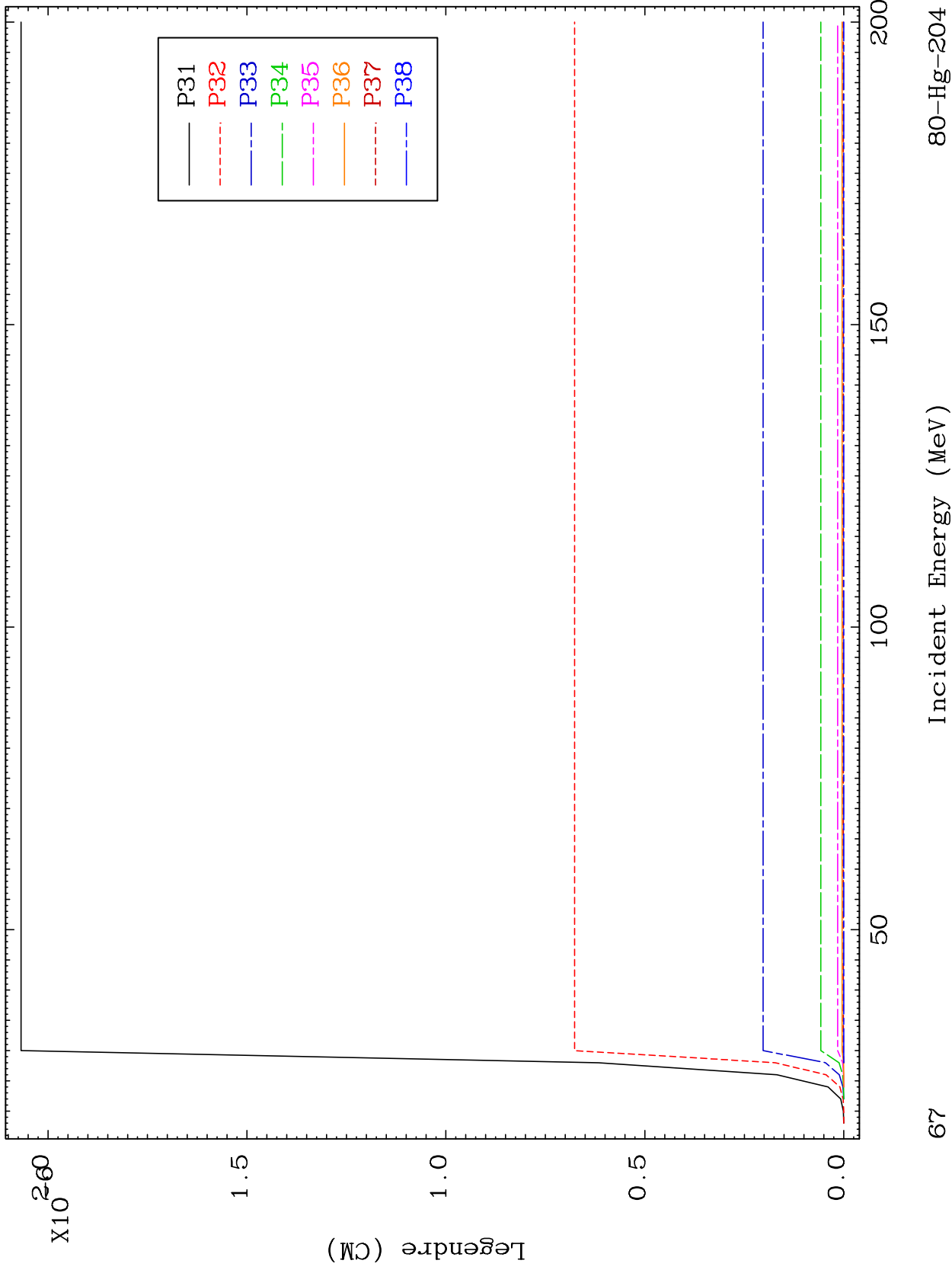
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204

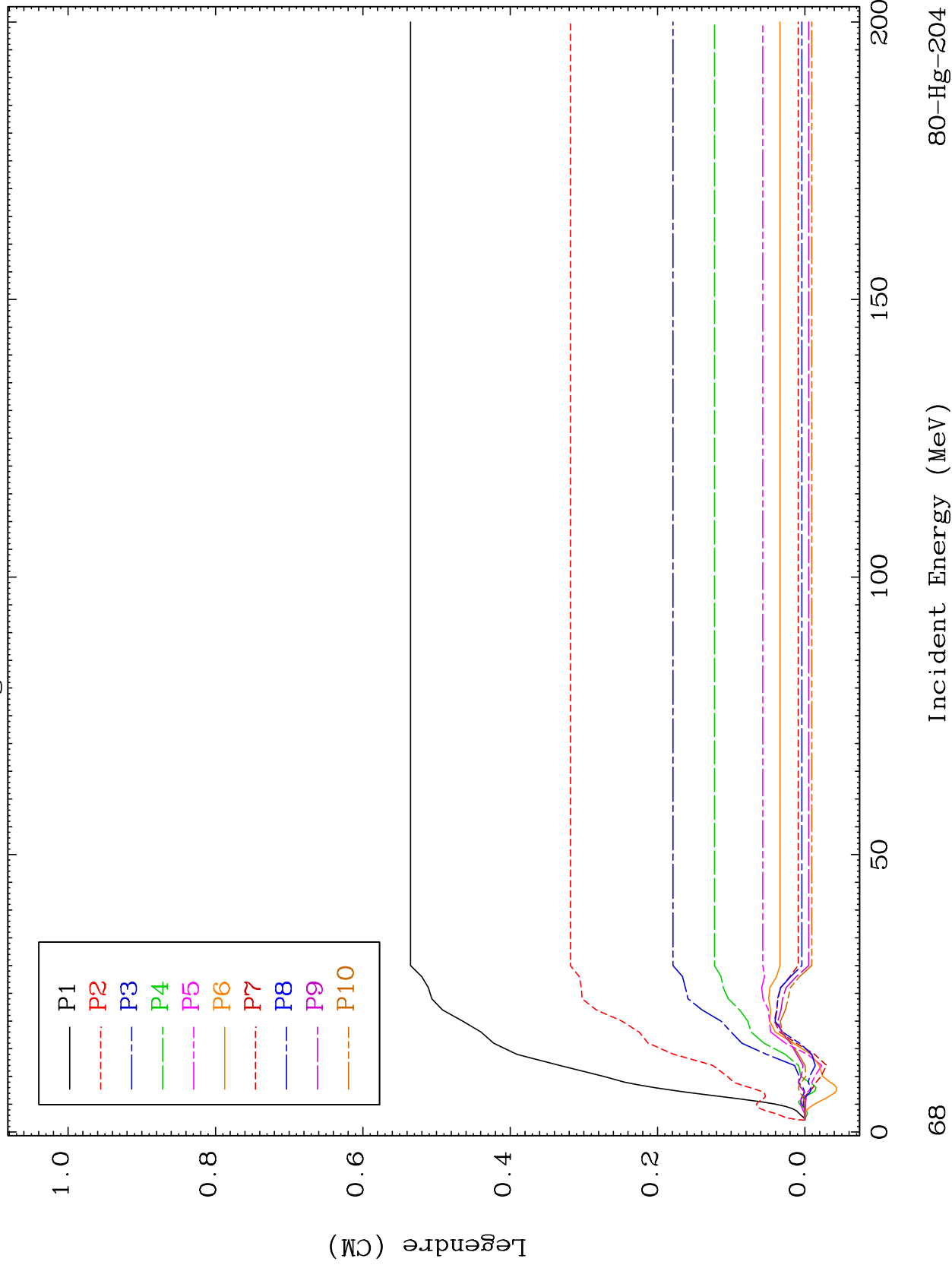


67

MAT 8049

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

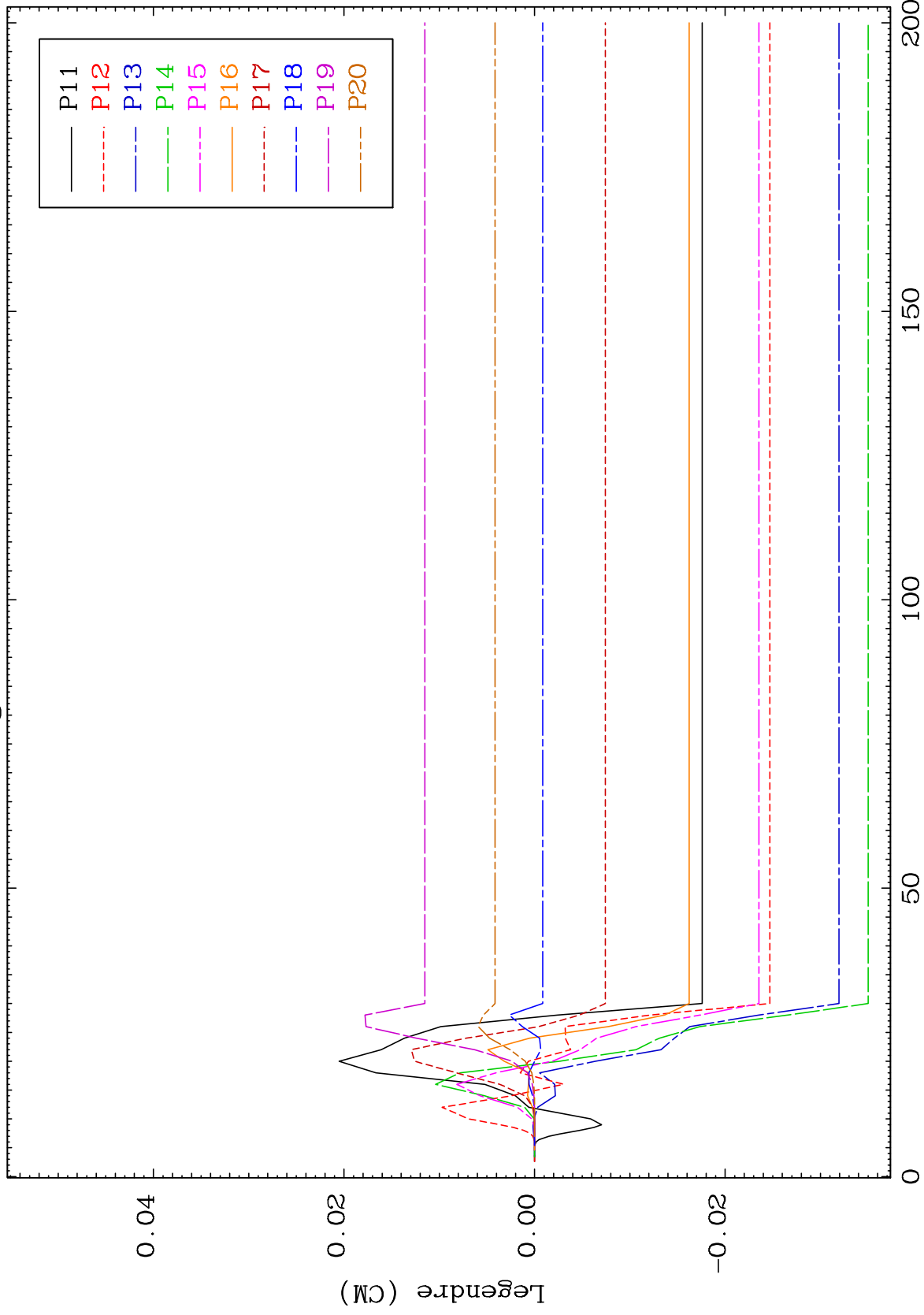
80-Hg-204



MAT 8049

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

80-Hg-204



69

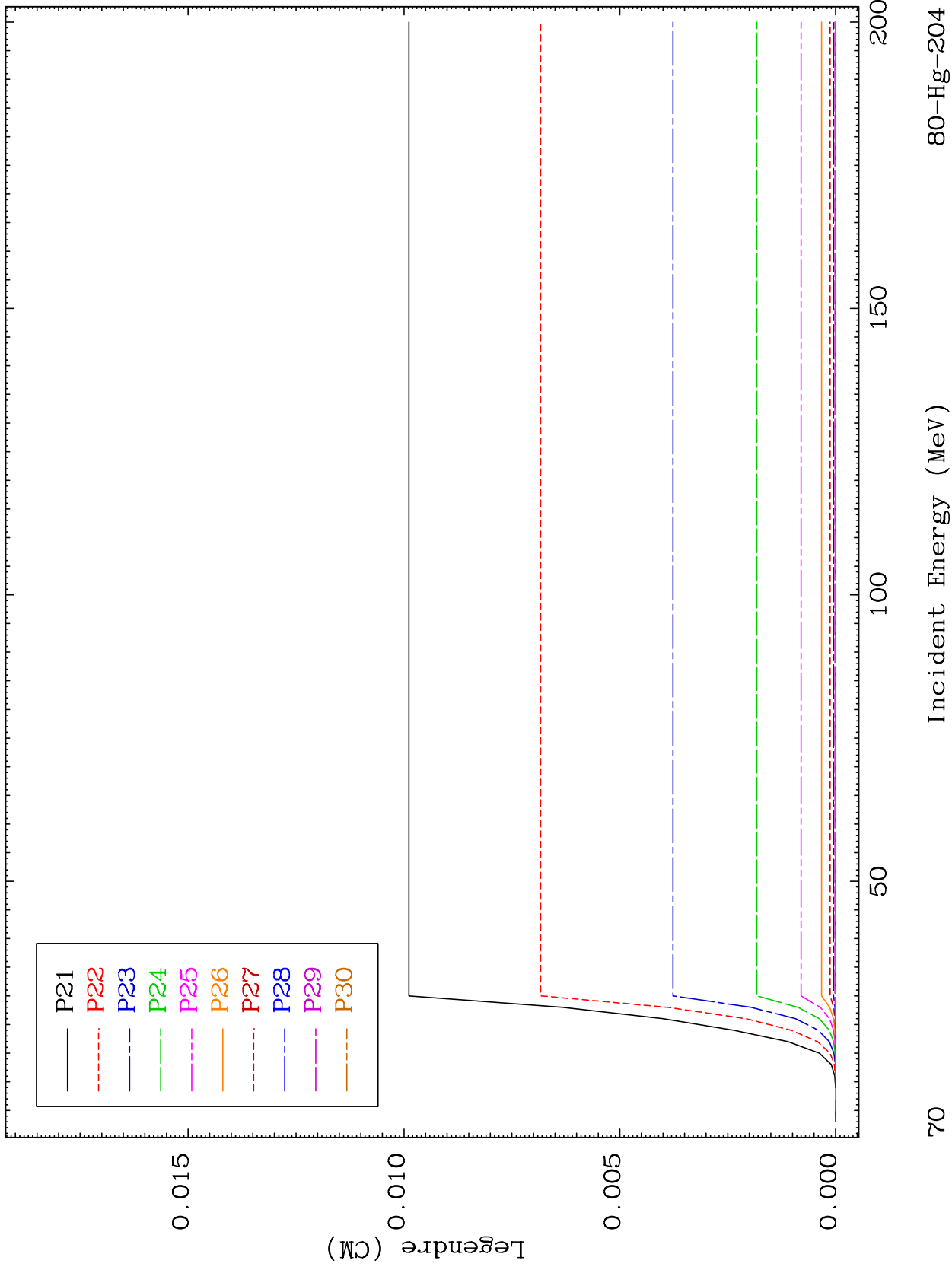
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



70

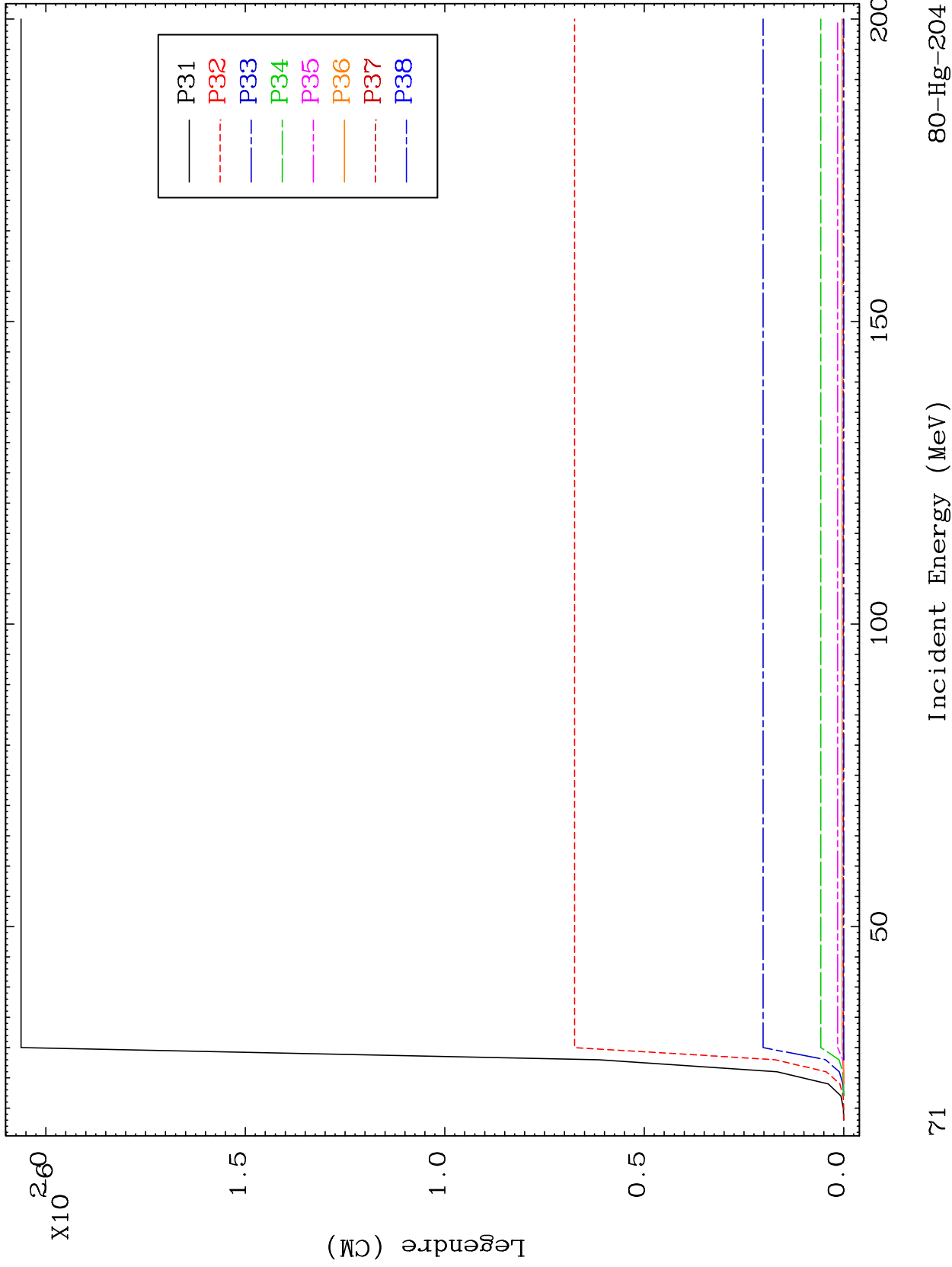
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

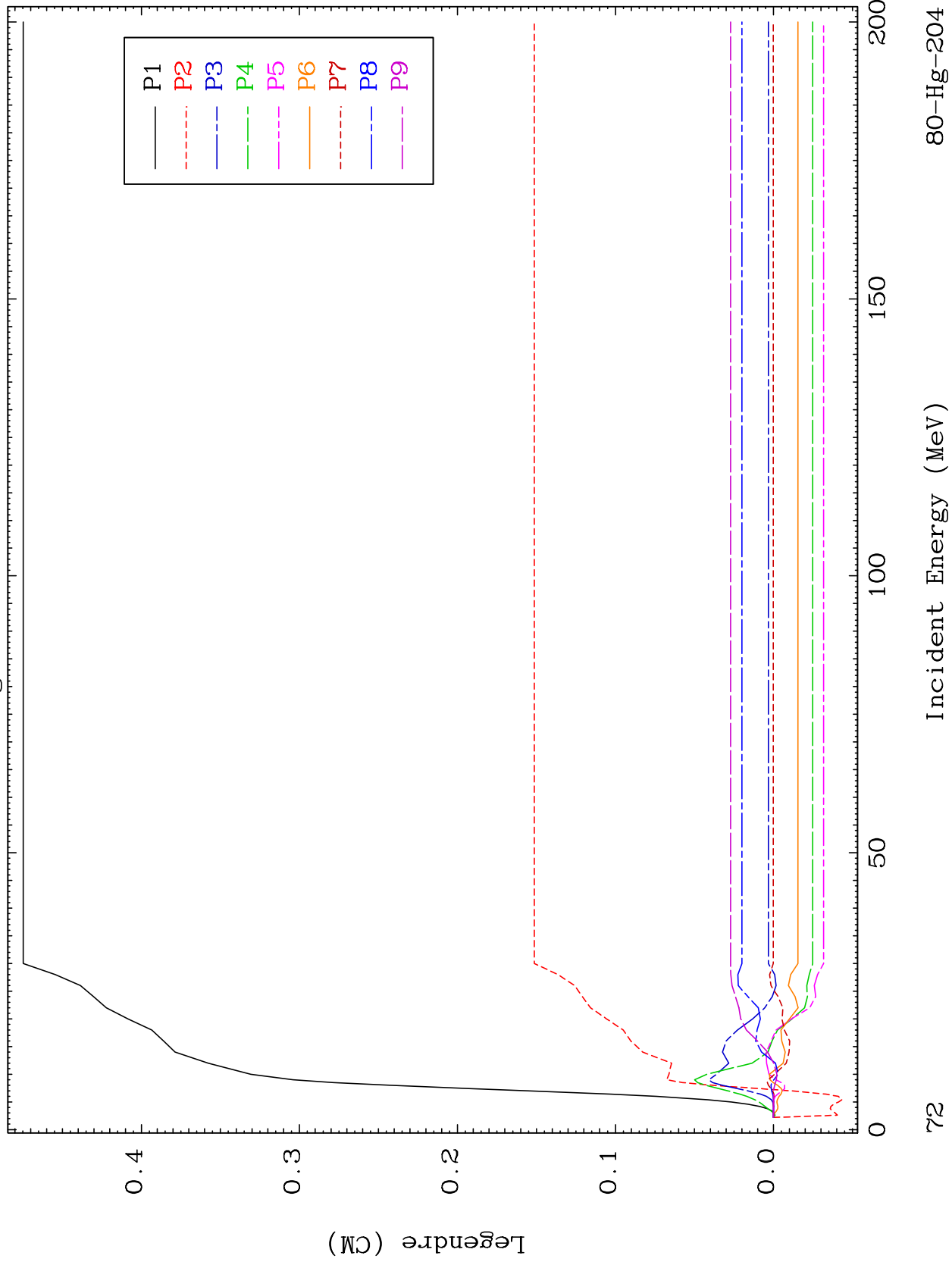
80-Hg-204



MAT 8049

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

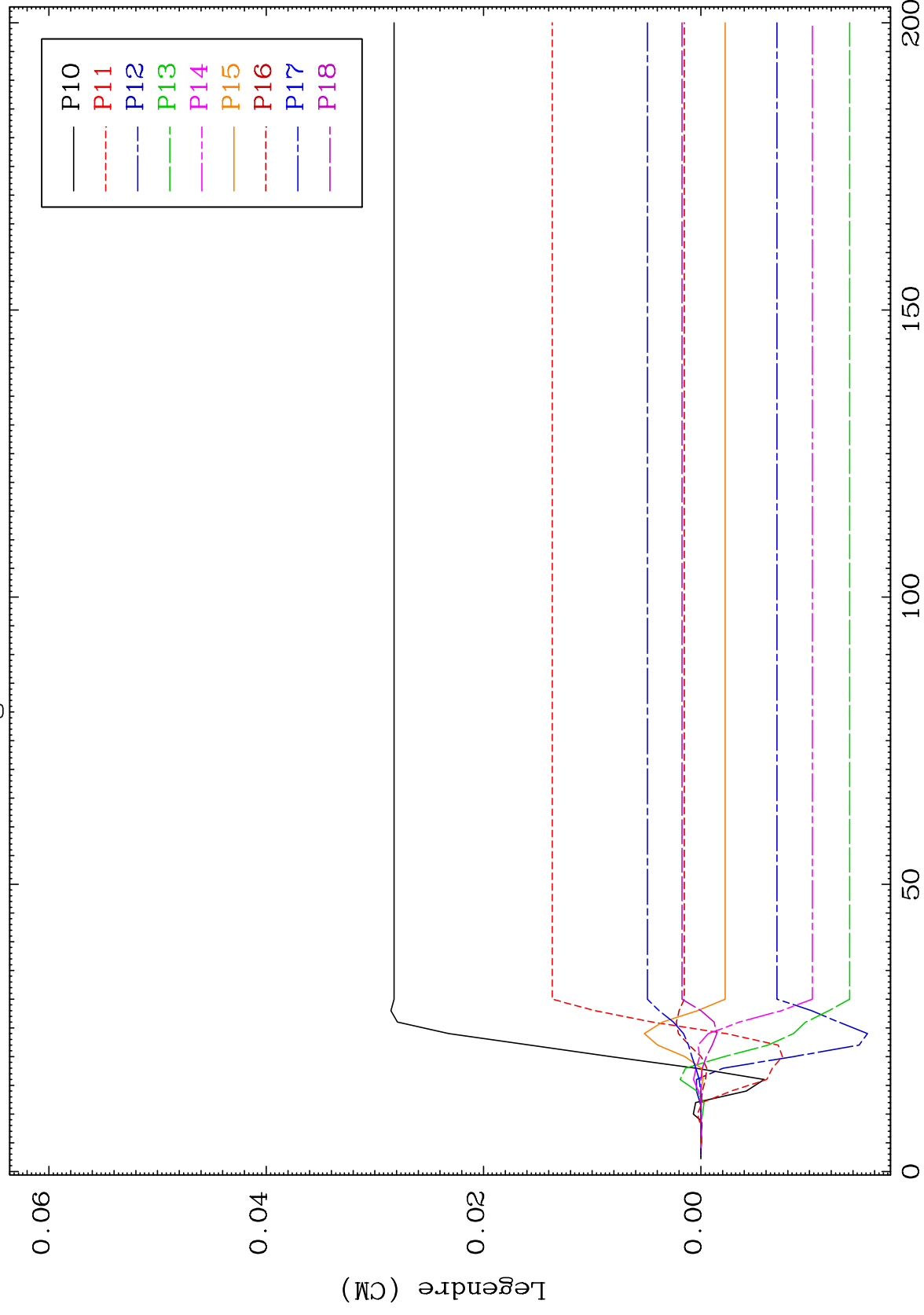
80-Hg-204



MAT 8049

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

80-Hg-204



73

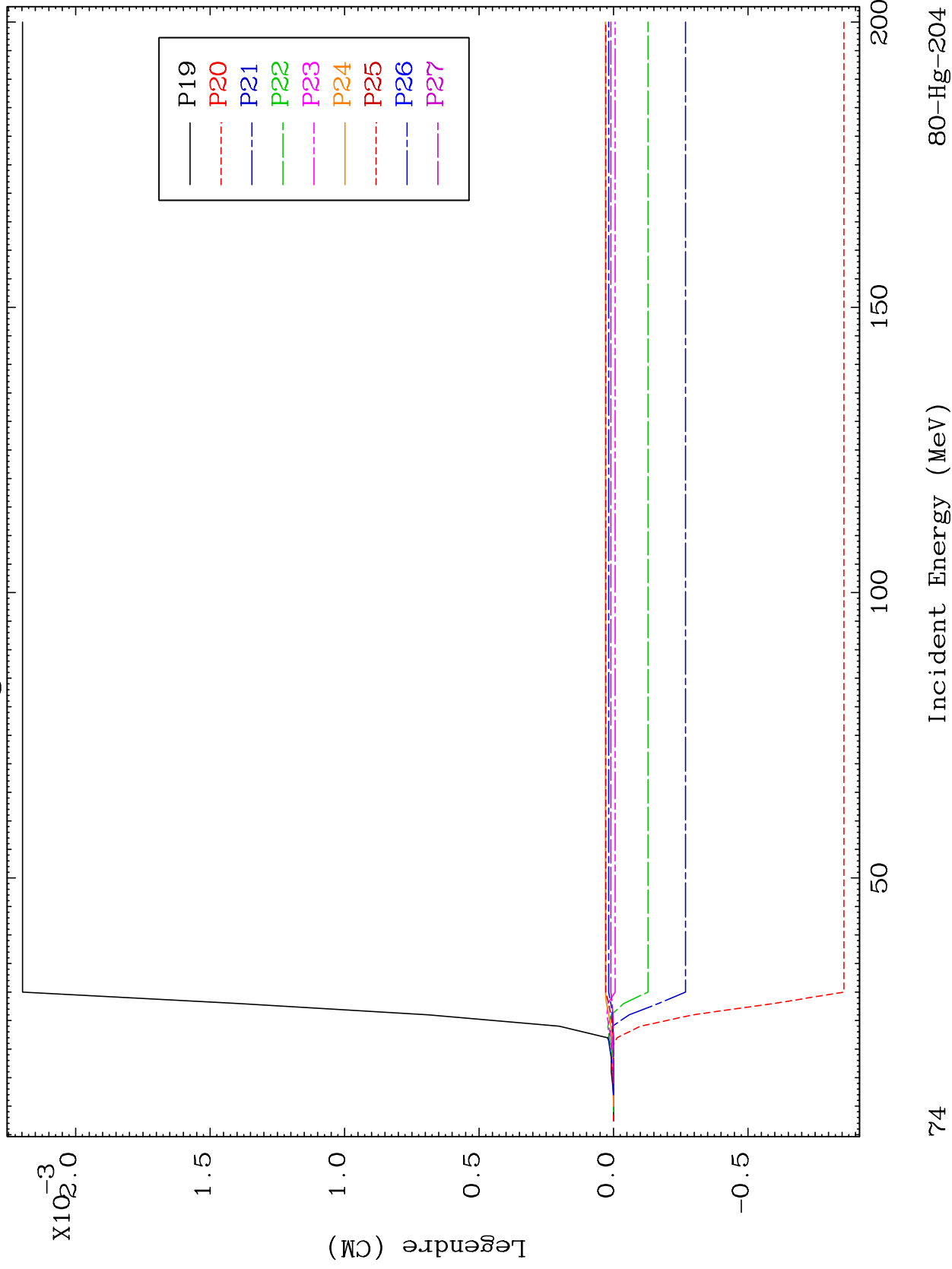
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

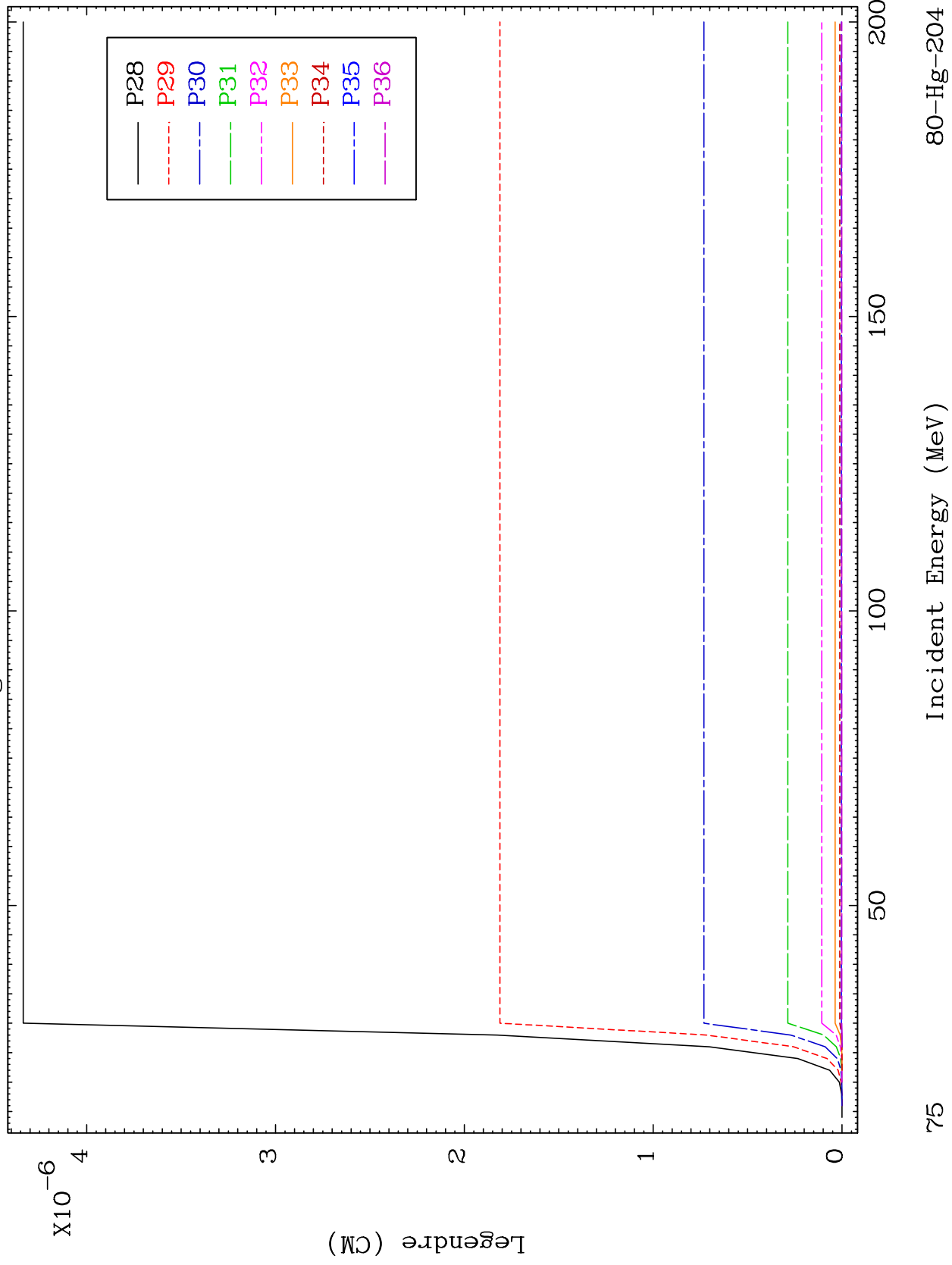
80-Hg-204



MAT 8049

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

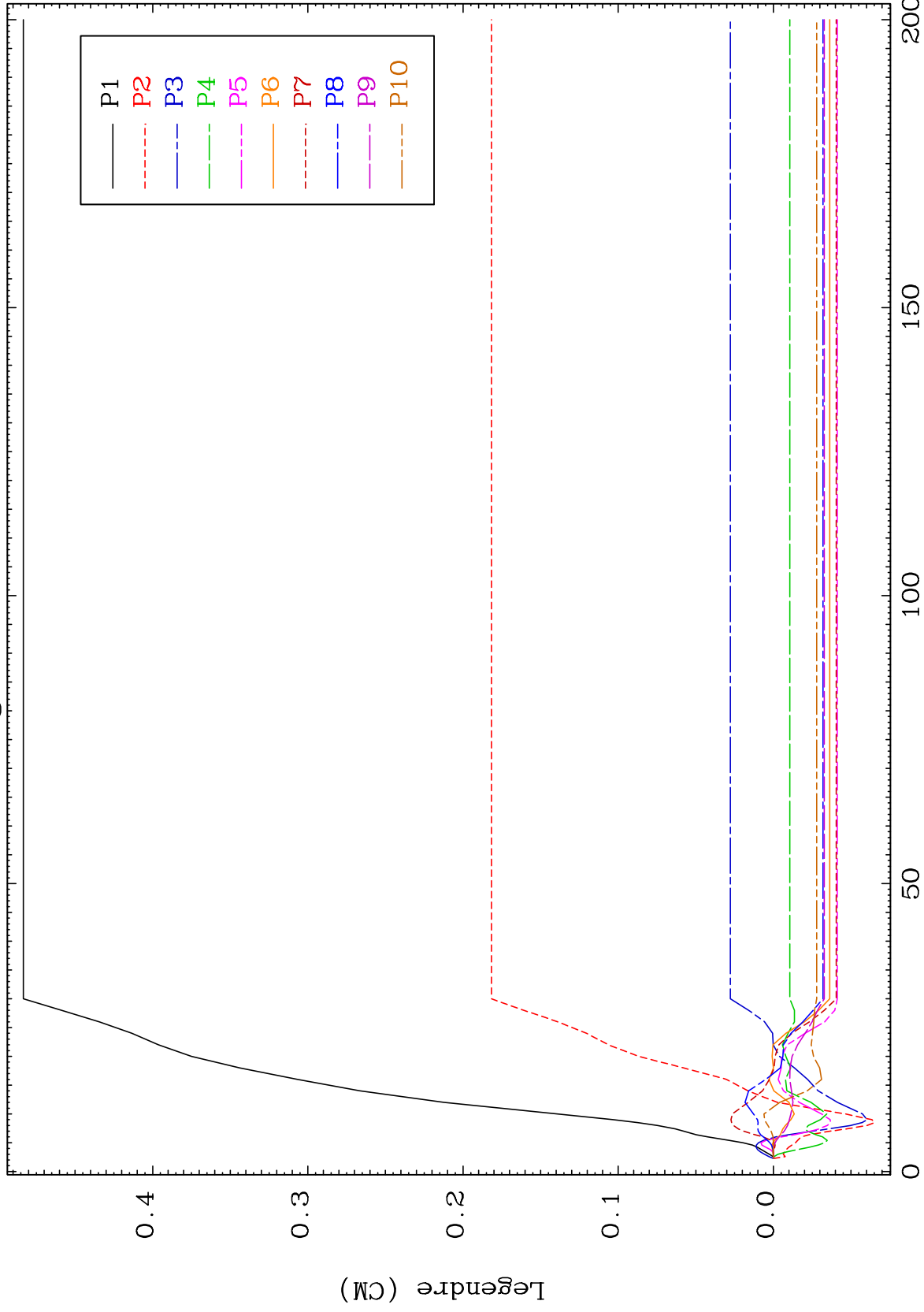
80-Hg-204



MAT 8049

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

80-Hg-204



76

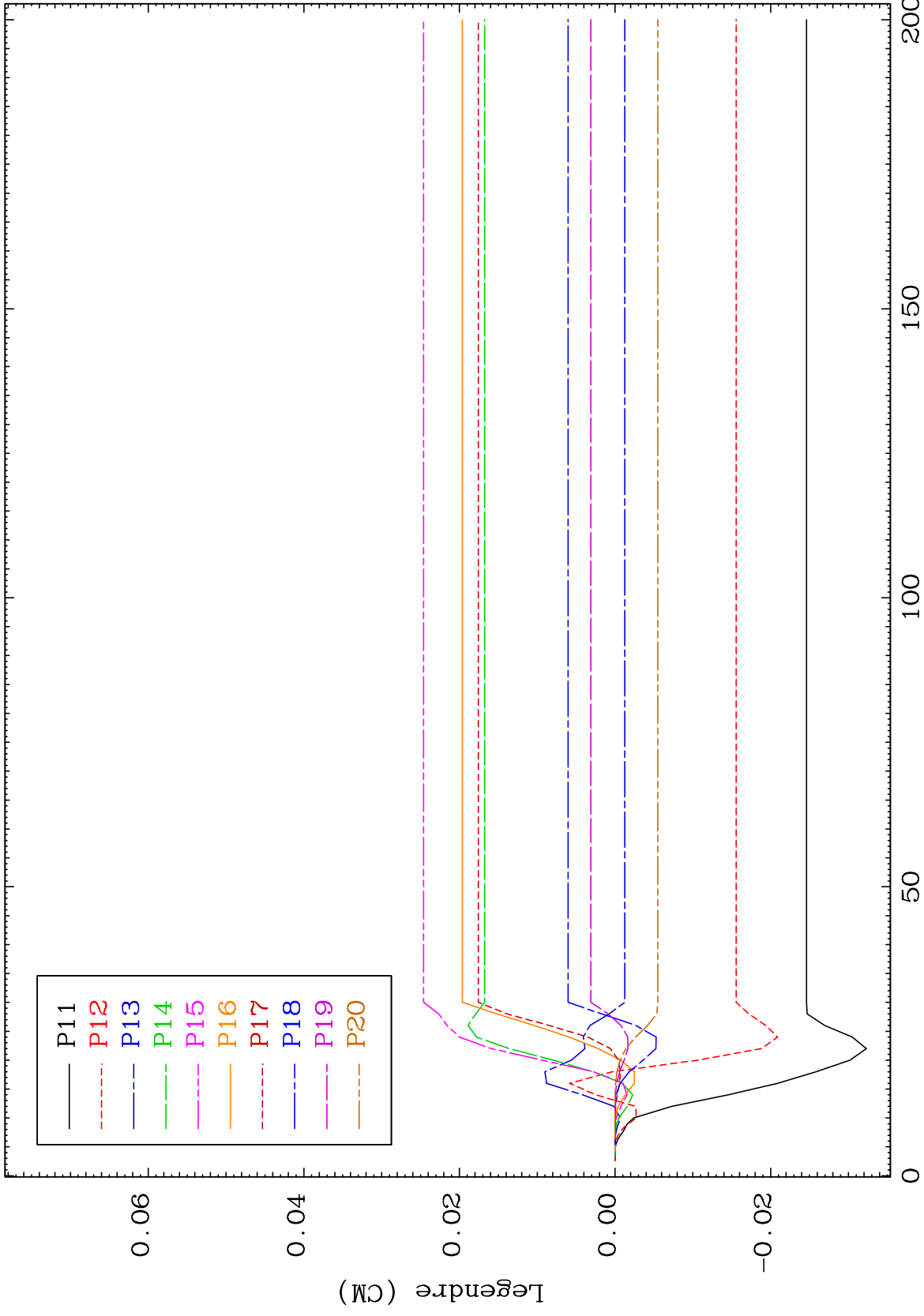
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



77

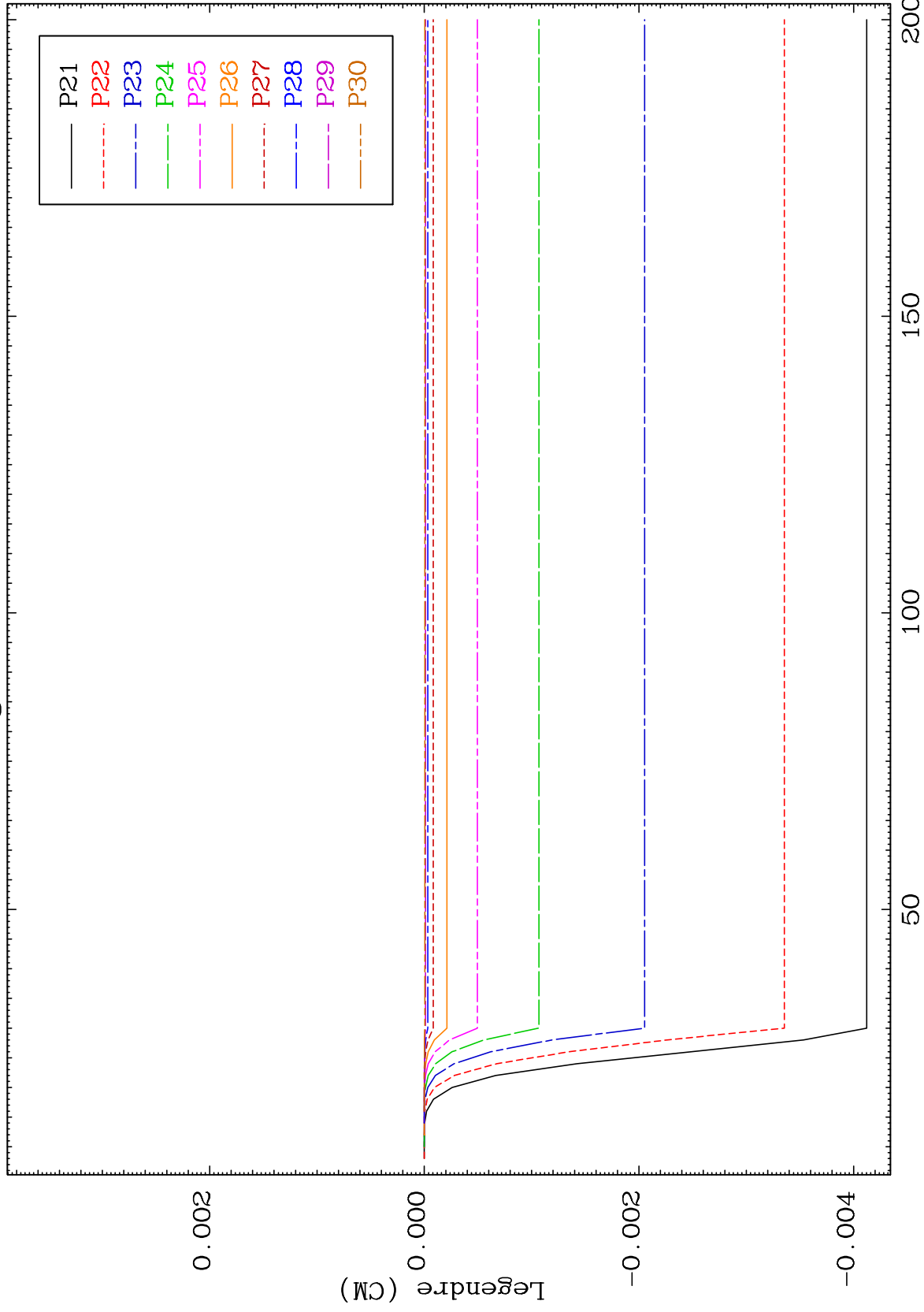
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

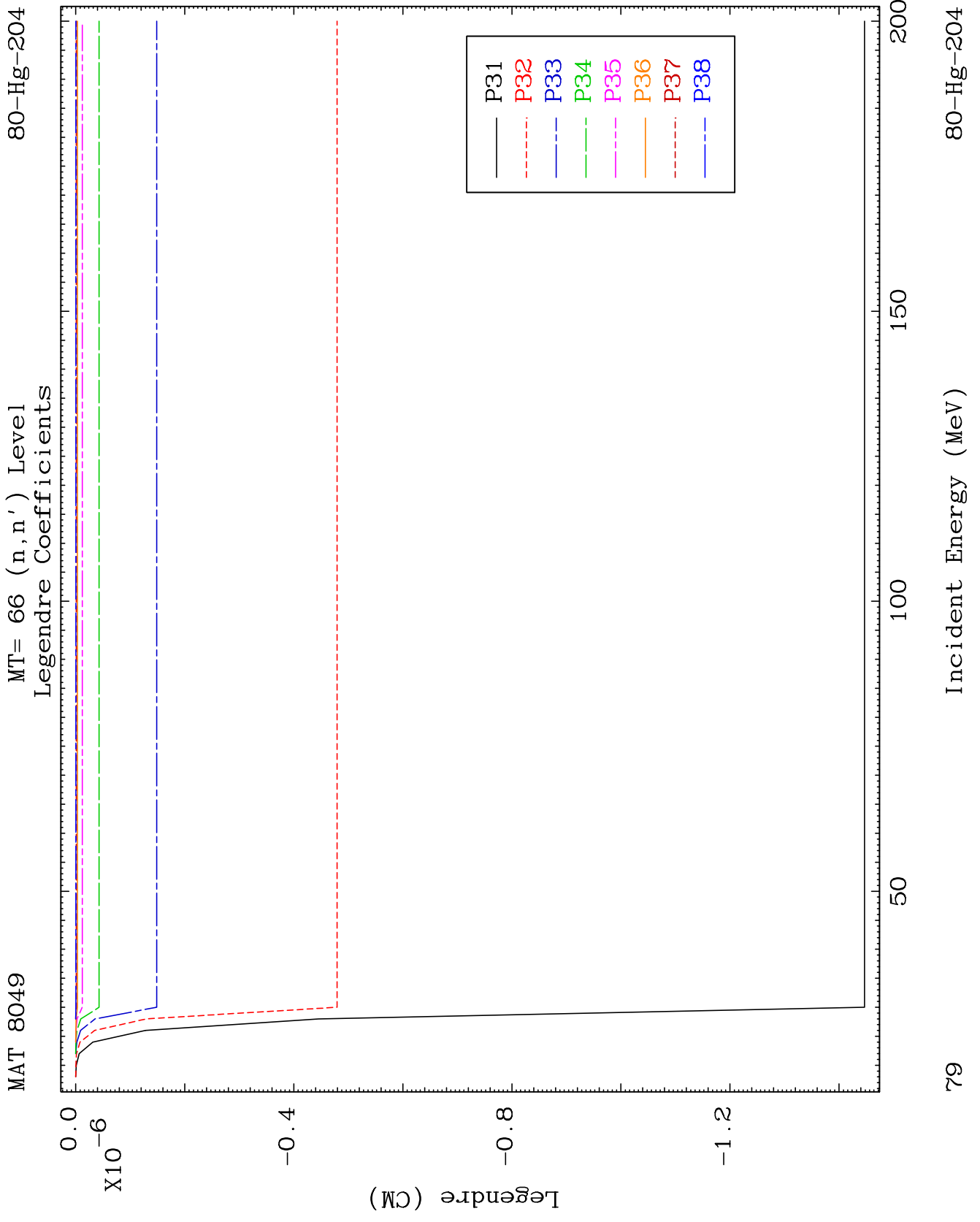
80-Hg-204

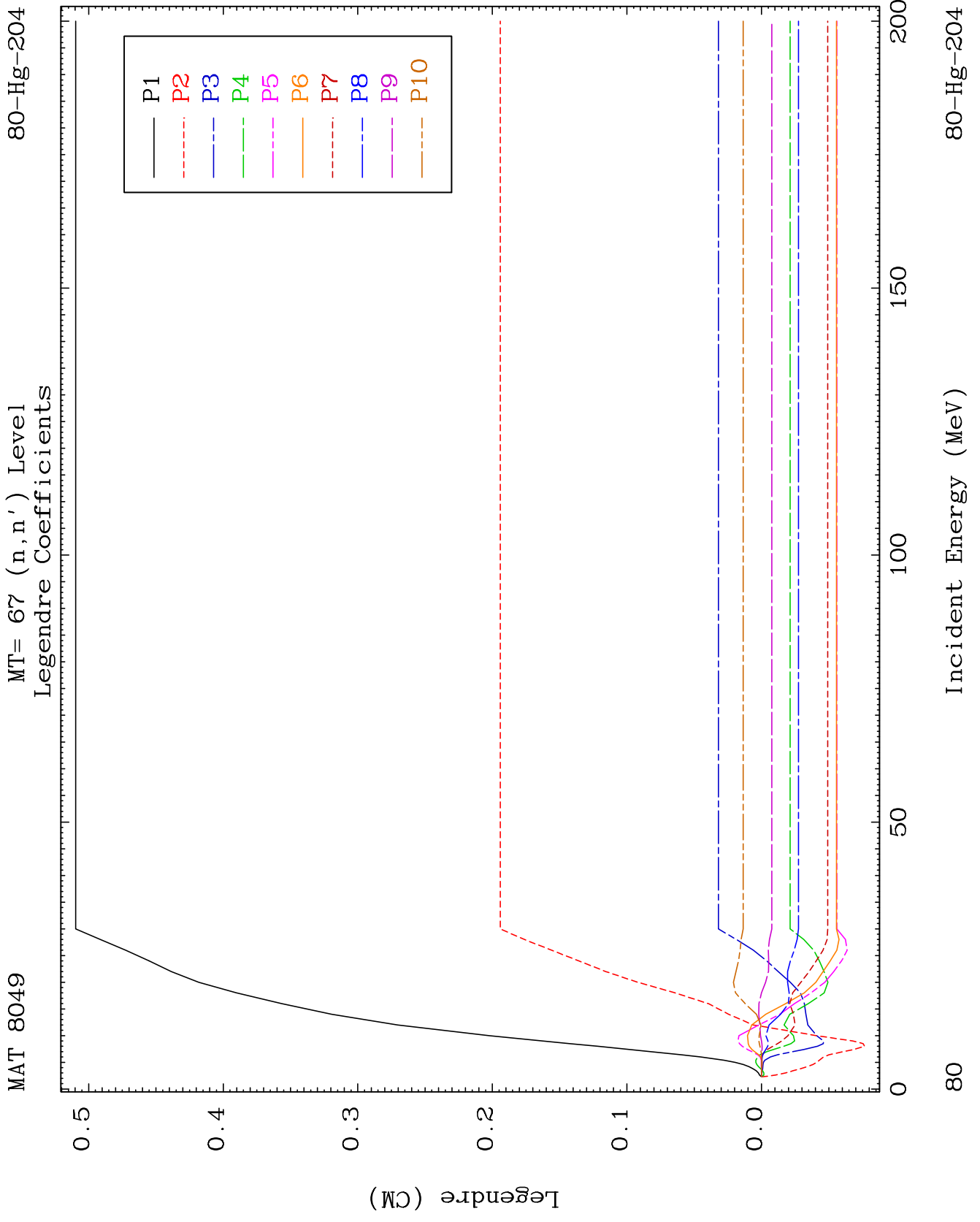


78

Incident Energy (MeV)

80-Hg-204

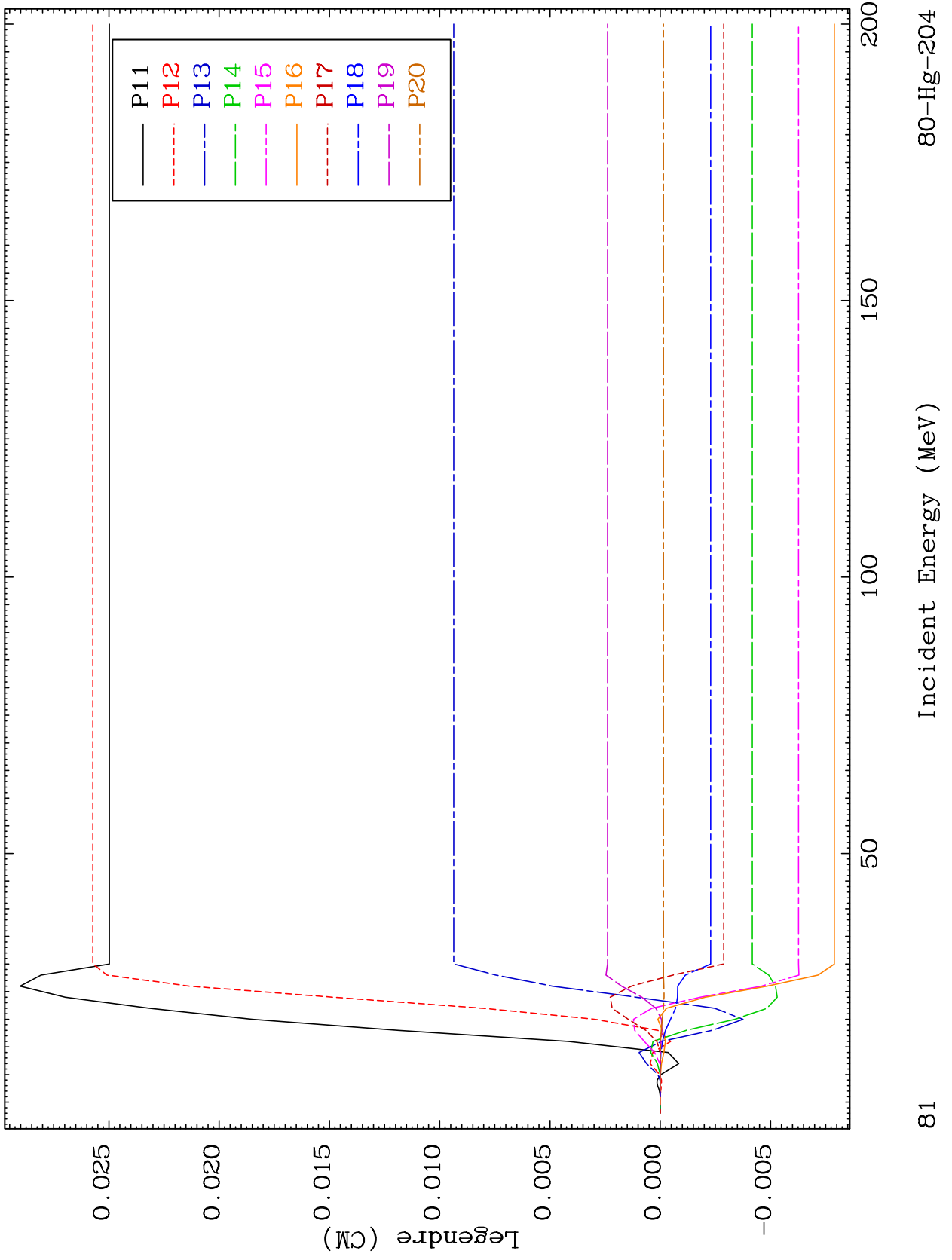




MAT 8049

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

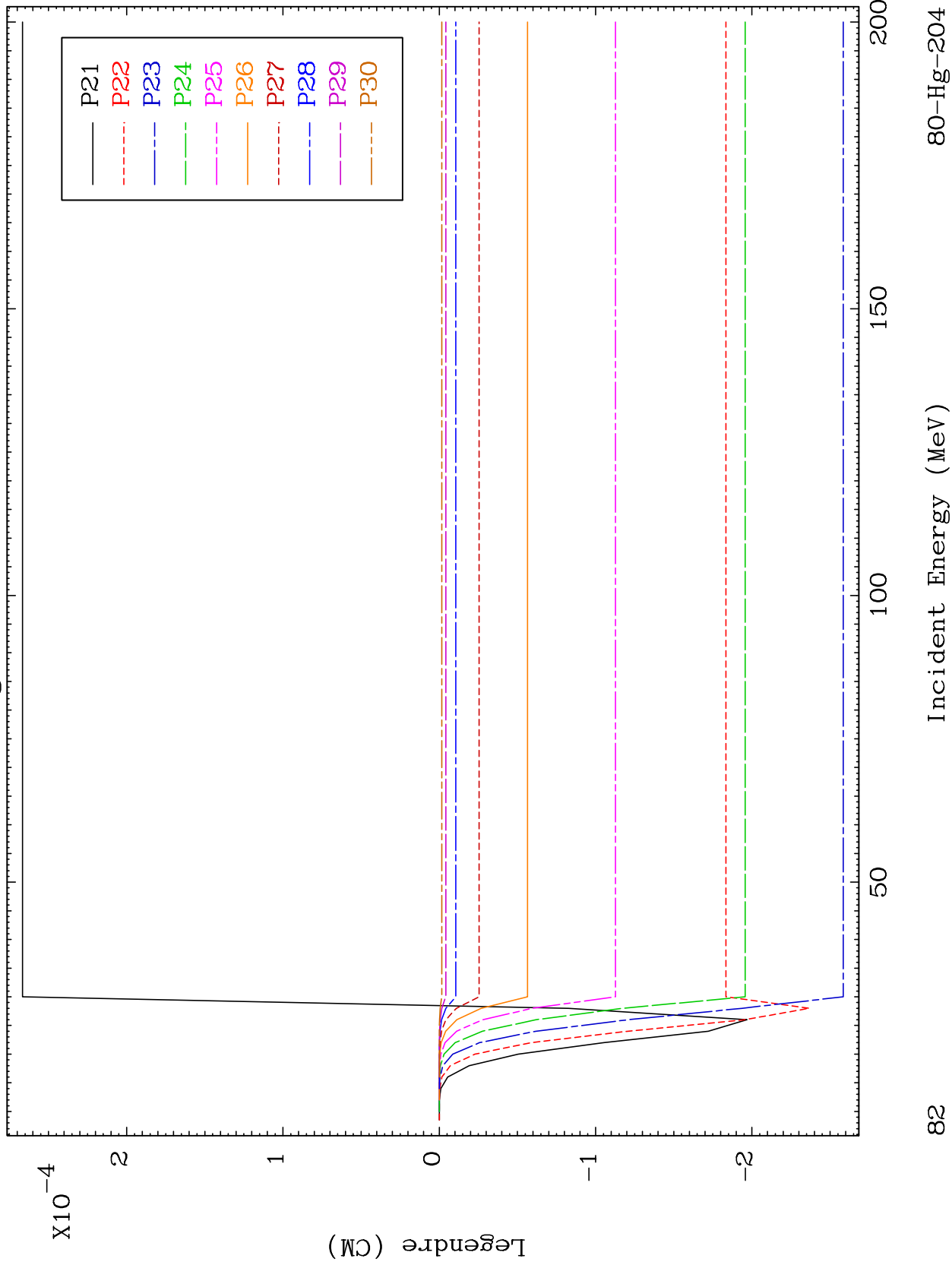
80-Hg-204



MAT 8049

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

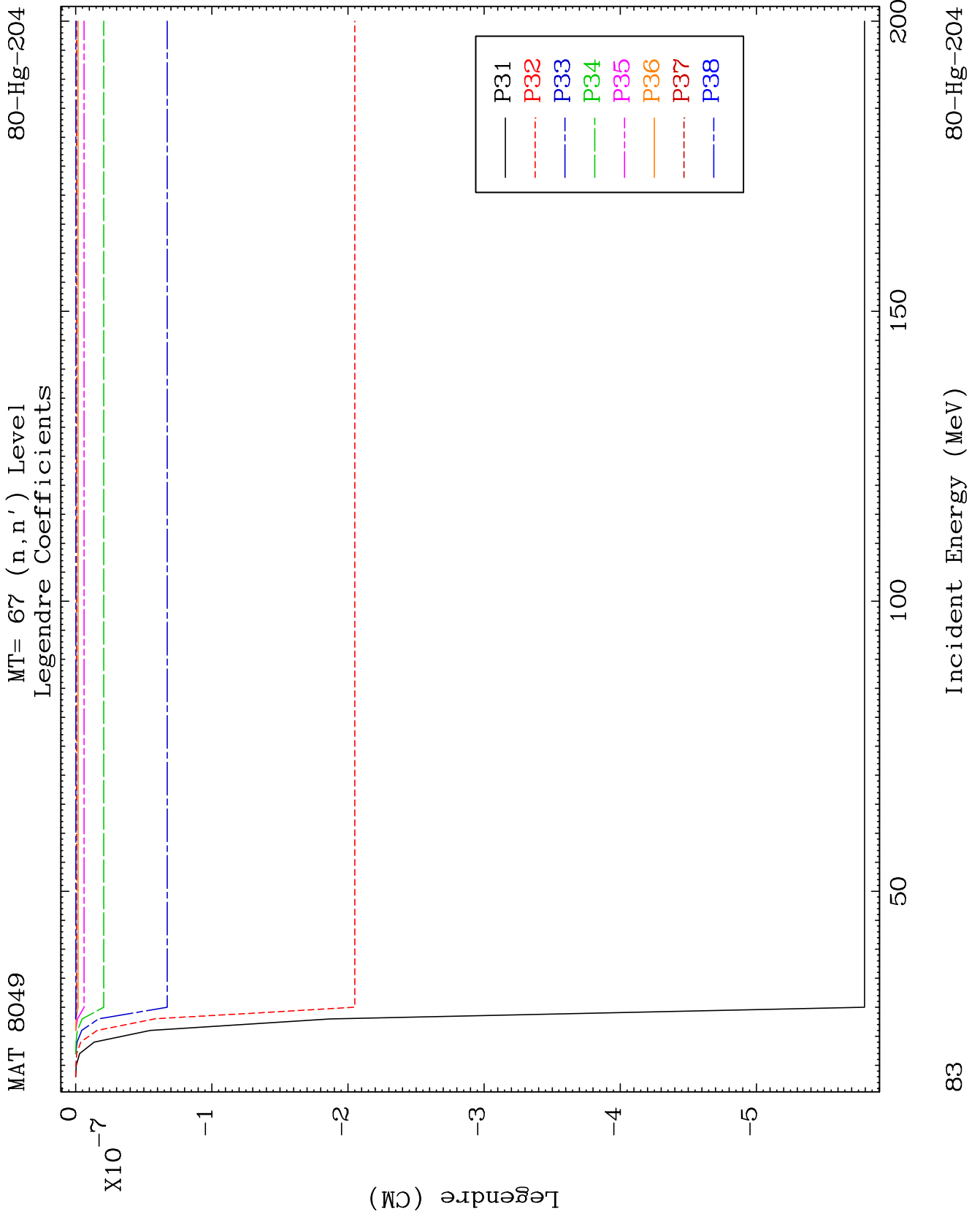
80-Hg-204

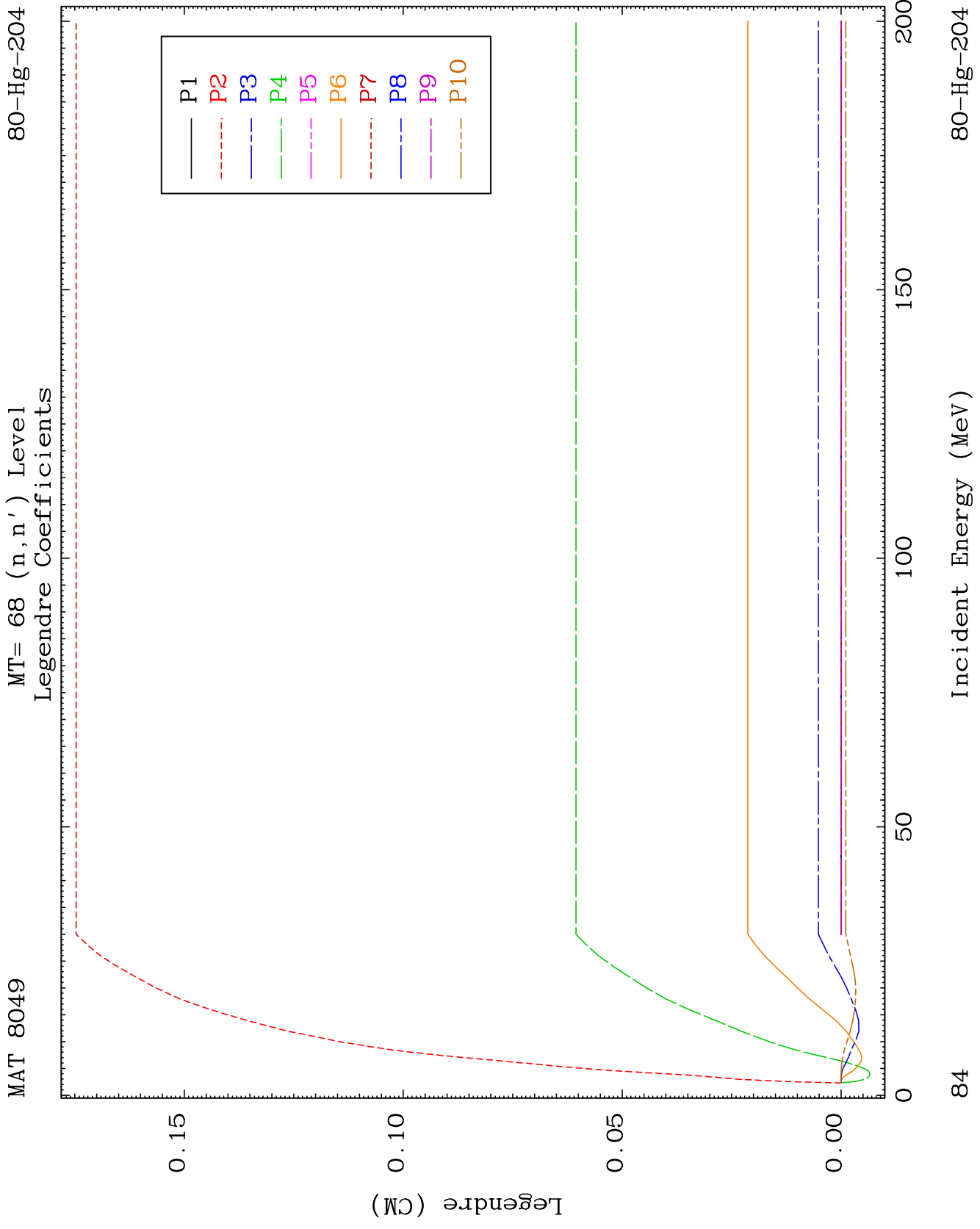


82

Incident Energy (MeV)

80-Hg-204

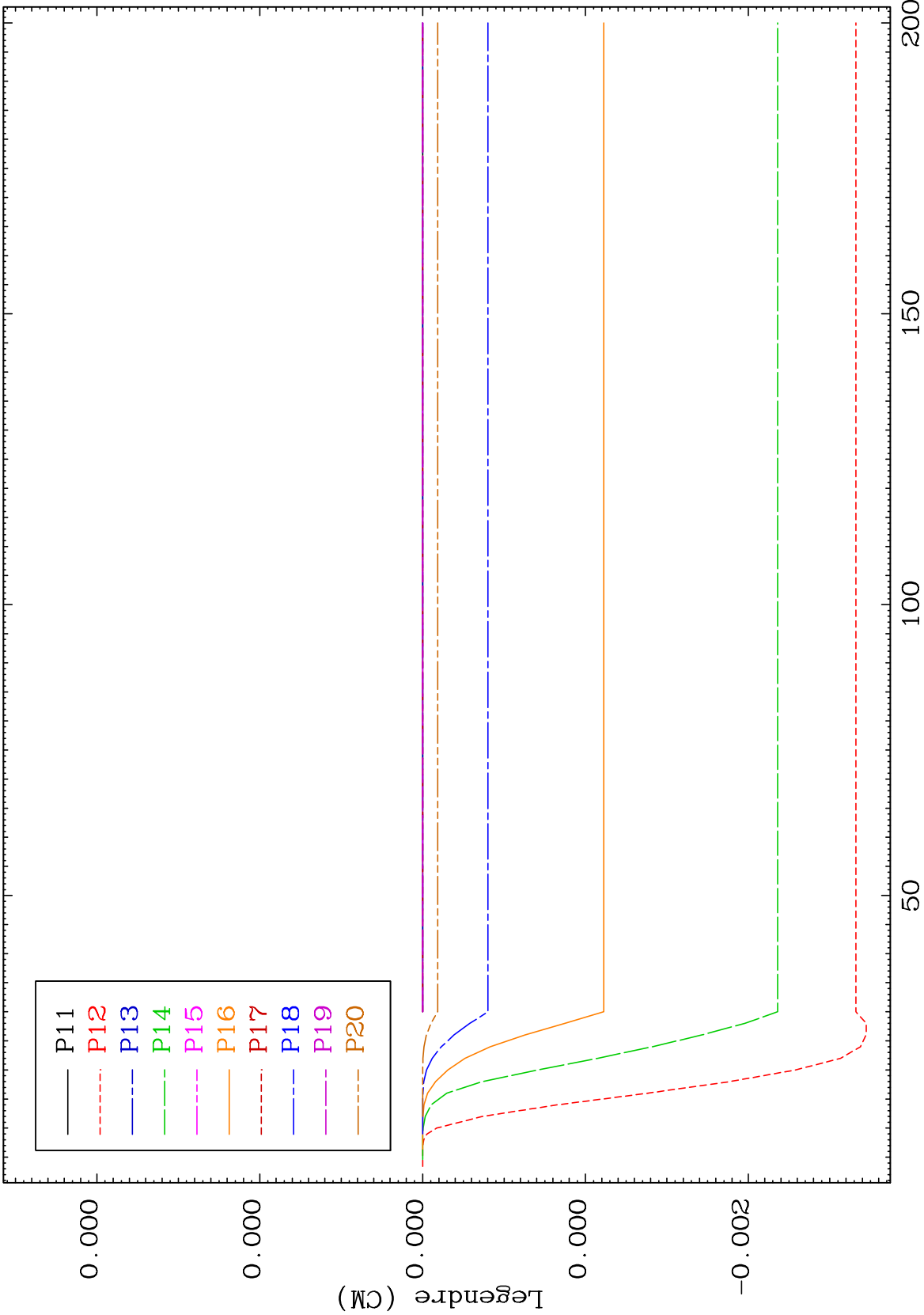




MAT 8049

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

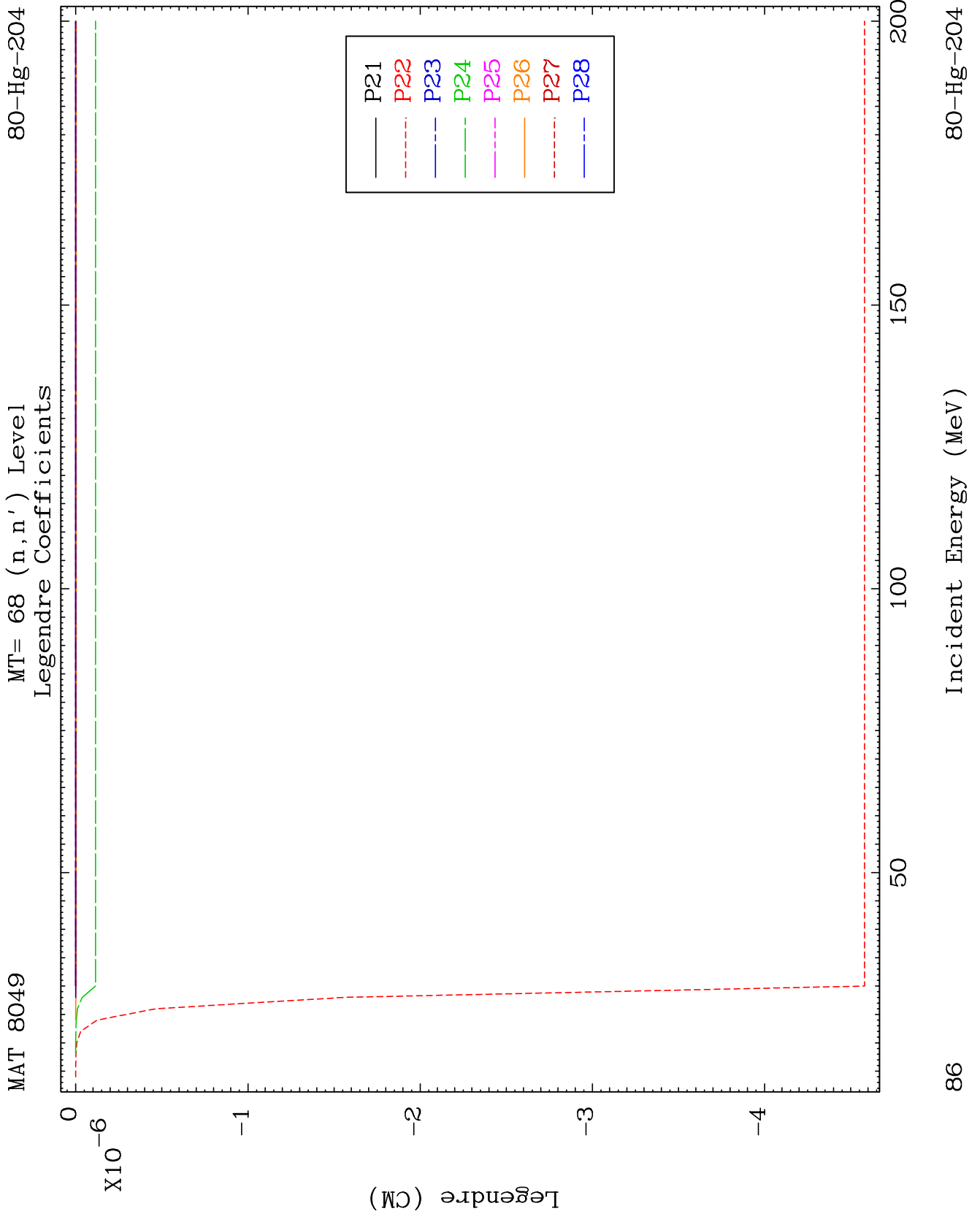
80-Hg-204

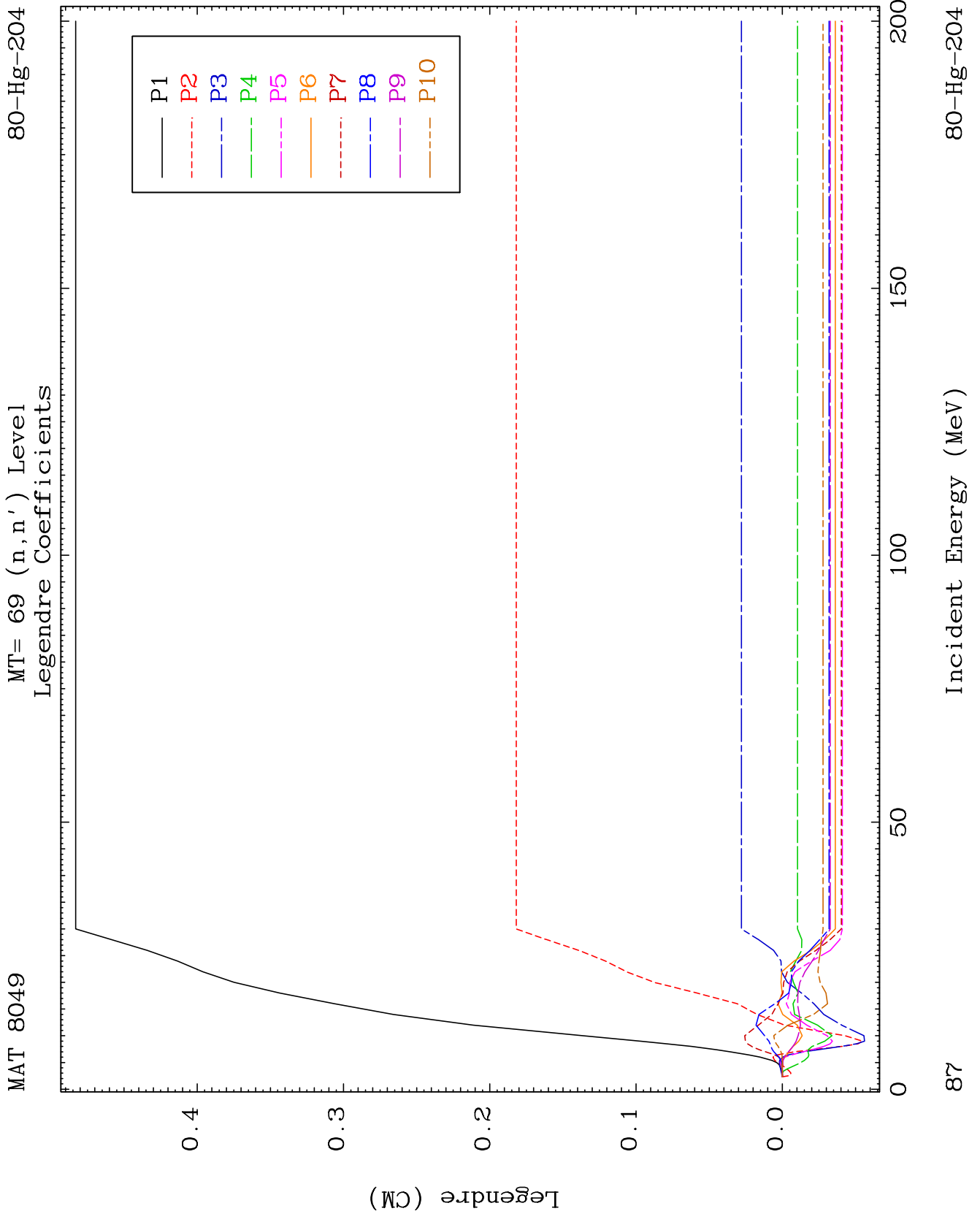


85

Incident Energy (MeV)

80-Hg-204

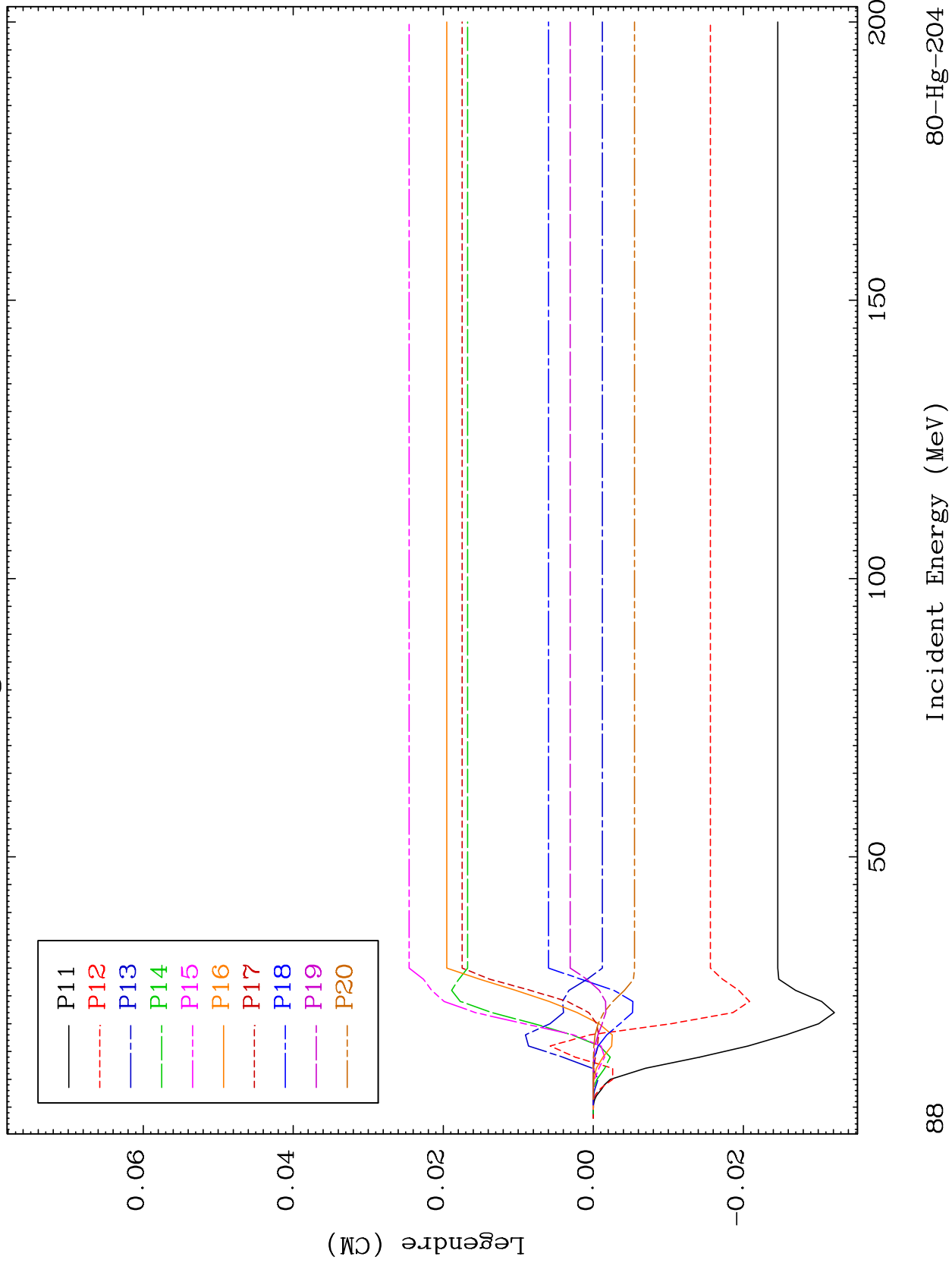




MAT 8049

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

80-Hg-204



88

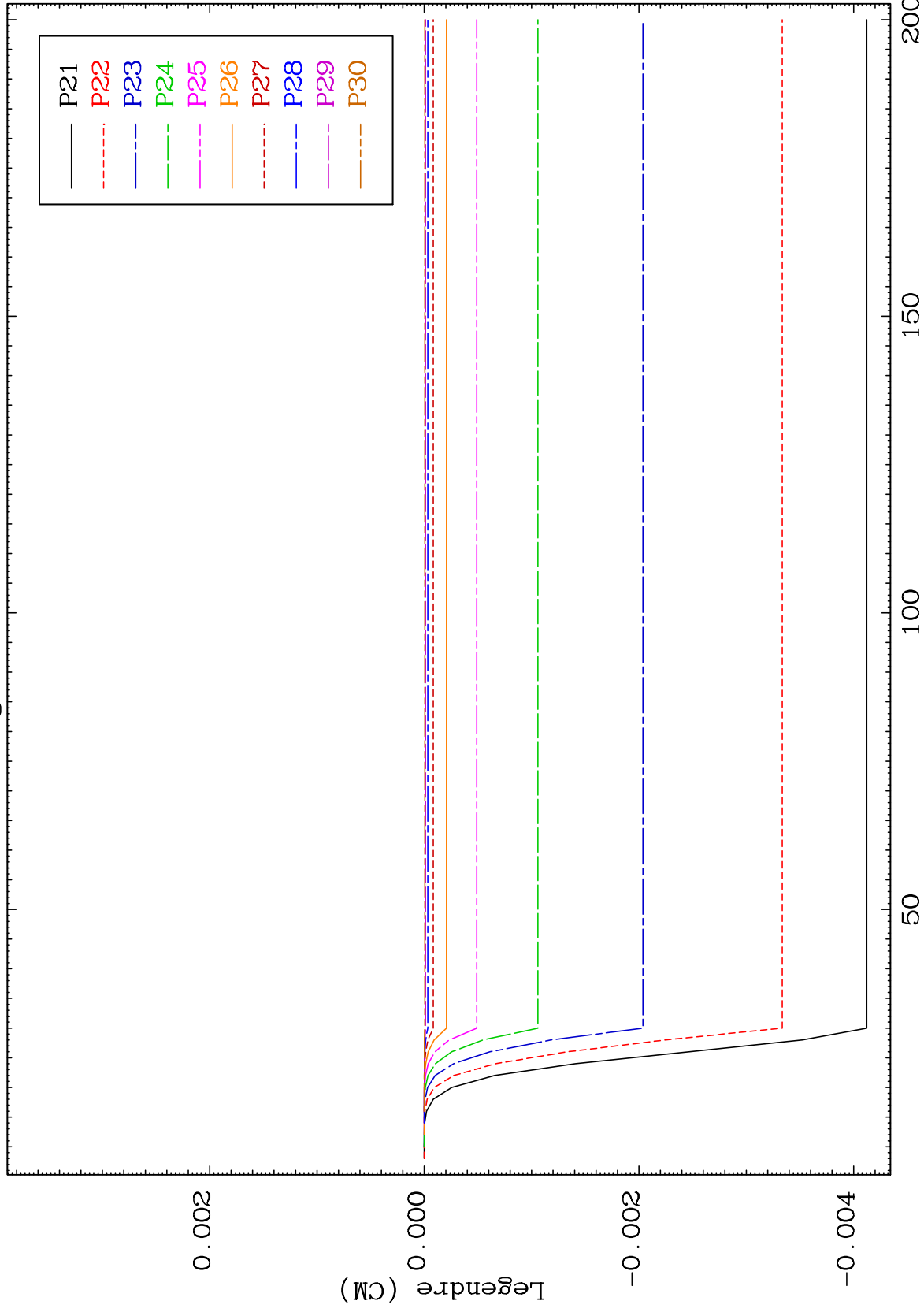
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

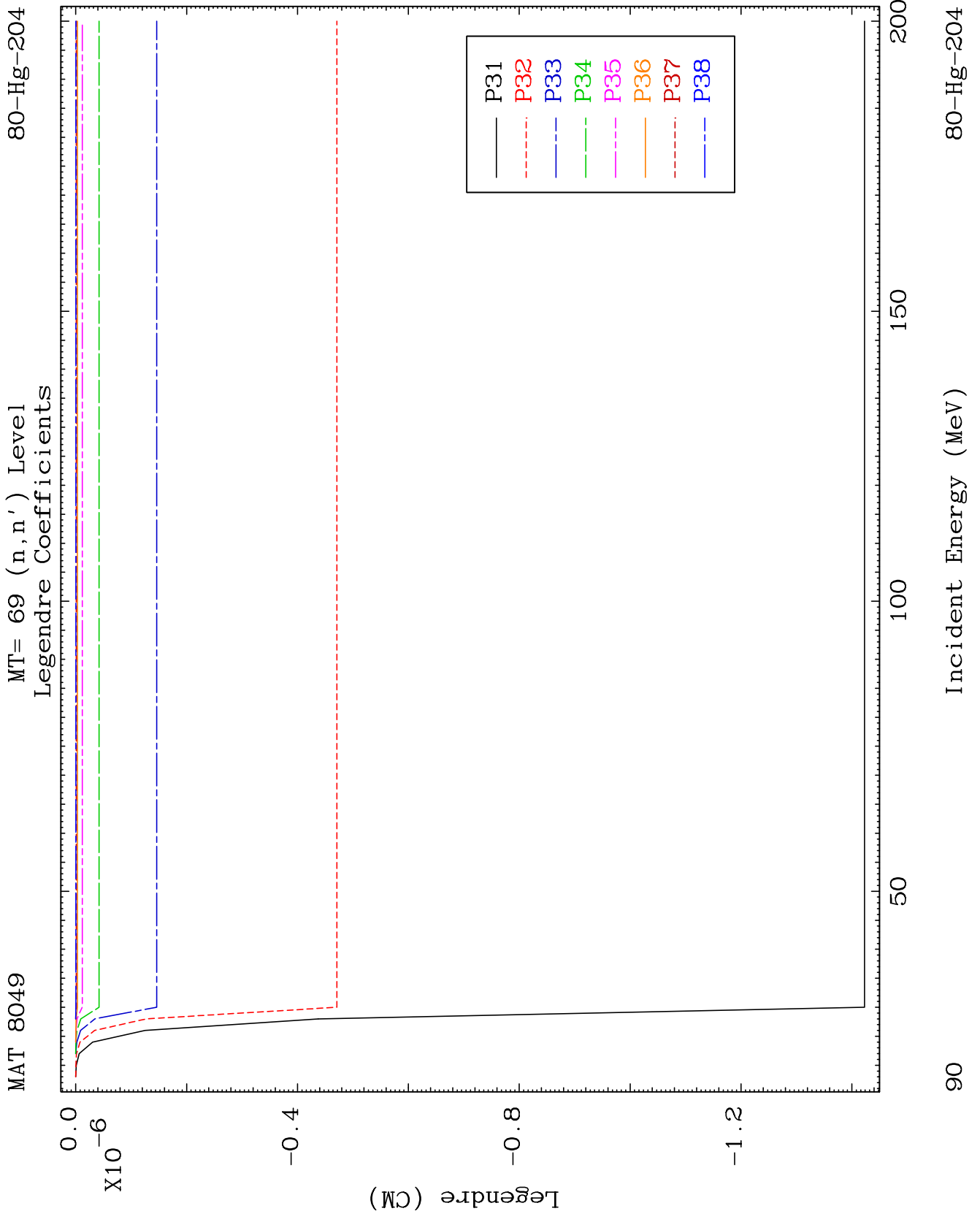
80-Hg-204

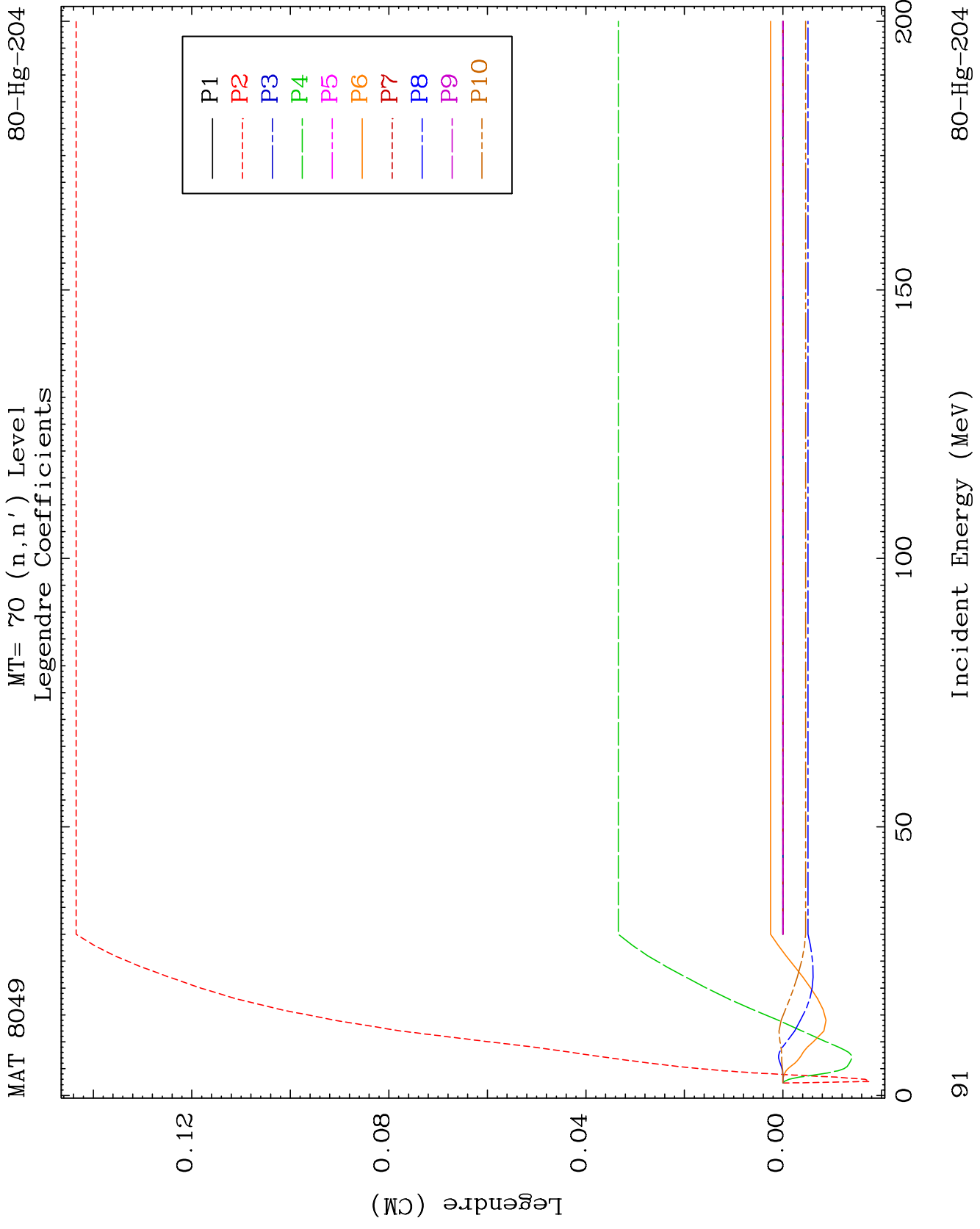


89

Incident Energy (MeV)

80-Hg-204

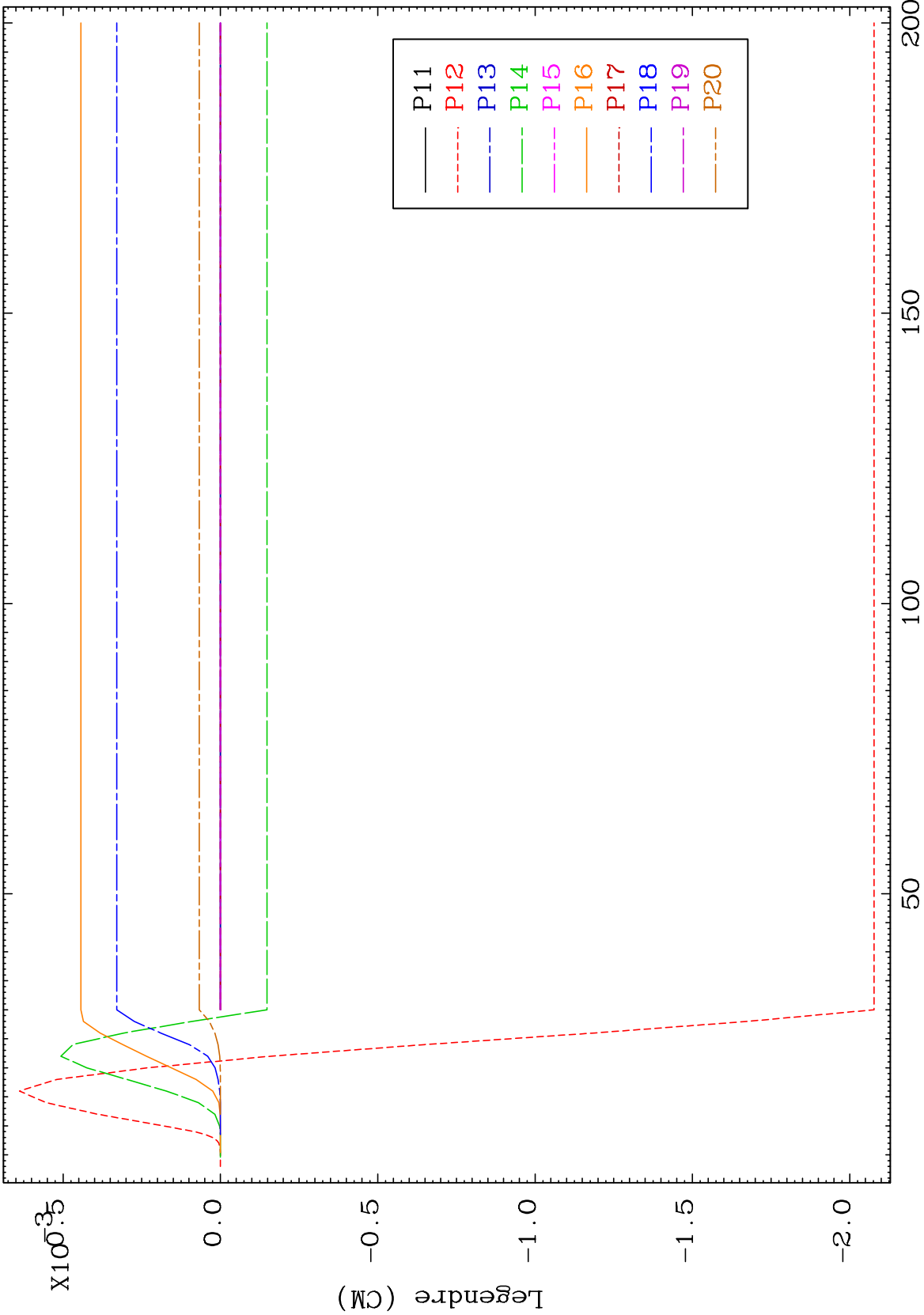




MAT 8049

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

80-Hg-204



92

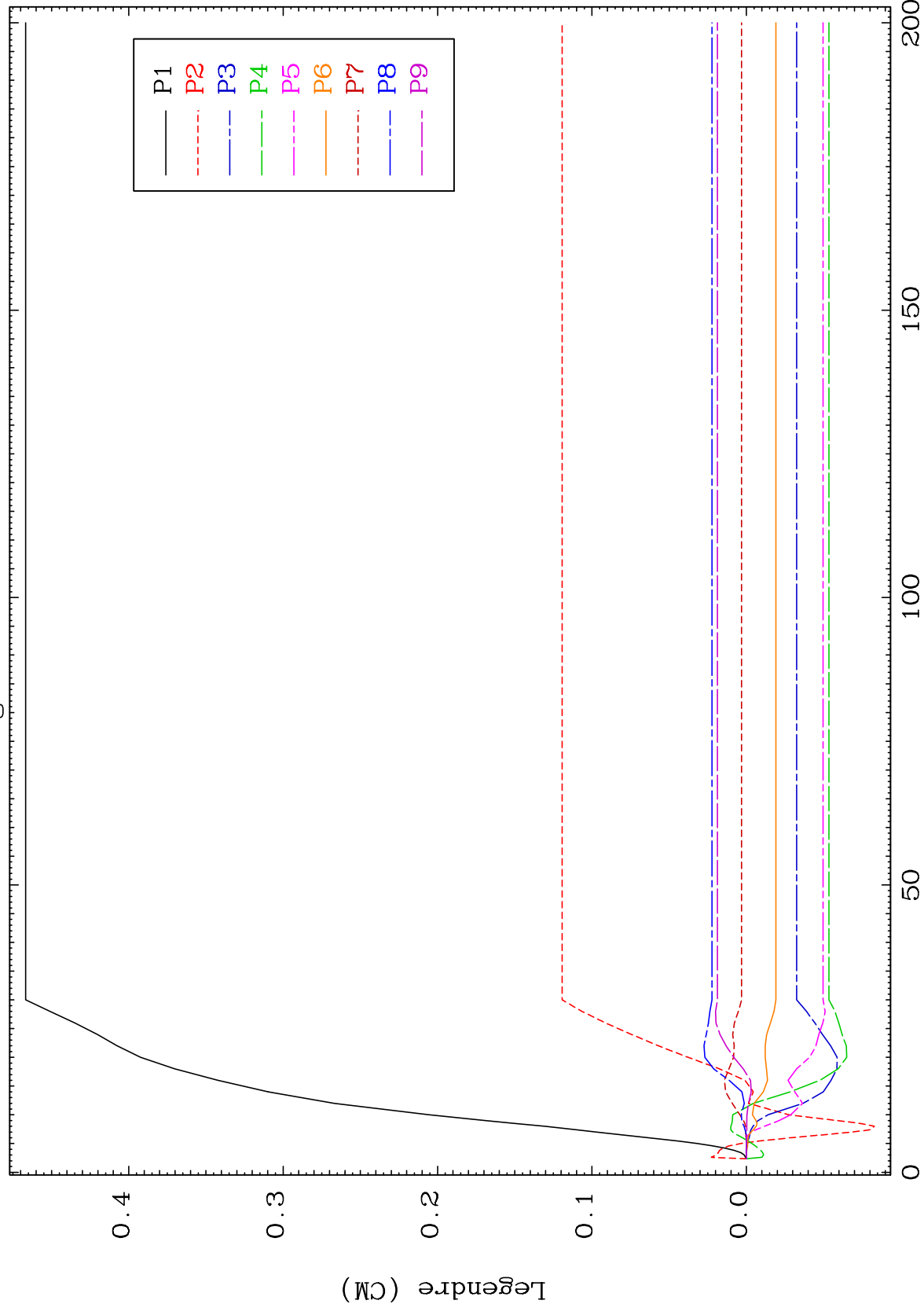
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



94

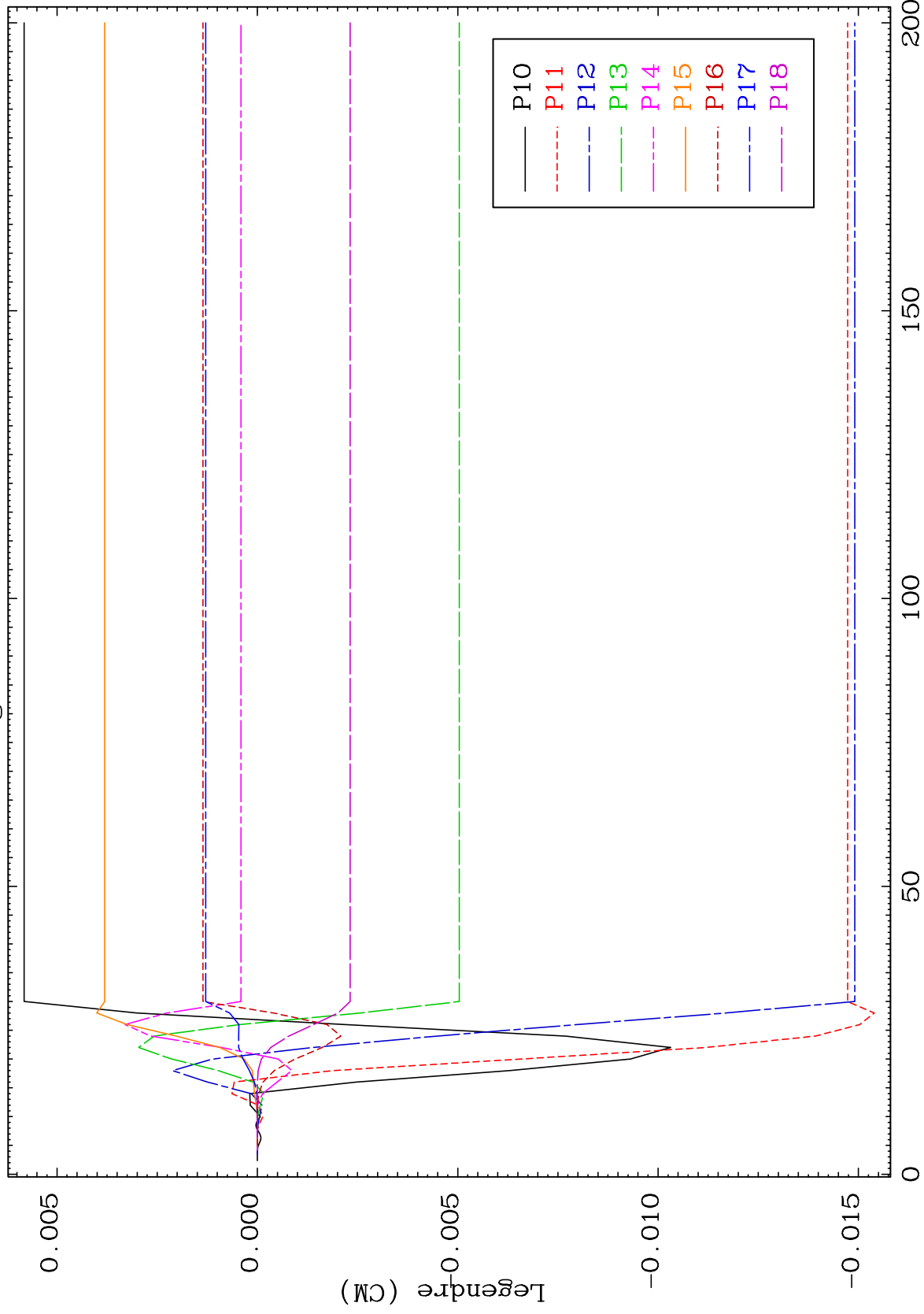
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

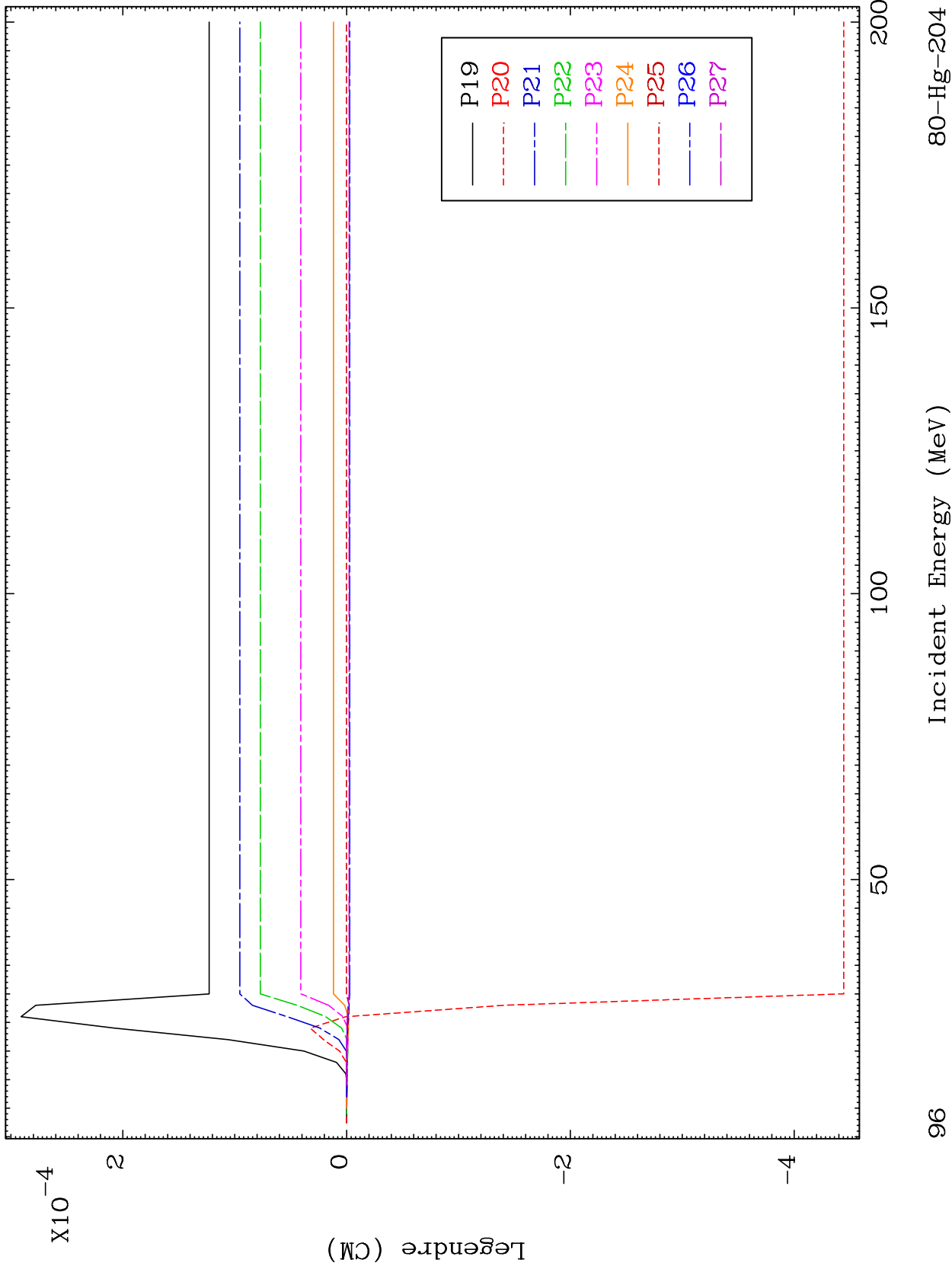
80-Hg-204

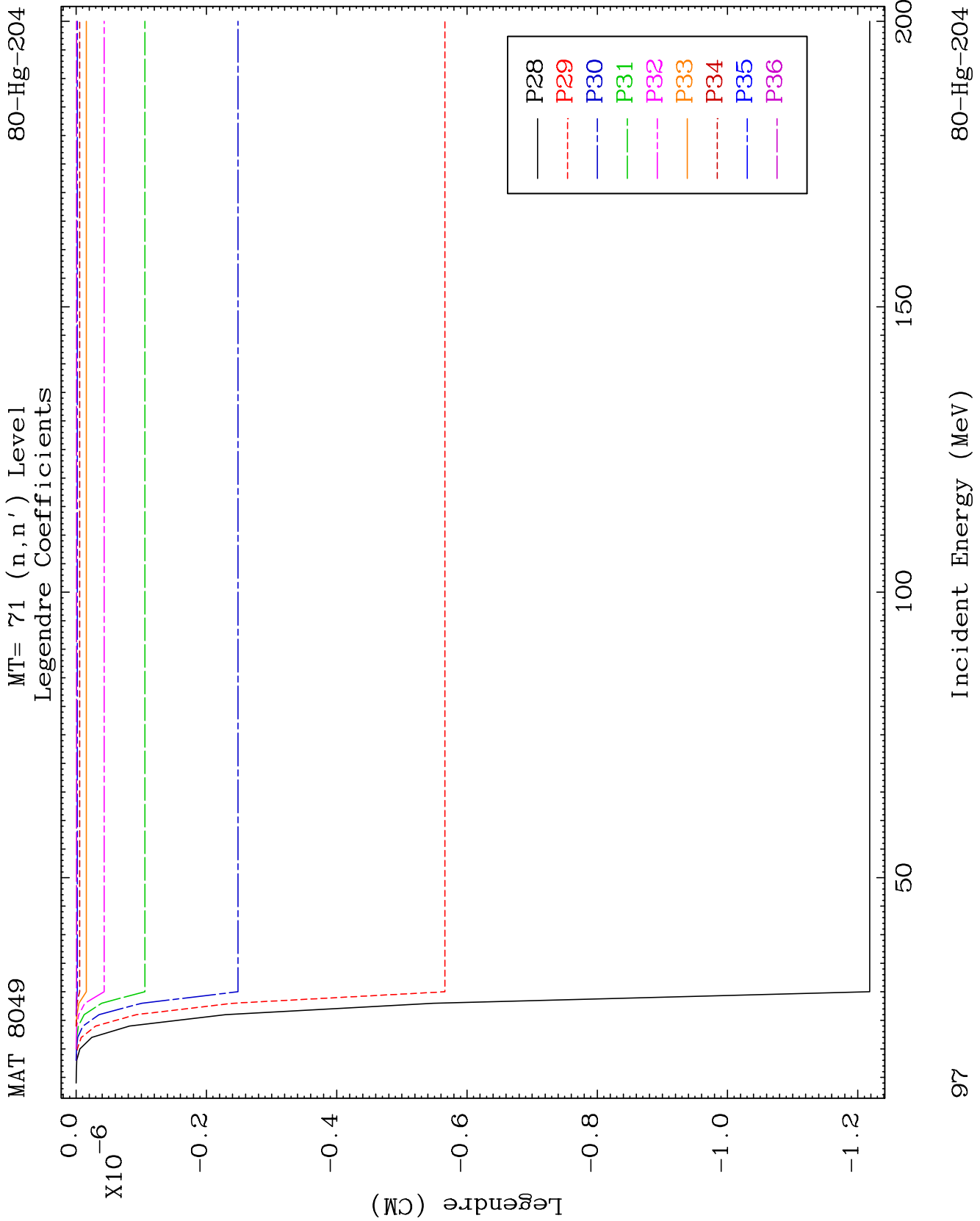


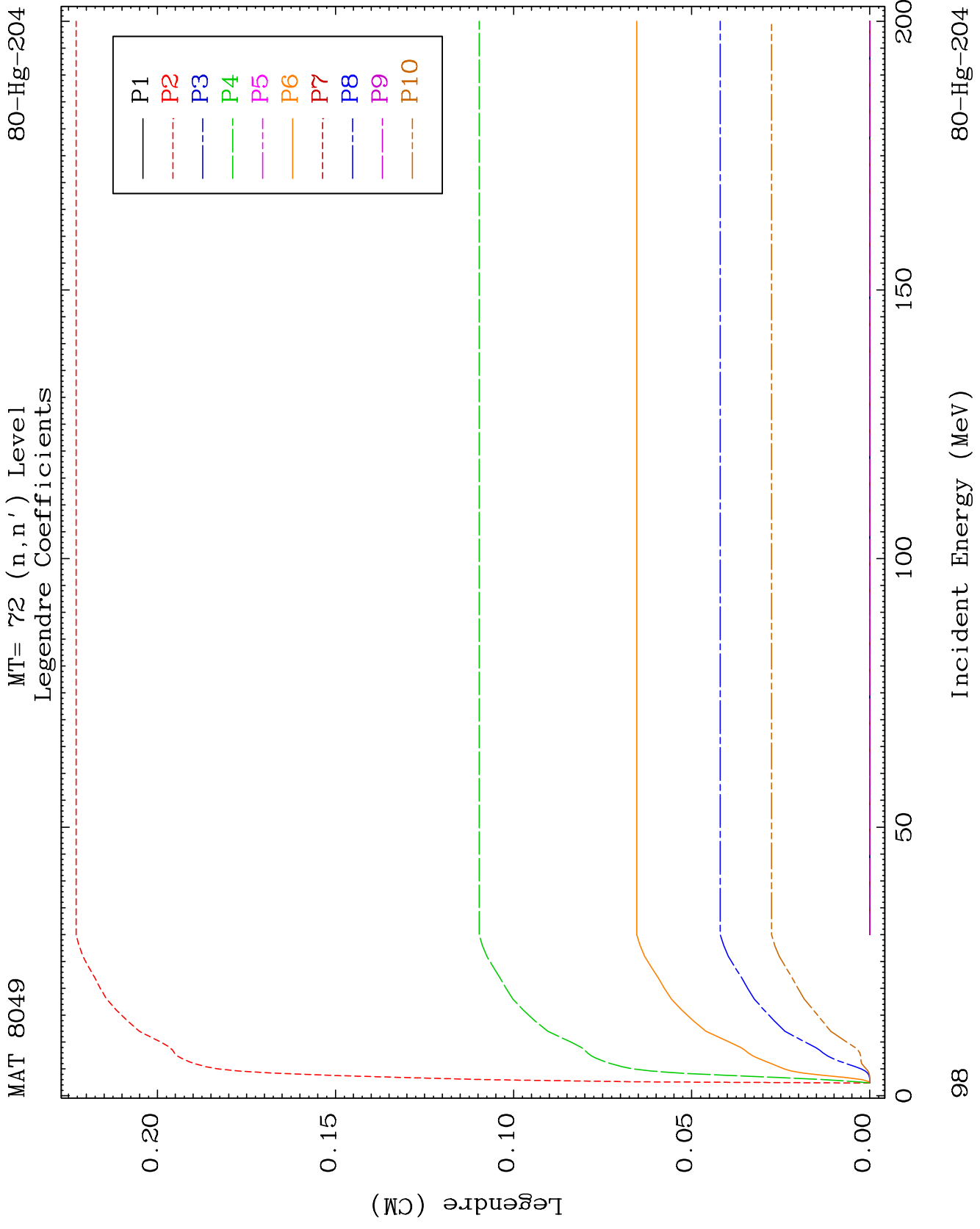
95

Incident Energy (MeV)

80-Hg-204



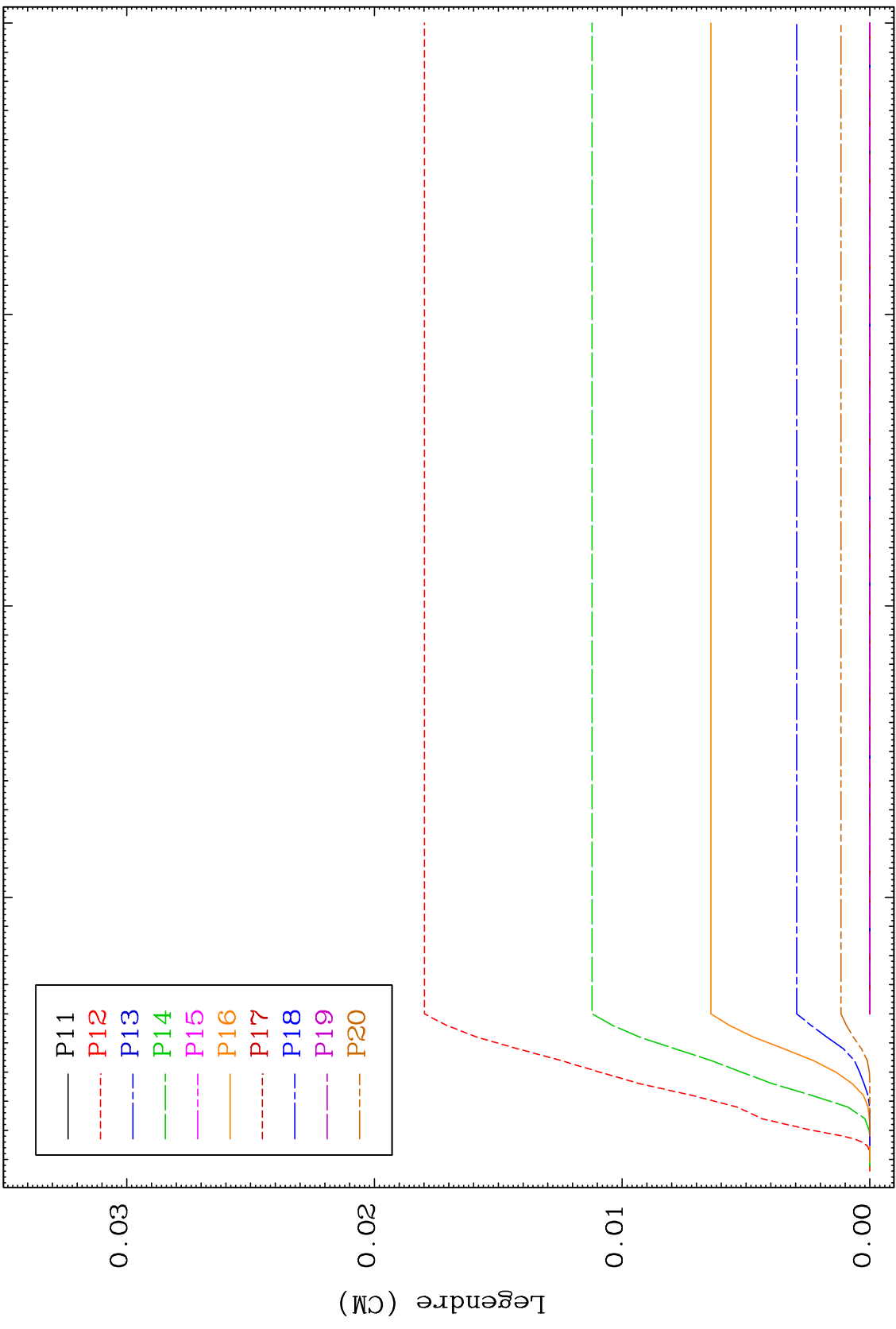




MAT 8049

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

80-Hg-204



99

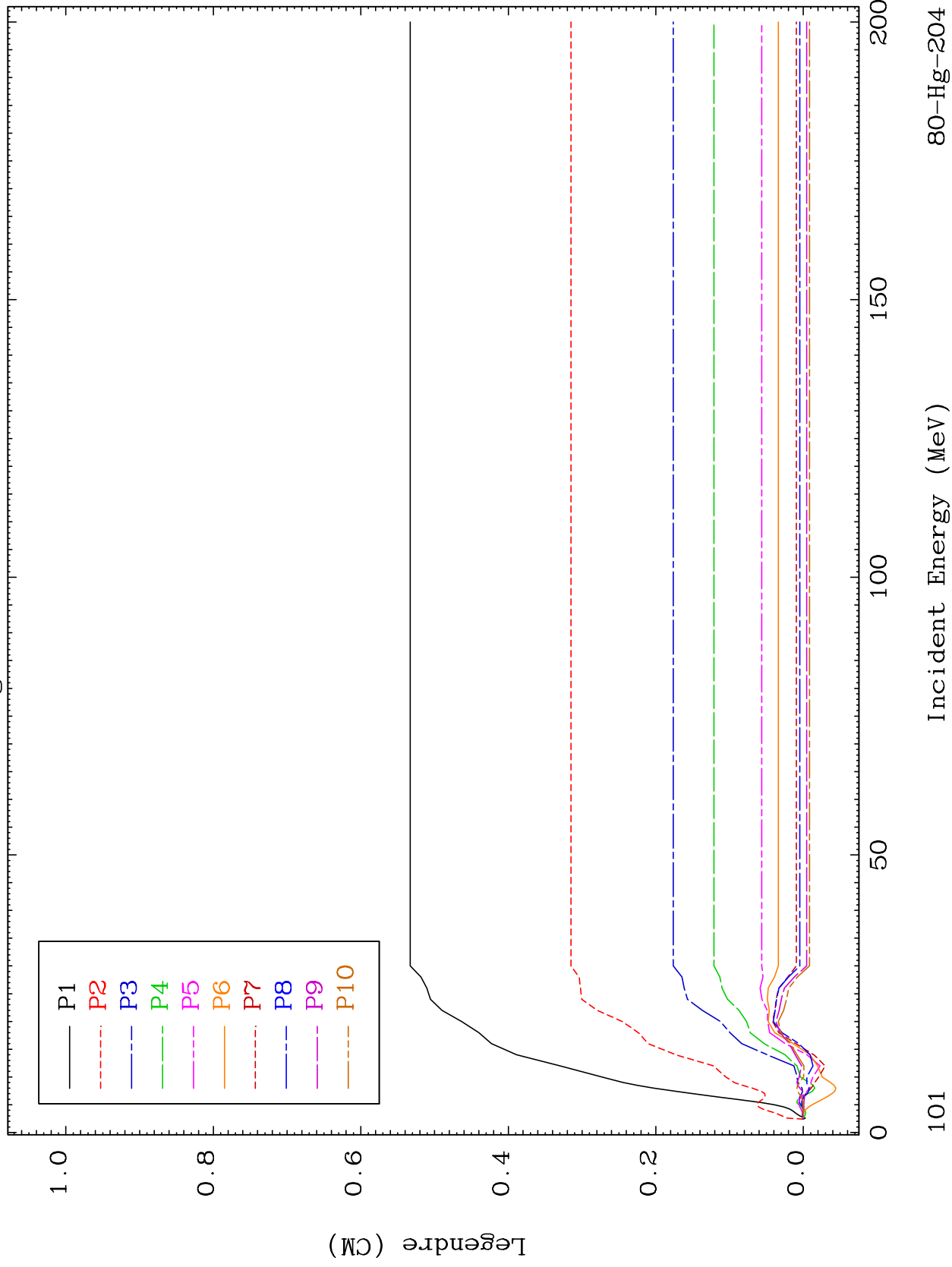
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

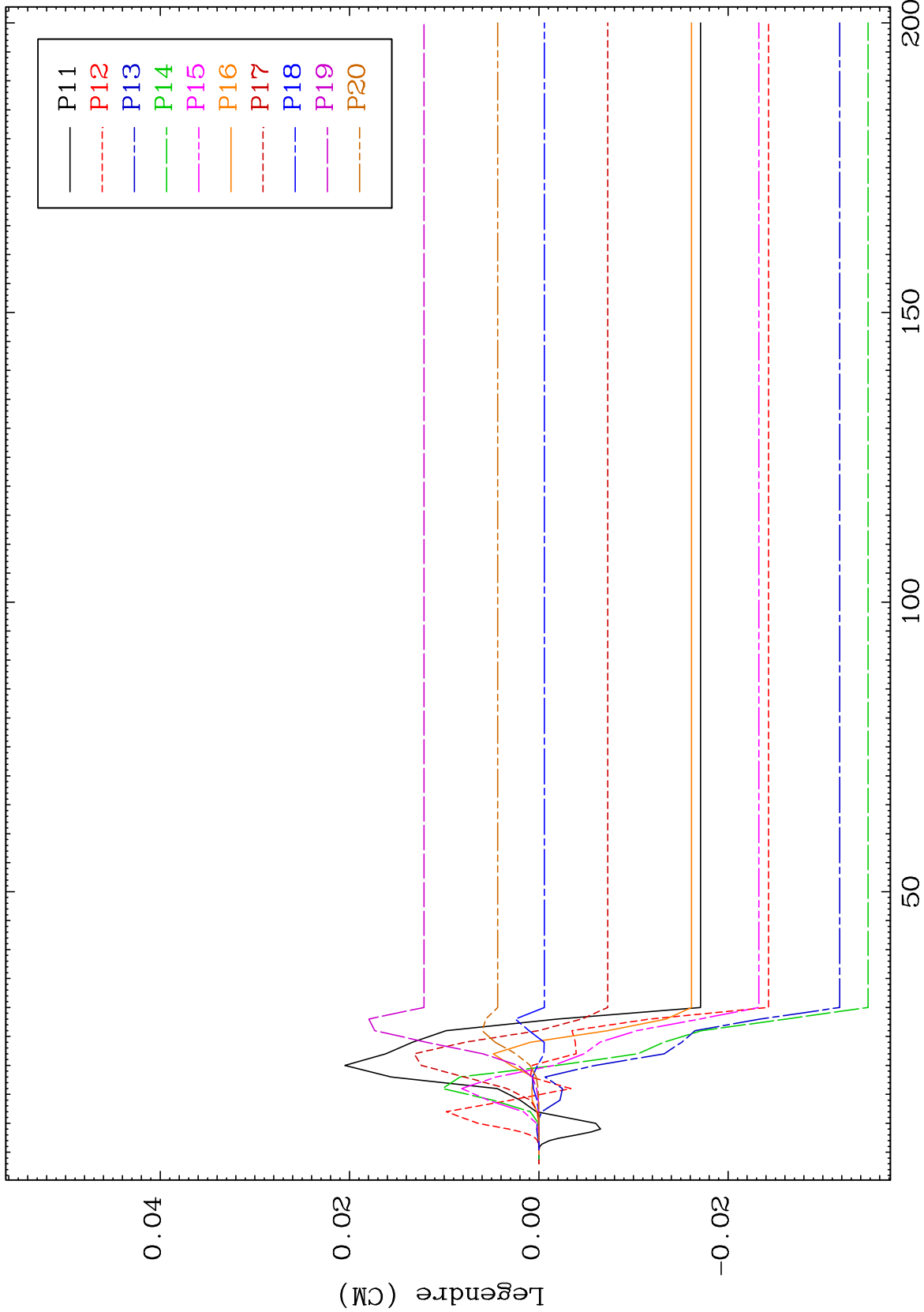
80-Hg-204



MAT 8049

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

80-Hg-204



102

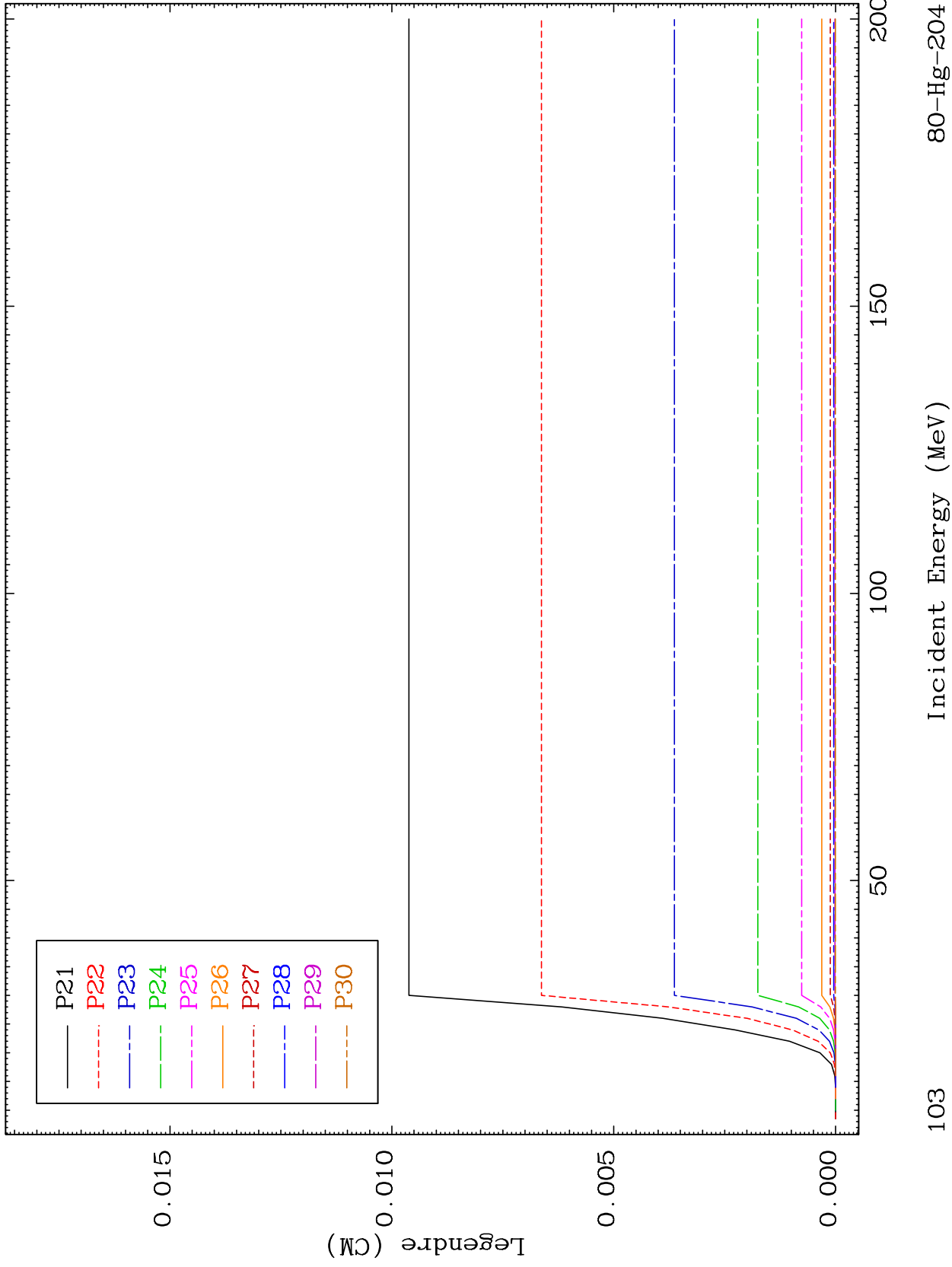
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

80-Hg-204



103

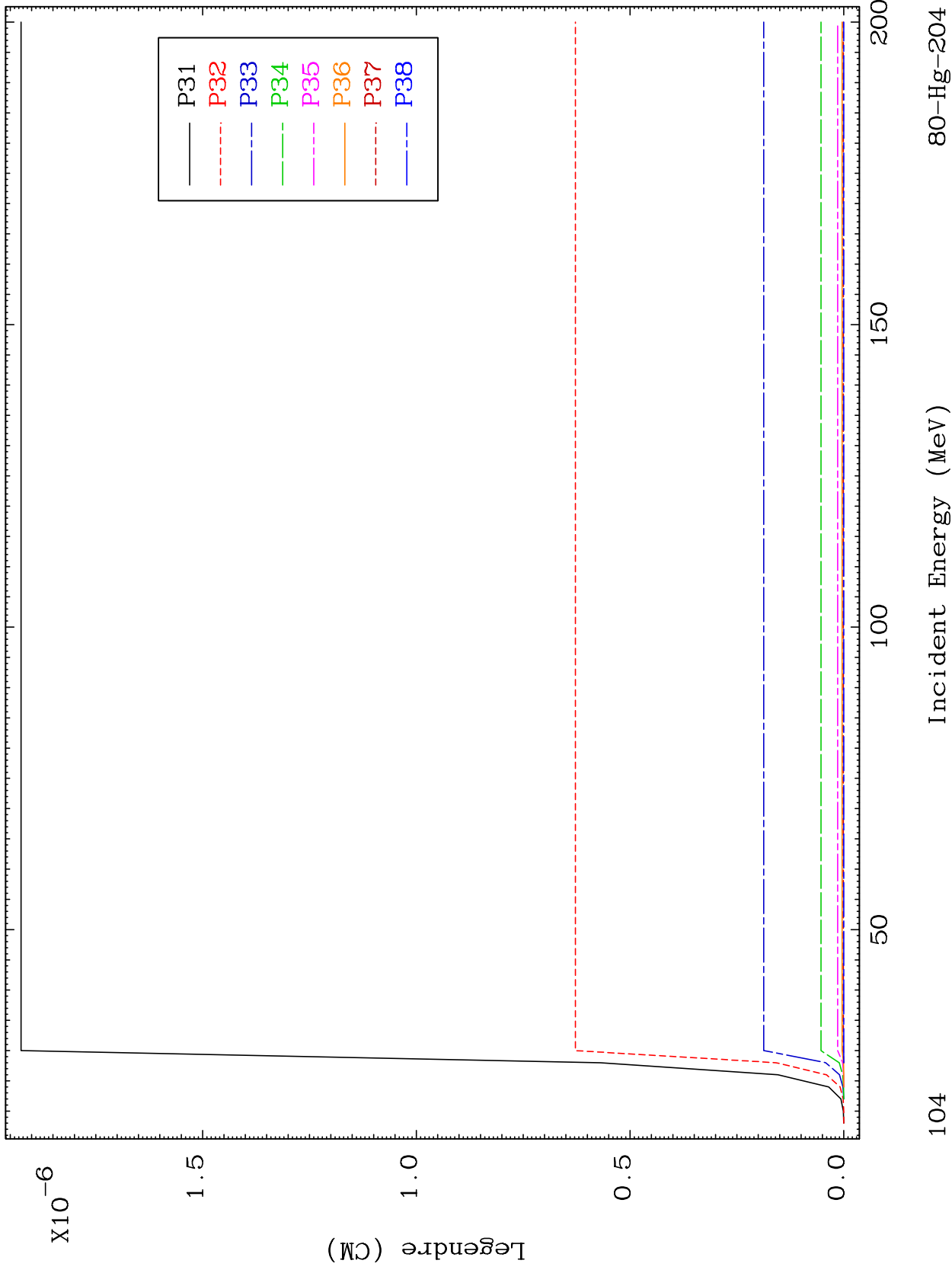
Incident Energy (MeV)

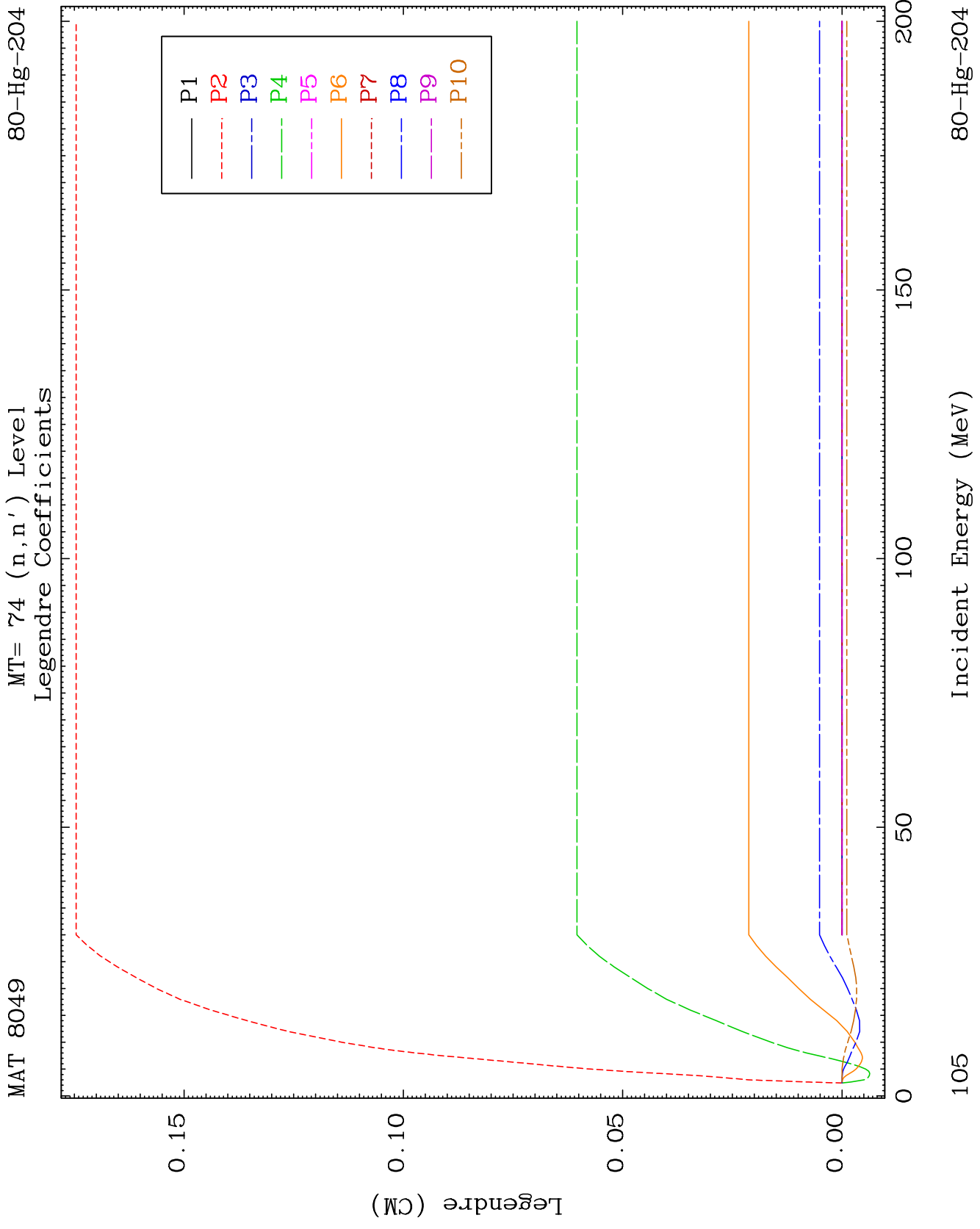
80-Hg-204

MAT 8049

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

80-Hg-204

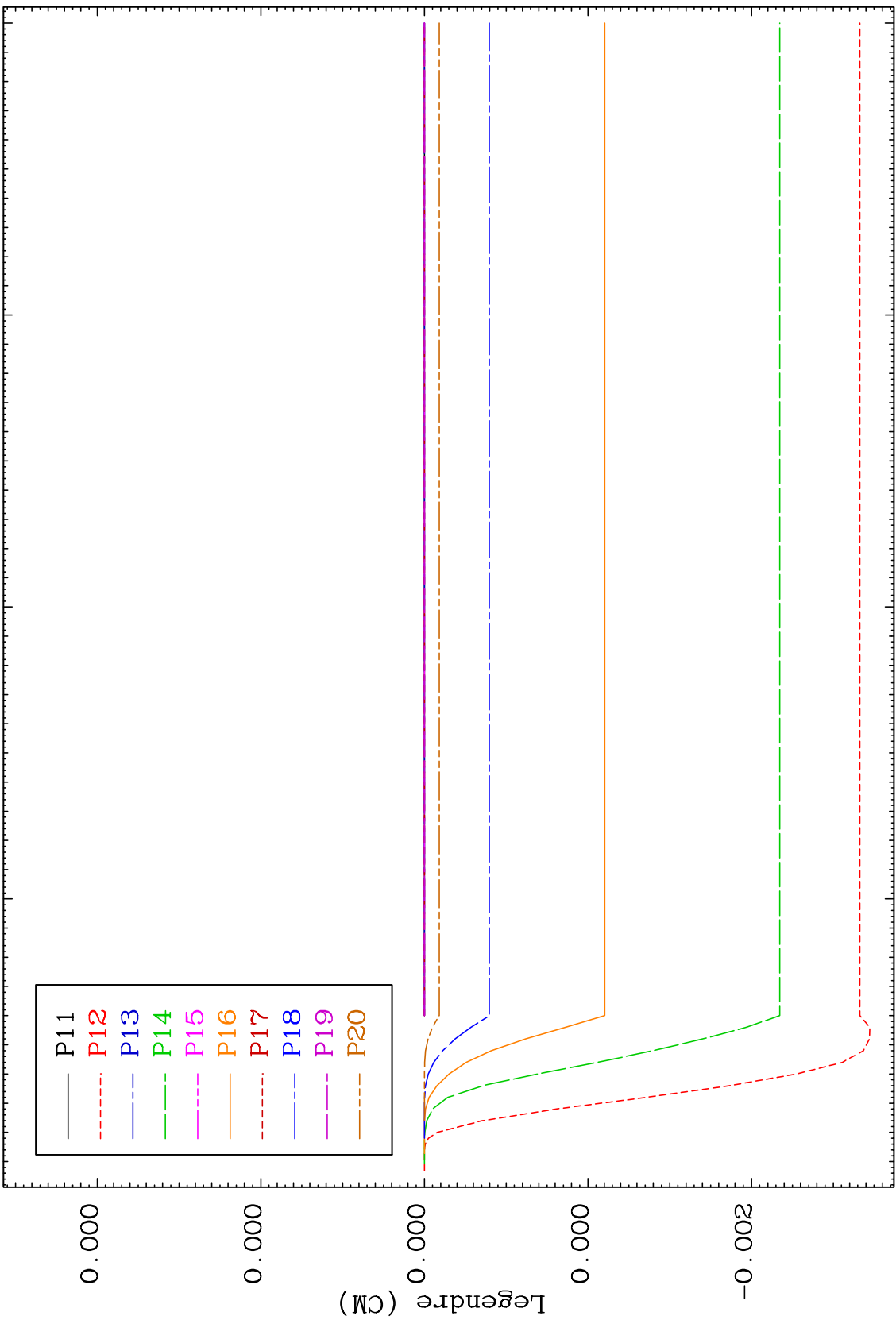




MAT 8049

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

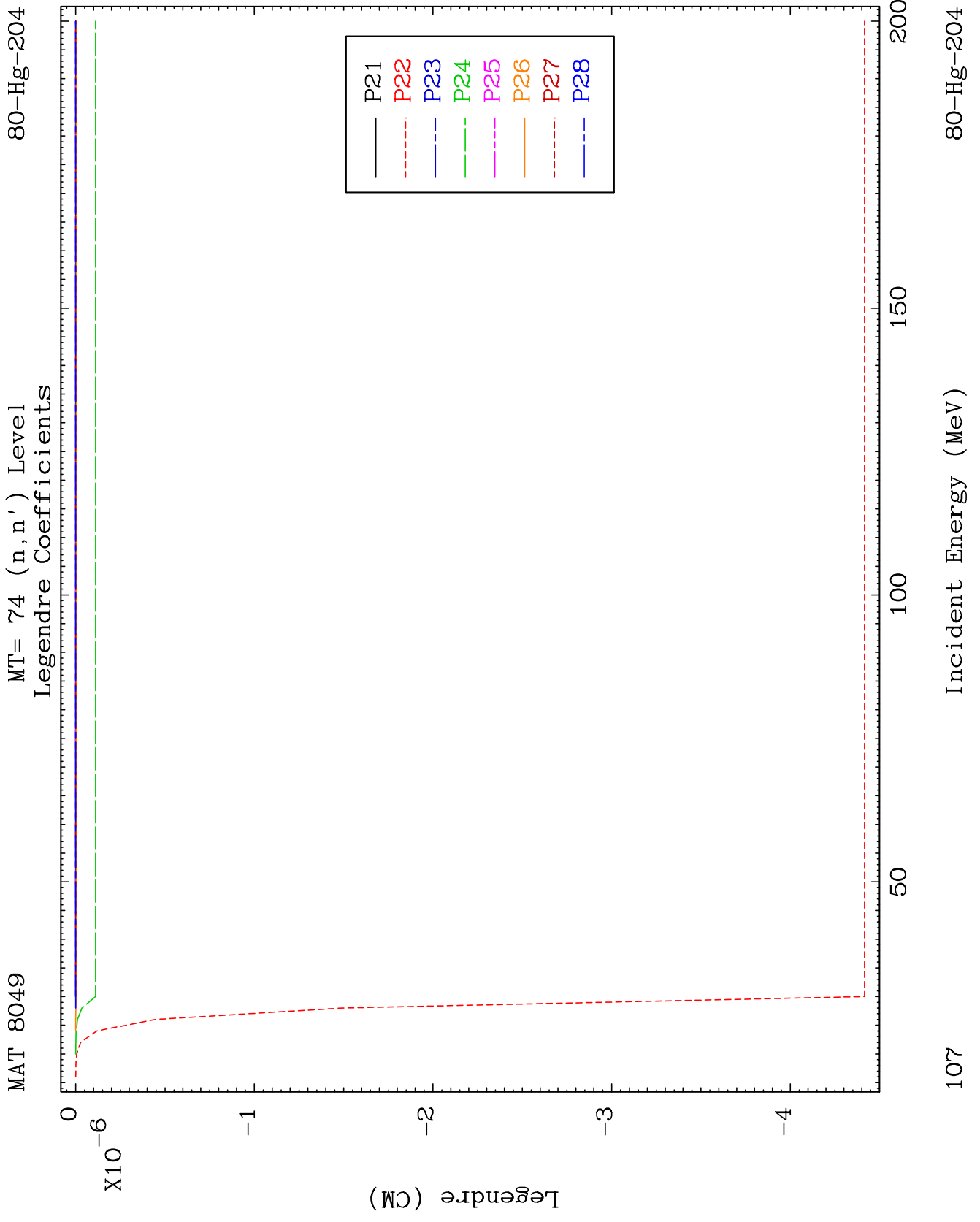
80-Hg-204



106

80-Hg-204

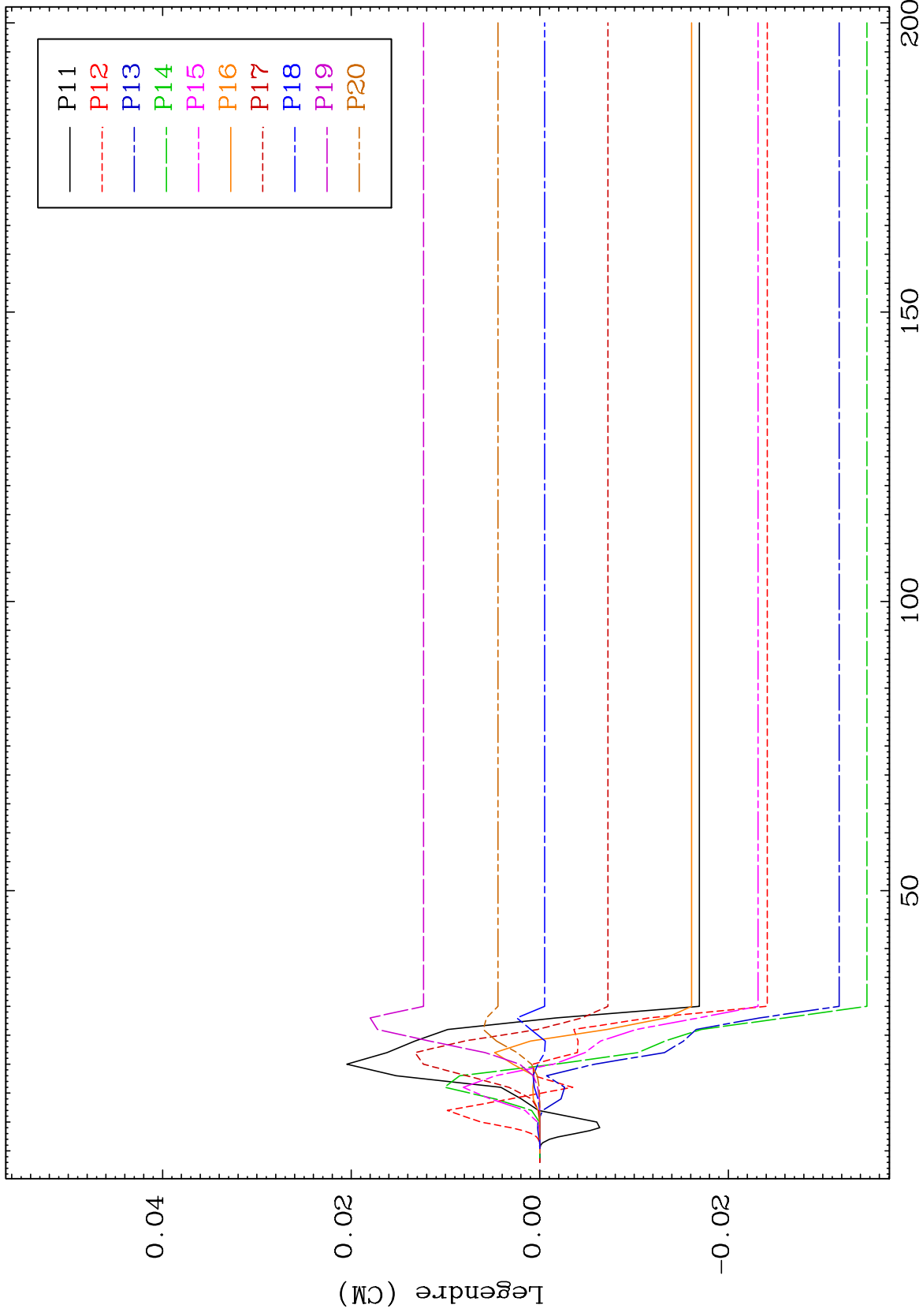
80-Hg-204



MAT 8049

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

80-Hg-204



109

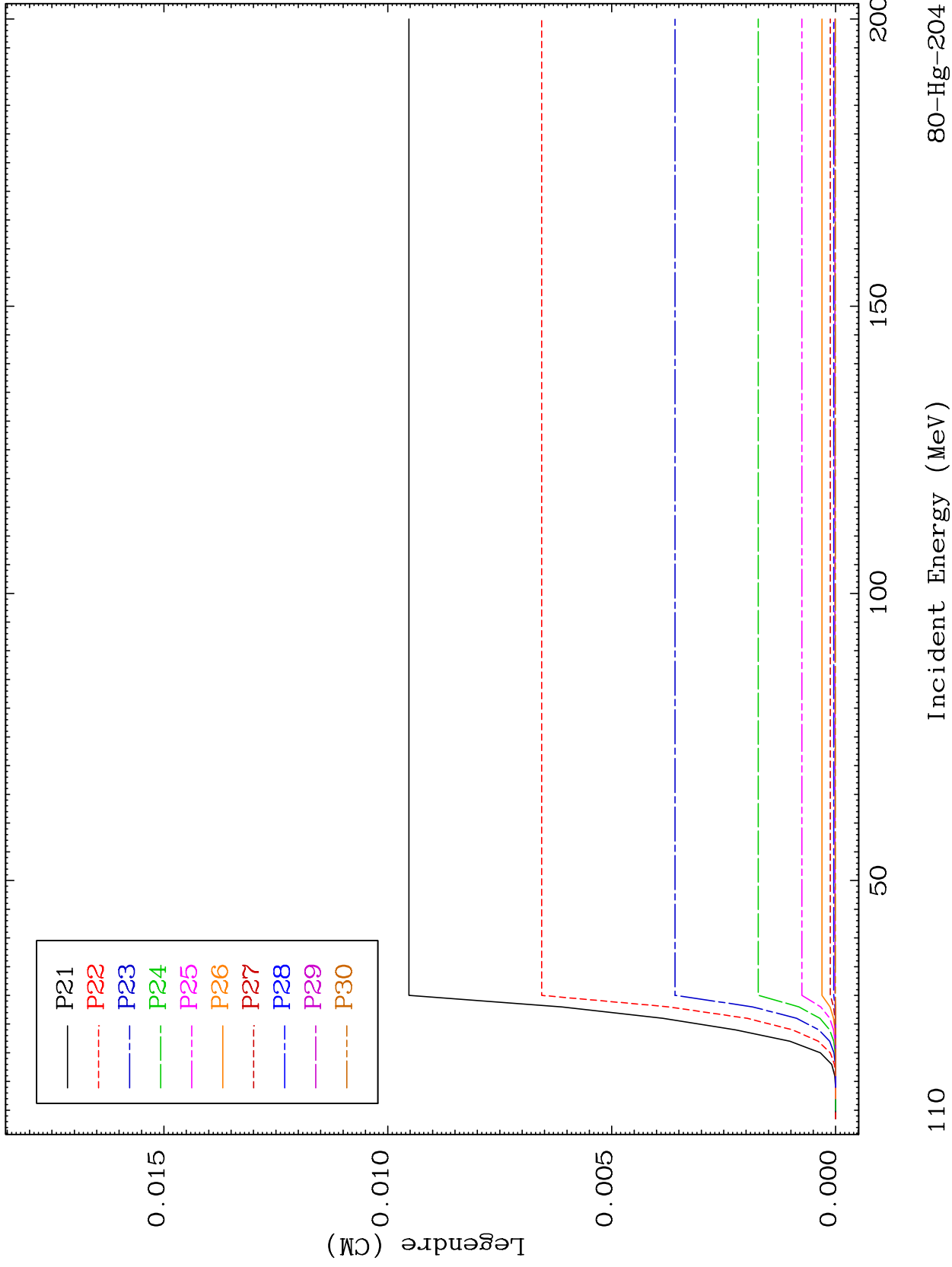
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

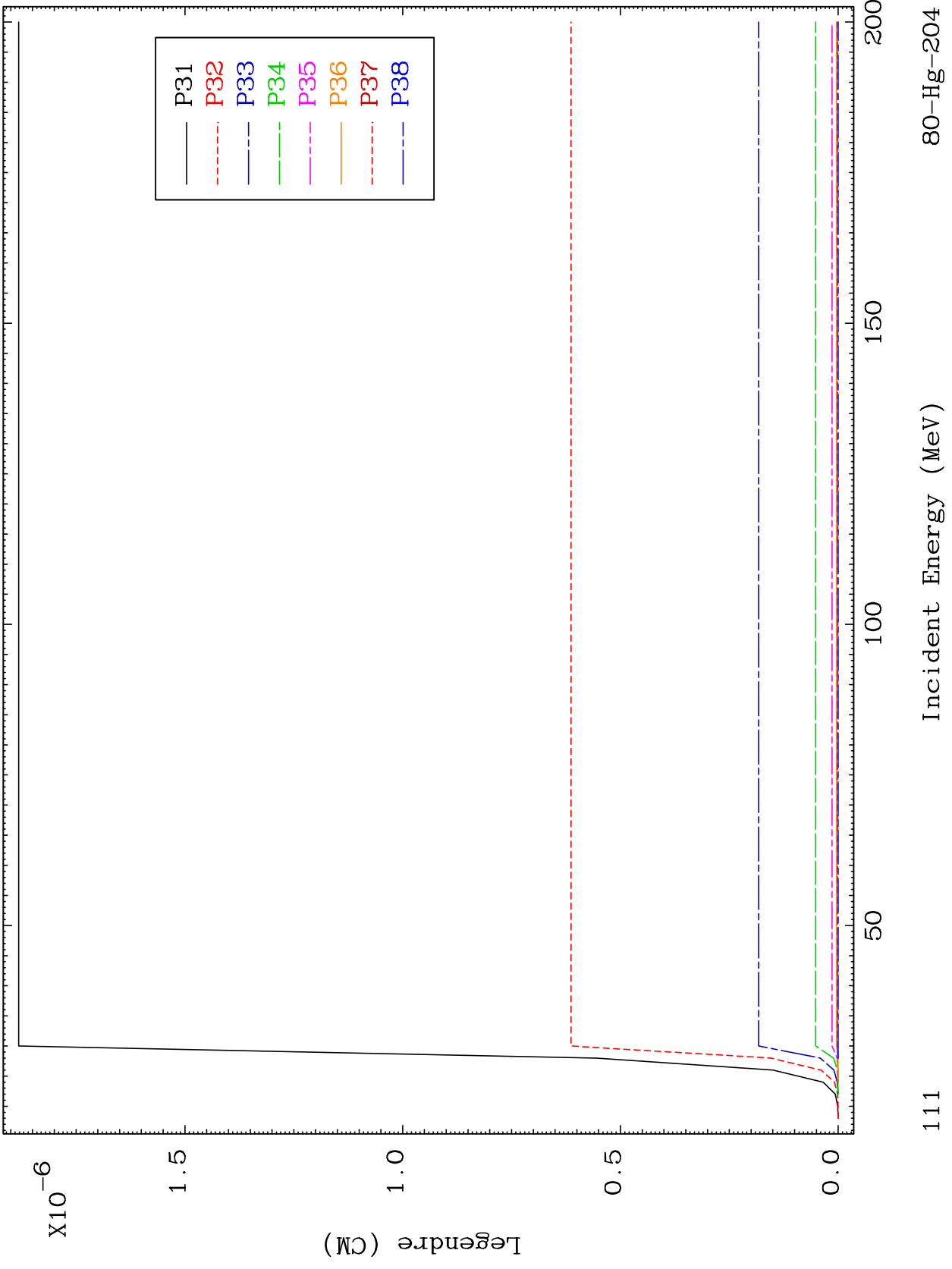
80-Hg-204



MAT 8049

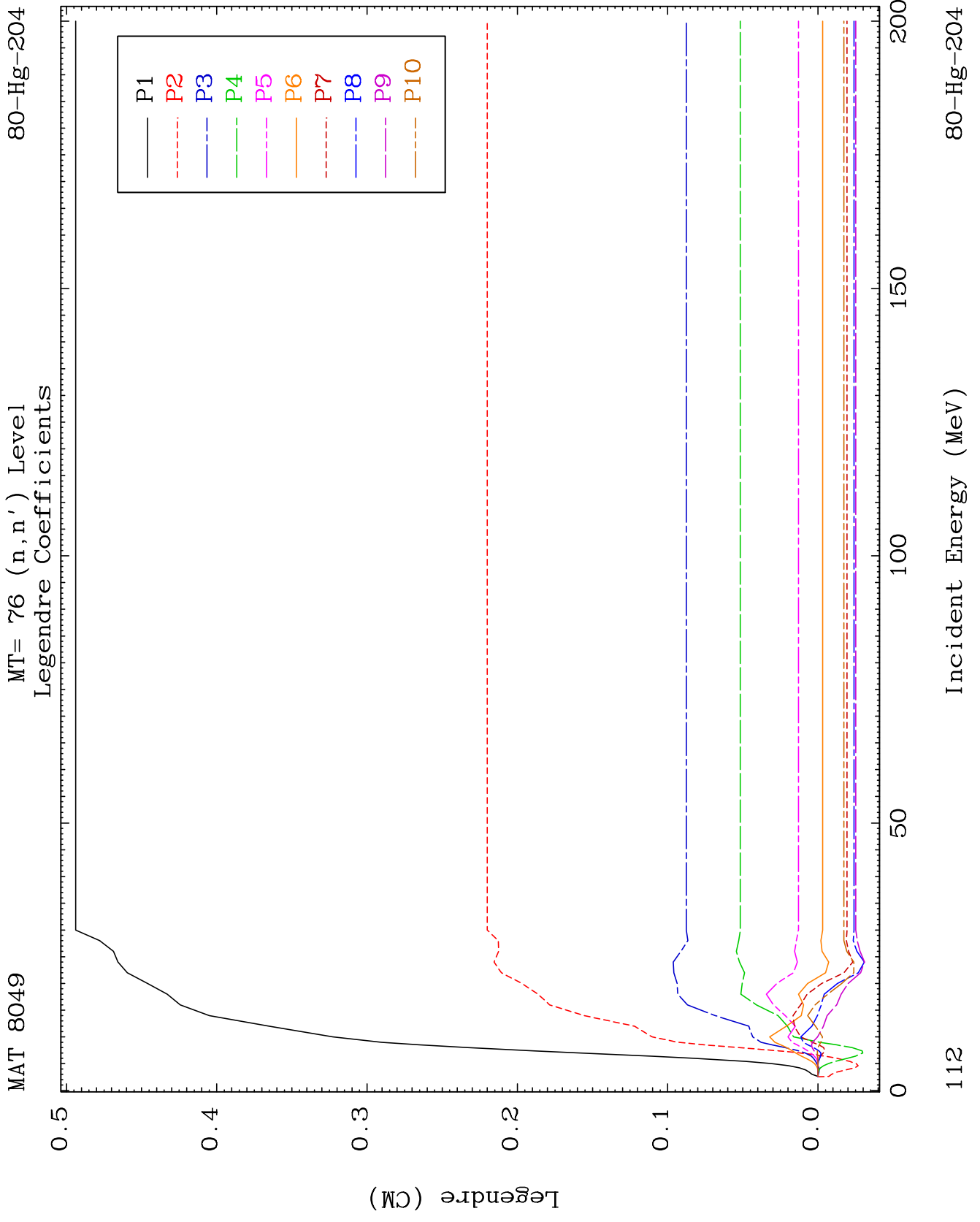
MT= 75 (n,n') Level
Legendre Coefficients

80-Hg-204



111

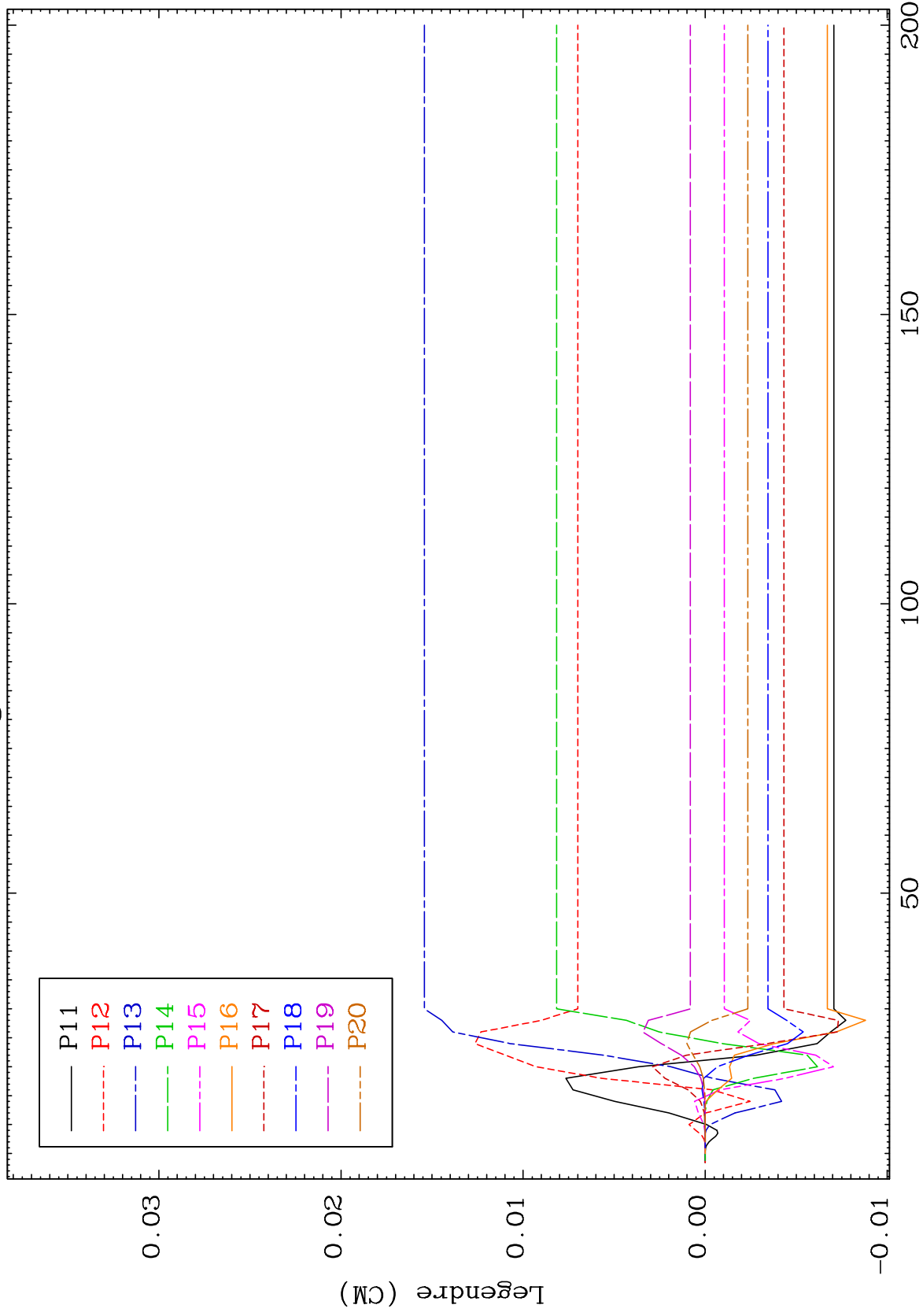
80-Hg-204



MAT 8049

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

80-Hg-204



113

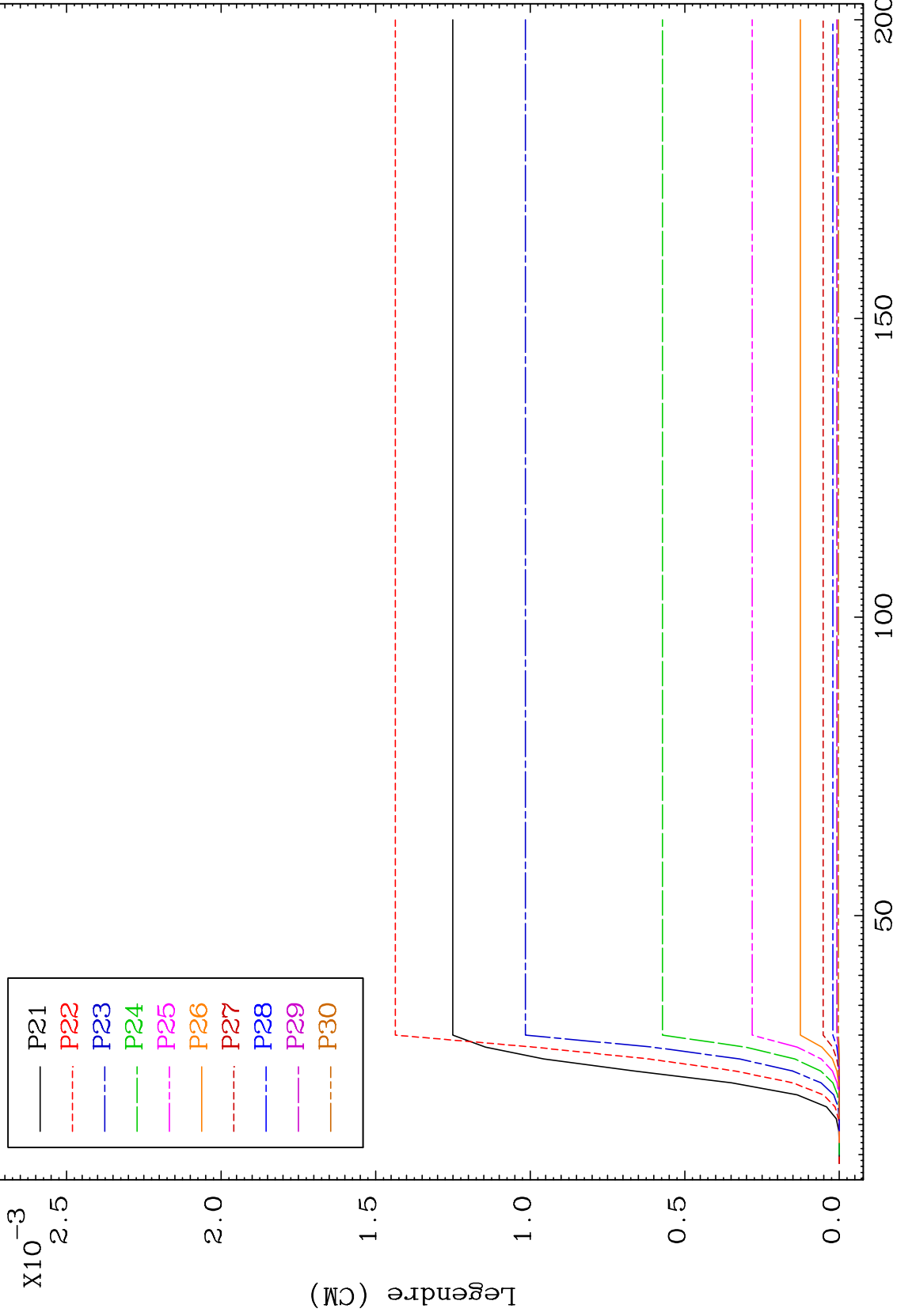
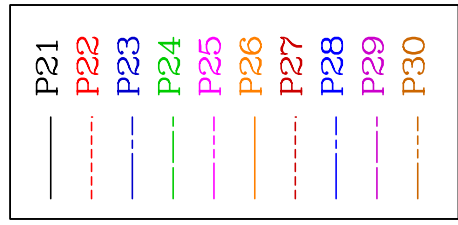
Incident Energy (MeV)

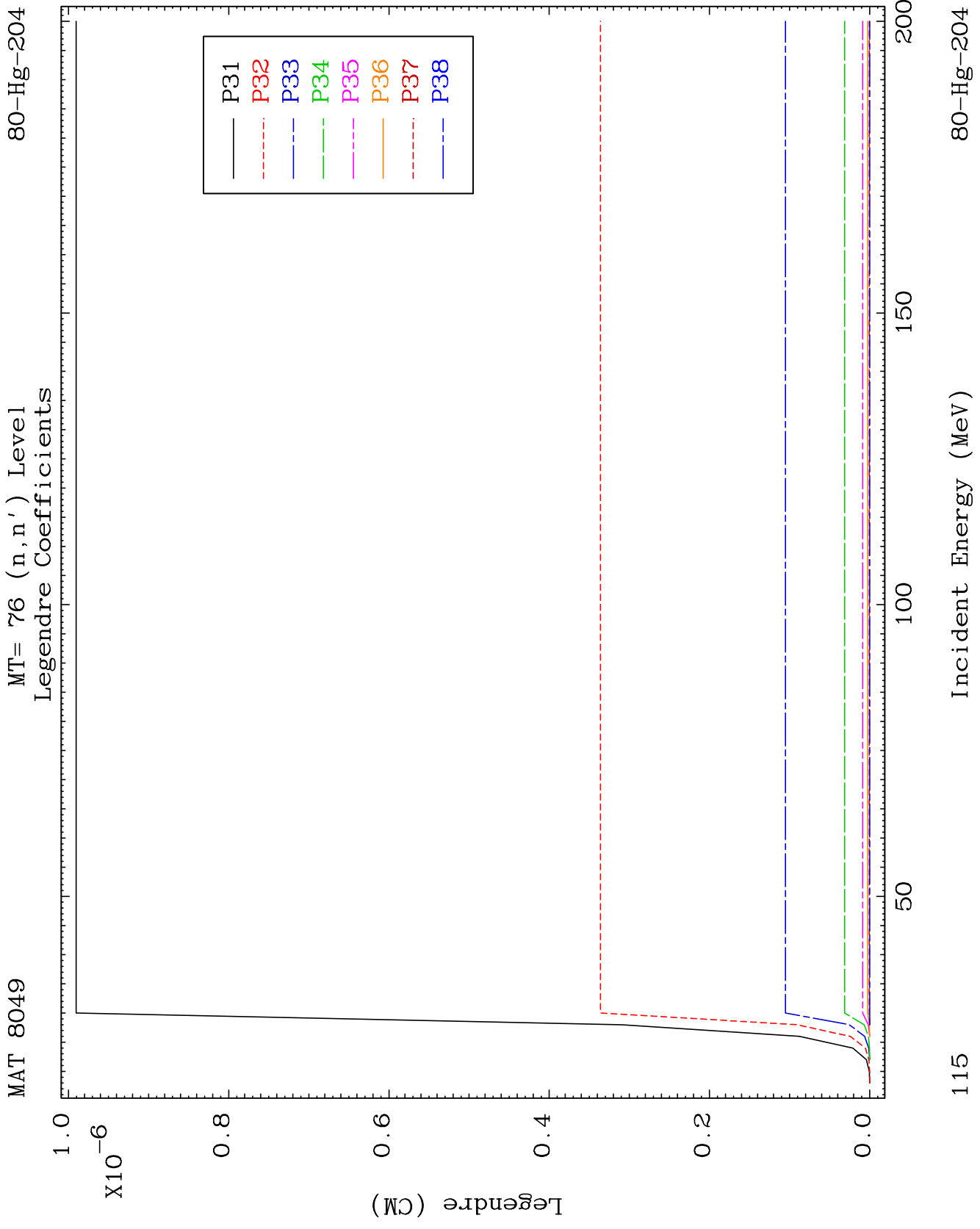
80-Hg-204

MAT 8049

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

80-Hg-204

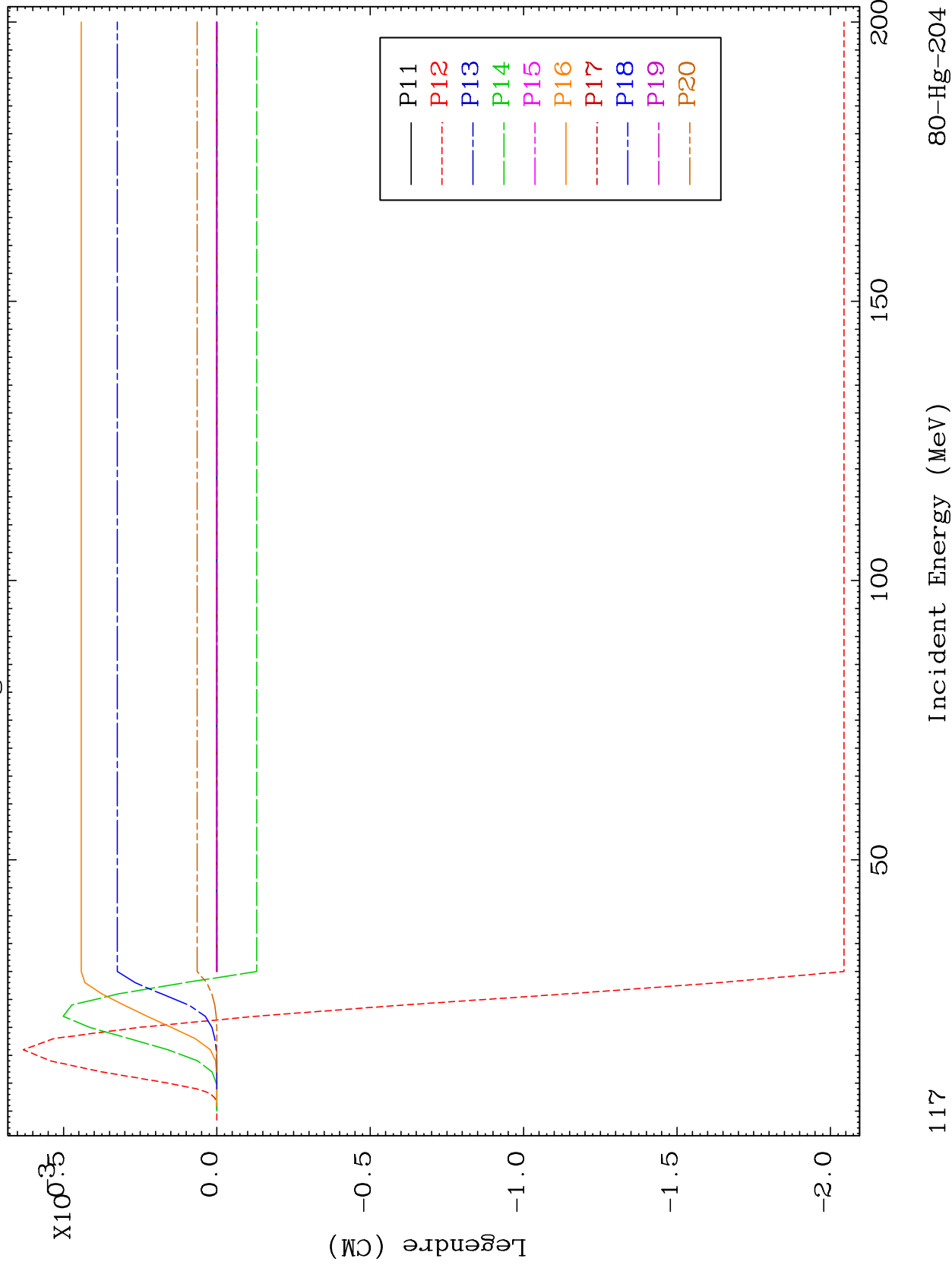




MAT 8049

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

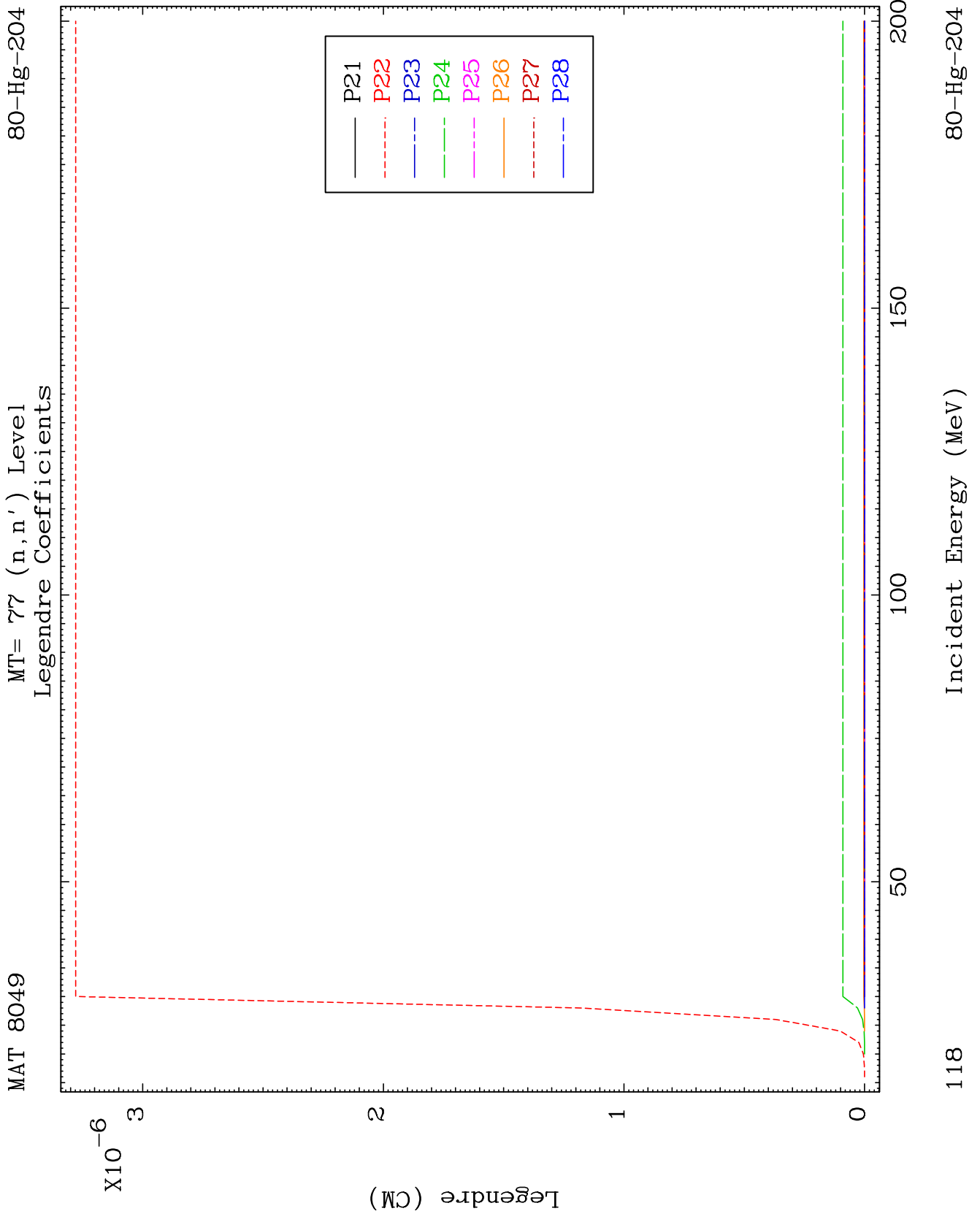
80-Hg-204

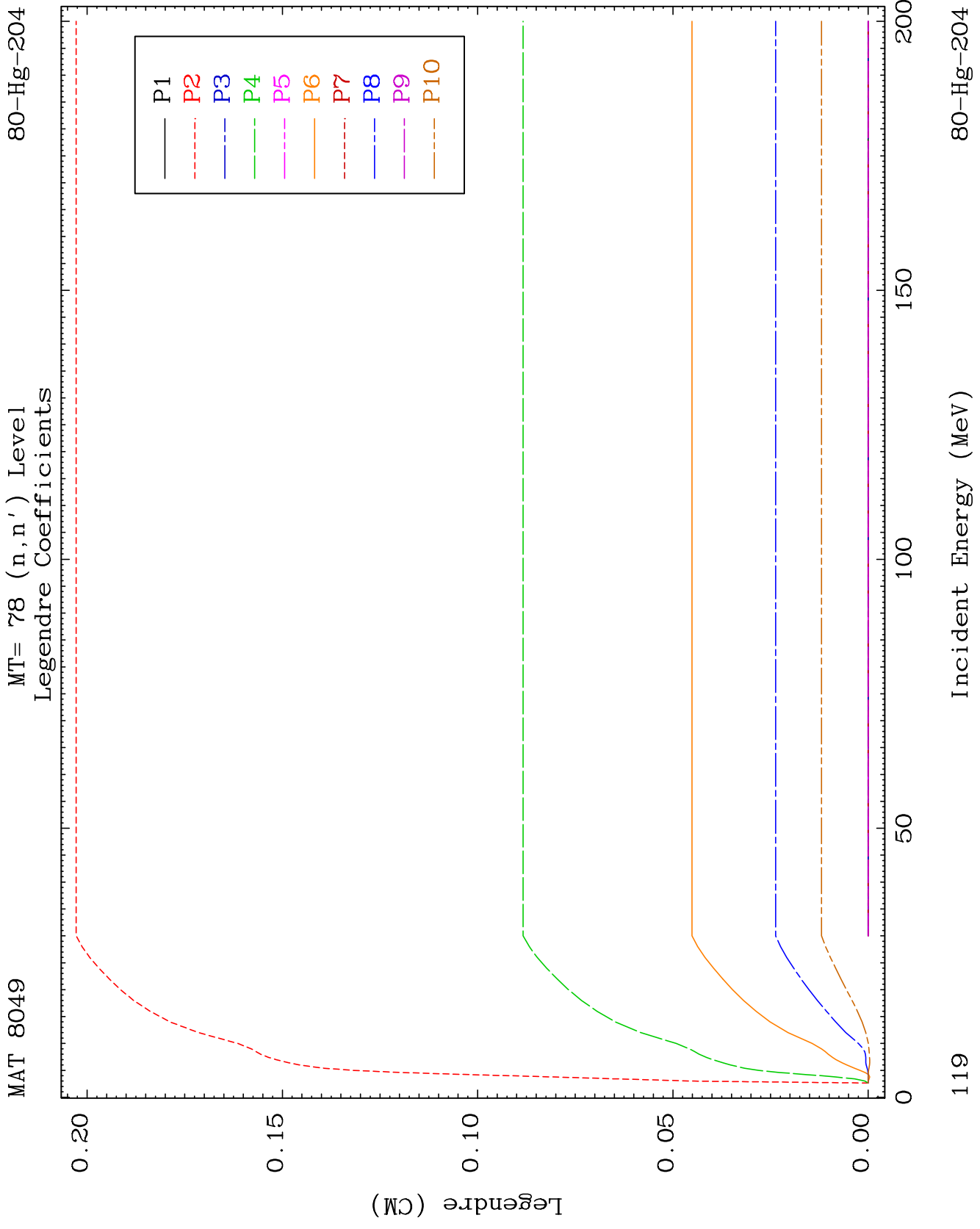


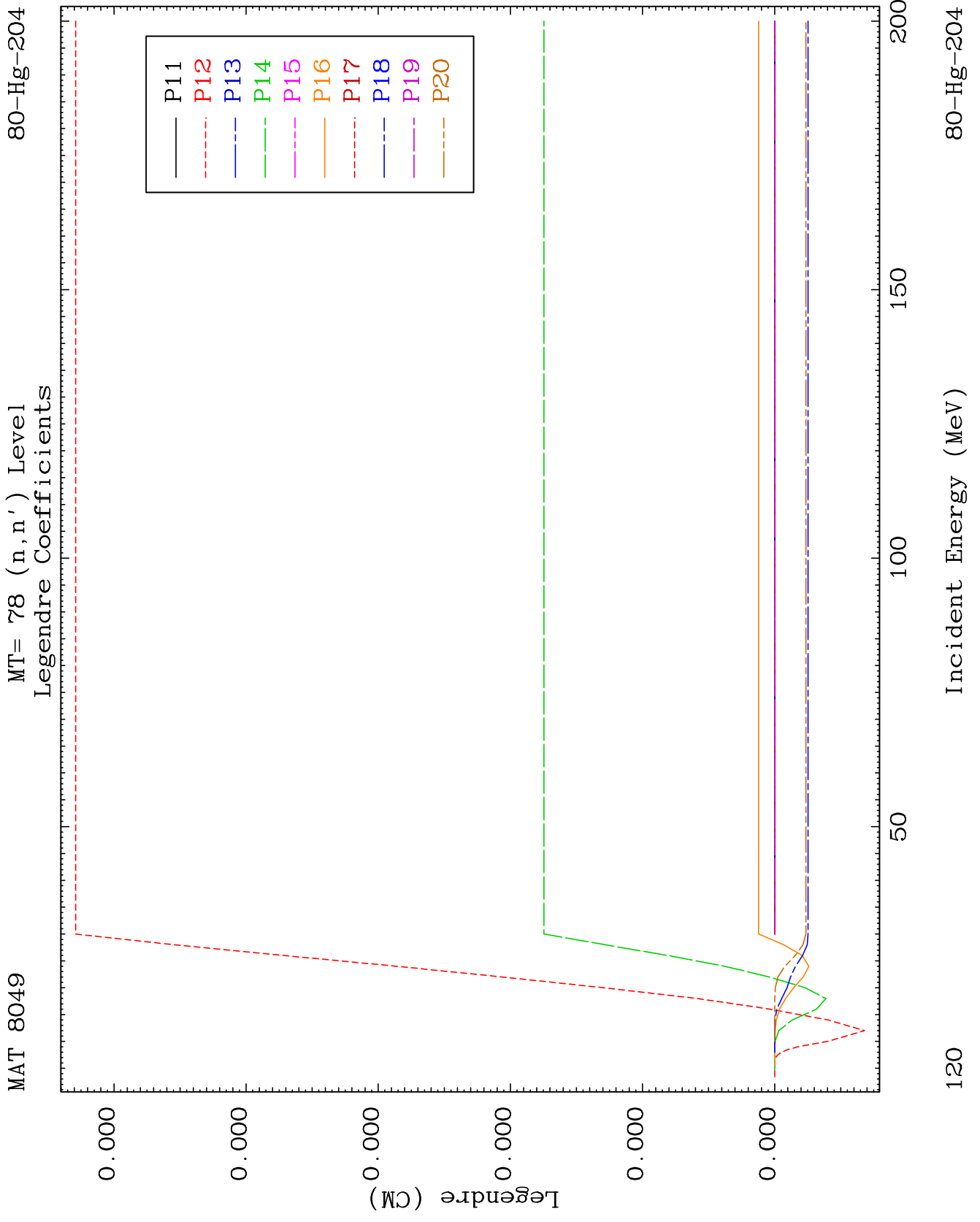
117

Incident Energy (MeV)

80-Hg-204



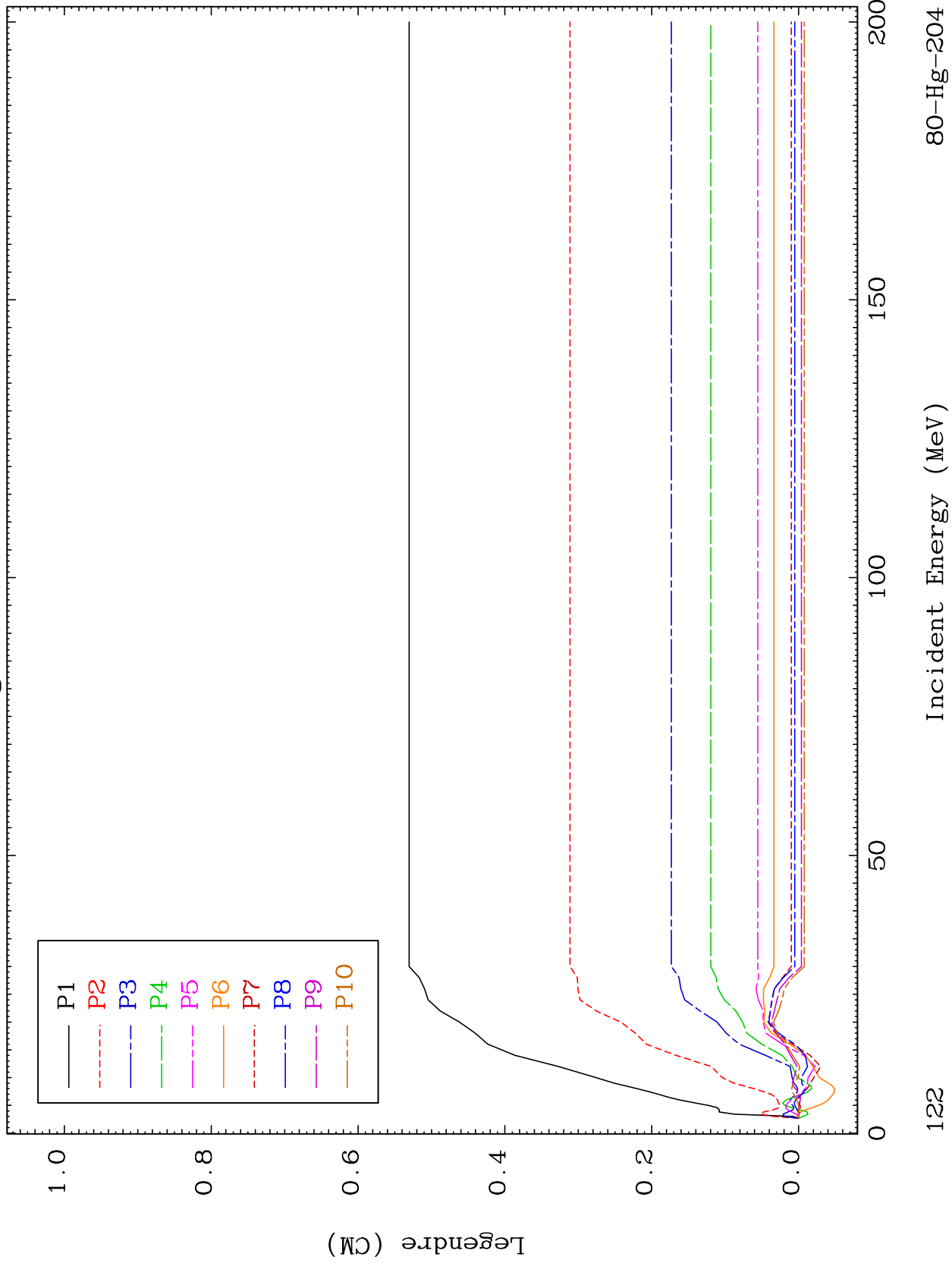




MAT 8049

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

80-Hg-204

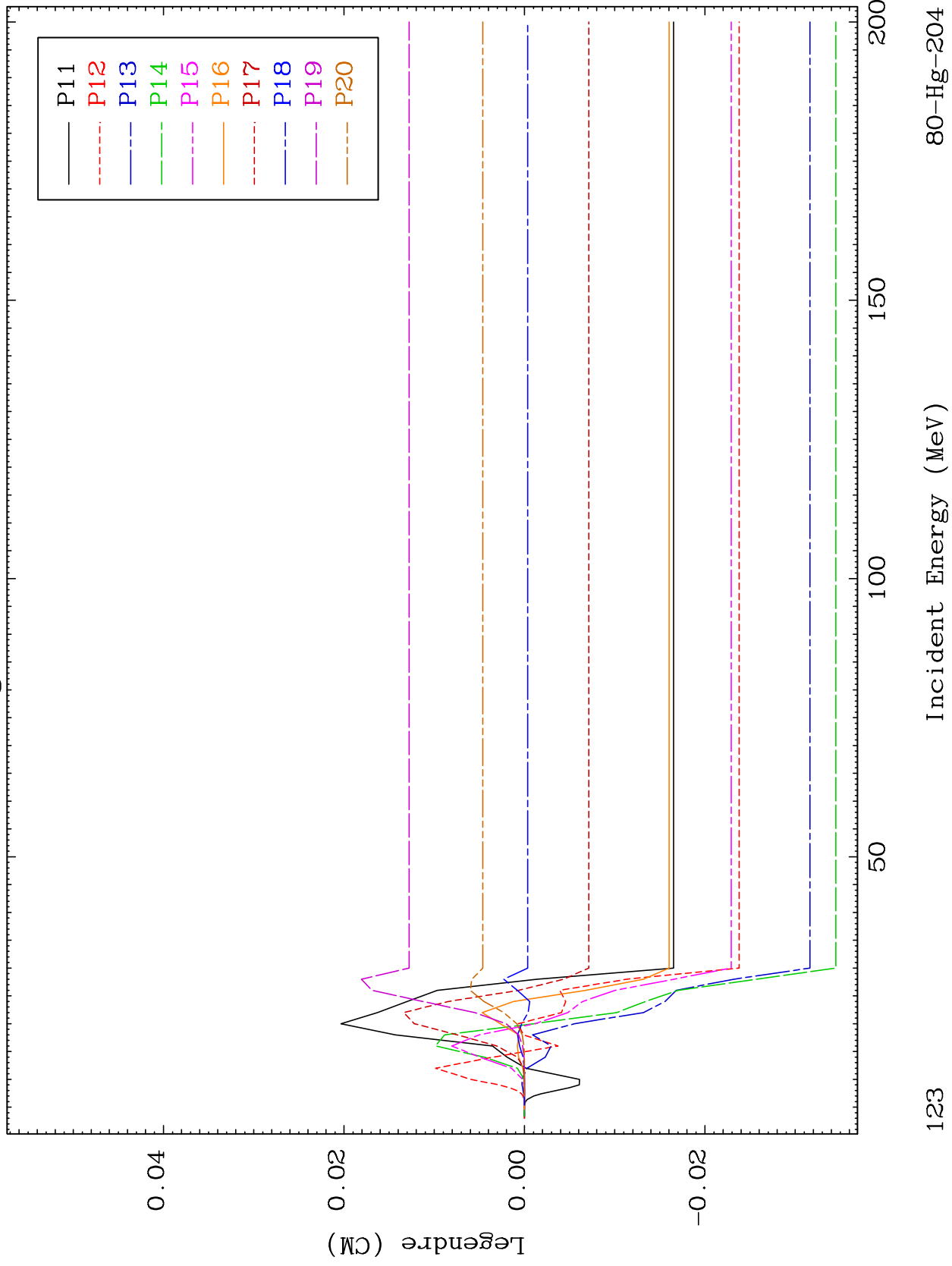


122

MAT 8049

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

80-Hg-204



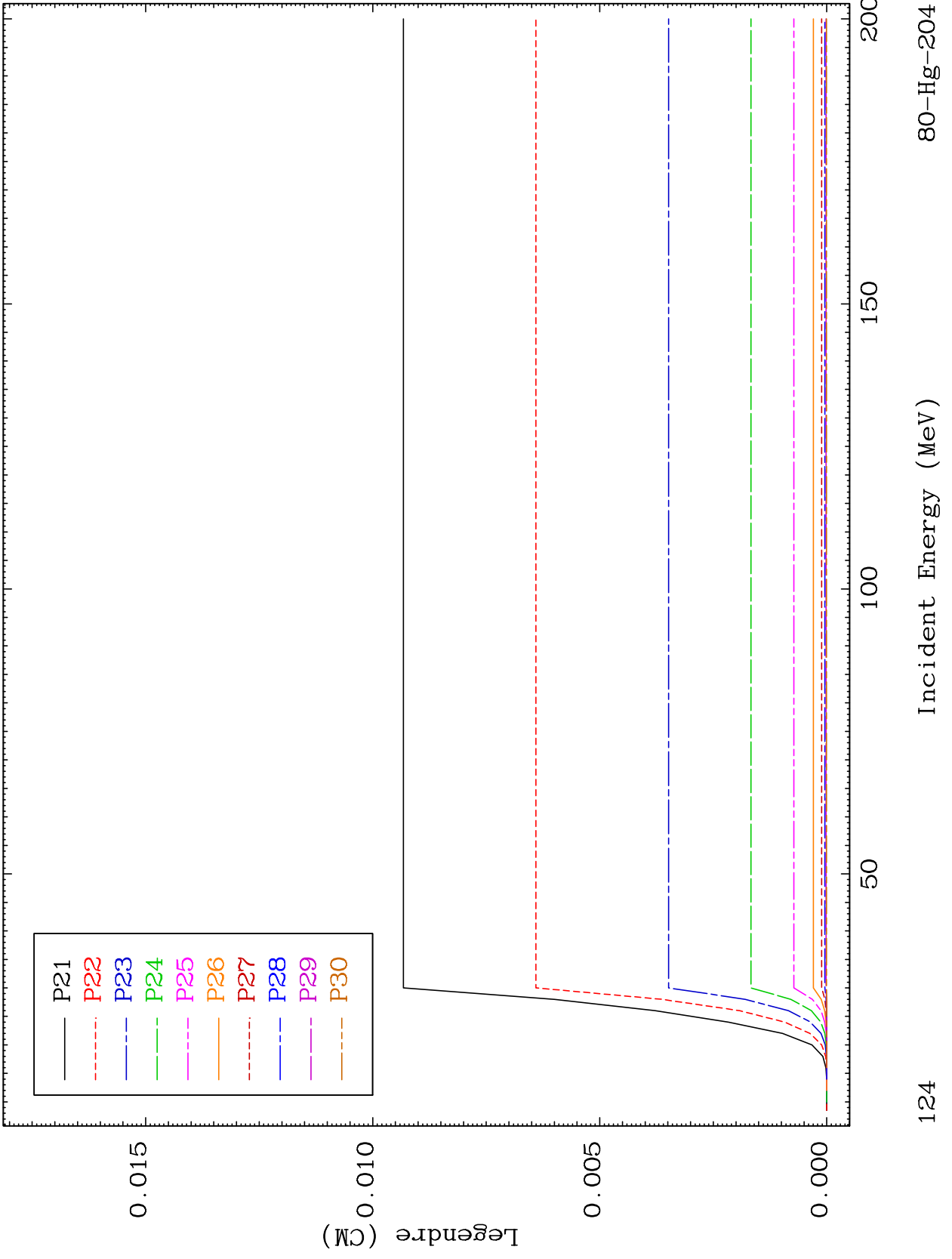
123

80-Hg-204

MAT 8049

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

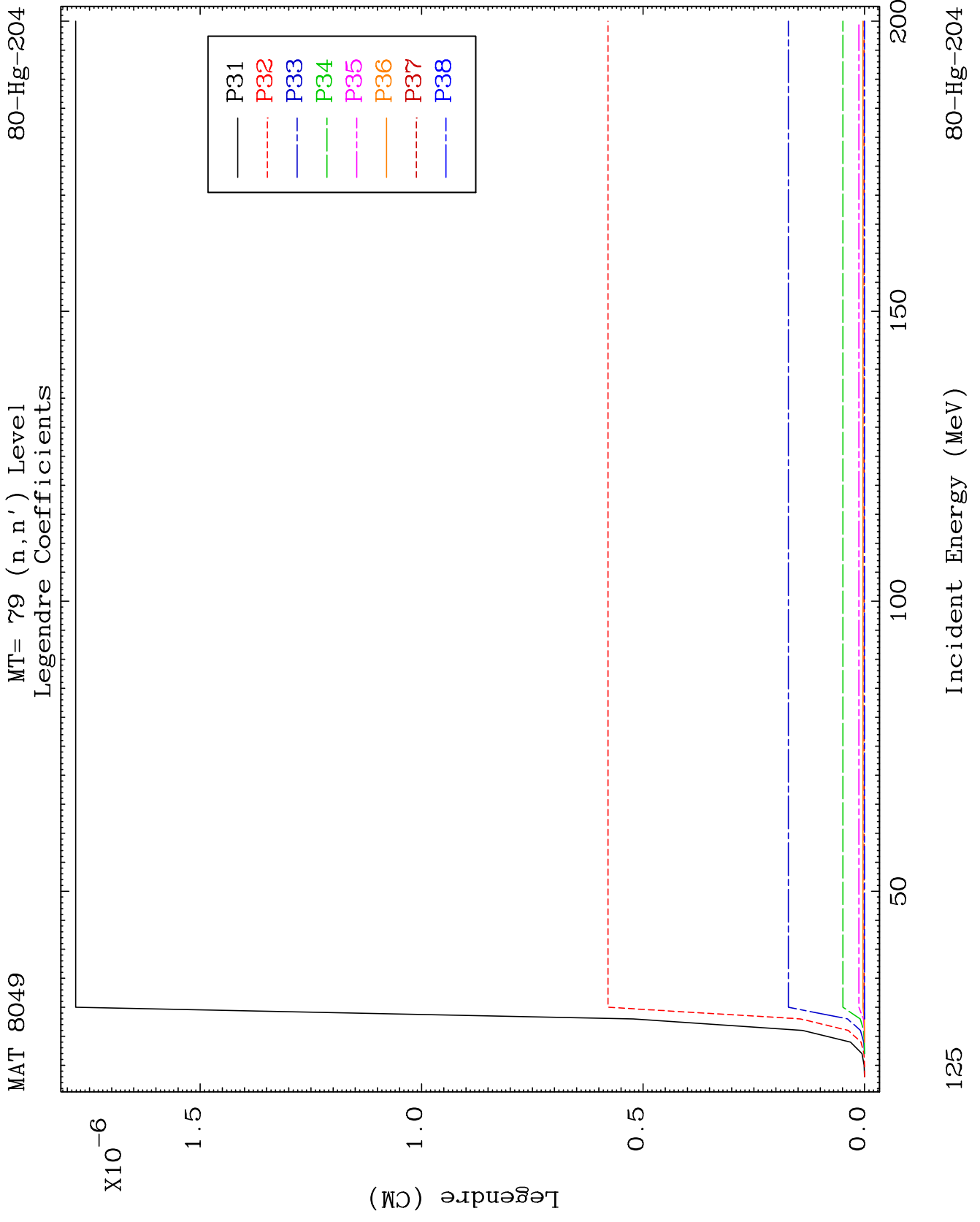
80-Hg-204



124

Incident Energy (MeV)

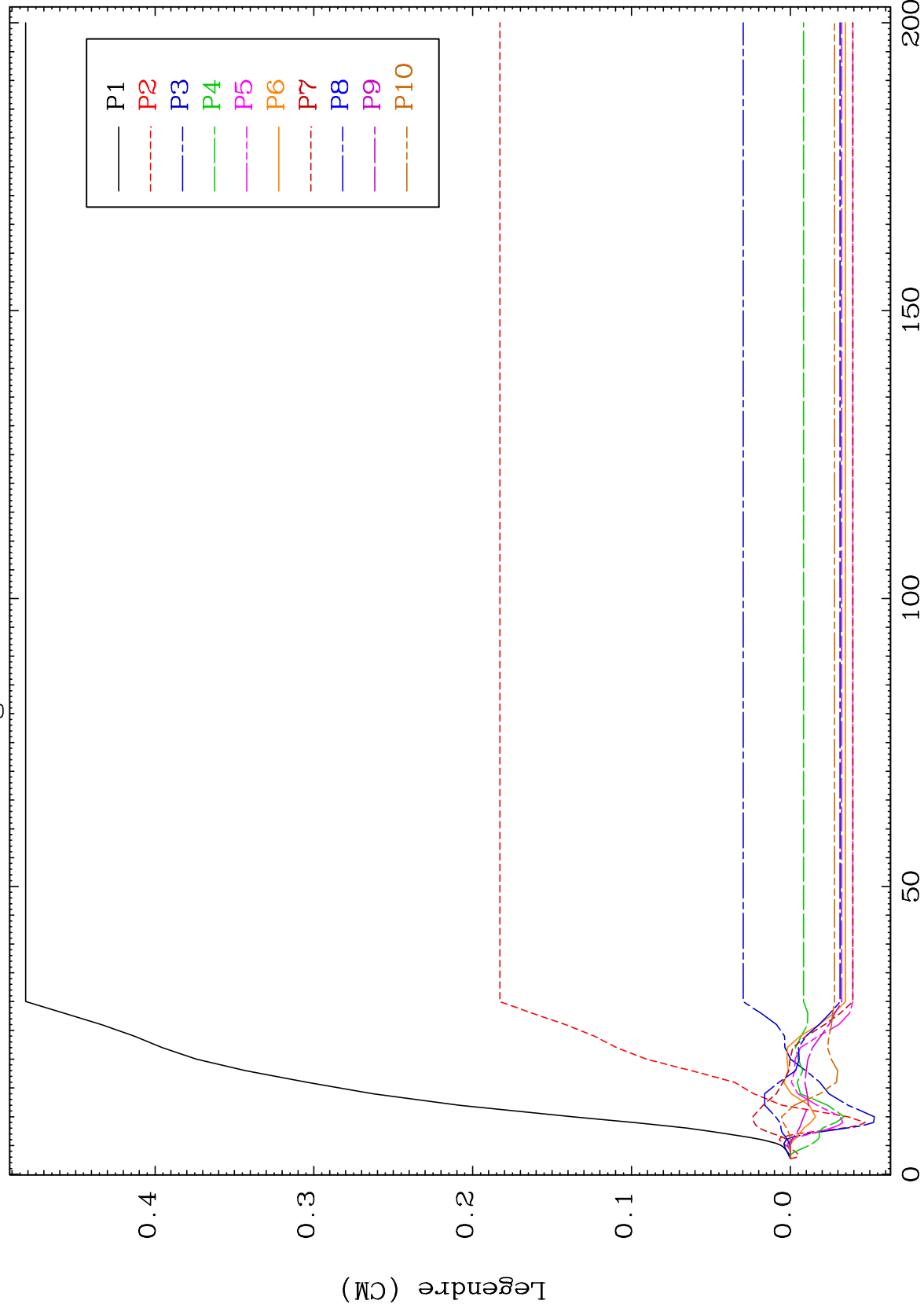
80-Hg-204



MAT 8049

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

80-Hg-204



80-Hg-204

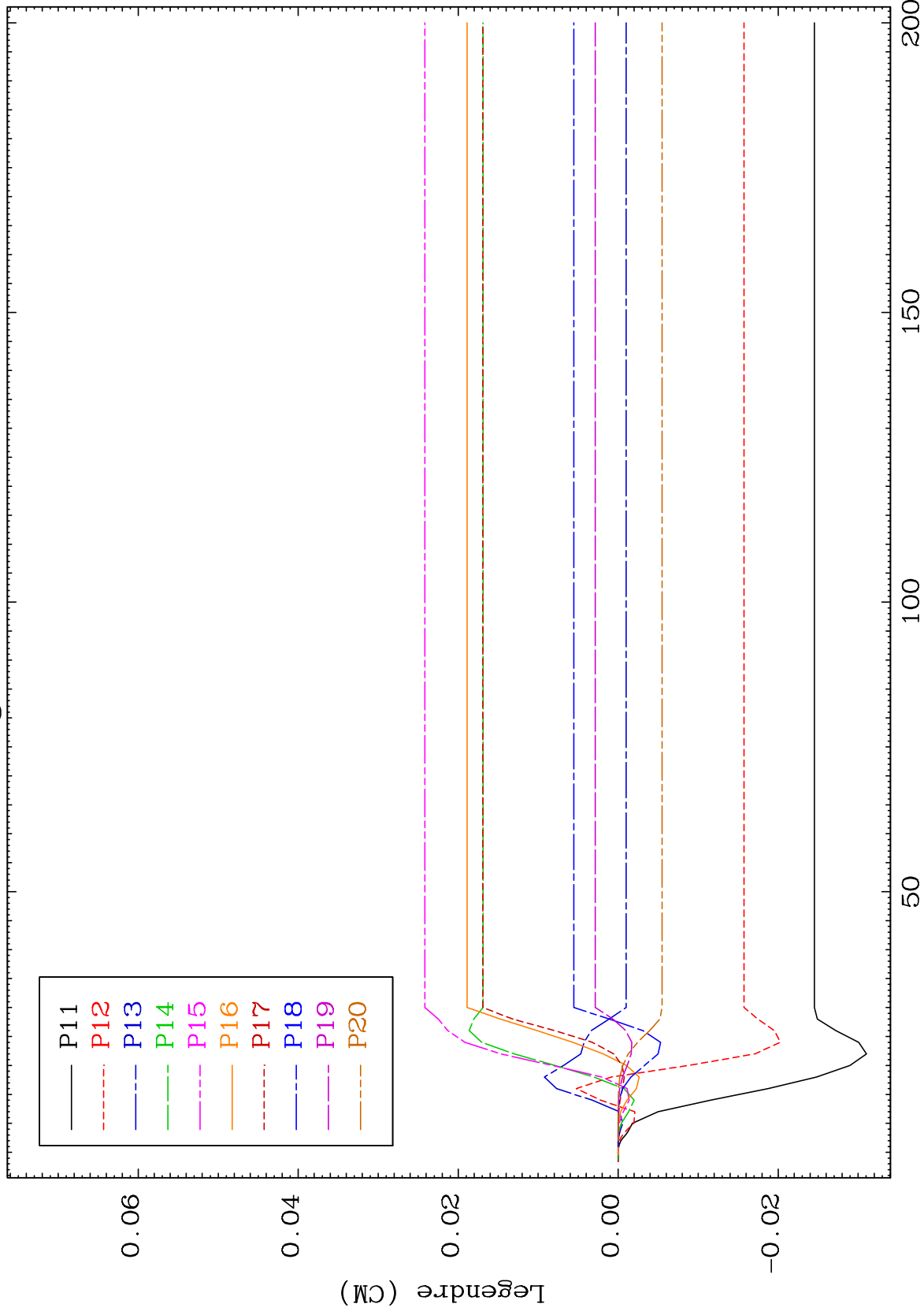
Incident Energy (MeV)

126

MAT 8049

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

80-Hg-204



127

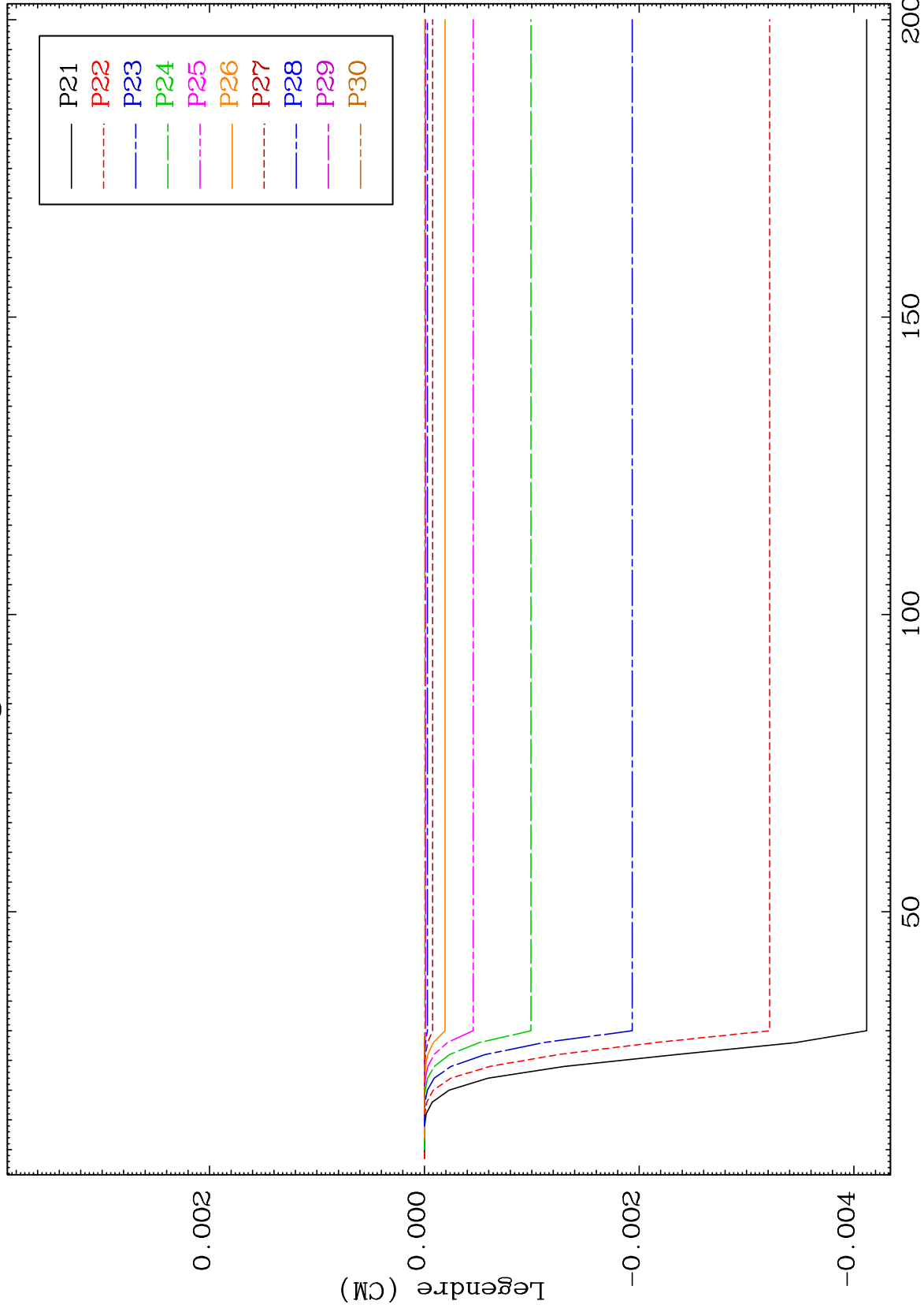
Incident Energy (MeV)

80-Hg-204

MAT 8049

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

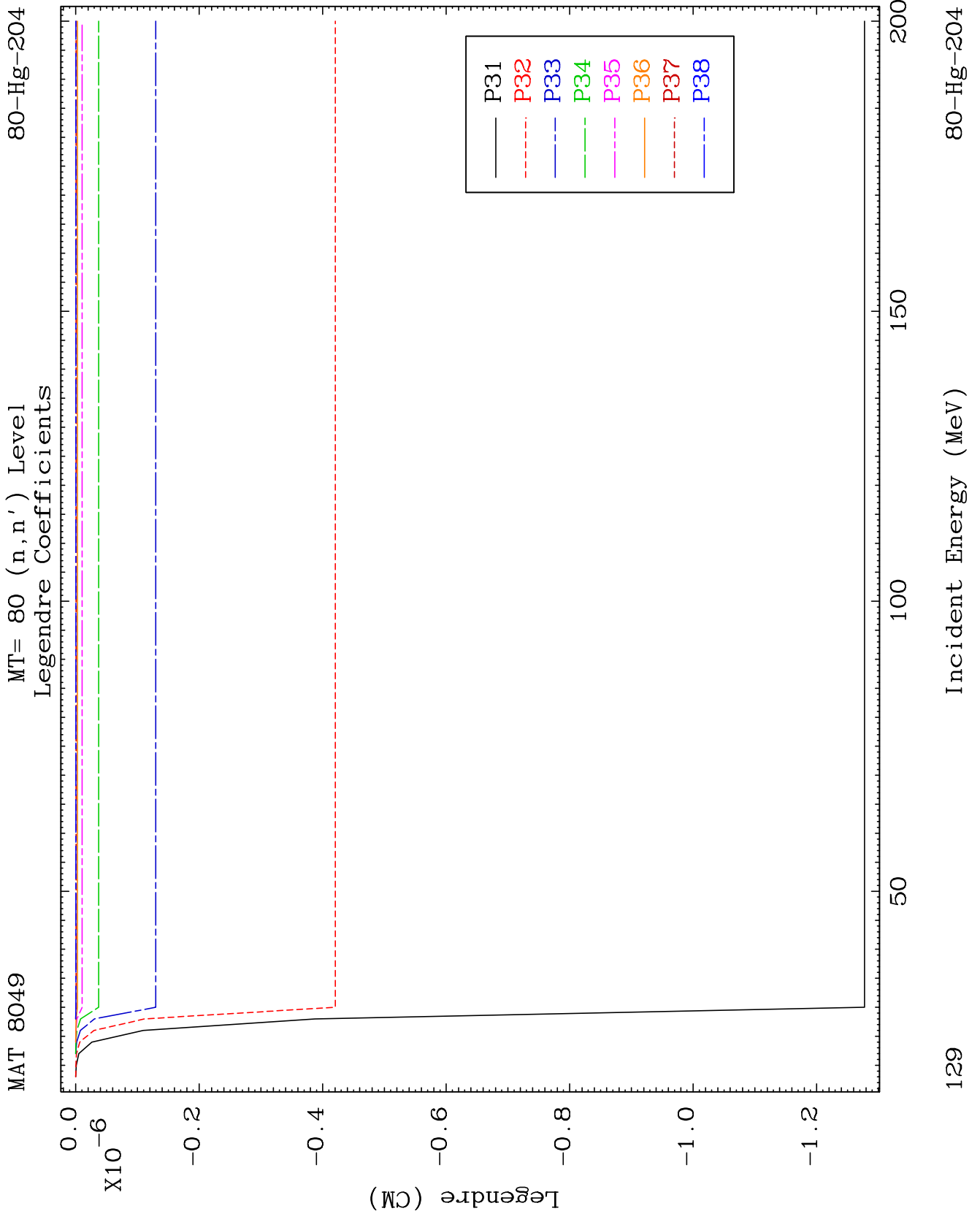
80-Hg-204



128

Incident Energy (MeV)

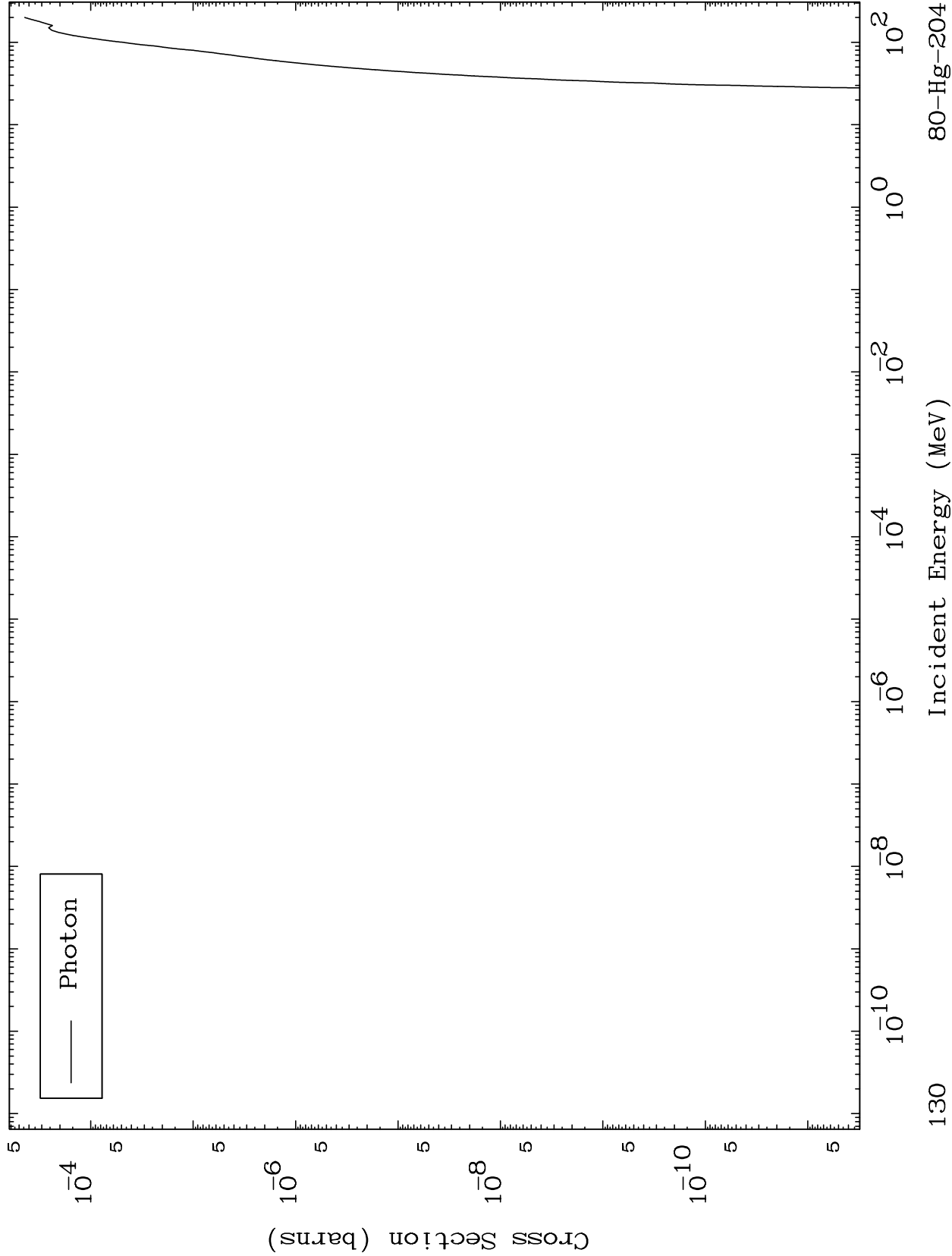
80-Hg-204



MAT 8049

Fission
Radionuclide Production Cross Section

80-Hg-204

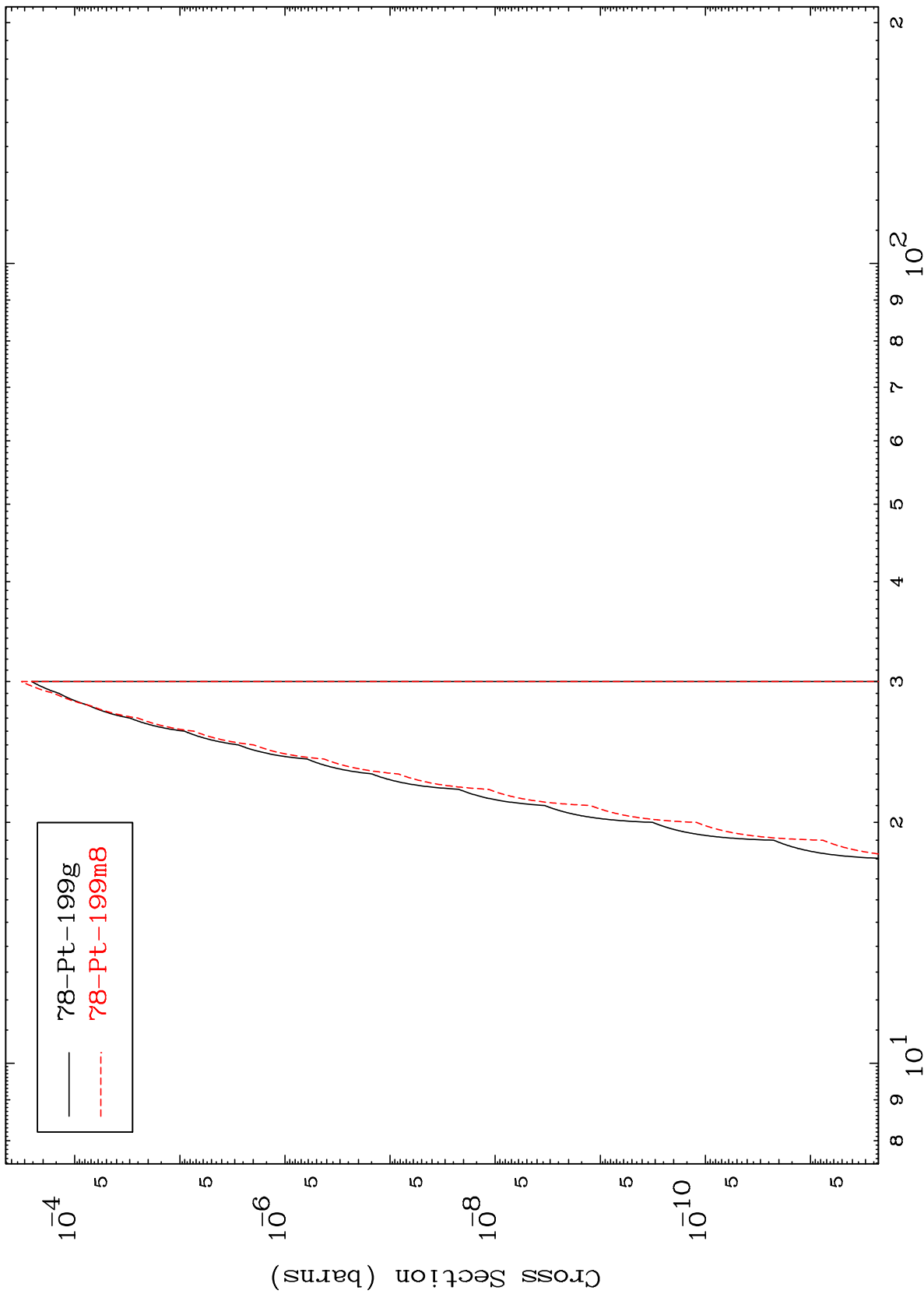


MAT 8049

$(n,2n) \alpha$

80-Hg-204

Radionuclide Production Cross Section



131

Incident Energy (MeV)

80-Hg-204