

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

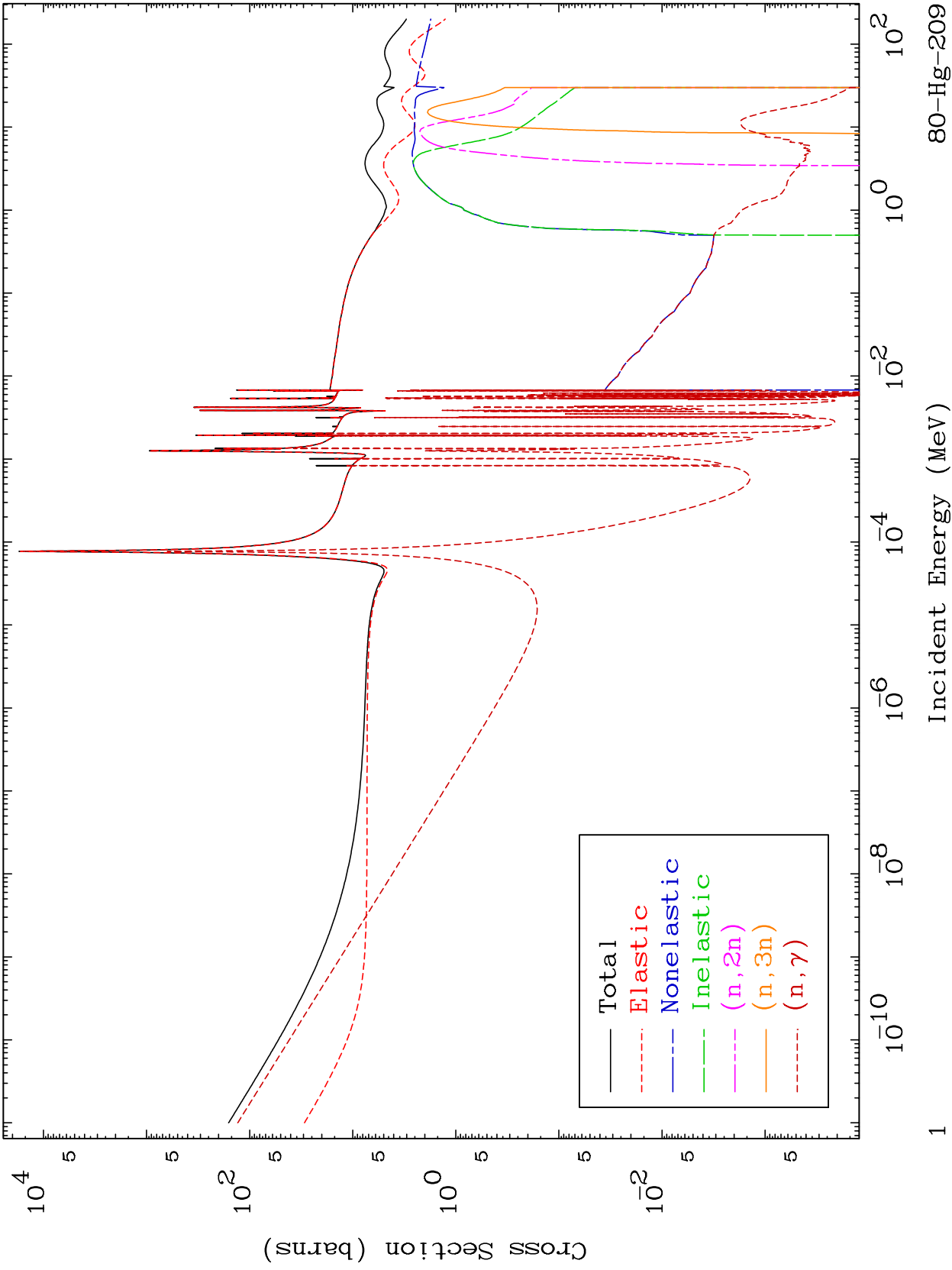
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8064

Neutron Major
293 Kelvin Cross Sections

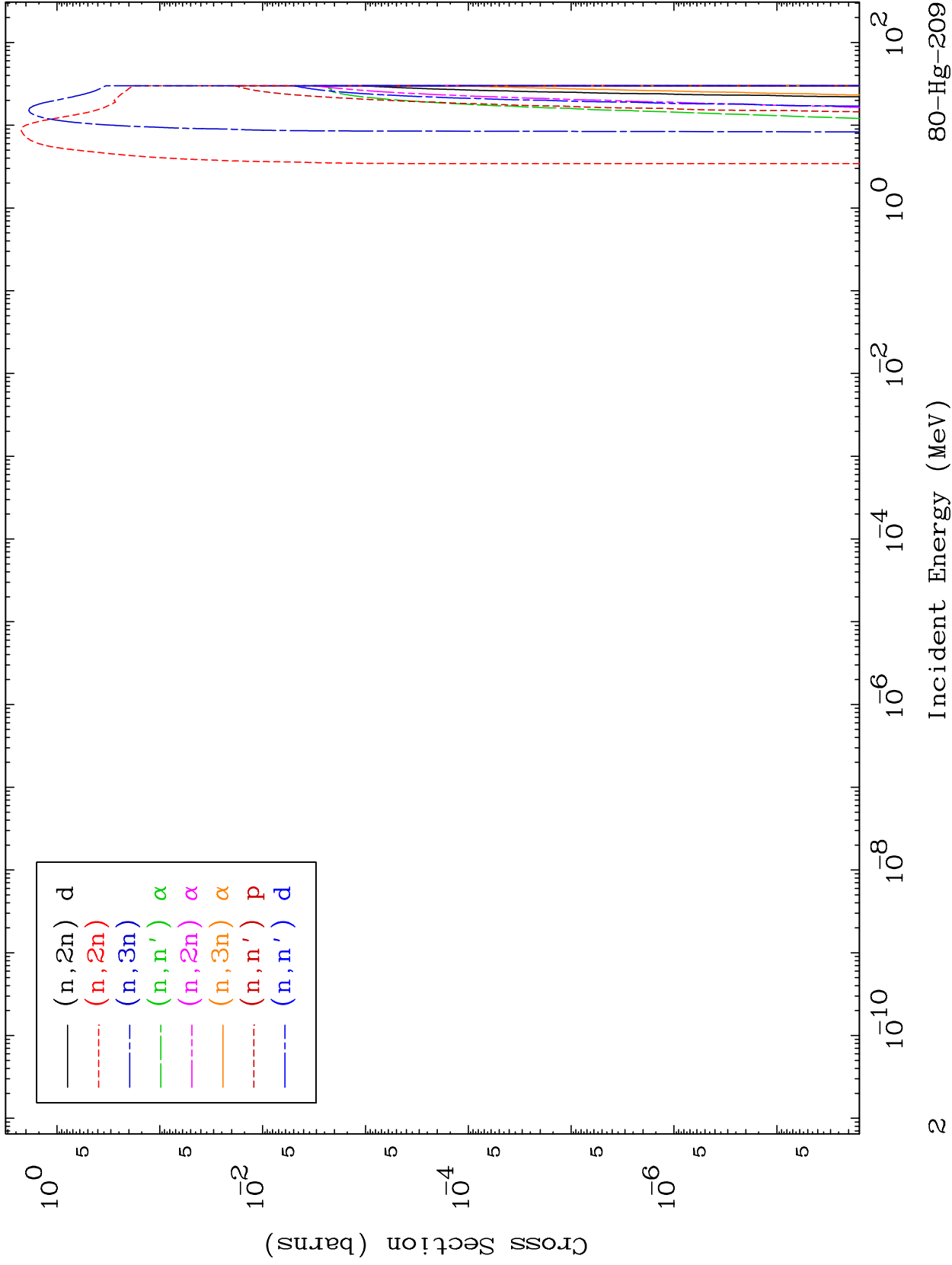
80-Hg-209



MAT 8064

Neutron Absorption
293 Kelvin Cross Sections

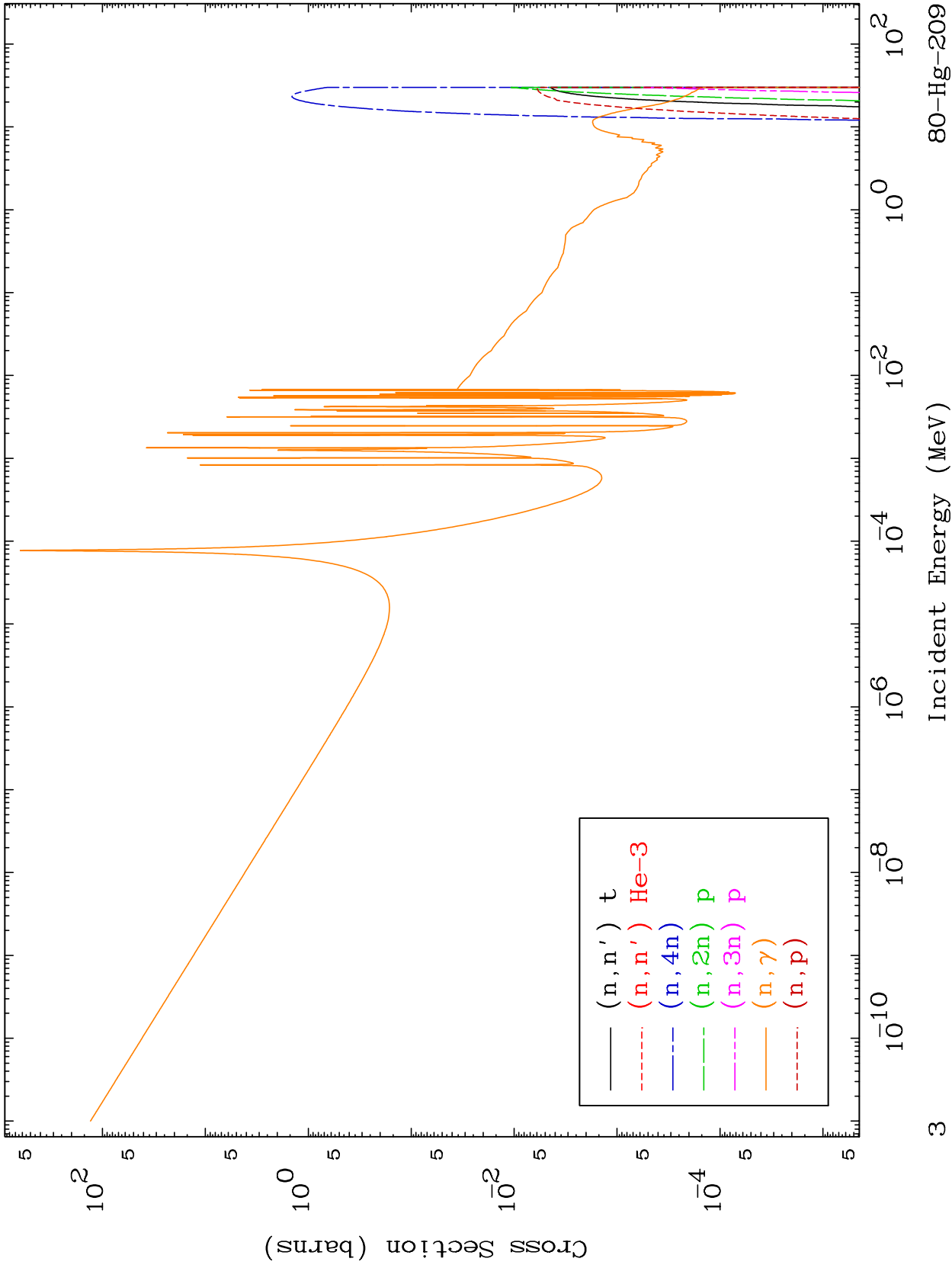
80-Hg-209



MAT 8064

Neutron Absorption
293 Kelvin Cross Sections

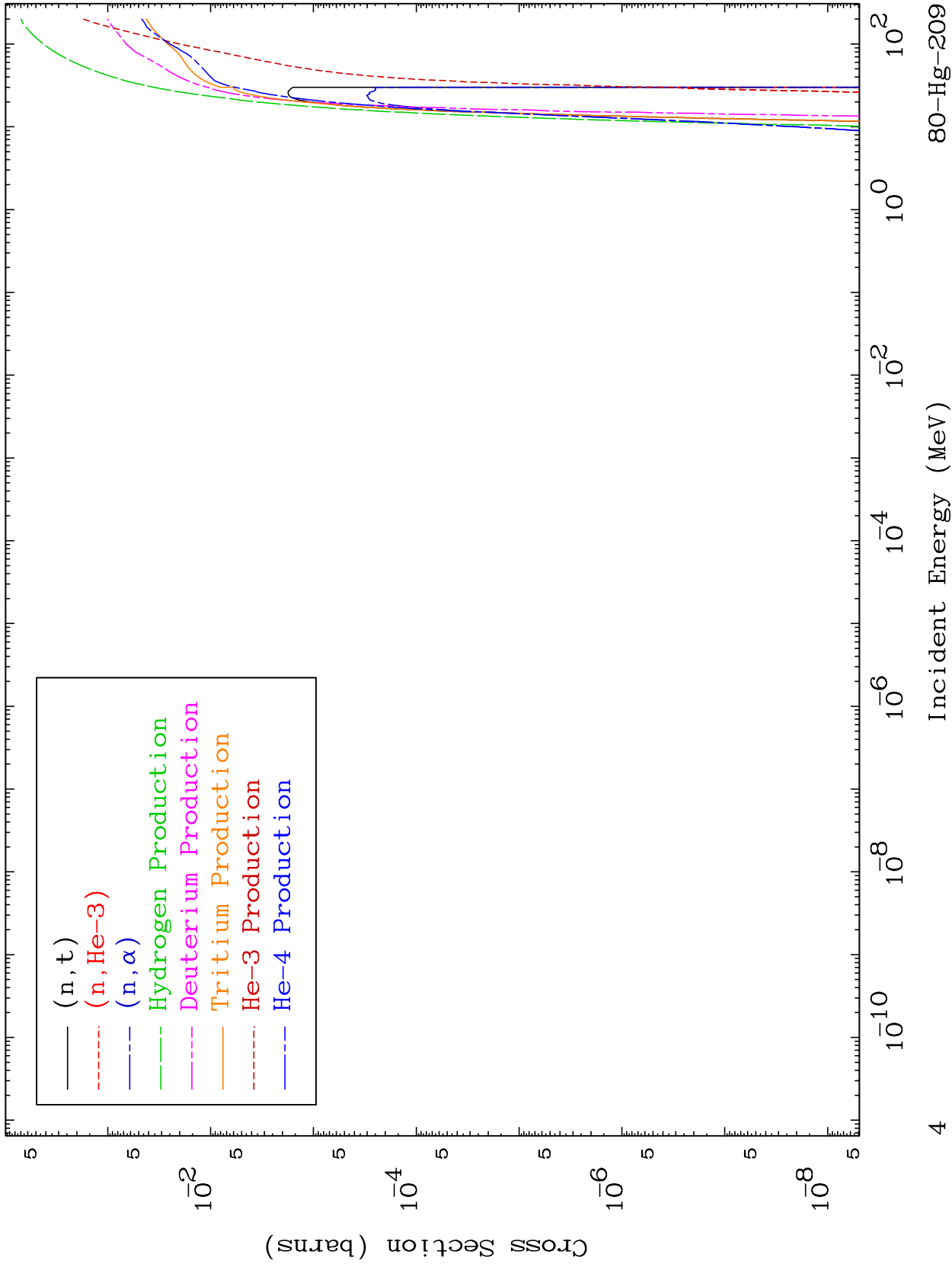
80-Hg-209



MAT 8064

Neutron Absorption
293 Kelvin Cross Sections

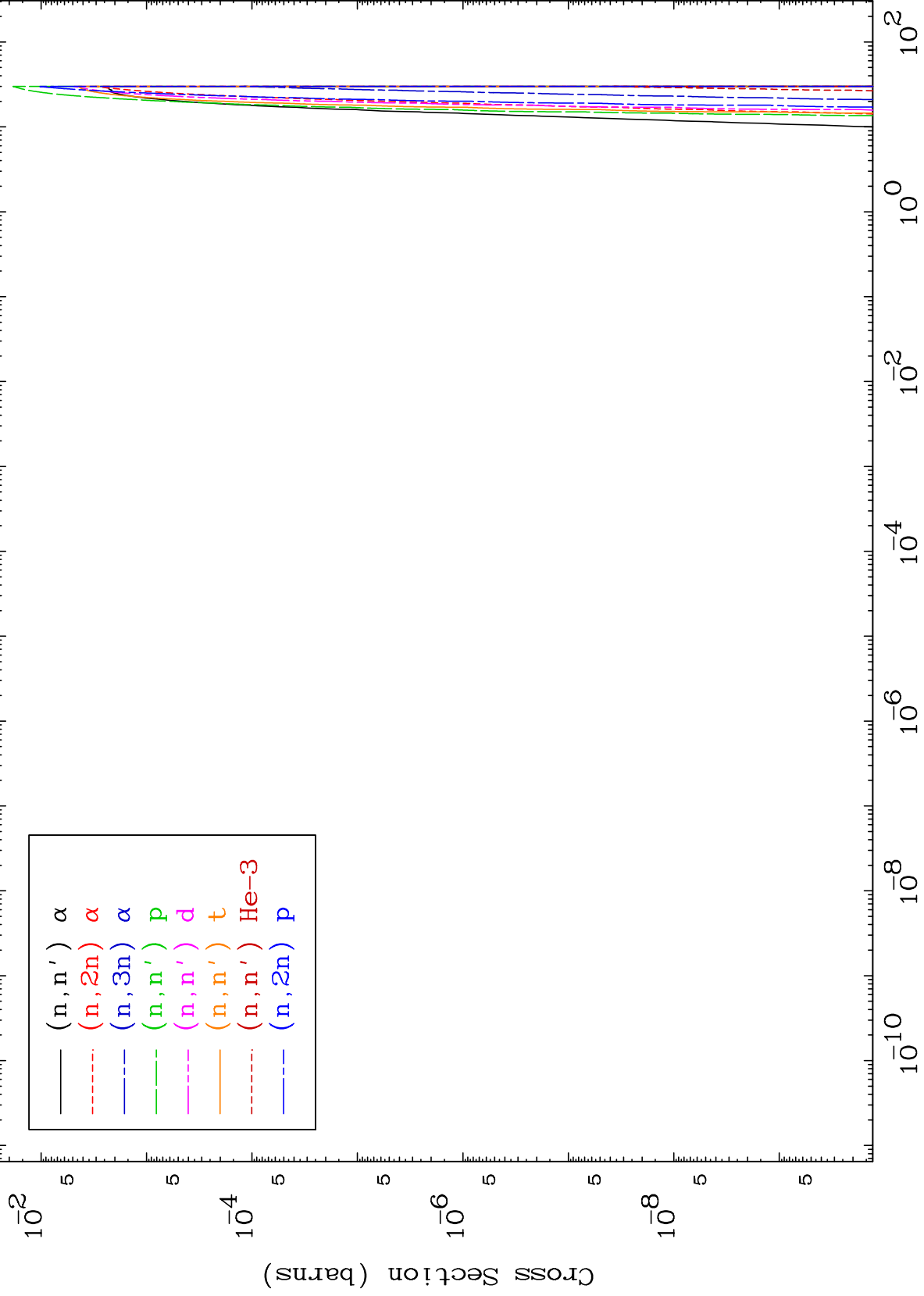
80-Hg-209



MAT 8064

Charged Particle
293 Kelvin Cross Sections

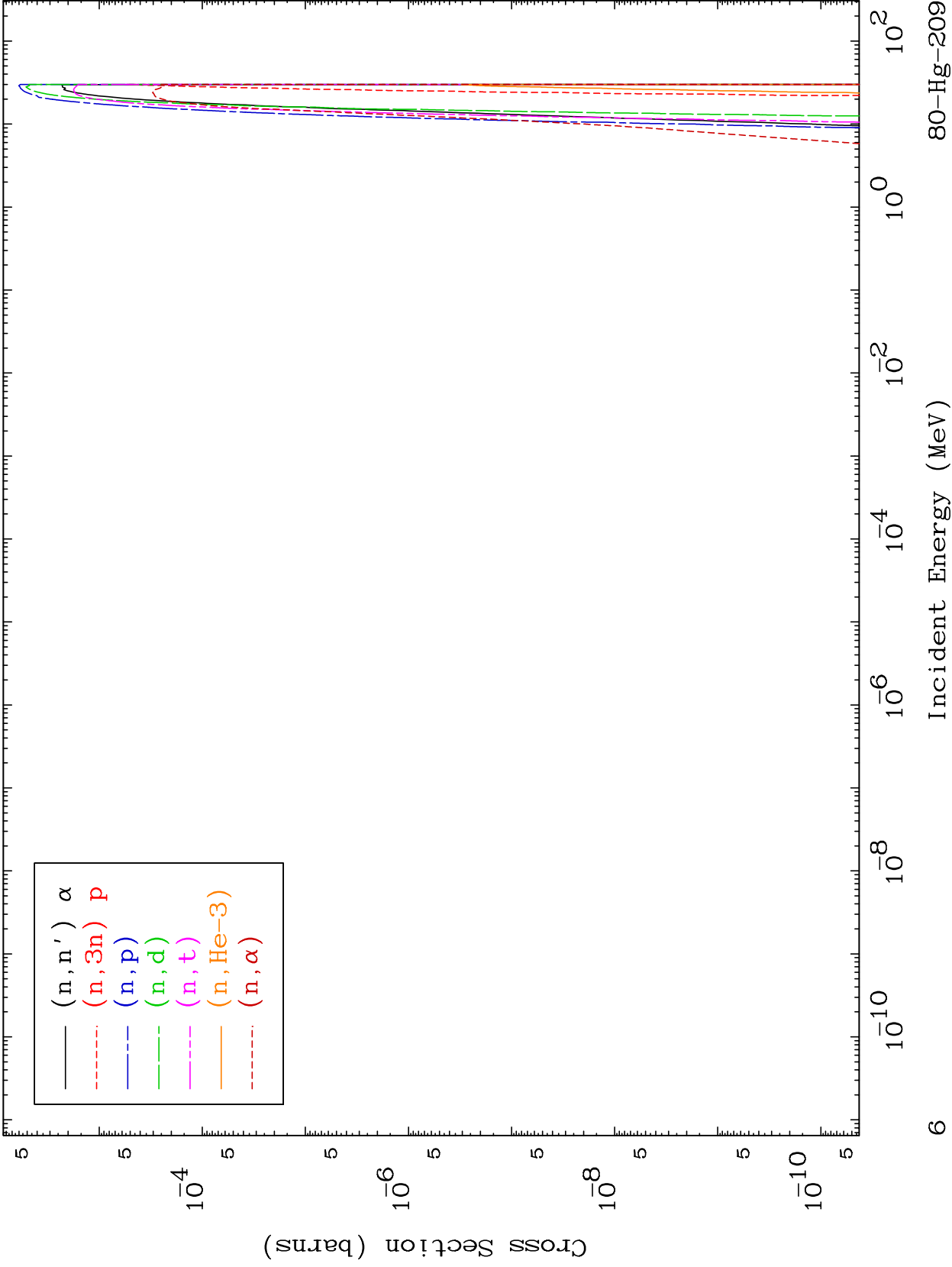
80-Hg-209



MAT 8064

Charged Particle
293 Kelvin Cross Sections

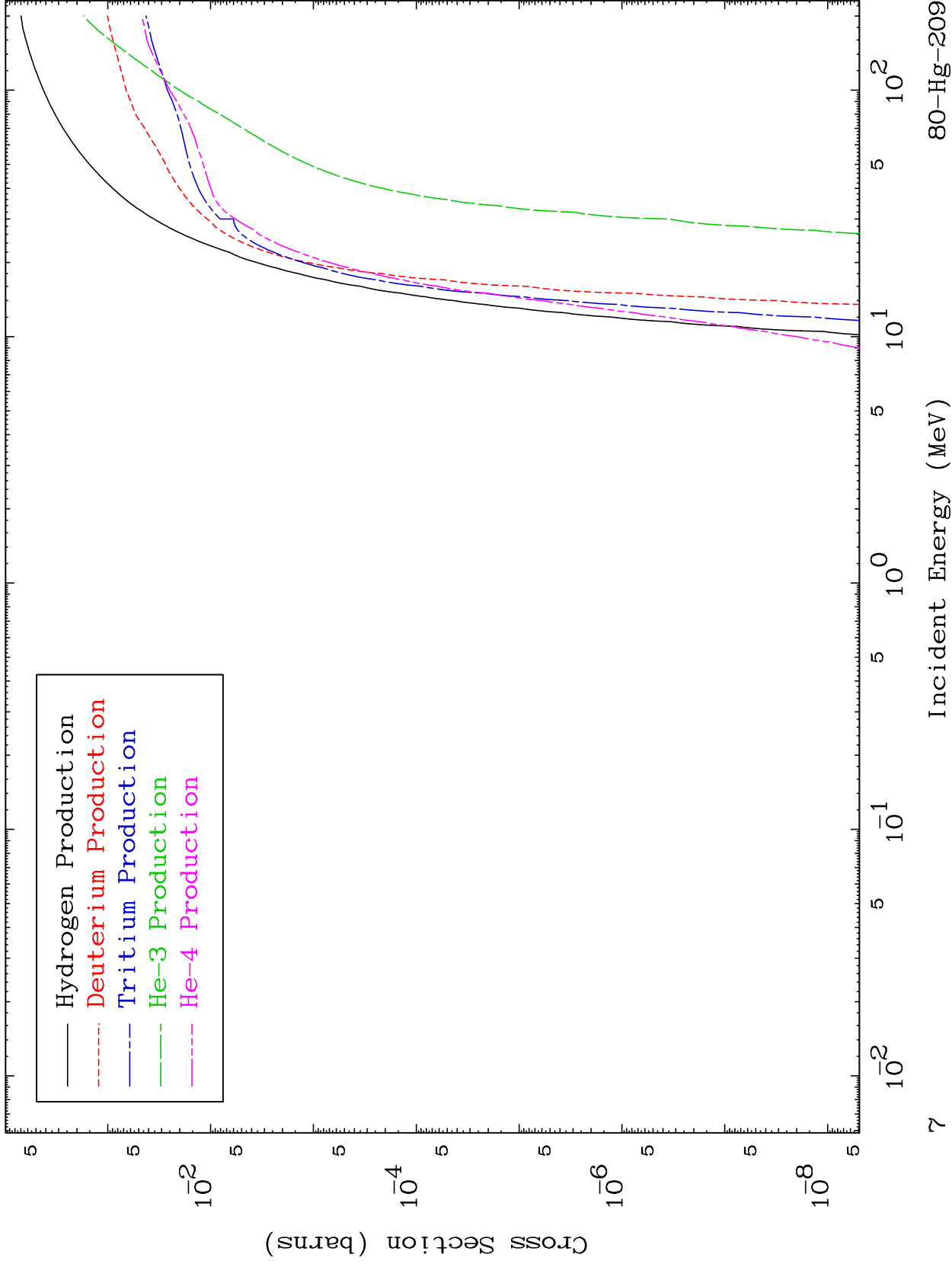
80-Hg-209



MAT 8064

Particle Production
293 Kelvin Cross Sections

80-Hg-209

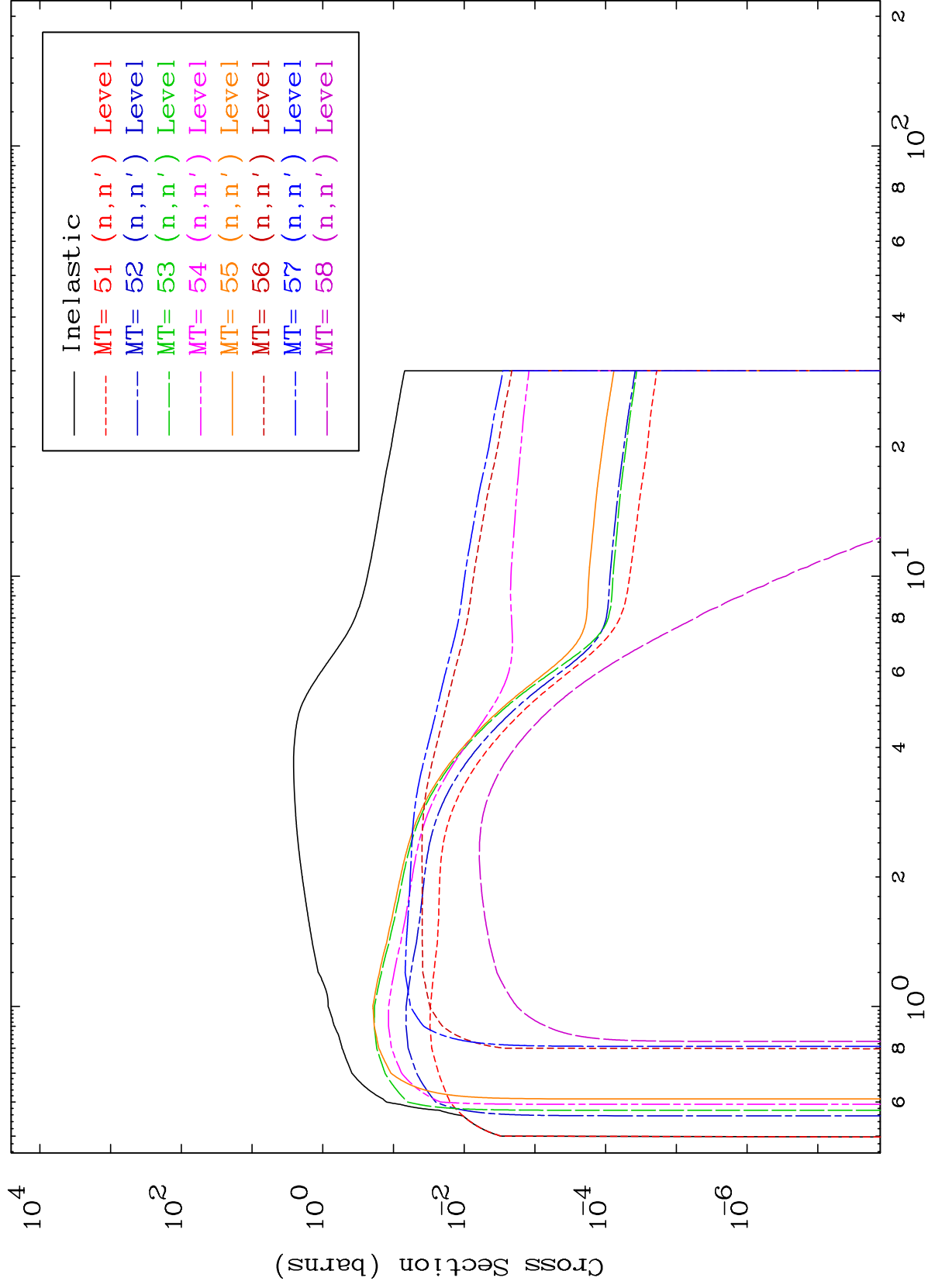


MAT 8064

(n,n') Levels

80-Hg-209

293 Kelvin Cross Sections



8

Incident Energy (MeV)

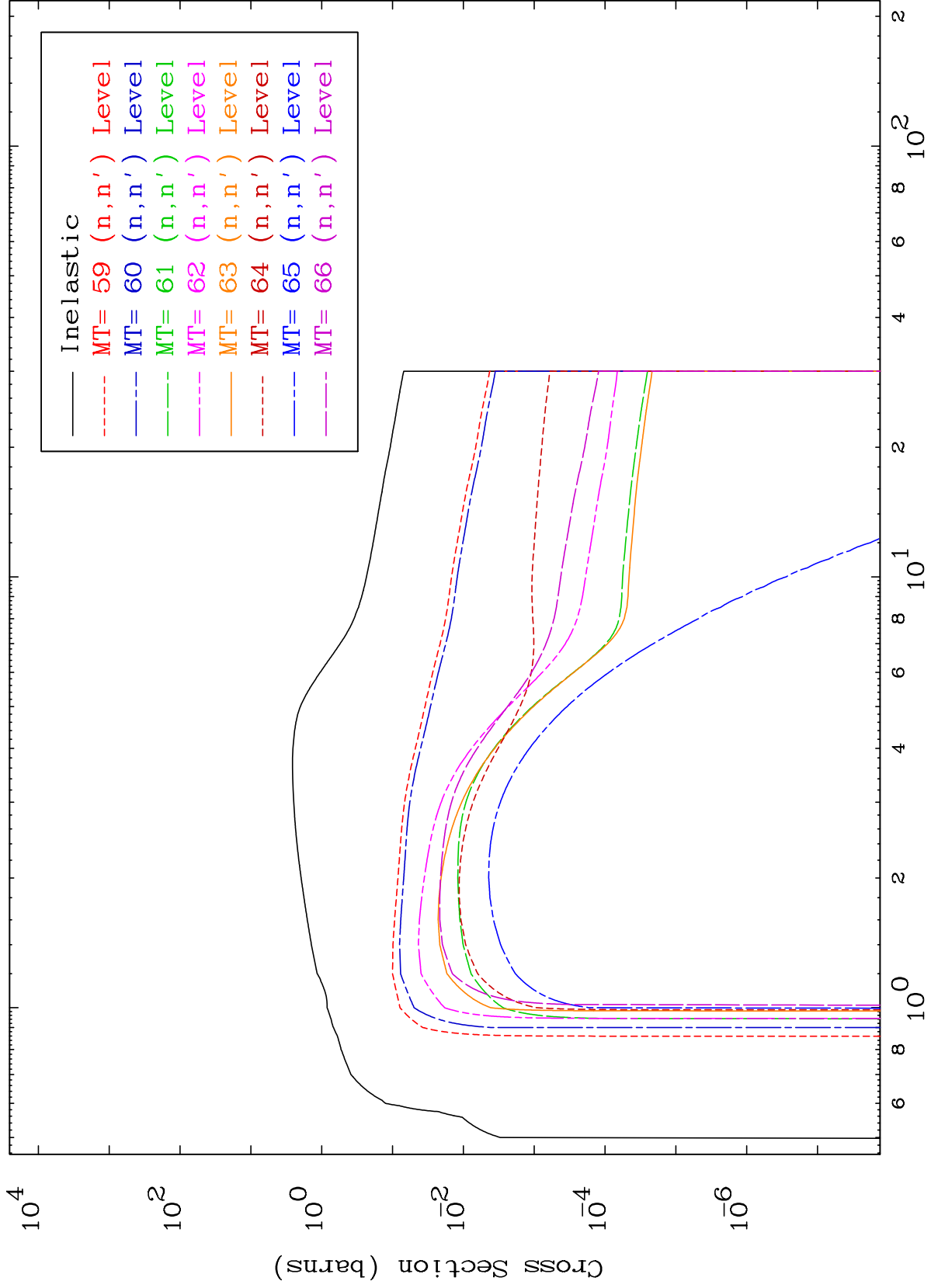
80-Hg-209

MAT 8064

(n,n') Levels

80-Hg-209

293 Kelvin Cross Sections



9

Incident Energy (MeV)

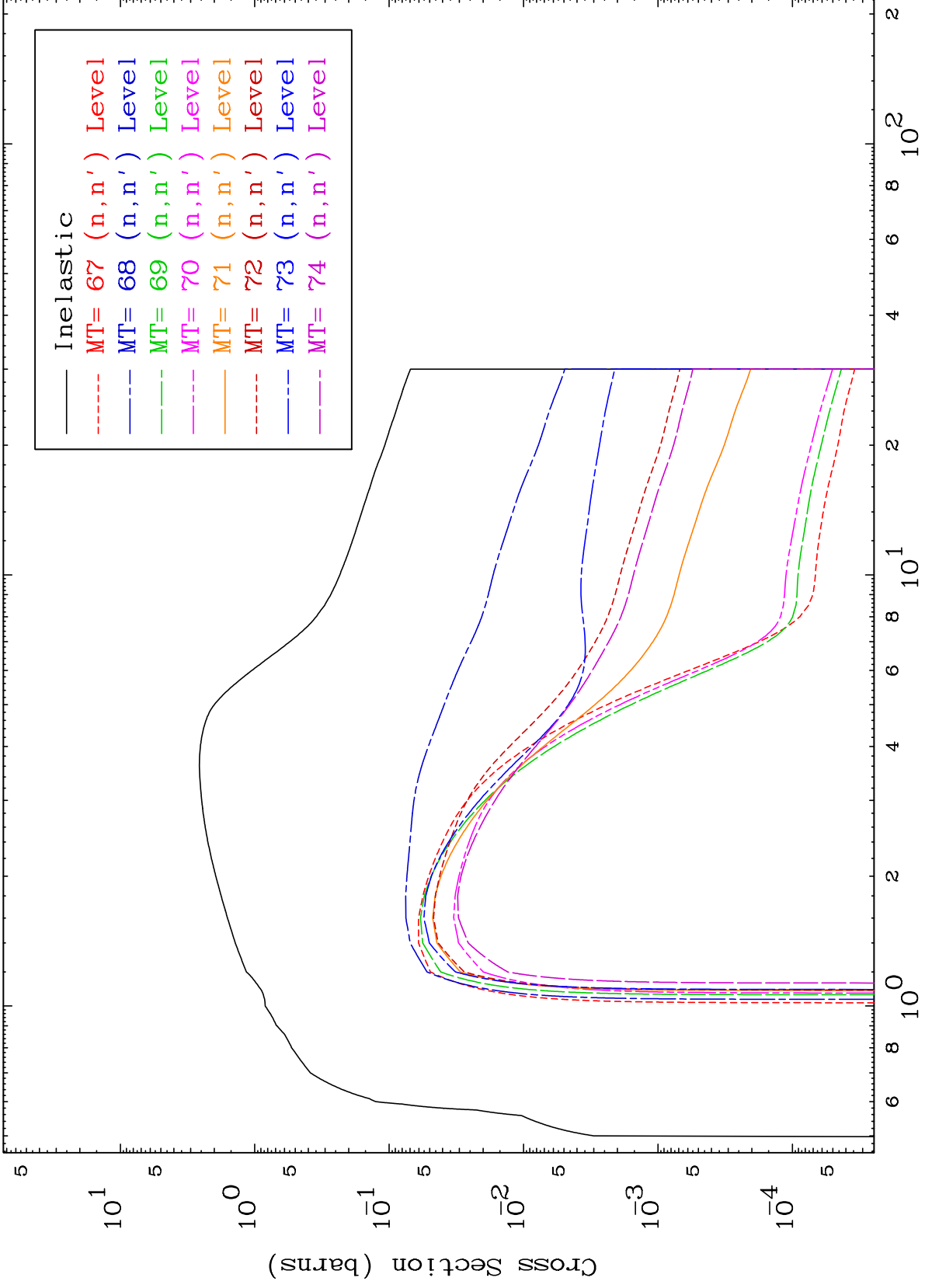
80-Hg-209

MAT 8064

(n,n') Levels

80-Hg-209

293 Kelvin Cross Sections



10

Incident Energy (MeV)

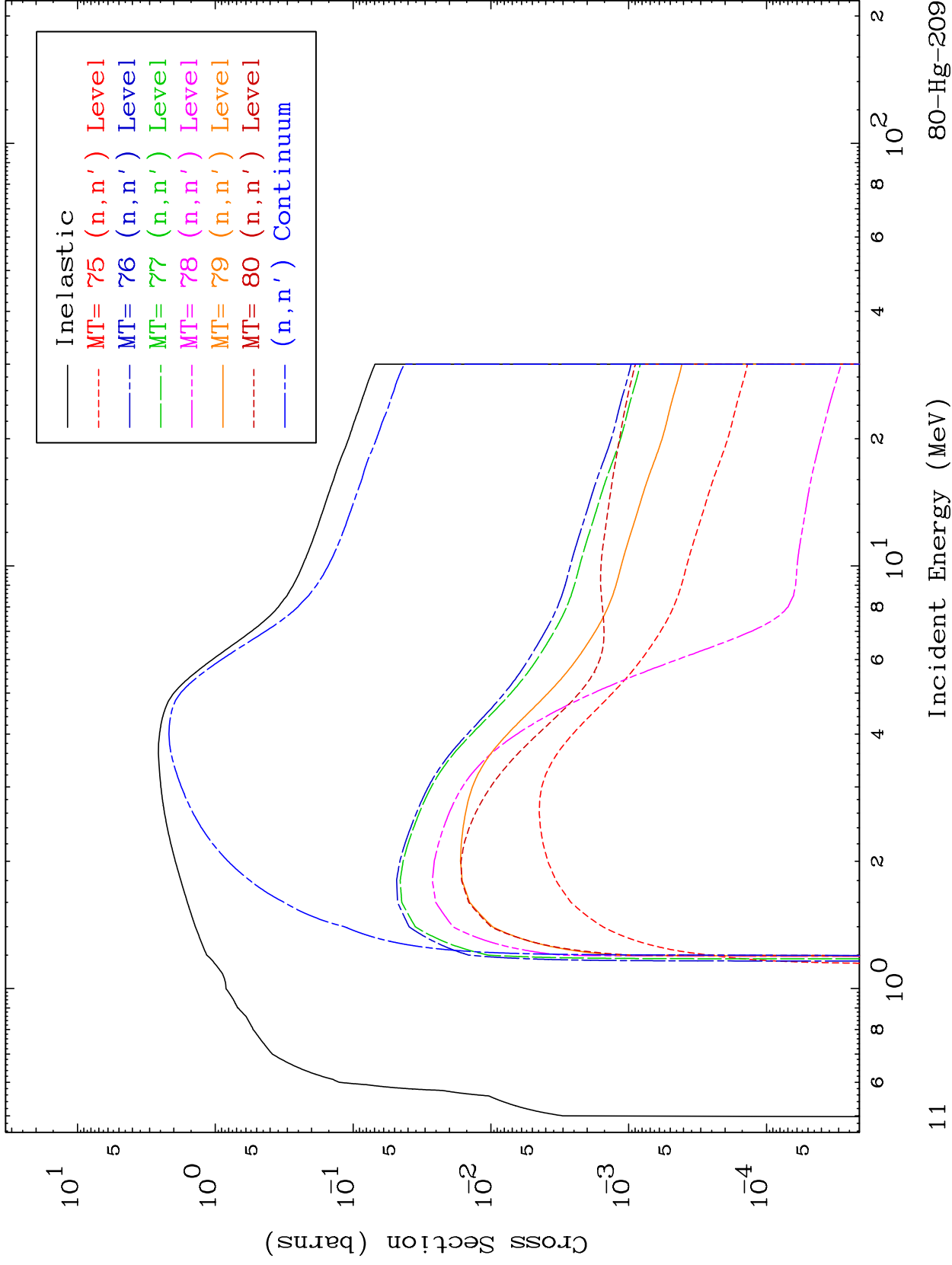
80-Hg-209

MAT 8064

(n,n') Levels

80-Hg-209

293 Kelvin Cross Sections



11

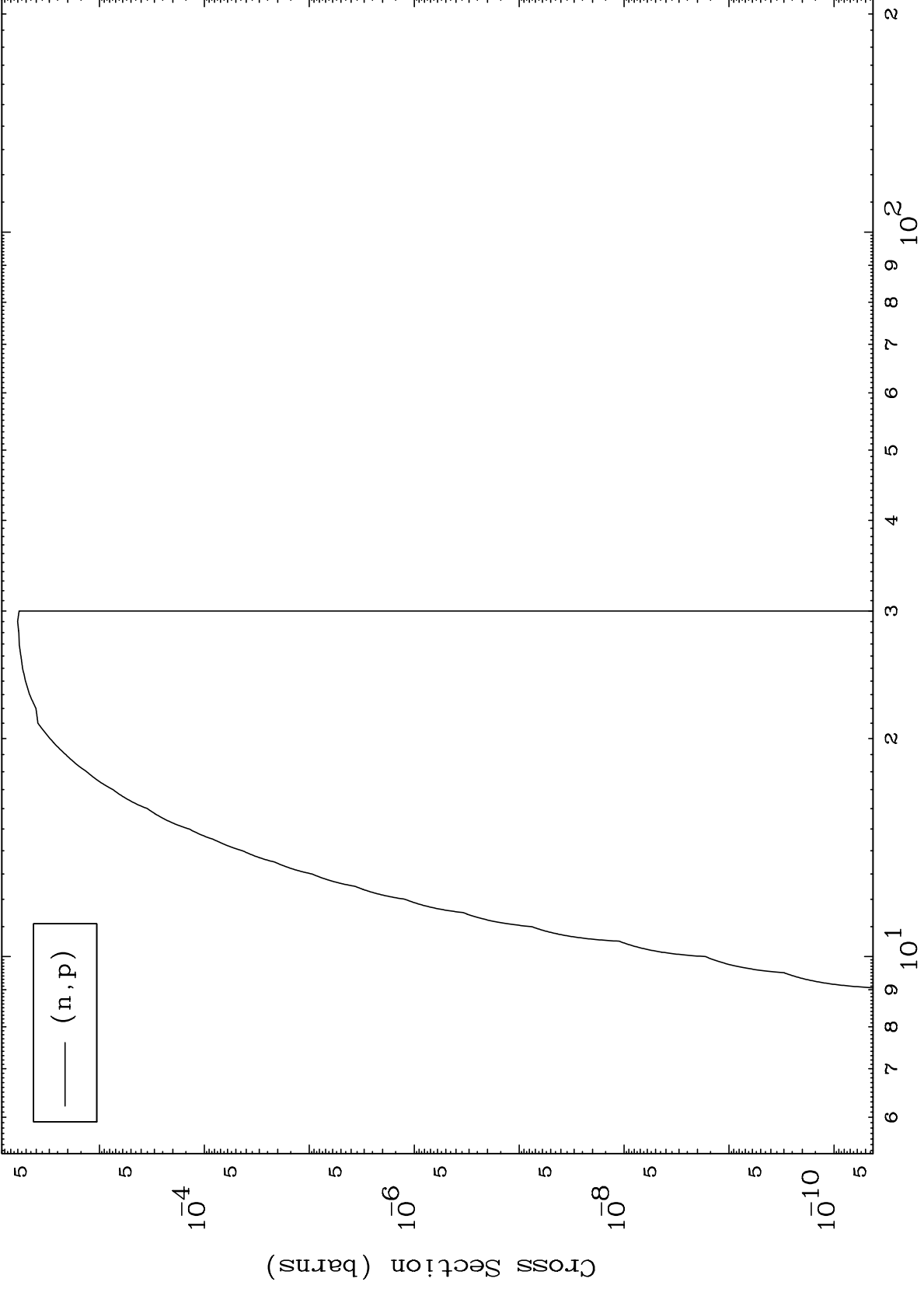
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-209



12

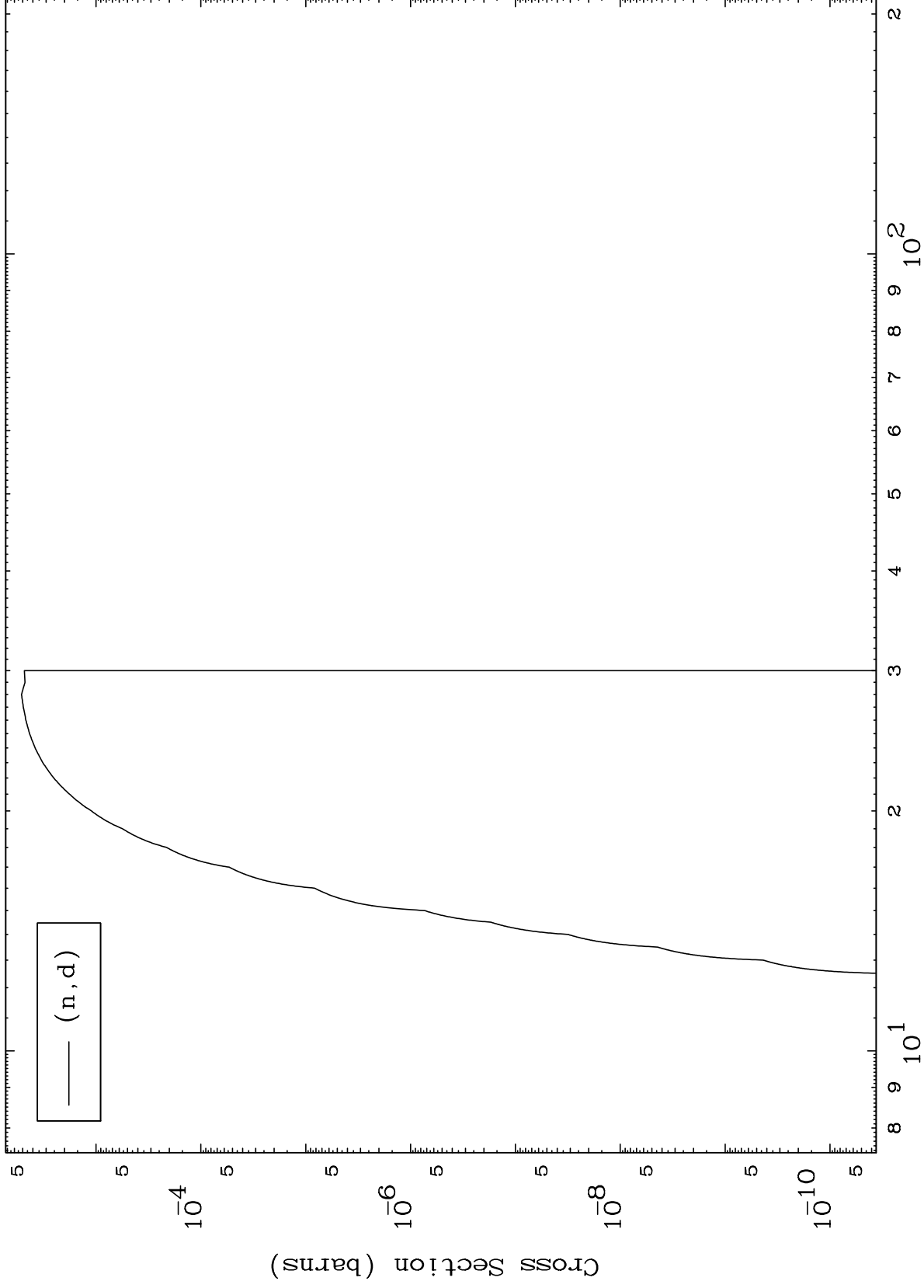
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-209



13

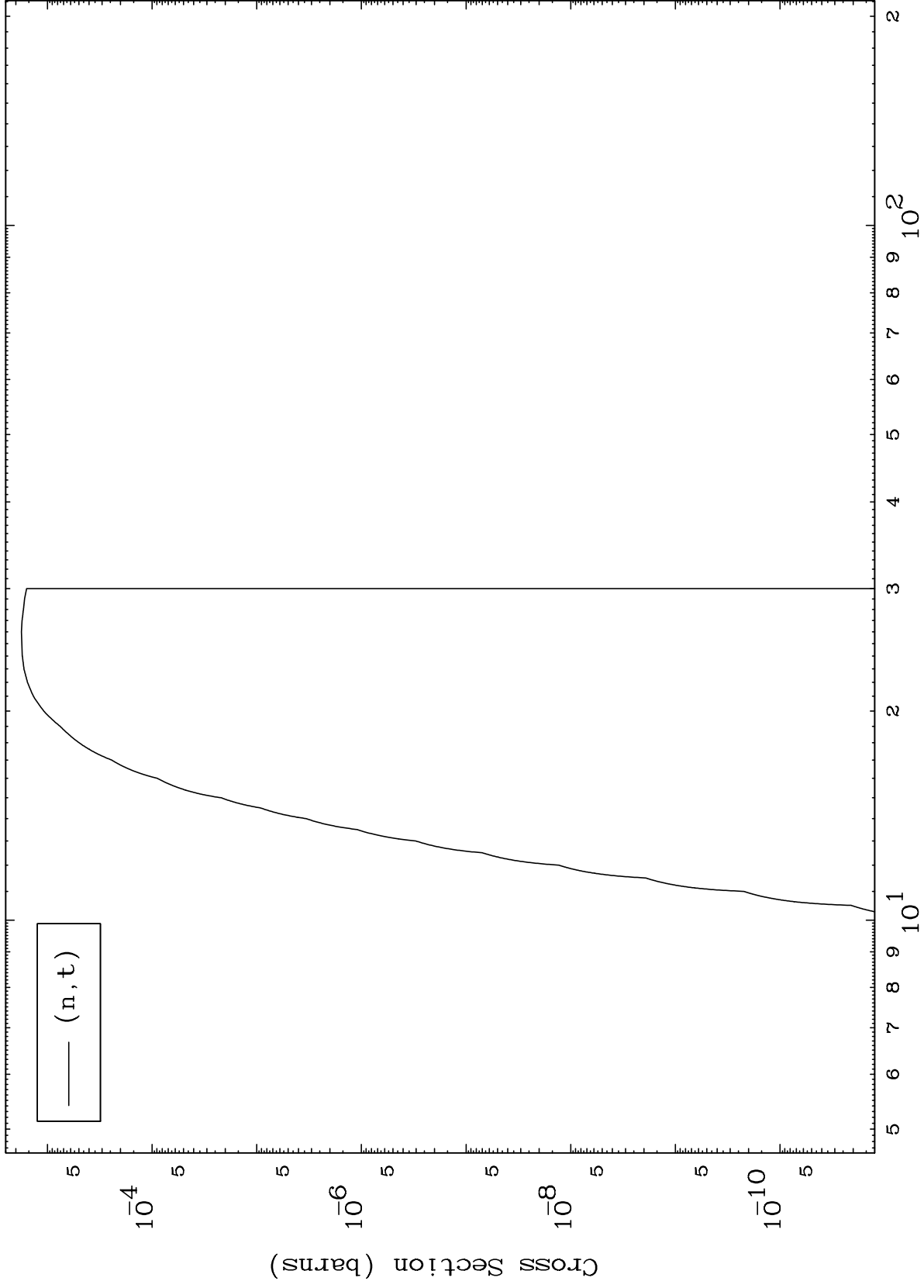
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-209



14

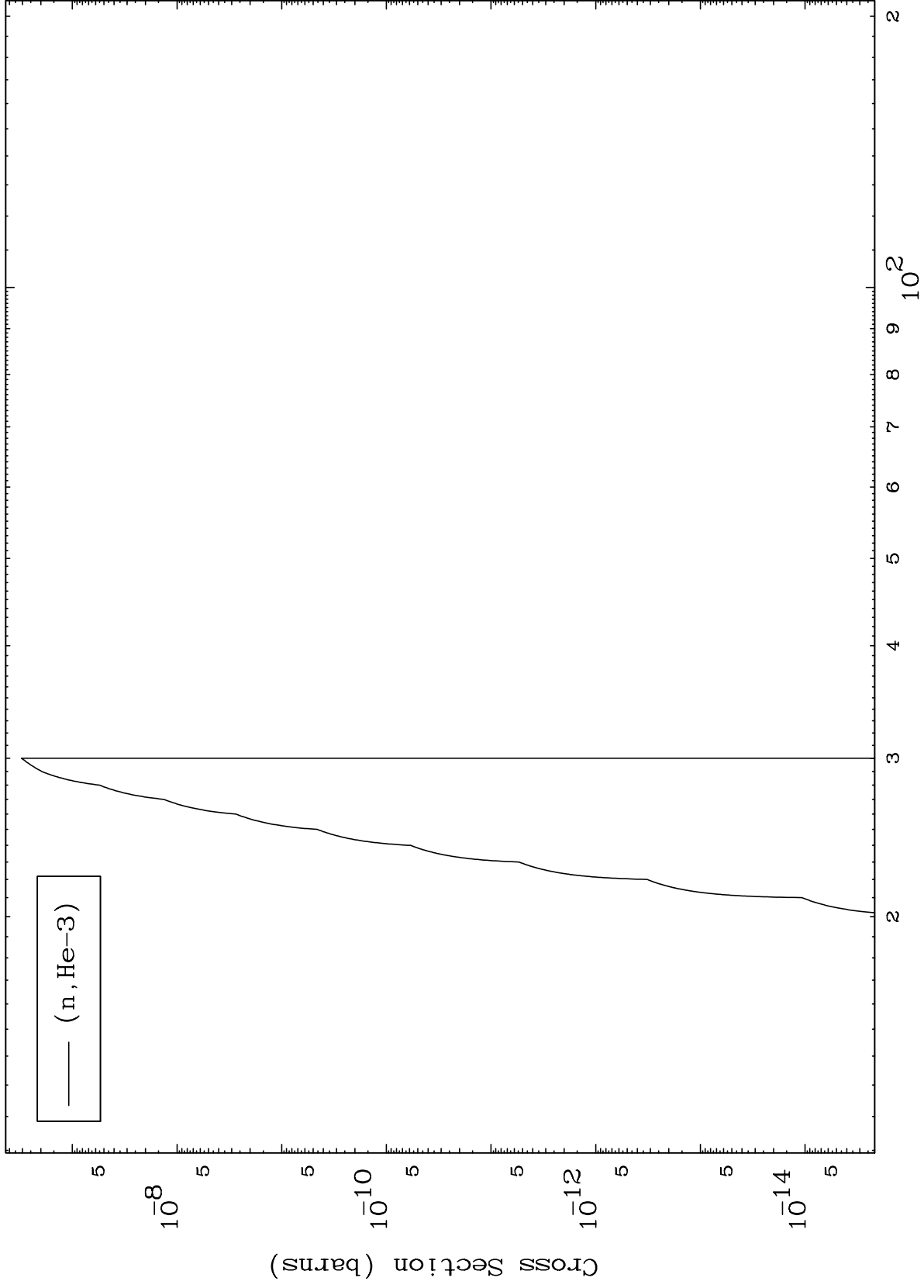
Incident Energy (MeV)

80-Hg-209

MAT 8064

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-209



15

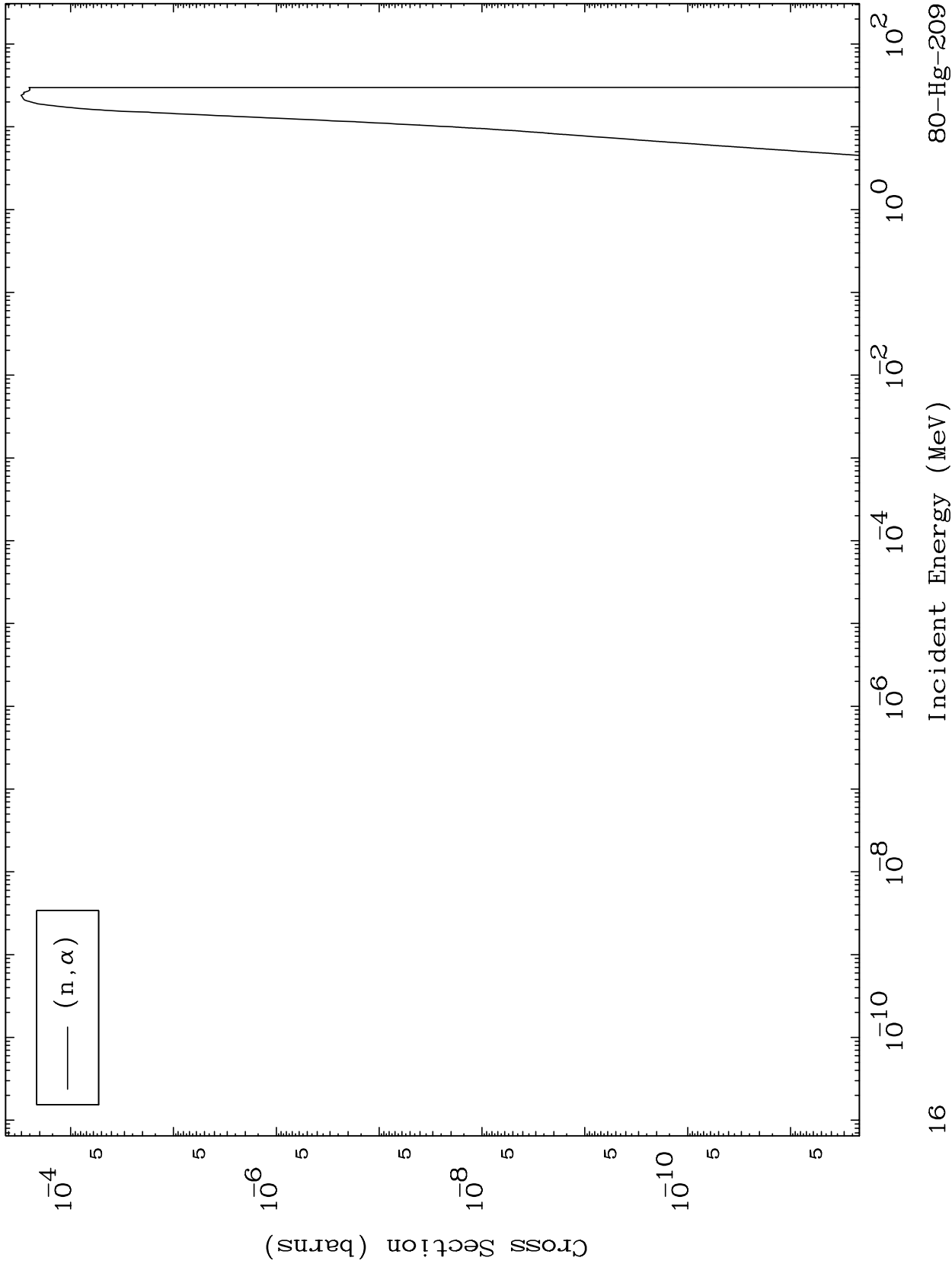
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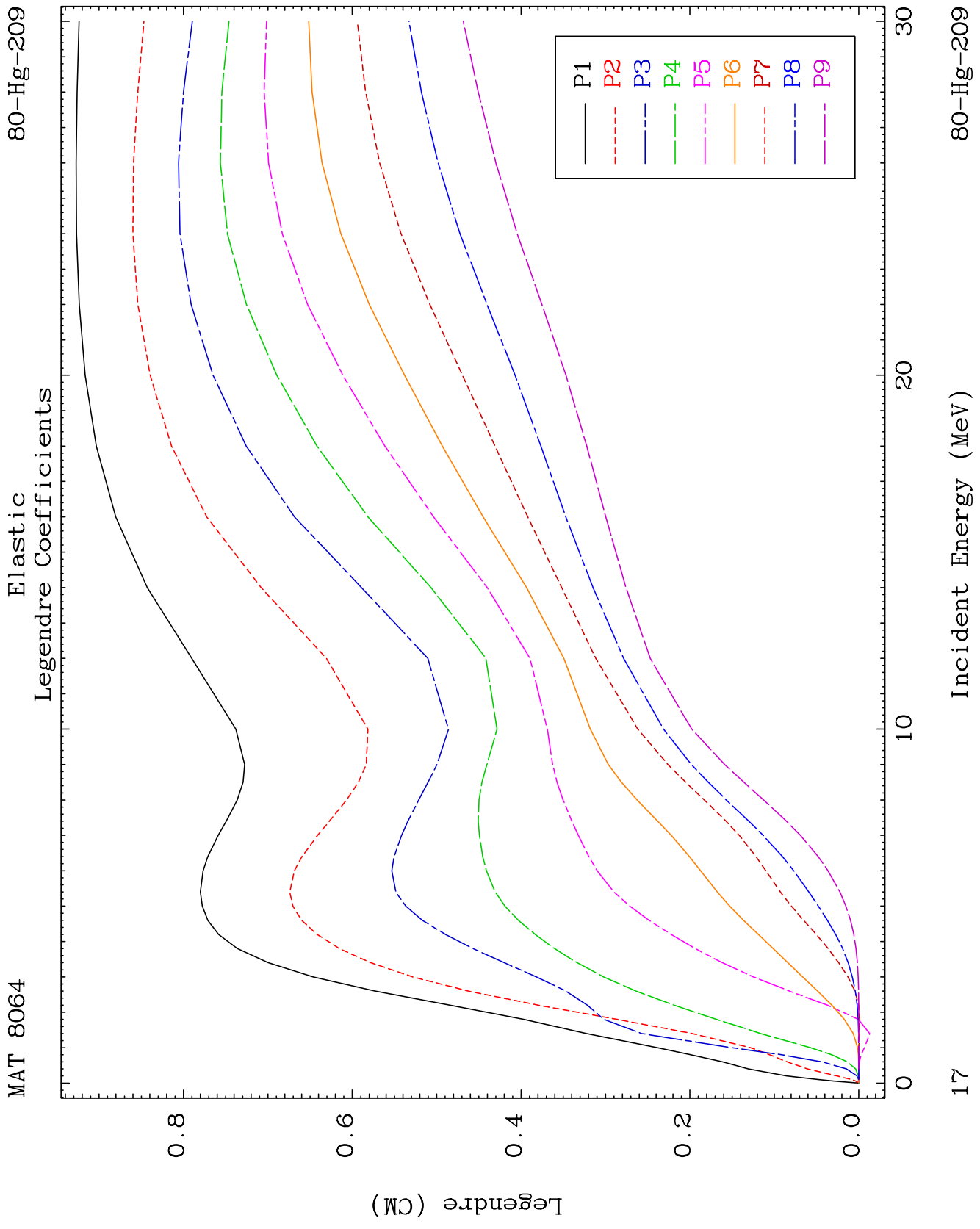
80-Hg-209

MAT 8064

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-209



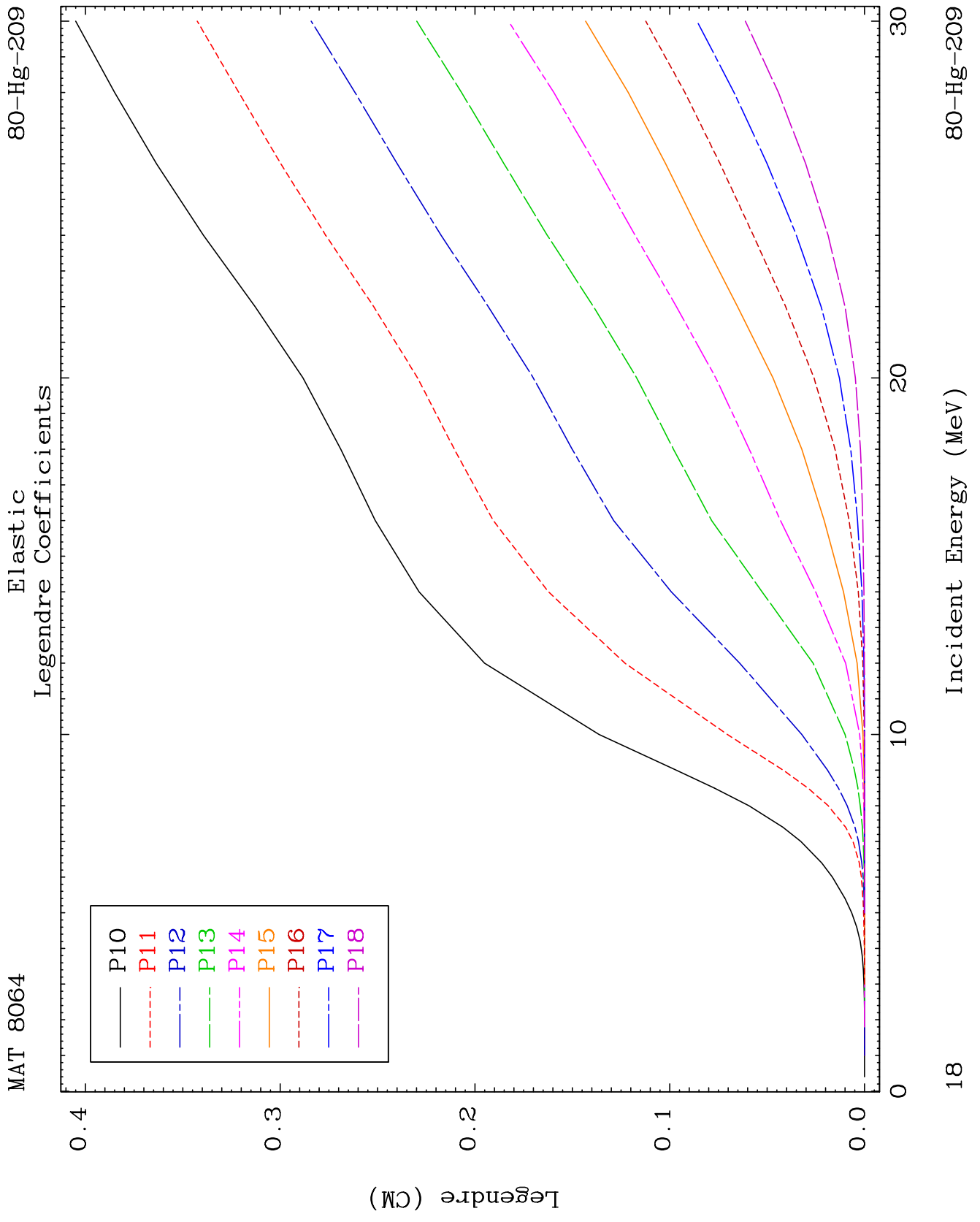


MAT 8064

80-Hg-209

17

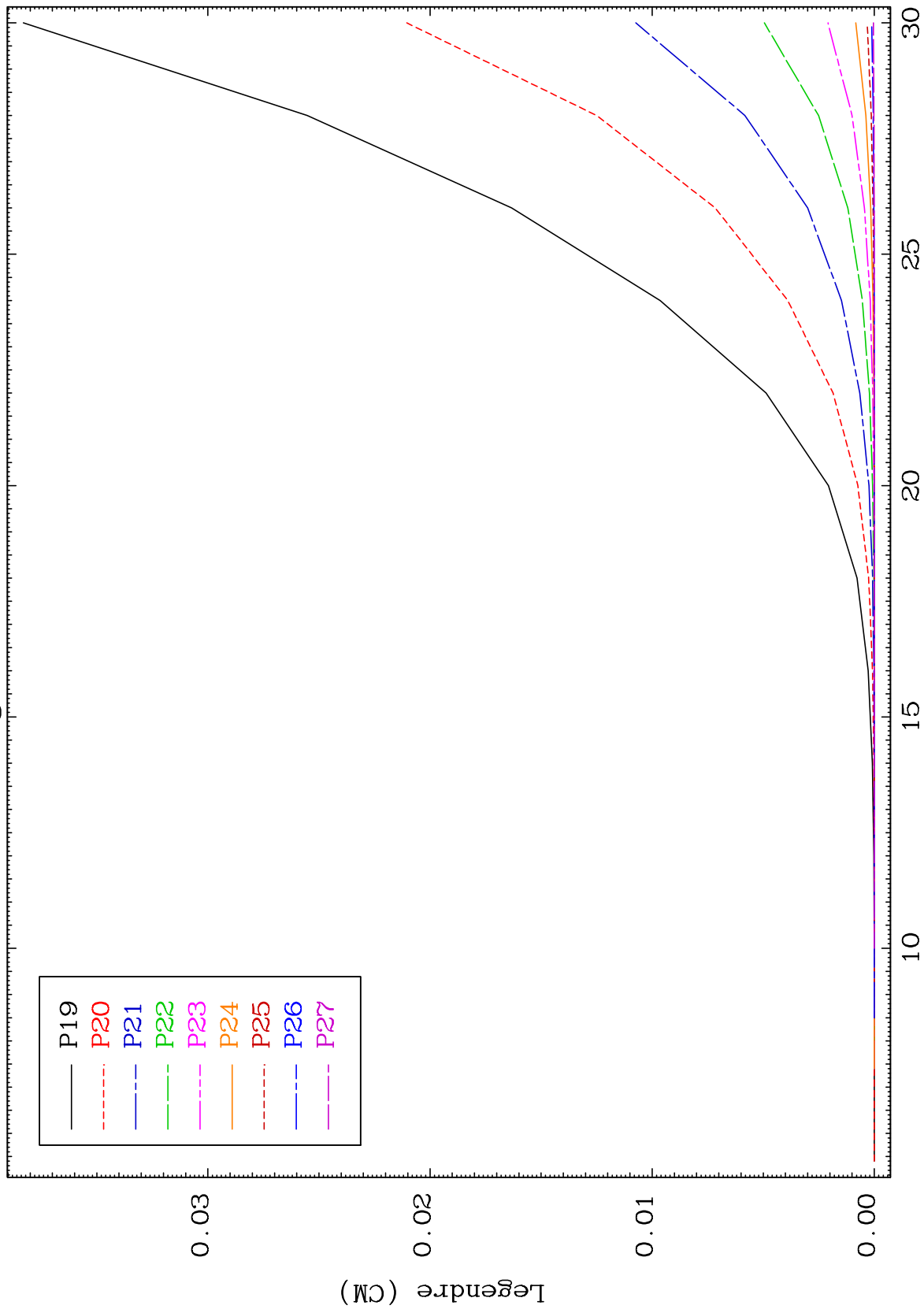
80-Hg-209



MAT 8064

Elastic Legendre Coefficients

80-Hg-209



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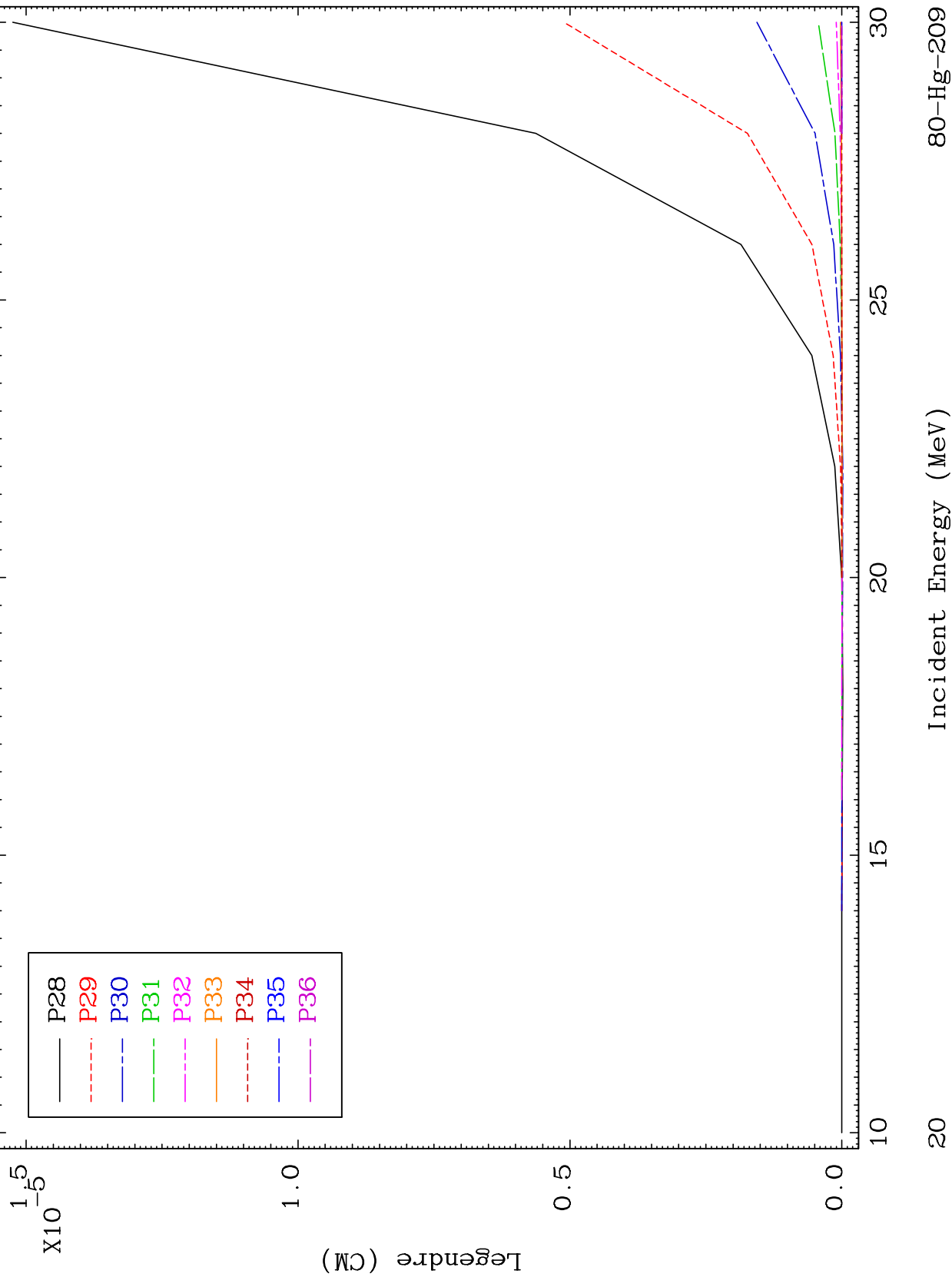
Incident Energy (MeV)

80-Hg-209

MAT 8064

Elastic Legendre Coefficients

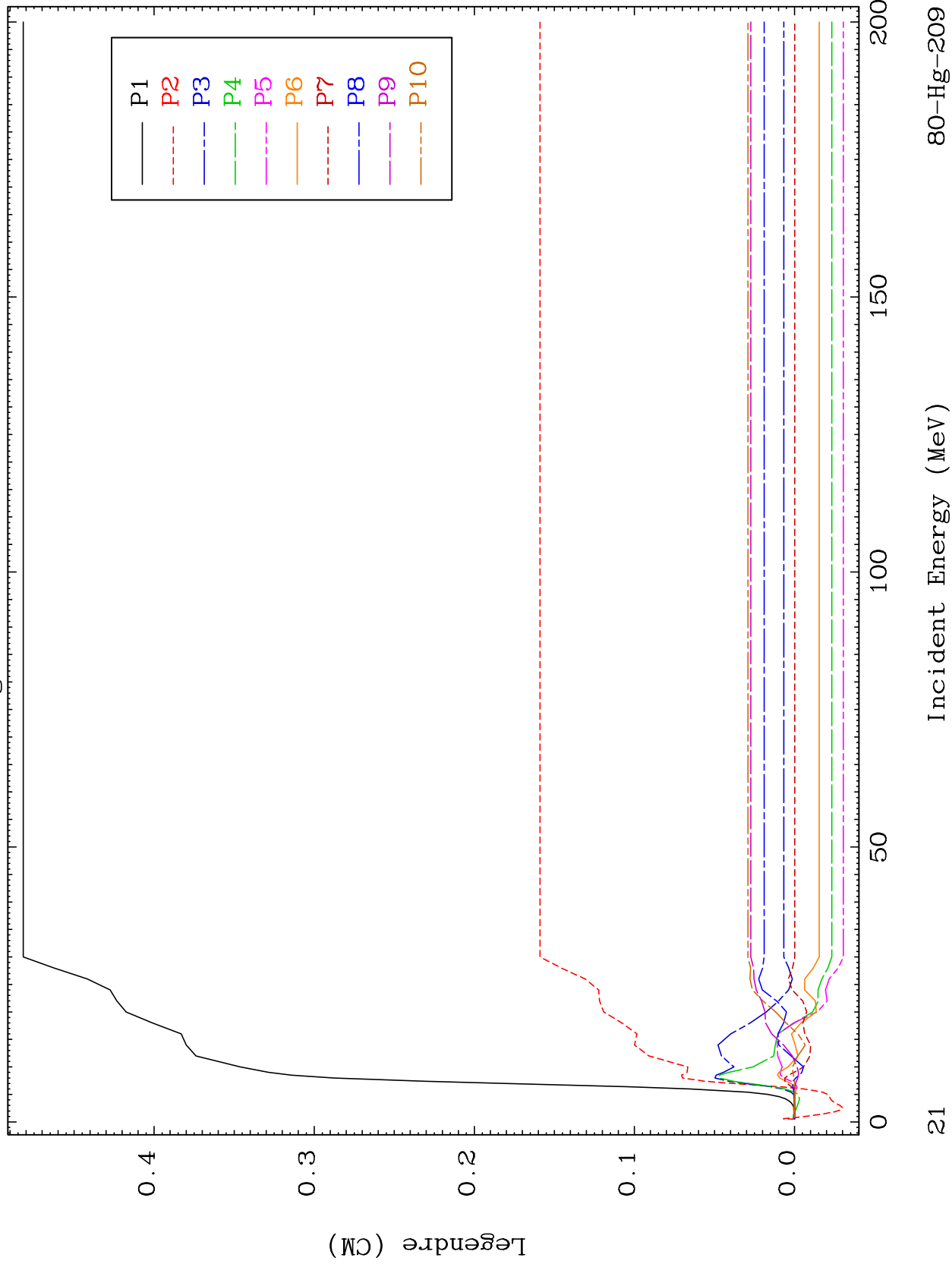
80-Hg-209



MAT 8064

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

80-Hg-209



80-Hg-209

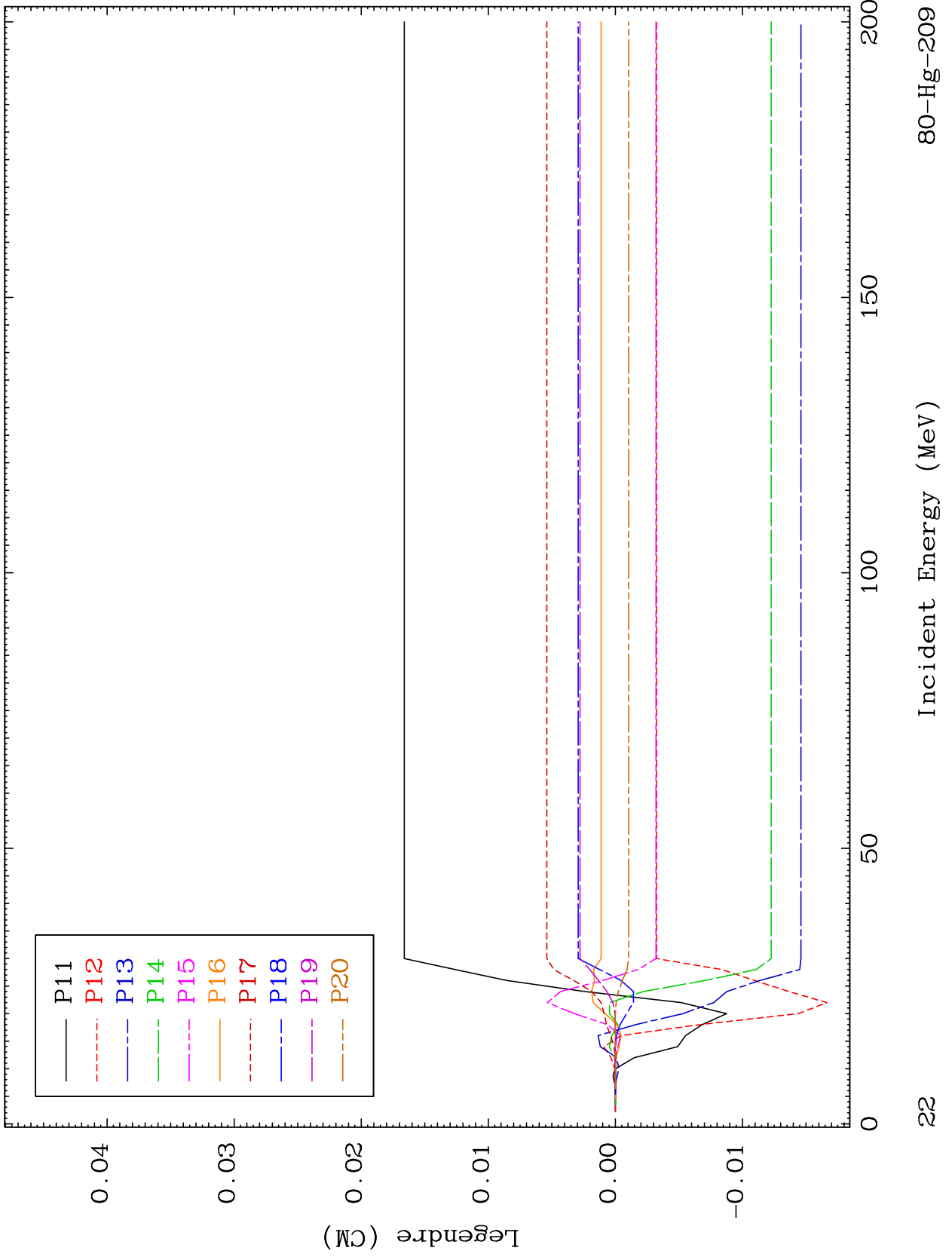
Incident Energy (MeV)

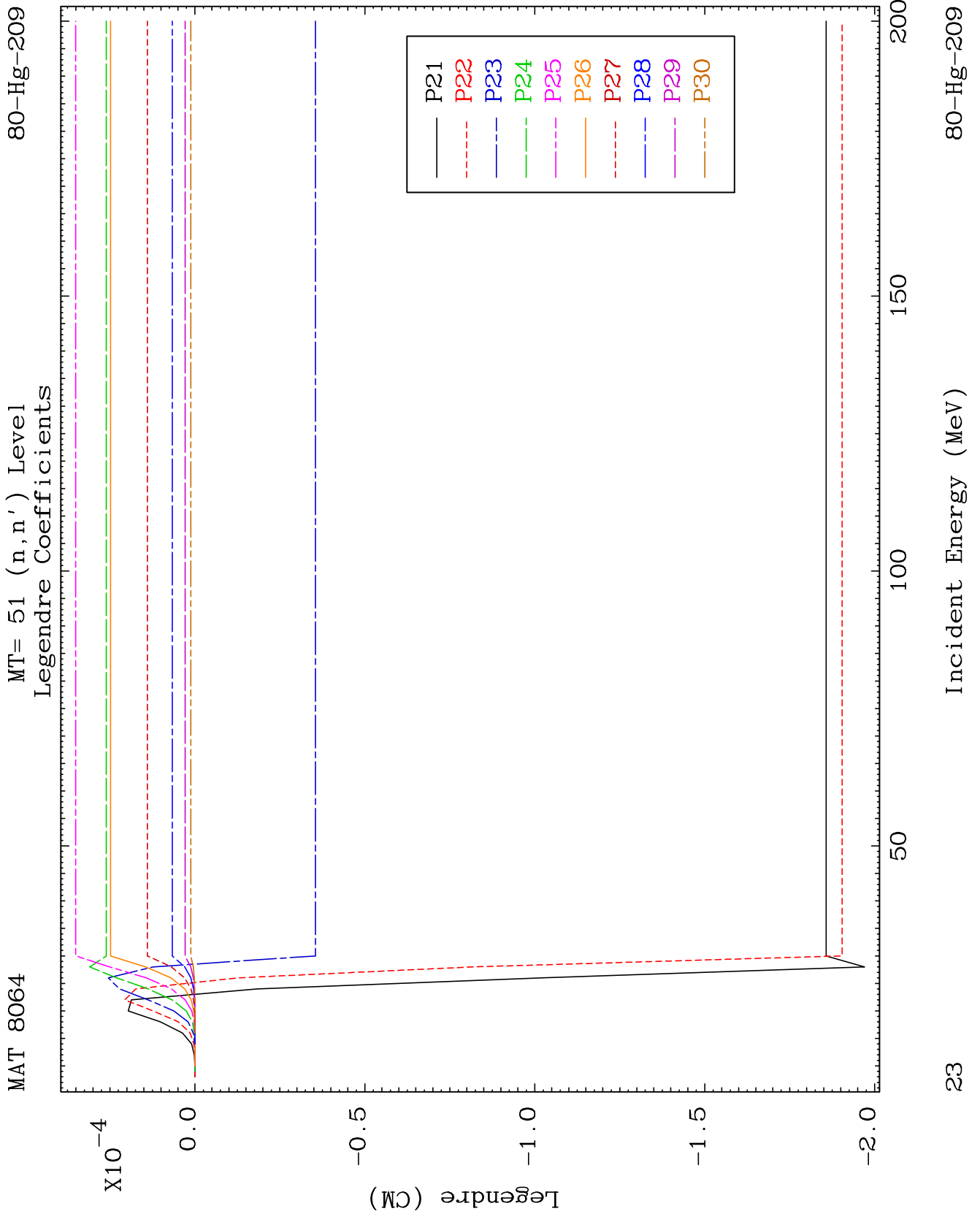
21

MAT 8064

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

80-Hg-209

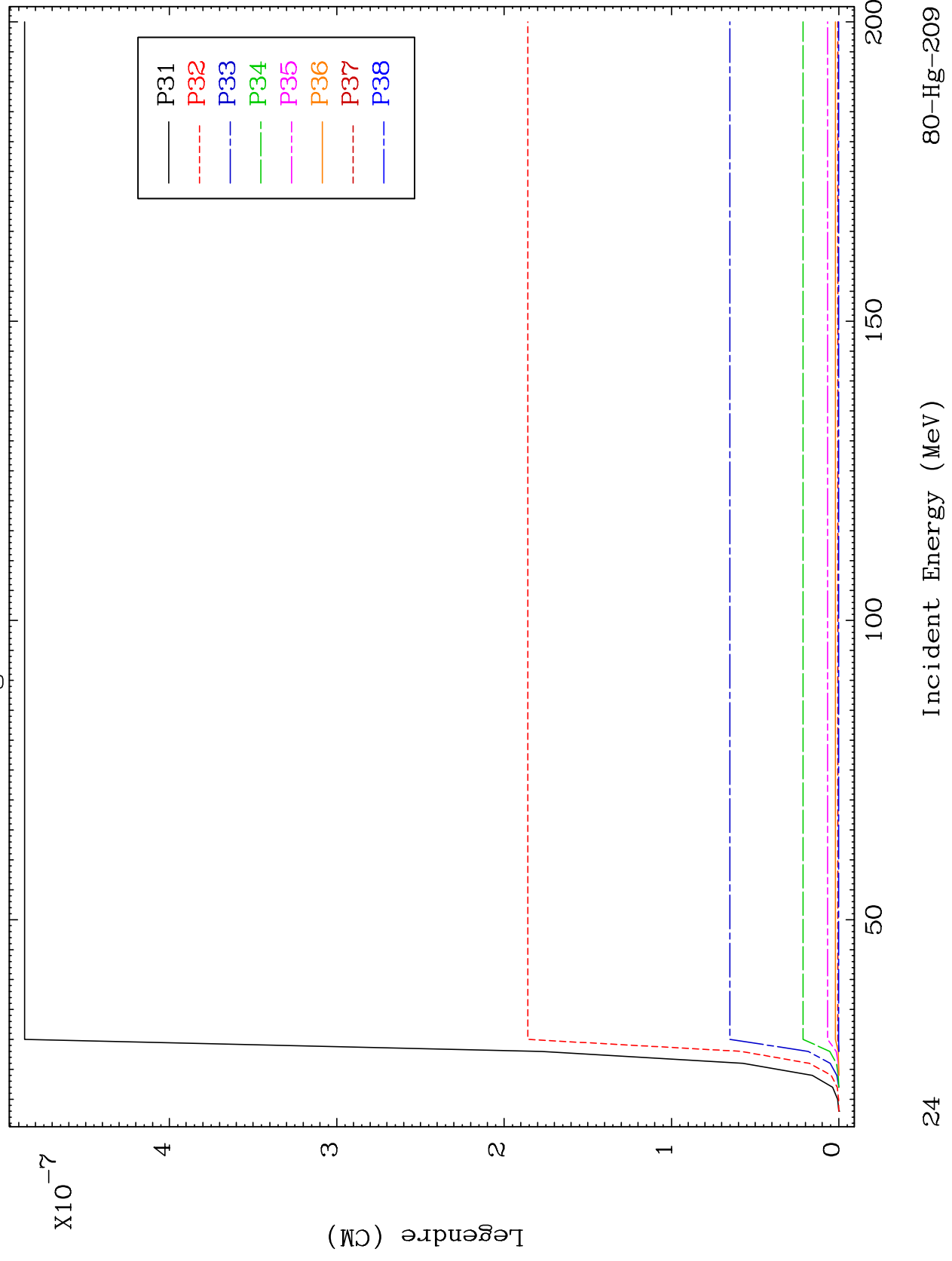




MAT 8064

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

80-Hg-209



24

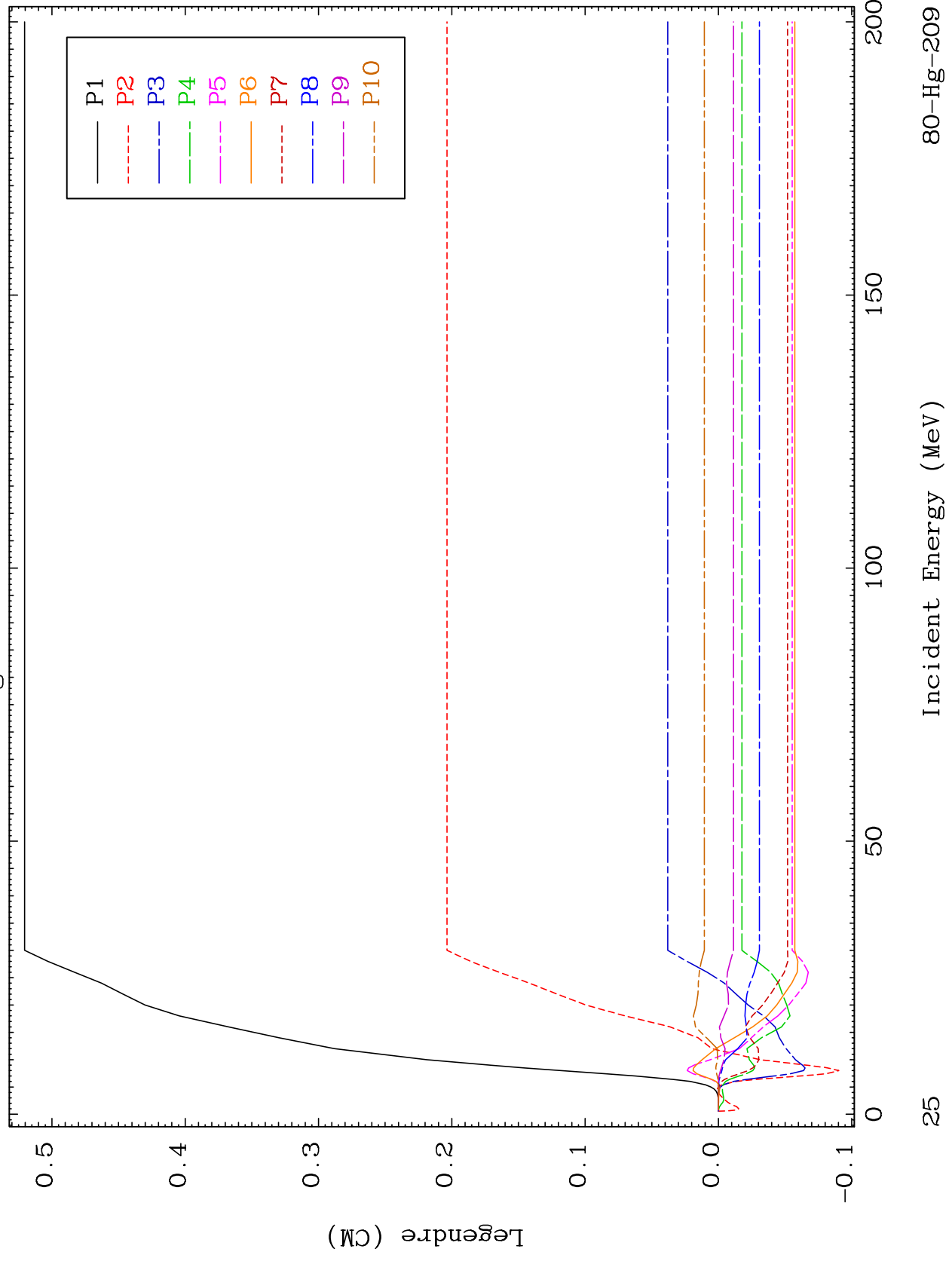
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



80-Hg-209

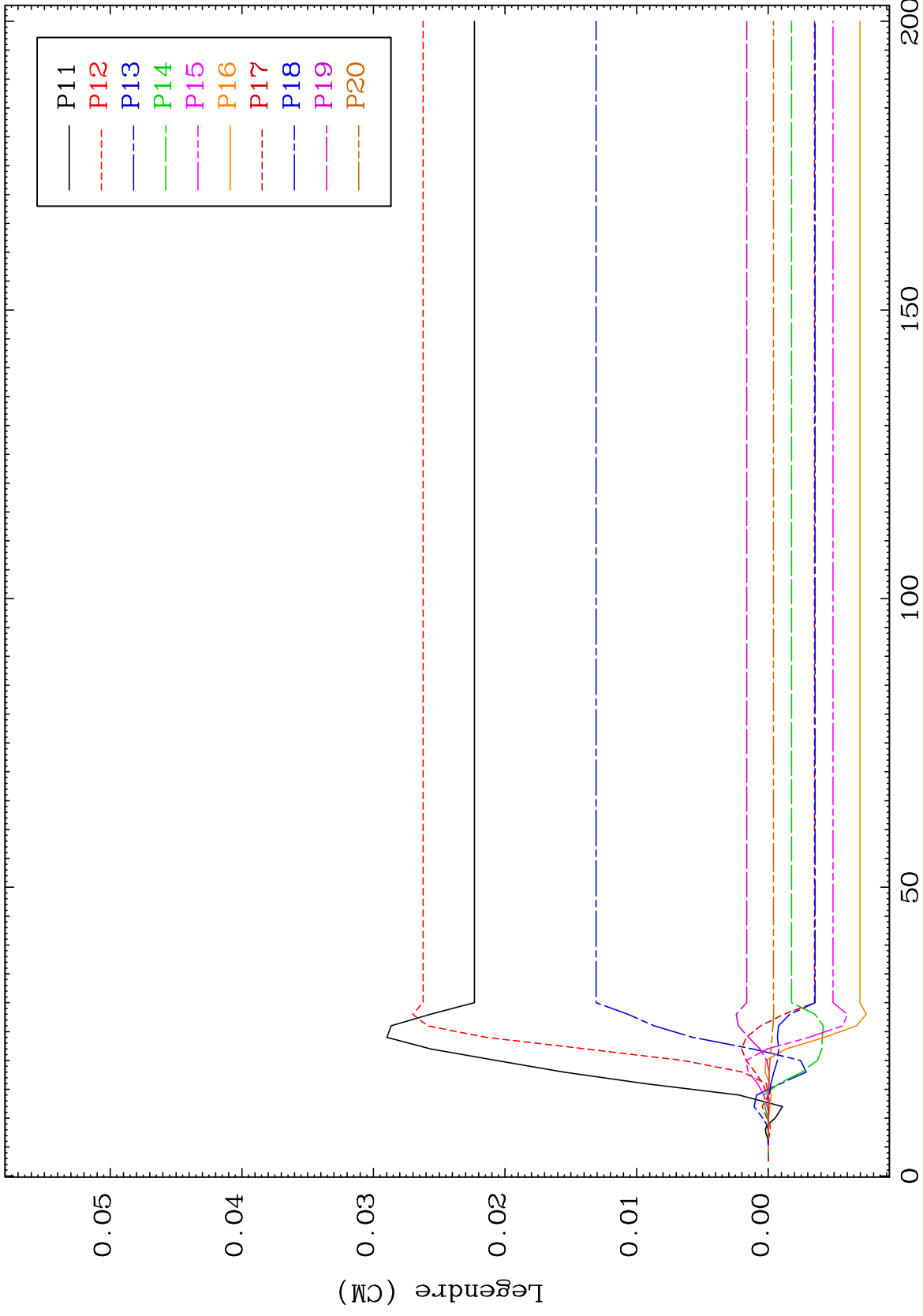
Incident Energy (MeV)

25

MAT 8064

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

80-Hg-209



26

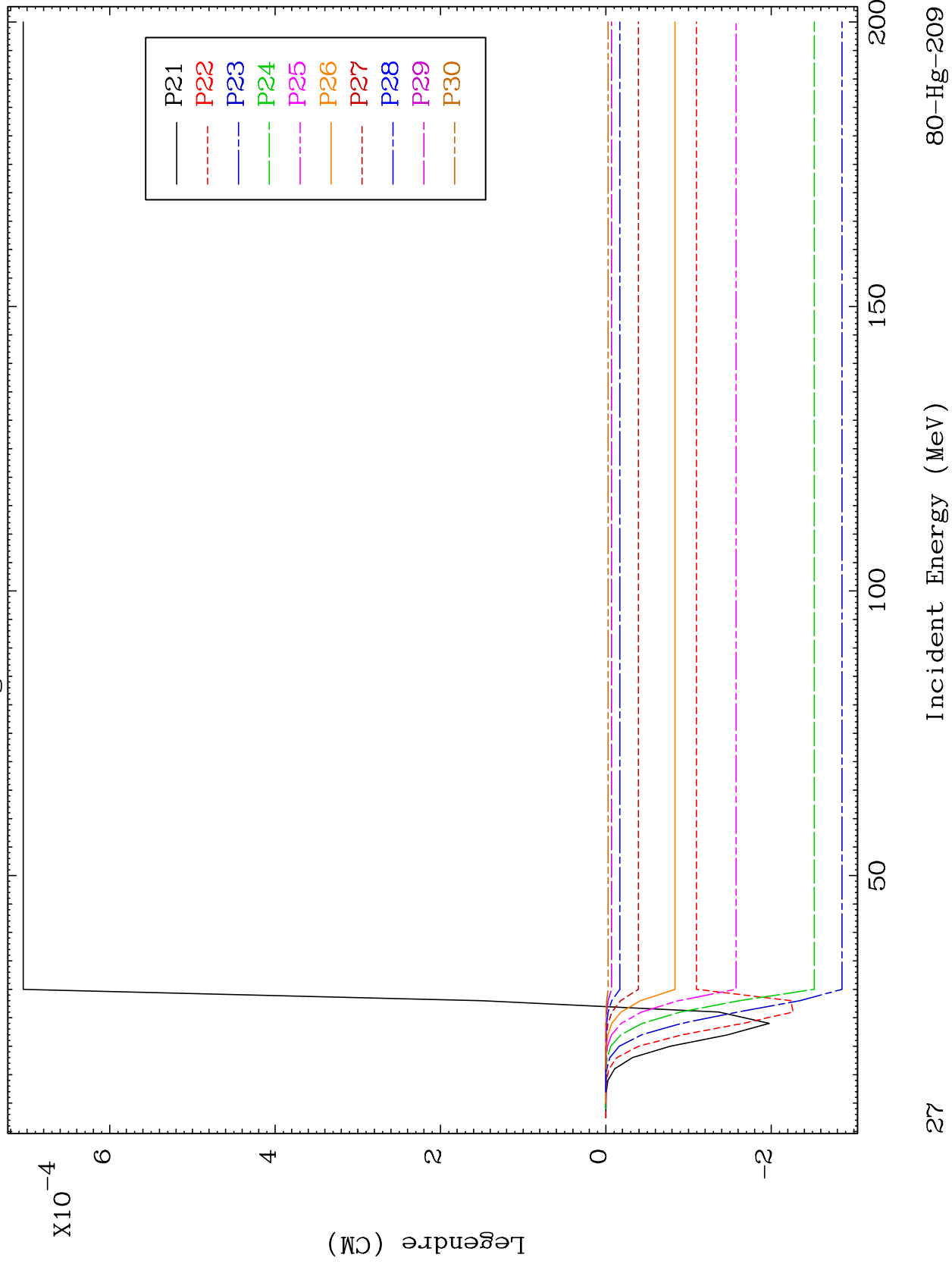
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

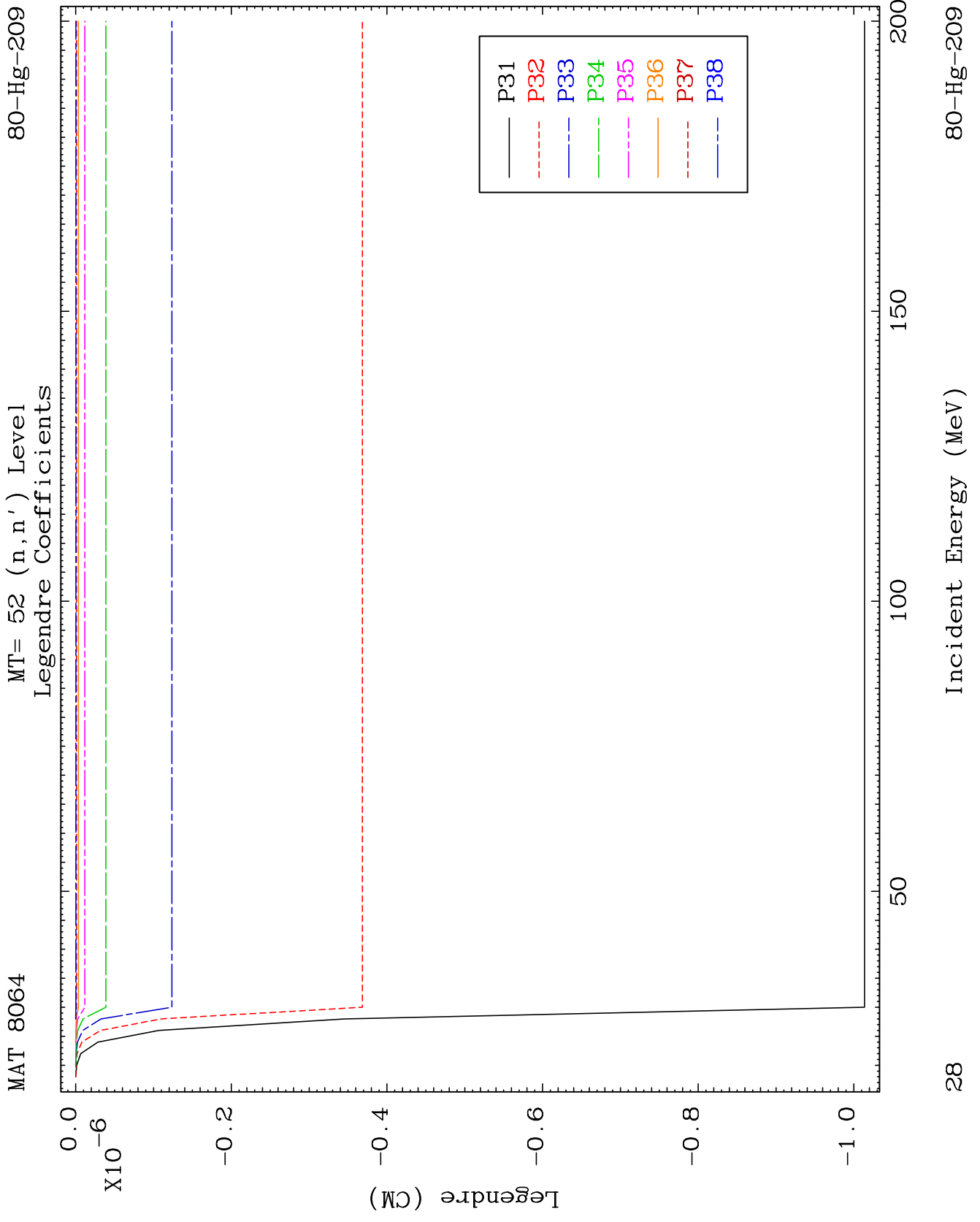
80-Hg-209



27

Incident Energy (MeV)

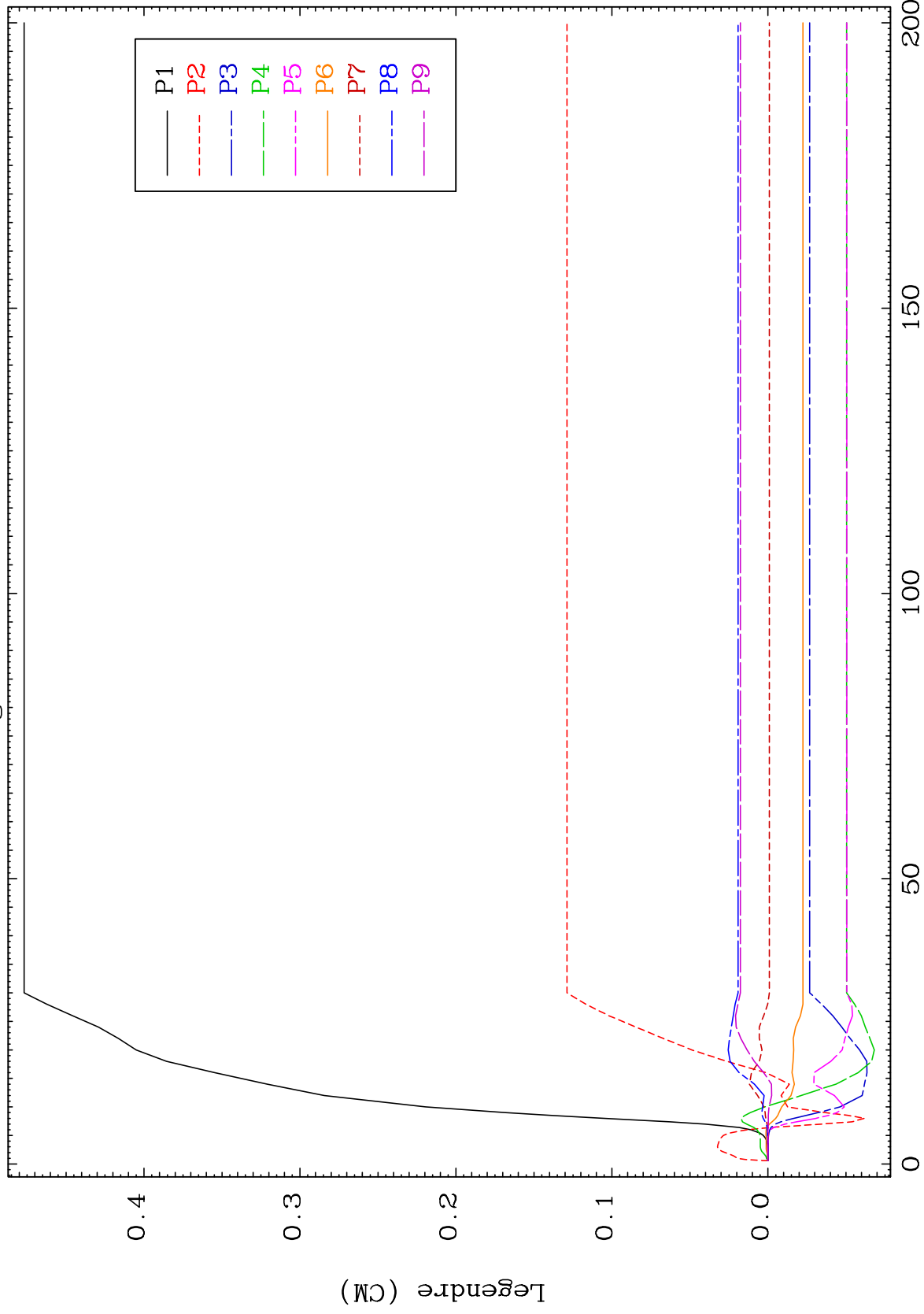
80-Hg-209



MAT 8064

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

80-Hg-209



29

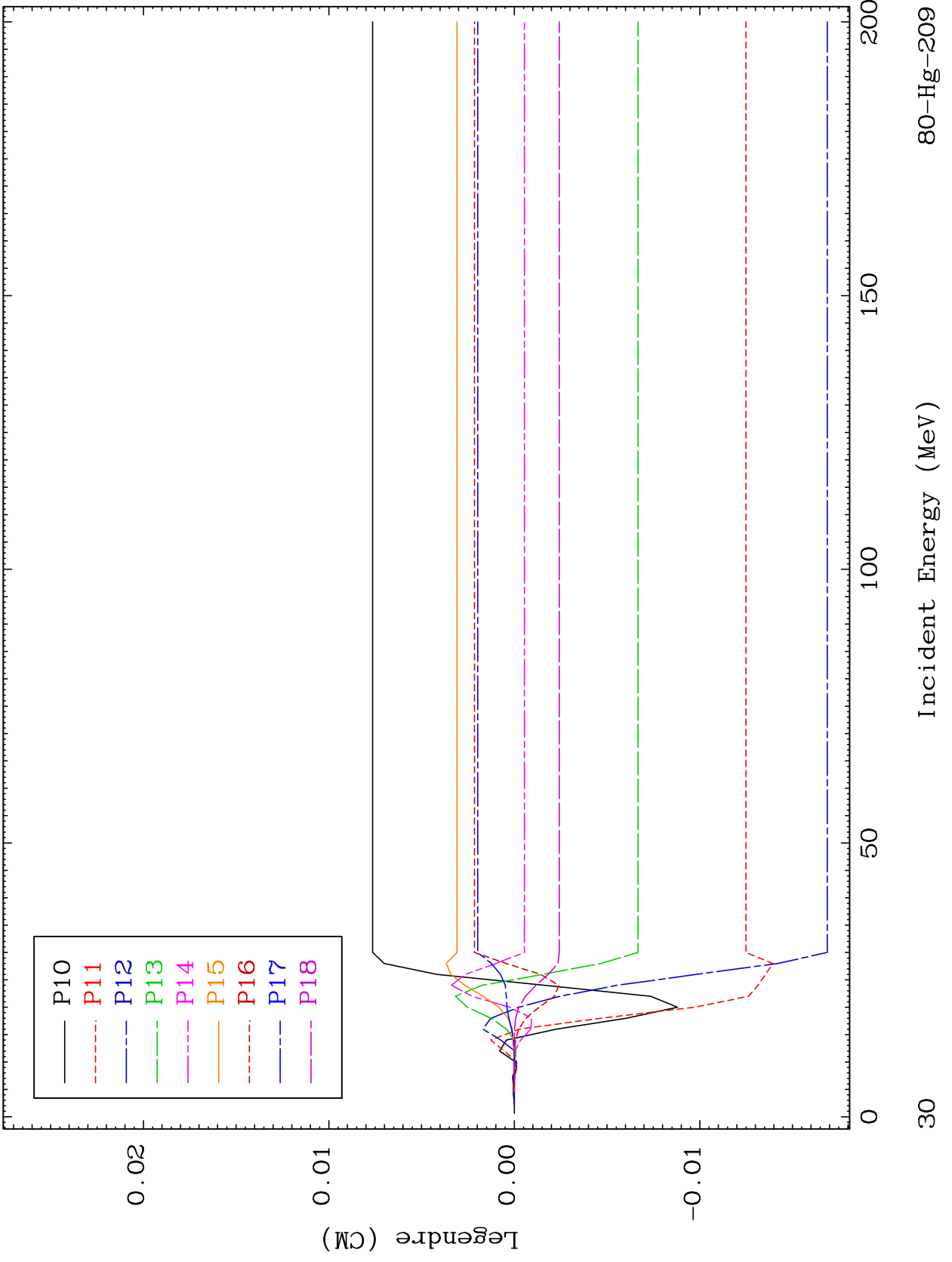
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

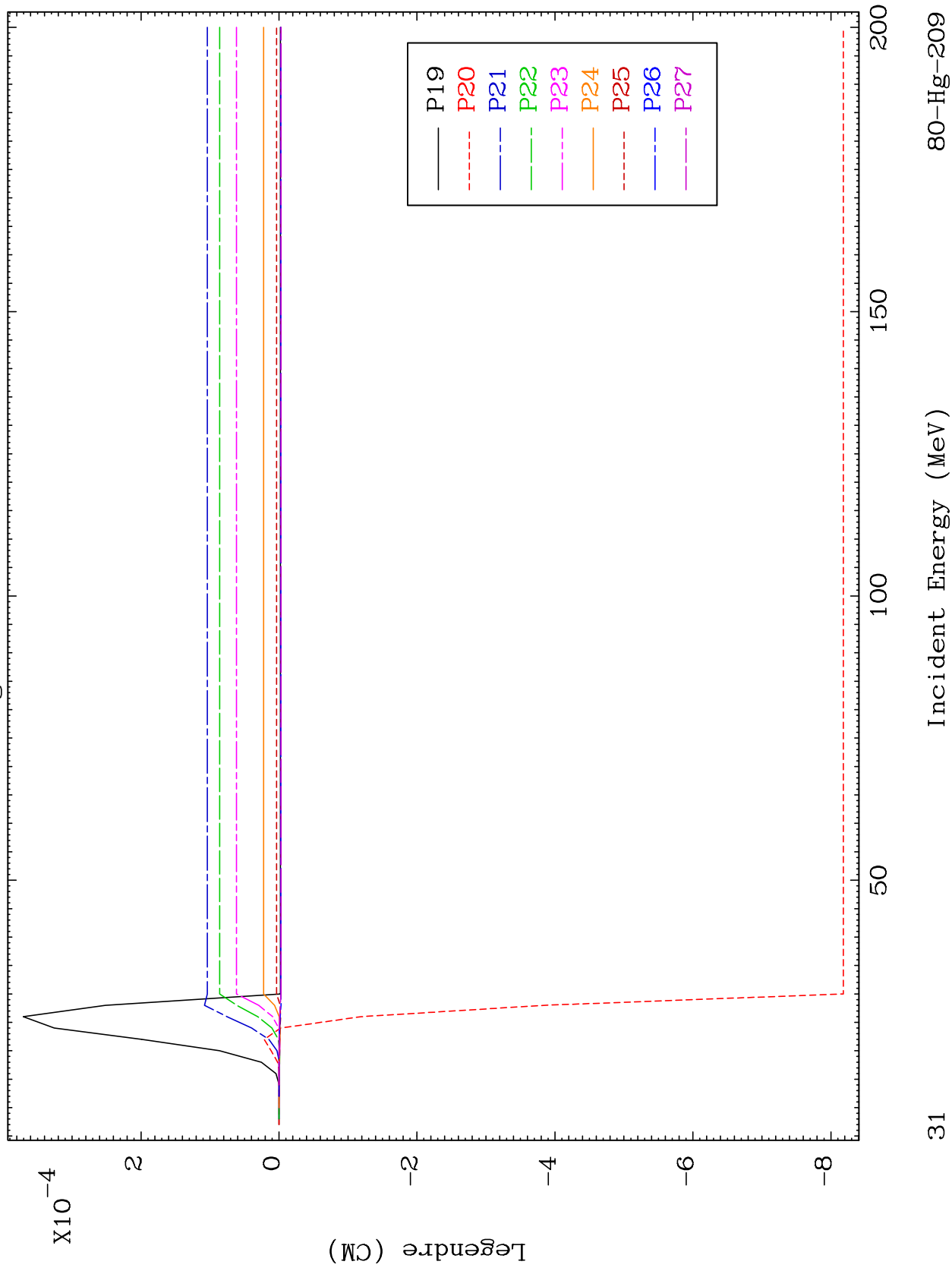
80-Hg-209



MAT 8064

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

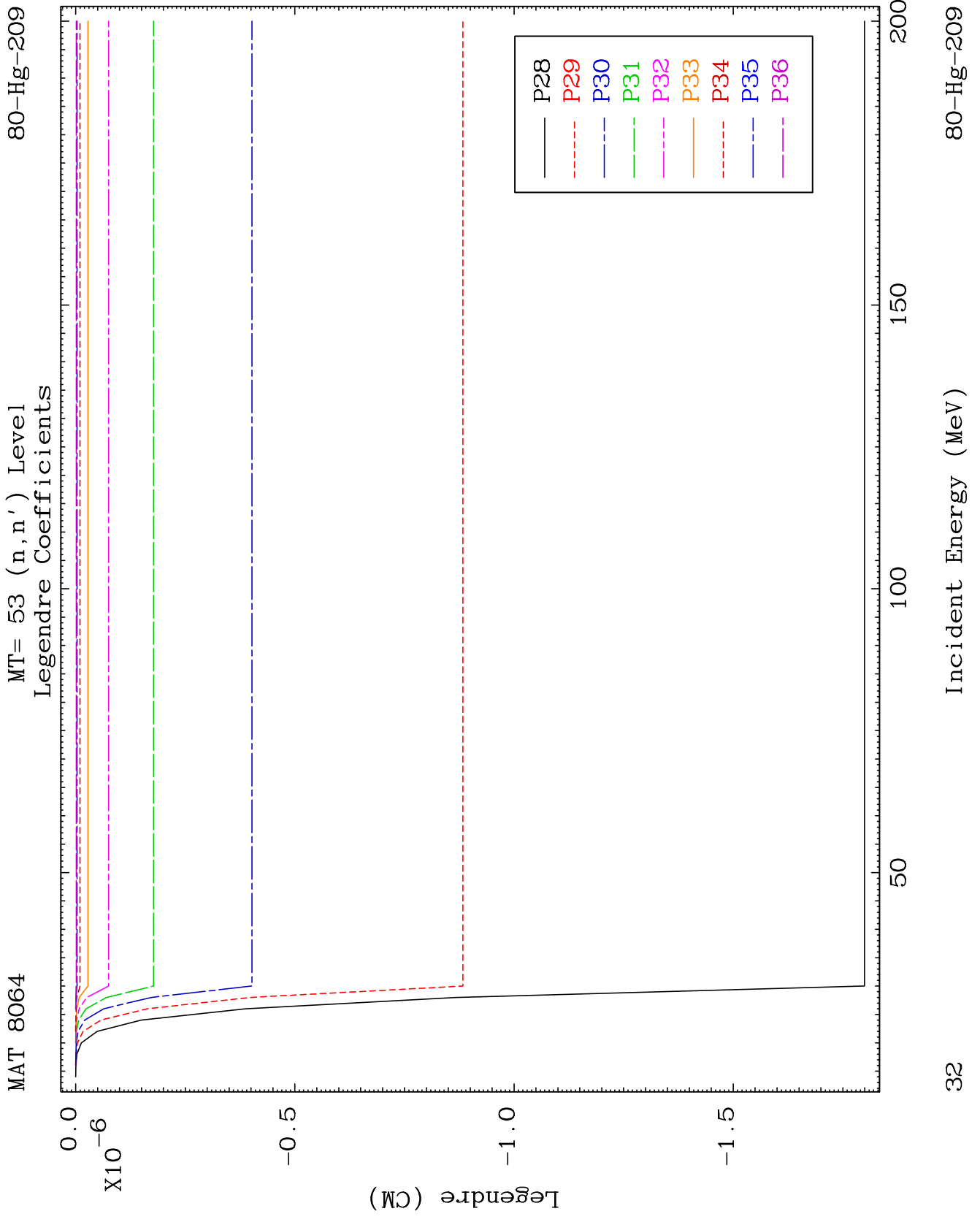
80-Hg-209

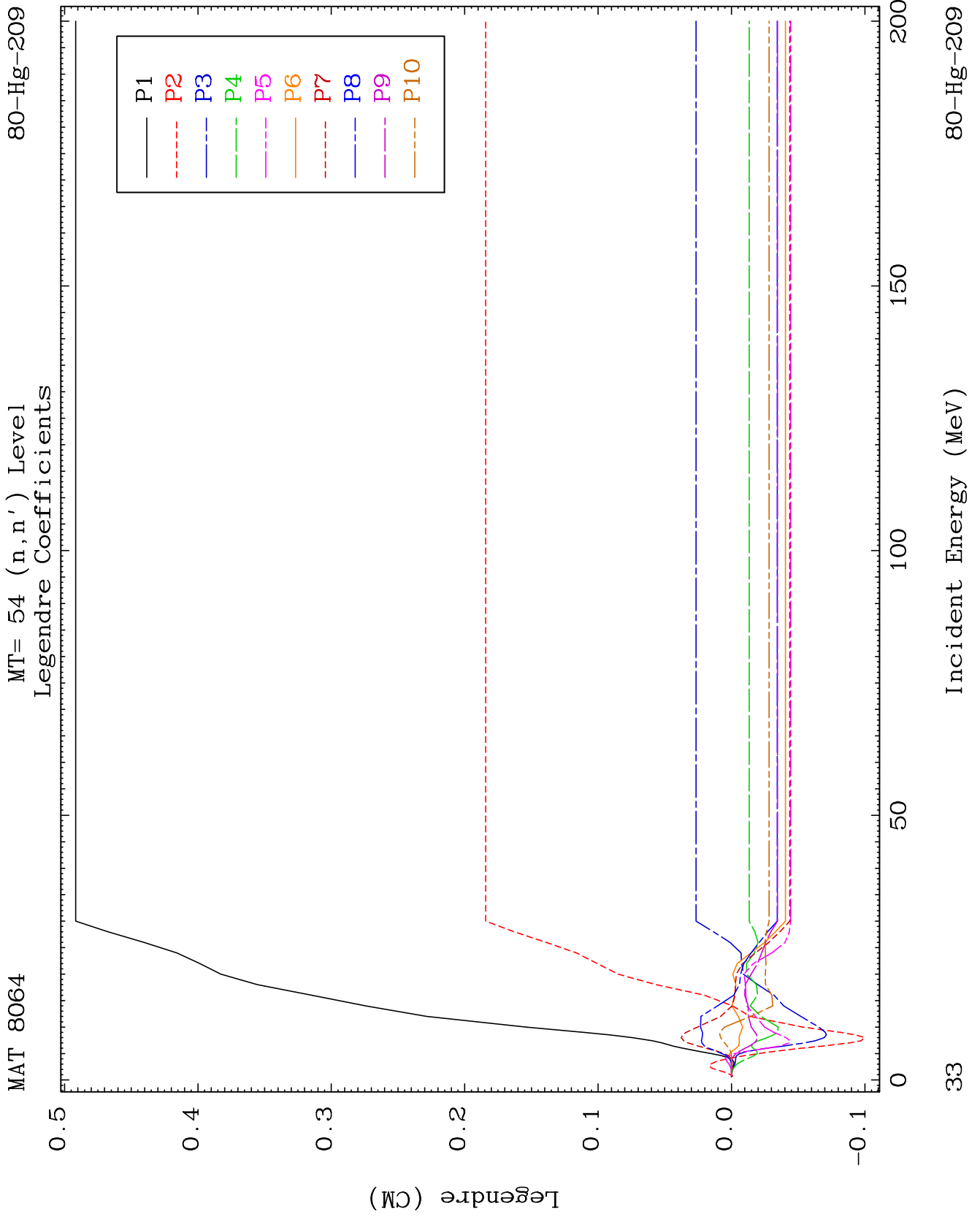


31

Incident Energy (MeV)

80-Hg-209

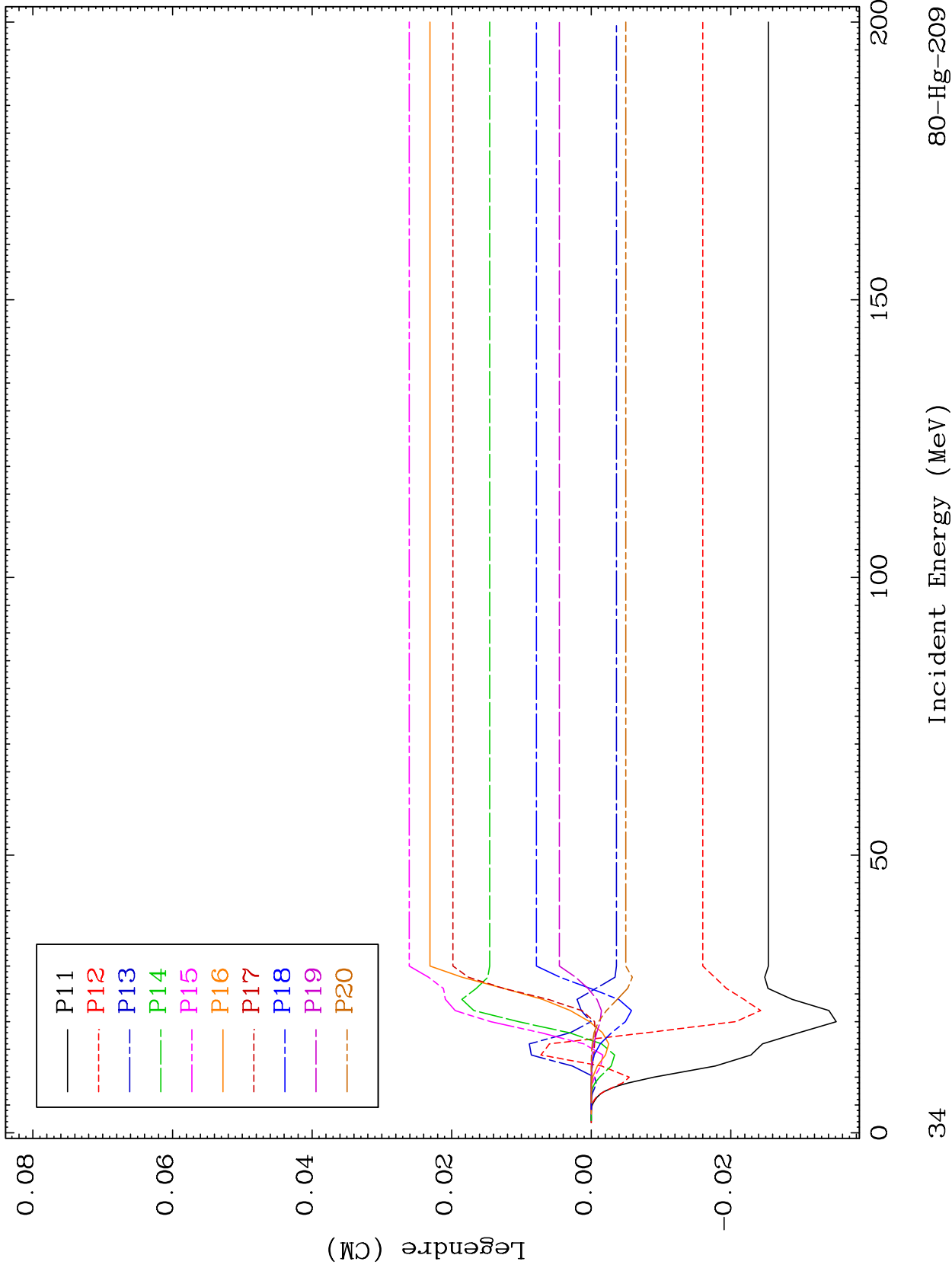




MAT 8064

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

80-Hg-209



34

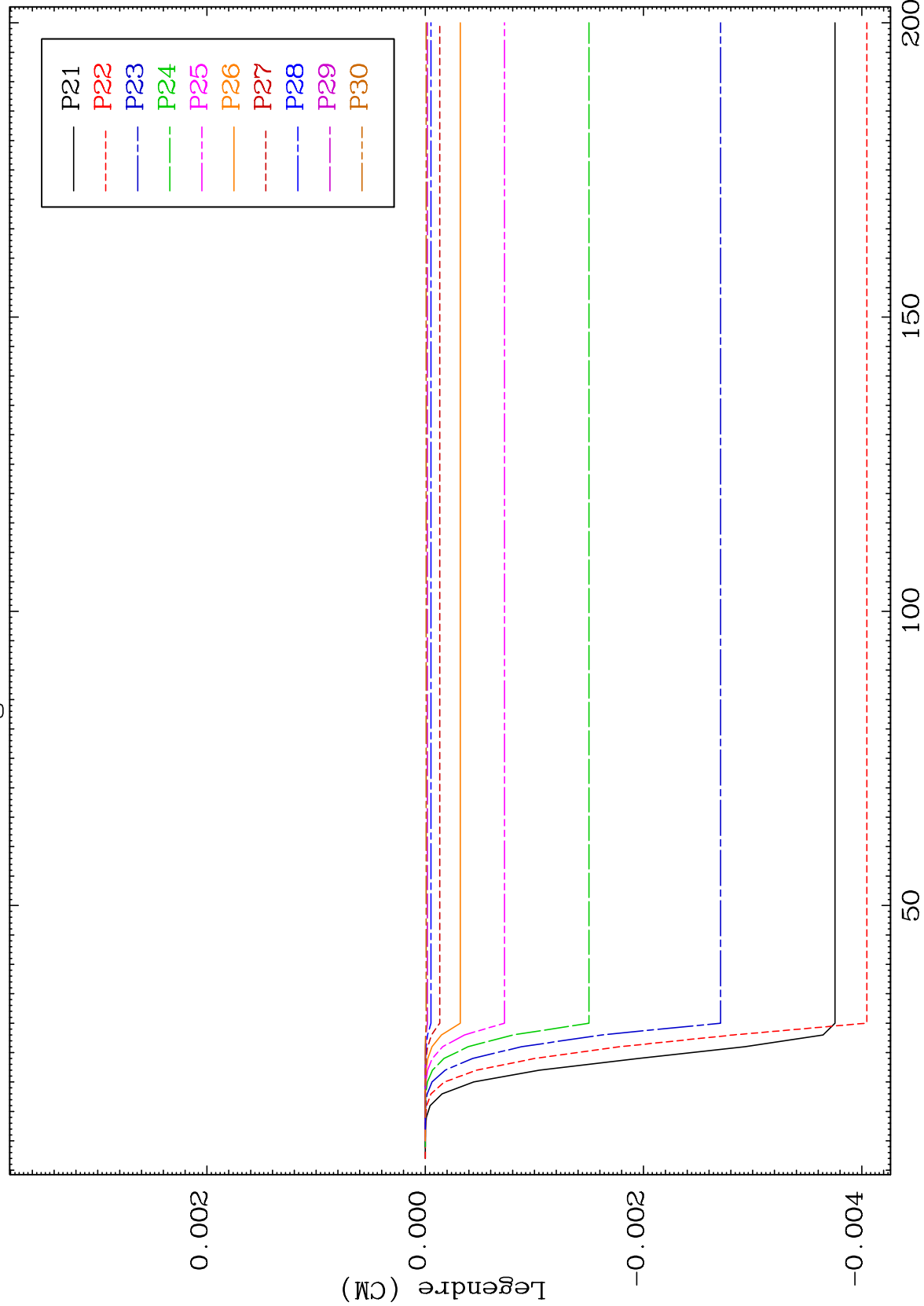
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

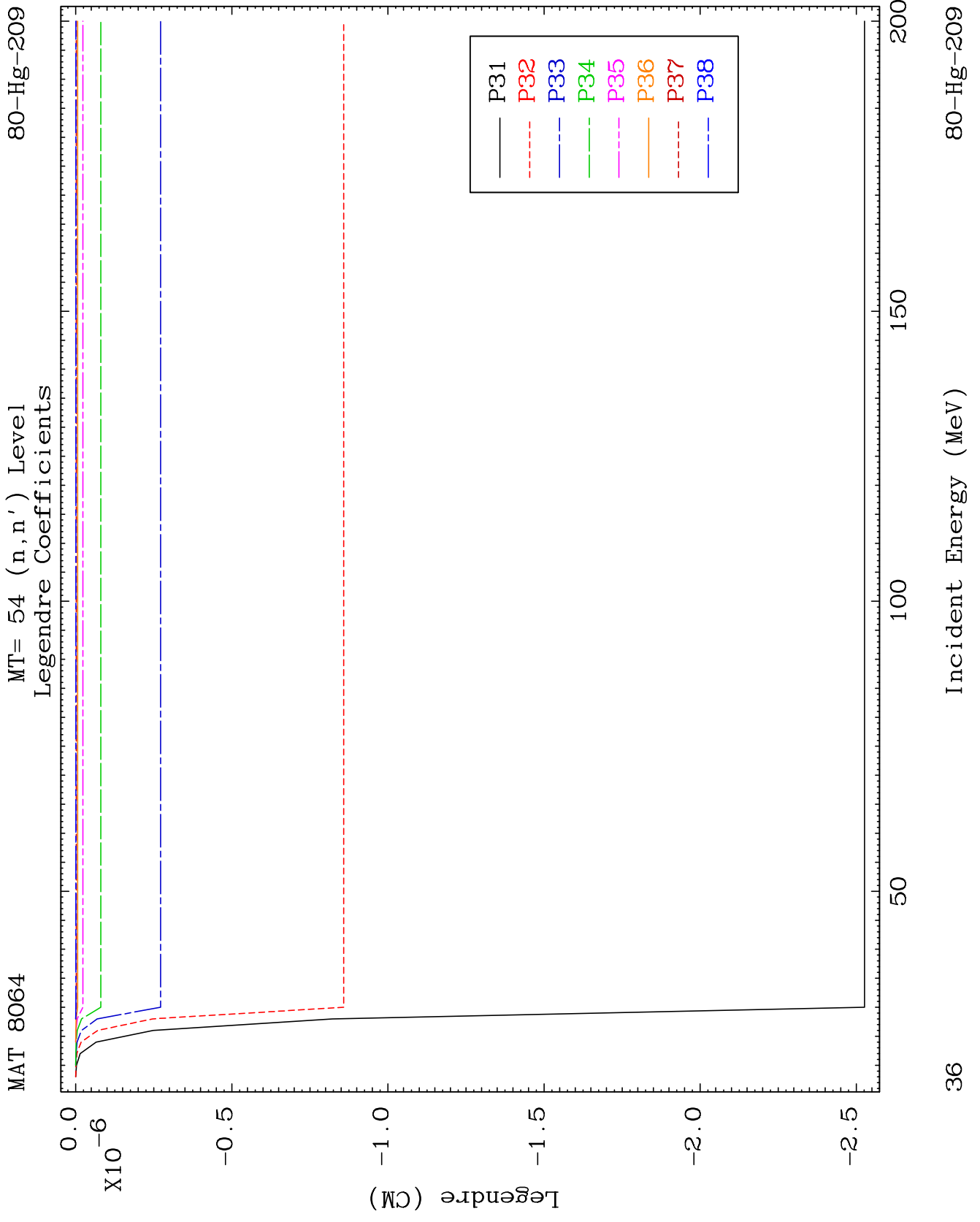
80-Hg-209



35

Incident Energy (MeV)

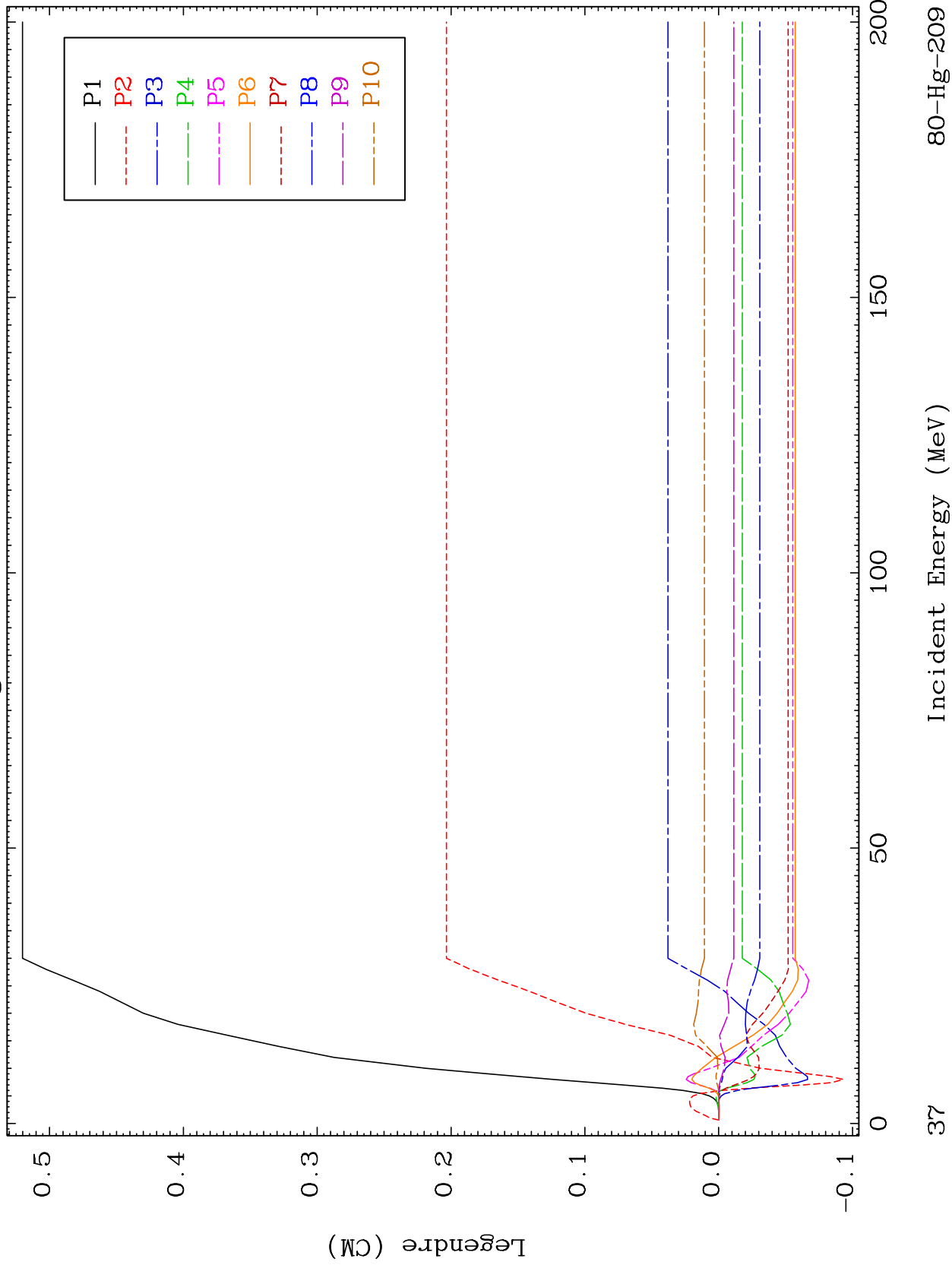
80-Hg-209



MAT 8064

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

80-Hg-209



37

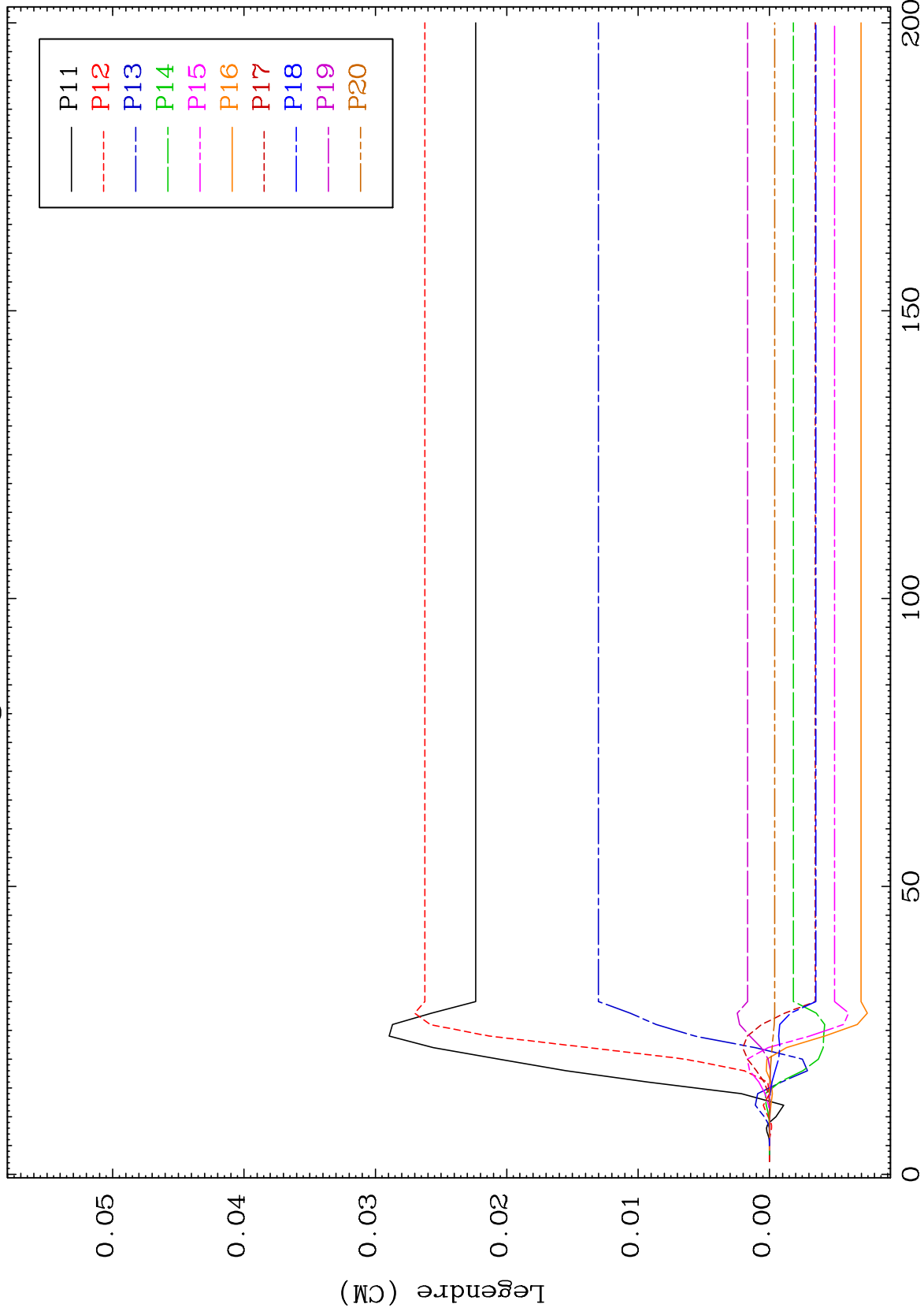
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



38

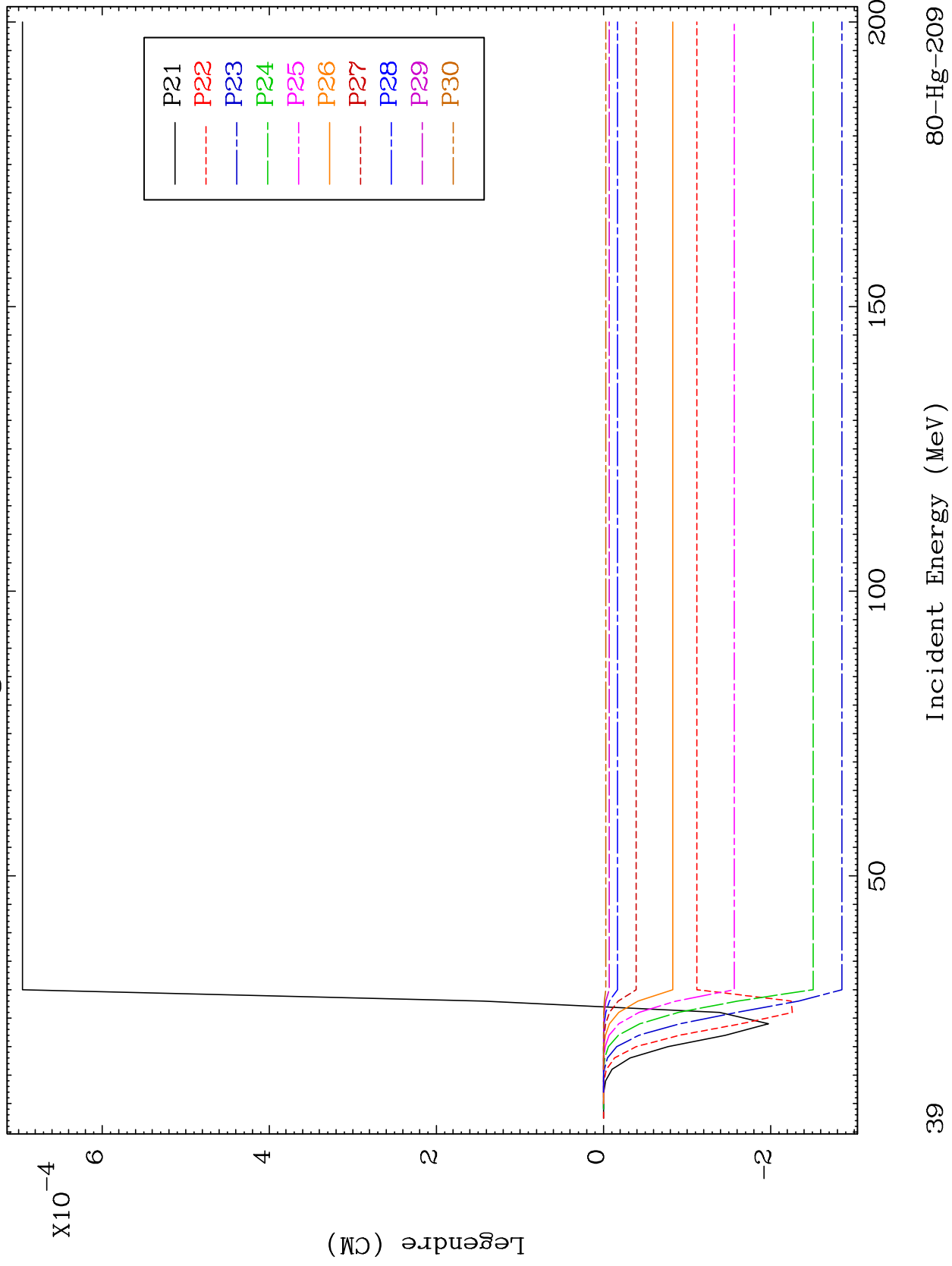
Incident Energy (MeV)

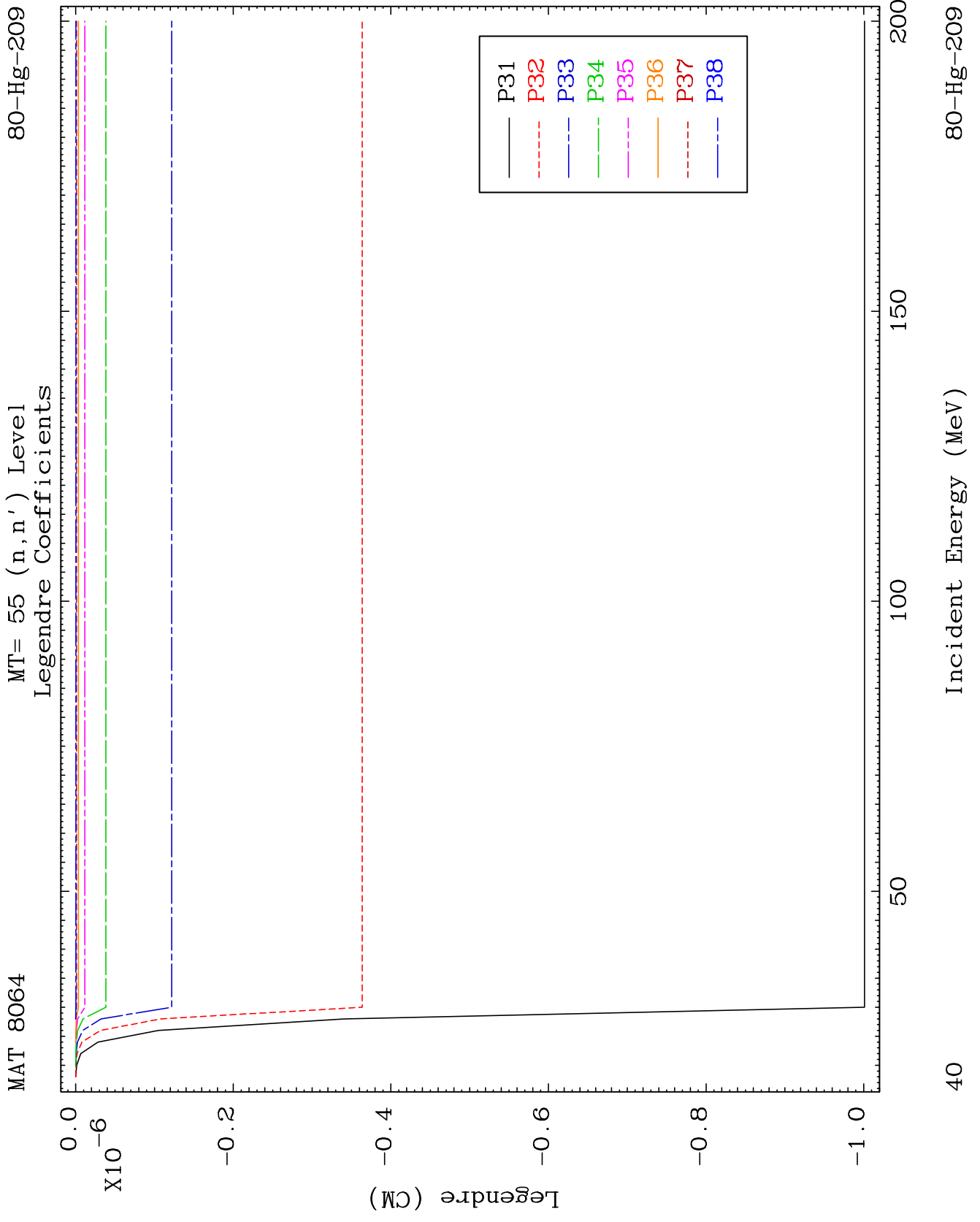
80-Hg-209

MAT 8064

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

80-Hg-209

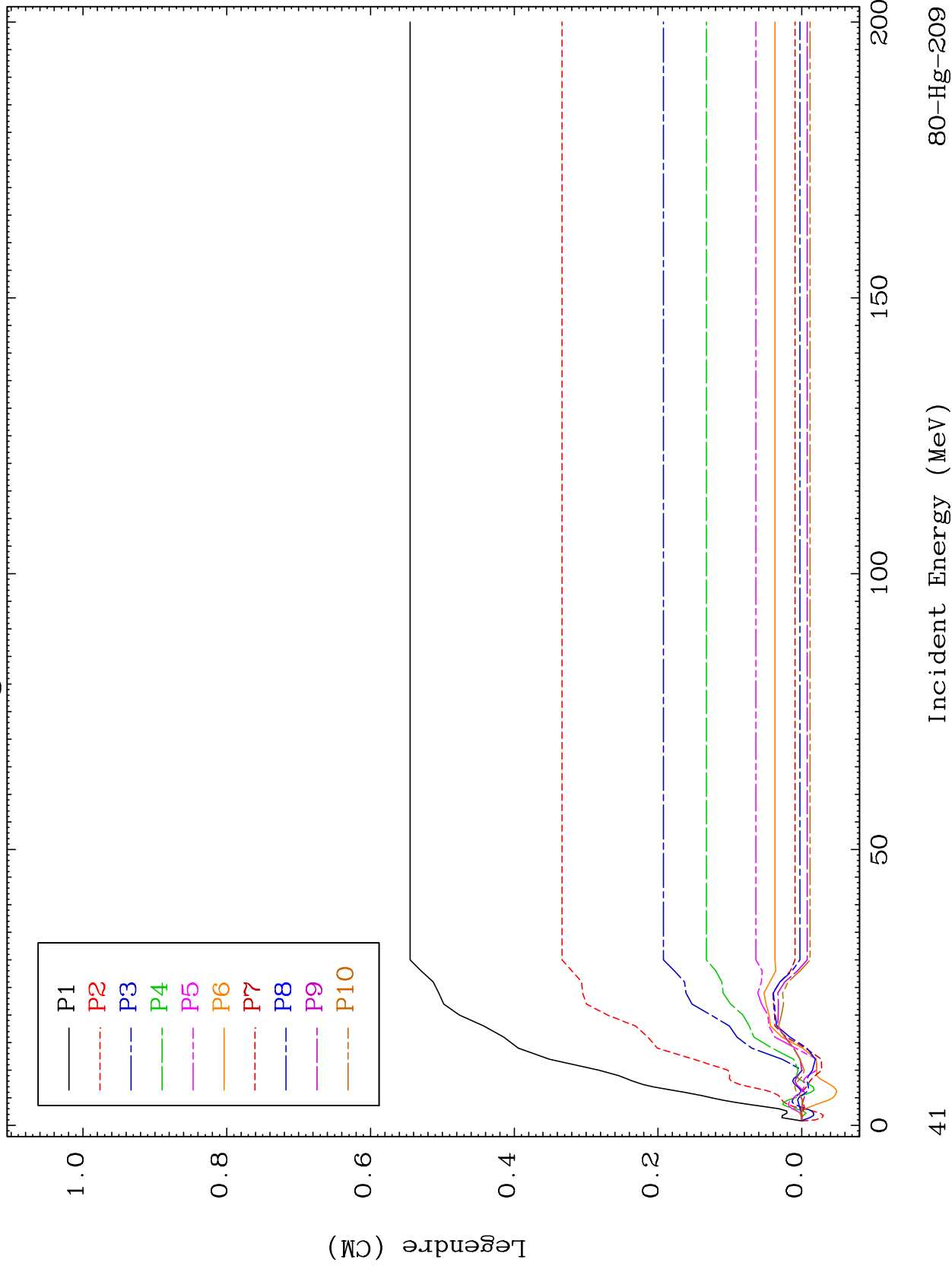




MAT 8064

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

80-Hg-209



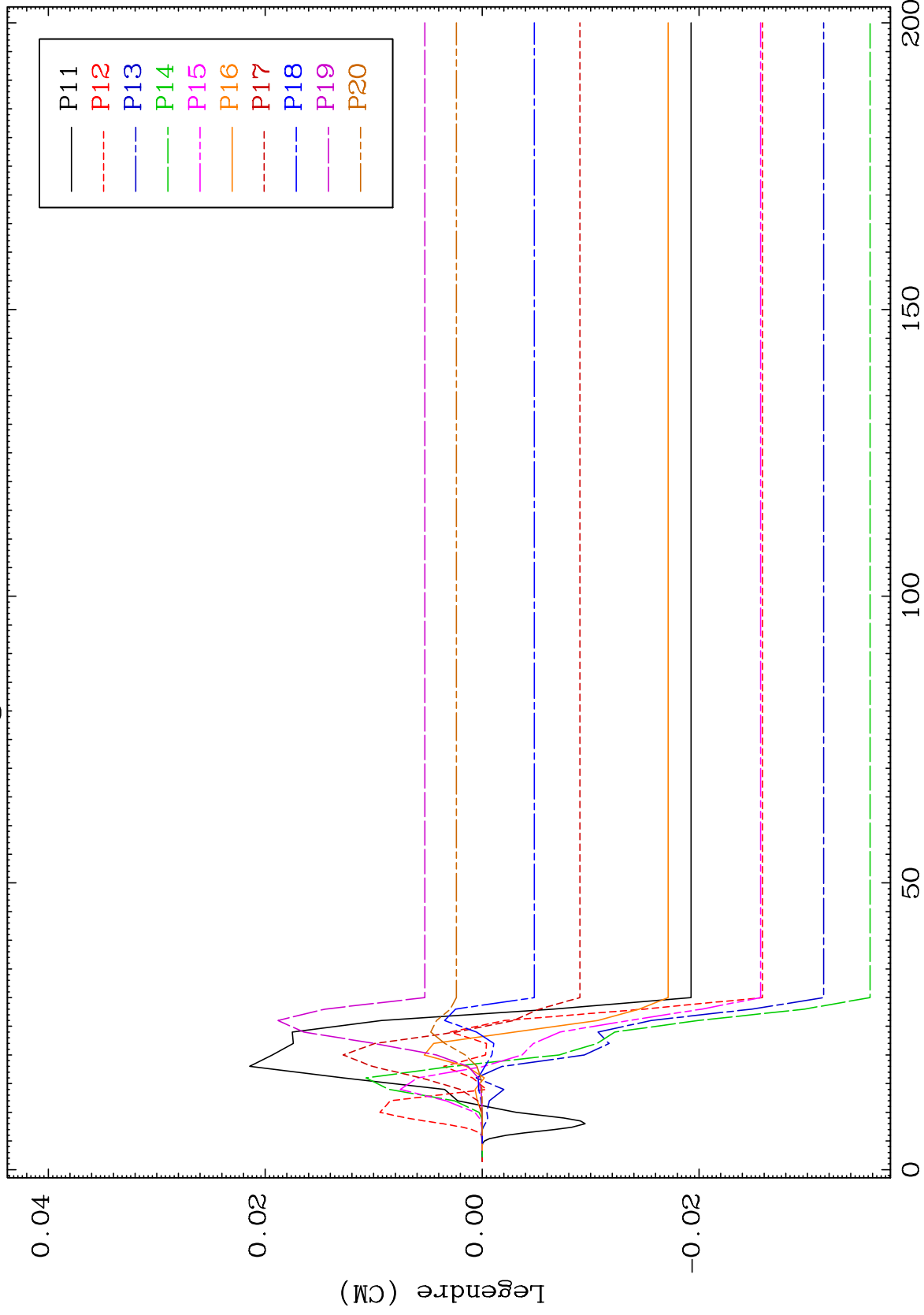
41

80-Hg-209

MAT 8064

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

80-Hg-209



42

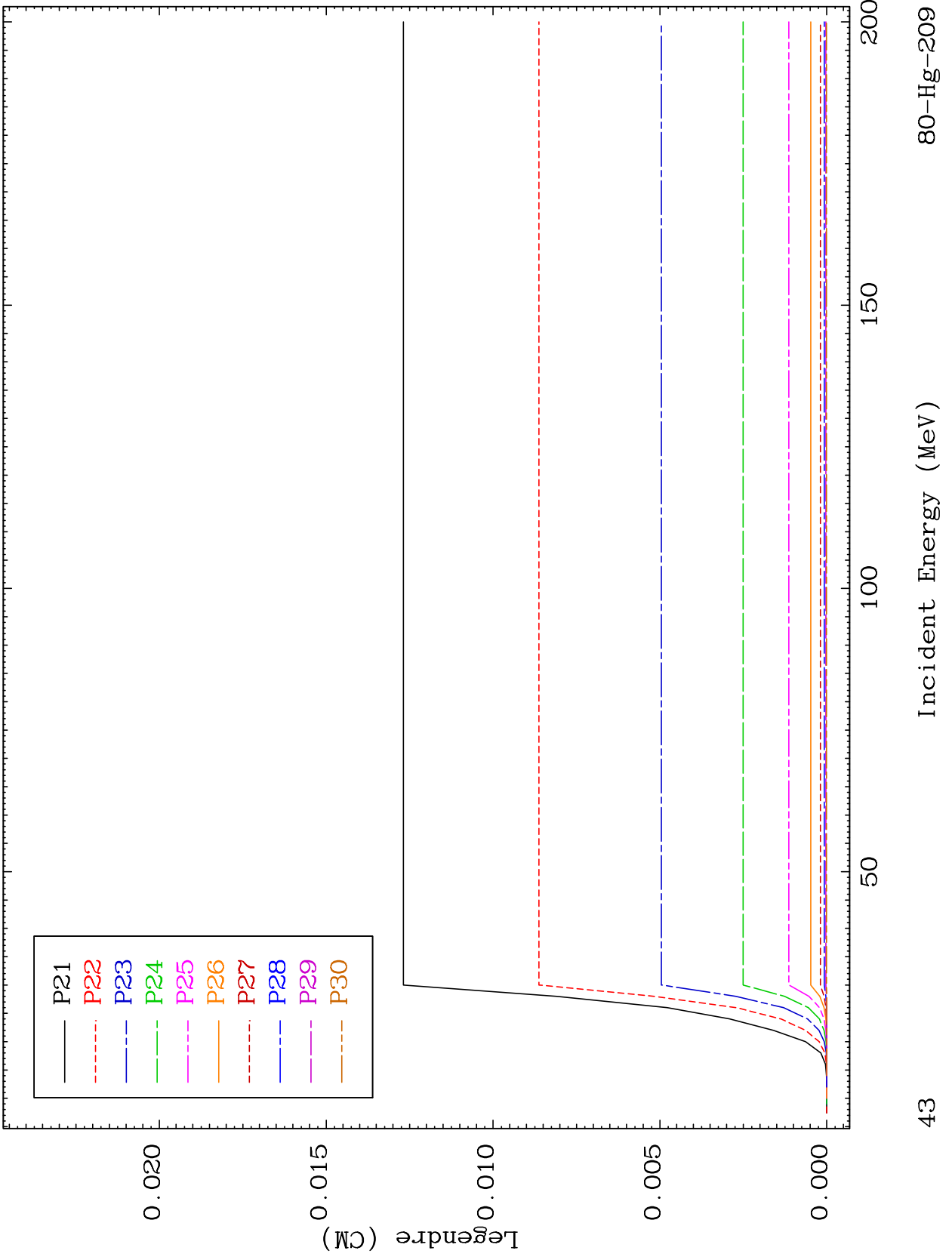
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



43

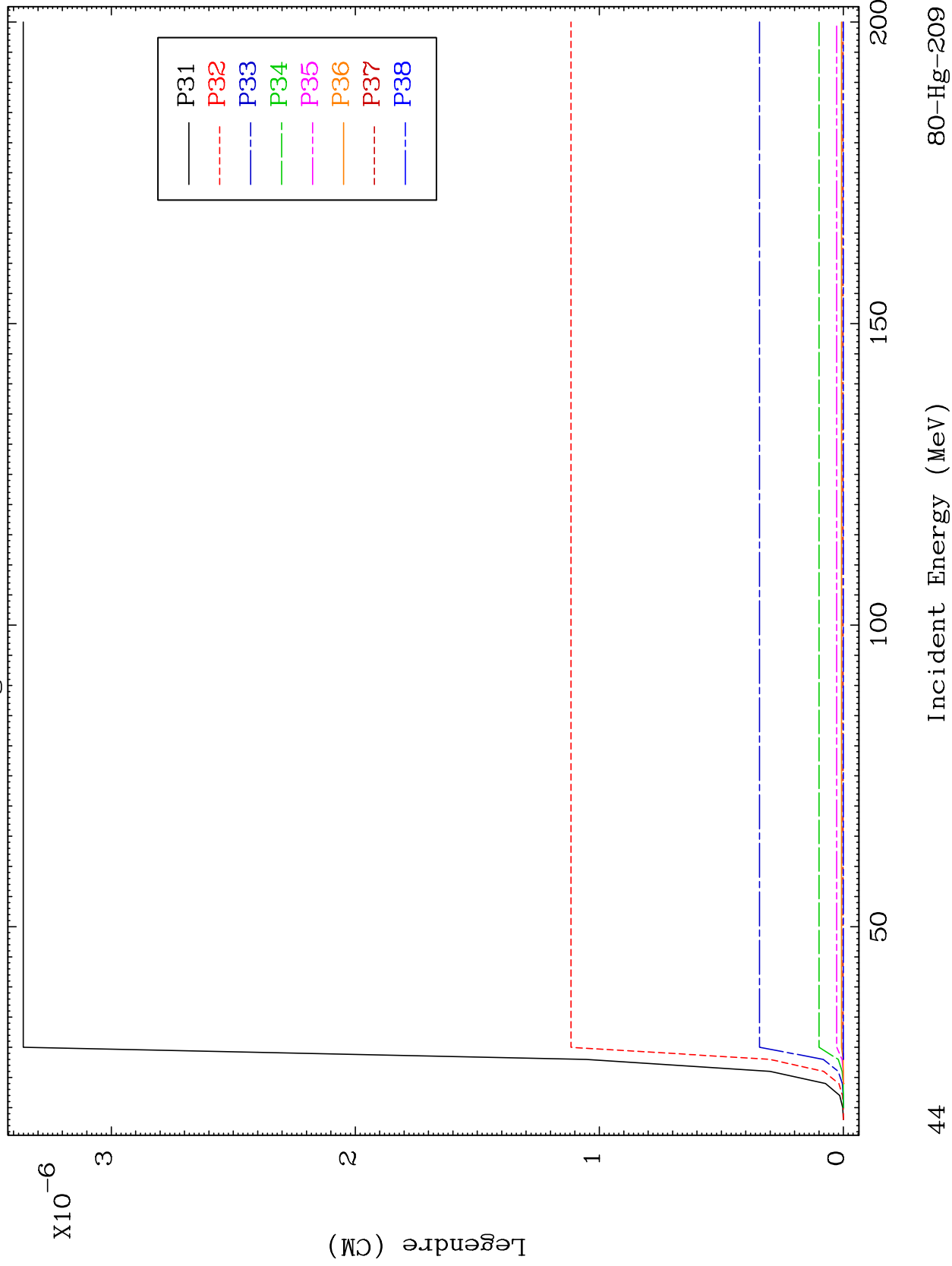
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



44

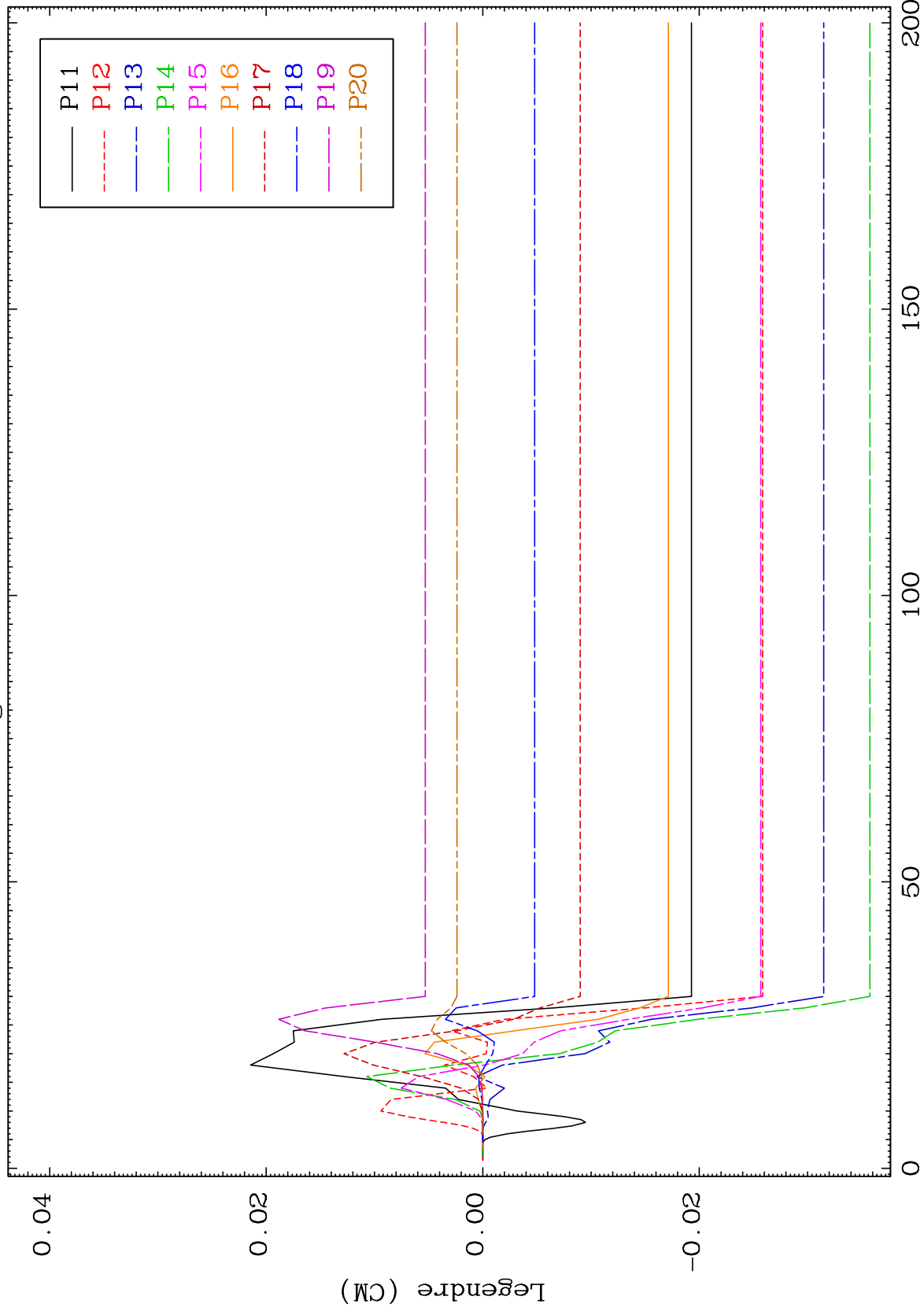
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



46

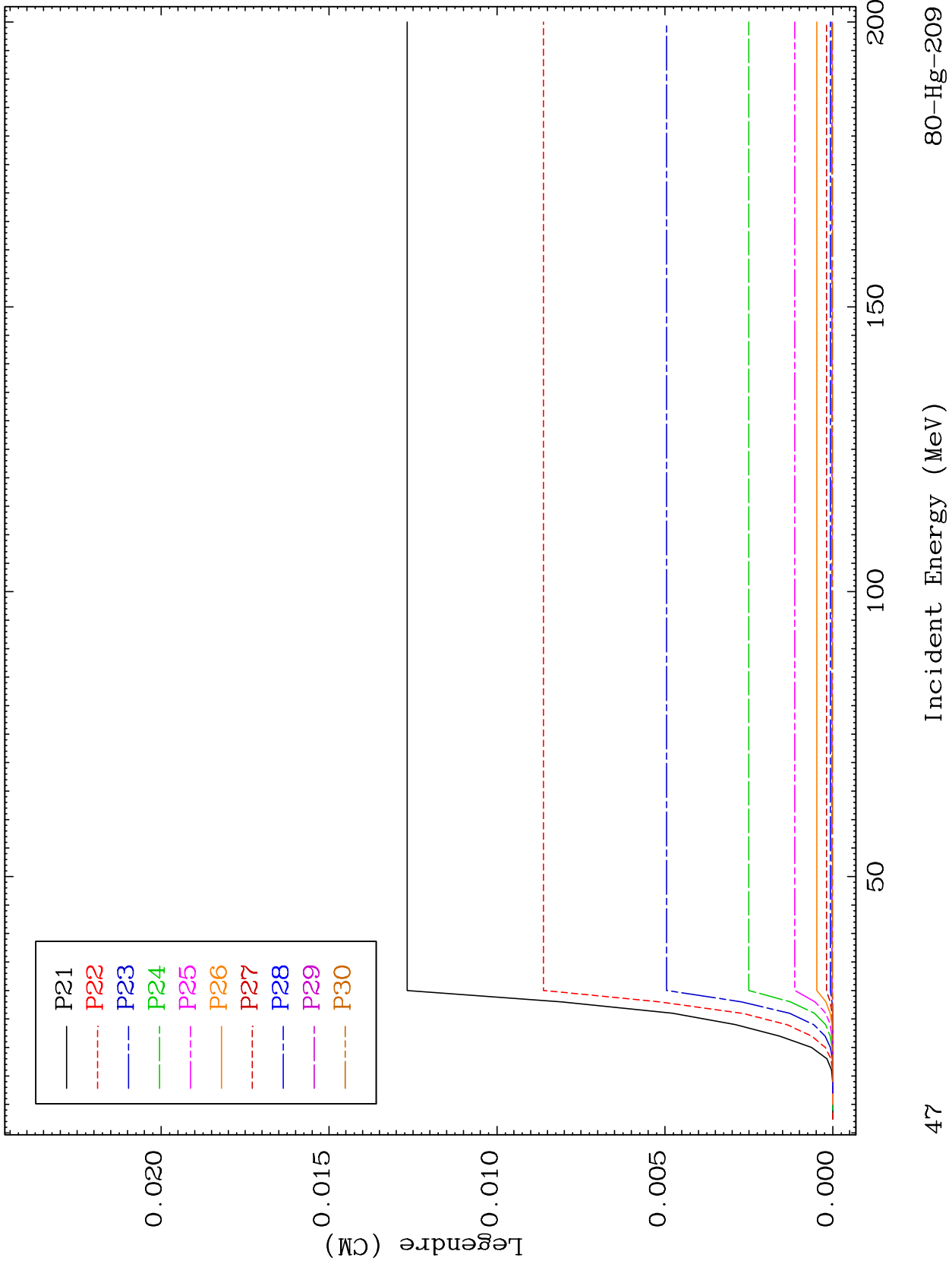
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

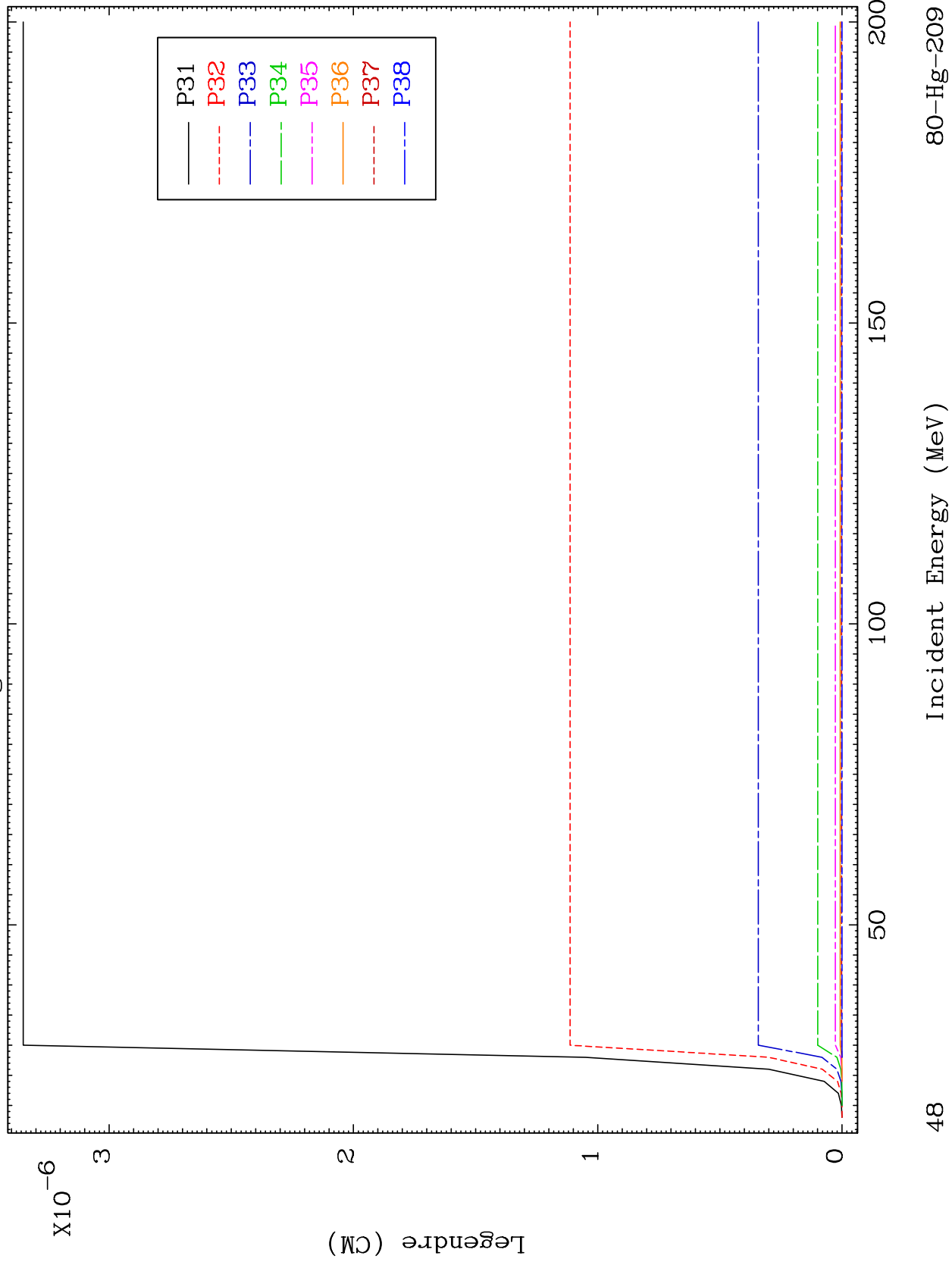
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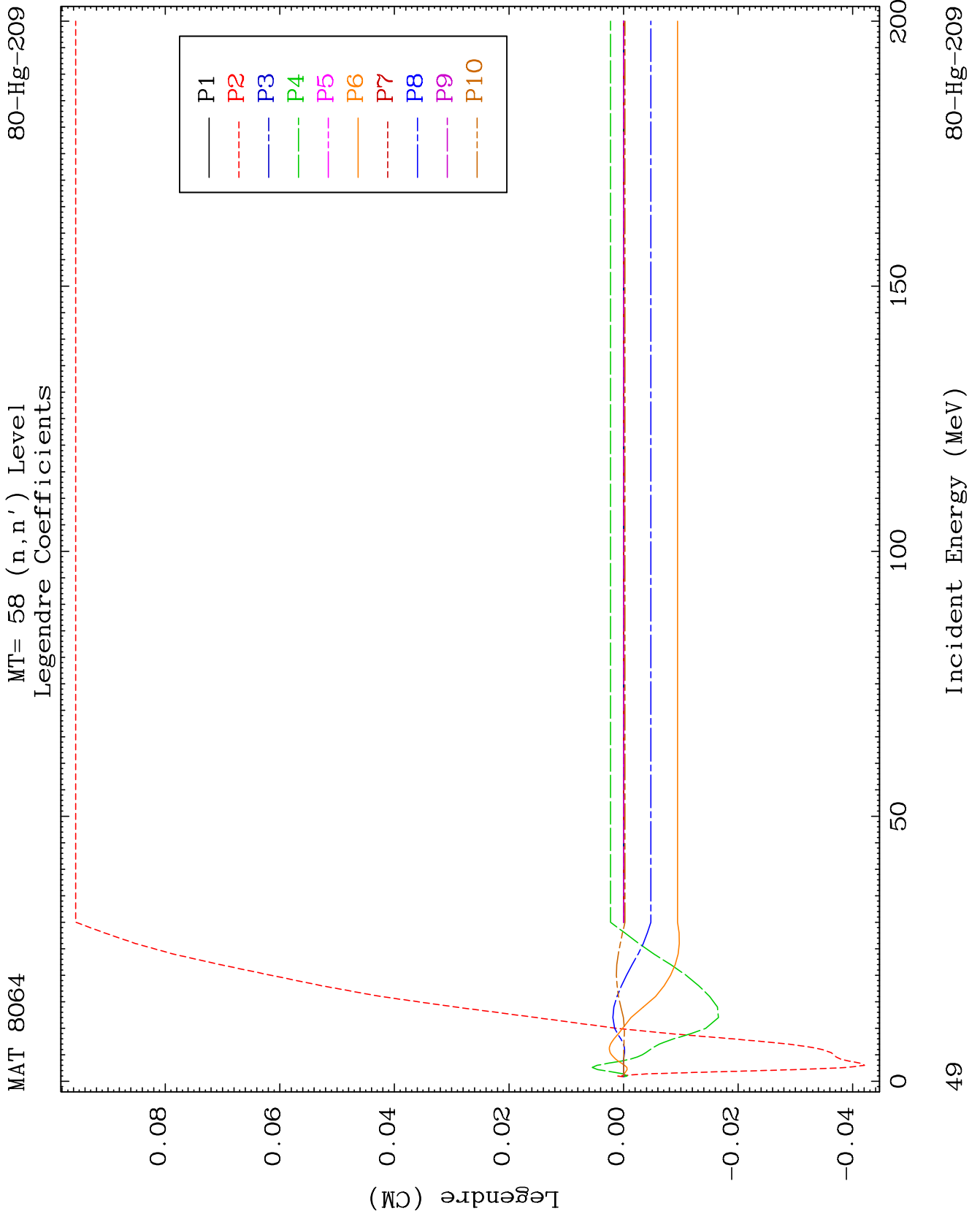


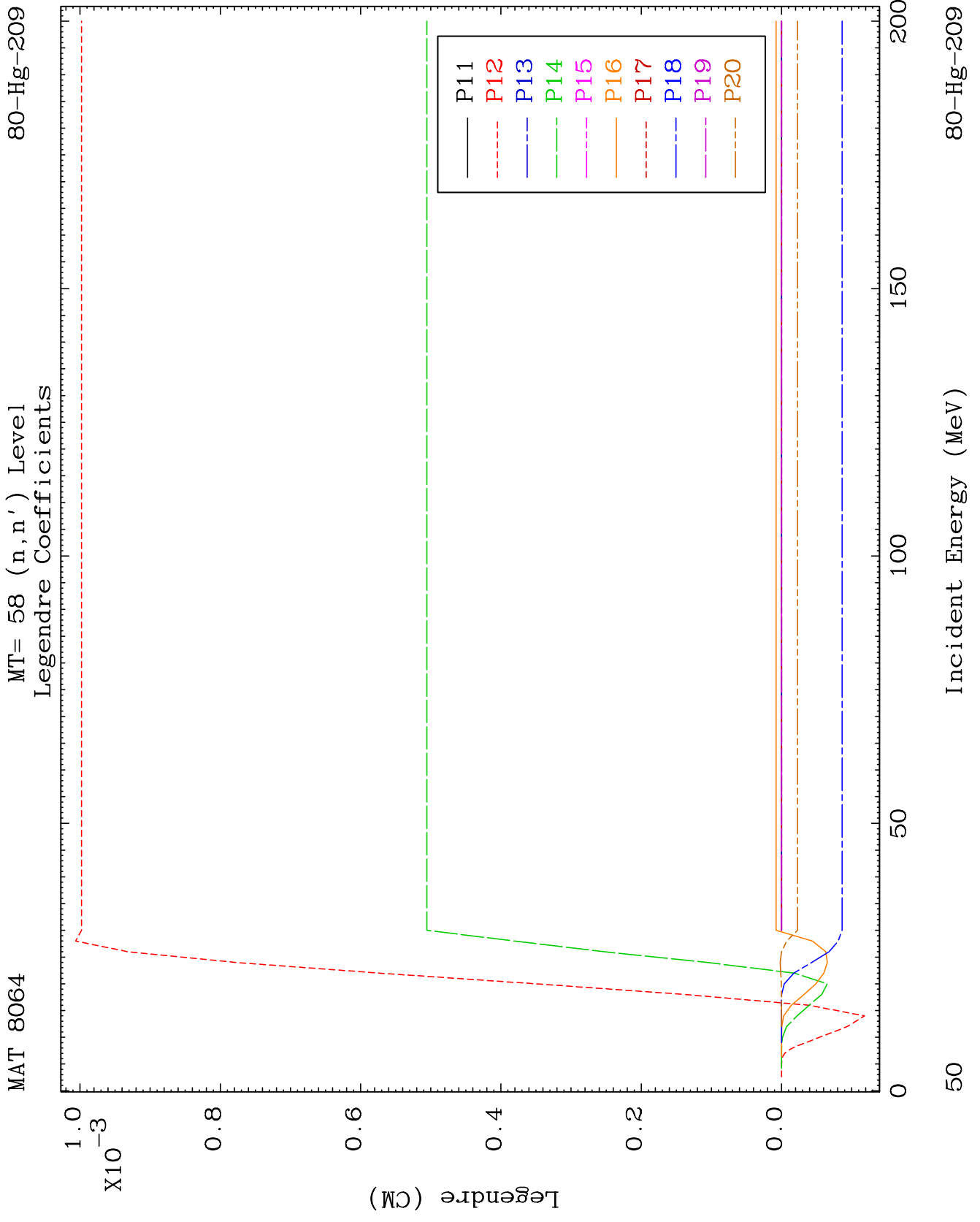
MAT 8064

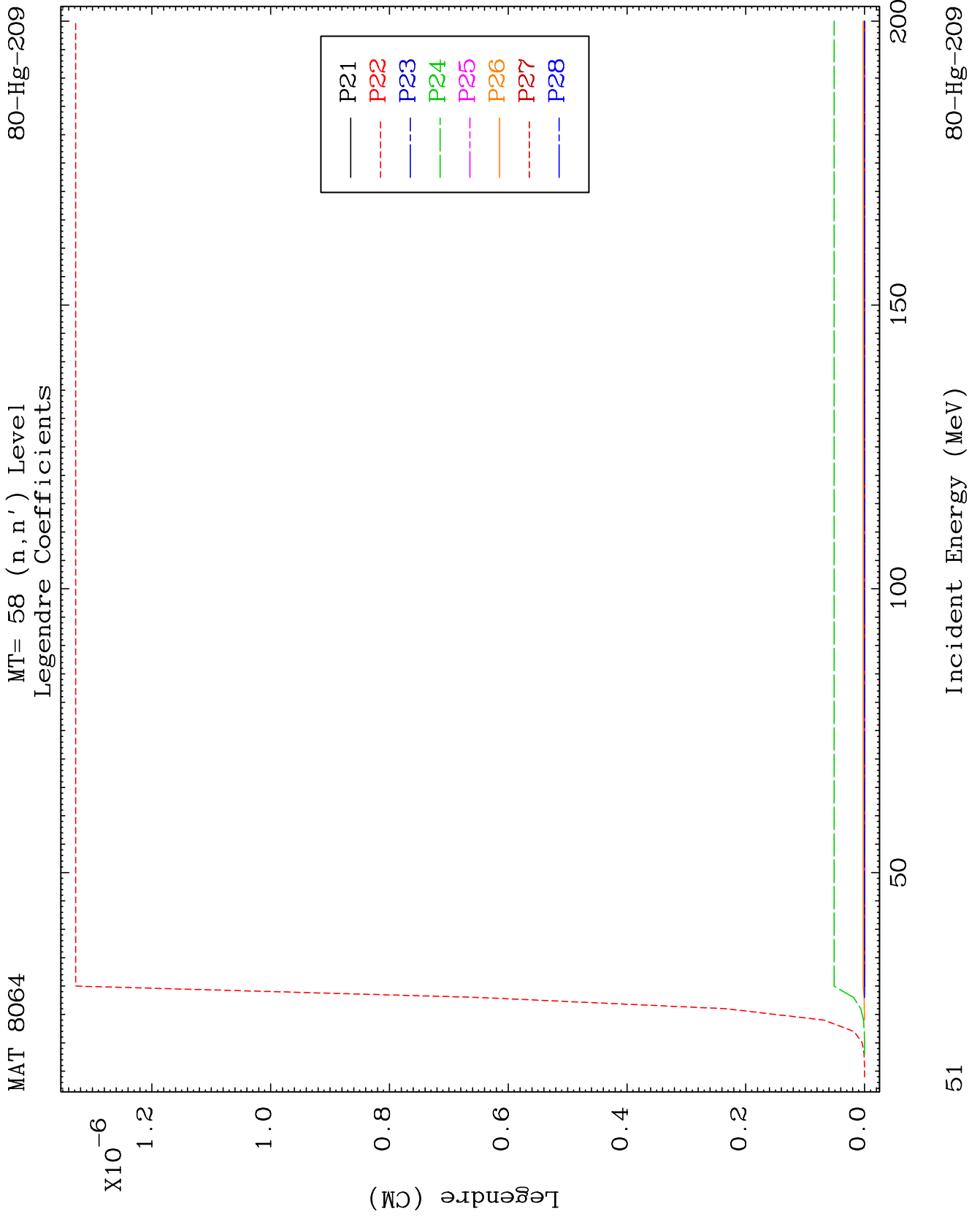
MT= 57 (n,n') Level
Legendre Coefficients

80-Hg-209





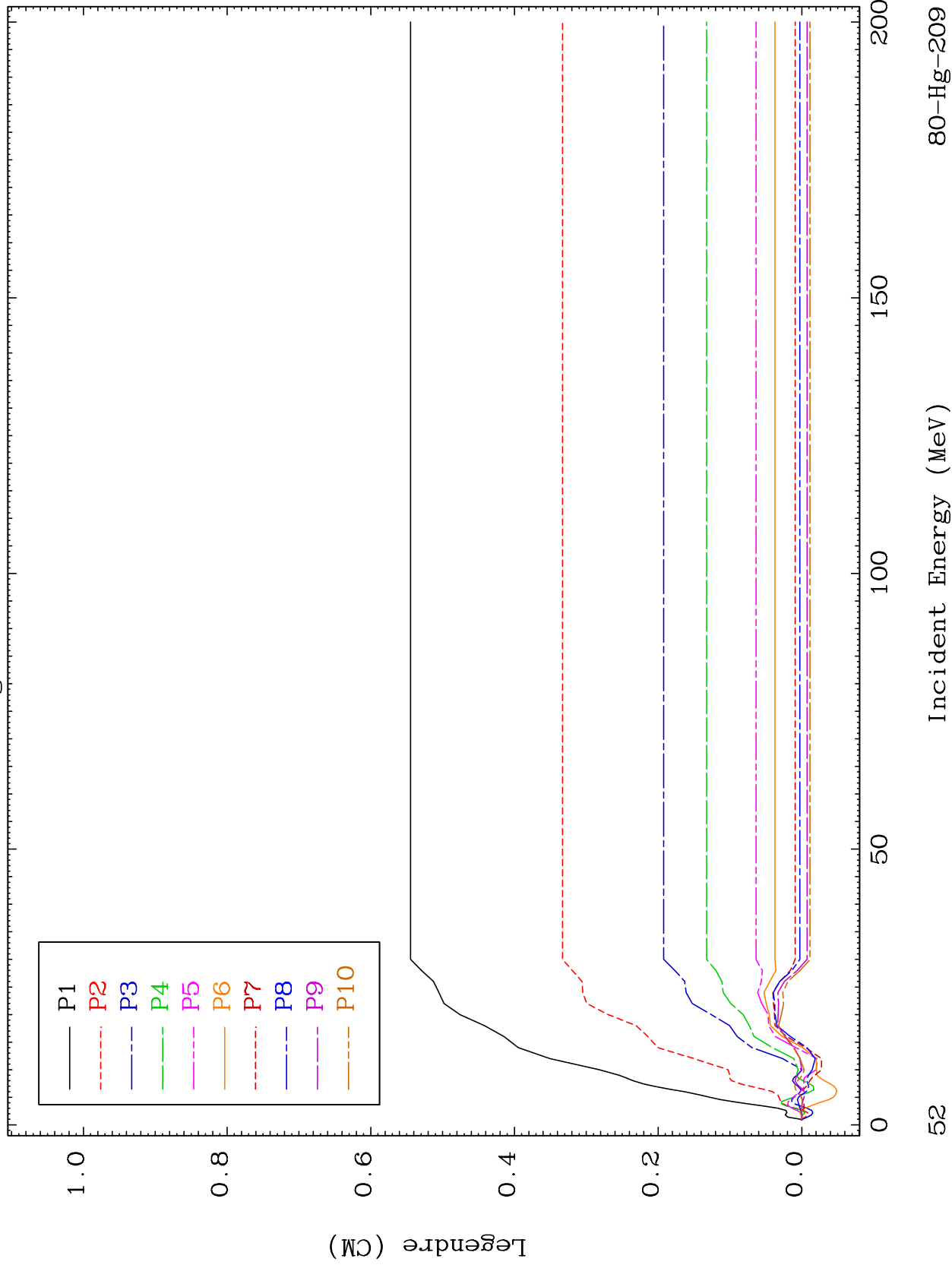




MAT 8064

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

80-Hg-209



52

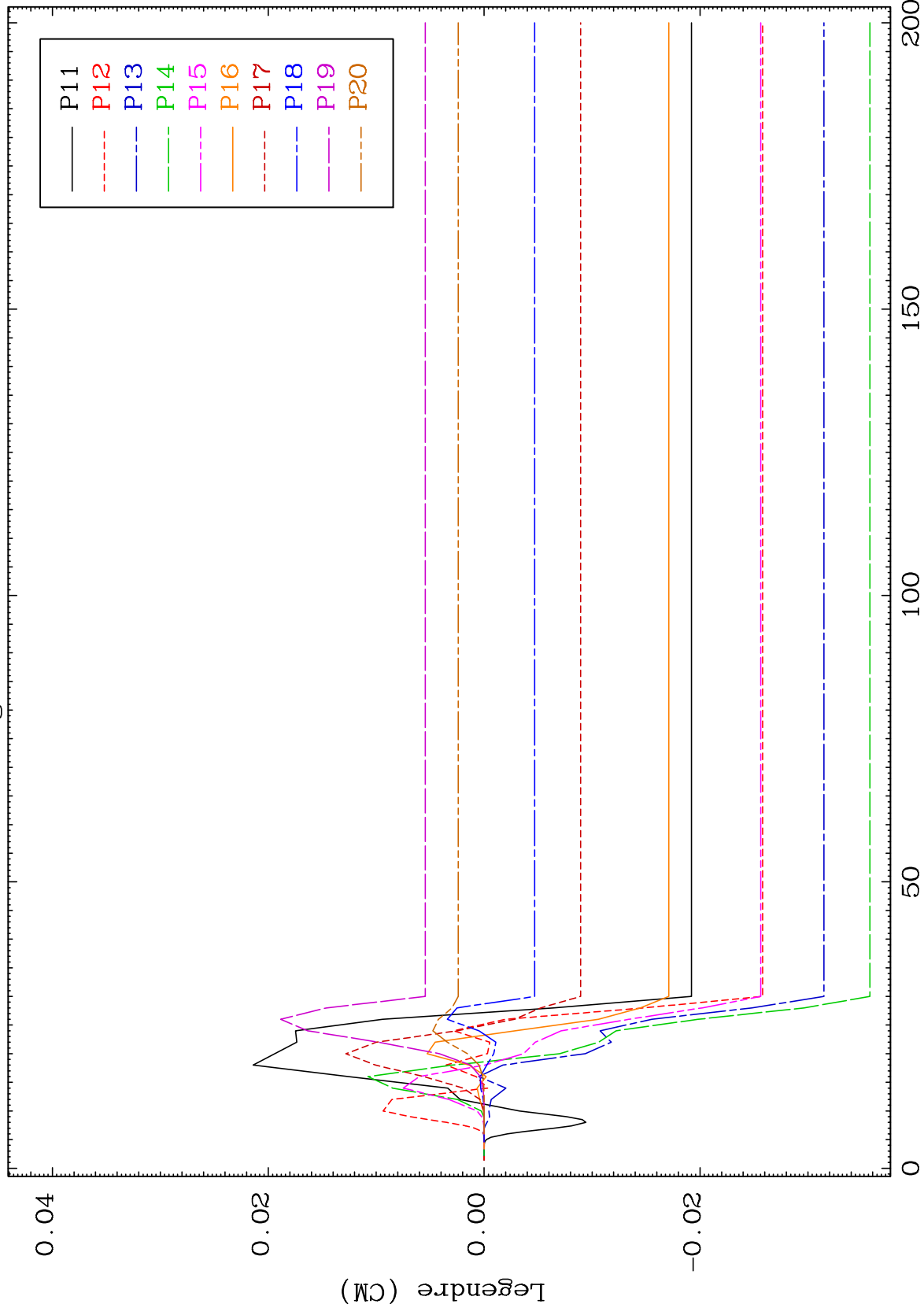
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



53

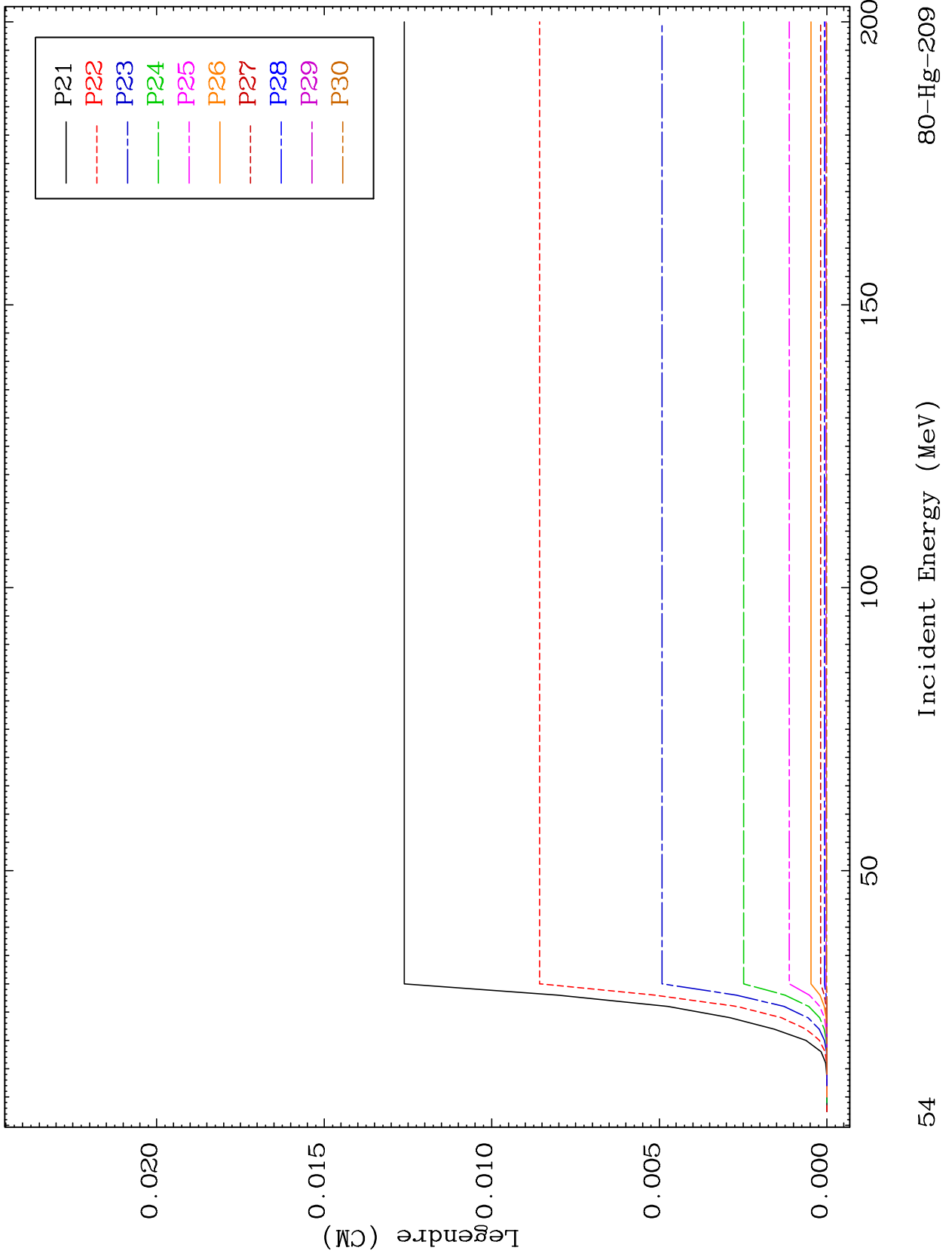
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



54

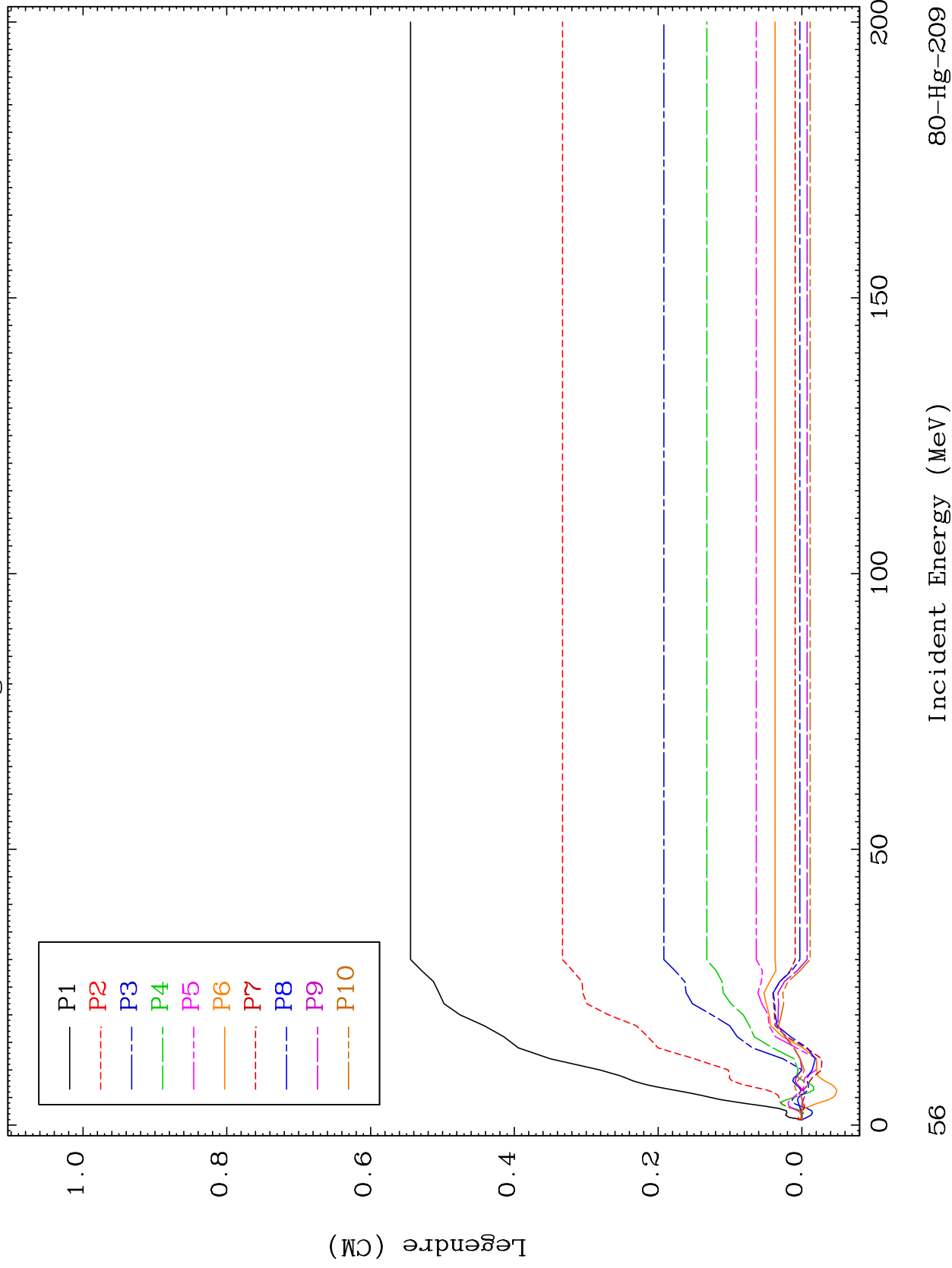
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



56

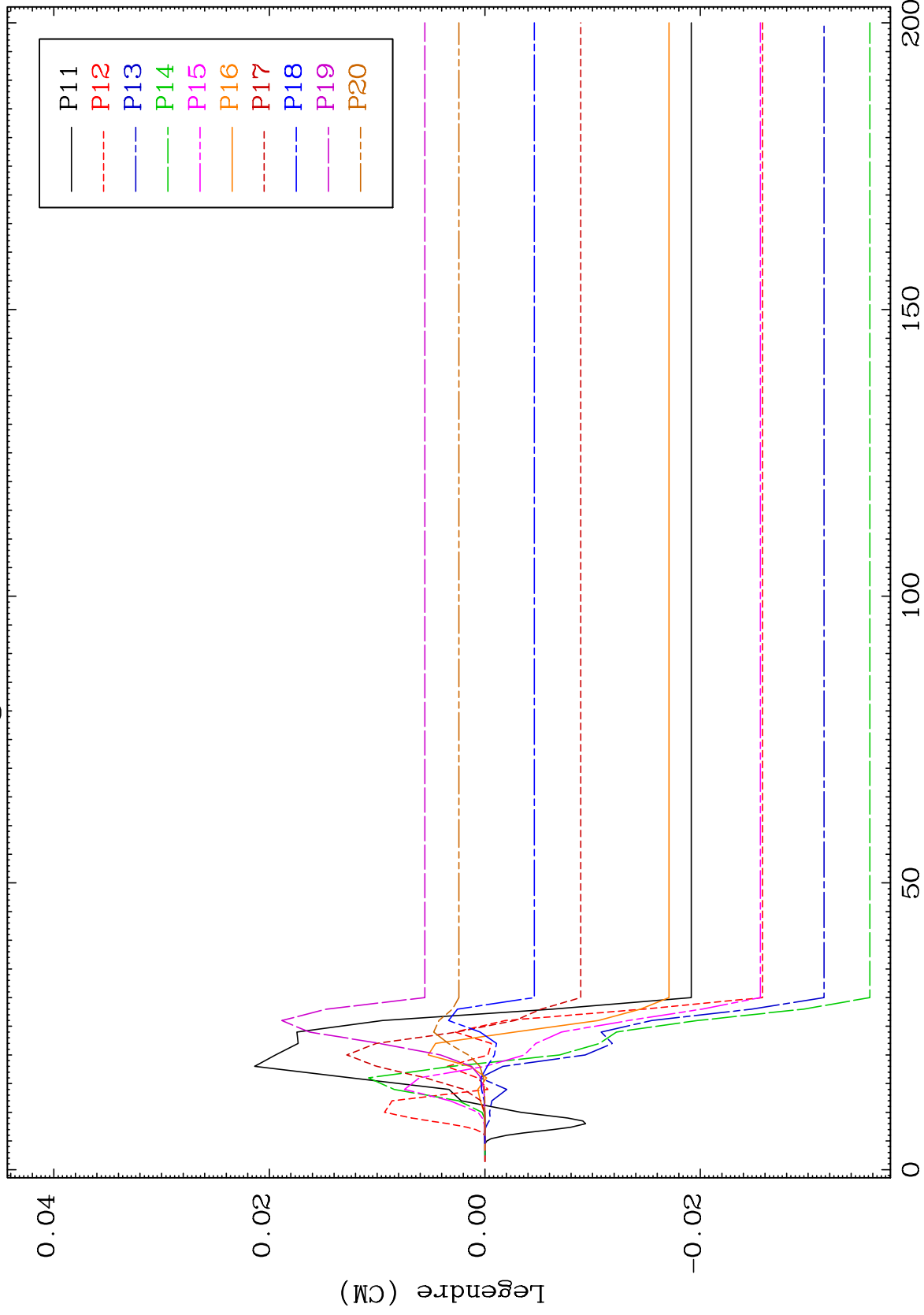
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



57

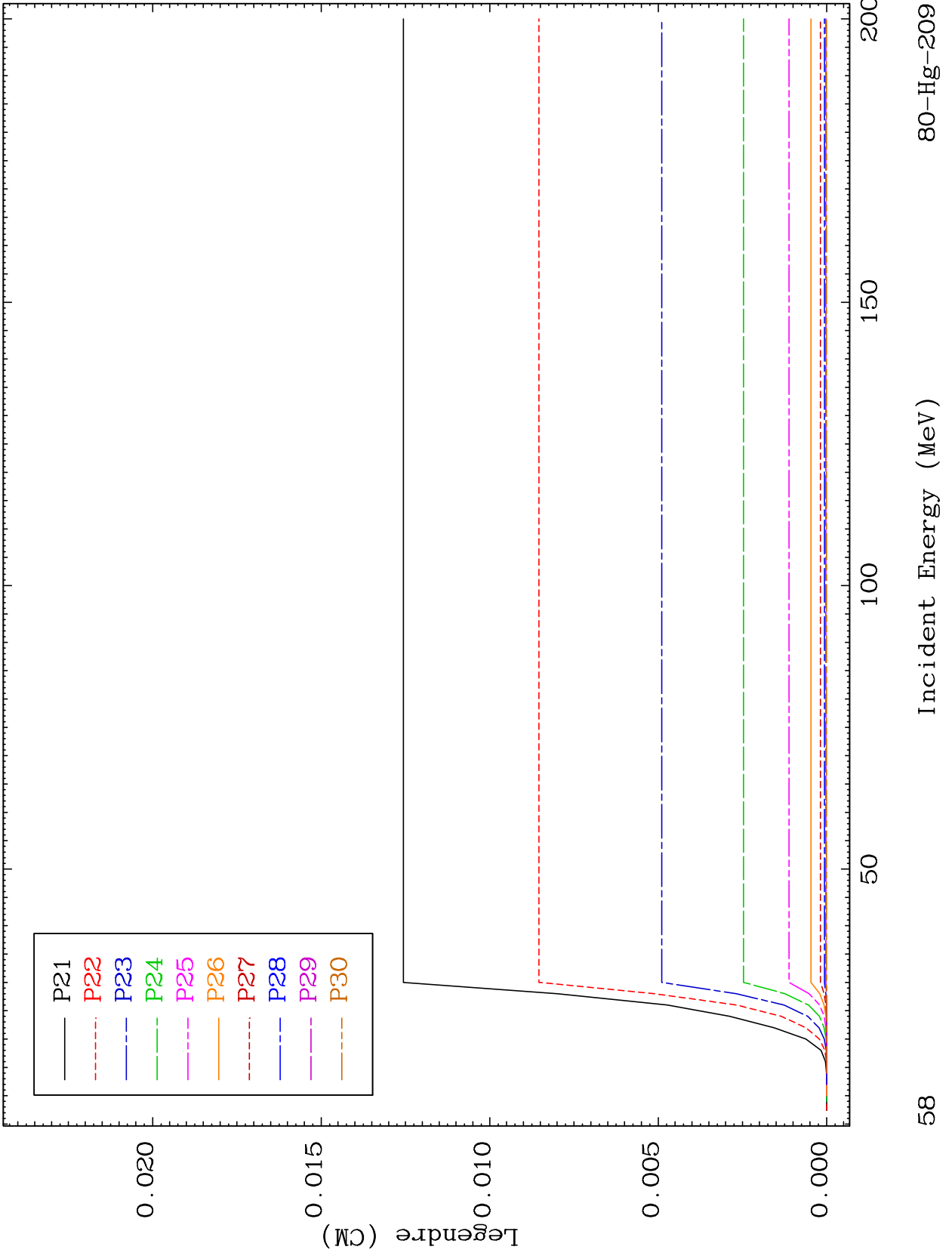
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



58

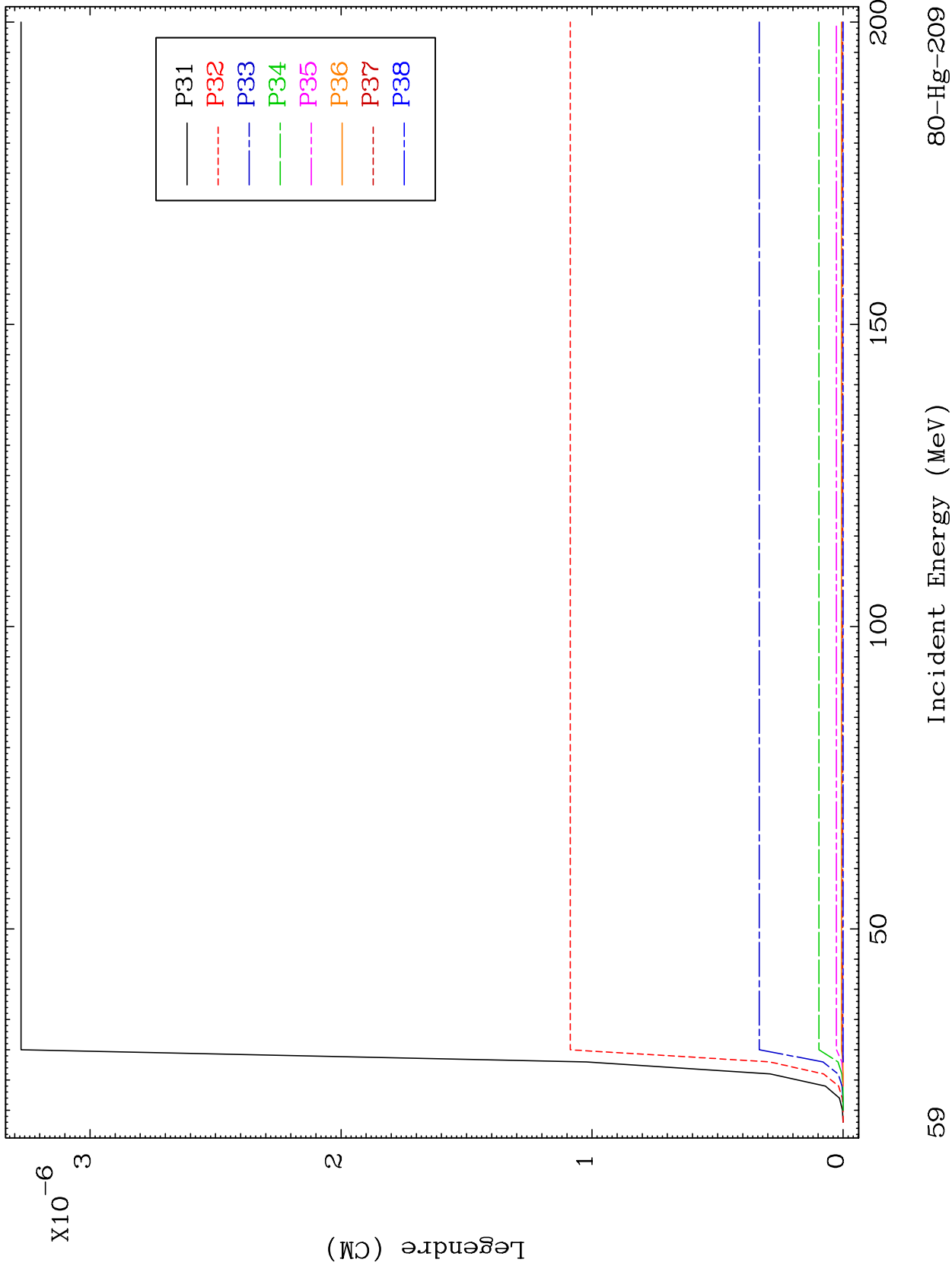
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

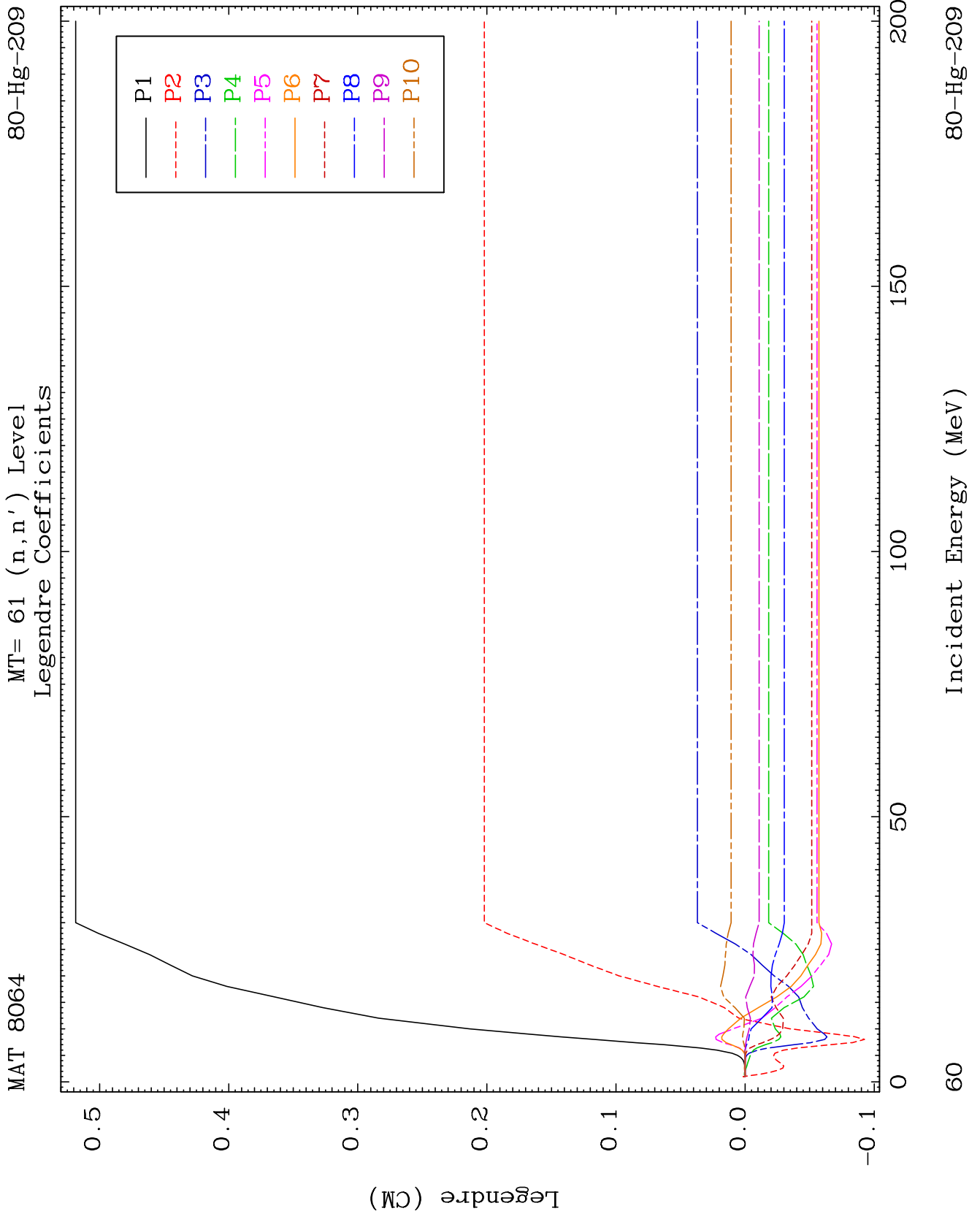
80-Hg-209



59

Incident Energy (MeV)

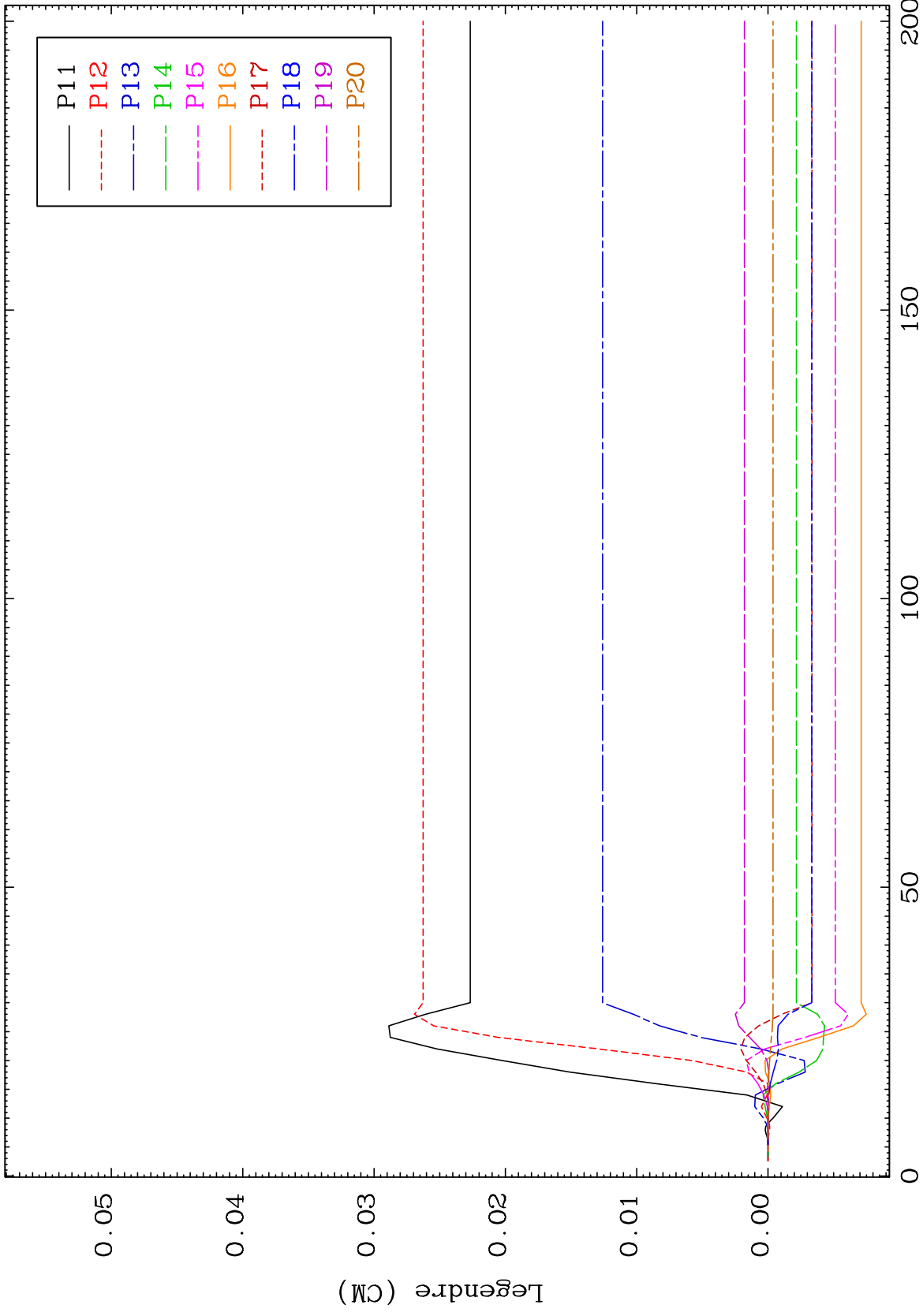
80-Hg-209



MAT 8064

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

80-Hg-209



61

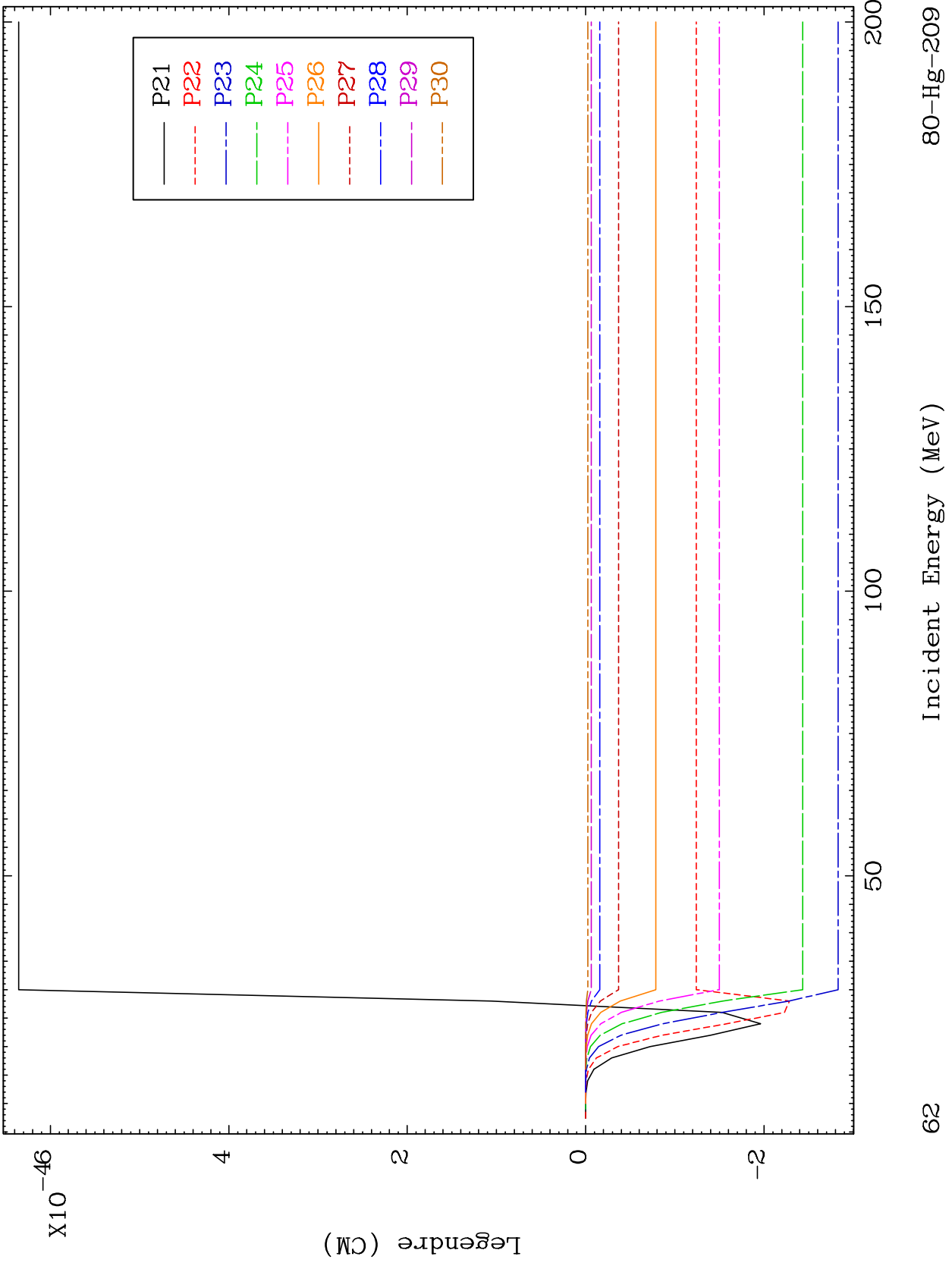
Incident Energy (MeV)

80-Hg-209

MAT 8064

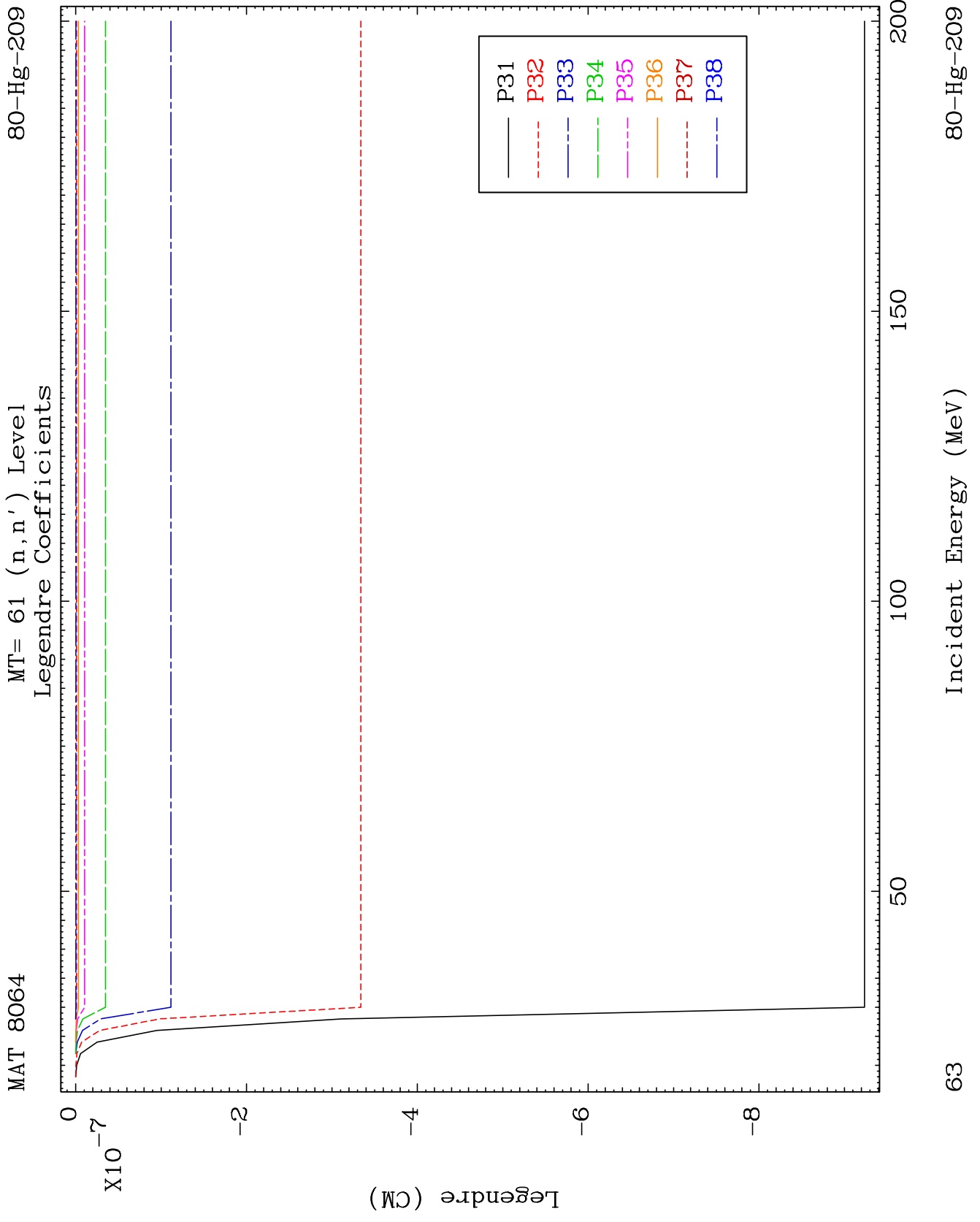
MT= 61 (n,n') Level
Legendre Coefficients

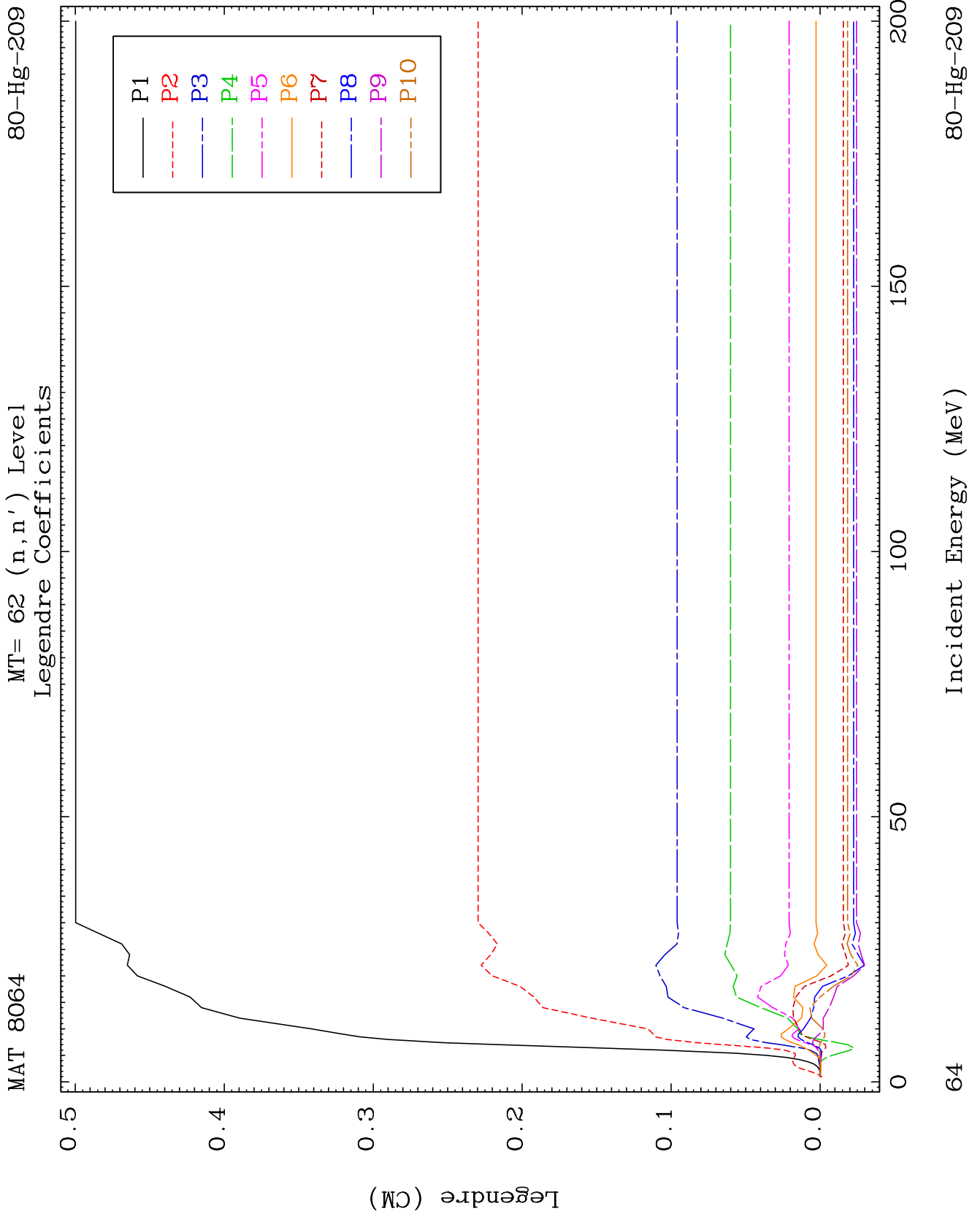
80-Hg-209



62

80-Hg-209

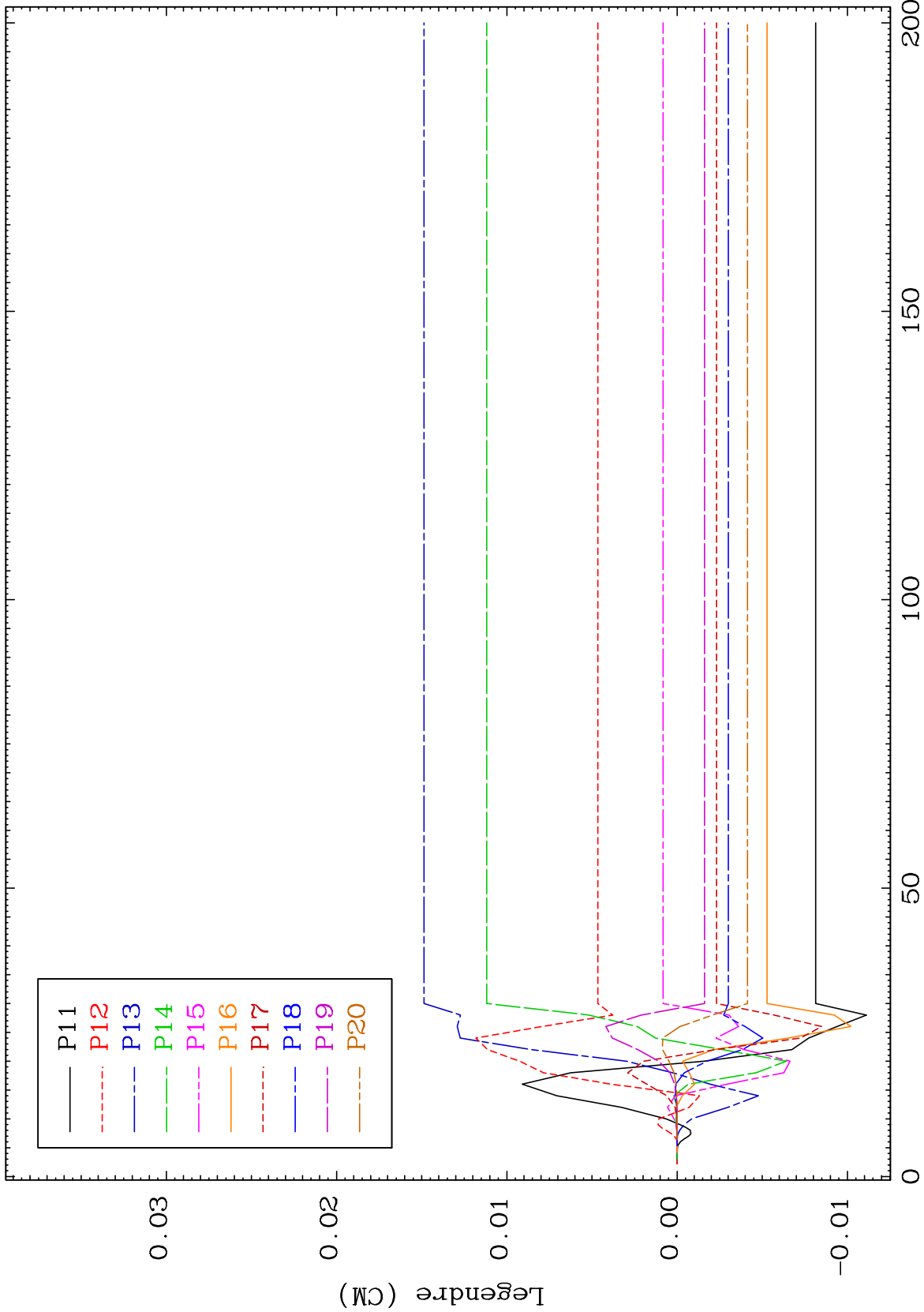




MAT 8064

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

80-Hg-209



65

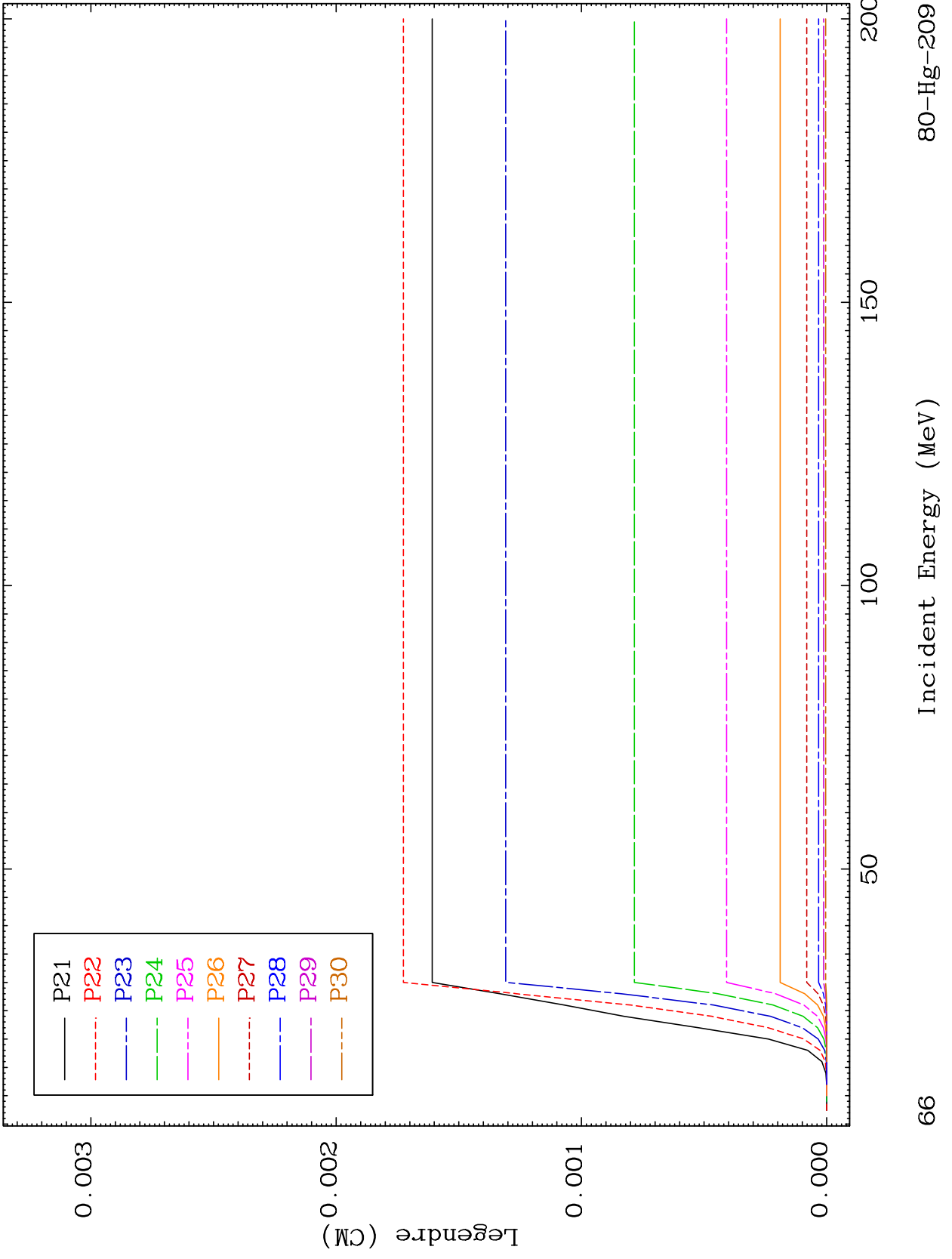
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



66

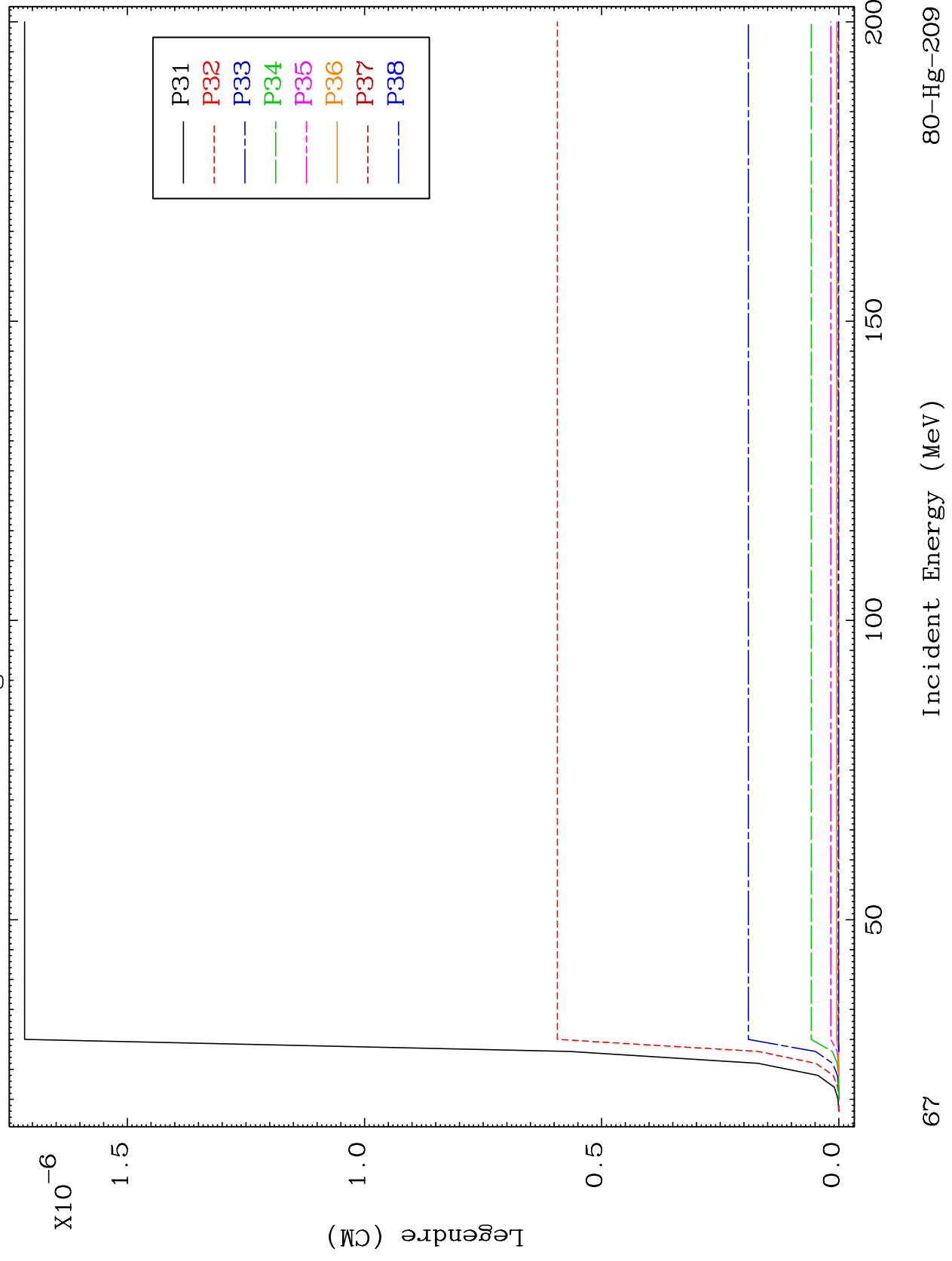
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



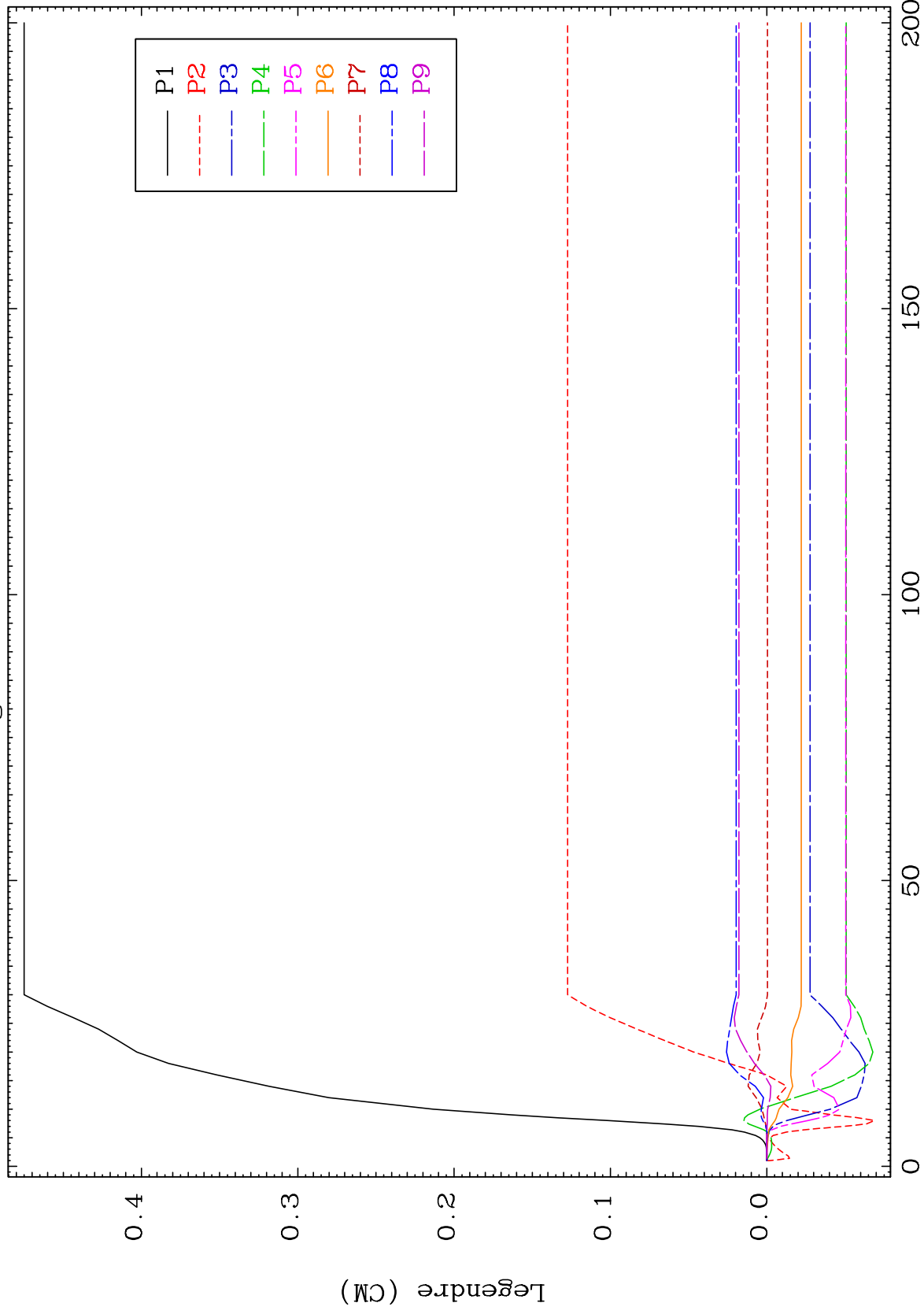
67

80-Hg-209

MAT 8064

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

80-Hg-209



68

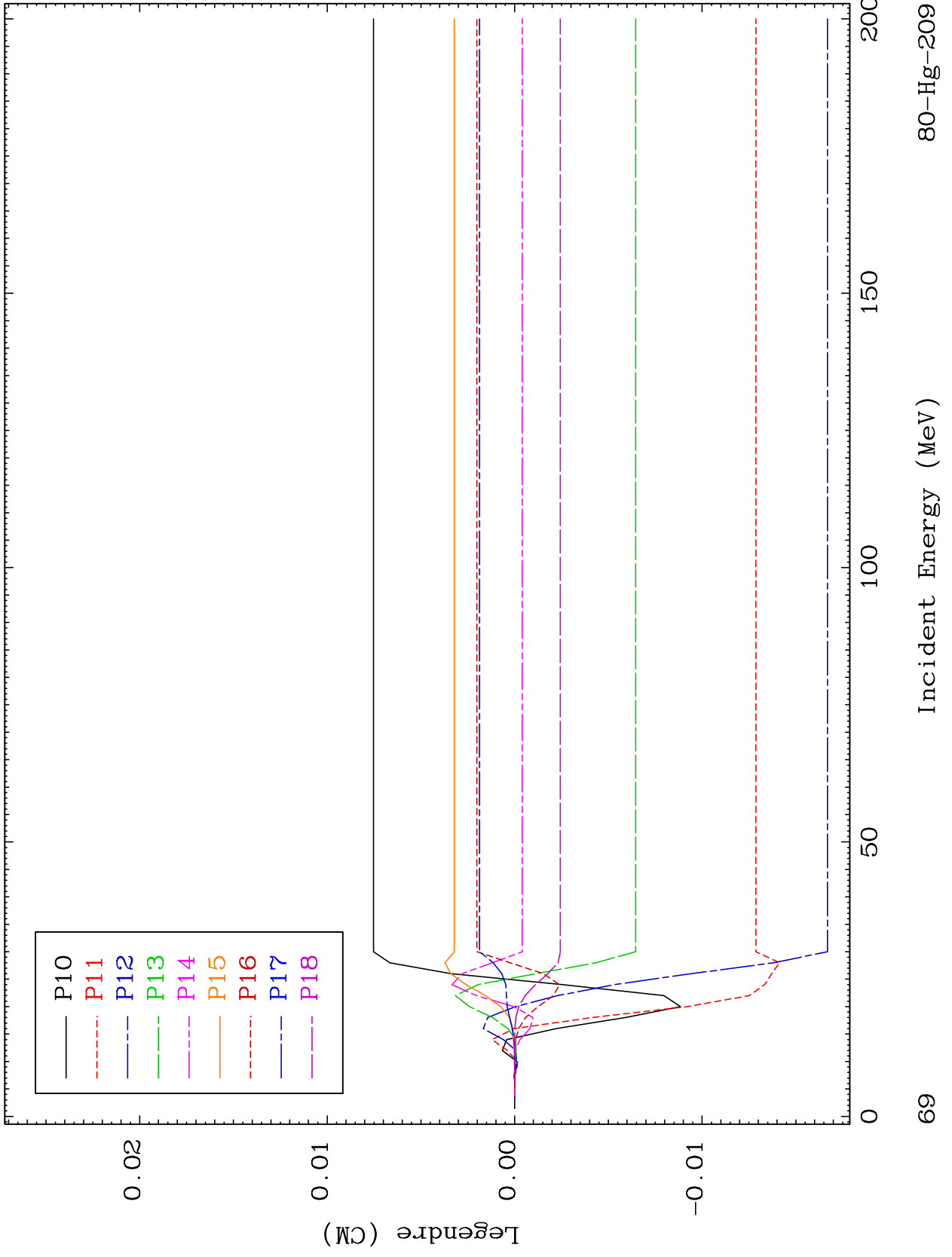
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



69

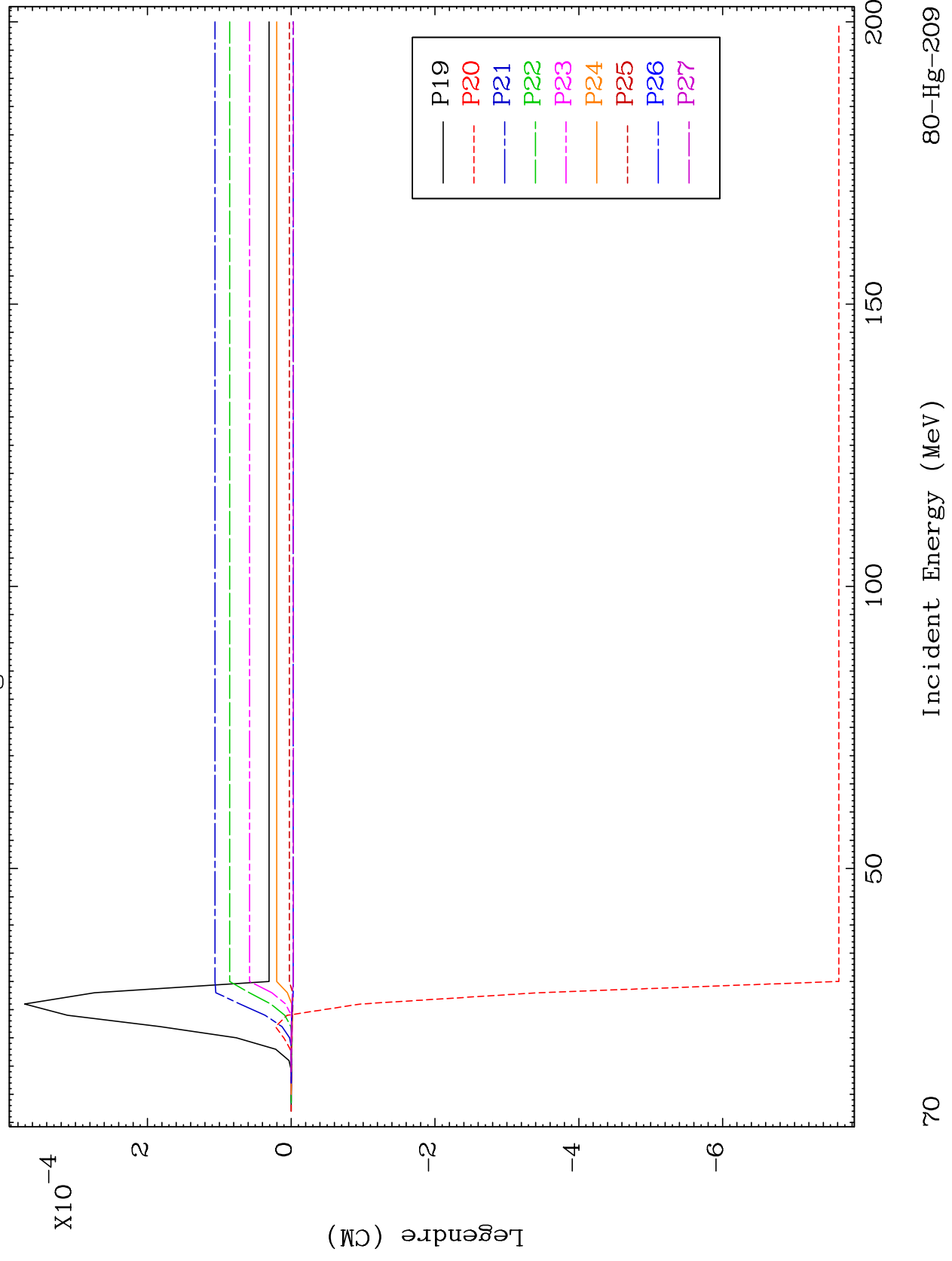
Incident Energy (MeV)

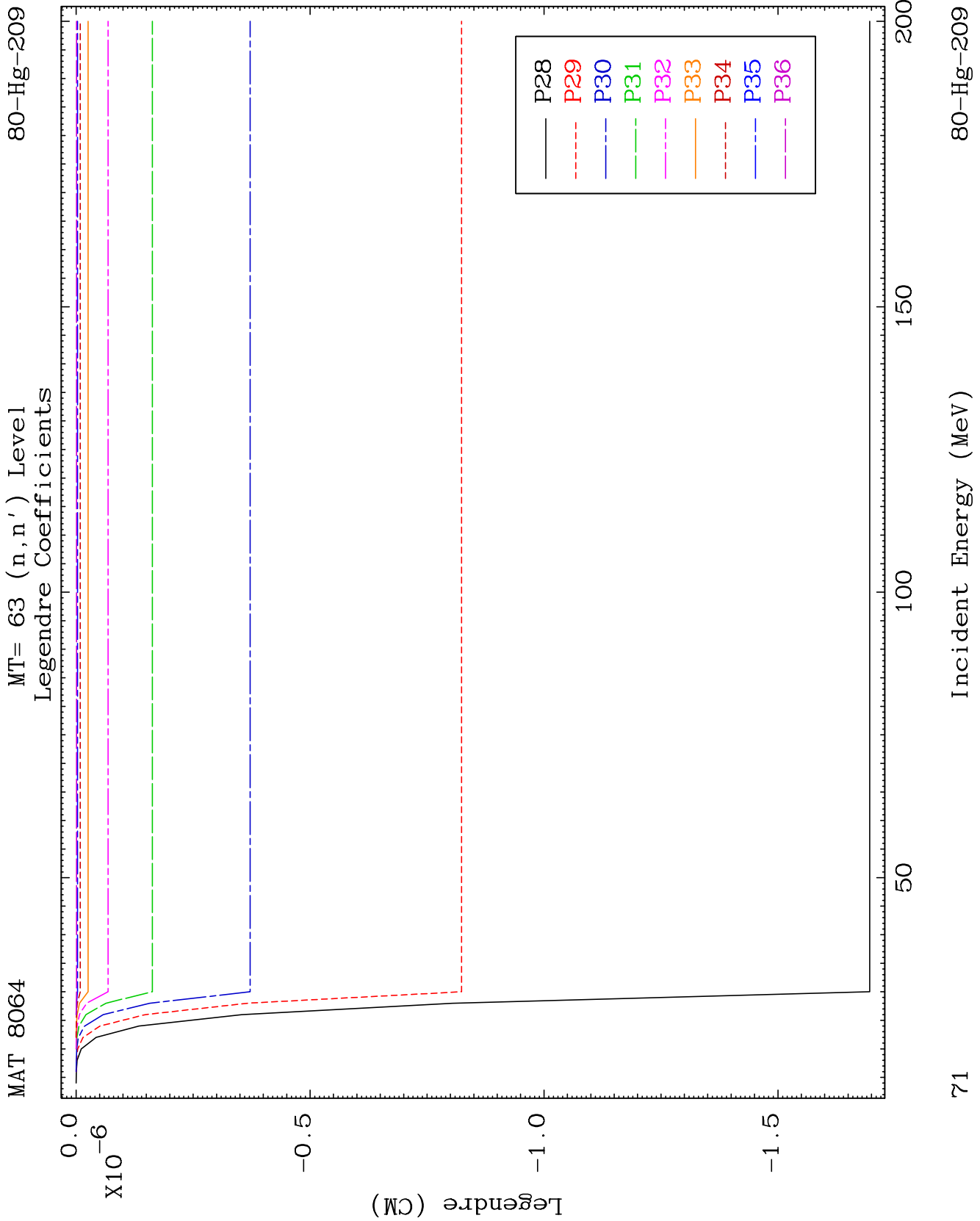
80-Hg-209

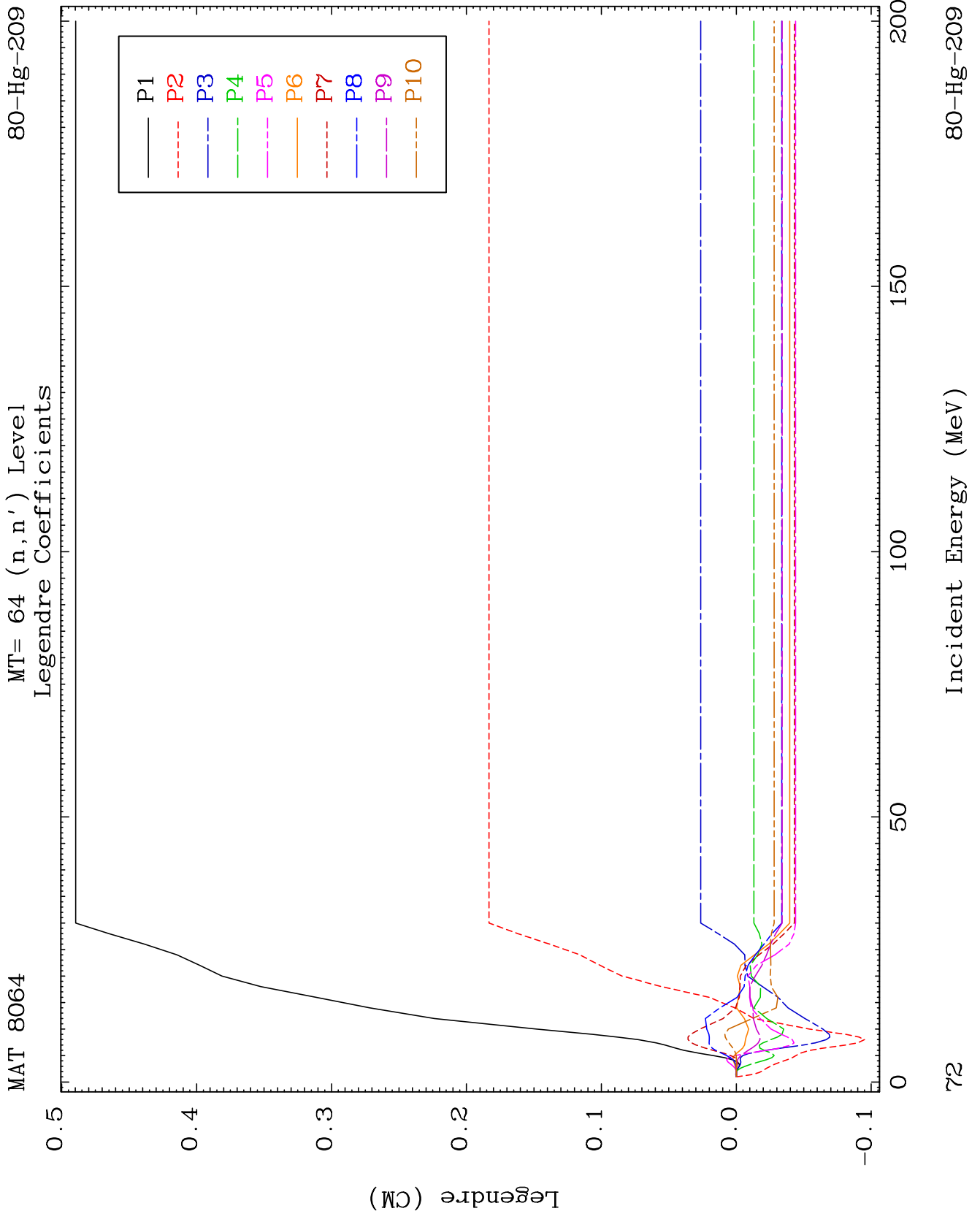
MAT 8064

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

80-Hg-209



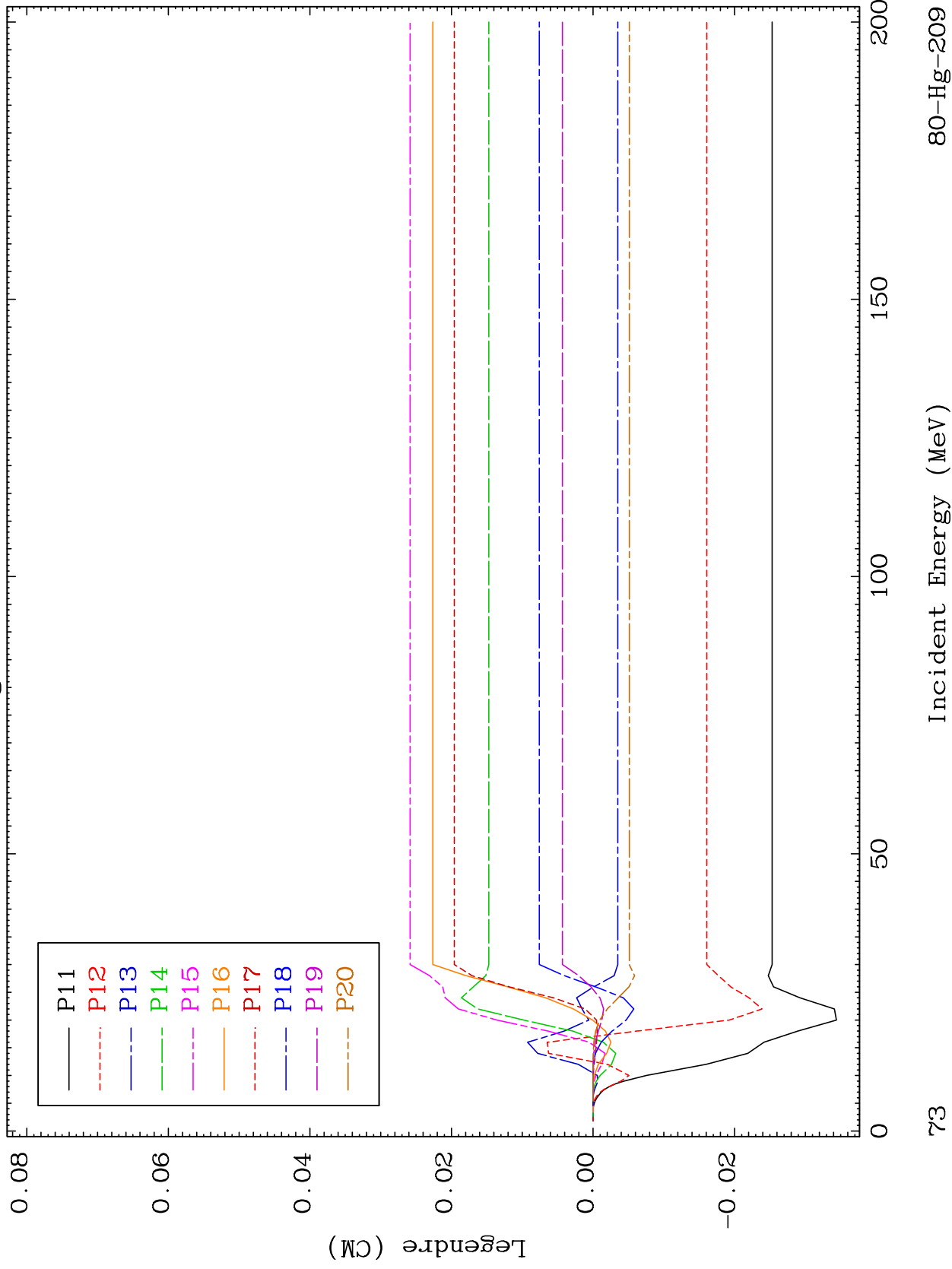




MAT 8064

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

80-Hg-209



73

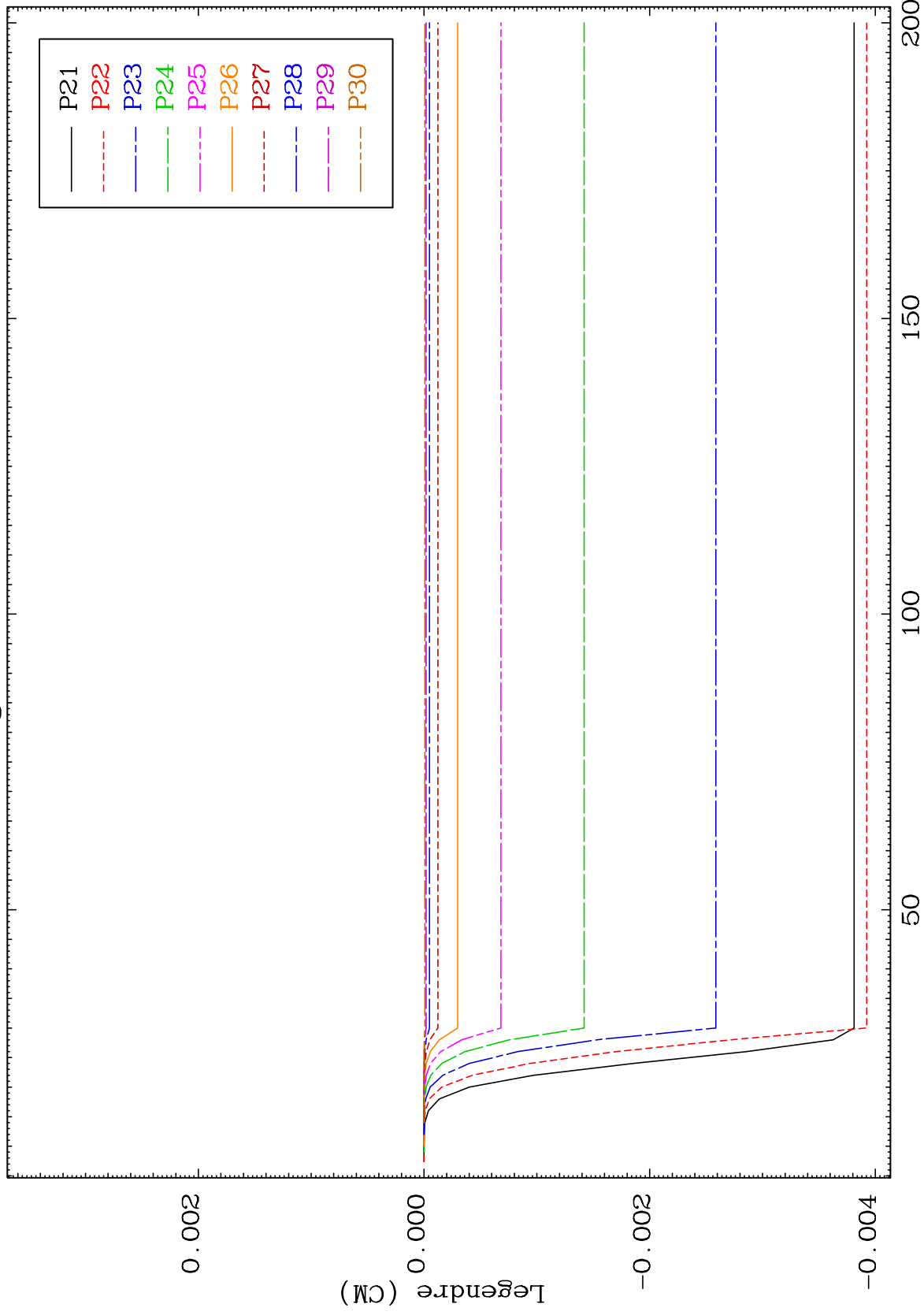
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

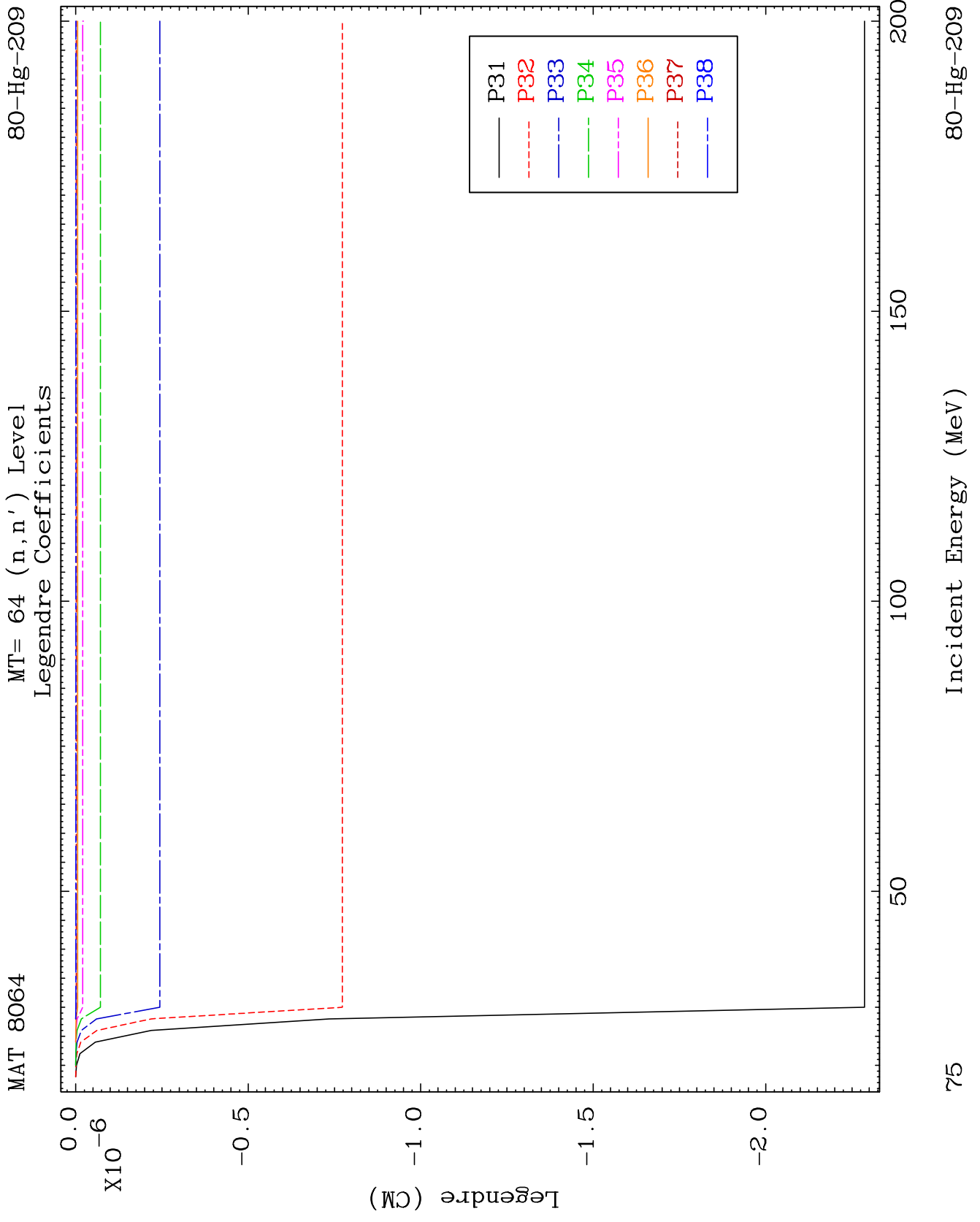
80-Hg-209

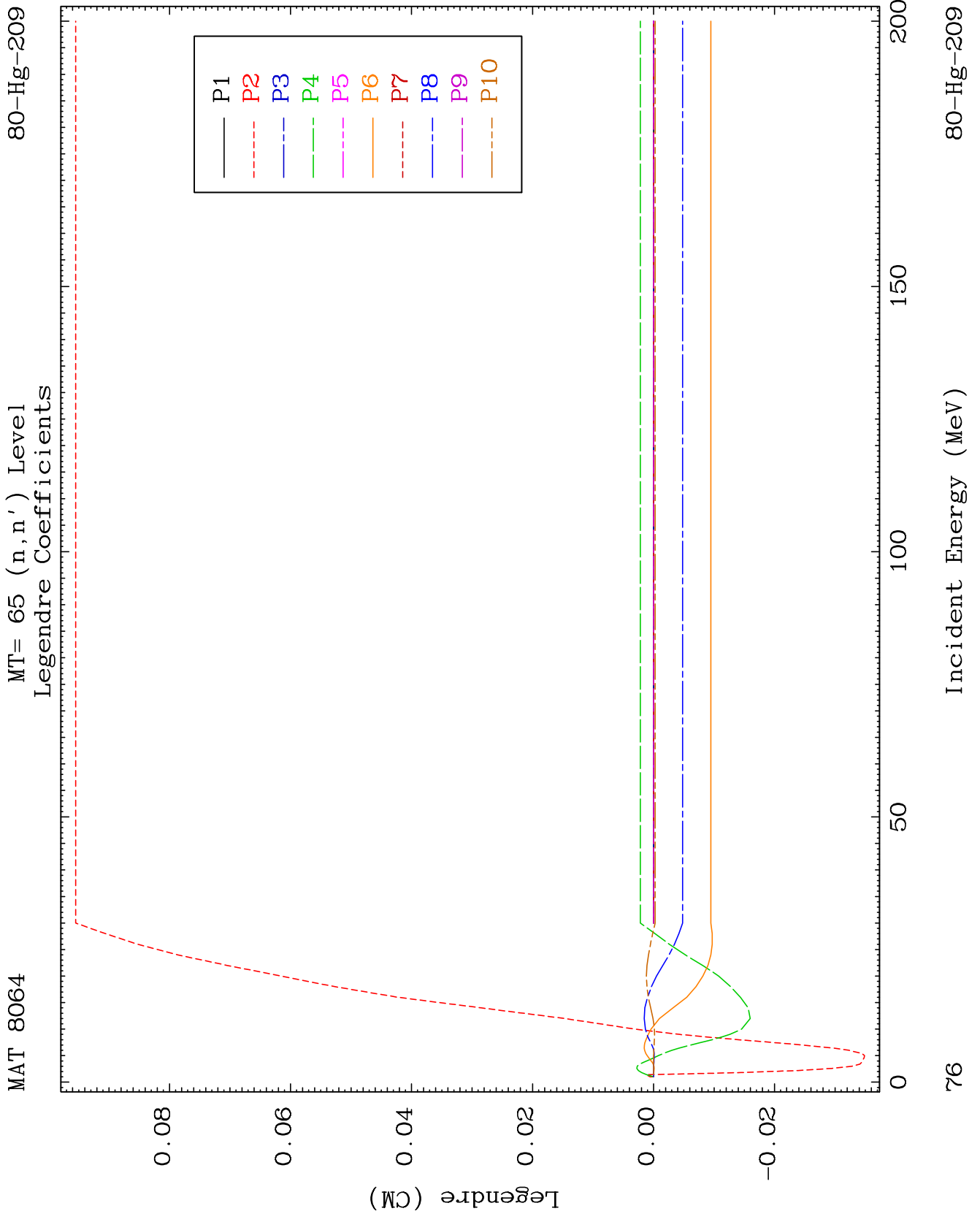


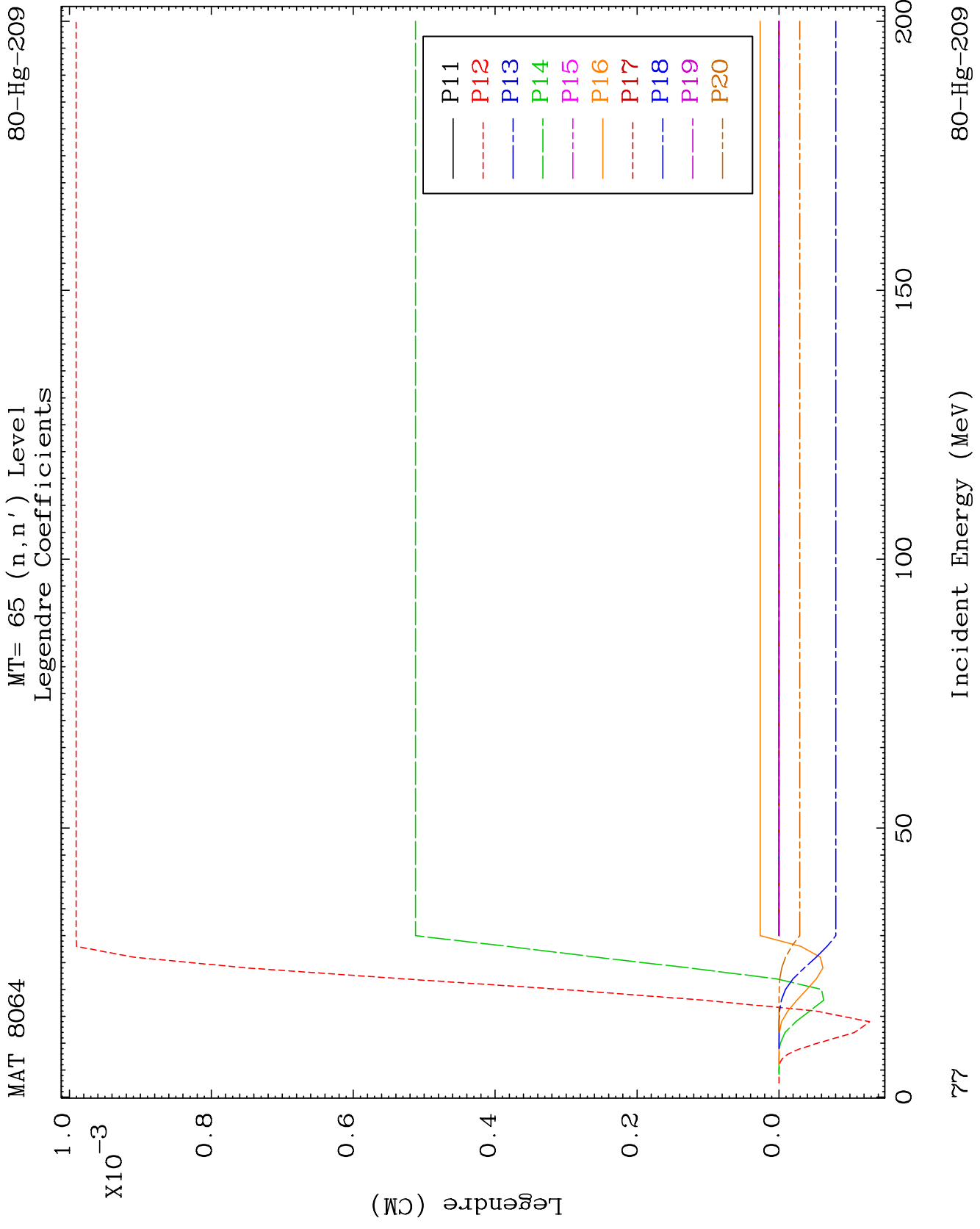
74

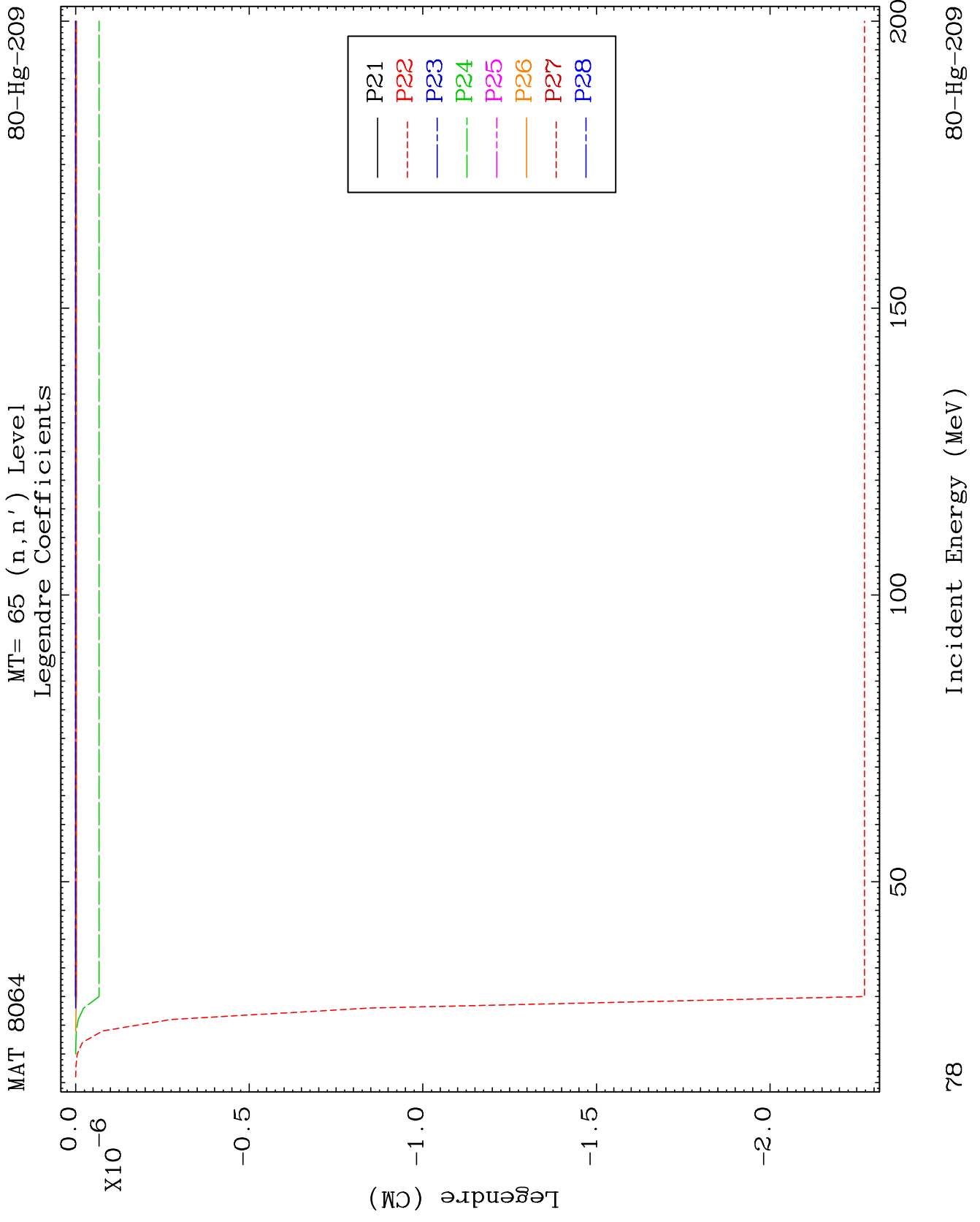
Incident Energy (MeV)

80-Hg-209





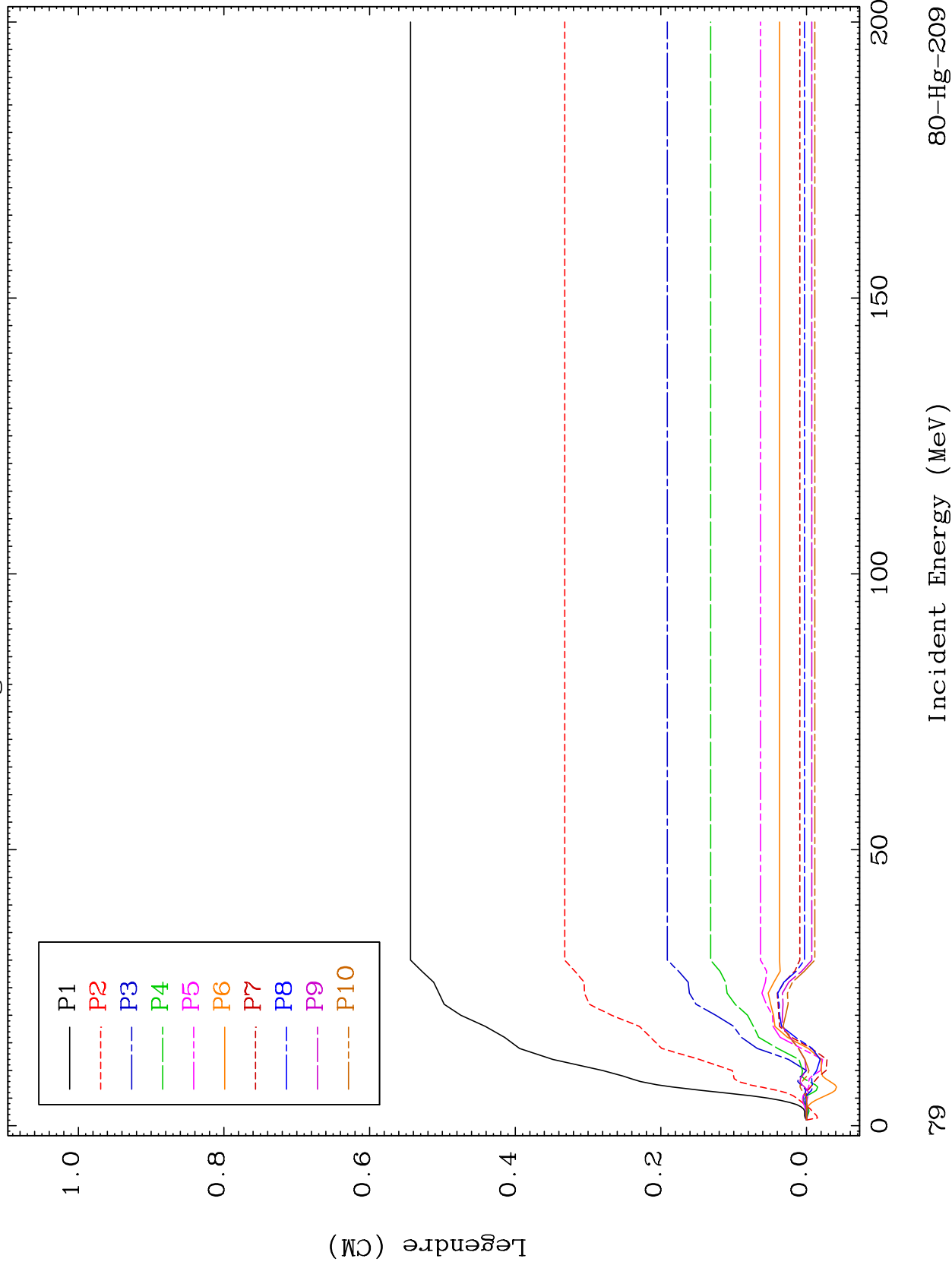




MAT 8064

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

80-Hg-209

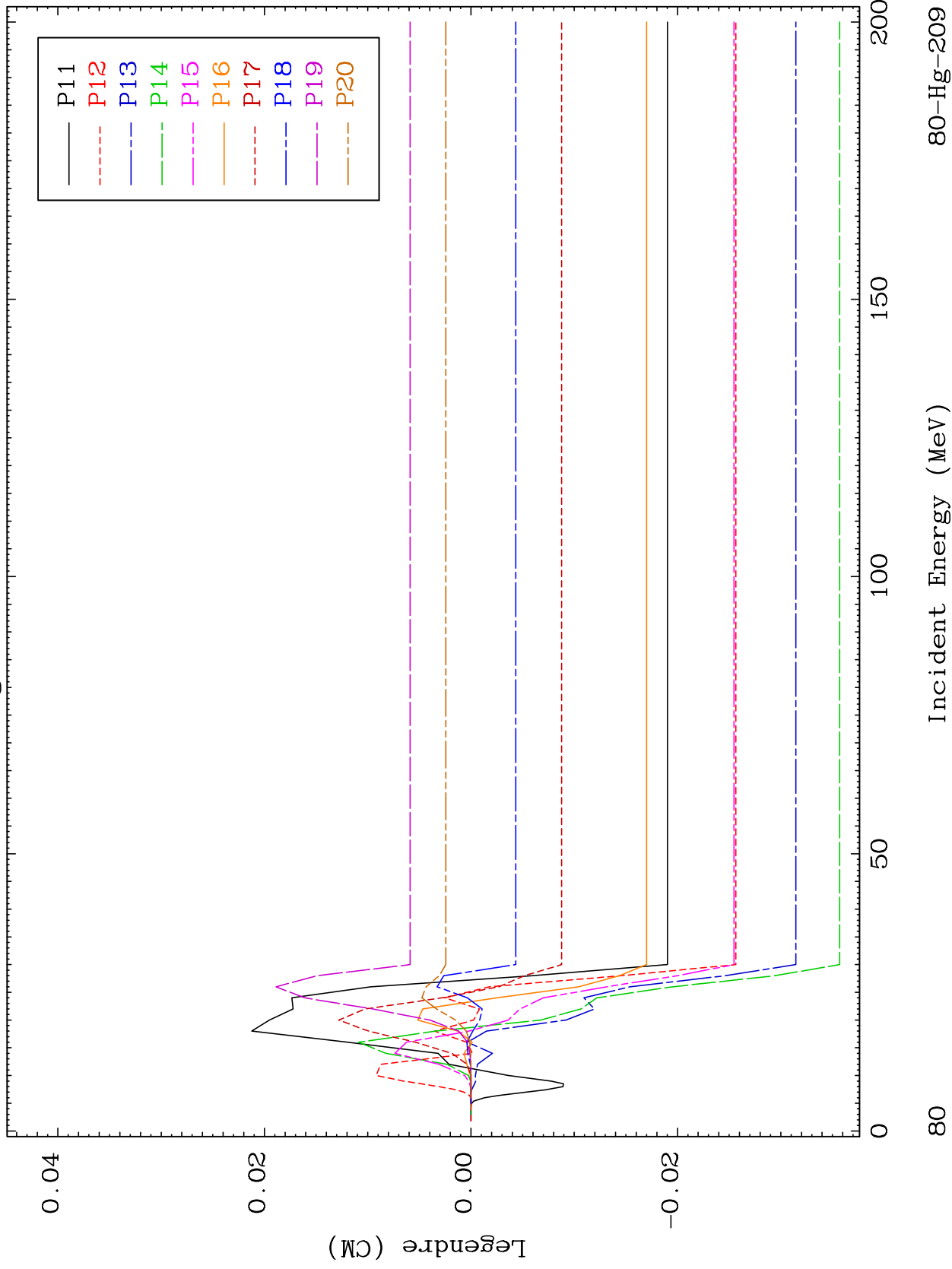


79

MAT 8064

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

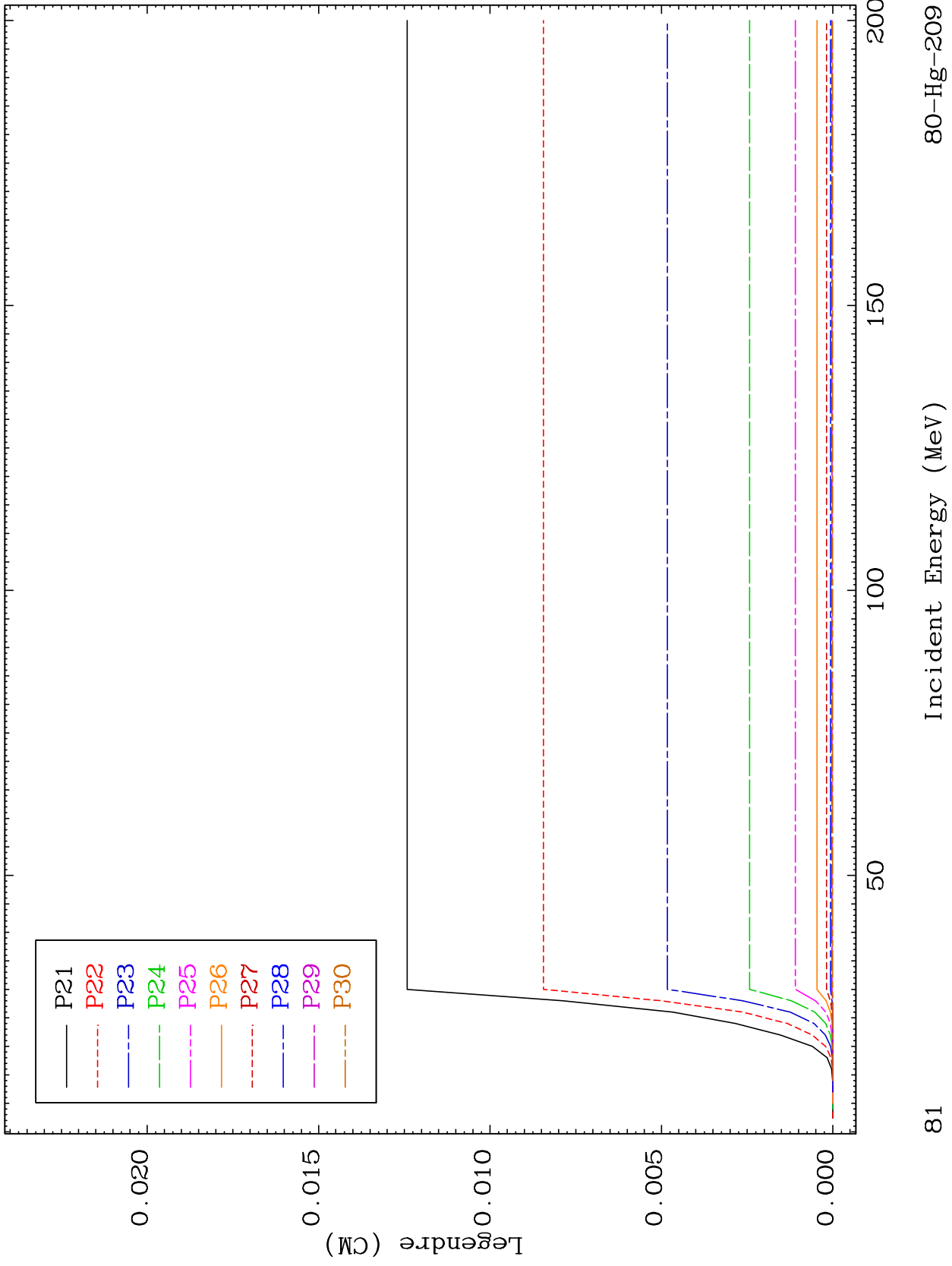
80-Hg-209



80-Hg-209

Incident Energy (MeV)

80

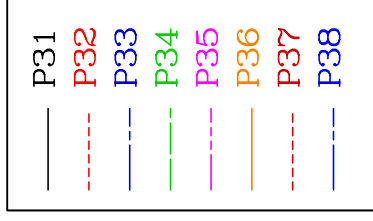


MAT 8064

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

80-Hg-209

$\times 10^{-6}$



Legendre (CM)

2

1

0

50

100

150

200

82

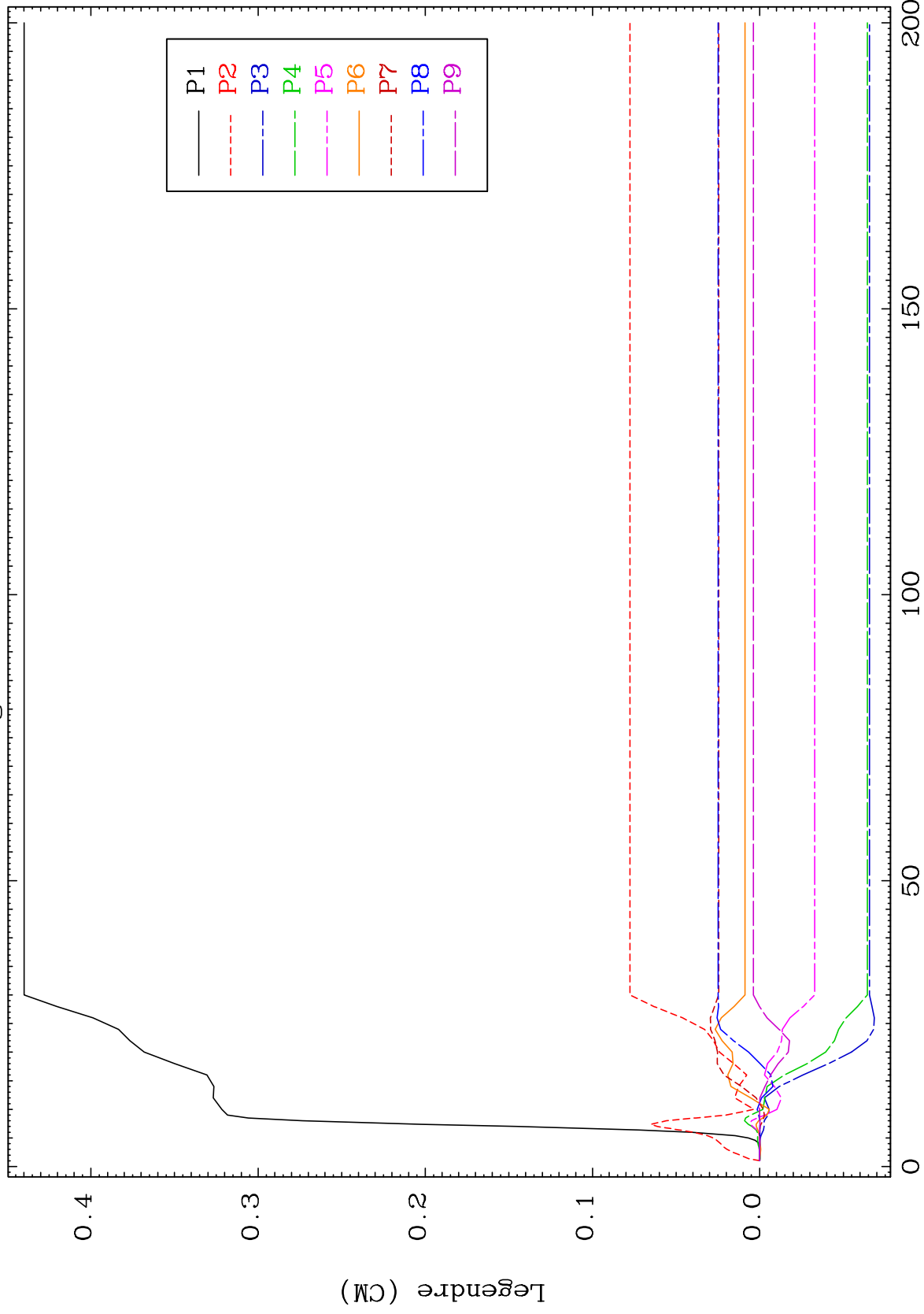
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



83

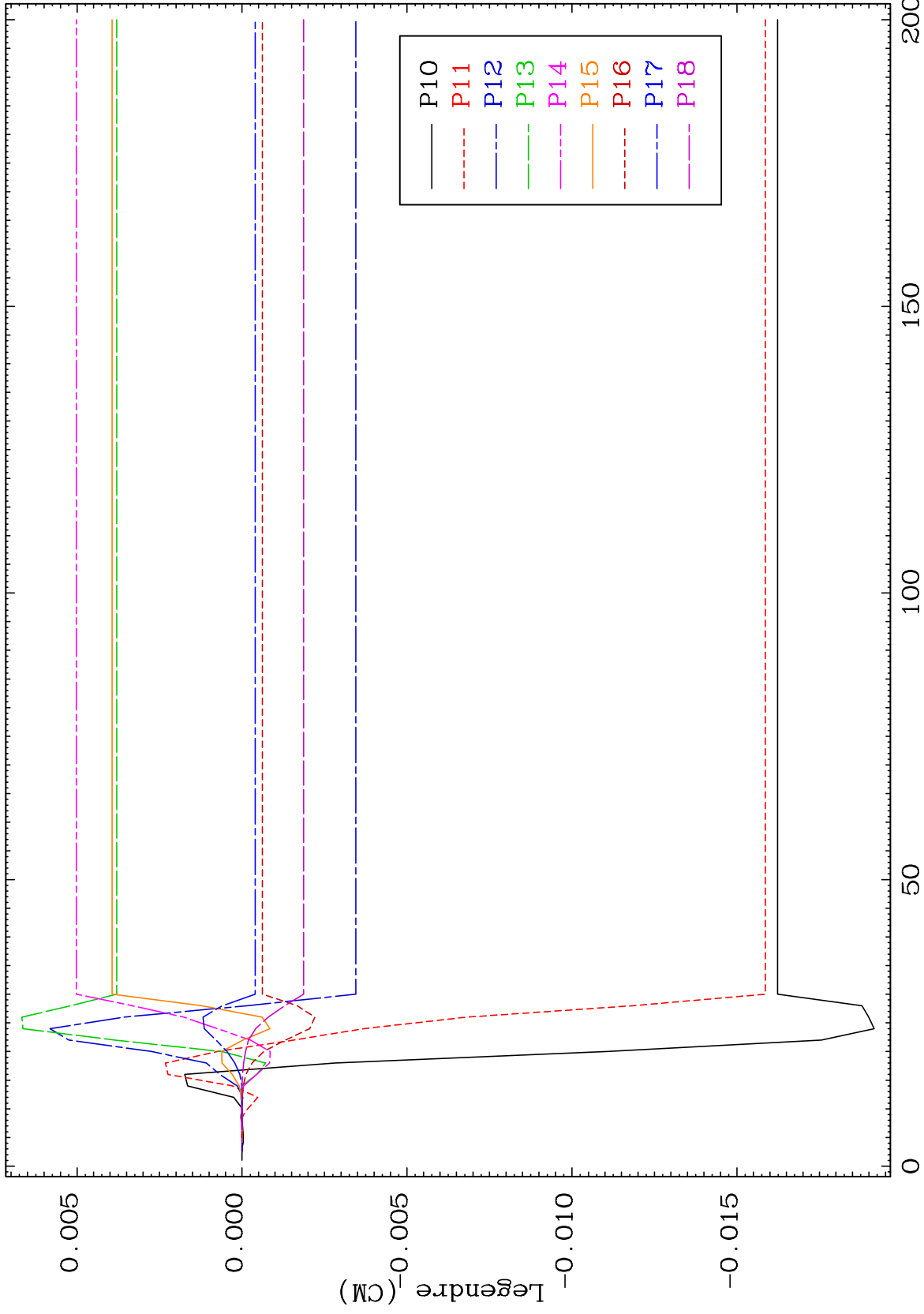
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



84

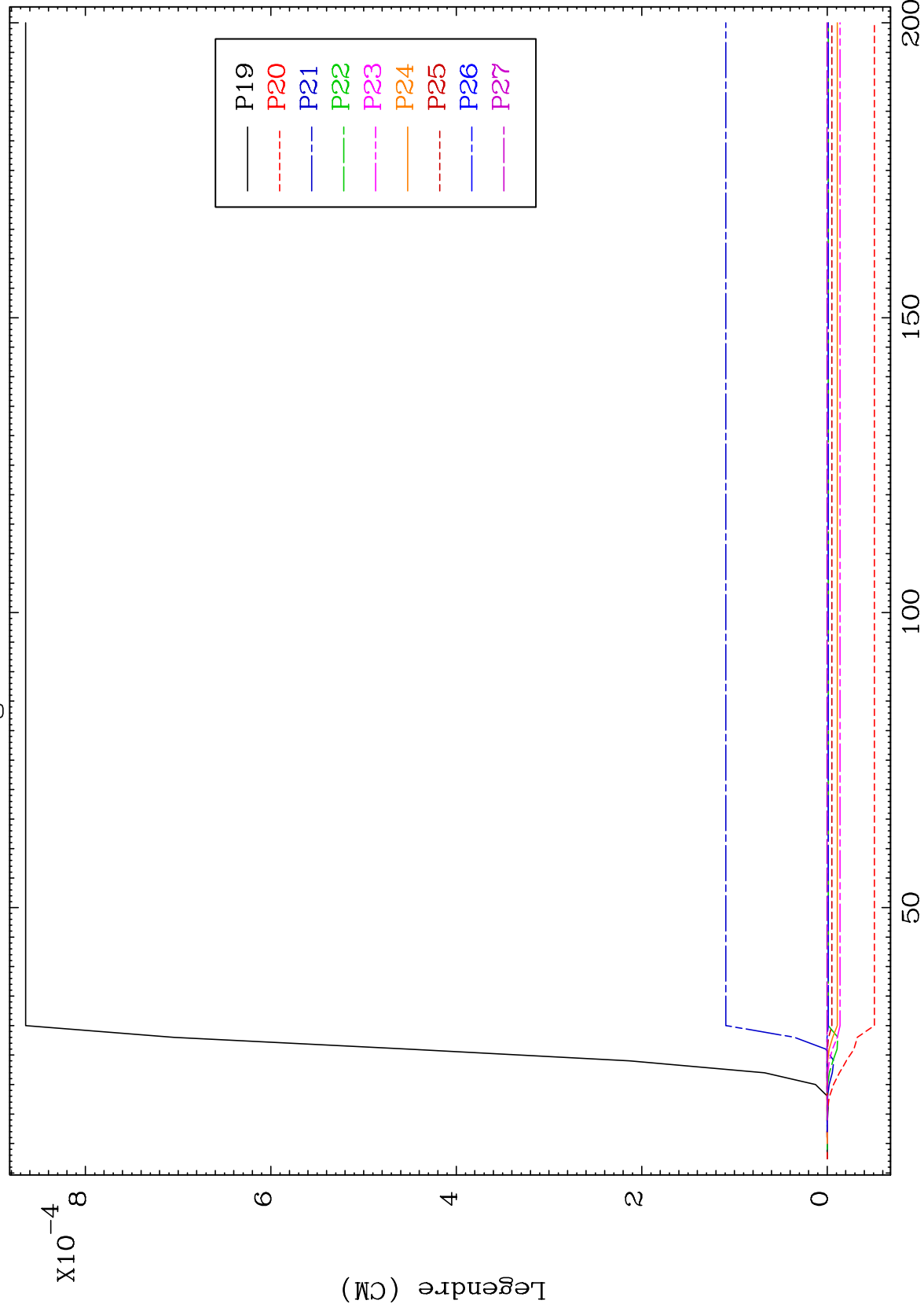
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



85

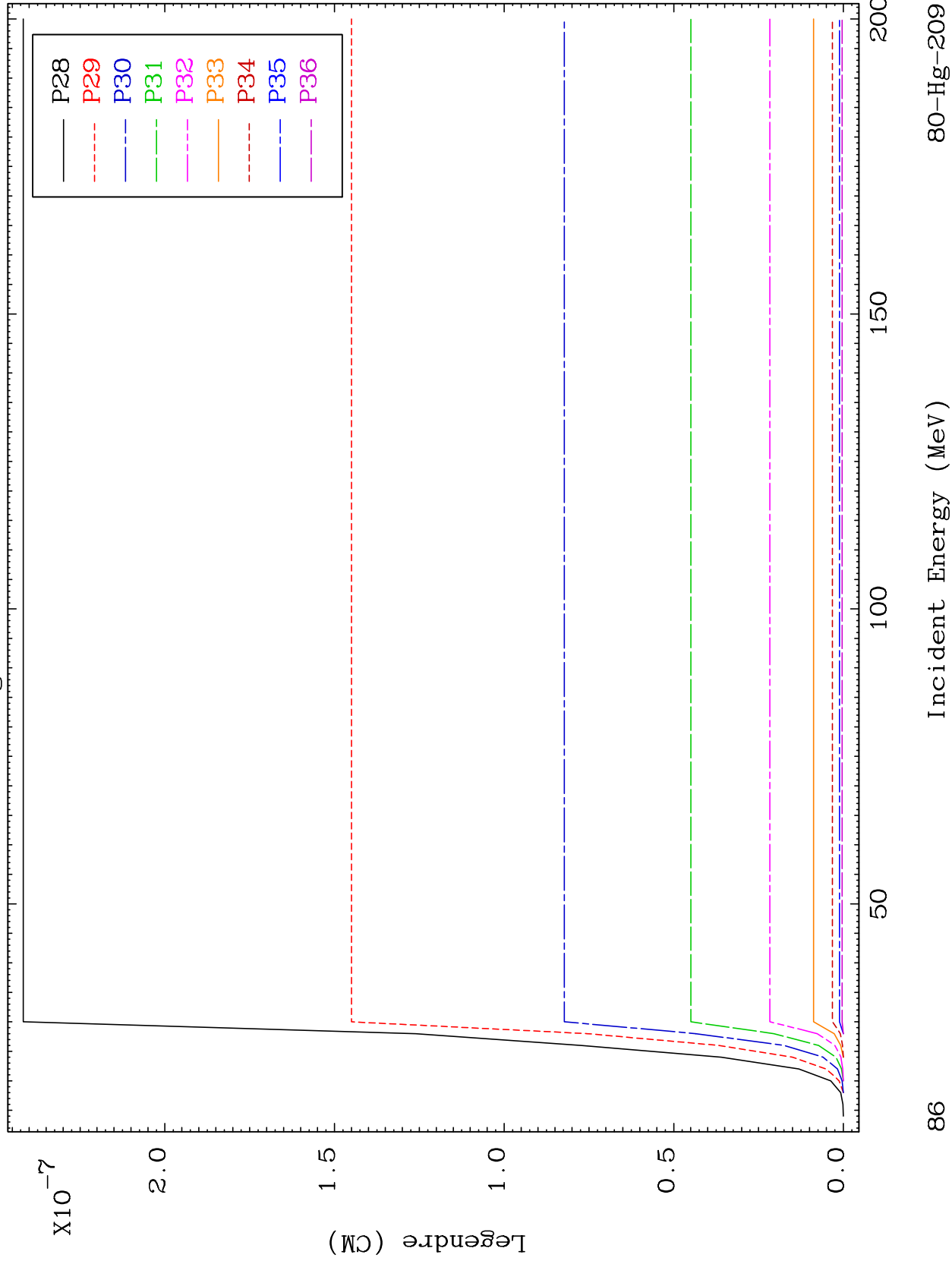
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

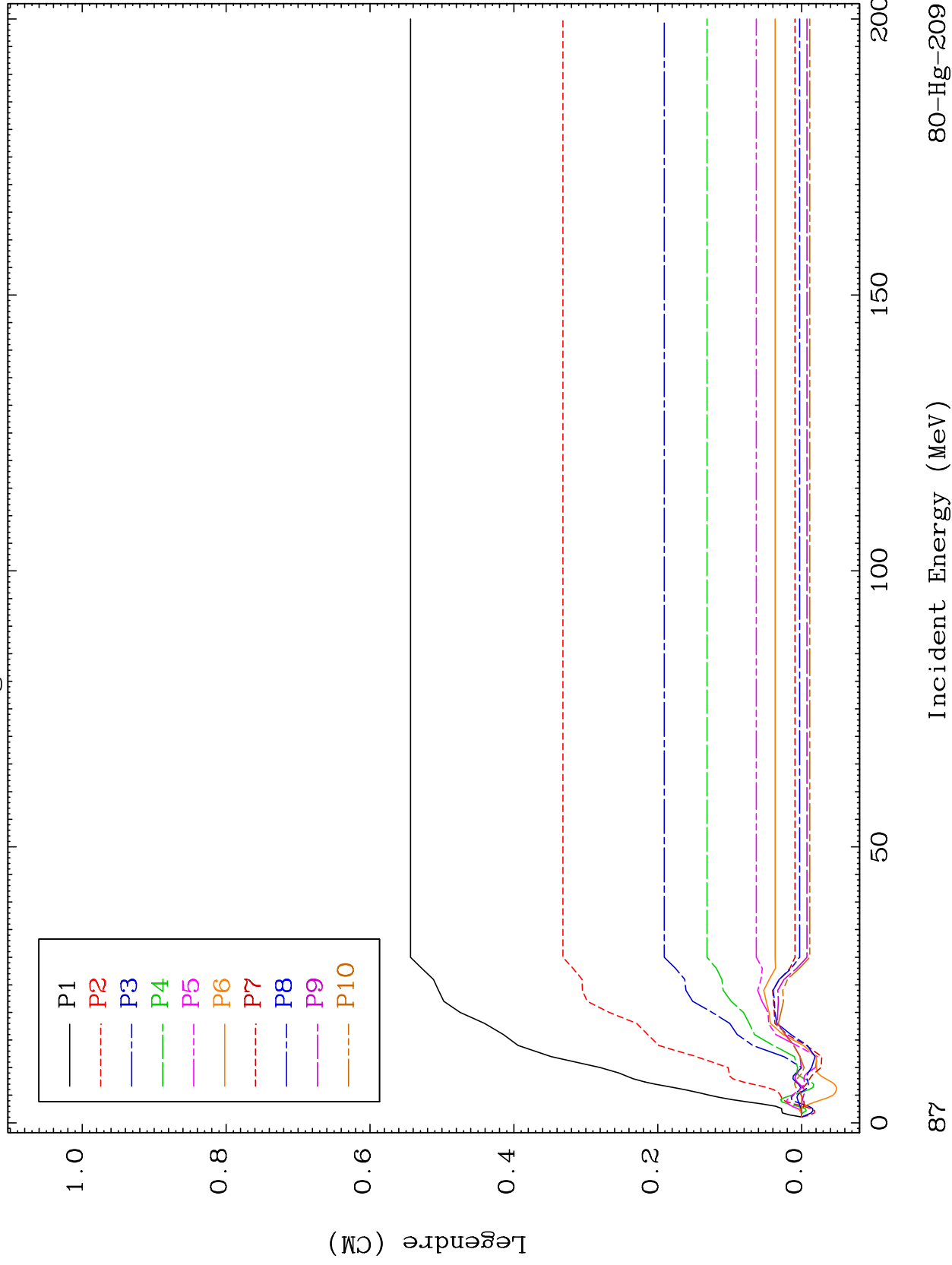
80-Hg-209



MAT 8064

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

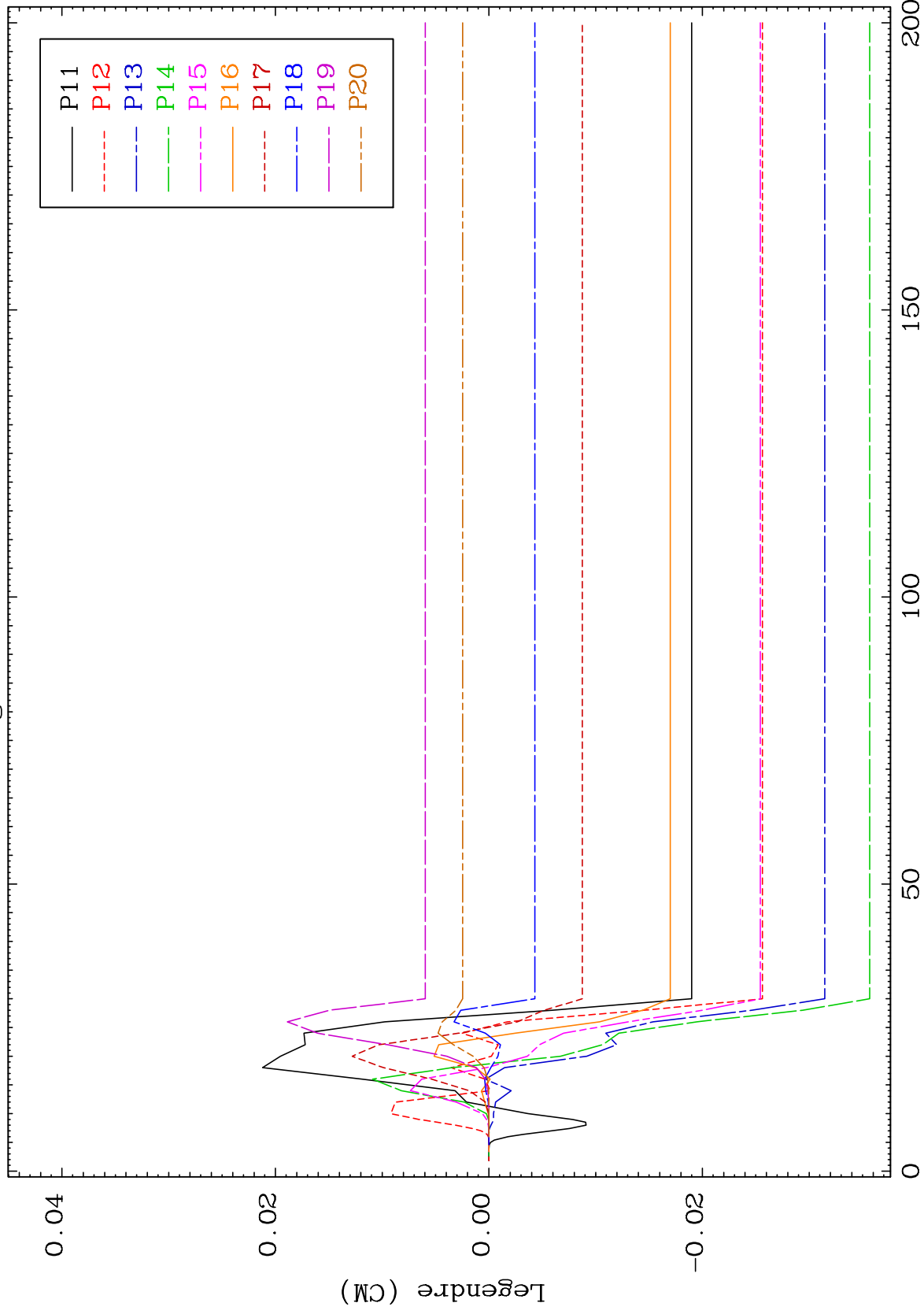
80-Hg-209



MAT 8064

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

80-Hg-209



88

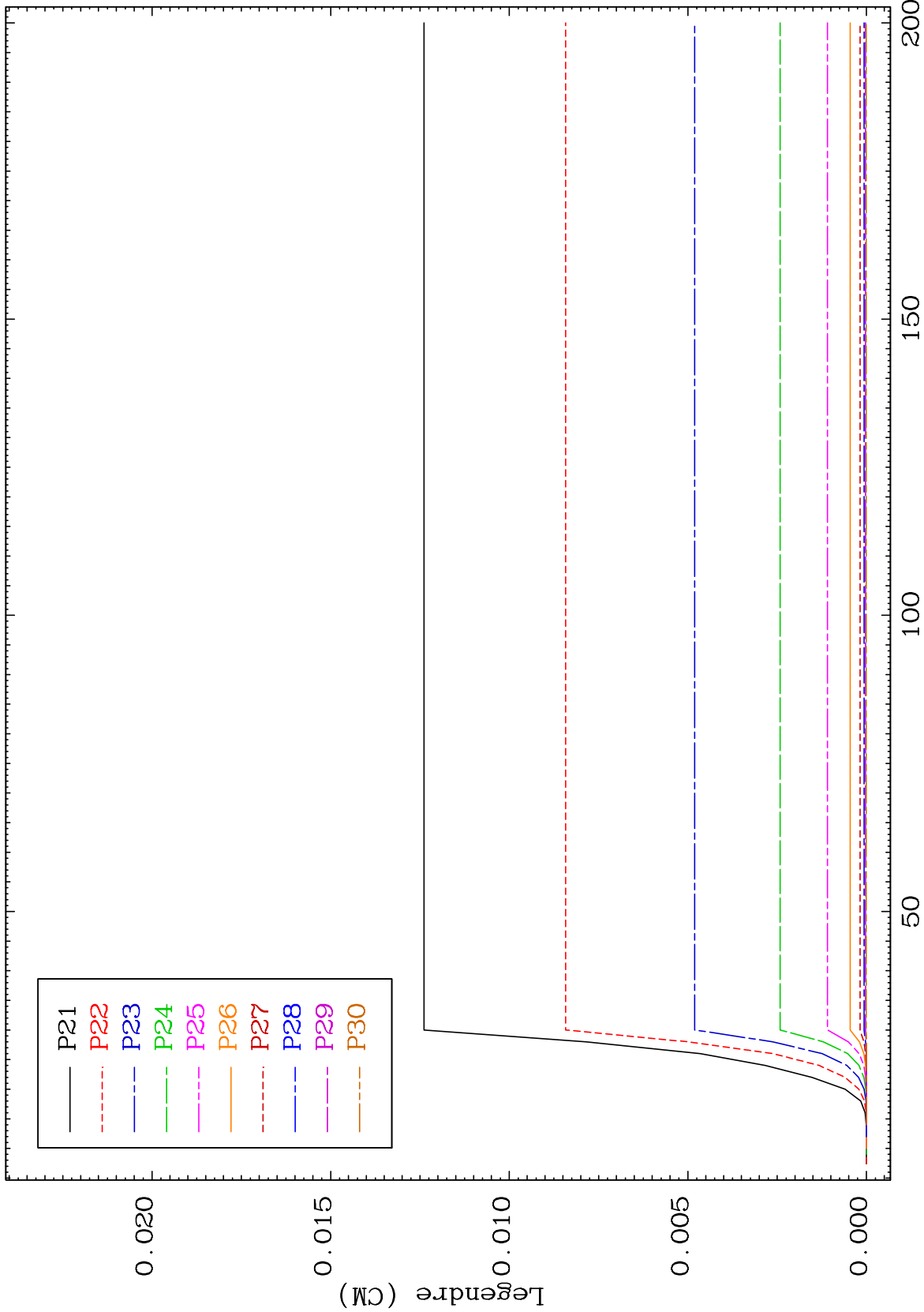
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



89

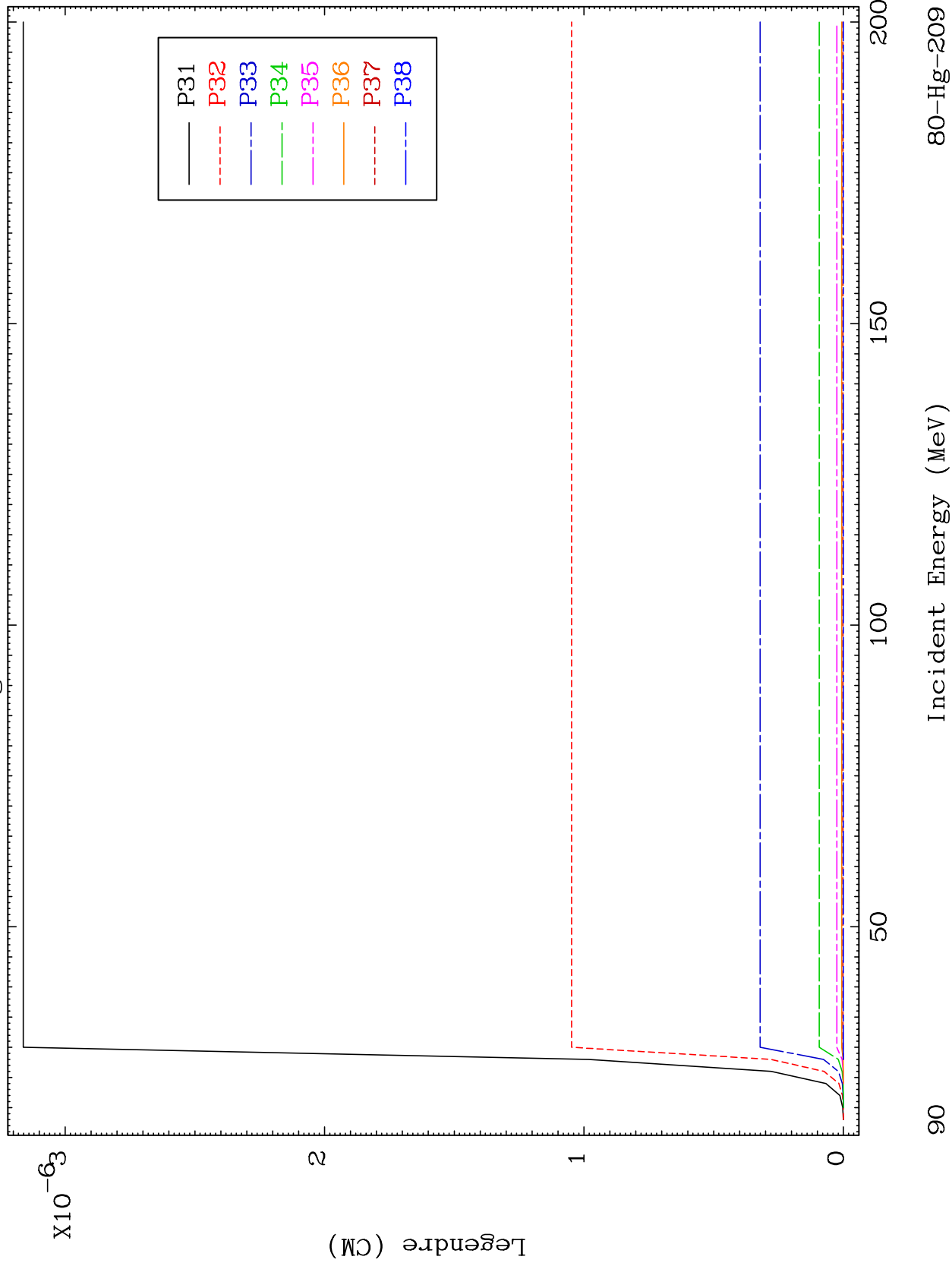
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

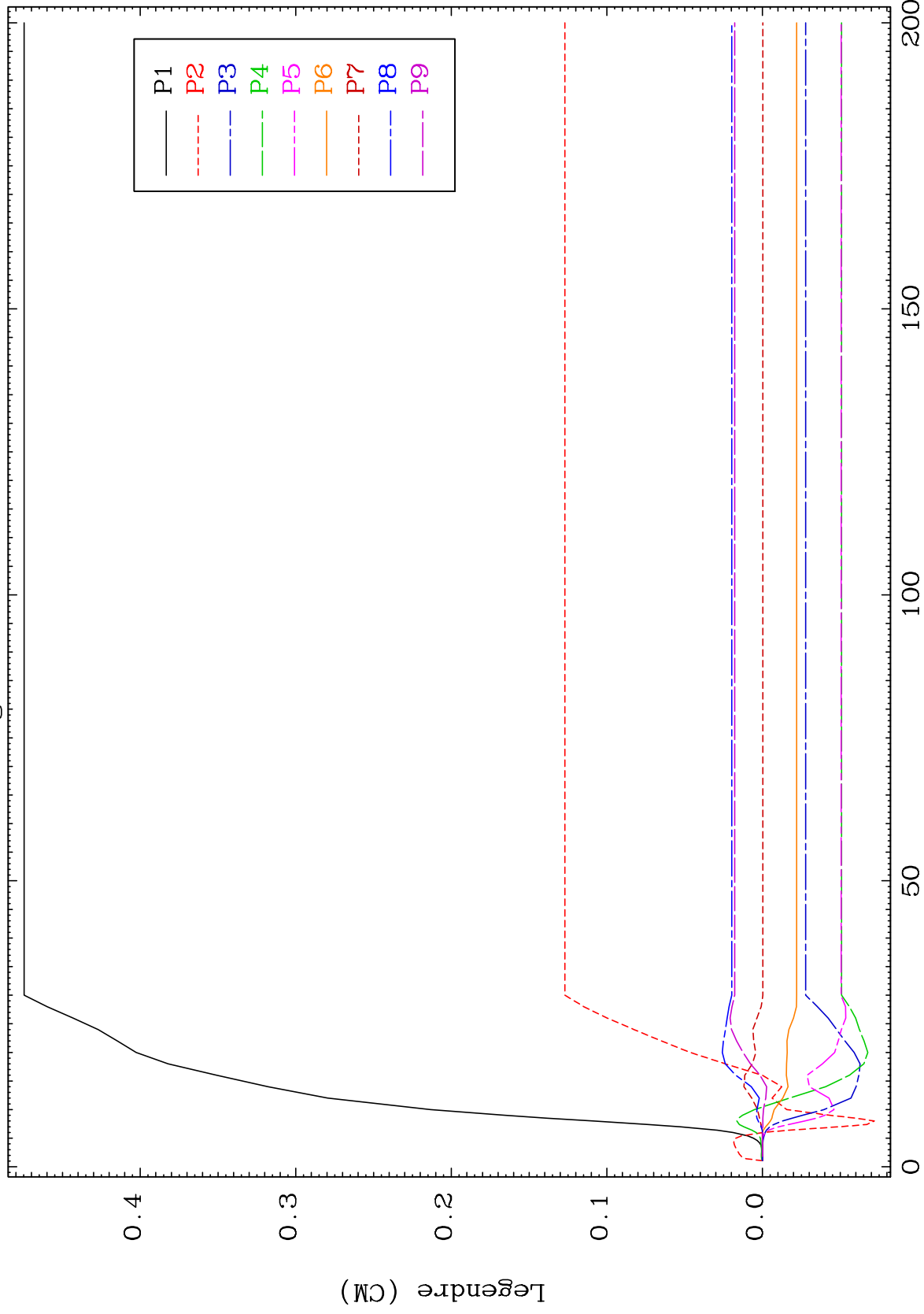
80-Hg-209



MAT 8064

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

80-Hg-209



91

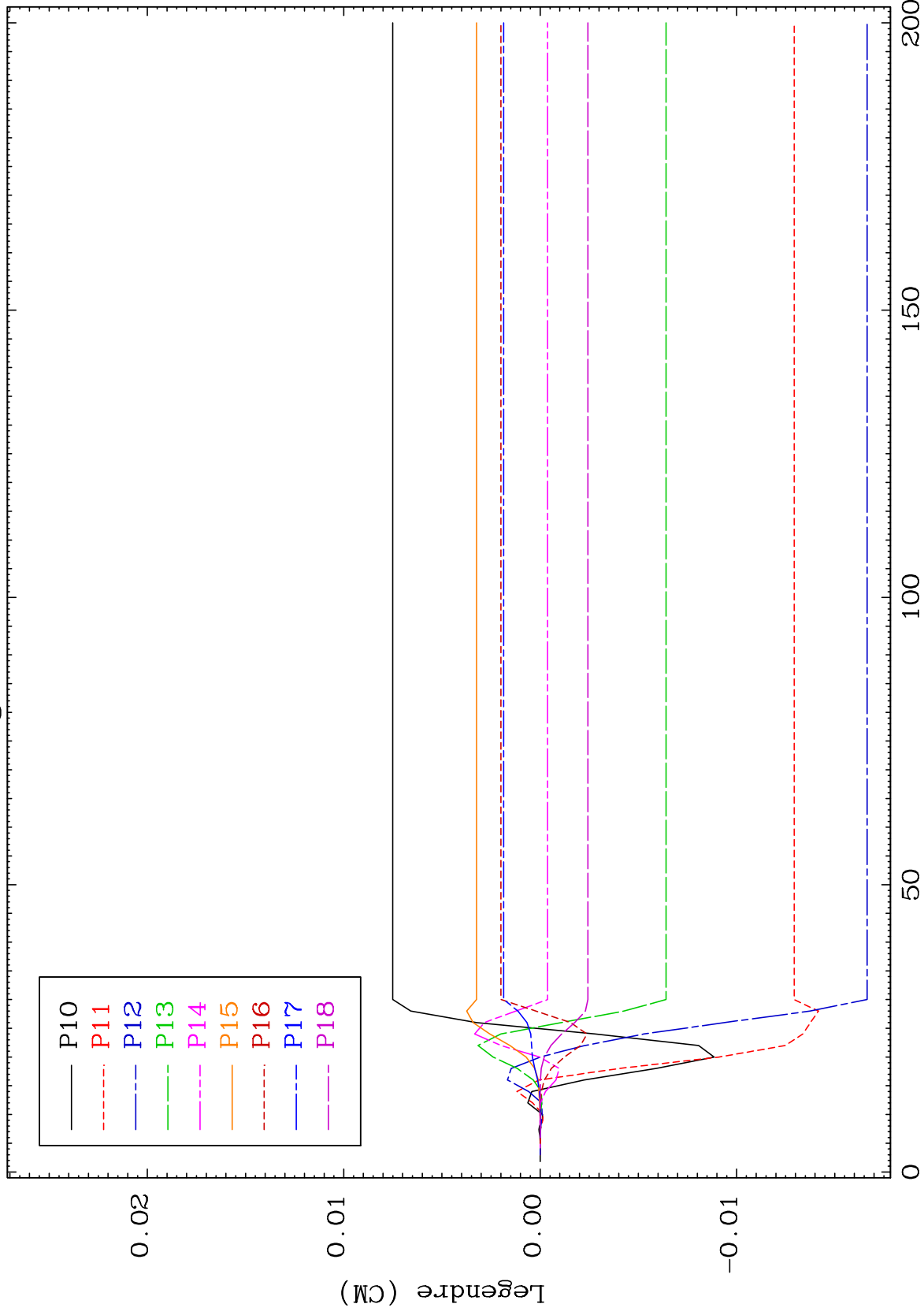
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



92

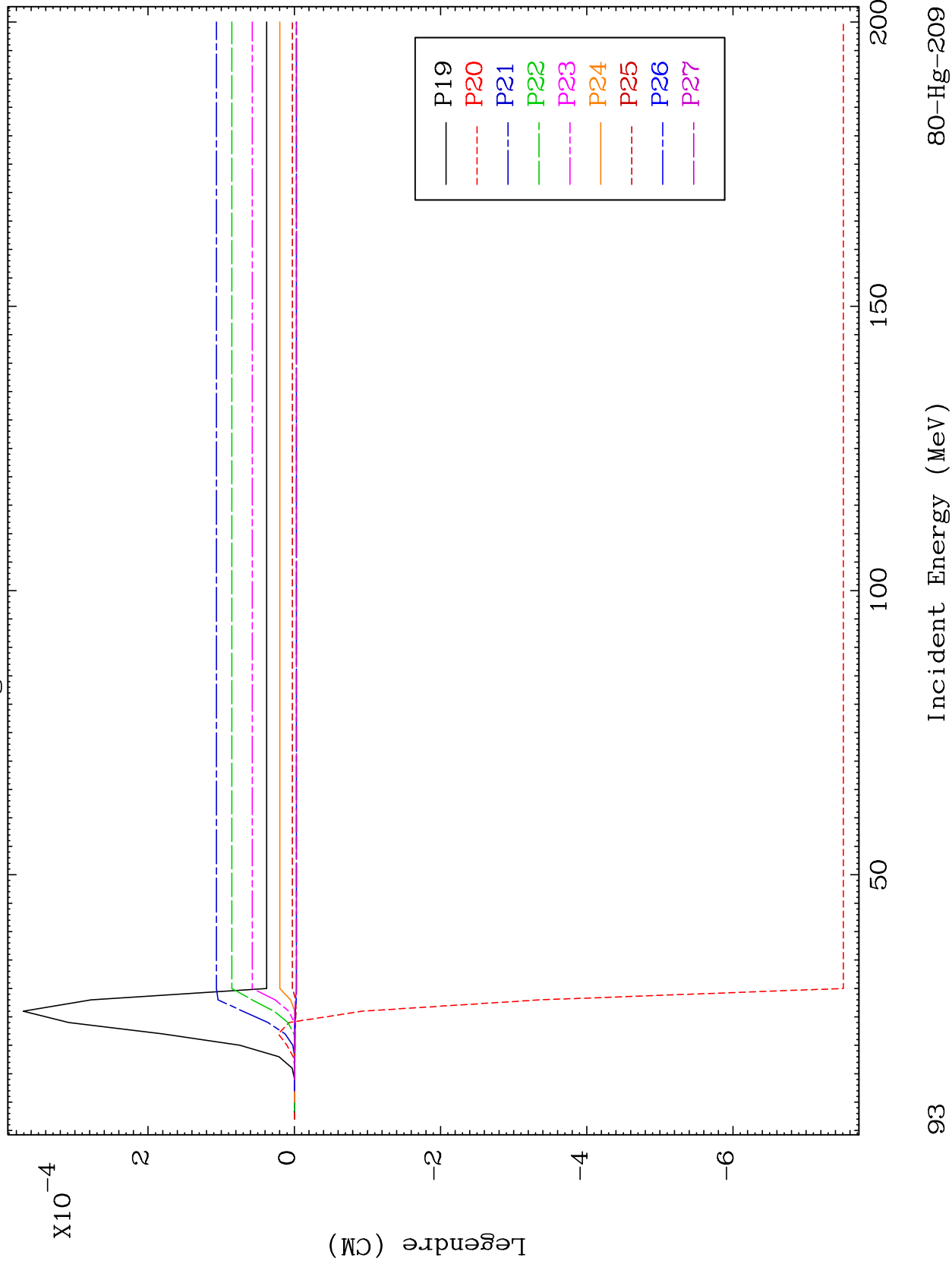
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

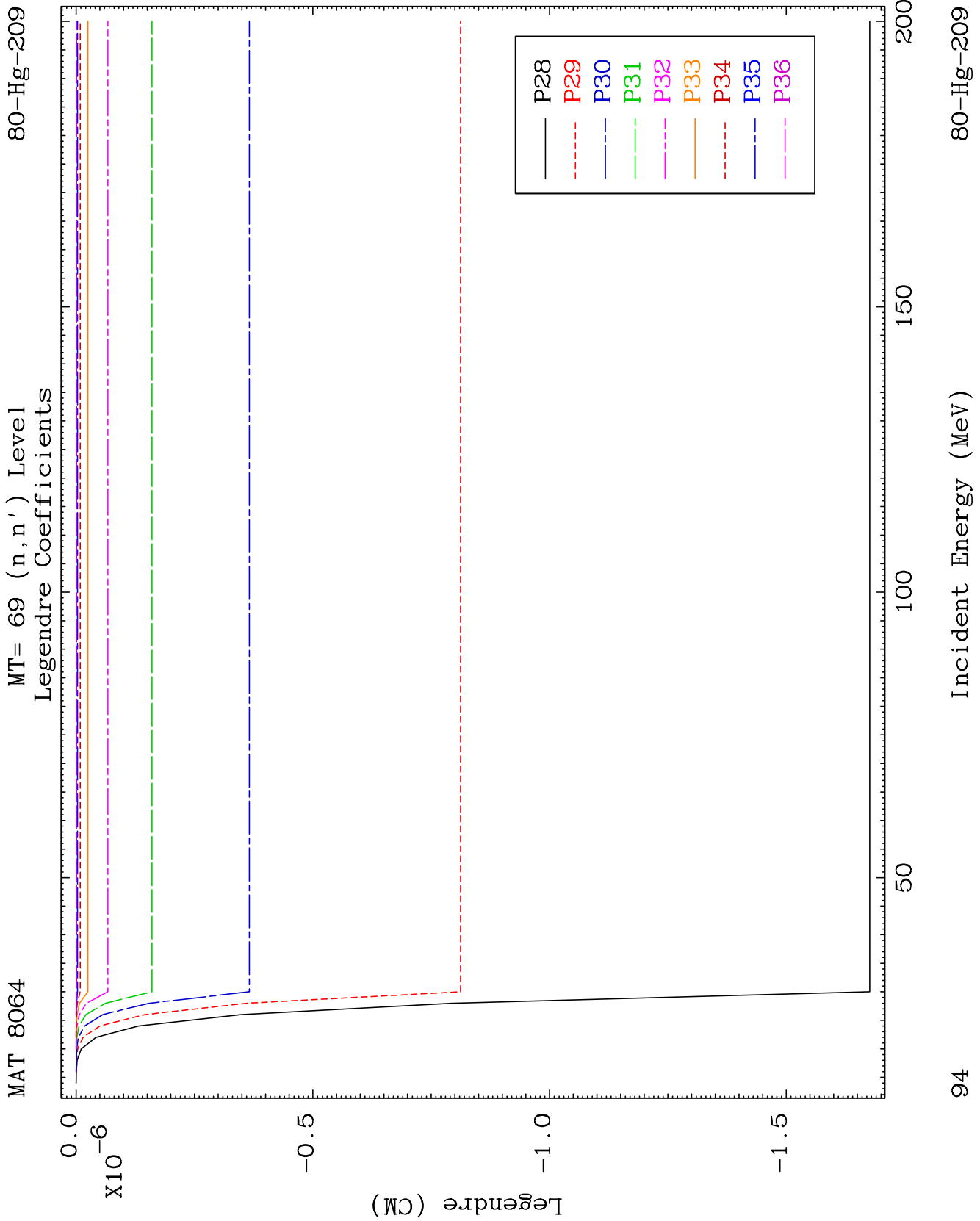
80-Hg-209



93

Incident Energy (MeV)

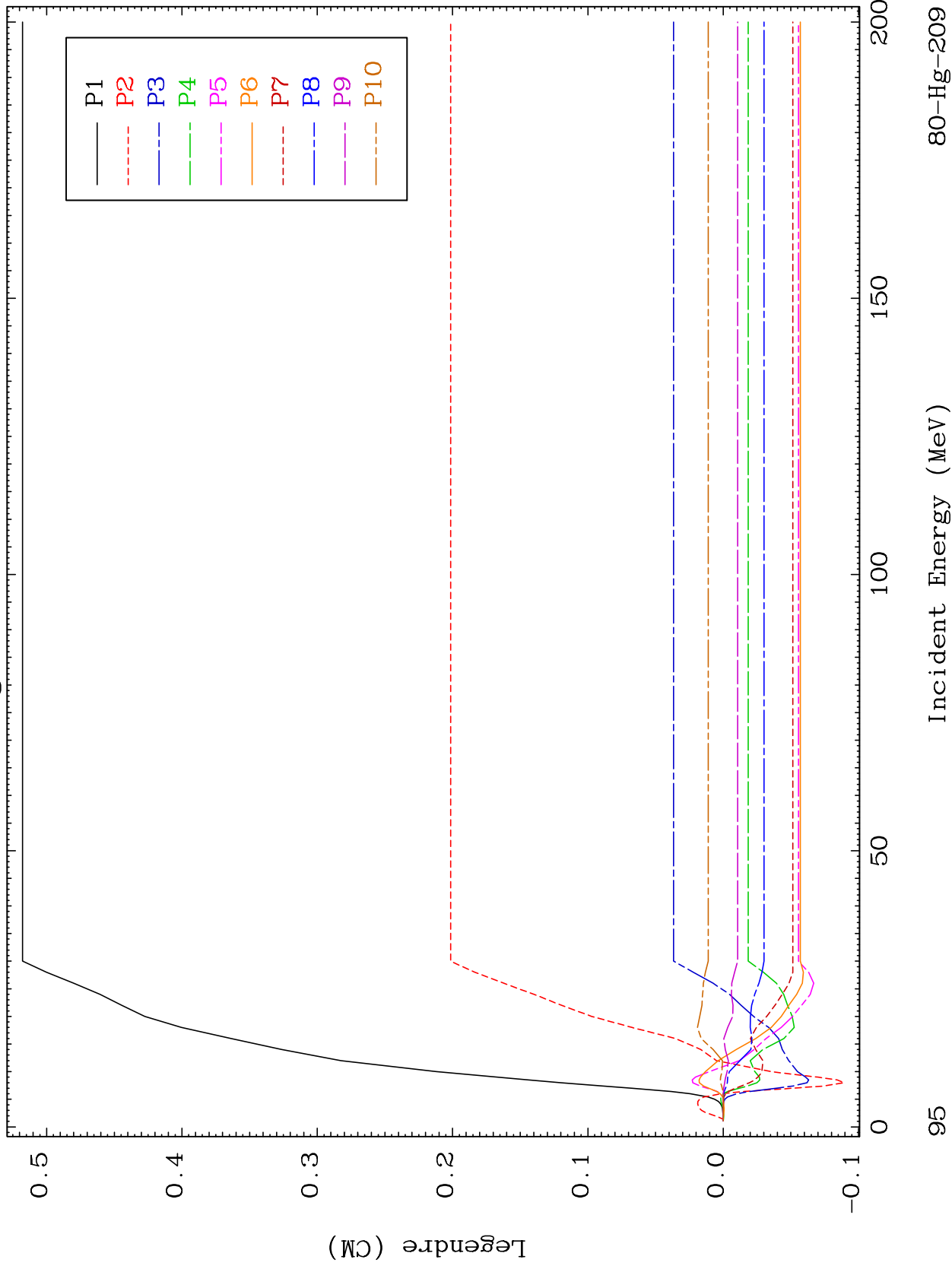
80-Hg-209



MAT 8064

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

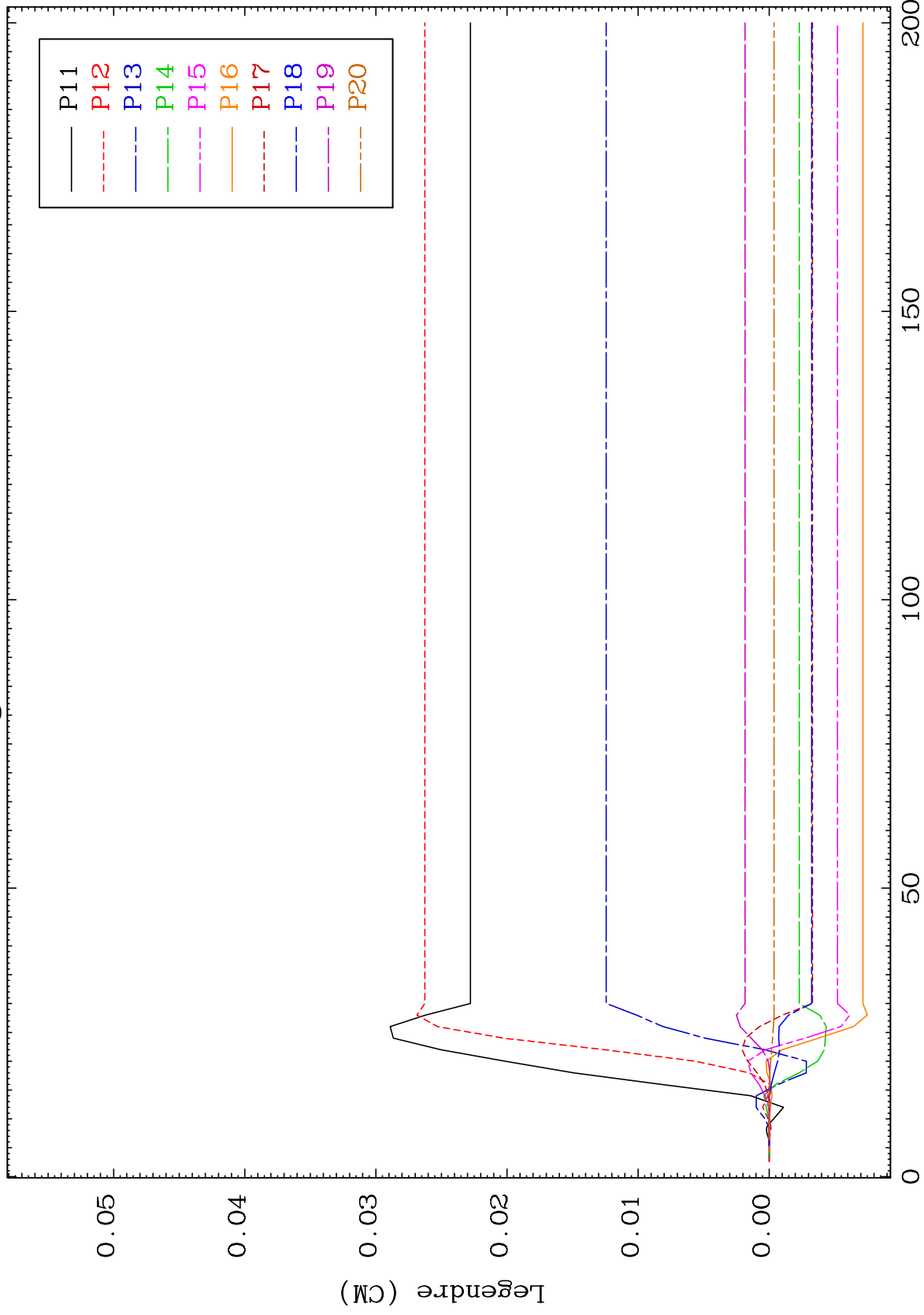
80-Hg-209



MAT 8064

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

80-Hg-209



96

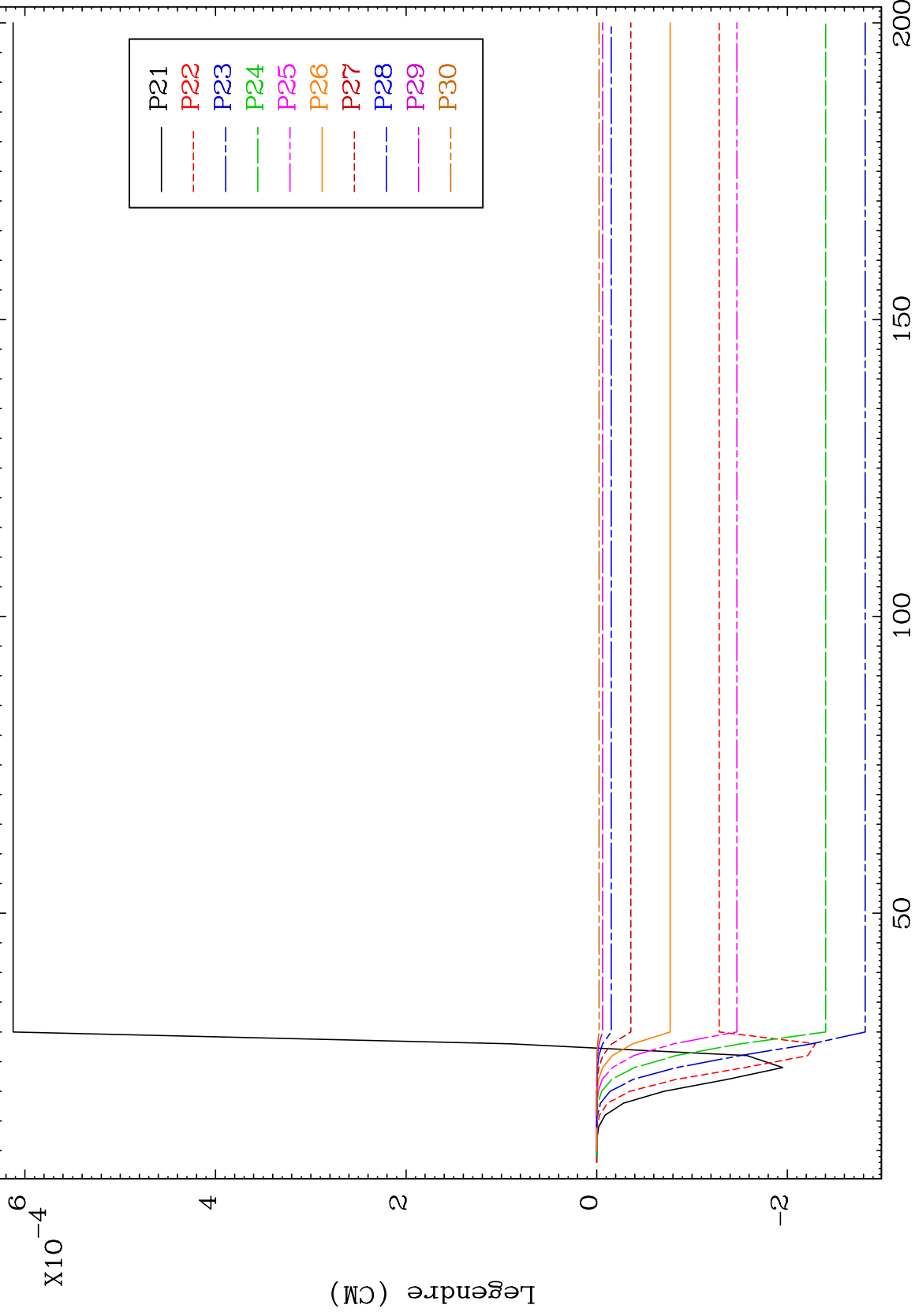
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

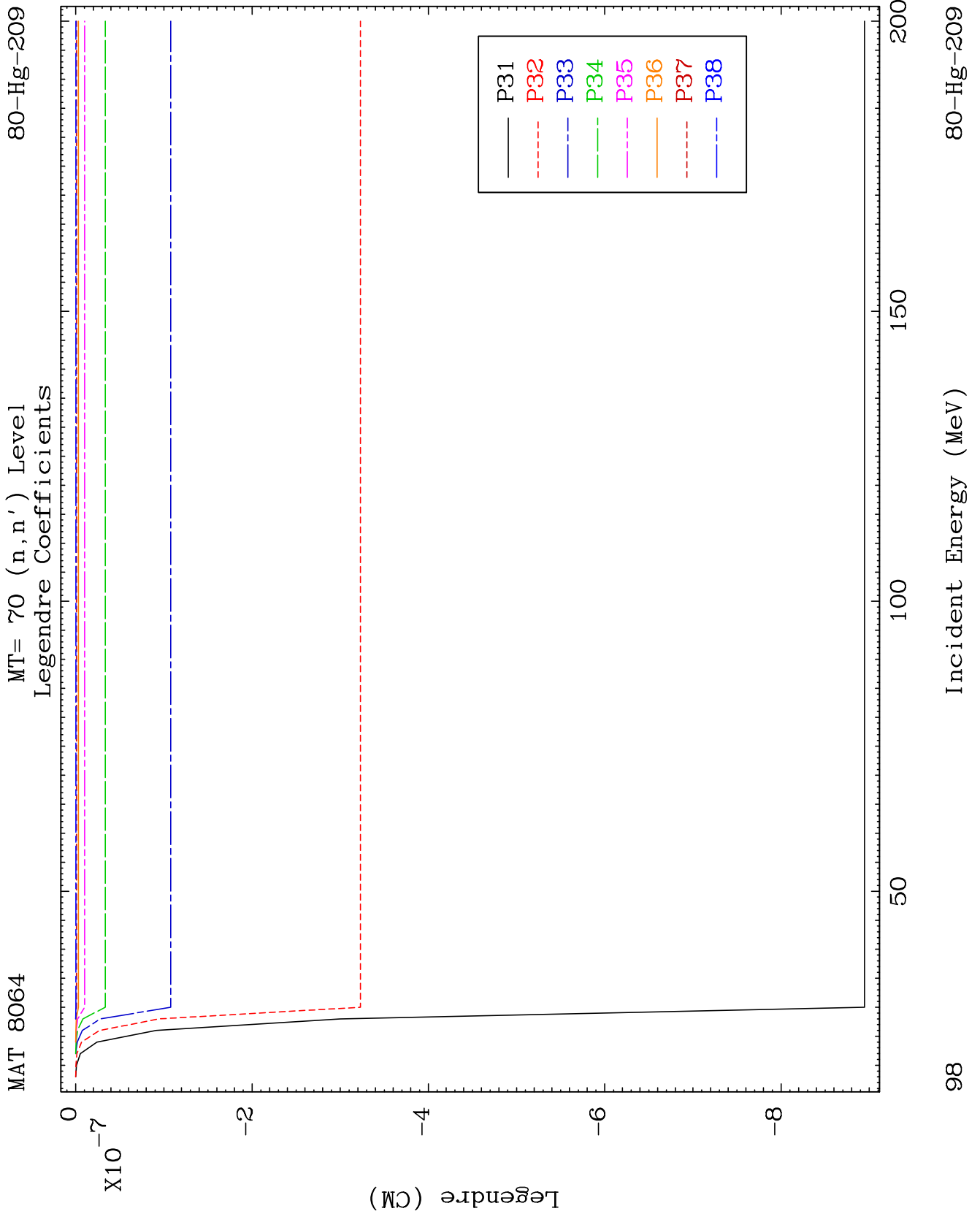
80-Hg-209



97

Incident Energy (MeV)

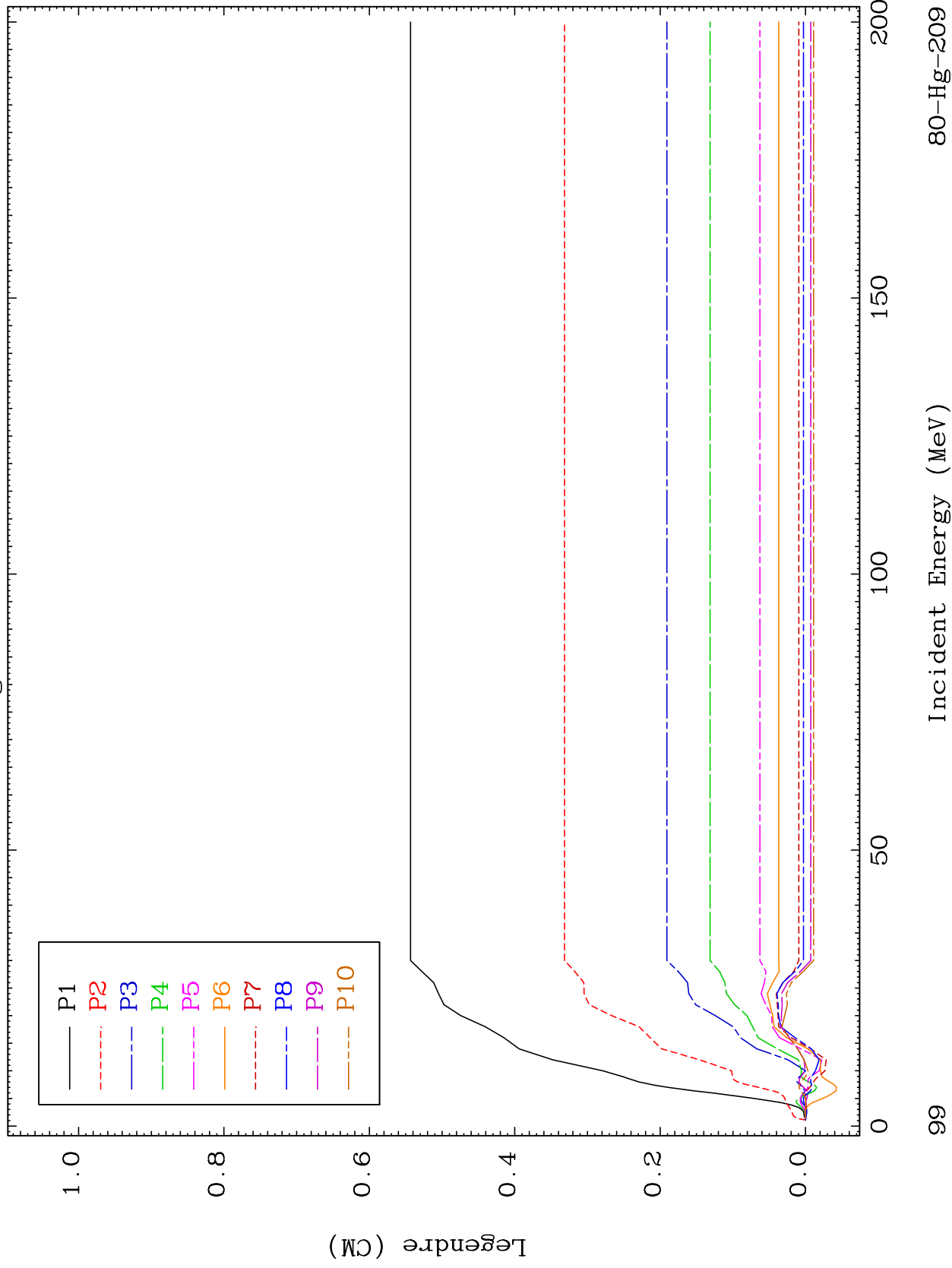
80-Hg-209



MAT 8064

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

80-Hg-209



99

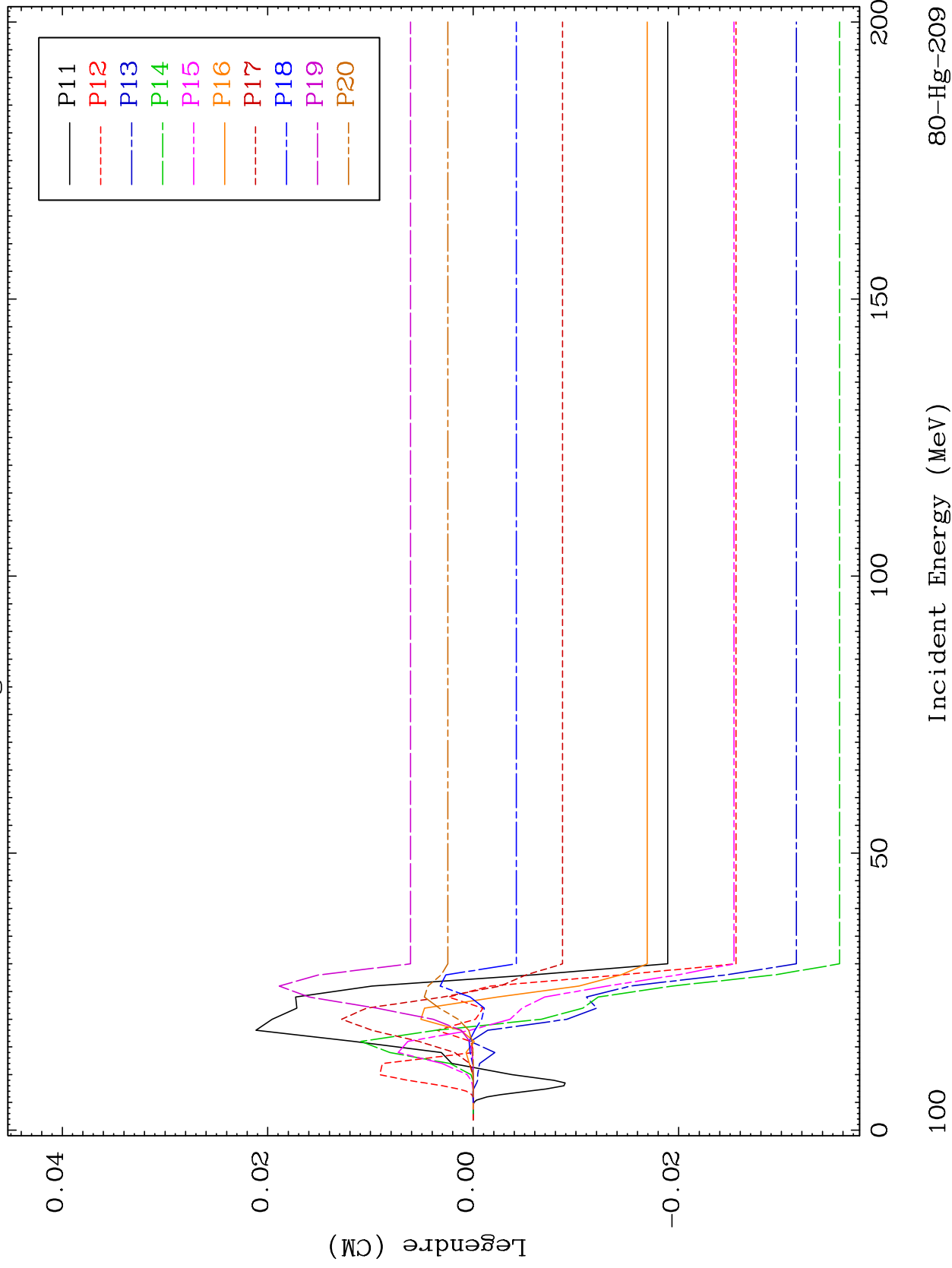
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



80-Hg-209

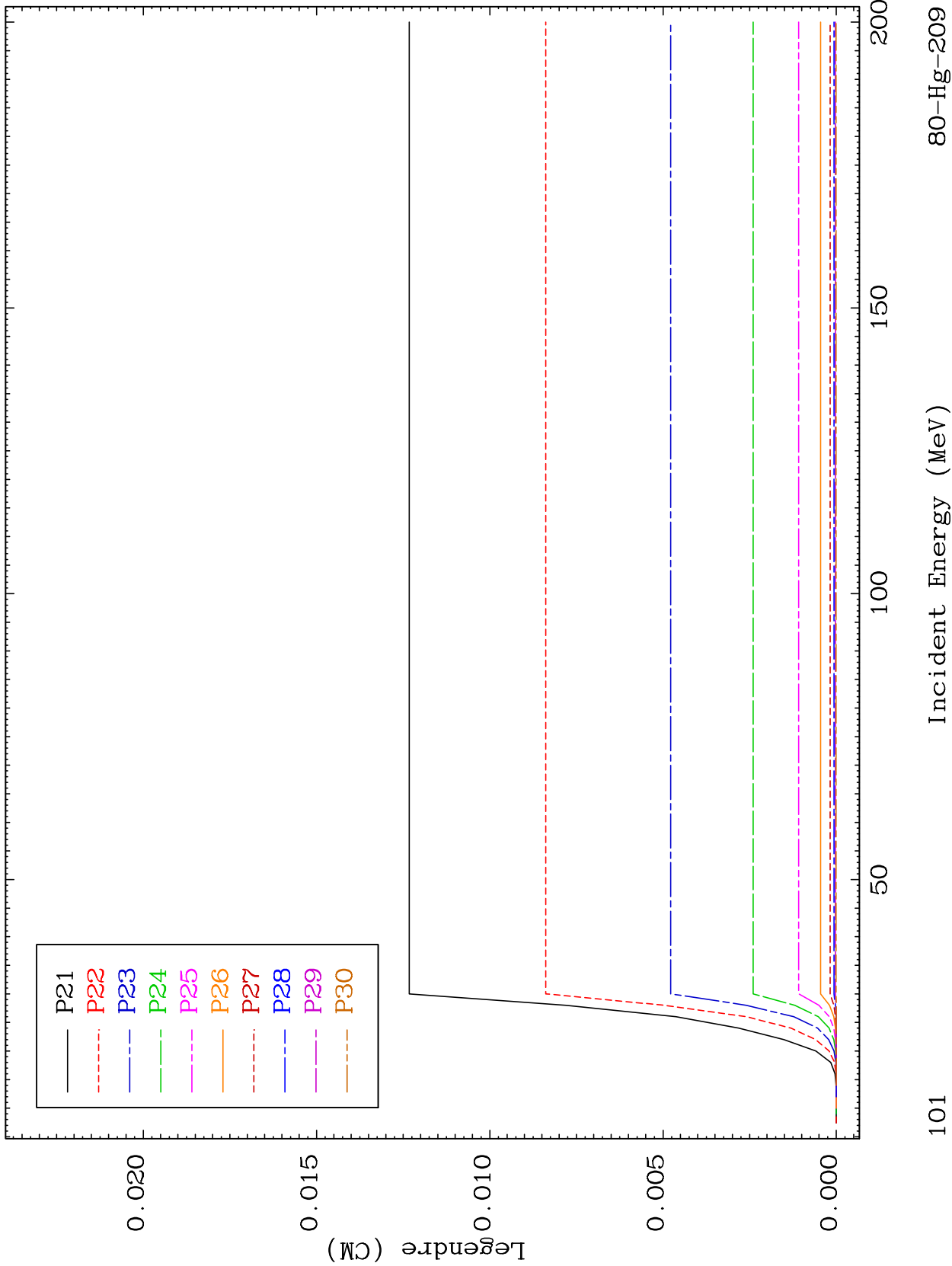
Incident Energy (MeV)

100

MAT 8064

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

80-Hg-209



101

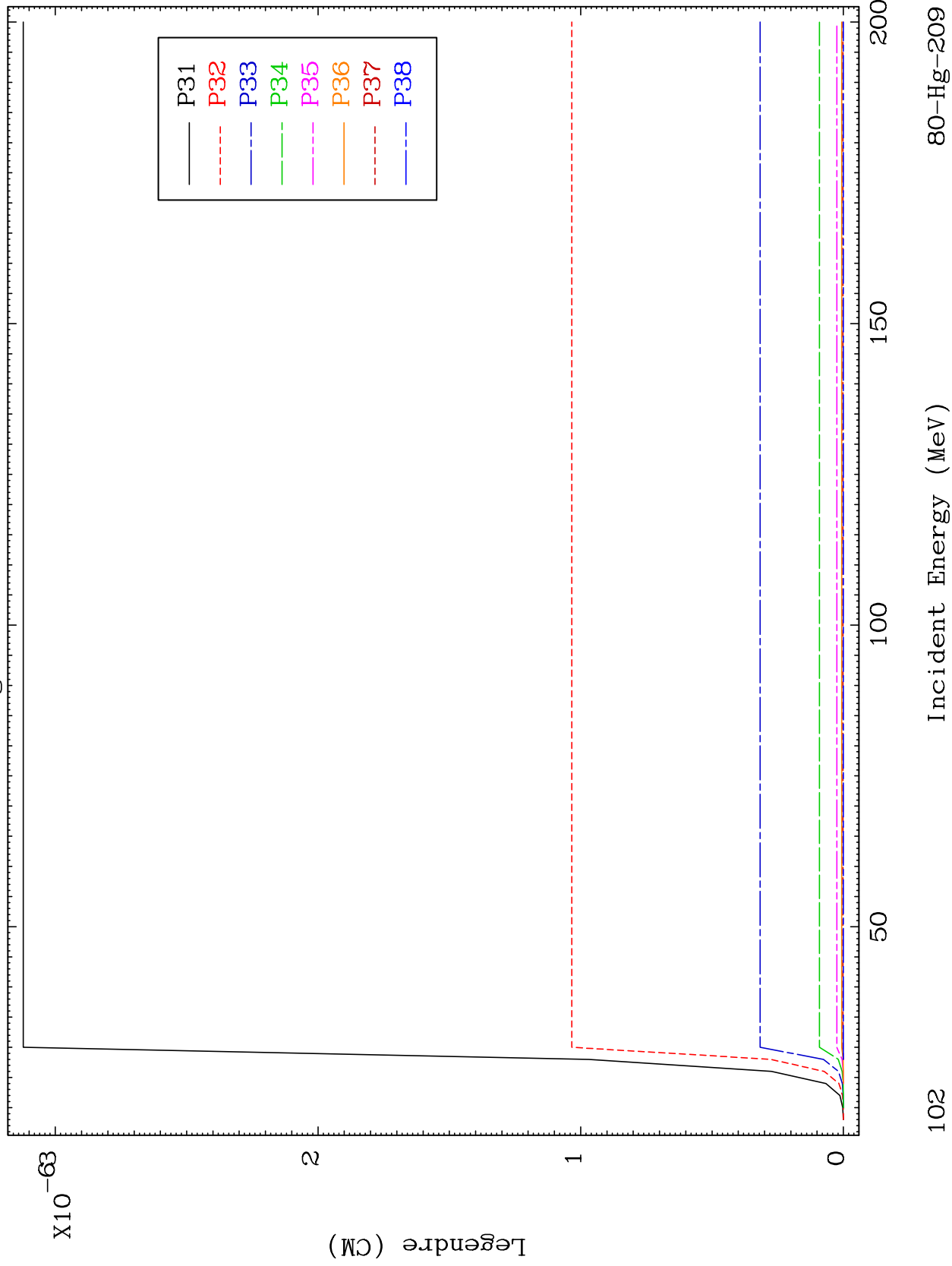
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

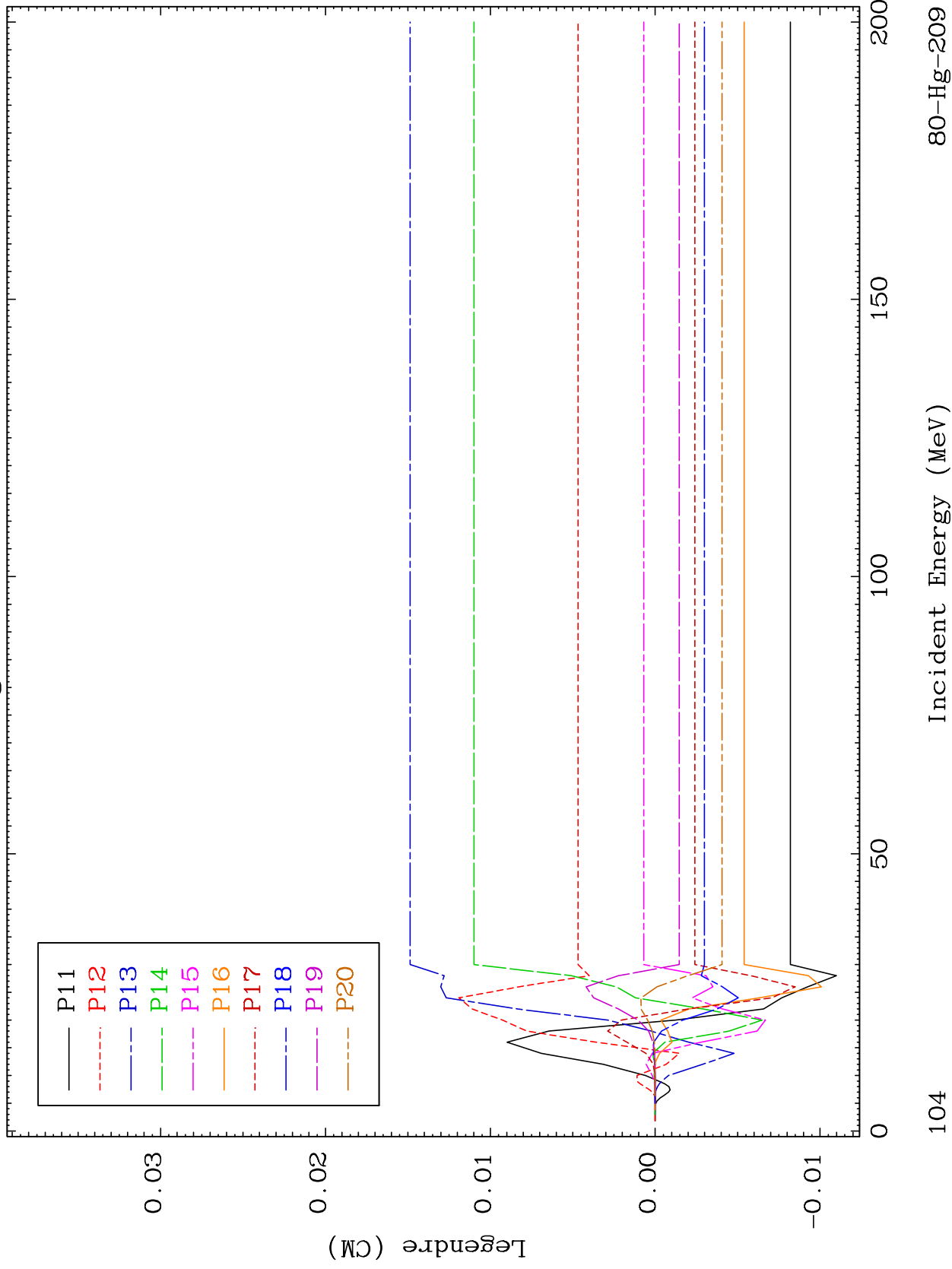
80-Hg-209



MAT 8064

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

80-Hg-209

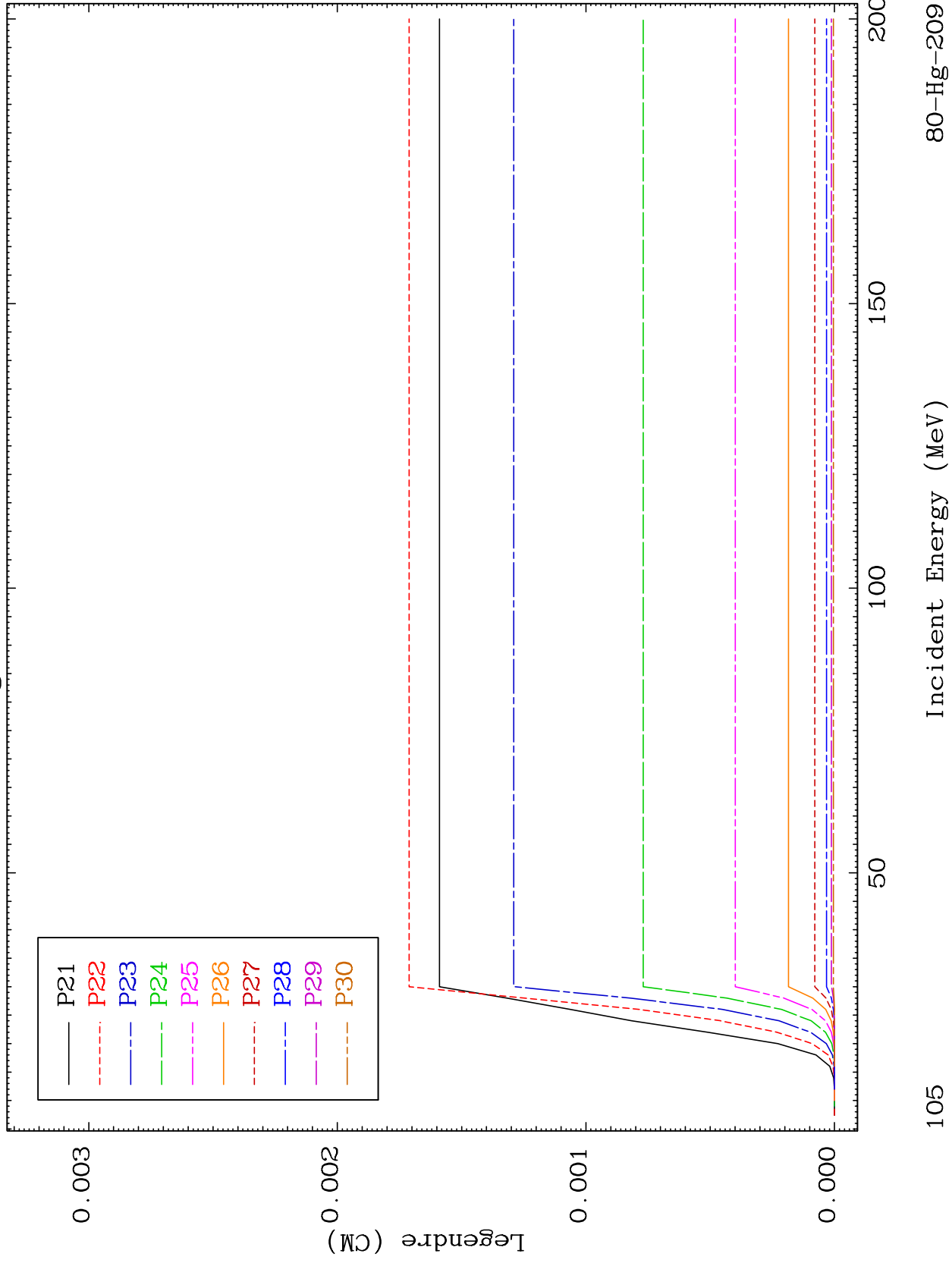


104

MAT 8064

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

80-Hg-209



105

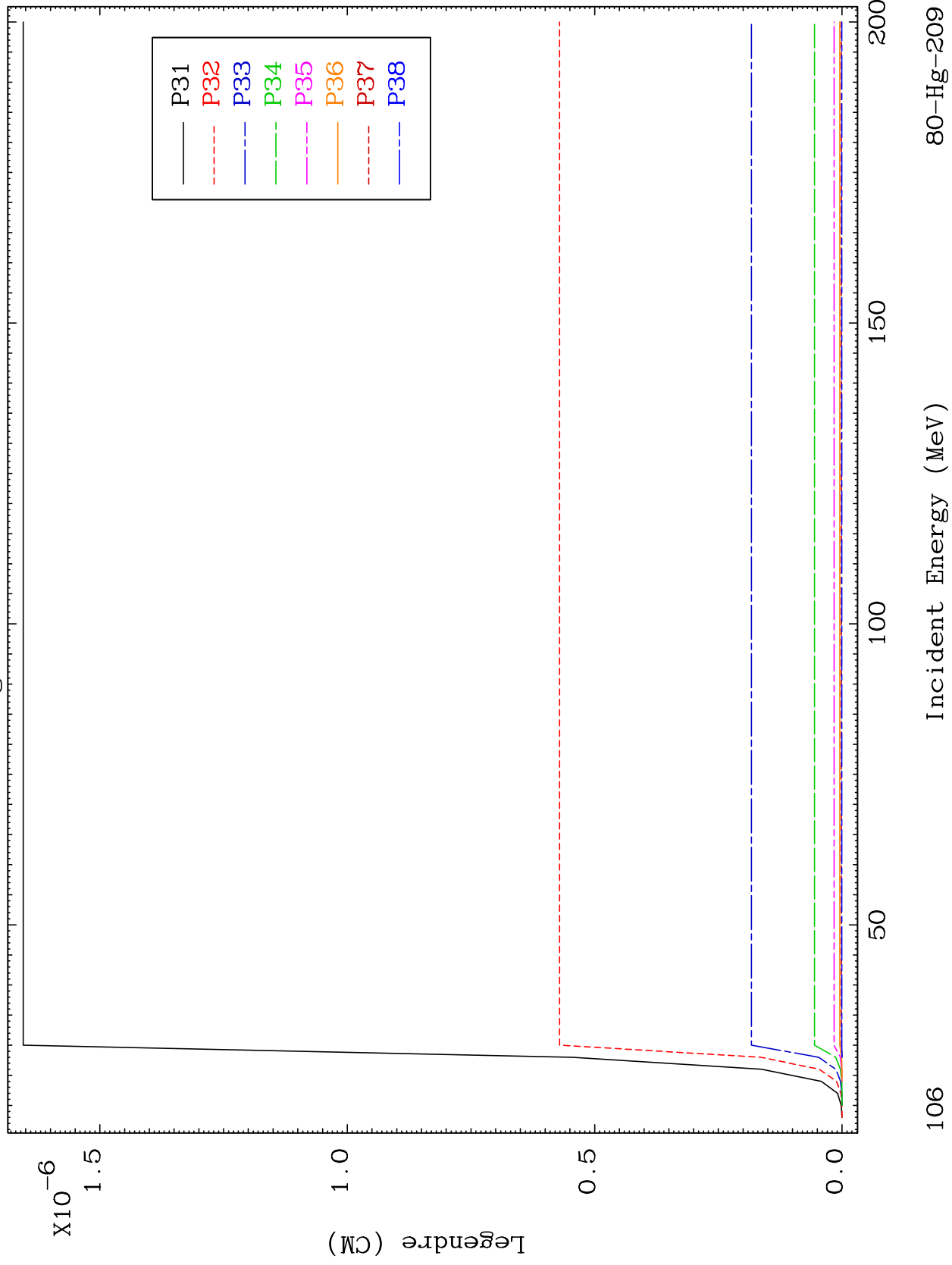
Incident Energy (MeV)

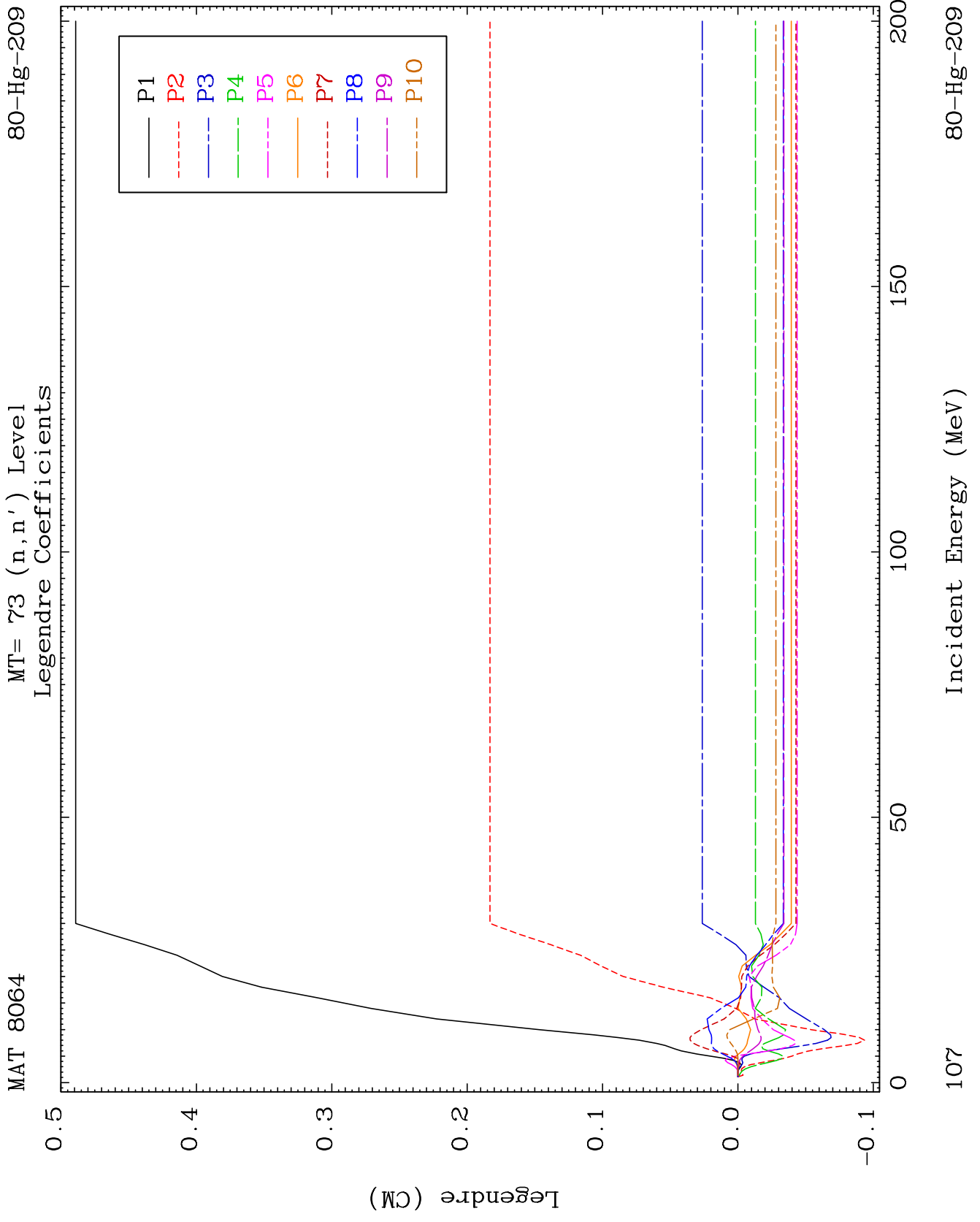
80-Hg-209

MAT 8064

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

80-Hg-209

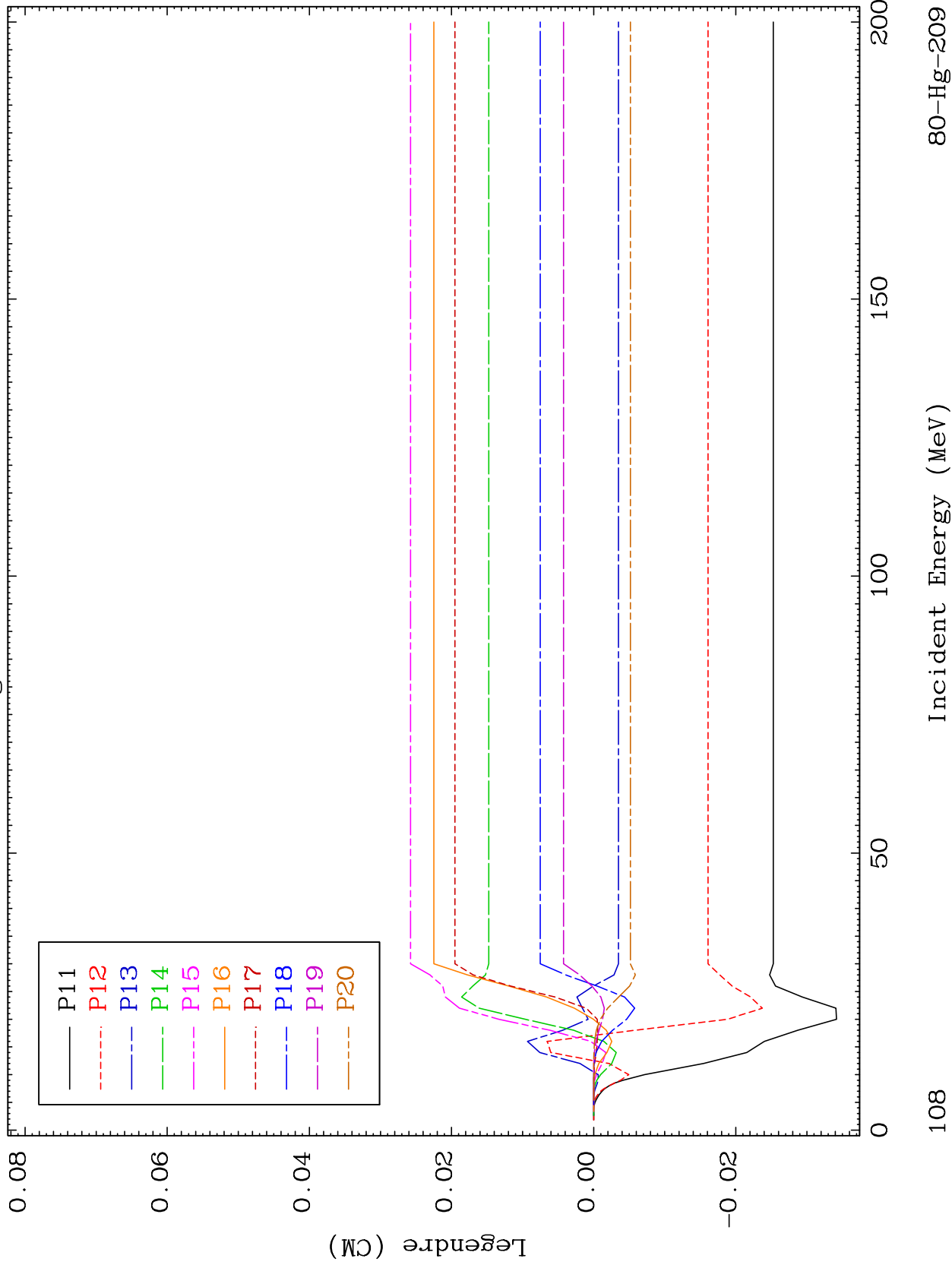




MAT 8064

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

80-Hg-209



80-Hg-209

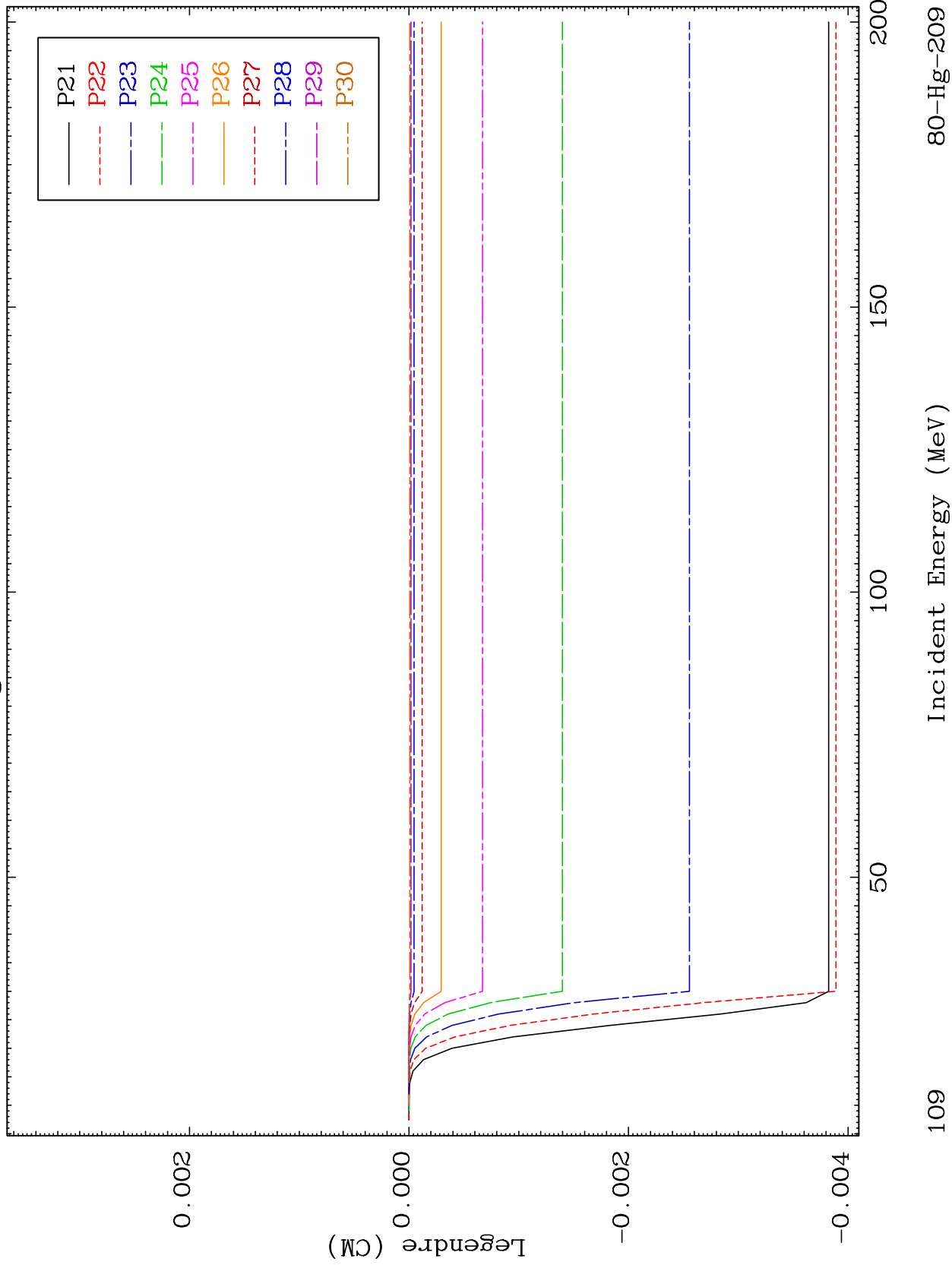
Incident Energy (MeV)

108

MAT 8064

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

80-Hg-209



109

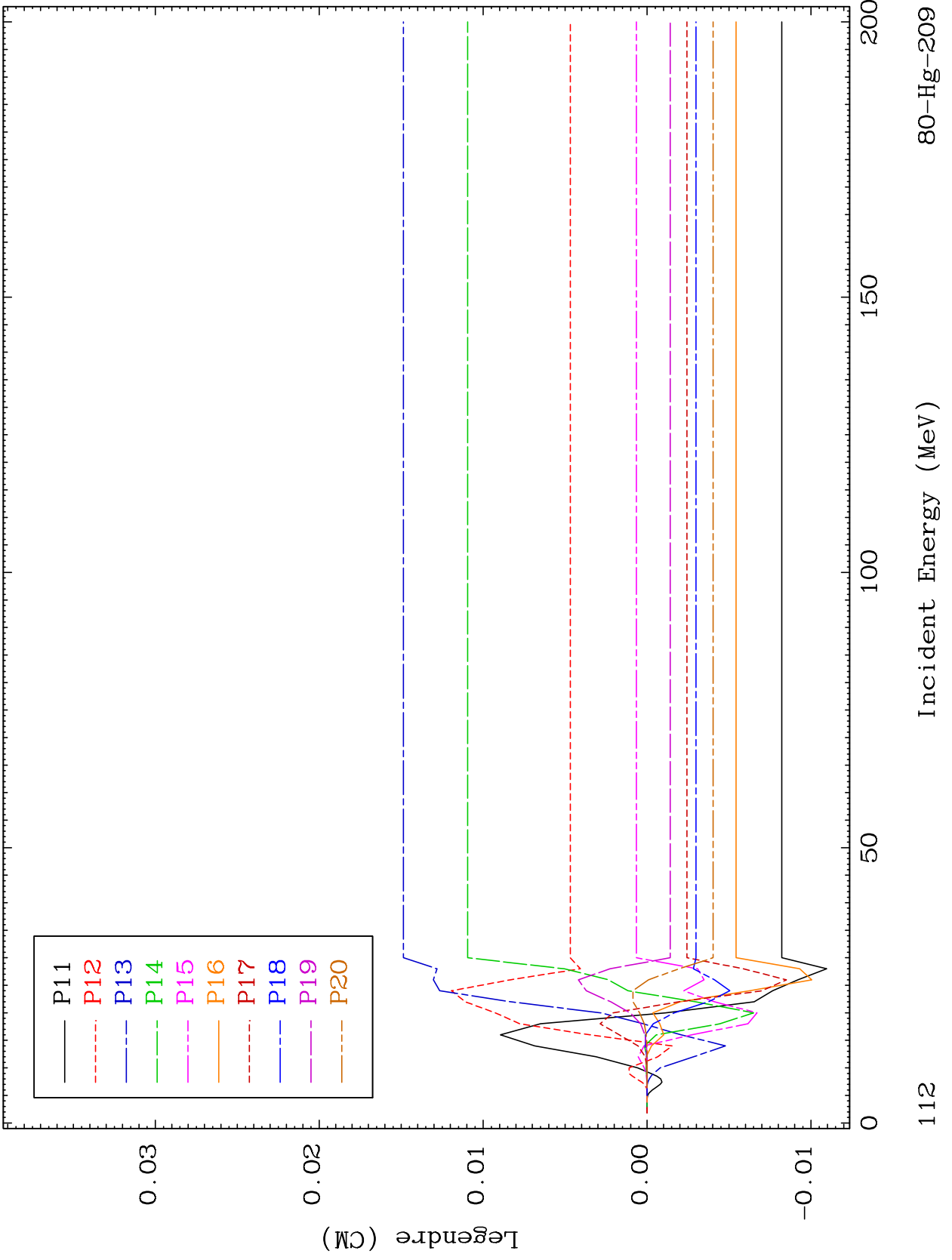
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

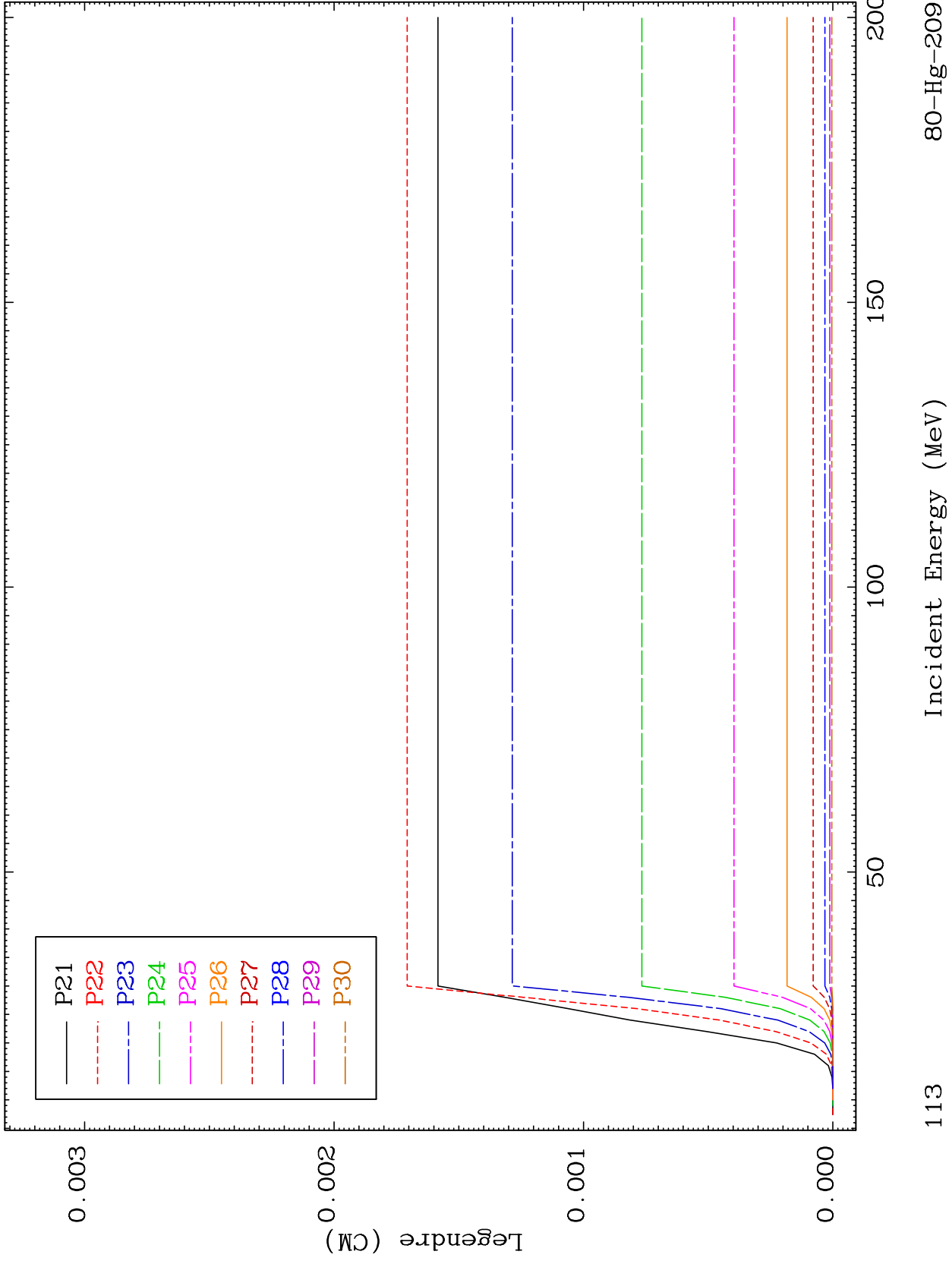
80-Hg-209



MAT 8064

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

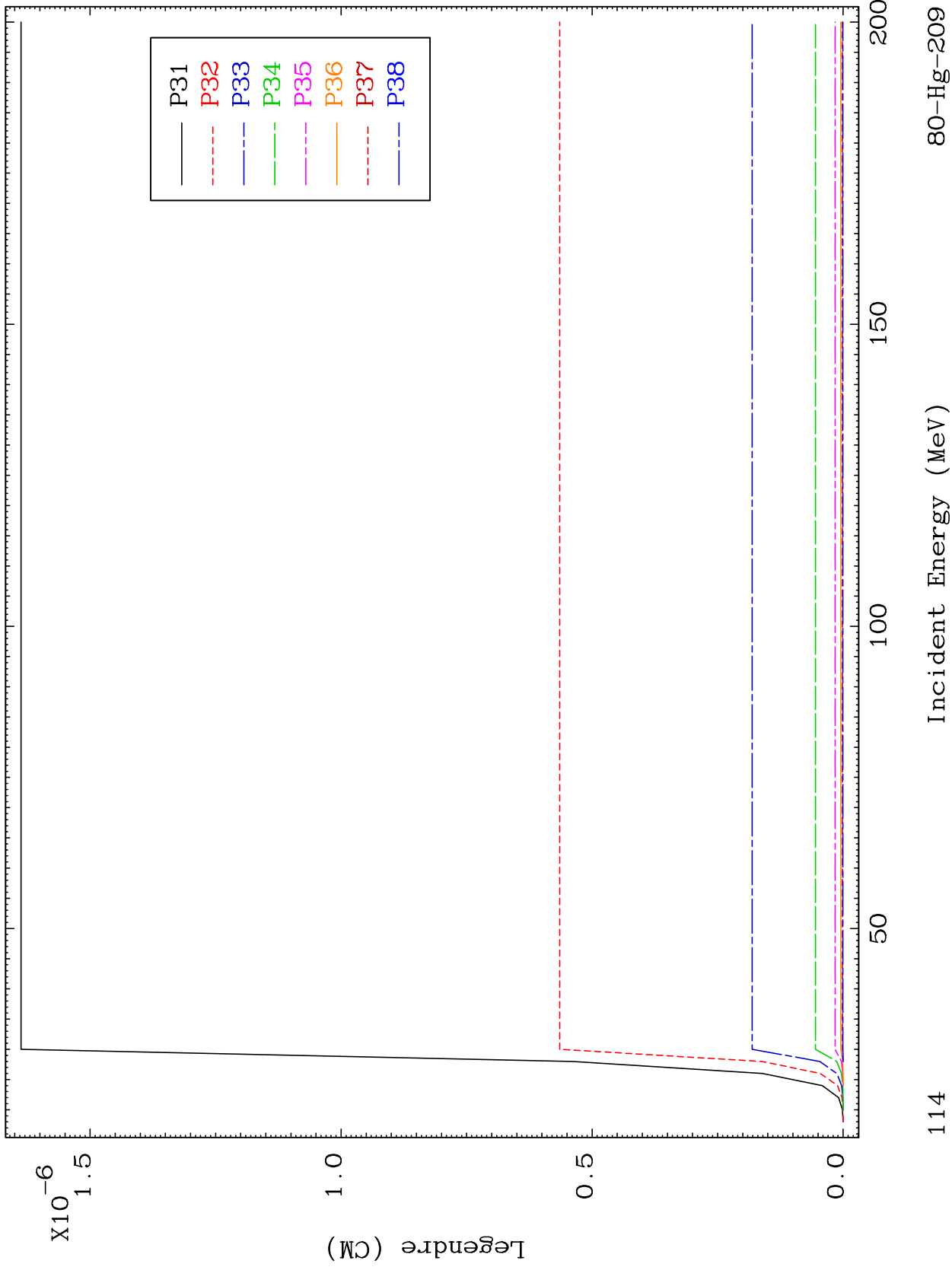
80-Hg-209



MAT 8064

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

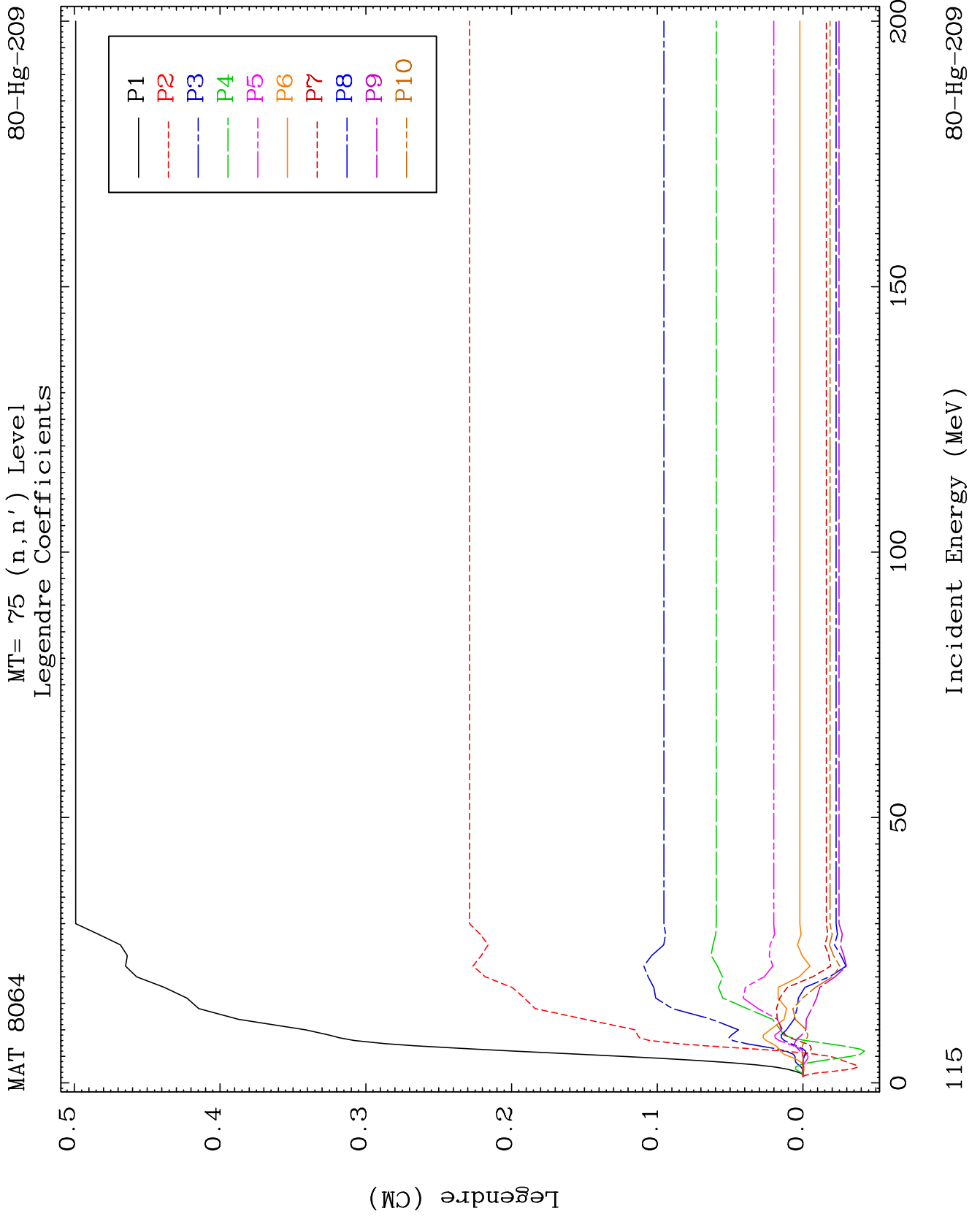
80-Hg-209



114

Incident Energy (MeV)

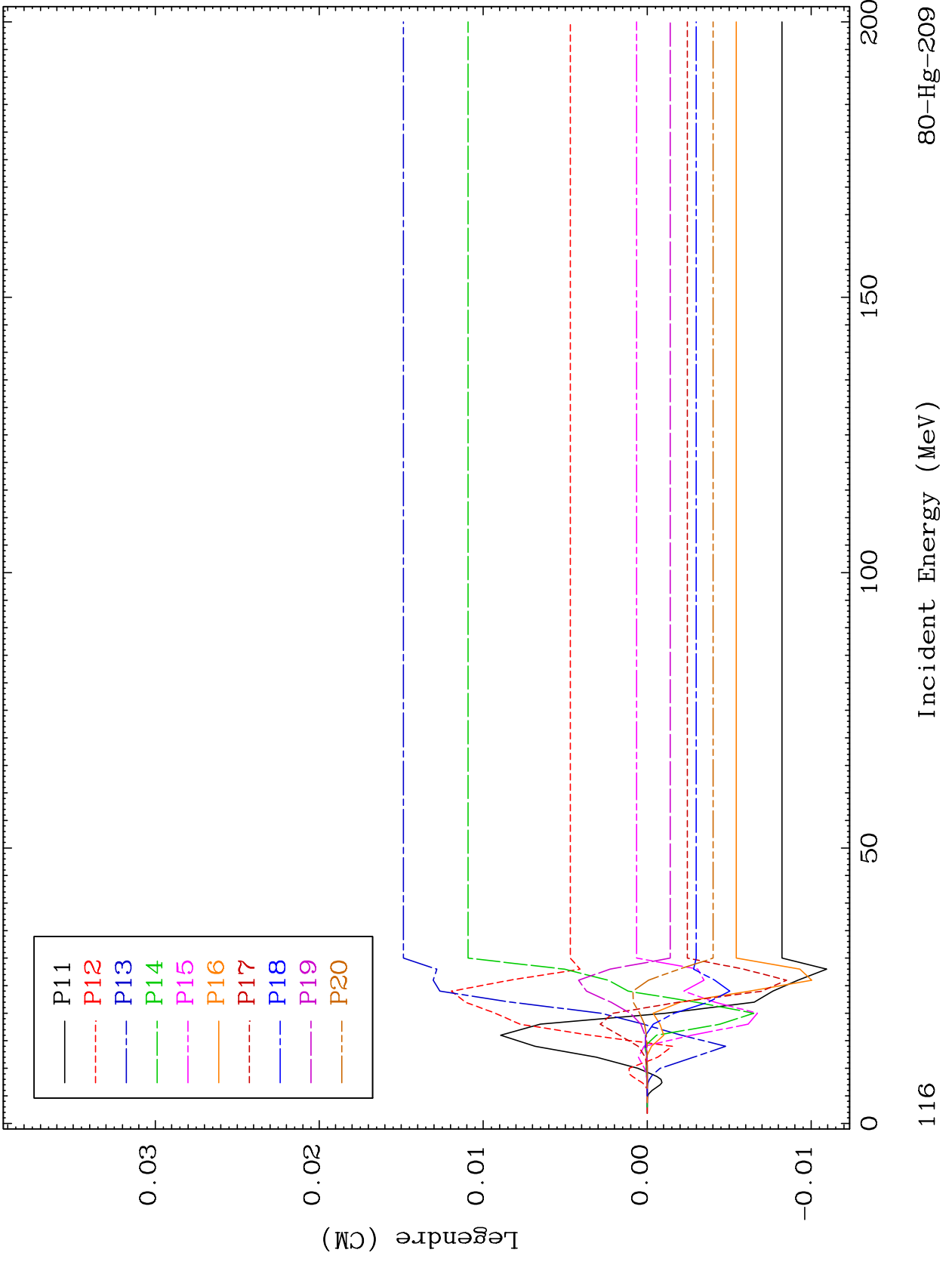
80-Hg-209



MAT 8064

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

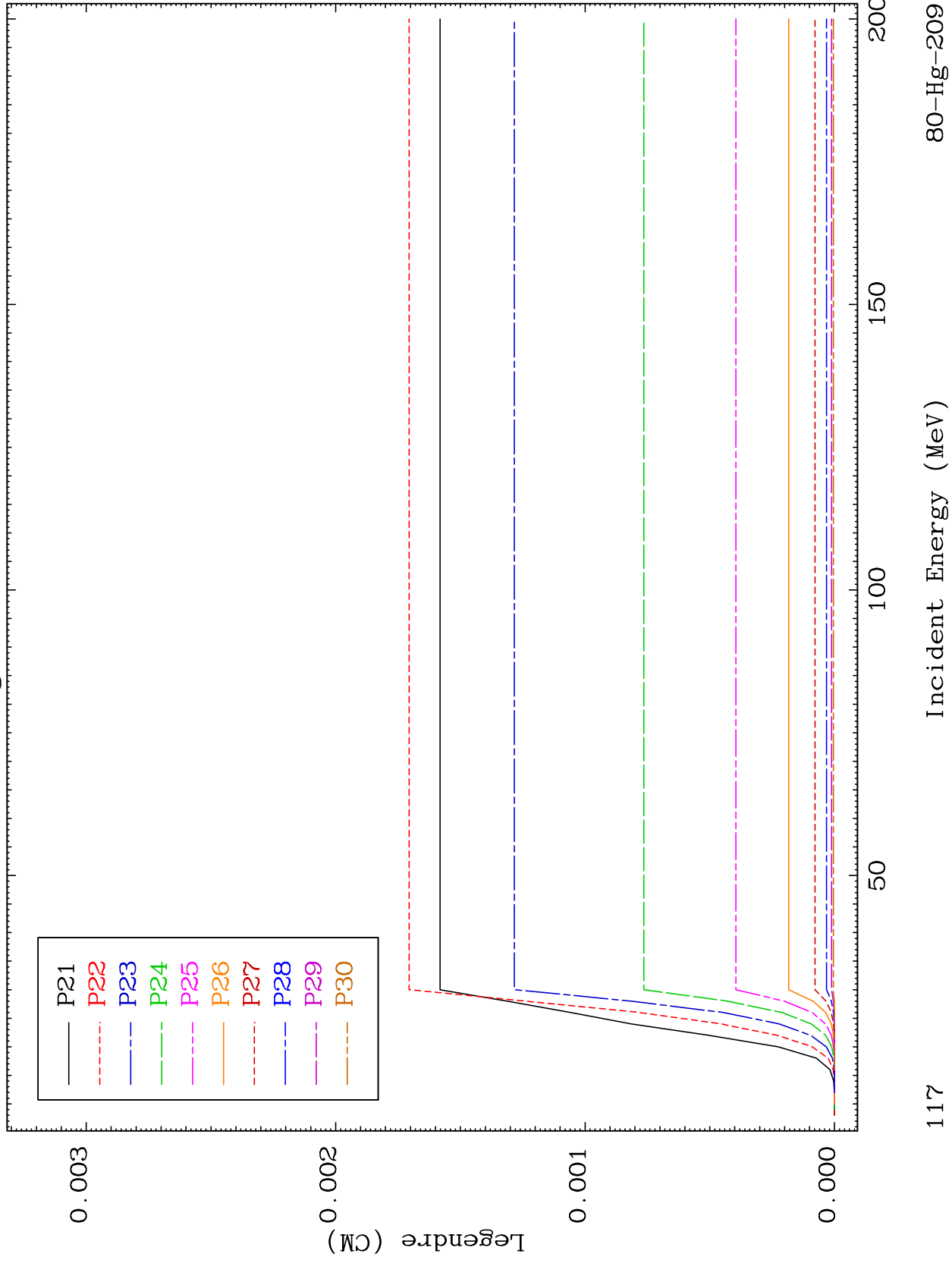
80-Hg-209



MAT 8064

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

80-Hg-209



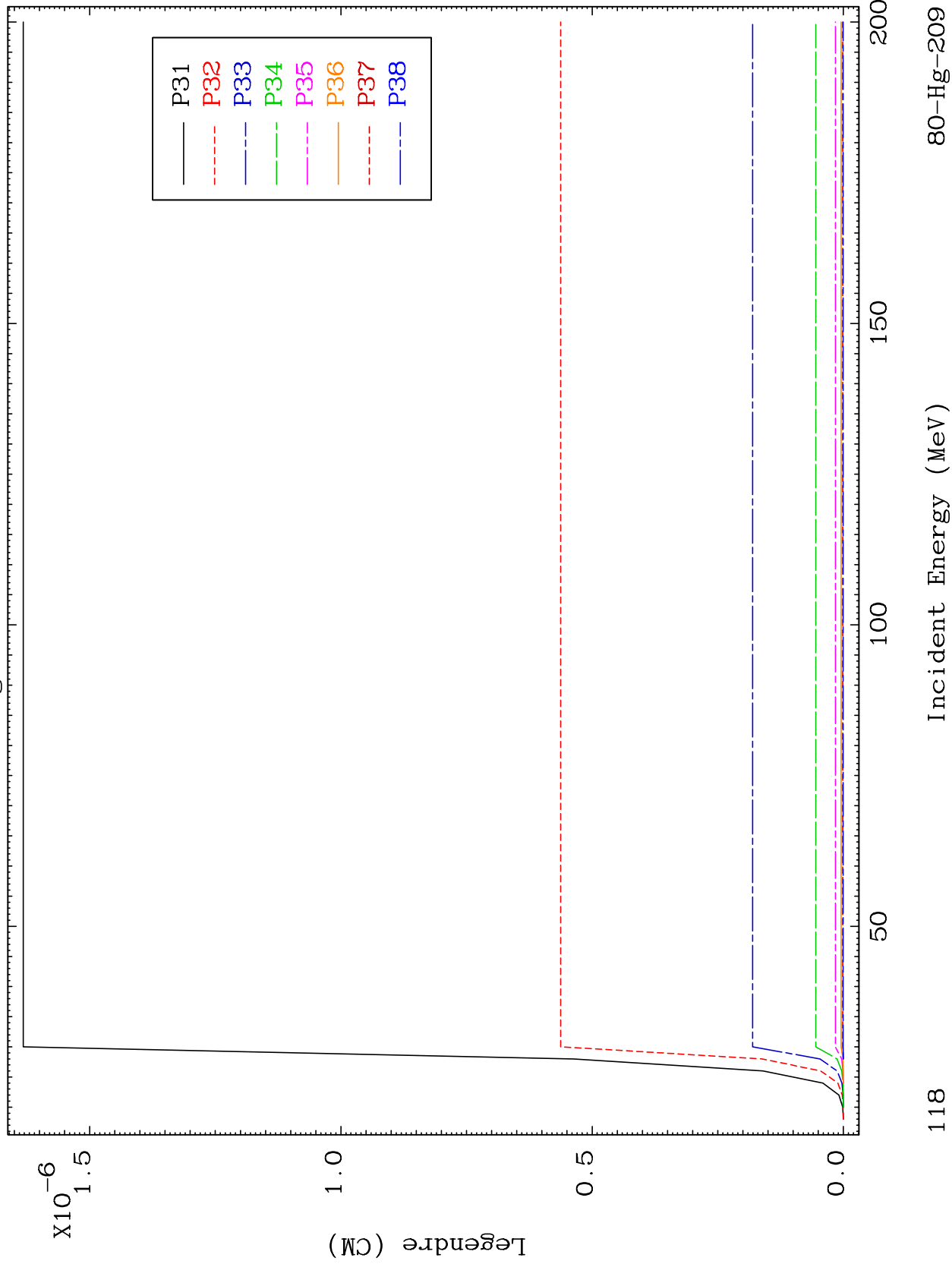
117

80-Hg-209

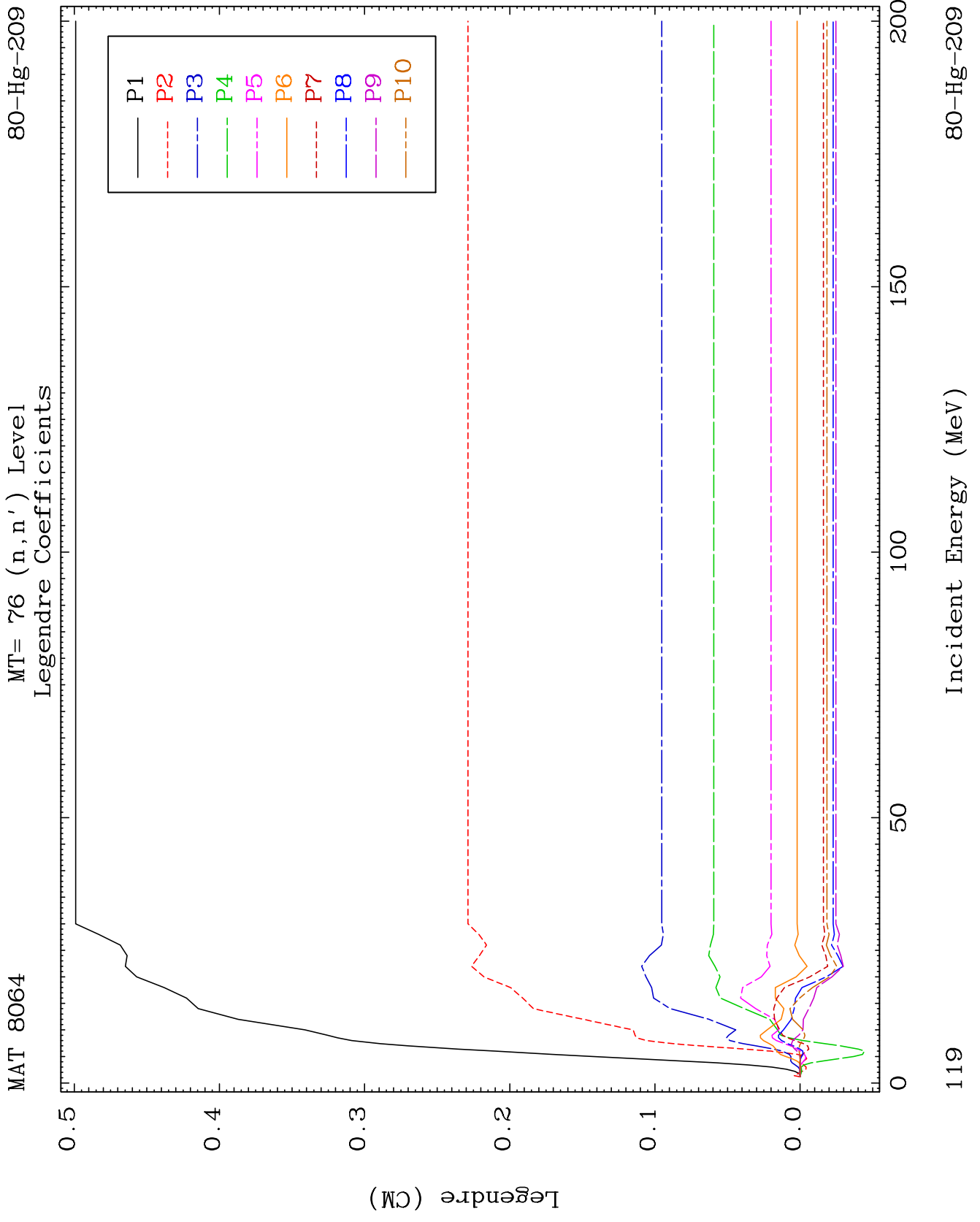
MAT 8064

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

80-Hg-209



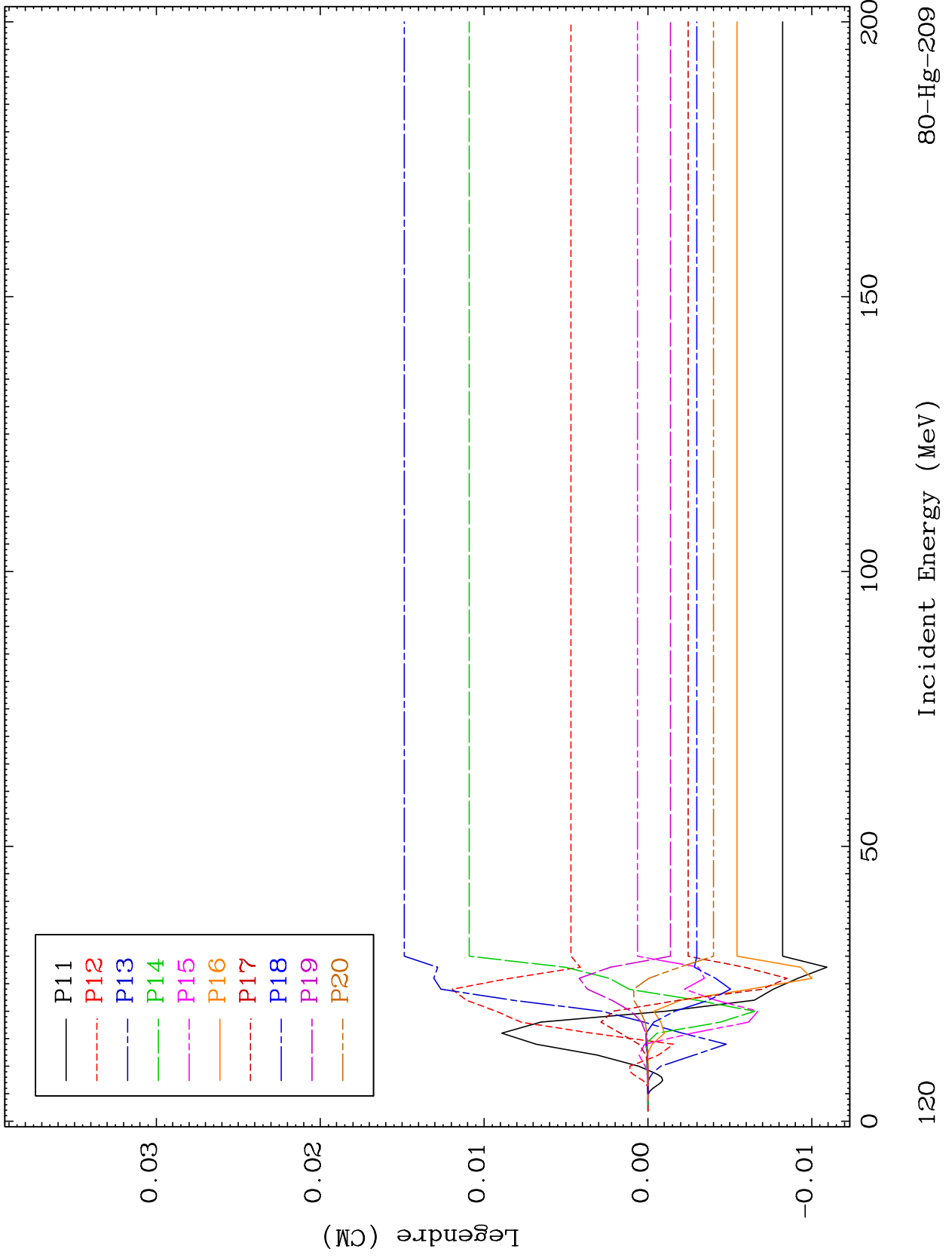
118



MAT 8064

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

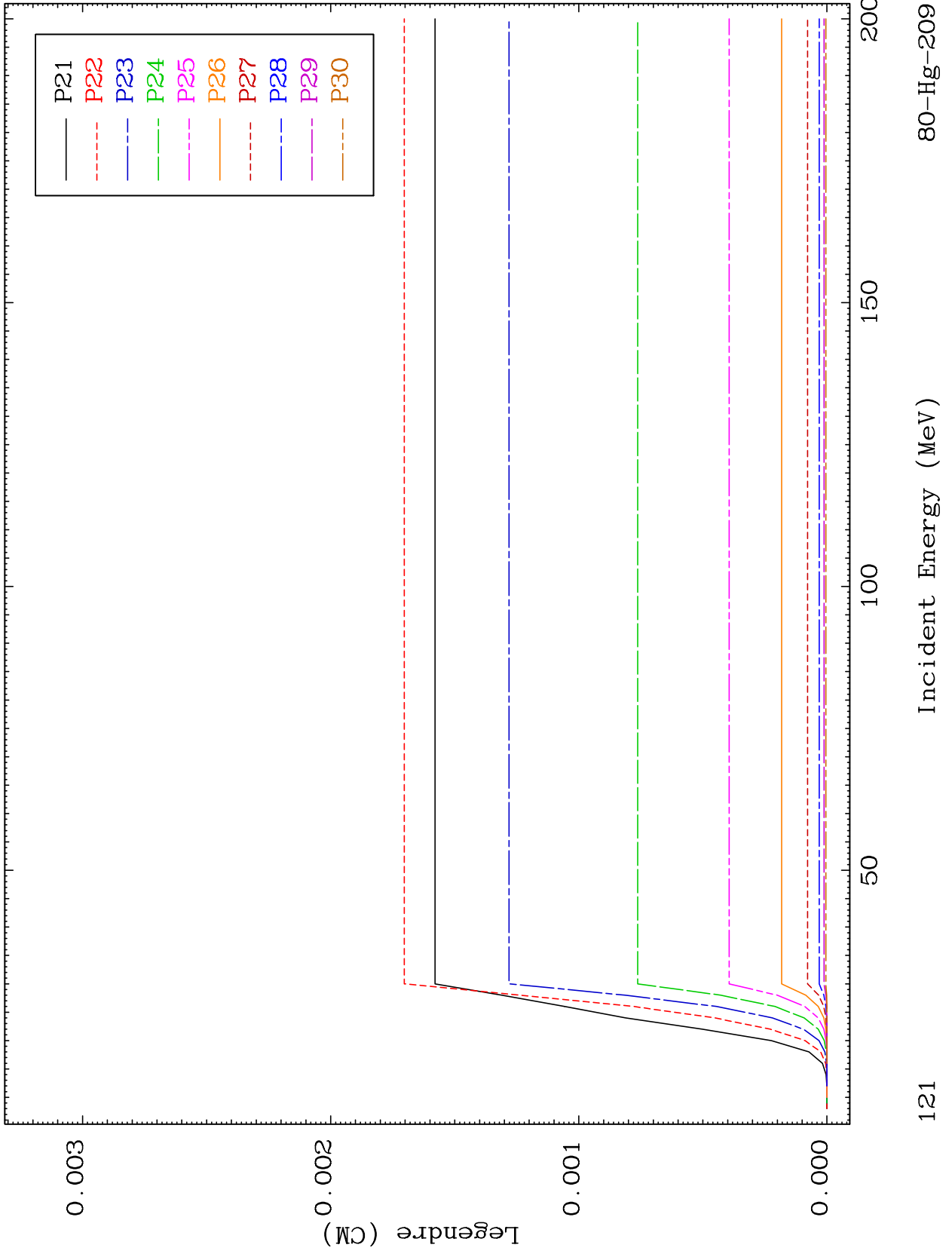
80-Hg-209



MAT 8064

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

80-Hg-209



121

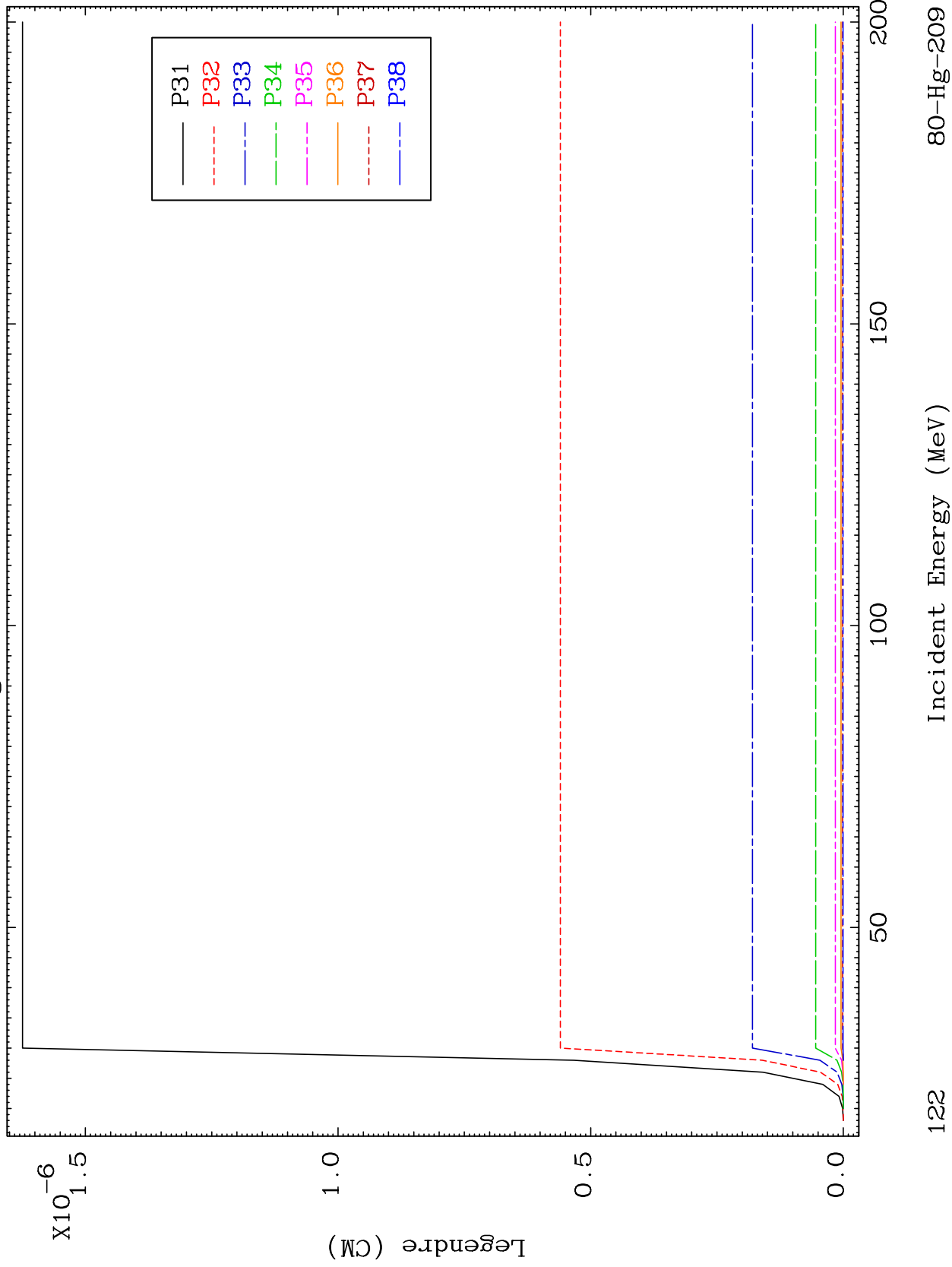
Incident Energy (MeV)

80-Hg-209

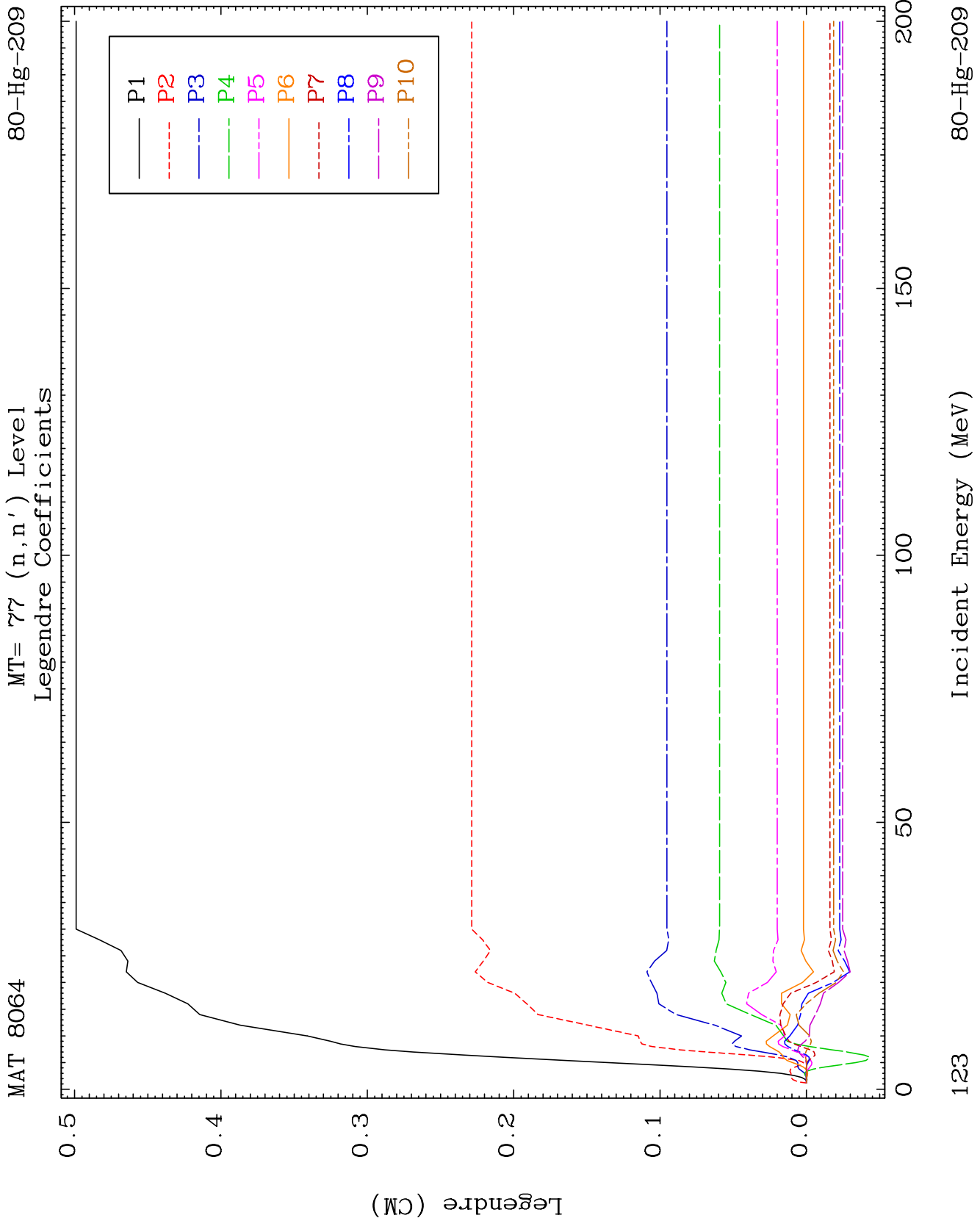
MAT 8064

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

80-Hg-209



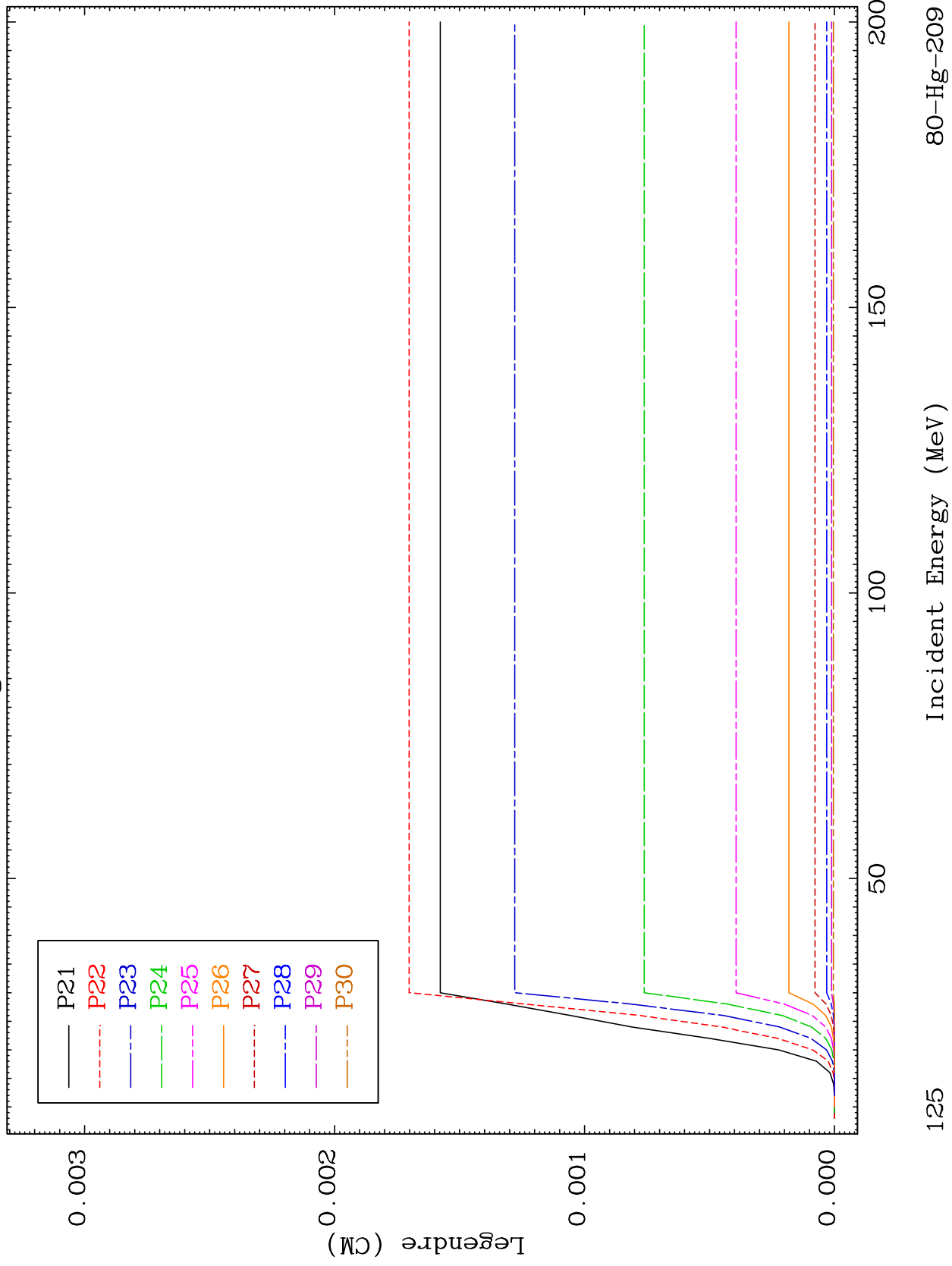
122



MAT 8064

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

80-Hg-209



80-Hg-209

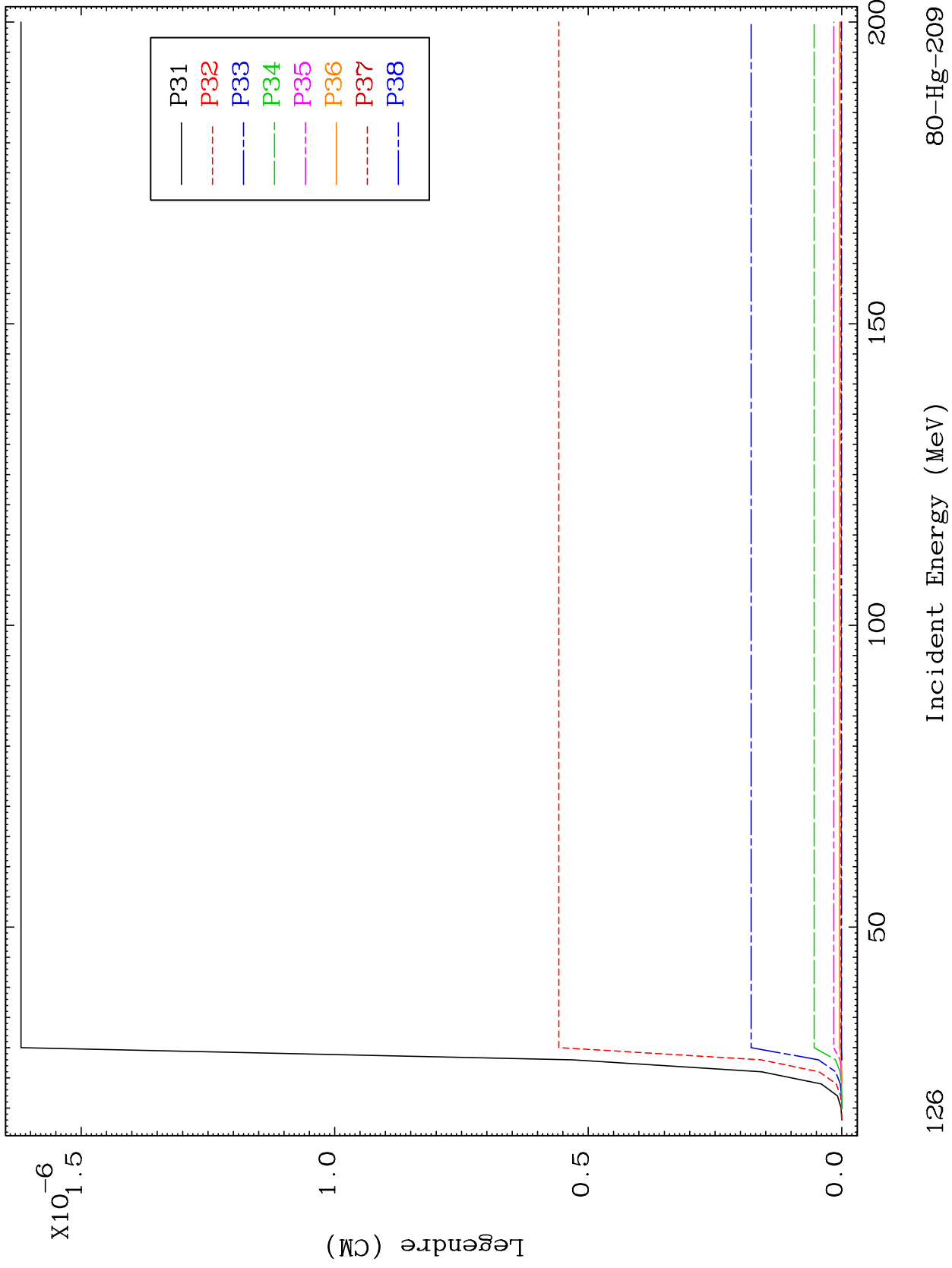
Incident Energy (MeV)

125

MAT 8064

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

80-Hg-209

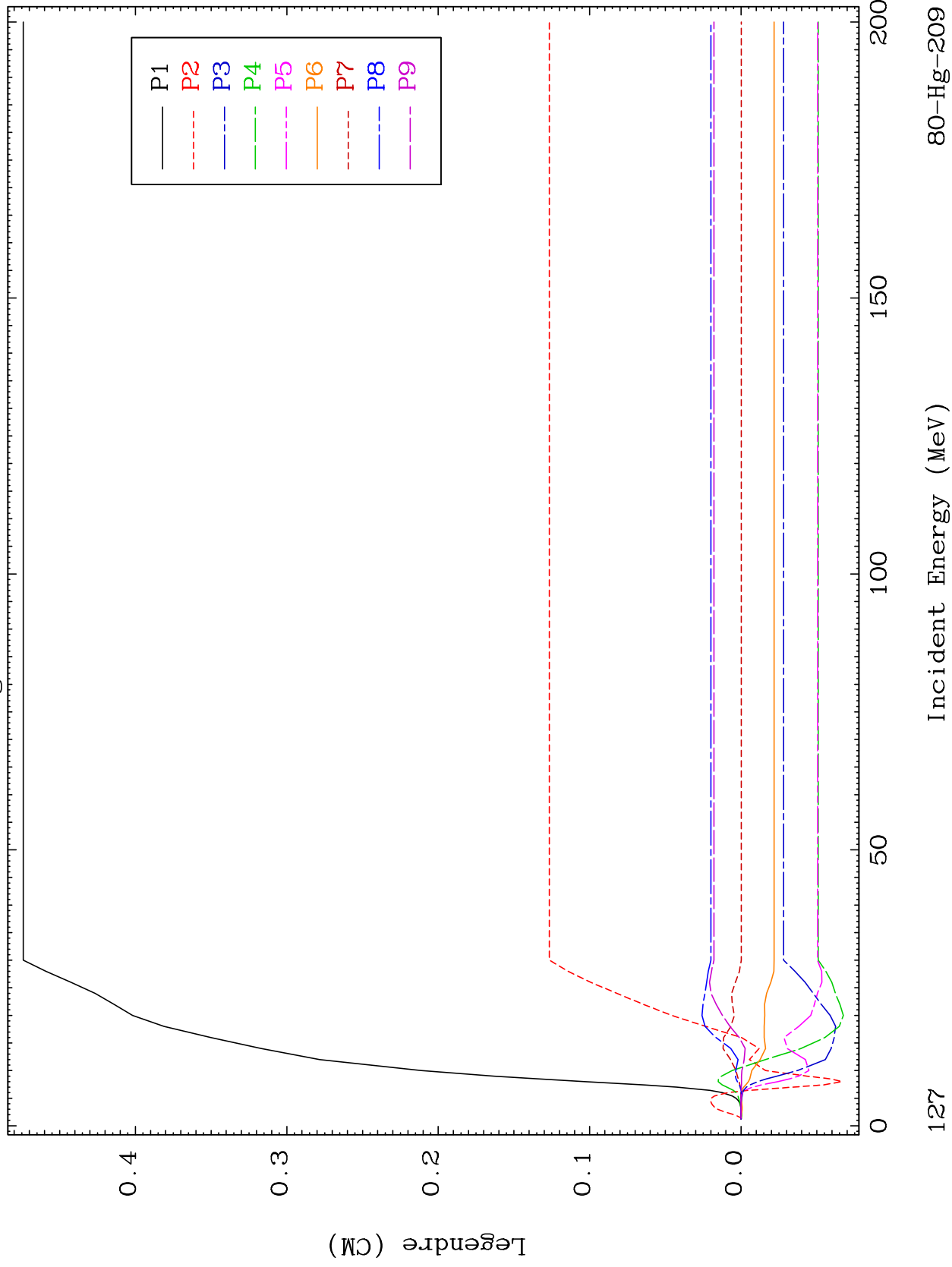


126

MAT 8064

MT= 78 (n,n') Level
Legendre Coefficients

80-Hg-209



80-Hg-209

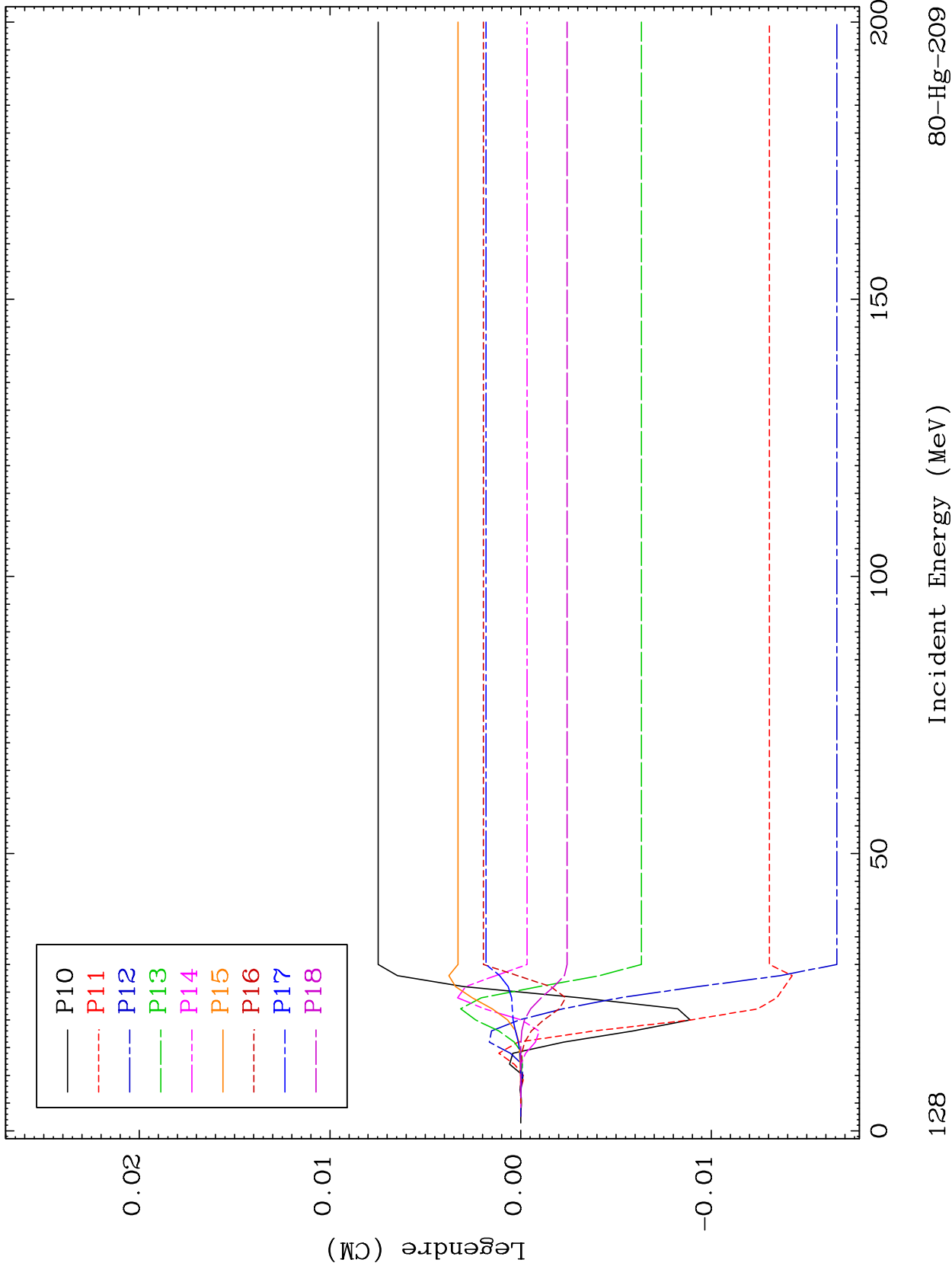
Incident Energy (MeV)

127

MAT 8064

MT= 78 (n,n') Level
Legendre Coefficients

80-Hg-209



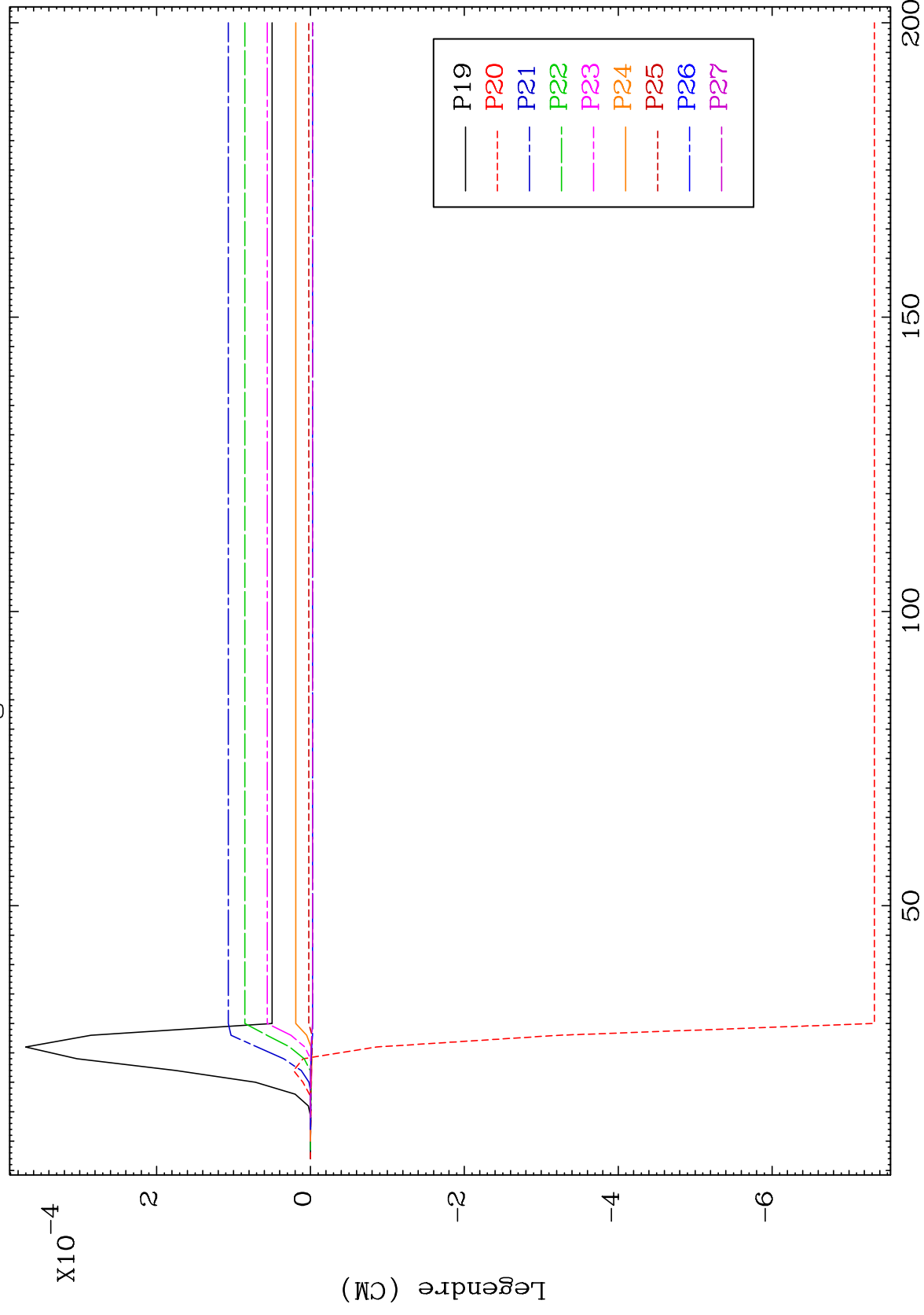
128

80-Hg-209

MAT 8064

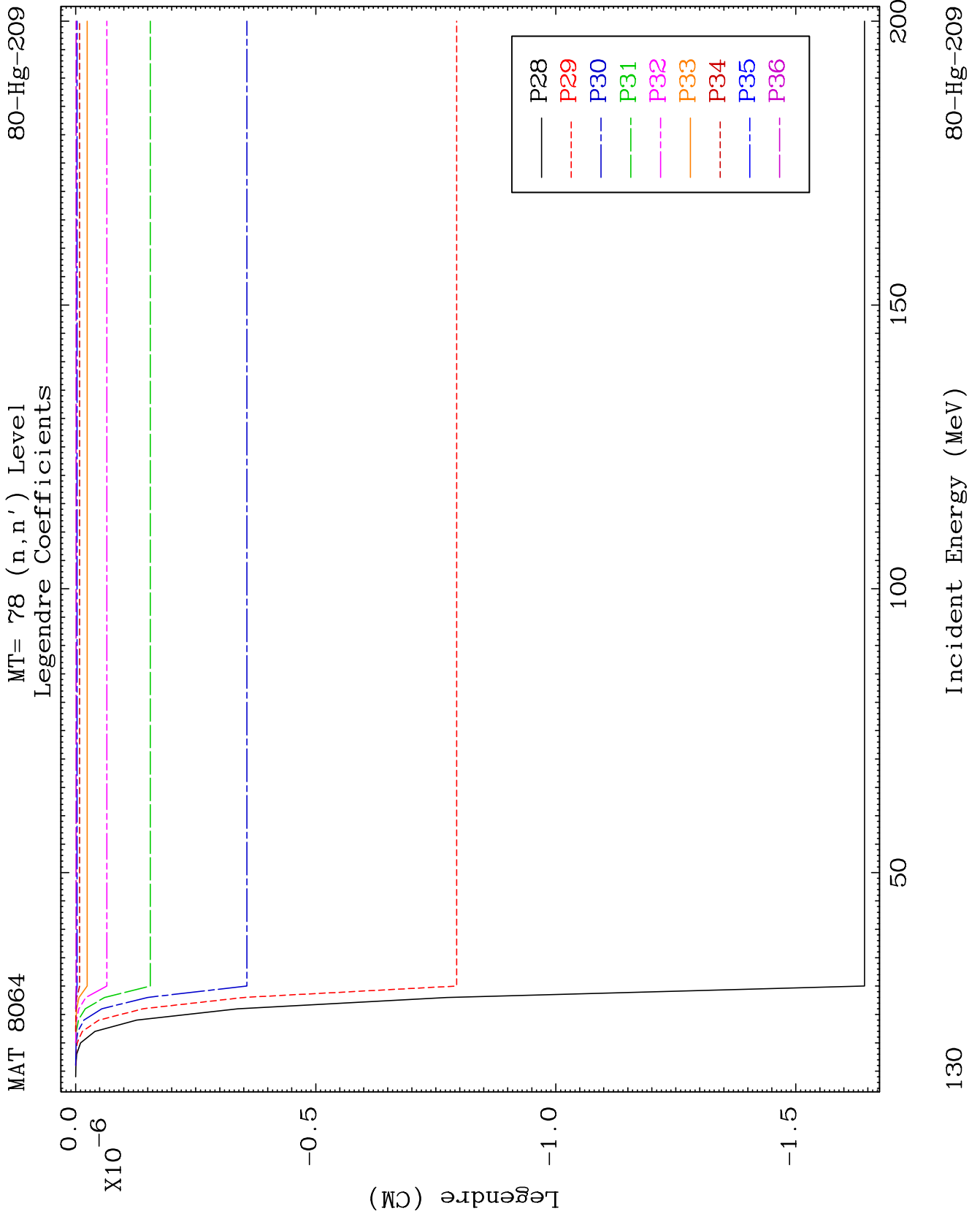
MT= 78 (n,n') Level
Legendre Coefficients

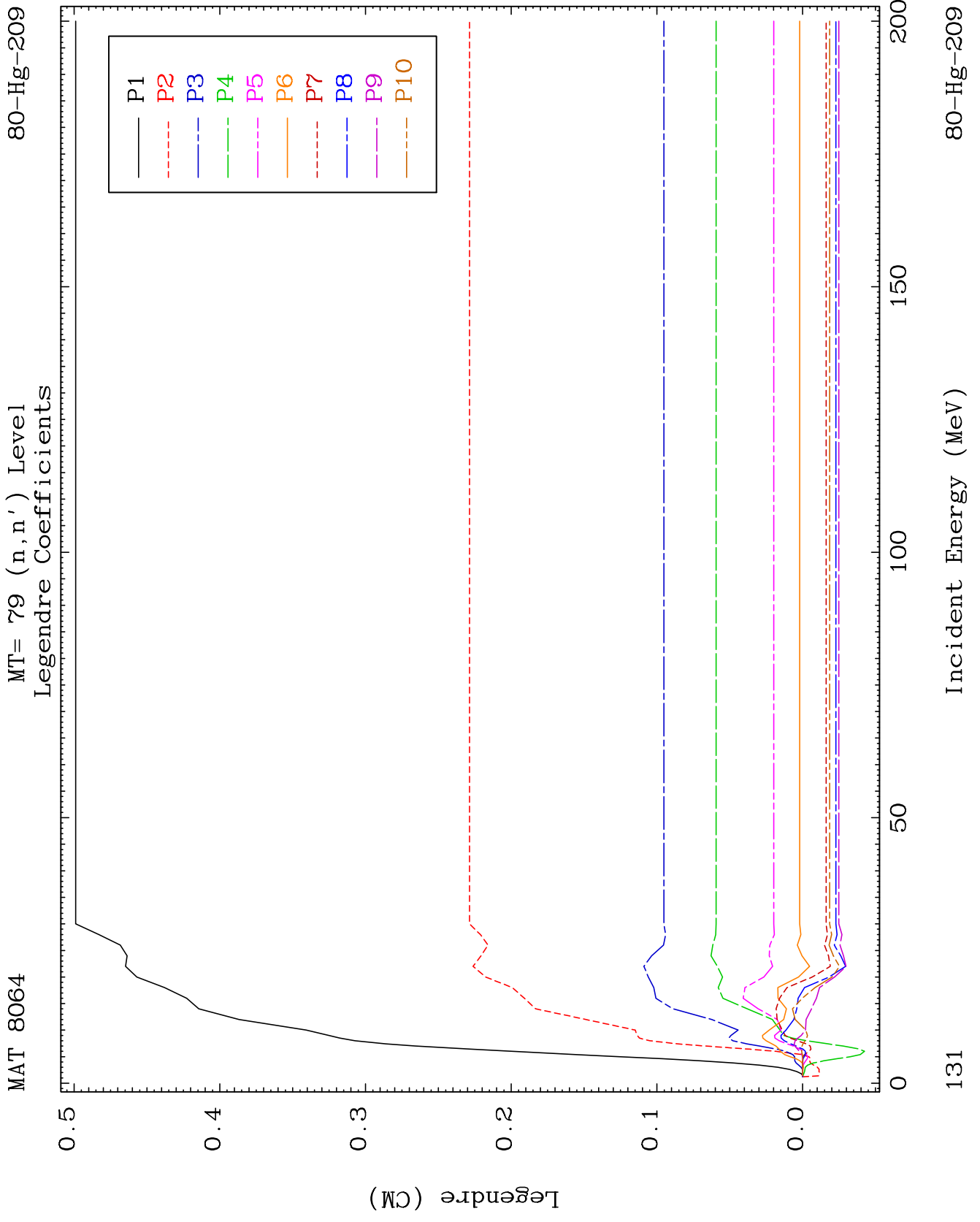
80-Hg-209



129

80-Hg-209

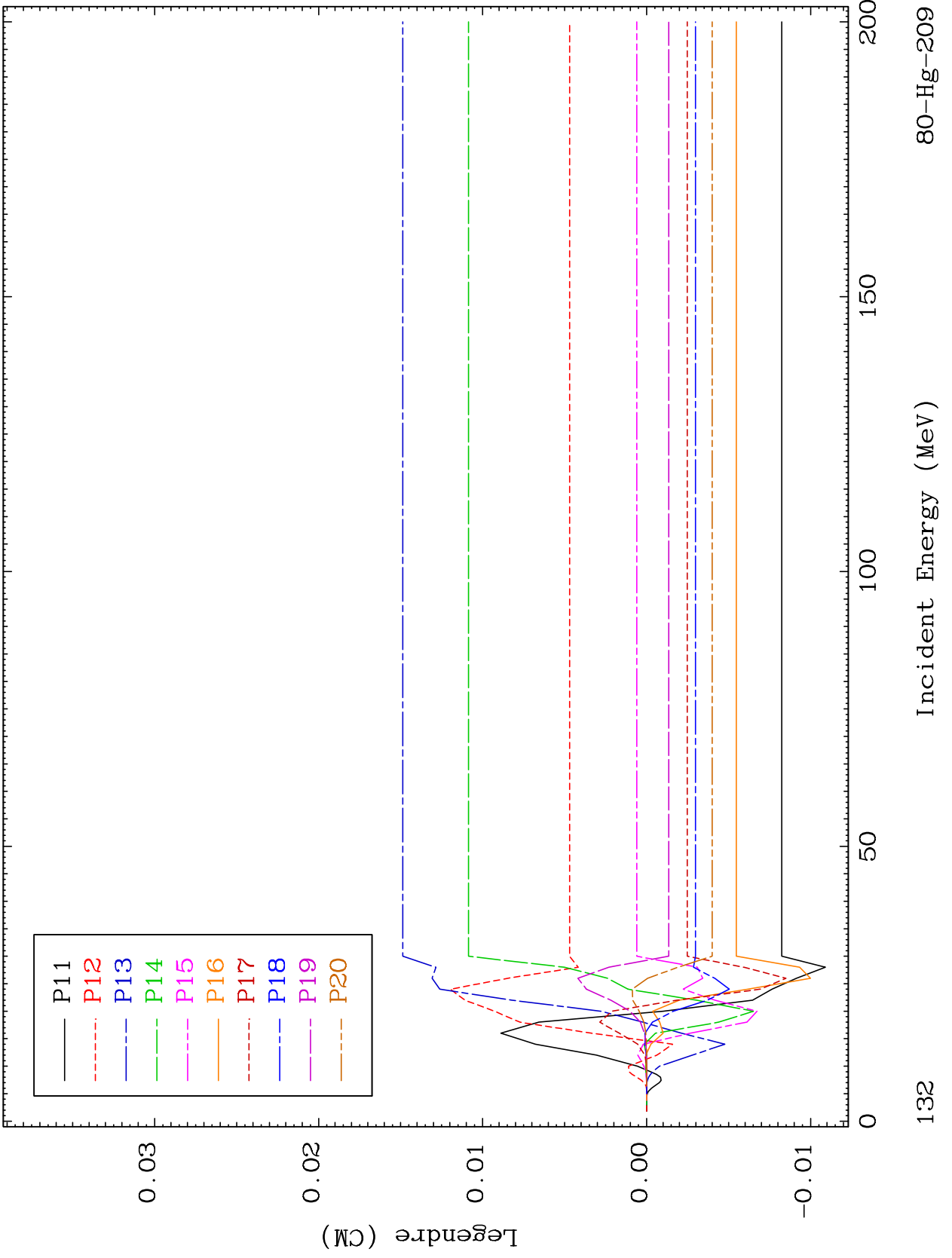




MAT 8064

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

80-Hg-209



132

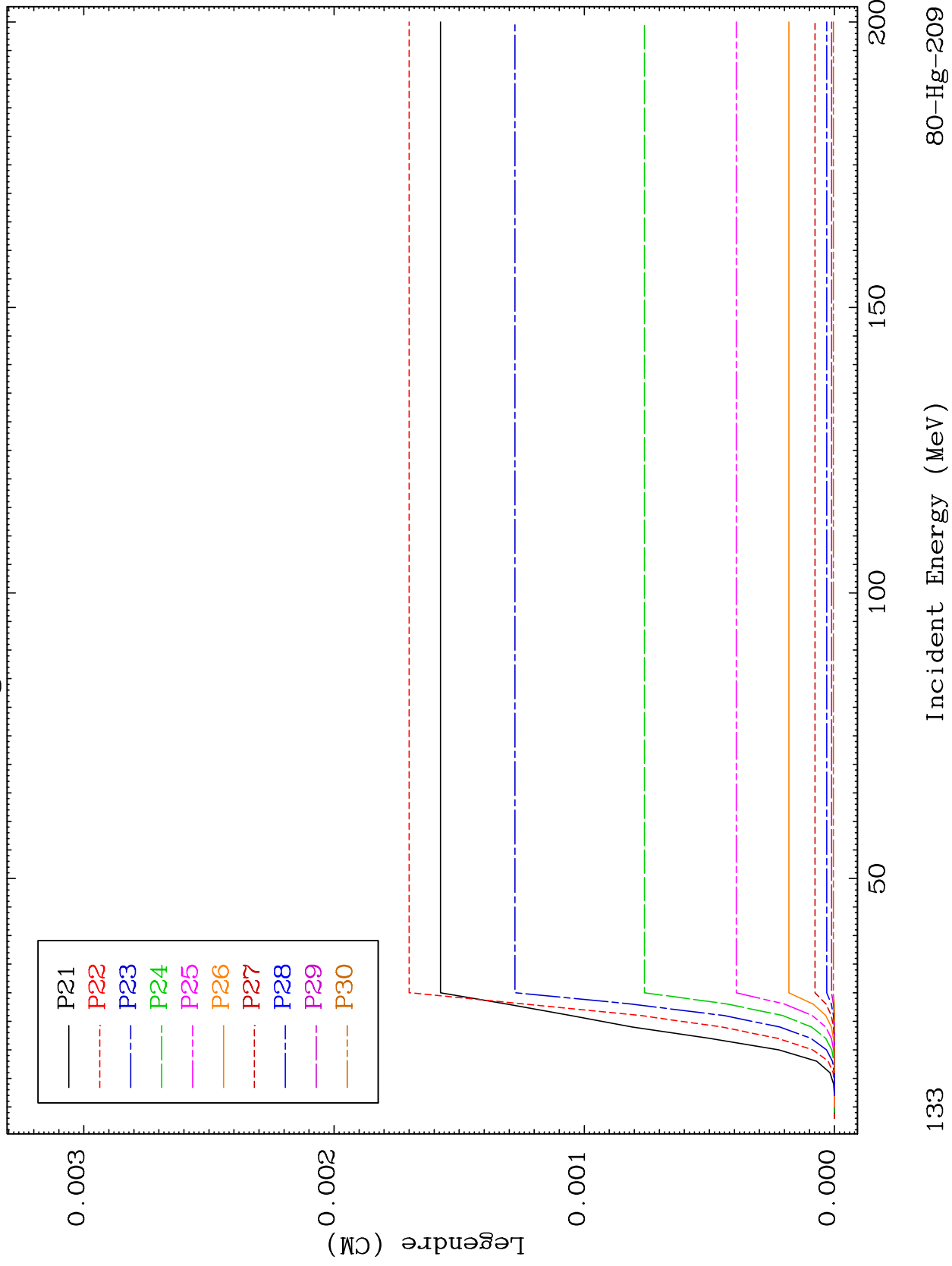
Incident Energy (MeV)

80-Hg-209

MAT 8064

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

80-Hg-209



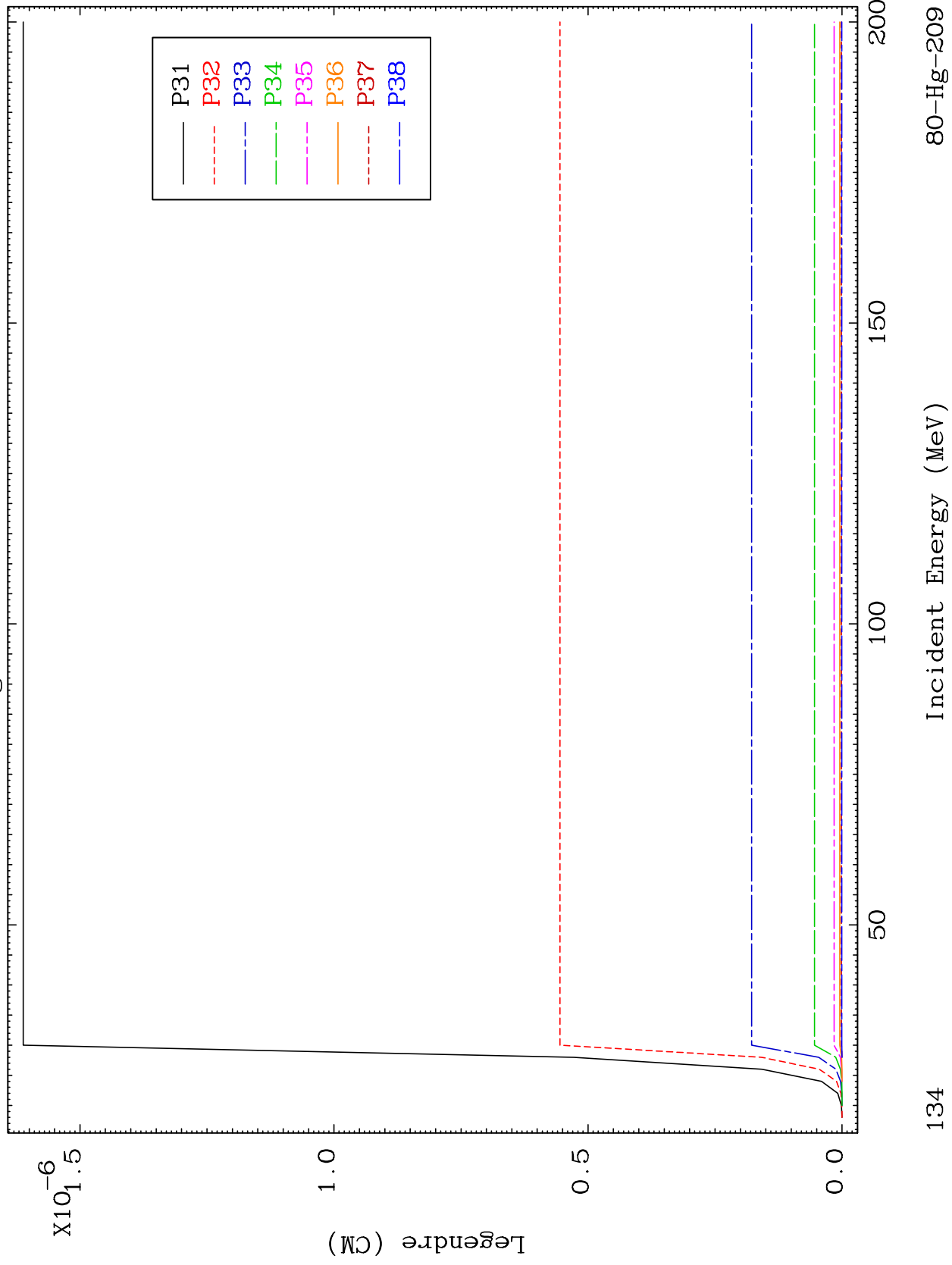
133

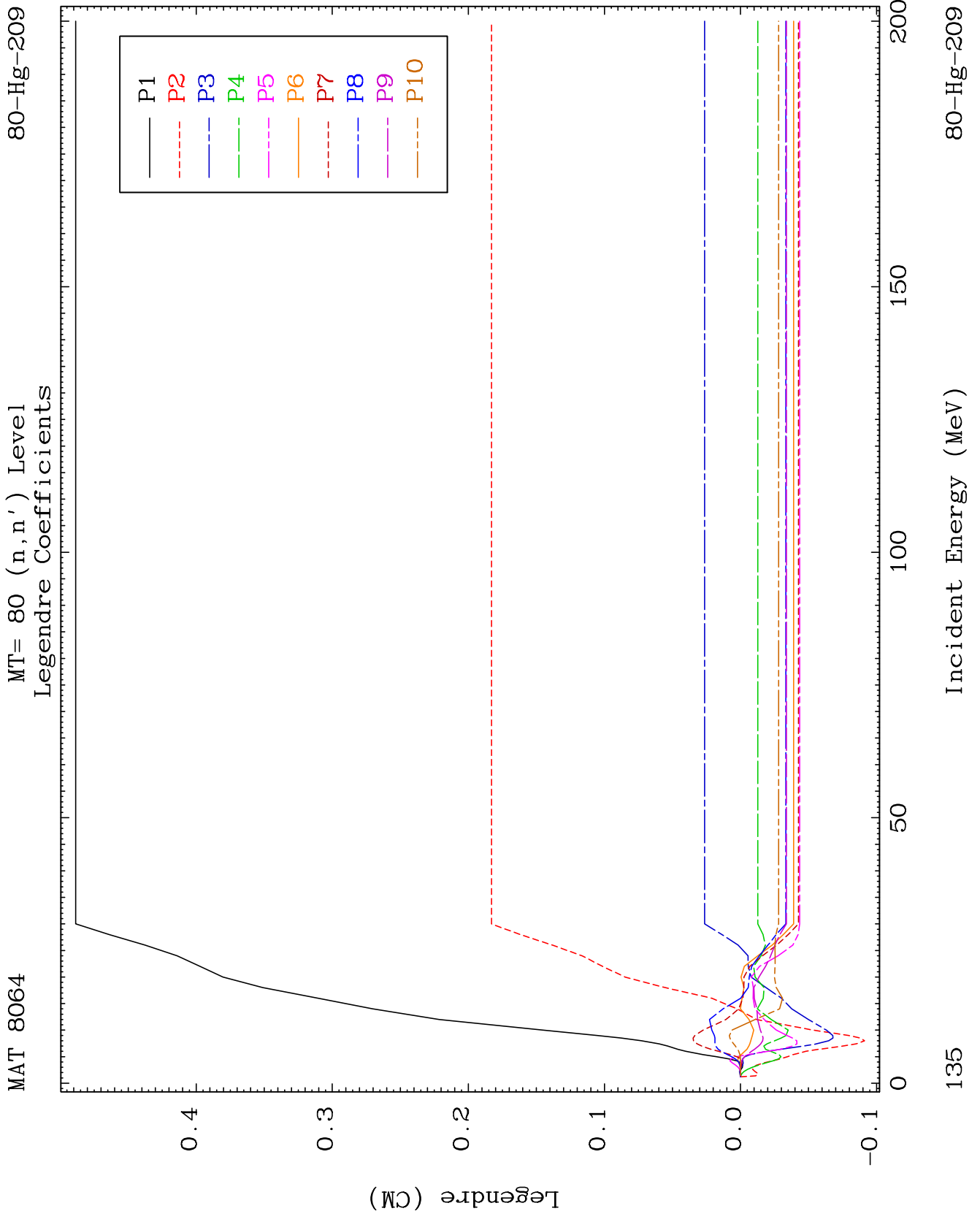
80-Hg-209

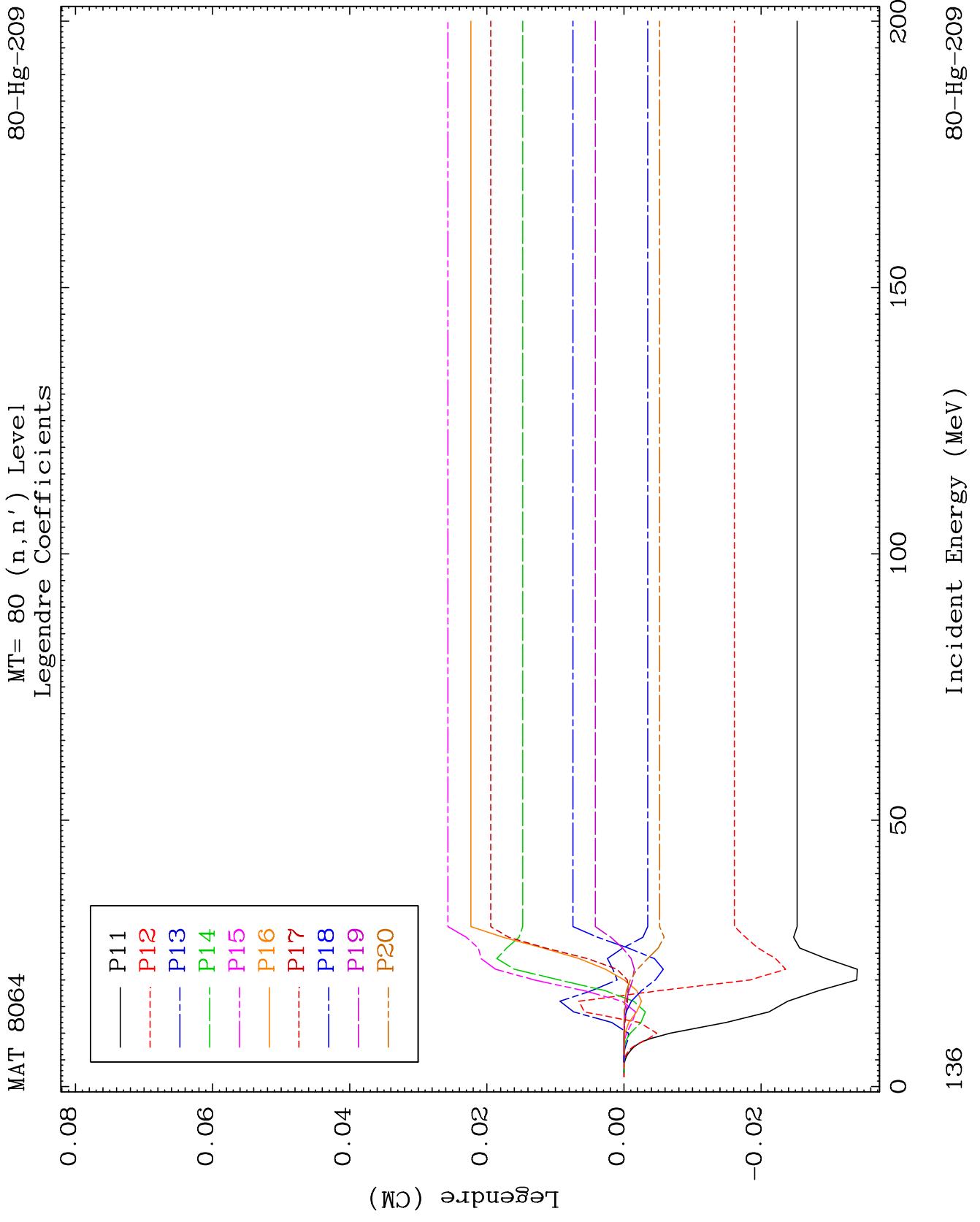
MAT 8064

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

80-Hg-209



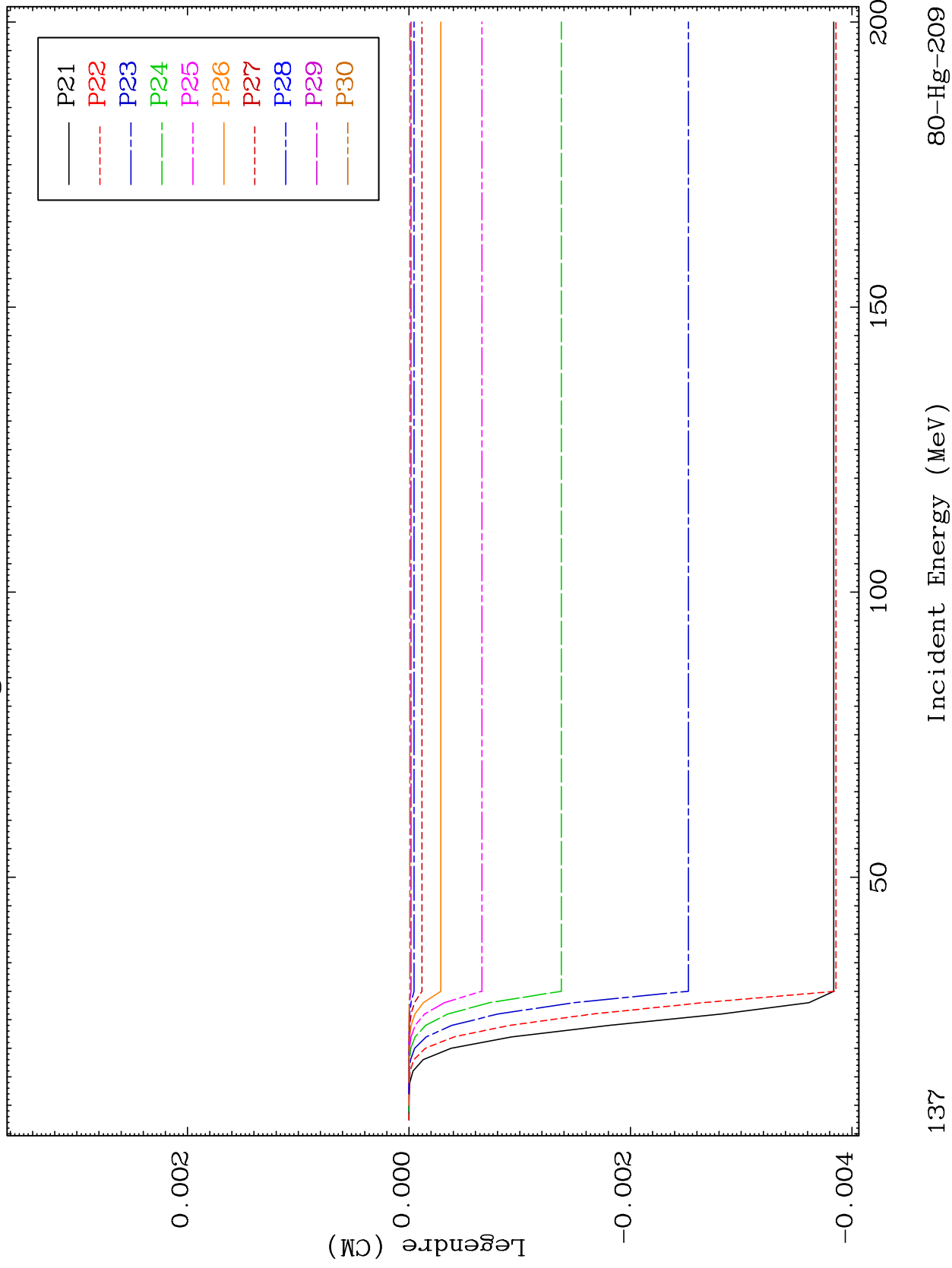




MAT 8064

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

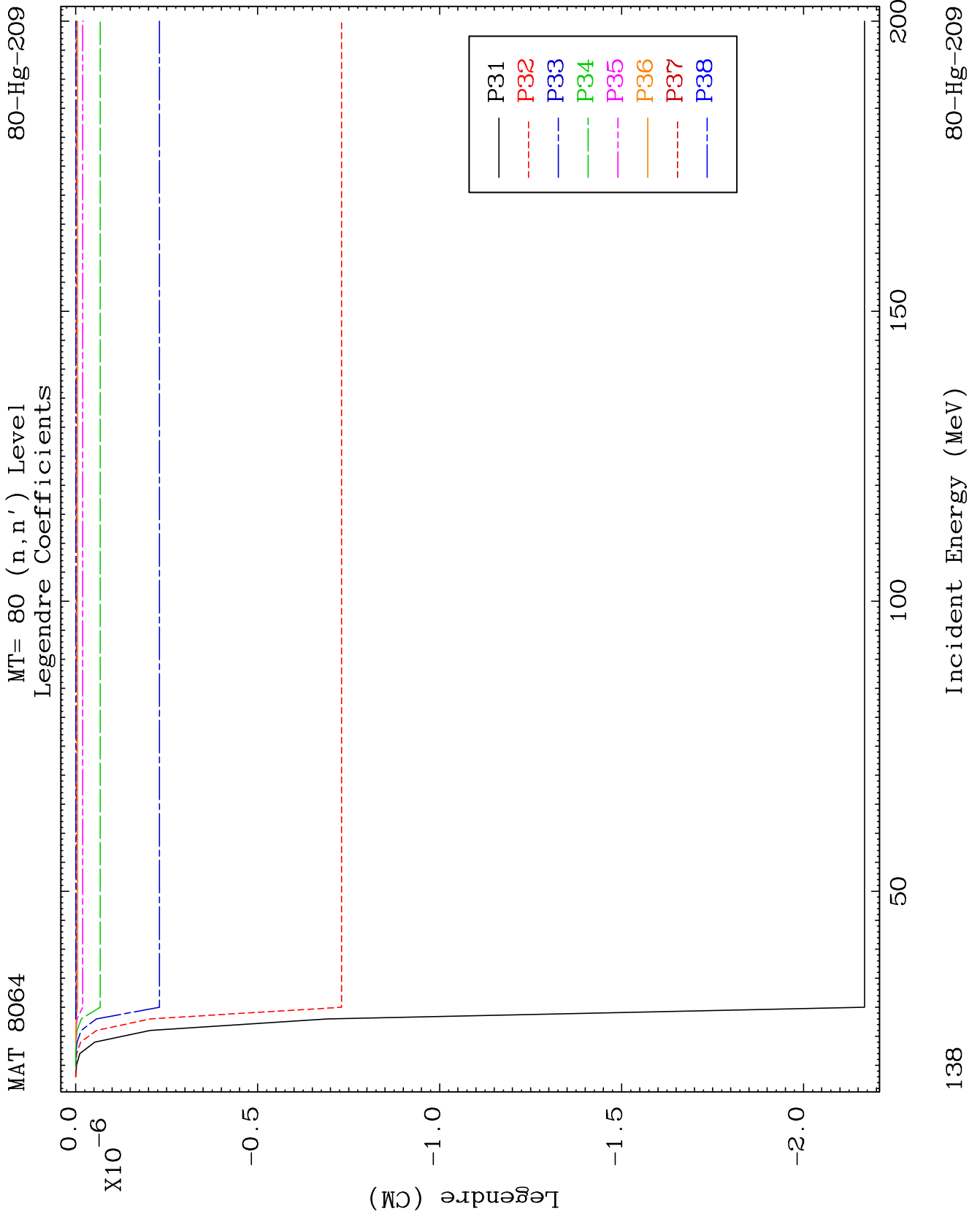
80-Hg-209



137

Incident Energy (MeV)

80-Hg-209

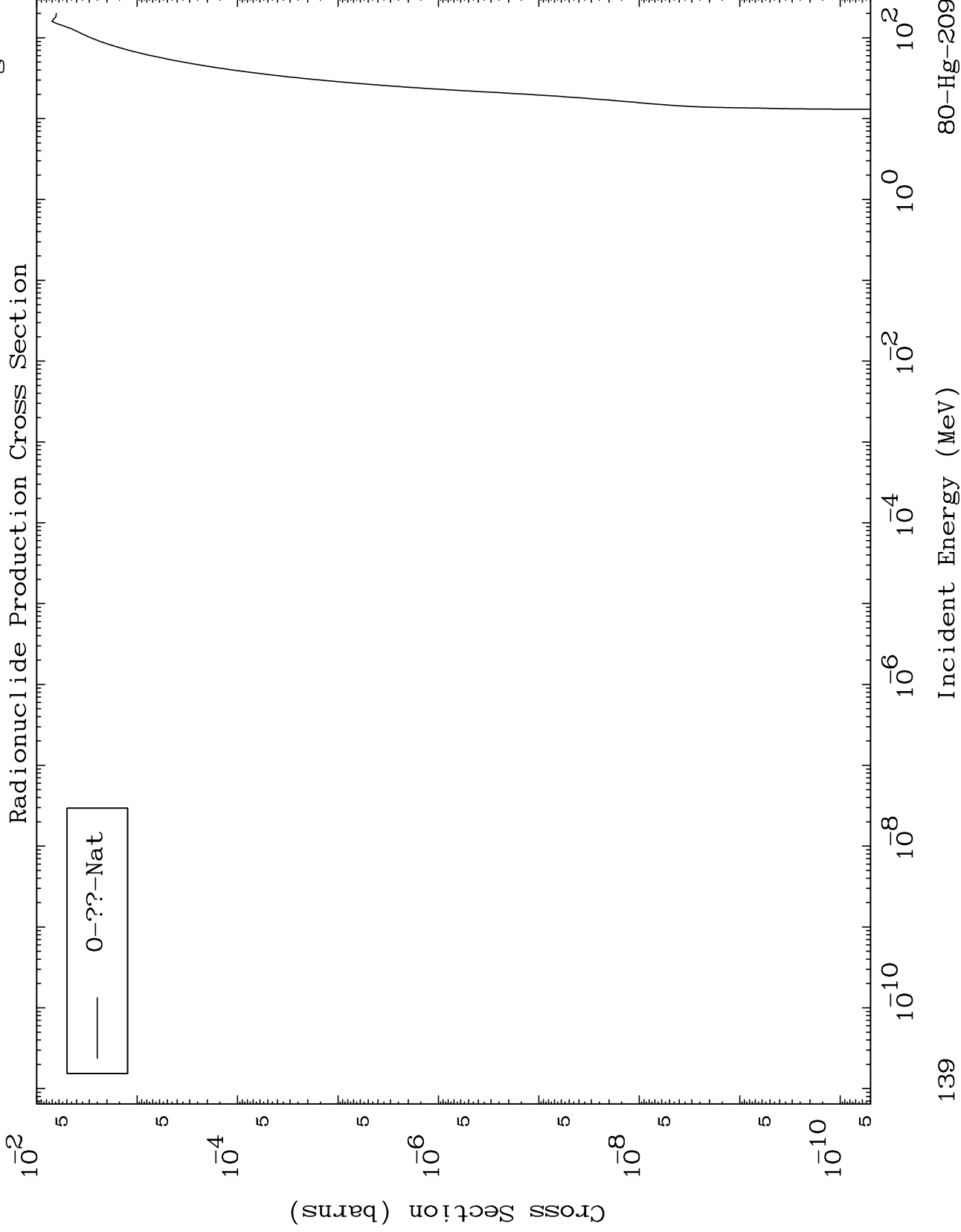


MAT 8064

Fission

80-Hg-209

Radionuclide Production Cross Section

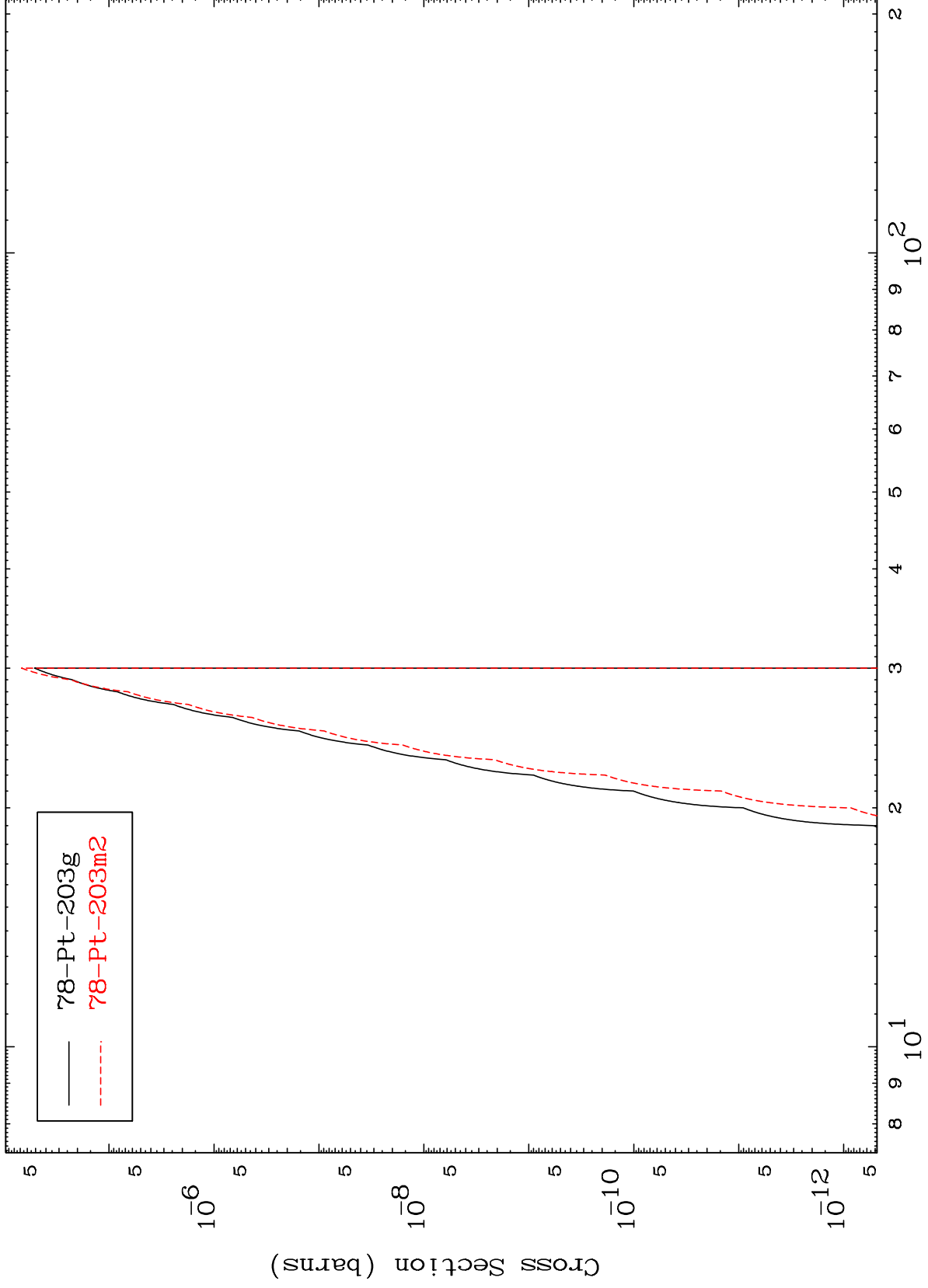


MAT 8064

(n,3n) α

80-Hg-209

Radionuclide Production Cross Section



140

Incident Energy (MeV)

80-Hg-209