

Program EVALPLOT
(Version 2018-1)

by

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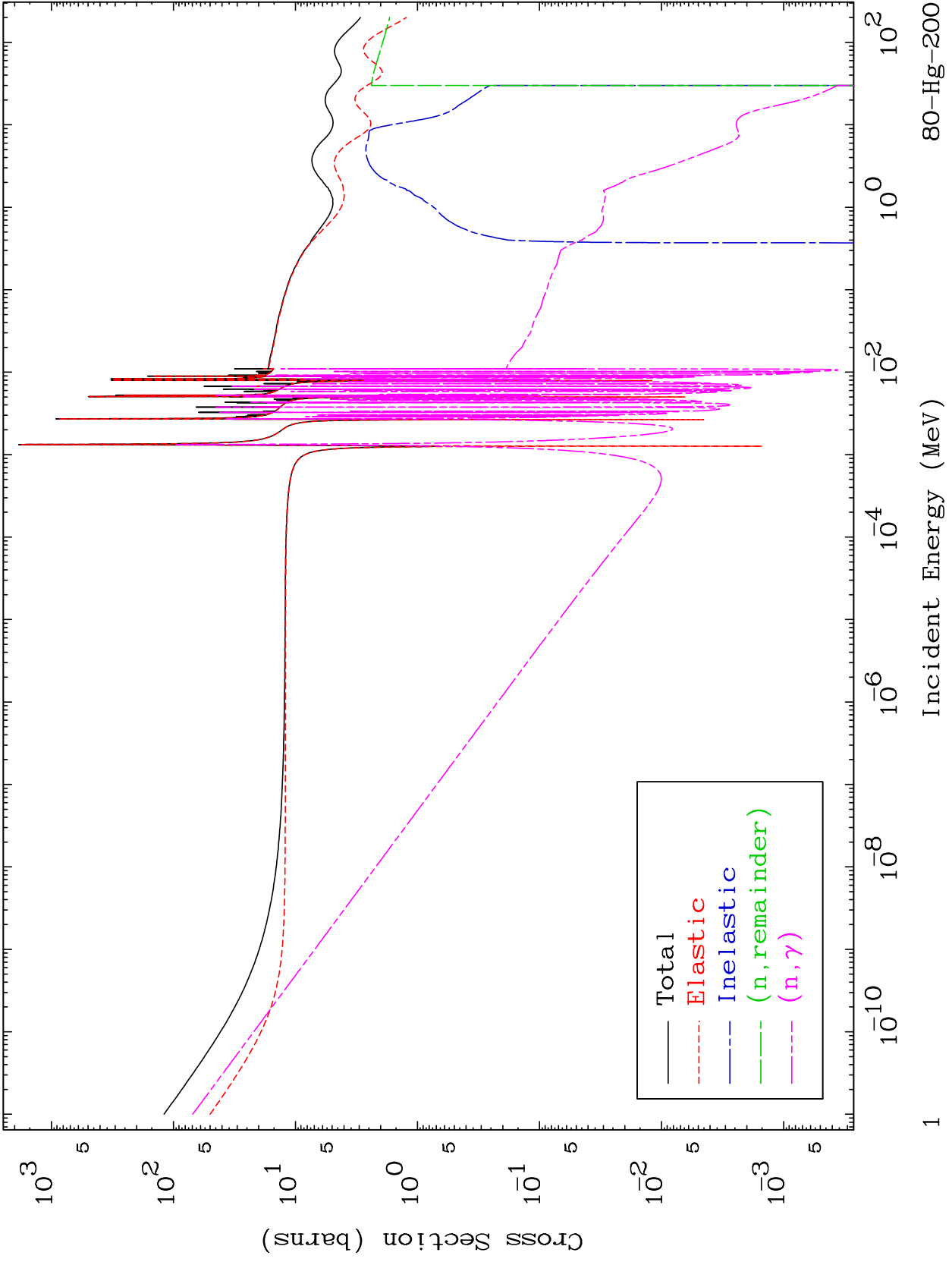
Press Mouse Button to Start

MAT 8037

Major

293 Kelvin Cross Sections

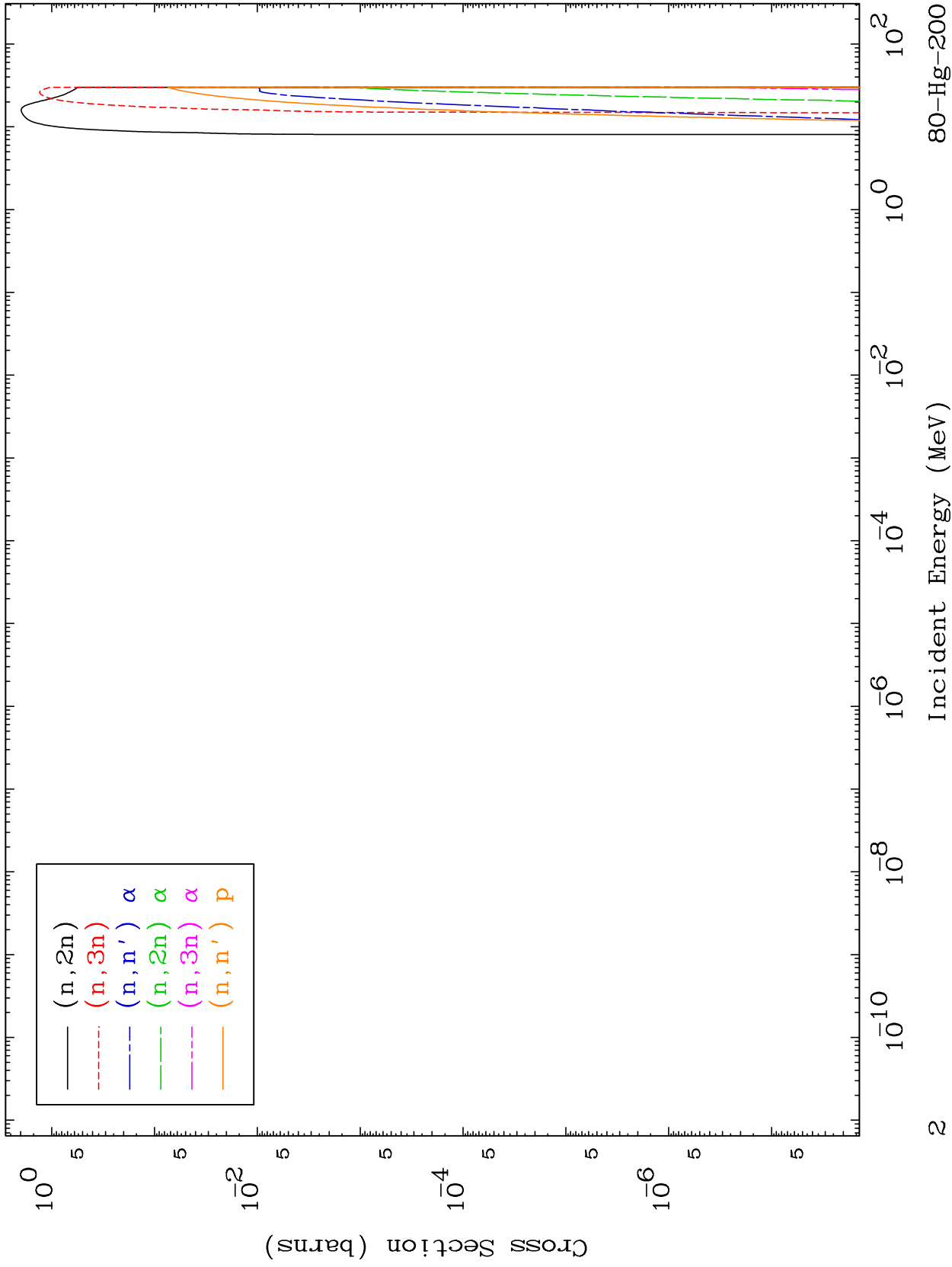
80-Hg-200

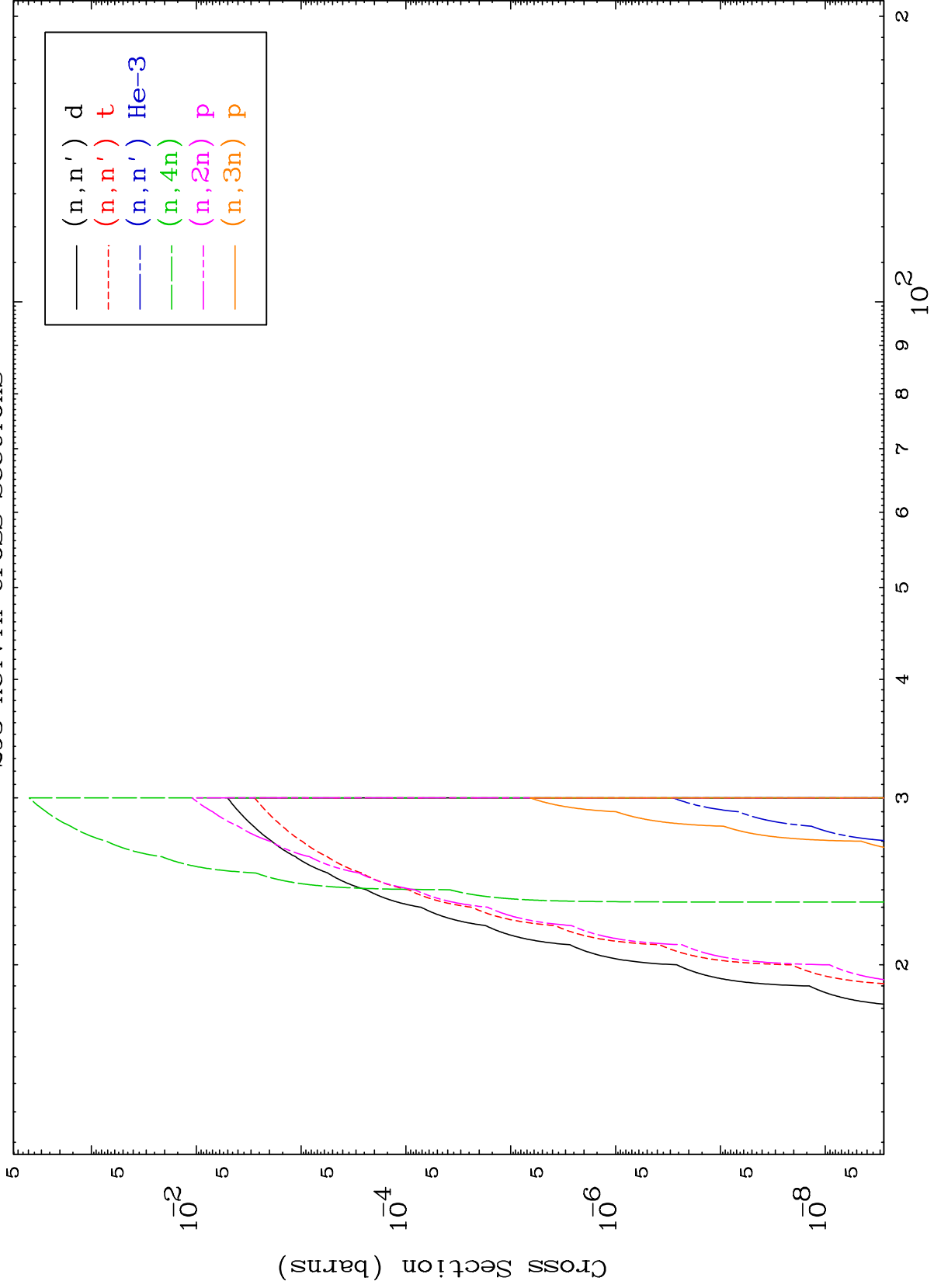


MAT 8037

Neutron Production
293 Kelvin Cross Sections

80-Hg-200

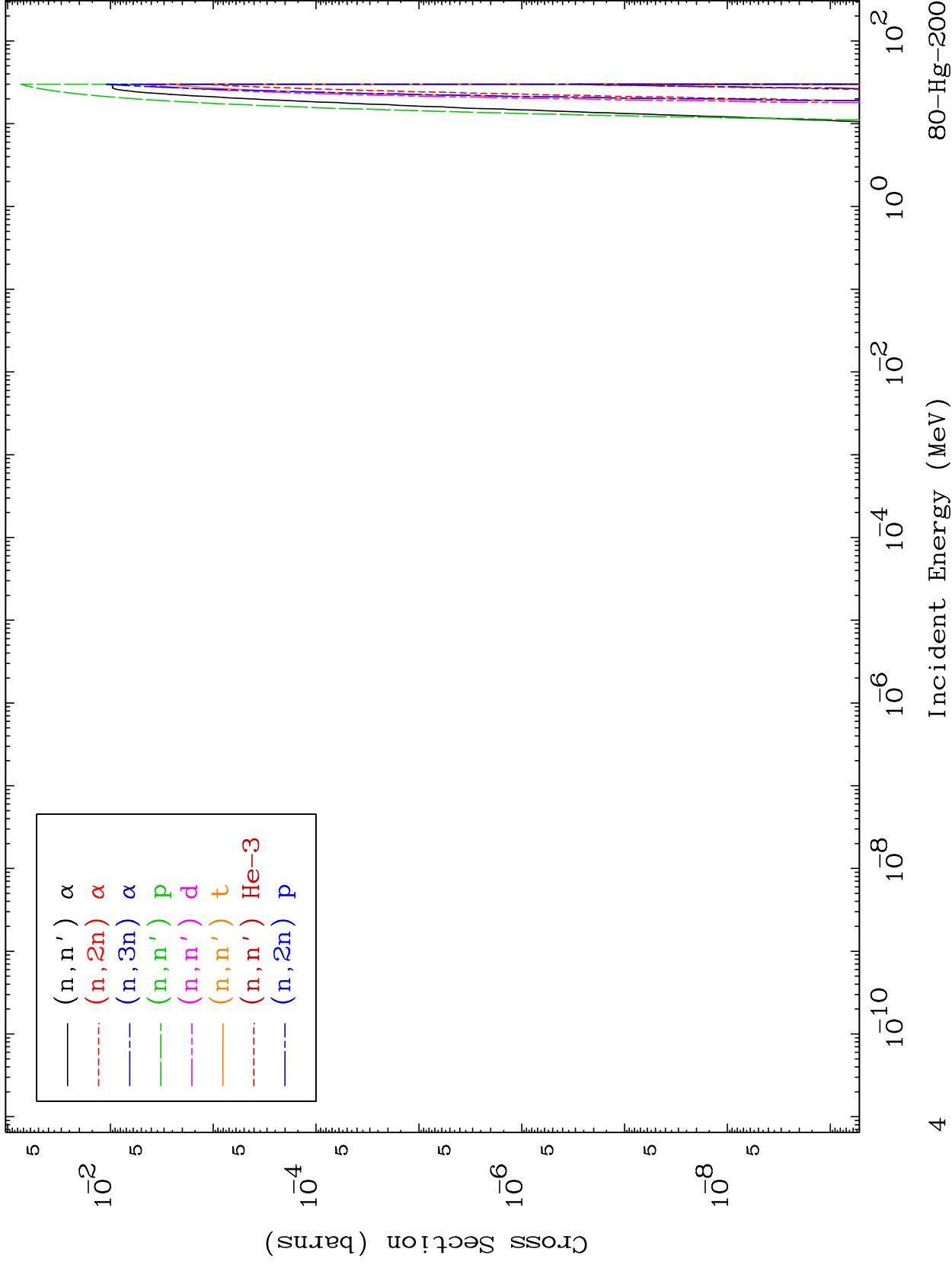




MAT 8037

Charged Particle
293 Kelvin Cross Sections

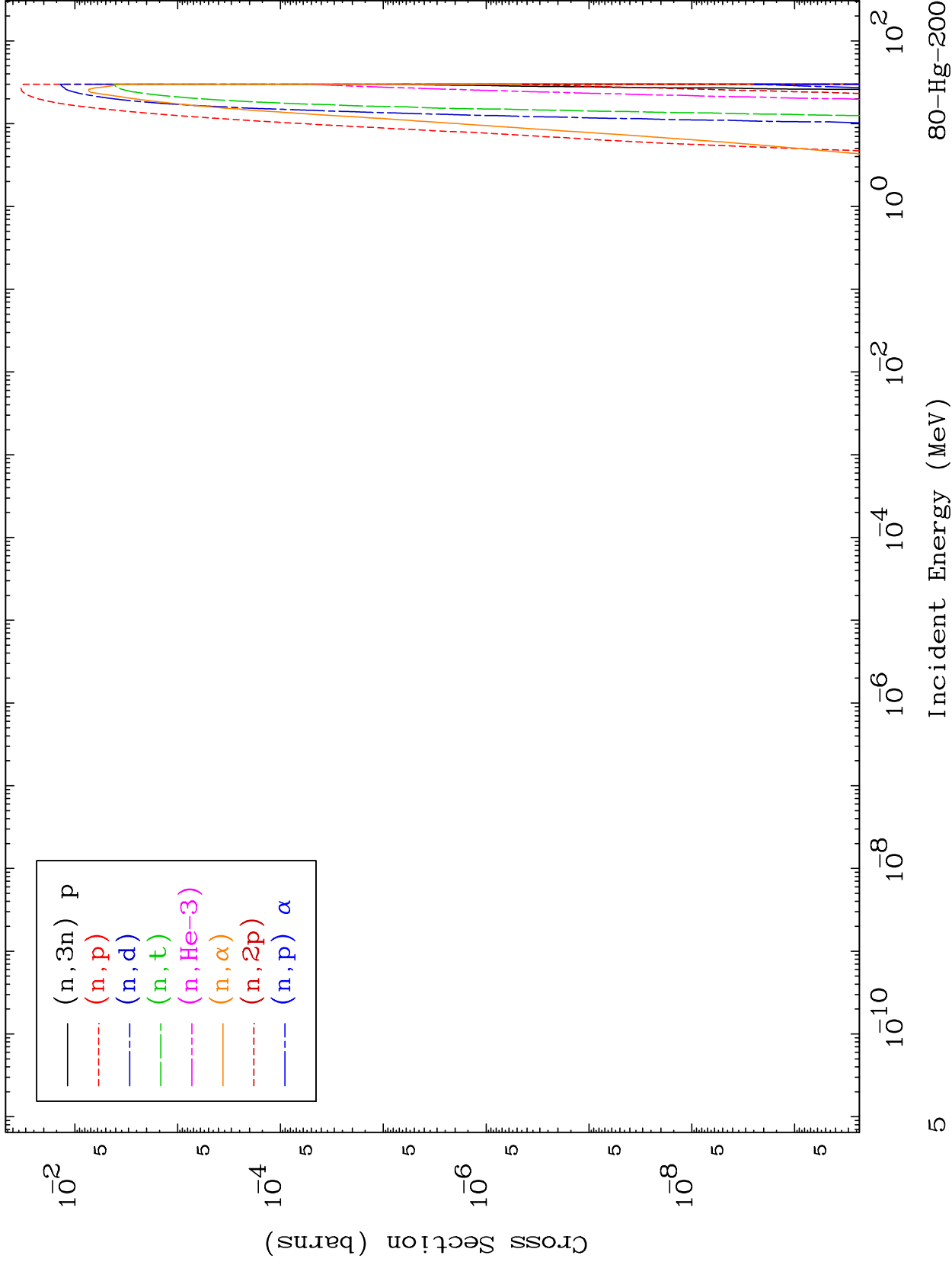
80-Hg-200



MAT 8037

Charged Particle
293 Kelvin Cross Sections

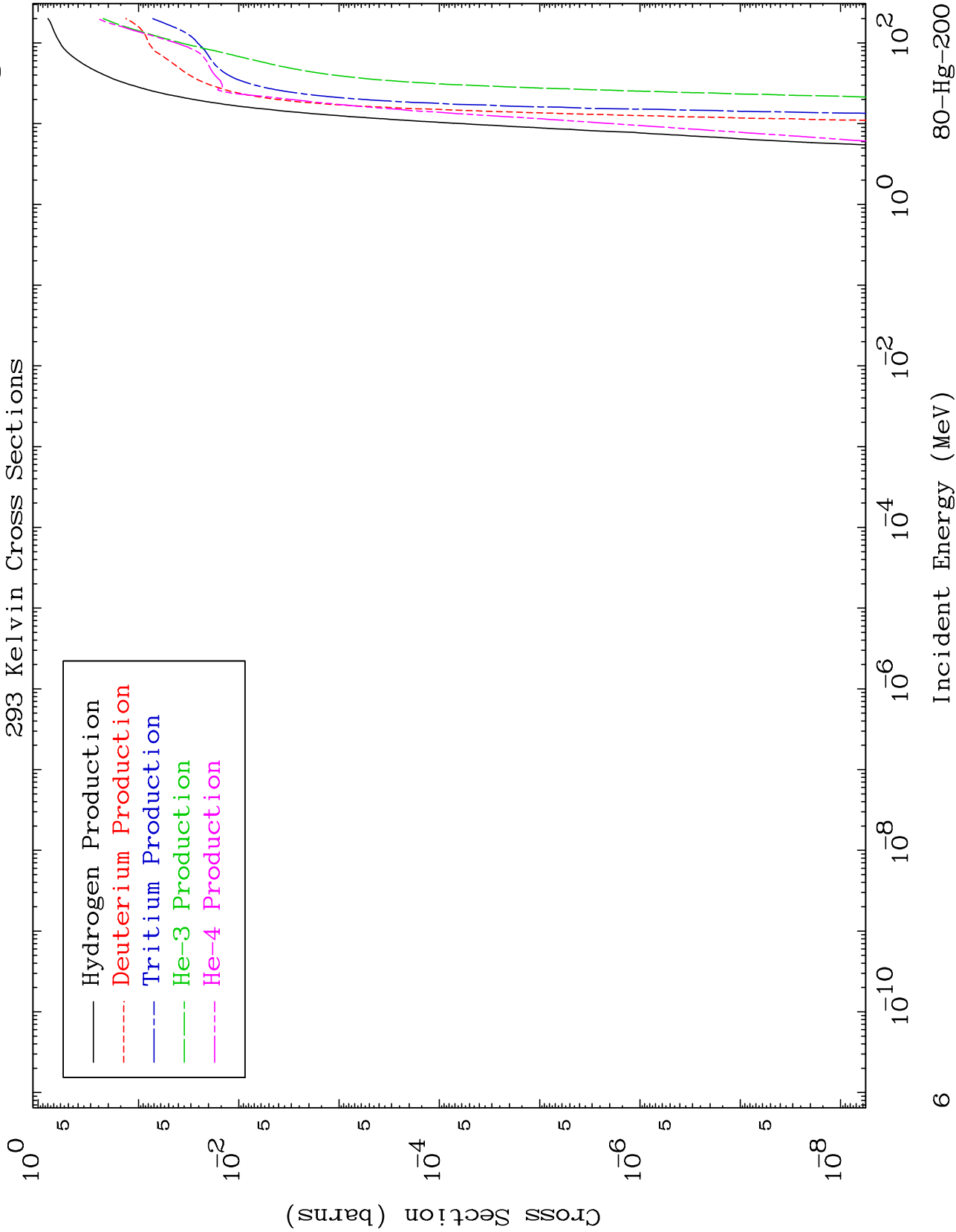
80-Hg-200



MAT 8037

Particle Production
293 Kelvin Cross Sections

80-Hg-200

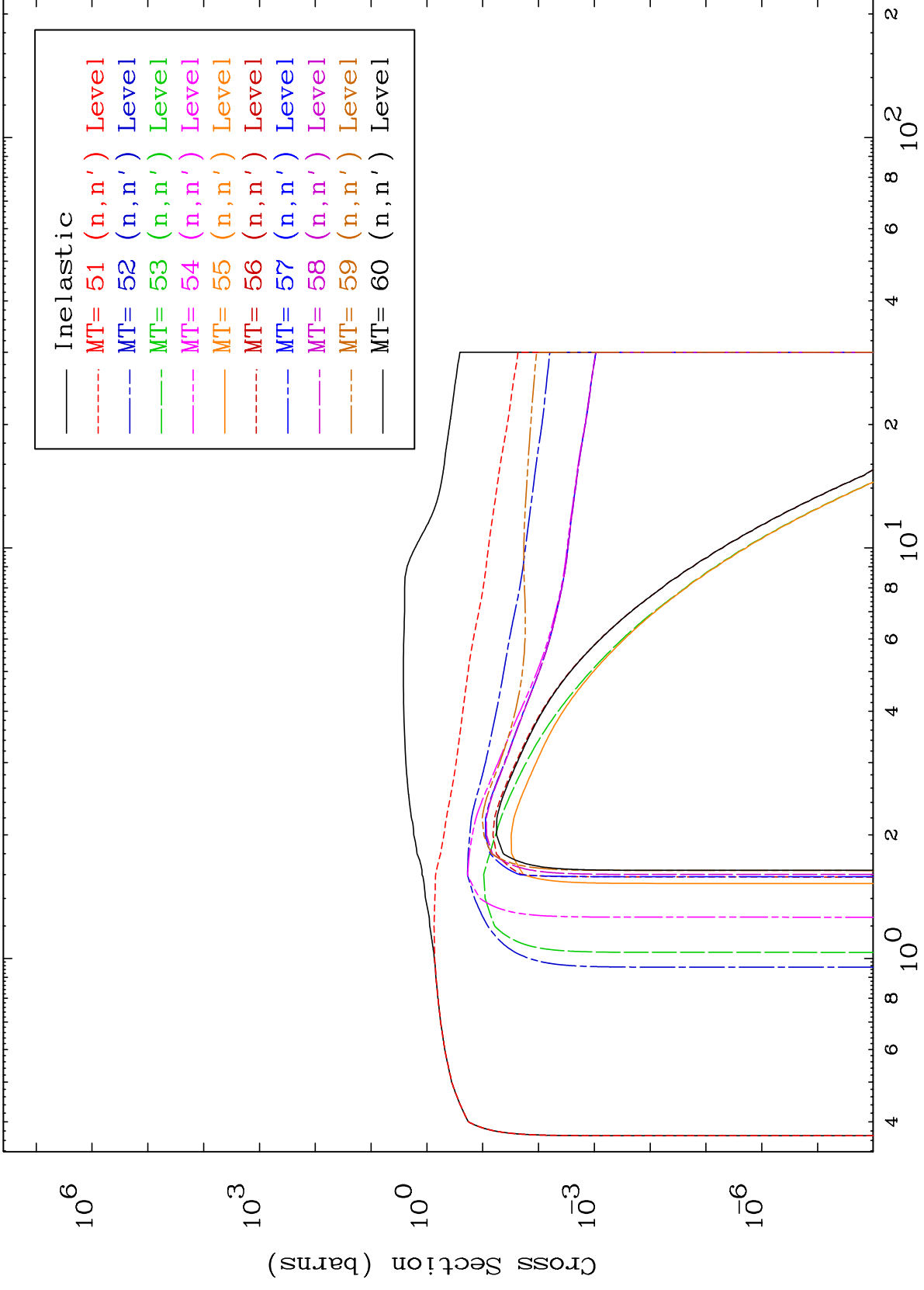


MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections

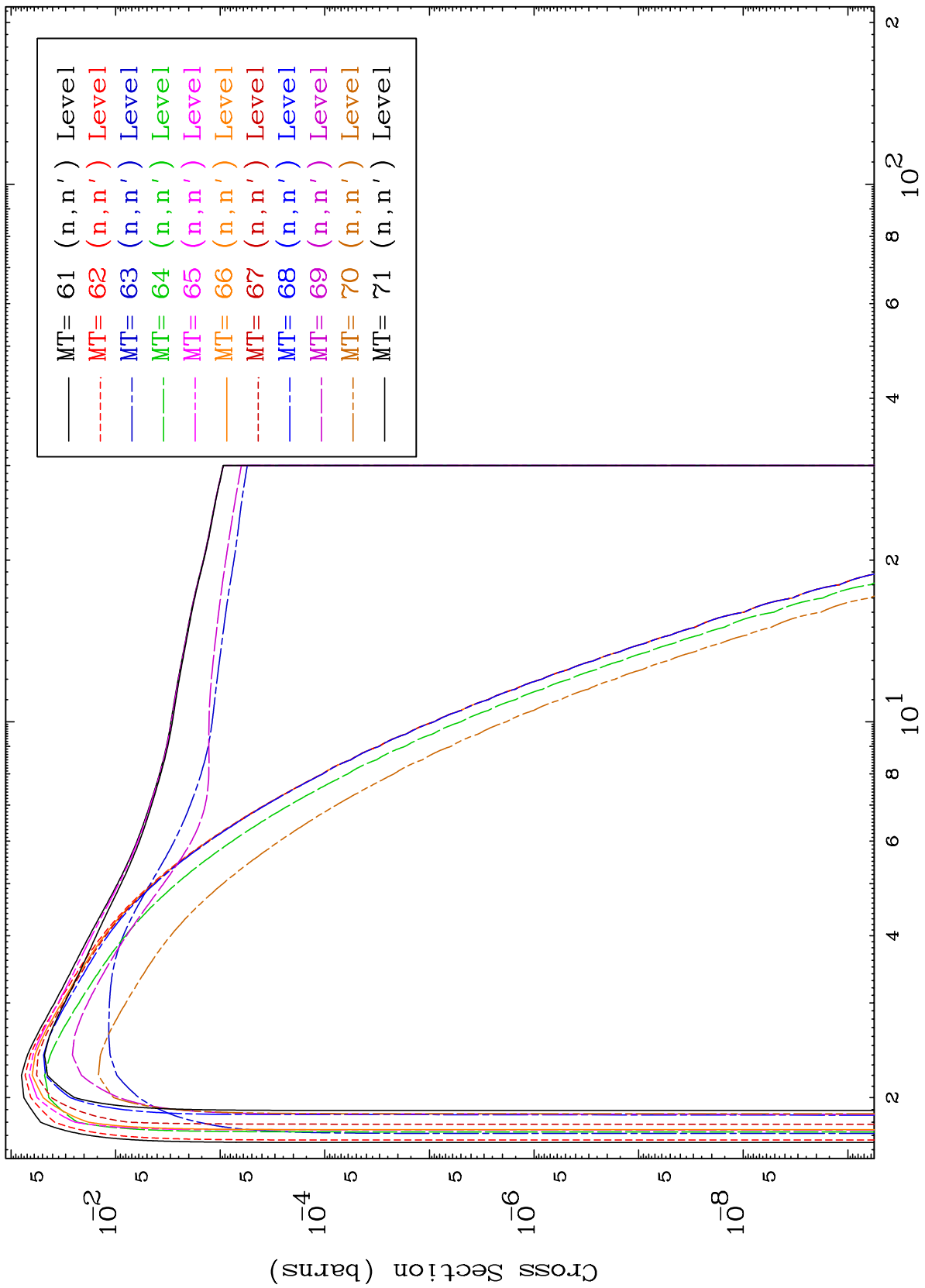


MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections



8

Incident Energy (MeV)

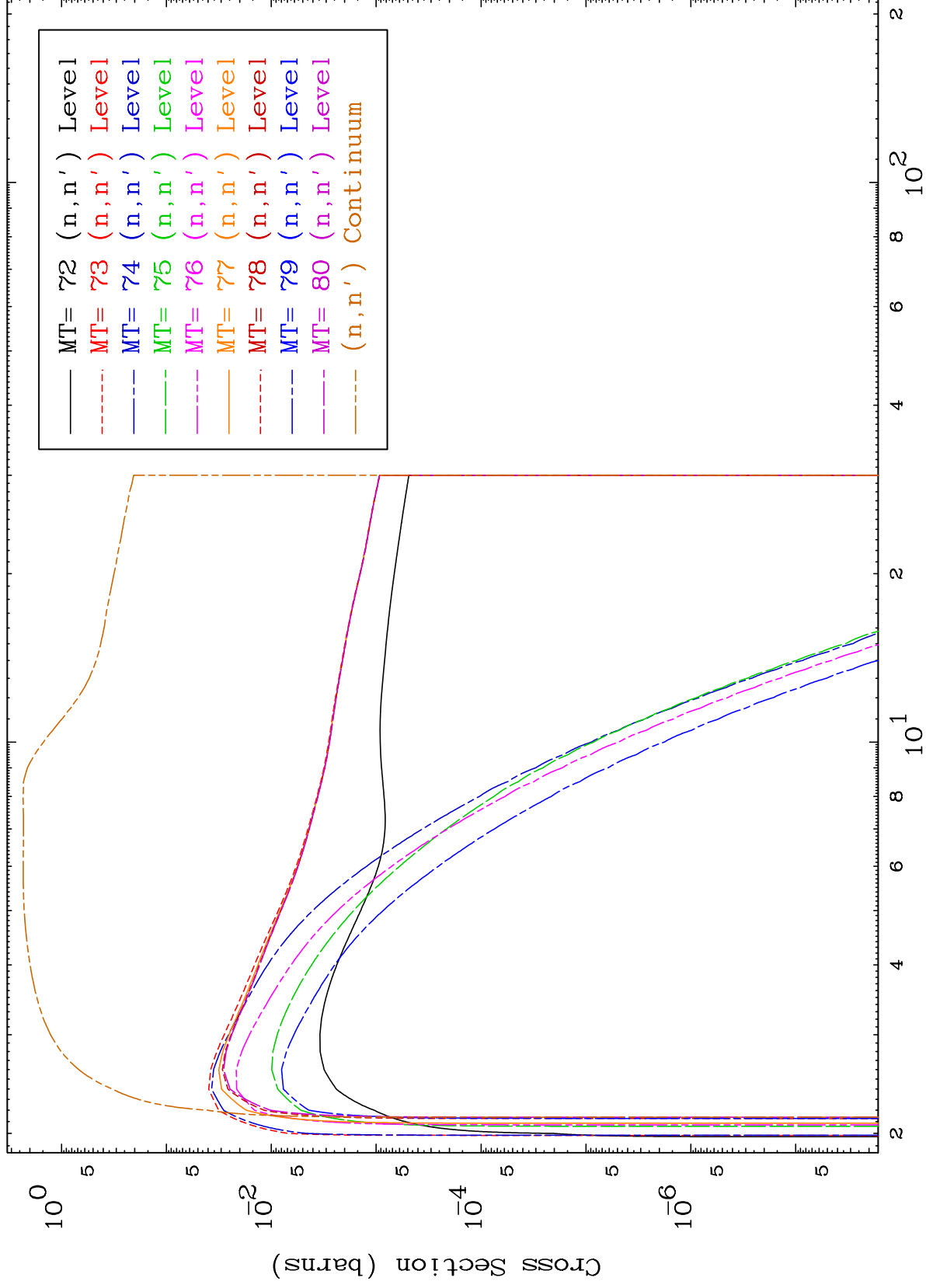
80-Hg-200

MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections



9

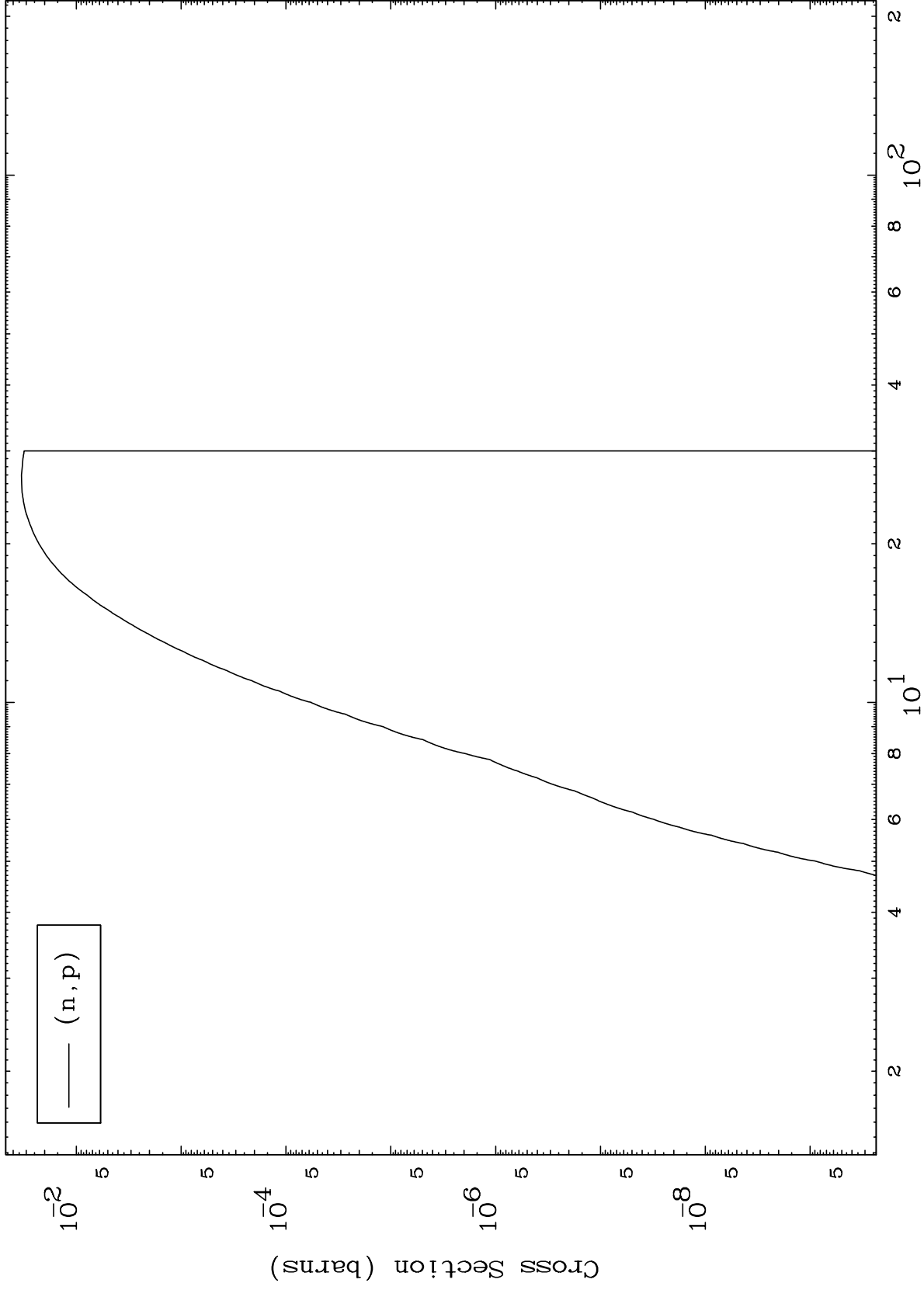
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-200



10

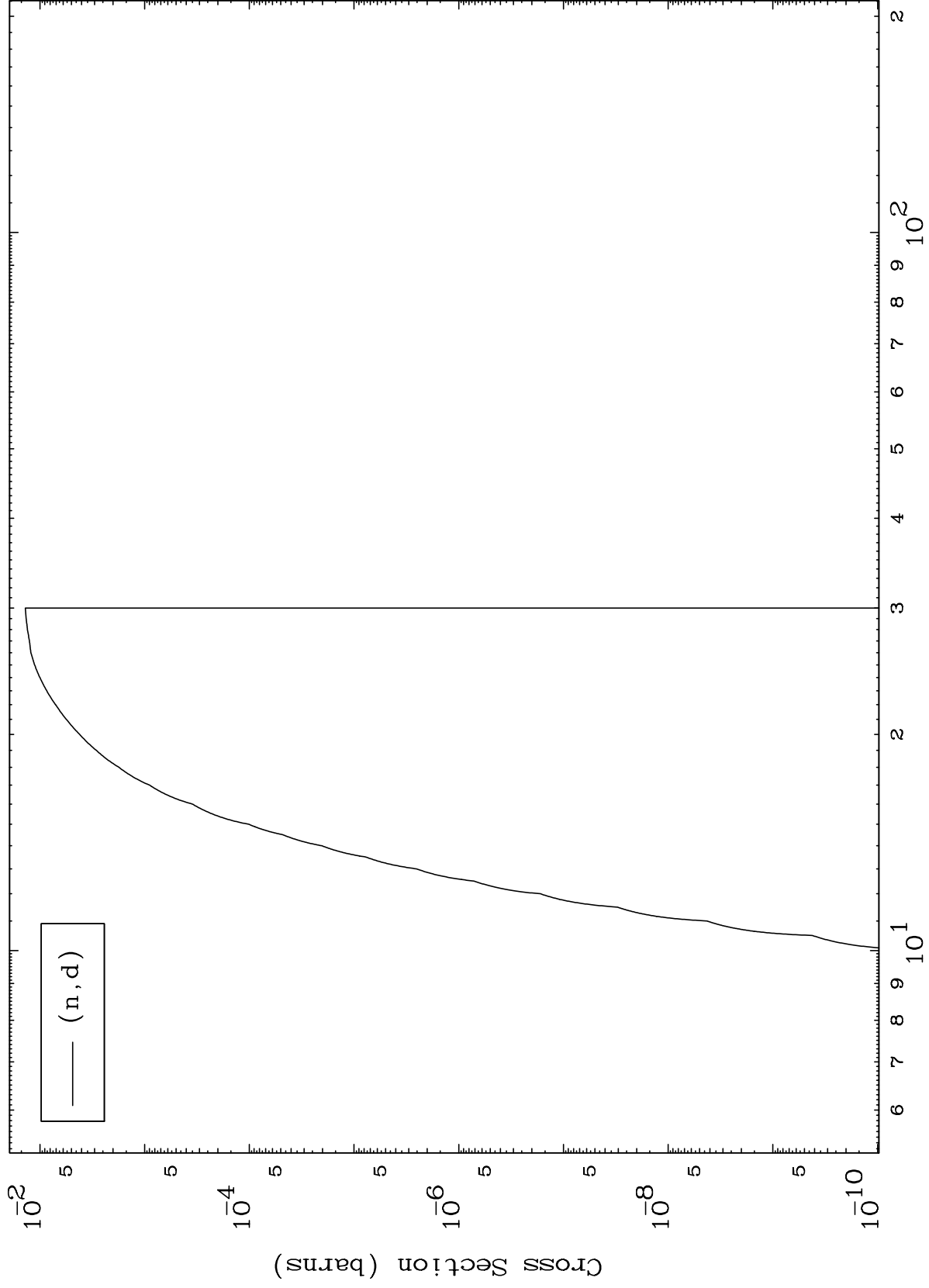
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,d) Levels
293 Kelvin Cross Sections

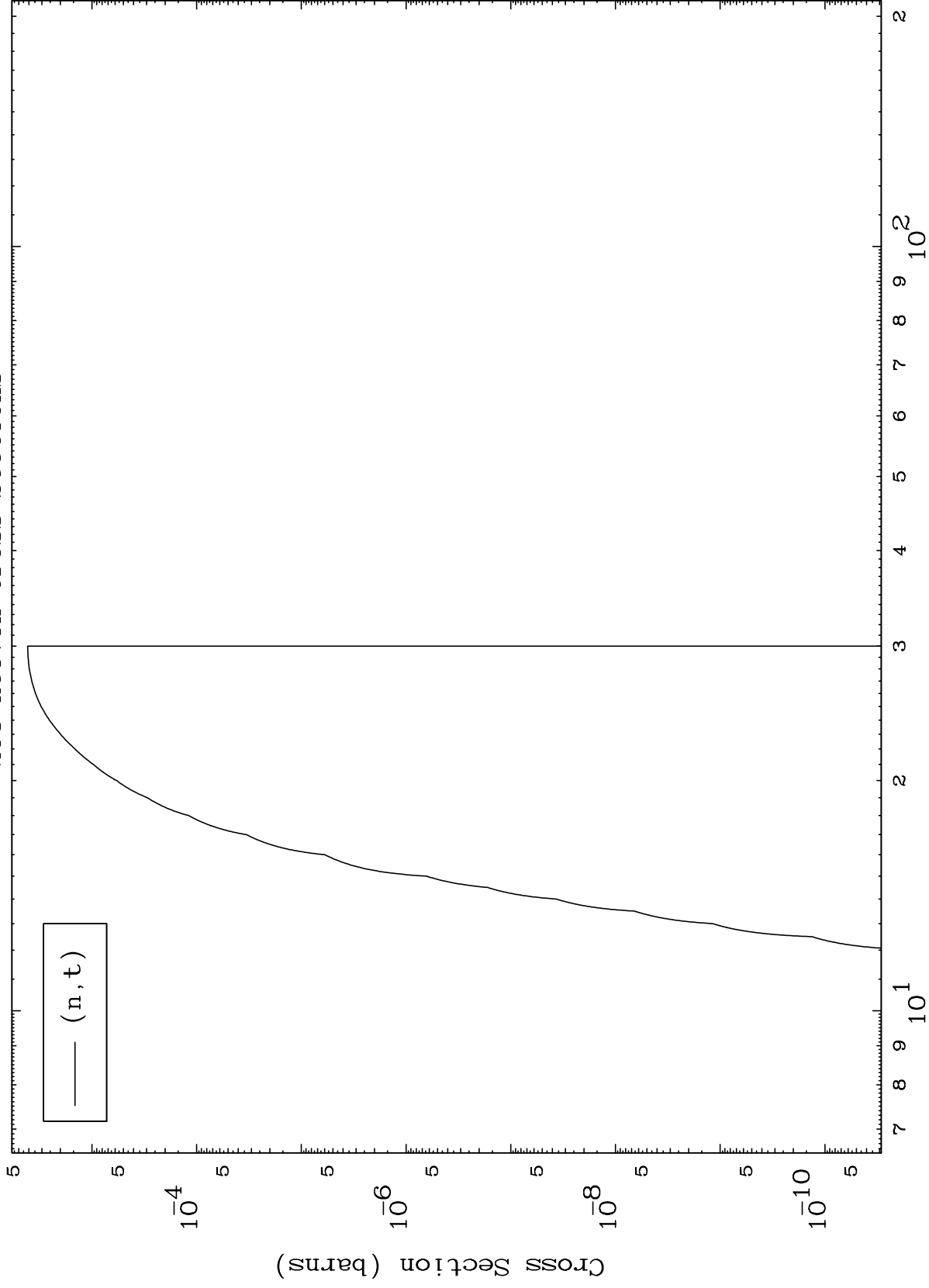
80-Hg-200



MAT 8037

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-200



12

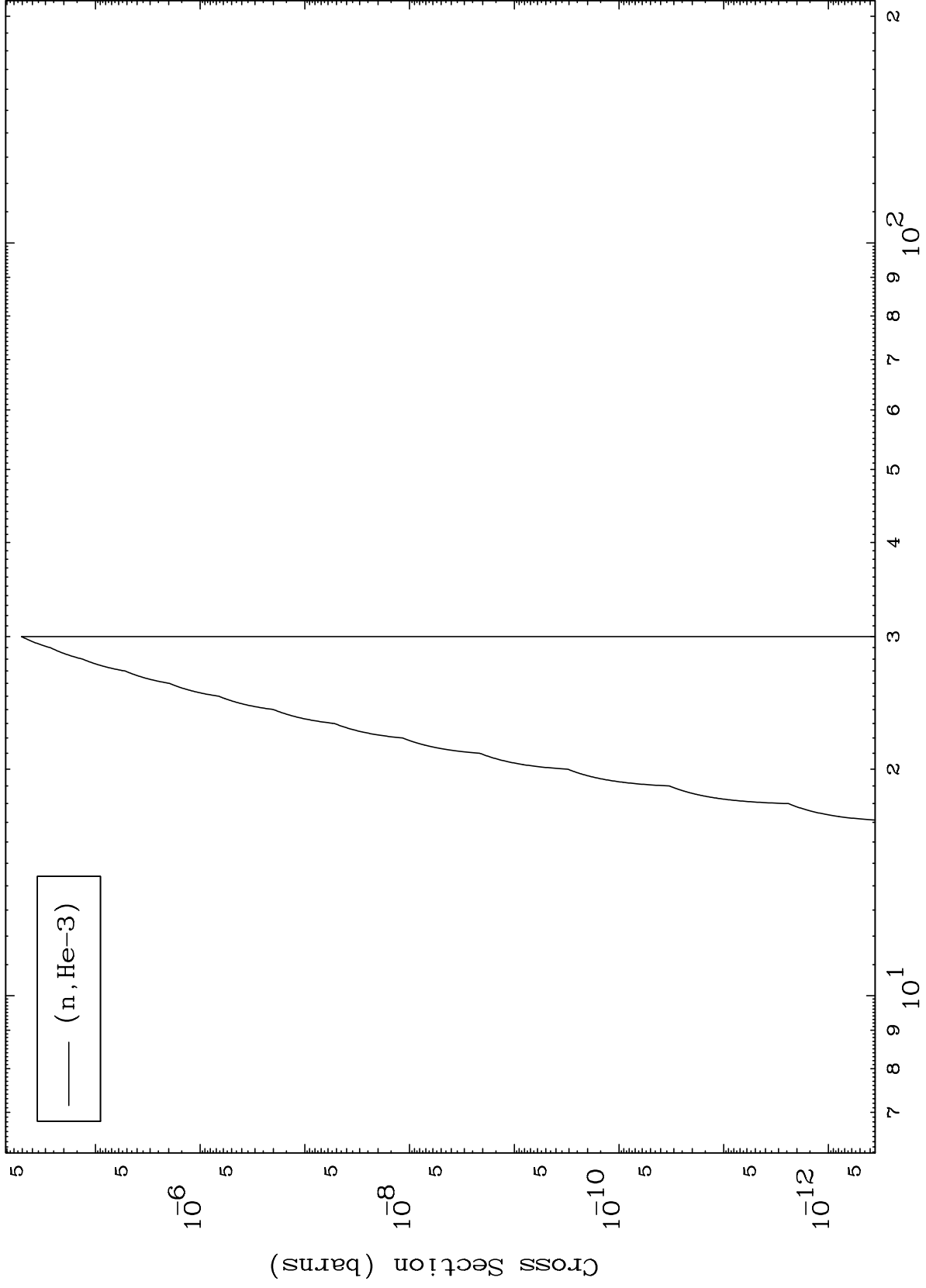
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,He3) Levels
293 Kelvin Cross Sections

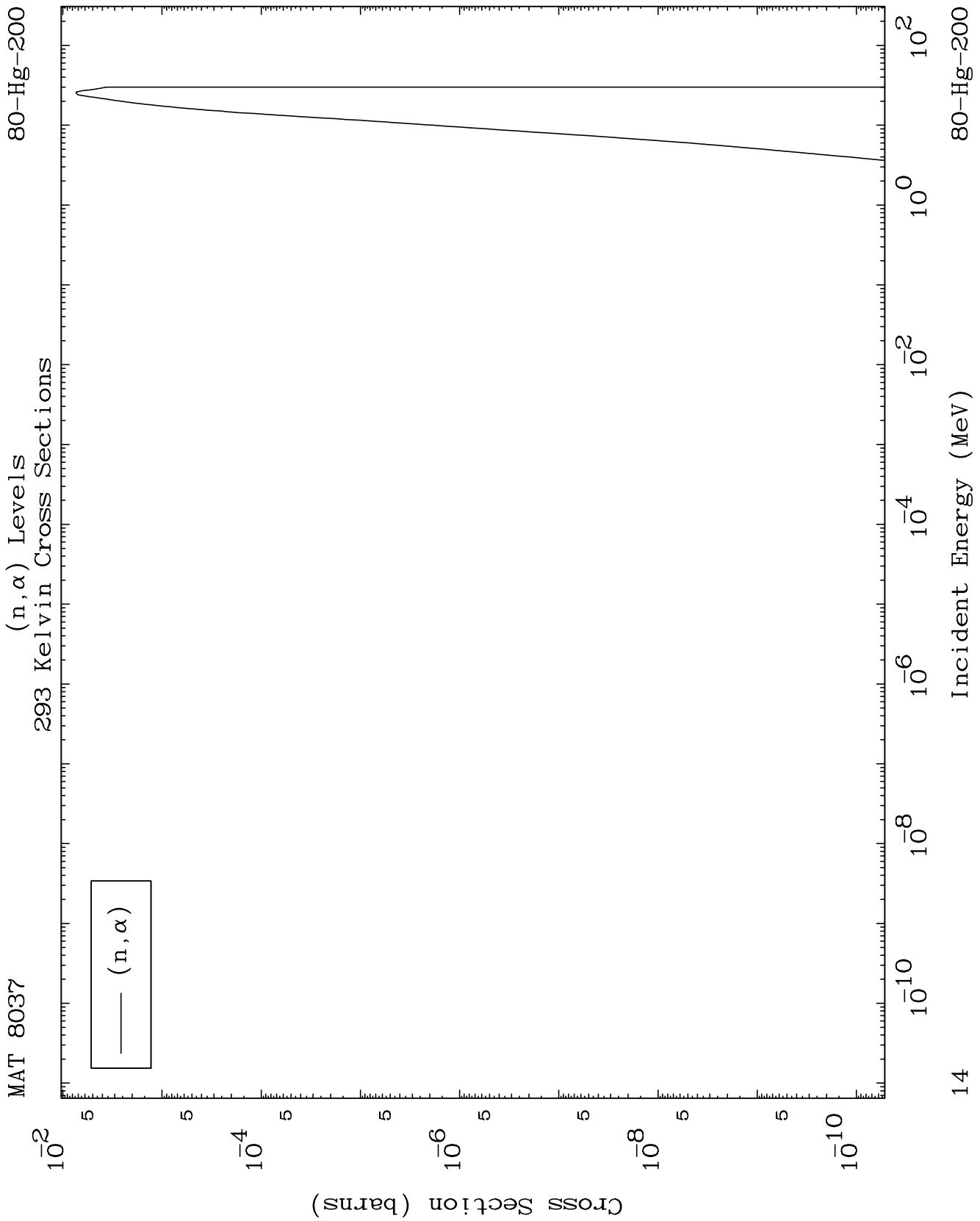
80-Hg-200

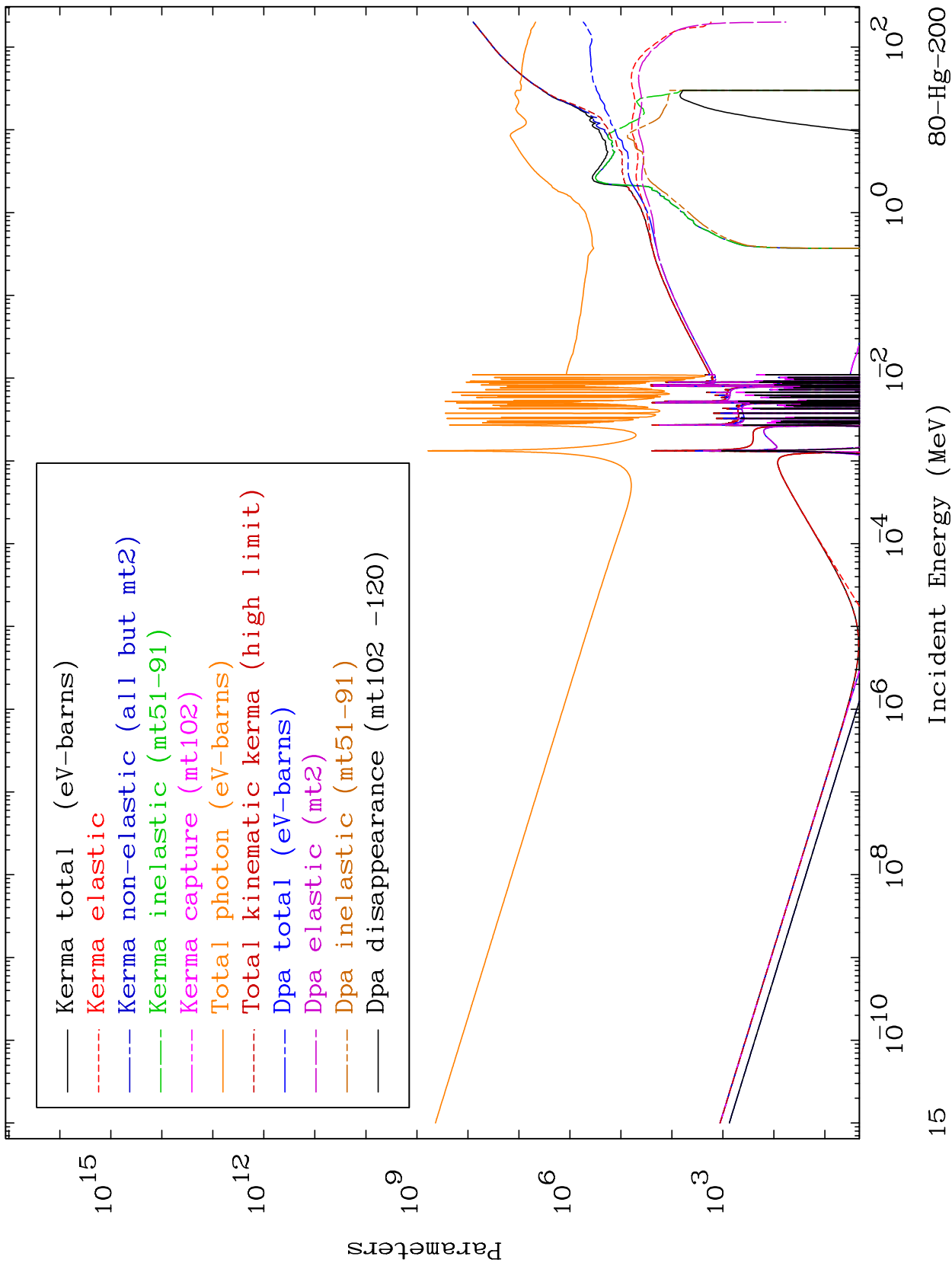


13

Incident Energy (MeV)

80-Hg-200

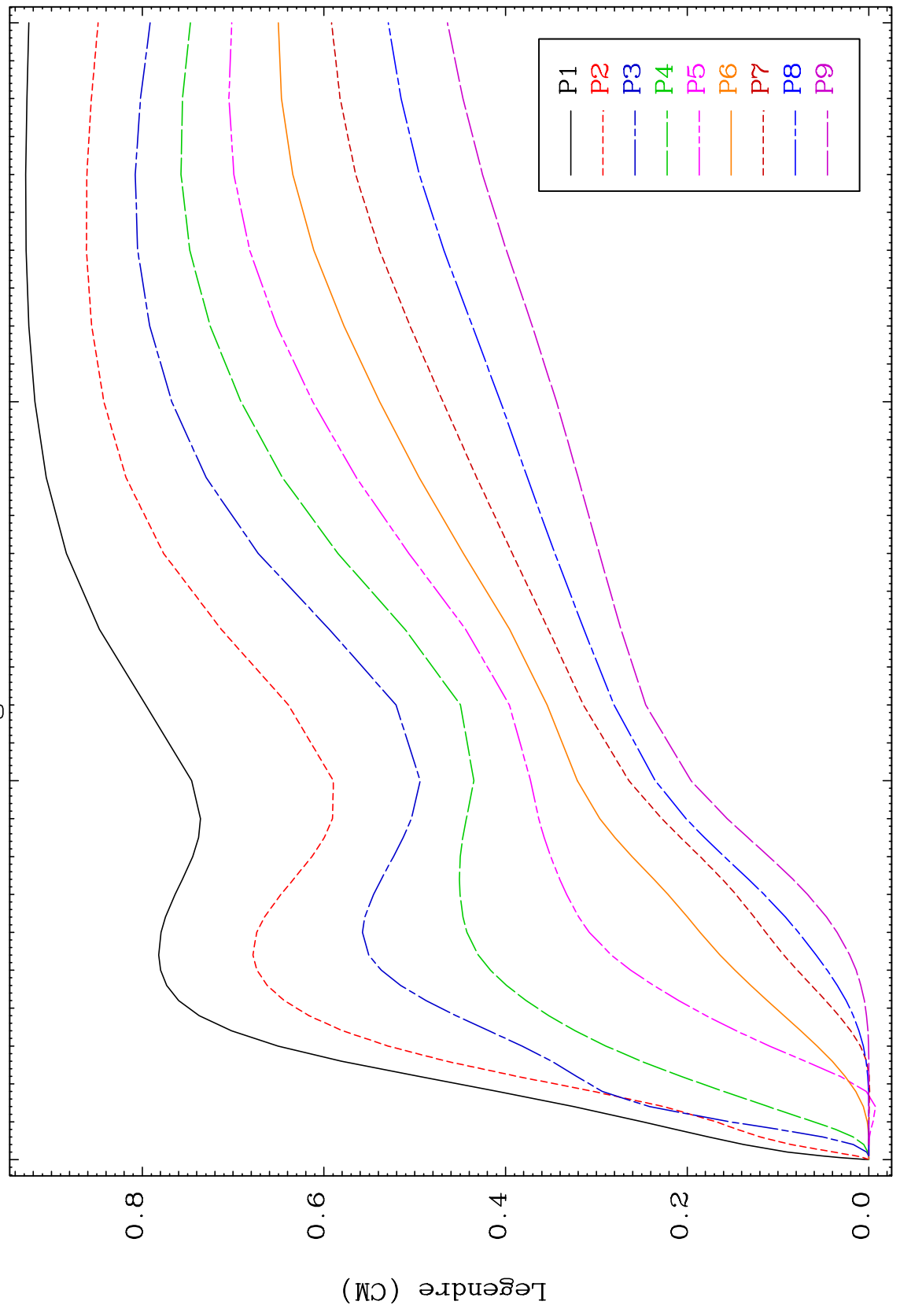




MAT 8037

Elastic Legendre Coefficients

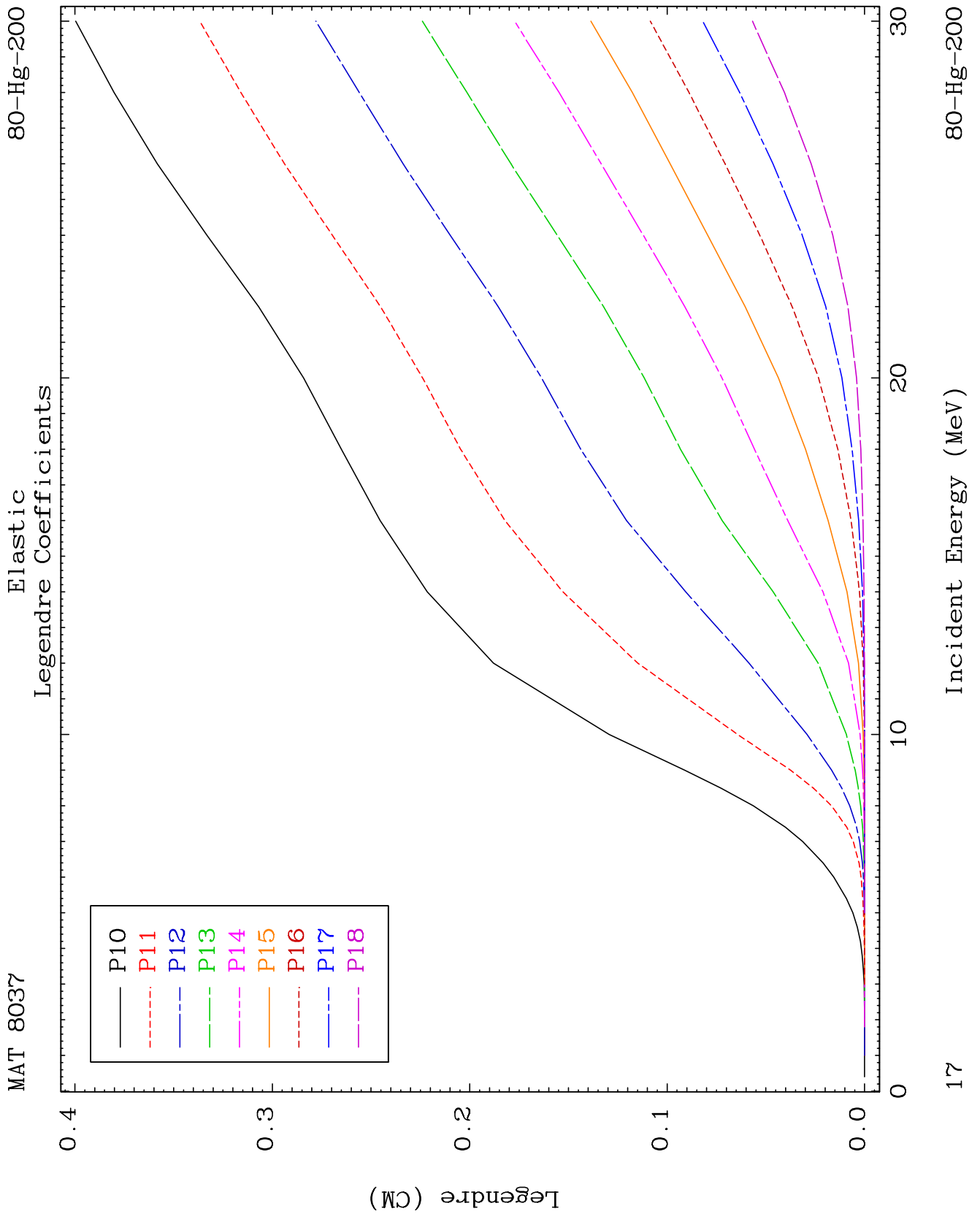
80-Hg-200



16

Incident Energy (MeV)

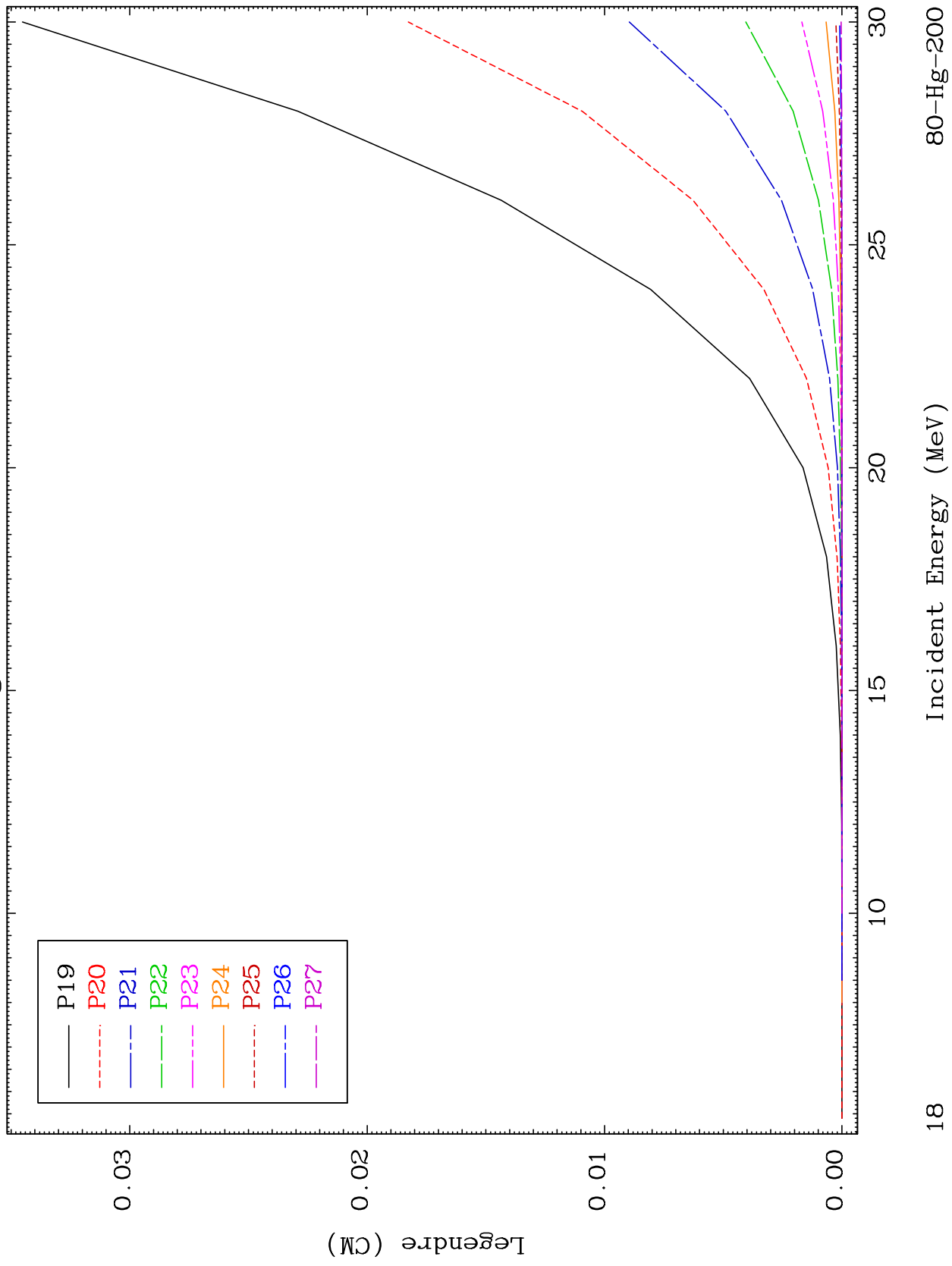
80-Hg-200



MAT 8037

Elastic Legendre Coefficients

80-Hg-200



18

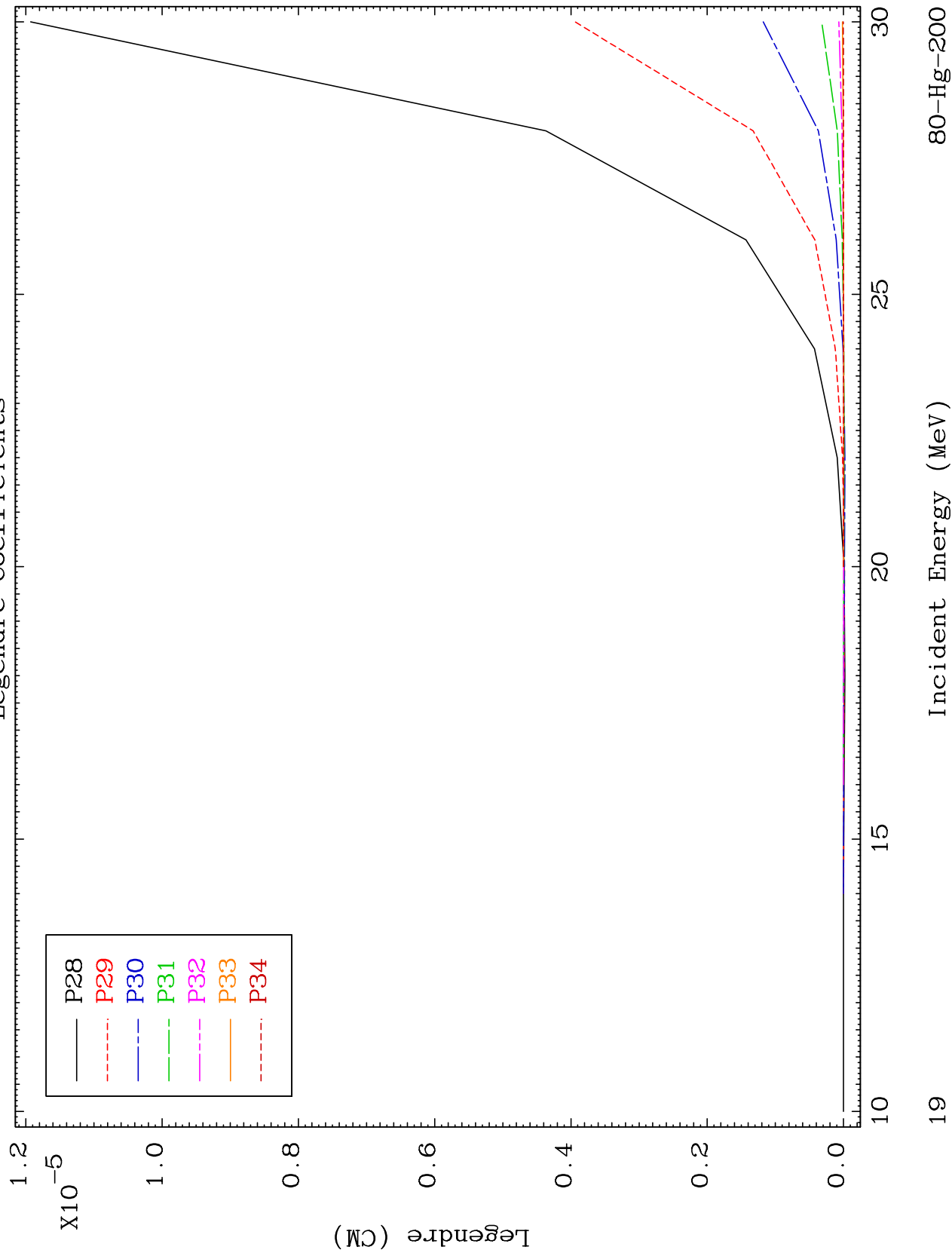
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic
Legendre Coefficients

80-Hg-200



19

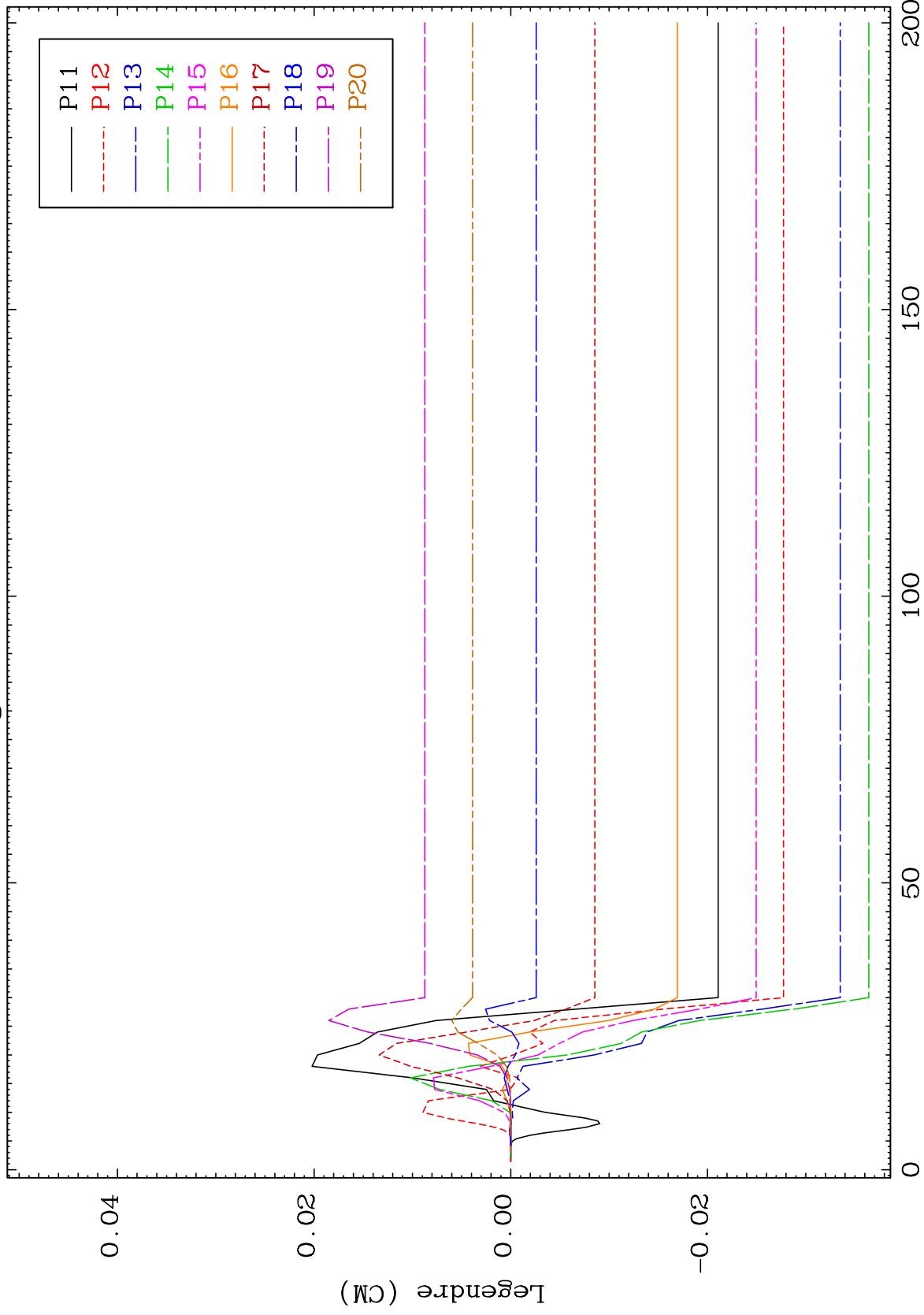
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



21

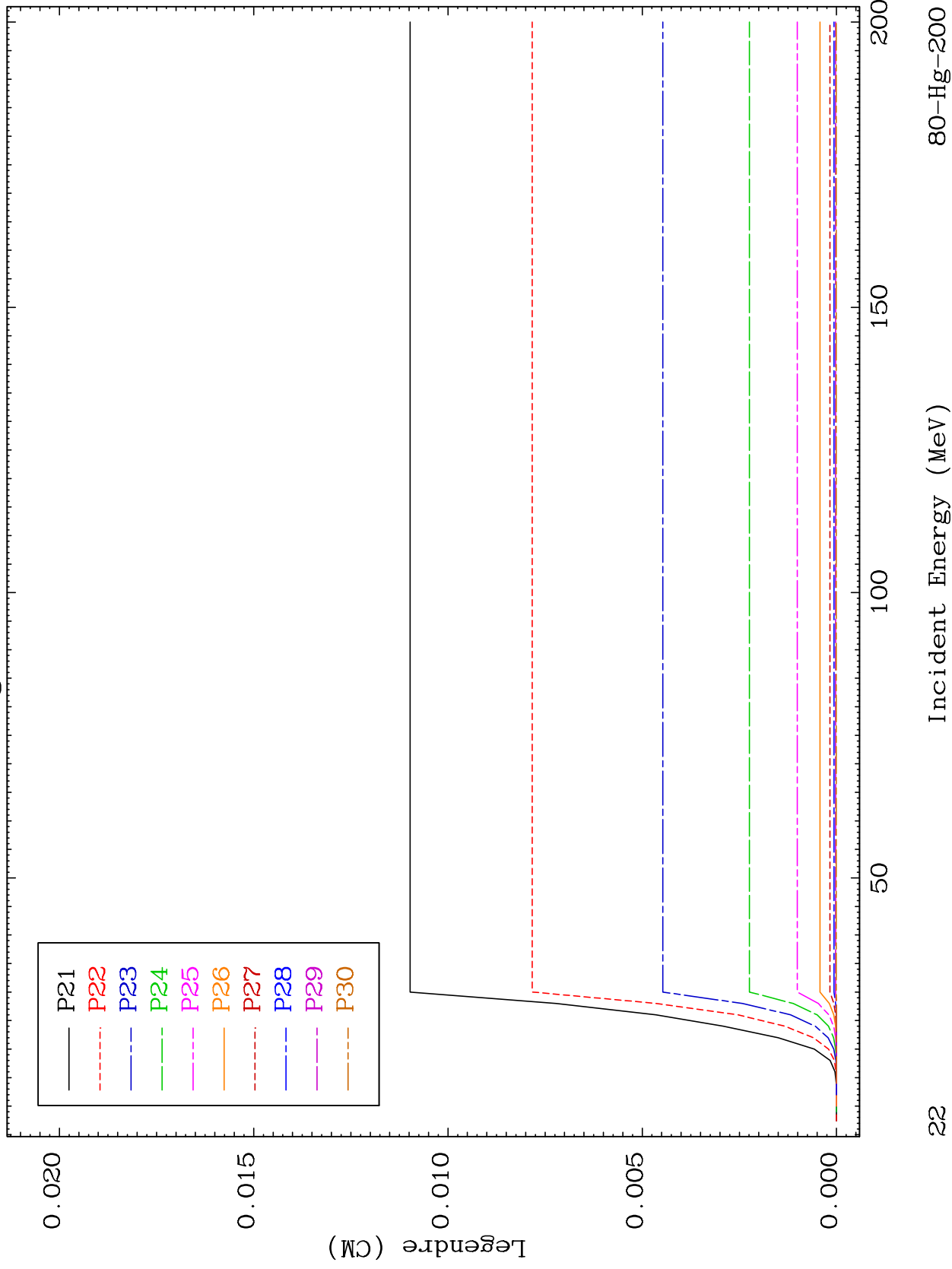
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

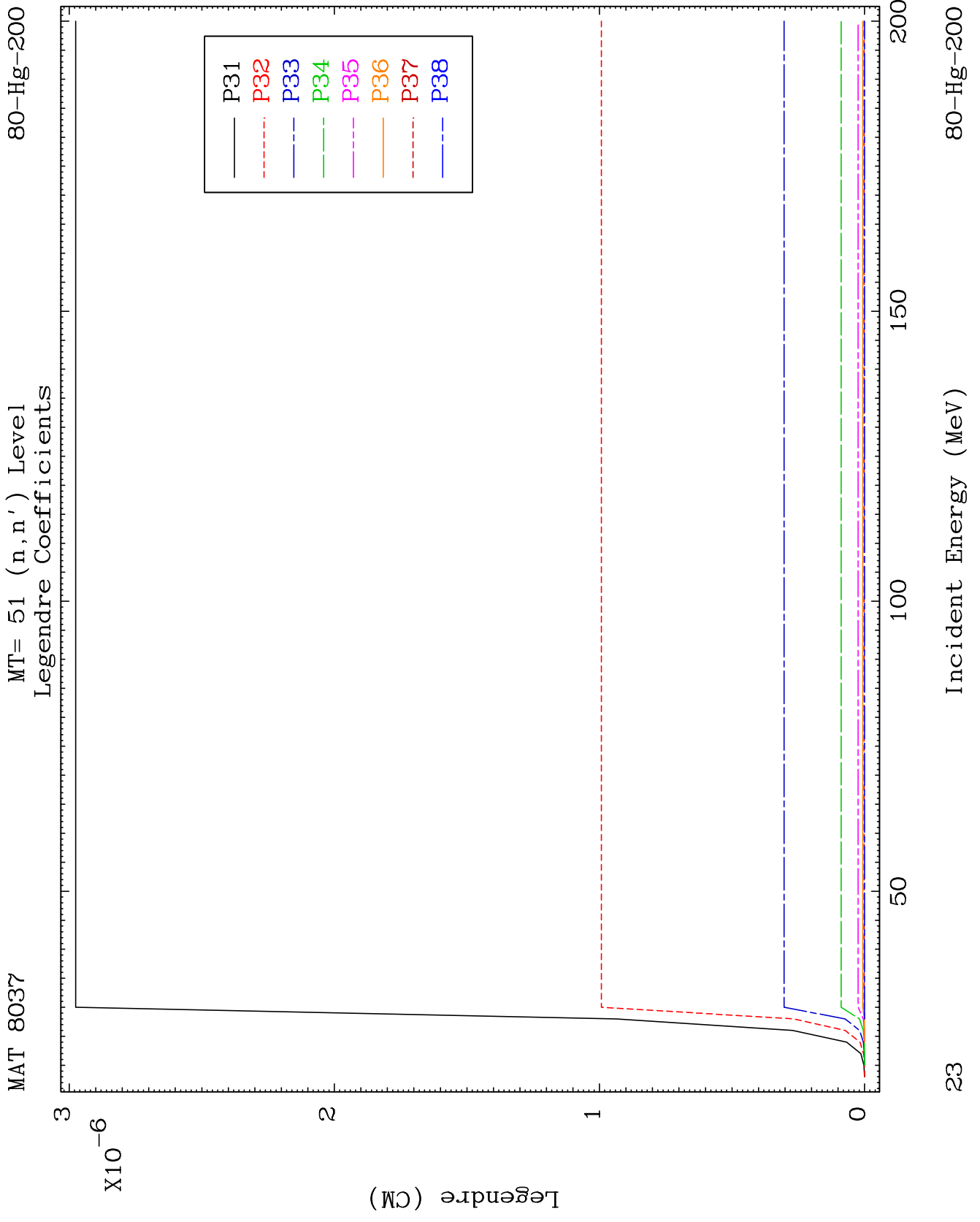
80-Hg-200



22

Incident Energy (MeV)

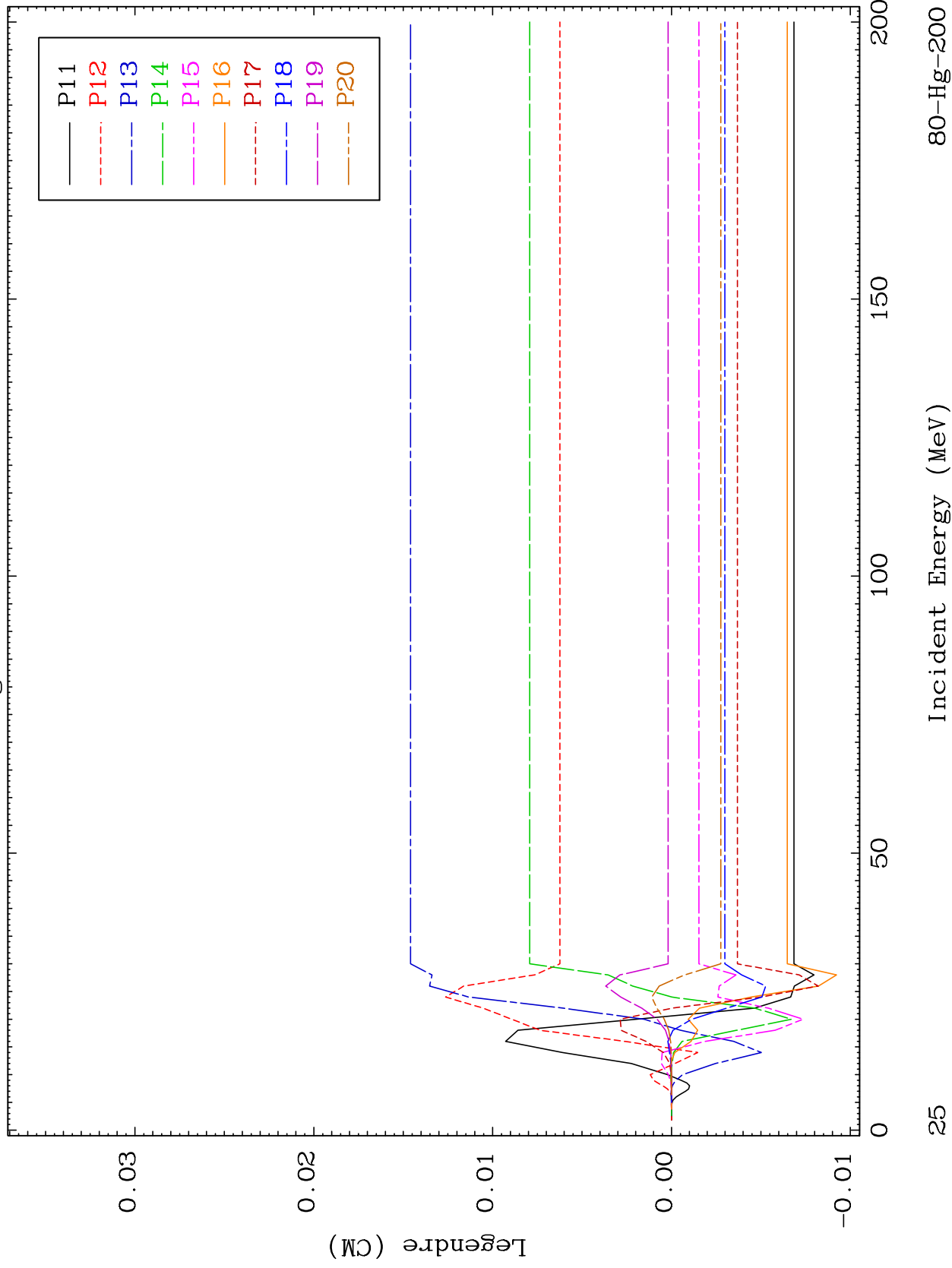
80-Hg-200



MAT 8037

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

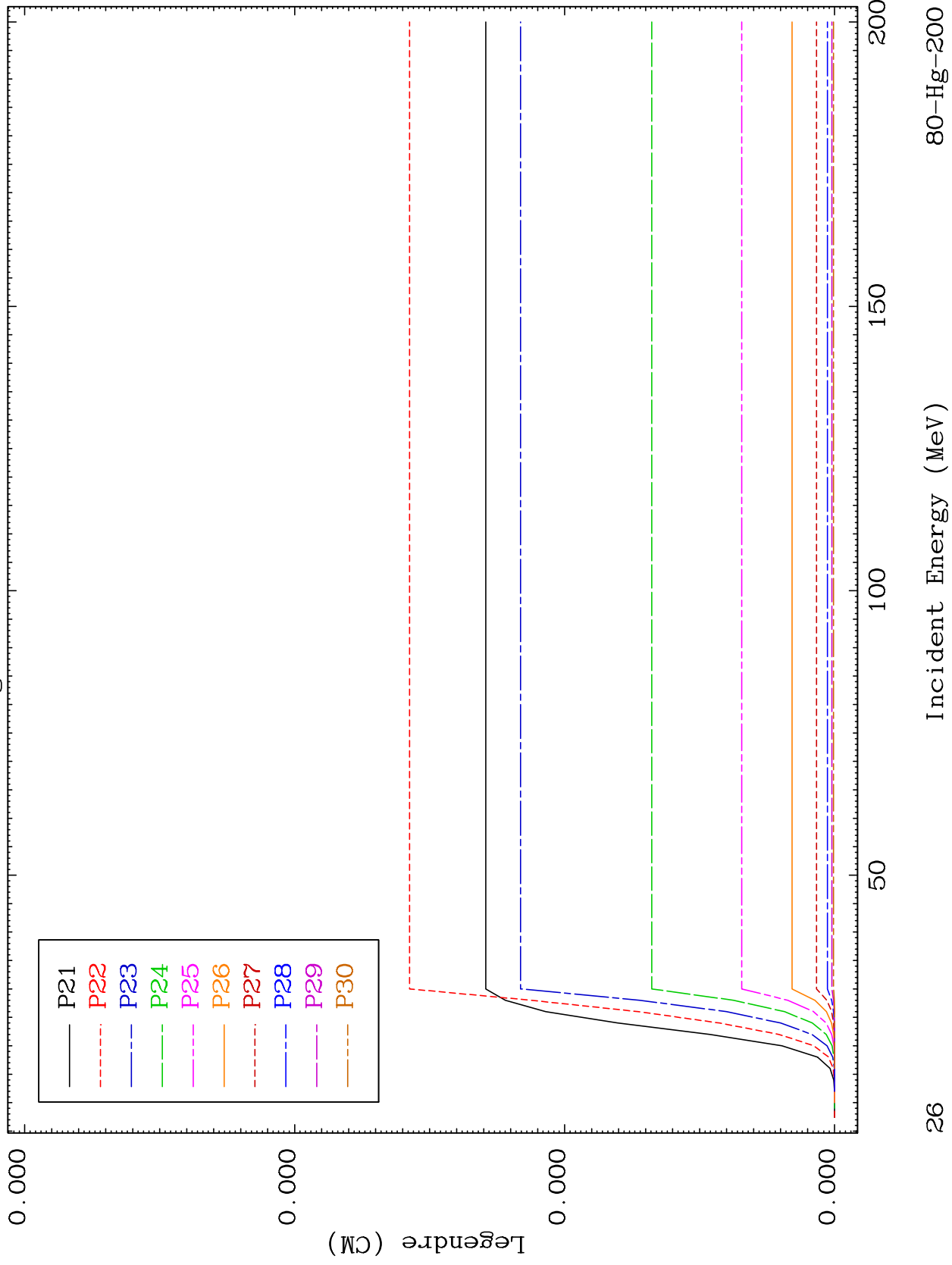
80-Hg-200



MAT 8037

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

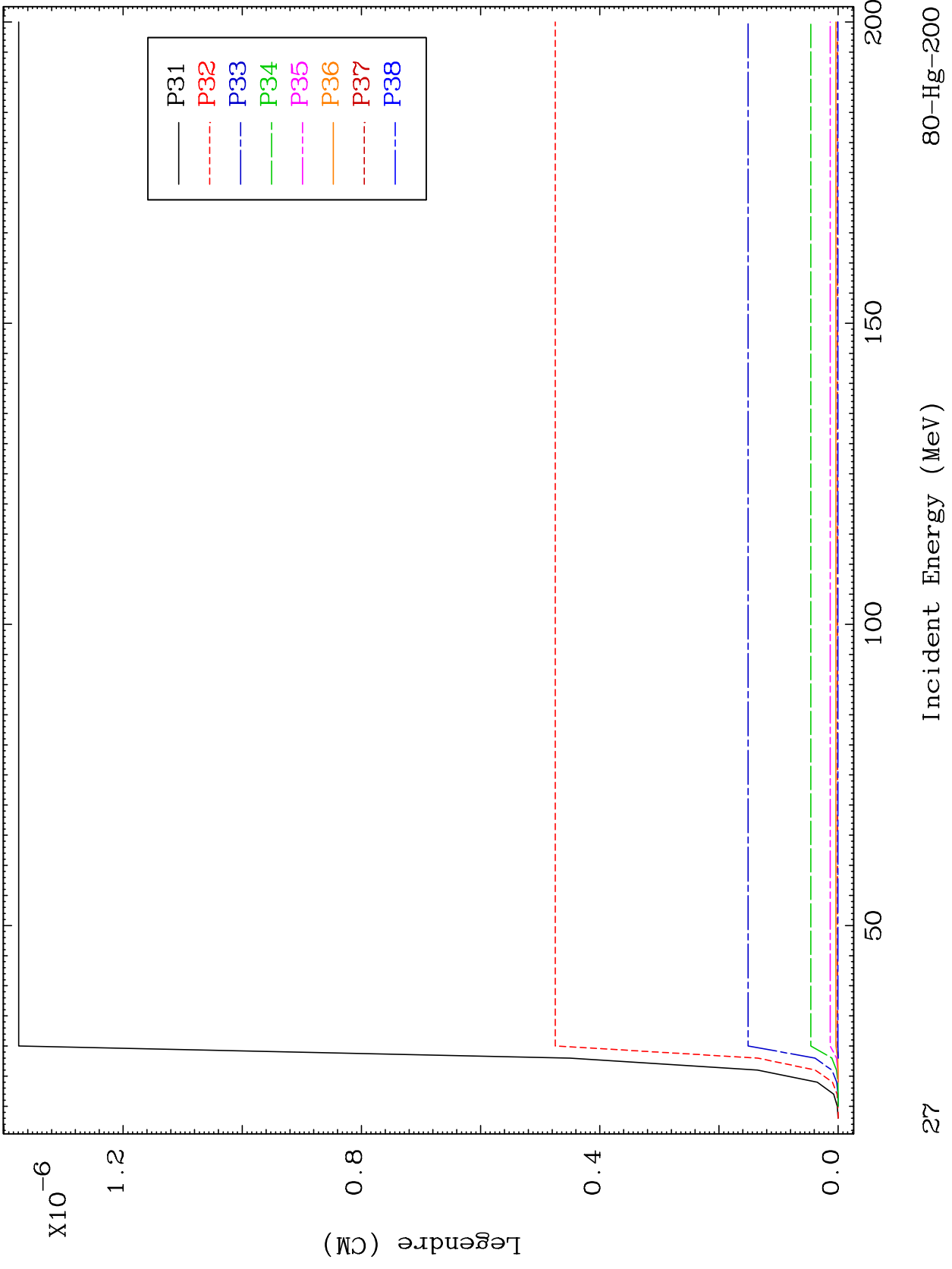
80-Hg-200

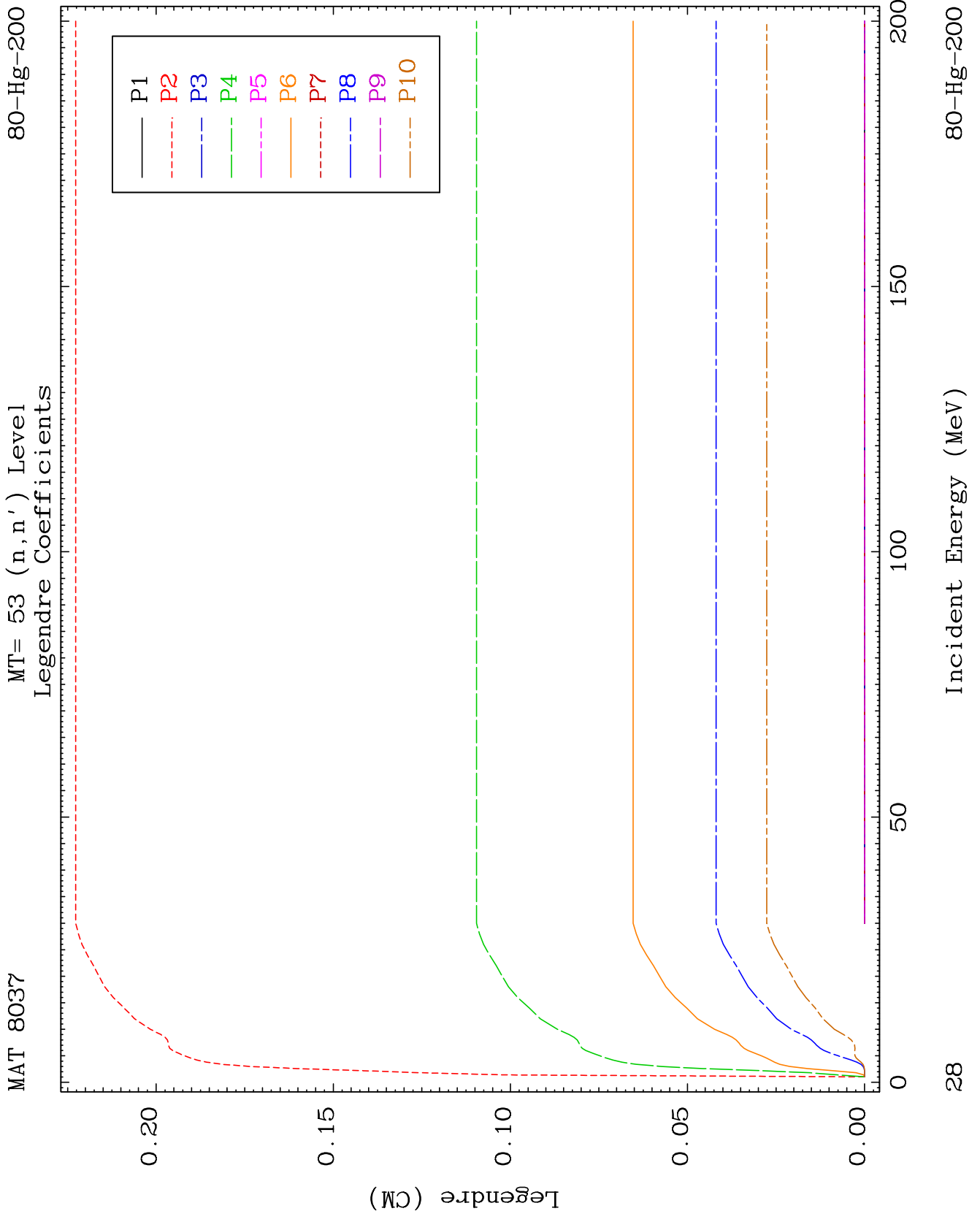


MAT 8037

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

80-Hg-200

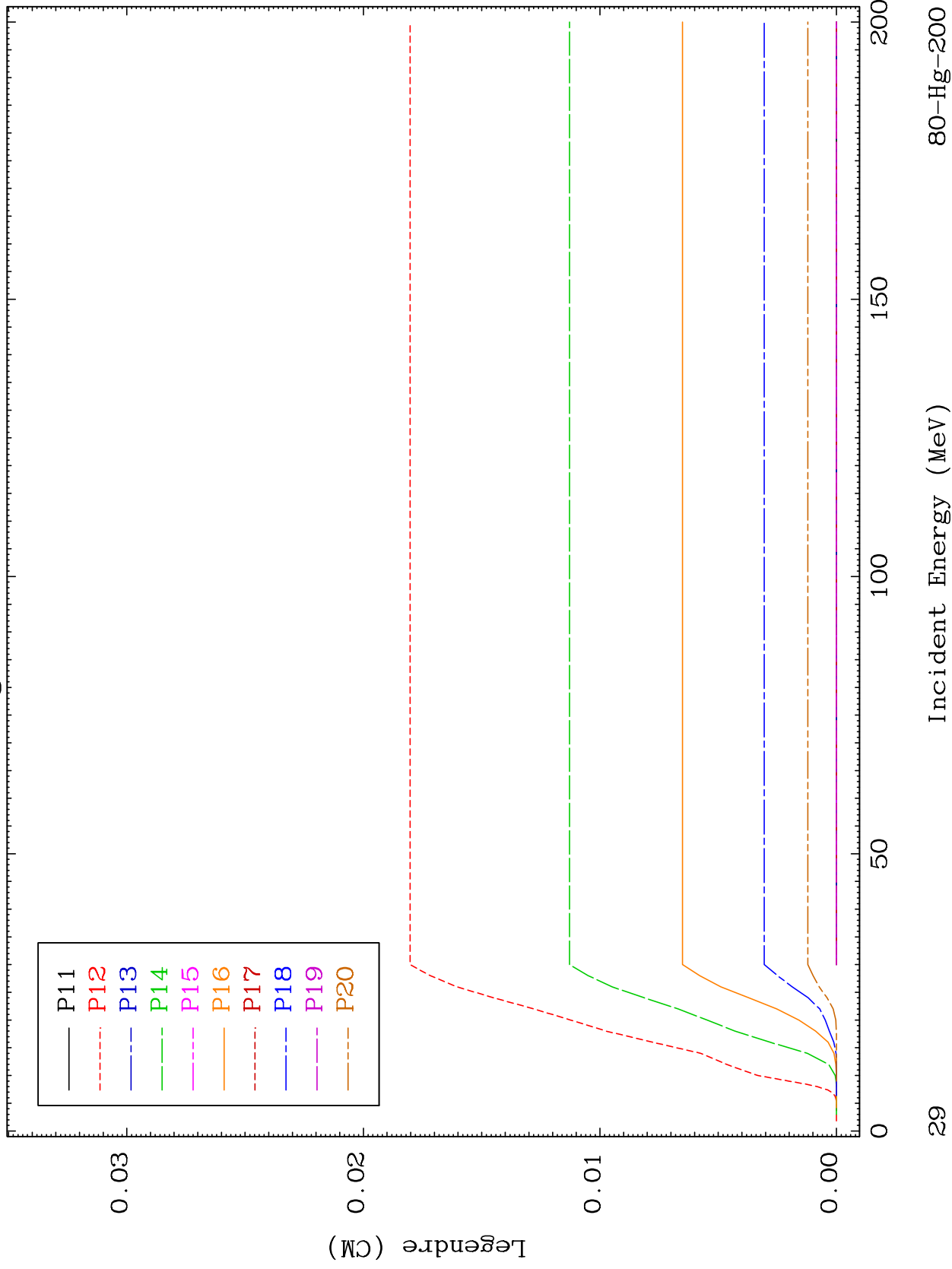


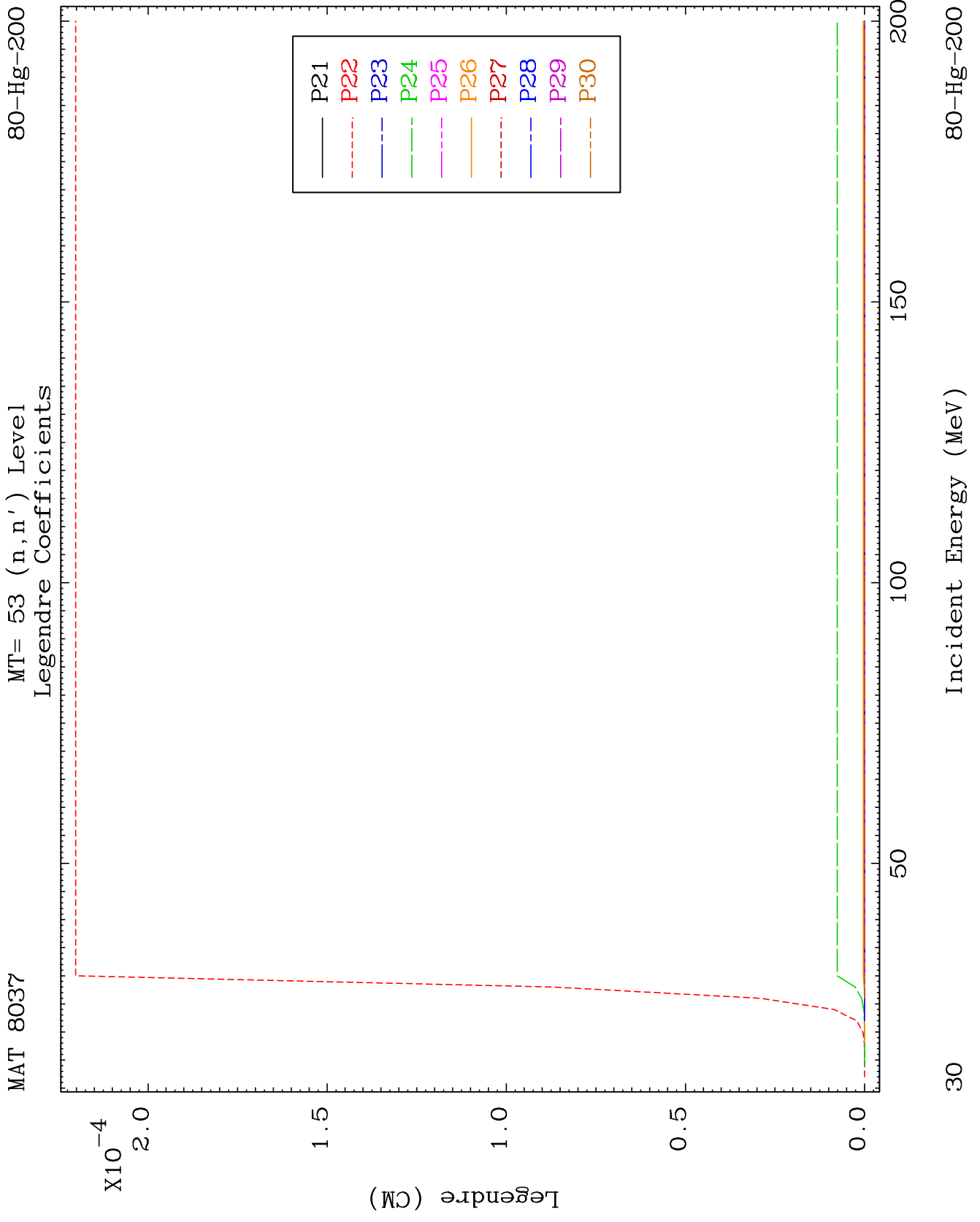


MAT 8037

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

80-Hg-200

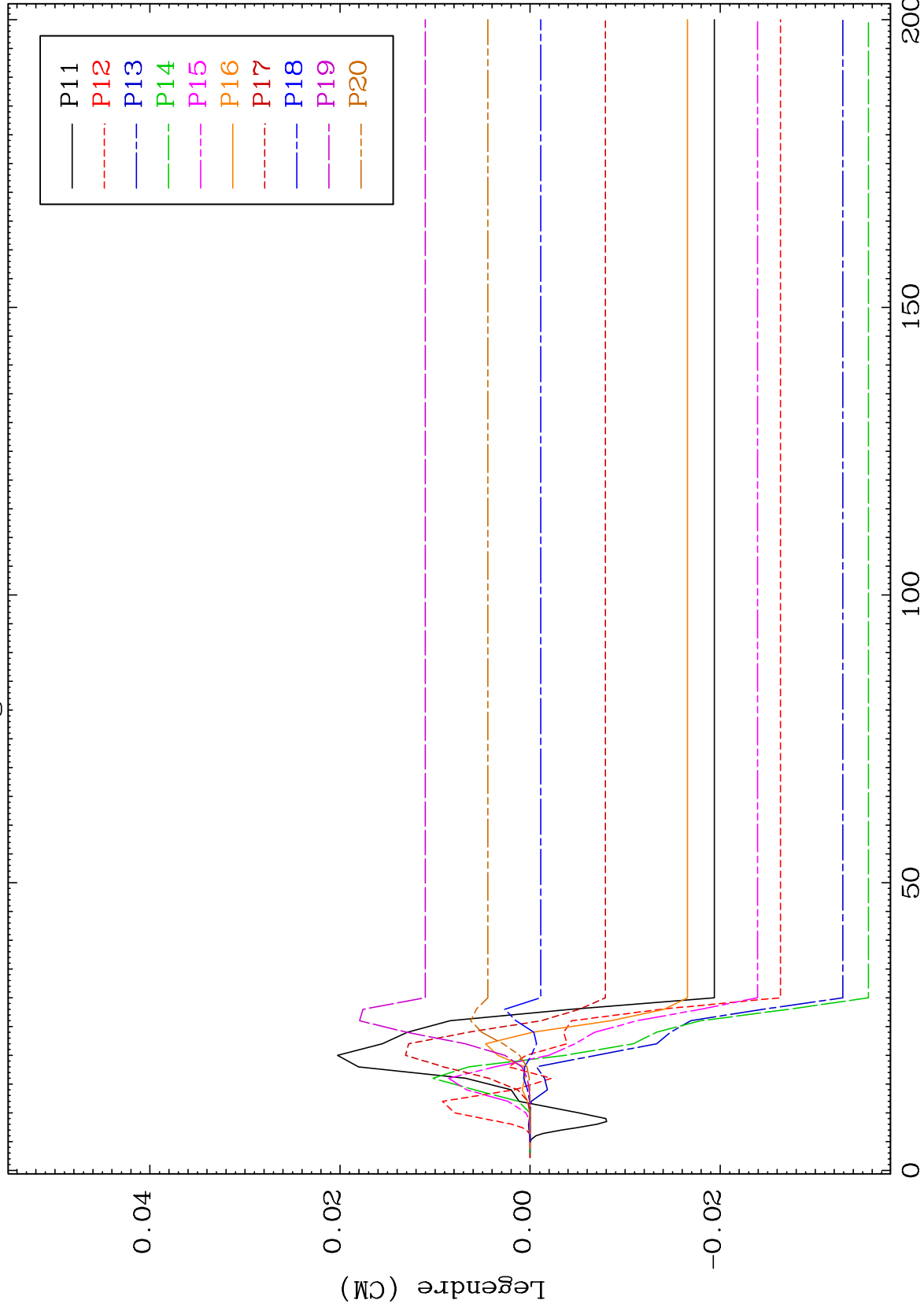




MAT 8037

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

80-Hg-200



32

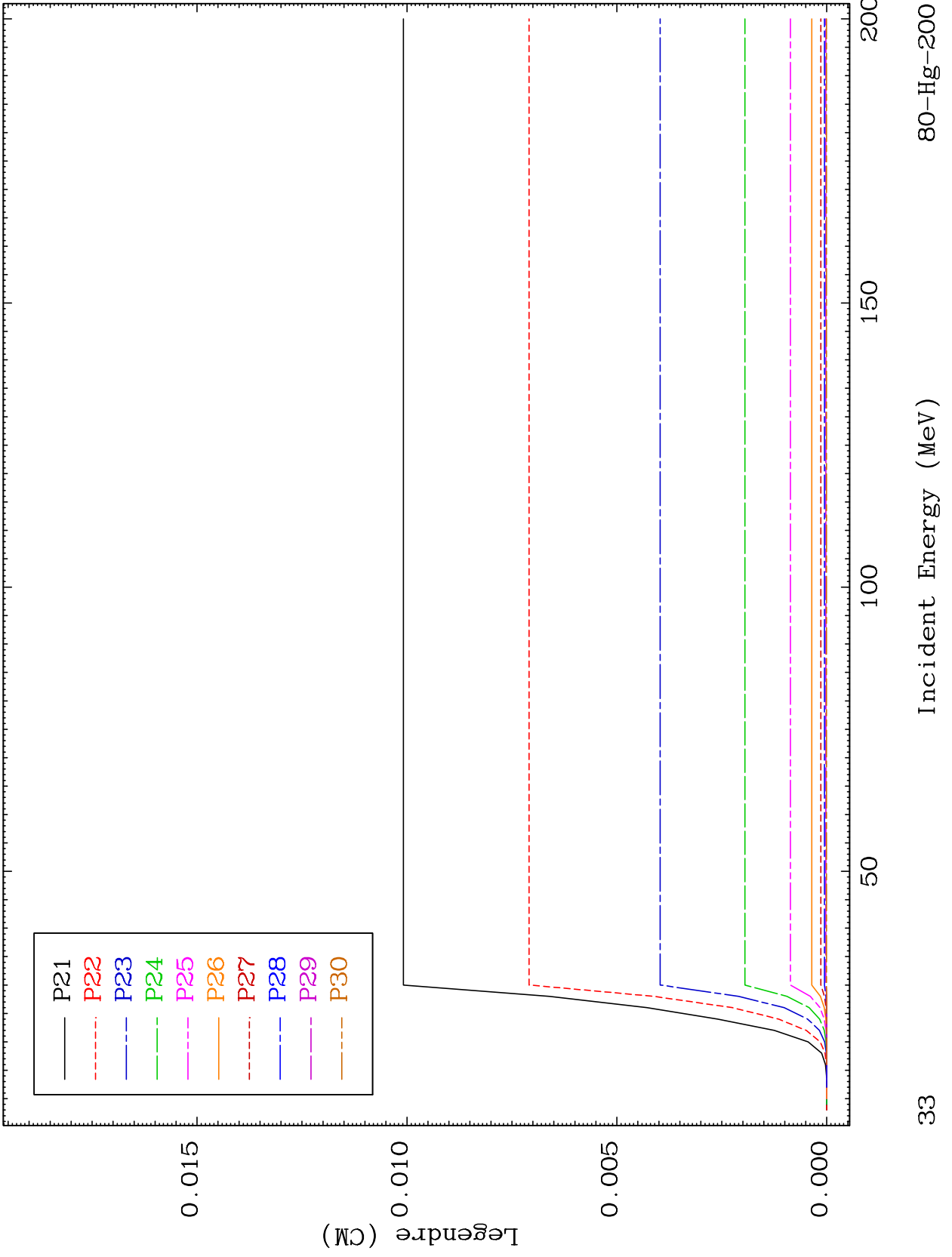
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

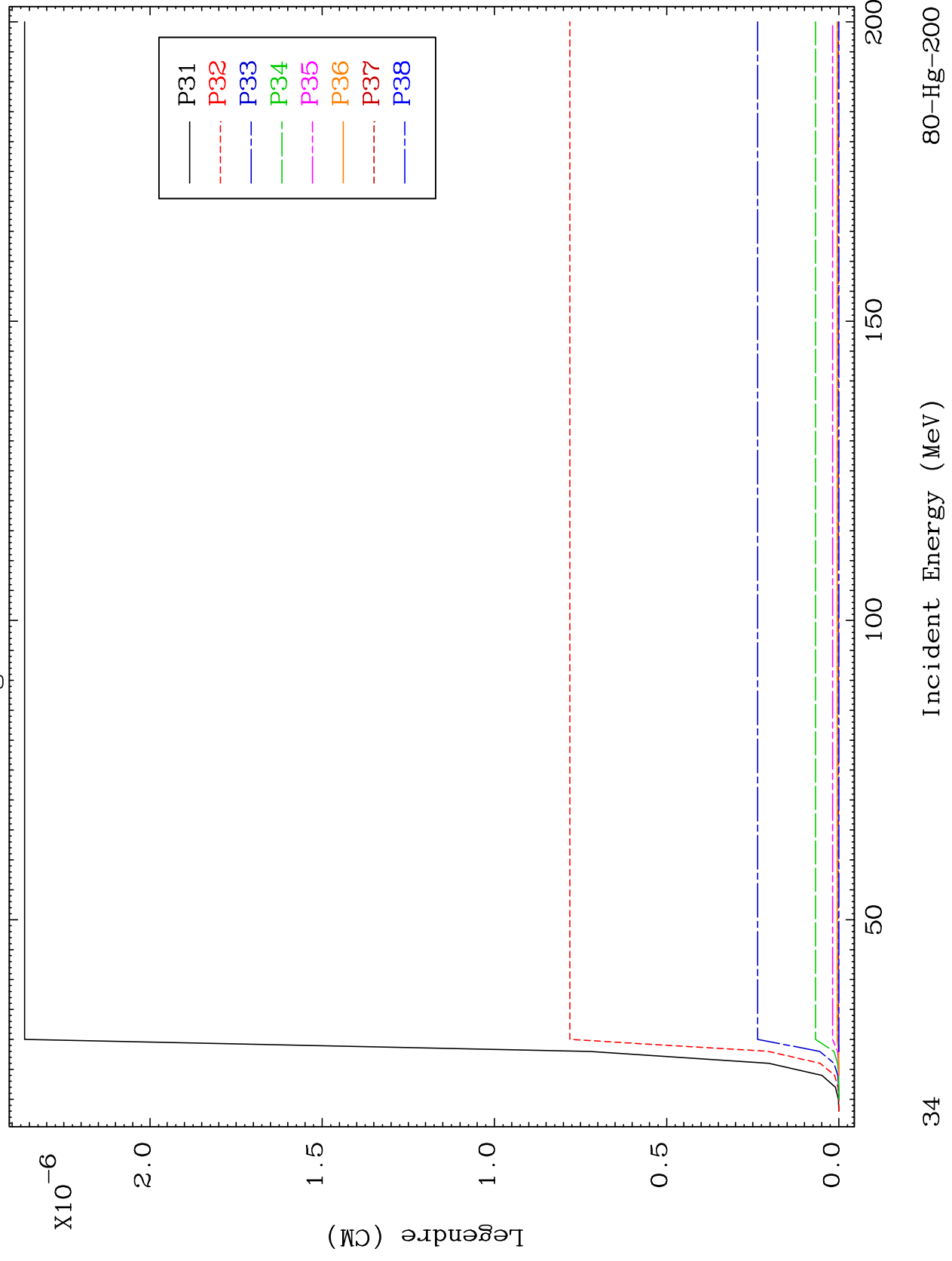
80-Hg-200



MAT 8037

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

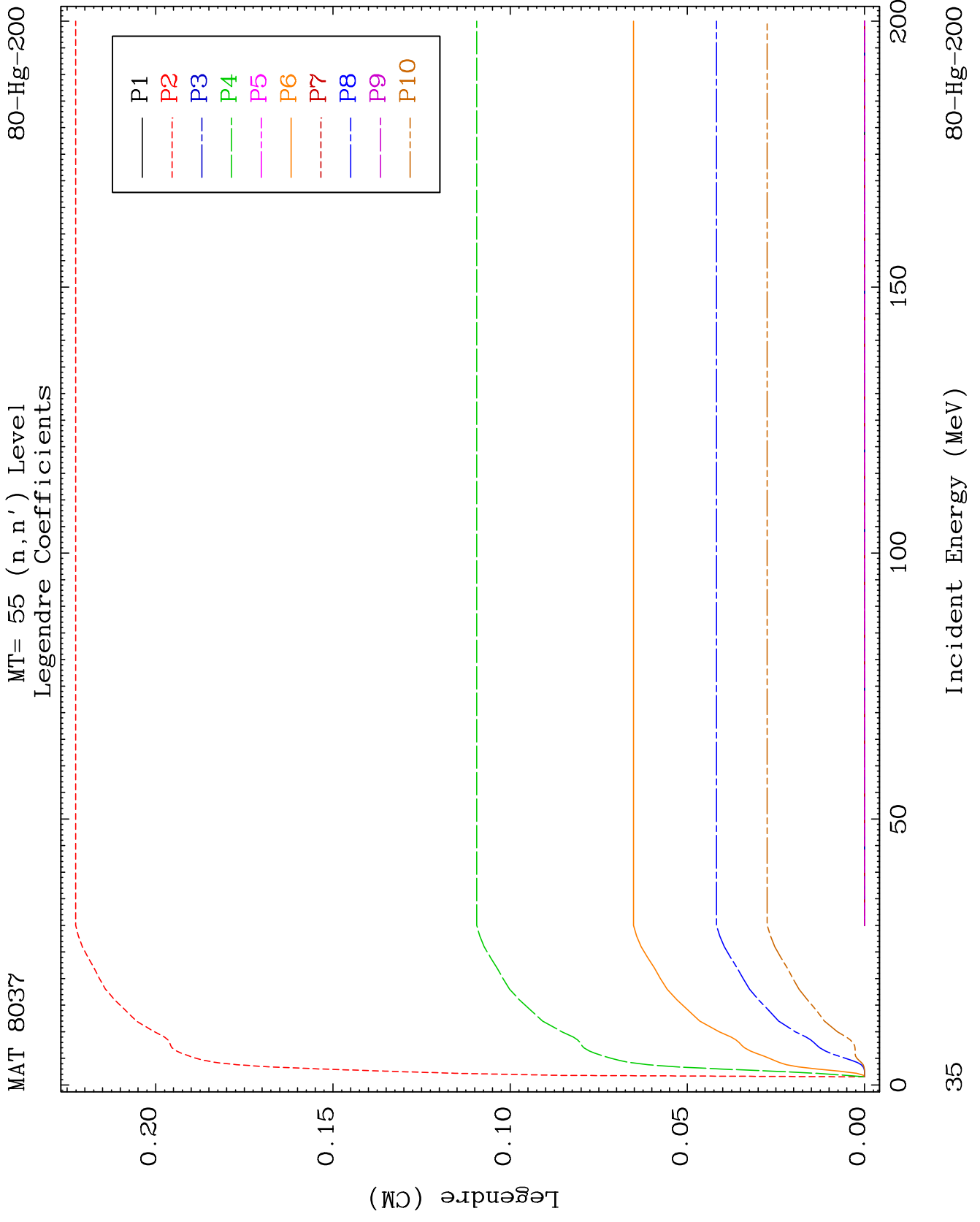
80-Hg-200



34

Incident Energy (MeV)

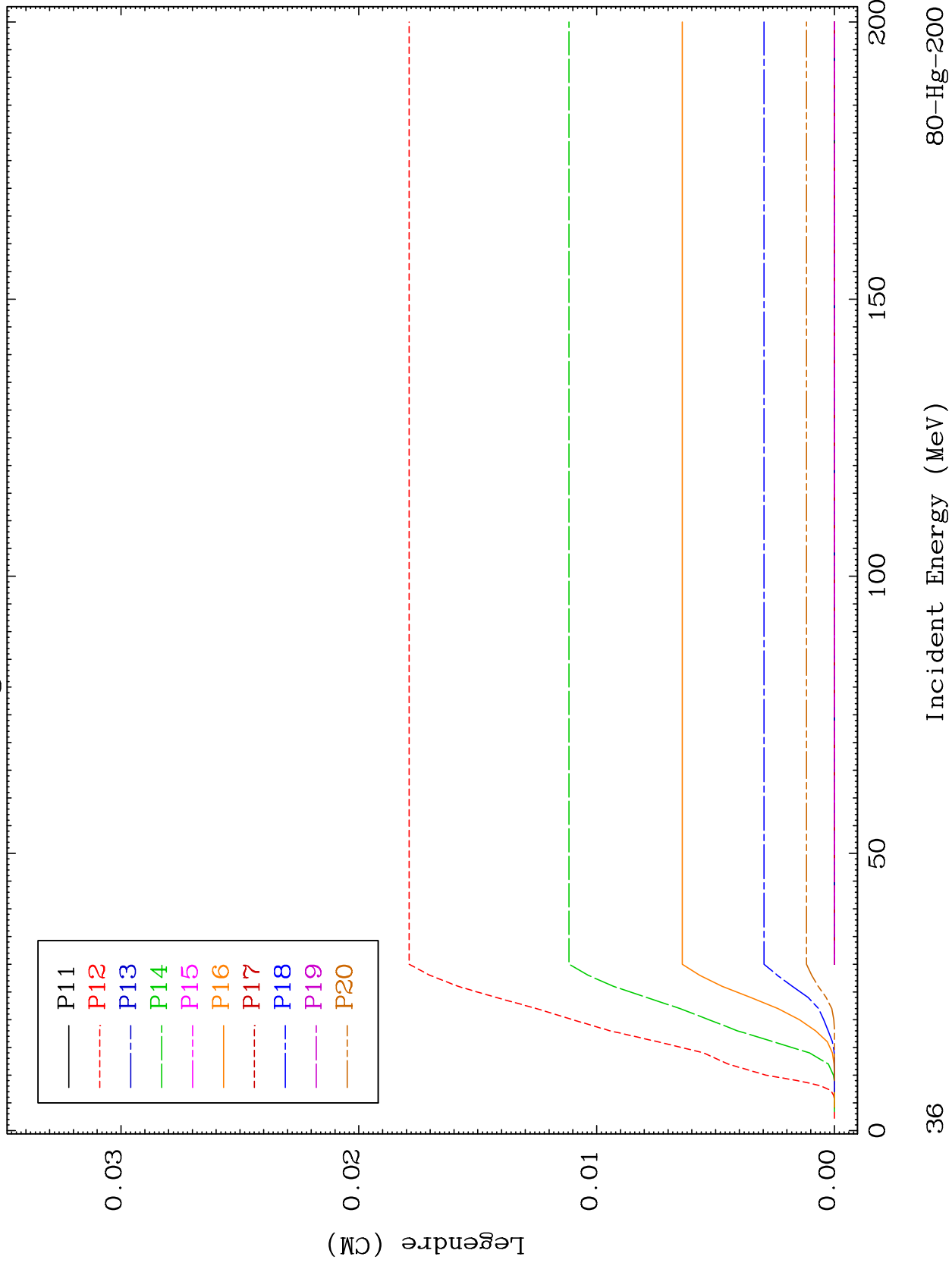
80-Hg-200



MAT 8037

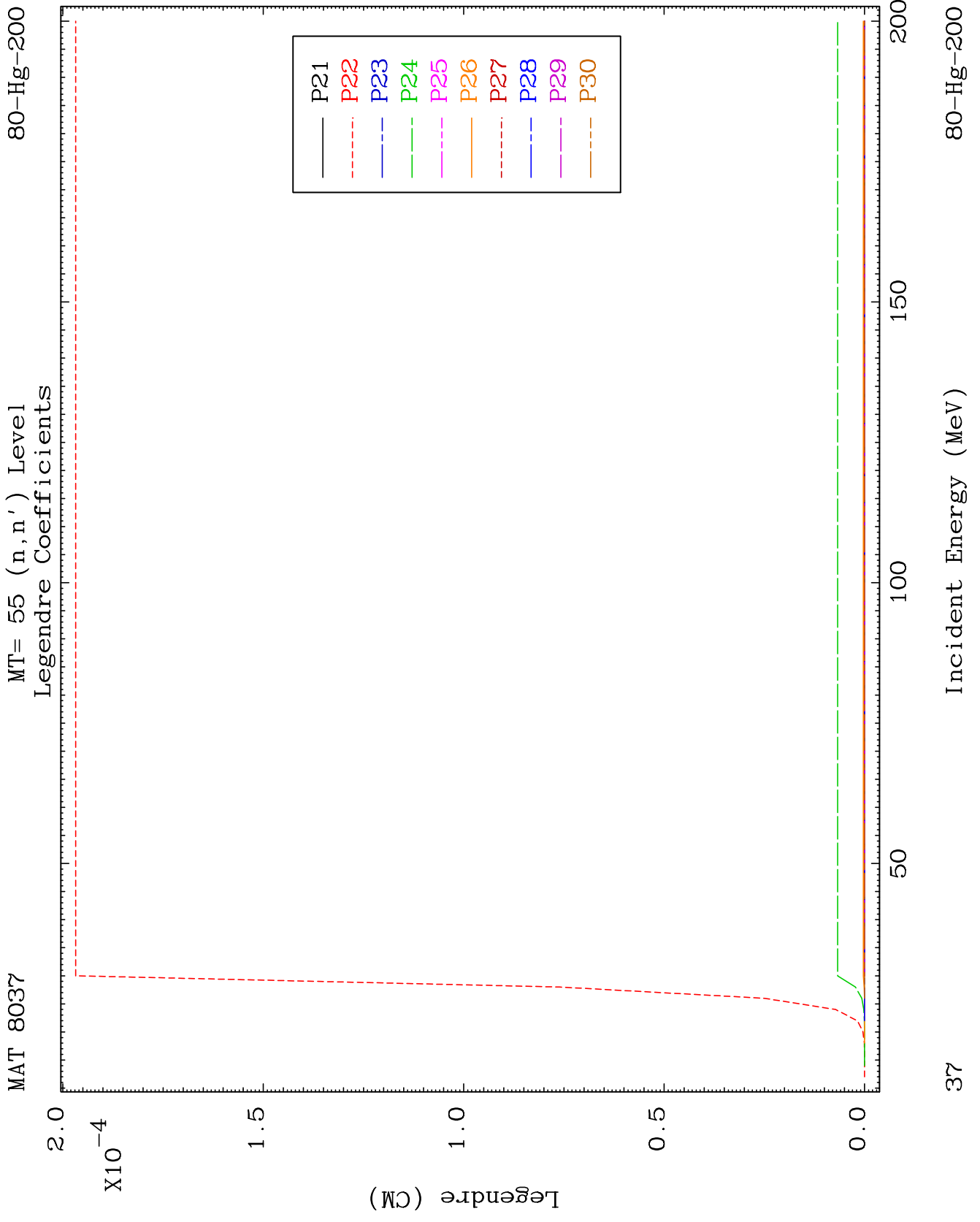
MT= 55 (n,n') Level
Legendre Coefficients

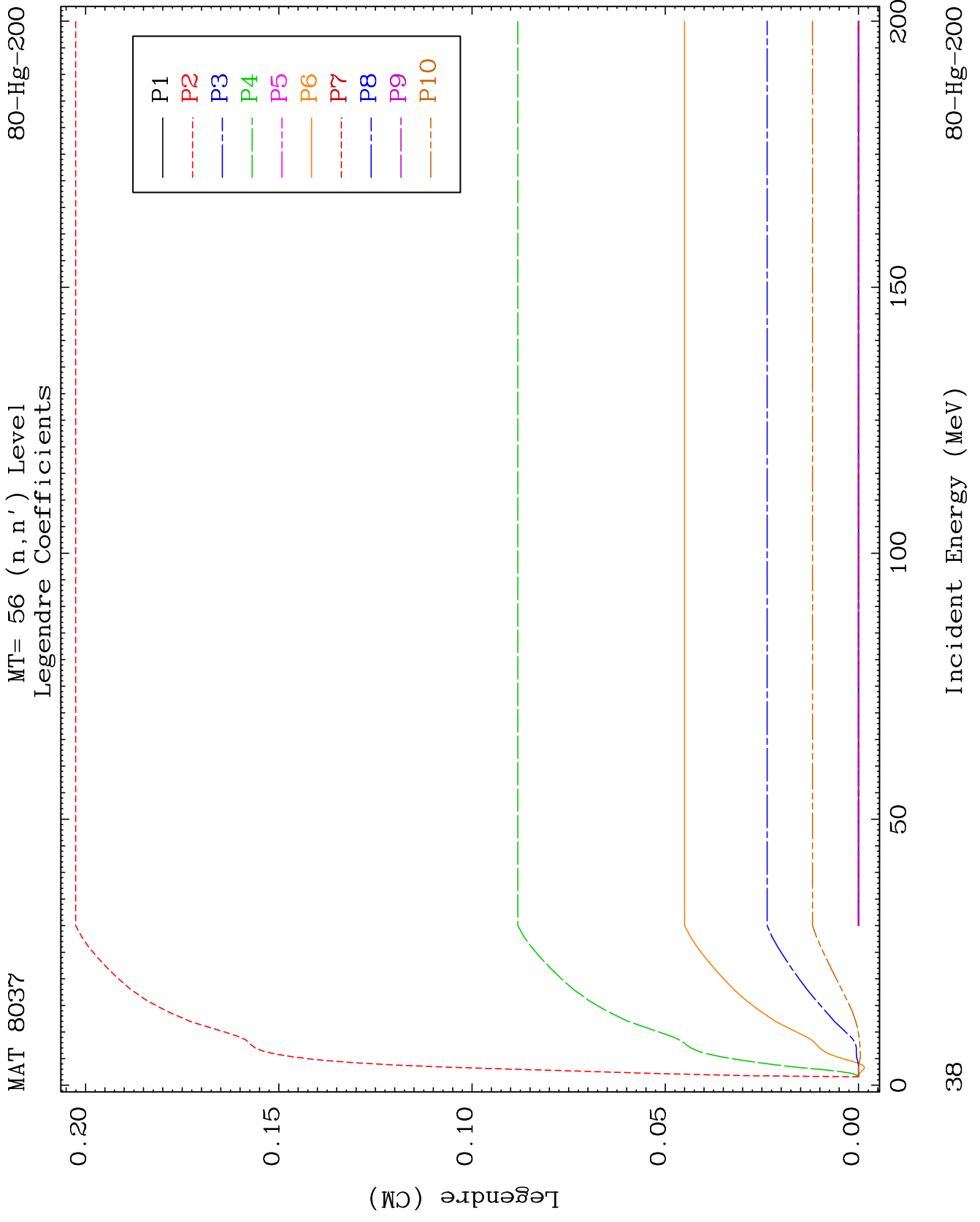
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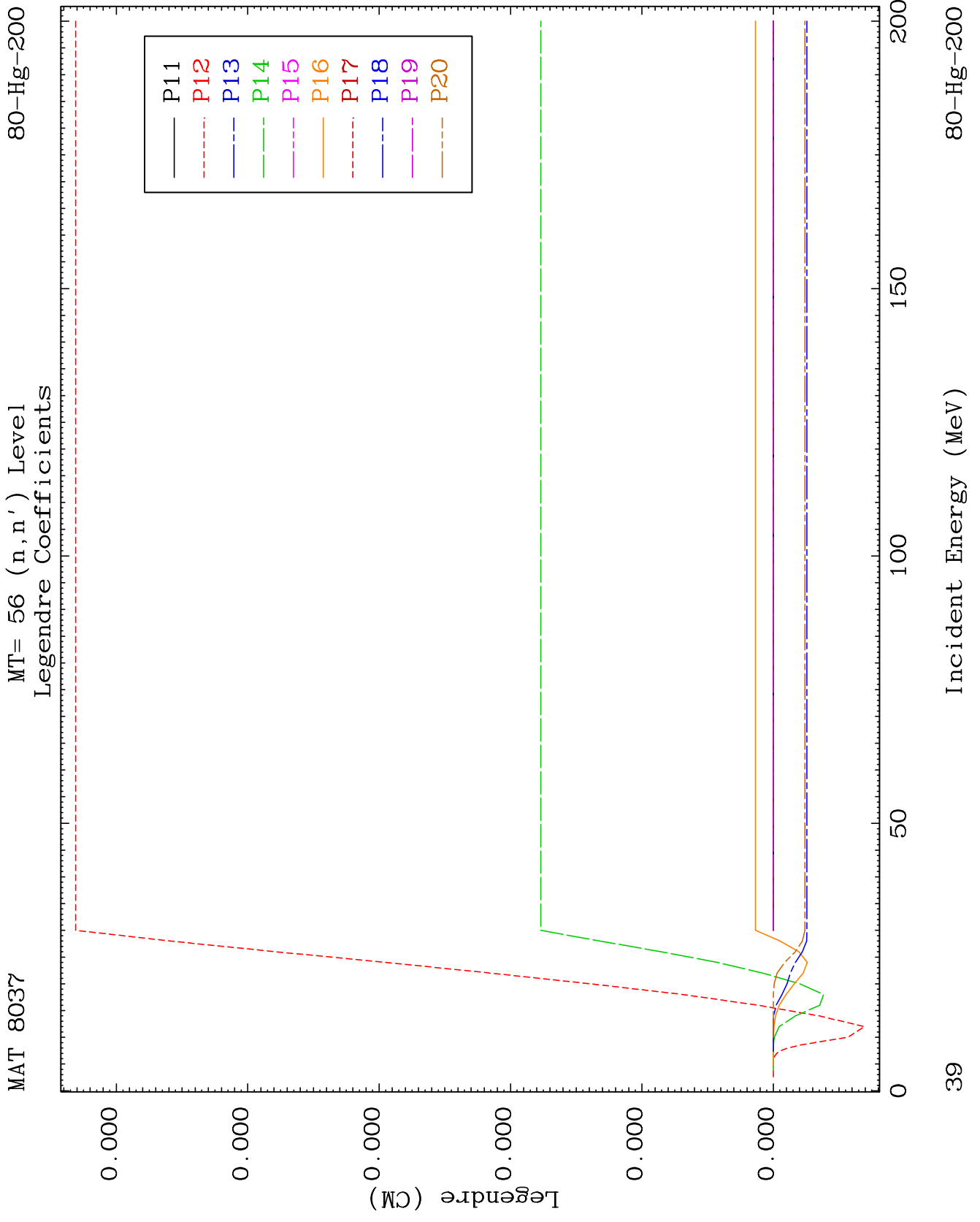


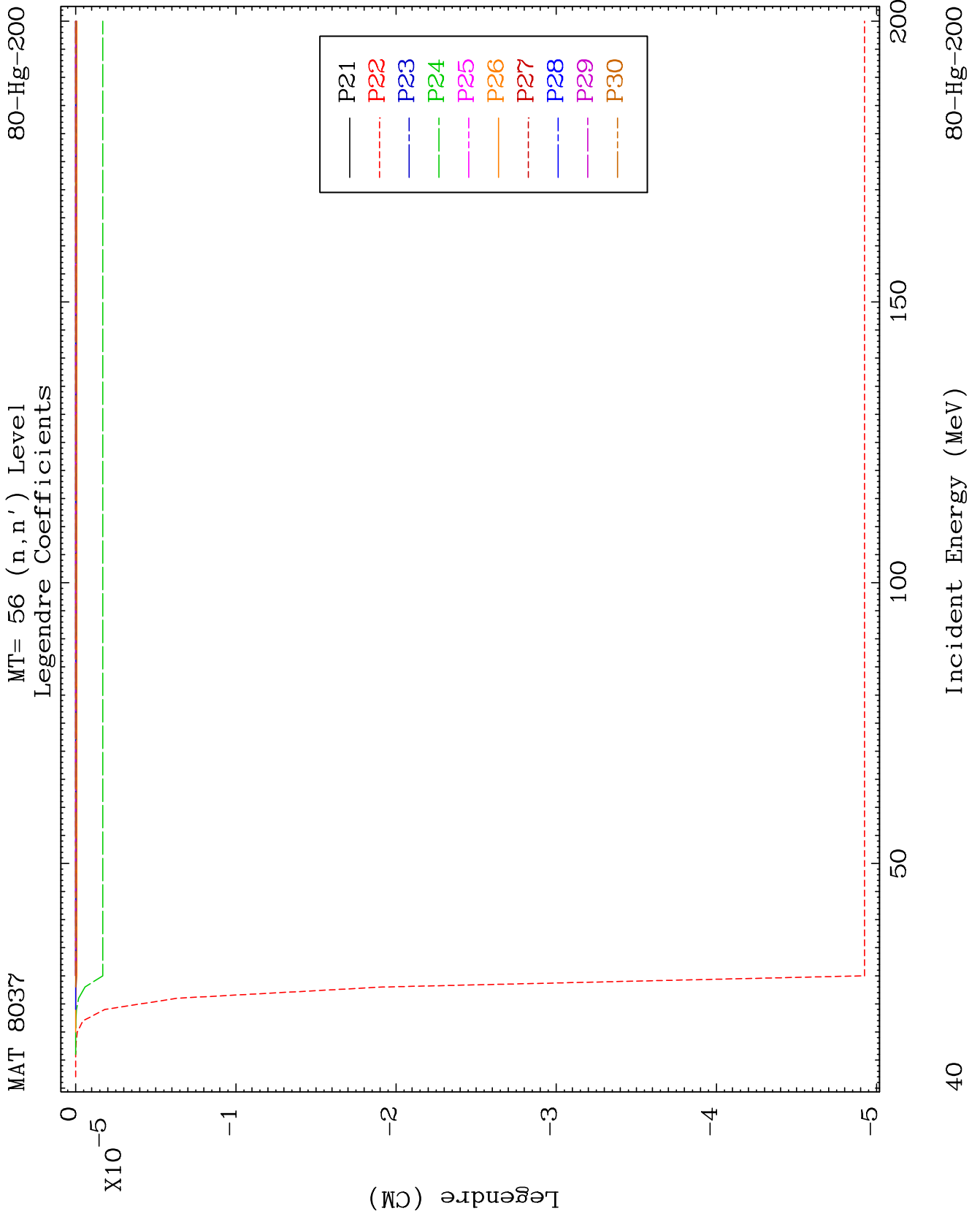
36

80-Hg-200





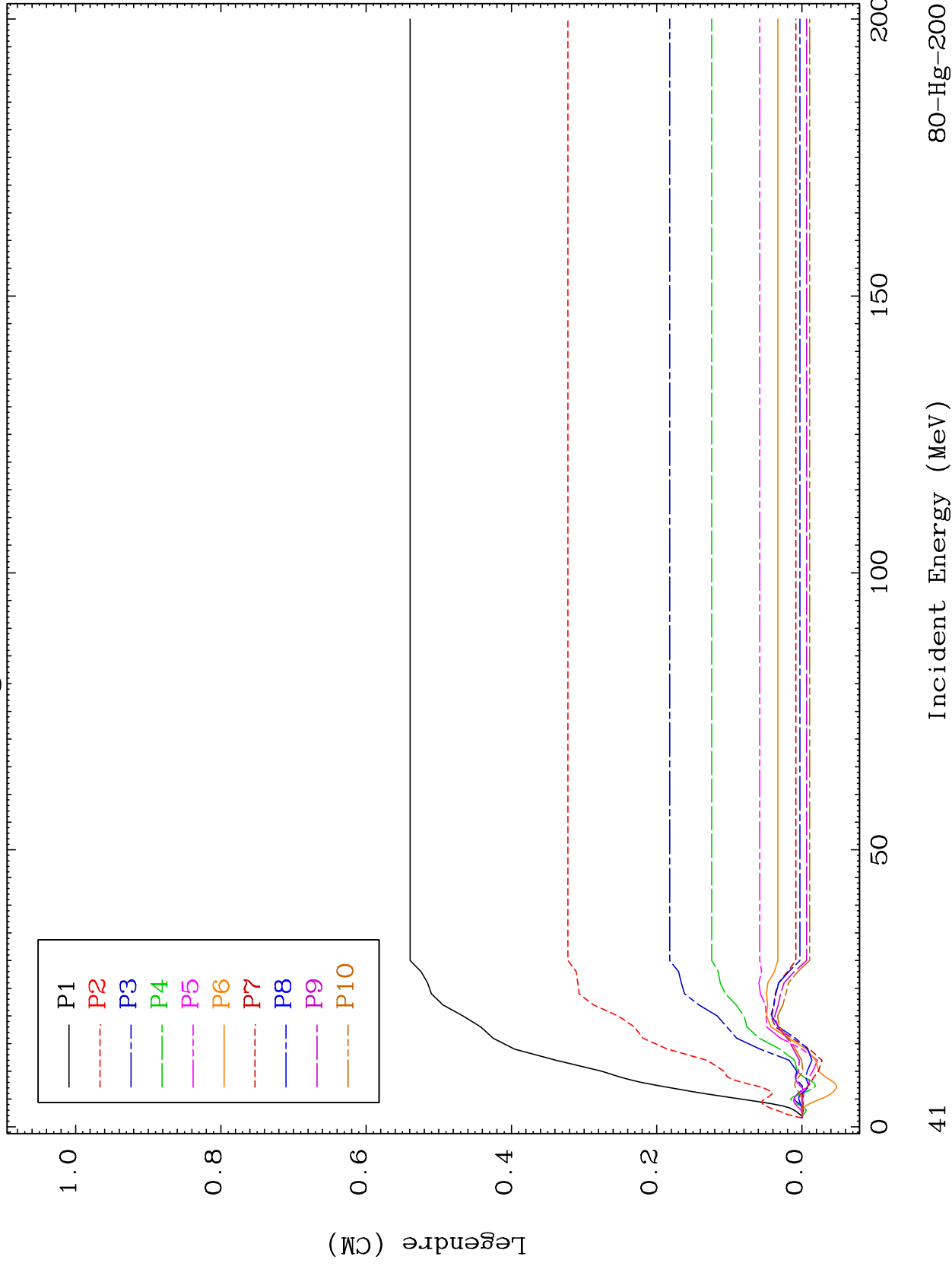




MAT 8037

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

80-Hg-200



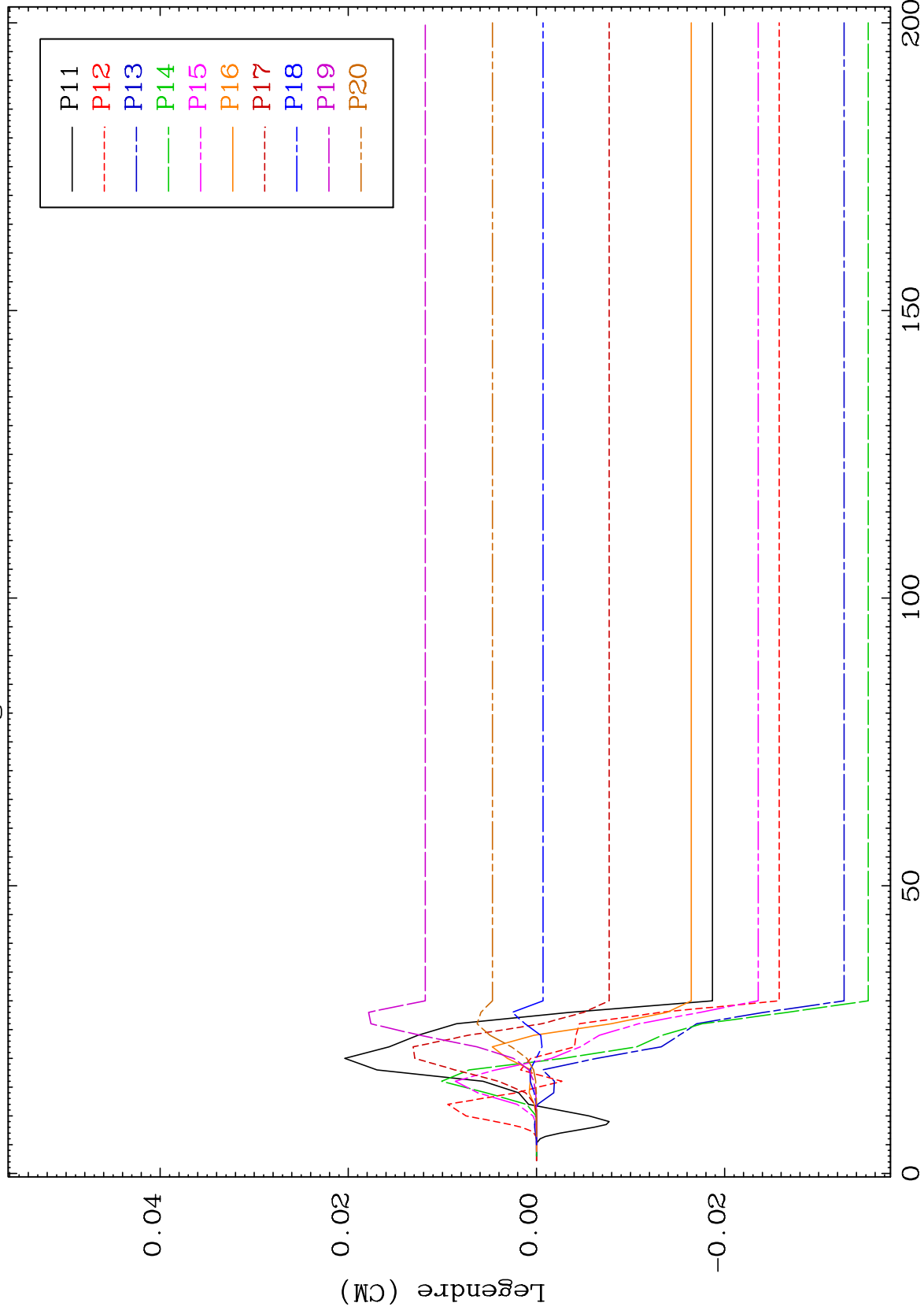
41

80-Hg-200

MAT 8037

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

80-Hg-200



42

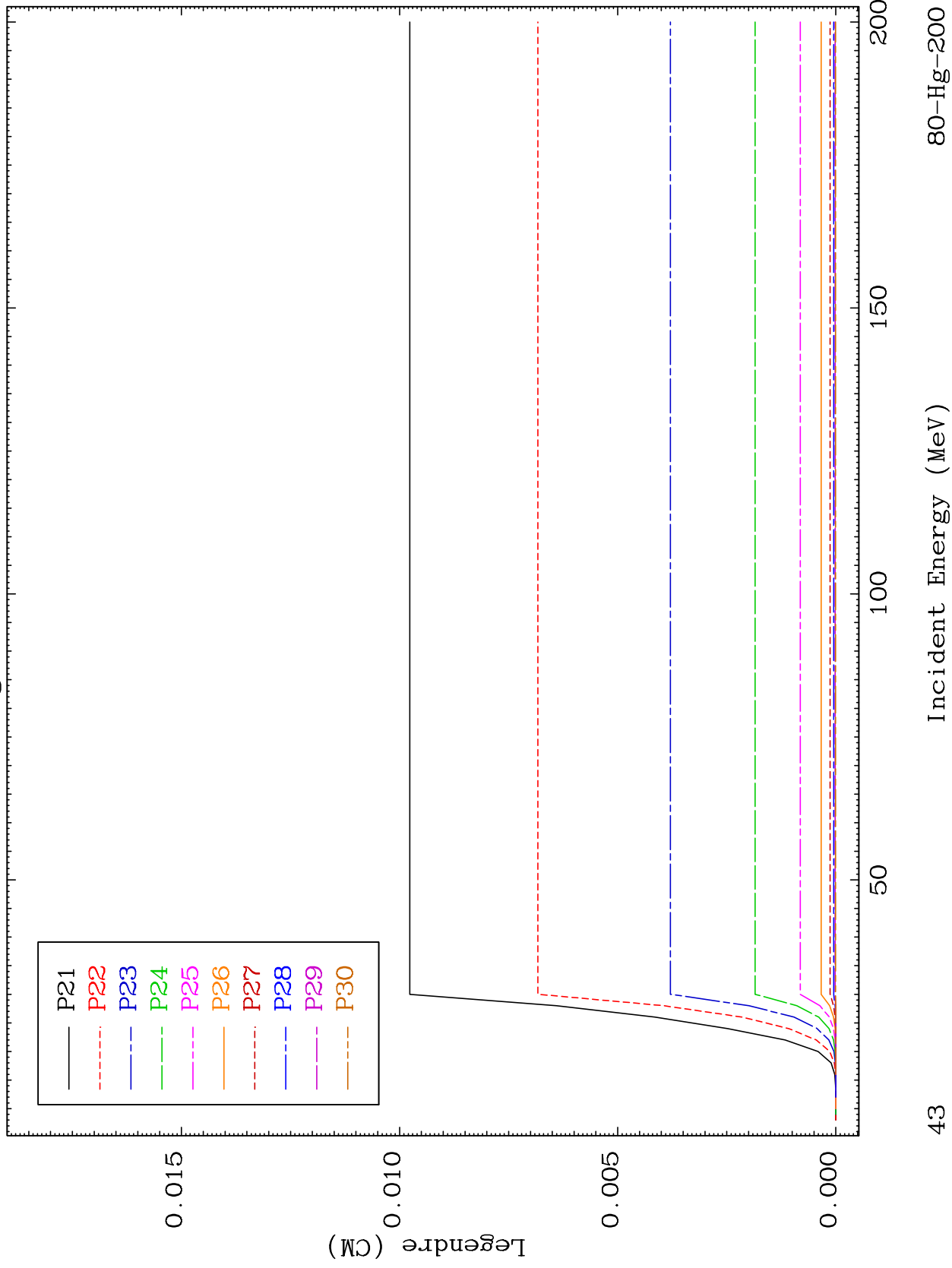
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

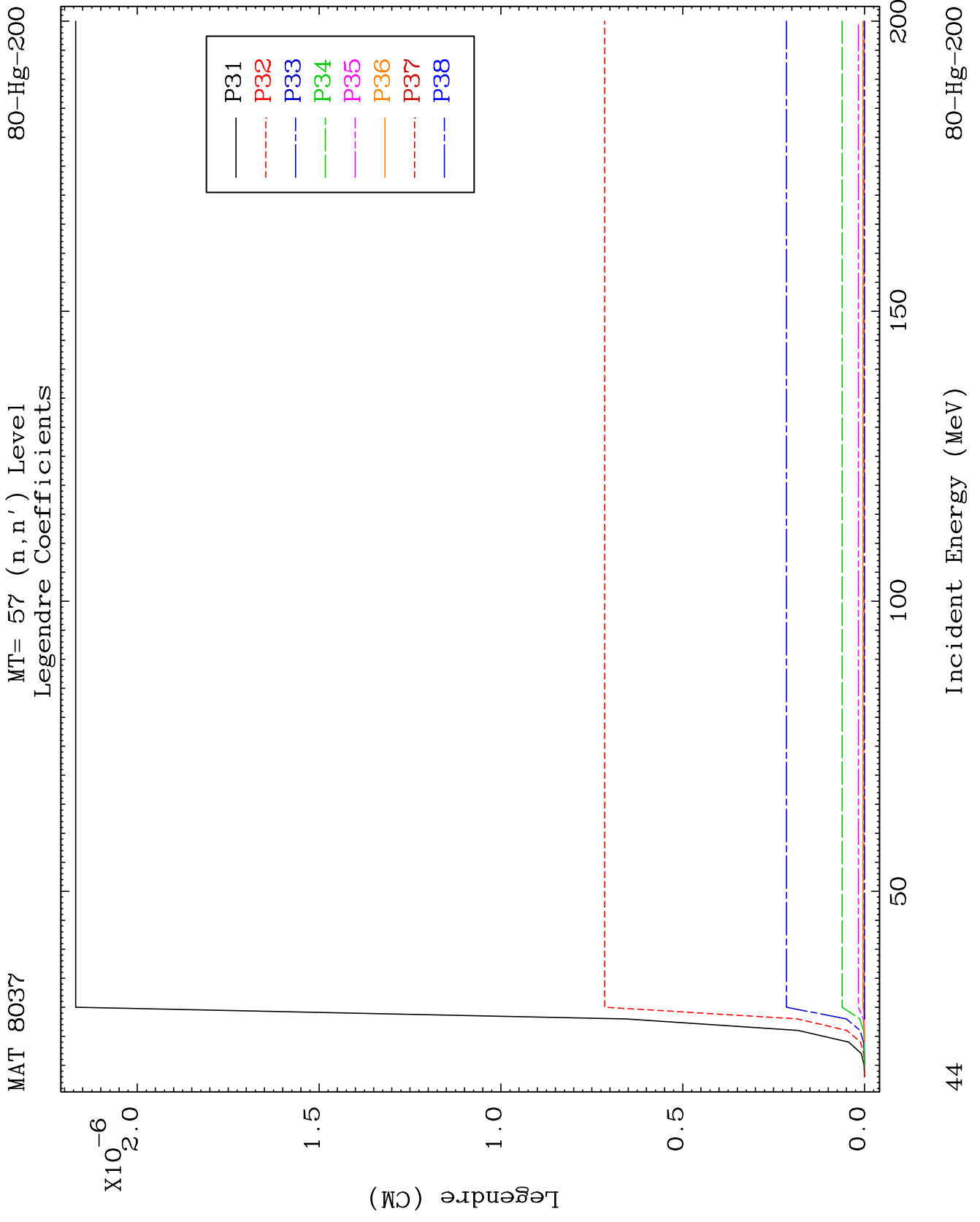
80-Hg-200



43

Incident Energy (MeV)

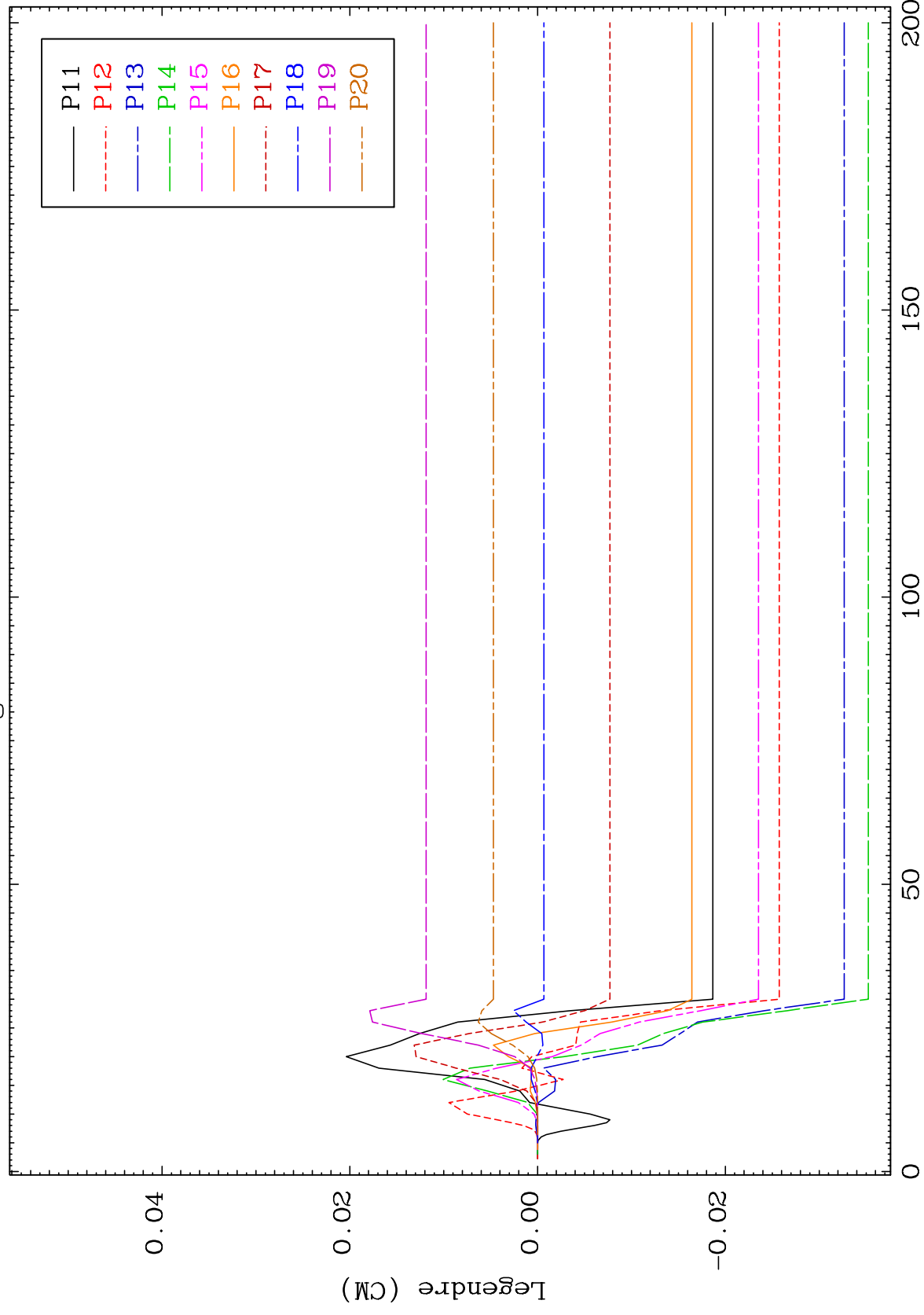
80-Hg-200



MAT 8037

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

80-Hg-200



46

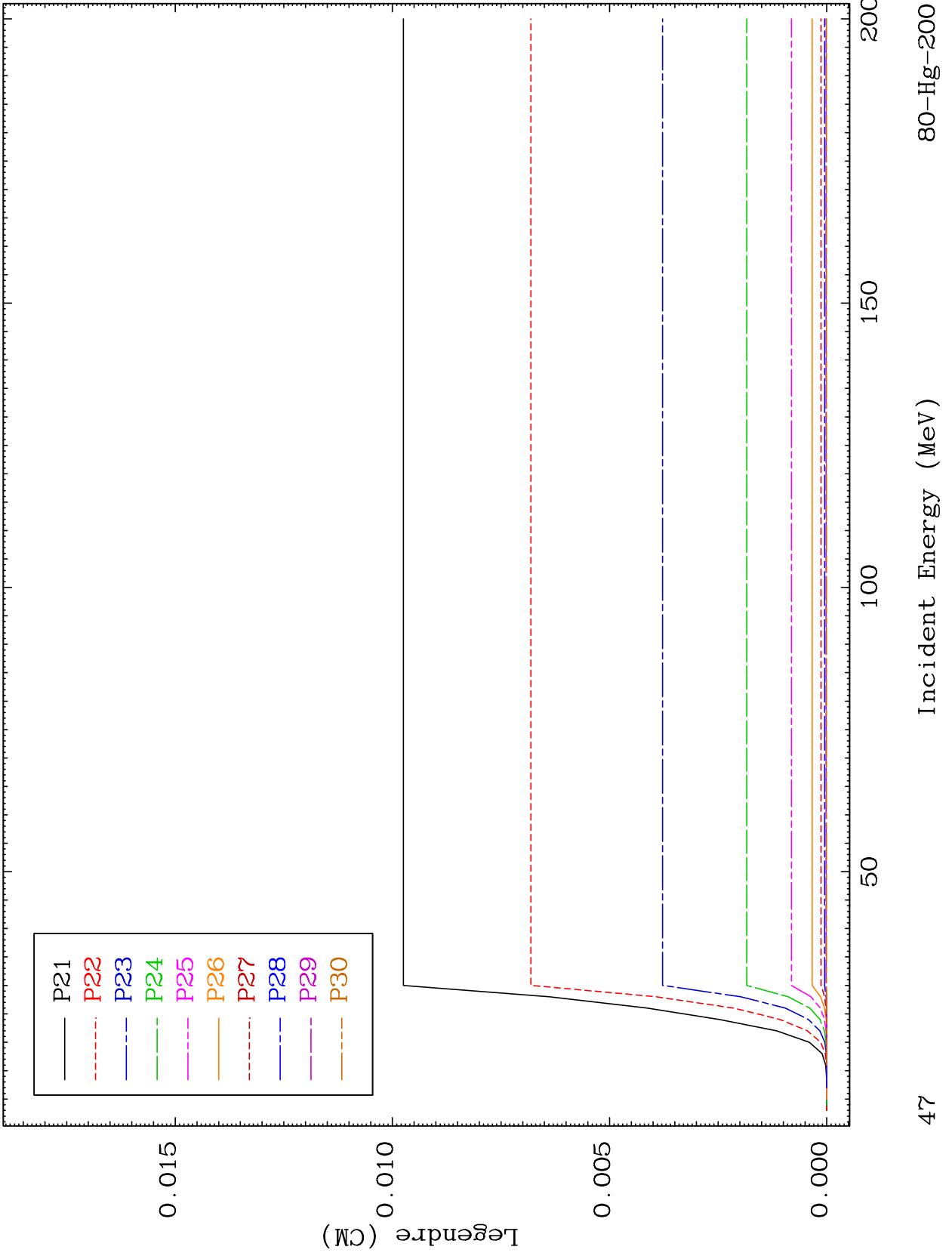
Incident Energy (MeV)

80-Hg-200

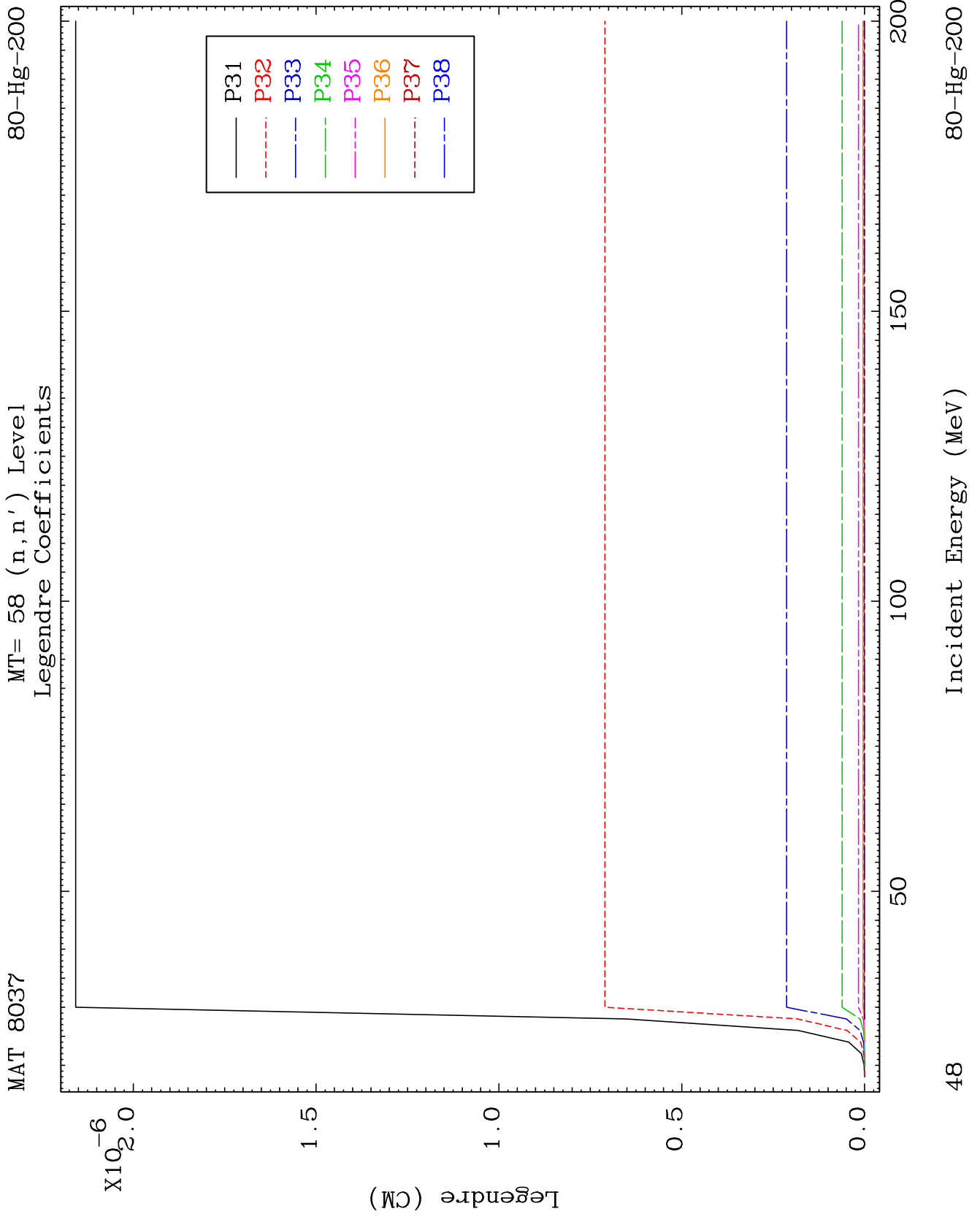
MAT 8037

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

80-Hg-200



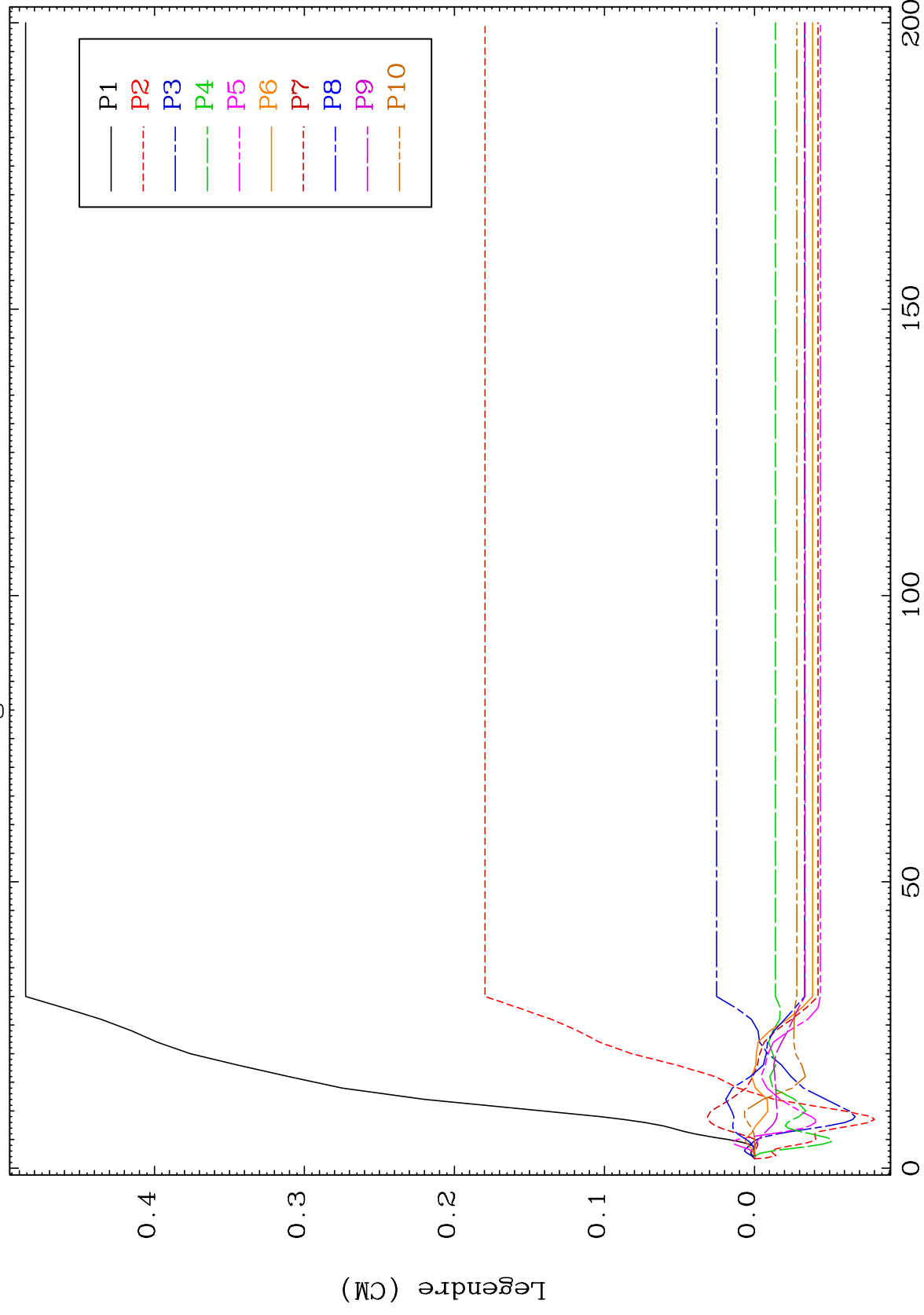
47



MAT 8037

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

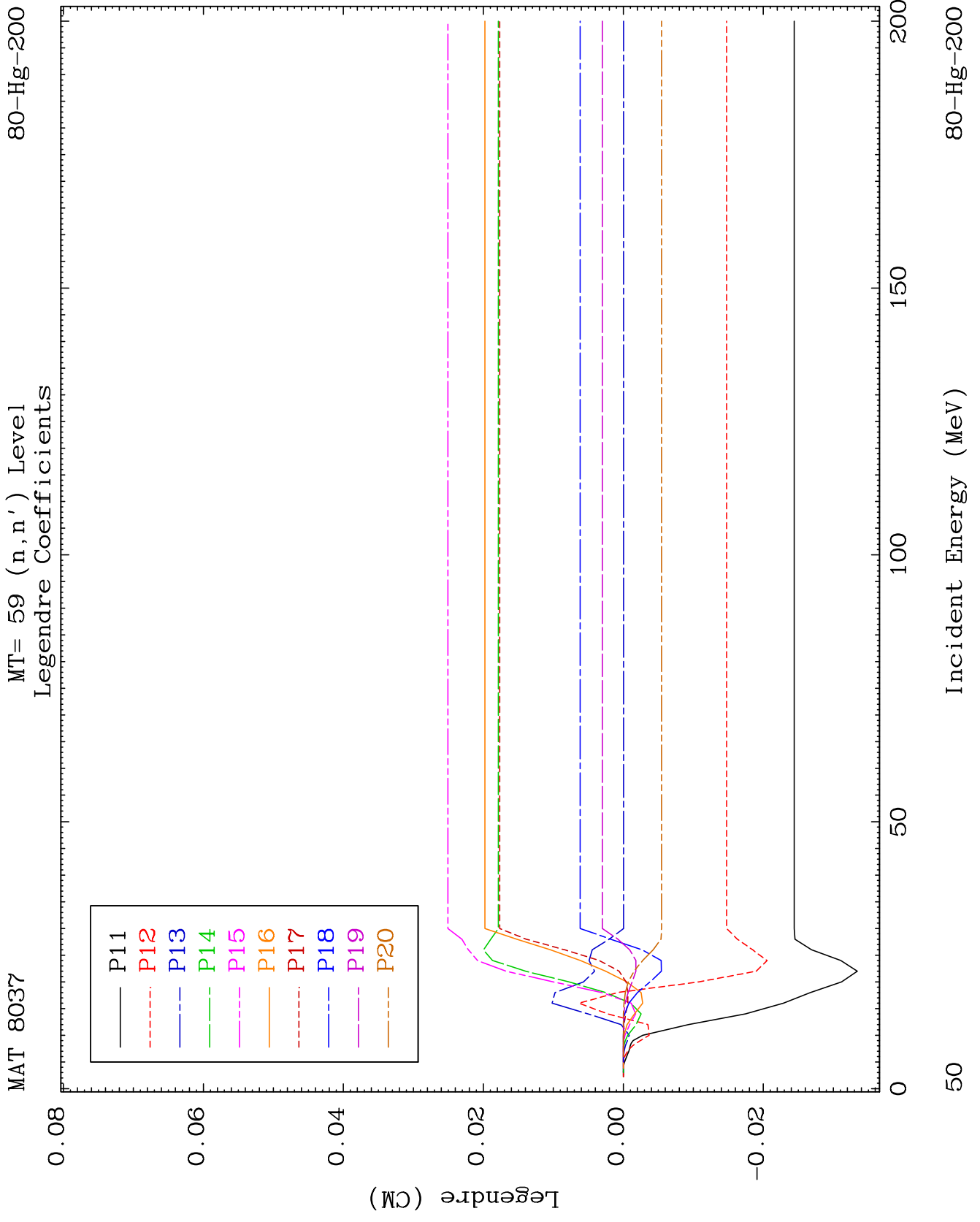
80-Hg-200

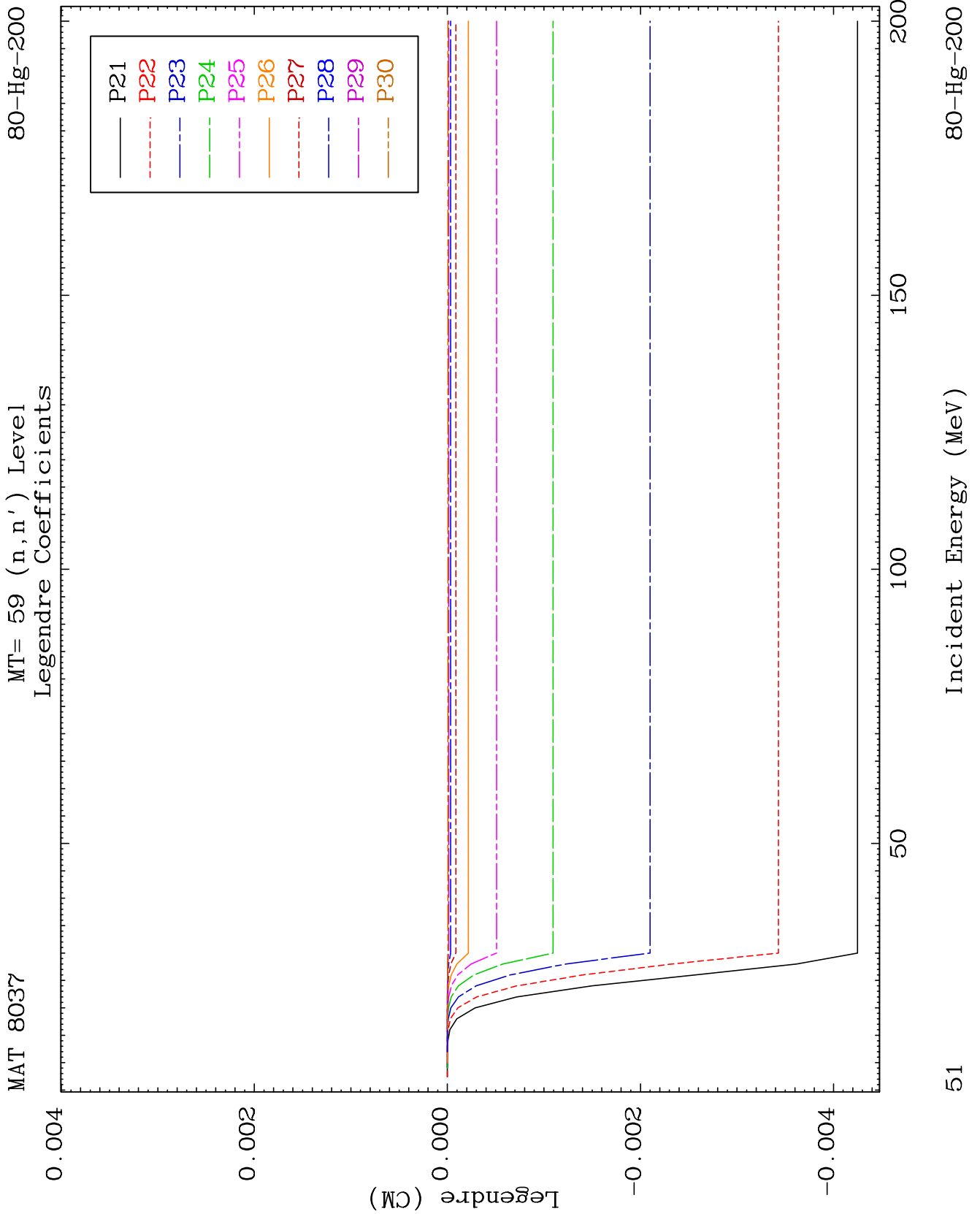


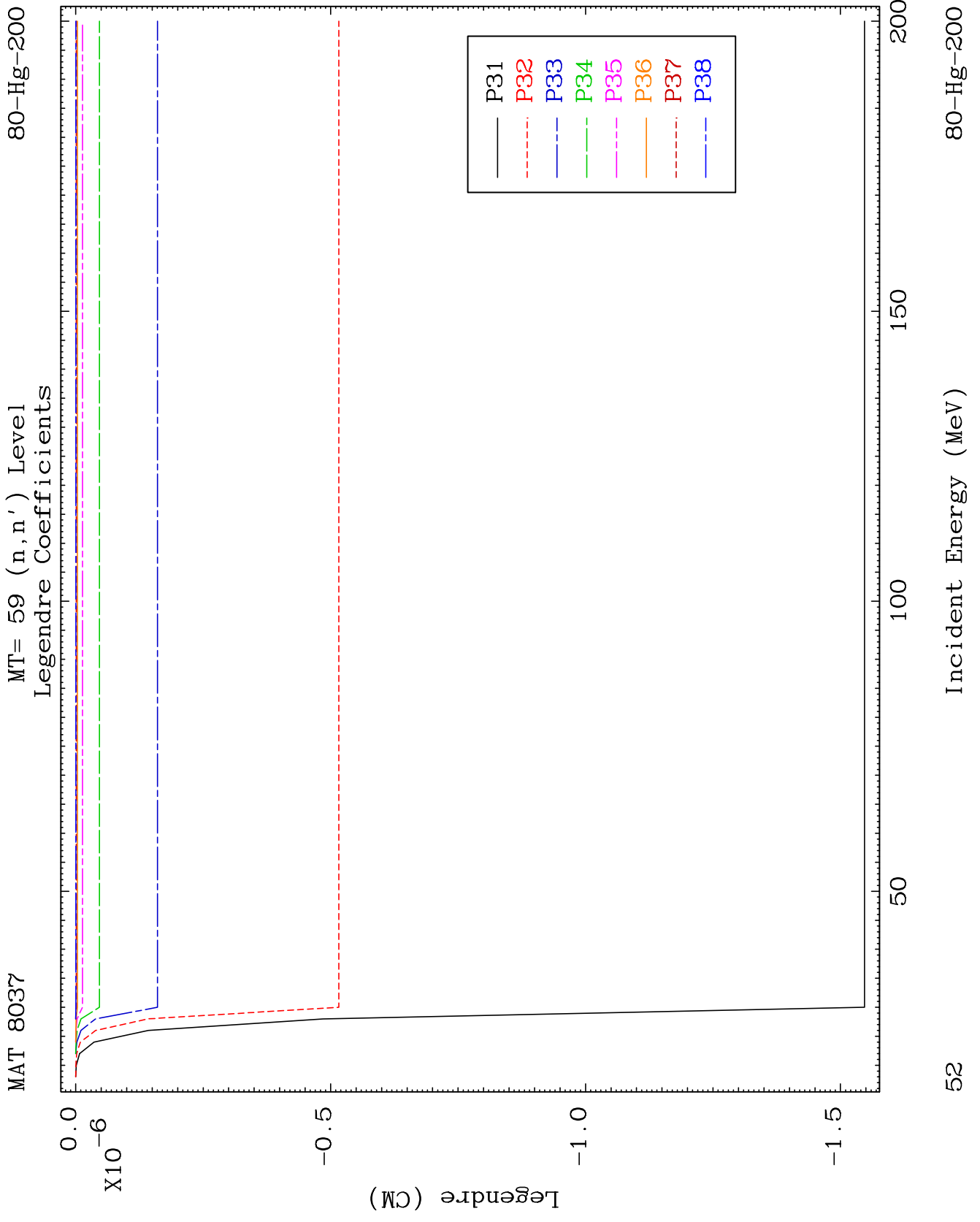
49

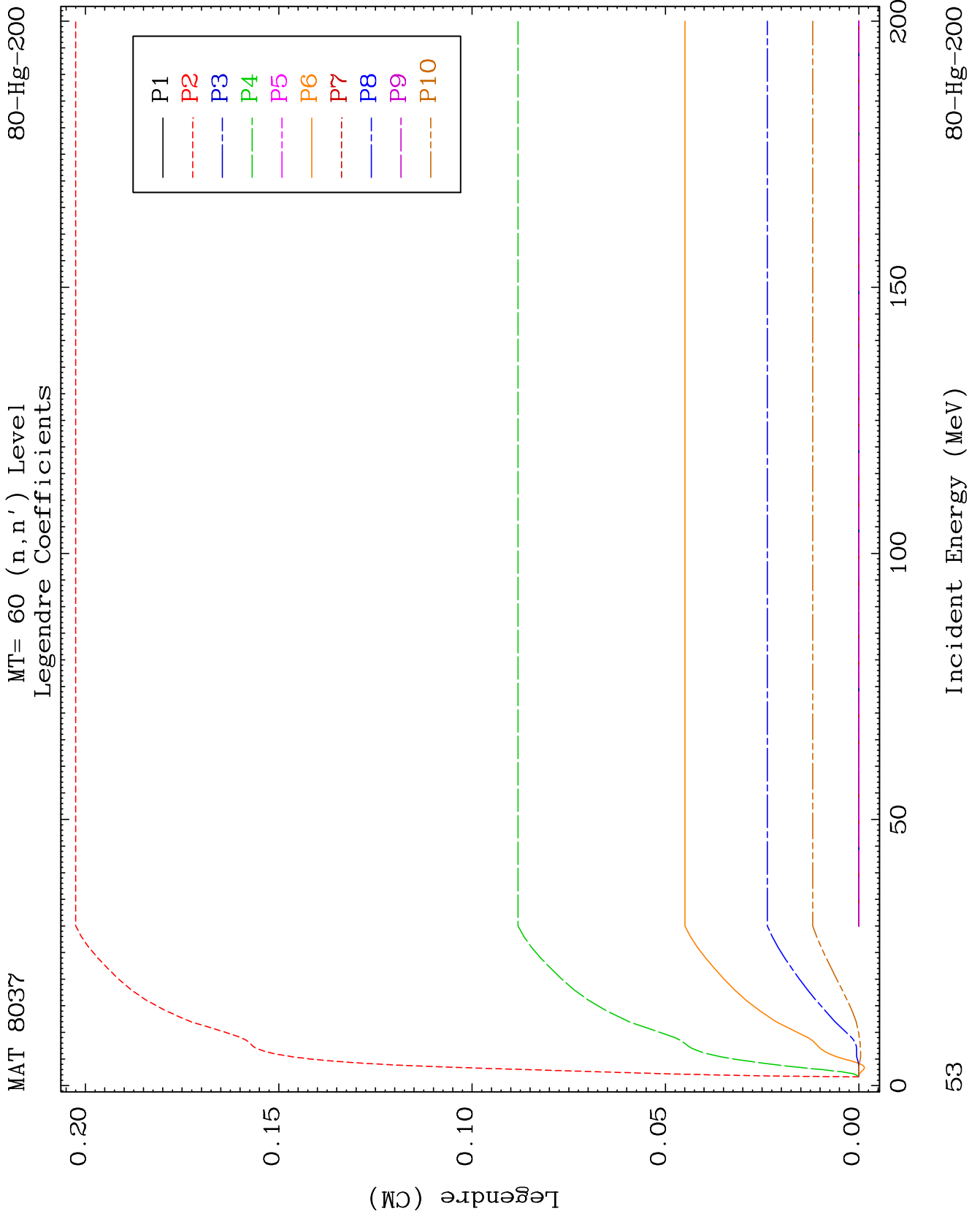
Incident Energy (MeV)

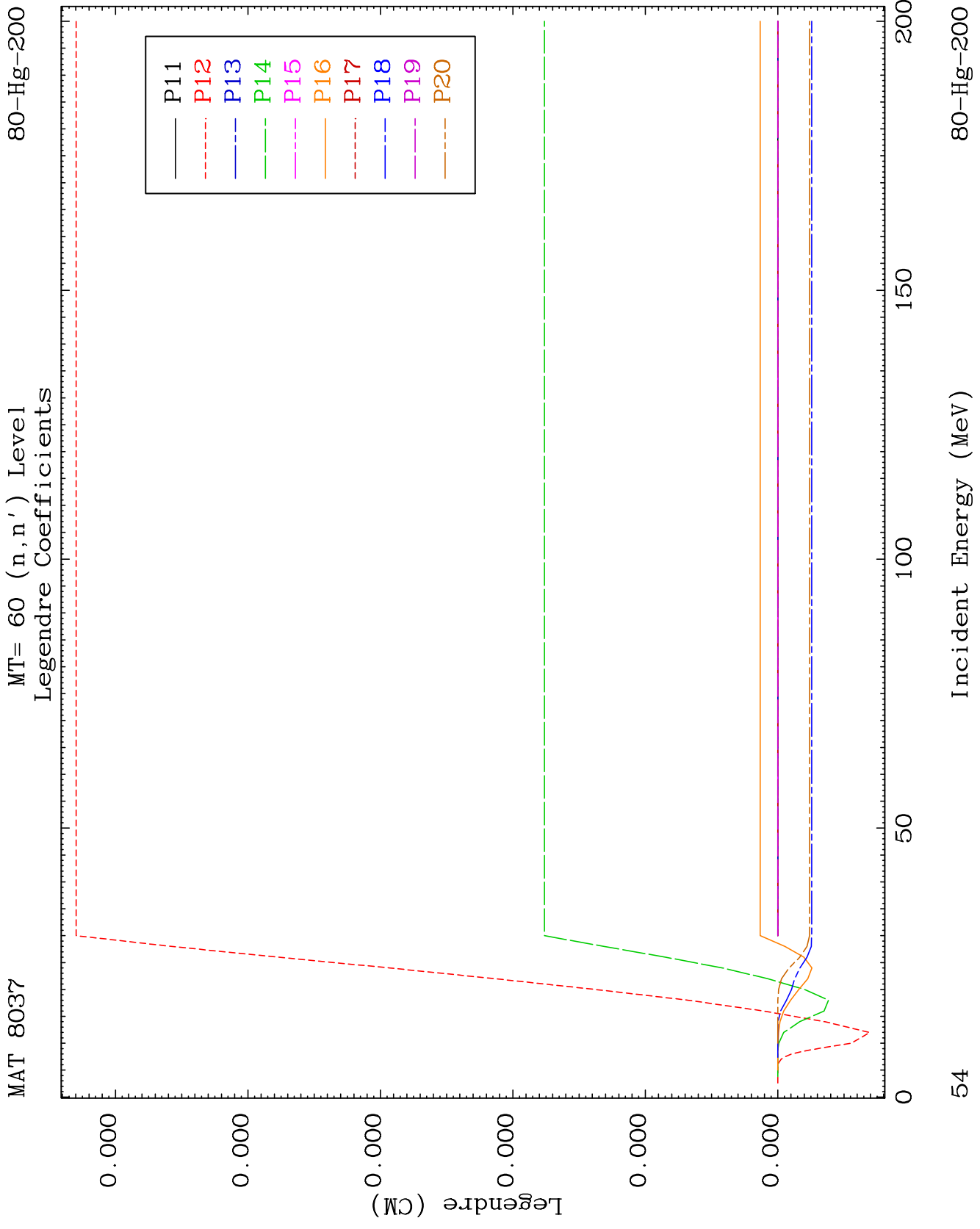
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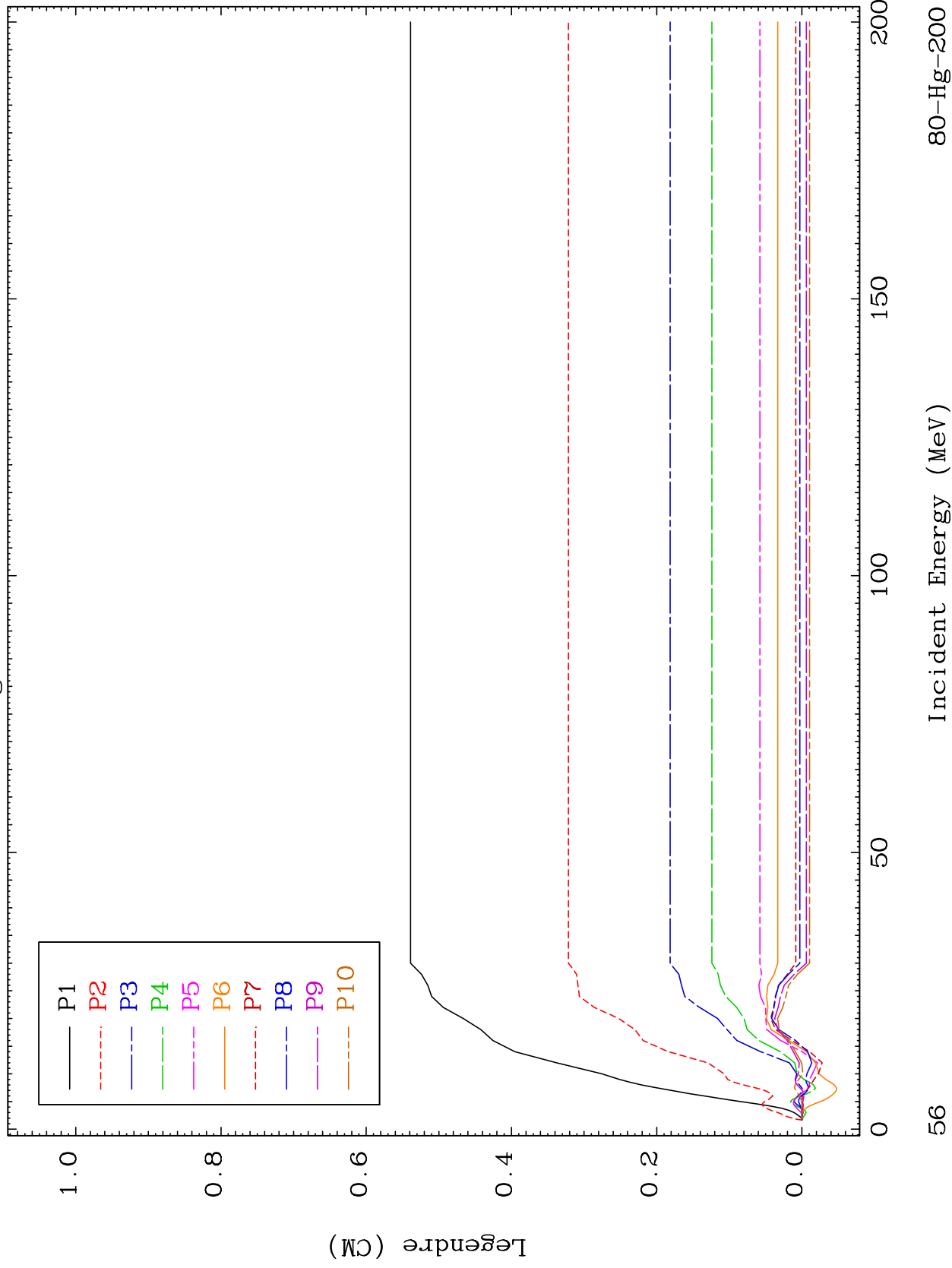




MAT 8037

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

80-Hg-200



56

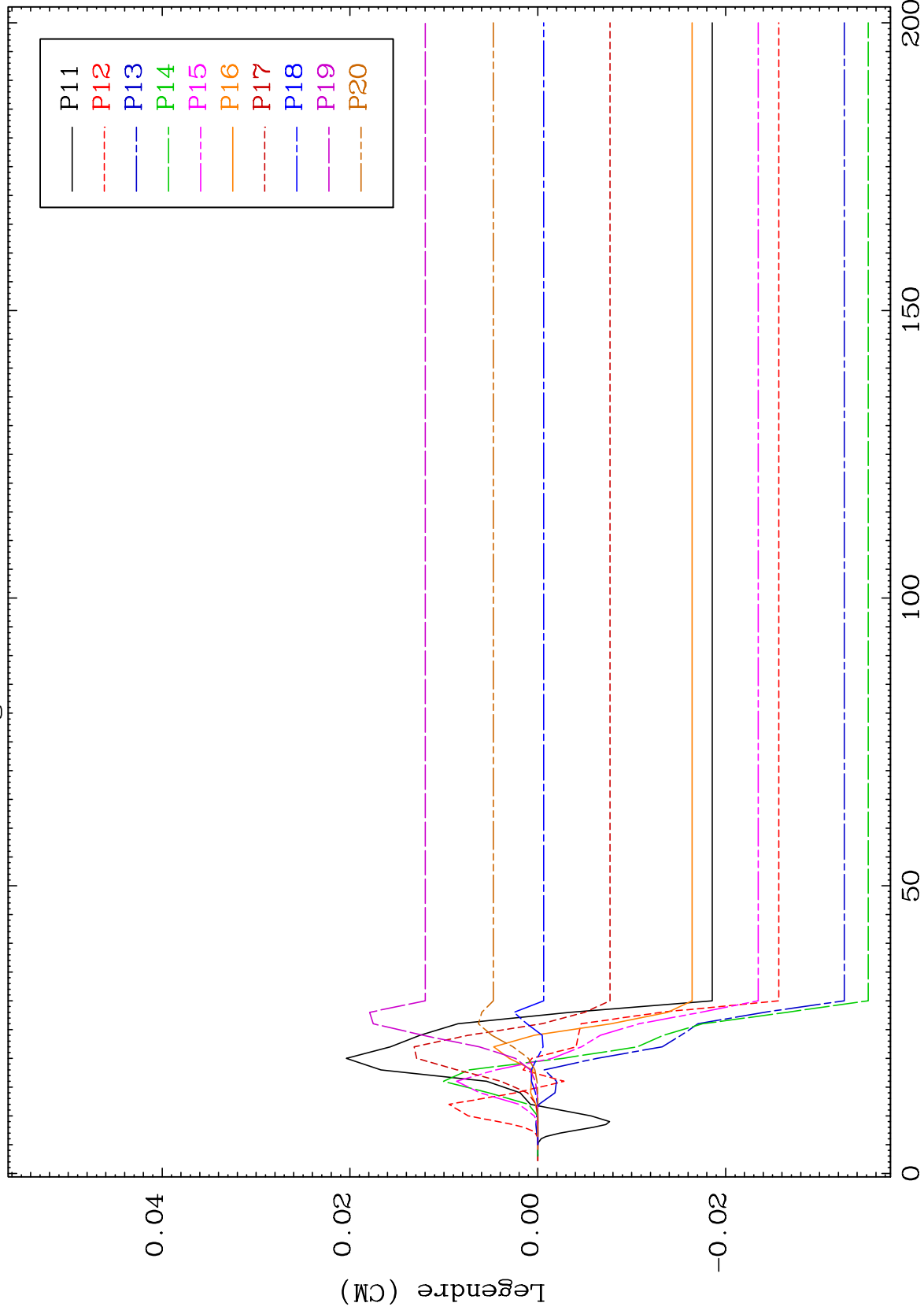
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



57

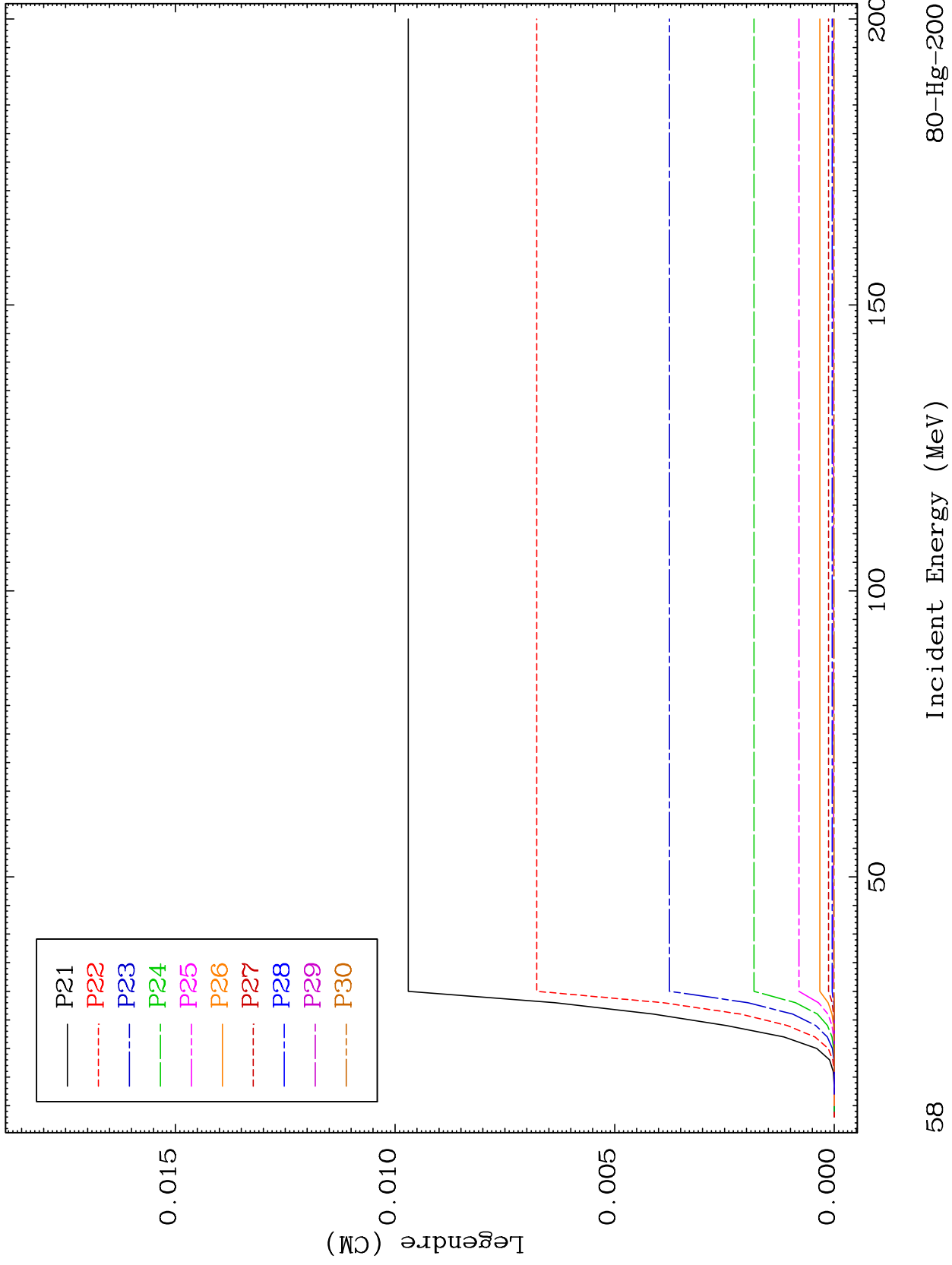
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

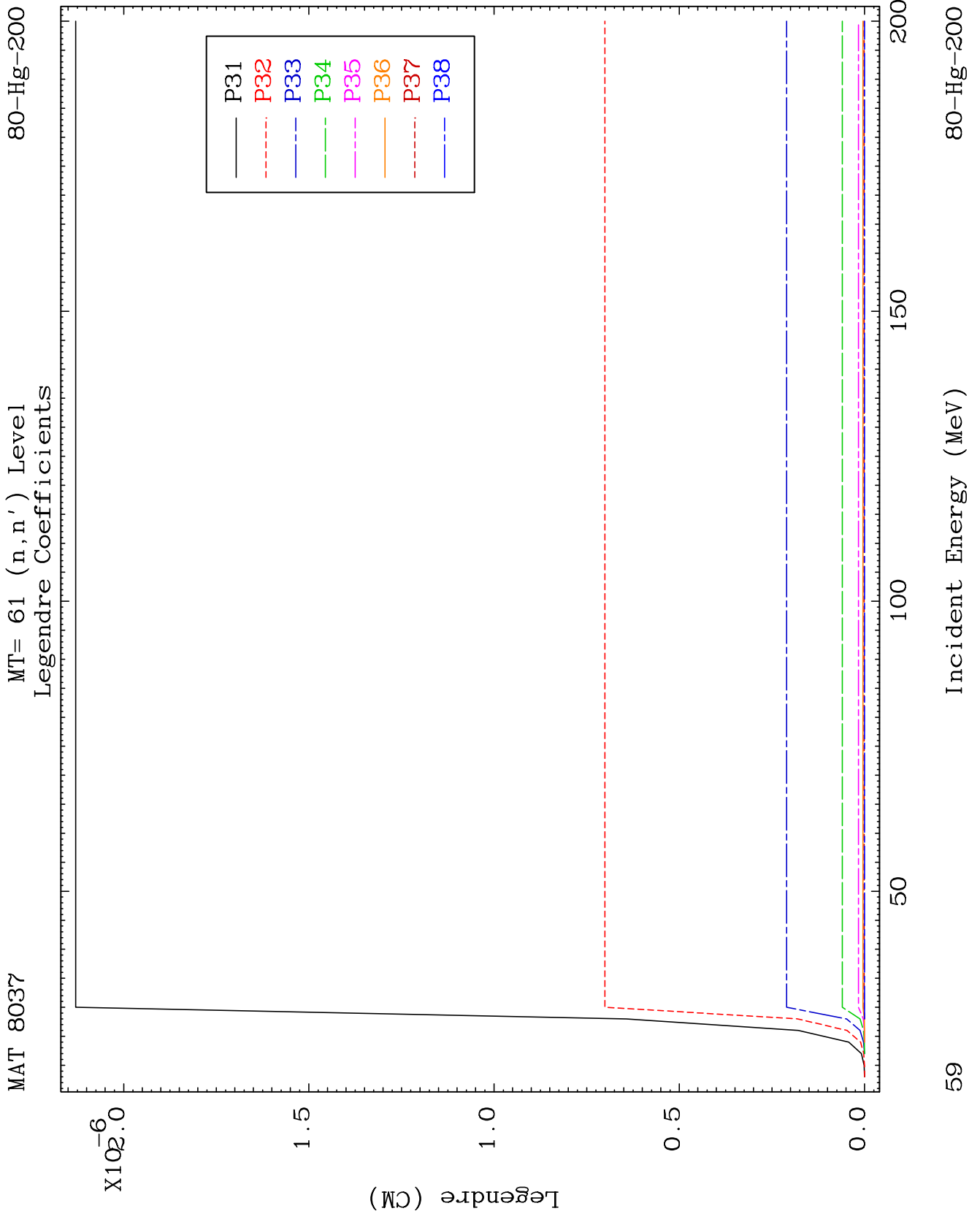
80-Hg-200



58

Incident Energy (MeV)

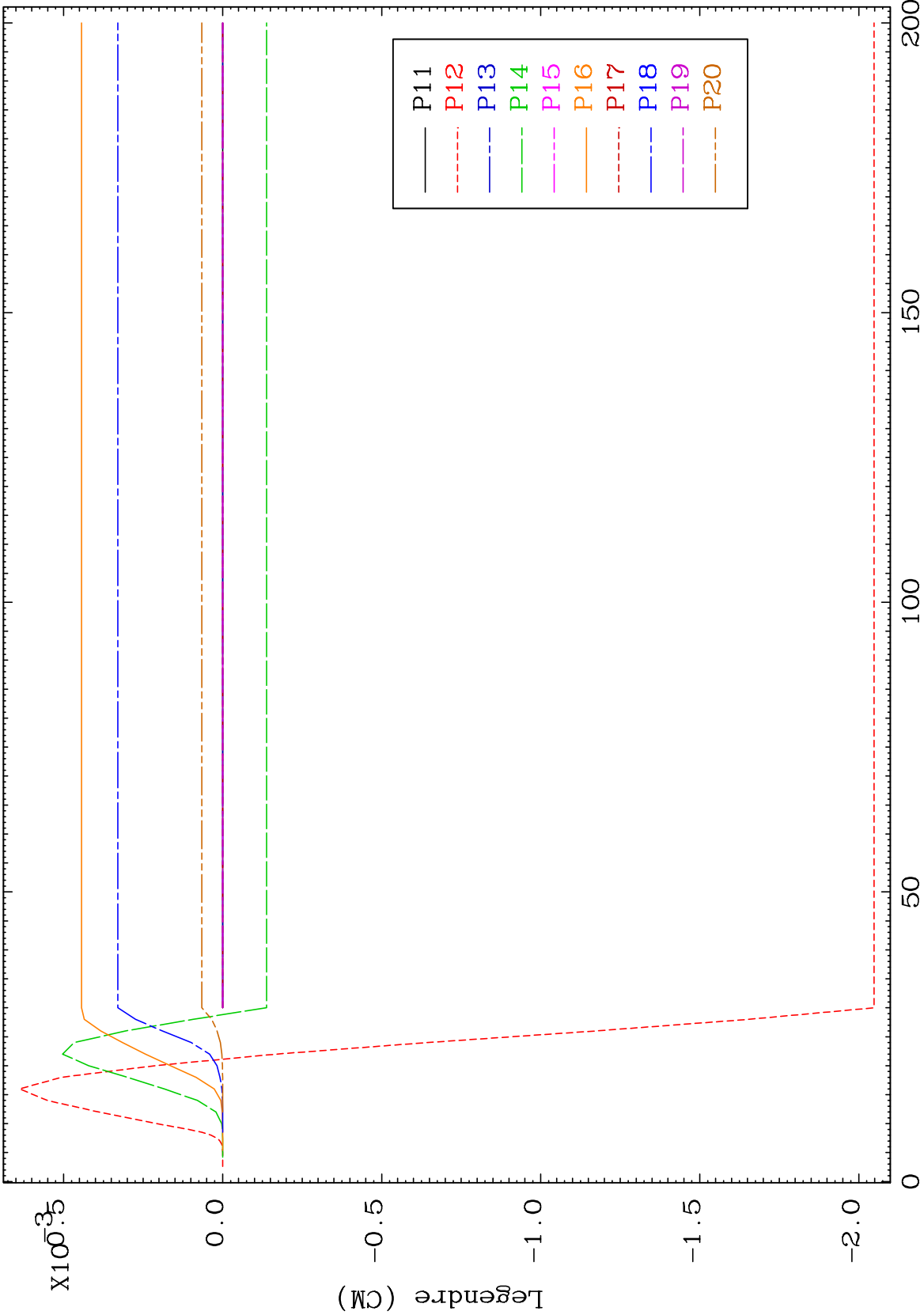
80-Hg-200



MAT 8037

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

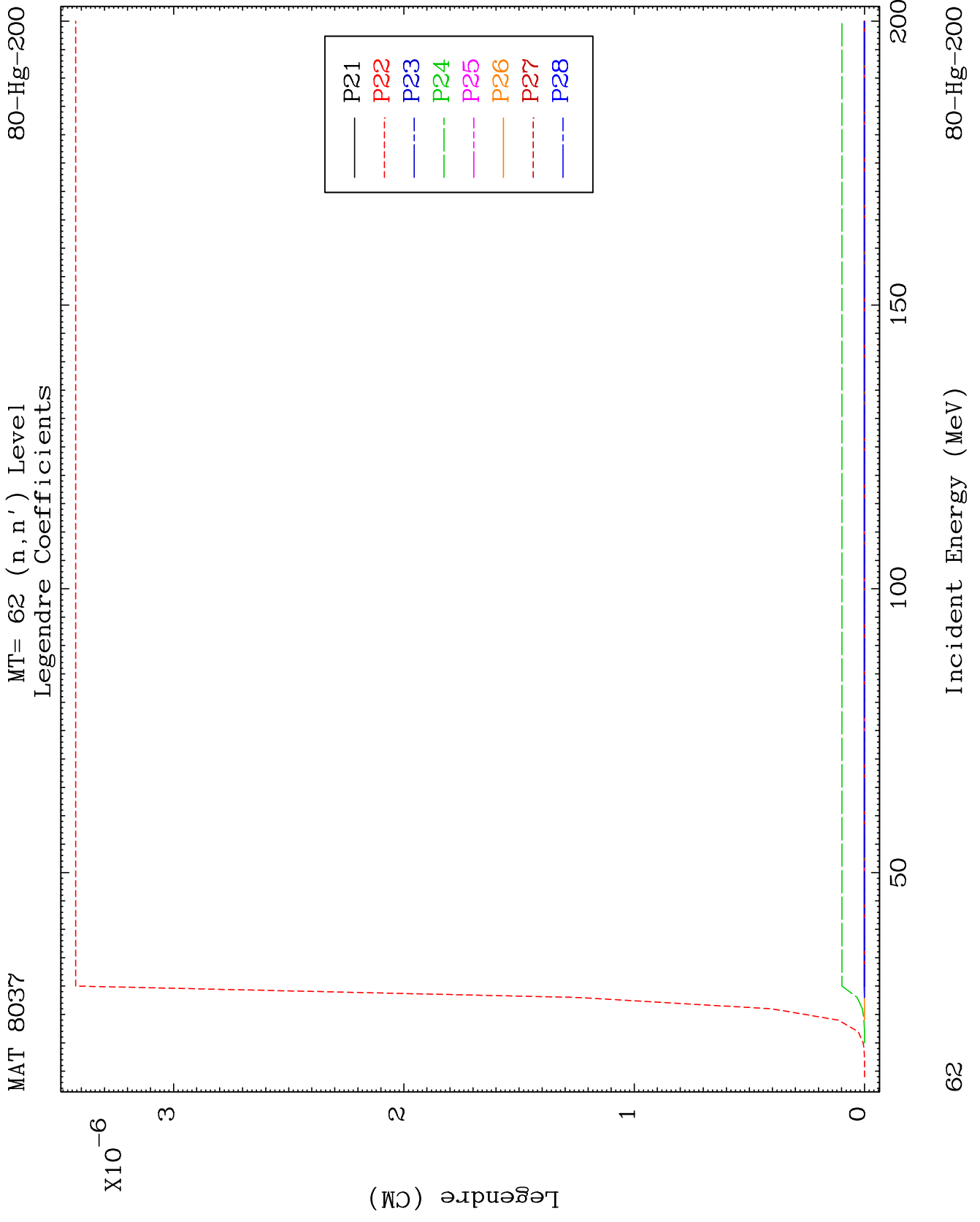
80-Hg-200



61

Incident Energy (MeV)

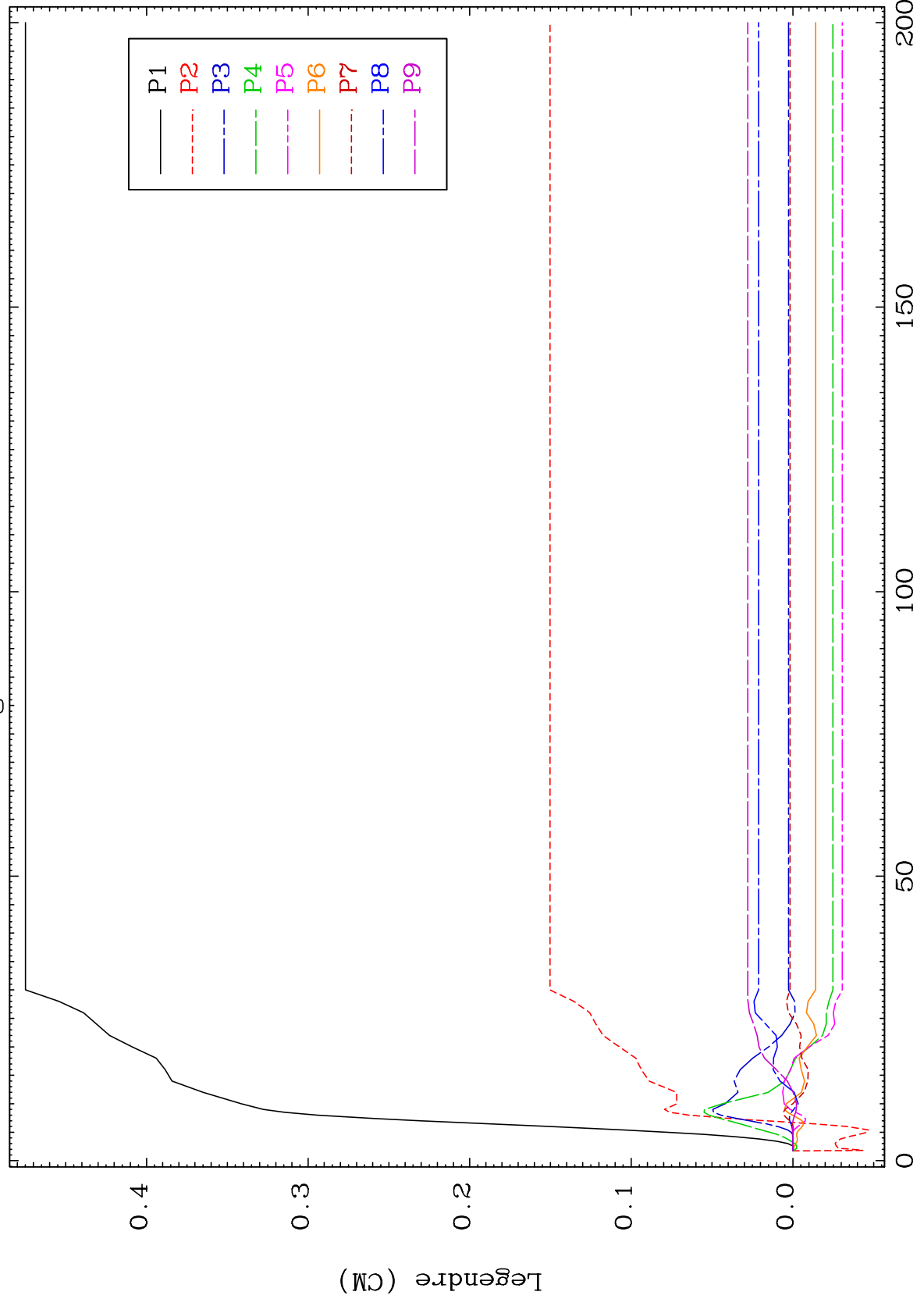
80-Hg-200



MAT 8037

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

80-Hg-200



63

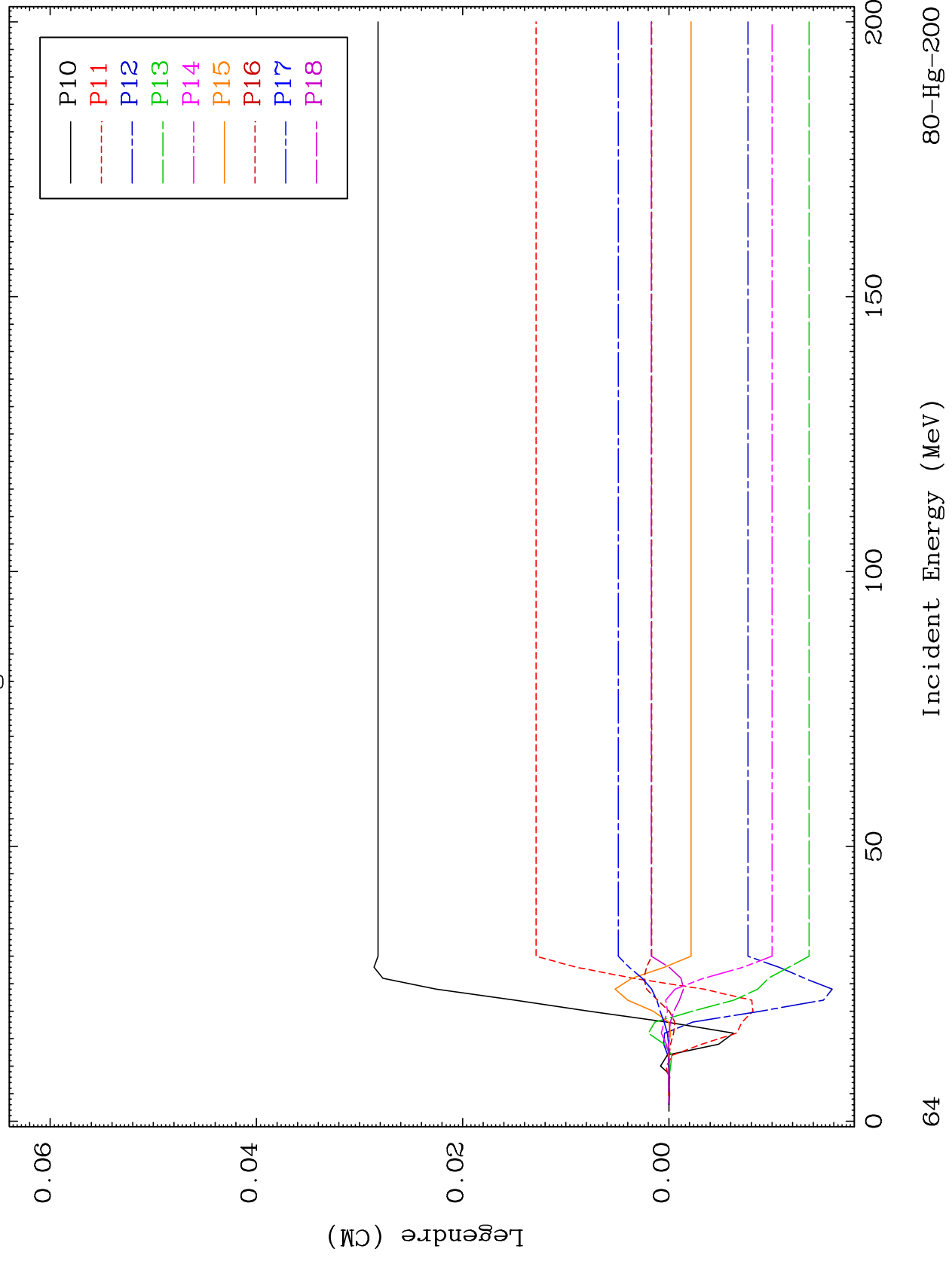
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



64

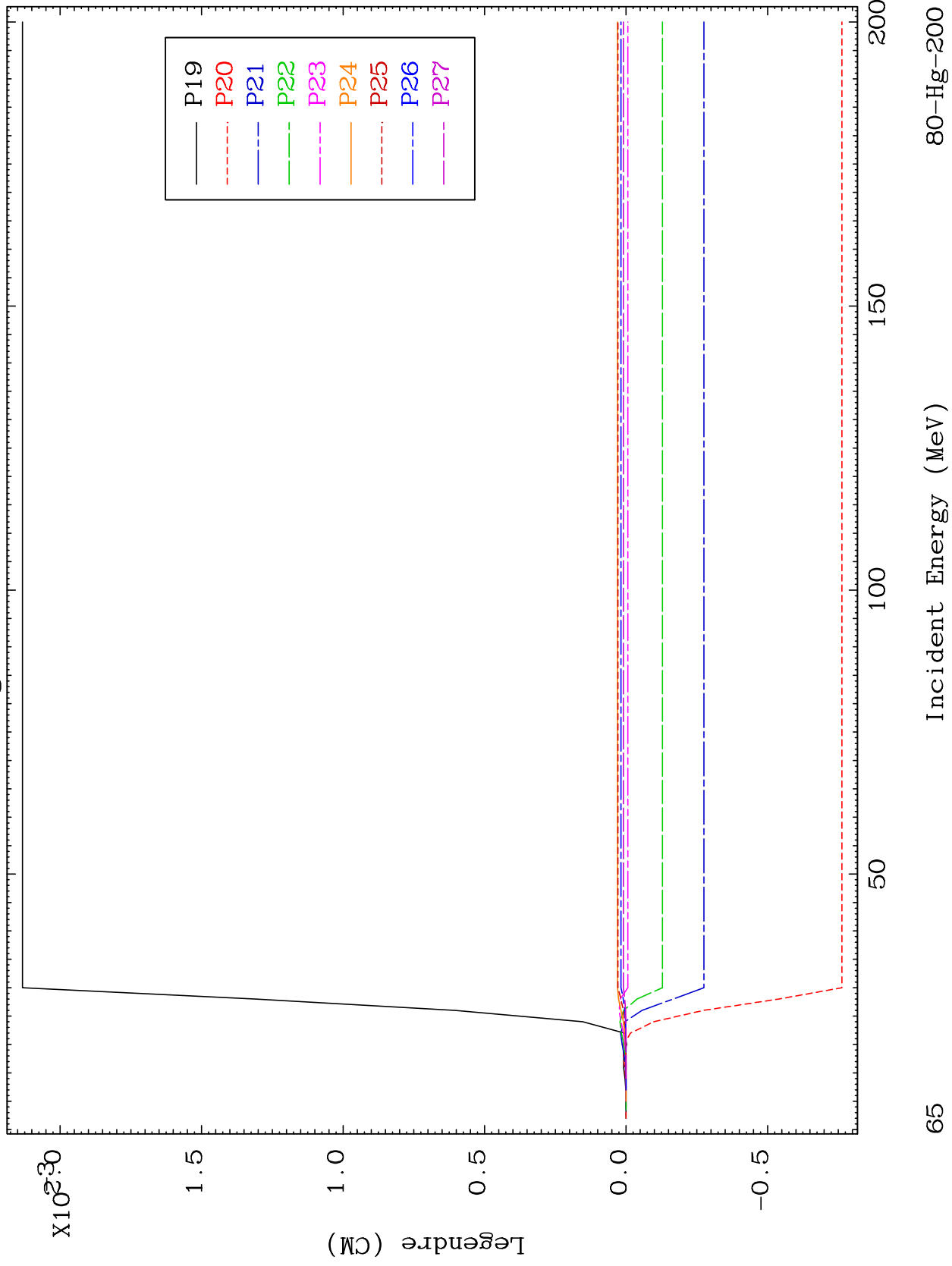
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



65

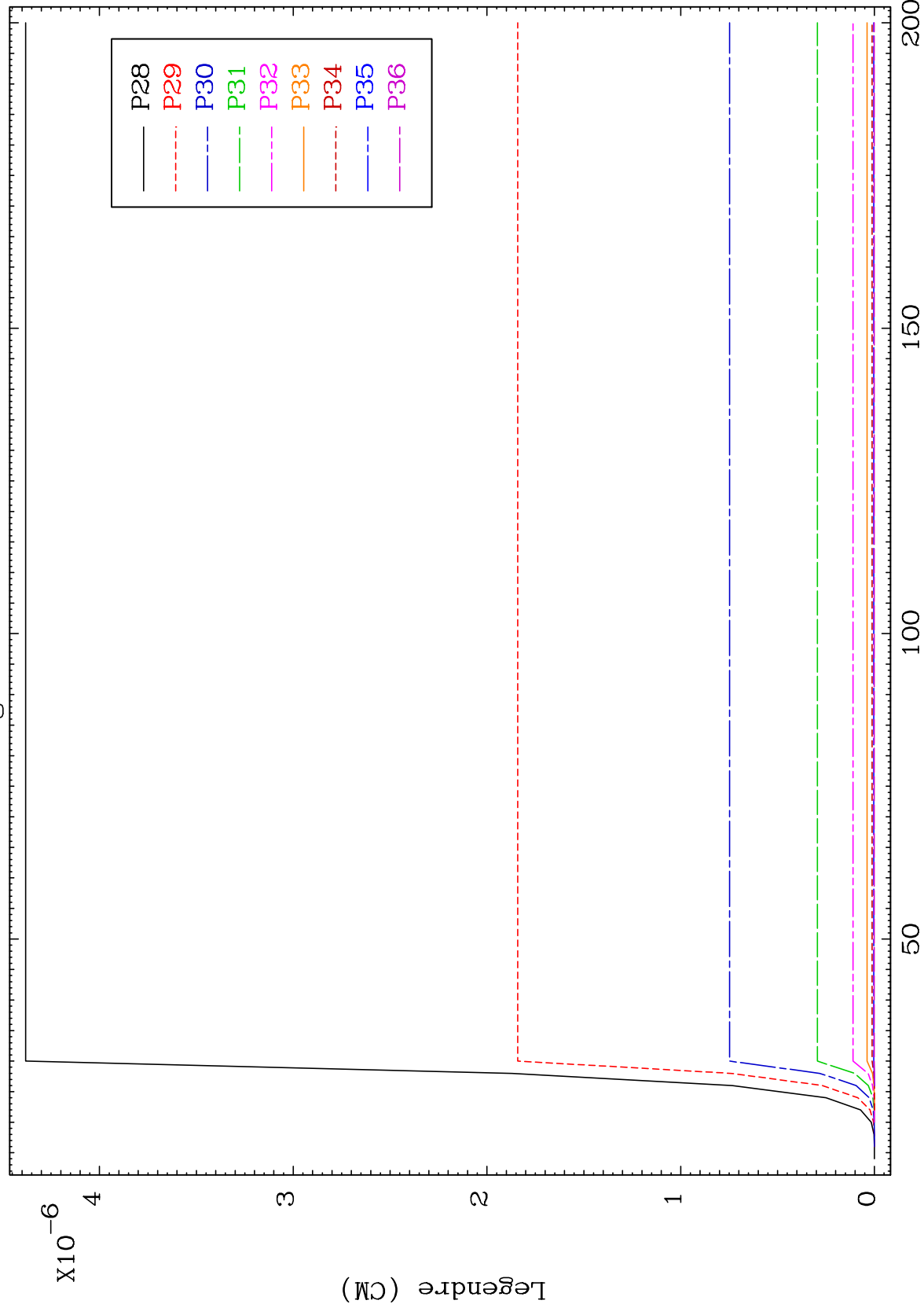
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

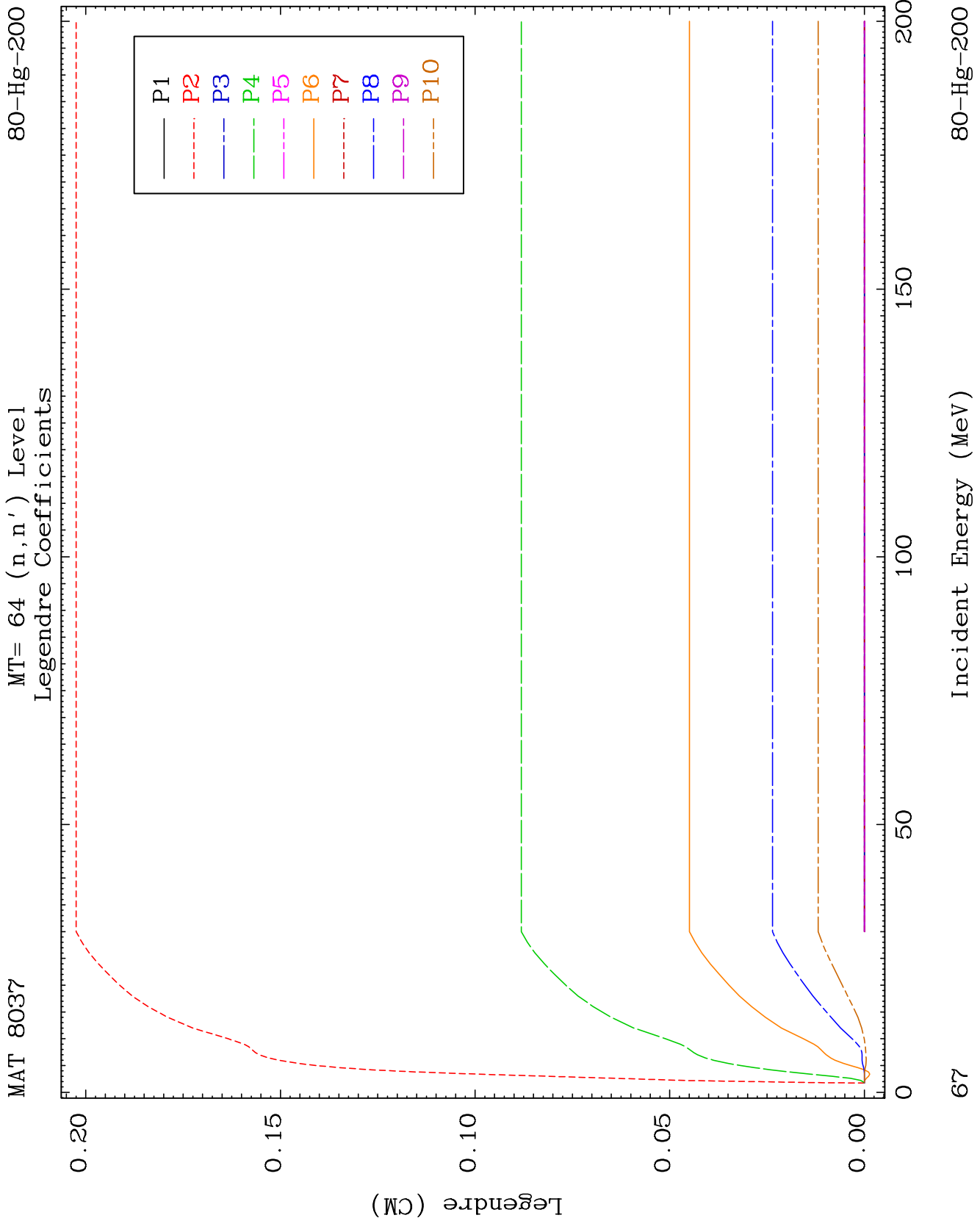
80-Hg-200

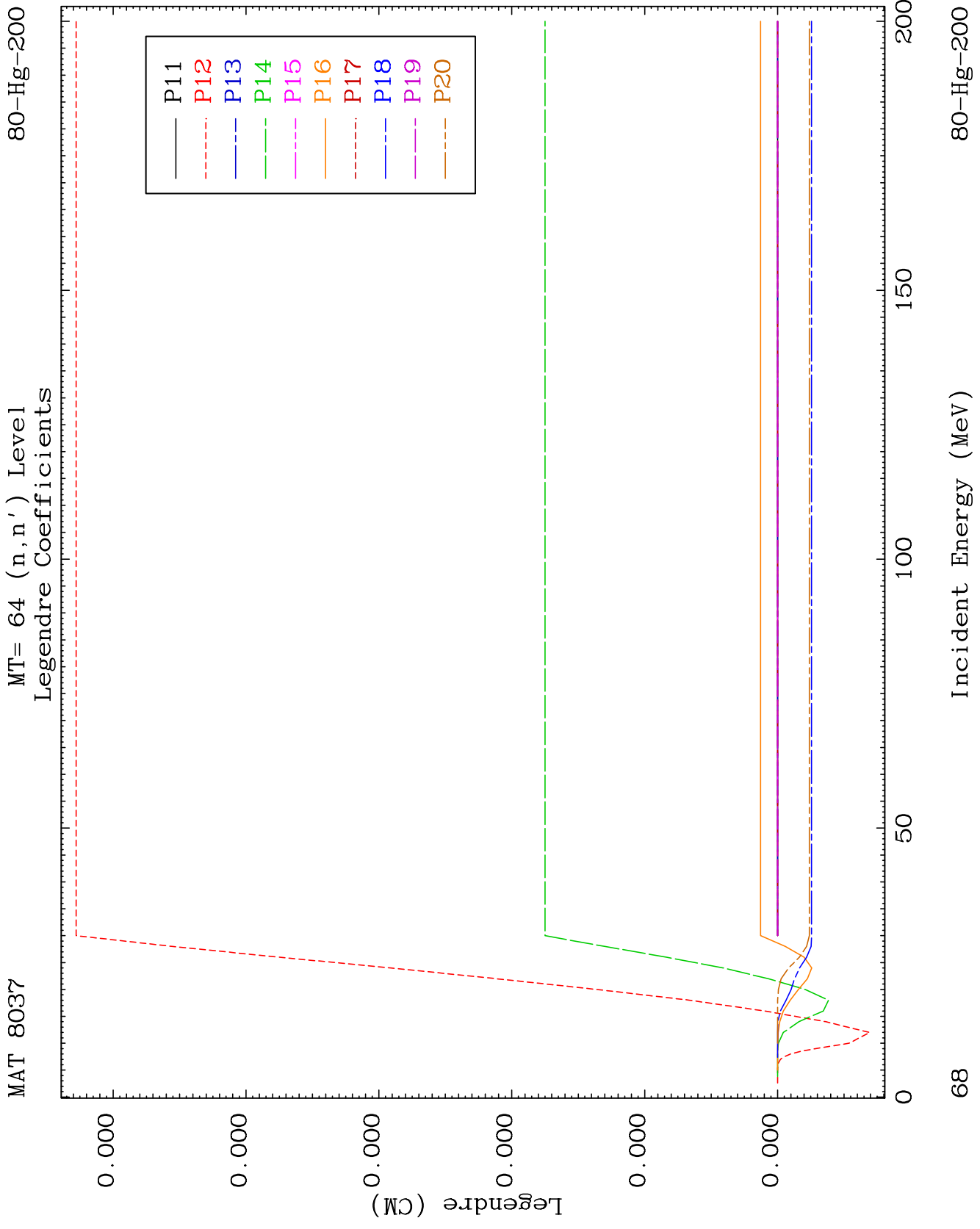


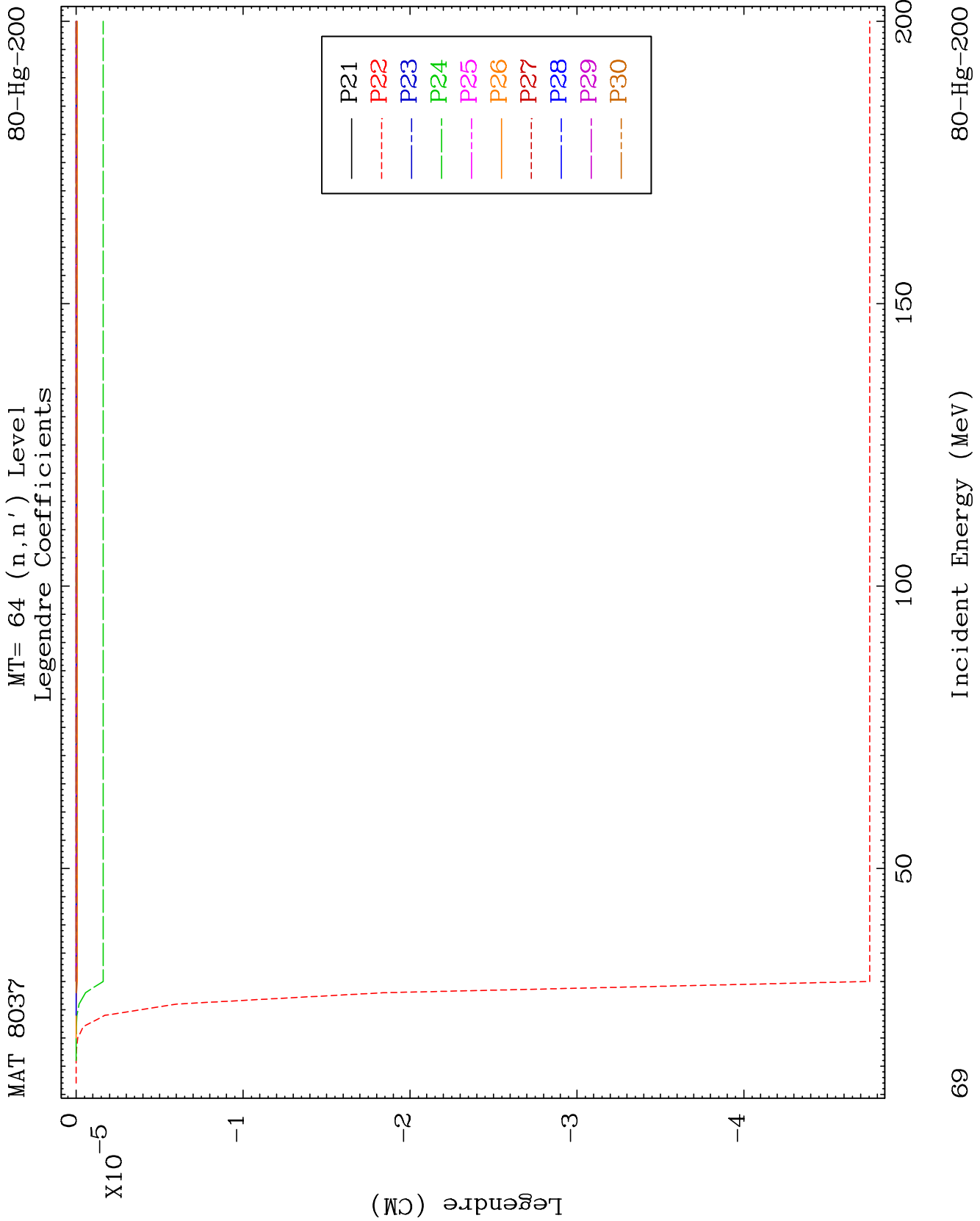
66

Incident Energy (MeV)

80-Hg-200



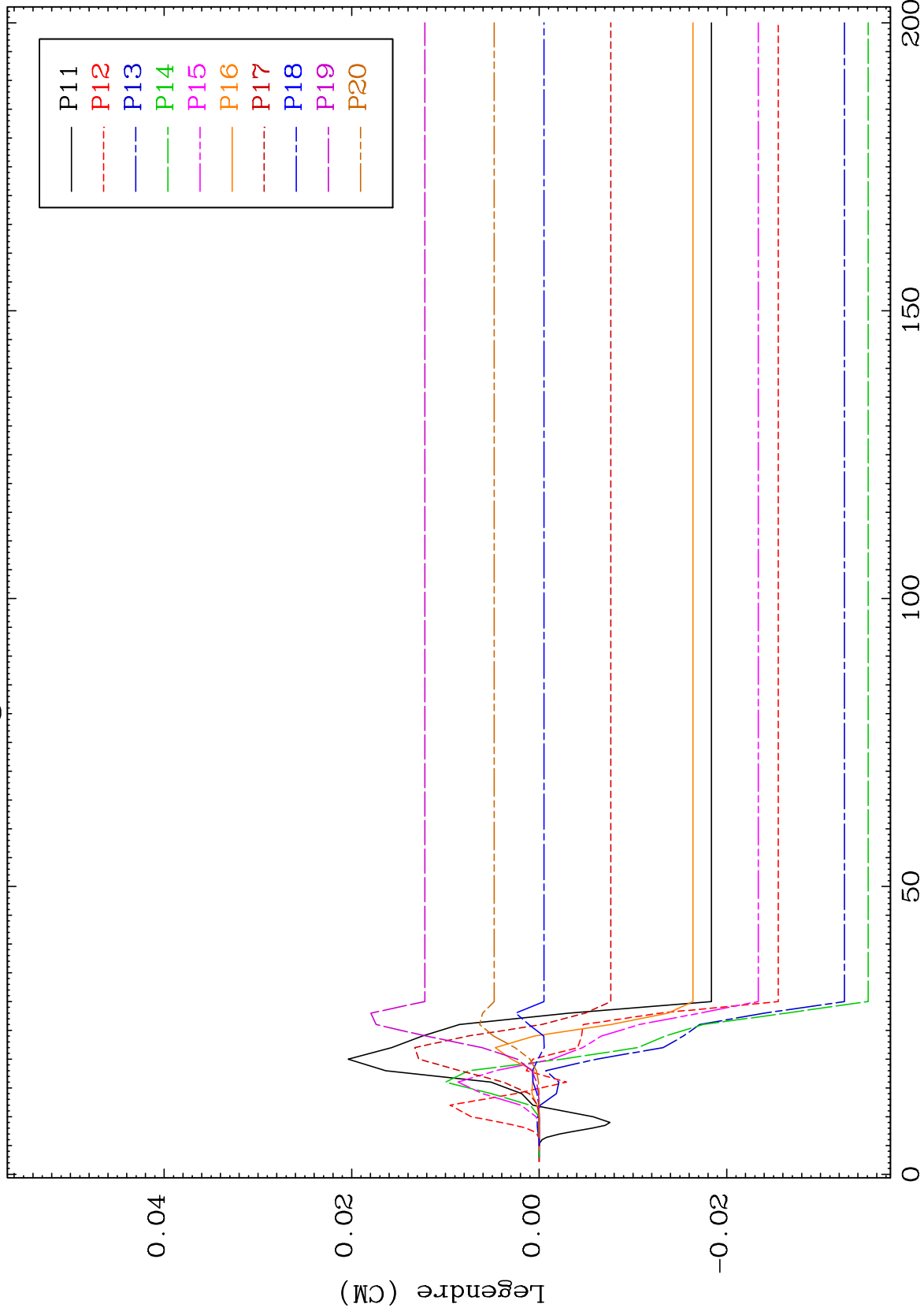




MAT 8037

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

80-Hg-200



71

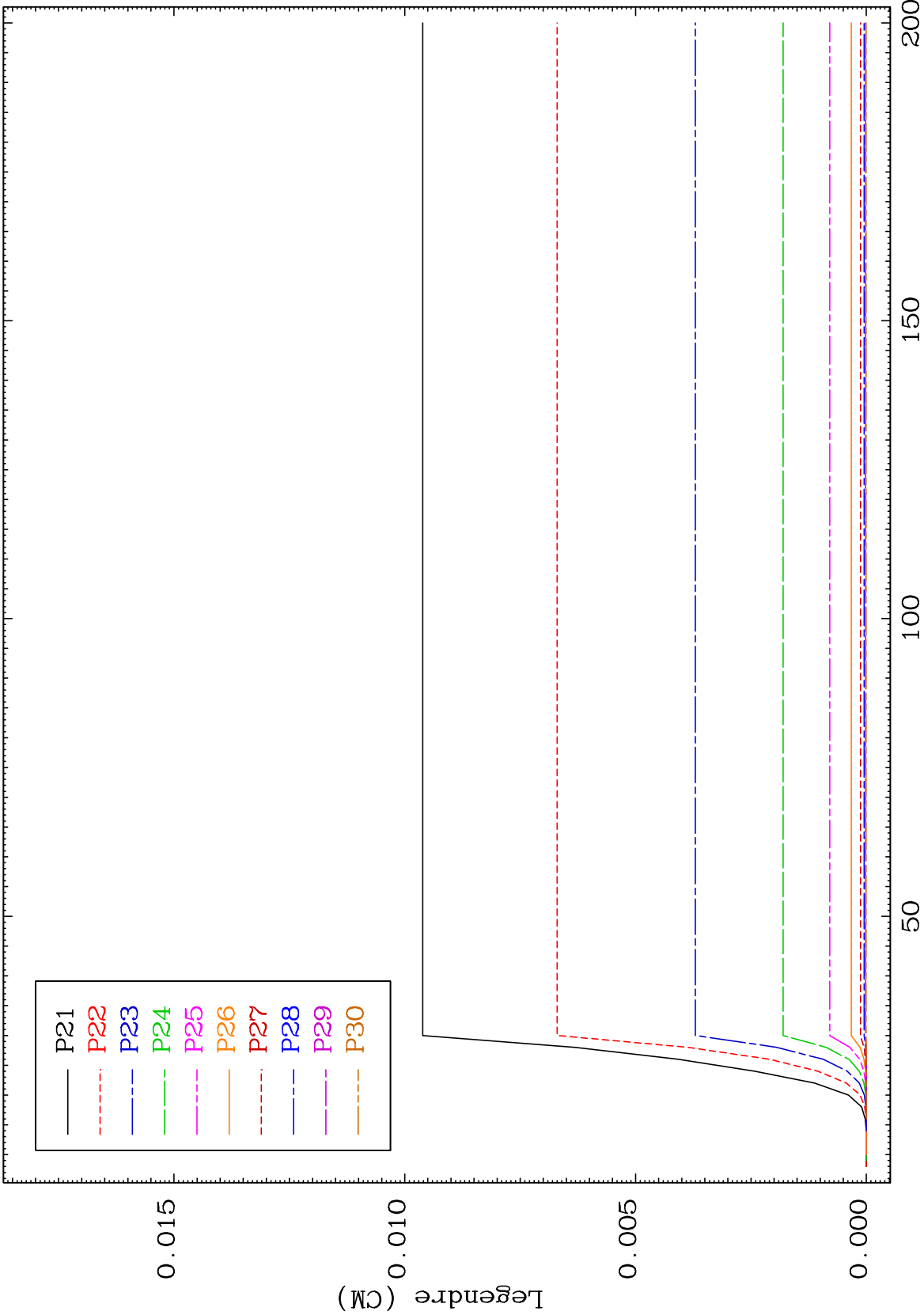
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

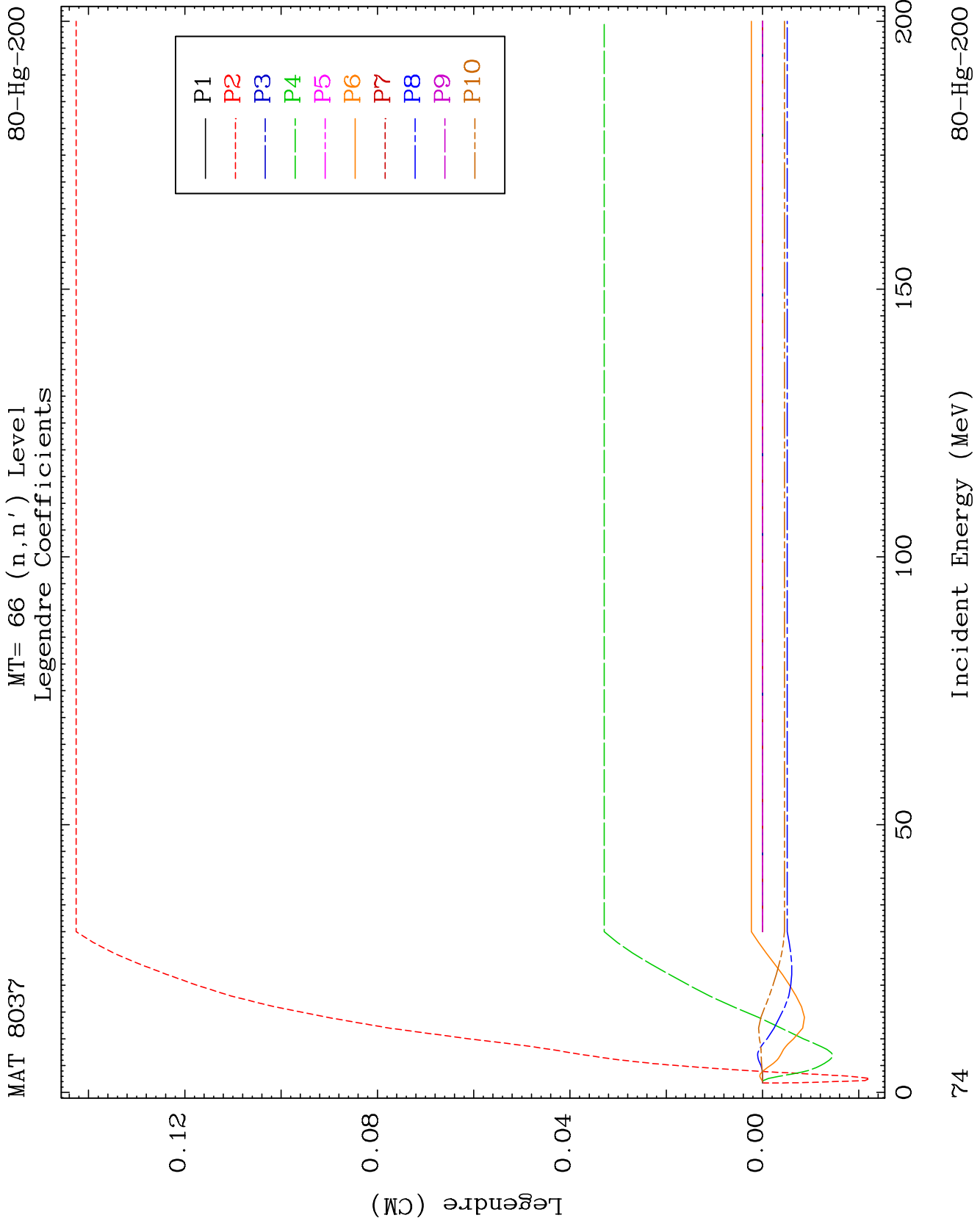
80-Hg-200



72

Incident Energy (MeV)

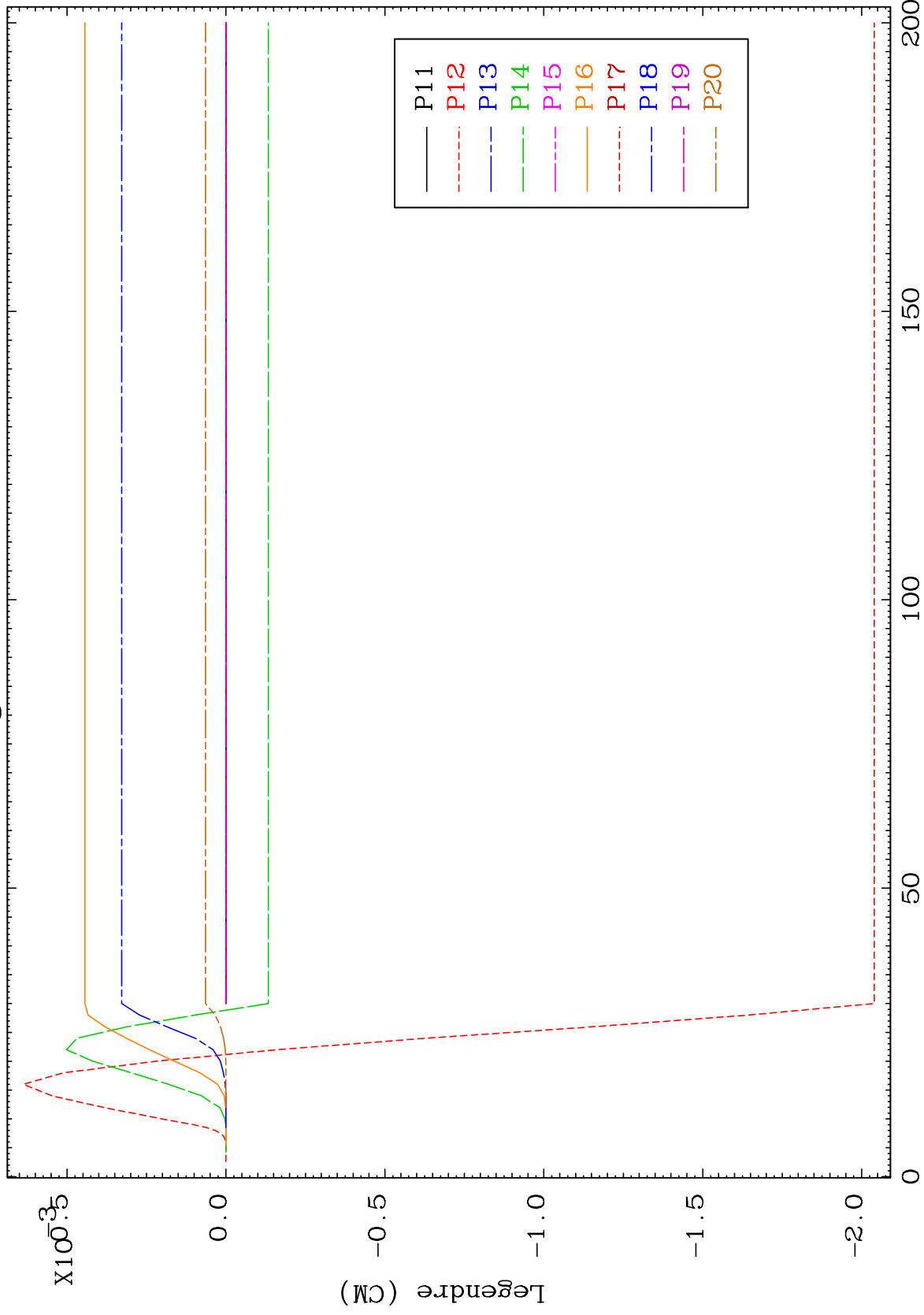
80-Hg-200



MAT 8037

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

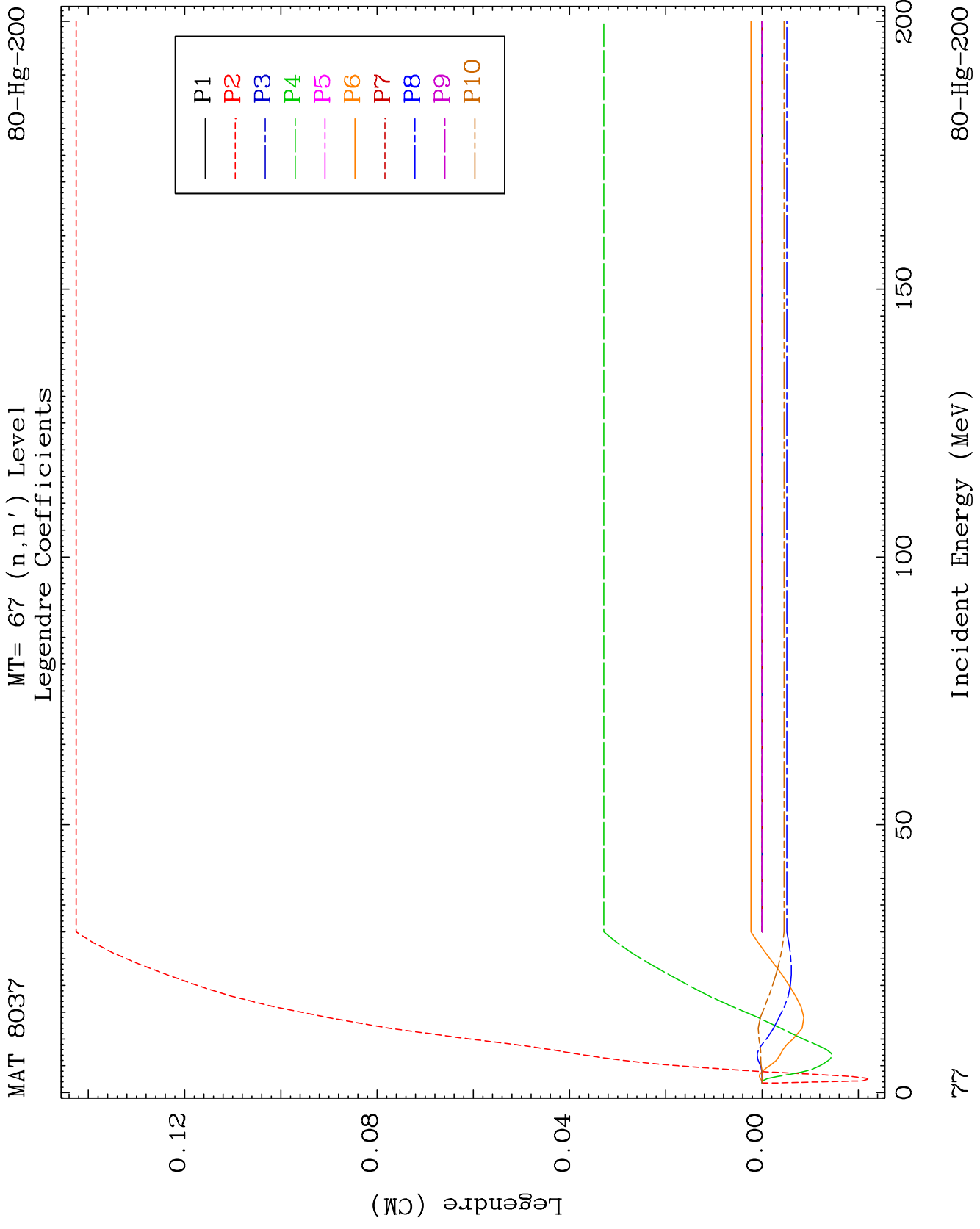
80-Hg-200



75

Incident Energy (MeV)

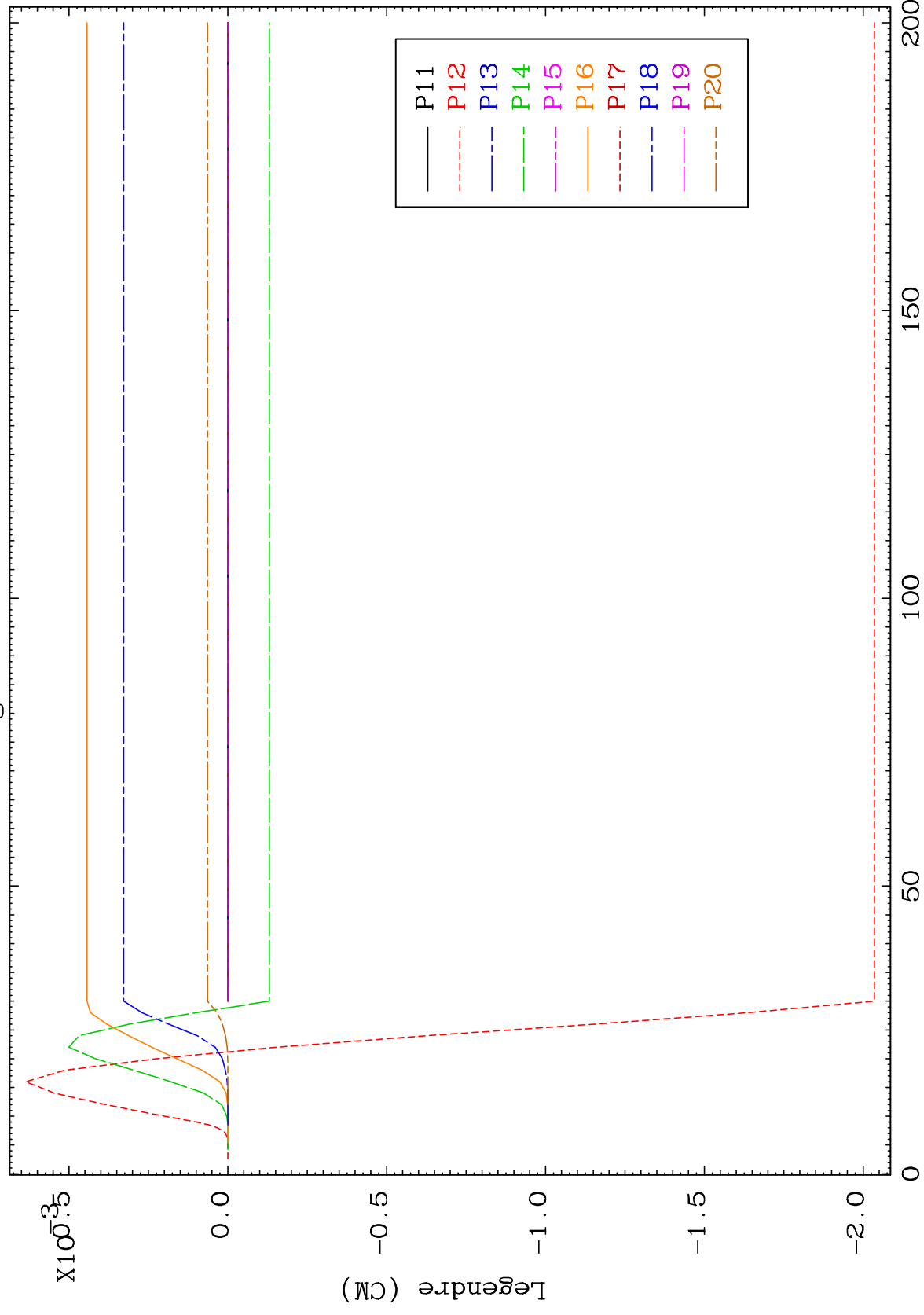
80-Hg-200



MAT 8037

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

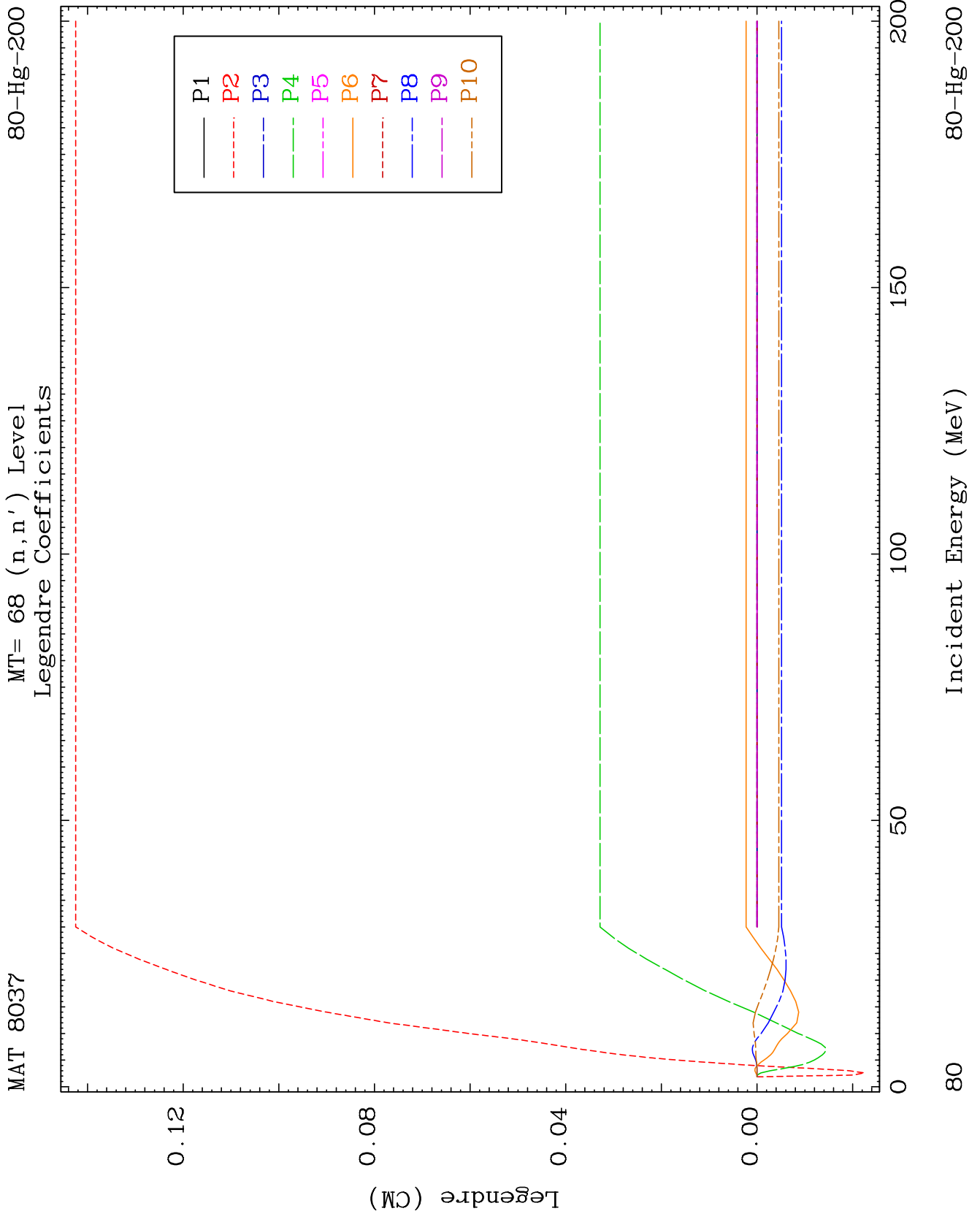
80-Hg-200



78

Incident Energy (MeV)

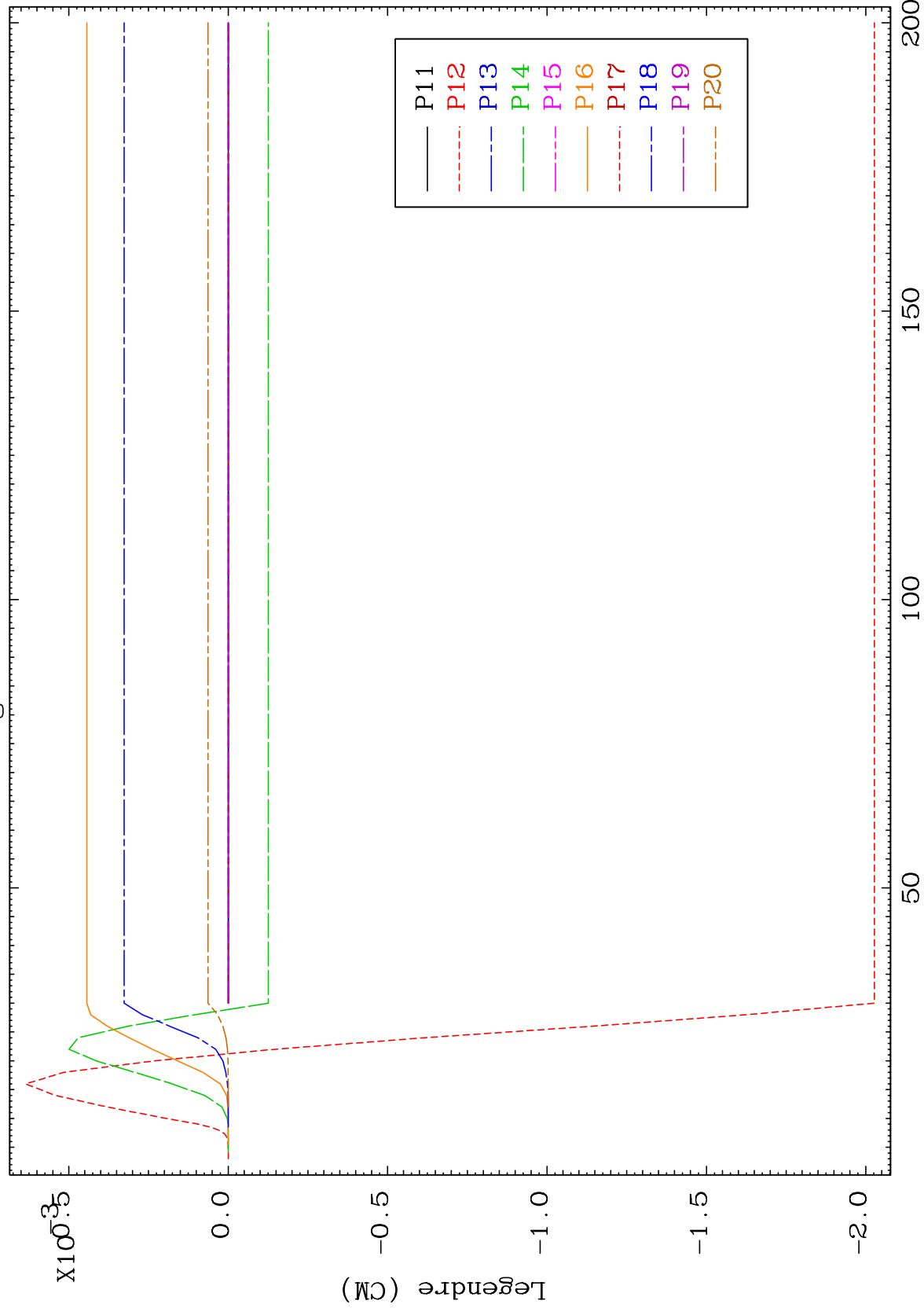
80-Hg-200

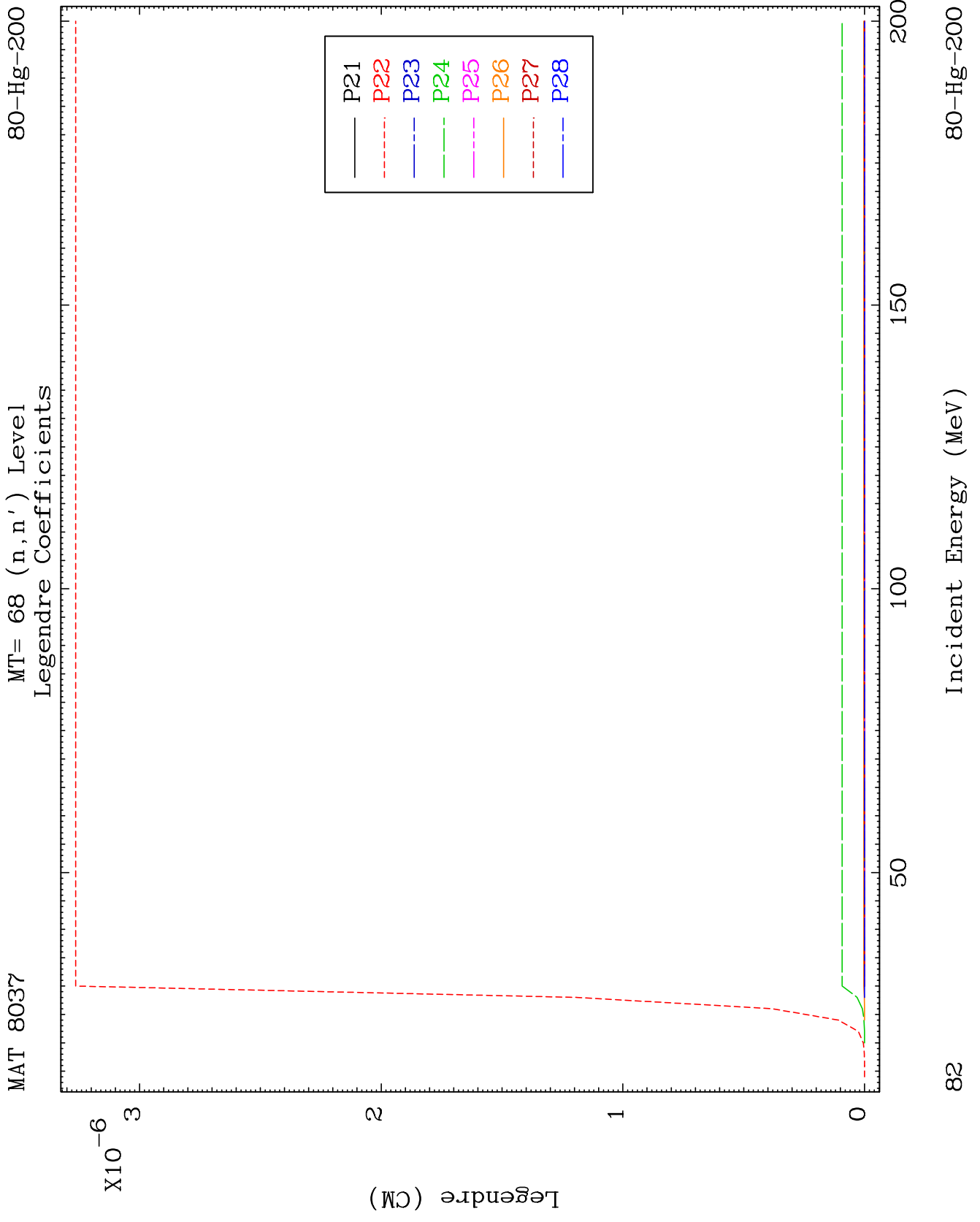


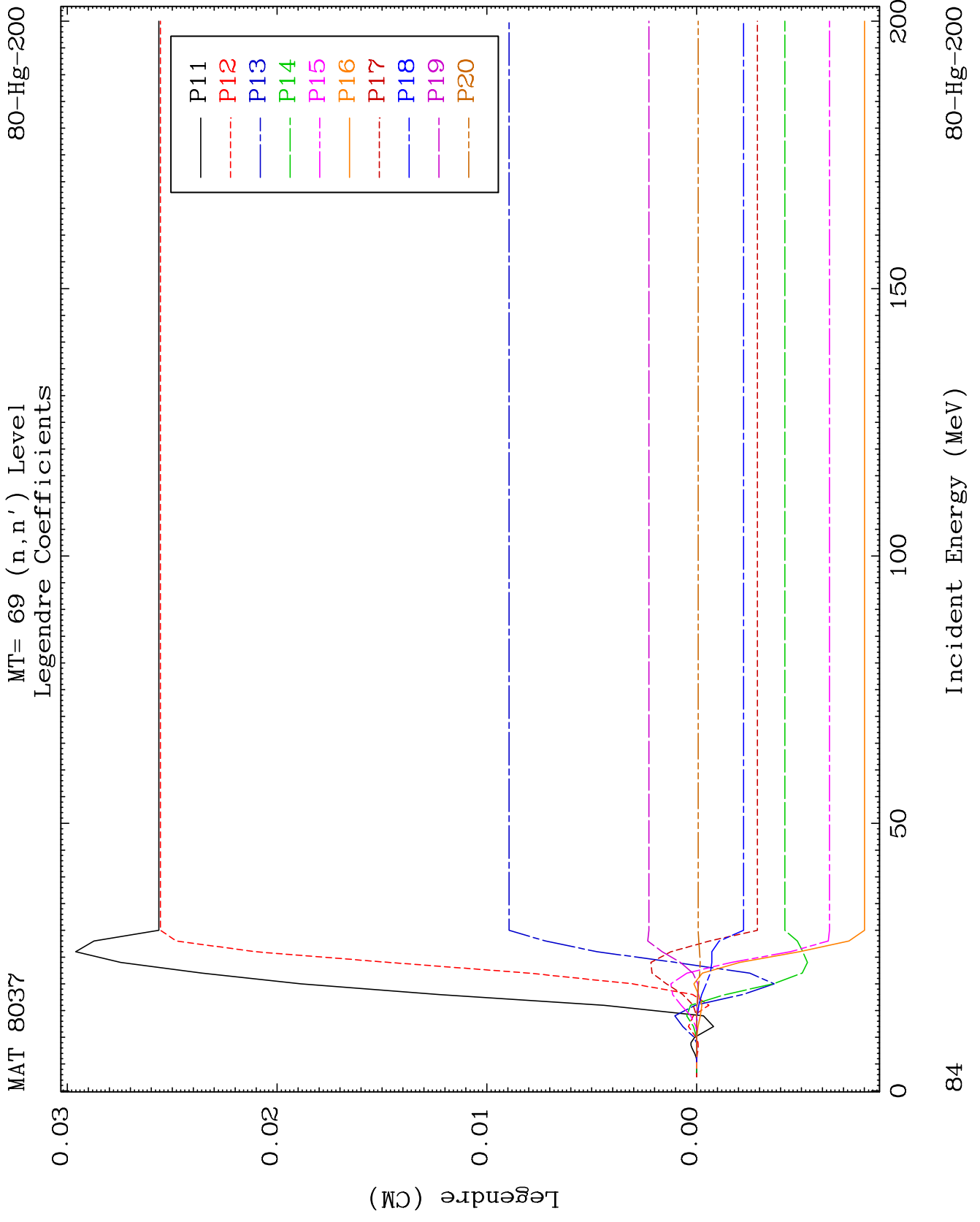
MAT 8037

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

80-Hg-200



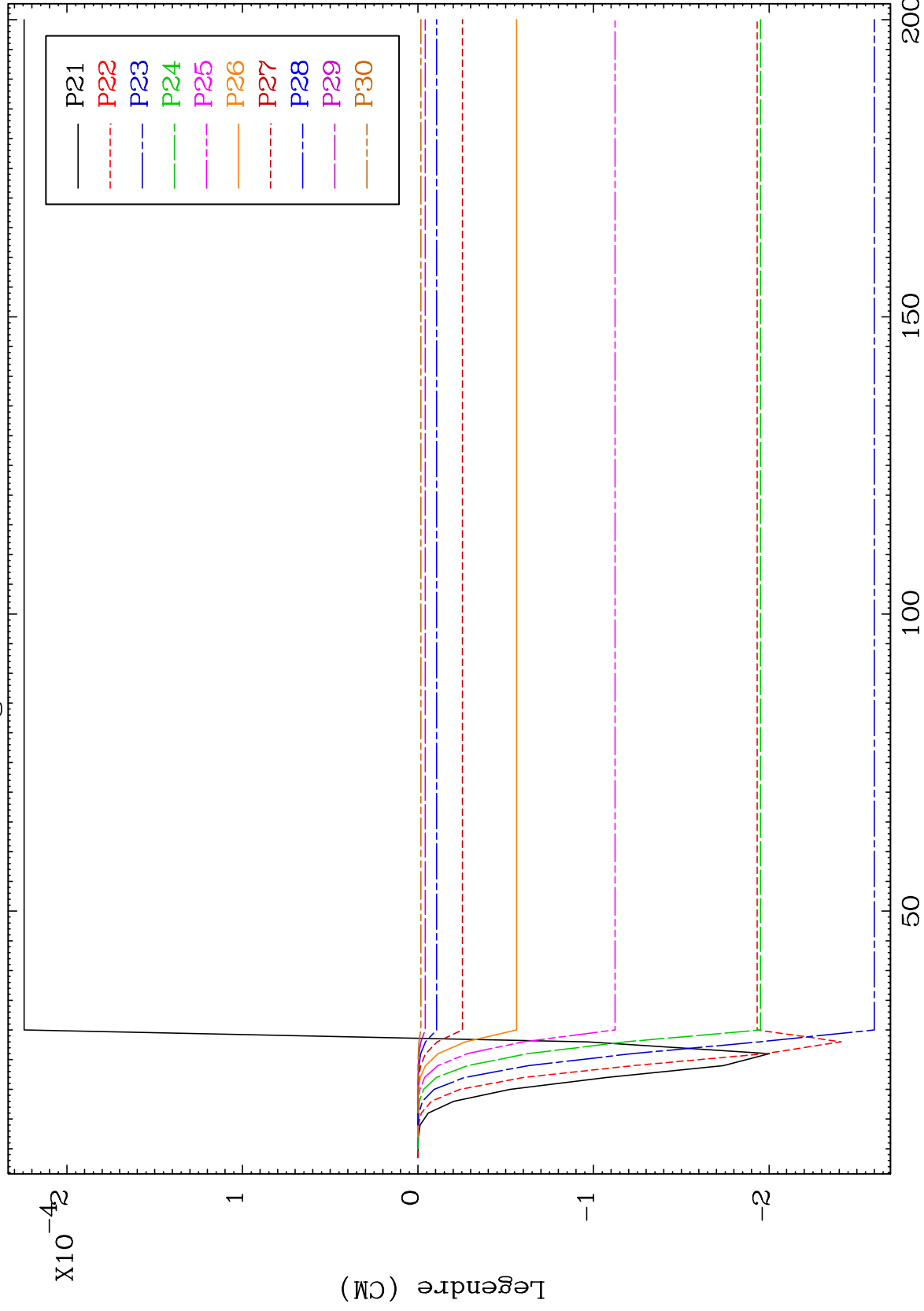




MAT 8037

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

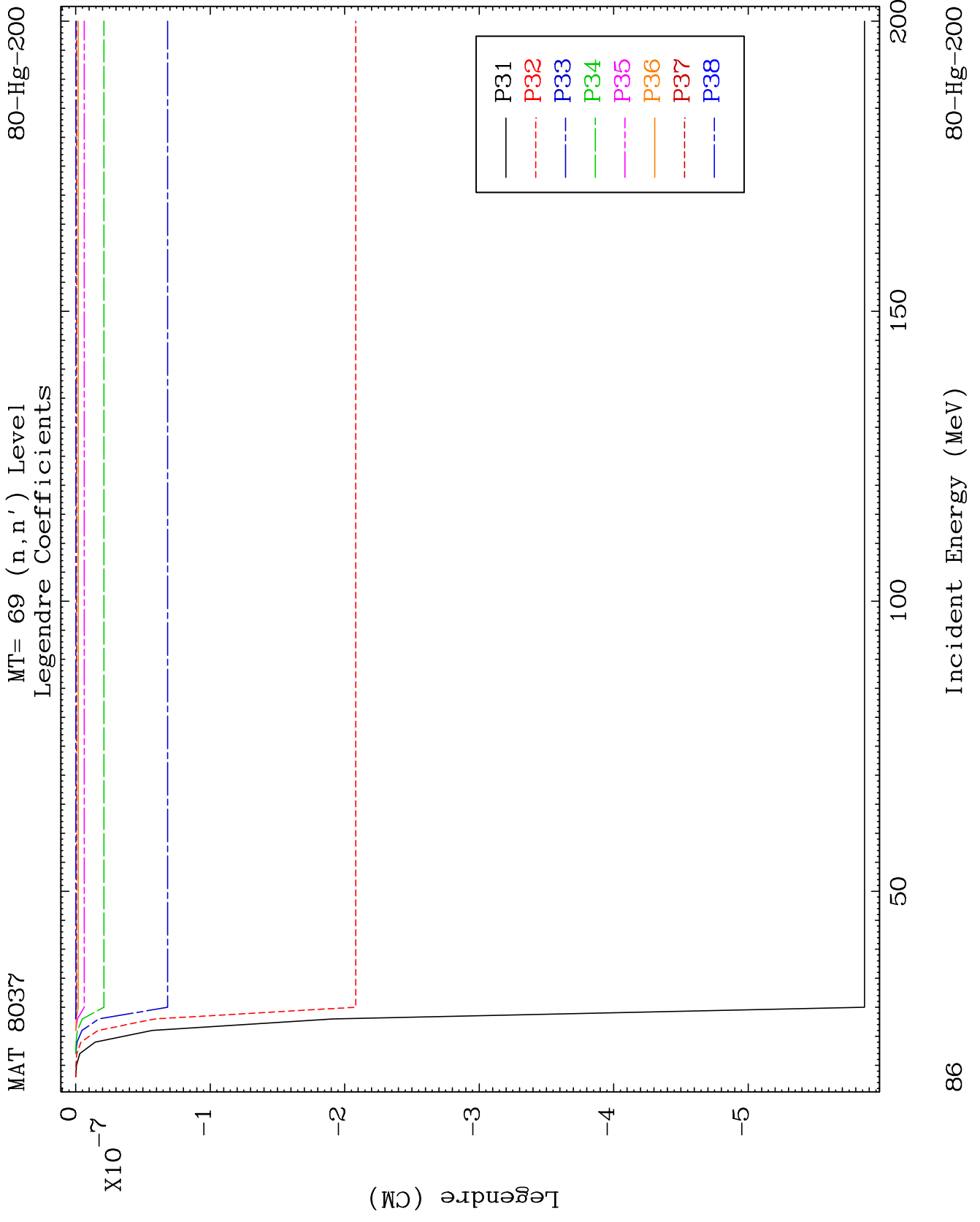
80-Hg-200

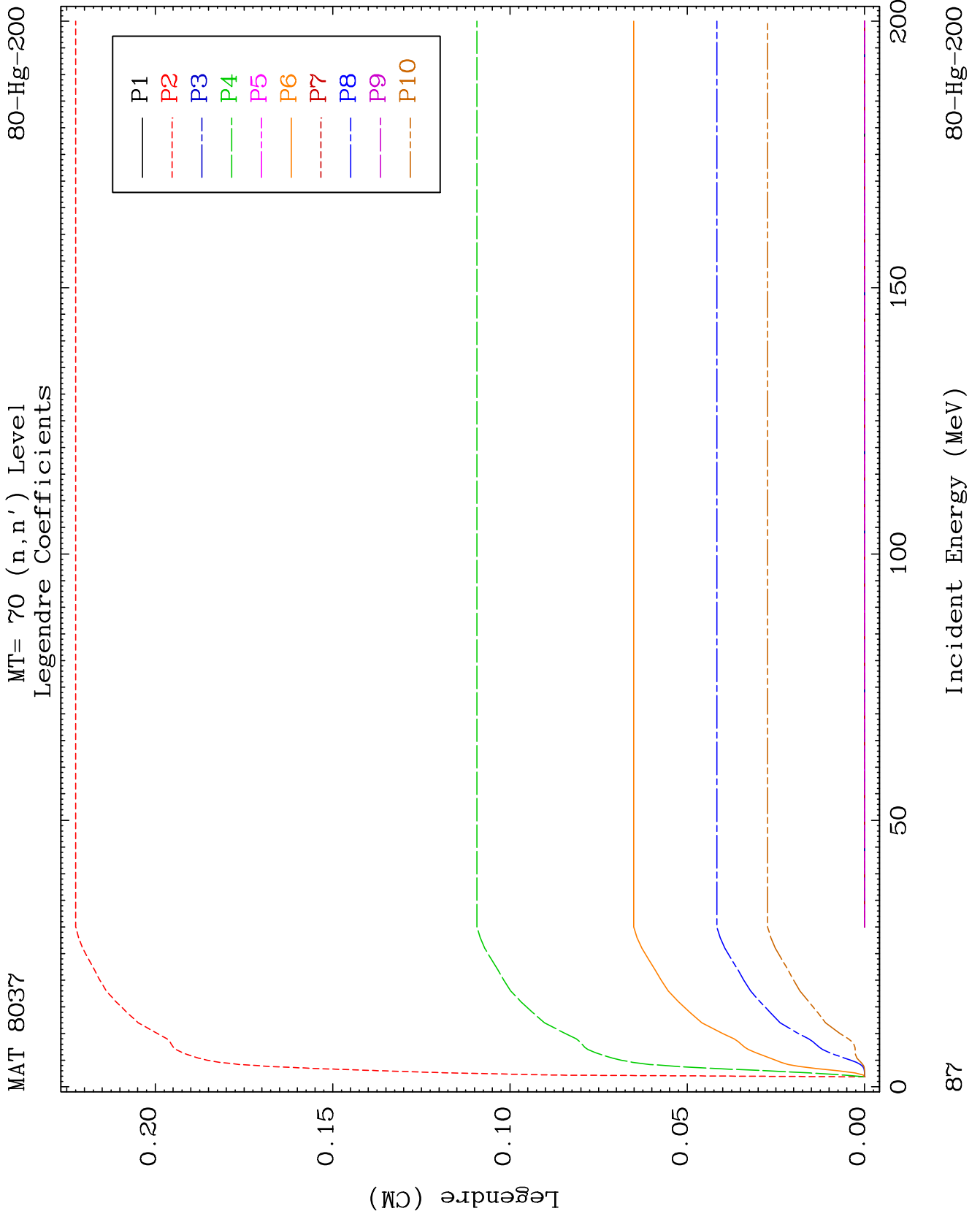


85

Incident Energy (MeV)

80-Hg-200

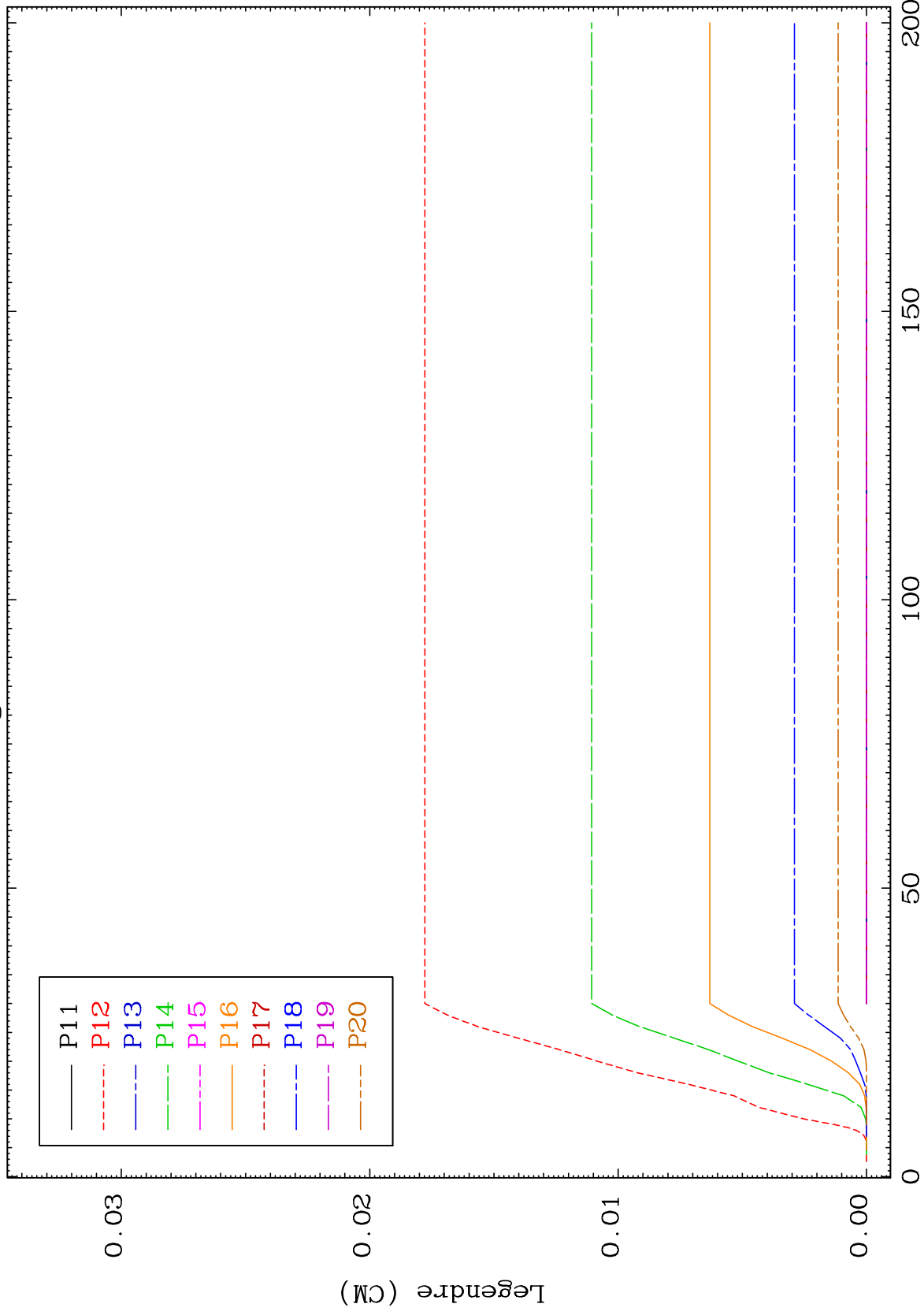




MAT 8037

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

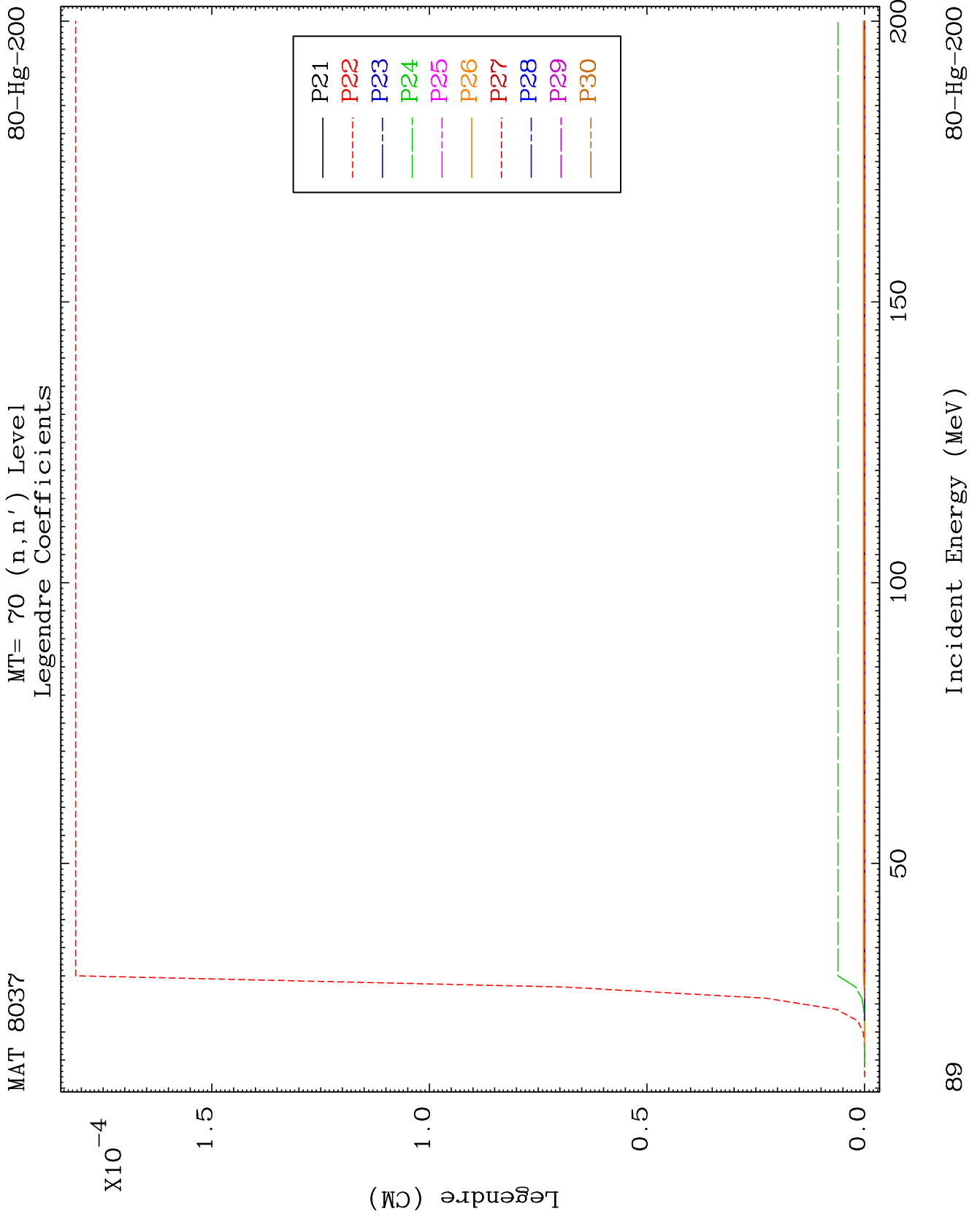
80-Hg-200



88

Incident Energy (MeV)

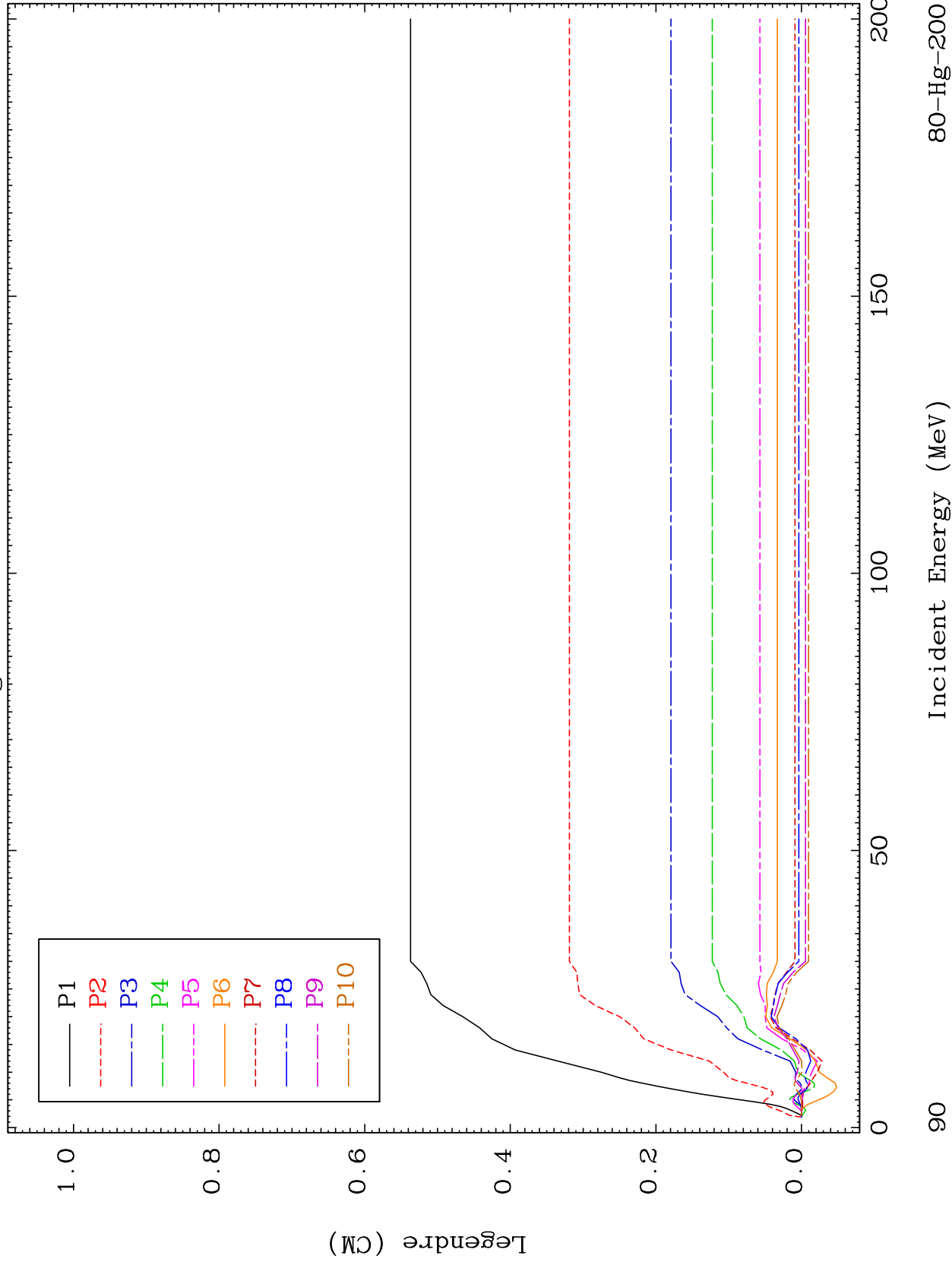
80-Hg-200



MAT 8037

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

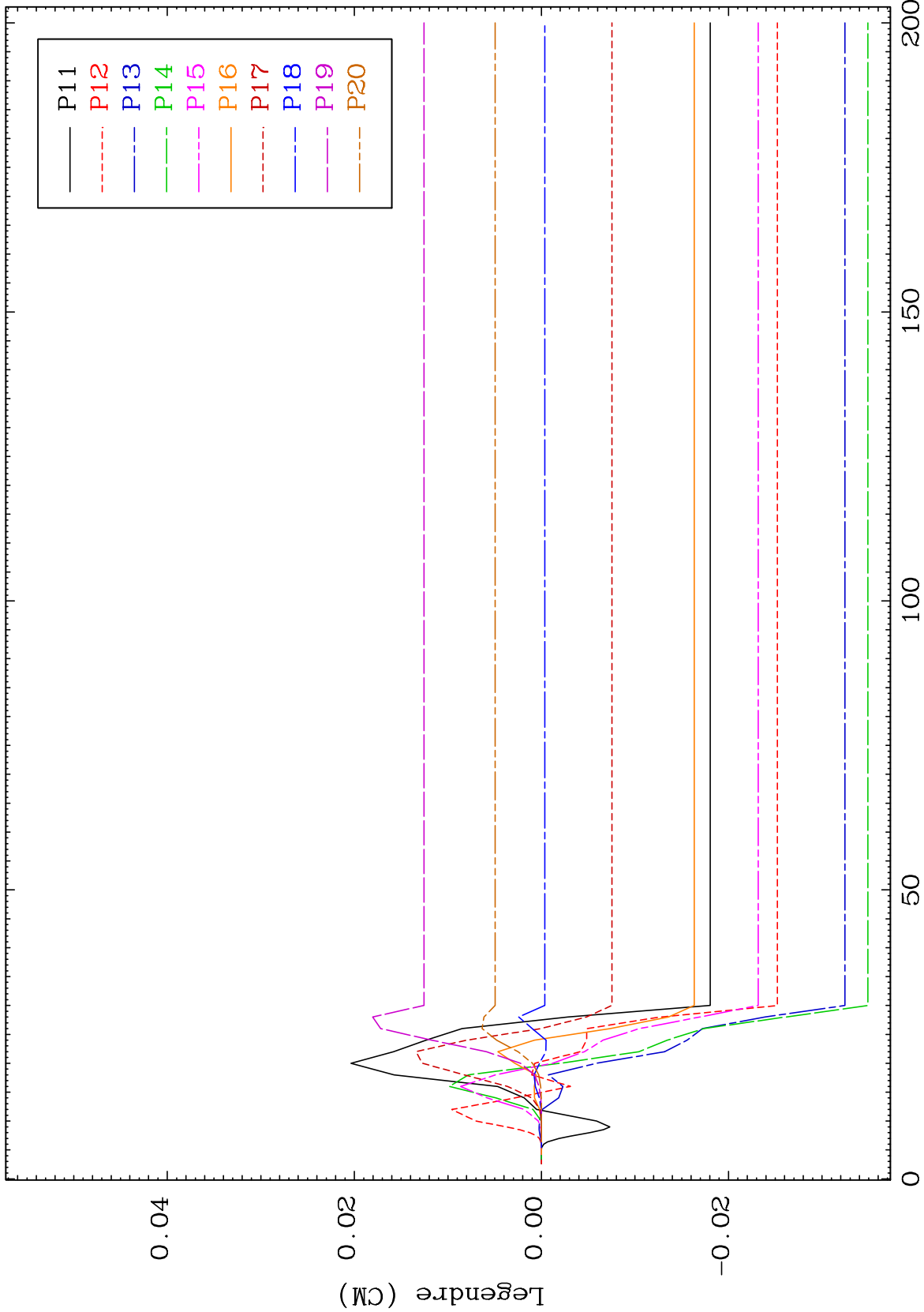
80-Hg-200



MAT 8037

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

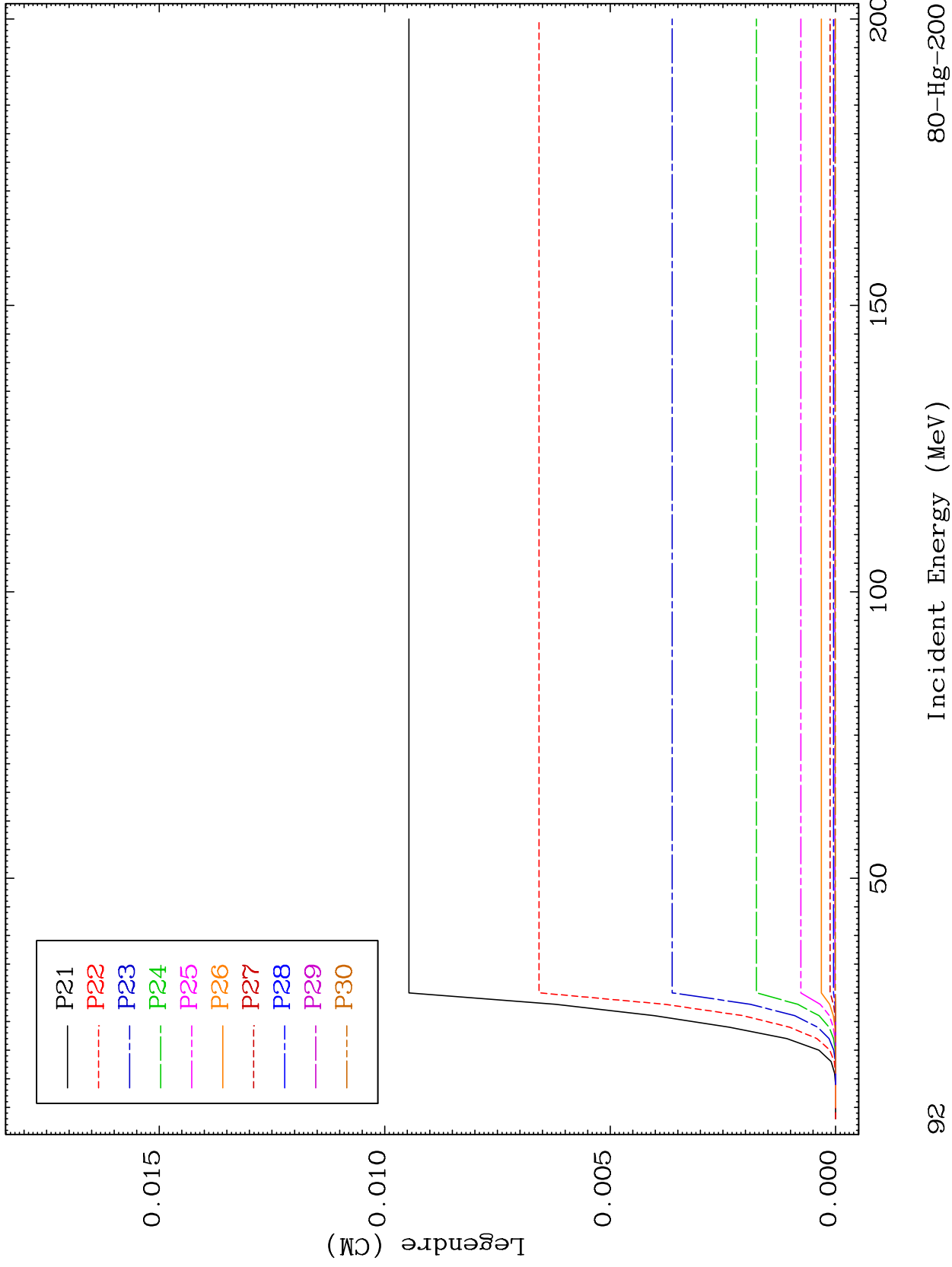
80-Hg-200



MAT 8037

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

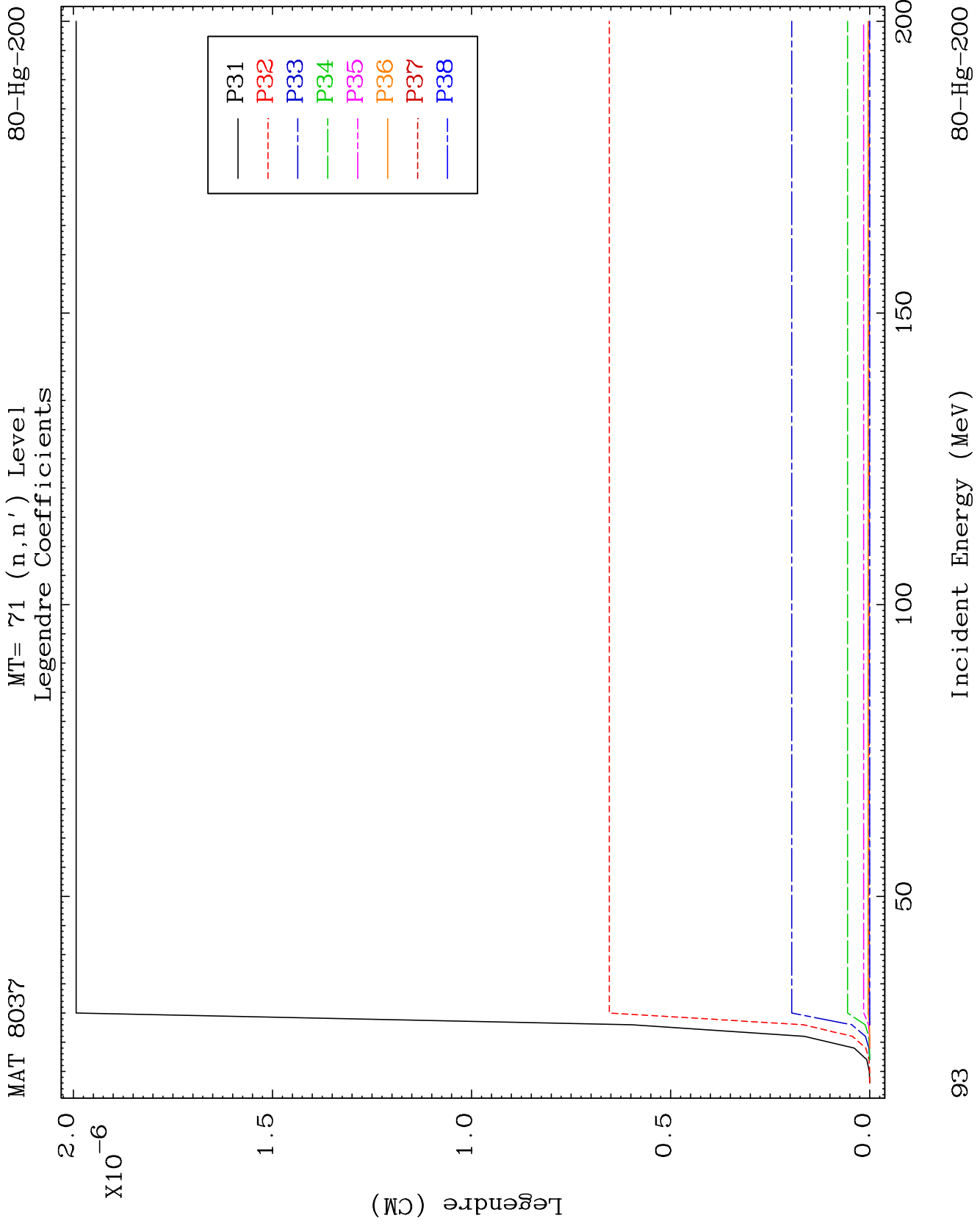
80-Hg-200



92

Incident Energy (MeV)

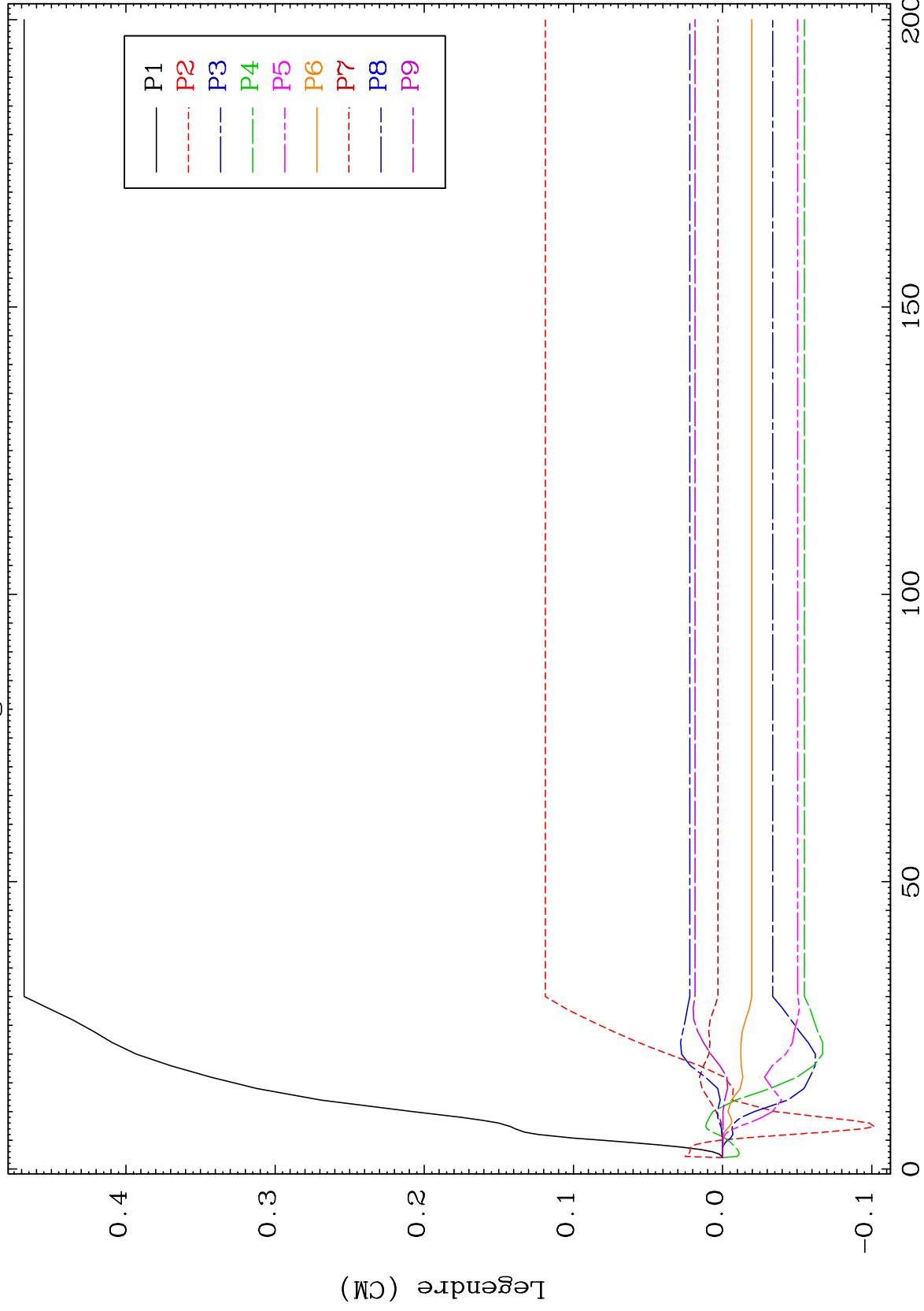
80-Hg-200



MAT 8037

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

80-Hg-200



94

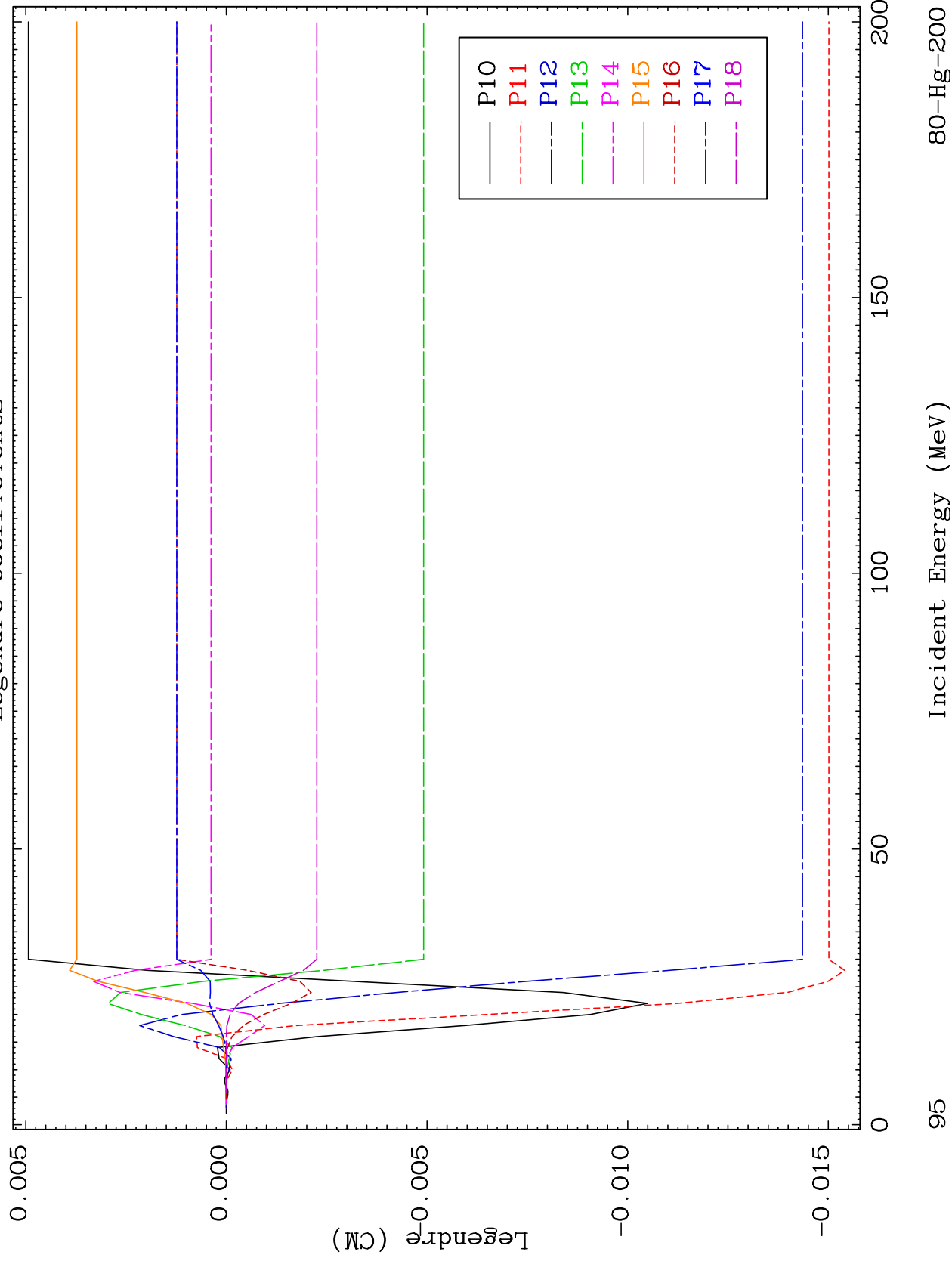
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

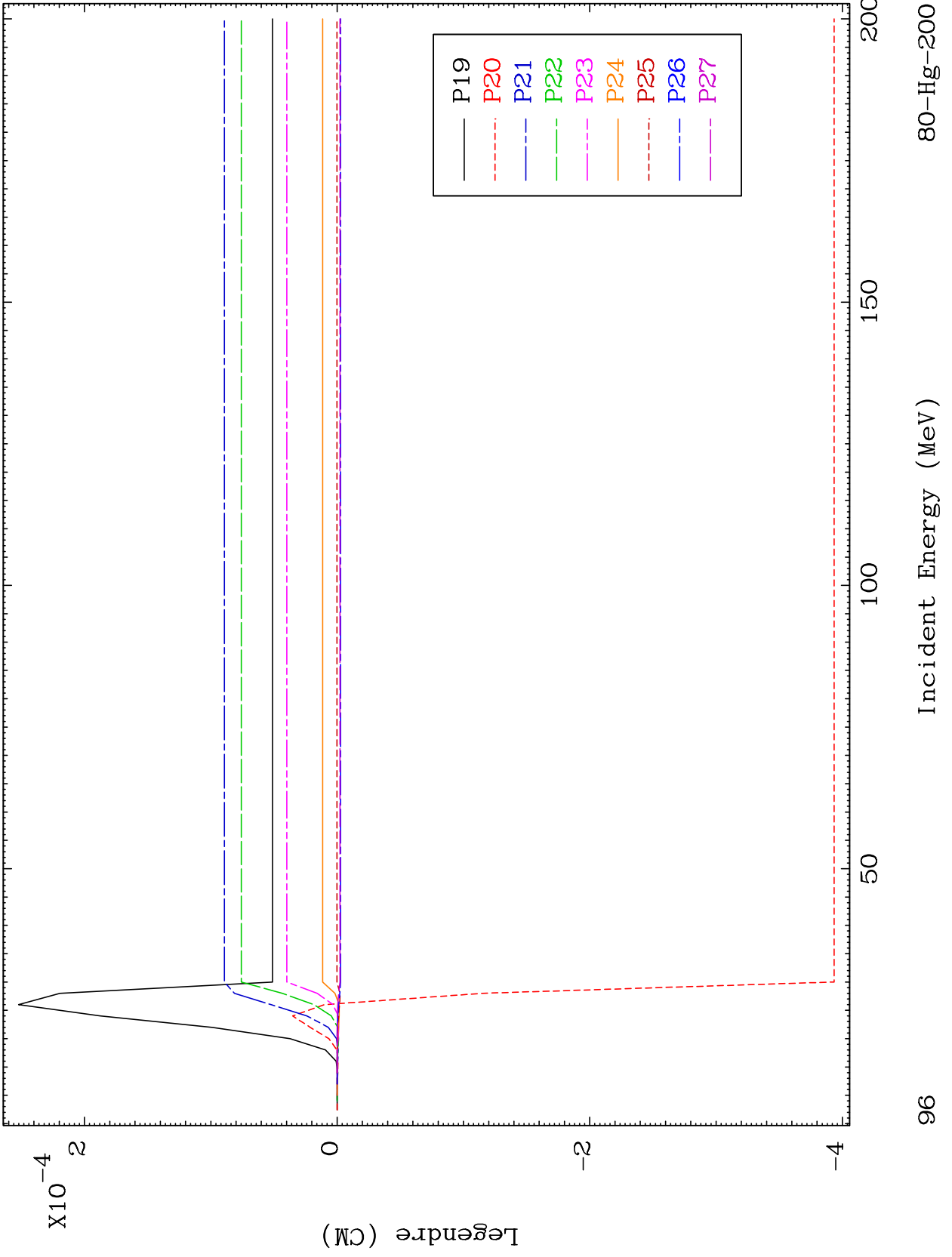
80-Hg-200



MAT 8037

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

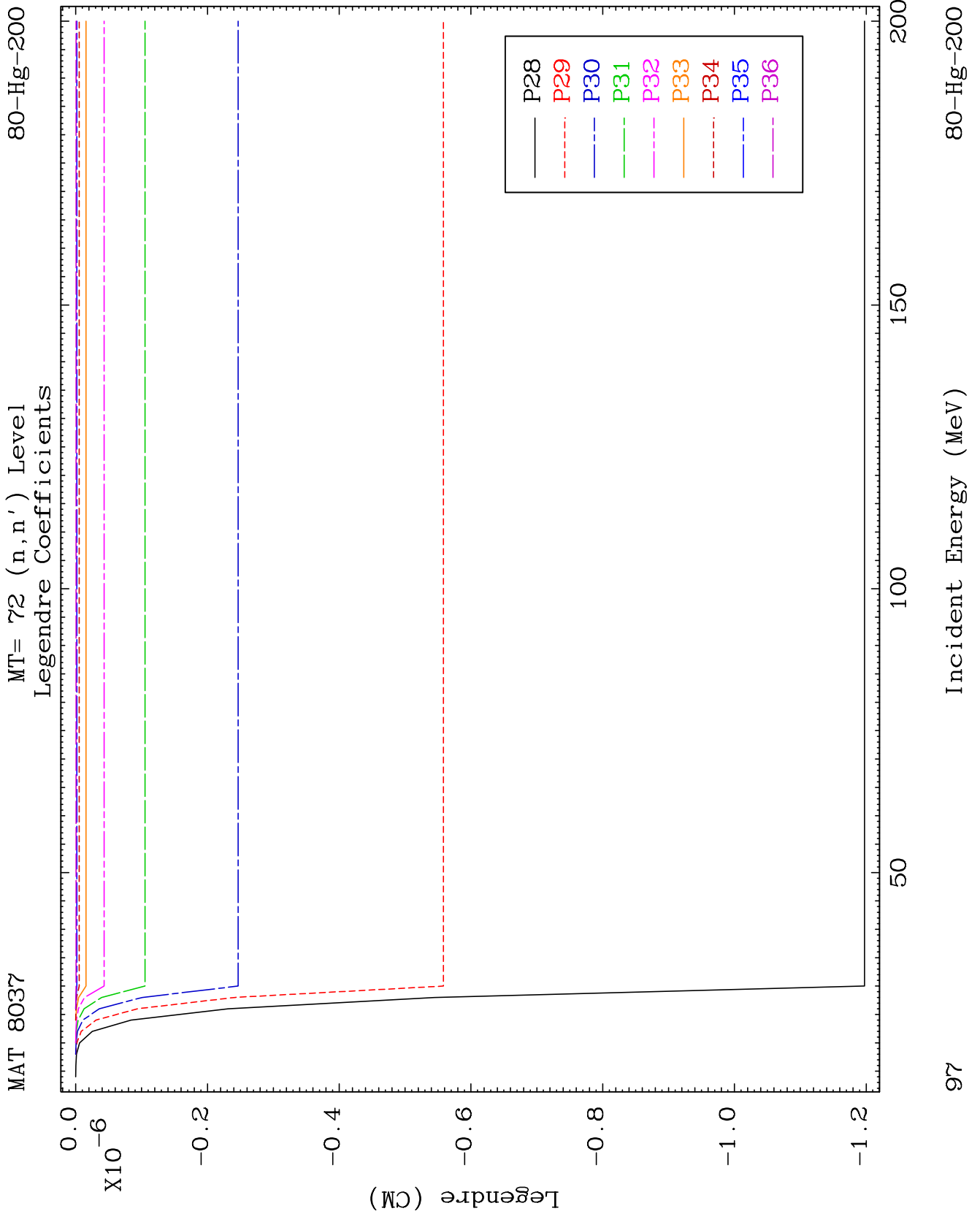
80-Hg-200



96

Incident Energy (MeV)

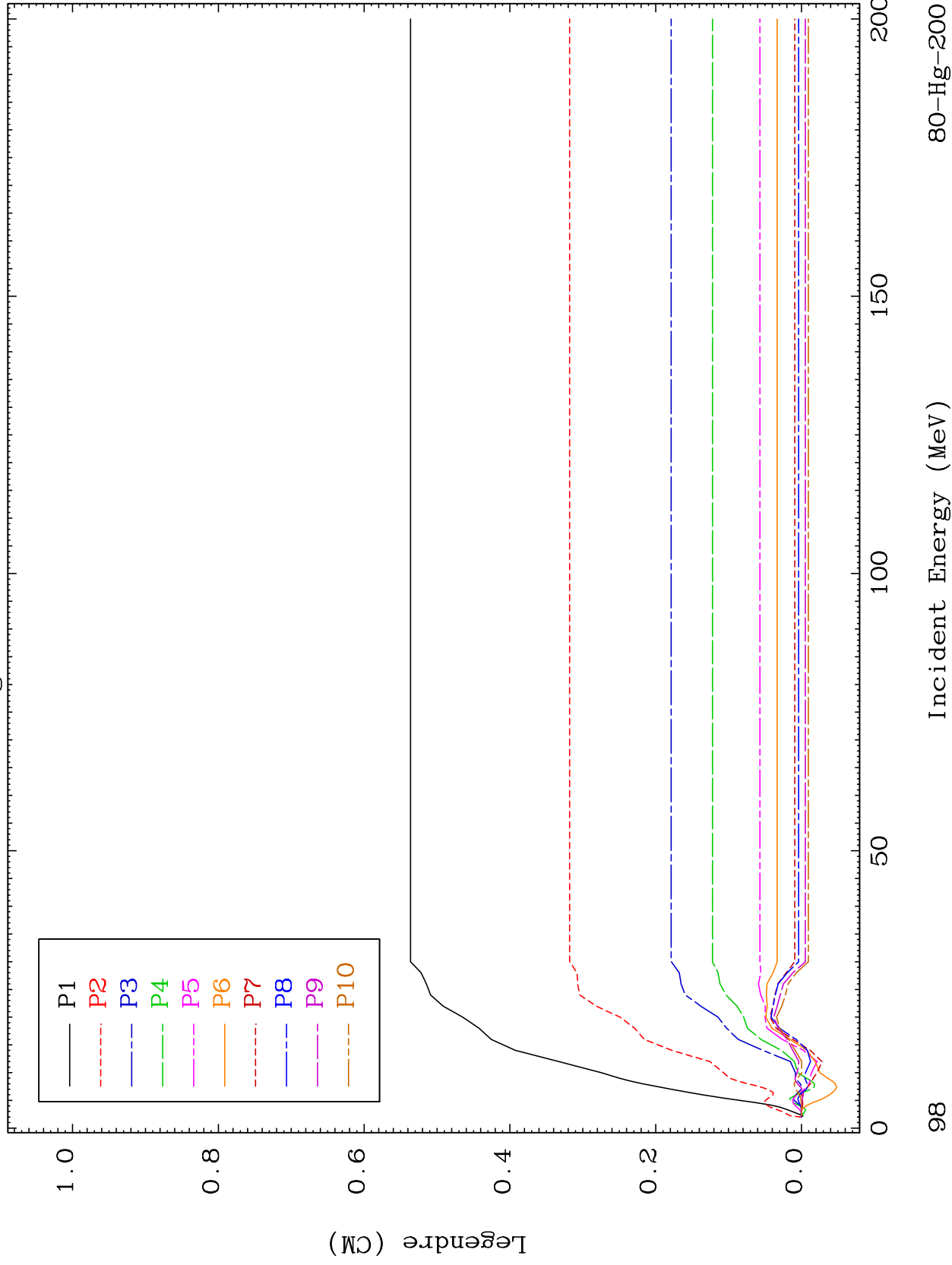
80-Hg-200



MAT 8037

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

80-Hg-200



98

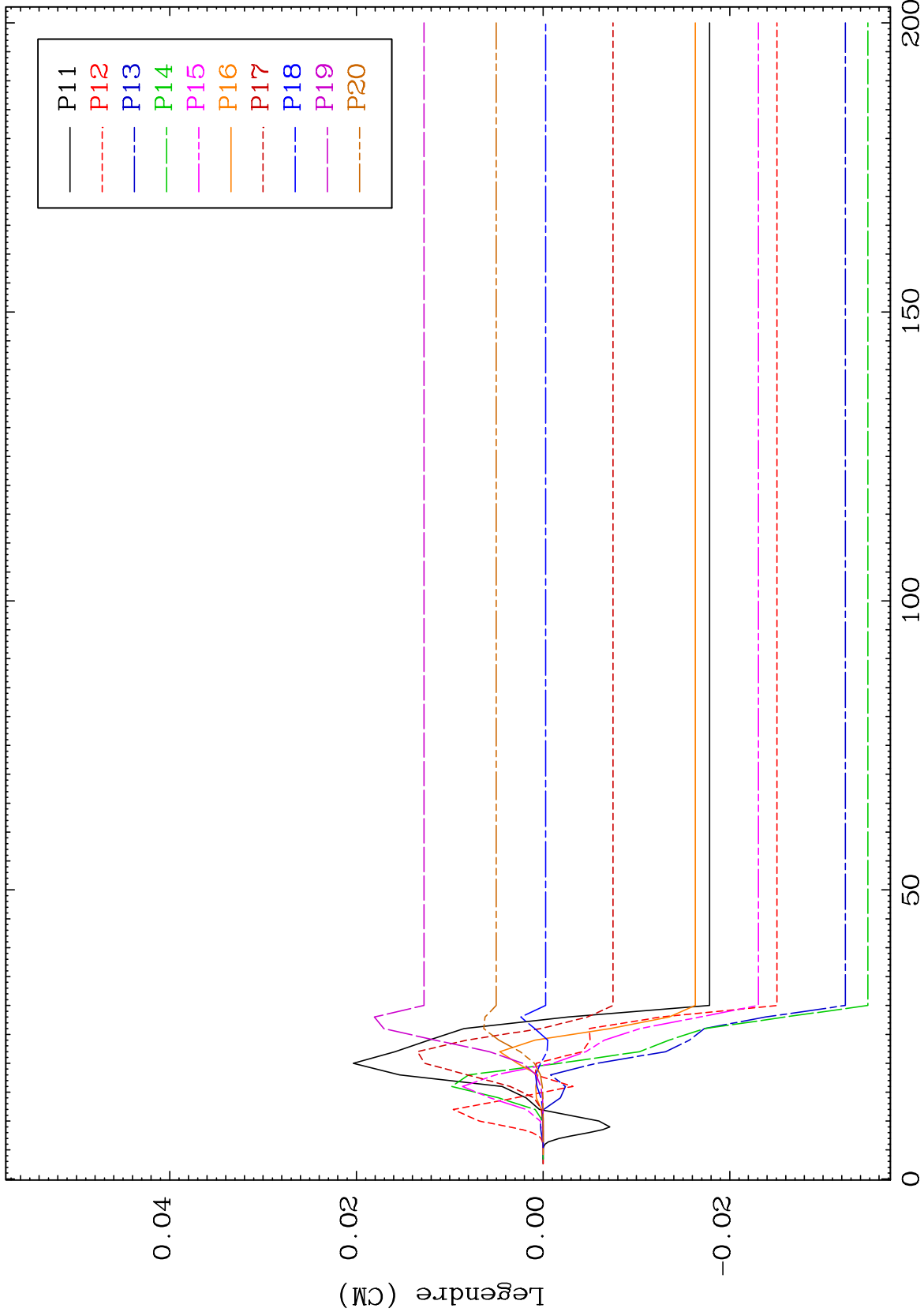
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



99

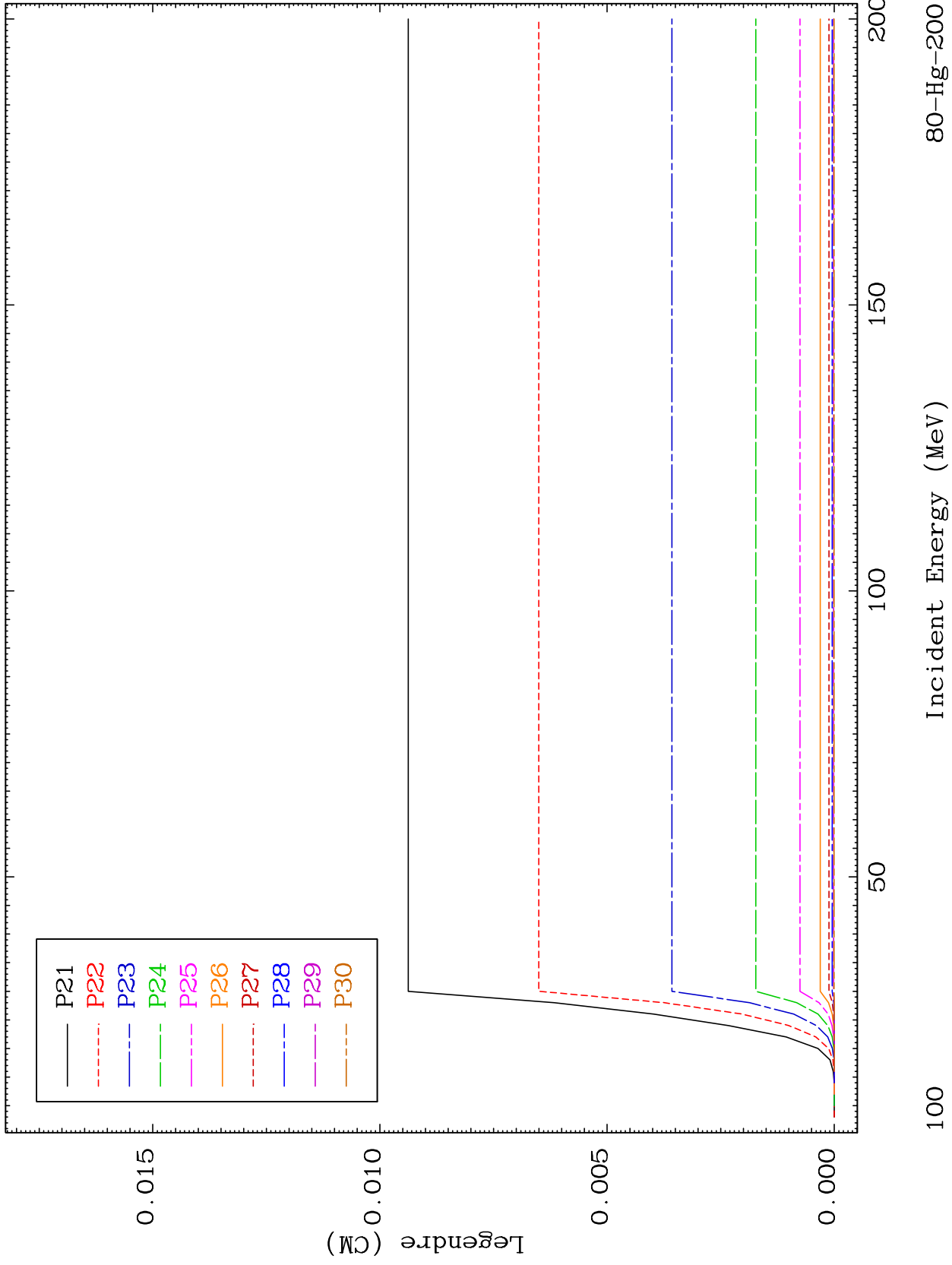
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

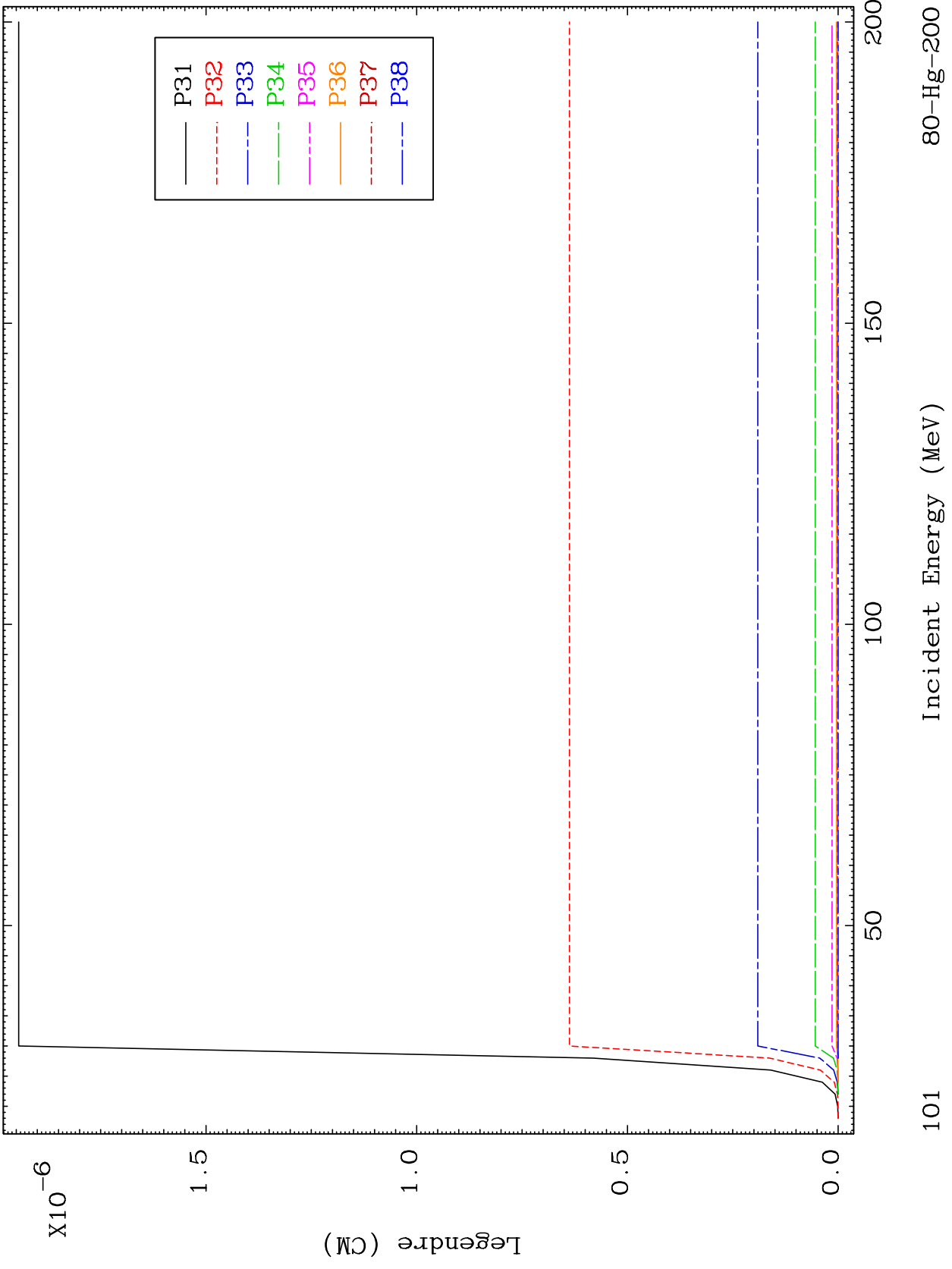
80-Hg-200



MAT 8037

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

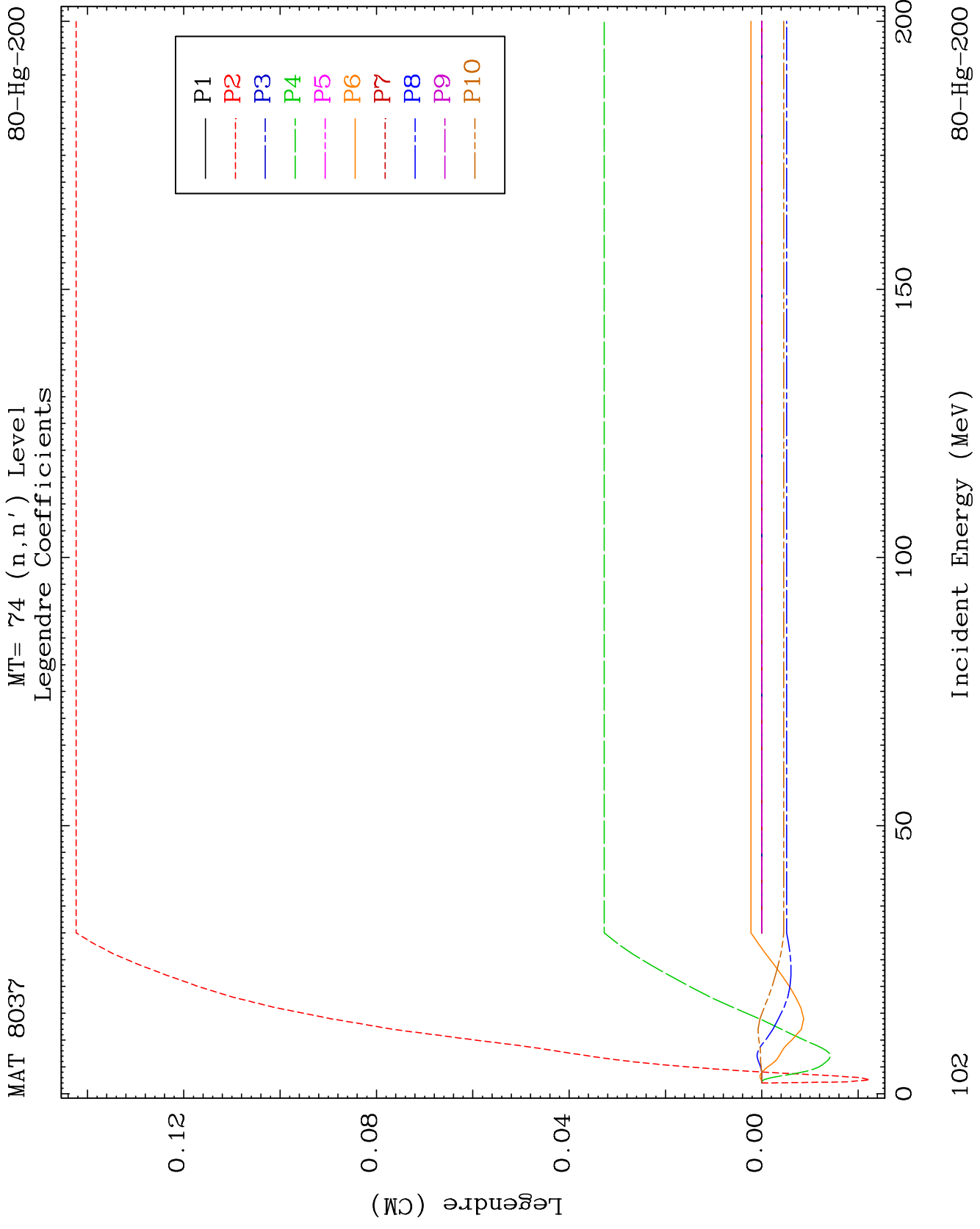
80-Hg-200



101

Incident Energy (MeV)

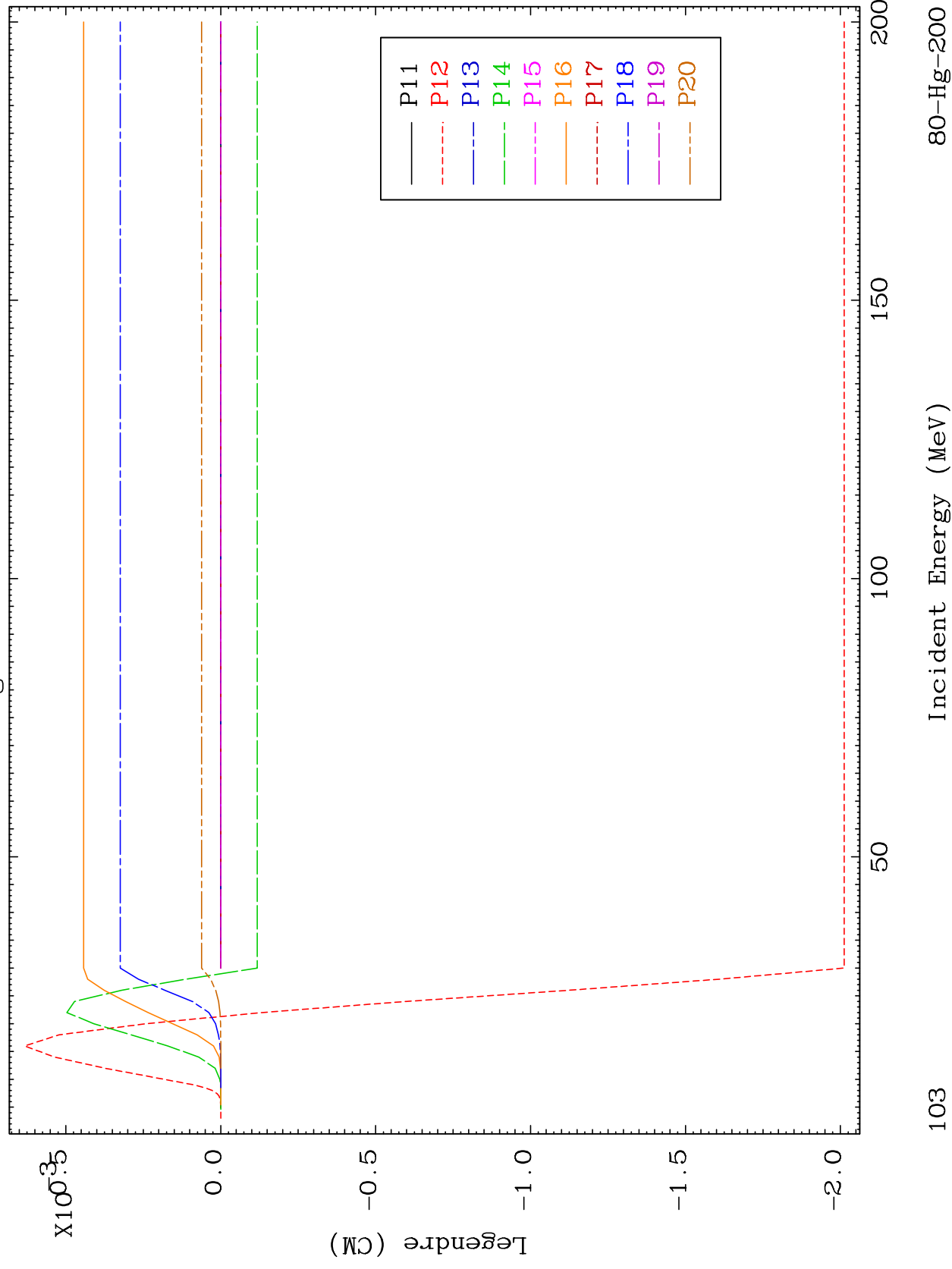
80-Hg-200



MAT 8037

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

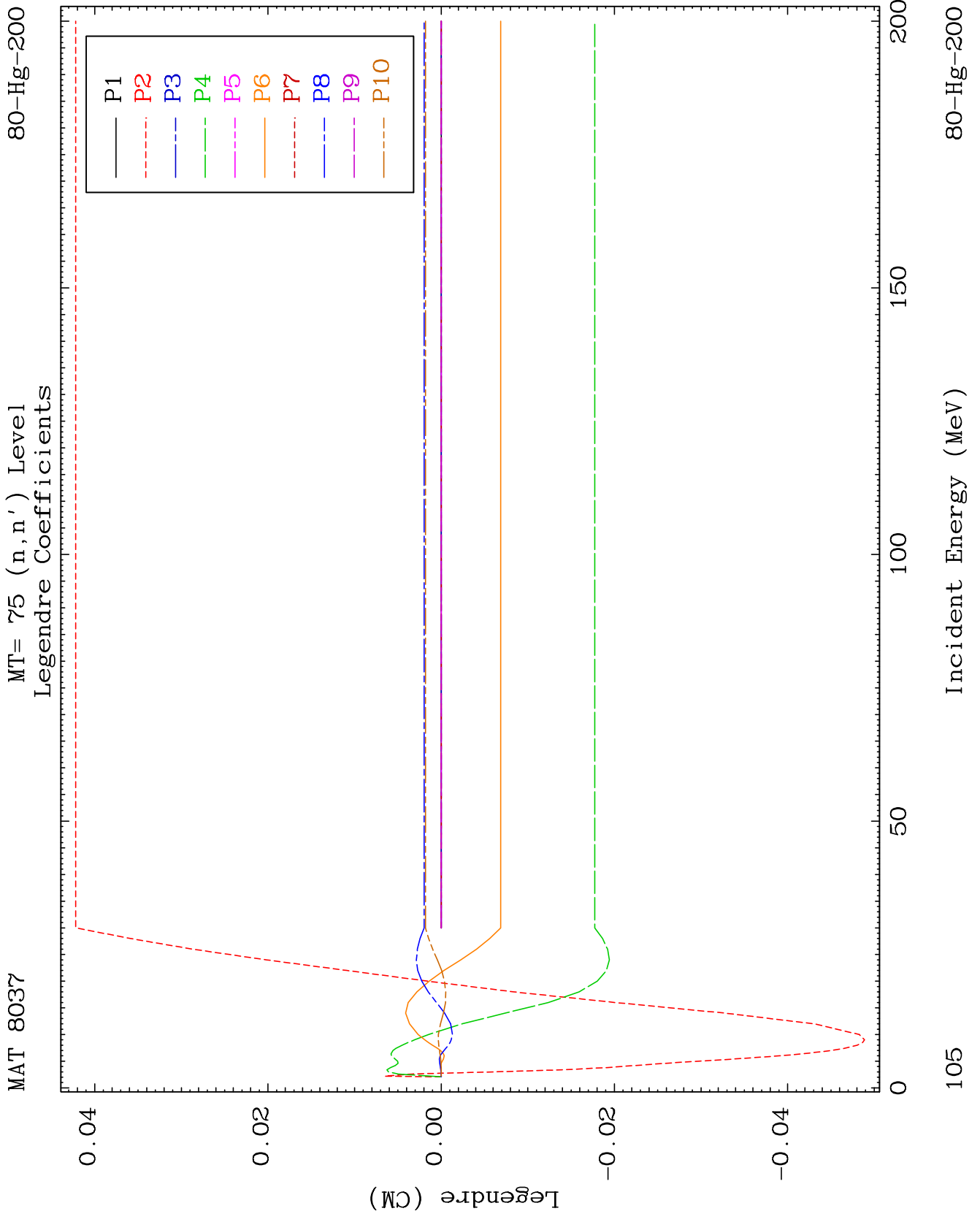
80-Hg-200



103

Incident Energy (MeV)

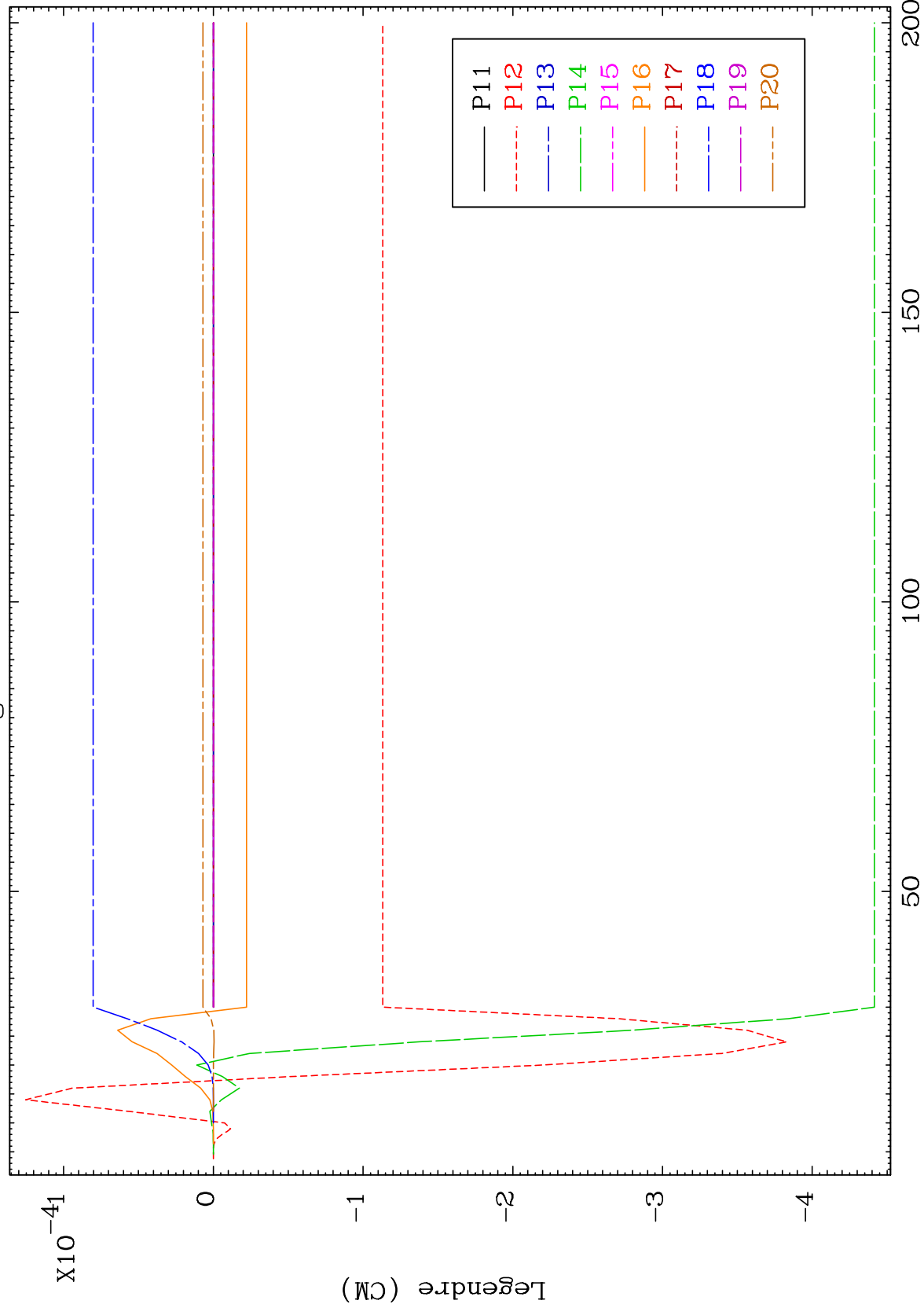
80-Hg-200



MAT 8037

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

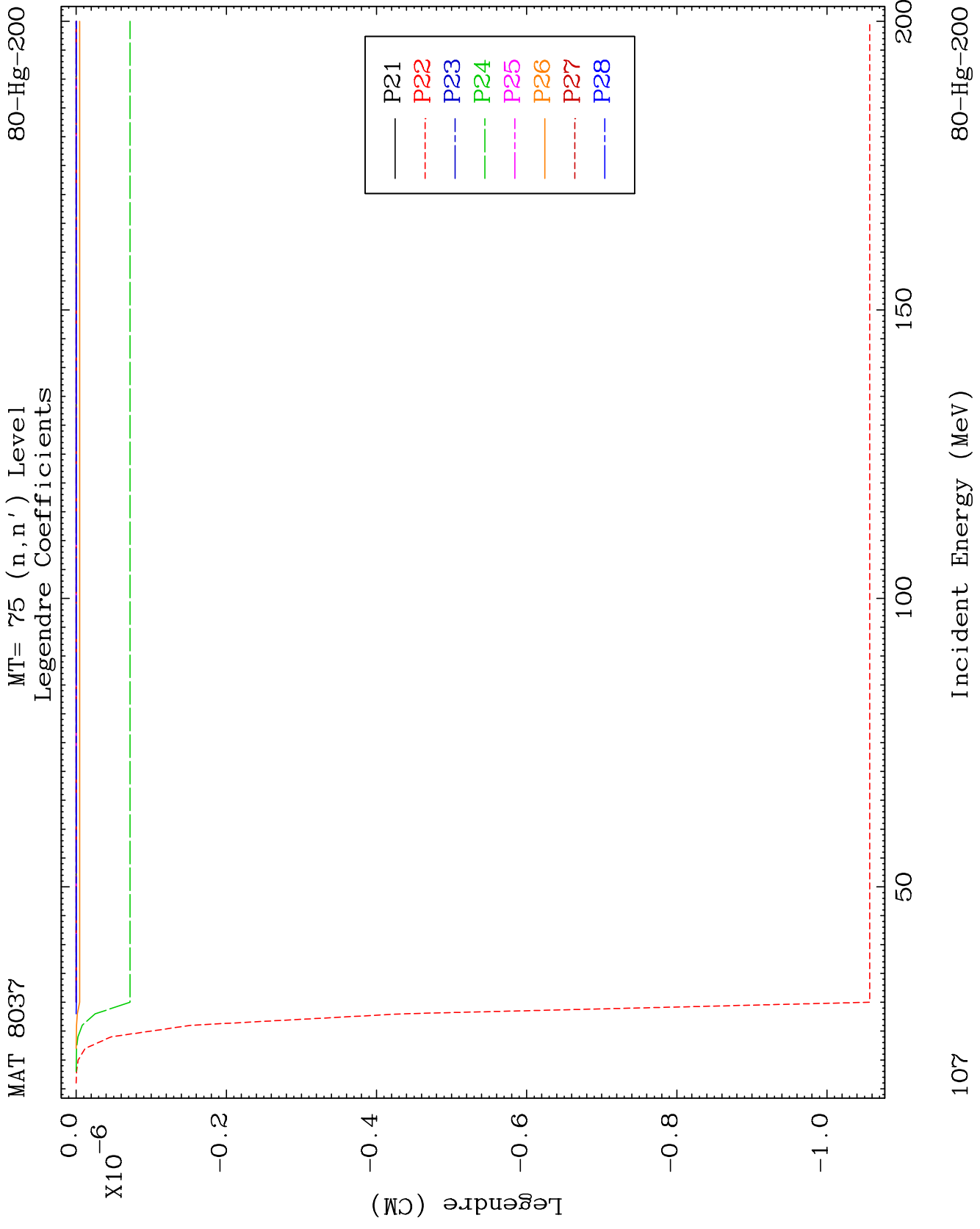
80-Hg-200

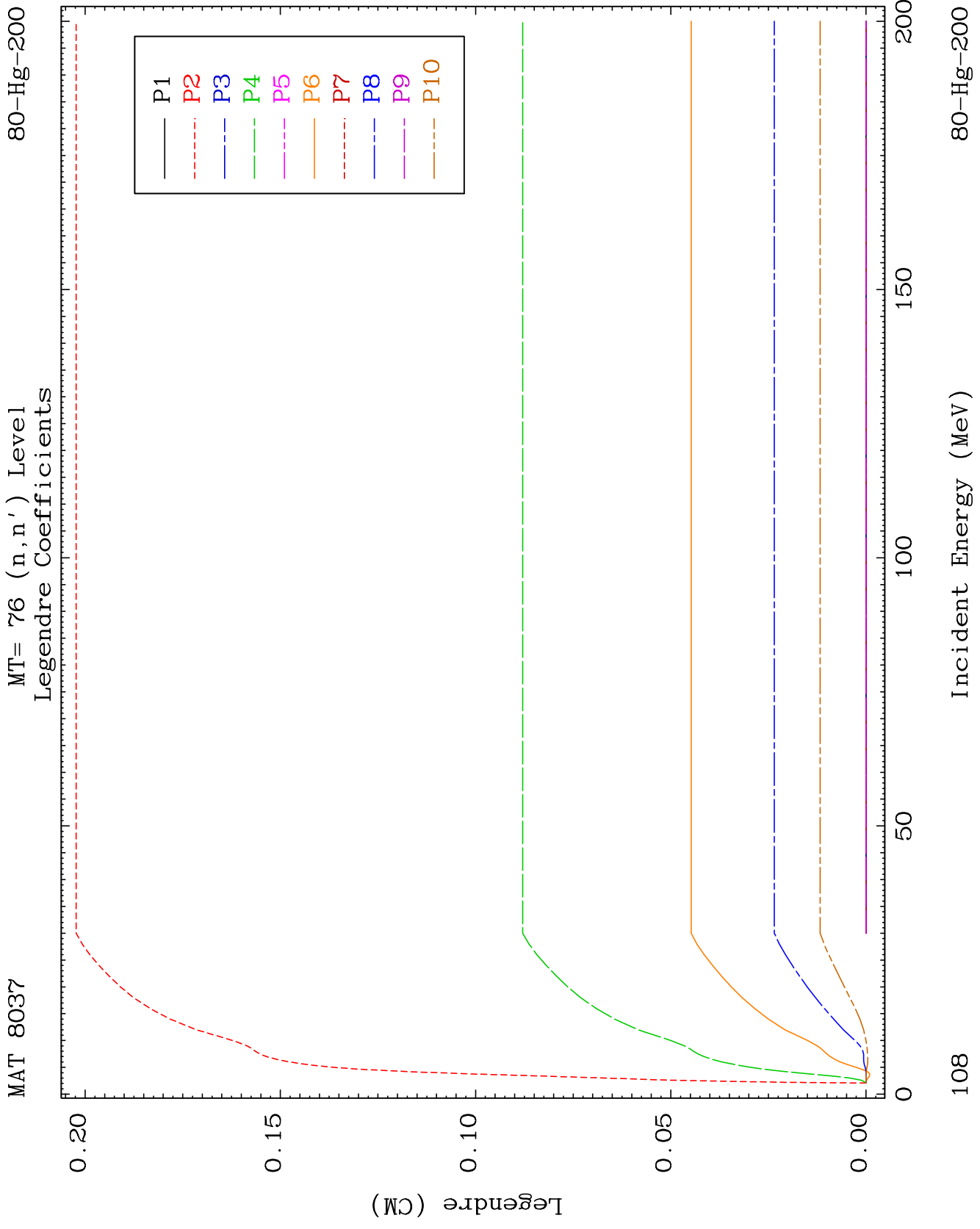


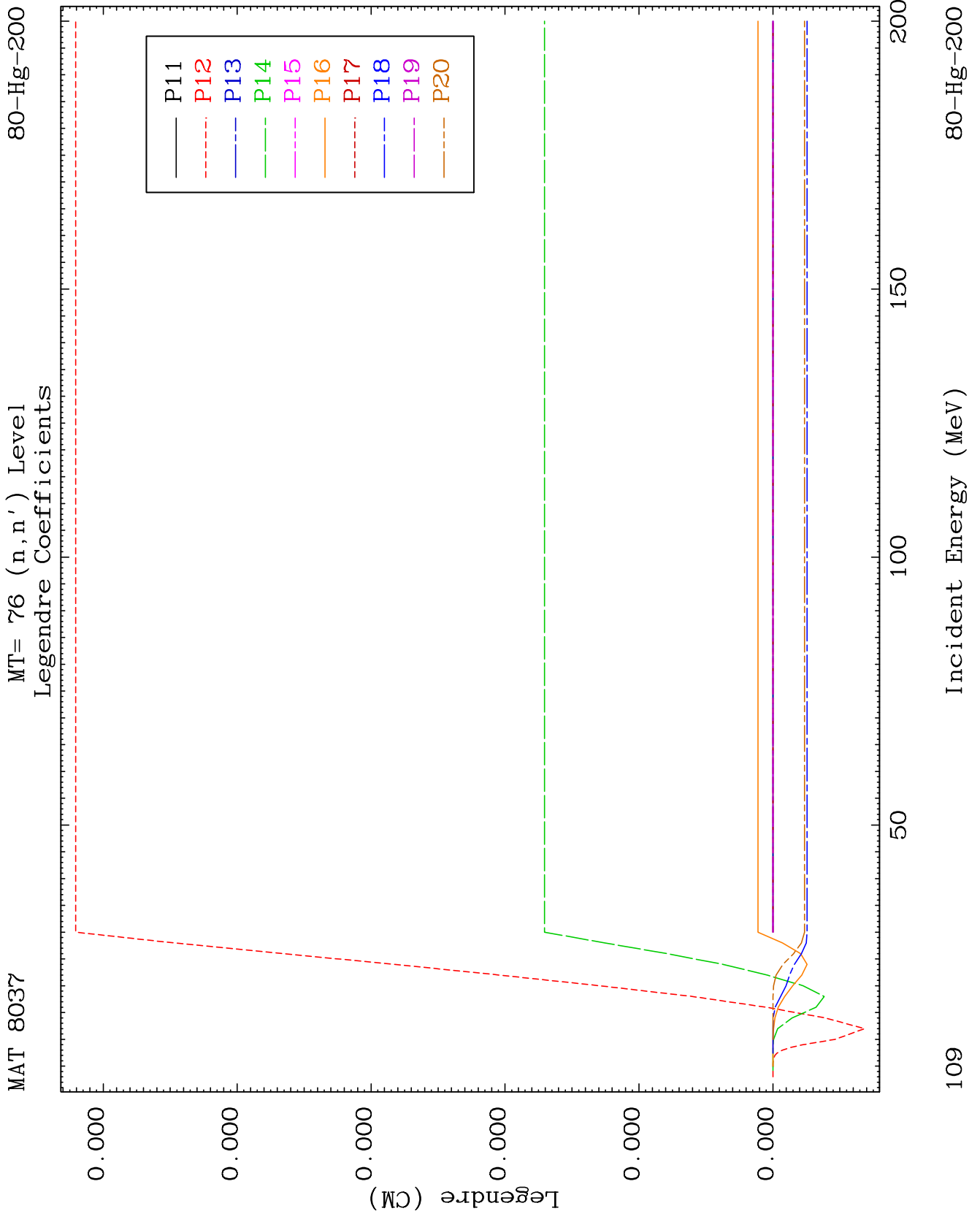
106

Incident Energy (MeV)

80-Hg-200



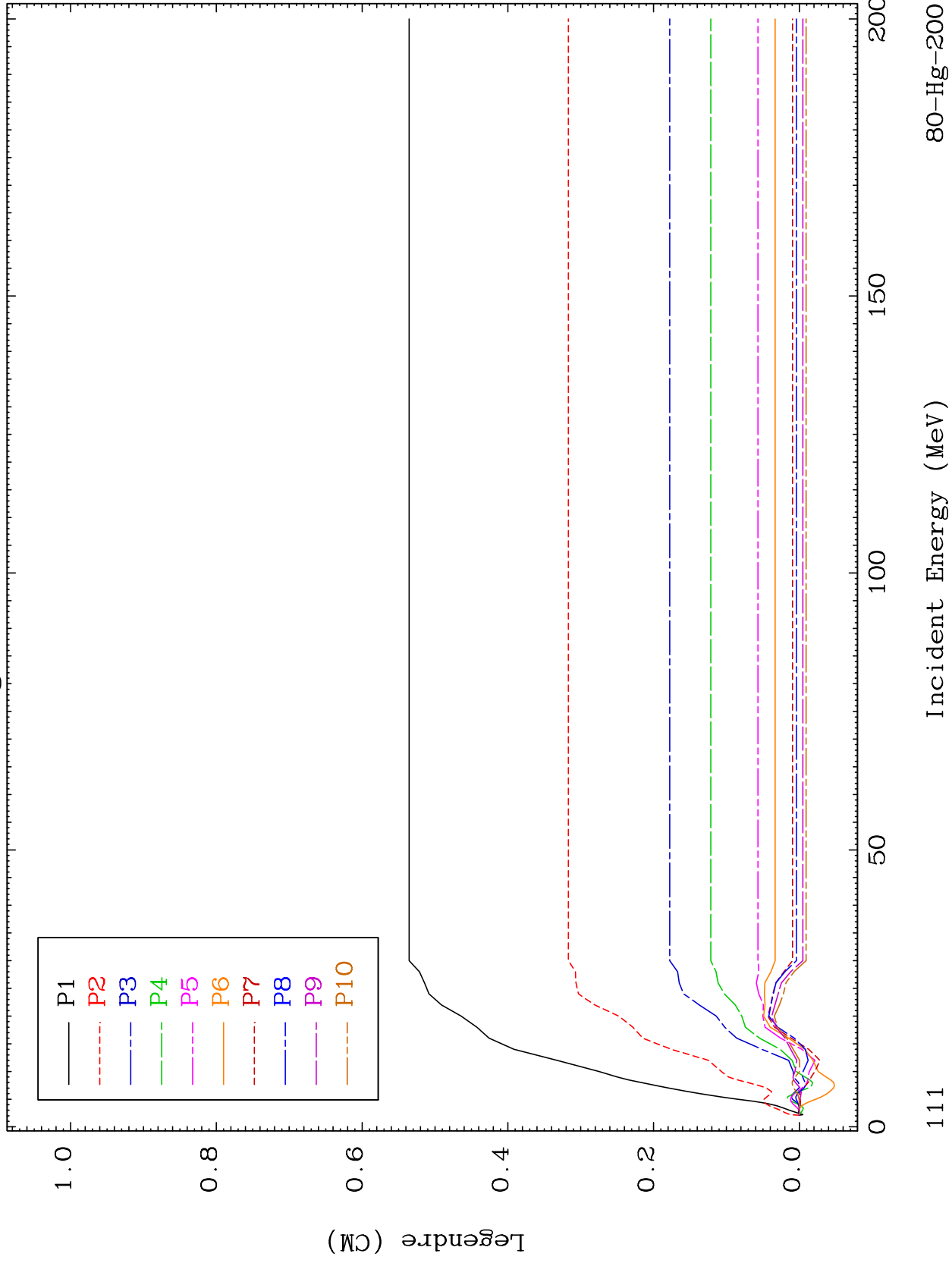




MAT 8037

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

80-Hg-200



111

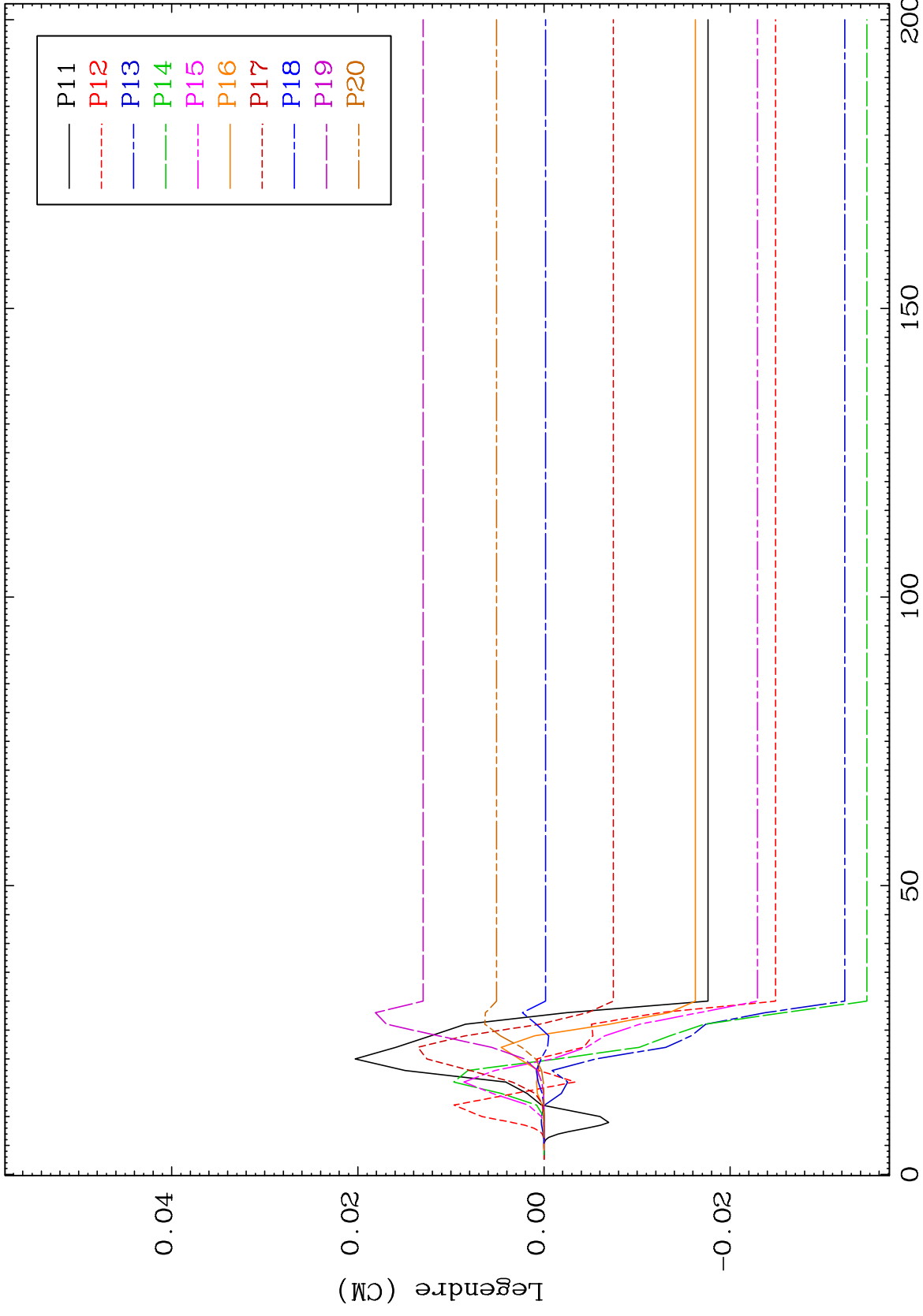
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



112

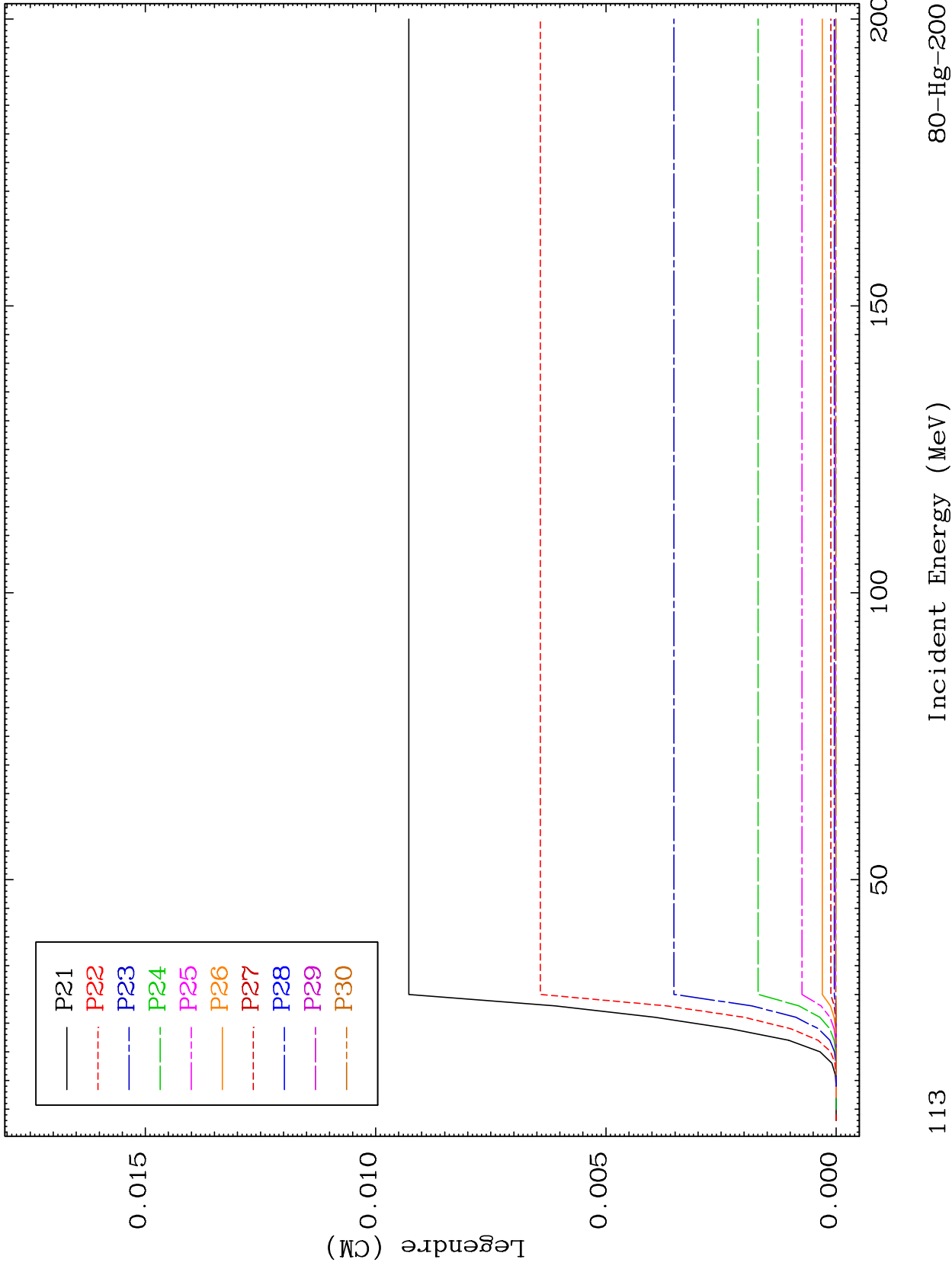
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



113

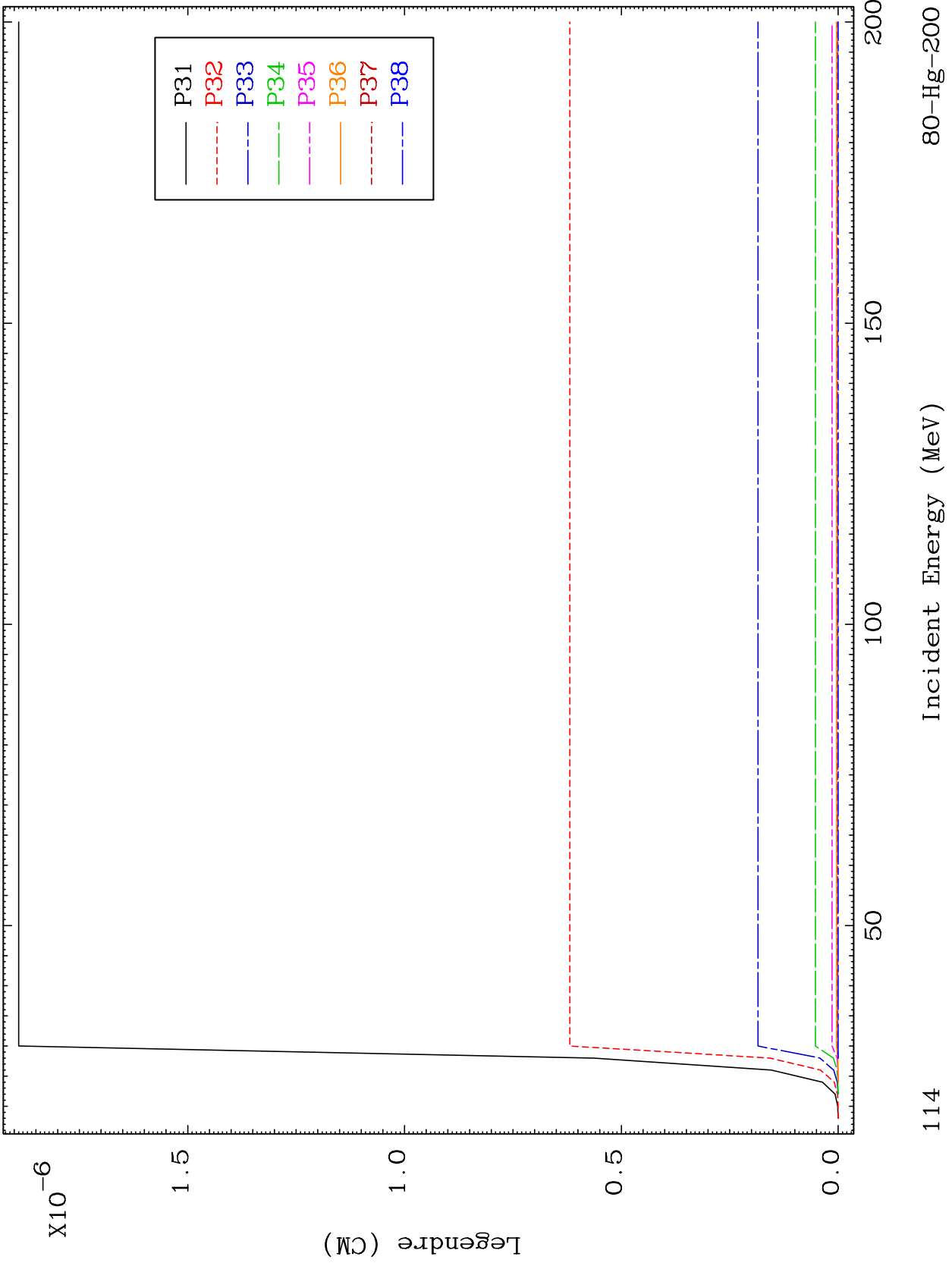
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

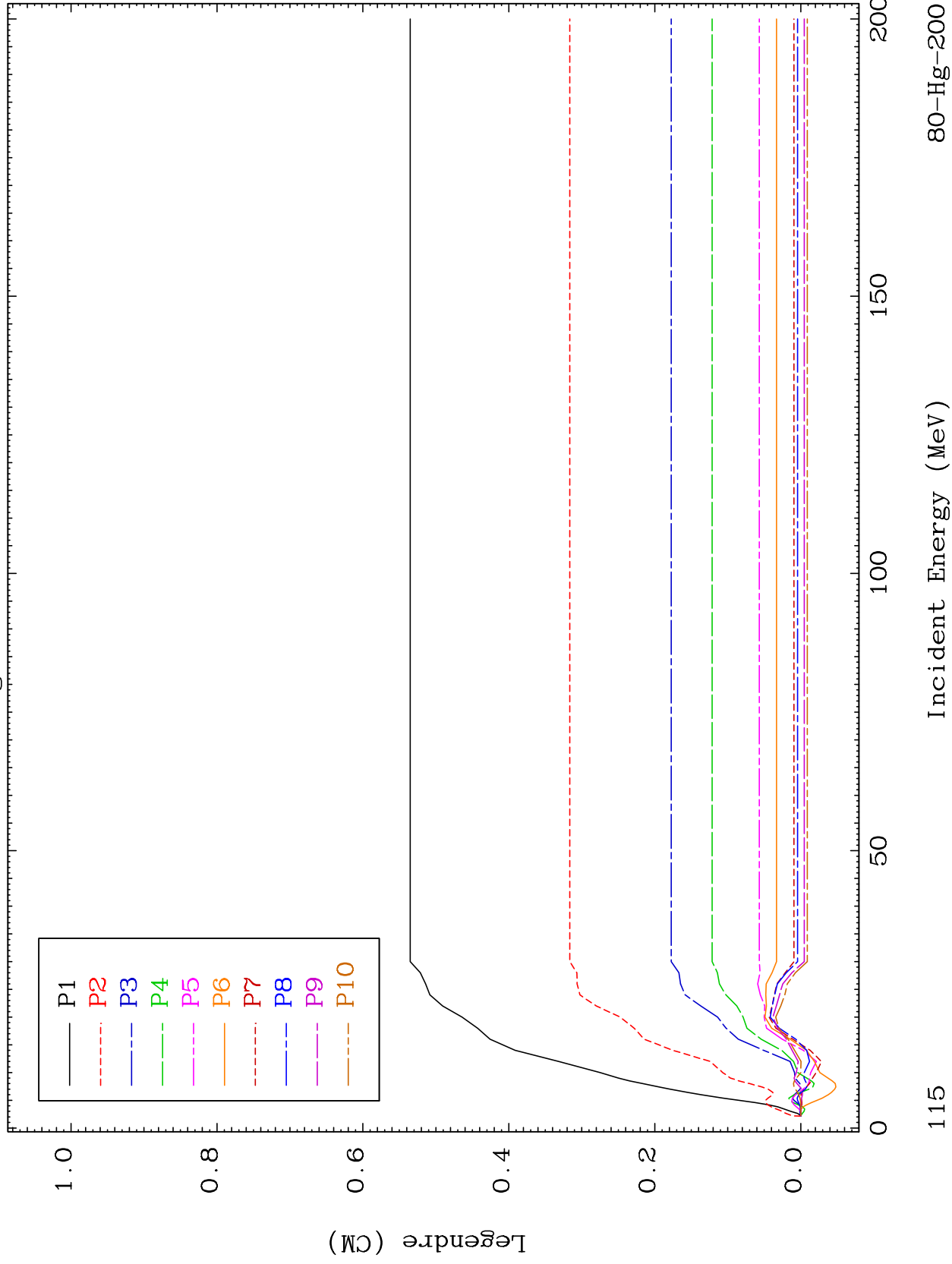
80-Hg-200



MAT 8037

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

80-Hg-200



80-Hg-200

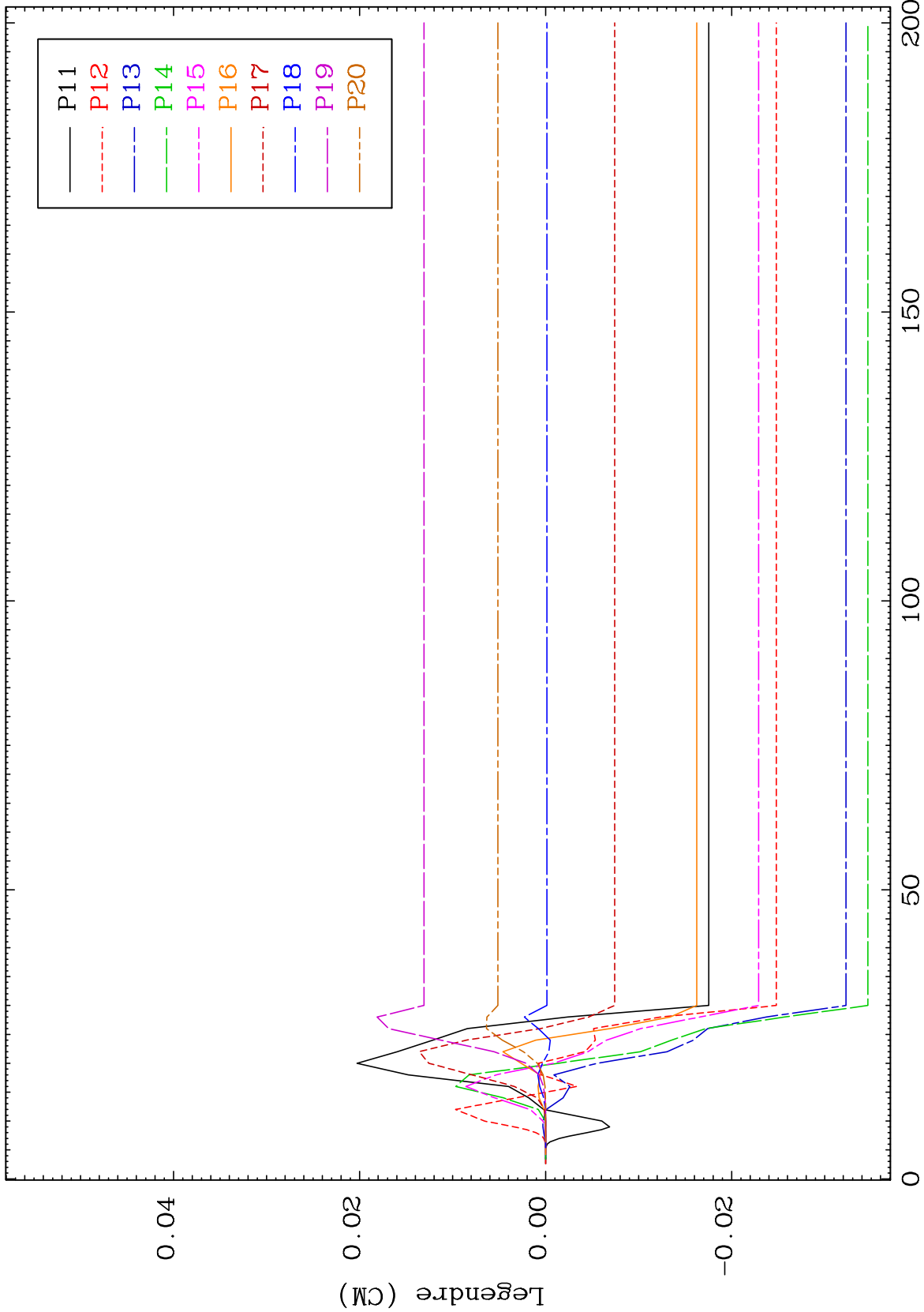
Incident Energy (MeV)

115

MAT 8037

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

80-Hg-200



116

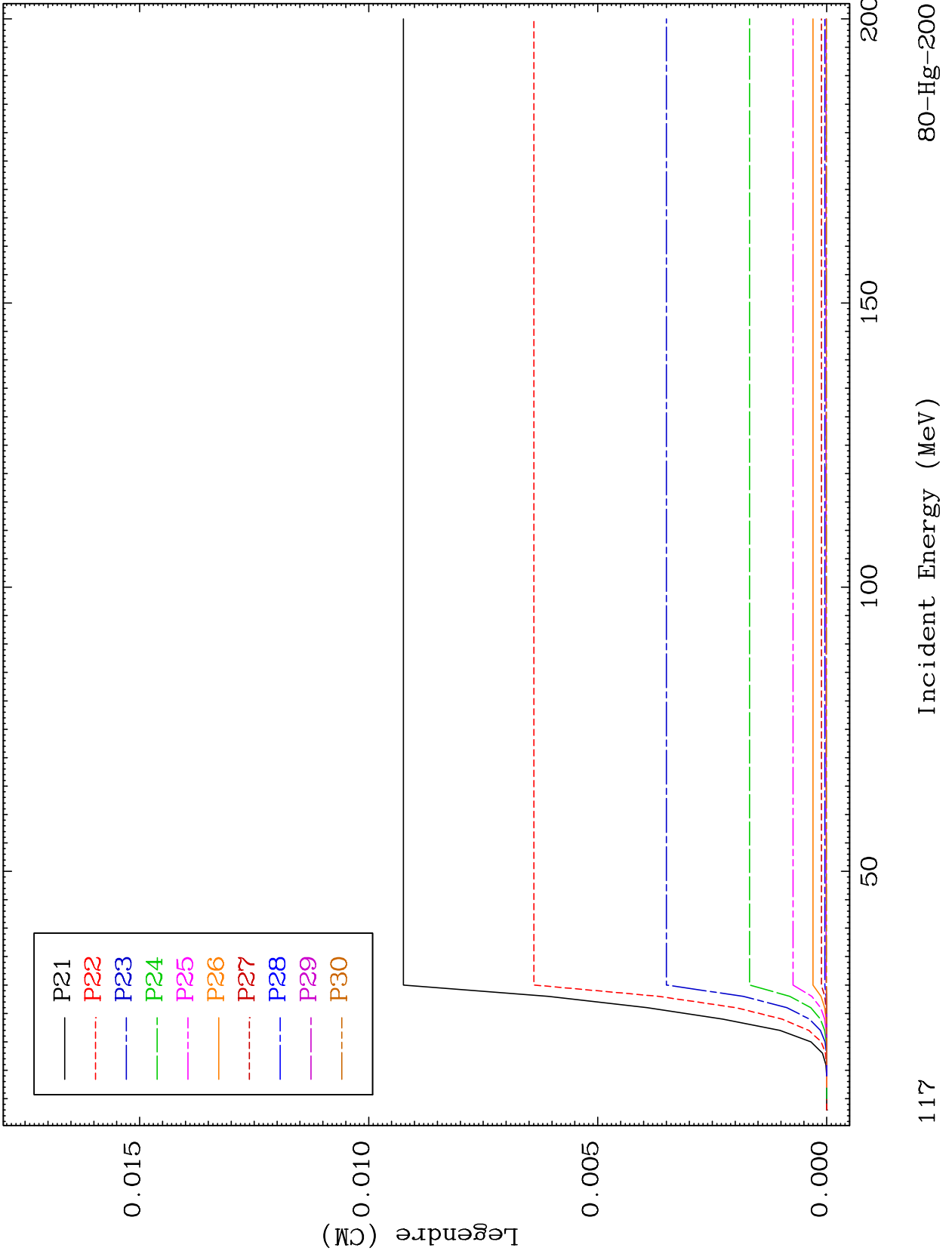
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

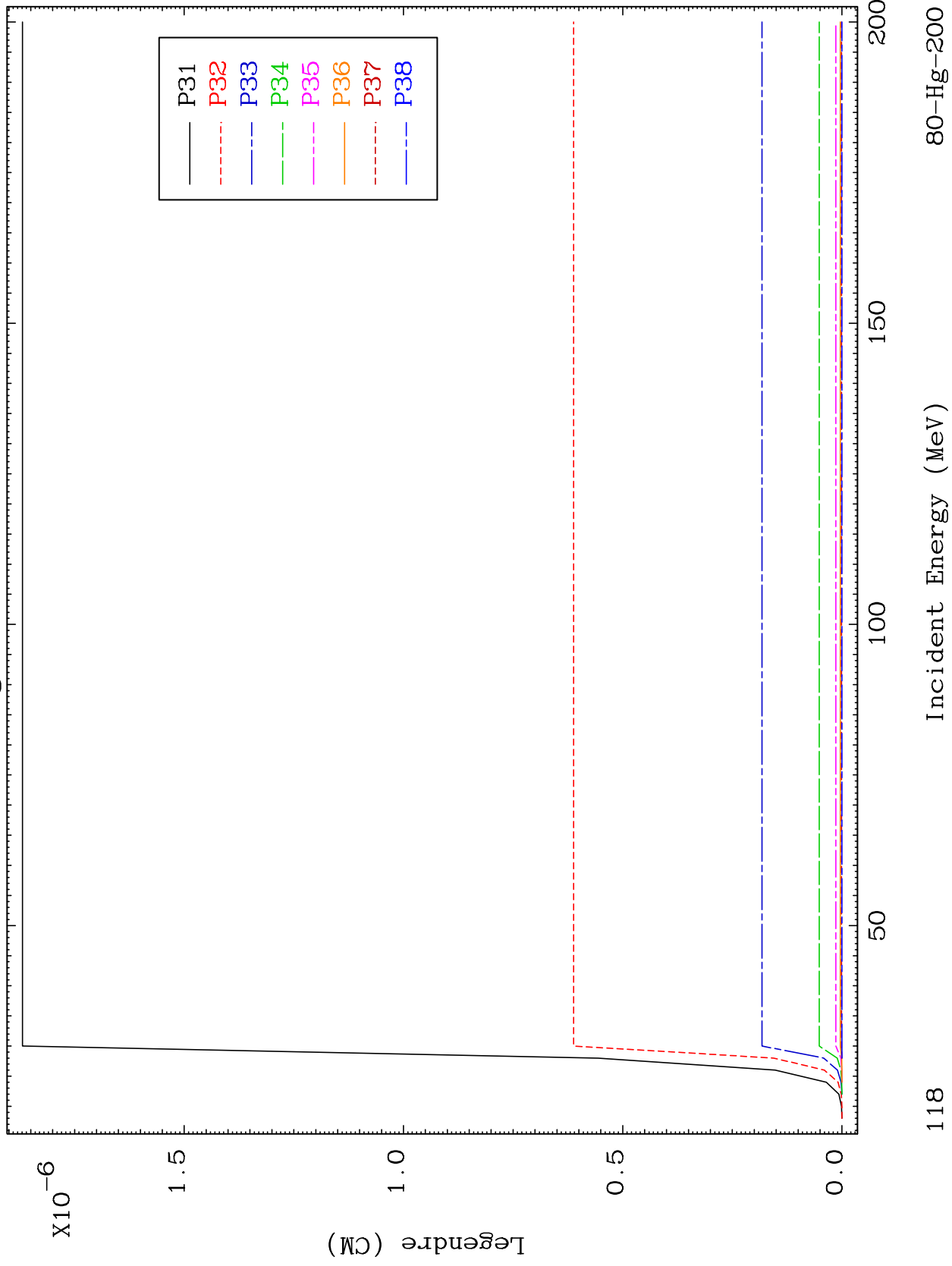
80-Hg-200

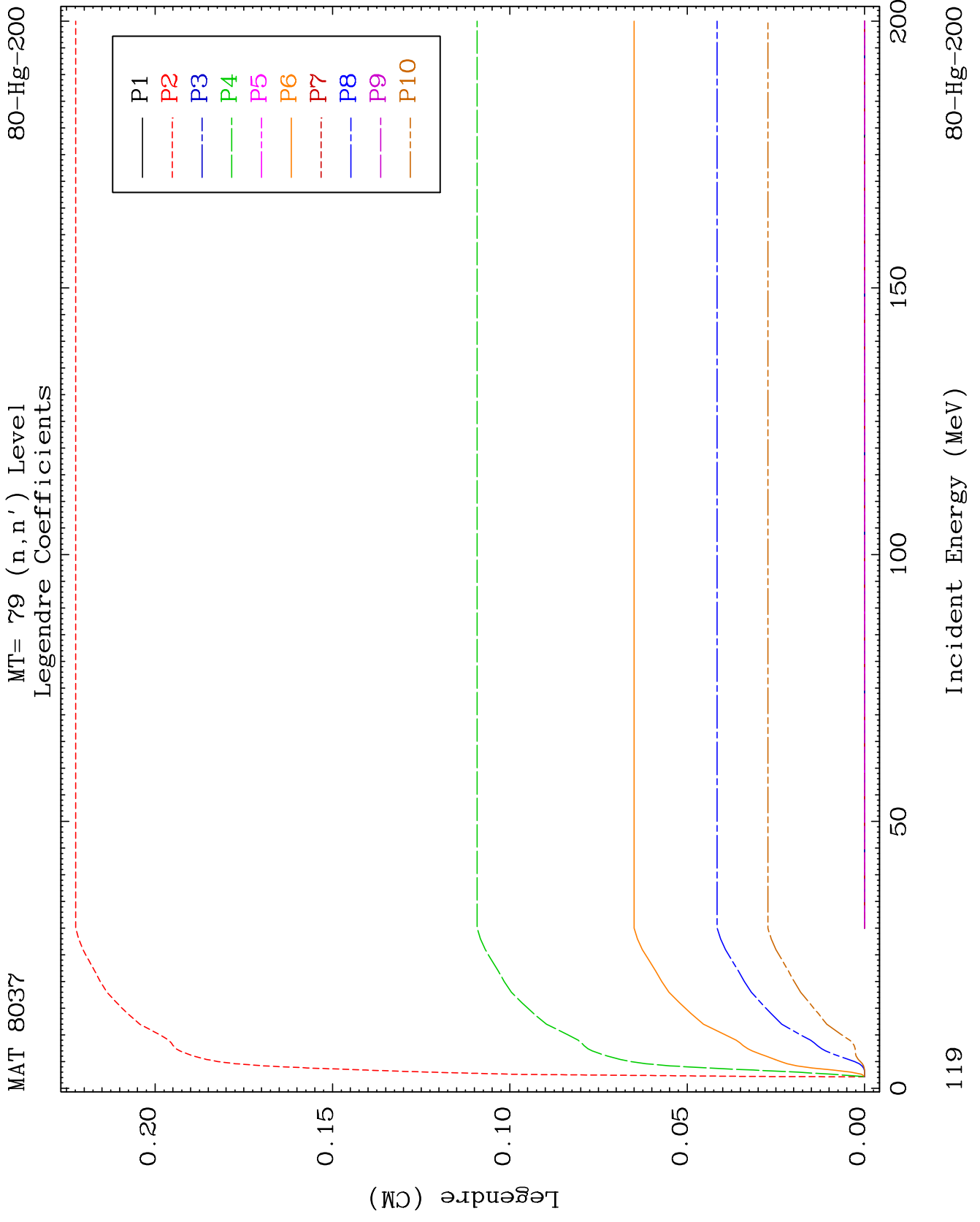


MAT 8037

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

80-Hg-200

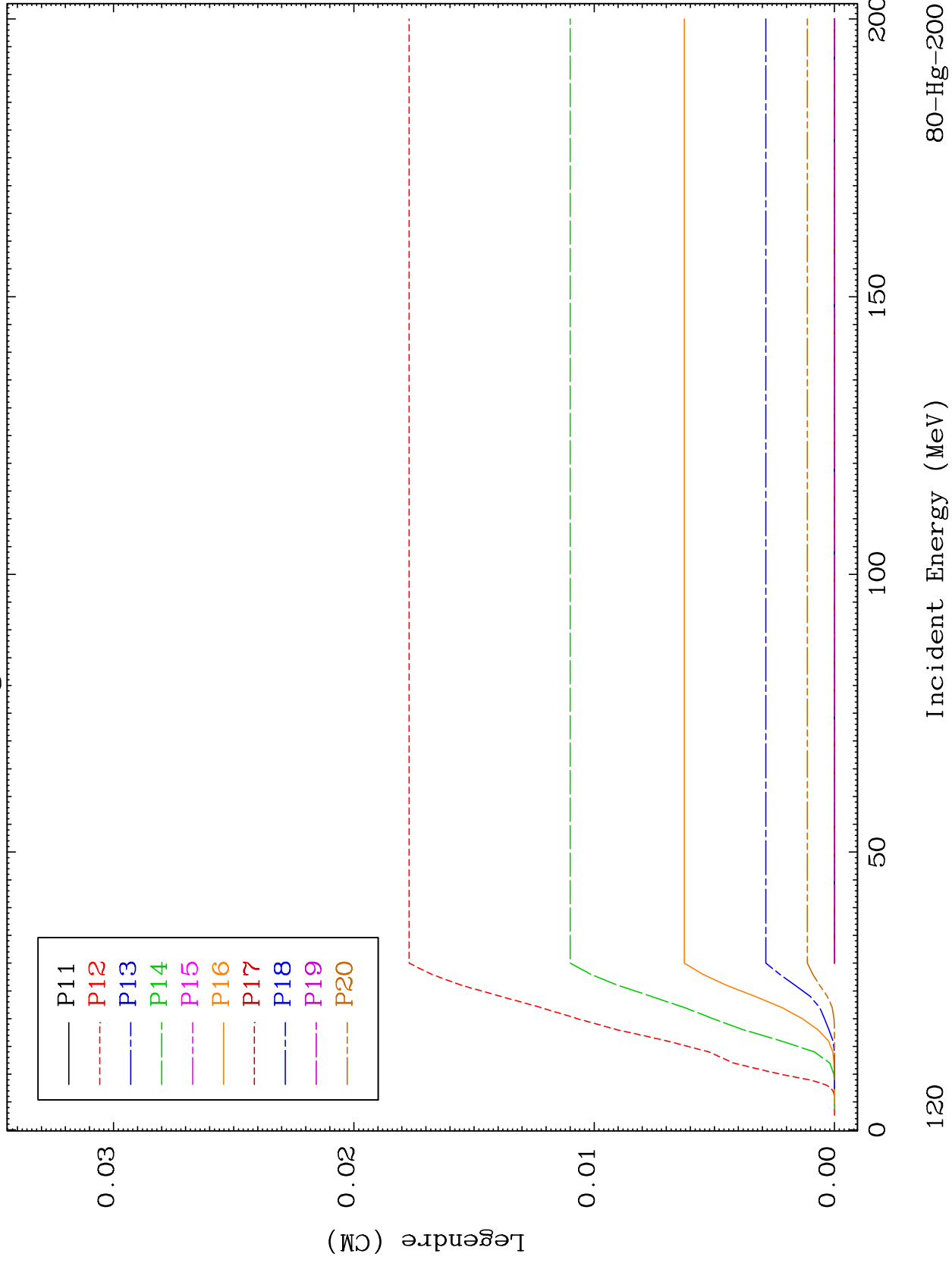




MAT 8037

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

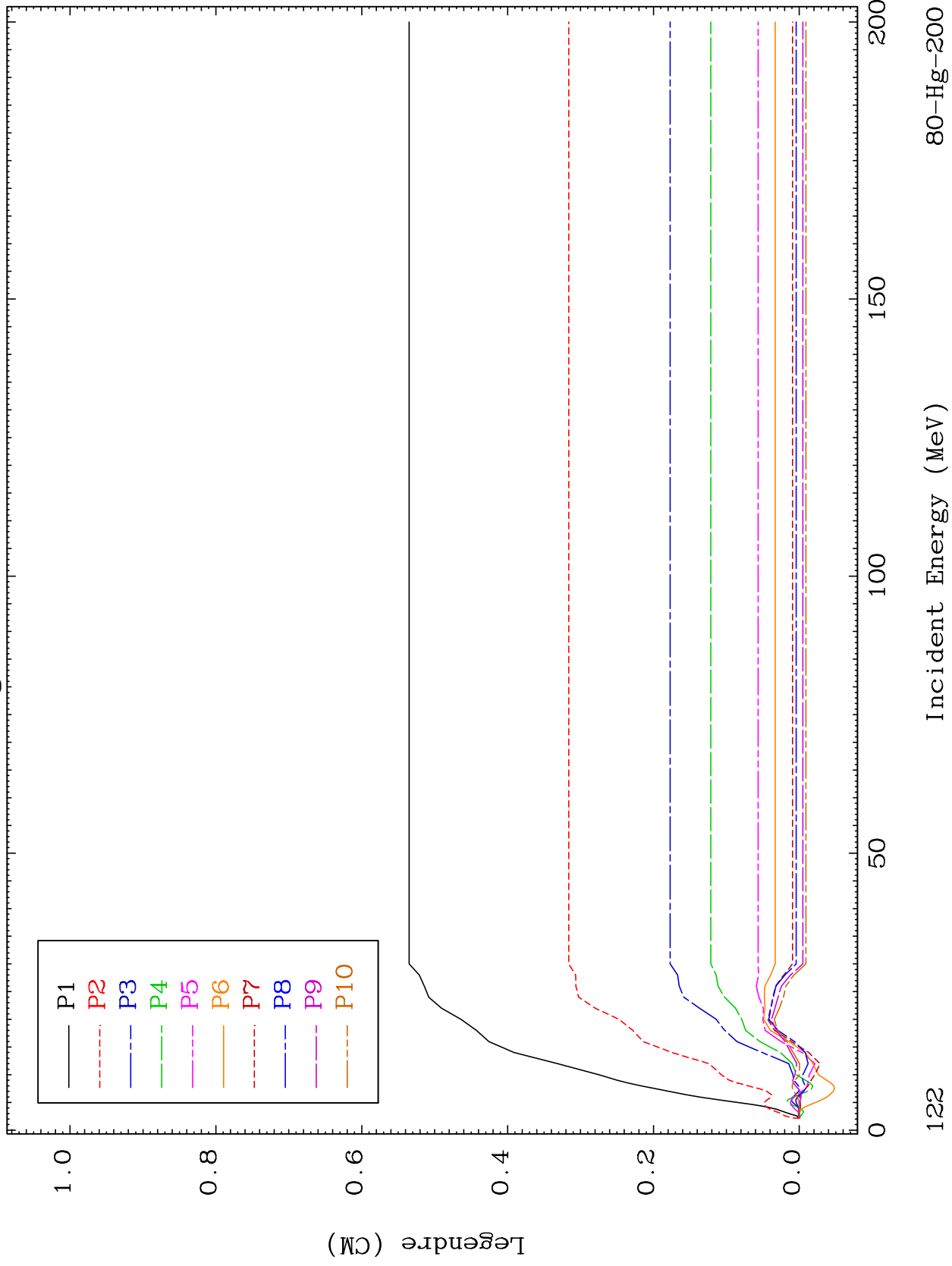
80-Hg-200



MAT 8037

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

80-Hg-200

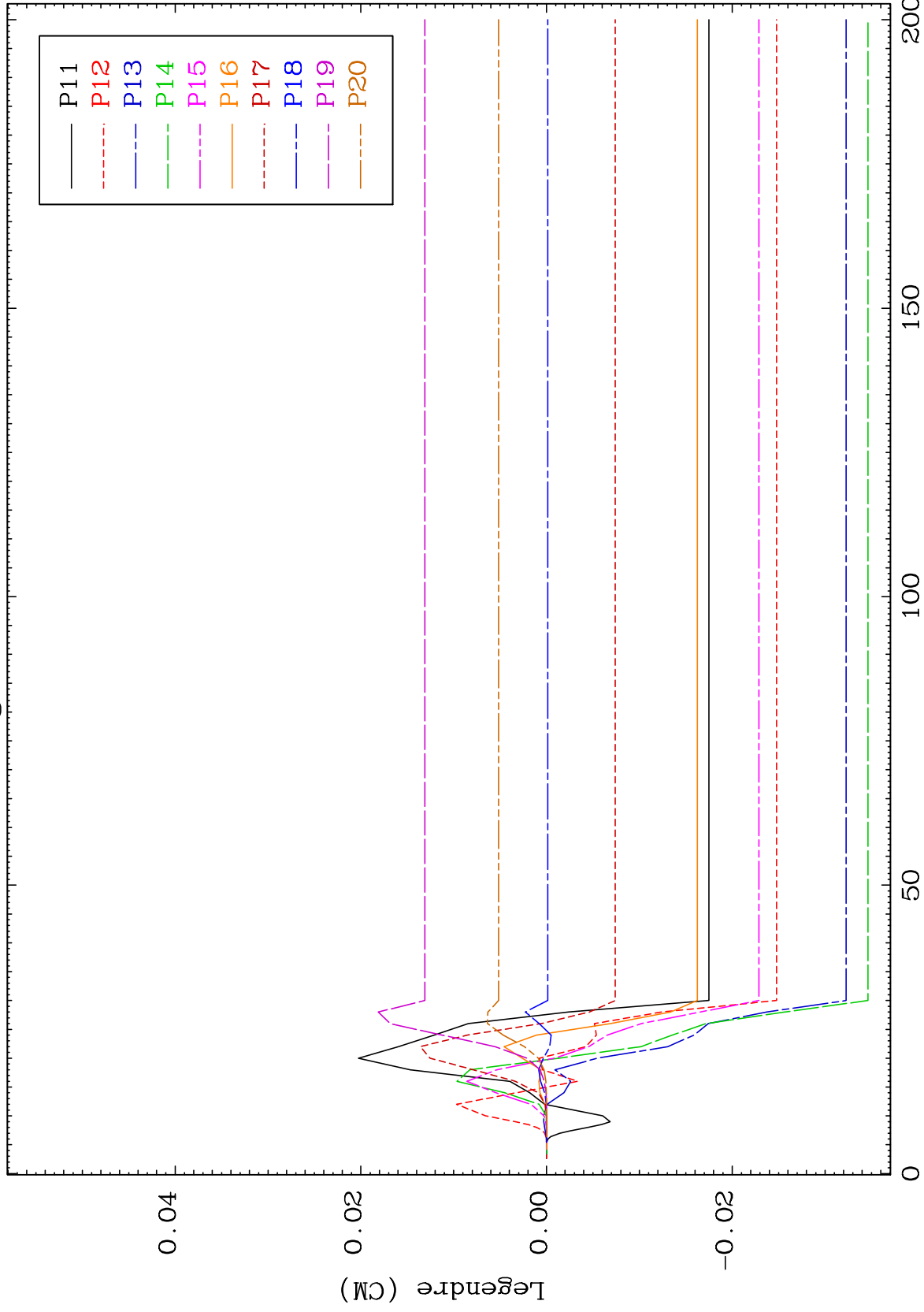


122

MAT 8037

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

80-Hg-200



123

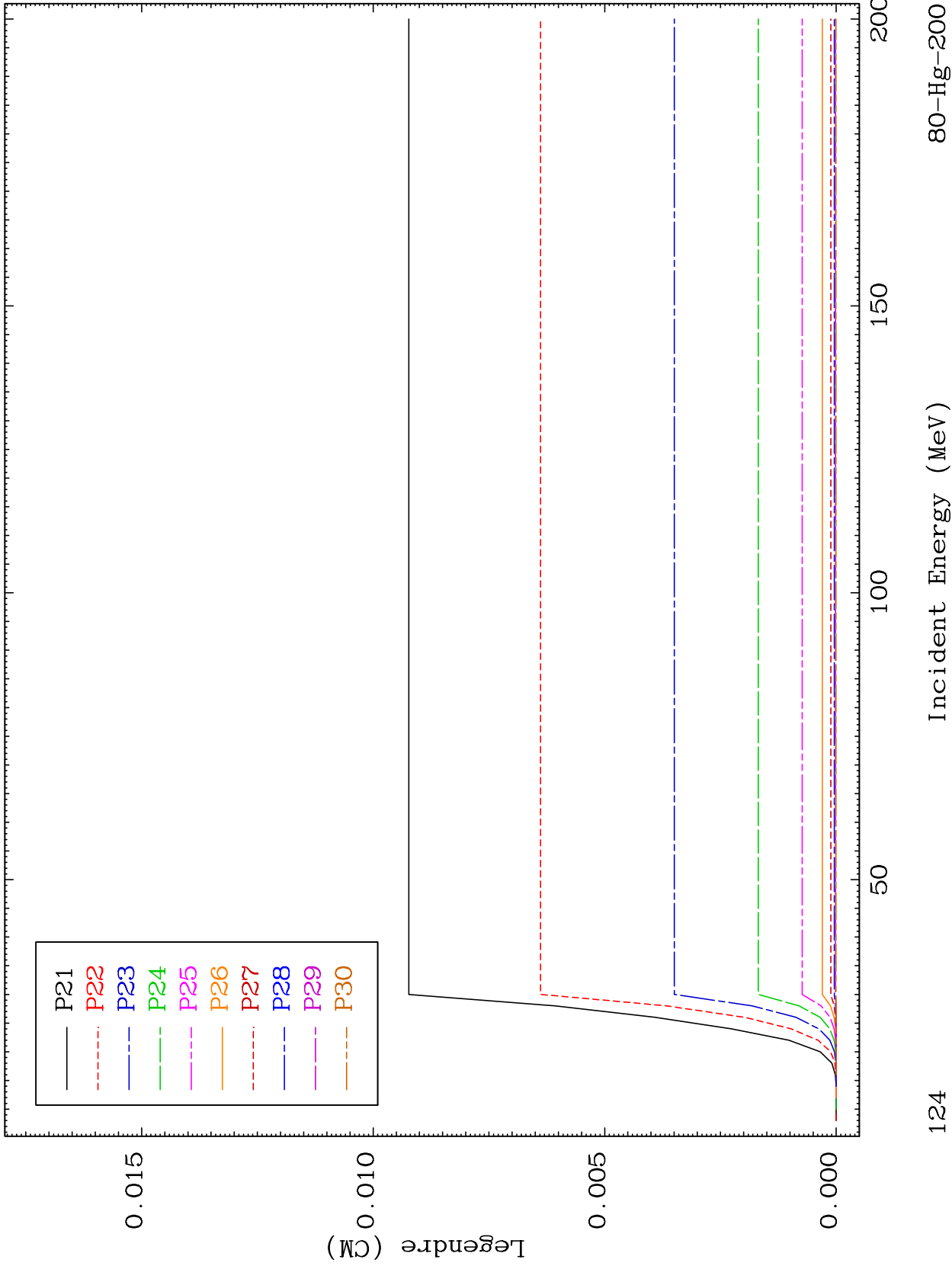
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

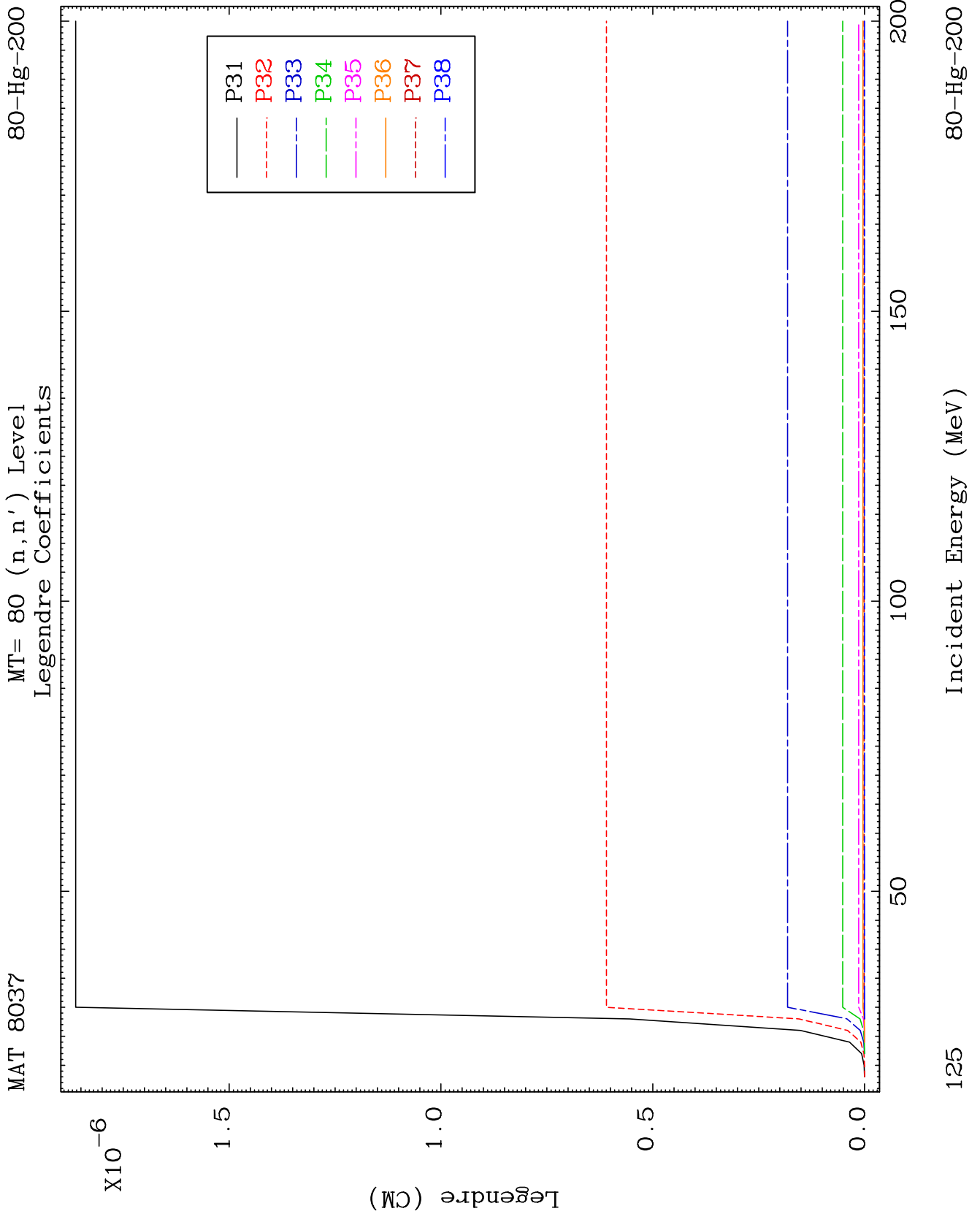
80-Hg-200



124

Incident Energy (MeV)

80-Hg-200

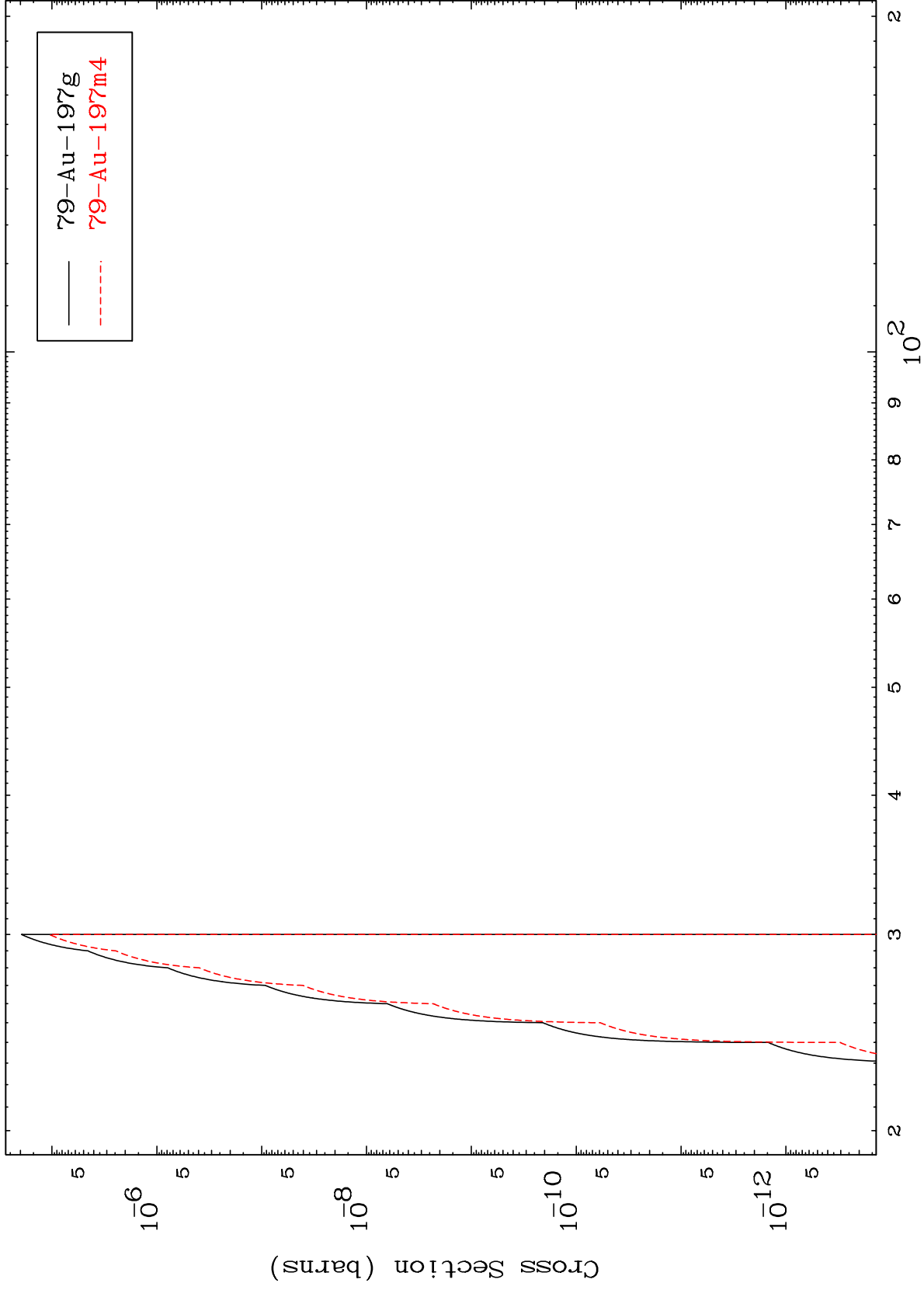


MAT 8037

(n,2n) d

80-Hg-200

Radionuclide Production Cross Section



126

Incident Energy (MeV)

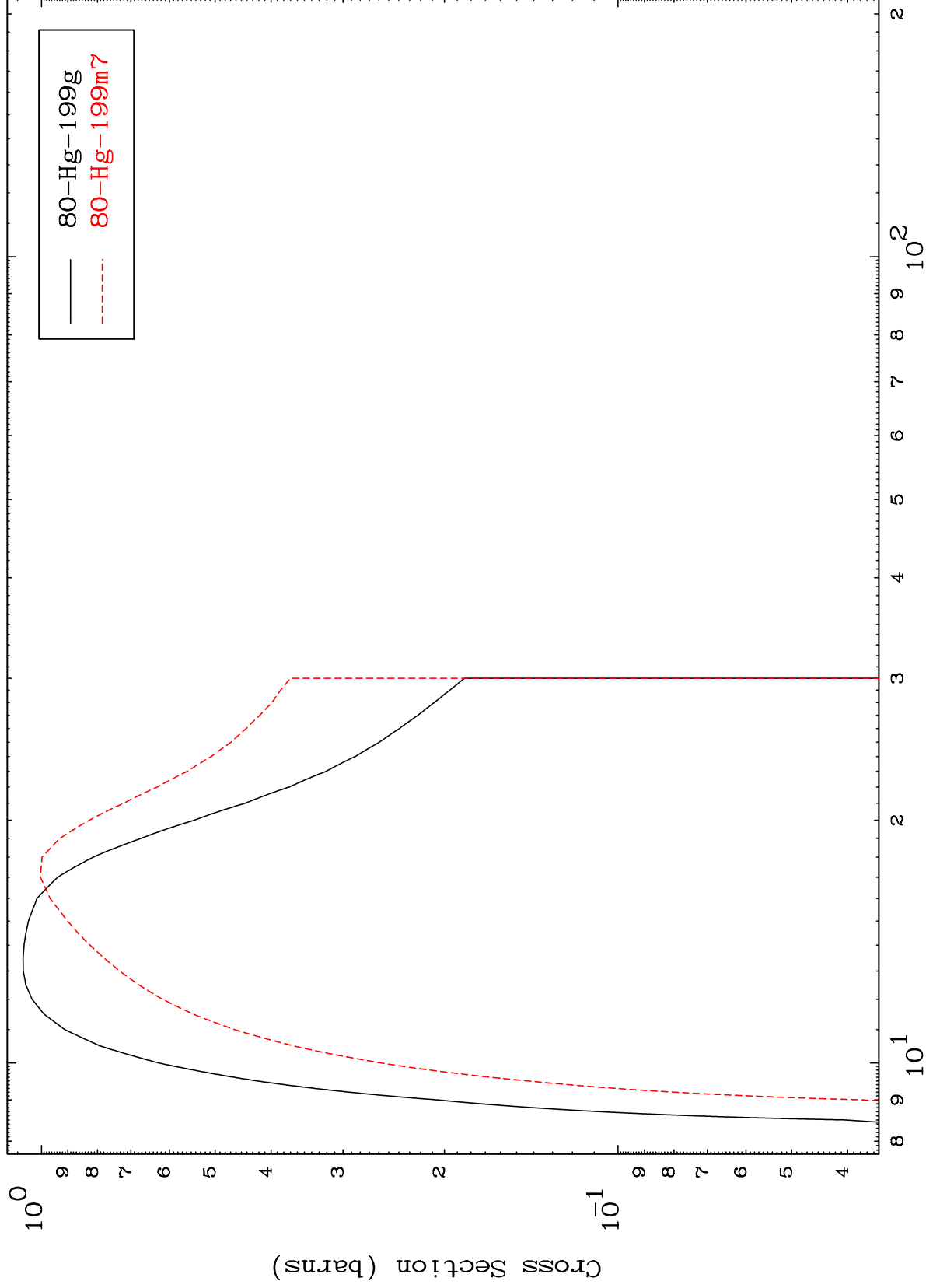
80-Hg-200

MAT 8037

(n,2n)

80-Hg-200

Radionuclide Production Cross Section



127

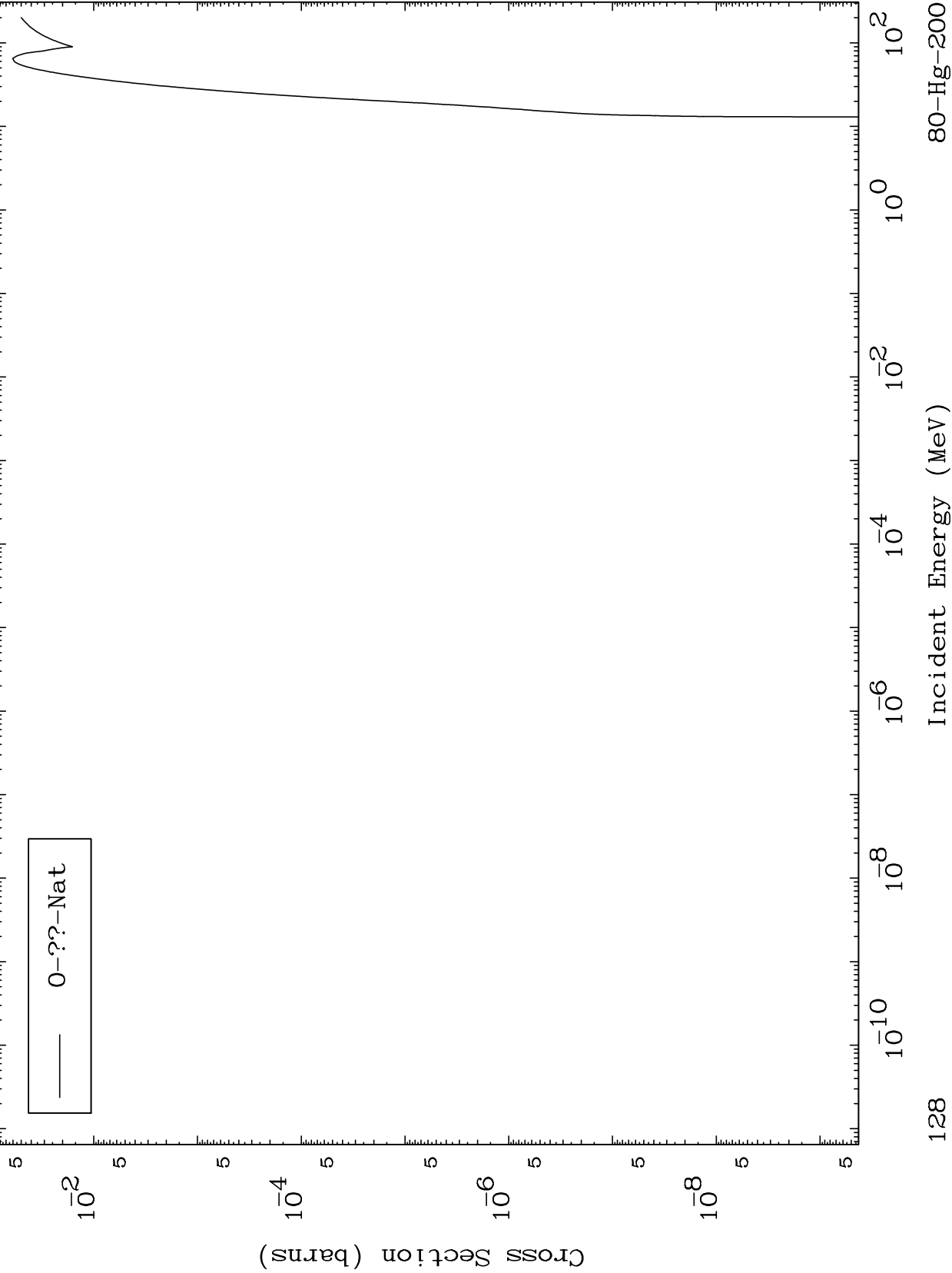
Incident Energy (MeV)

80-Hg-200

MAT 8037

Fission
Radionuclide Production Cross Section

80-Hg-200

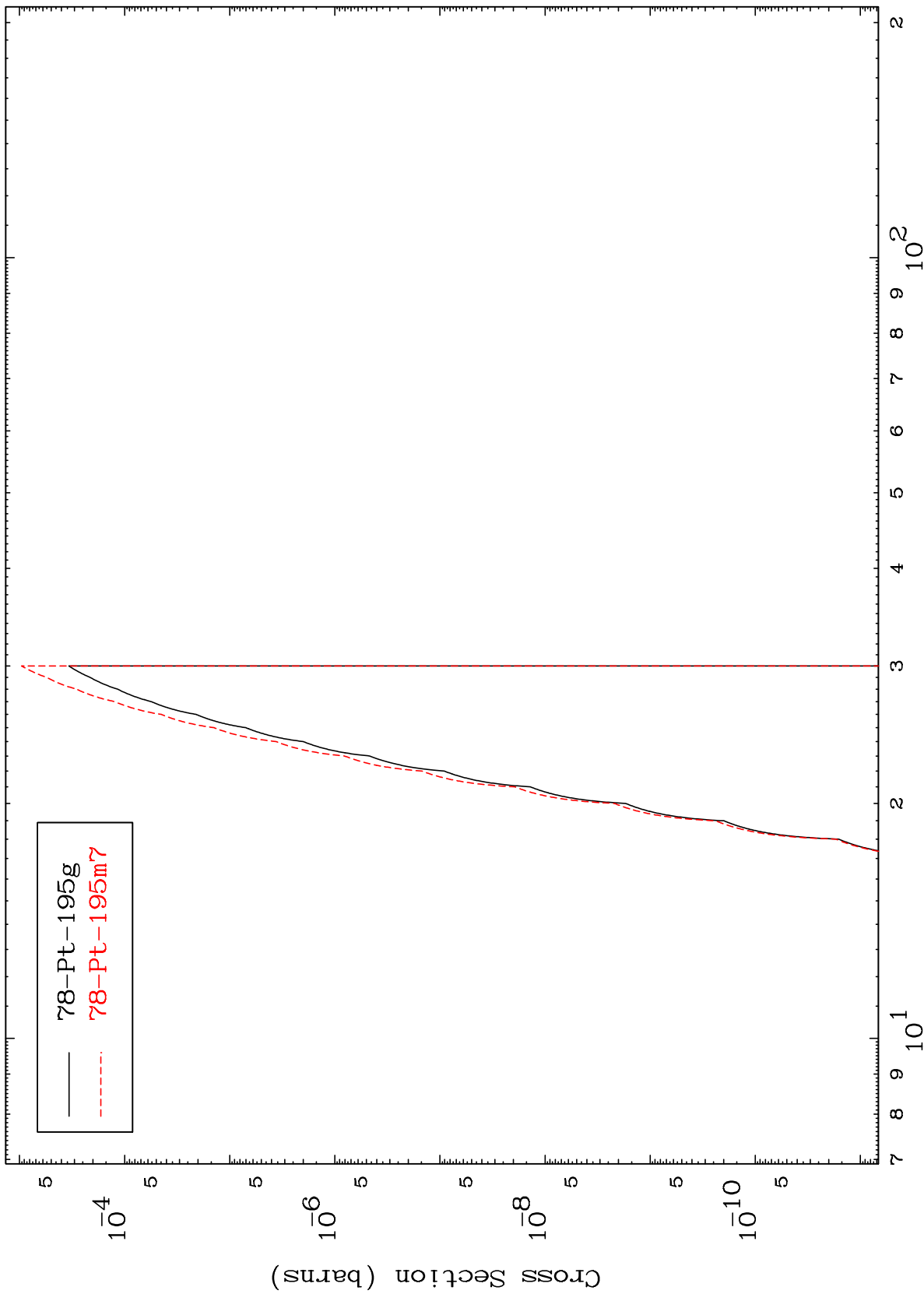


MAT 8037

$(n,2n) \alpha$

80-Hg-200

Radionuclide Production Cross Section



129

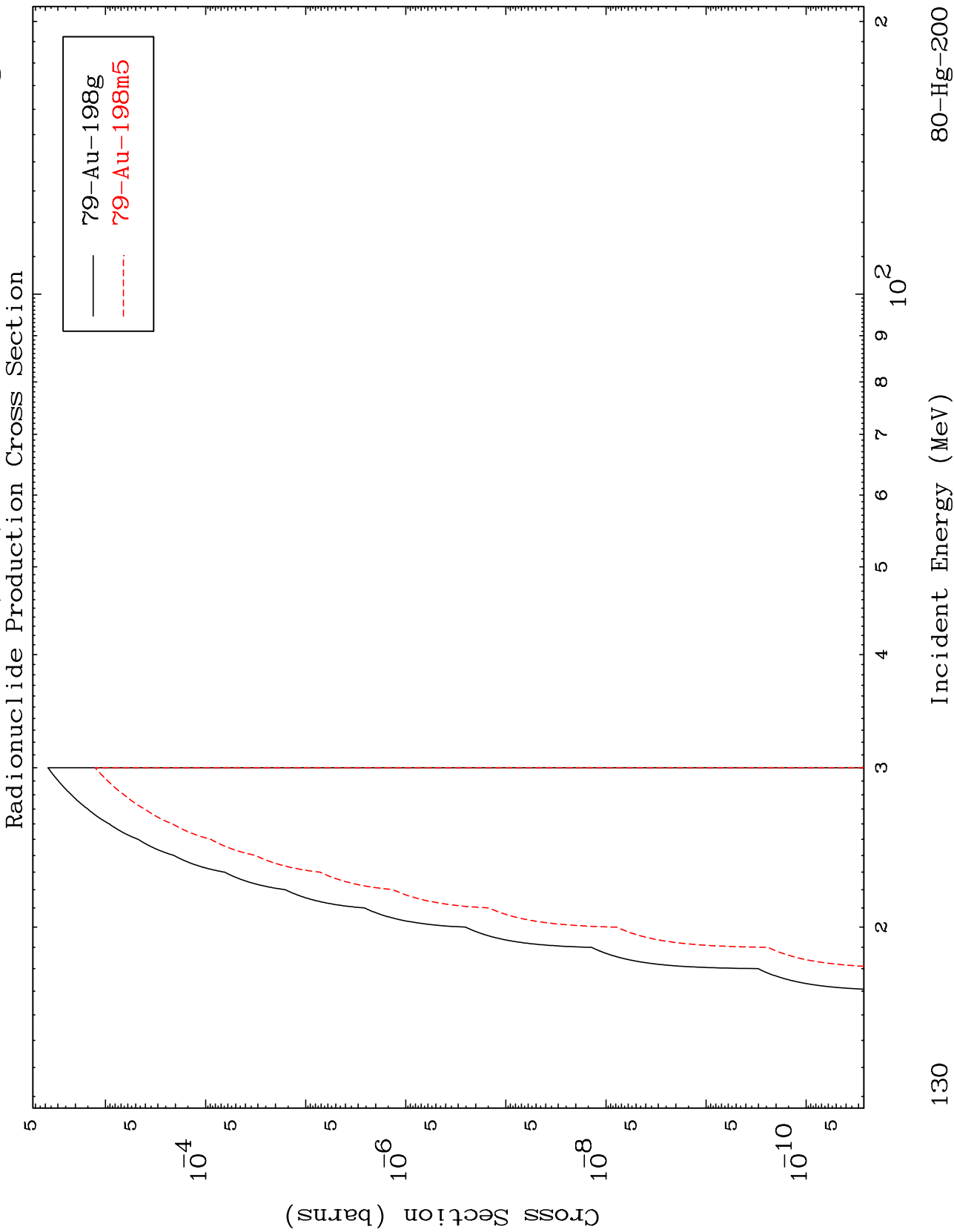
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,n') d

80-Hg-200



130

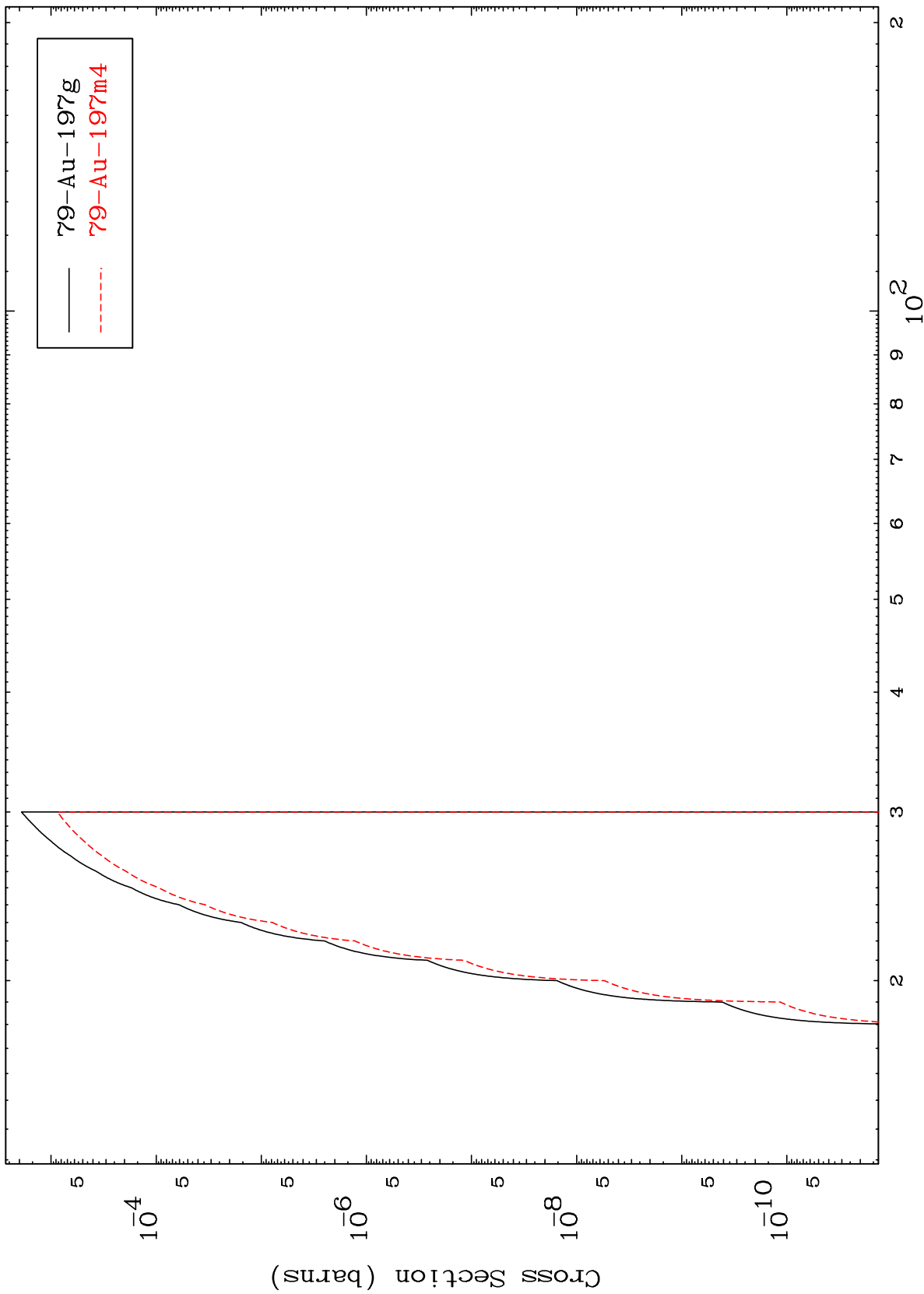
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

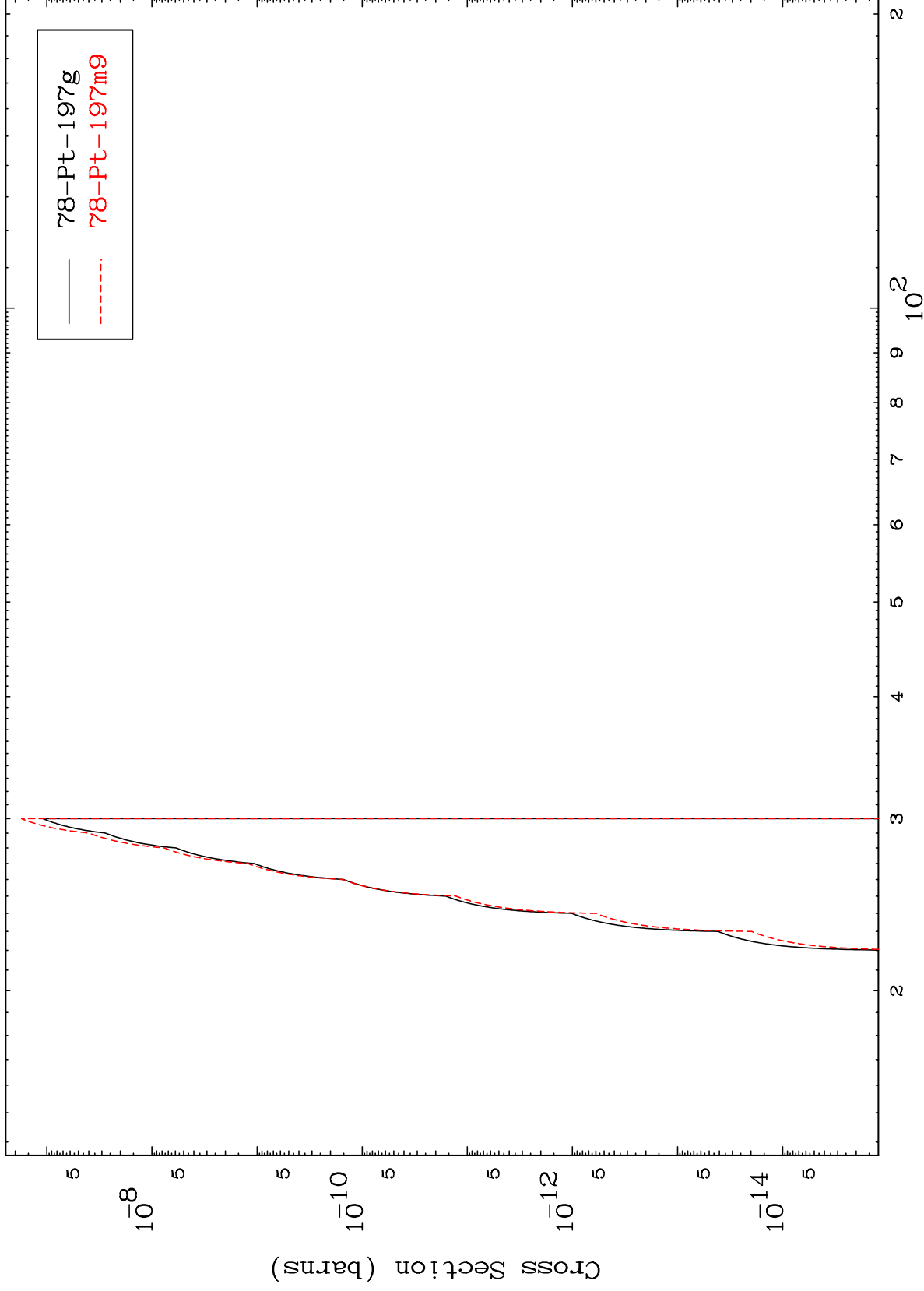
80-Hg-200

MAT 8037

(n,n') He-3

80-Hg-200

Radionuclide Production Cross Section



132

Incident Energy (MeV)

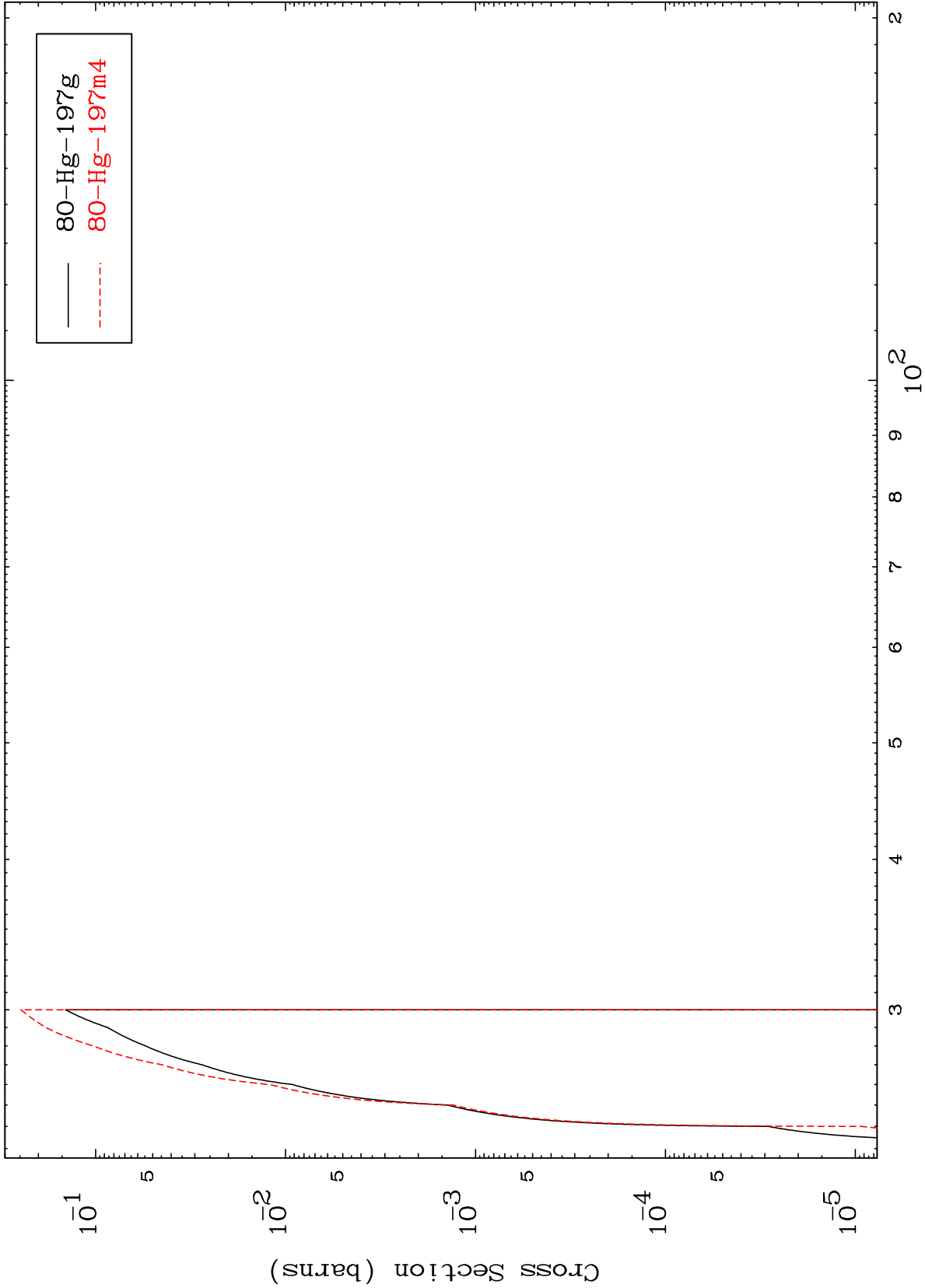
80-Hg-200

MAT 8037

(n,4n)

80-Hg-200

Radionuclide Production Cross Section



133

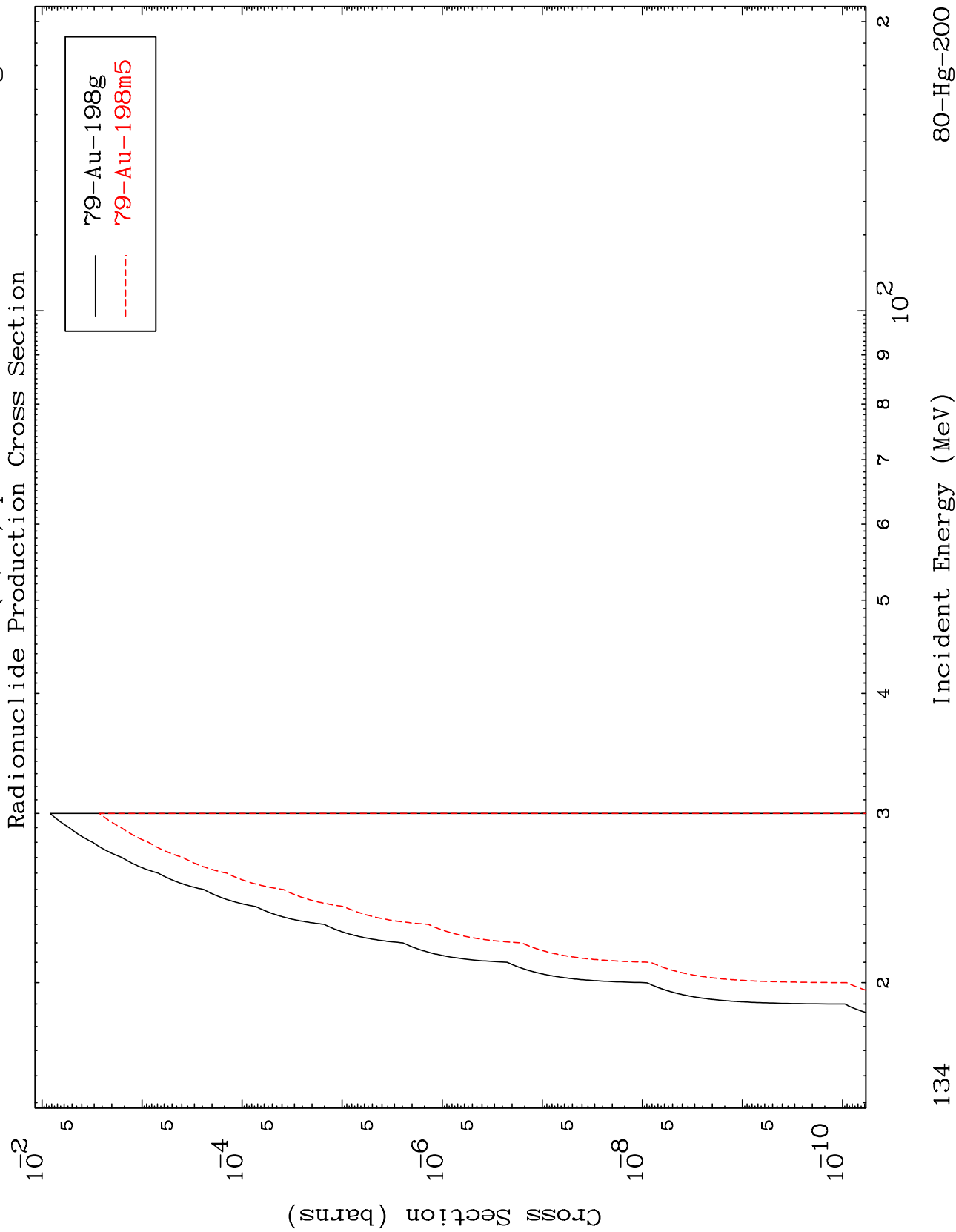
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,2n) p

80-Hg-200



134

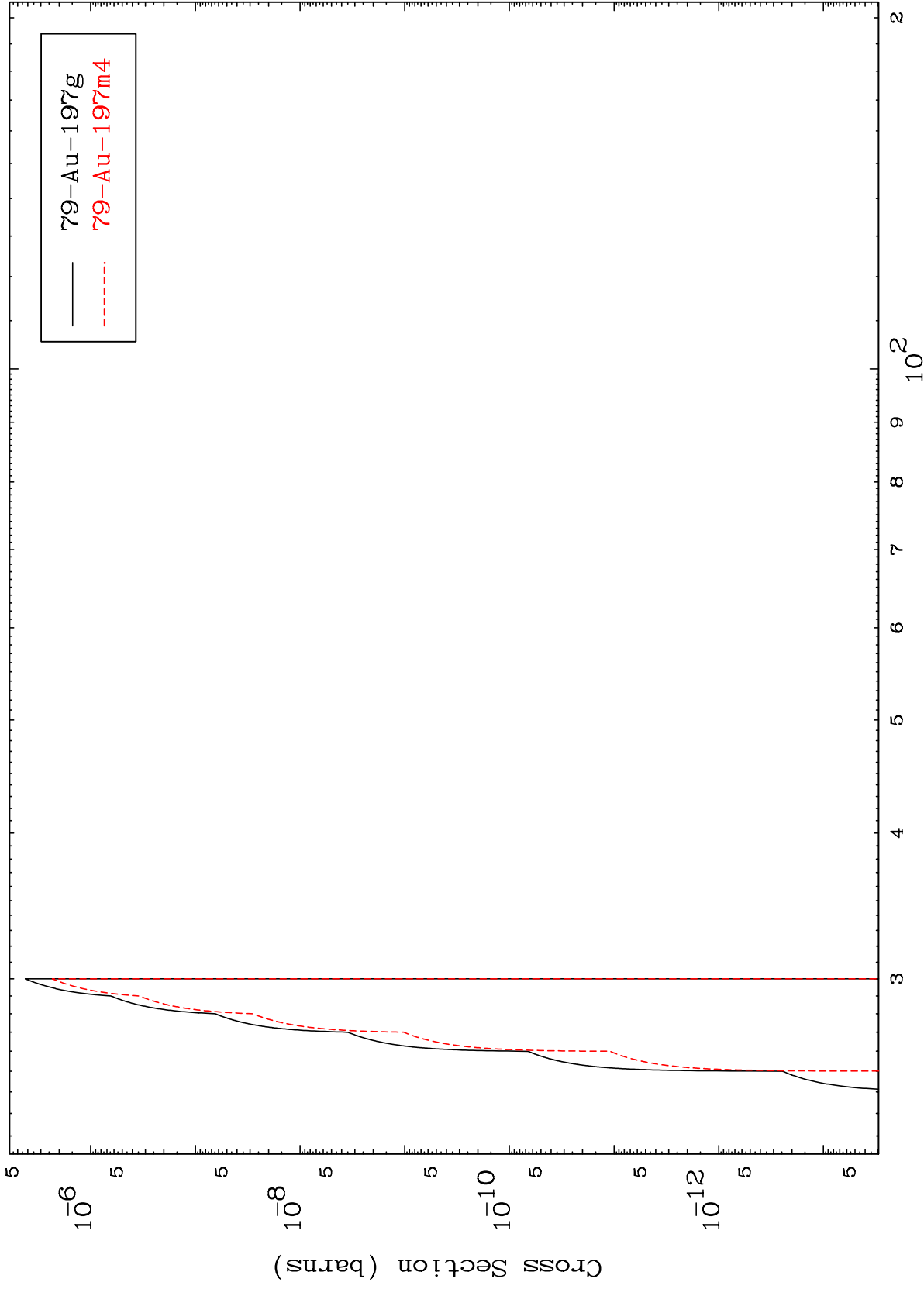
80-Hg-200

MAT 8037

(n,3n) p

80-Hg-200

Radionuclide Production Cross Section



135

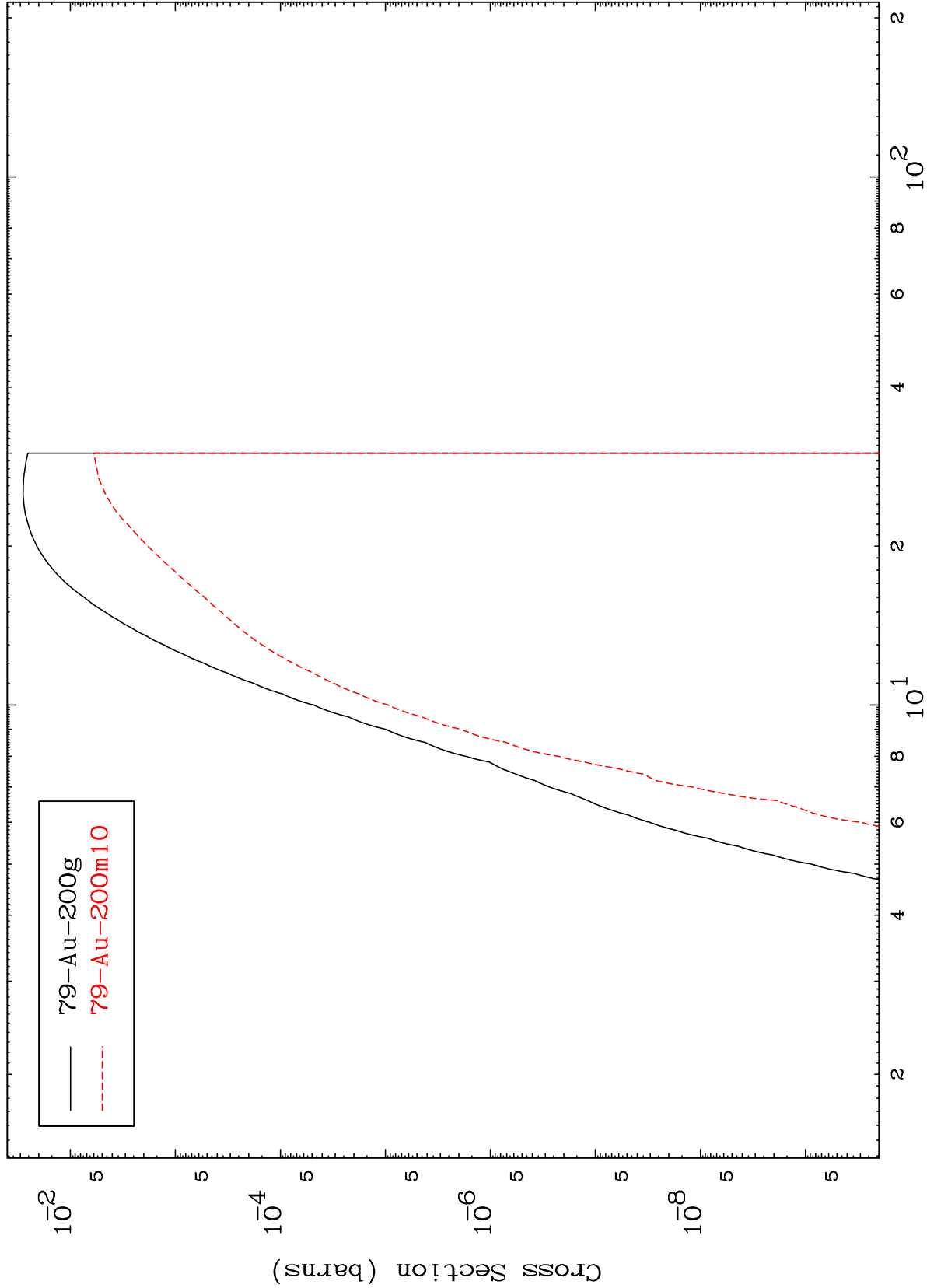
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,p)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

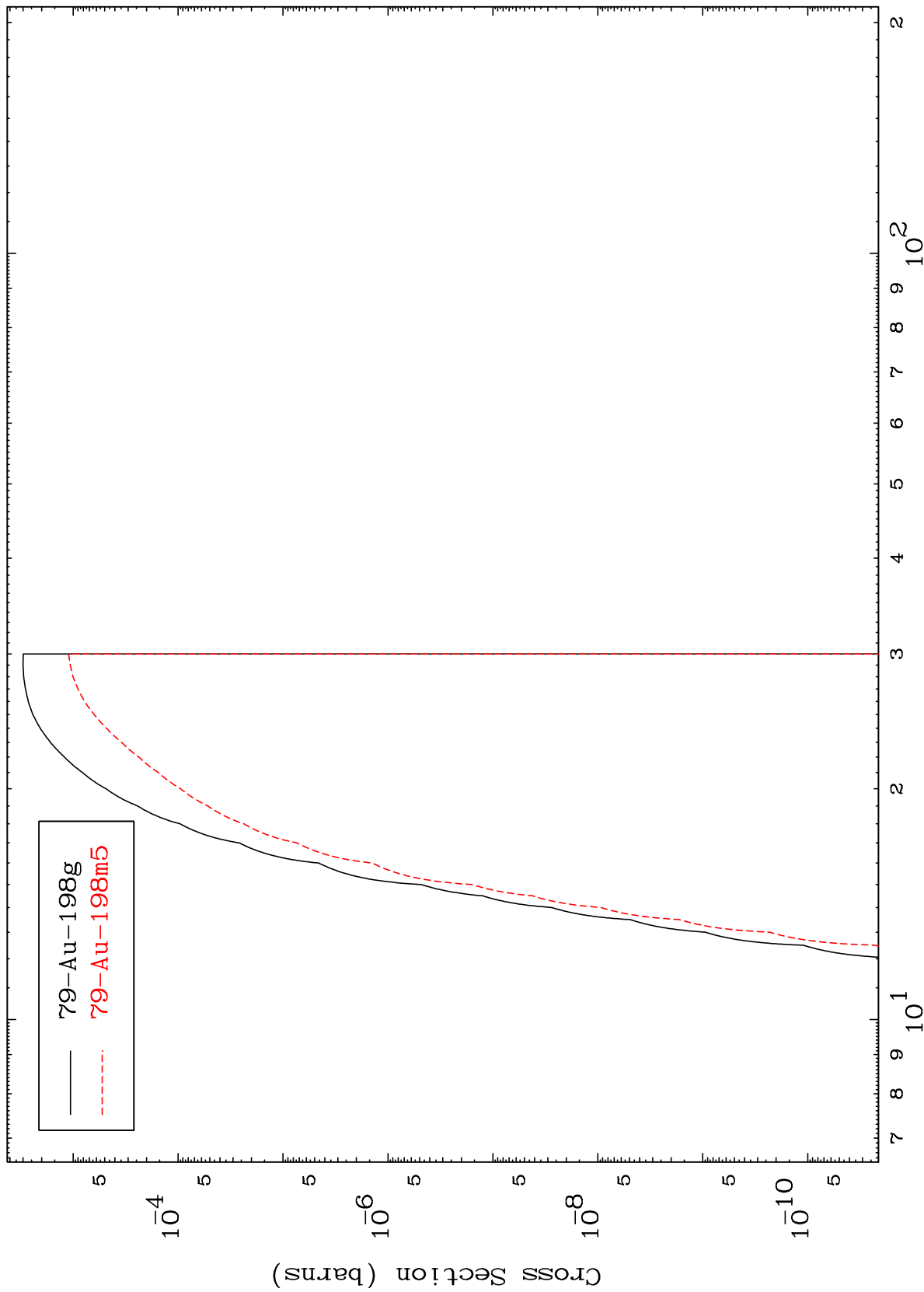
80-Hg-200

MAT 8037

80-Hg-200

Radionuclide Production Cross Section

(n, t)



137

Incident Energy (MeV)

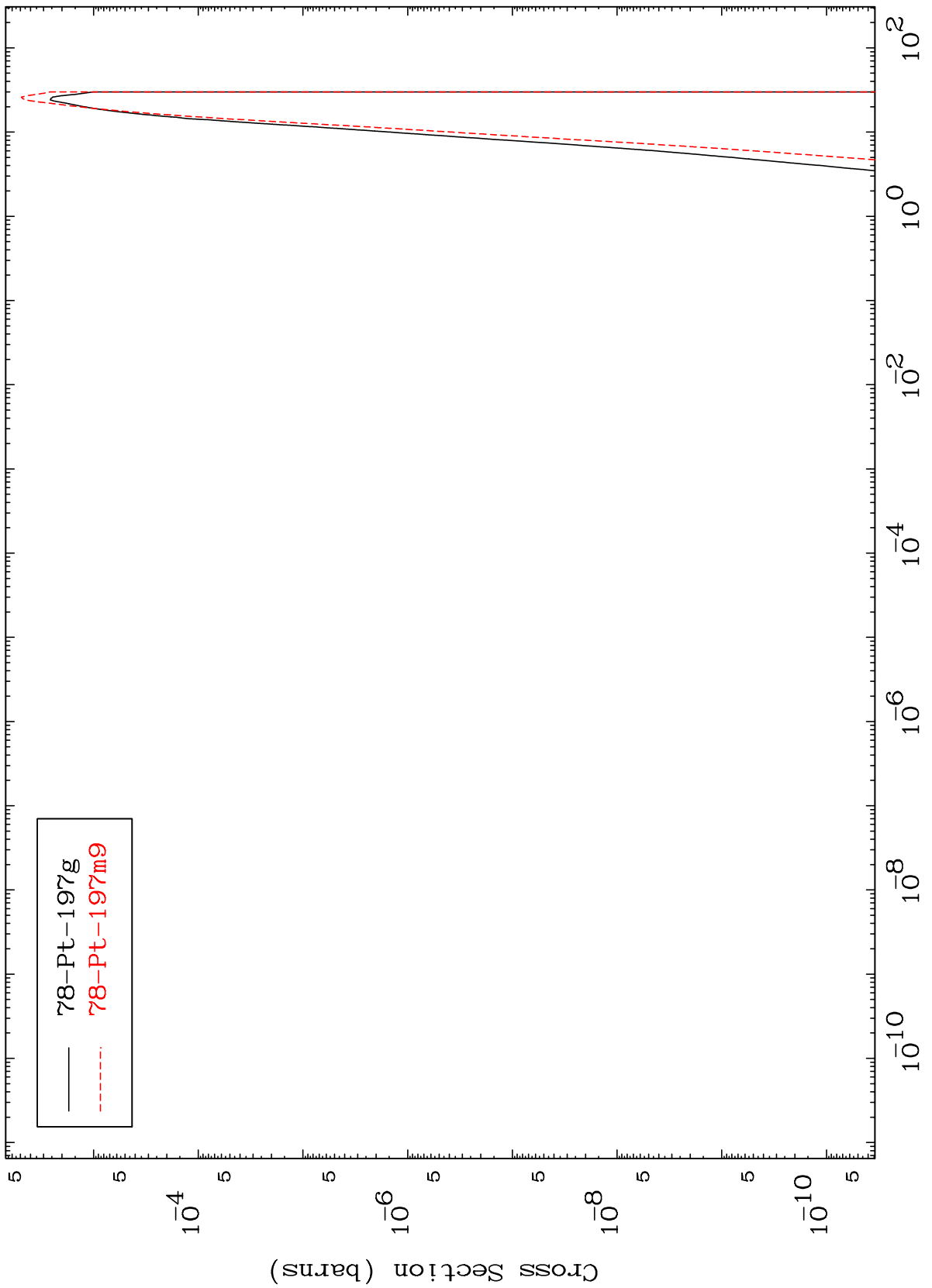
80-Hg-200

MAT 8037

(n, α)

80-Hg-200

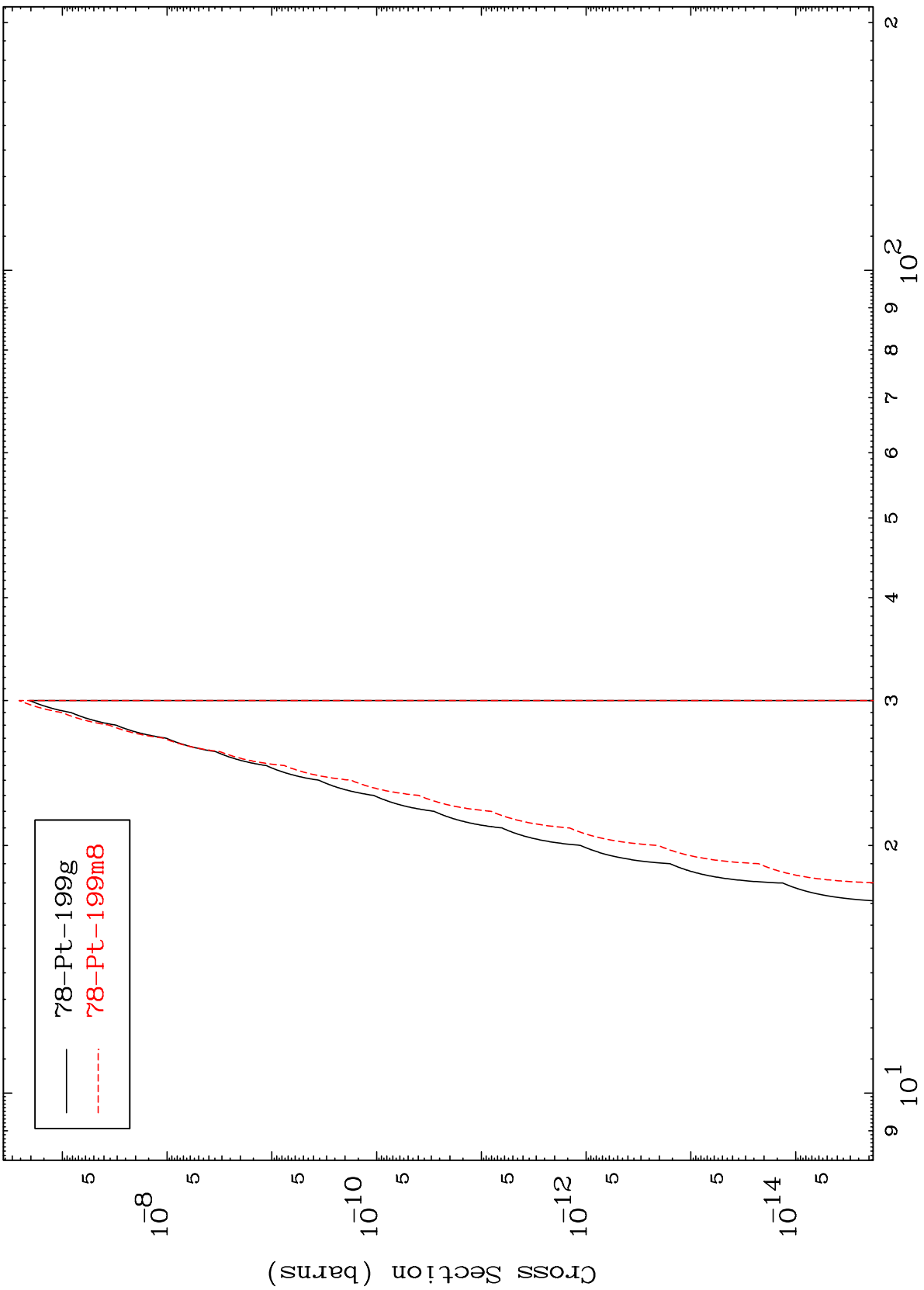
Radionuclide Production Cross Section



MAT 8037

80-Hg-200

(n,2p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

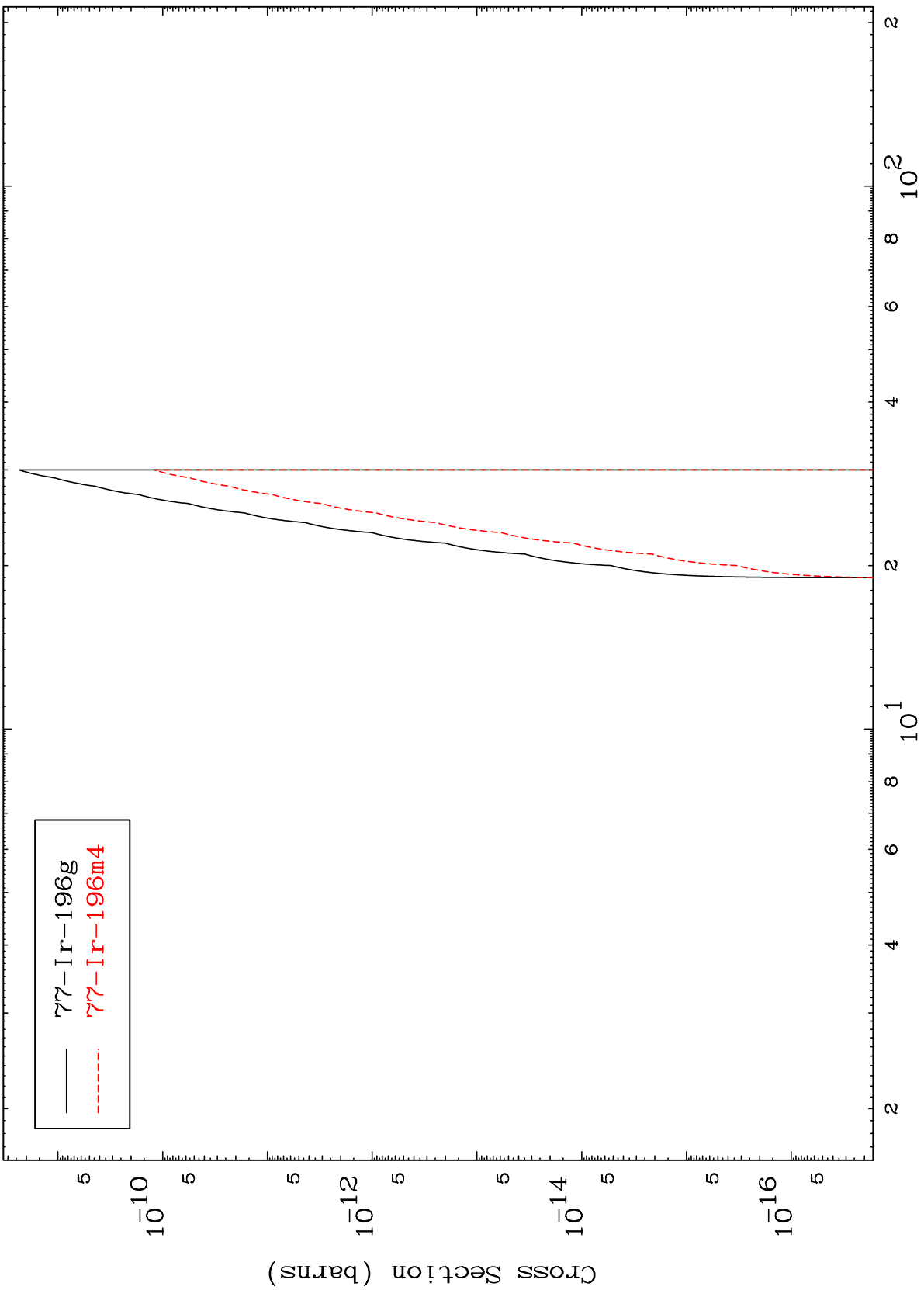
80-Hg-200

MAT 8037

(n,p) α

80-Hg-200

Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

140

Incident Energy (MeV)

80-Hg-200