

Program EVALPLOT
(Version 2021-1)

by

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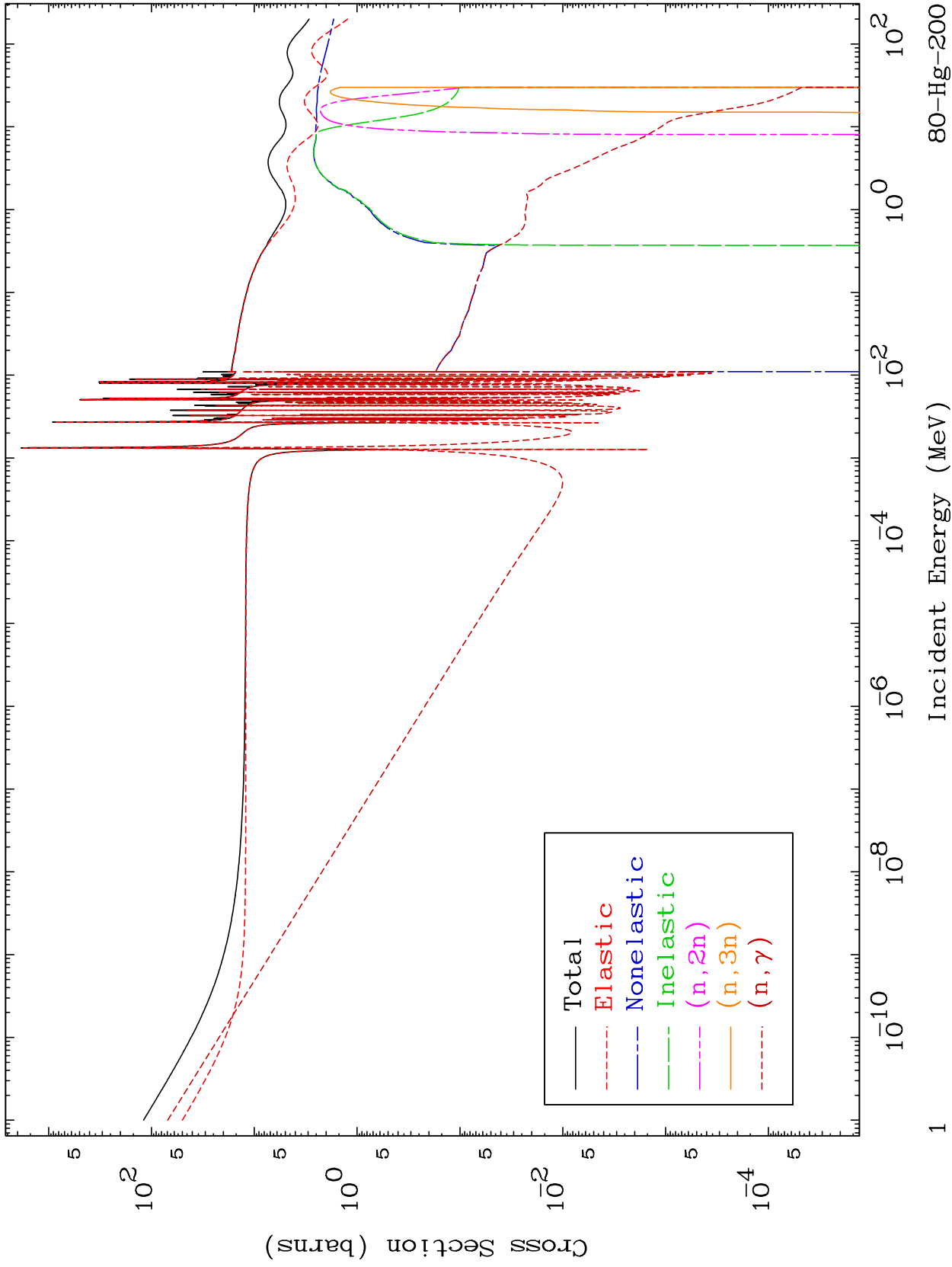
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8037

Neutron Major
293 Kelvin Cross Sections

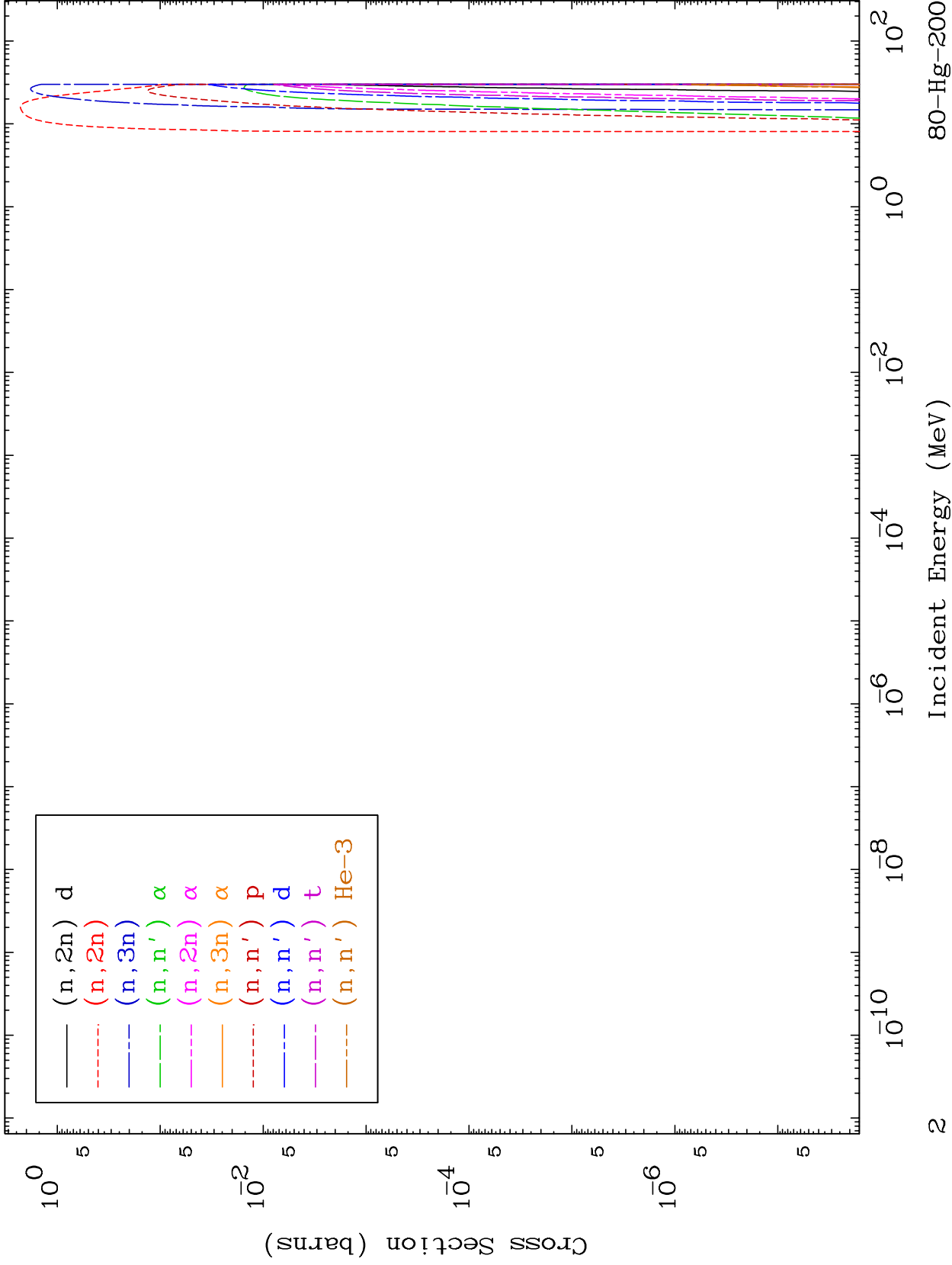
80-Hg-200



MAT 8037

Neutron Absorption
293 Kelvin Cross Sections

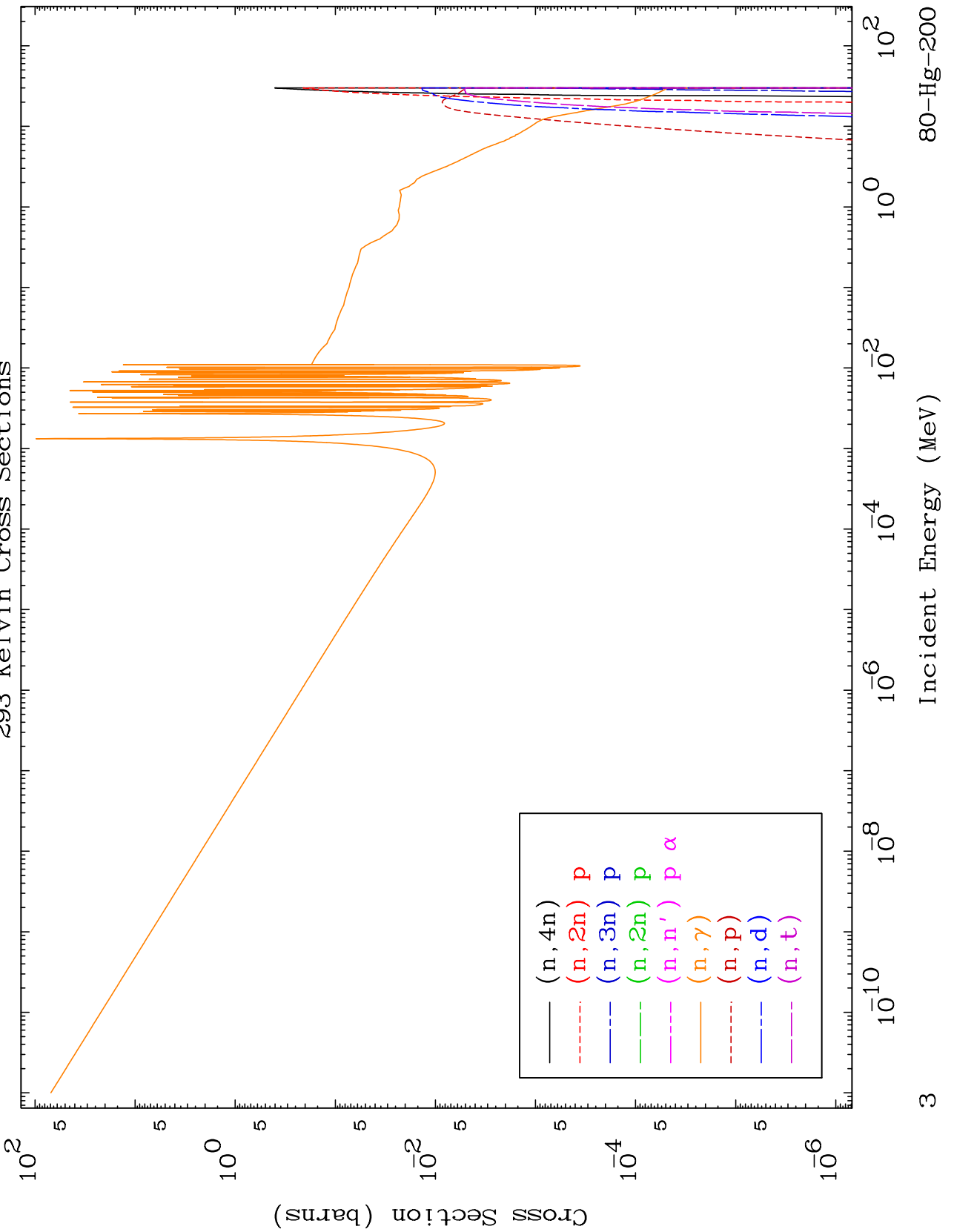
80-Hg-200



MAT 8037

Neutron Absorption
293 Kelvin Cross Sections

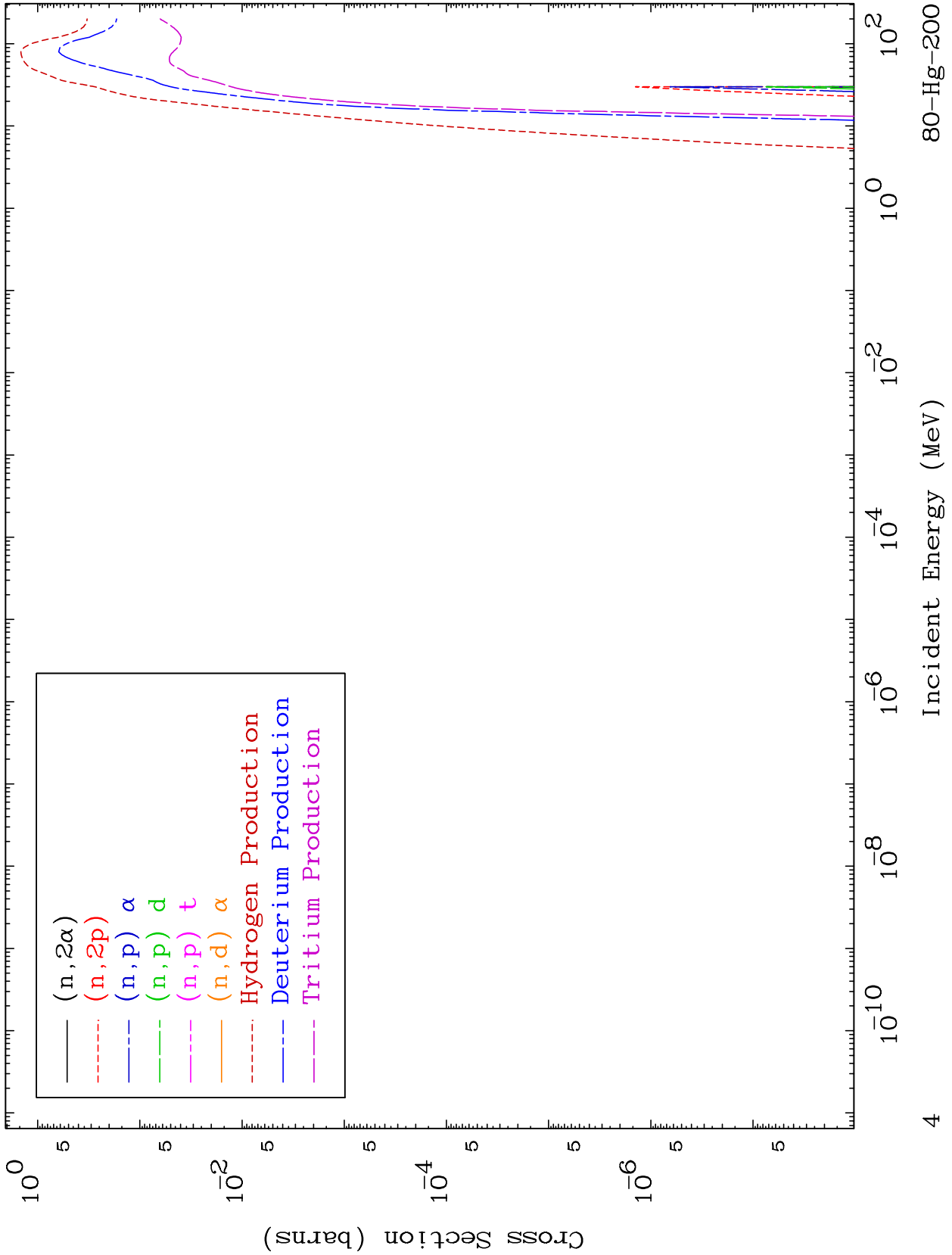
80-Hg-200



MAT 8037

Neutron Absorption
293 Kelvin Cross Sections

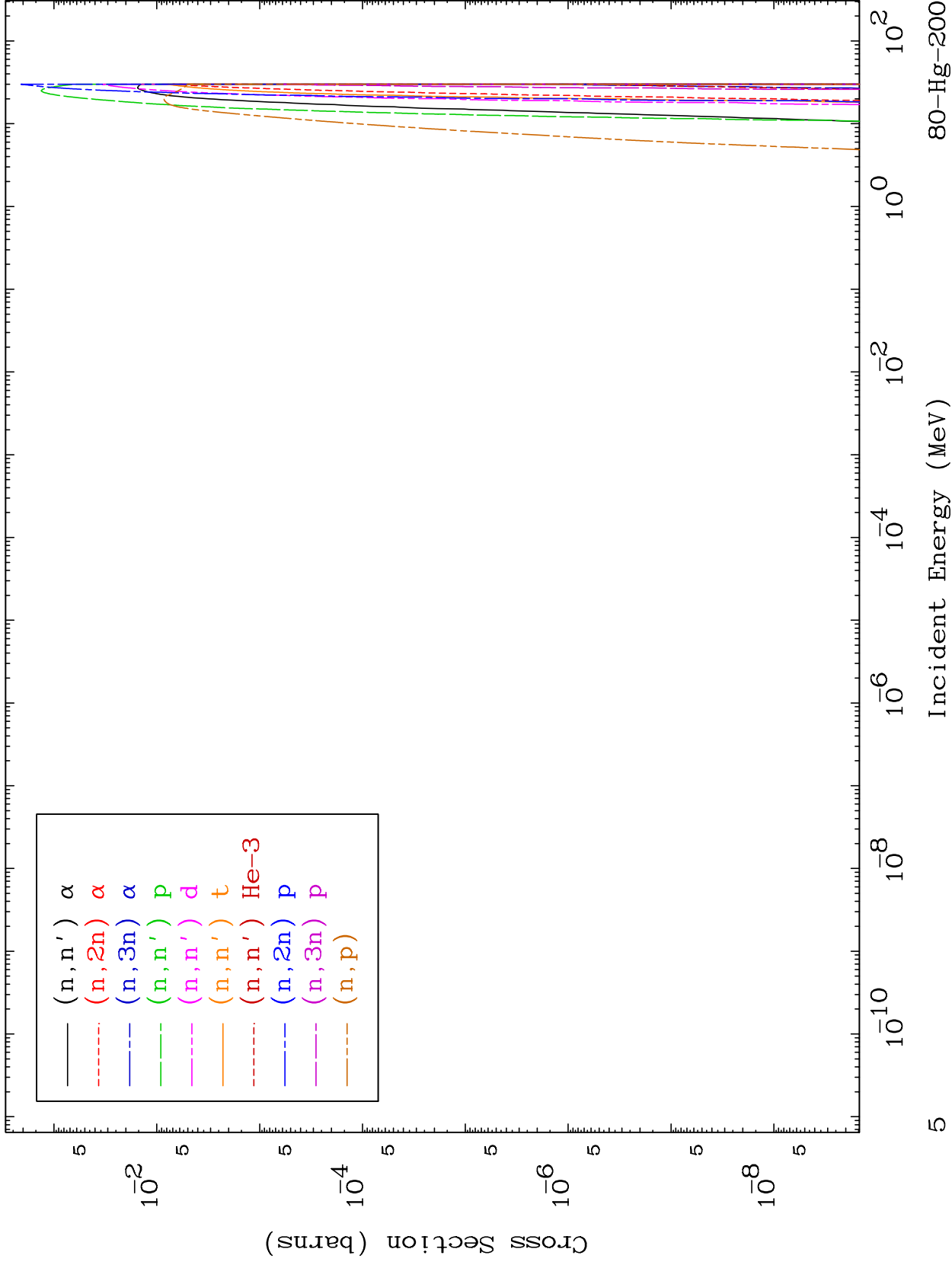
80-Hg-200



MAT 8037

Charged Particle
293 Kelvin Cross Sections

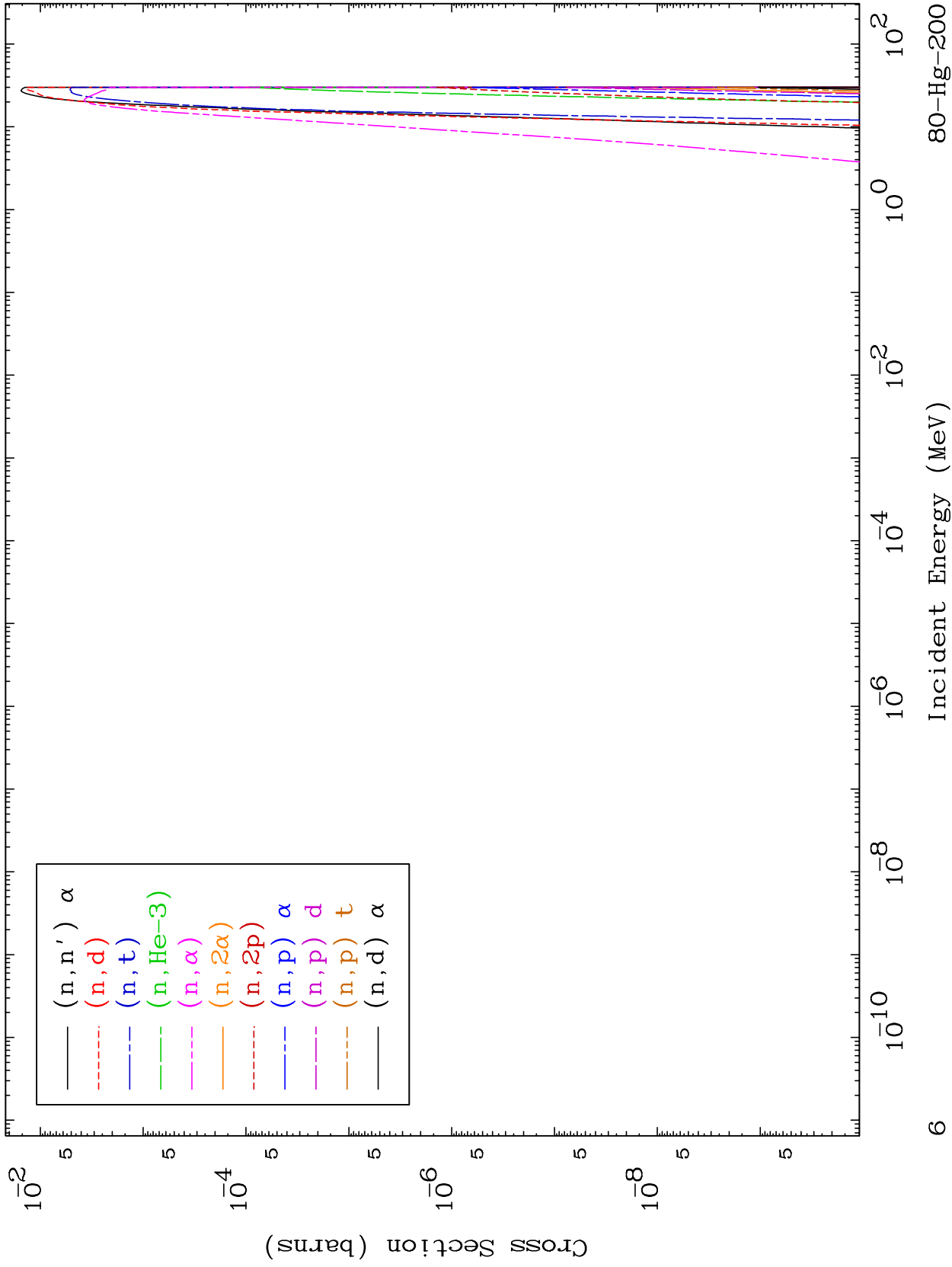
80-Hg-200



MAT 8037

Charged Particle
293 Kelvin Cross Sections

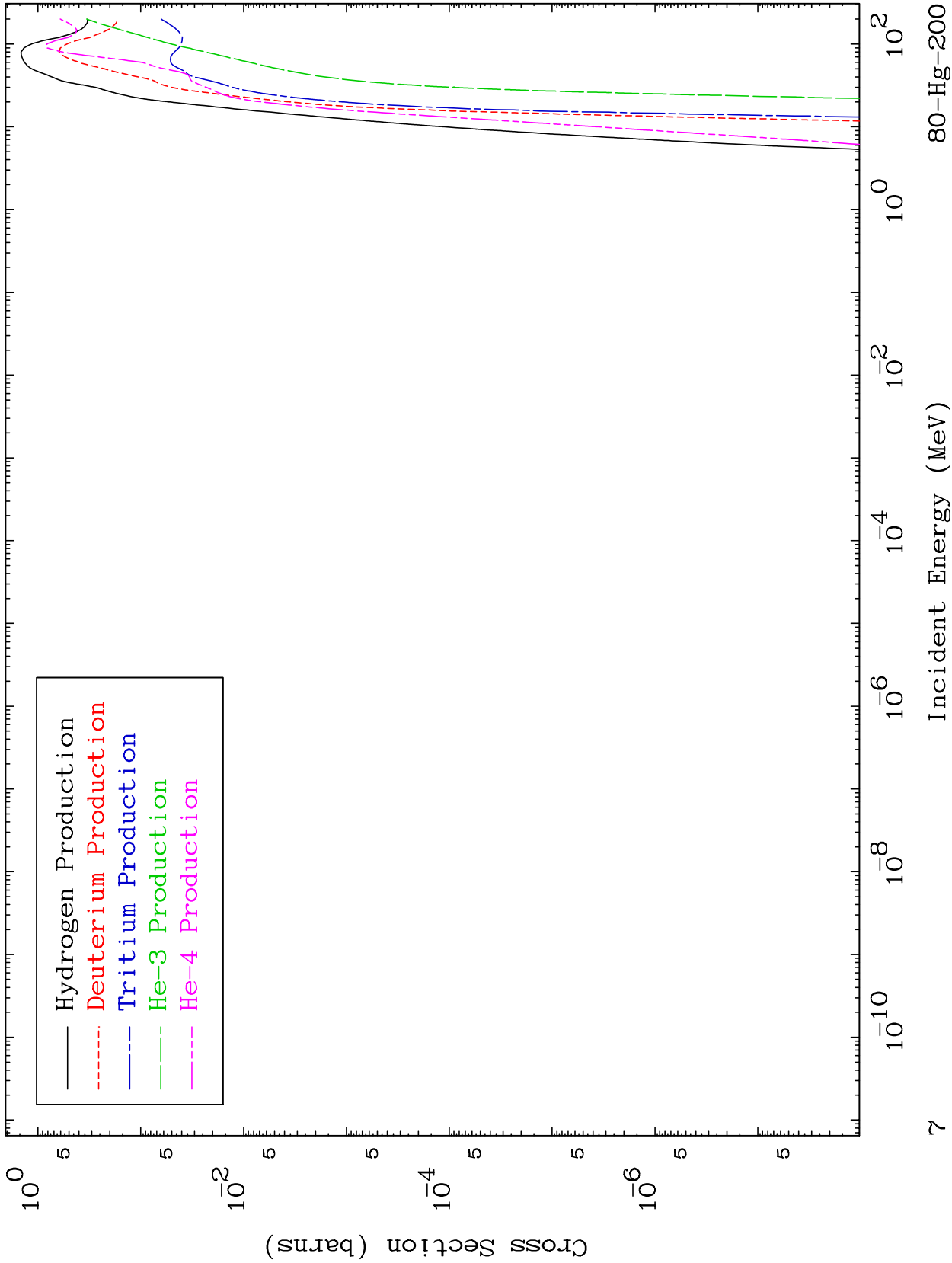
80-Hg-200



MAT 8037

Particle Production
293 Kelvin Cross Sections

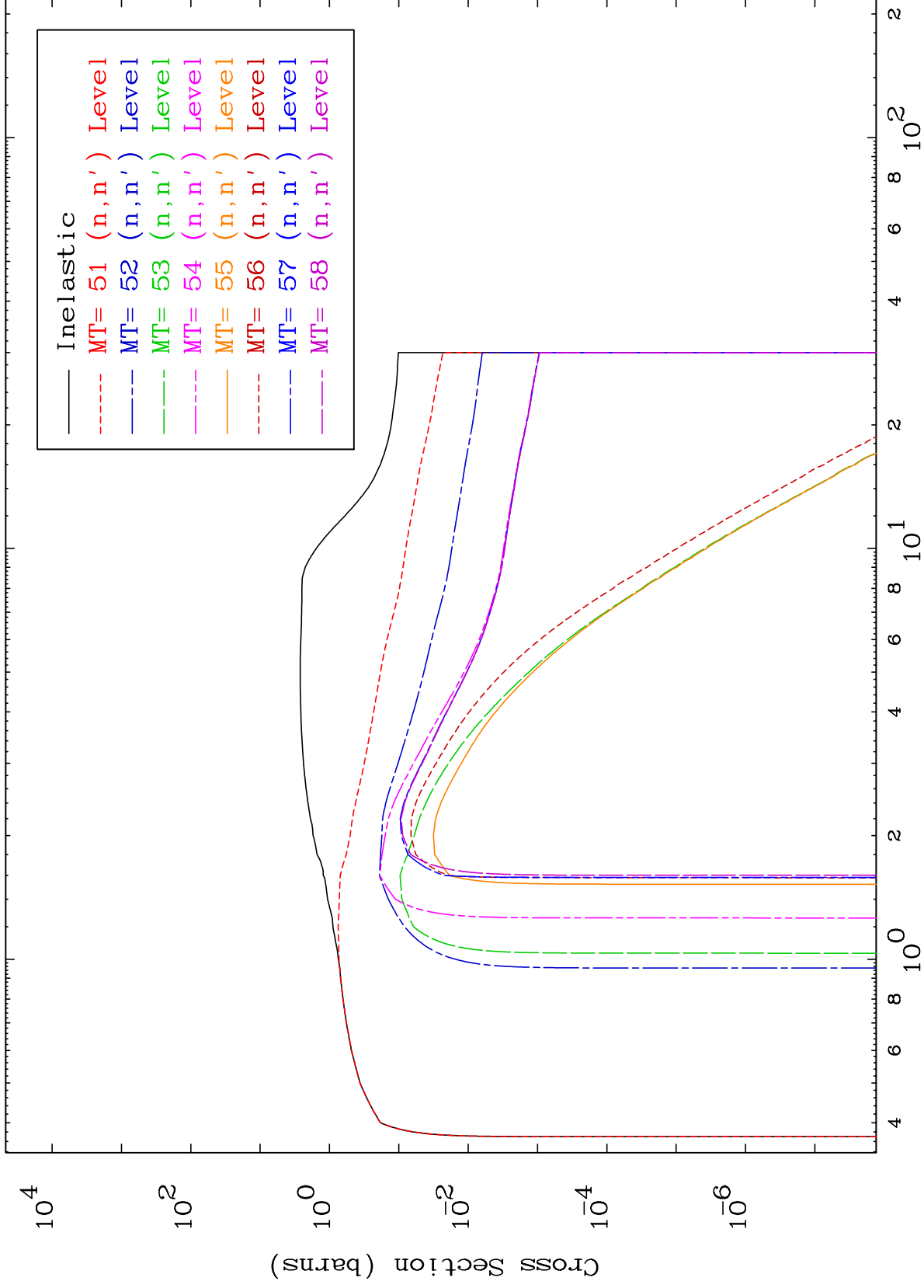
80-Hg-200



MAT 8037

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-200



8

Incident Energy (MeV)

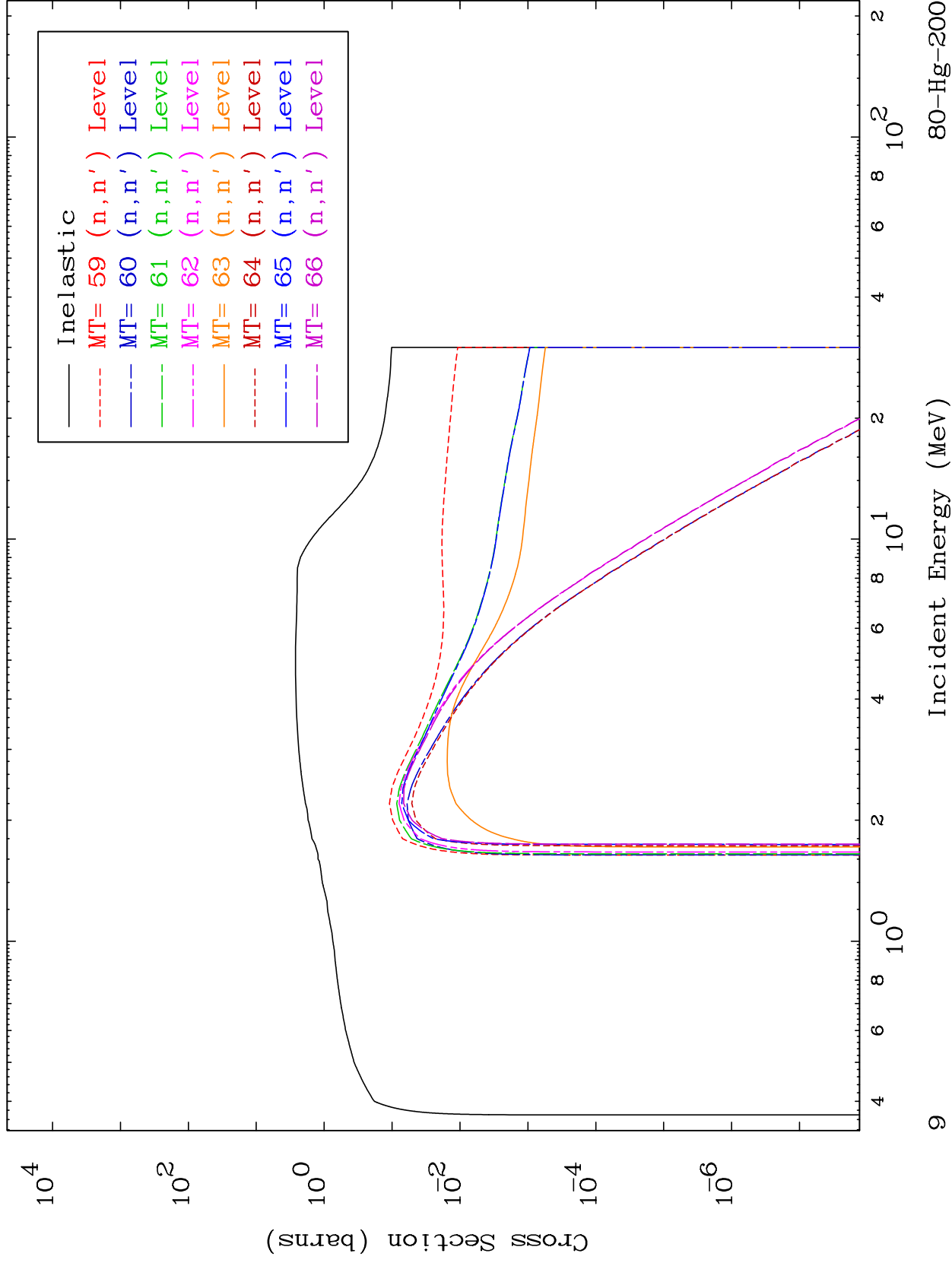
80-Hg-200

MAT 8037

(n,n') Levels

80-Hg-200

293 Kelvin Cross Sections

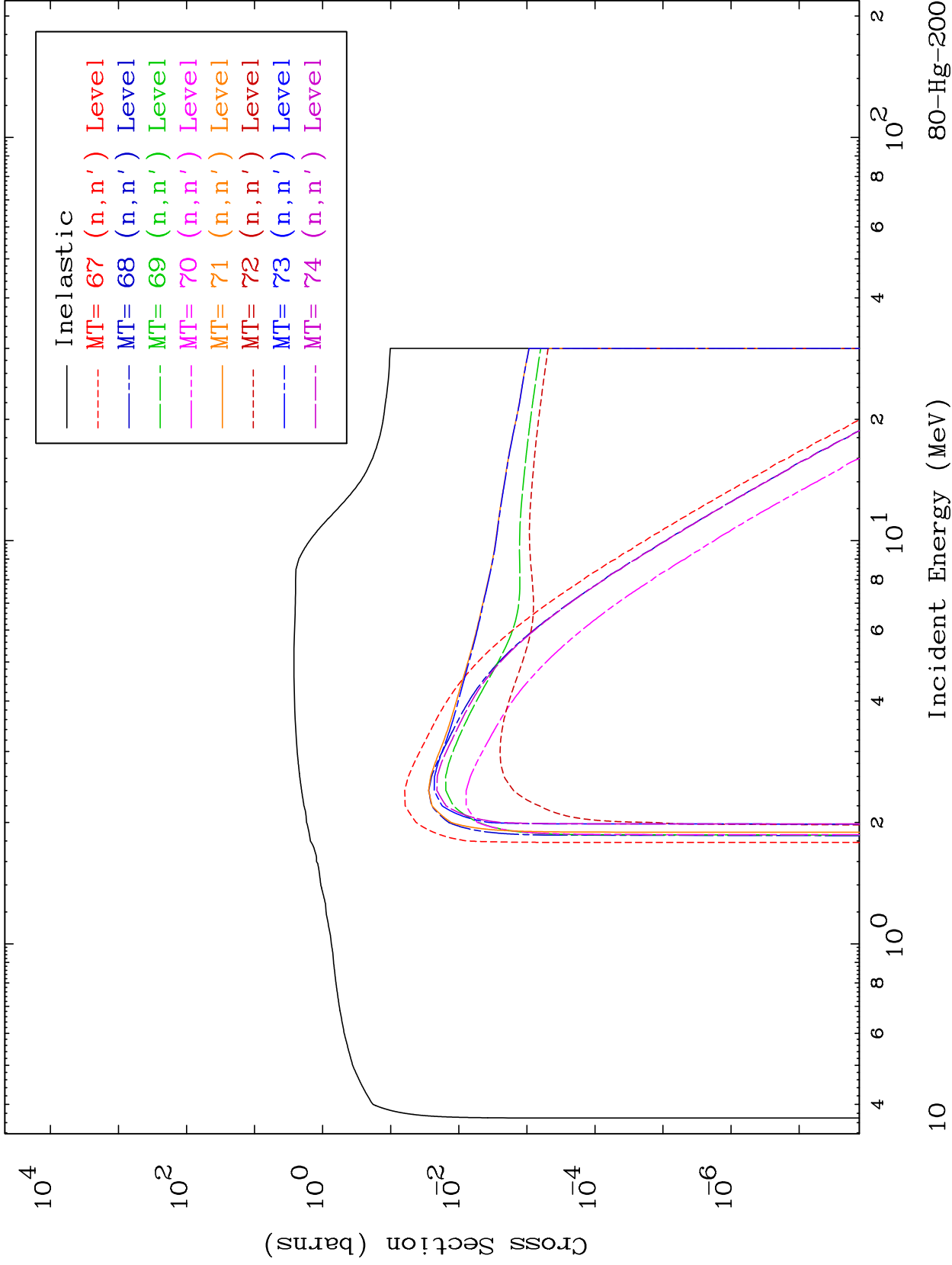


MAT 8037

(n,n') Levels

293 Kelvin Cross Sections

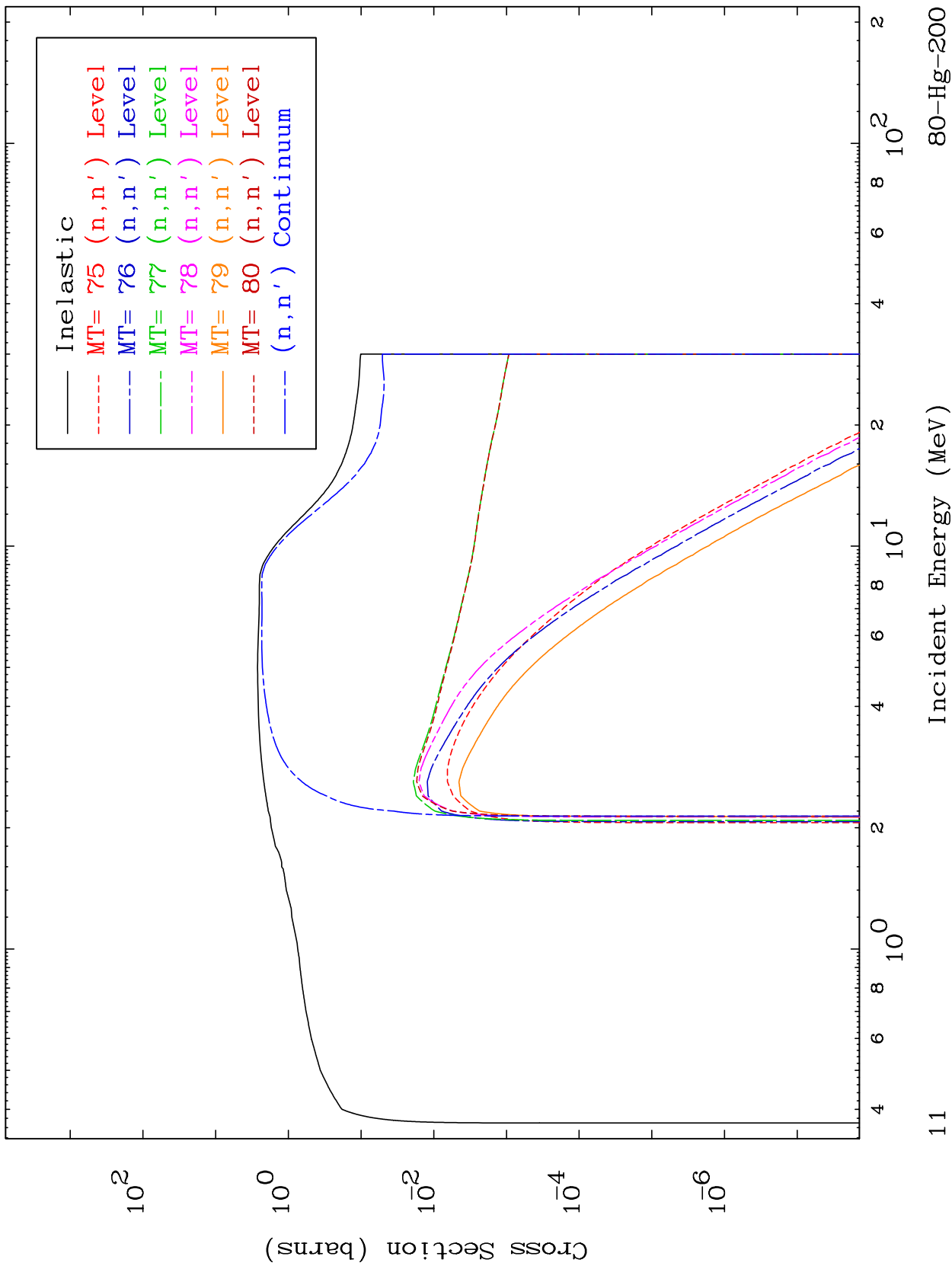
80-Hg-200



MAT 8037

(n,n') Levels
293 Kelvin Cross Sections

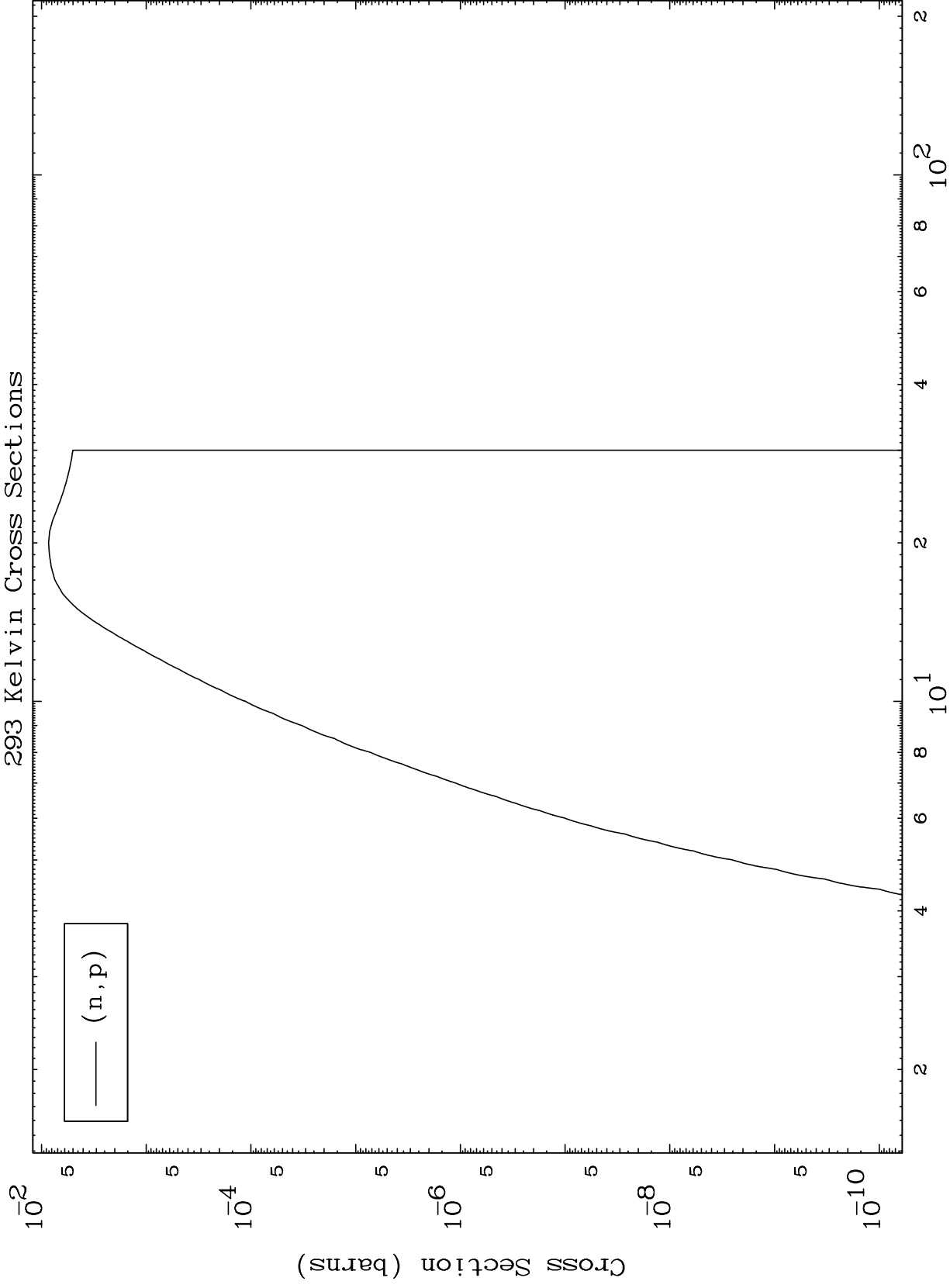
80-Hg-200



MAT 8037

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-200



12

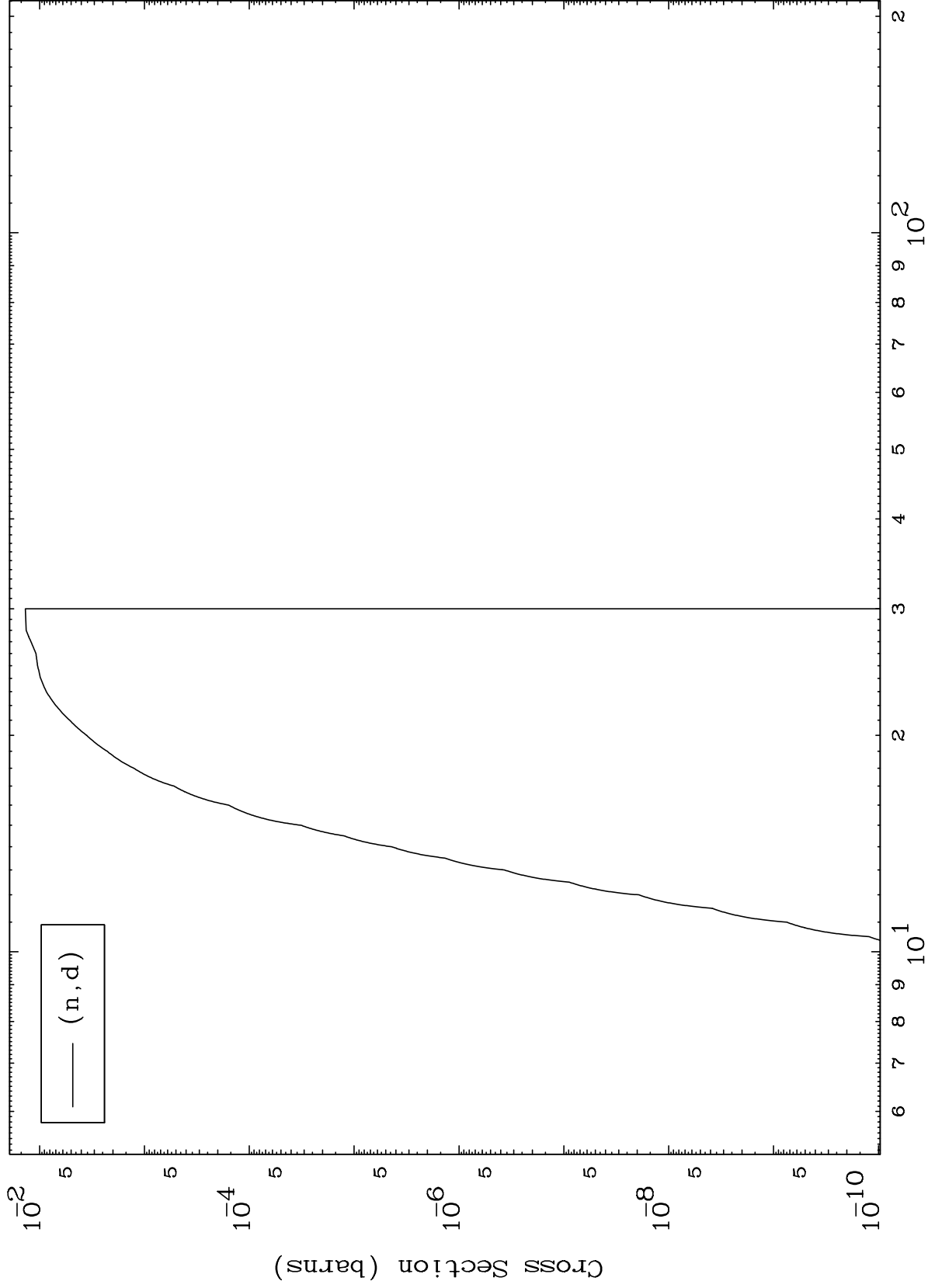
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-200



13

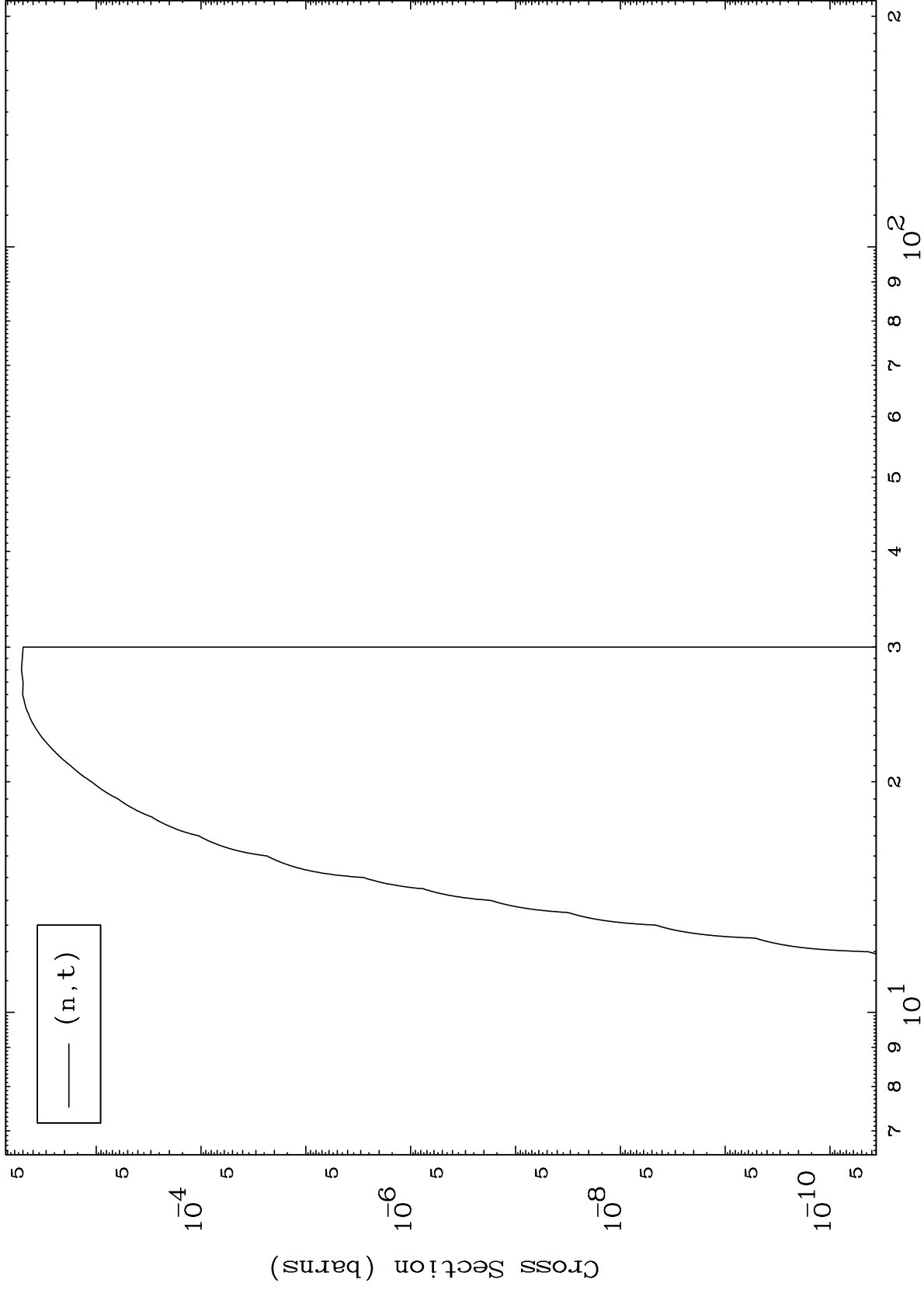
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-200



14

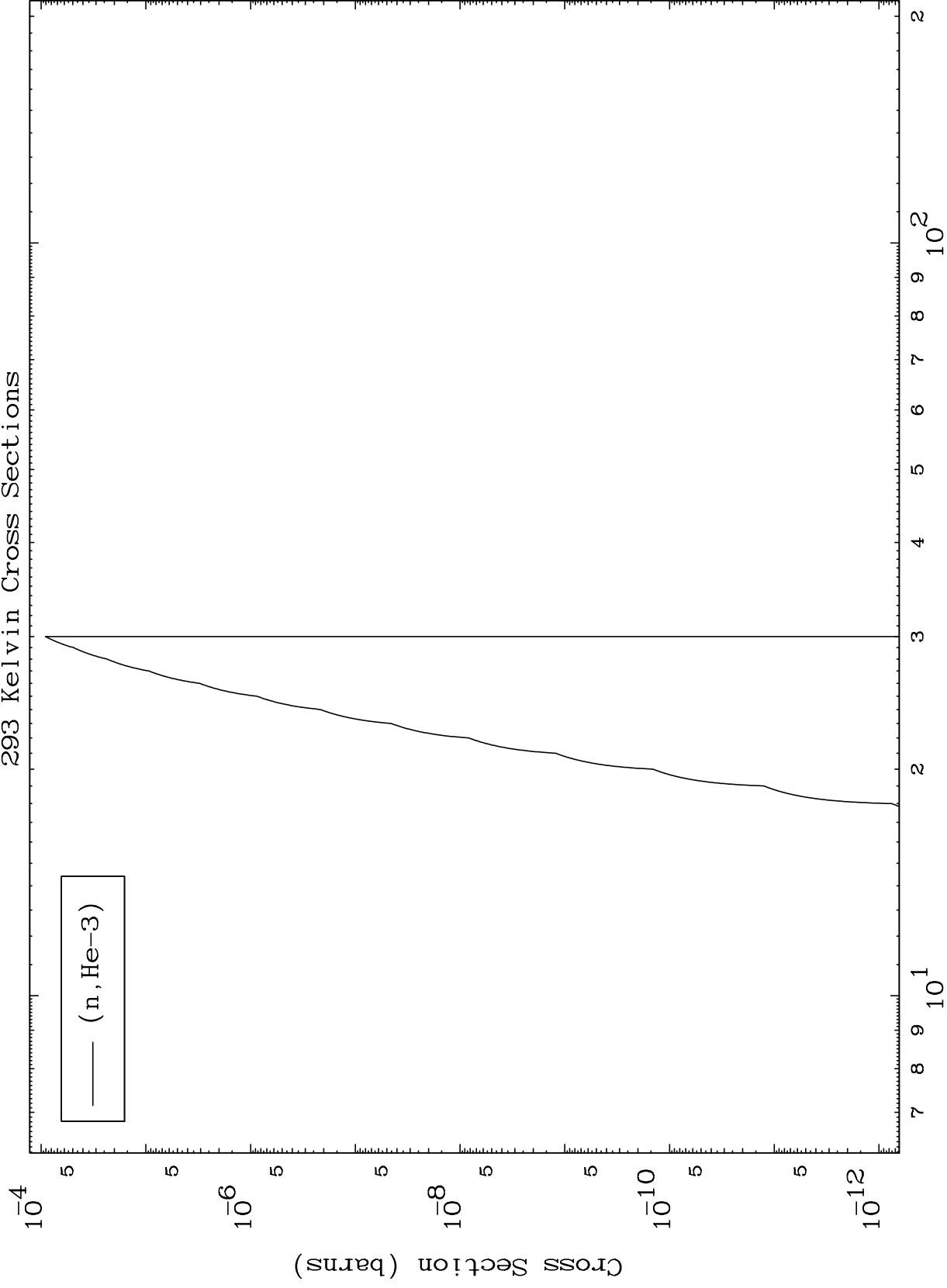
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-200



15

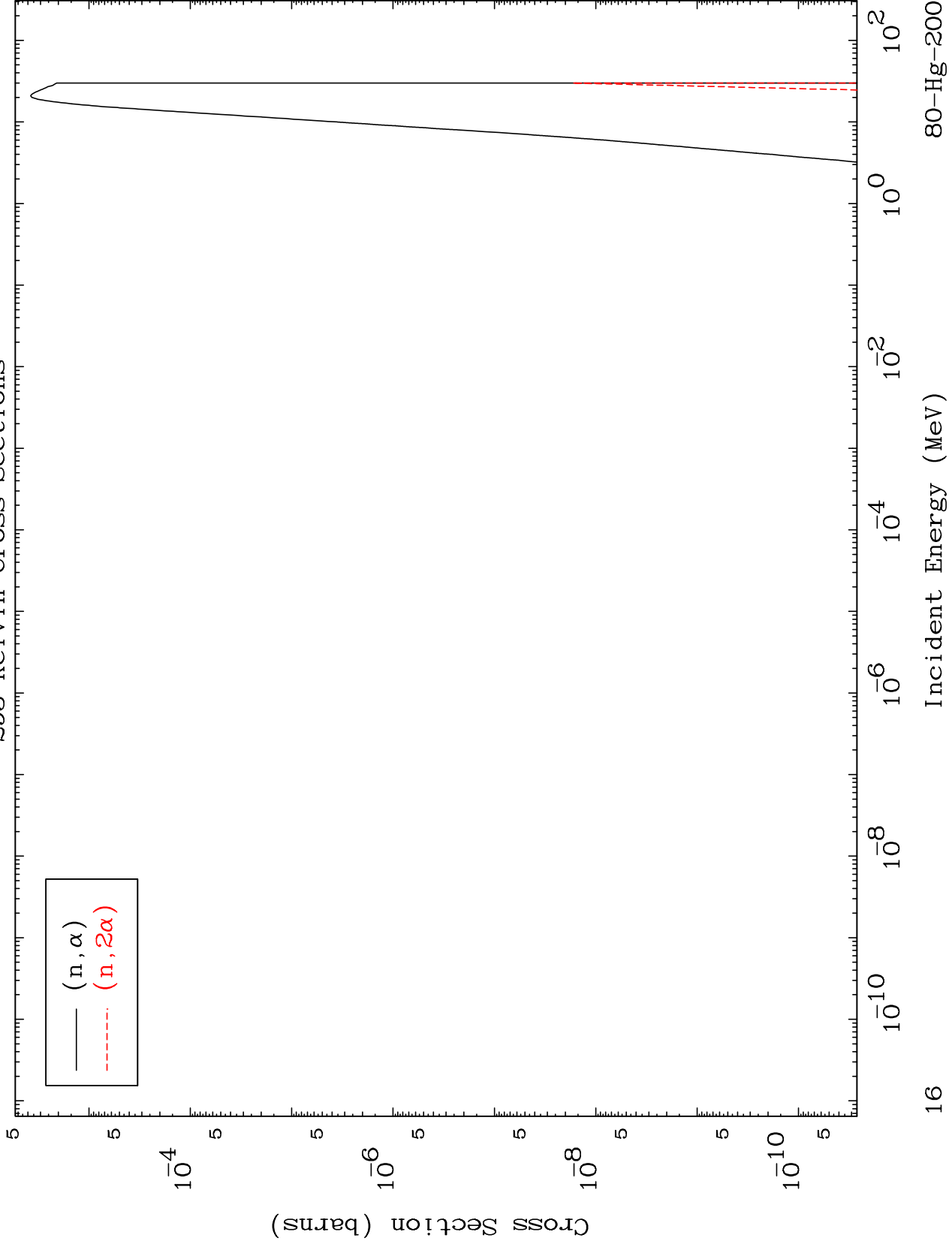
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n, α) Levels
293 Kelvin Cross Sections

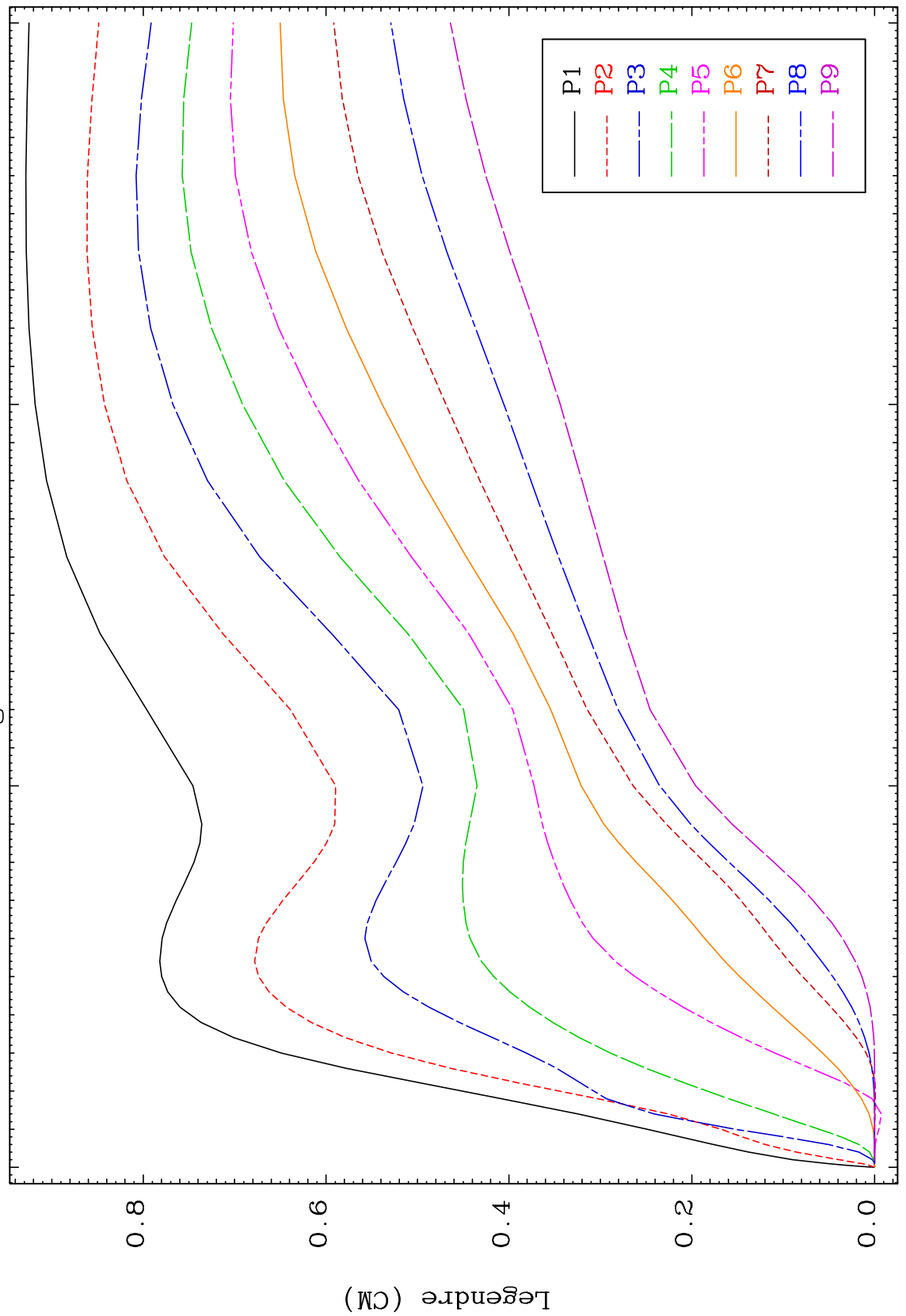
80-Hg-200



MAT 8037

Elastic Legendre Coefficients

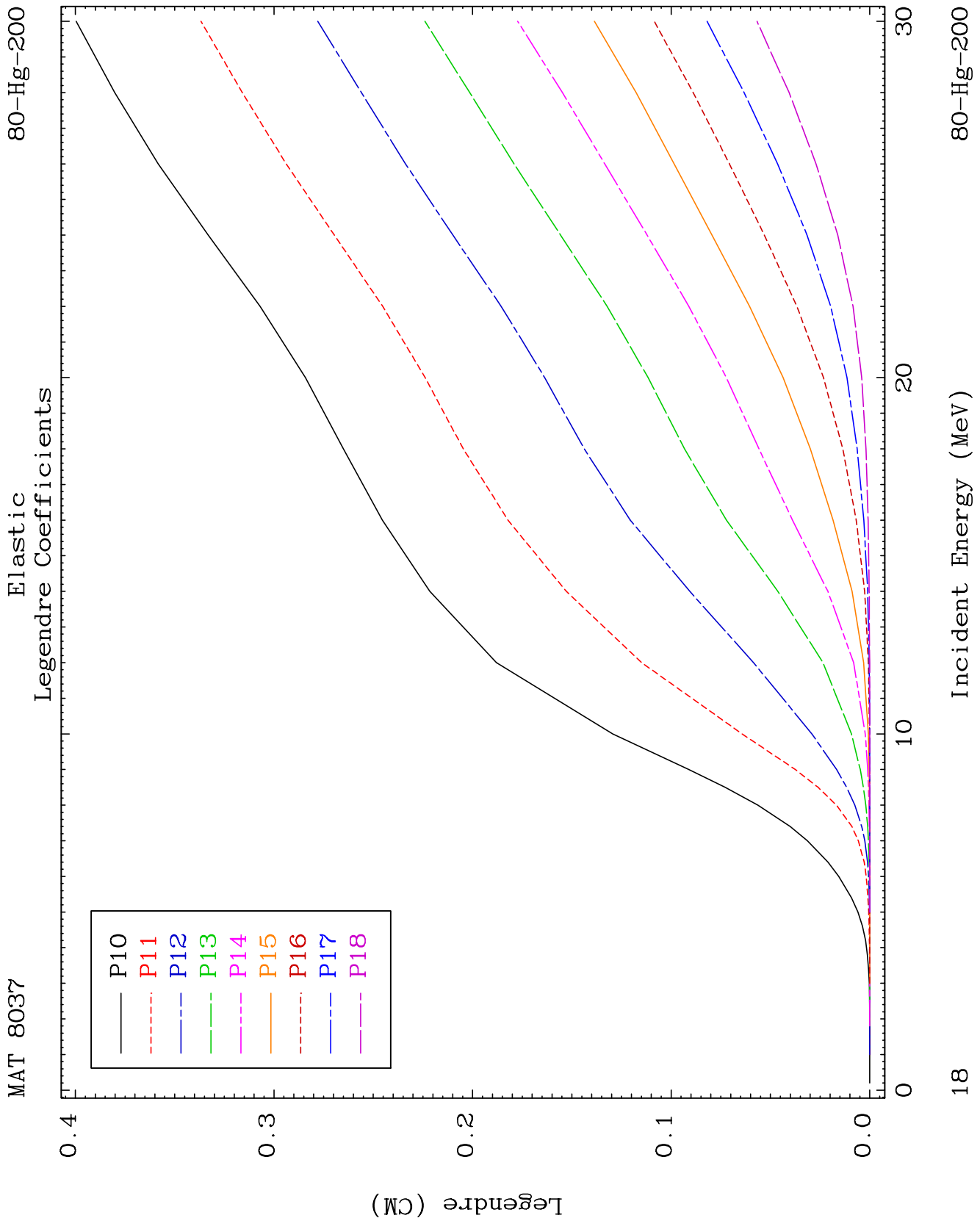
80-Hg-200



17

Incident Energy (MeV)

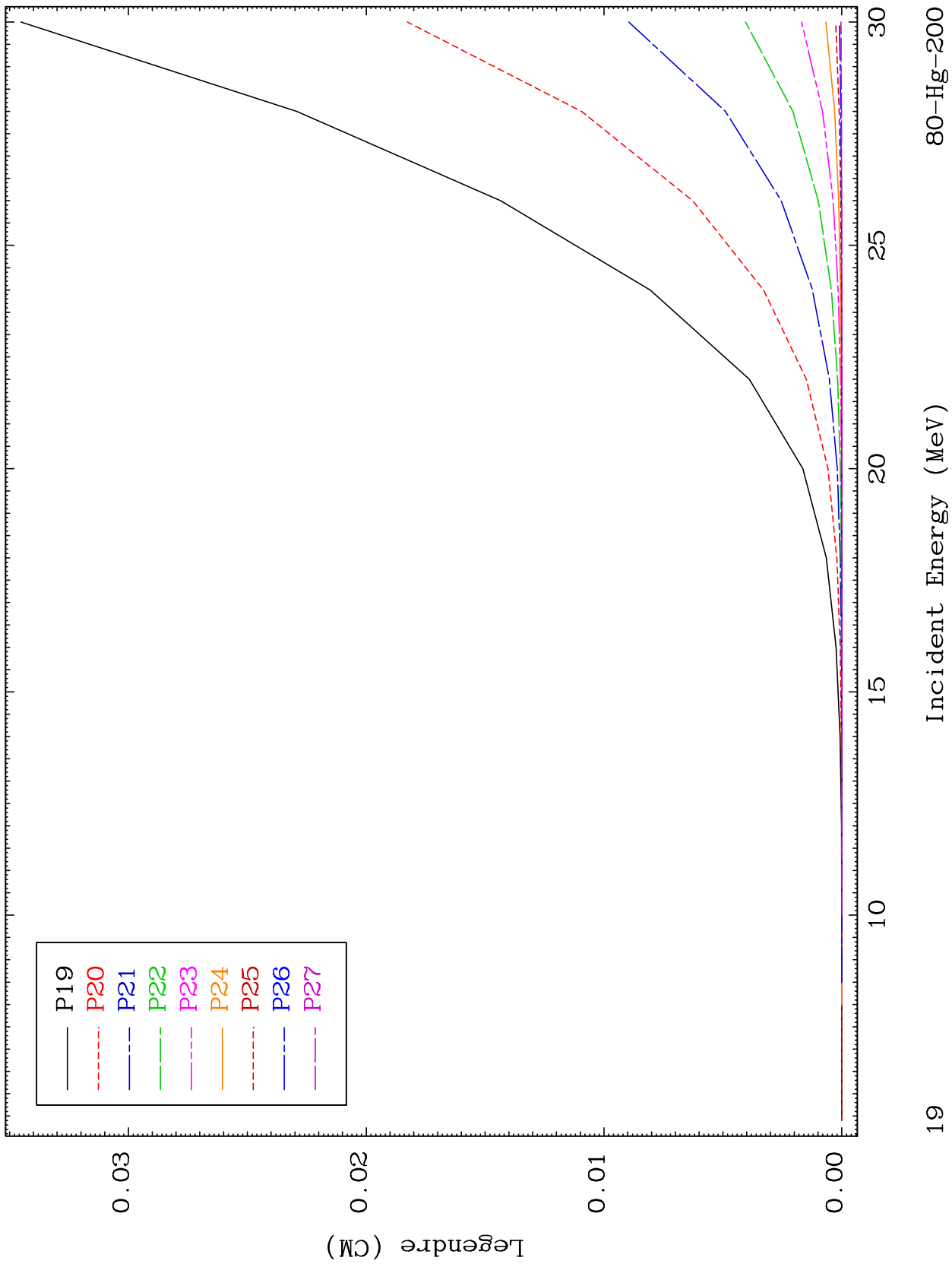
80-Hg-200



MAT 8037

Elastic Legendre Coefficients

80-Hg-200



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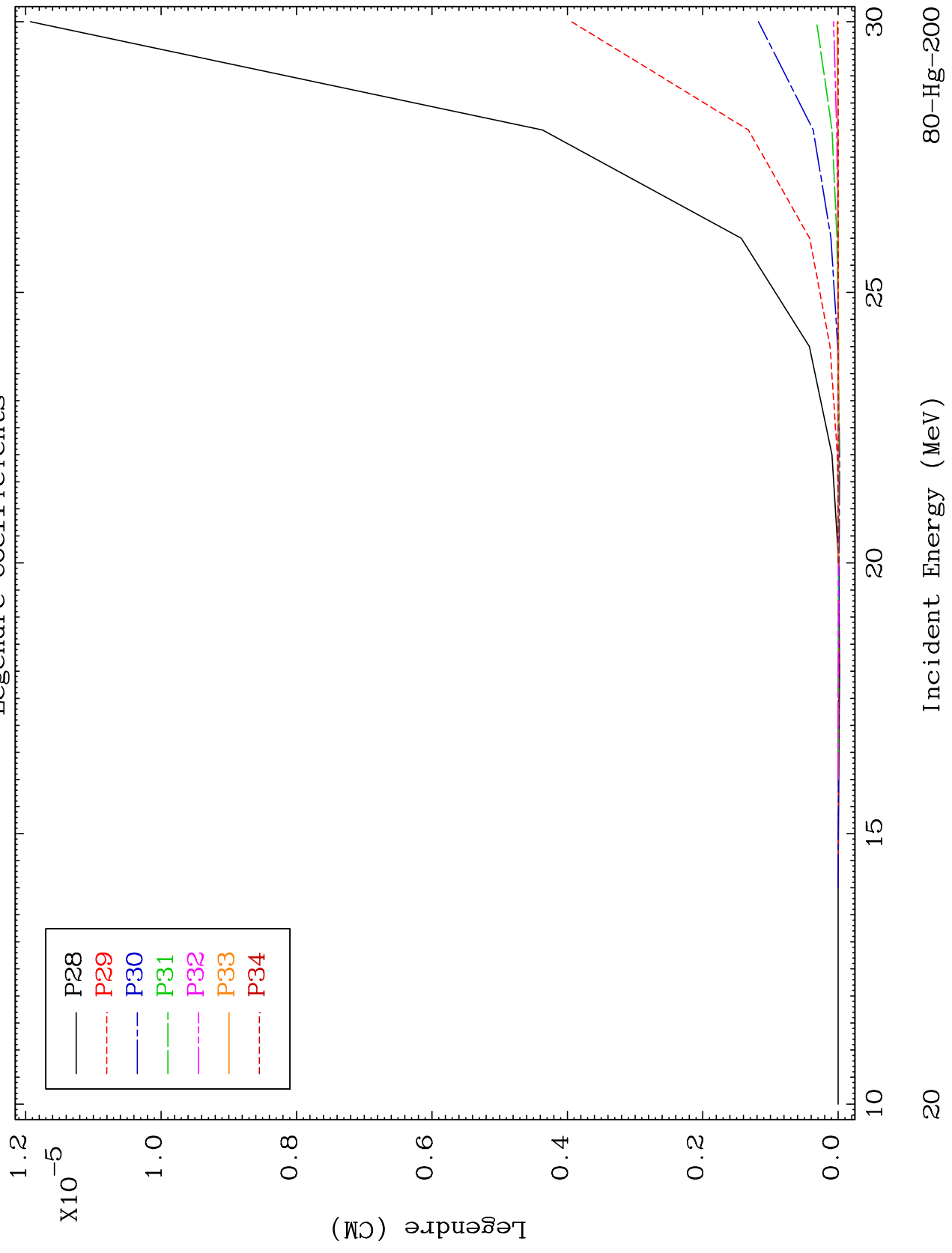
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

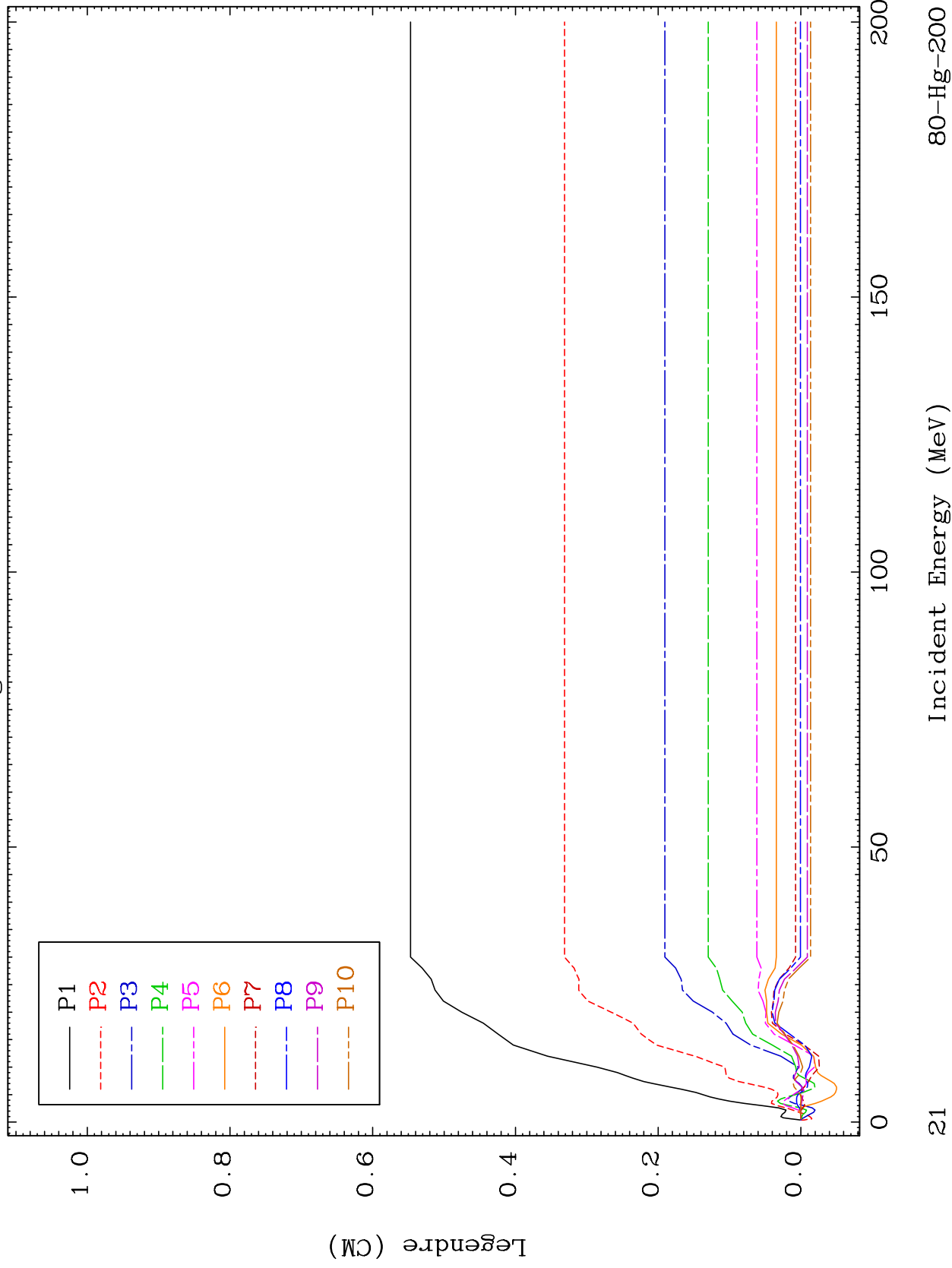
80-Hg-200



MAT 8037

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

80-Hg-200



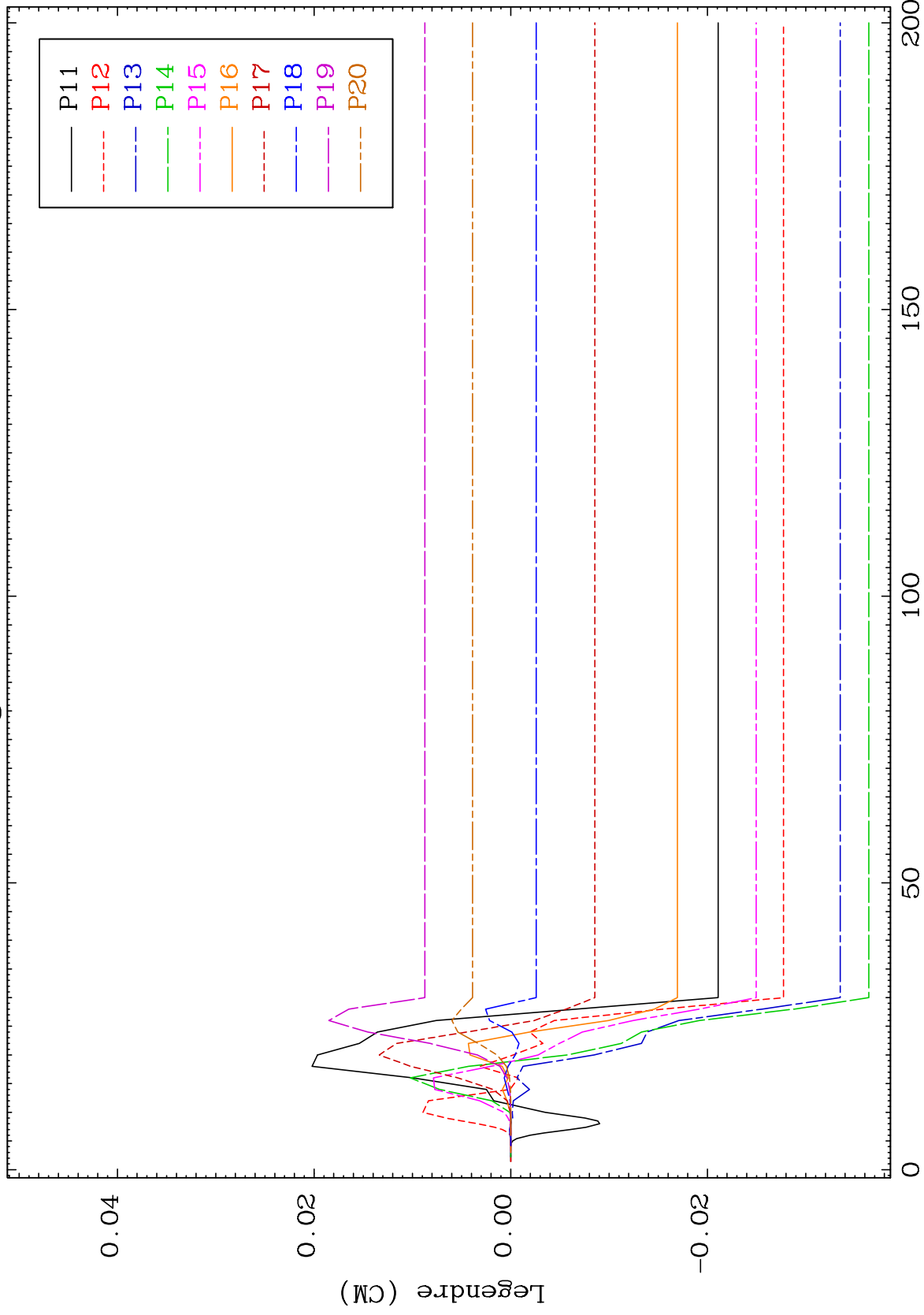
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80-Hg-200

MAT 8037

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

80-Hg-200



22

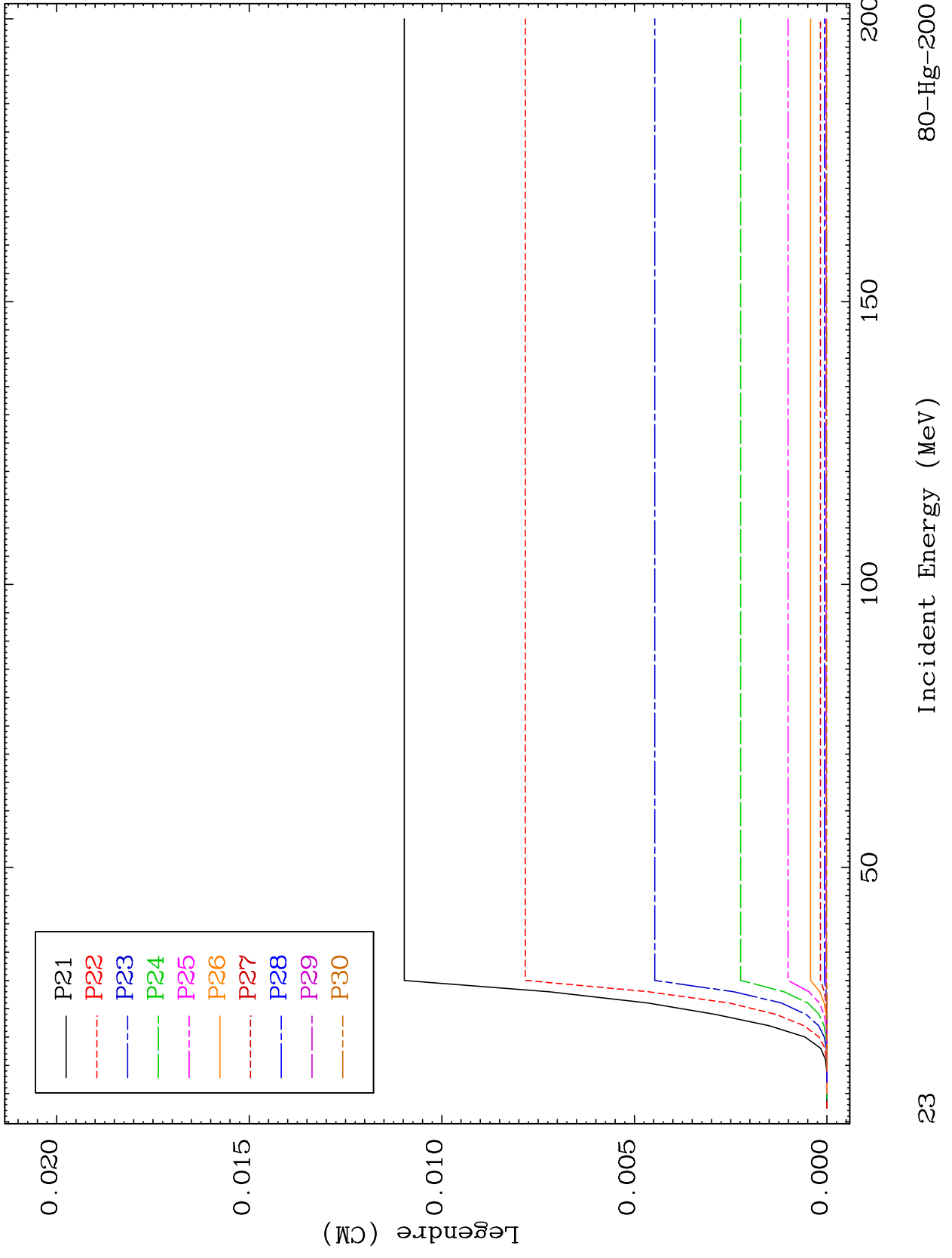
Incident Energy (MeV)

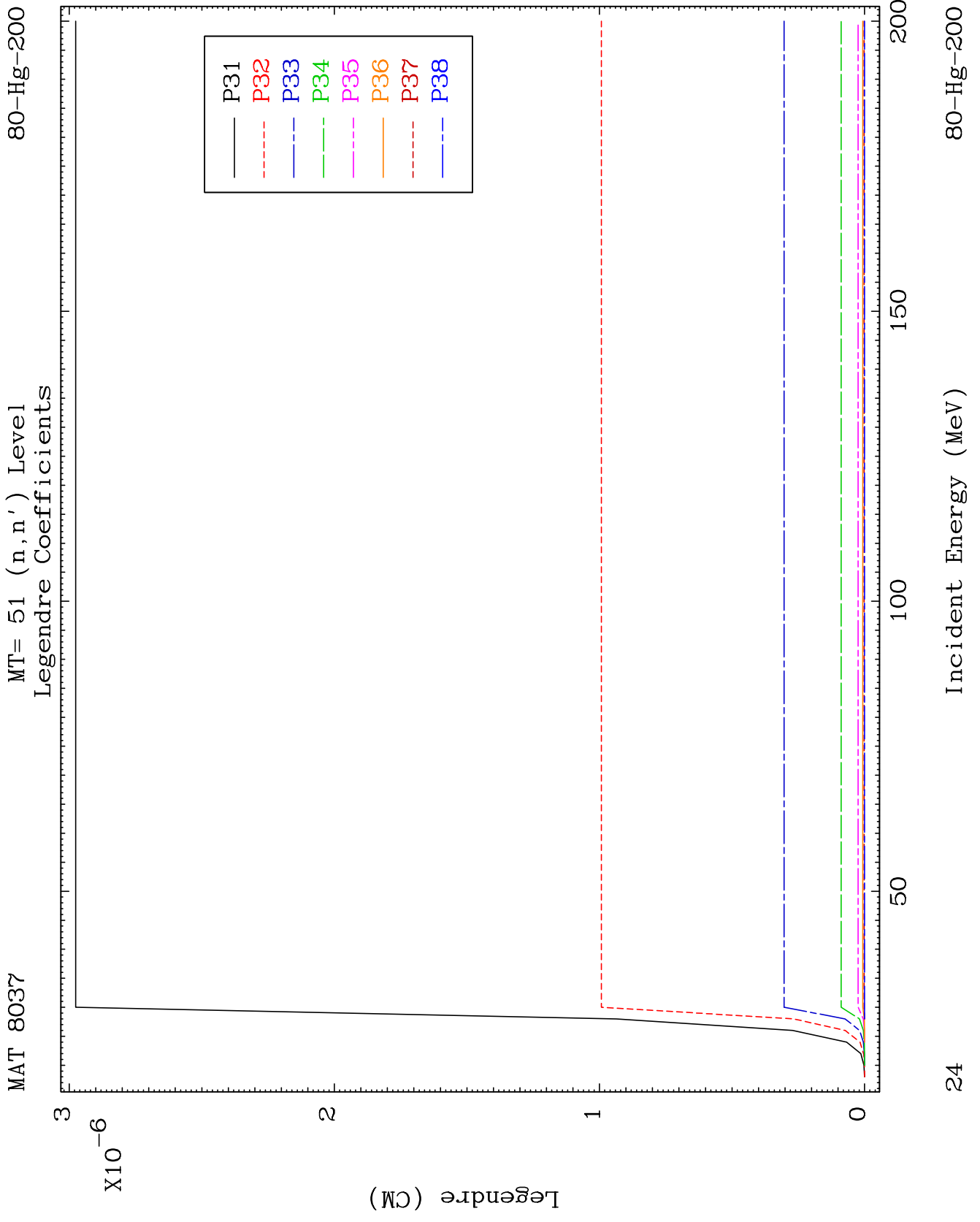
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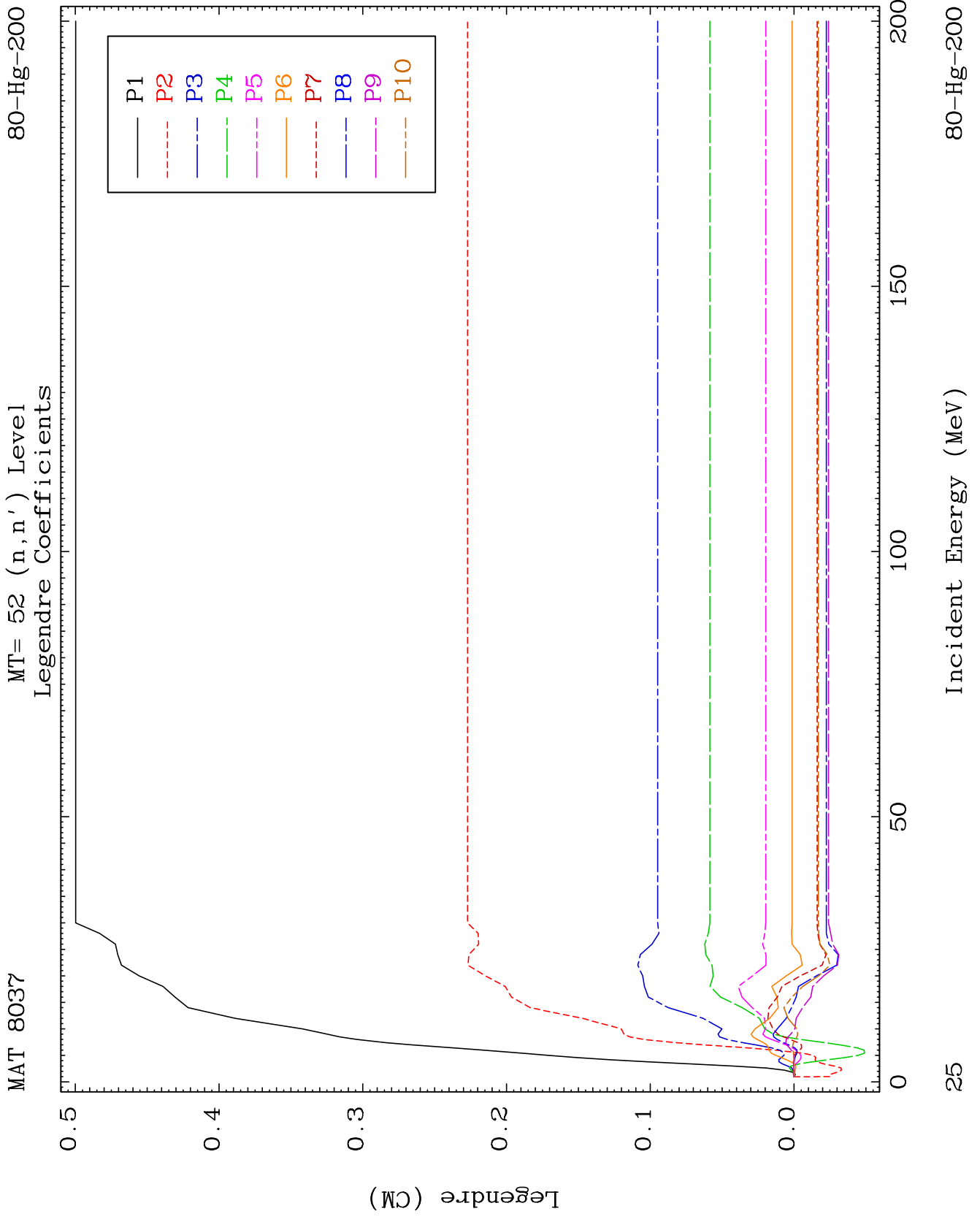
MAT 8037

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

80-Hg-200



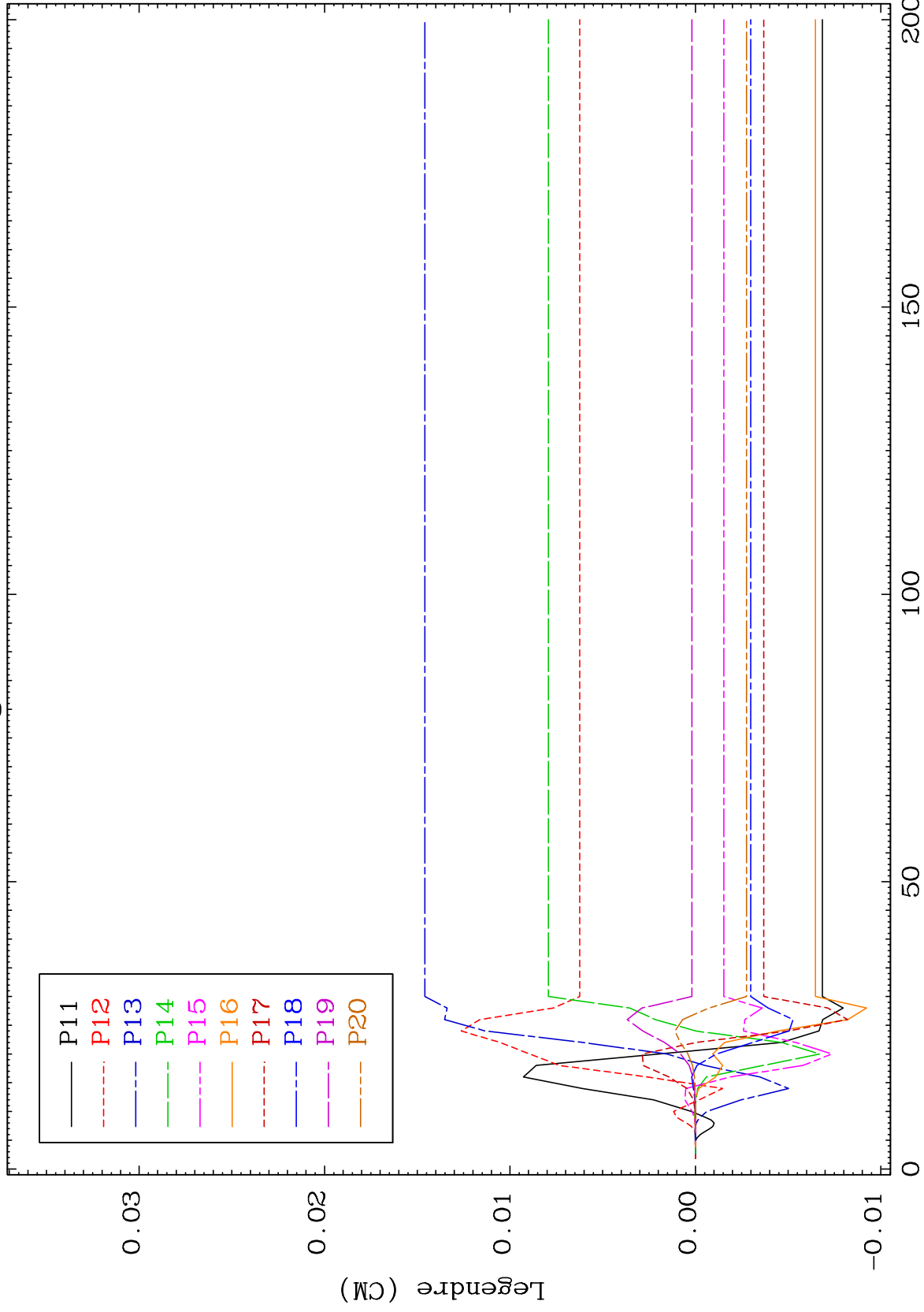




MAT 8037

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

80-Hg-200



26

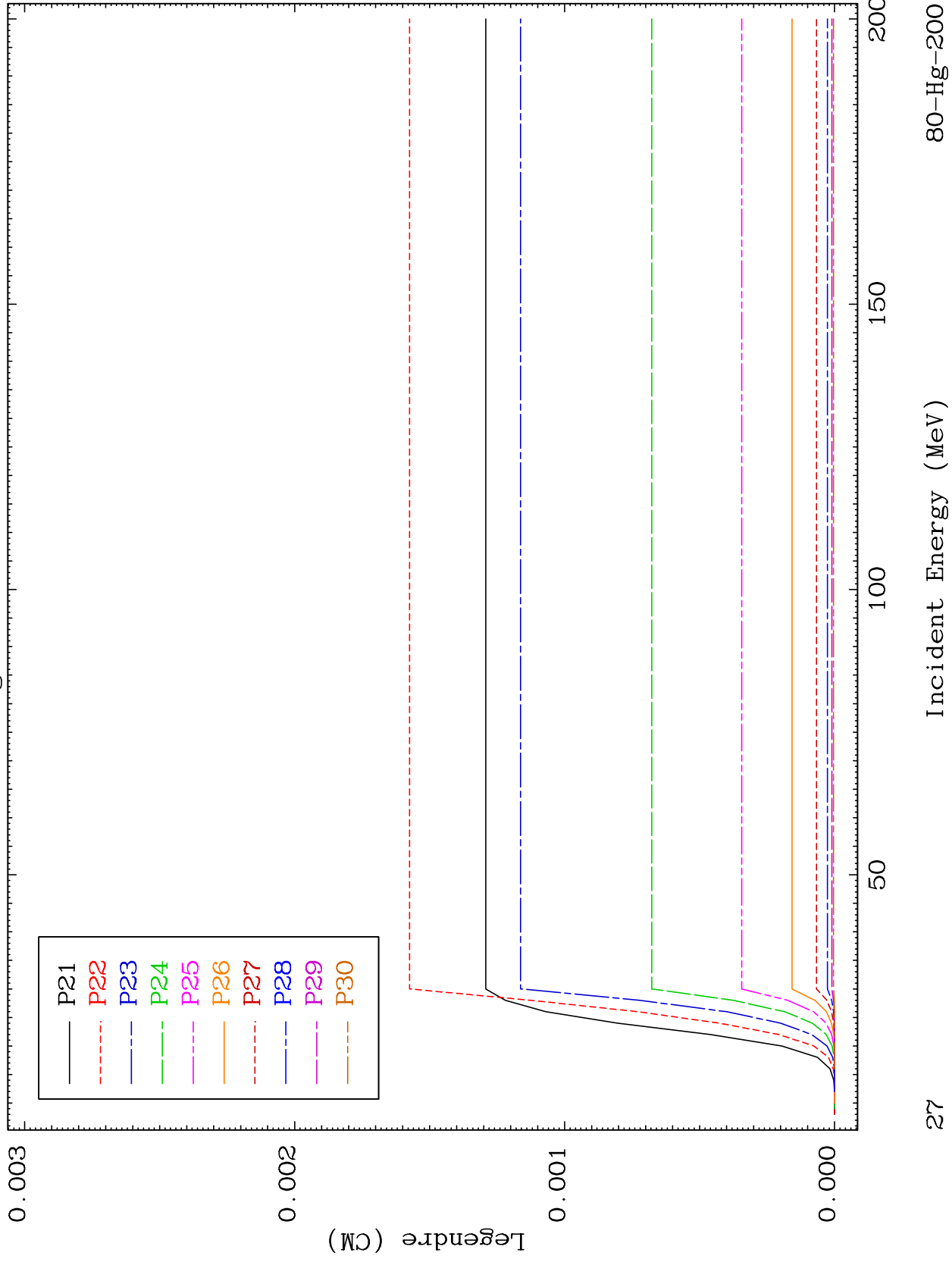
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



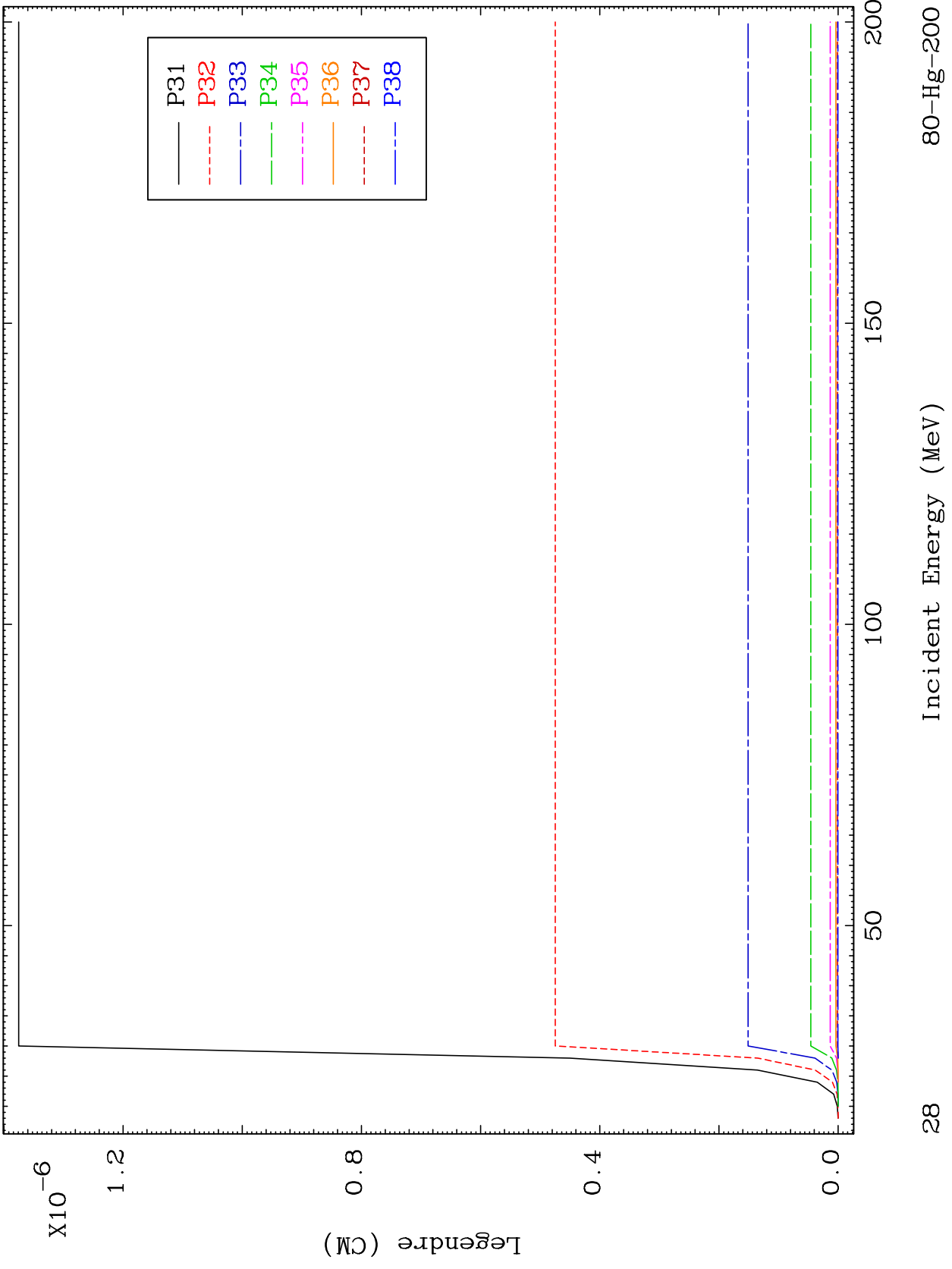
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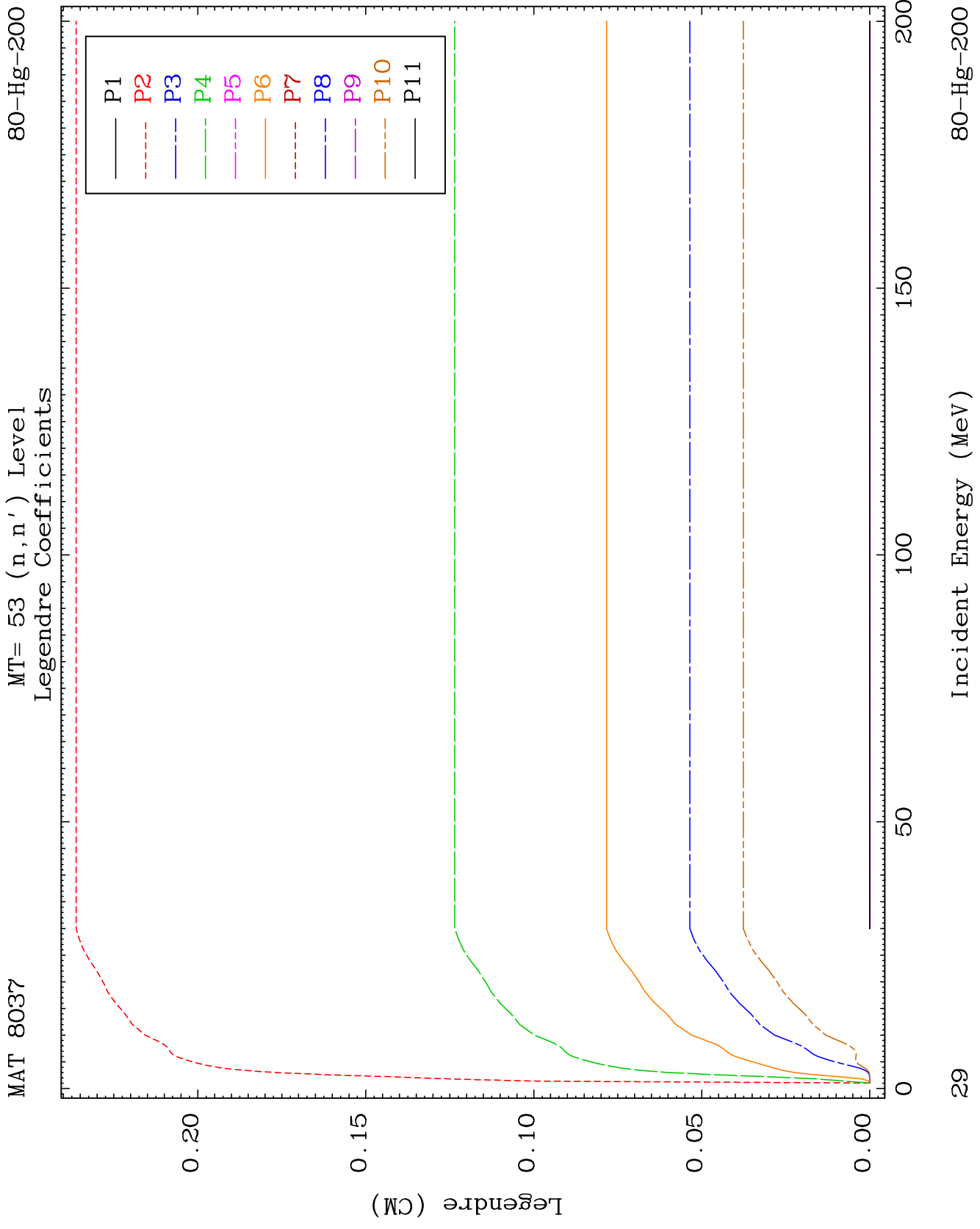
80-Hg-200

MAT 8037

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

80-Hg-200

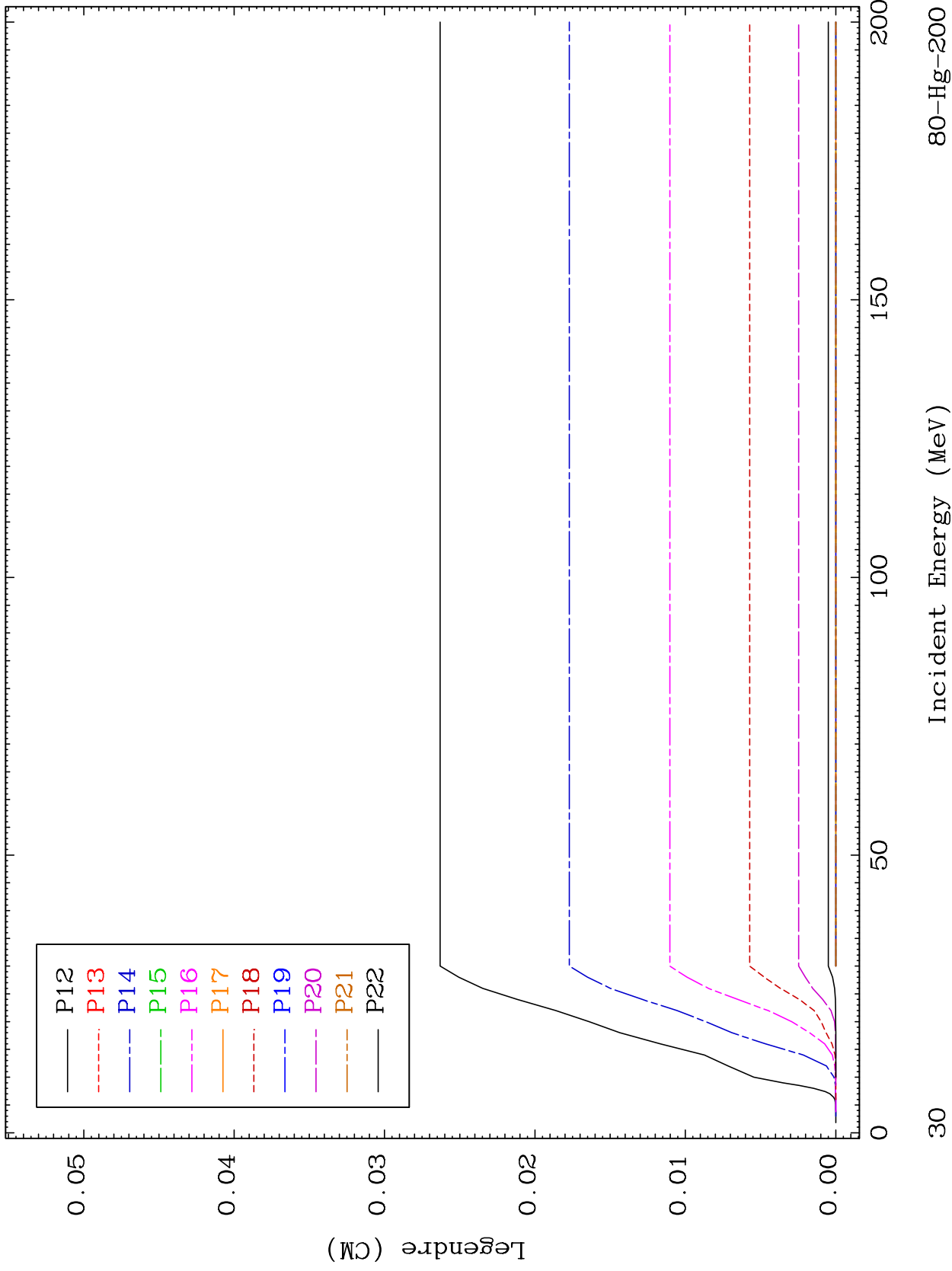




MAT 8037

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

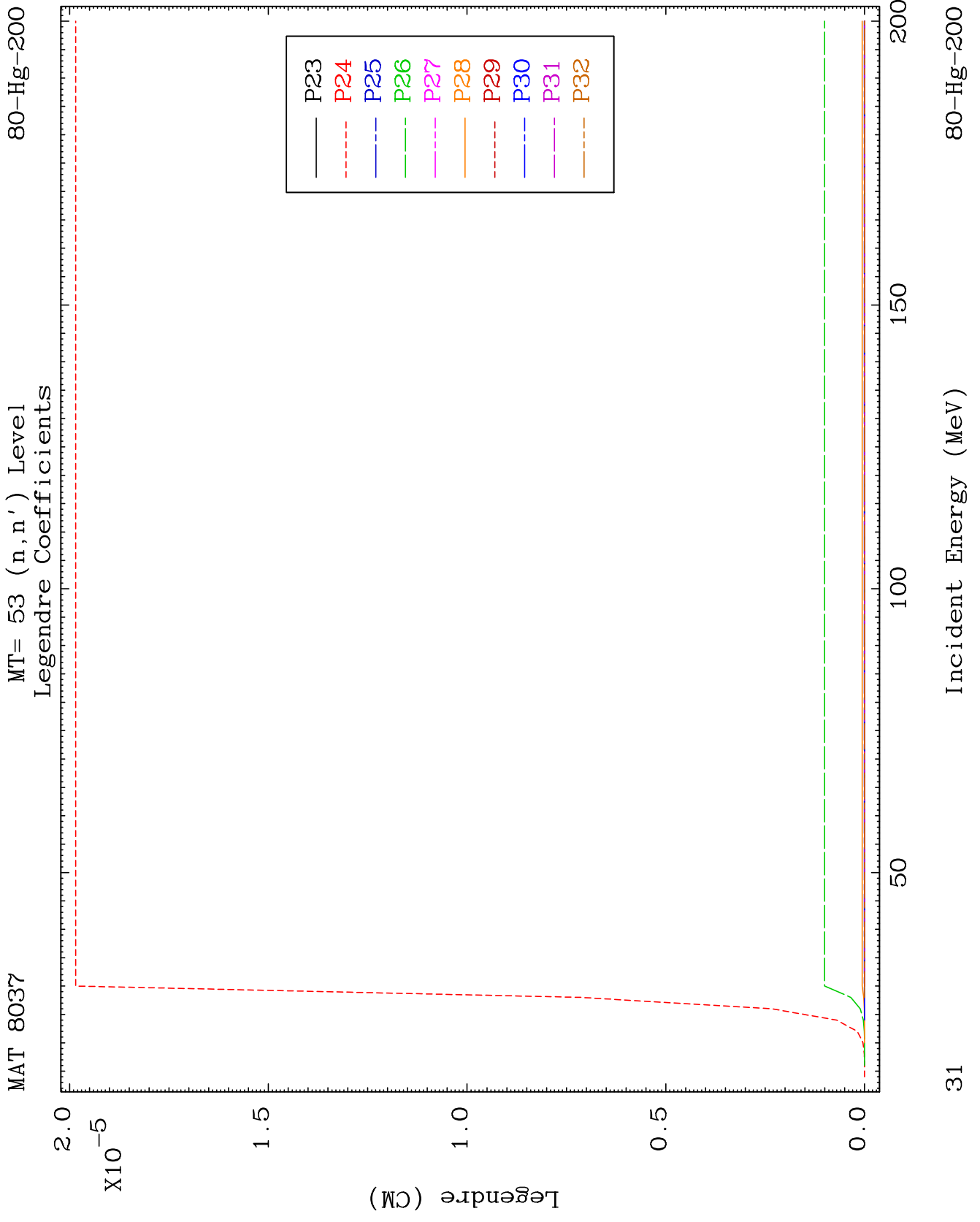
80-Hg-200



80-Hg-200

Incident Energy (MeV)

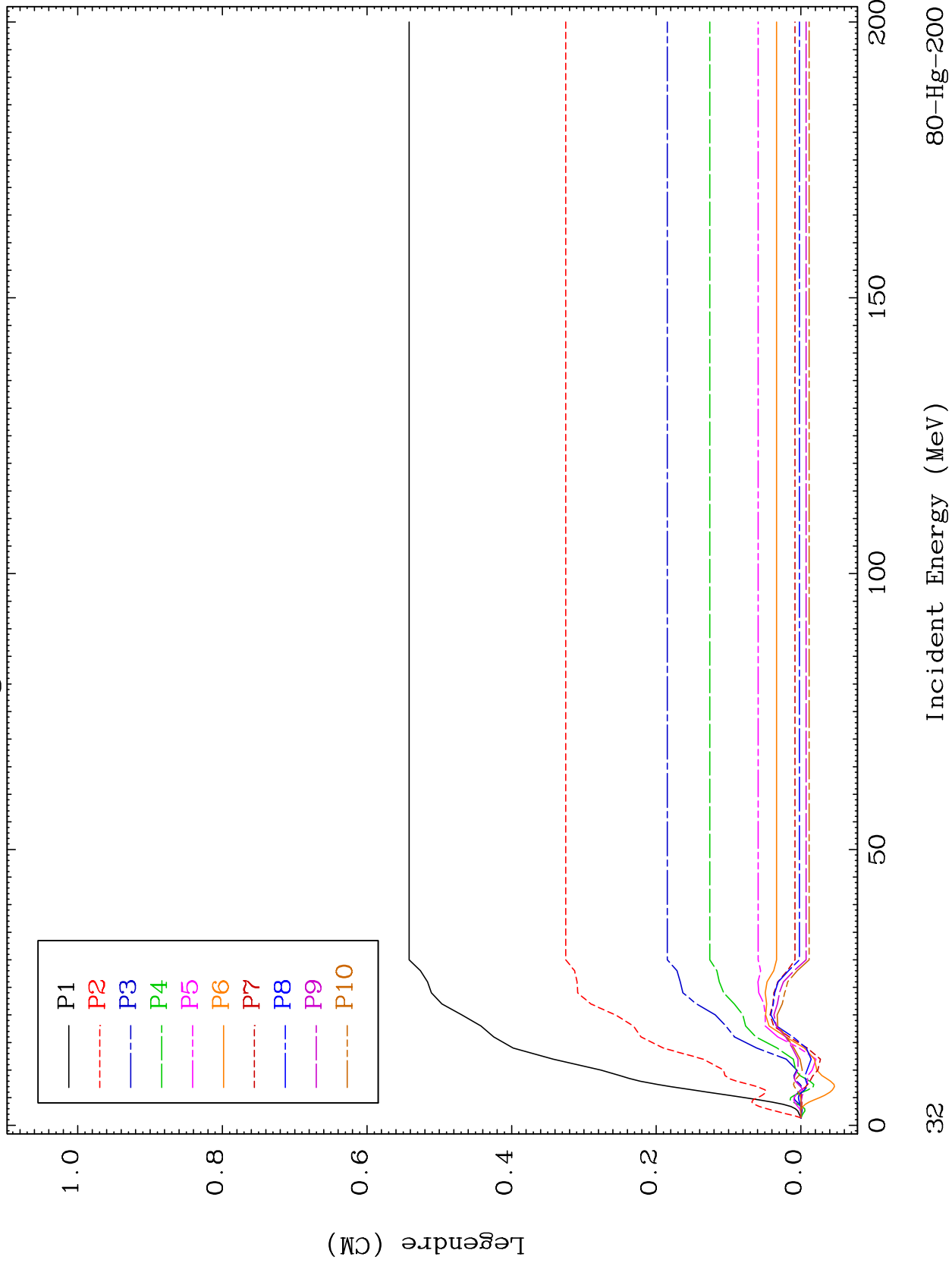
30



MAT 8037

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

80-Hg-200

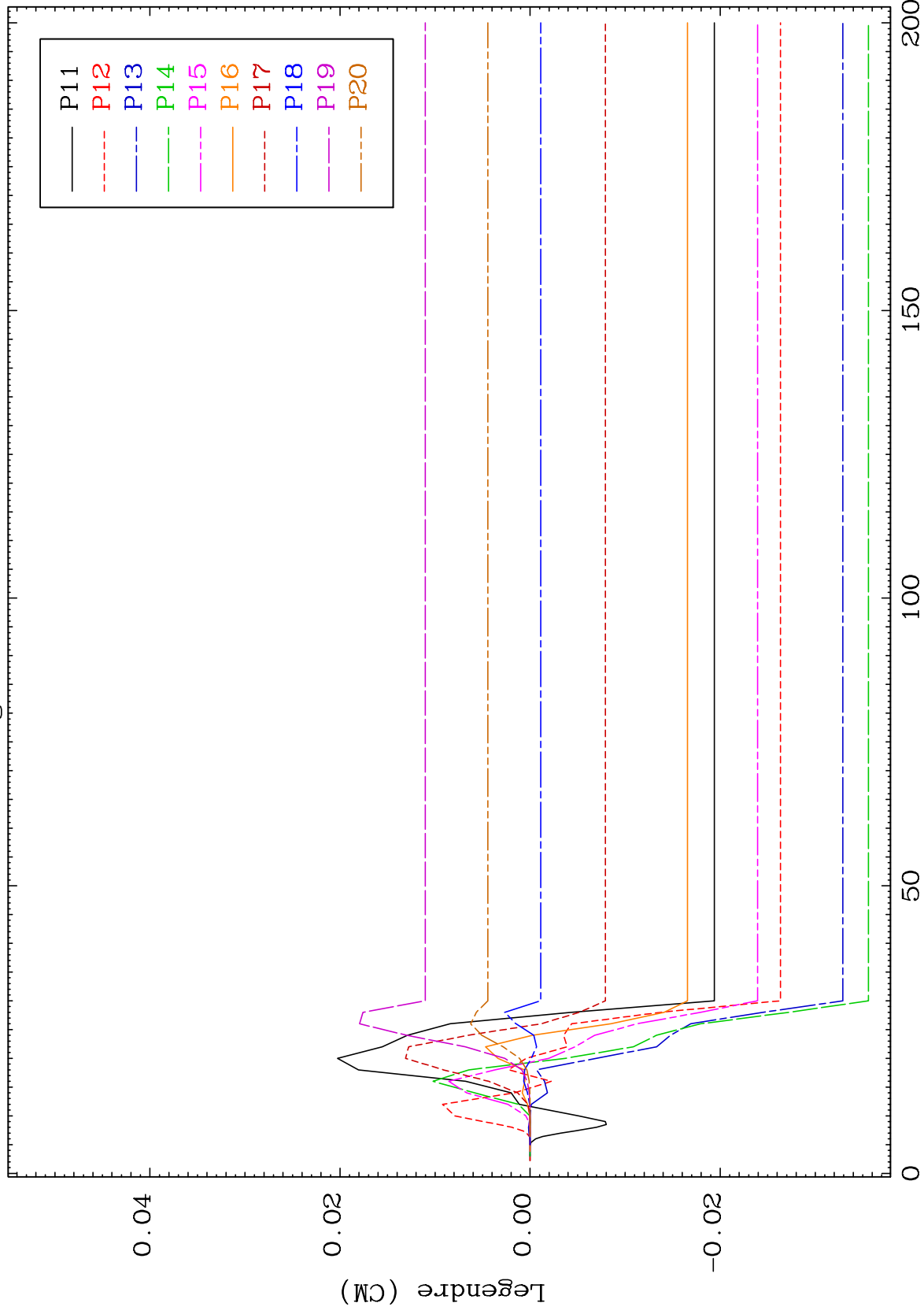


32

MAT 8037

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

80-Hg-200



33

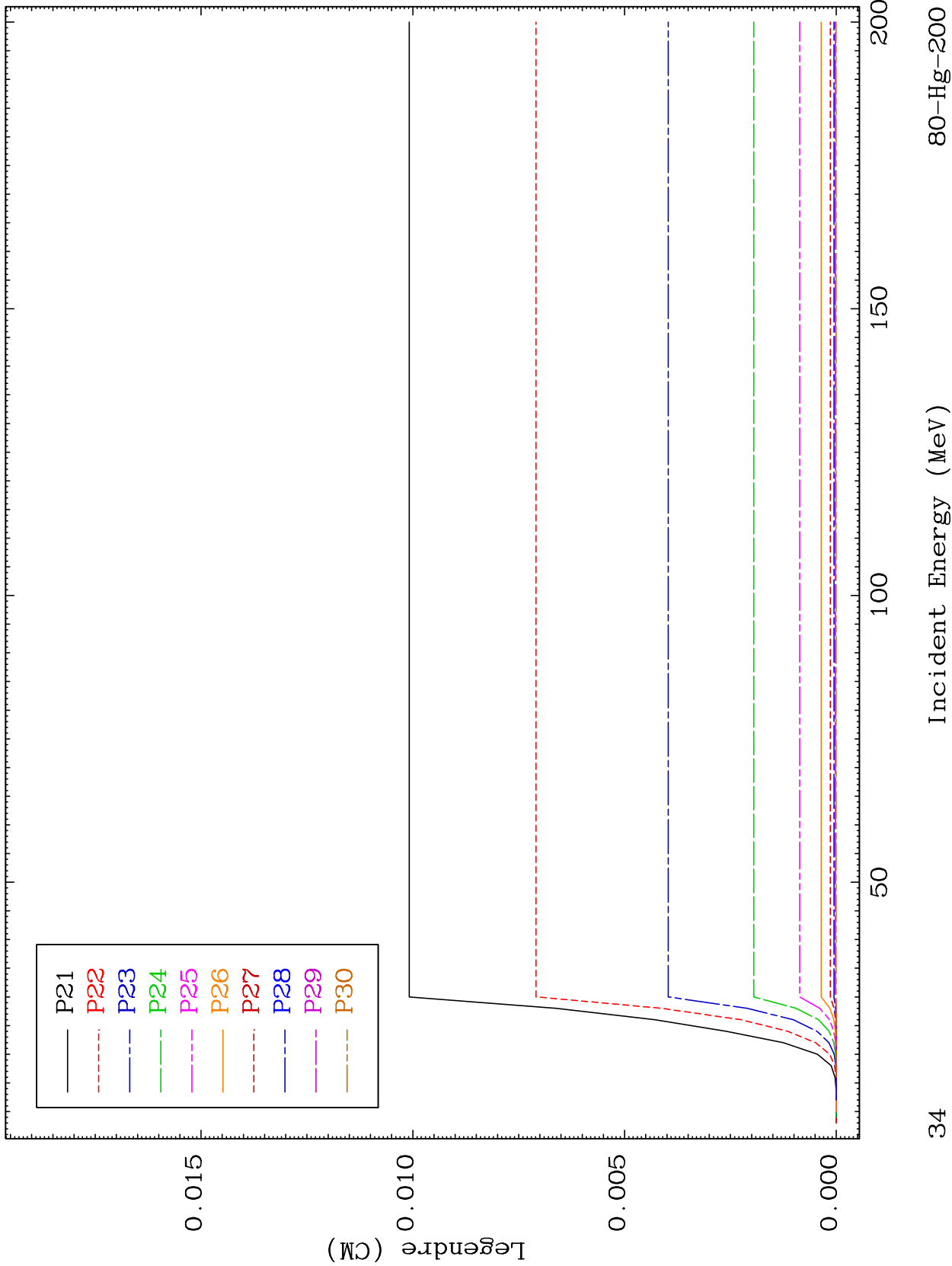
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

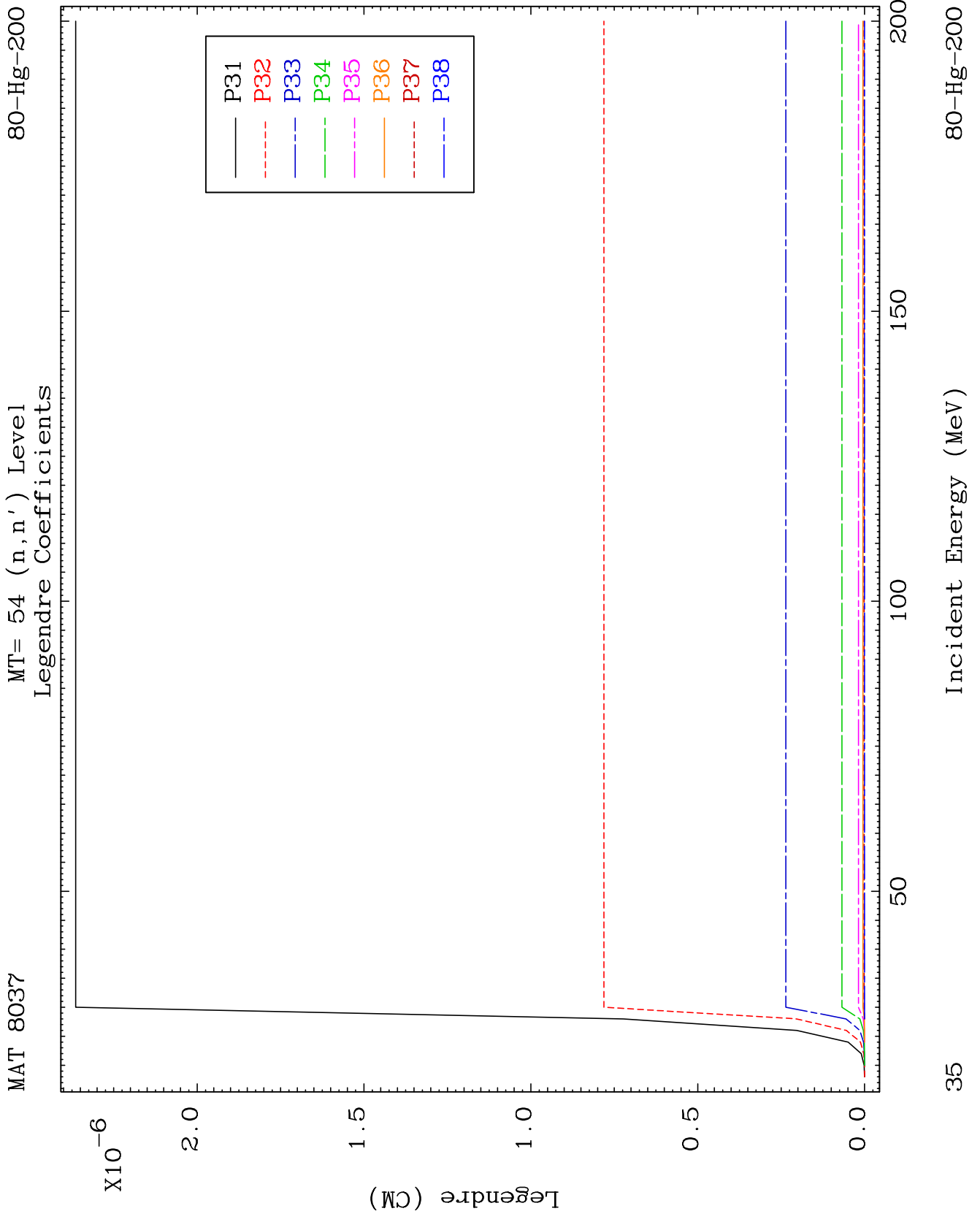
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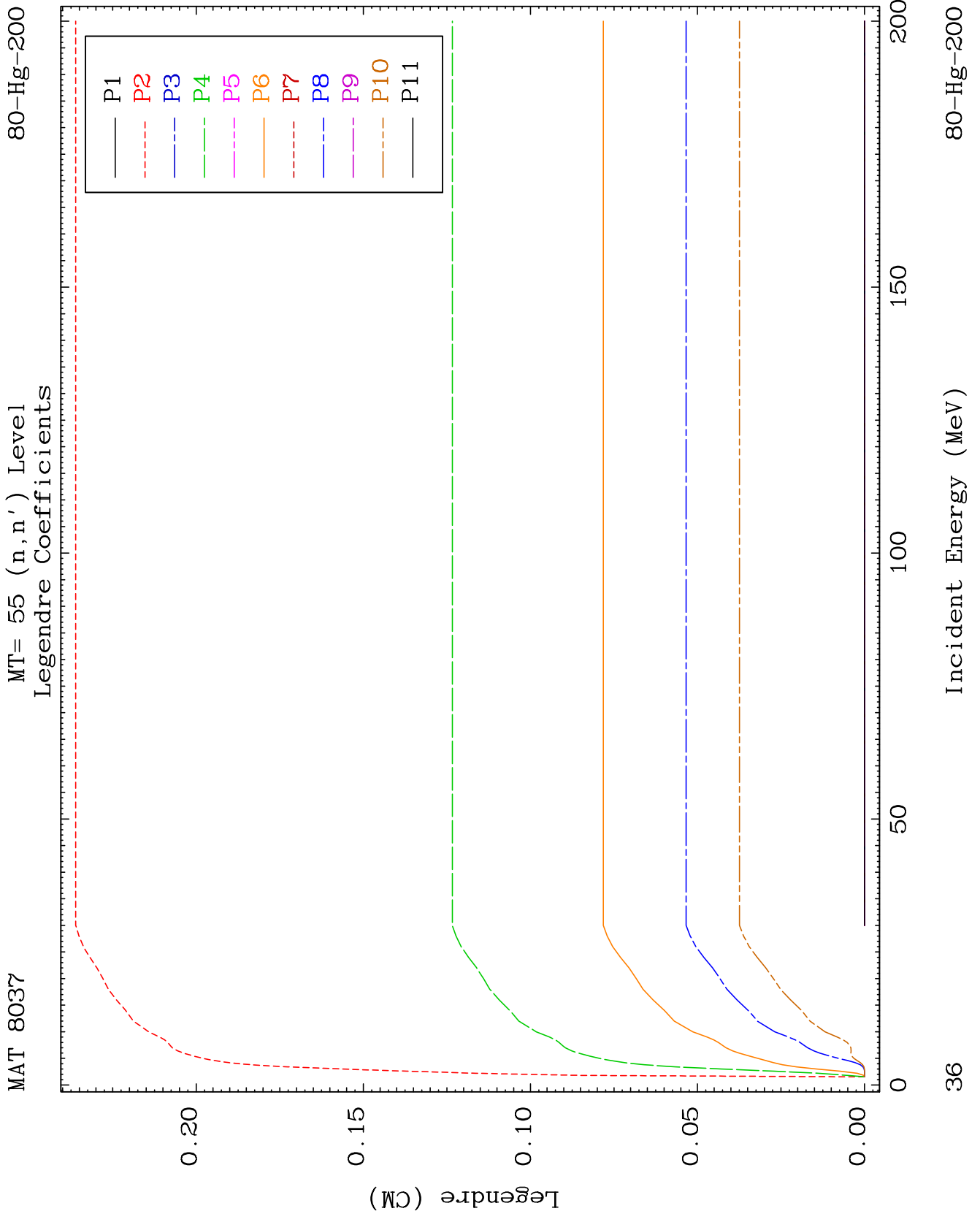


34

Incident Energy (MeV)

80-Hg-200

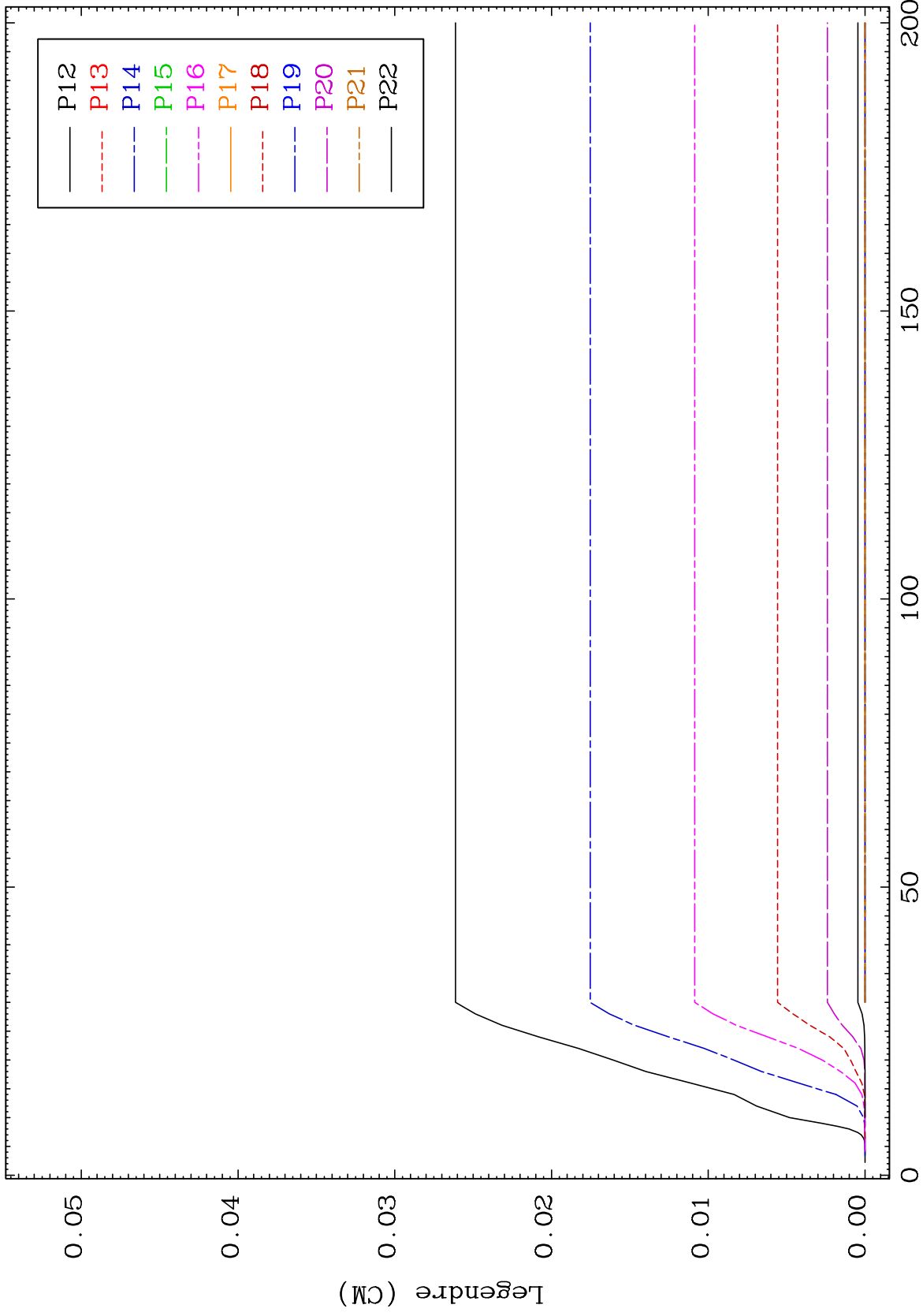




MAT 8037

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

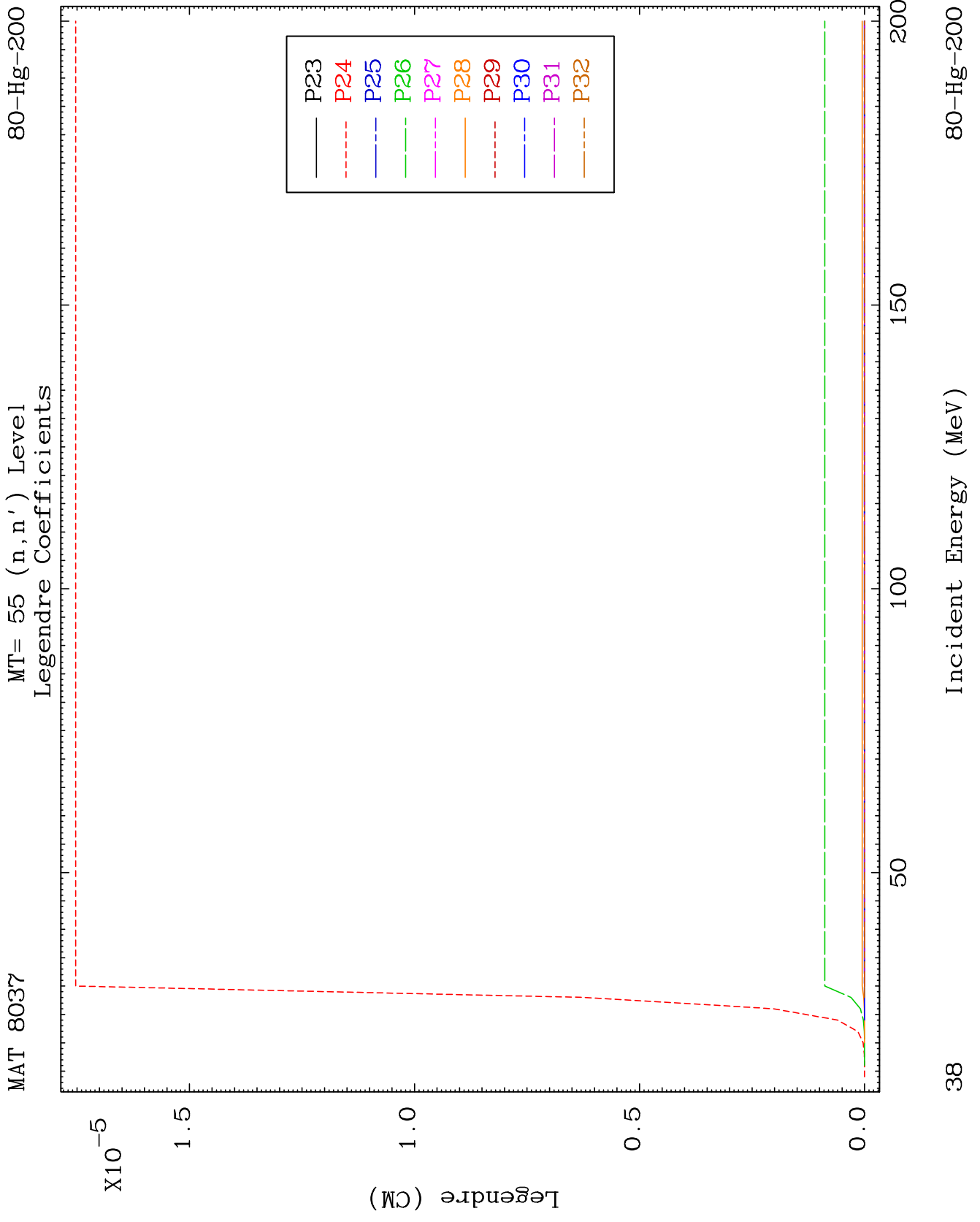
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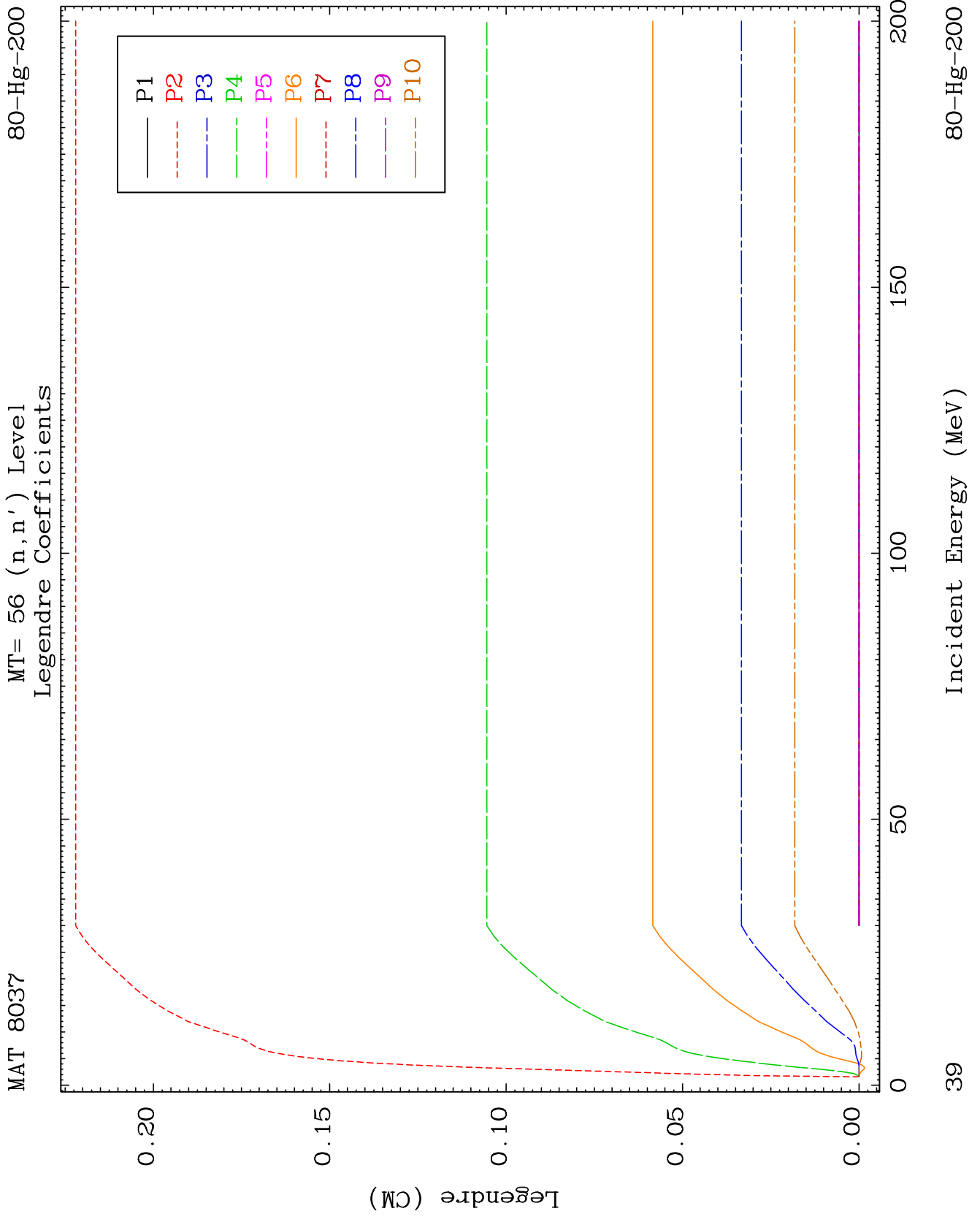


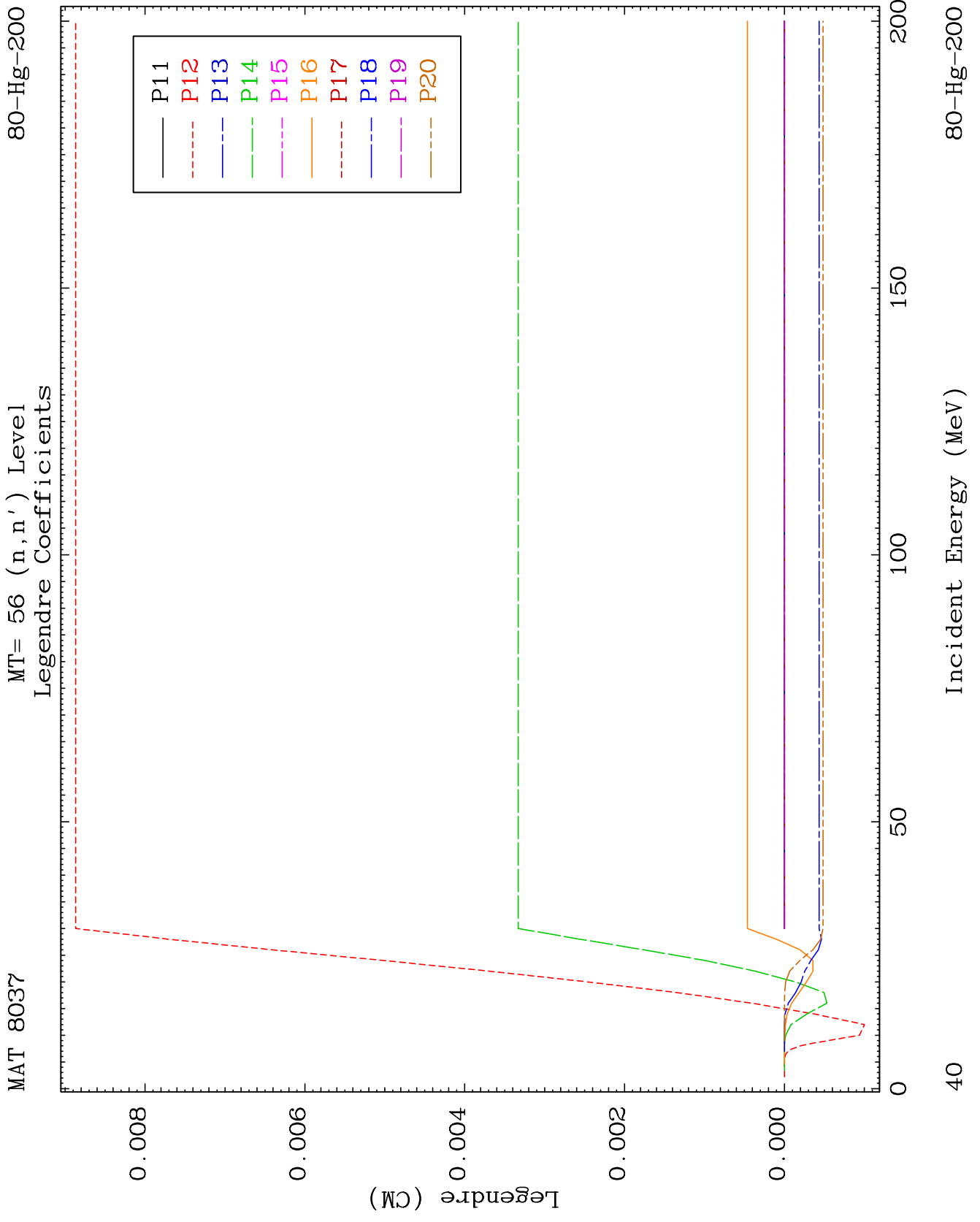
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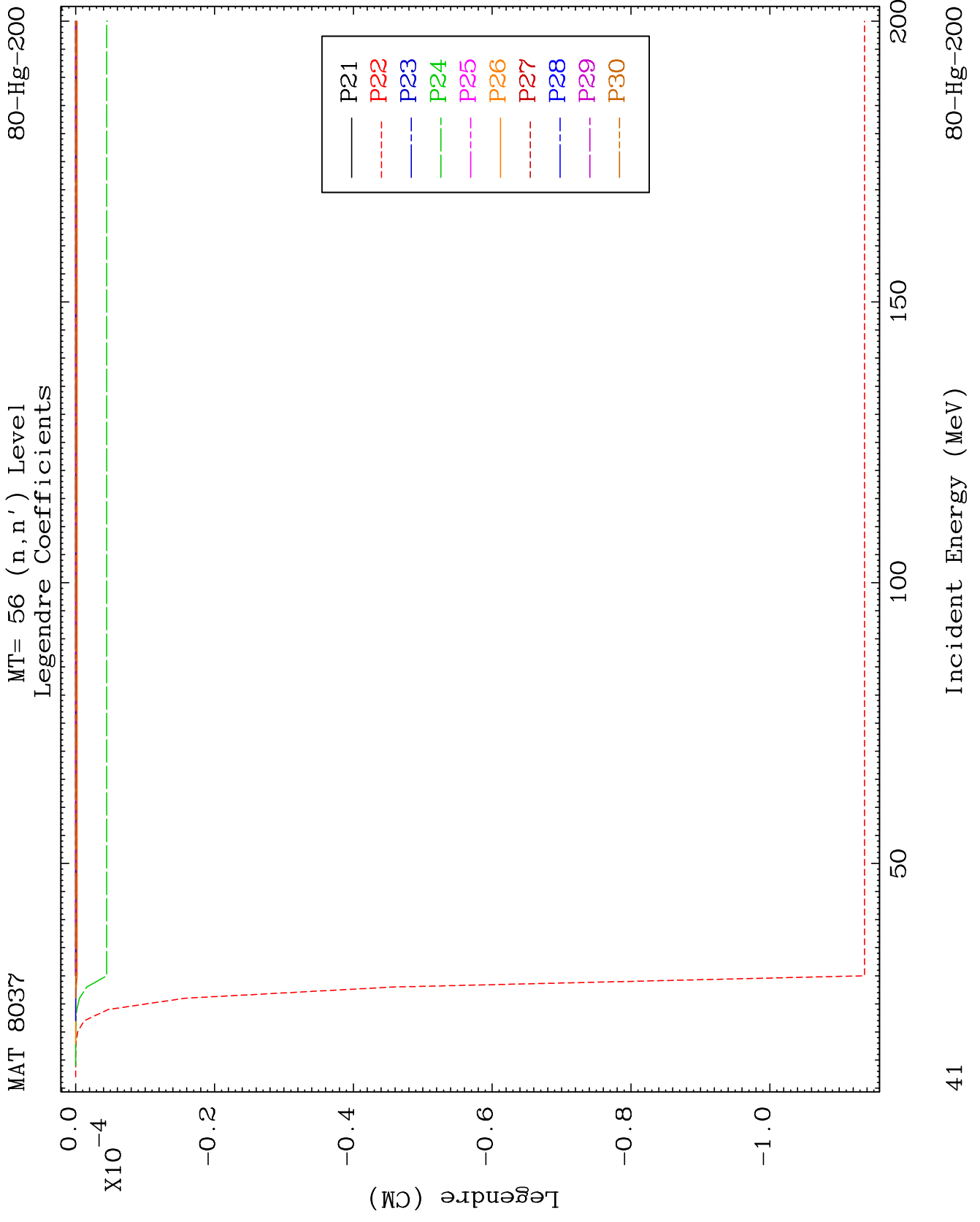
Incident Energy (MeV)

80-Hg-200





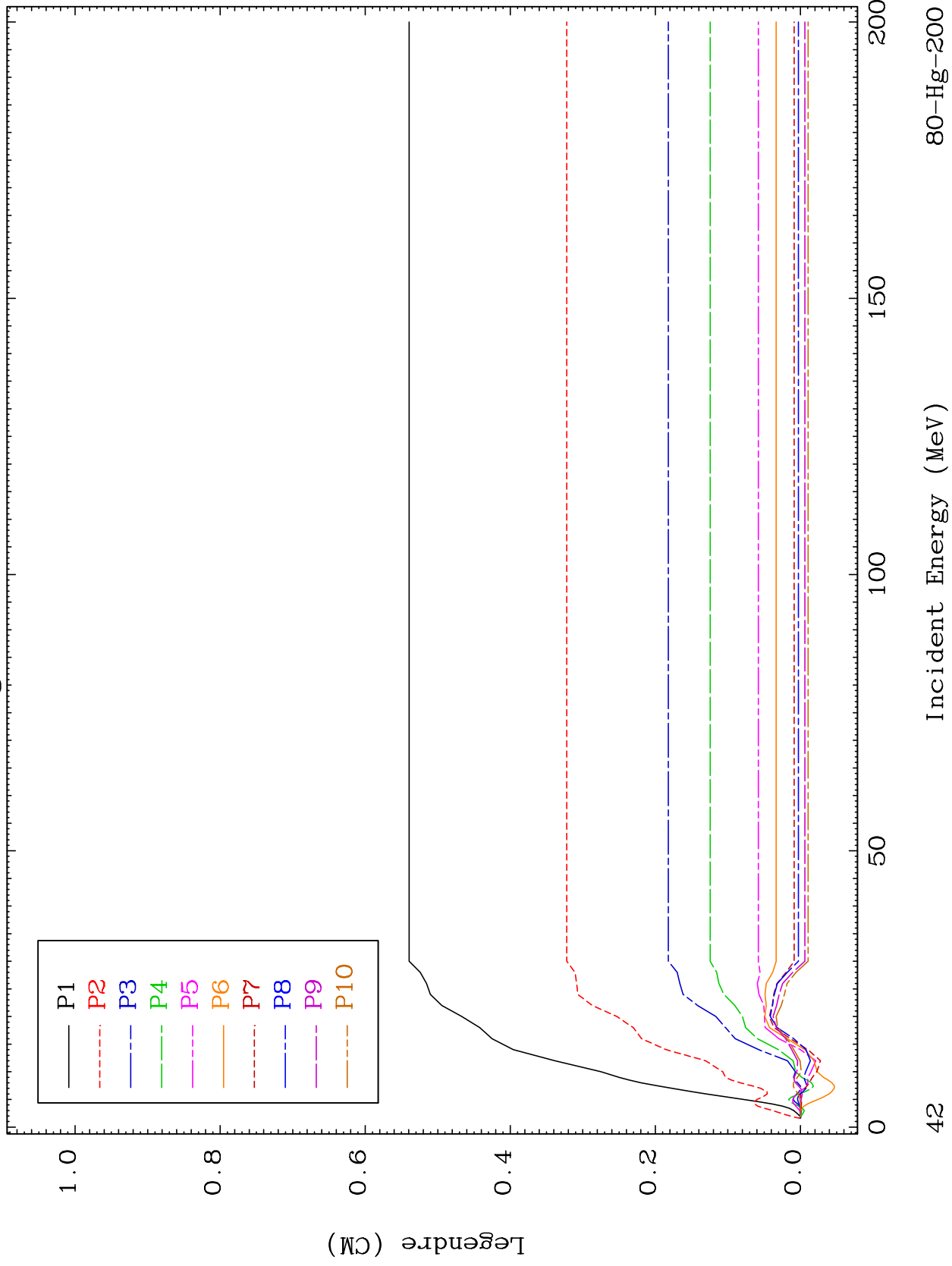




MAT 8037

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

80-Hg-200

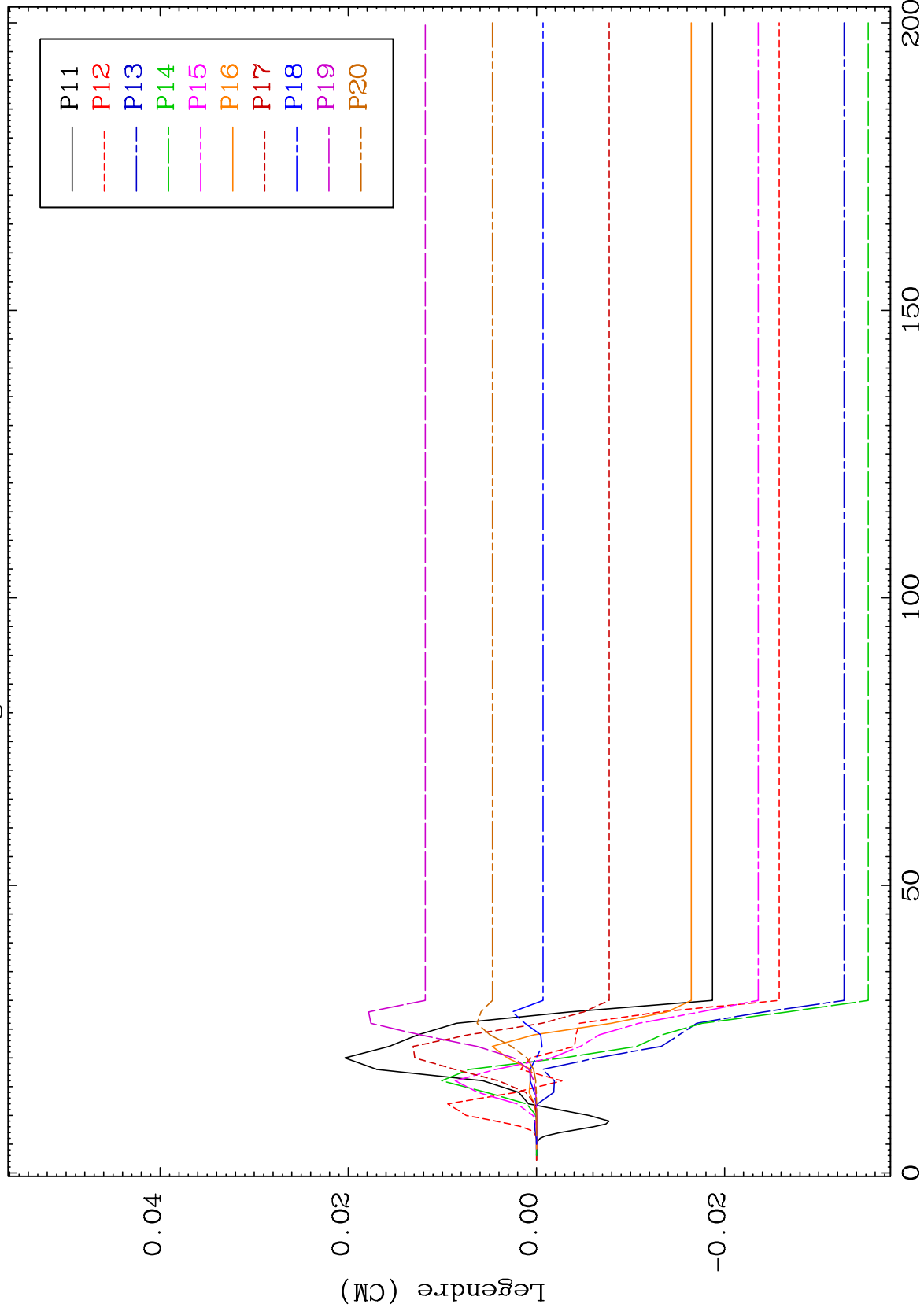


42

MAT 8037

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

80-Hg-200



43

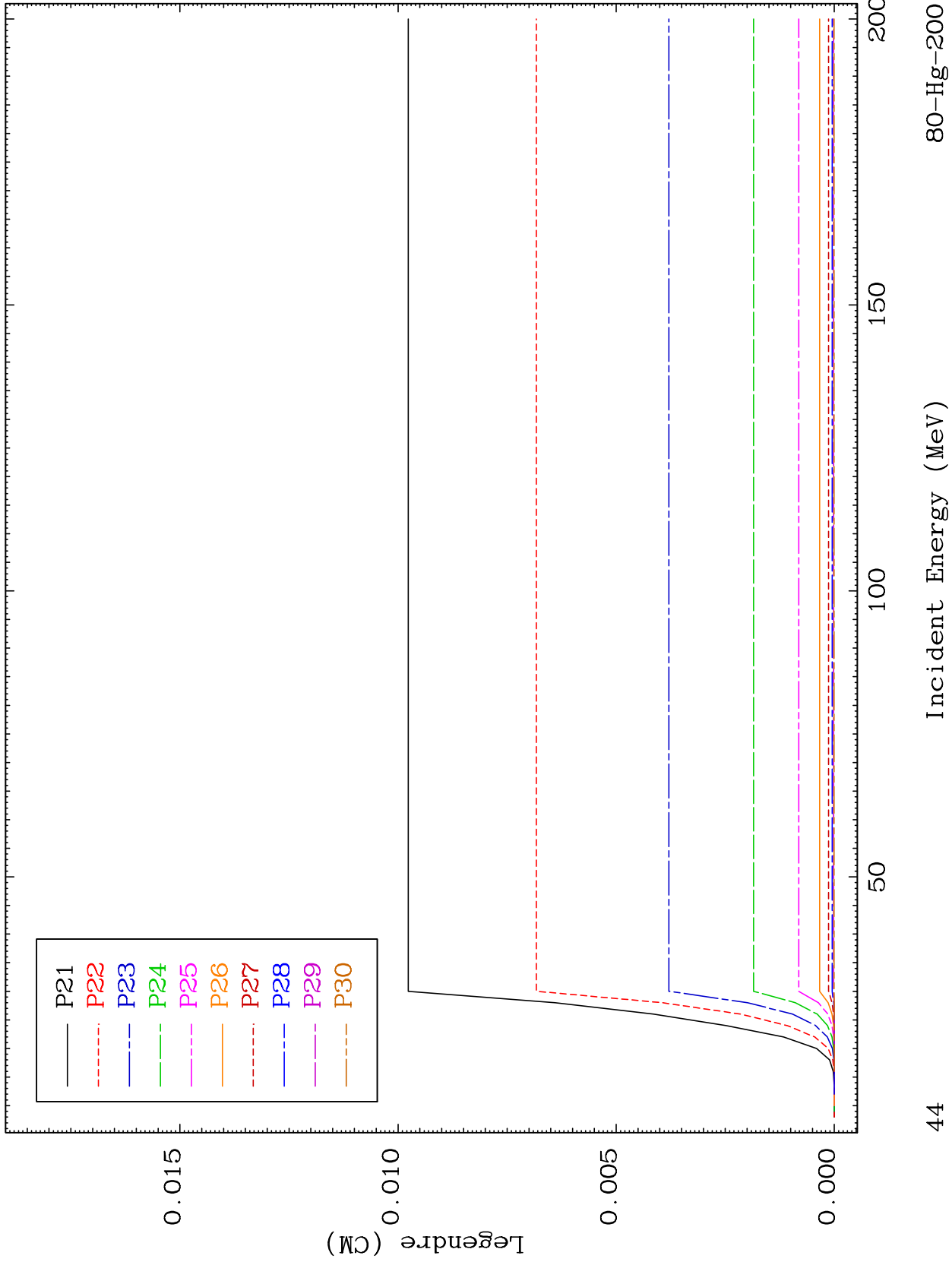
Incident Energy (MeV)

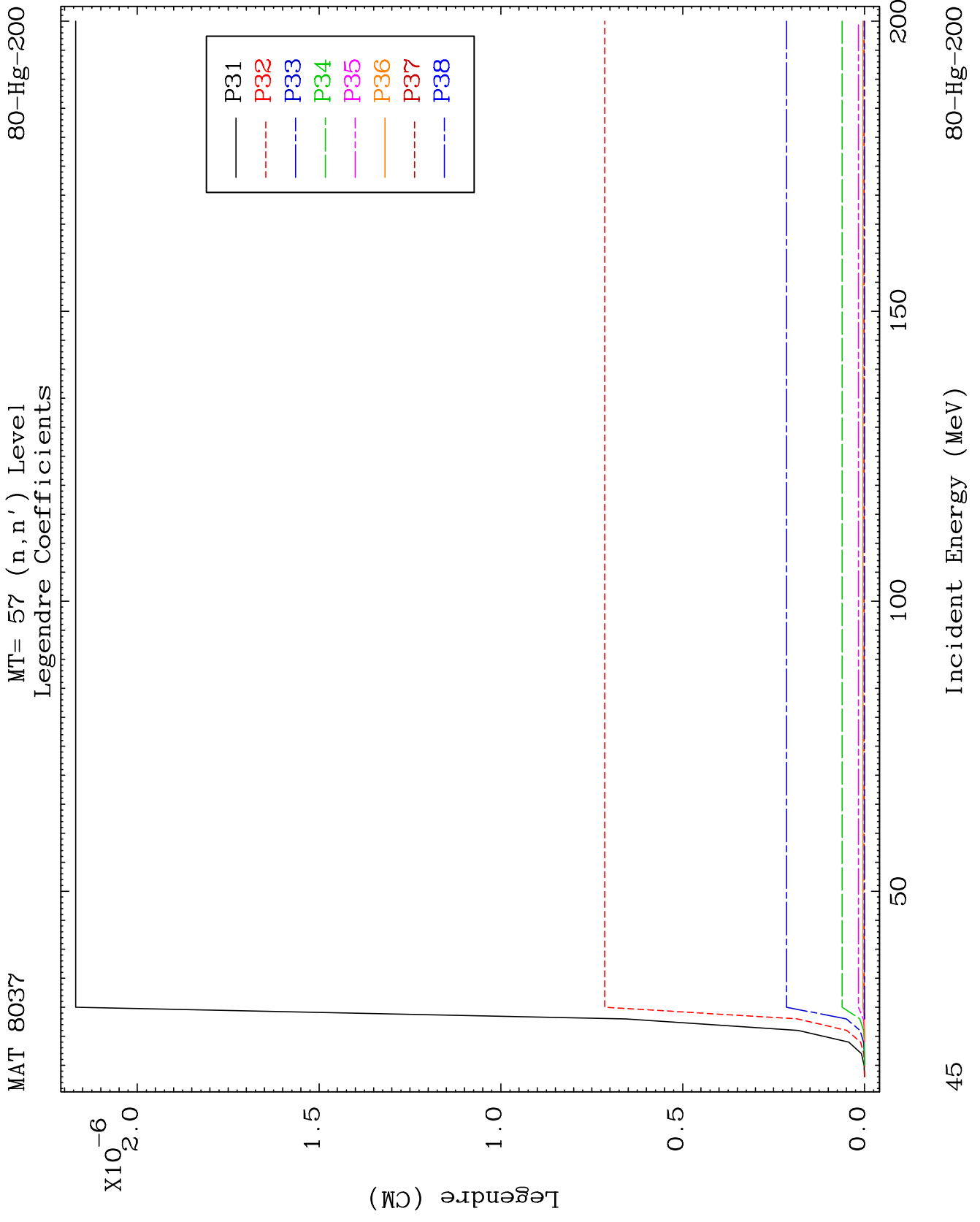
80-Hg-200

MAT 8037

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

80-Hg-200

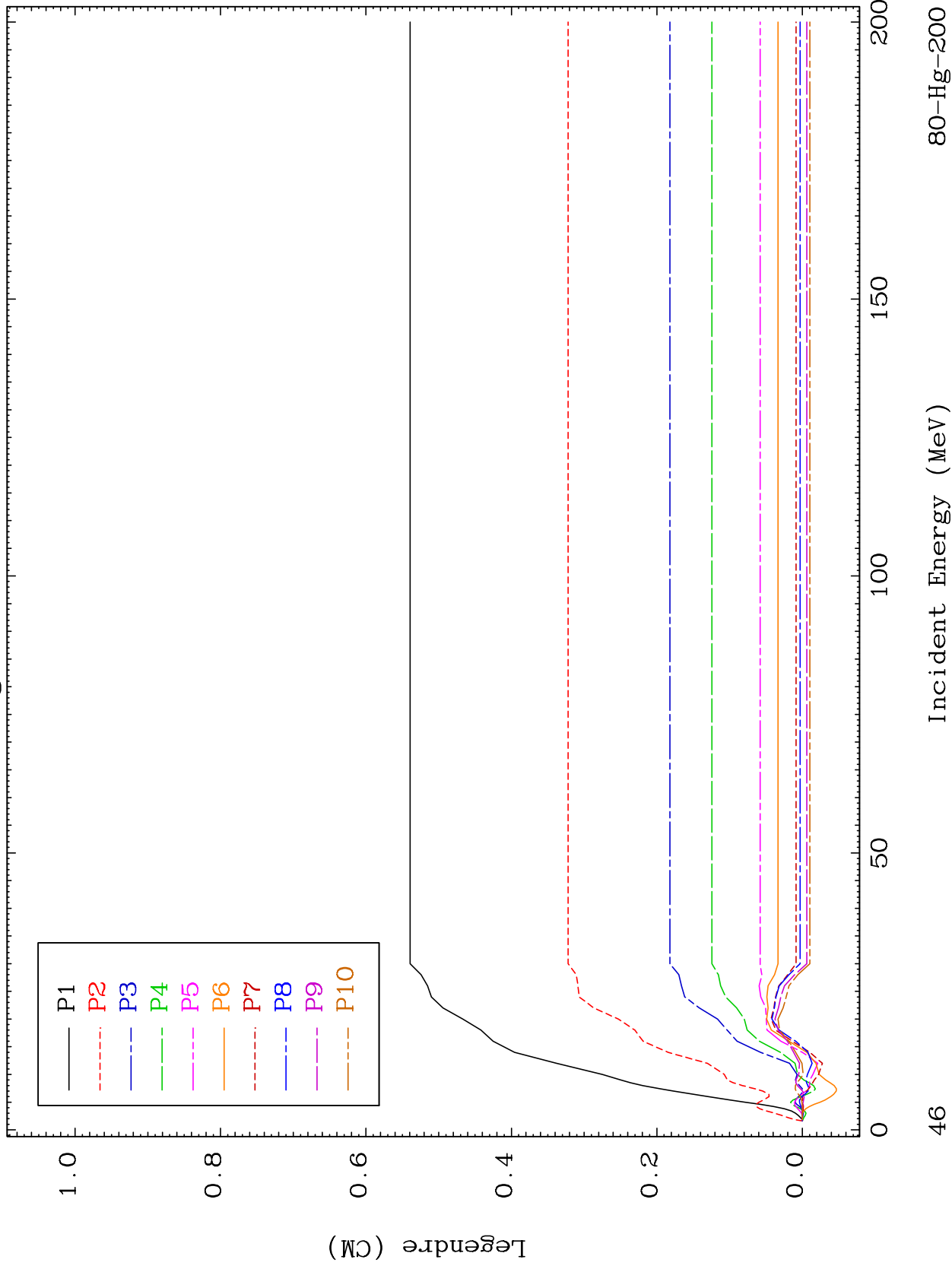




MAT 8037

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

80-Hg-200



46

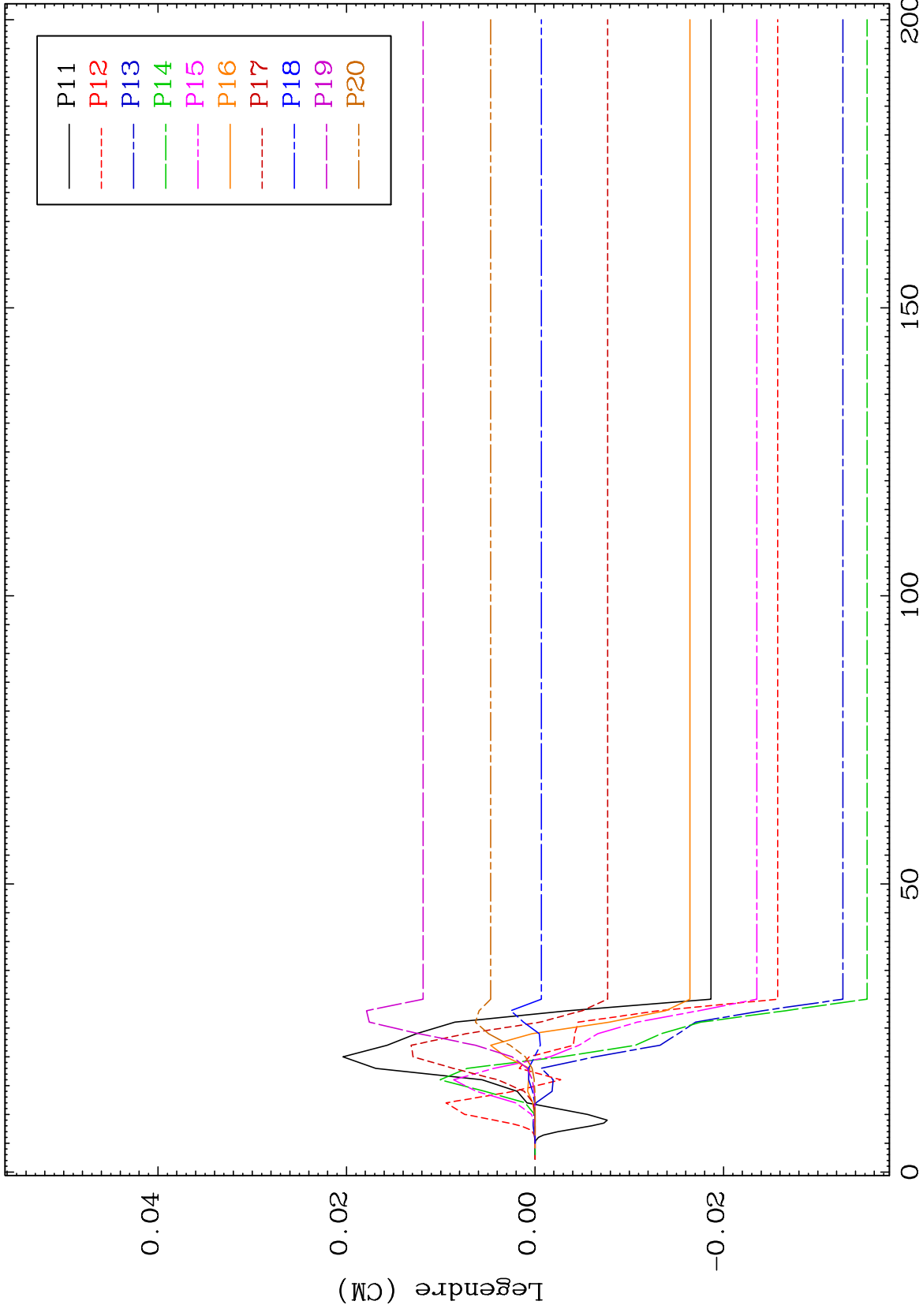
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



47

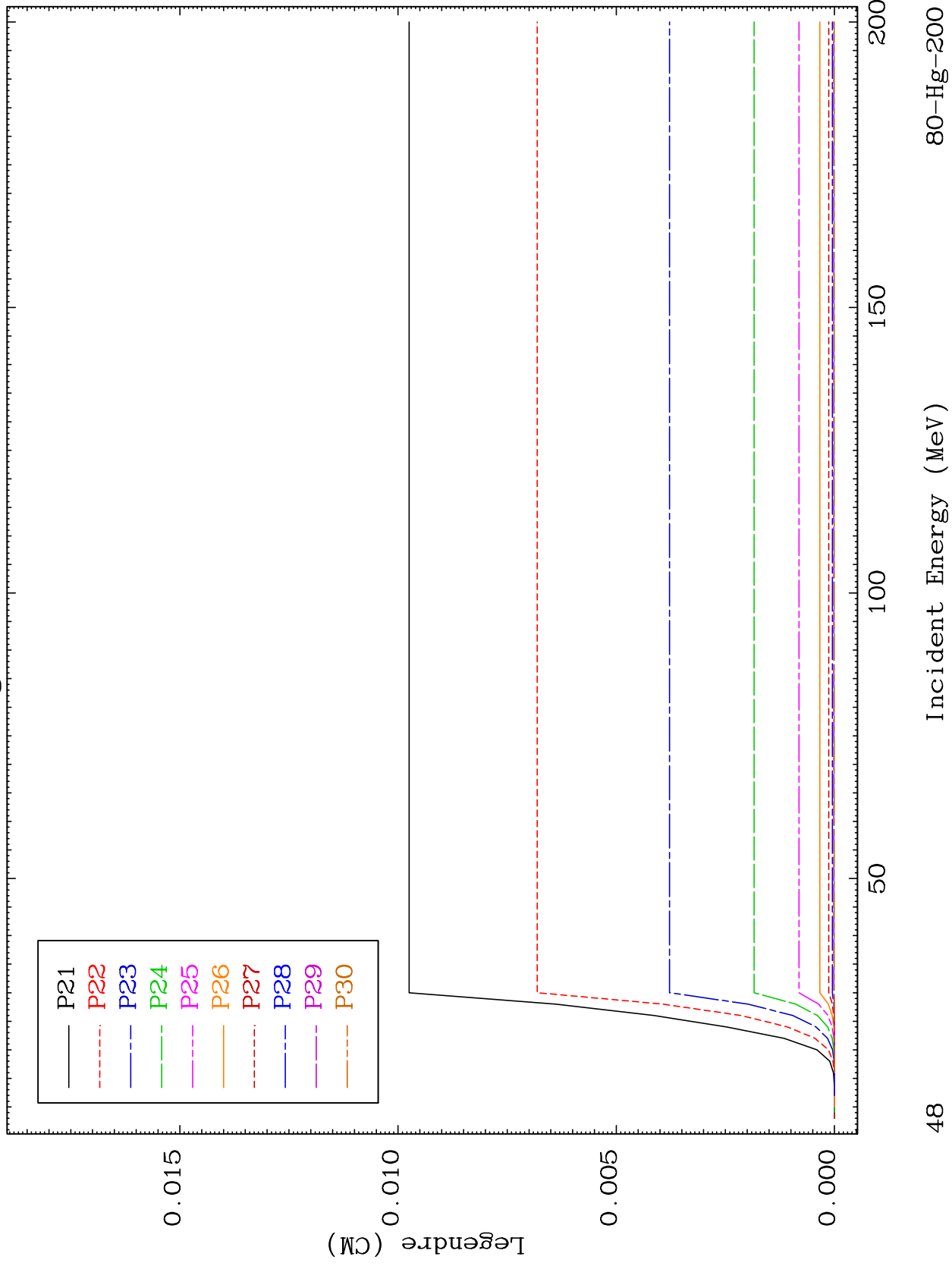
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



48

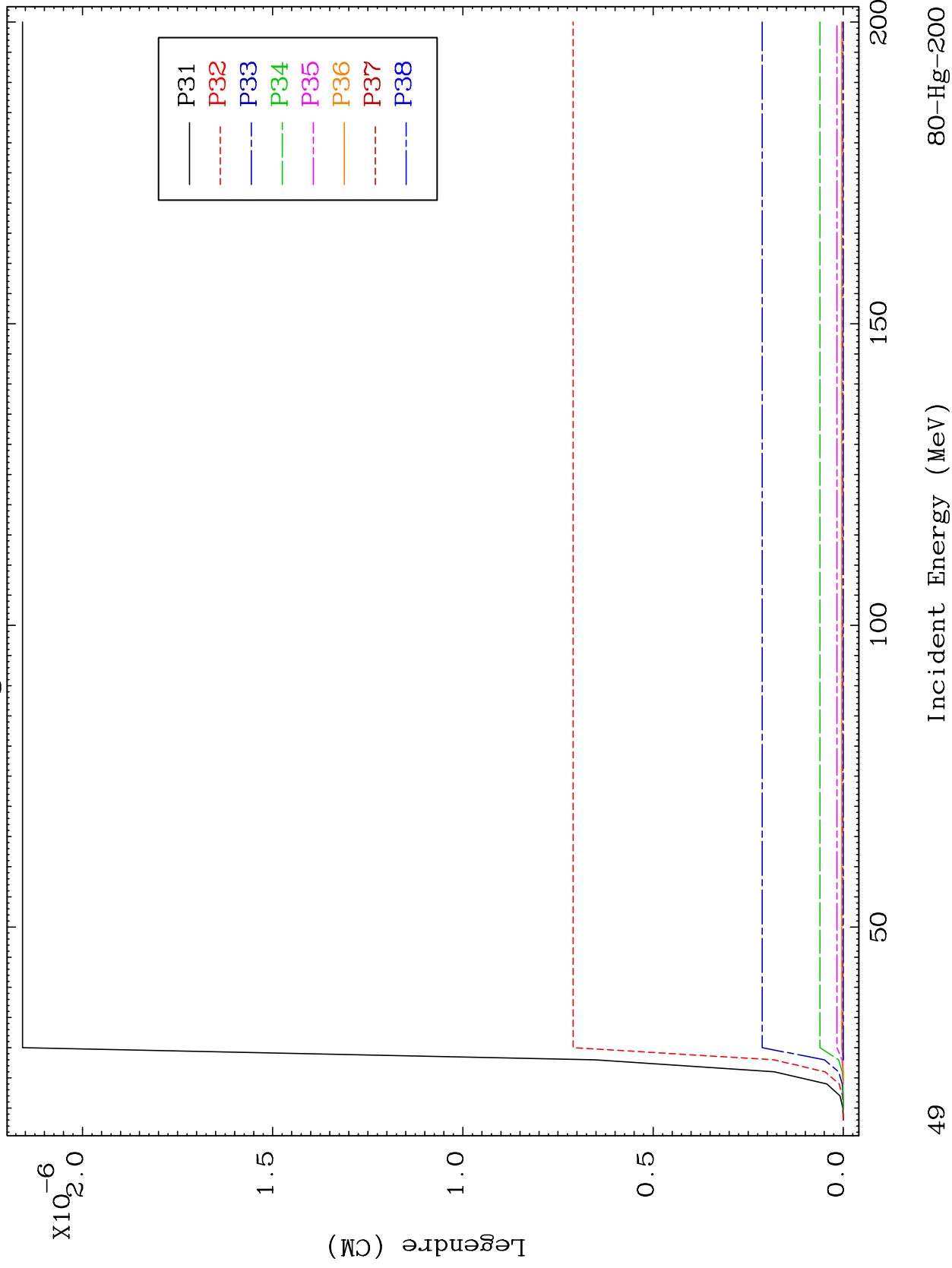
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

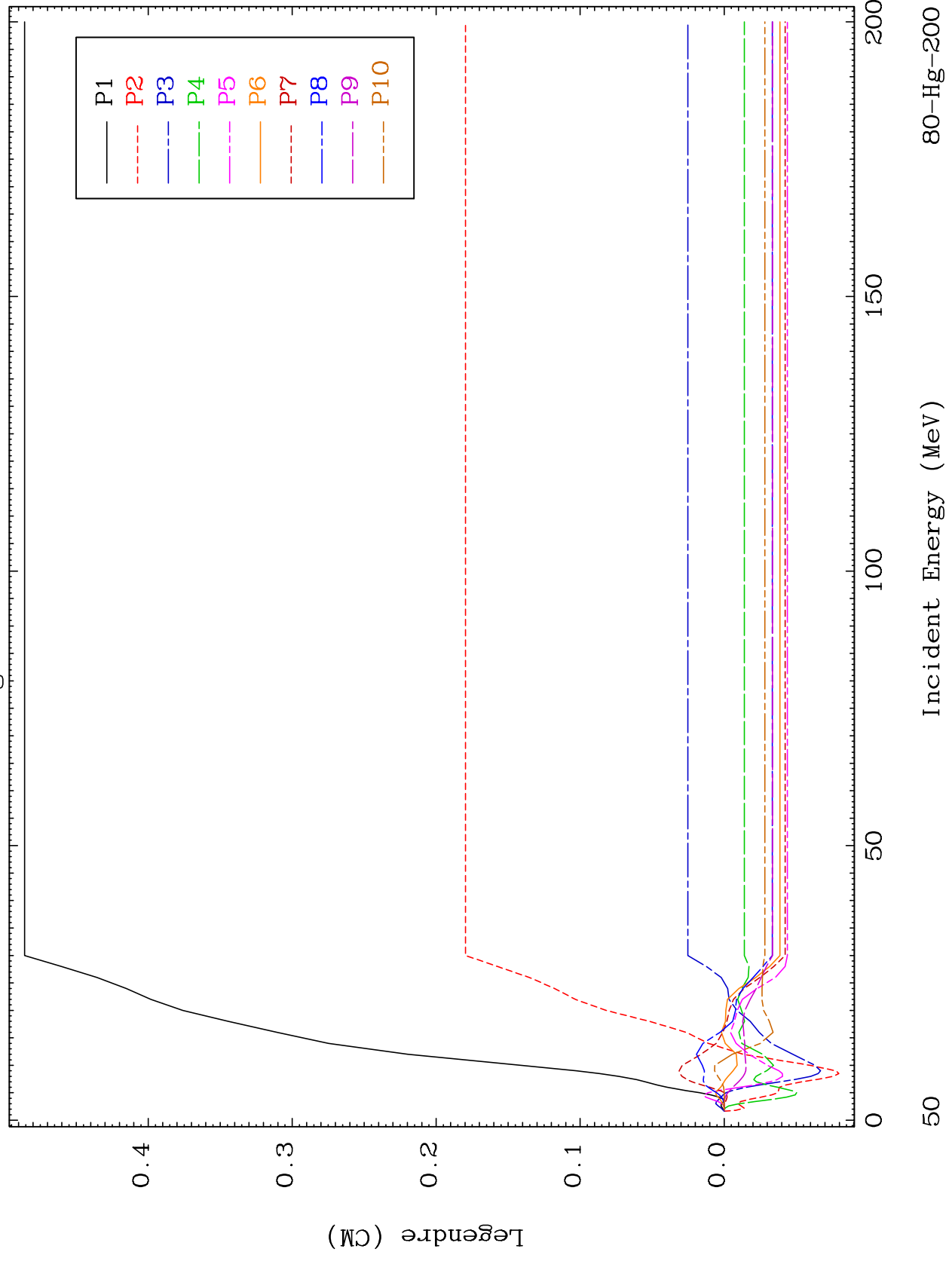
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MAT 8037

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

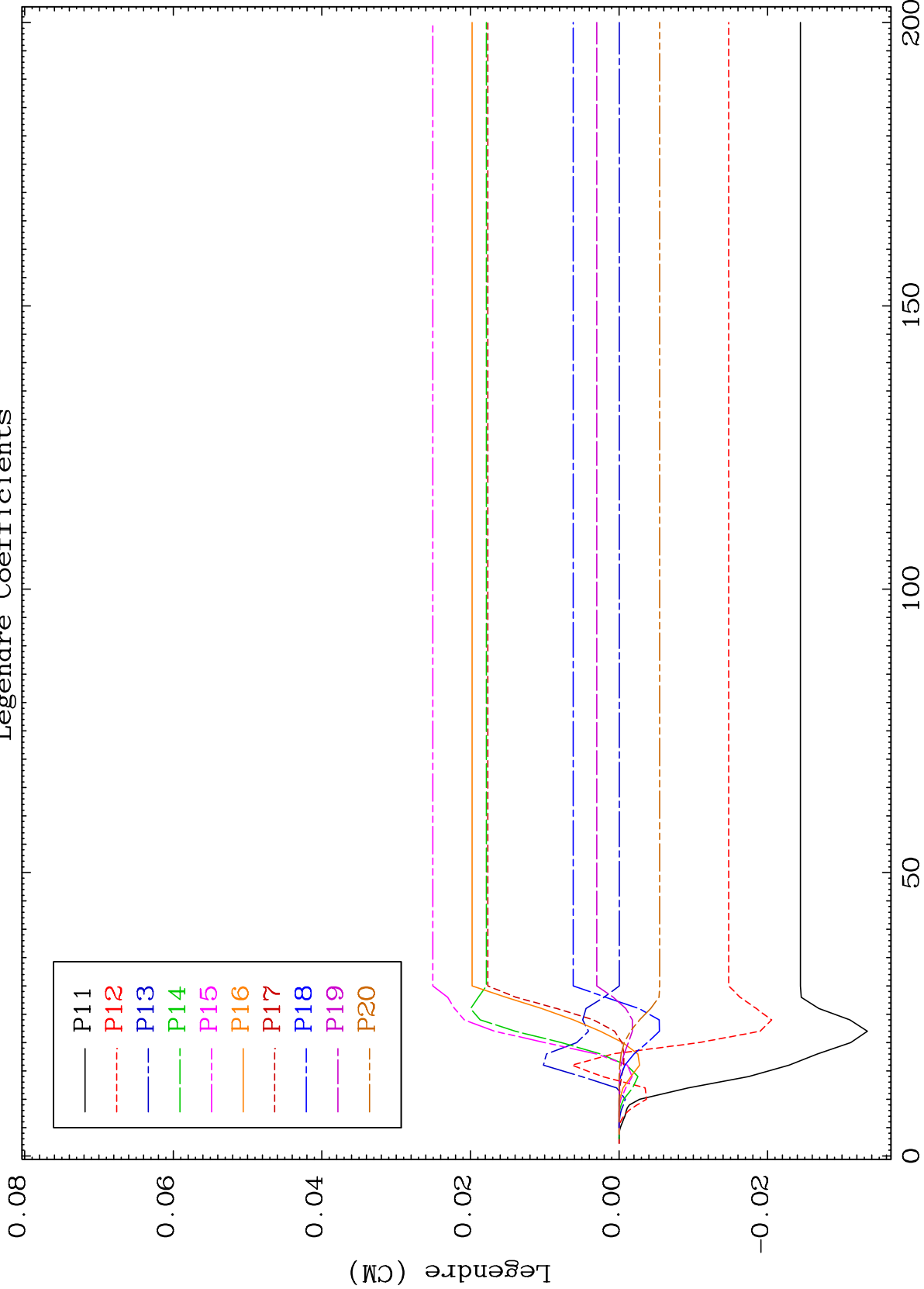
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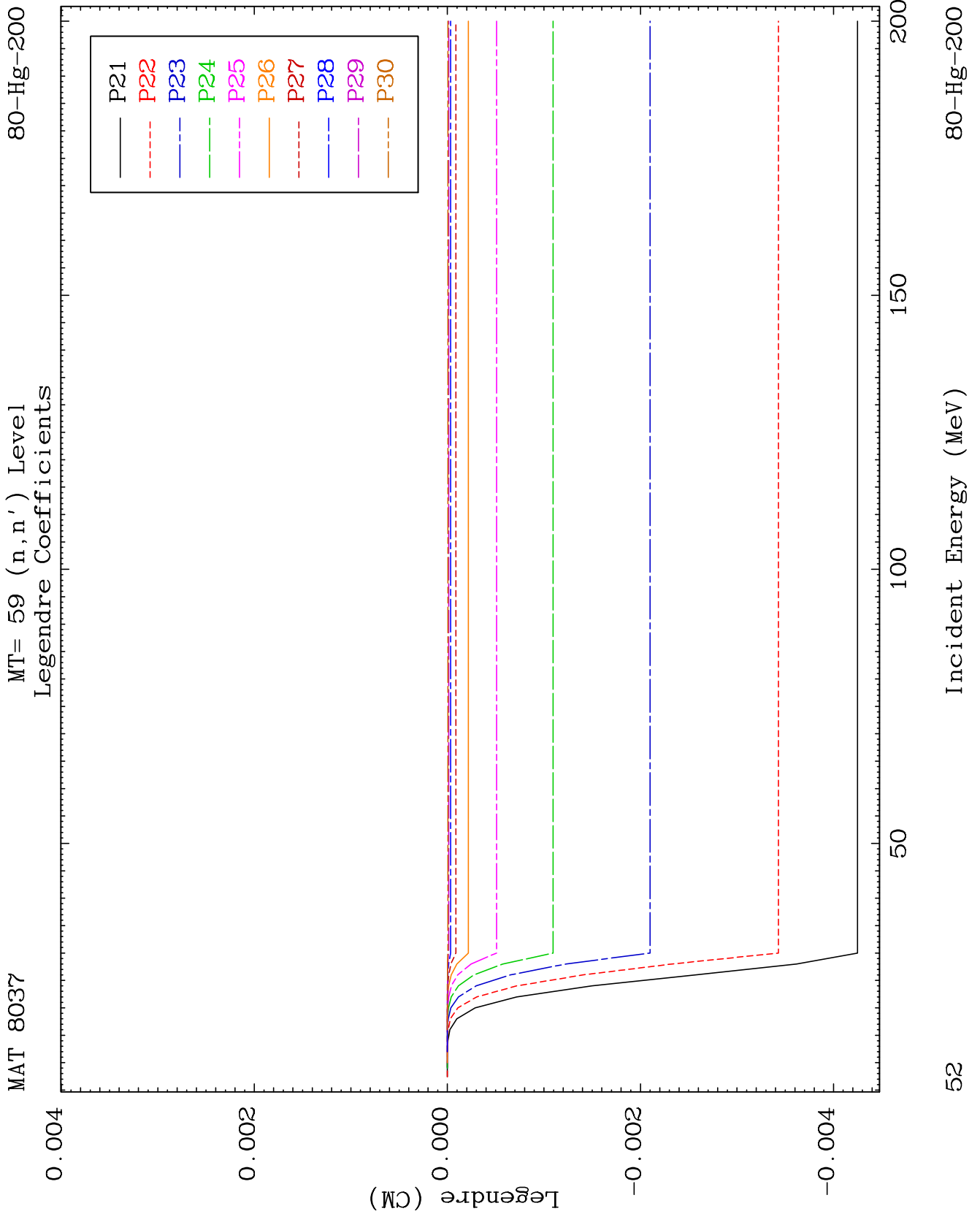


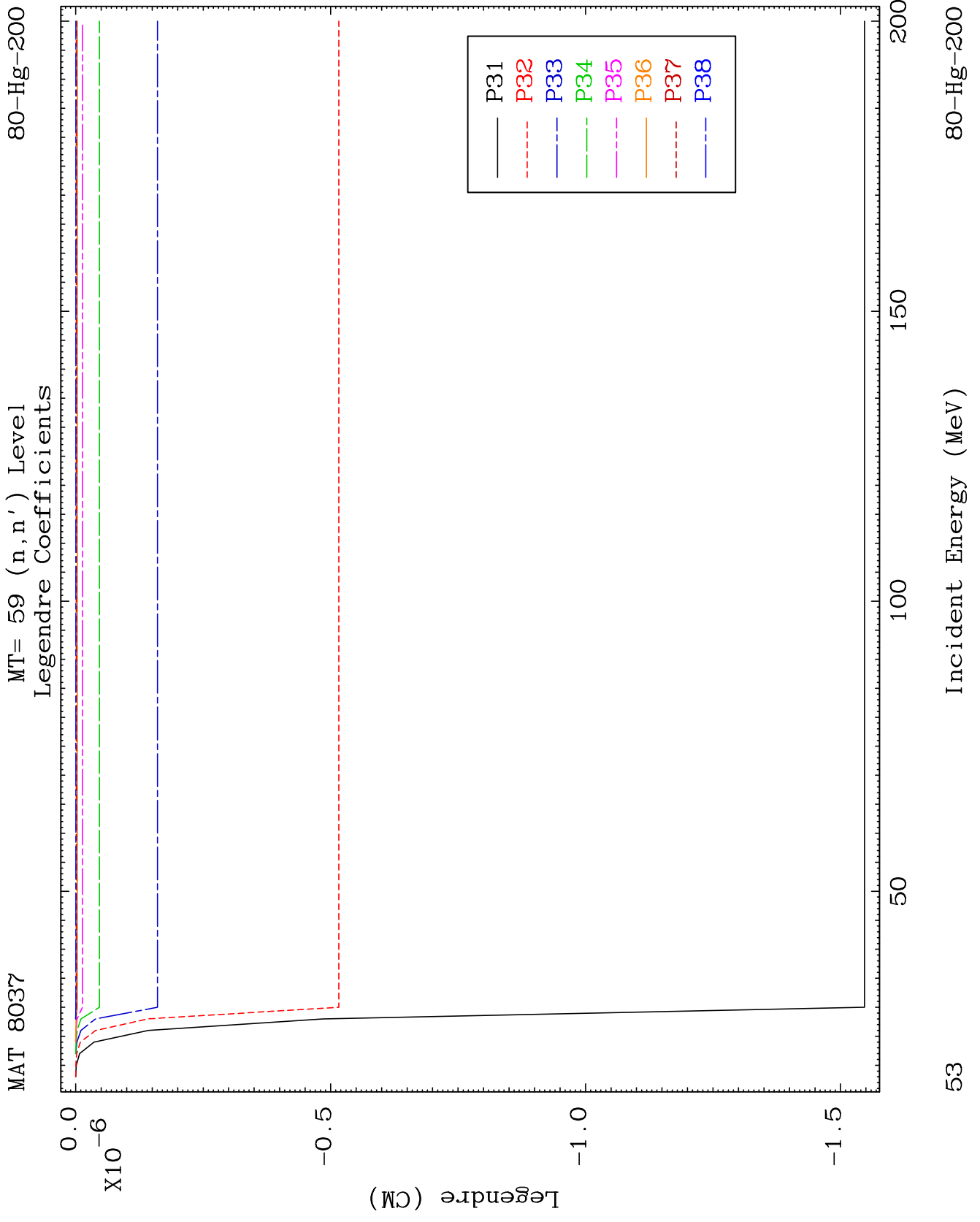
MAT 8037

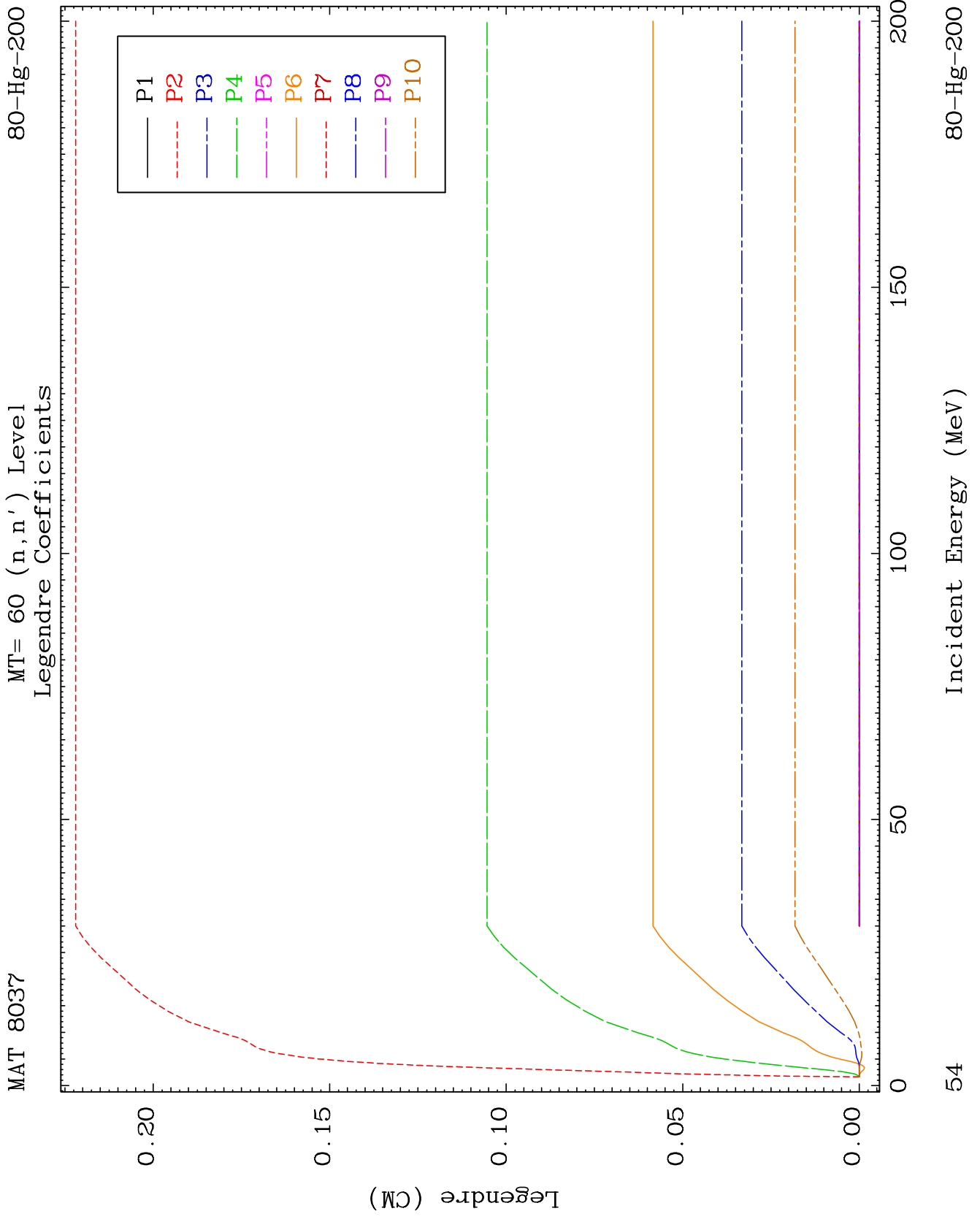
MT= 59 (n,n') Level
Legendre Coefficients

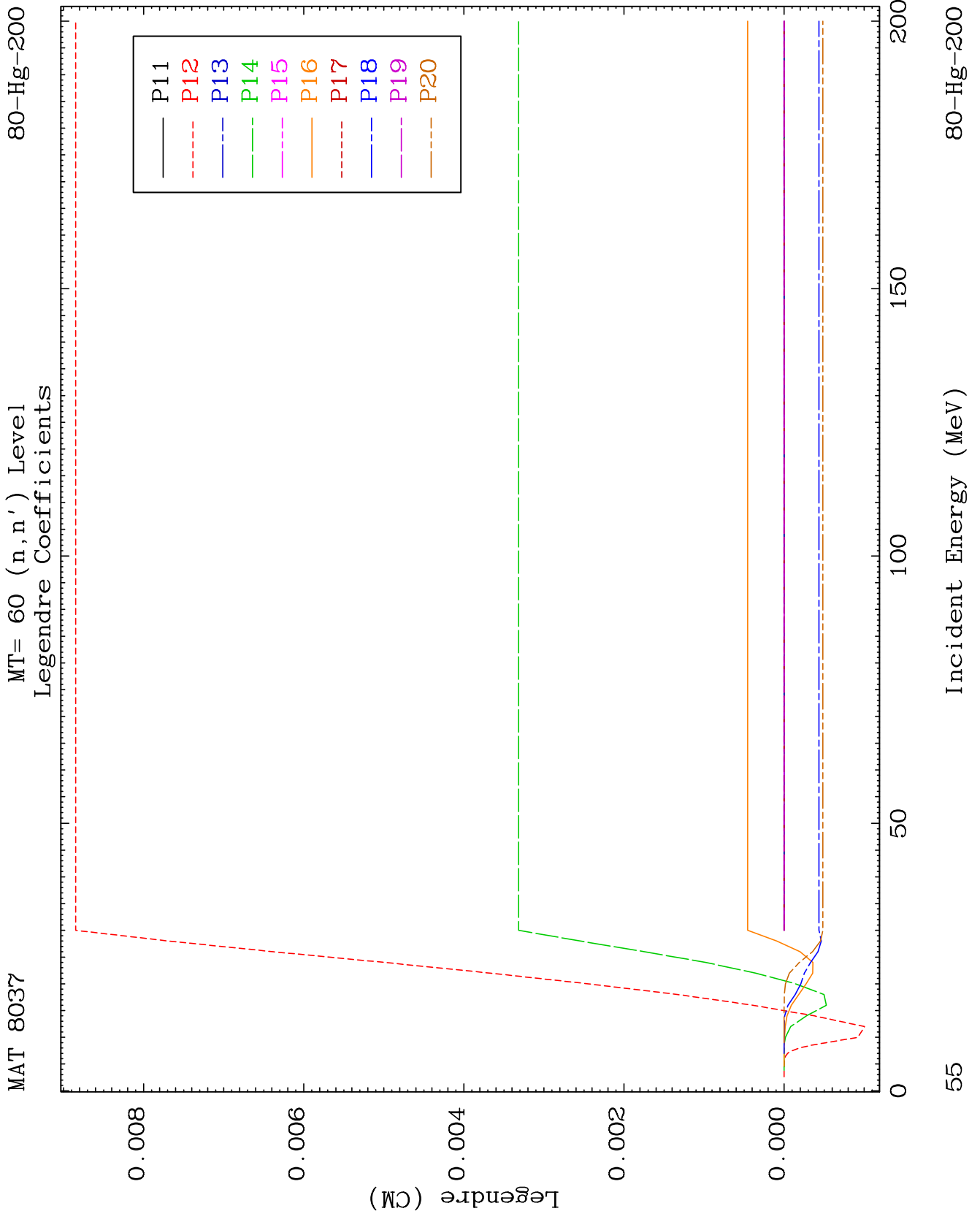
80-Hg-200

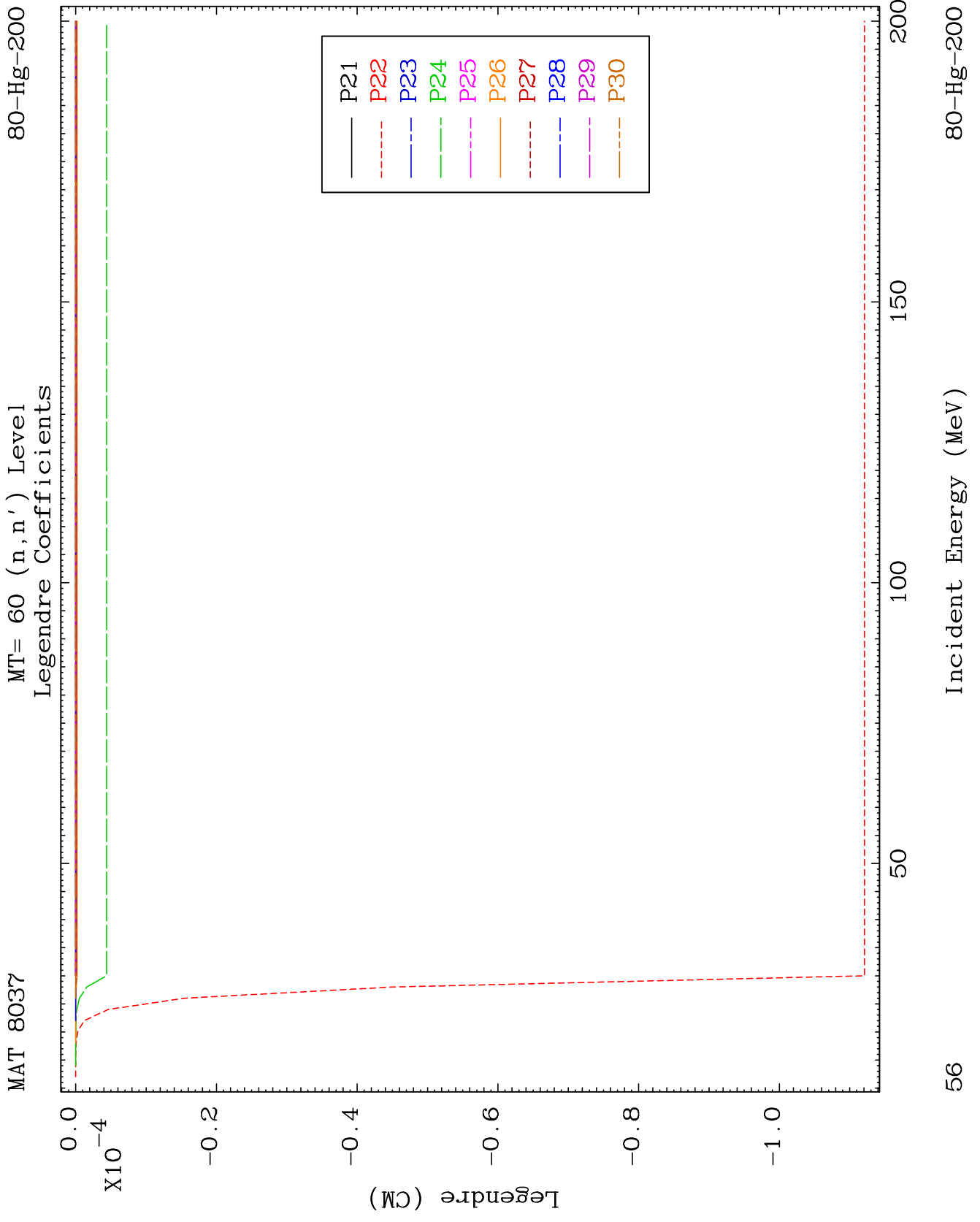








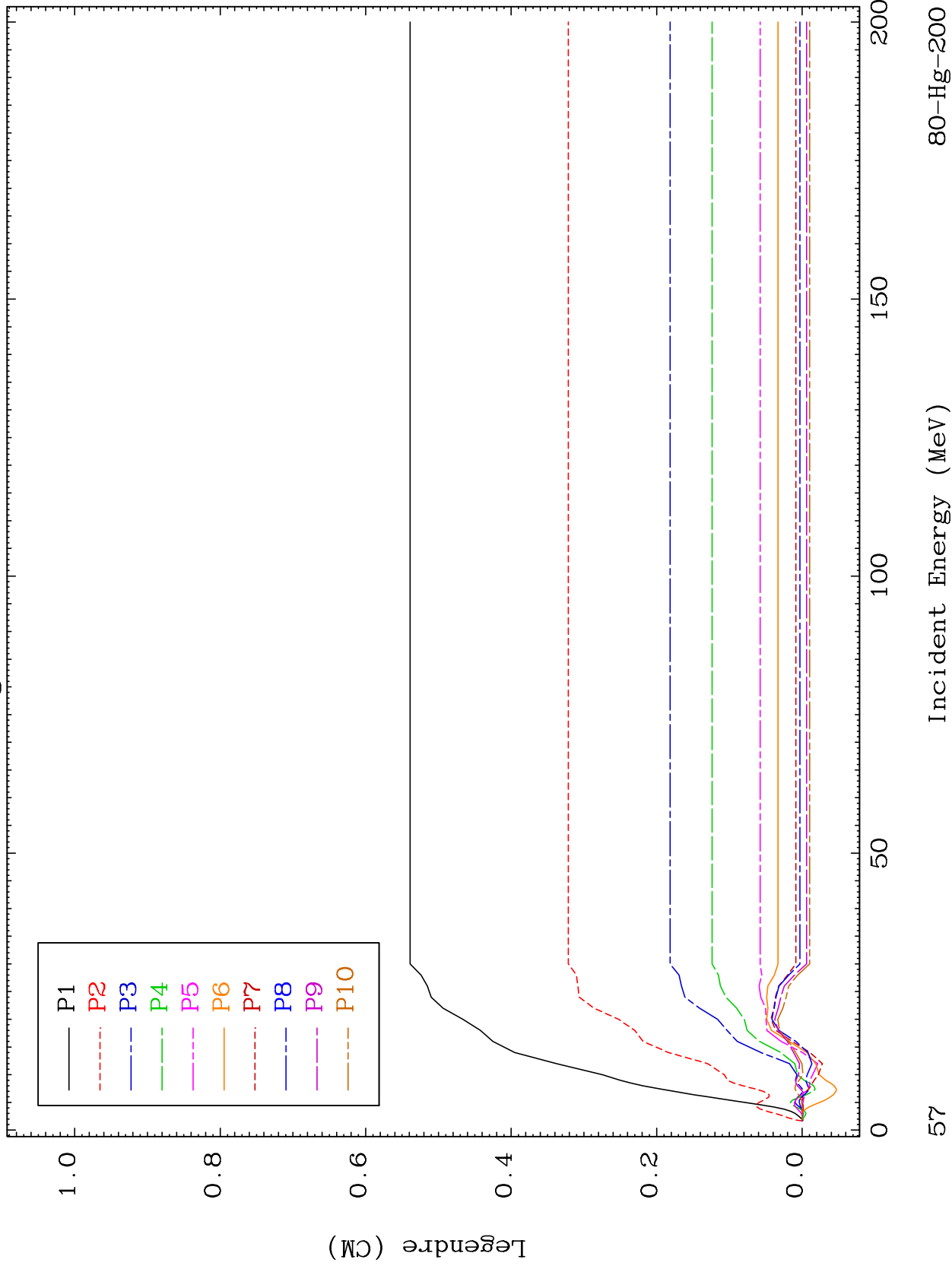




MAT 8037

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

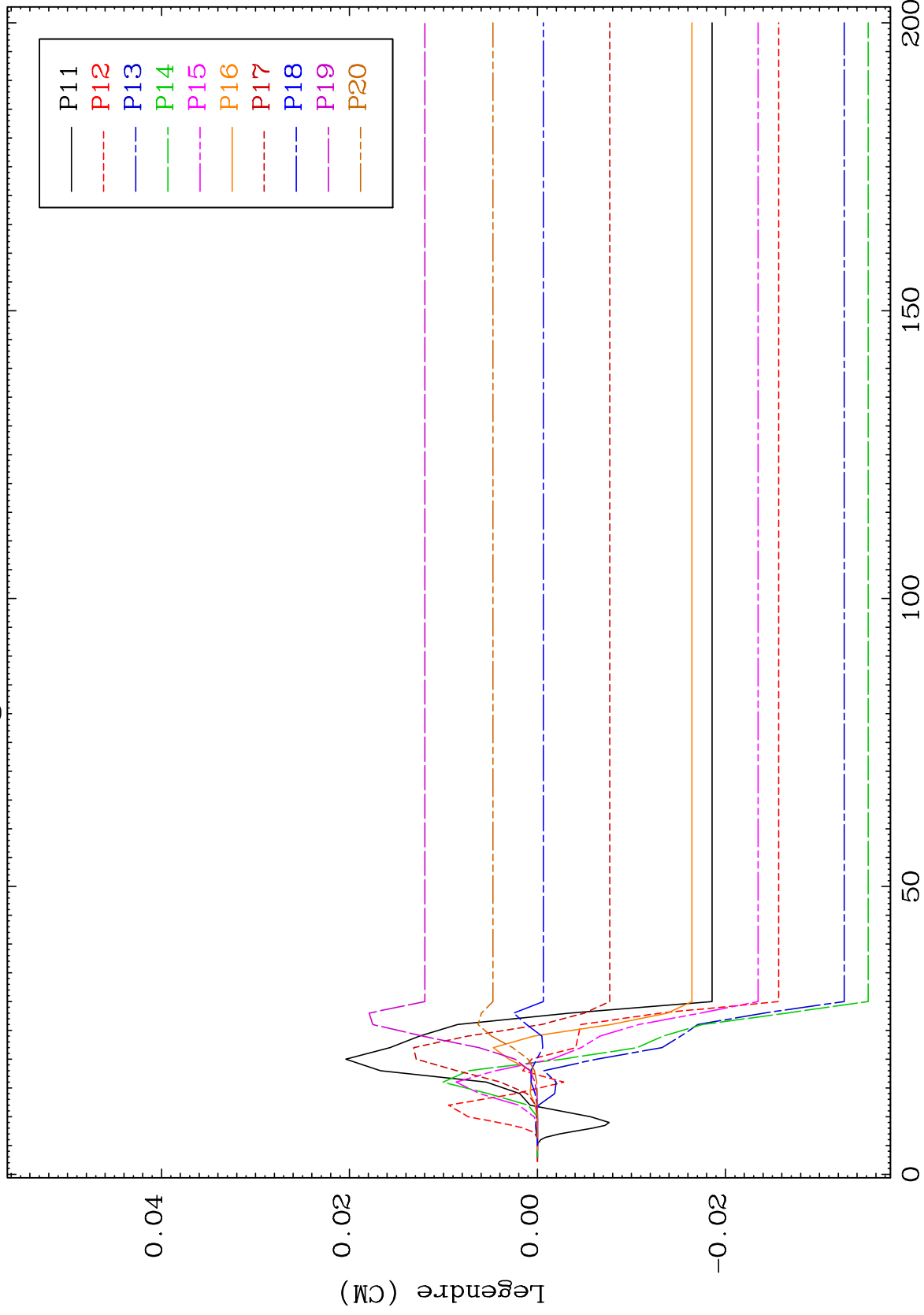
80-Hg-200



MAT 8037

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

80-Hg-200



58

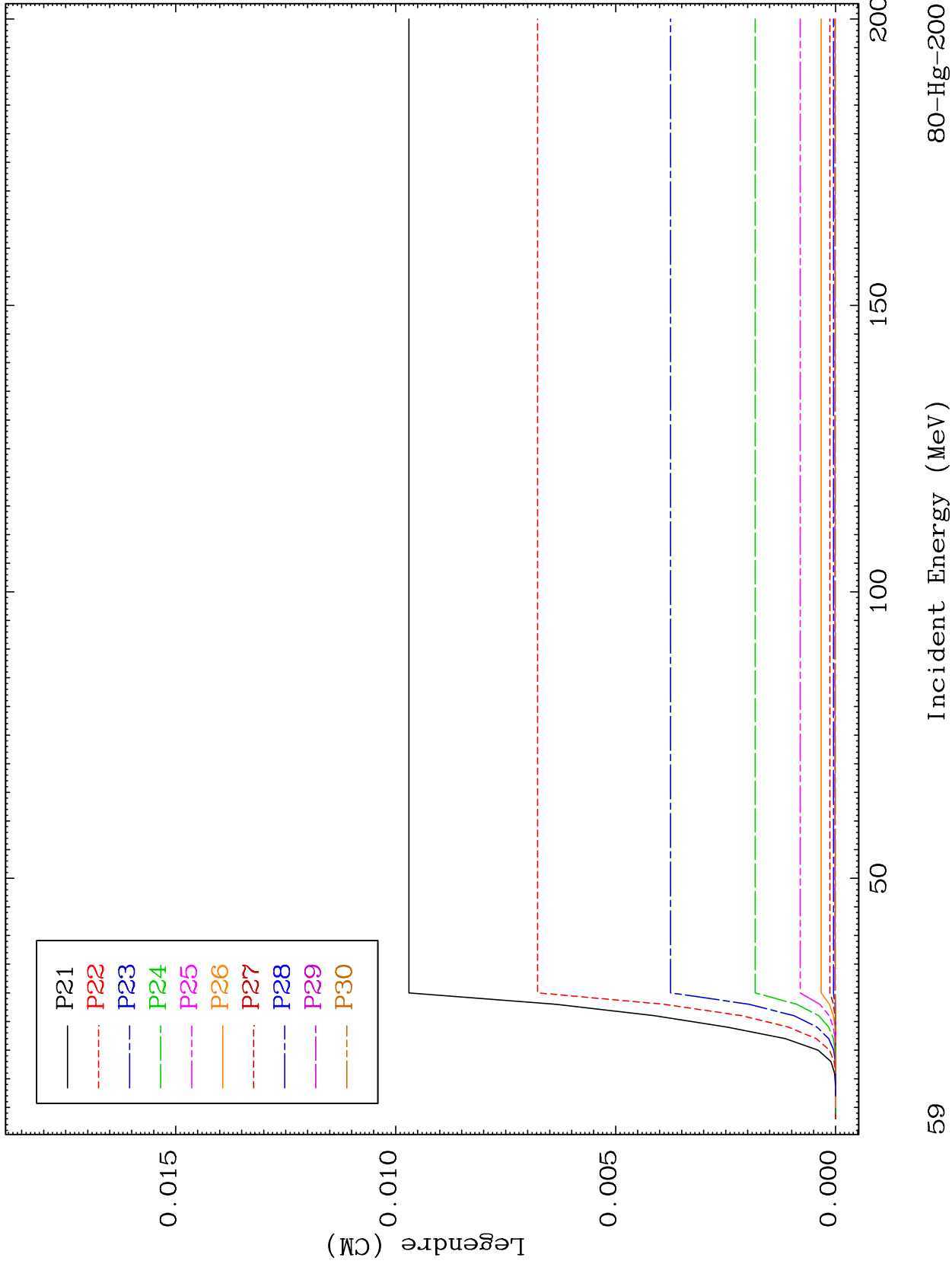
Incident Energy (MeV)

80-Hg-200

MAT 8037

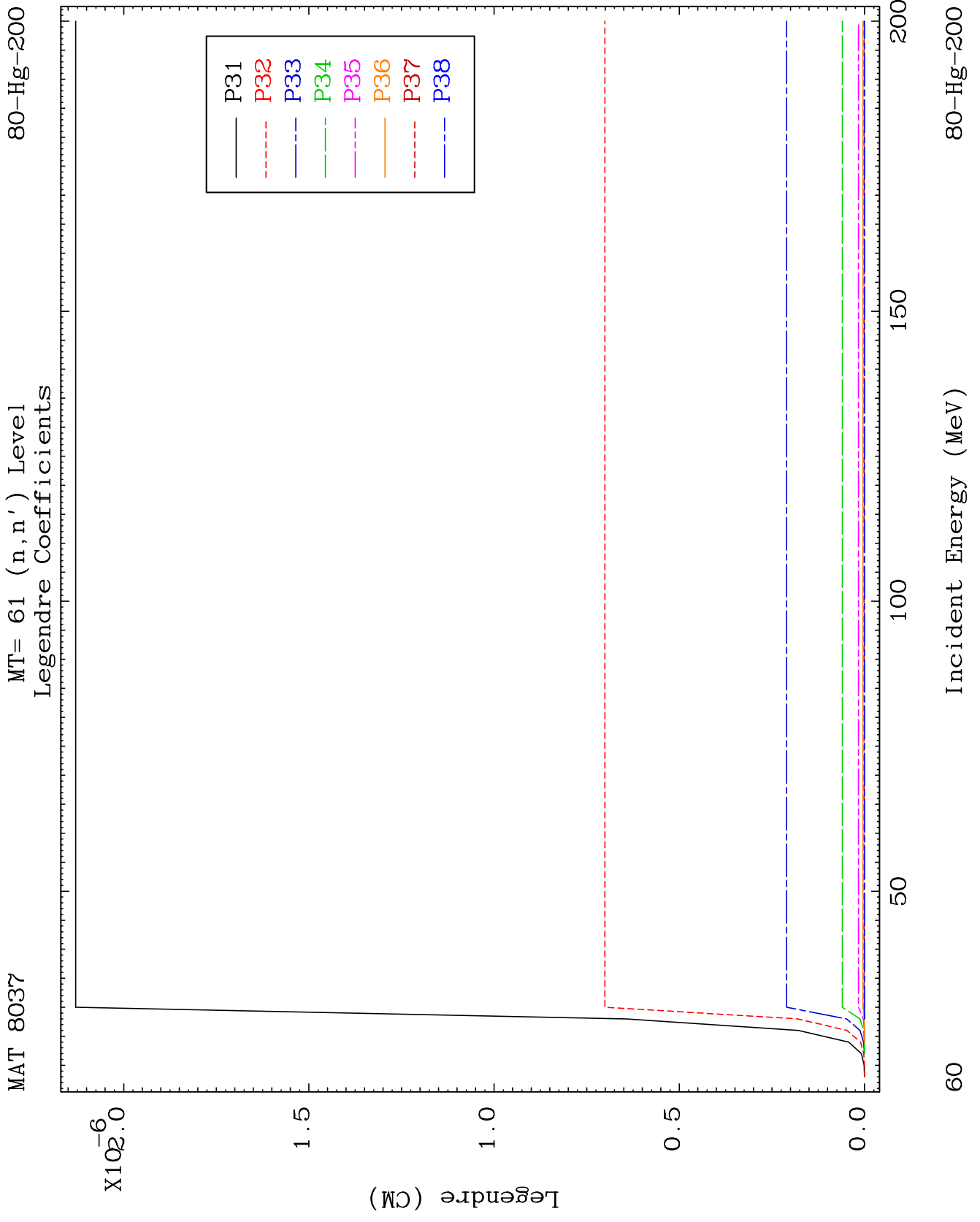
MT= 61 (n,n') Level
Legendre Coefficients

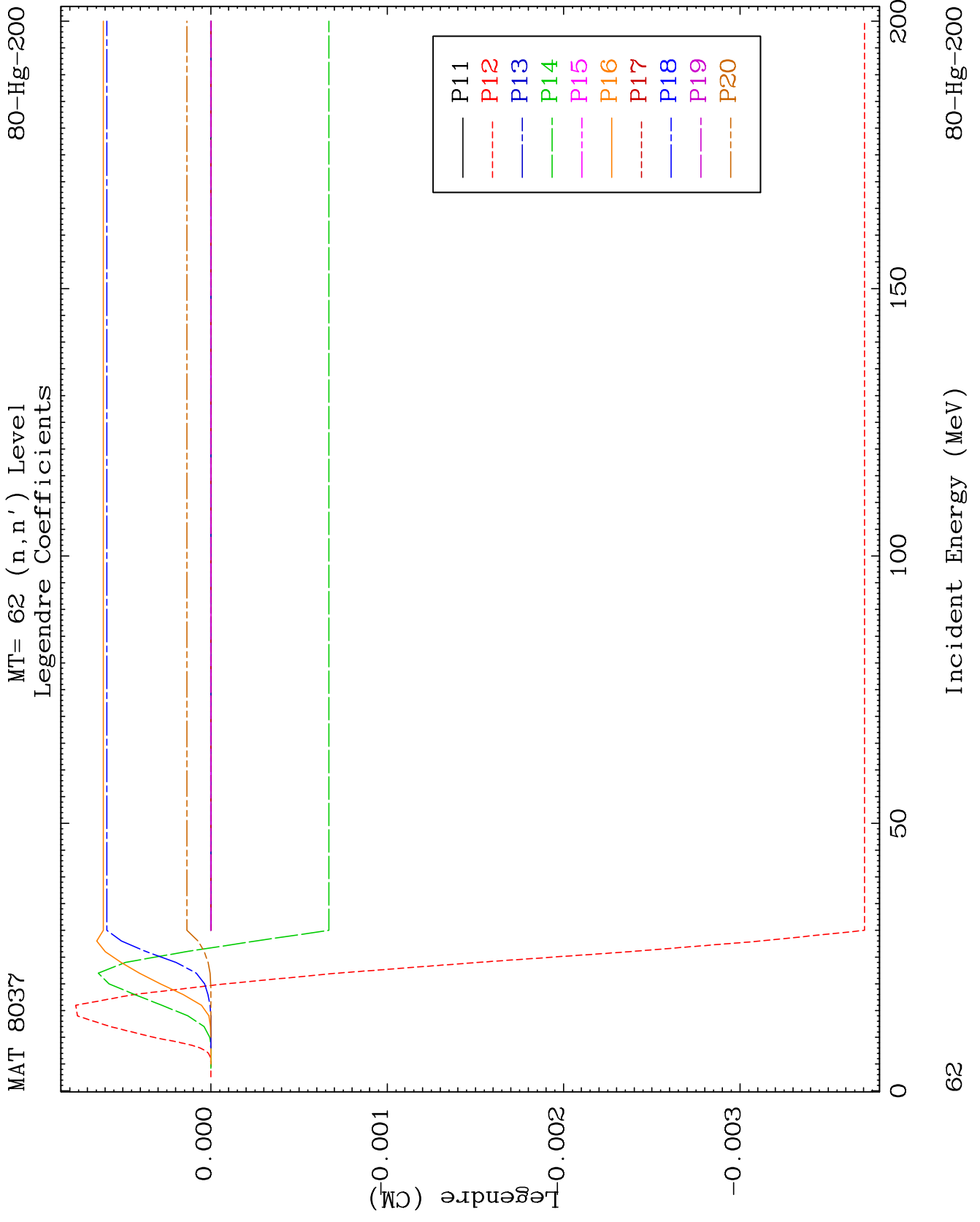
80-Hg-200

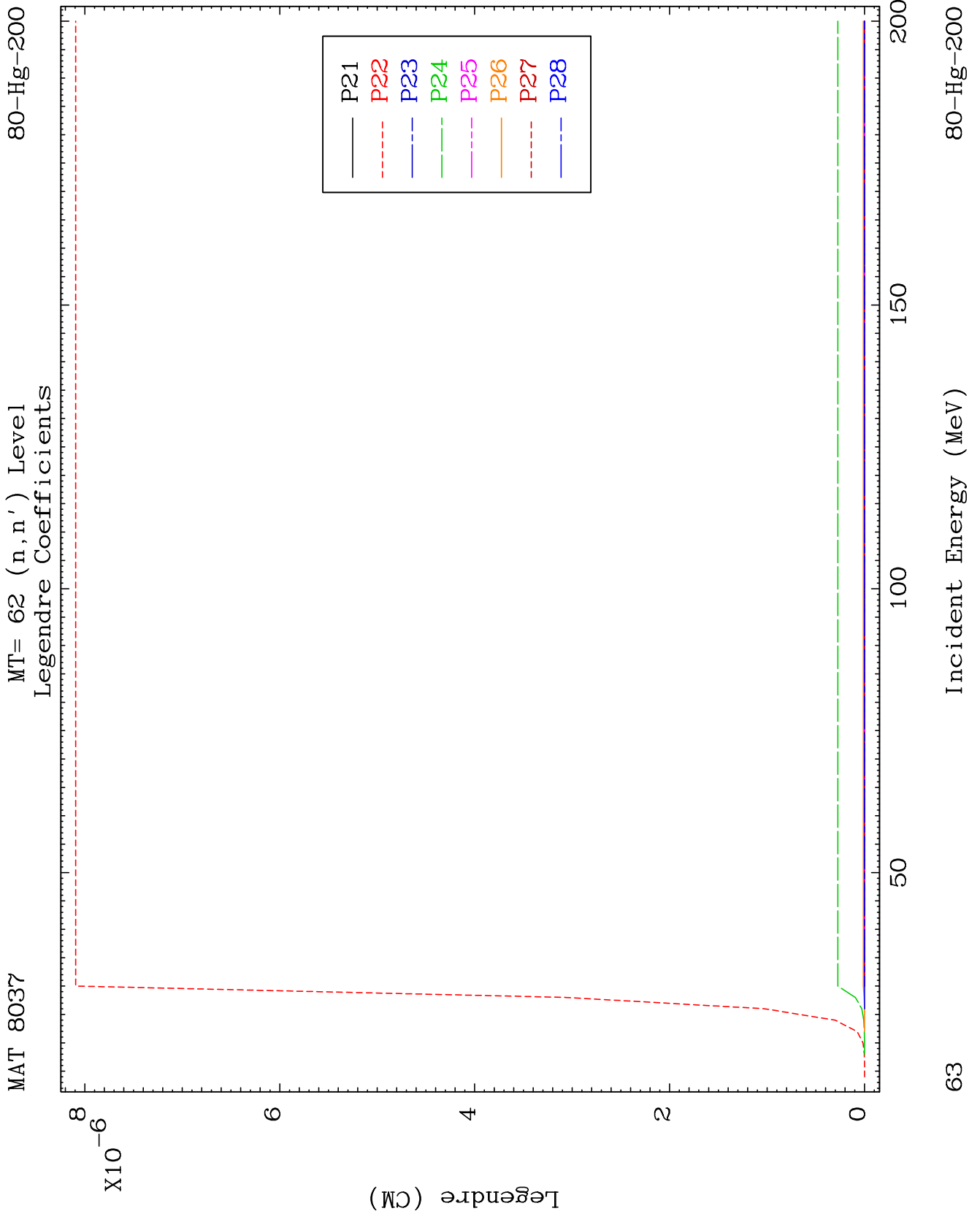


59

80-Hg-200



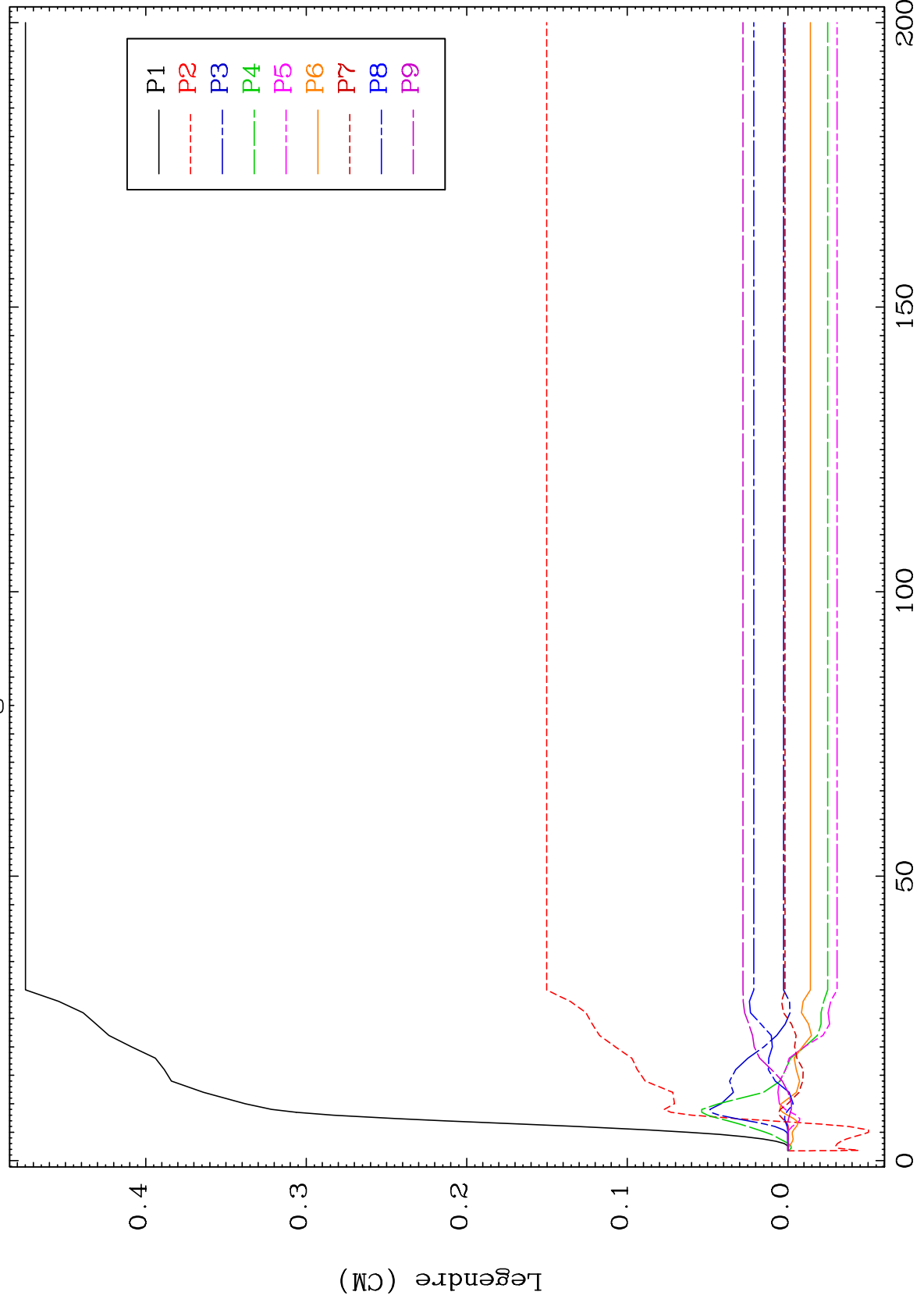




MAT 8037

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

80-Hg-200



64

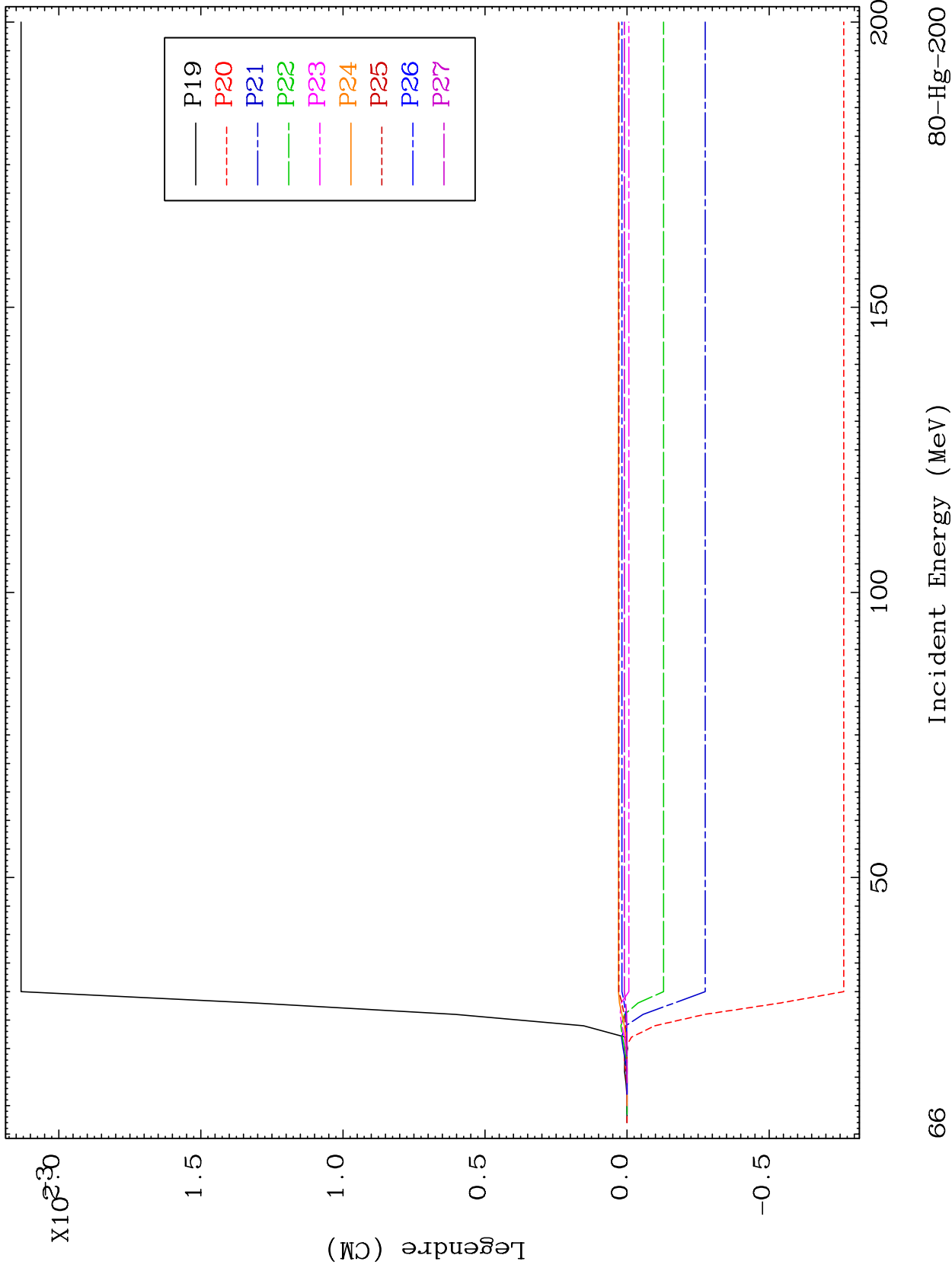
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

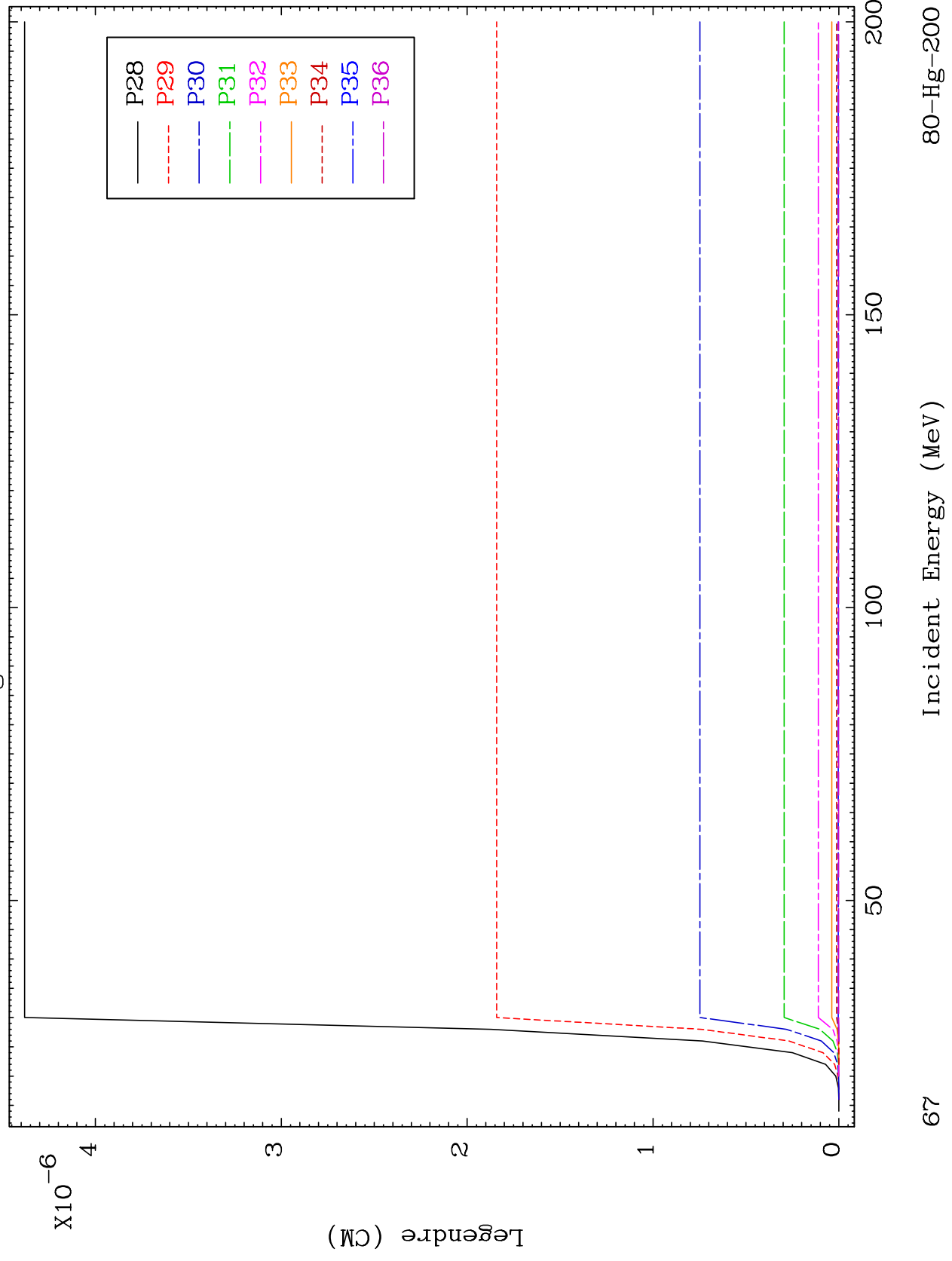
80-Hg-200



MAT 8037

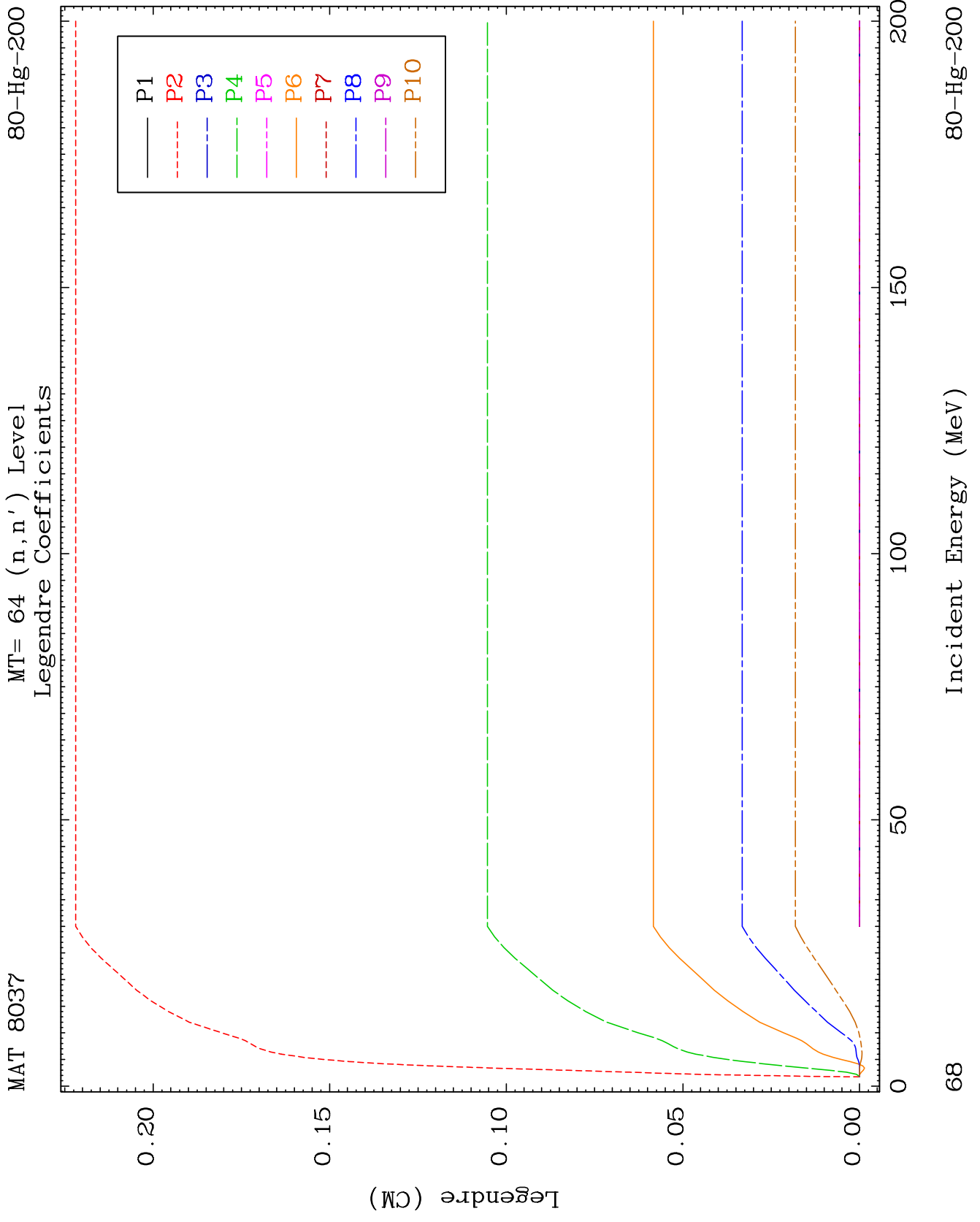
MT= 63 (n,n') Level
Legendre Coefficients

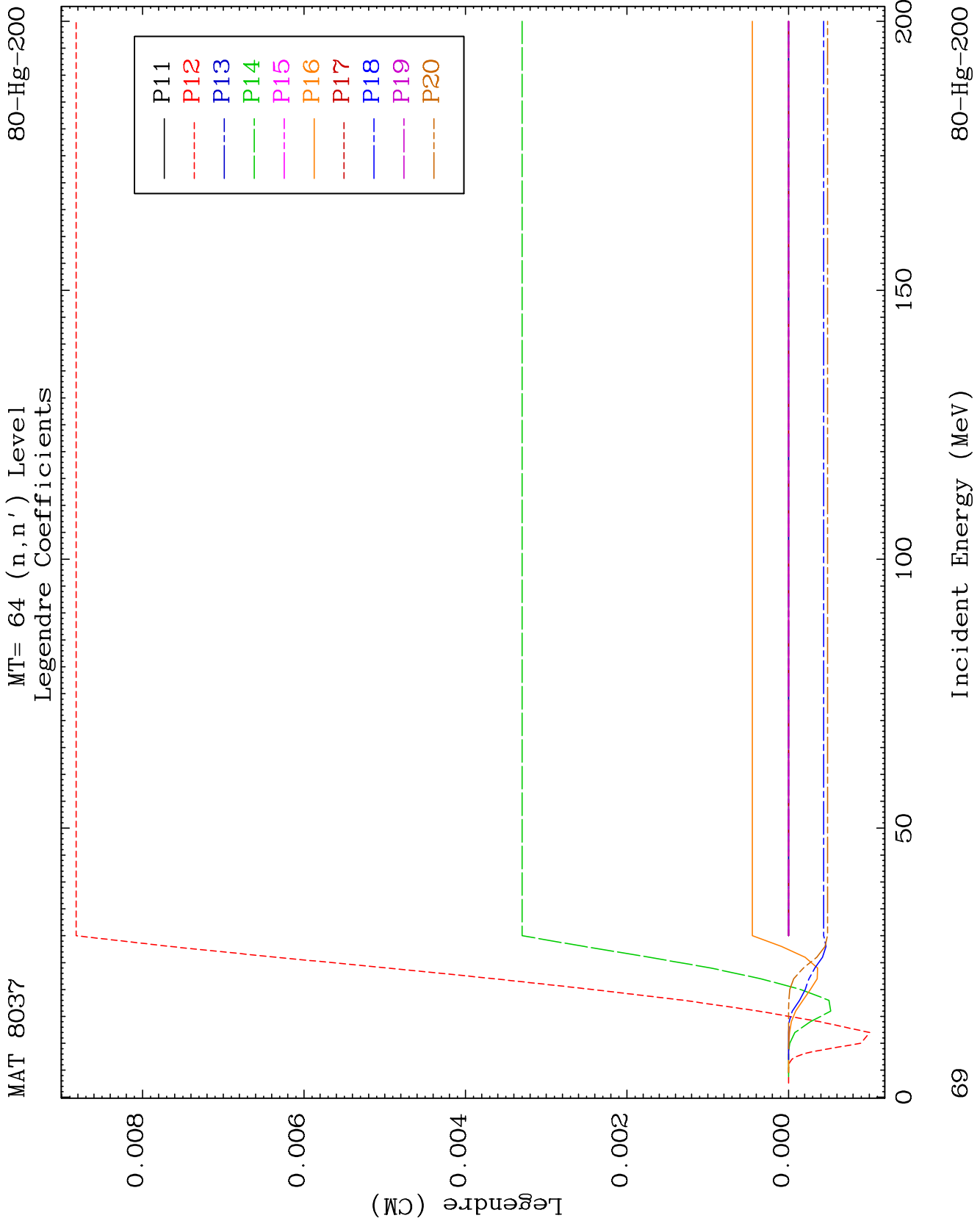
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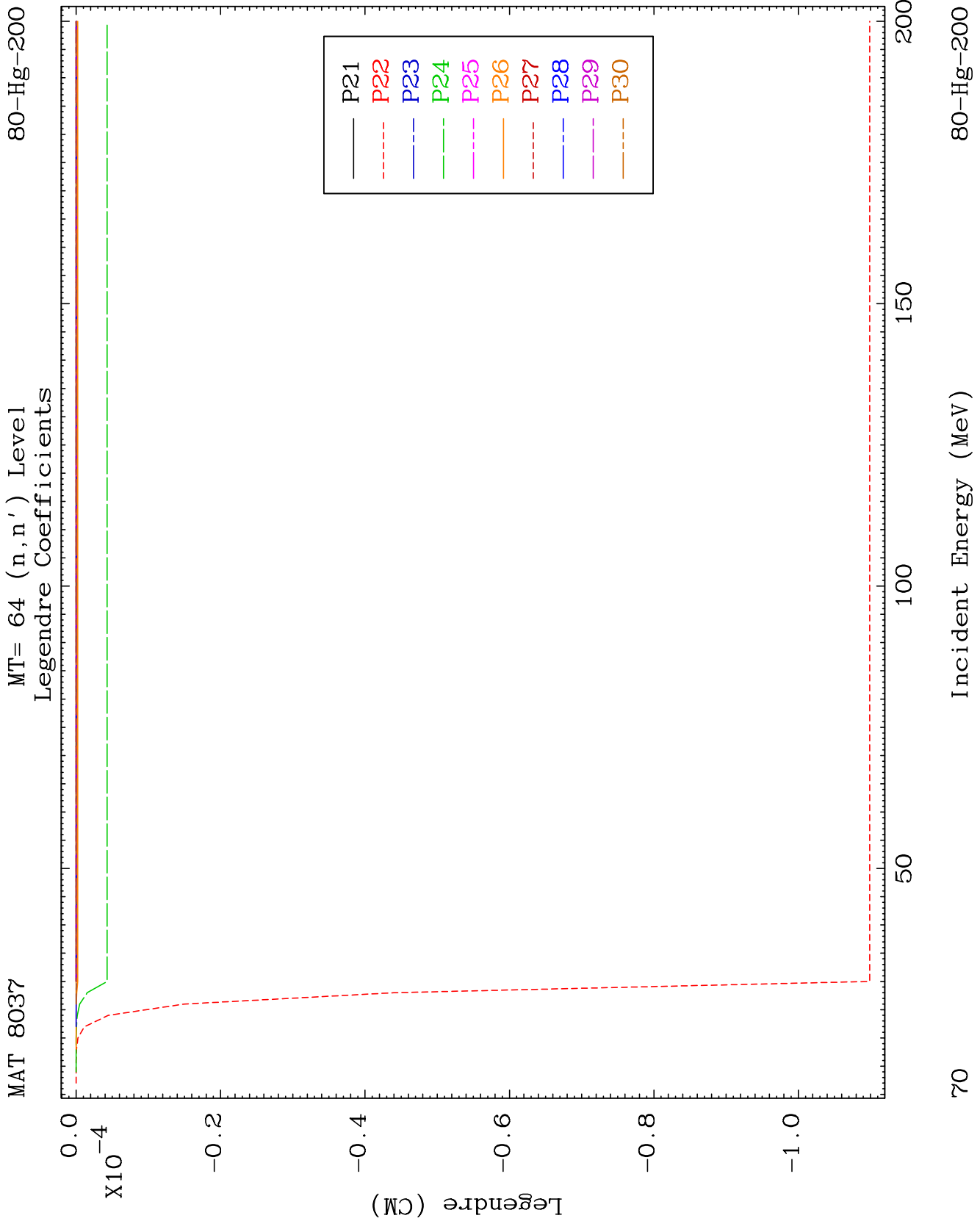


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80-Hg-200



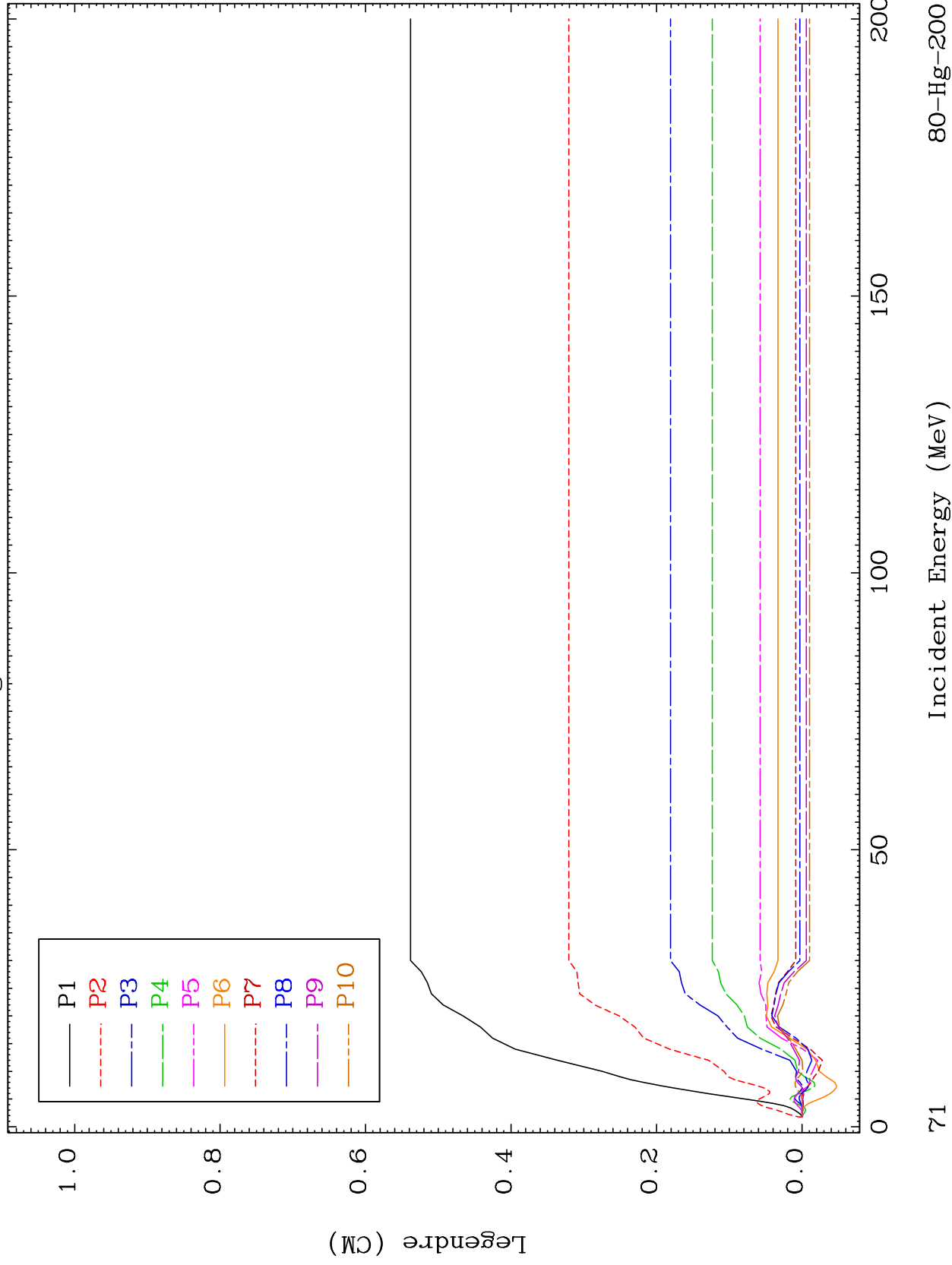




MAT 8037

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

80-Hg-200



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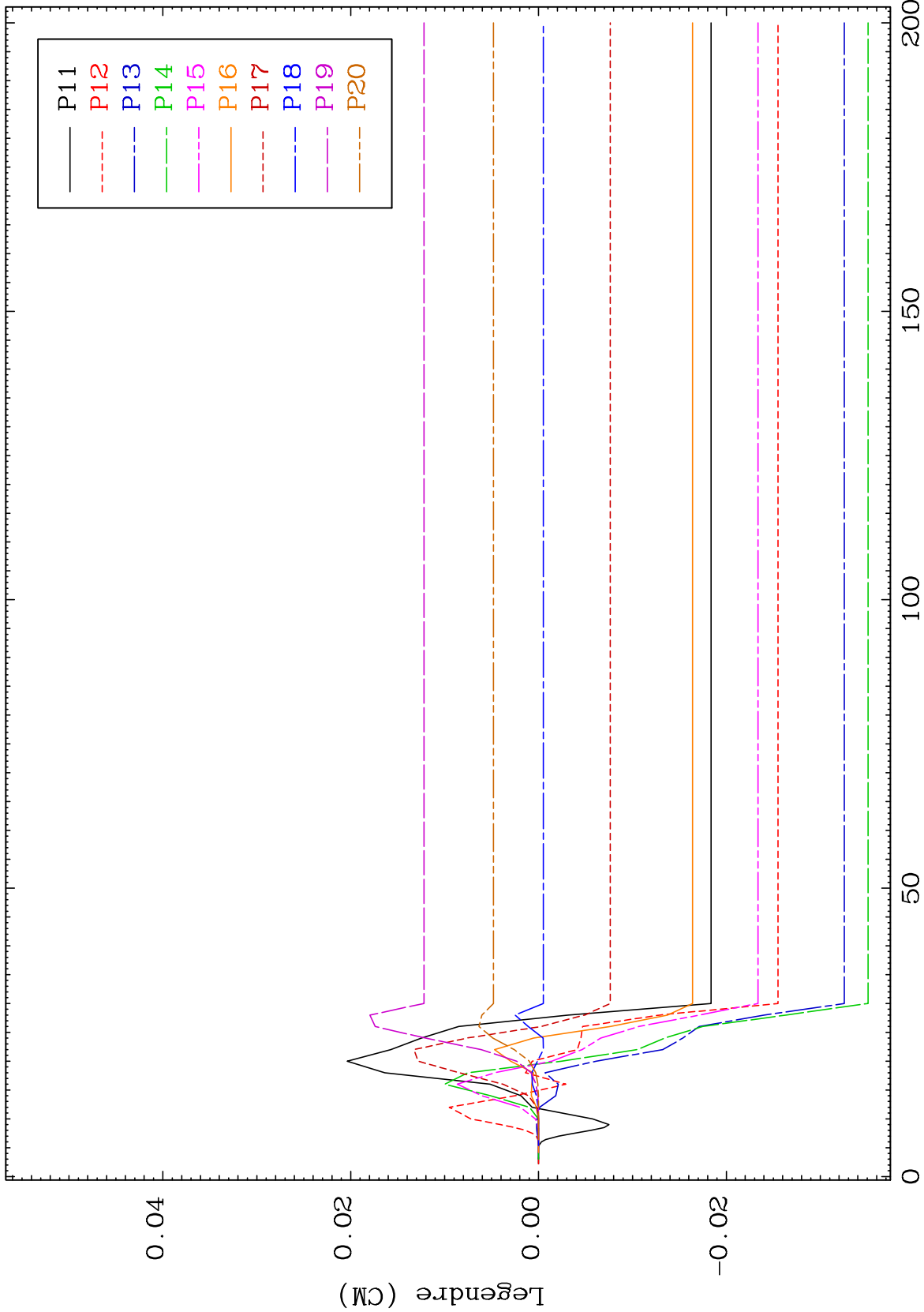
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



72

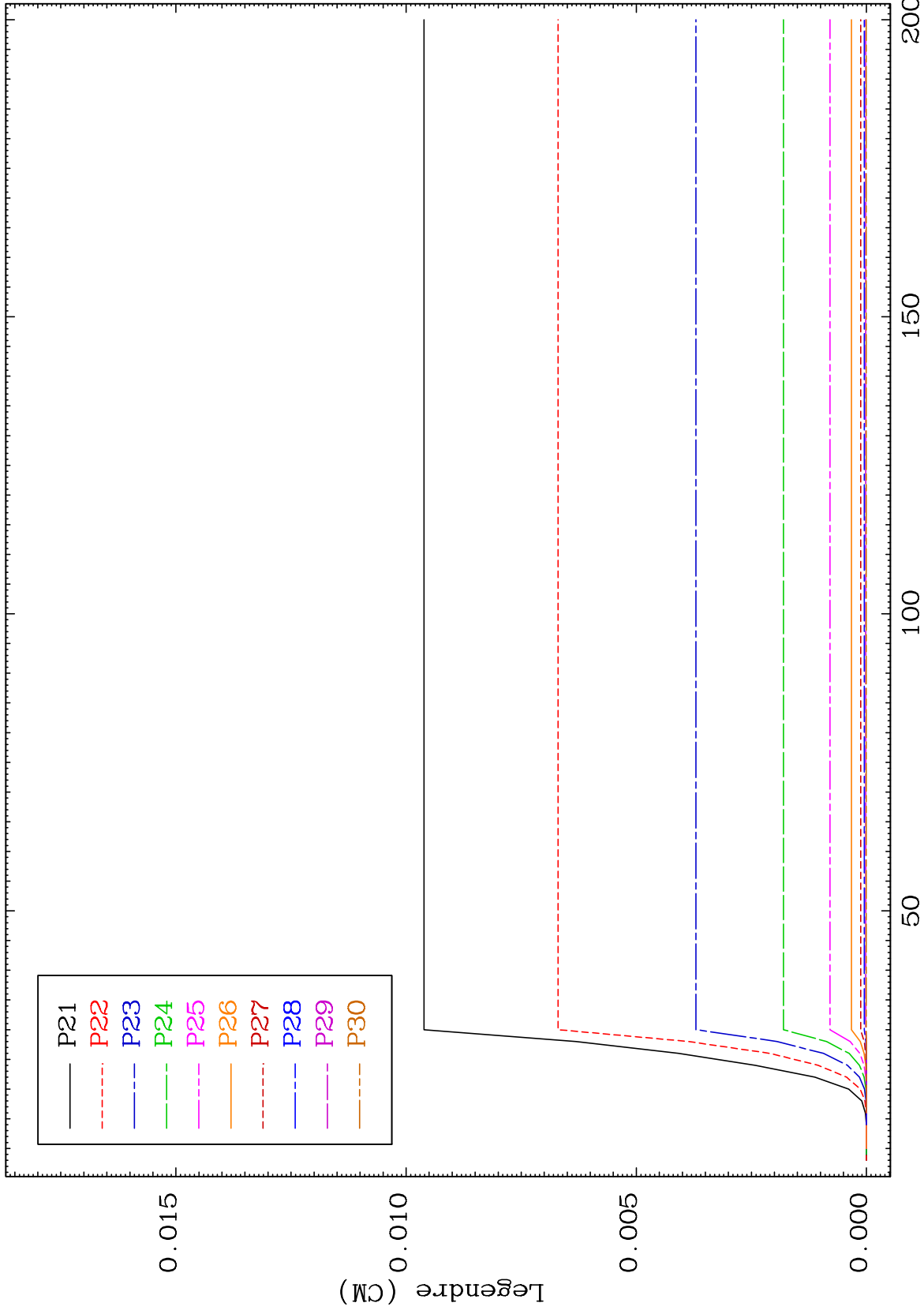
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

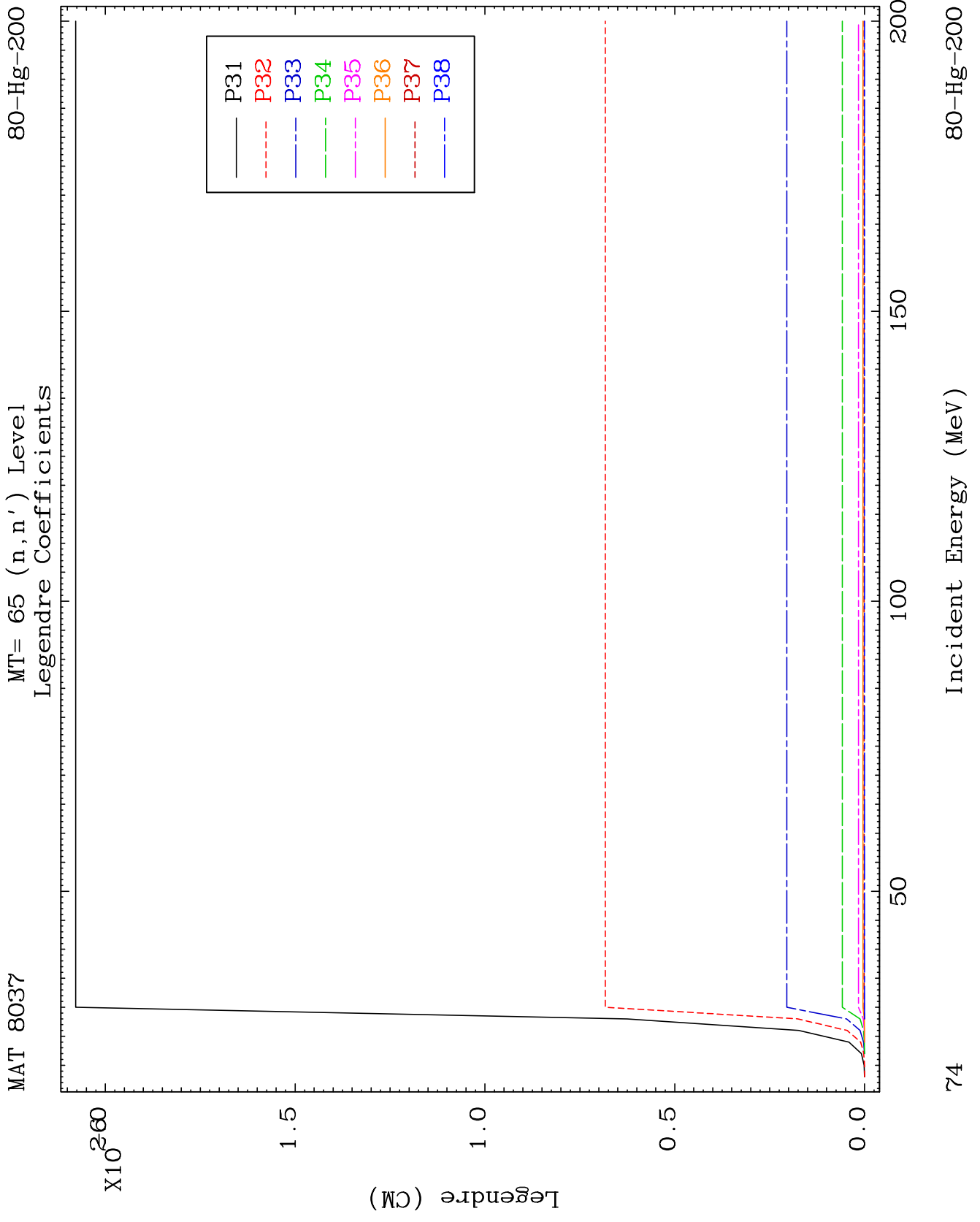
80-Hg-200



73

Incident Energy (MeV)

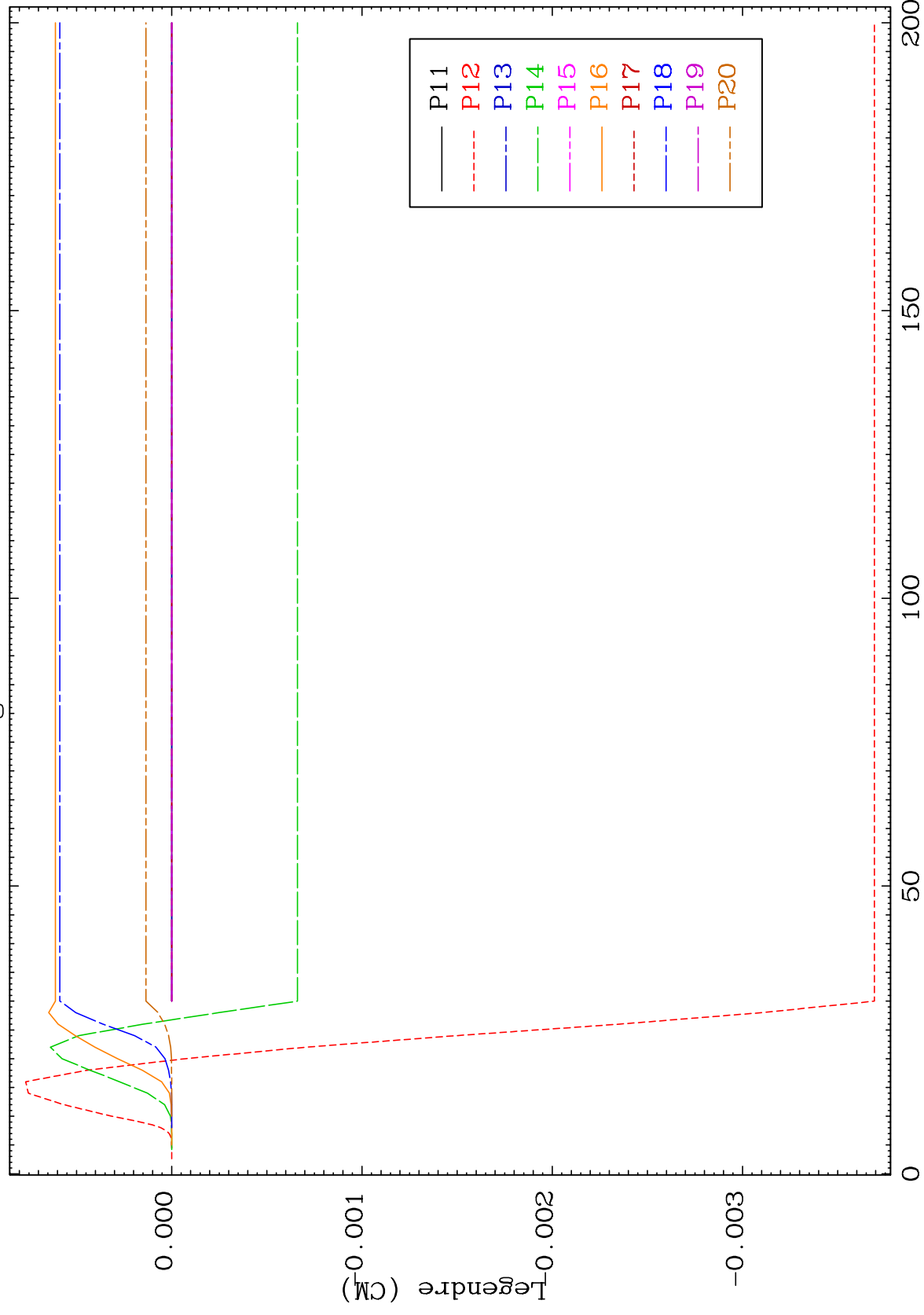
80-Hg-200



MAT 8037

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

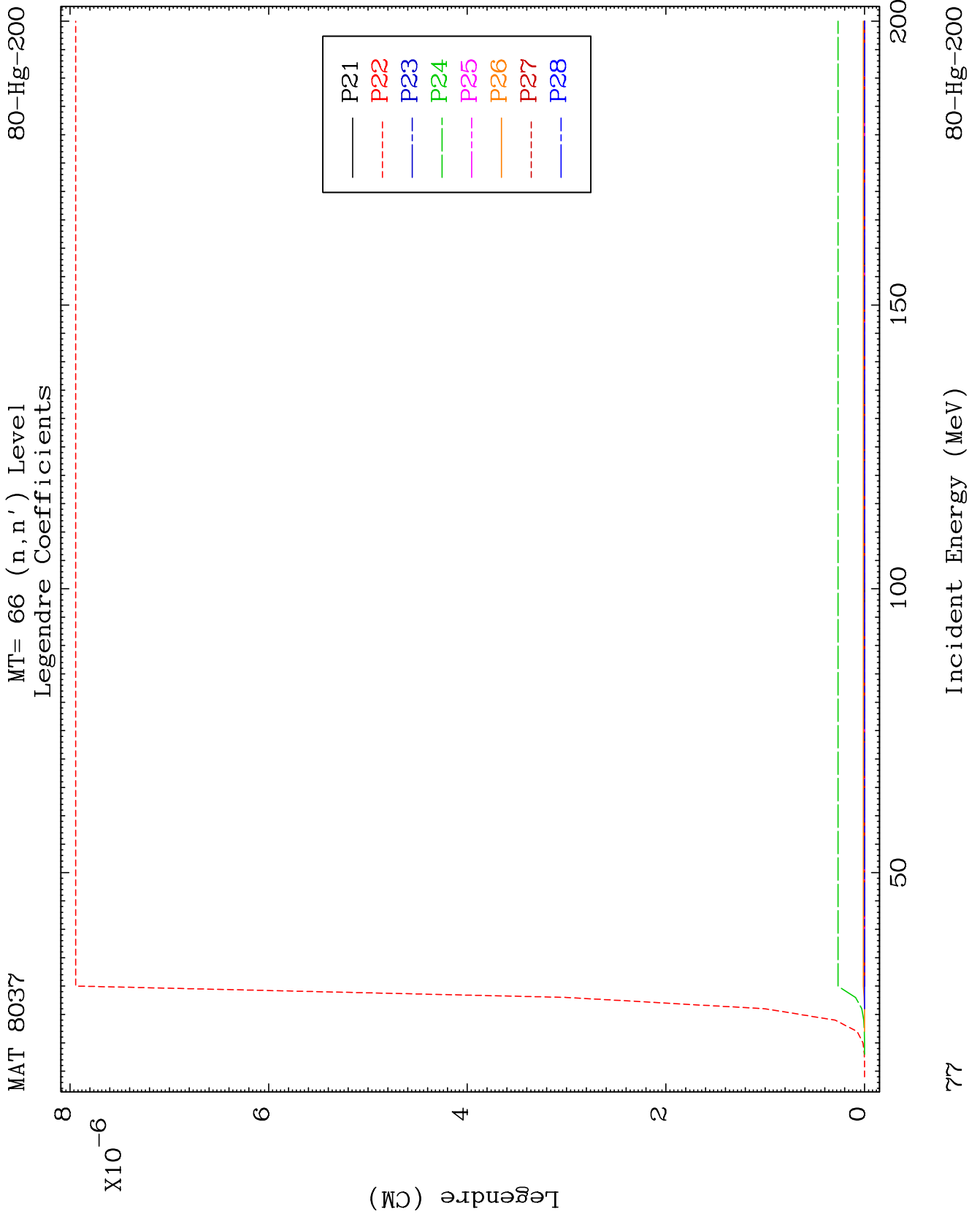
80-Hg-200

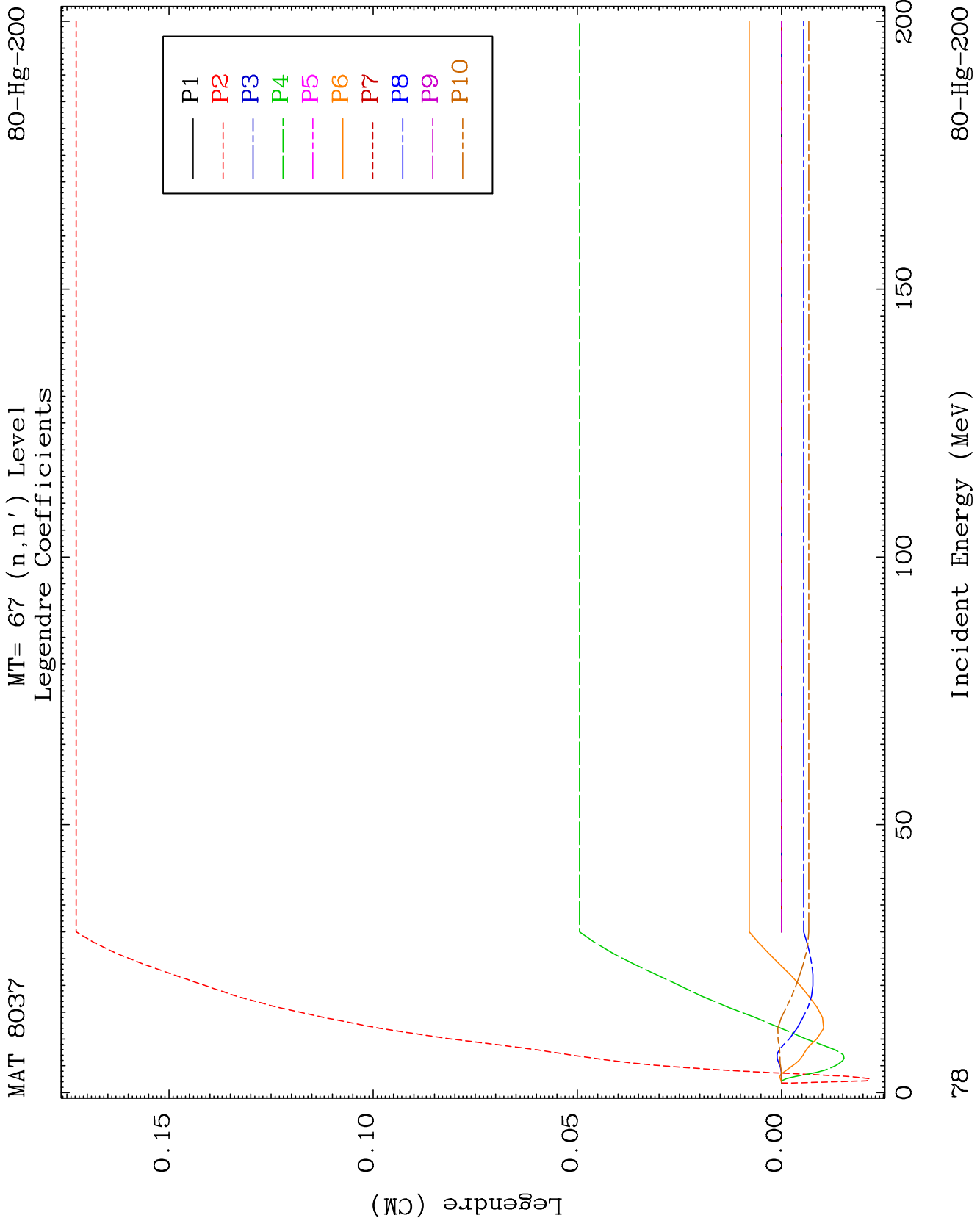


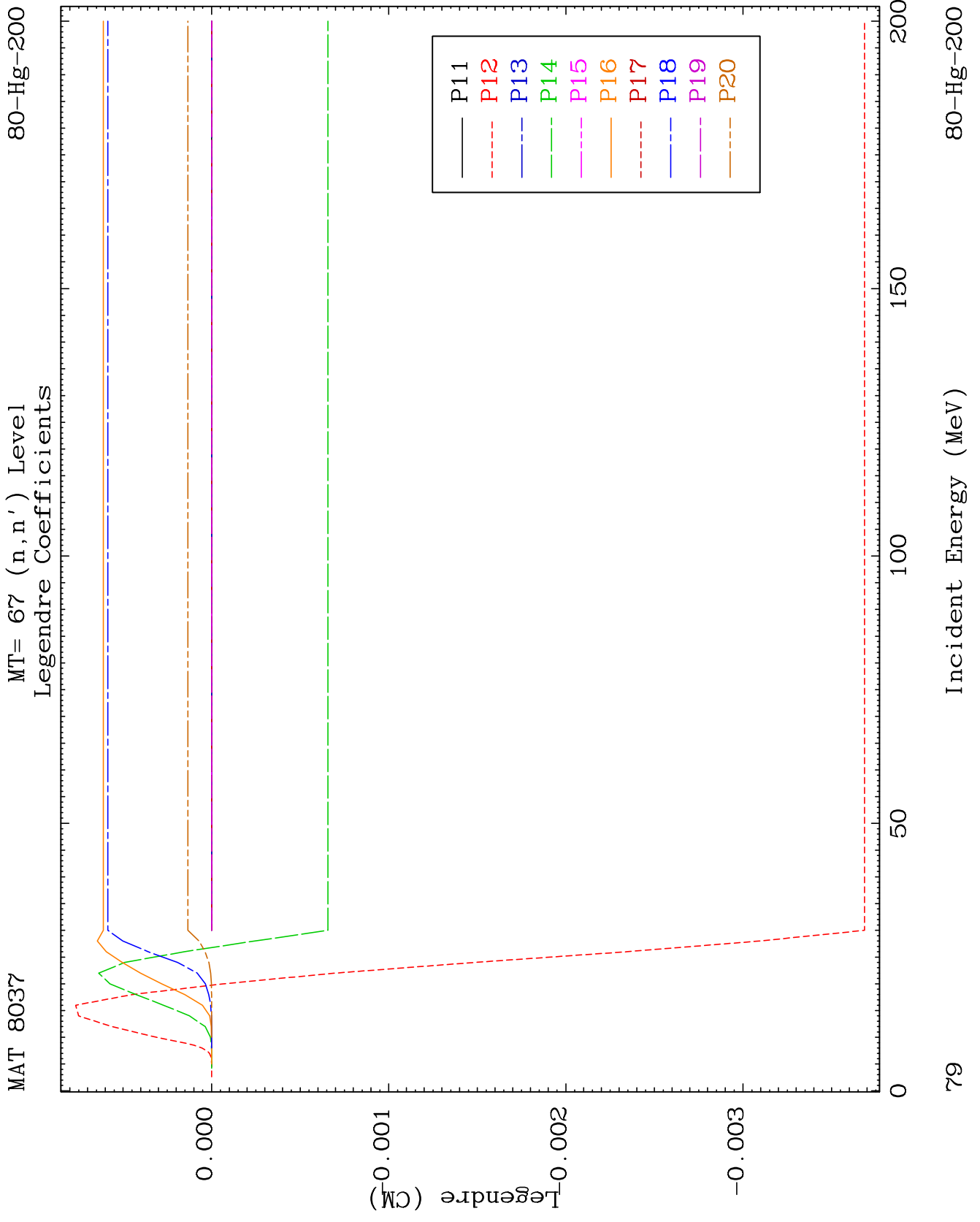
76

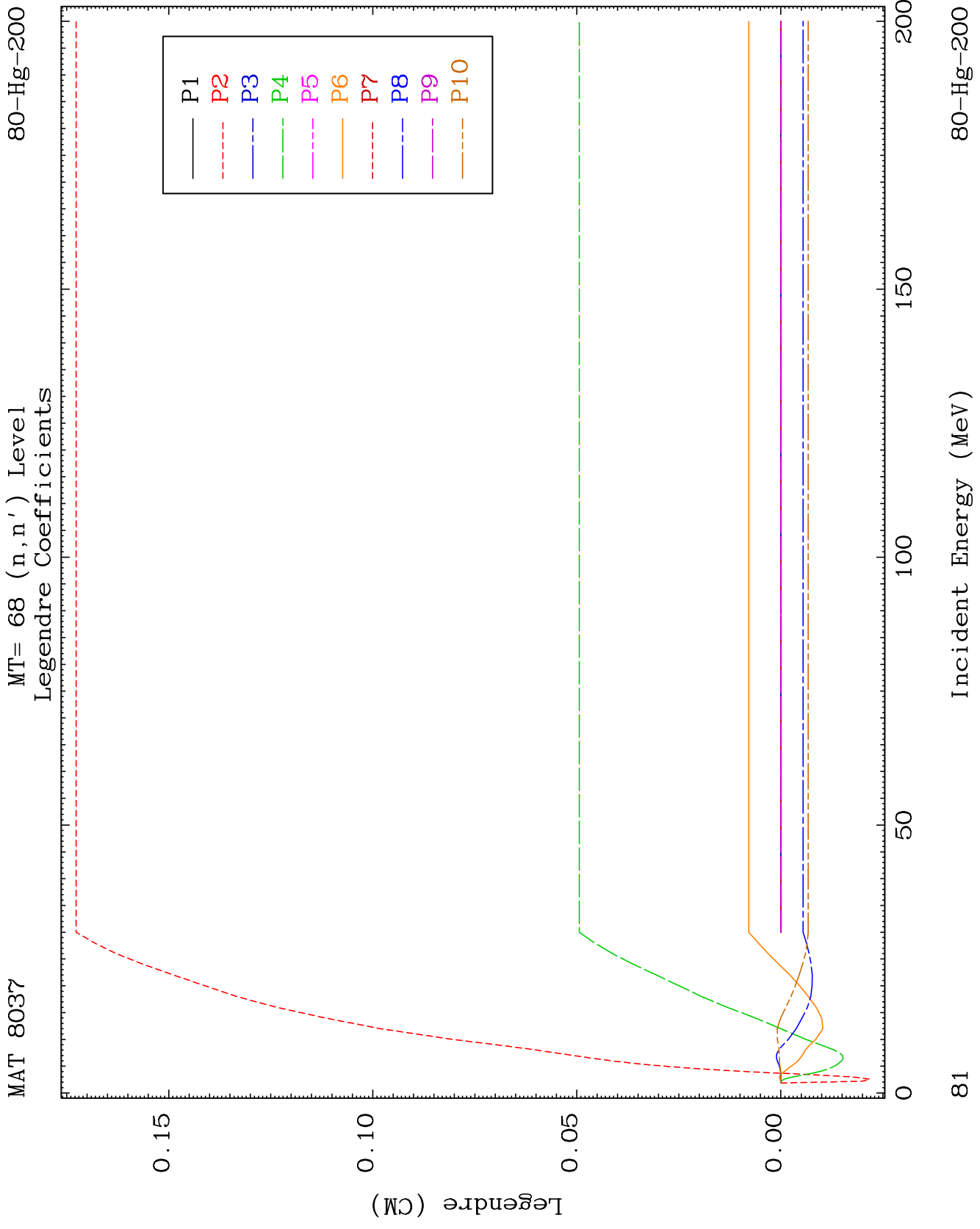
Incident Energy (MeV)

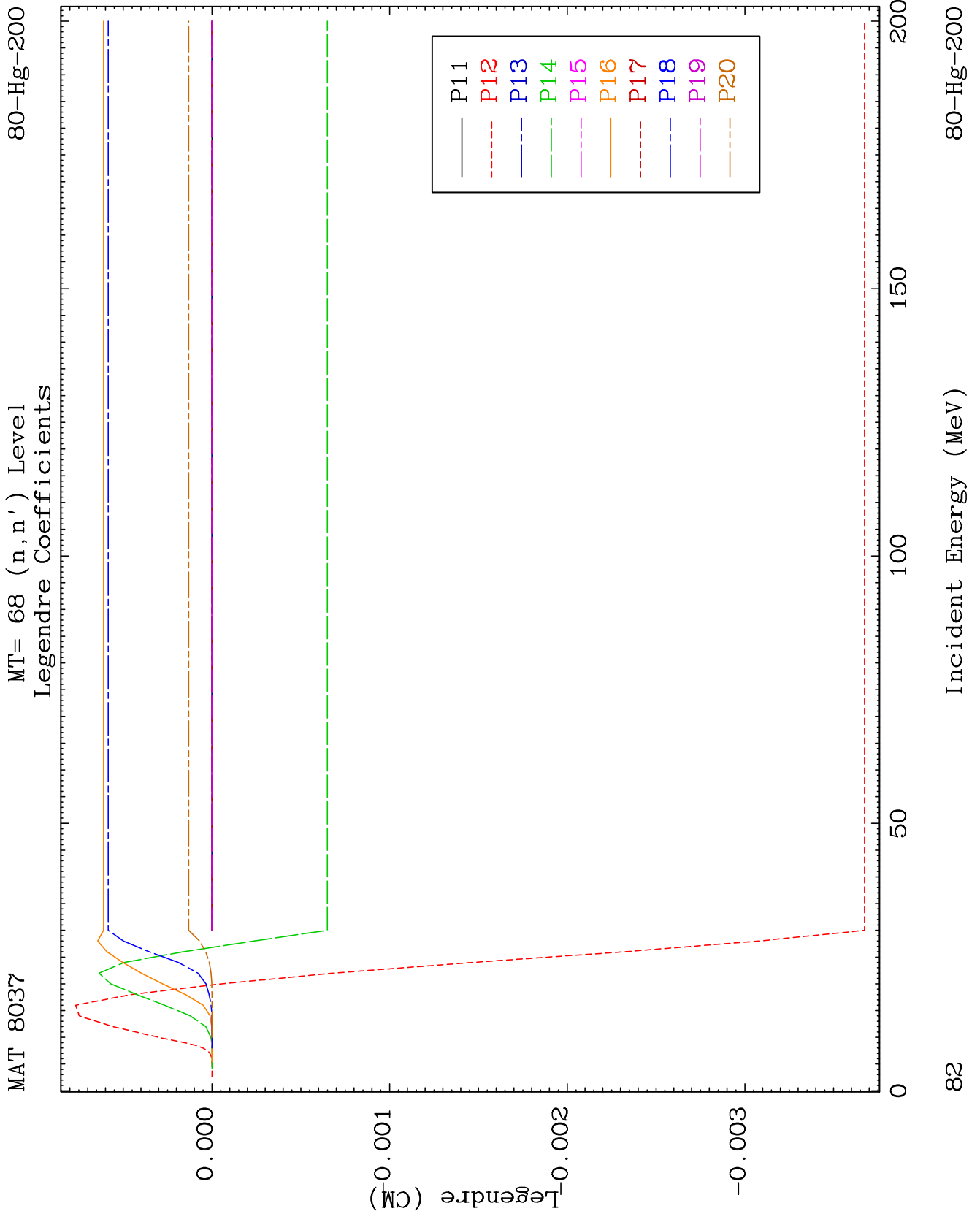
80-Hg-200

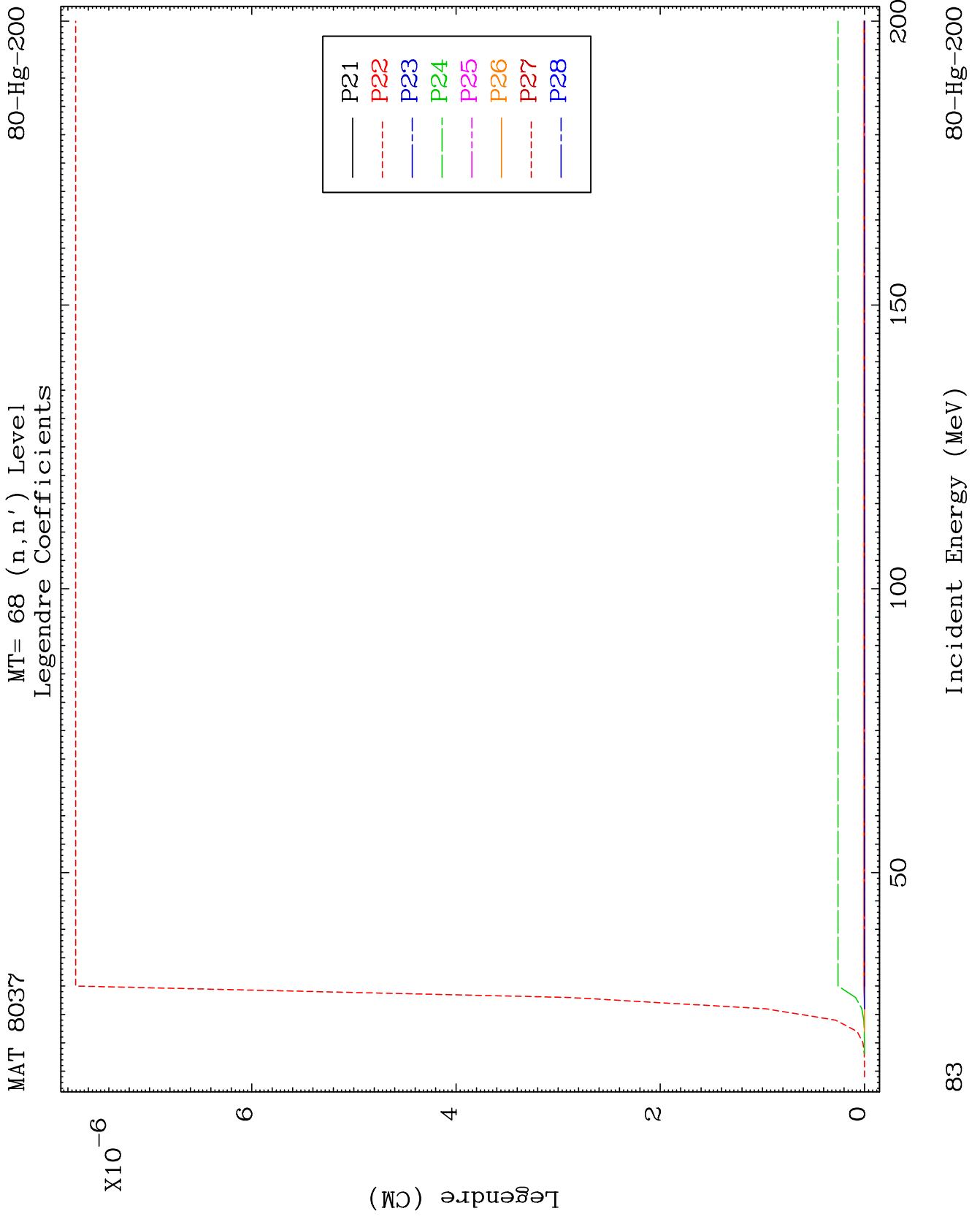


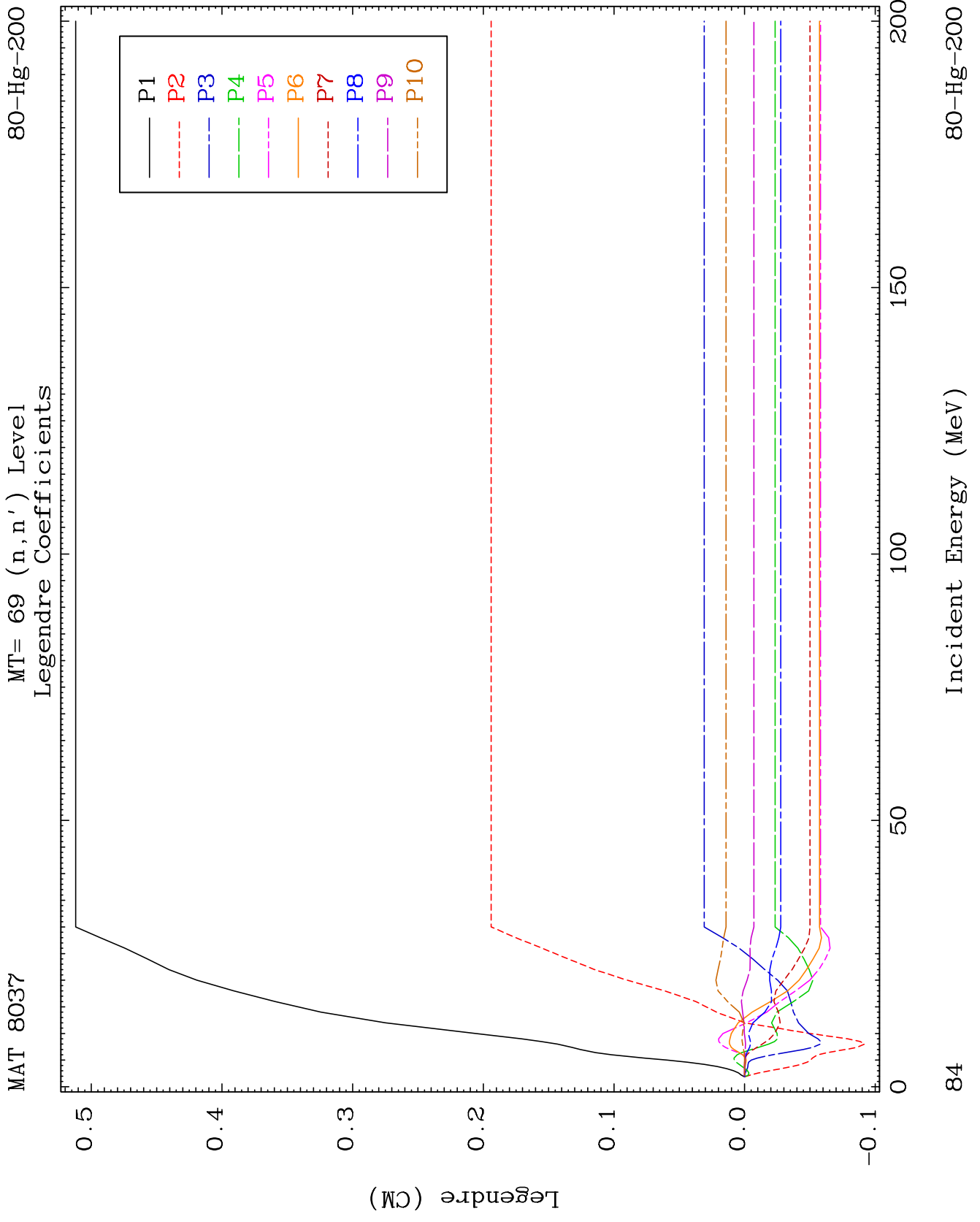


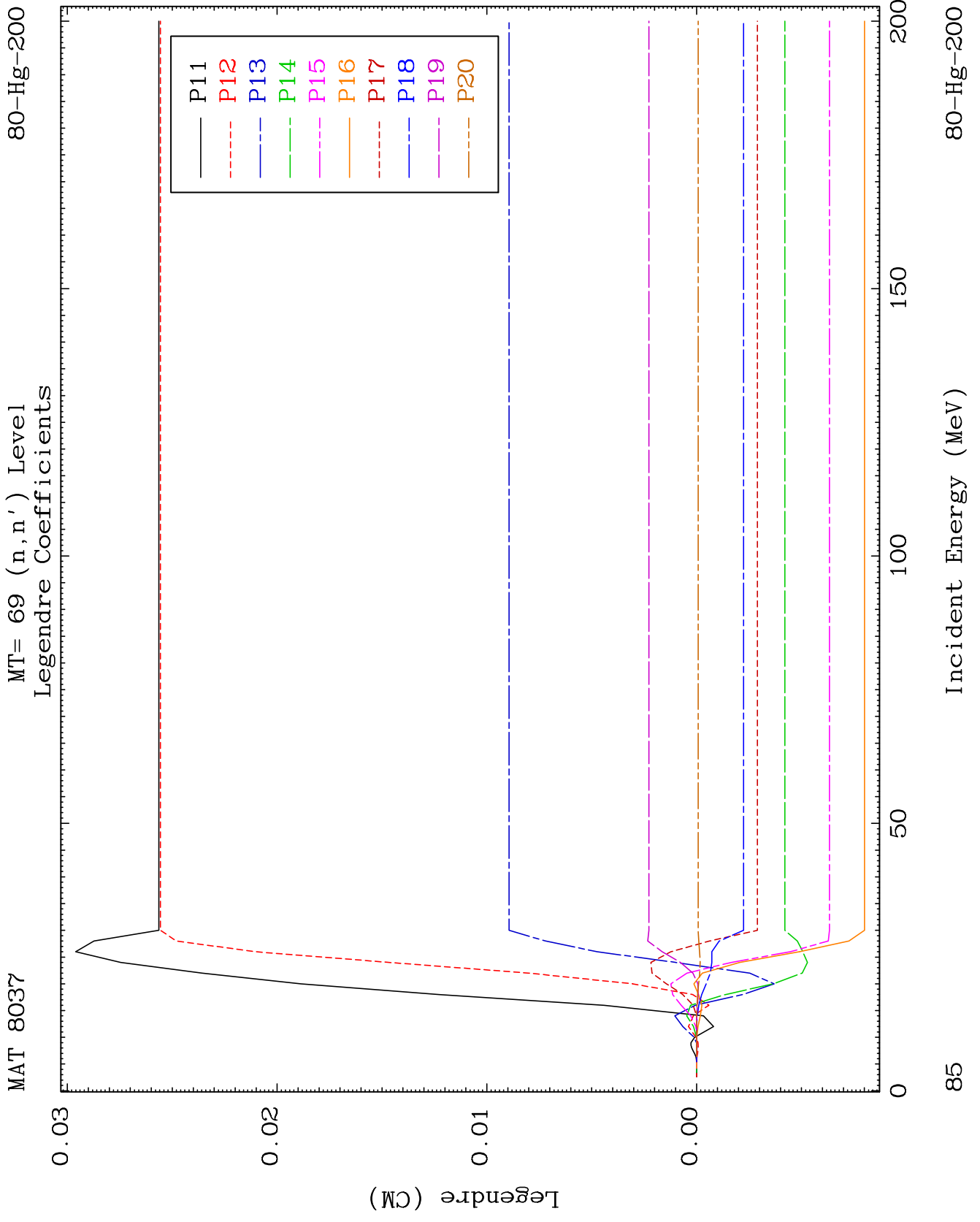








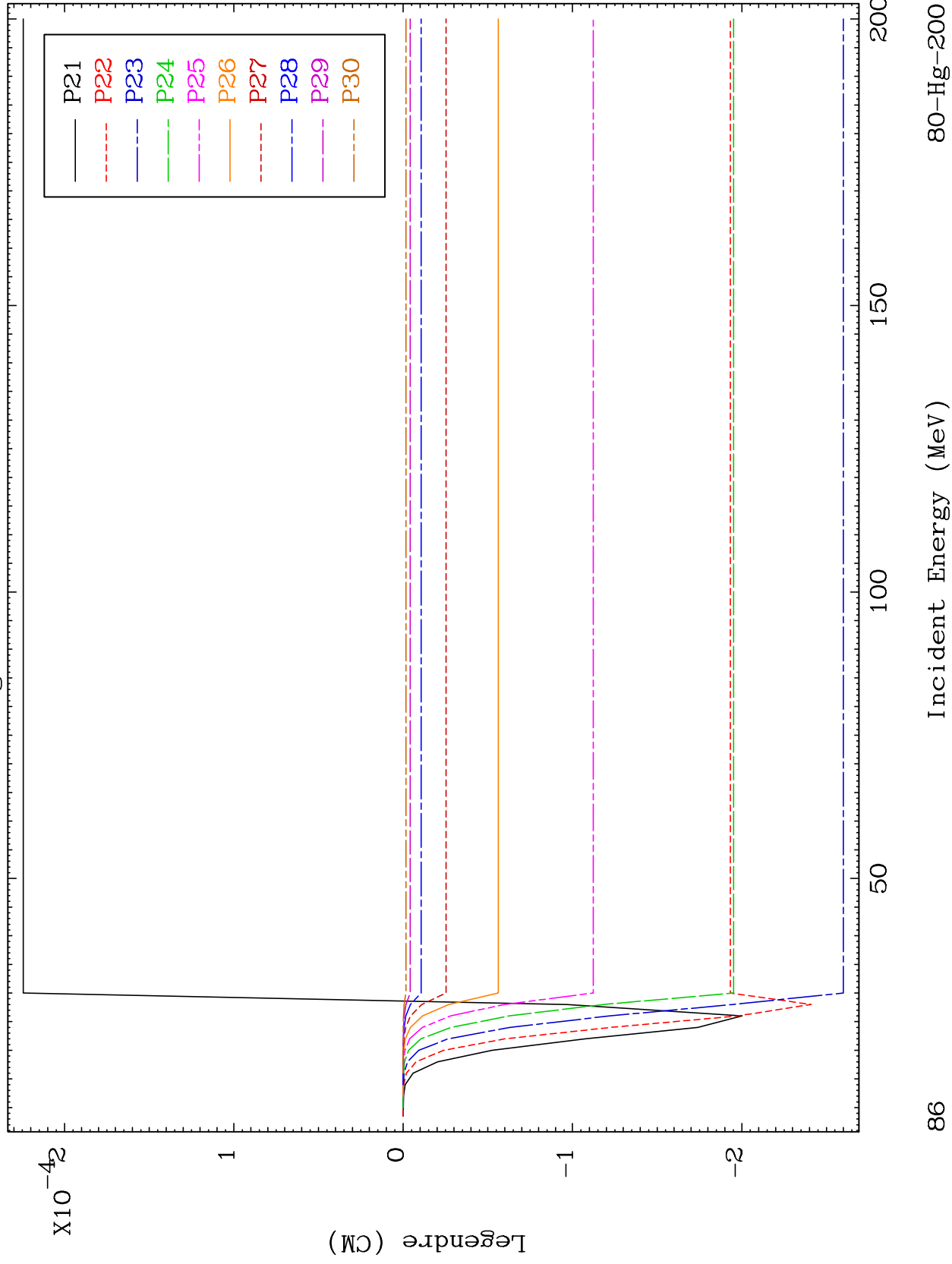


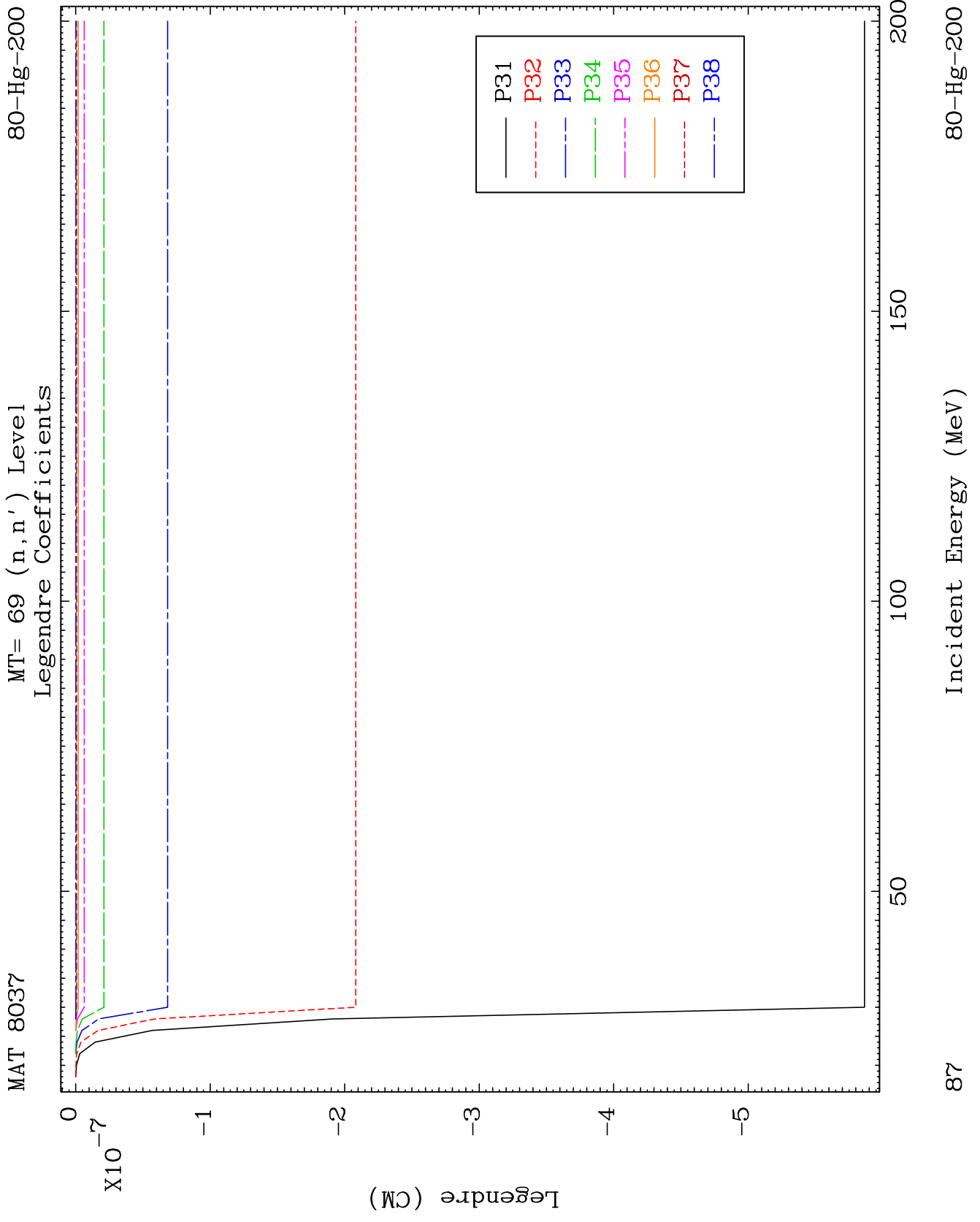


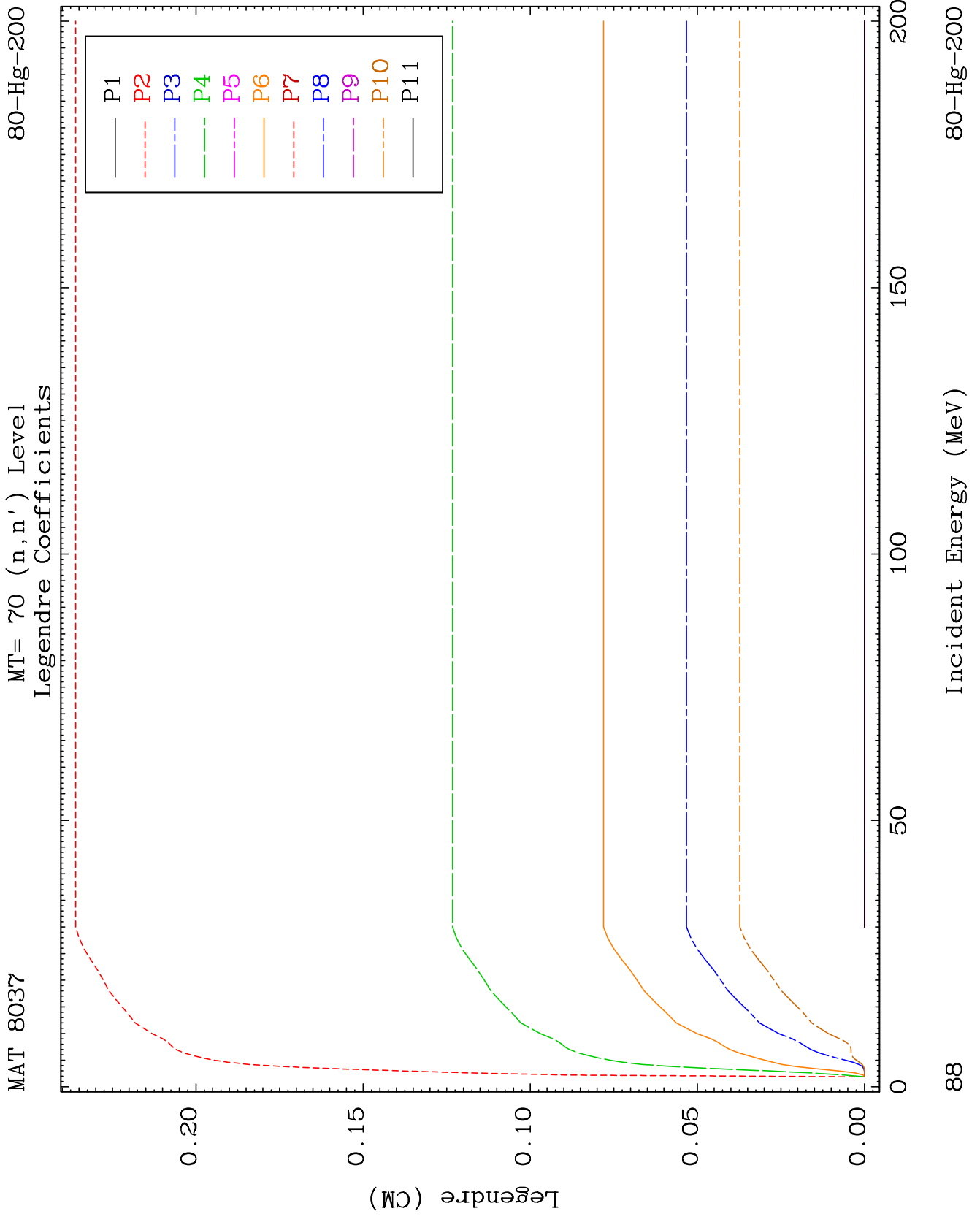
MAT 8037

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

80-Hg-200



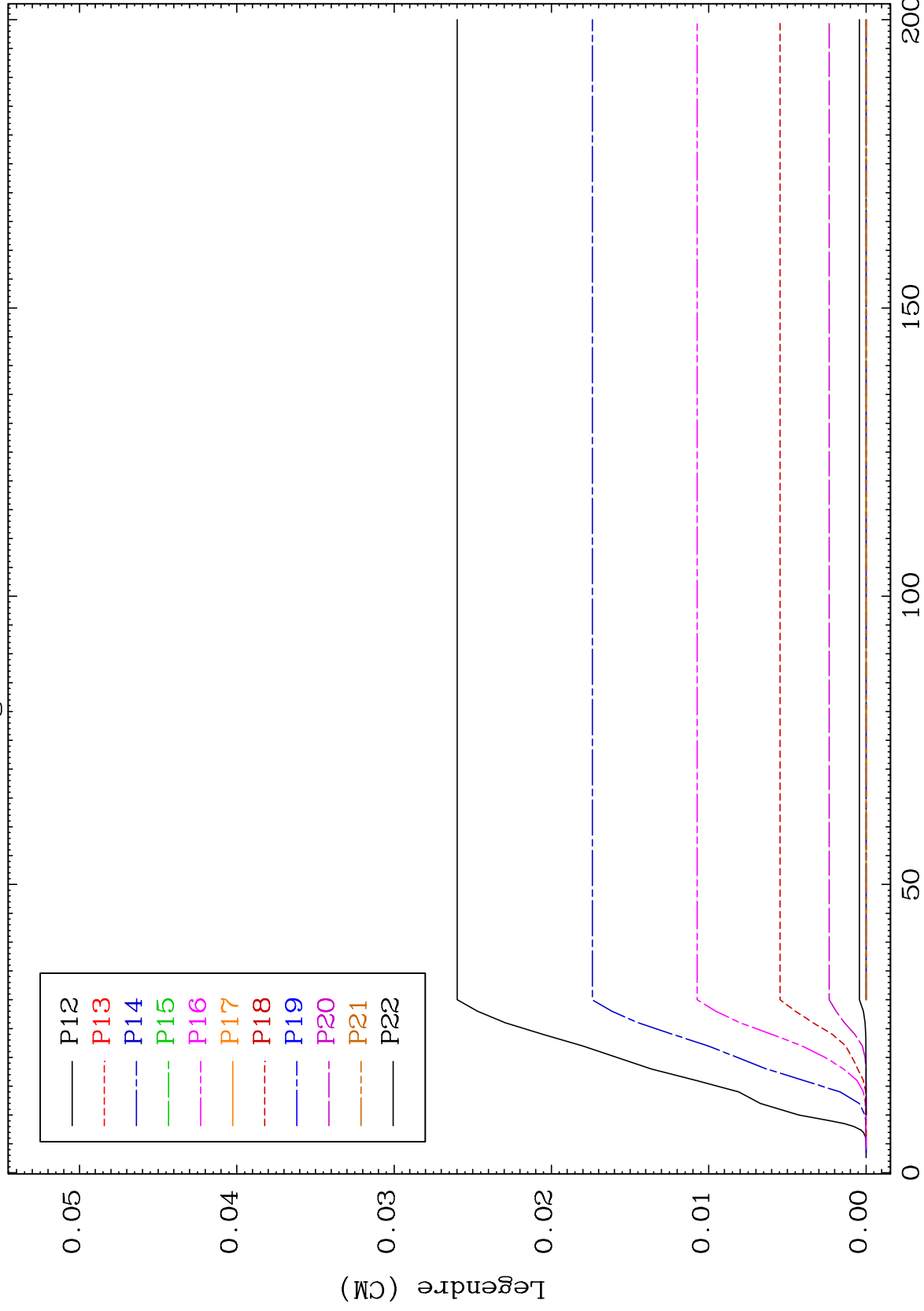




MAT 8037

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

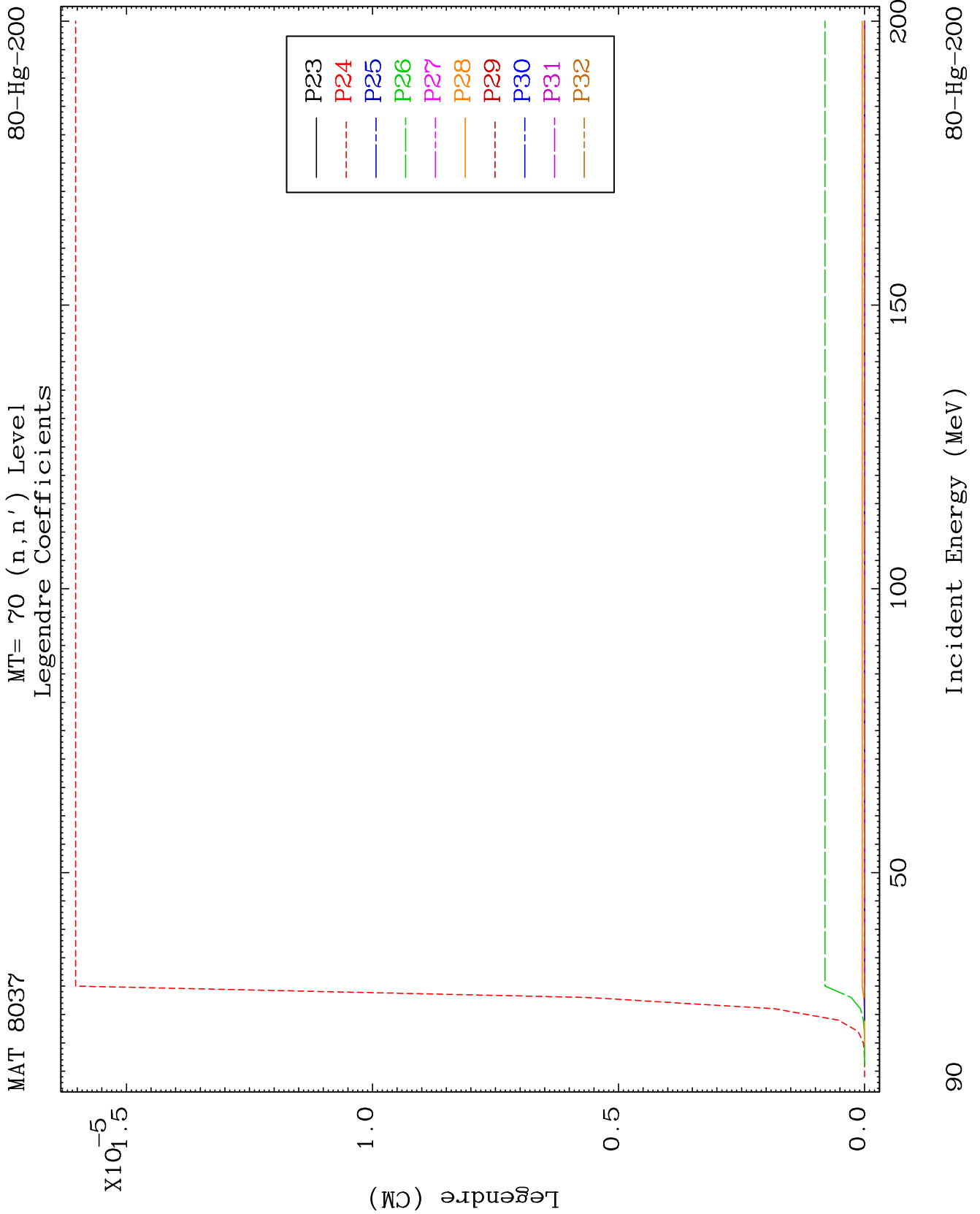
80-Hg-200



89

Incident Energy (MeV)

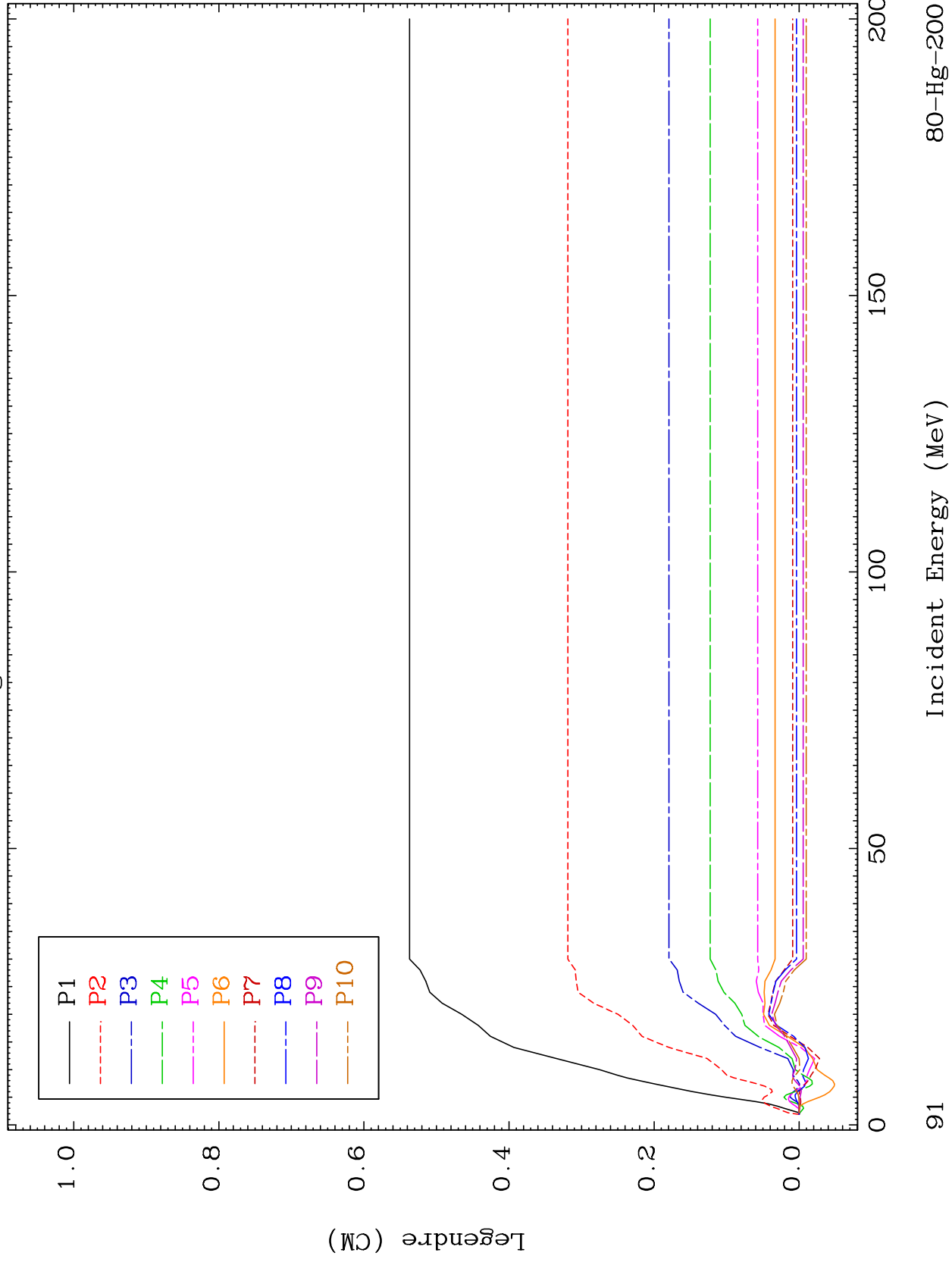
80-Hg-200



MAT 8037

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

80-Hg-200



91

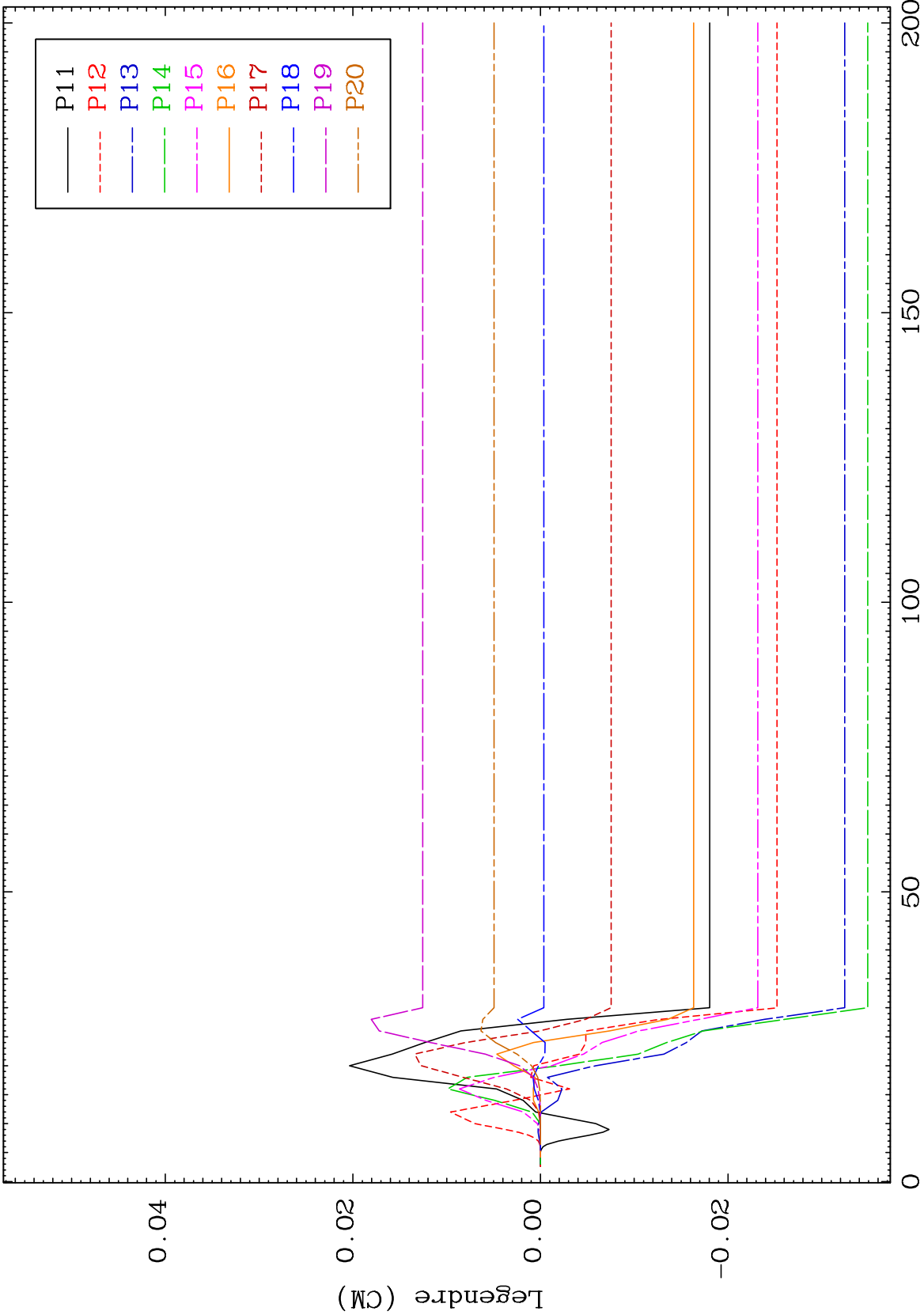
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



92

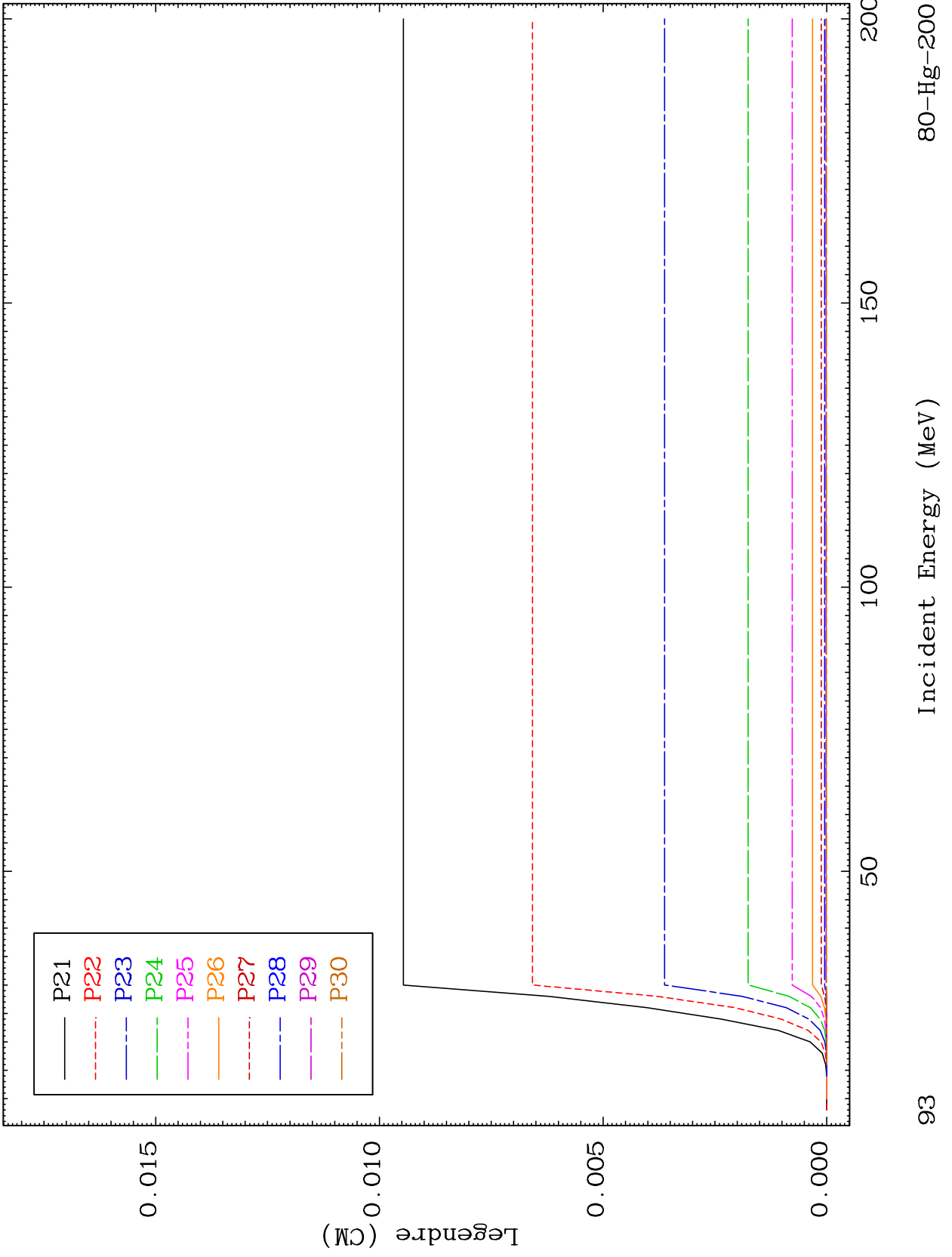
Incident Energy (MeV)

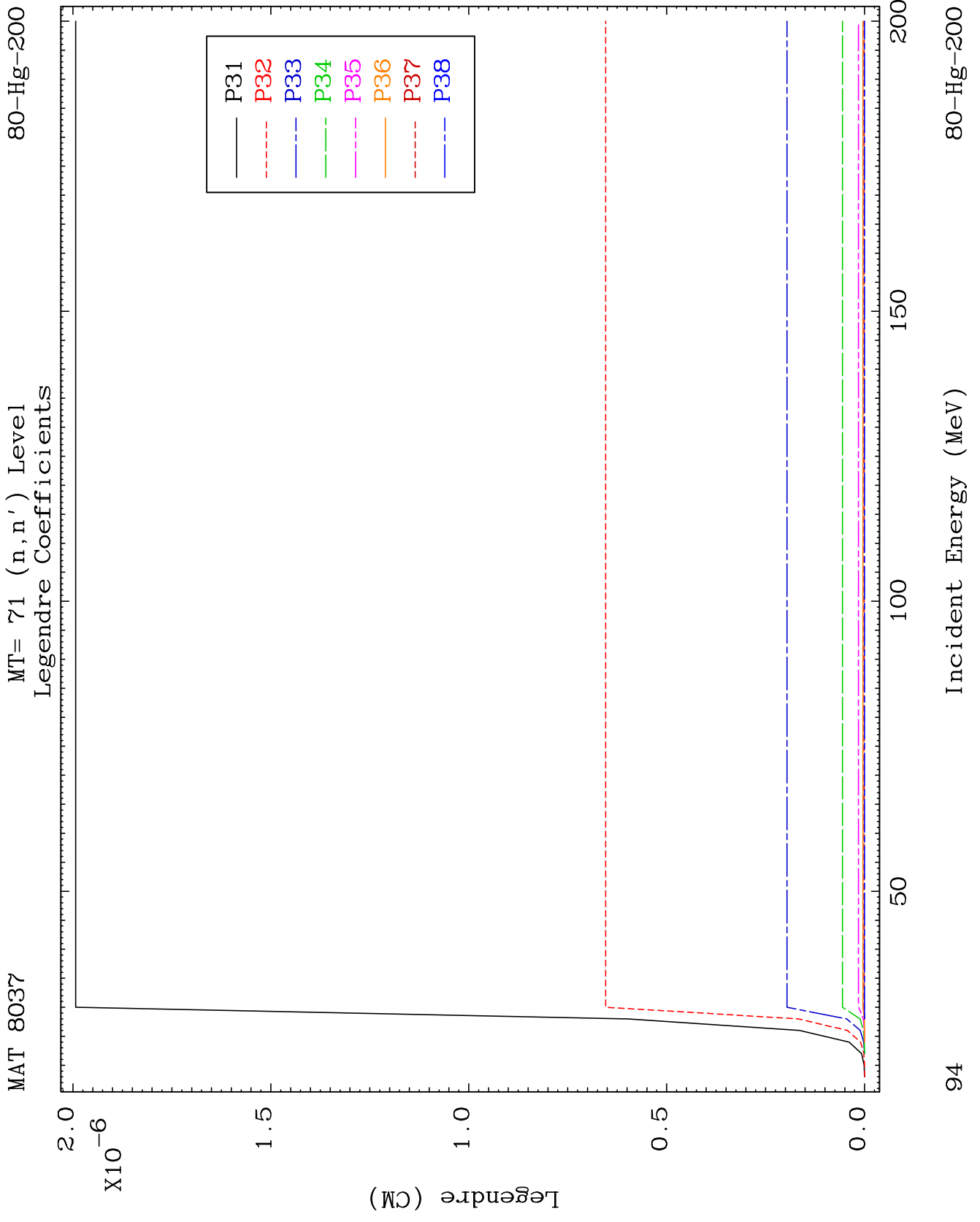
80-Hg-200

MAT 8037

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

80-Hg-200

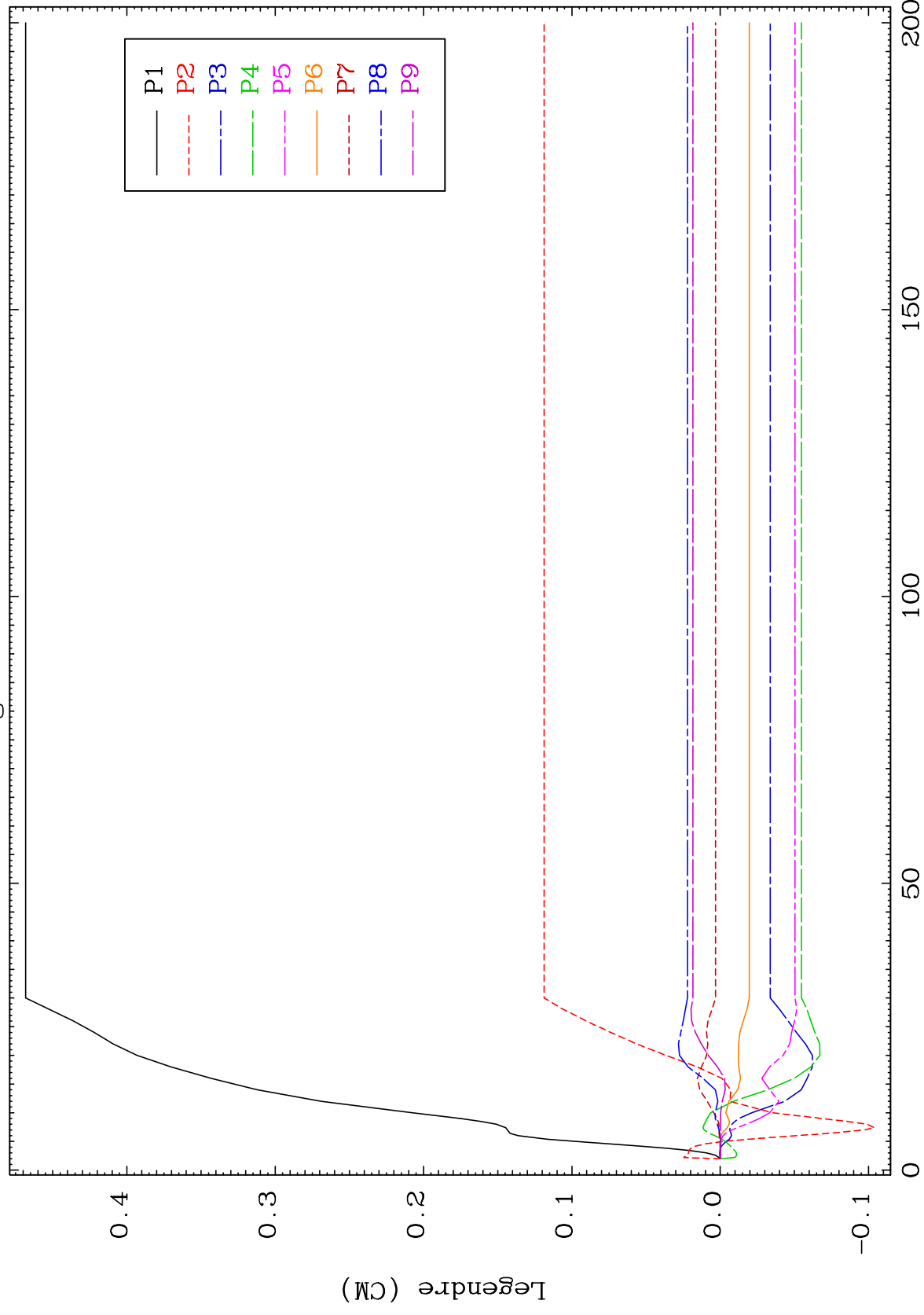




MAT 8037

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

80-Hg-200



80-Hg-200

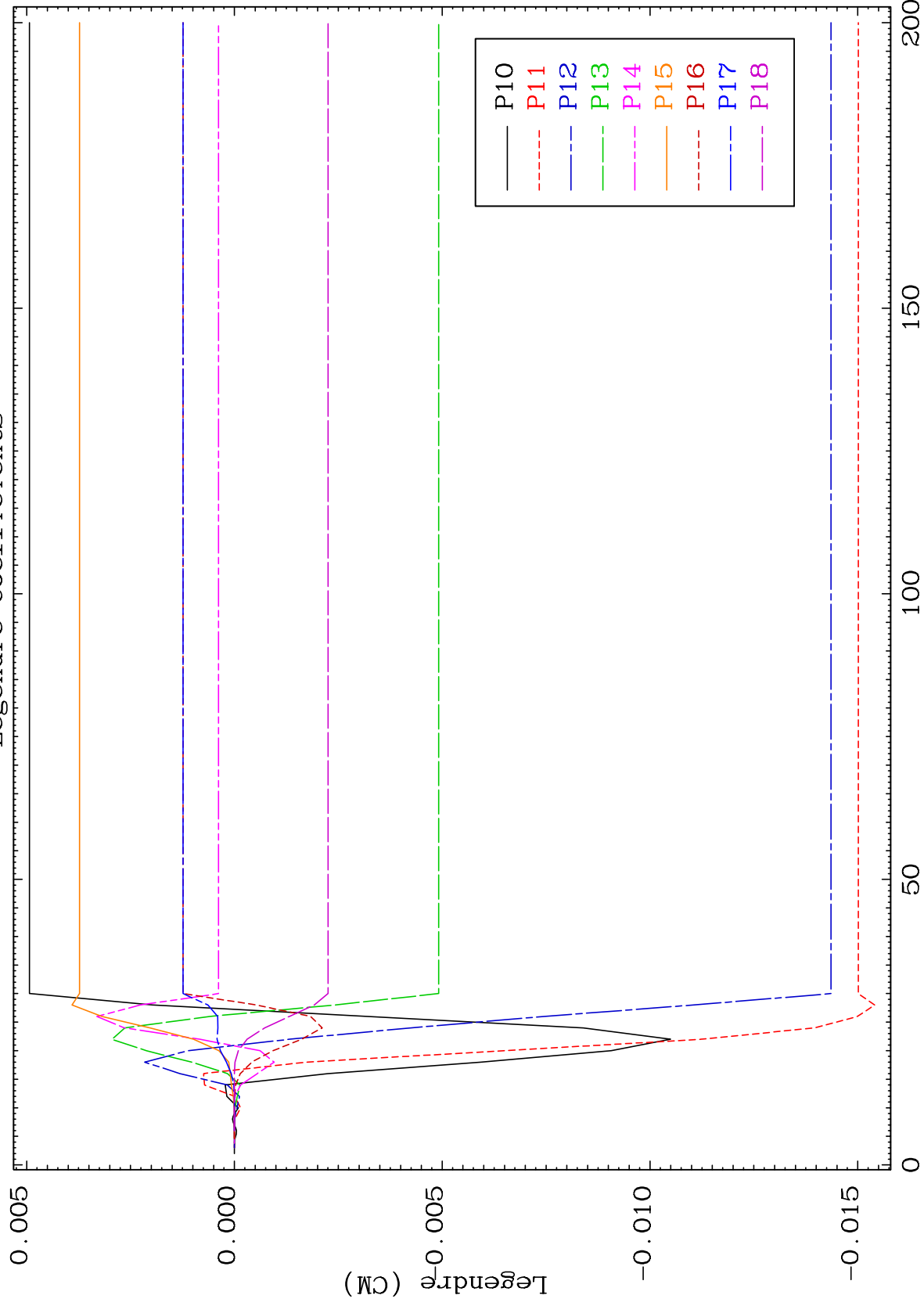
Incident Energy (MeV)

95

MAT 8037

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

80-Hg-200



96

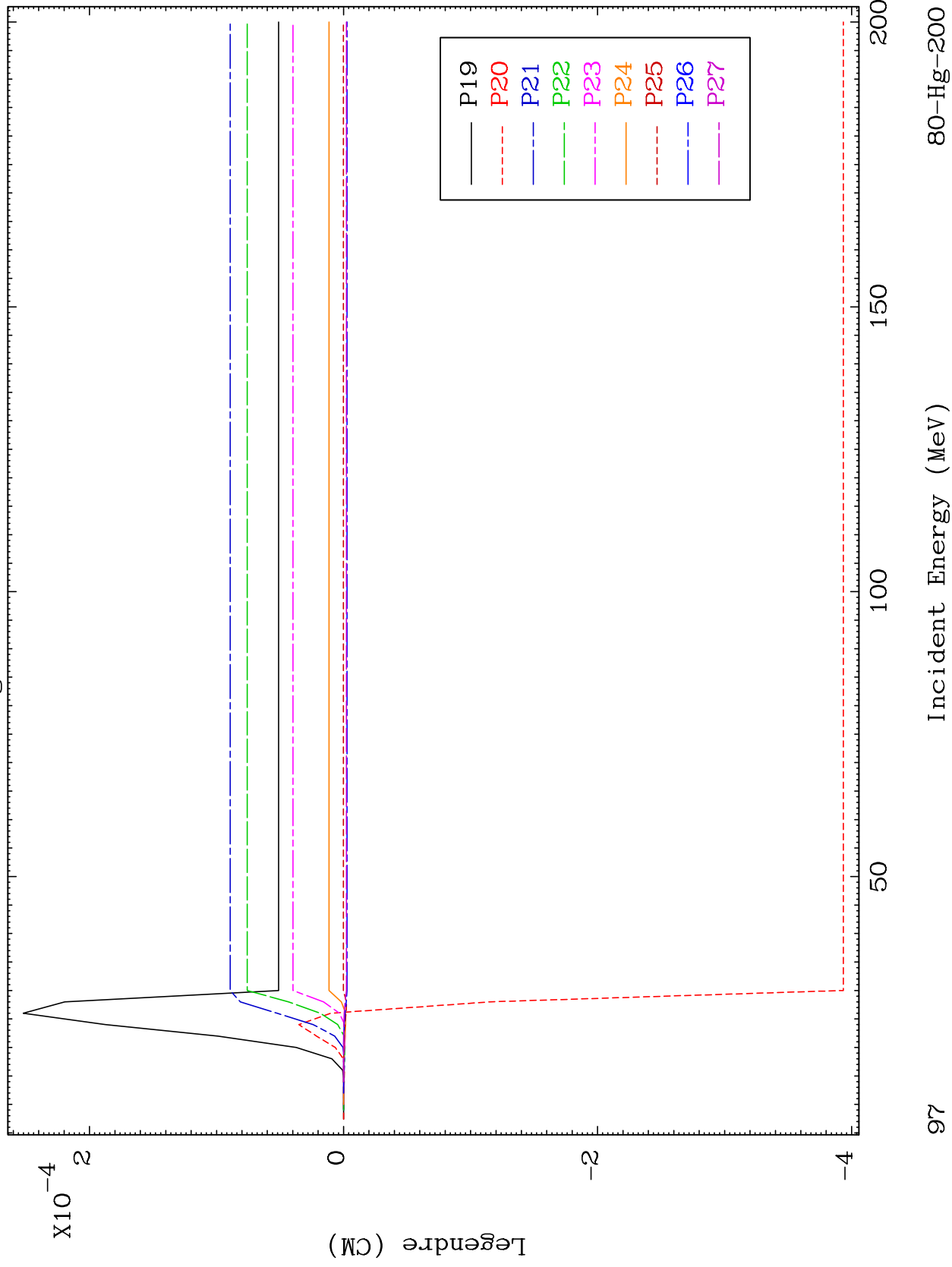
Incident Energy (MeV)

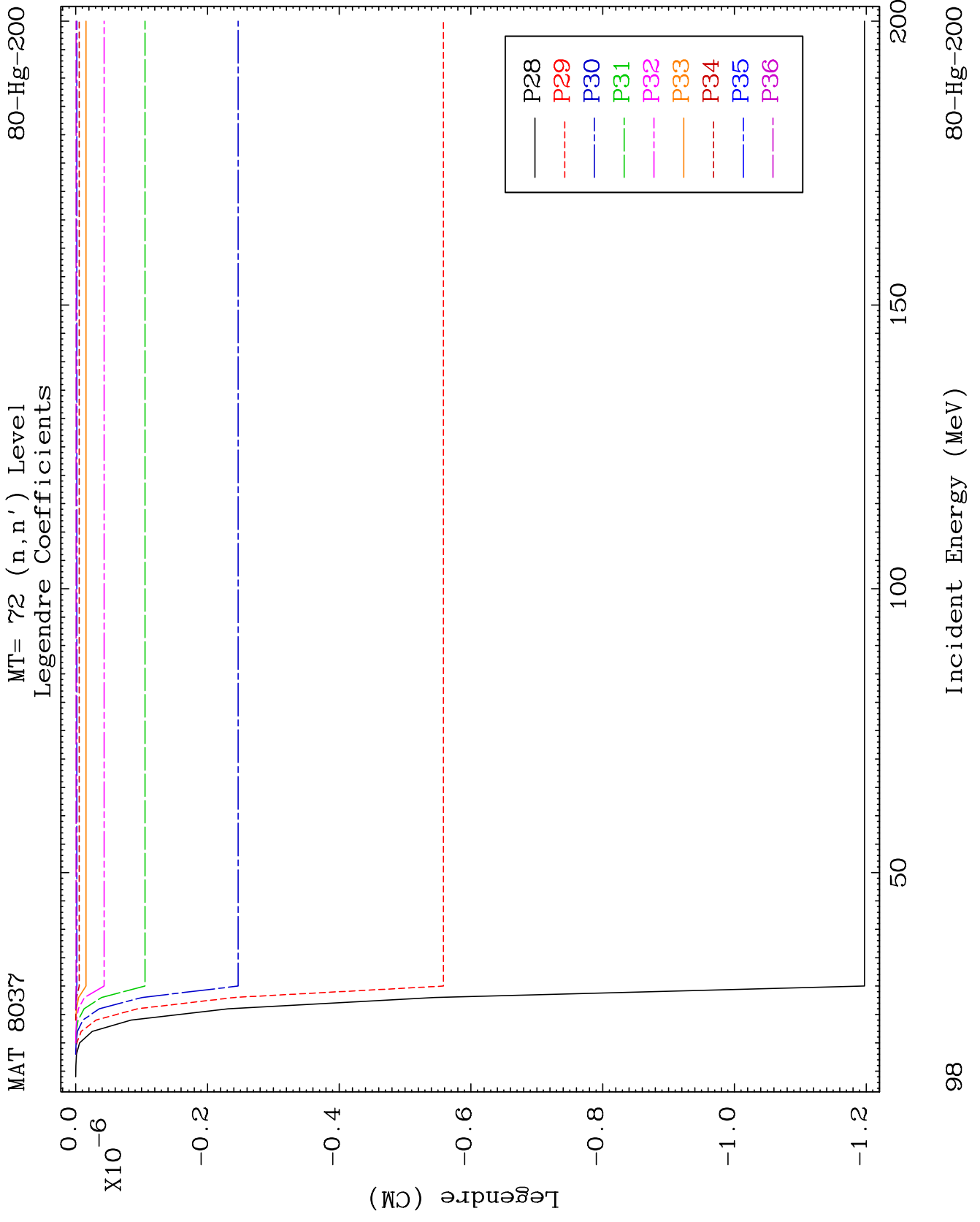
80-Hg-200

MAT 8037

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

80-Hg-200

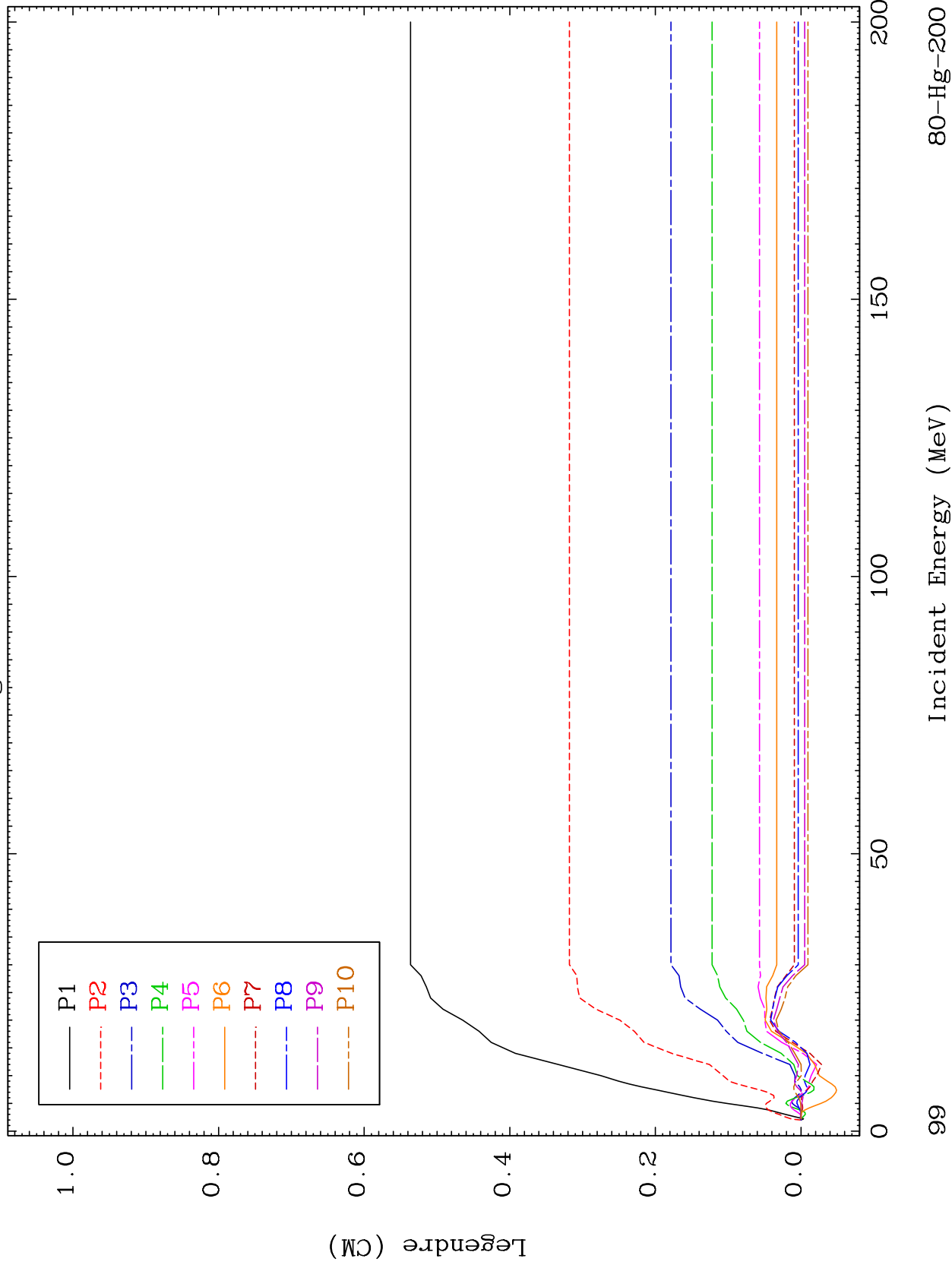




MAT 8037

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

80-Hg-200

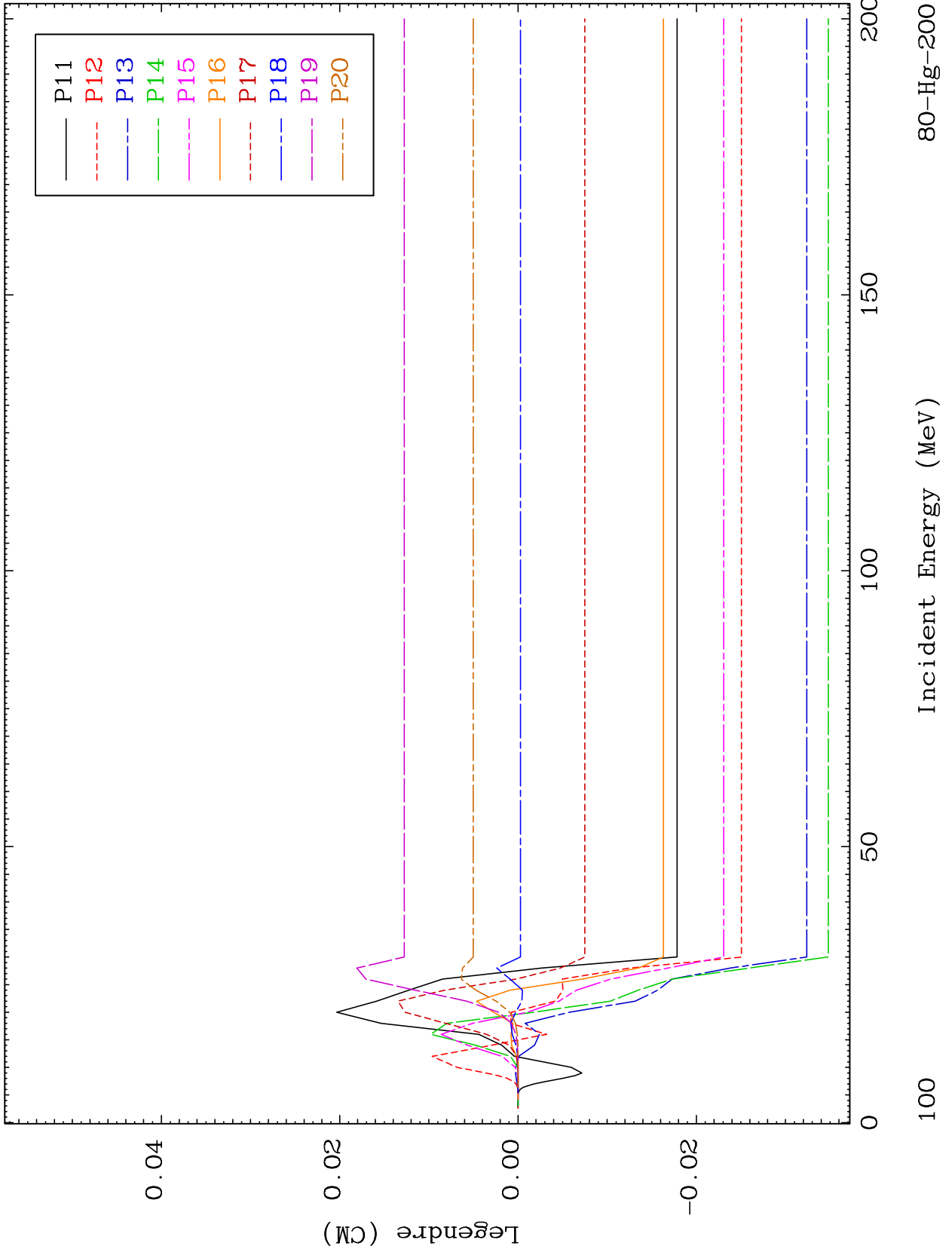


99

MAT 8037

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

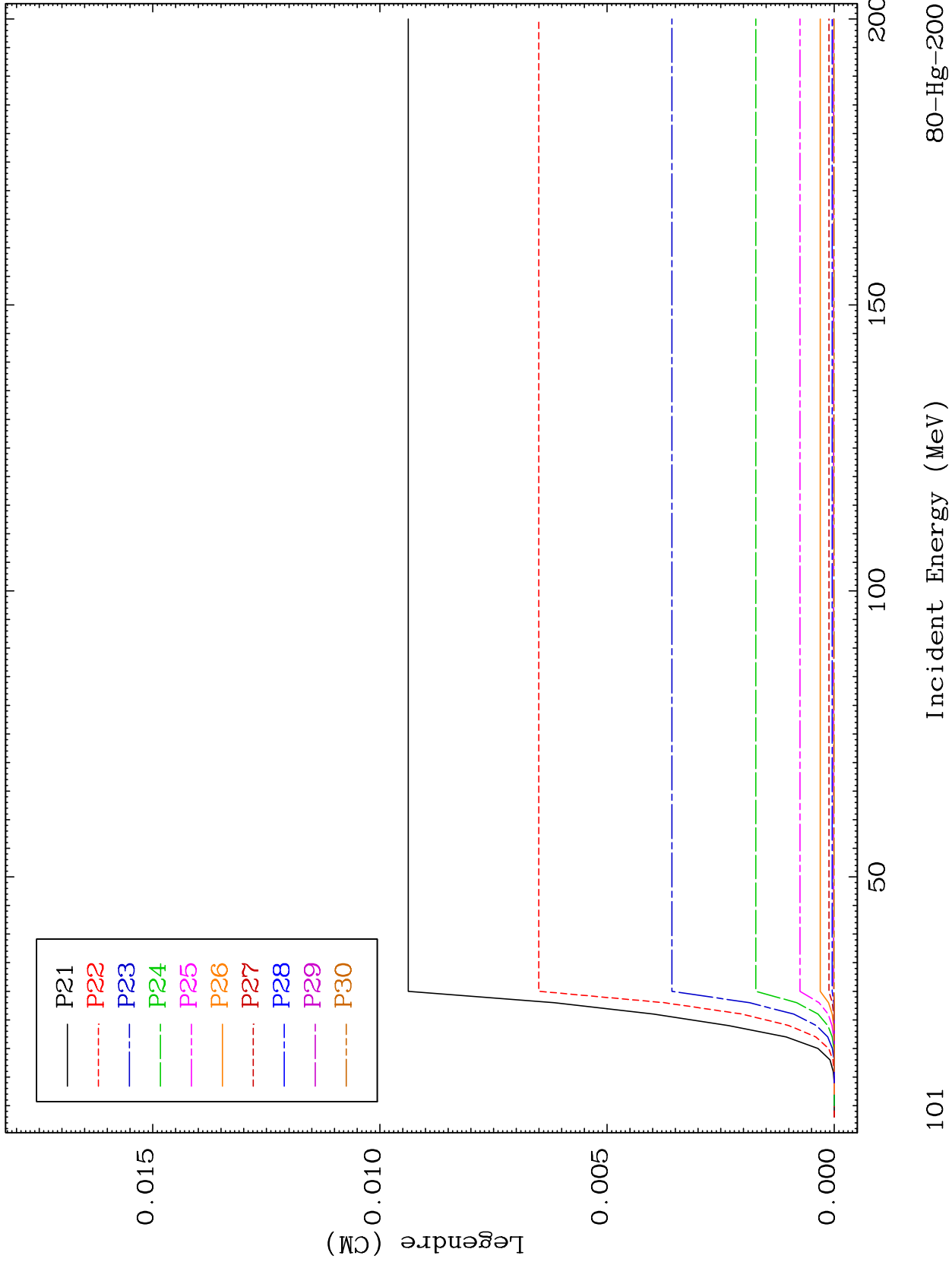
80-Hg-200



MAT 8037

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

80-Hg-200



101

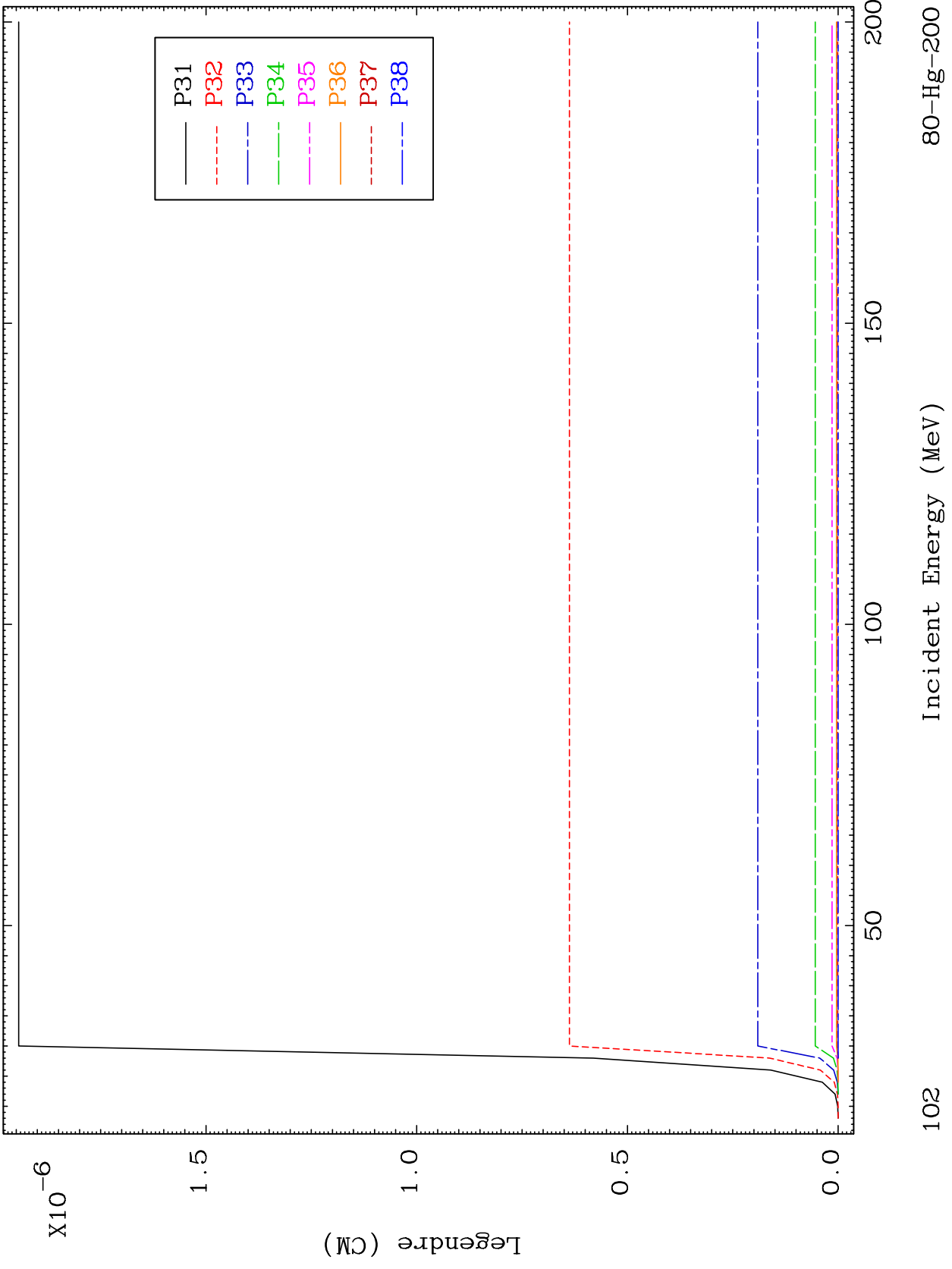
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

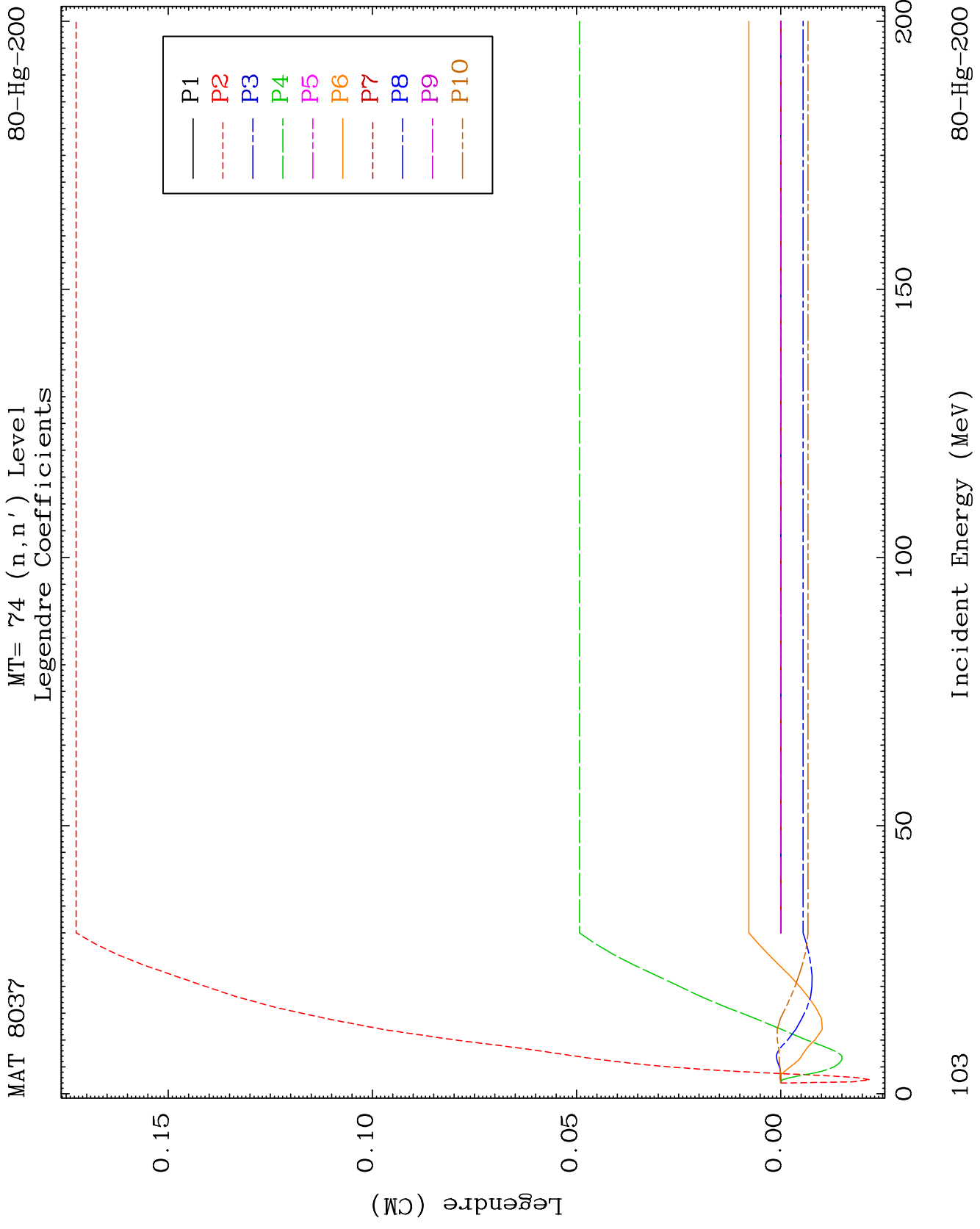
80-Hg-200

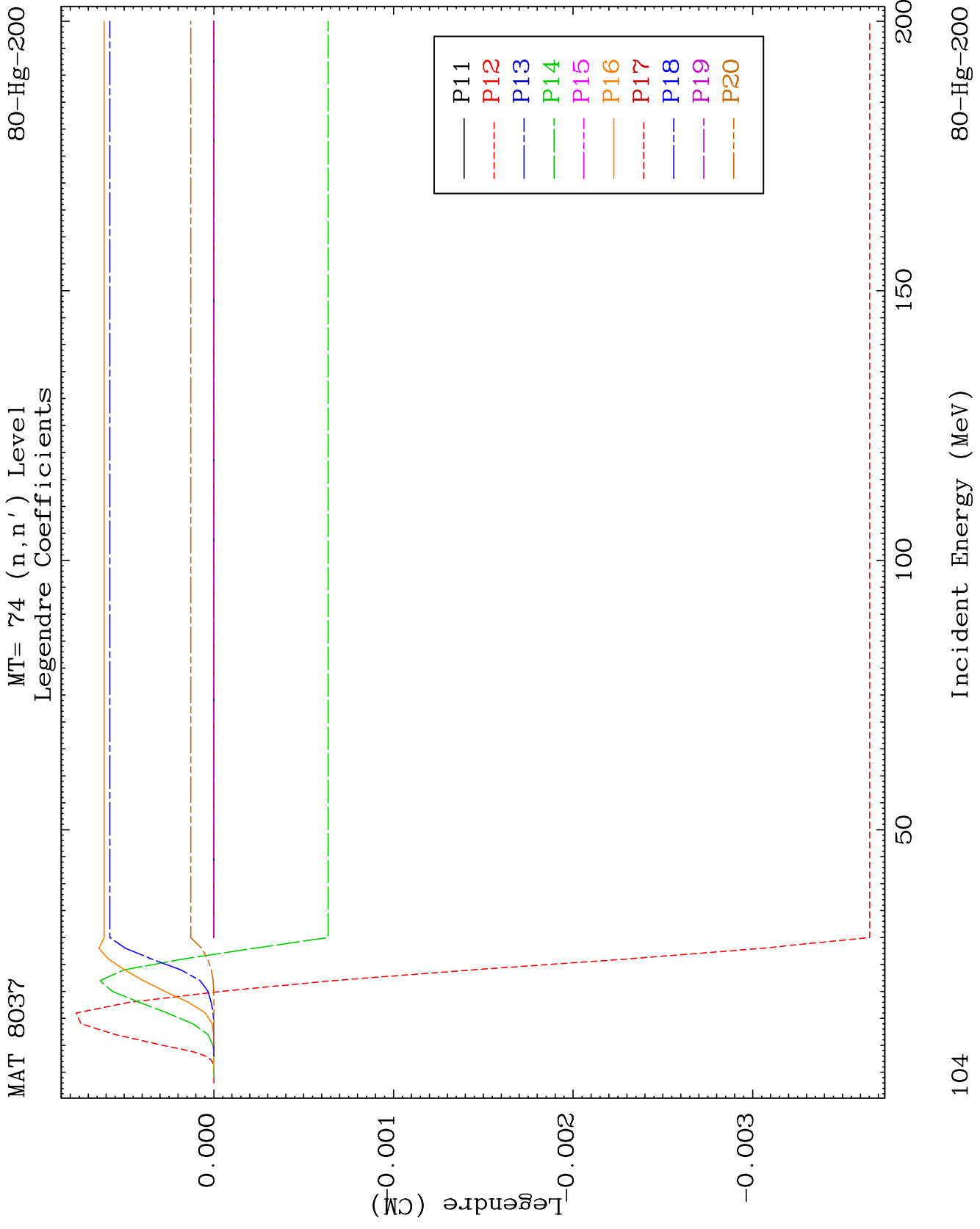


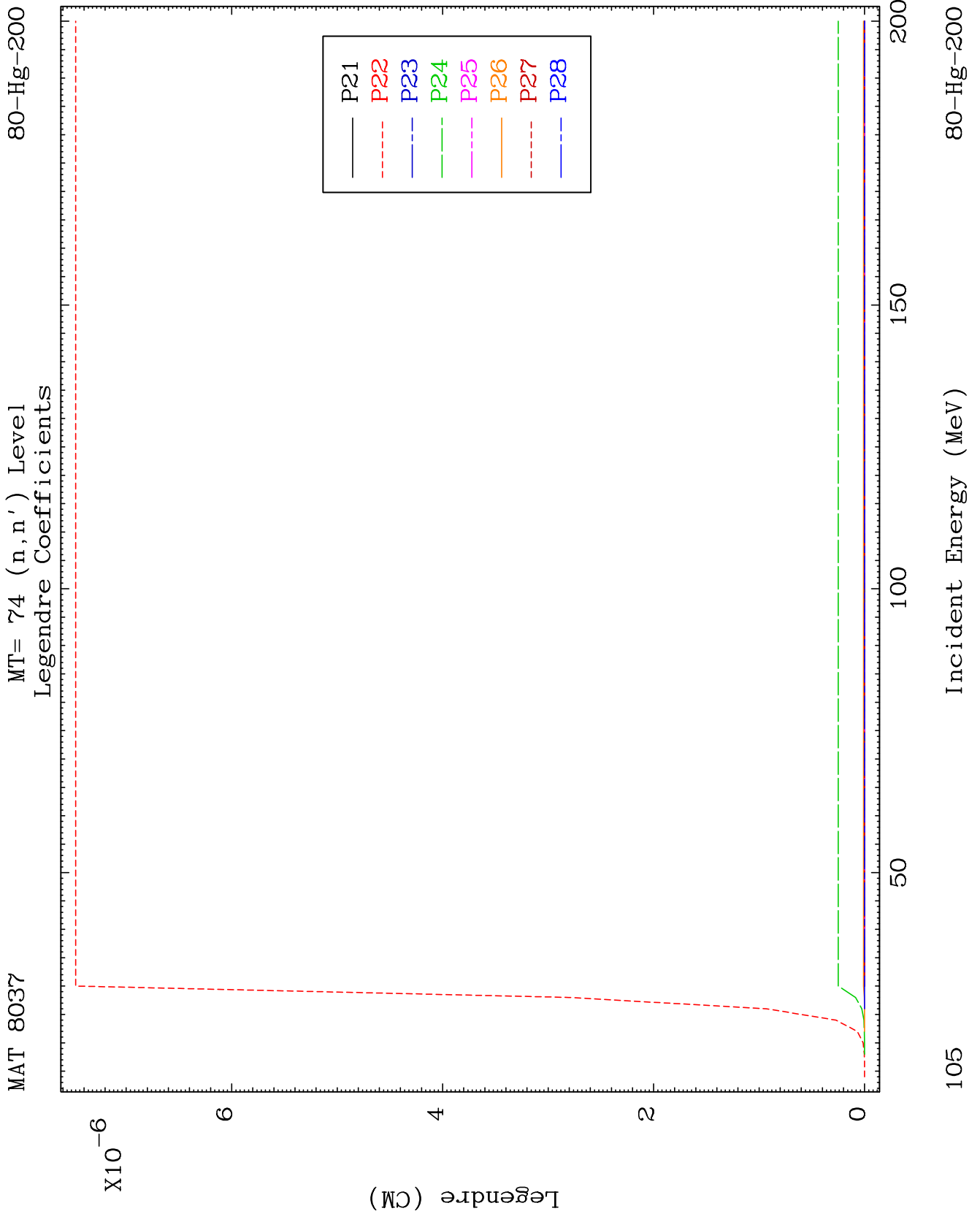
102

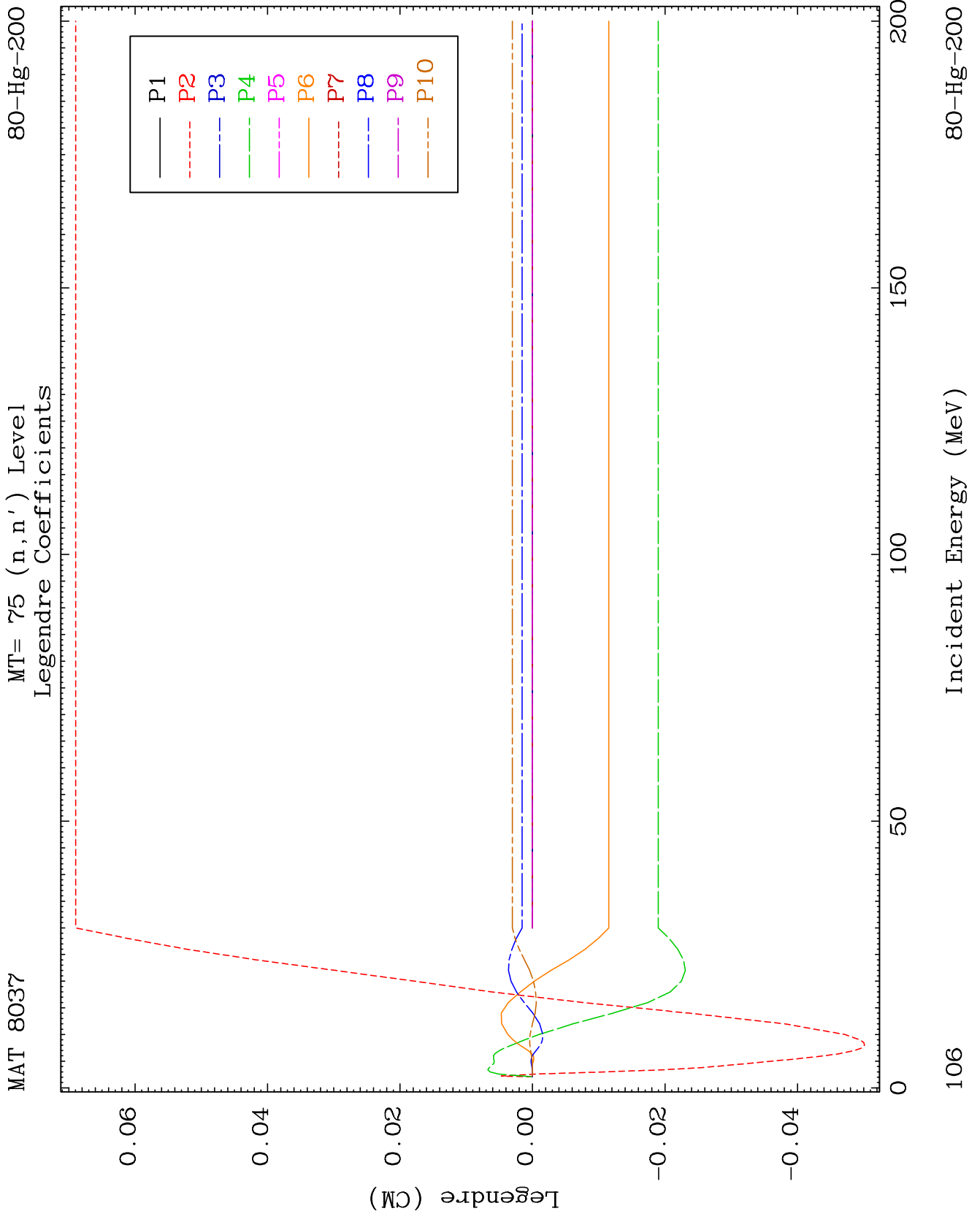
Incident Energy (MeV)

80-Hg-200





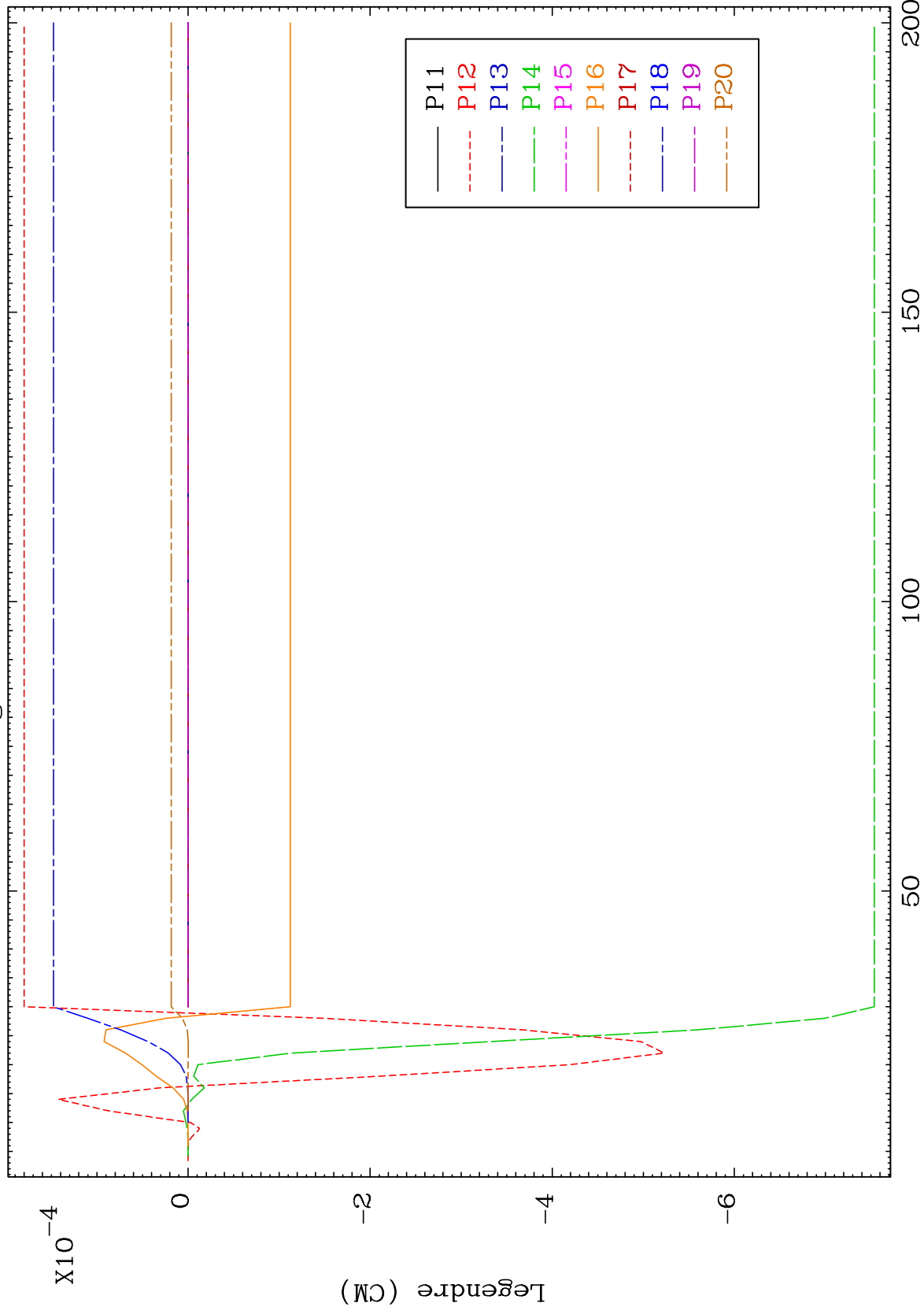




MAT 8037

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

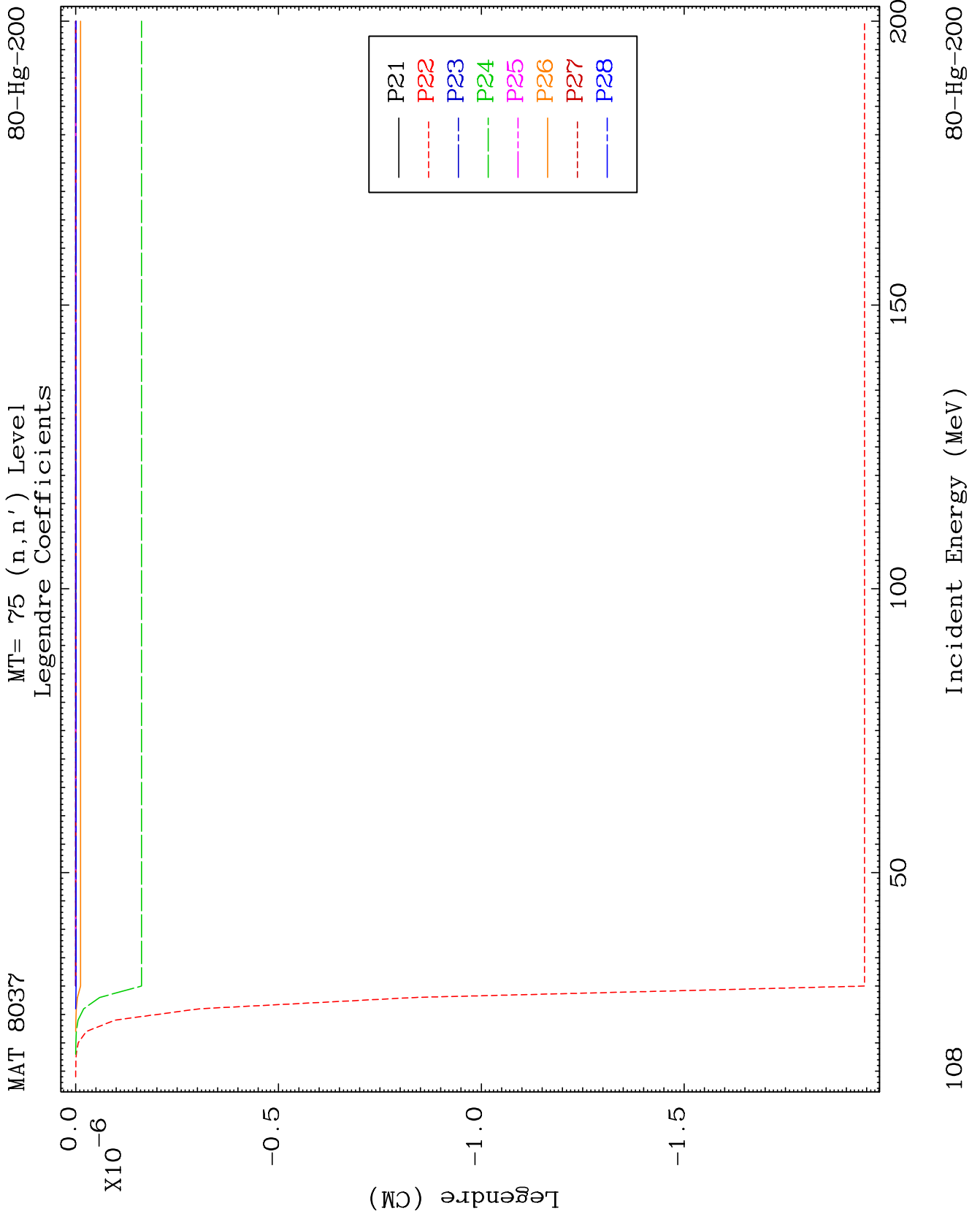
80-Hg-200

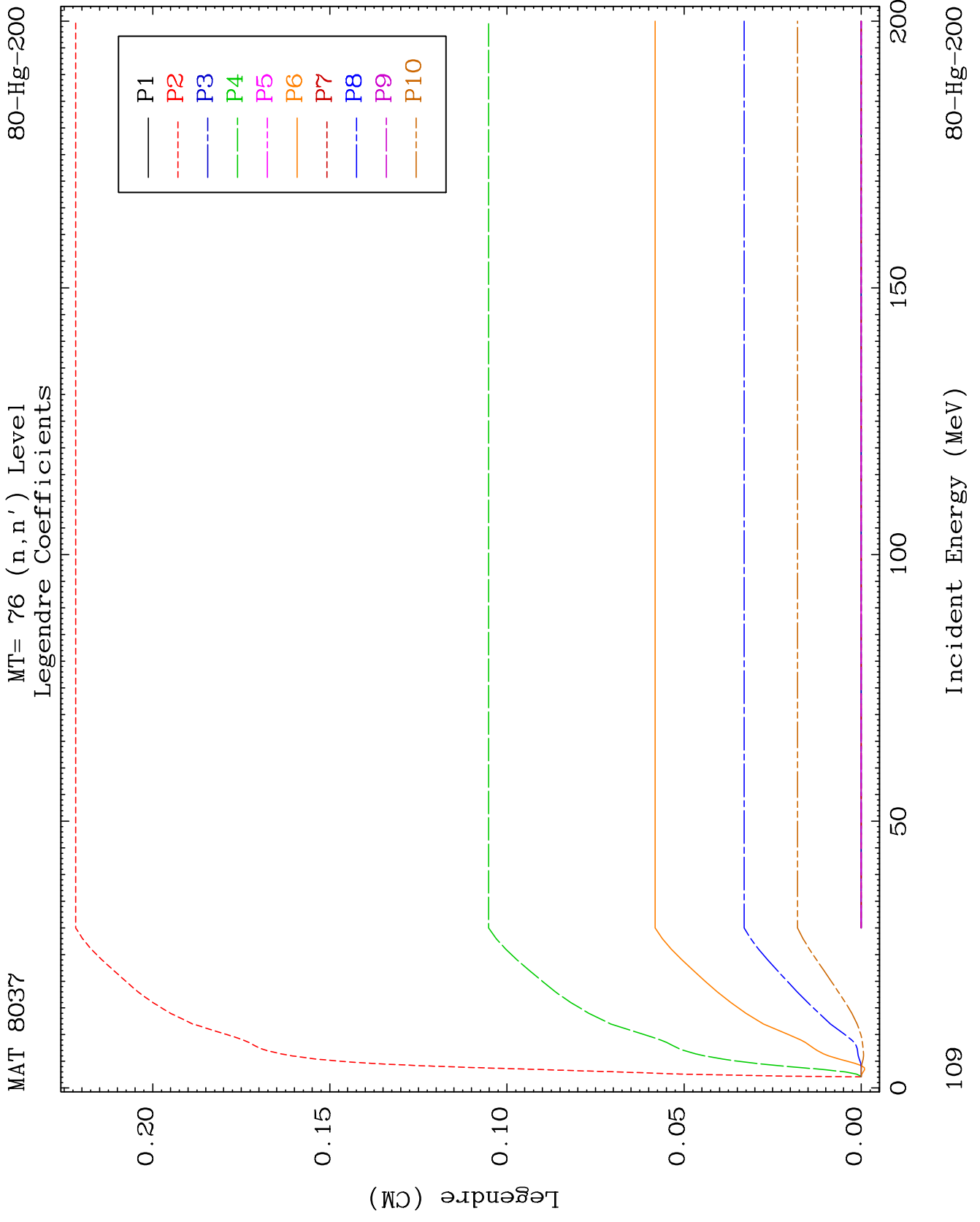


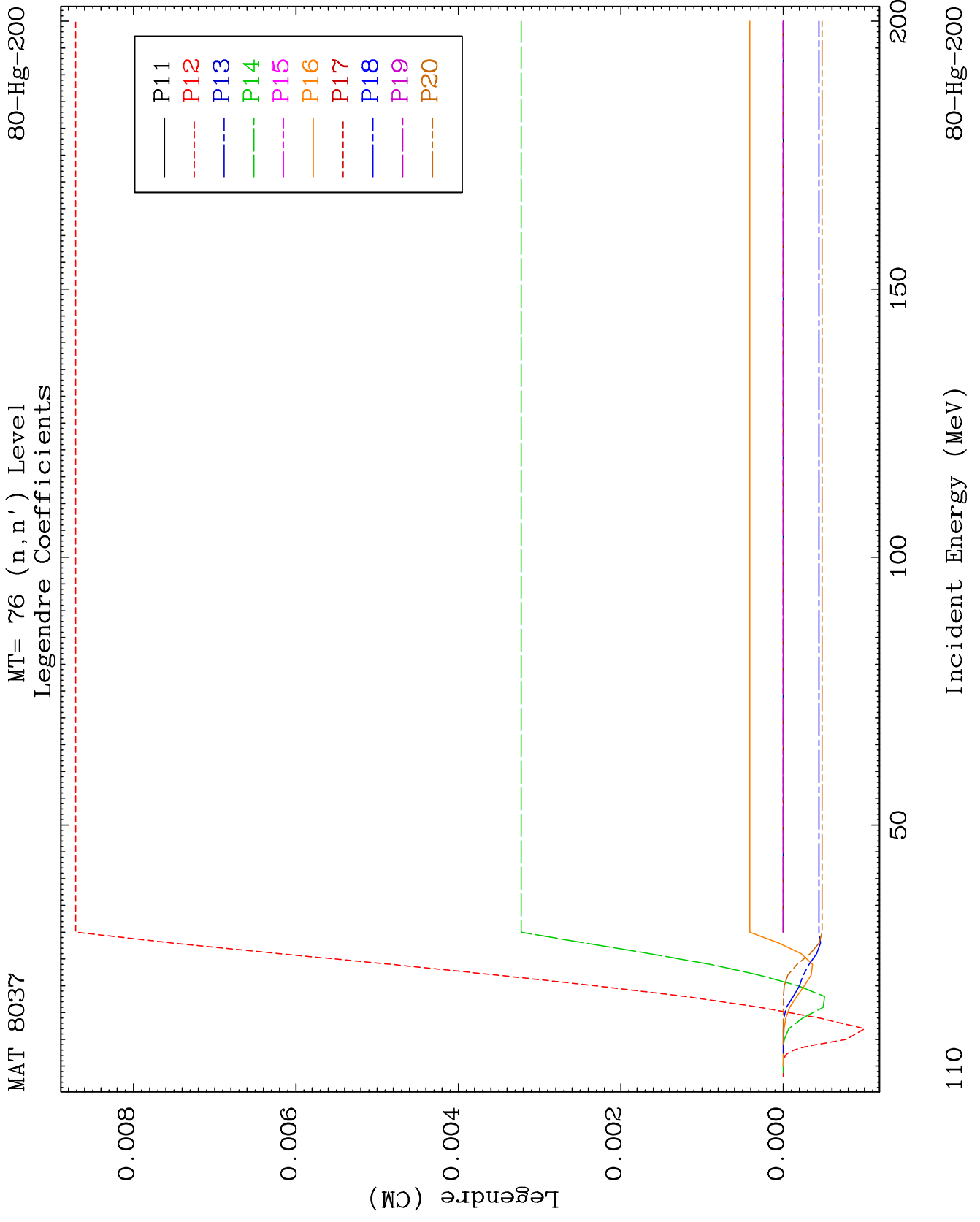
107

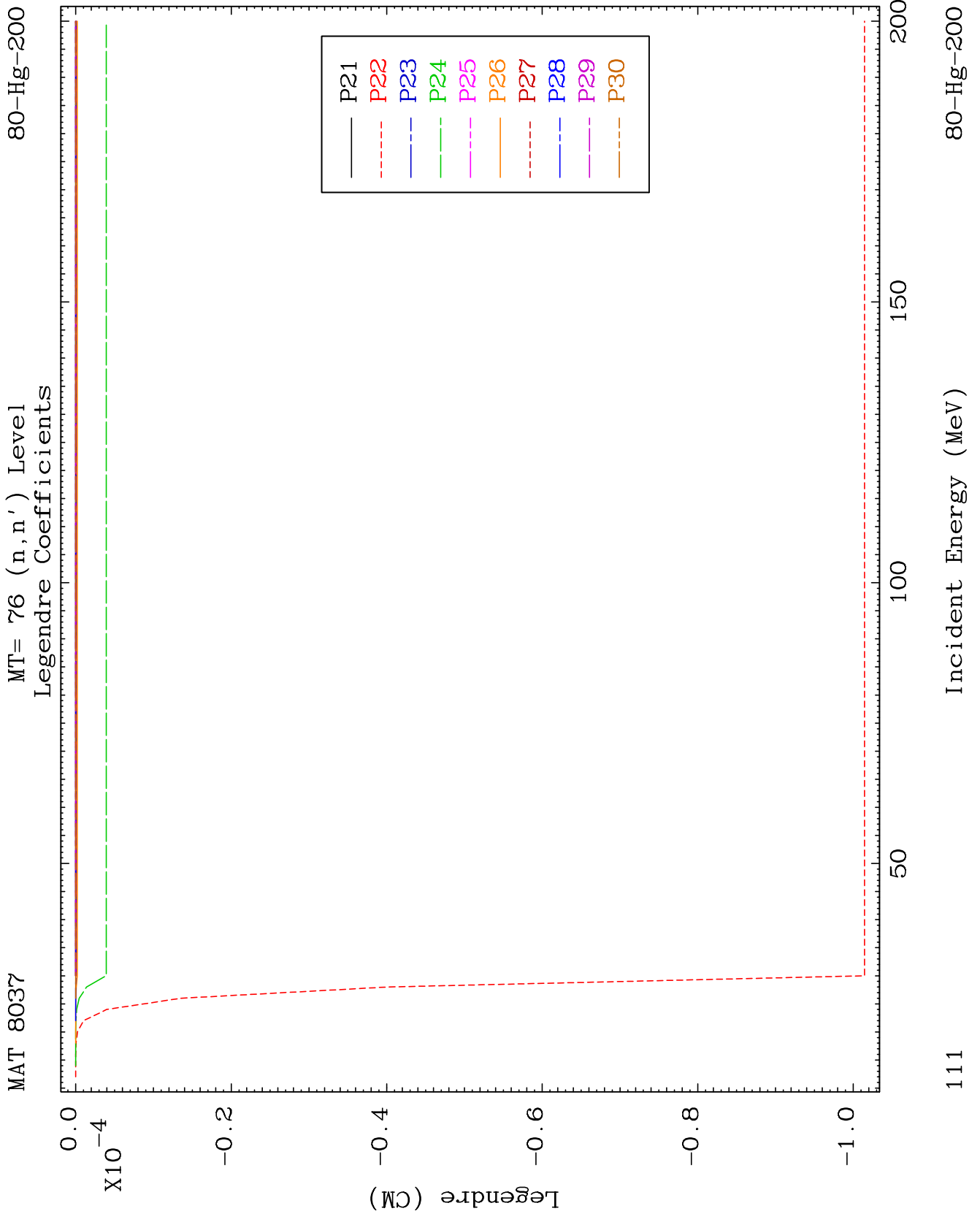
Incident Energy (MeV)

80-Hg-200





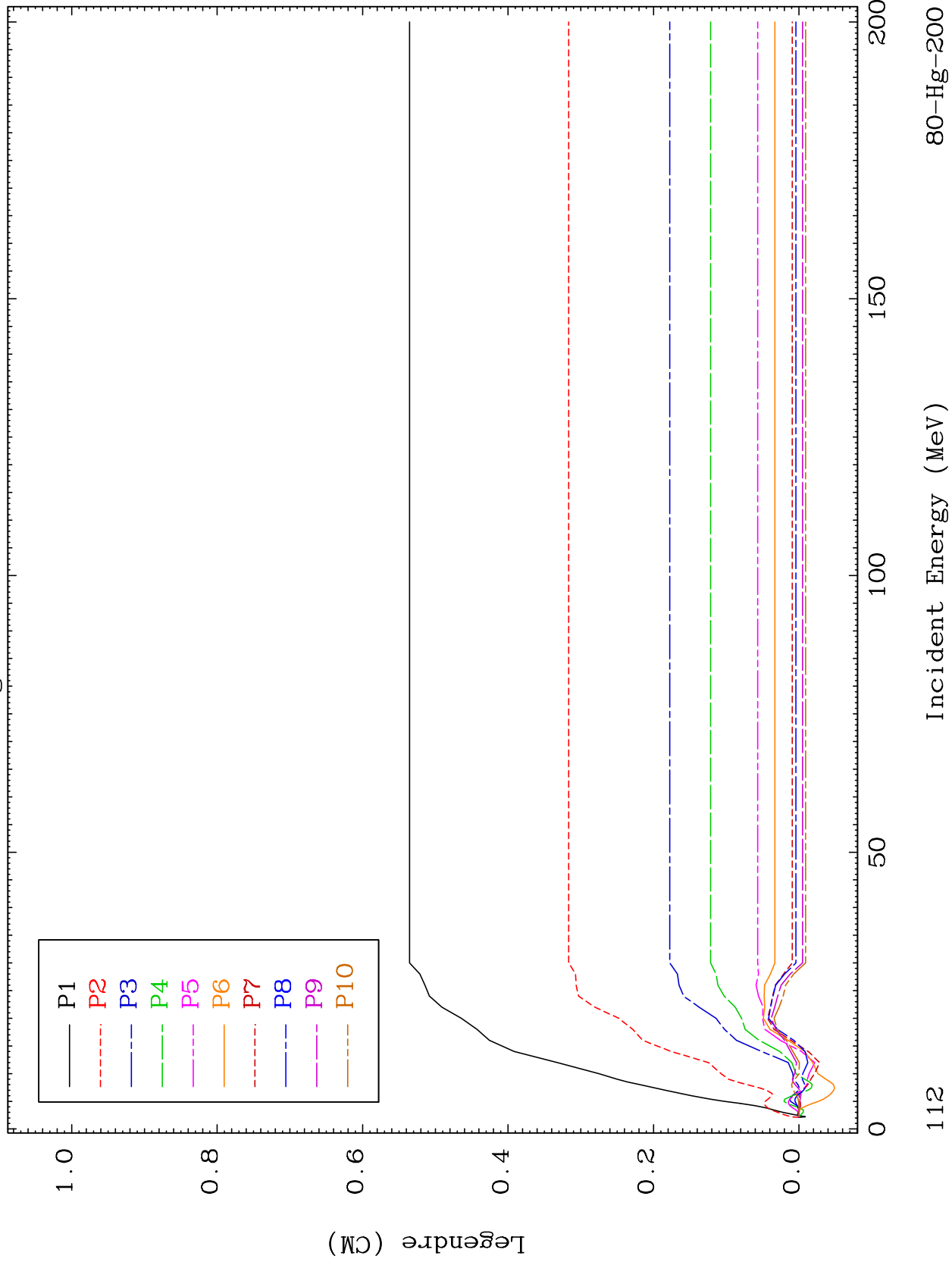




MAT 8037

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

80-Hg-200



112

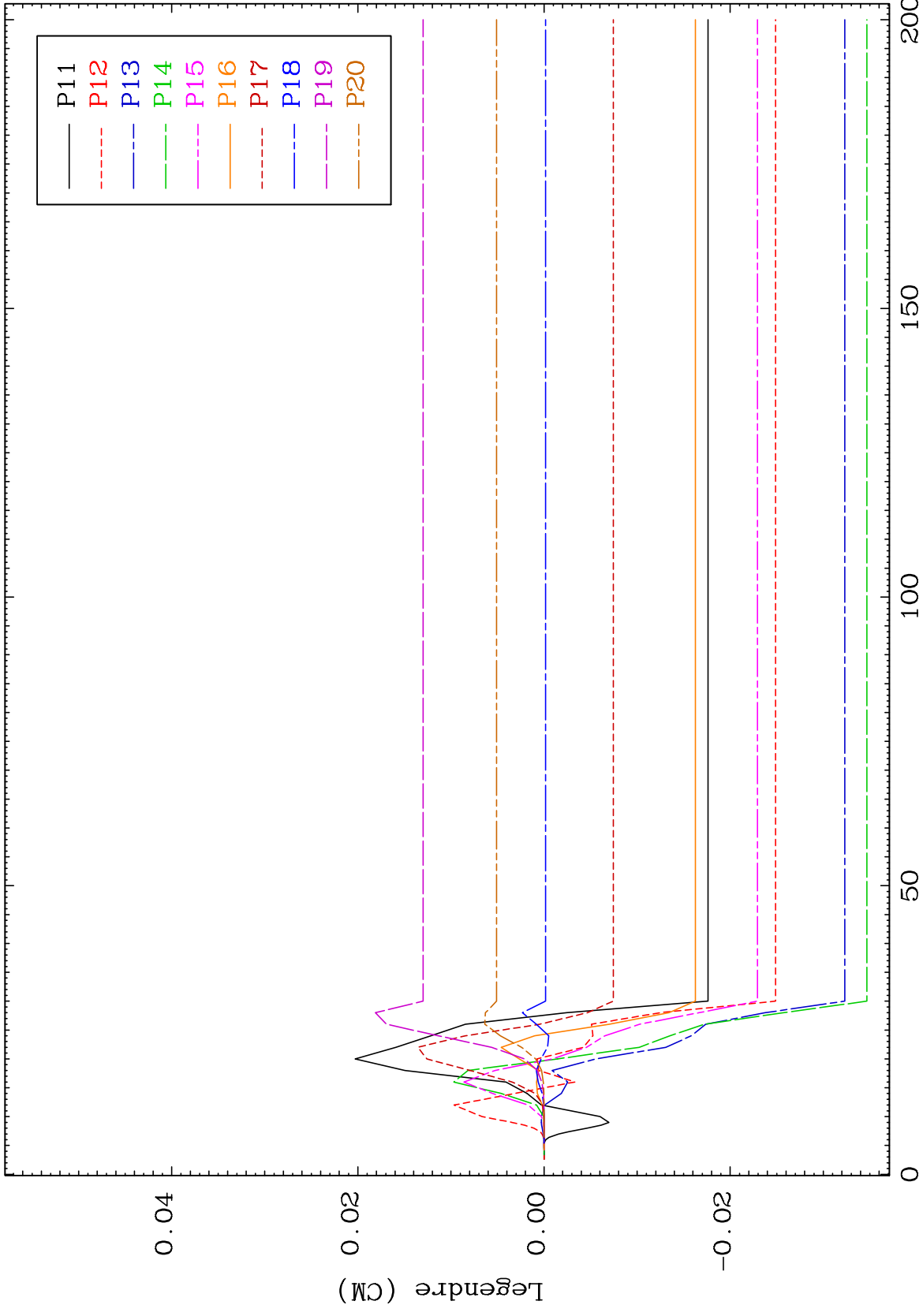
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



113

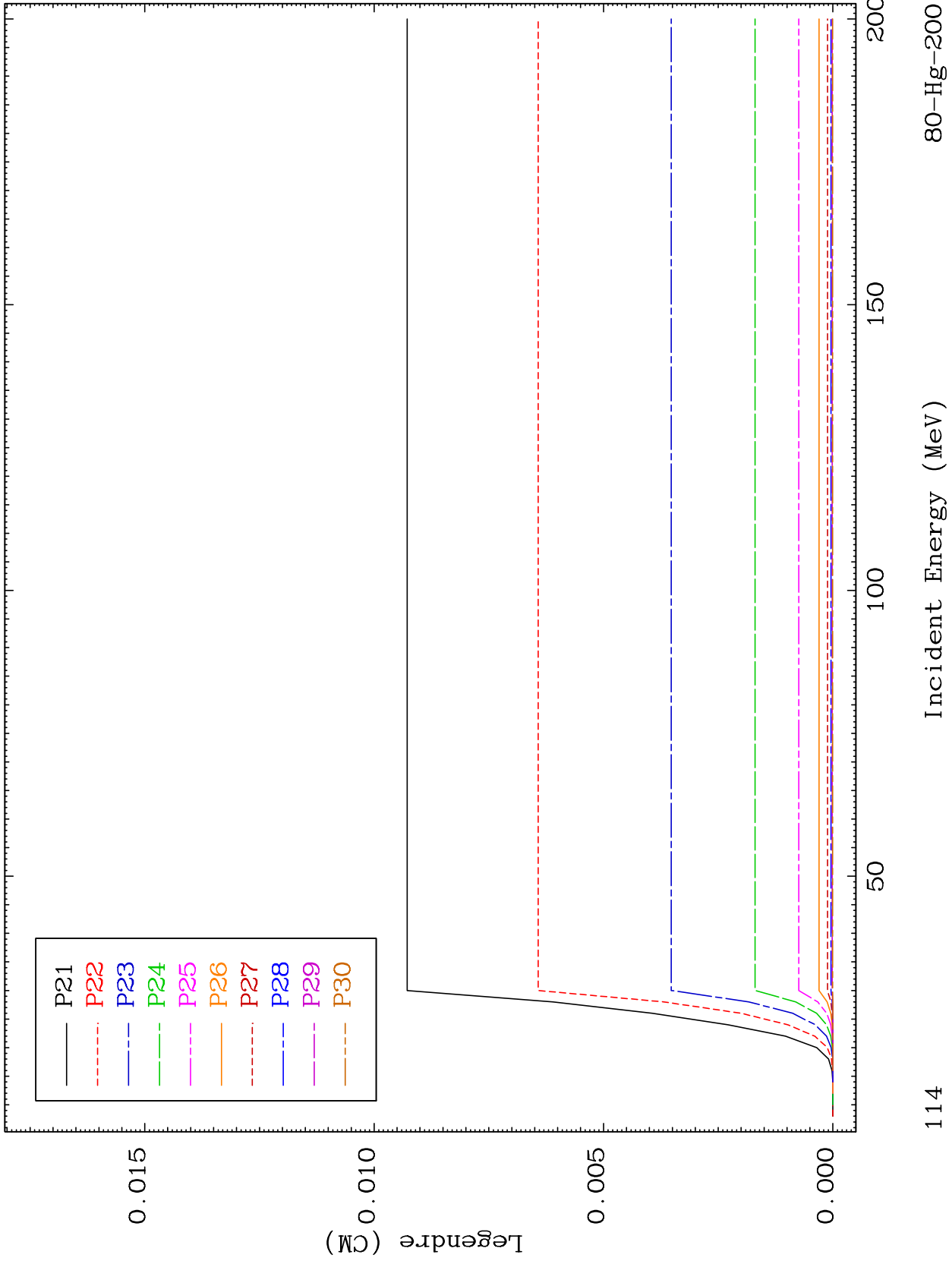
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

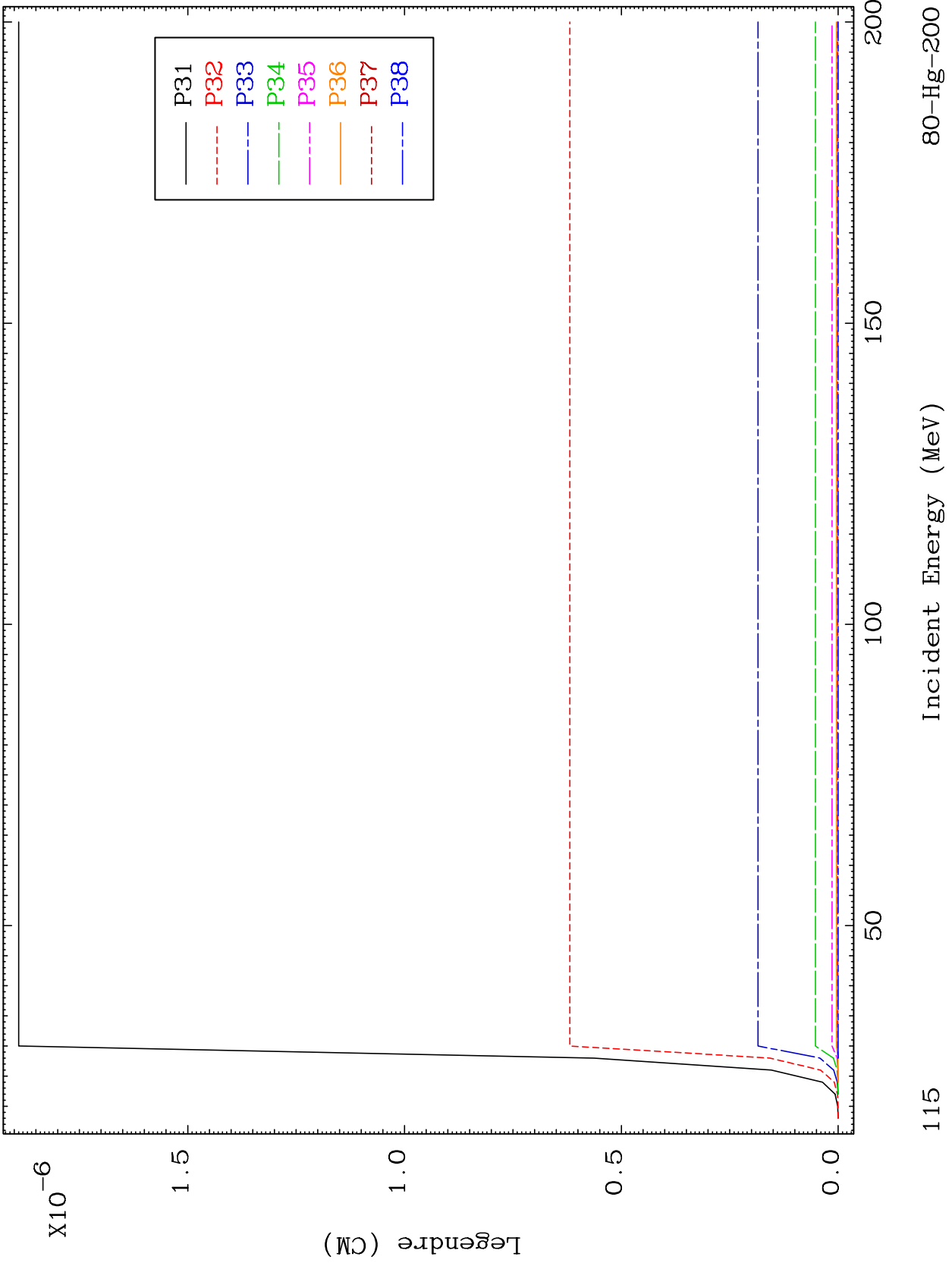
80-Hg-200

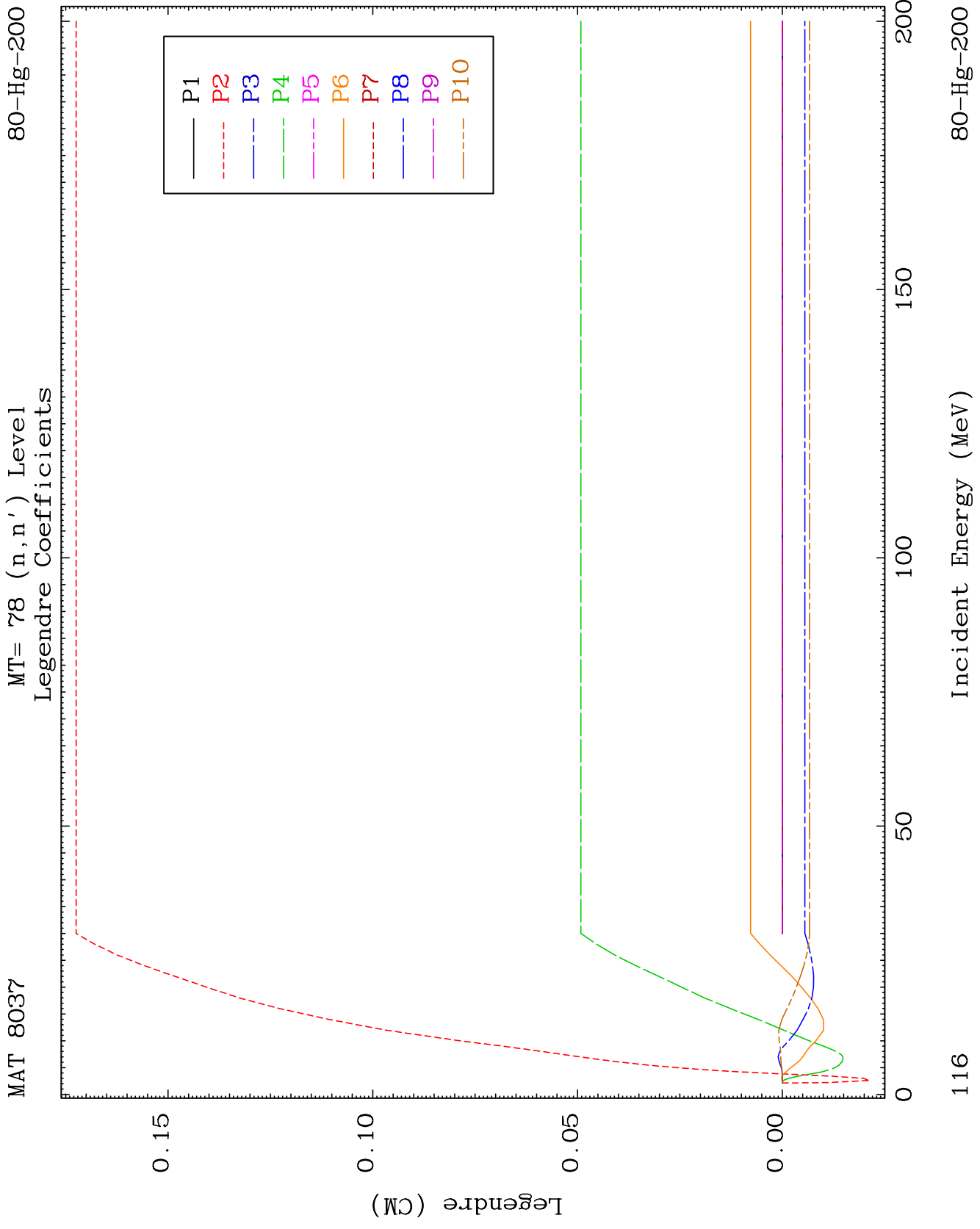


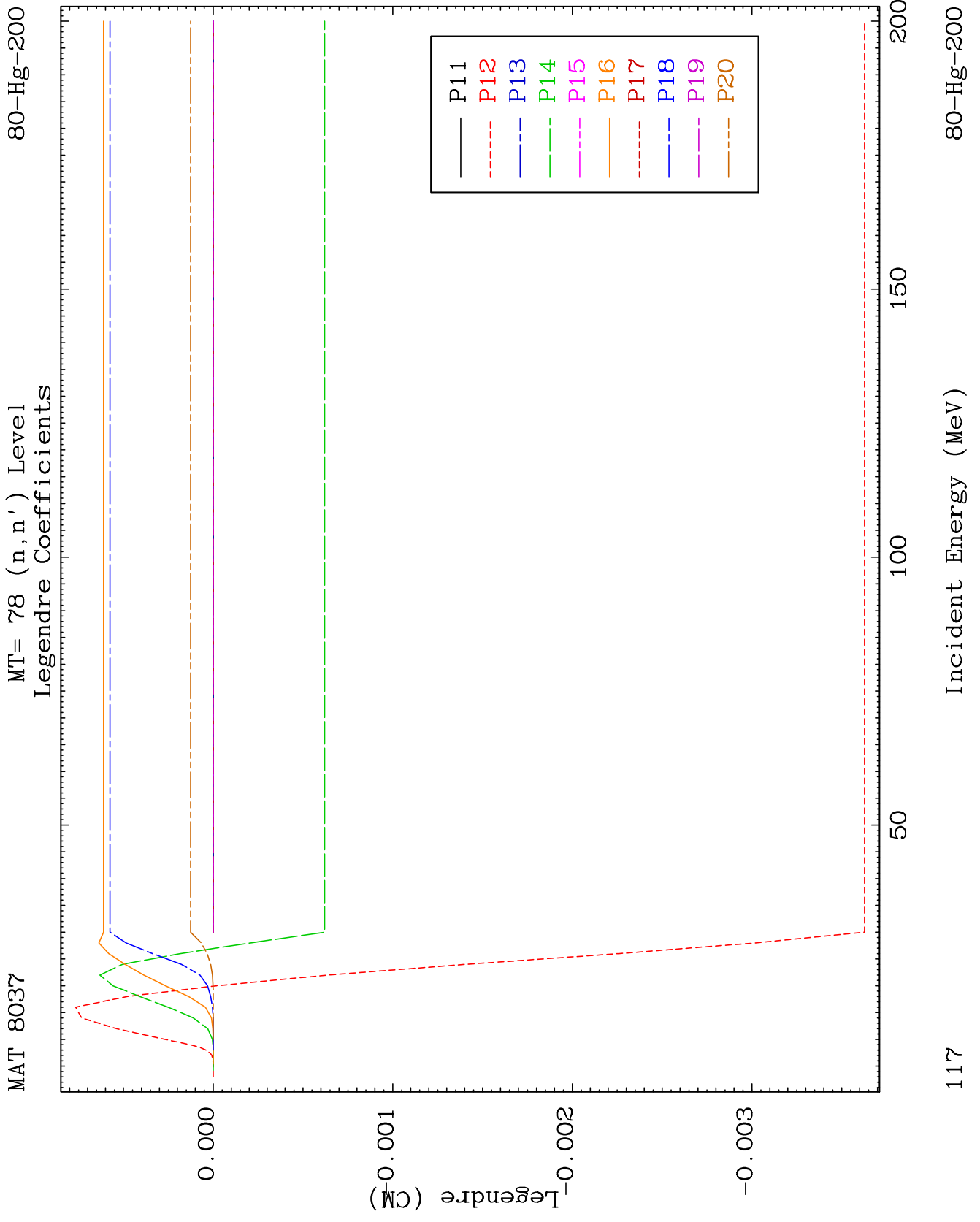
MAT 8037

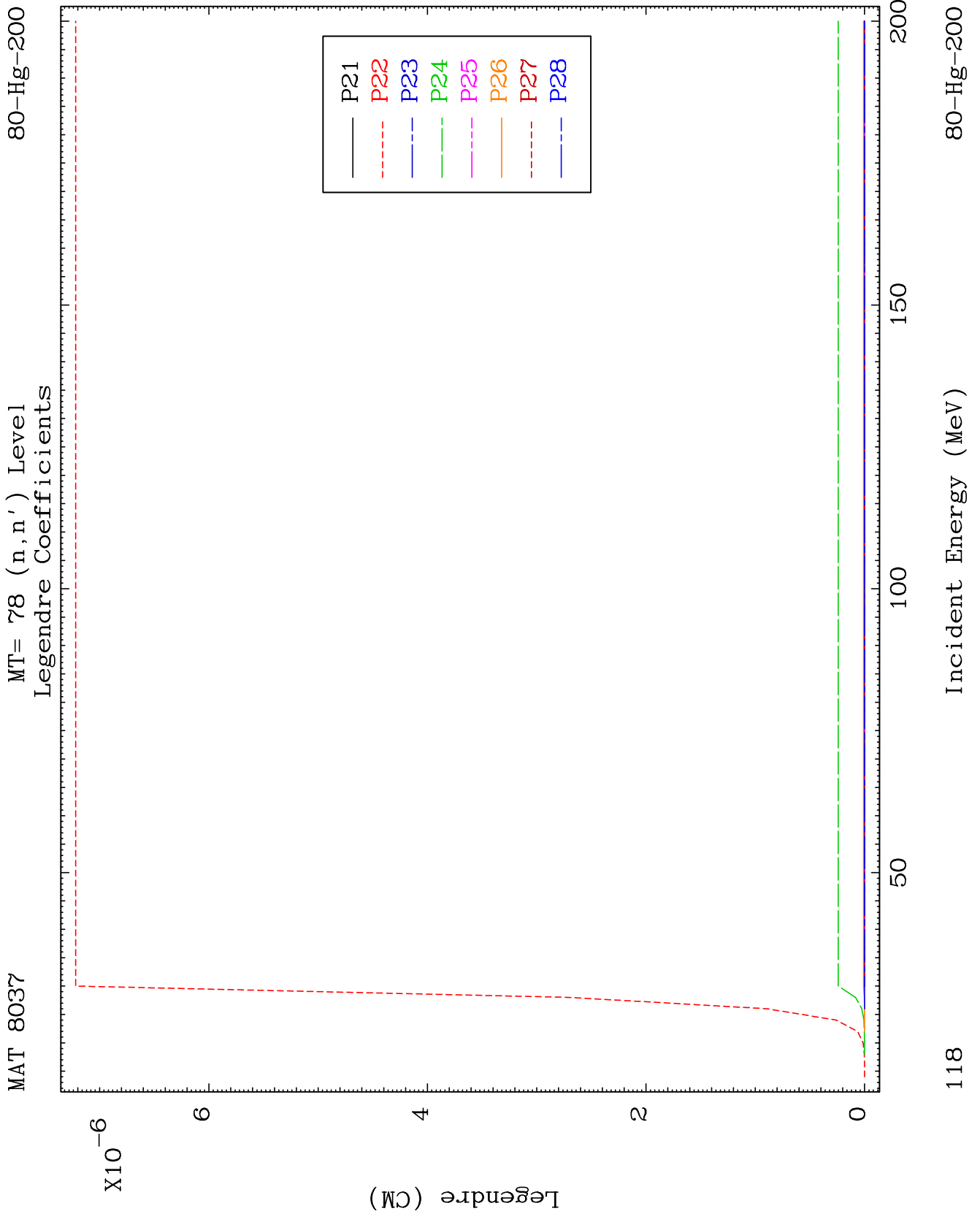
MT= 77 (n,n') Level
Legendre Coefficients

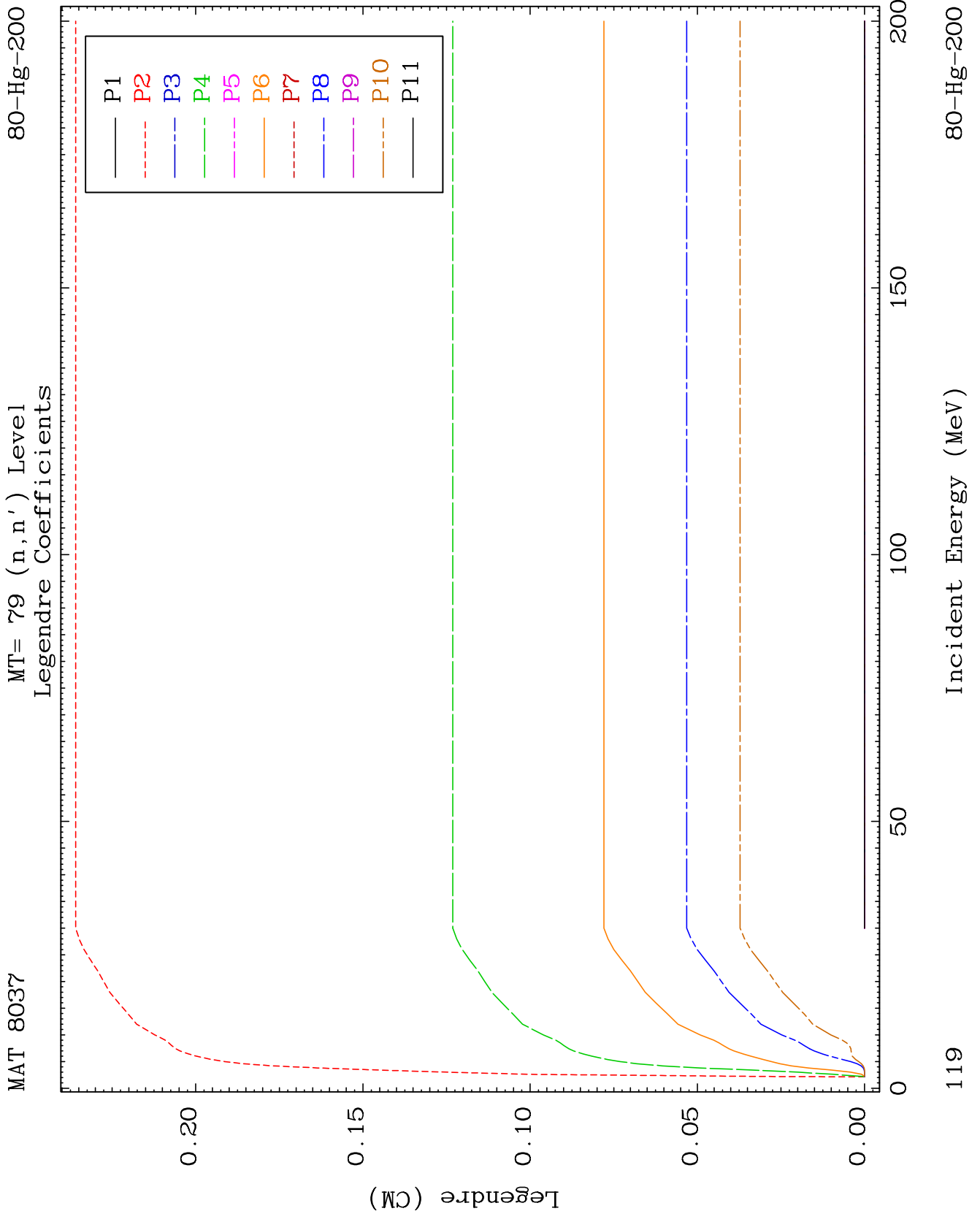
80-Hg-200







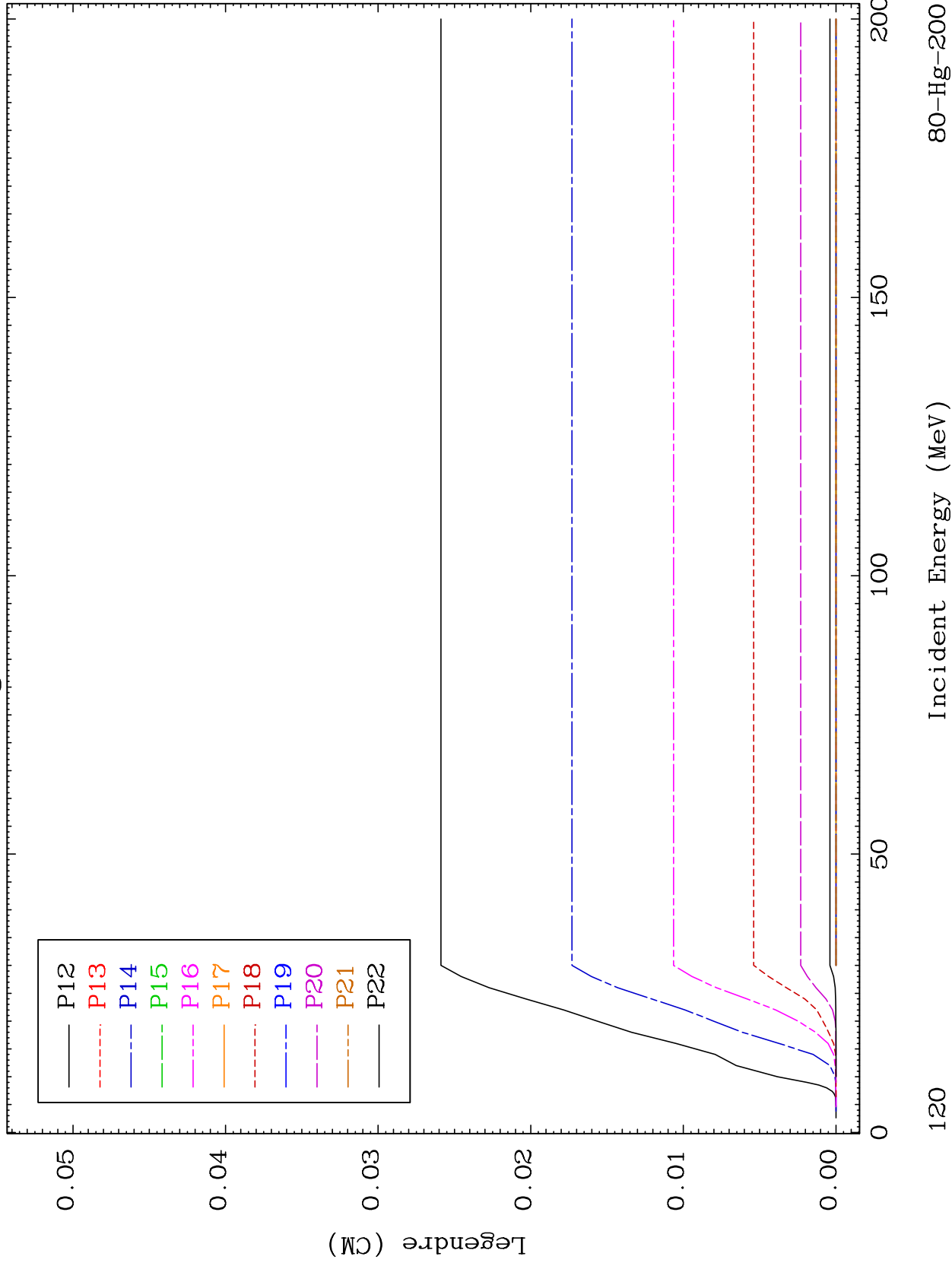




MAT 8037

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

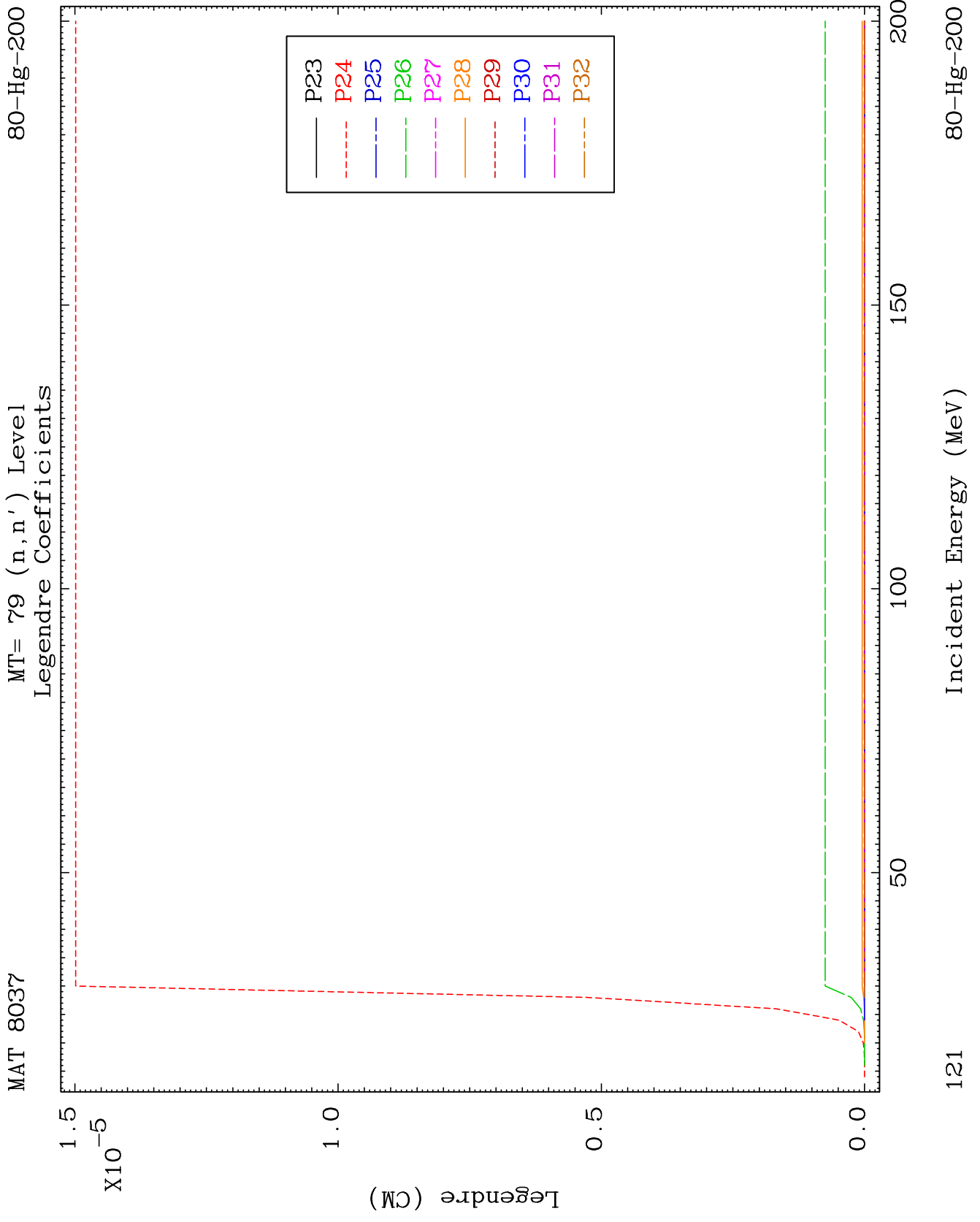
80-Hg-200



80-Hg-200

Incident Energy (MeV)

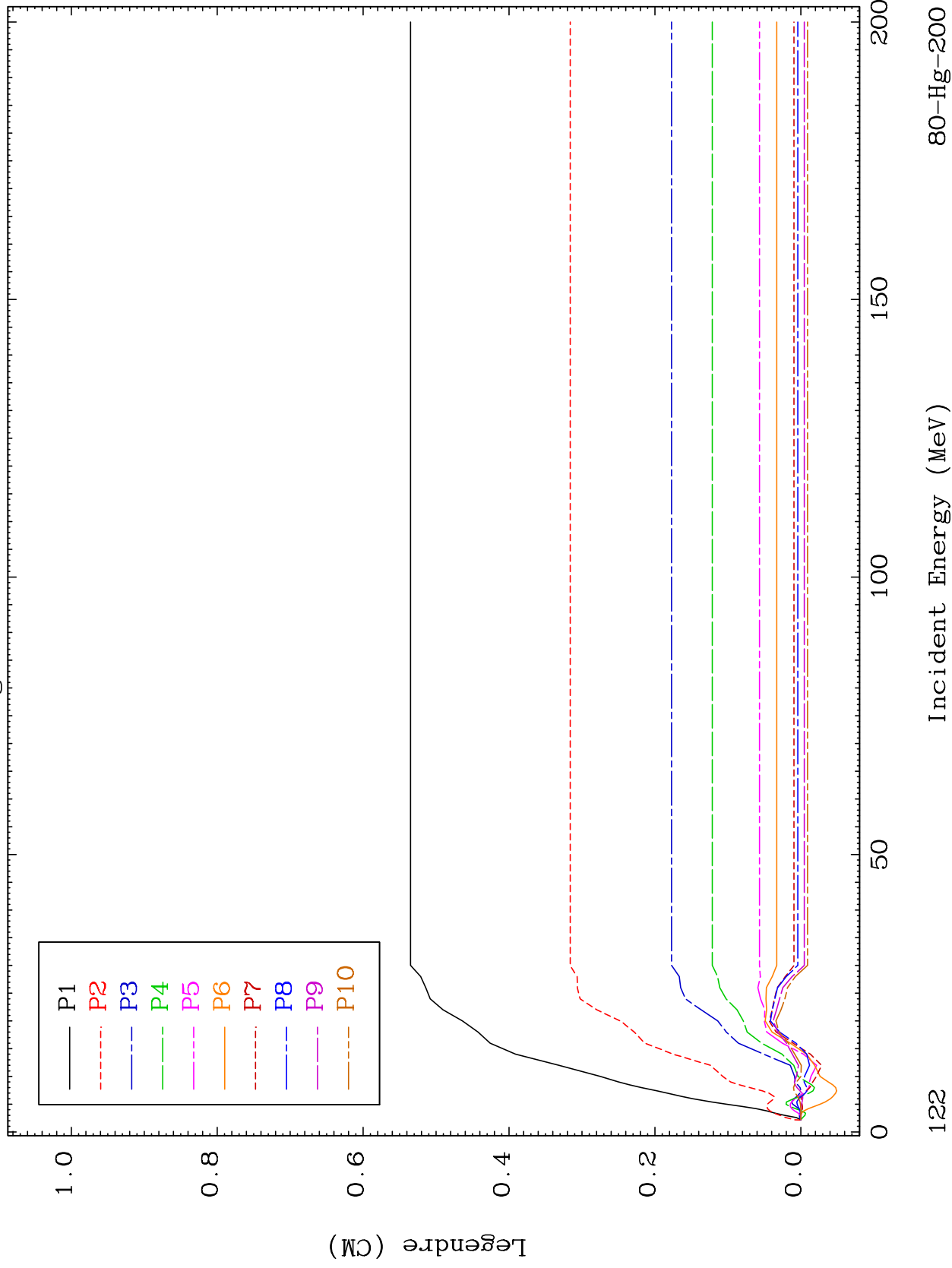
120



MAT 8037

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

80-Hg-200

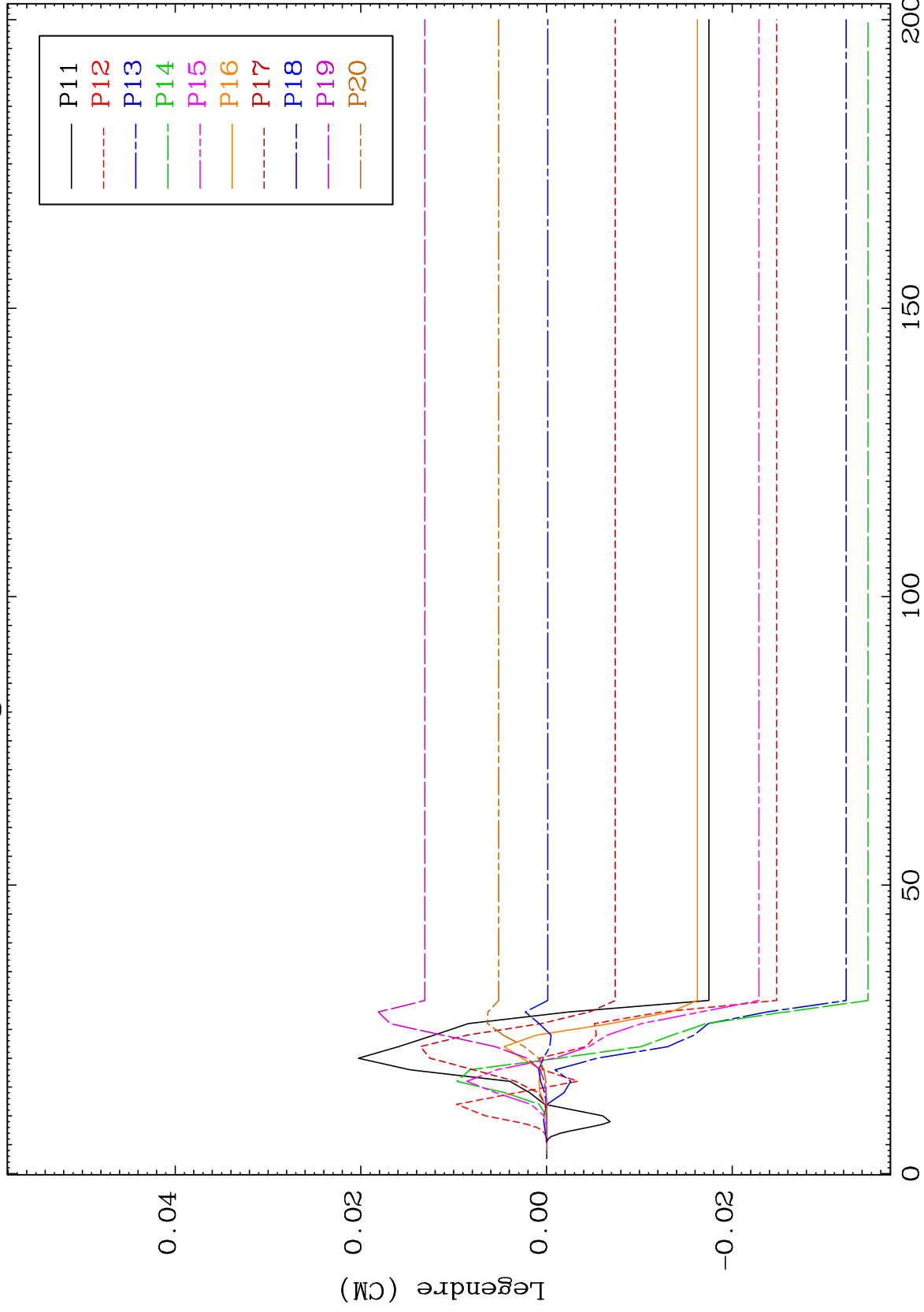


122

MAT 8037

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

80-Hg-200



123

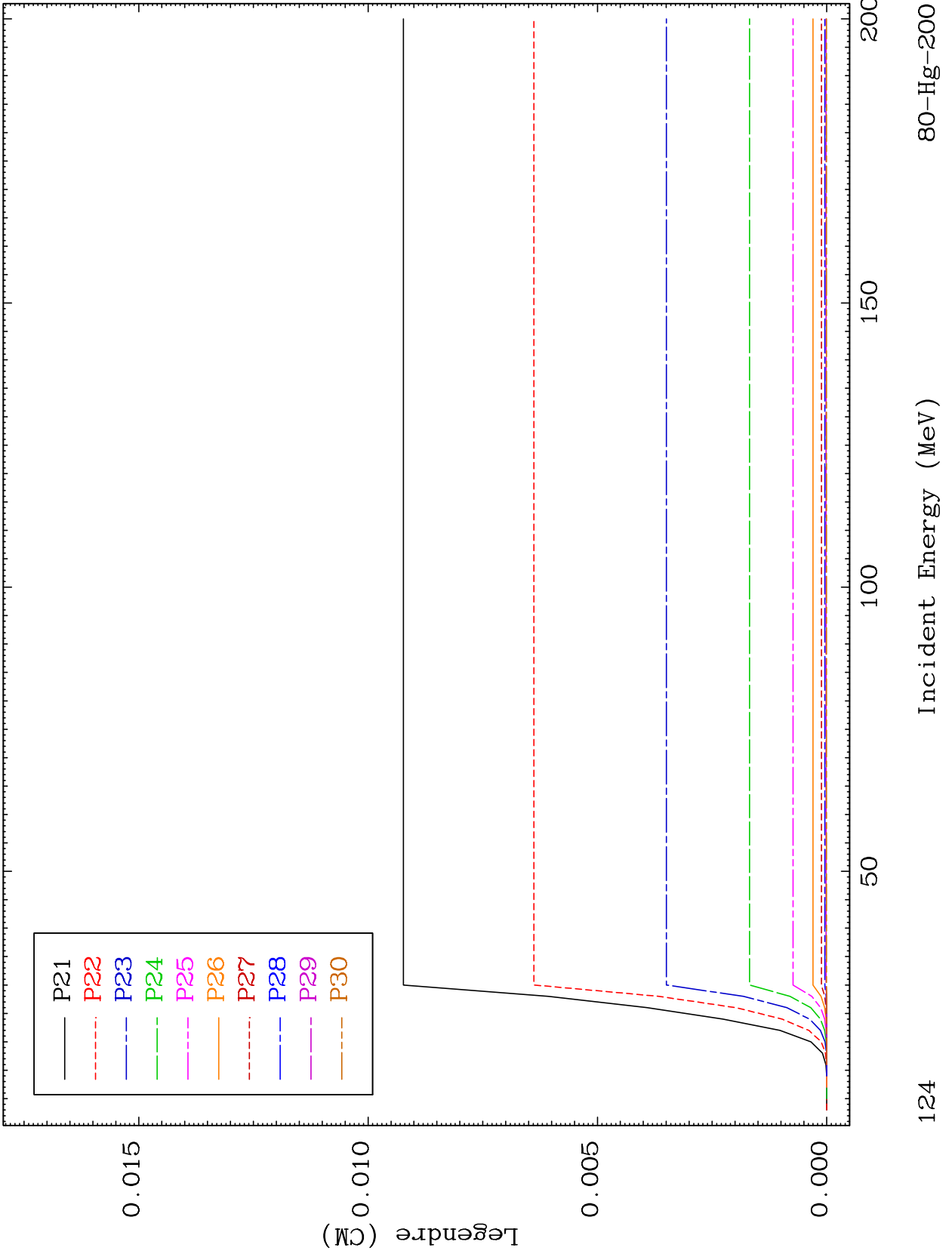
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

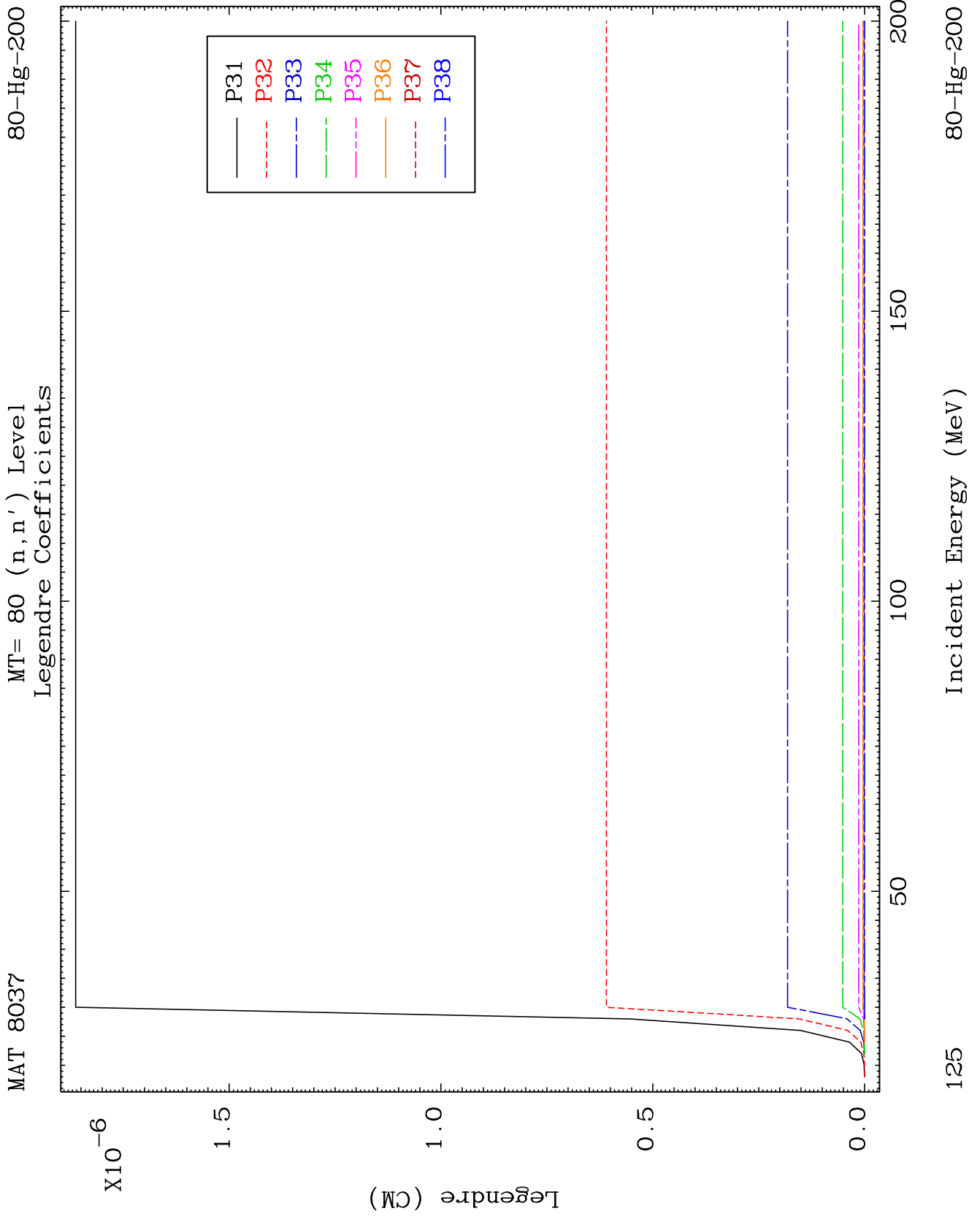
80-Hg-200



124

Incident Energy (MeV)

80-Hg-200

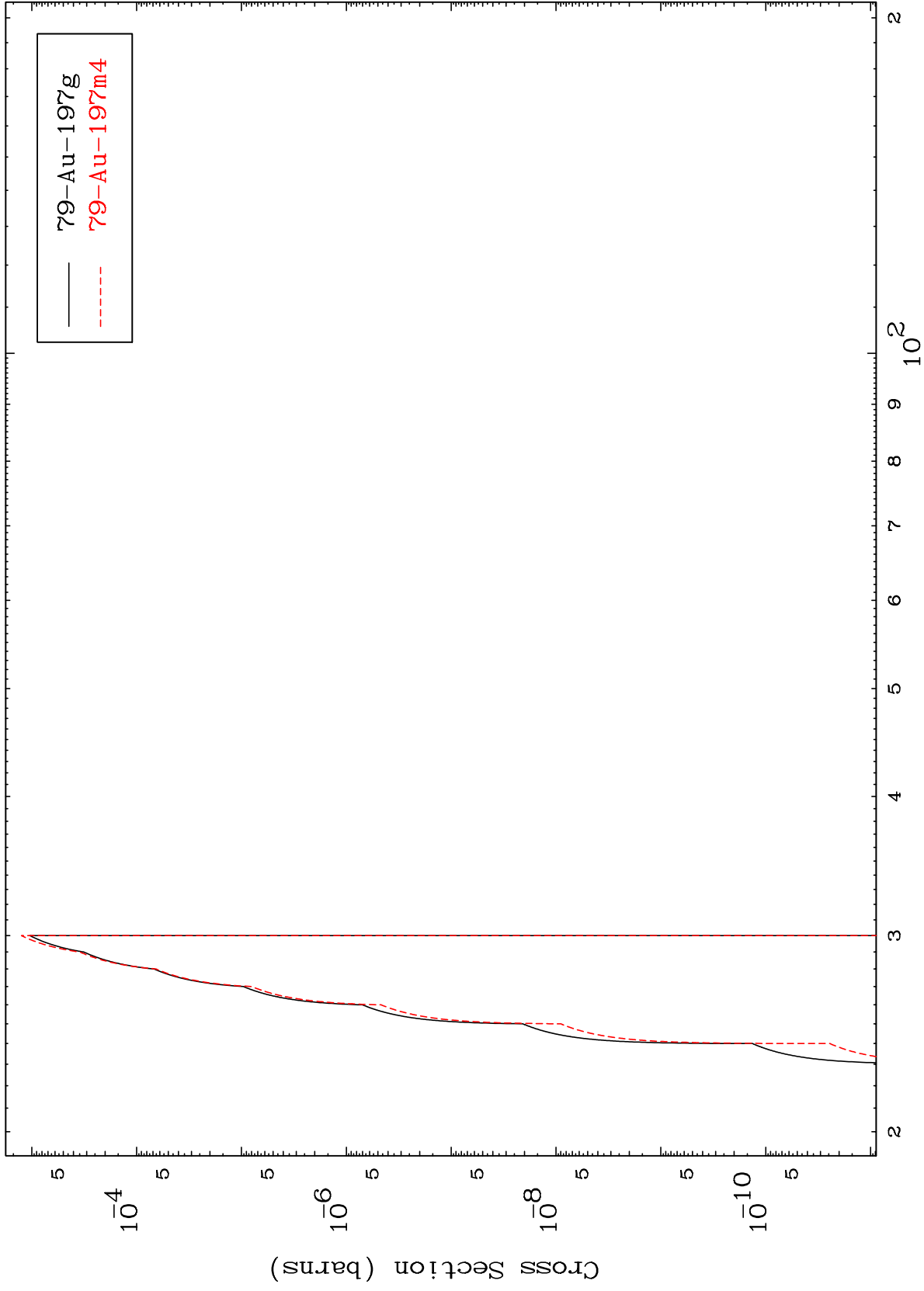


MAT 8037

(n,2n) d

80-Hg-200

Radionuclide Production Cross Section



126

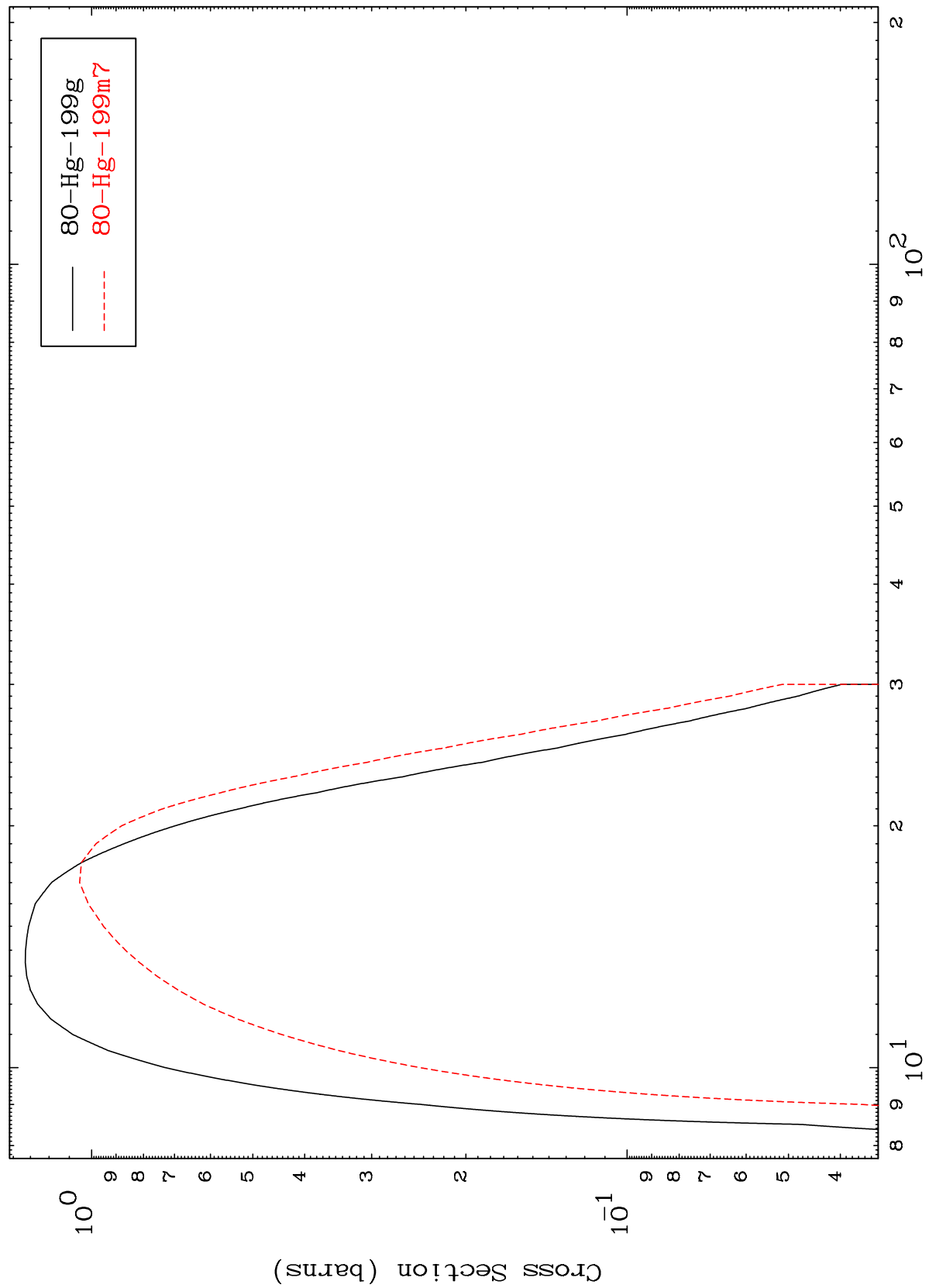
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,2n)
Radionuclide Production Cross Section



80-Hg-199g
80-Hg-199m7

127

Incident Energy (MeV)

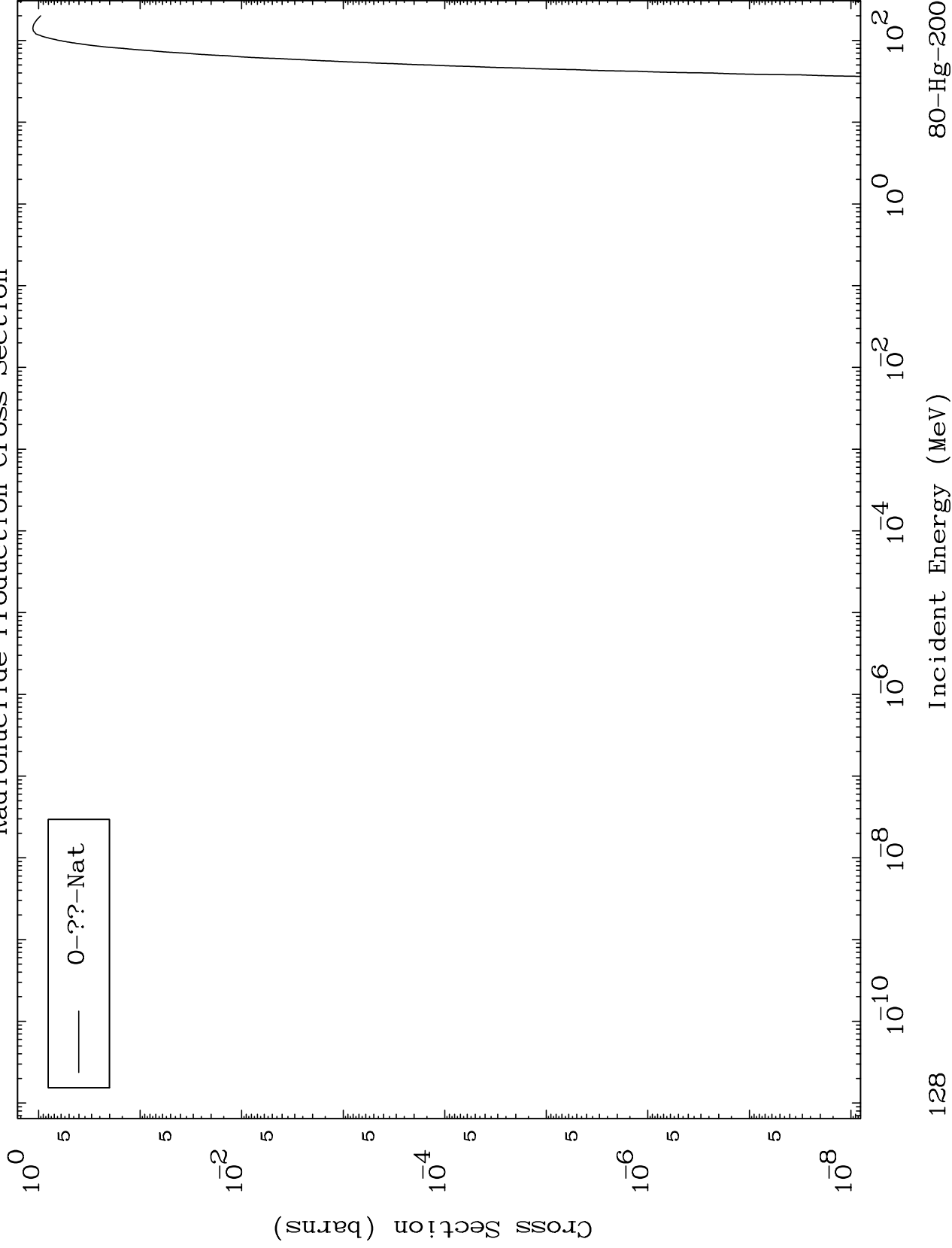
80-Hg-200

MAT 8037

Fission

80-Hg-200

Radionuclide Production Cross Section

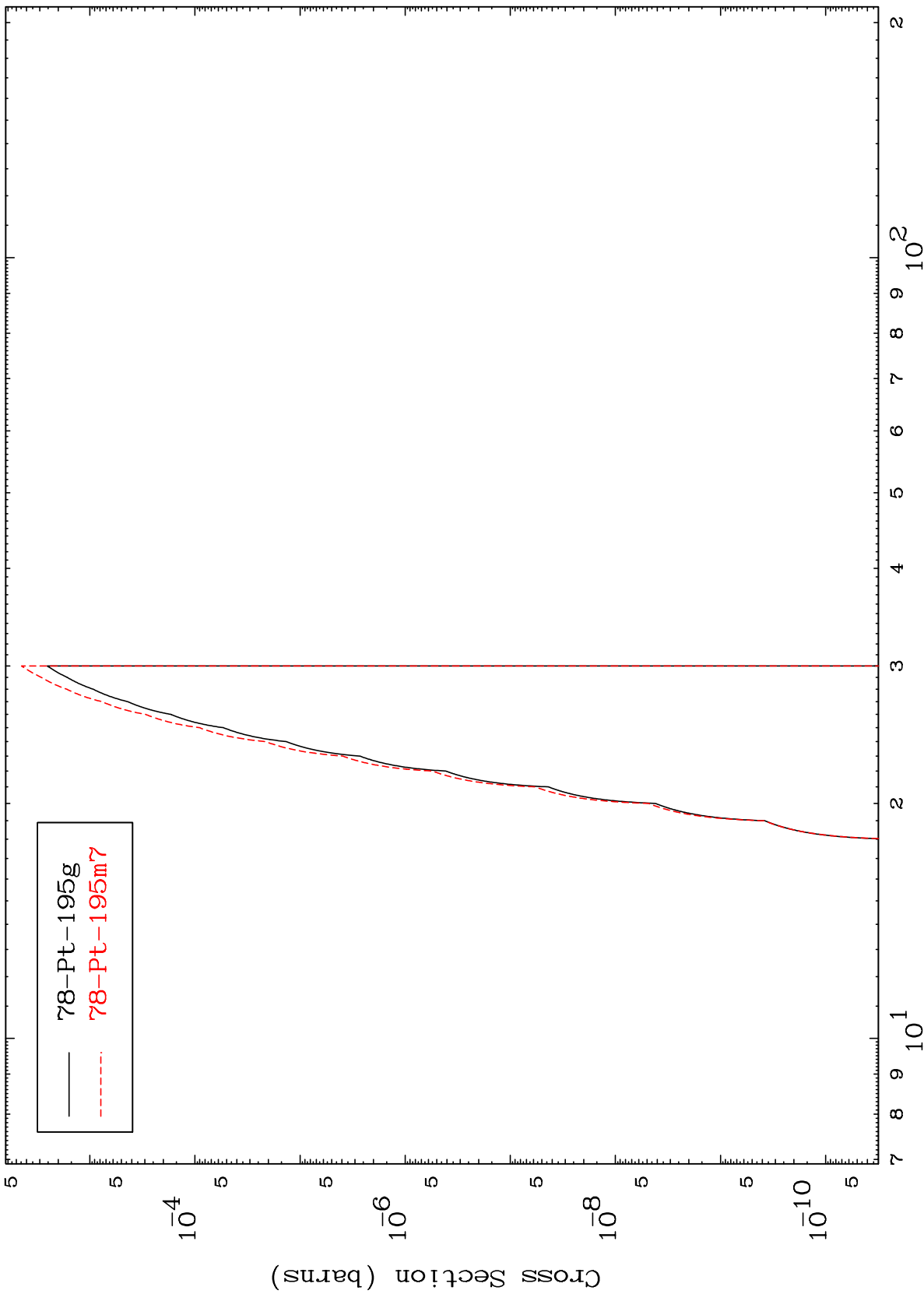


MAT 8037

$(n,2n) \alpha$

80-Hg-200

Radionuclide Production Cross Section



129

Incident Energy (MeV)

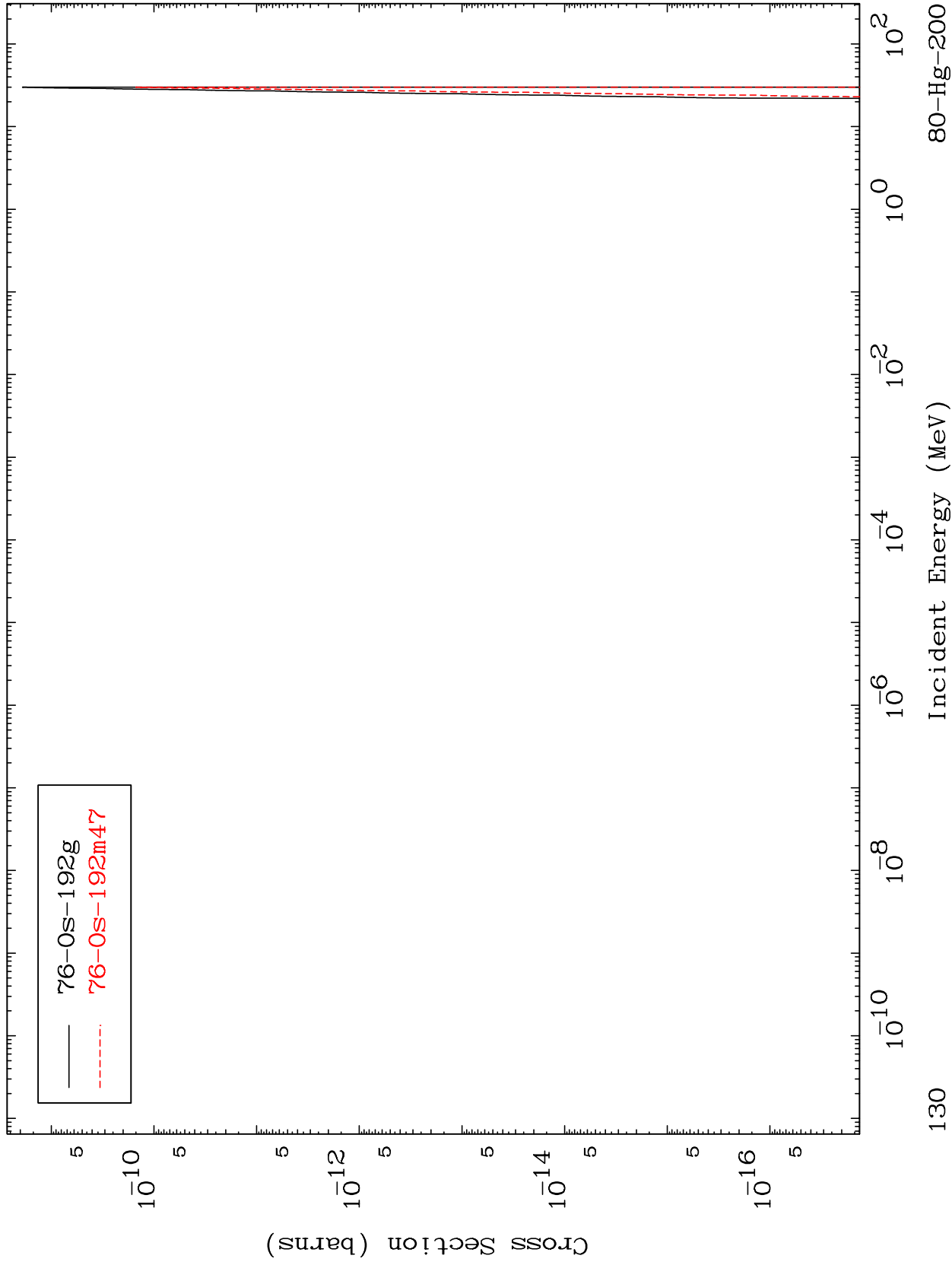
80-Hg-200

MAT 8037

(n,n') 2 α

80-Hg-200

Radionuclide Production Cross Section

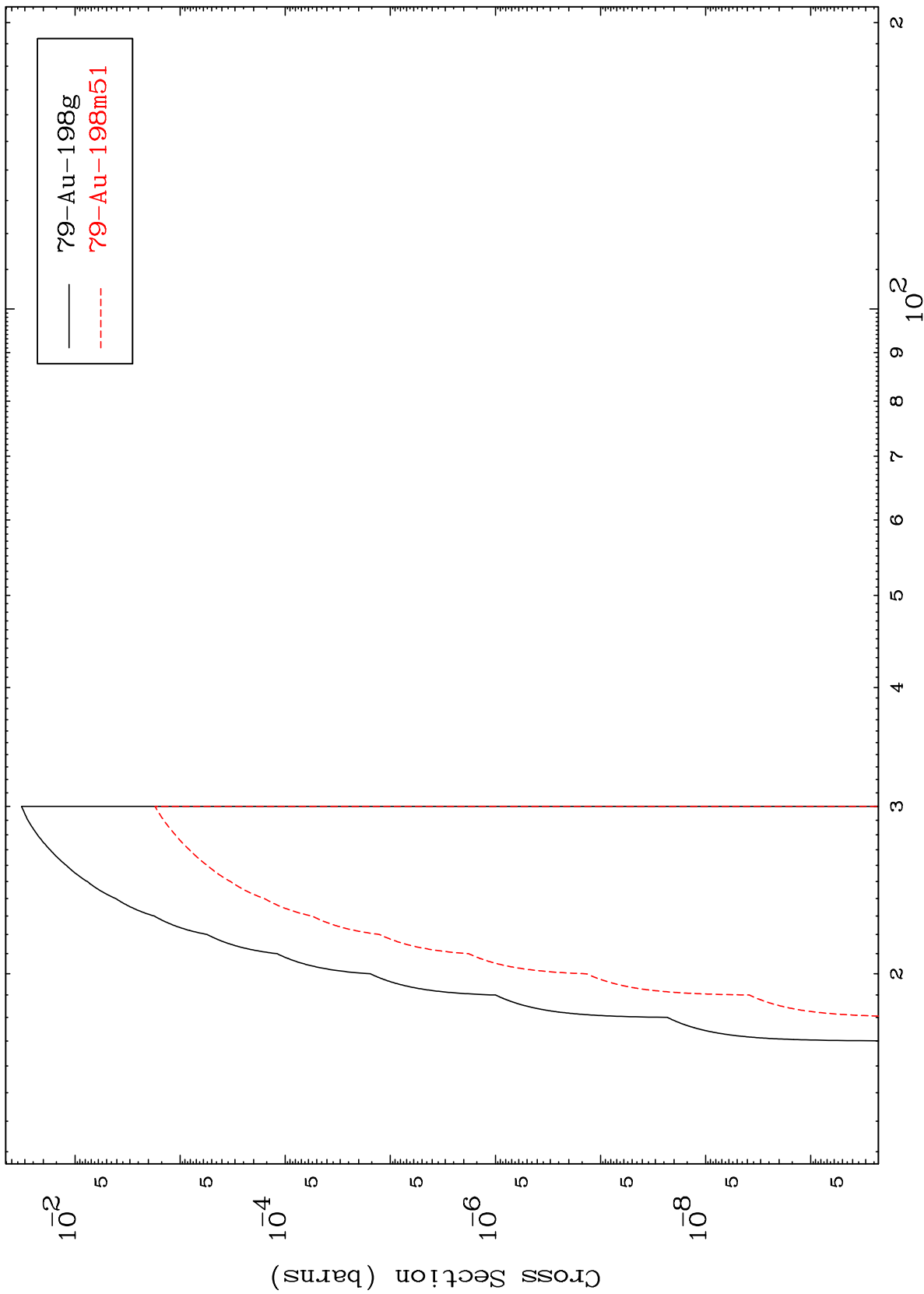


MAT 8037

(n,n') d

80-Hg-200

Radionuclide Production Cross Section



131

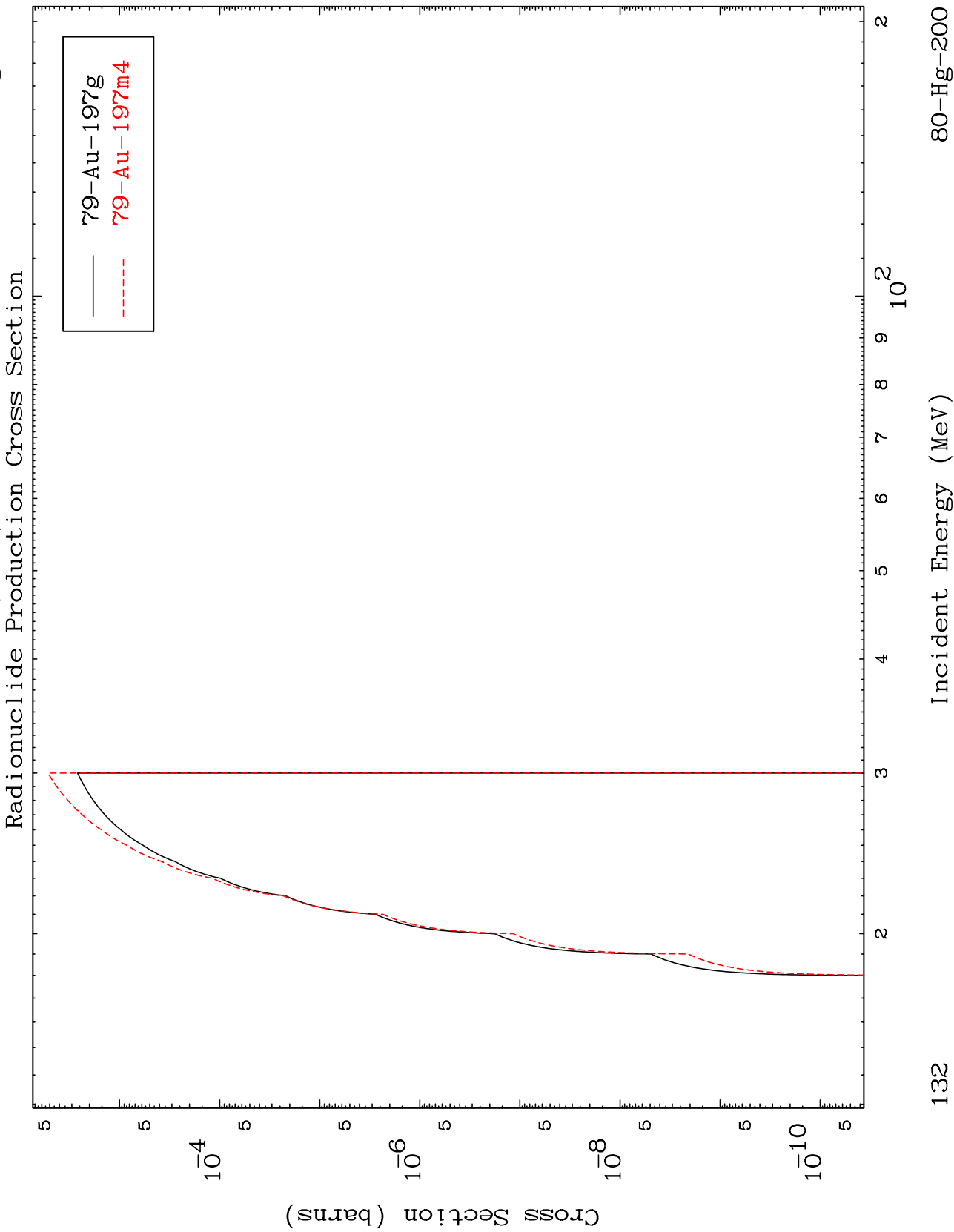
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,n') t

80-Hg-200



132

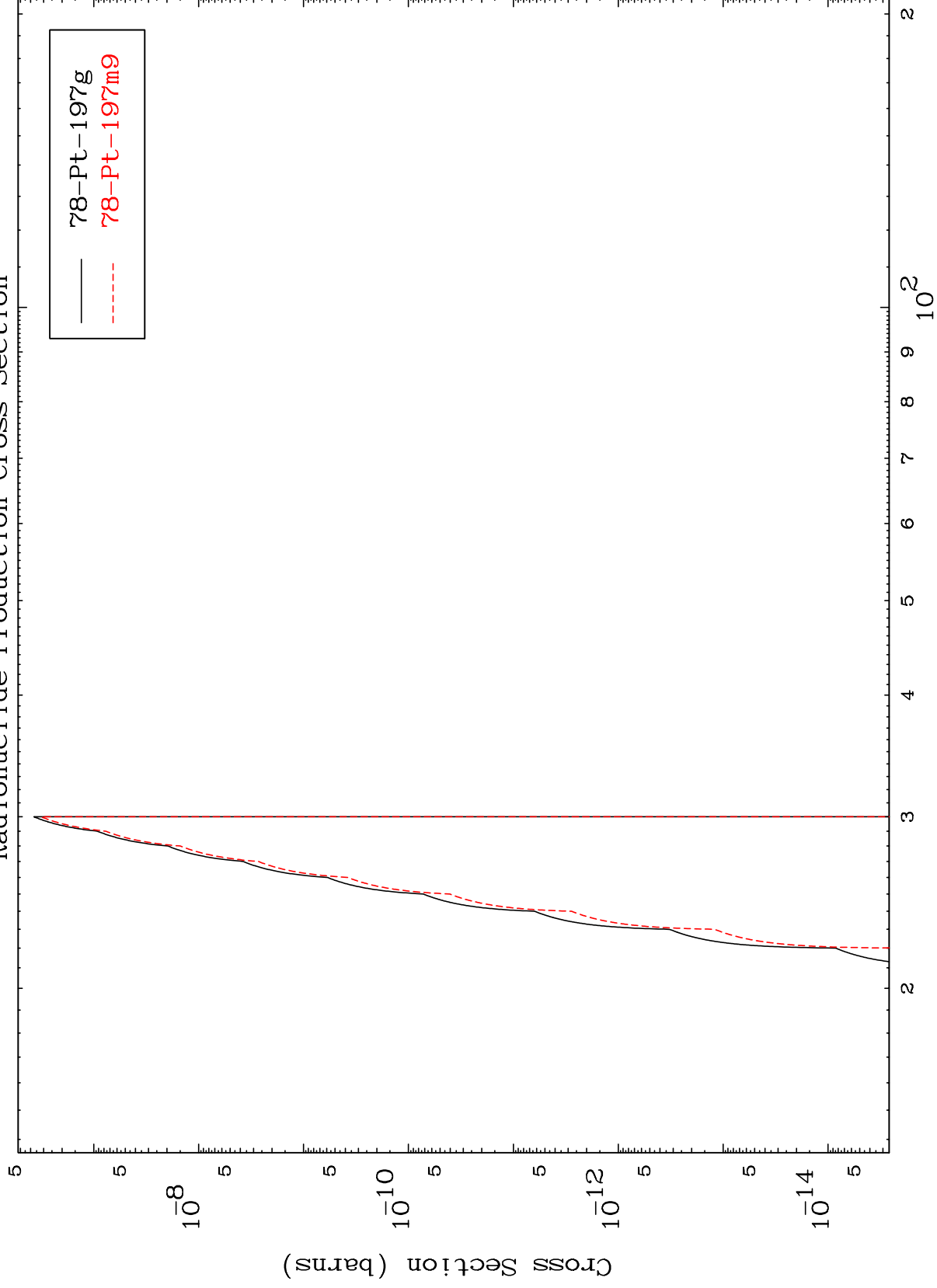
80-Hg-200

MAT 8037

(n,n') He-3

80-Hg-200

Radionuclide Production Cross Section



133

Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,4n)
Radionuclide Production Cross Section



134

80-Hg-200

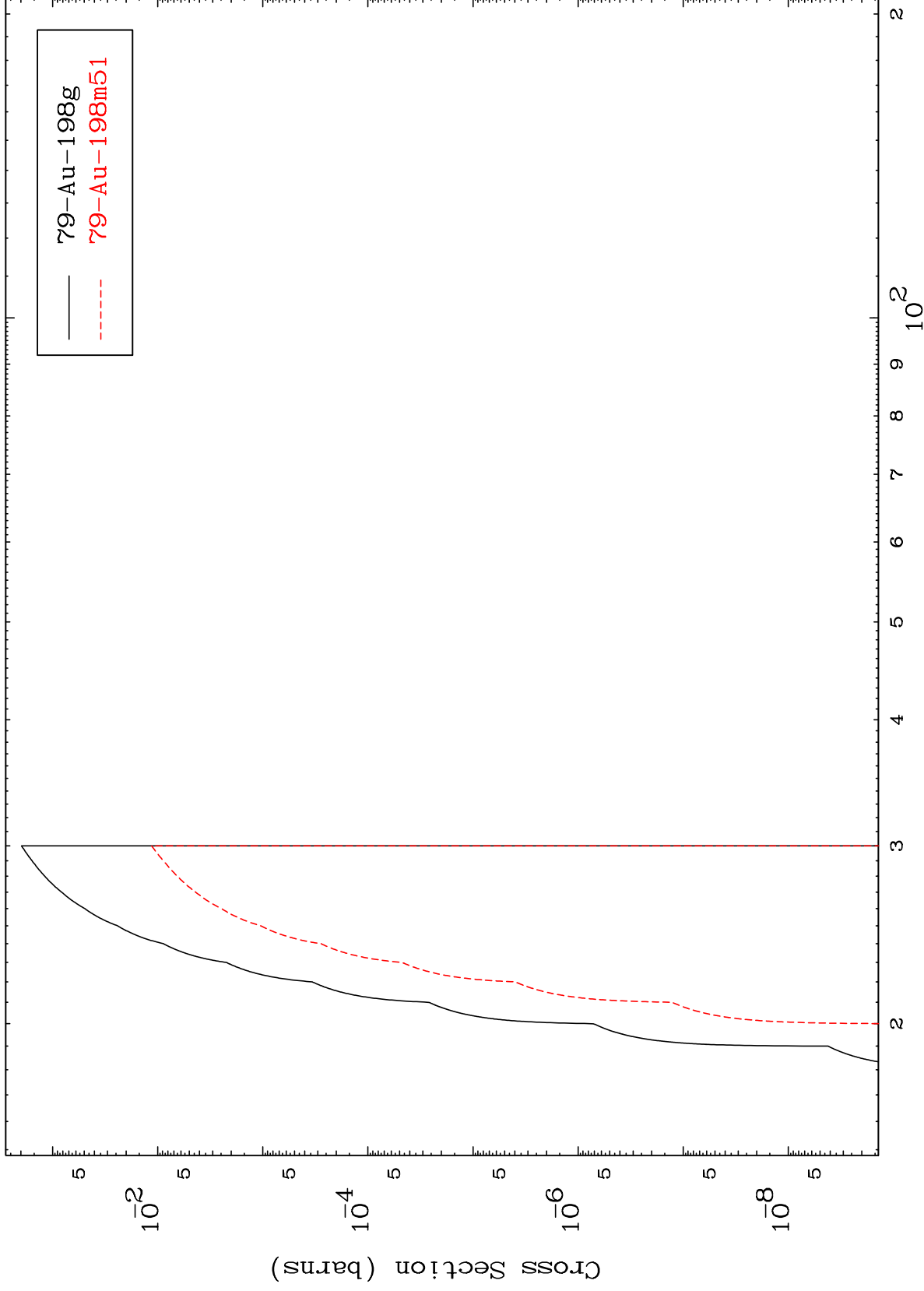
Incident Energy (MeV)

MAT 8037

(n,2n) p

80-Hg-200

Radionuclide Production Cross Section



135

Incident Energy (MeV)

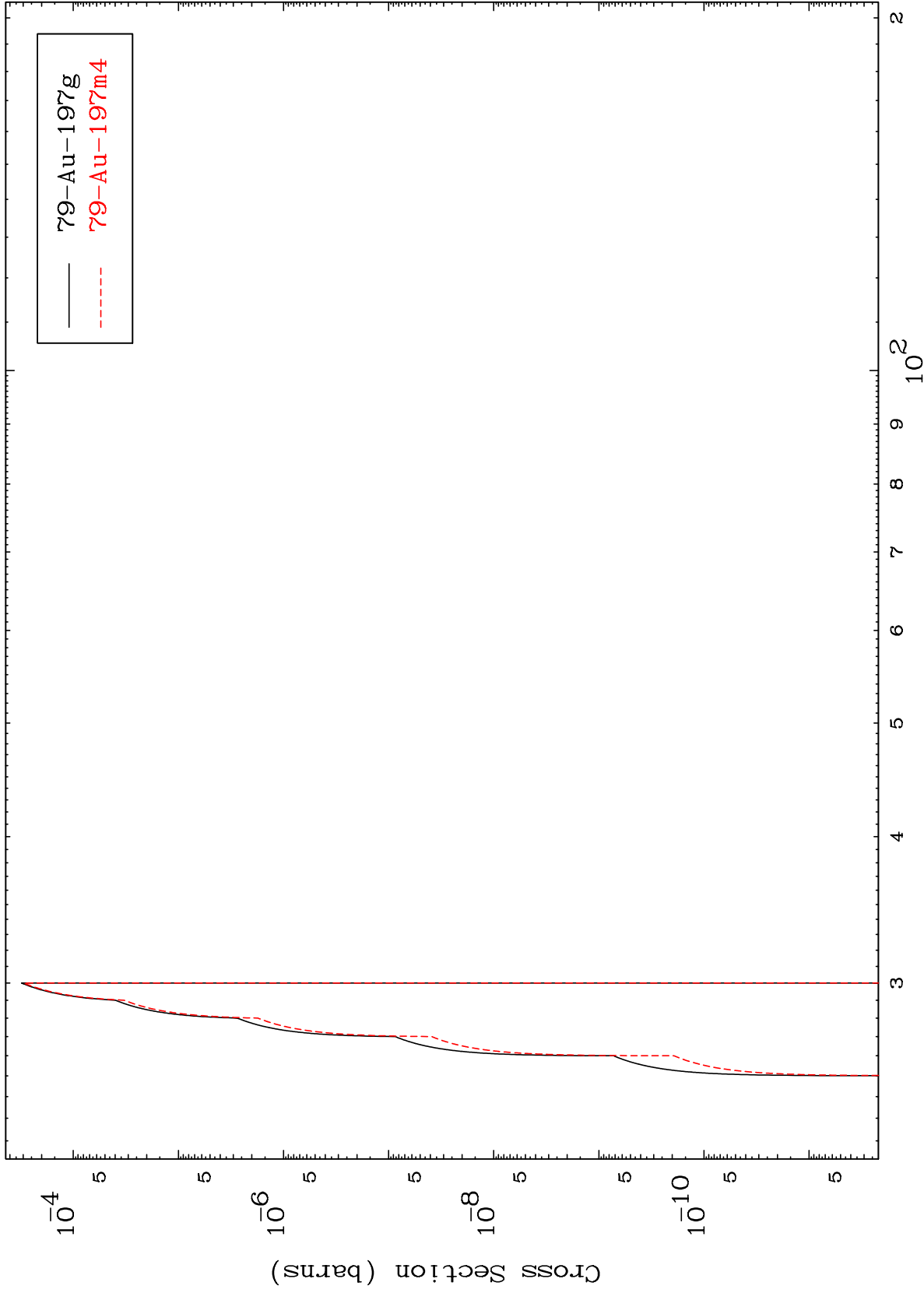
80-Hg-200

MAT 8037

(n,3n) p

80-Hg-200

Radionuclide Production Cross Section



136

Incident Energy (MeV)

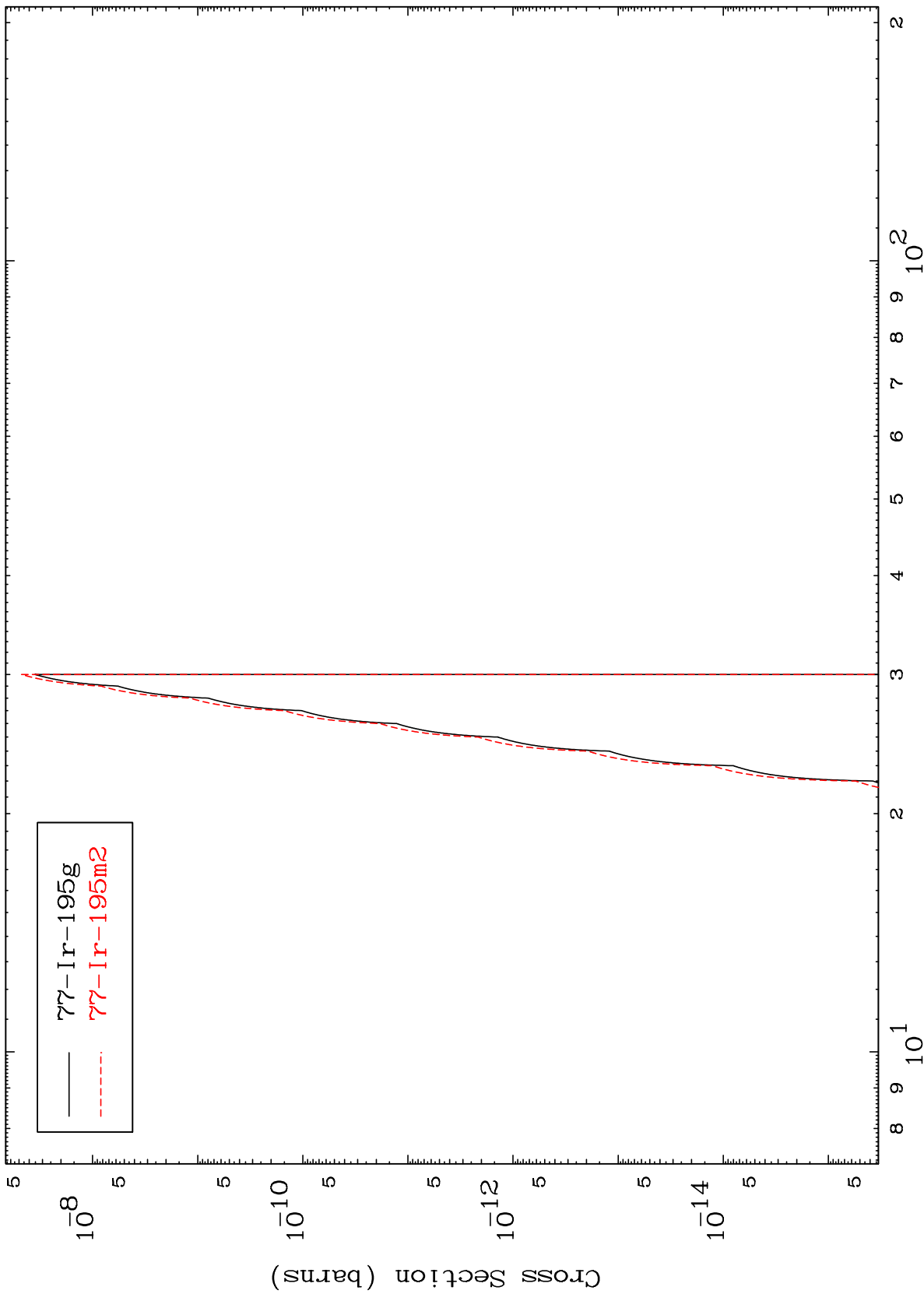
80-Hg-200

MAT 8037

(n,n') p α

80-Hg-200

Radionuclide Production Cross Section



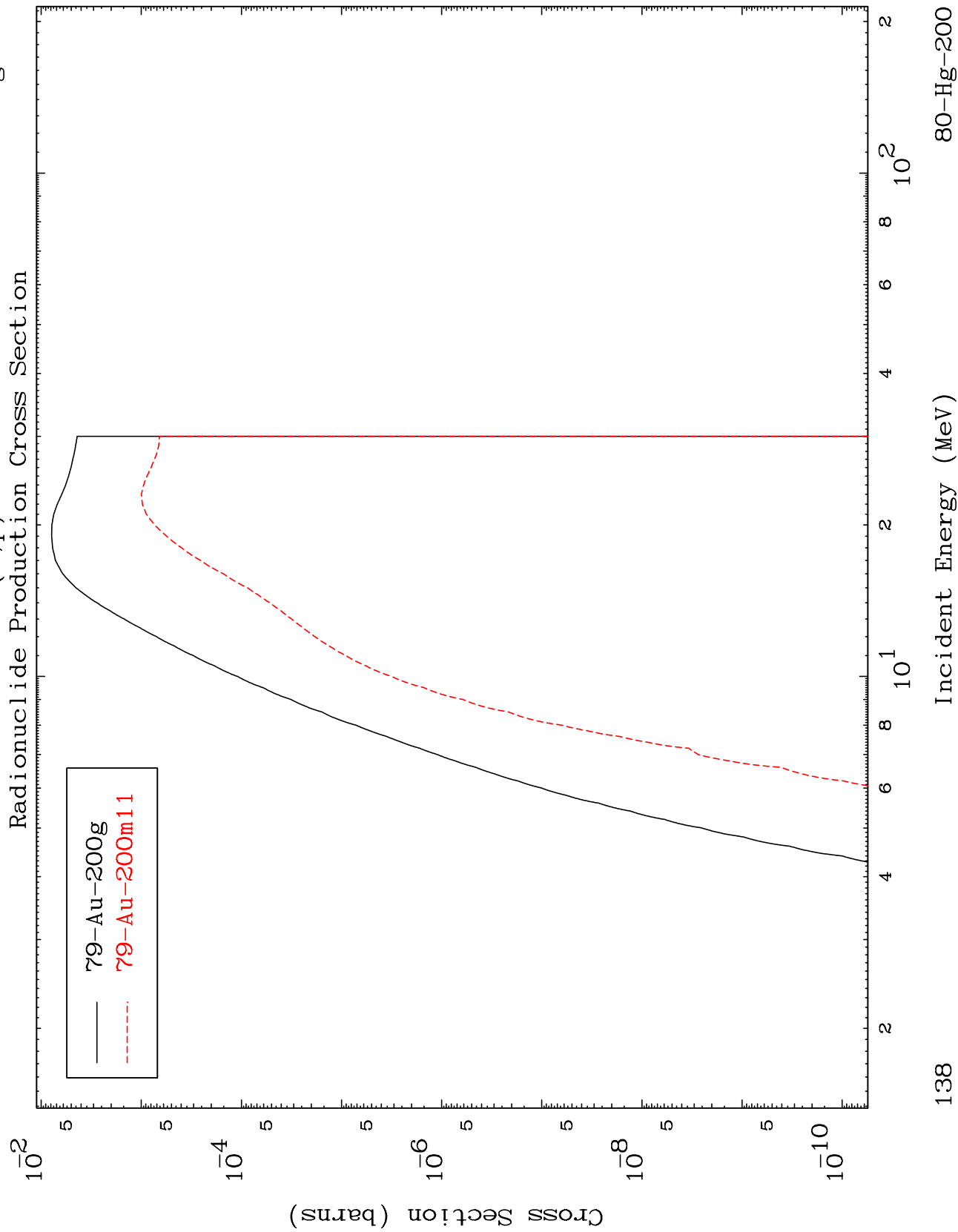
137

Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

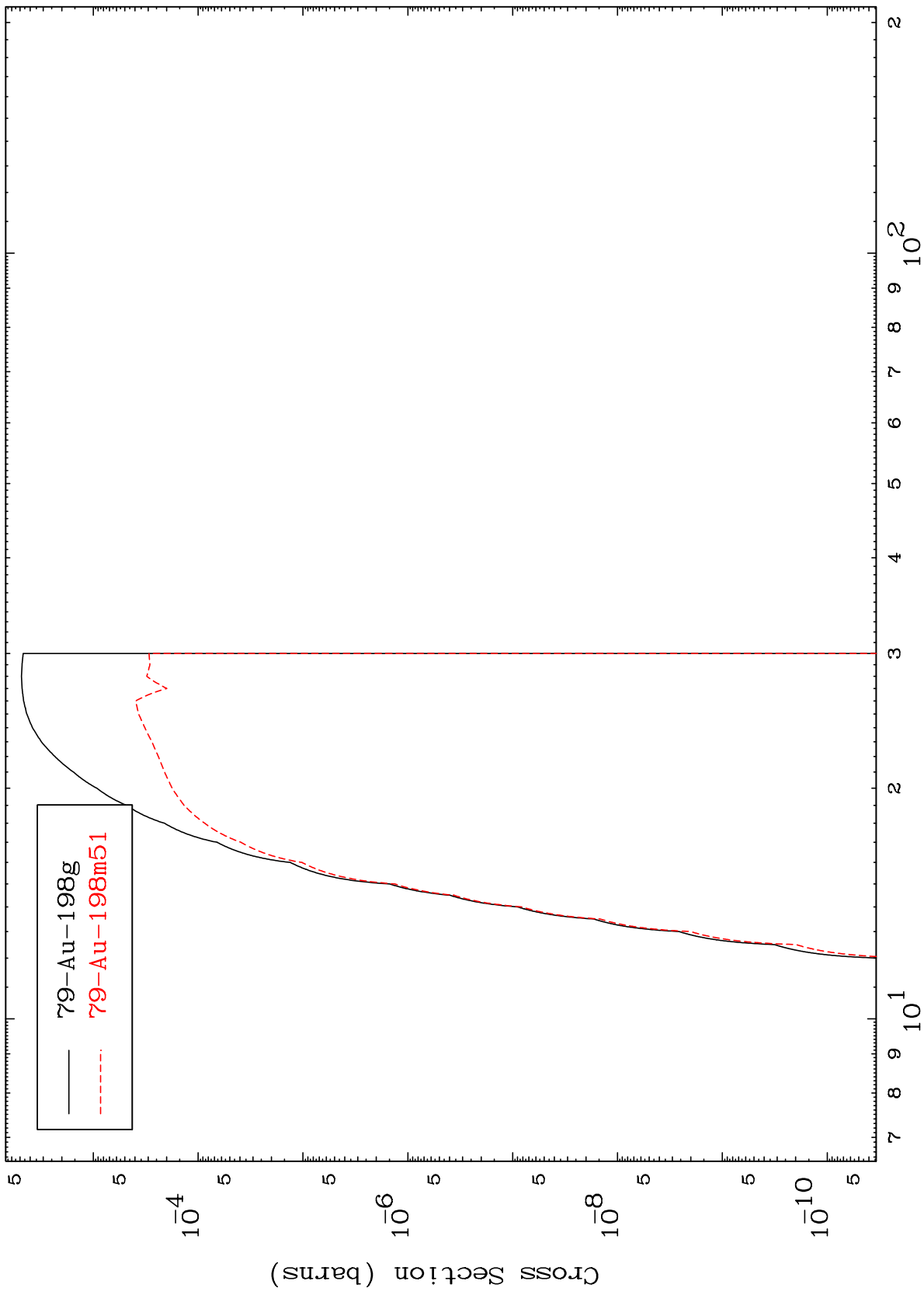


138

MAT 8037

80-Hg-200

(n, t)
Radionuclide Production Cross Section



139

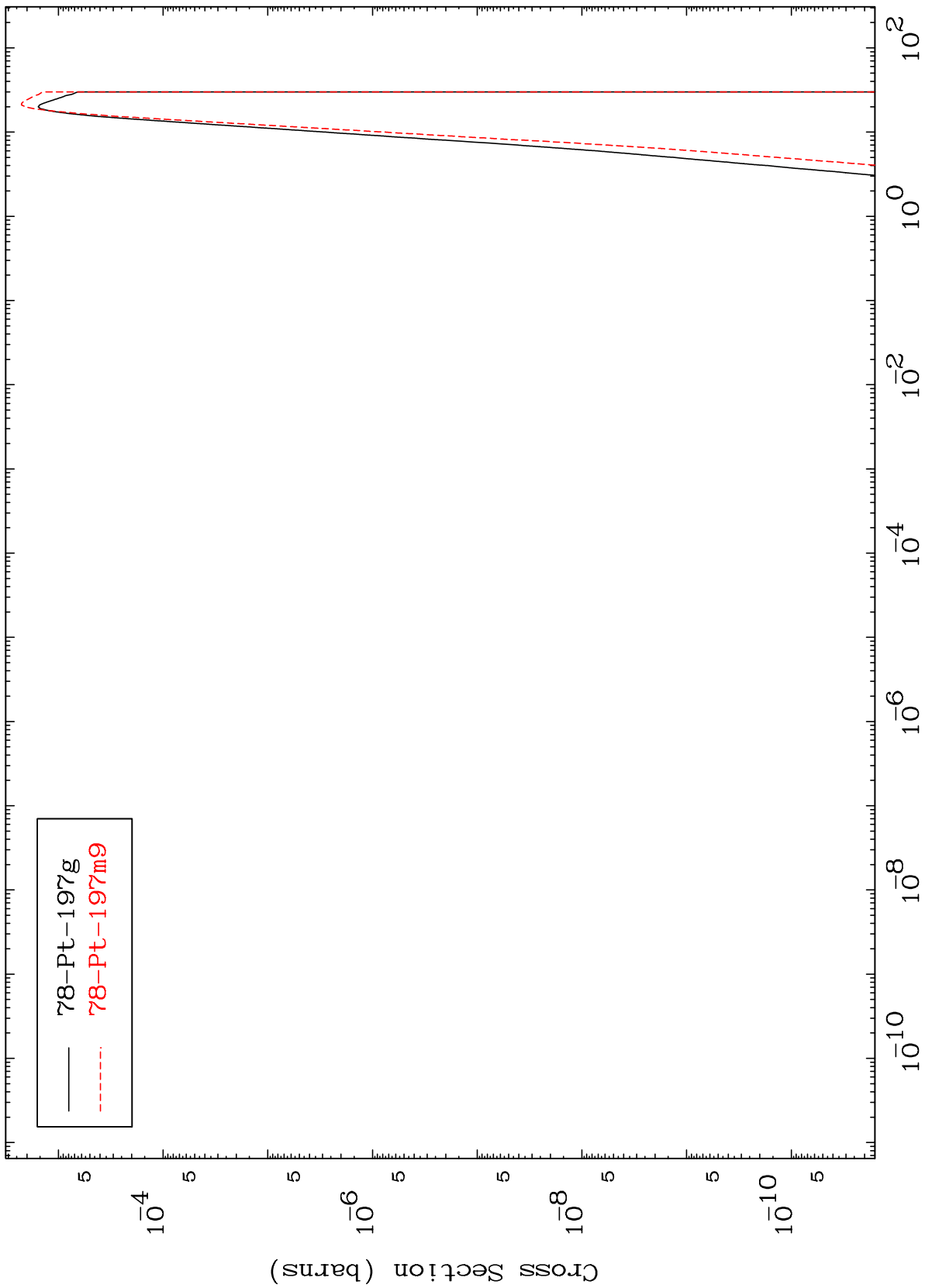
Incident Energy (MeV)

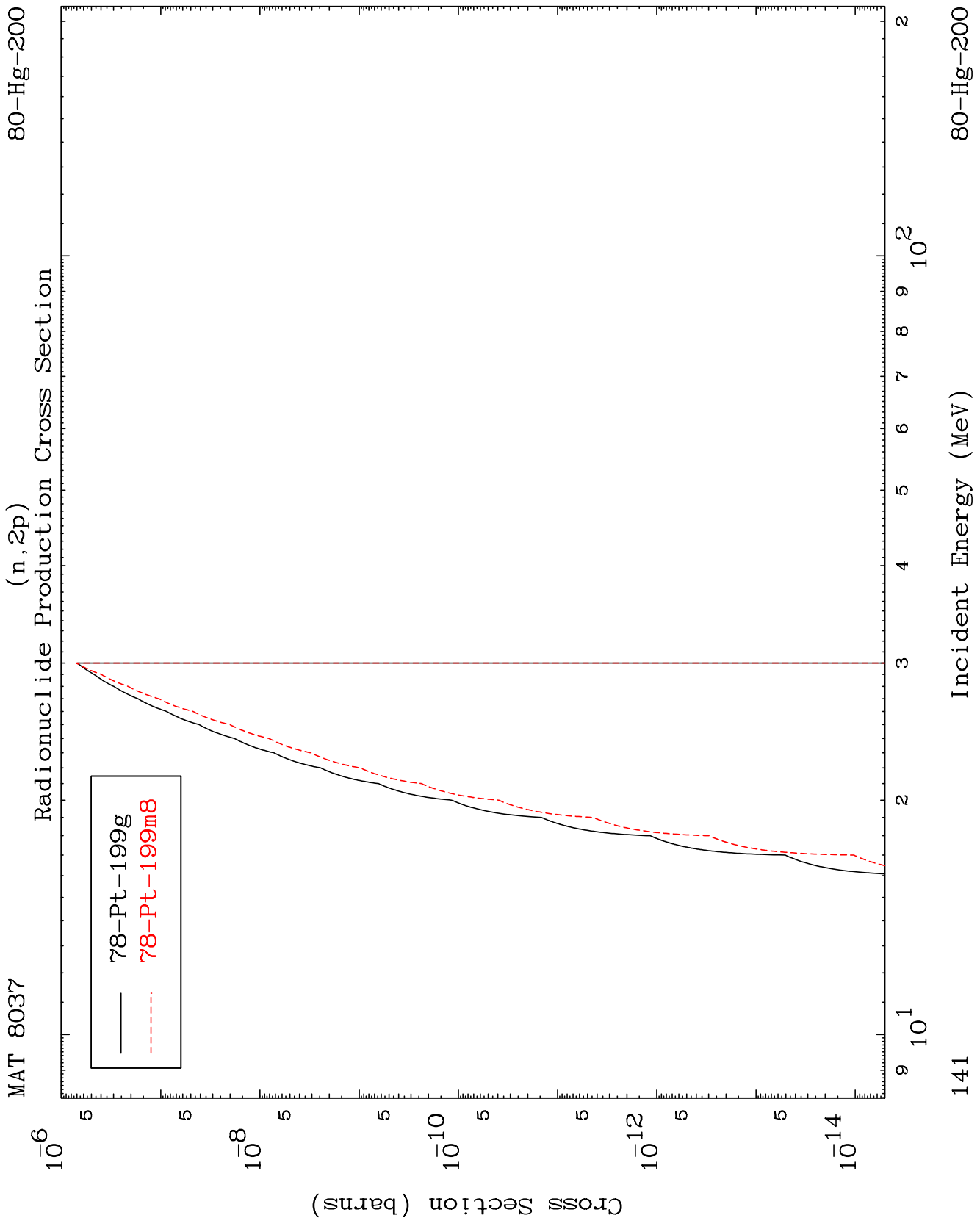
80-Hg-200

MAT 8037

Radionuclide Production Cross Section
(n, α)

80-Hg-200



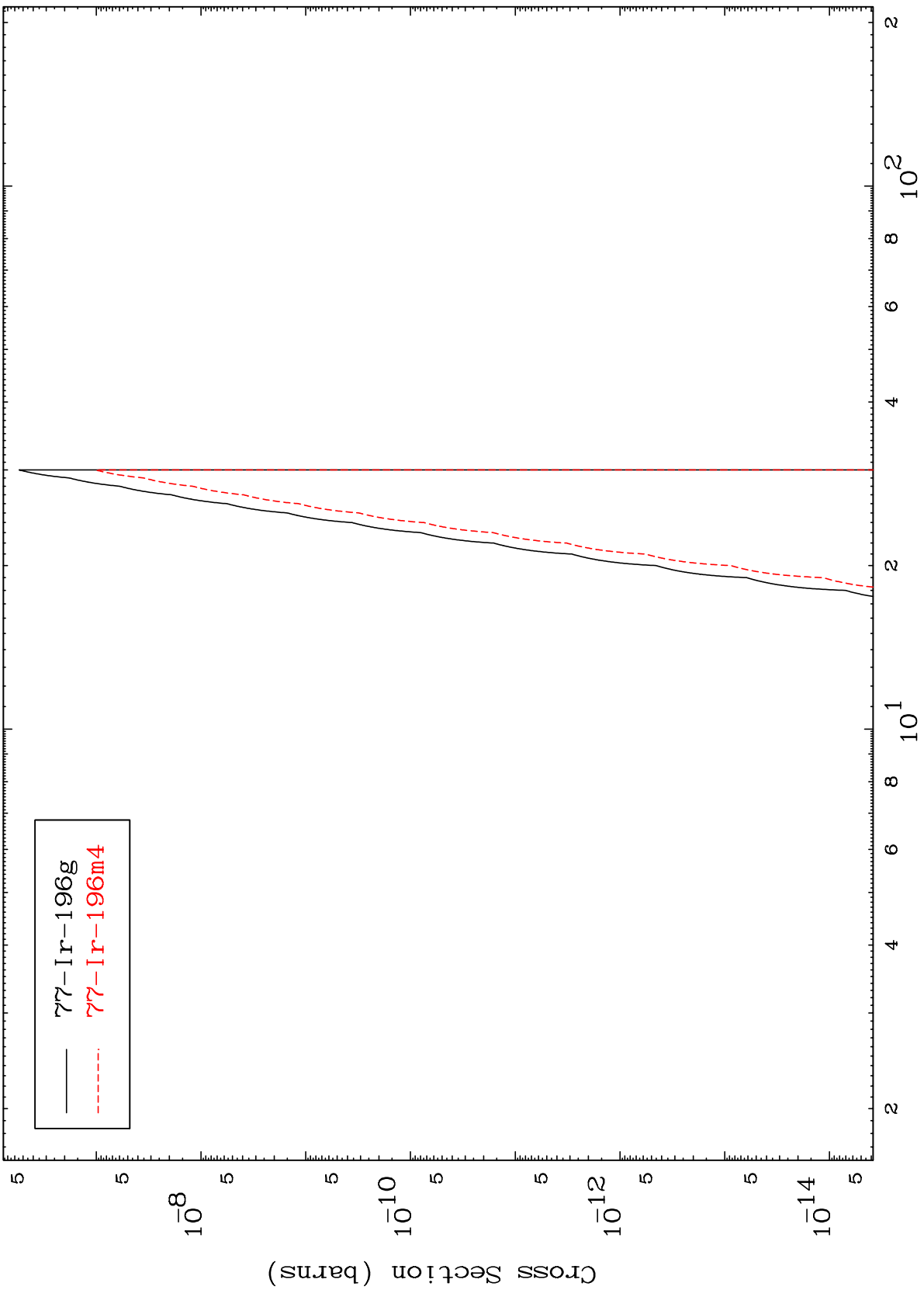


MAT 8037

(n,p) α

80-Hg-200

Radionuclide Production Cross Section



142

Incident Energy (MeV)

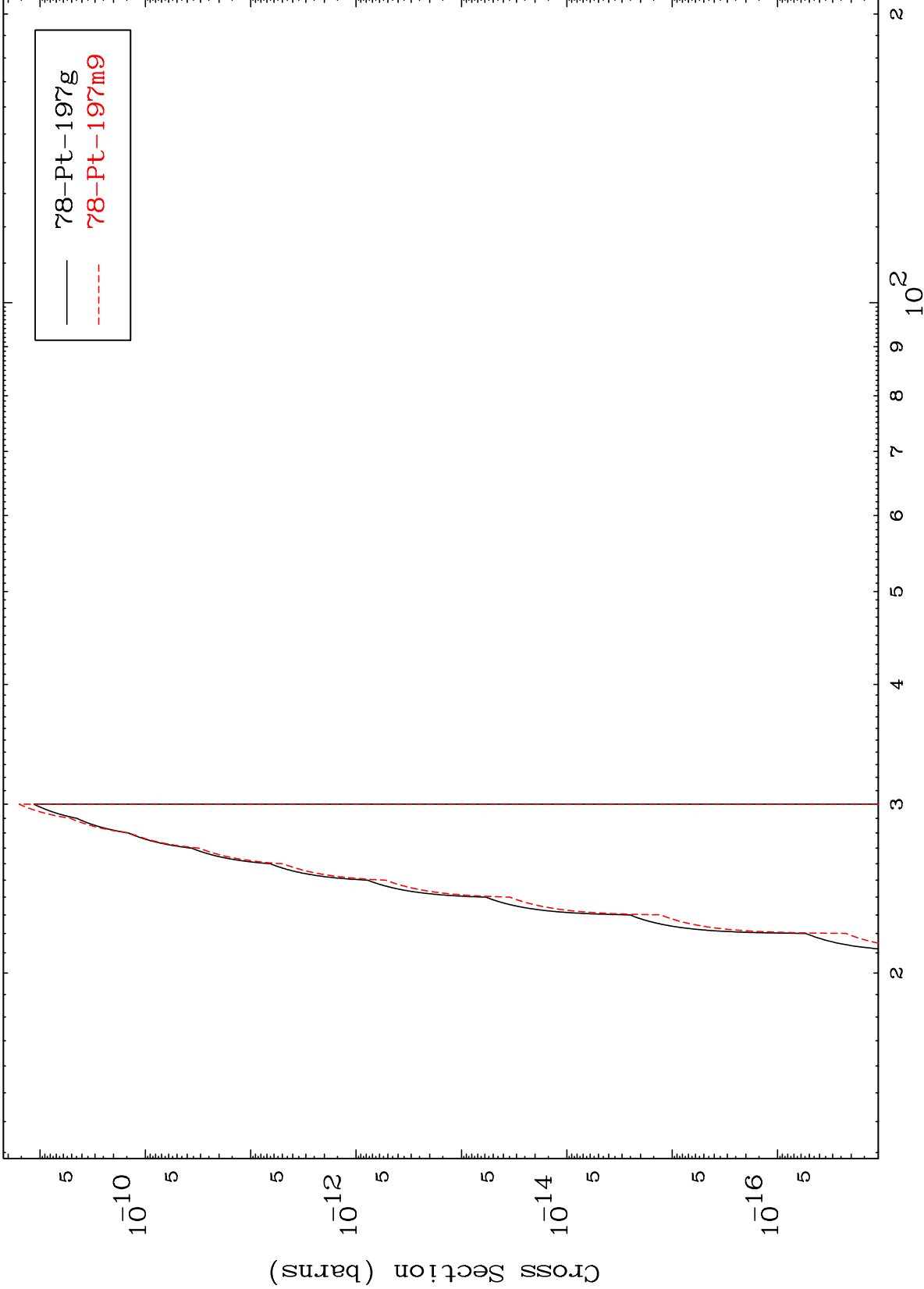
80-Hg-200

MAT 8037

(n,p) t

80-Hg-200

Radionuclide Production Cross Section



143

Incident Energy (MeV)

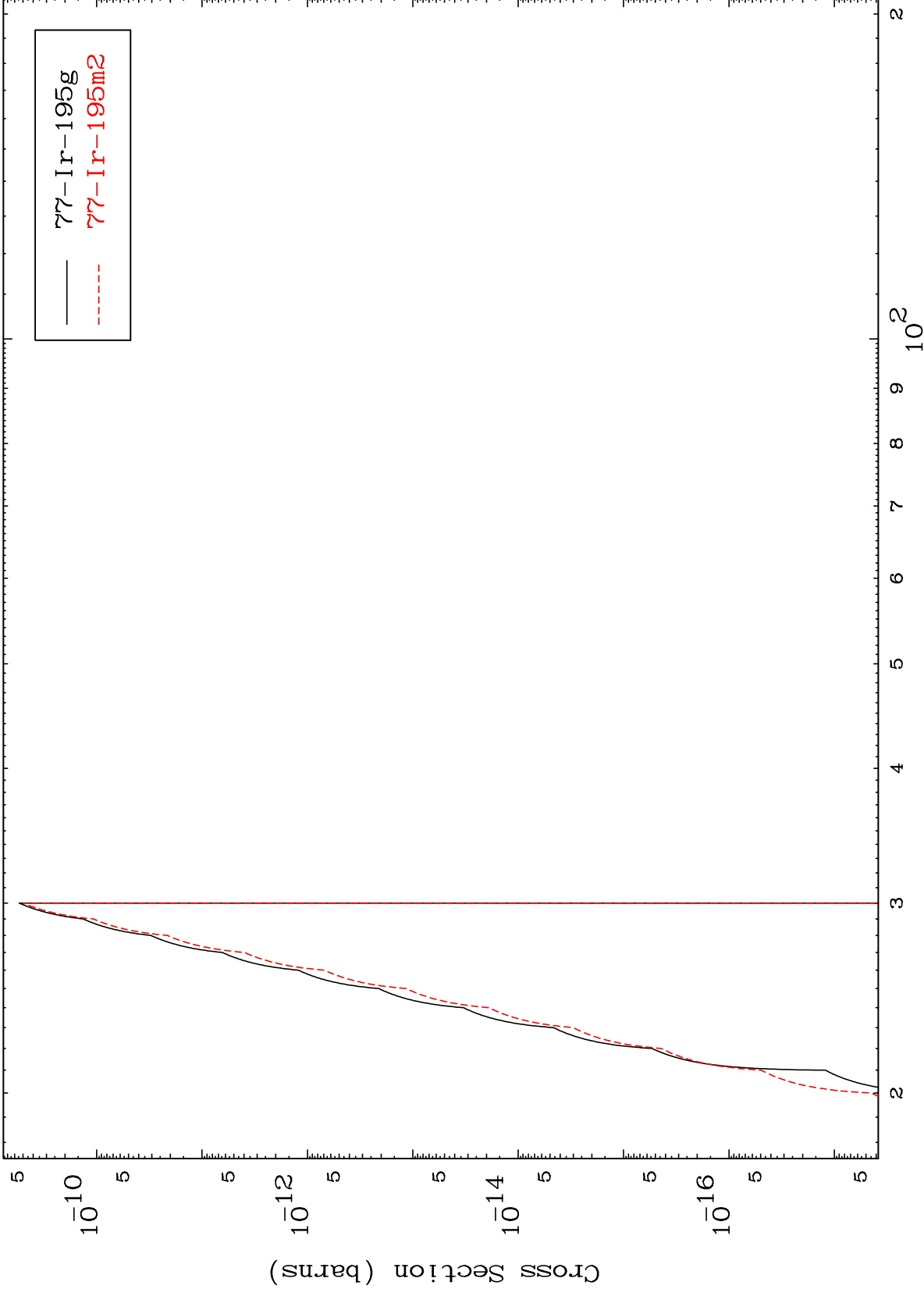
80-Hg-200

MAT 8037

(n,d) α

80-Hg-200

Radionuclide Production Cross Section



144

Incident Energy (MeV)

80-Hg-200