

Program EVALPLOT
(Version 2021-1)

by

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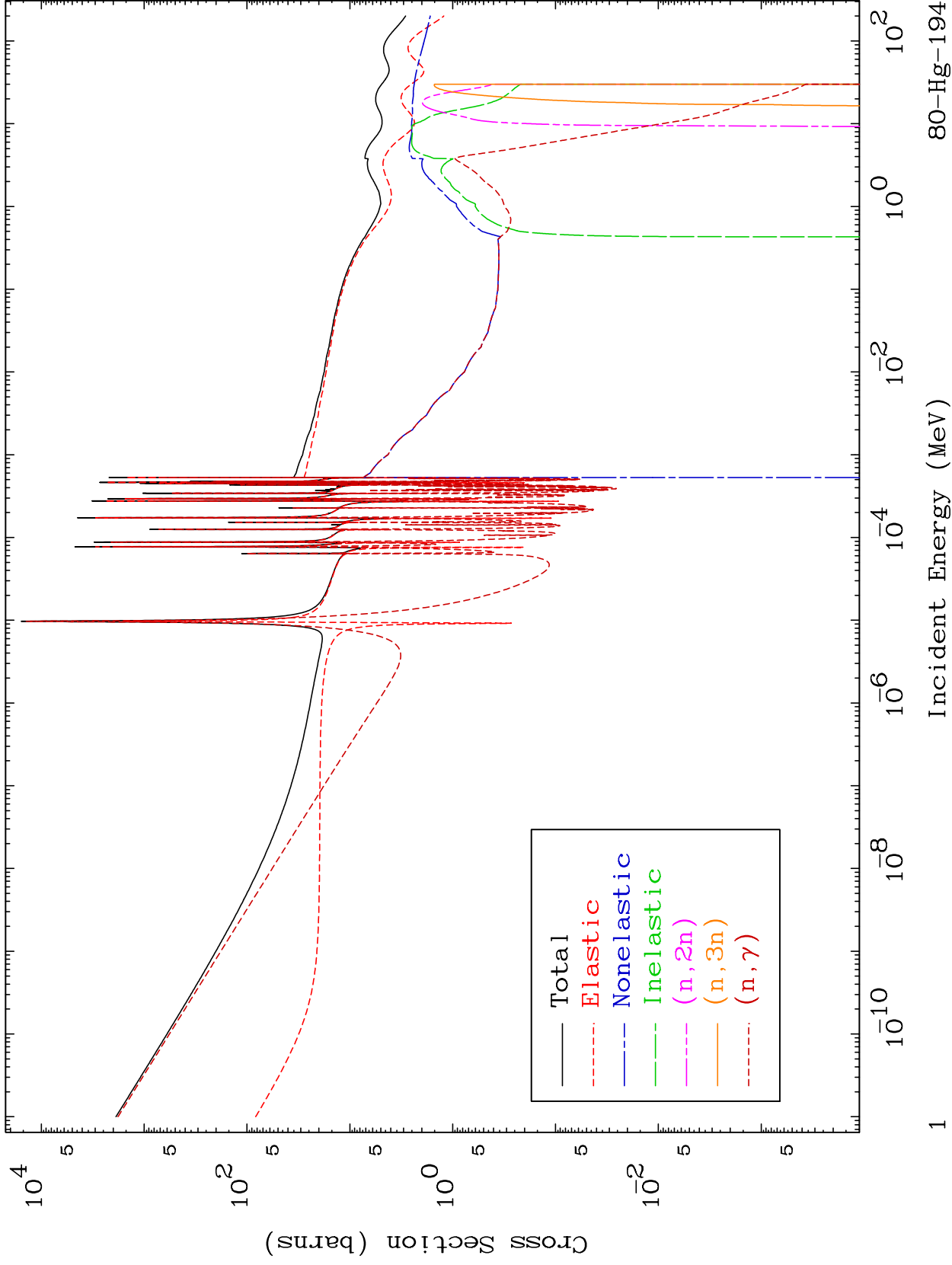
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8019

Neutron Major
293 Kelvin Cross Sections

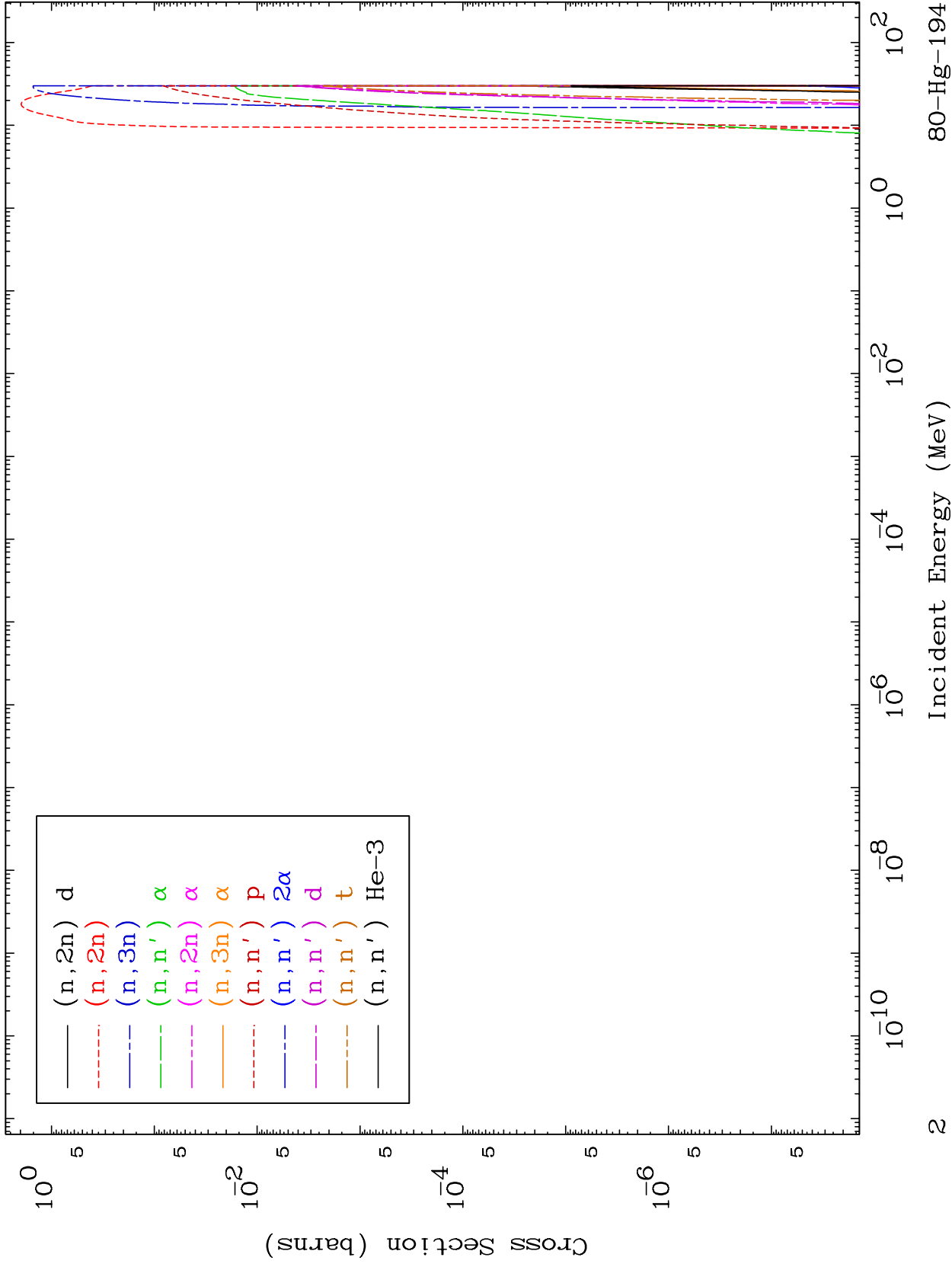
80-Hg-194



MAT 8019

Neutron Absorption
293 Kelvin Cross Sections

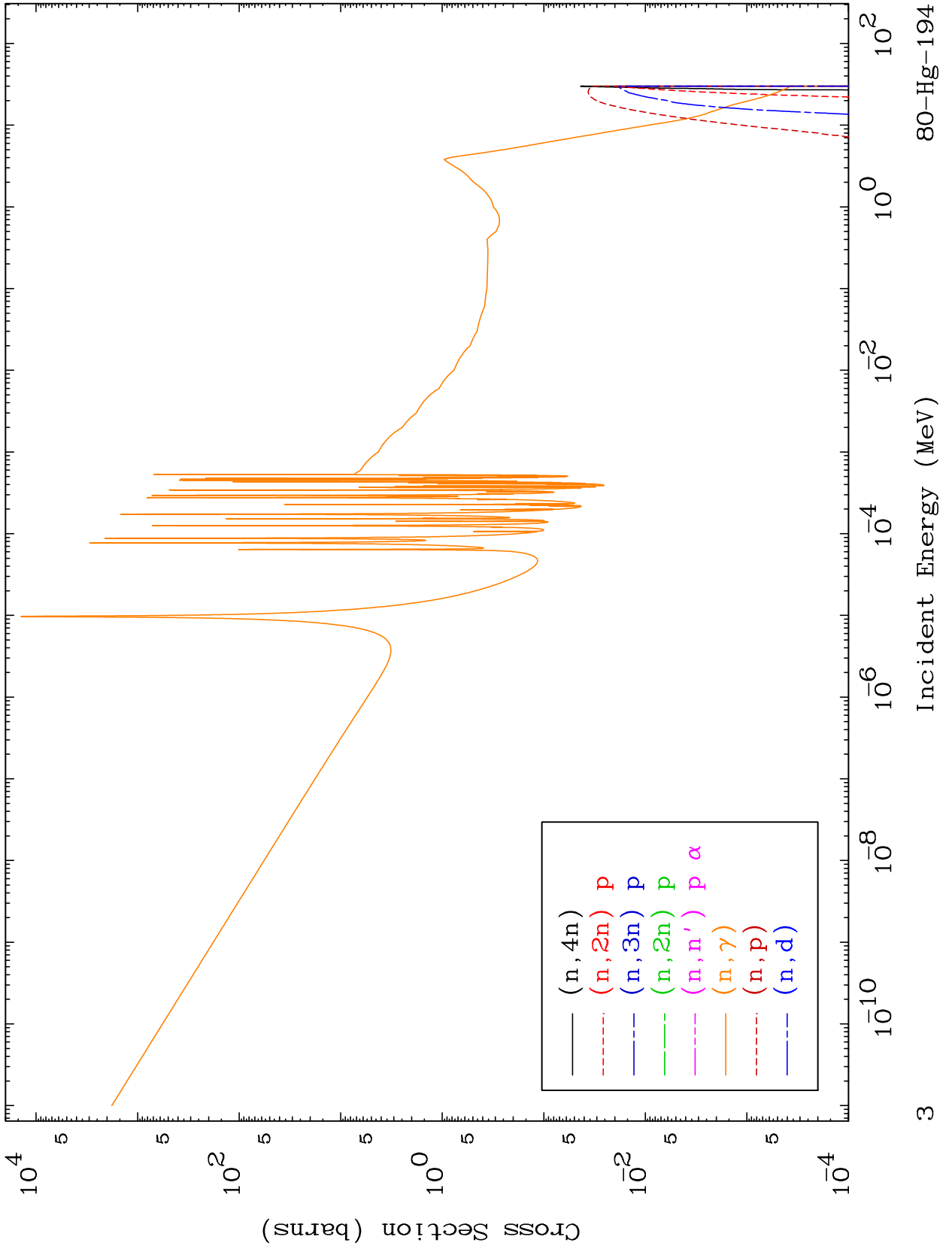
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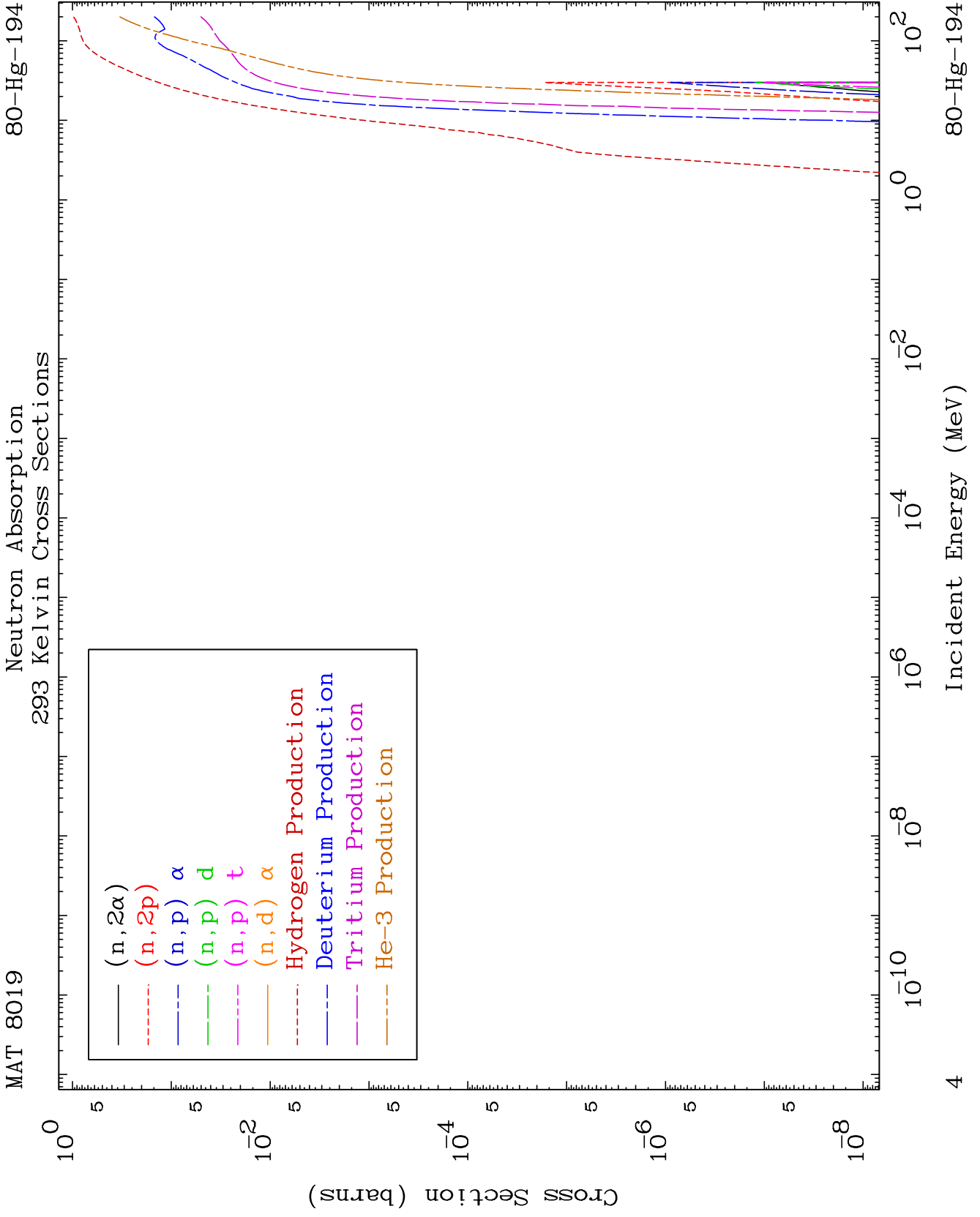


MAT 8019

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-194

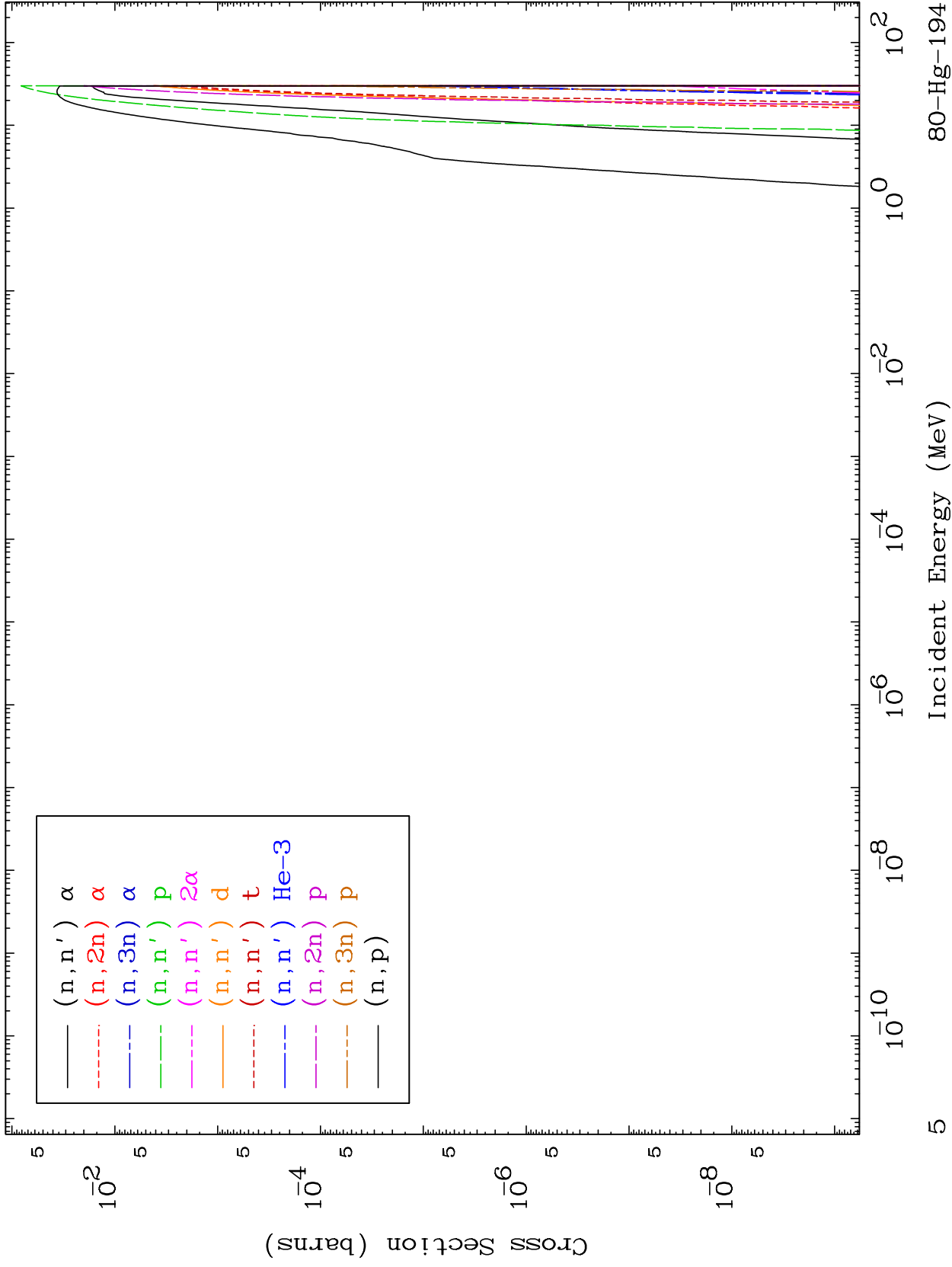




MAT 8019

Charged Particle
293 Kelvin Cross Sections

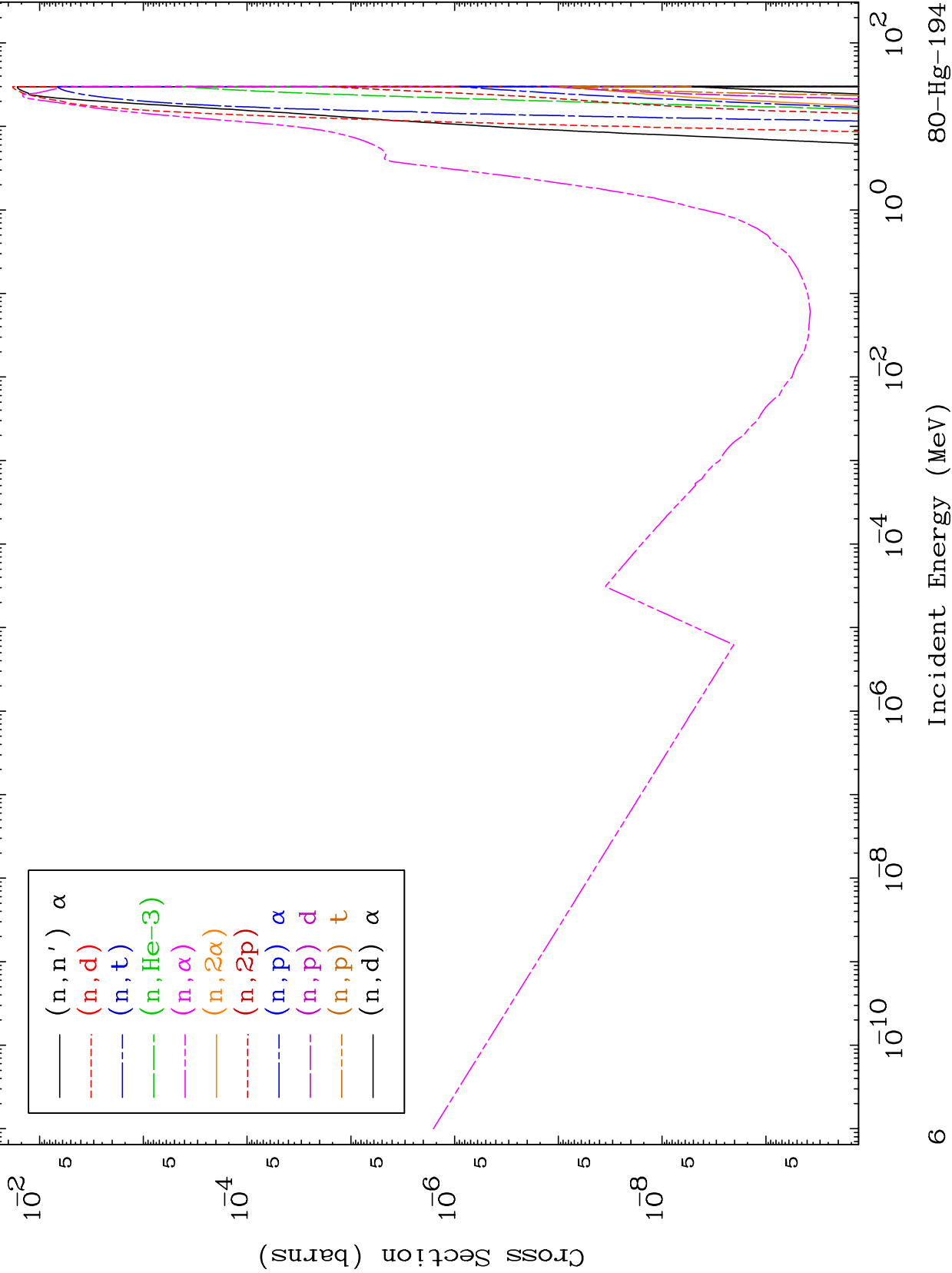
80-Hg-194



MAT 8019

Charged Particle
293 Kelvin Cross Sections

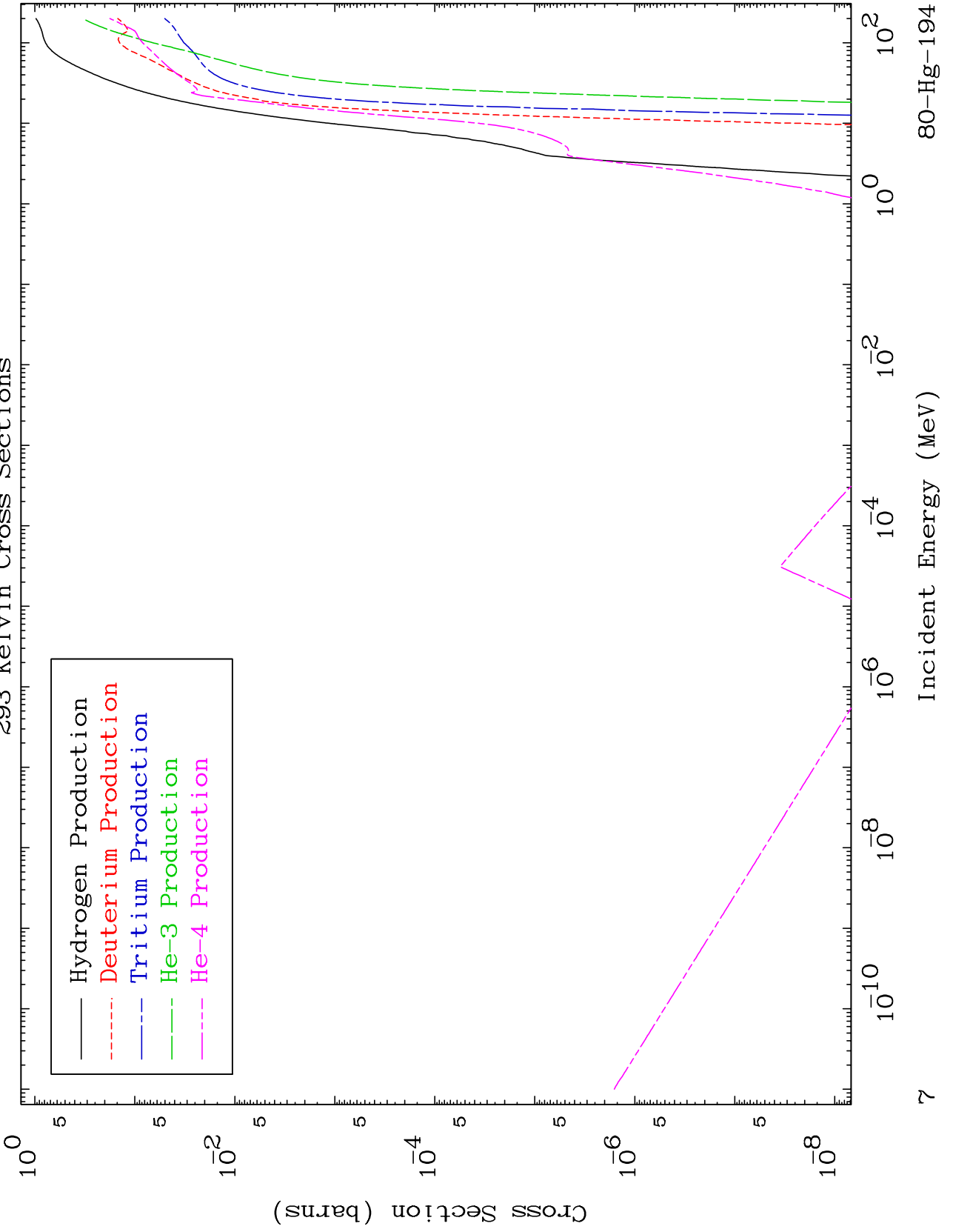
80-Hg-194



MAT 8019

Particle Production
293 Kelvin Cross Sections

80-Hg-194

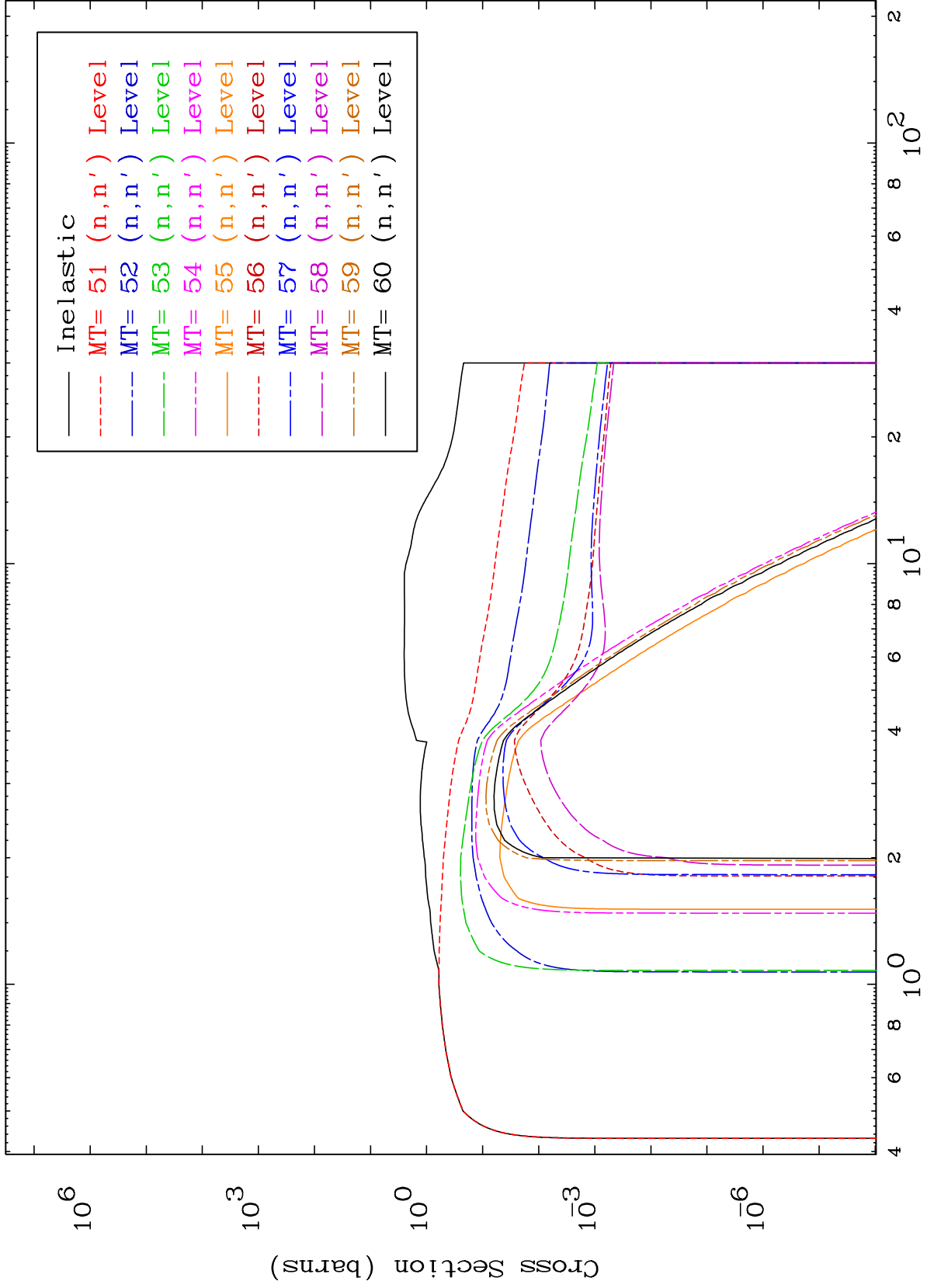


MAT 8019

(n,n') Levels

80-Hg-194

293 Kelvin Cross Sections



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Incident Energy (MeV)

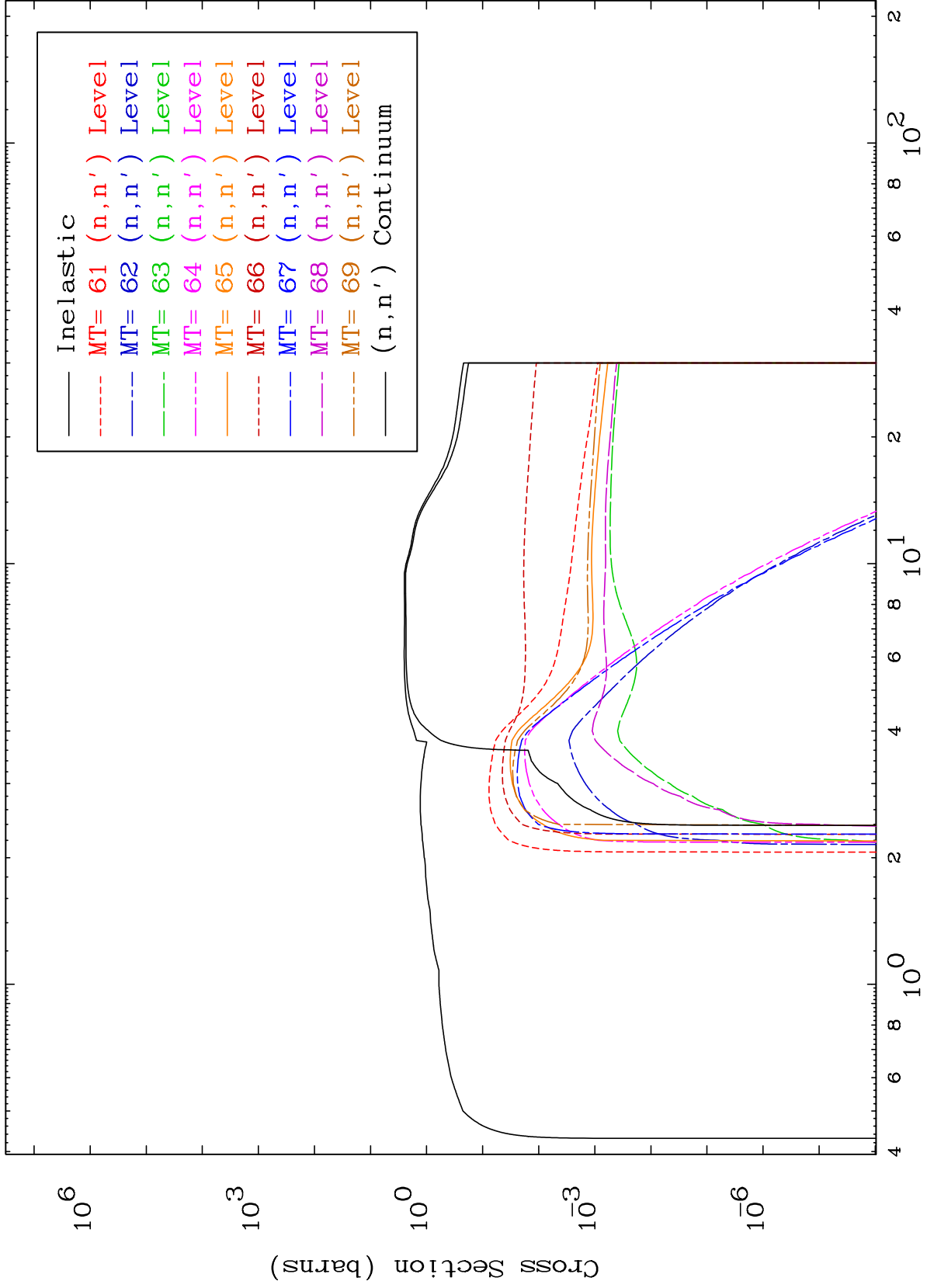
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MAT 8019

(n,n') Levels

80-Hg-194

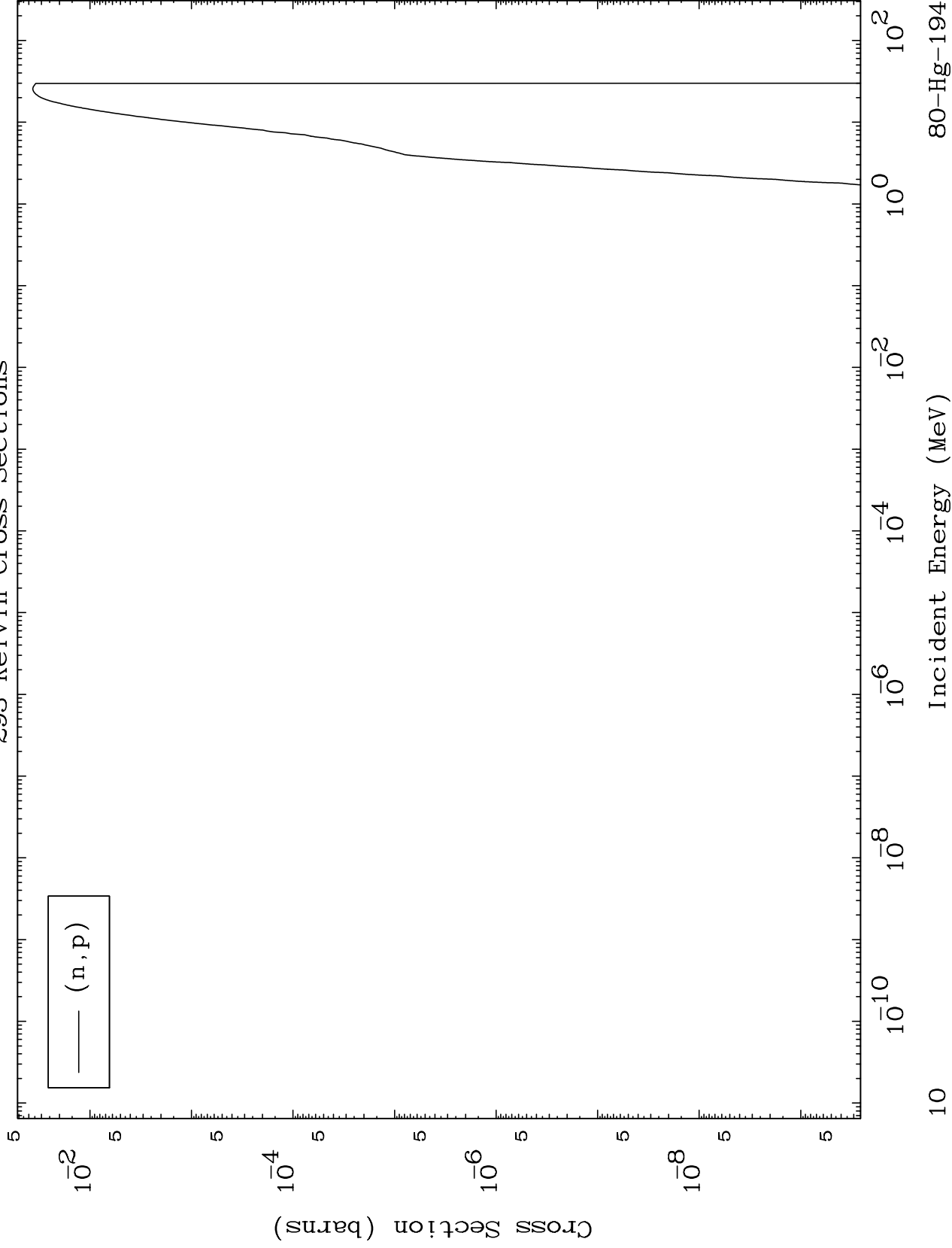
293 Kelvin Cross Sections



MAT 8019

(n,p) Levels
293 Kelvin Cross Sections

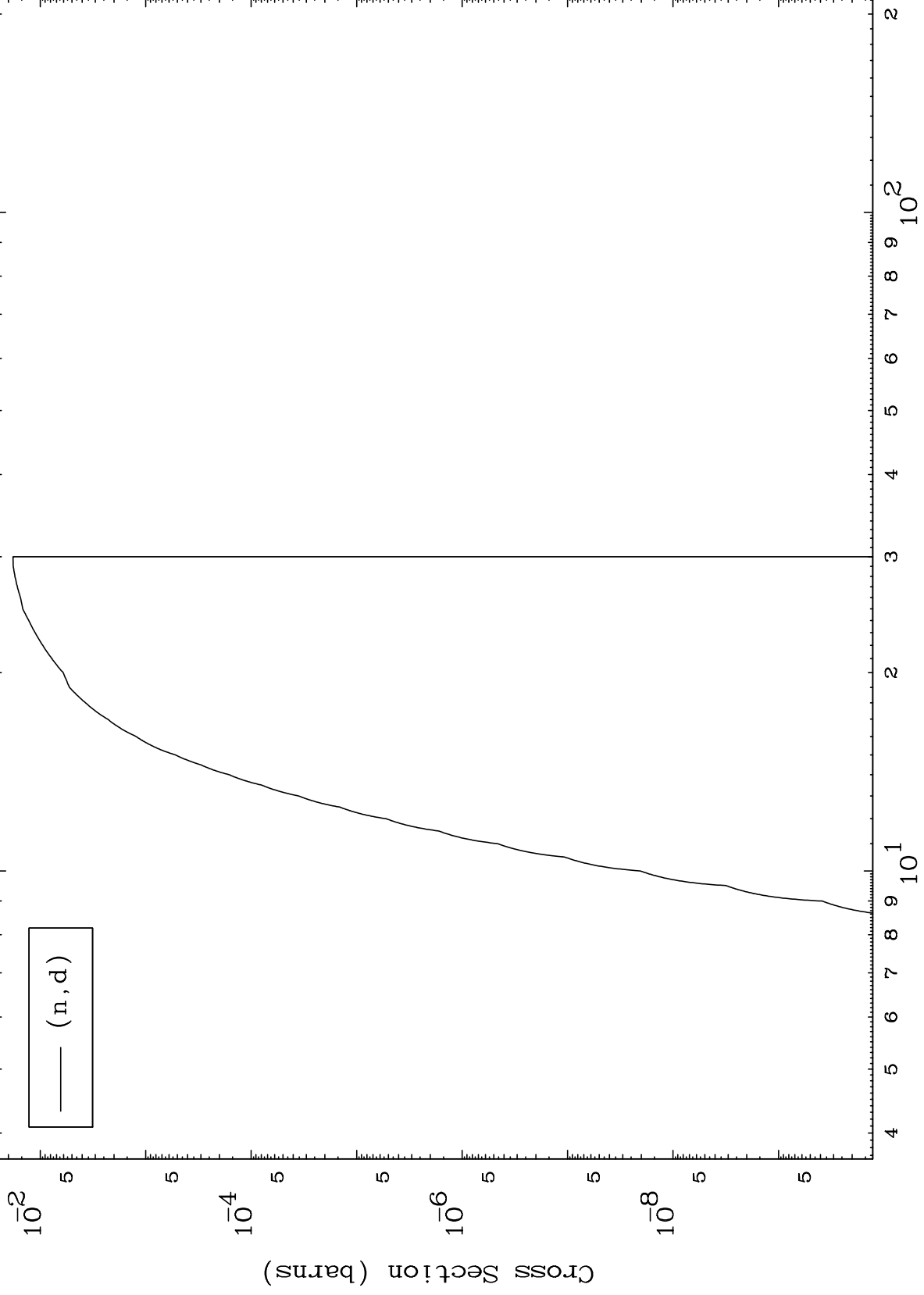
80-Hg-194



MAT 8019

(n,d) Levels
293 Kelvin Cross Sections

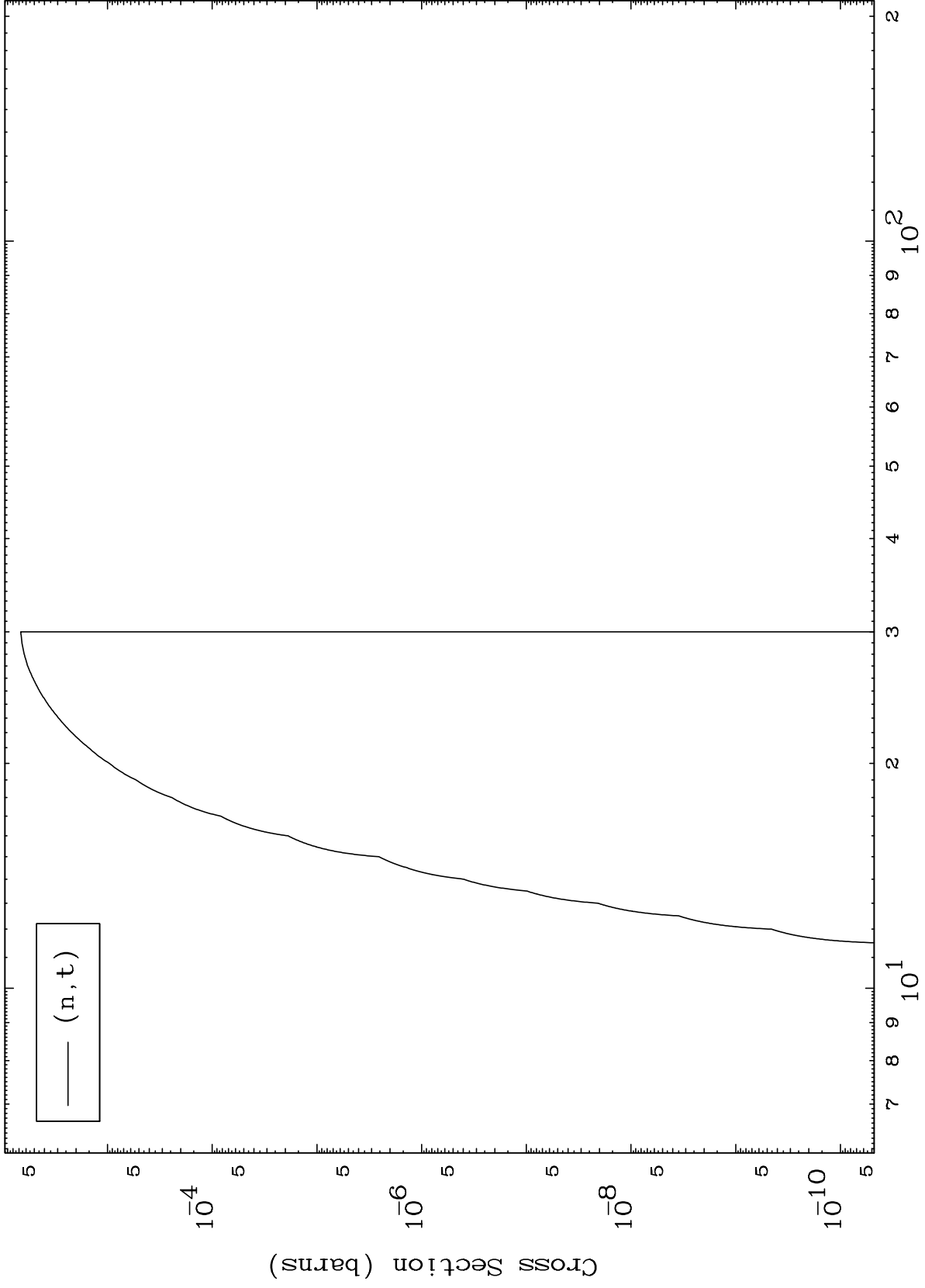
80-Hg-194



MAT 8019

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-194



12

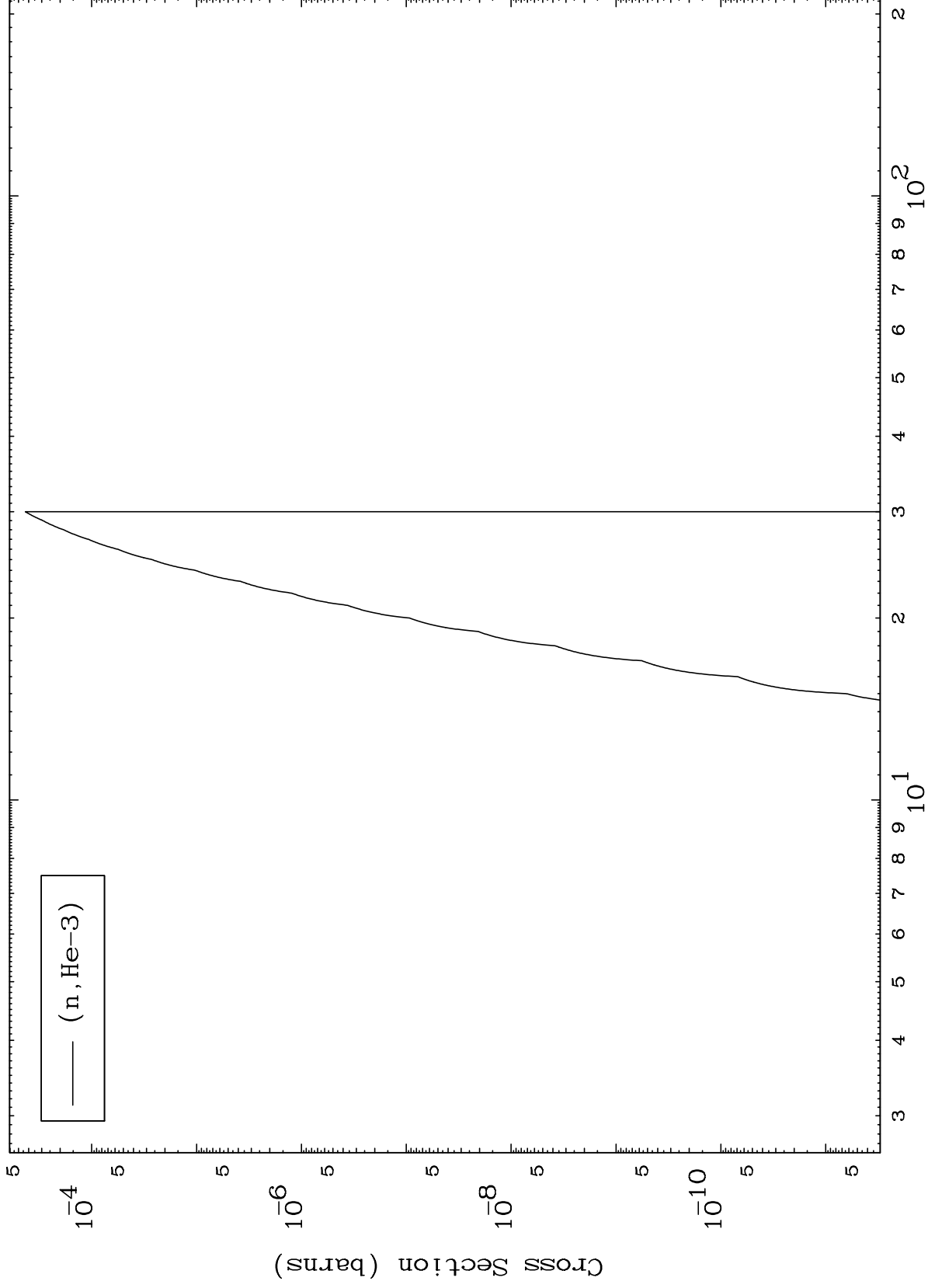
Incident Energy (MeV)

80-Hg-194

MAT 8019

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-194



13

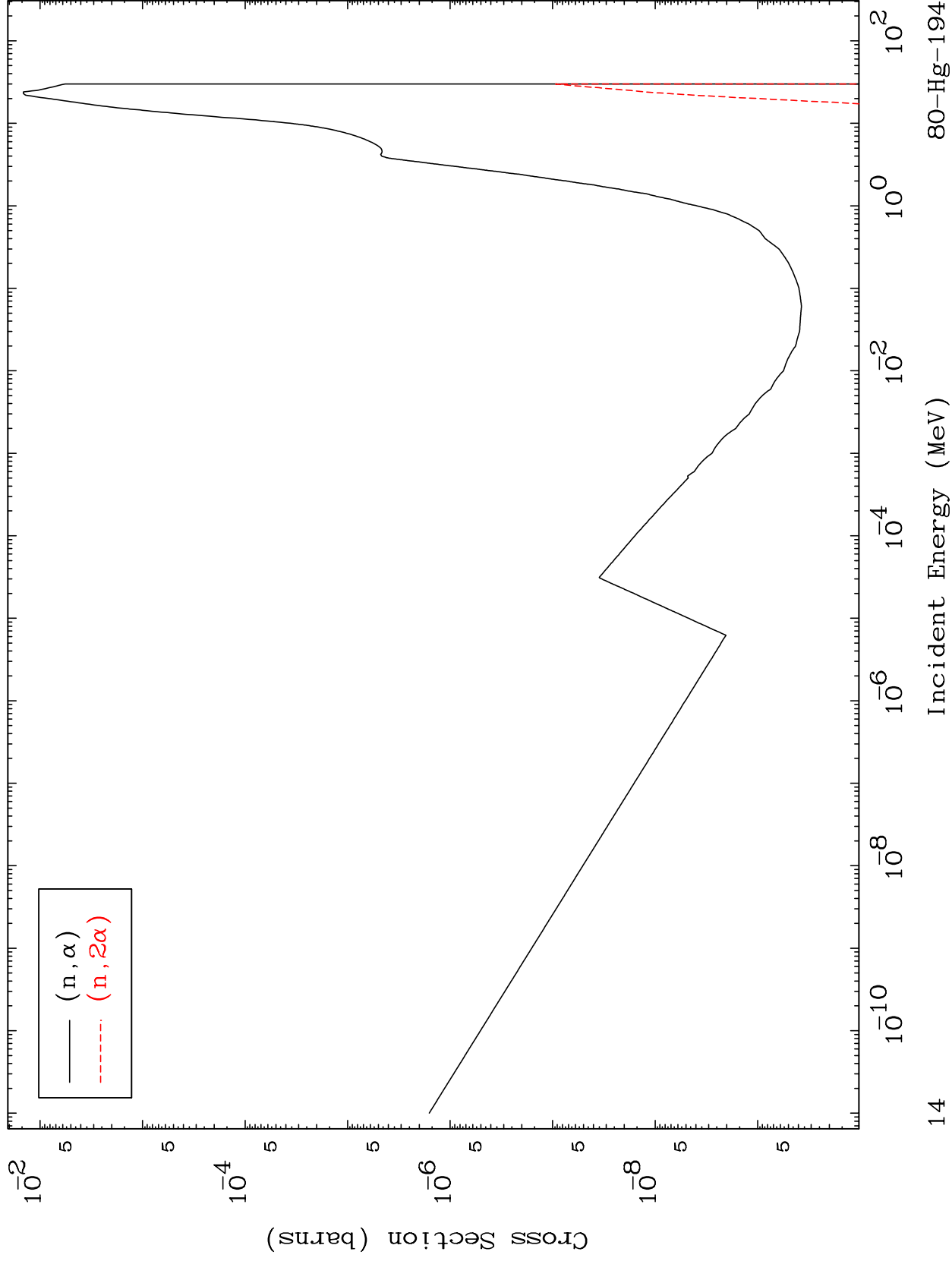
Incident Energy (MeV)

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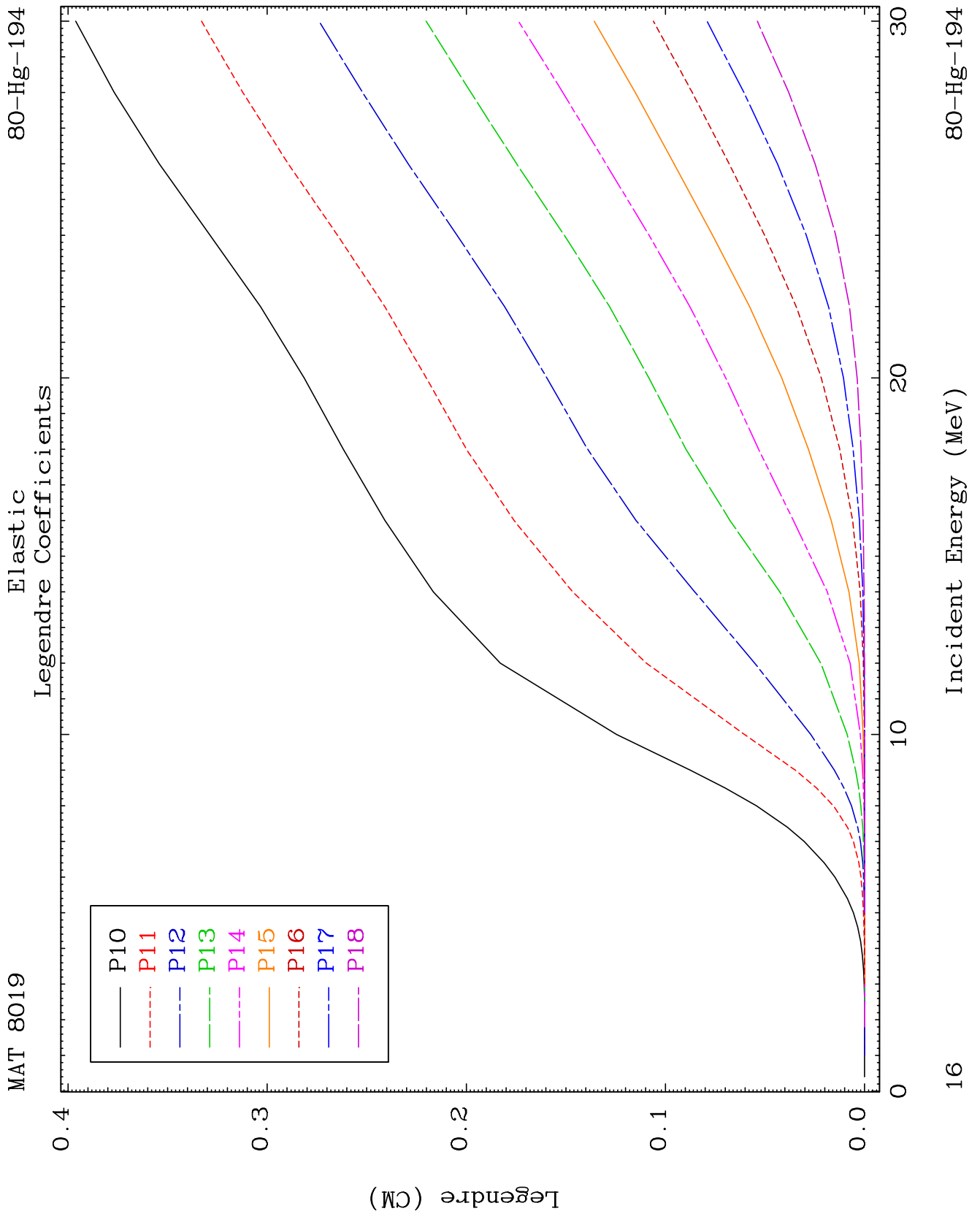
MAT 8019

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-194



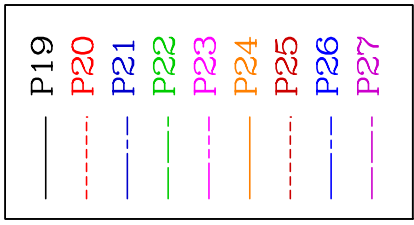
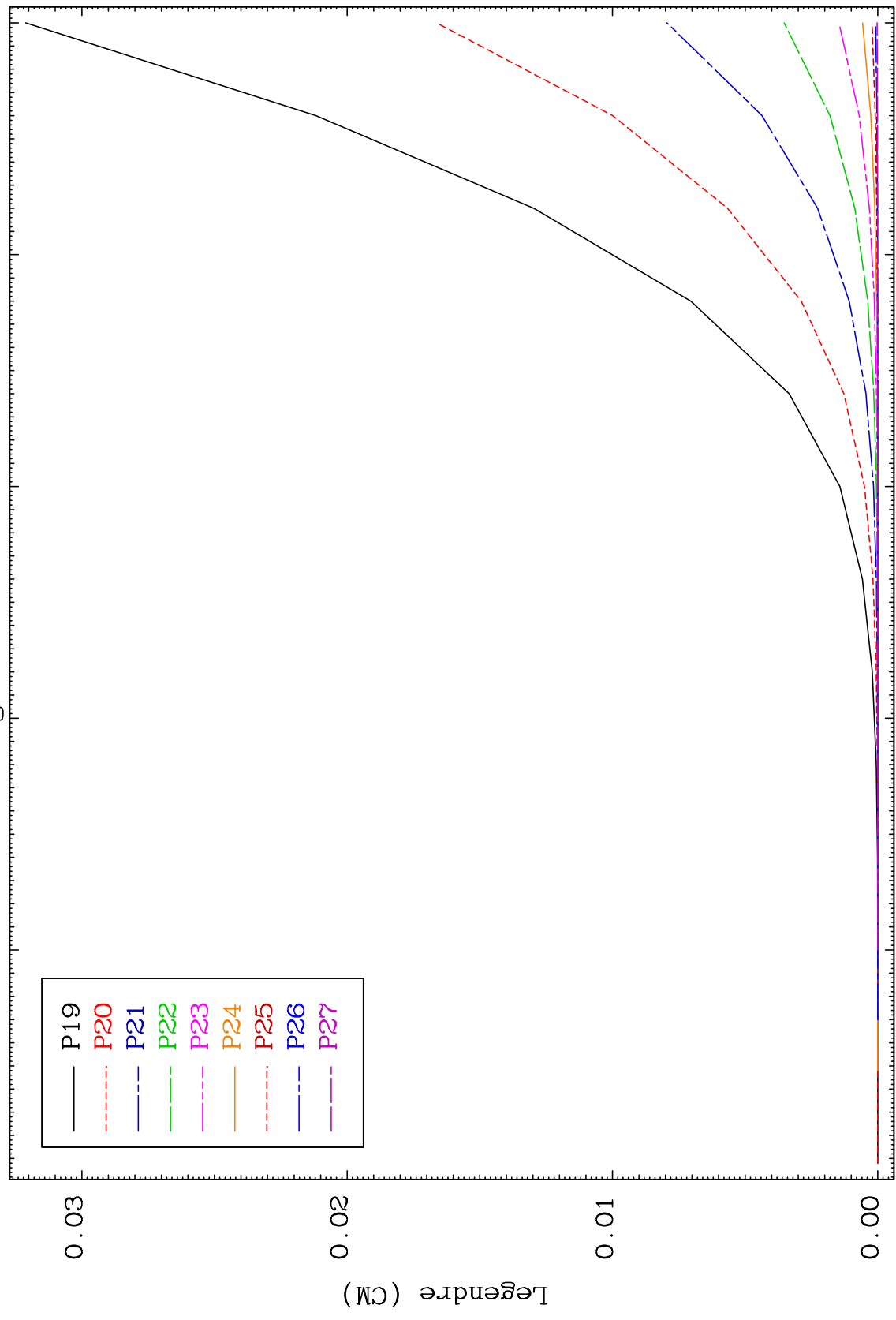
14



MAT 8019

Elastic Legendre Coefficients

80-Hg-194



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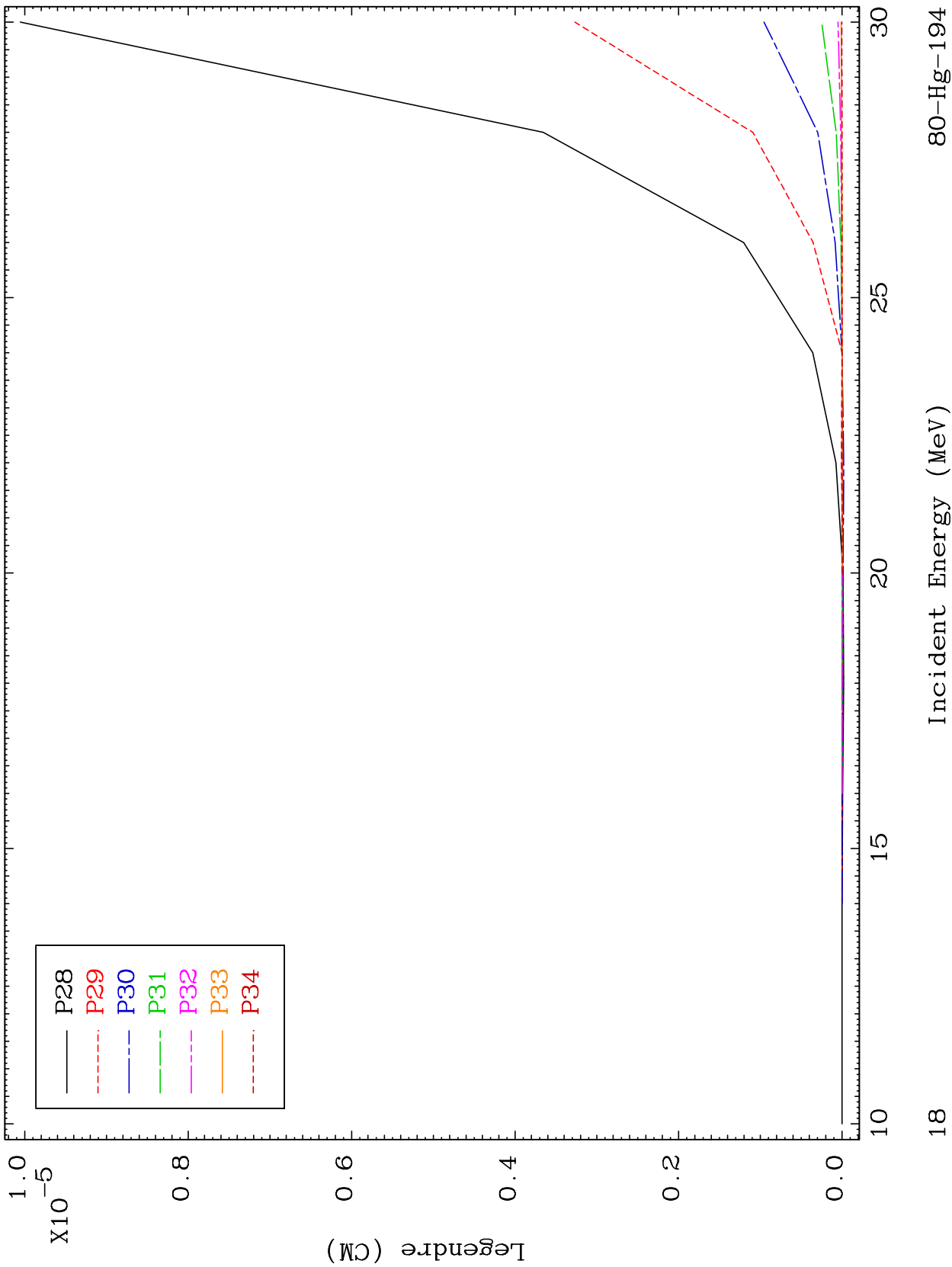
Incident Energy (MeV)

80-Hg-194

MAT 8019

Elastic Legendre Coefficients

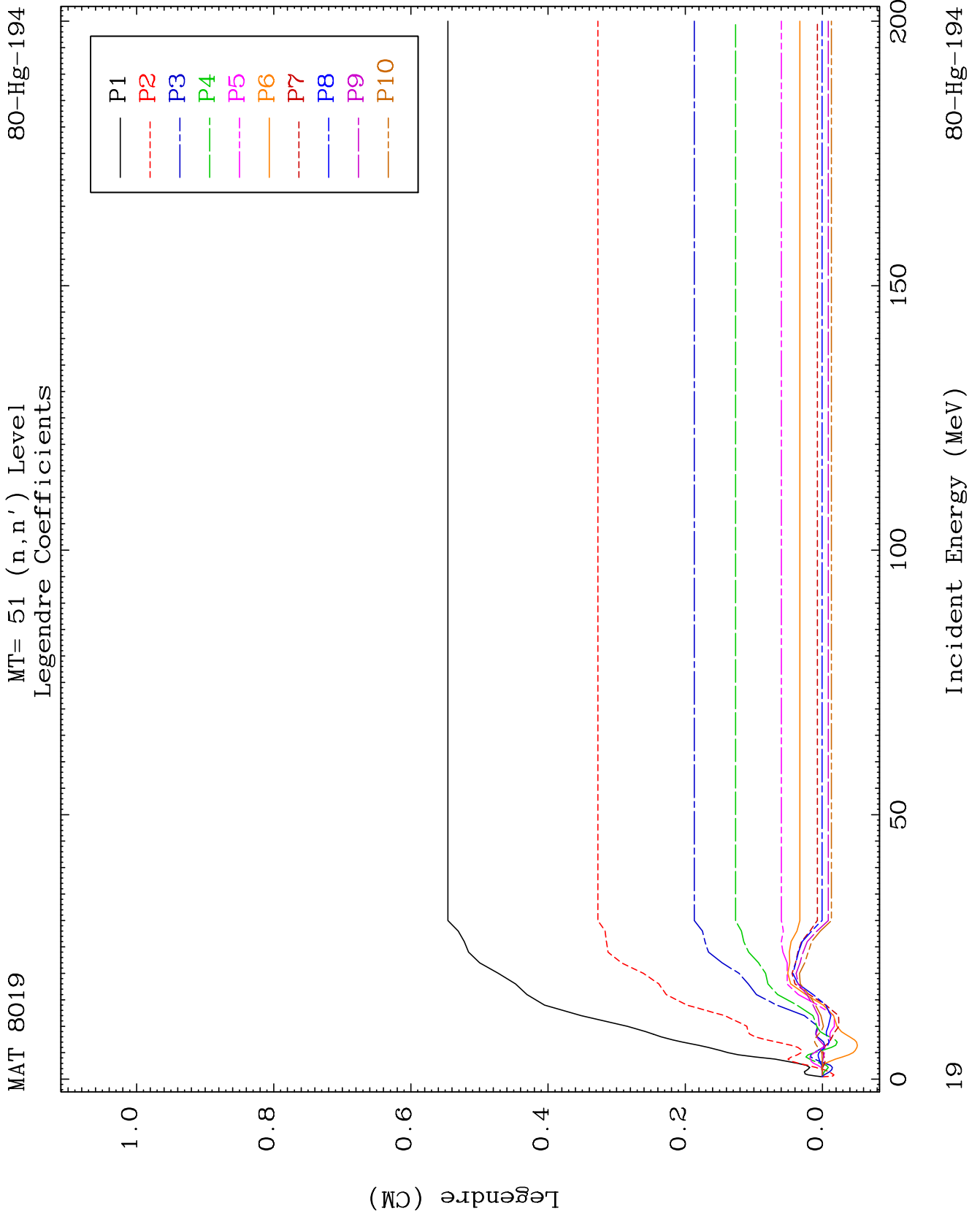
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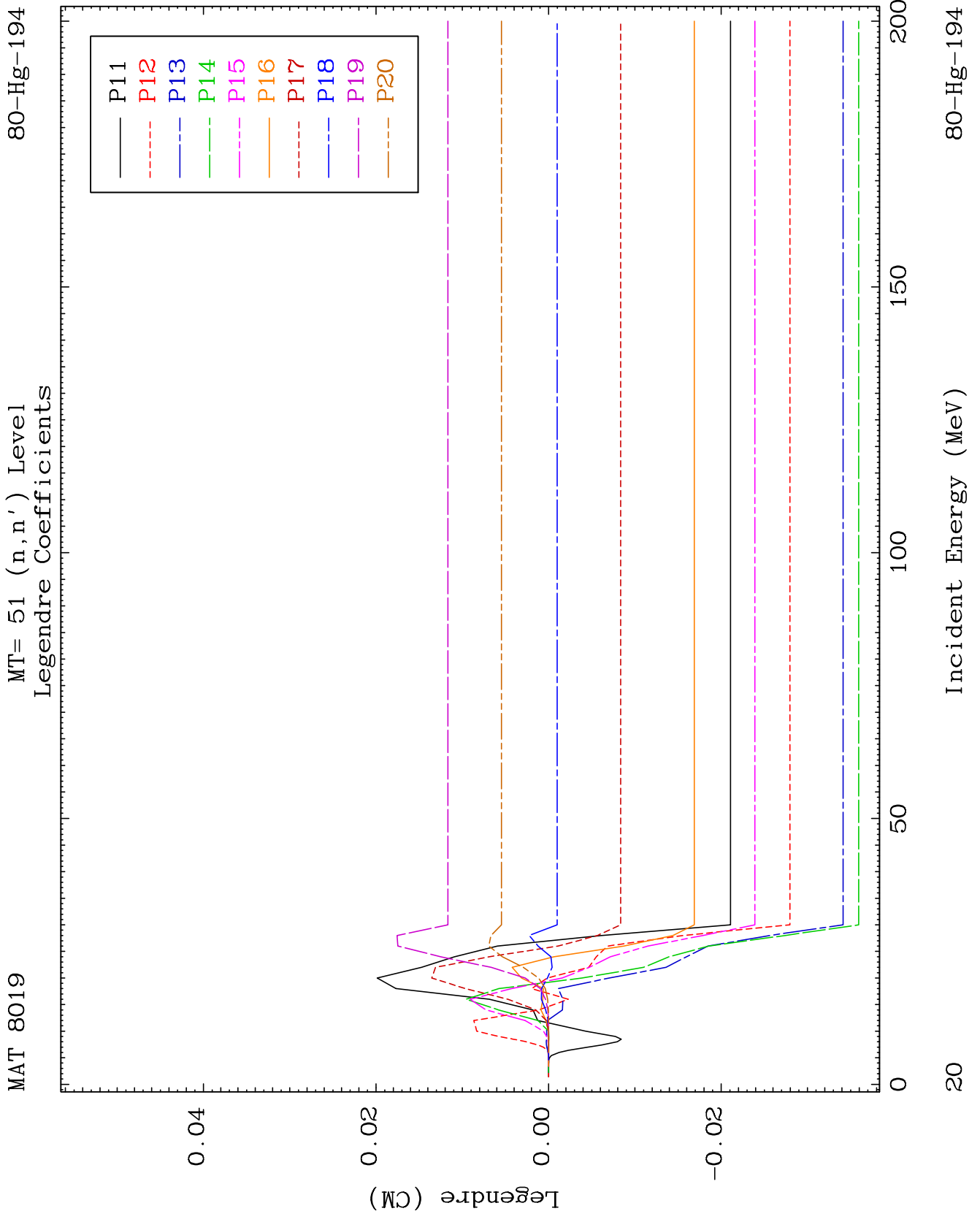


80-Hg-194

Incident Energy (MeV)

18

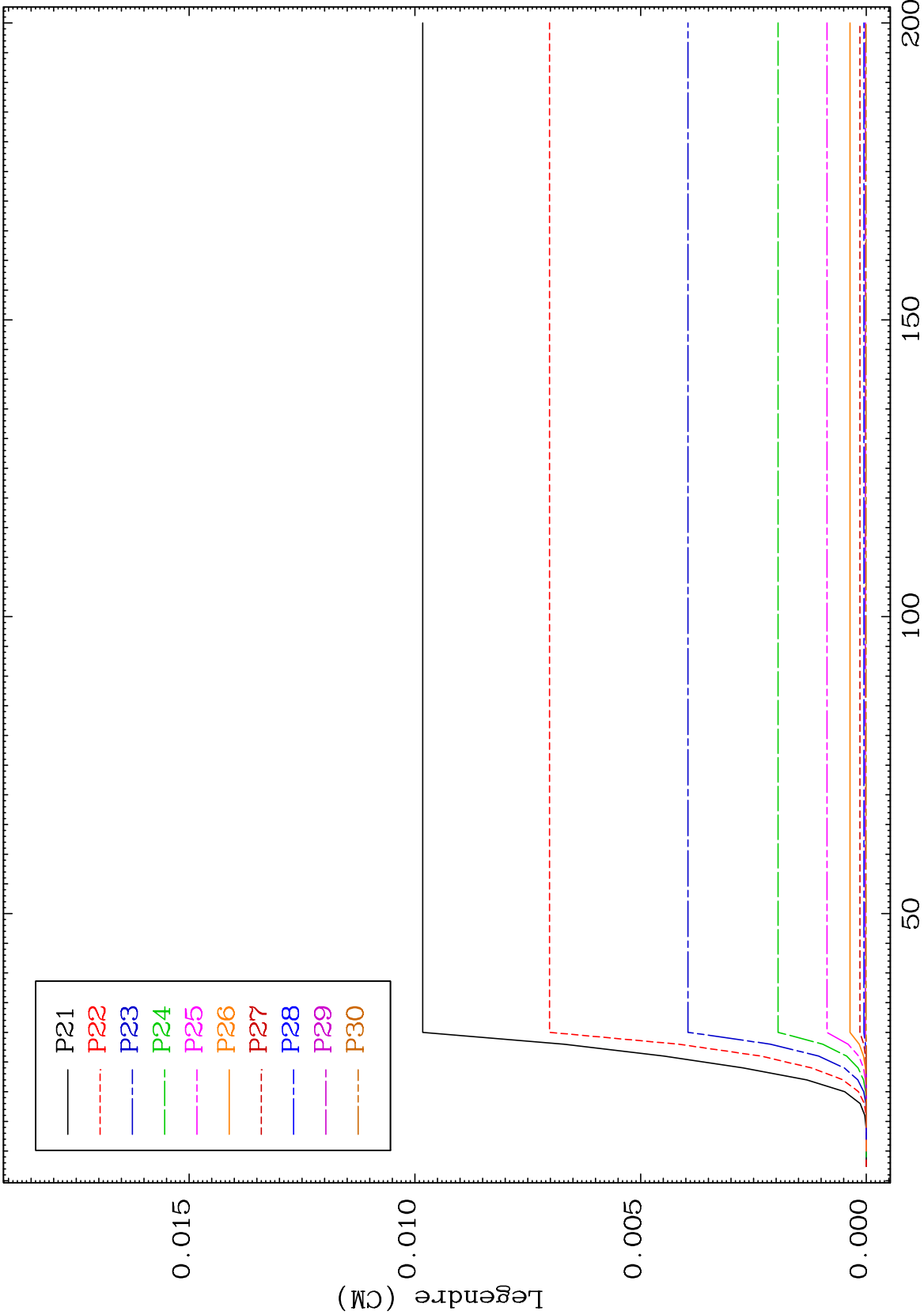


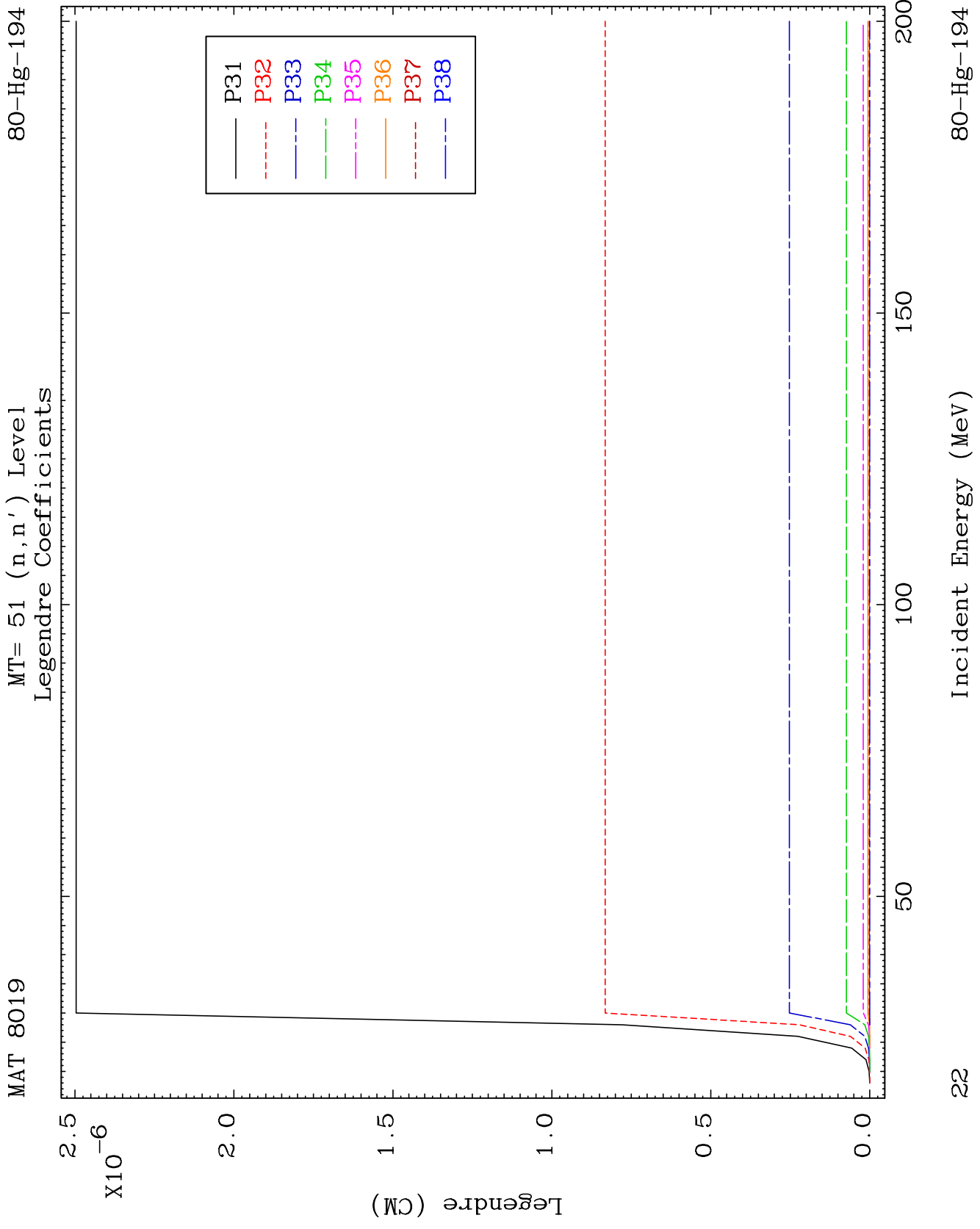


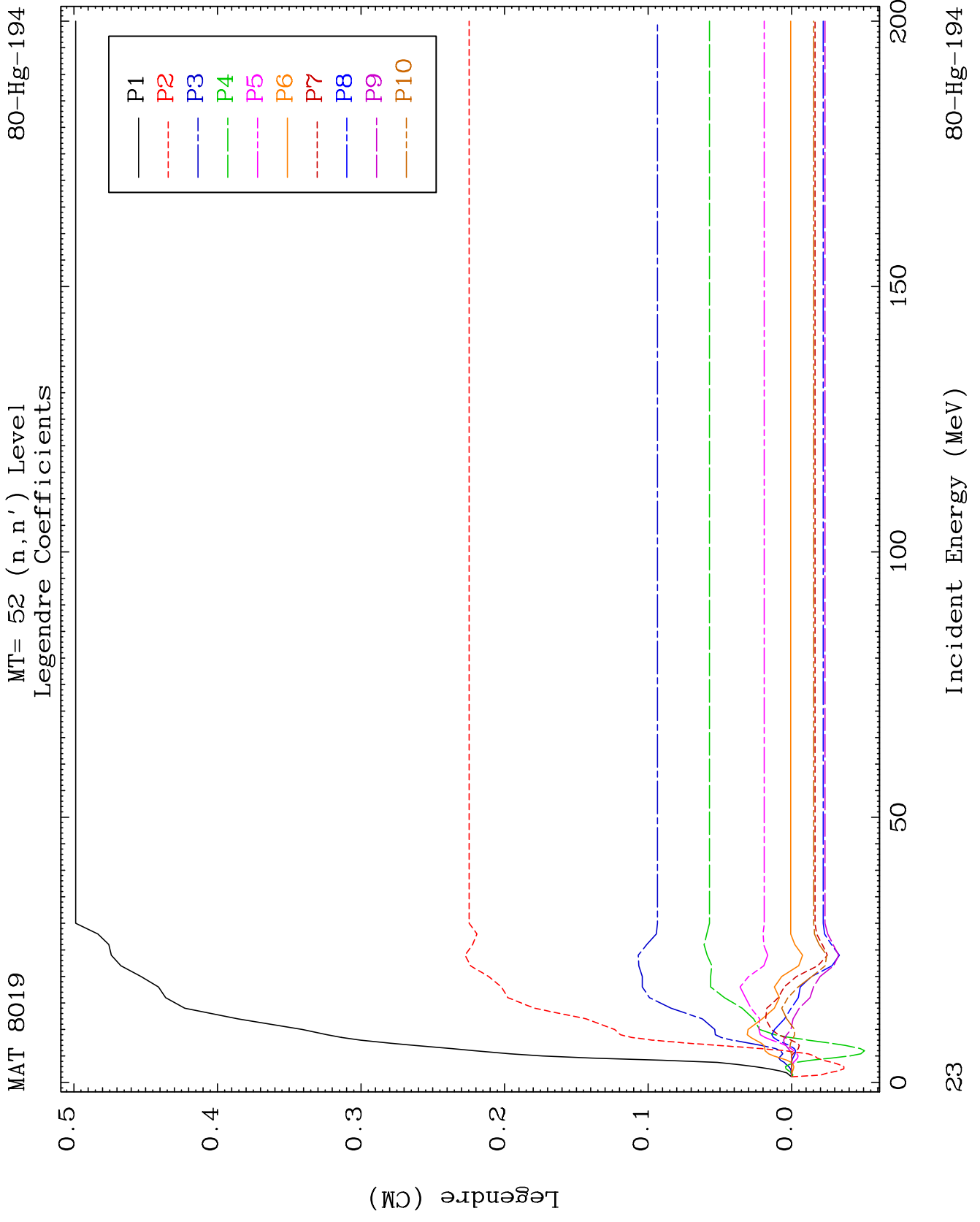
MAT 8019

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

80-Hg-194



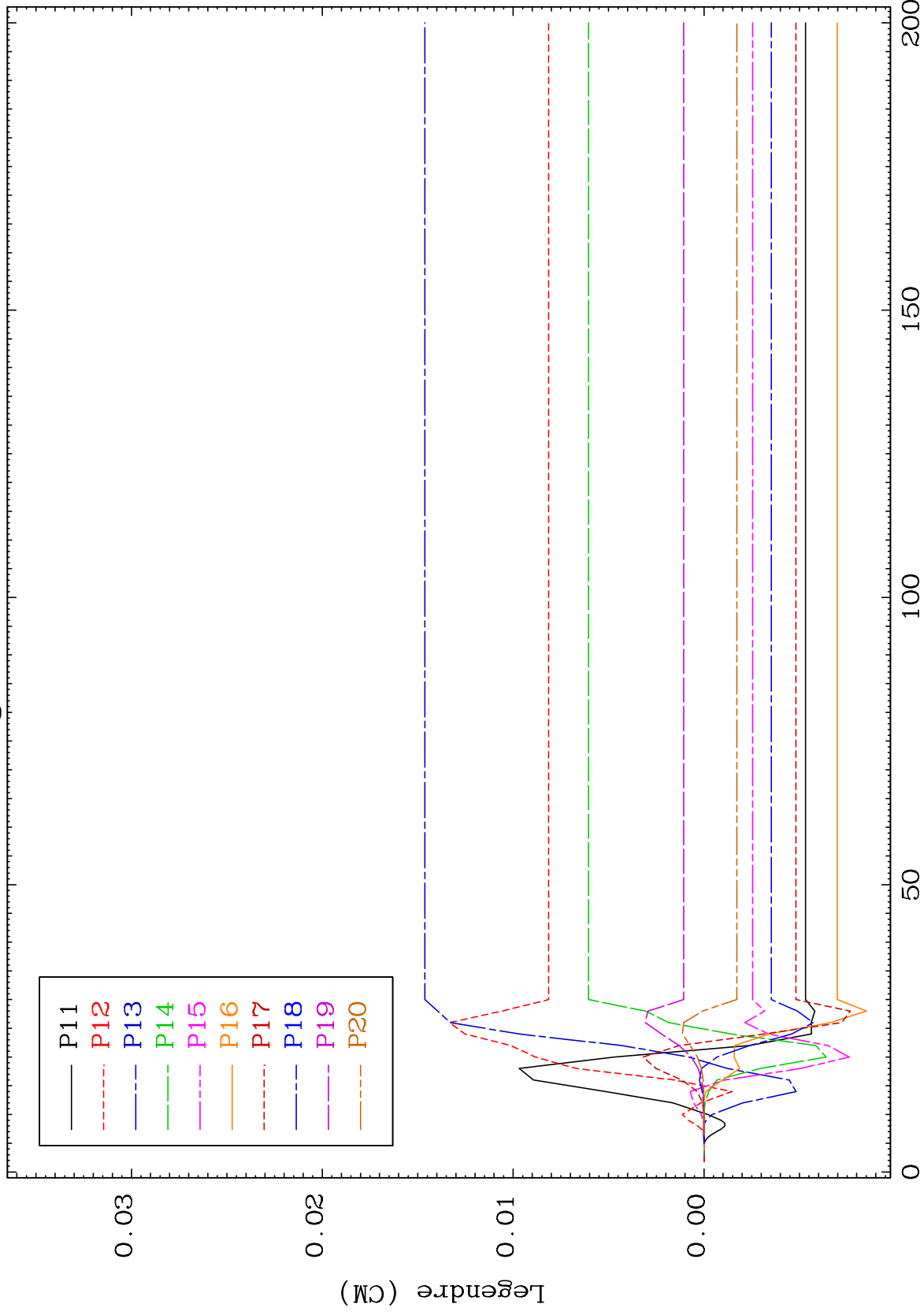




MAT 8019

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

80-Hg-194



24

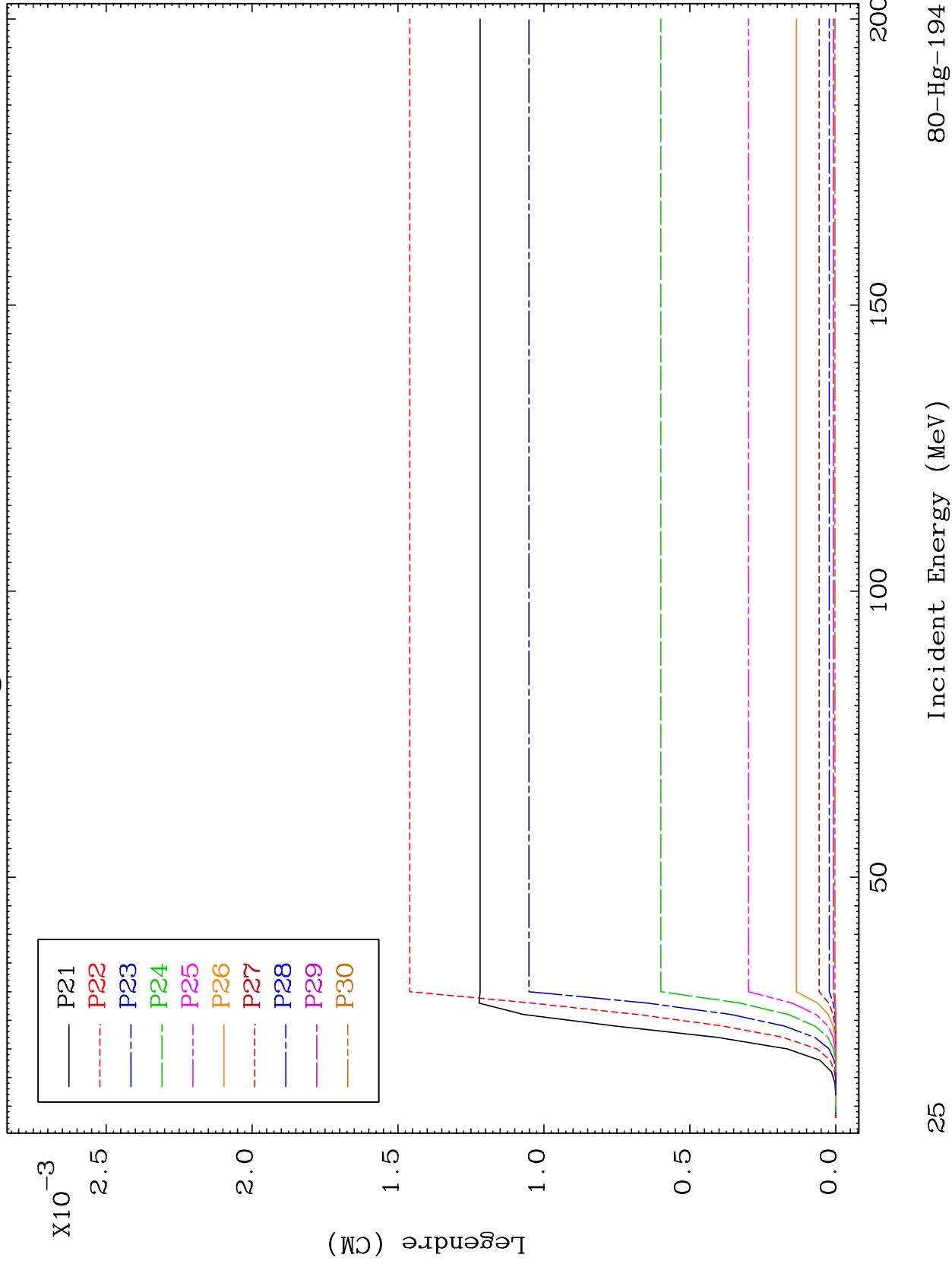
Incident Energy (MeV)

80-Hg-194

MAT 8019

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

80-Hg-194



25

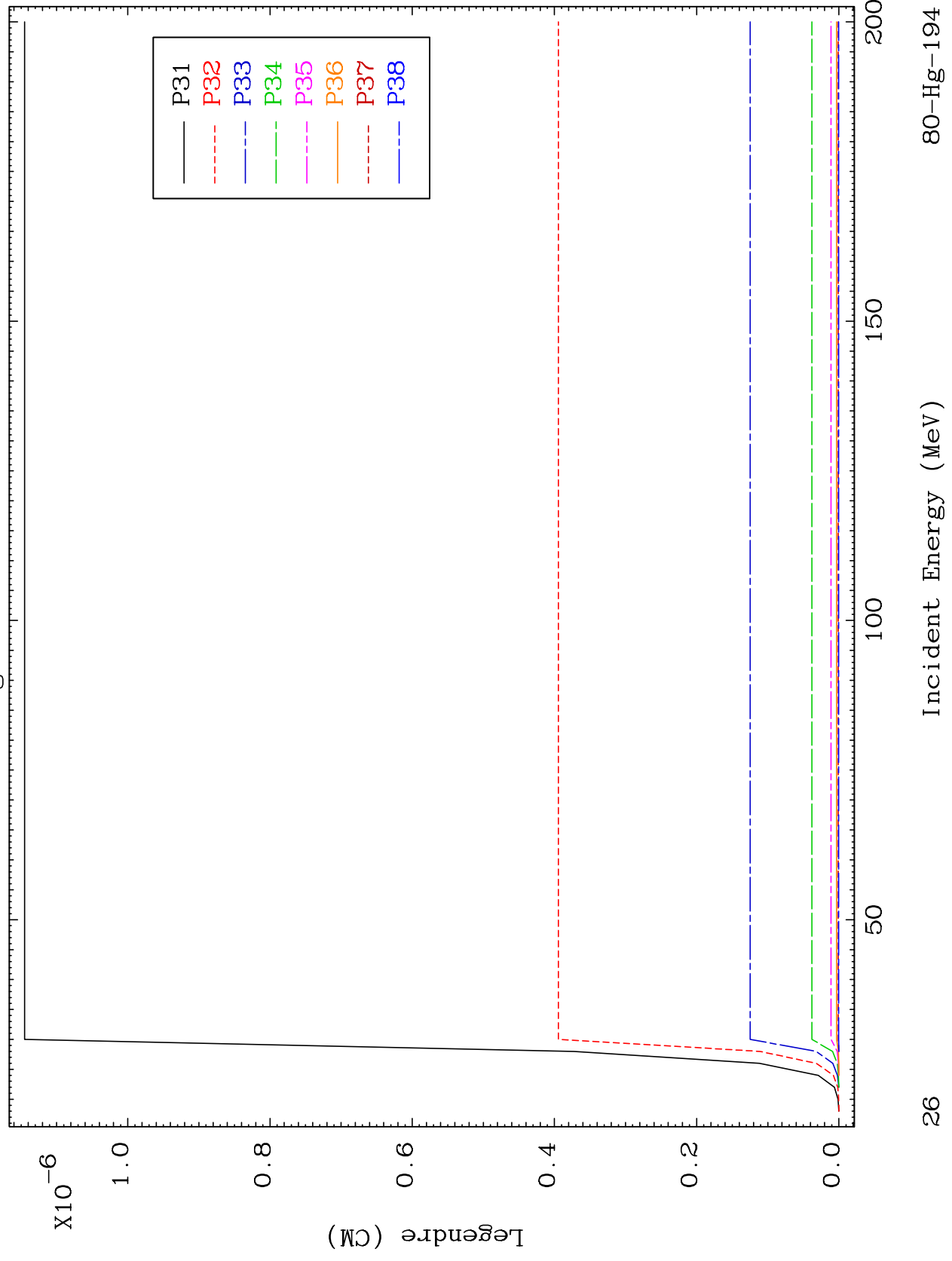
Incident Energy (MeV)

80-Hg-194

MAT 8019

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

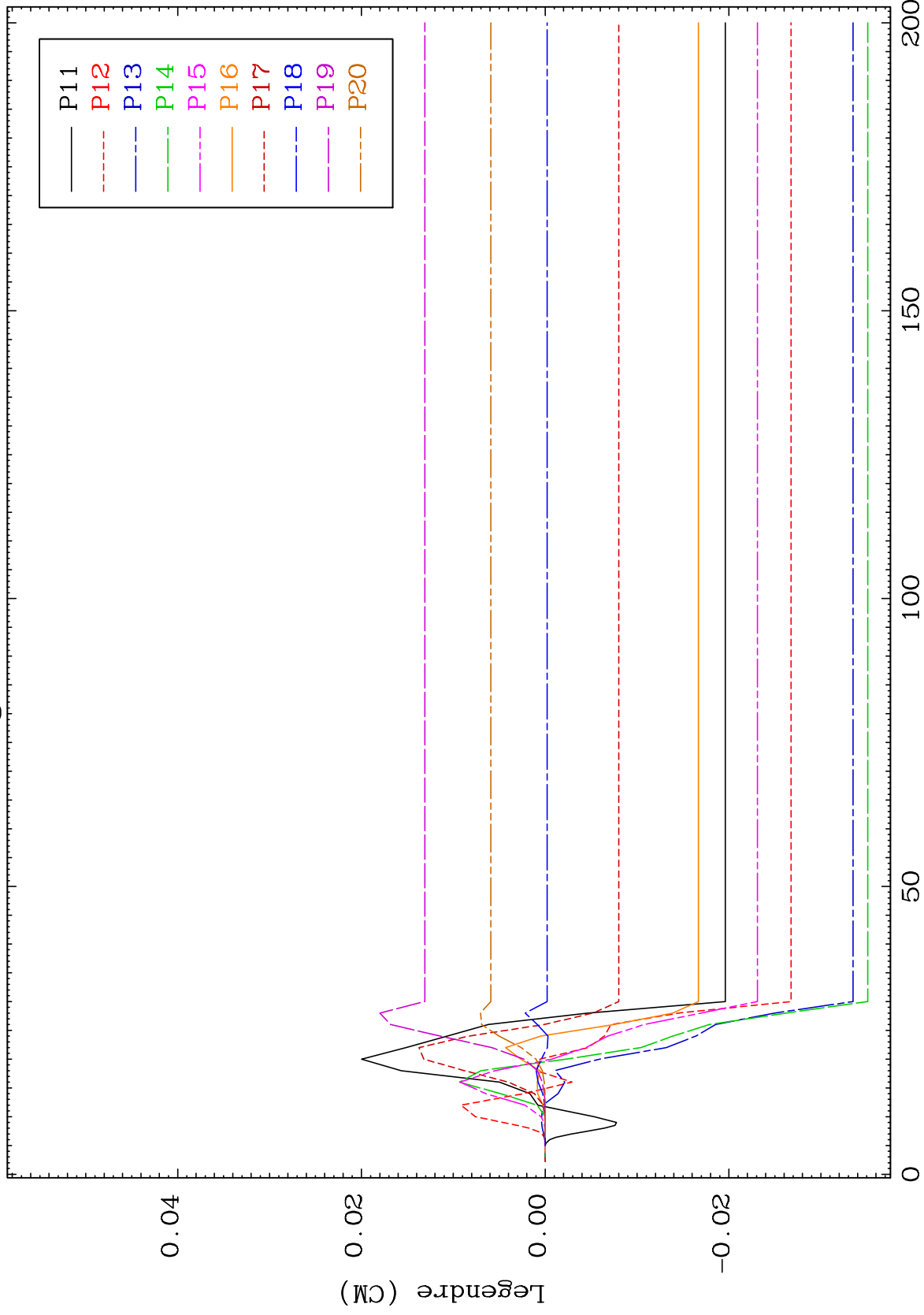
80-Hg-194



MAT 8019

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

80-Hg-194



28

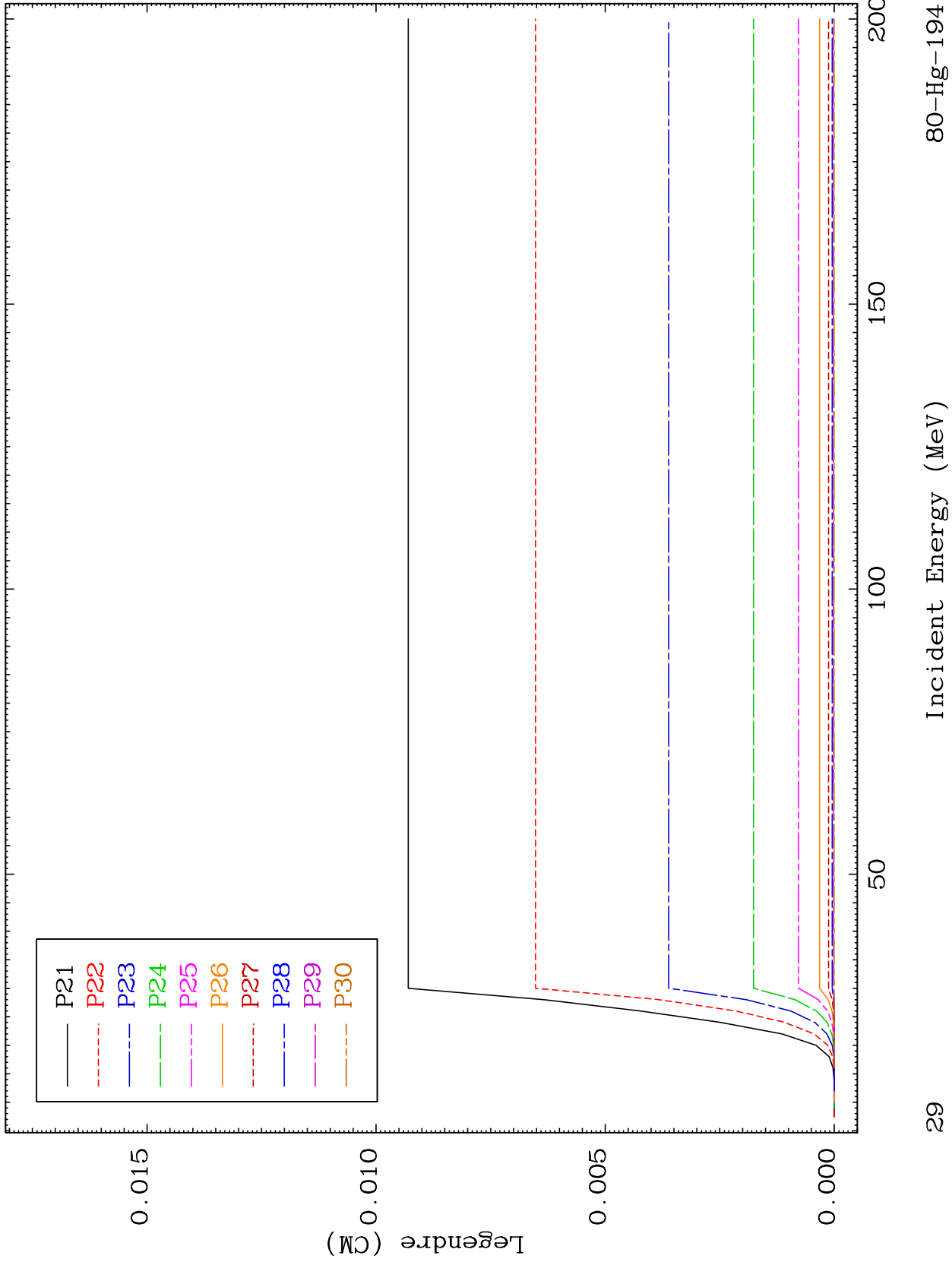
Incident Energy (MeV)

80-Hg-194

MAT 8019

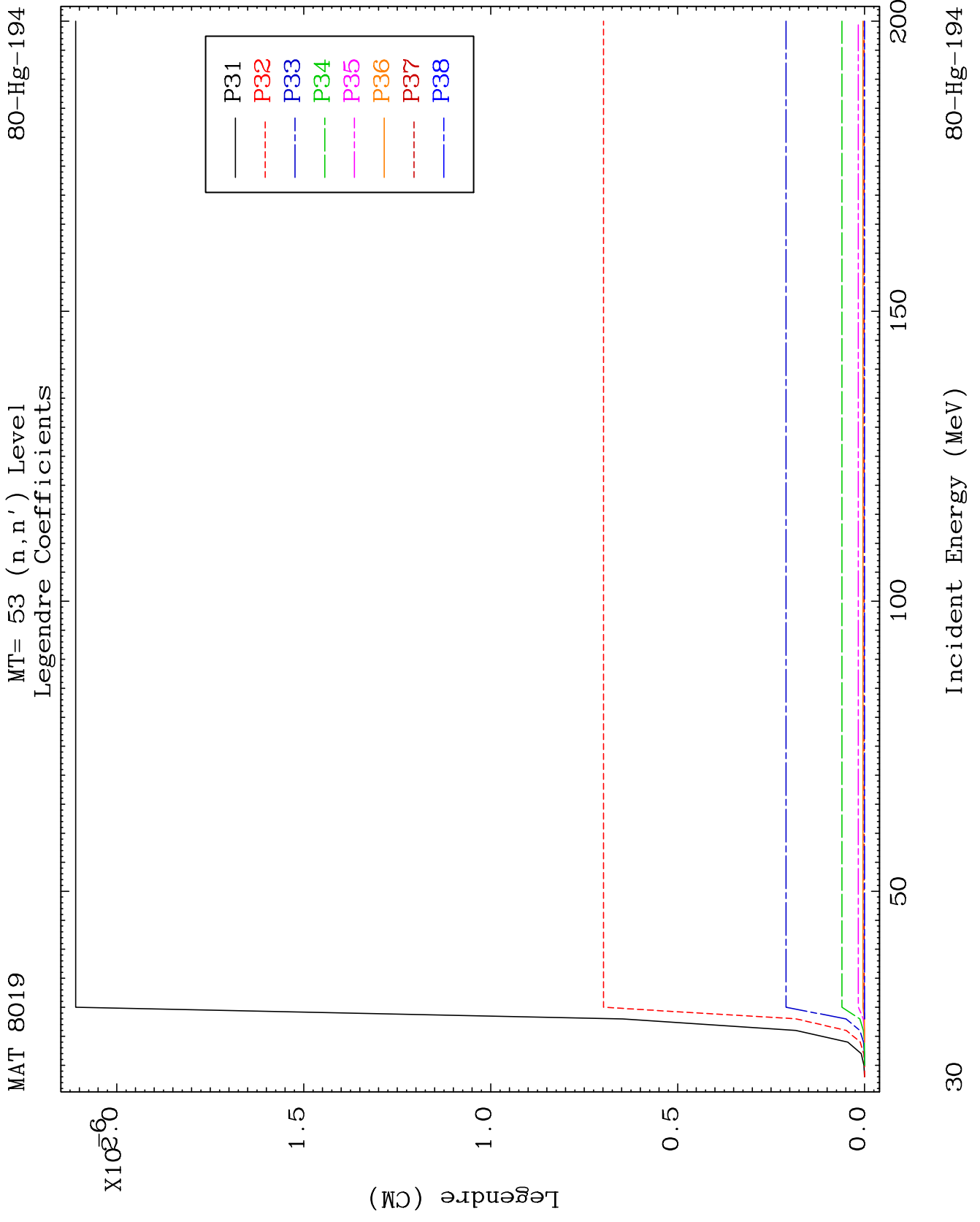
MT= 53 (n,n') Level
Legendre Coefficients

80-Hg-194



29

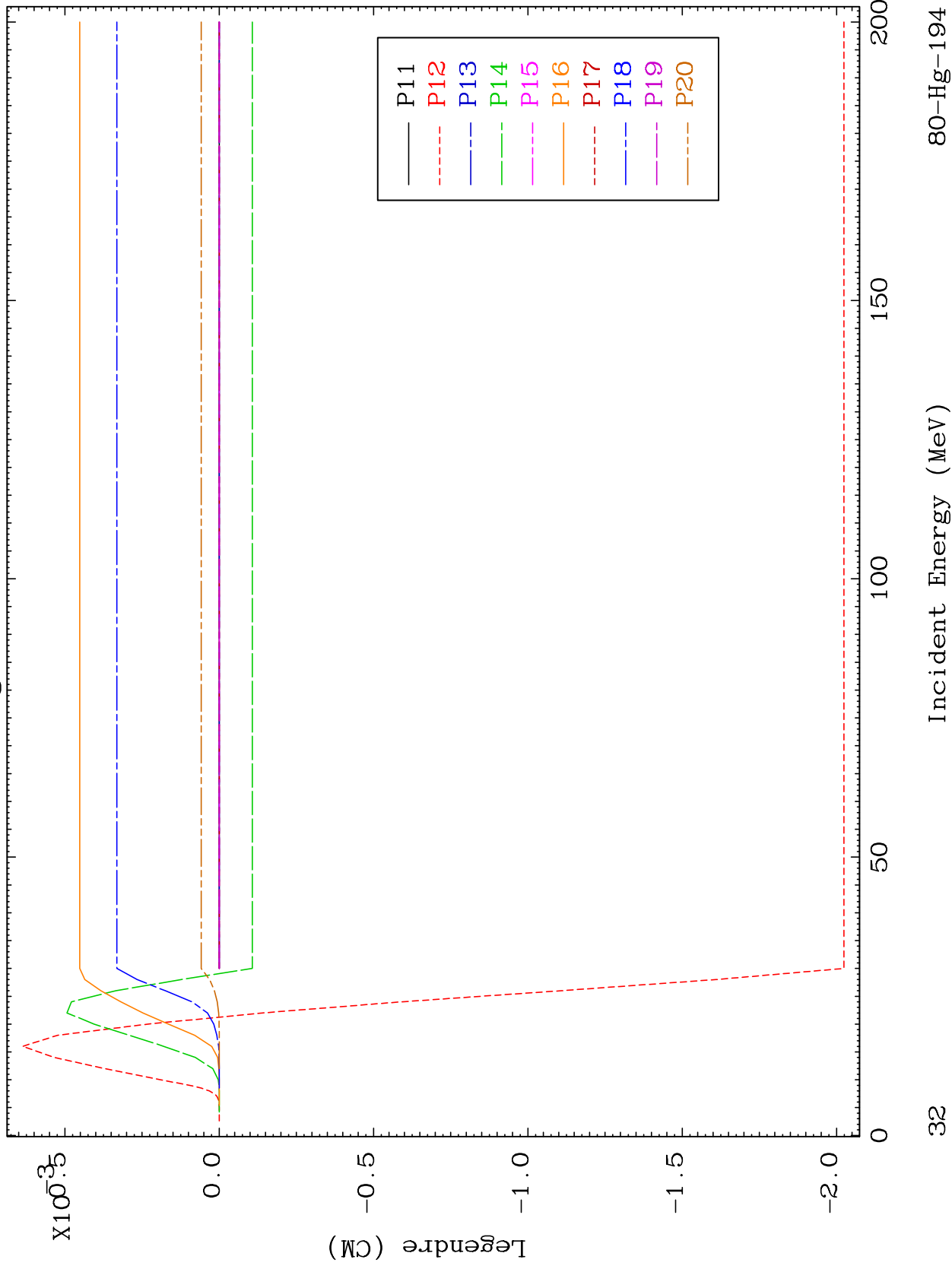
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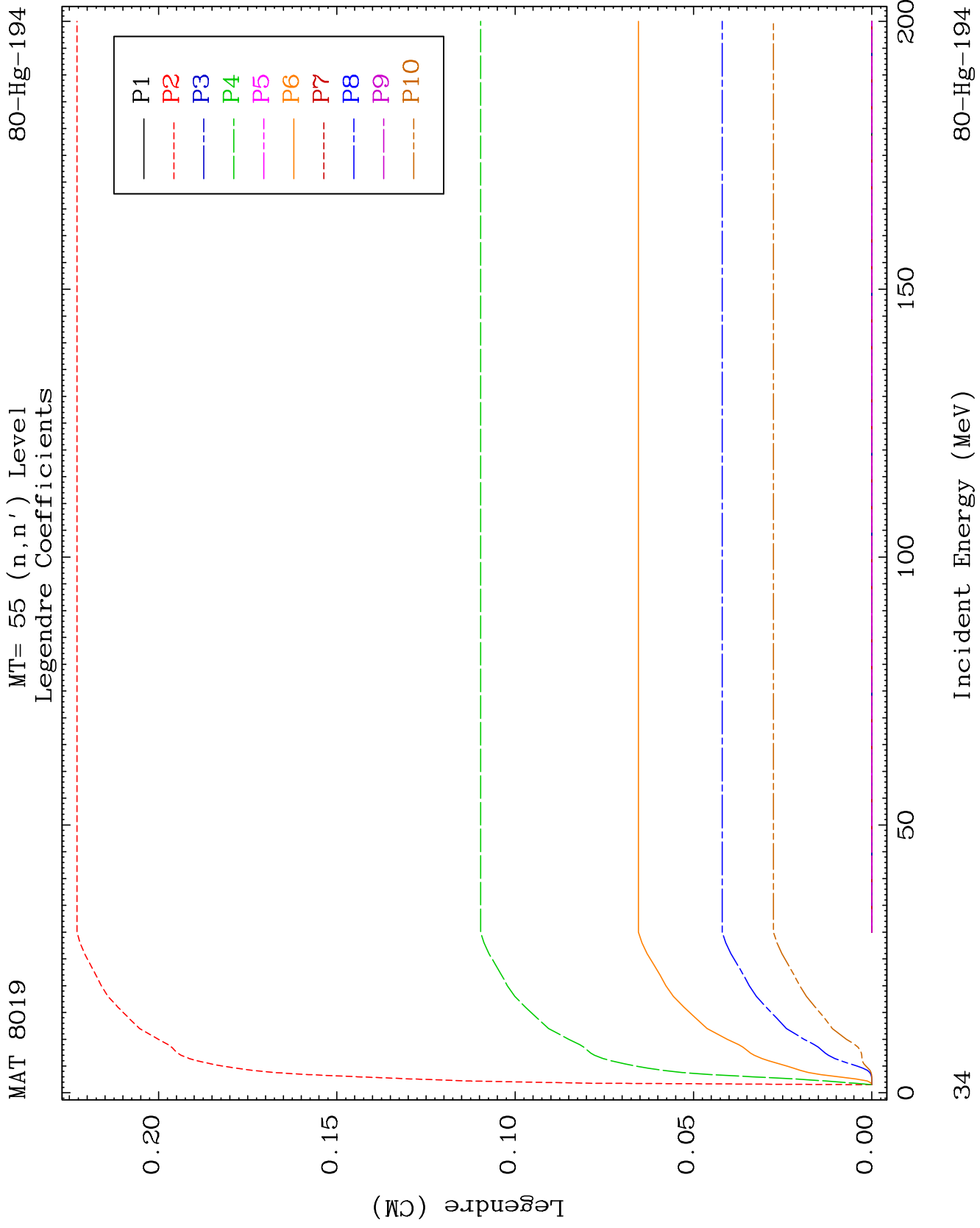


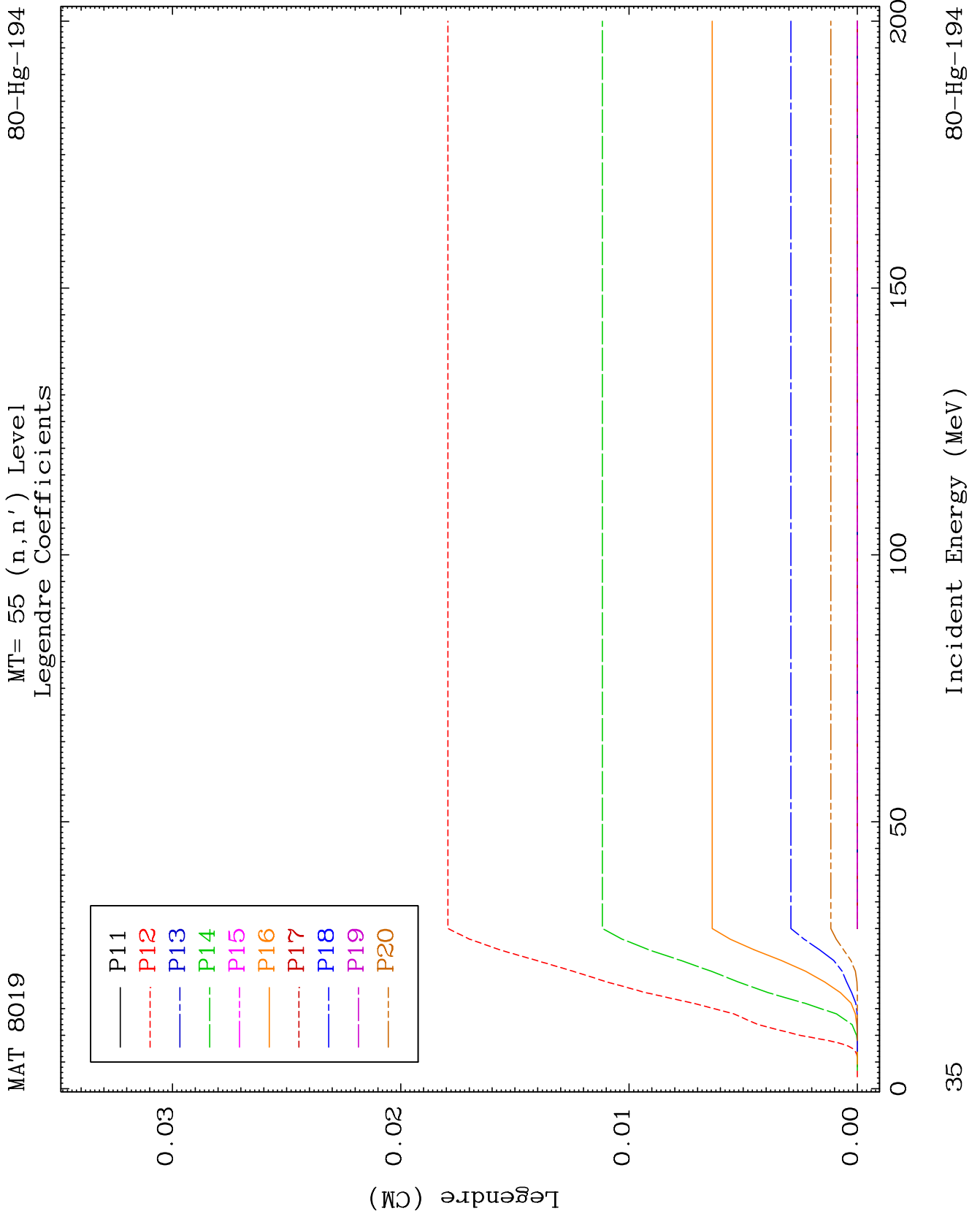
MAT 8019

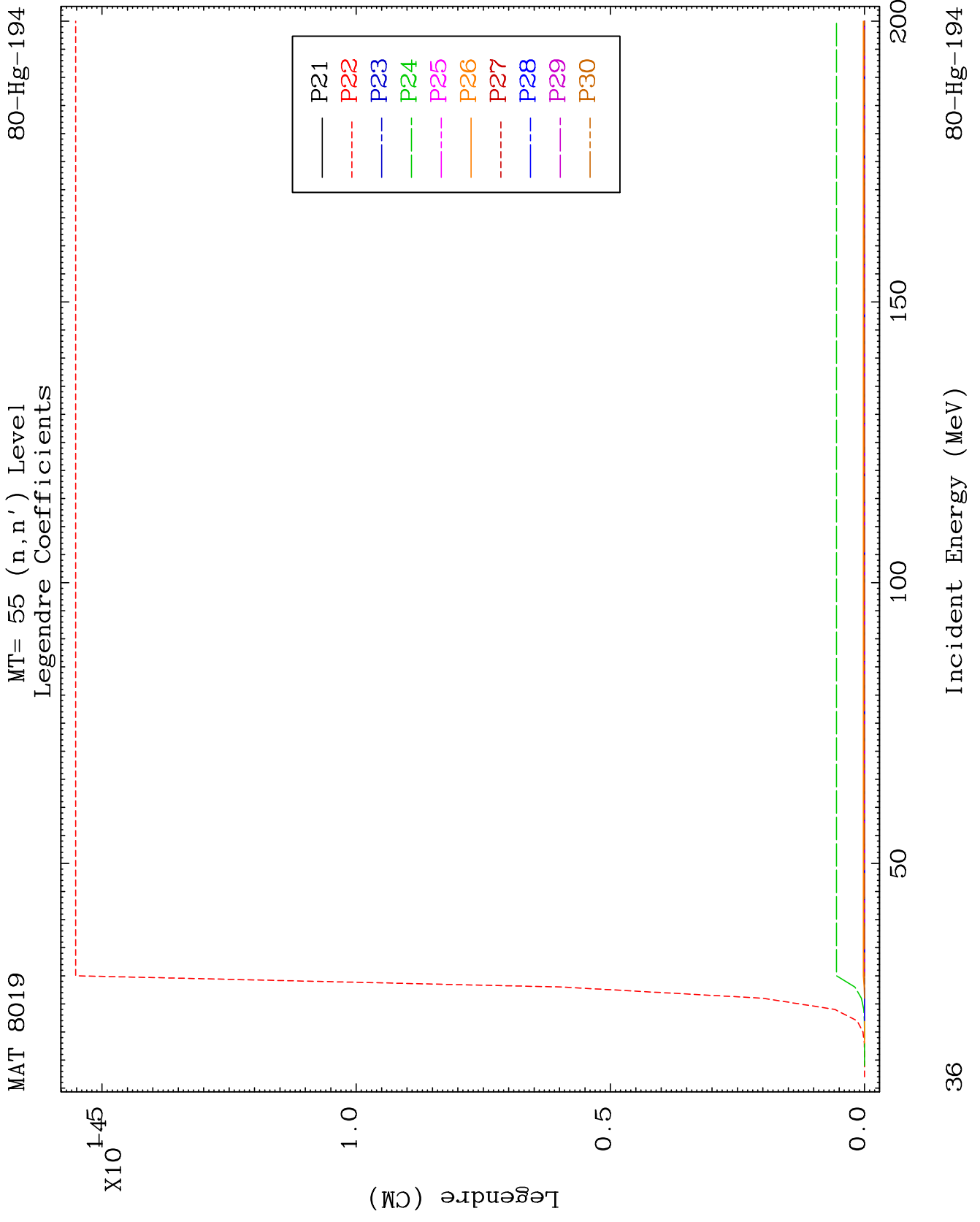
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Legendre Coefficients

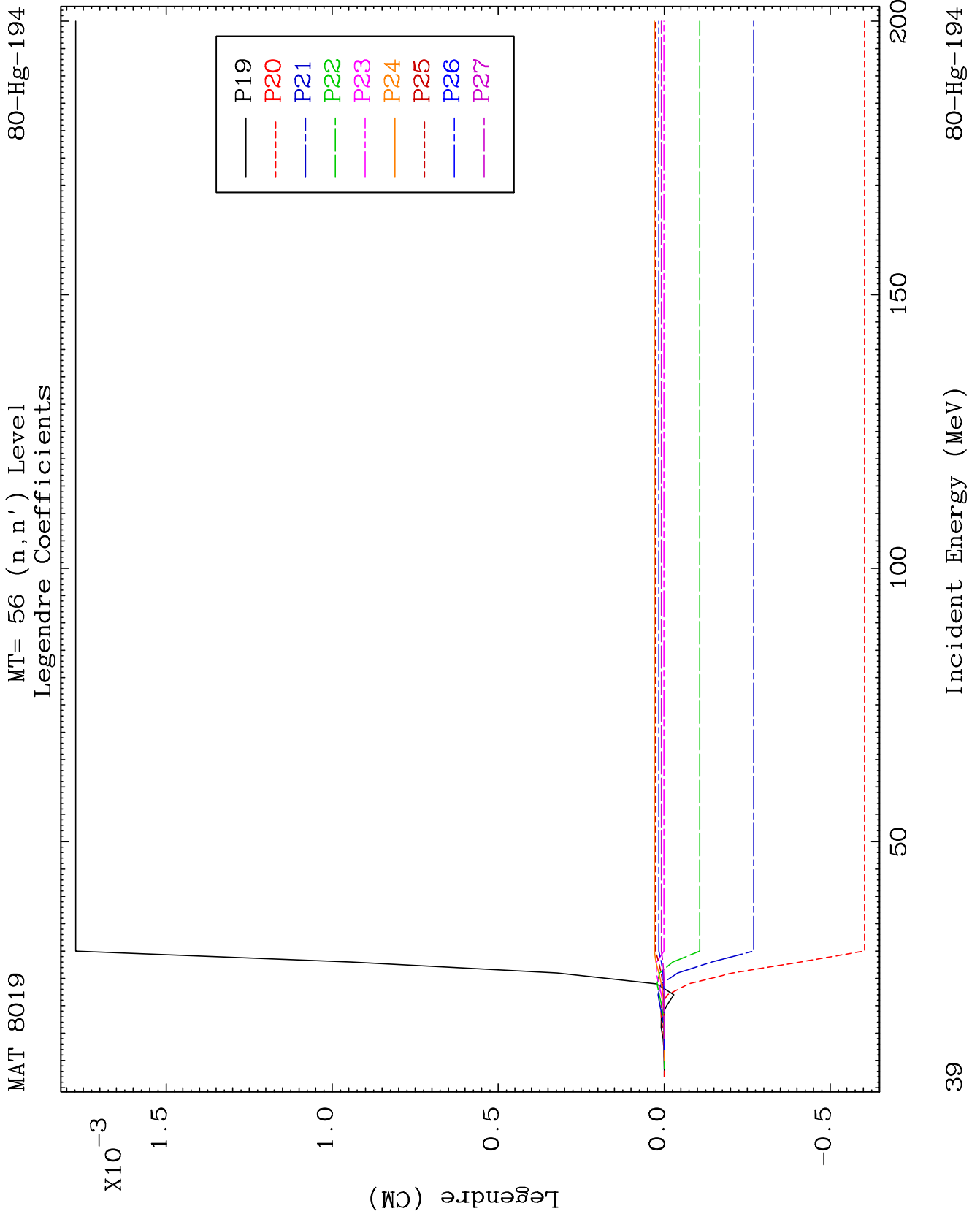
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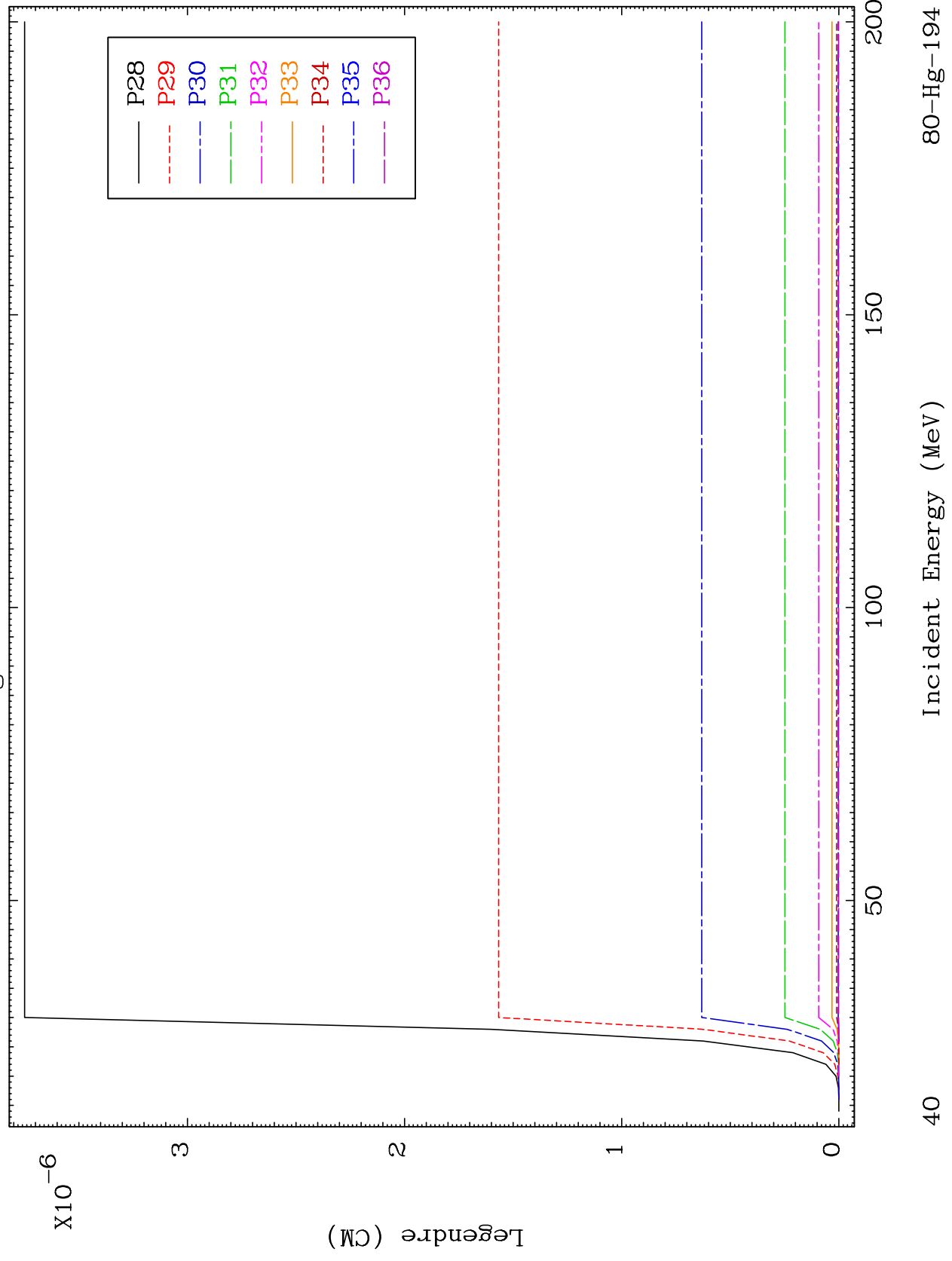




MAT 8019

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

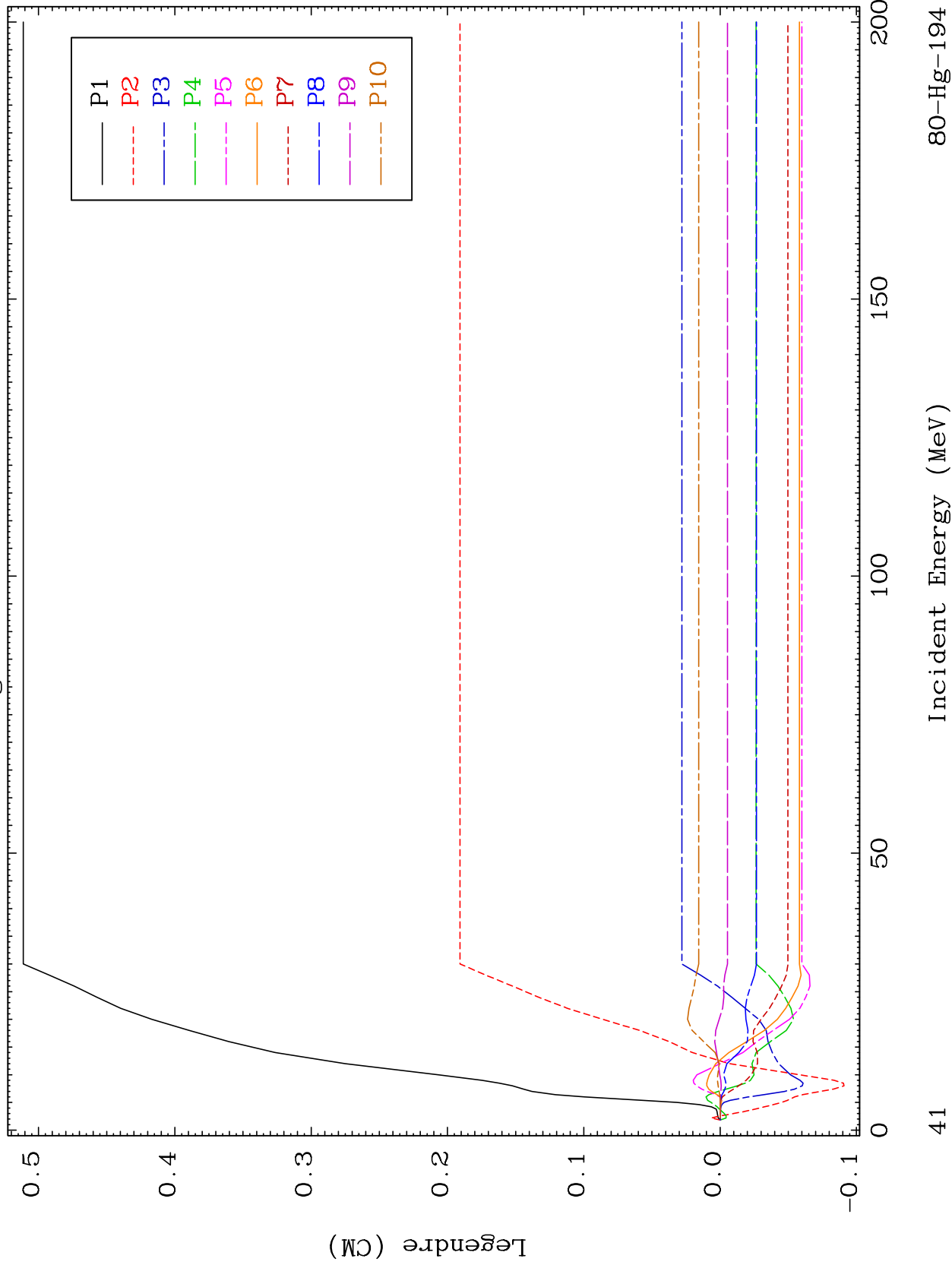
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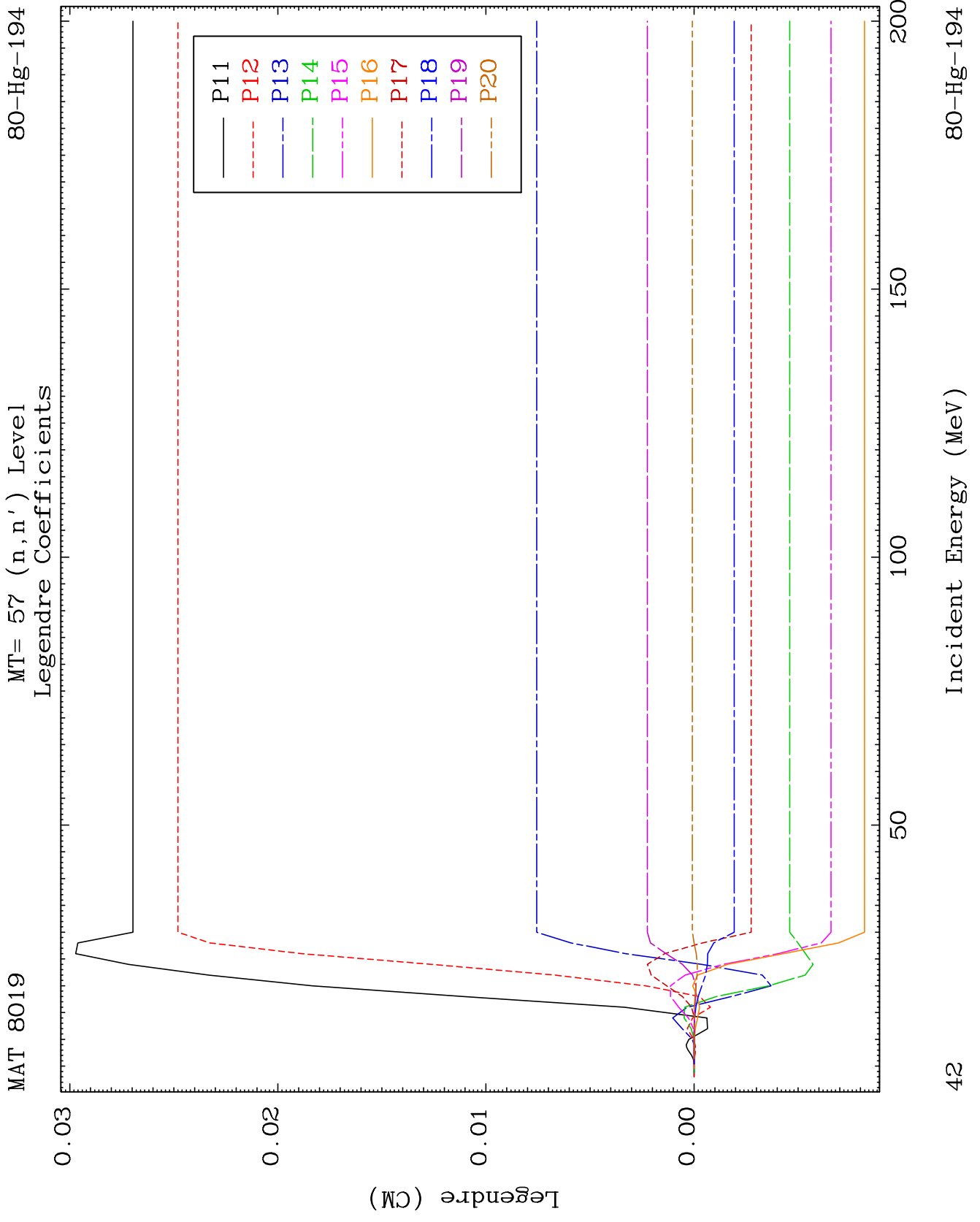


MAT 8019

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

80-Hg-194

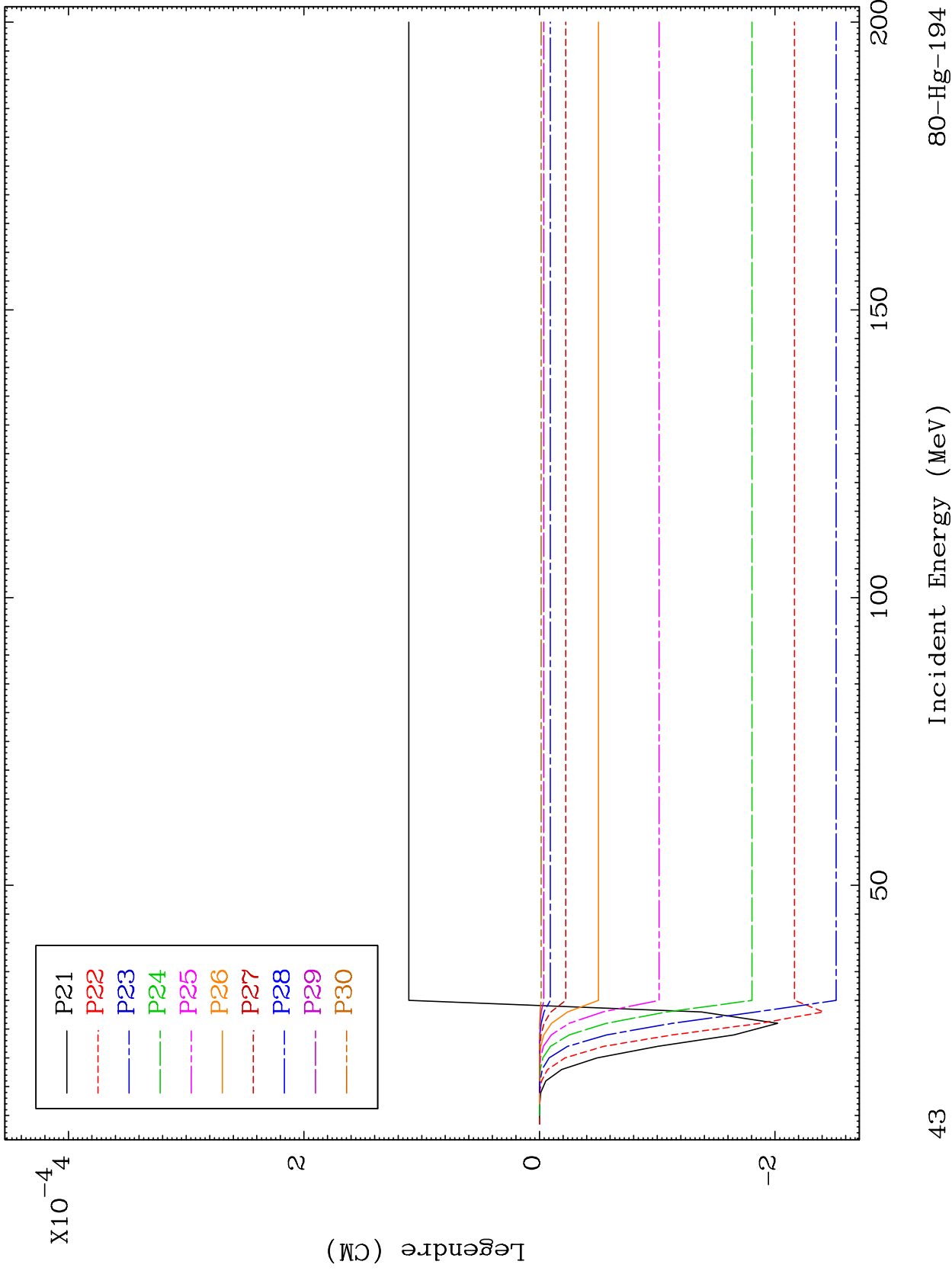




MAT 8019

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

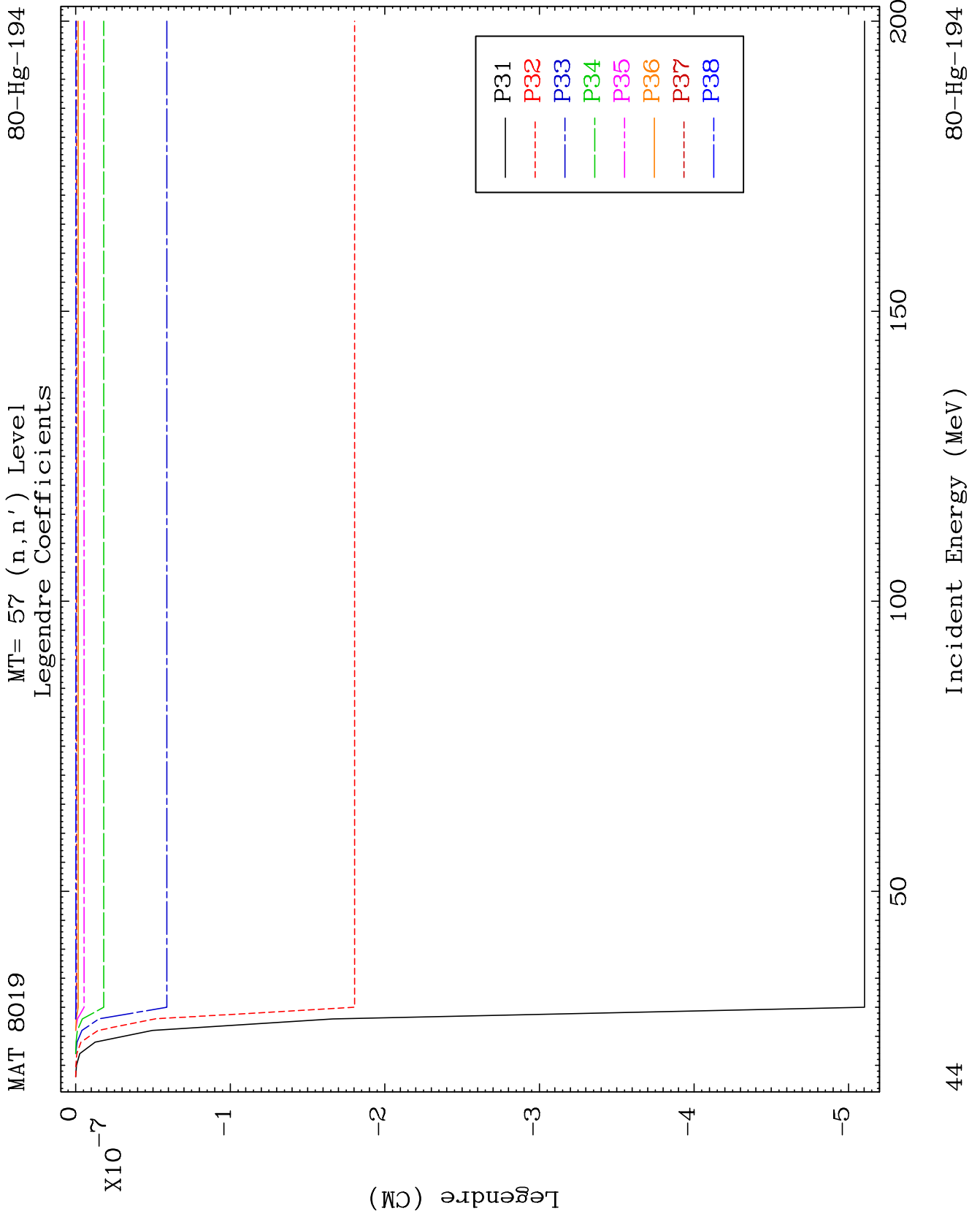
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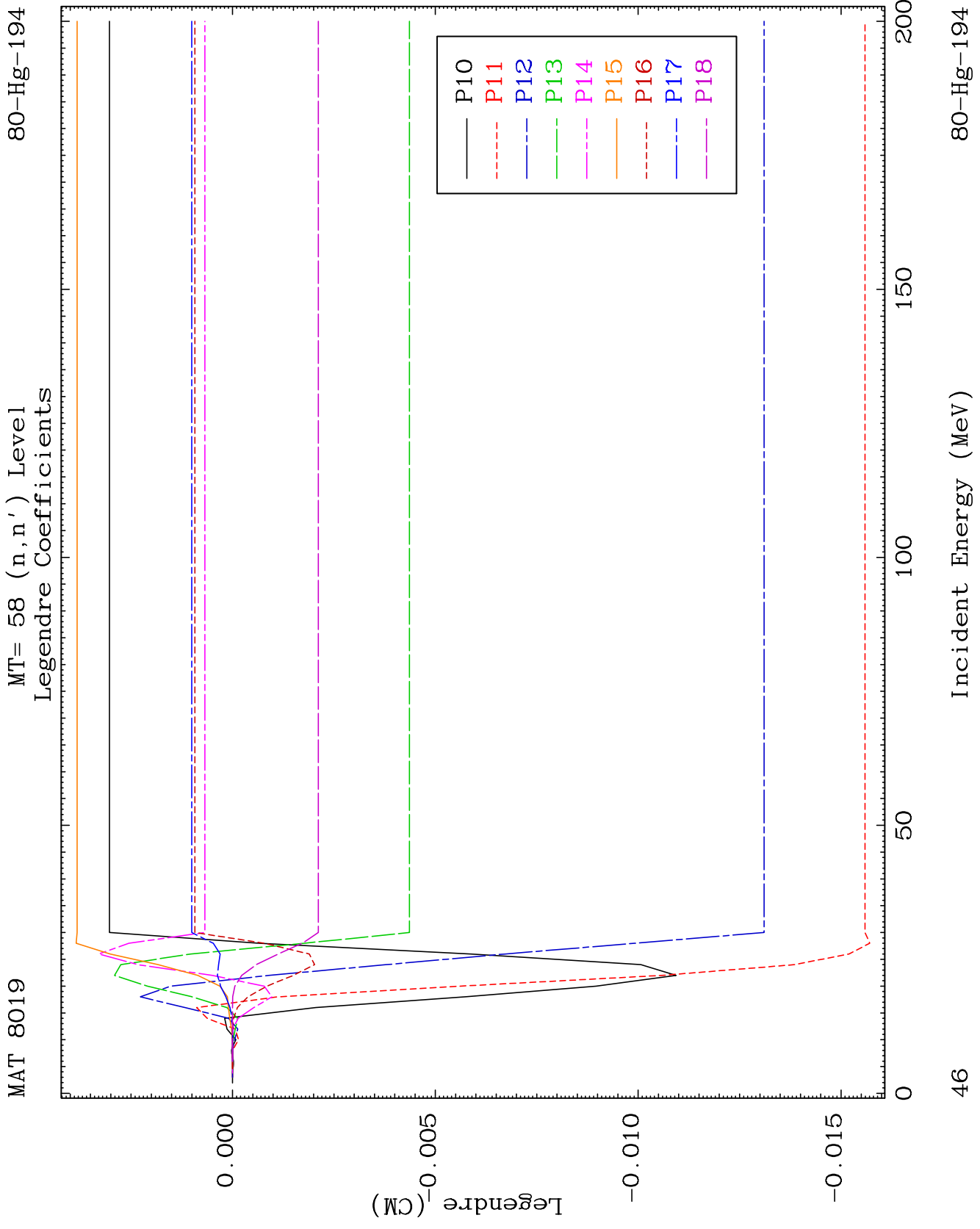


43

Incident Energy (MeV)

80-Hg-194

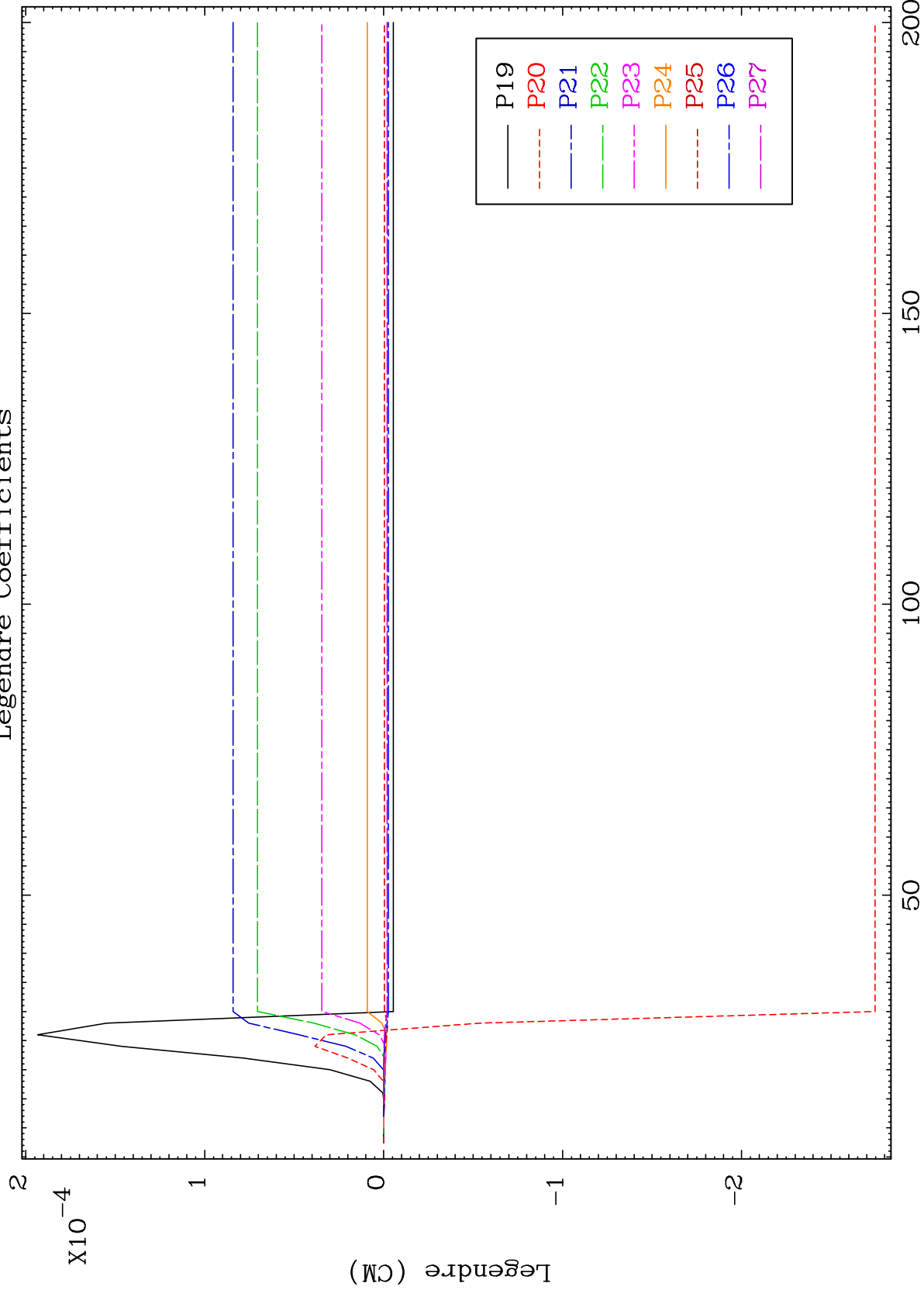




MAT 8019

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

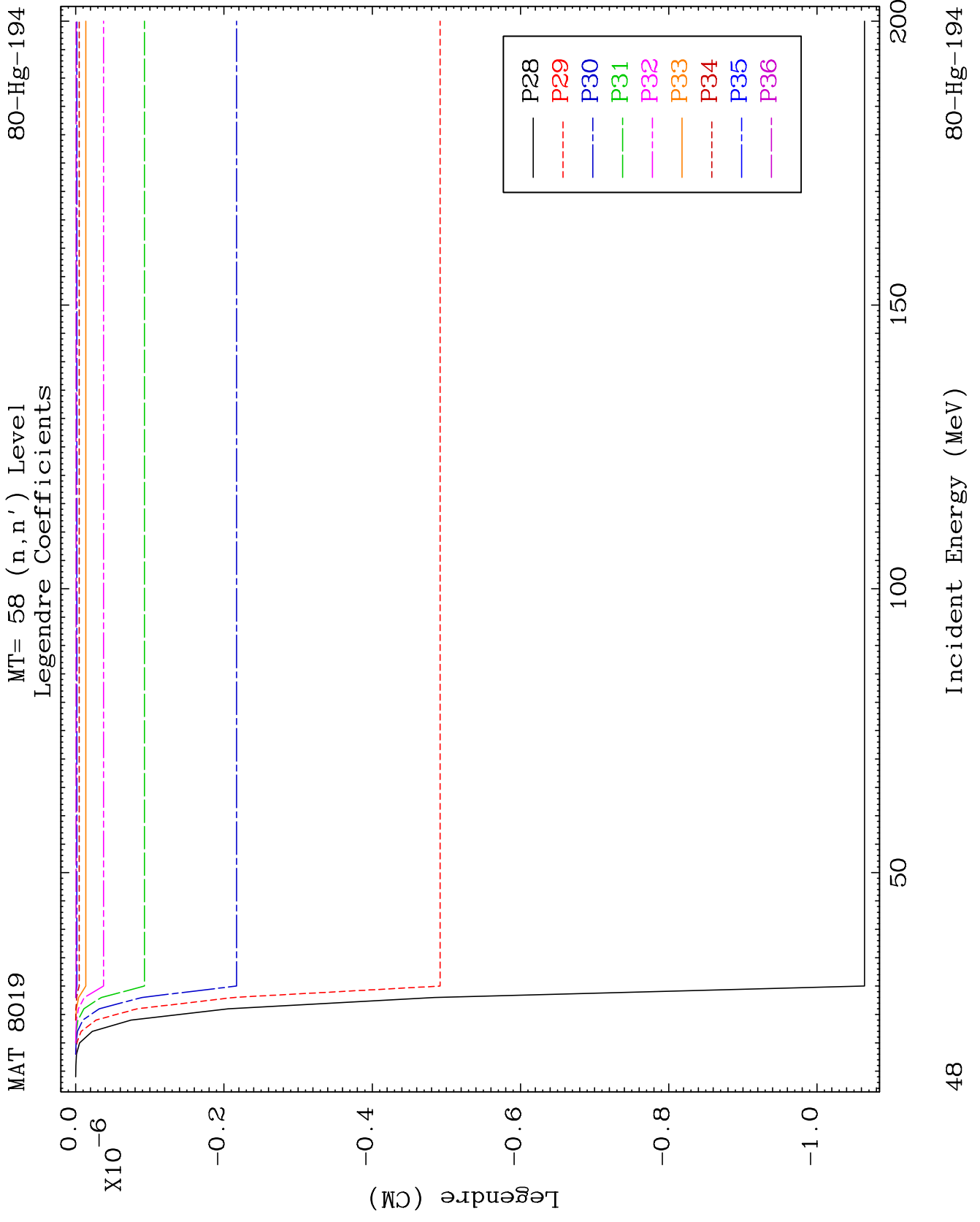
80-Hg-194



47

Incident Energy (MeV)

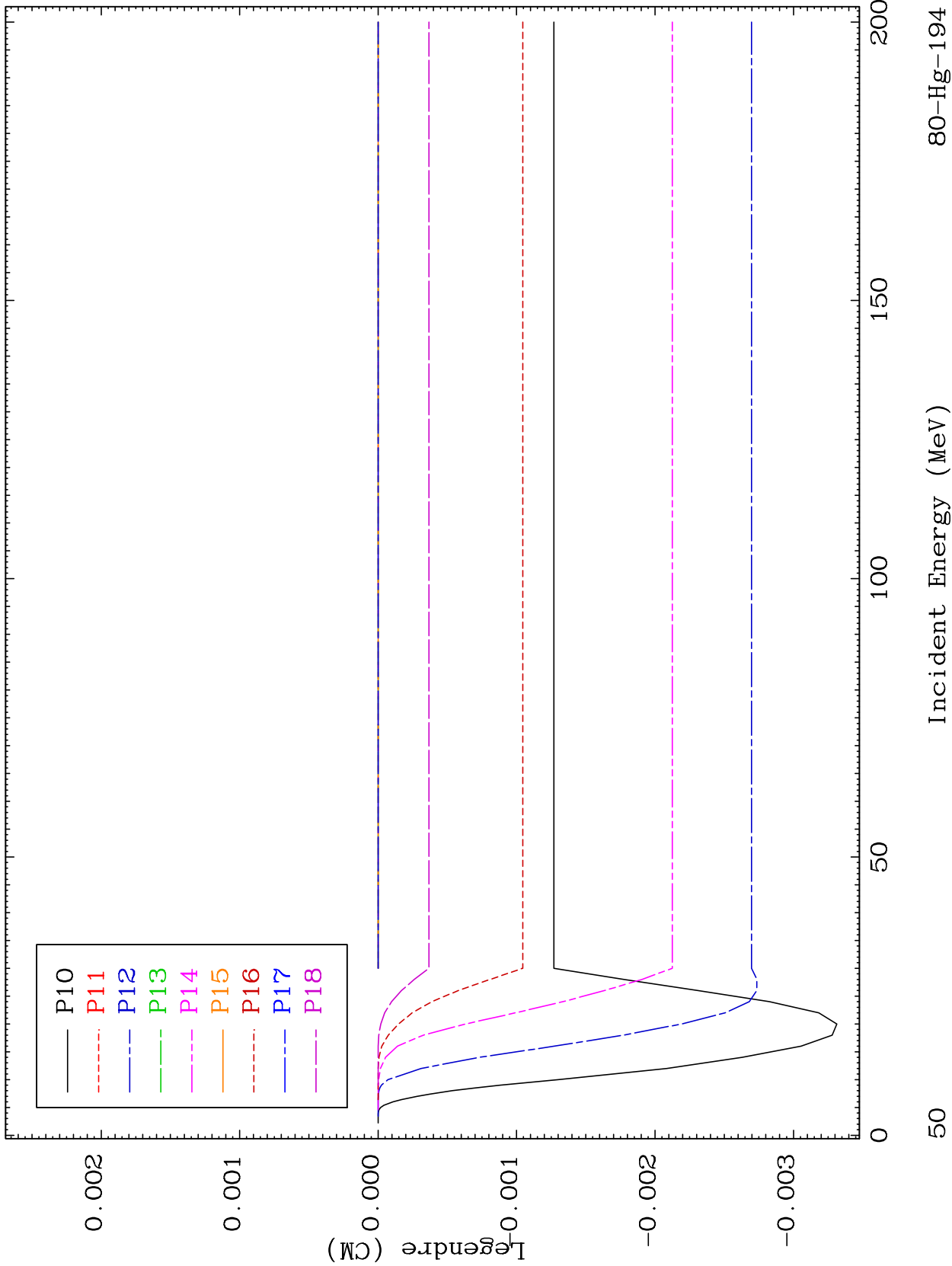
80-Hg-194



MAT 8019

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

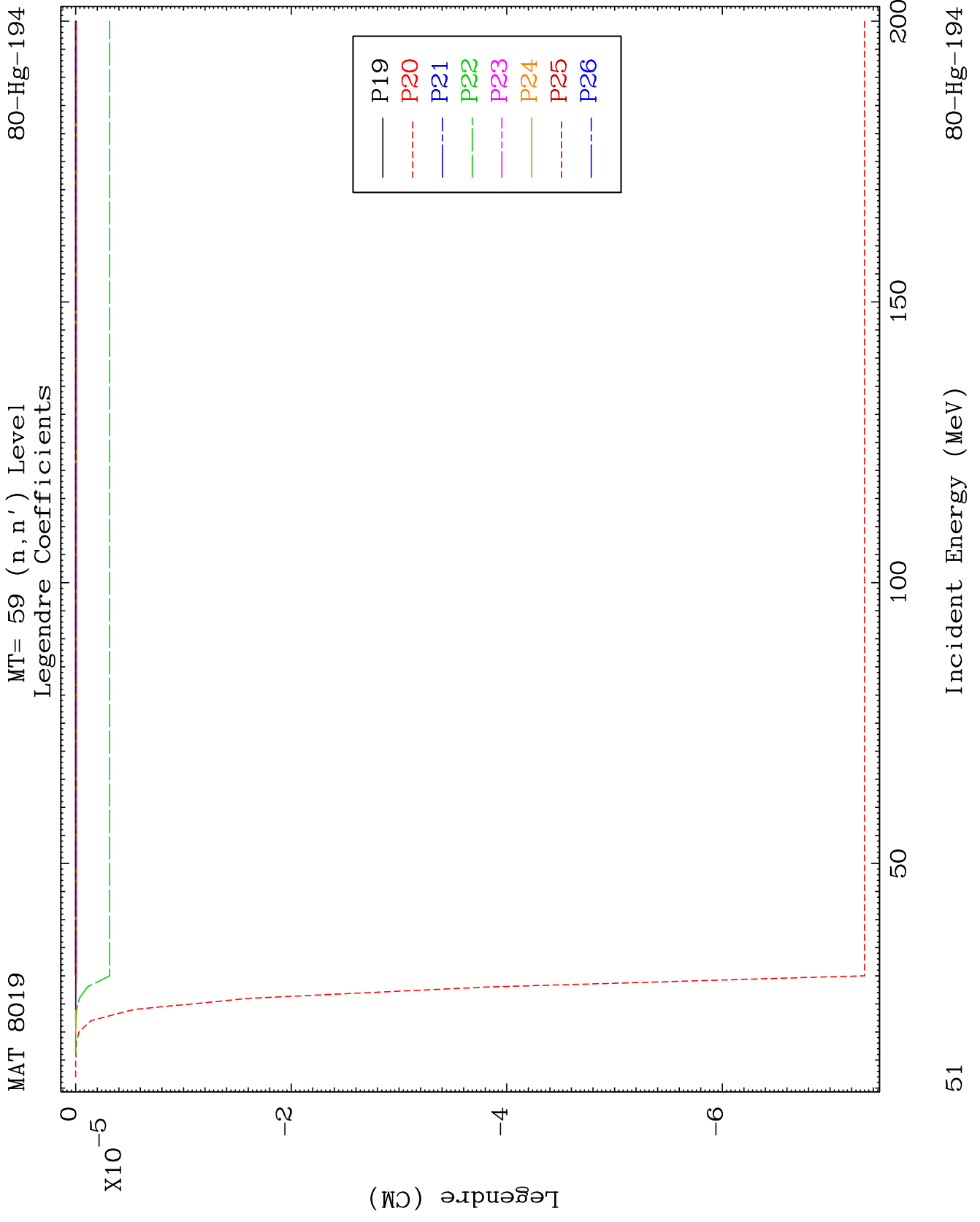
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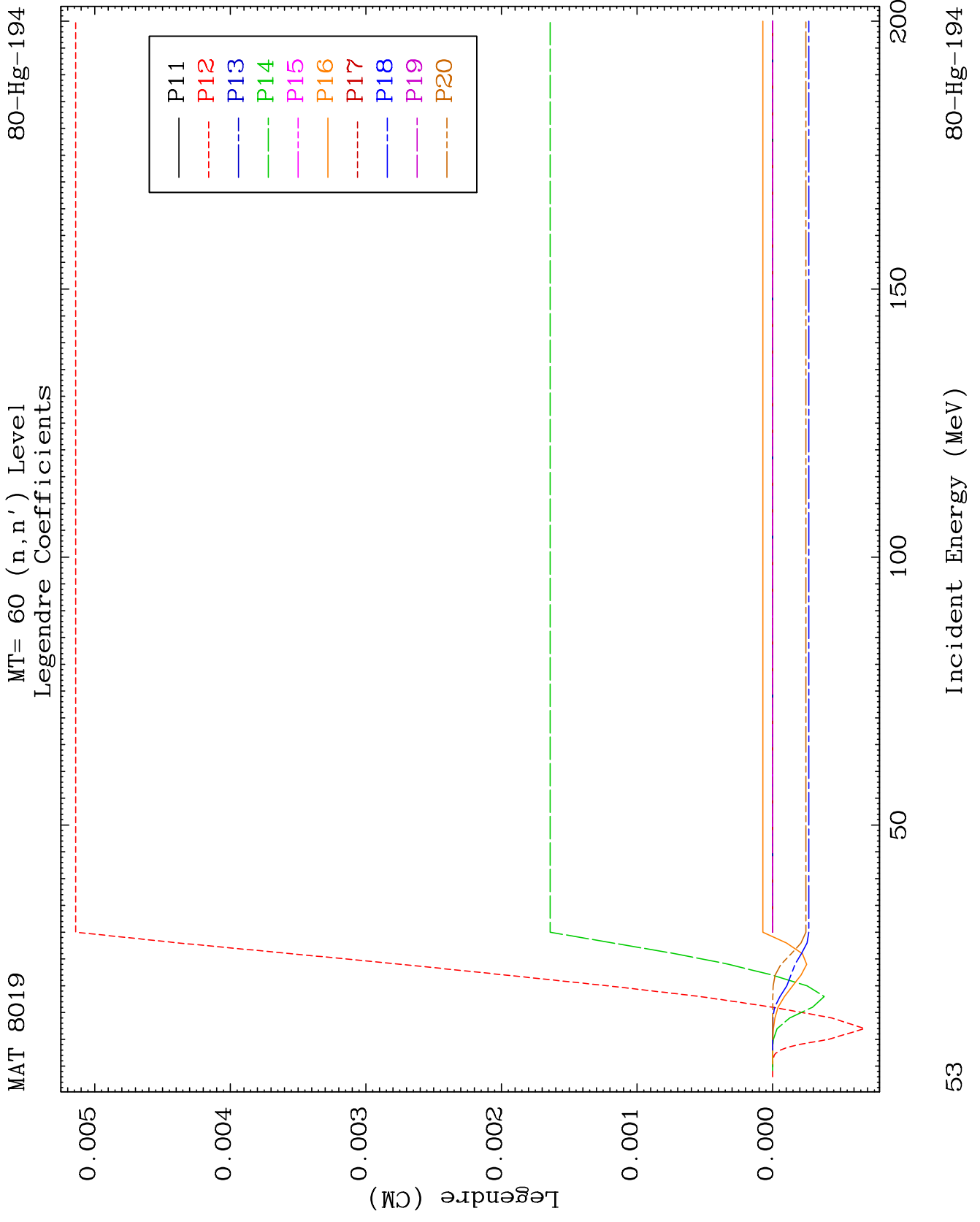


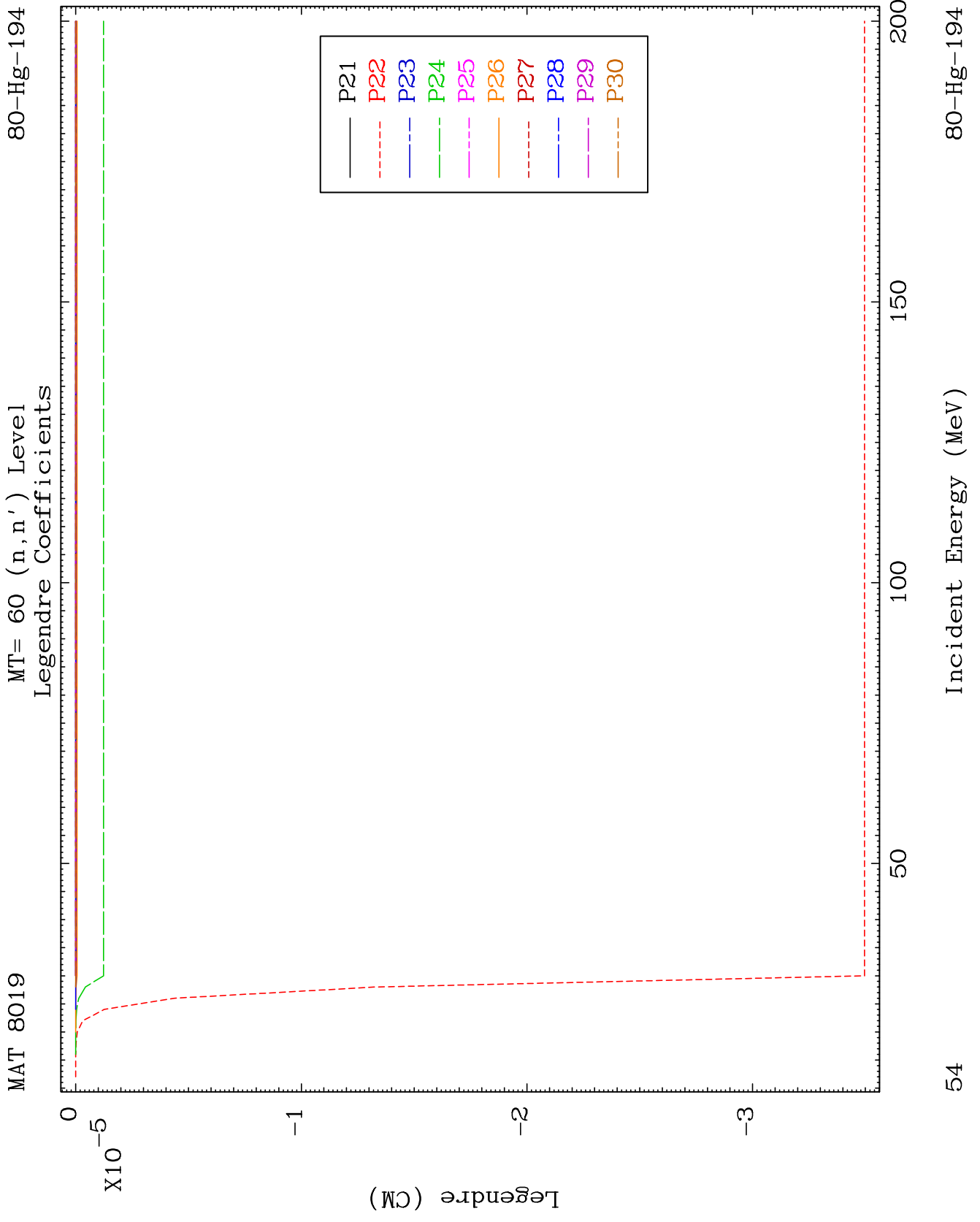
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Incident Energy (MeV)

50



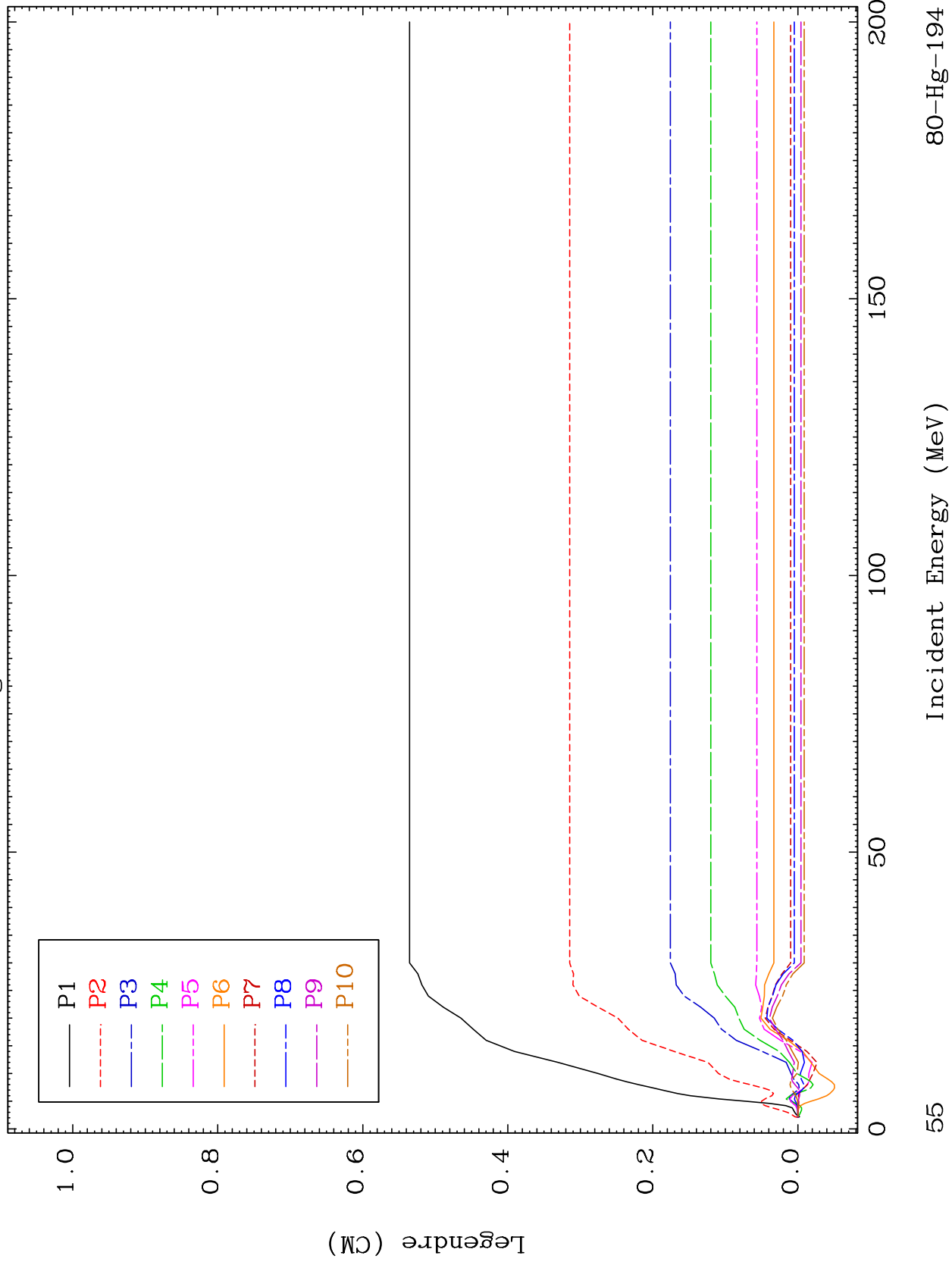




MAT 8019

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

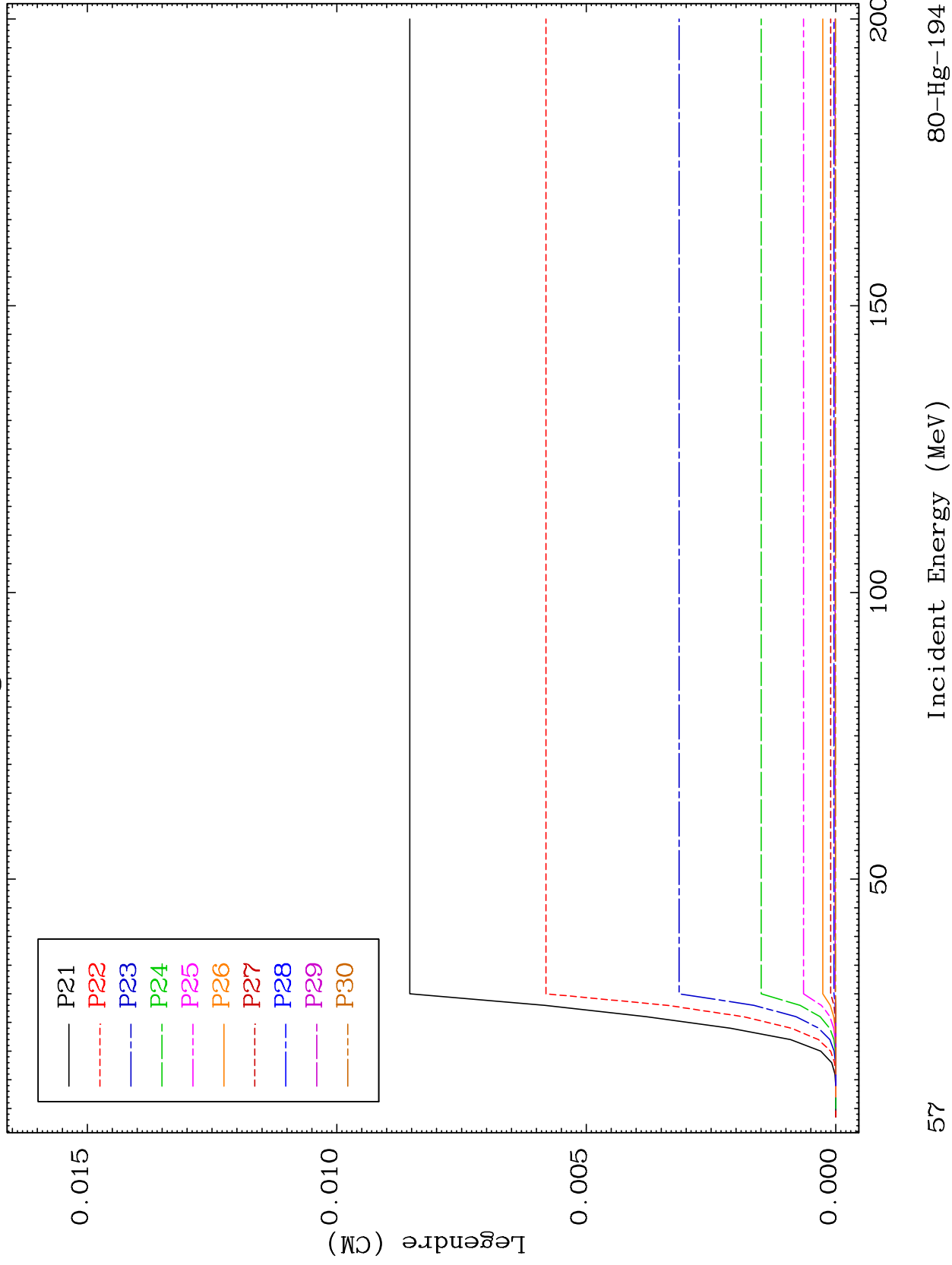
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MAT 8019

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

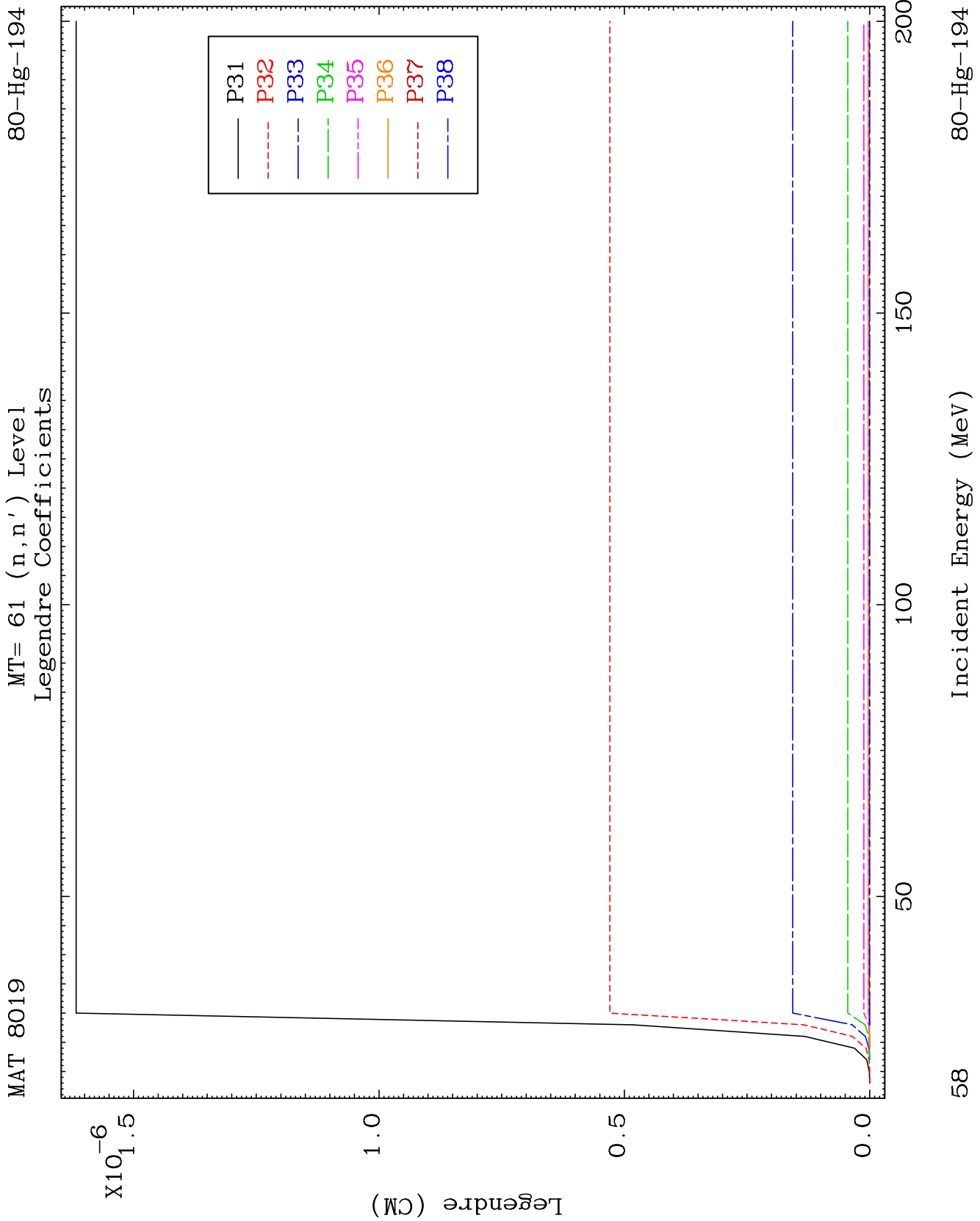
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57

Incident Energy (MeV)

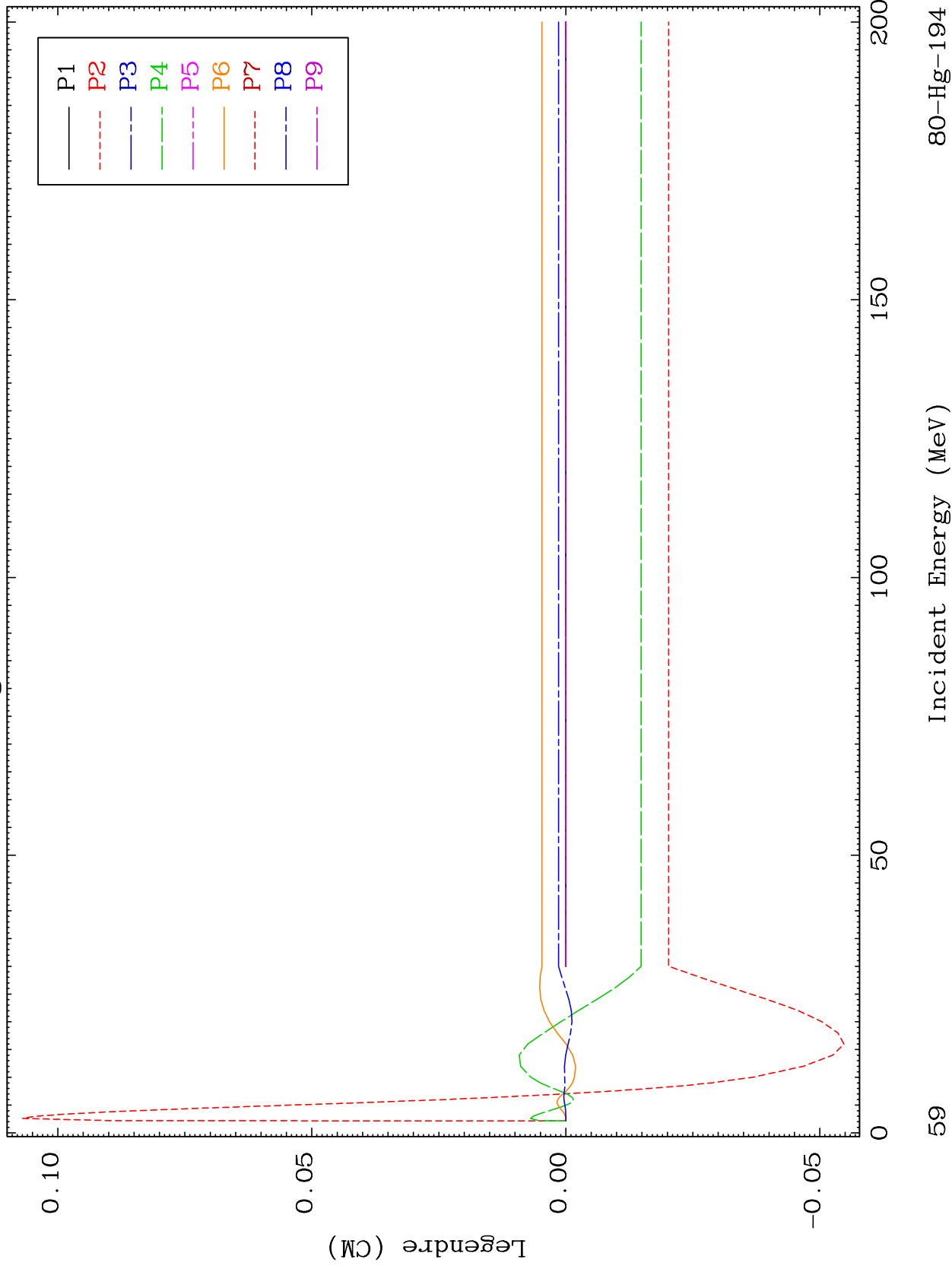
80-Hg-194



MAT 8019

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

80-Hg-194



80-Hg-194

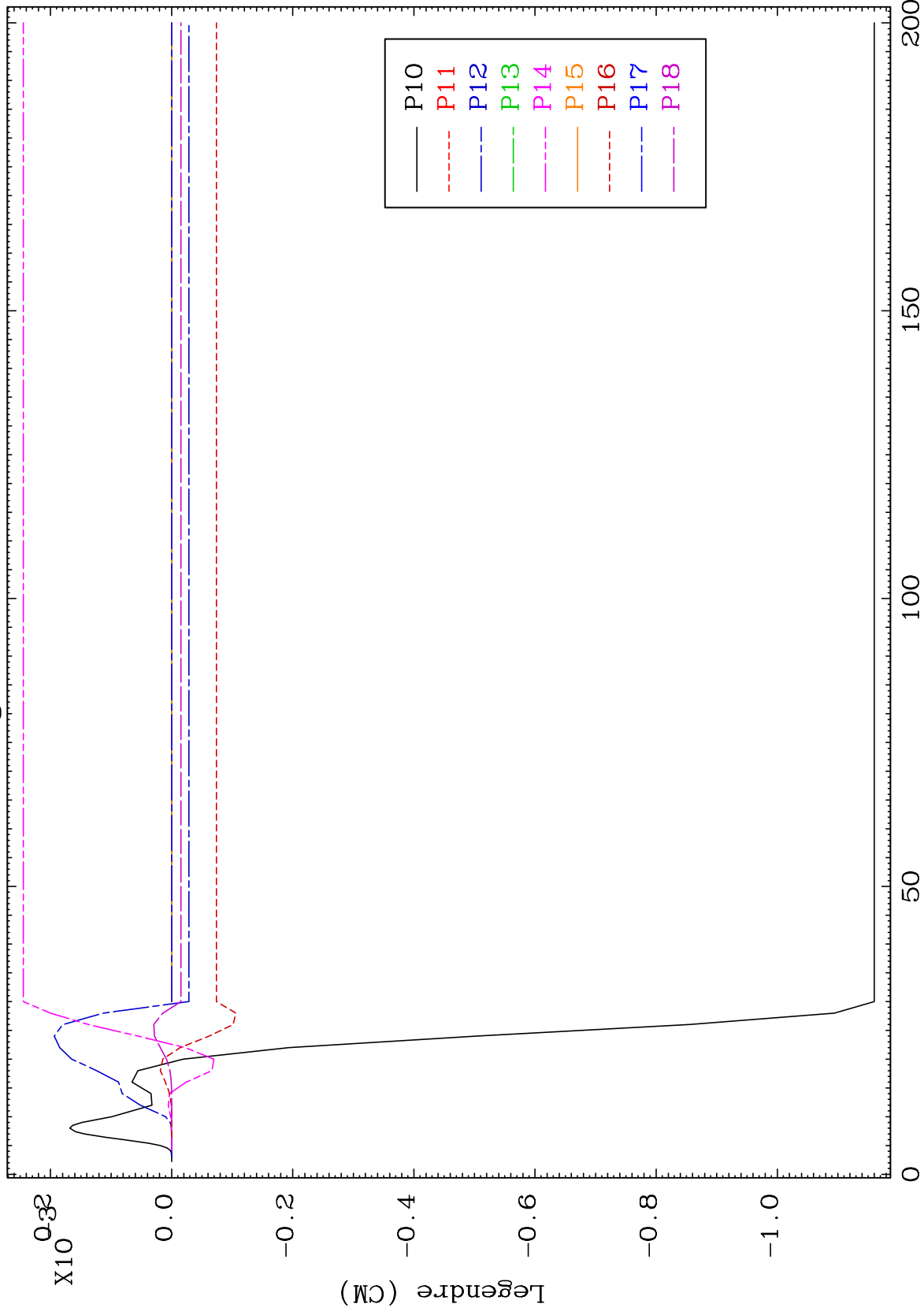
Incident Energy (MeV)

59

MAT 8019

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

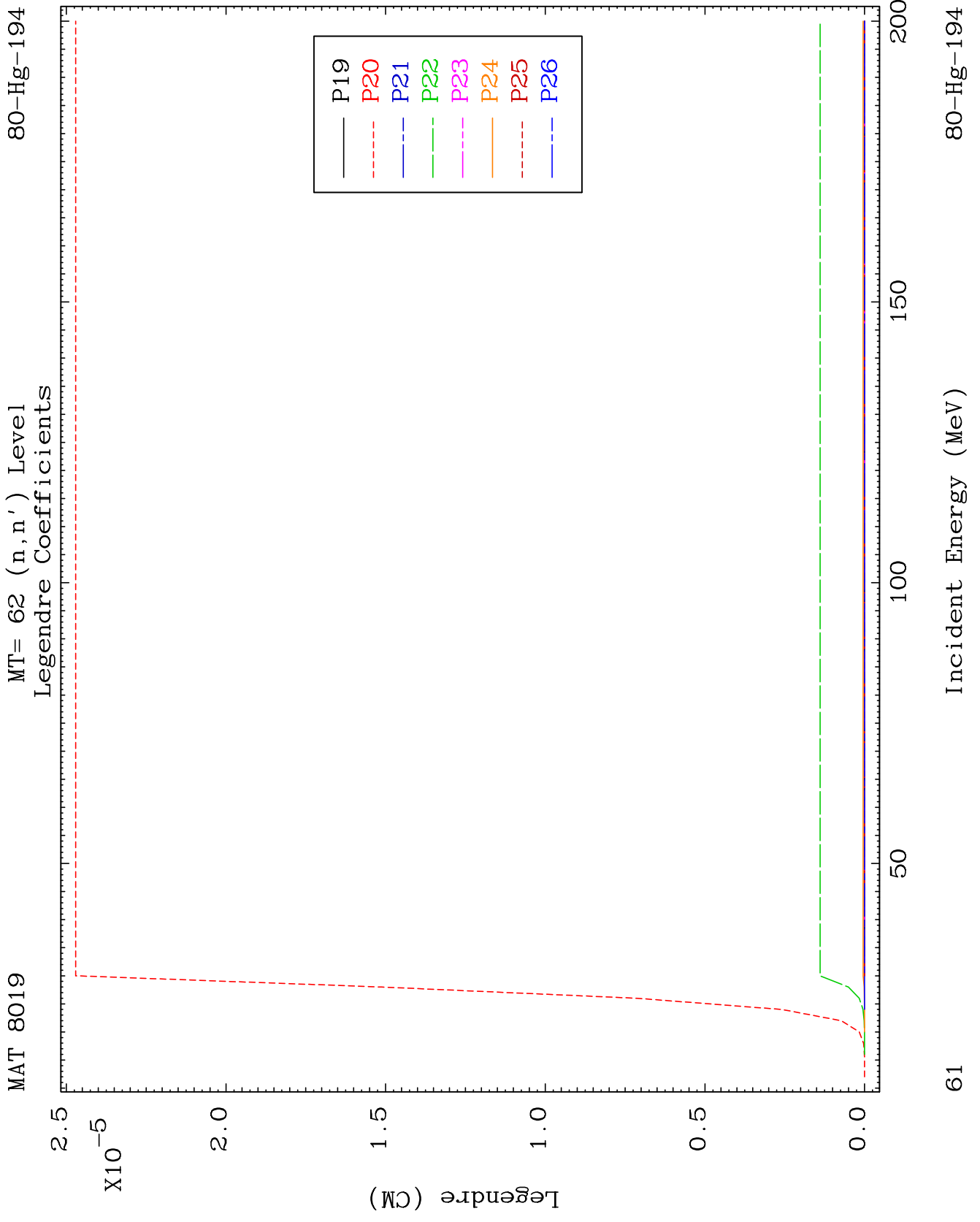
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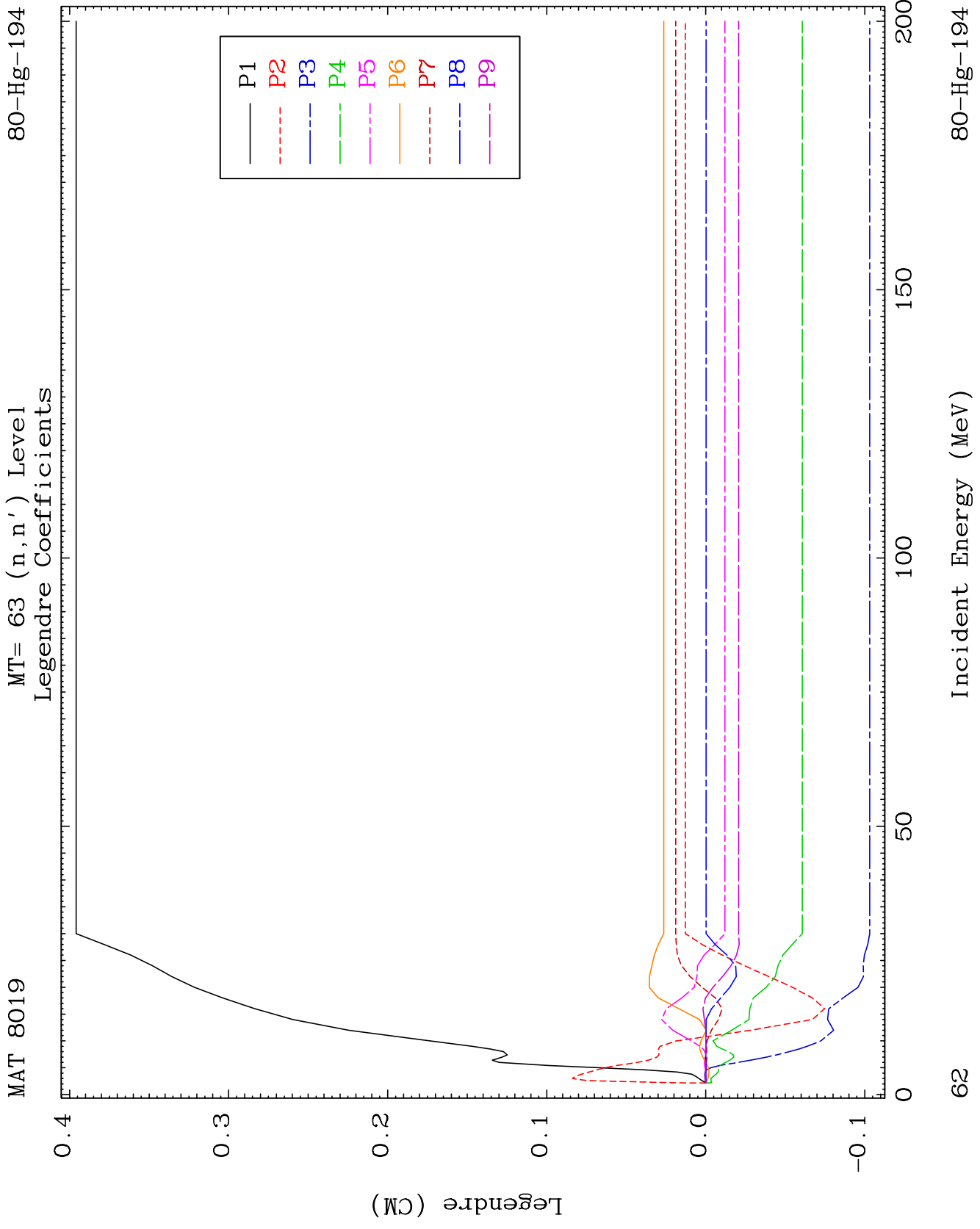


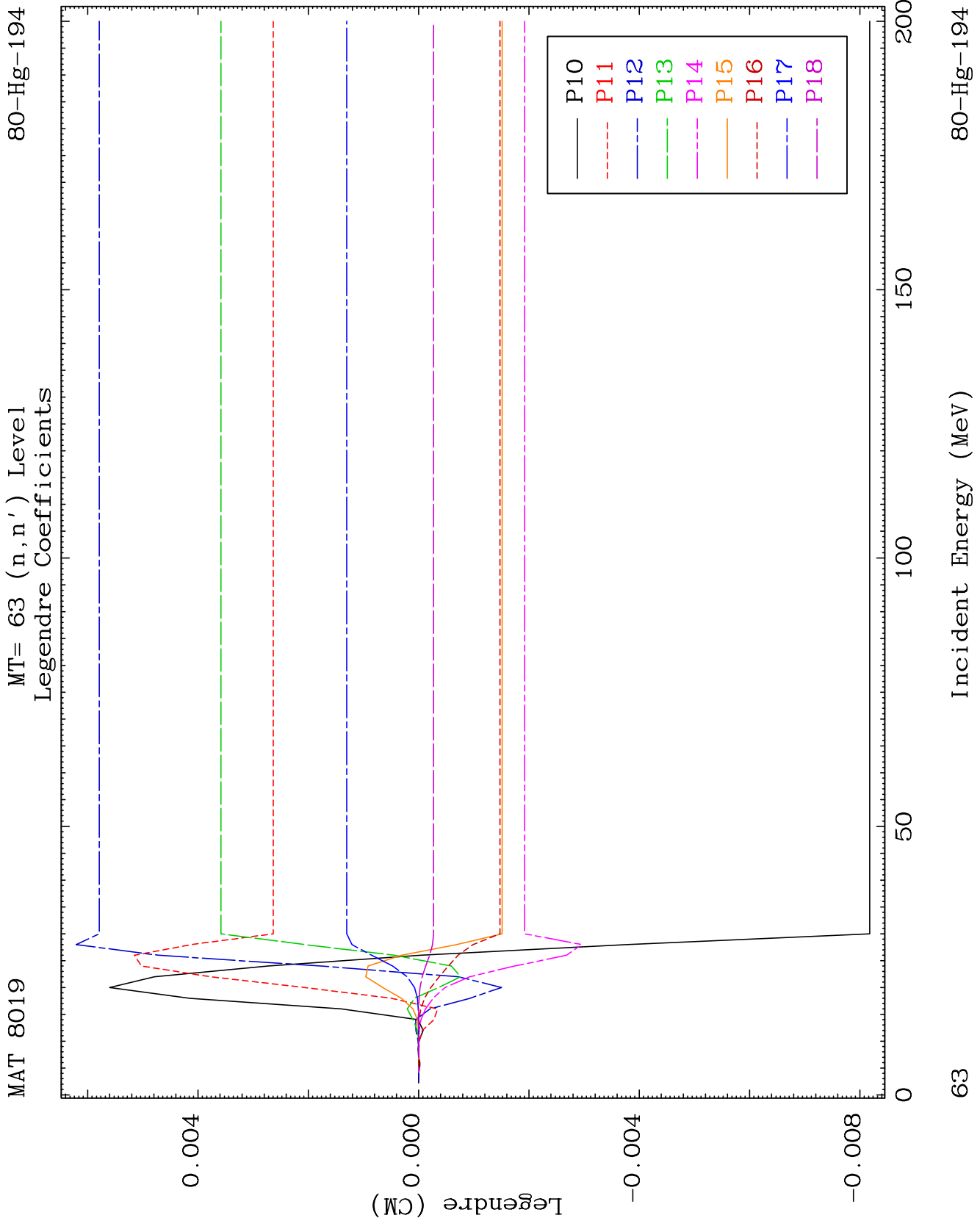
80-Hg-194

Incident Energy (MeV)

60



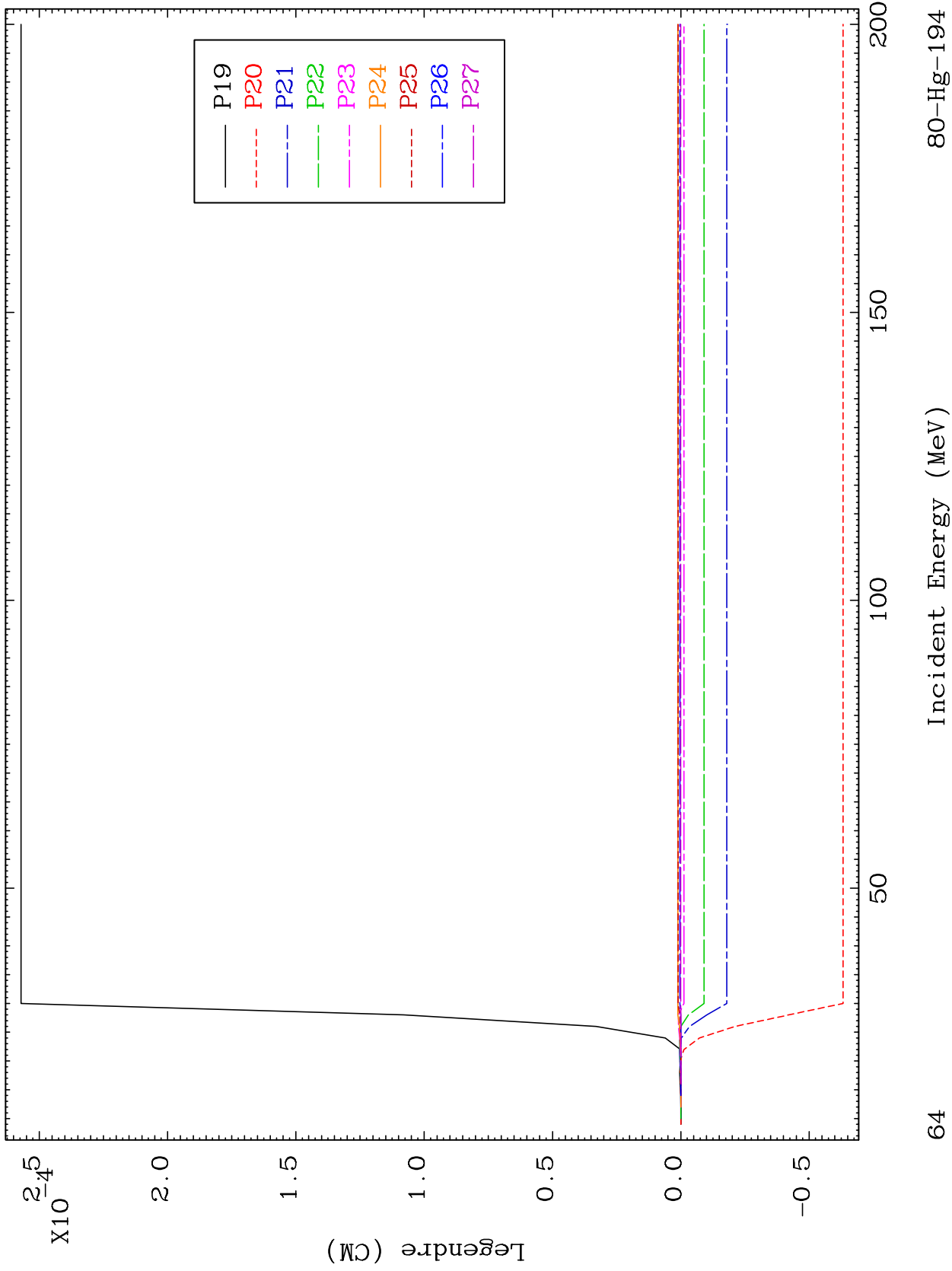


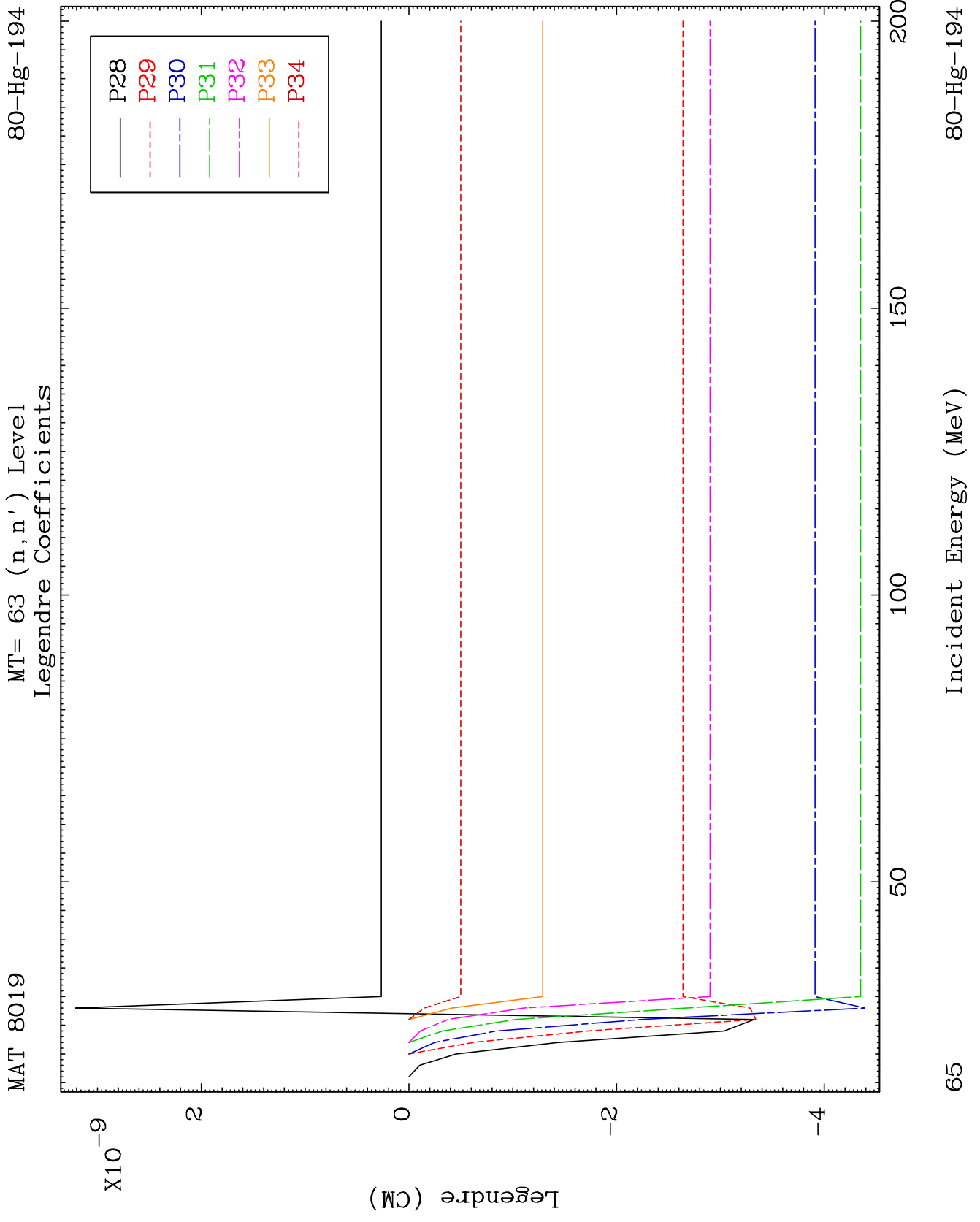


MAT 8019

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

80-Hg-194

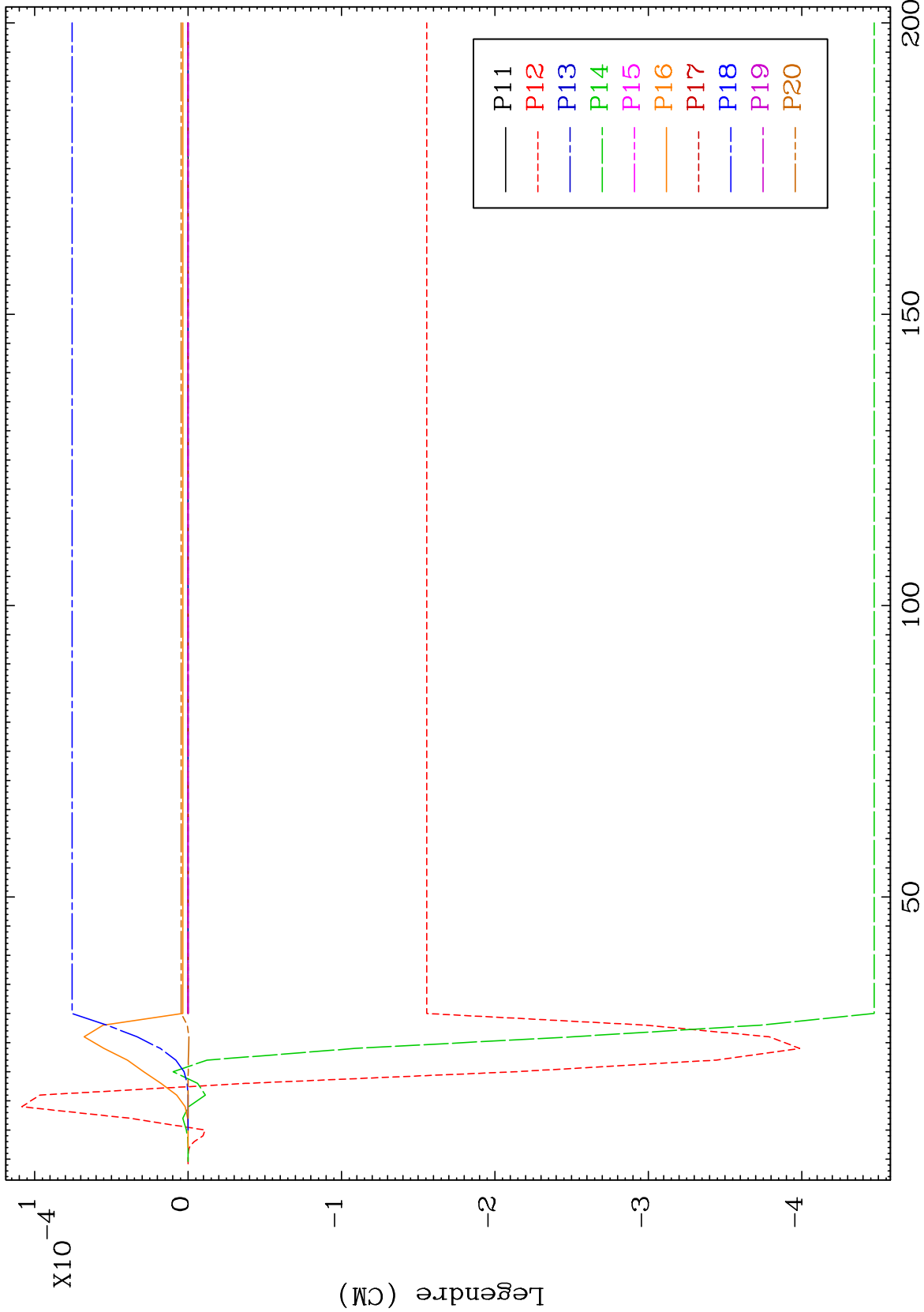




MAT 8019

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

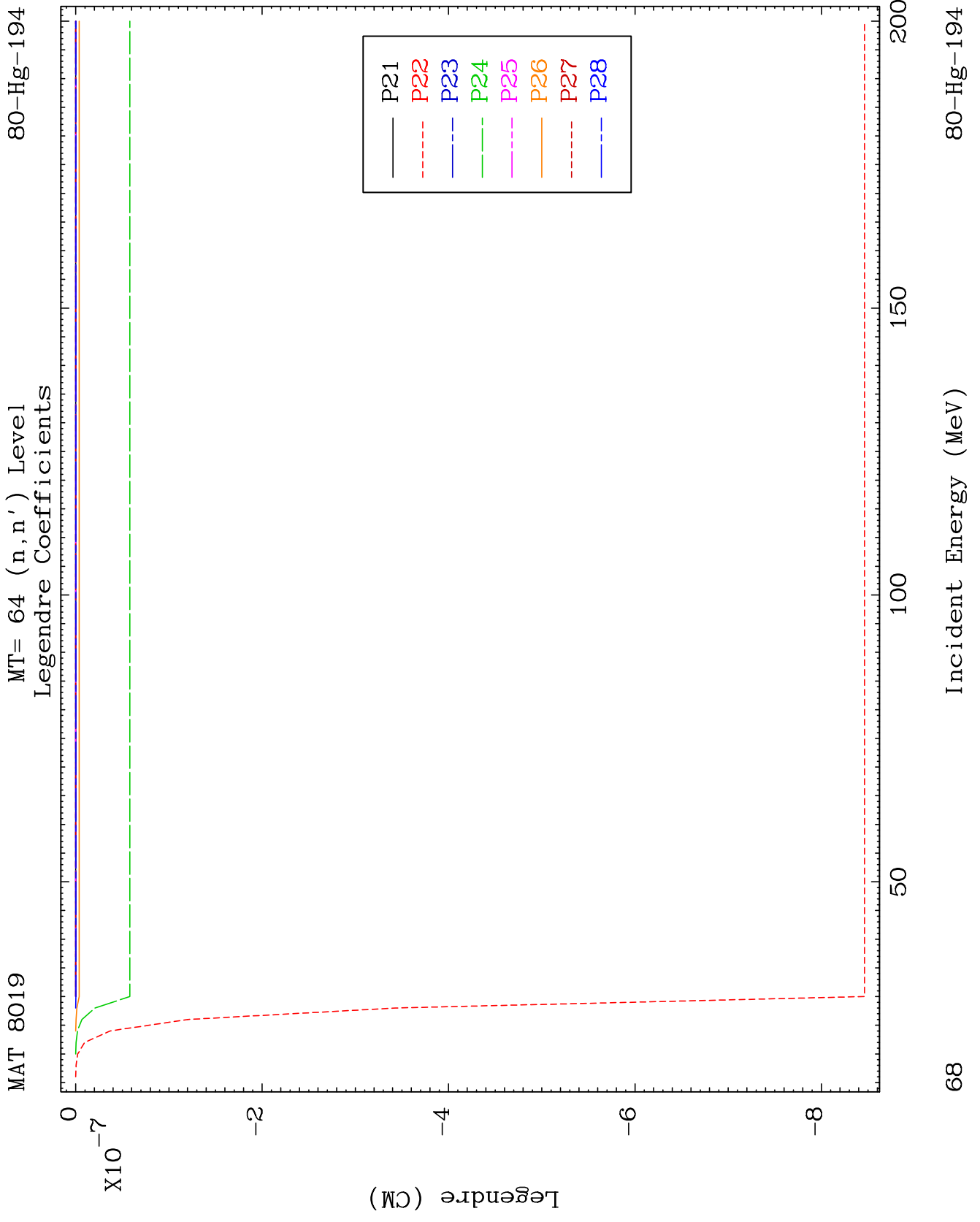
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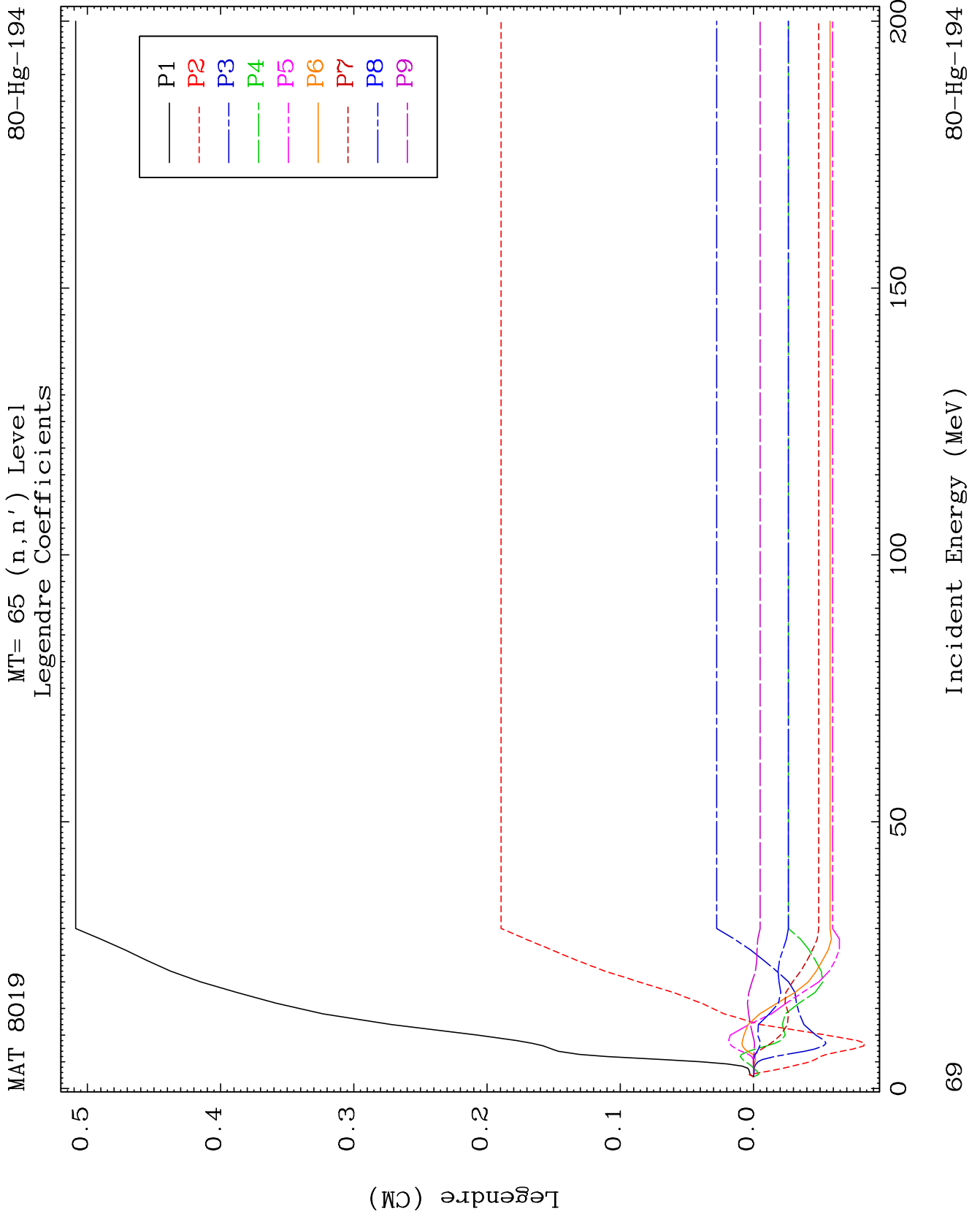


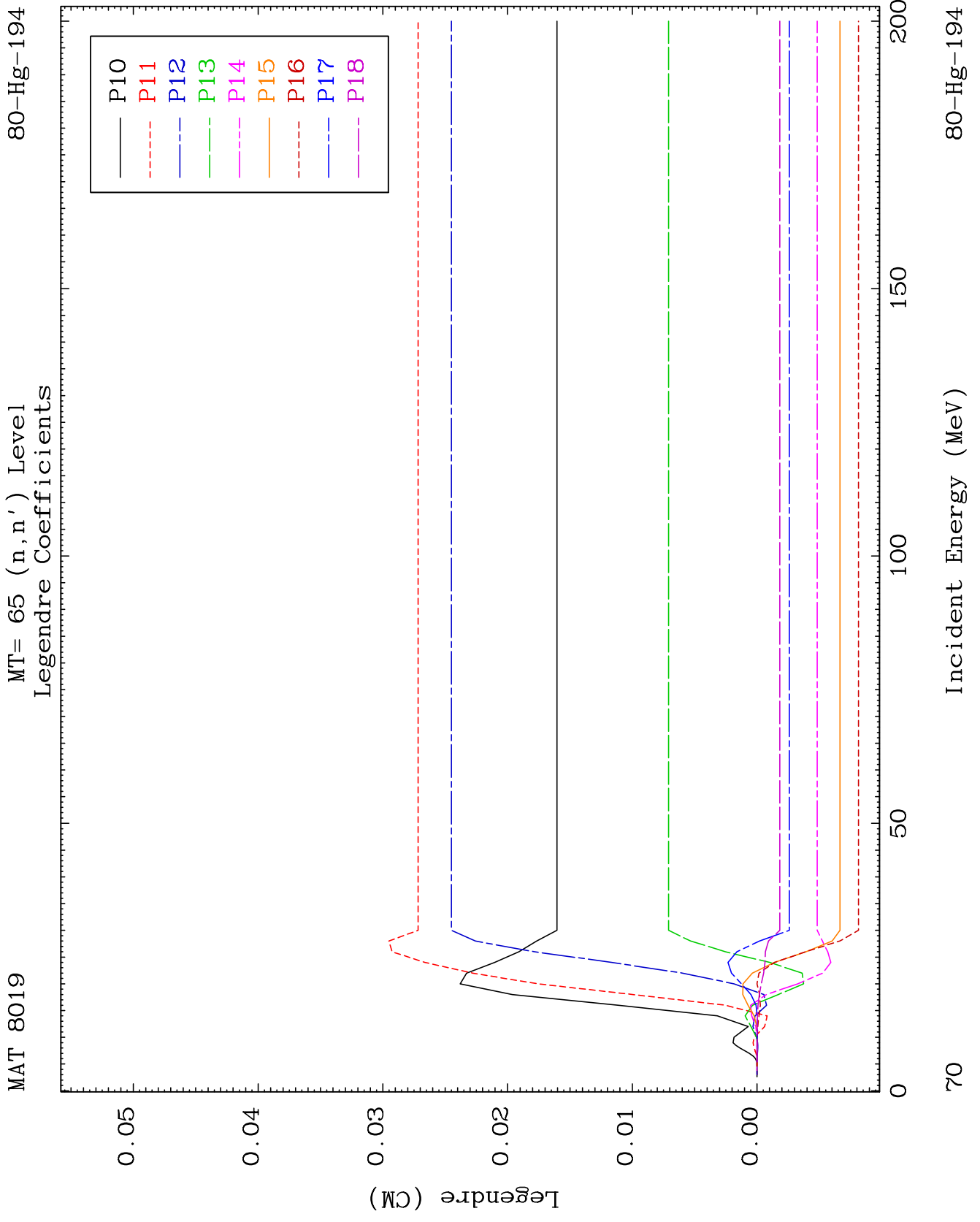
67

Incident Energy (MeV)

80-Hg-194



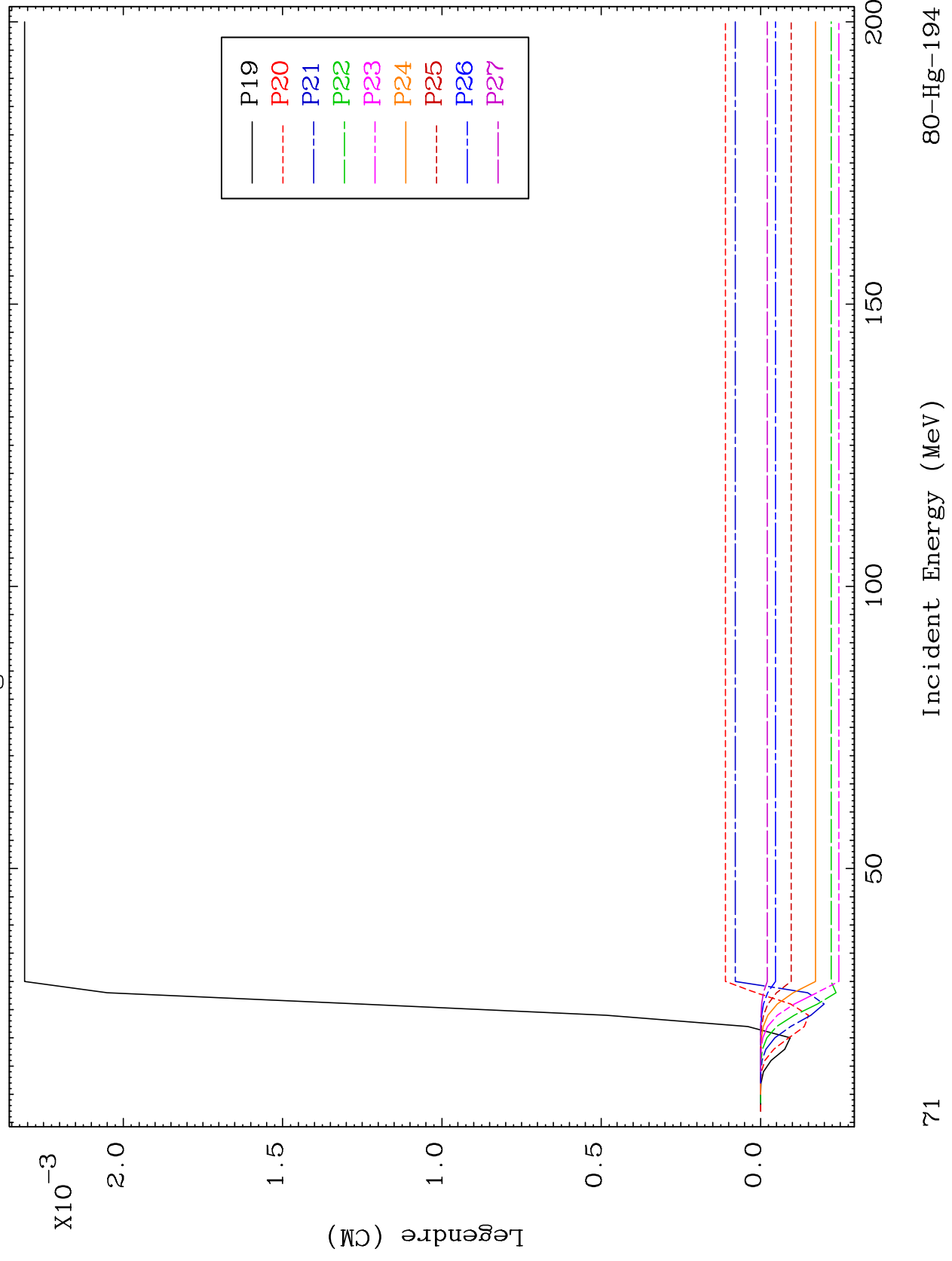


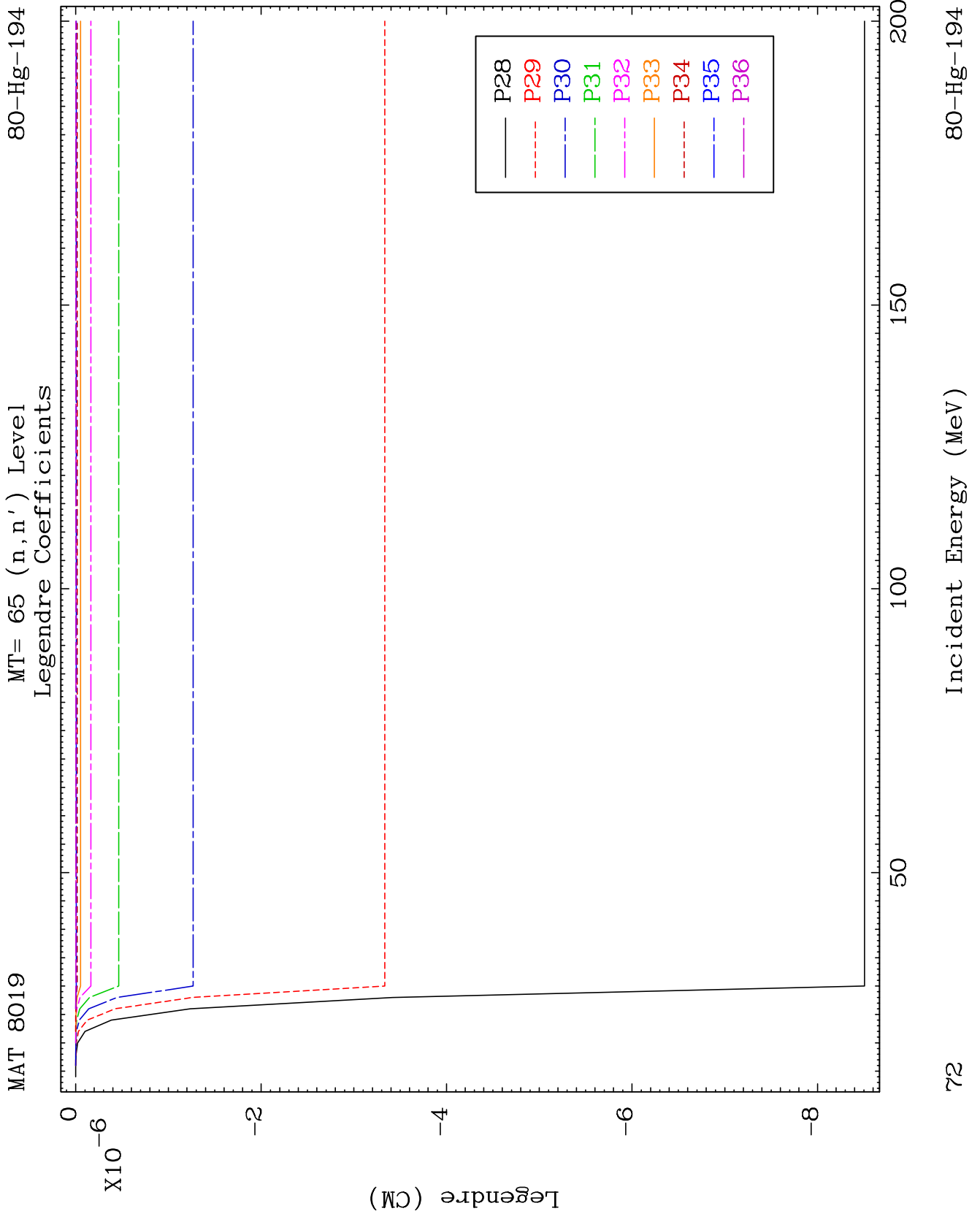


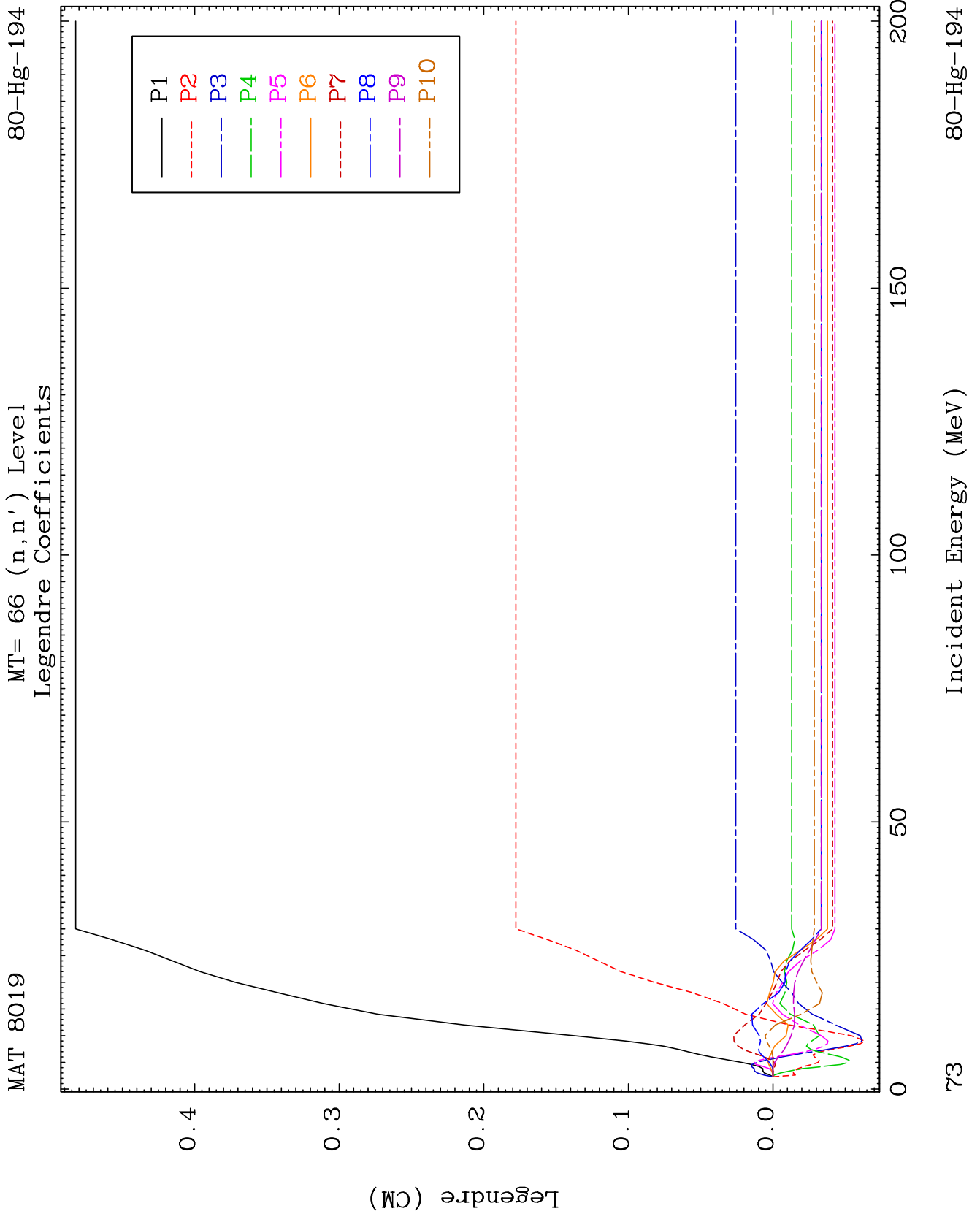
MAT 8019

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

80-Hg-194



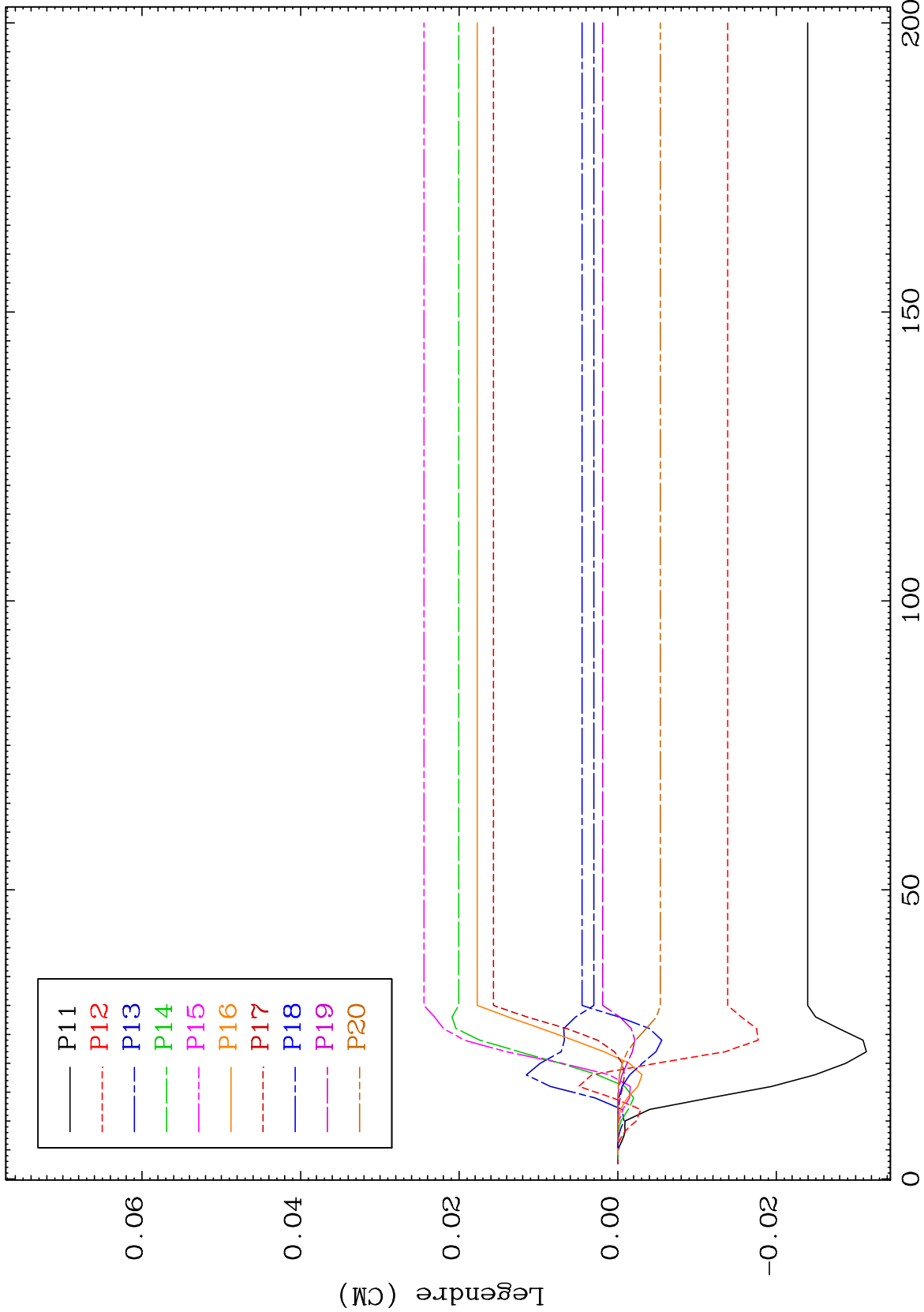




MAT 8019

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

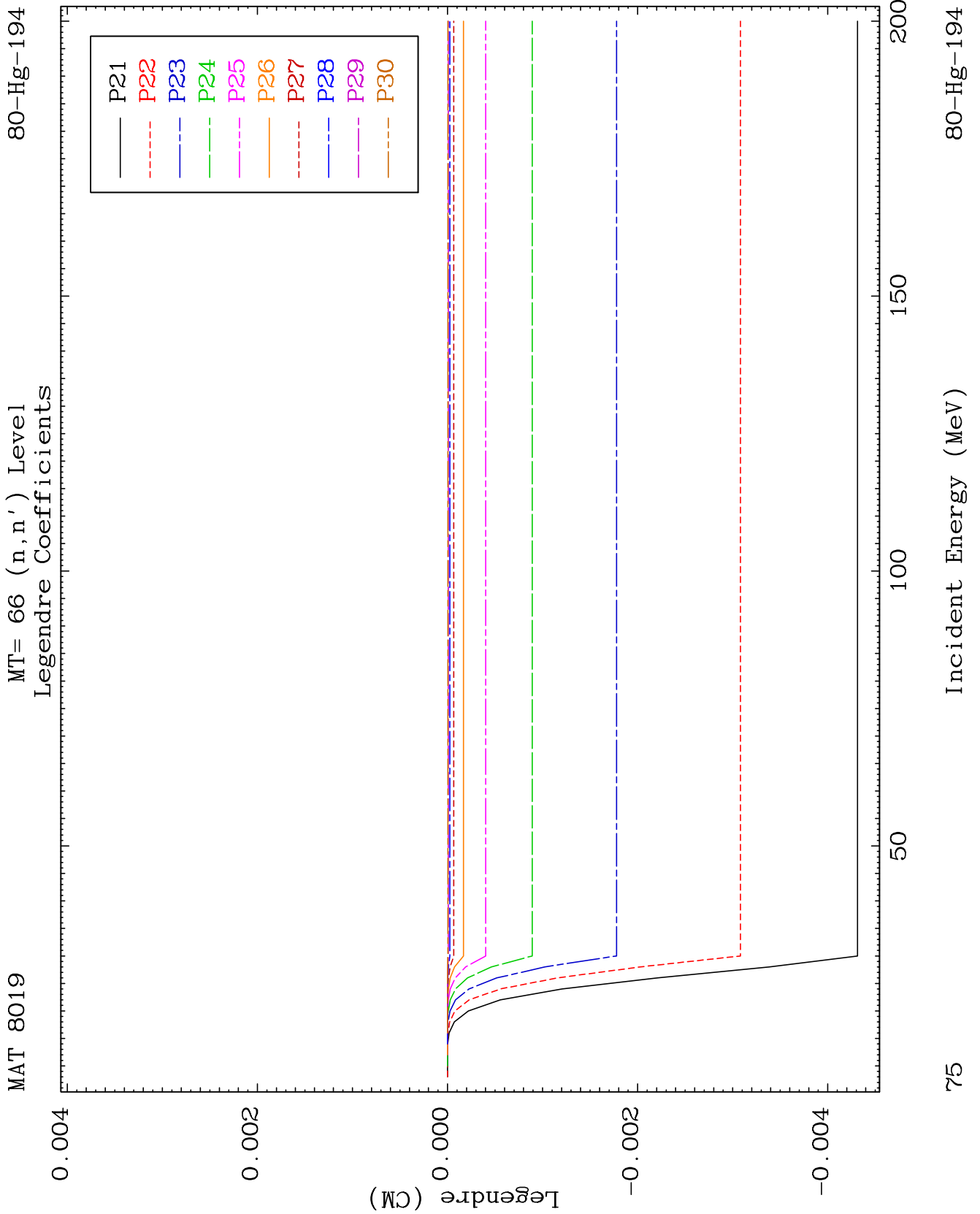
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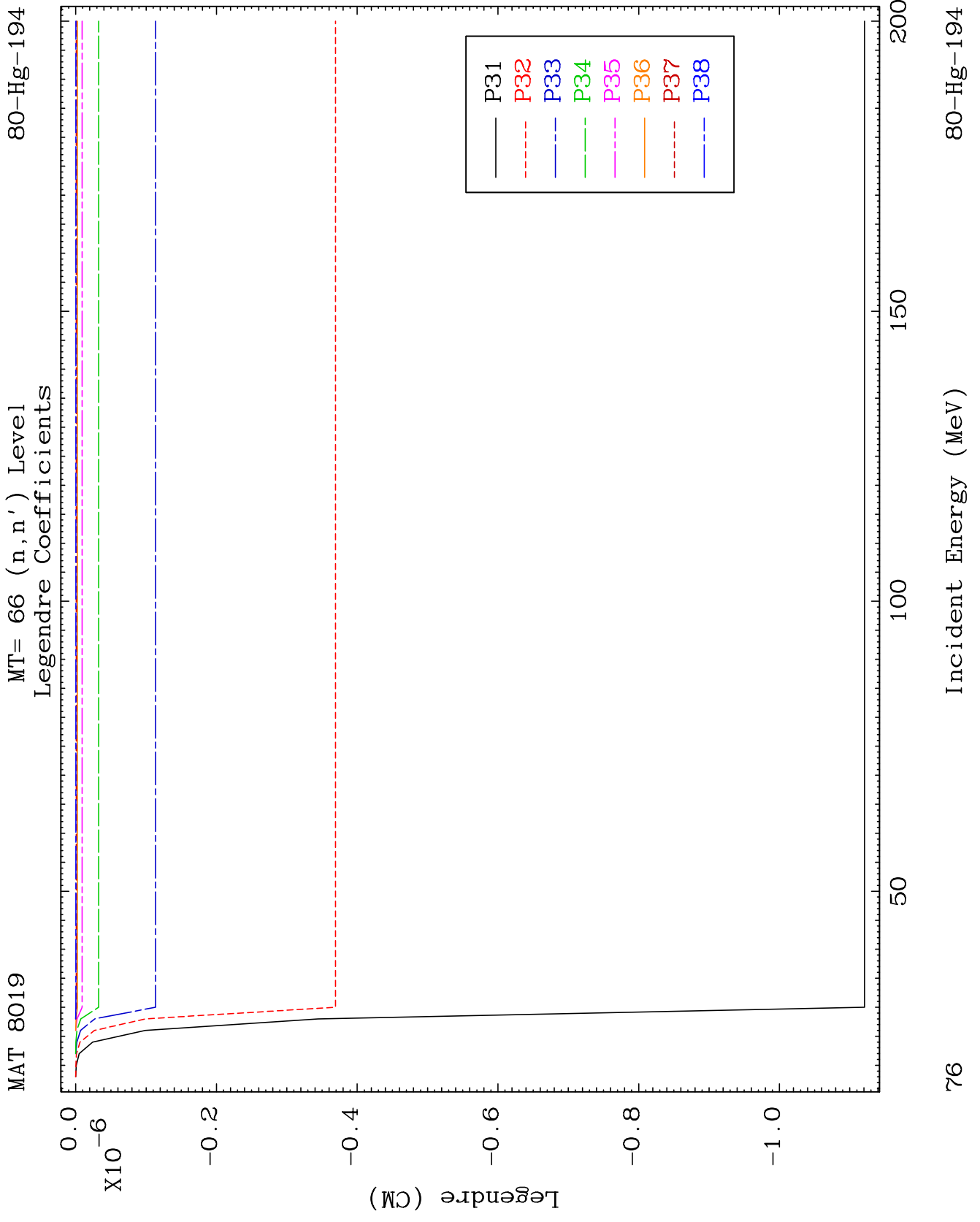


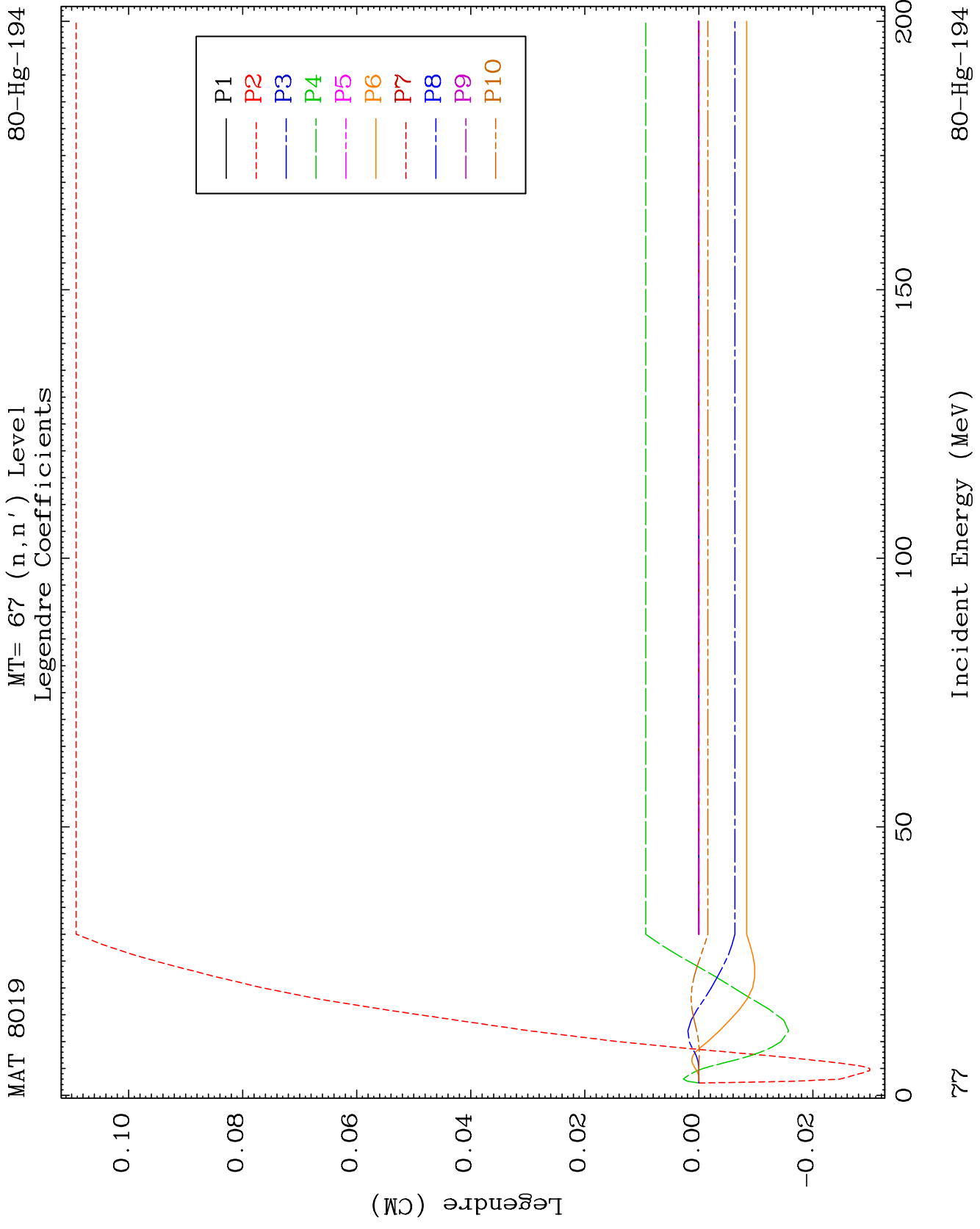
74

Incident Energy (MeV)

80-Hg-194



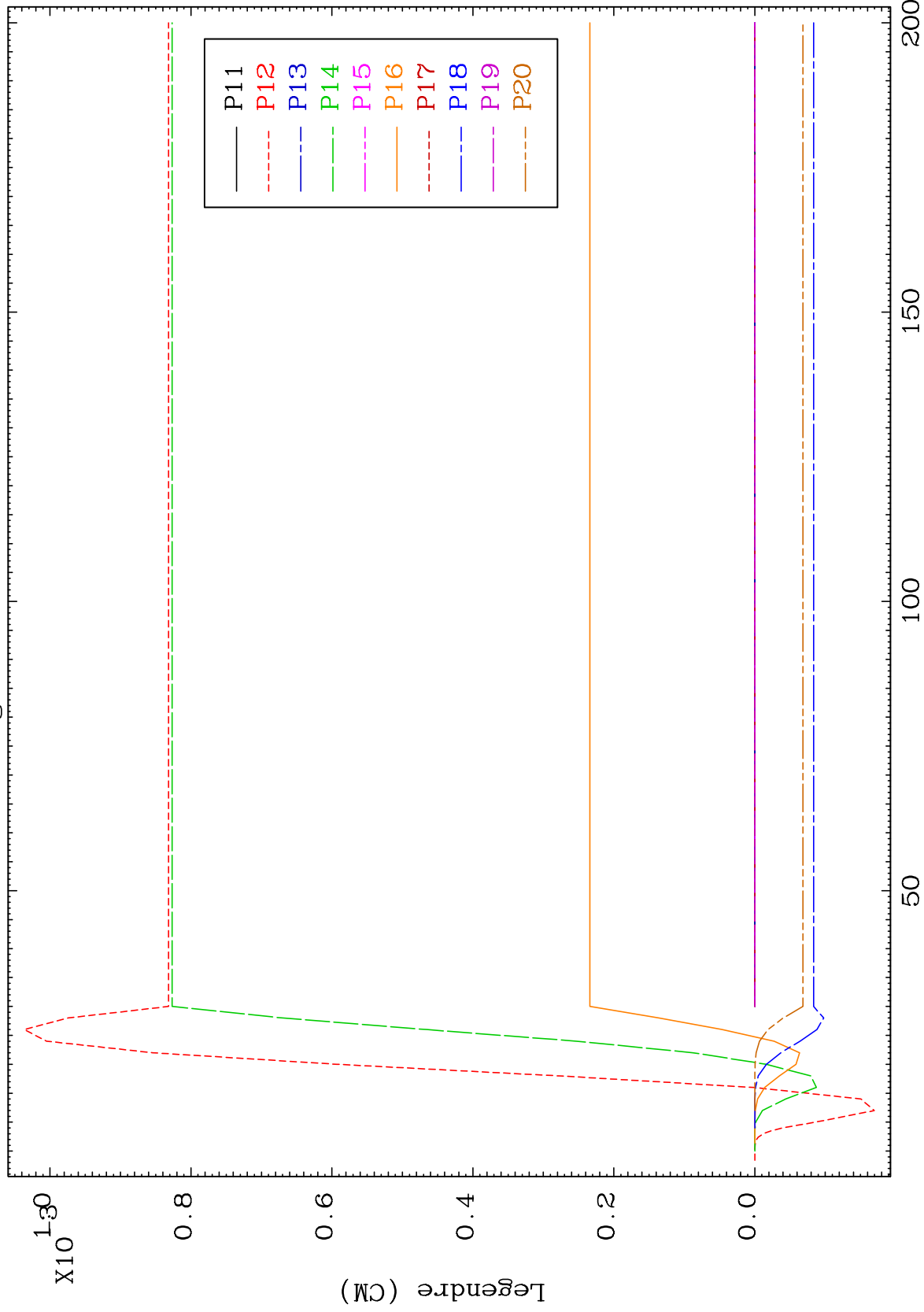




MAT 8019

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

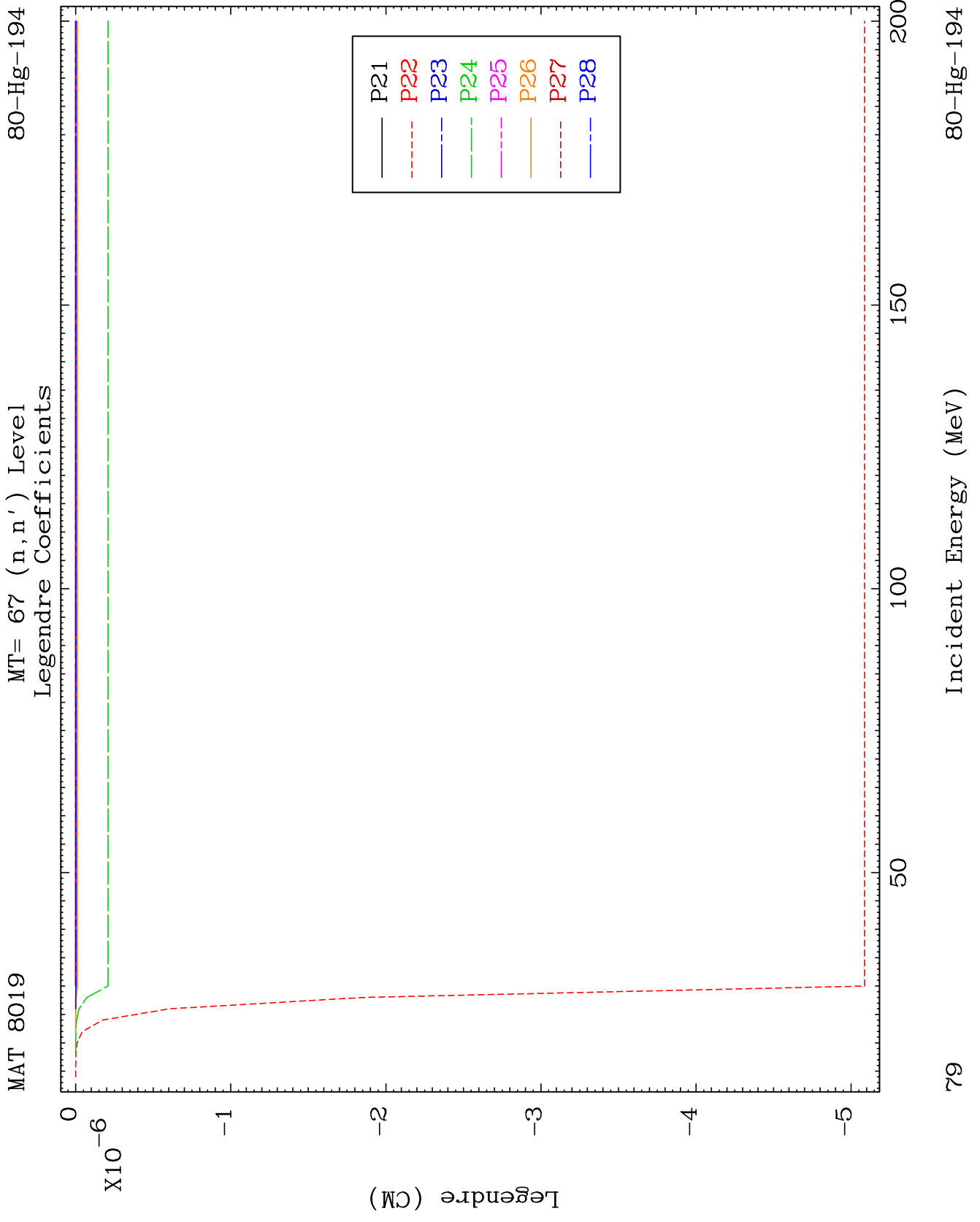
80-Hg-194



78

Incident Energy (MeV)

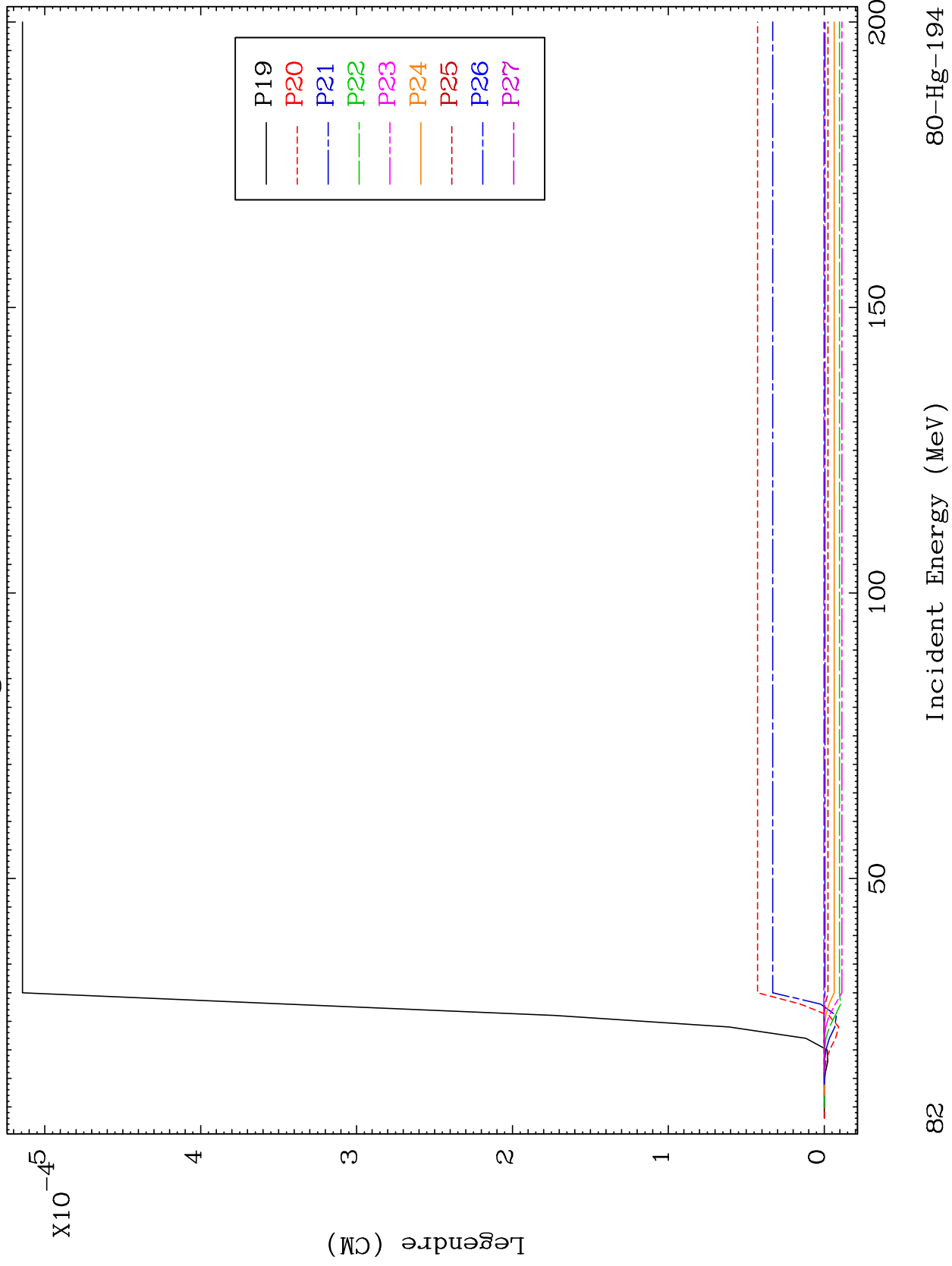
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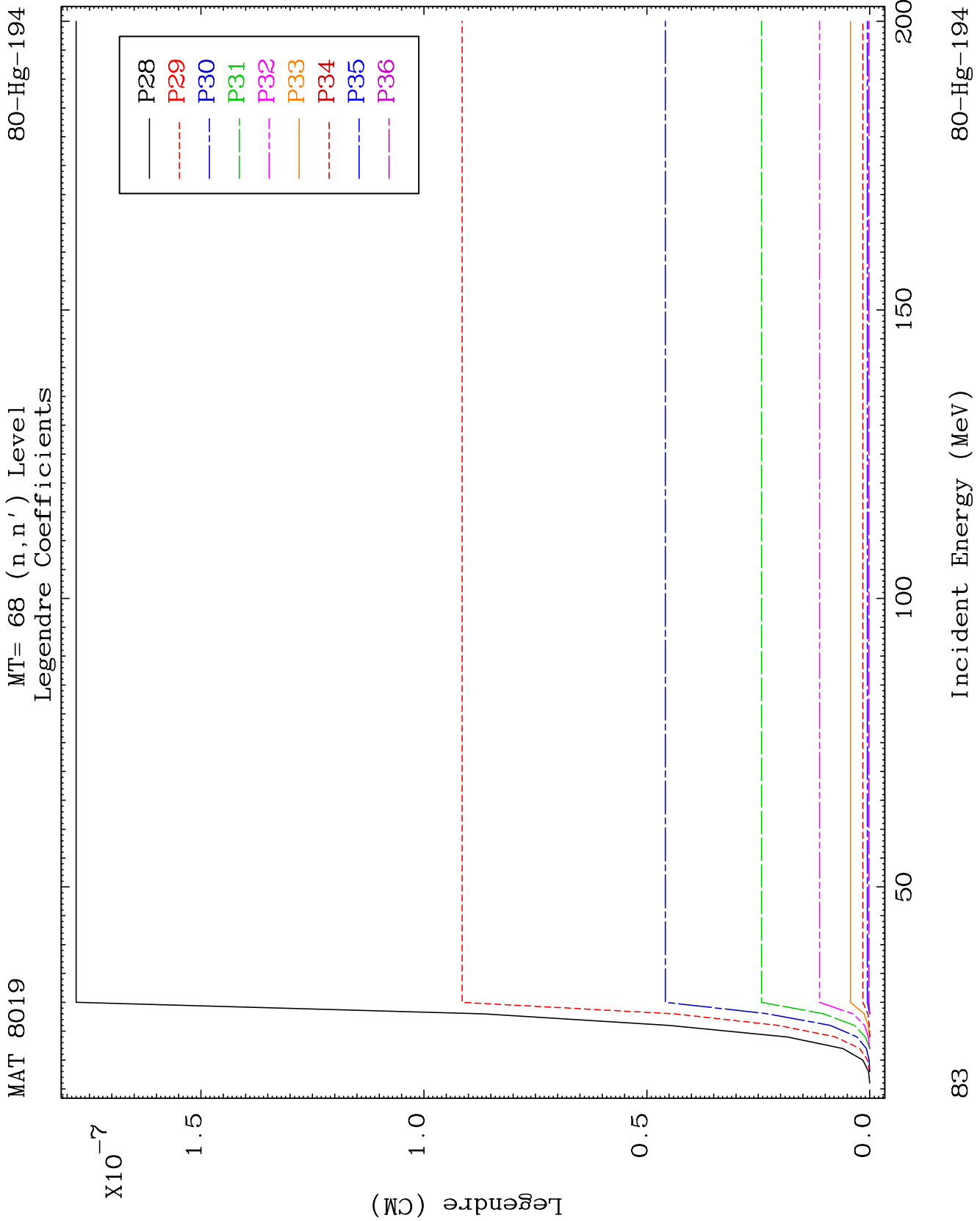


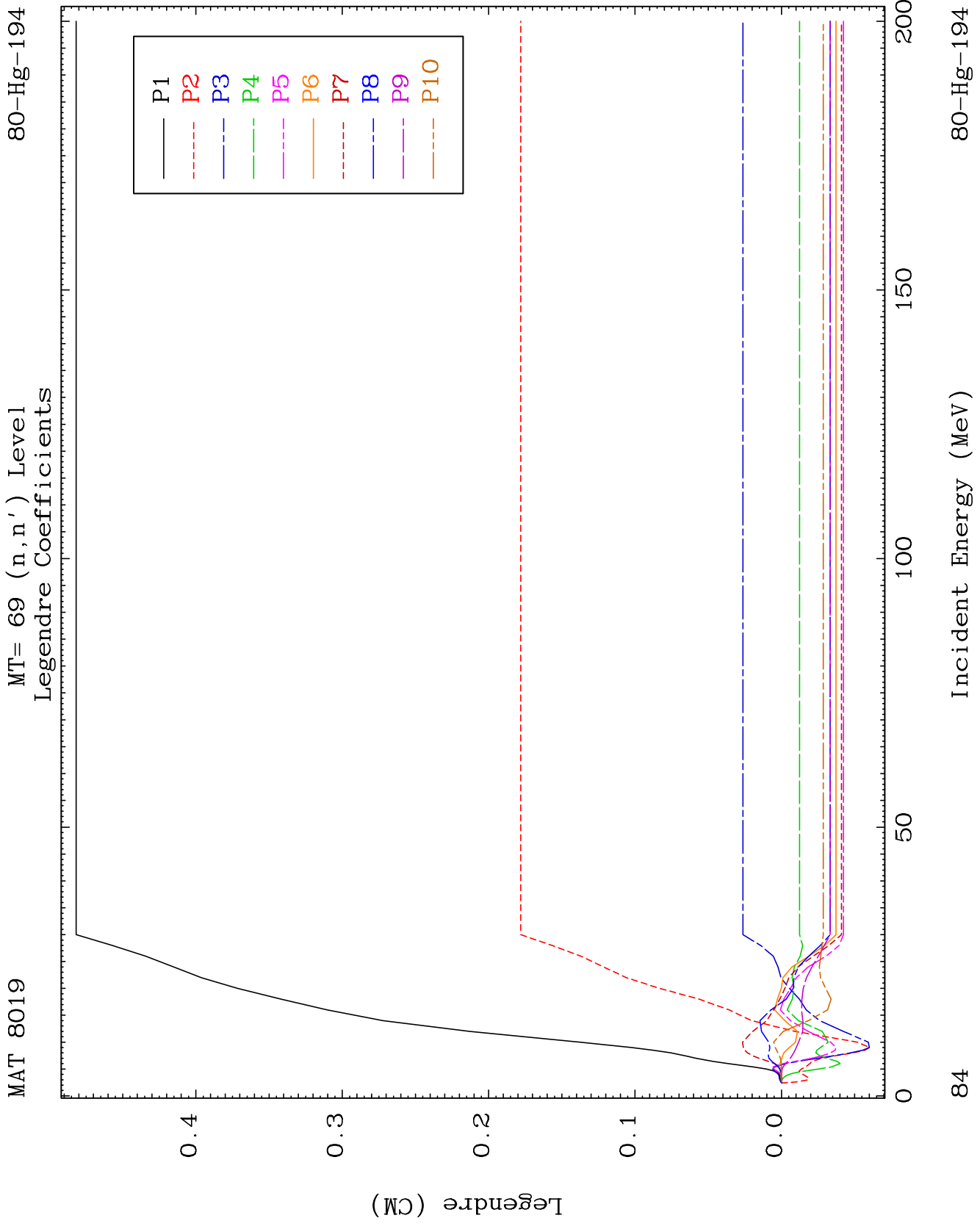
MAT 8019

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

80-Hg-194



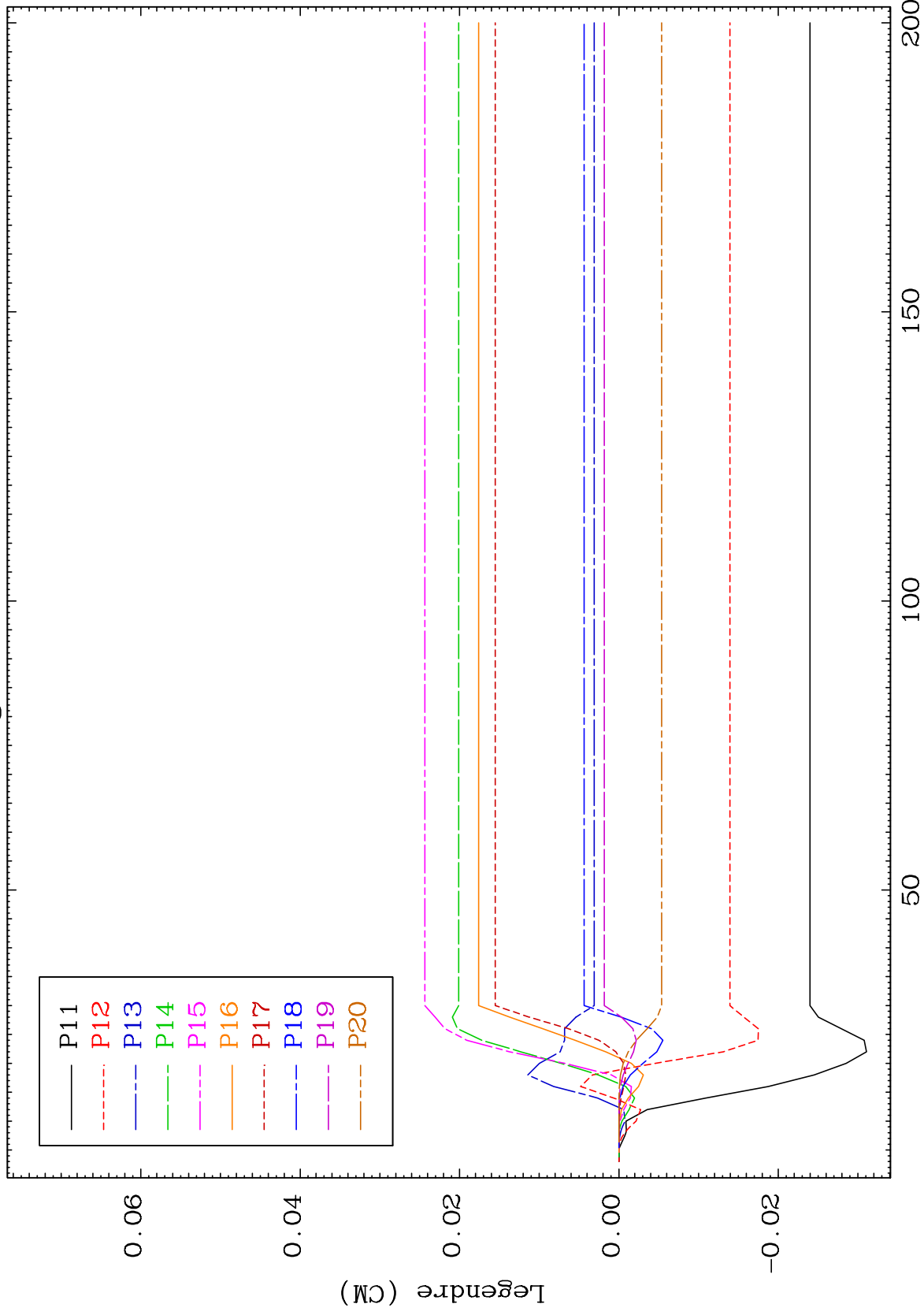




MAT 8019

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

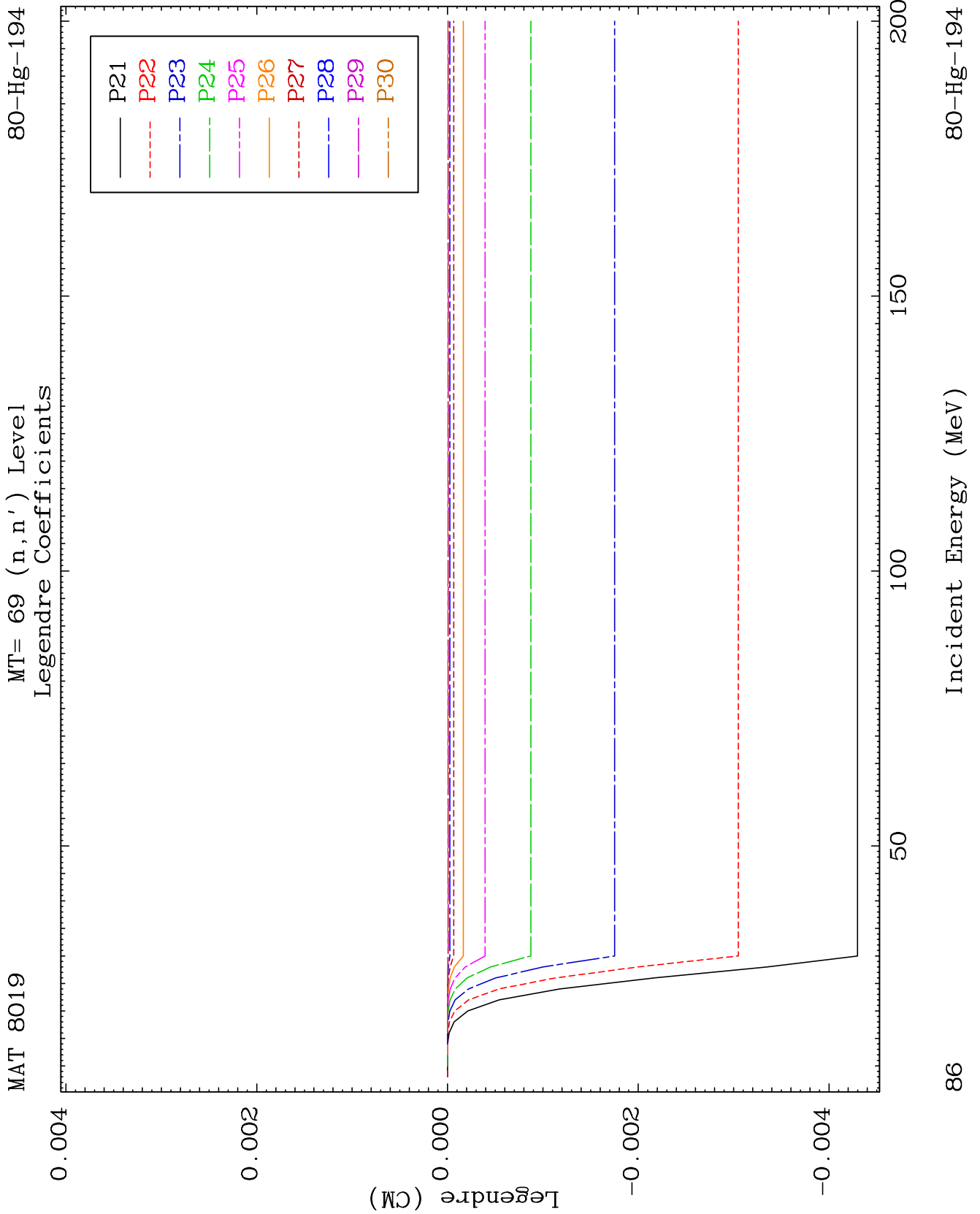
80-Hg-194



85

Incident Energy (MeV)

80-Hg-194

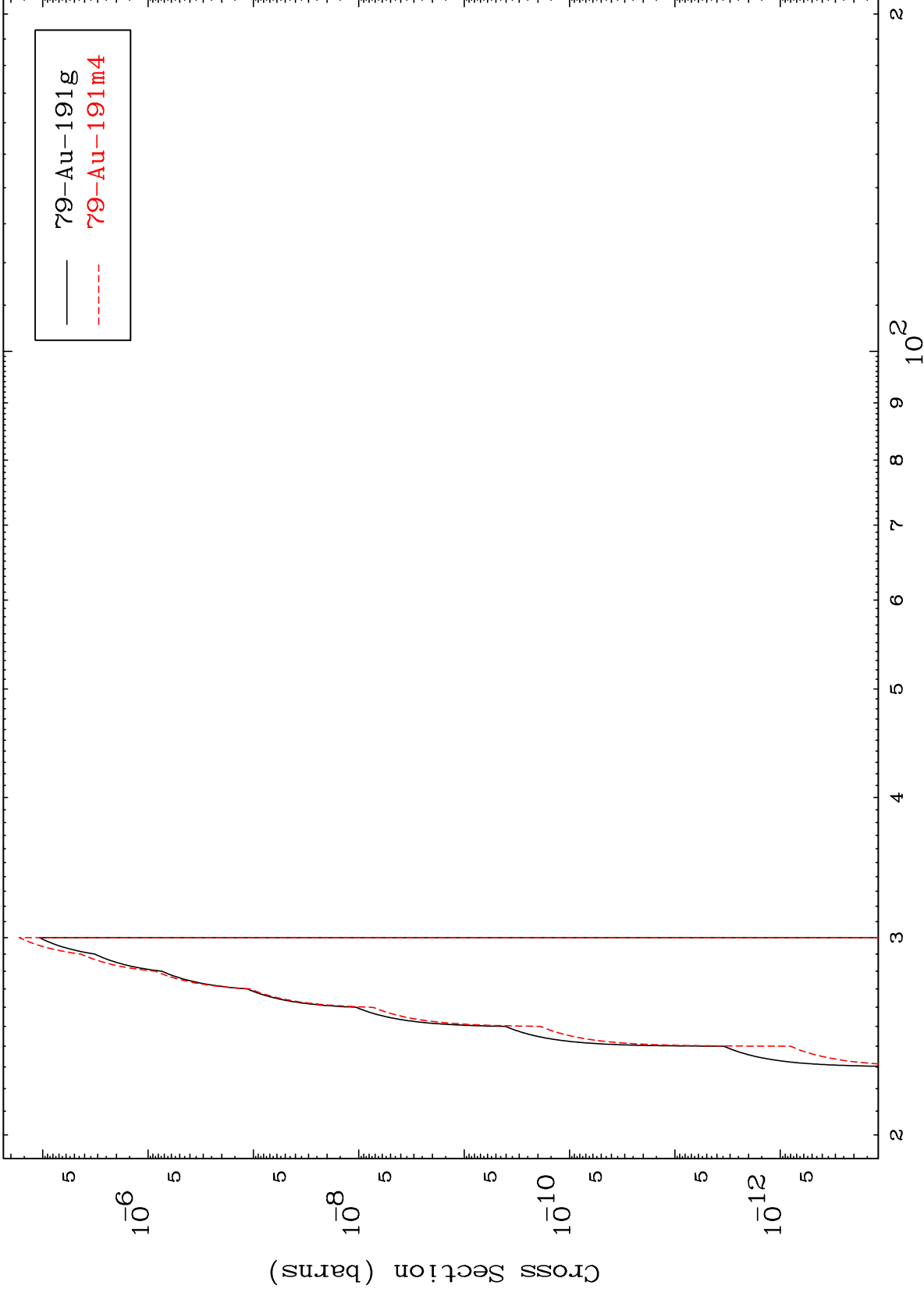


MAT 8019

(n,2n) d

80-Hg-194

Radionuclide Production Cross Section



88

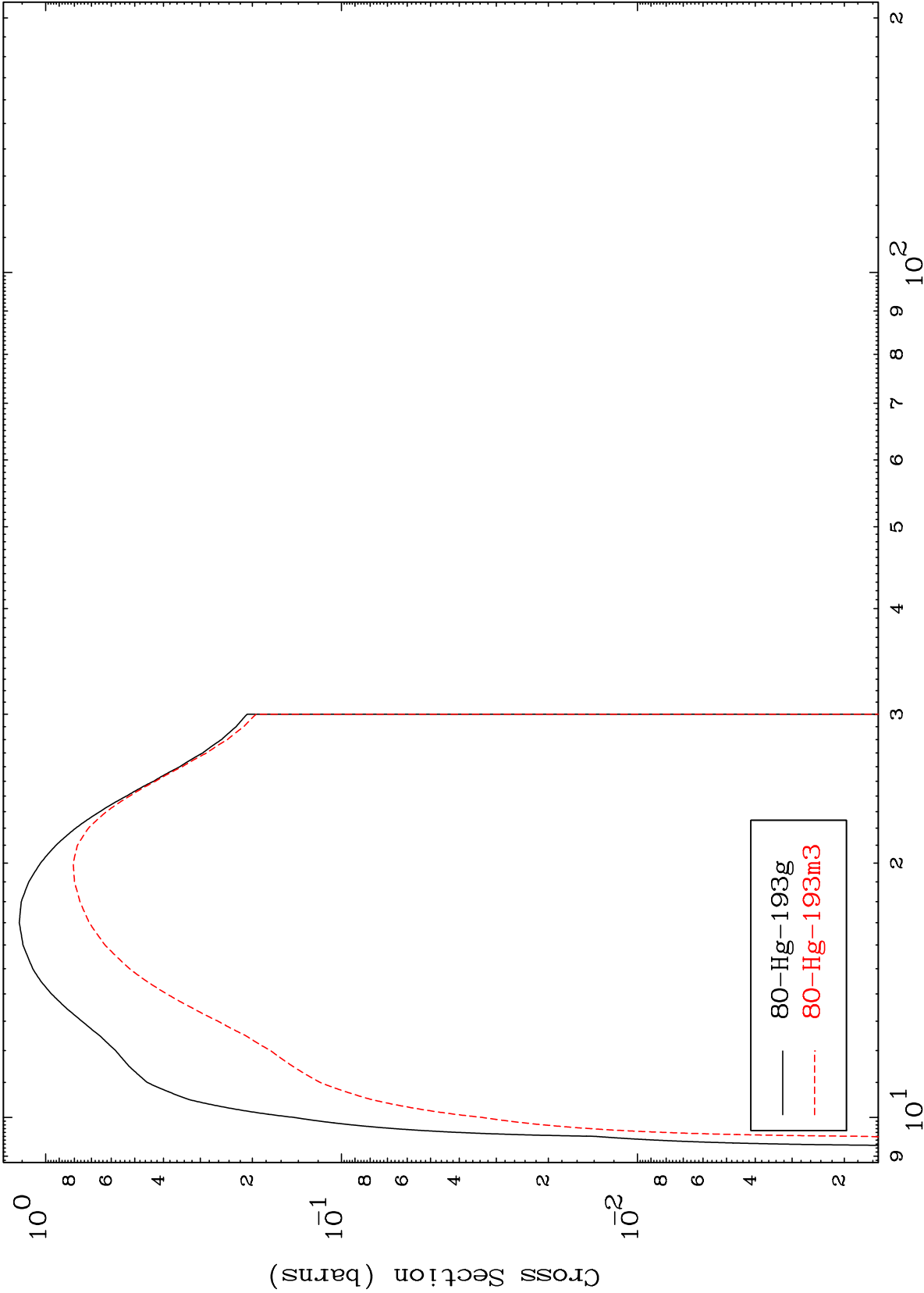
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,2n)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

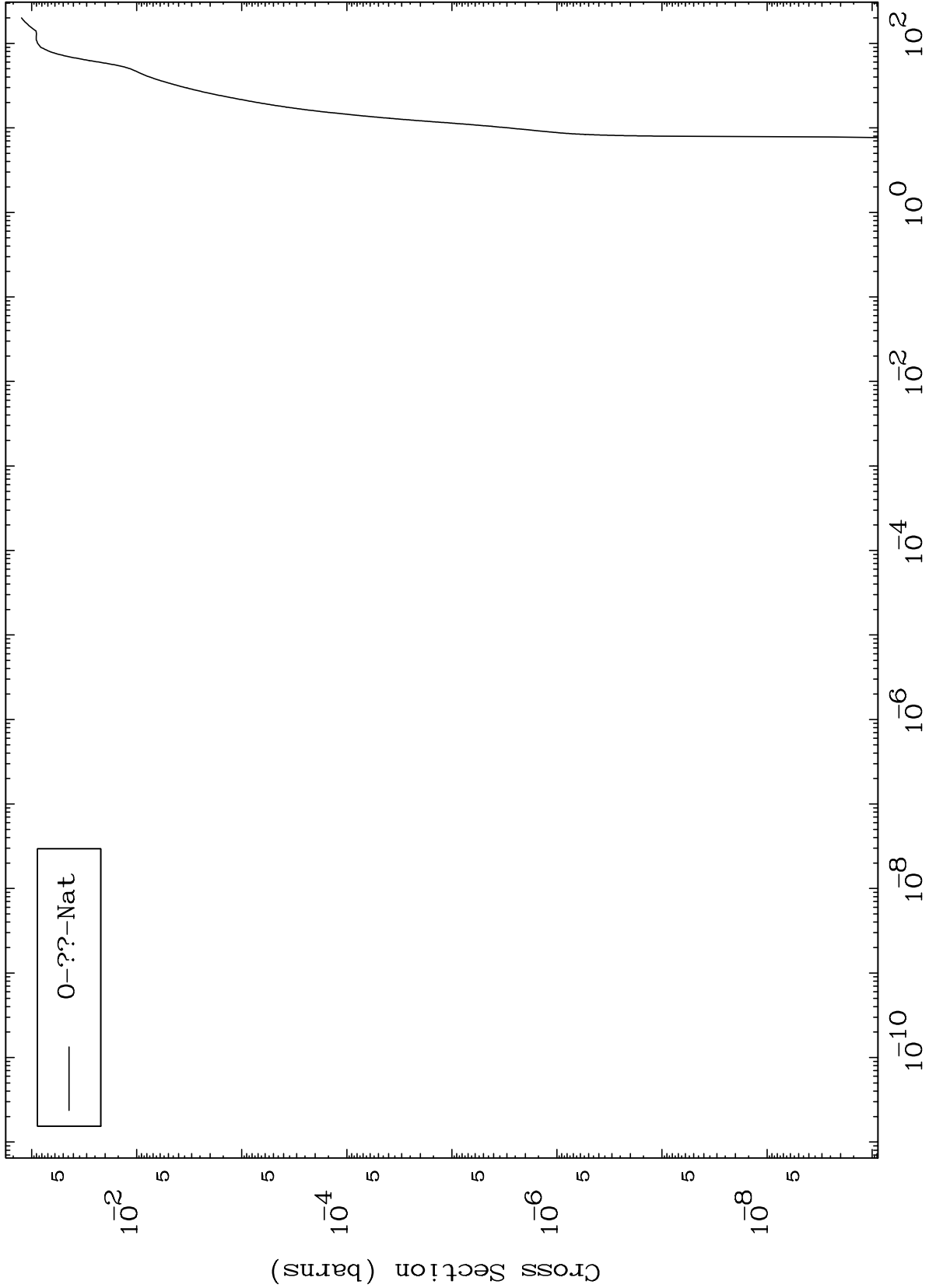
80-Hg-194

MAT 8019

Fission

80-Hg-194

Radionuclide Production Cross Section



90

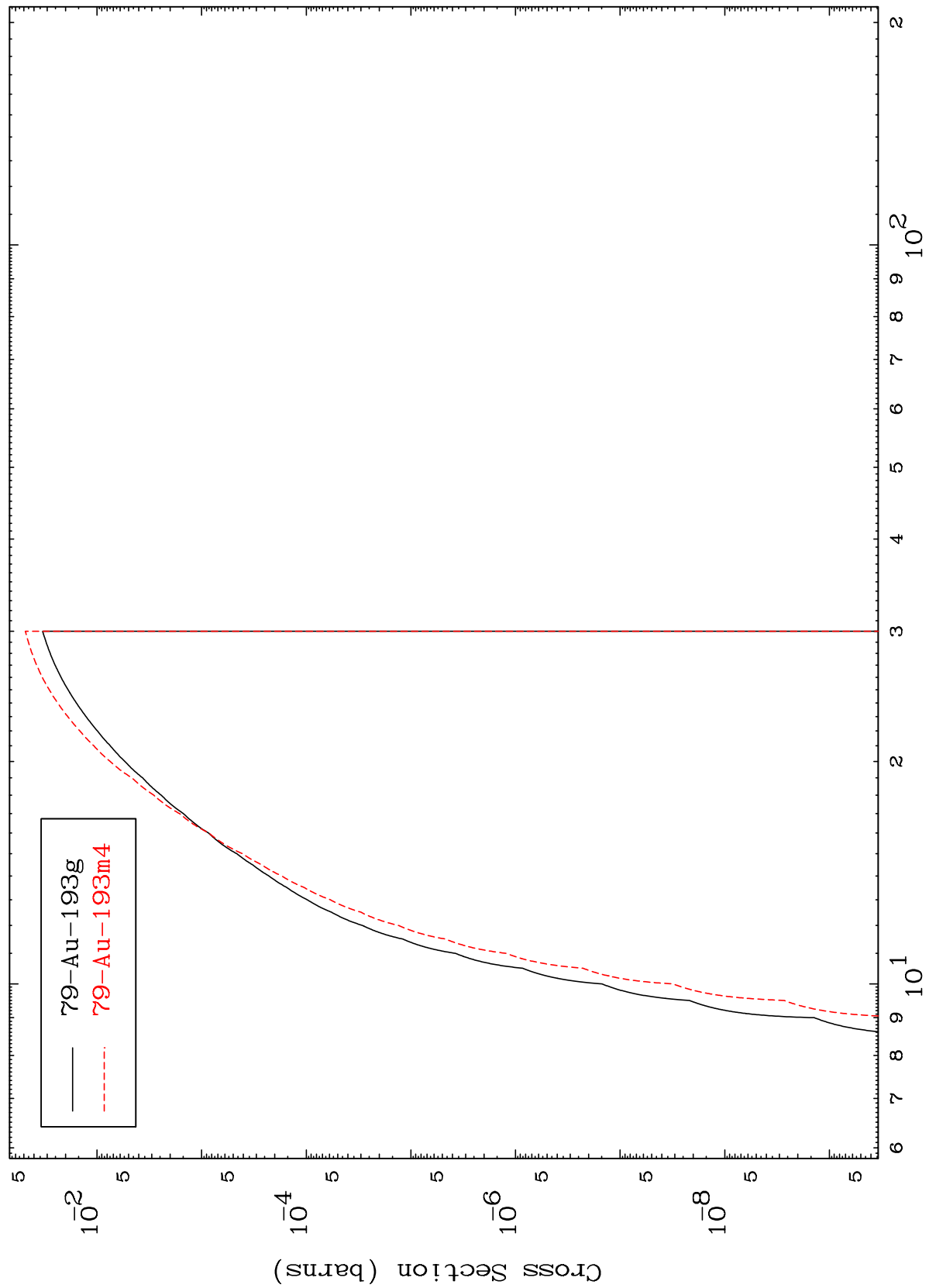
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,n') p
Radionuclide Production Cross Section



91

Incident Energy (MeV)

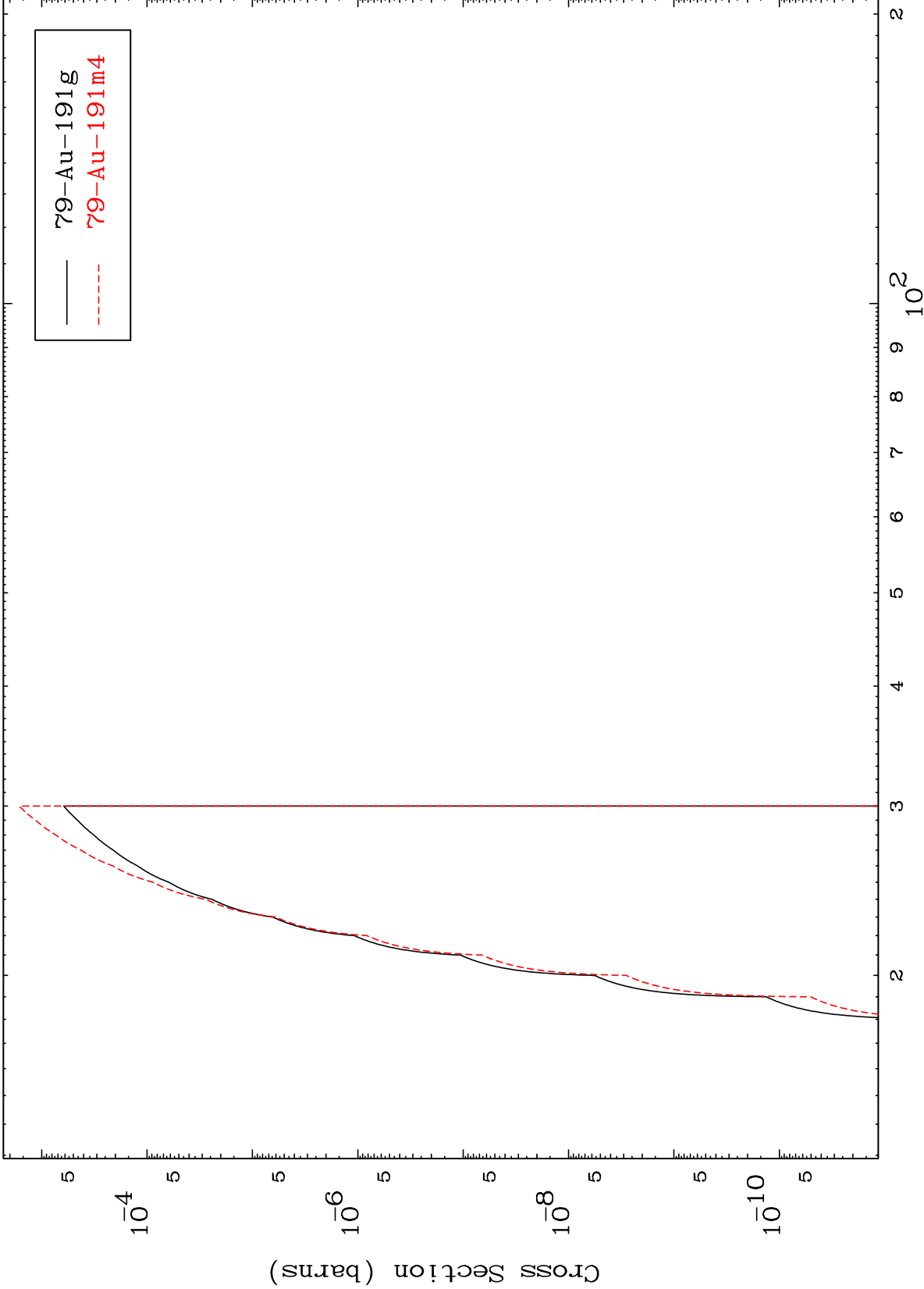
80-Hg-194

MAT 8019

(n,n') t

80-Hg-194

Radionuclide Production Cross Section



92

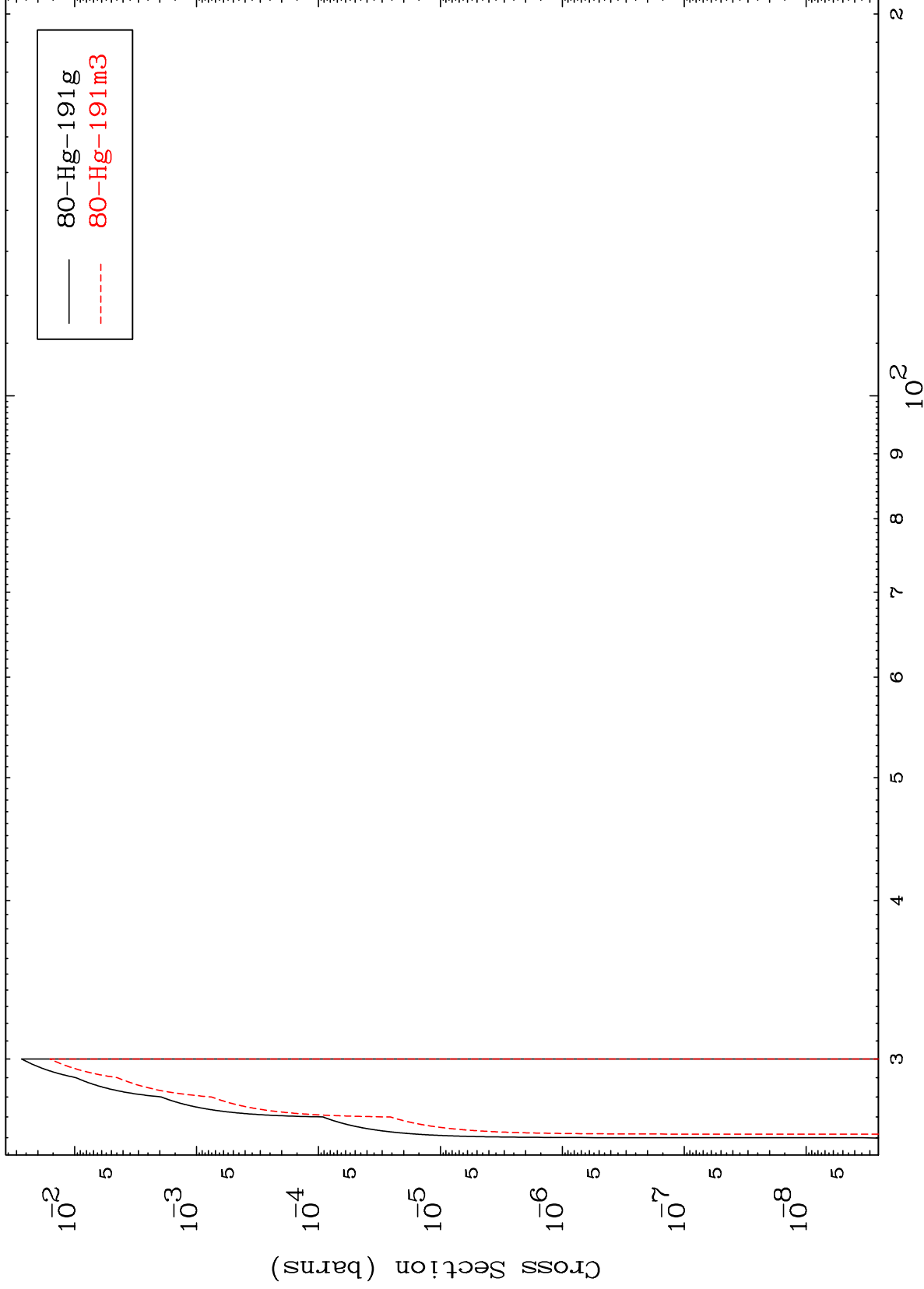
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,4n)
Radionuclide Production Cross Section



93

80-Hg-194

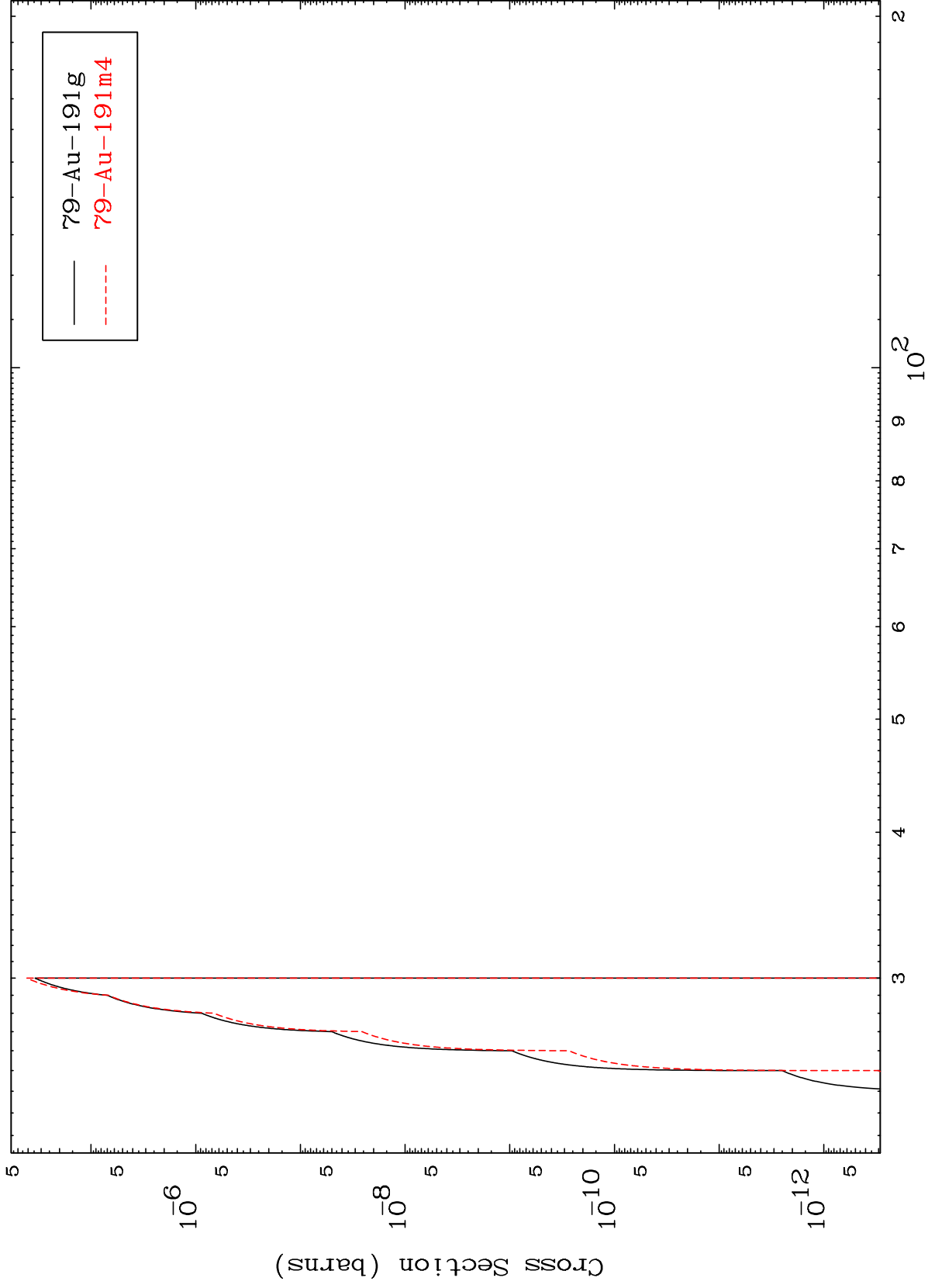
Incident Energy (MeV)

MAT 8019

(n,3n) p

80-Hg-194

Radionuclide Production Cross Section



94

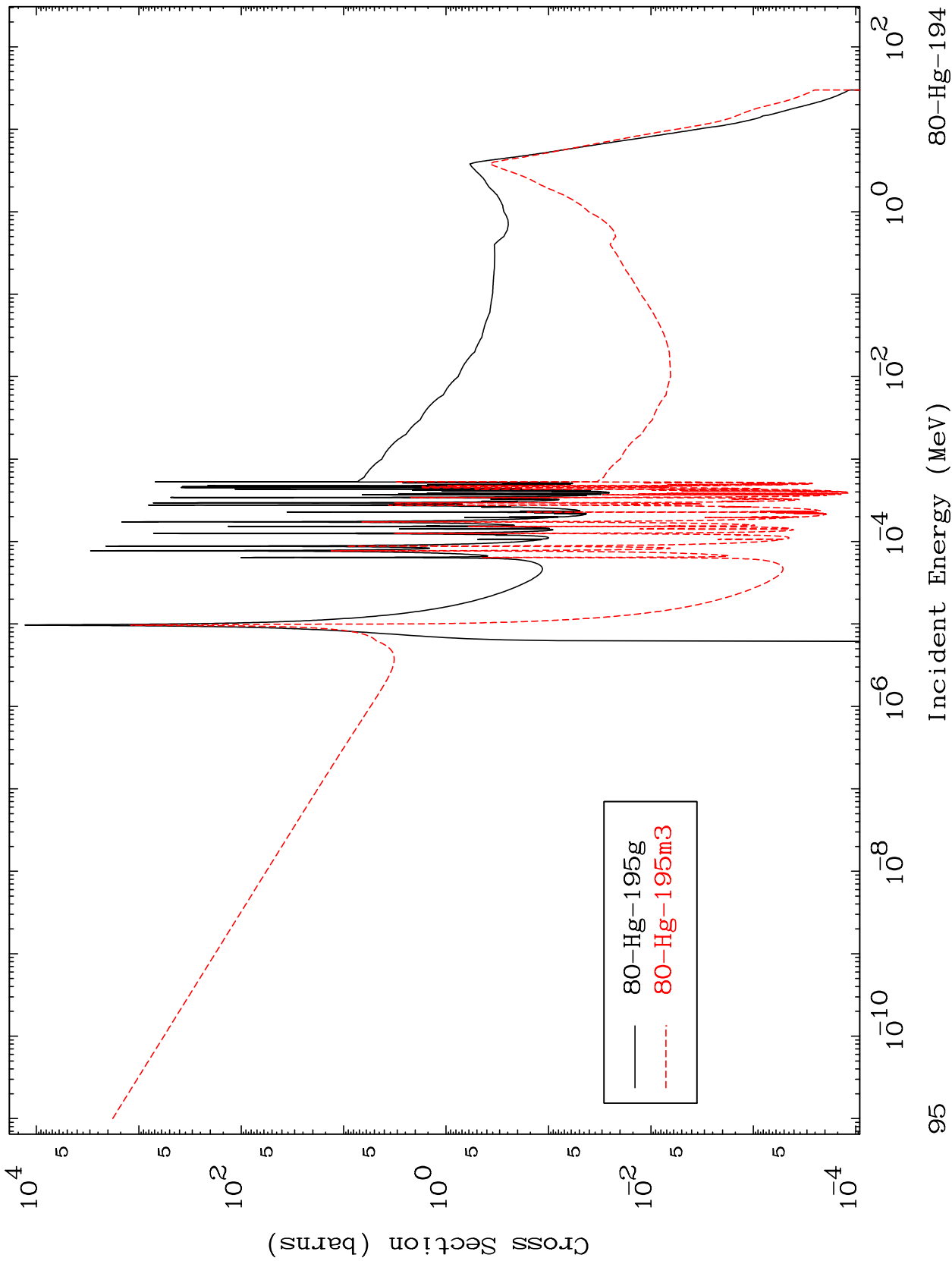
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n, γ)
Radionuclide Production Cross Section

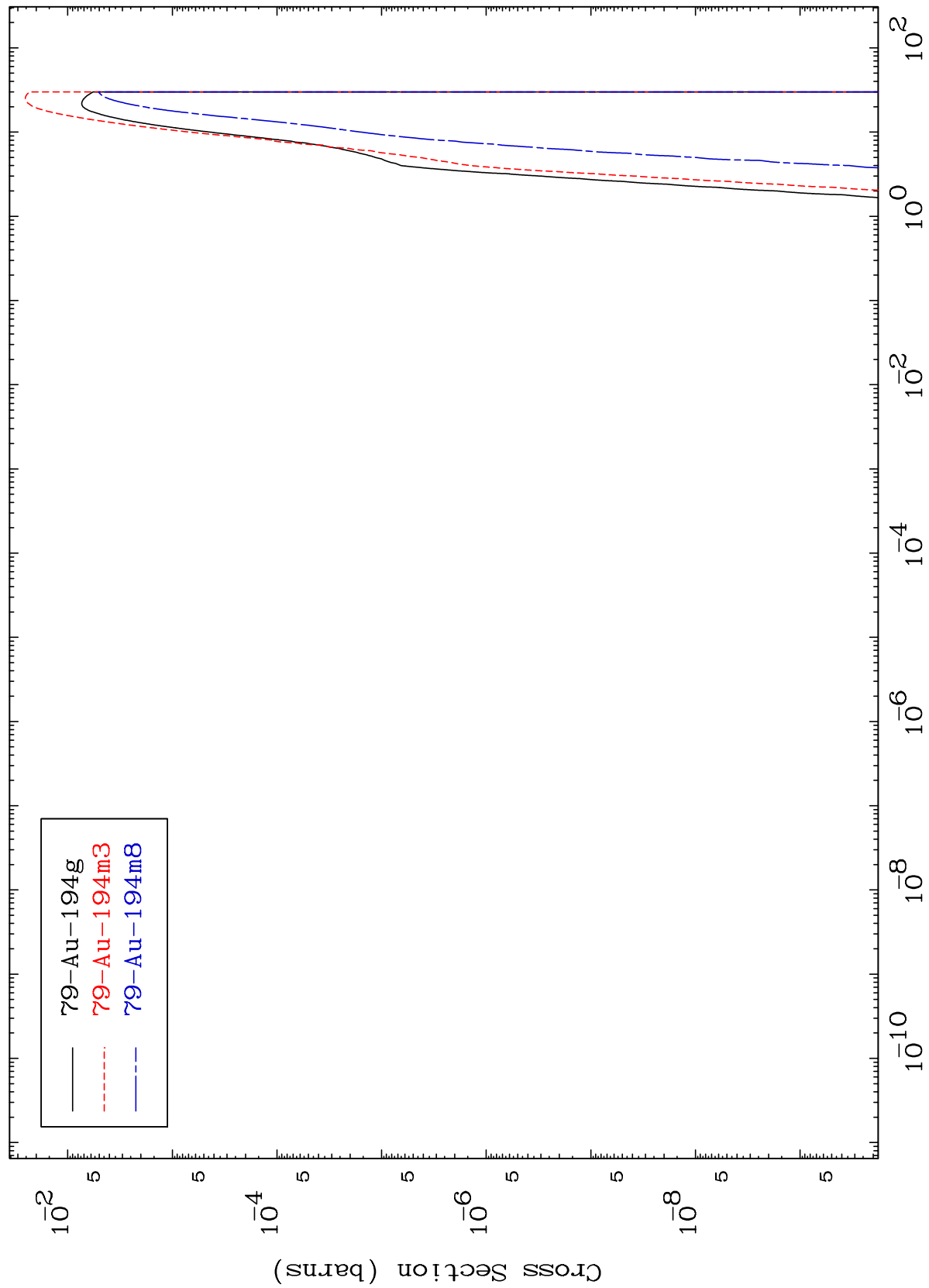


MAT 8019

80-Hg-194

80-Hg-194

(n,p)
Radionuclide Production Cross Section

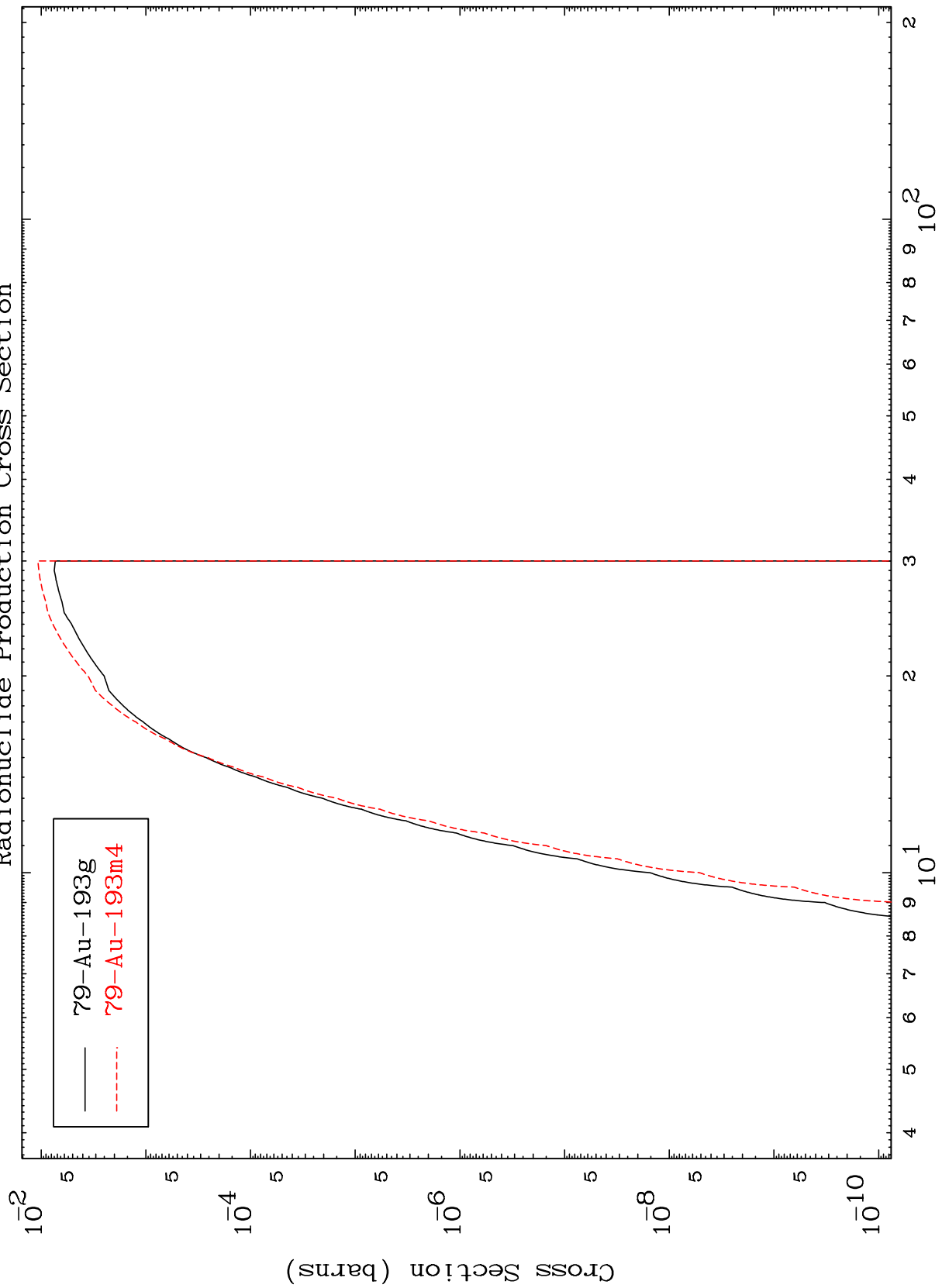


96

MAT 8019

80-Hg-194

(n,d)
Radionuclide Production Cross Section



— $^{79}\text{Au-193g}$
- - - $^{79}\text{Au-193m4}$

97

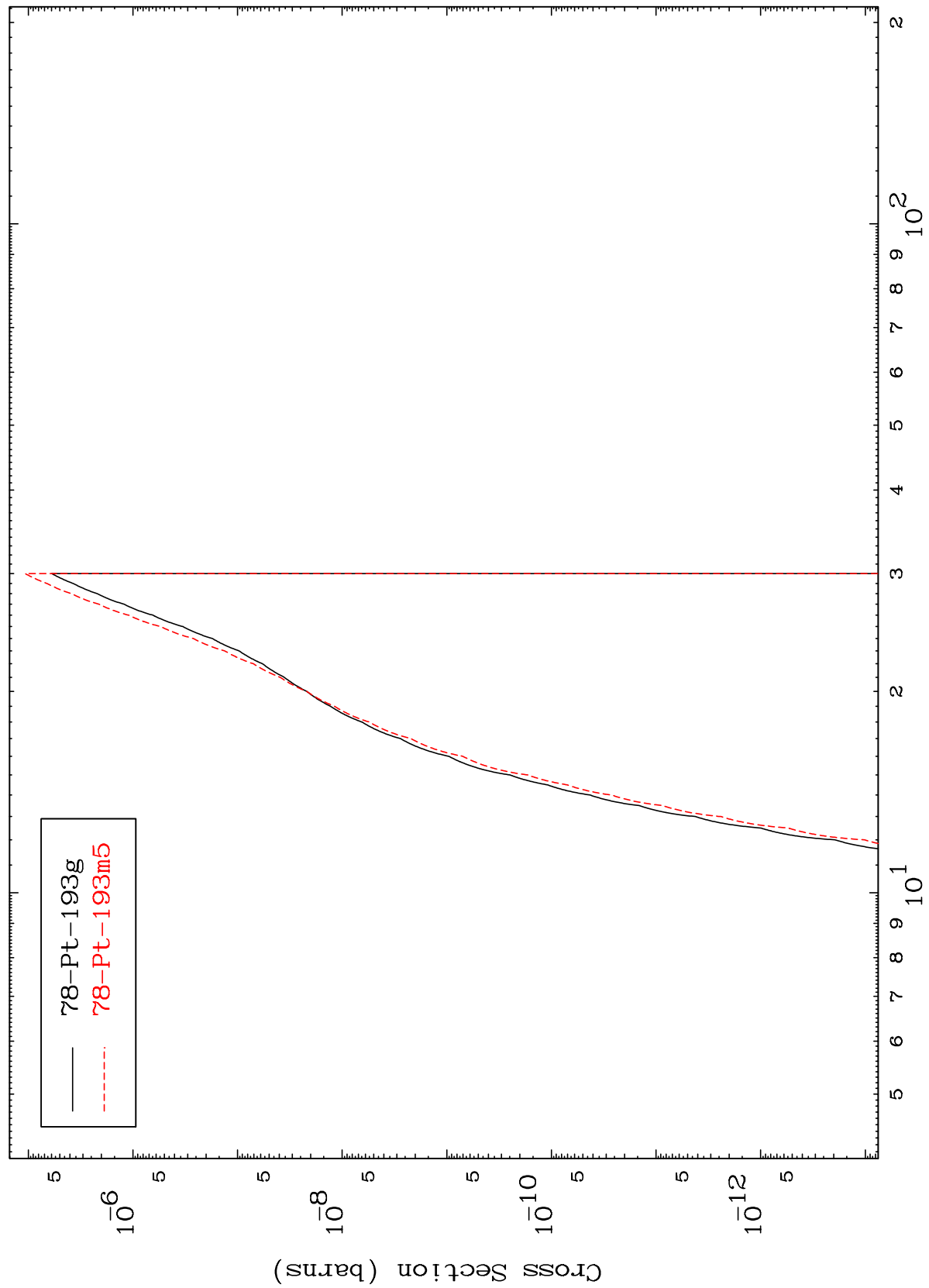
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,2p)
Radionuclide Production Cross Section



98

Incident Energy (MeV)

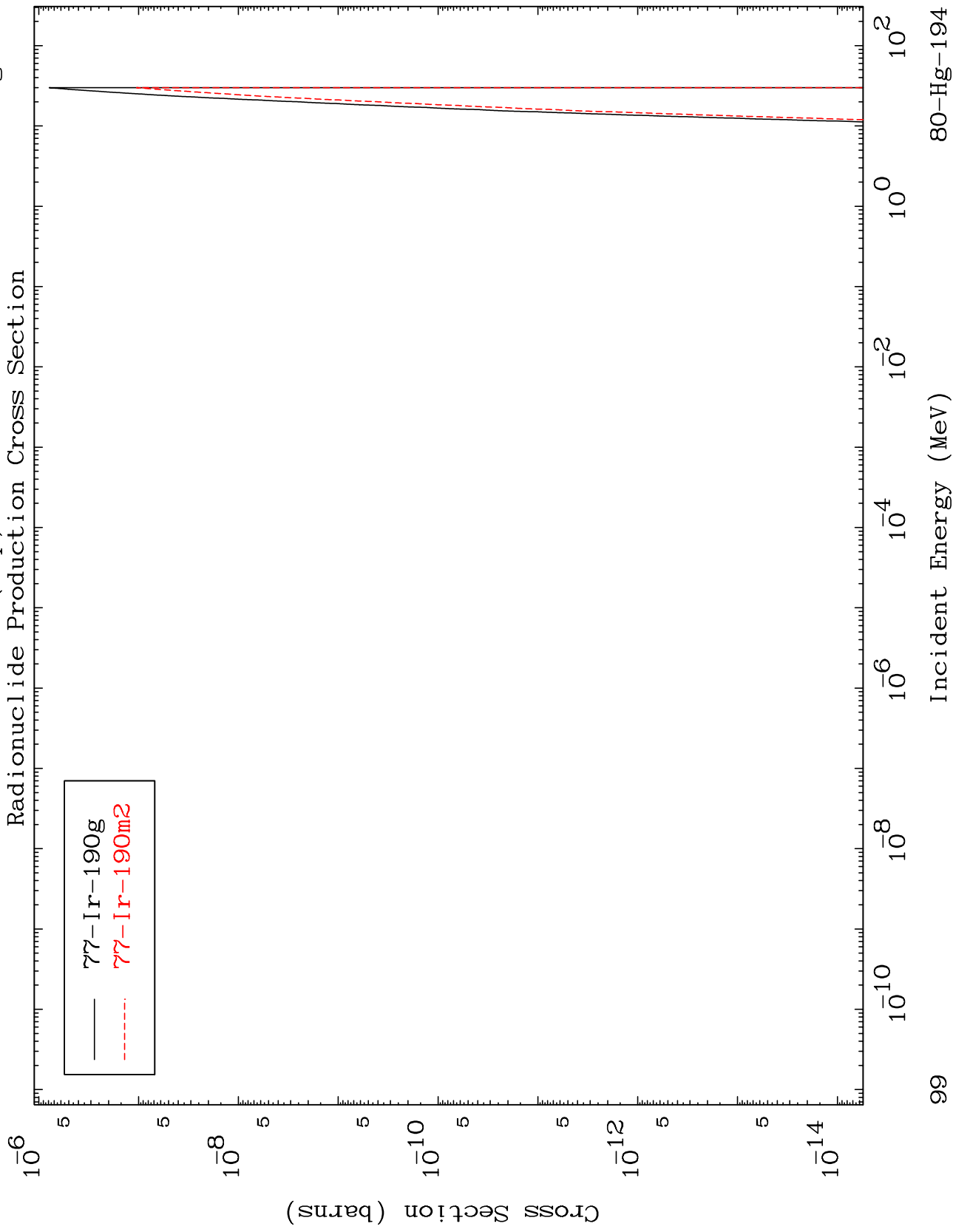
80-Hg-194

MAT 8019

(n,p) α

80-Hg-194

Radionuclide Production Cross Section



99