

Program EVALPLOT
(Version 2015-2)

by

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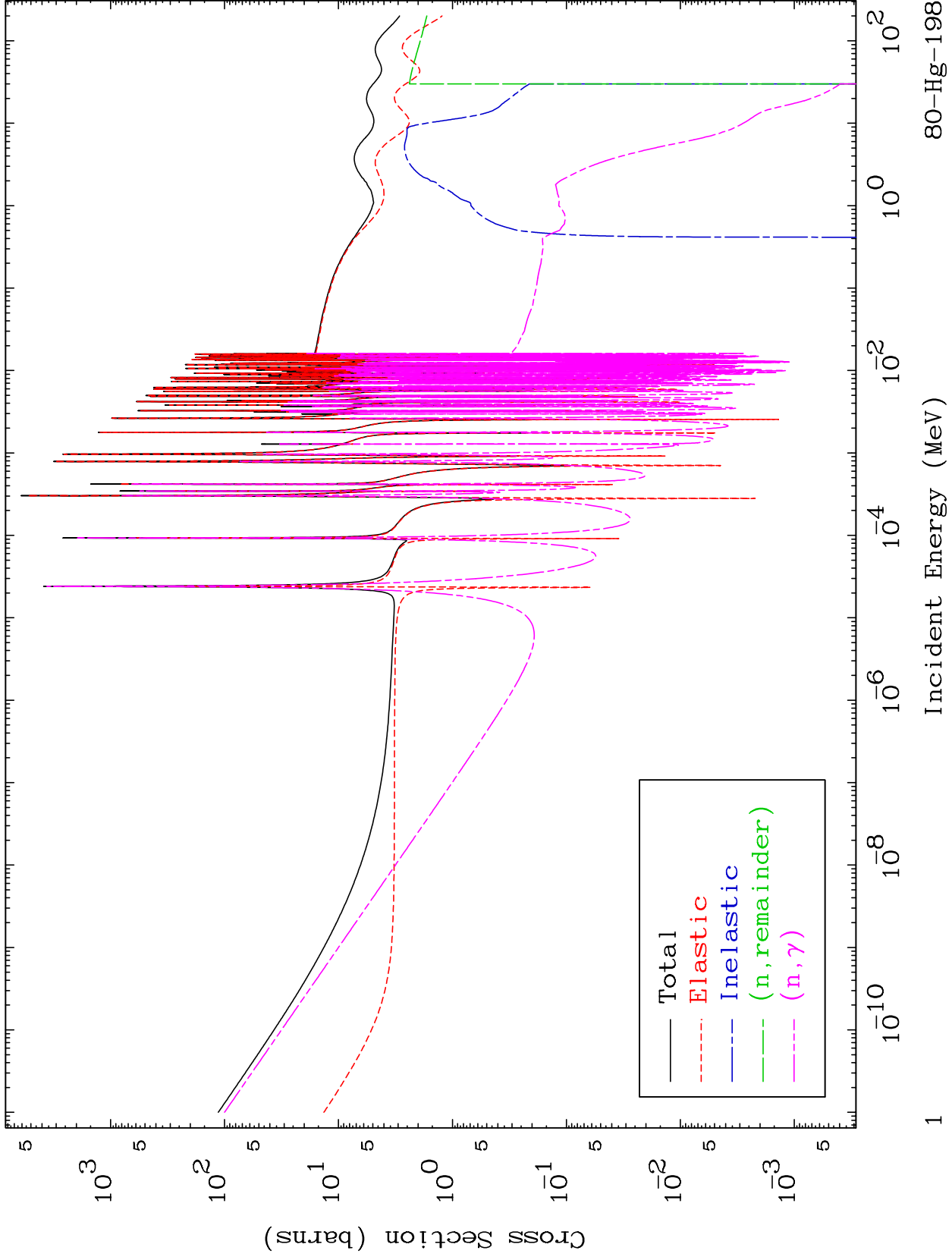
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8031

Major
293 Kelvin Cross Sections

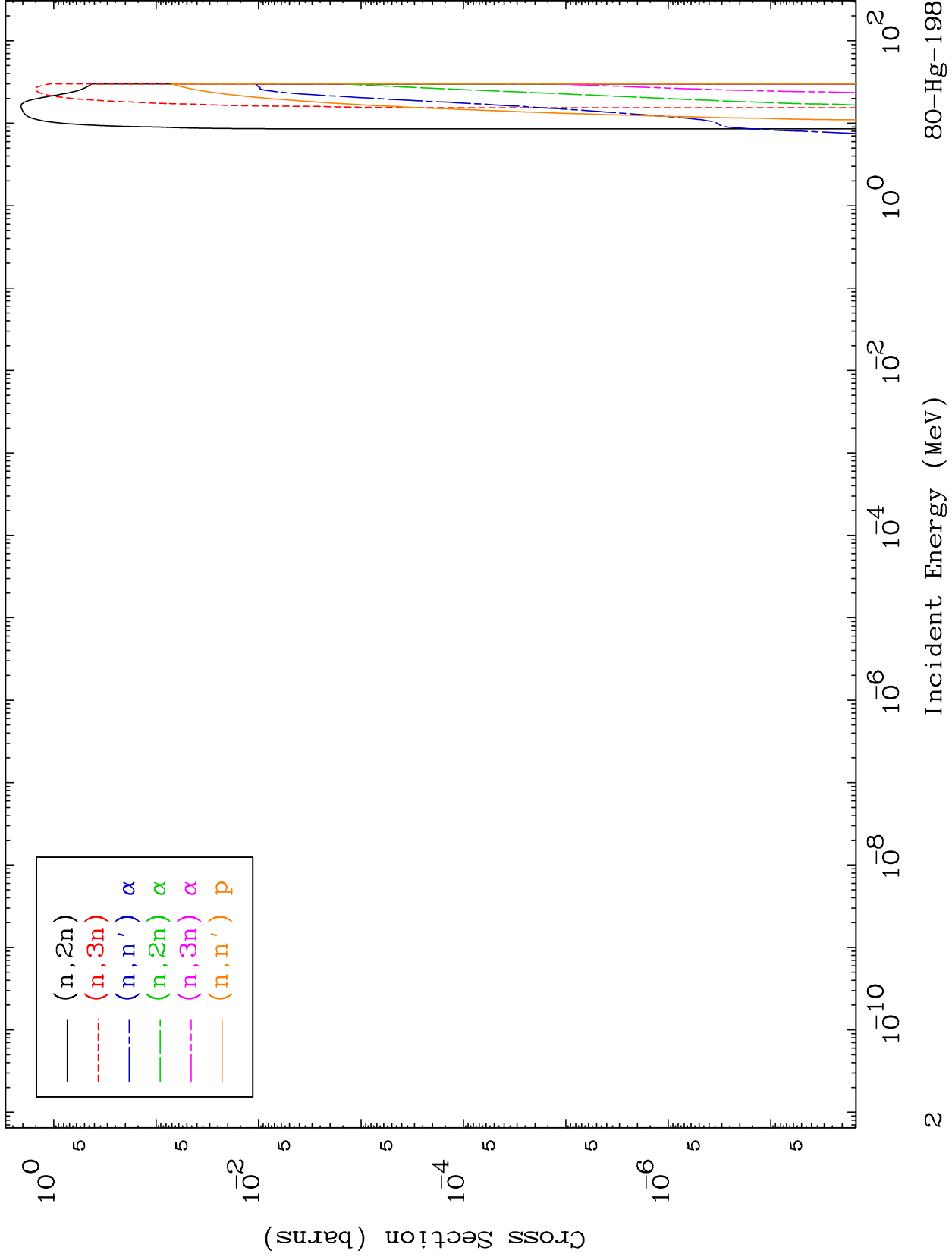
80-Hg-198

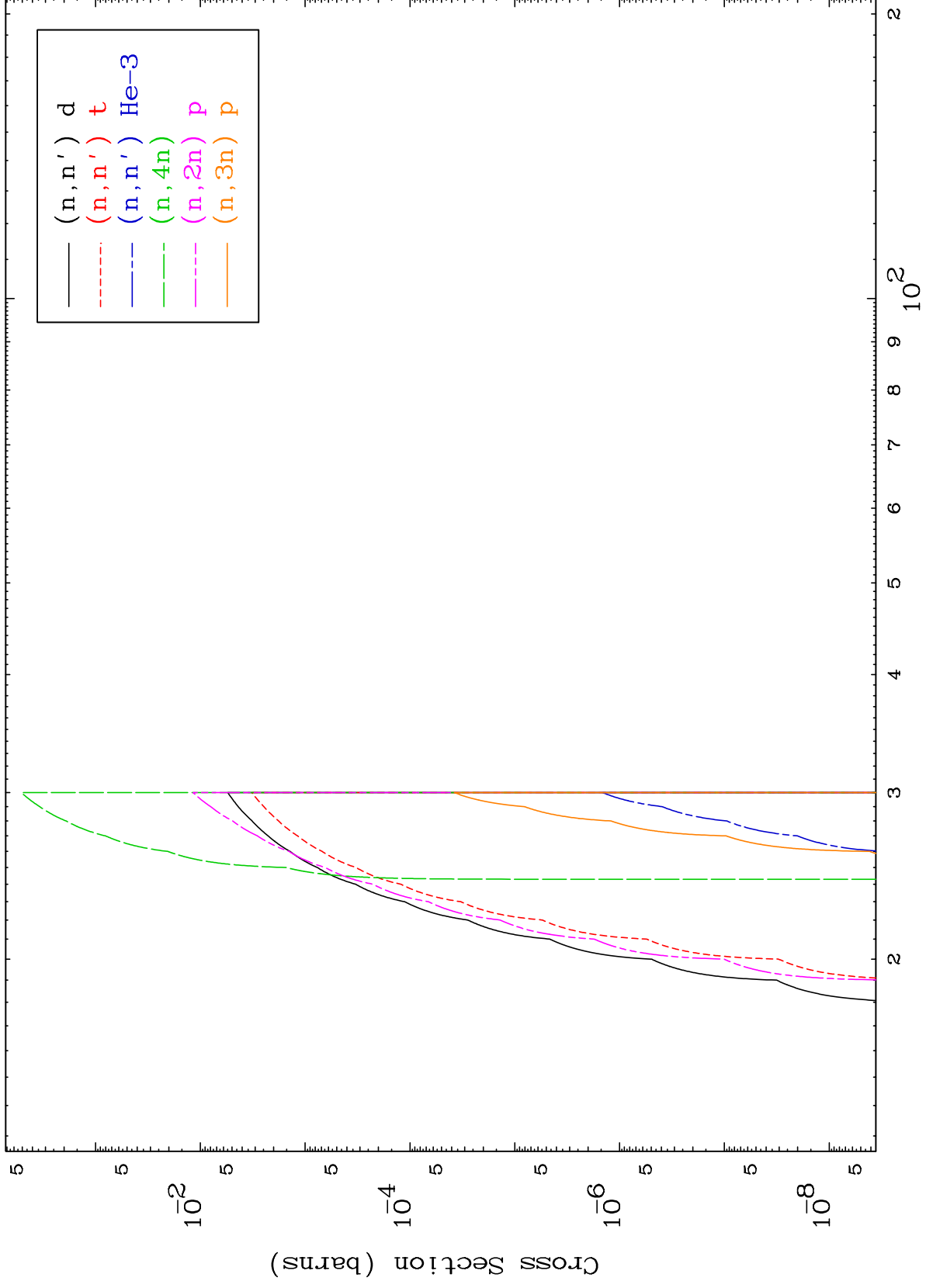


MAT 8031

Neutron Production
293 Kelvin Cross Sections

80-Hg-198

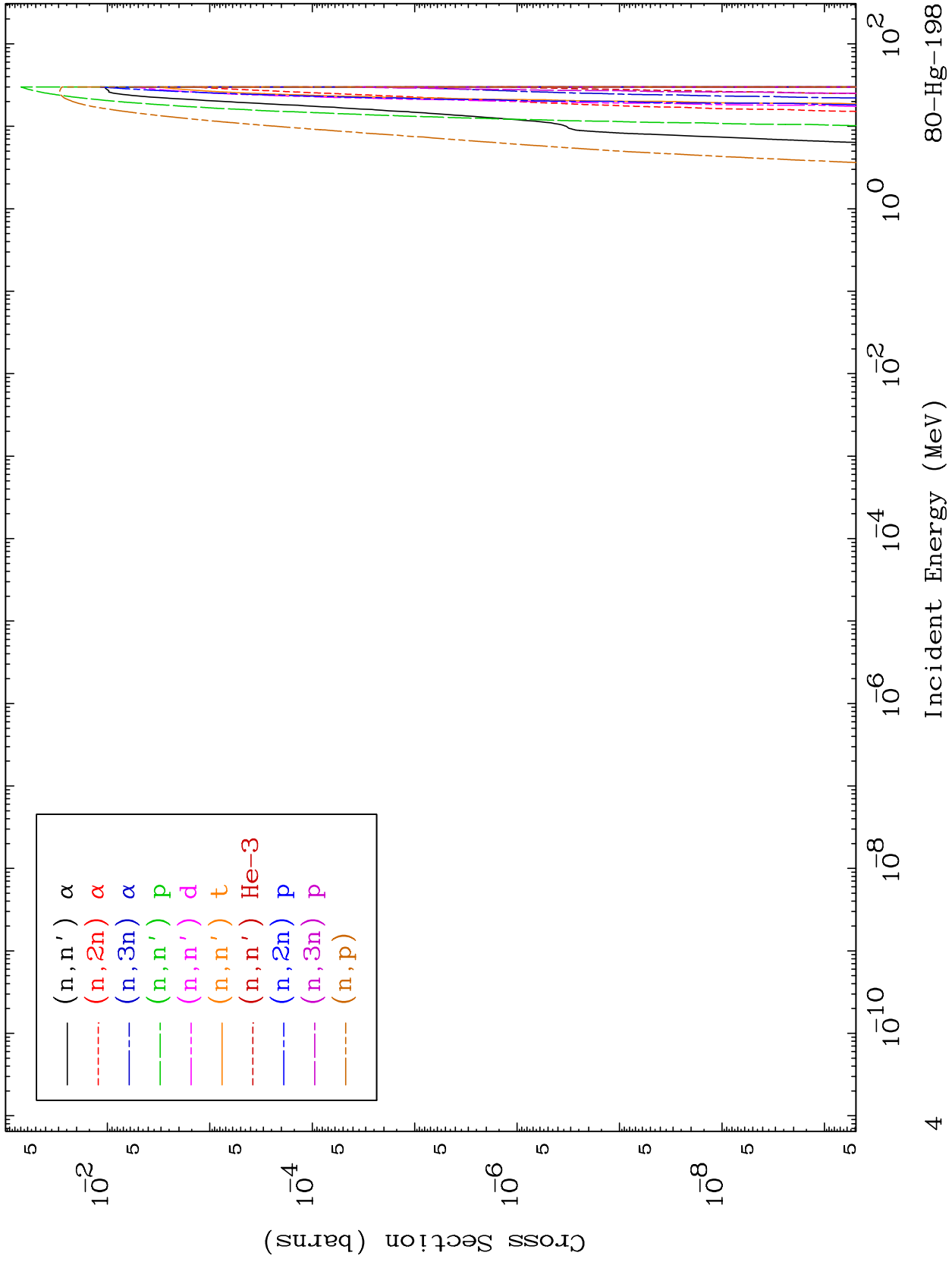




MAT 8031

Charged Particle
293 Kelvin Cross Sections

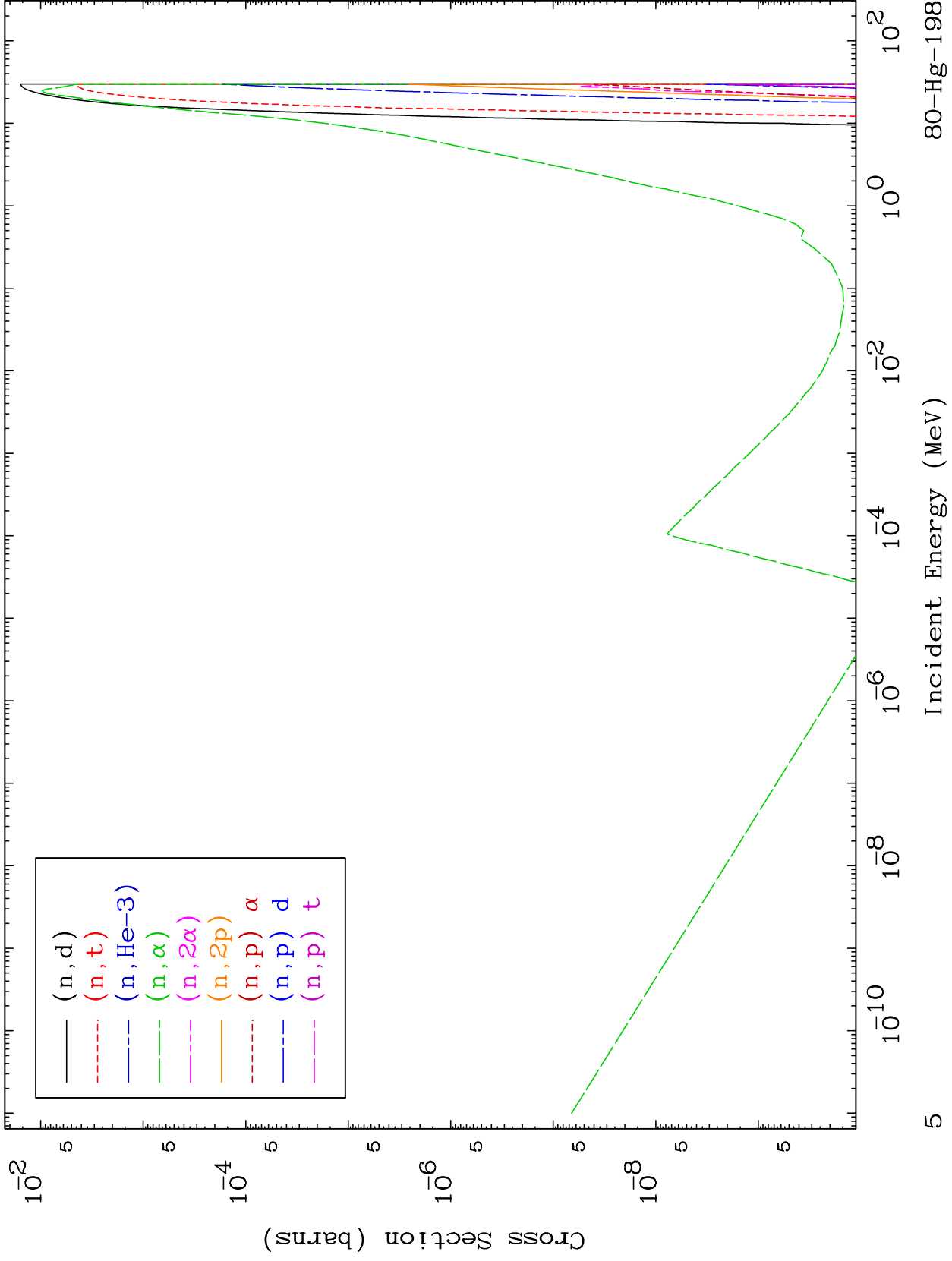
80-Hg-198

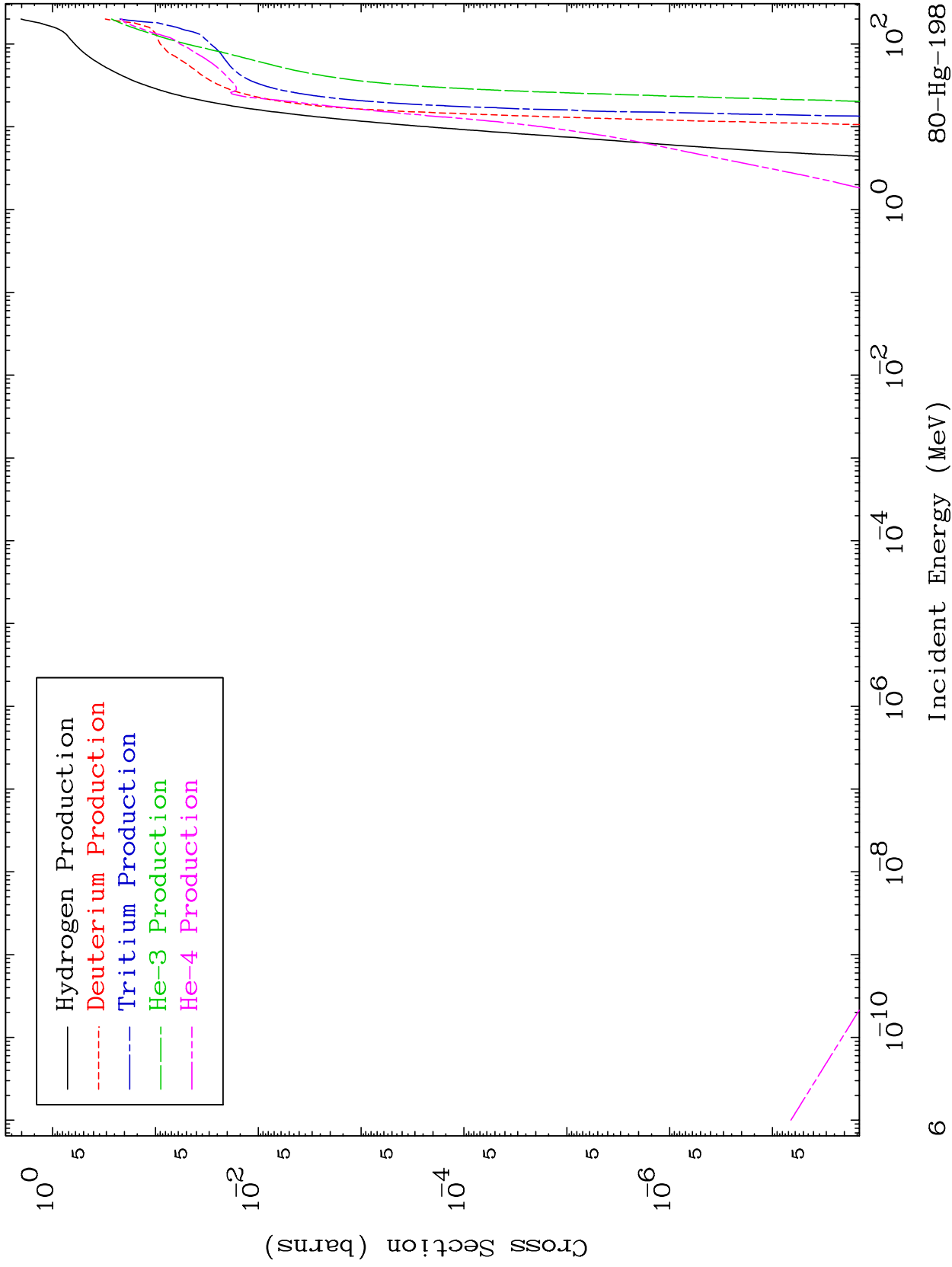


MAT 8031

Charged Particle
293 Kelvin Cross Sections

80-Hg-198



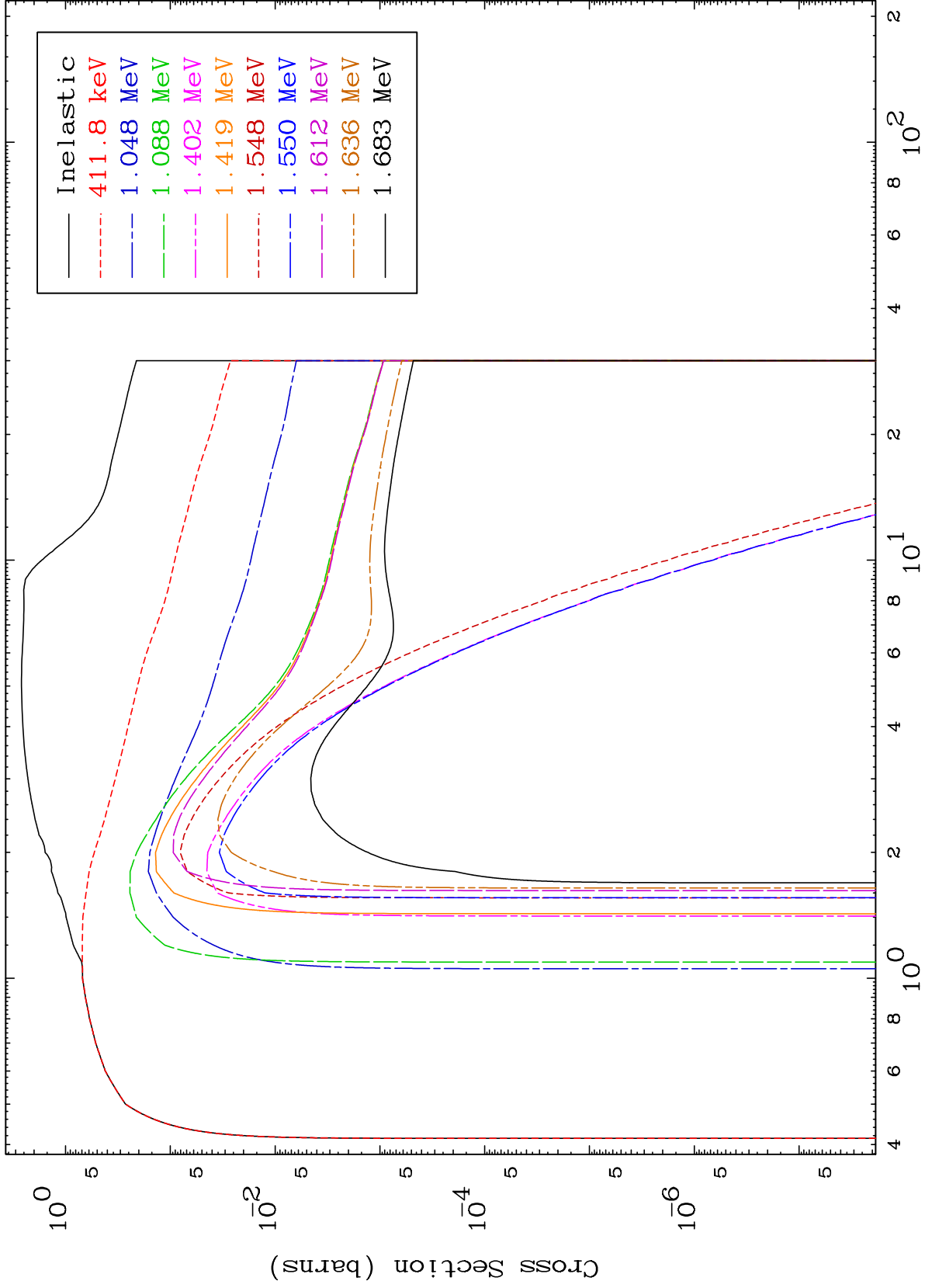


MAT 8031

(n,n') Level

80-Hg-198

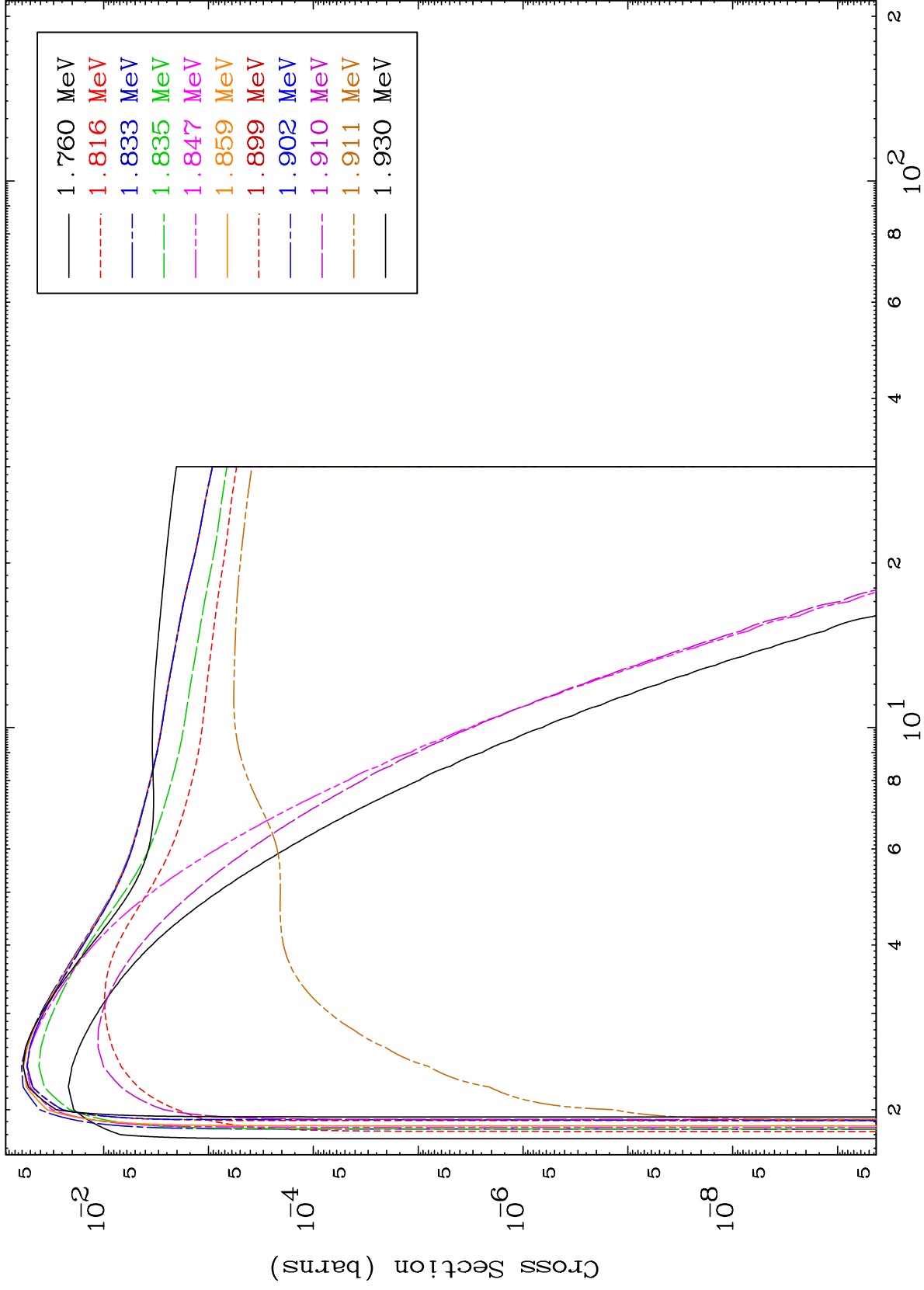
293 Kelvin Cross Sections



MAT 8031

(n,n') Level
293 Kelvin Cross Sections

80-Hg-198



8

Incident Energy (MeV)

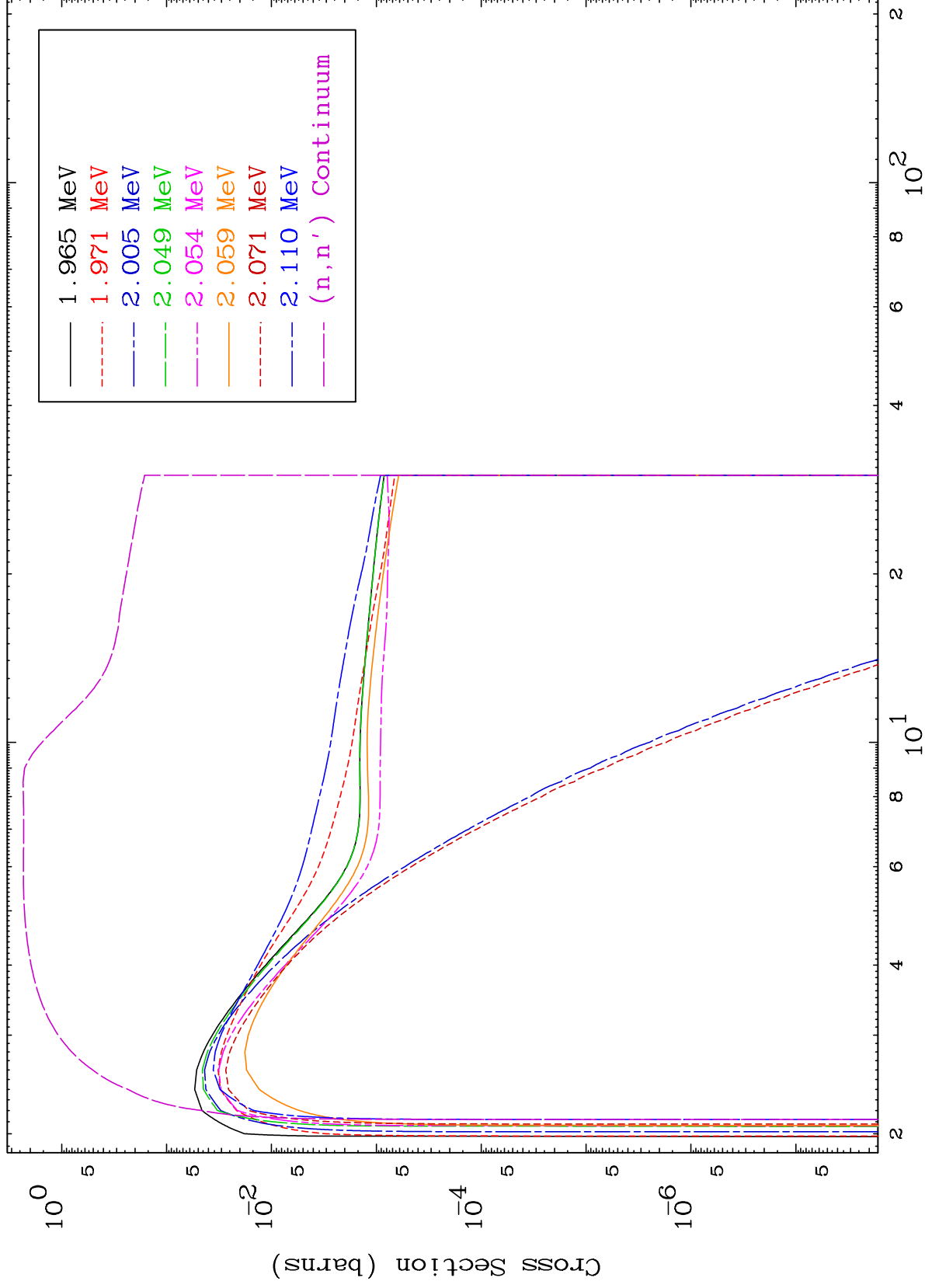
80-Hg-198

MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections



9

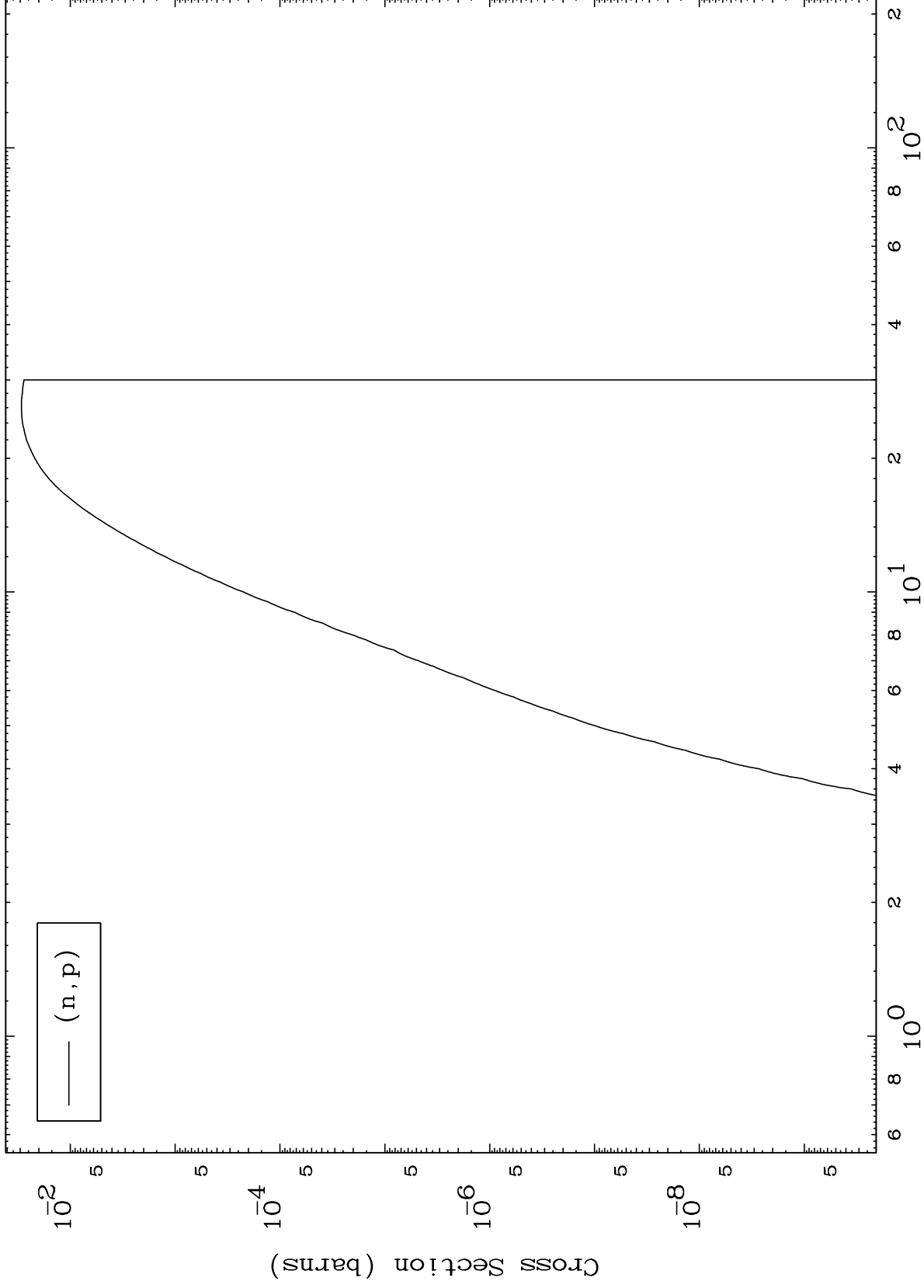
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-198



10

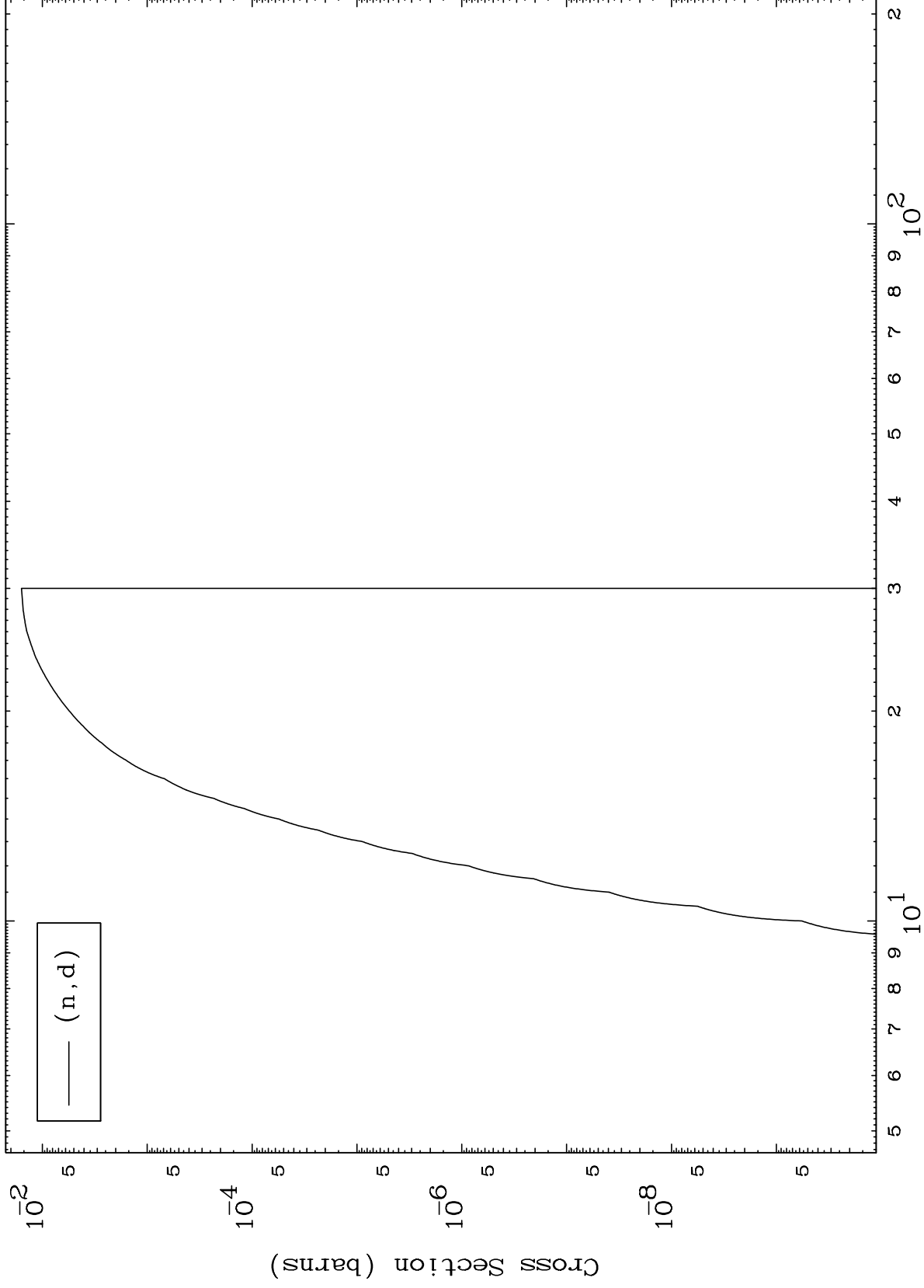
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-198



11

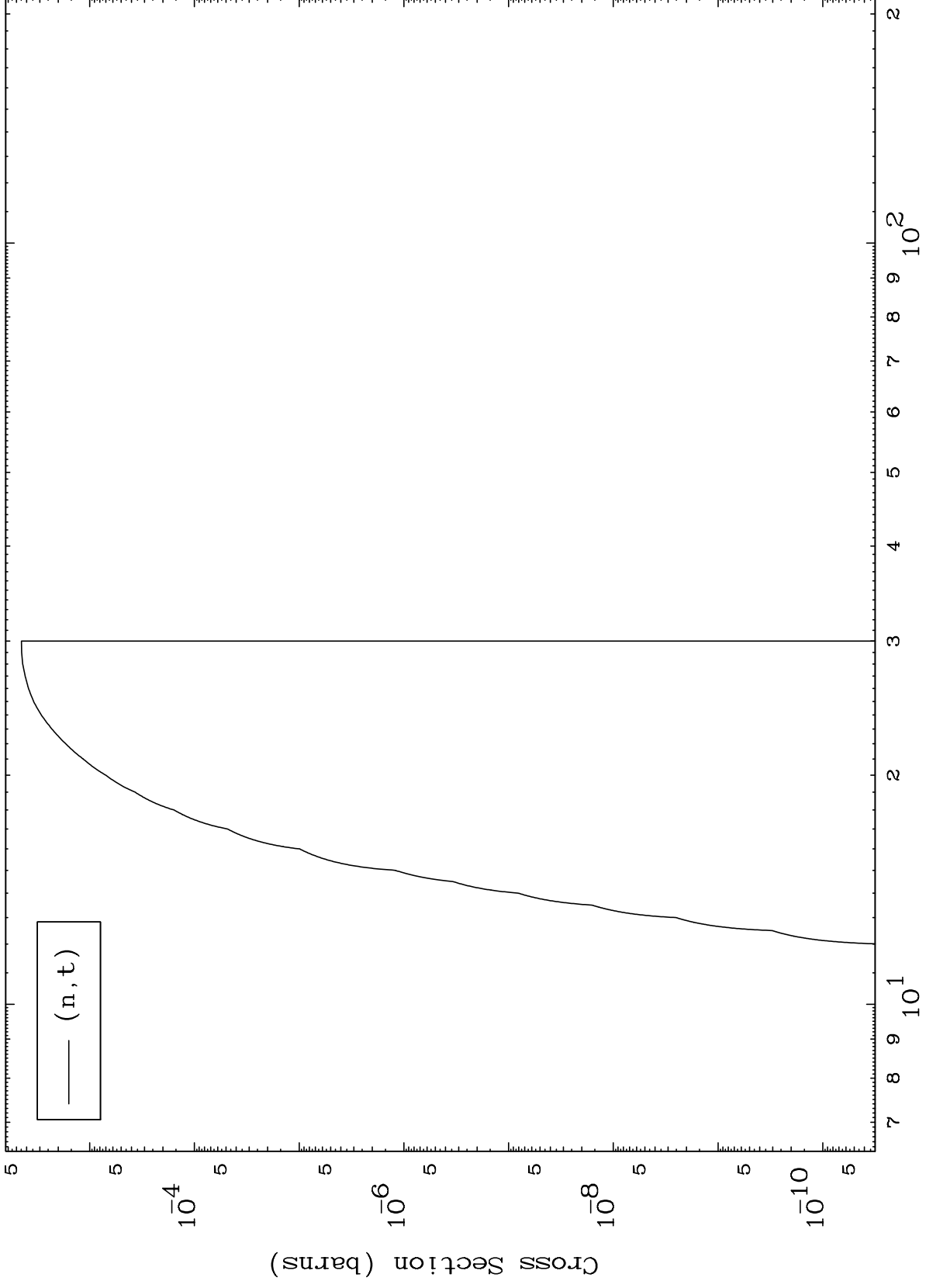
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-198



12

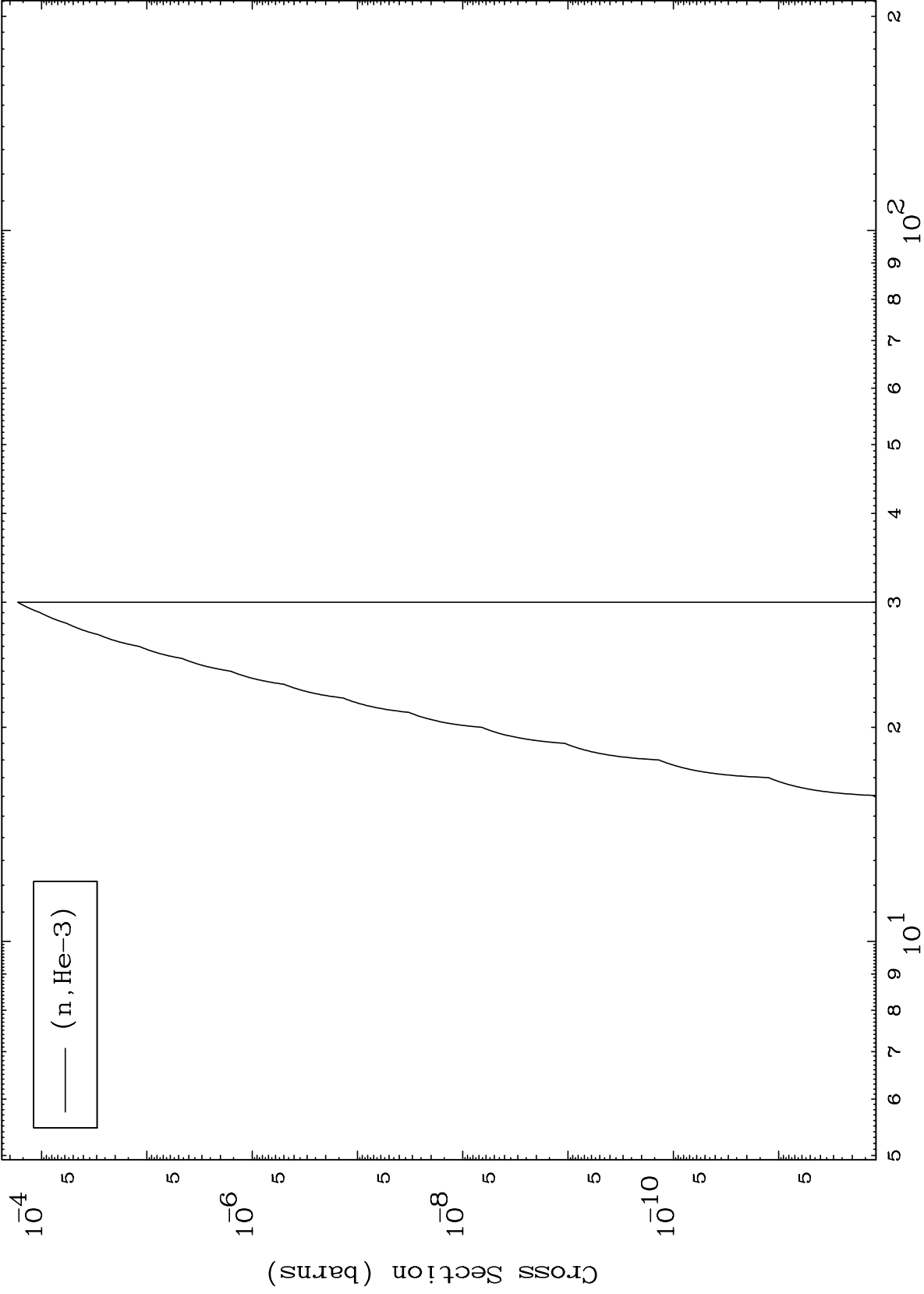
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,He3) Levels
293 Kelvin Cross Sections

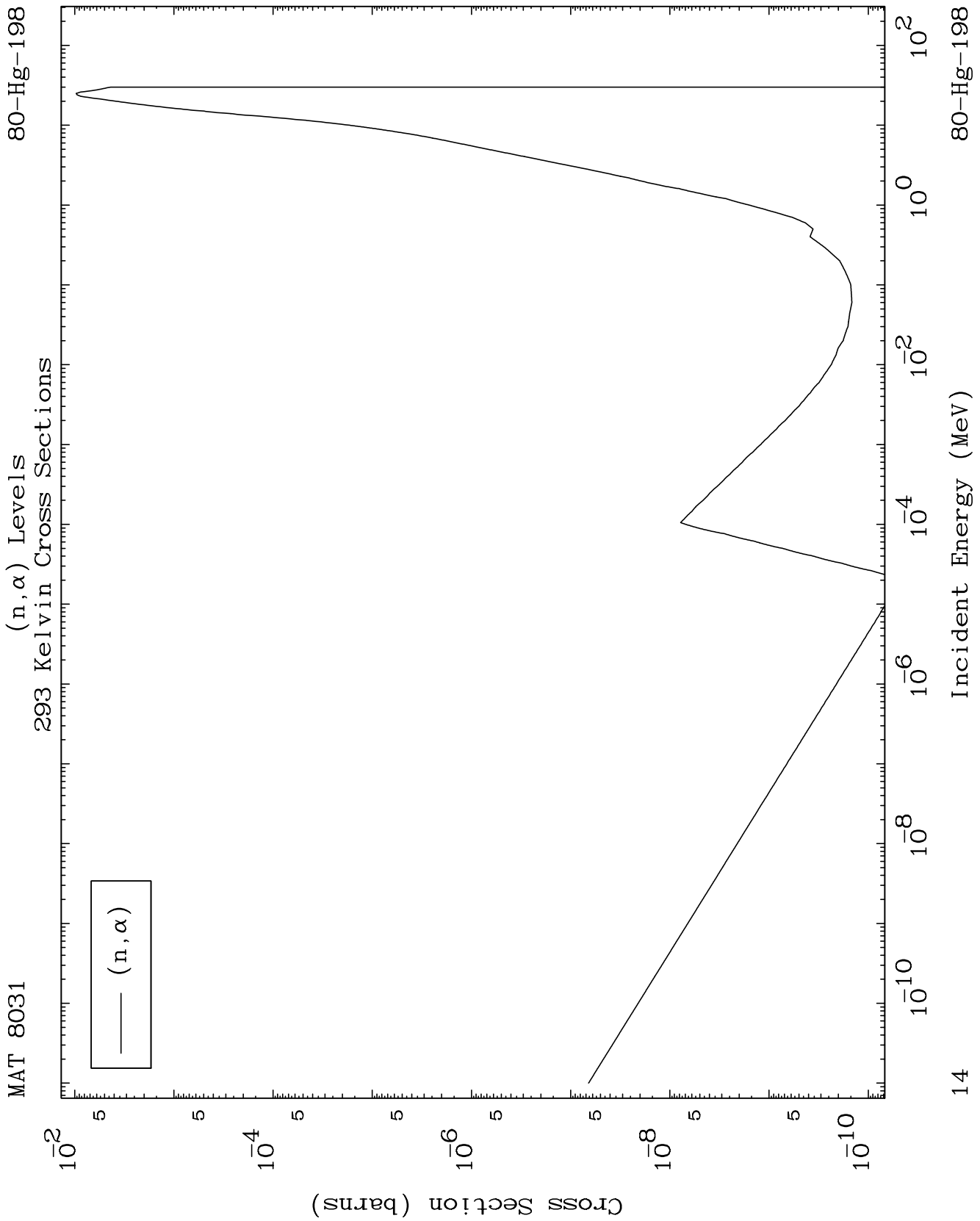
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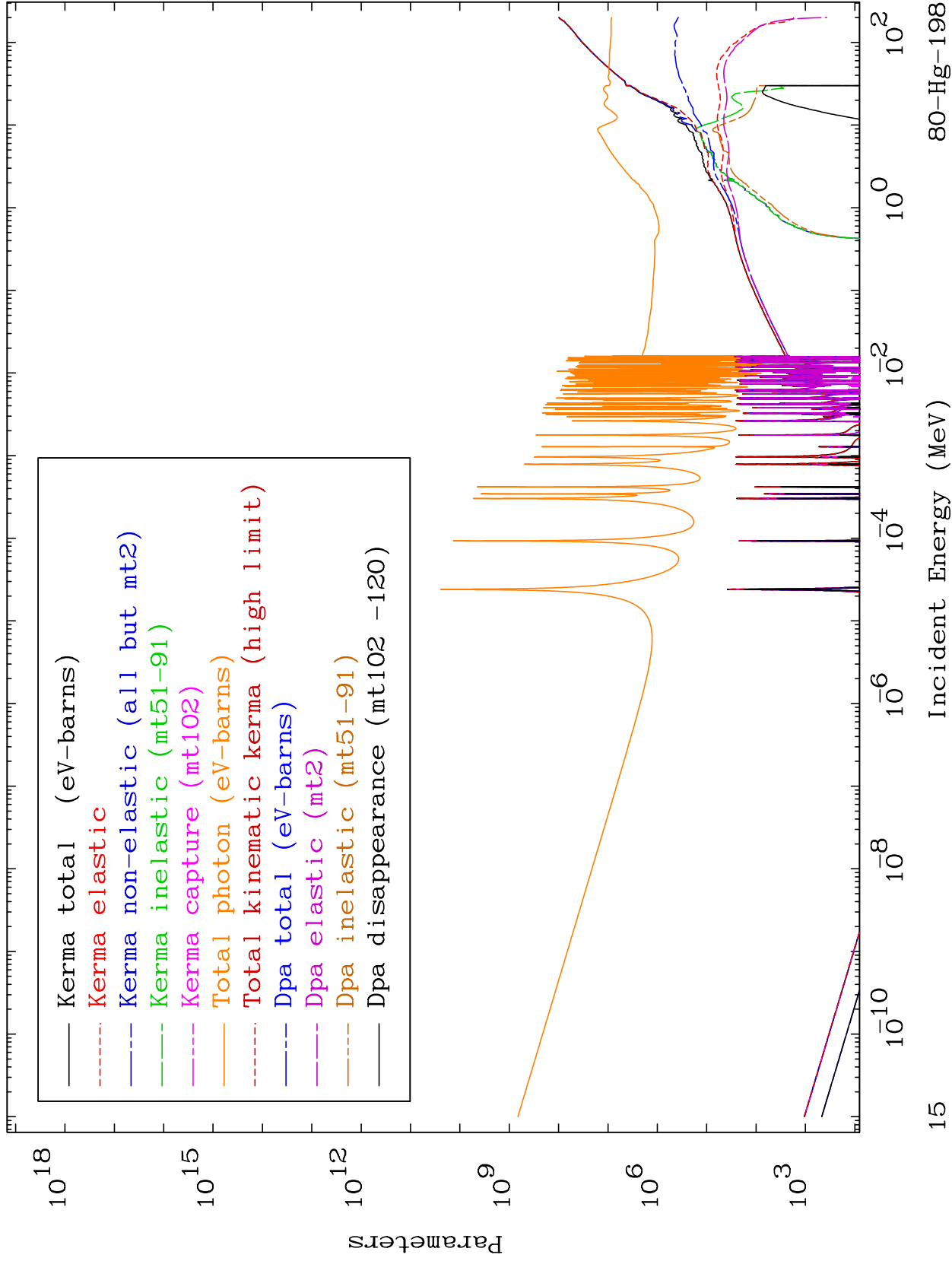


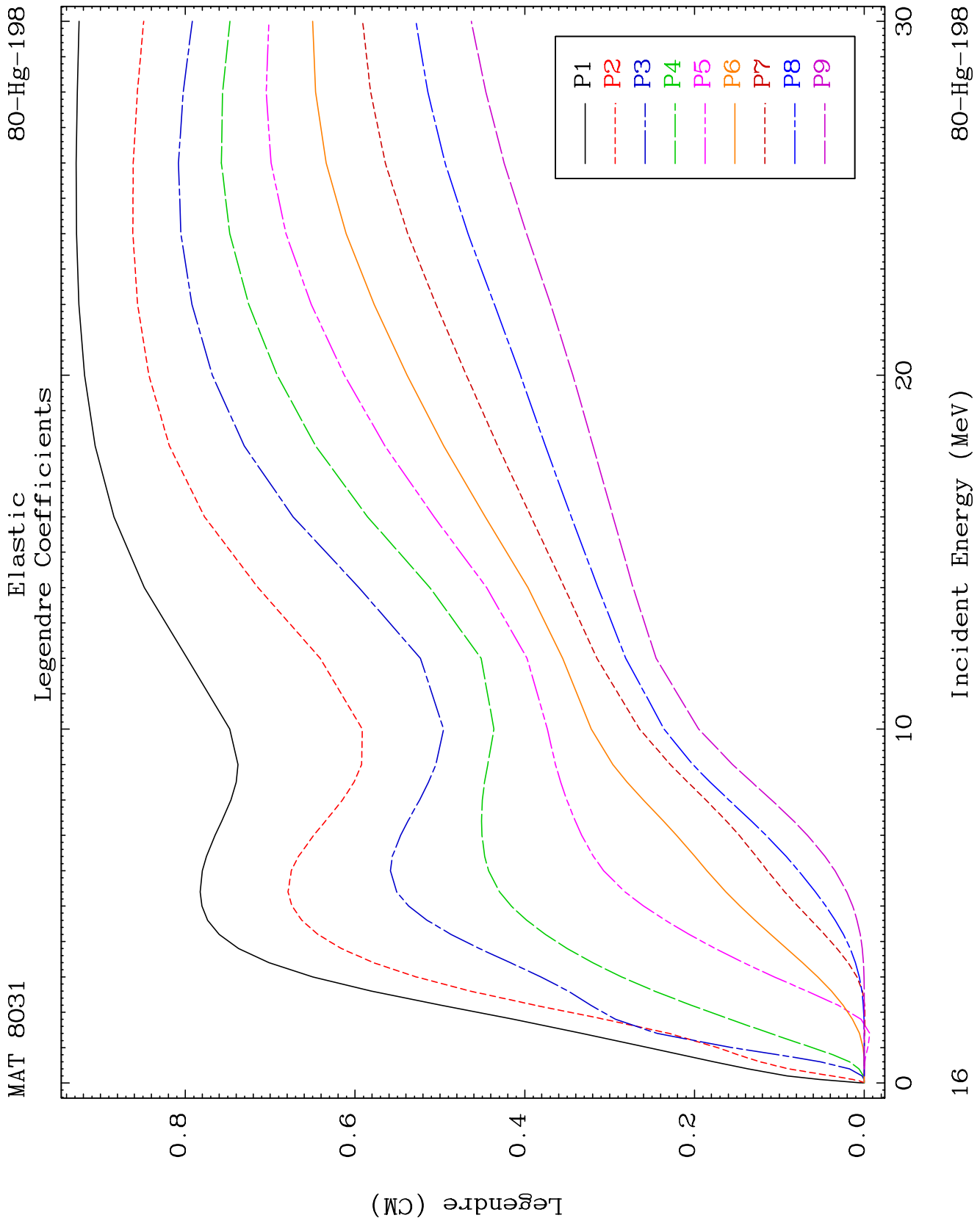
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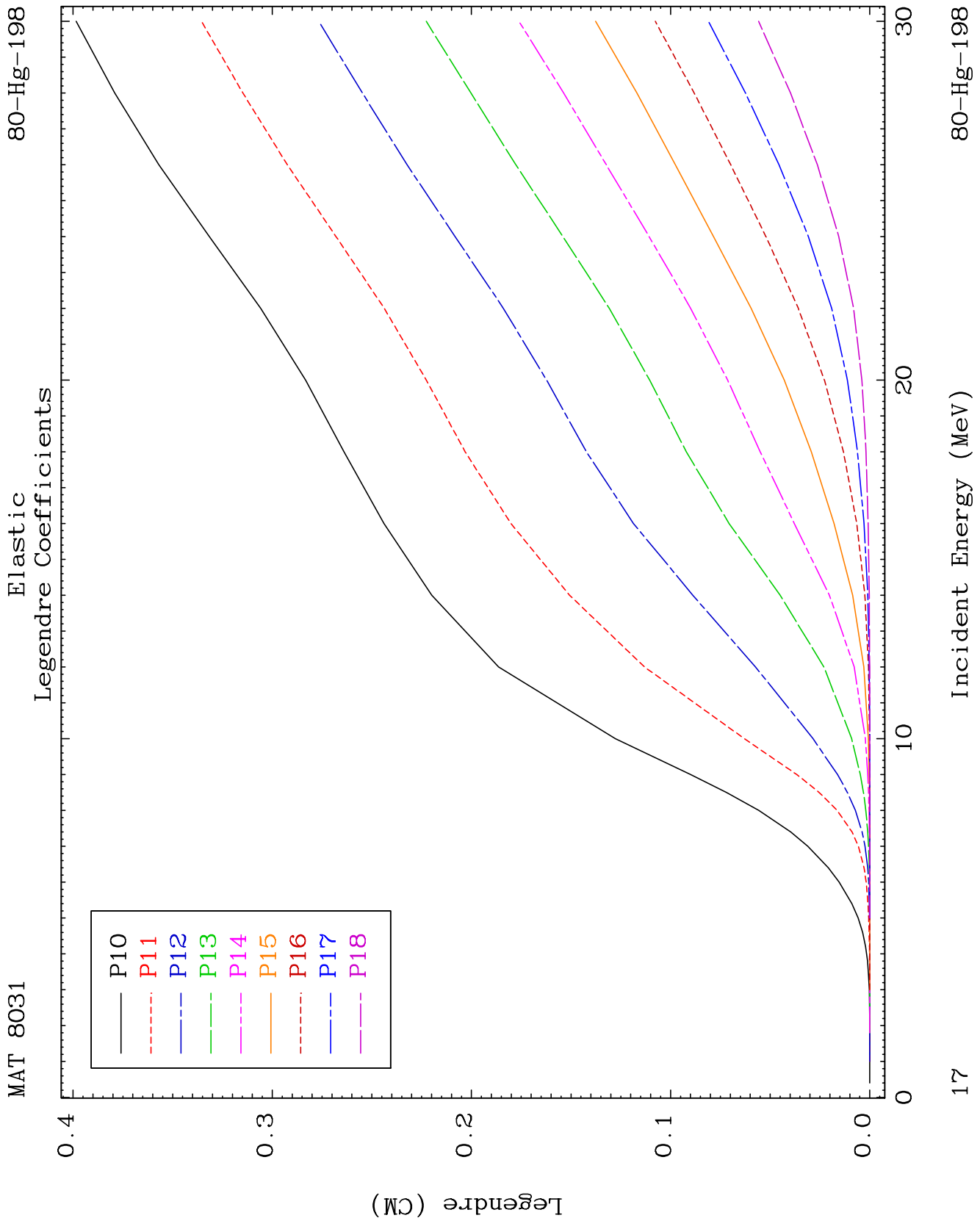
Incident Energy (MeV)

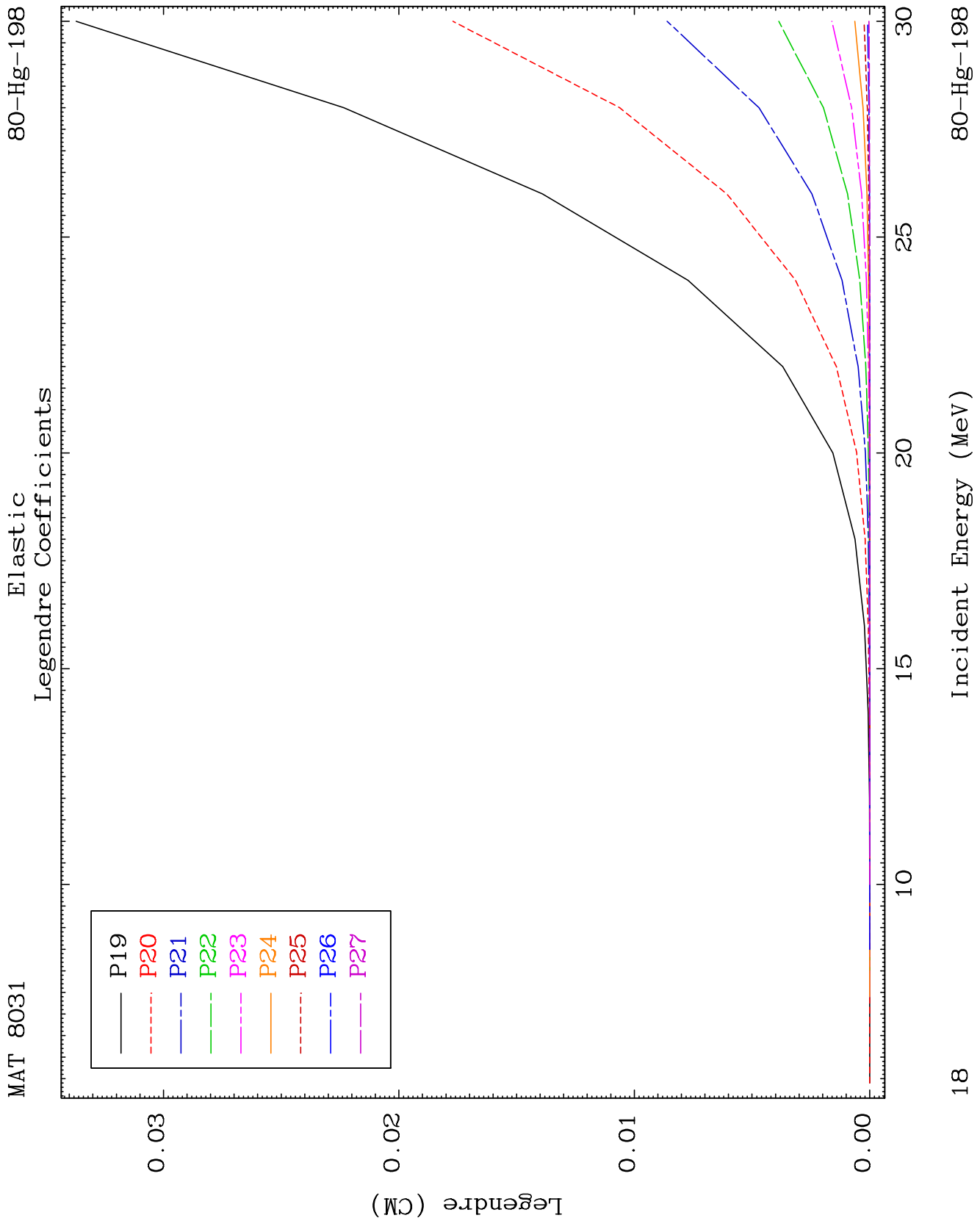
80-Hg-198







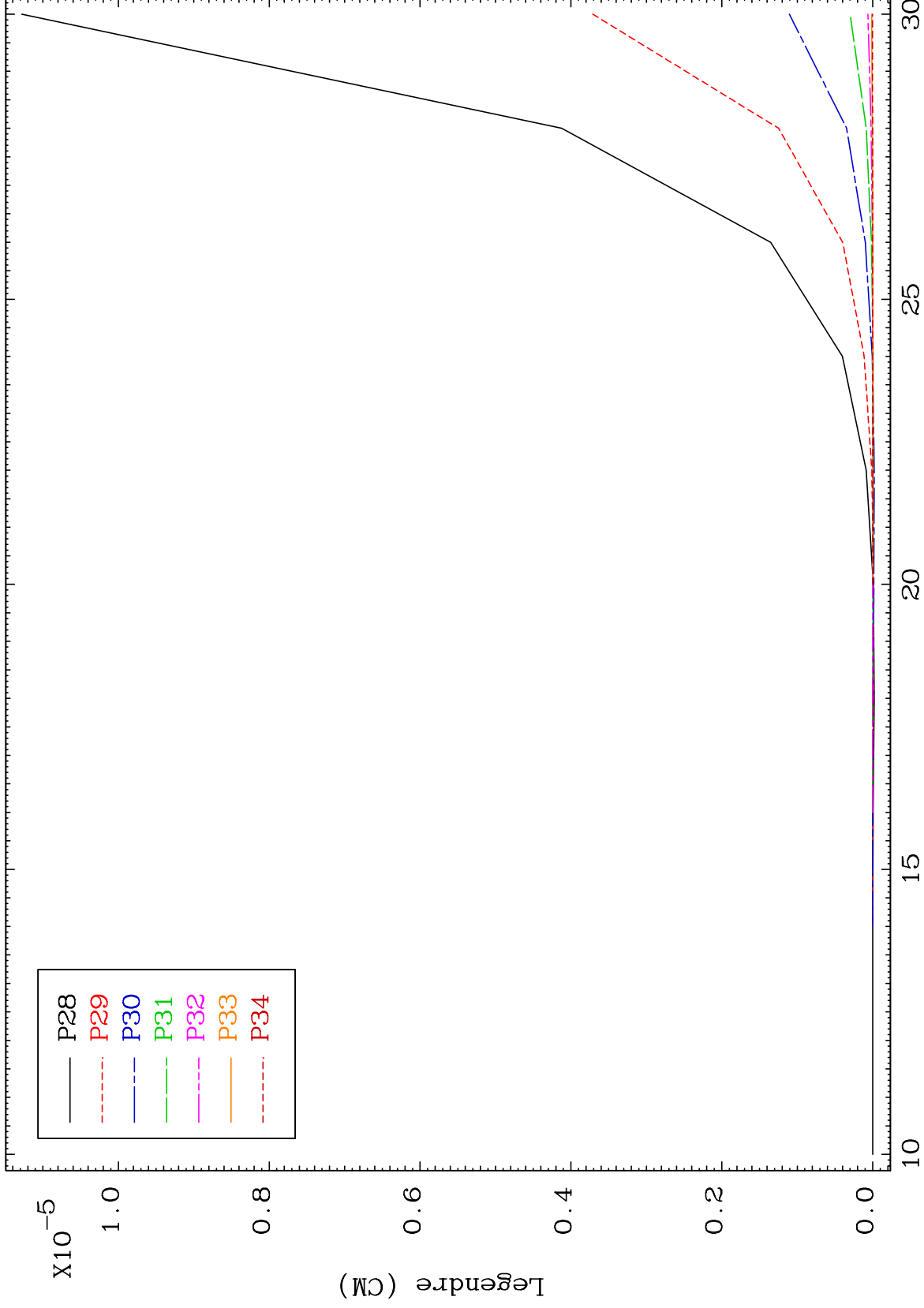




MAT 8031

Elastic
Legendre Coefficients

80-Hg-198



80-Hg-198

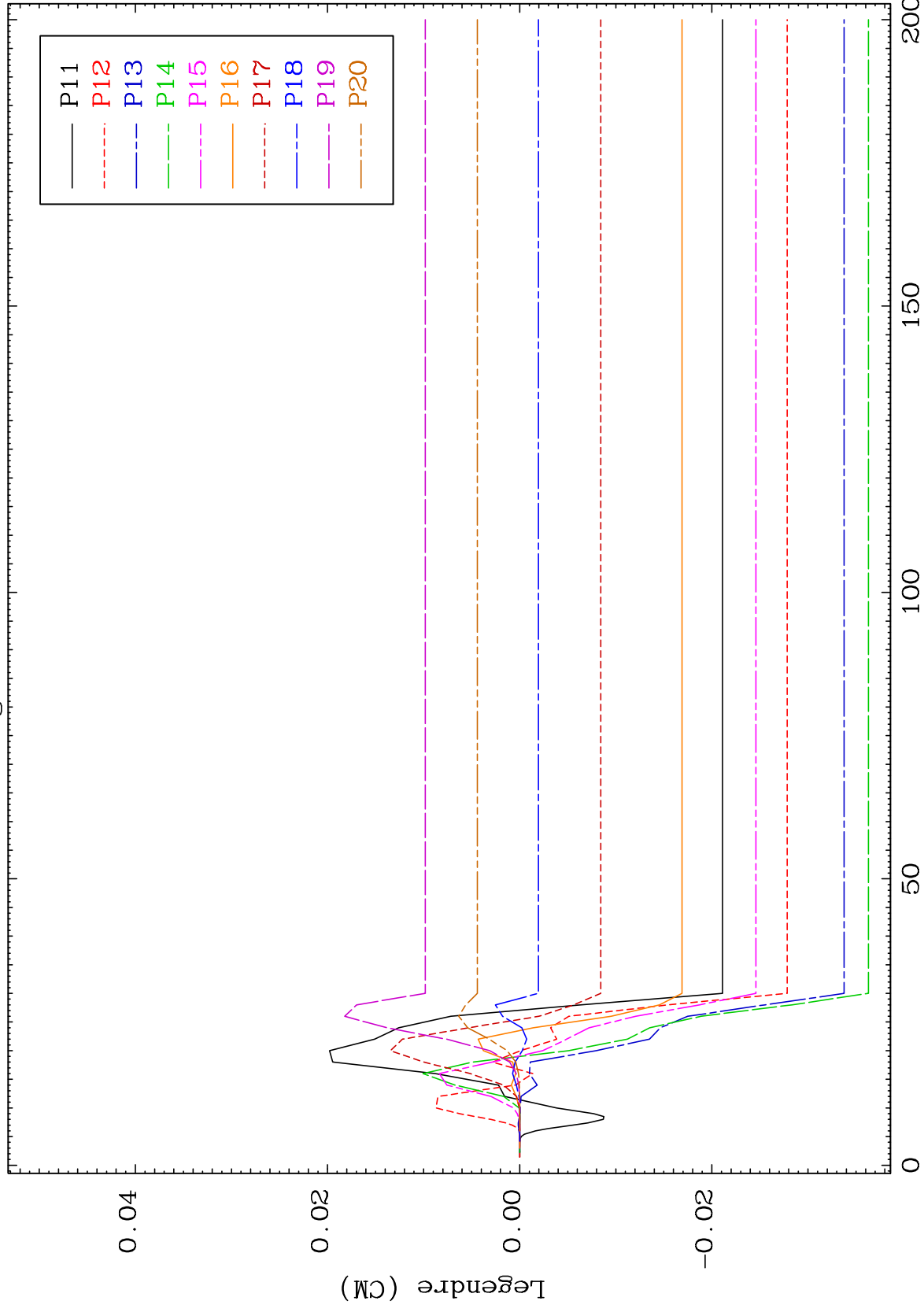
Incident Energy (MeV)

19

MAT 8031

411.8 keV (n,n') Level
Legendre Coefficients

80-Hg-198



21

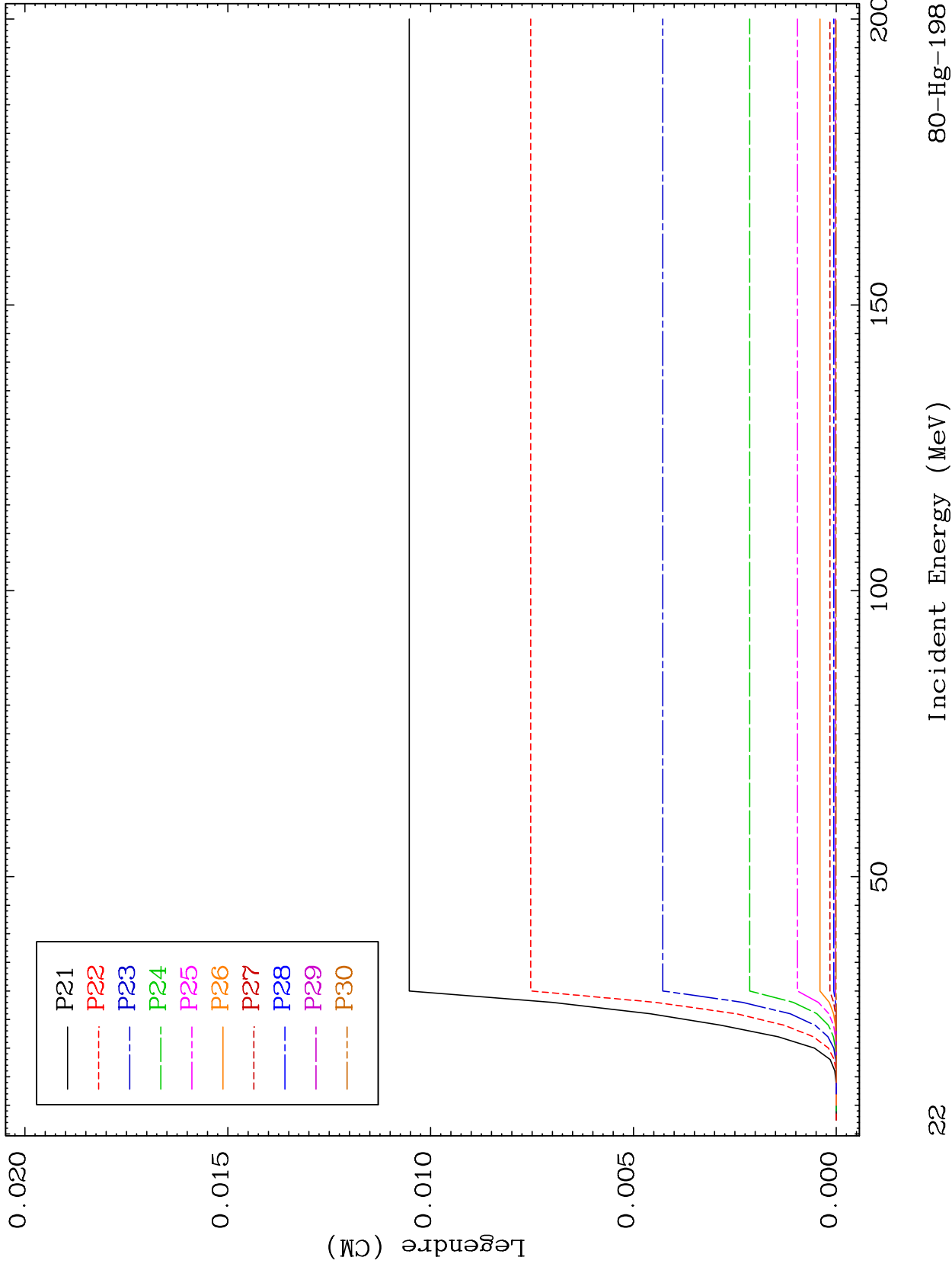
Incident Energy (MeV)

80-Hg-198

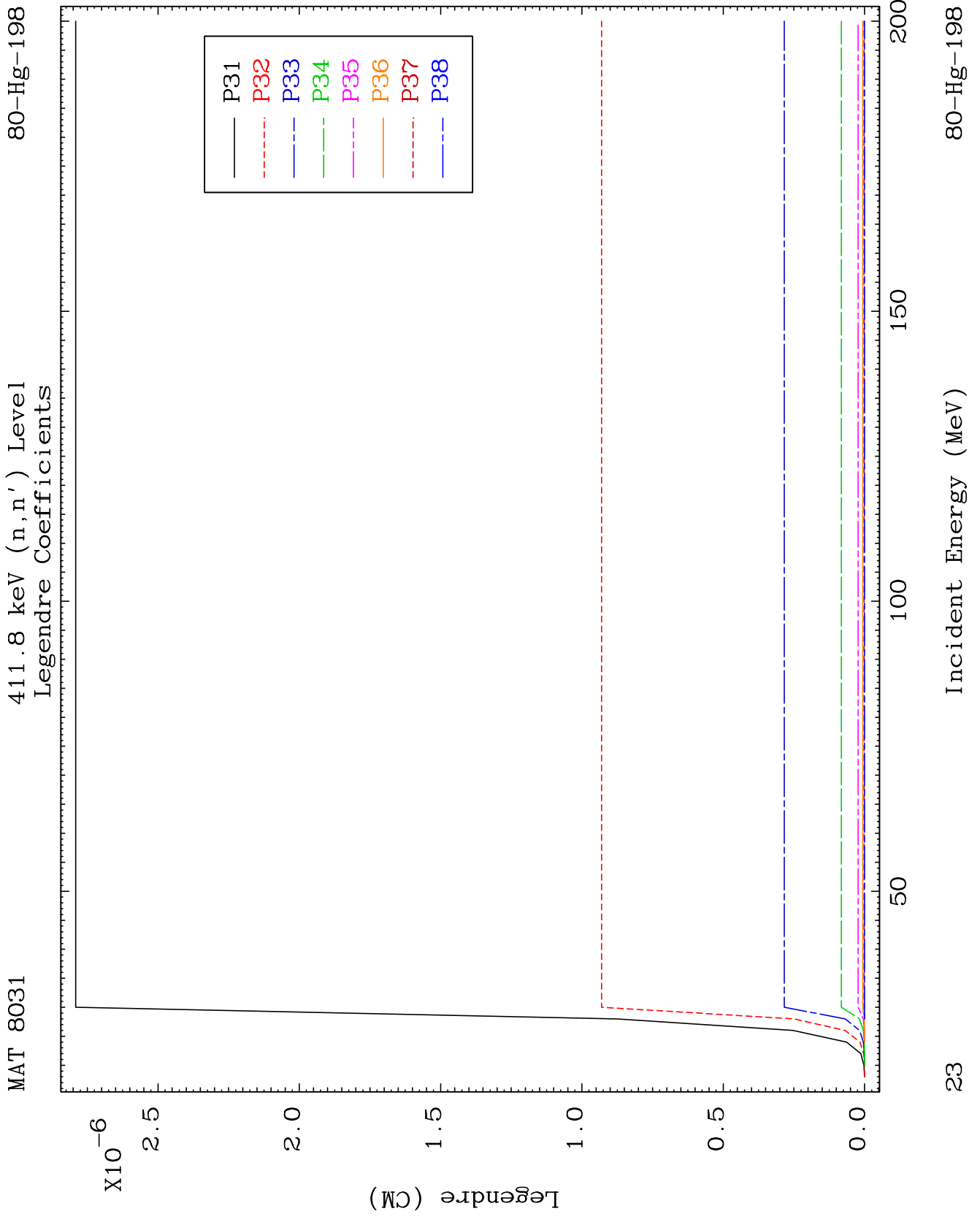
MAT 8031

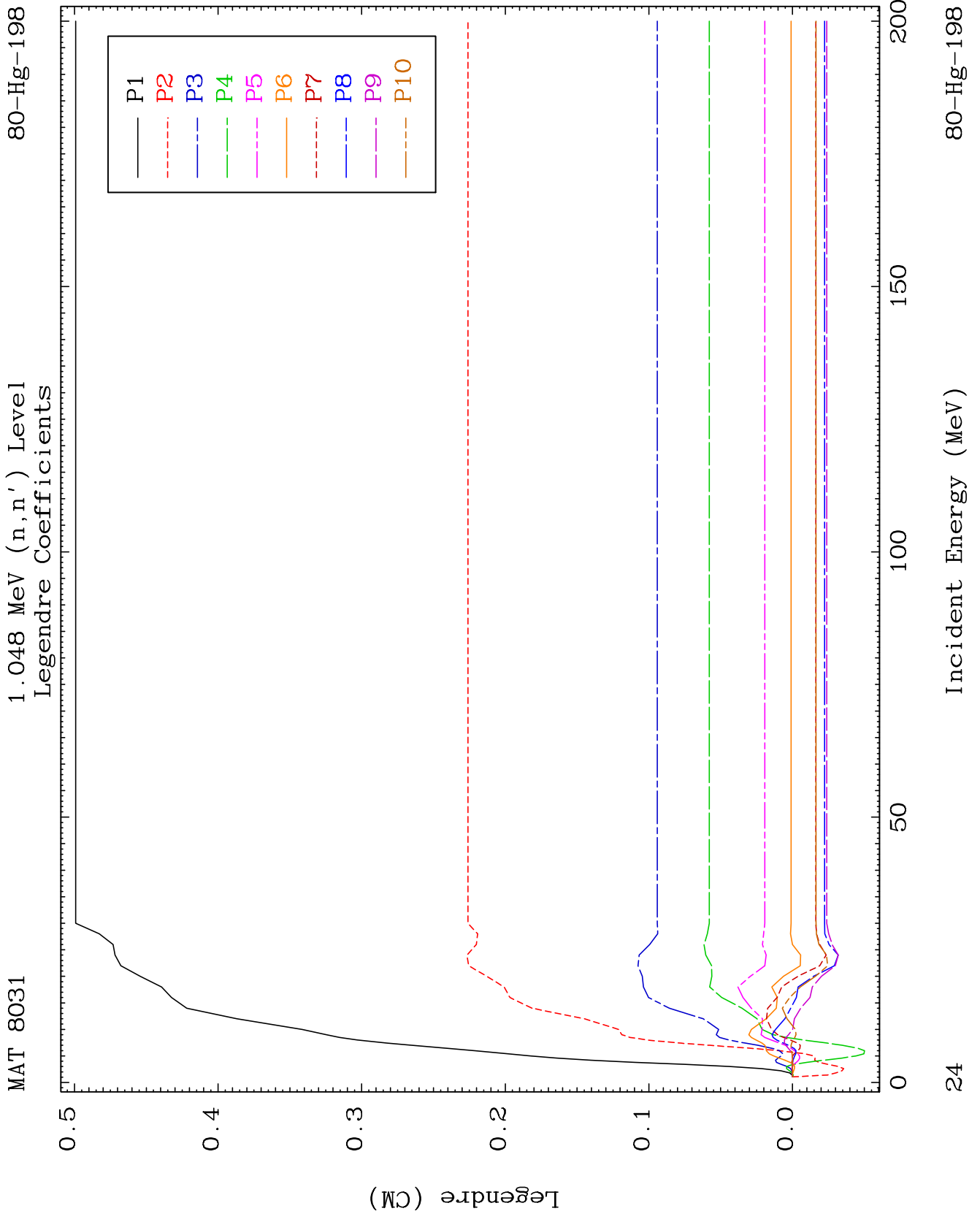
411.8 keV (n,n') Level
Legendre Coefficients

80-Hg-198



22

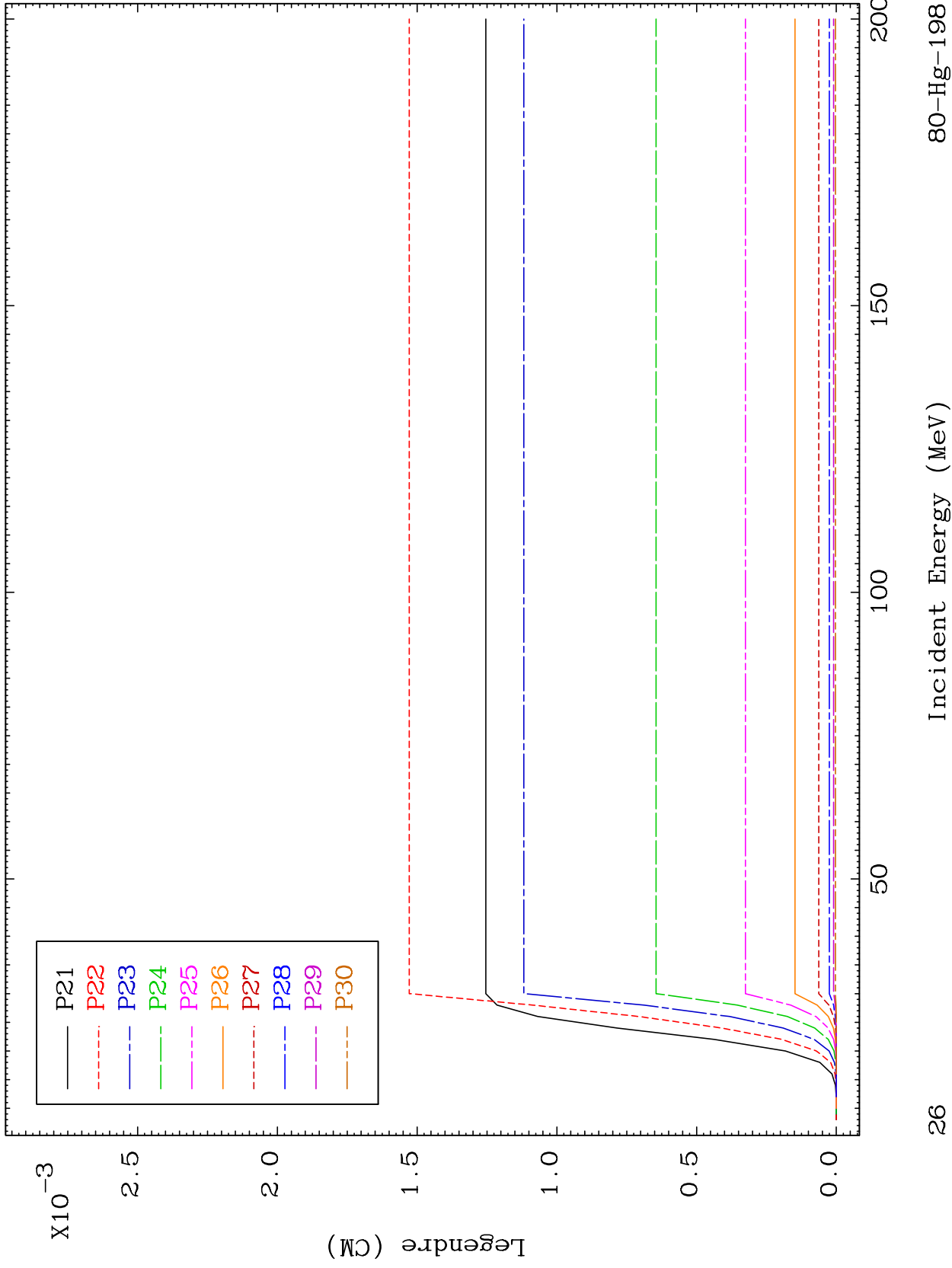




MAT 8031

1.048 MeV (n,n') Level
Legendre Coefficients

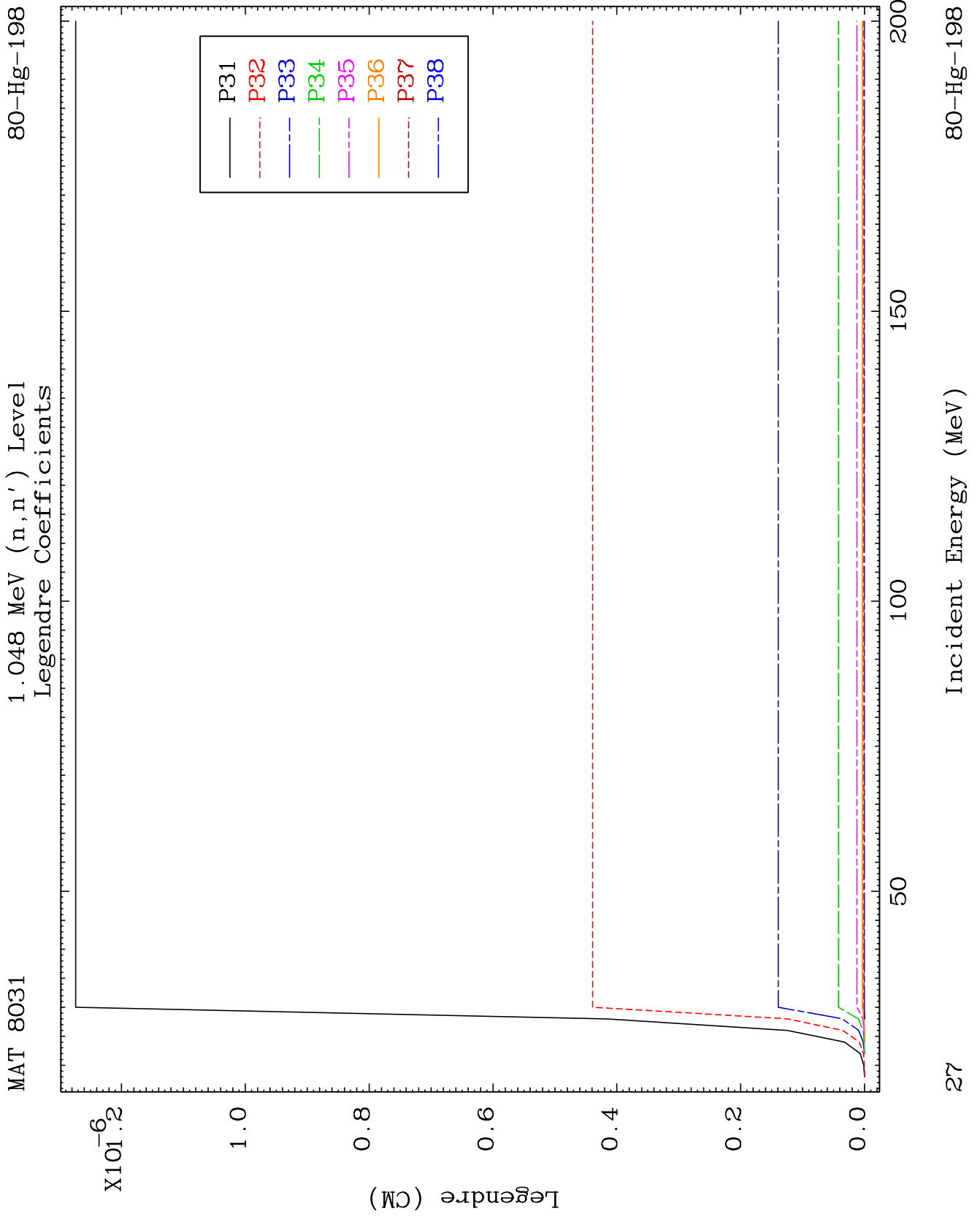
80-Hg-198



26

Incident Energy (MeV)

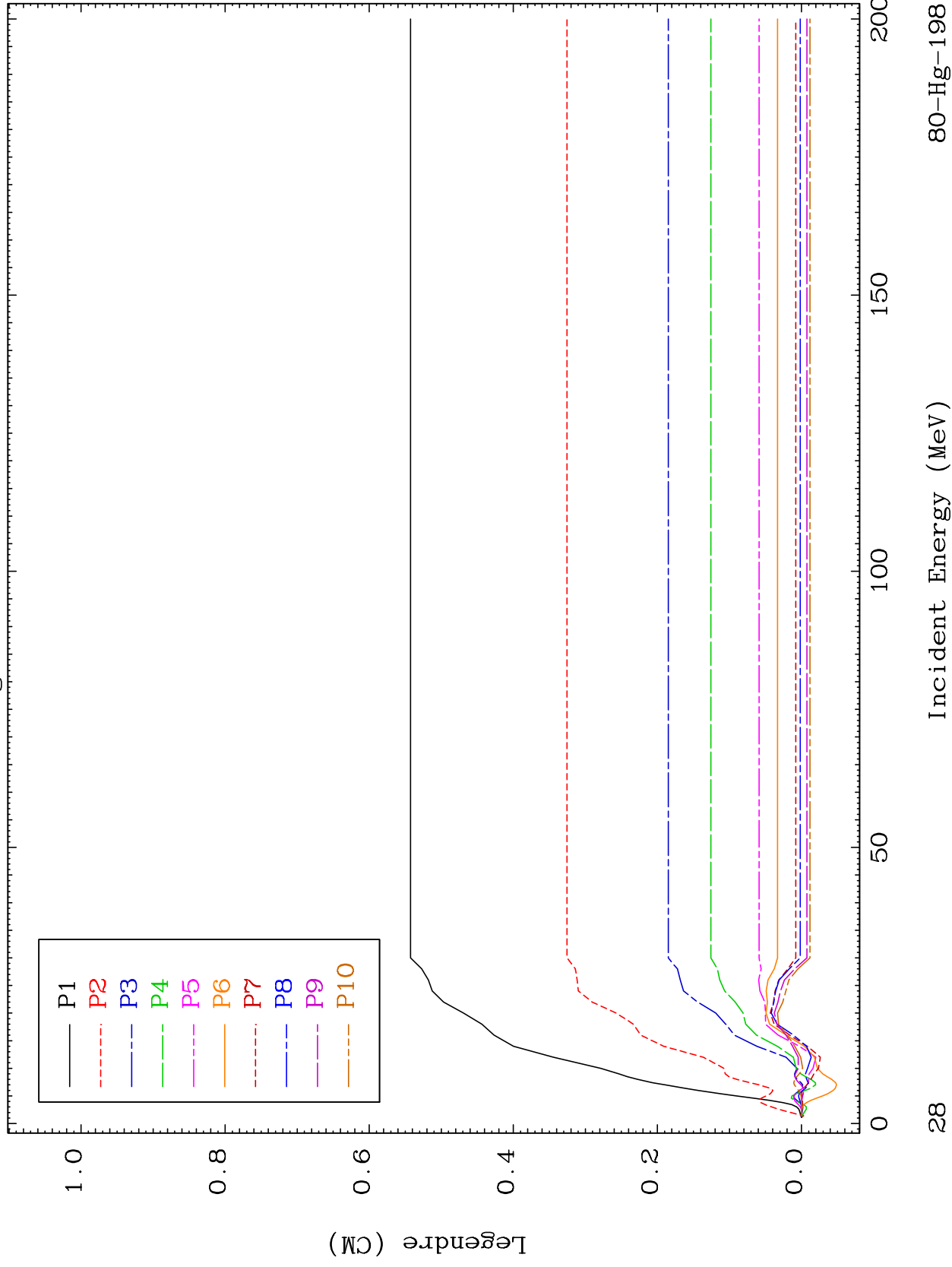
80-Hg-198



MAT 8031

1.088 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



28

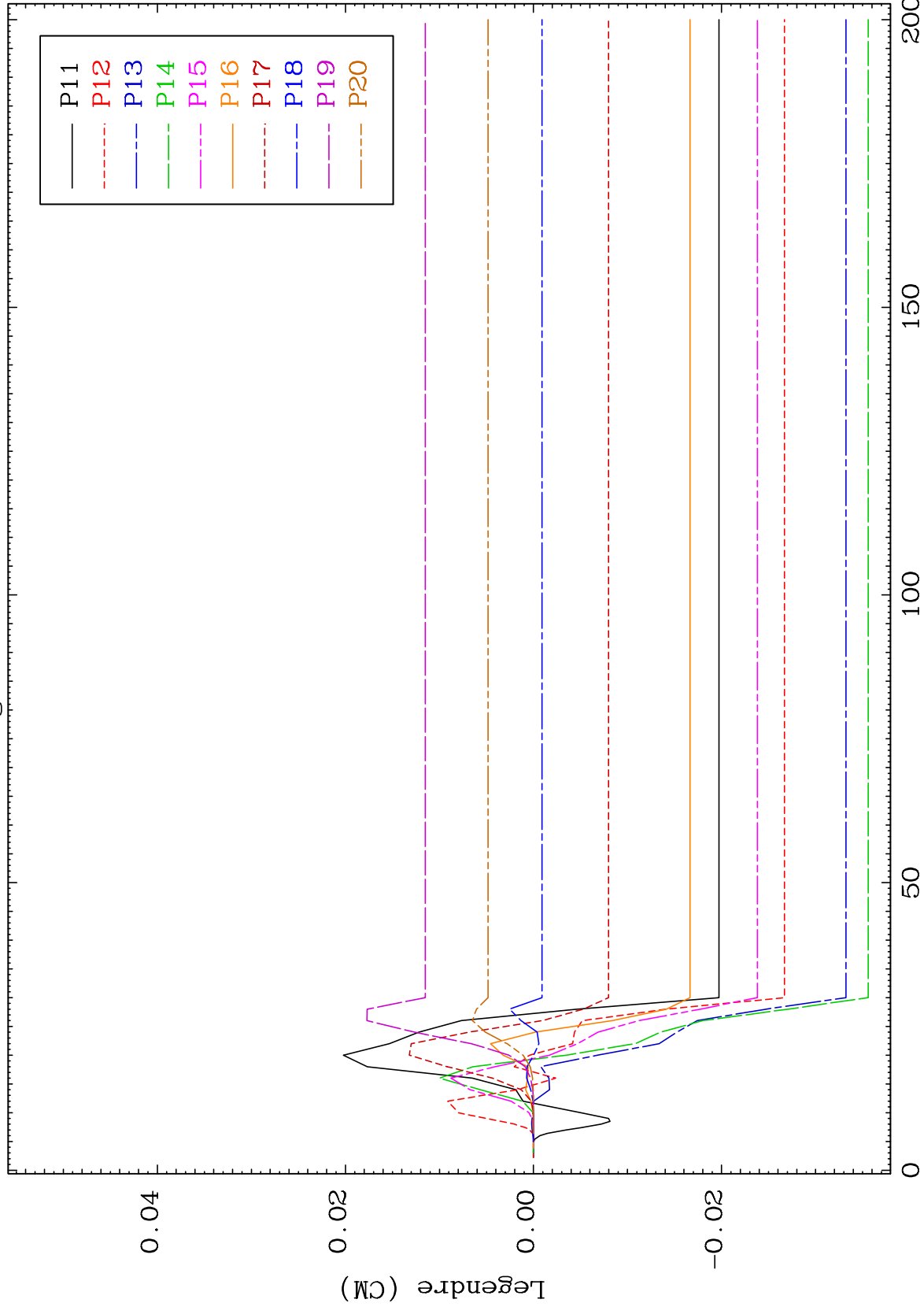
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.088 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



29

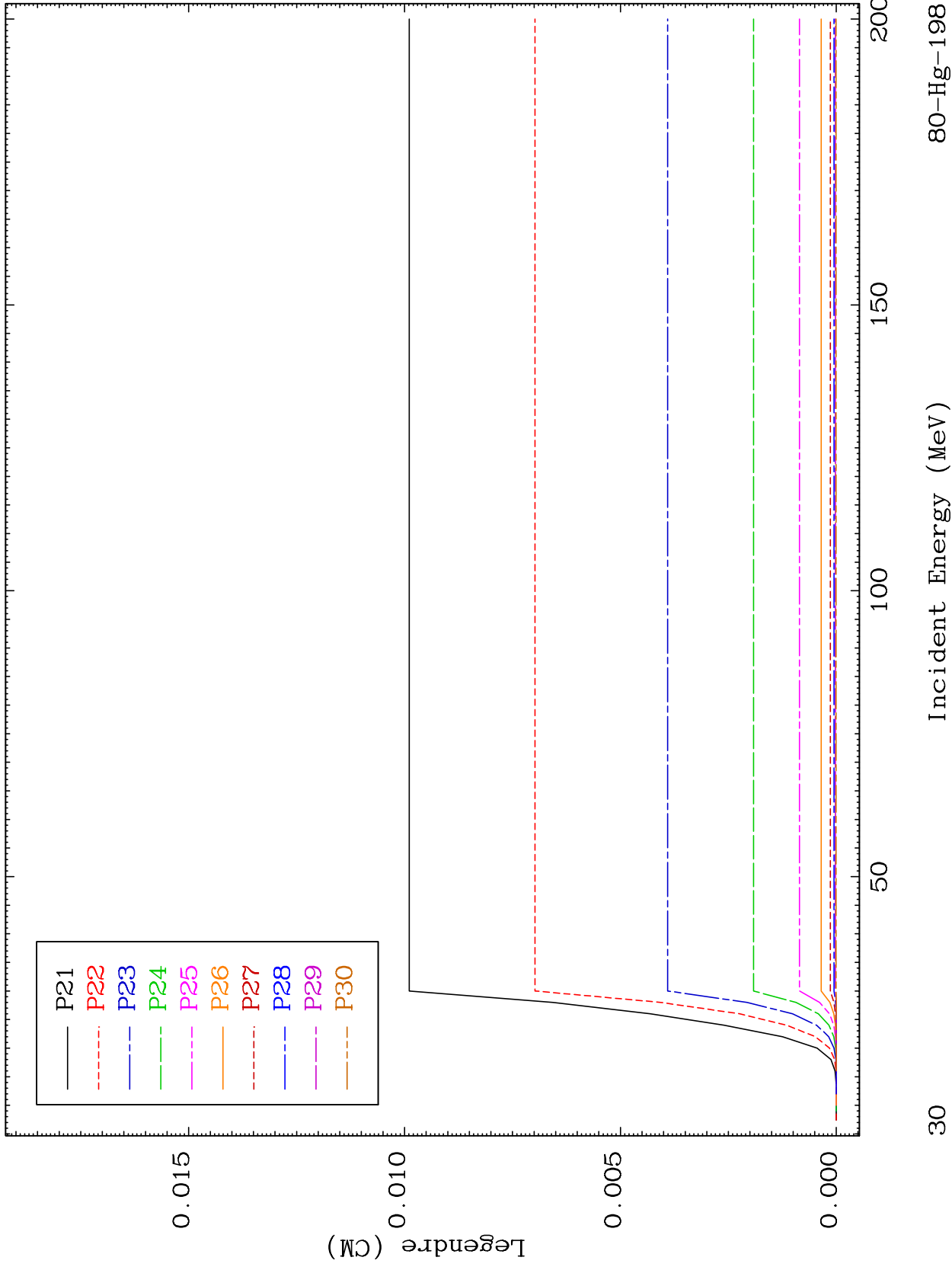
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.088 MeV (n,n') Level
Legendre Coefficients

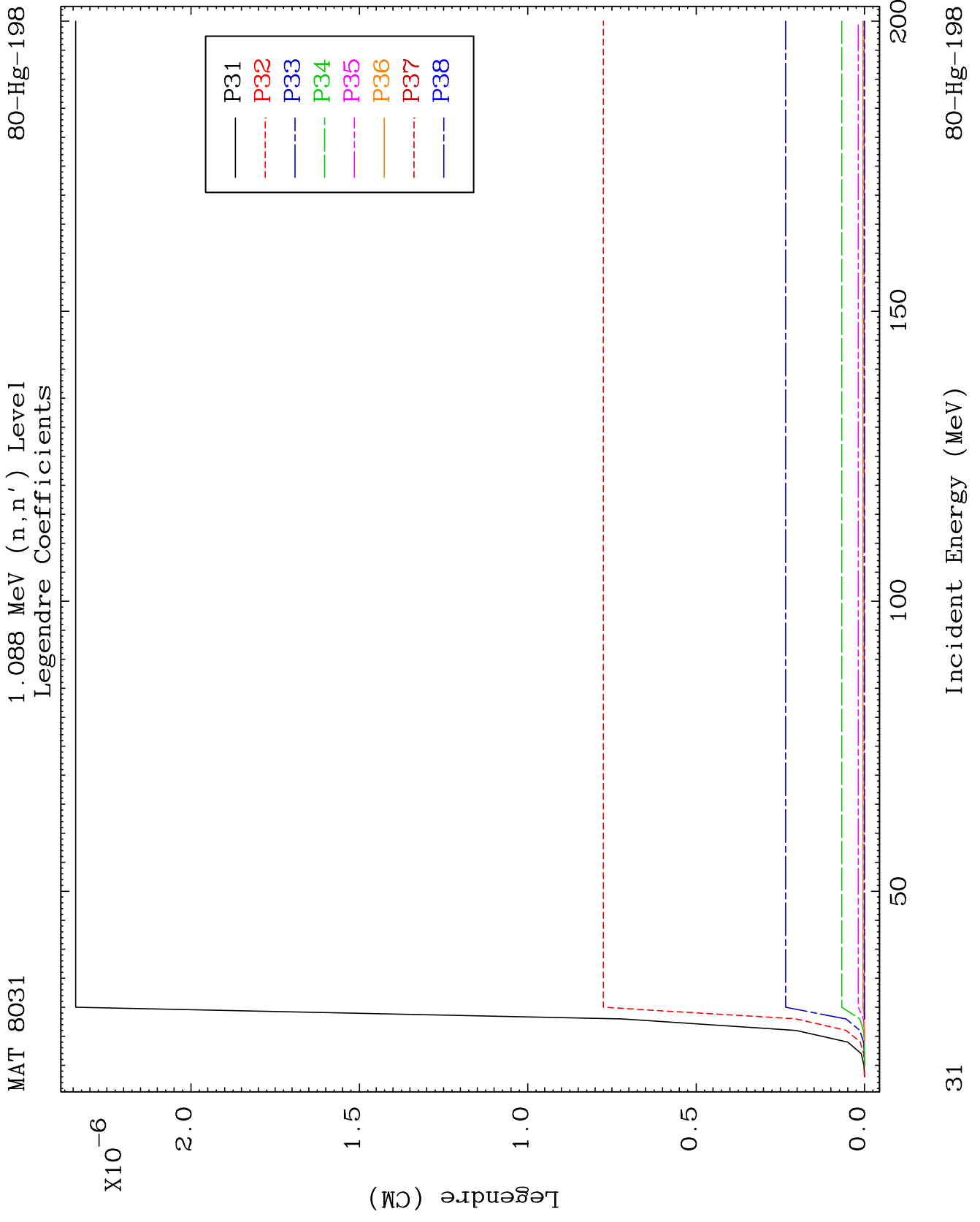
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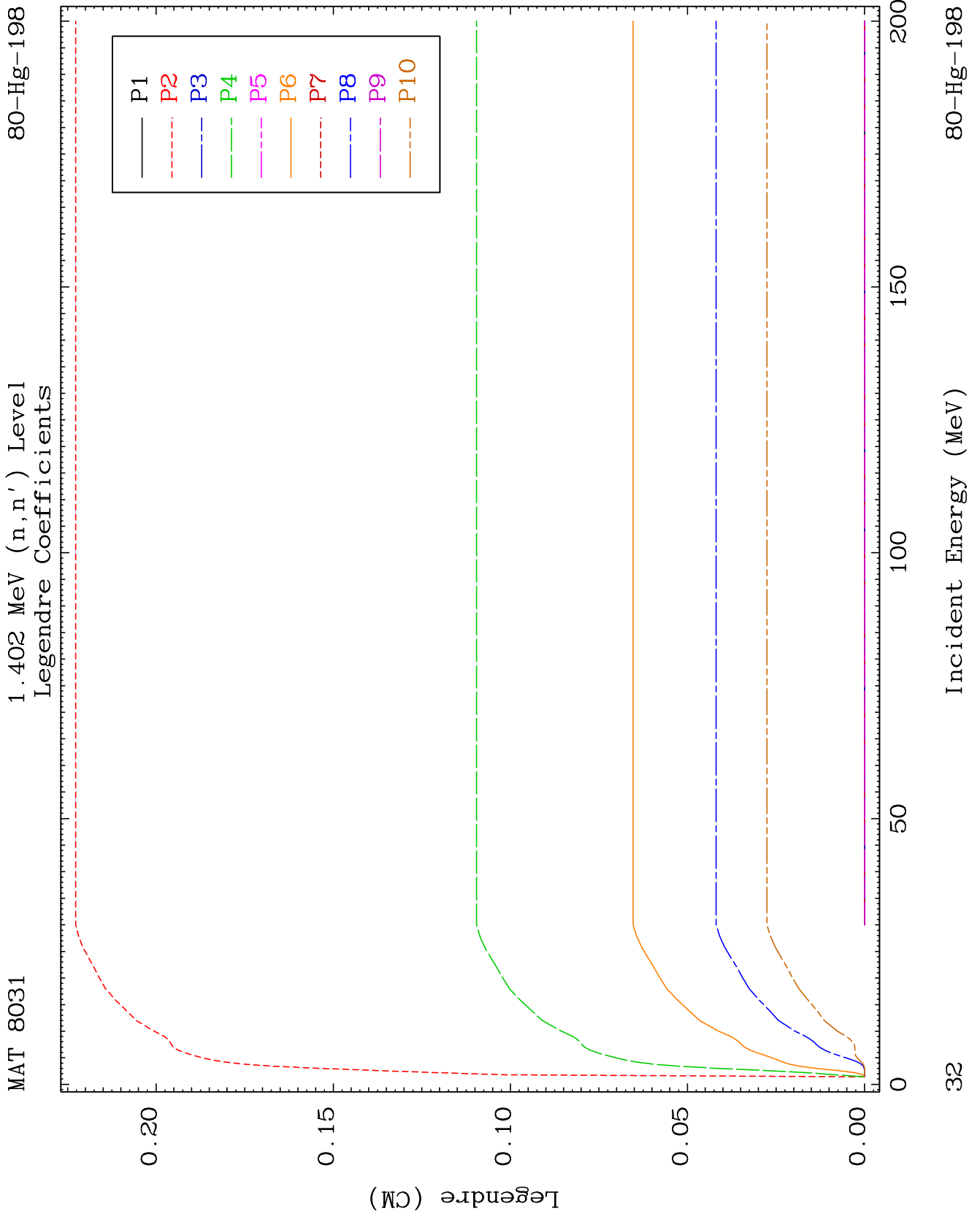


80-Hg-198

Incident Energy (MeV)

30

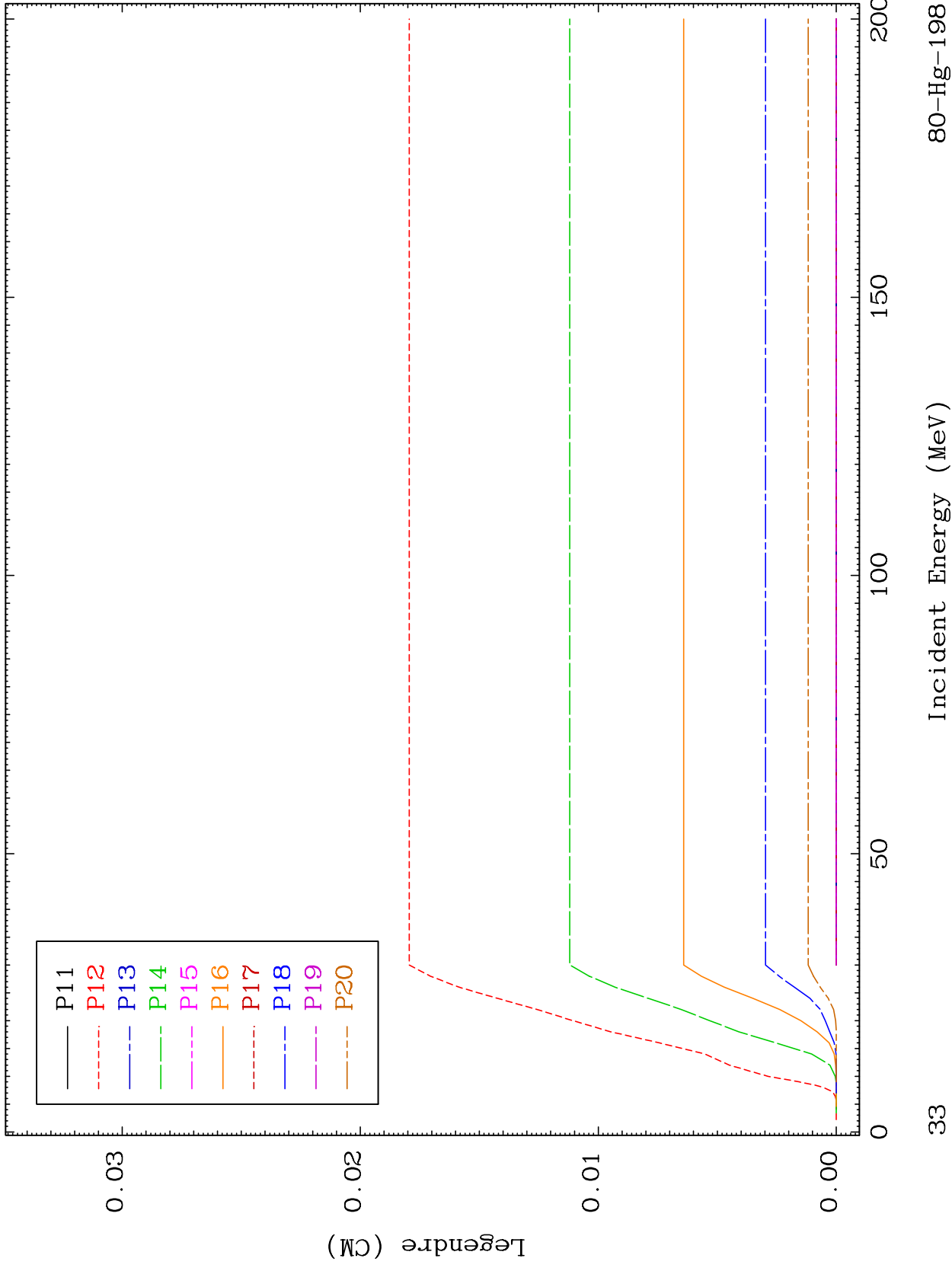




MAT 8031

1.402 MeV (n,n') Level
Legendre Coefficients

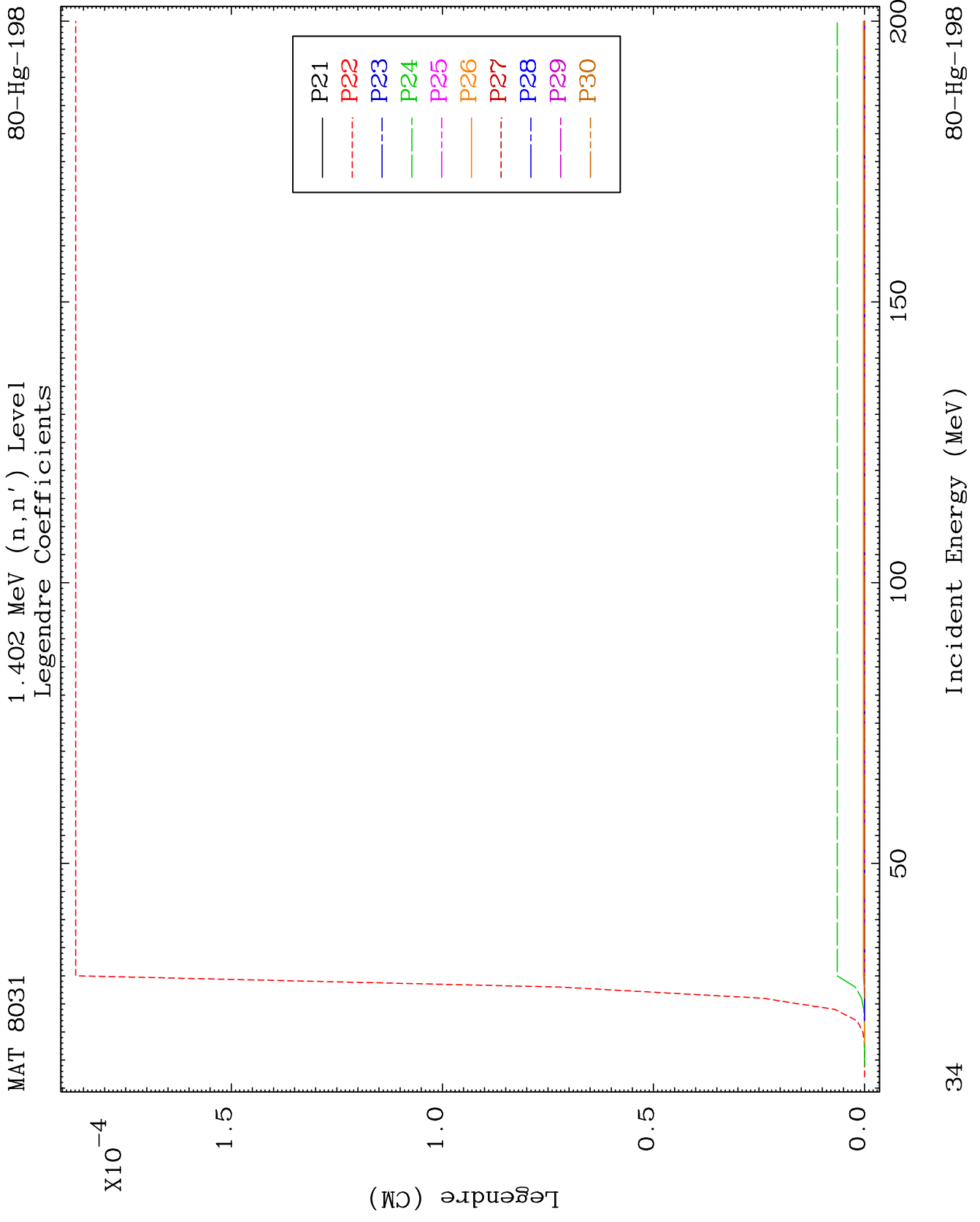
80-Hg-198



33

Incident Energy (MeV)

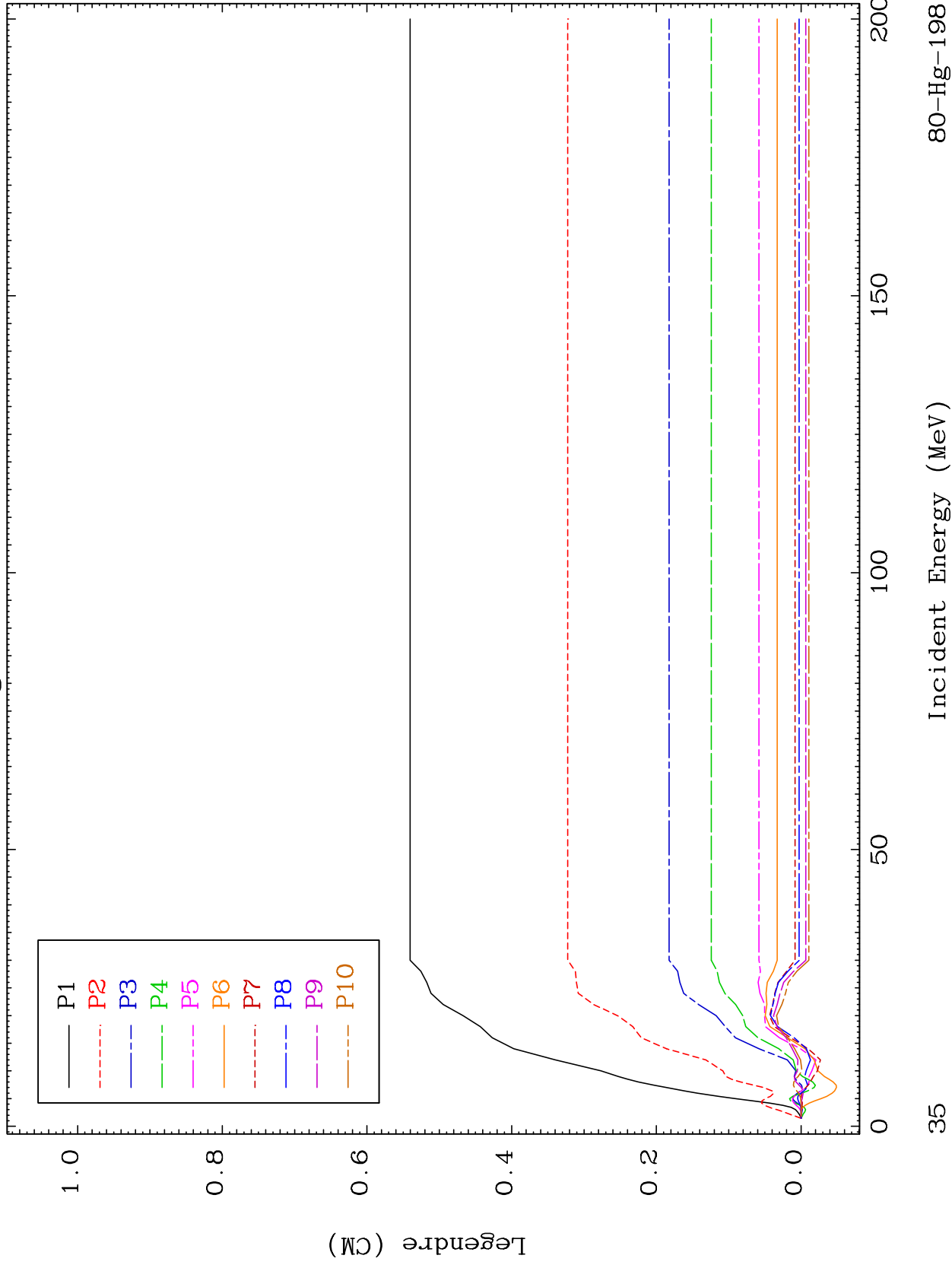
80-Hg-198



MAT 8031

1.419 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



80-Hg-198

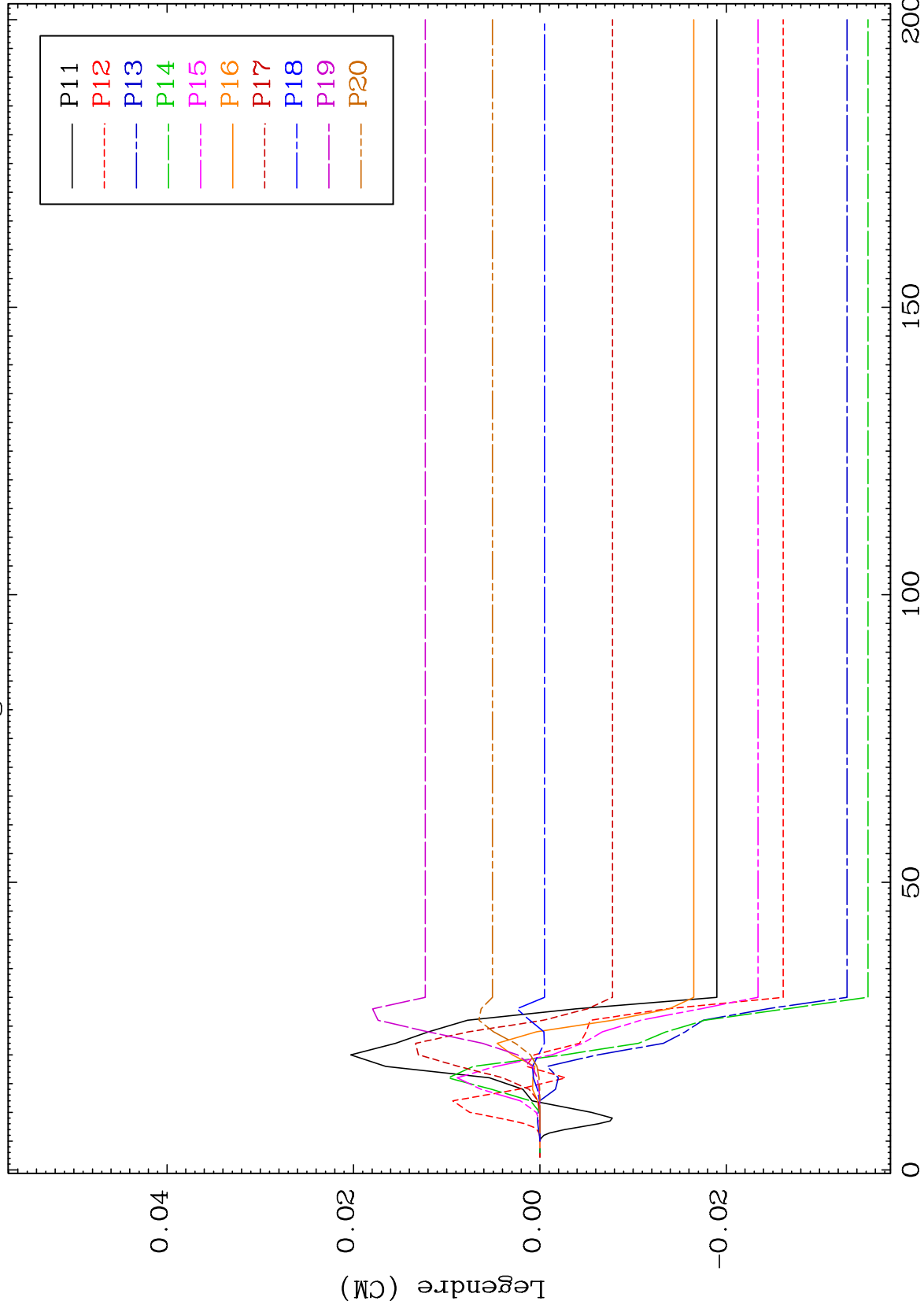
Incident Energy (MeV)

35

MAT 8031

1.419 MeV (n, n') Level
Legendre Coefficients

80-Hg-198



36

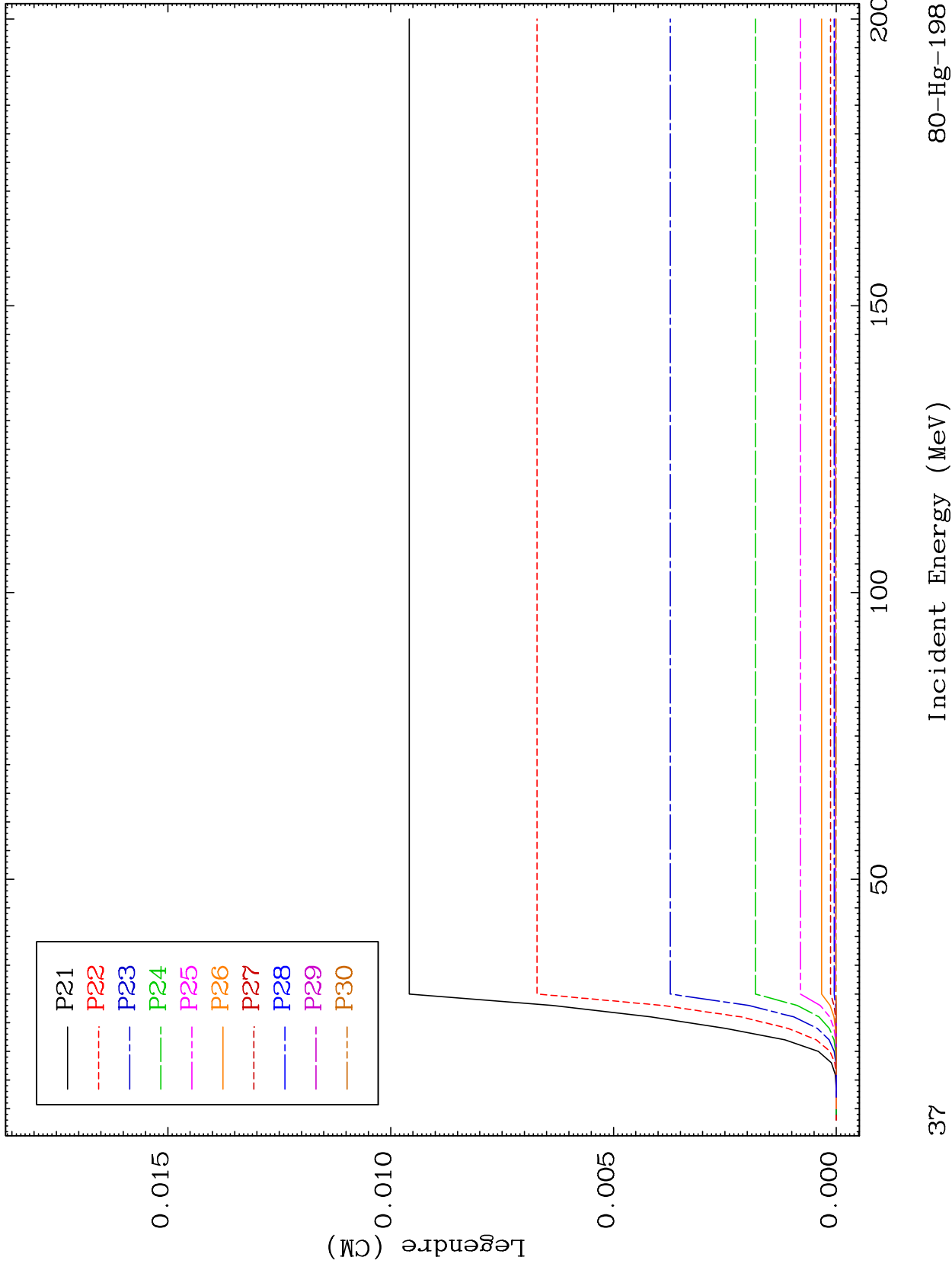
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.419 MeV (n,n') Level
Legendre Coefficients

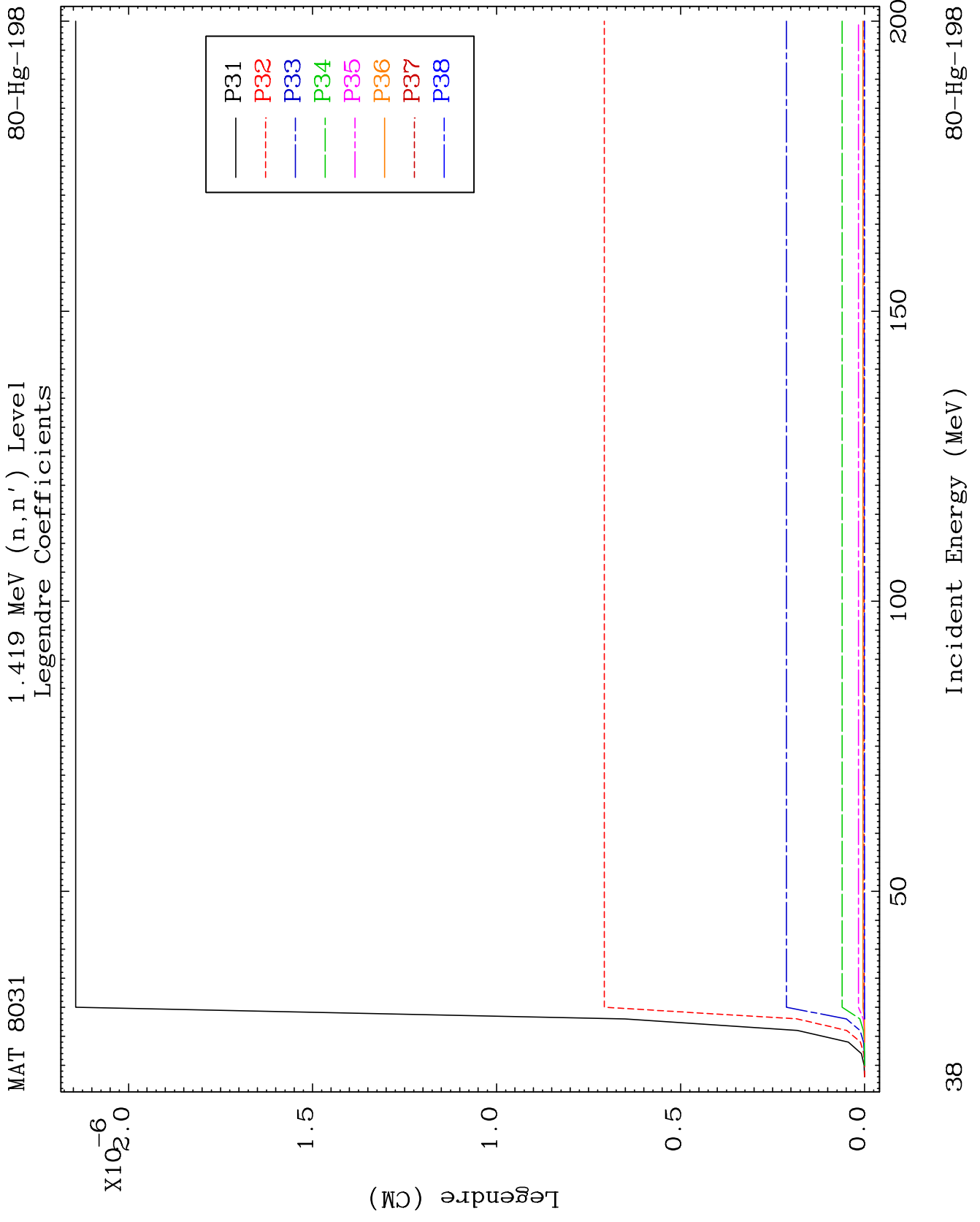
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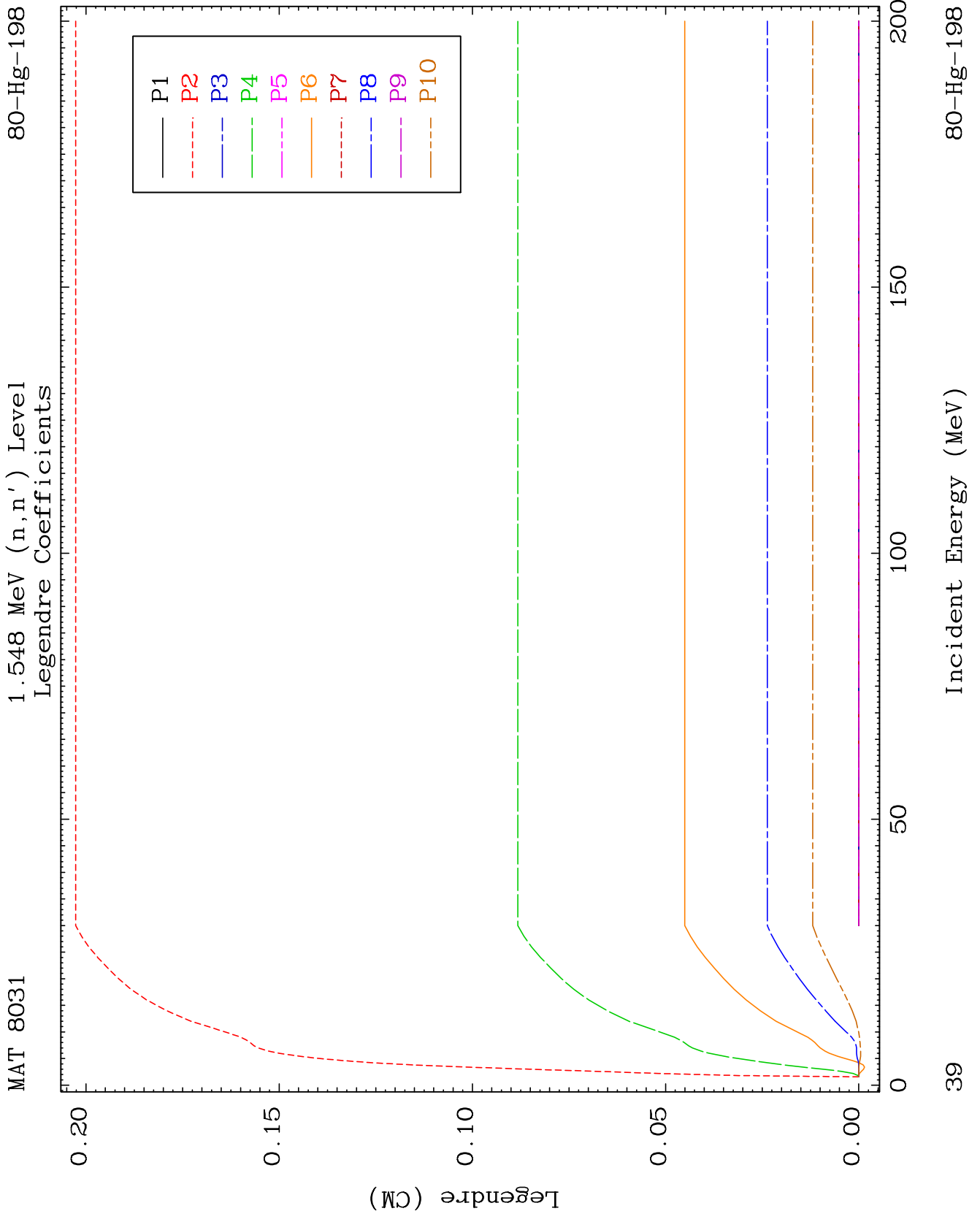


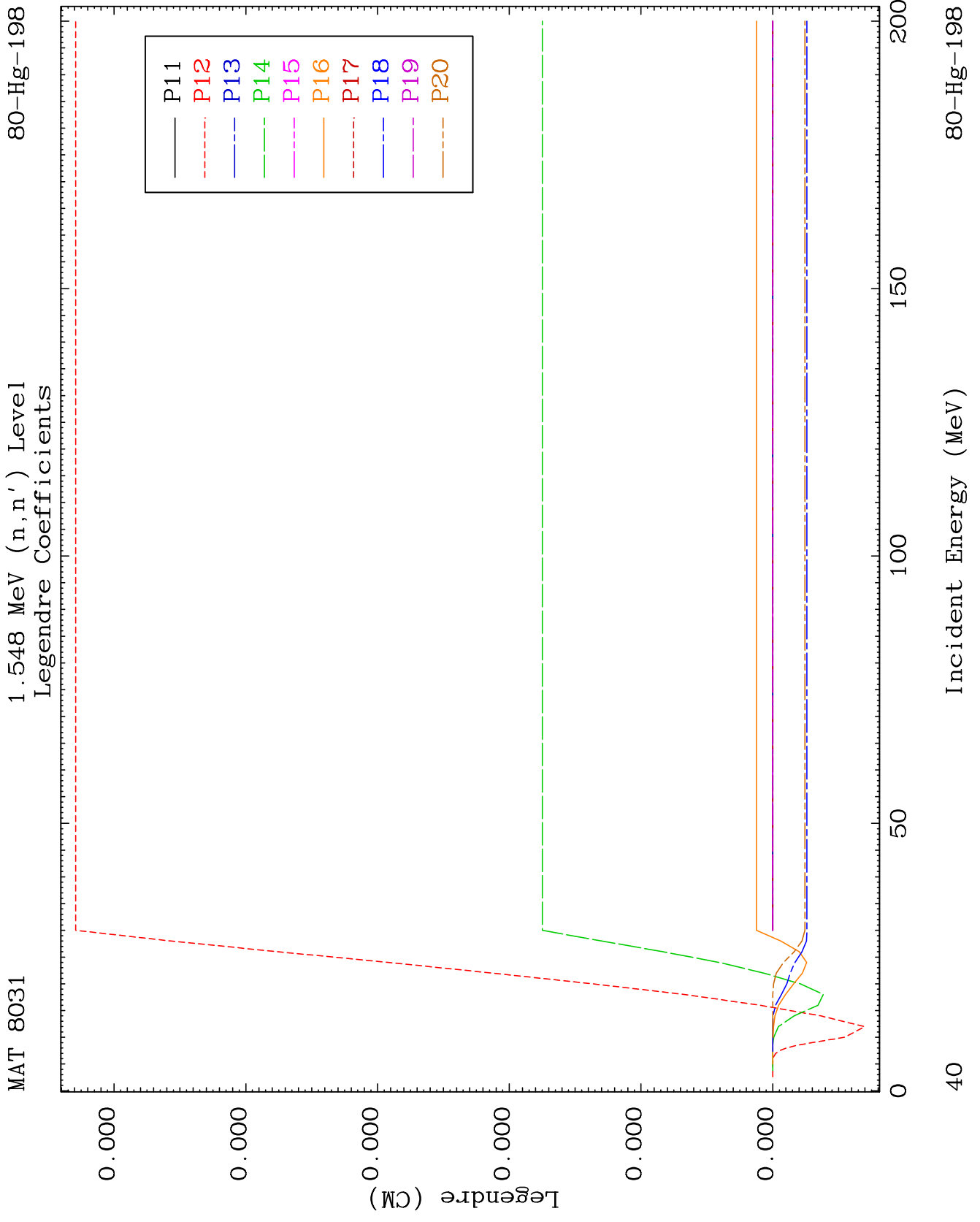
37

Incident Energy (MeV)

80-Hg-198



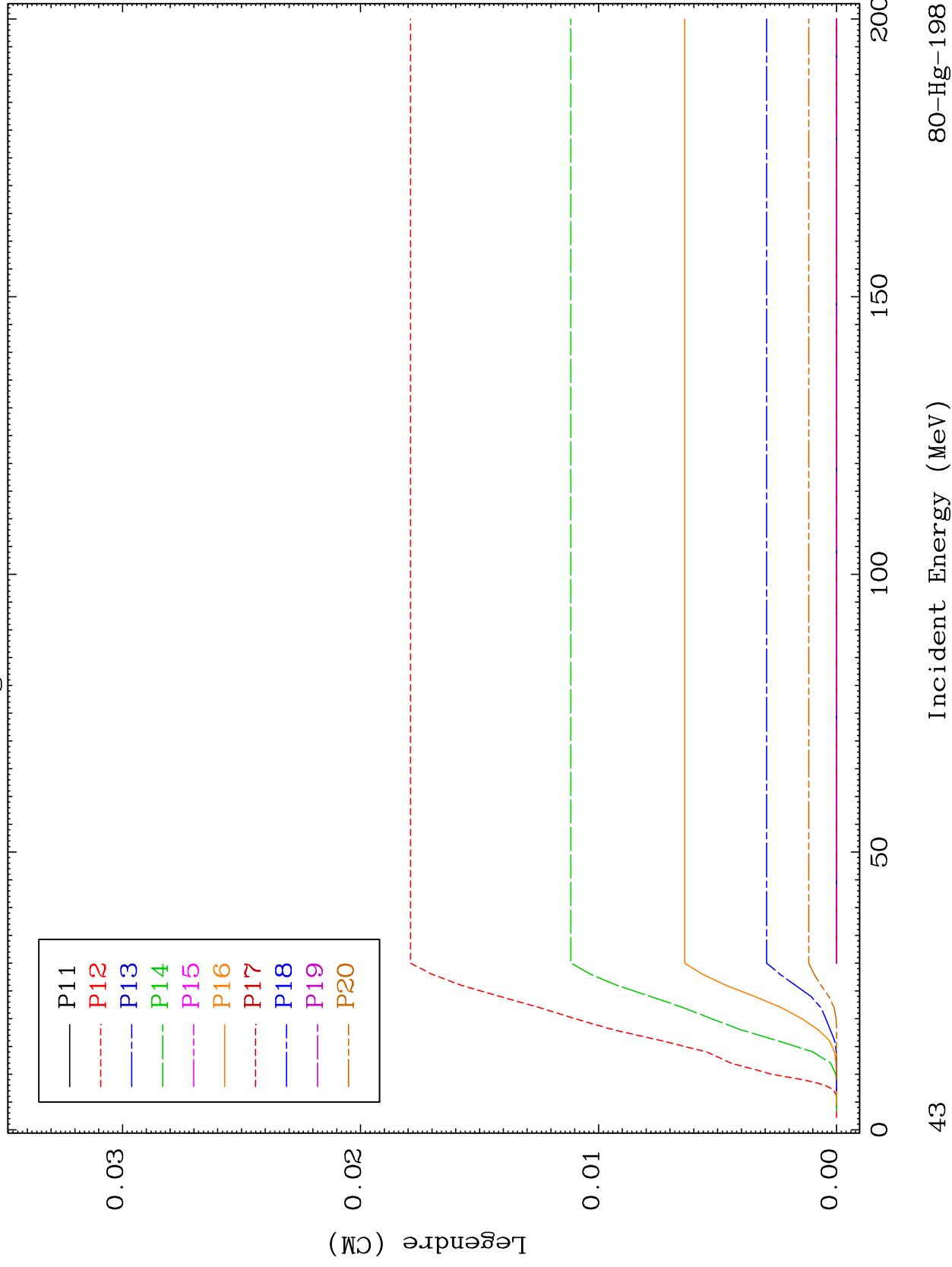




MAT 8031

1.550 MeV (n,n') Level
Legendre Coefficients

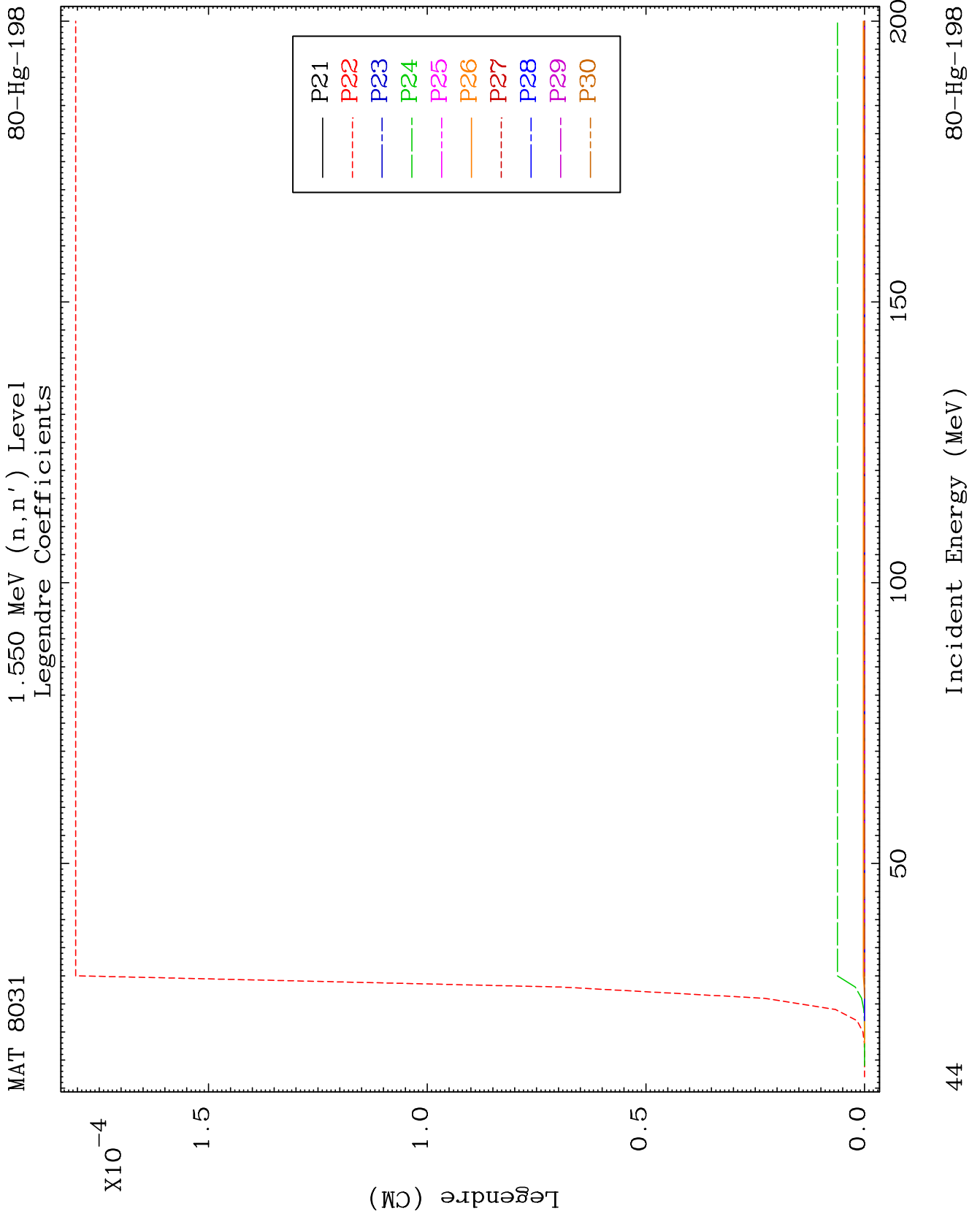
80-Hg-198



43

Incident Energy (MeV)

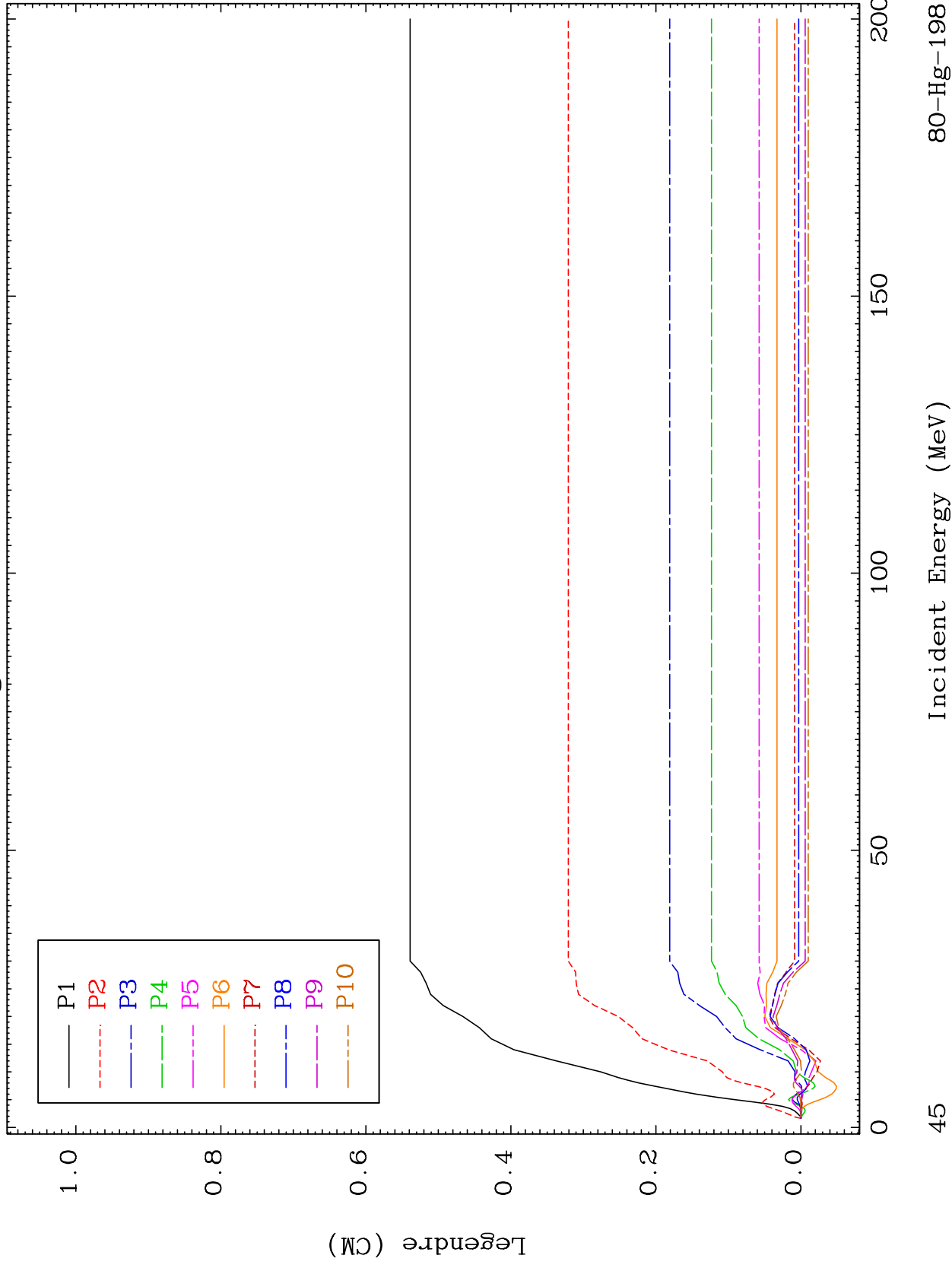
80-Hg-198



MAT 8031

1.612 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



80-Hg-198

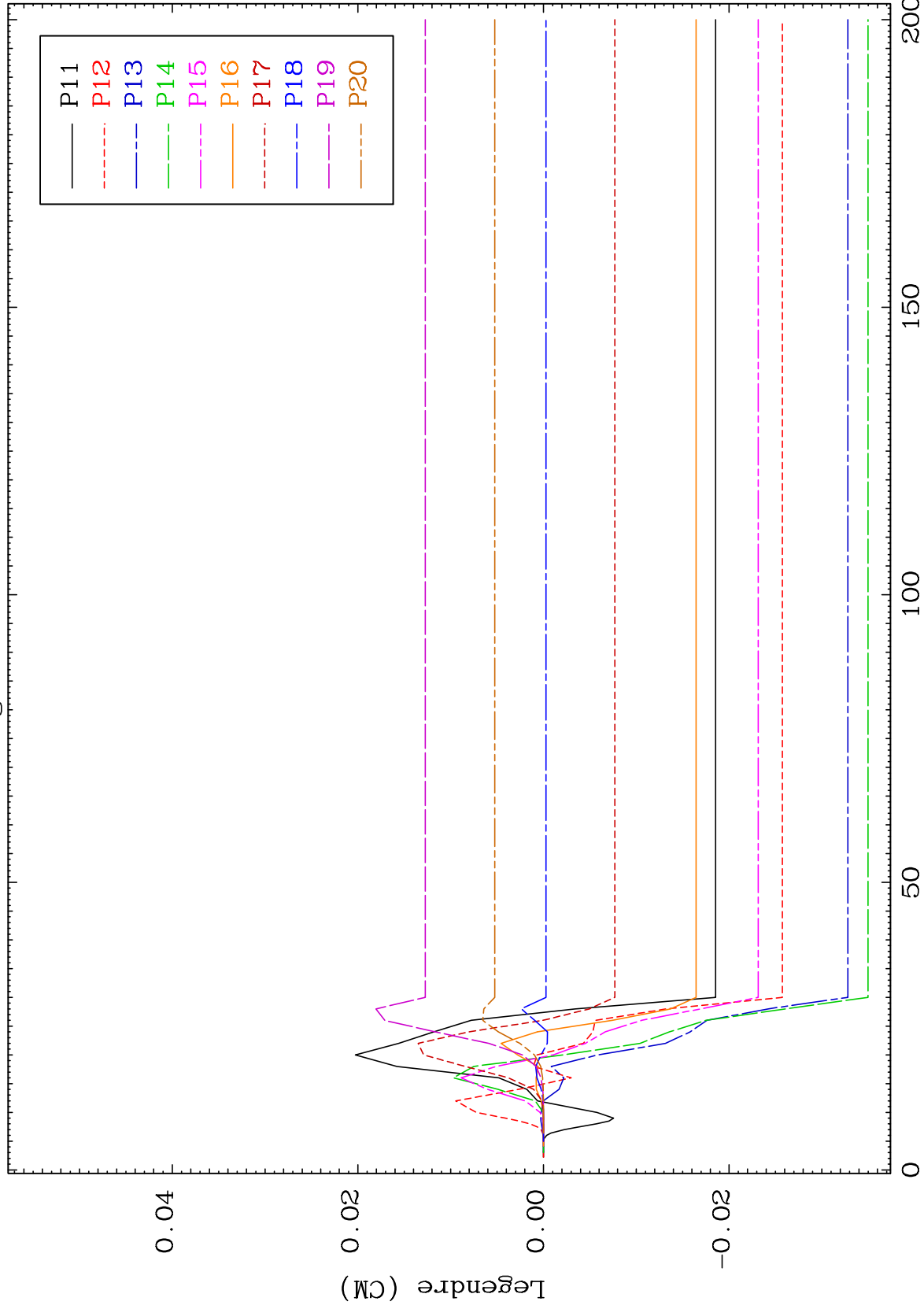
Incident Energy (MeV)

45

MAT 8031

1.612 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



46

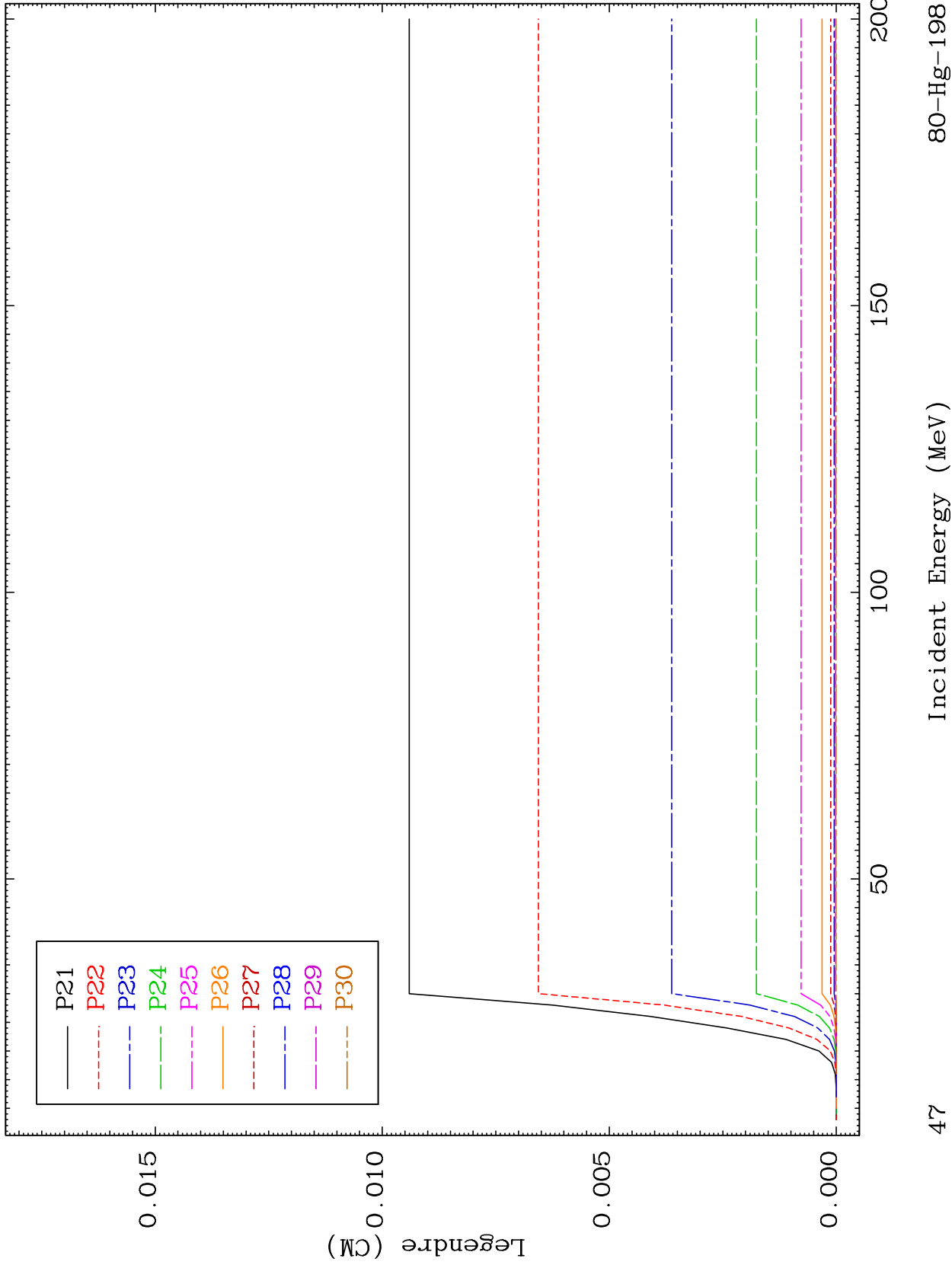
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.612 MeV (n, n') Level
Legendre Coefficients

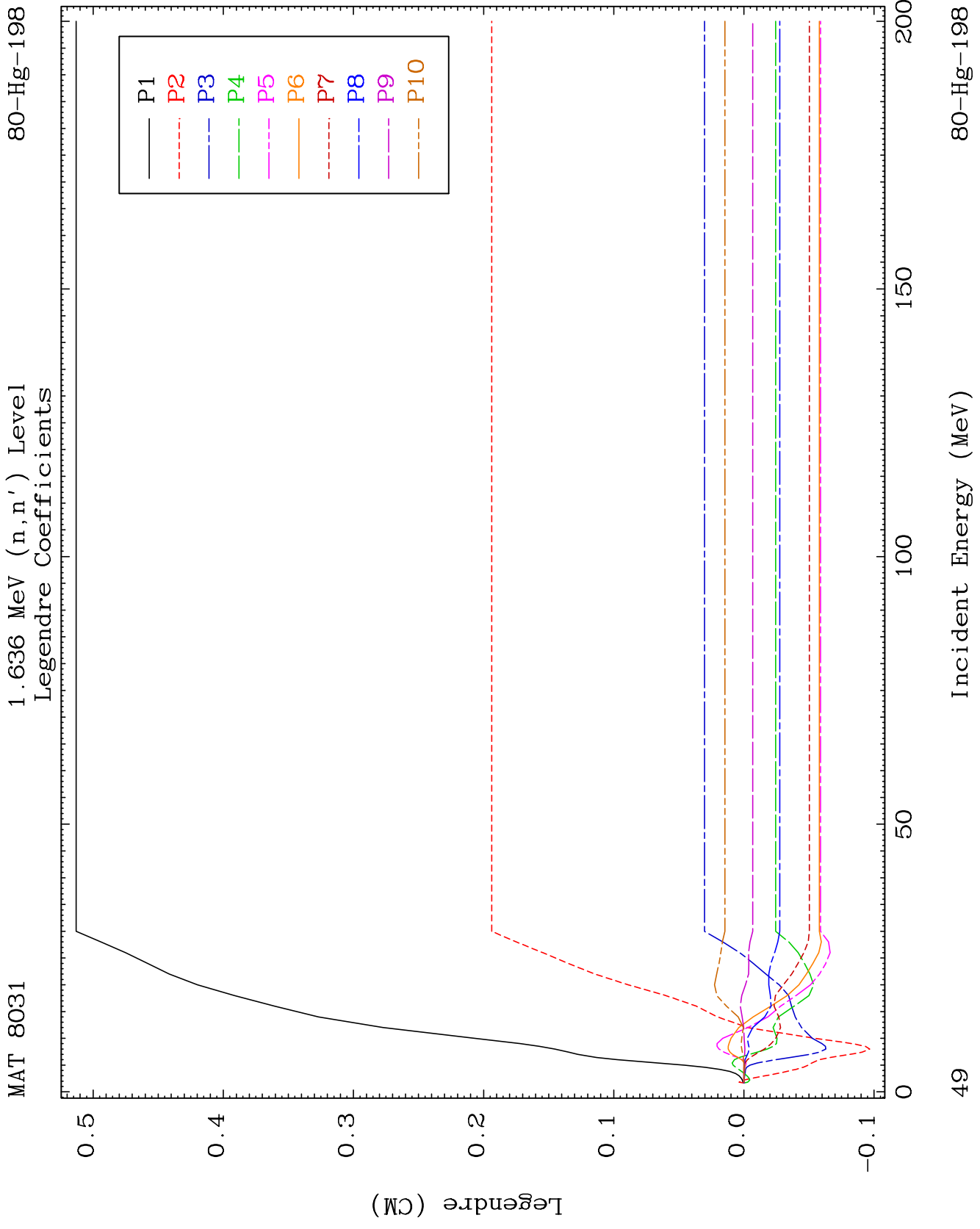
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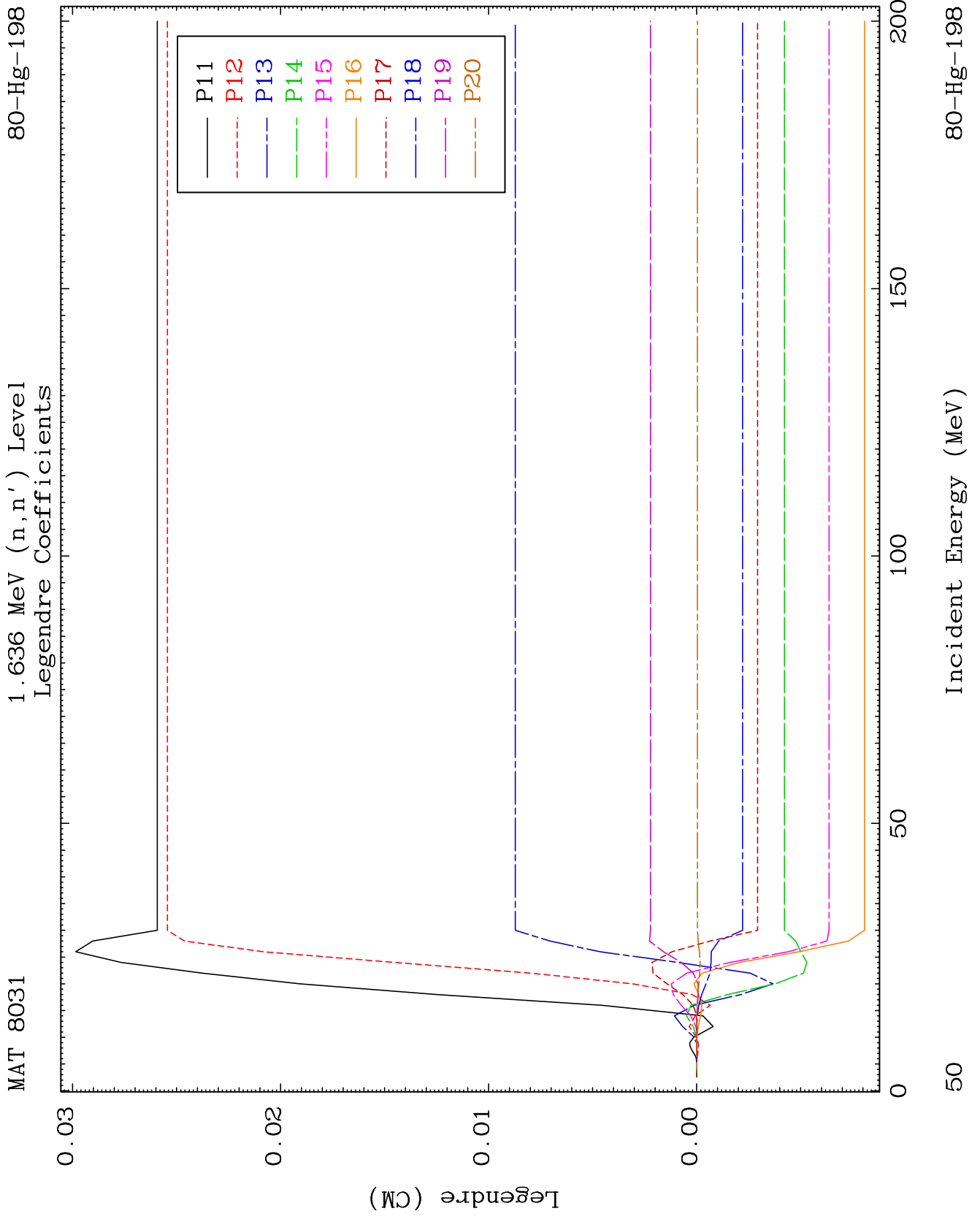


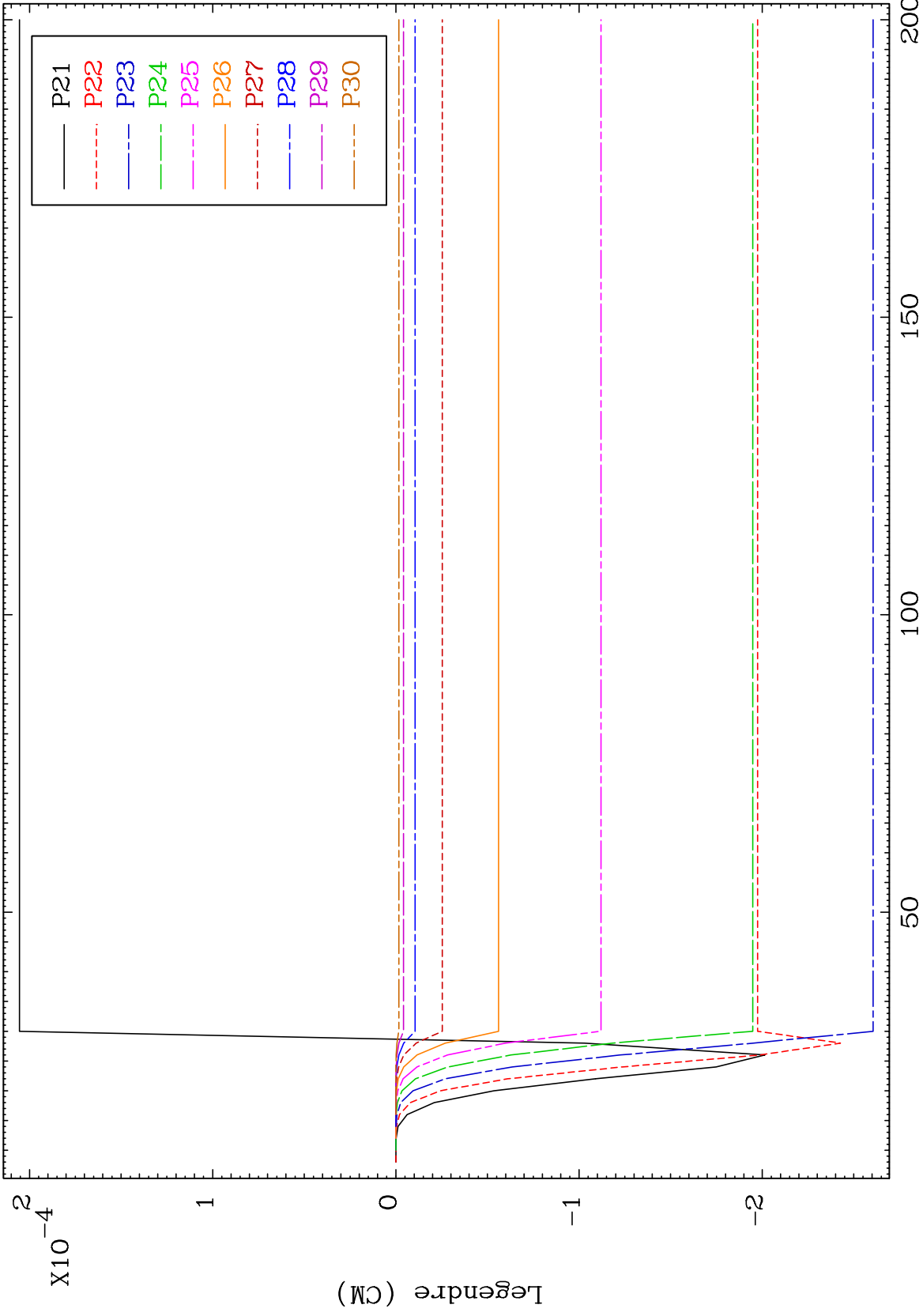
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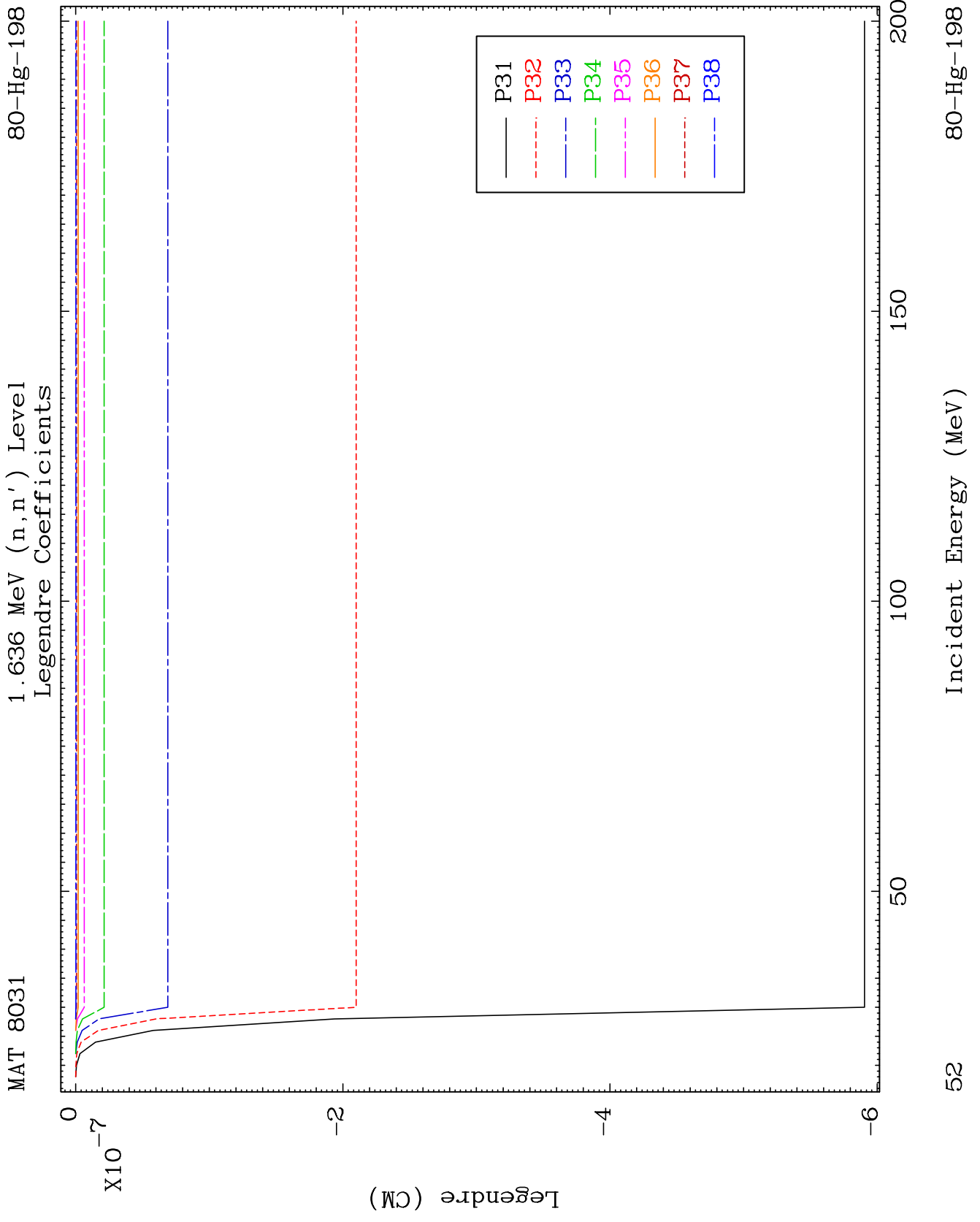
Incident Energy (MeV)

80-Hg-198





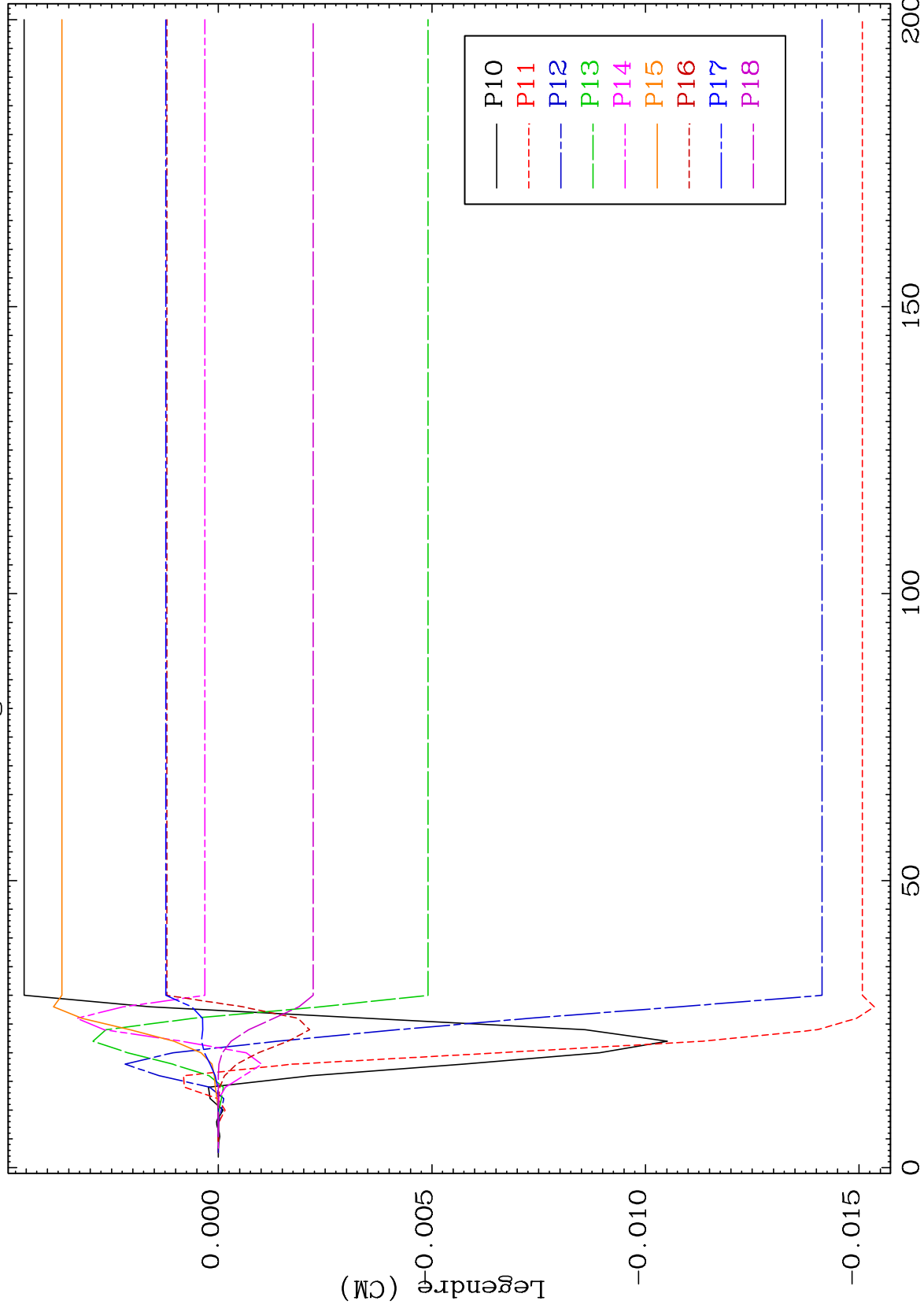




MAT 8031

1.683 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



54

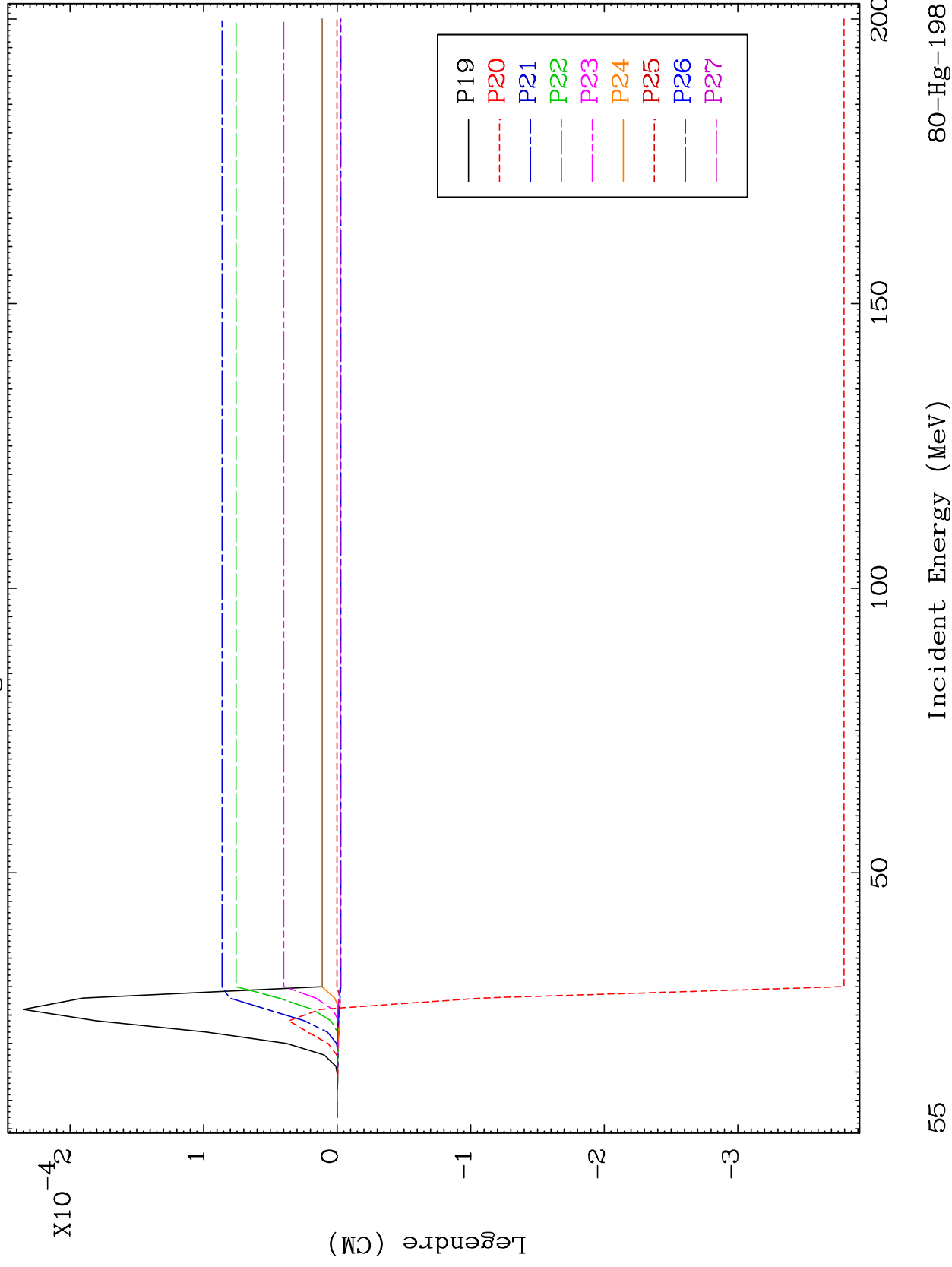
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.683 MeV (n,n') Level
Legendre Coefficients

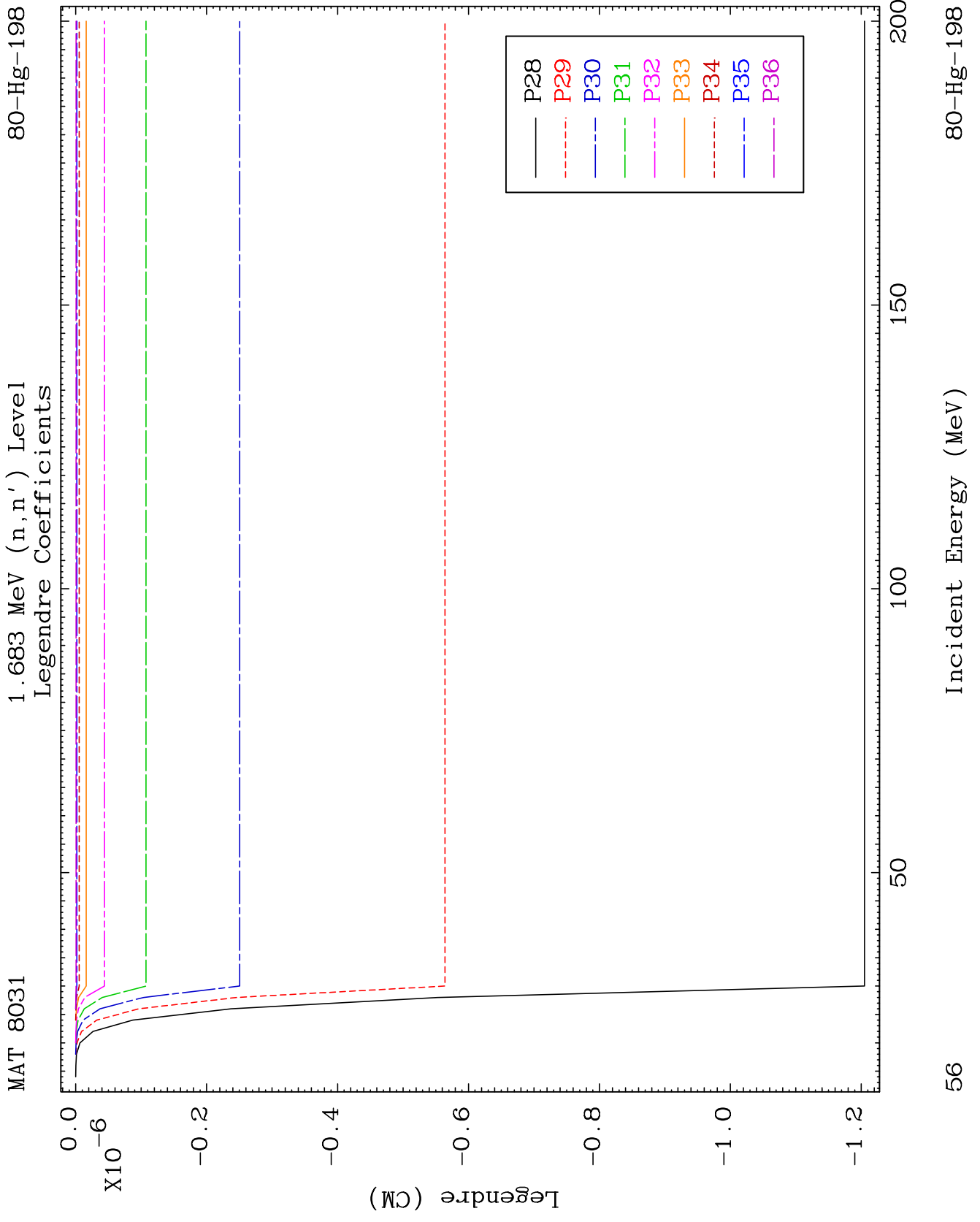
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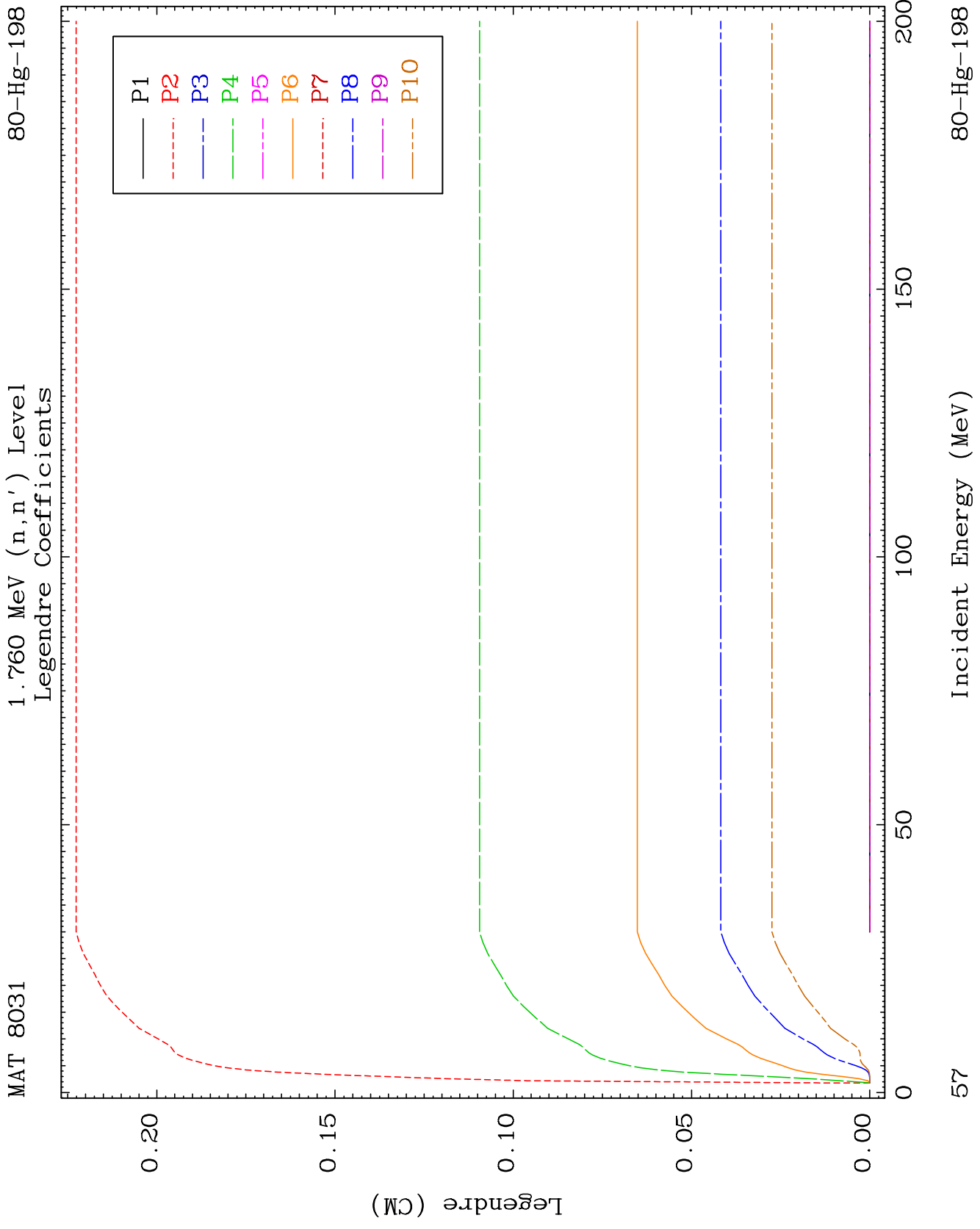


55

Incident Energy (MeV)

80-Hg-198

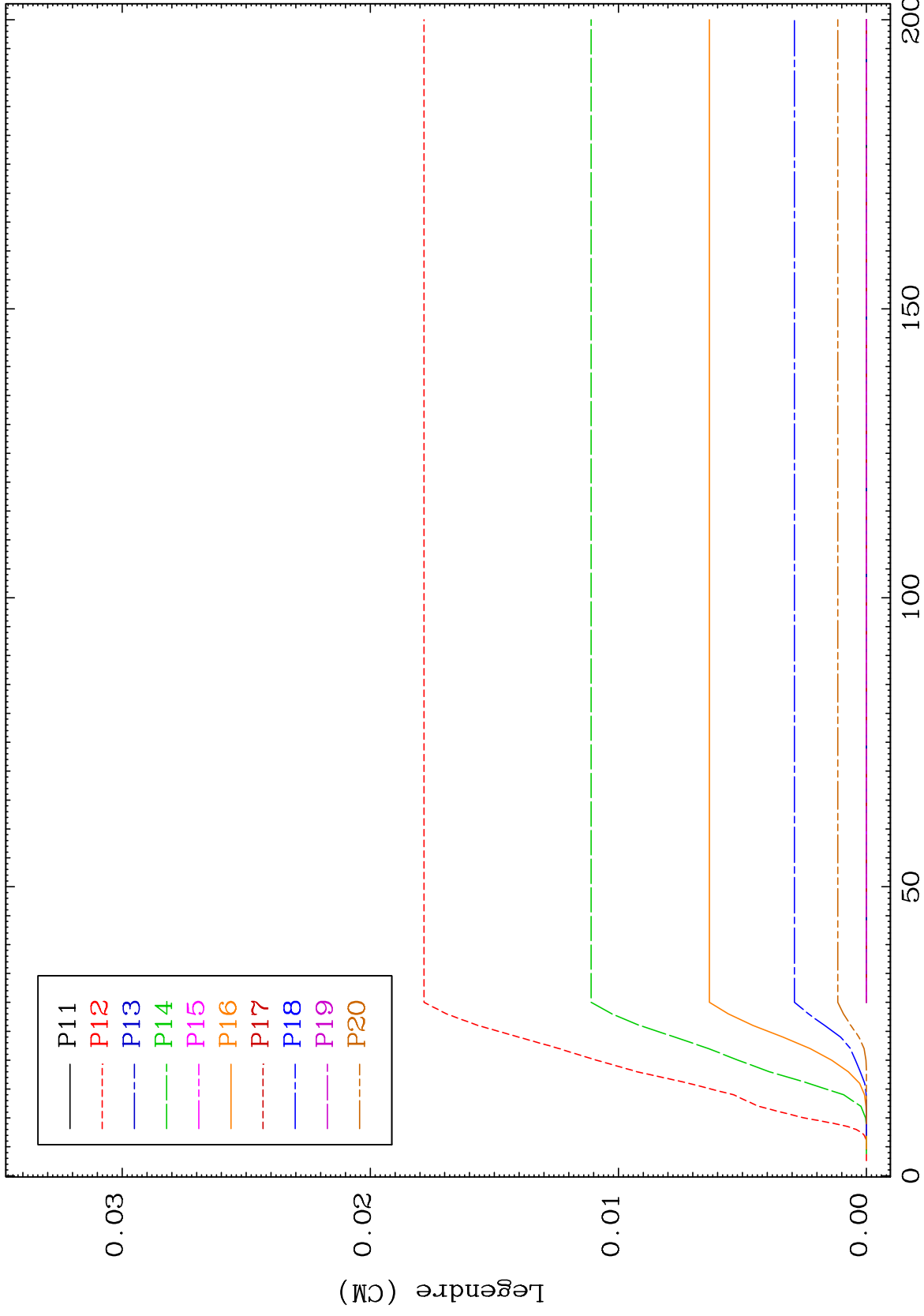




MAT 8031

1.760 MeV (n,n') Level
Legendre Coefficients

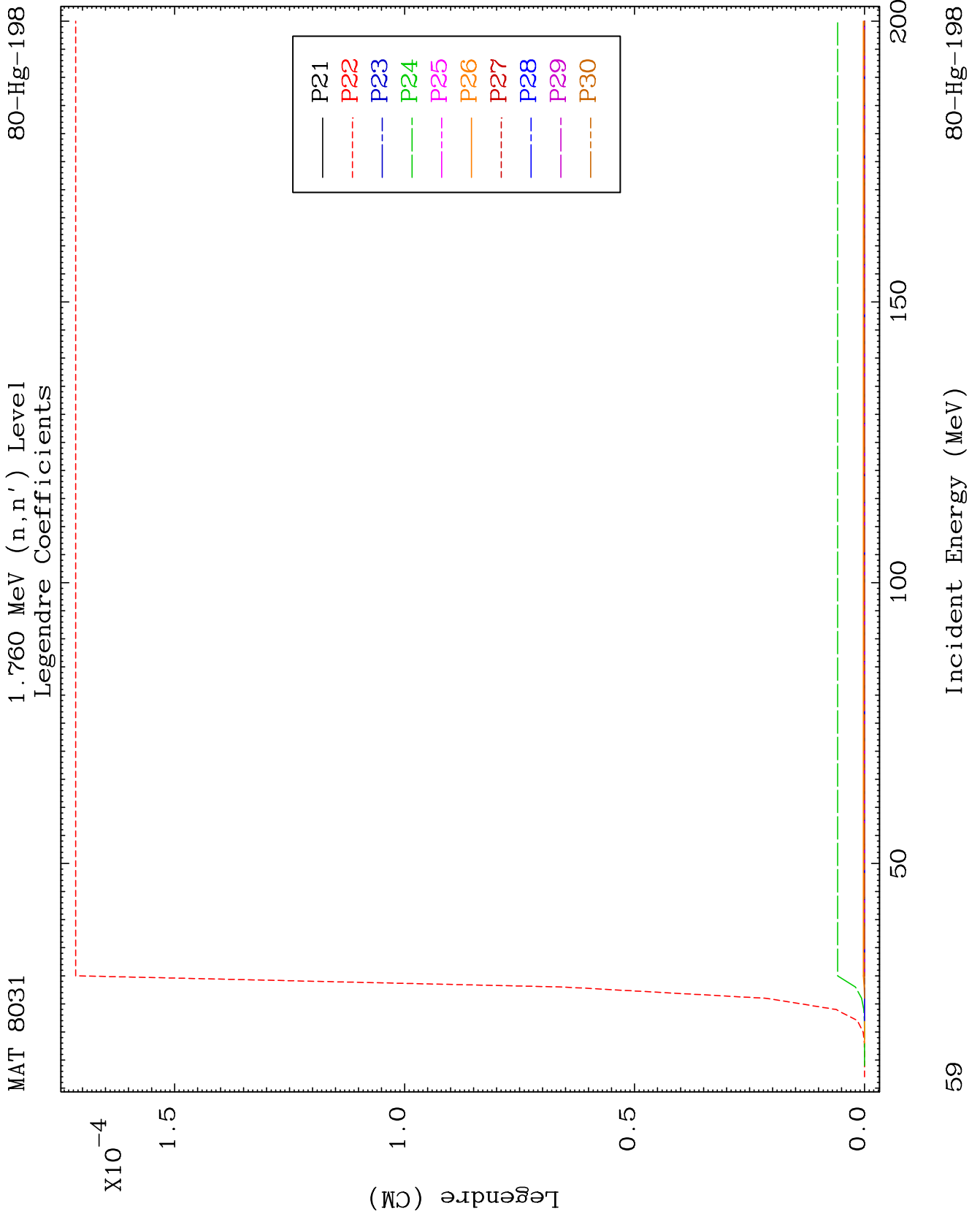
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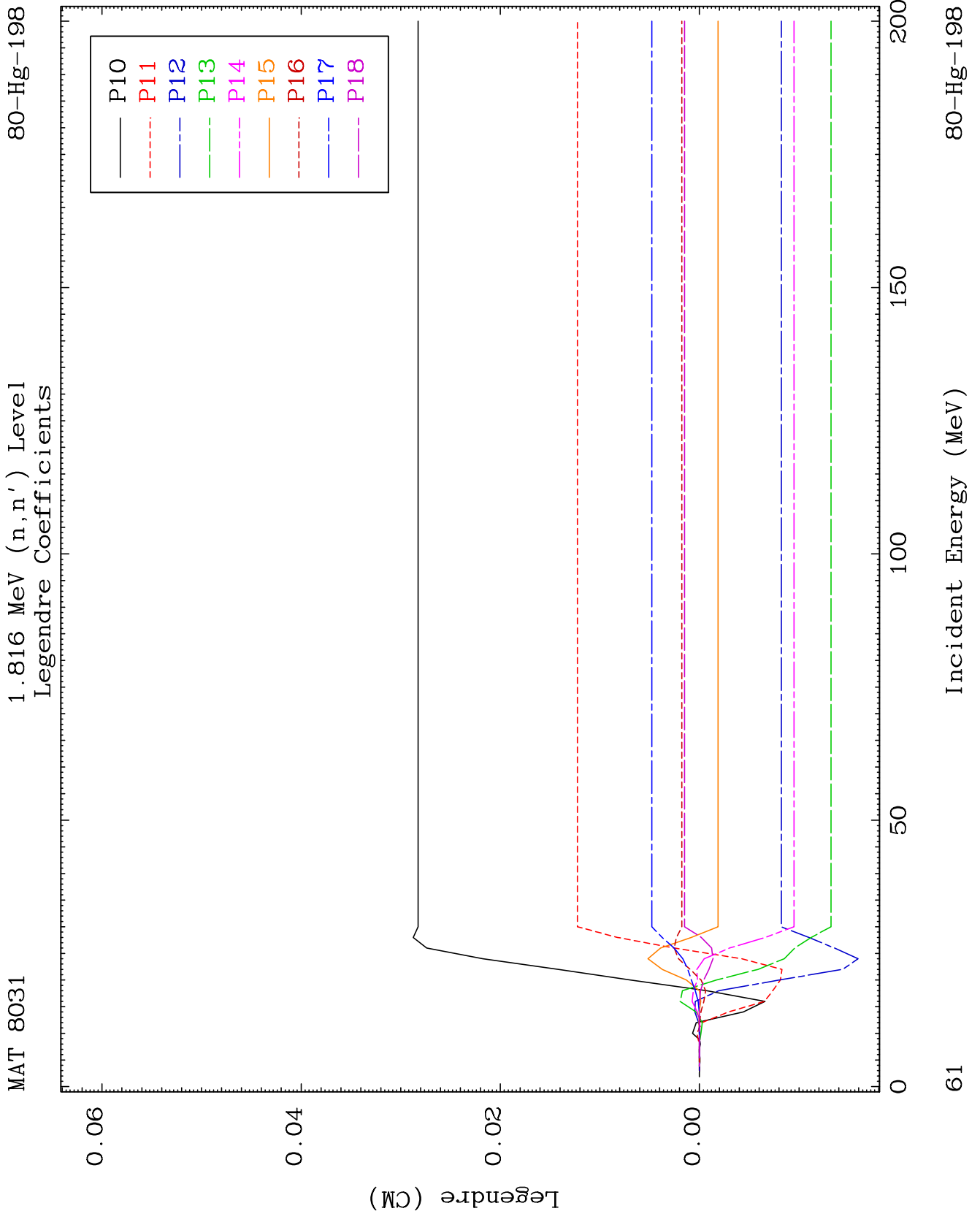


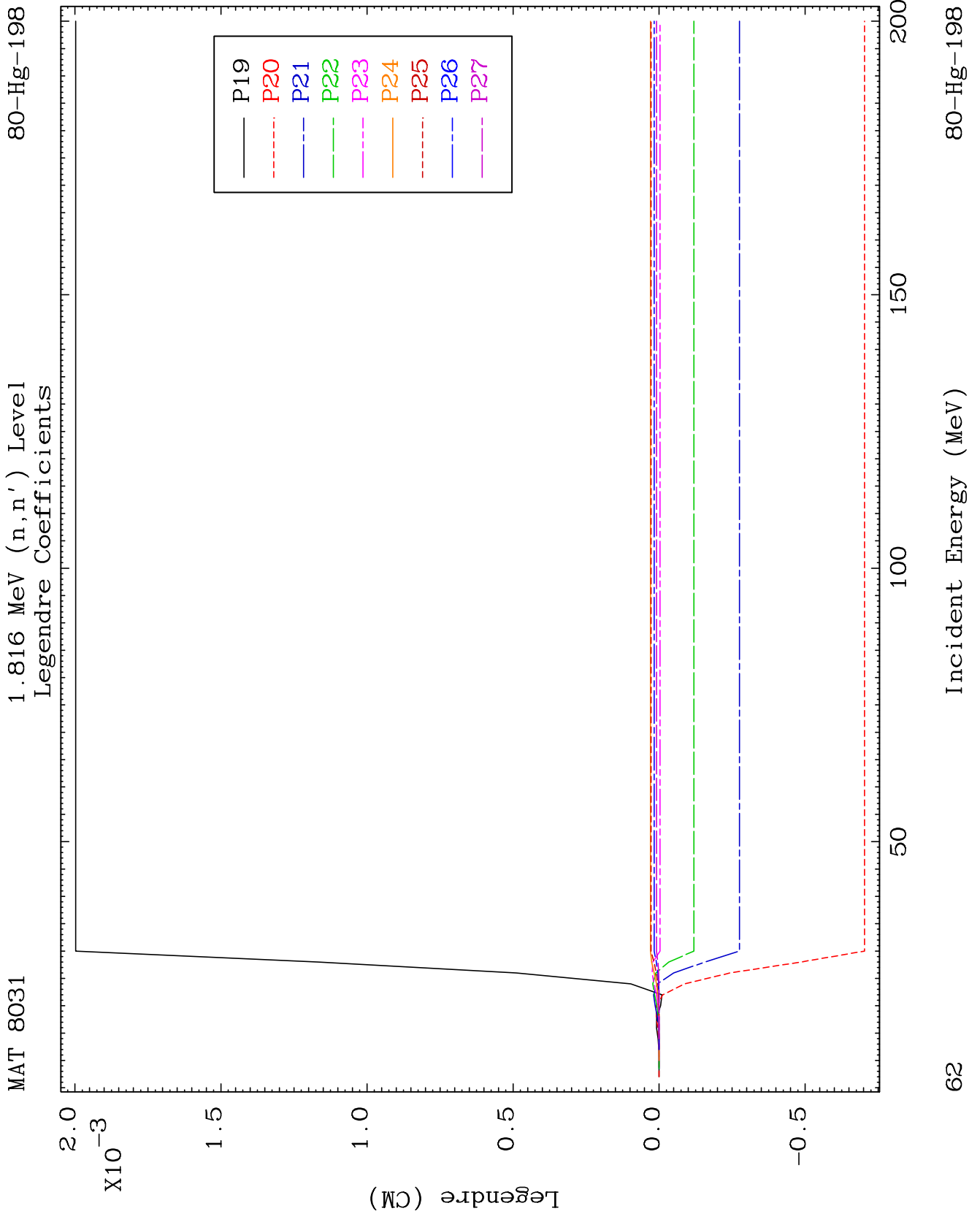
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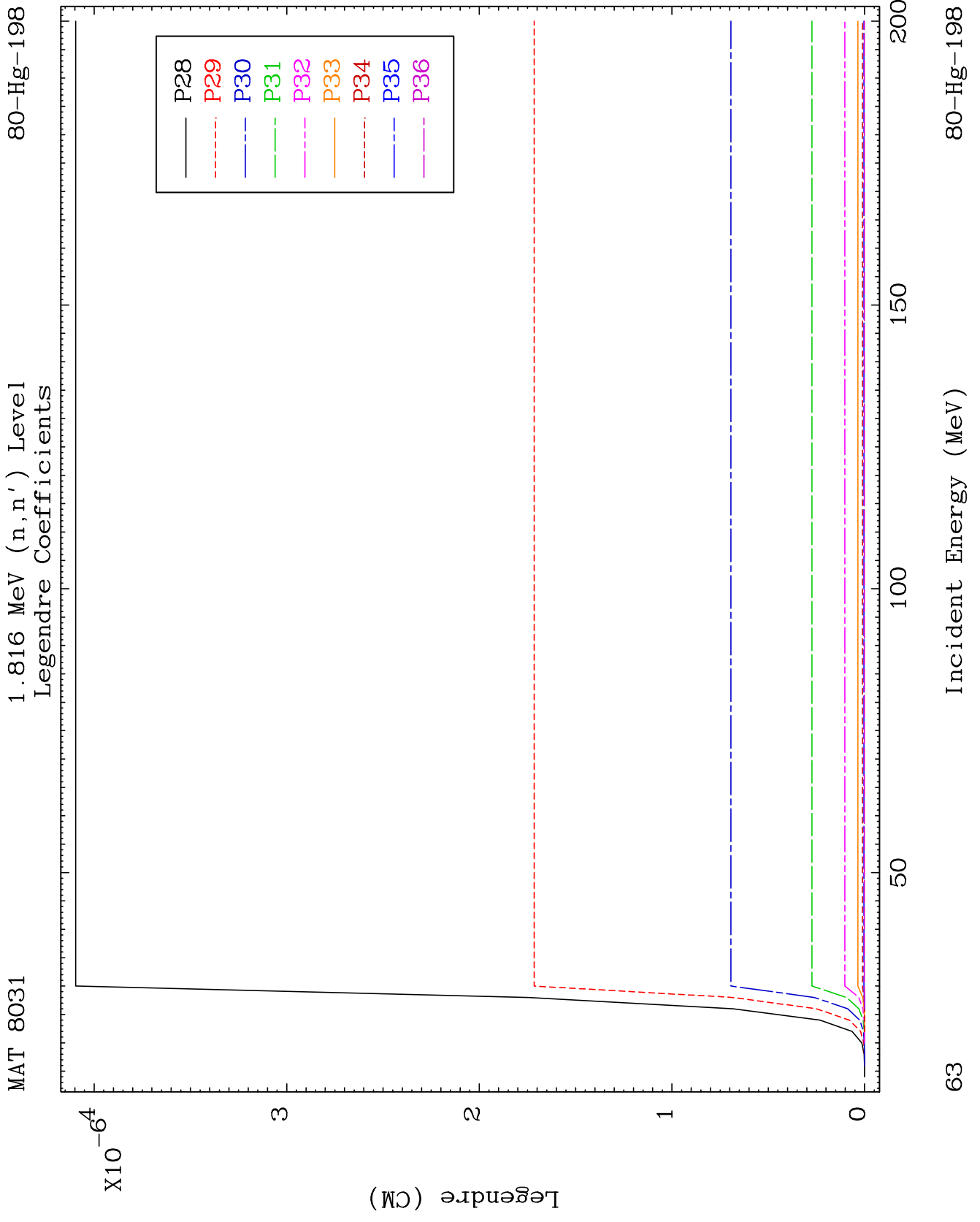
Incident Energy (MeV)

80-Hg-198





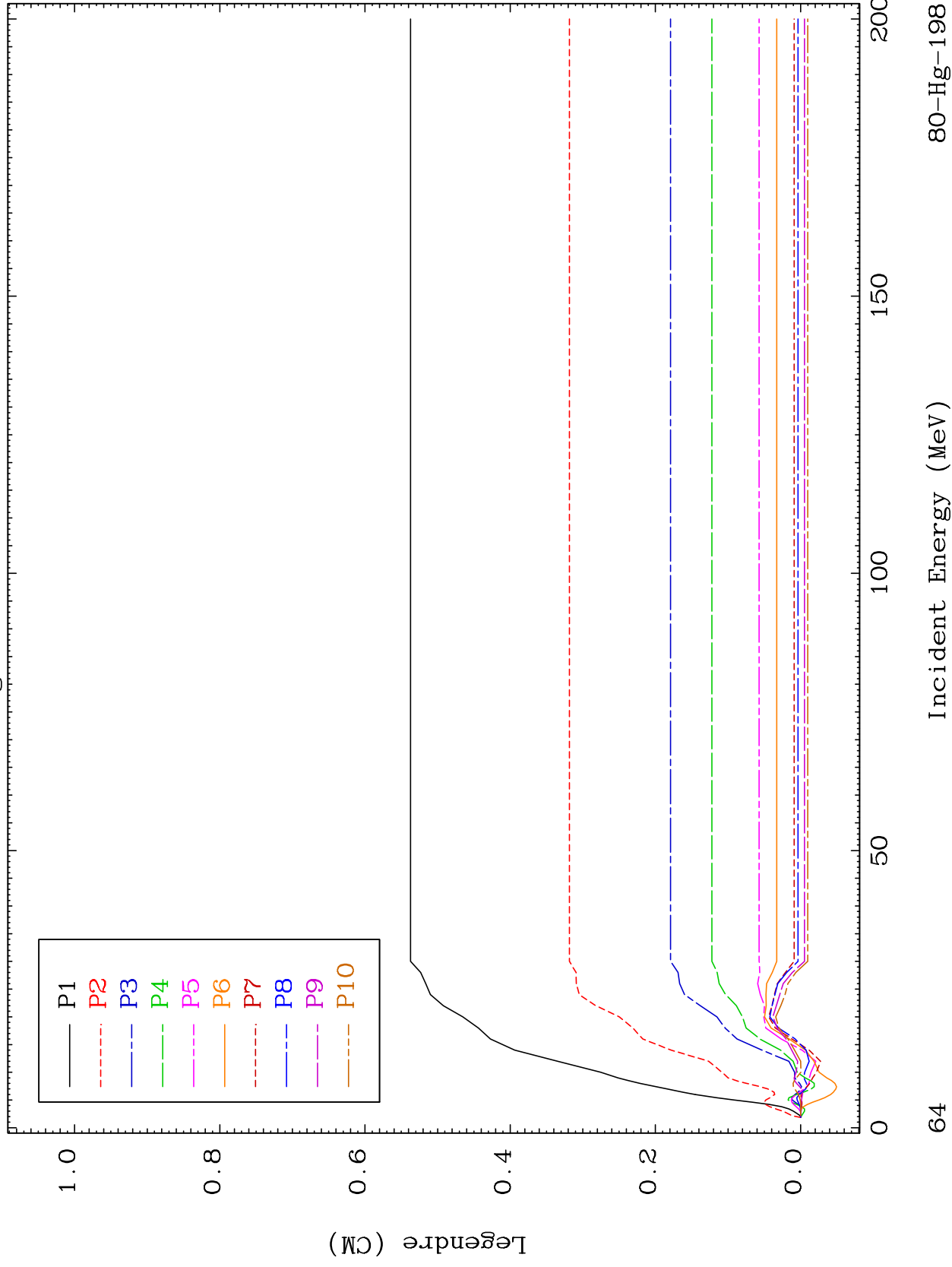




MAT 8031

1.833 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



80-Hg-198

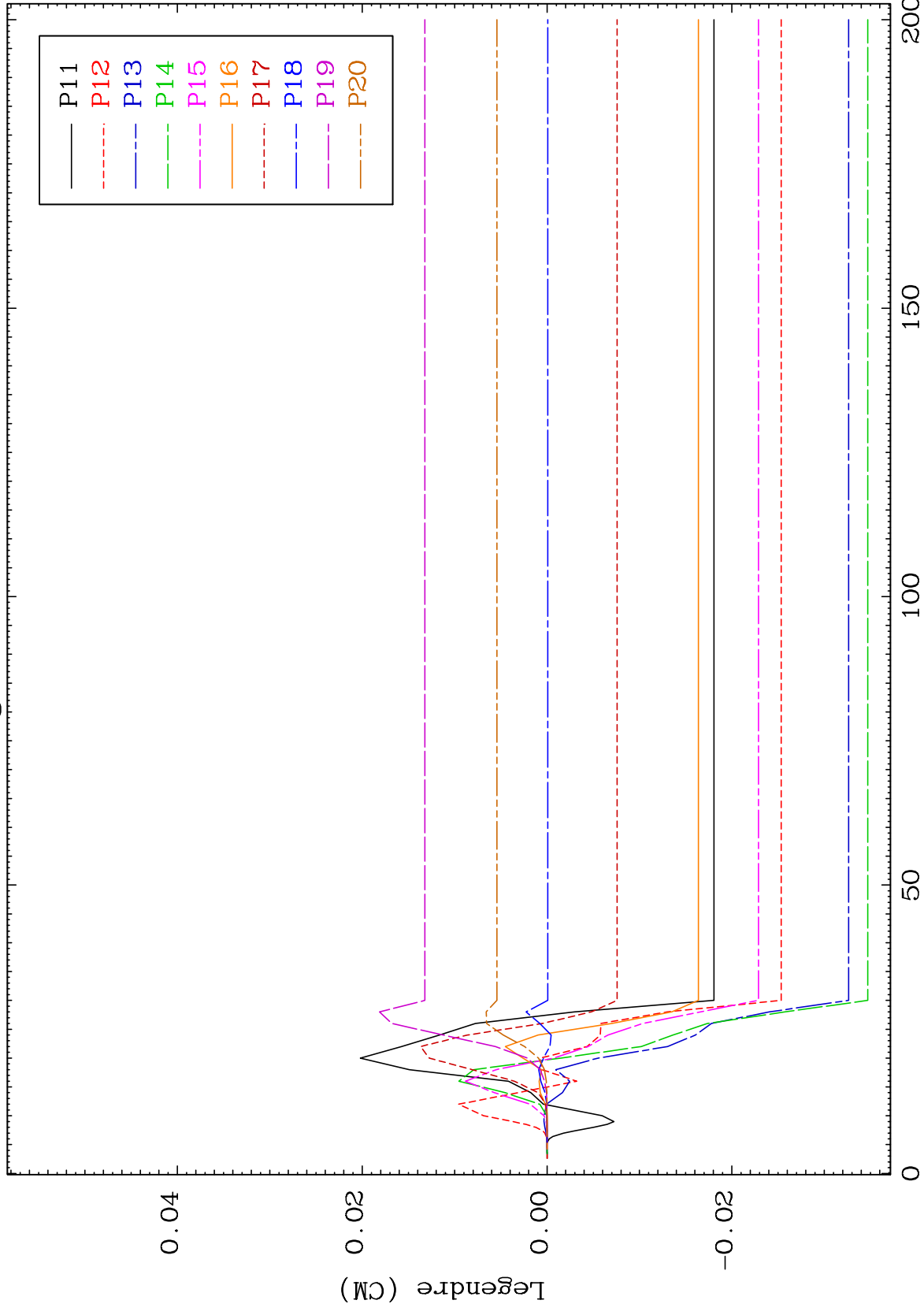
Incident Energy (MeV)

64

MAT 8031

1.833 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



65

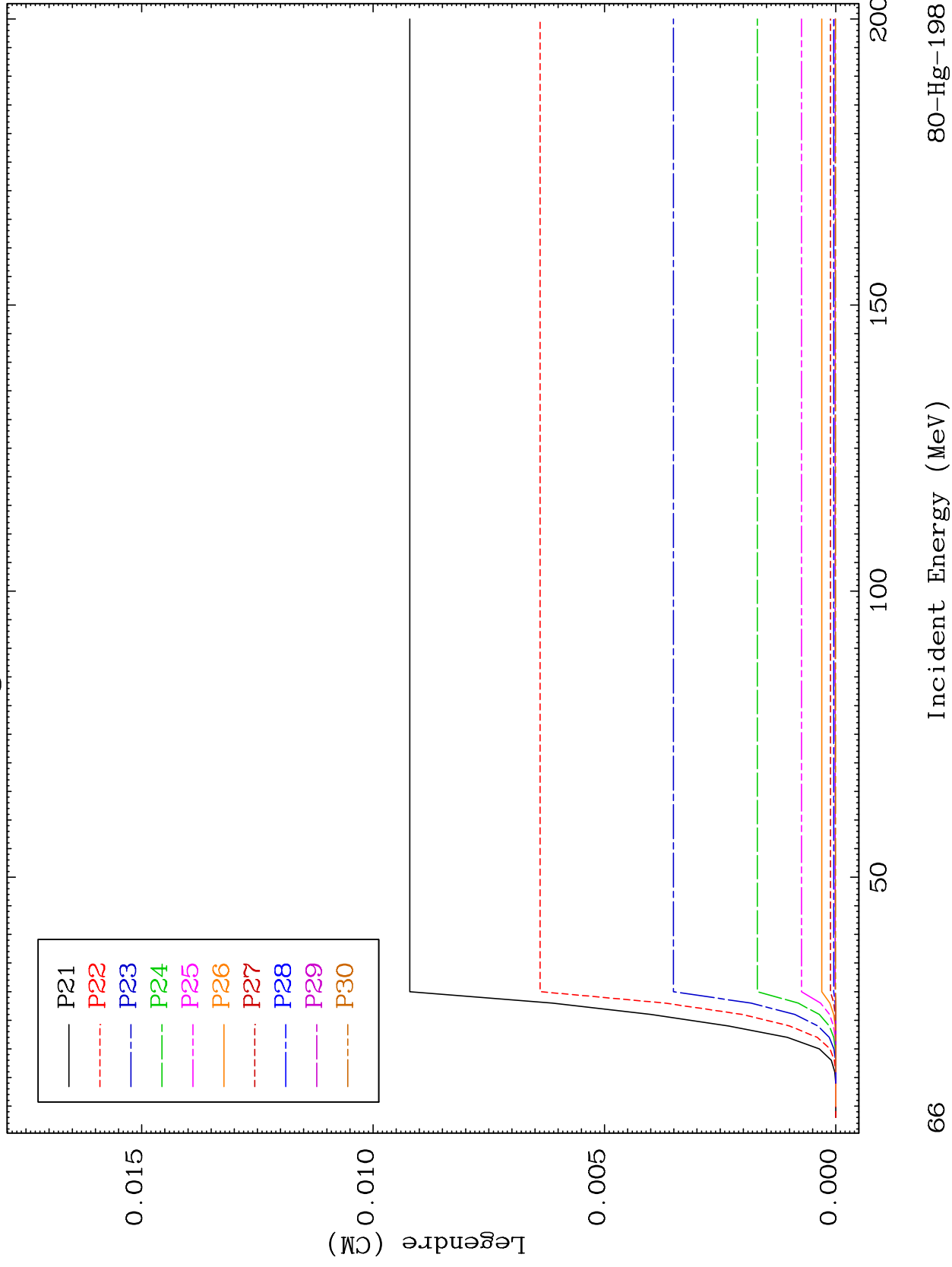
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.833 MeV (n,n') Level
Legendre Coefficients

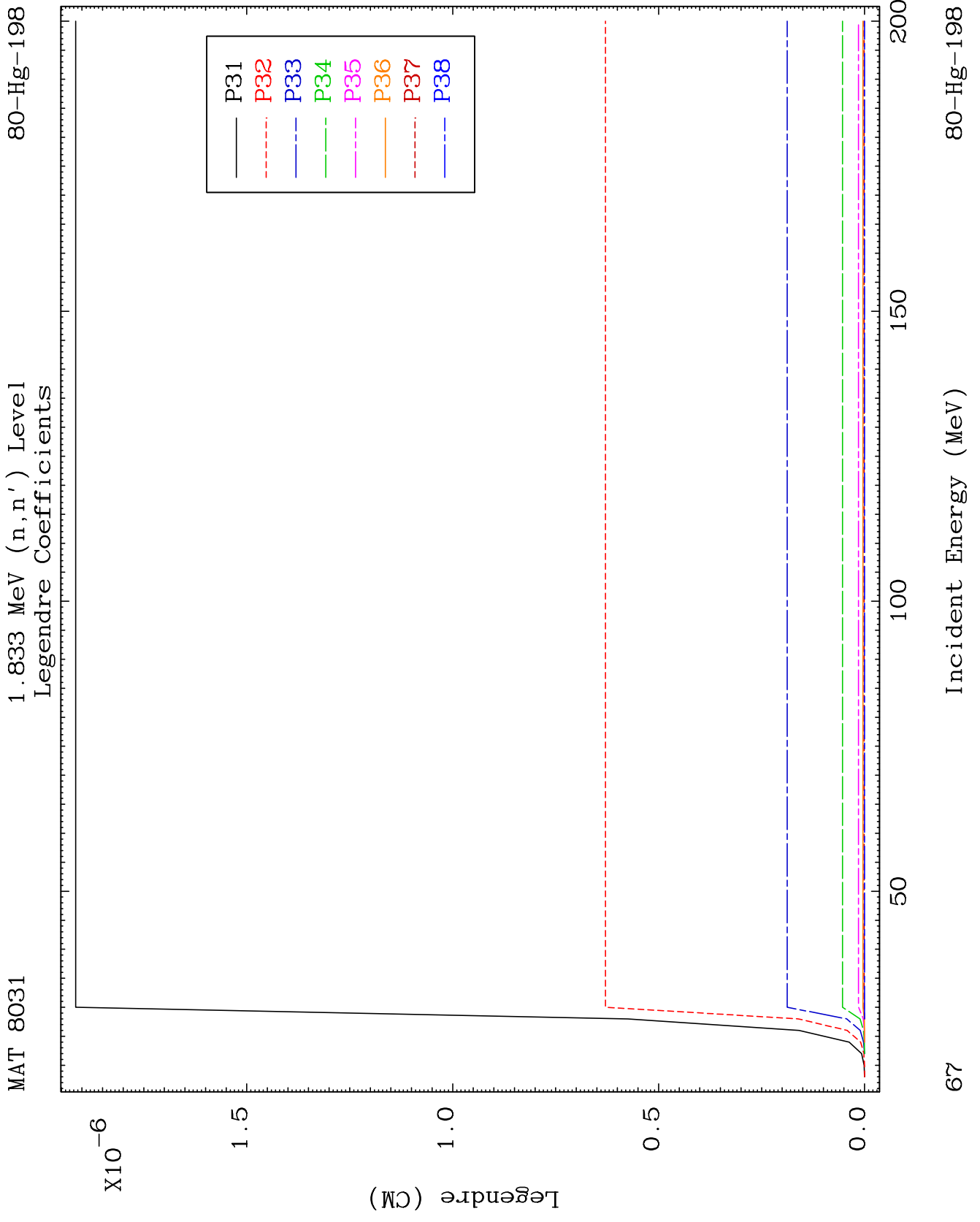
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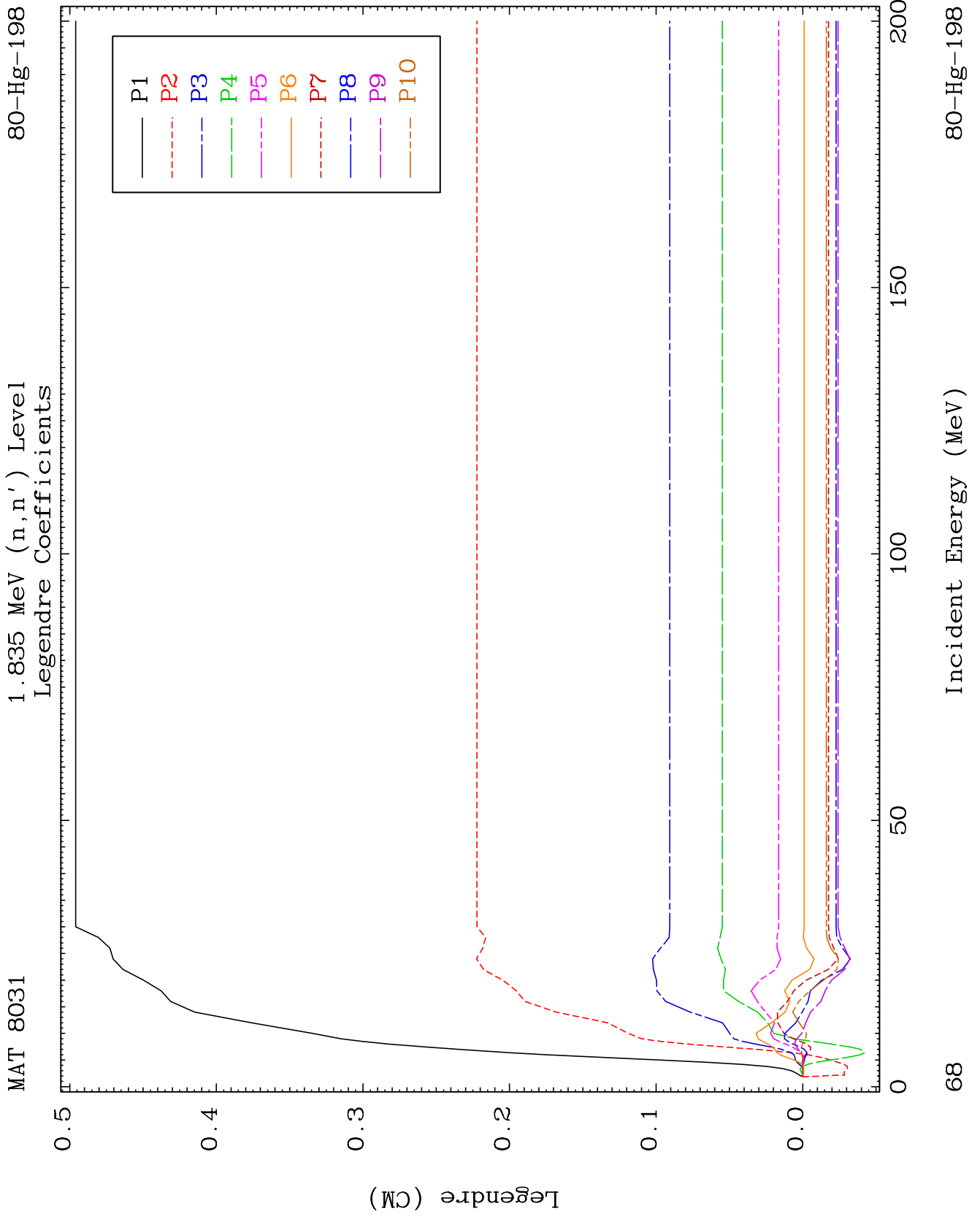


66

Incident Energy (MeV)

80-Hg-198

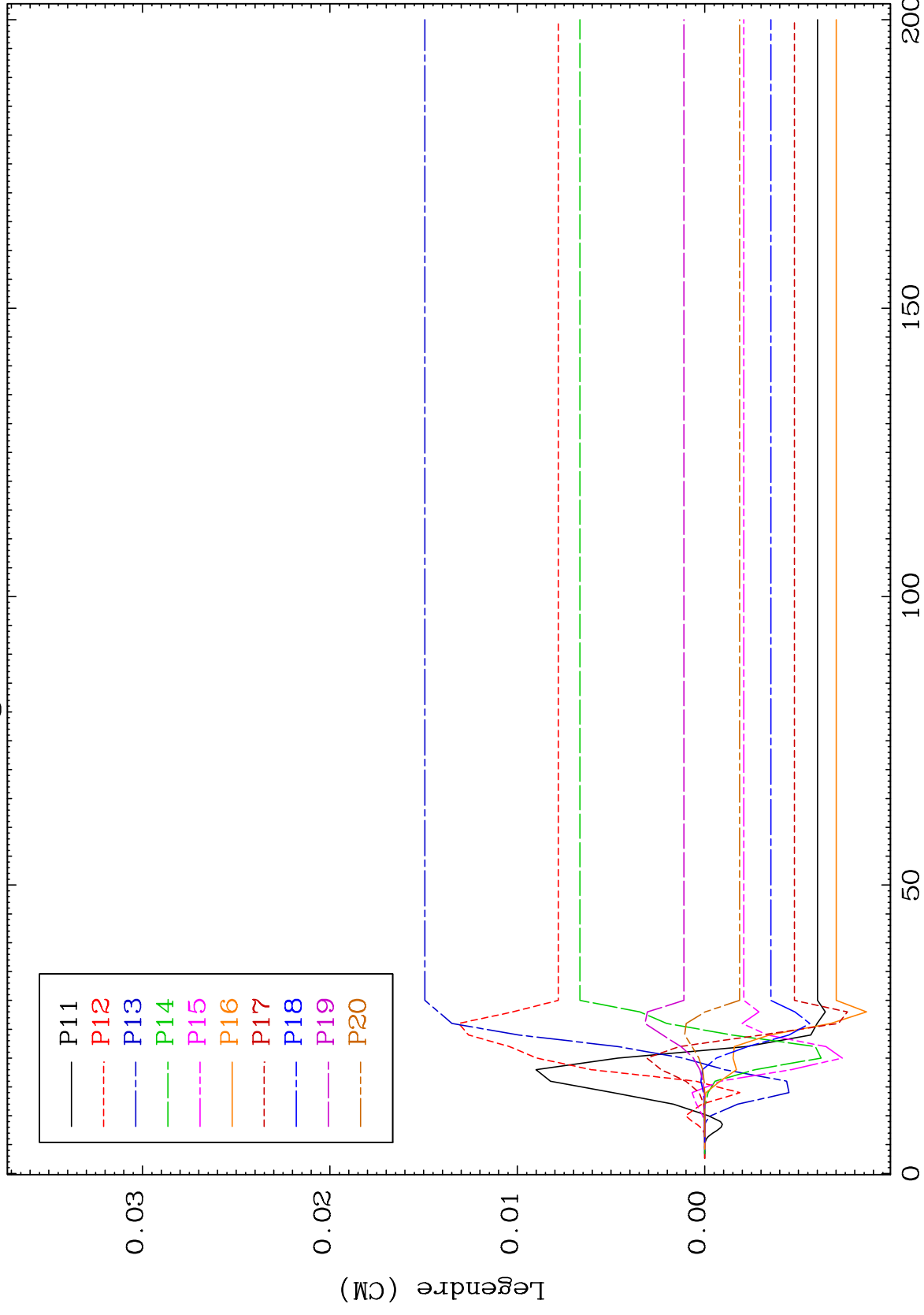




MAT 8031

1.835 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



69

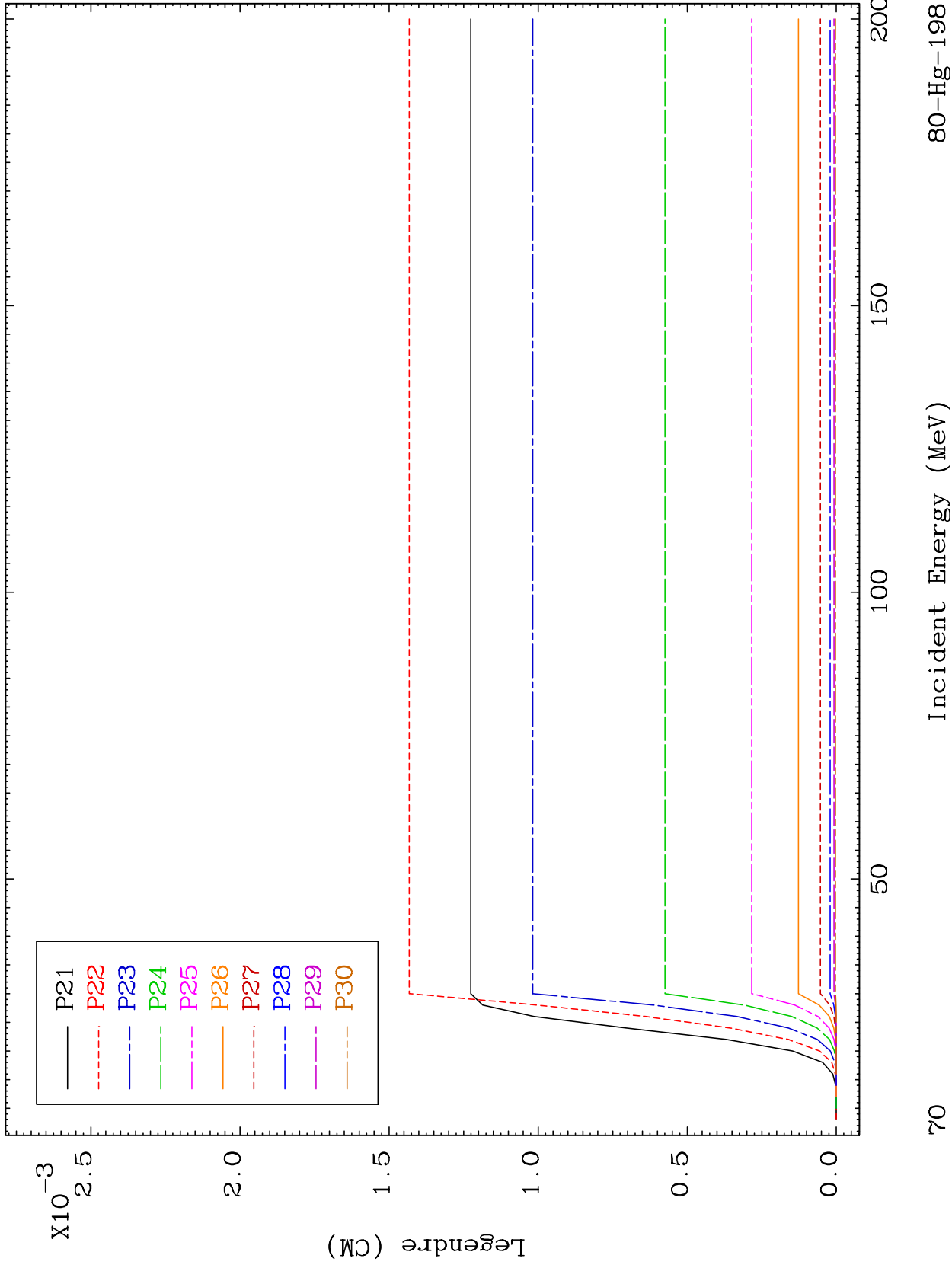
Incident Energy (MeV)

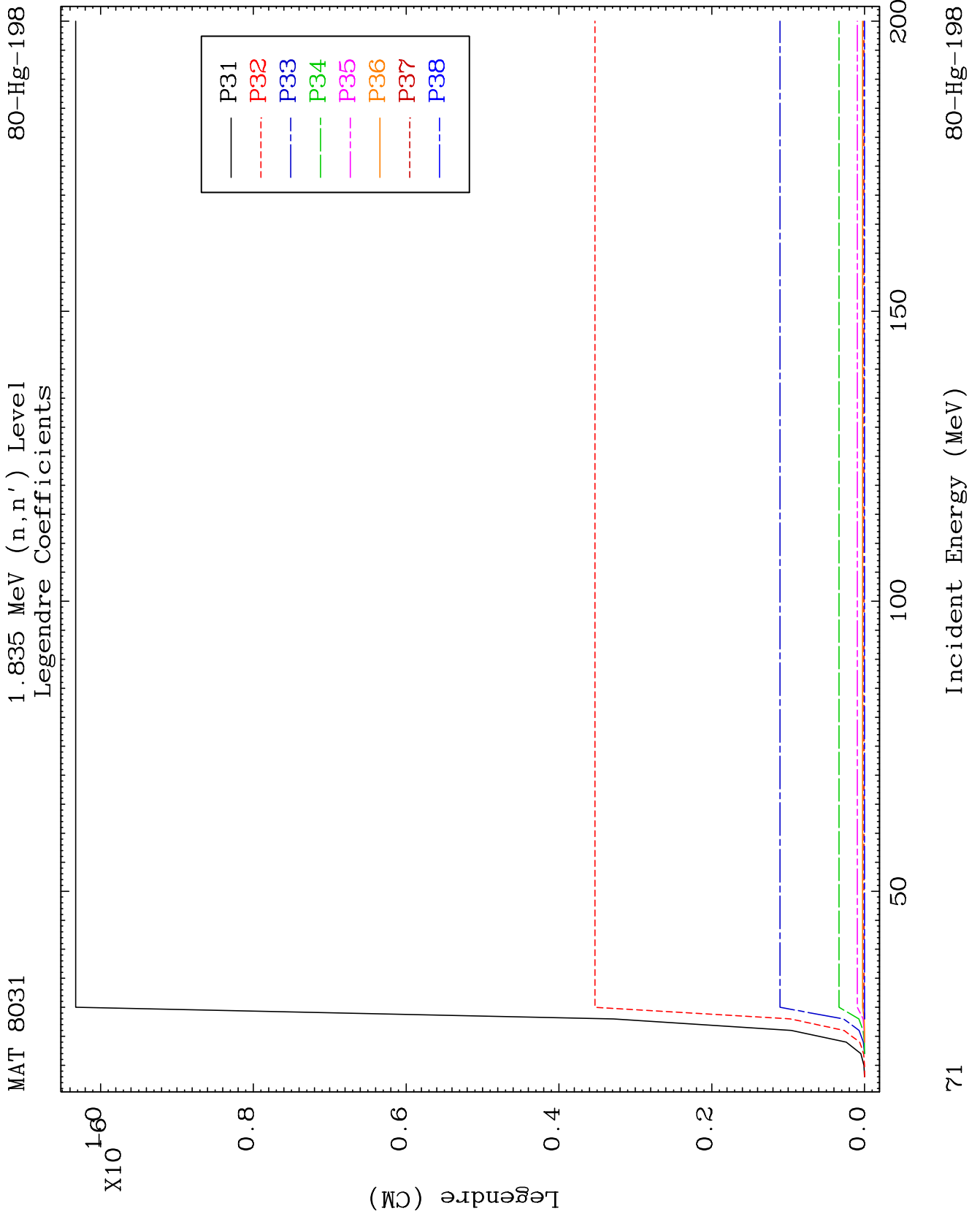
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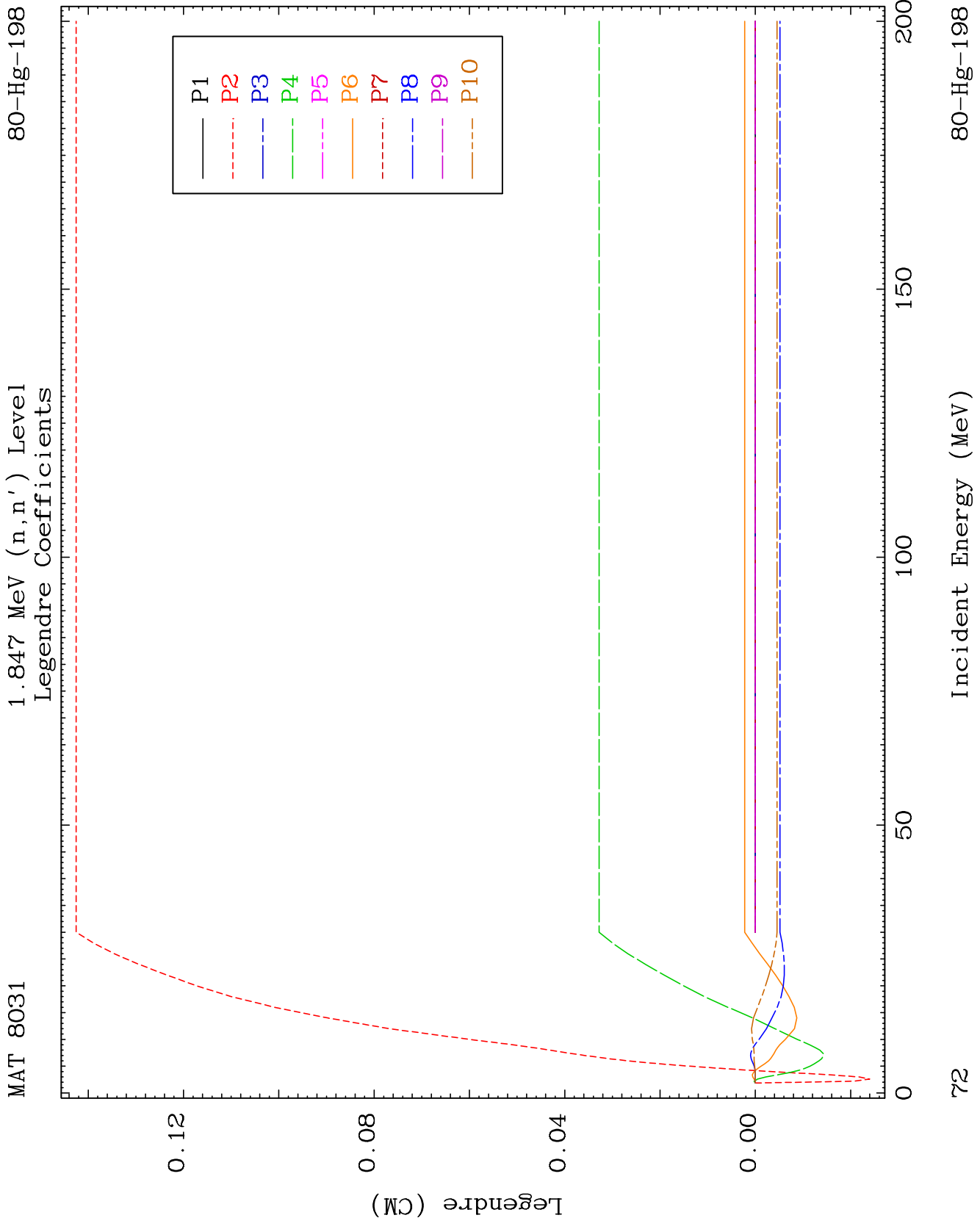
MAT 8031

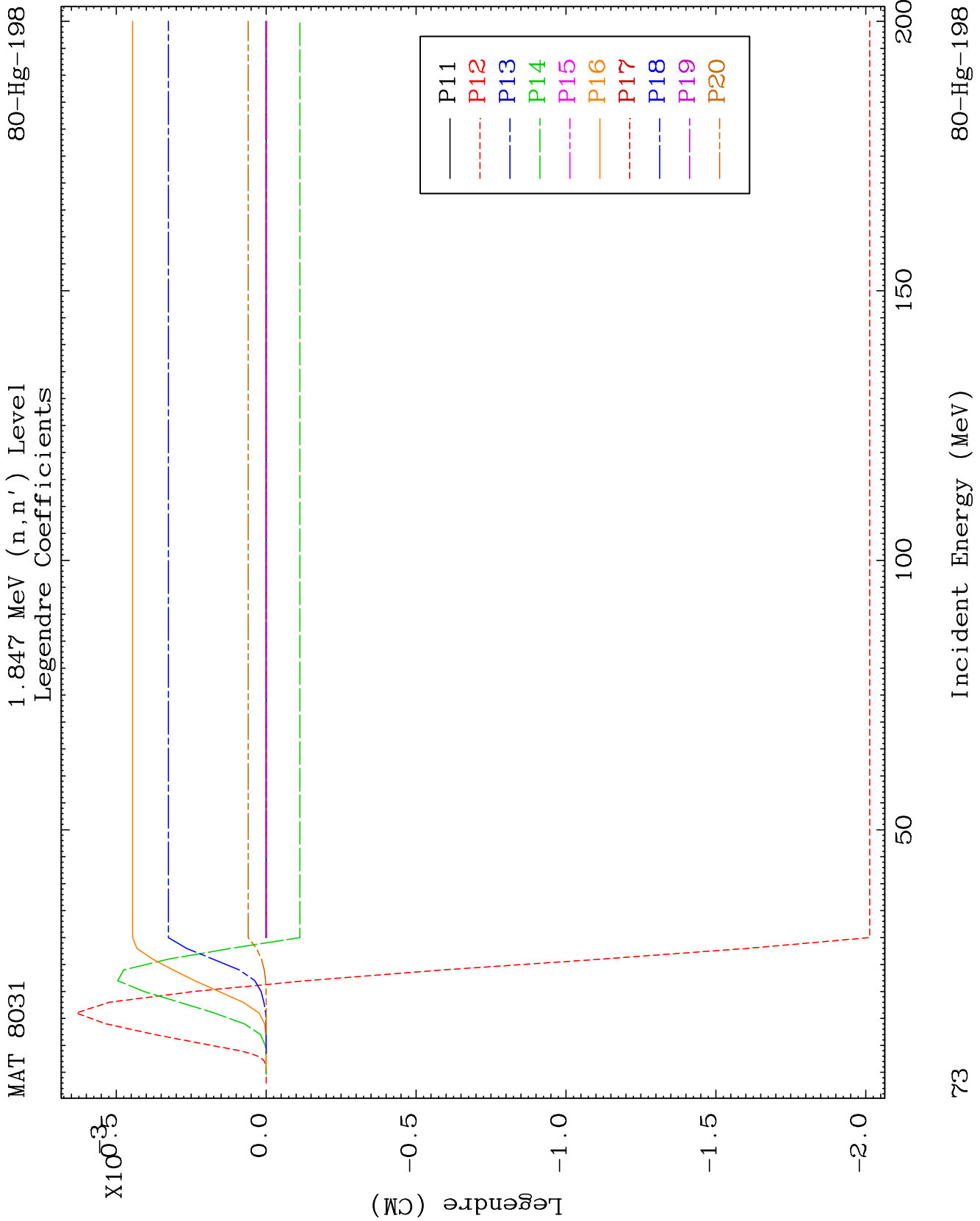
1.835 MeV (n,n') Level
Legendre Coefficients

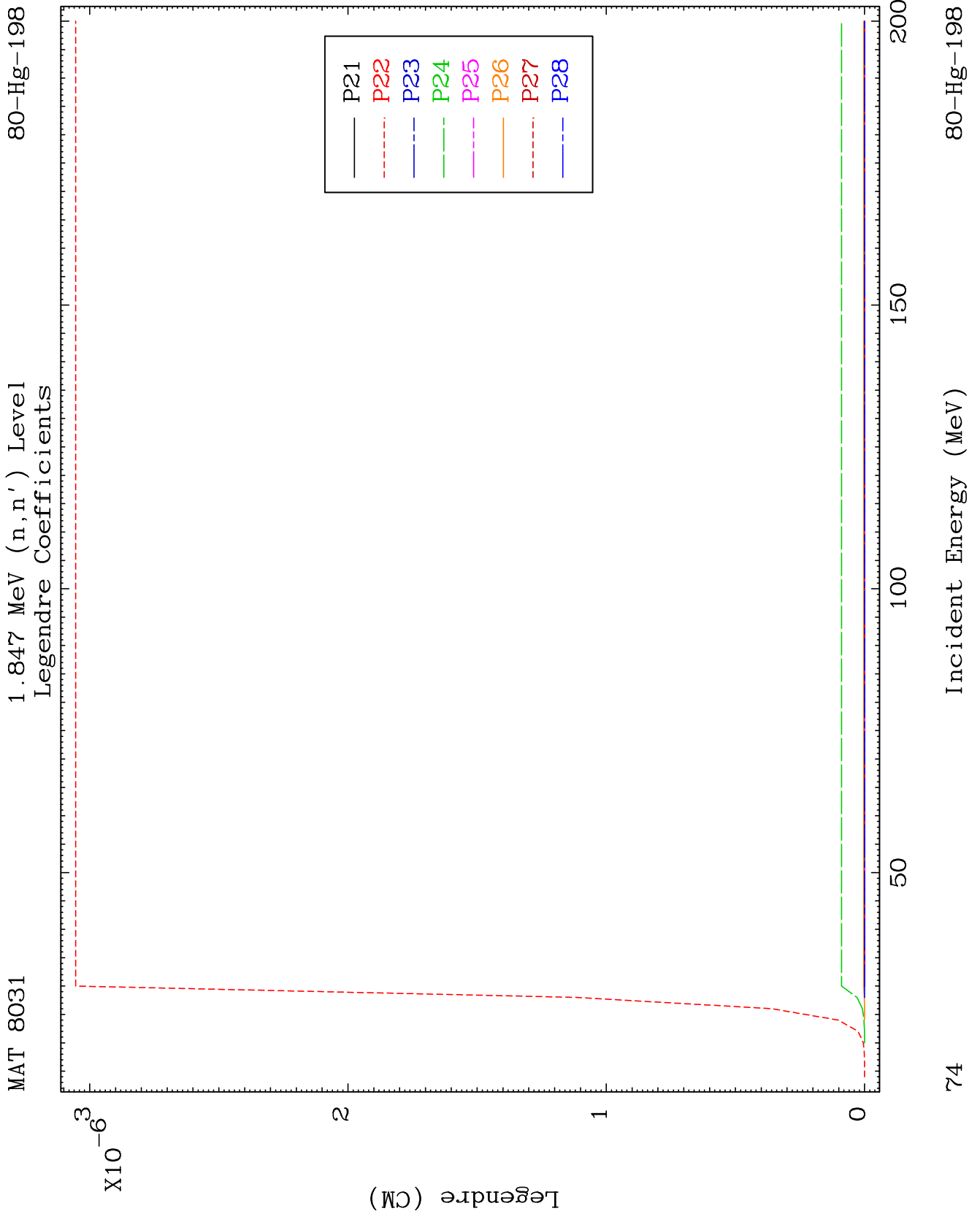
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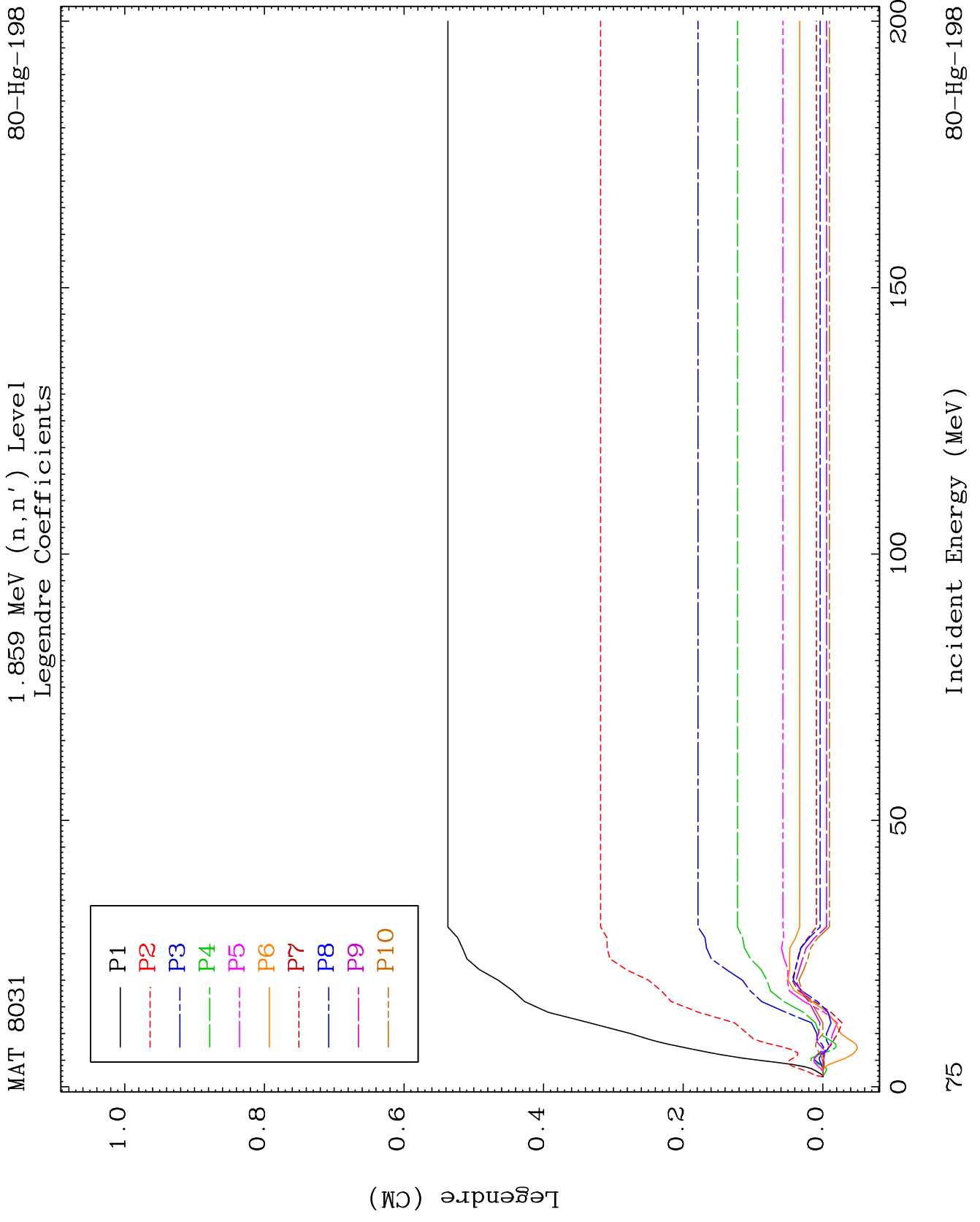








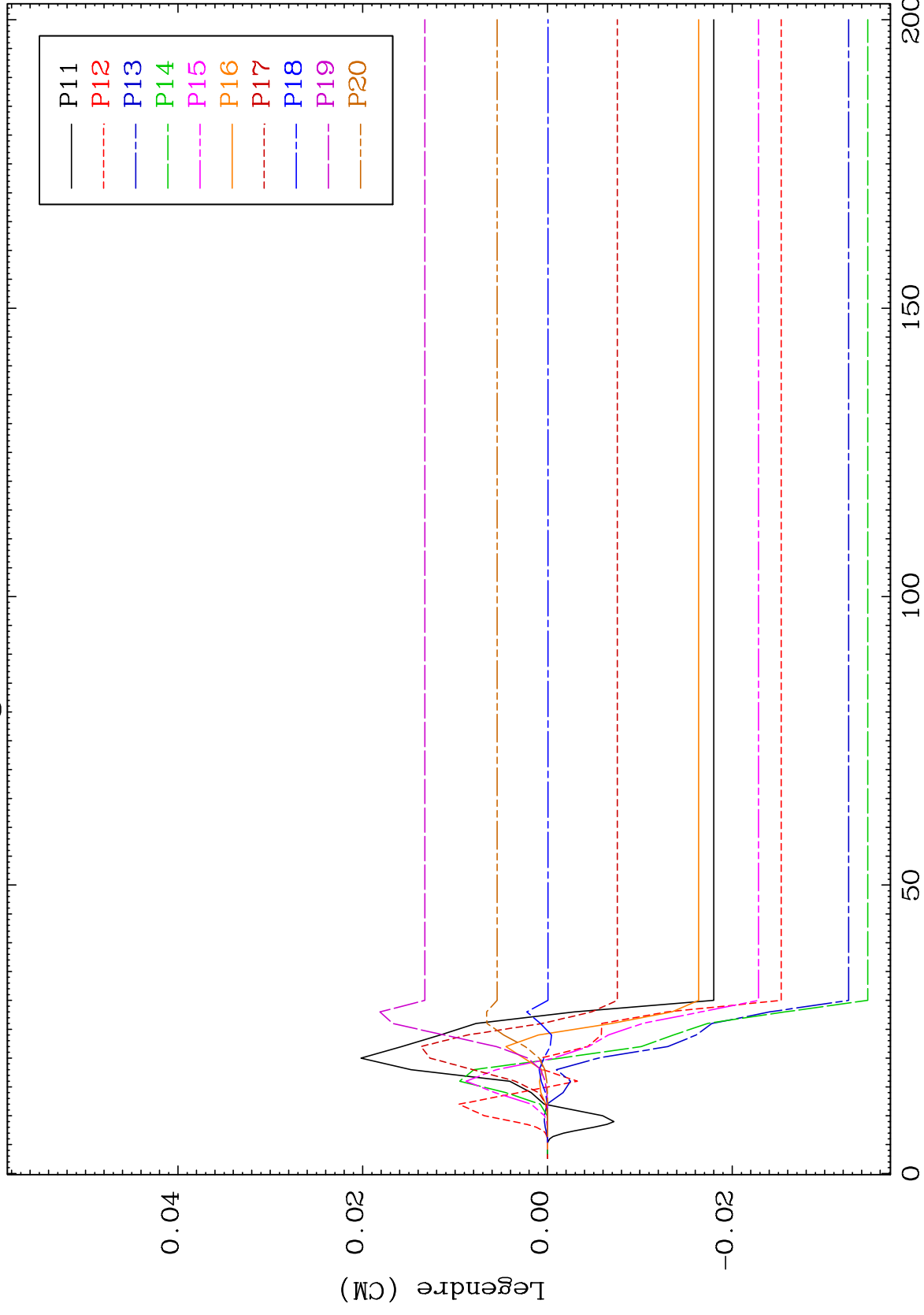




MAT 8031

1.859 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



76

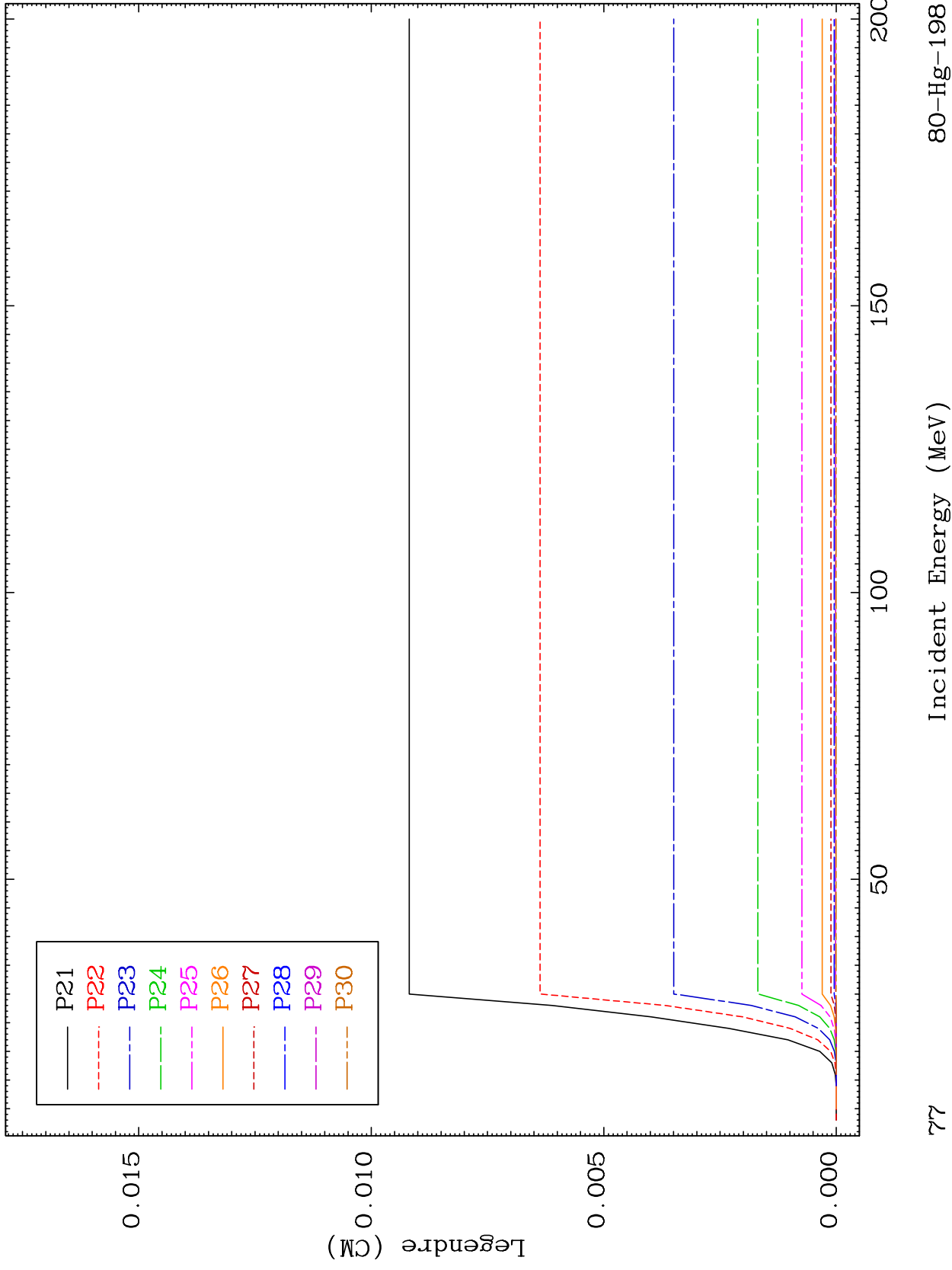
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.859 MeV (n, n') Level
Legendre Coefficients

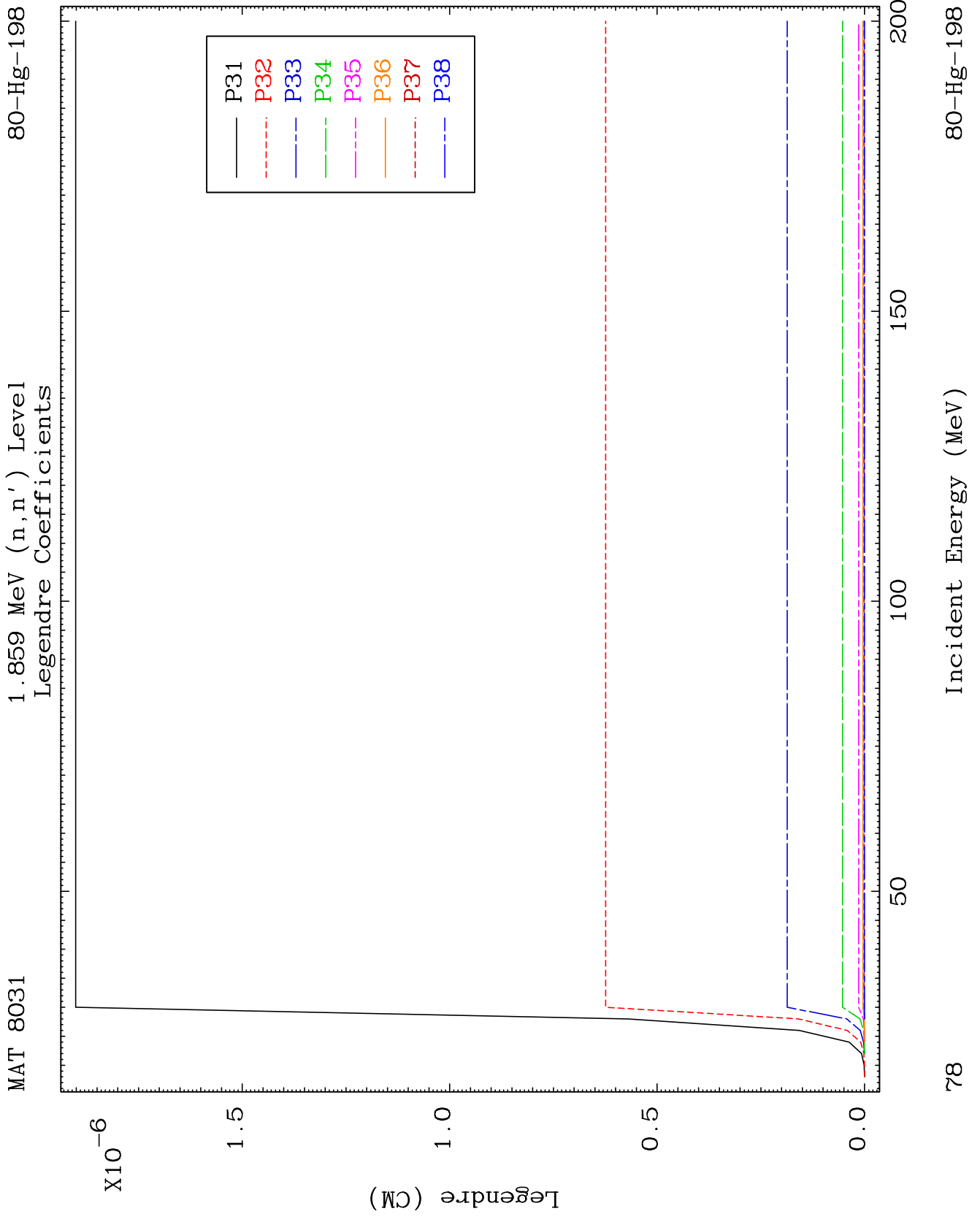
80-Hg-198



77

Incident Energy (MeV)

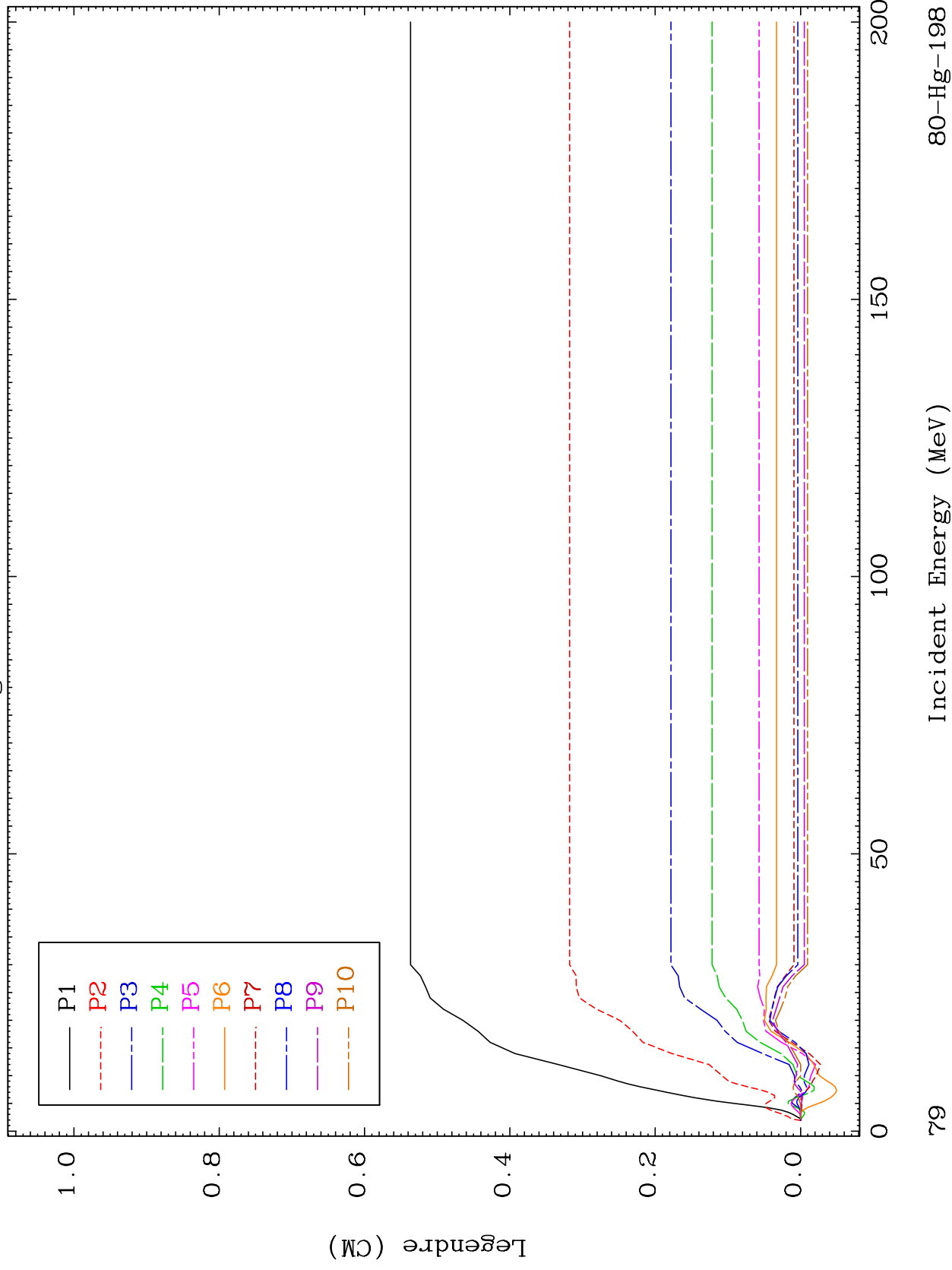
80-Hg-198



MAT 8031

1.899 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



79

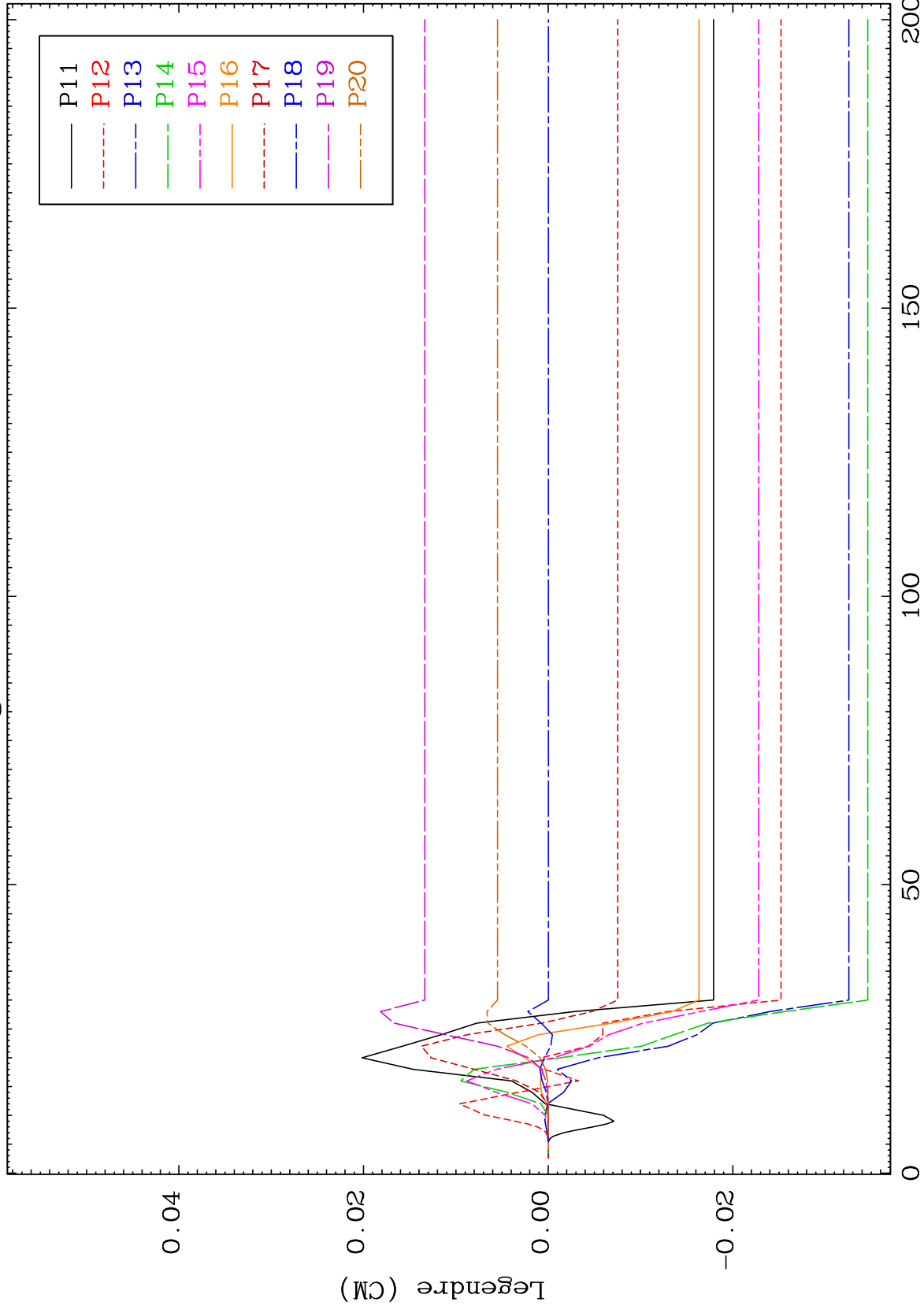
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.899 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



80

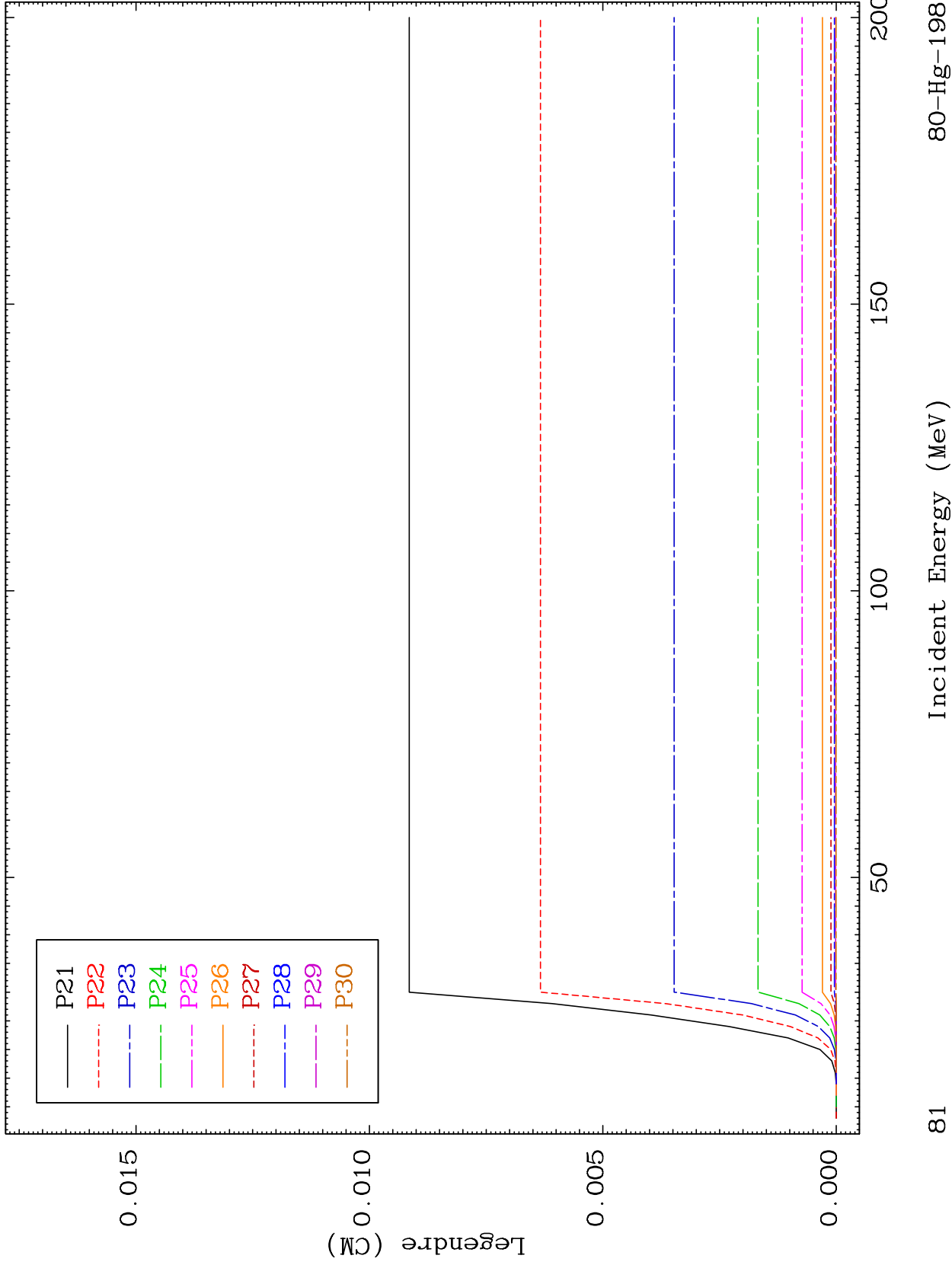
Incident Energy (MeV)

80-Hg-198

MAT 8031

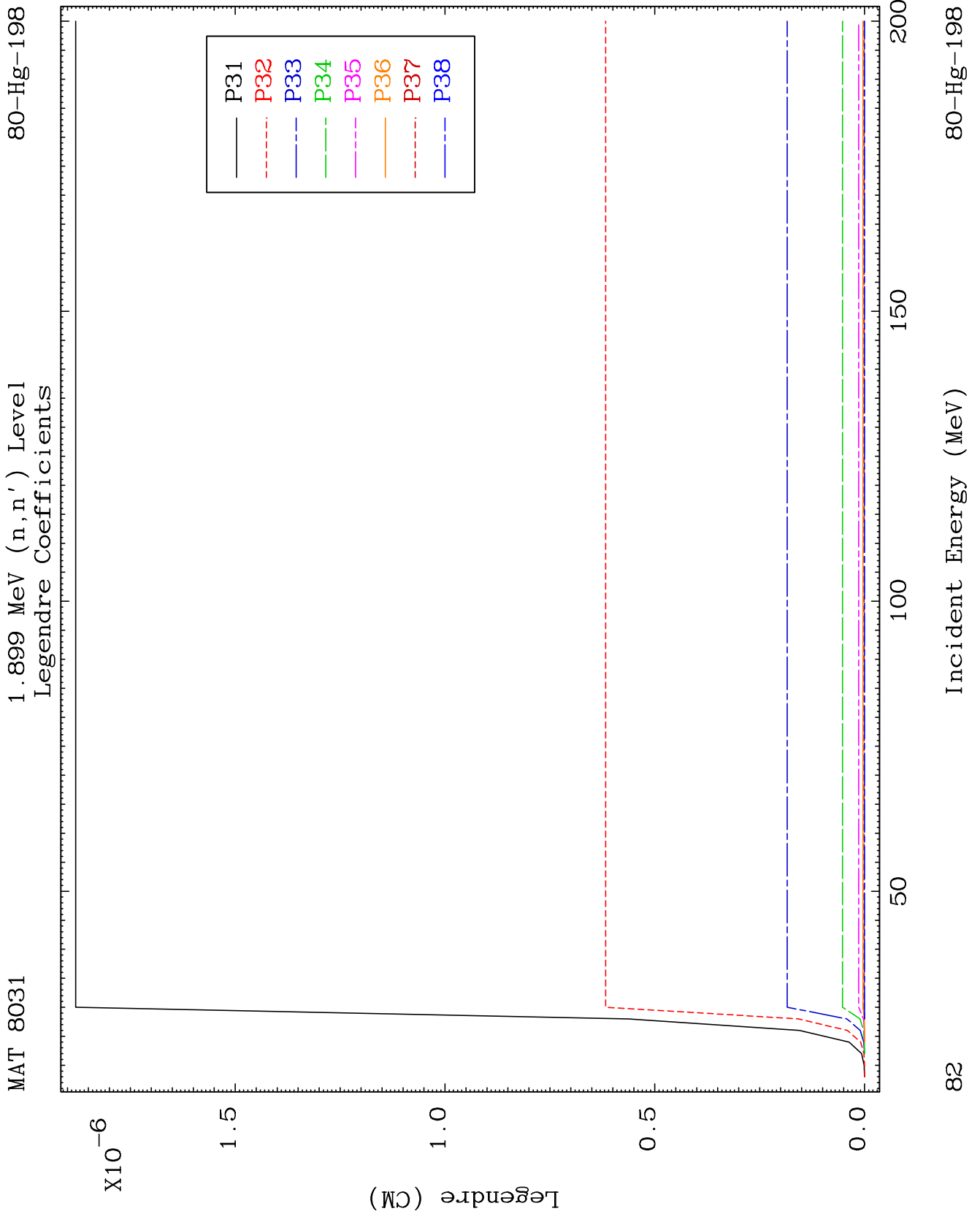
1.899 MeV (n, n') Level
Legendre Coefficients

80-Hg-198



81

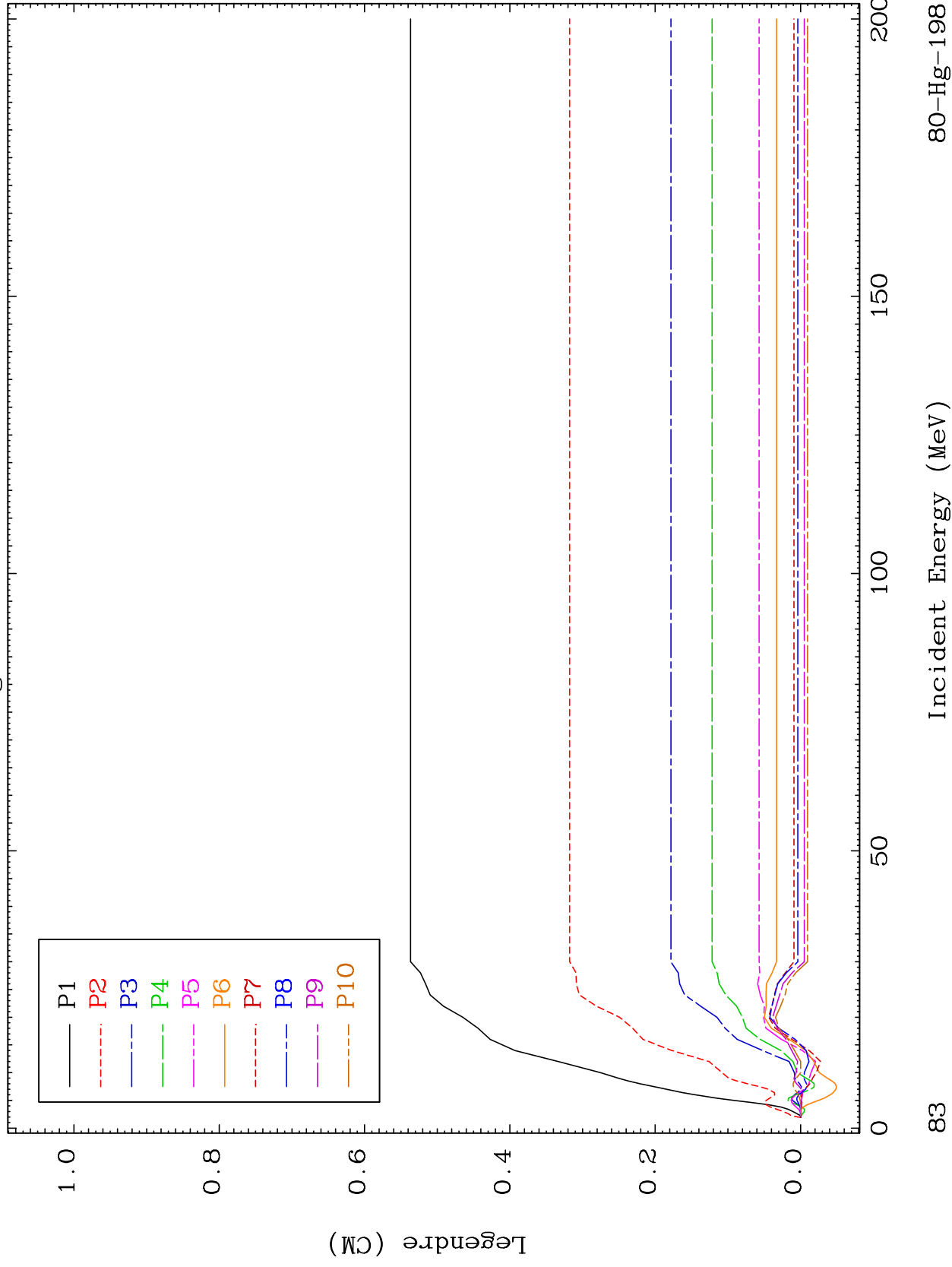
80-Hg-198



MAT 8031

1.902 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



83

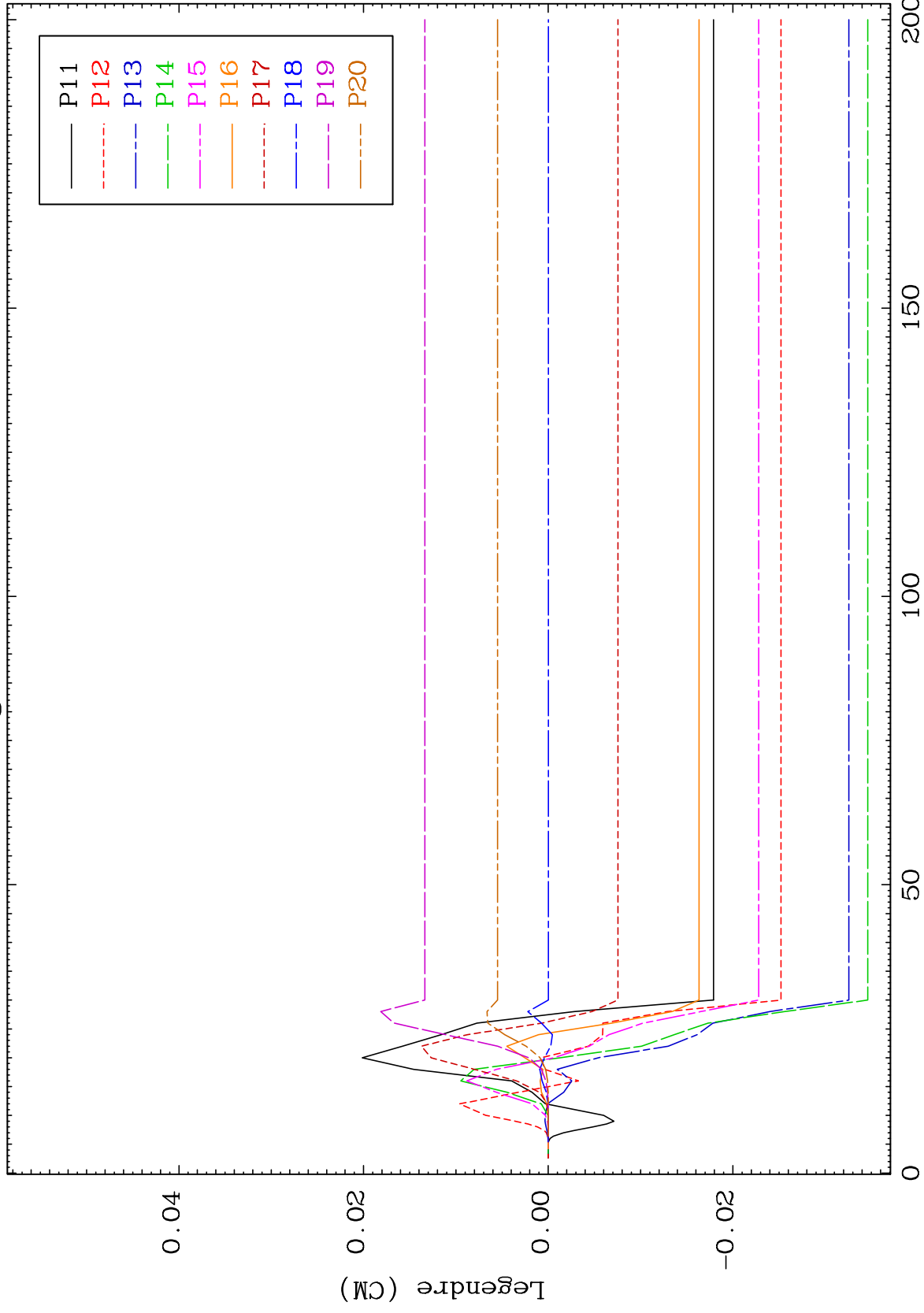
Incident Energy (MeV)

80-Hg-198

MAT 8031

1.902 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



84

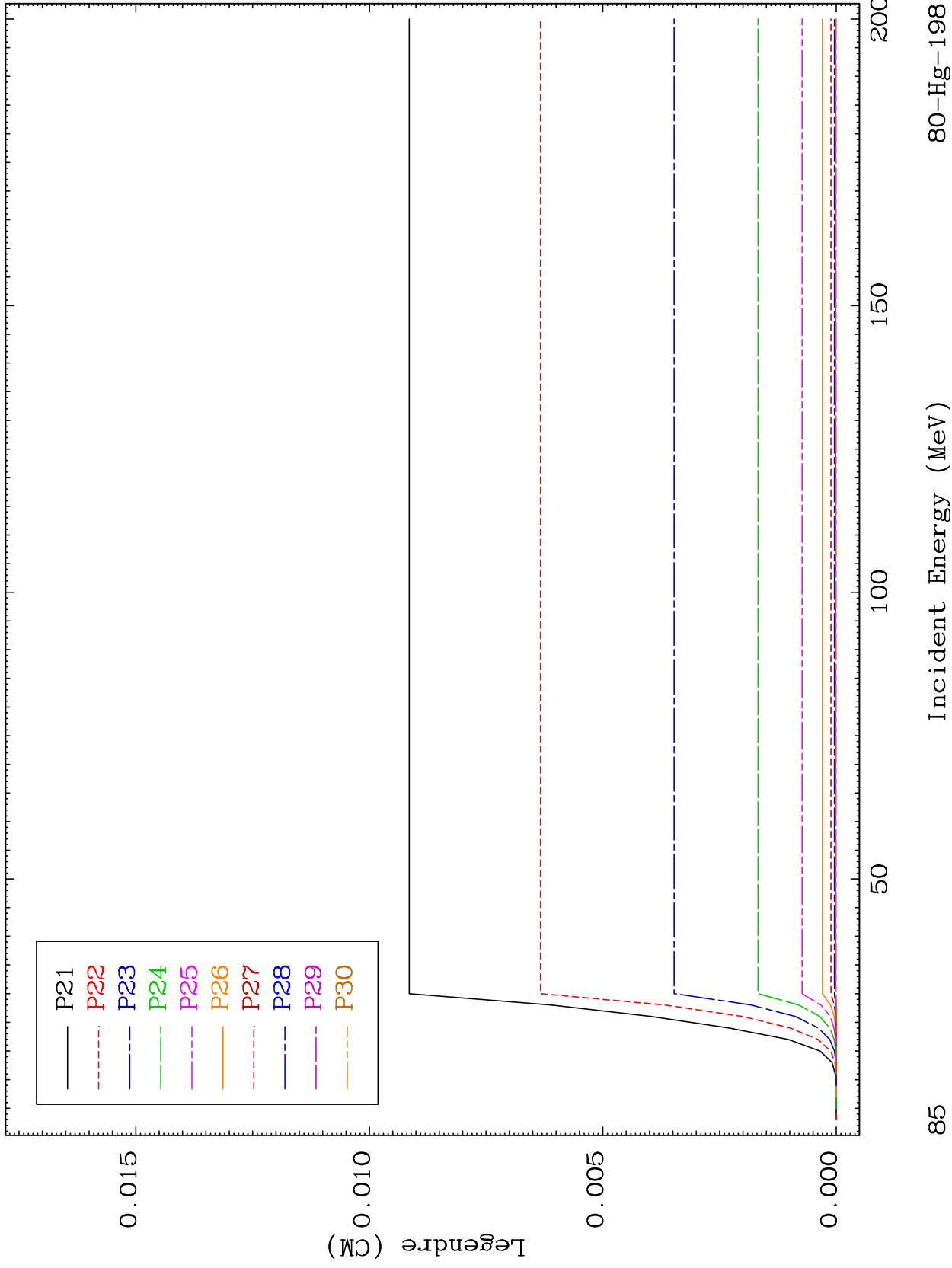
Incident Energy (MeV)

80-Hg-198

MAT 8031

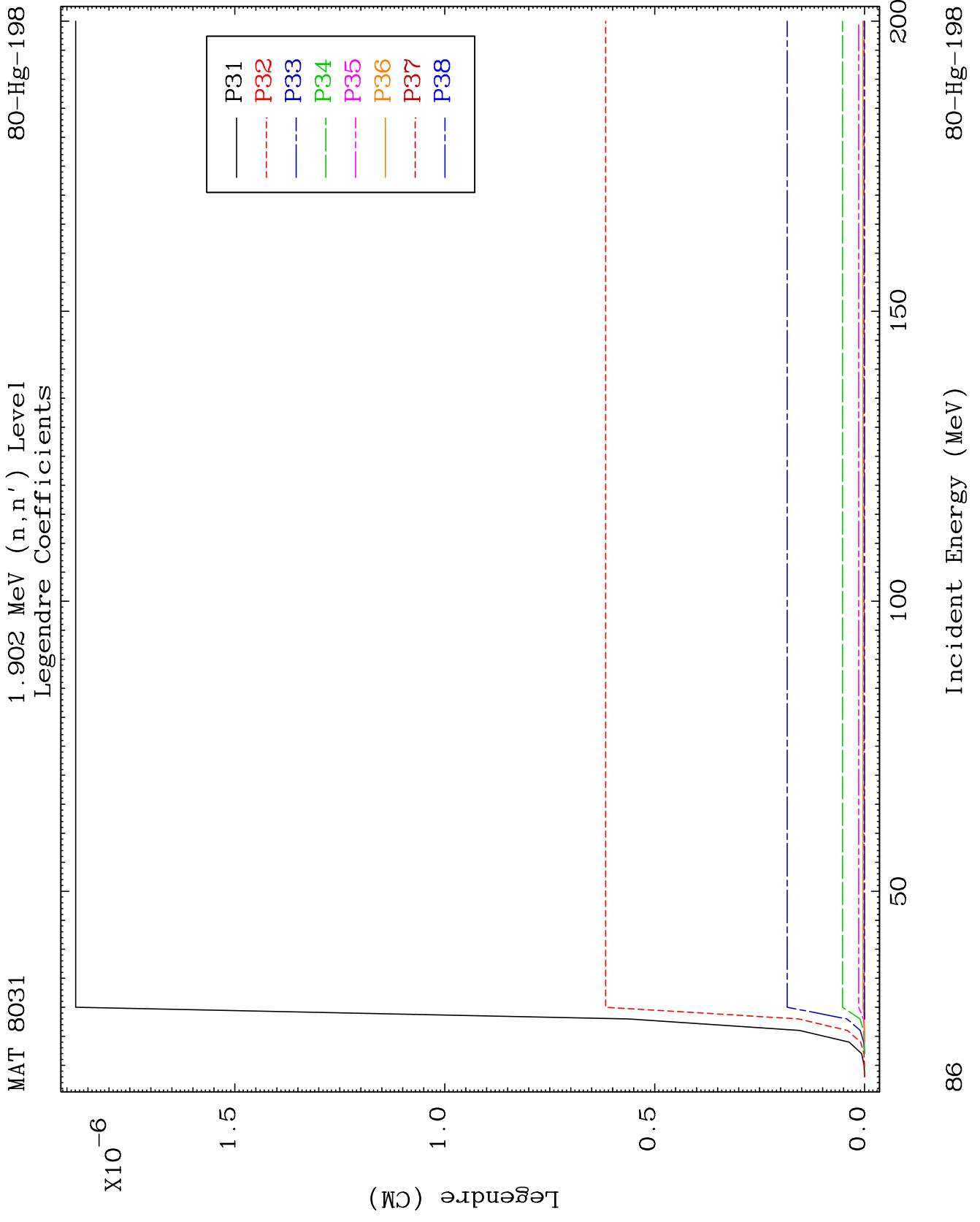
1.902 MeV (n,n') Level
Legendre Coefficients

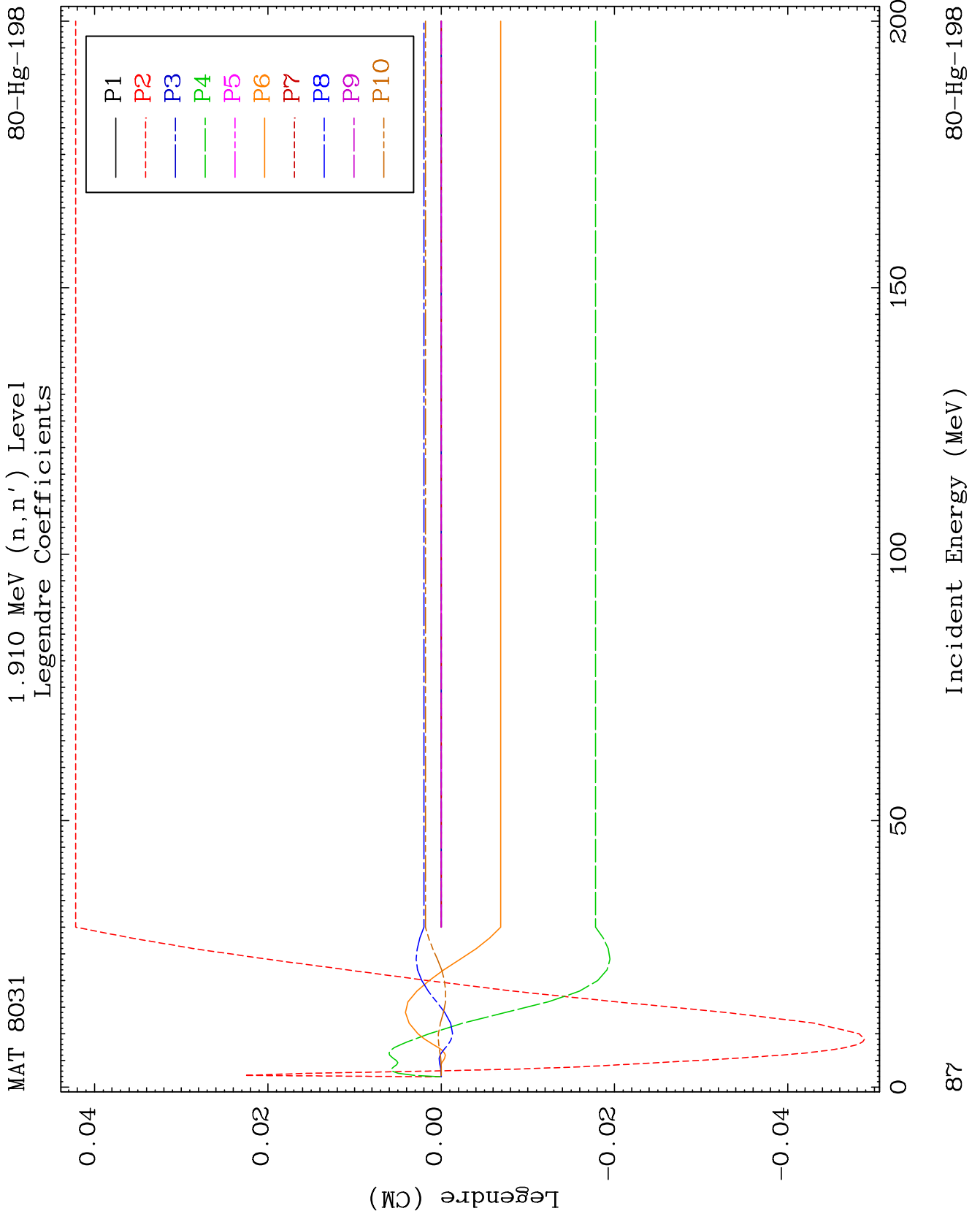
80-Hg-198

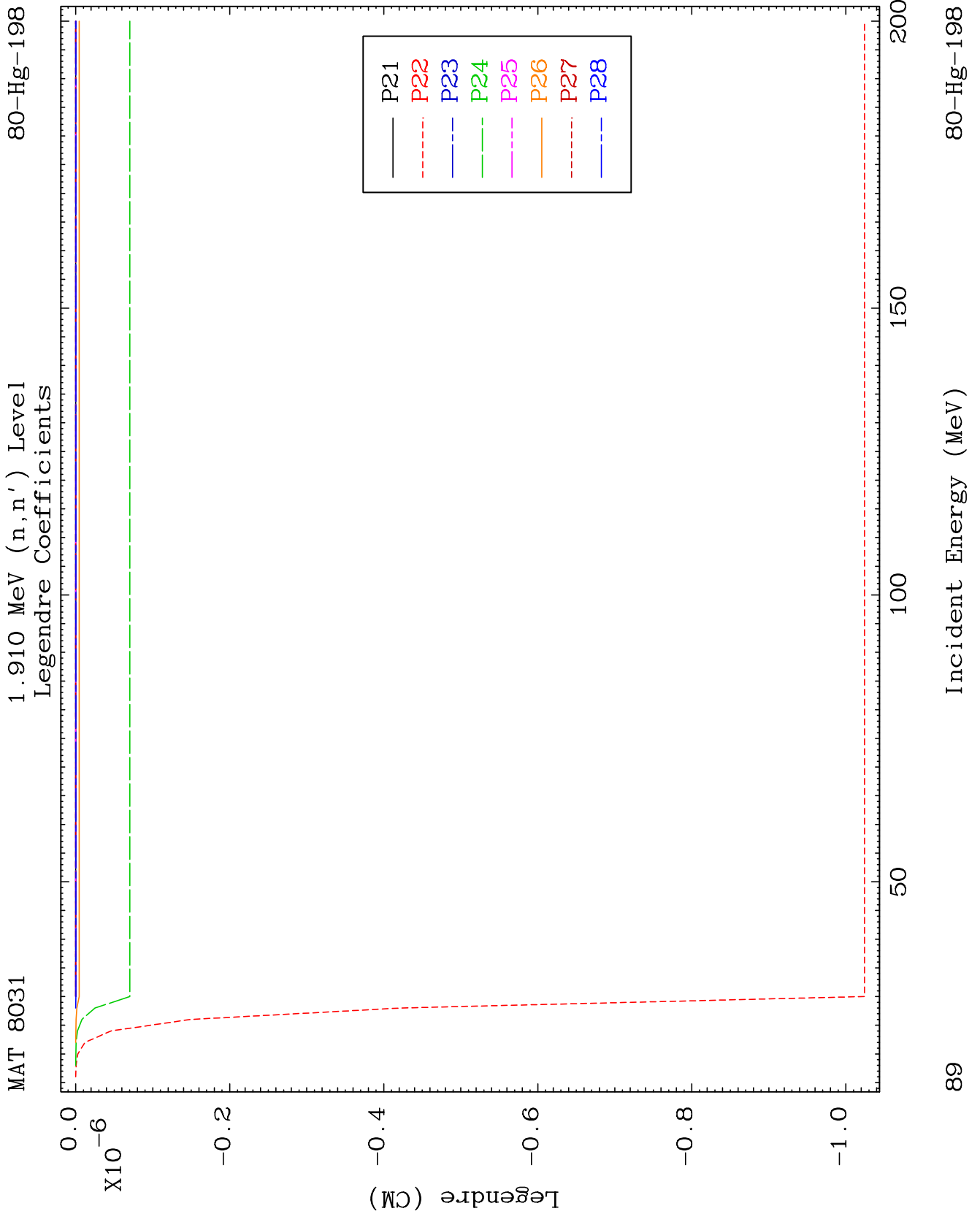


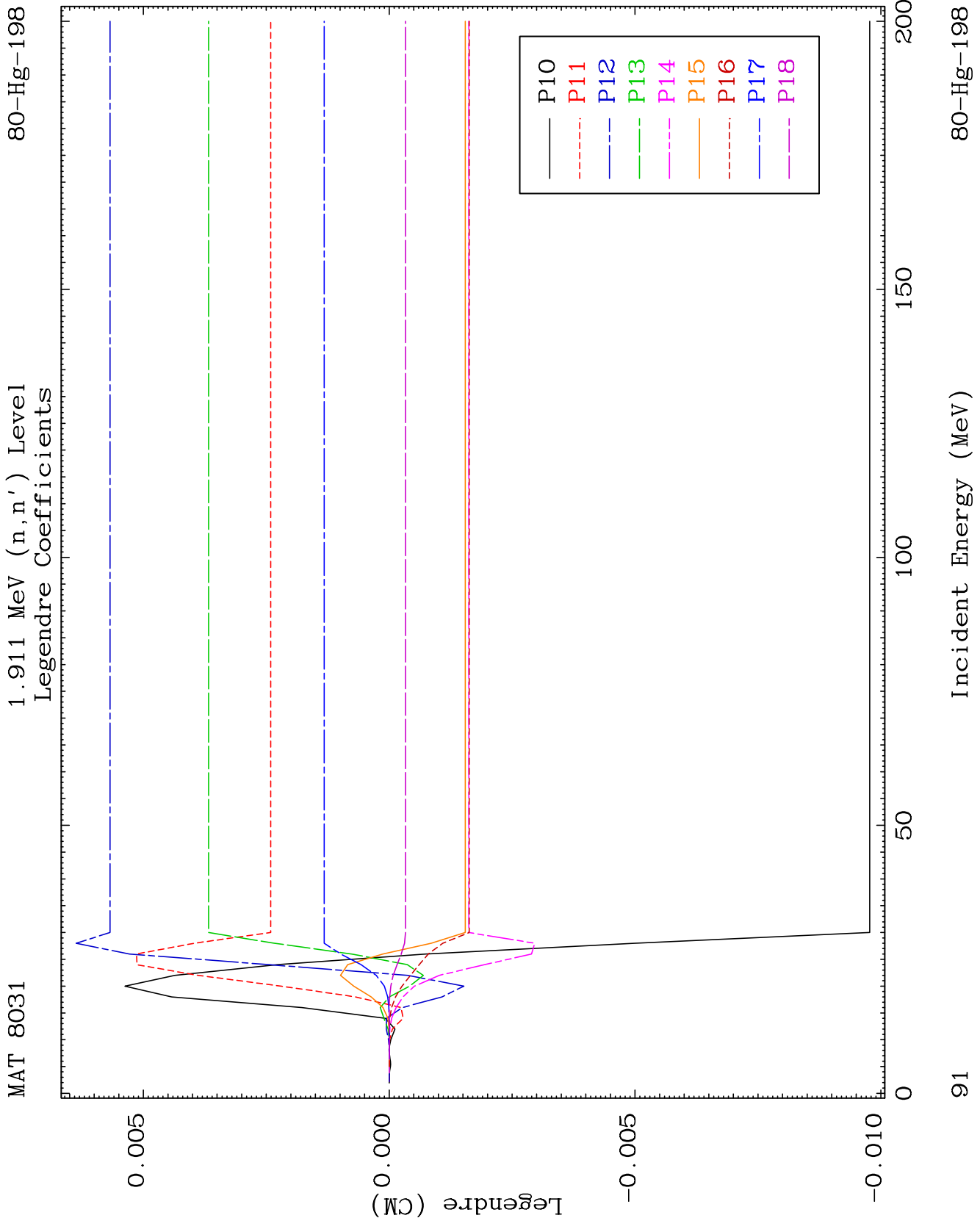
85

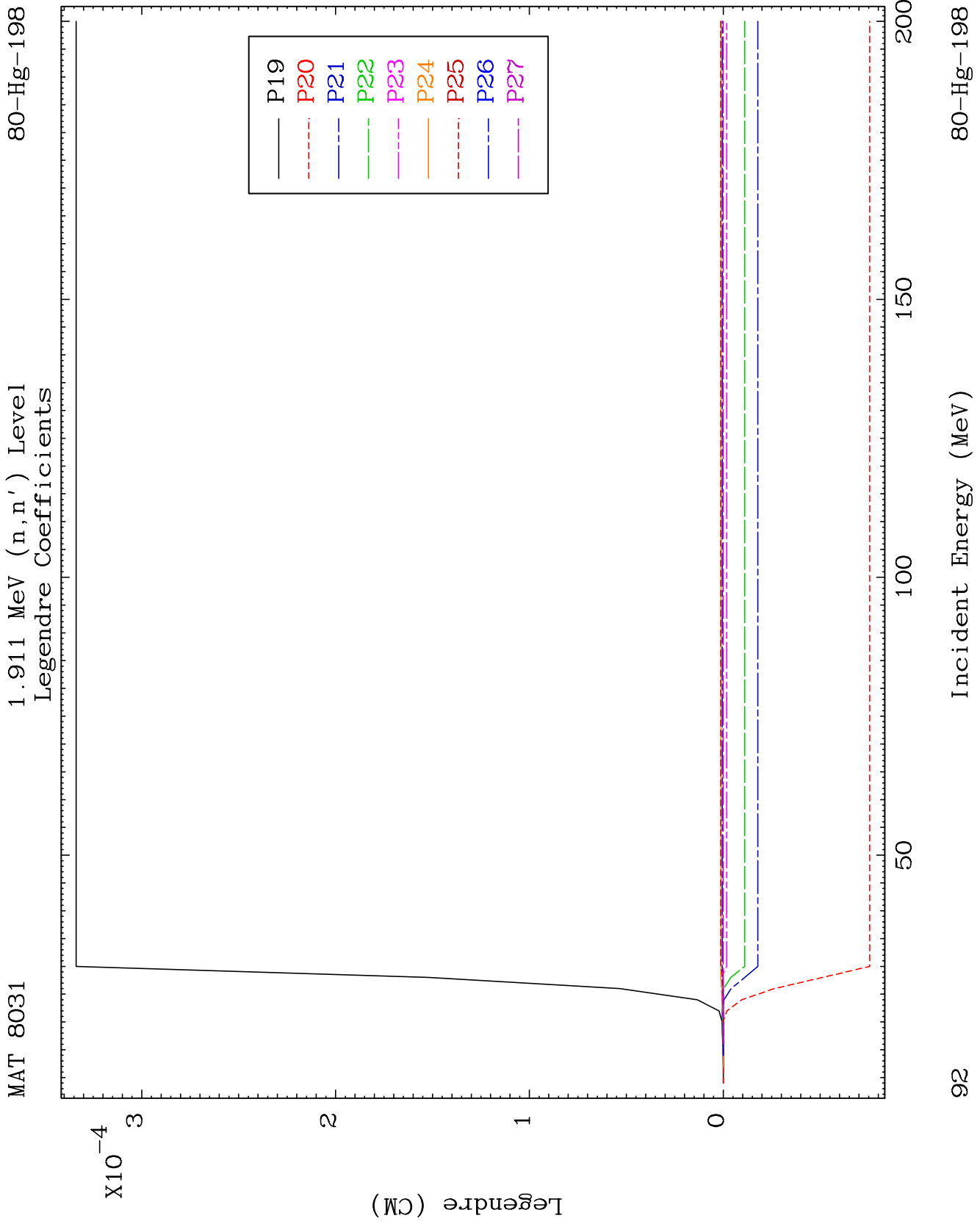
80-Hg-198

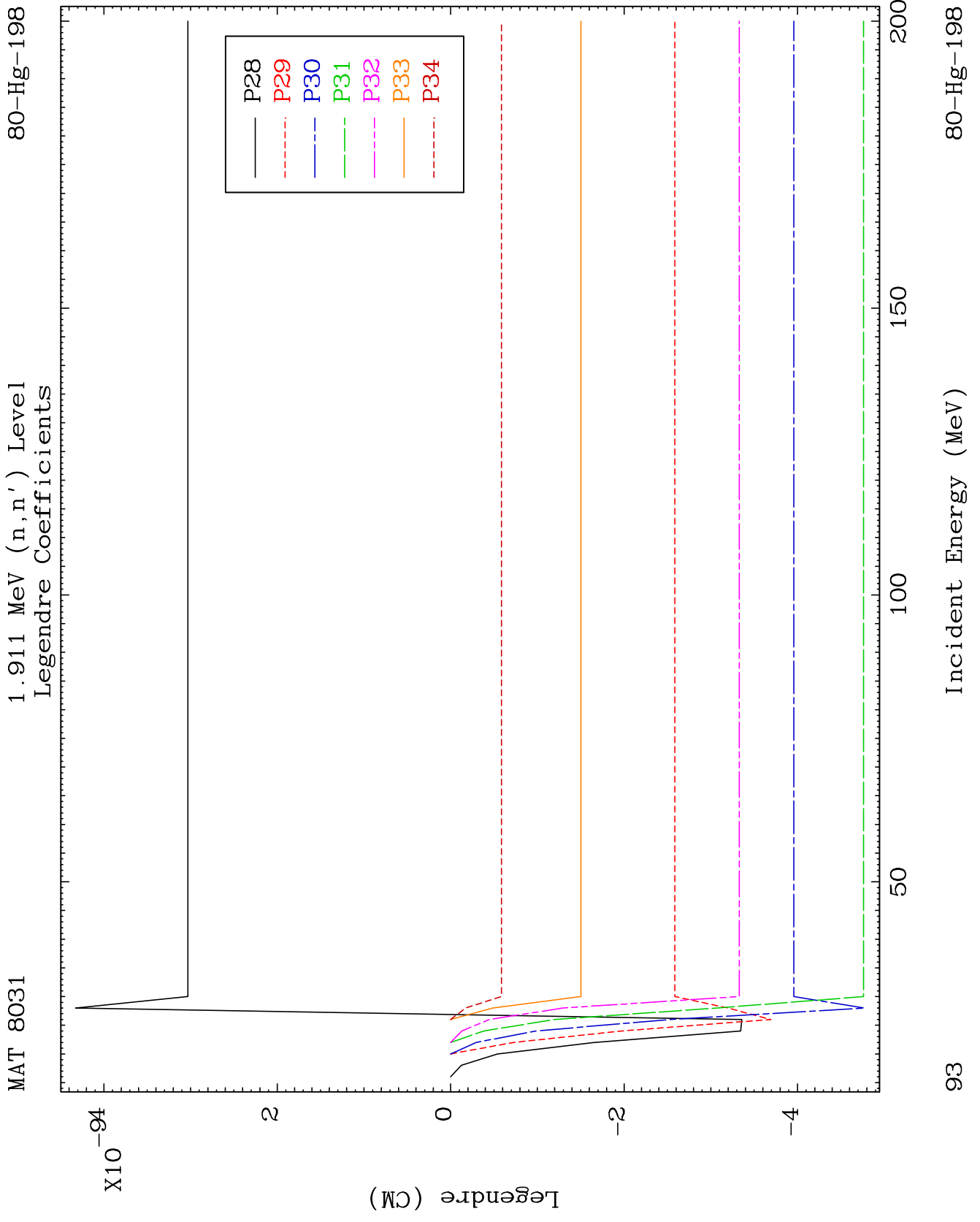


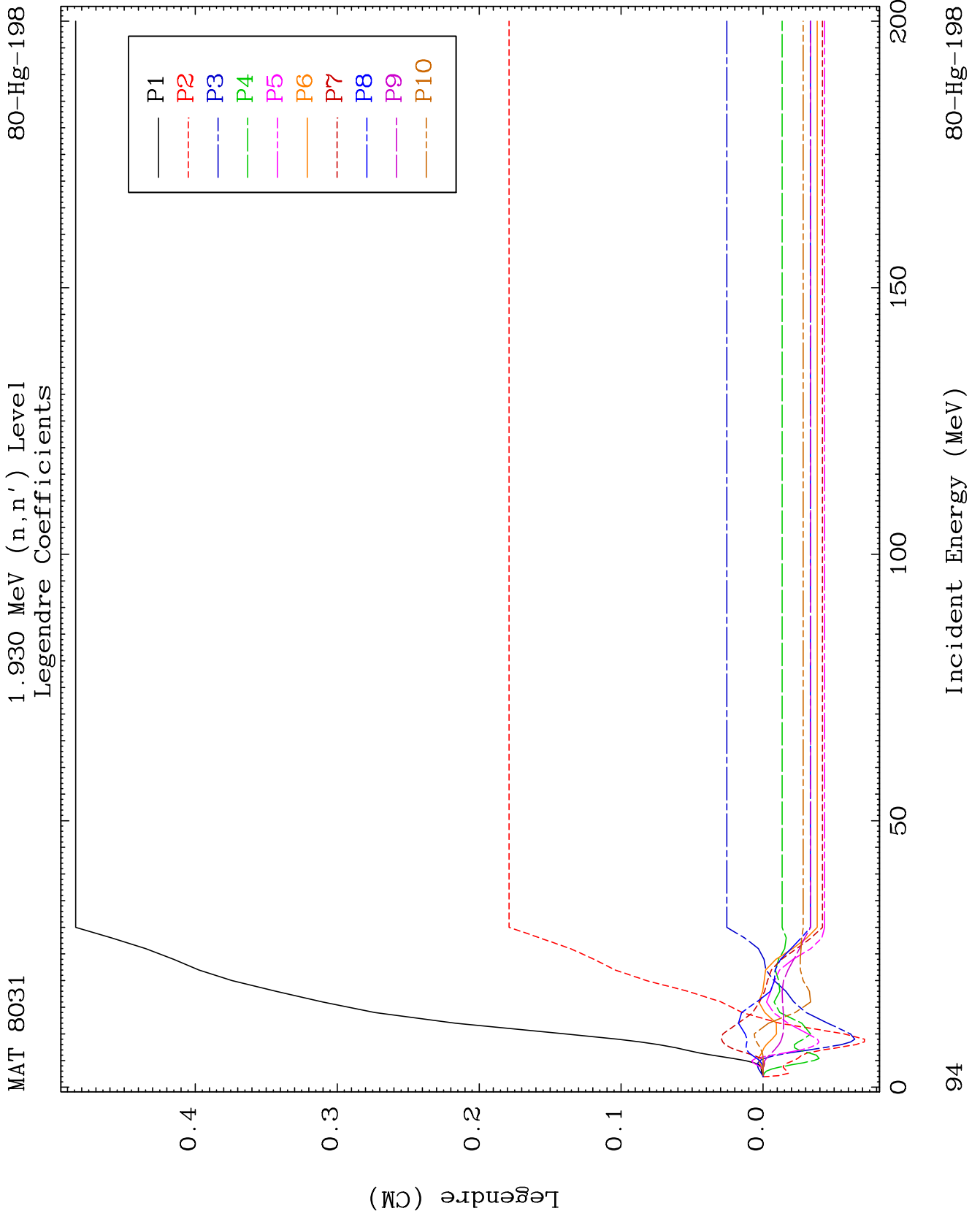








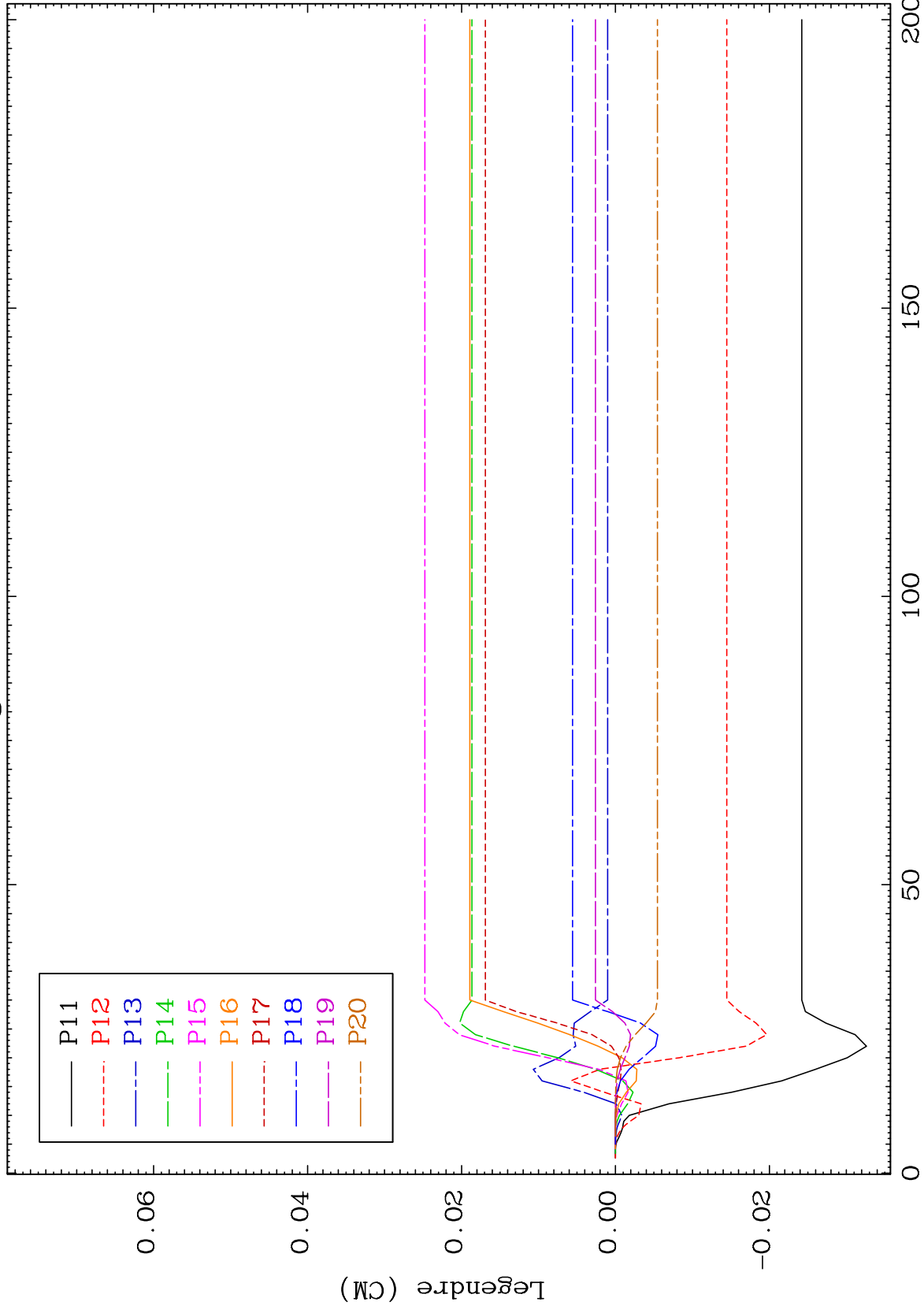




MAT 8031

1.930 MeV (n,n') Level
Legendre Coefficients

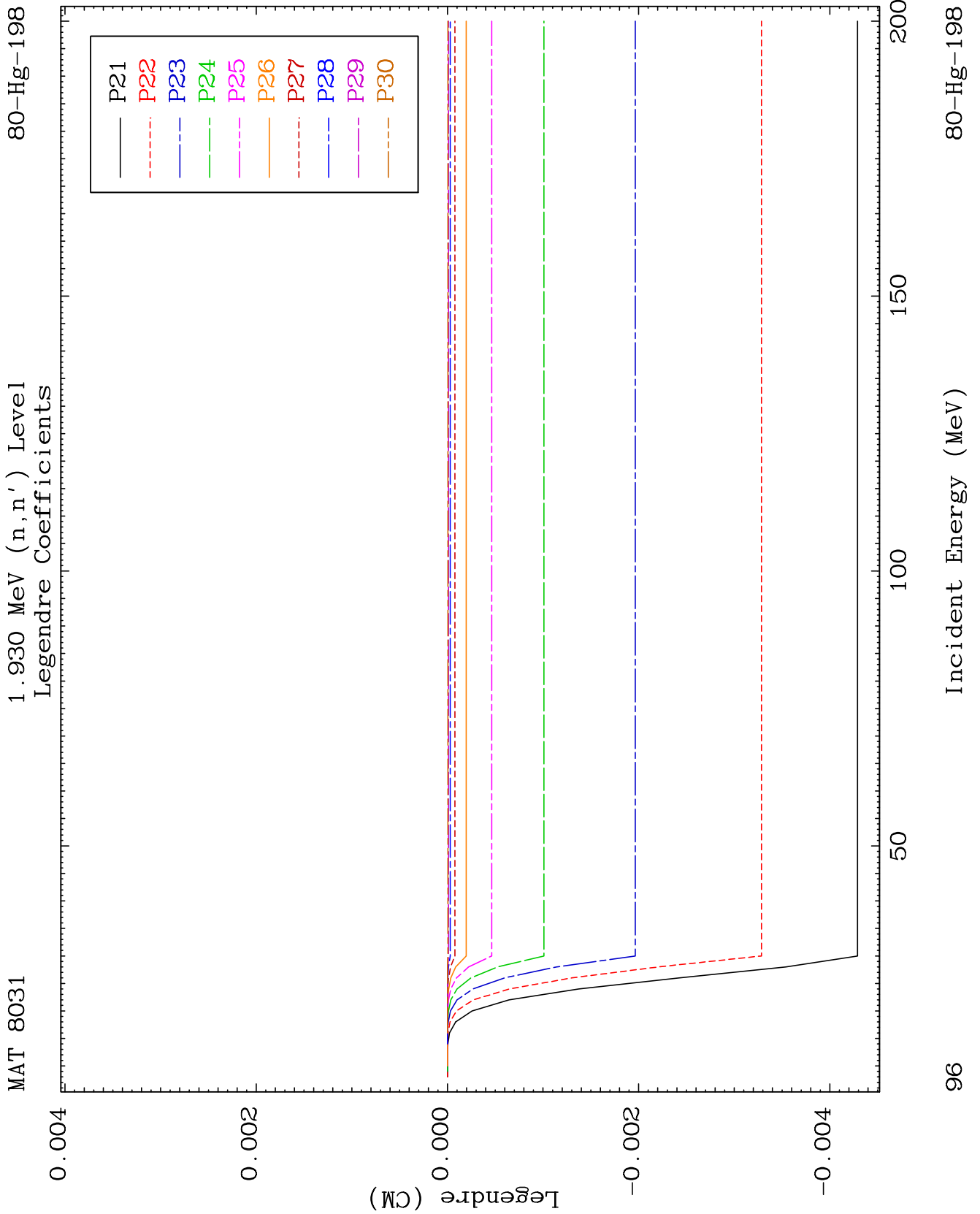
80-Hg-198

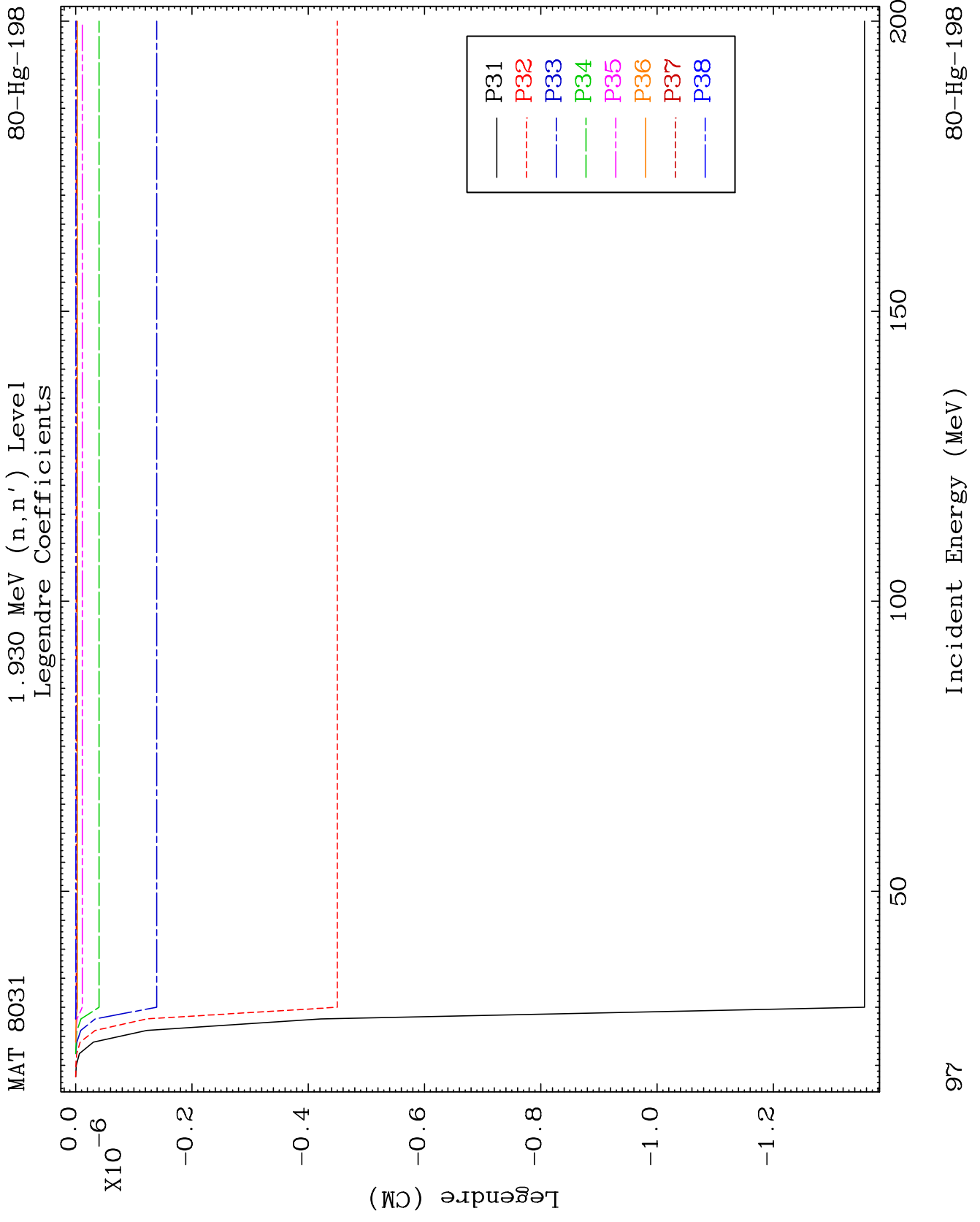


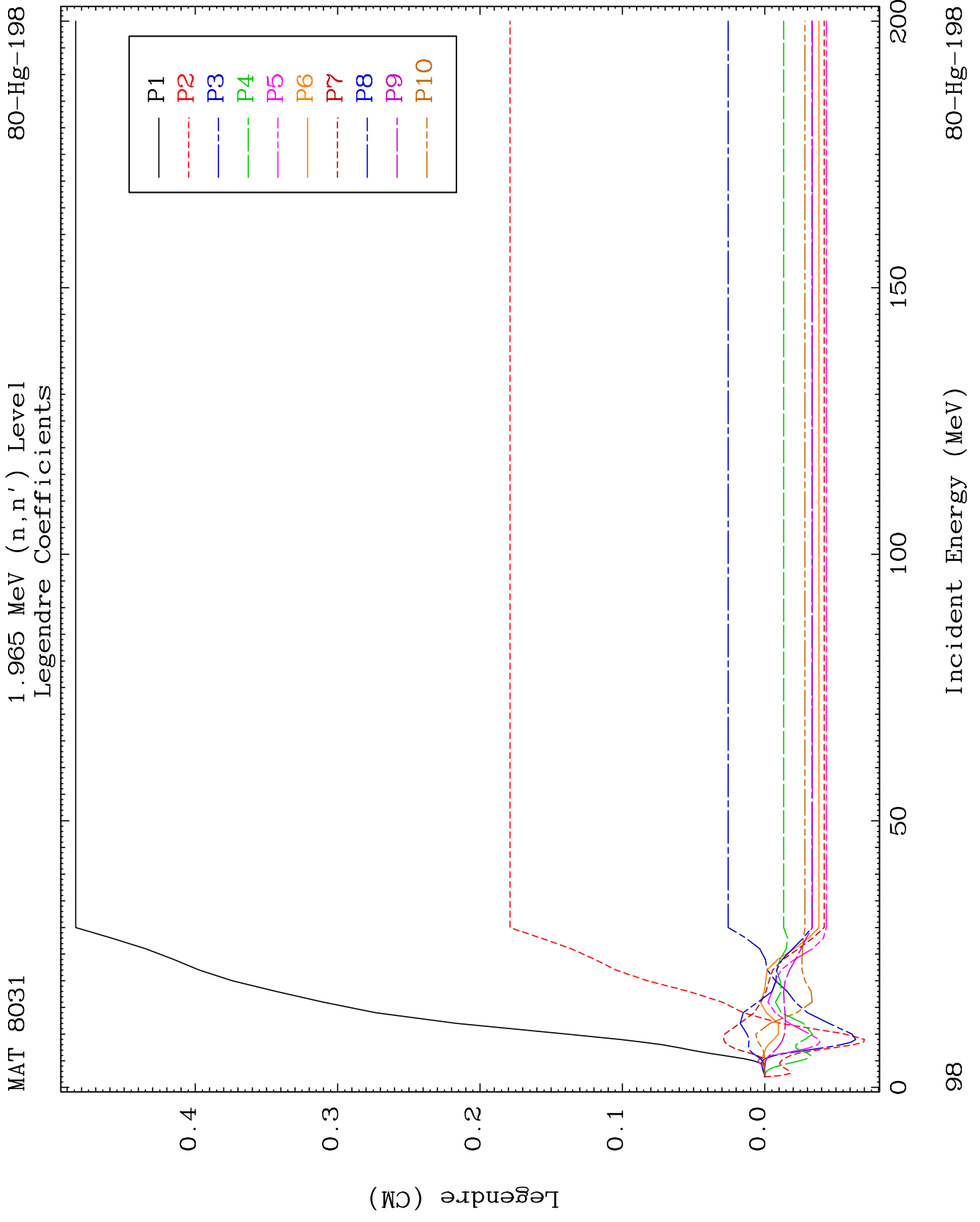
95

Incident Energy (MeV)

80-Hg-198



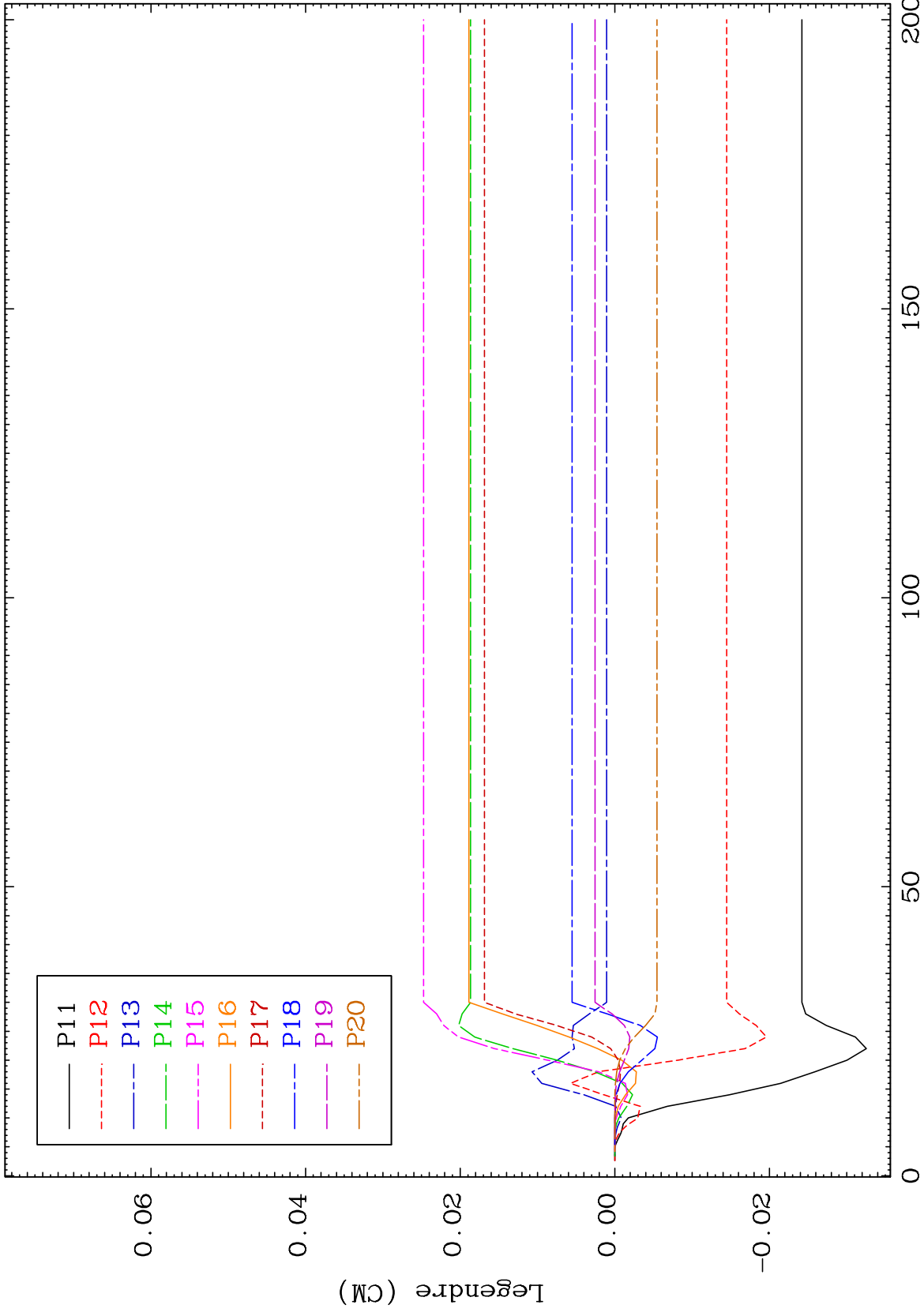




MAT 8031

1.965 MeV (n,n') Level
Legendre Coefficients

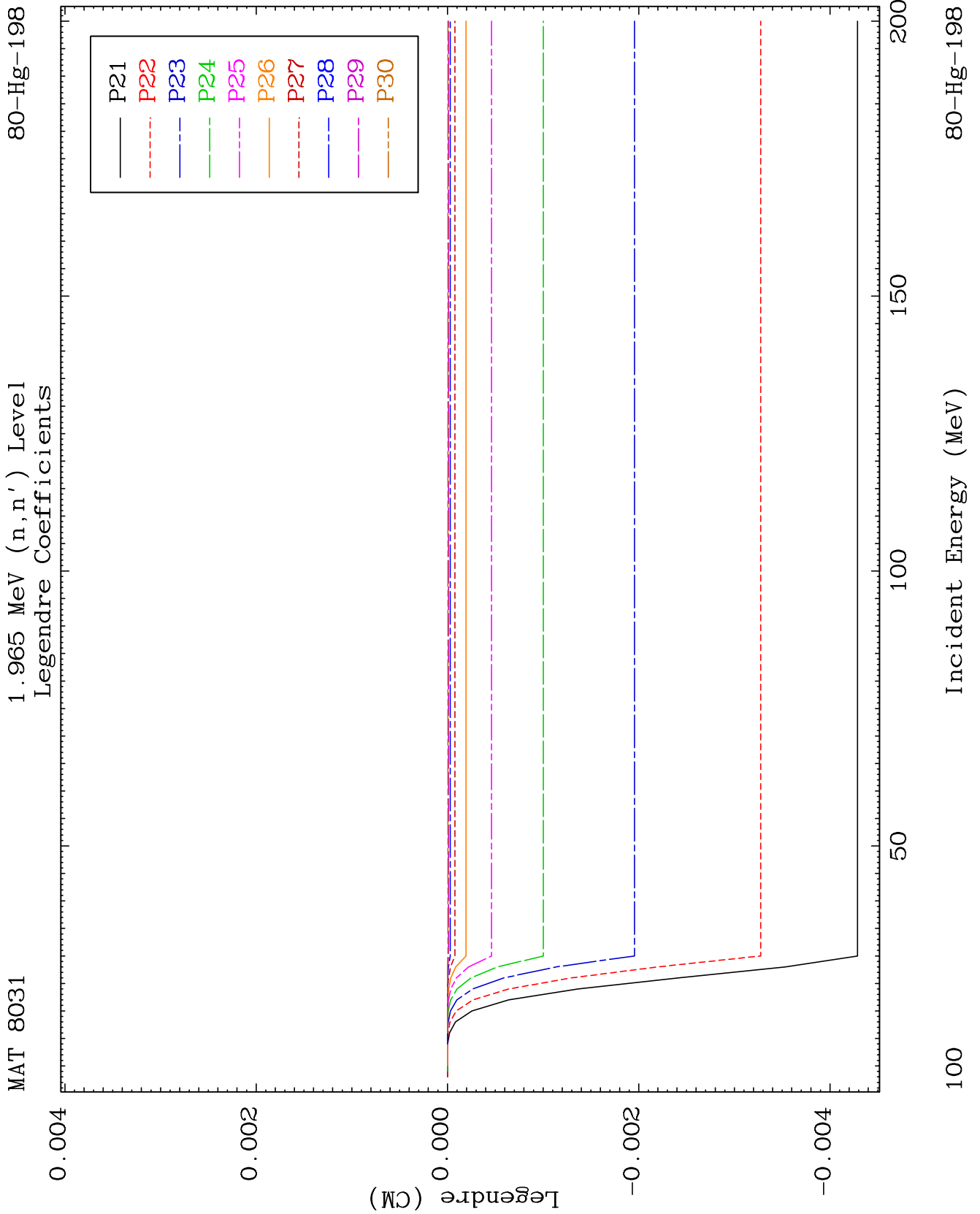
80-Hg-198

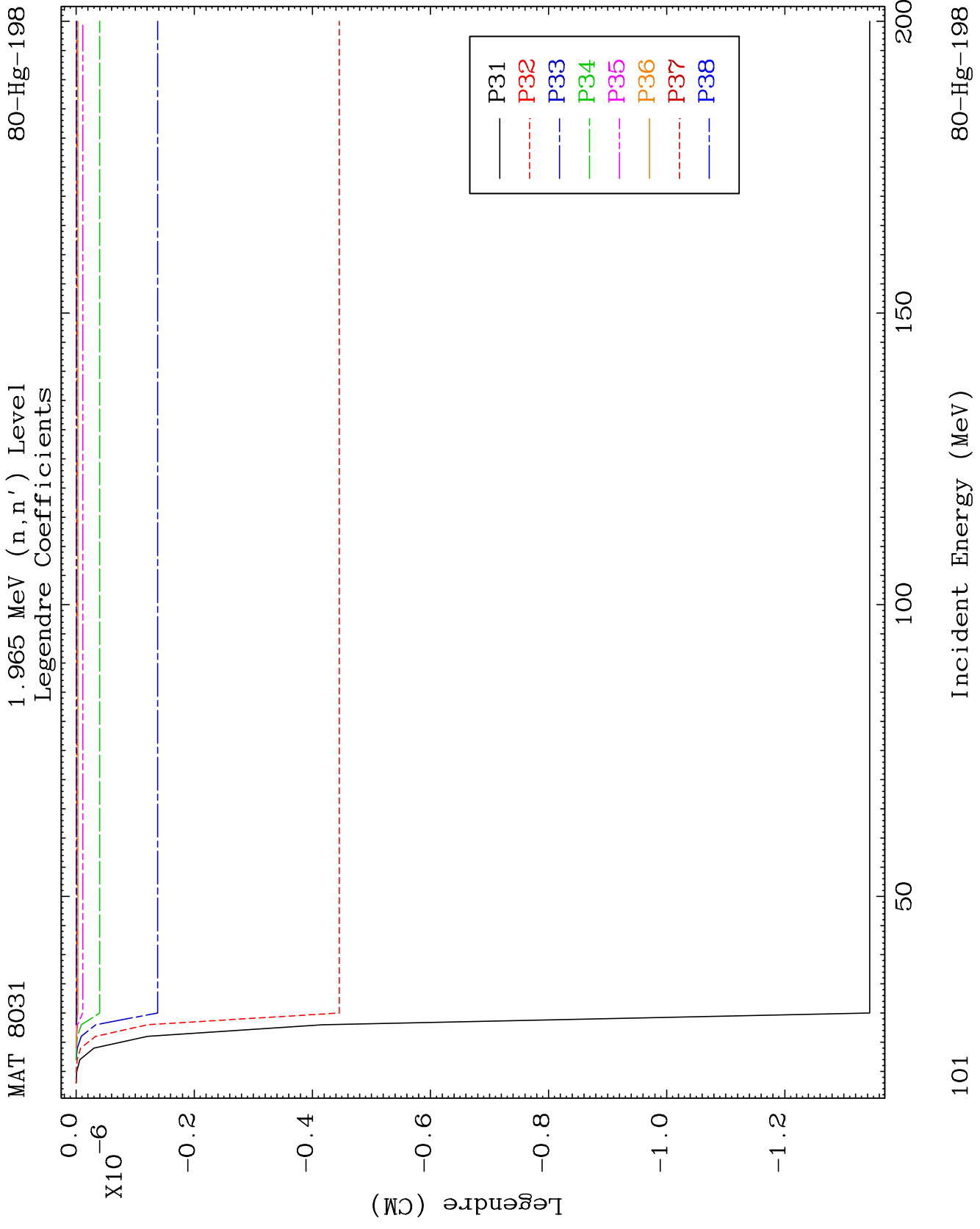


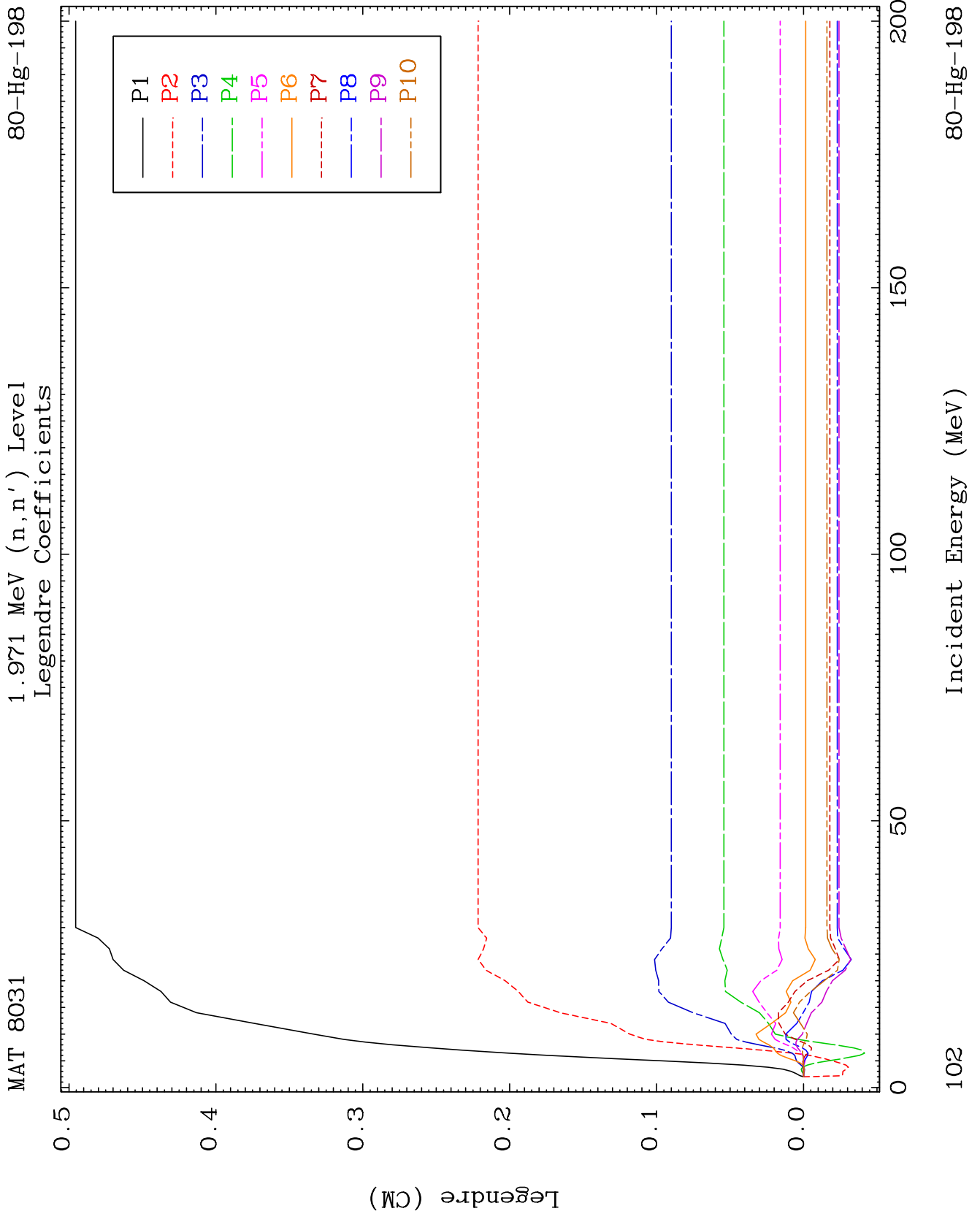
99

Incident Energy (MeV)

80-Hg-198



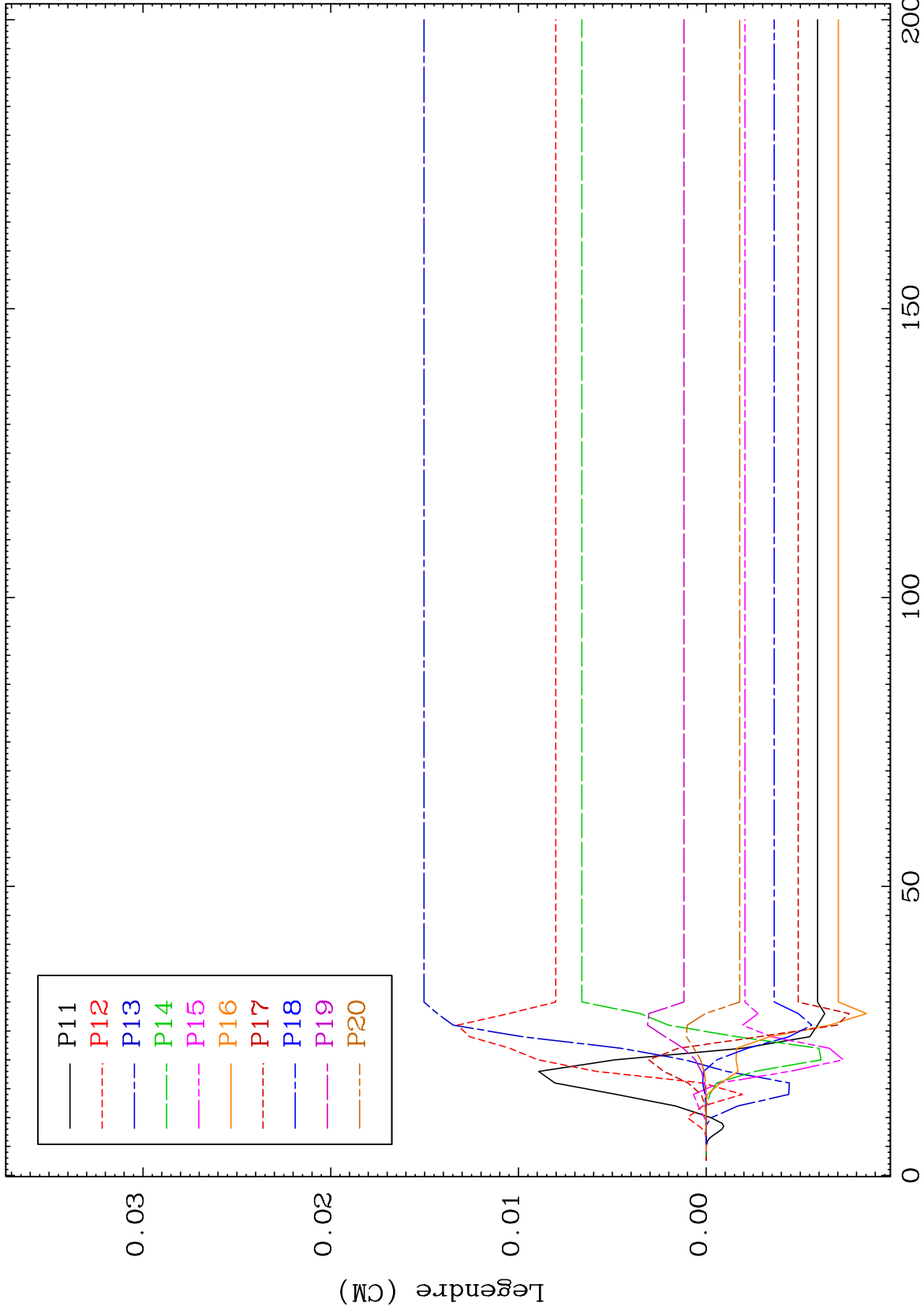




MAT 8031

1.971 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



103

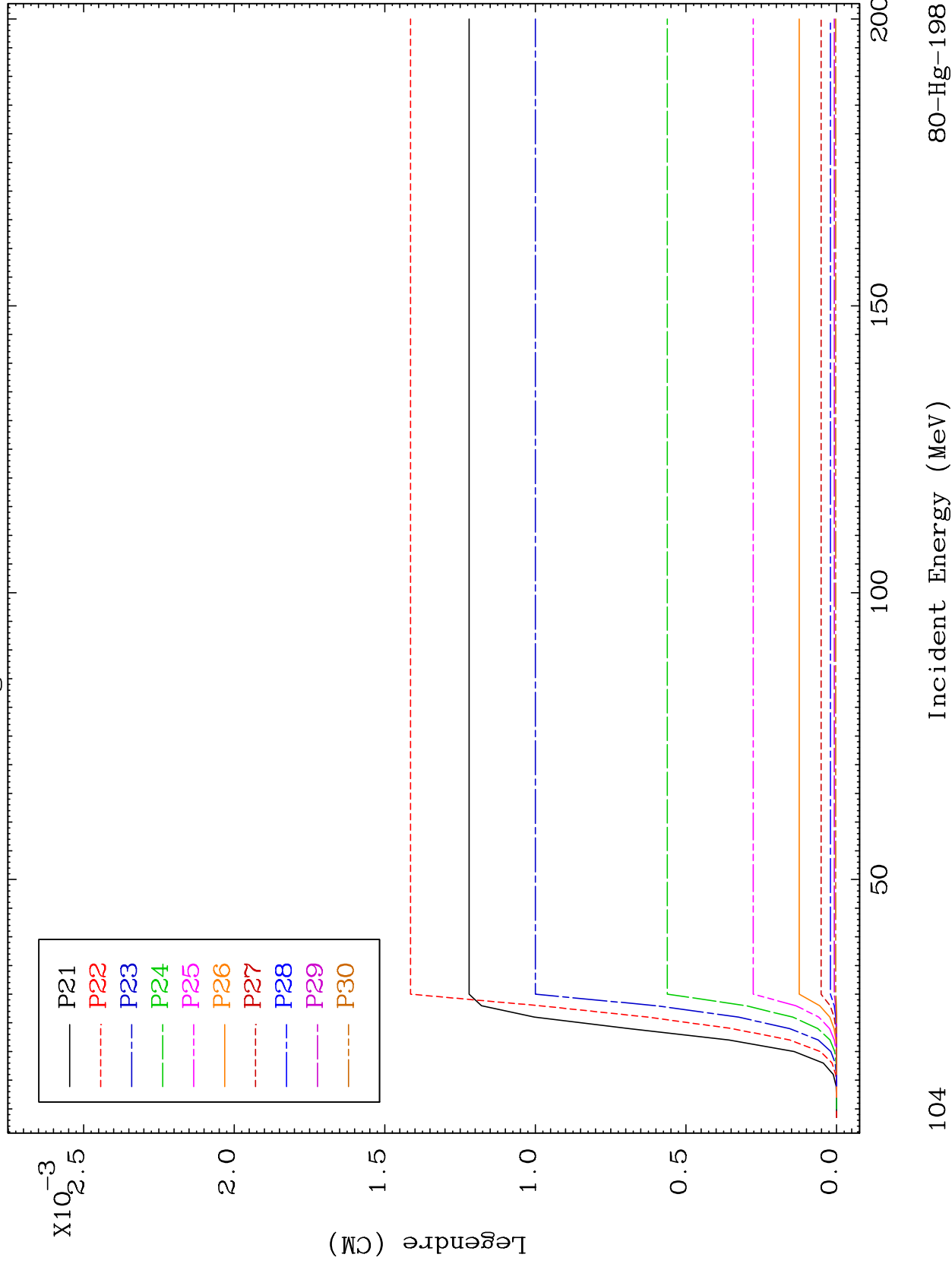
Incident Energy (MeV)

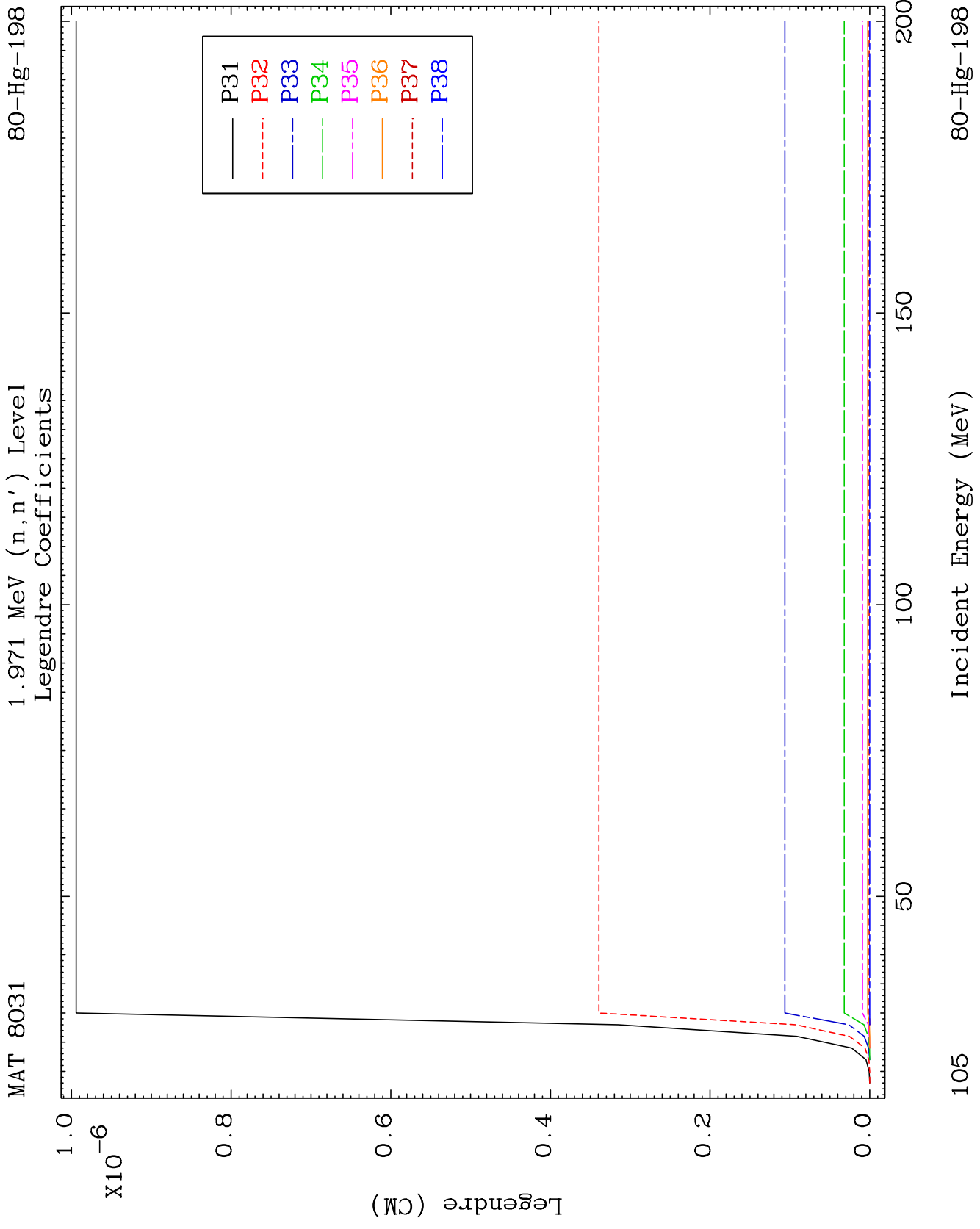
80-Hg-198

MAT 8031

1.971 MeV (n,n') Level
Legendre Coefficients

80-Hg-198

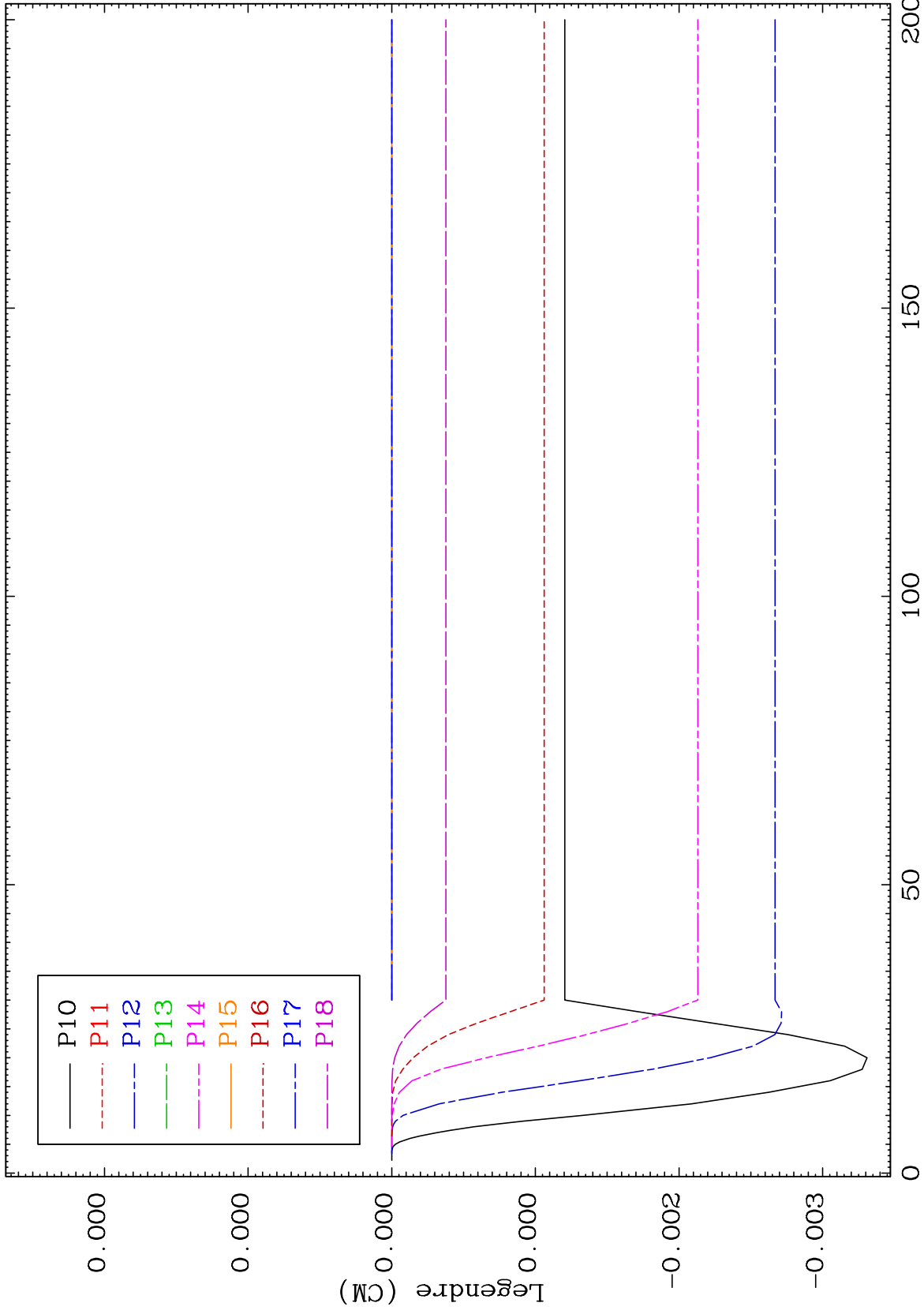




MAT 8031

2.005 MeV (n,n') Level
Legendre Coefficients

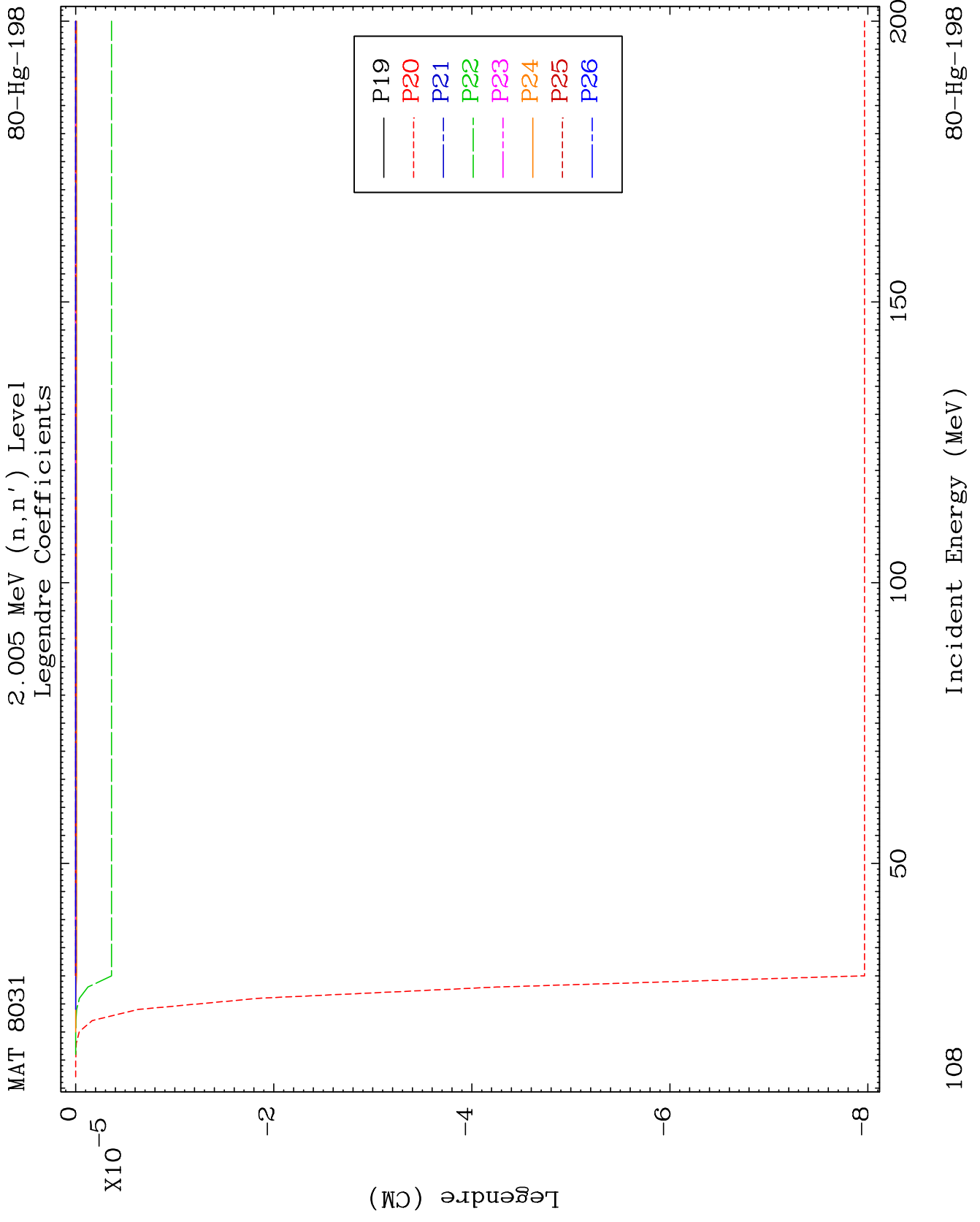
80-Hg-198

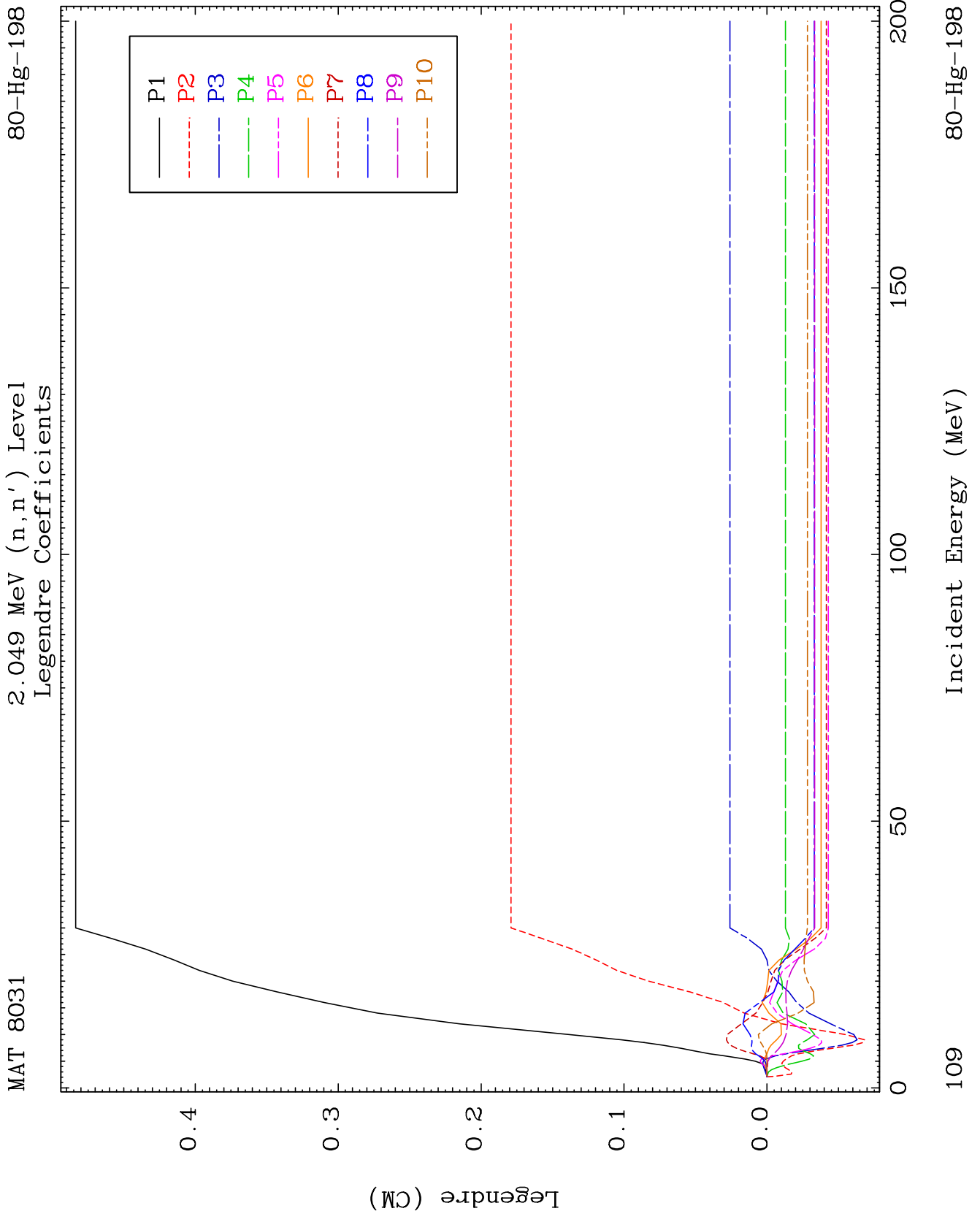


107

Incident Energy (MeV)

80-Hg-198

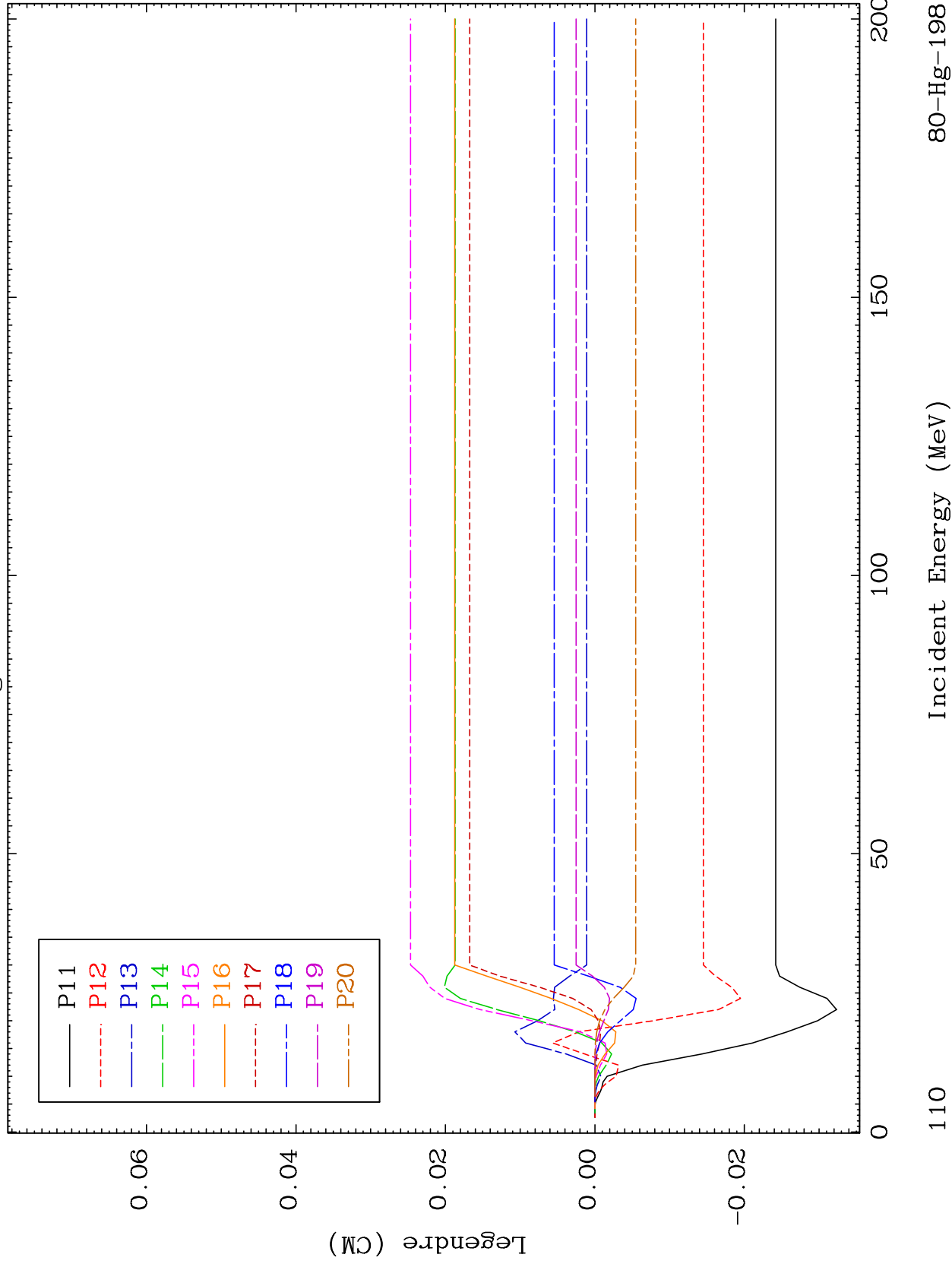




MAT 8031

2.049 MeV (n, n') Level
Legendre Coefficients

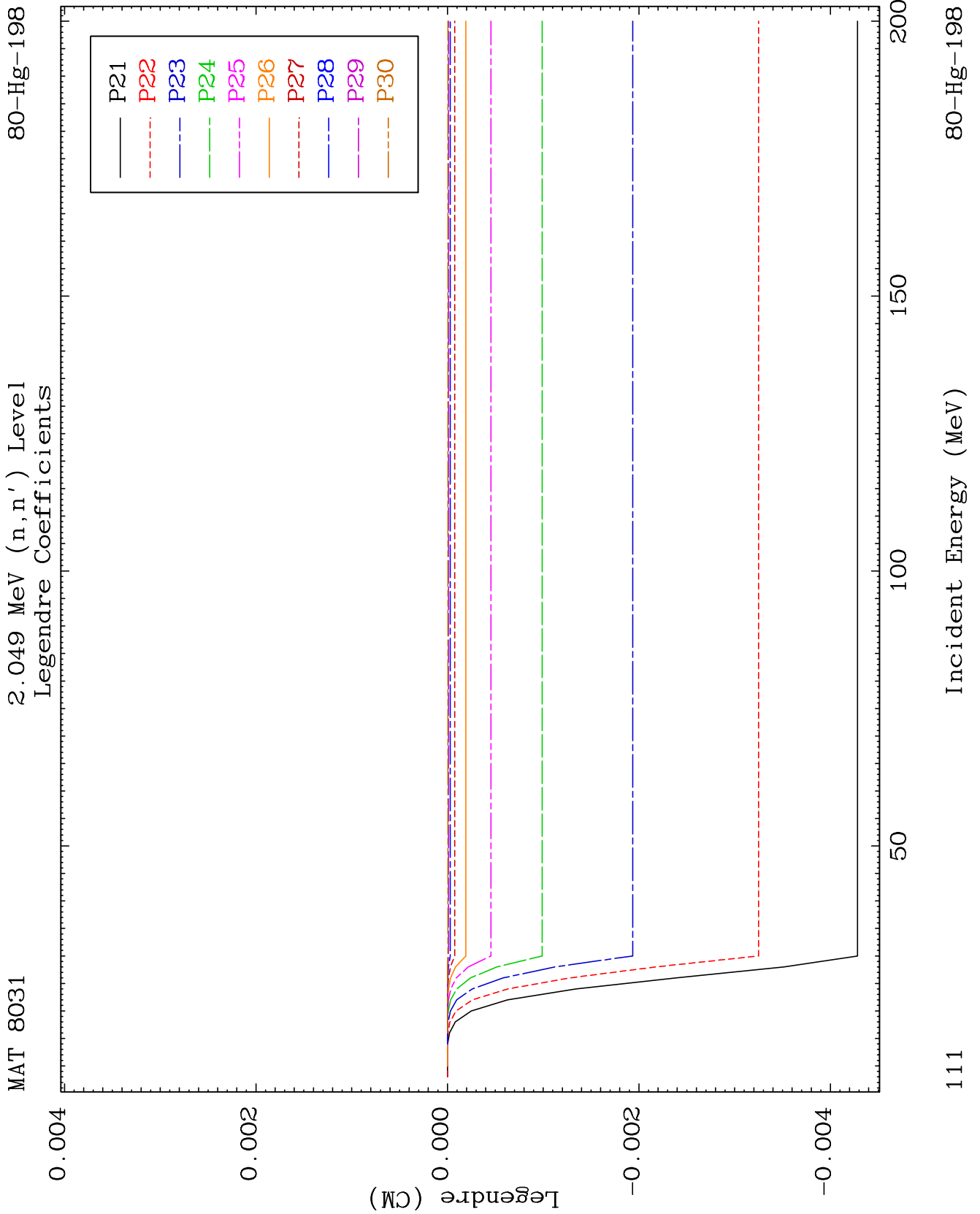
80-Hg-198

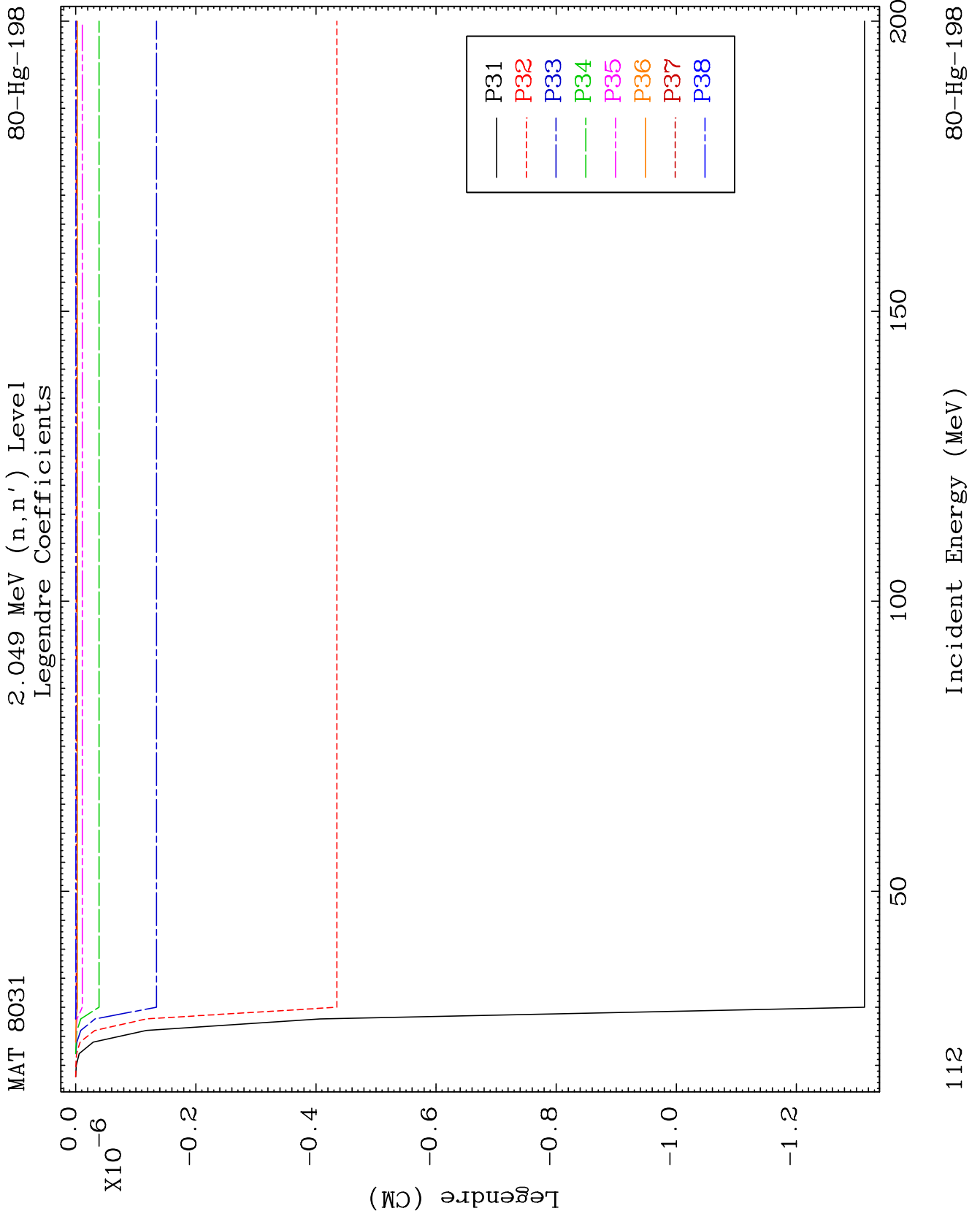


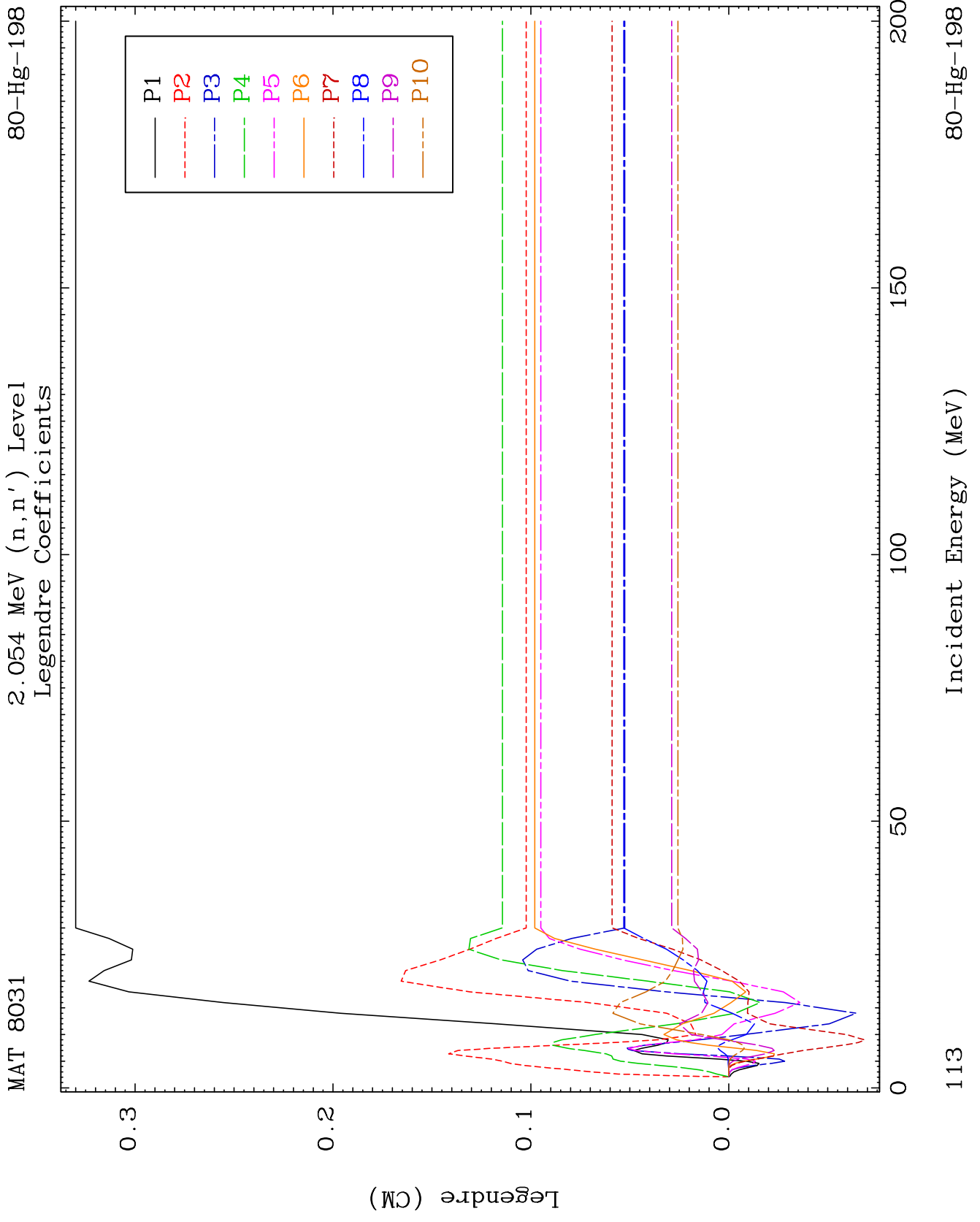
110

Incident Energy (MeV)

80-Hg-198



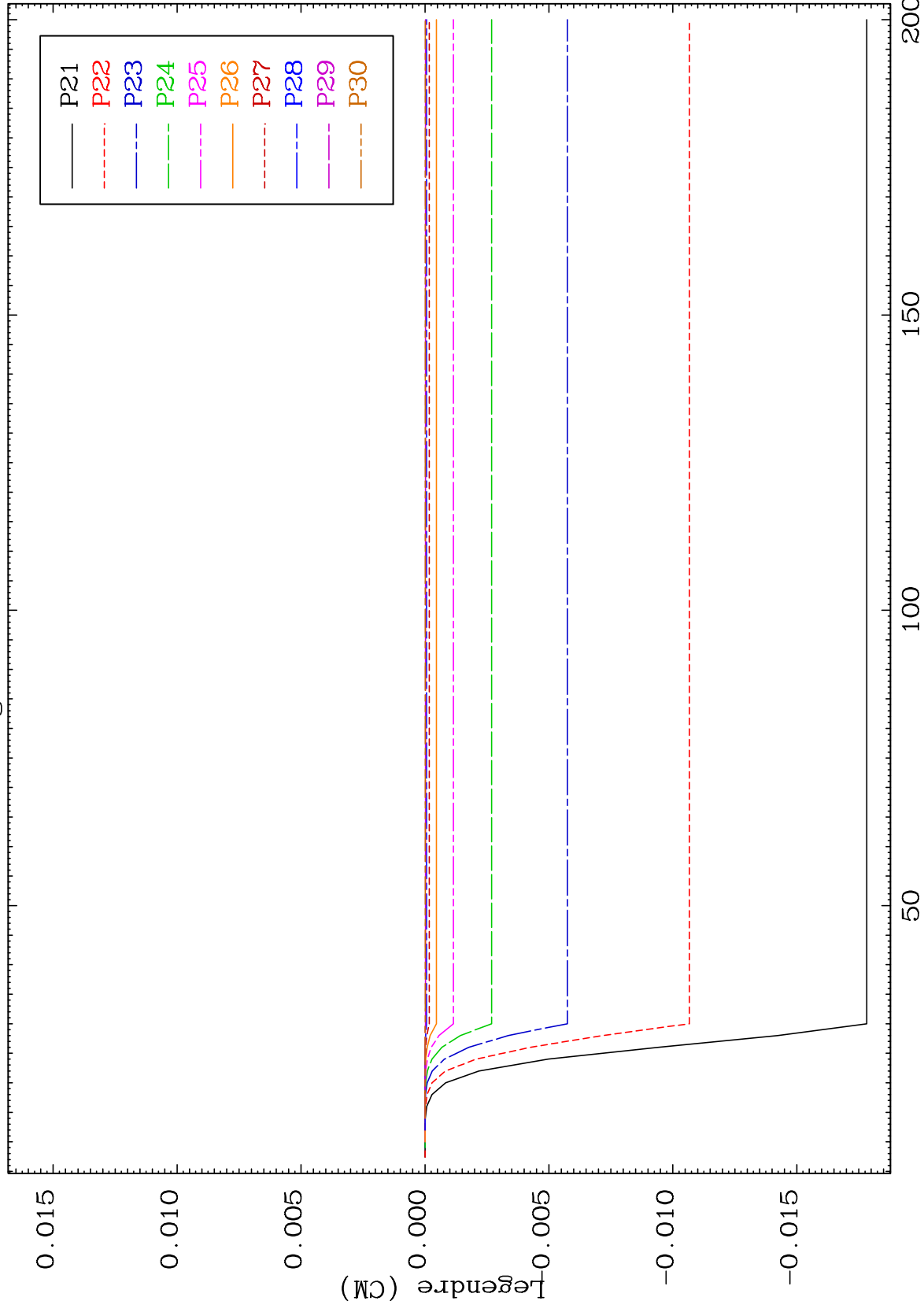




MAT 8031

2.054 MeV (n,n') Level
Legendre Coefficients

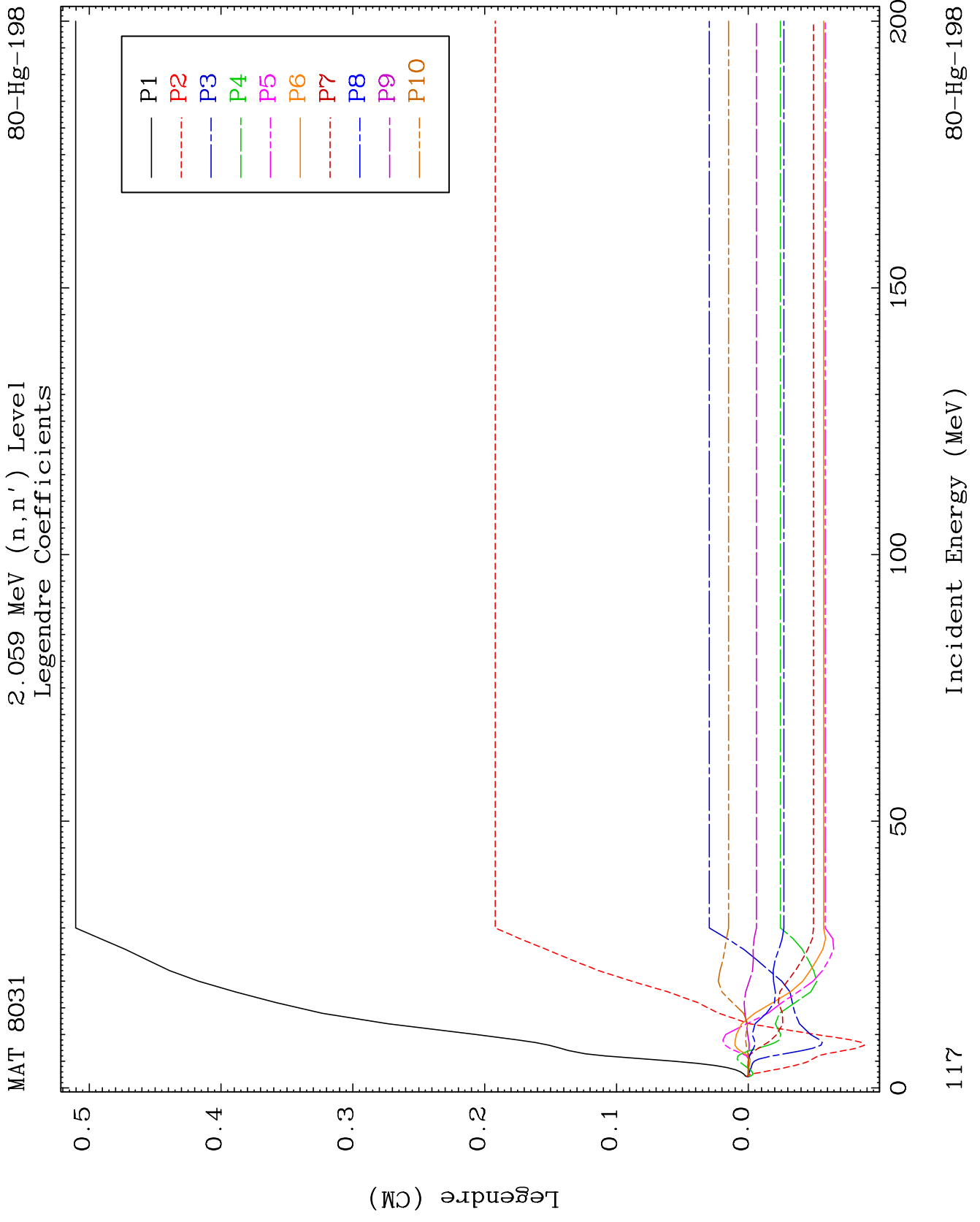
80-Hg-198

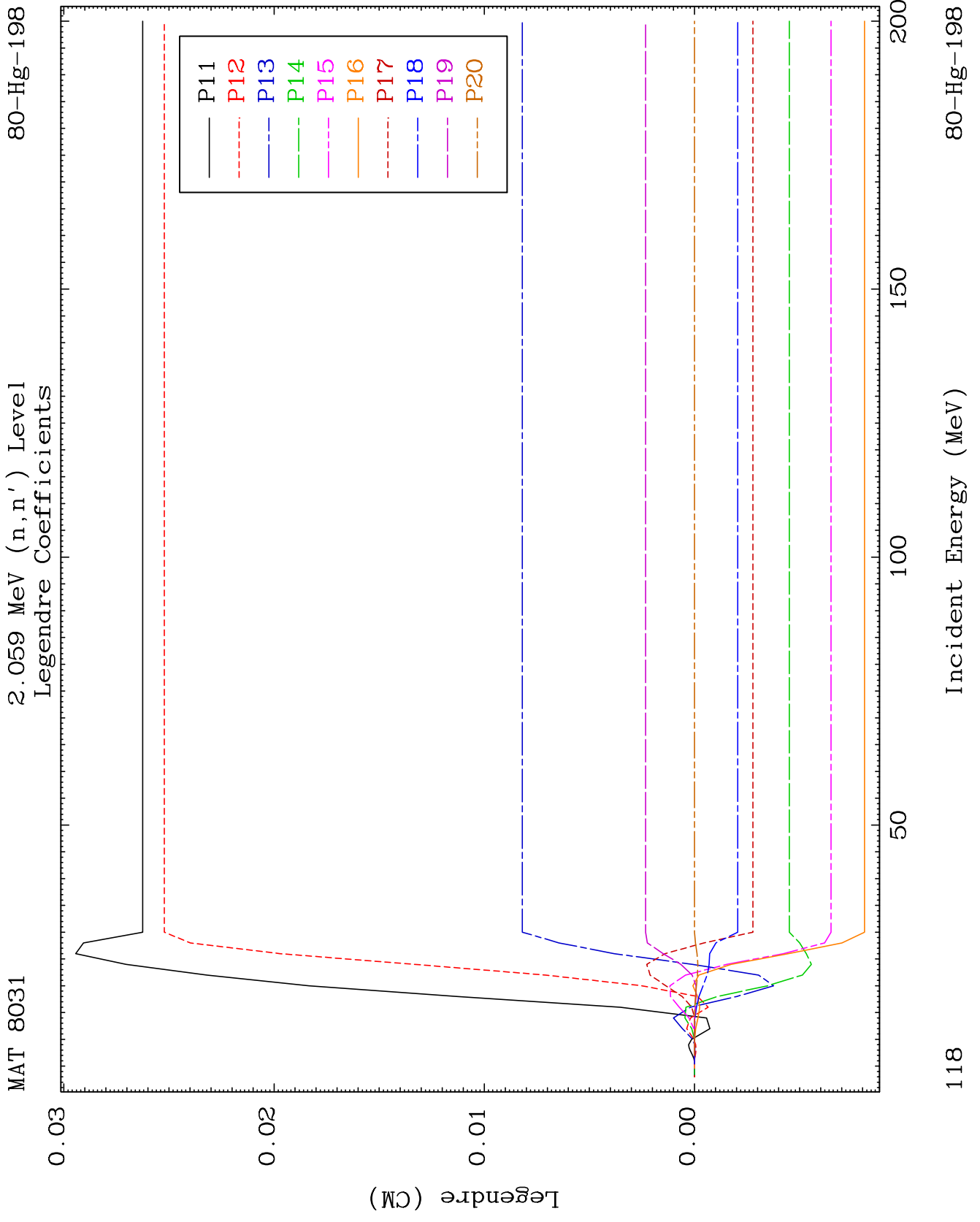


115

Incident Energy (MeV)

80-Hg-198

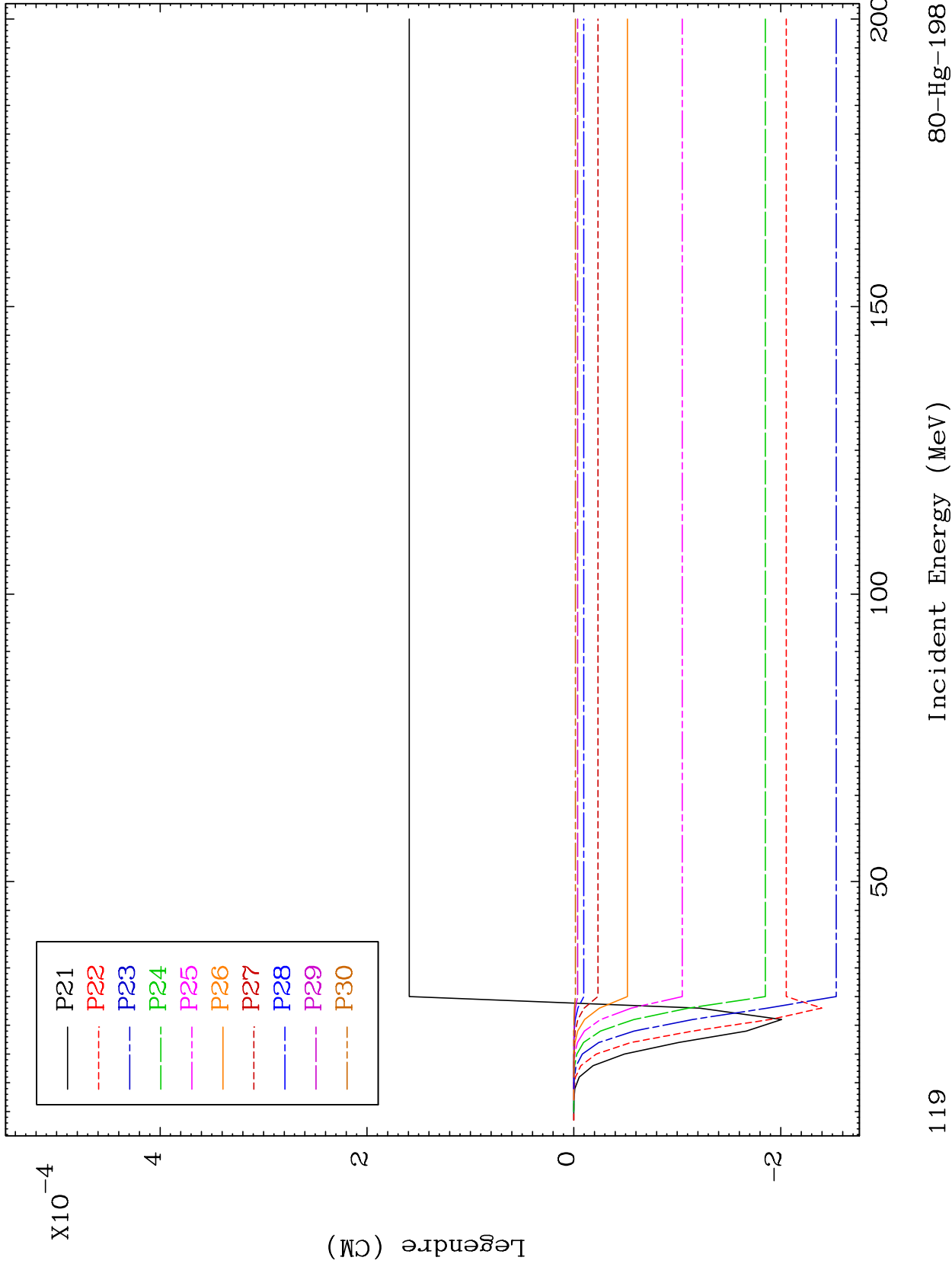




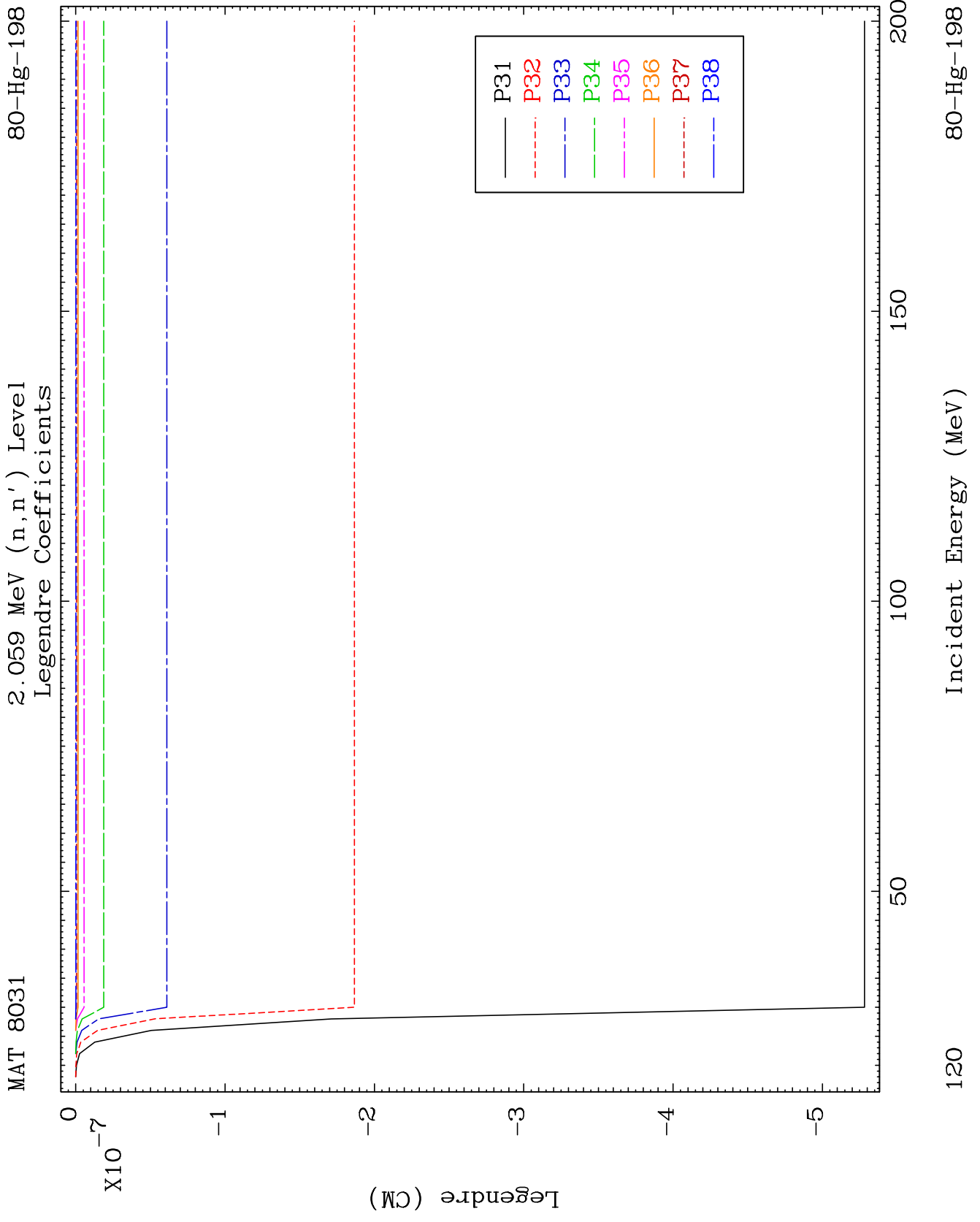
MAT 8031

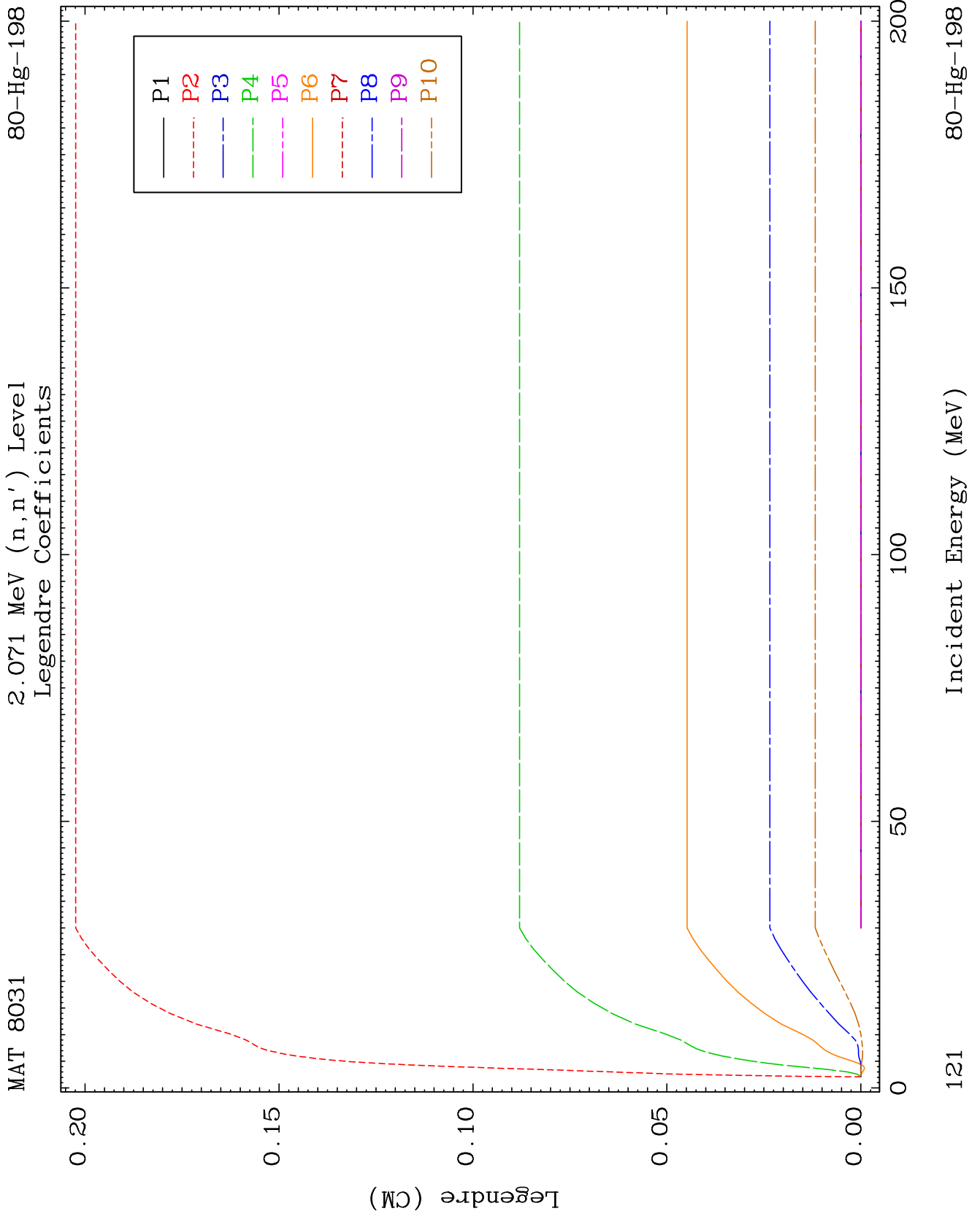
2.059 MeV (n,n') Level
Legendre Coefficients

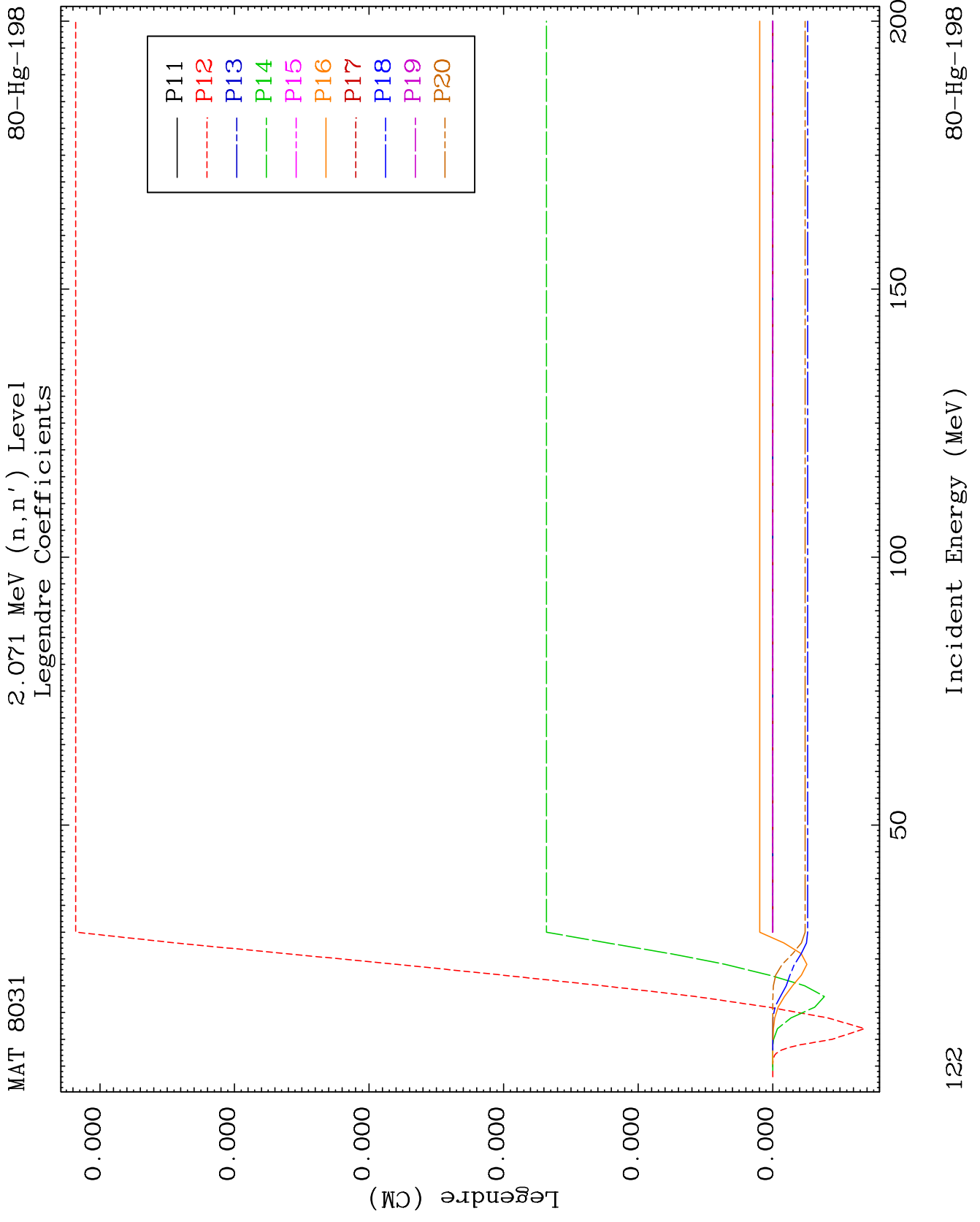
80-Hg-198

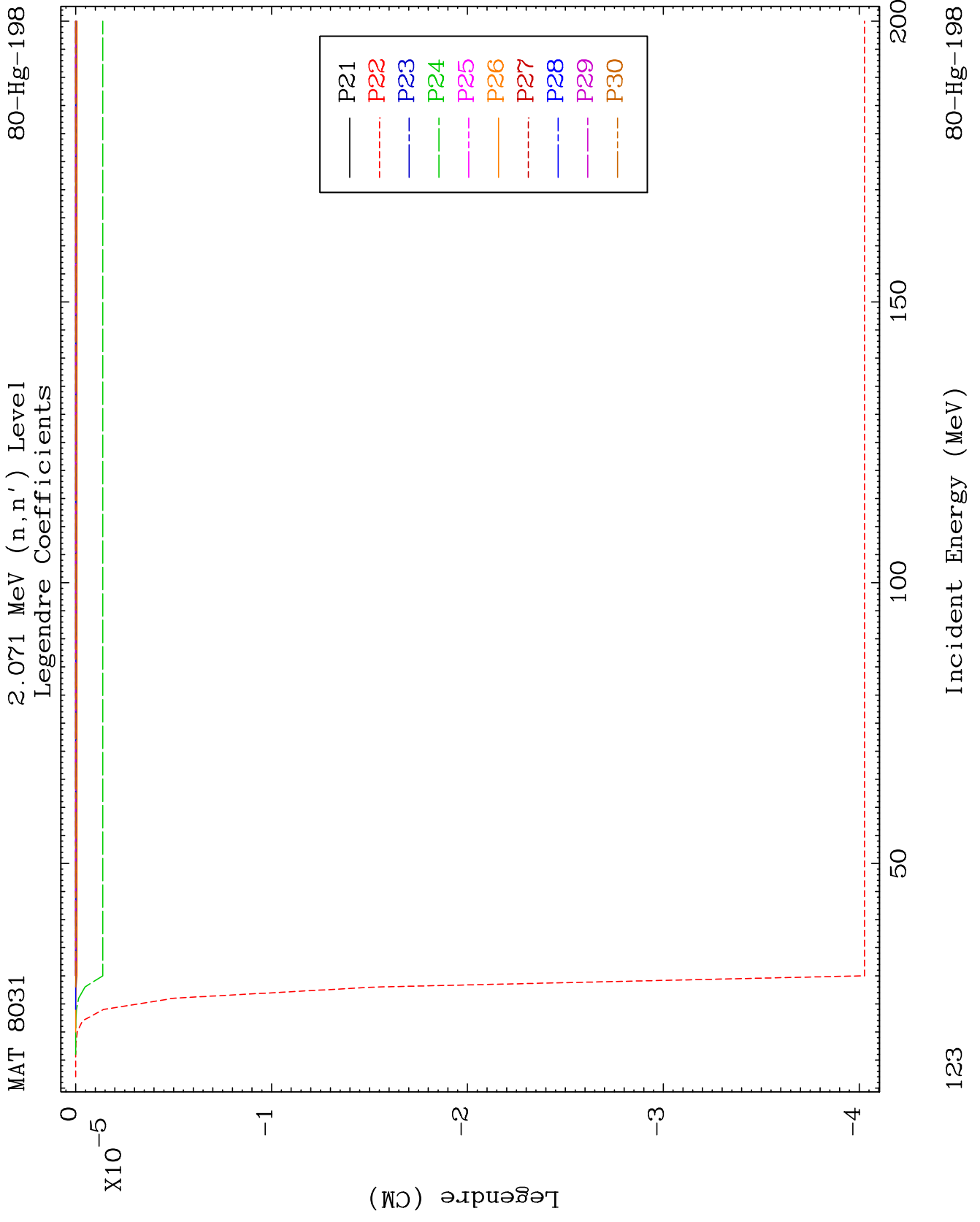


119





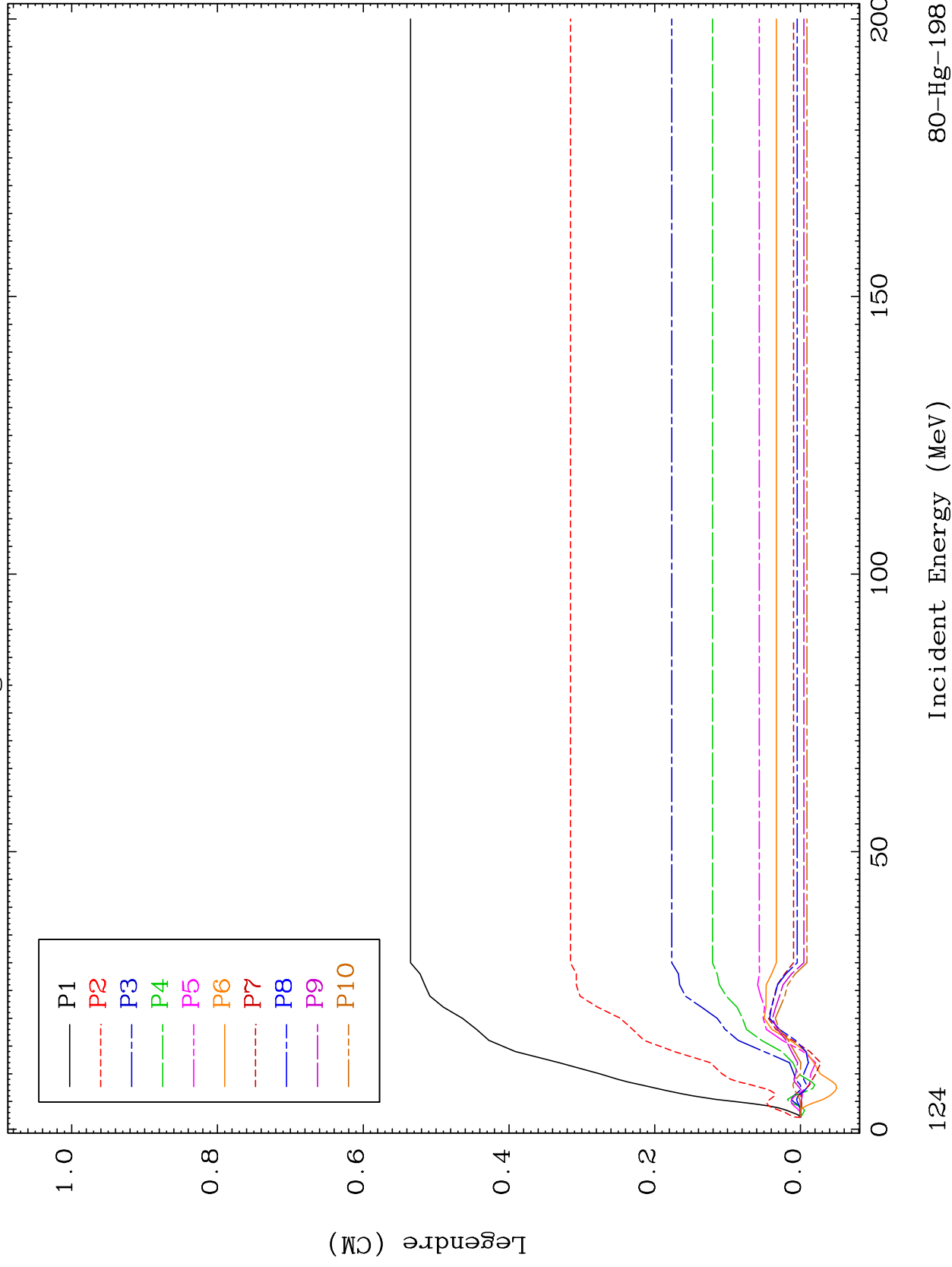




MAT 8031

2.110 MeV (n, n') Level
Legendre Coefficients

80-Hg-198



124

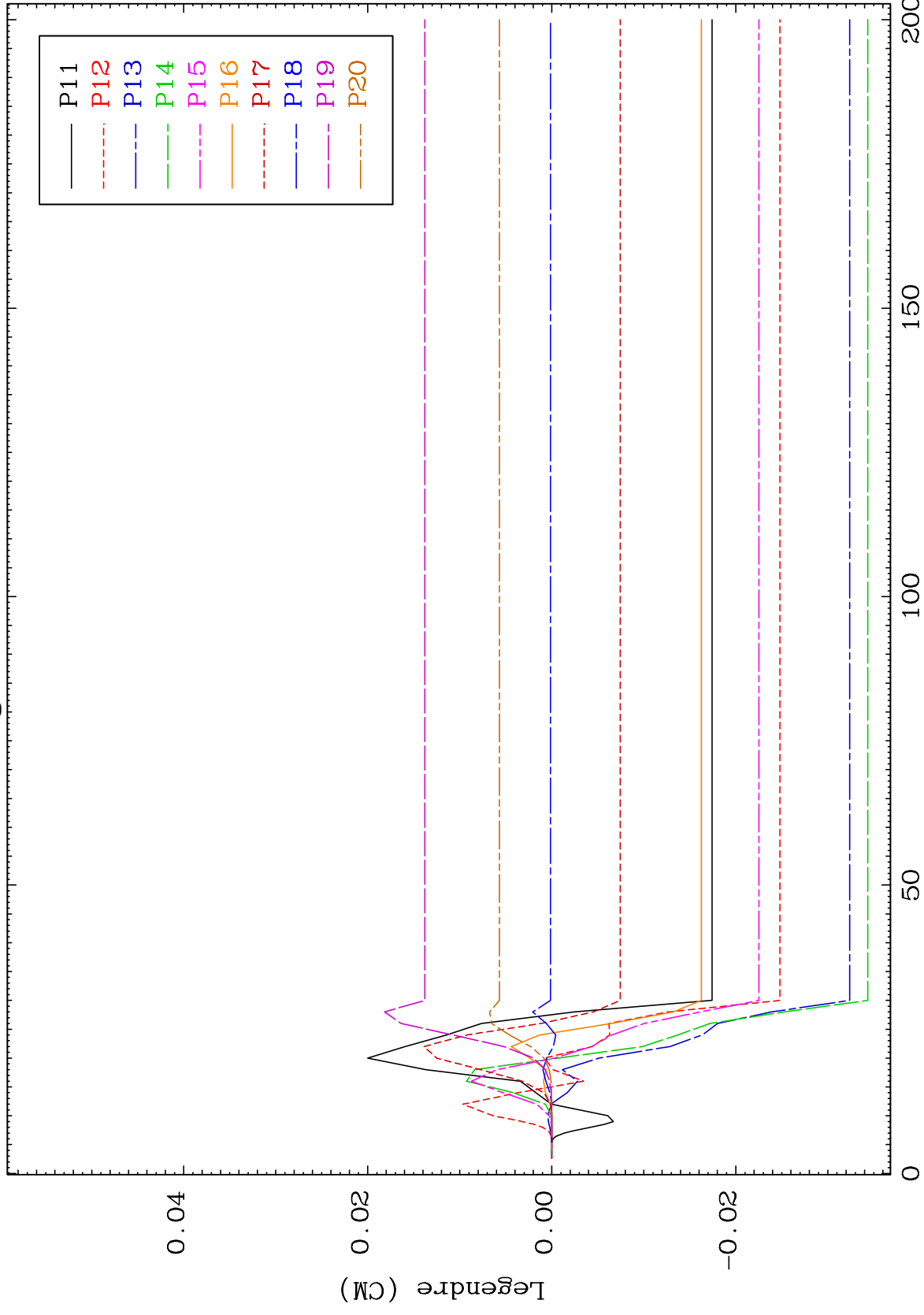
Incident Energy (MeV)

80-Hg-198

MAT 8031

2.110 MeV (n,n') Level
Legendre Coefficients

80-Hg-198



125

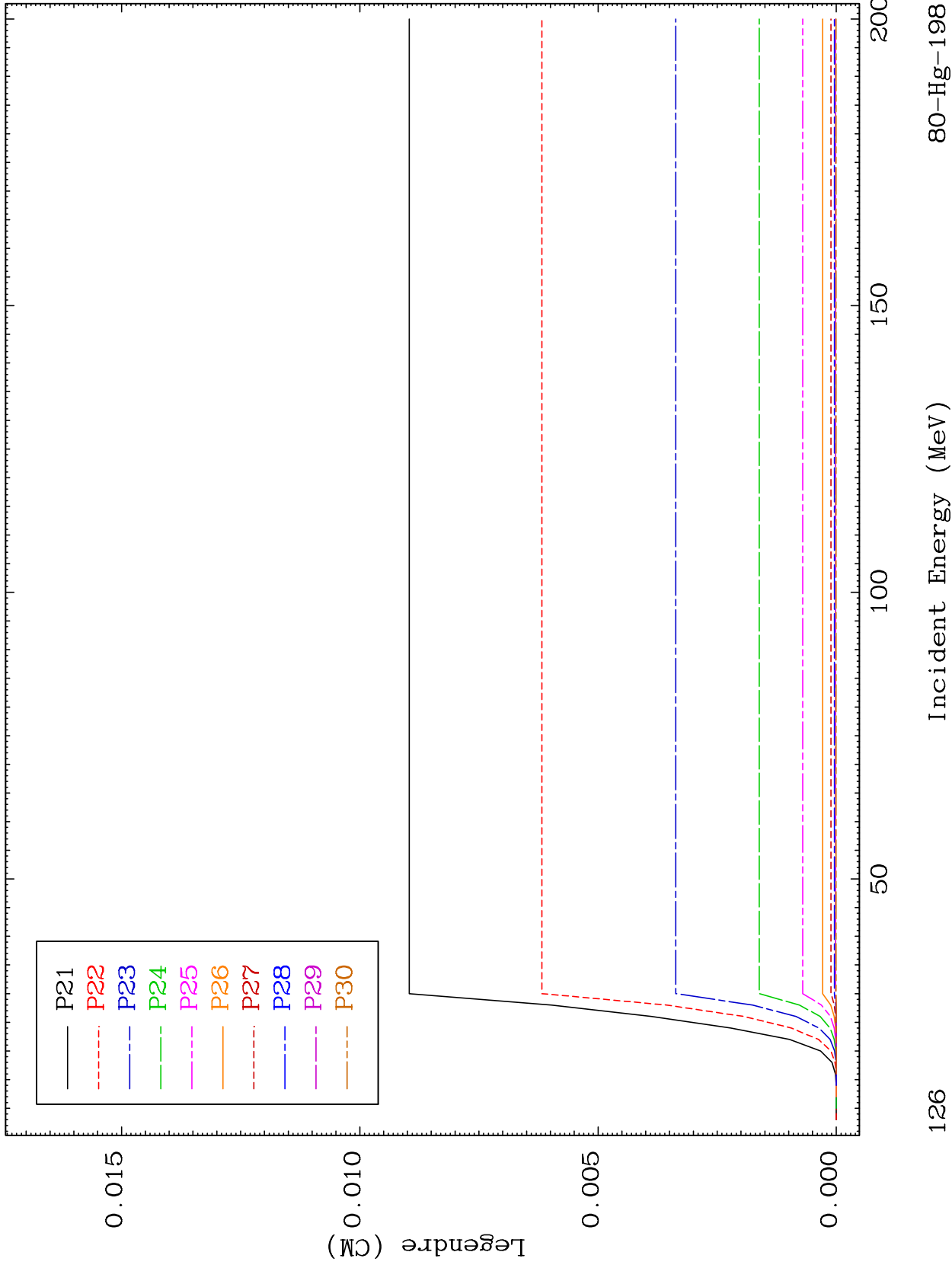
Incident Energy (MeV)

80-Hg-198

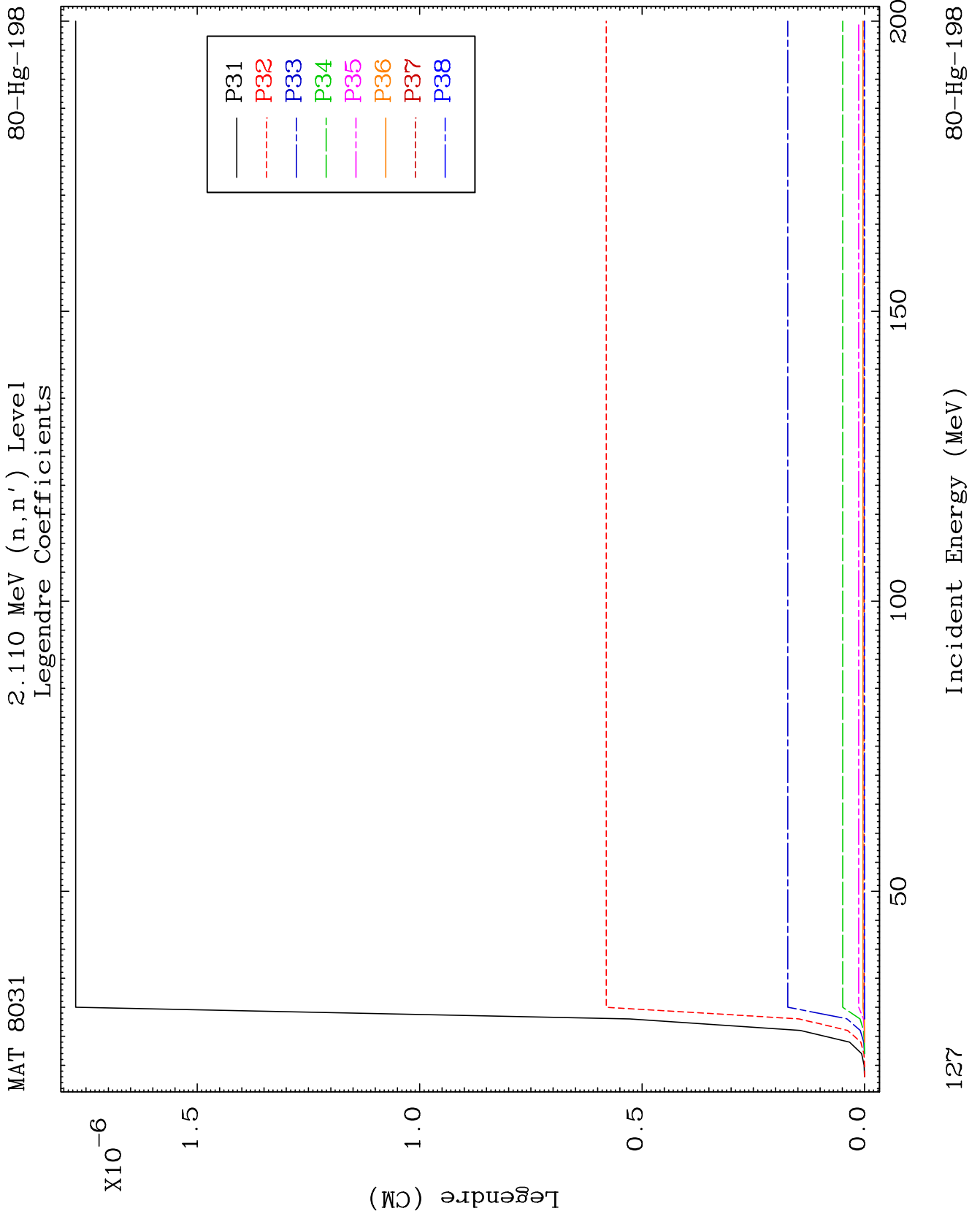
MAT 8031

2.110 MeV (n, n') Level
Legendre Coefficients

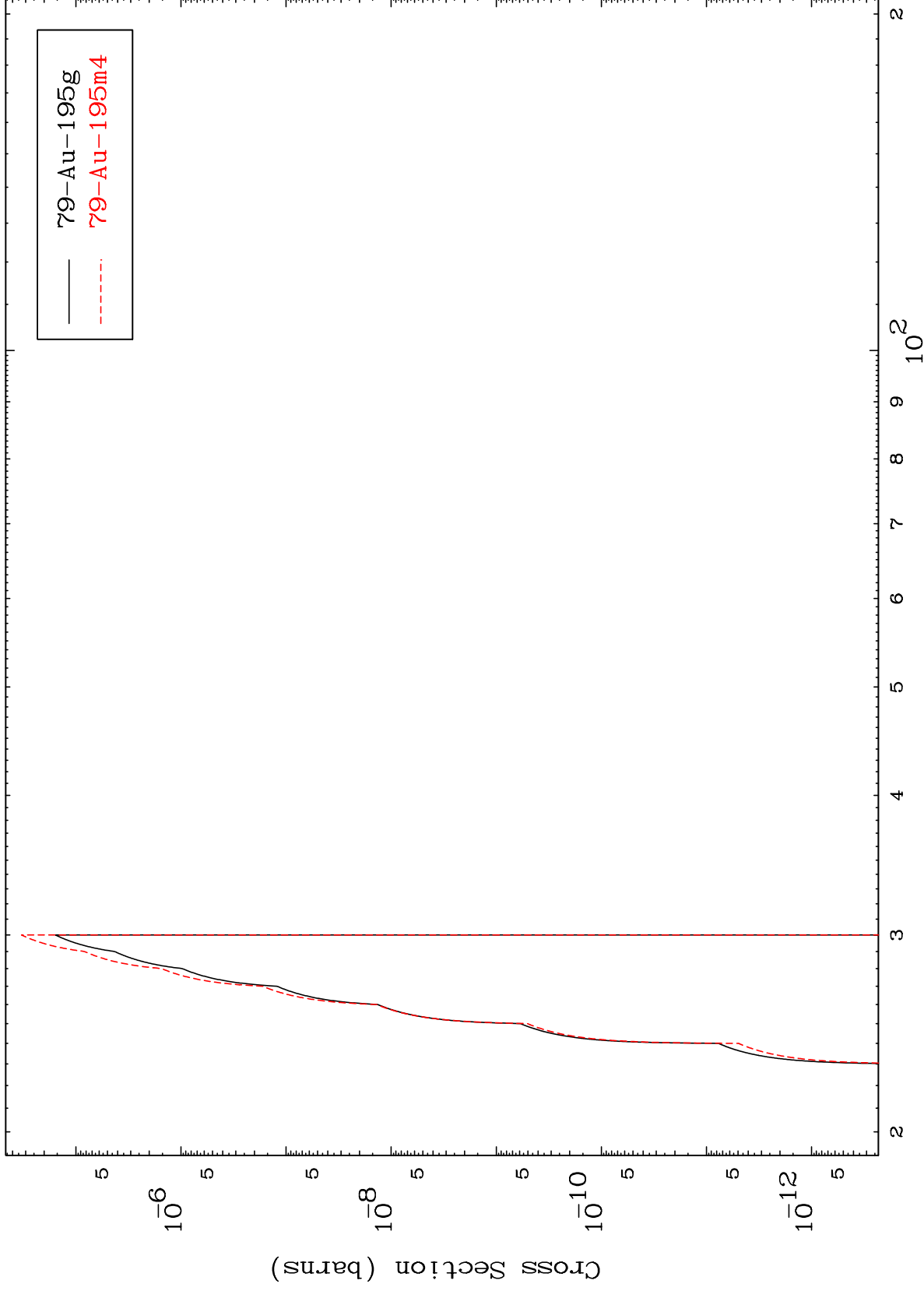
80-Hg-198



126



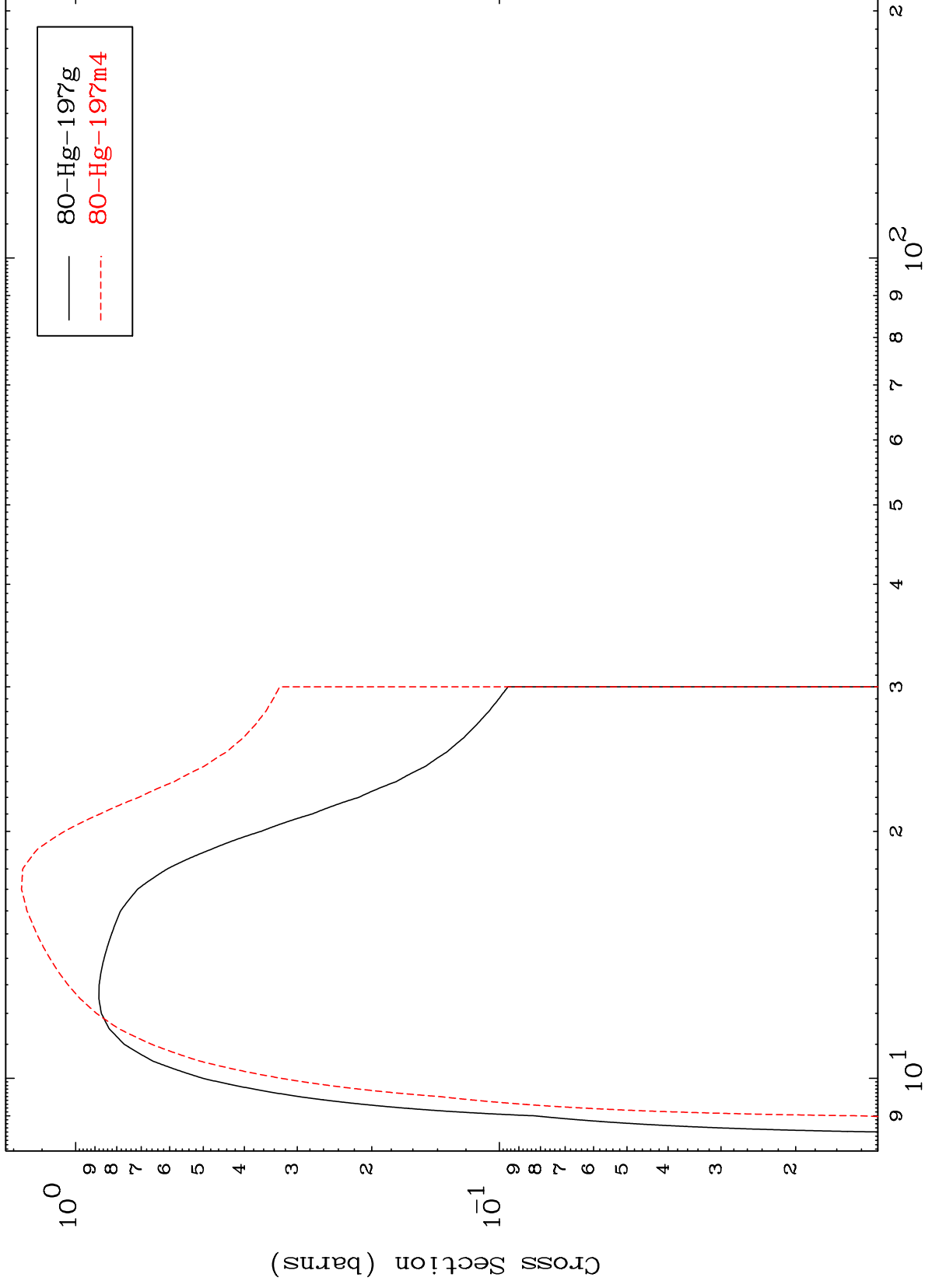
Radionuclide Production Cross Section



MAT 8031

80-Hg-198

(n,2n)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

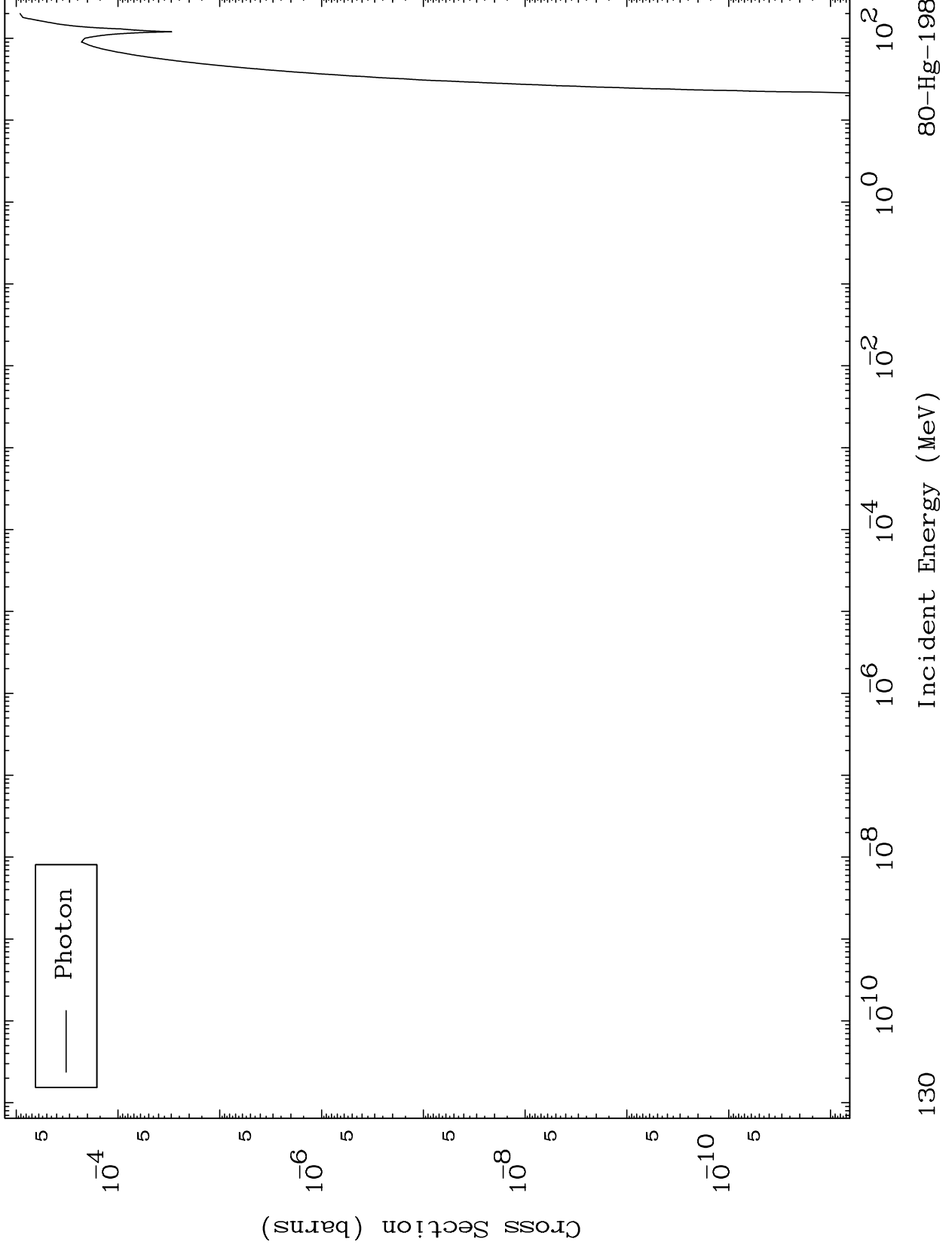
80-Hg-198

MAT 8031

Fission

80-Hg-198

Radionuclide Production Cross Section

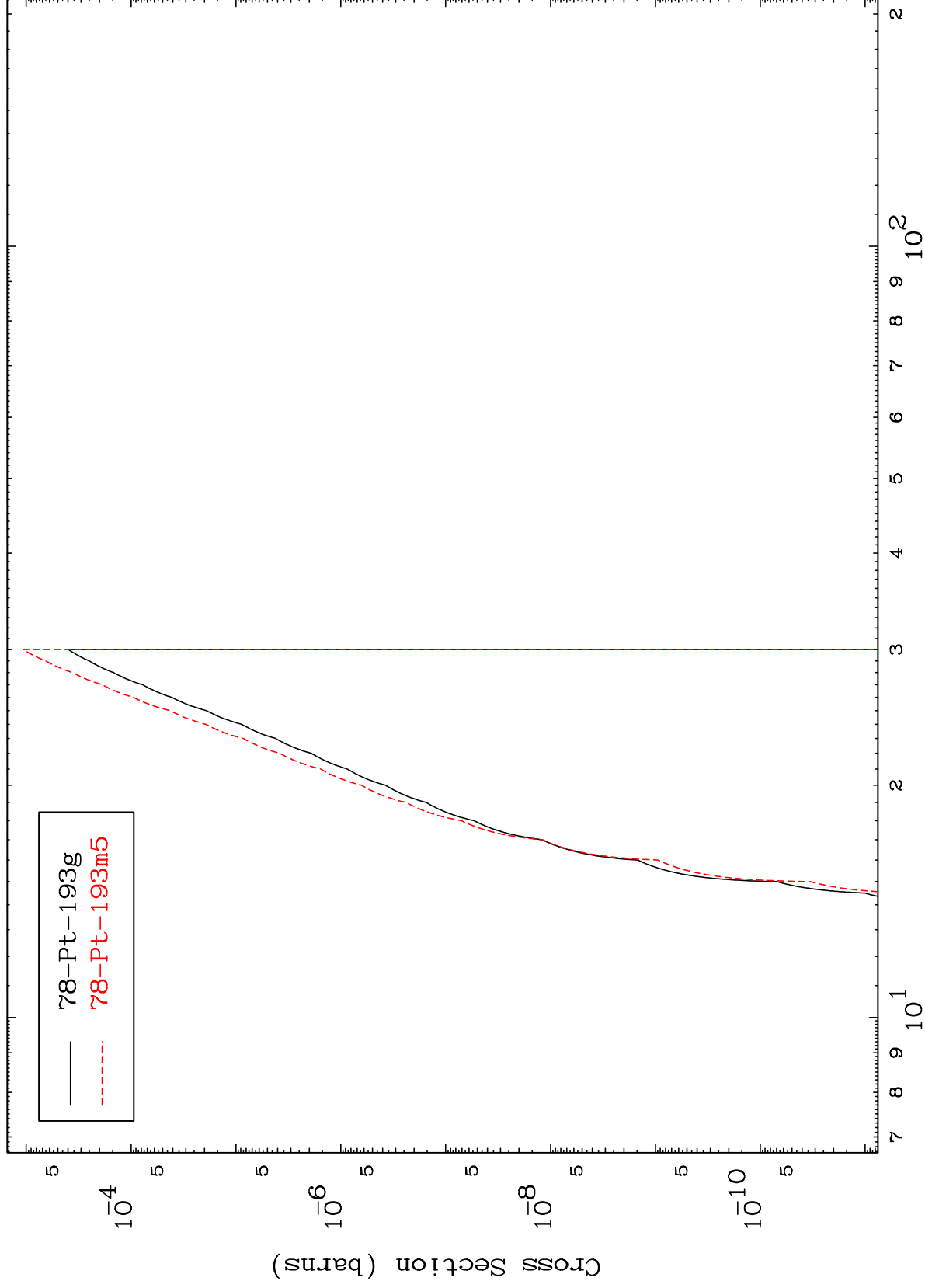


MAT 8031

80-Hg-198

(n,2n) α

Radionuclide Production Cross Section



131

Incident Energy (MeV)

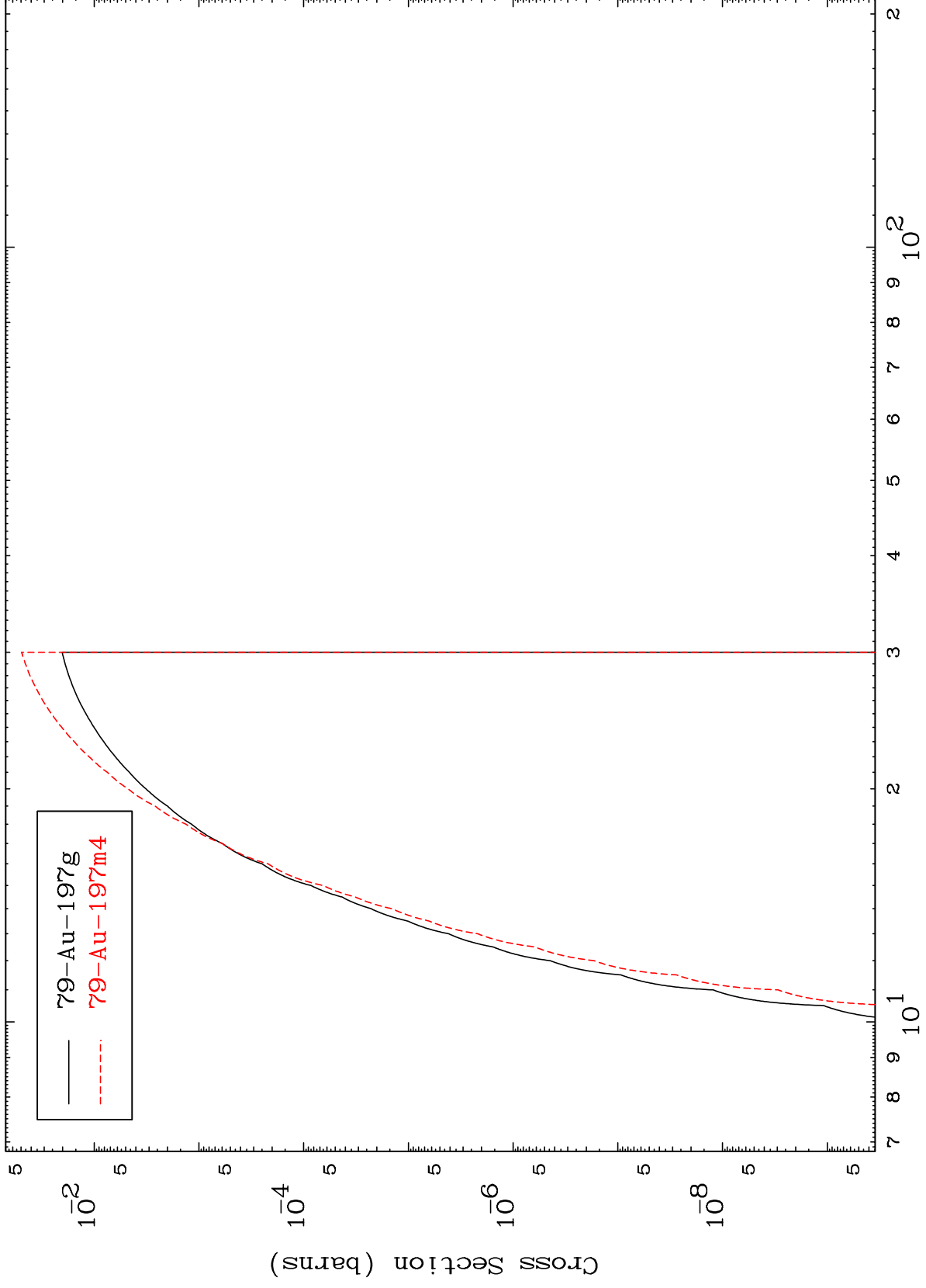
80-Hg-198

MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section

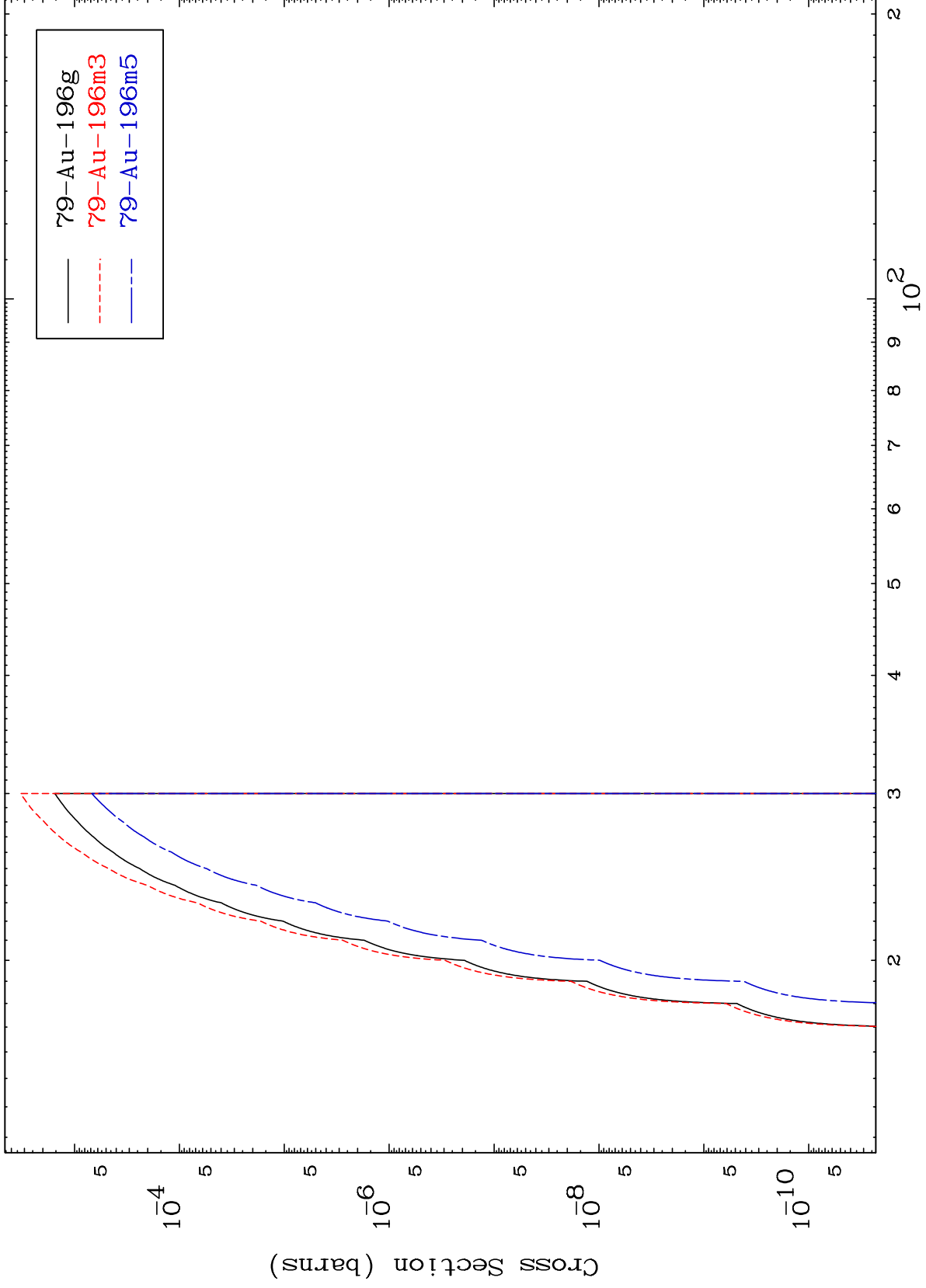


132

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section

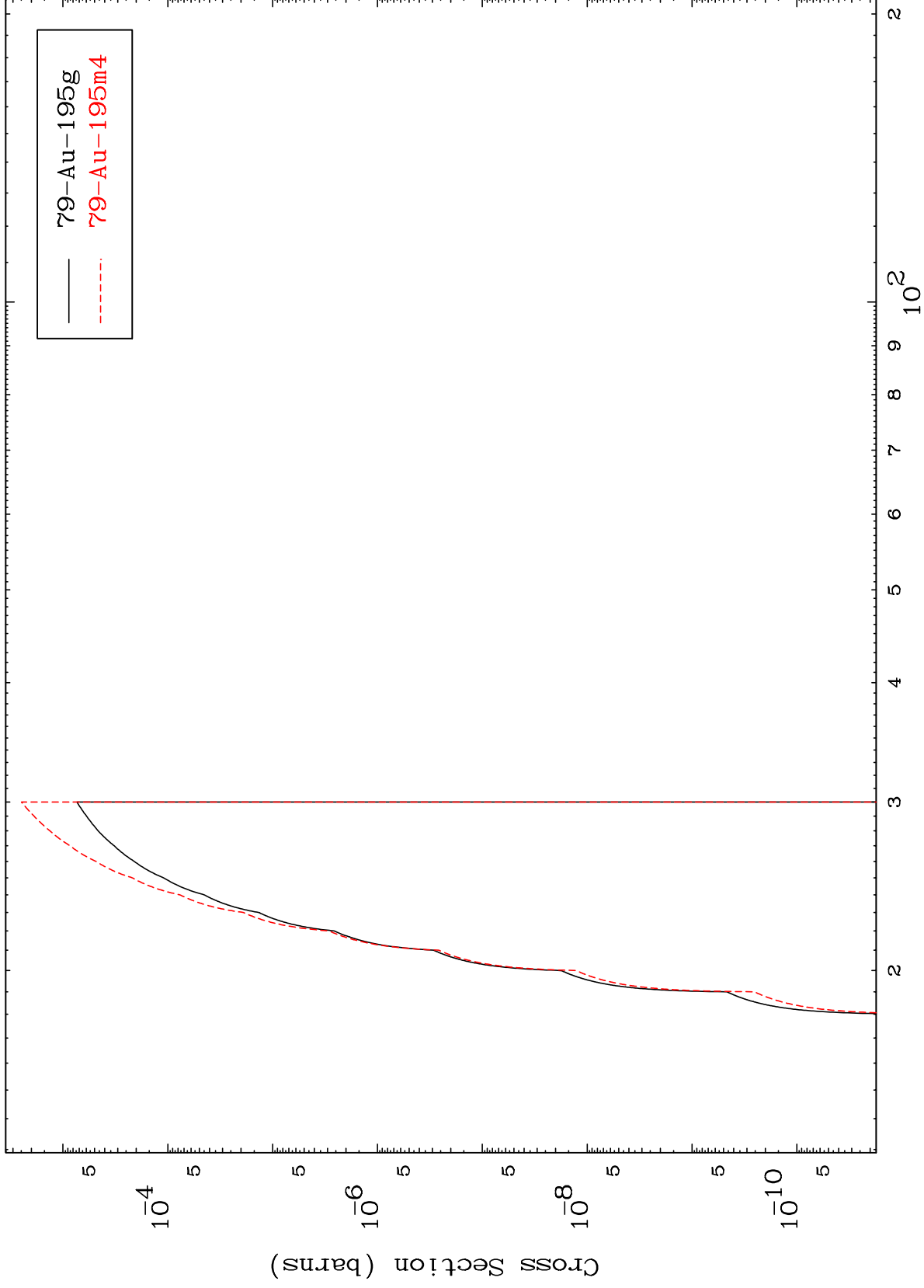


MAT 8031

(n,n') t

80-Hg-198

Radionuclide Production Cross Section



134

Incident Energy (MeV)

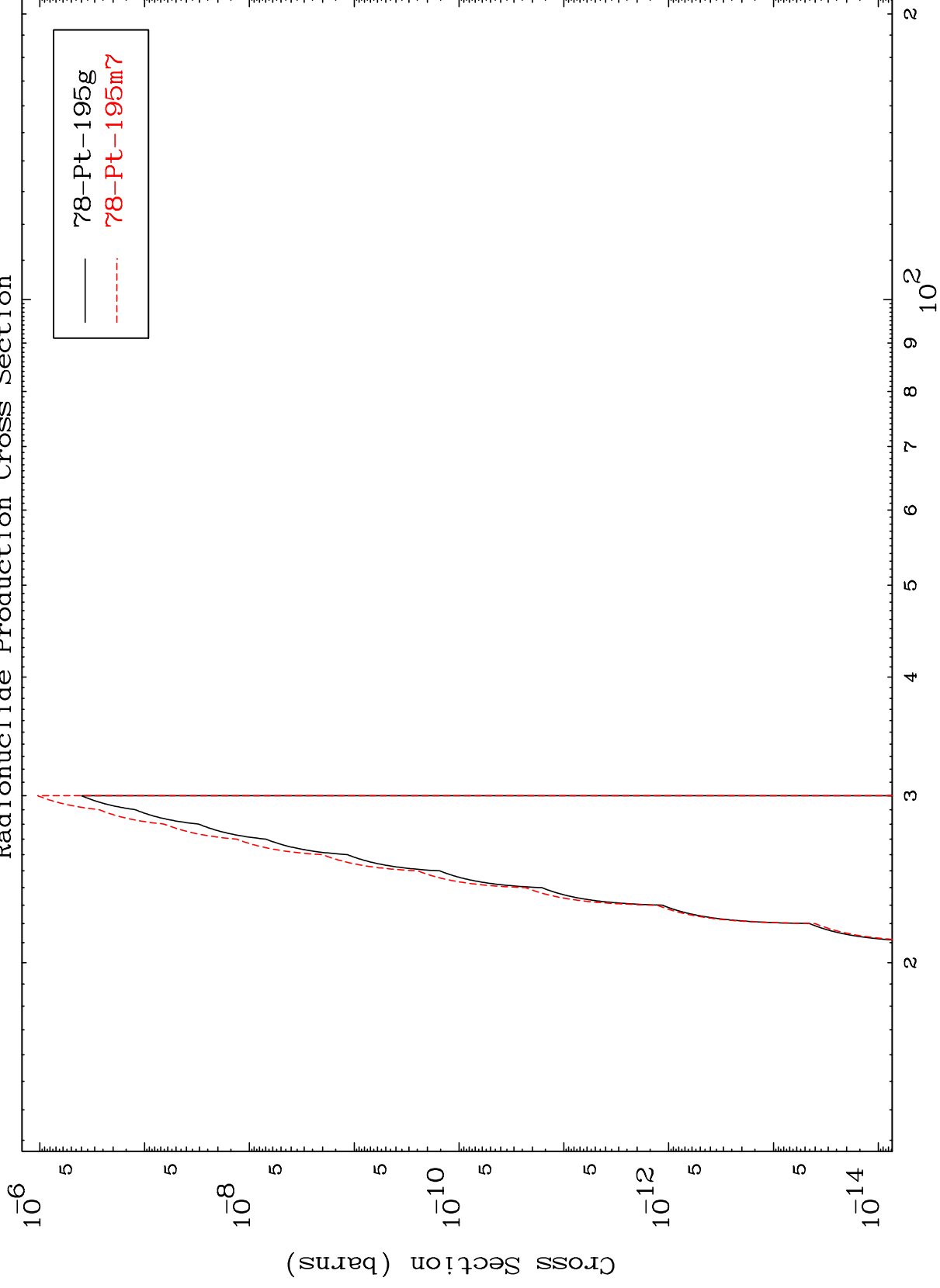
80-Hg-198

MAT 8031

(n,n') He-3

80-Hg-198

Radionuclide Production Cross Section



135

Incident Energy (MeV)

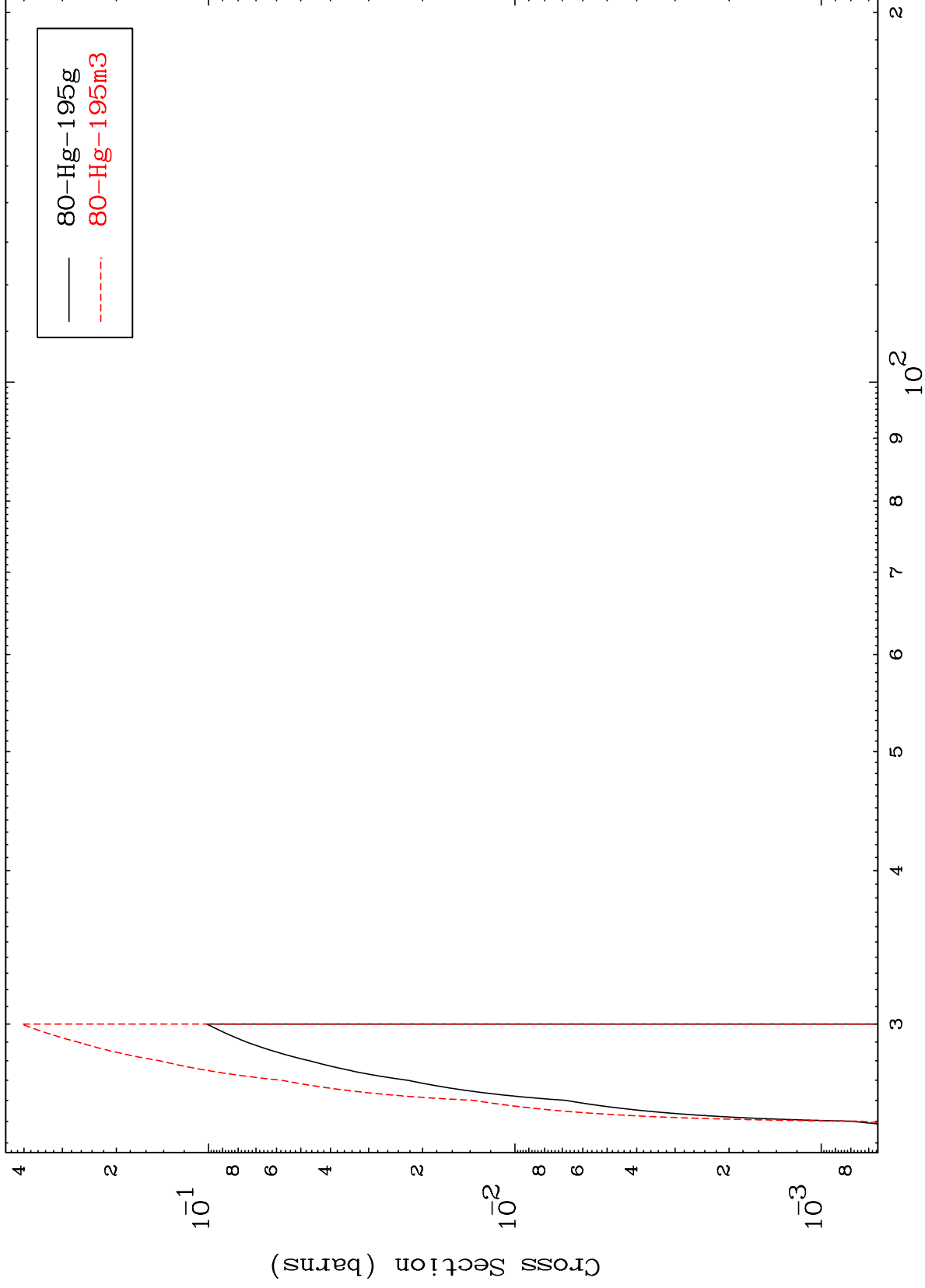
80-Hg-198

MAT 8031

(n,4n)

80-Hg-198

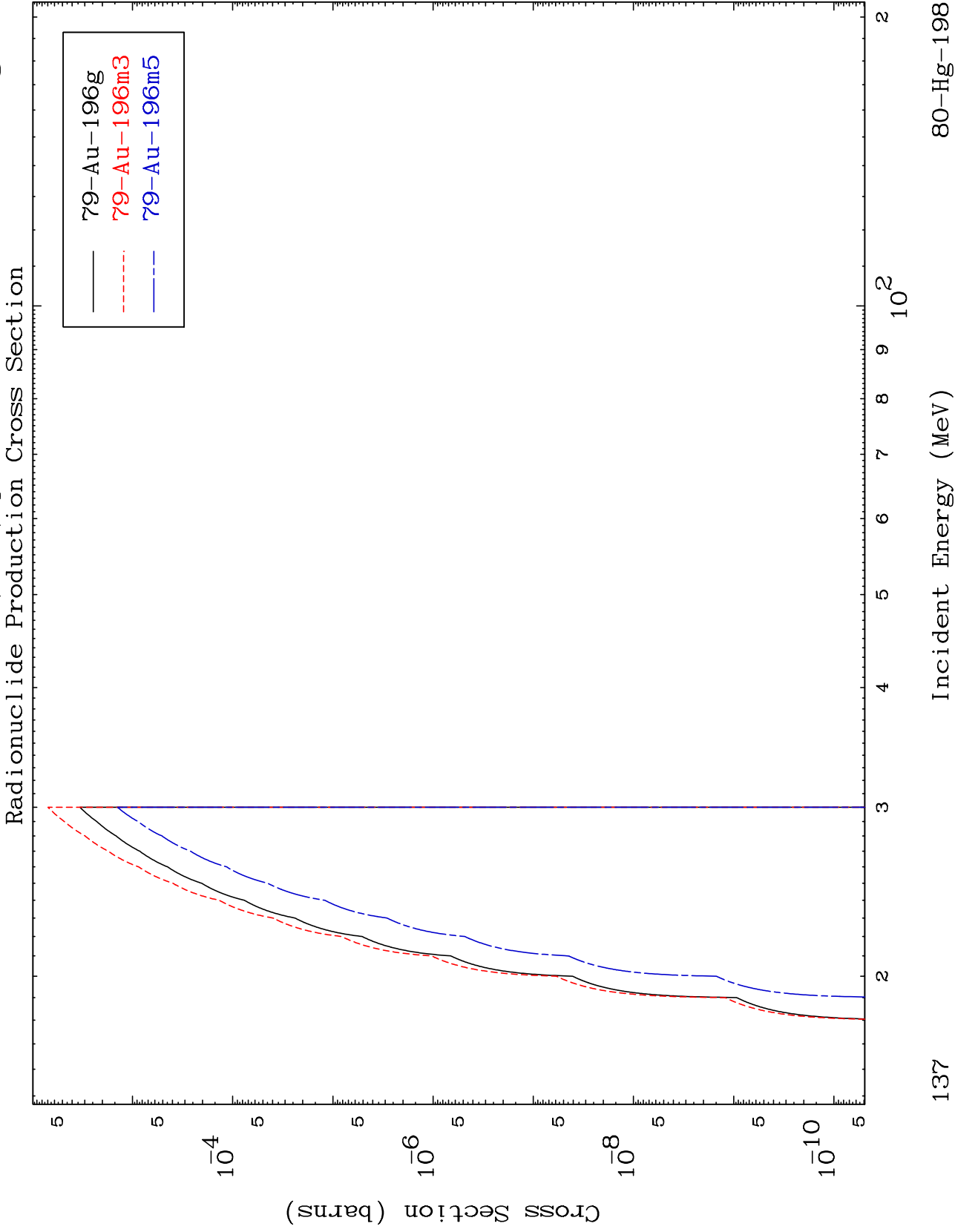
Radionuclide Production Cross Section



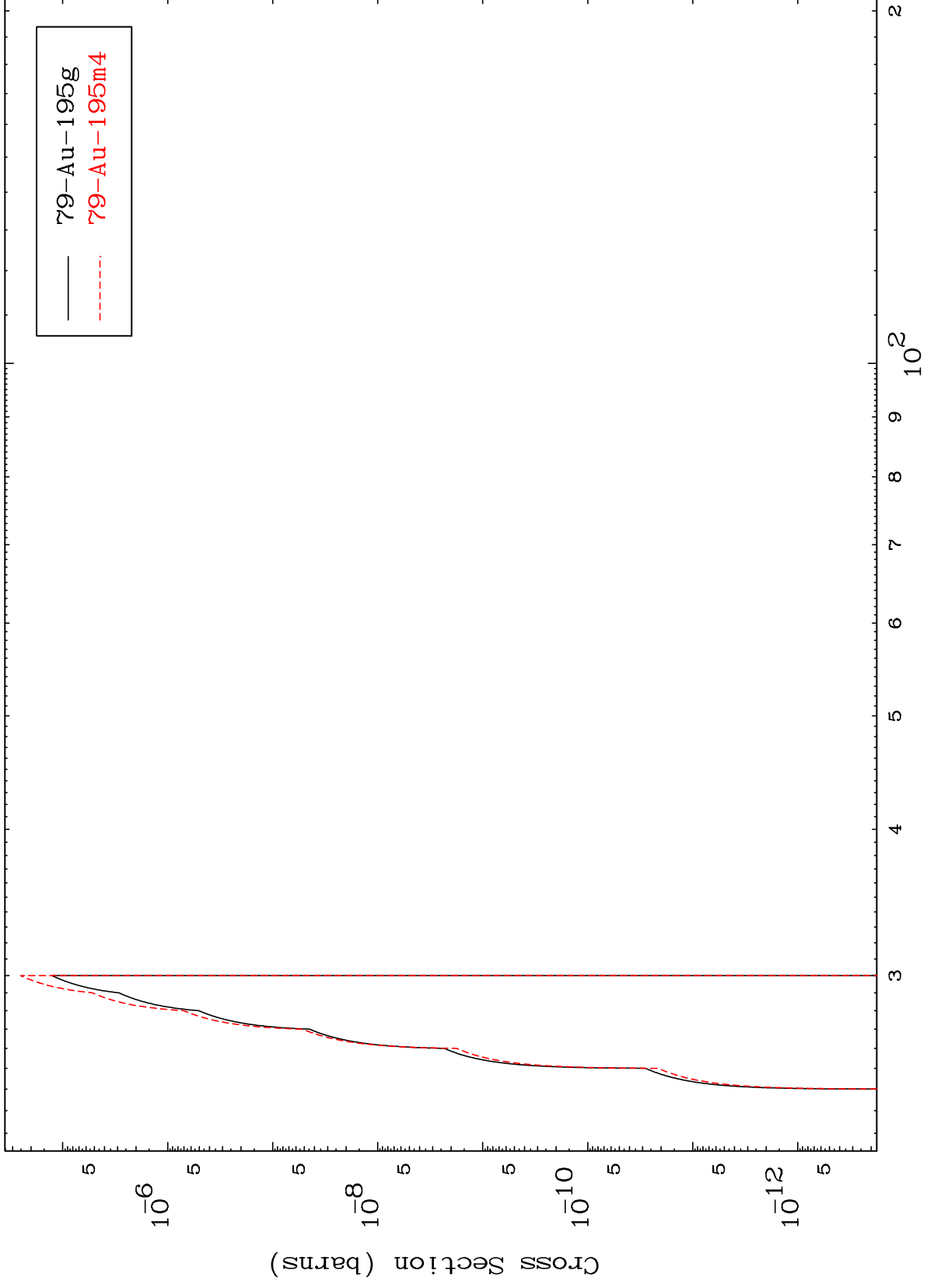
136

Incident Energy (MeV)

80-Hg-198



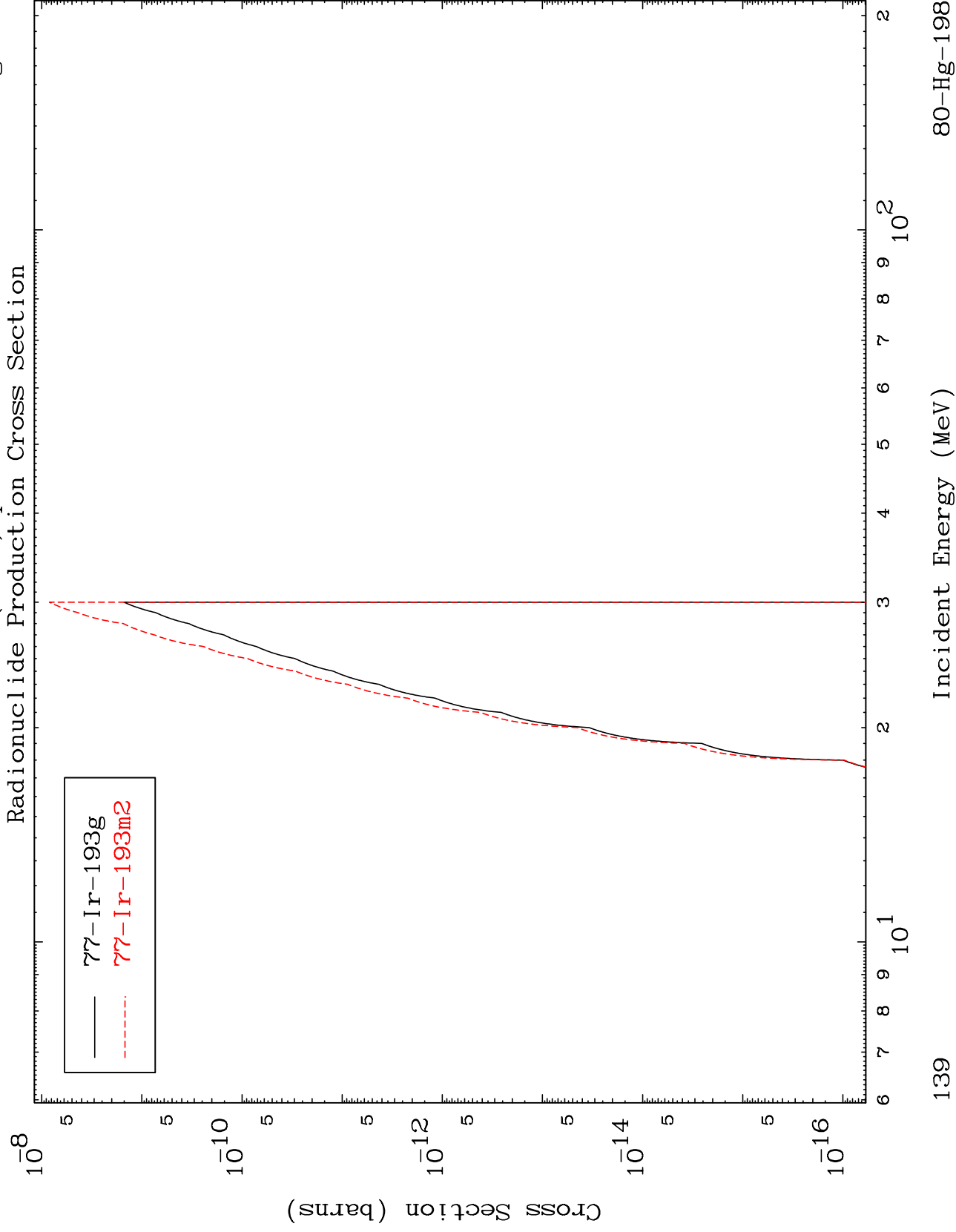
Radionuclide Production Cross Section



MAT 8031

(n,n') p α

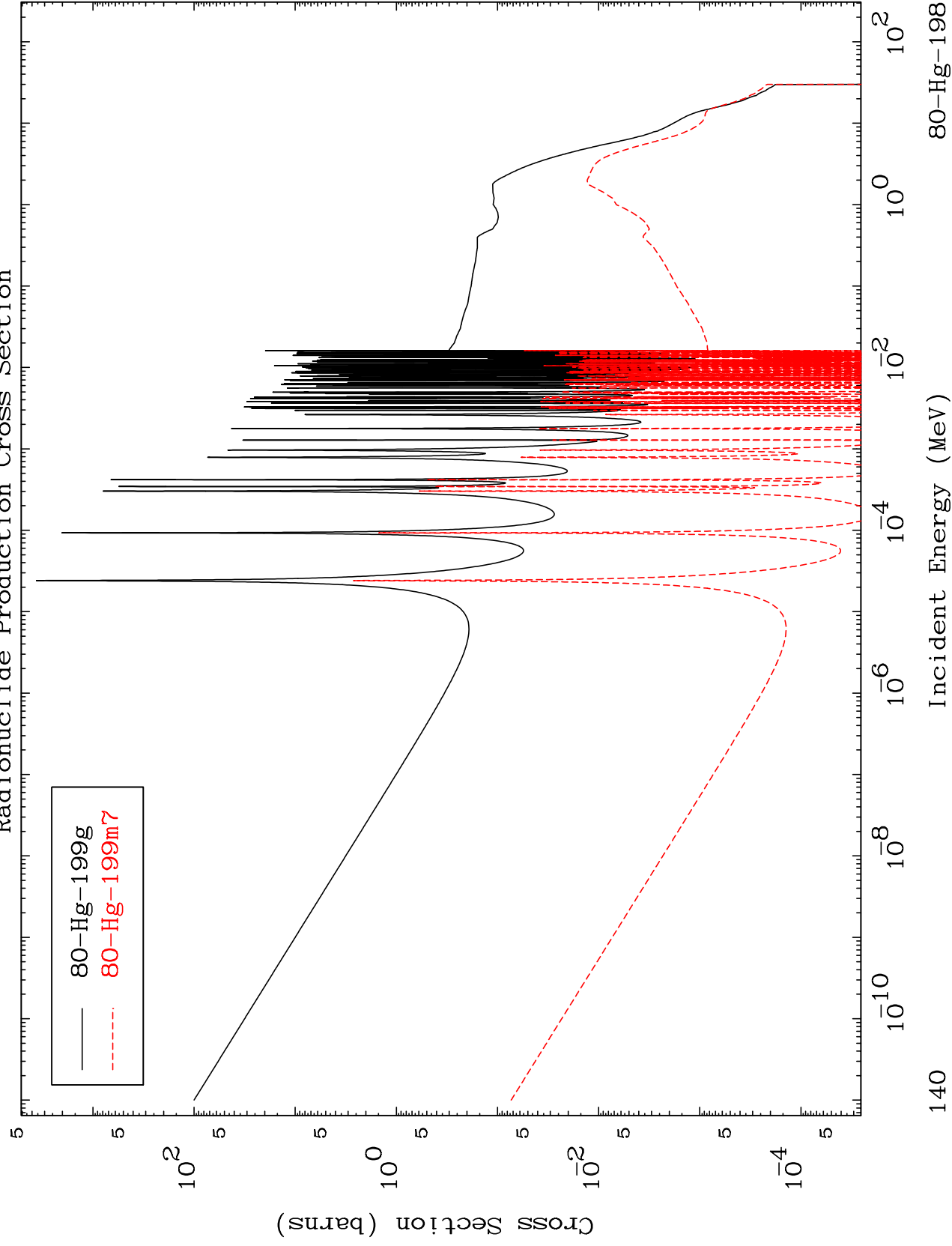
80-Hg-198



MAT 8031

80-Hg-198

(n, γ)
Radionuclide Production Cross Section



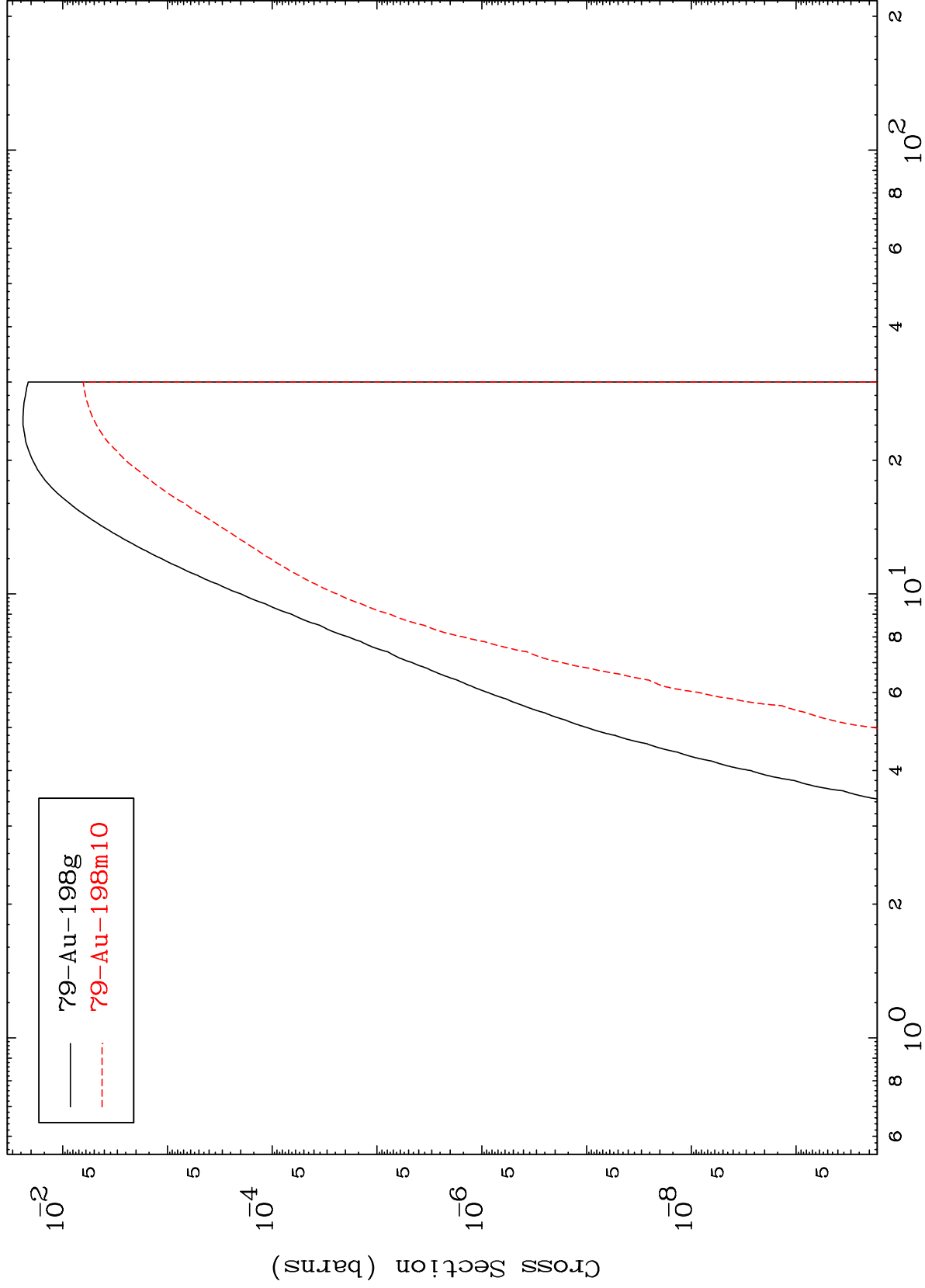
140

80-Hg-198

MAT 8031

80-Hg-198

(n,p)
Radionuclide Production Cross Section



141

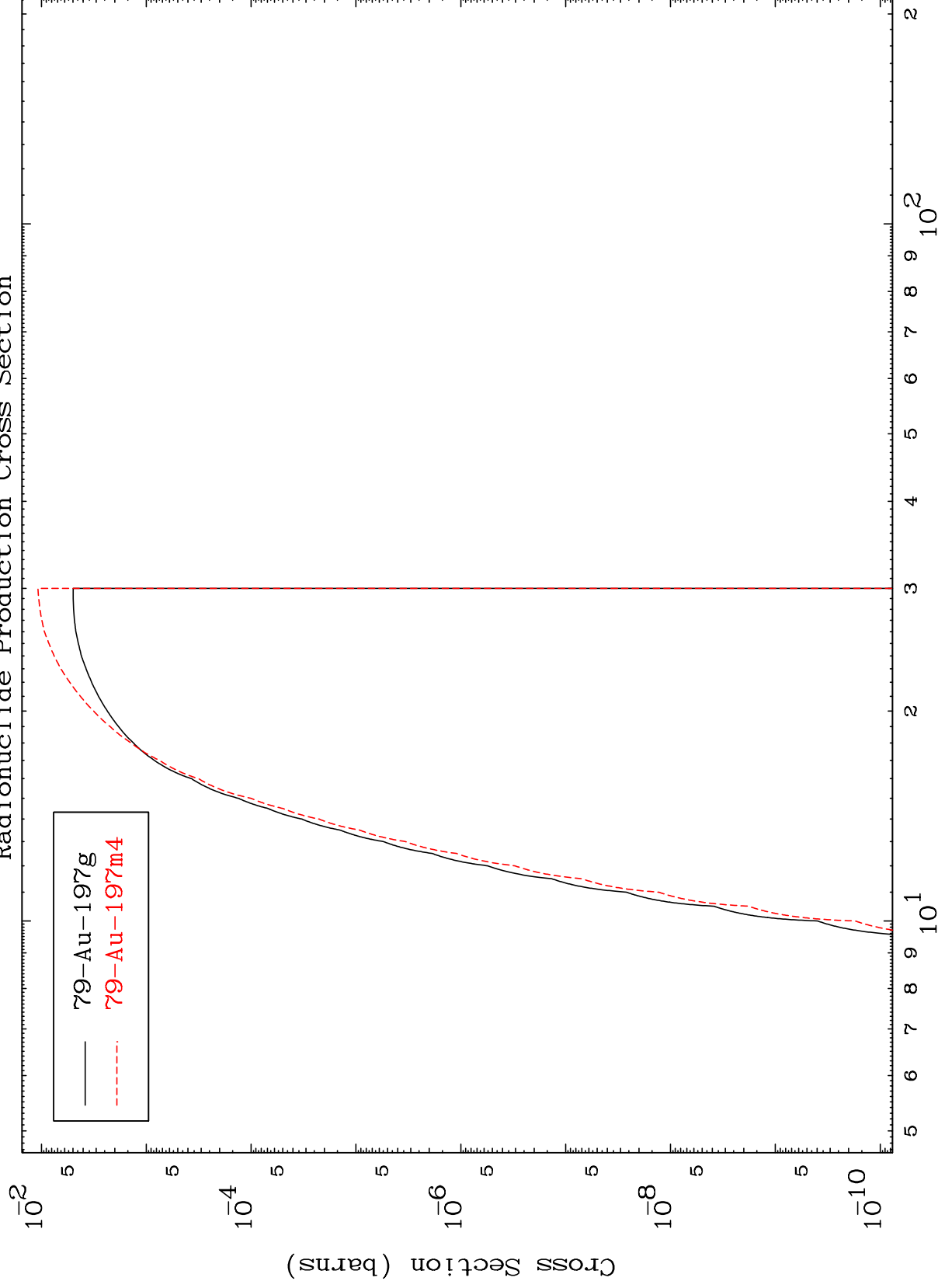
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,d)
Radionuclide Production Cross Section



142

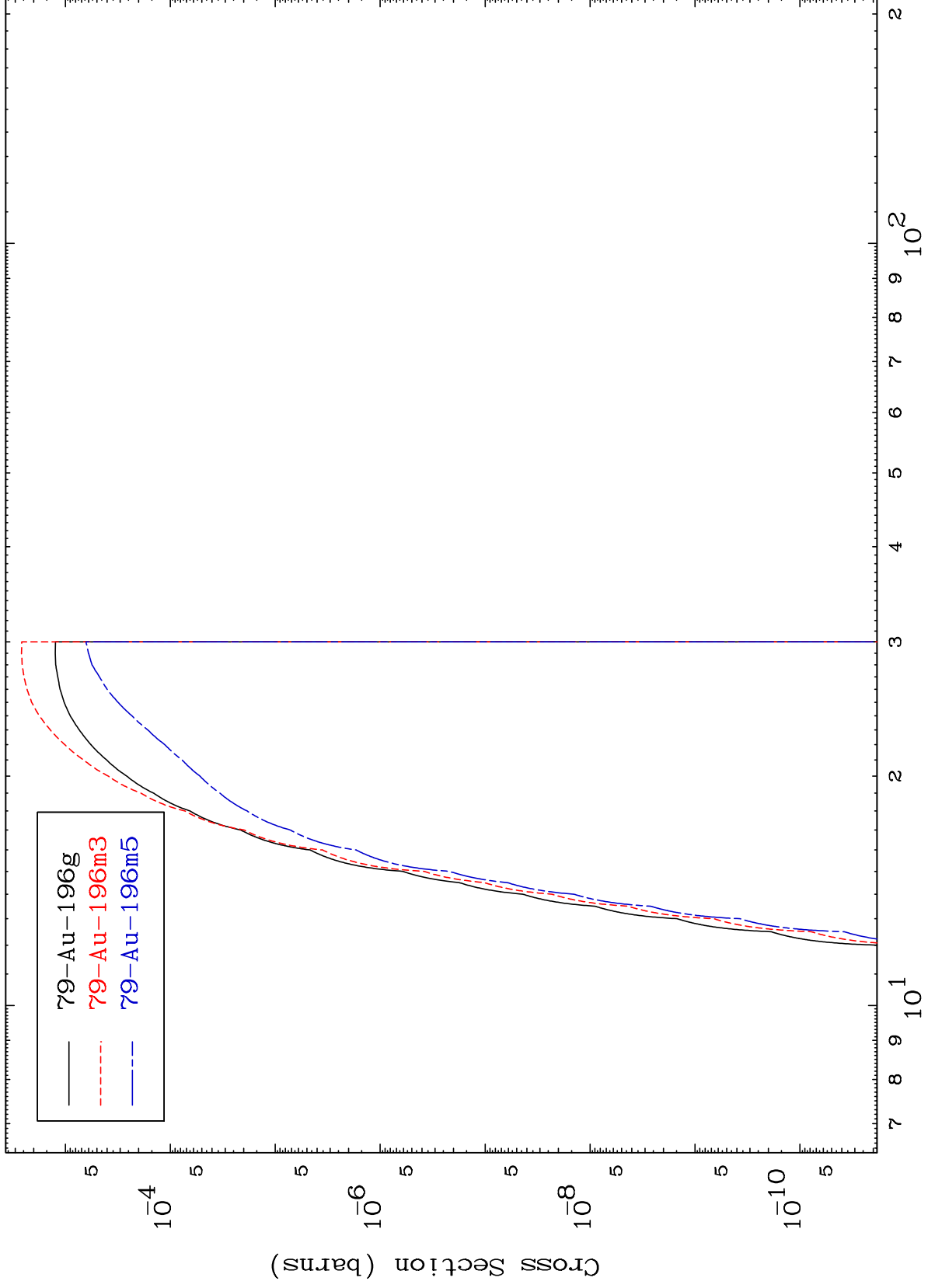
Incident Energy (MeV)

80-Hg-198

MAT 8031

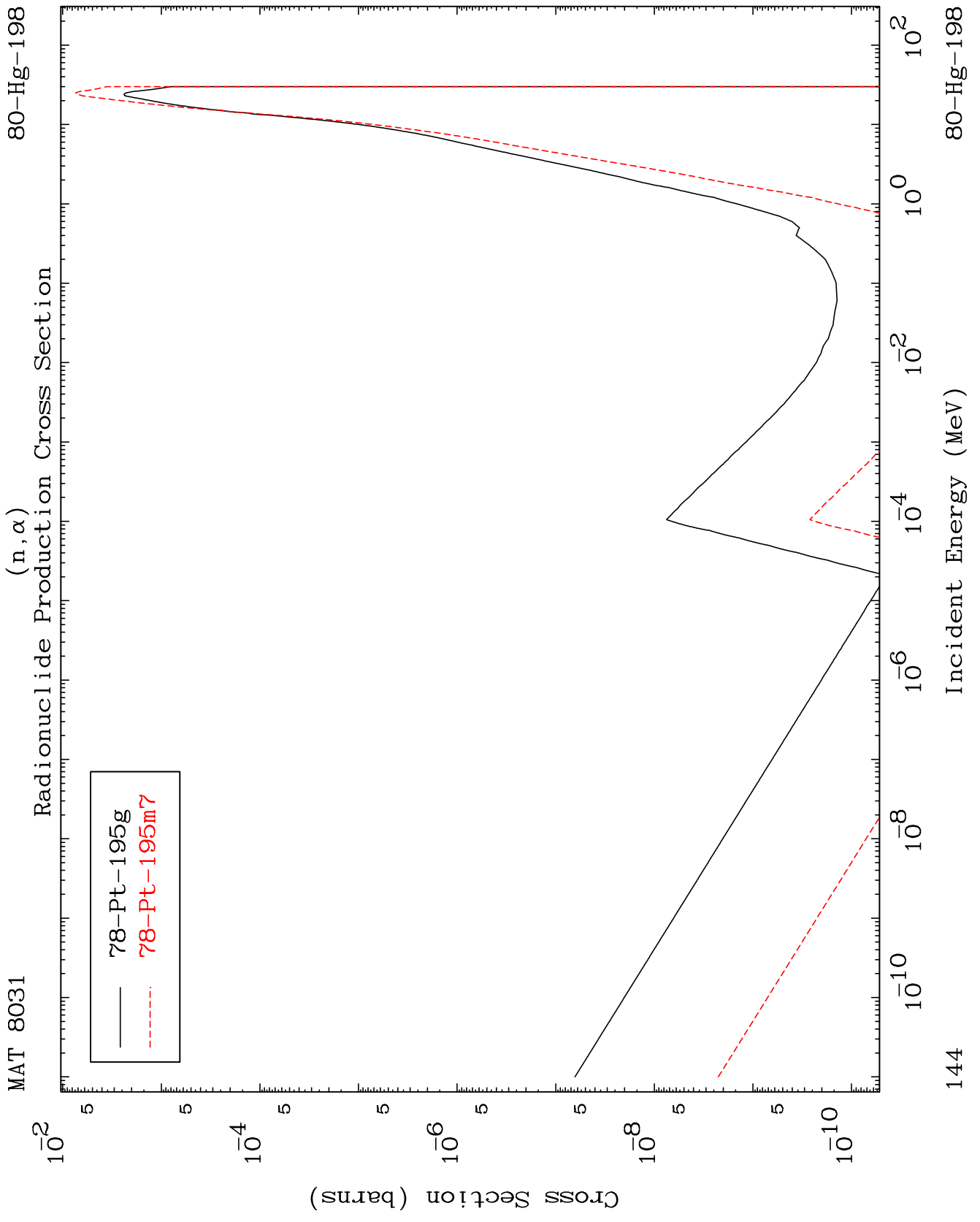
80-Hg-198

(n,t)
Radionuclide Production Cross Section



143

80-Hg-198

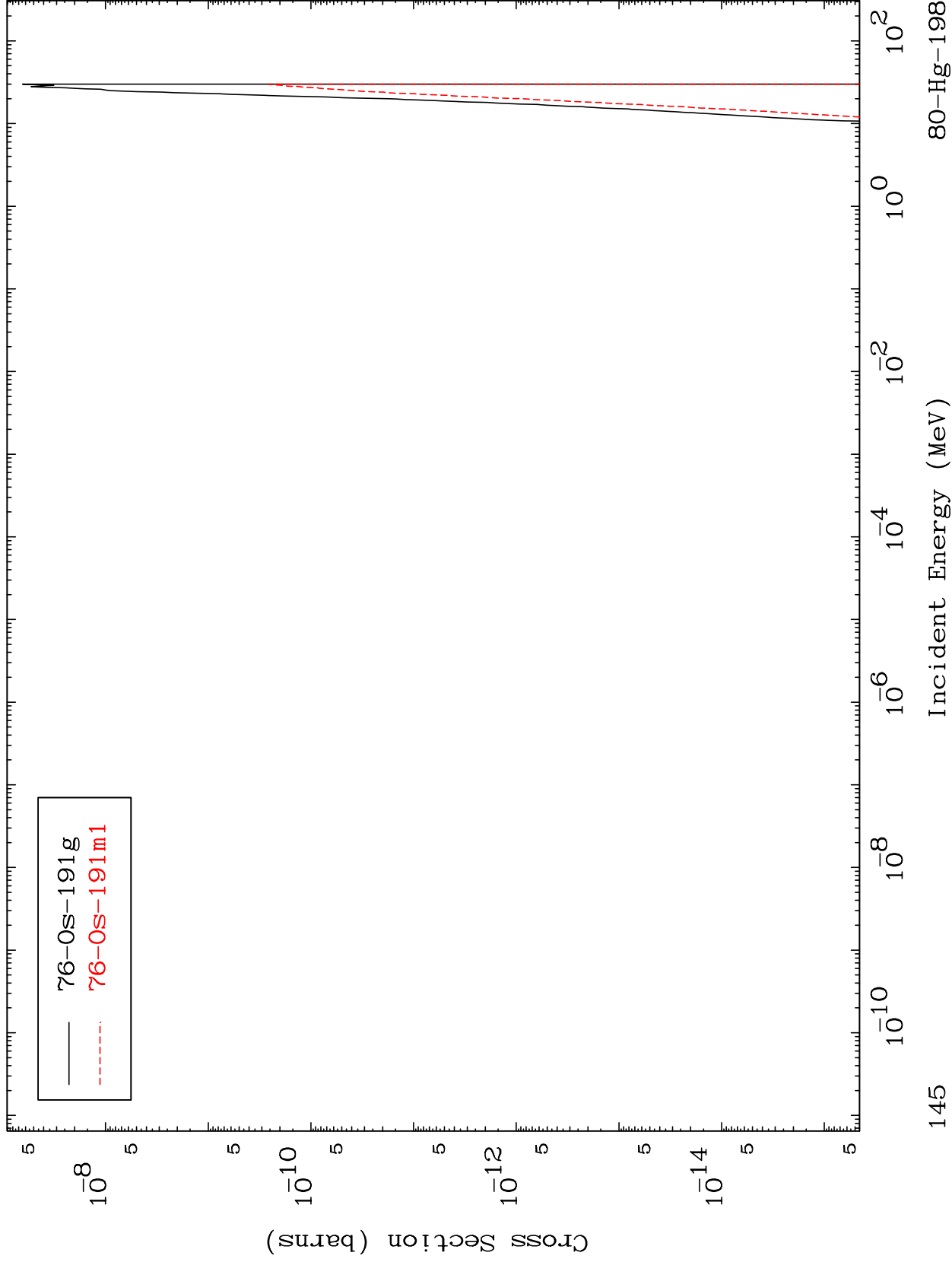


MAT 8031

(n,2α)

80-Hg-198

Radionuclide Production Cross Section

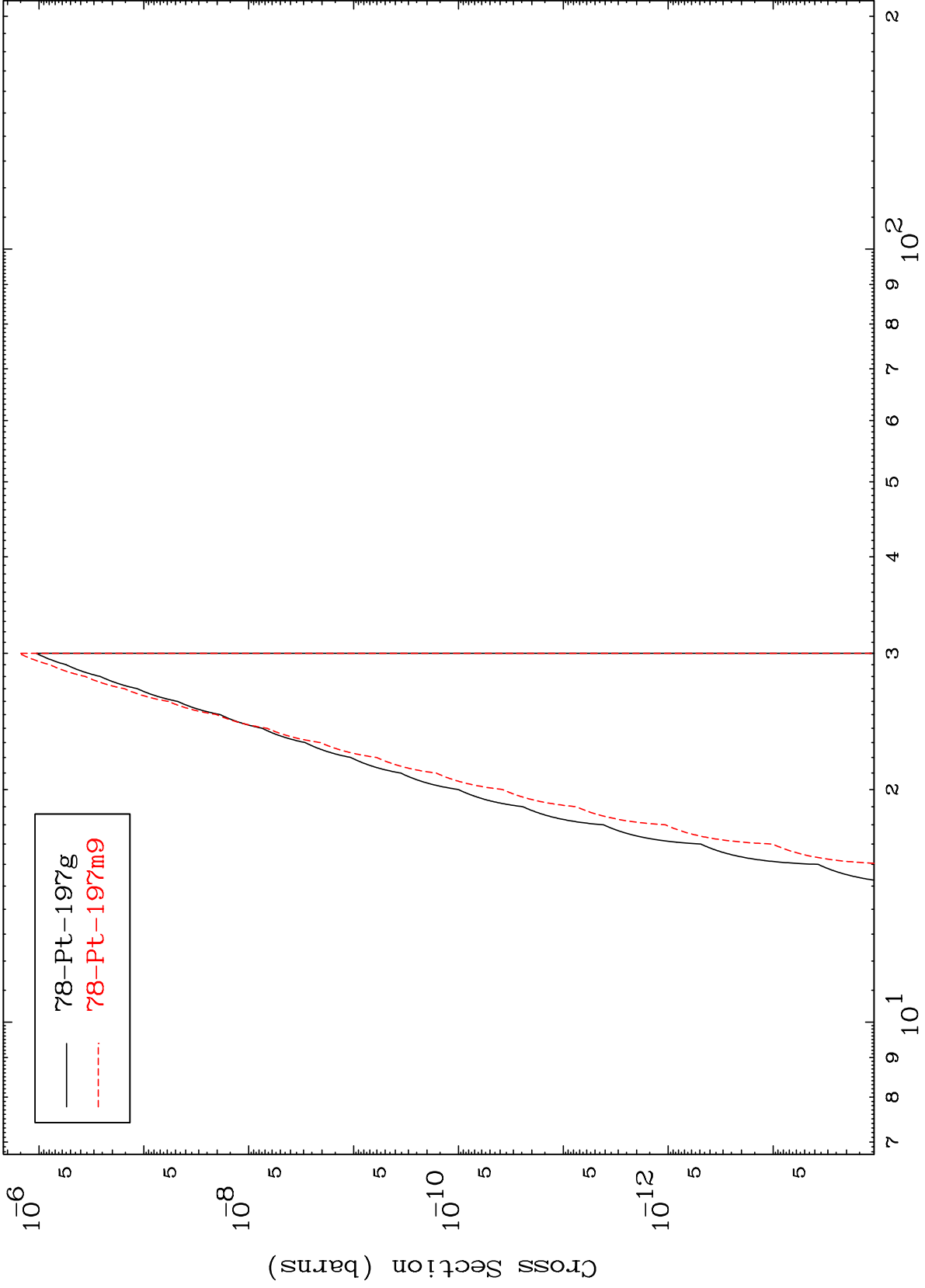


145

MAT 8031

80-Hg-198

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

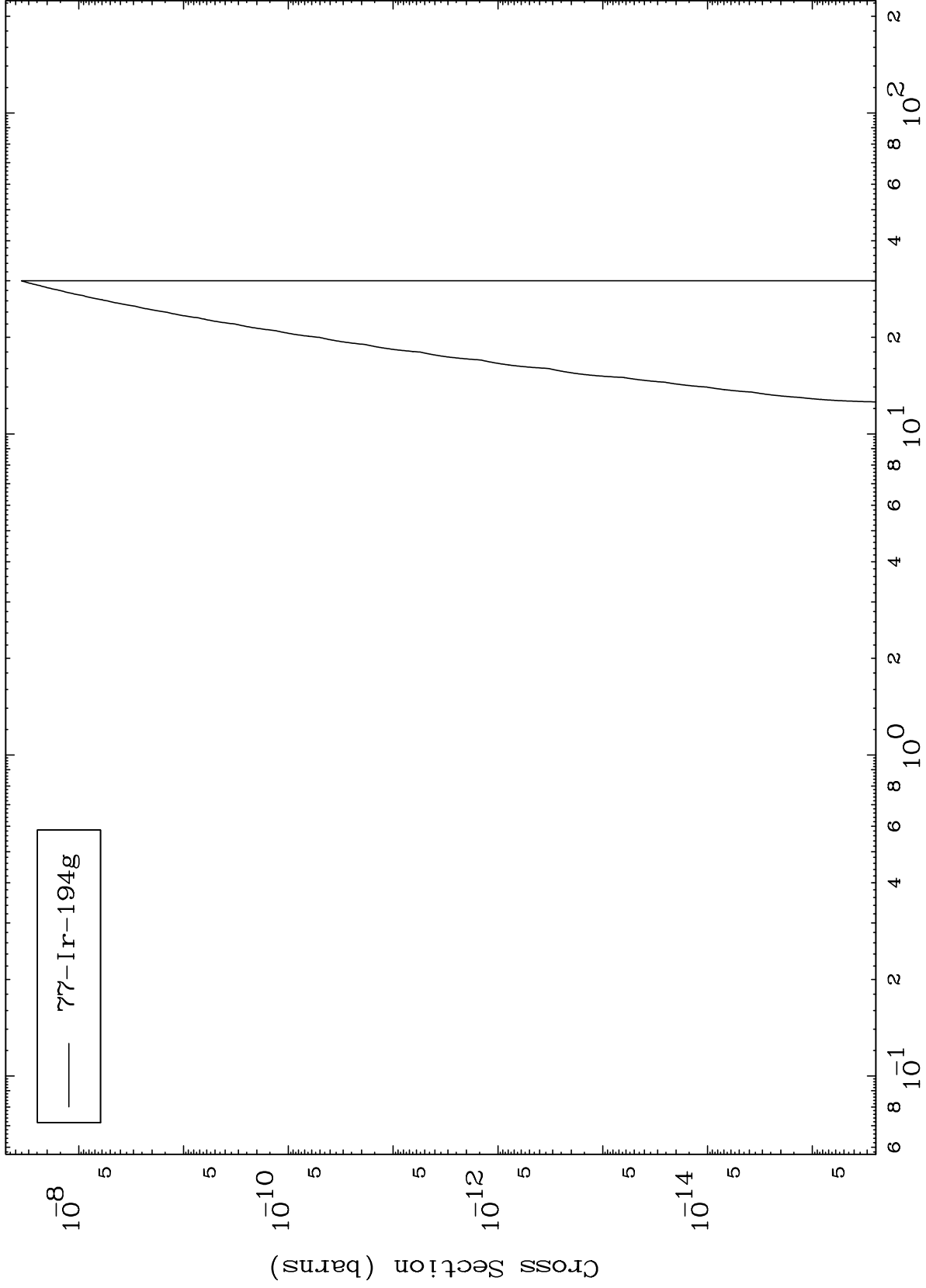
80-Hg-198

MAT 8031

(n,p) α

80-Hg-198

Radionuclide Production Cross Section



147

Incident Energy (MeV)

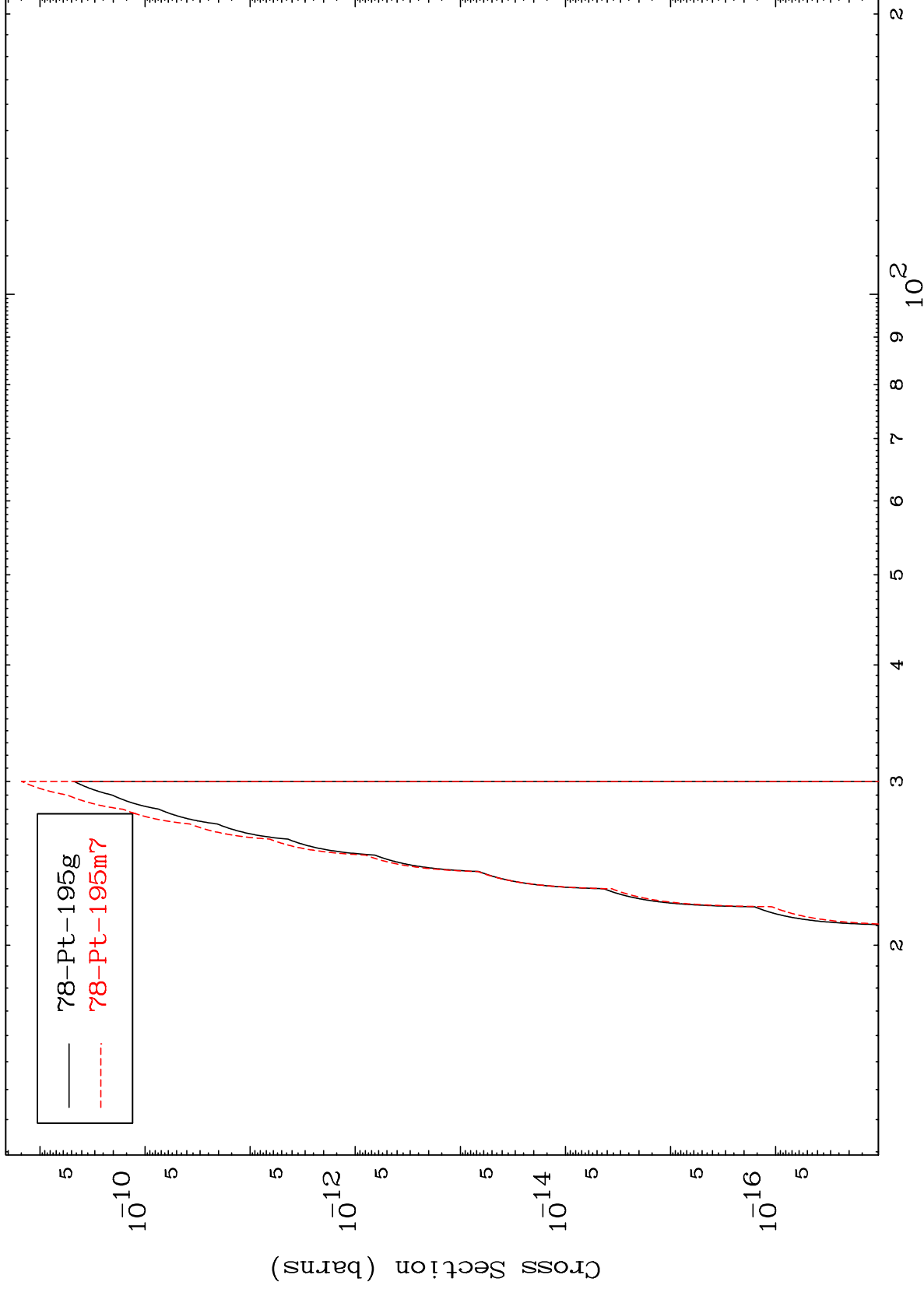
80-Hg-198

MAT 8031

(n,p) t

80-Hg-198

Radionuclide Production Cross Section



148

Incident Energy (MeV)

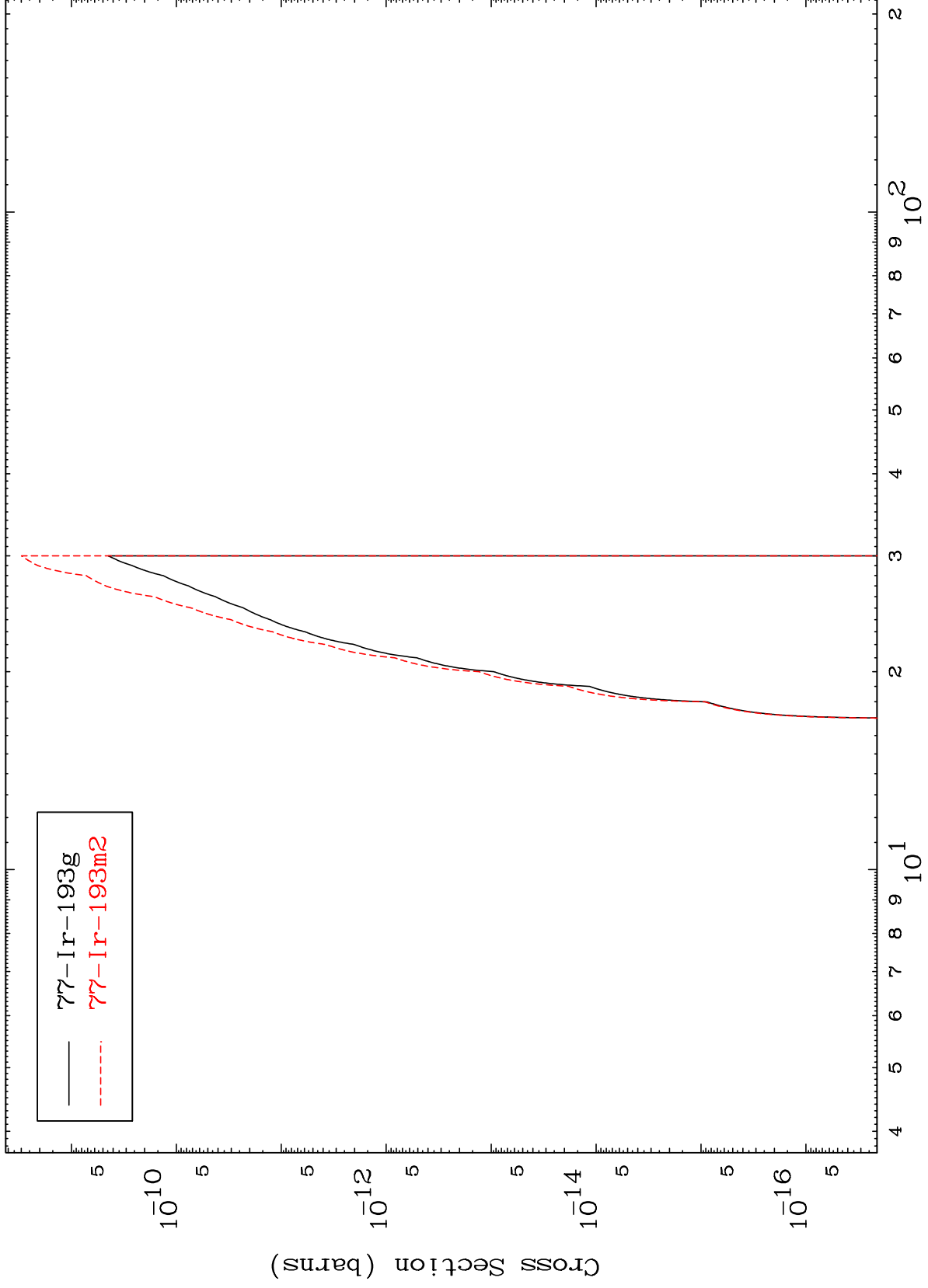
80-Hg-198

MAT 8031

(n,d) α

80-Hg-198

Radionuclide Production Cross Section



149

Incident Energy (MeV)

80-Hg-198