

Program EVALPLOT
(Version 2017-1)

by

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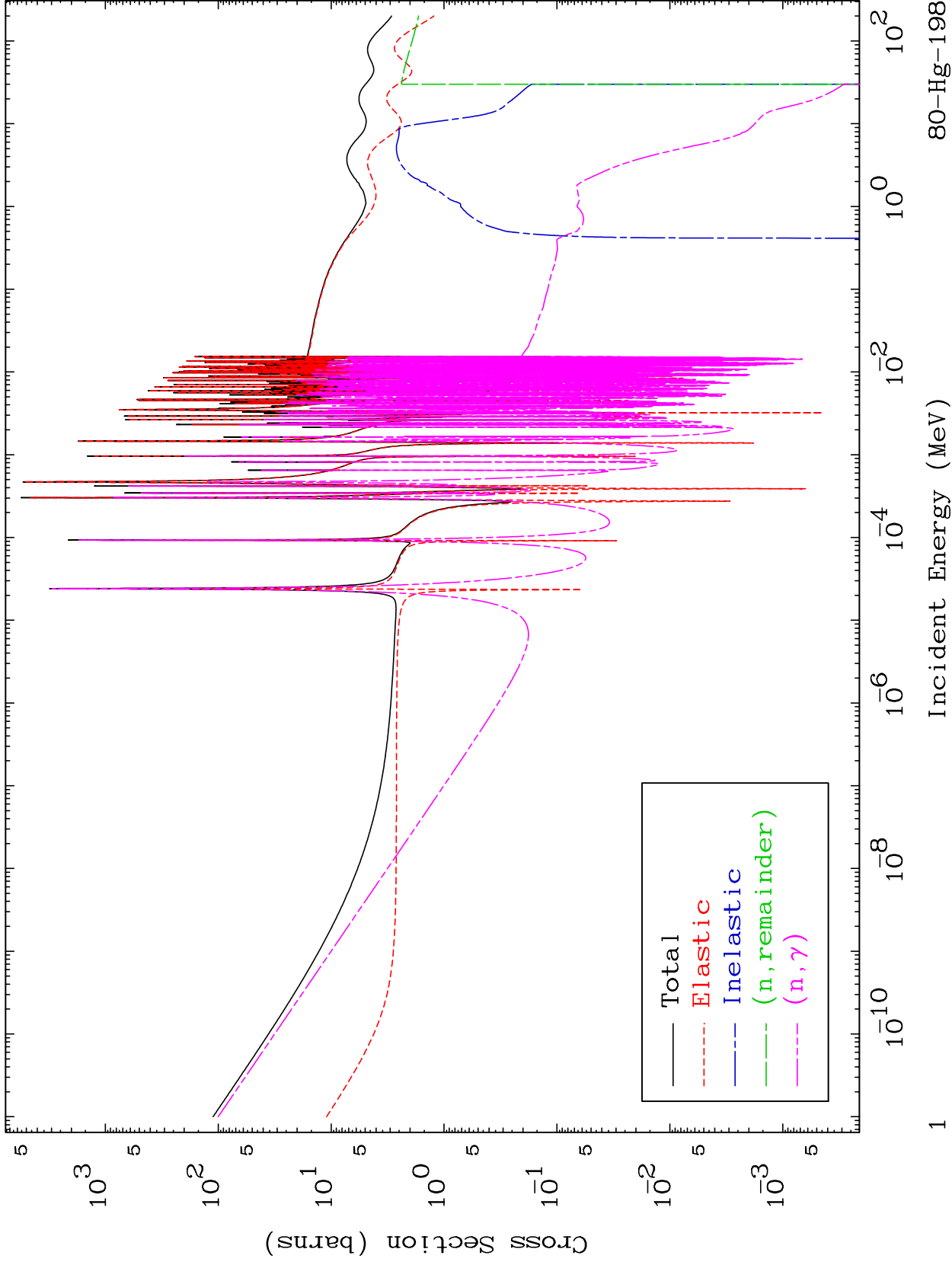
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8031

Major
293 Kelvin Cross Sections

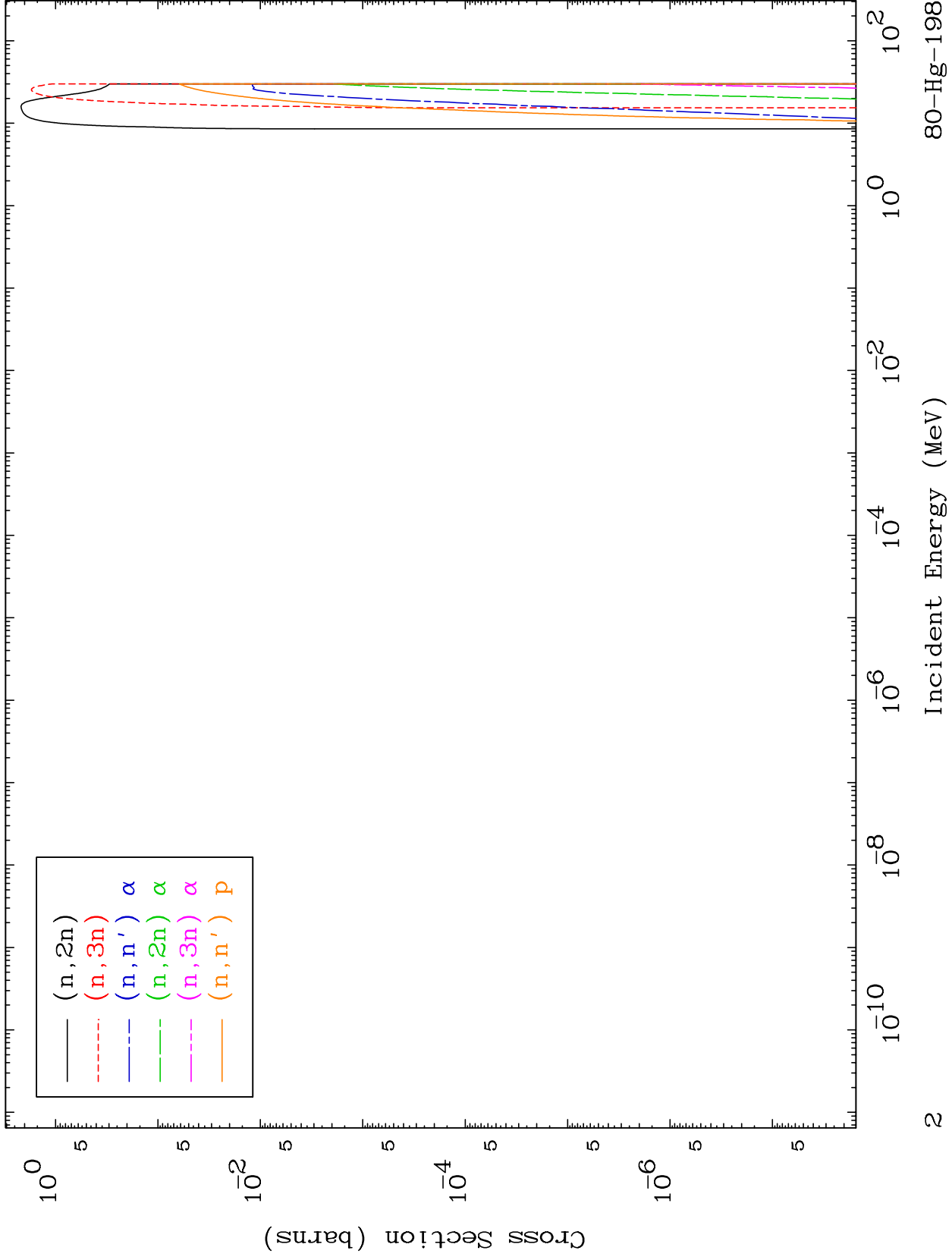
80-Hg-198

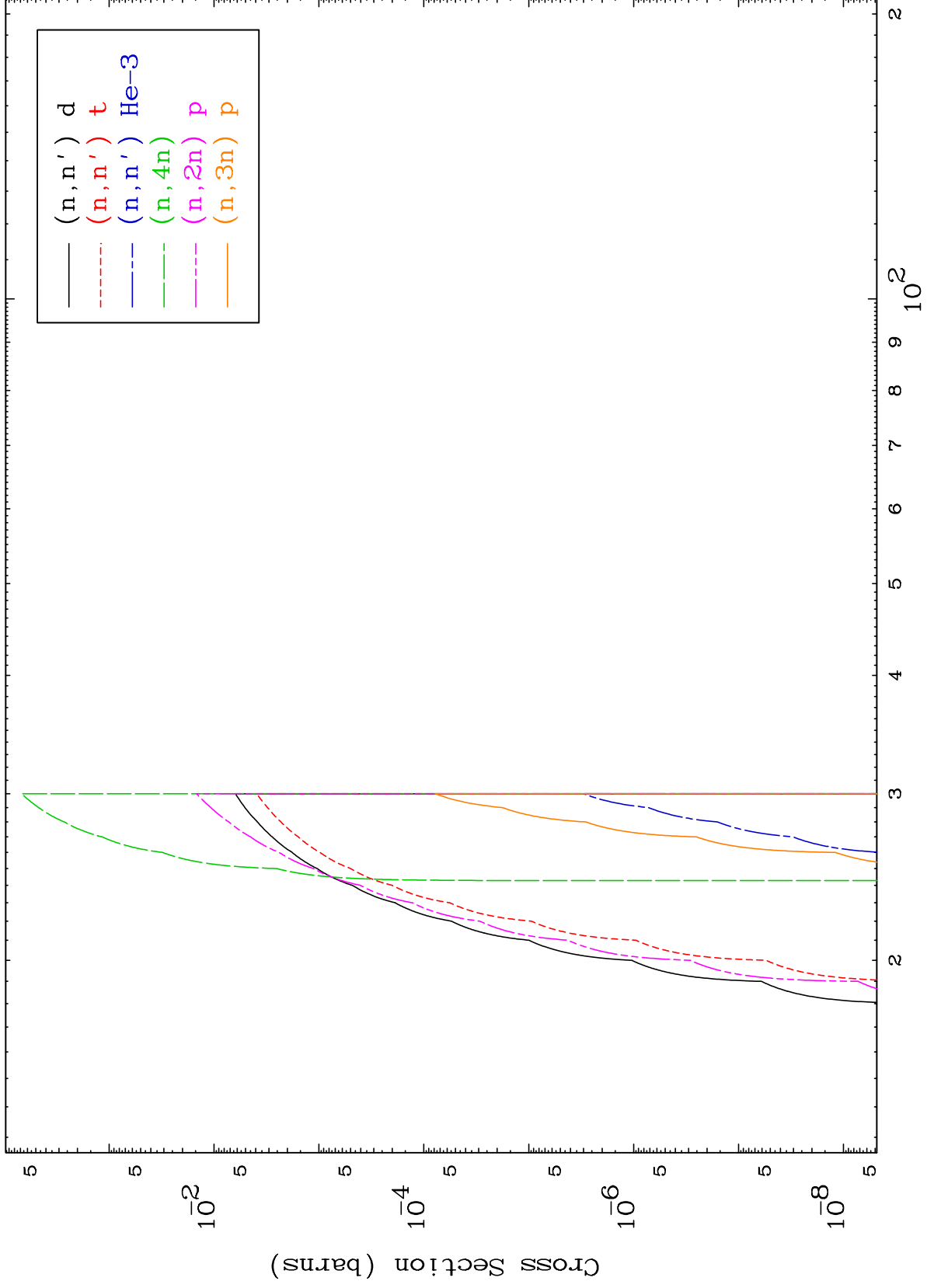


MAT 8031

Neutron Production
293 Kelvin Cross Sections

80-Hg-198

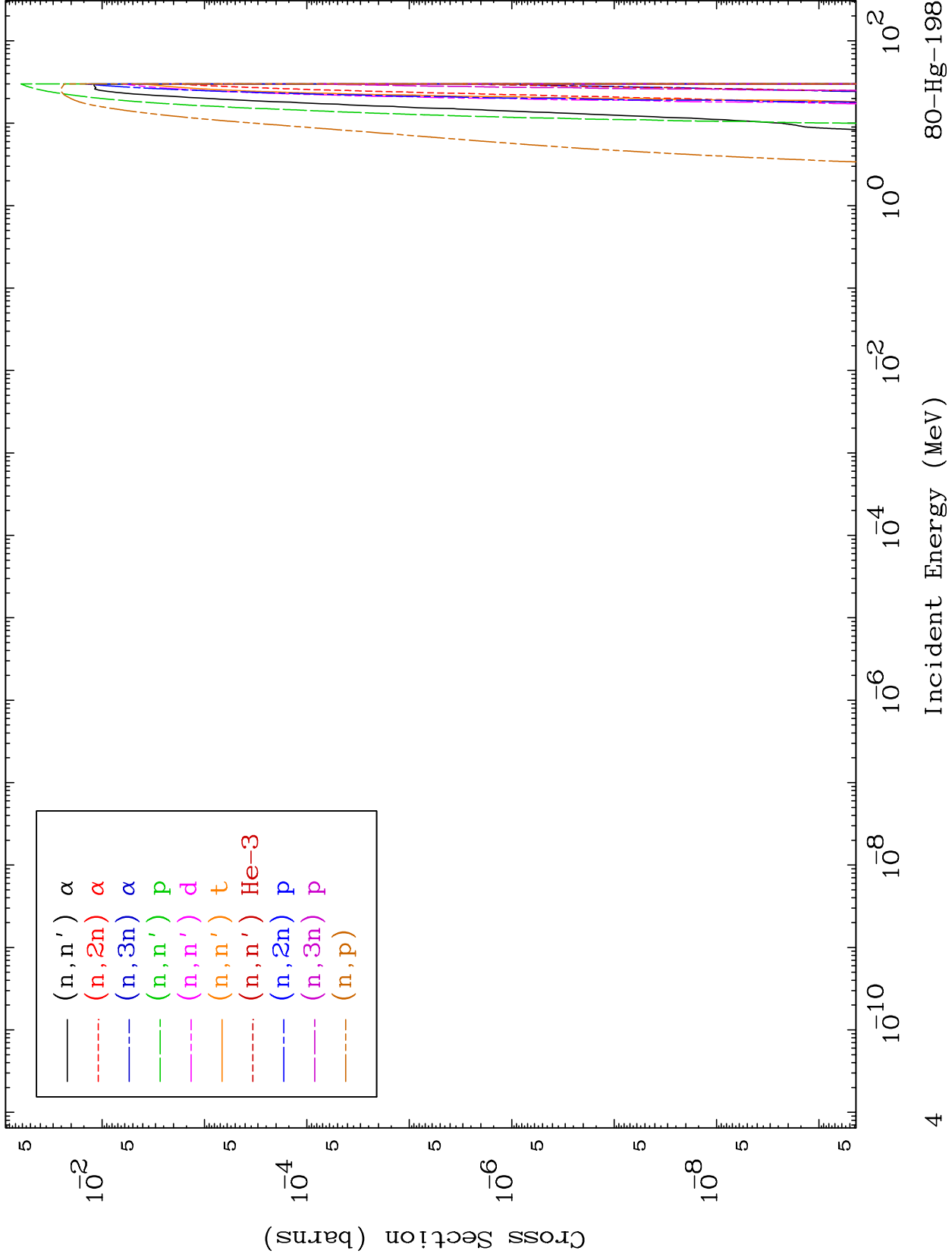




MAT 8031

Charged Particle
293 Kelvin Cross Sections

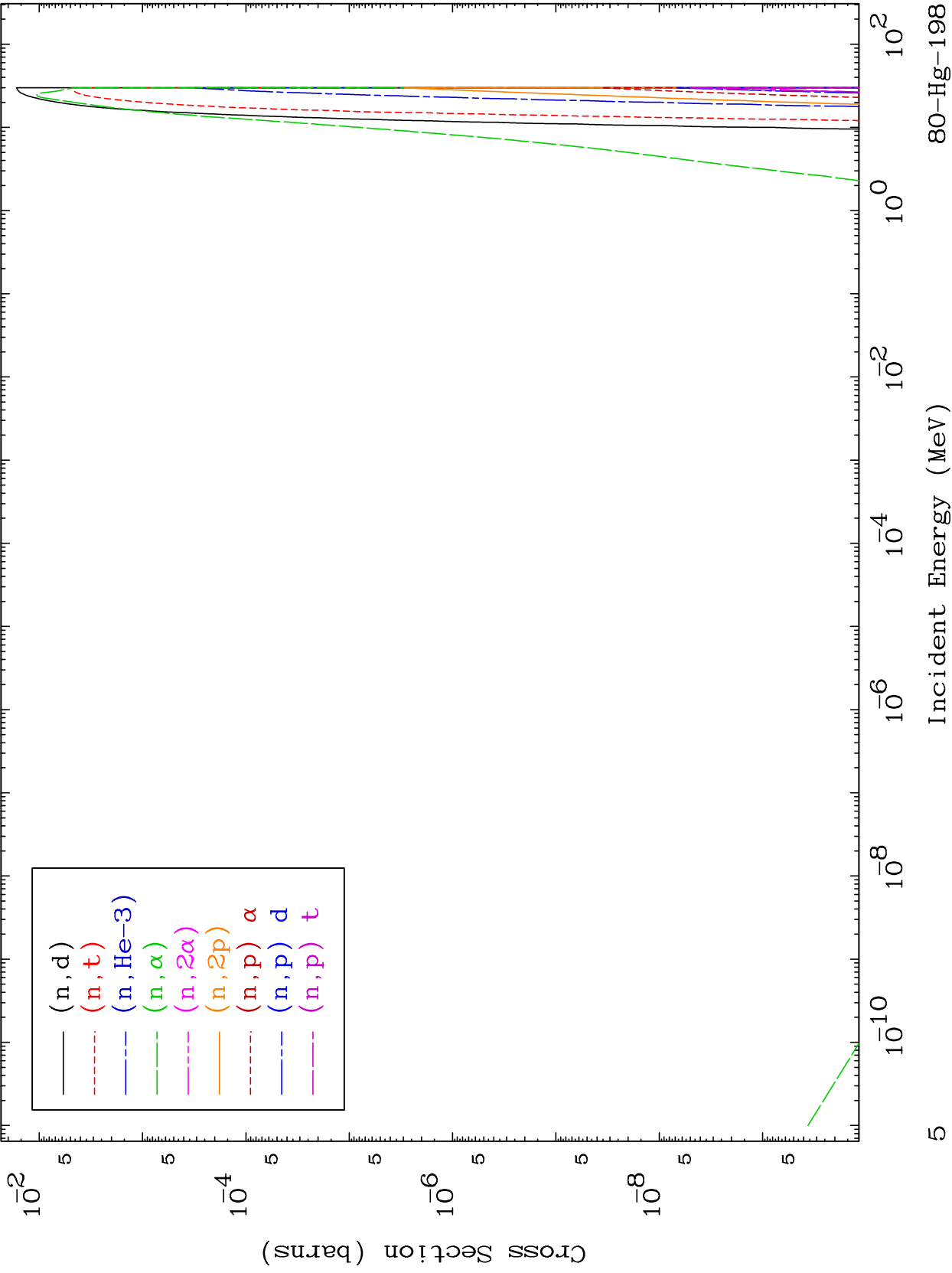
80-Hg-198

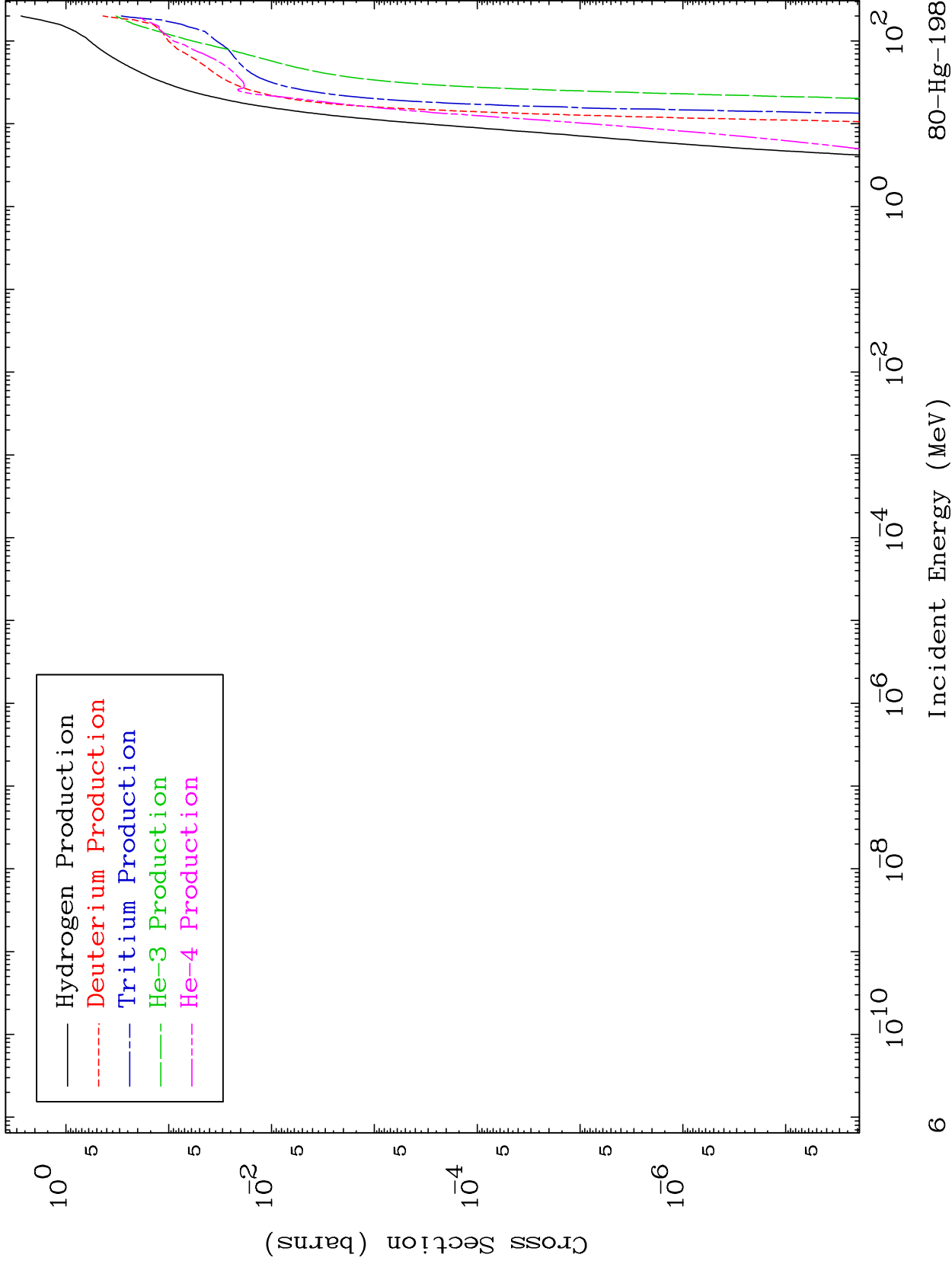


MAT 8031

Charged Particle
293 Kelvin Cross Sections

80-Hg-198



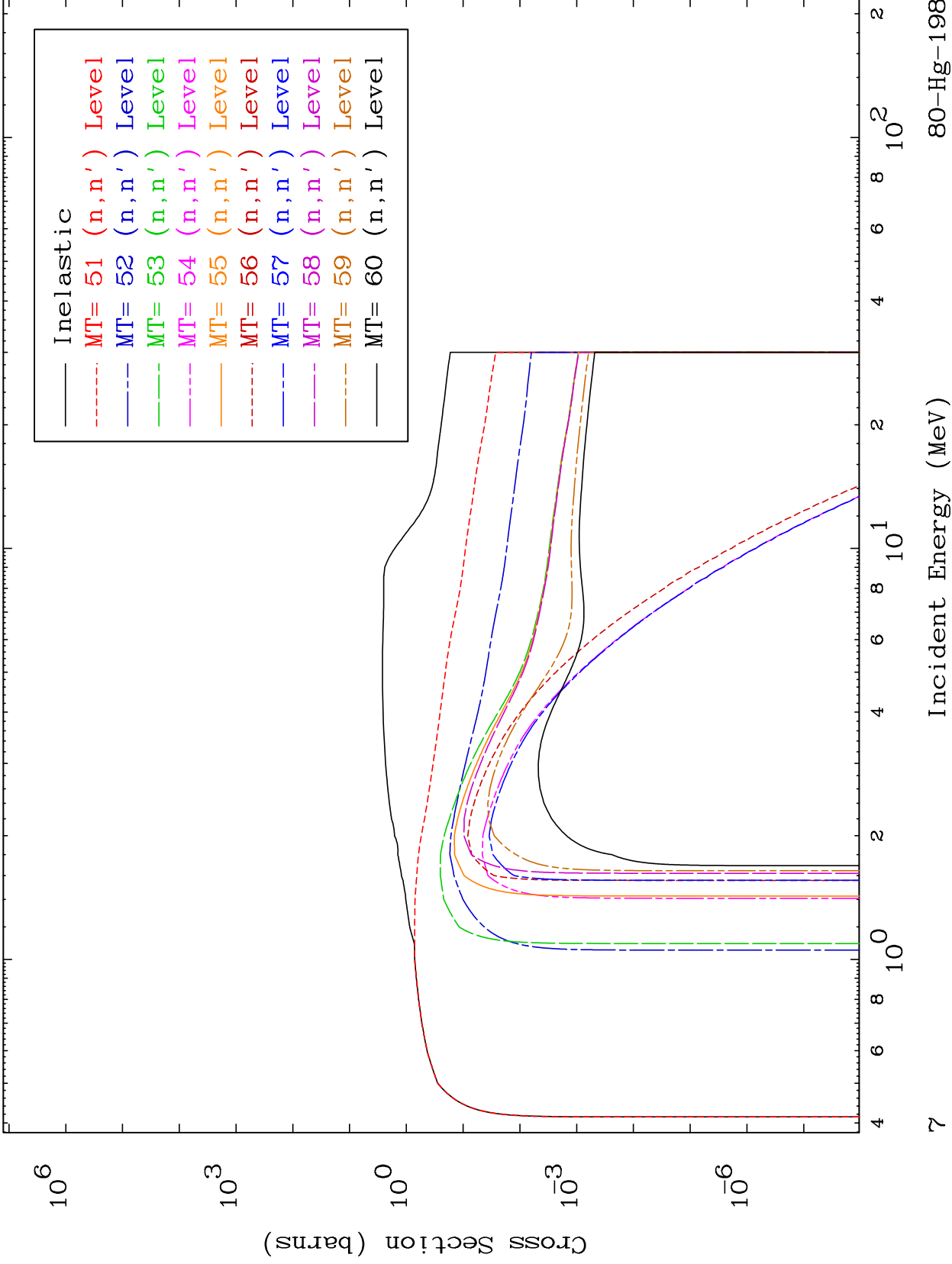


MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections

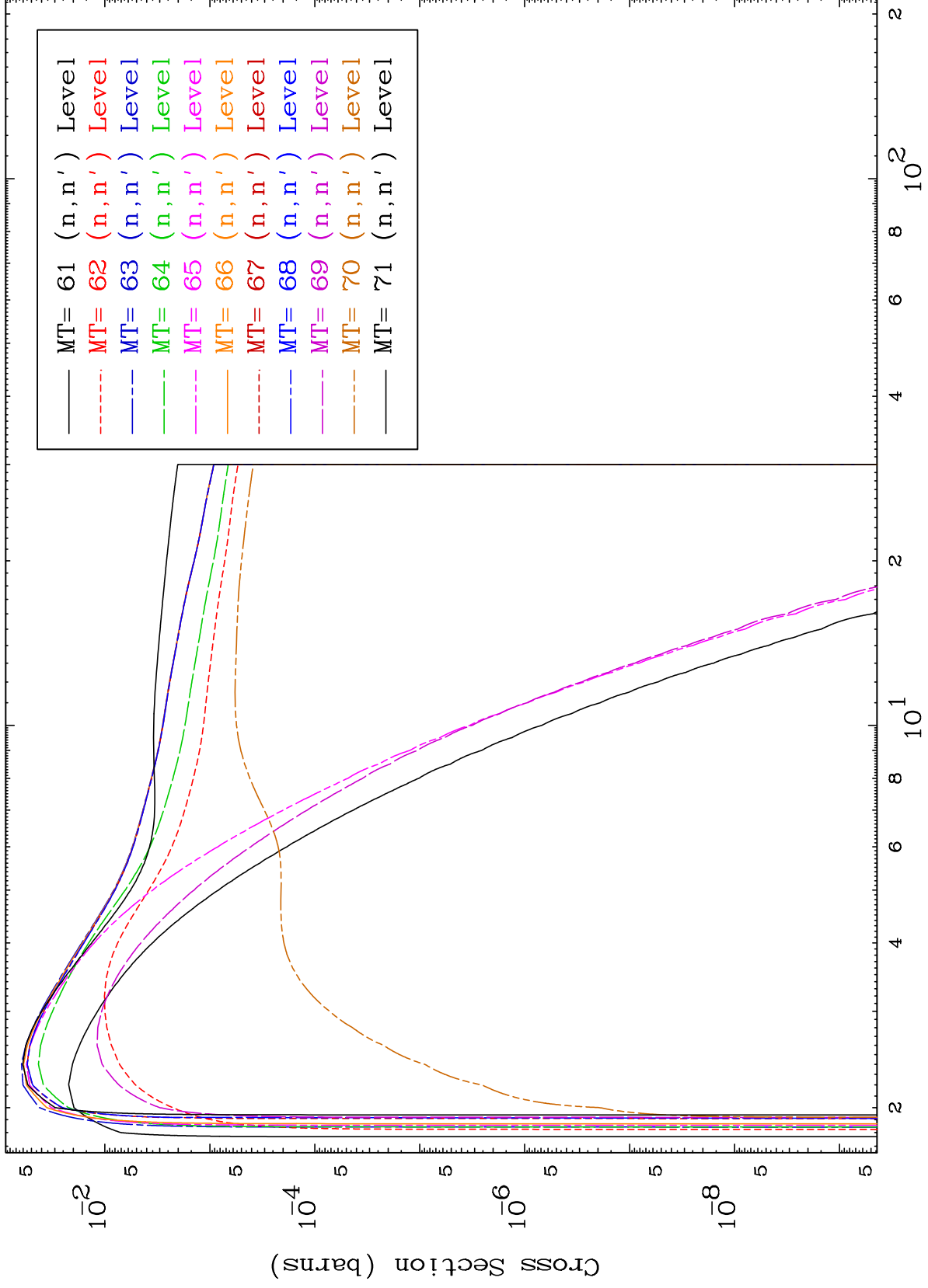


MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections



8

Incident Energy (MeV)

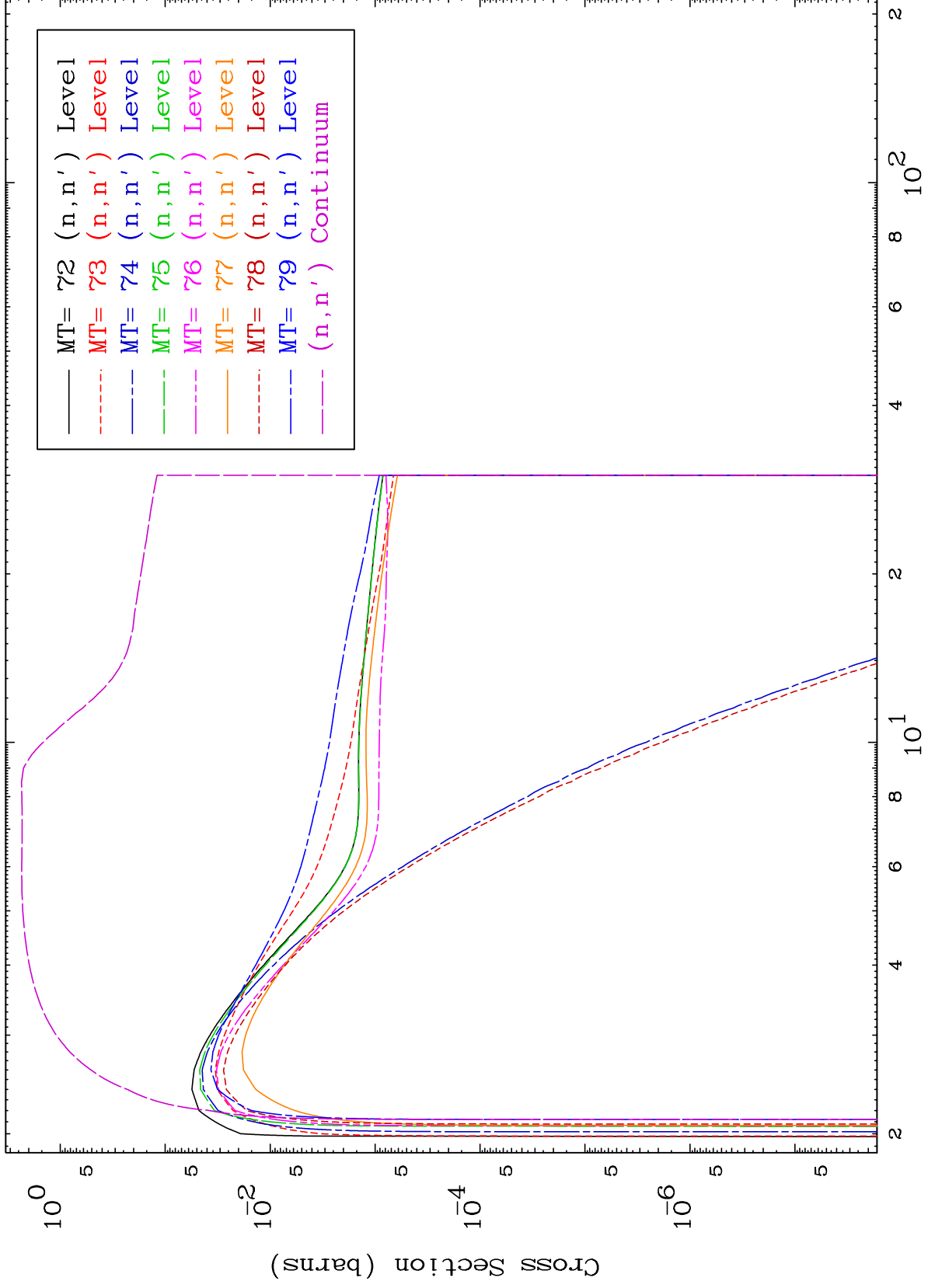
80-Hg-198

MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections



9

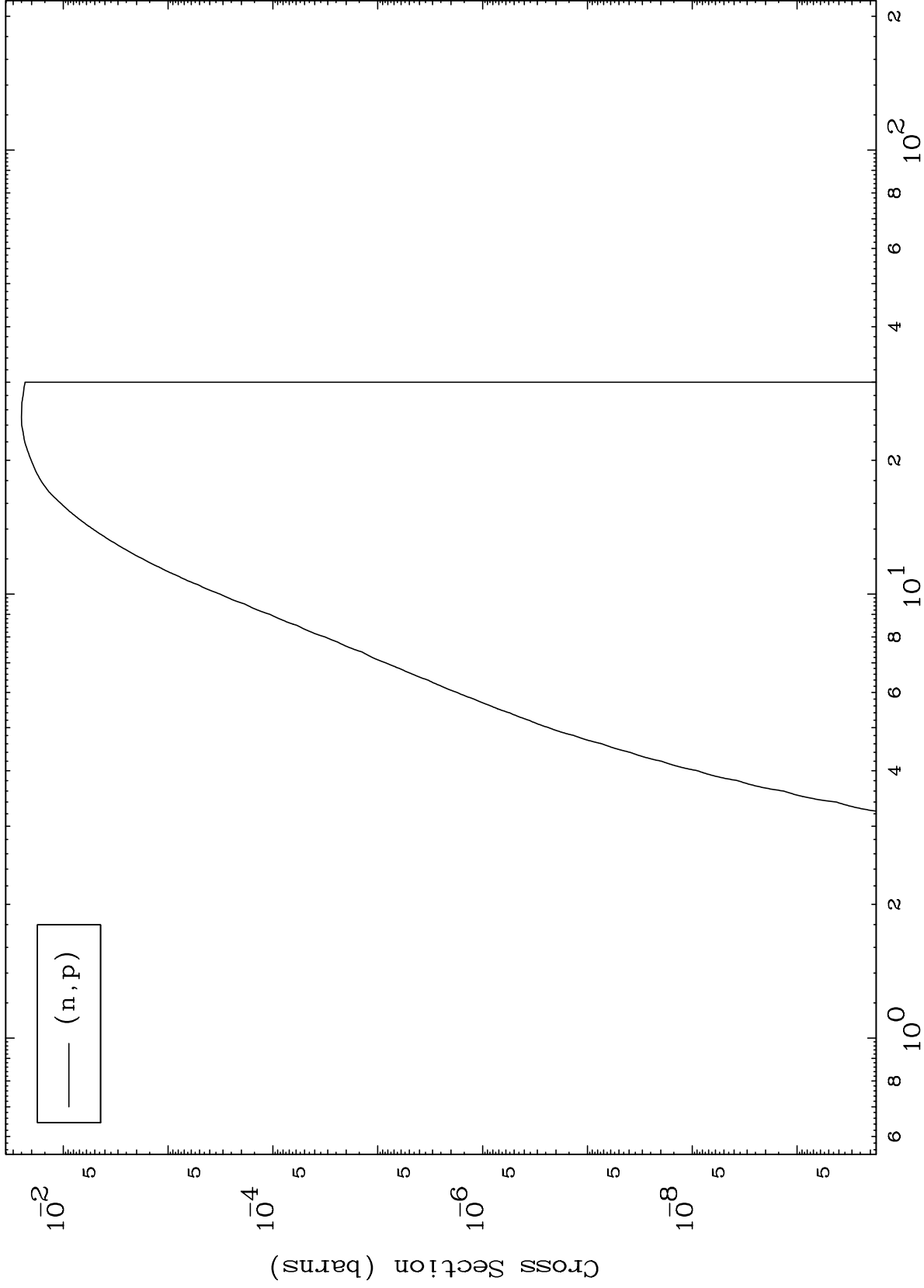
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-198



10

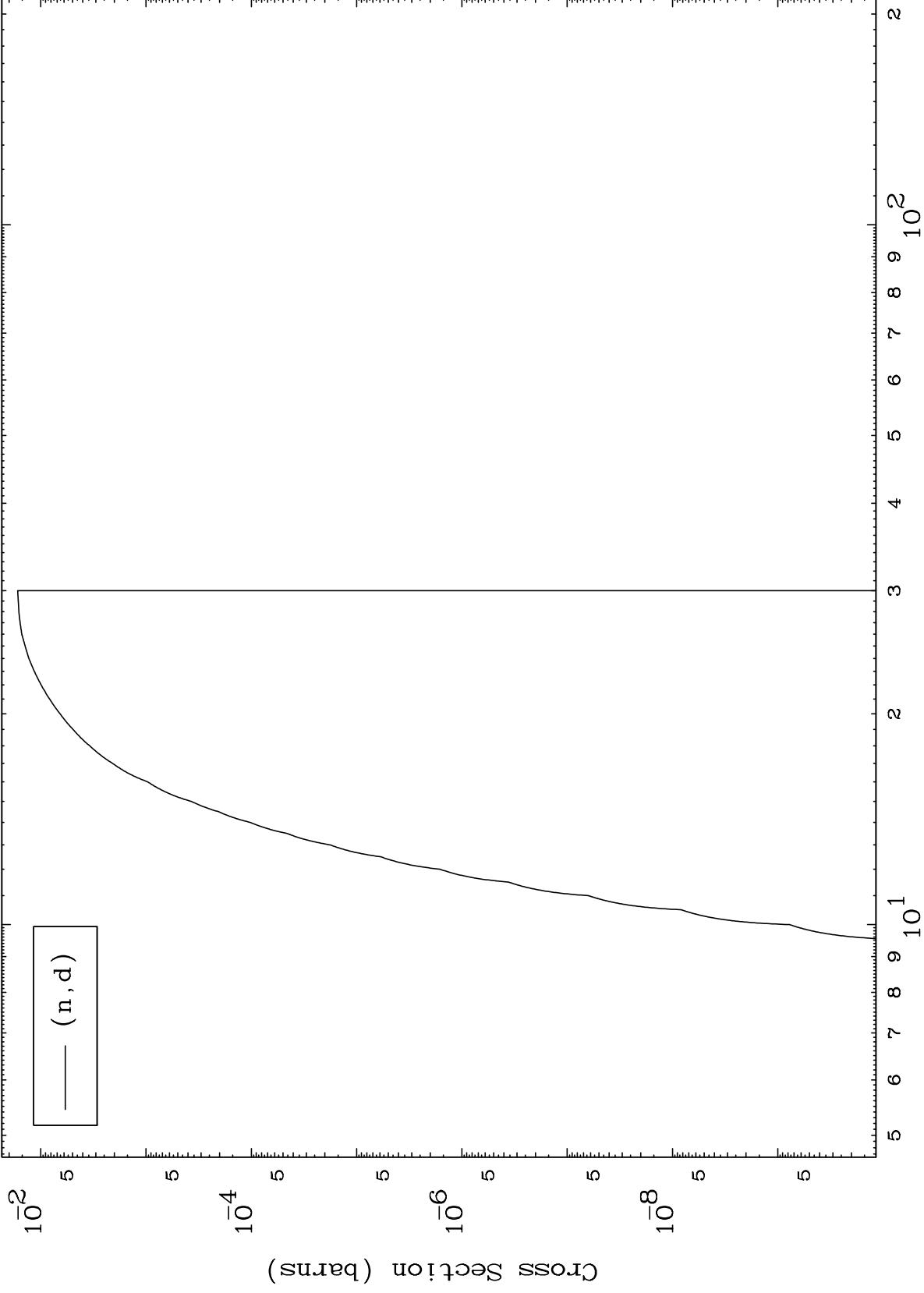
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-198



11

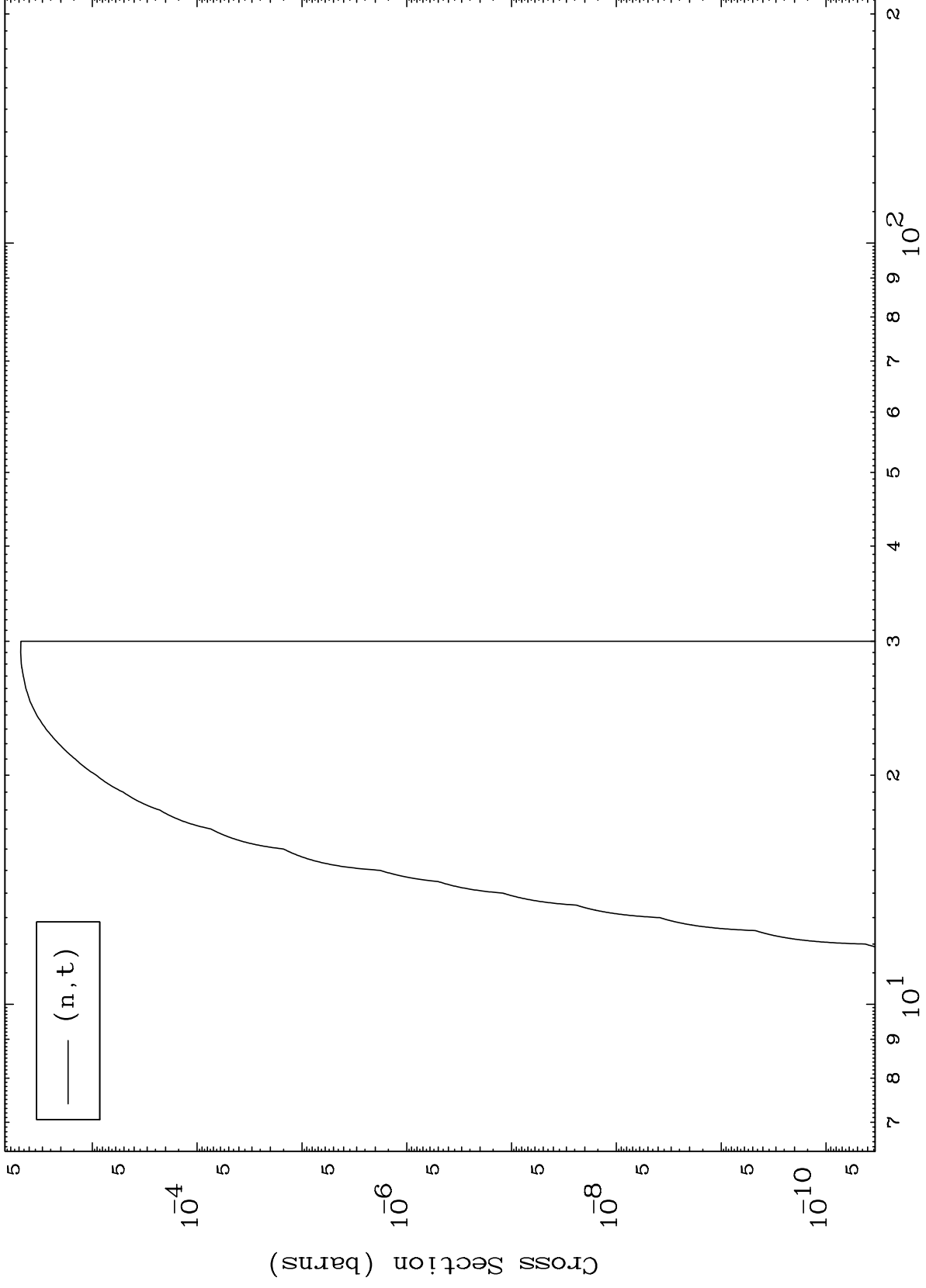
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-198



12

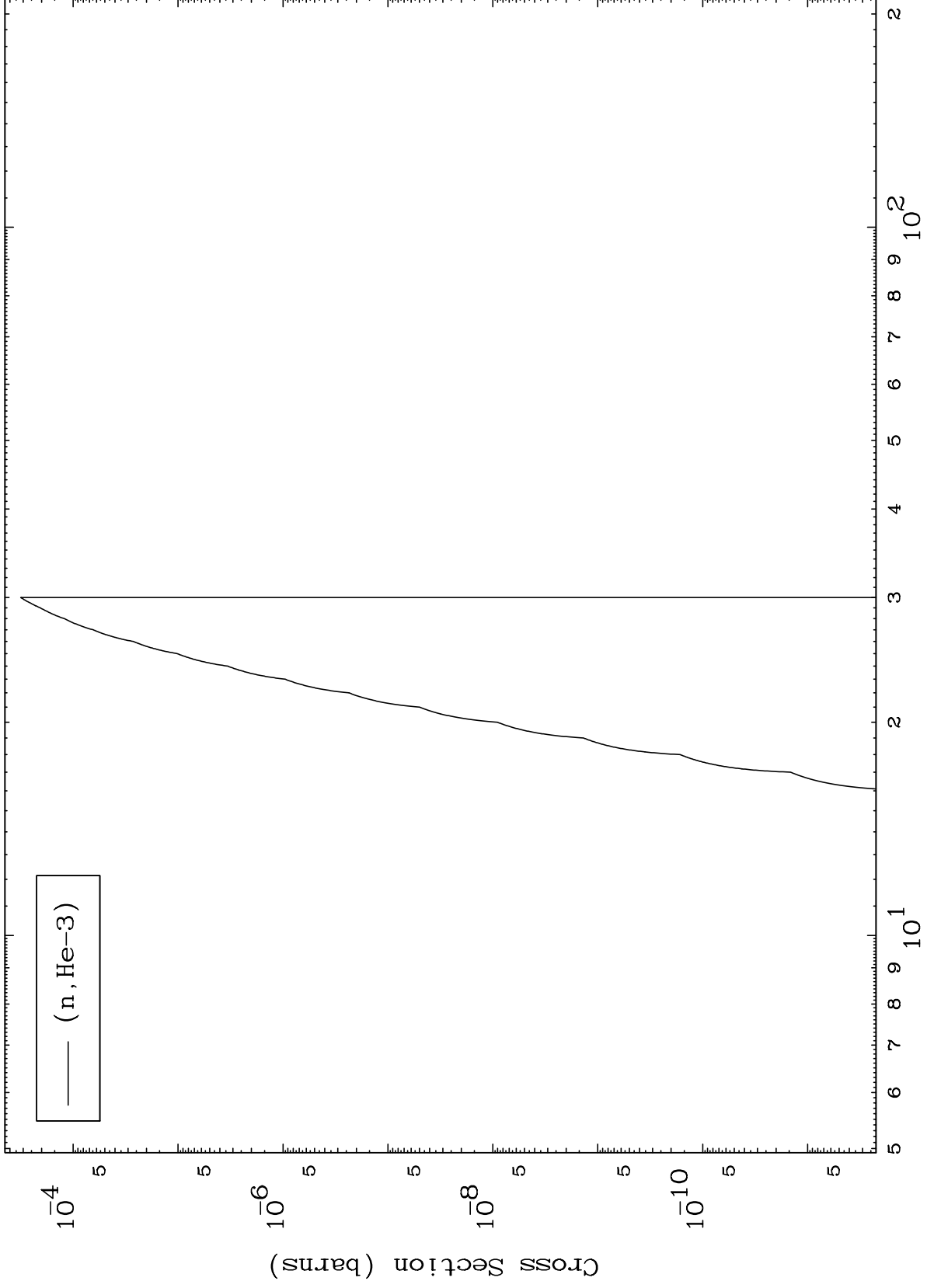
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-198



13

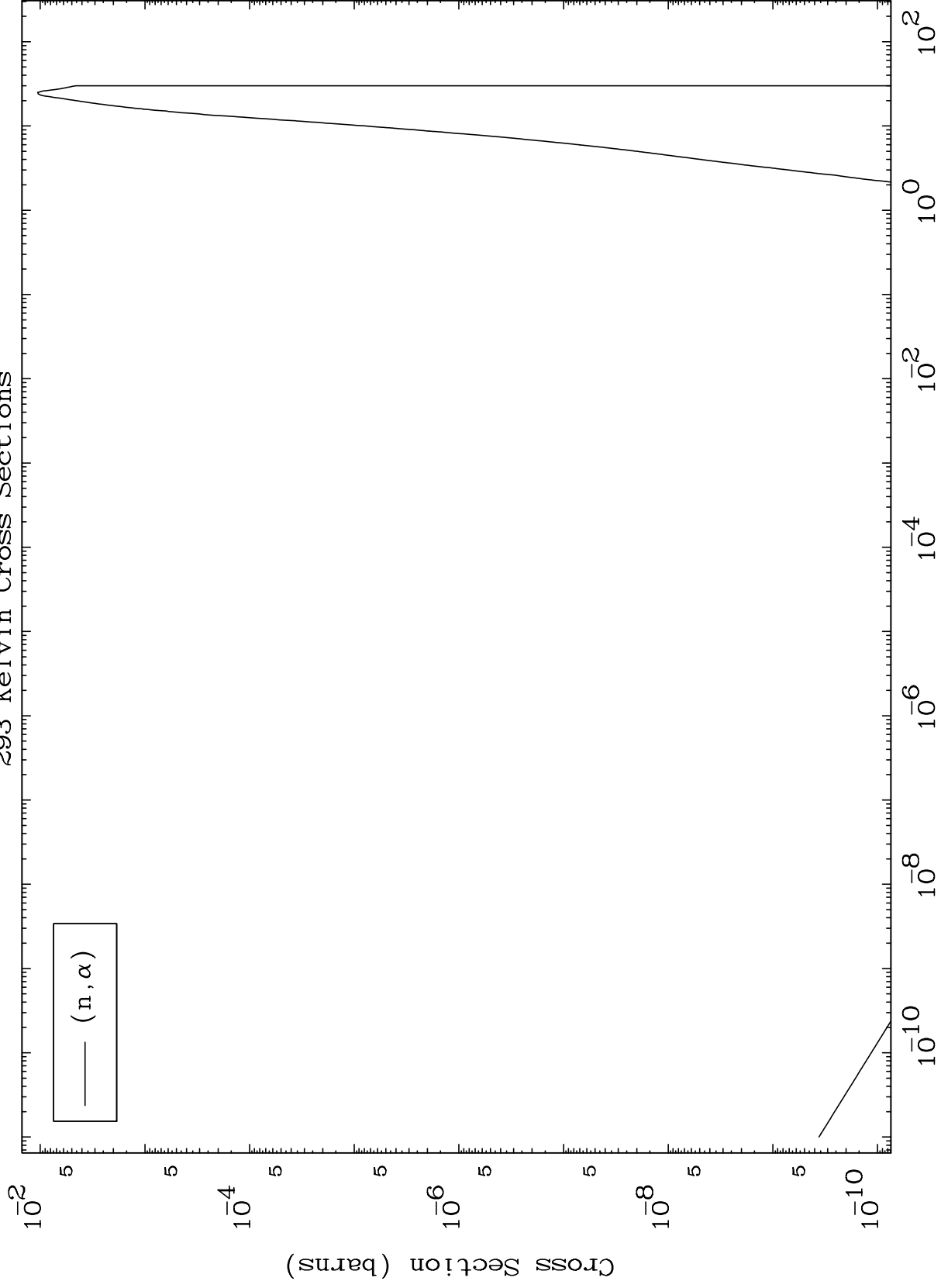
Incident Energy (MeV)

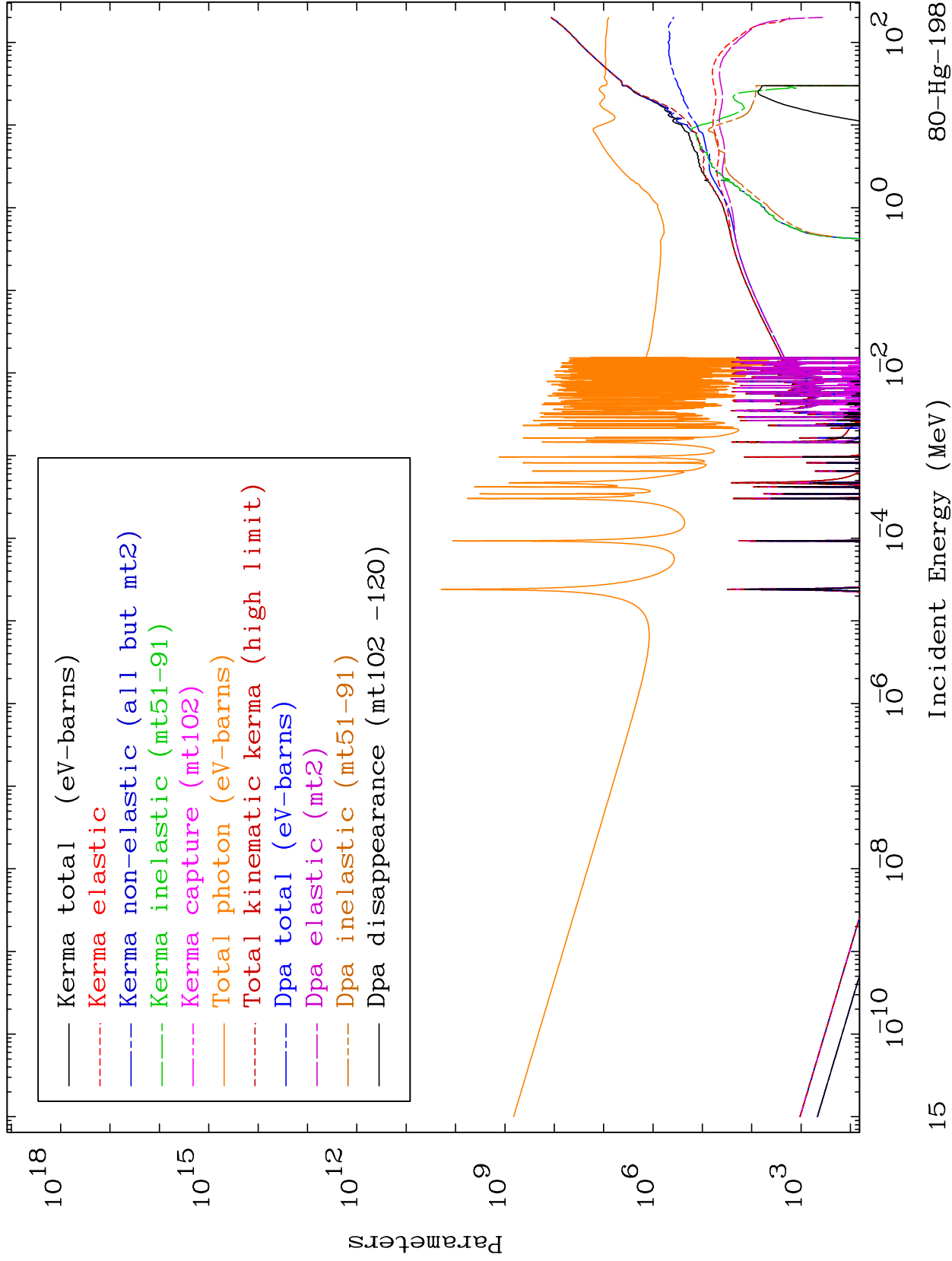
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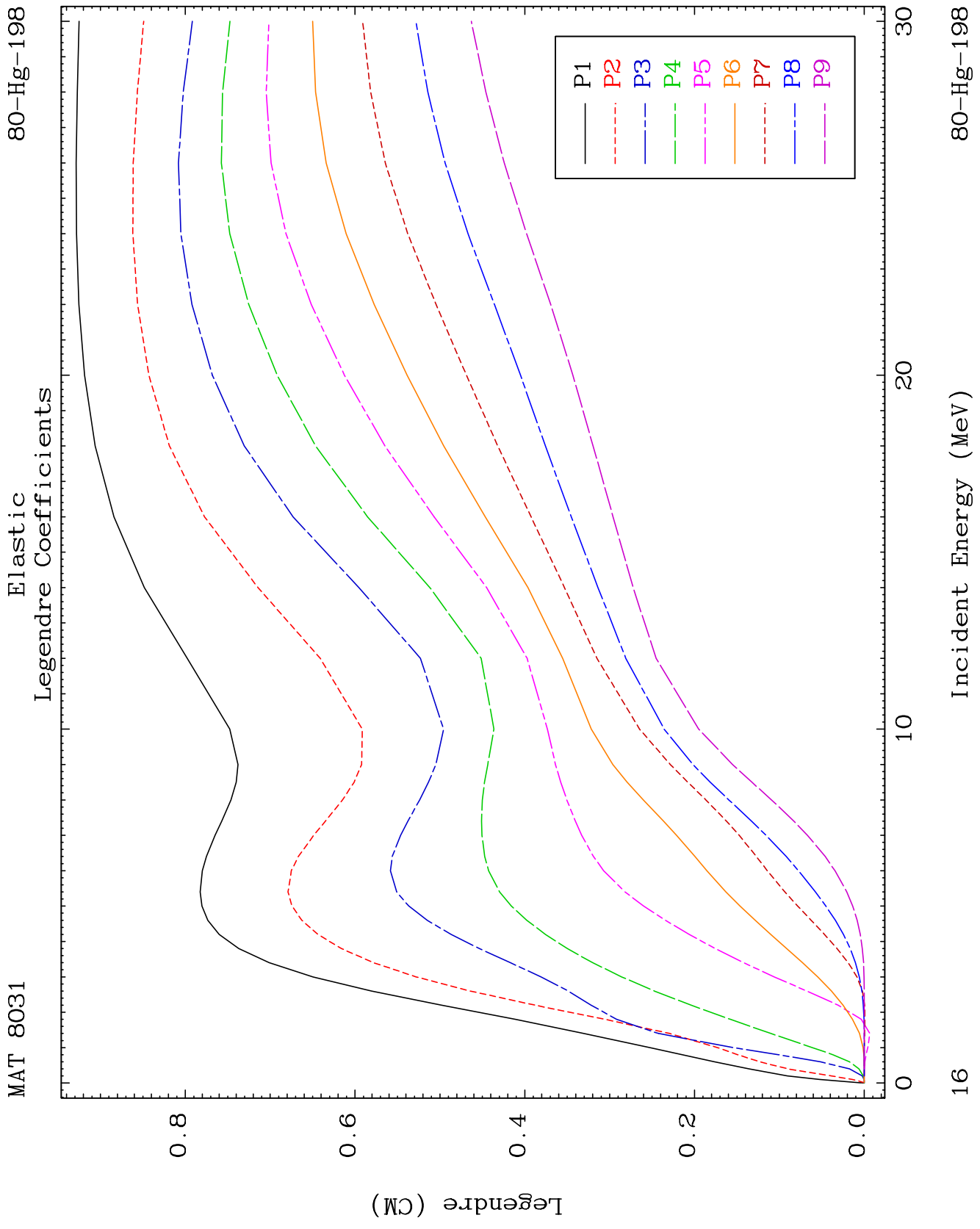
MAT 8031

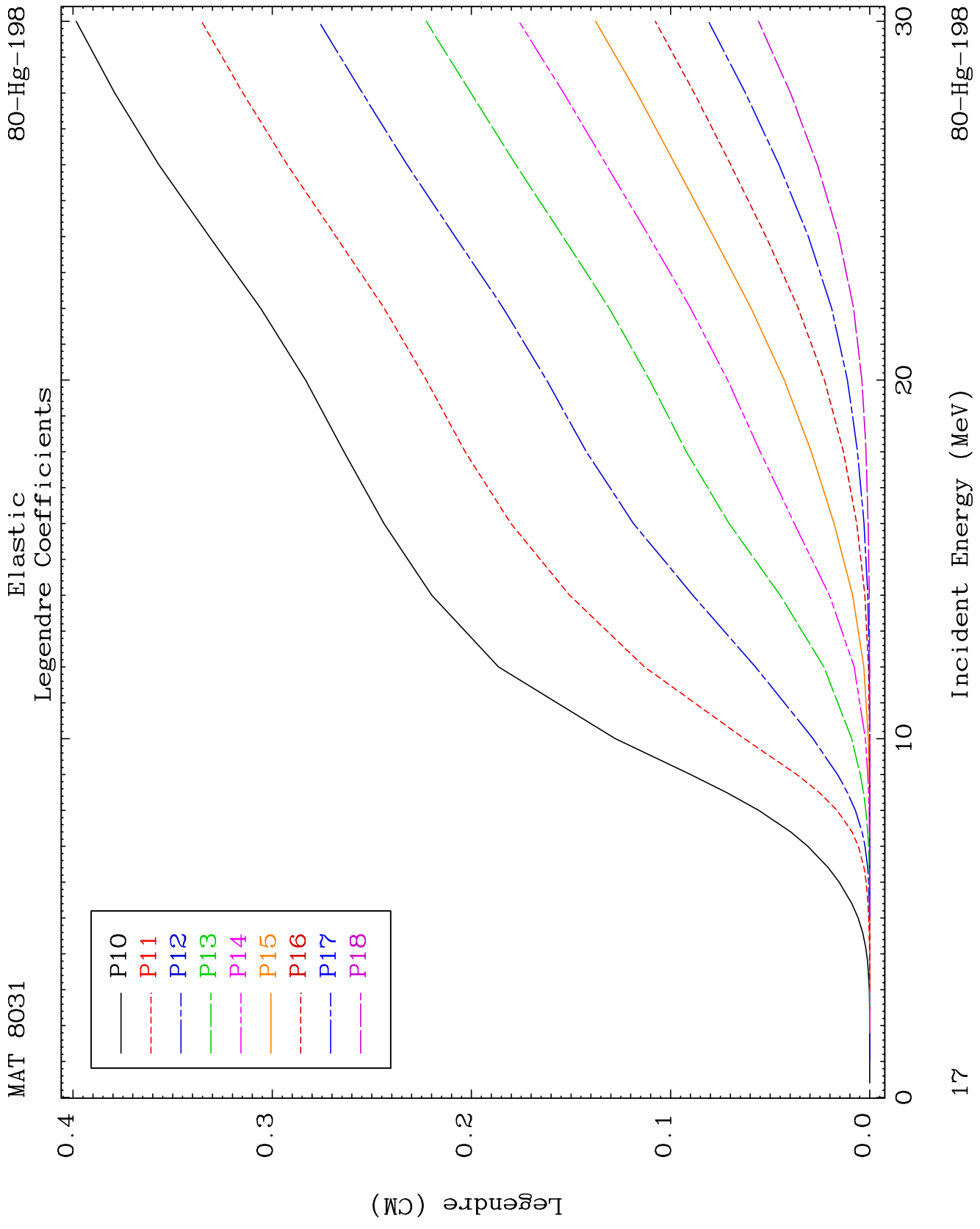
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-198





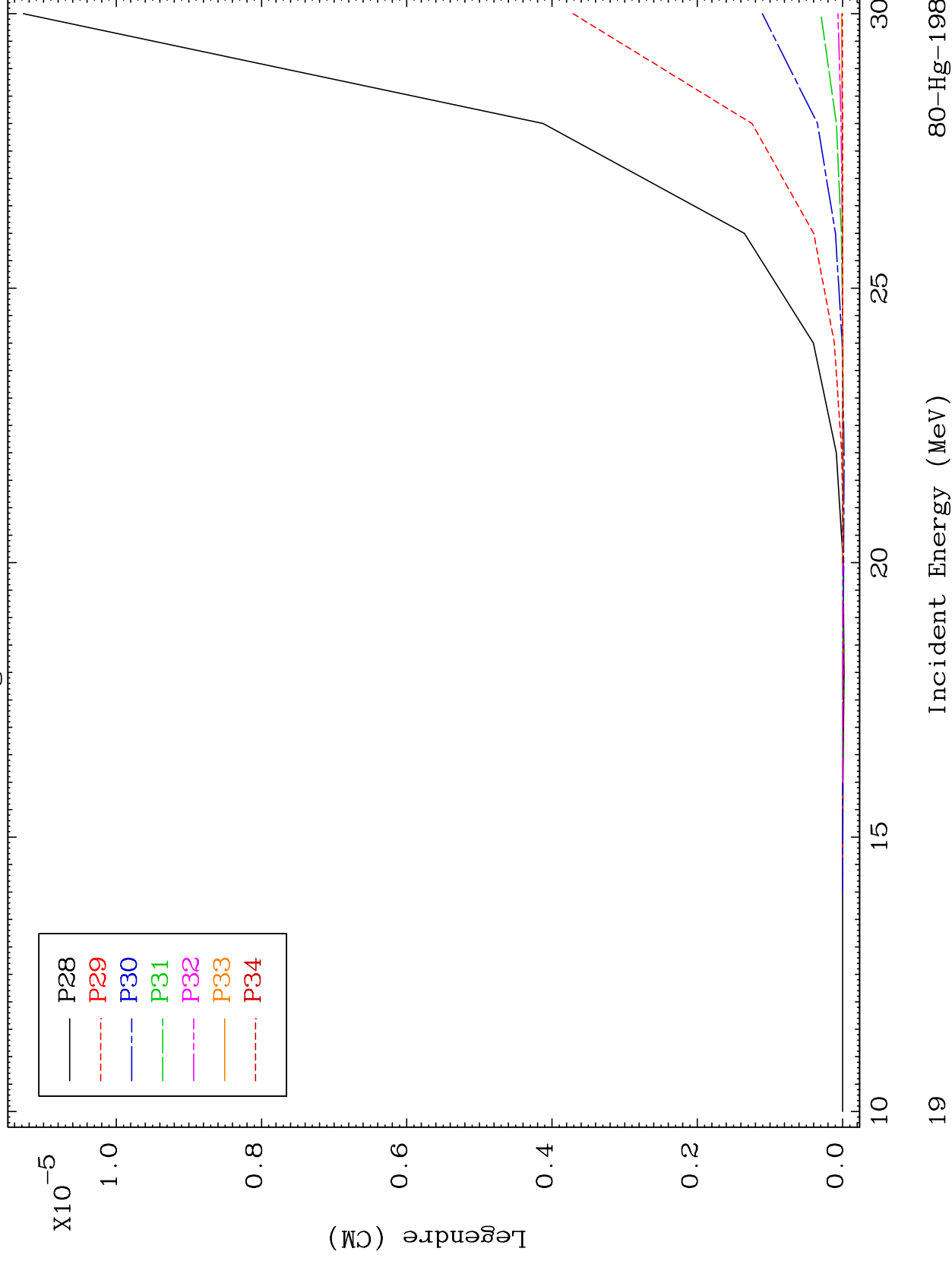




MAT 8031

Elastic
Legendre Coefficients

80-Hg-198



19

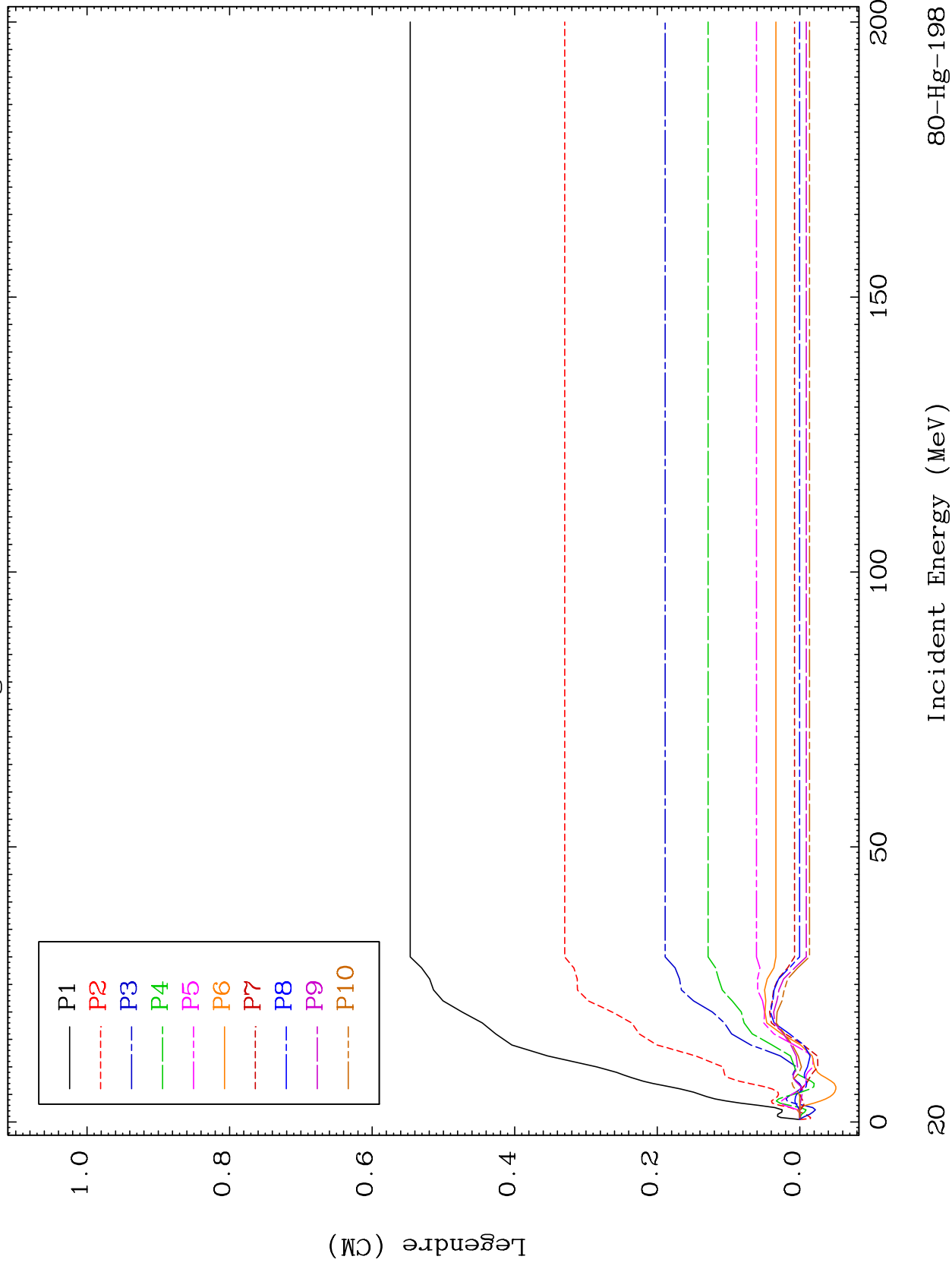
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

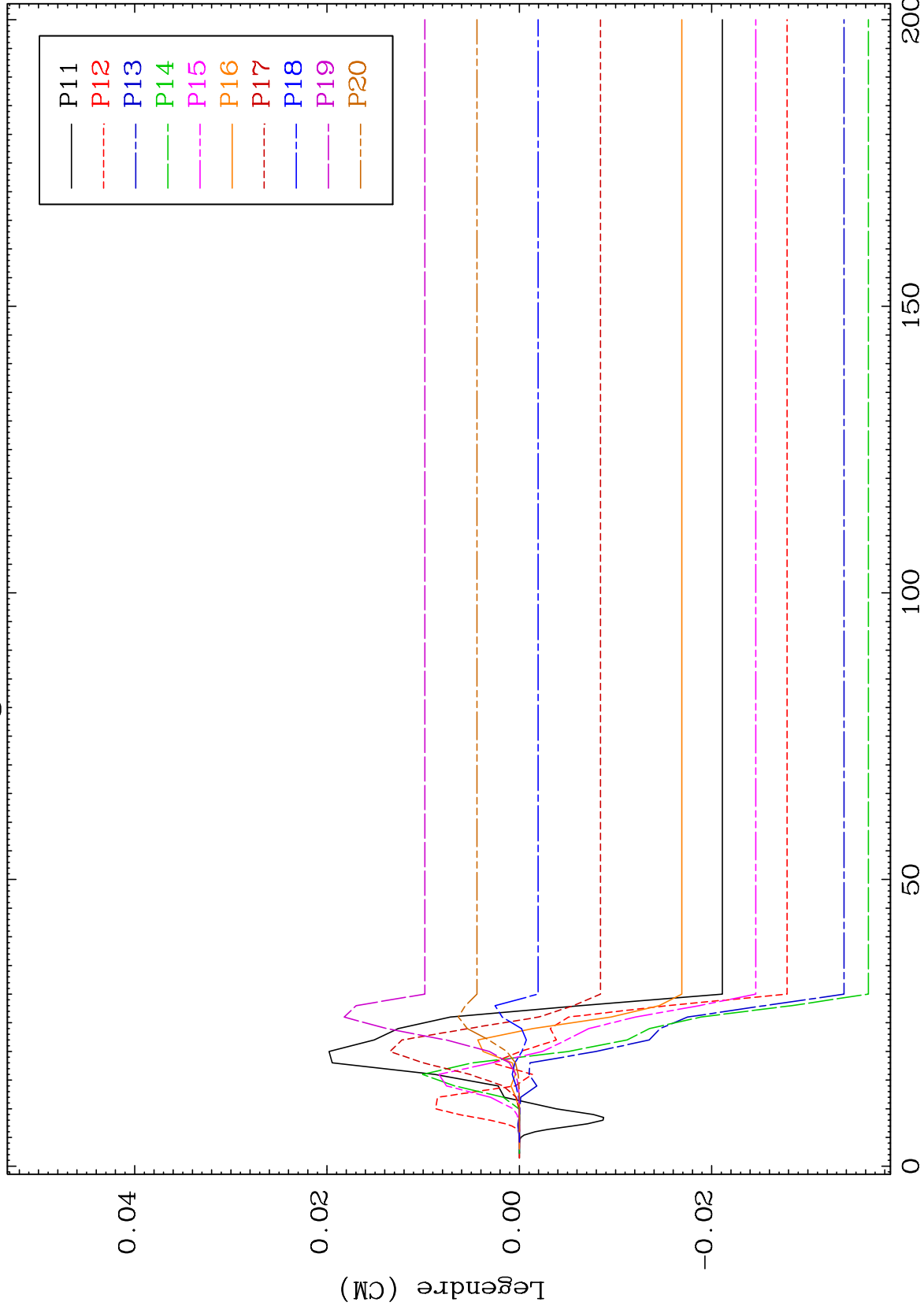
80-Hg-198



MAT 8031

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

80-Hg-198



21

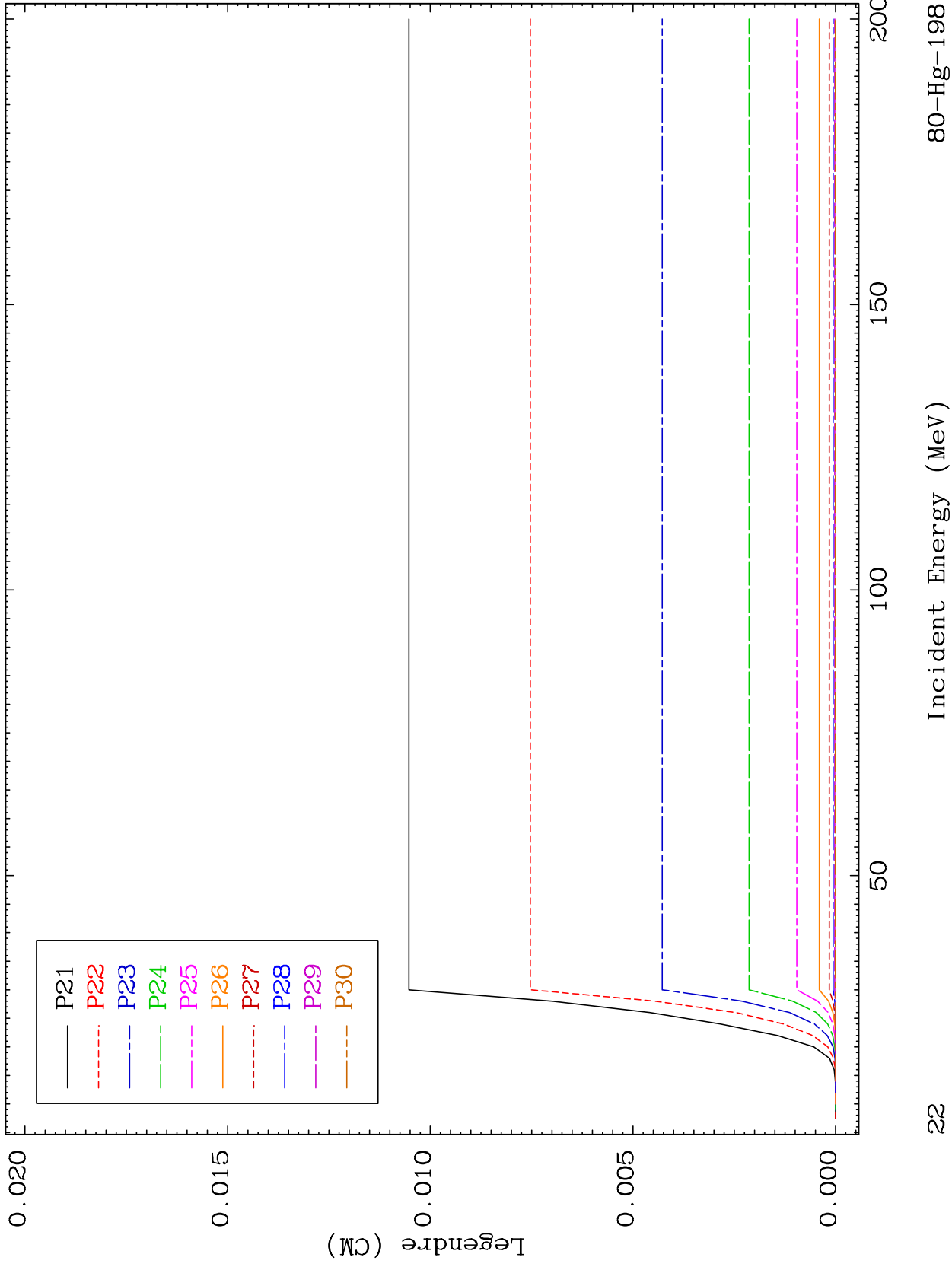
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



22

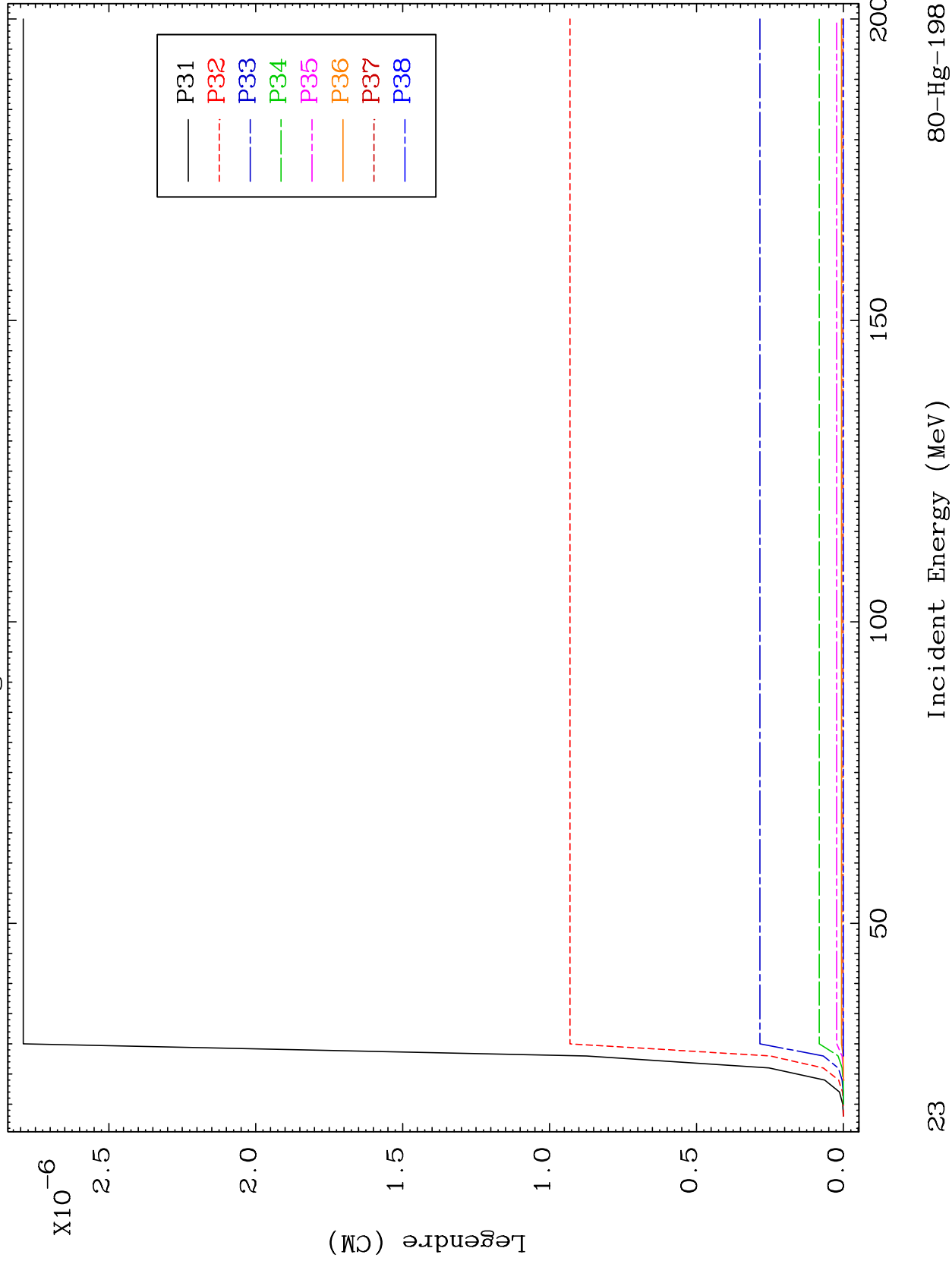
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

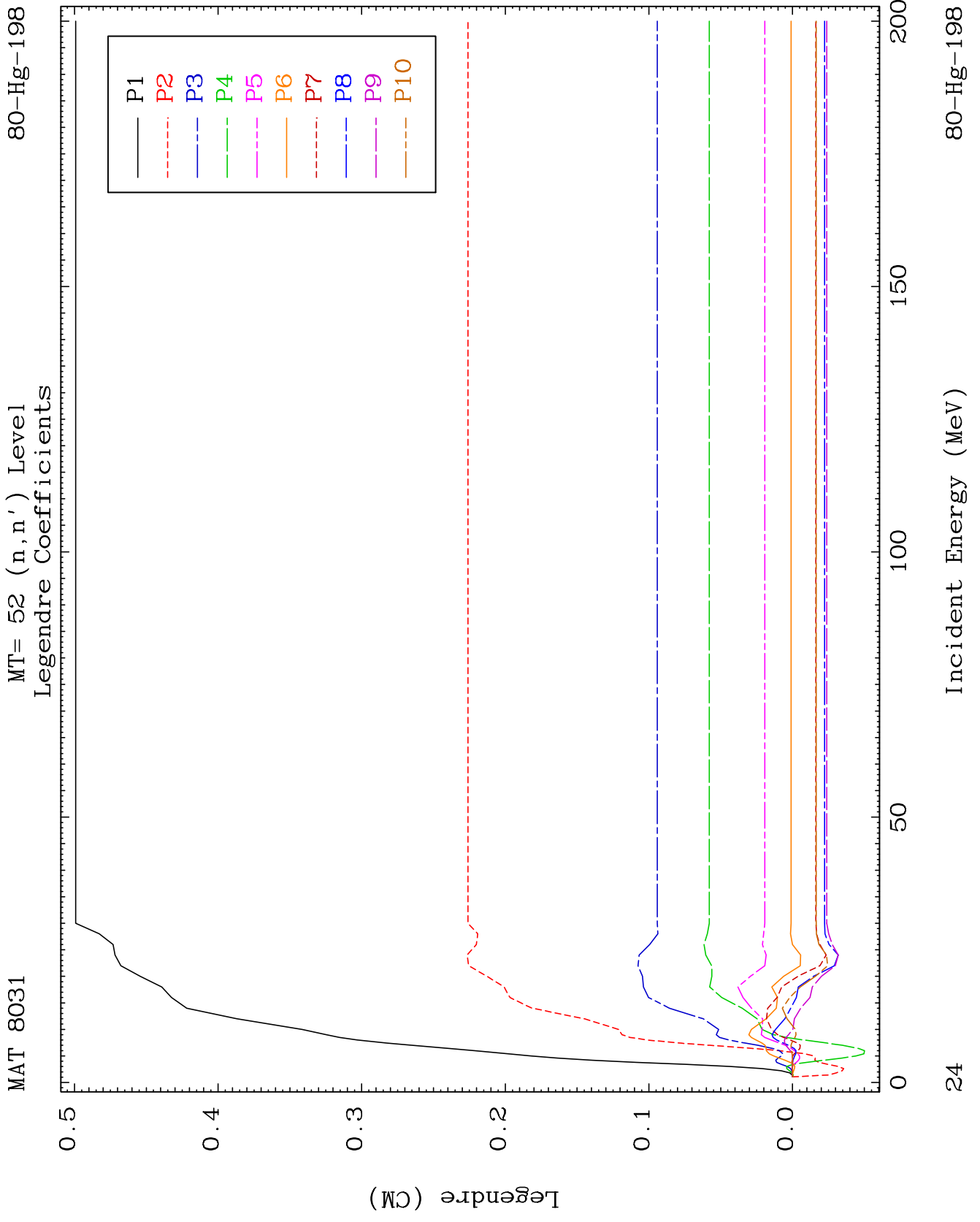
80-Hg-198



23

Incident Energy (MeV)

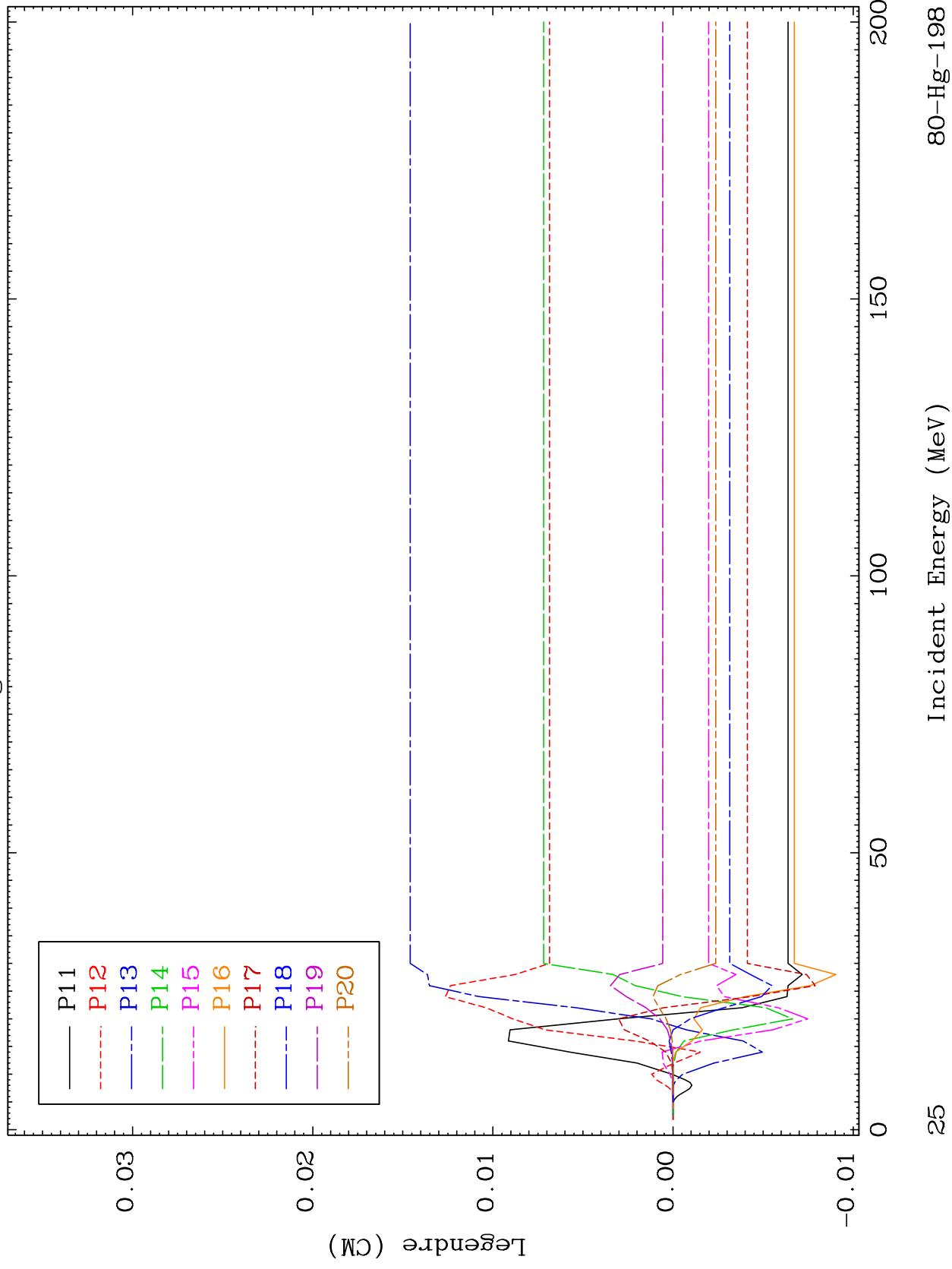
80-Hg-198



MAT 8031

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

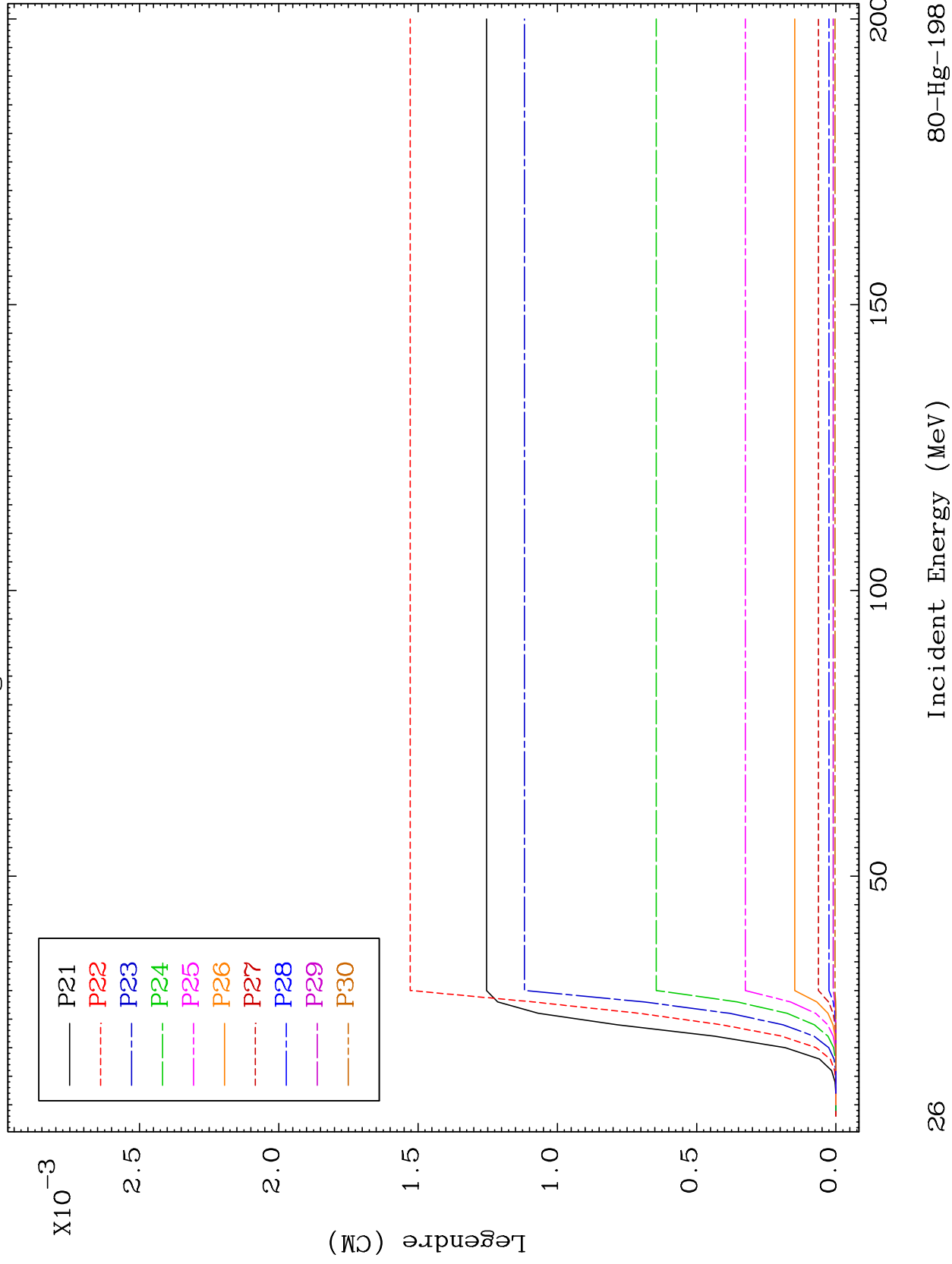
80-Hg-198



MAT 8031

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

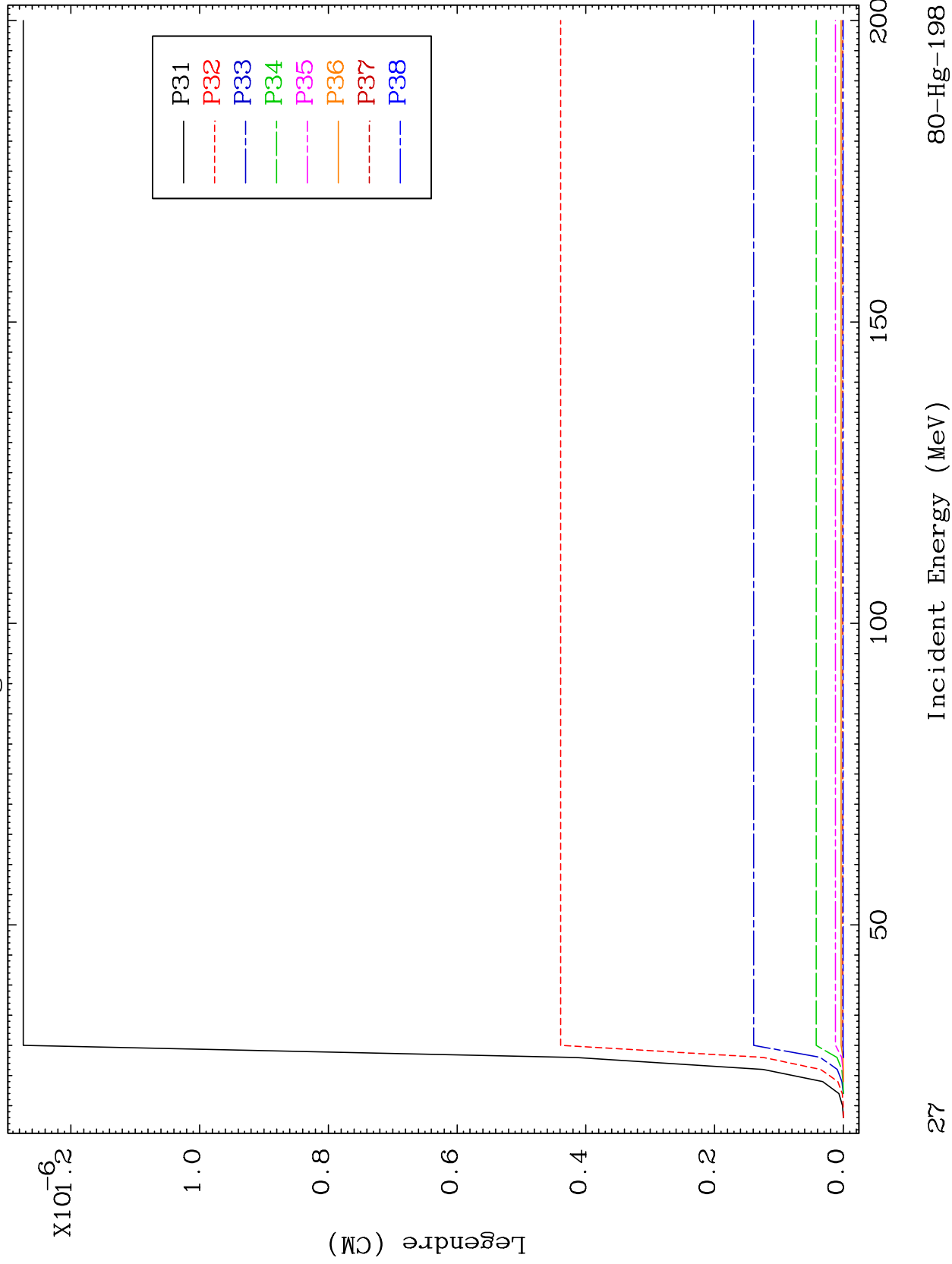
80-Hg-198



MAT 8031

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

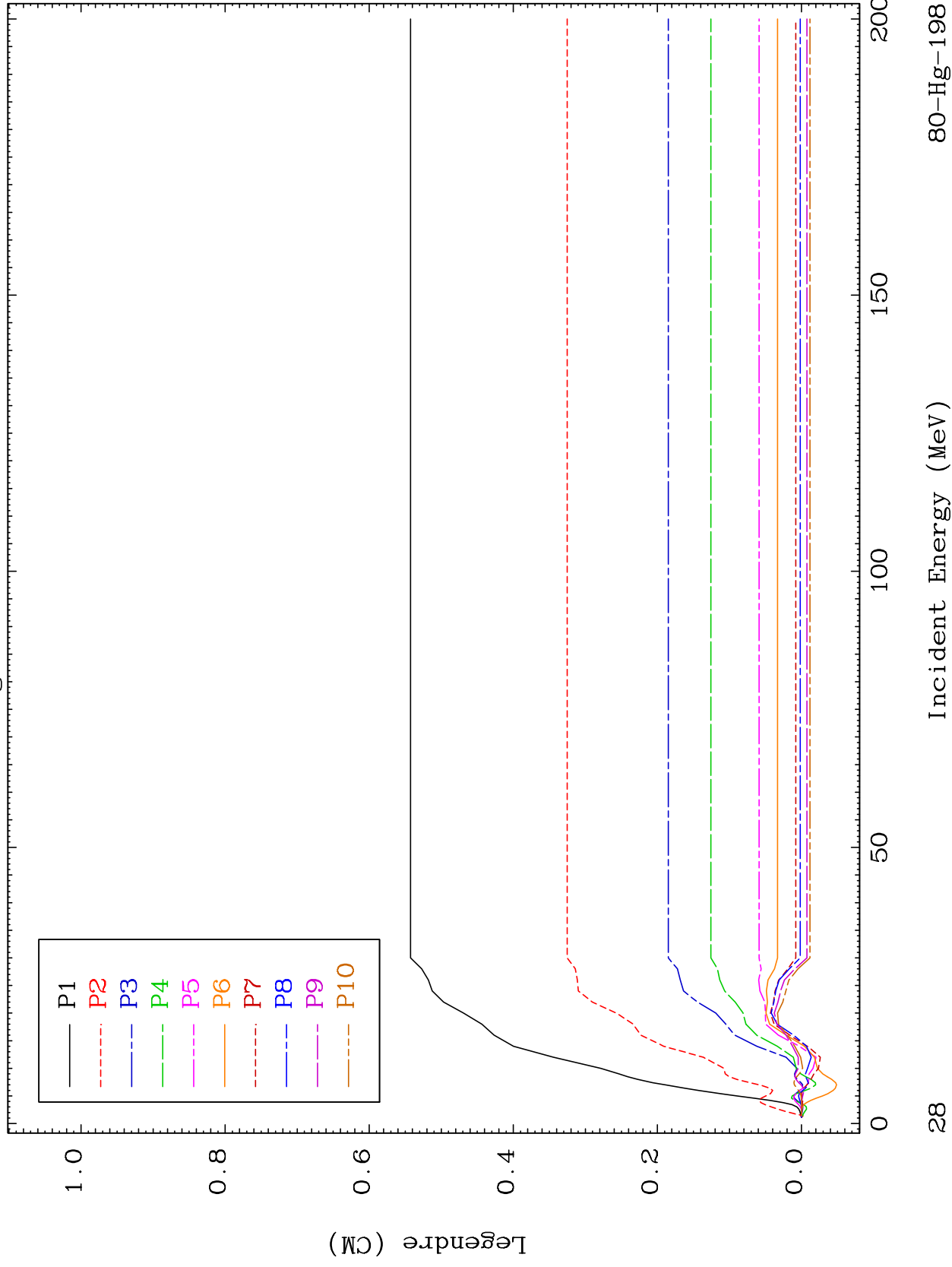
80-Hg-198



MAT 8031

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

80-Hg-198



80-Hg-198

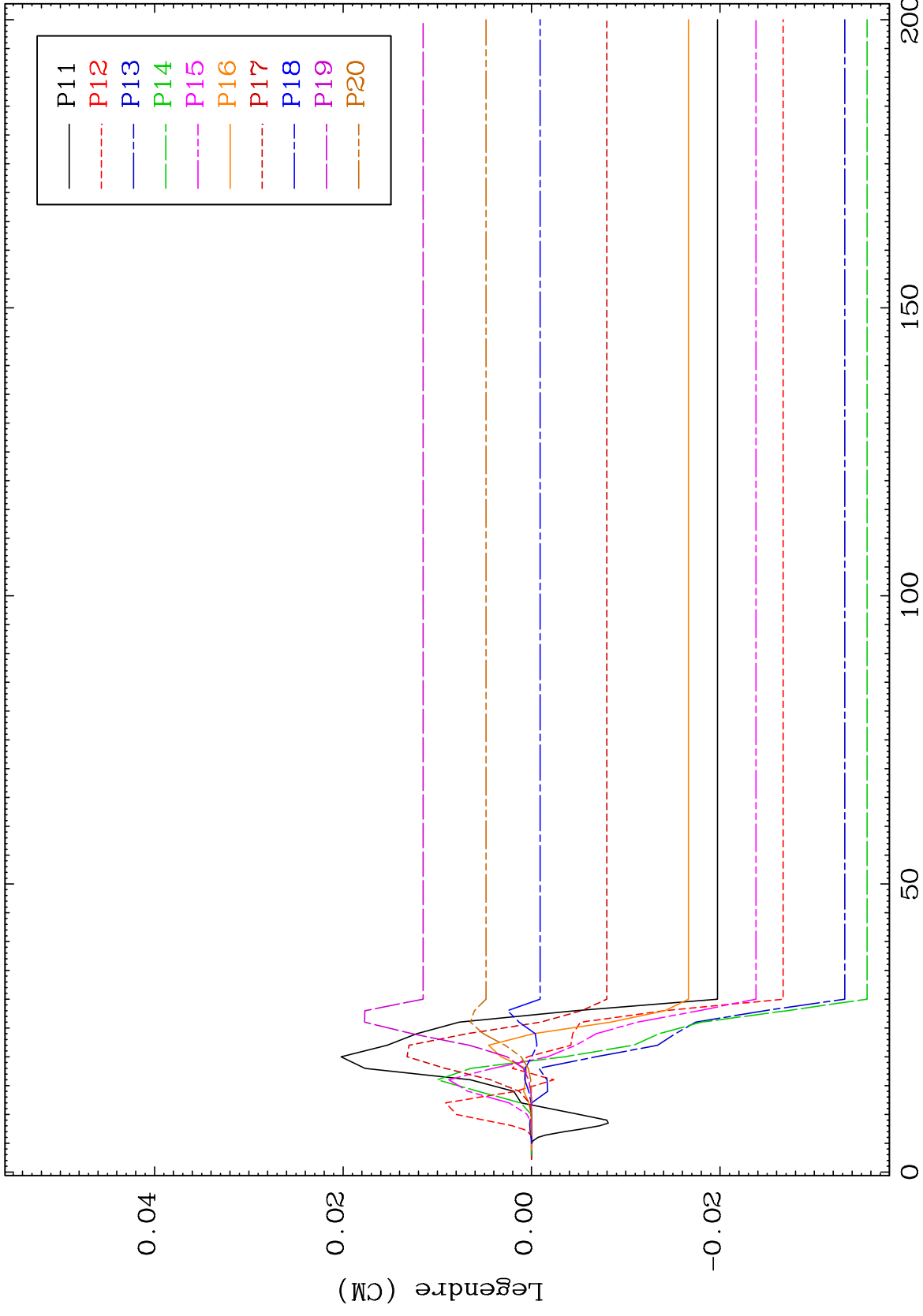
Incident Energy (MeV)

28

MAT 8031

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

80-Hg-198



29

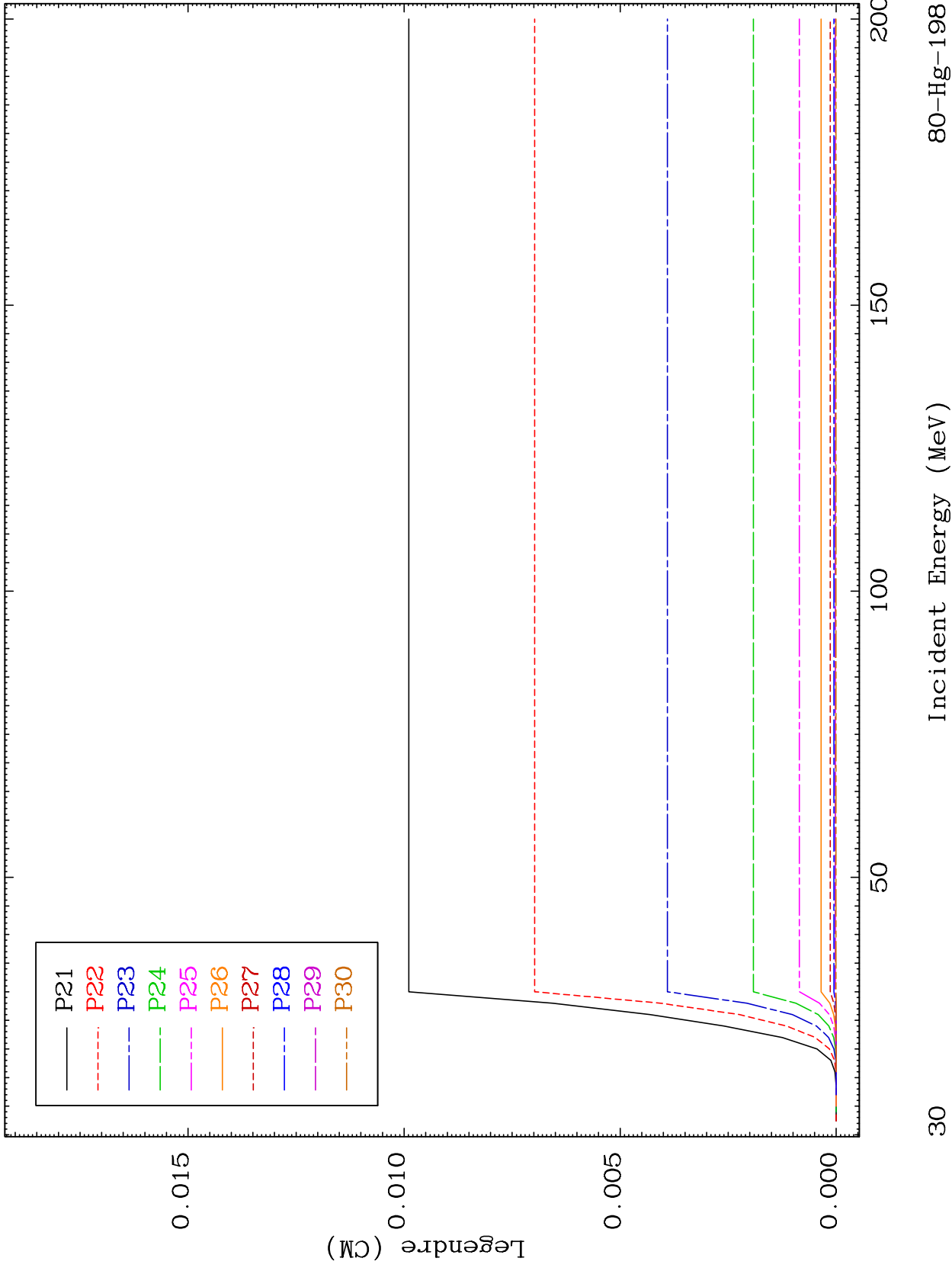
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



30

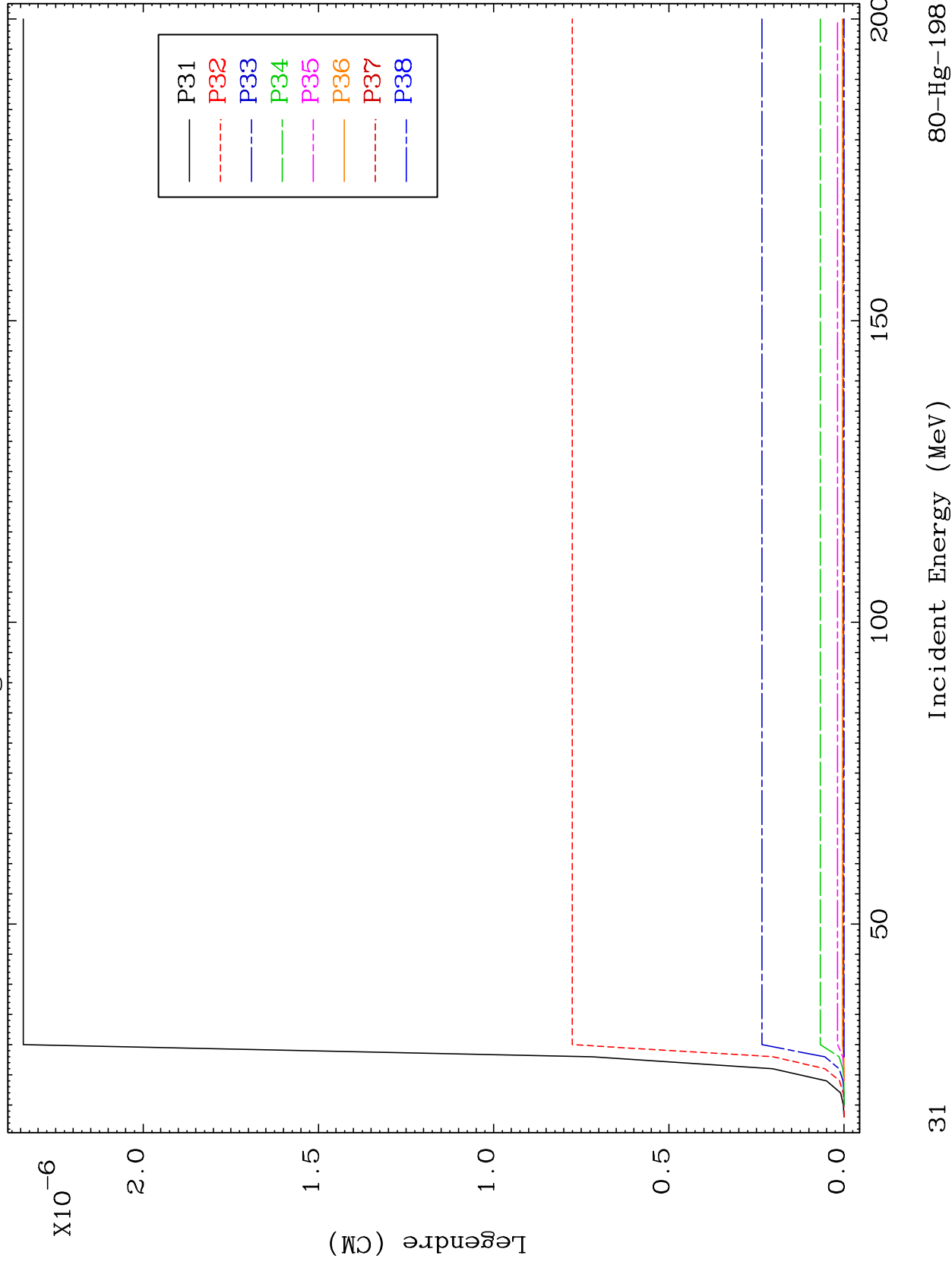
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

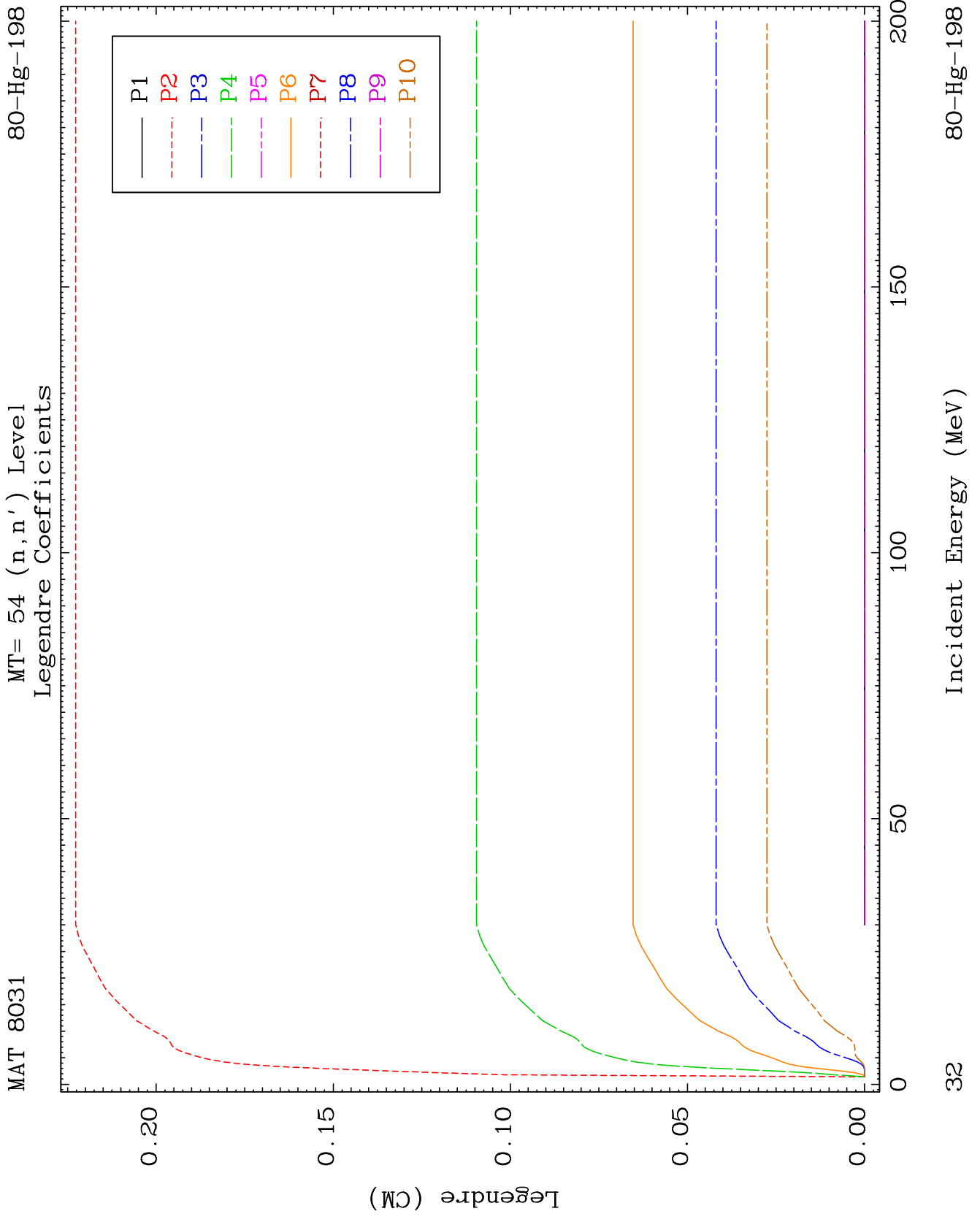
80-Hg-198



31

Incident Energy (MeV)

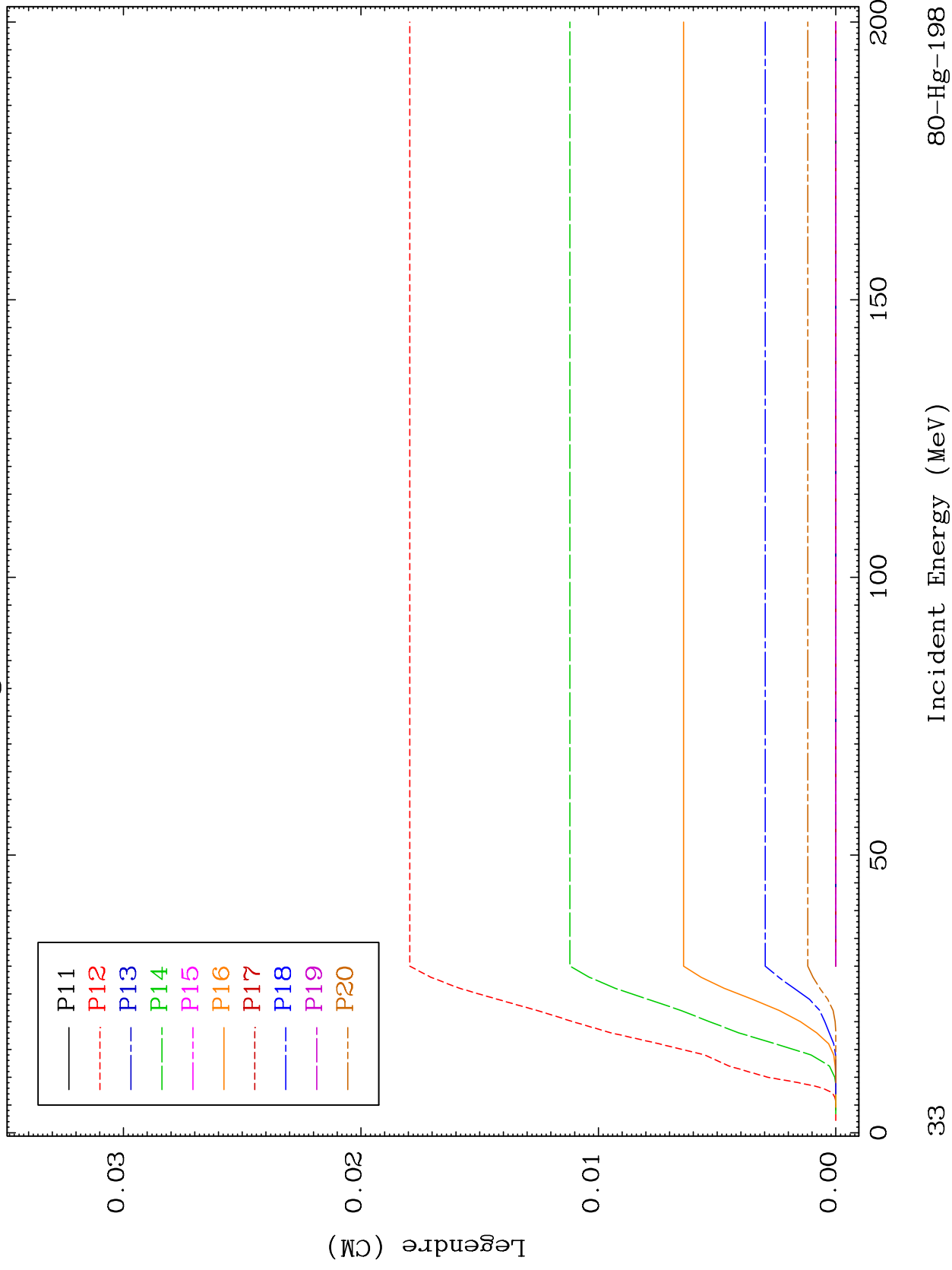
80-Hg-198



MAT 8031

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

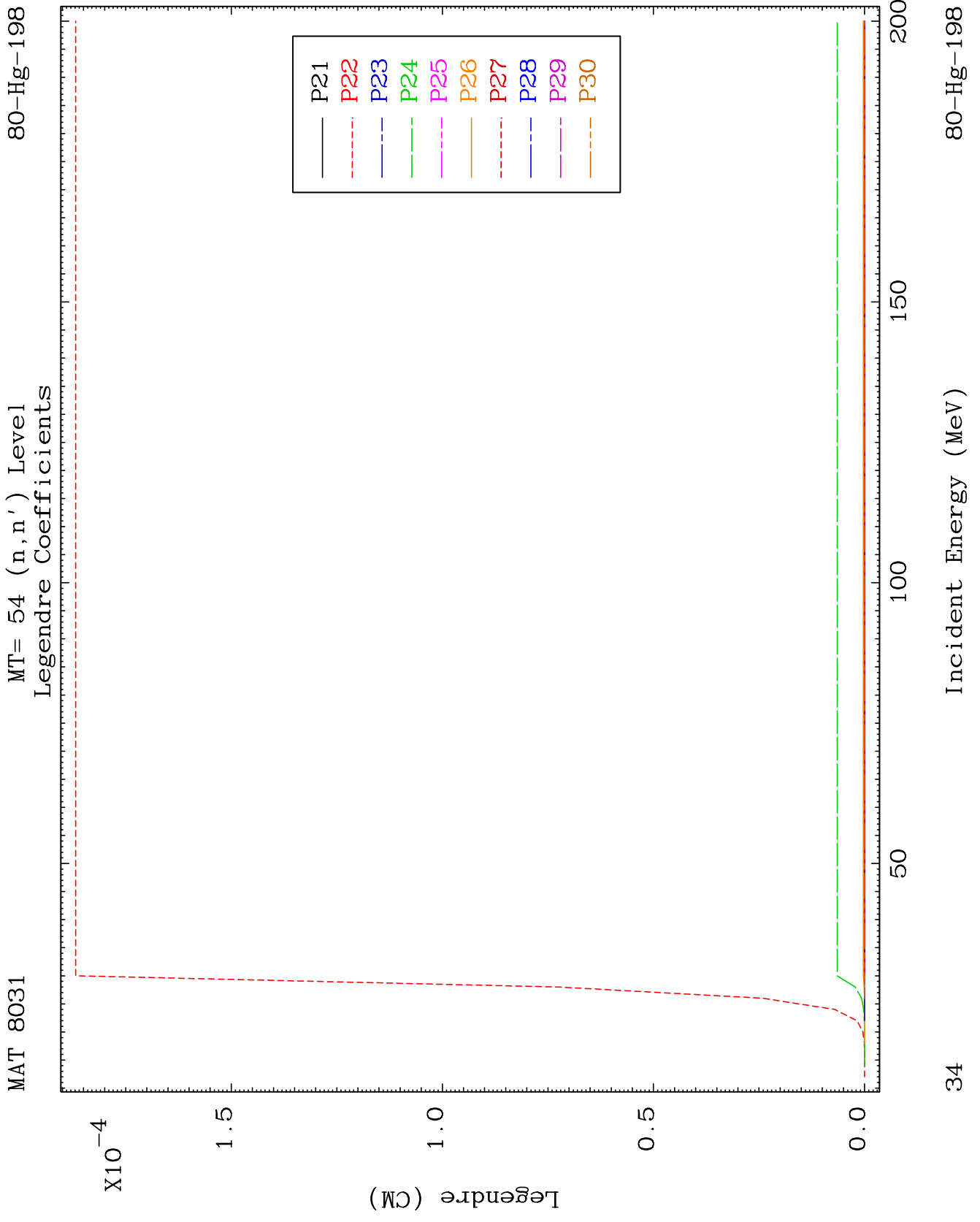
80-Hg-198



33

Incident Energy (MeV)

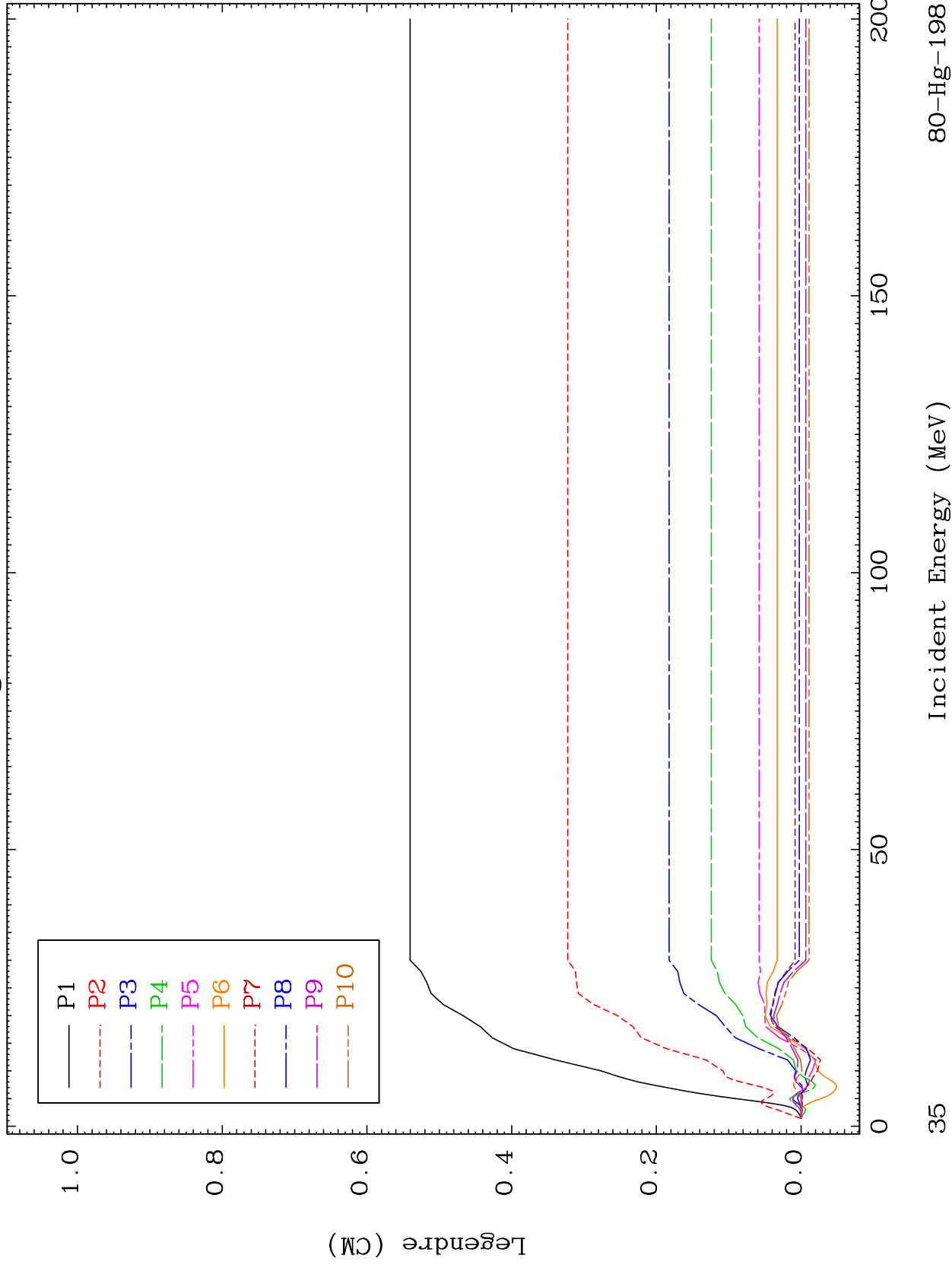
80-Hg-198



MAT 8031

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

80-Hg-198



80-Hg-198

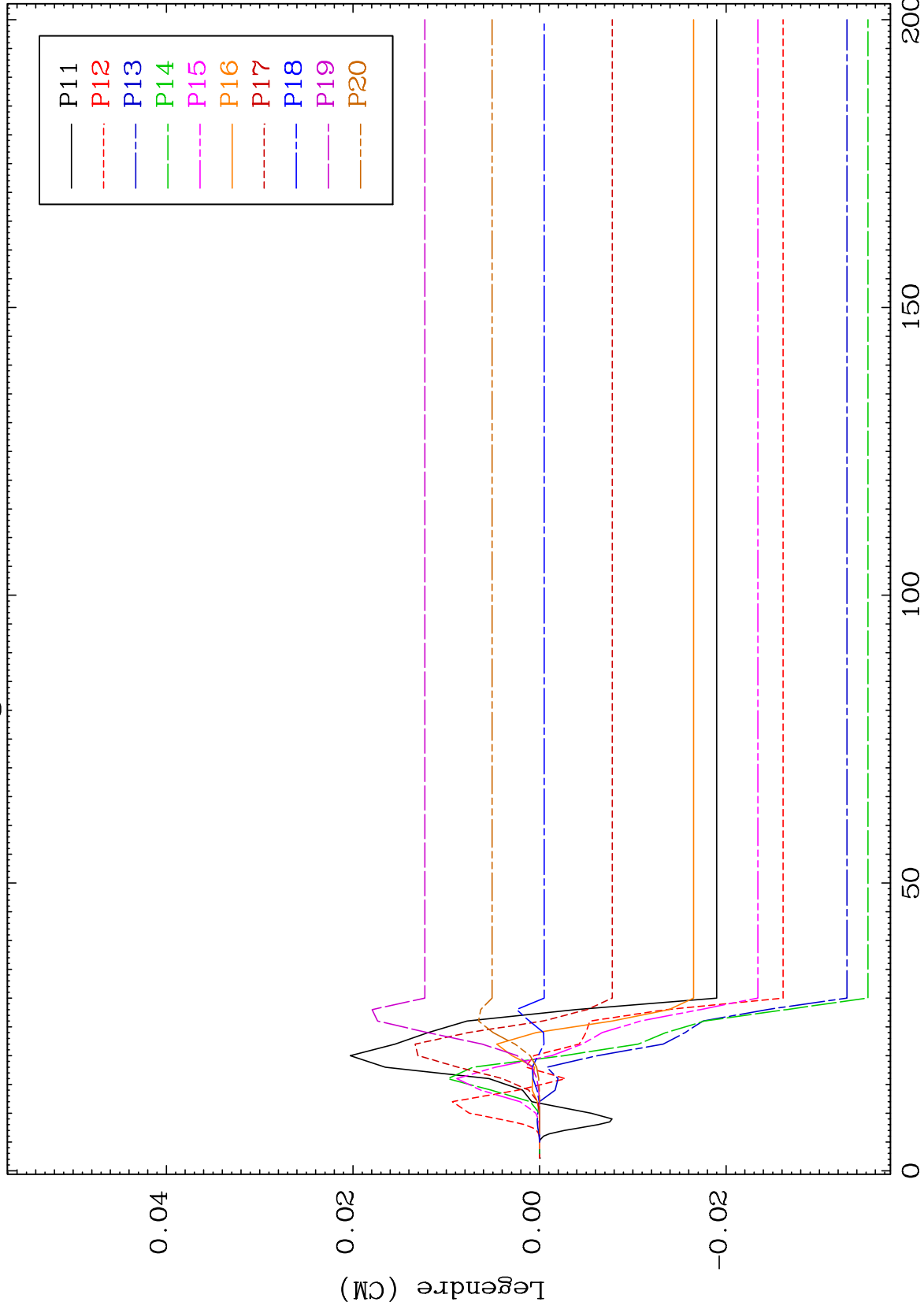
Incident Energy (MeV)

35

MAT 8031

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

80-Hg-198



36

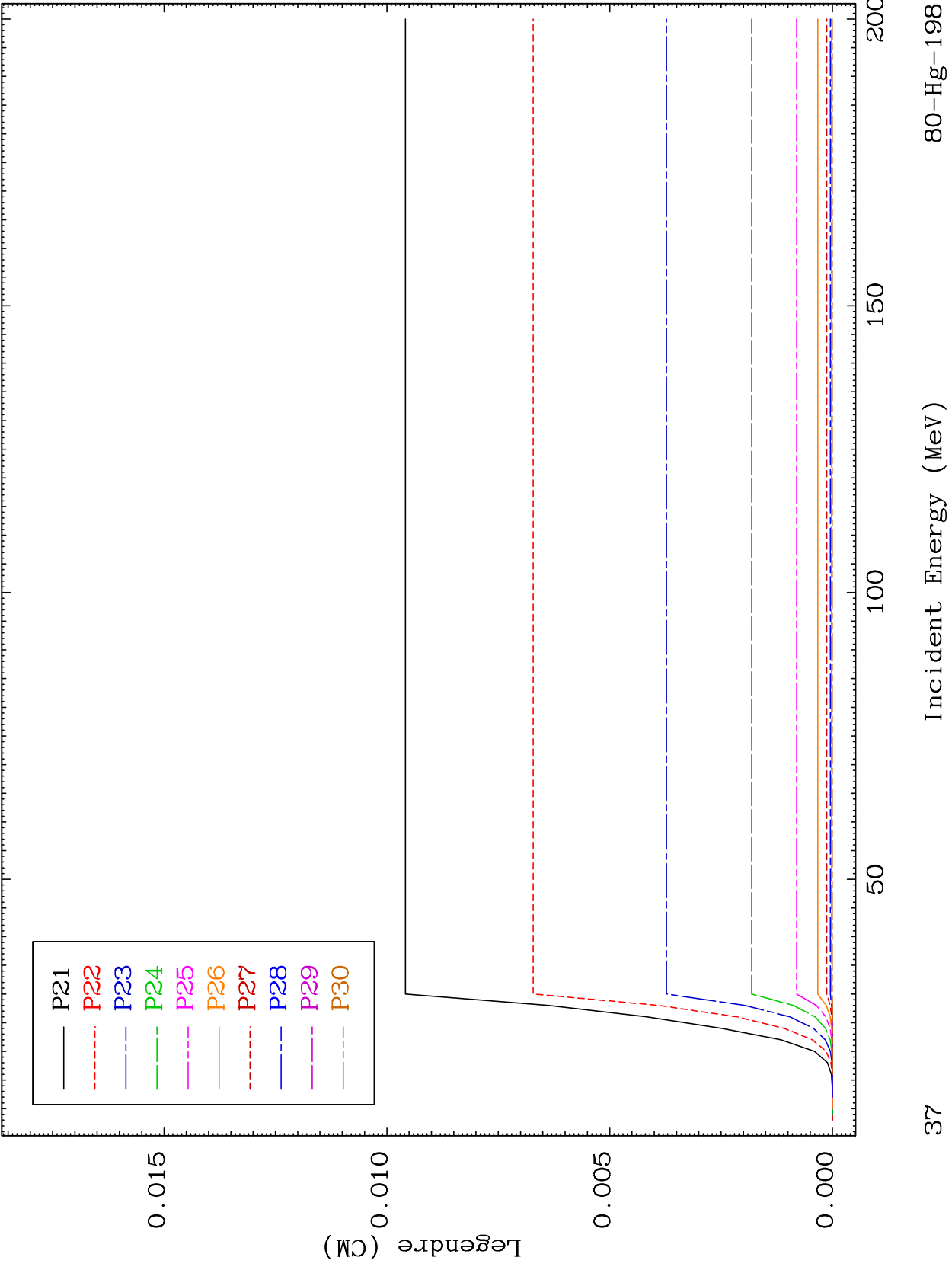
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

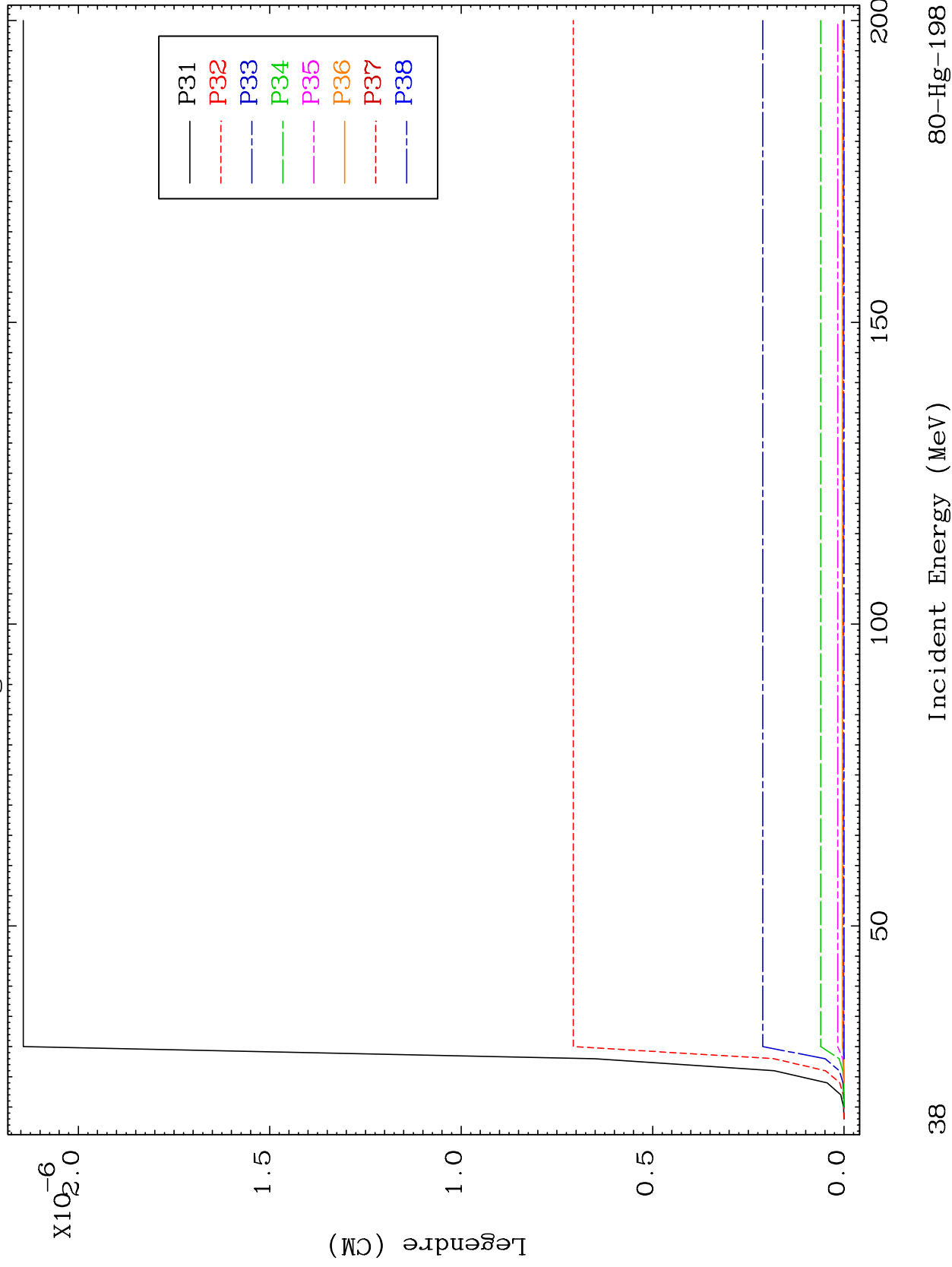


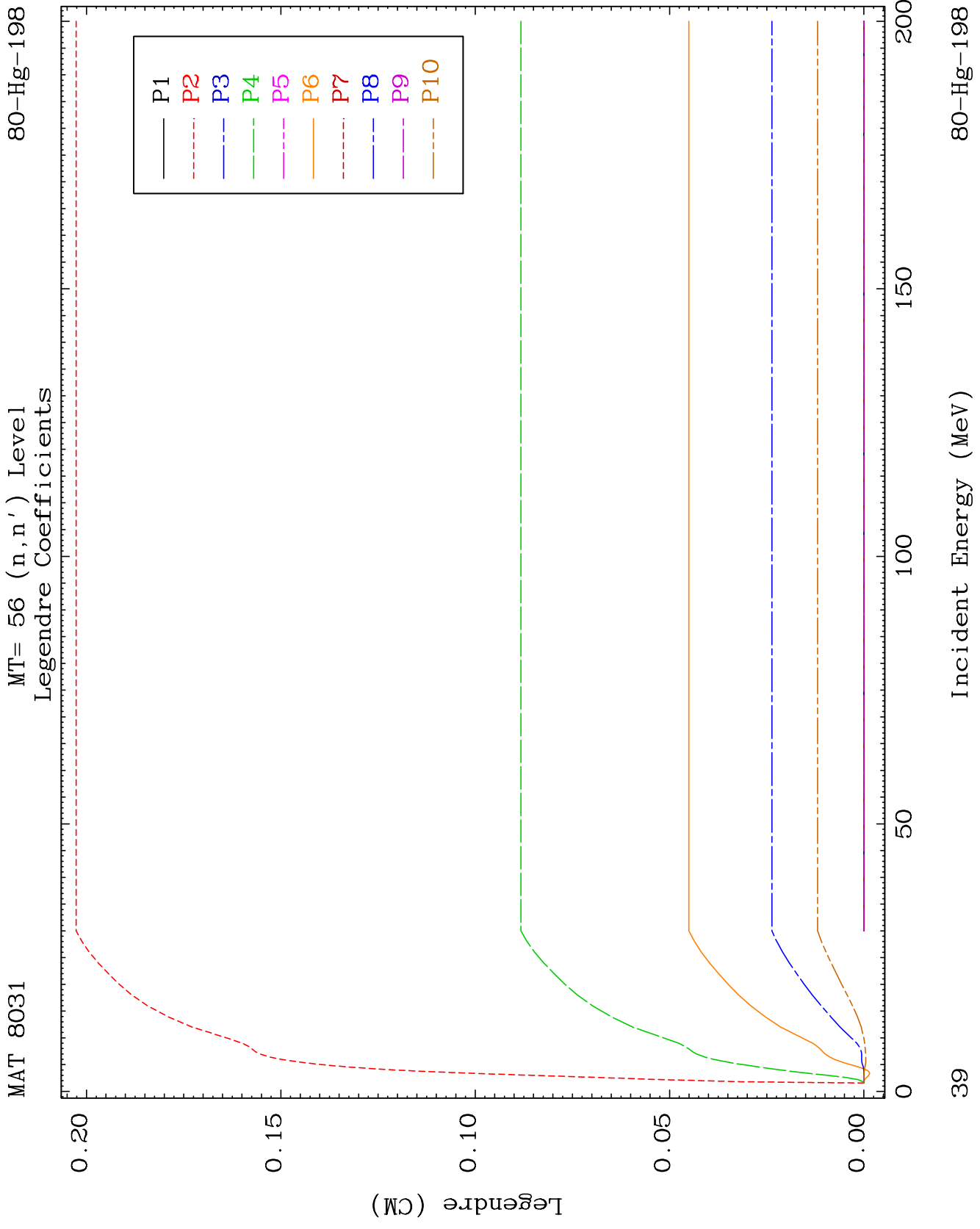
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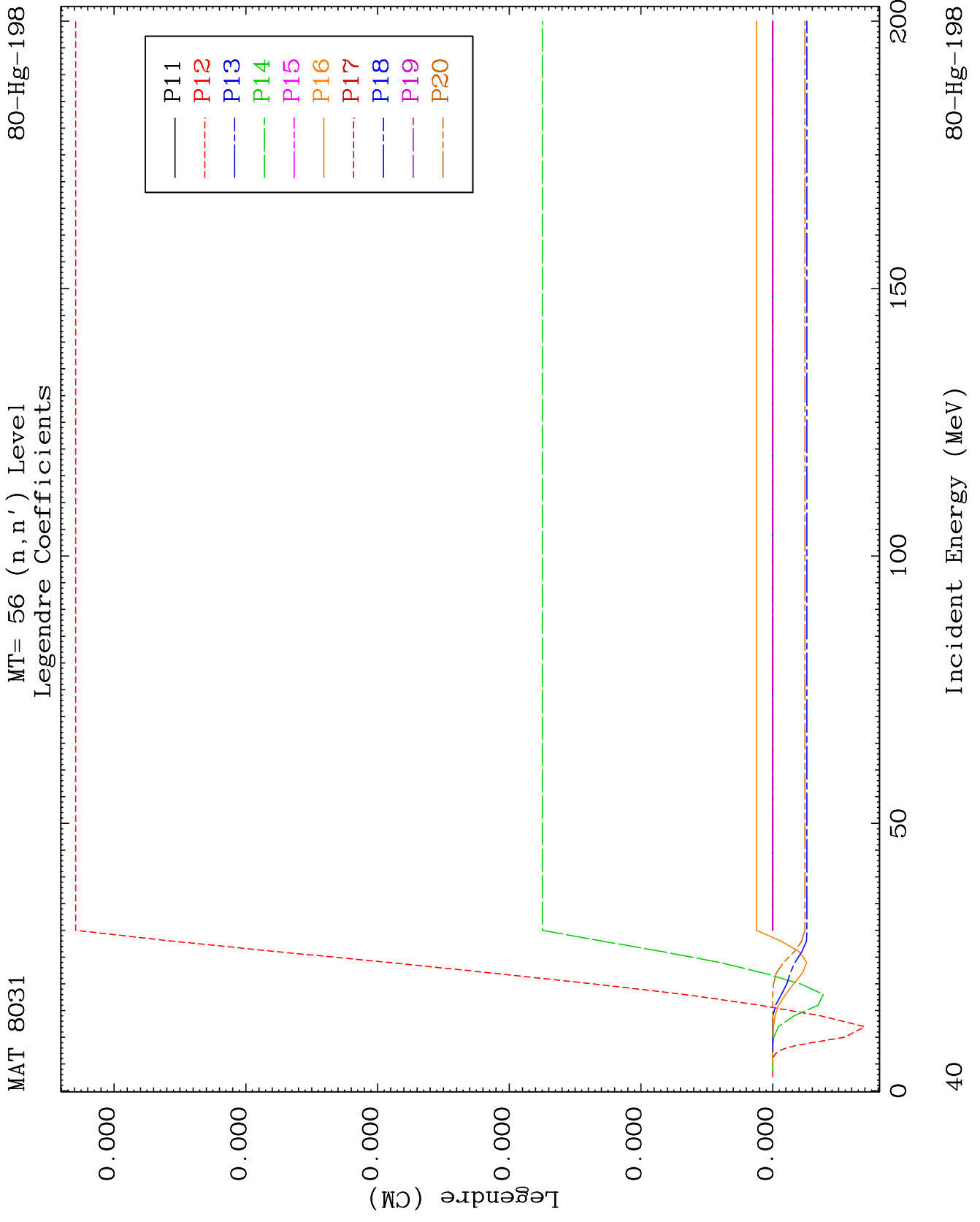
MAT 8031

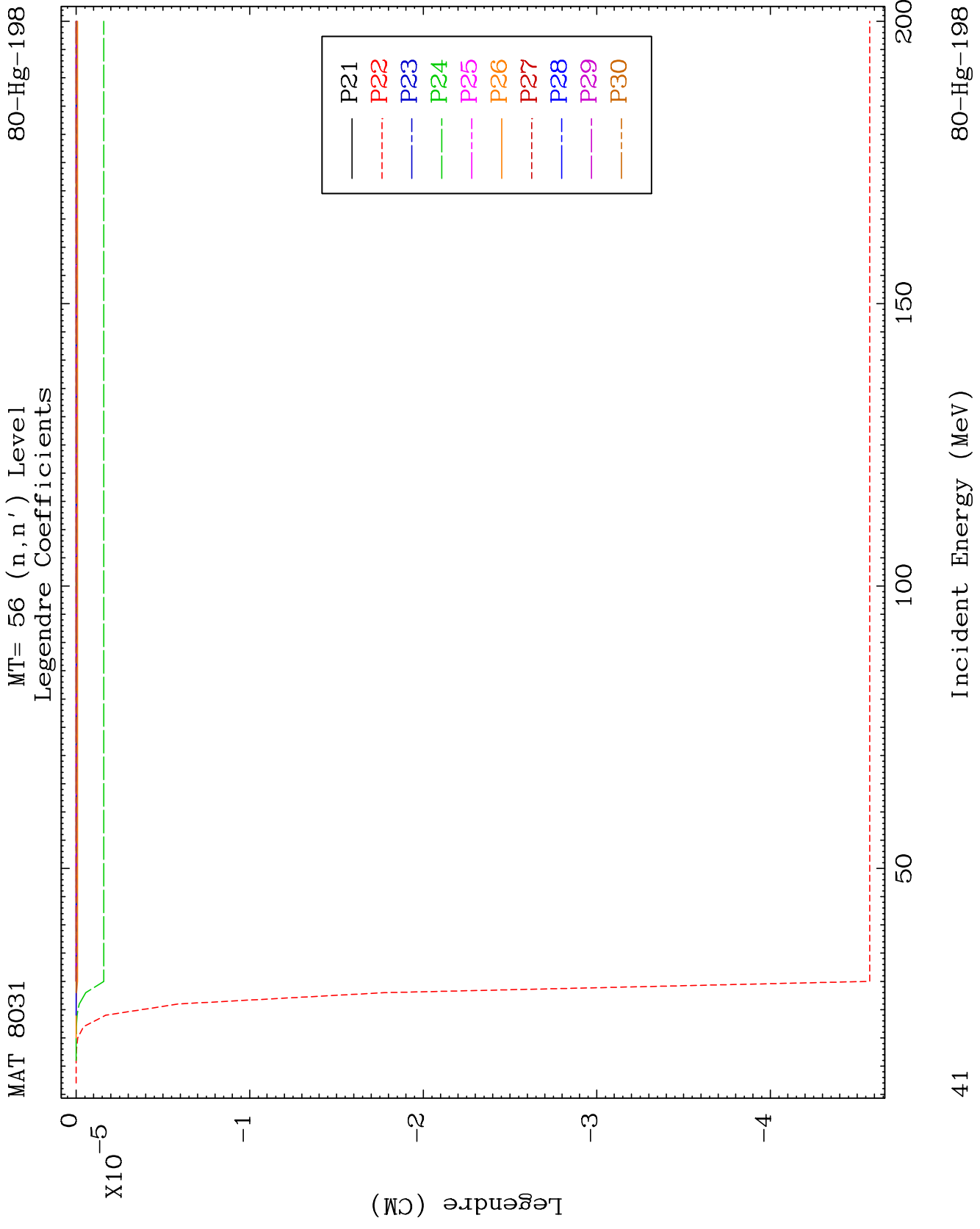
MT= 55 (n,n') Level
Legendre Coefficients

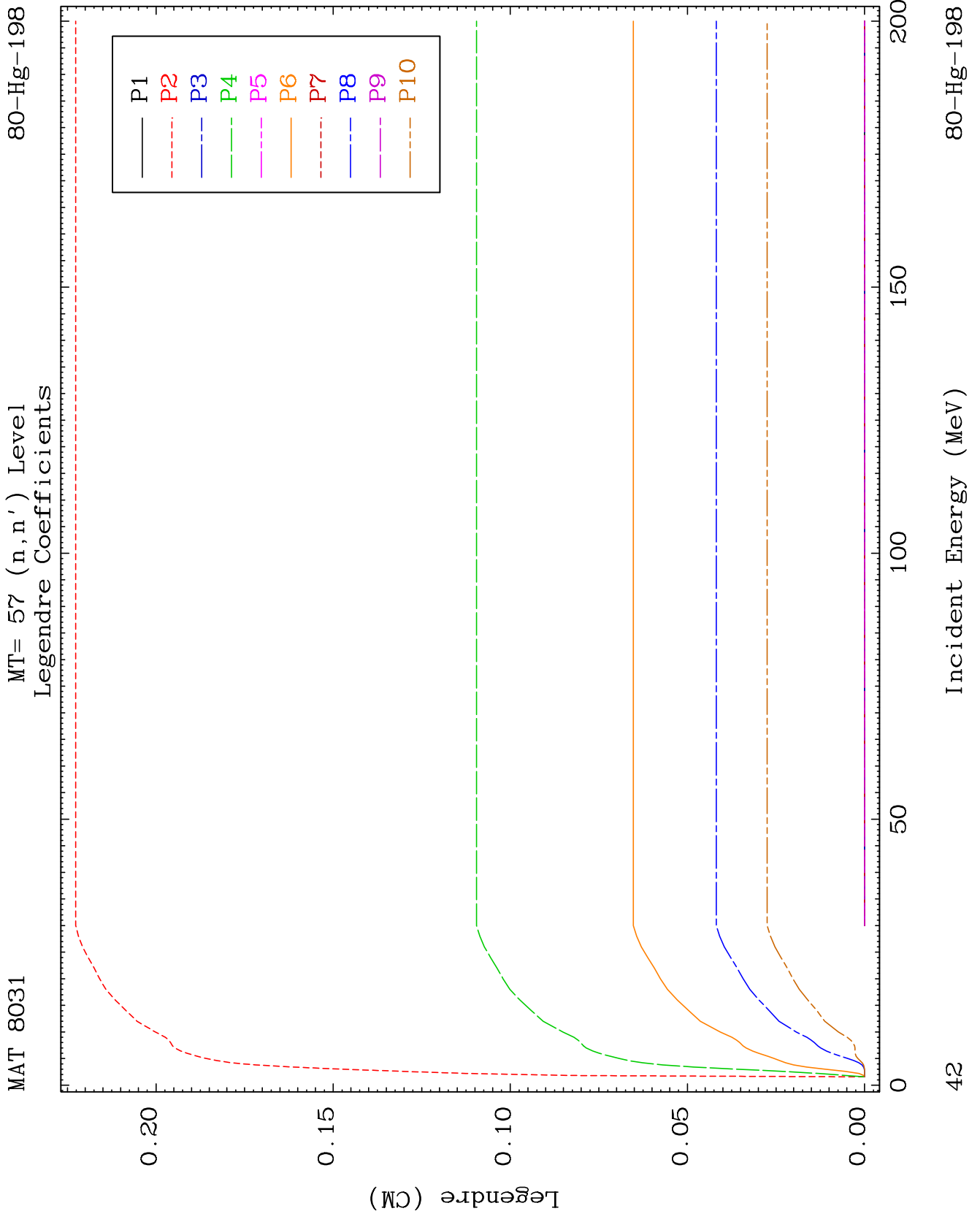
80-Hg-198







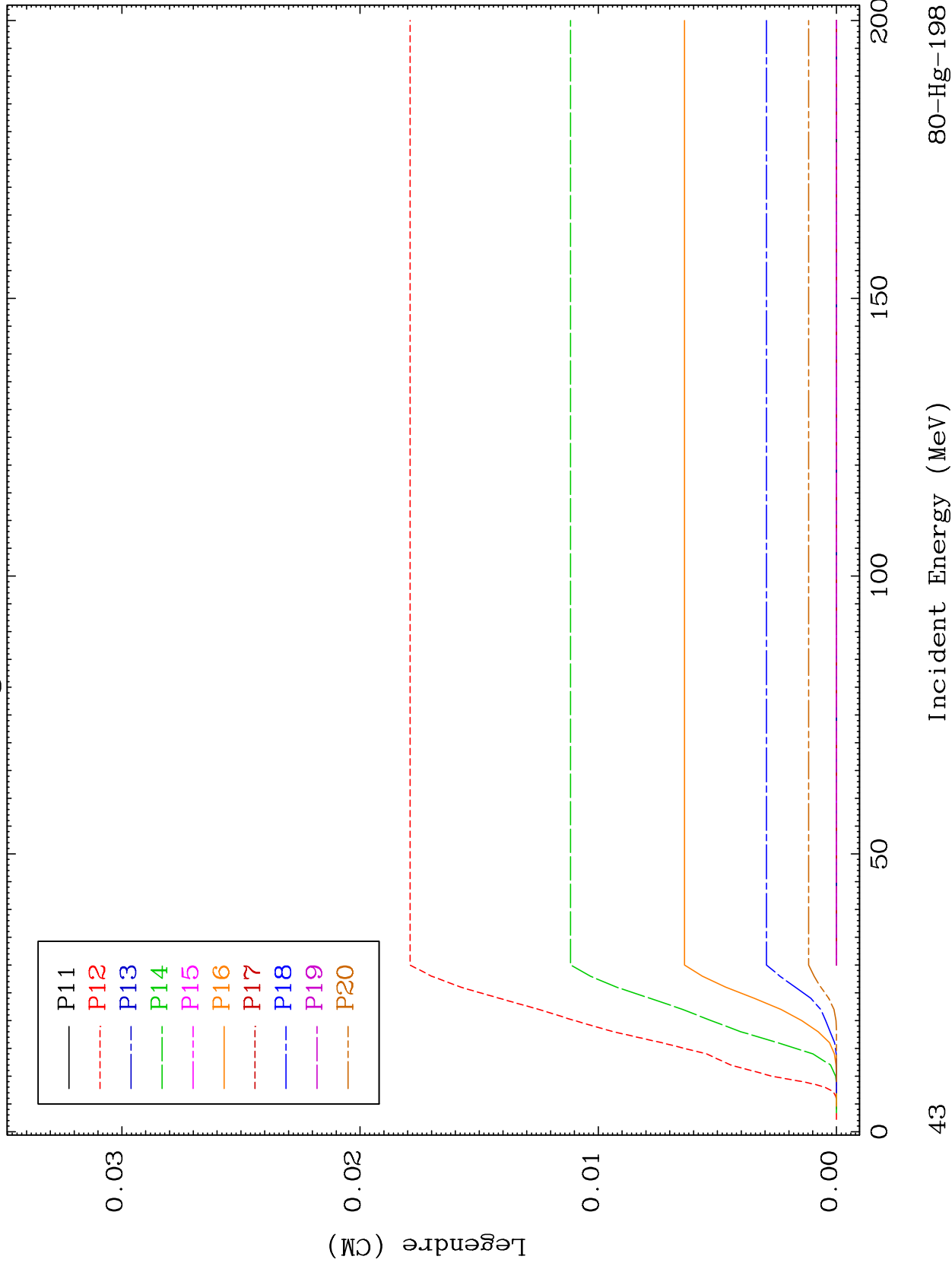




MAT 8031

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

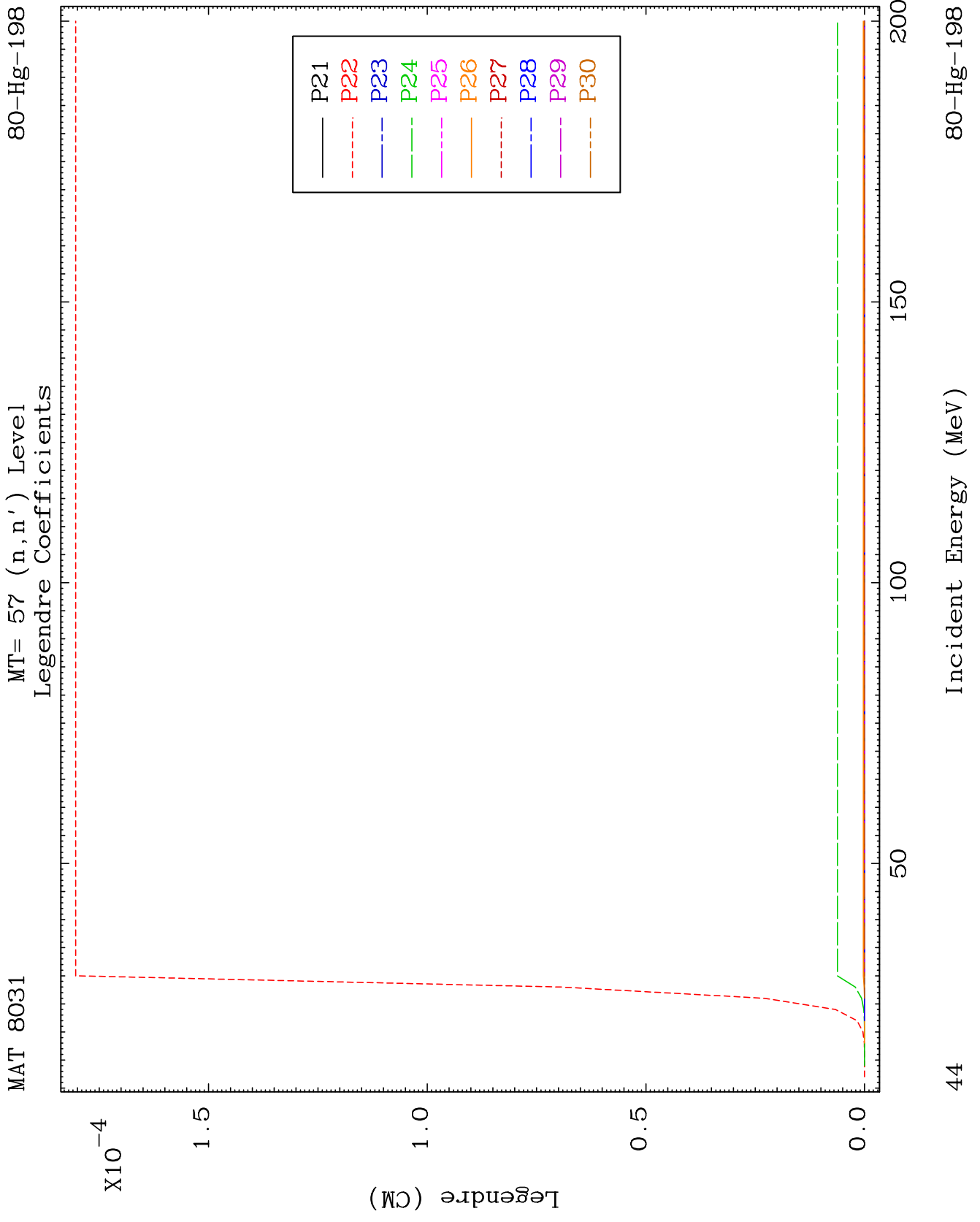
80-Hg-198



43

Incident Energy (MeV)

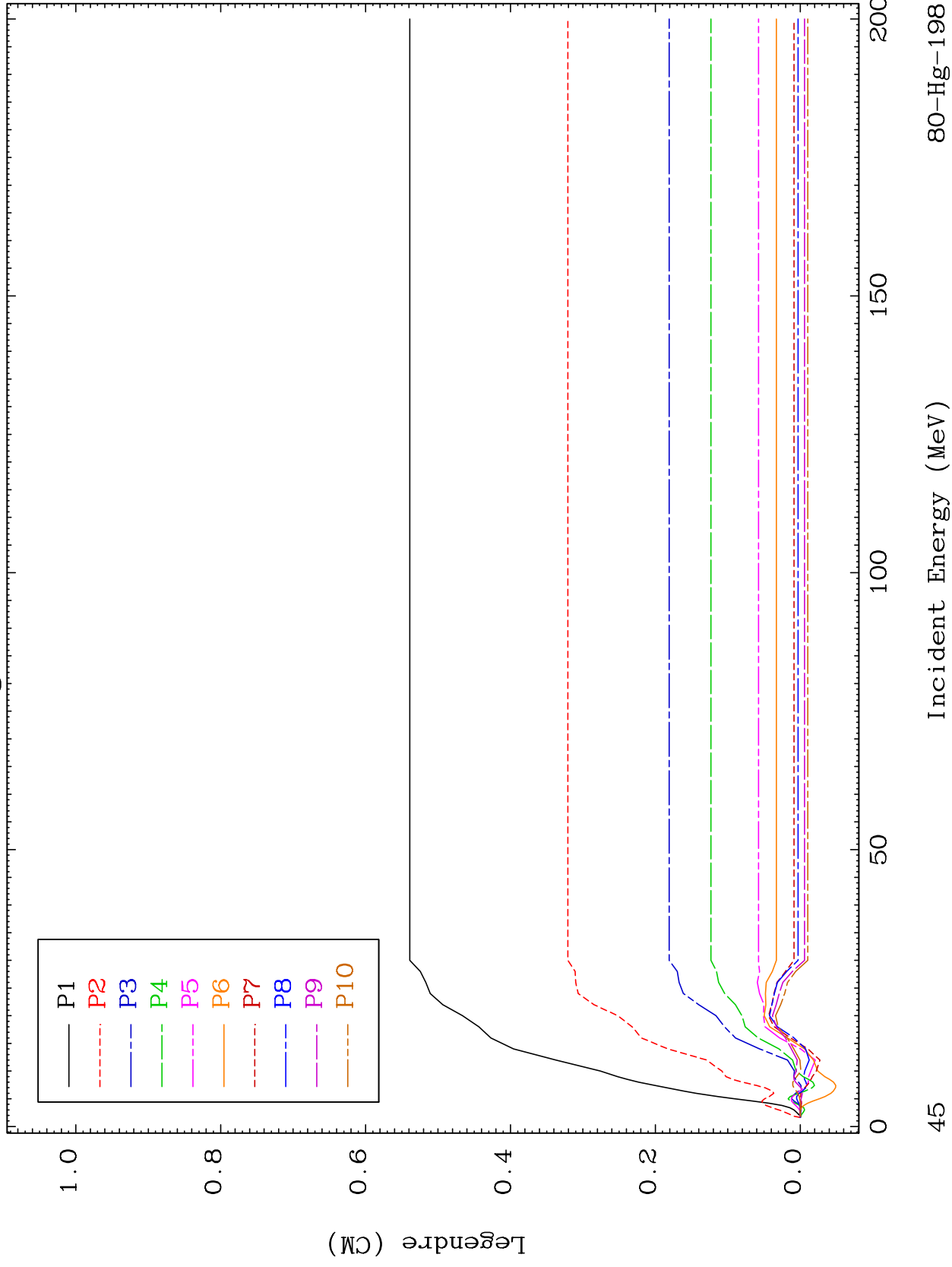
80-Hg-198



MAT 8031

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

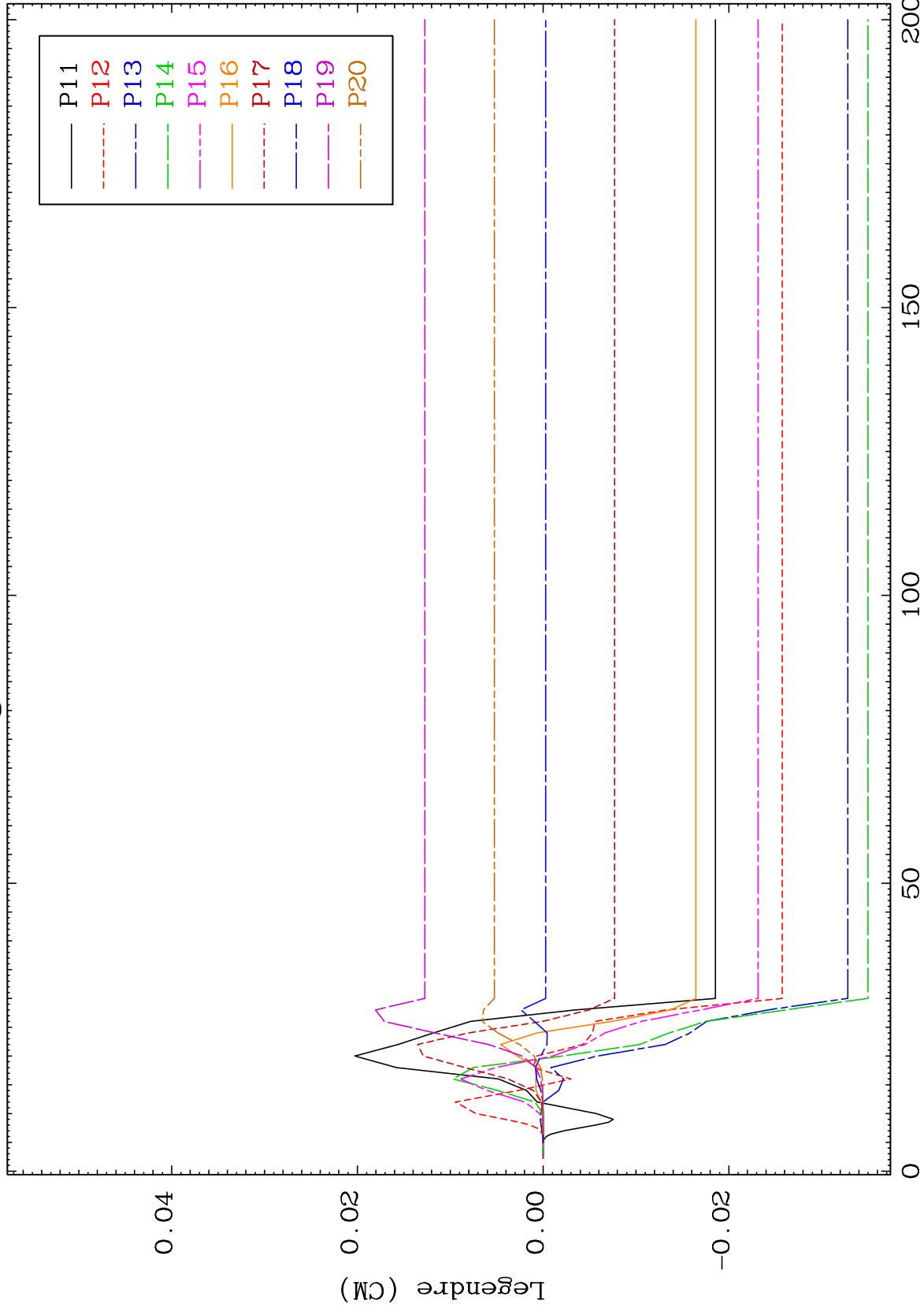
80-Hg-198



MAT 8031

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

80-Hg-198



46

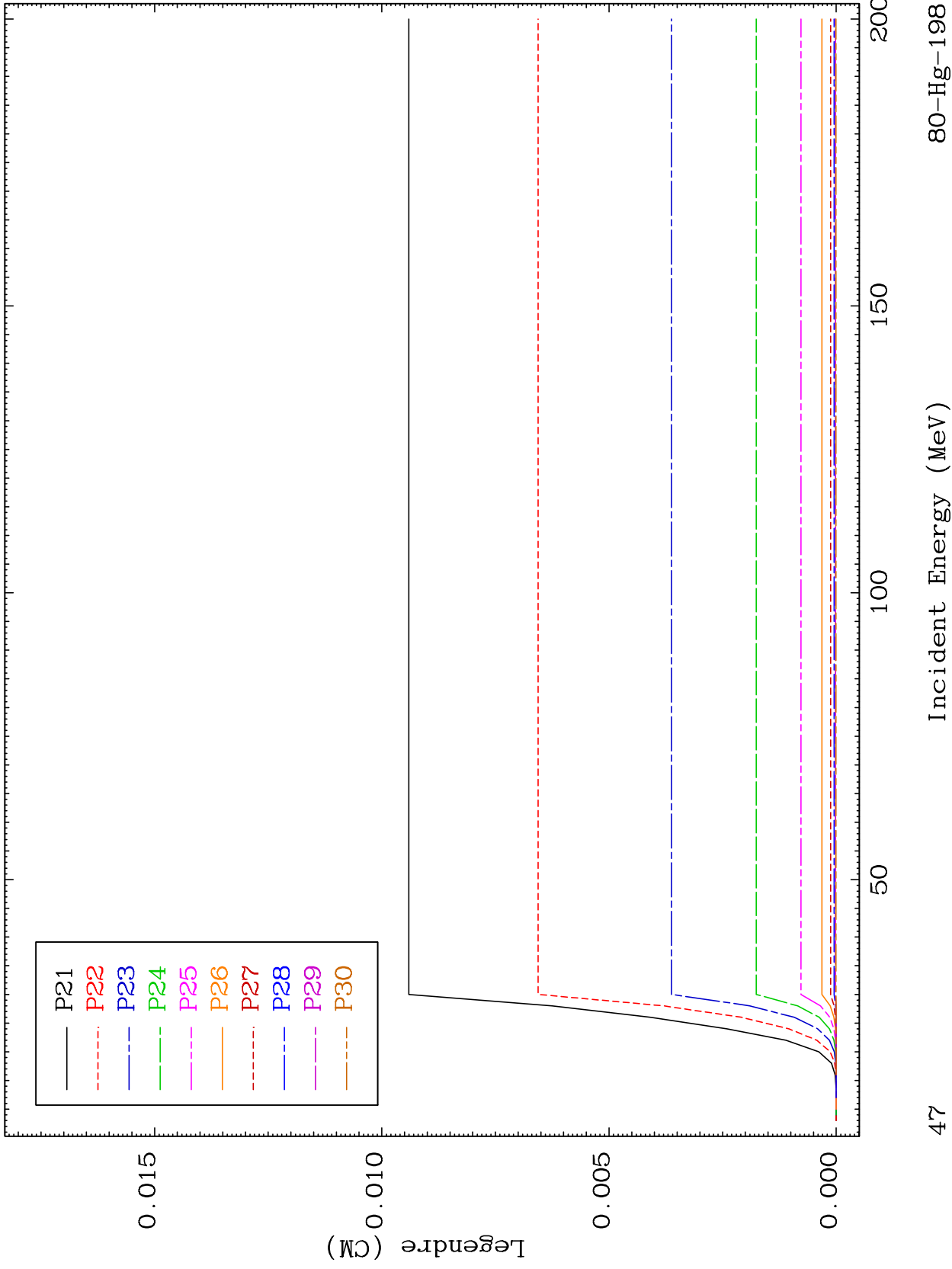
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



47

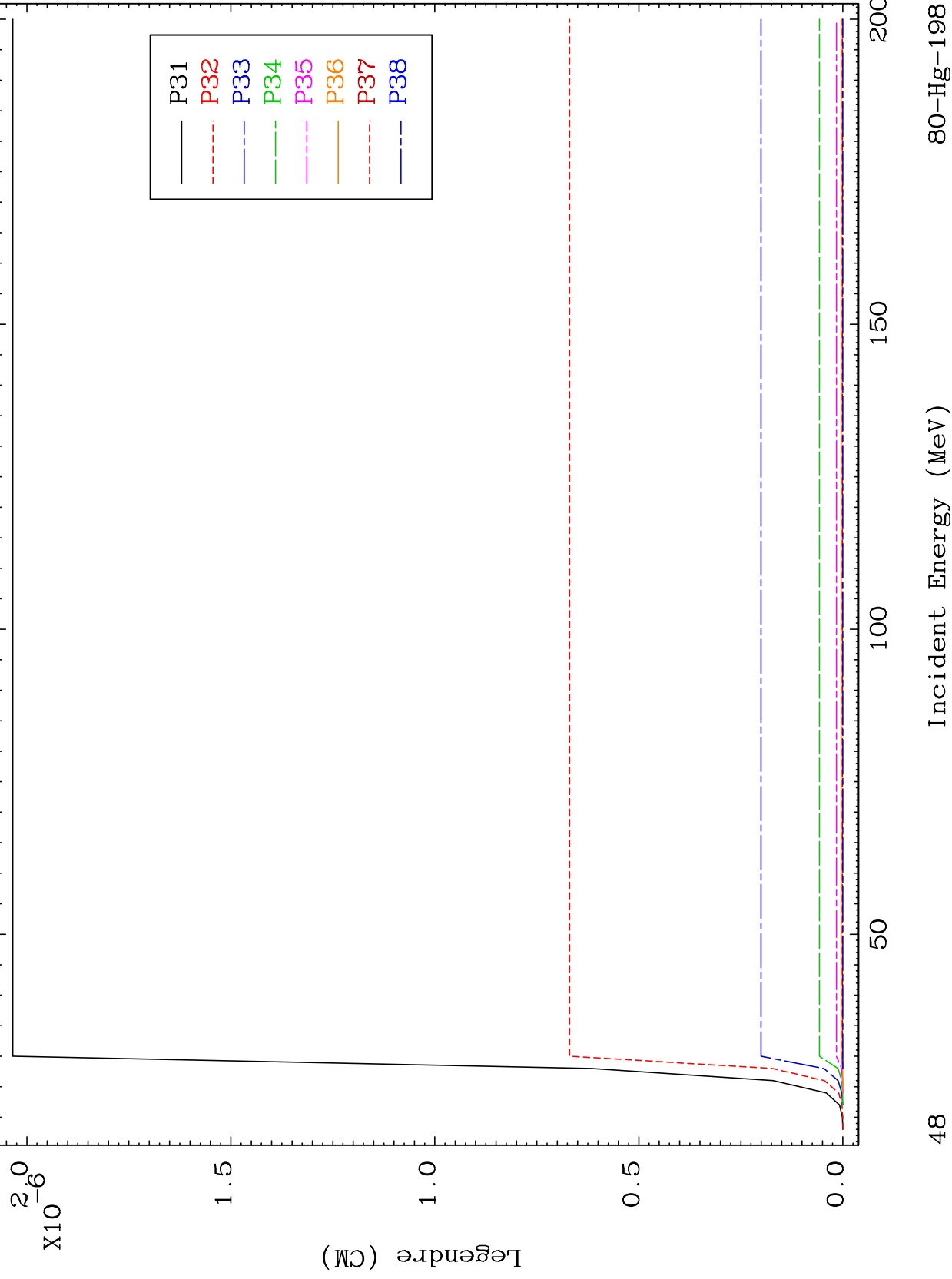
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

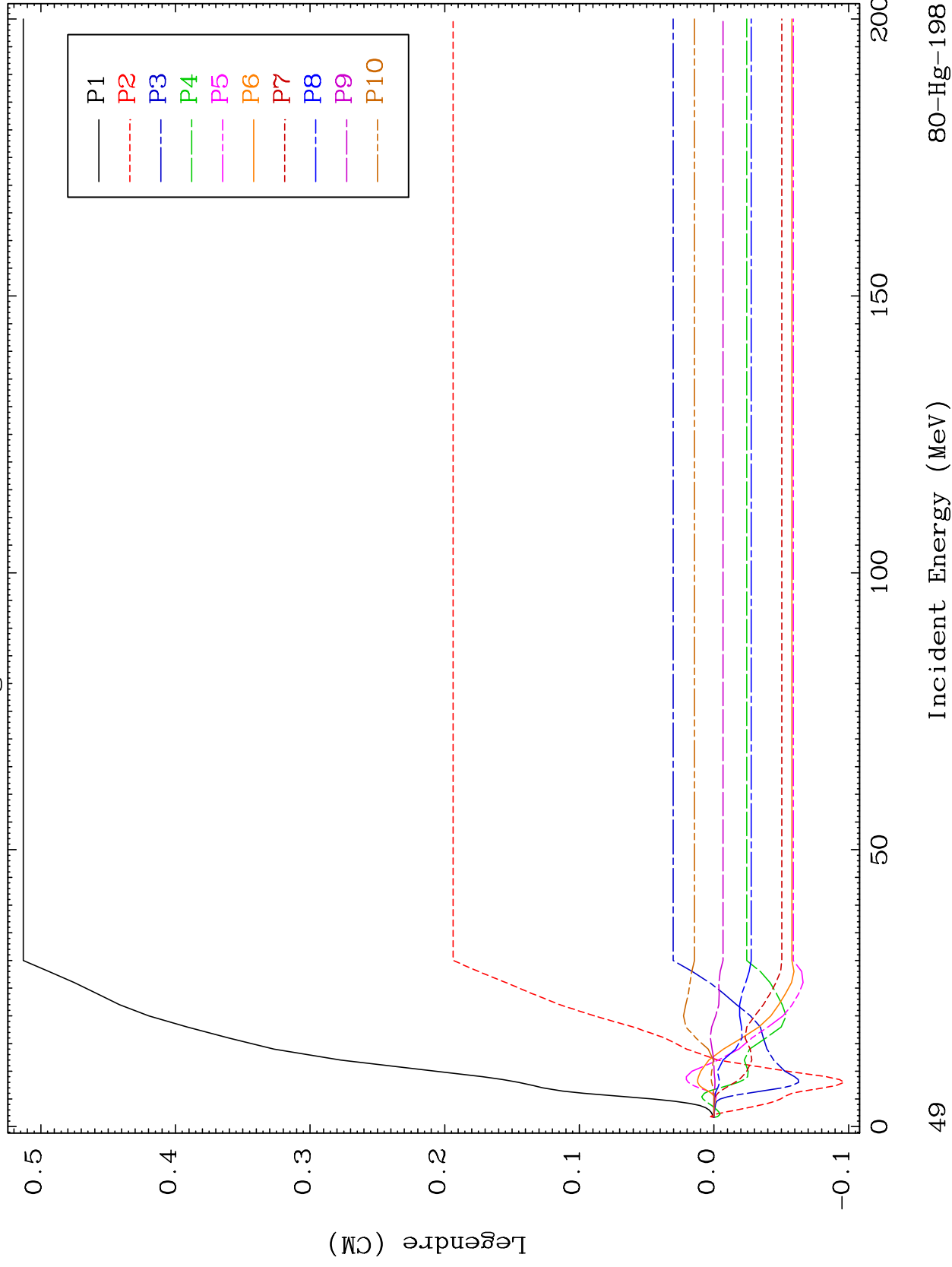
80-Hg-198



MAT 8031

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

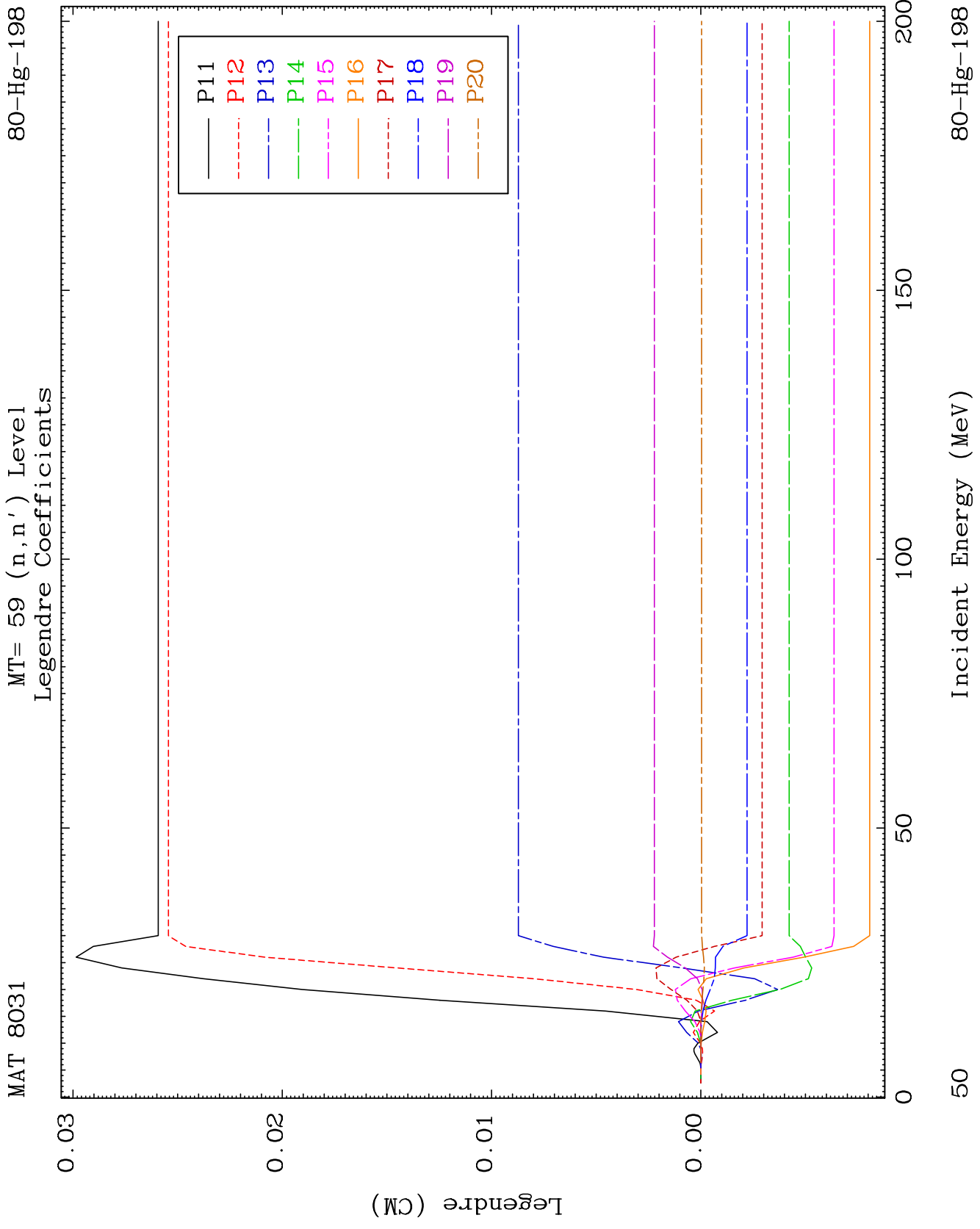
80-Hg-198



80-Hg-198

Incident Energy (MeV)

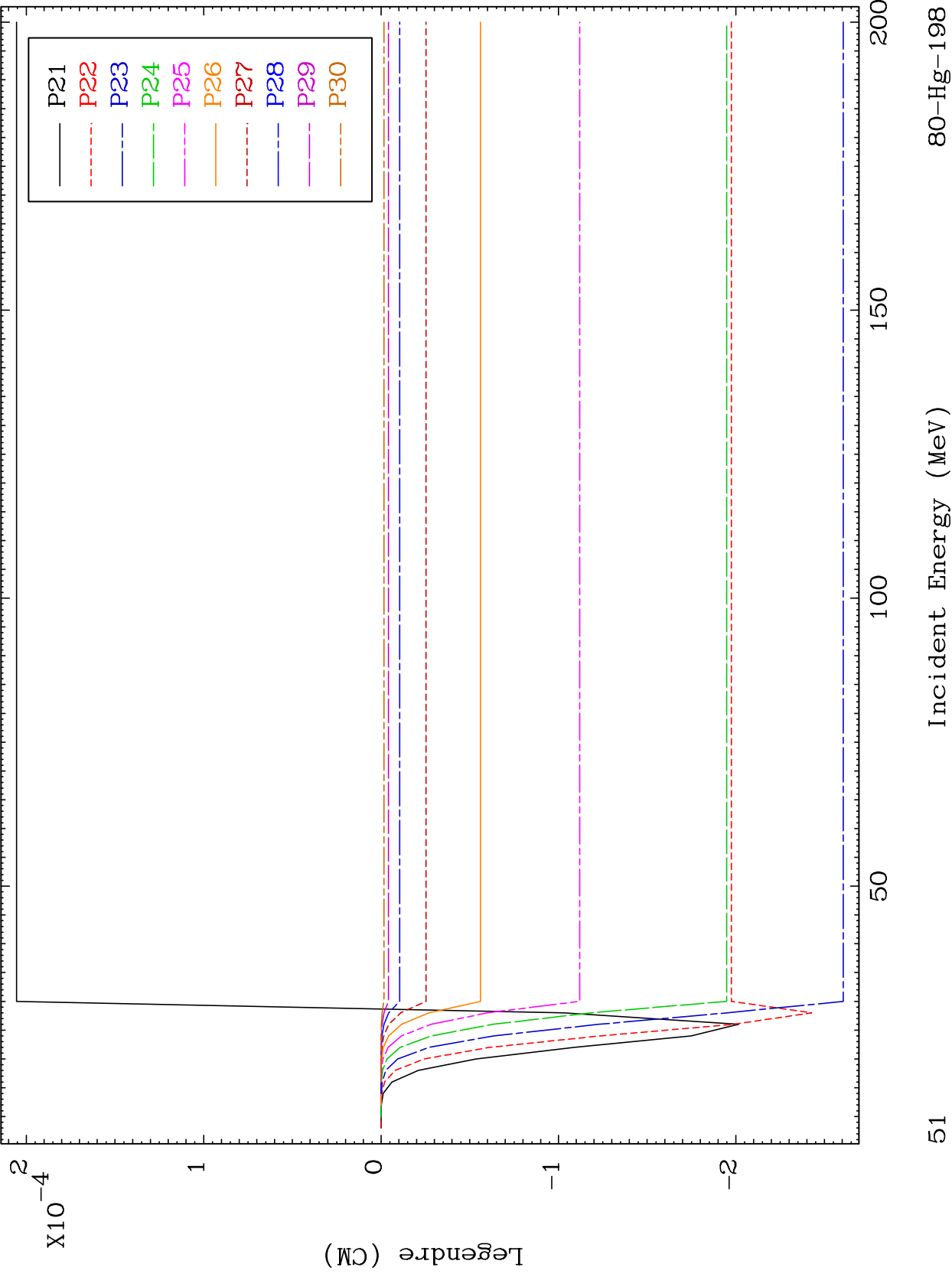
49



MAT 8031

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

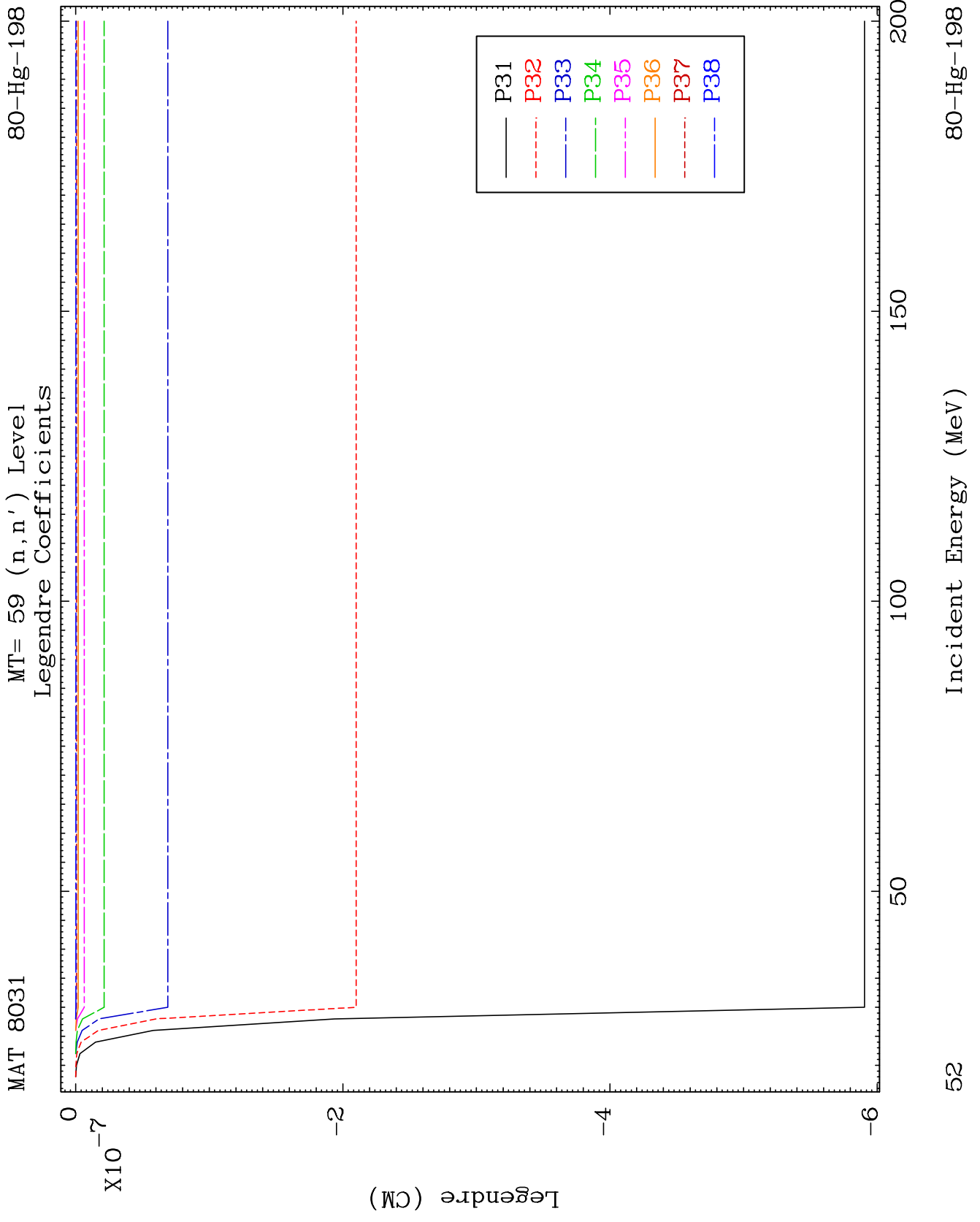
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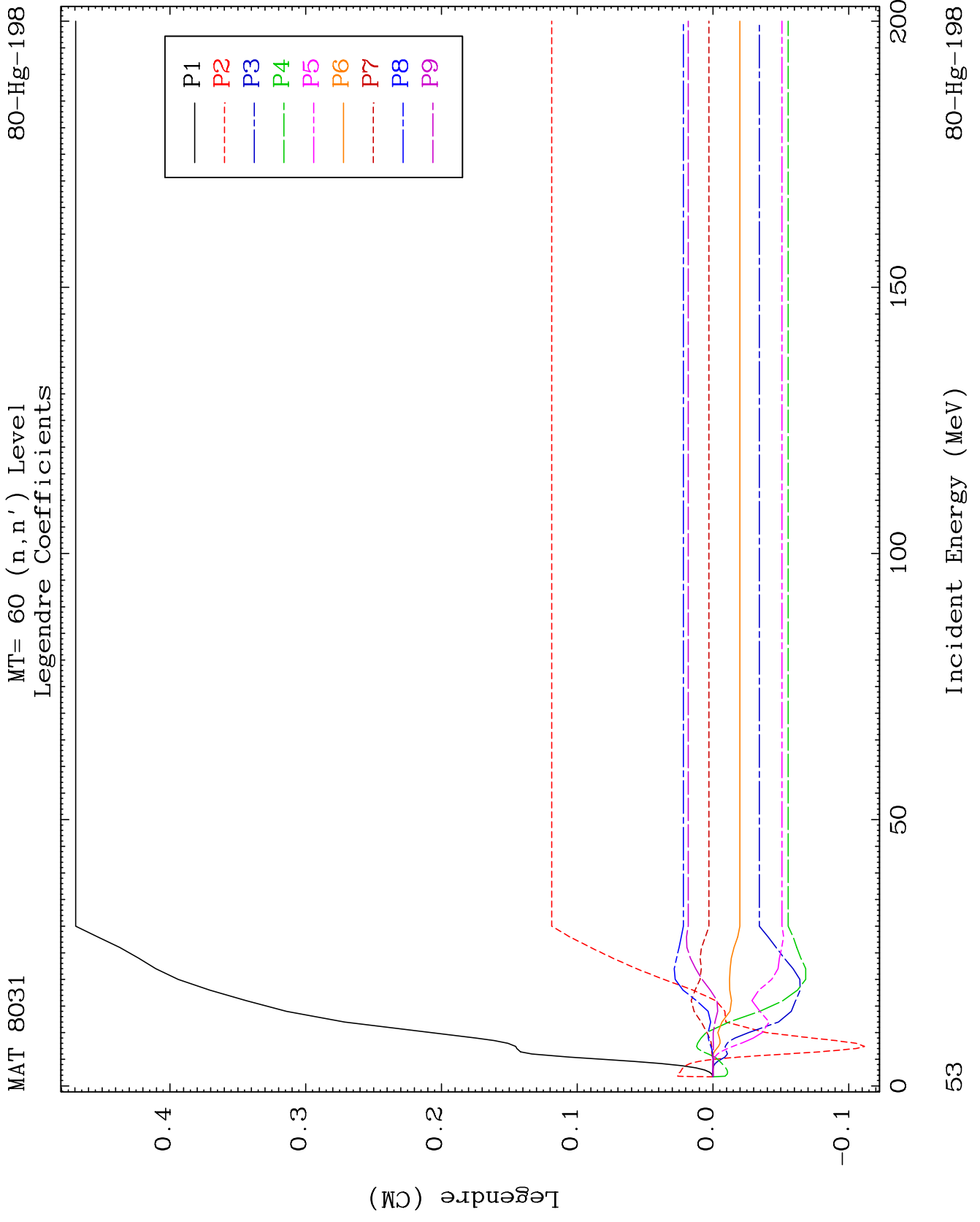


51

Incident Energy (MeV)

80-Hg-198

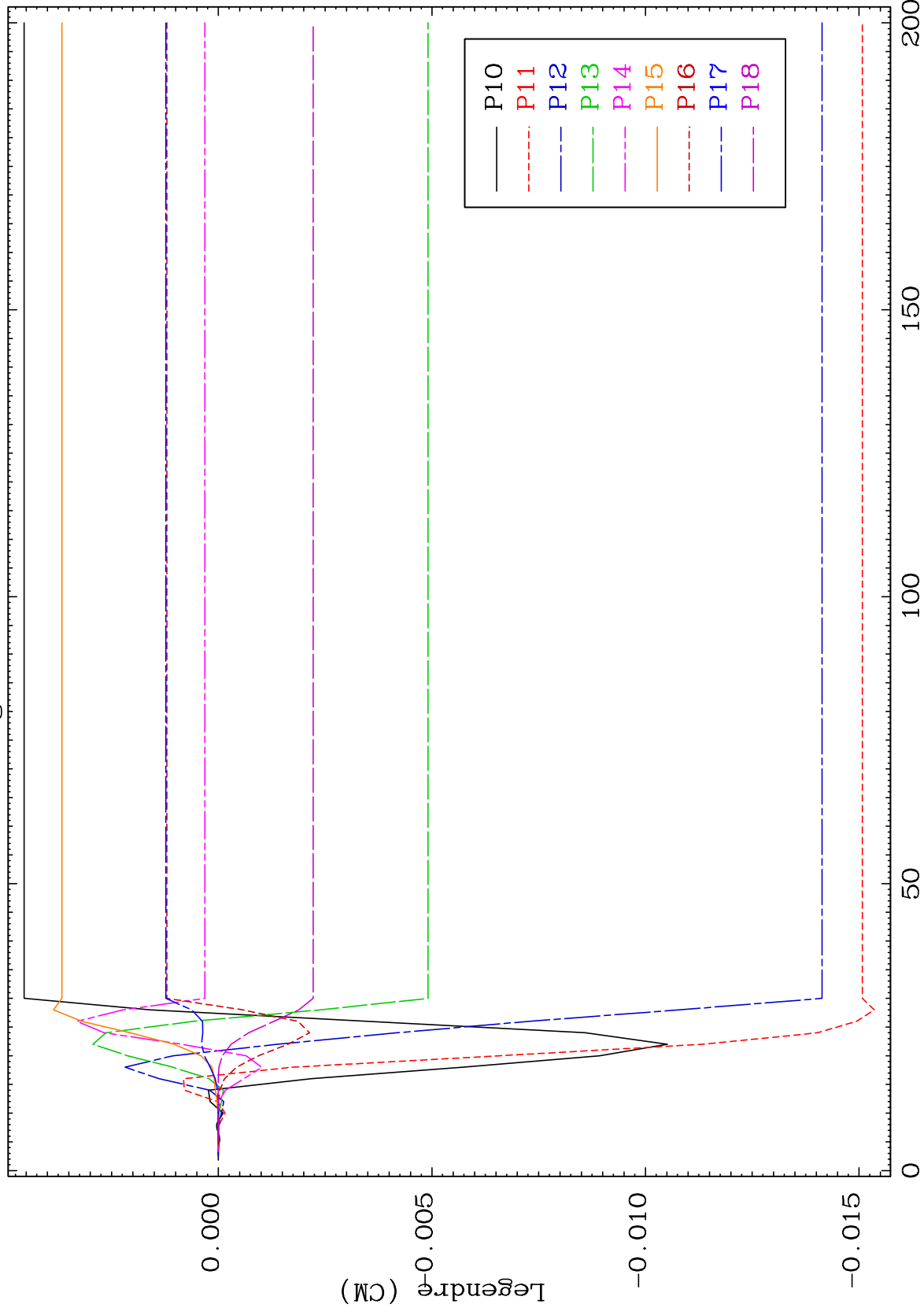




MAT 8031

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

80-Hg-198



54

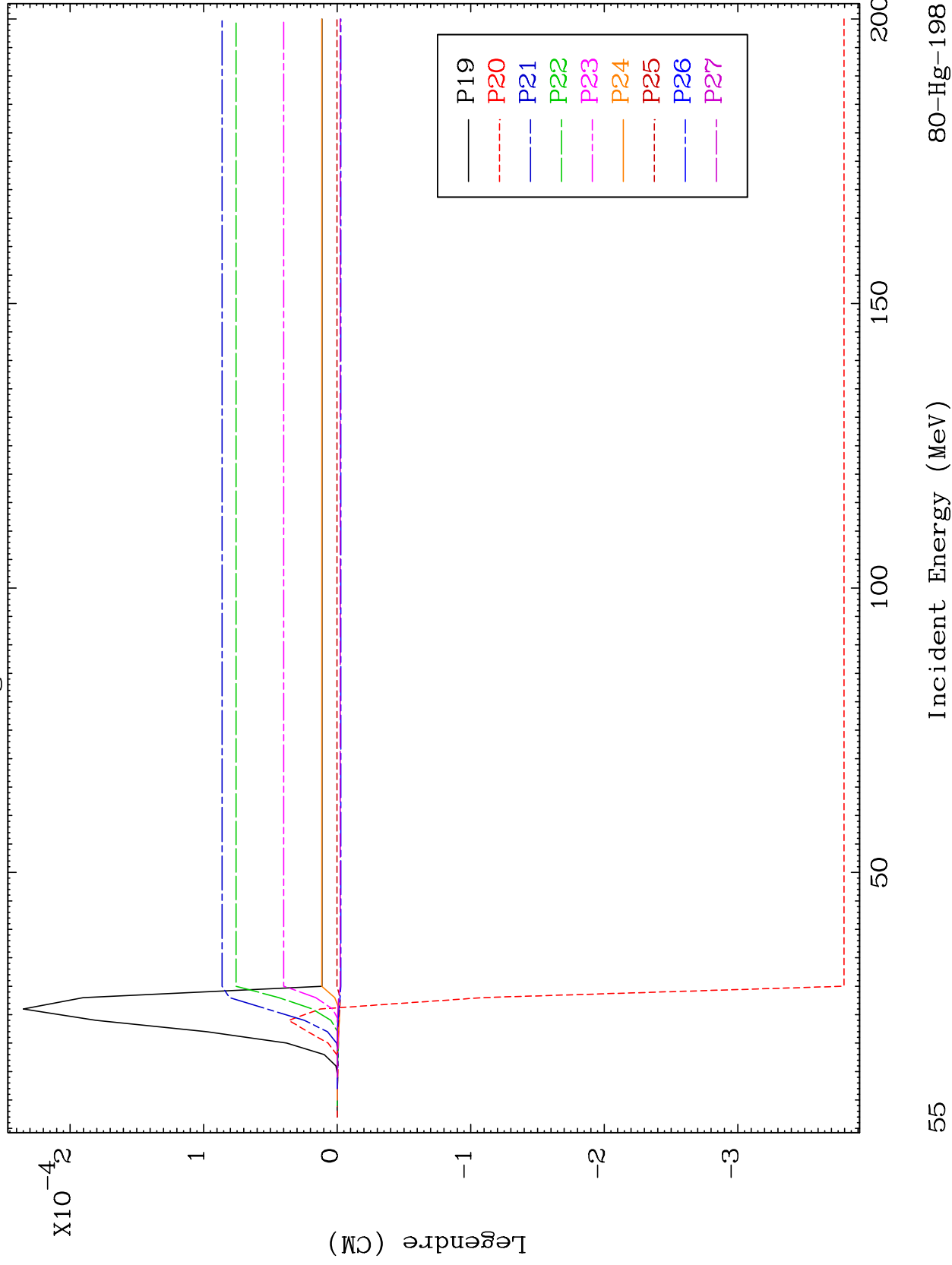
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

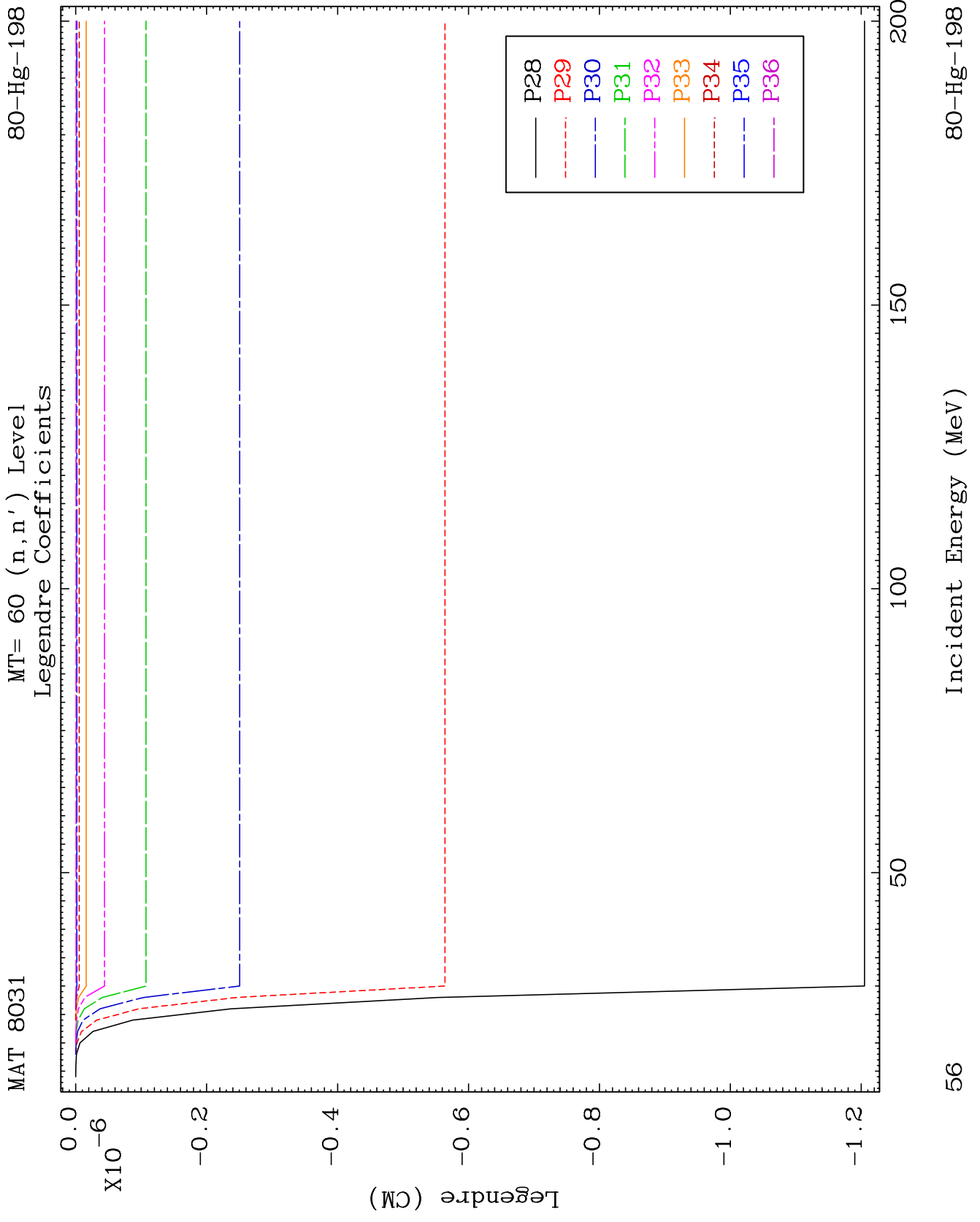
80-Hg-198

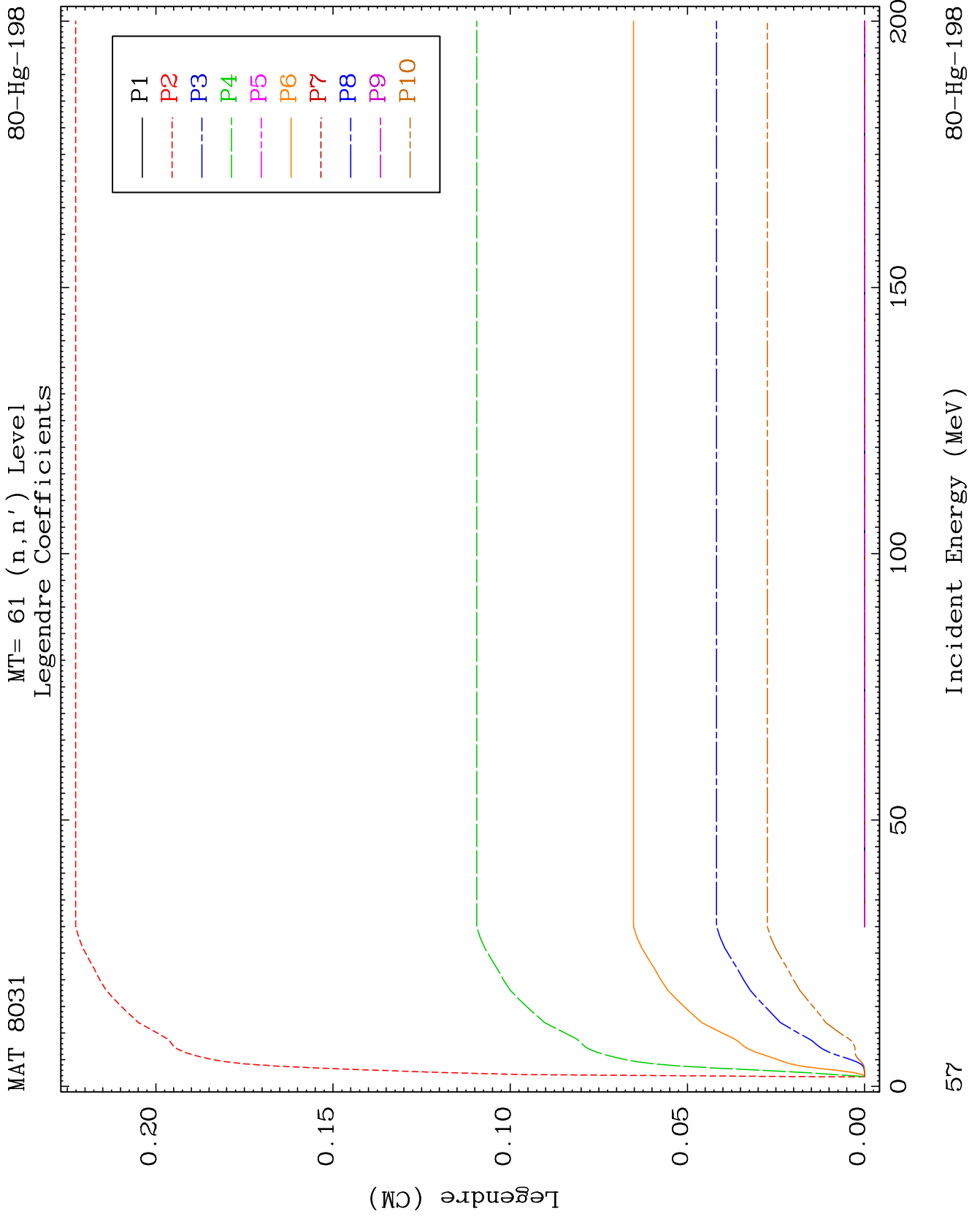


55

Incident Energy (MeV)

80-Hg-198

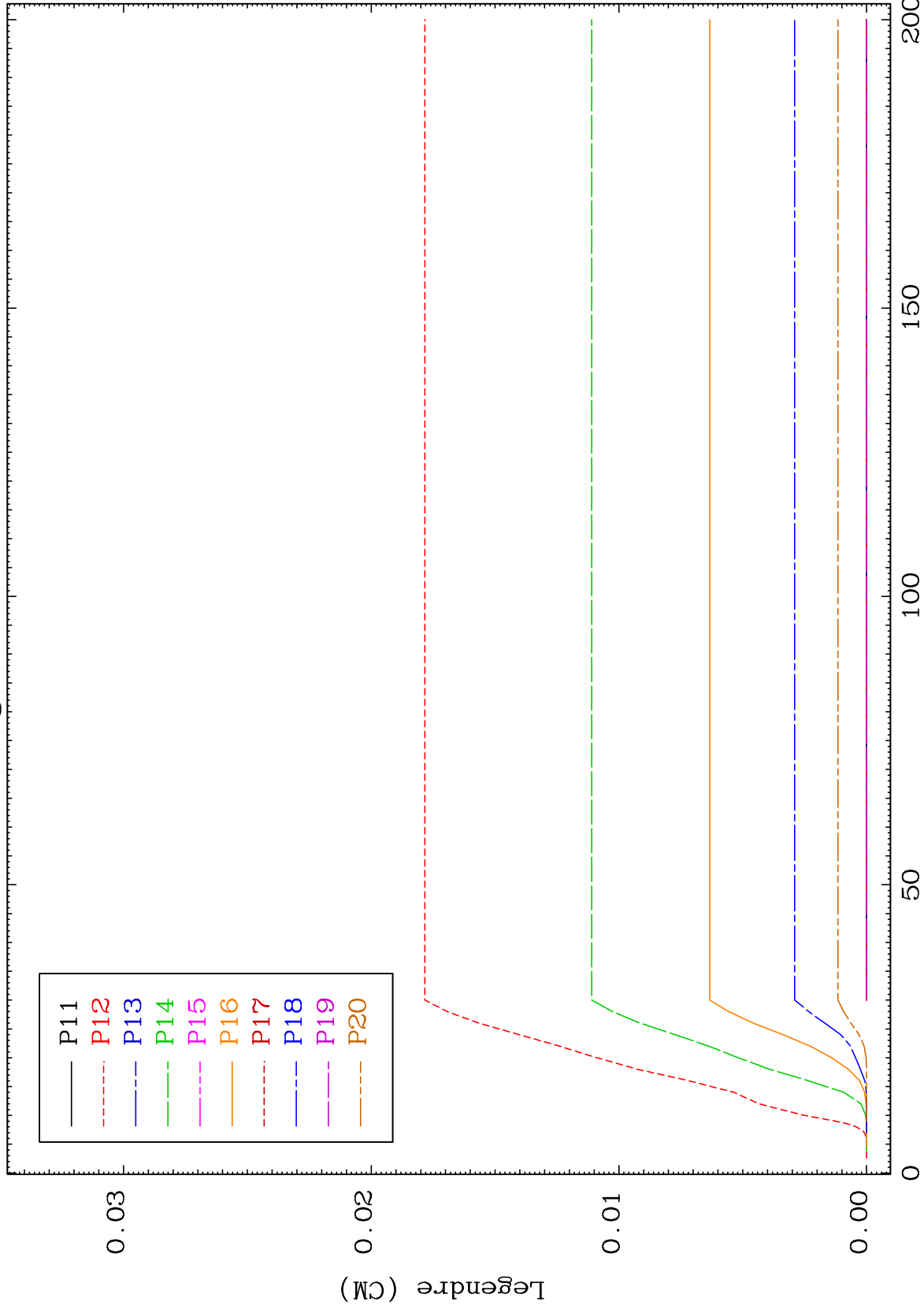




MAT 8031

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

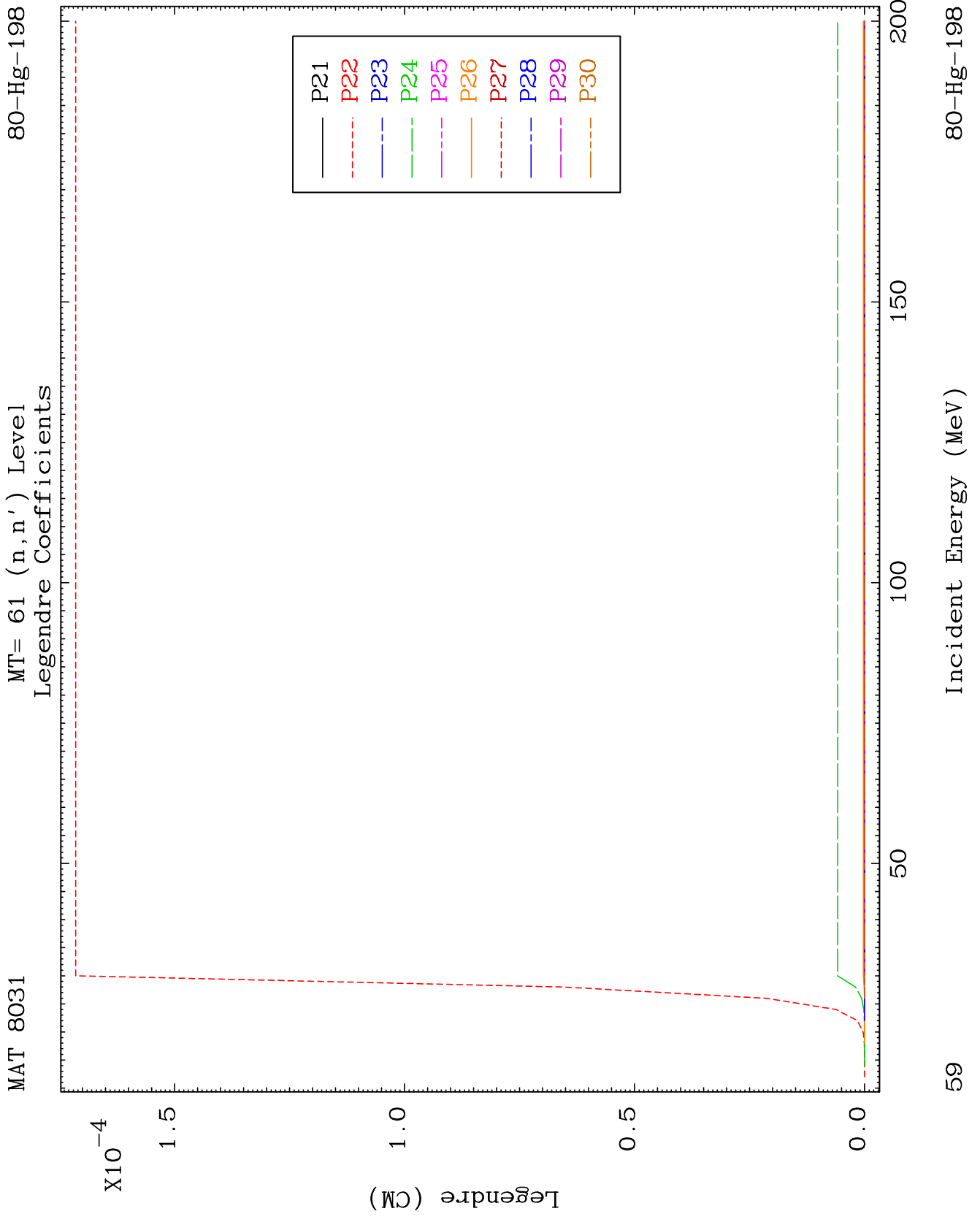
80-Hg-198



58

Incident Energy (MeV)

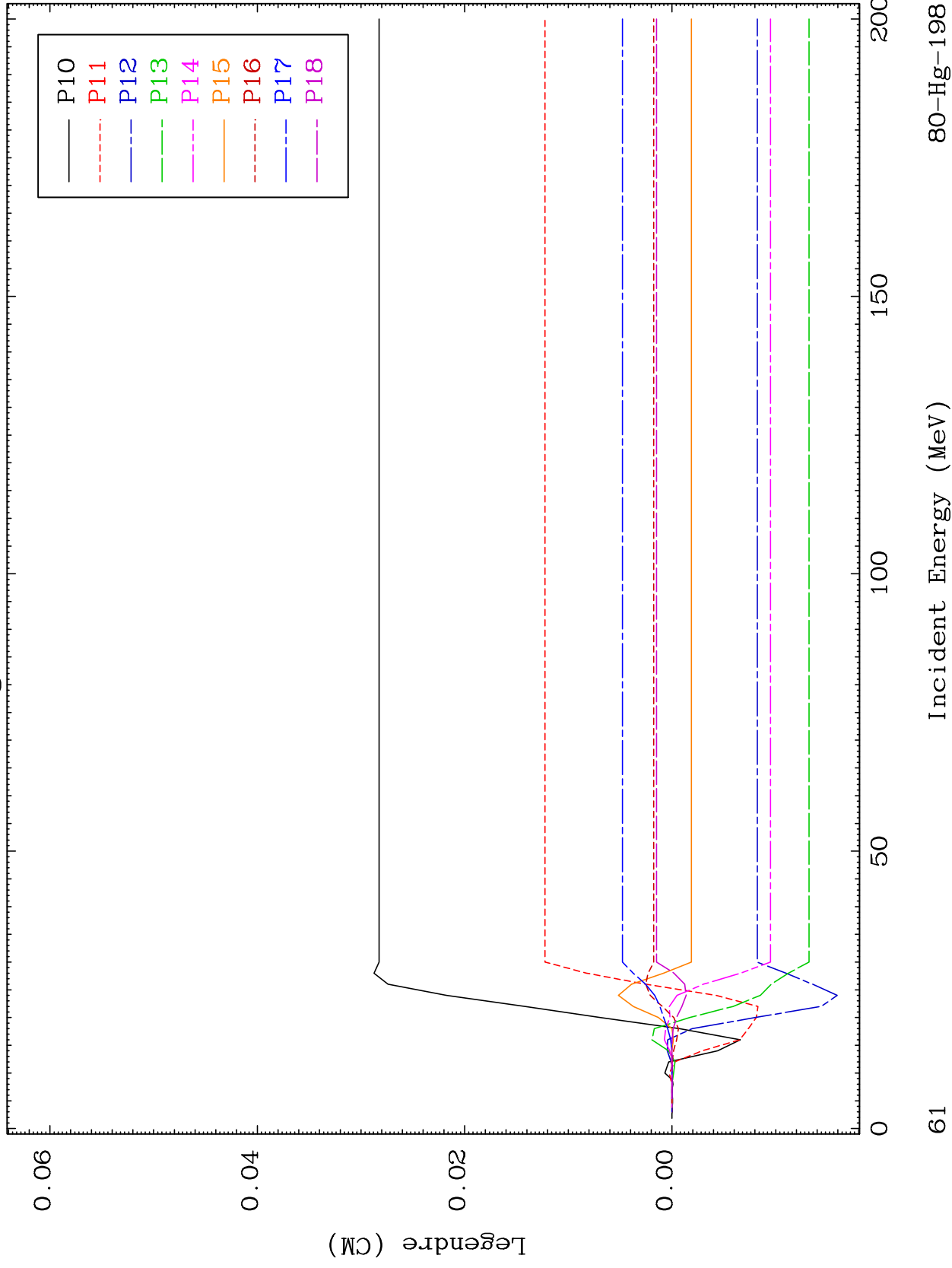
80-Hg-198



MAT 8031

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

80-Hg-198



80-Hg-198

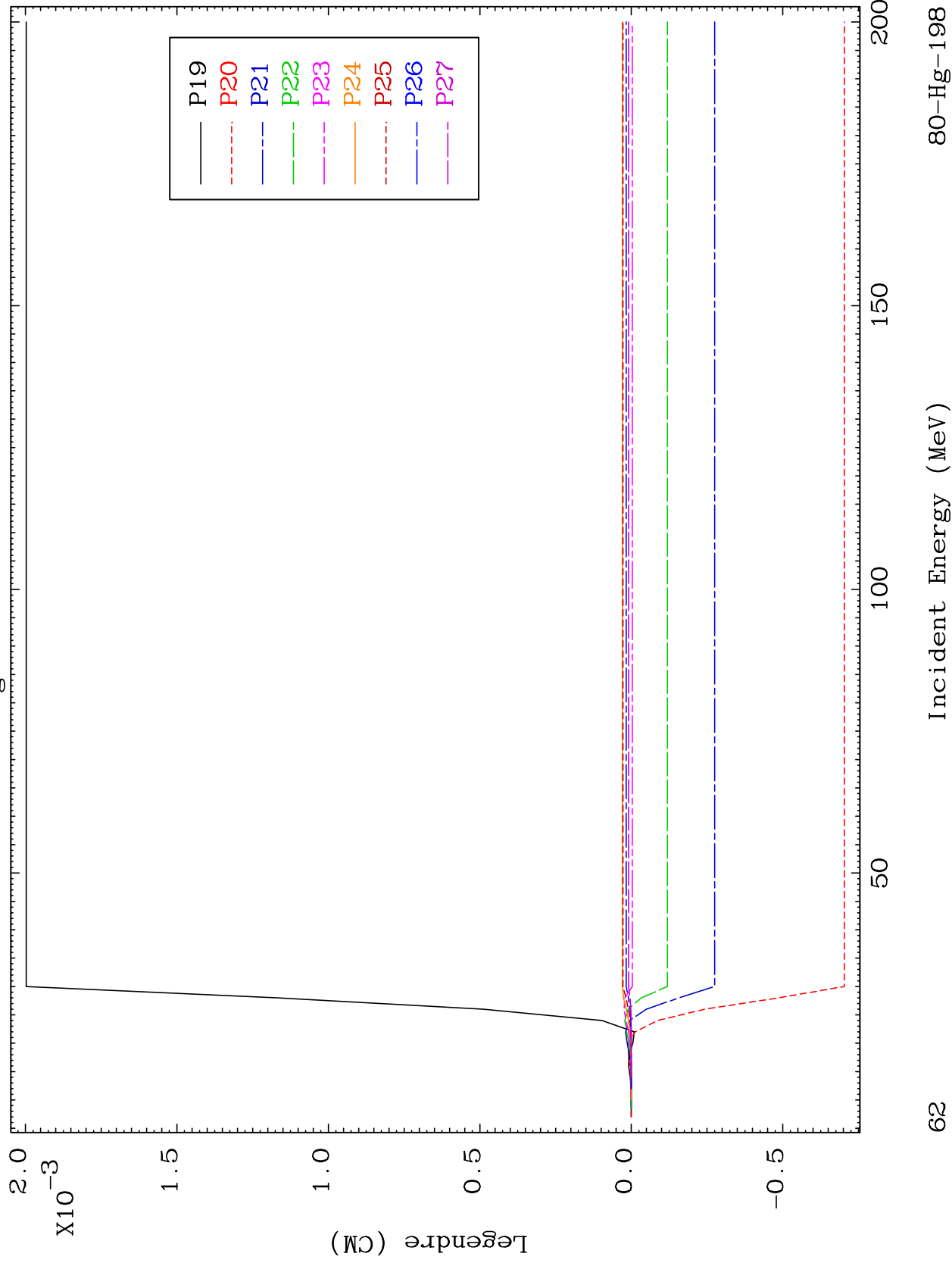
Incident Energy (MeV)

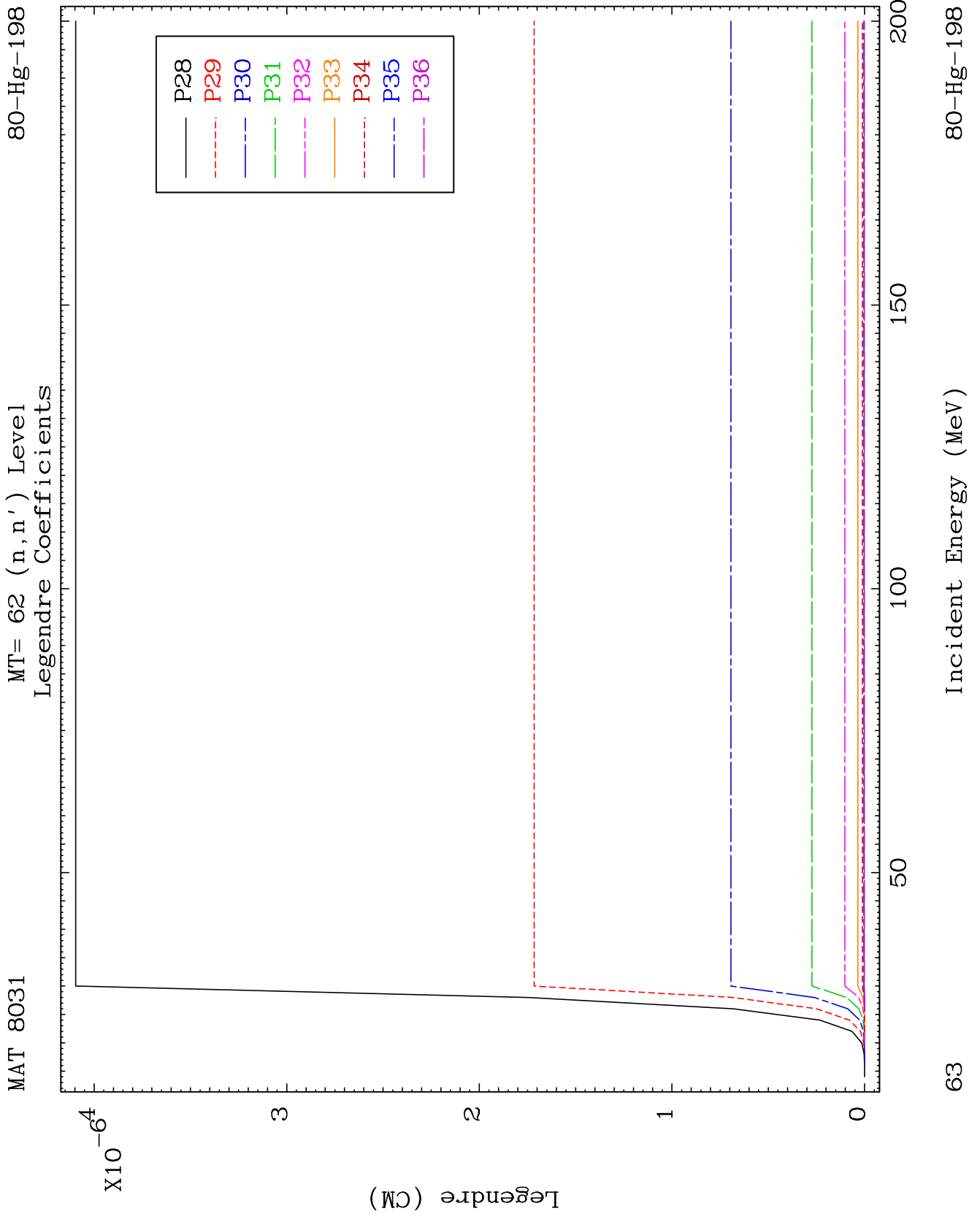
61

MAT 8031

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

80-Hg-198

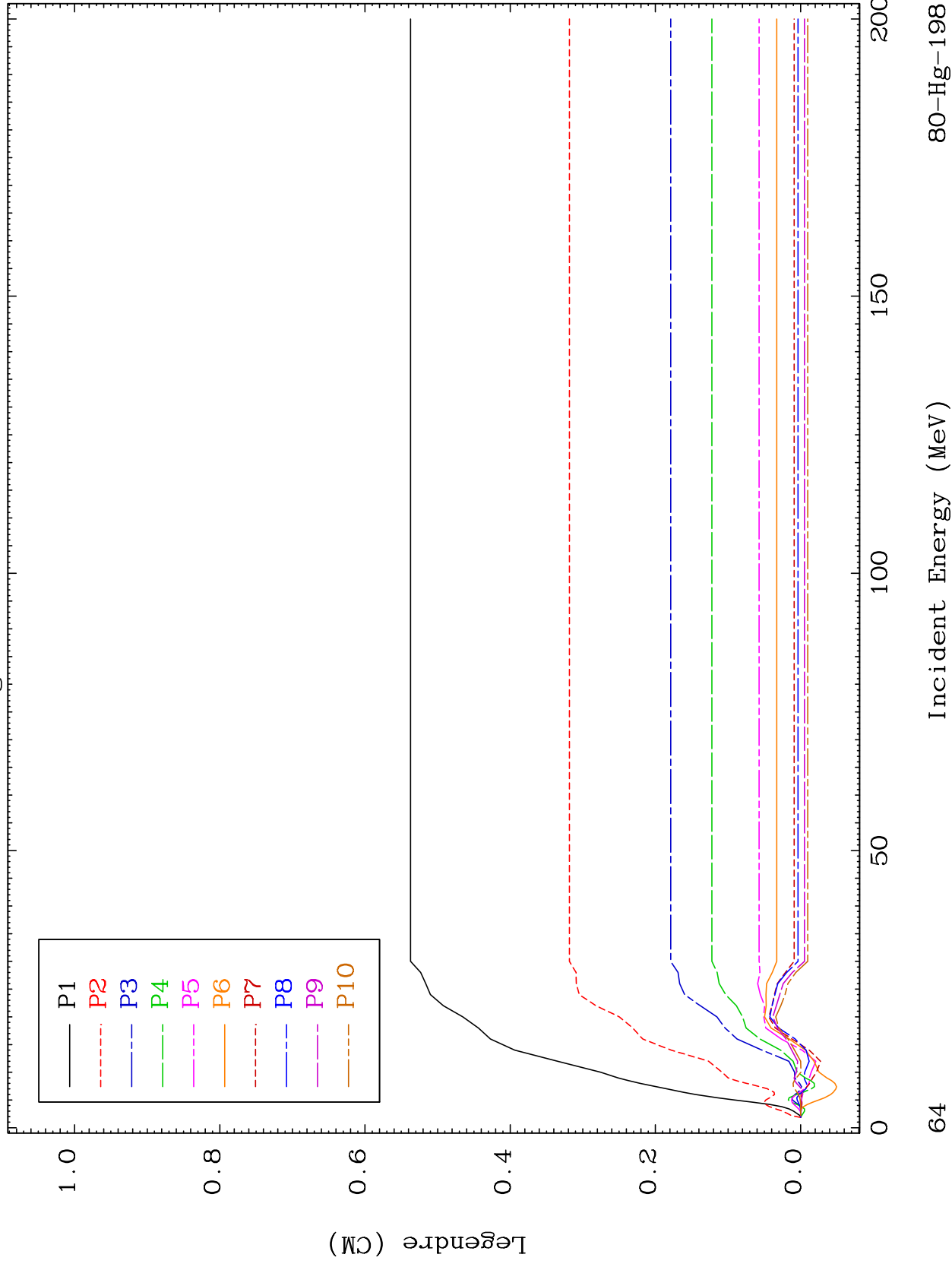




MAT 8031

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

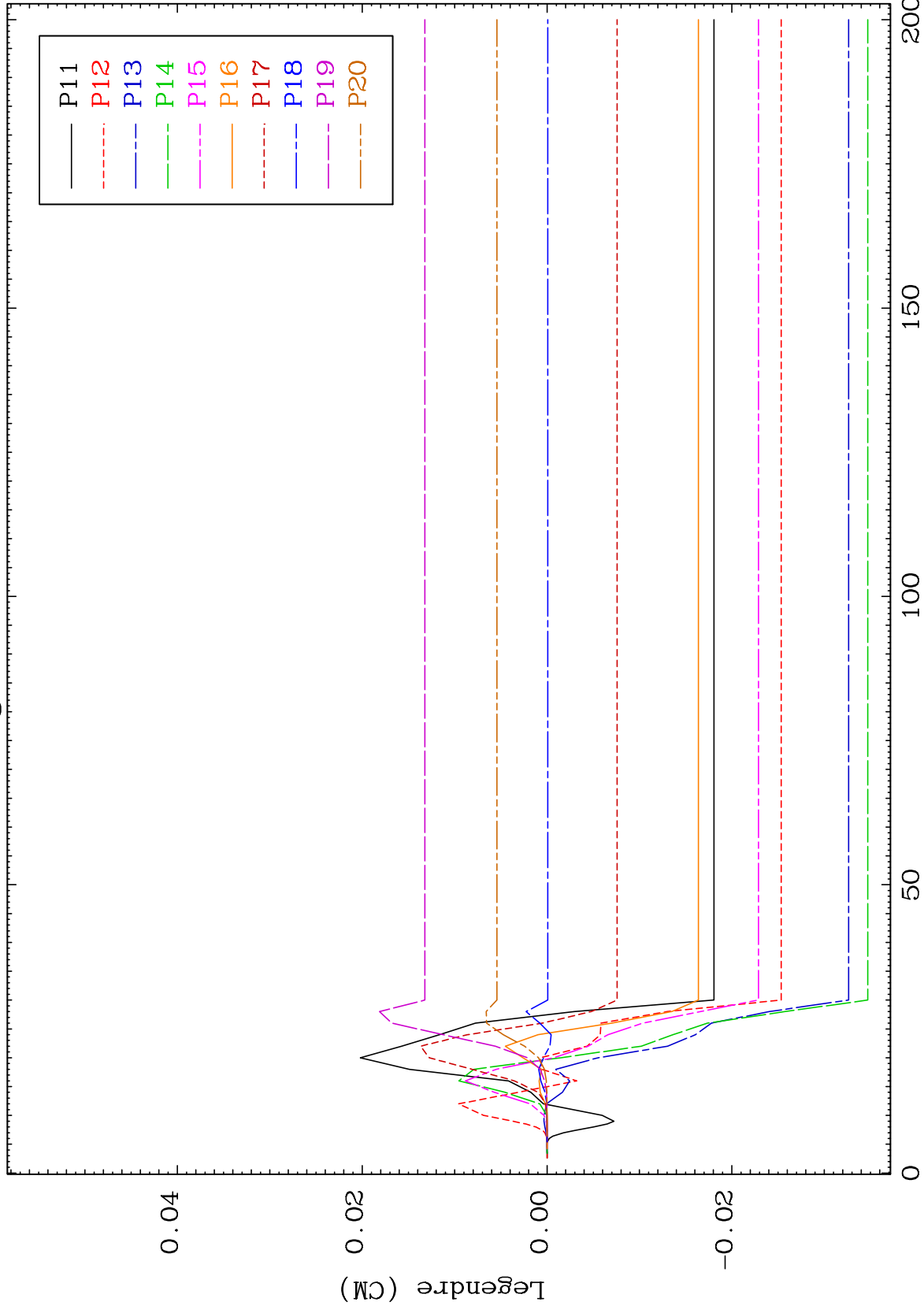
80-Hg-198



MAT 8031

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

80-Hg-198



65

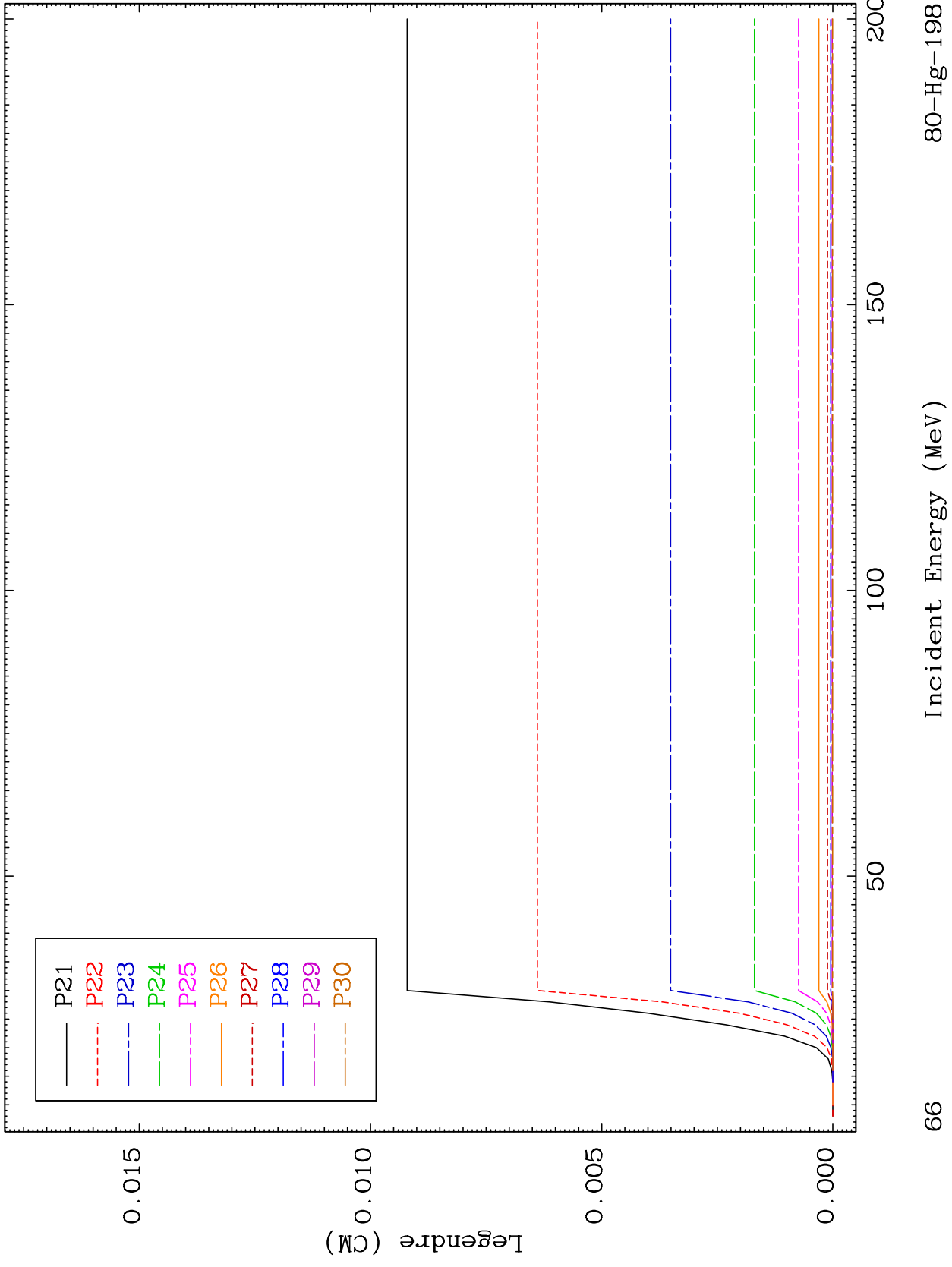
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



66

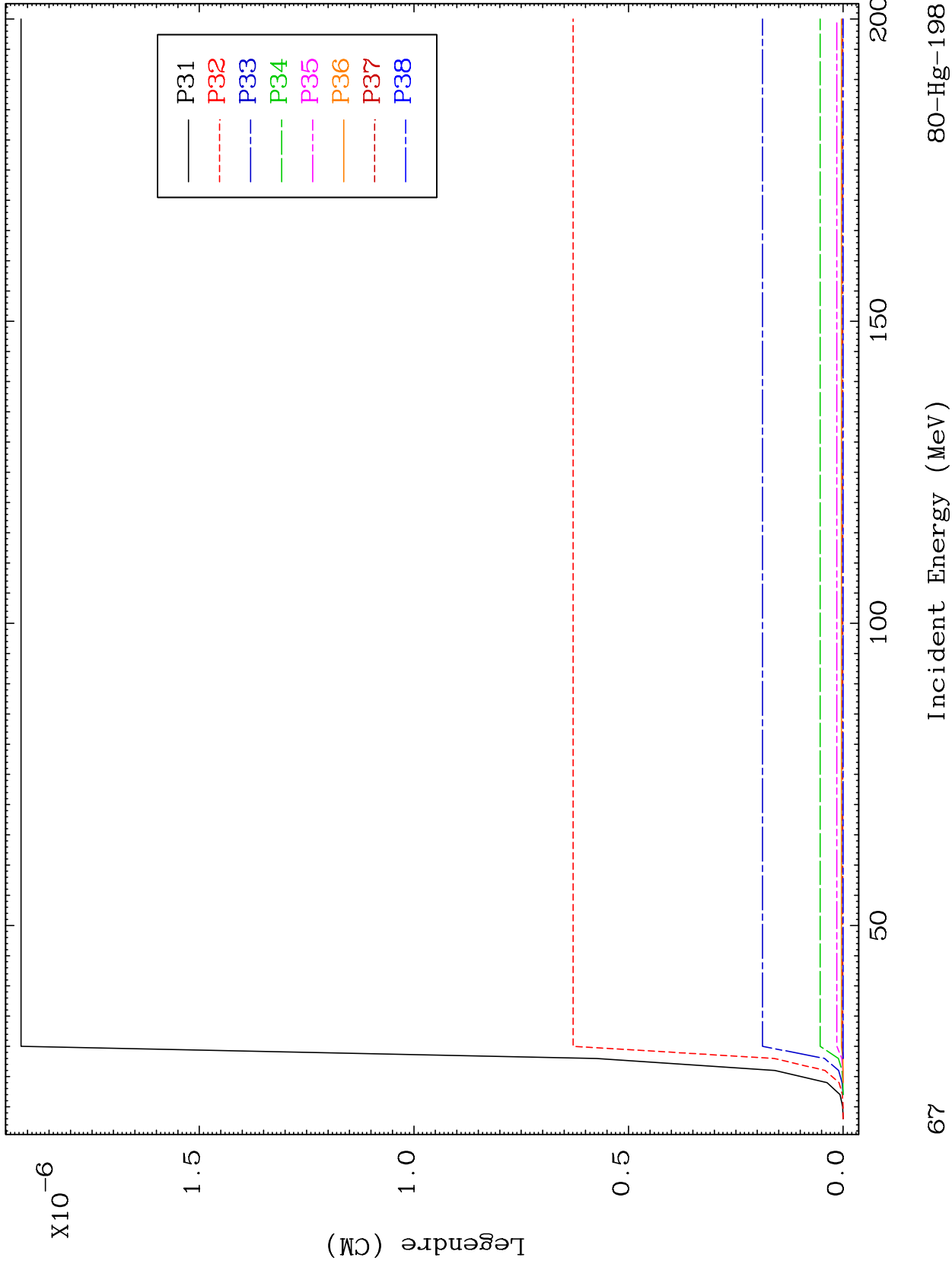
Incident Energy (MeV)

80-Hg-198

MAT 8031

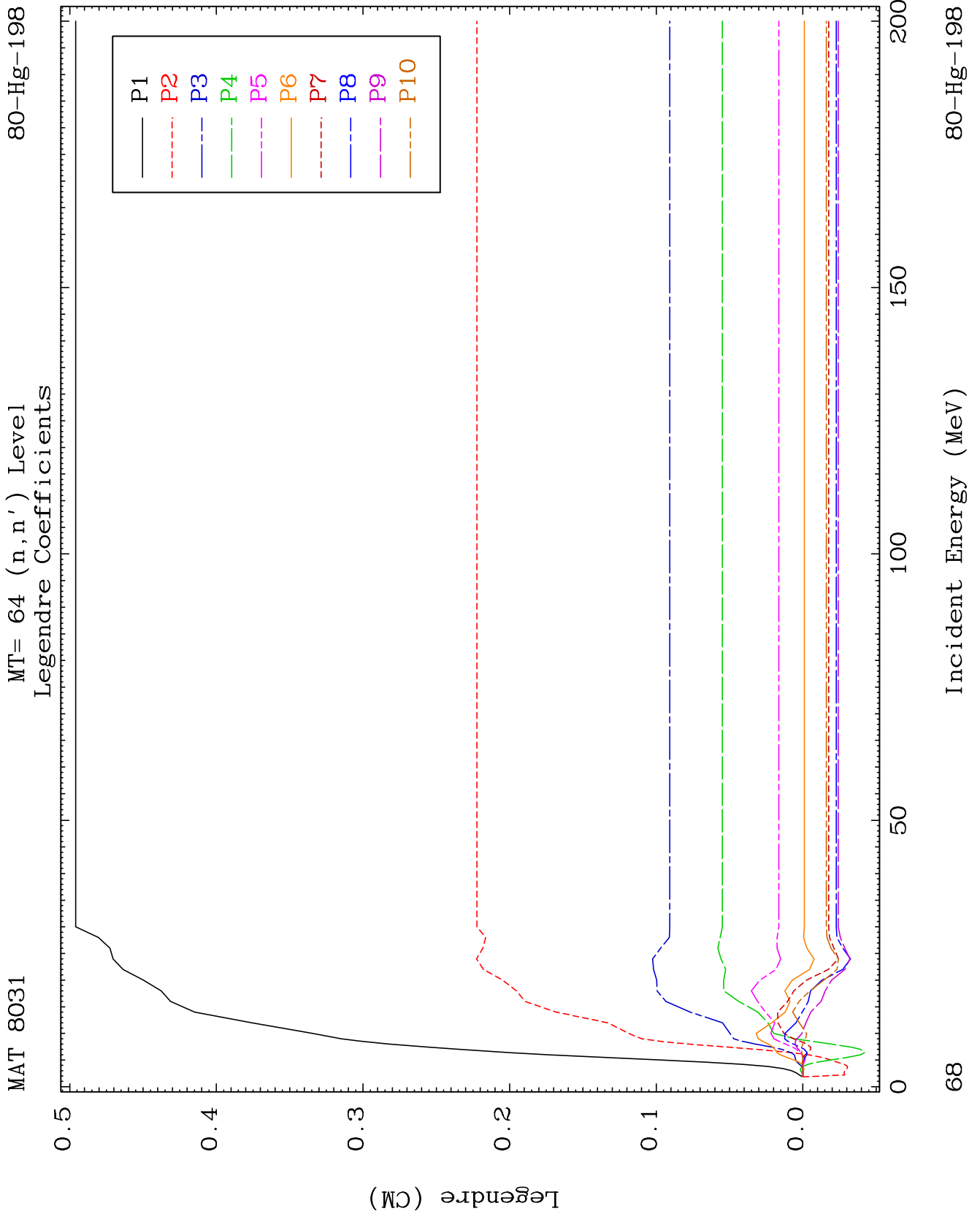
MT= 63 (n,n') Level
Legendre Coefficients

80-Hg-198



67

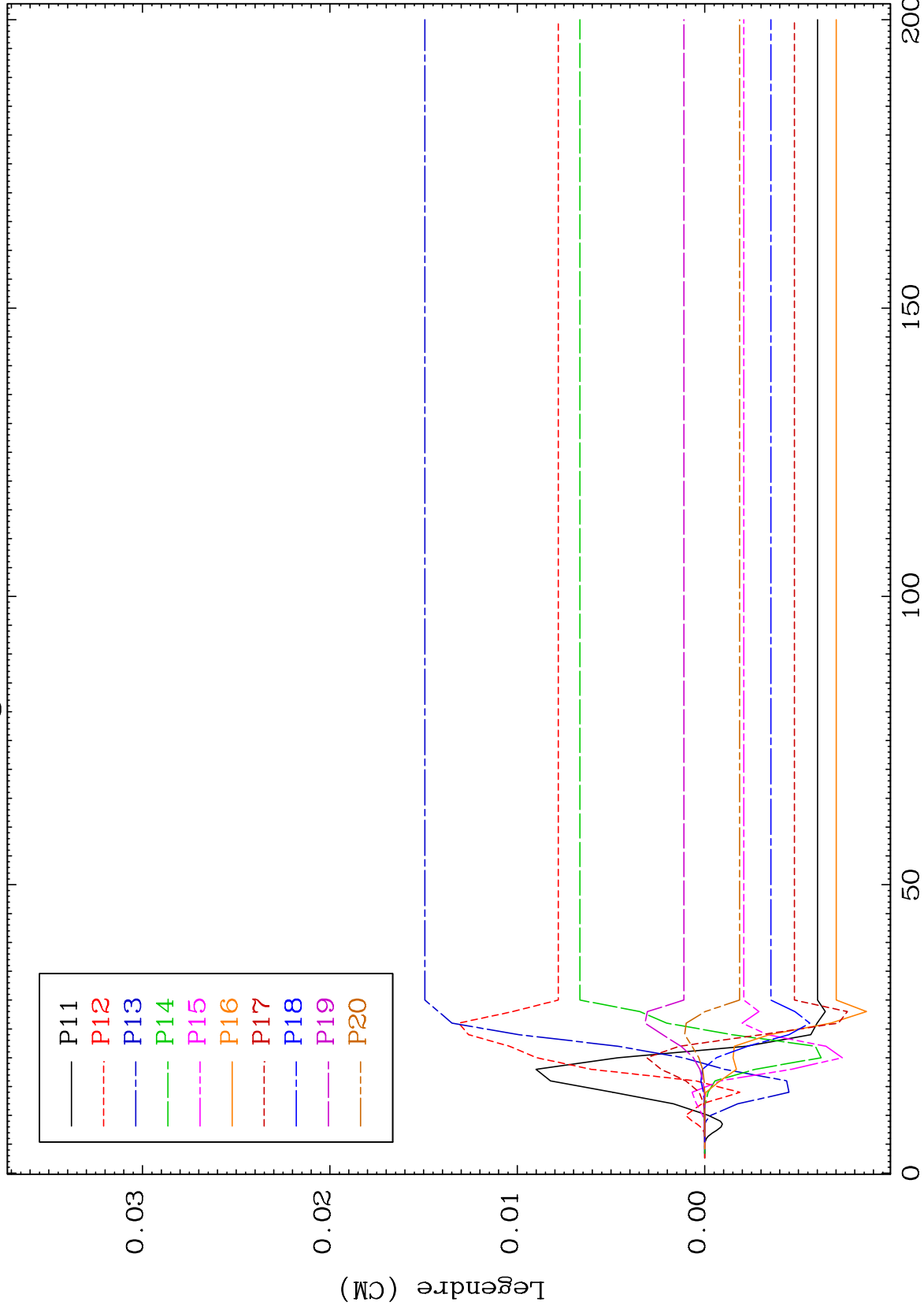
80-Hg-198



MAT 8031

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

80-Hg-198



69

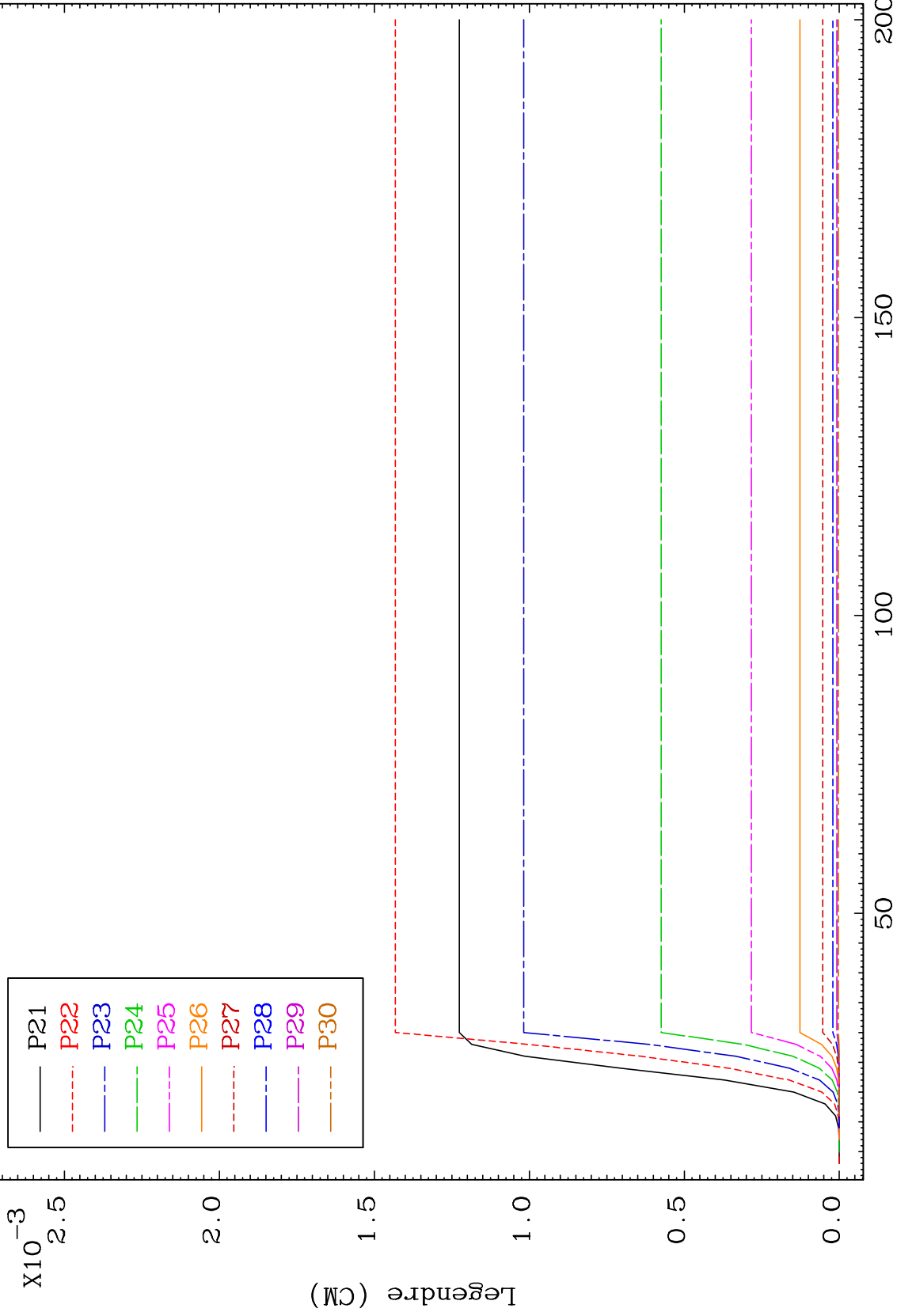
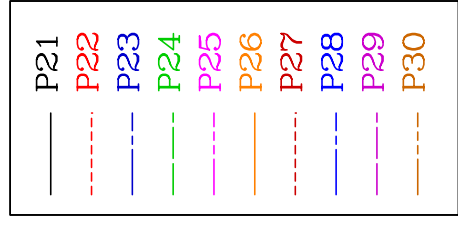
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



70

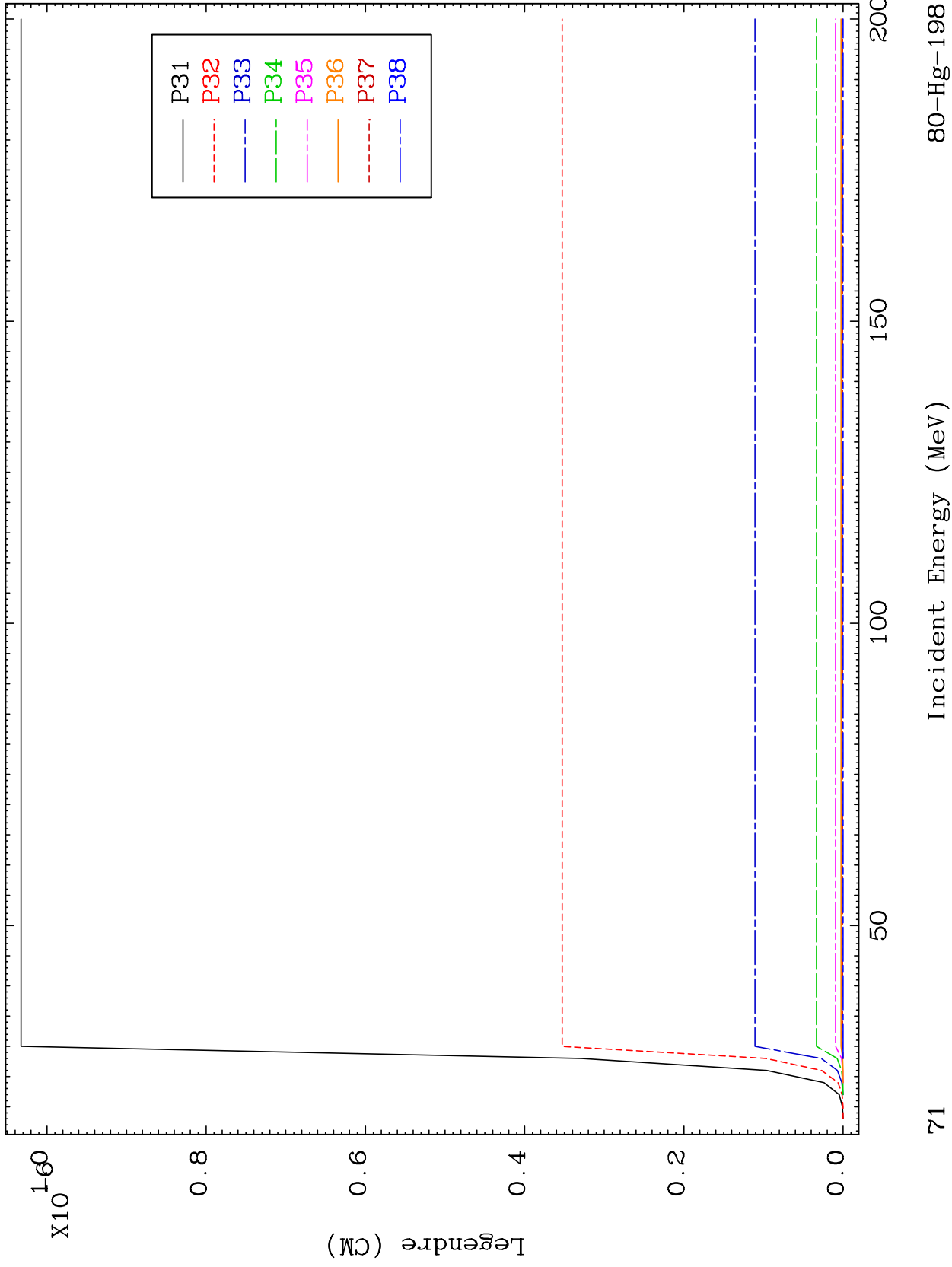
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

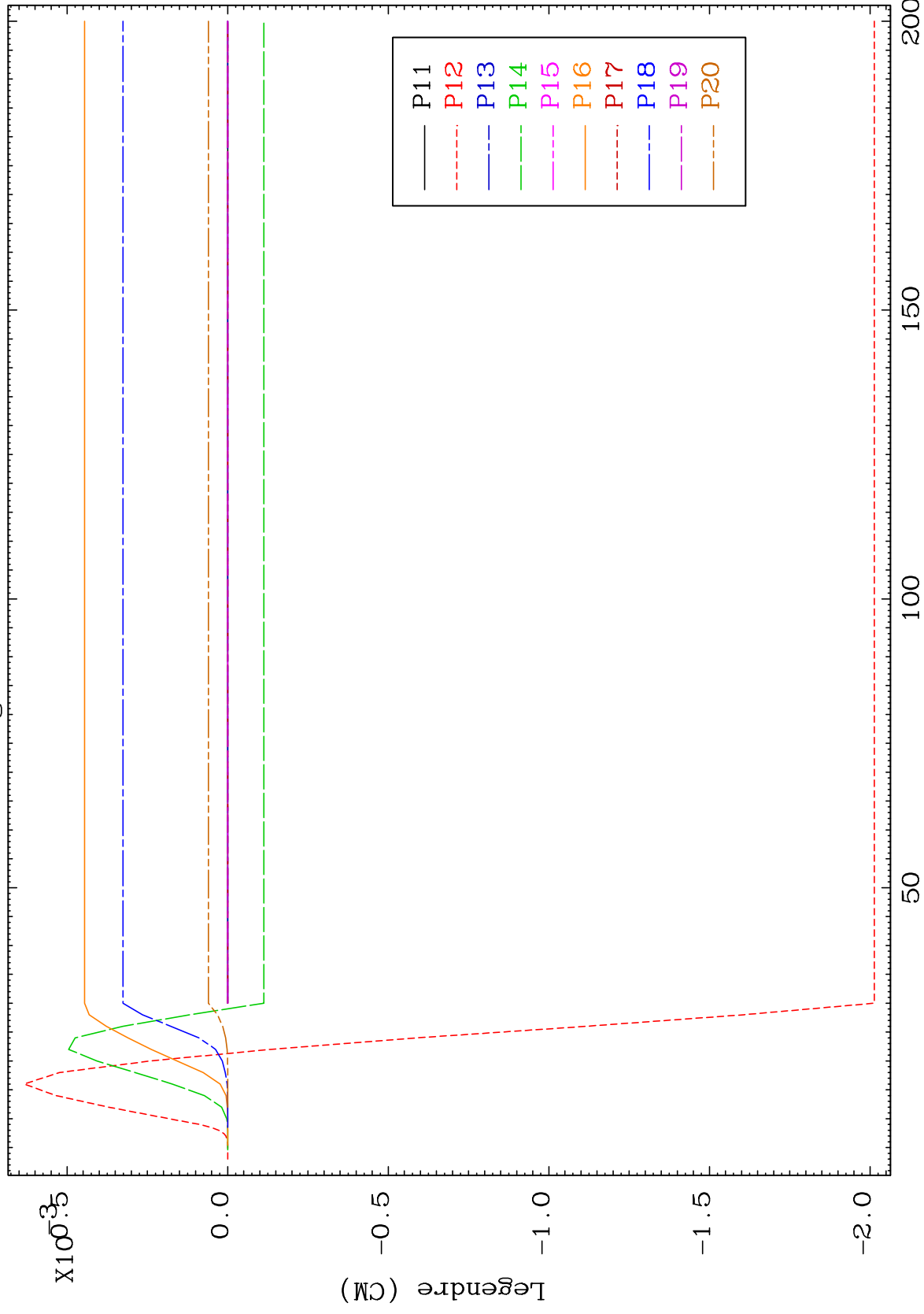
80-Hg-198



MAT 8031

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

80-Hg-198



73

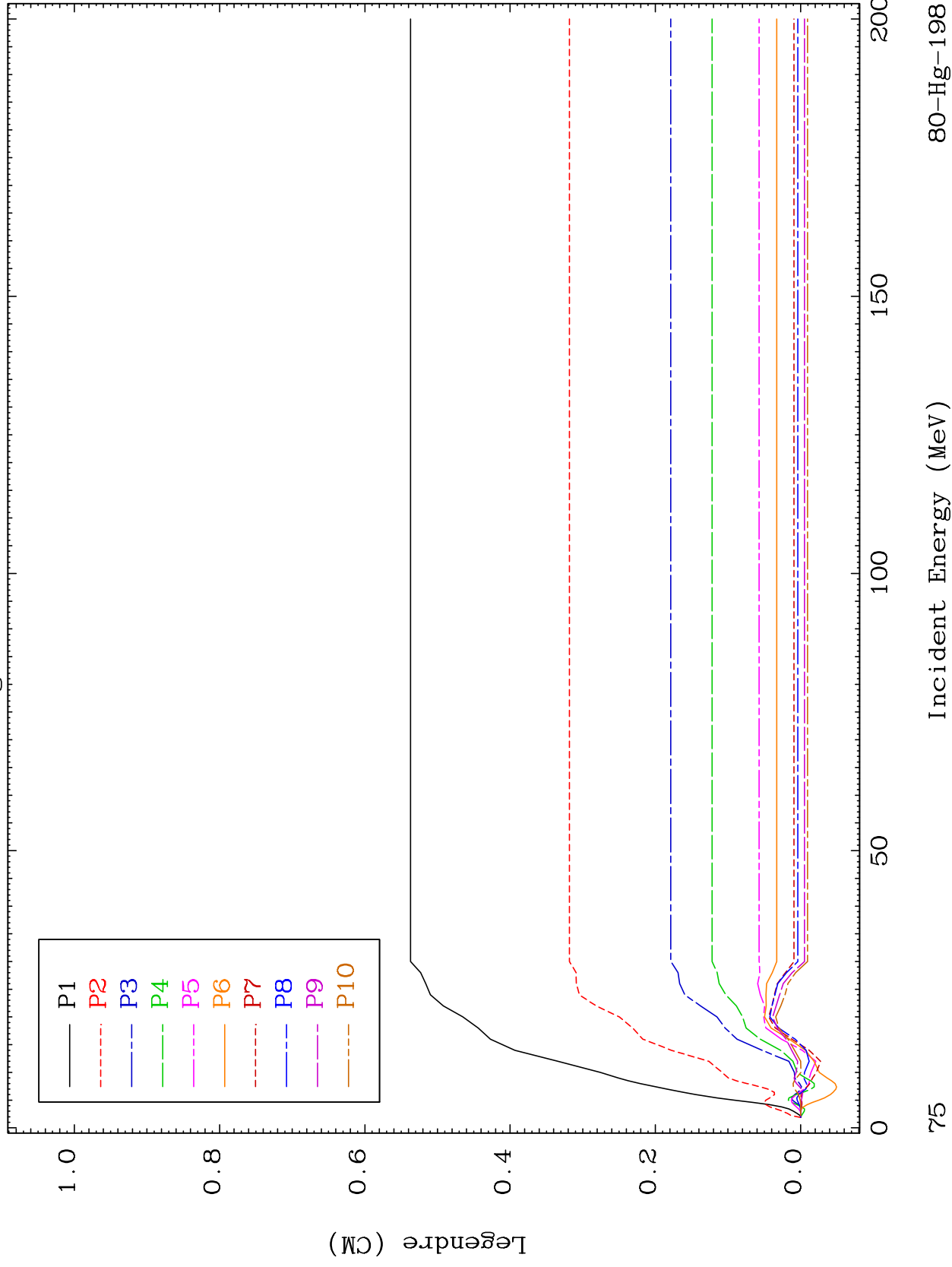
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



75

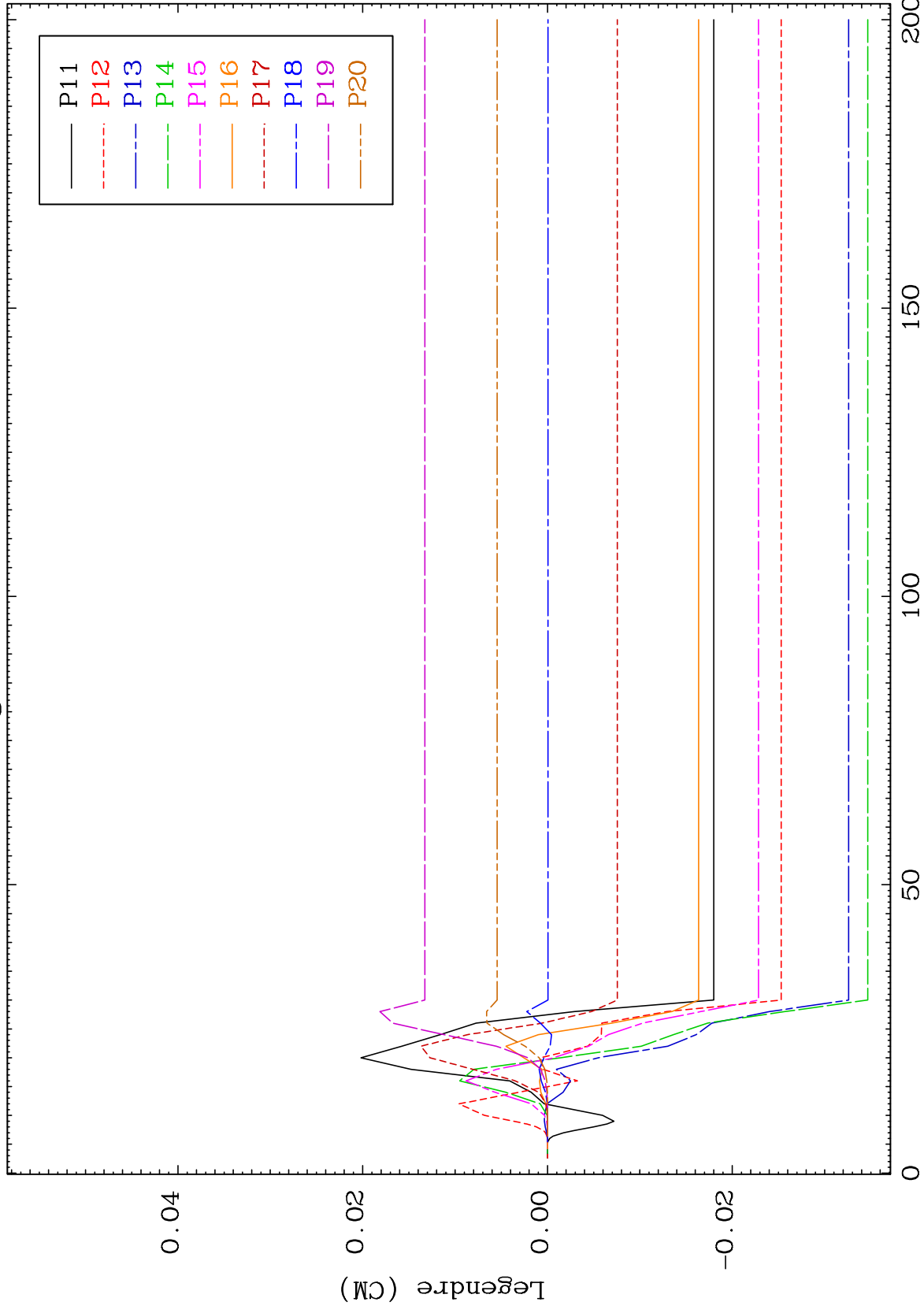
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



76

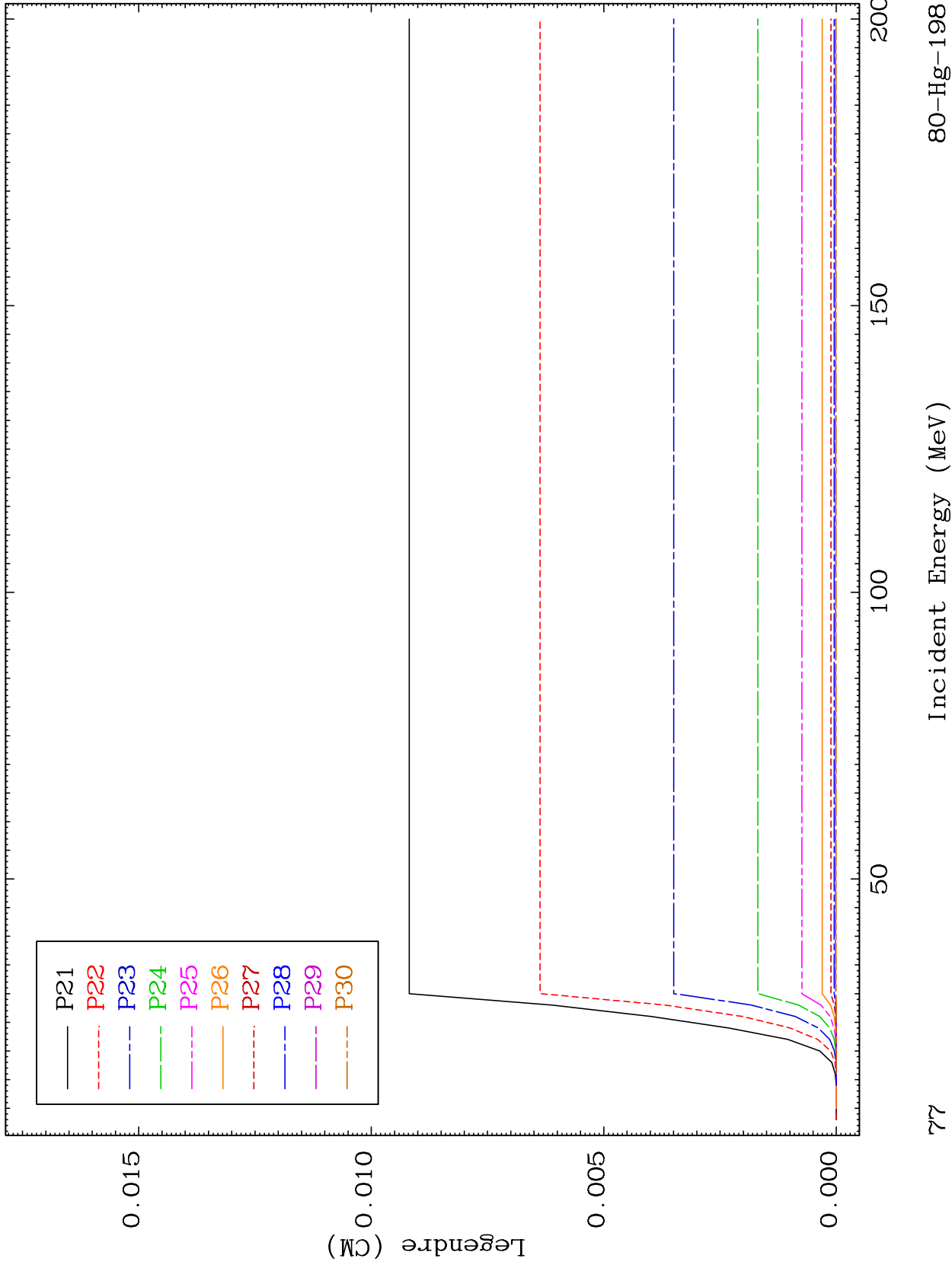
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



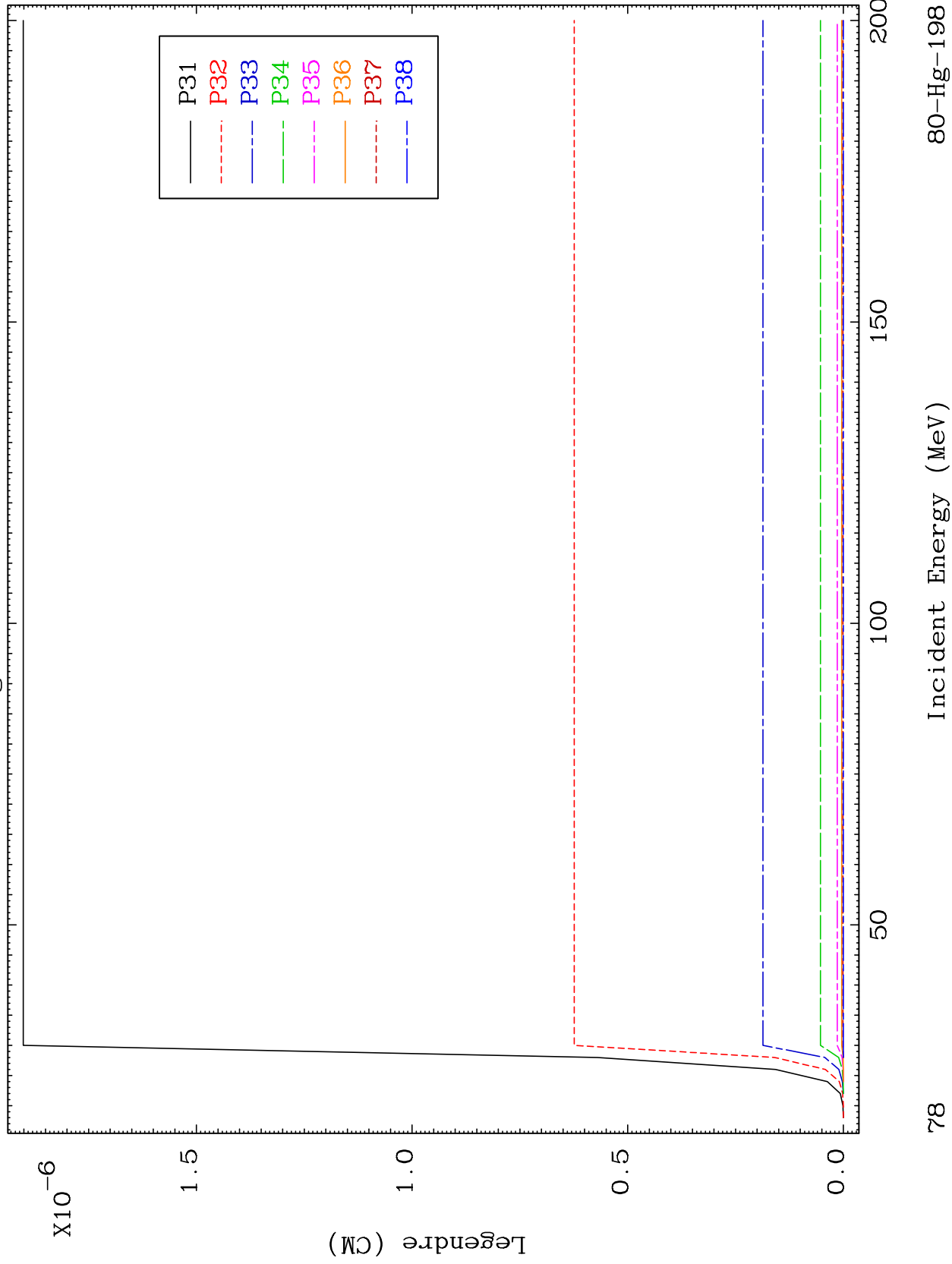
77

80-Hg-198

MAT 8031

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

80-Hg-198



78

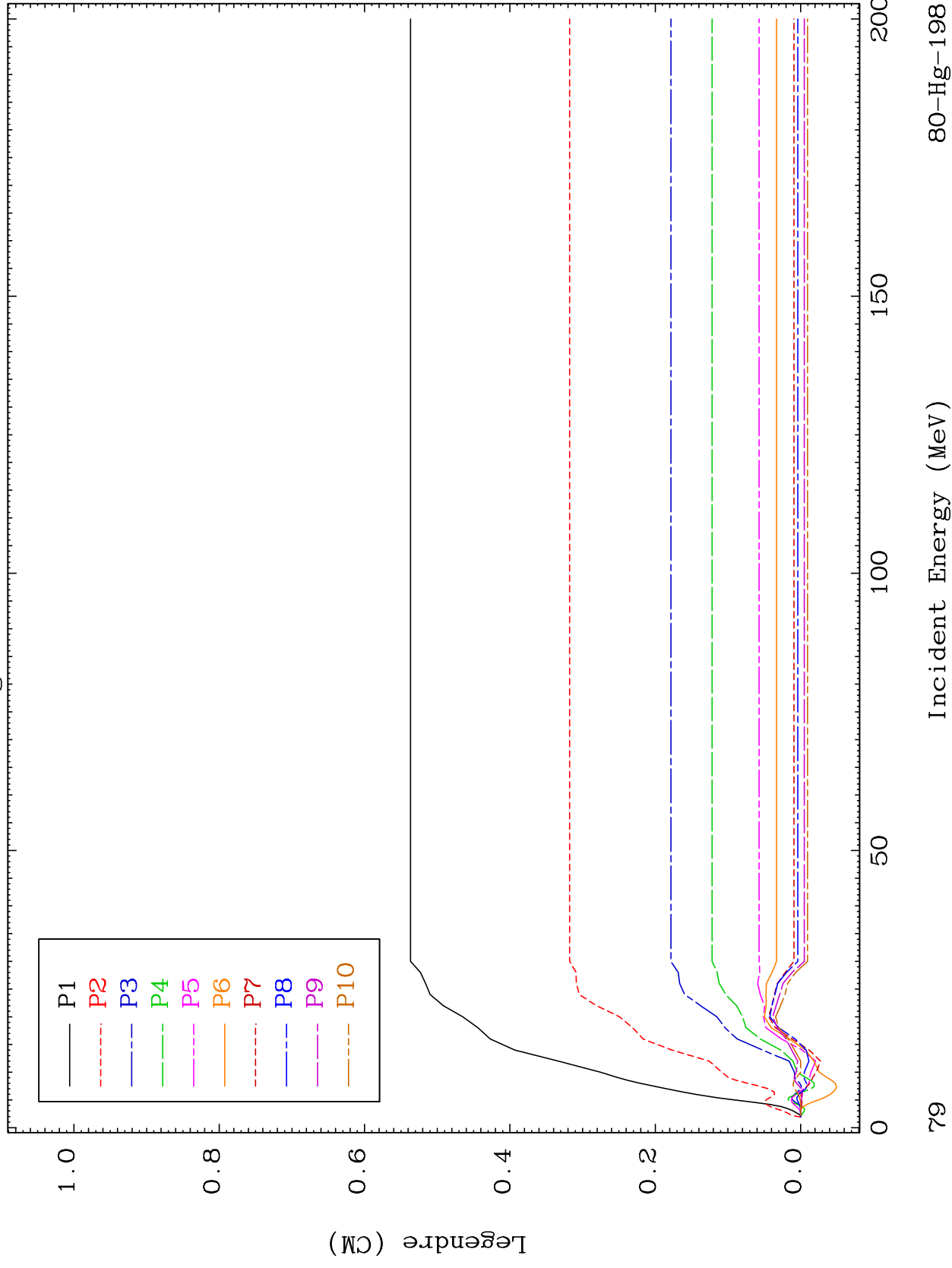
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



79

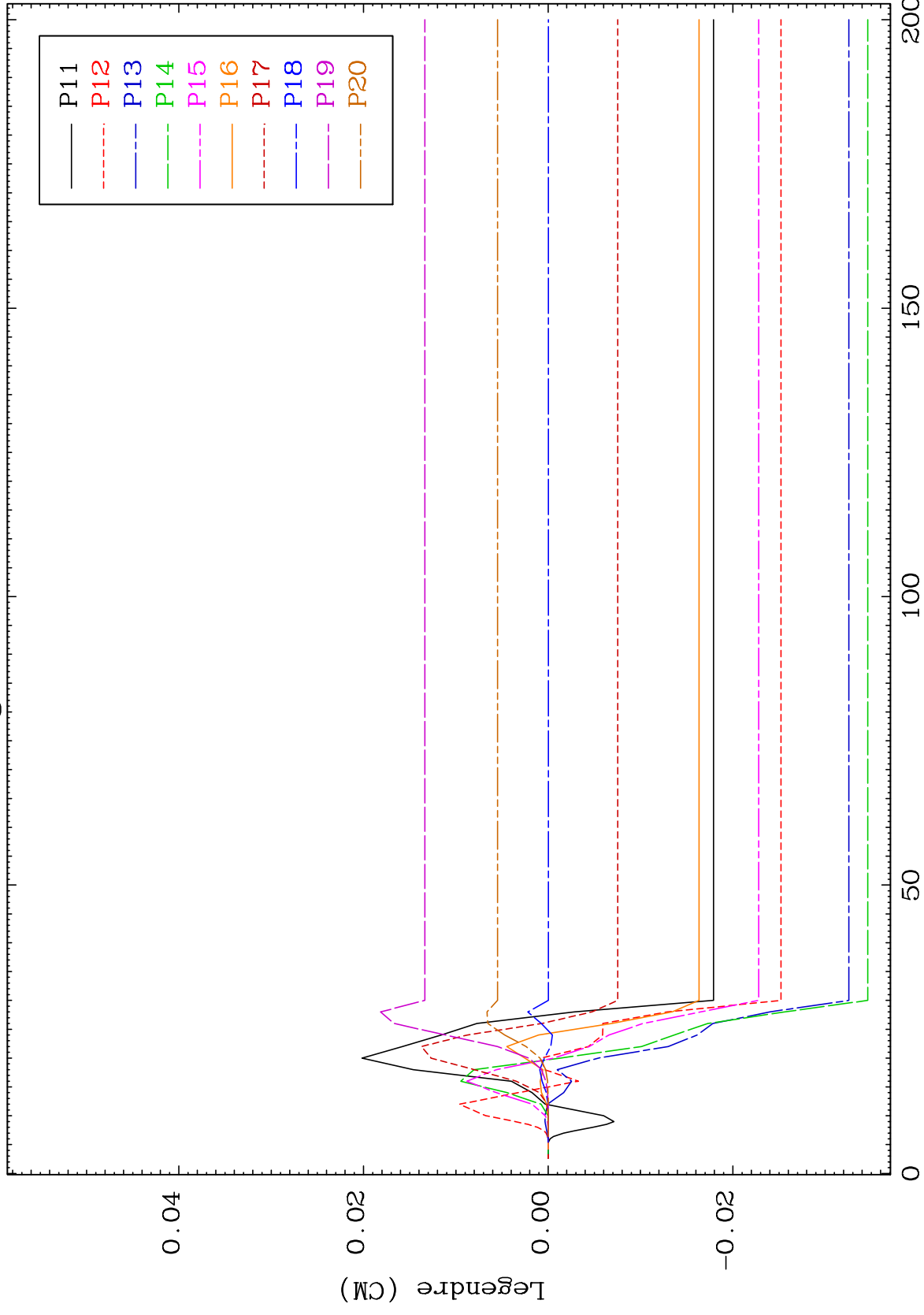
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



80

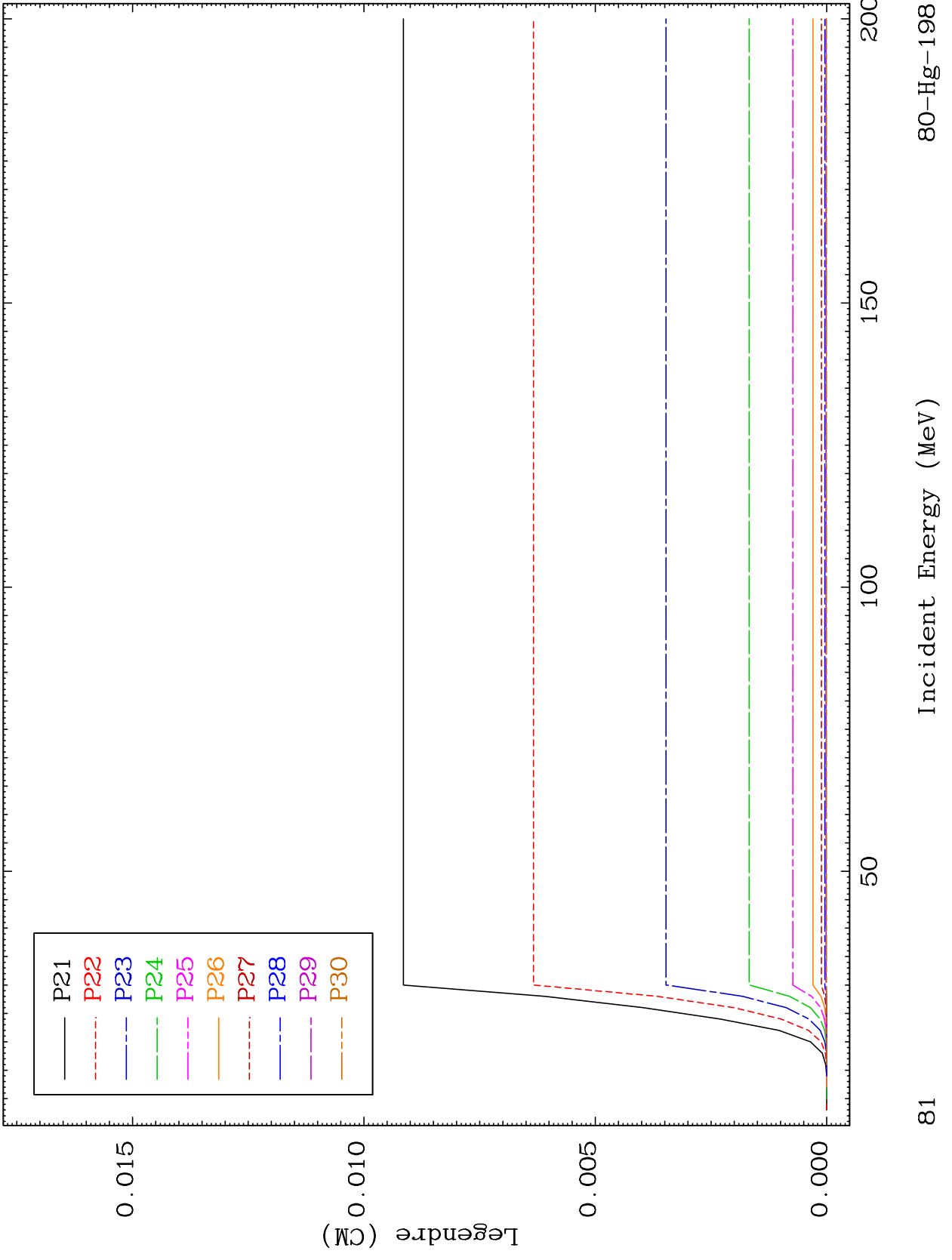
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



81

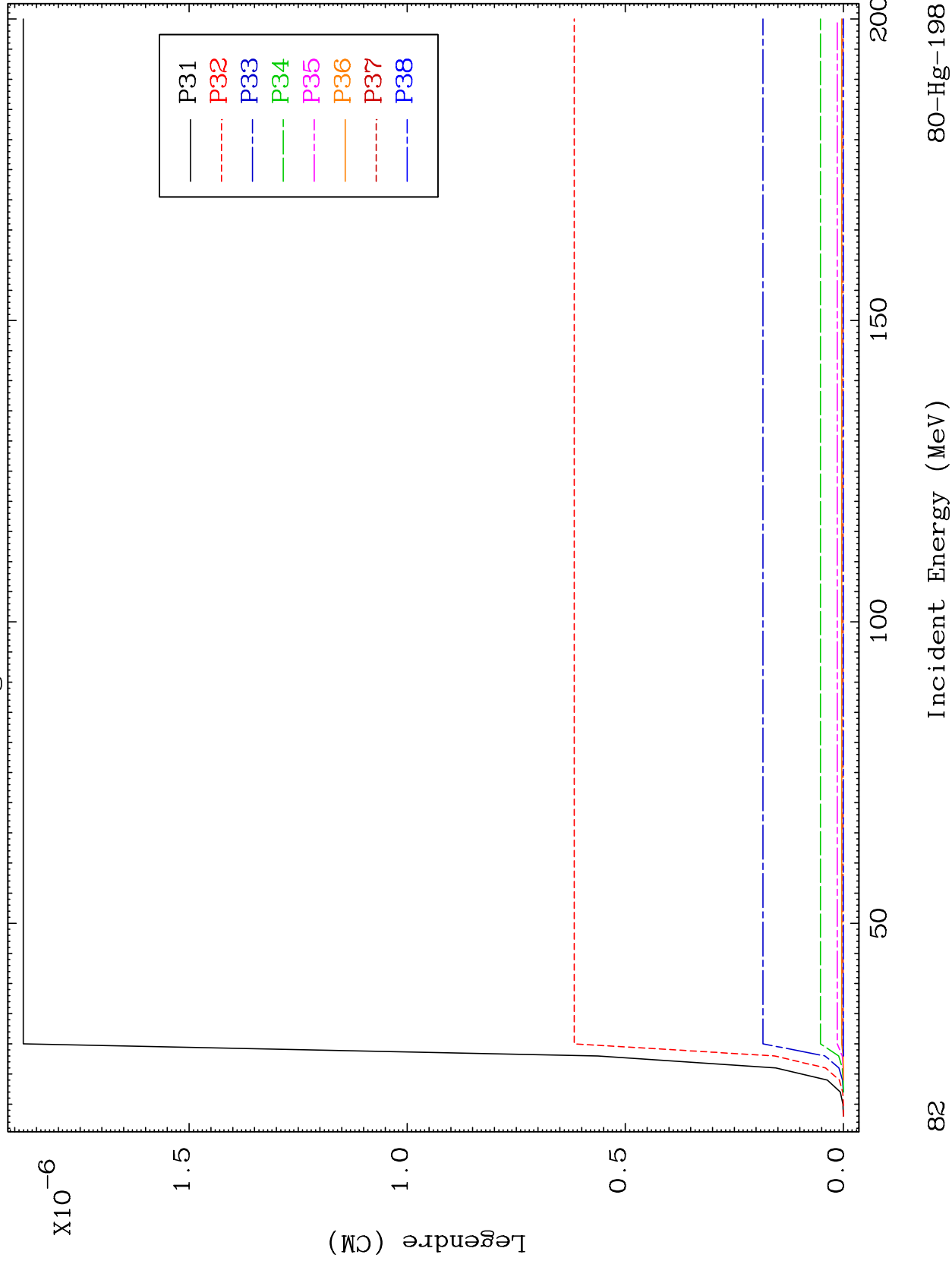
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

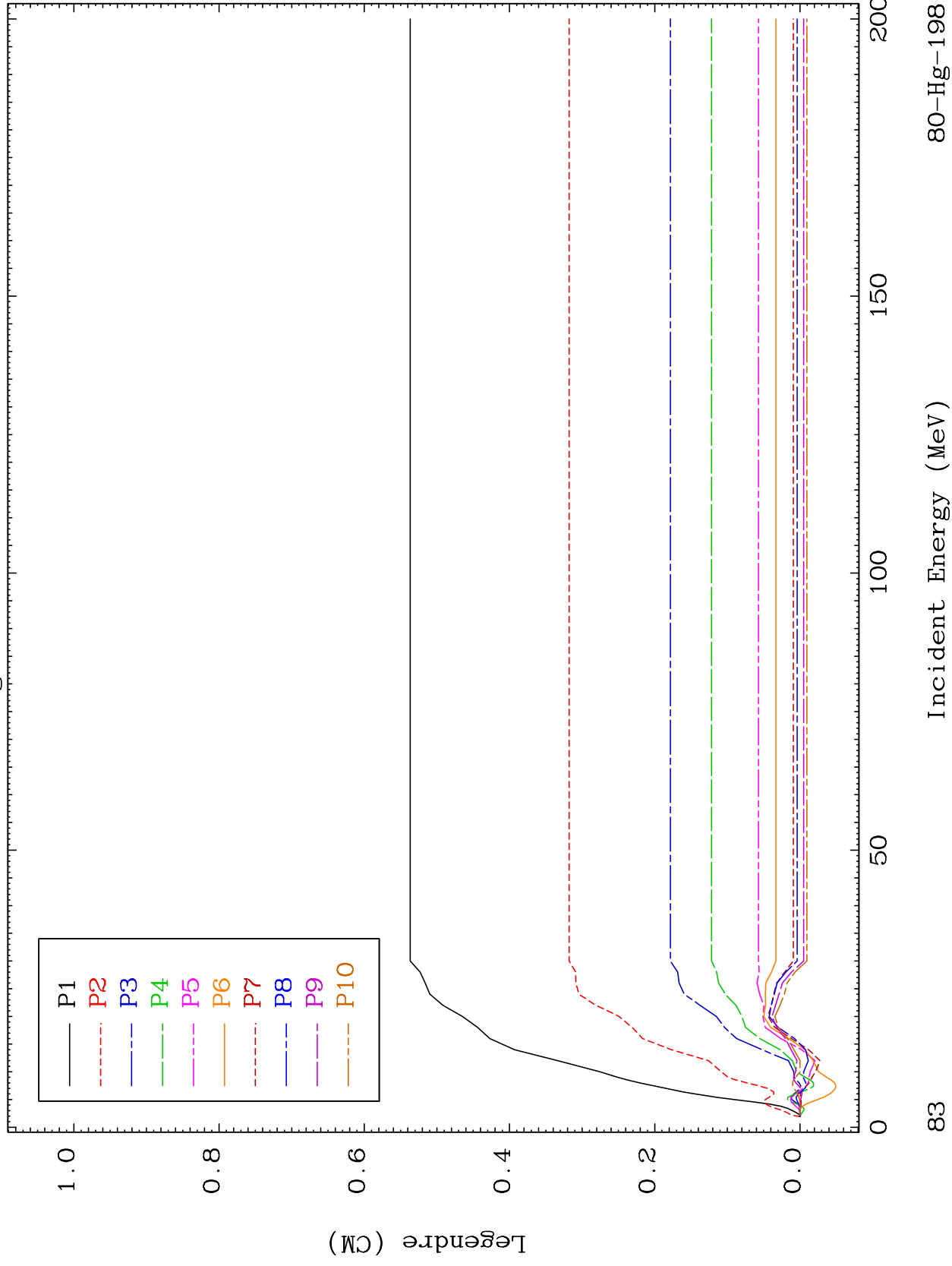
80-Hg-198



MAT 8031

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

80-Hg-198

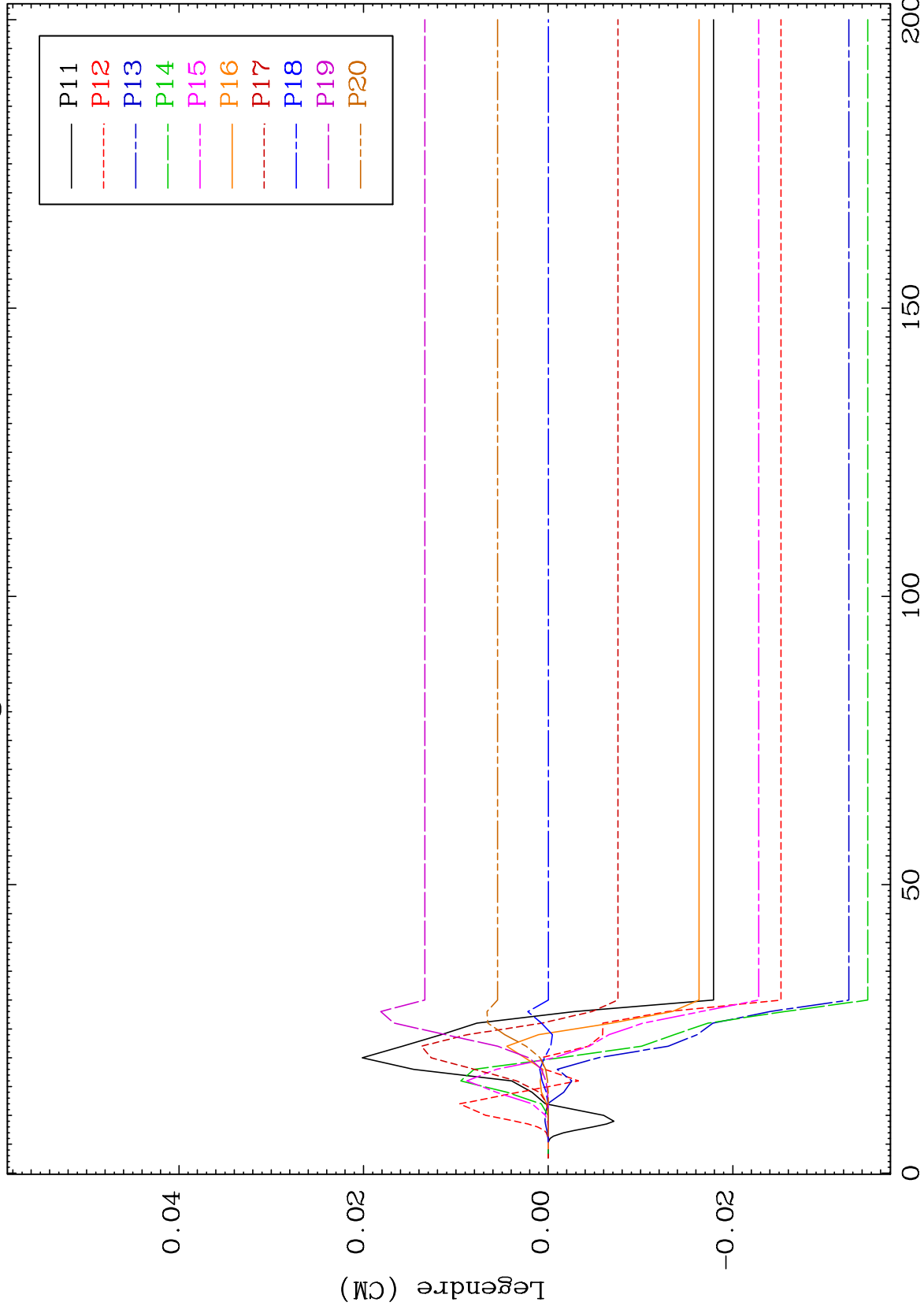


83

MAT 8031

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

80-Hg-198



84

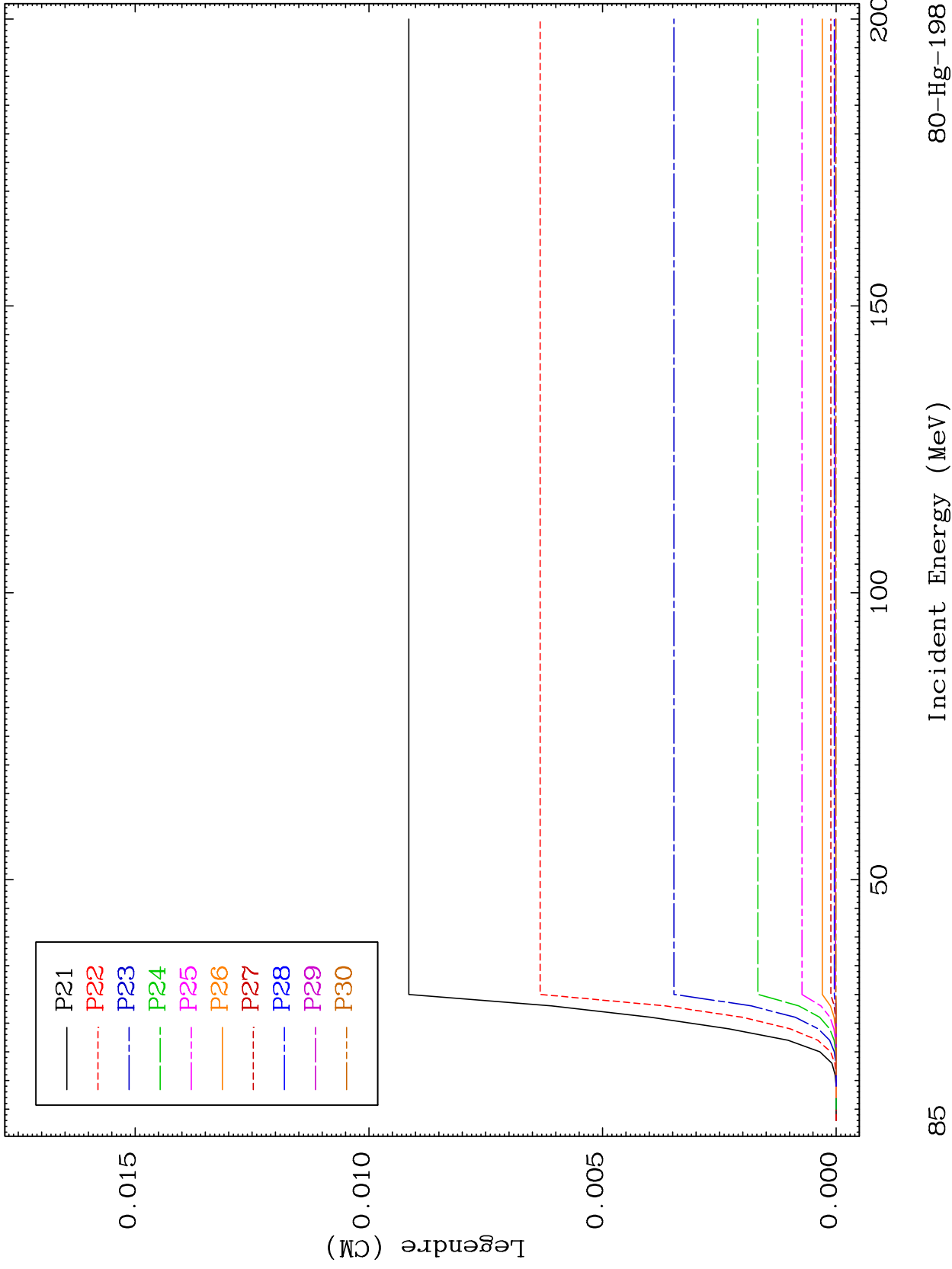
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



85

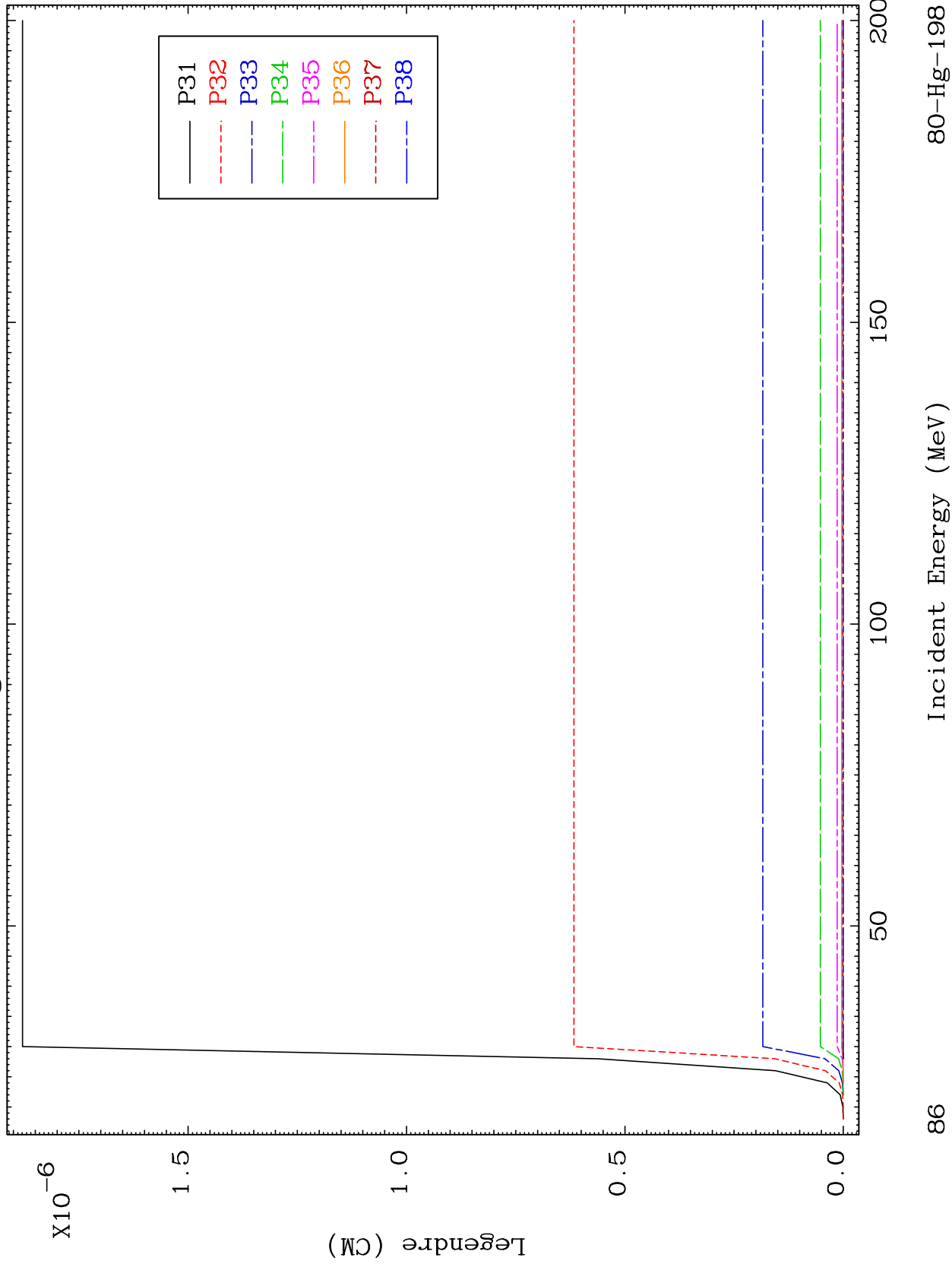
Incident Energy (MeV)

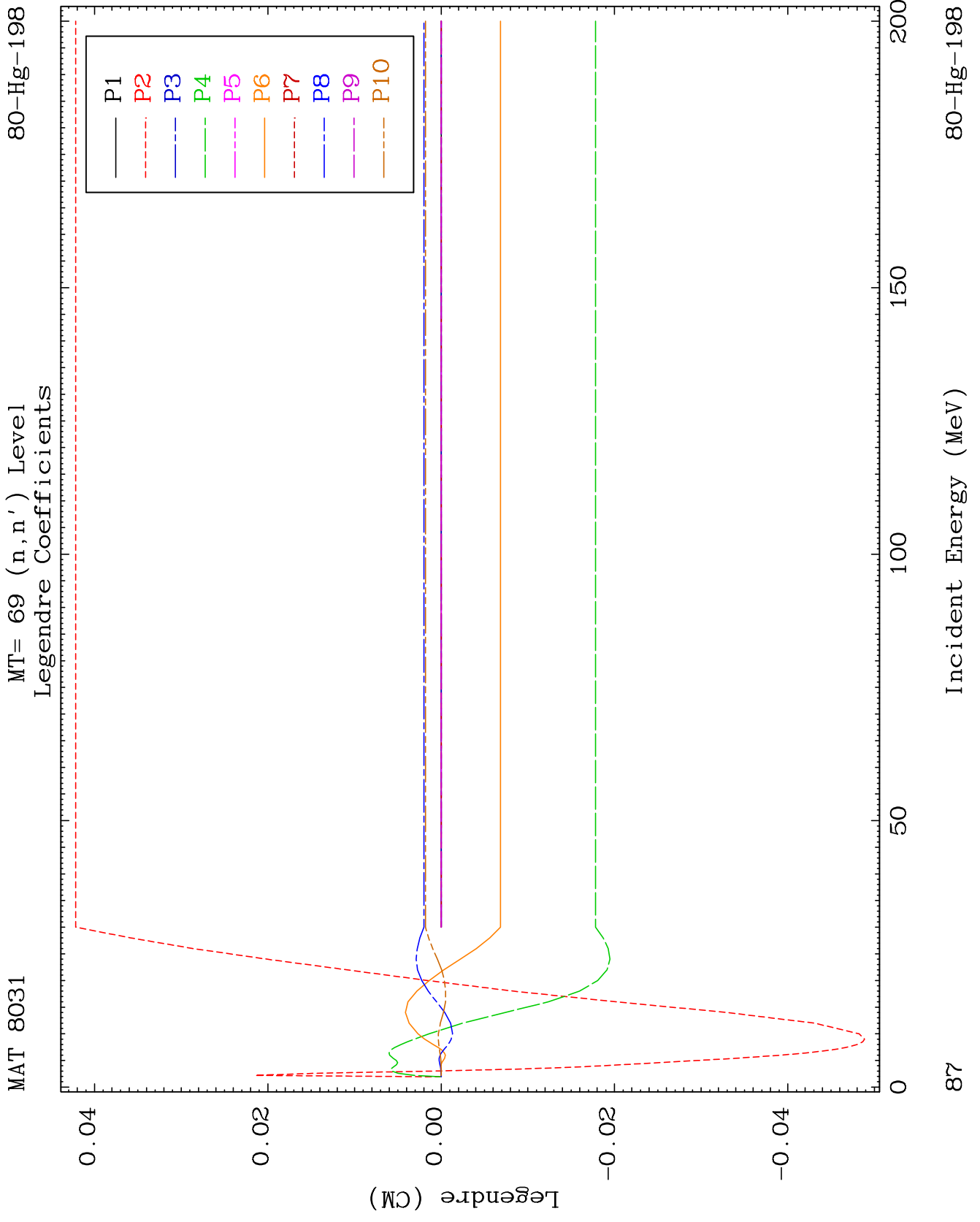
80-Hg-198

MAT 8031

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

80-Hg-198

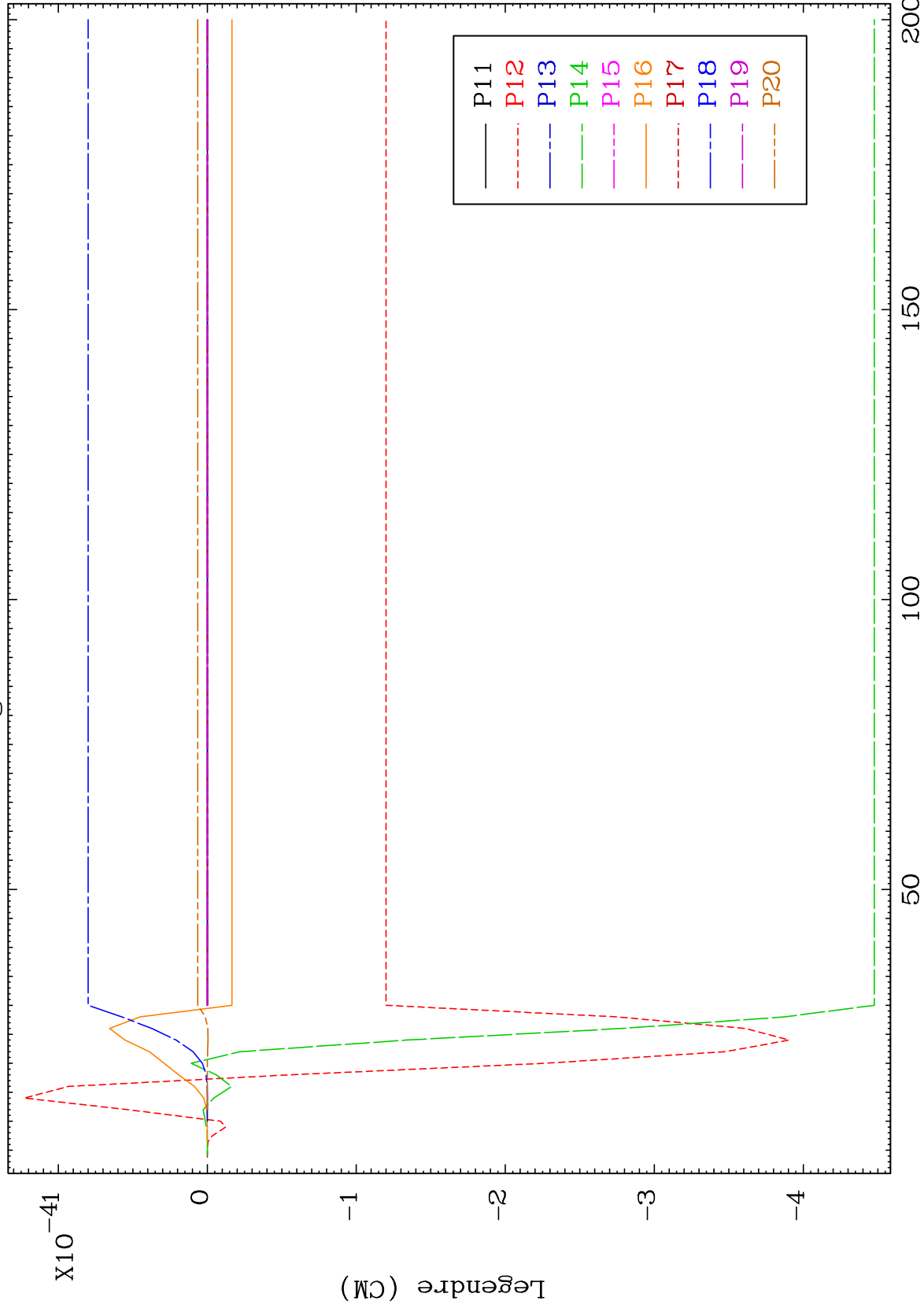




MAT 8031

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

80-Hg-198



88

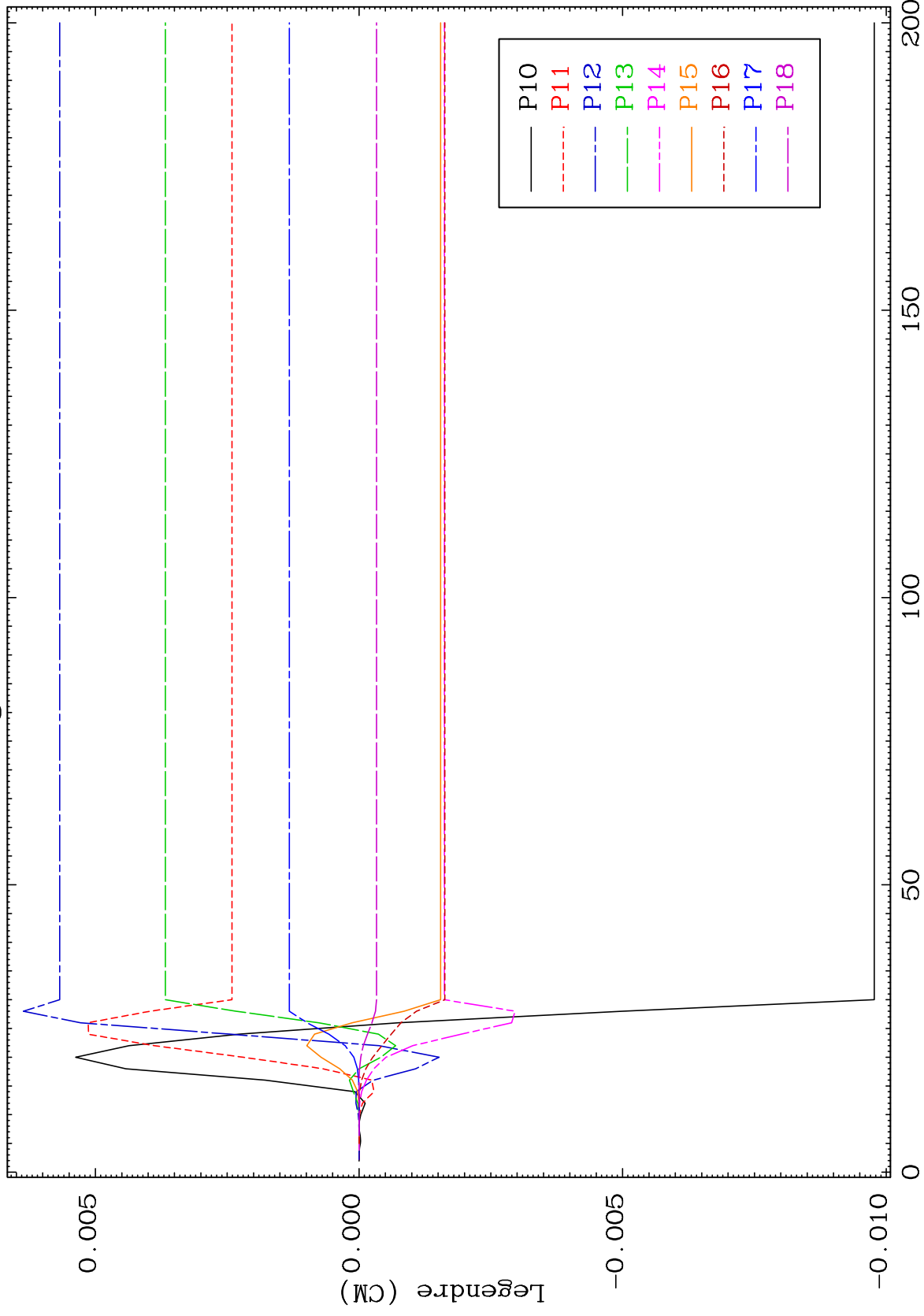
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



91

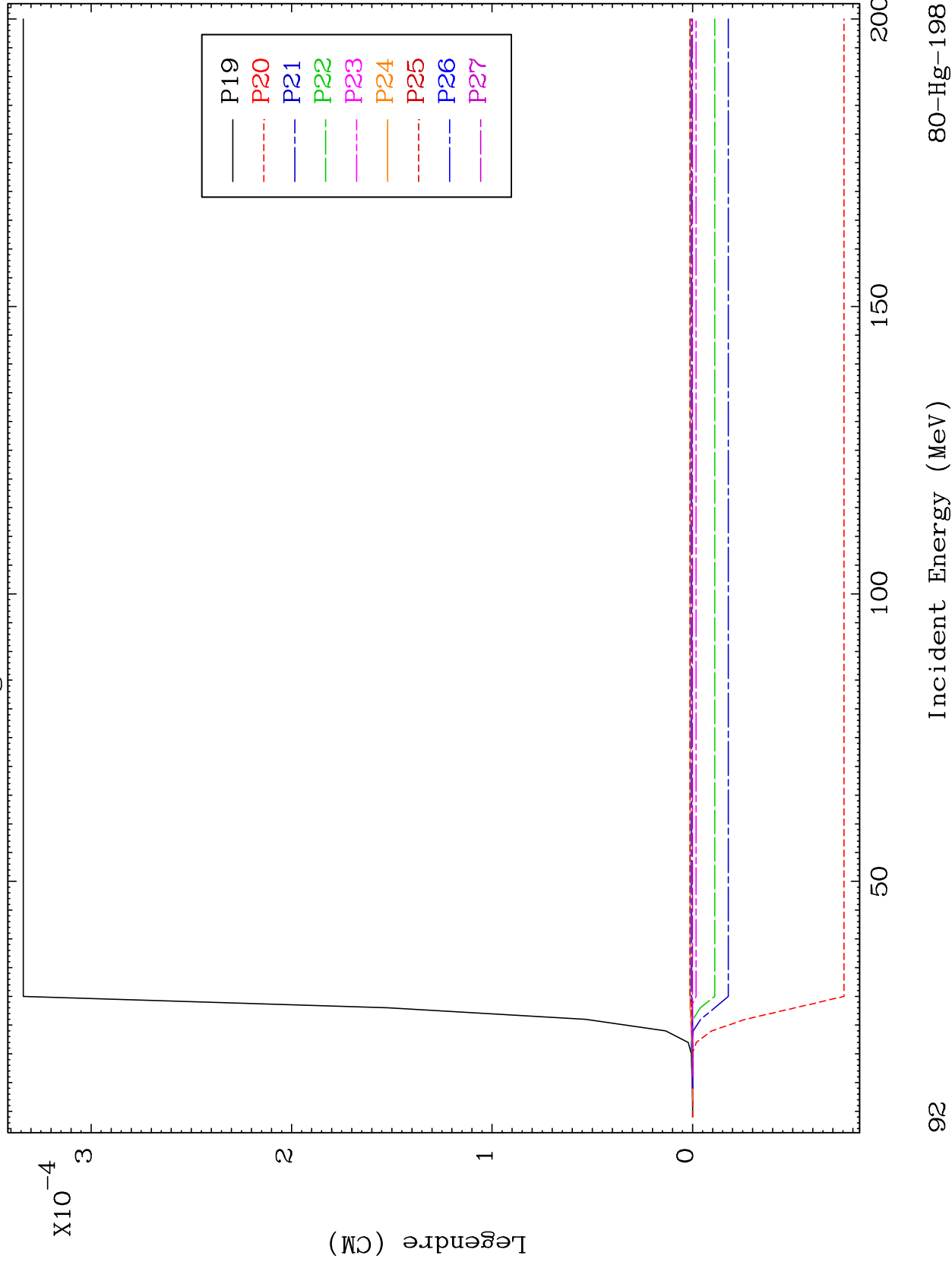
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

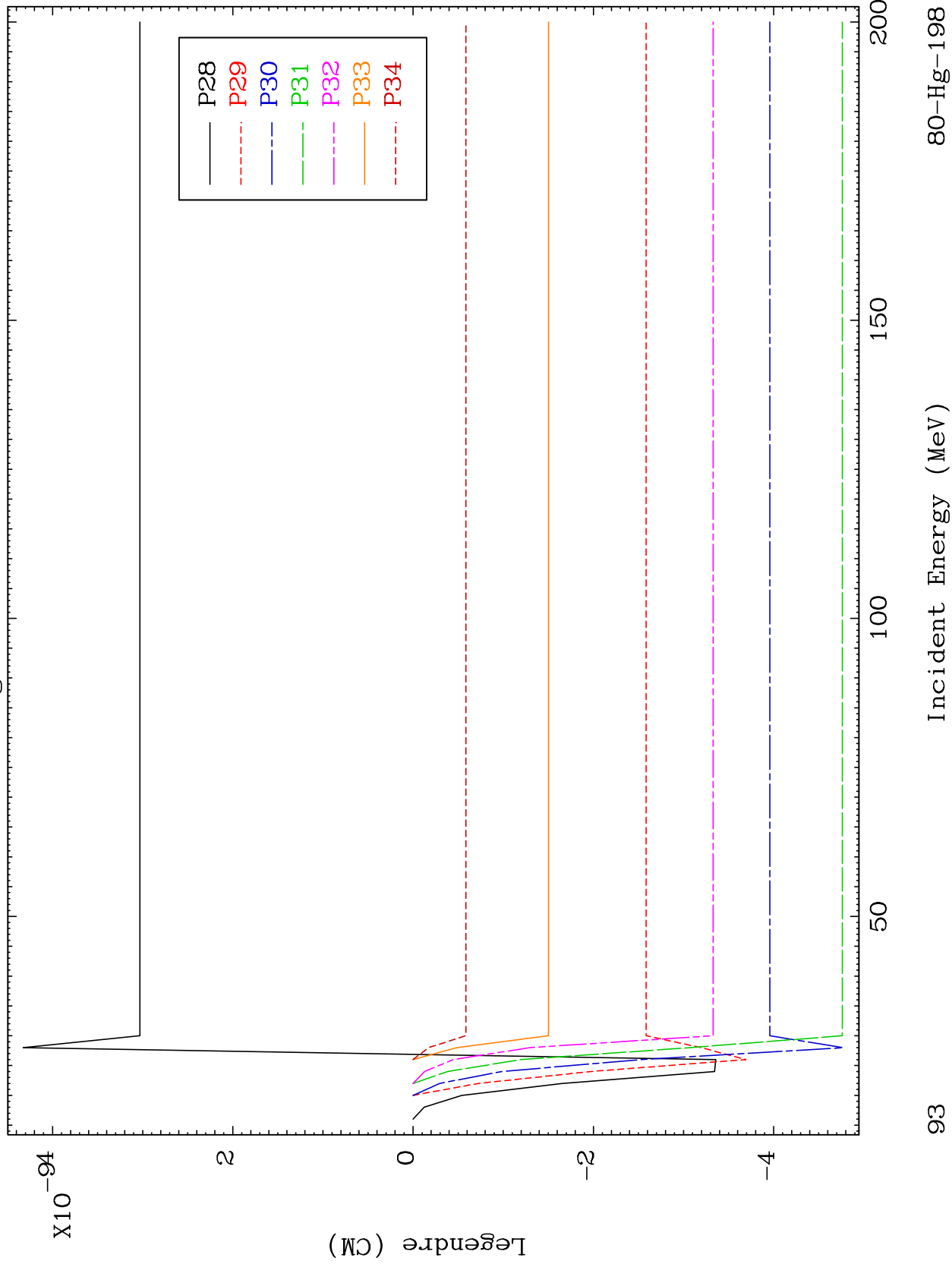
80-Hg-198



MAT 8031

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

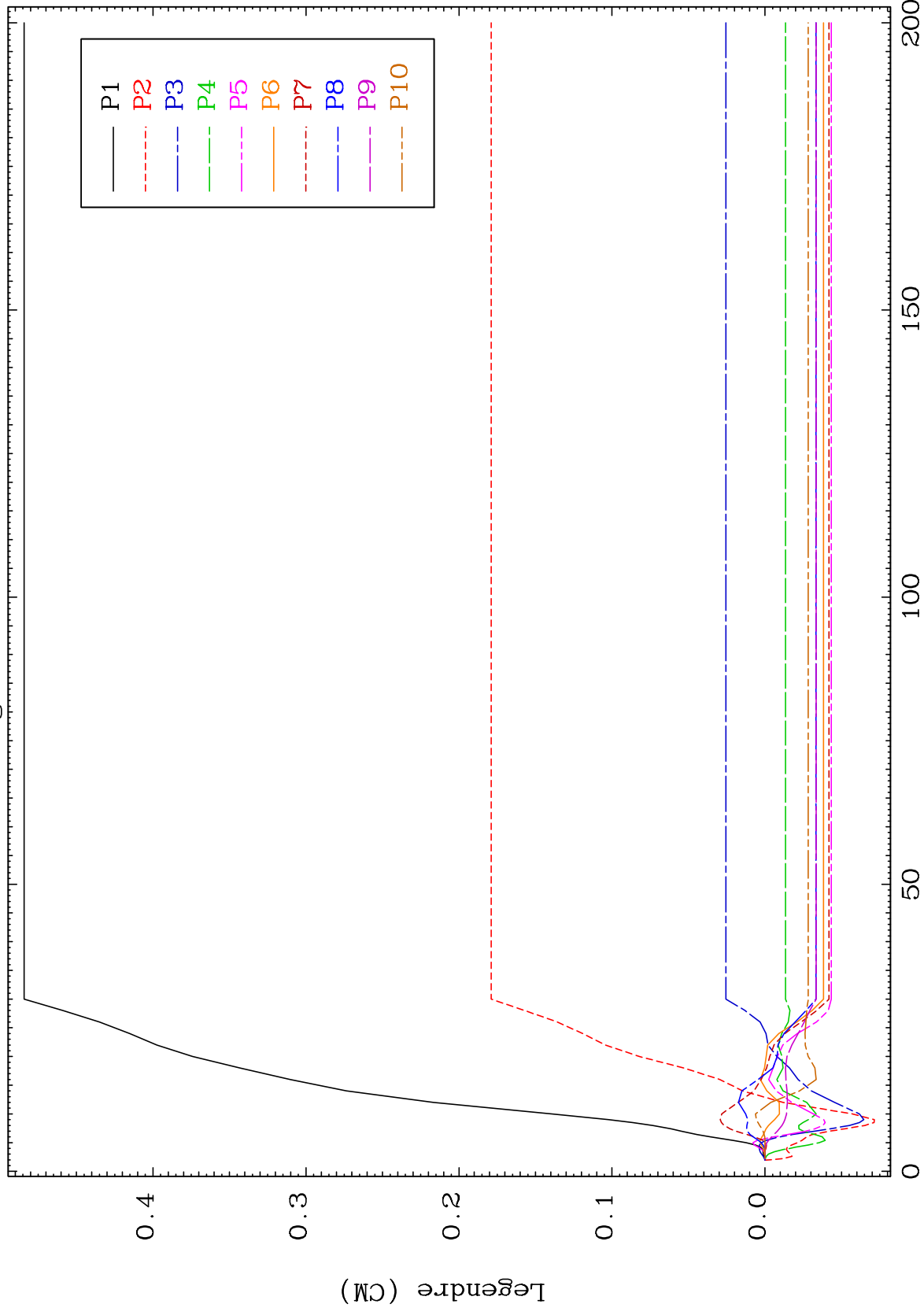
80-Hg-198



MAT 8031

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

80-Hg-198



94

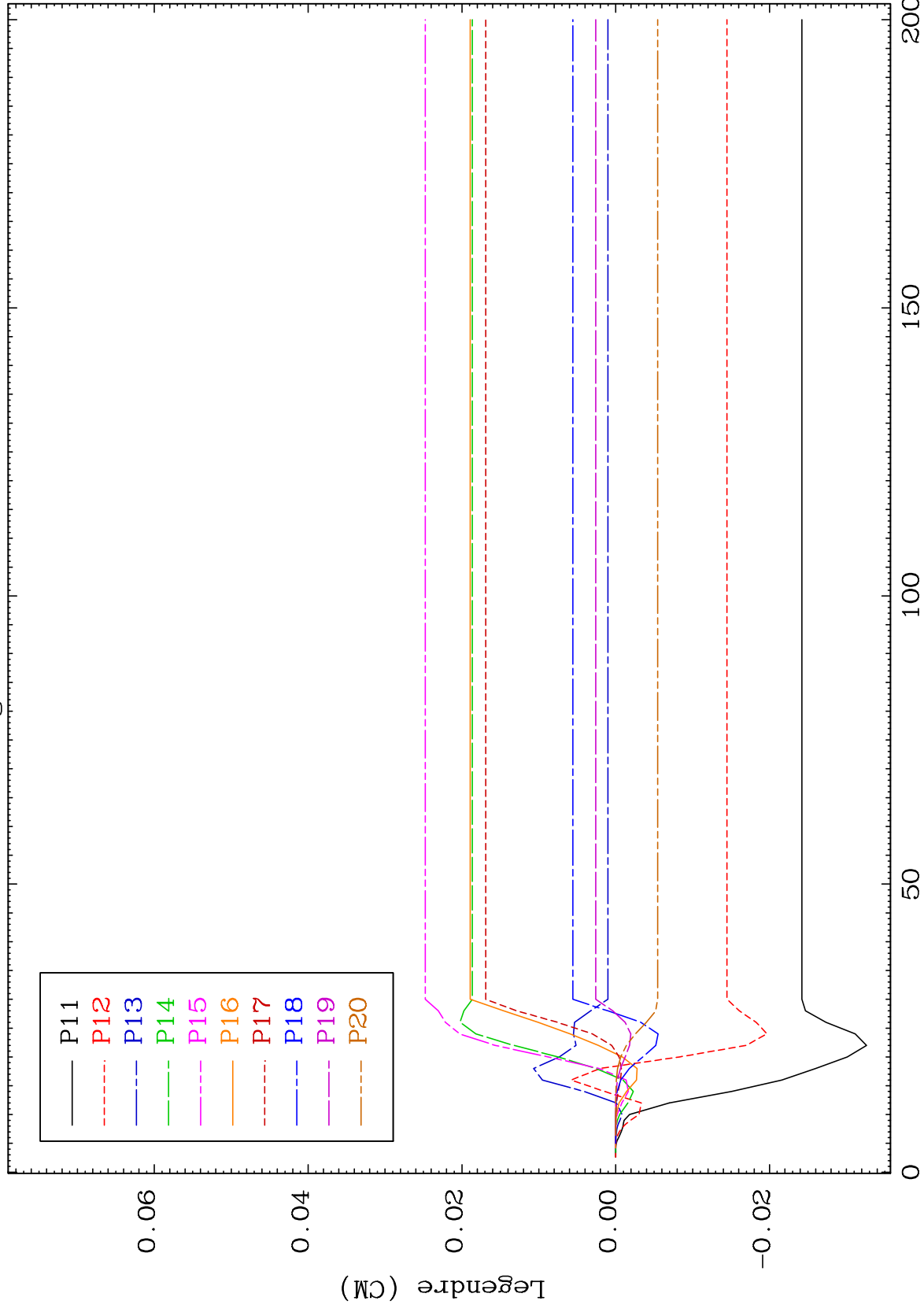
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

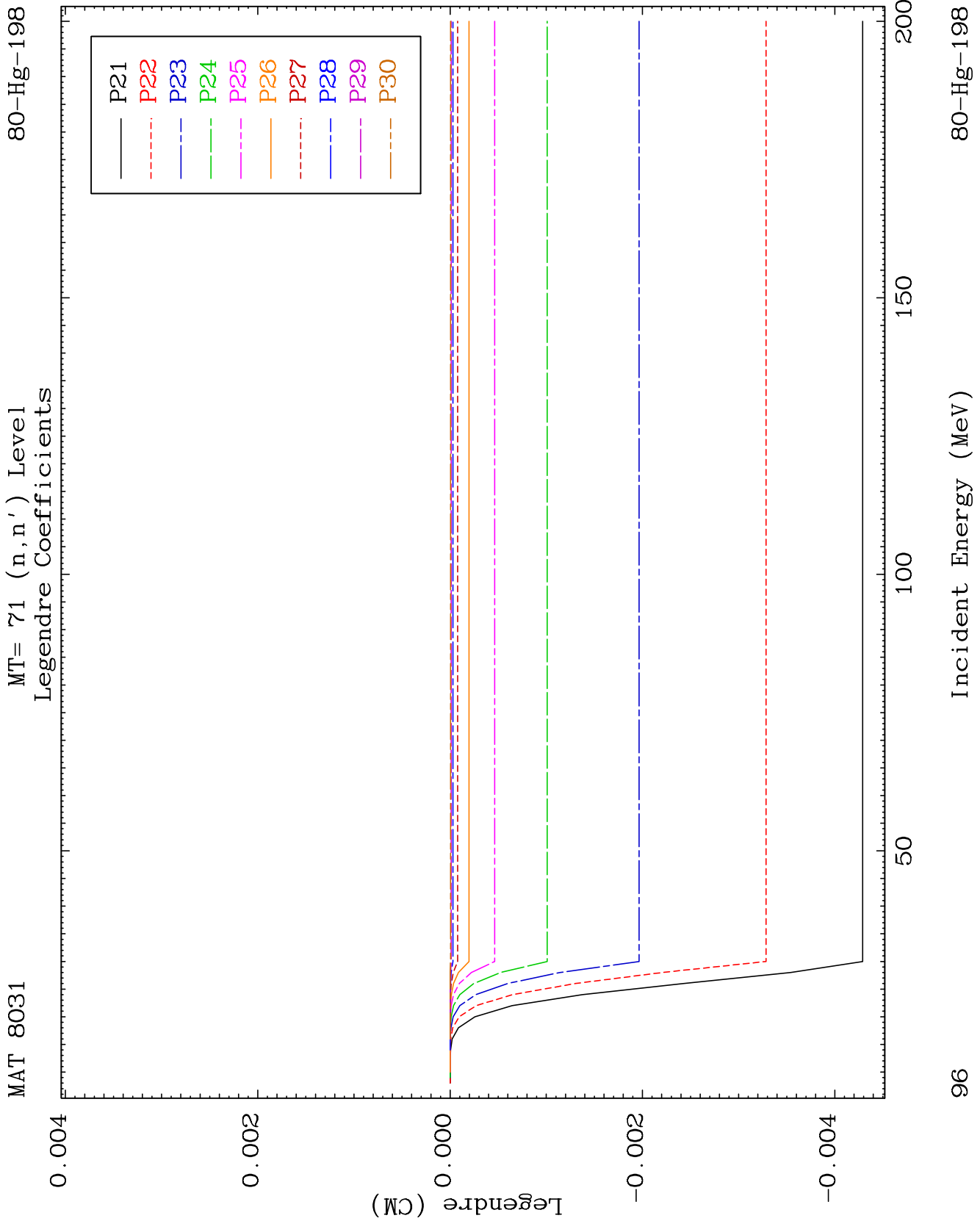
80-Hg-198

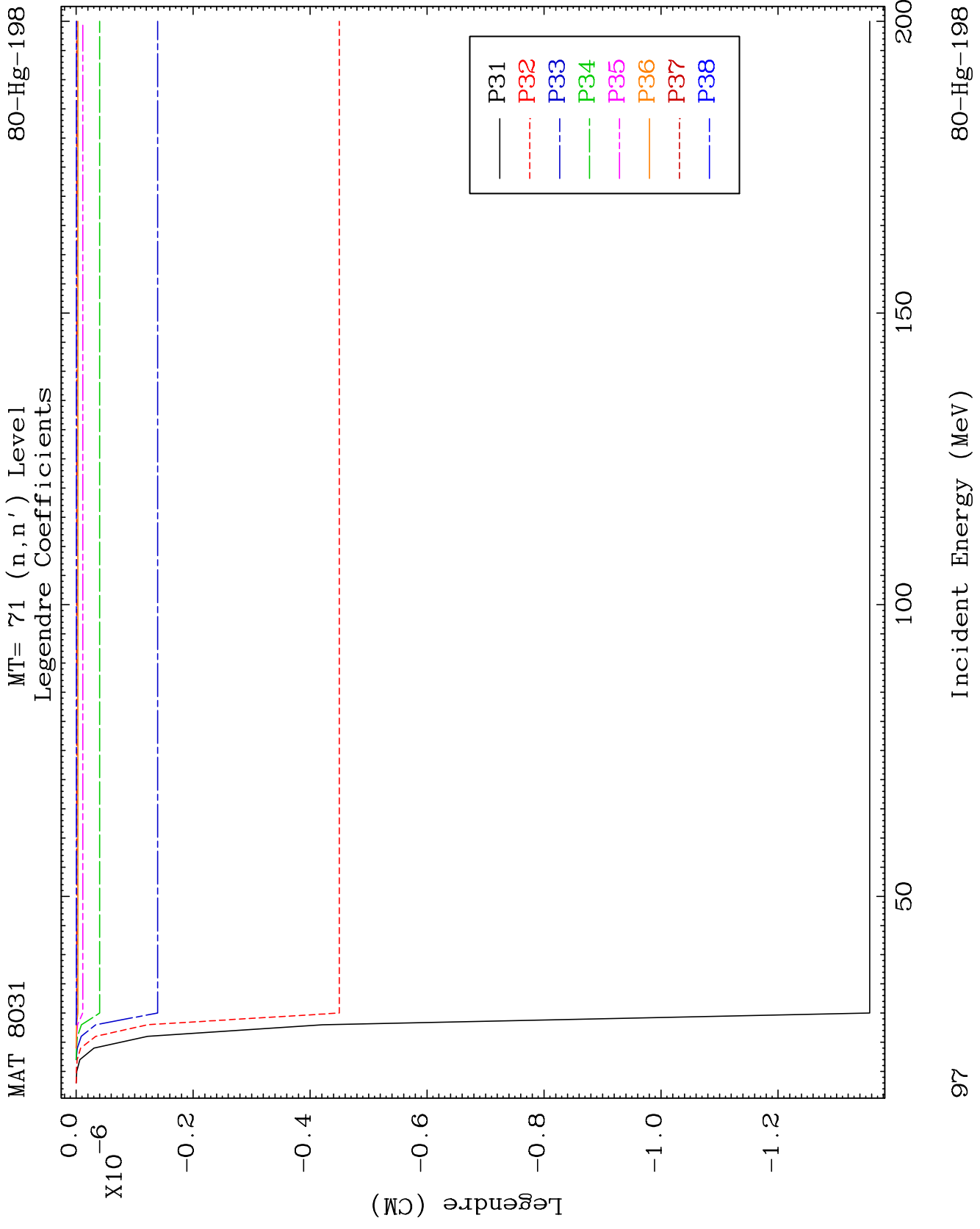


95

Incident Energy (MeV)

80-Hg-198

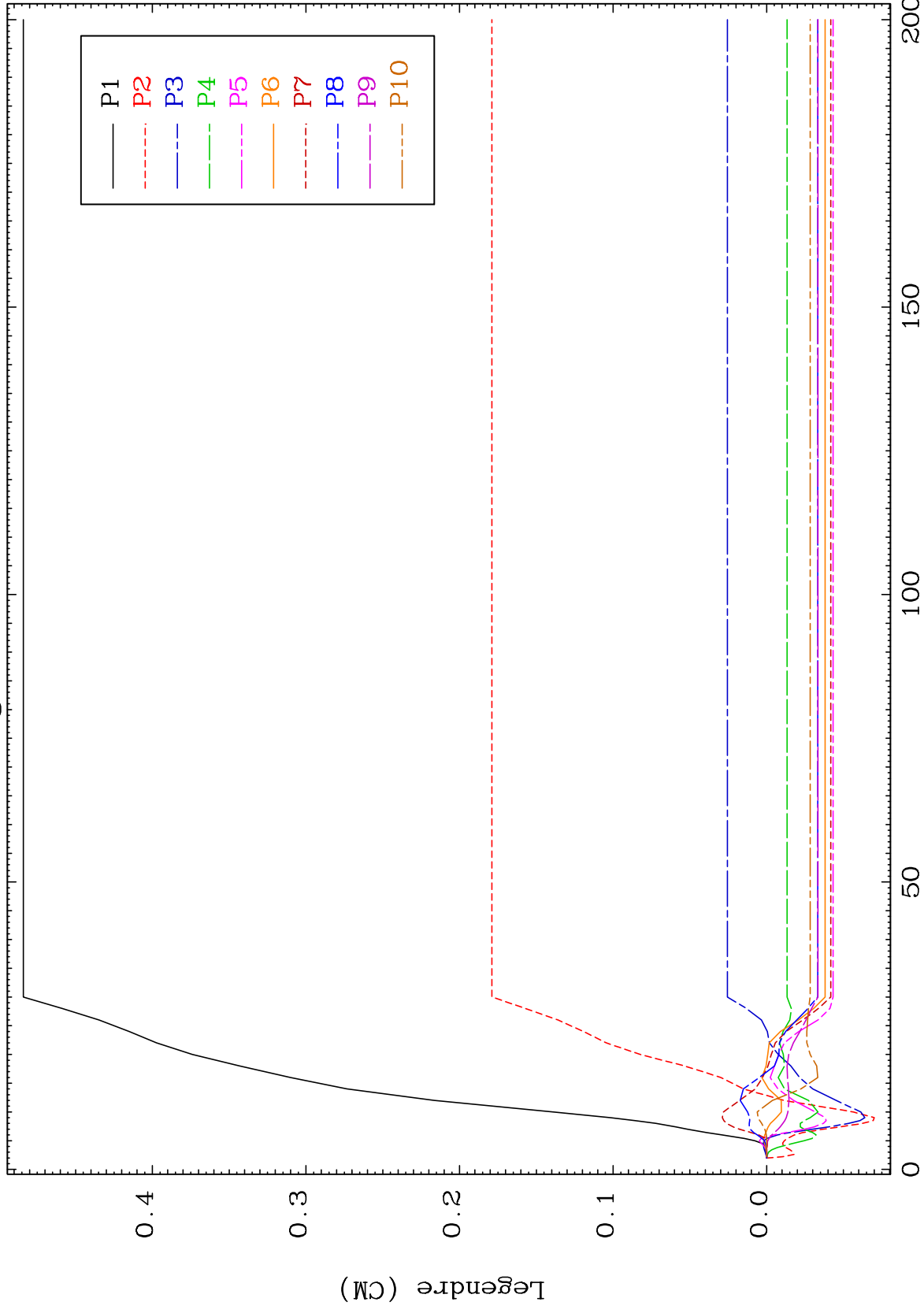




MAT 8031

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

80-Hg-198



98

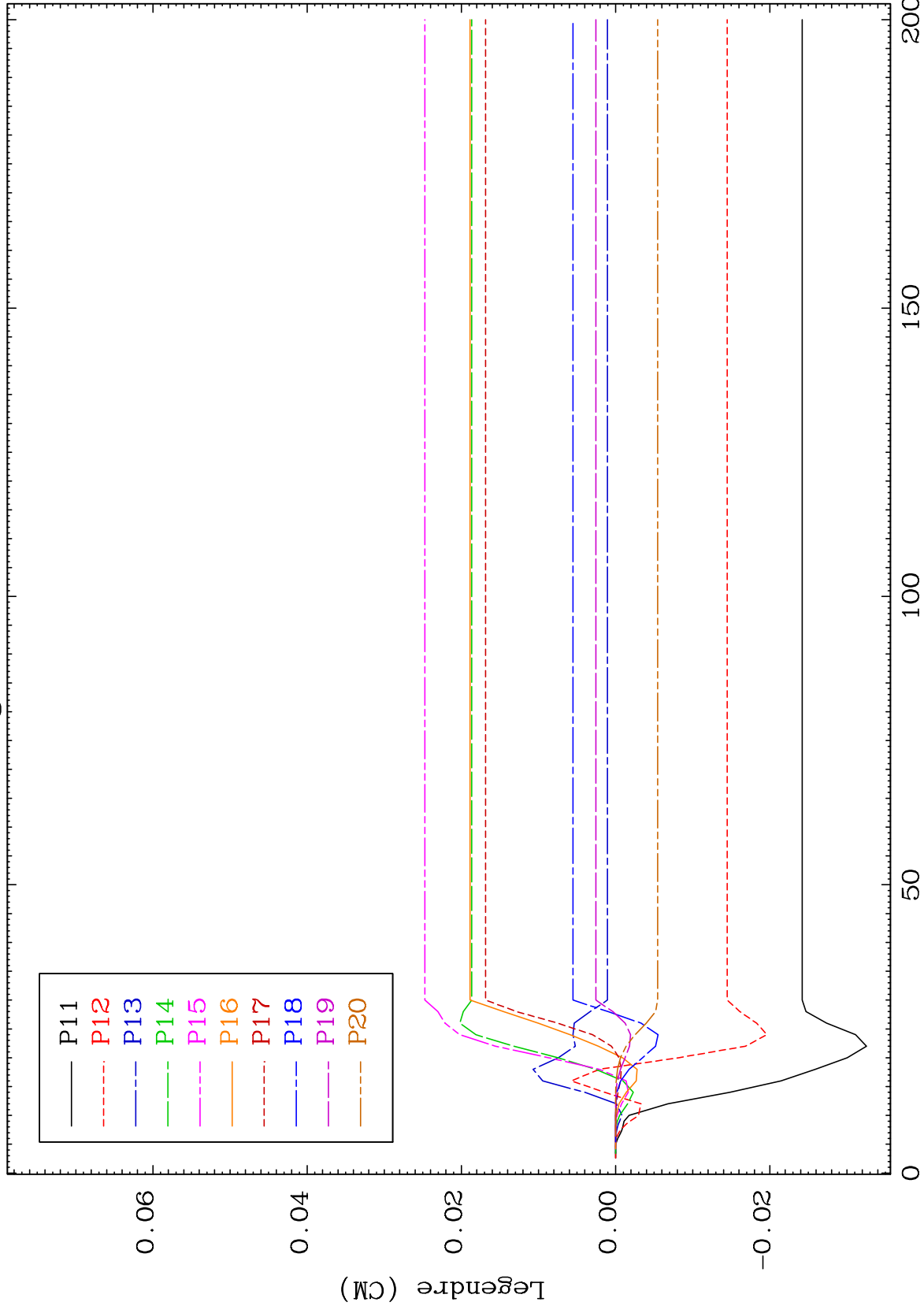
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

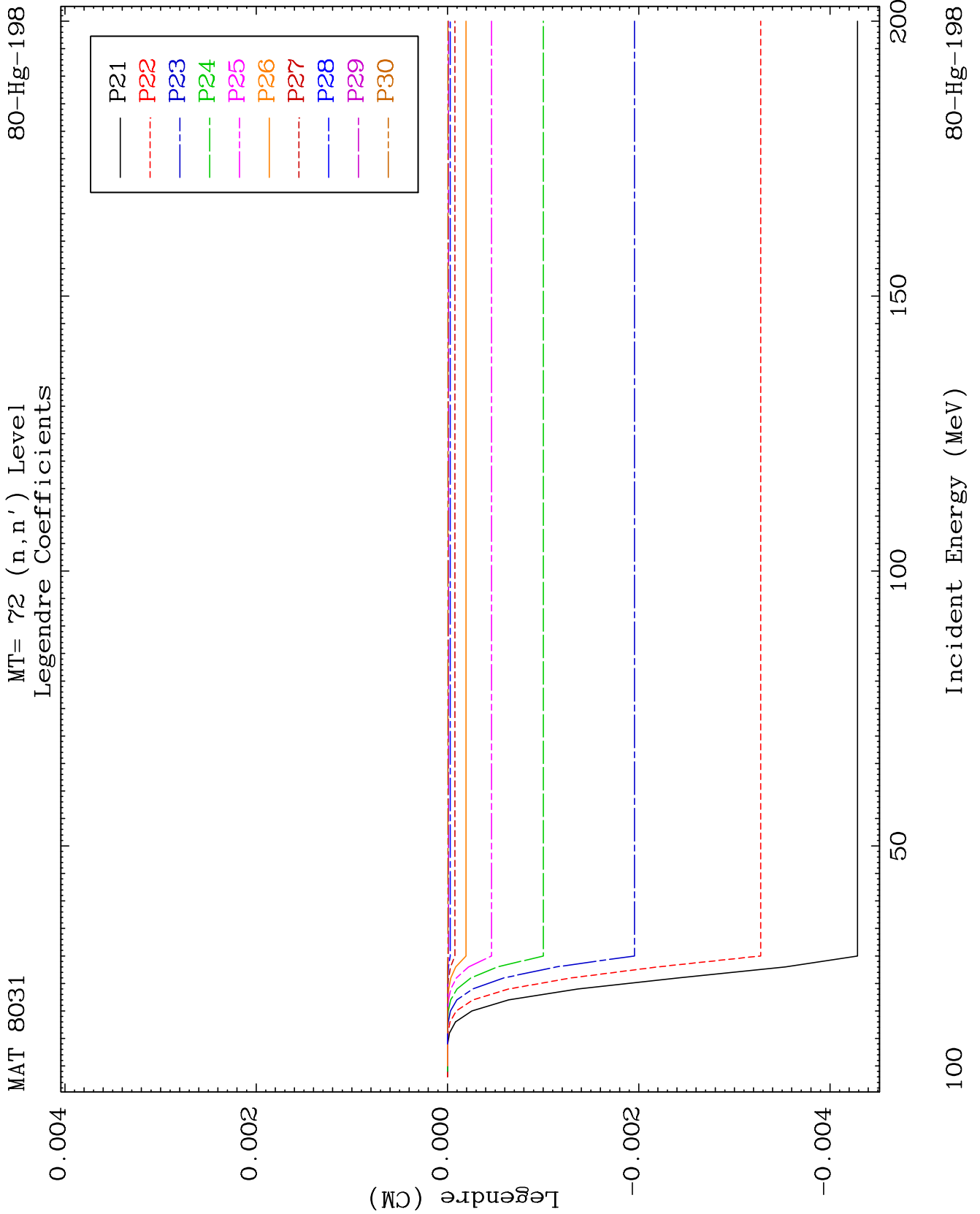
80-Hg-198

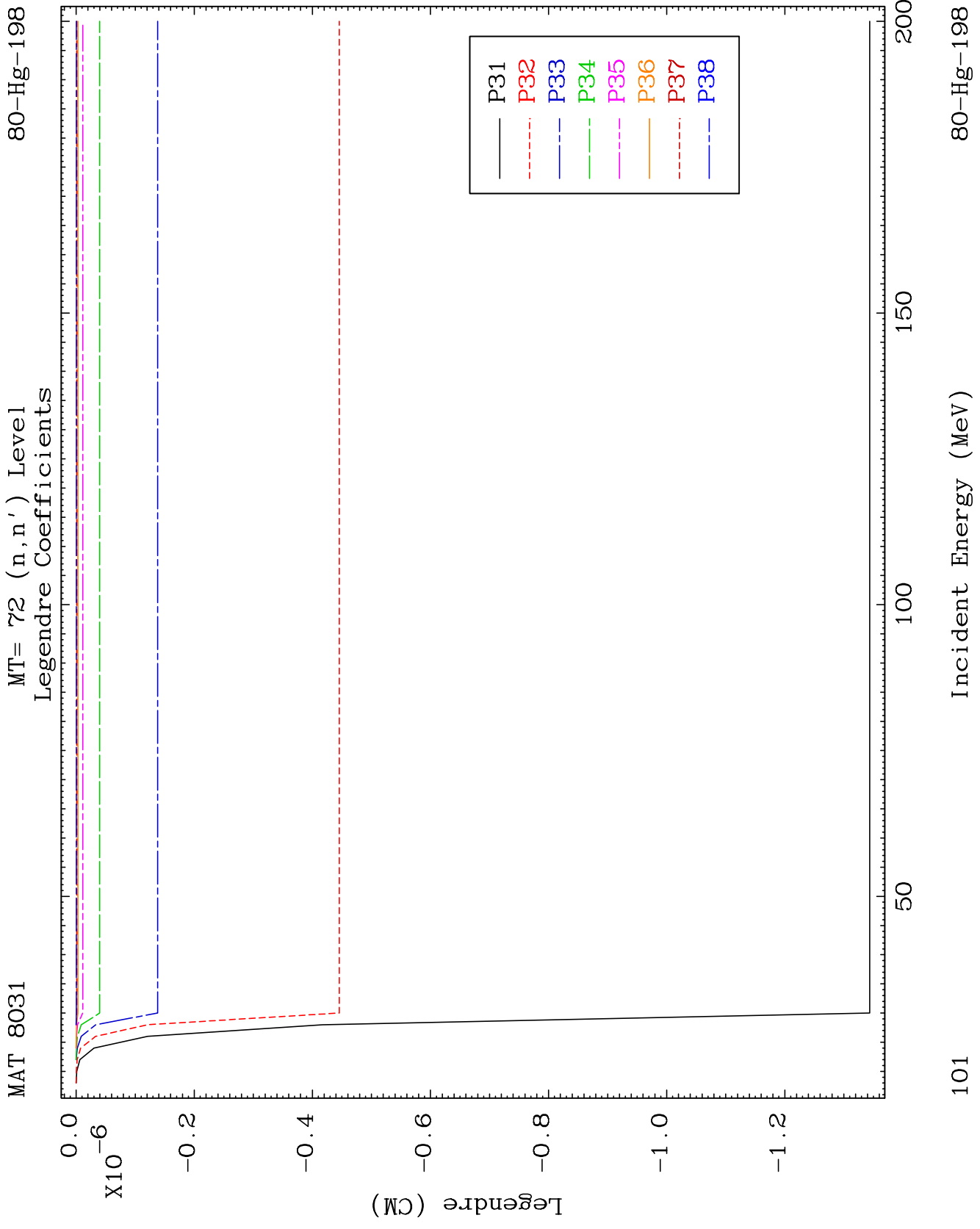


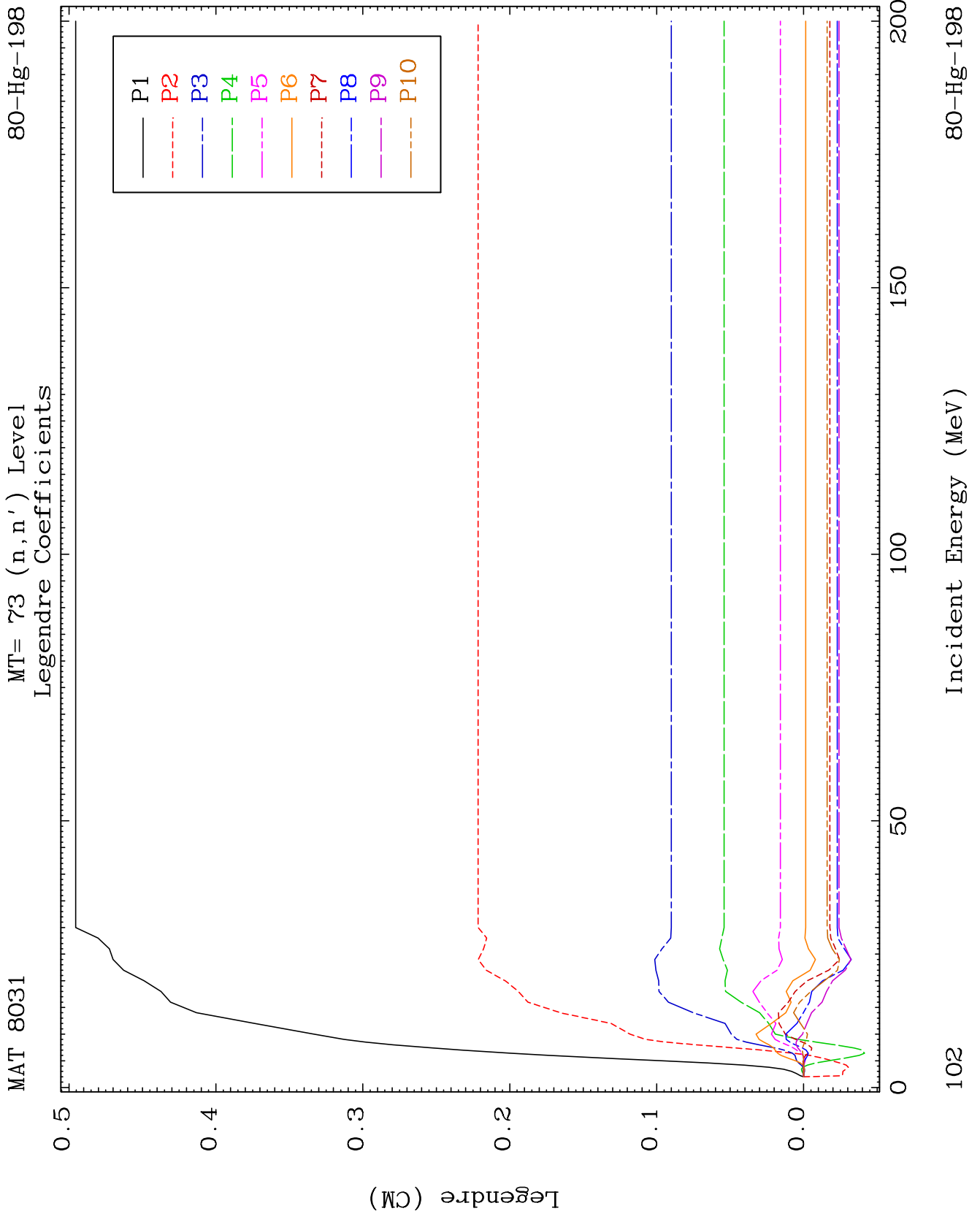
99

Incident Energy (MeV)

80-Hg-198



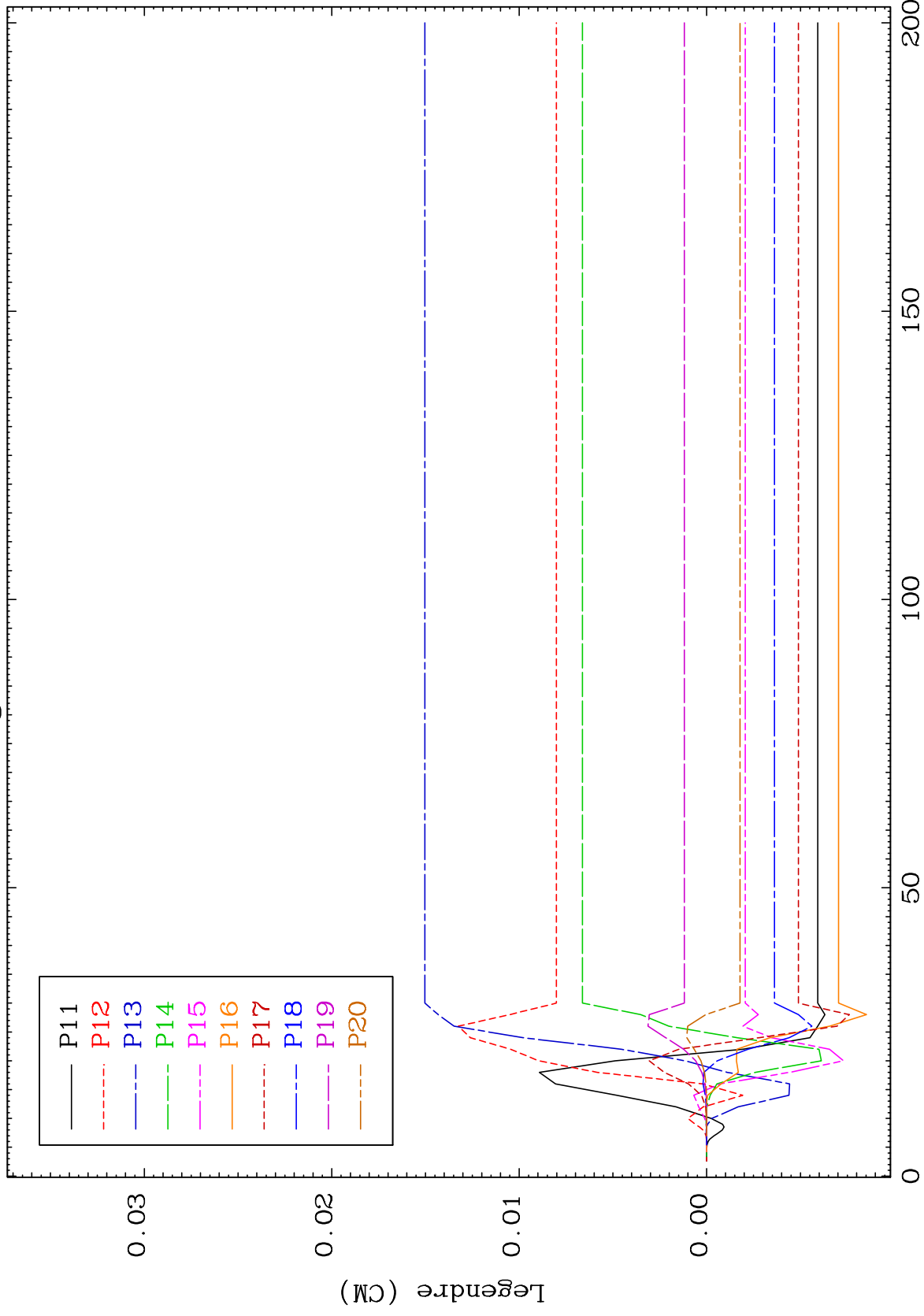




MAT 8031

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

80-Hg-198



103

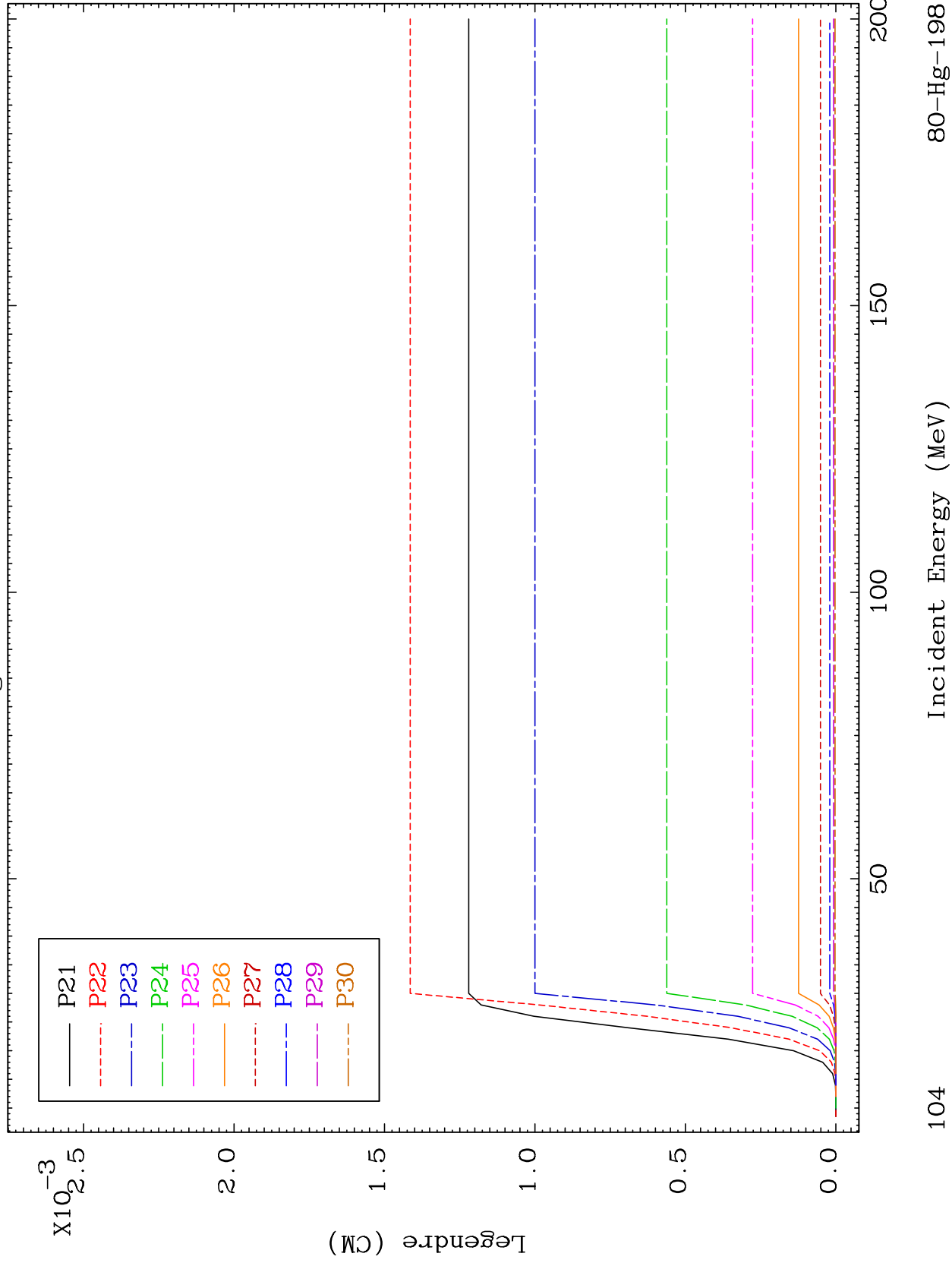
Incident Energy (MeV)

80-Hg-198

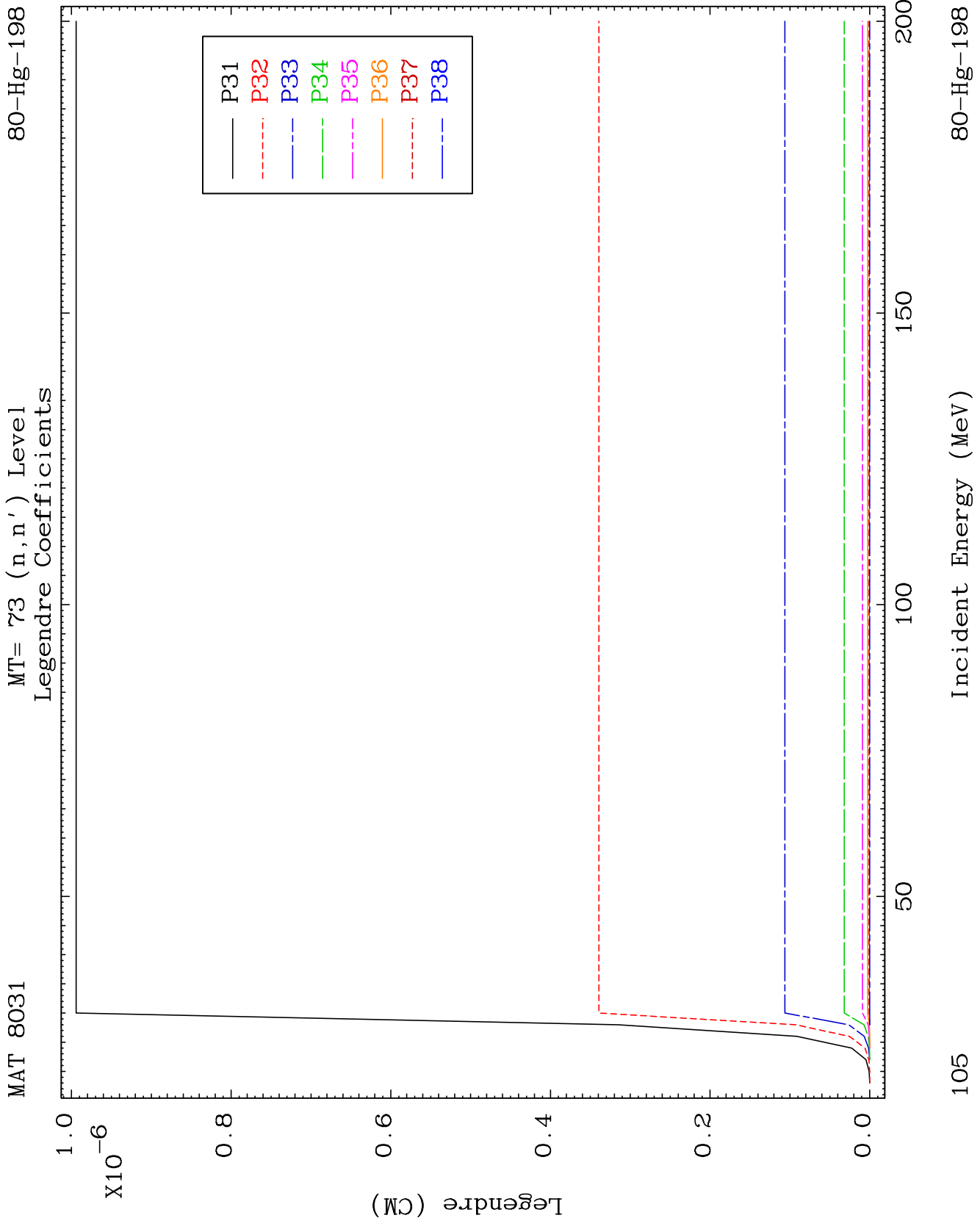
MAT 8031

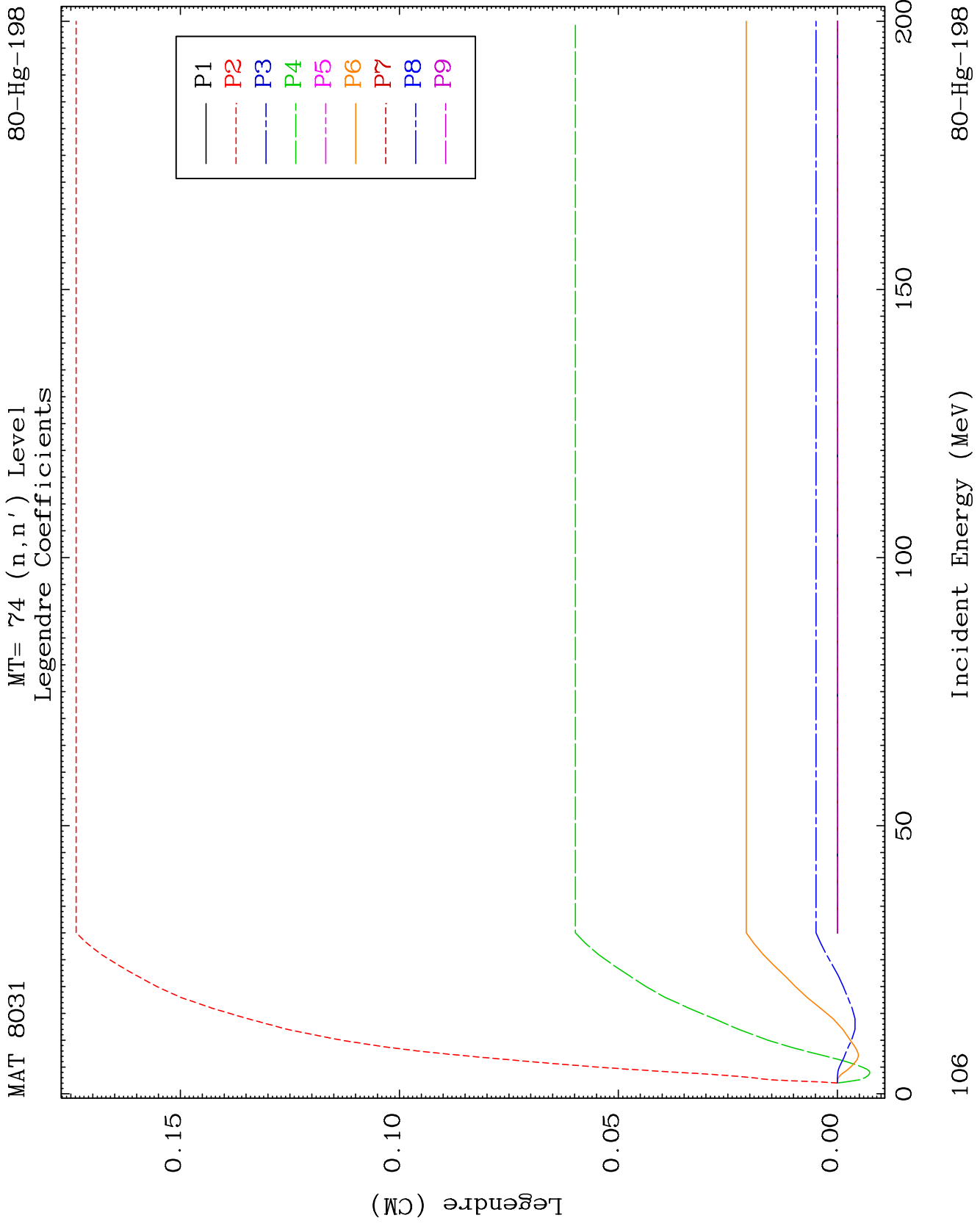
MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-198



104

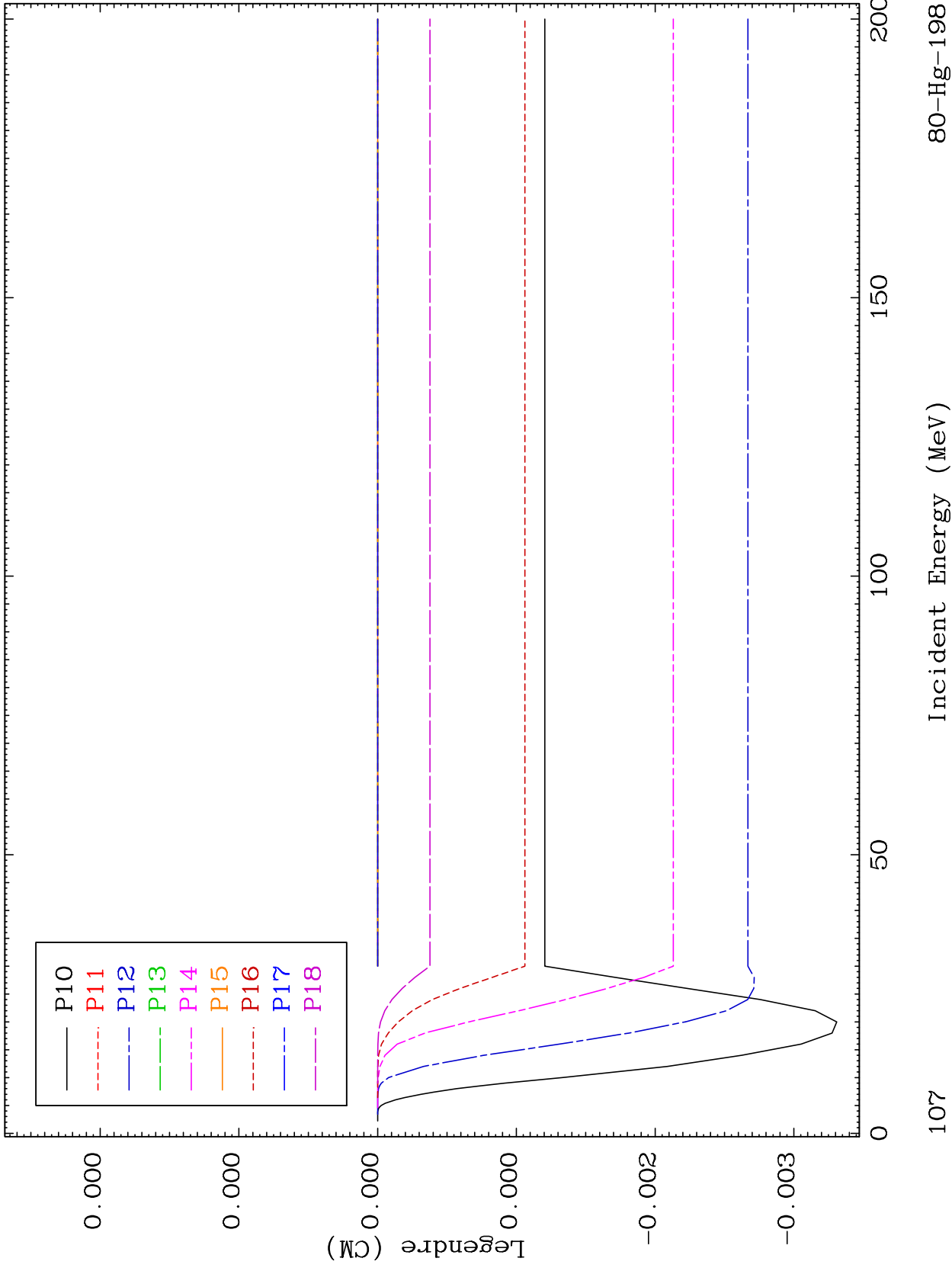


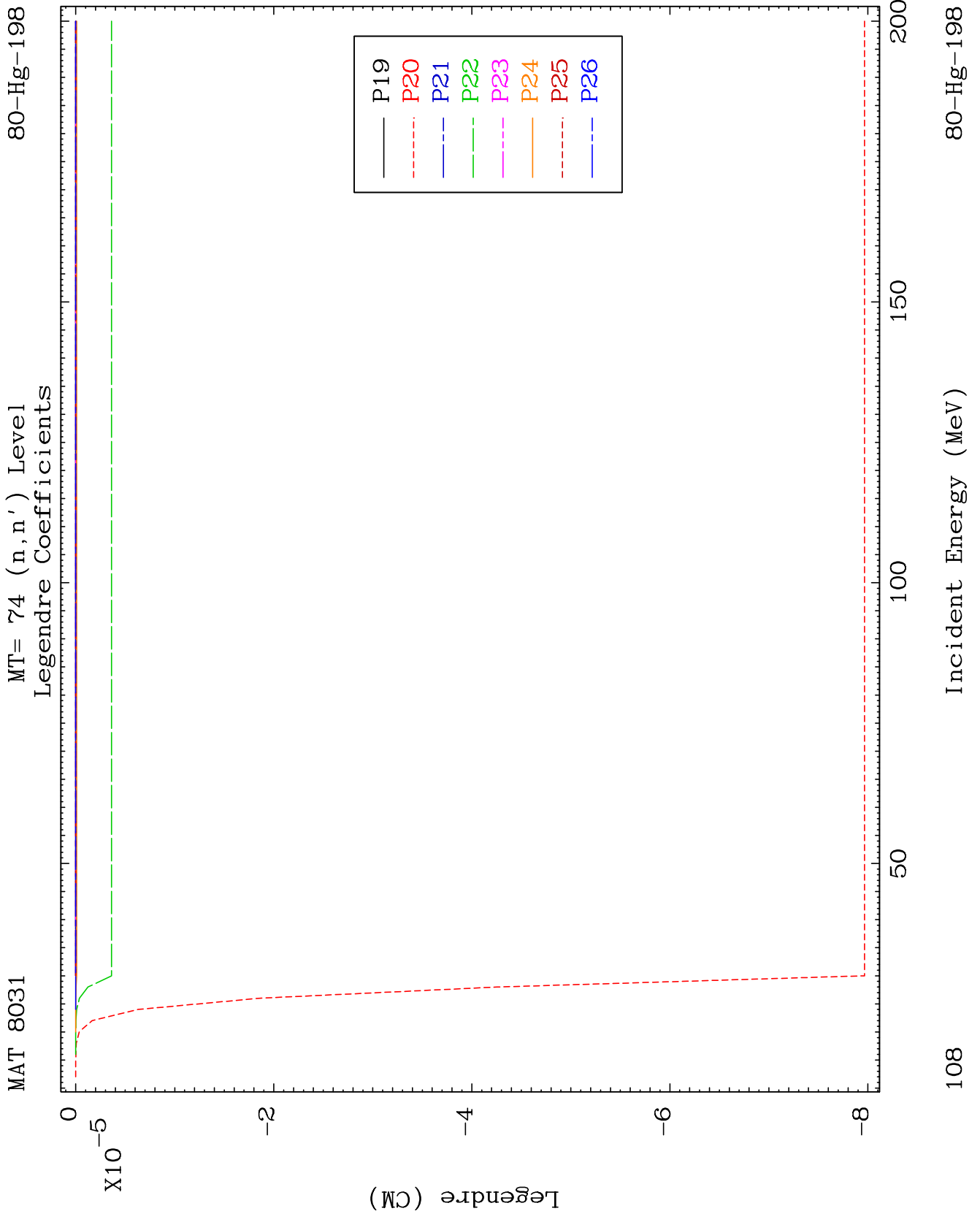


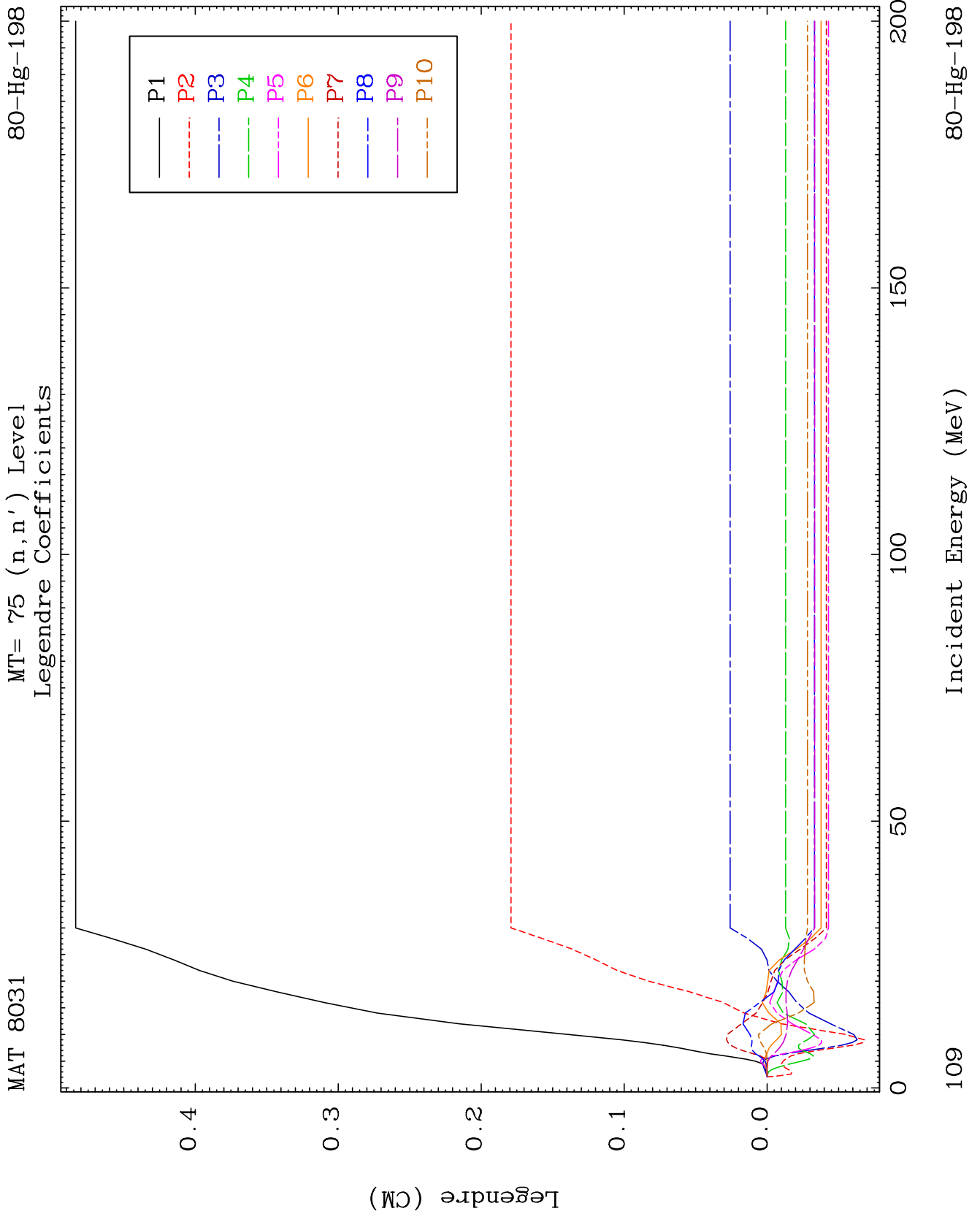
MAT 8031

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

80-Hg-198



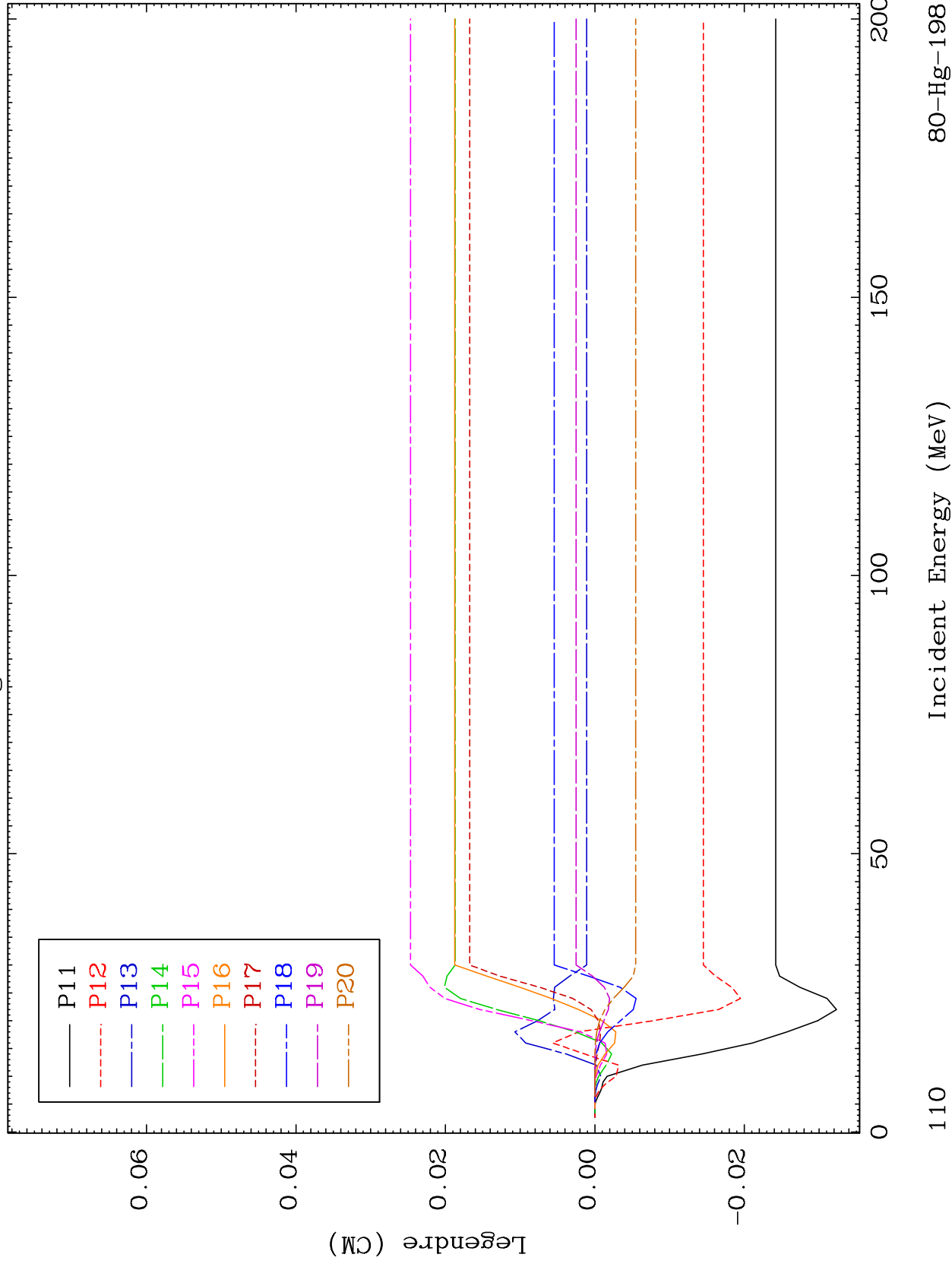




MAT 8031

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

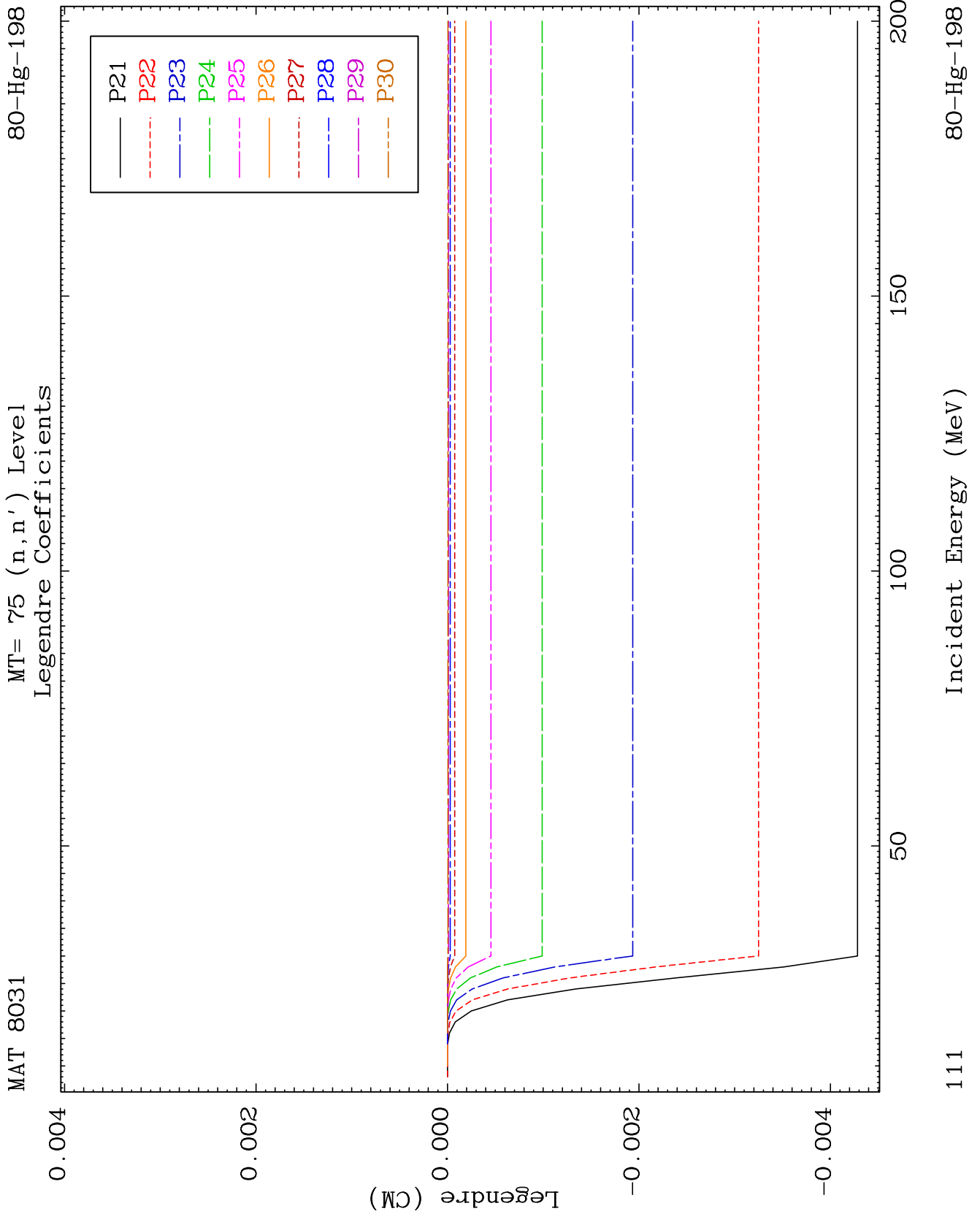
80-Hg-198

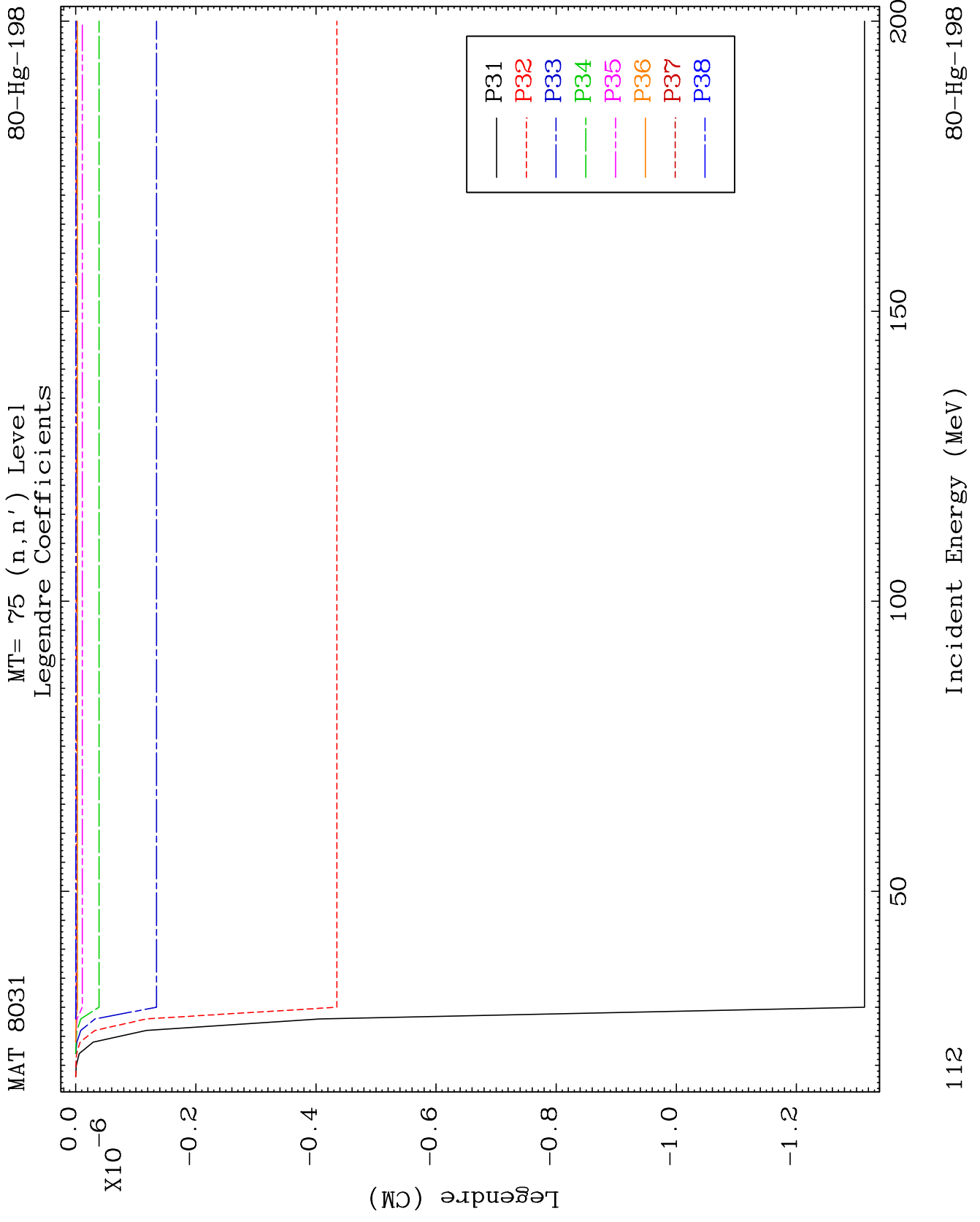


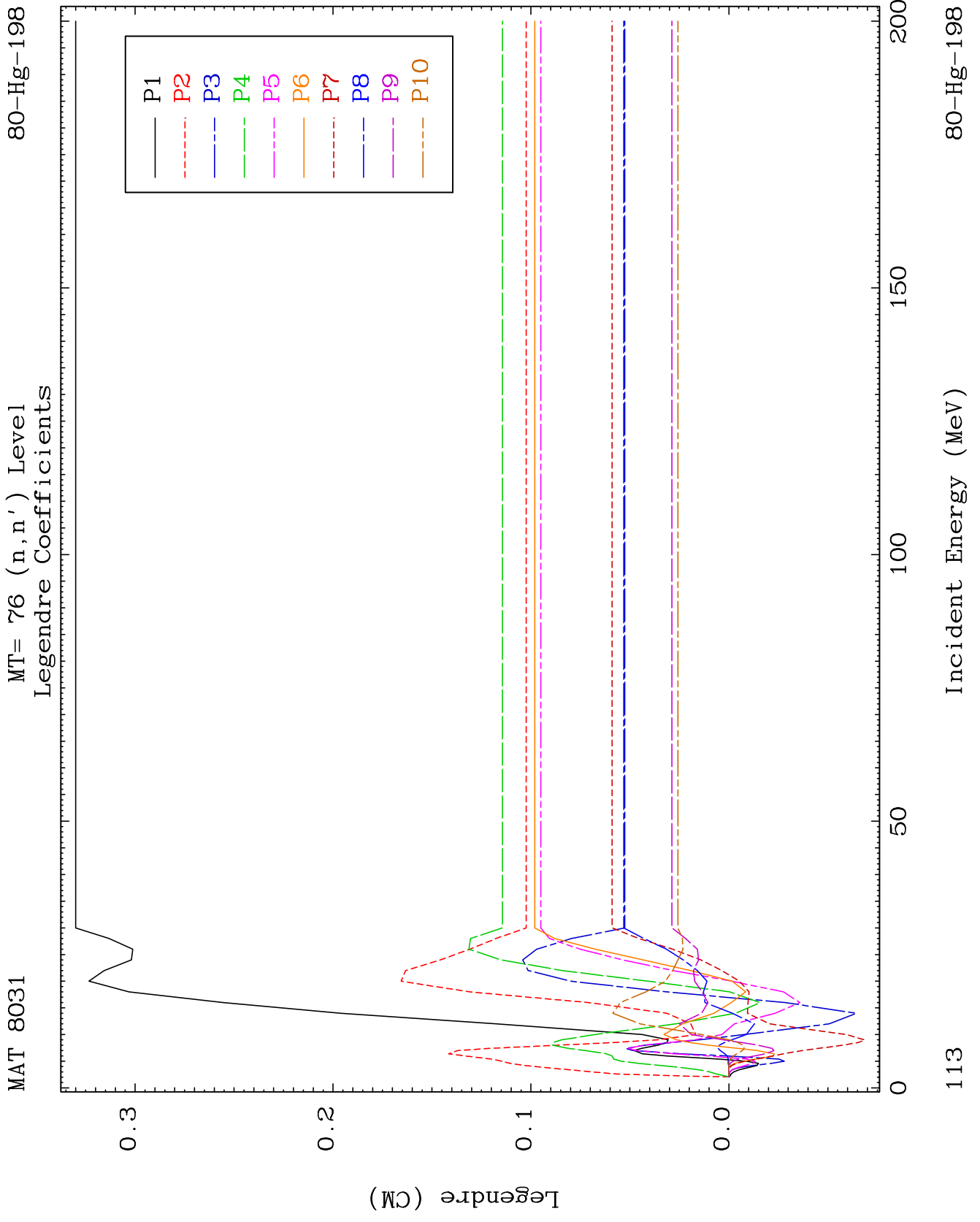
110

Incident Energy (MeV)

80-Hg-198



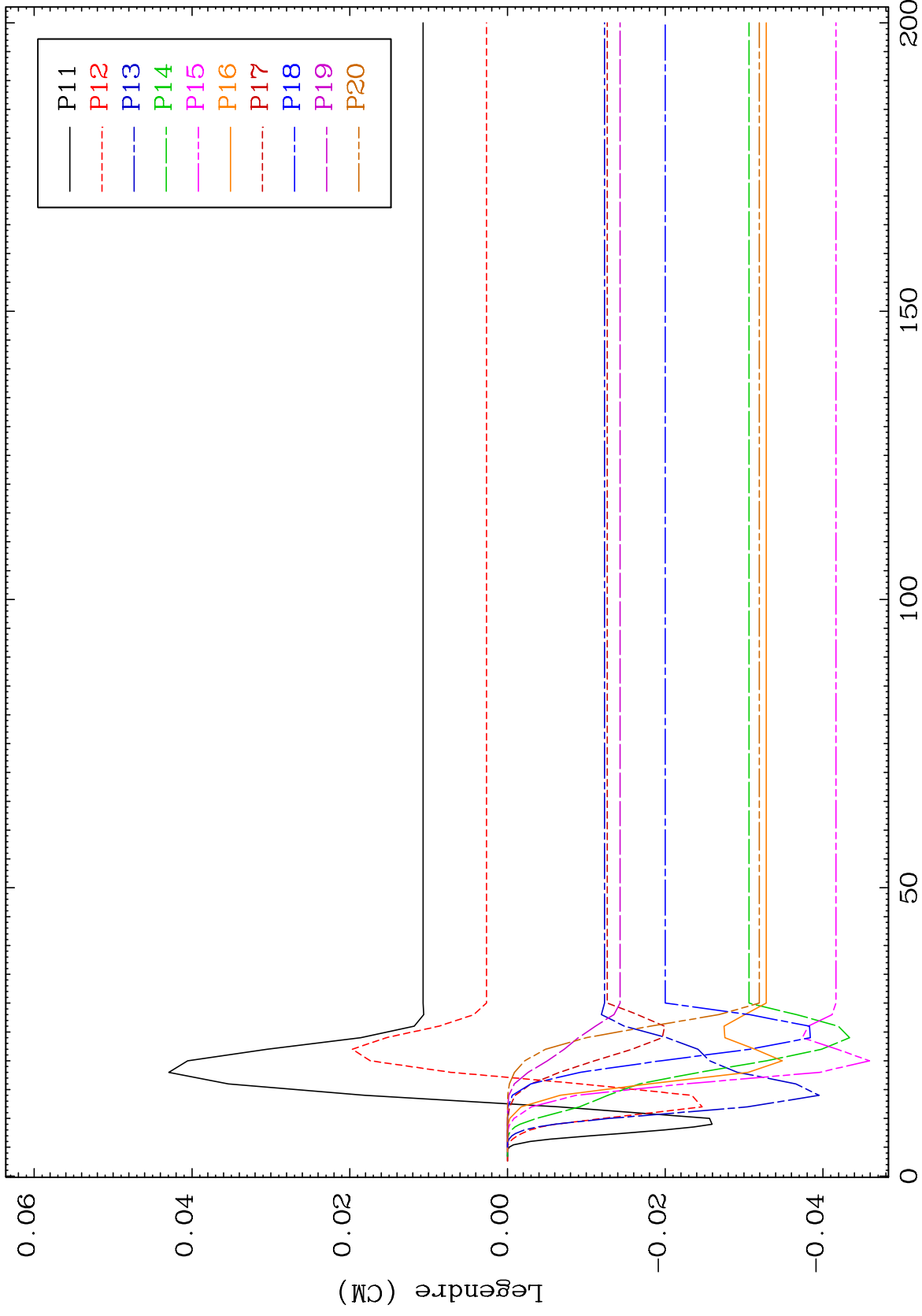




MAT 8031

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

80-Hg-198



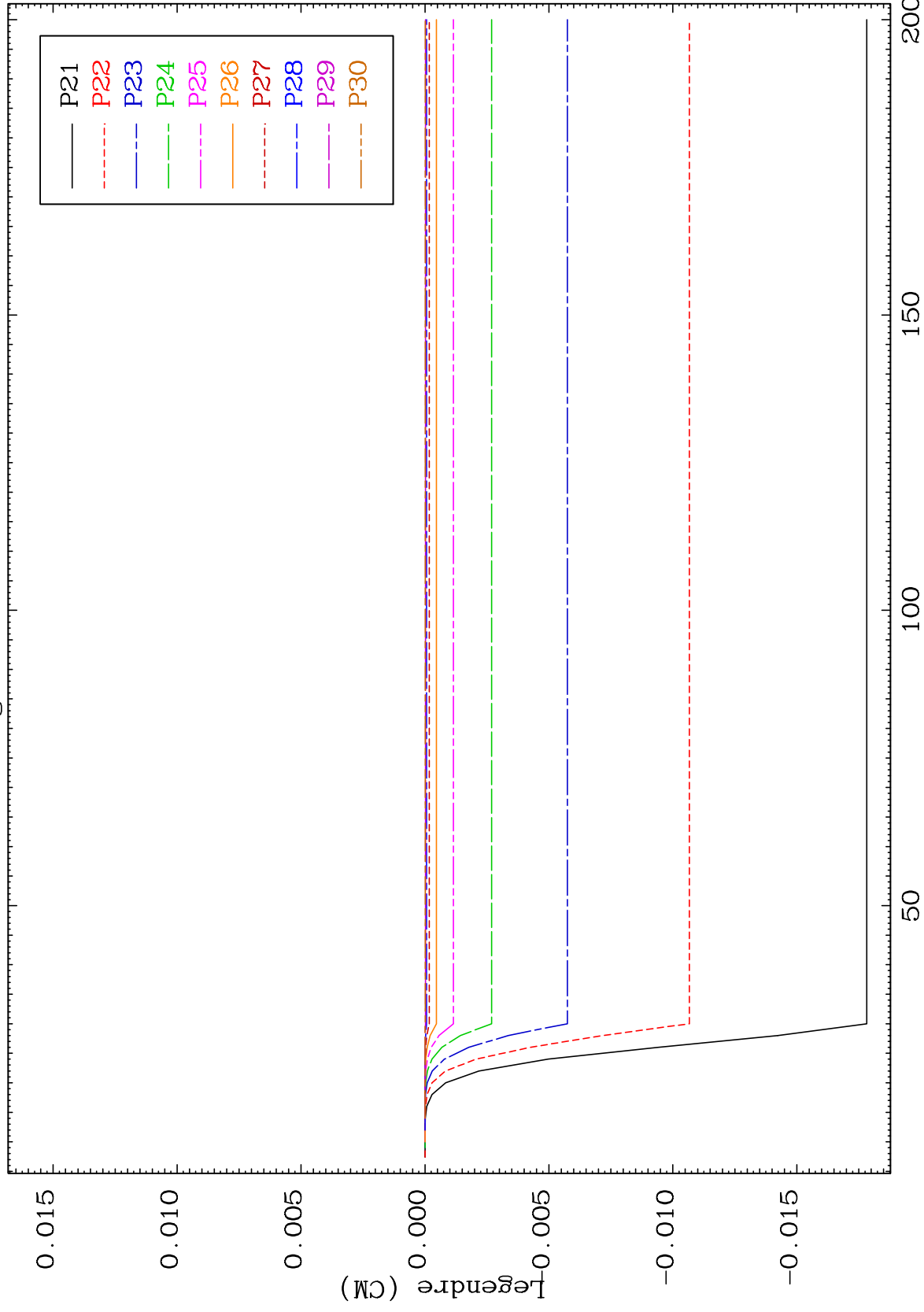
114

80-Hg-198

MAT 8031

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

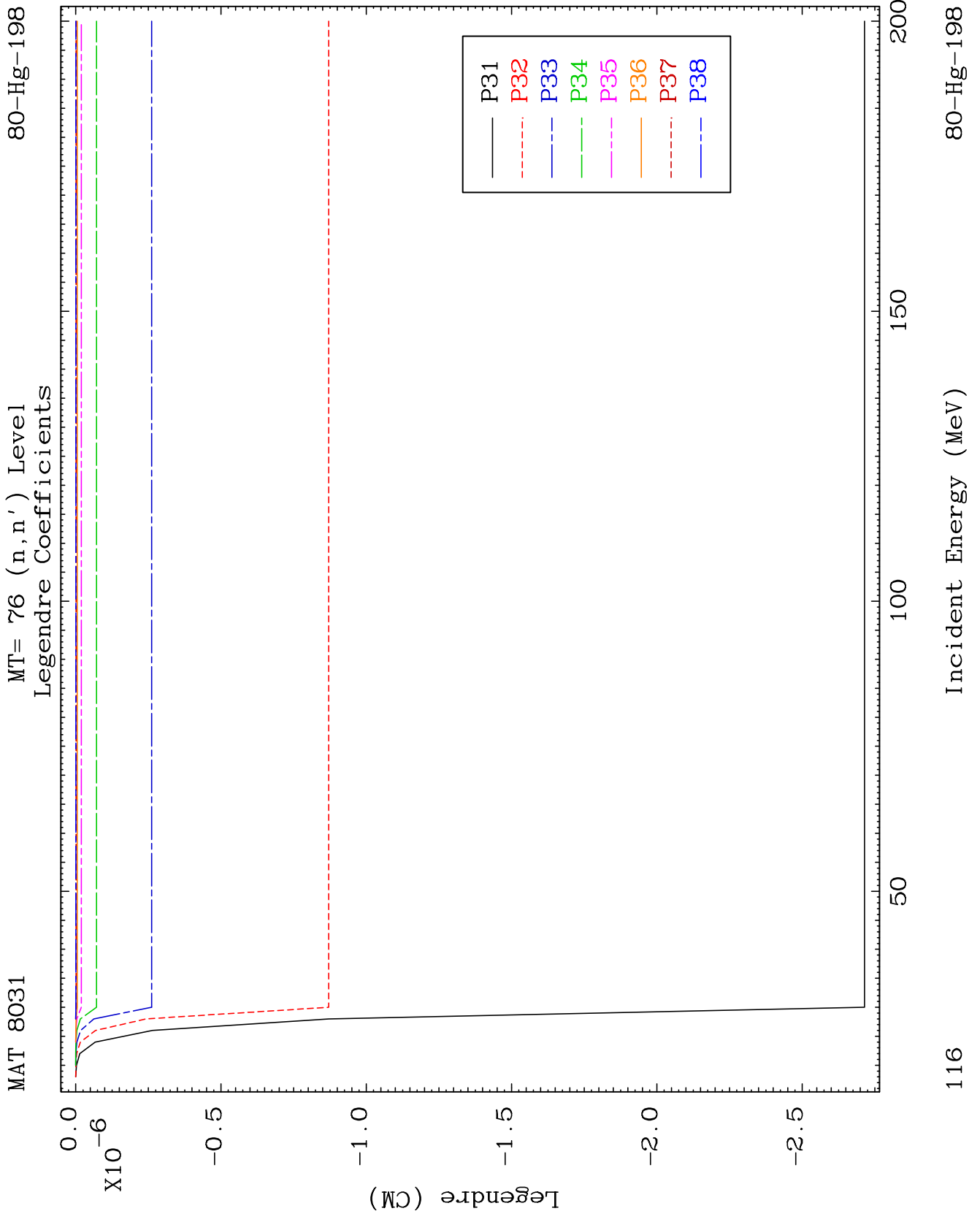
80-Hg-198



115

Incident Energy (MeV)

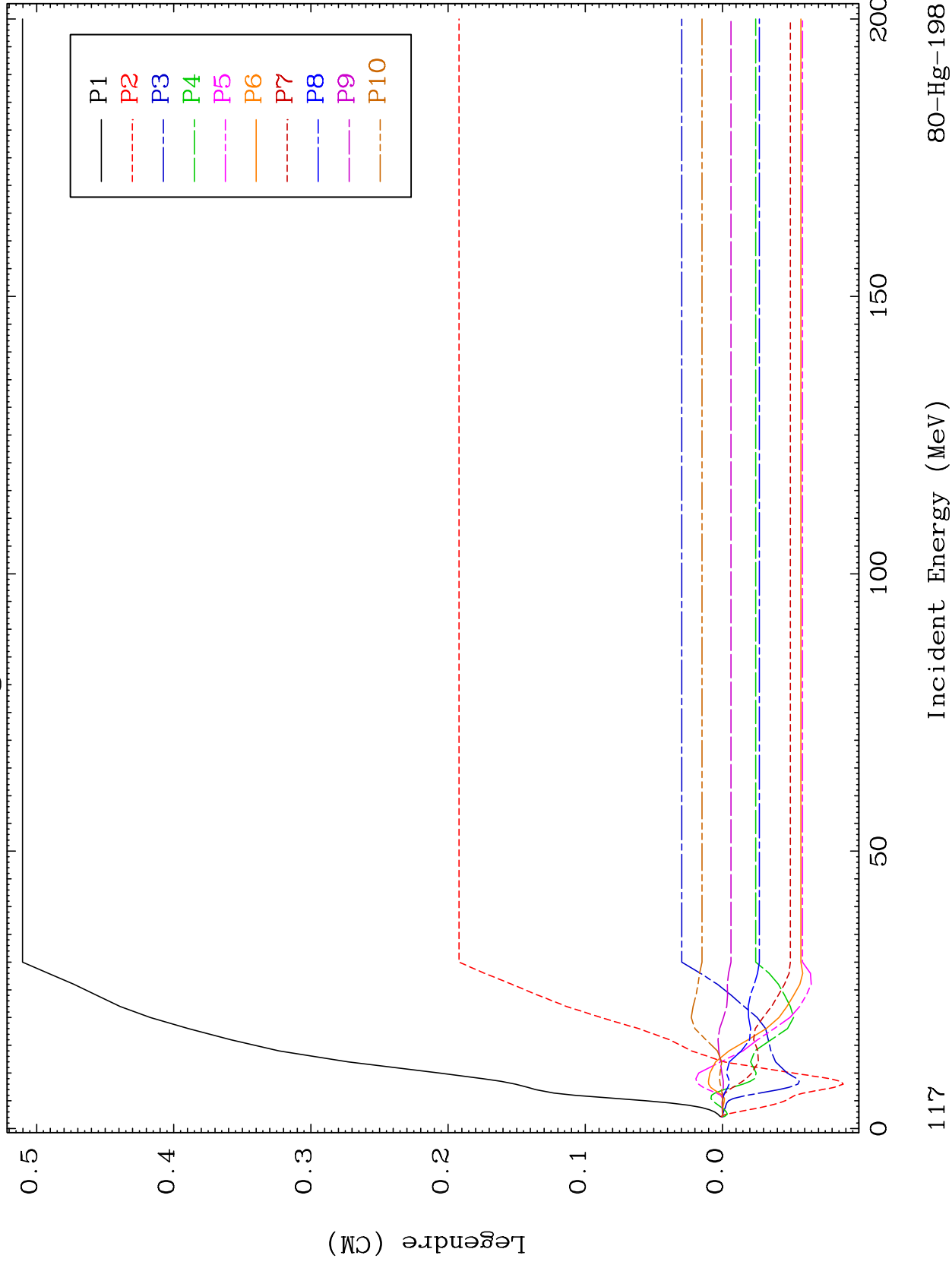
80-Hg-198



MAT 8031

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

80-Hg-198

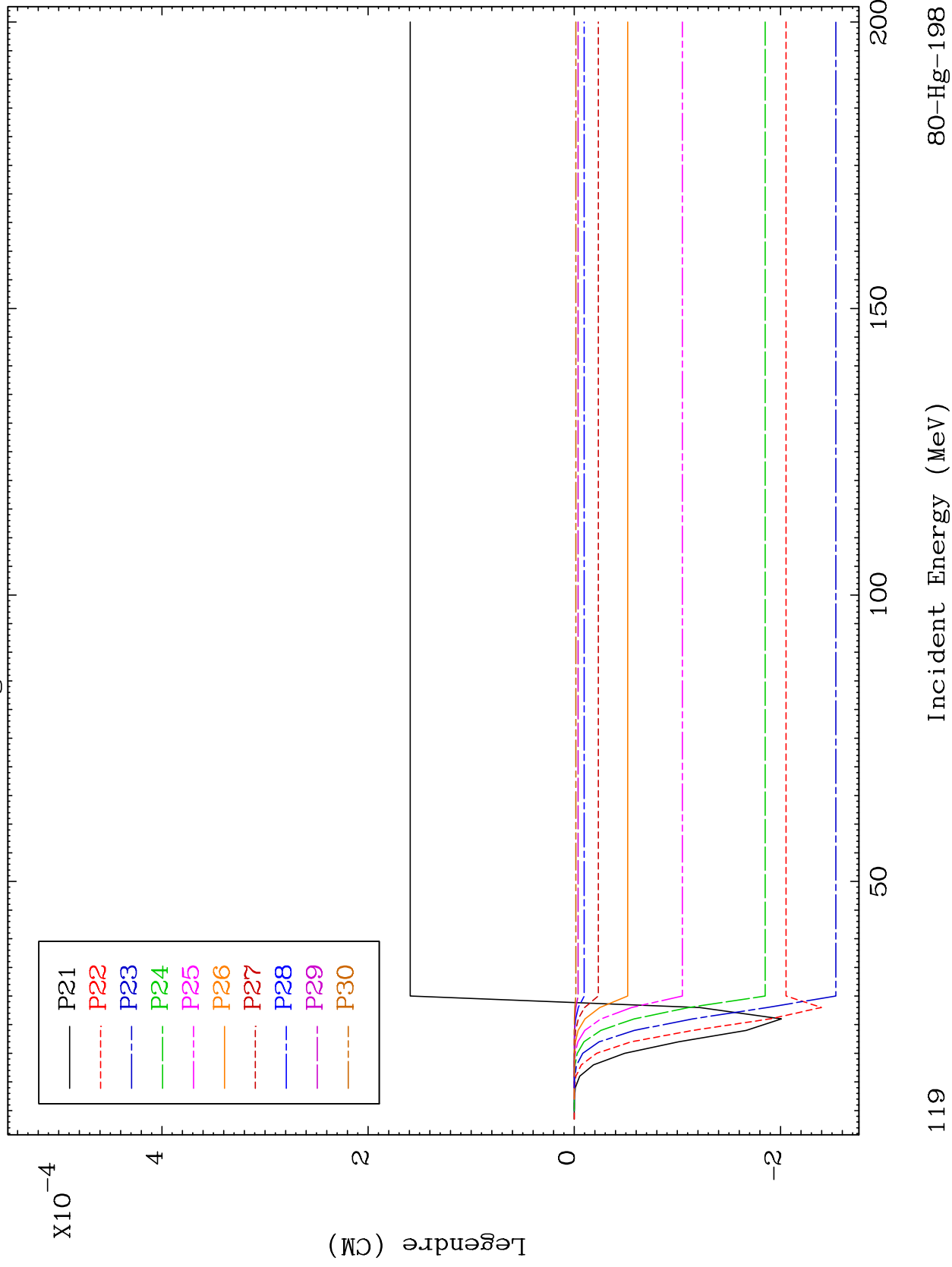


117

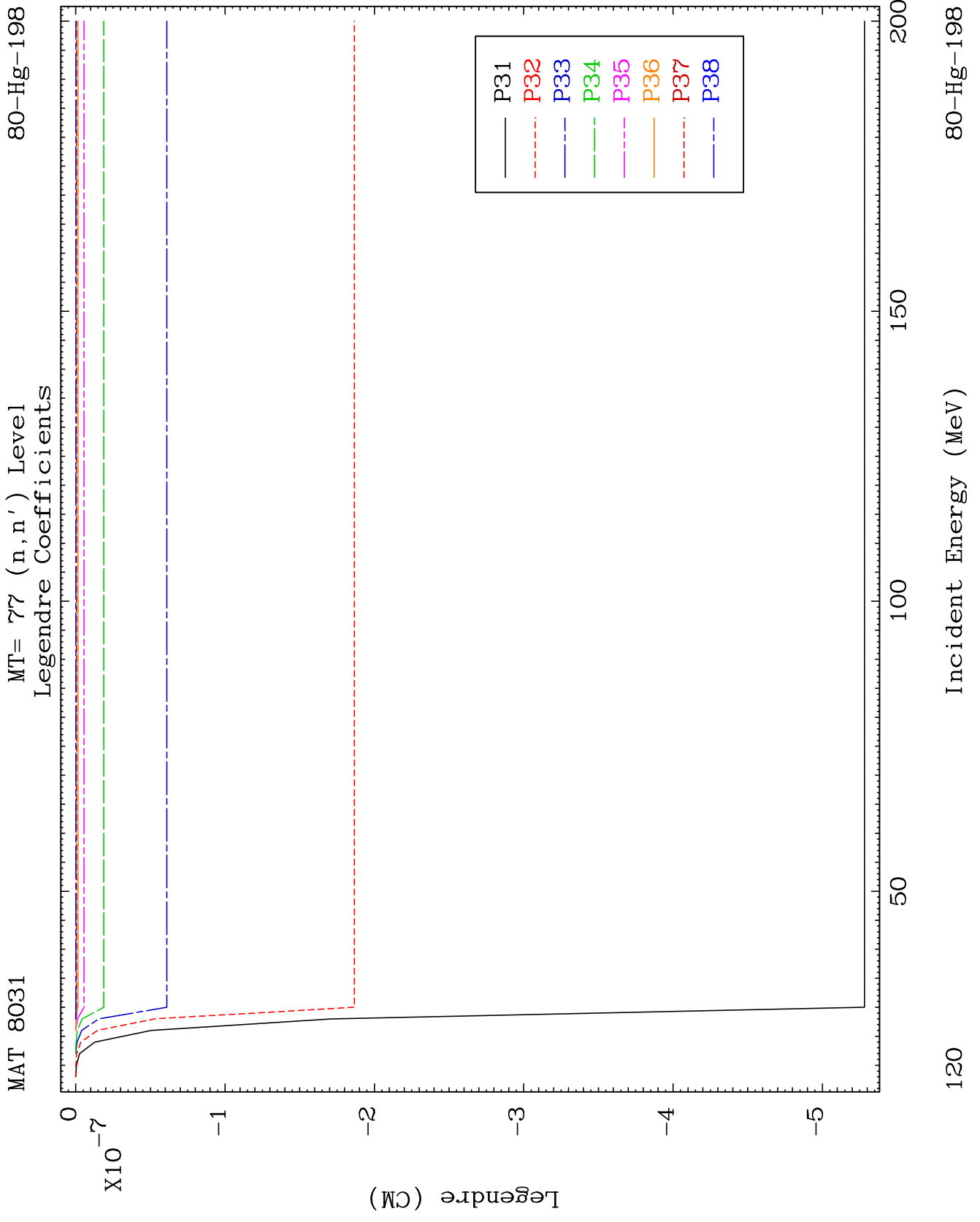
MAT 8031

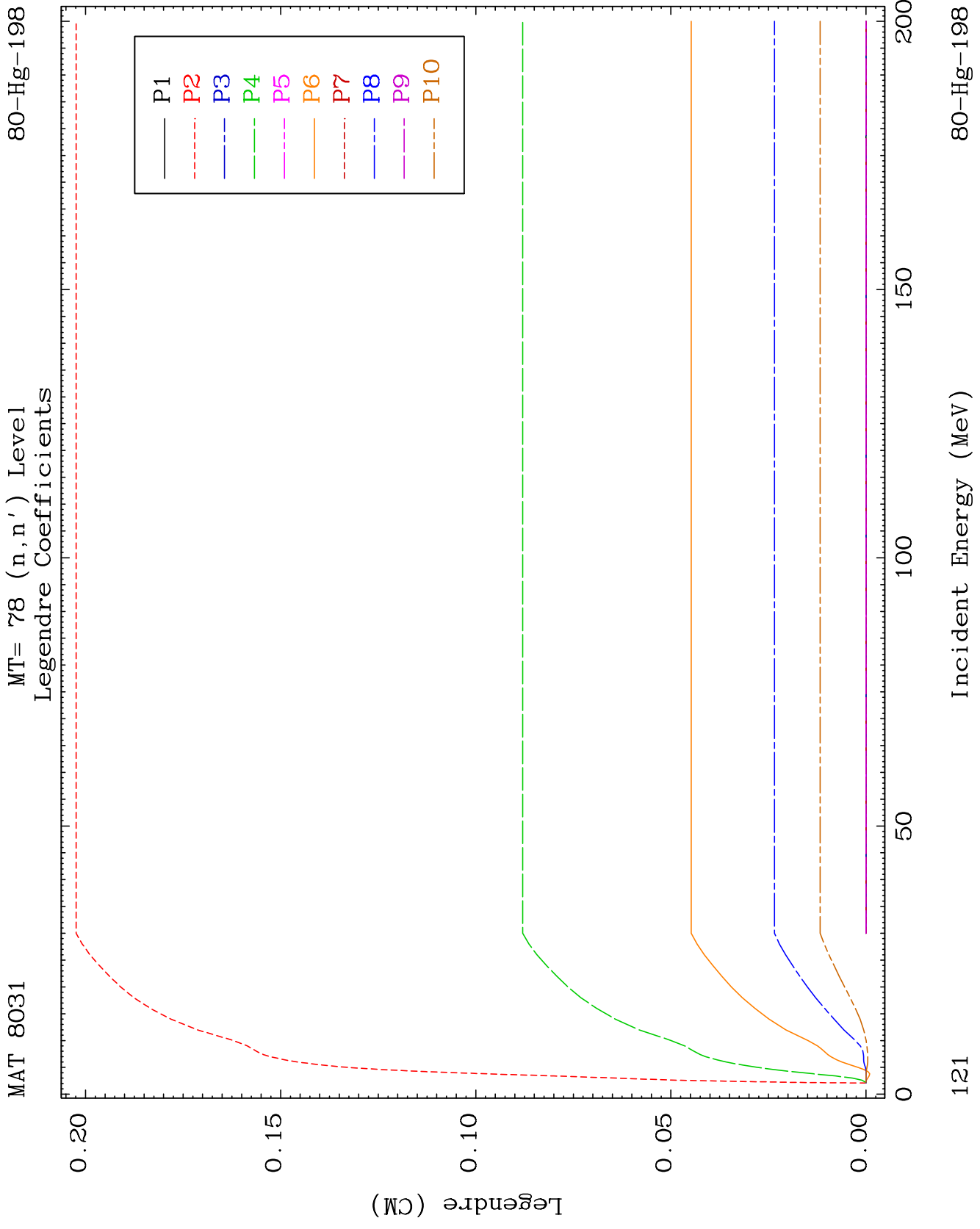
MT= 77 (n,n') Level
Legendre Coefficients

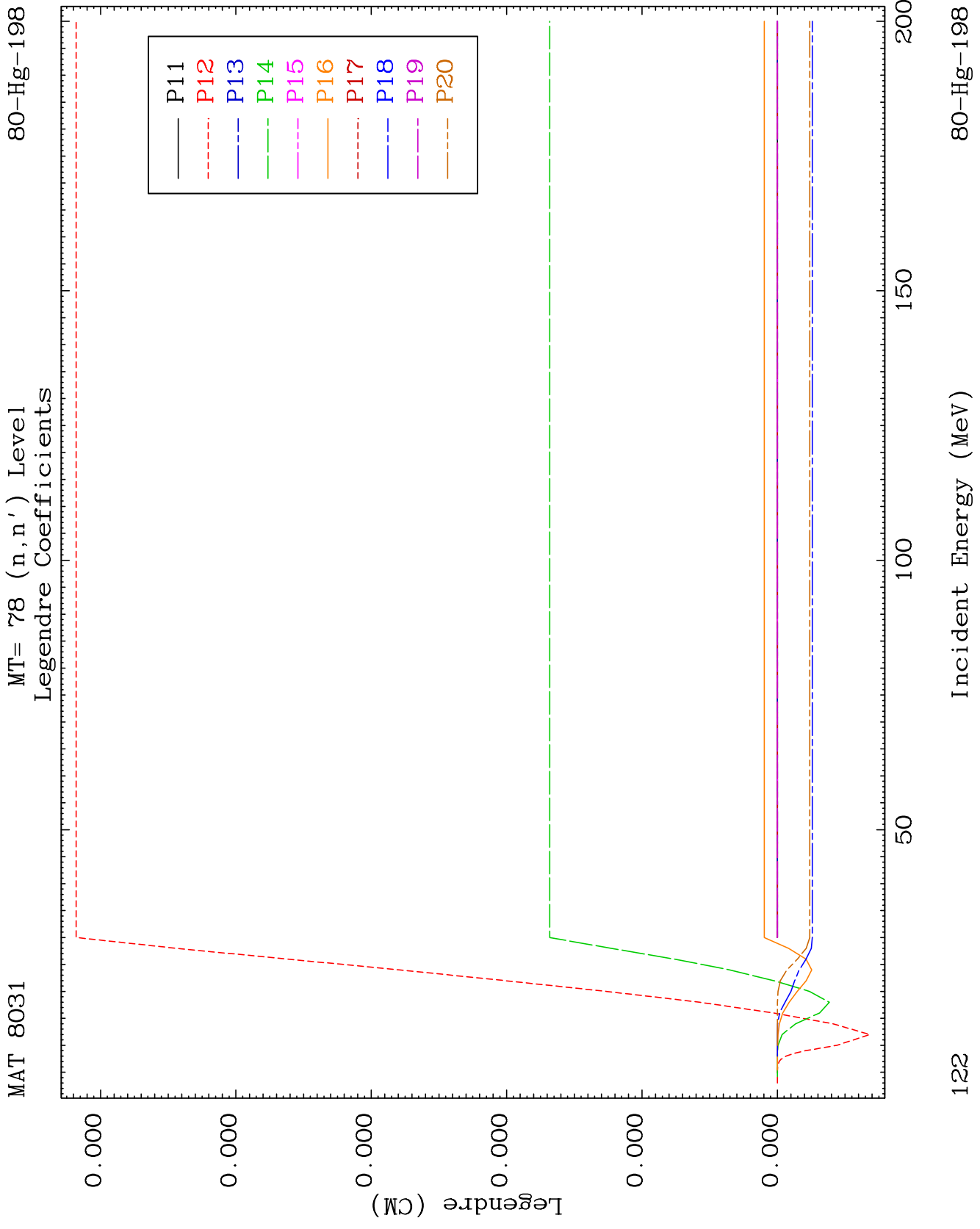
80-Hg-198

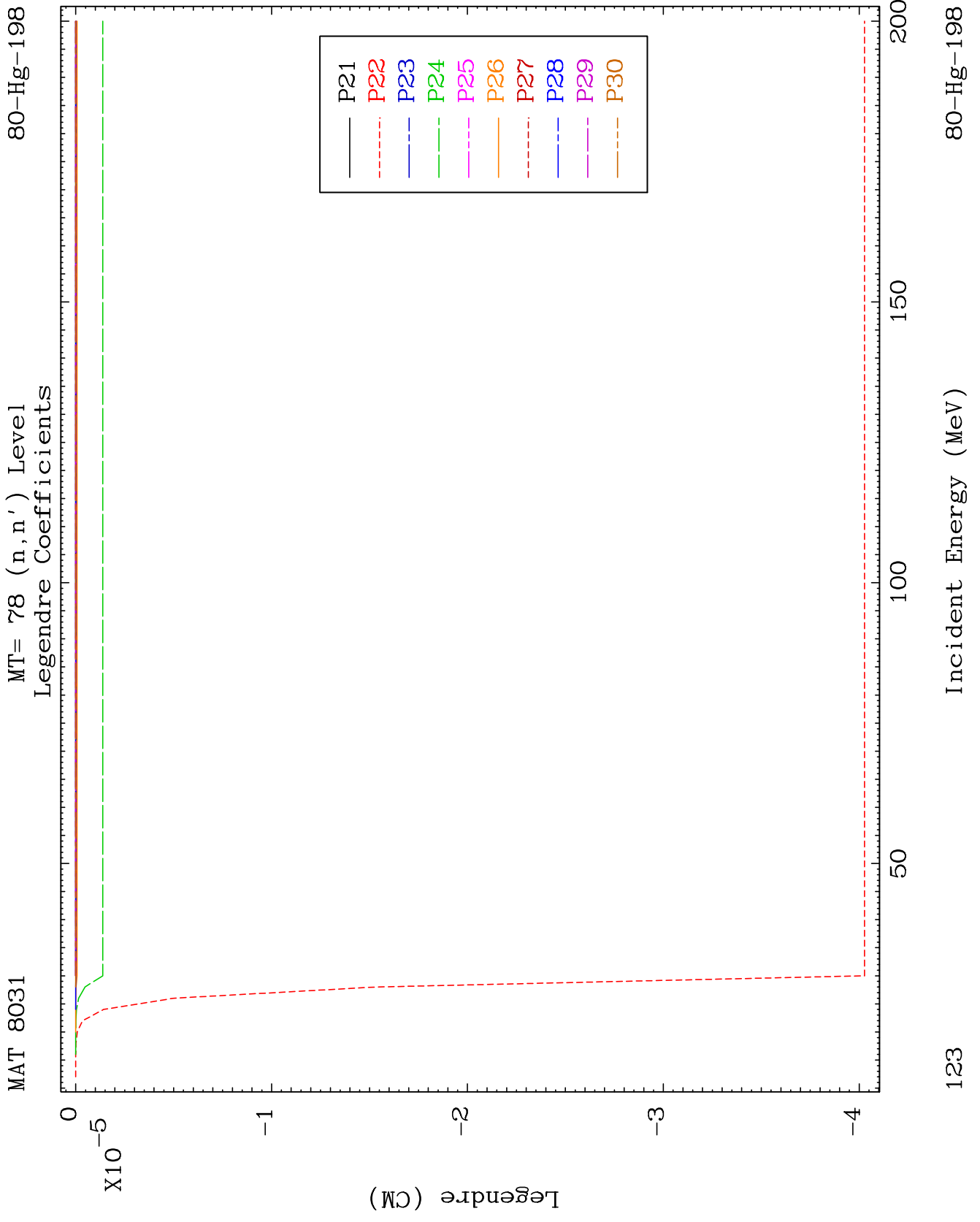


119





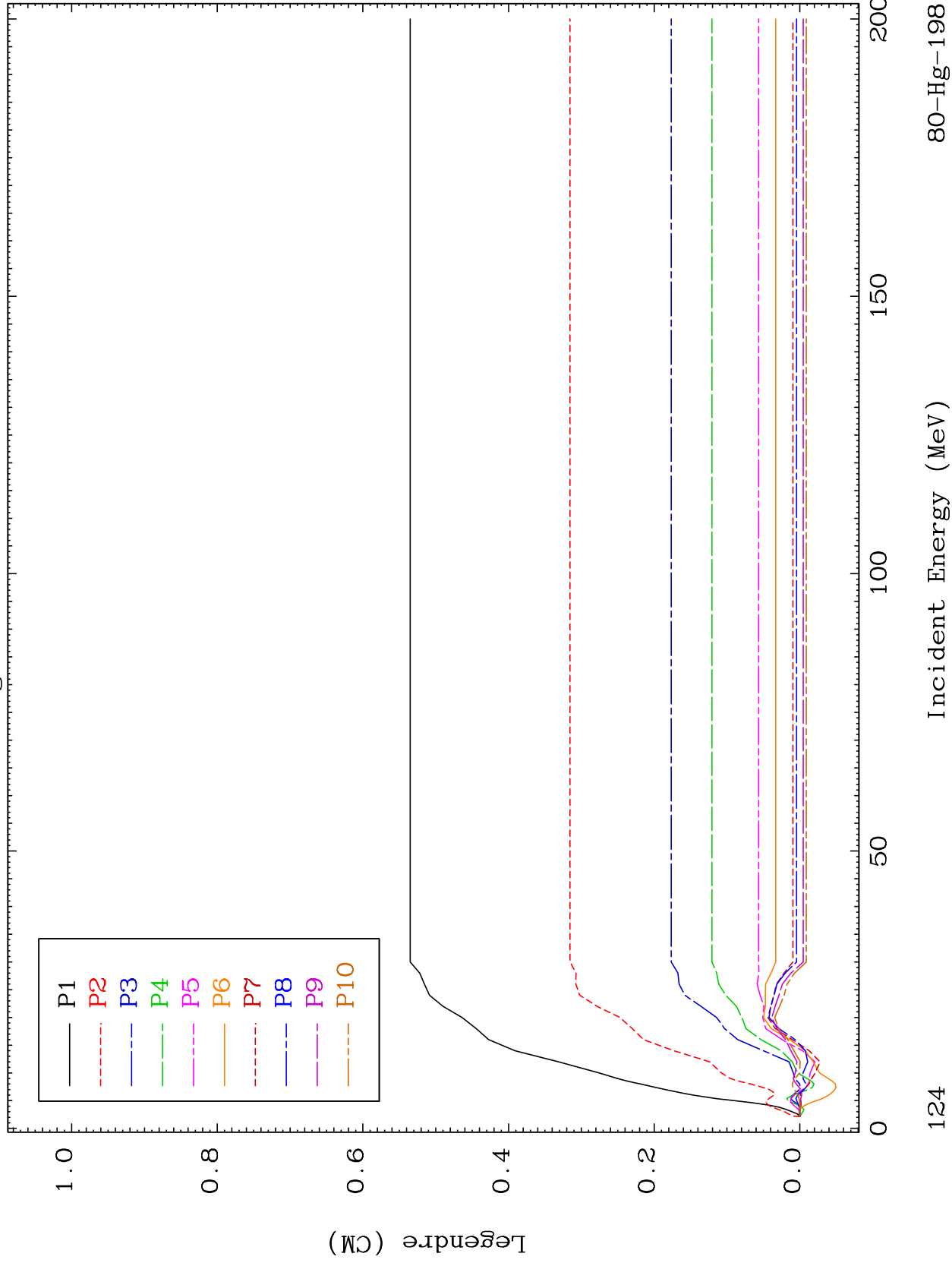




MAT 8031

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

80-Hg-198



124

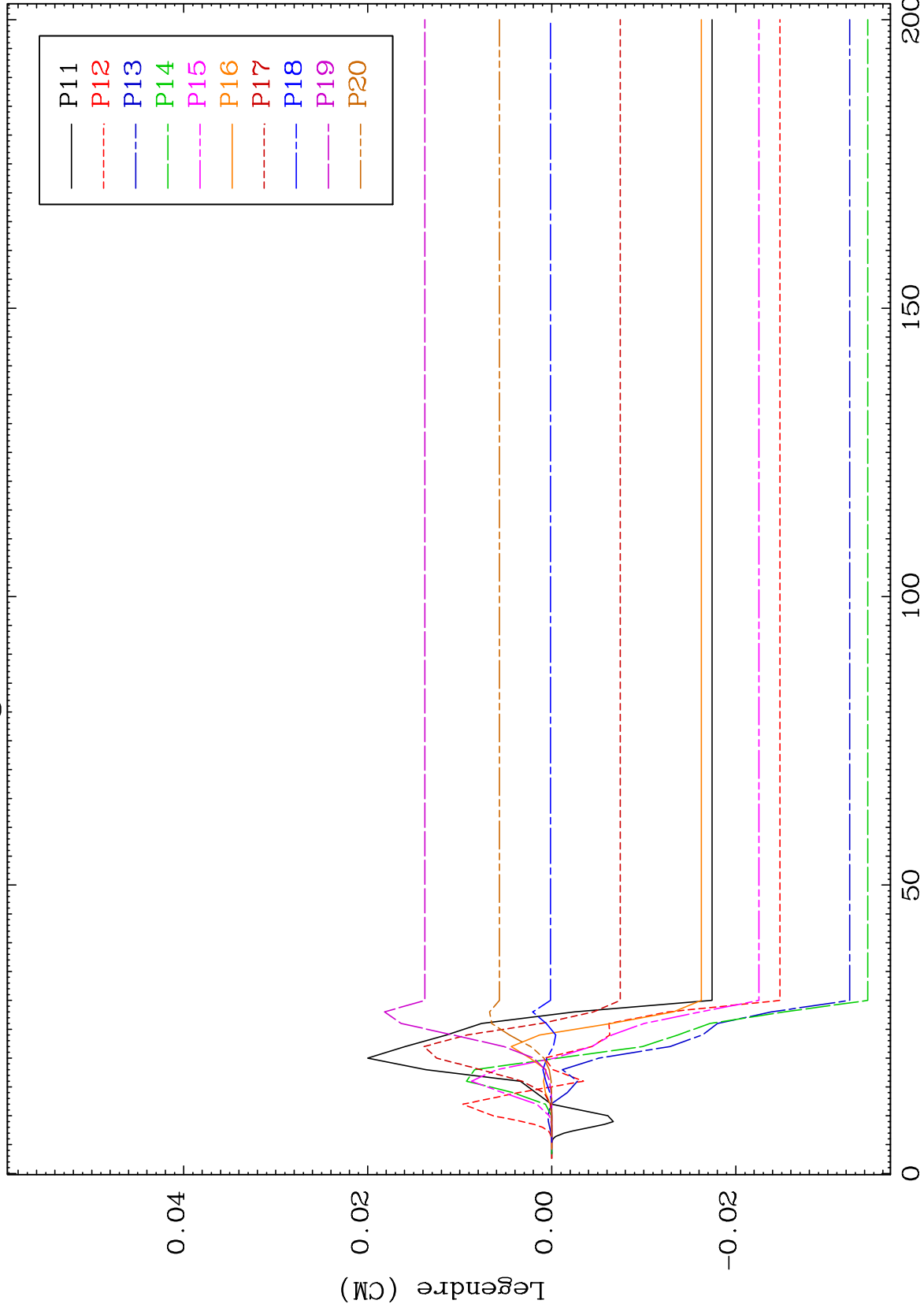
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



80-Hg-198

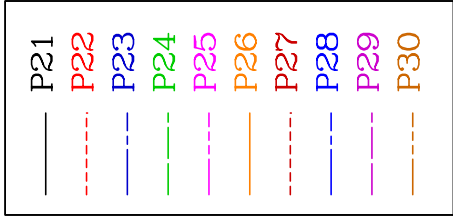
Incident Energy (MeV)

125

MAT 8031

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

80-Hg-198



0.015

Legendre (CM)

0.005

0.000

50

100

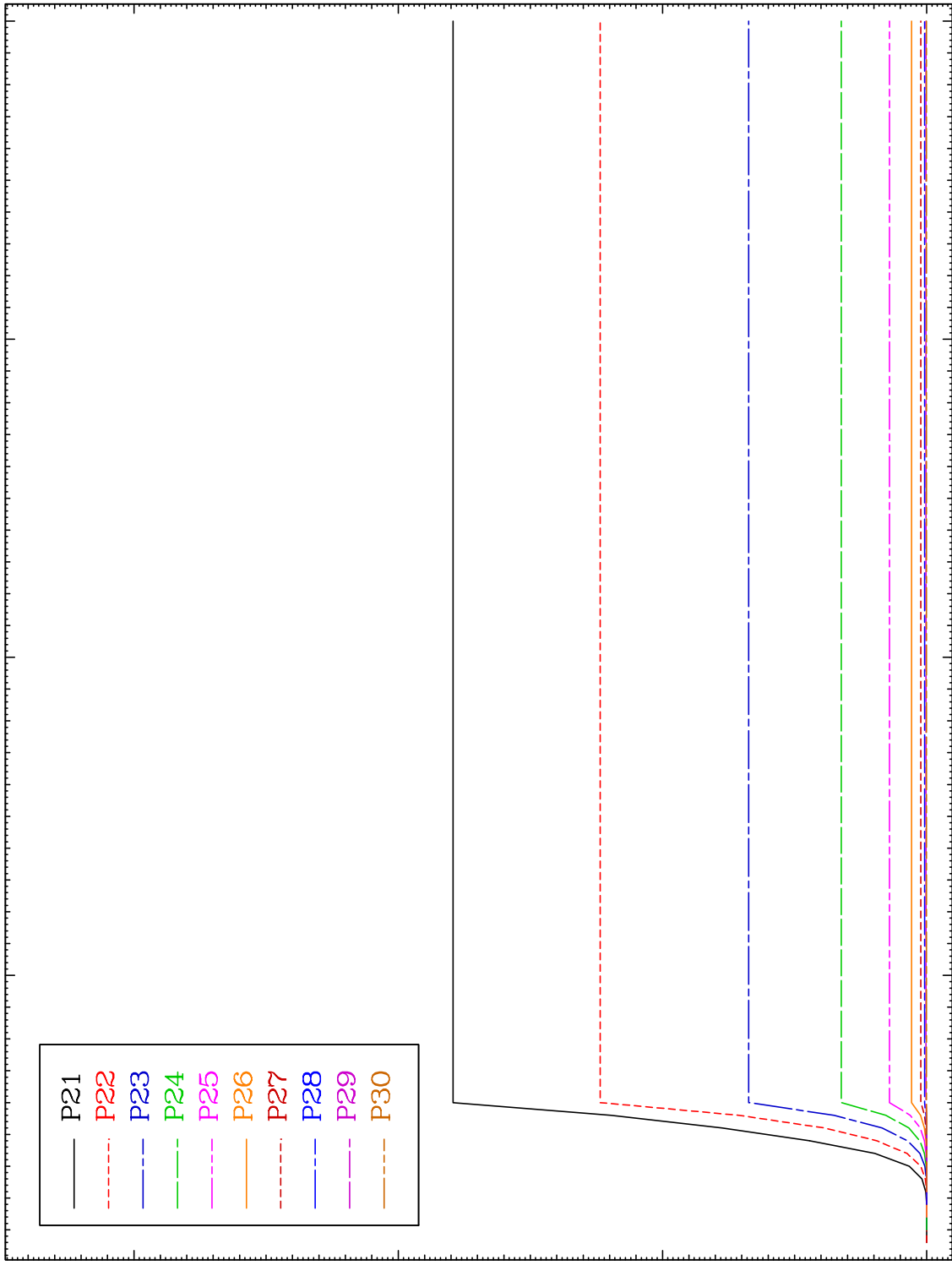
150

200

126

Incident Energy (MeV)

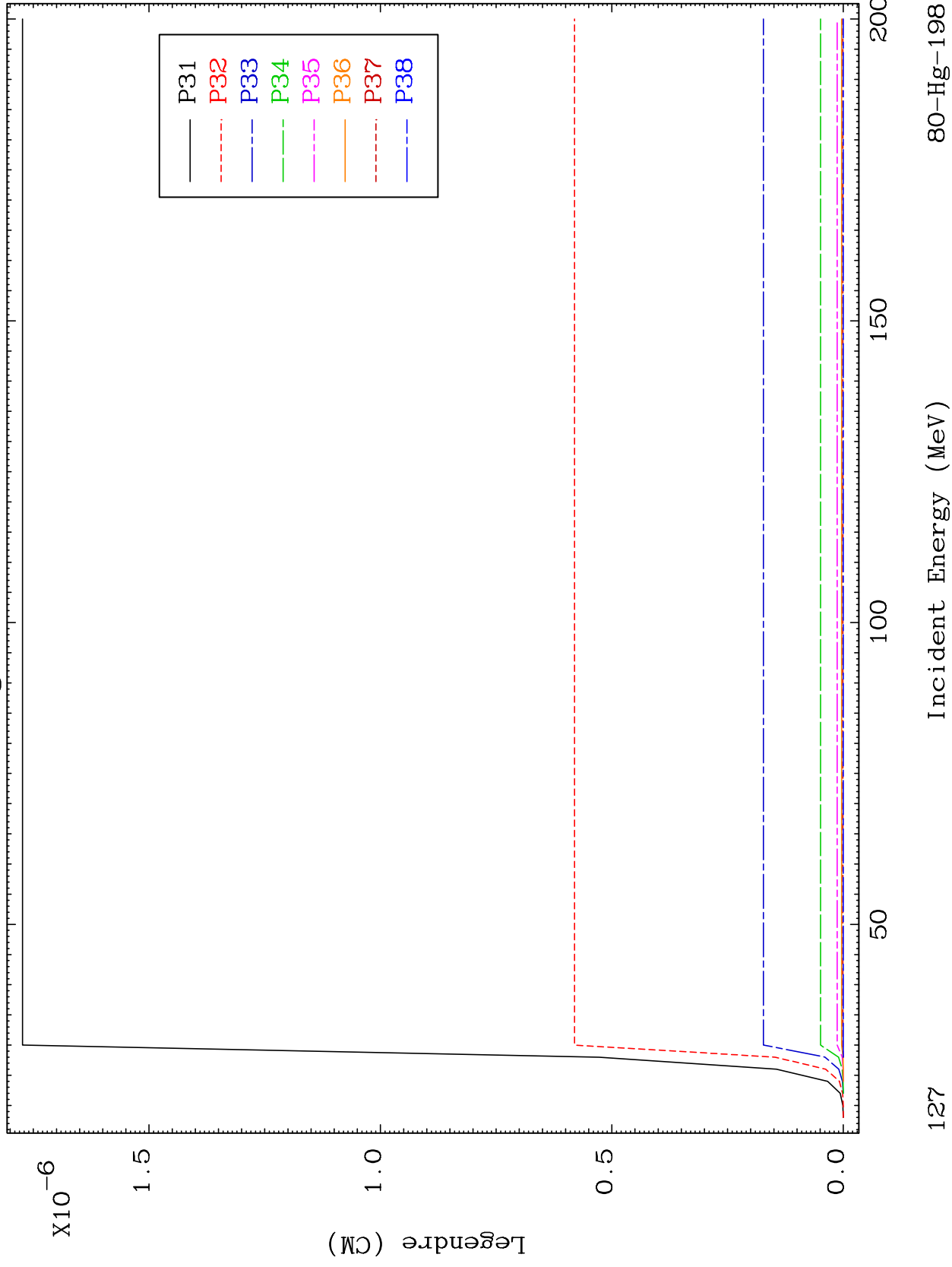
80-Hg-198



MAT 8031

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

80-Hg-198

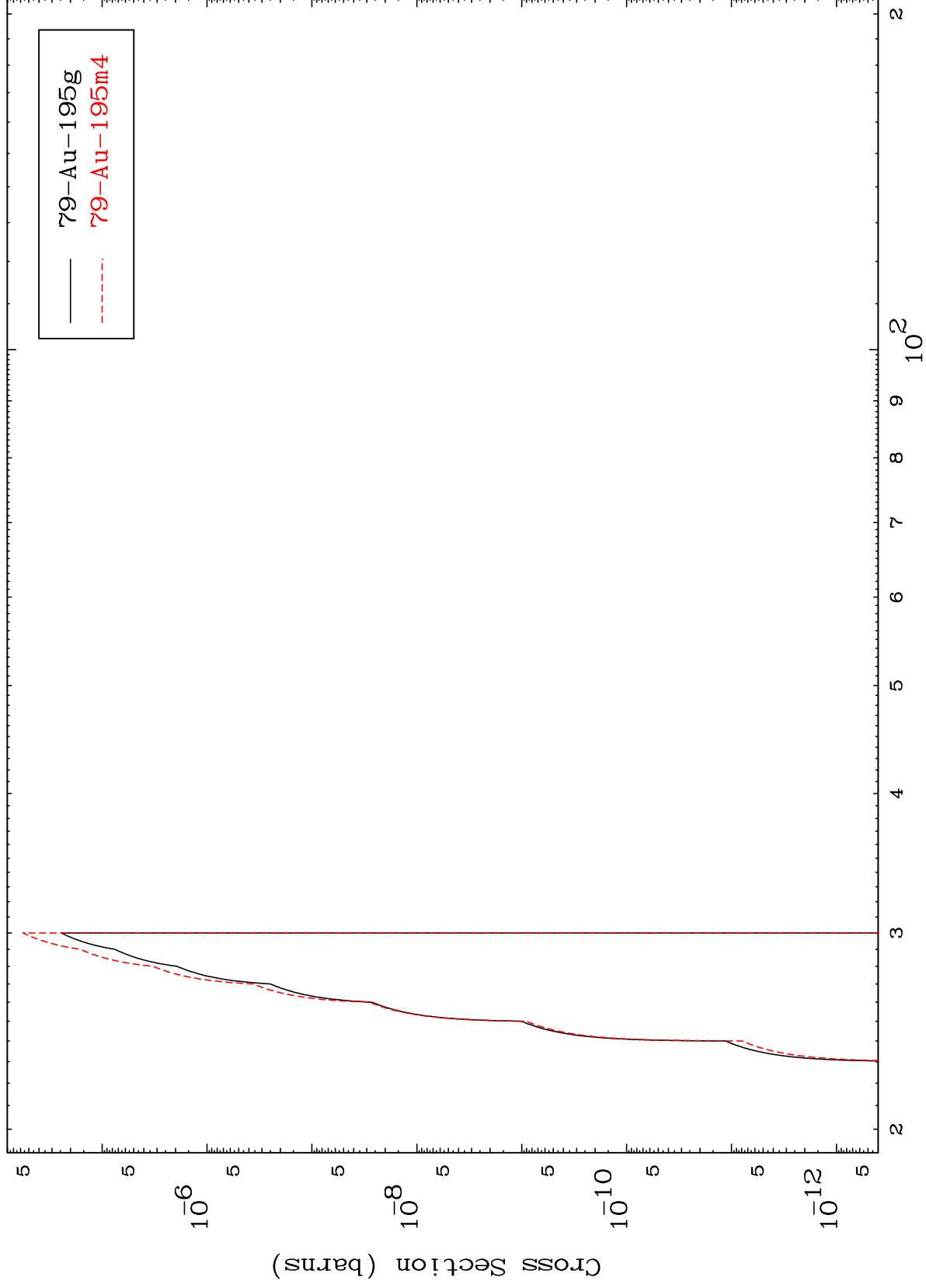


127

Incident Energy (MeV)

80-Hg-198

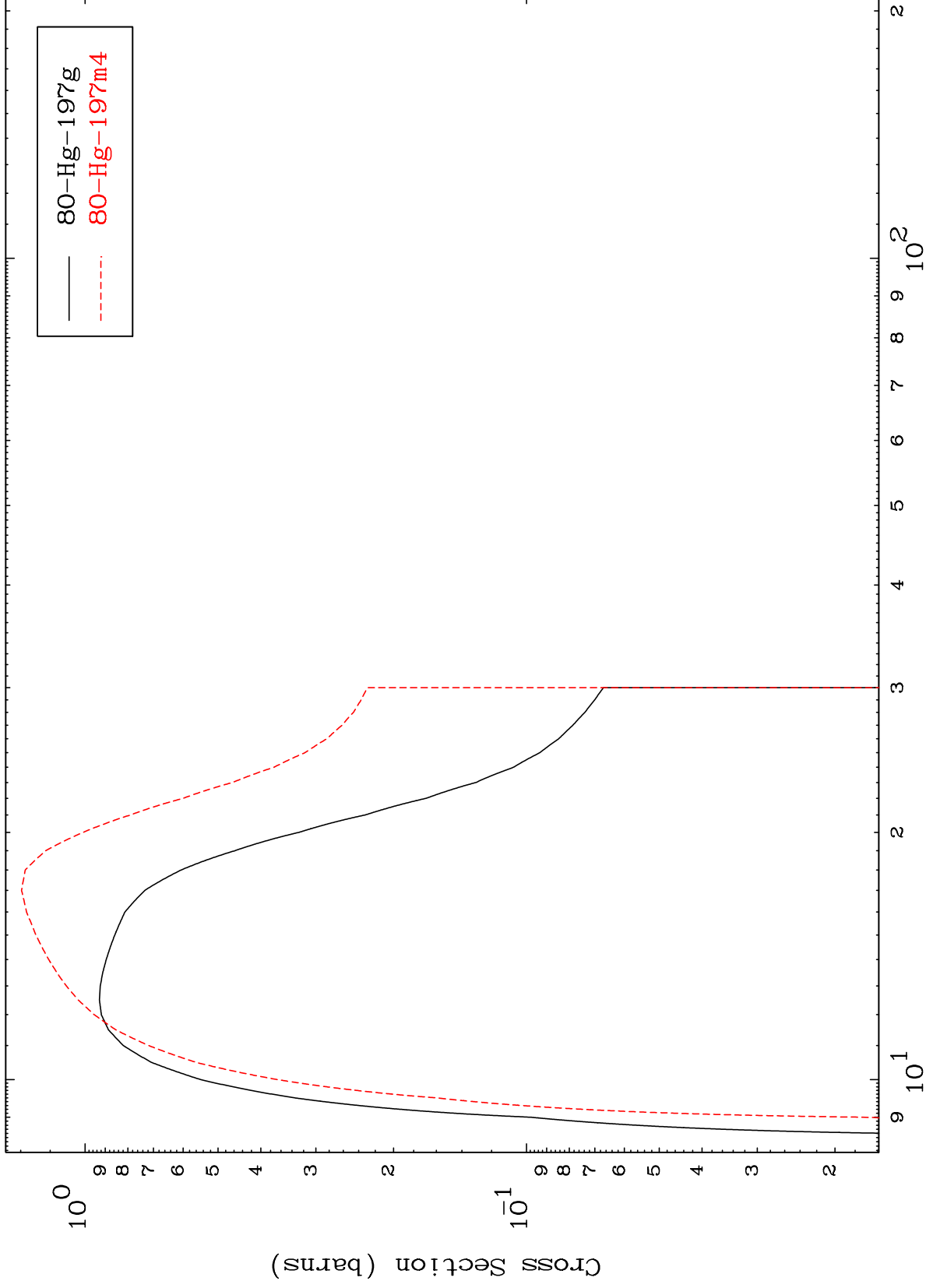
Radionuclide Production Cross Section



MAT 8031

80-Hg-198

(n,2n)
Radionuclide Production Cross Section



129

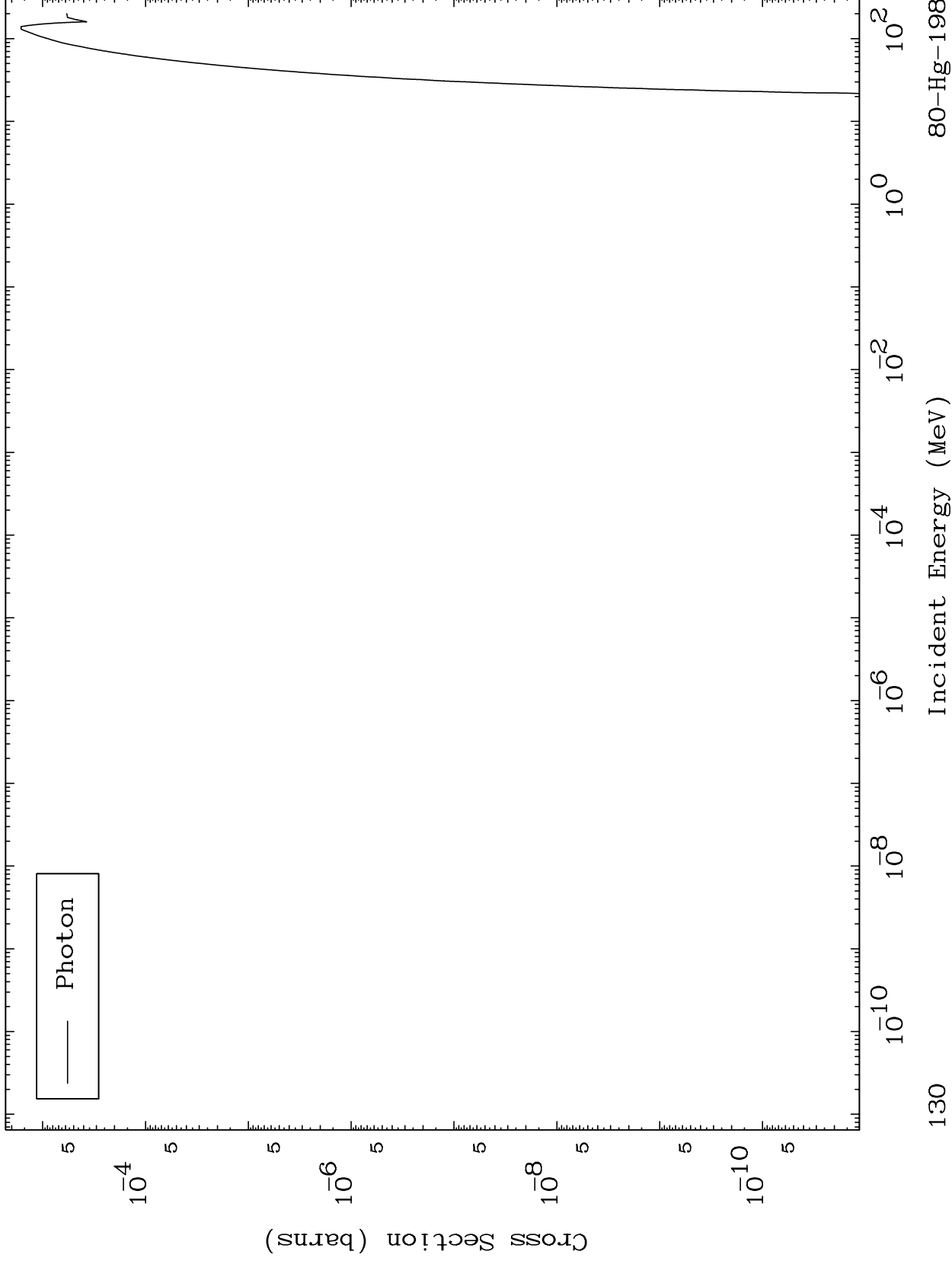
Incident Energy (MeV)

80-Hg-198

MAT 8031

Fission
Radionuclide Production Cross Section

80-Hg-198

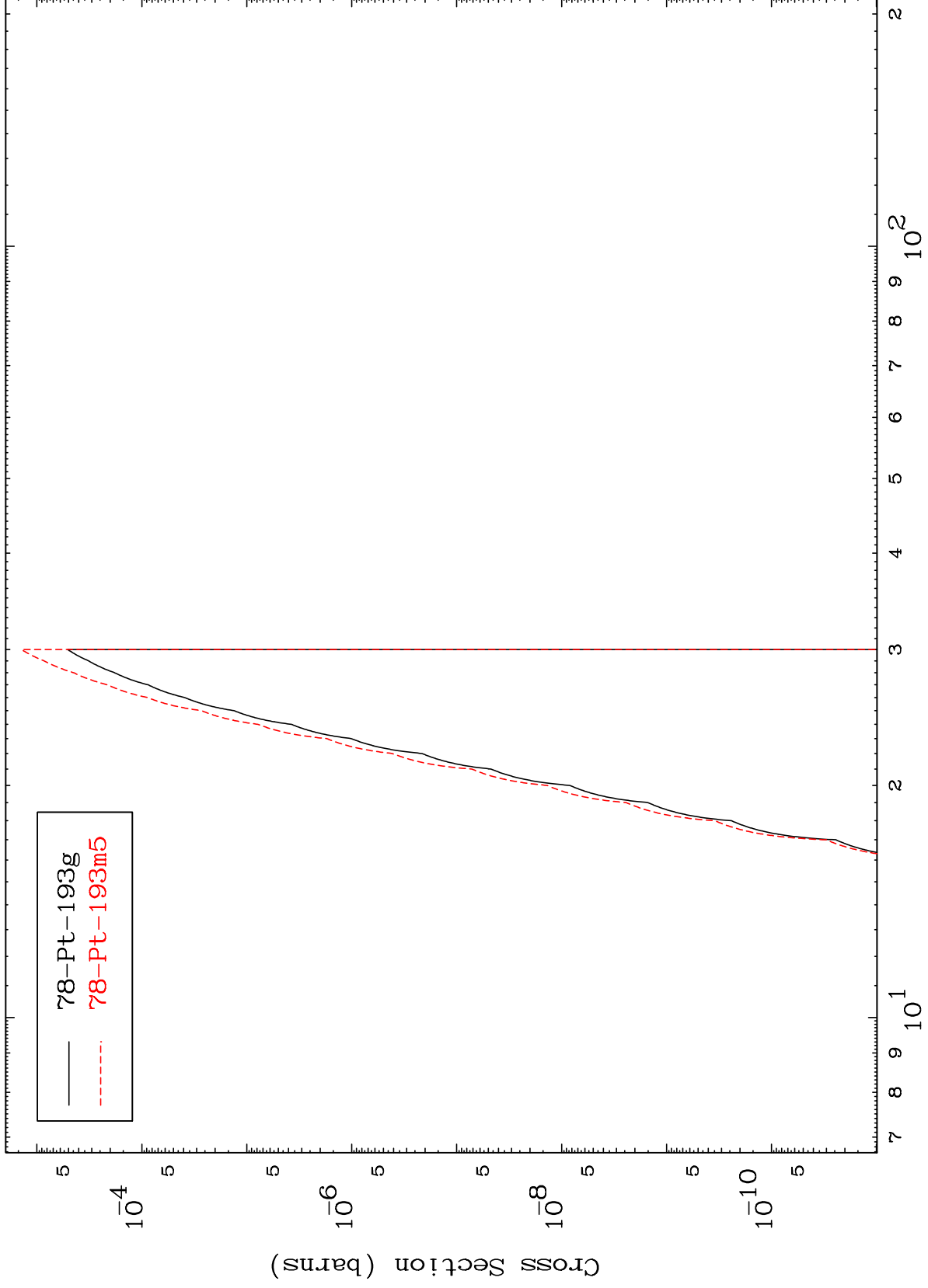


MAT 8031

(n,2n) α

80-Hg-198

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

131

Incident Energy (MeV)

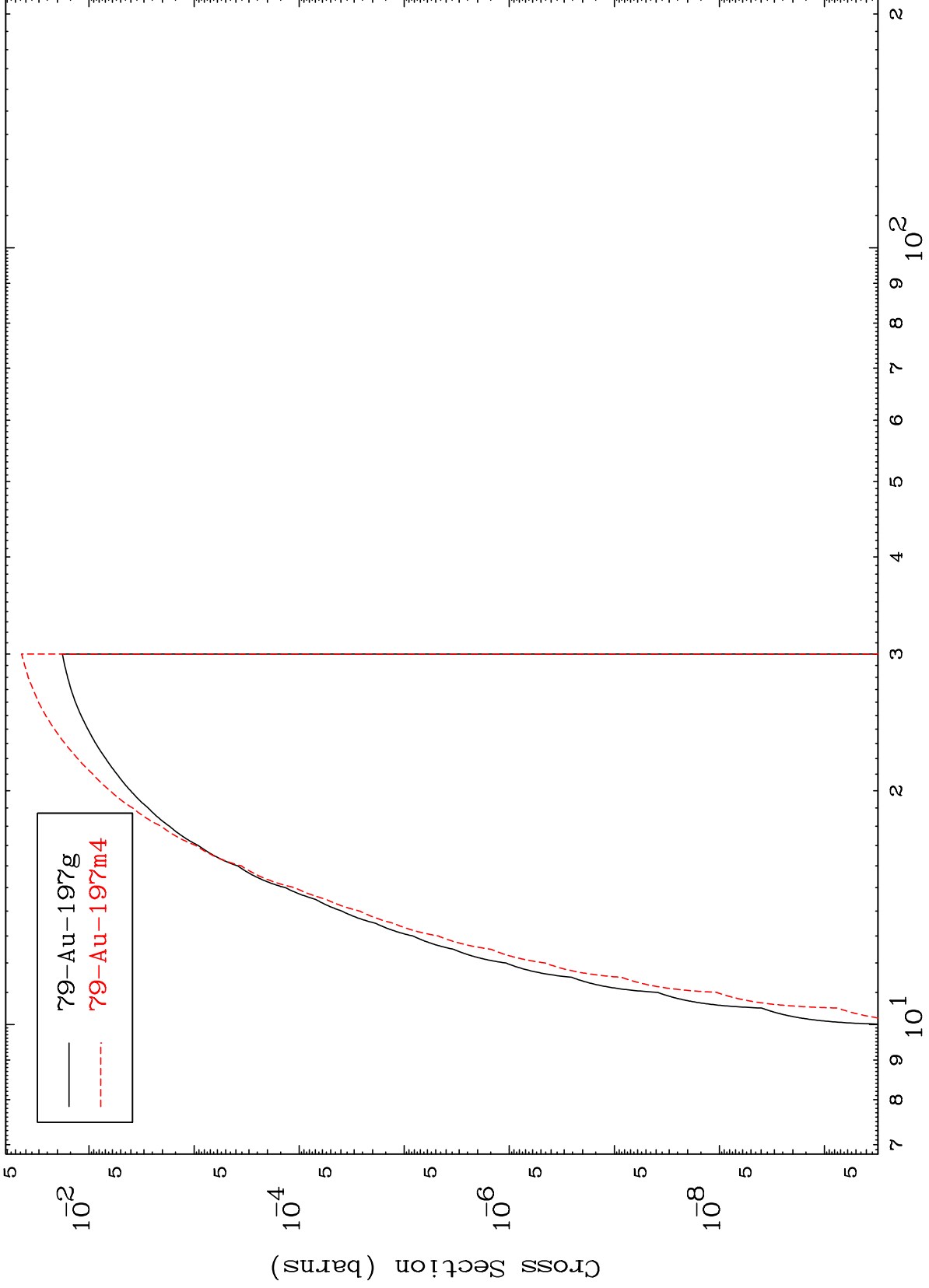
80-Hg-198

MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section

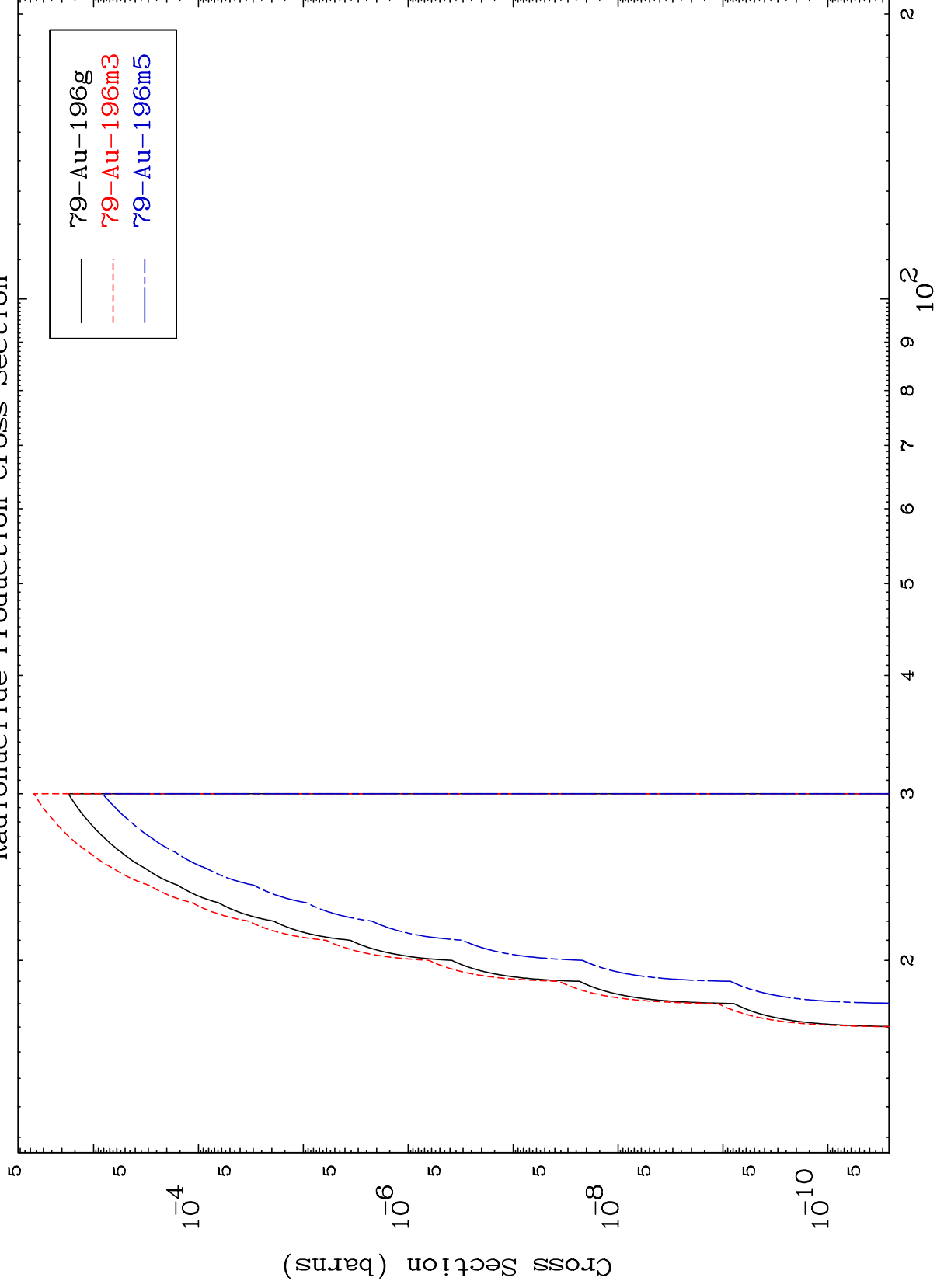


132

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section

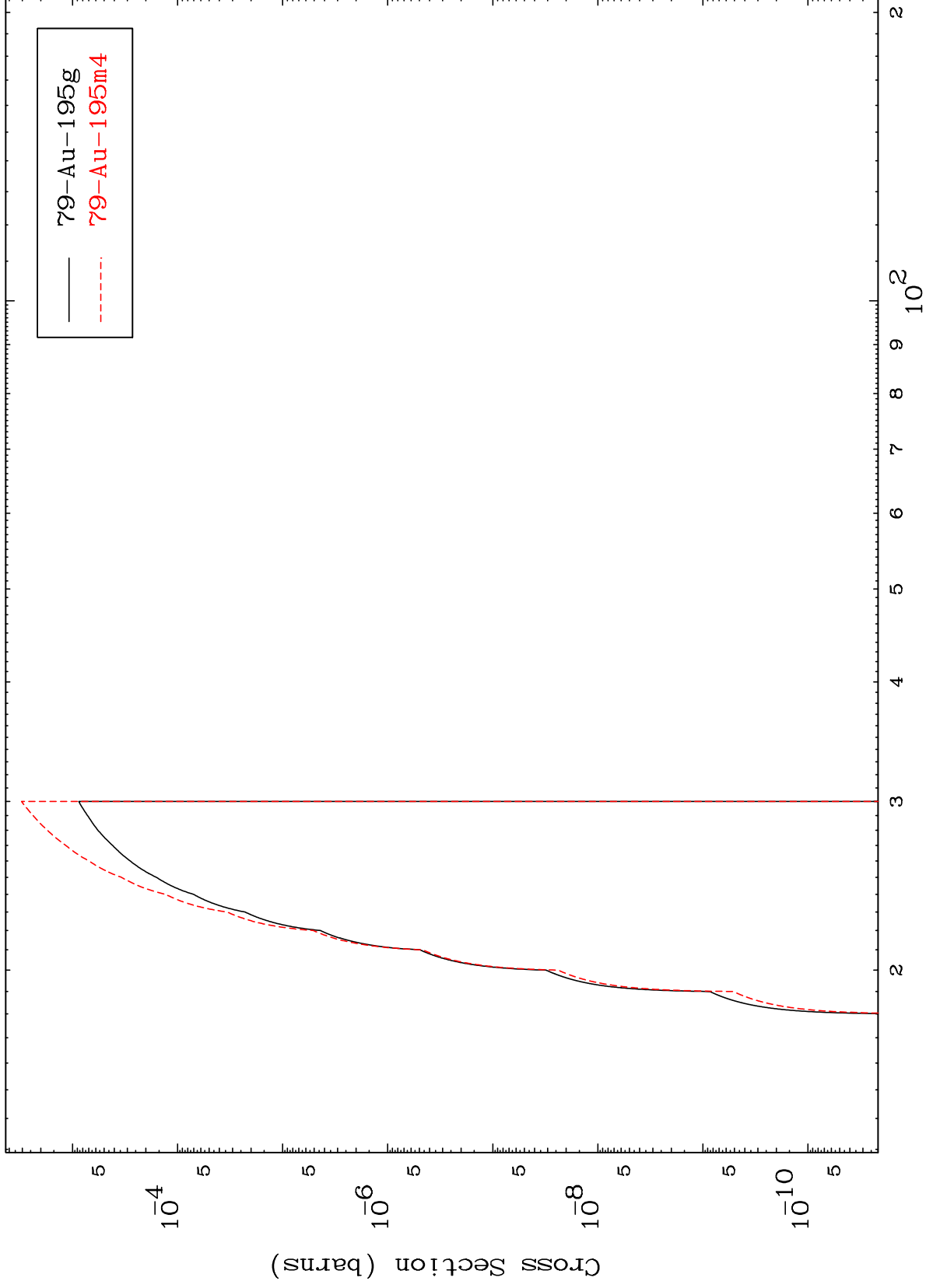


MAT 8031

(n,n') t

80-Hg-198

Radionuclide Production Cross Section



134

Incident Energy (MeV)

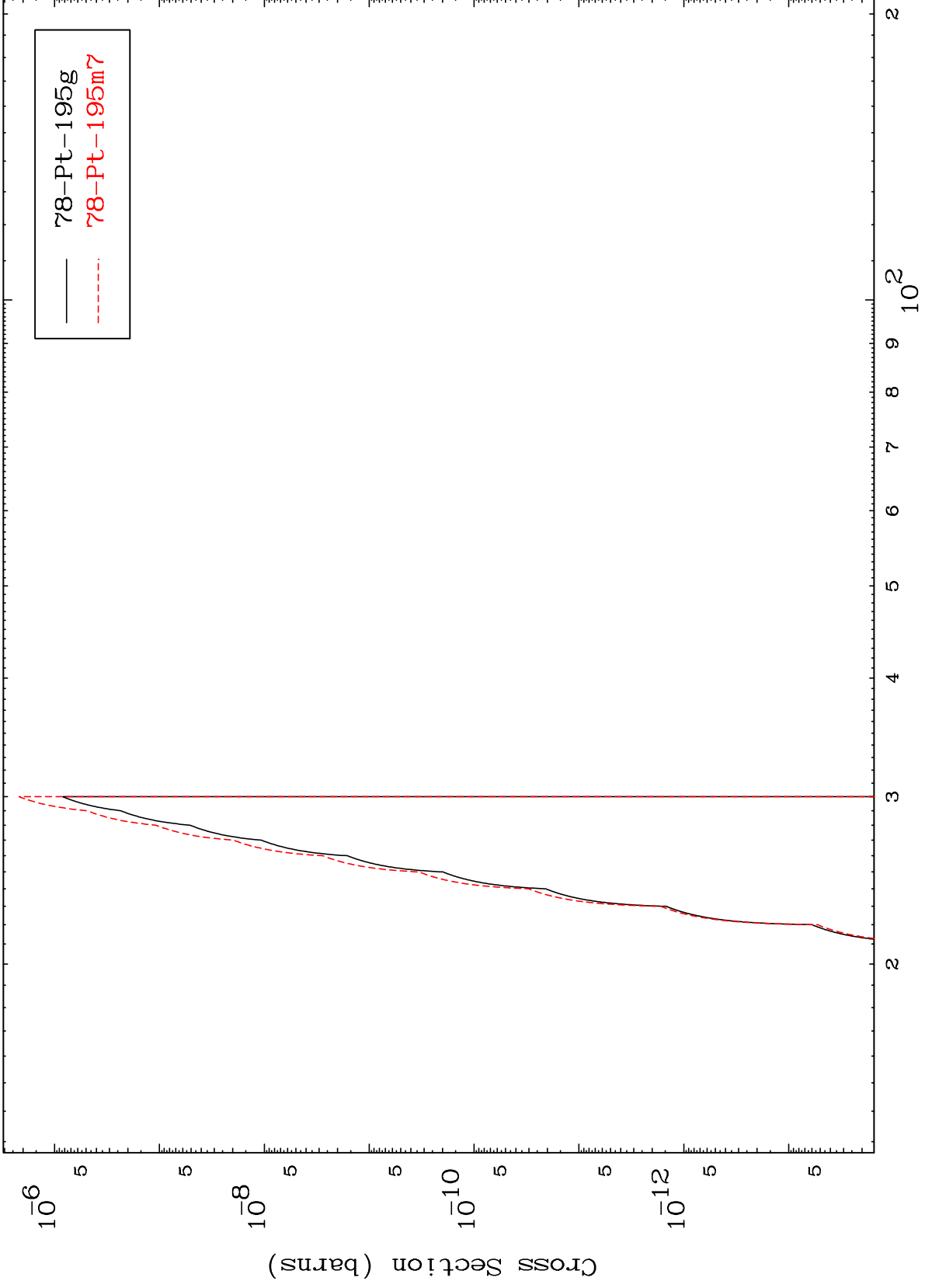
80-Hg-198

MAT 8031

(n,n') He-3

80-Hg-198

Radionuclide Production Cross Section



135

Incident Energy (MeV)

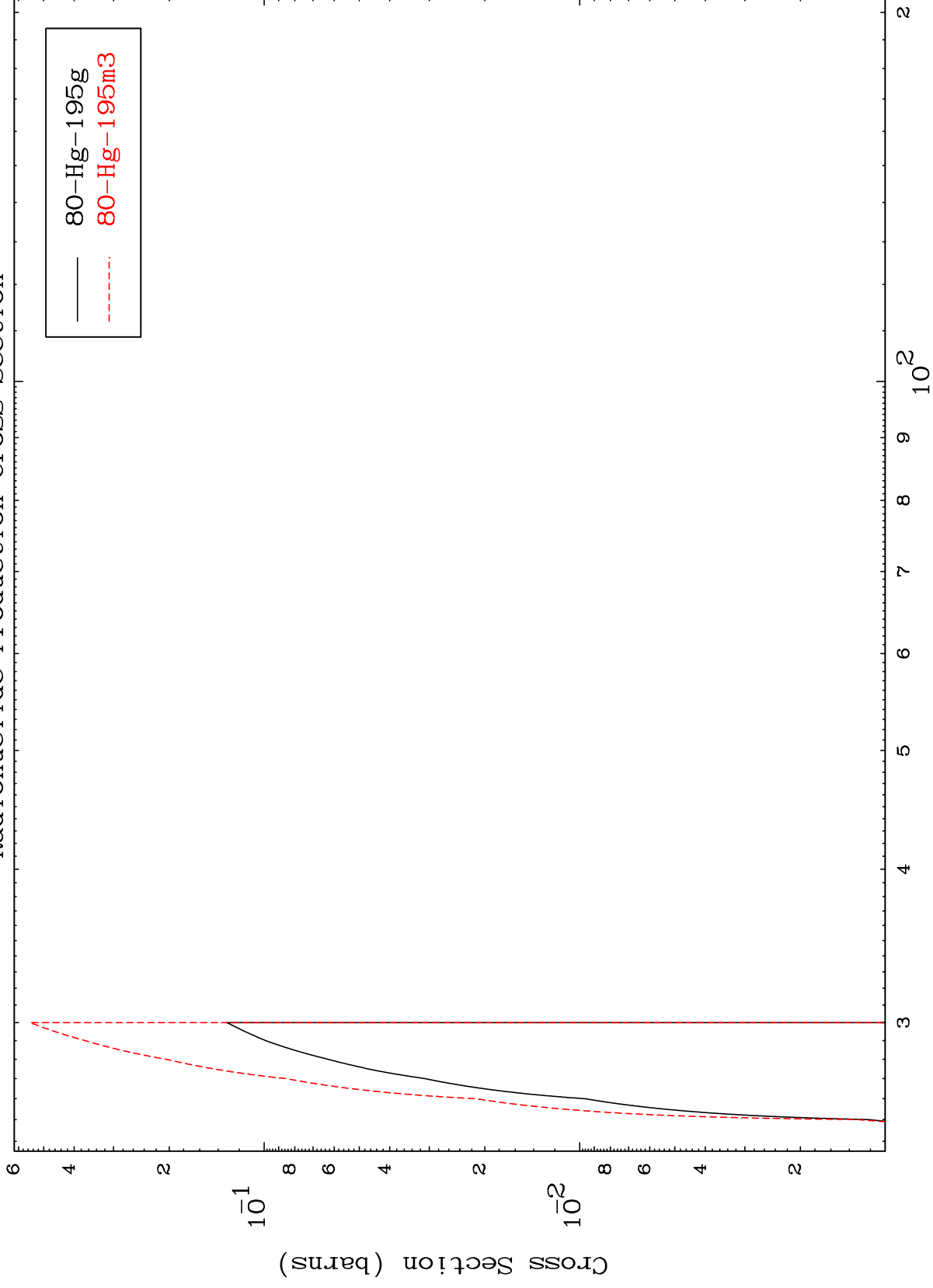
80-Hg-198

MAT 8031

(n,4n)

80-Hg-198

Radionuclide Production Cross Section



136

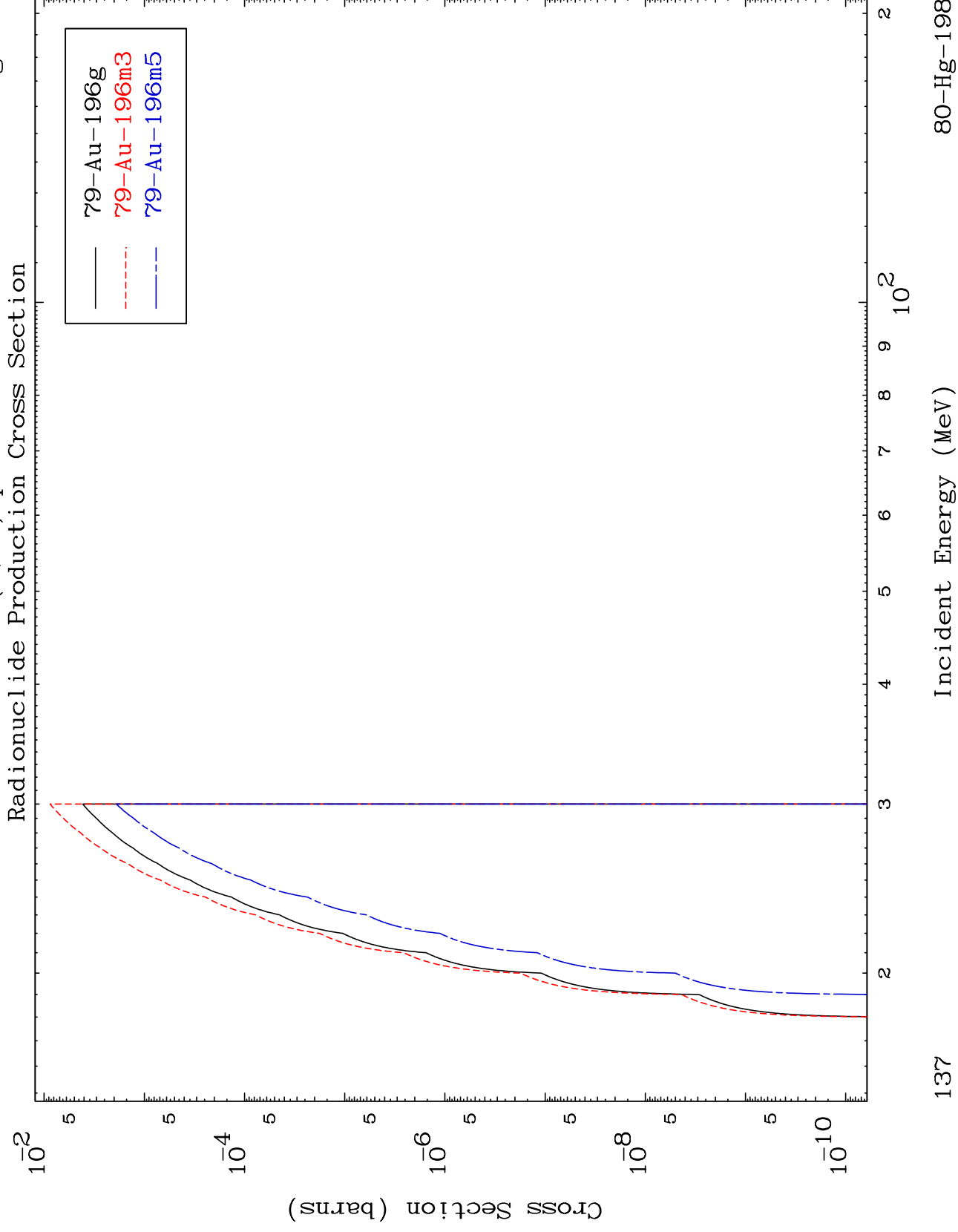
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,2n) p

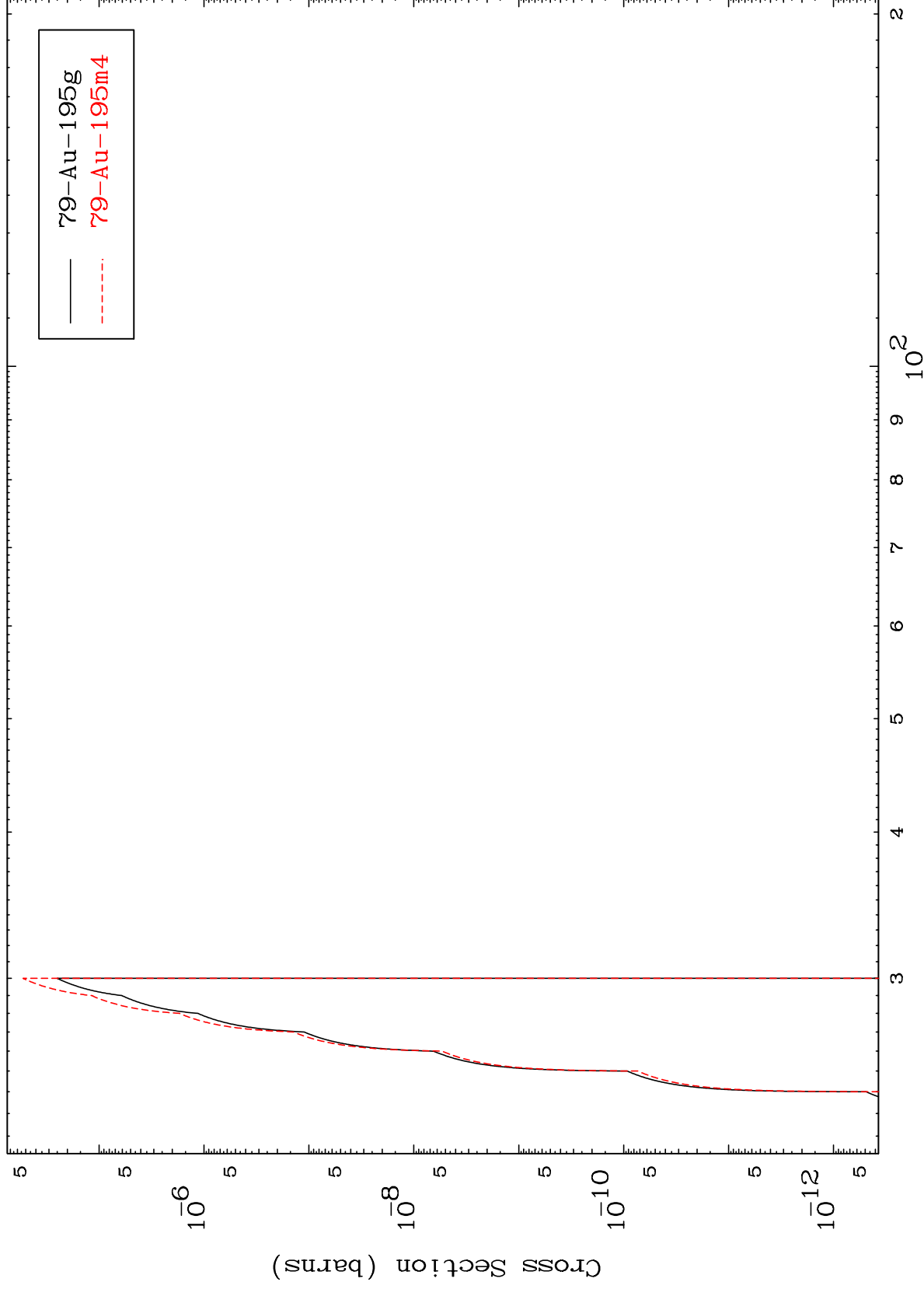
80-Hg-198



137

80-Hg-198

Radionuclide Production Cross Section

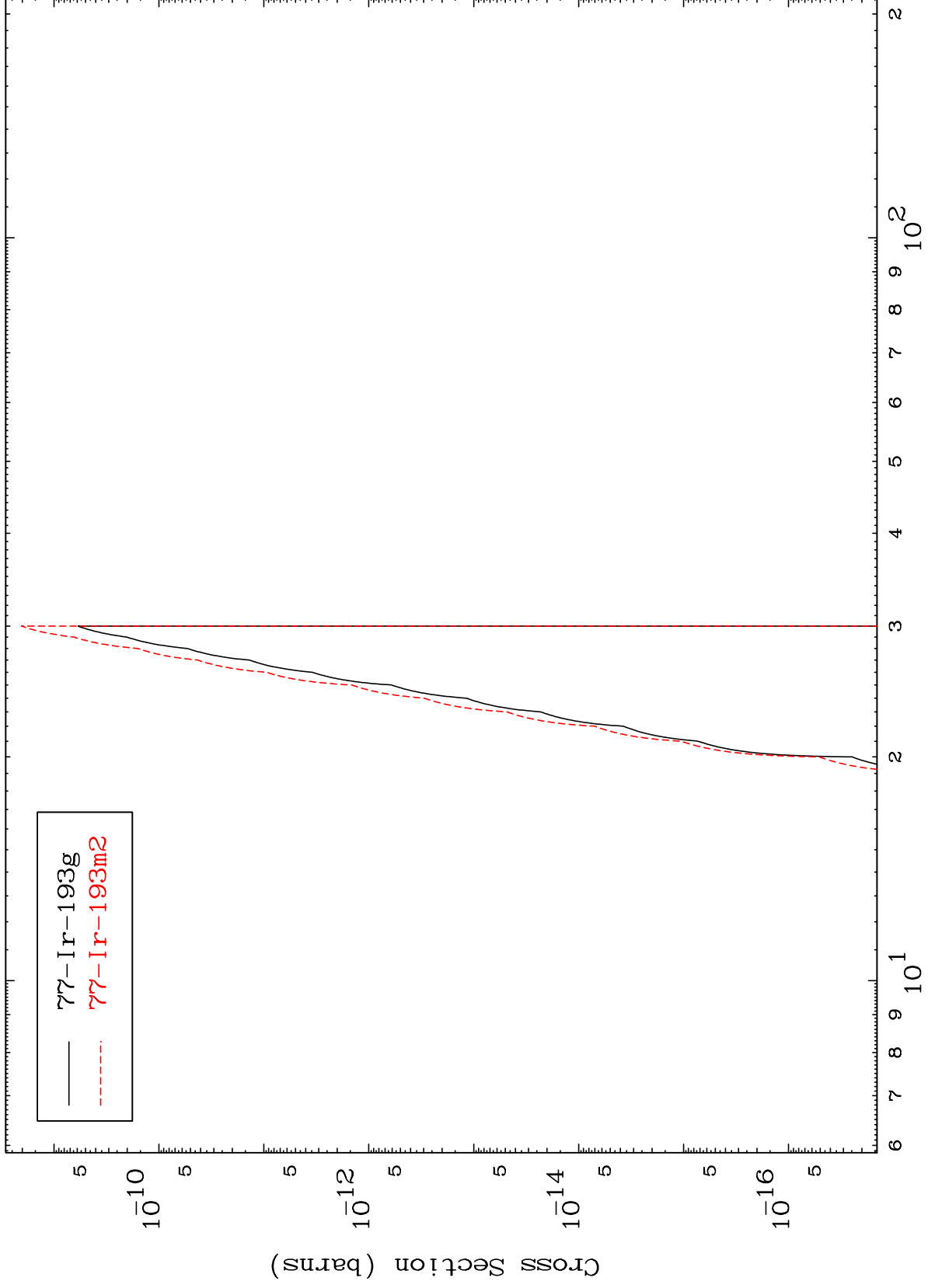


MAT 8031

(n,n') p α

80-Hg-198

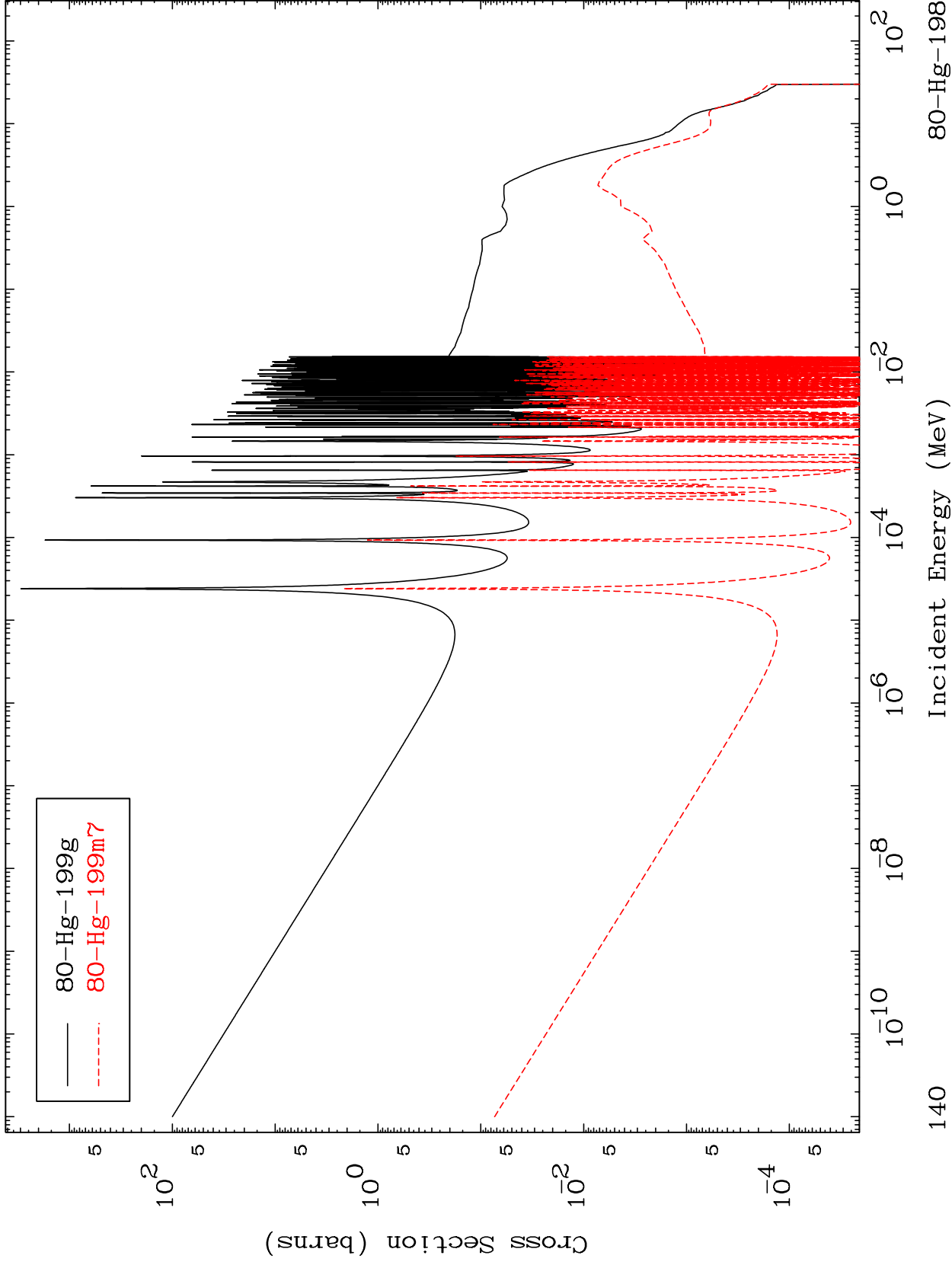
Radionuclide Production Cross Section



MAT 8031

80-Hg-198

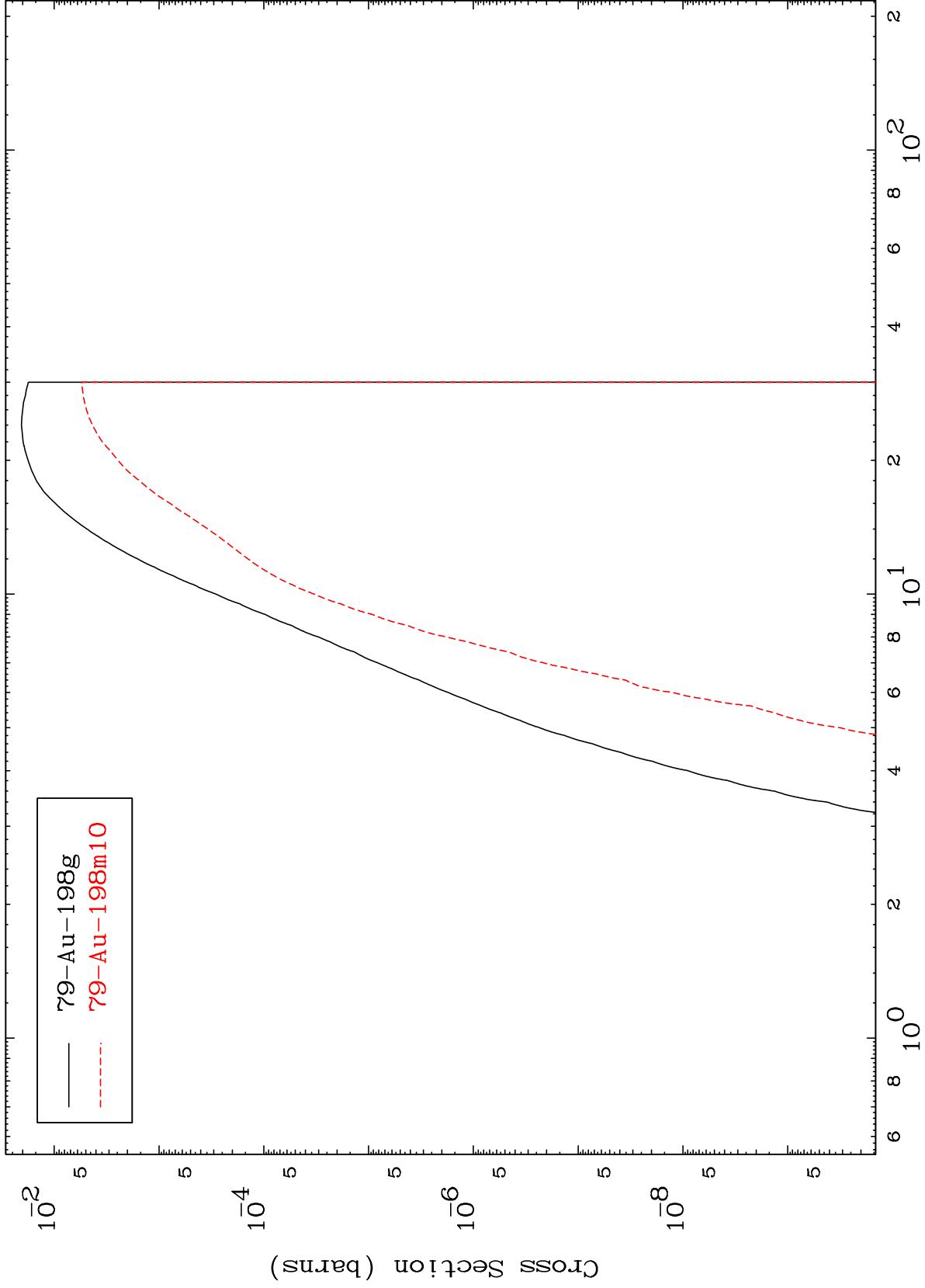
Radionuclide Production Cross Section
(n, γ)



MAT 8031

80-Hg-198

(n,p)
Radionuclide Production Cross Section



141

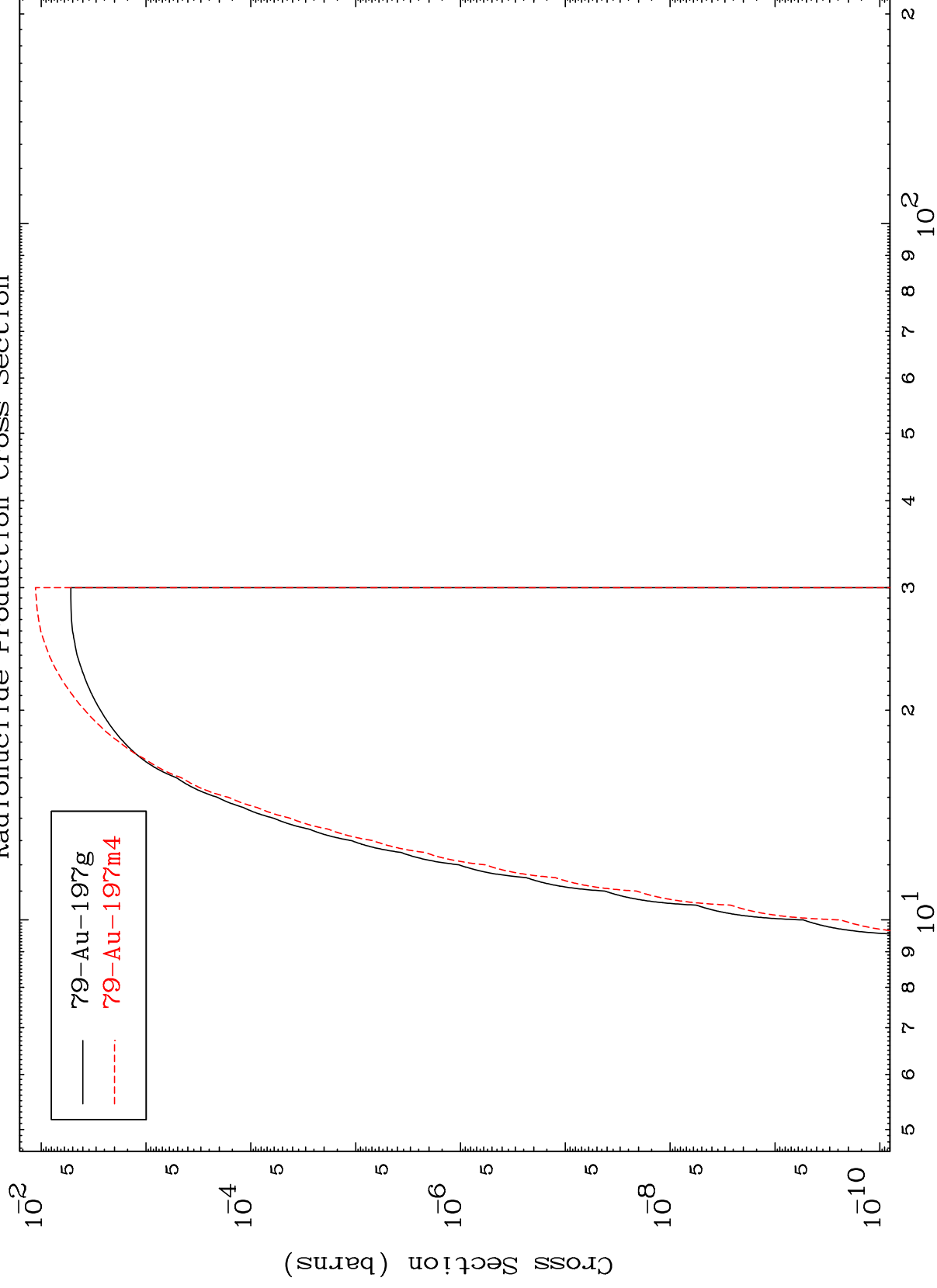
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,d)
Radionuclide Production Cross Section



142

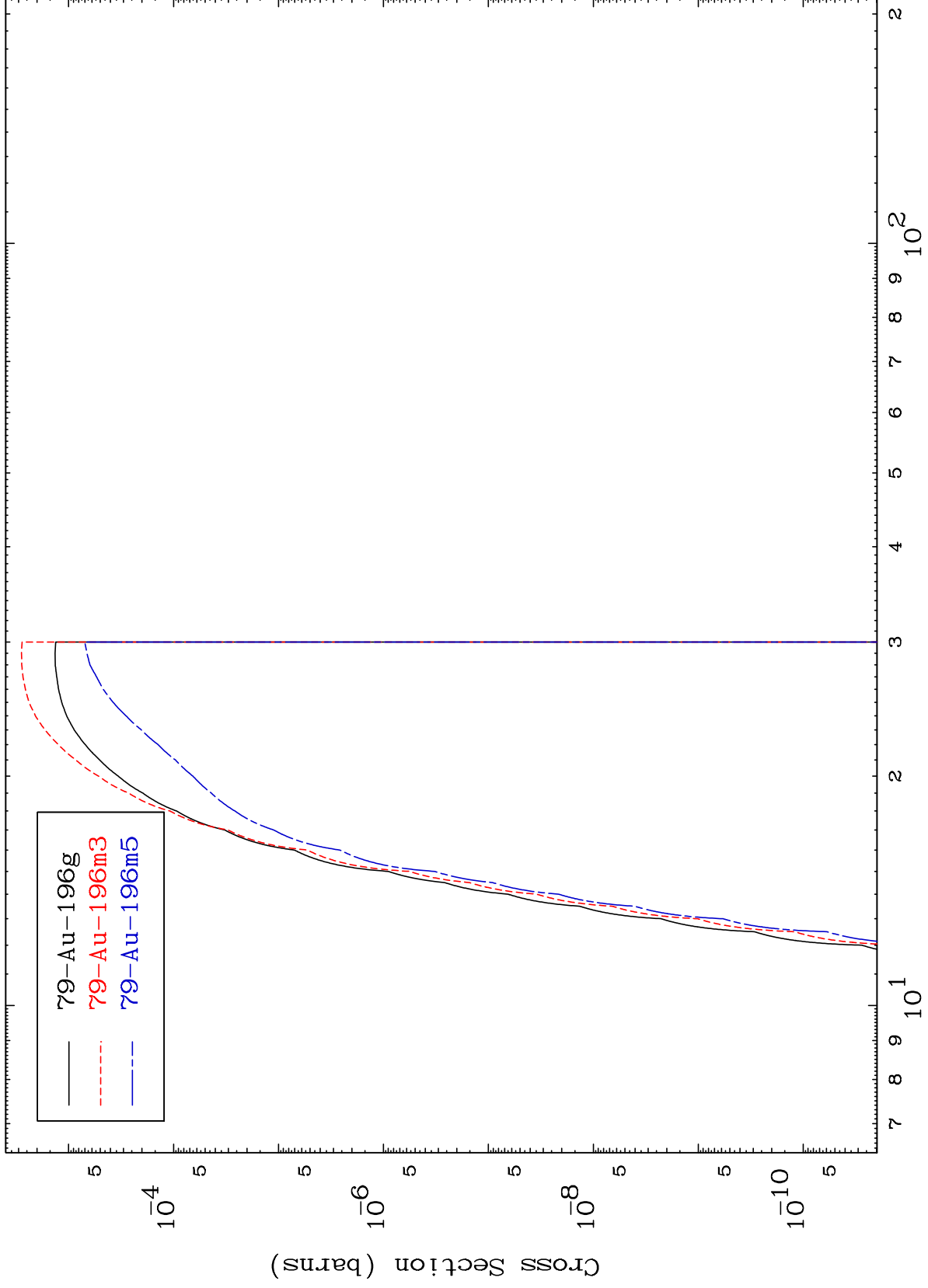
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

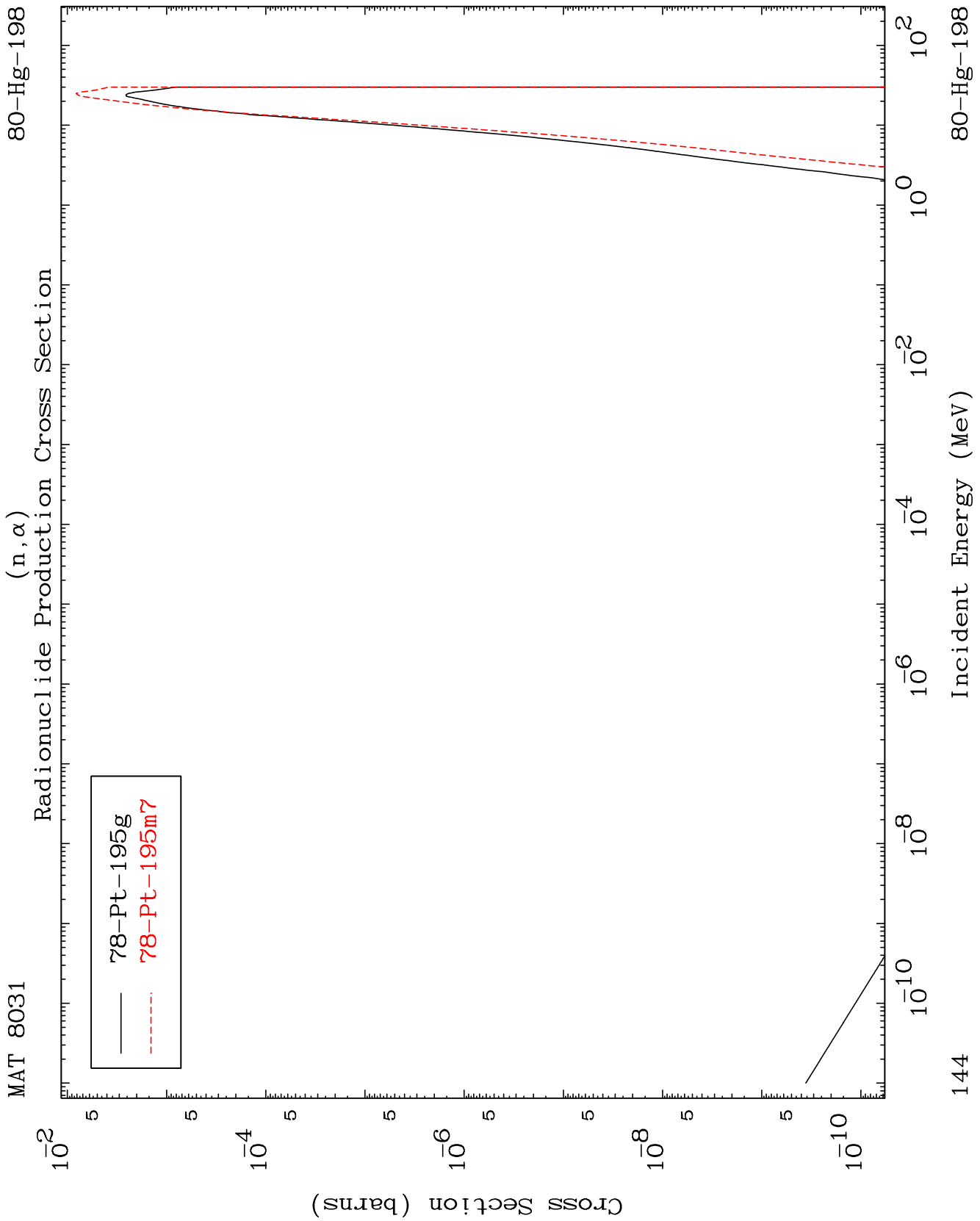
(n,t)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

80-Hg-198

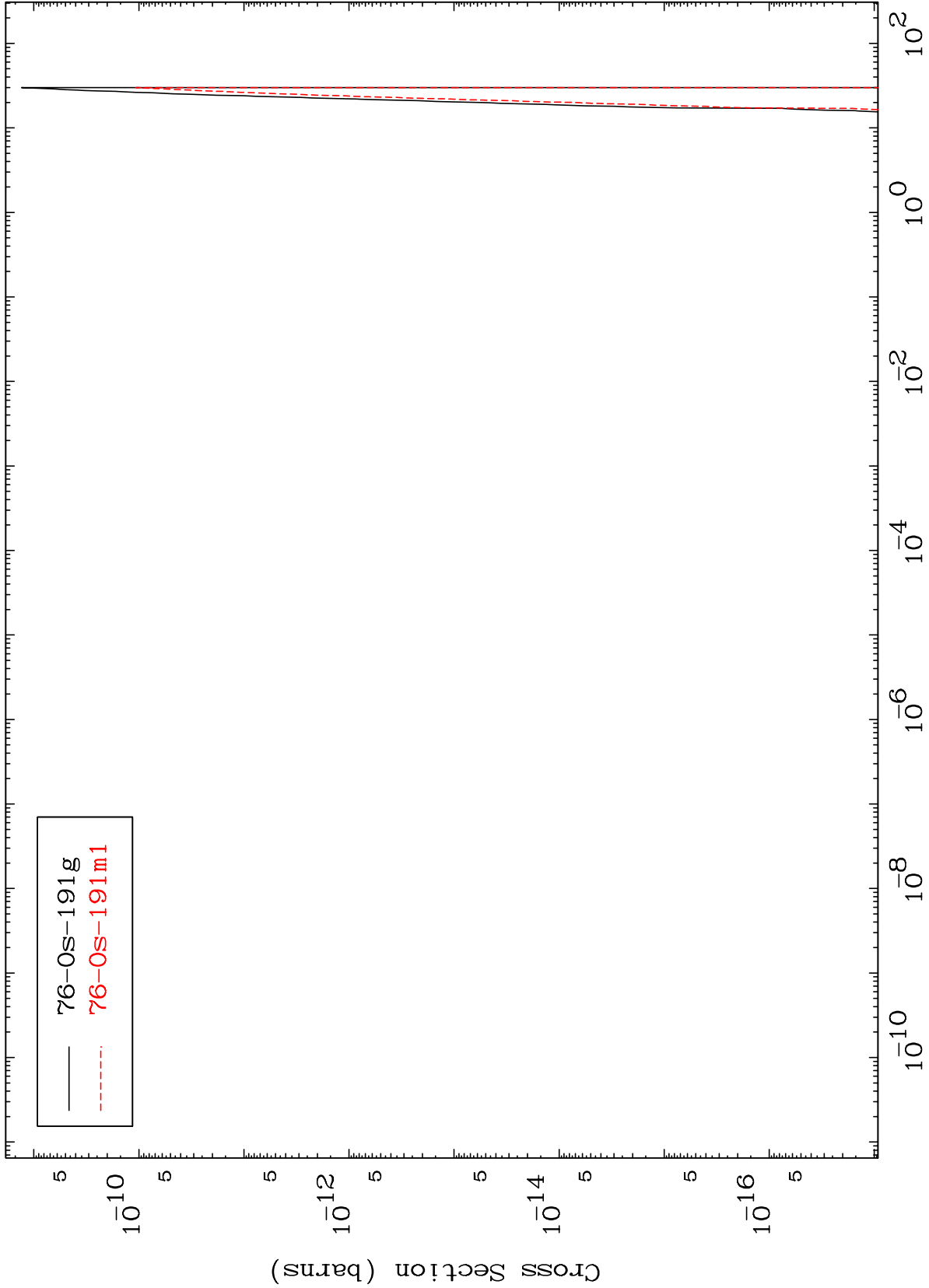


MAT 8031

(n,2α)

80-Hg-198

Radionuclide Production Cross Section

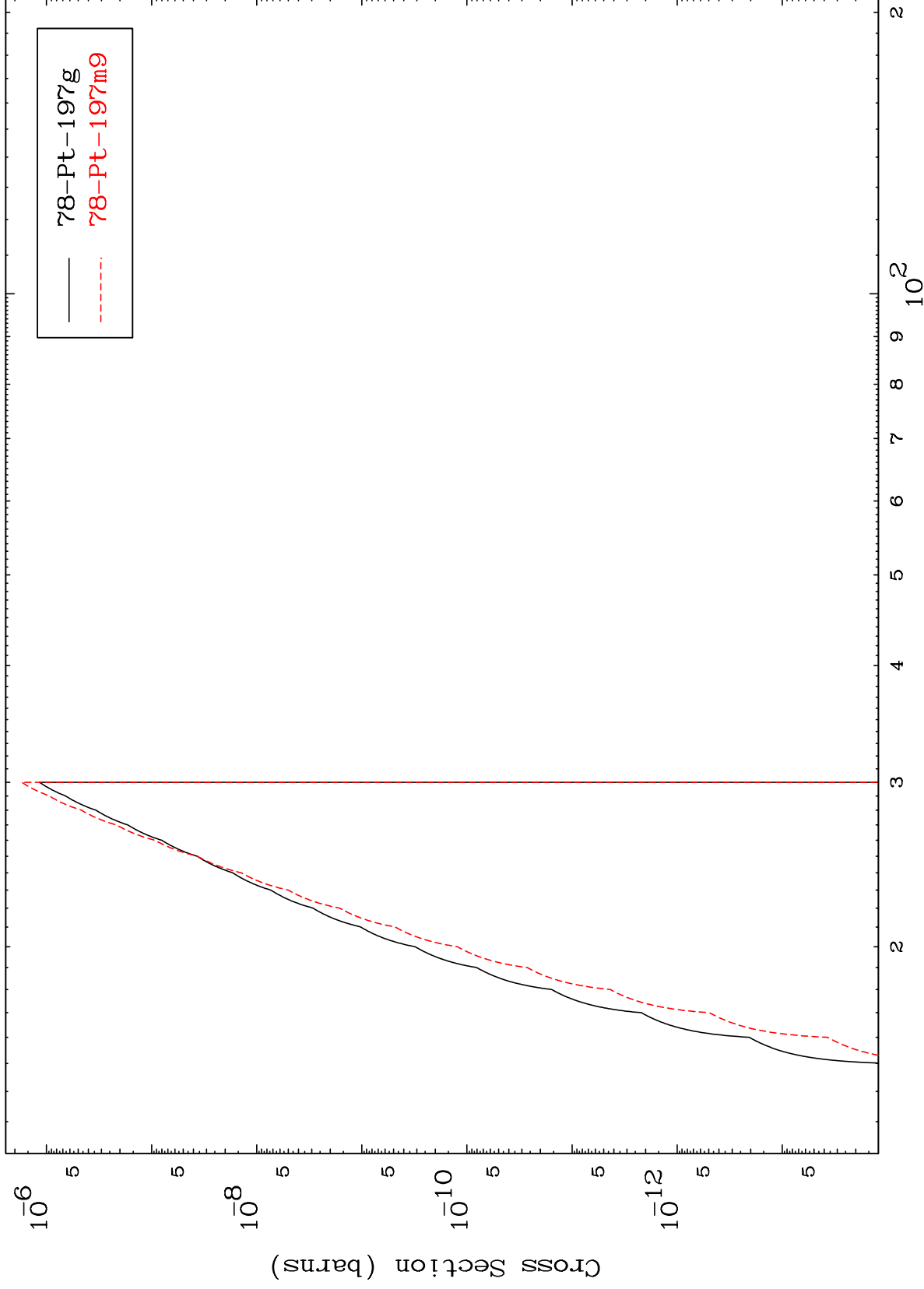


76-0s-191g
76-0s-191m1

MAT 8031

80-Hg-198

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

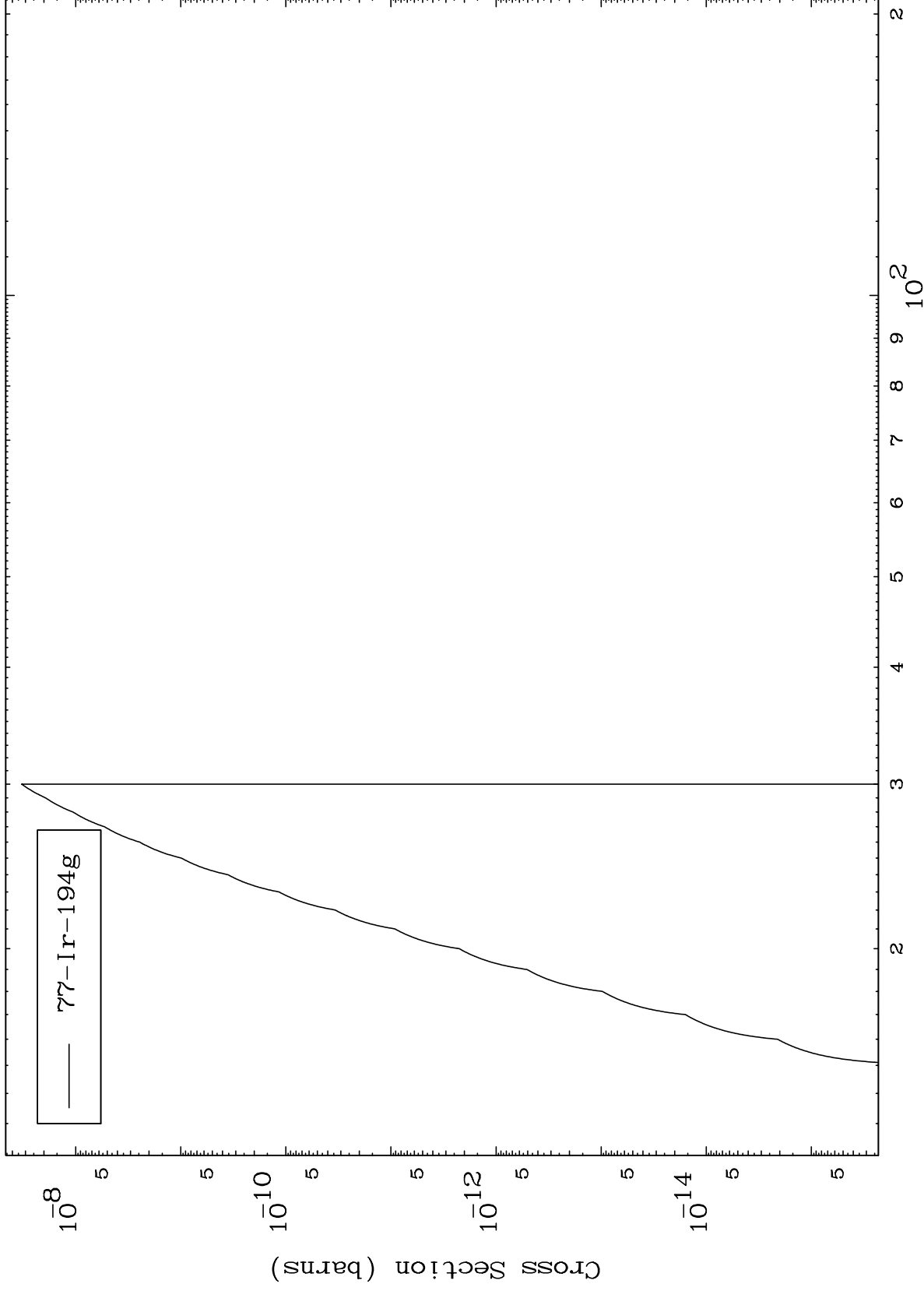
80-Hg-198

MAT 8031

(n,p) α

80-Hg-198

Radionuclide Production Cross Section



147

Incident Energy (MeV)

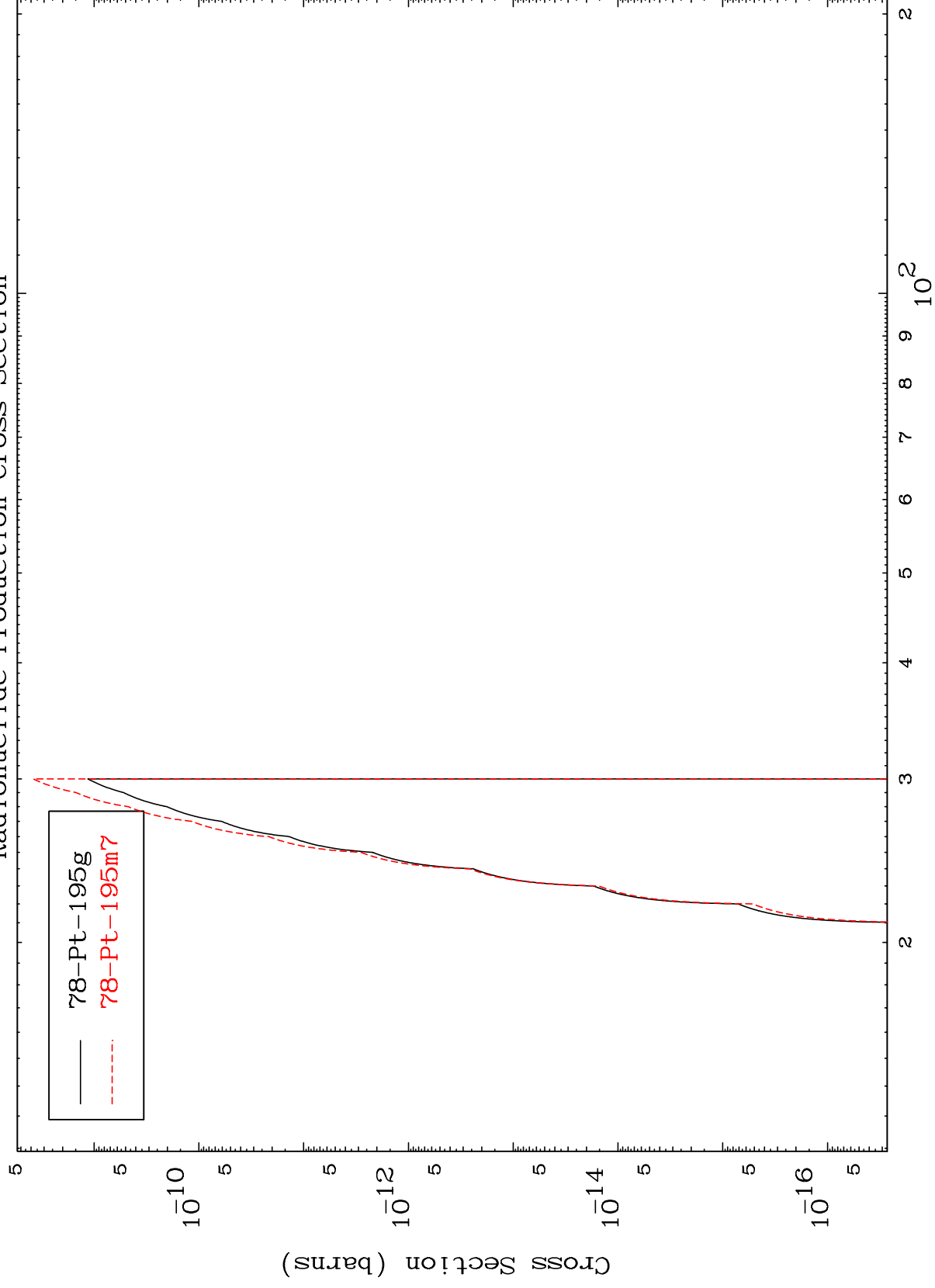
80-Hg-198

MAT 8031

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80-Hg-198

Radionuclide Production Cross Section



148

Incident Energy (MeV)

80-Hg-198