

Program EVALPLOT
(Version 2021-1)

by

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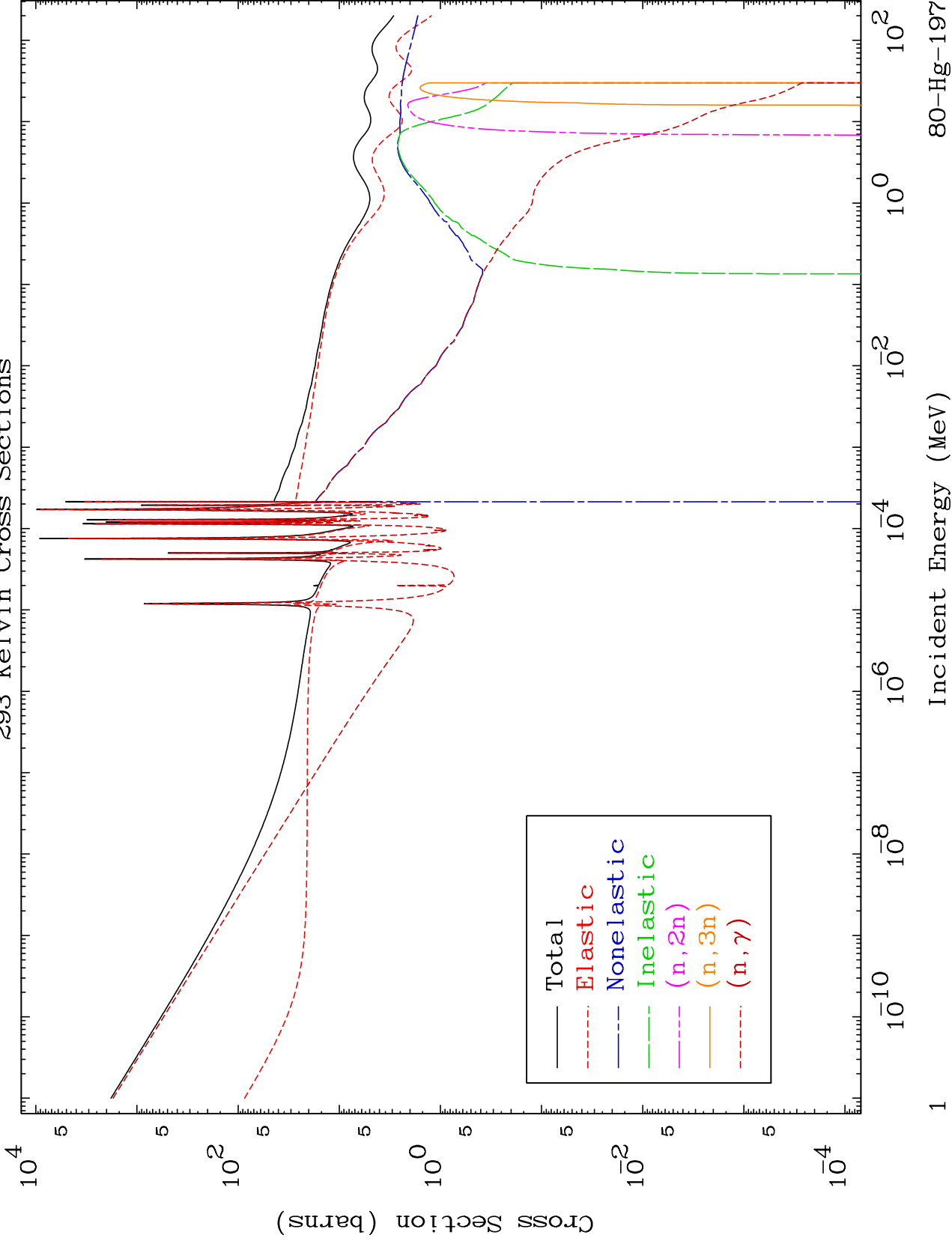
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8028

Neutron Major
293 Kelvin Cross Sections

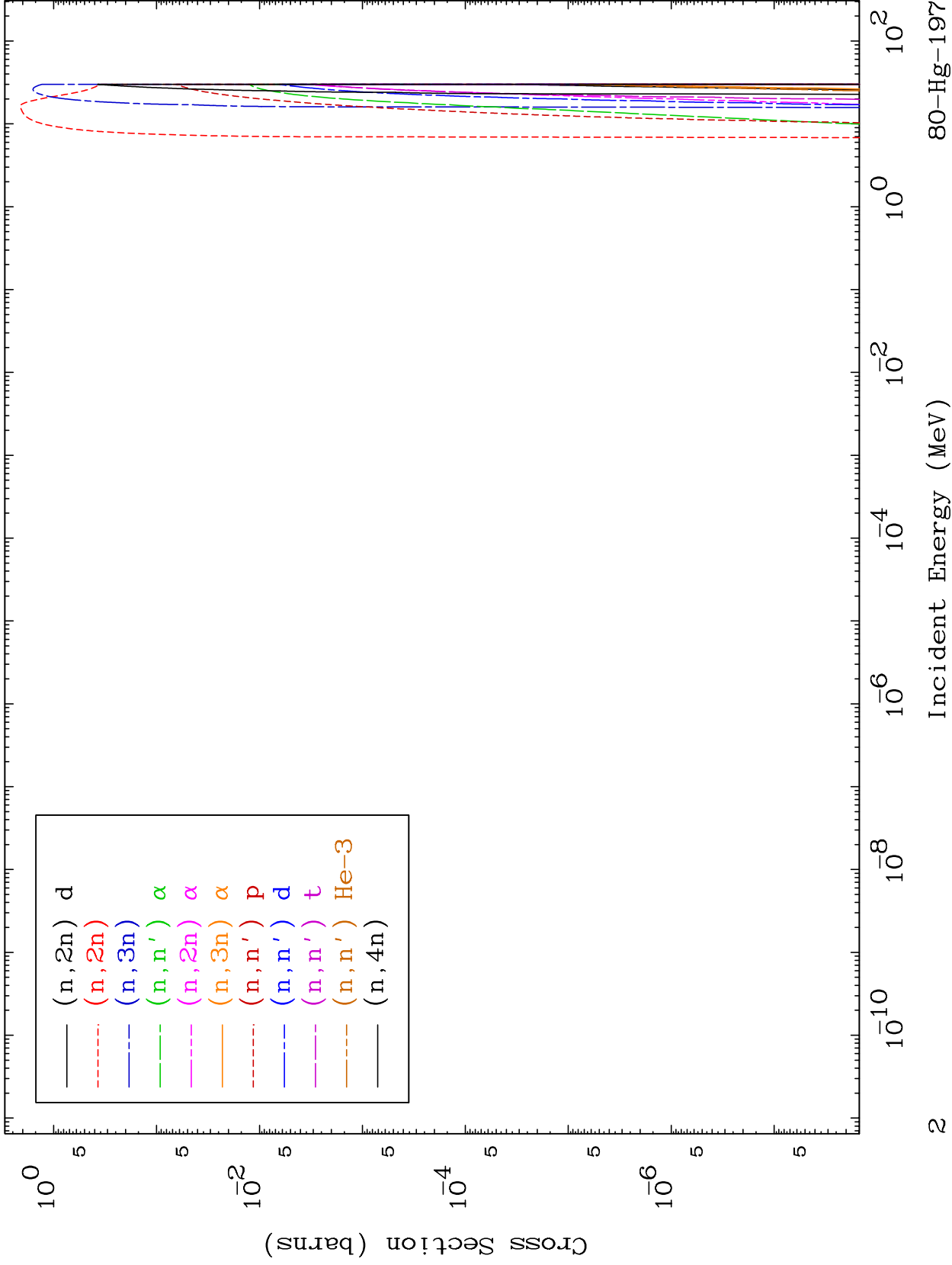
80-Hg-197



MAT 8028

Neutron Absorption
293 Kelvin Cross Sections

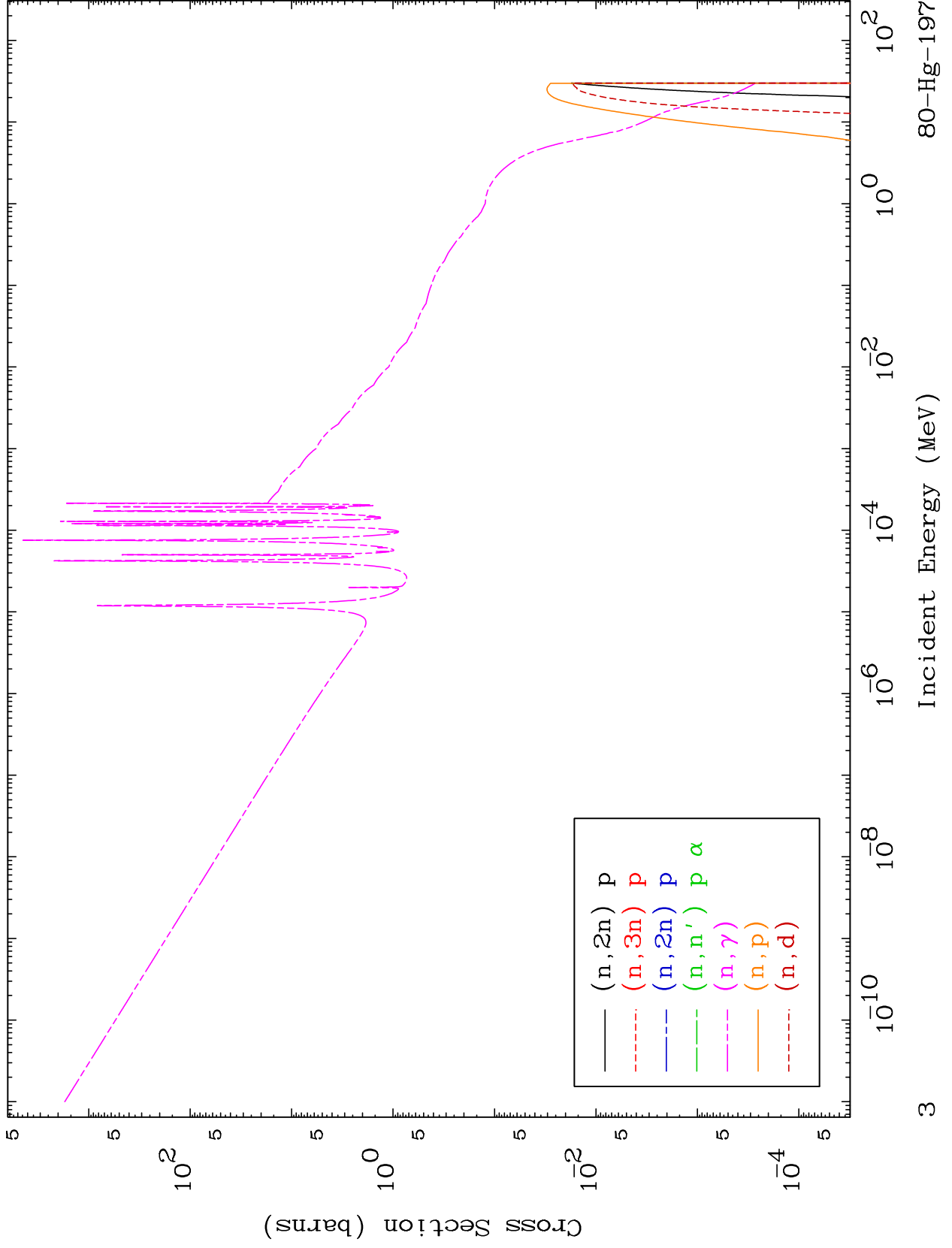
80-Hg-197

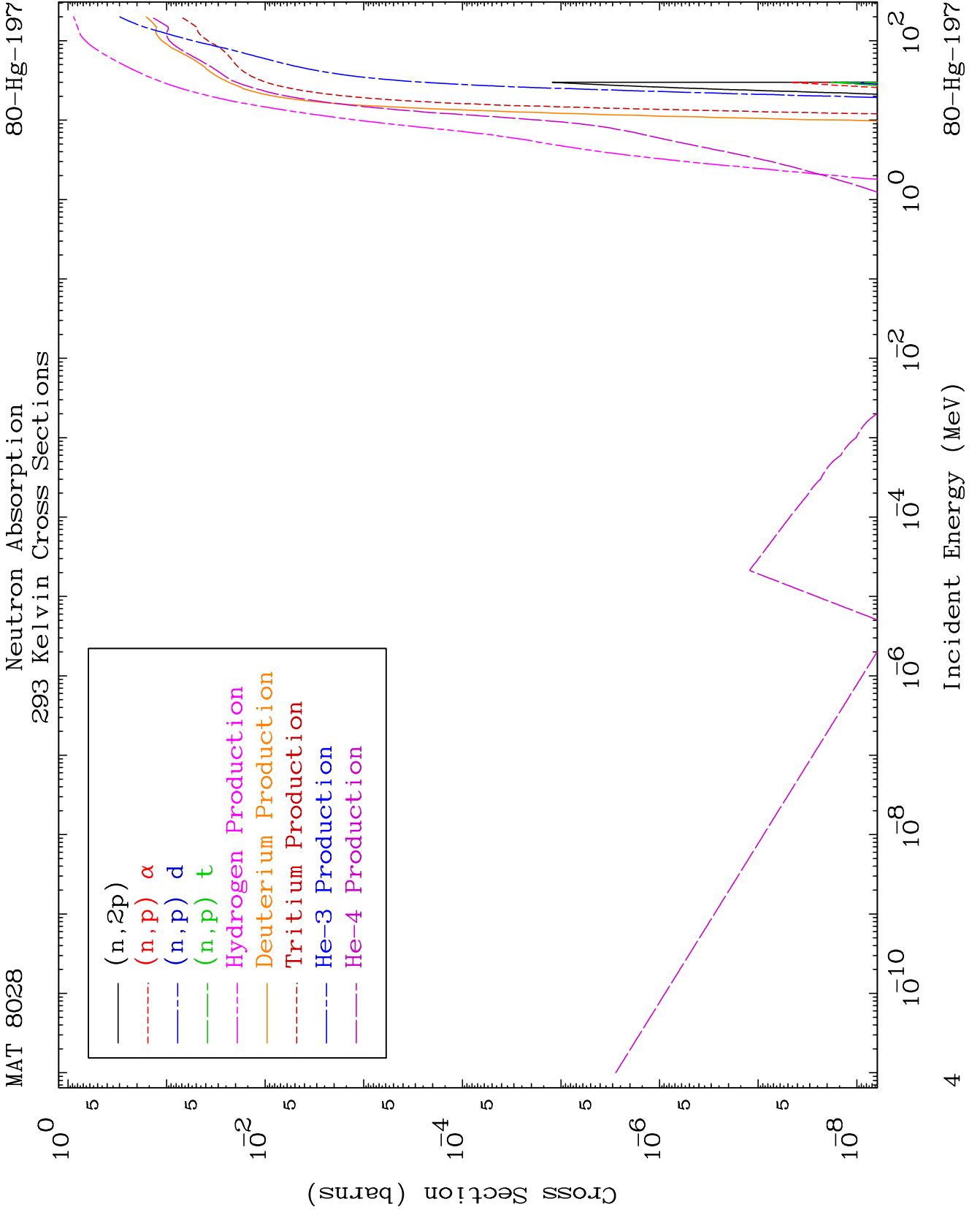


MAT 8028

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-197

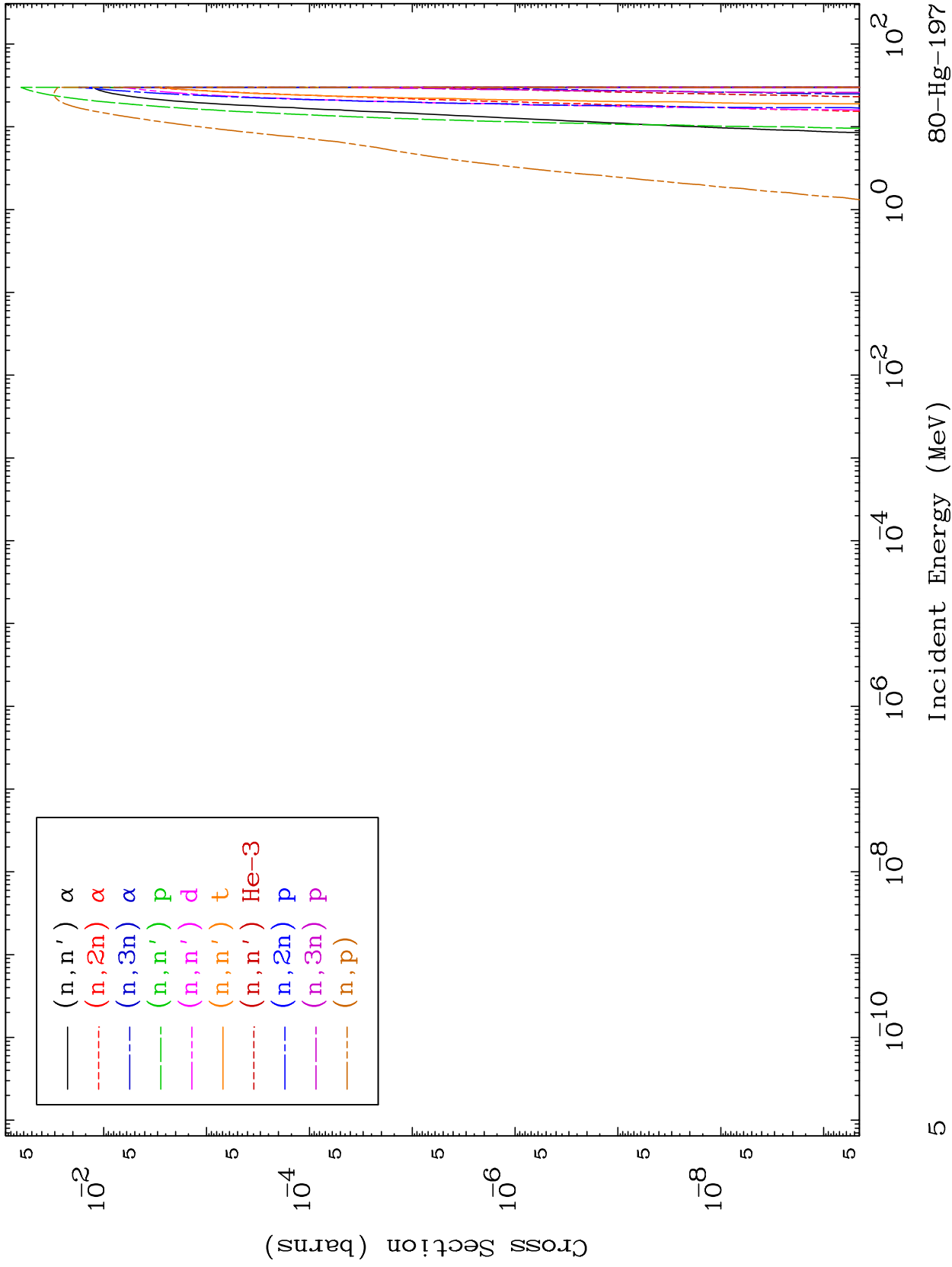




MAT 8028

Charged Particle
293 Kelvin Cross Sections

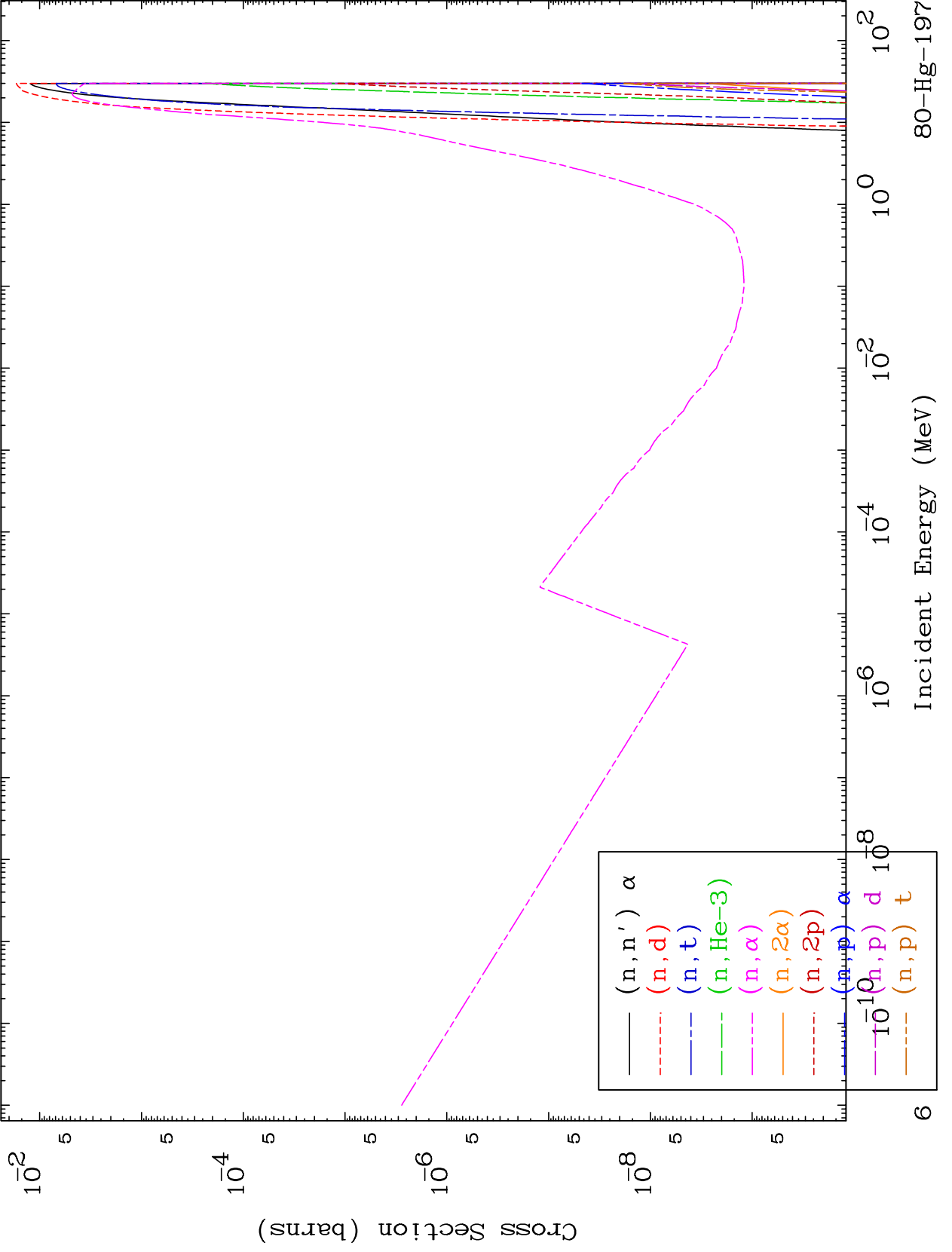
80-Hg-197



MAT 8028

Charged Particle
293 Kelvin Cross Sections

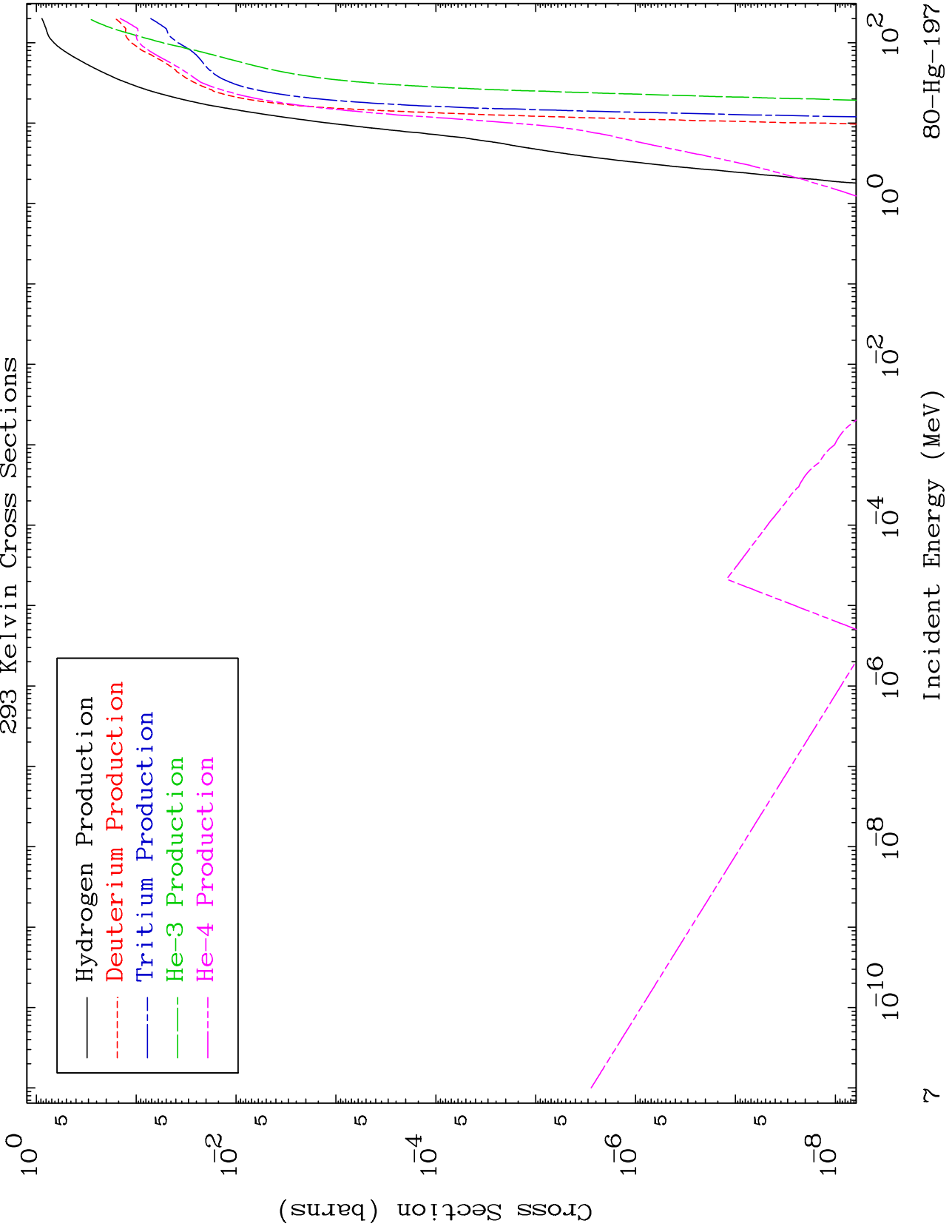
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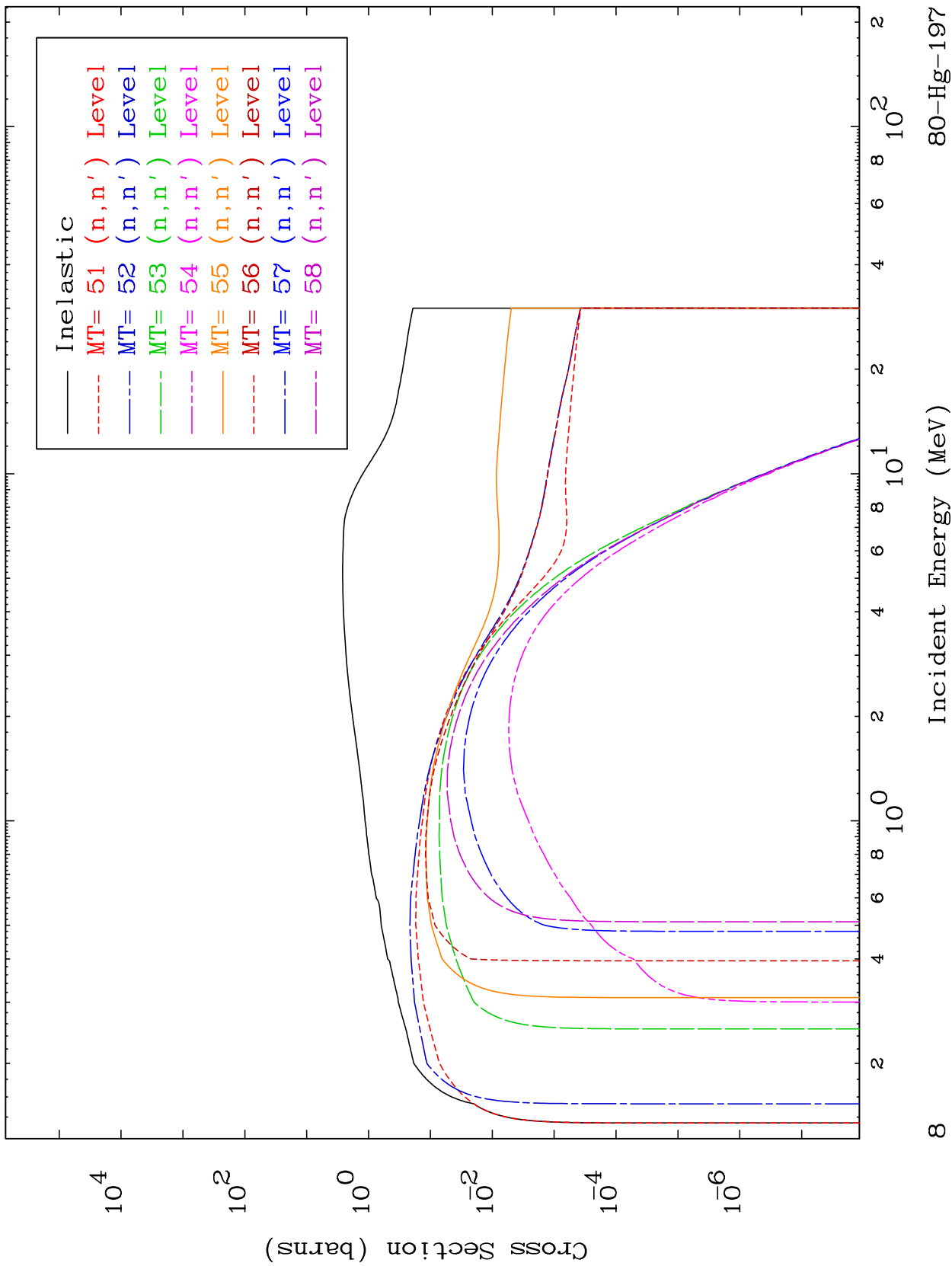


MAT 8028

Particle Production
293 Kelvin Cross Sections

80-Hg-197

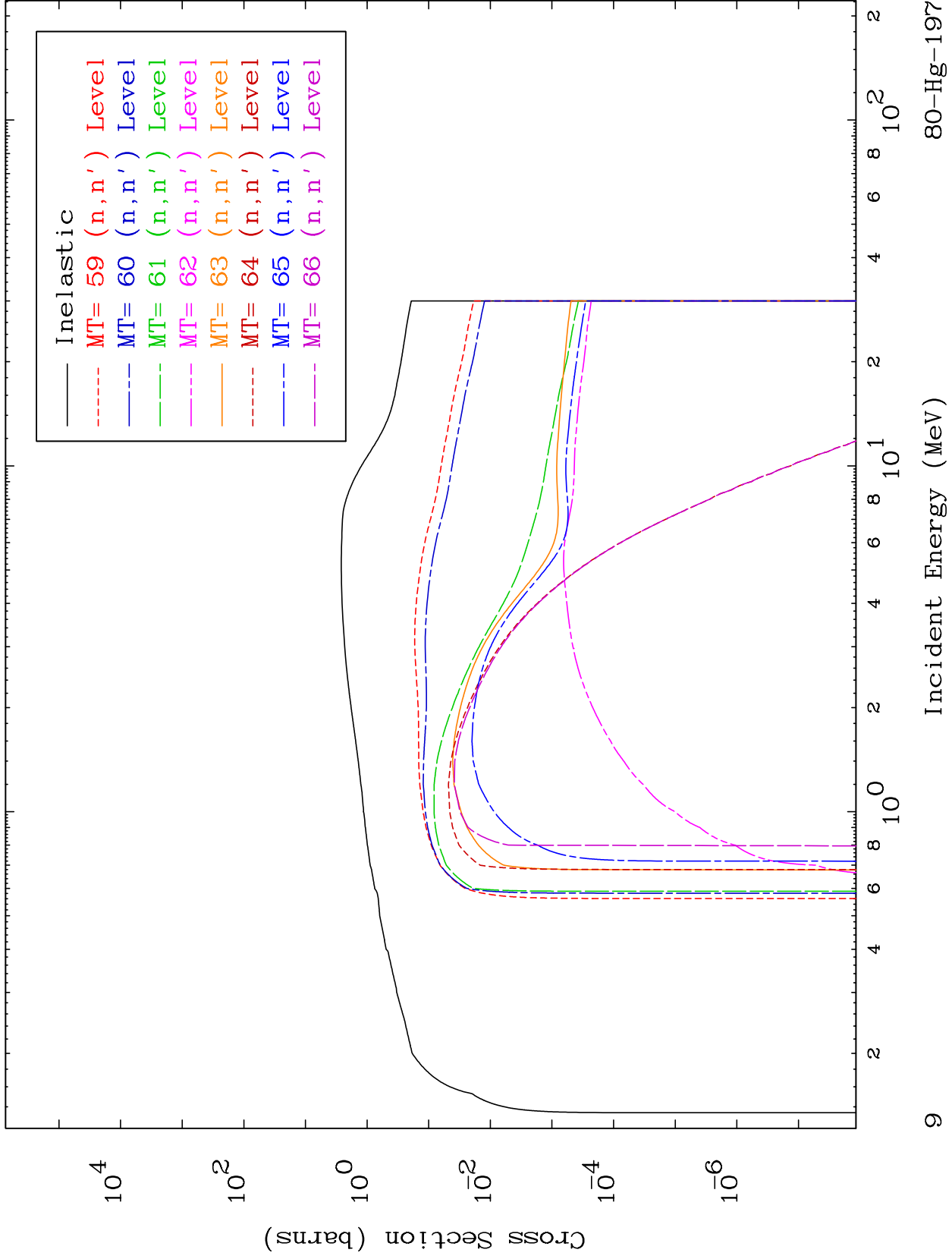




MAT 8028

(n,n') Levels
293 Kelvin Cross Sections

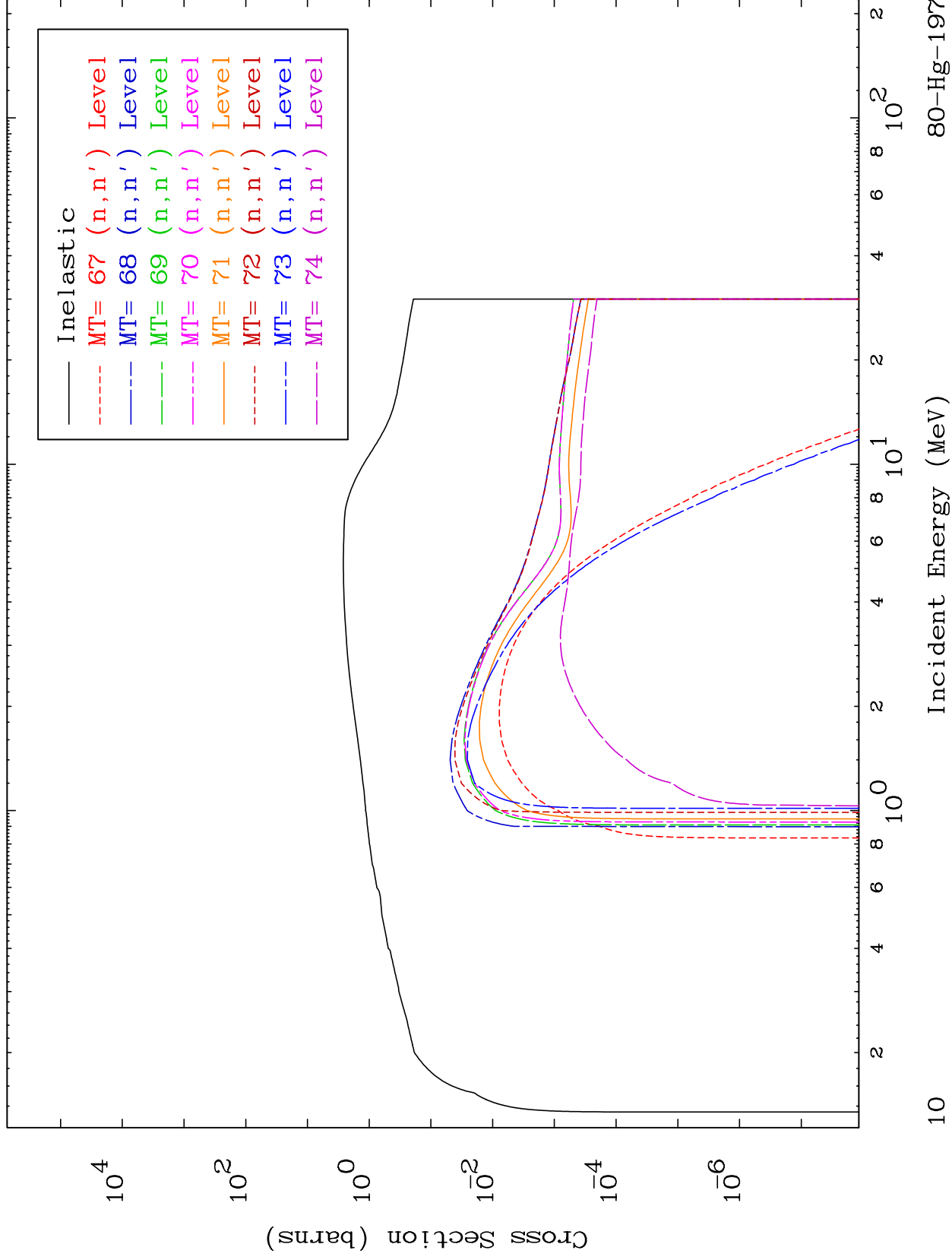
80-Hg-197



MAT 8028

(n,n') Levels
293 Kelvin Cross Sections

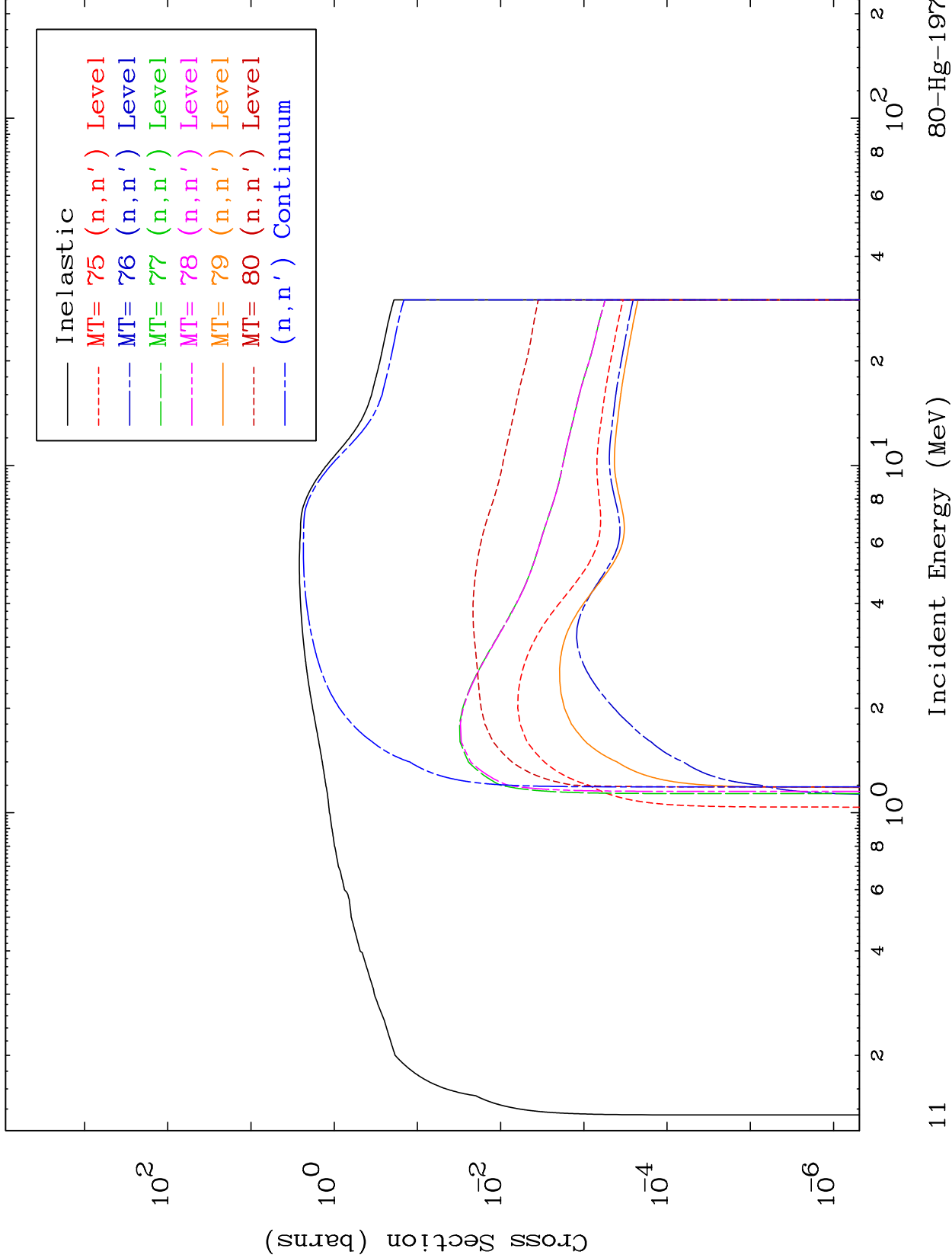
80-Hg-197



10

Incident Energy (MeV)

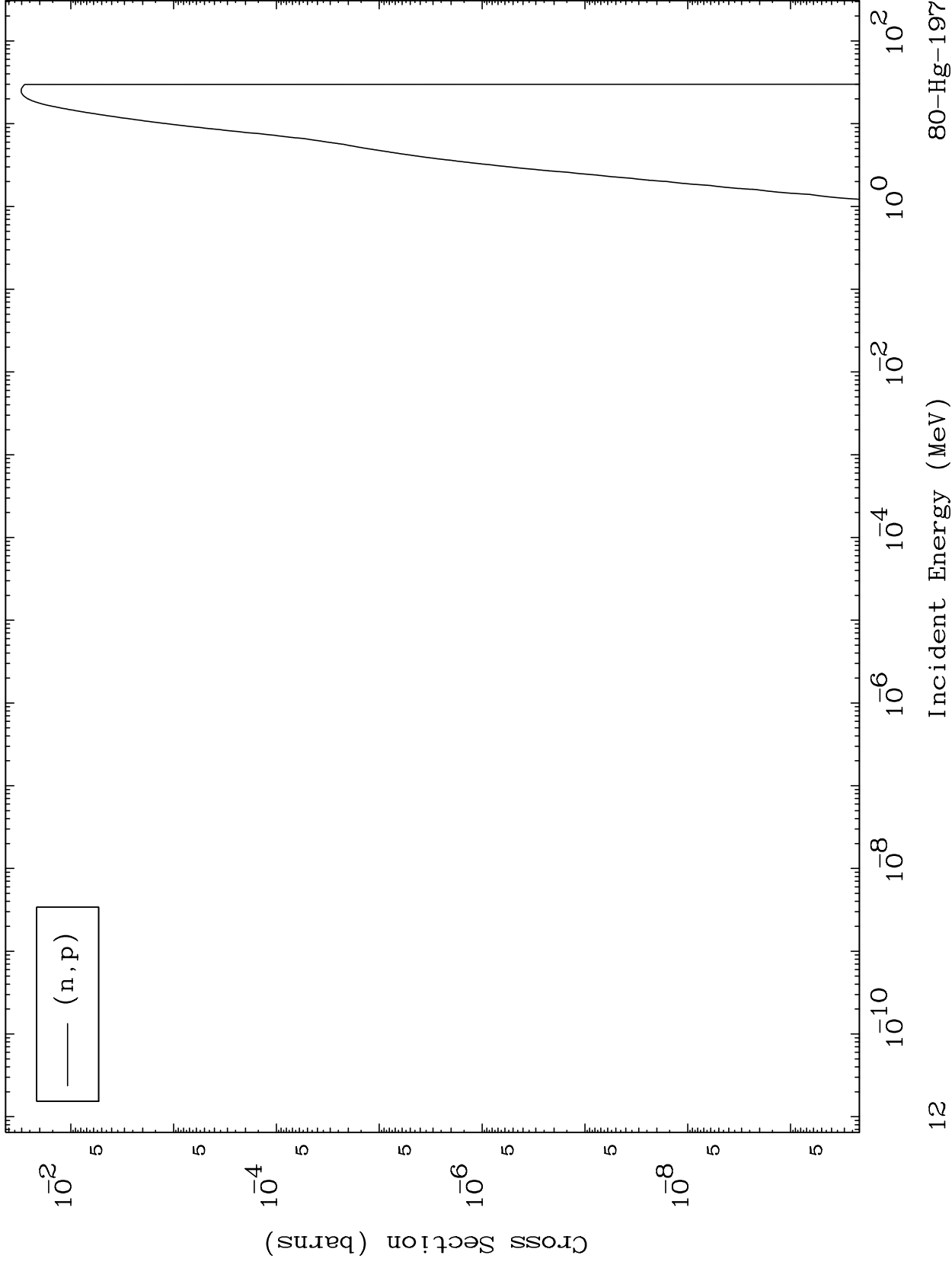
80-Hg-197



MAT 8028

(n,p) Levels
293 Kelvin Cross Sections

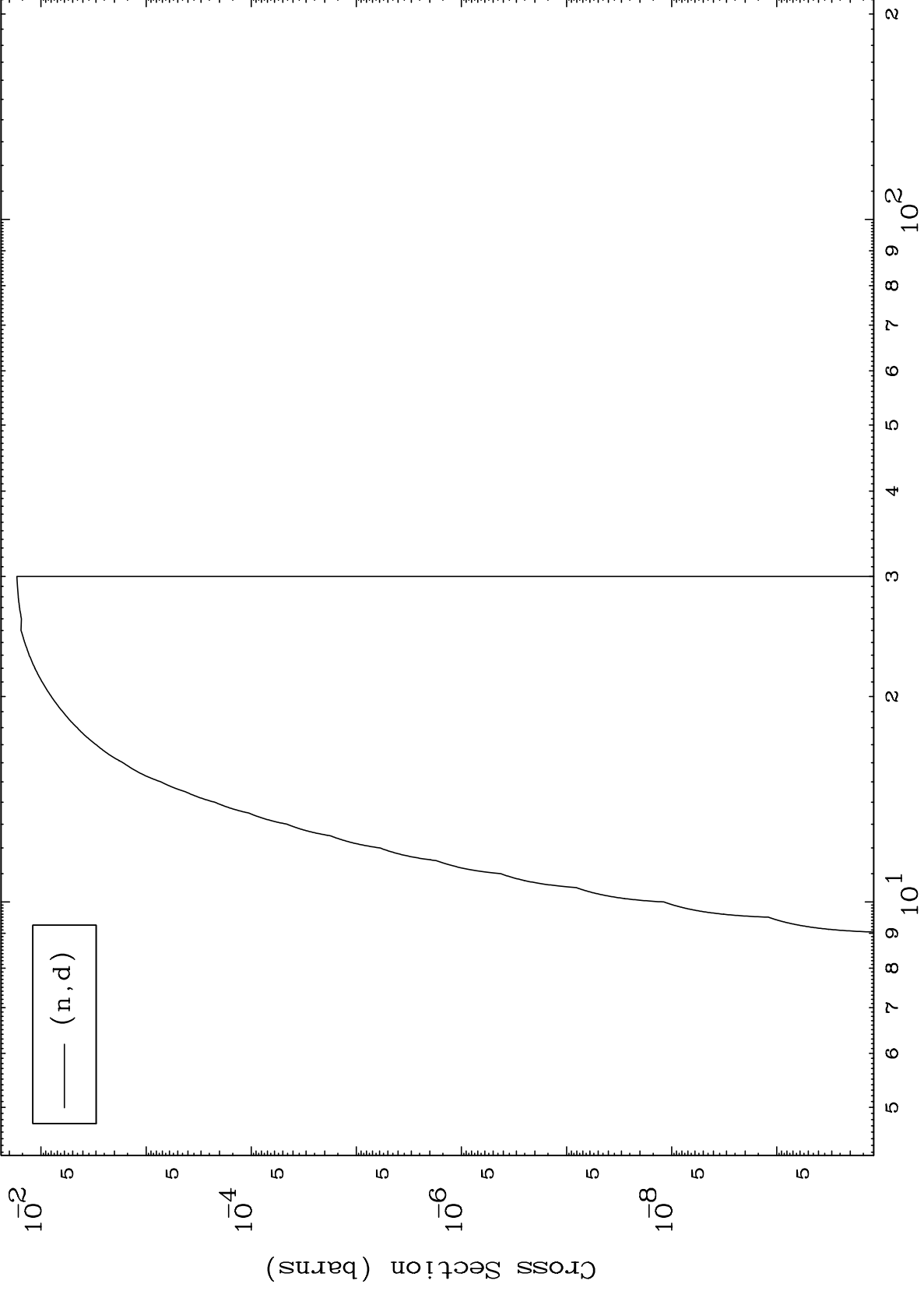
80-Hg-197



MAT 8028

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-197



13

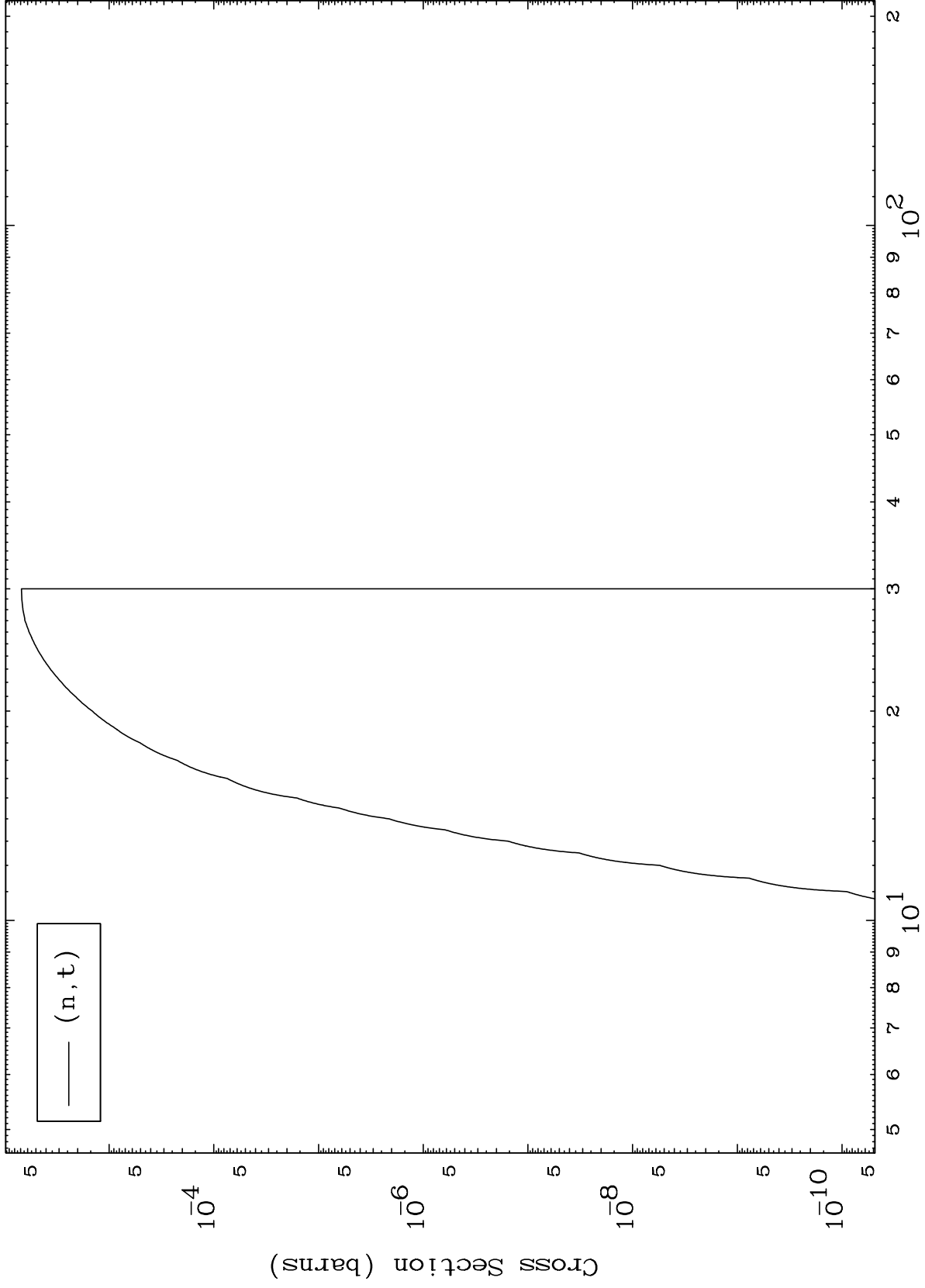
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-197



14

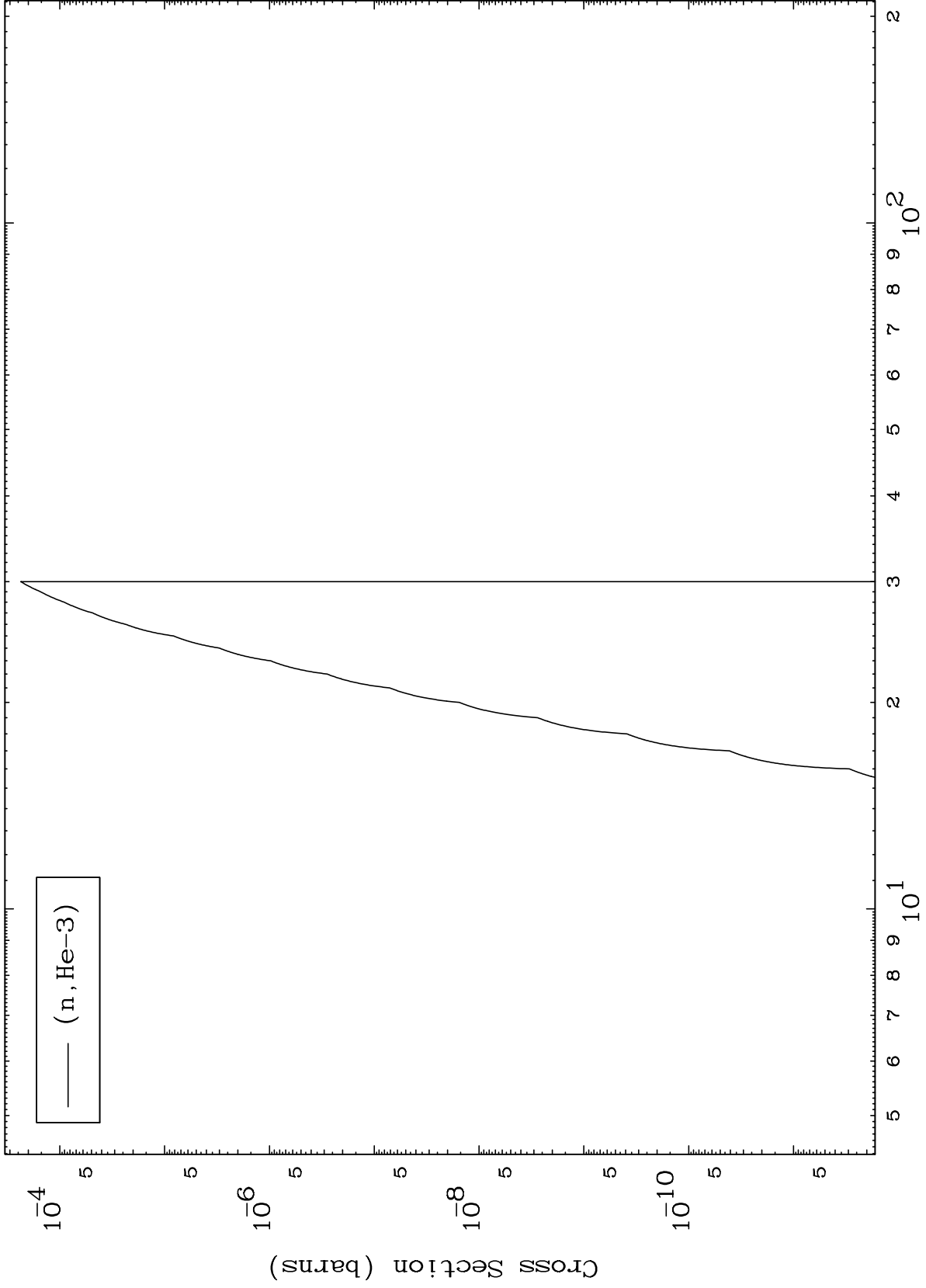
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-197



15

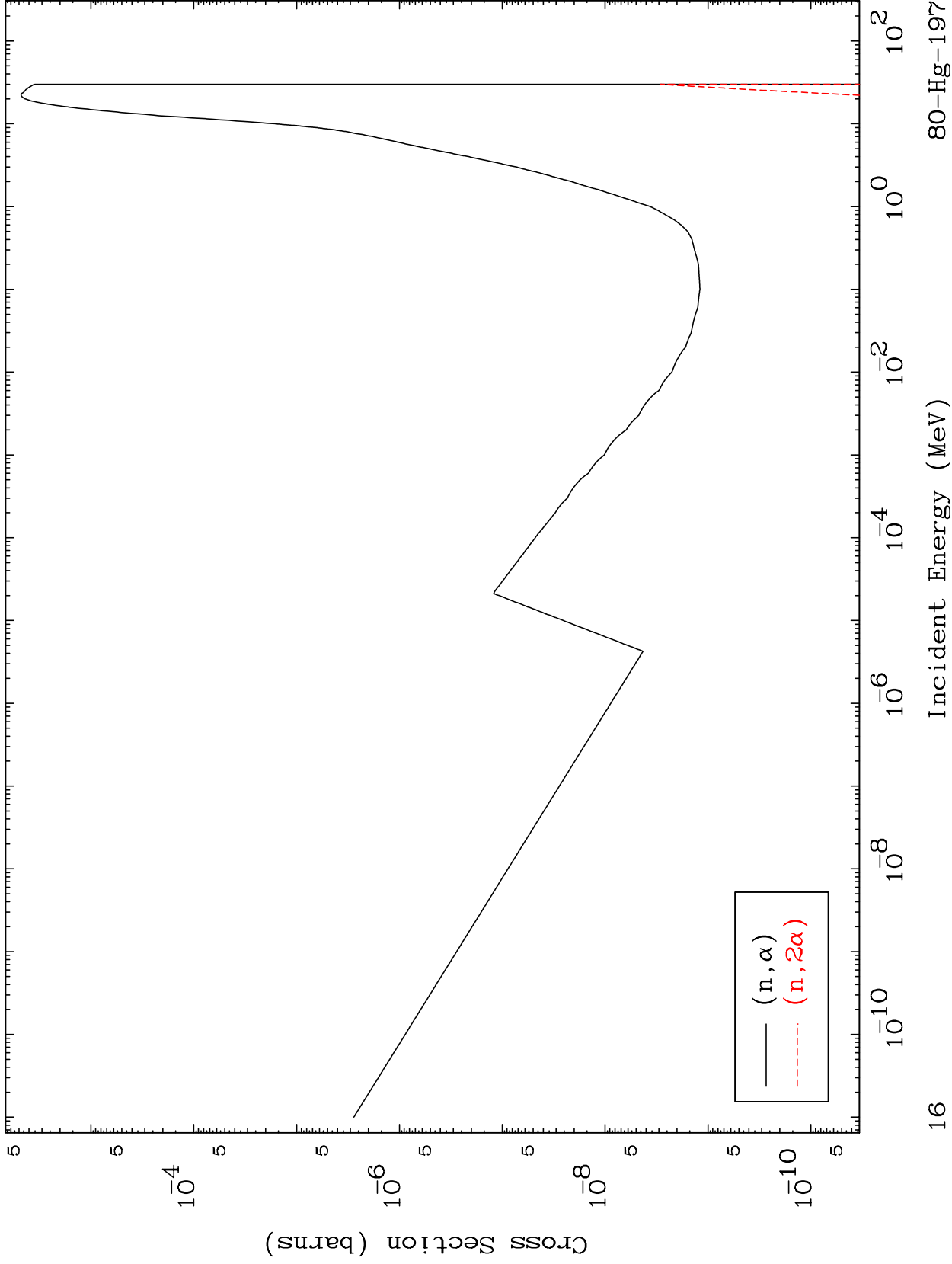
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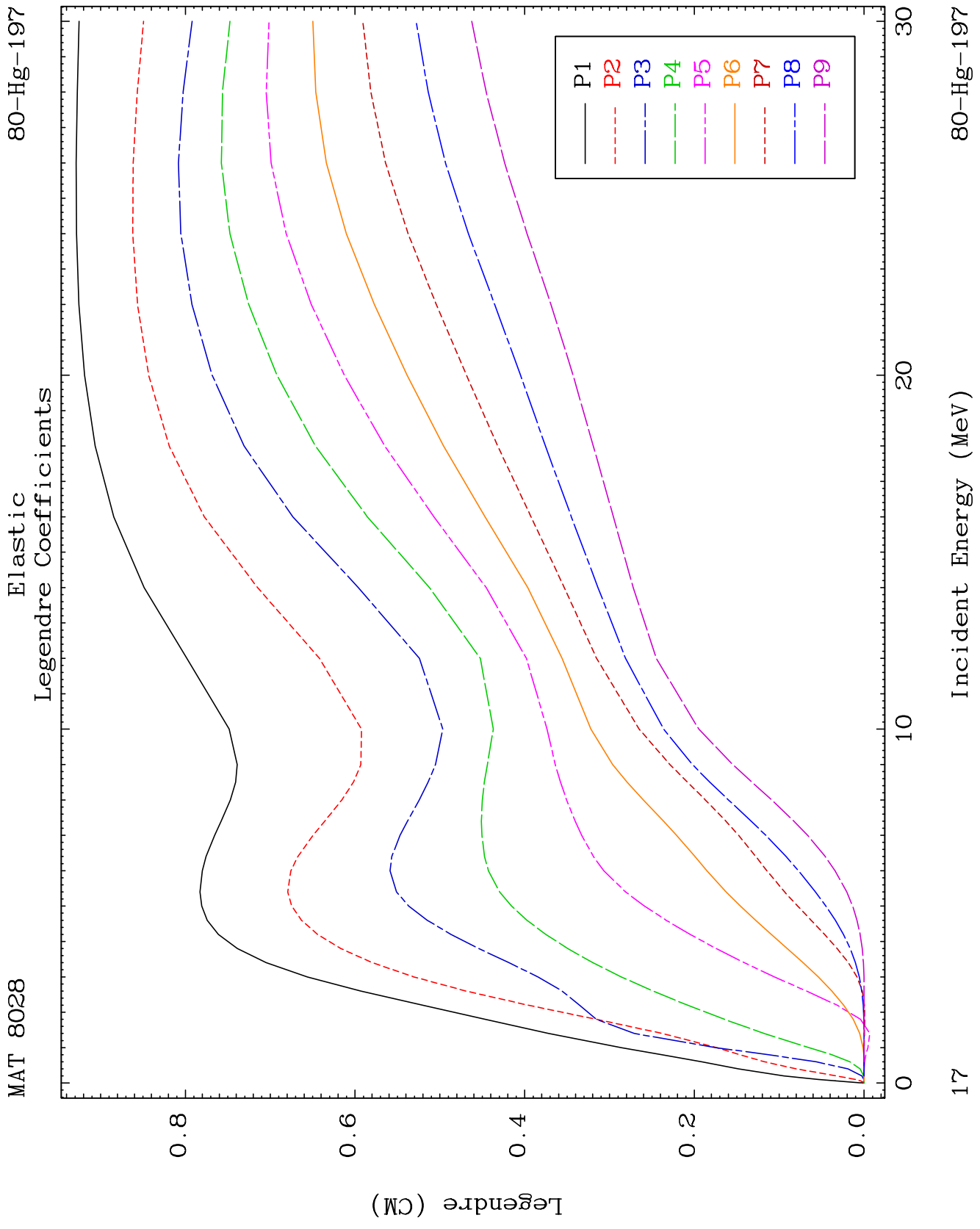
MAT 8028

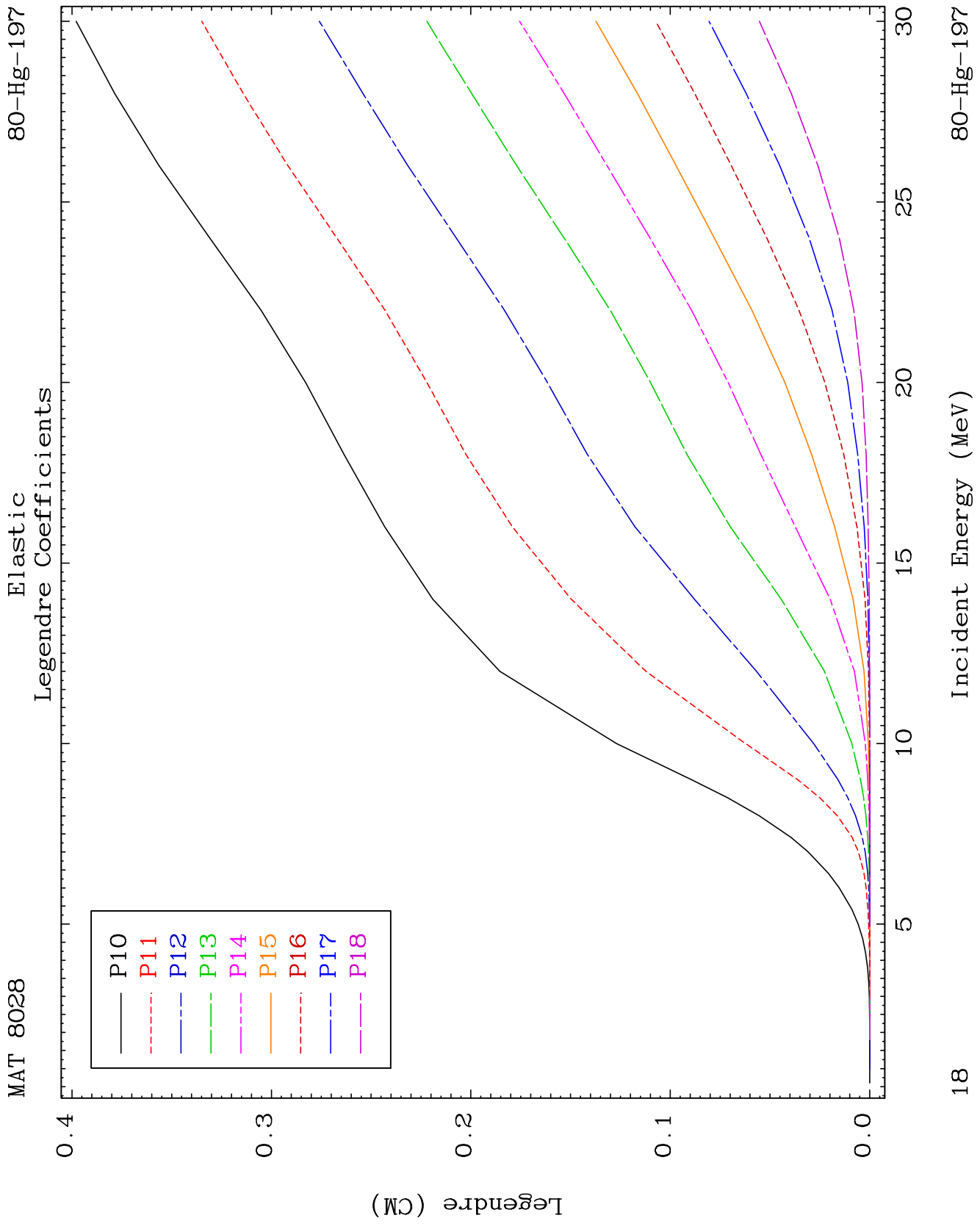
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-197



16

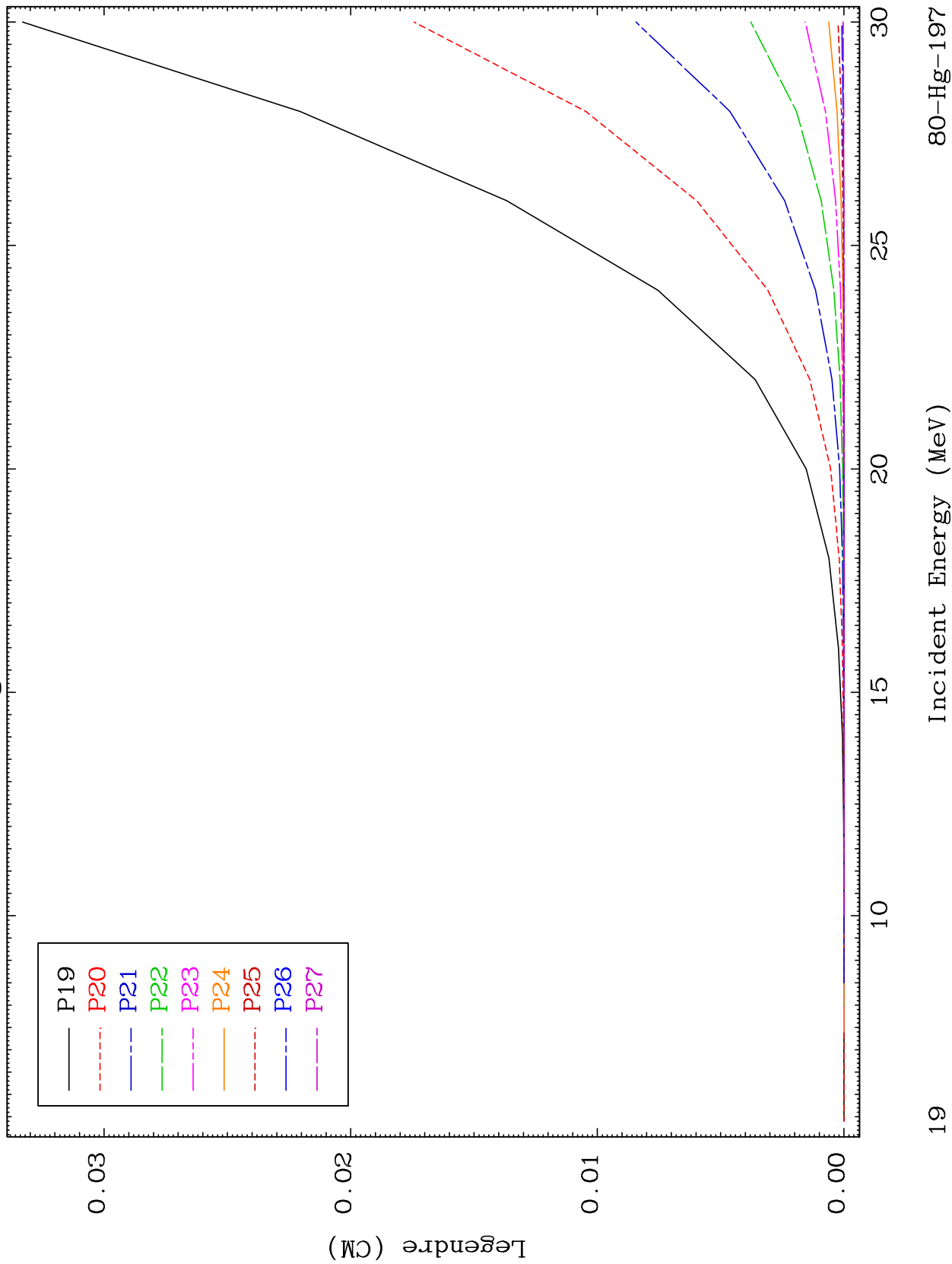




MAT 8028

Elastic Legendre Coefficients

80-Hg-197



19

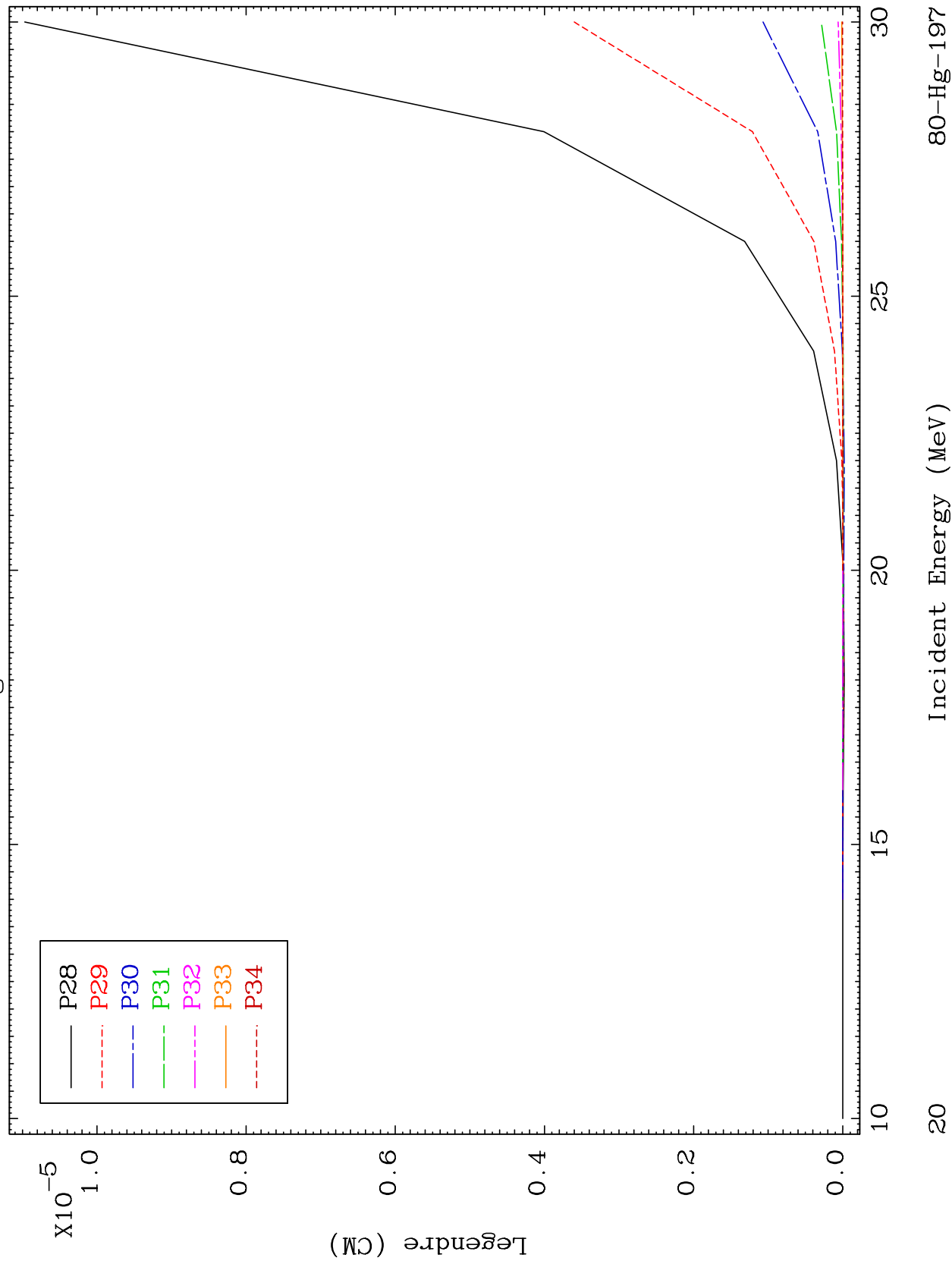
Incident Energy (MeV)

80-Hg-197

MAT 8028

Elastic Legendre Coefficients

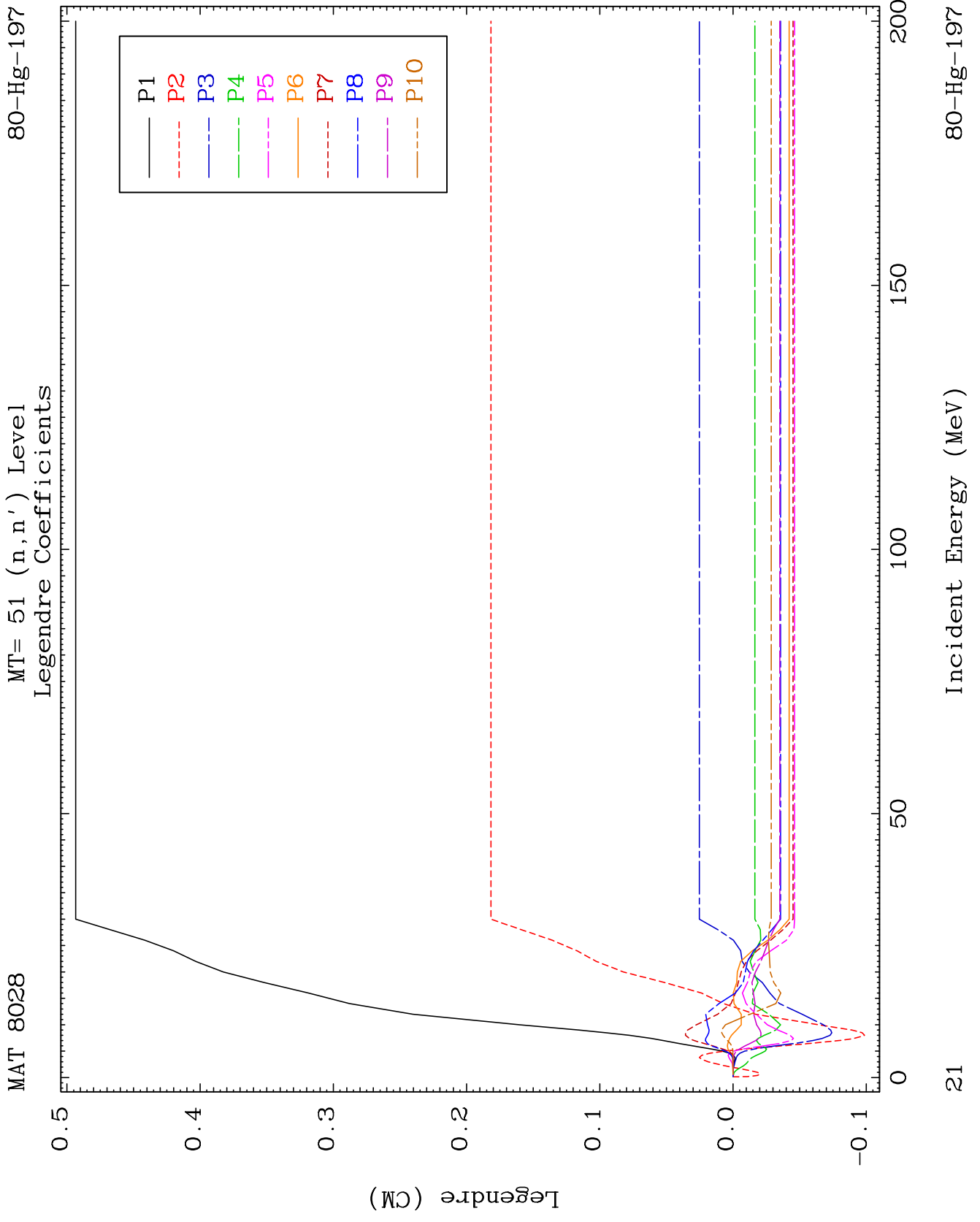
80-Hg-197



80-Hg-197

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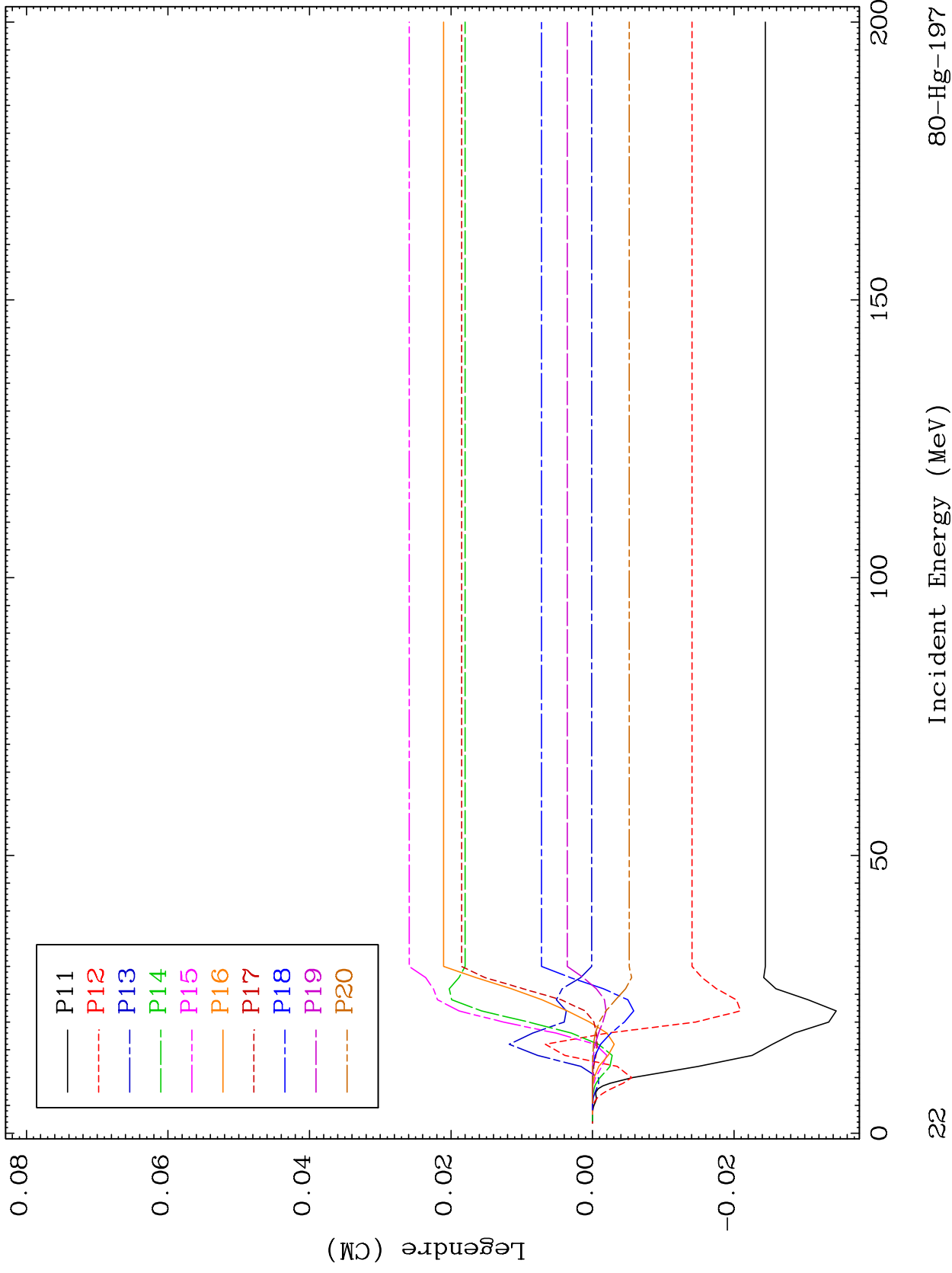
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MAT 8028

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

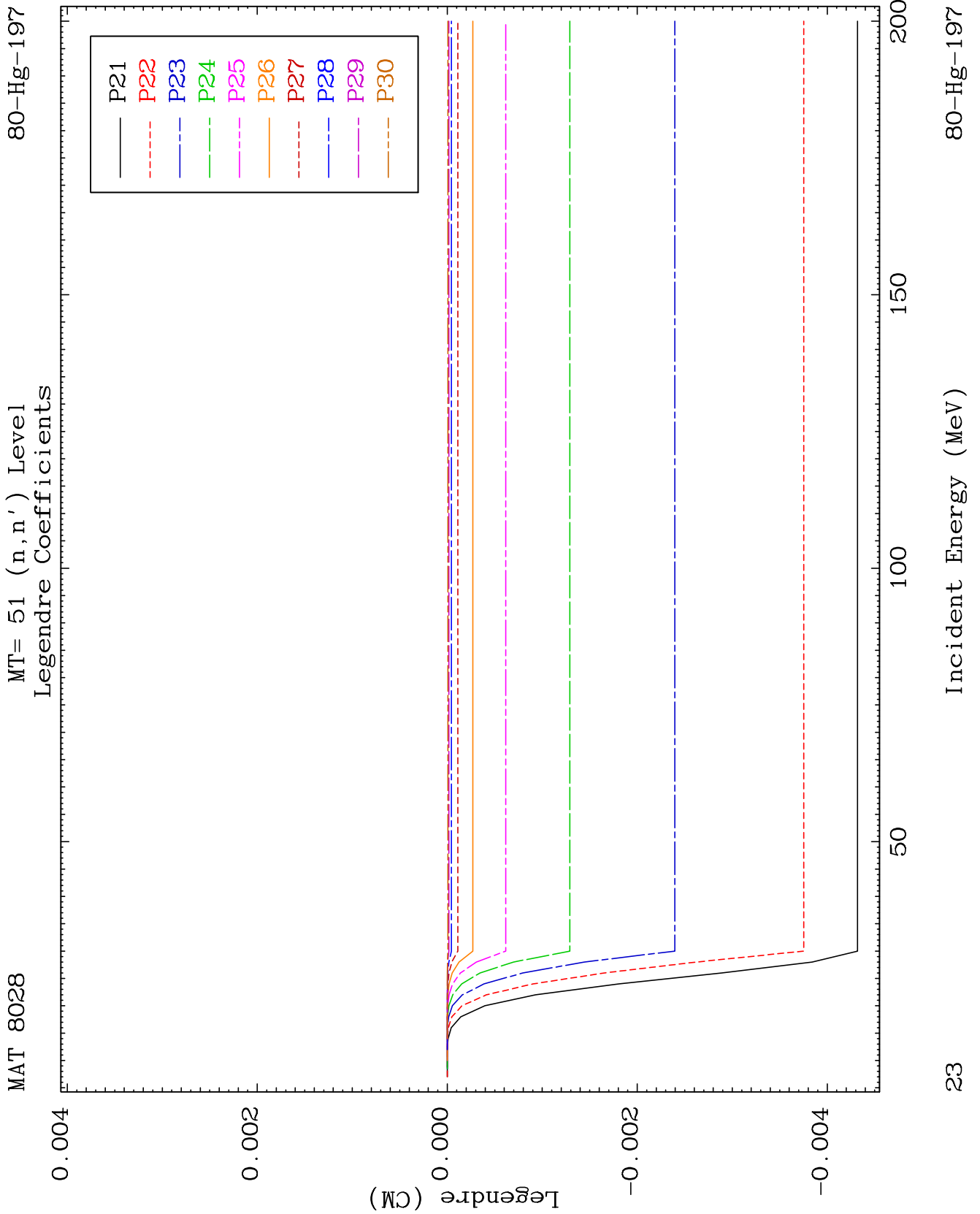
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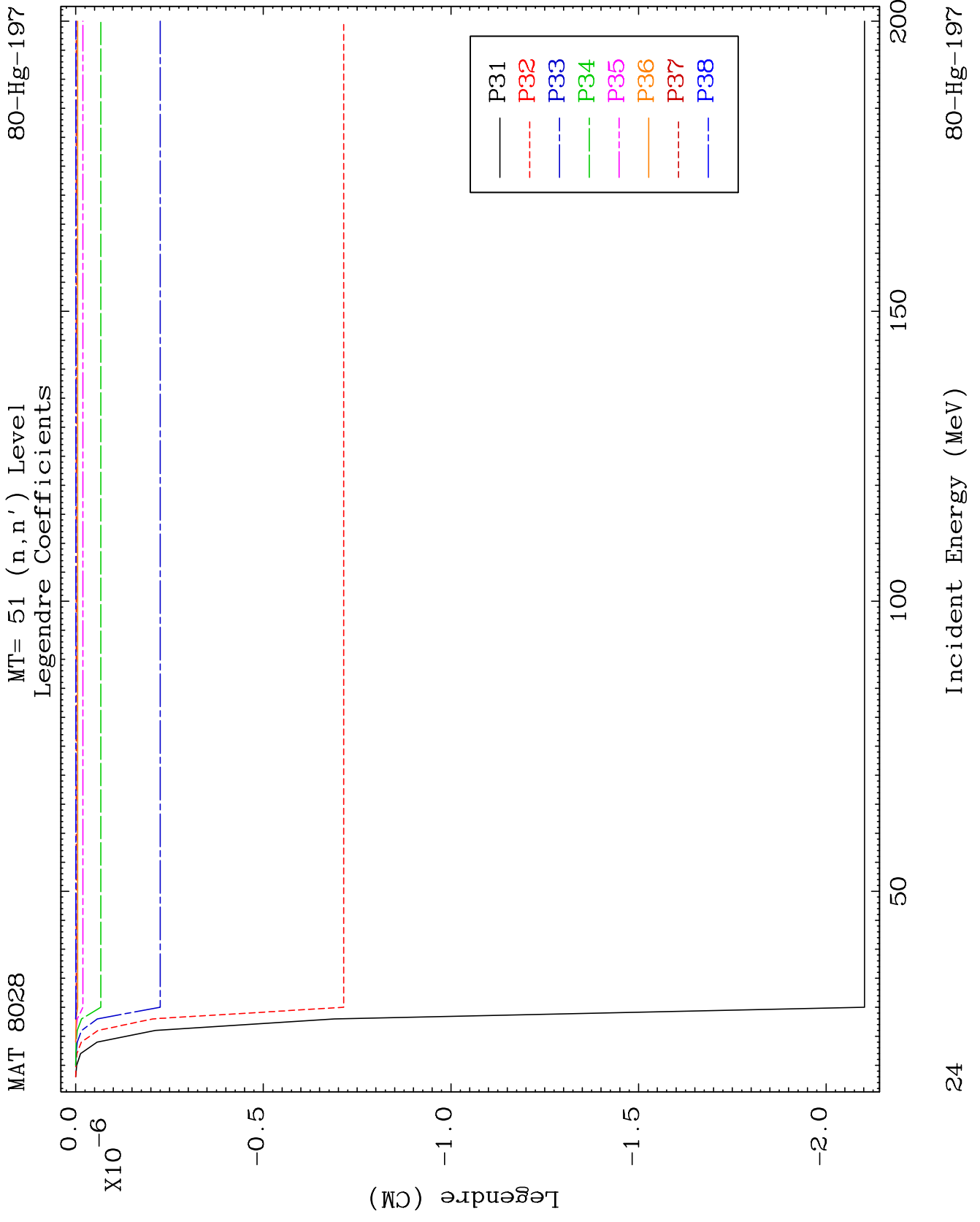


22

Incident Energy (MeV)

80-Hg-197

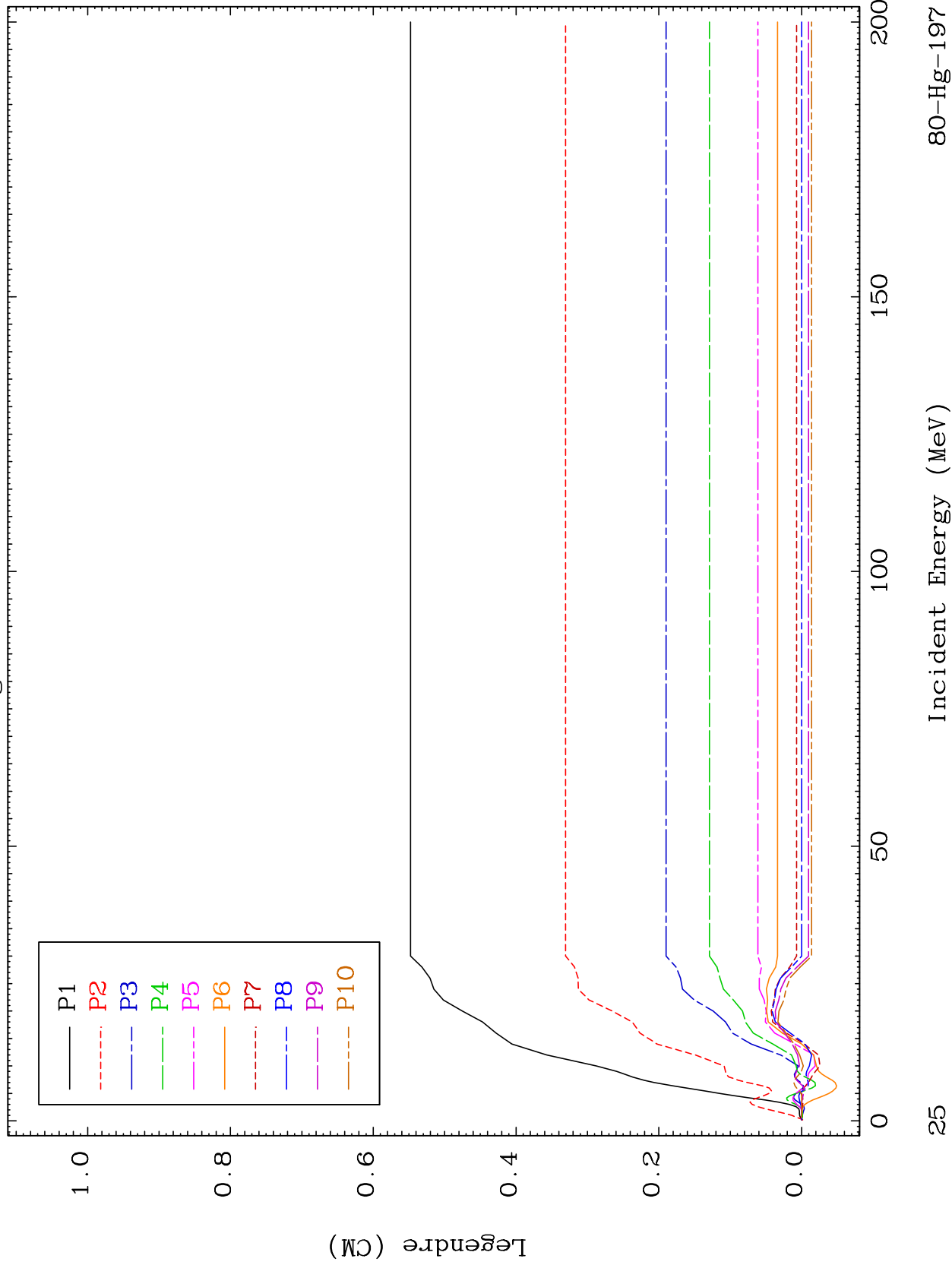




MAT 8028

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

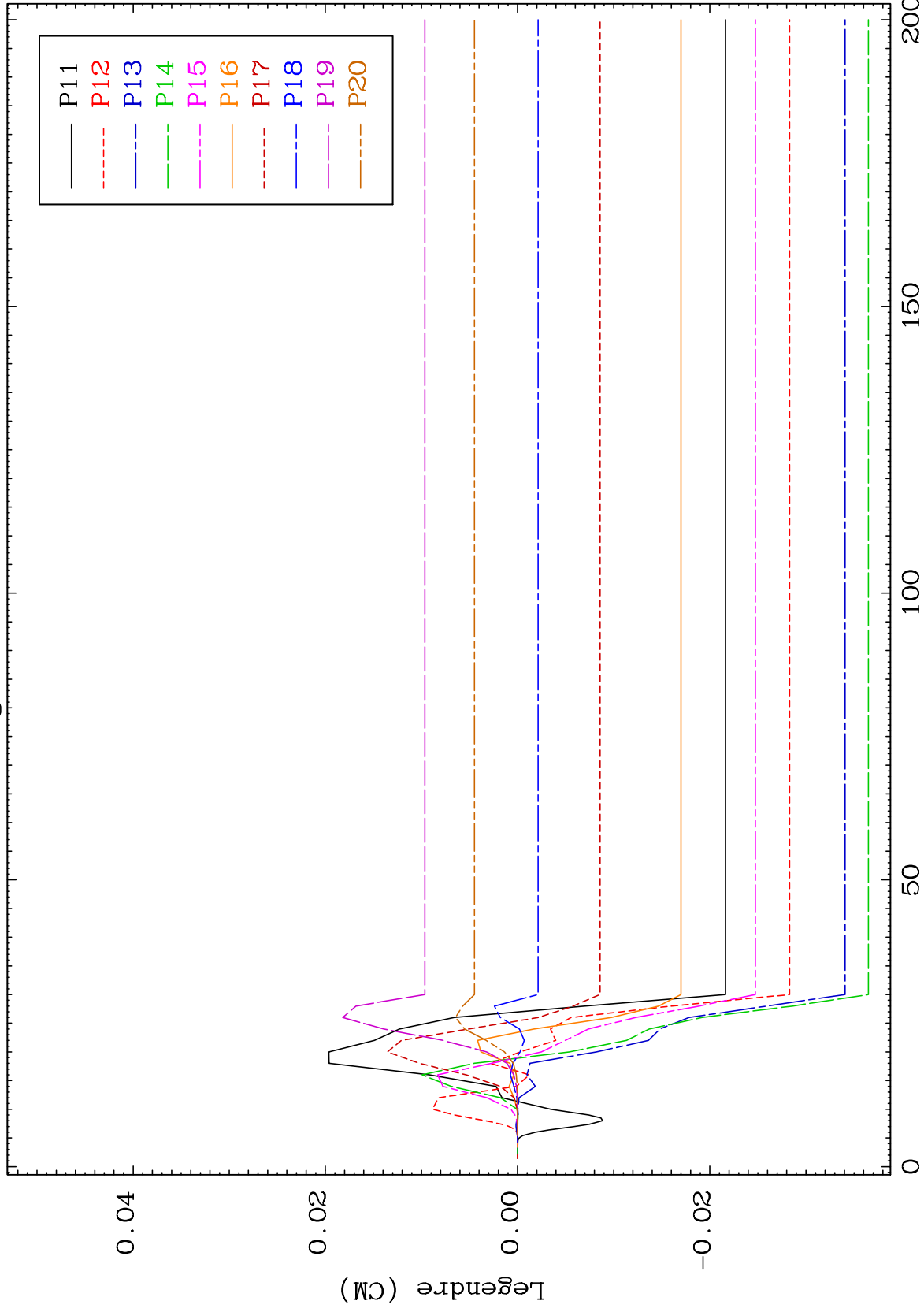
80-Hg-197



MAT 8028

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

80-Hg-197



26

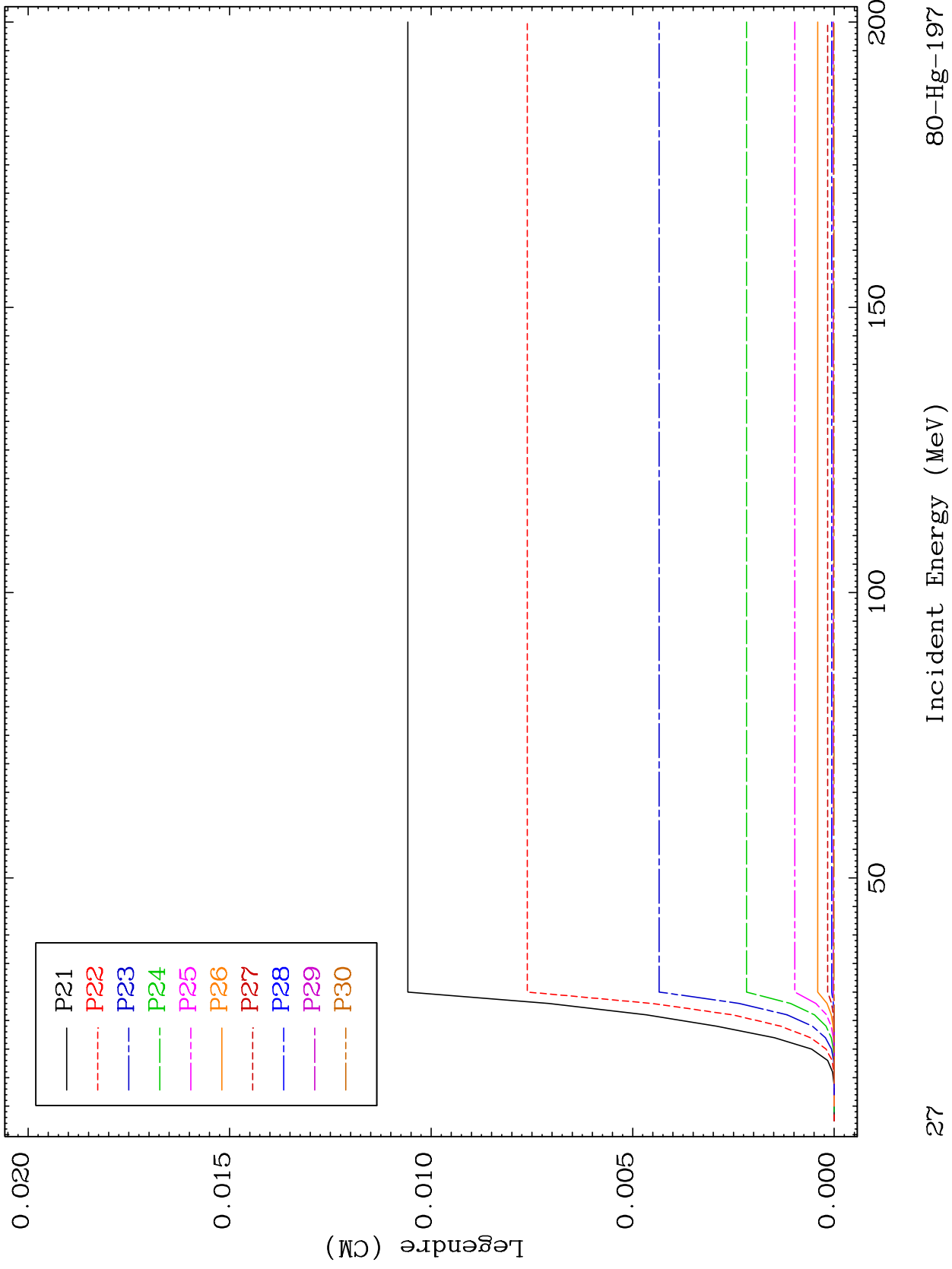
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



27

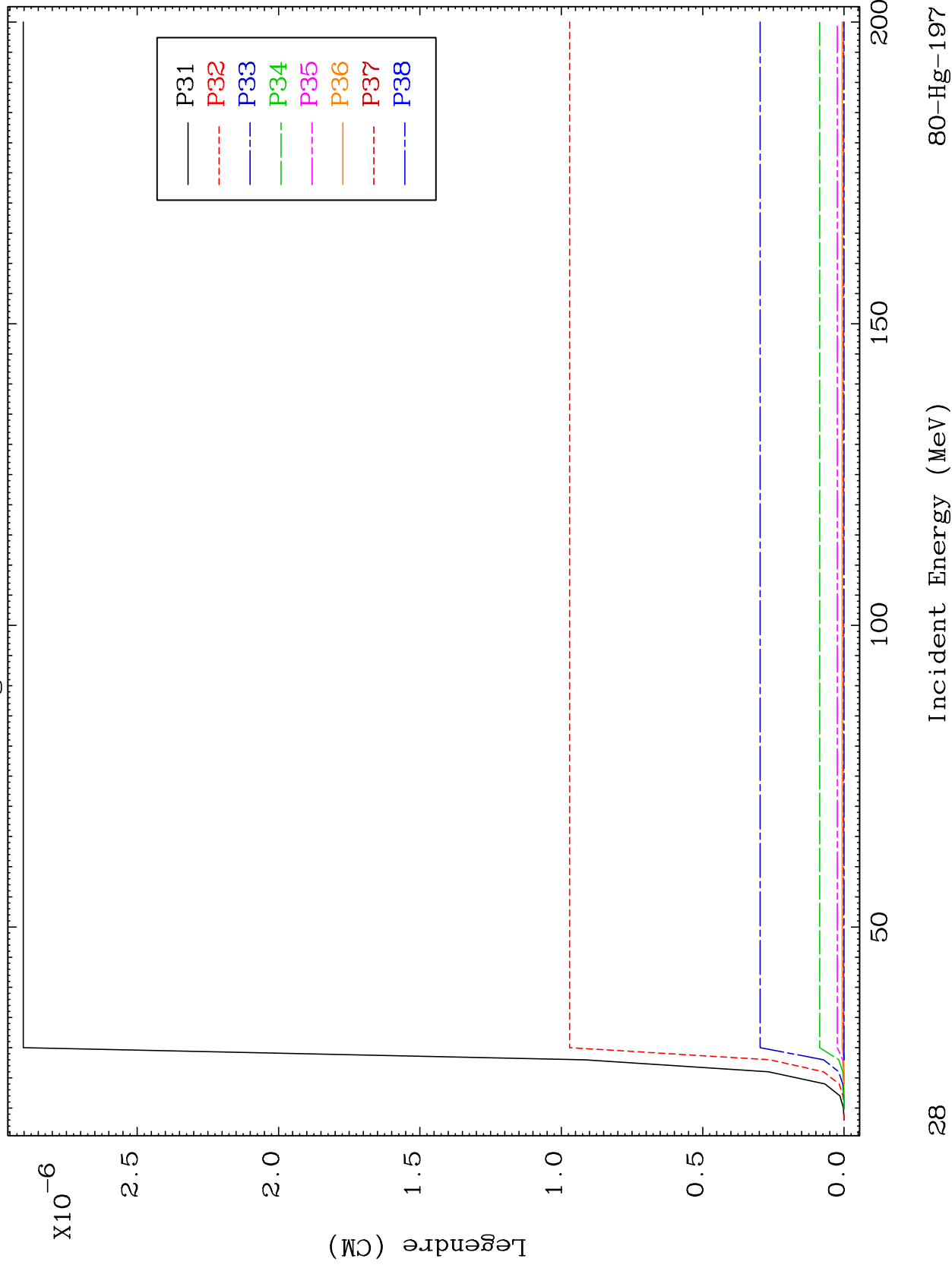
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

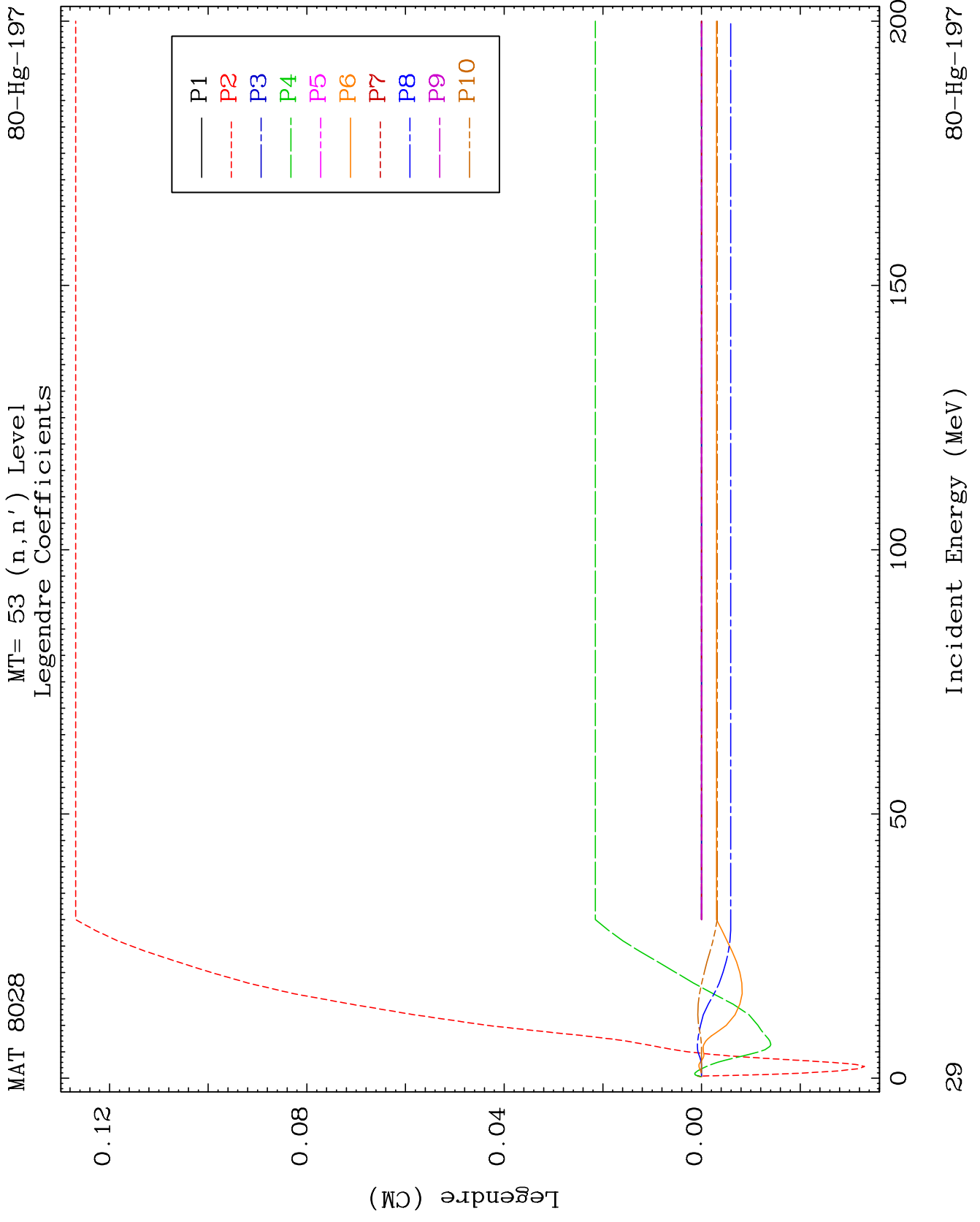
80-Hg-197



80-Hg-197

Incident Energy (MeV)

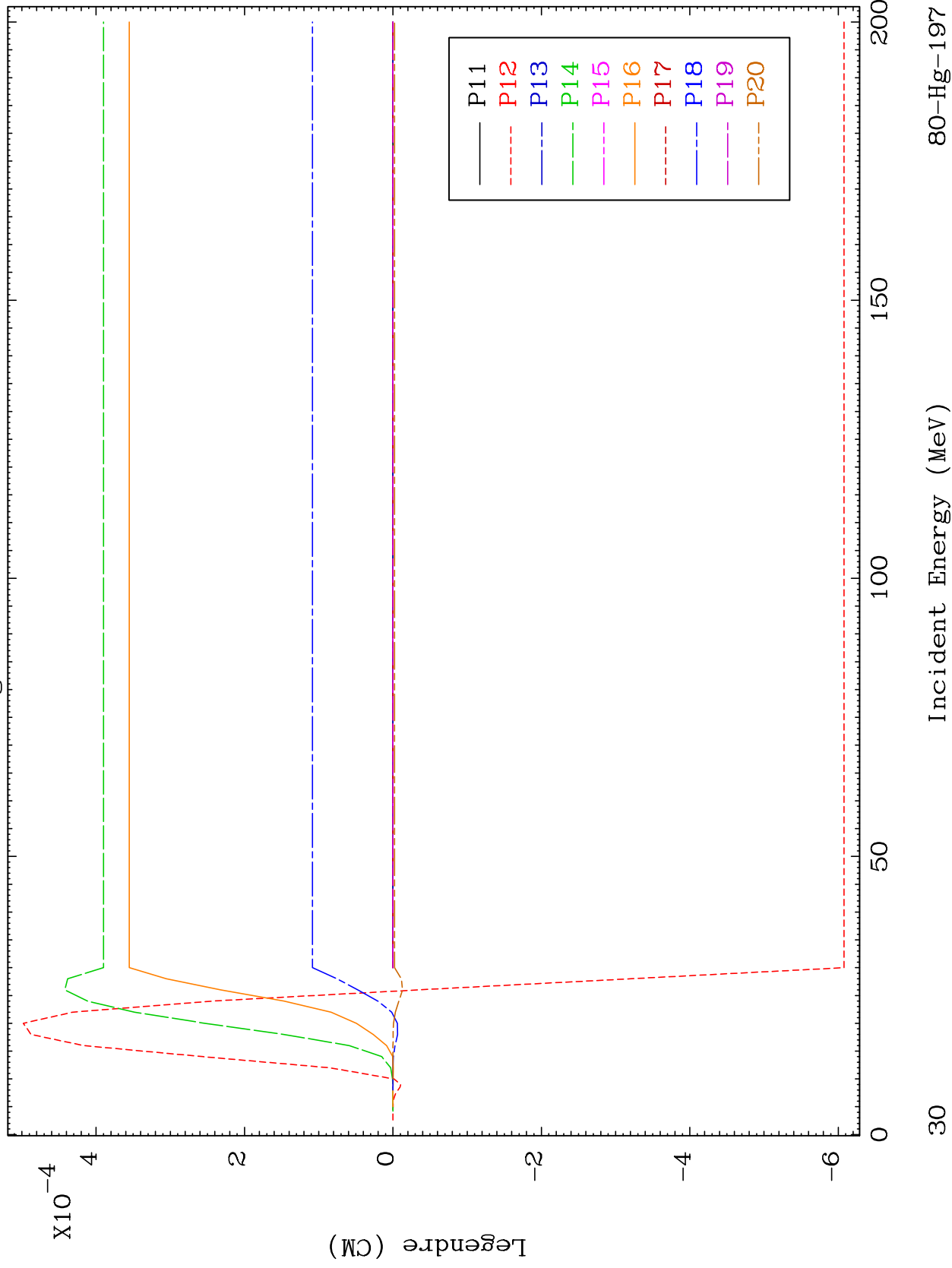
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MAT 8028

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

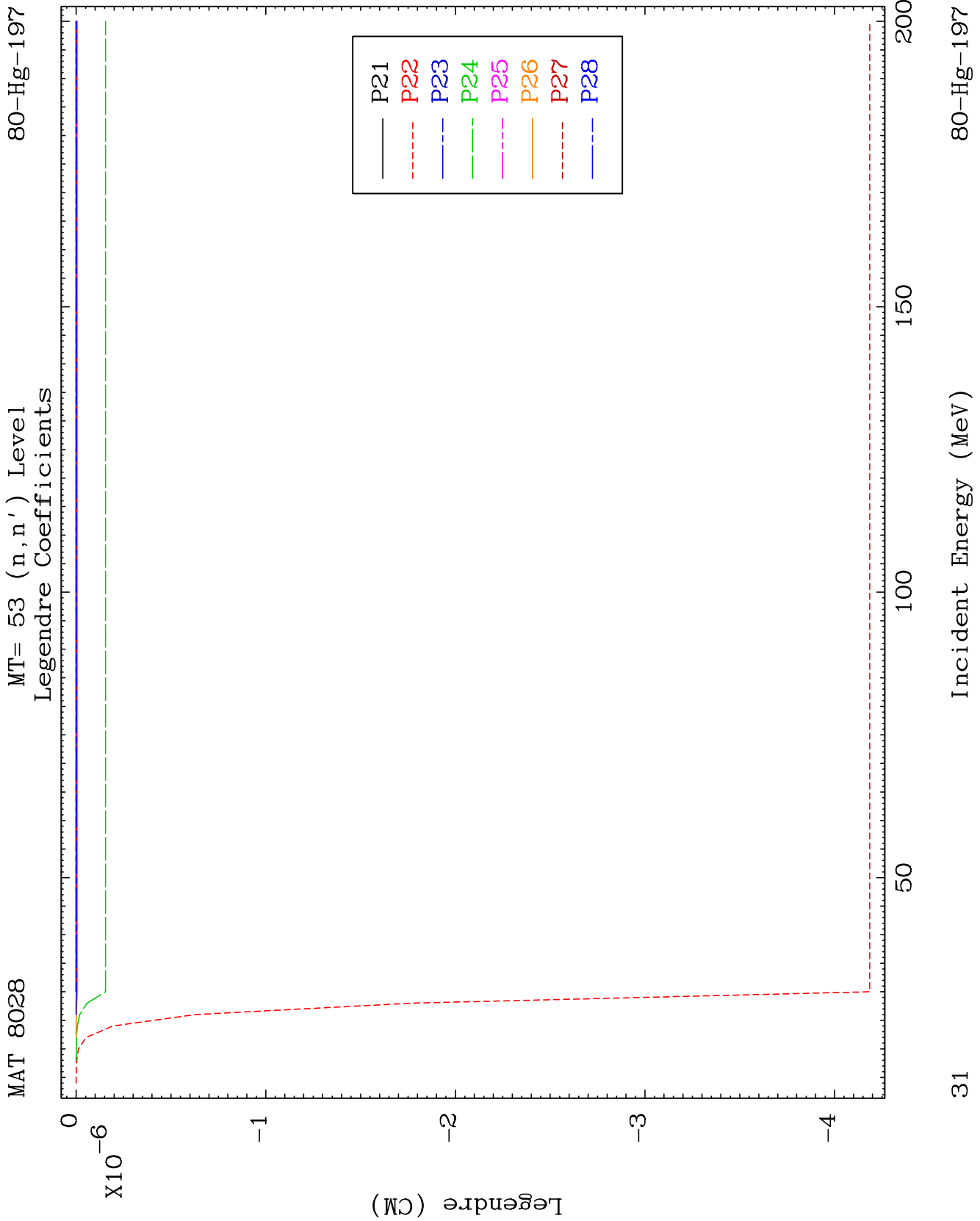
80-Hg-197



80-Hg-197

Incident Energy (MeV)

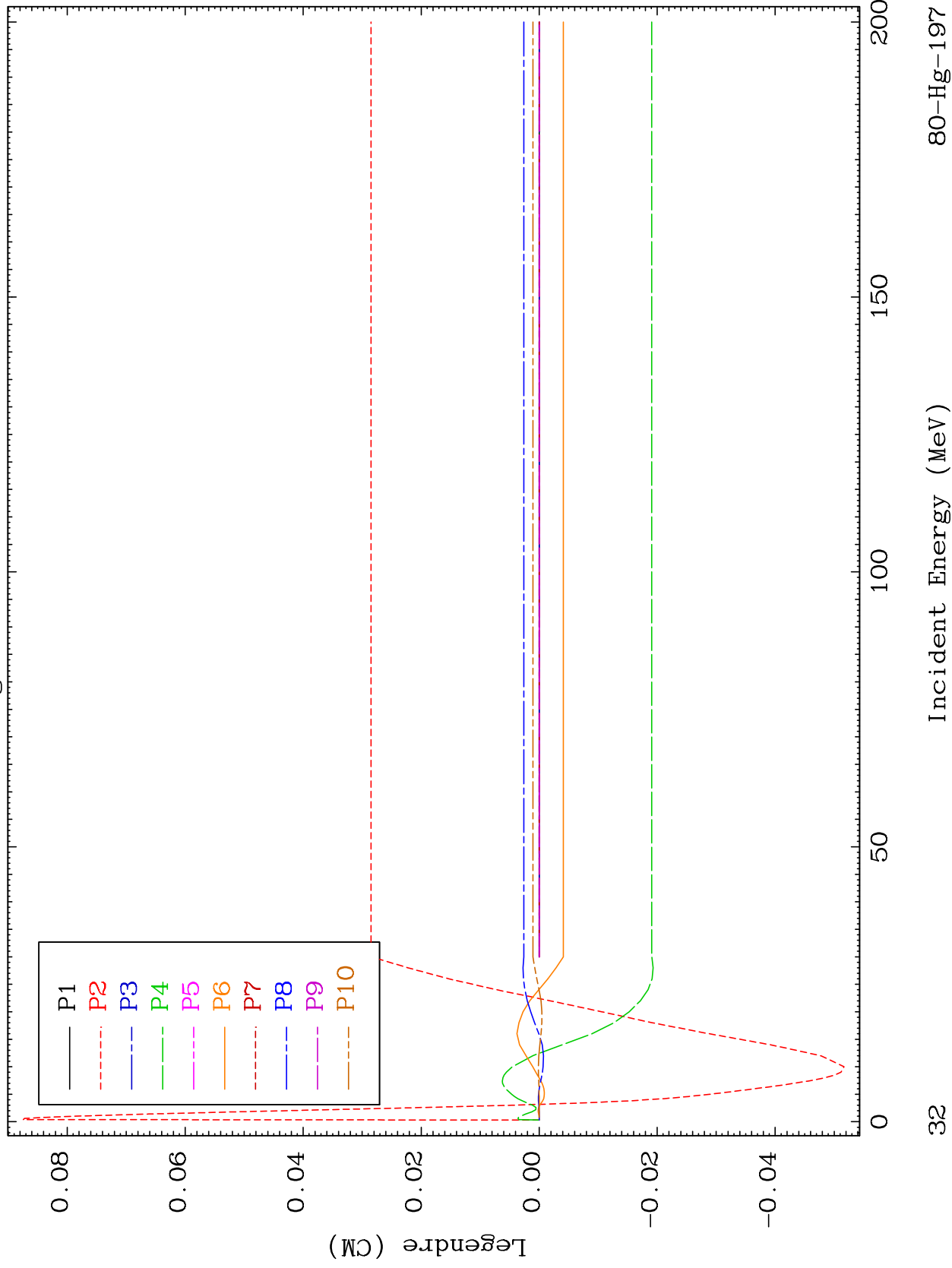
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MAT 8028

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

80-Hg-197



32

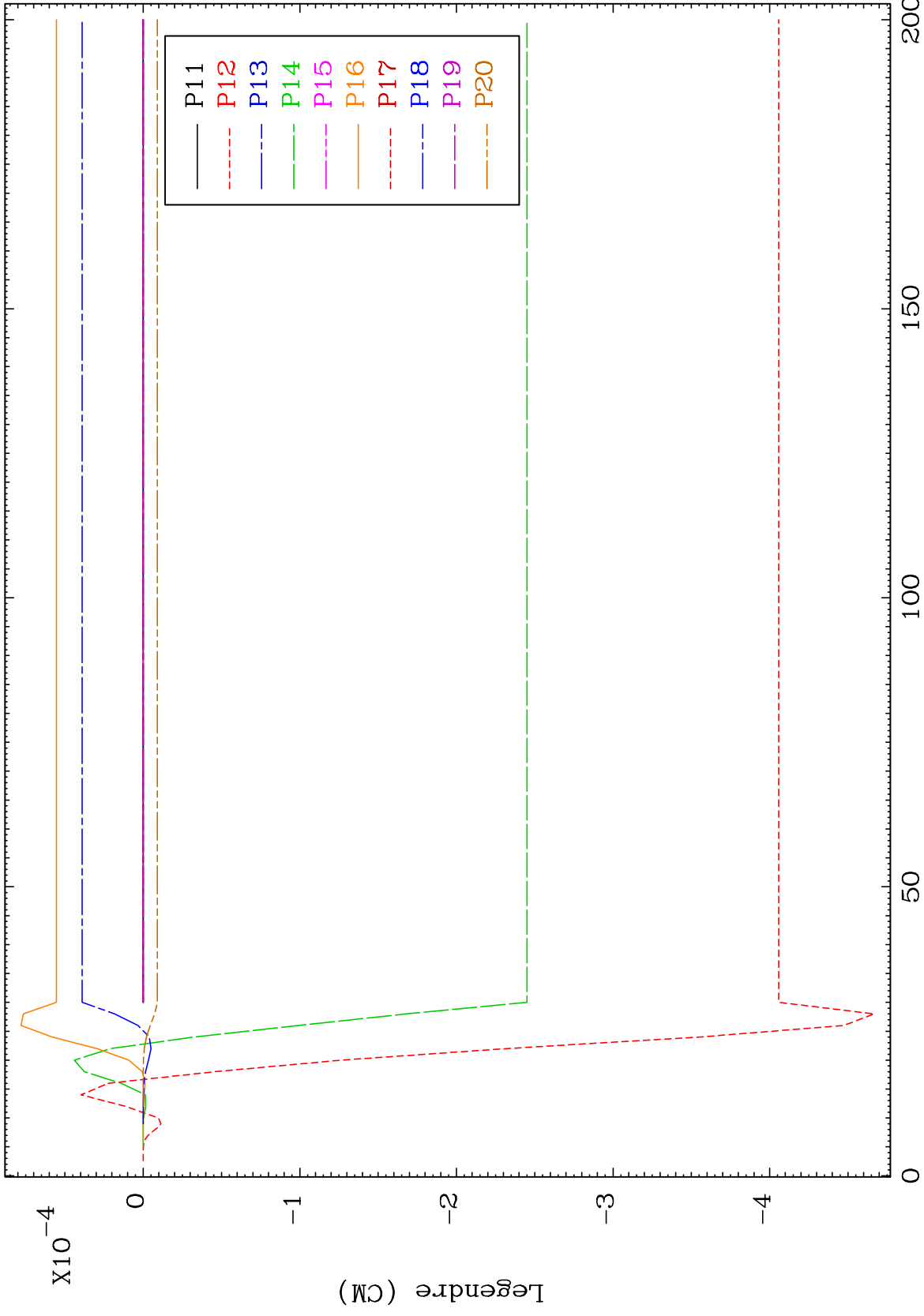
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

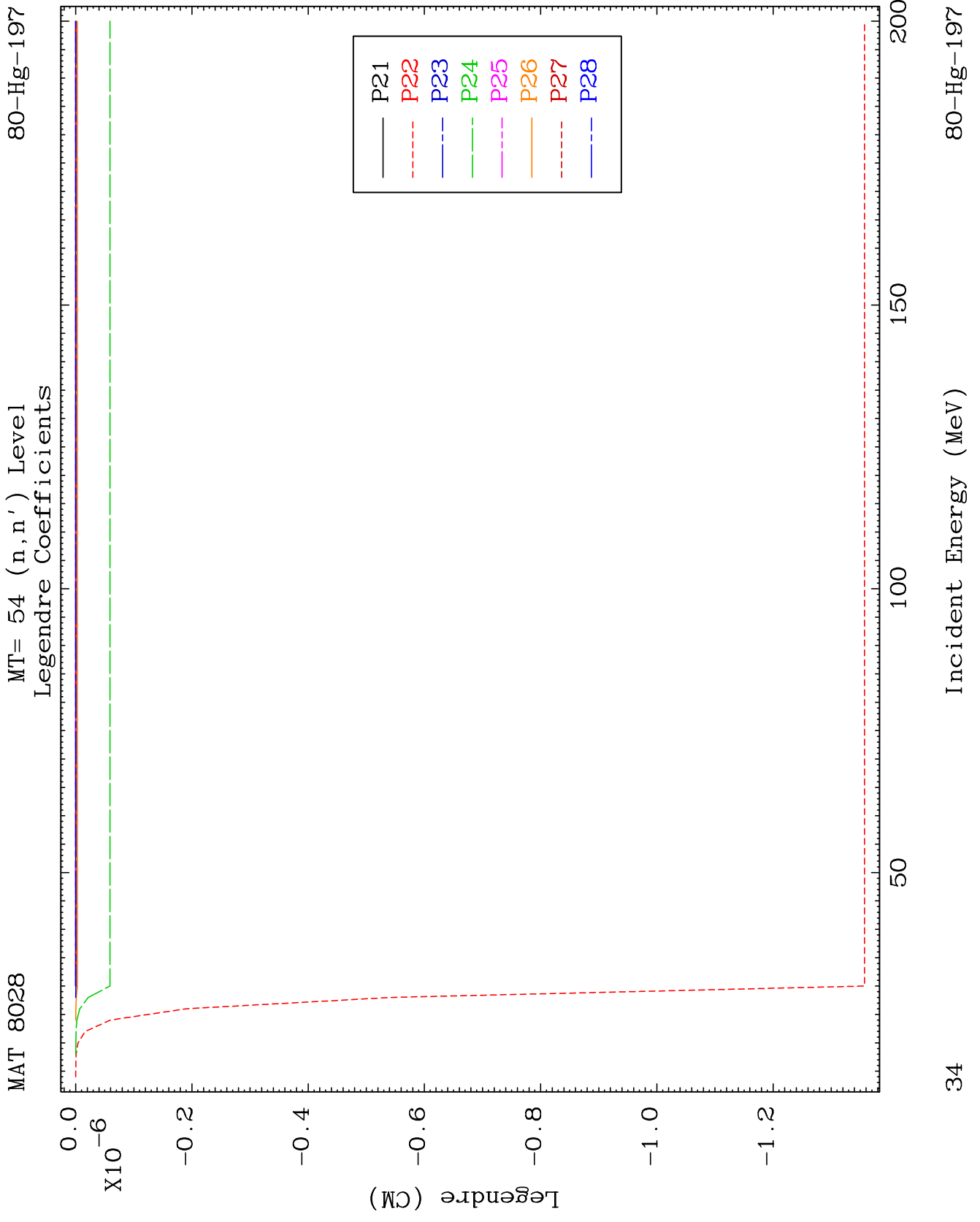
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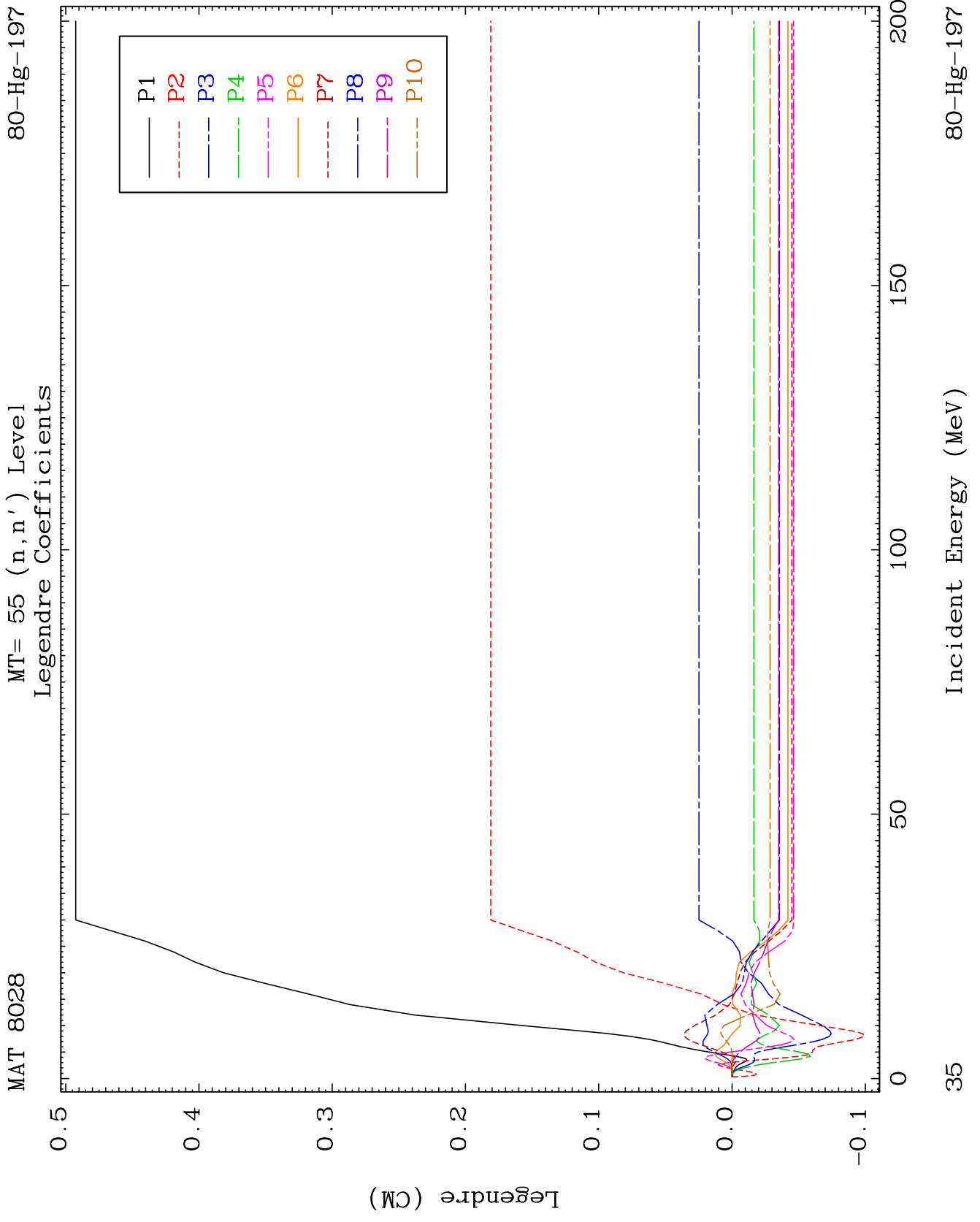


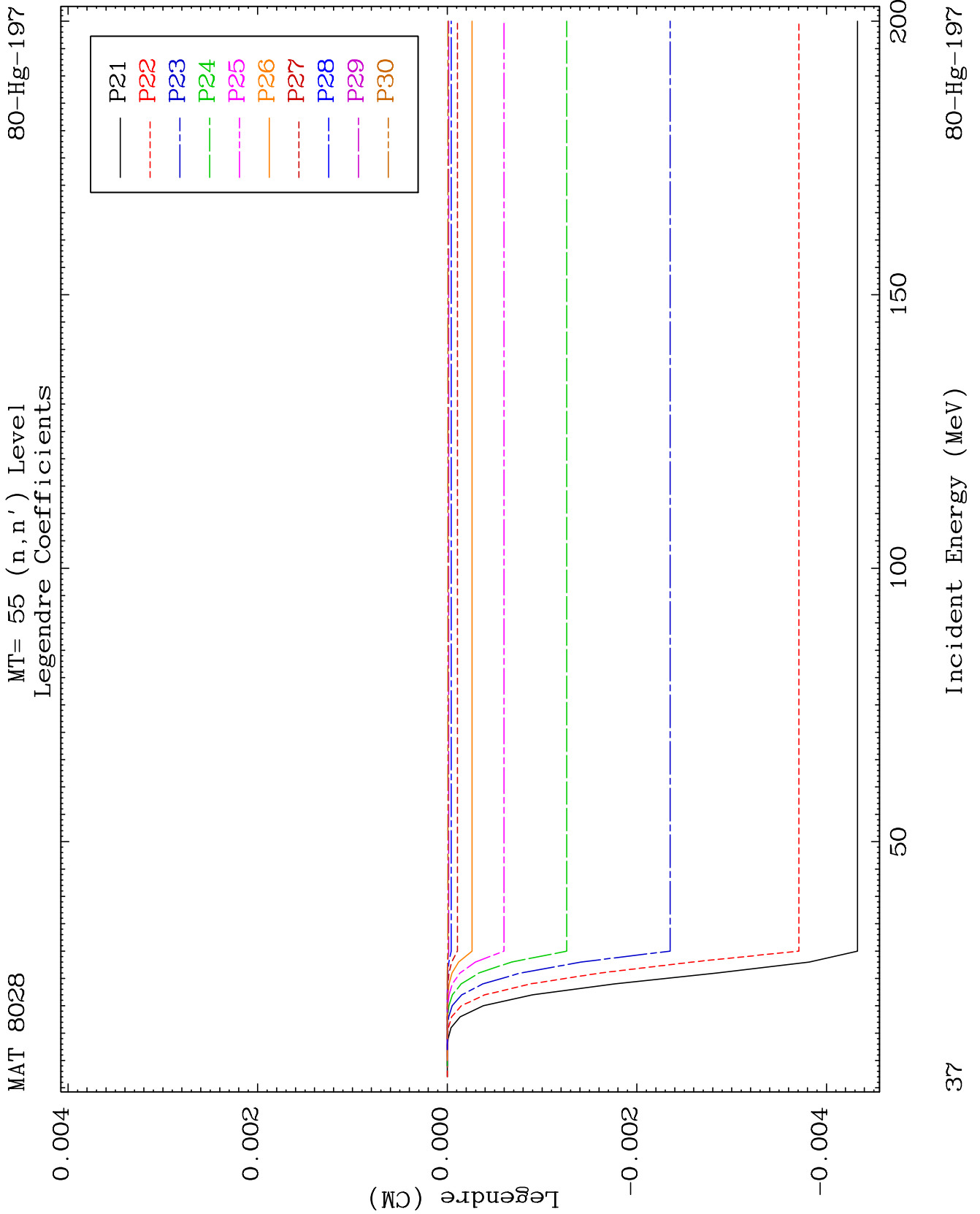
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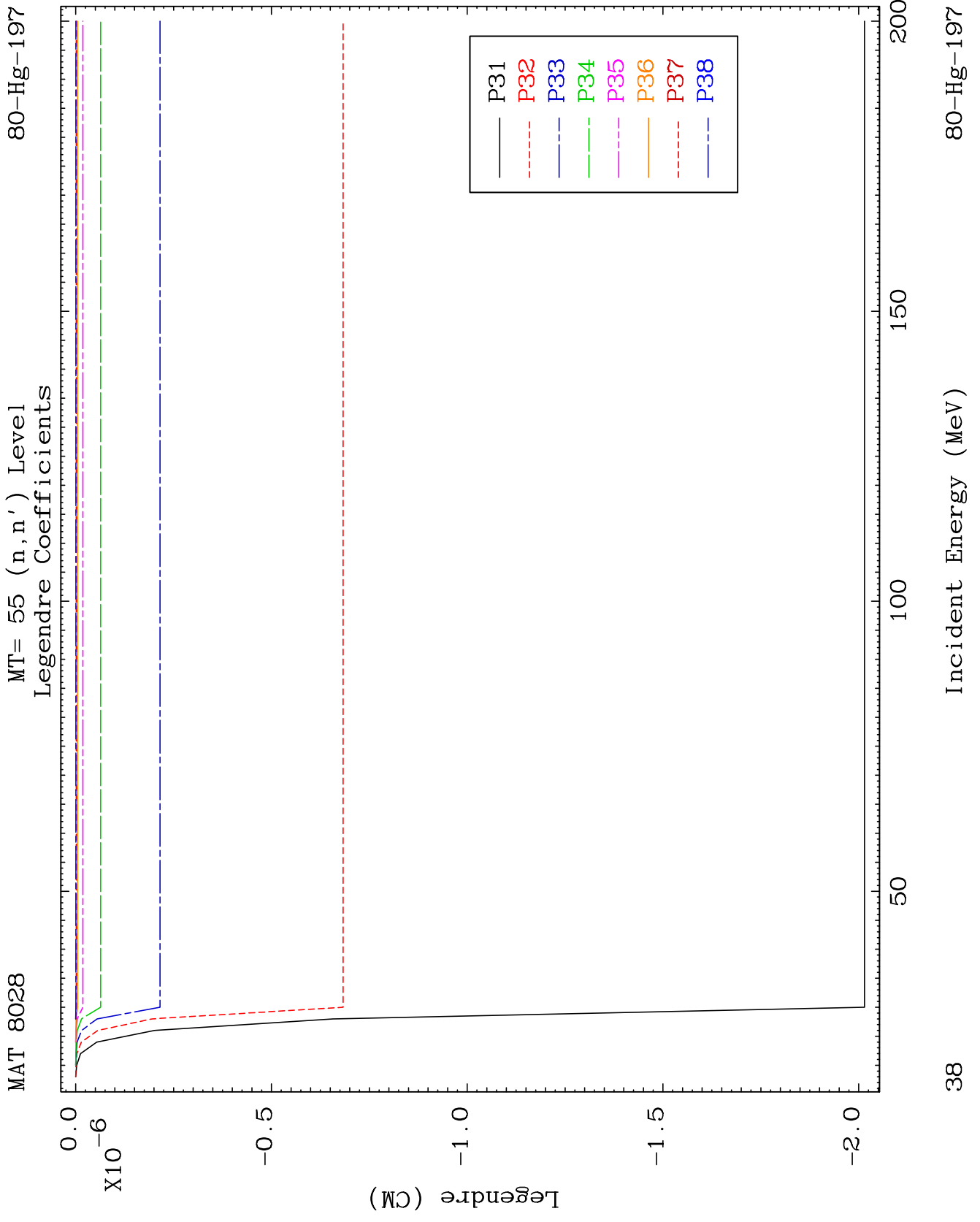
Incident Energy (MeV)

80-Hg-197





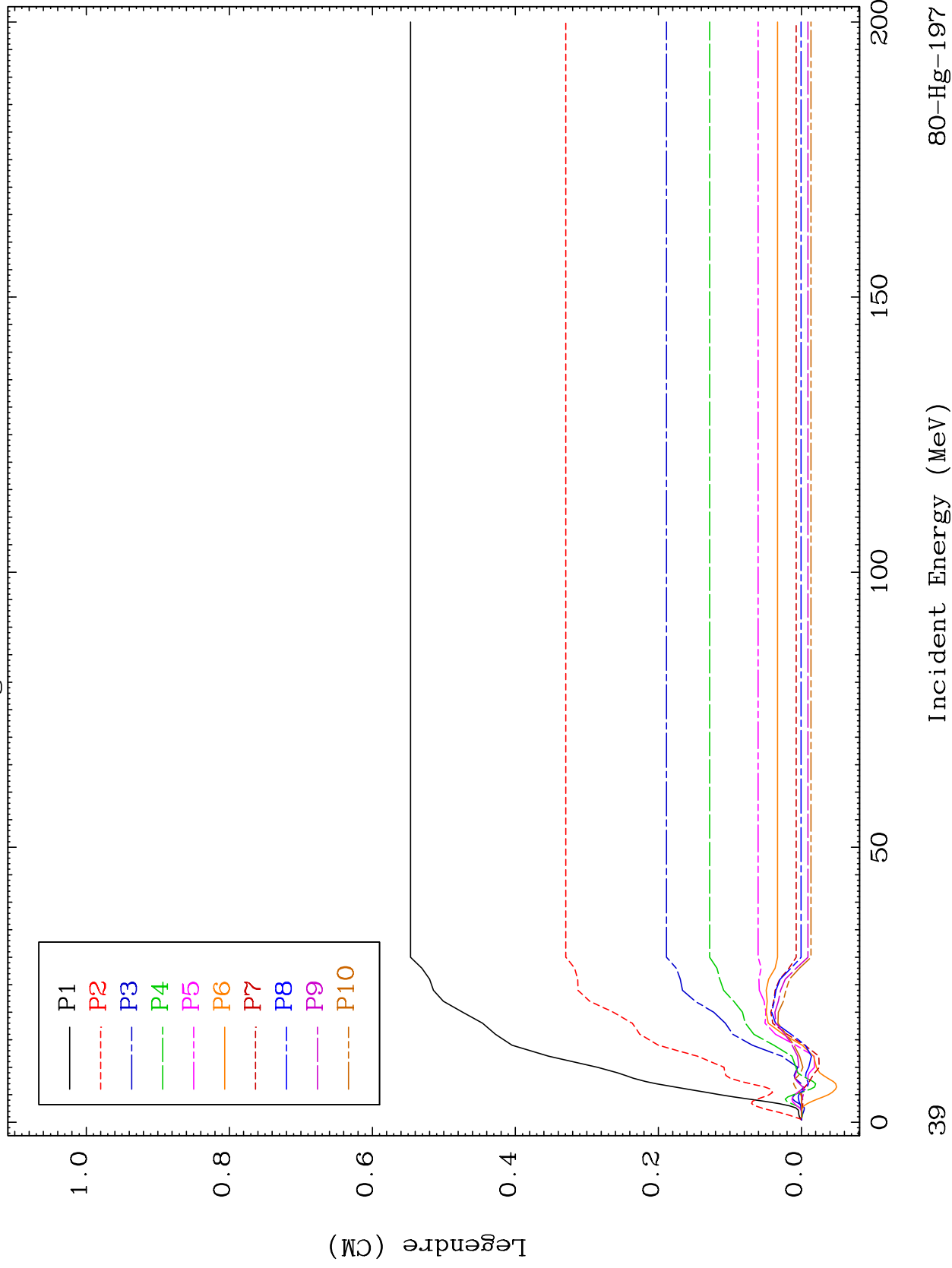




MAT 8028

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

80-Hg-197

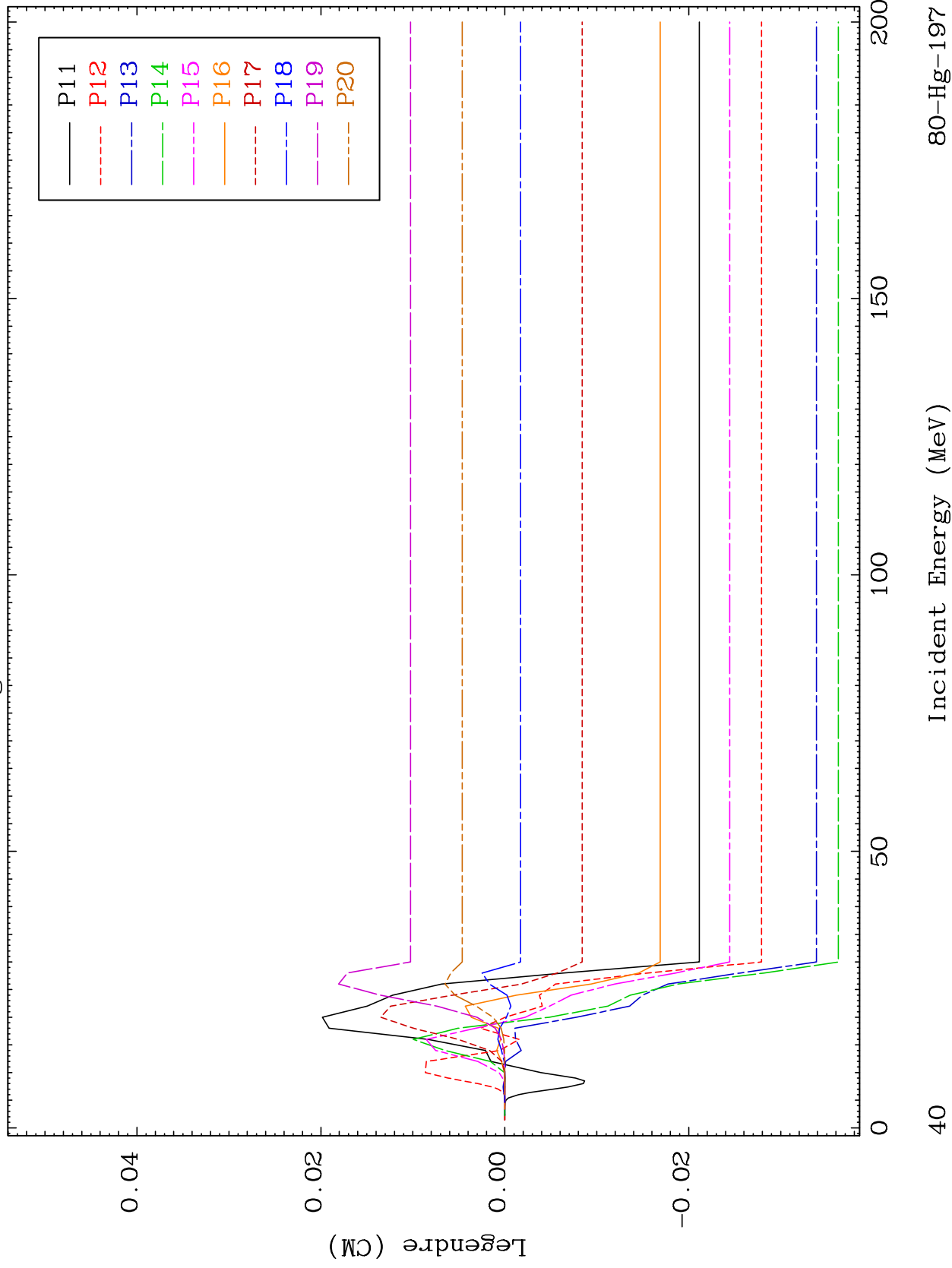


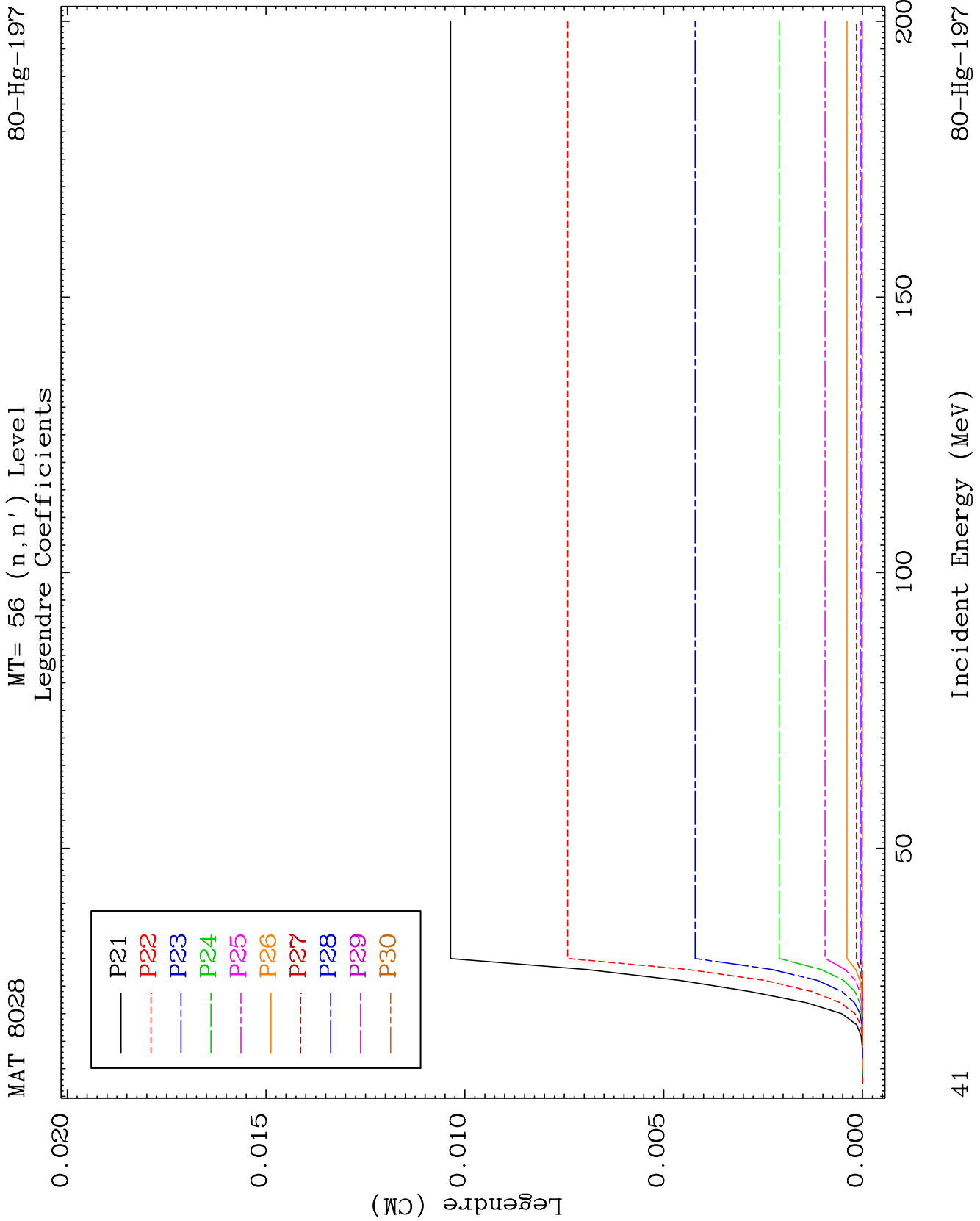
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MAT 8028

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

80-Hg-197

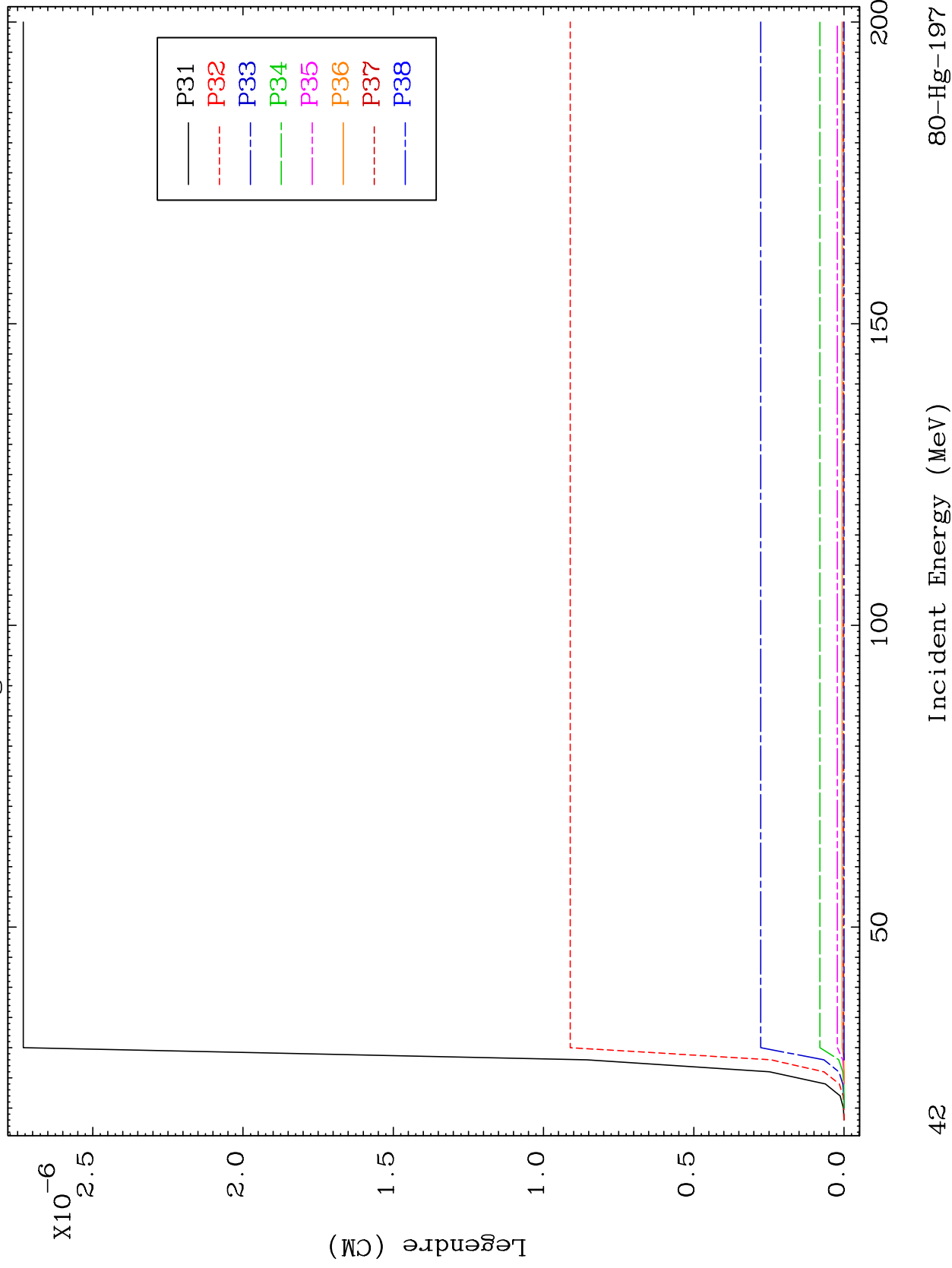




MAT 8028

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

80-Hg-197



42

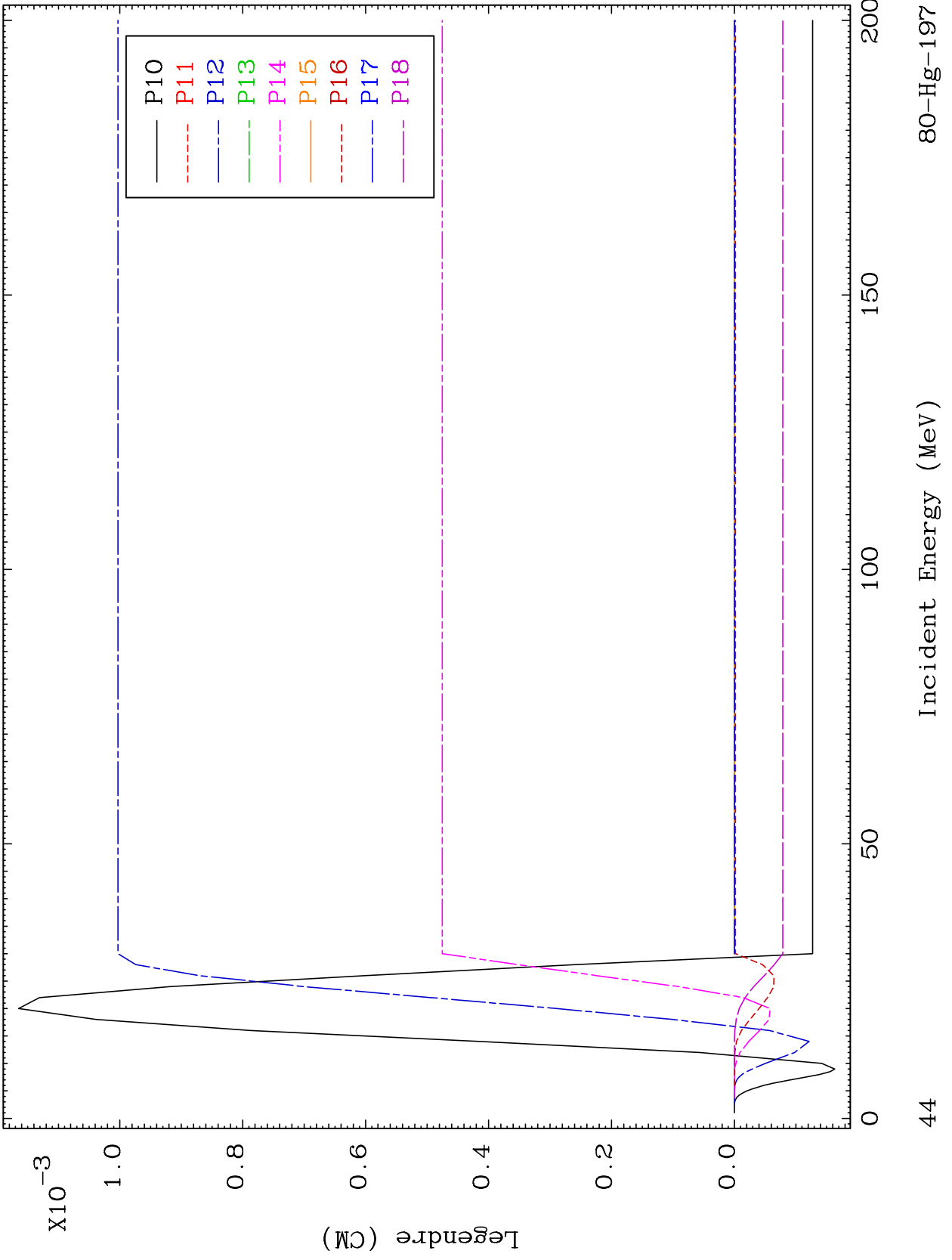
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

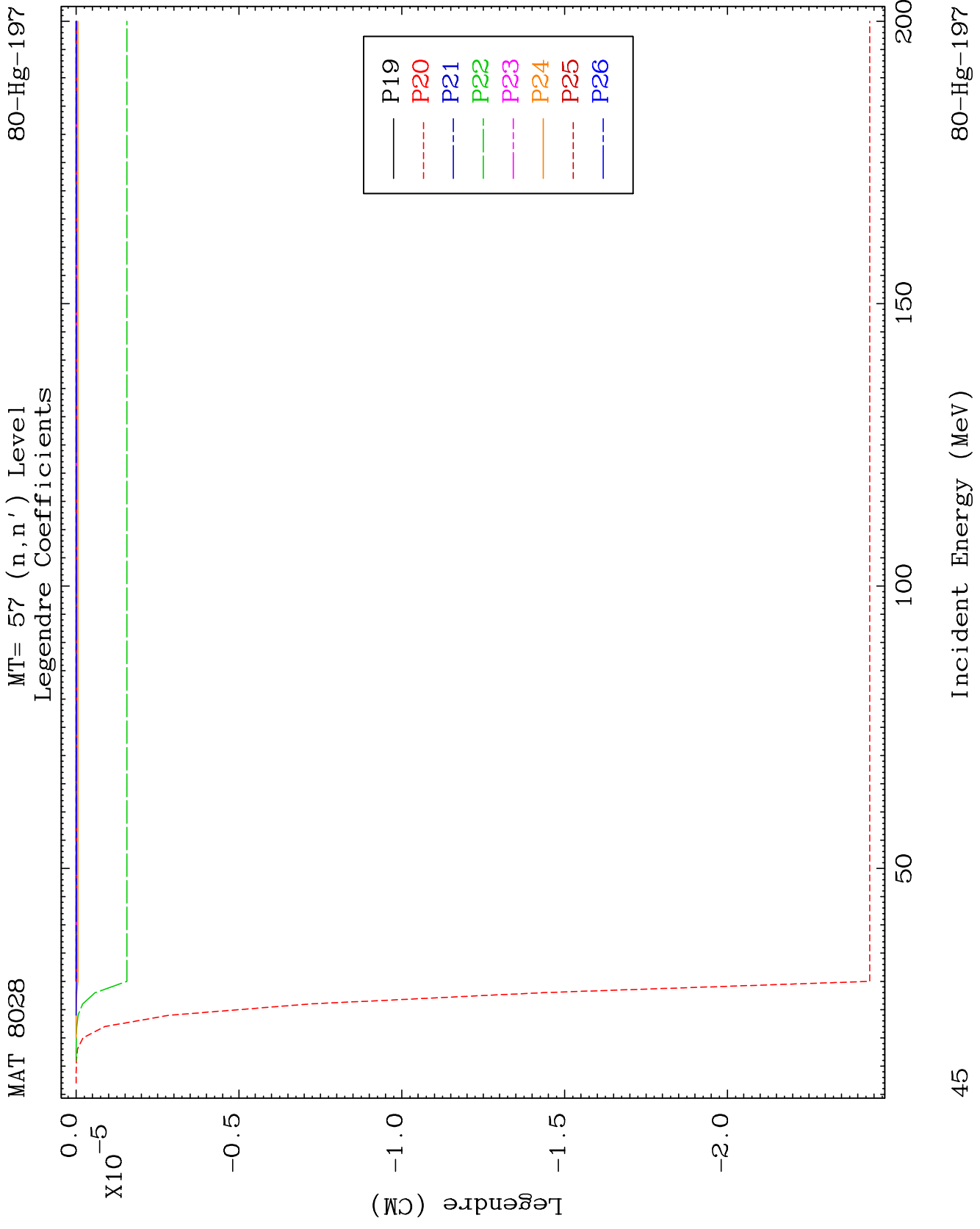
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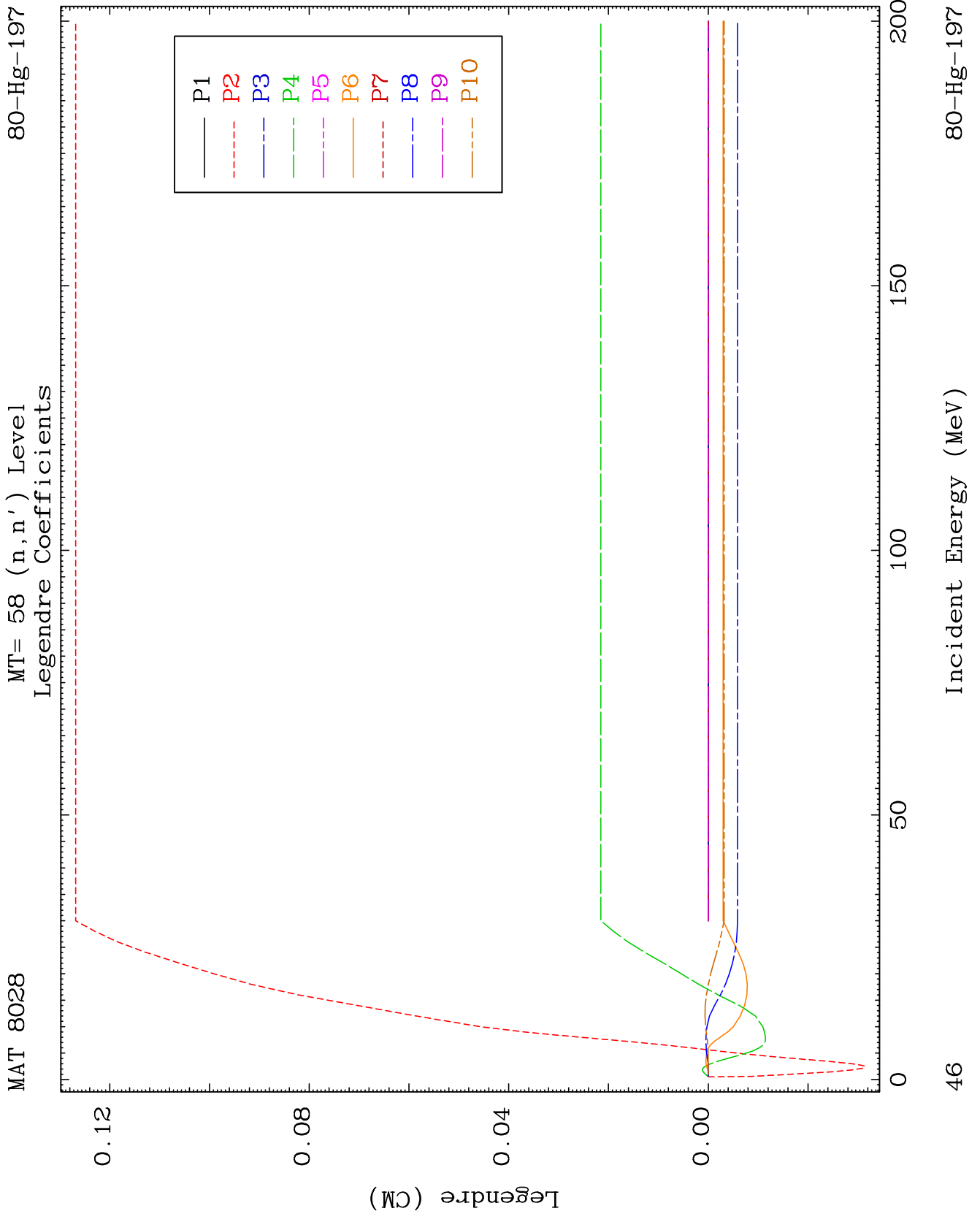


44

Incident Energy (MeV)

80-Hg-197

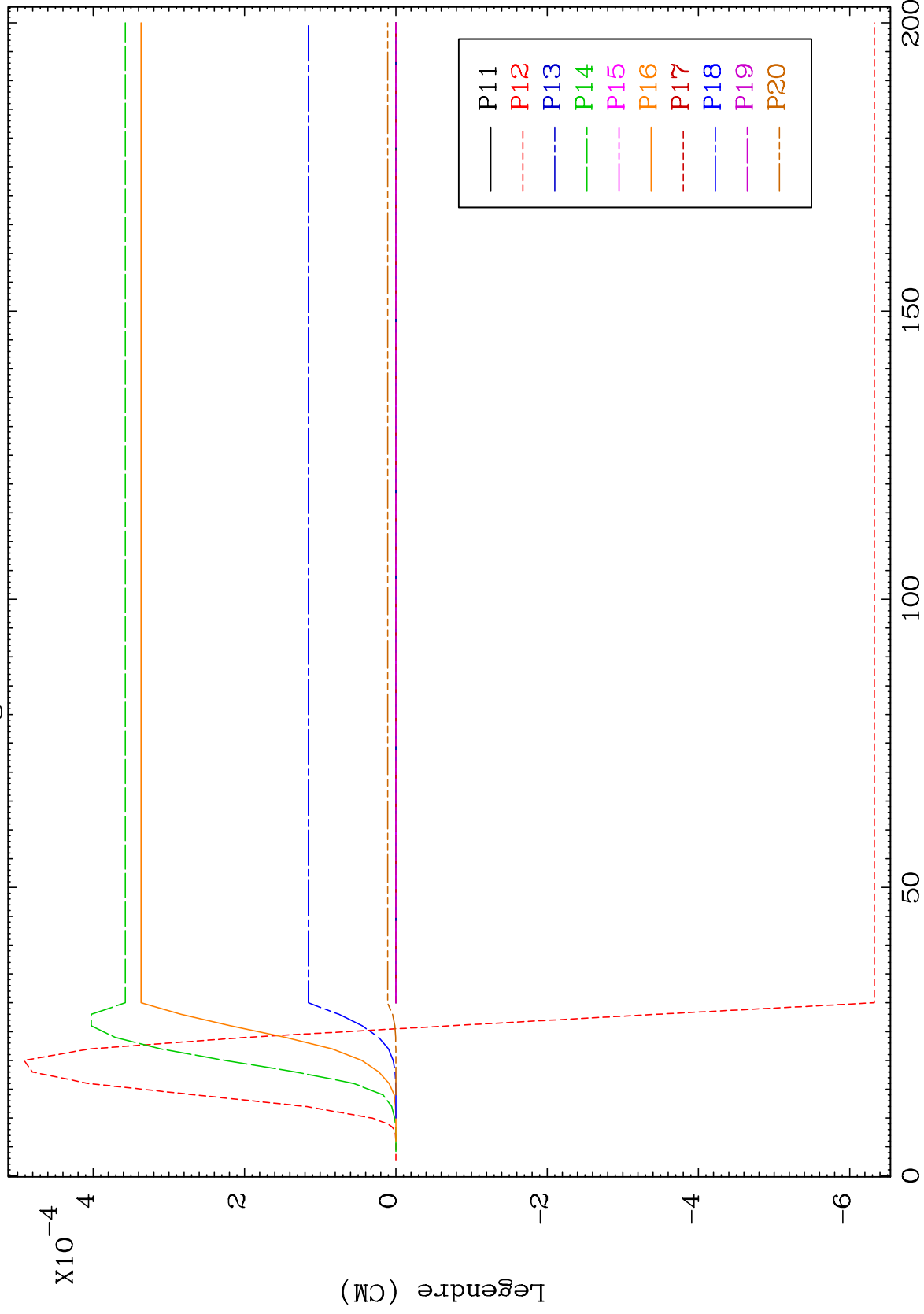




MAT 8028

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

80-Hg-197



47

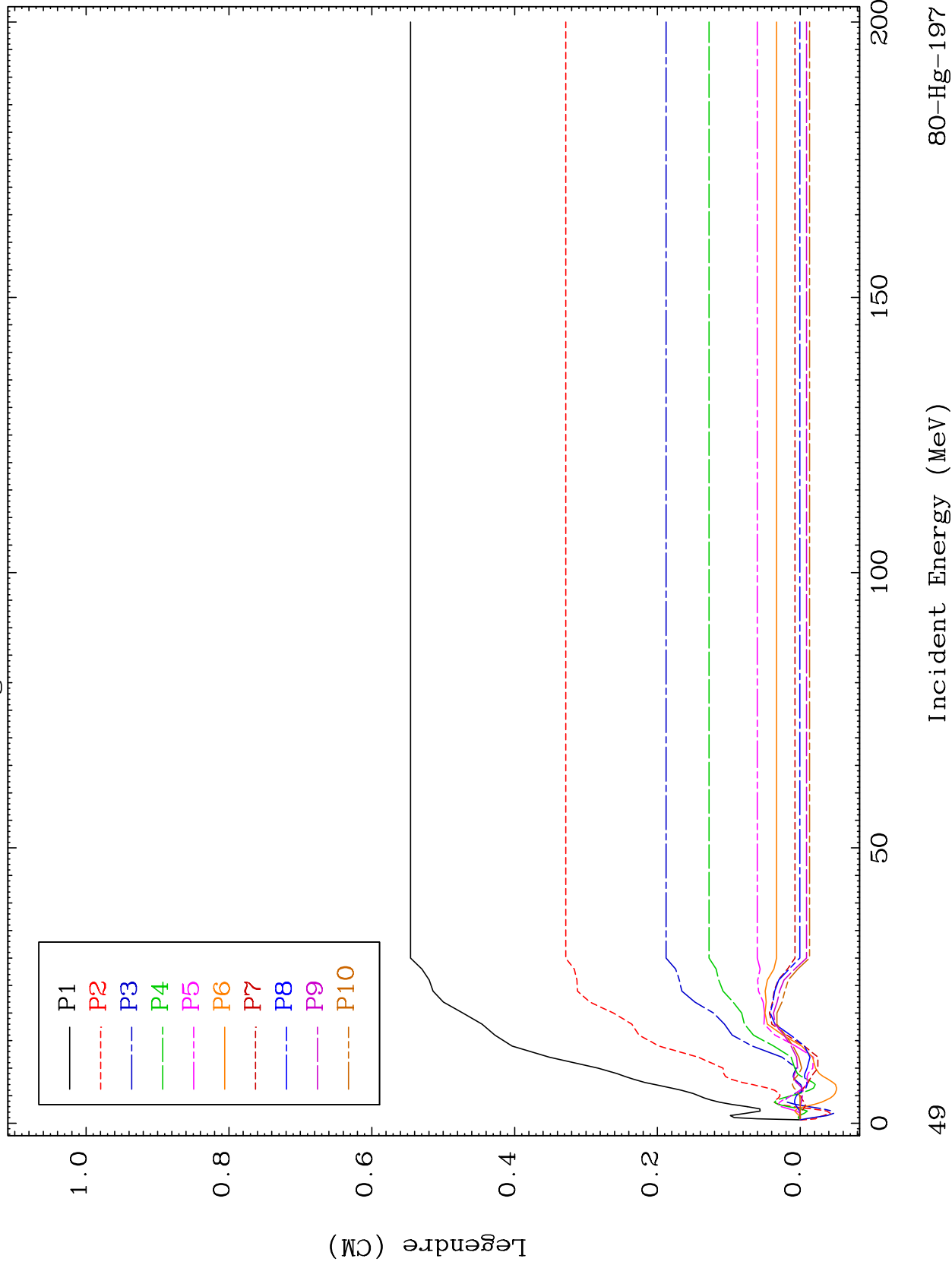
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197

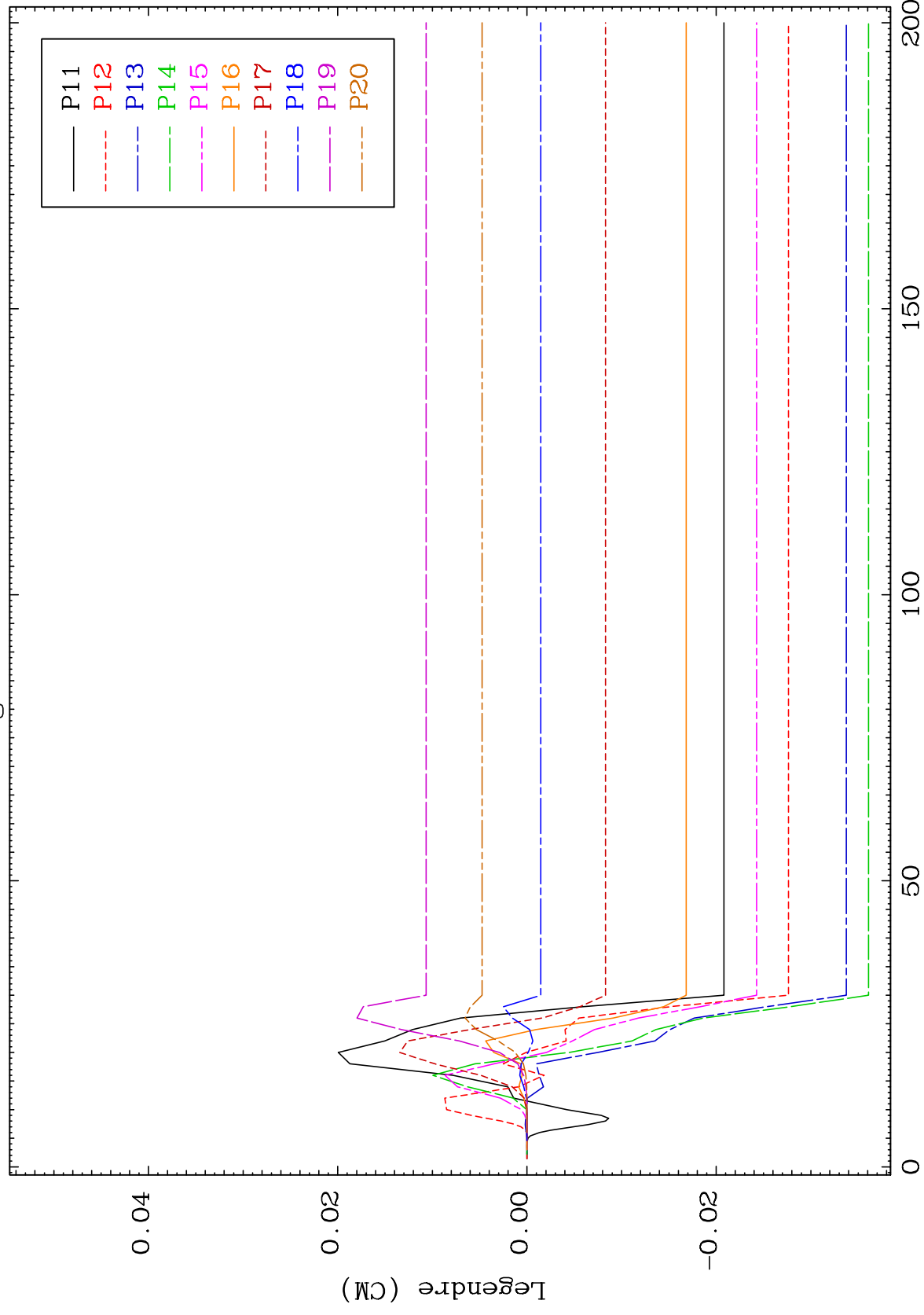


49

MAT 8028

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

80-Hg-197



80-Hg-197

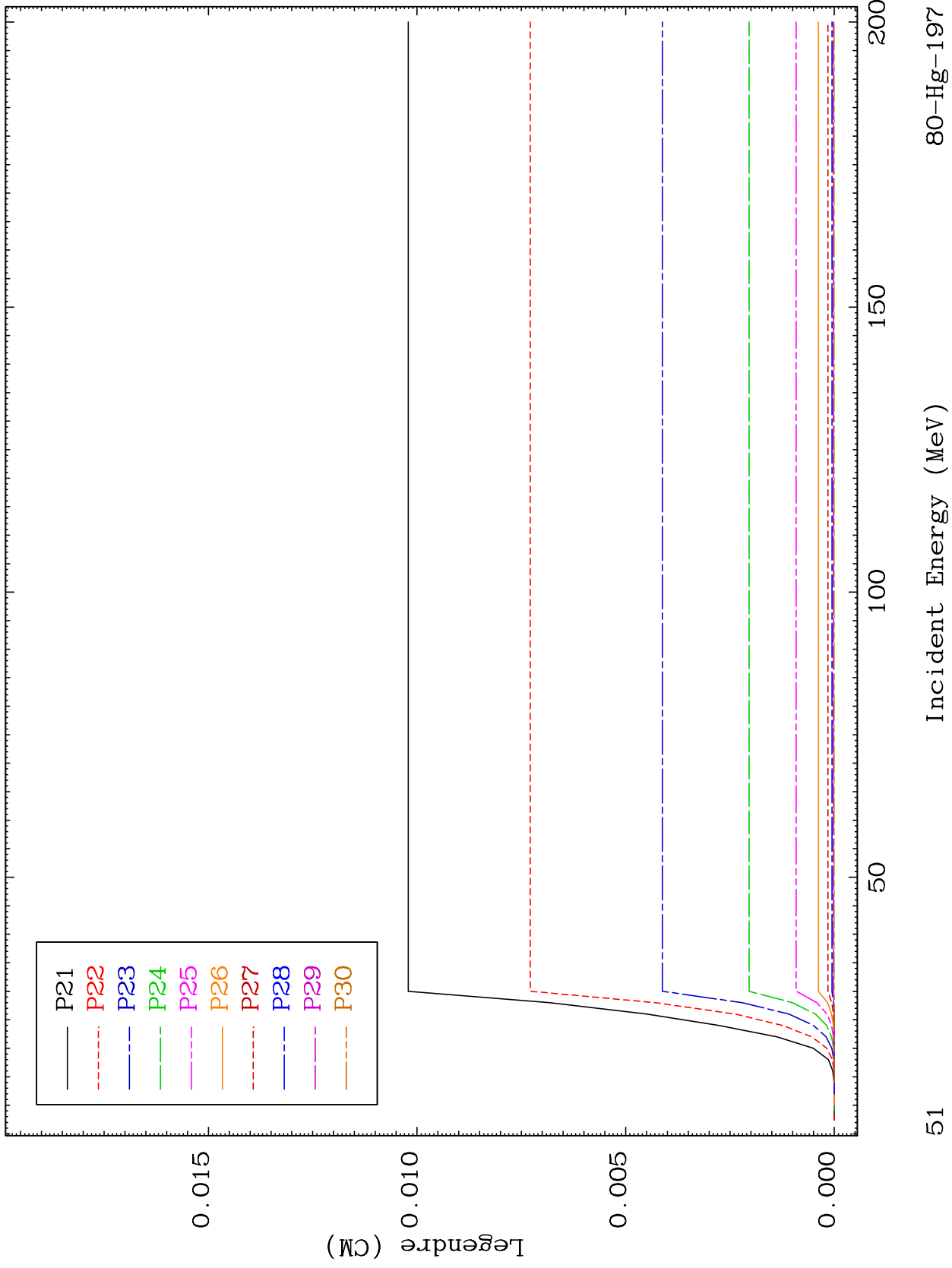
Incident Energy (MeV)

50

MAT 8028

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

80-Hg-197



51

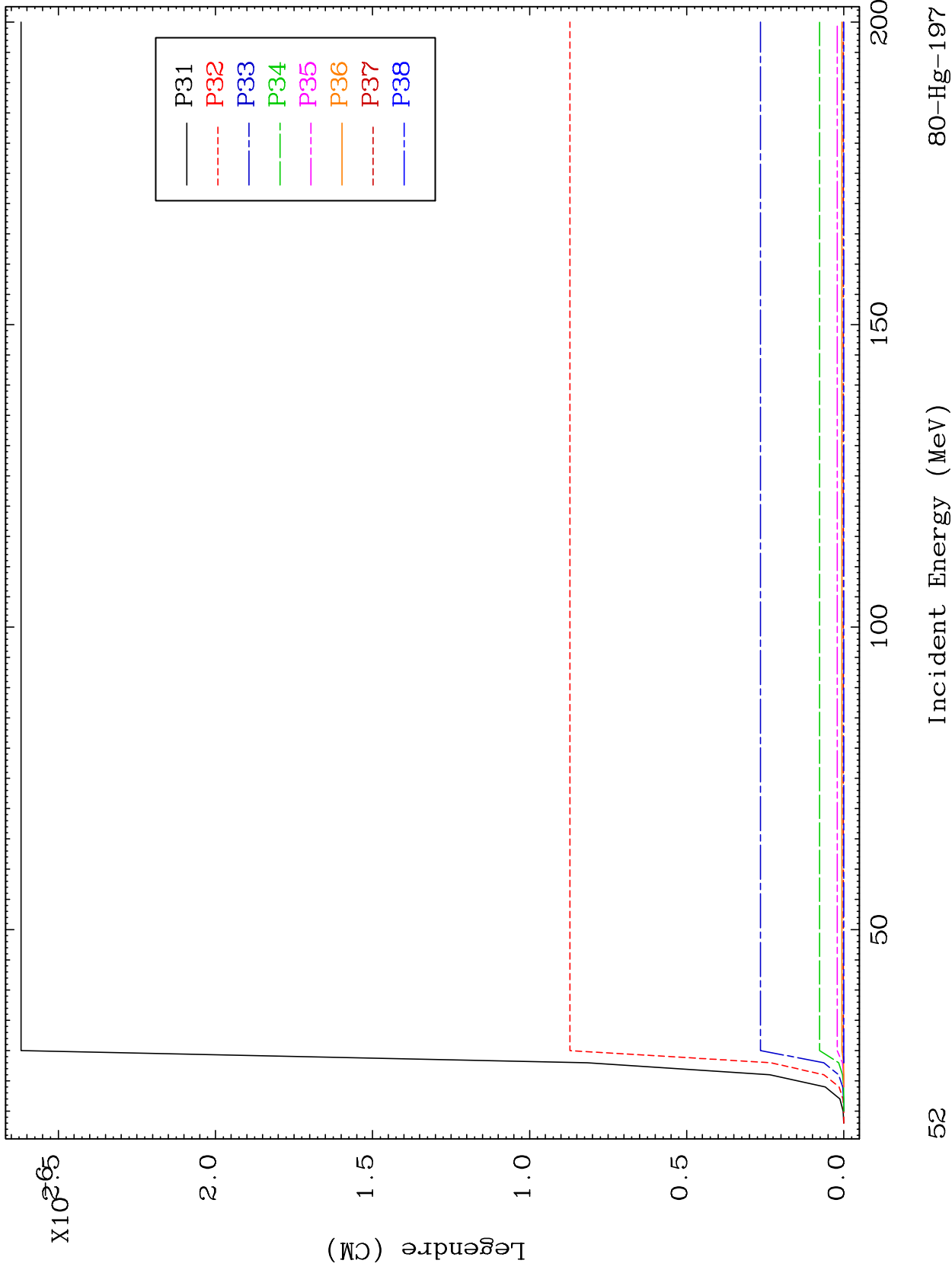
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



52

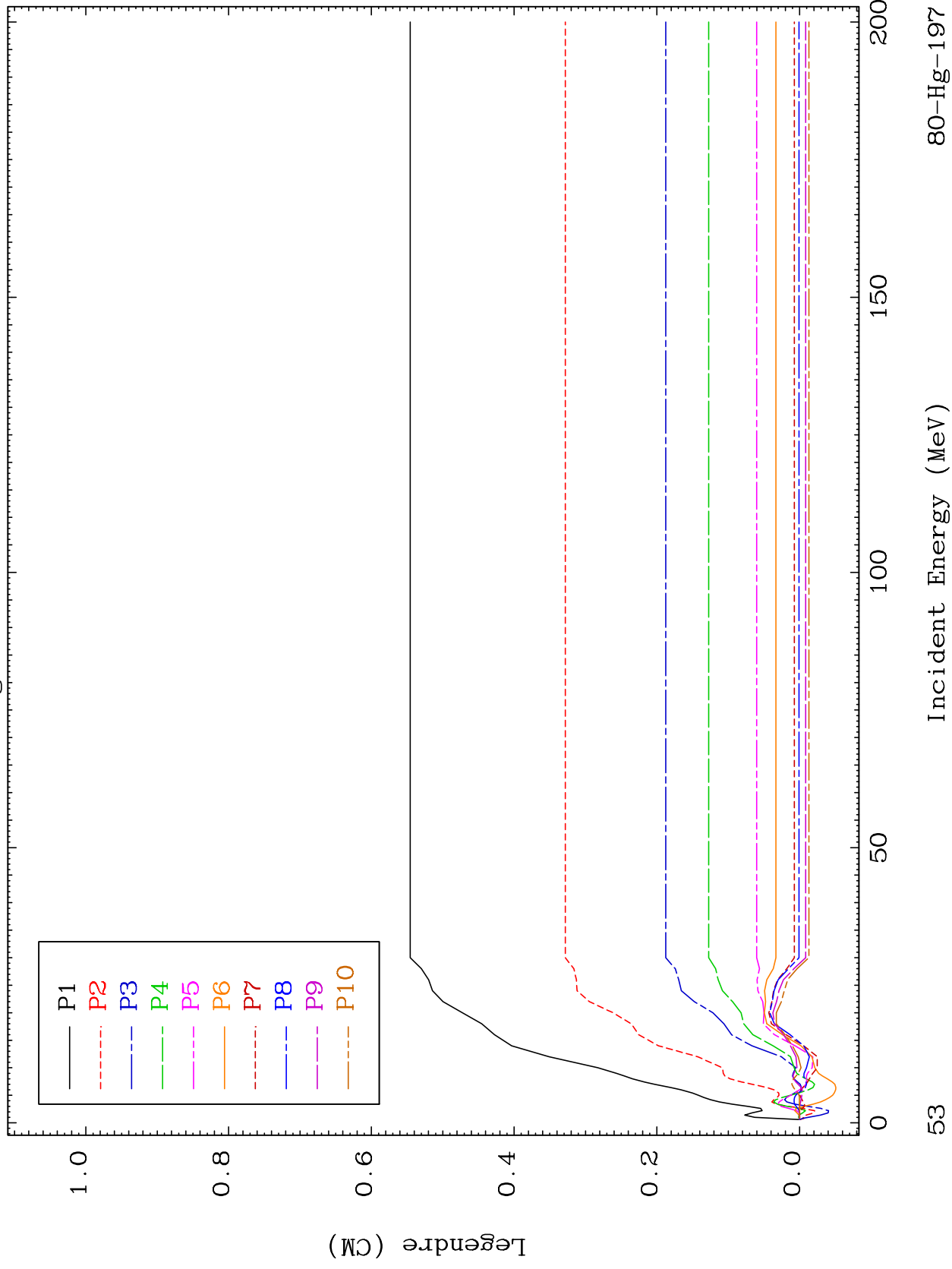
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

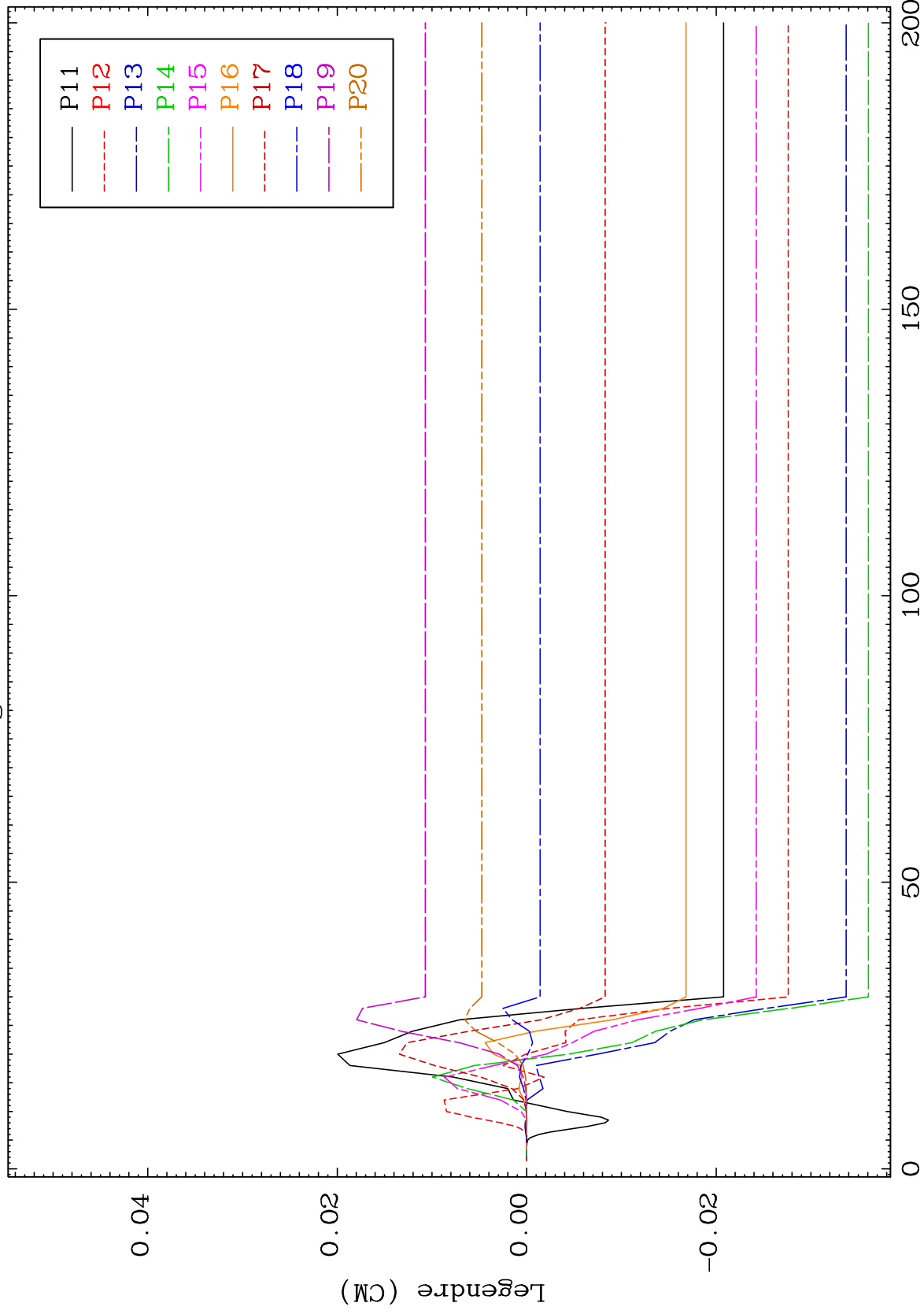
80-Hg-197



MAT 8028

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

80-Hg-197



54

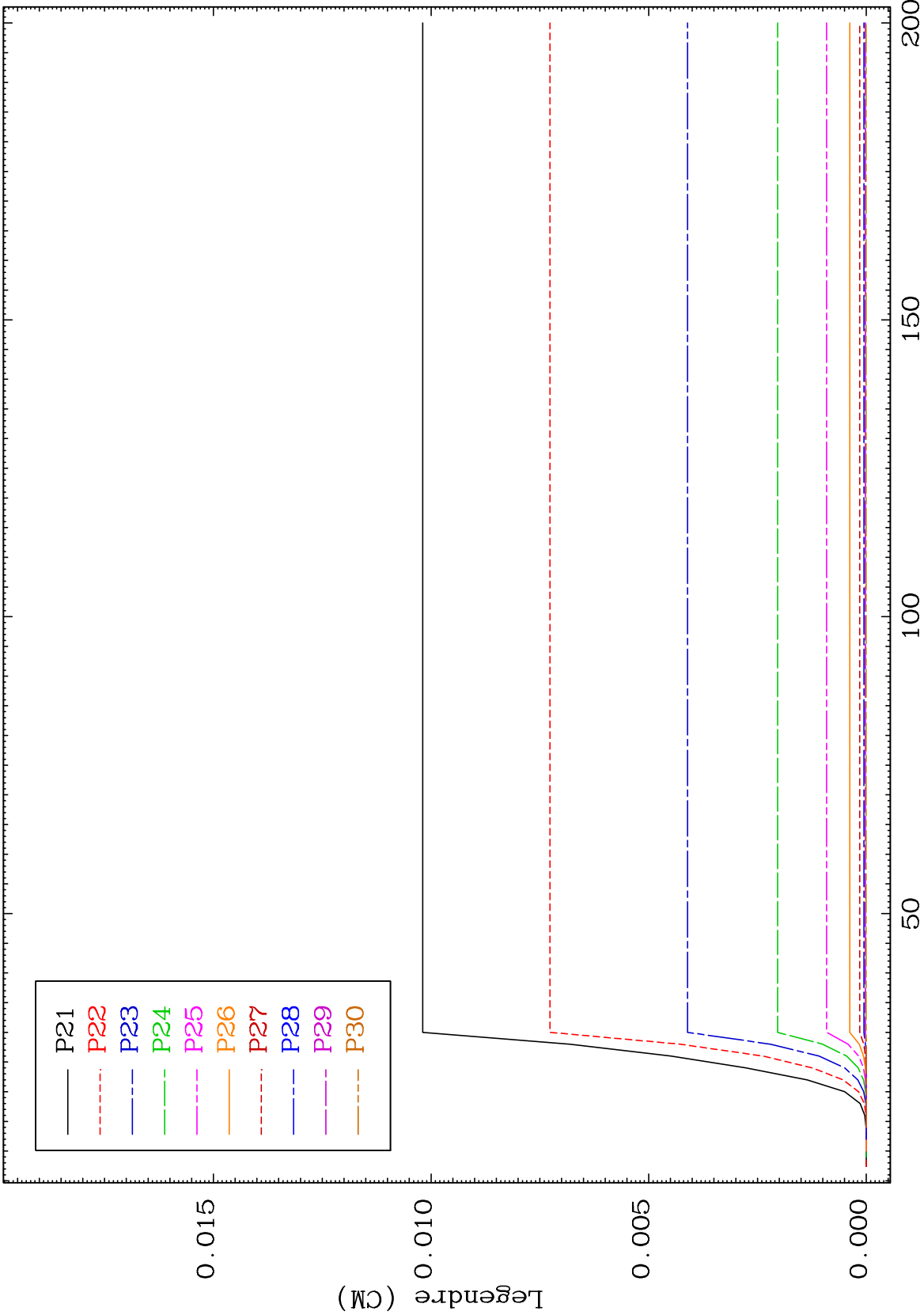
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



55

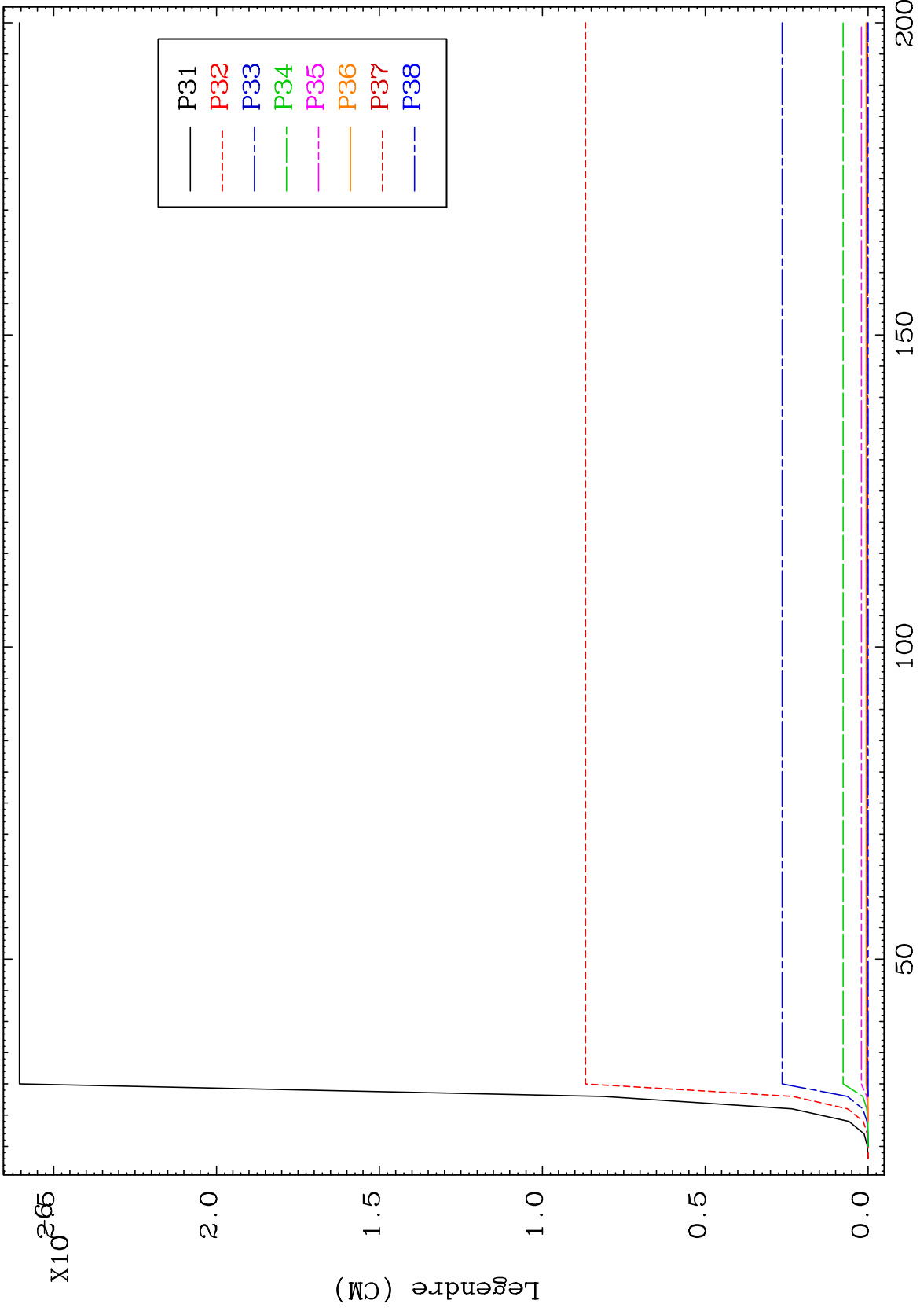
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

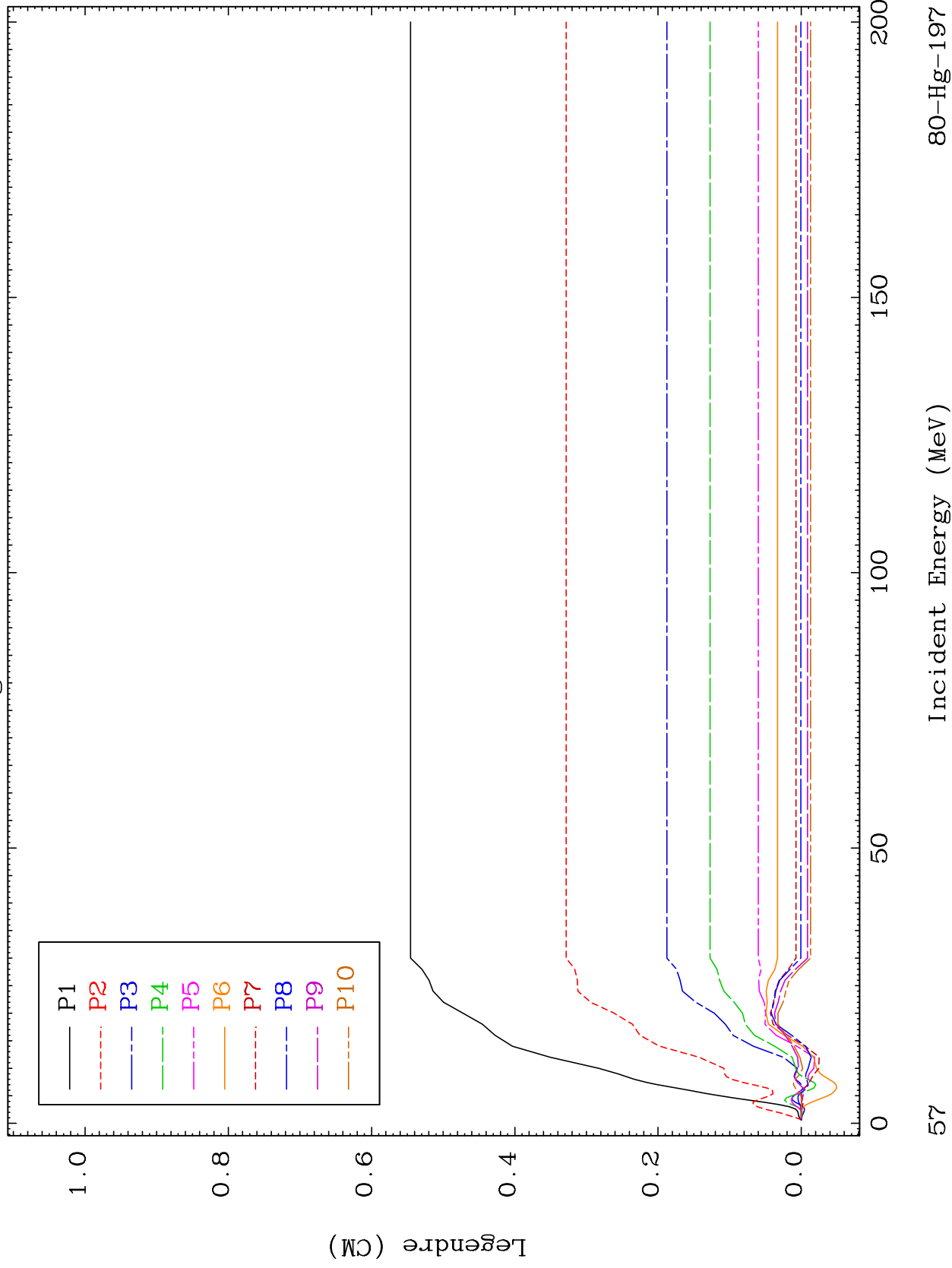
Incident Energy (MeV)

56

MAT 8028

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

80-Hg-197



57

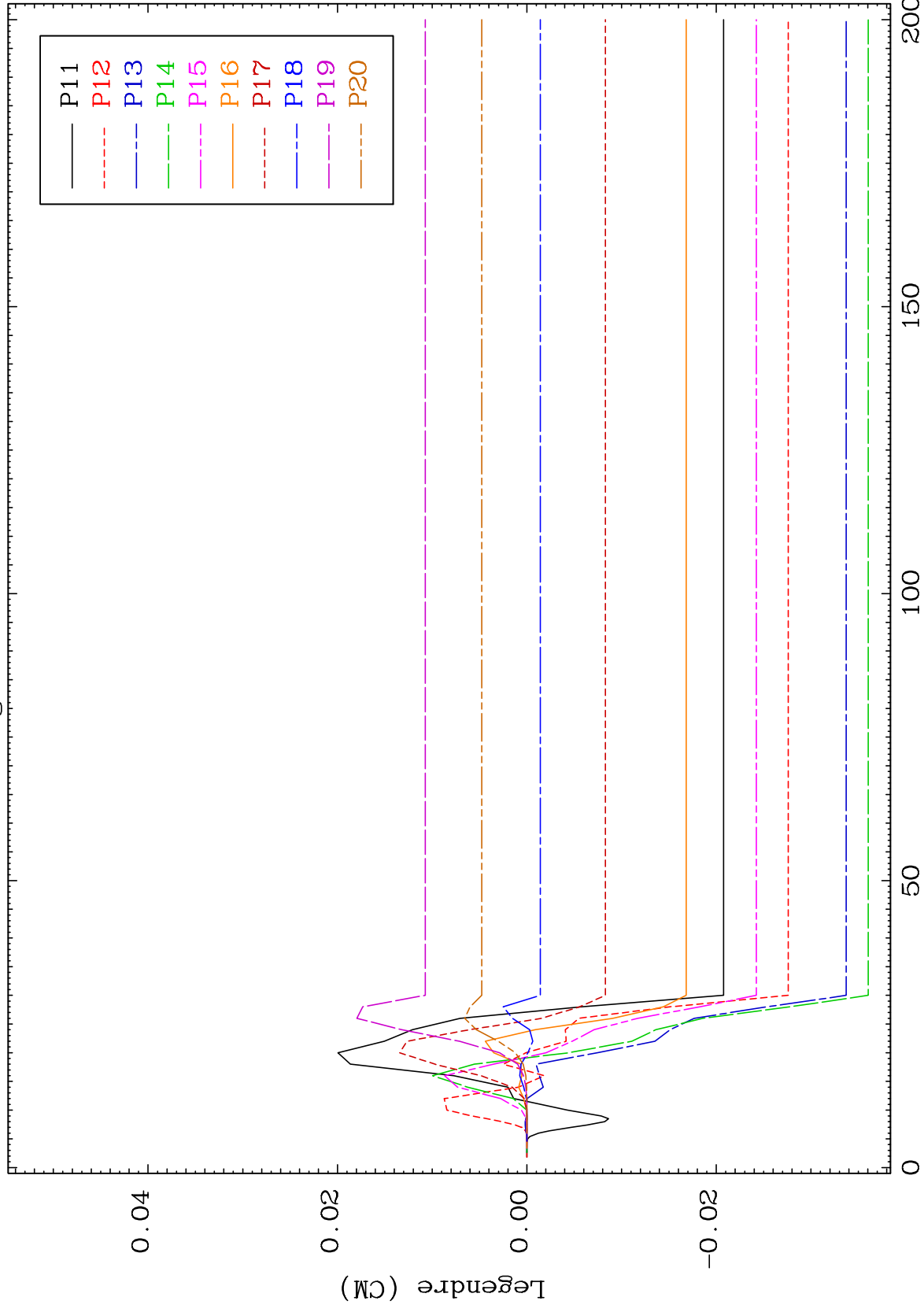
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



58

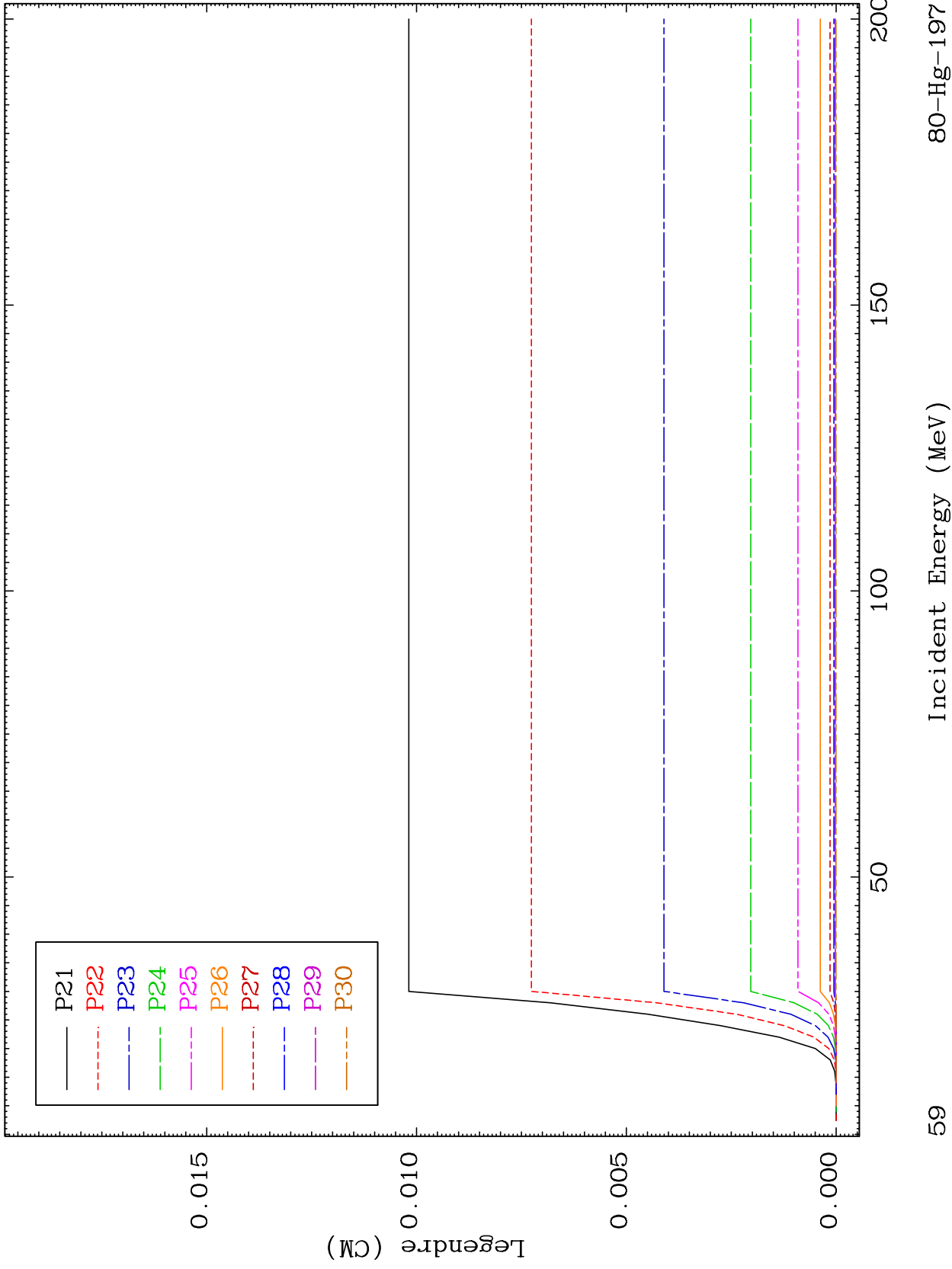
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



59

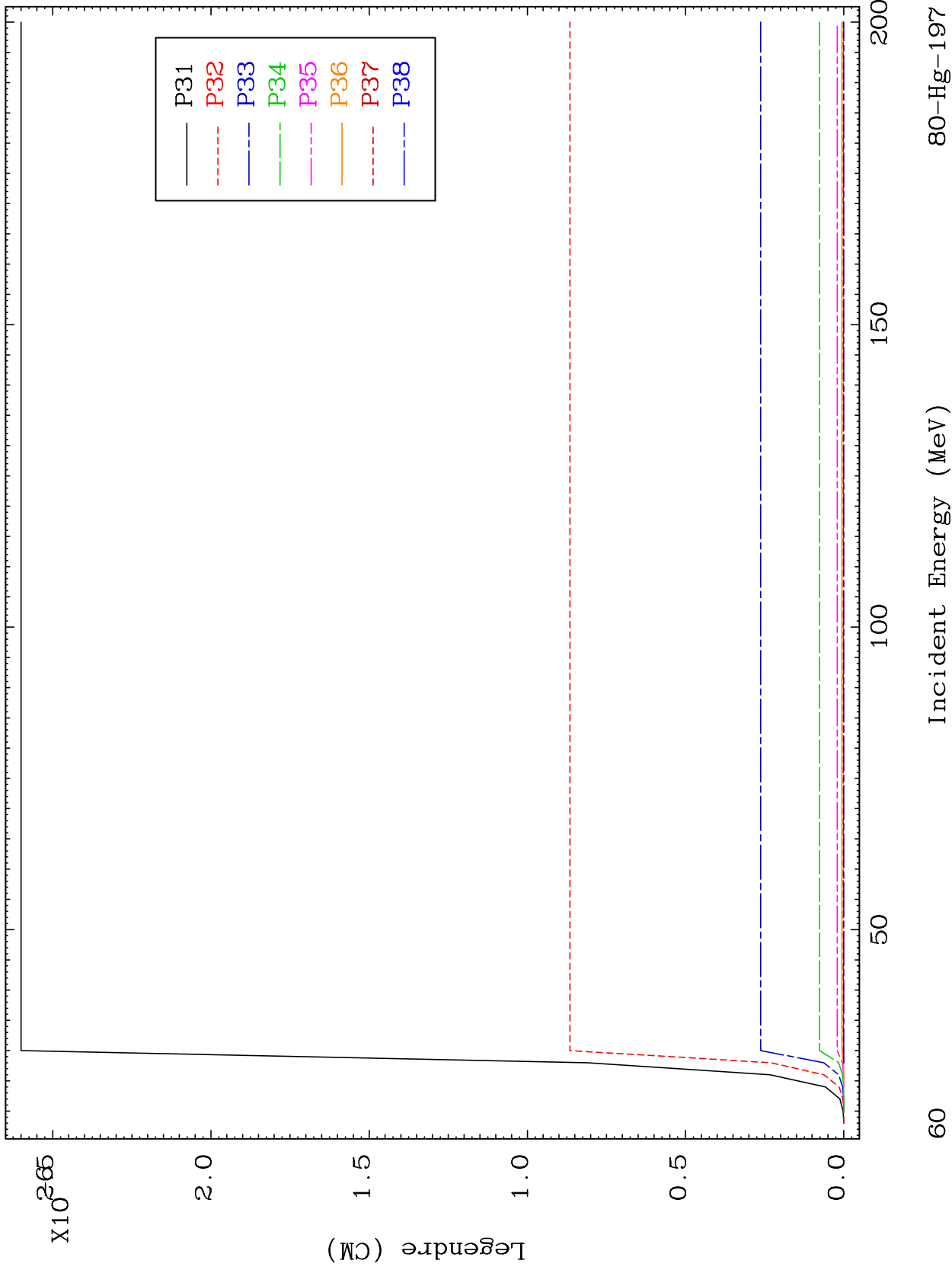
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197

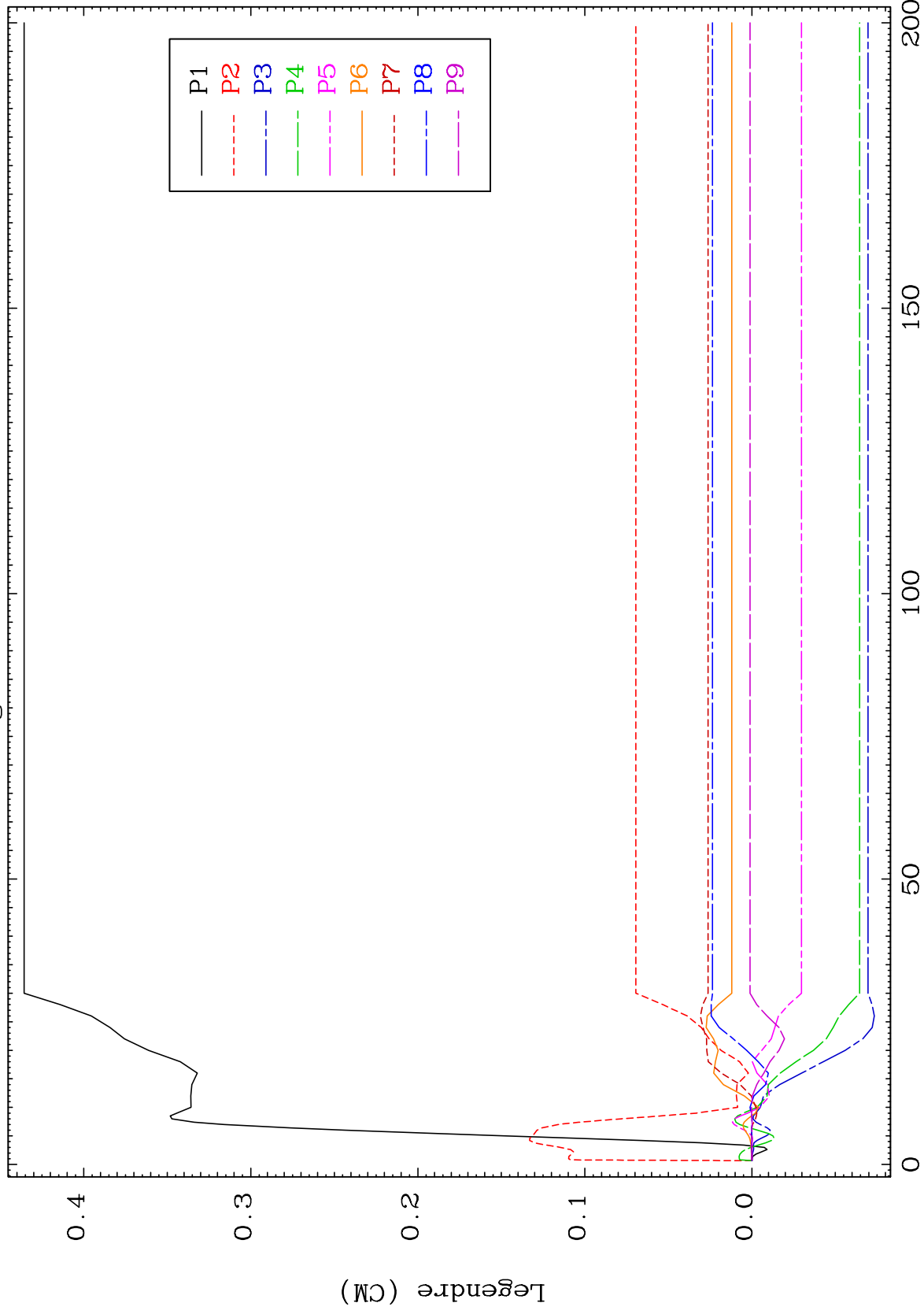


80-Hg-197

MAT 8028

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

80-Hg-197



61

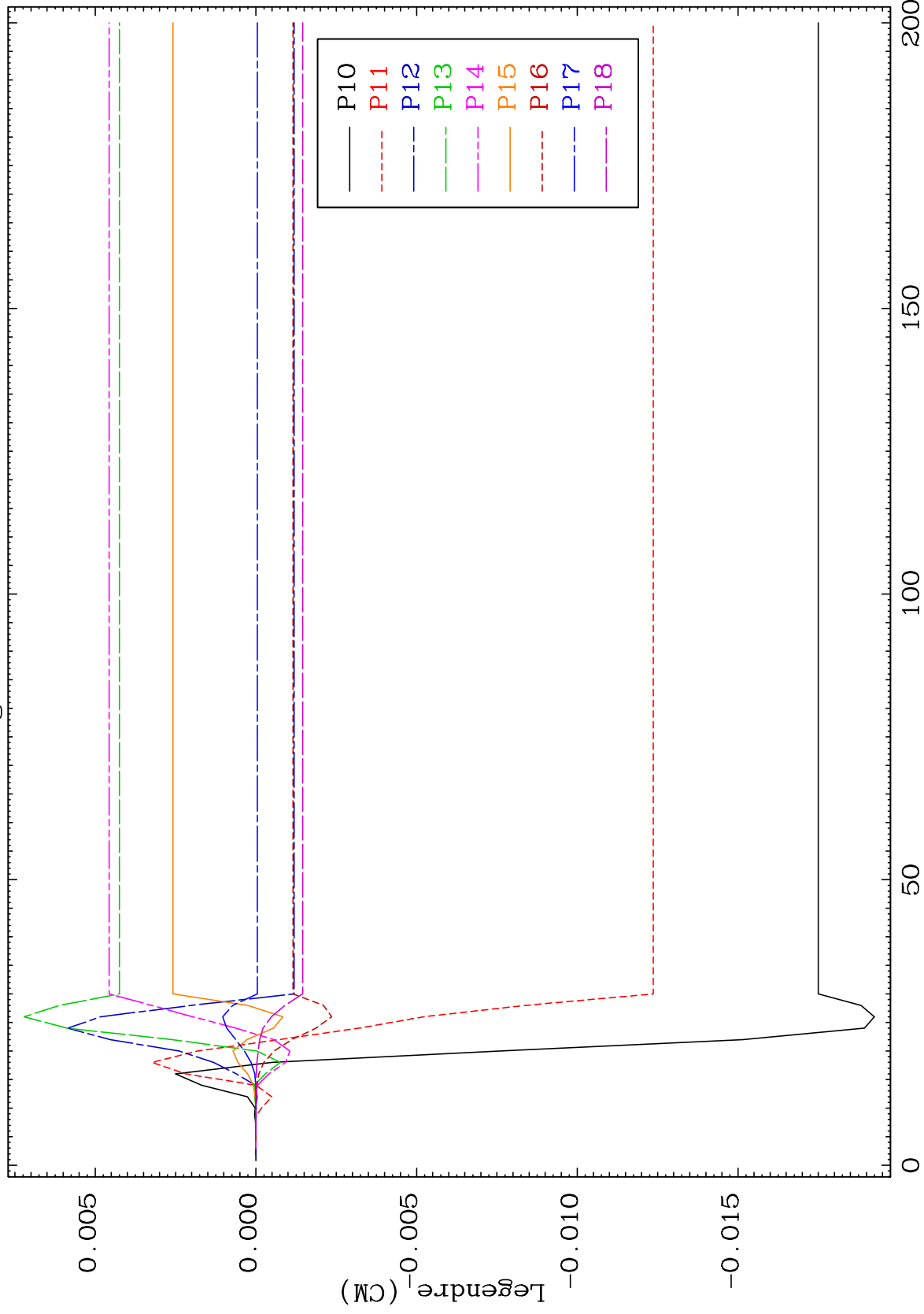
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



62

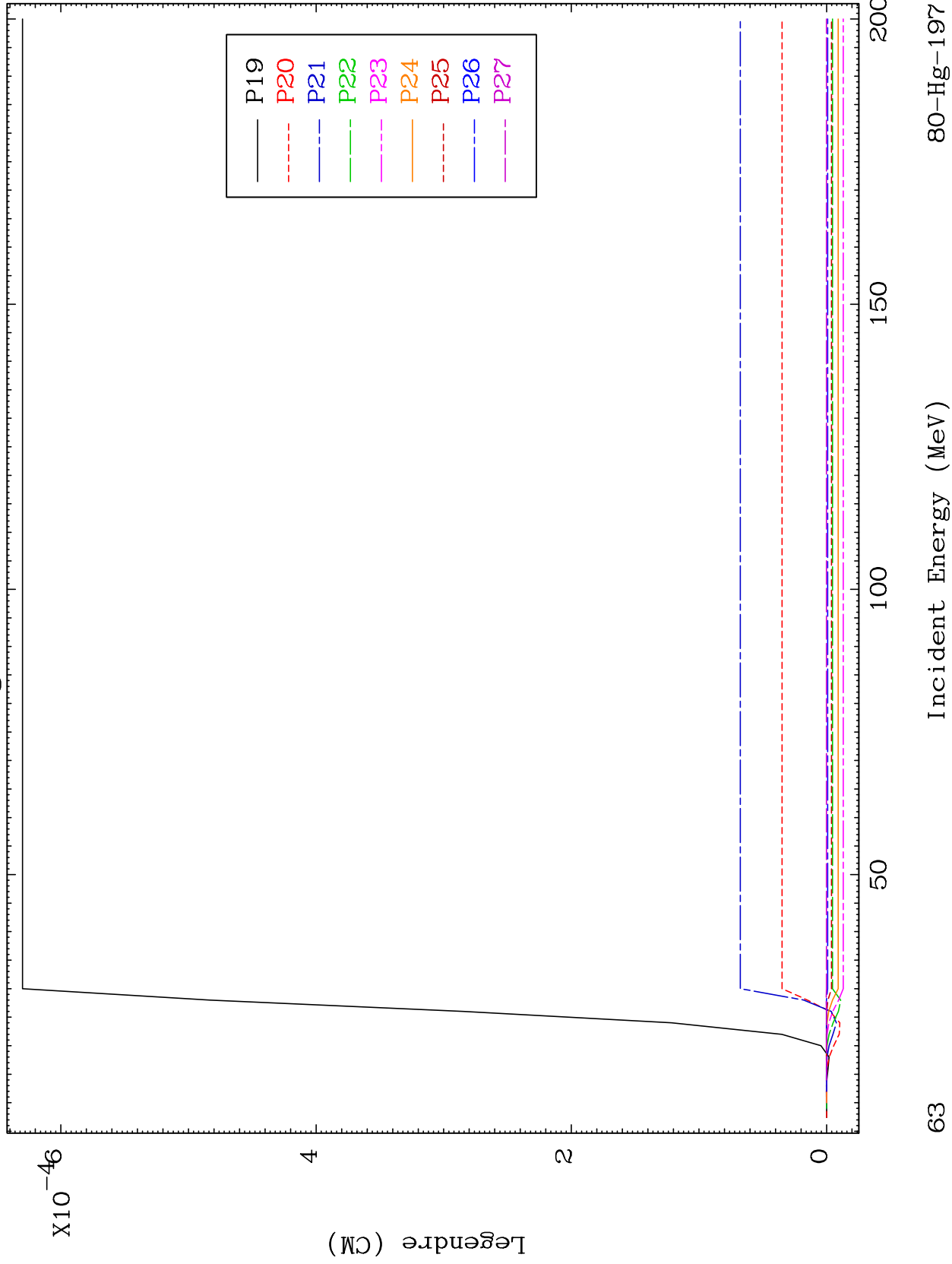
Incident Energy (MeV)

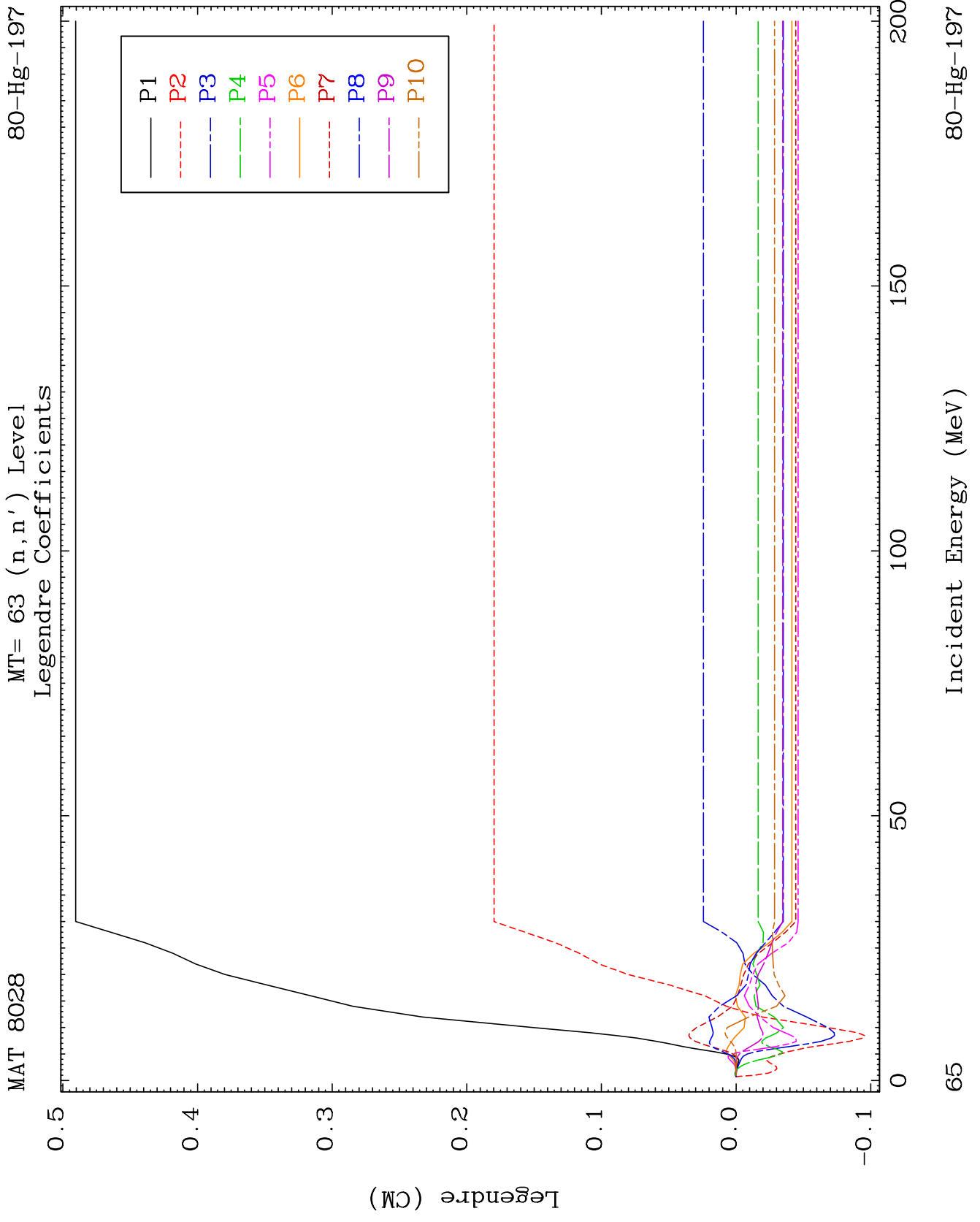
80-Hg-197

MAT 8028

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

80-Hg-197

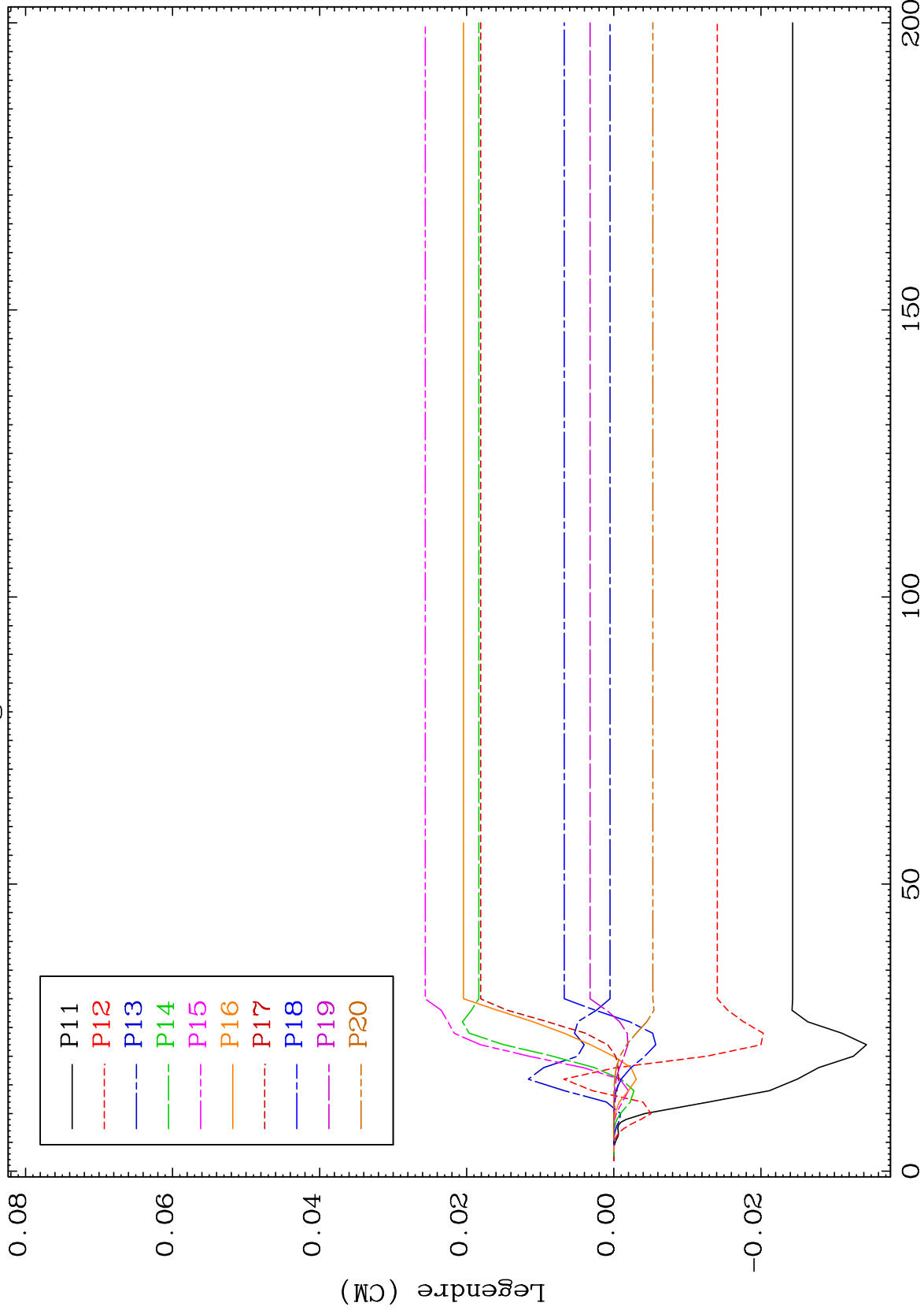




MAT 8028

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

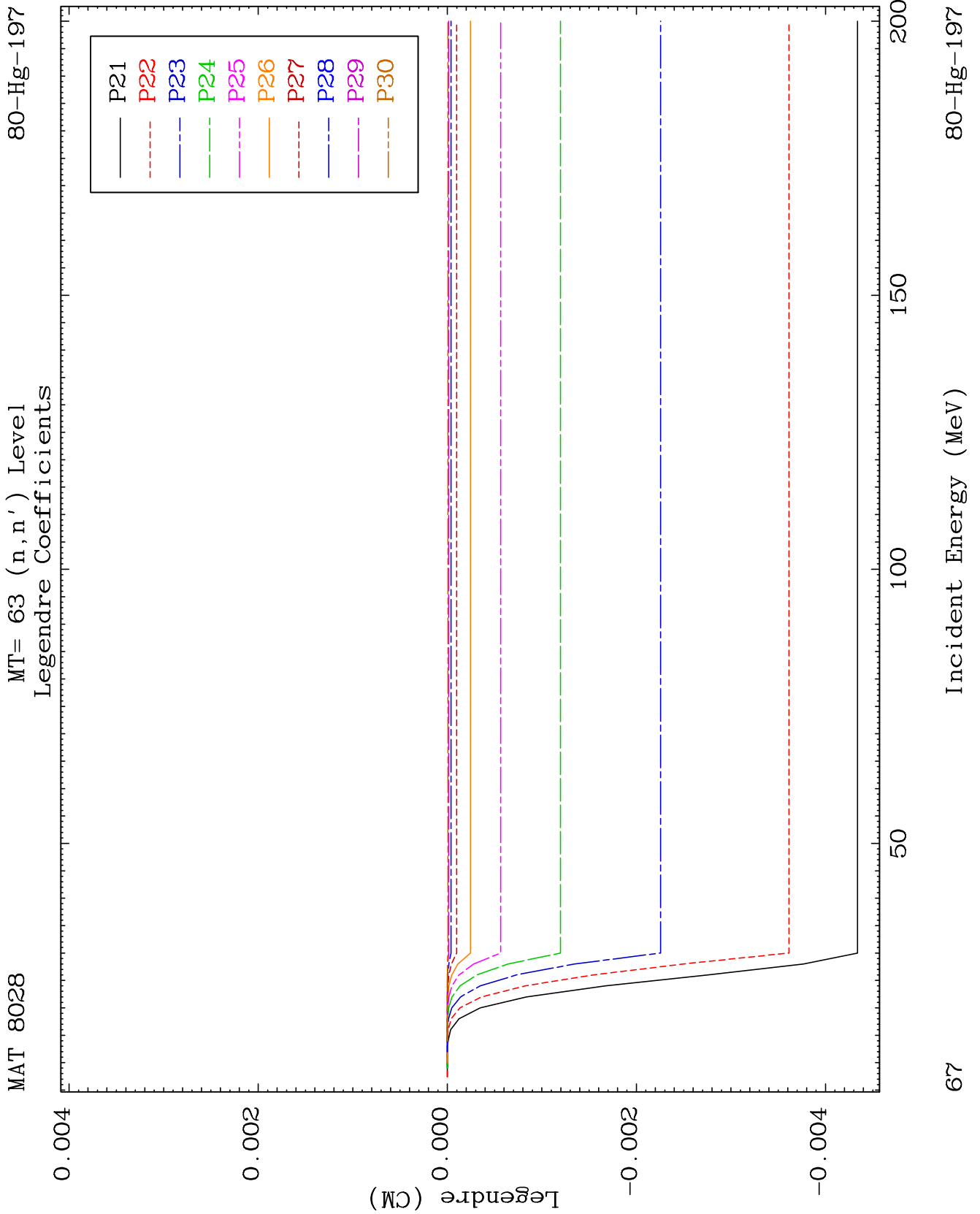
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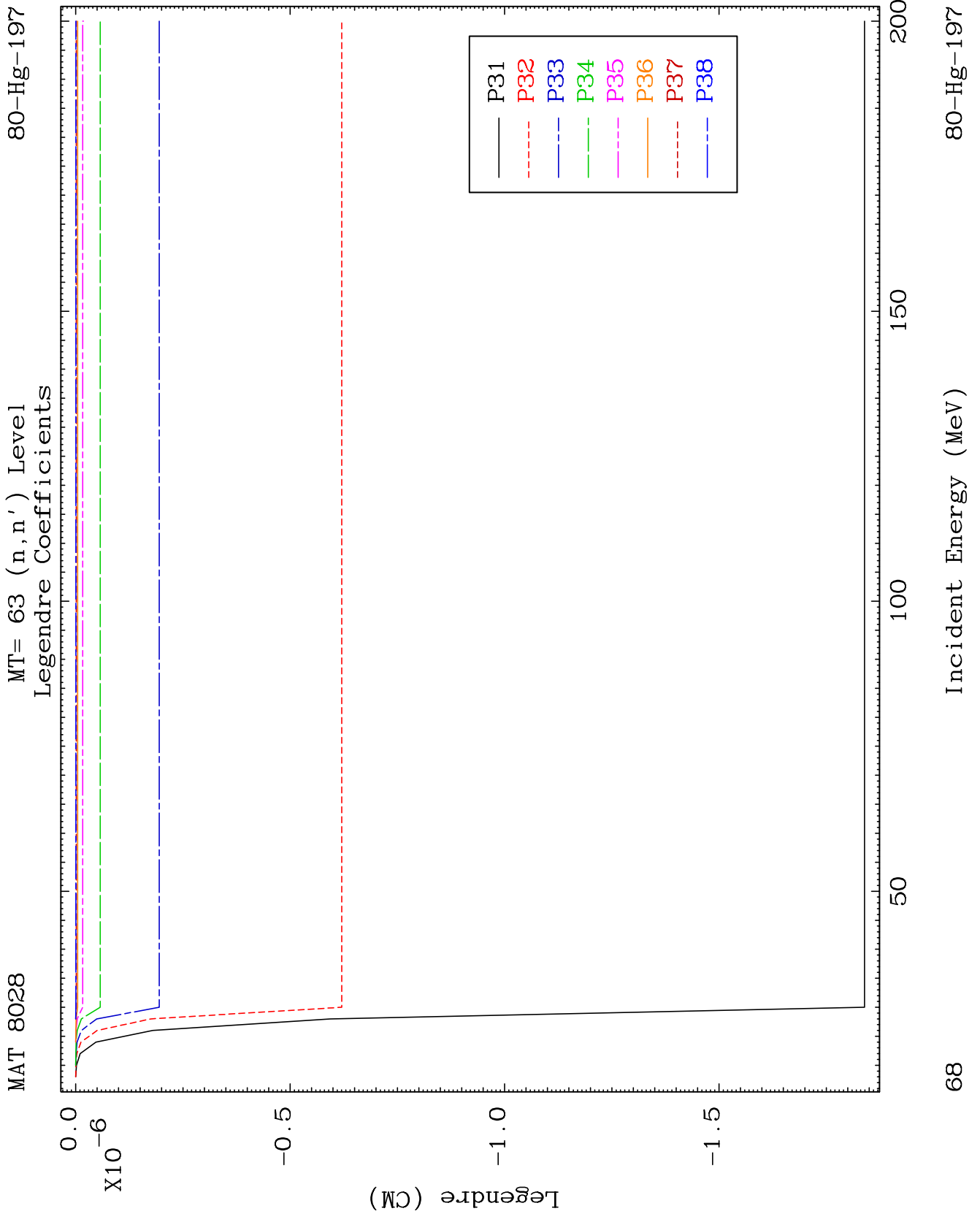


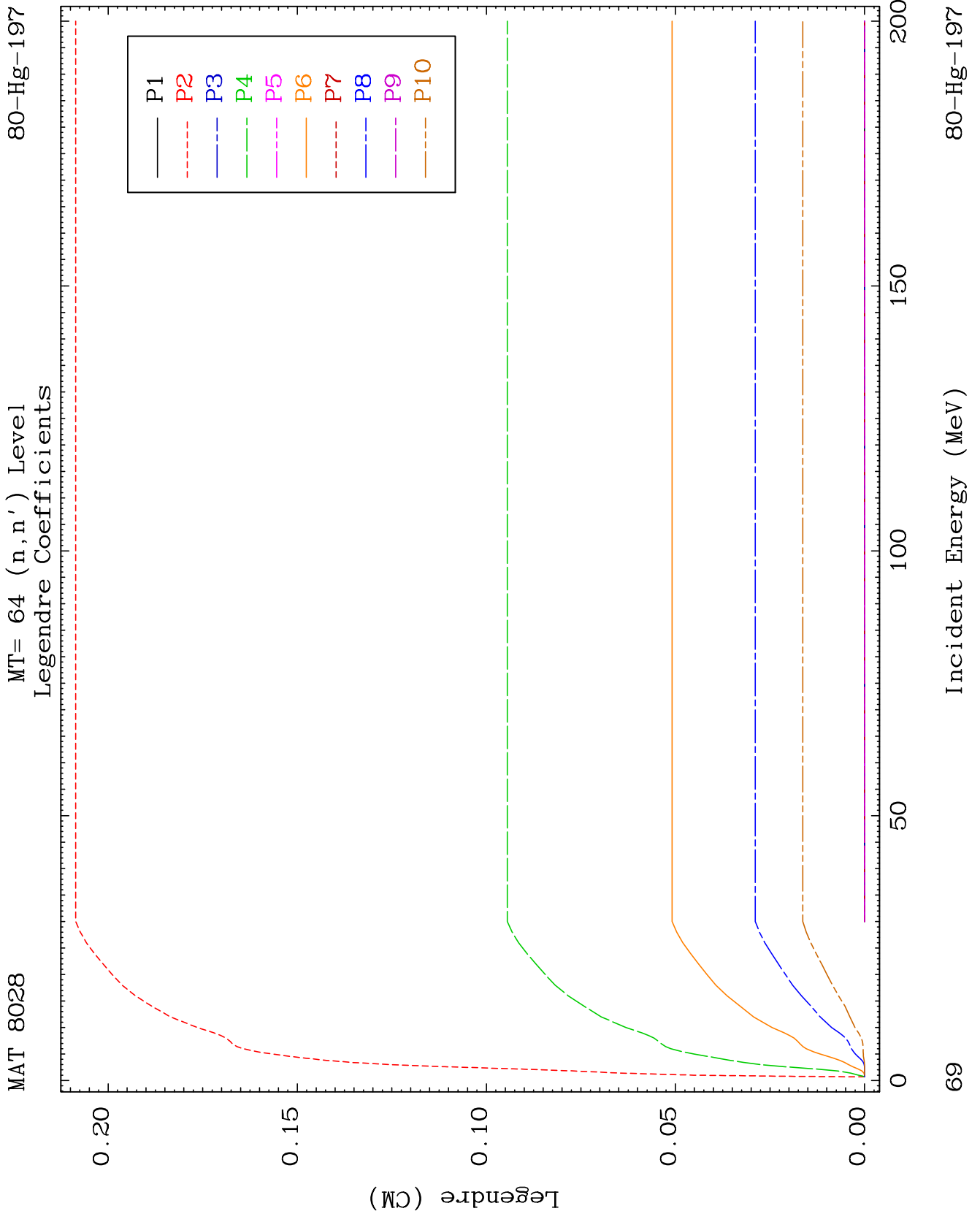
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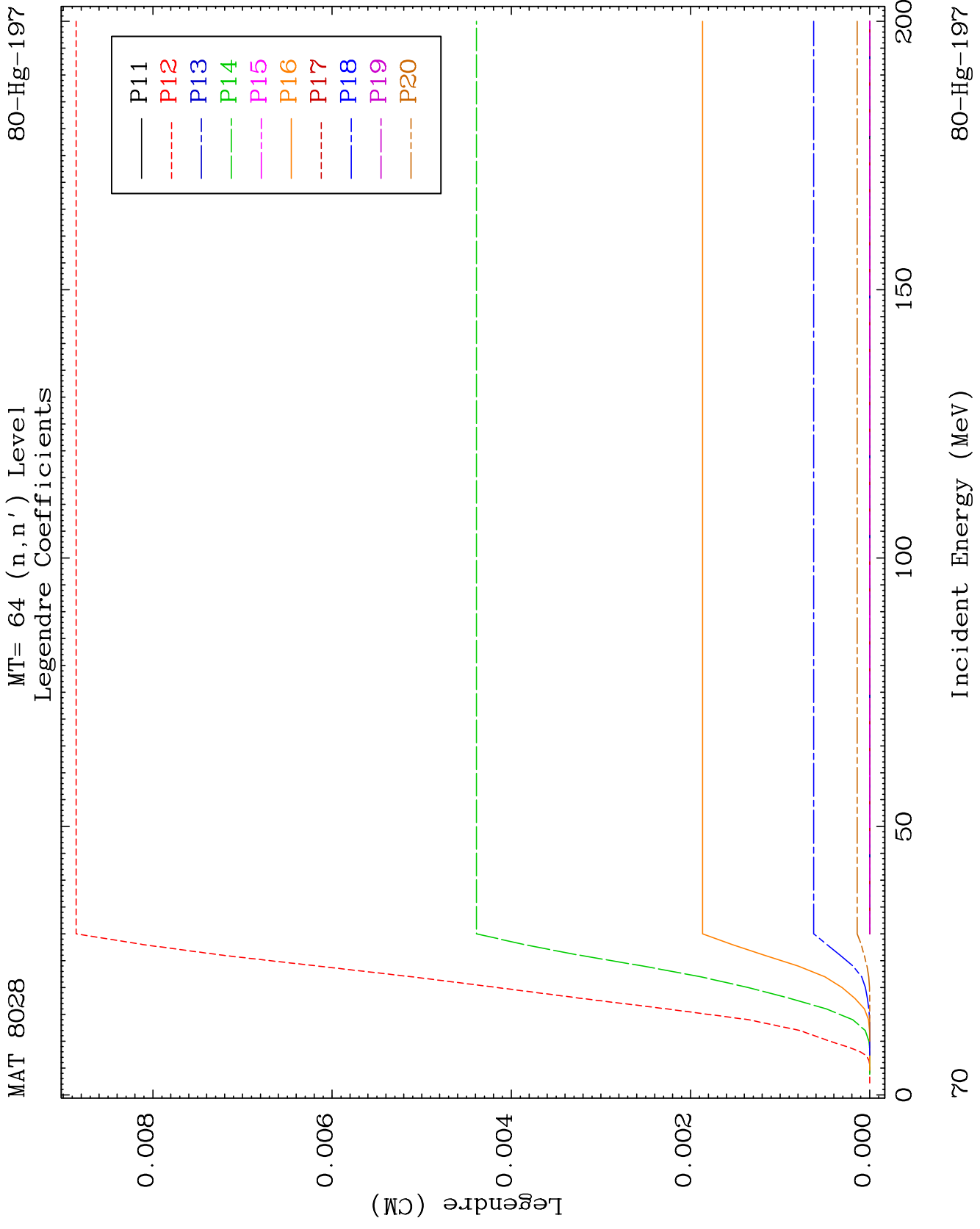
Incident Energy (MeV)

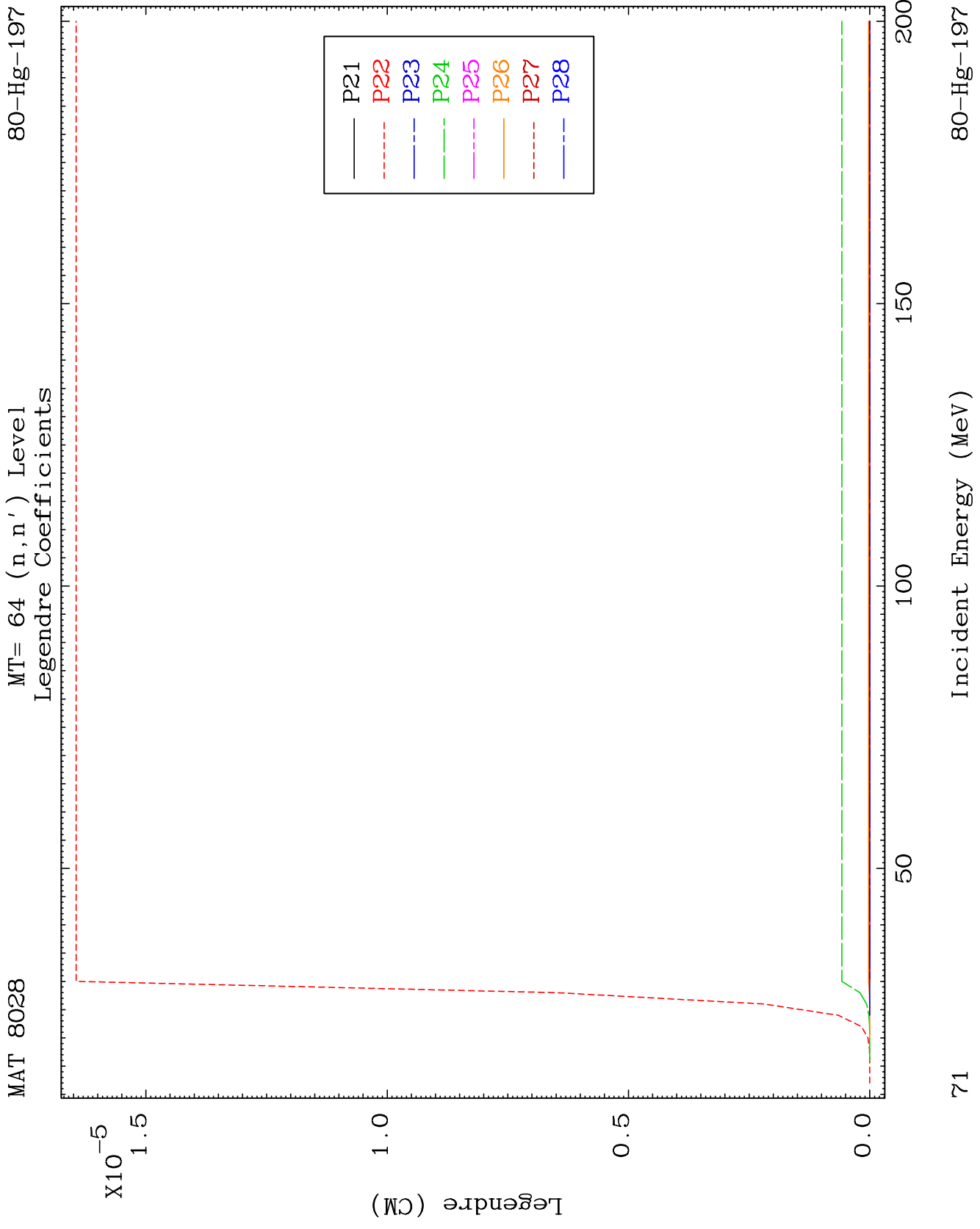
80-Hg-197







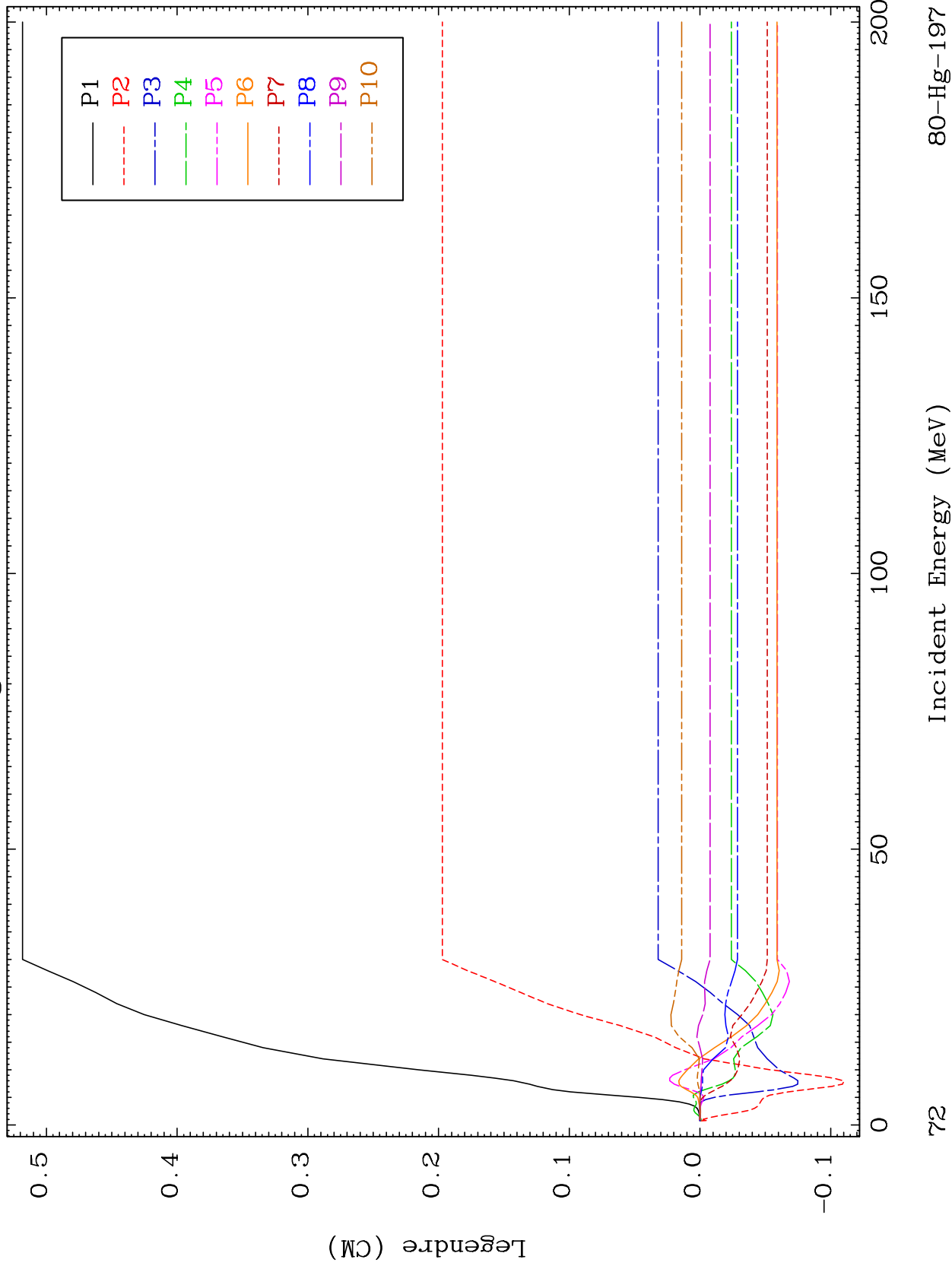




MAT 8028

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

80-Hg-197



80-Hg-197

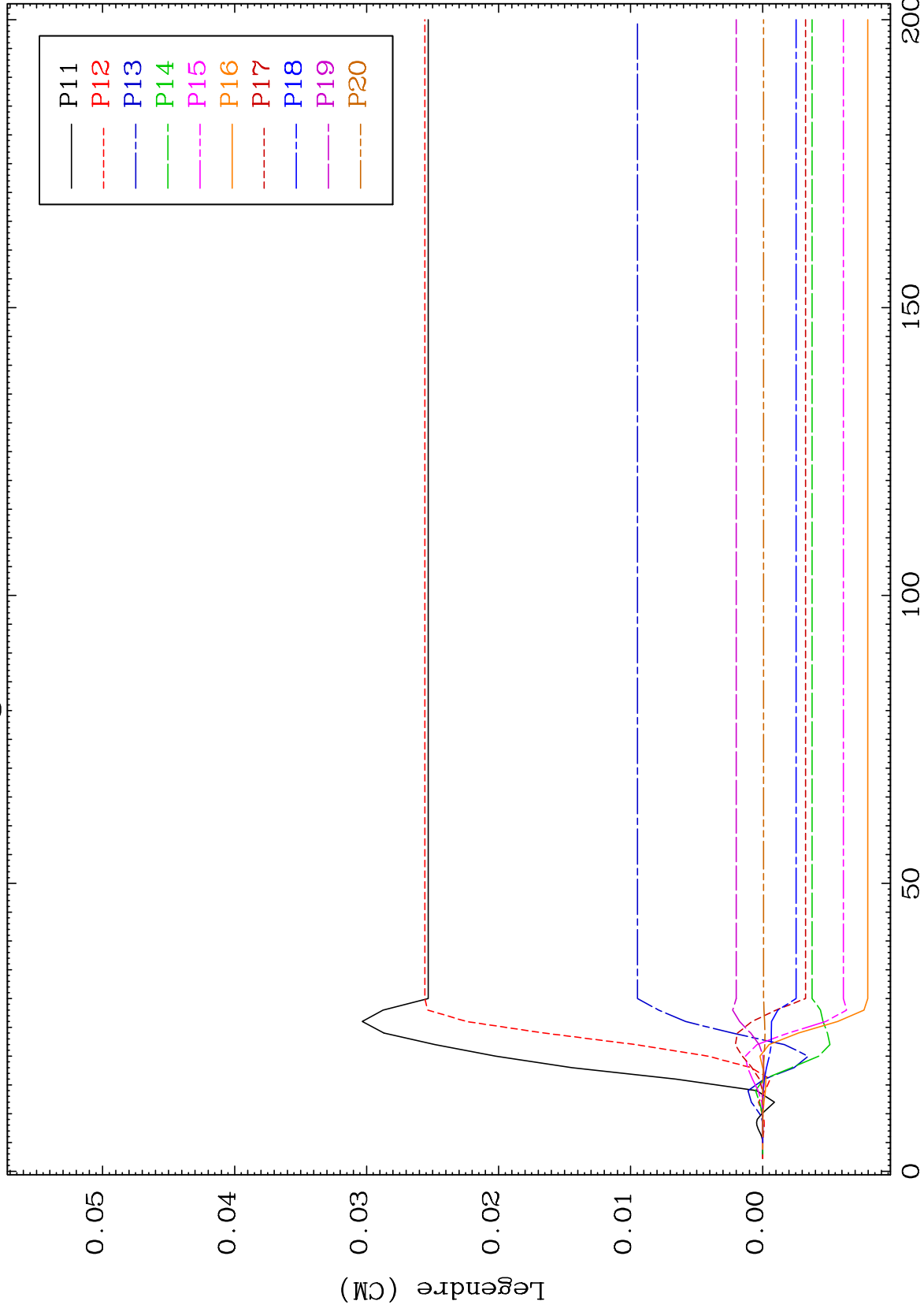
Incident Energy (MeV)

72

MAT 8028

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

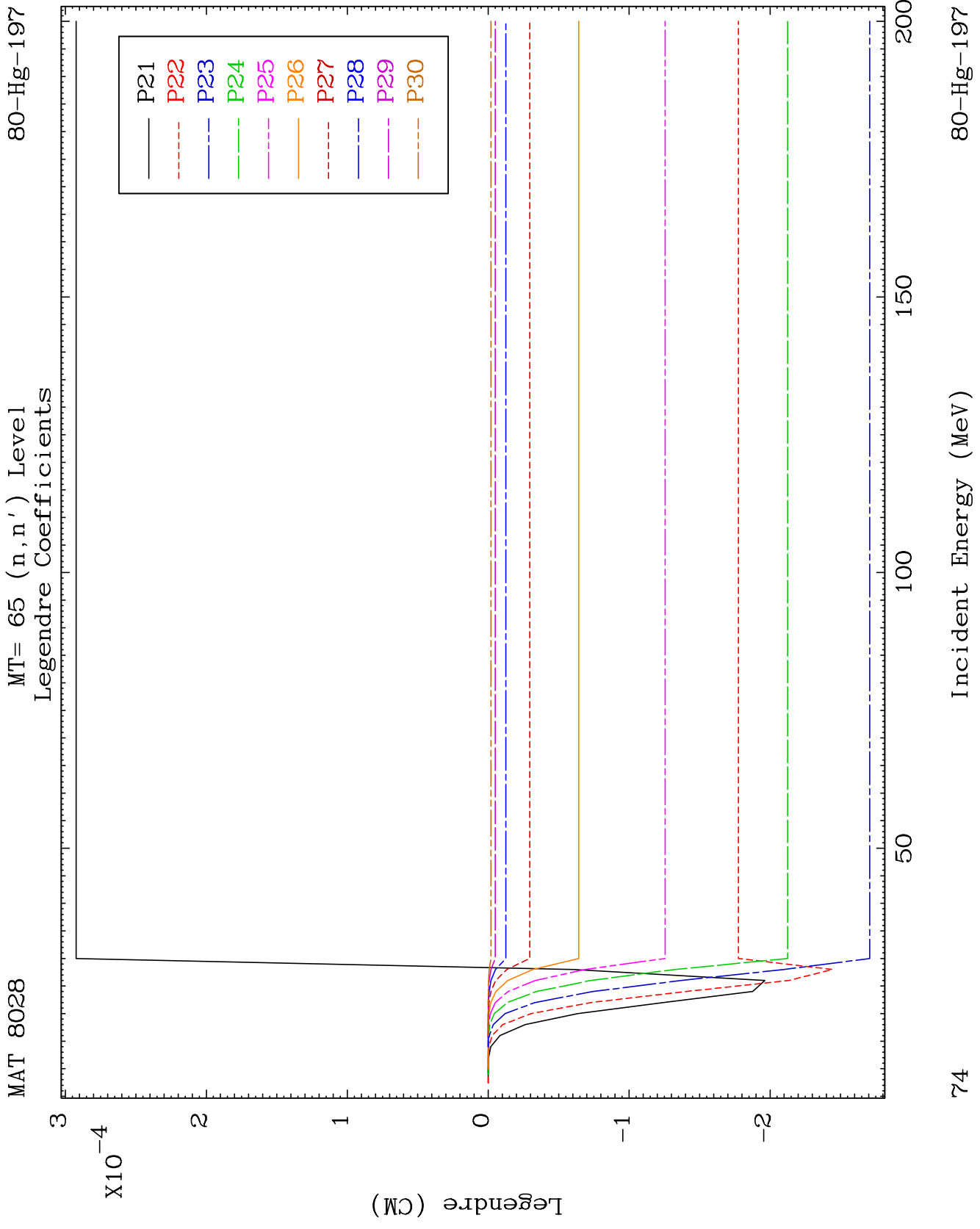
80-Hg-197

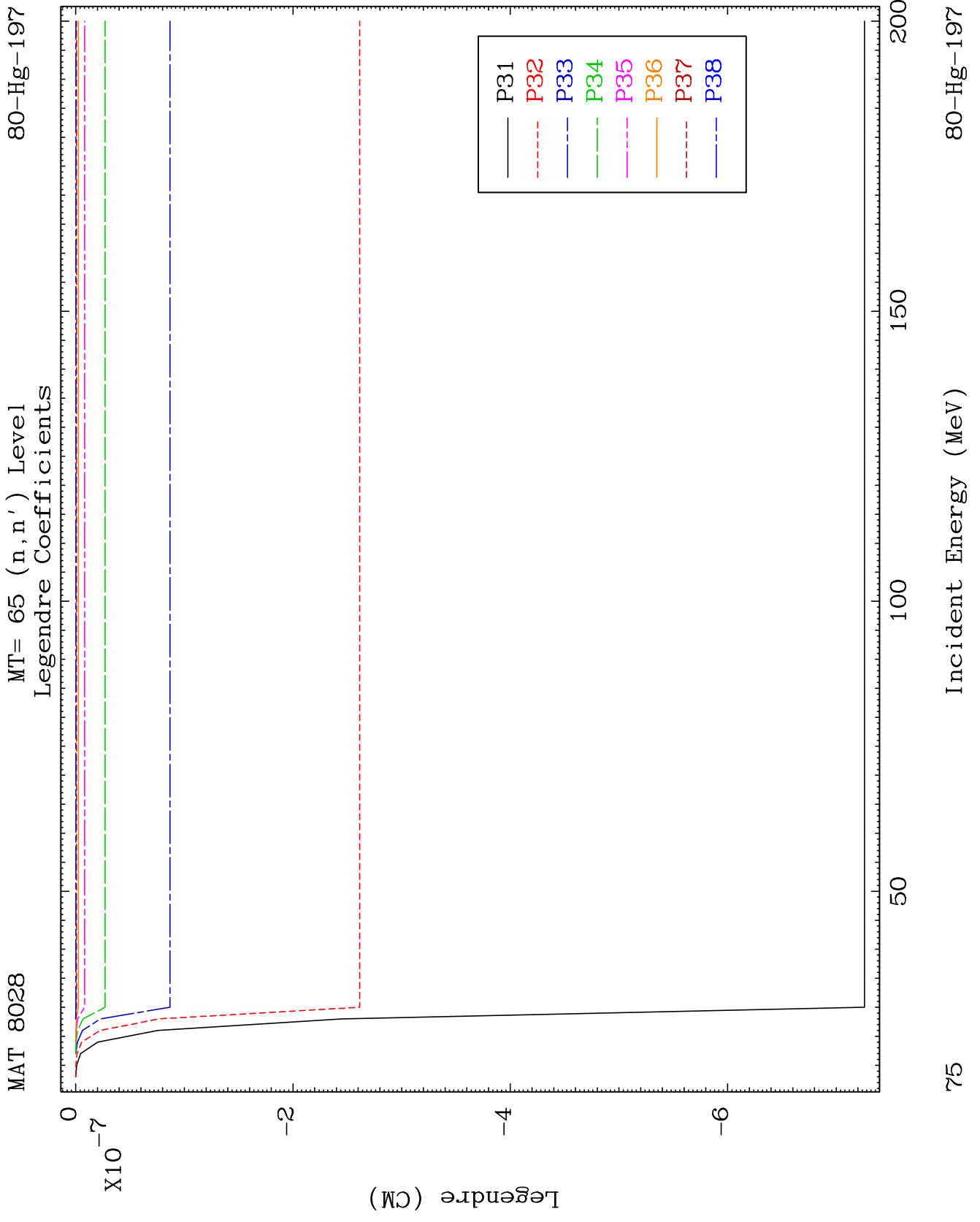


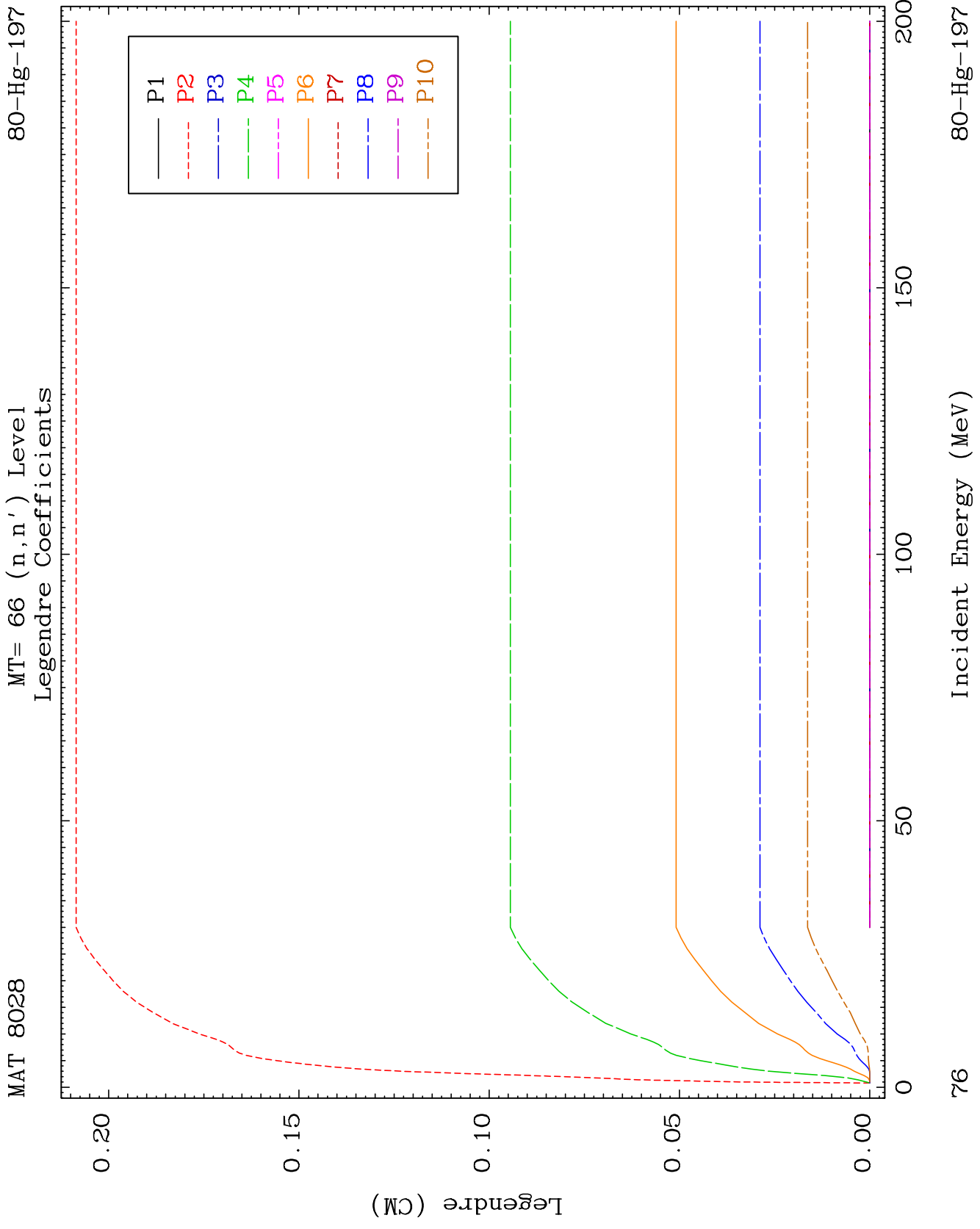
73

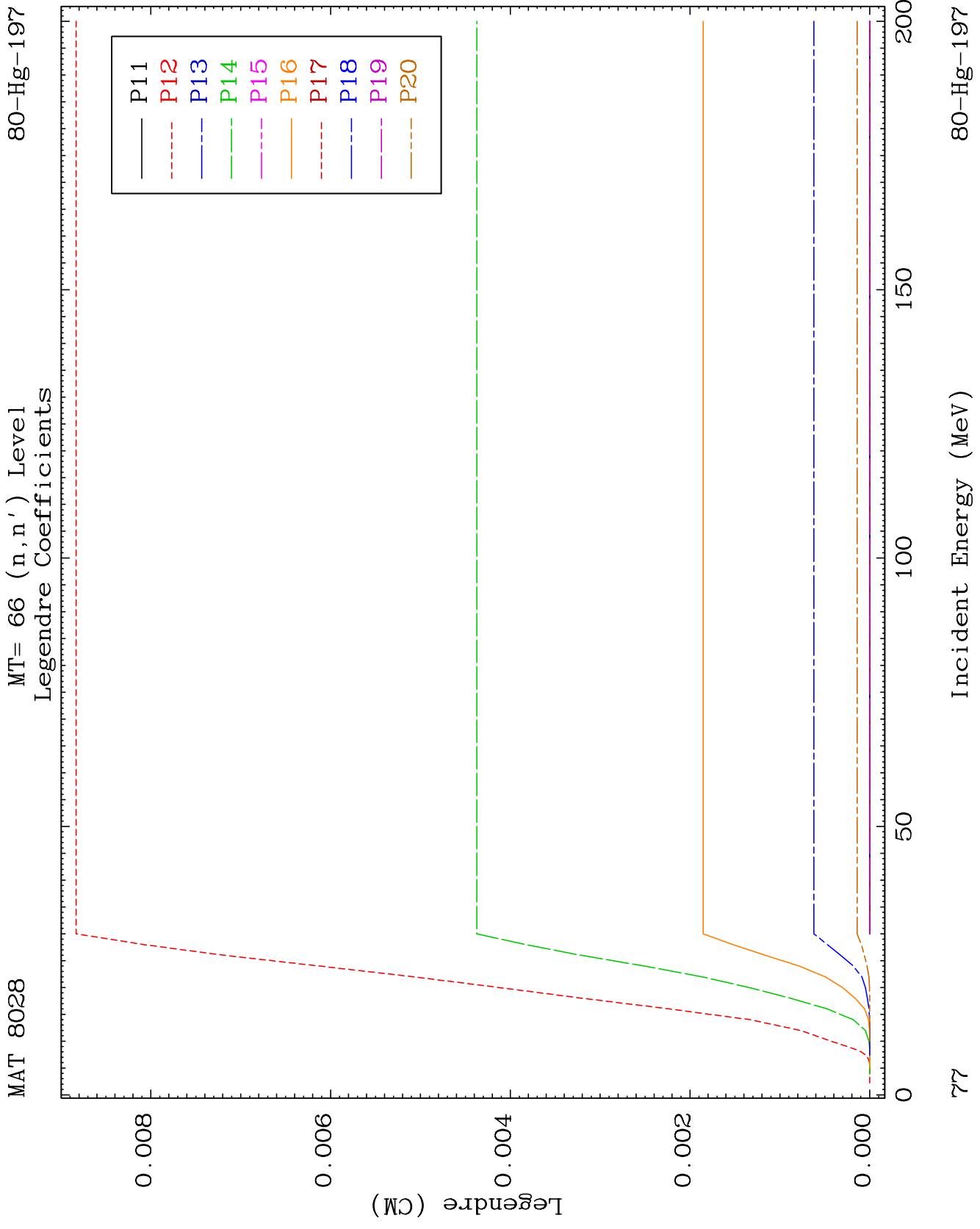
Incident Energy (MeV)

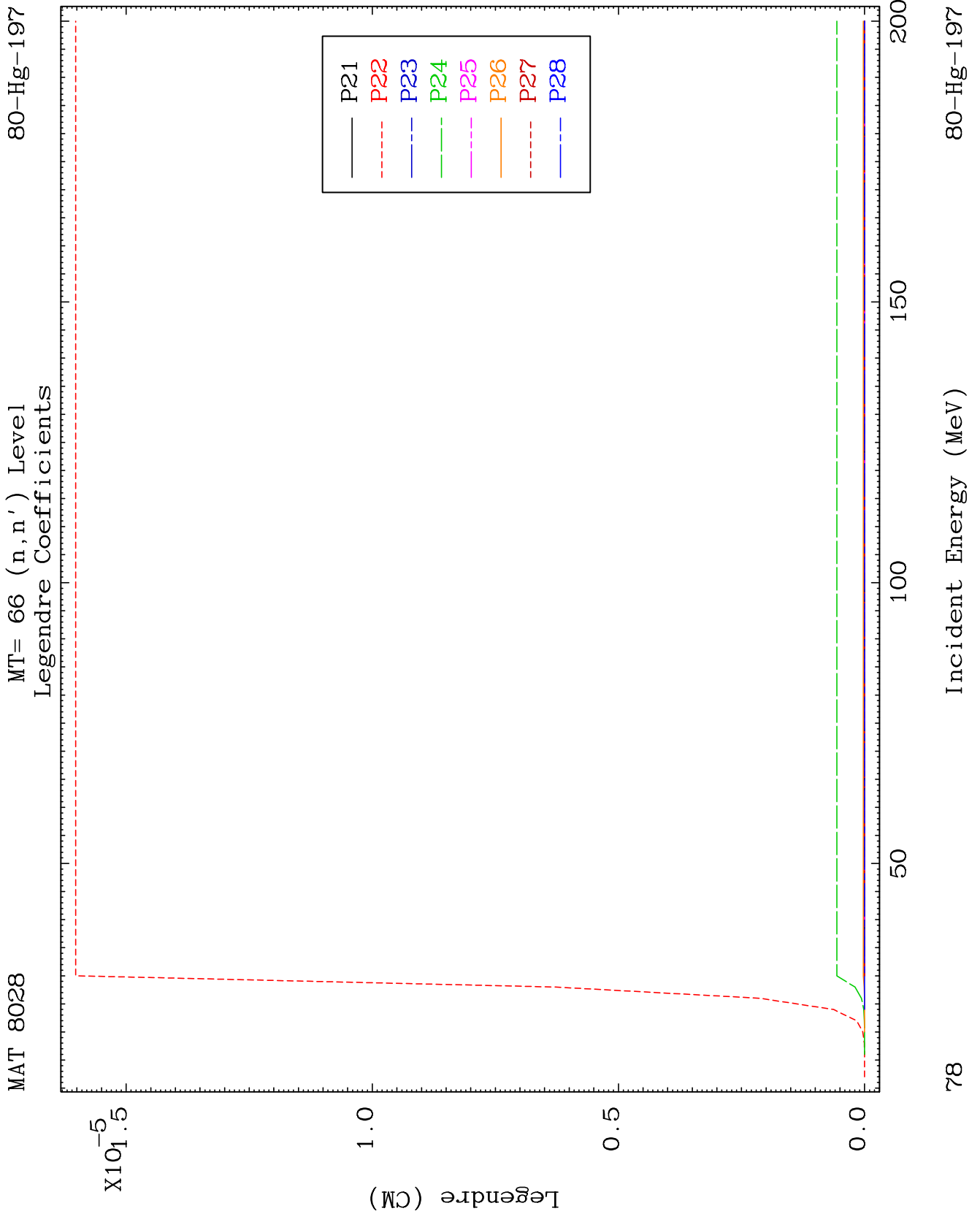
80-Hg-197

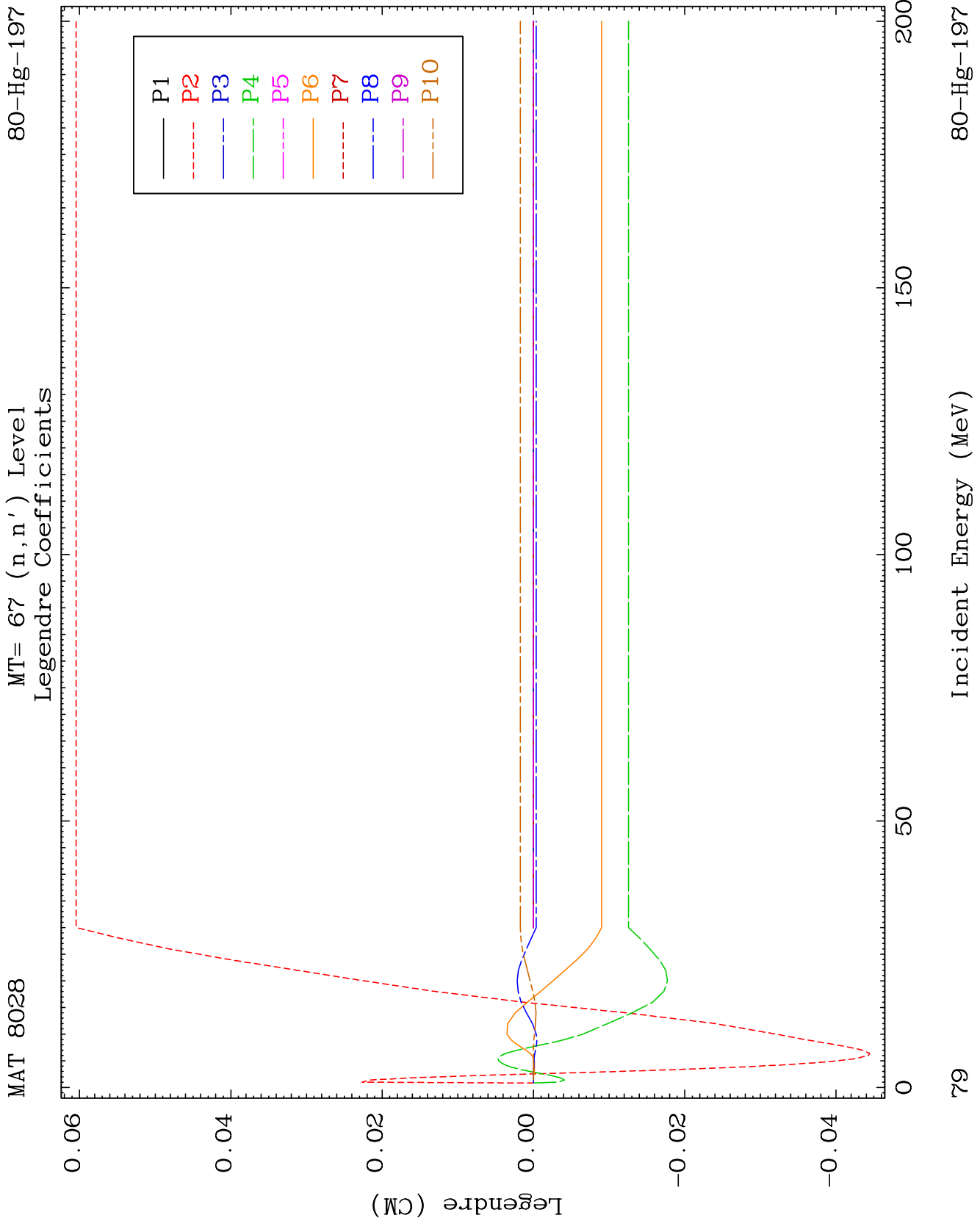








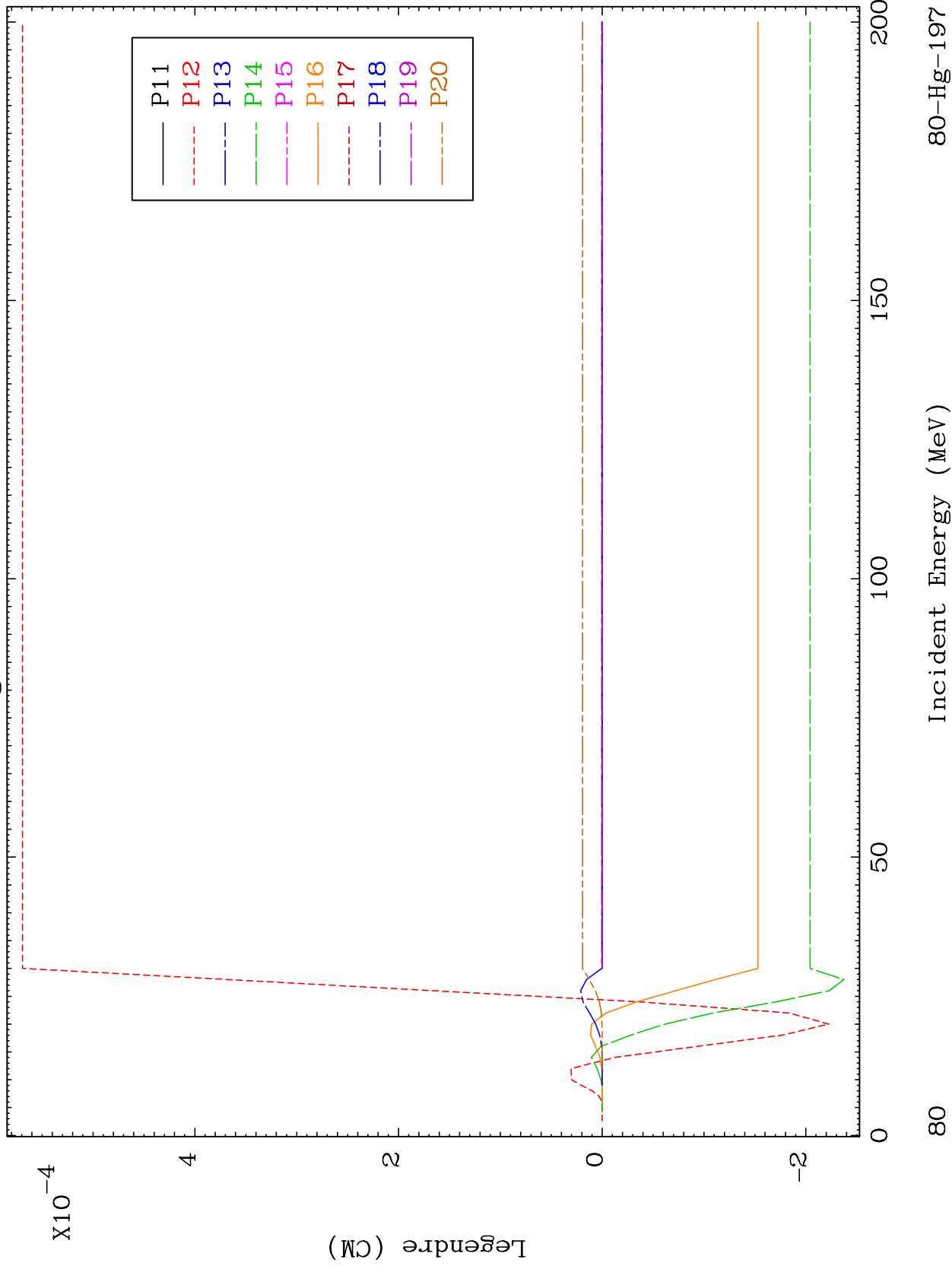




MAT 8028

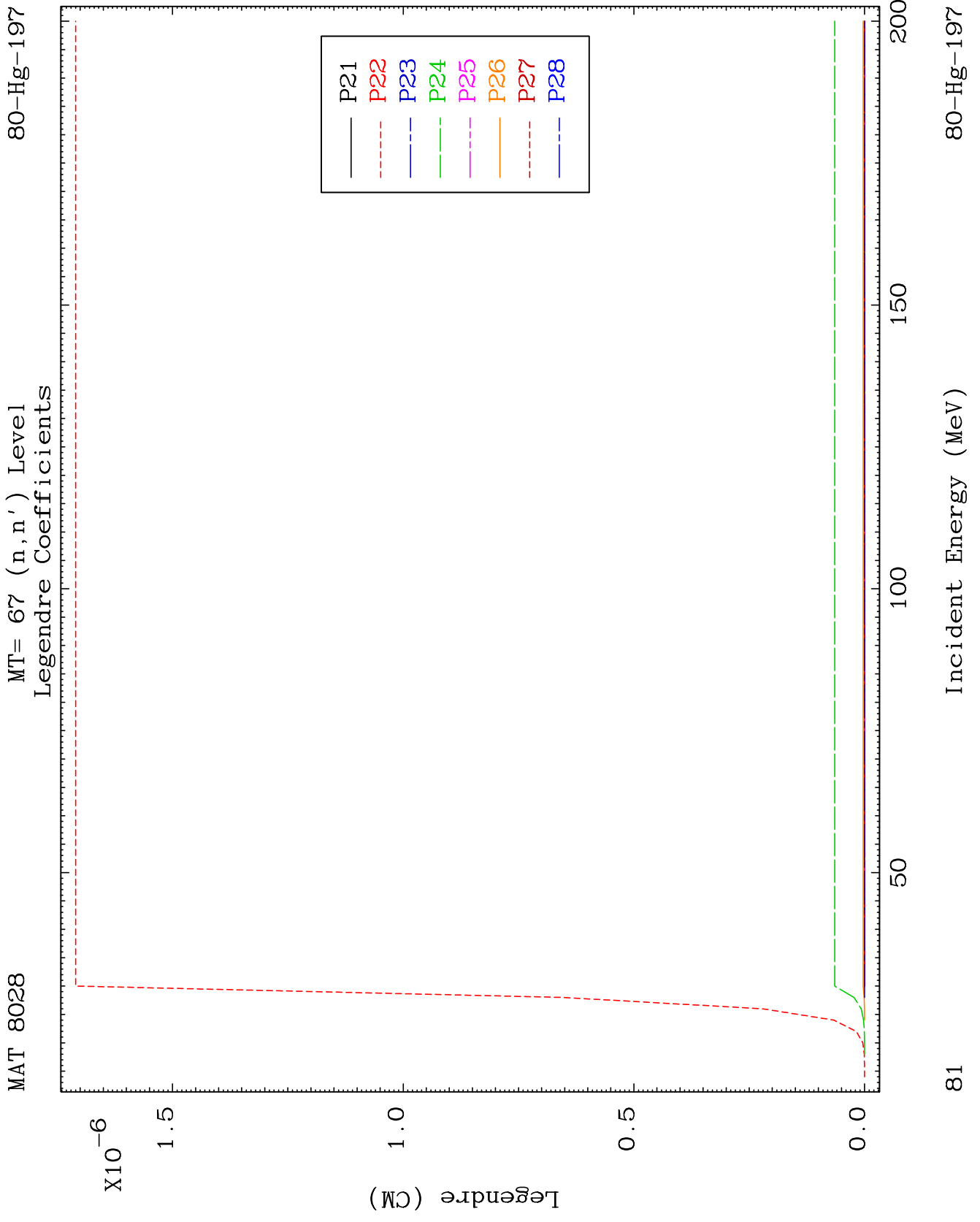
MT= 67 (n,n') Level
Legendre Coefficients

80-Hg-197



80-Hg-197

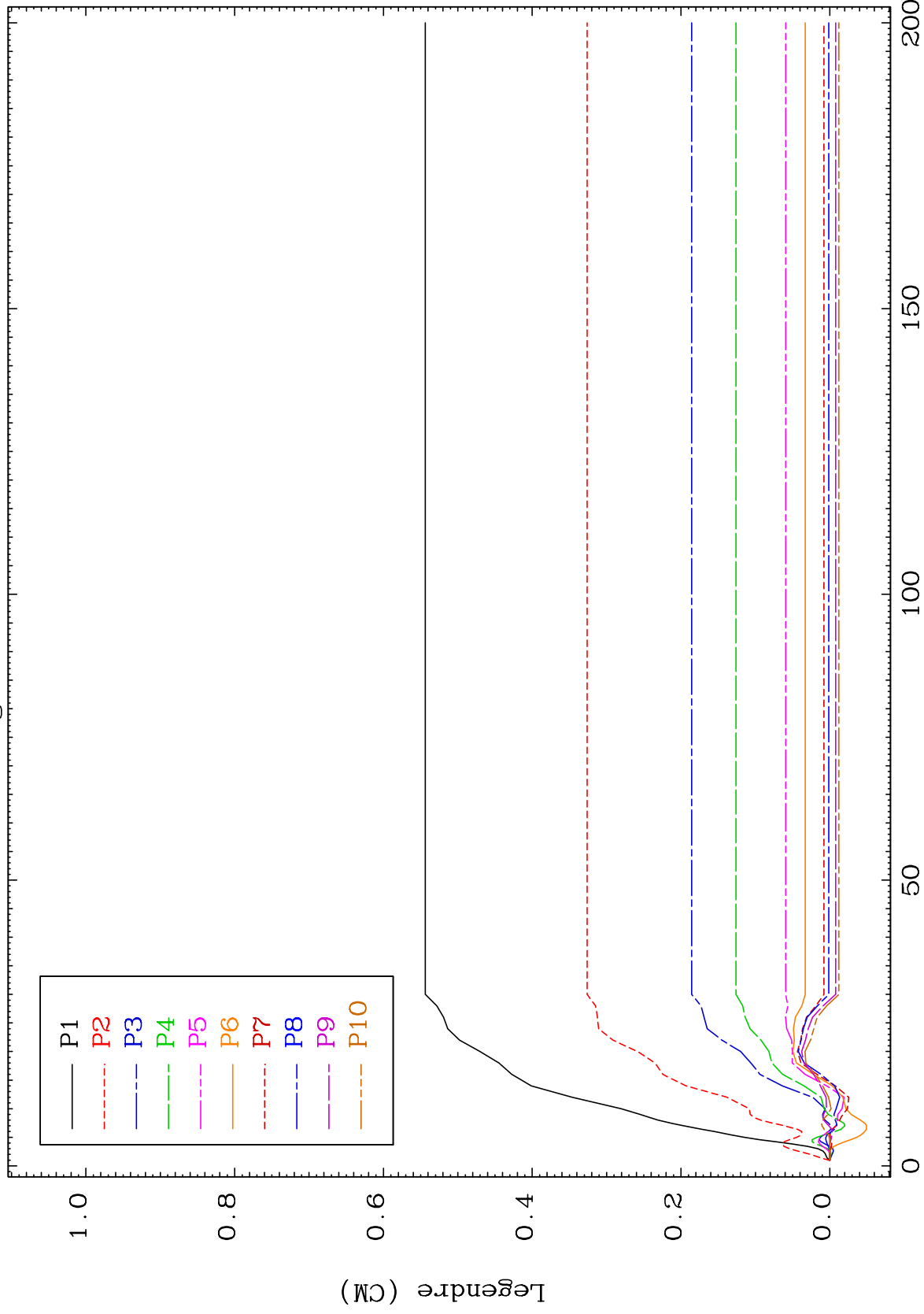
Incident Energy (MeV)



MAT 8028

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

80-Hg-197



80-Hg-197

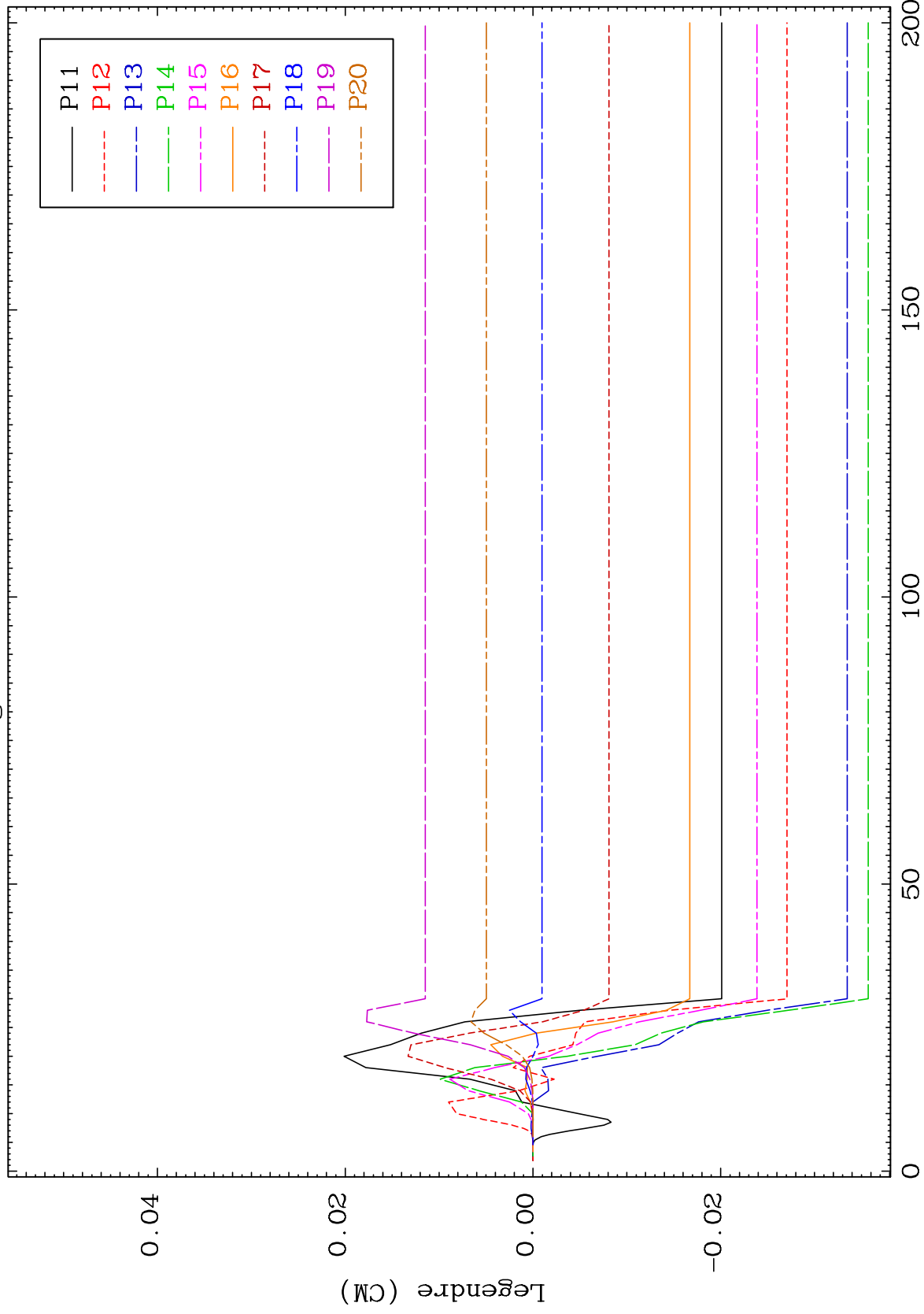
Incident Energy (MeV)

82

MAT 8028

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

80-Hg-197



83

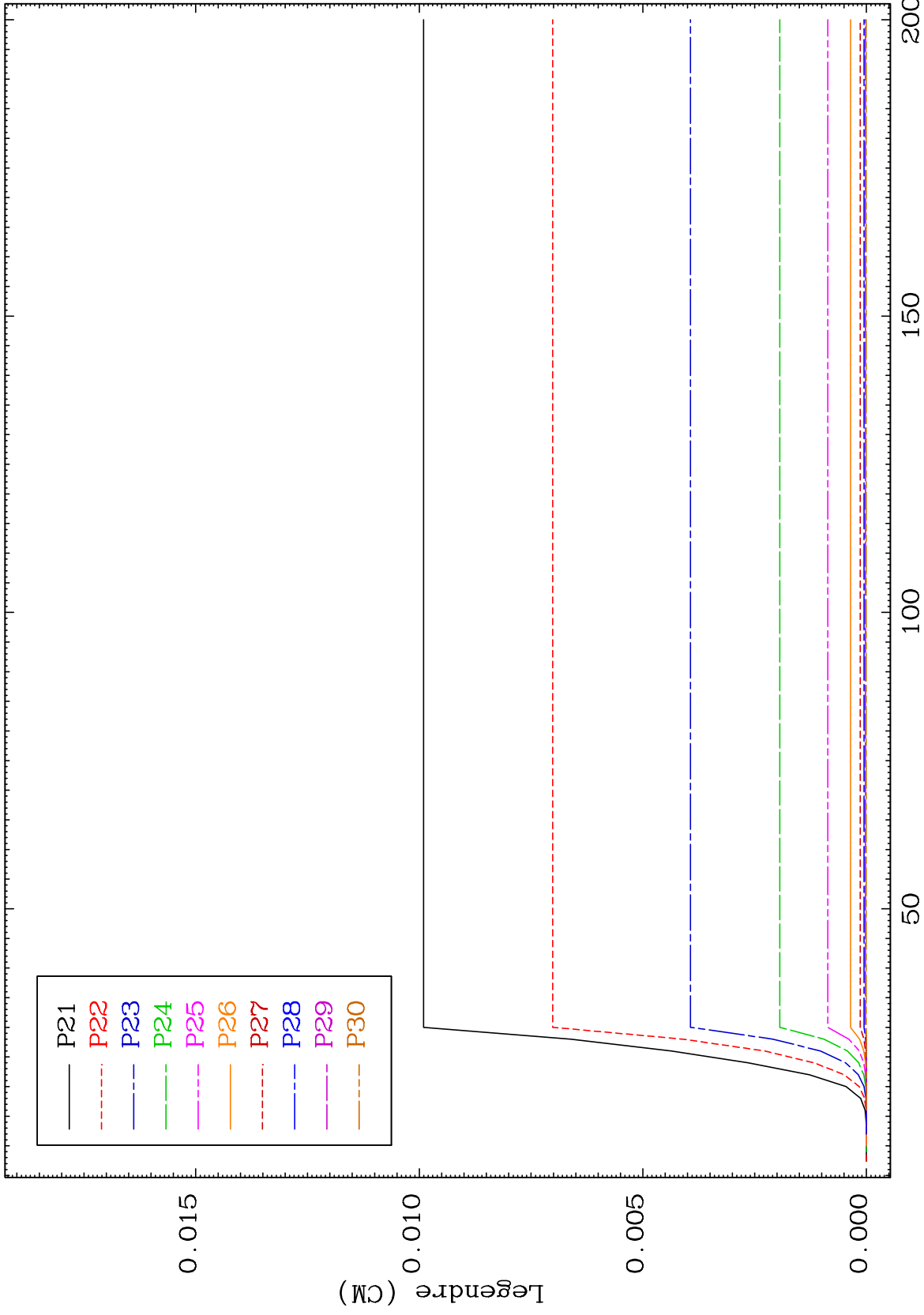
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



84

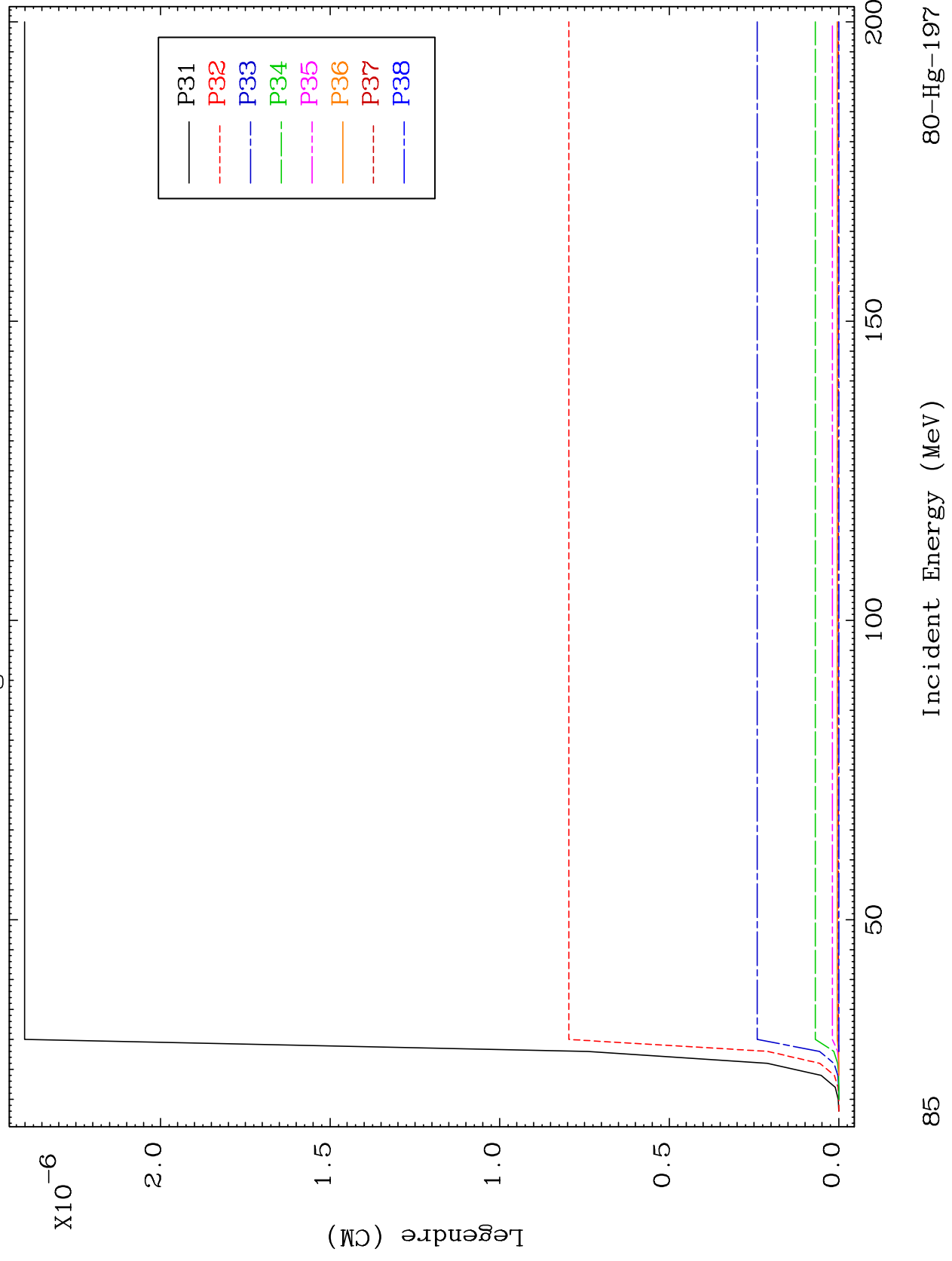
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

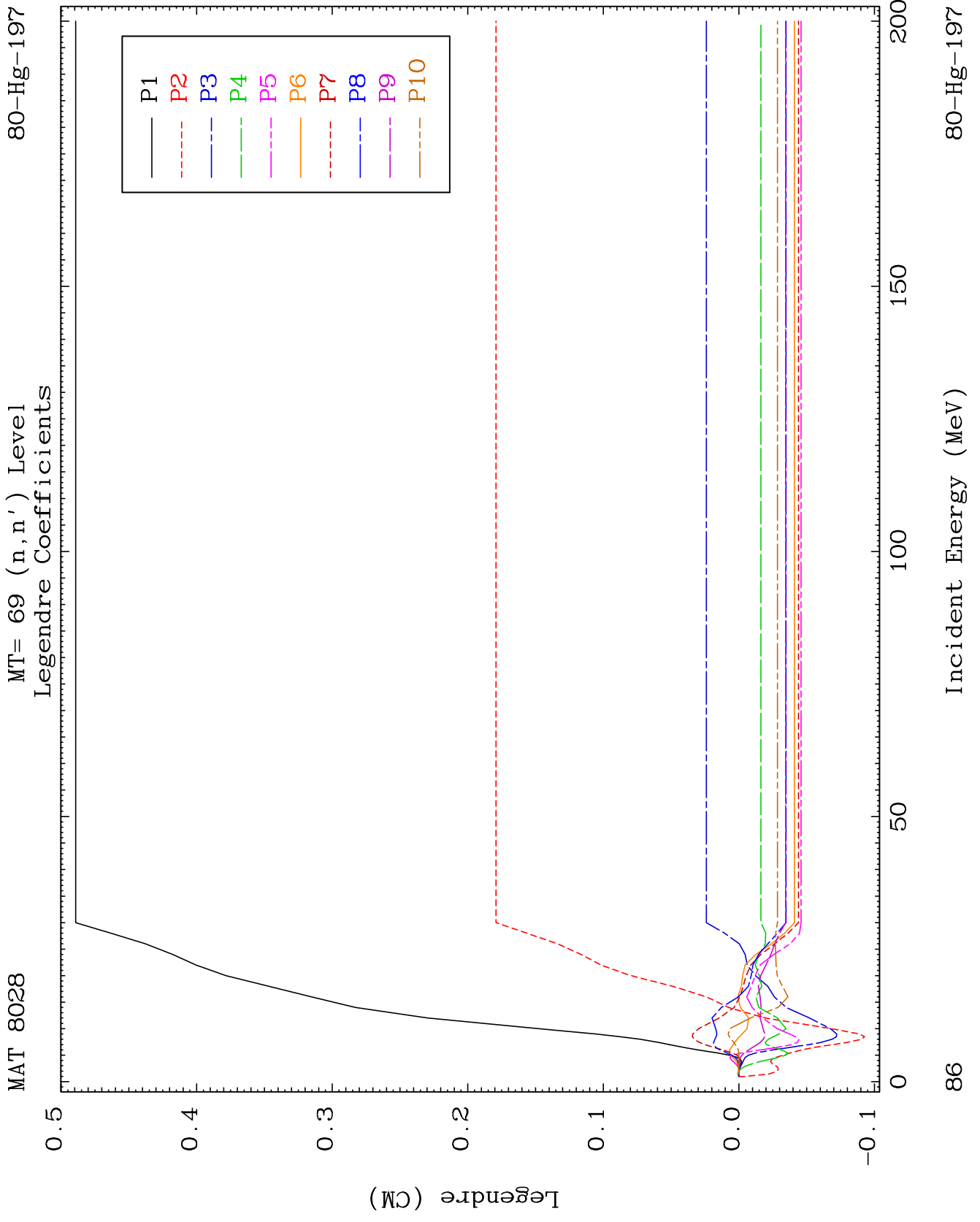
80-Hg-197

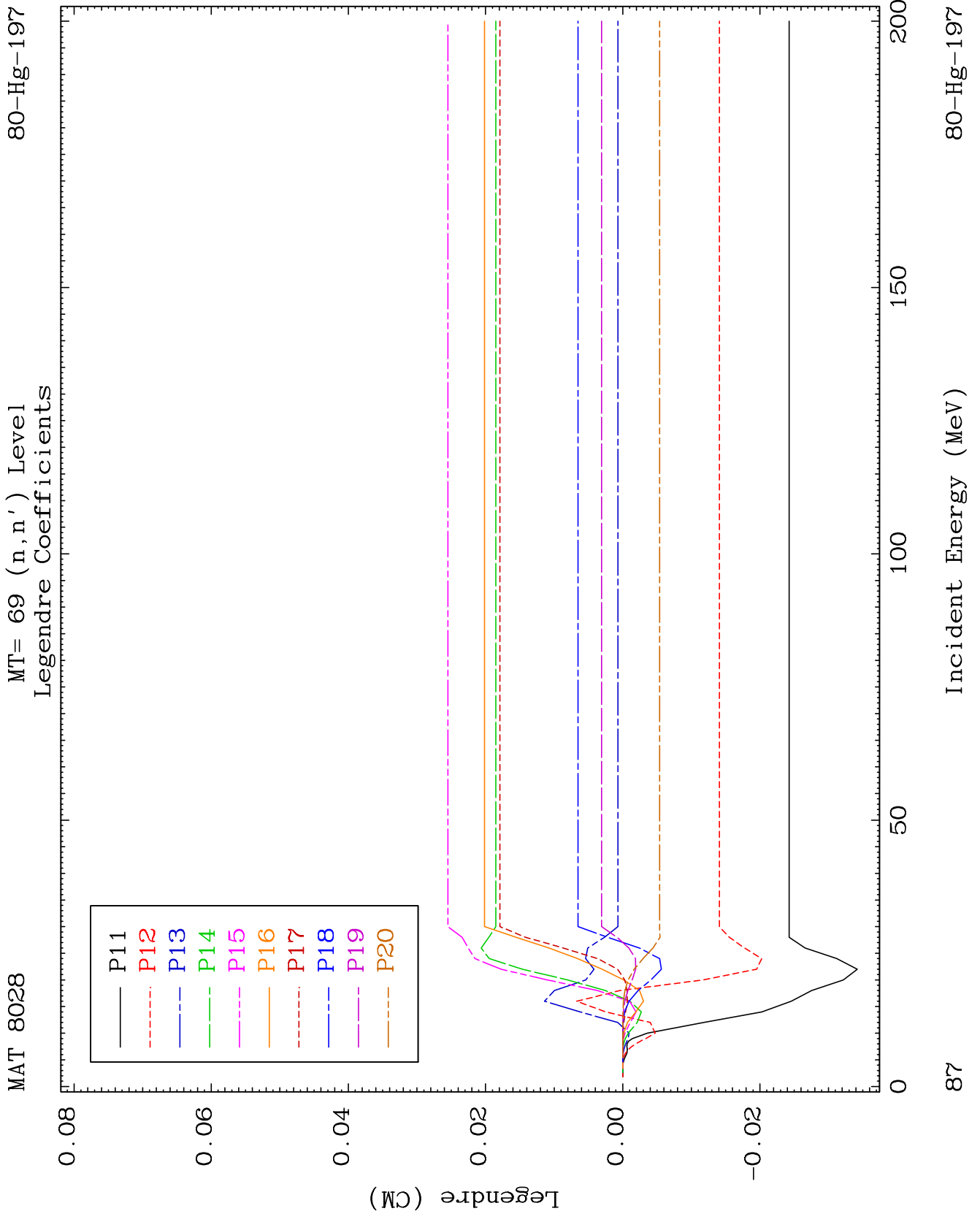


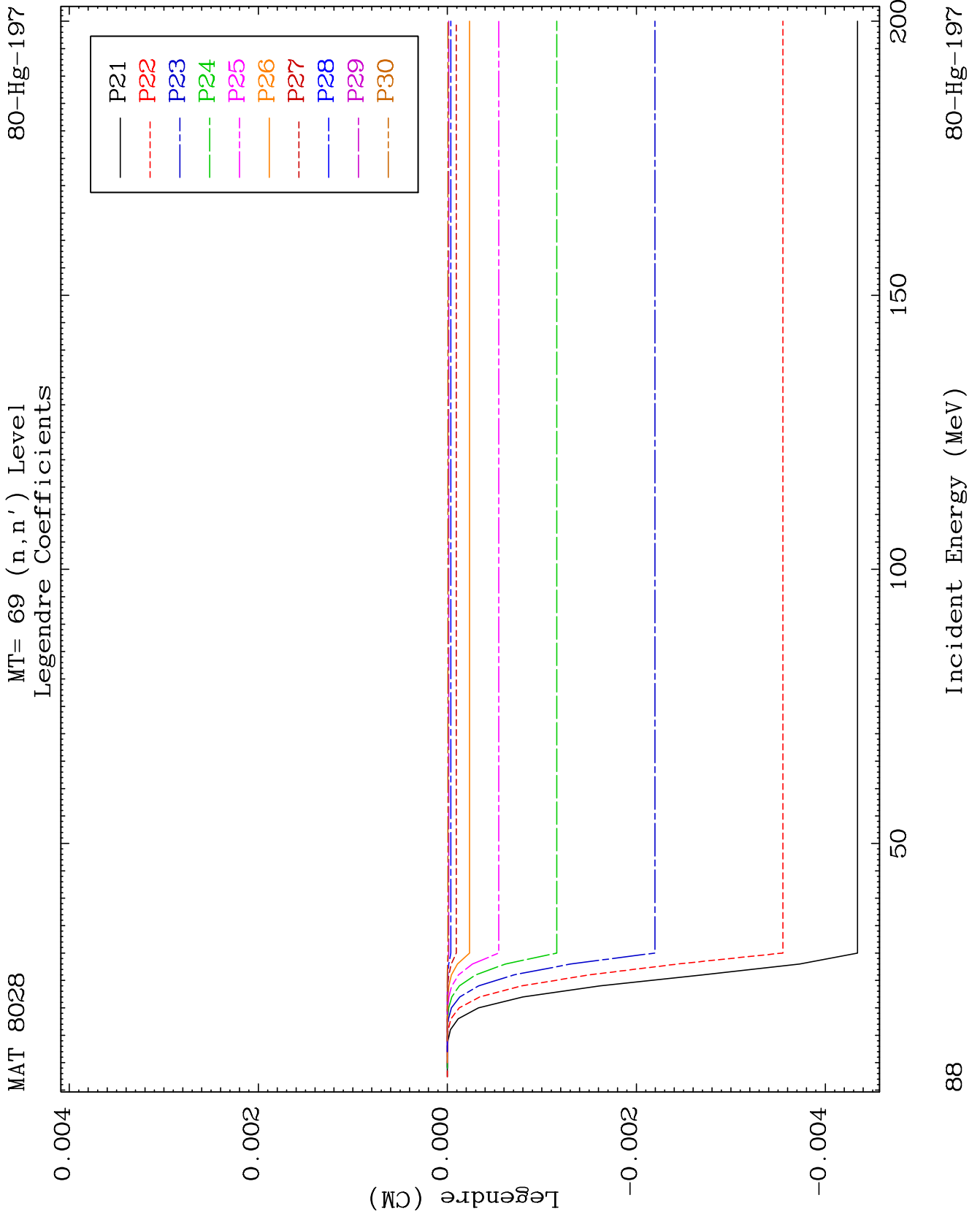
80-Hg-197

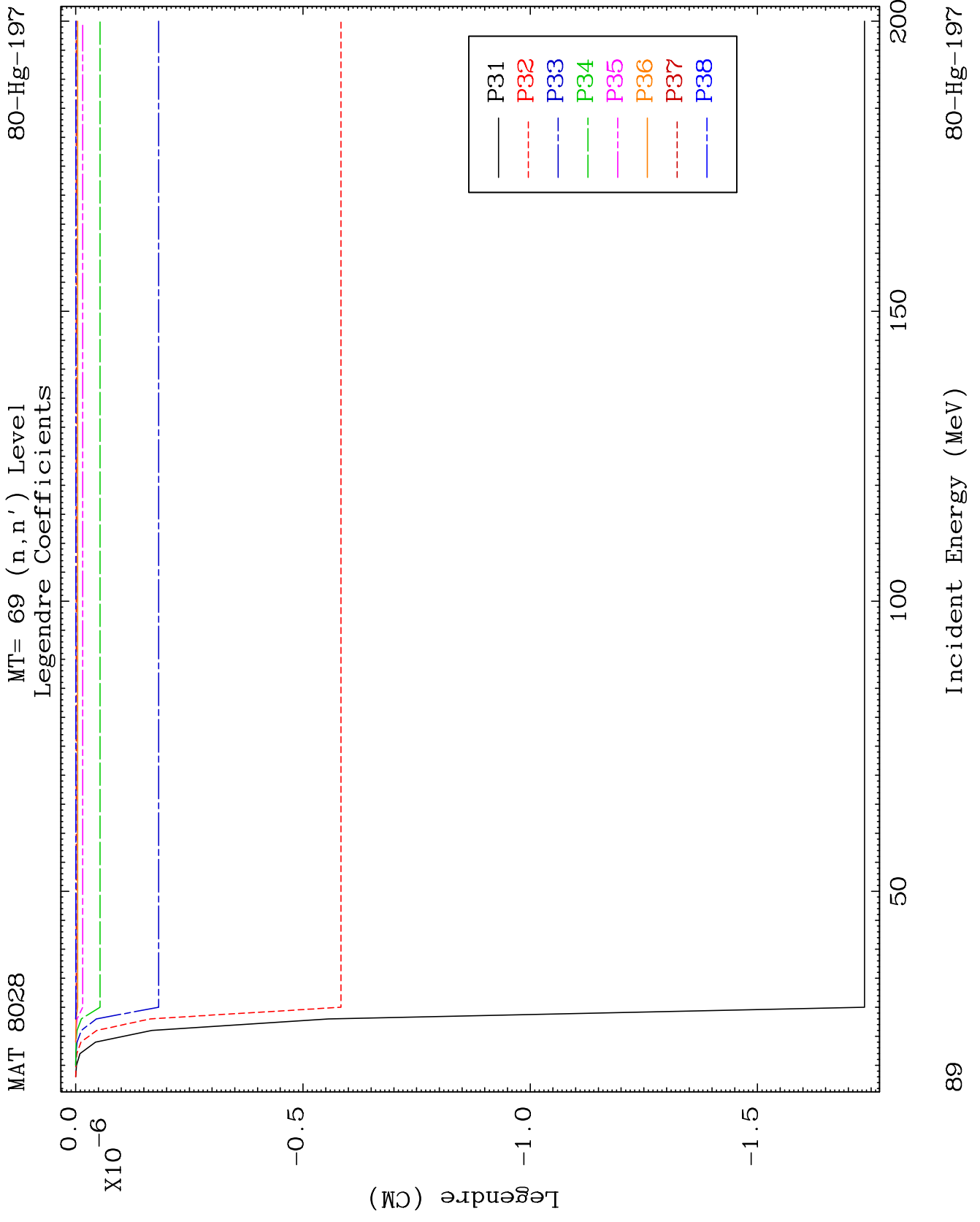
Incident Energy (MeV)

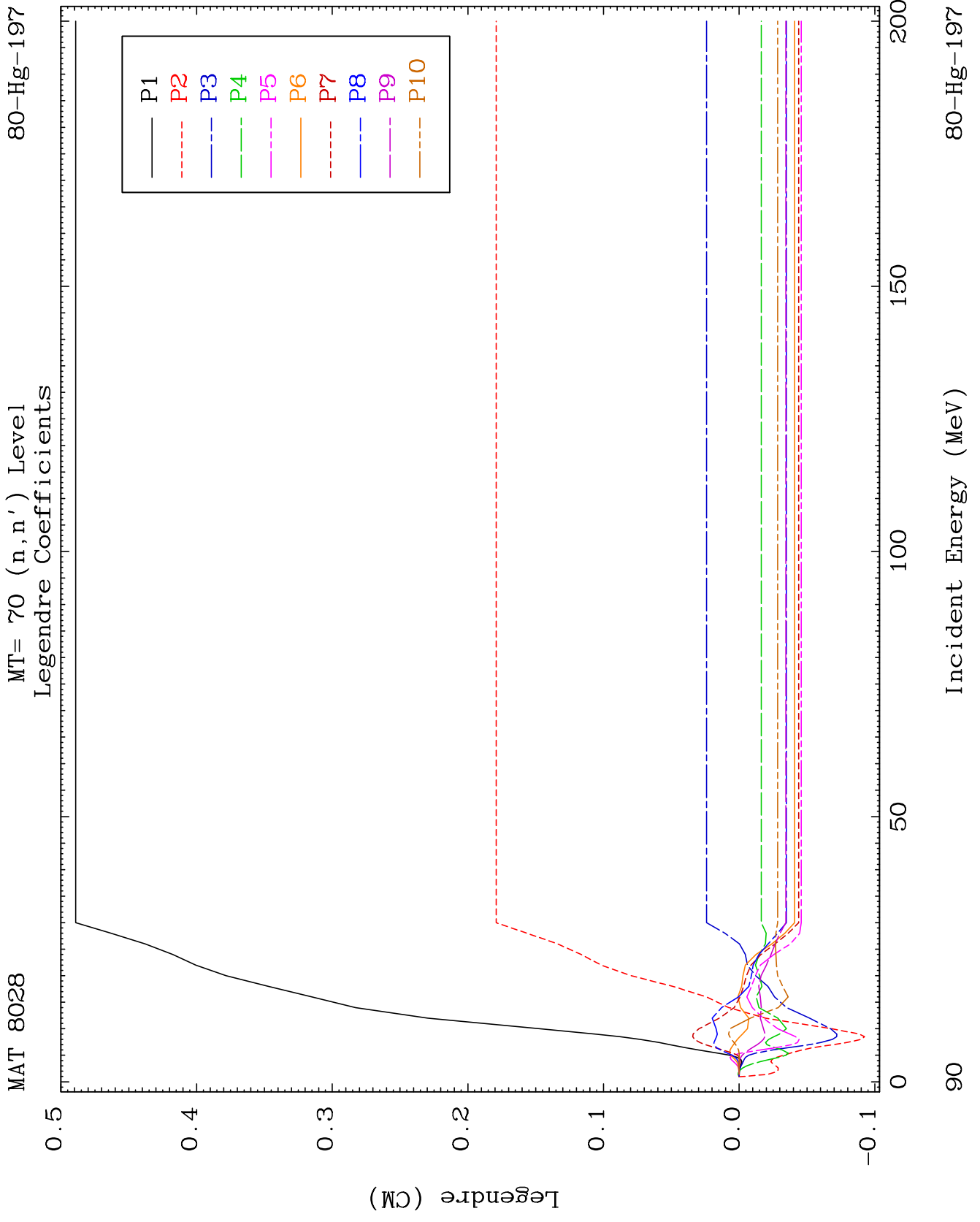
85

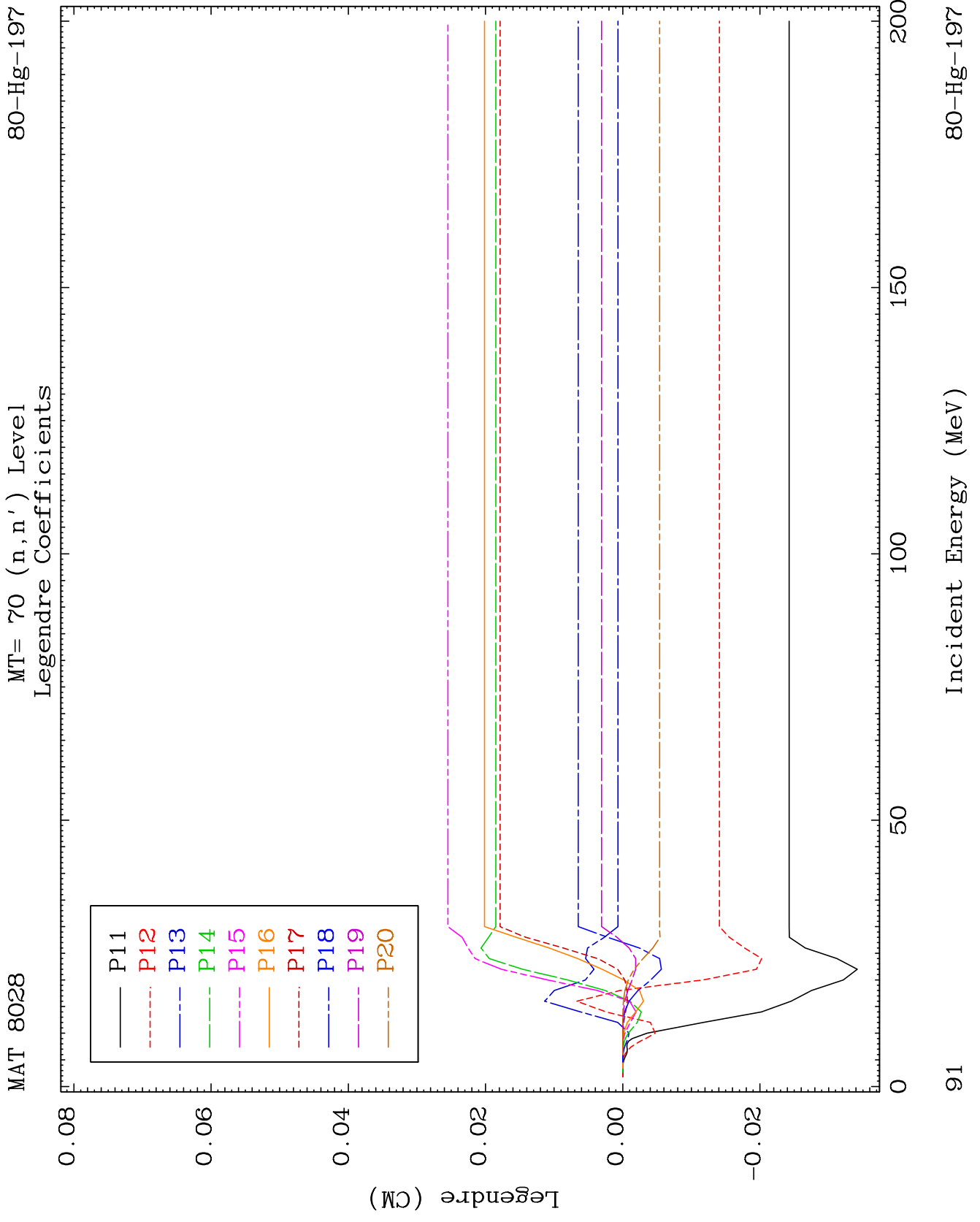


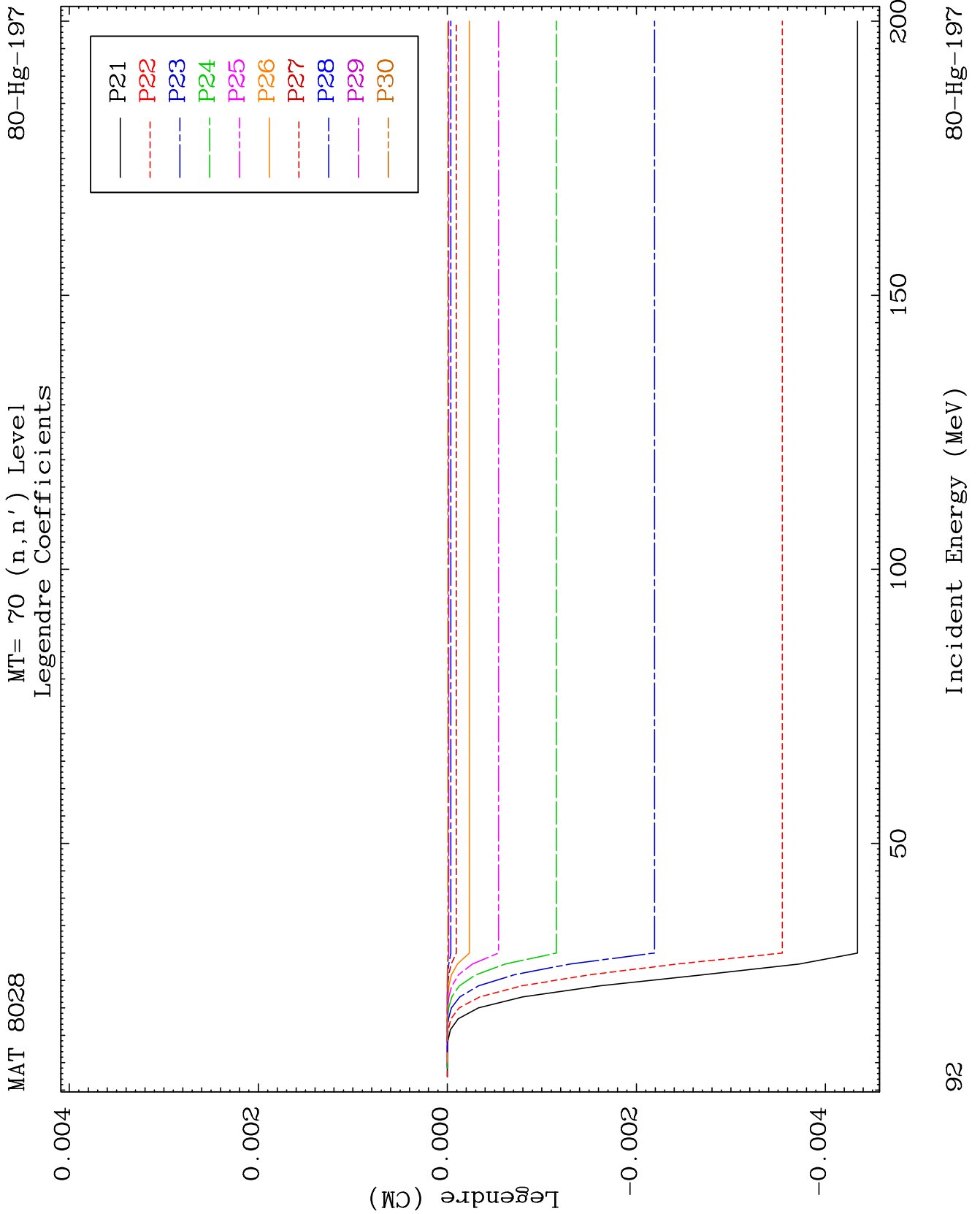


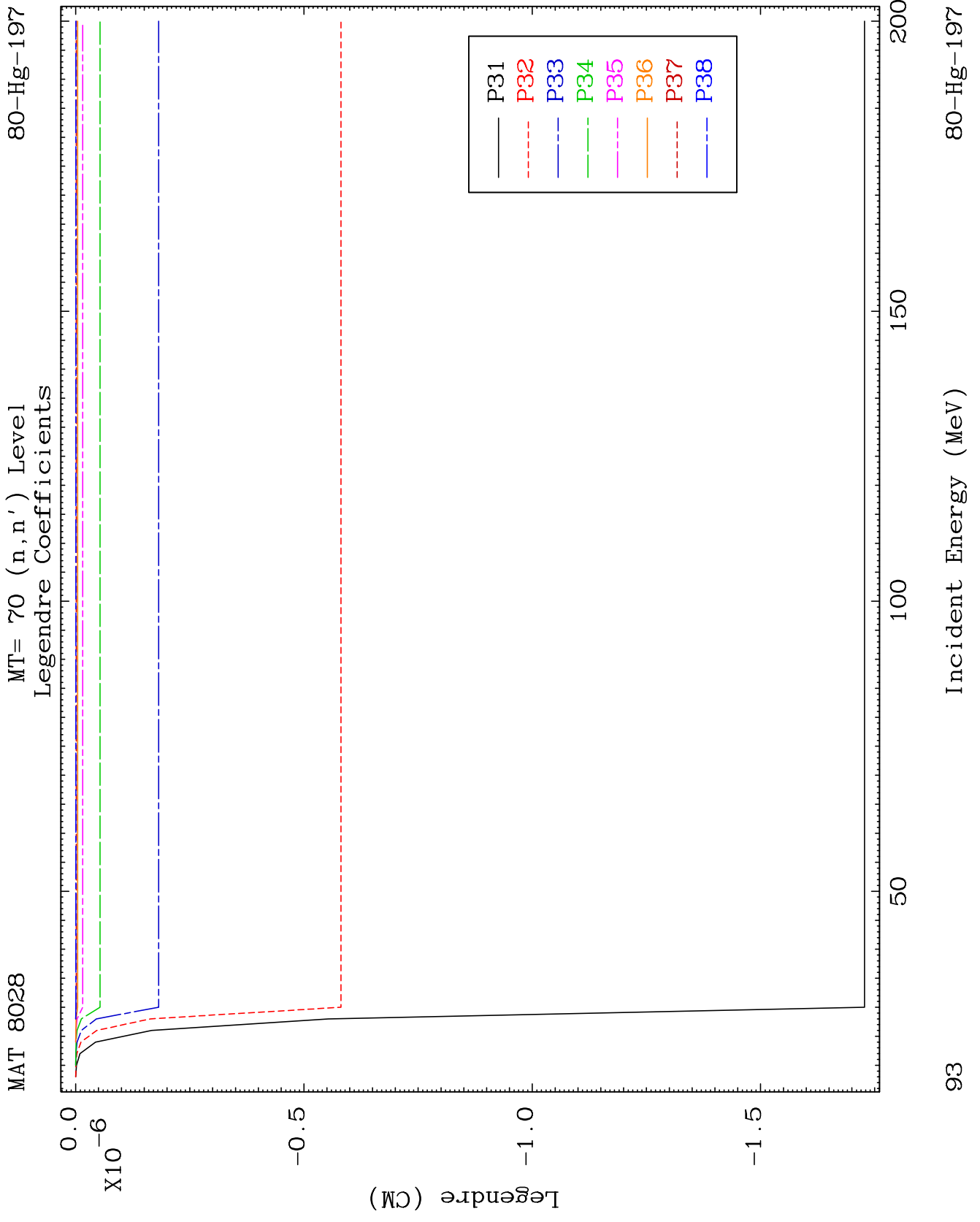








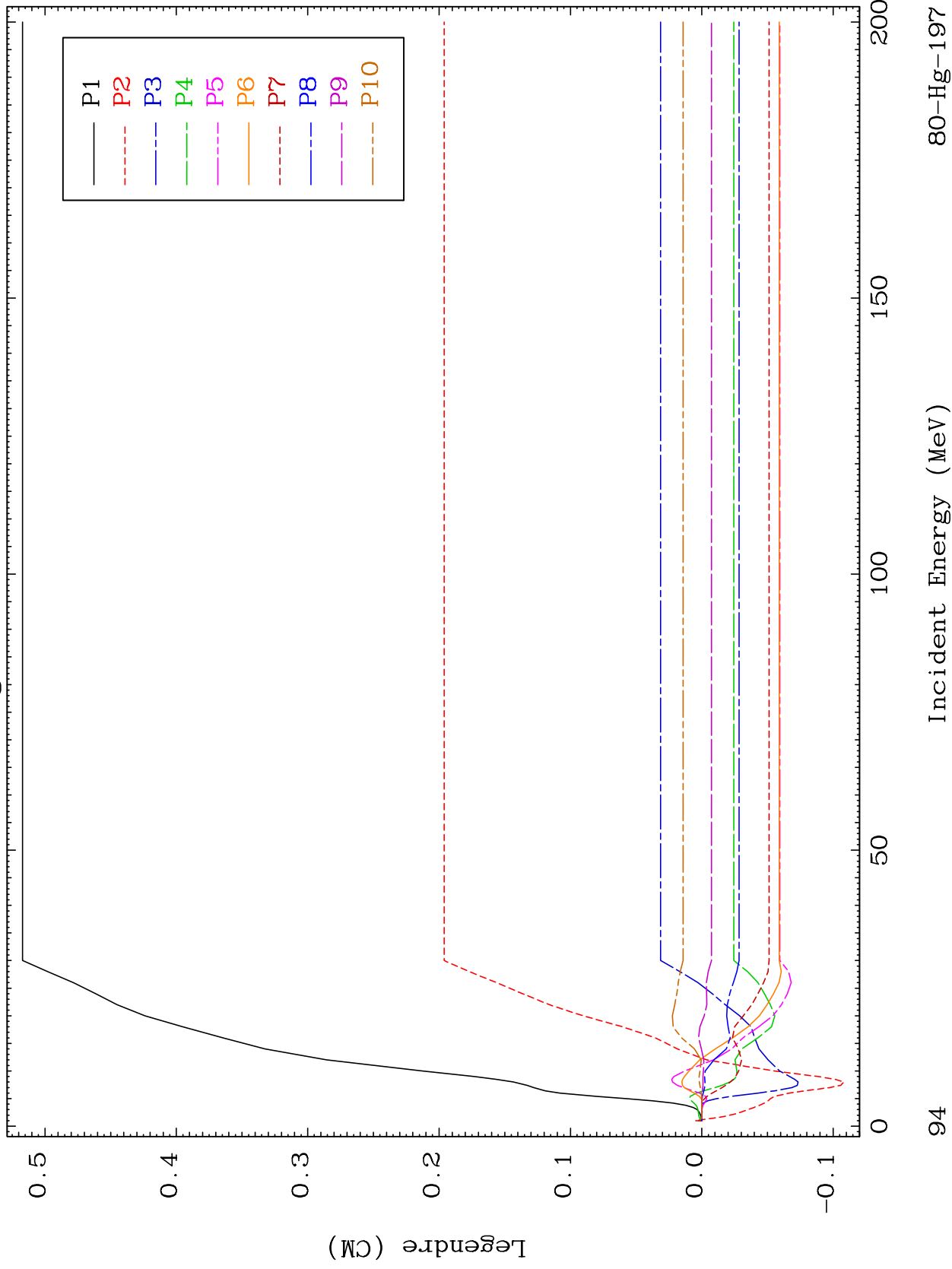




MAT 8028

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

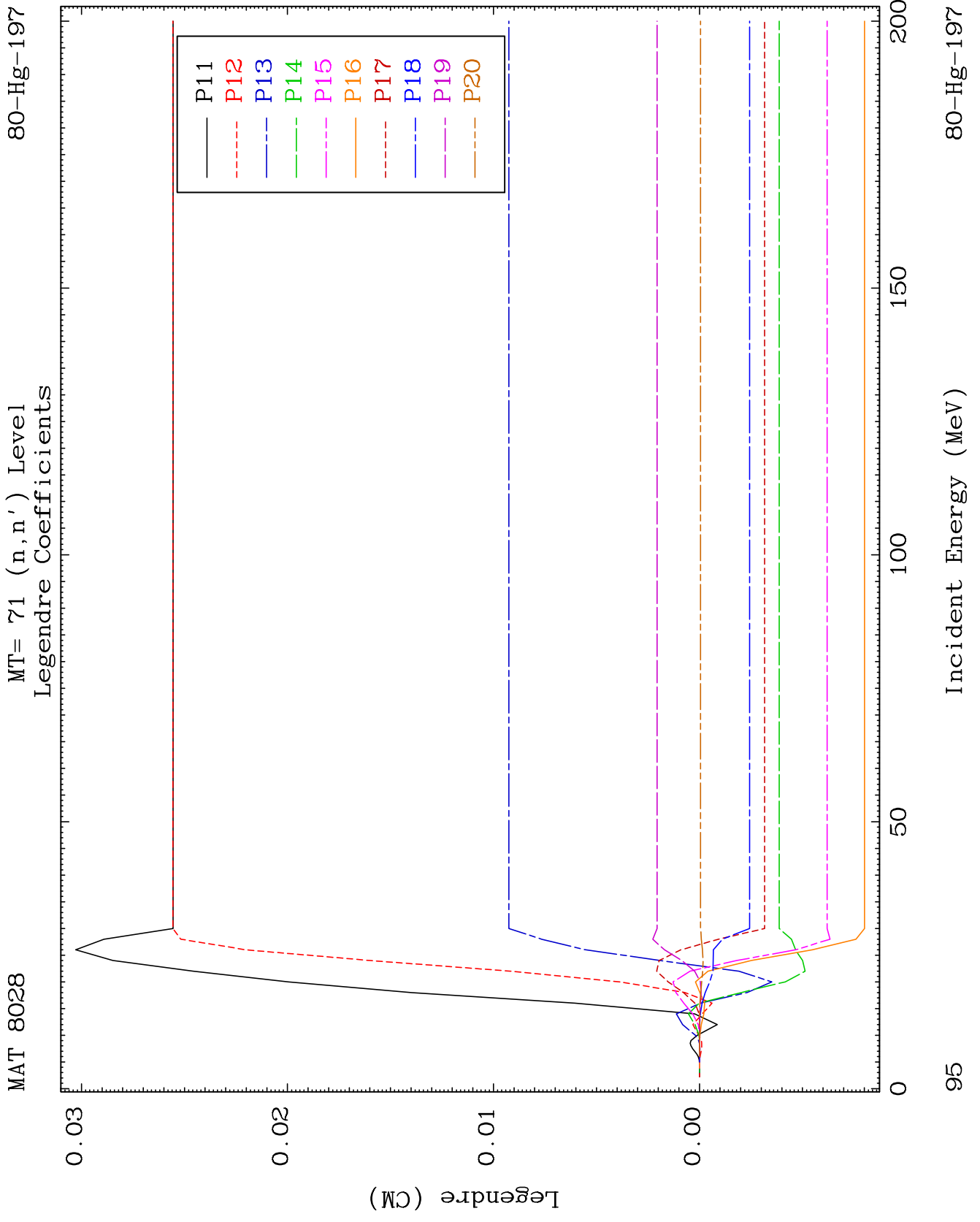
80-Hg-197

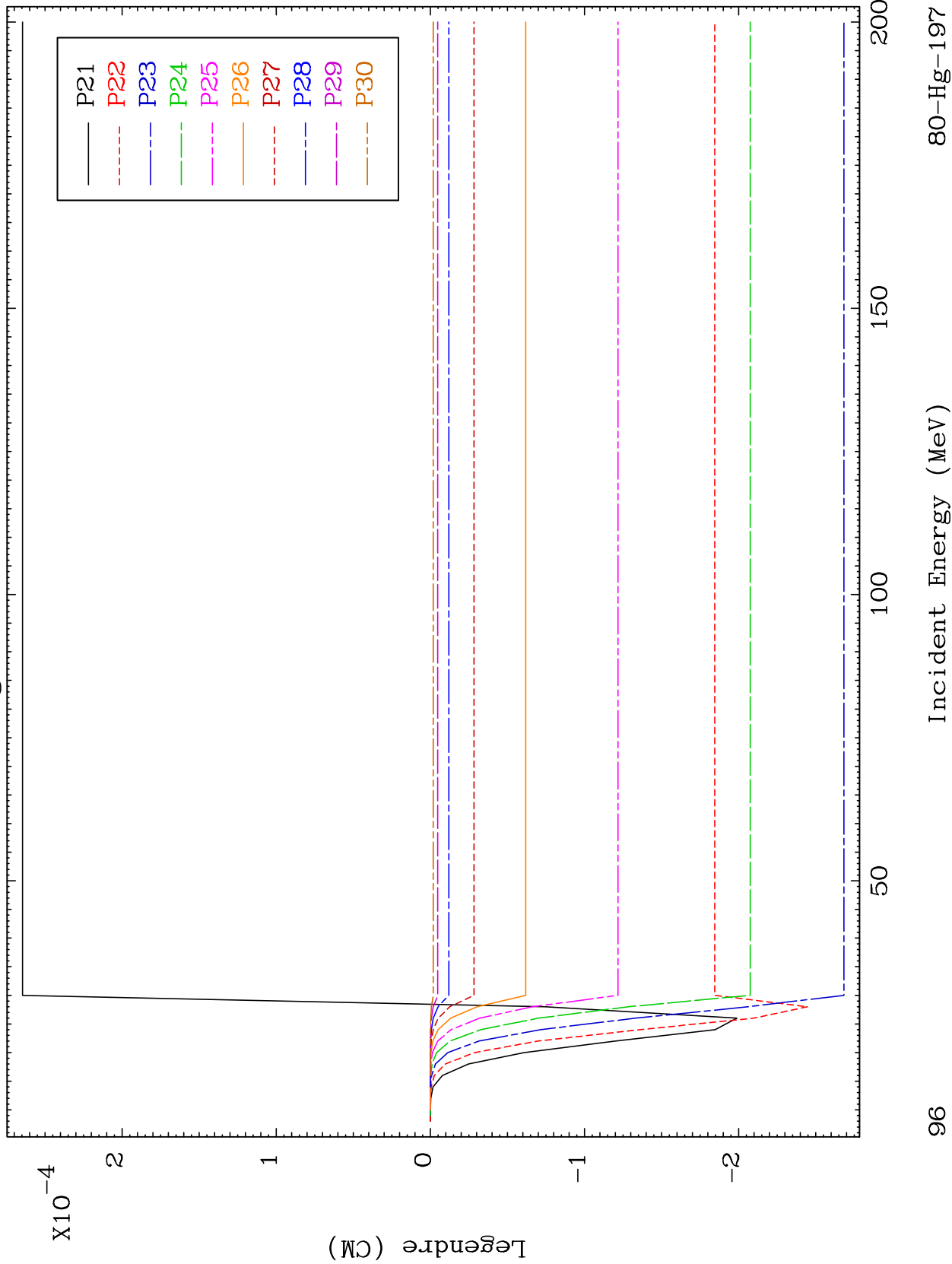


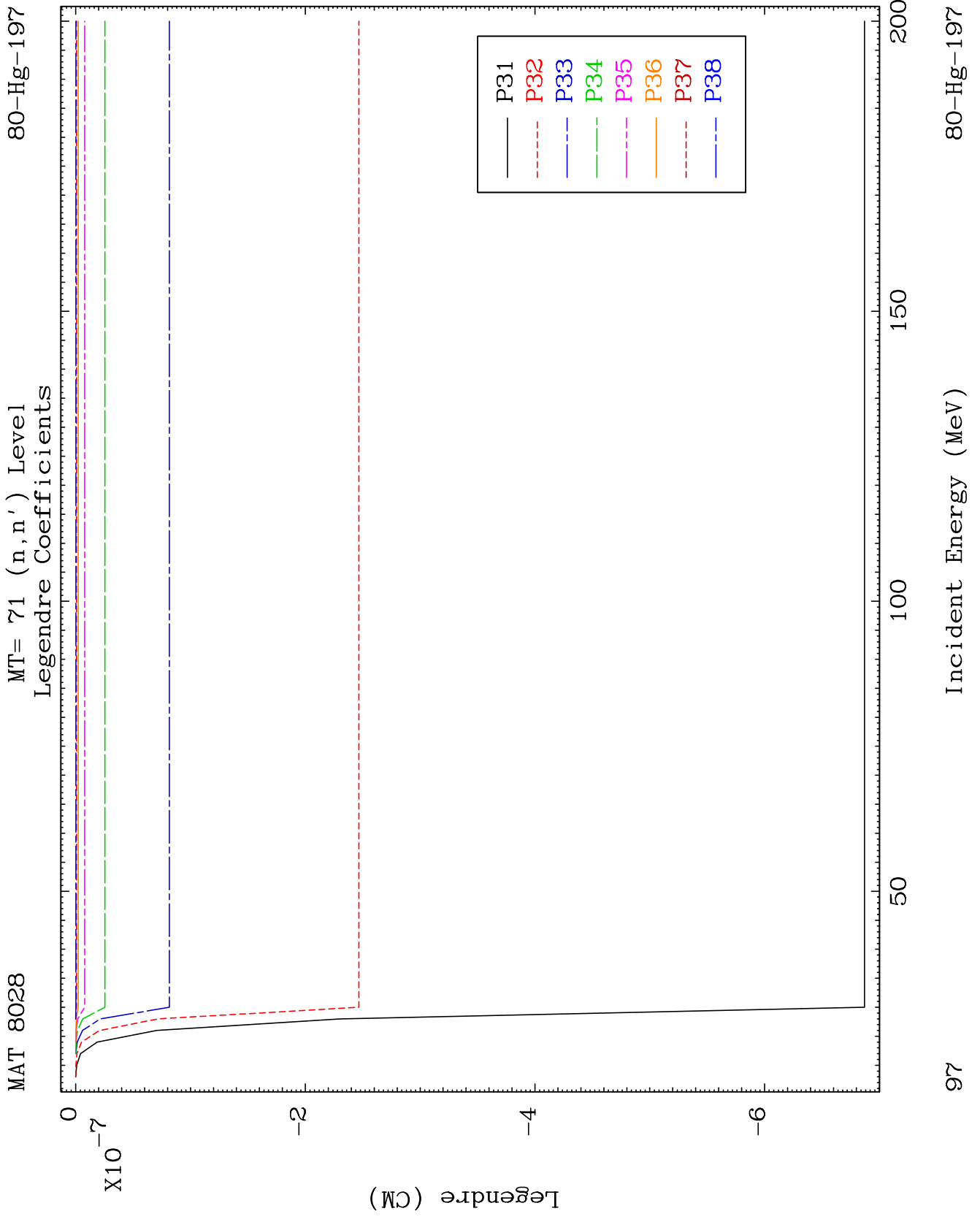
80-Hg-197

Incident Energy (MeV)

94



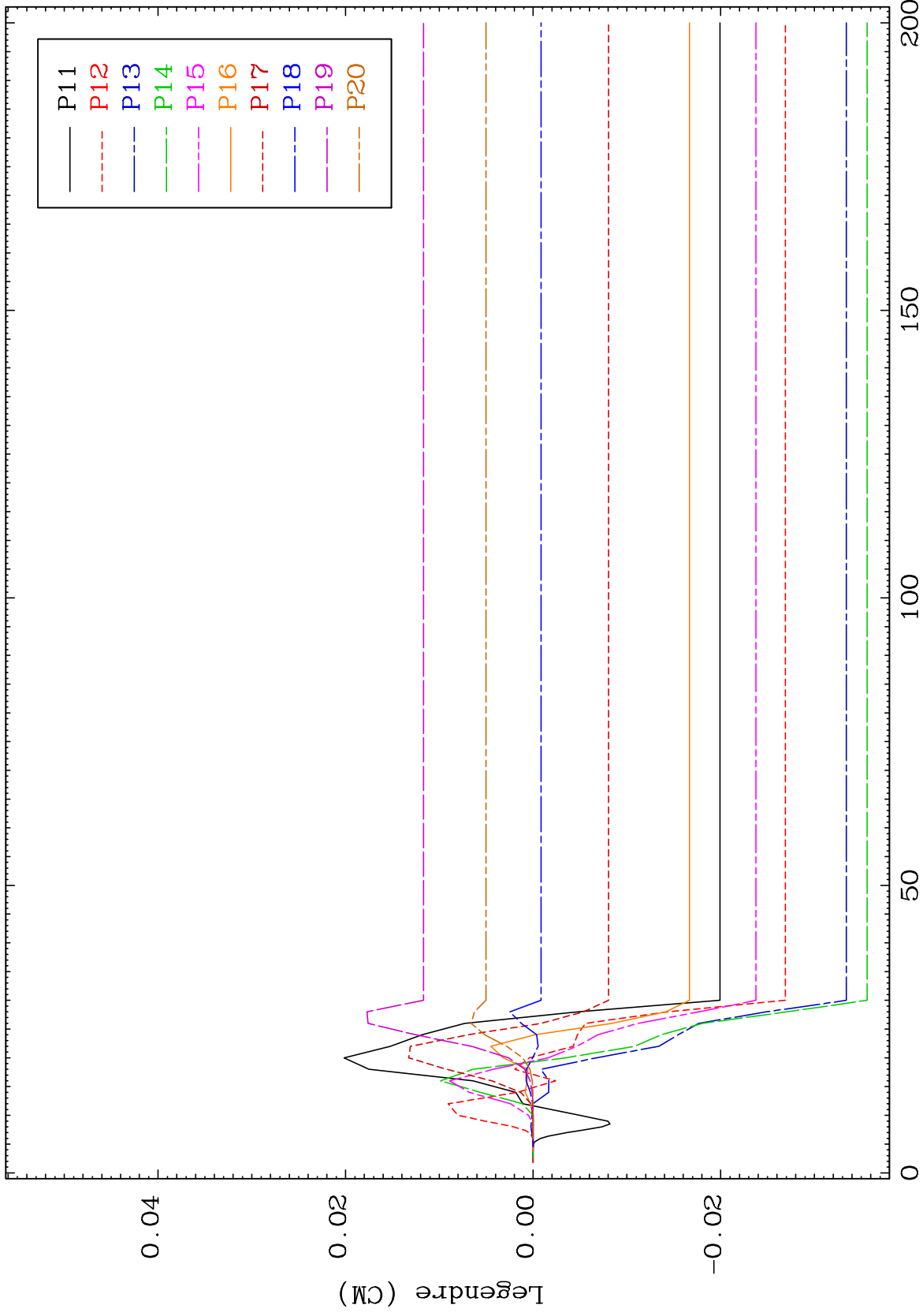




MAT 8028

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

80-Hg-197



99

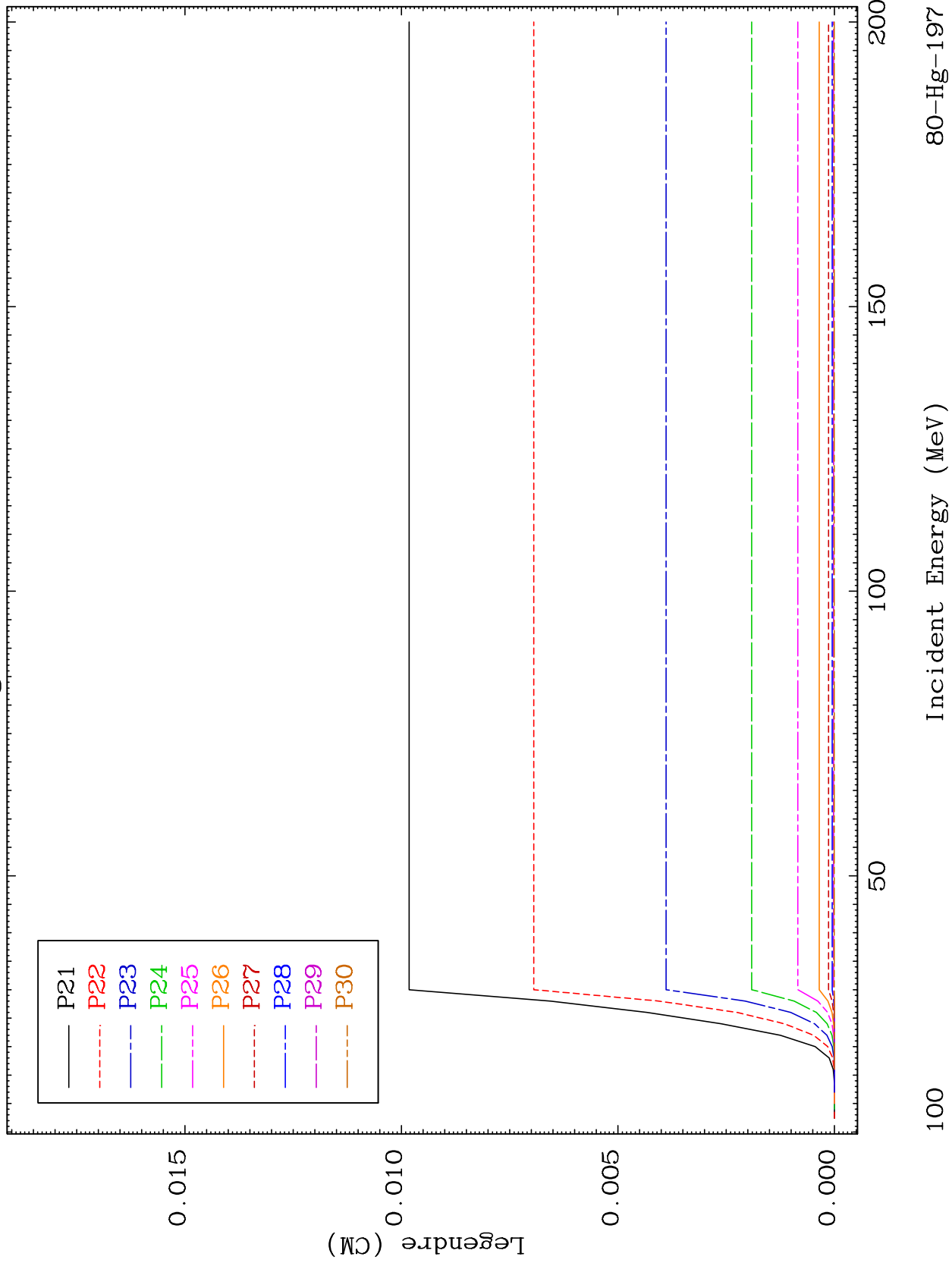
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

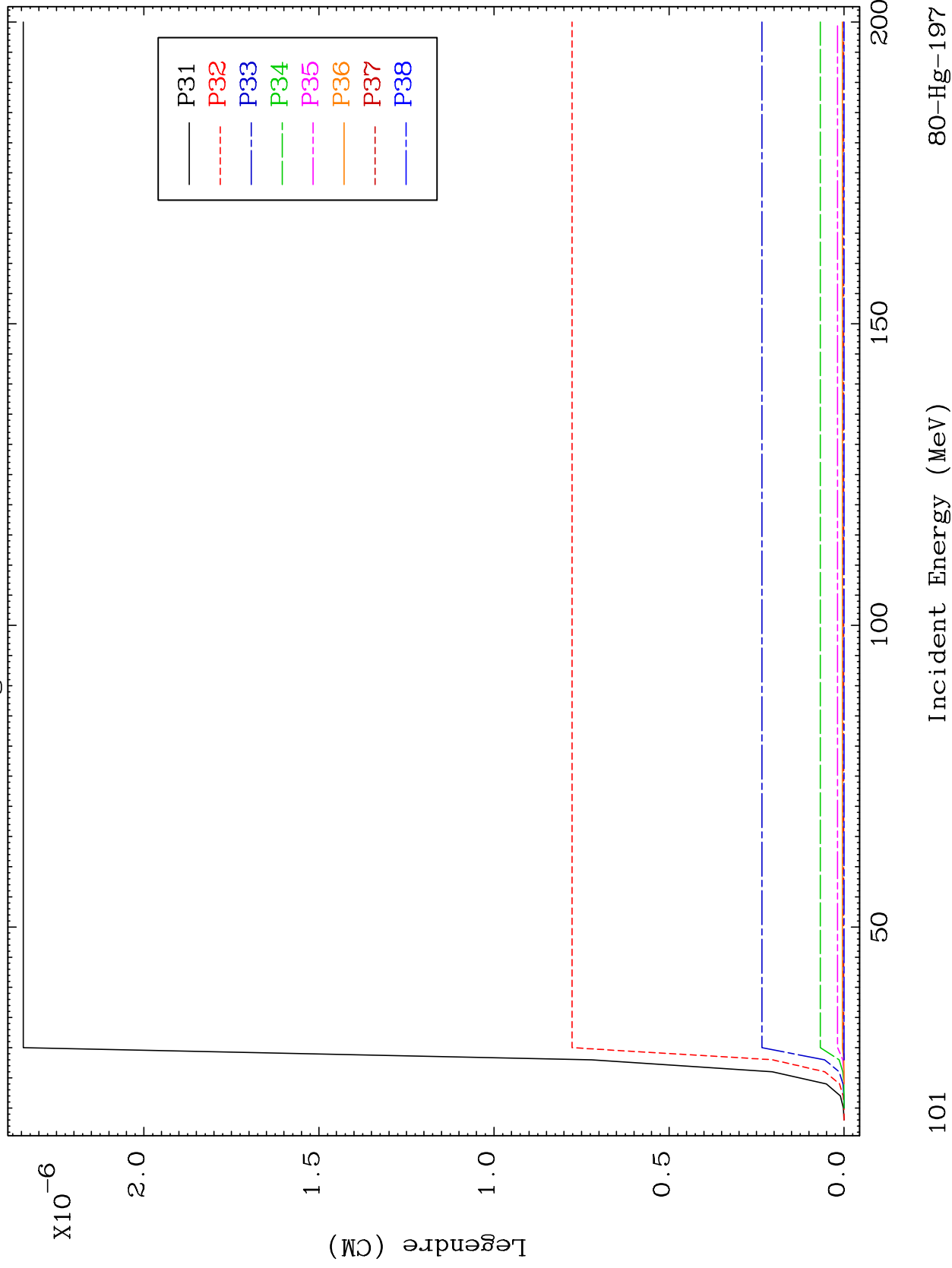
Incident Energy (MeV)

100

MAT 8028

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

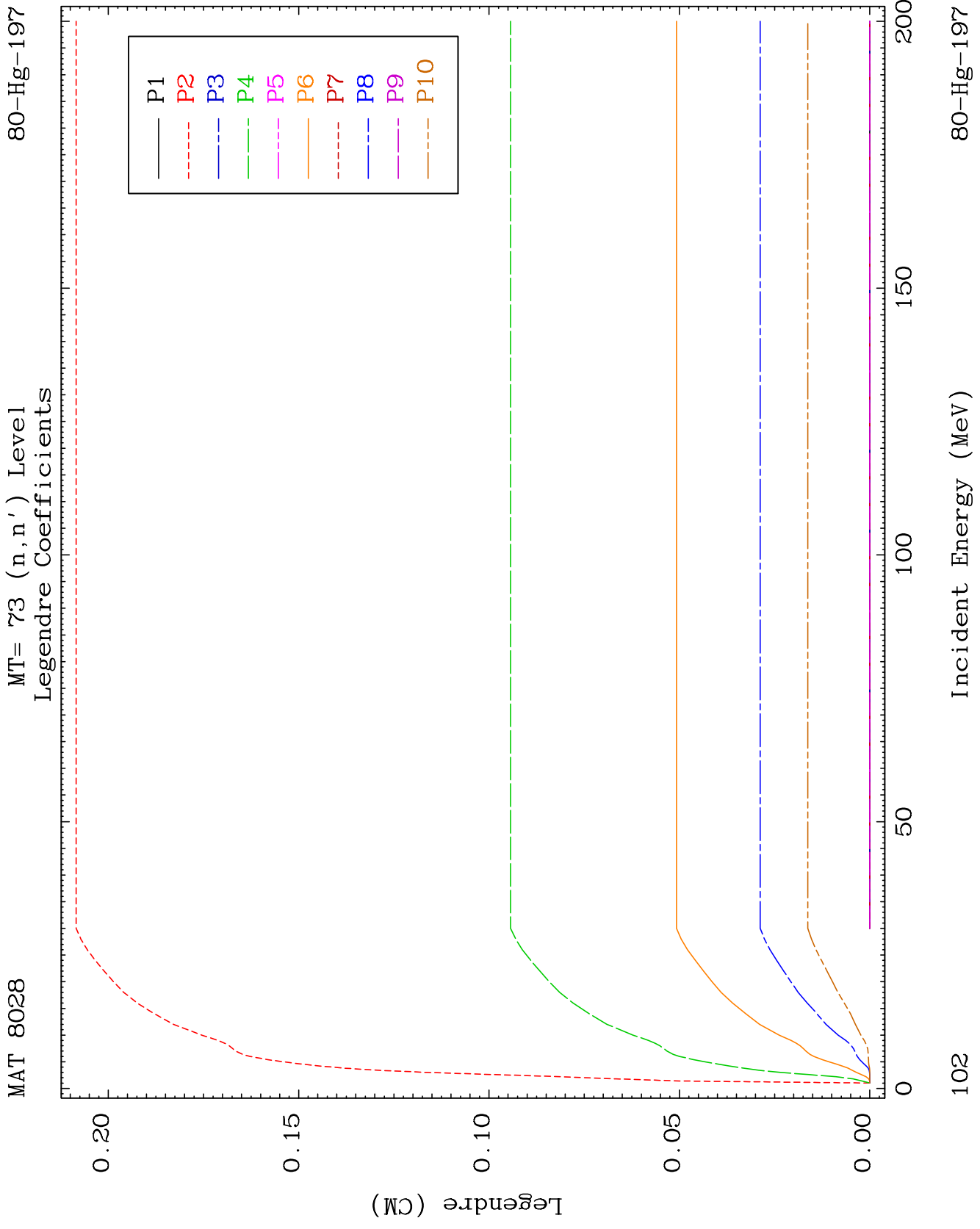
80-Hg-197



101

Incident Energy (MeV)

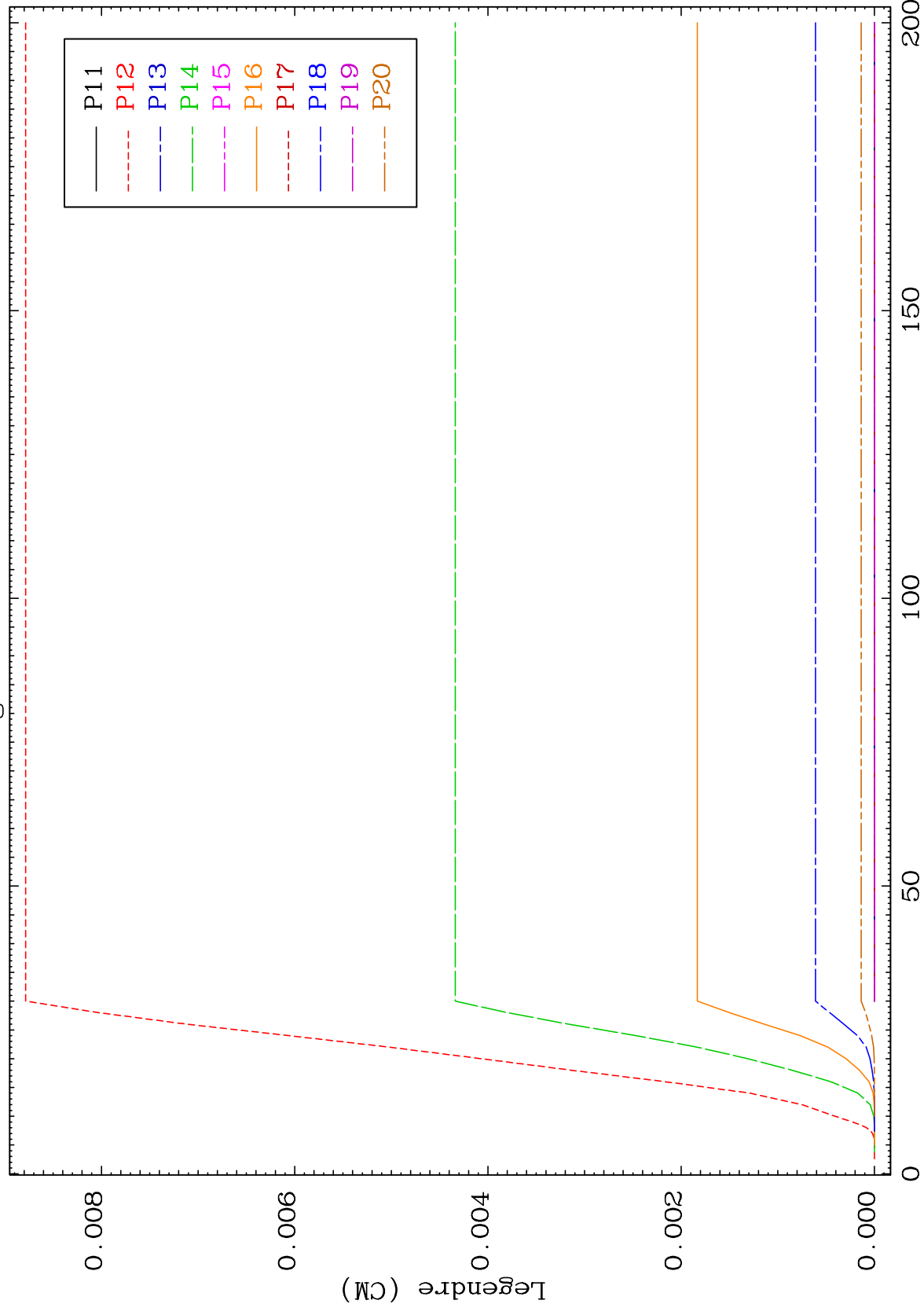
80-Hg-197



MAT 8028

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

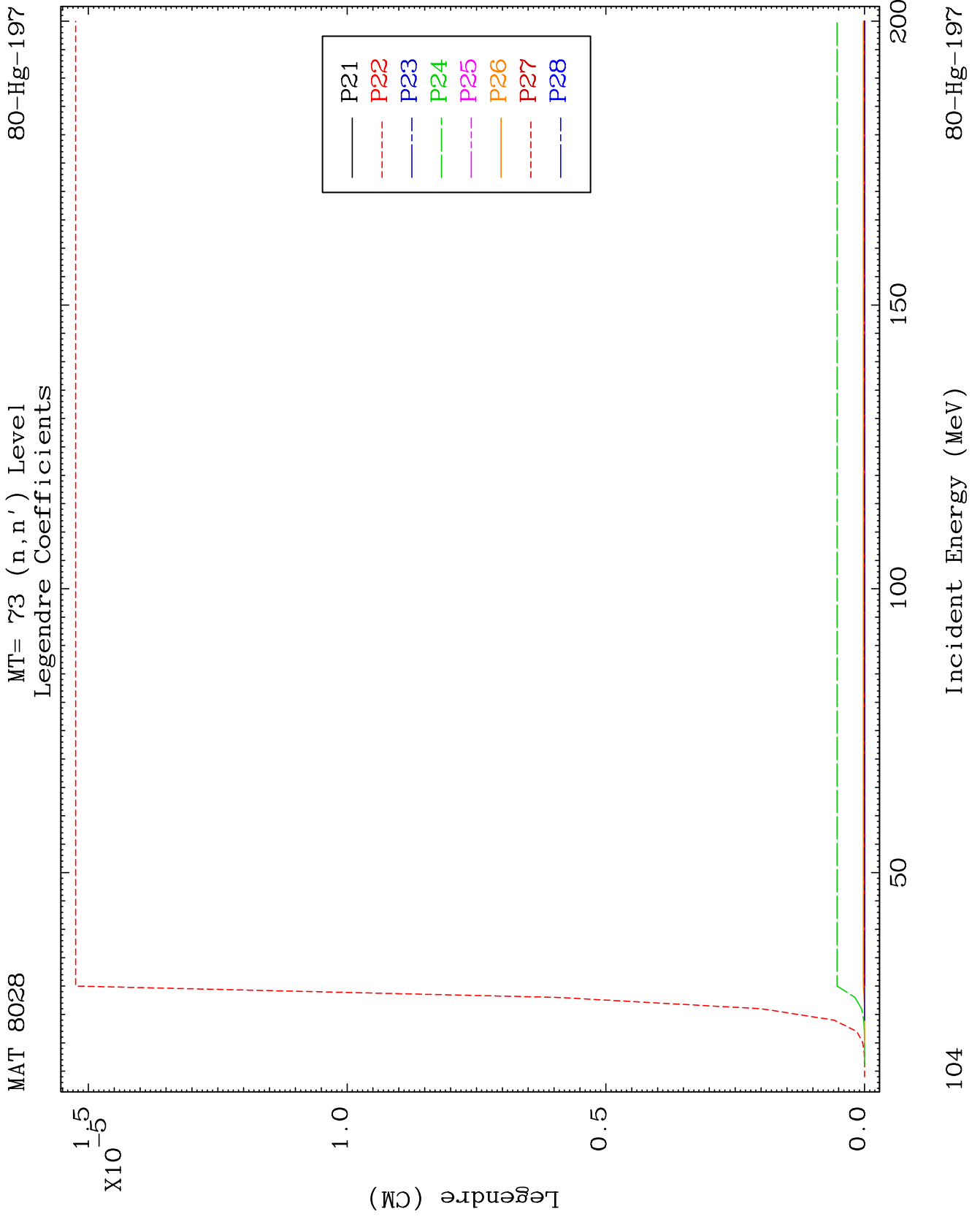
80-Hg-197



103

Incident Energy (MeV)

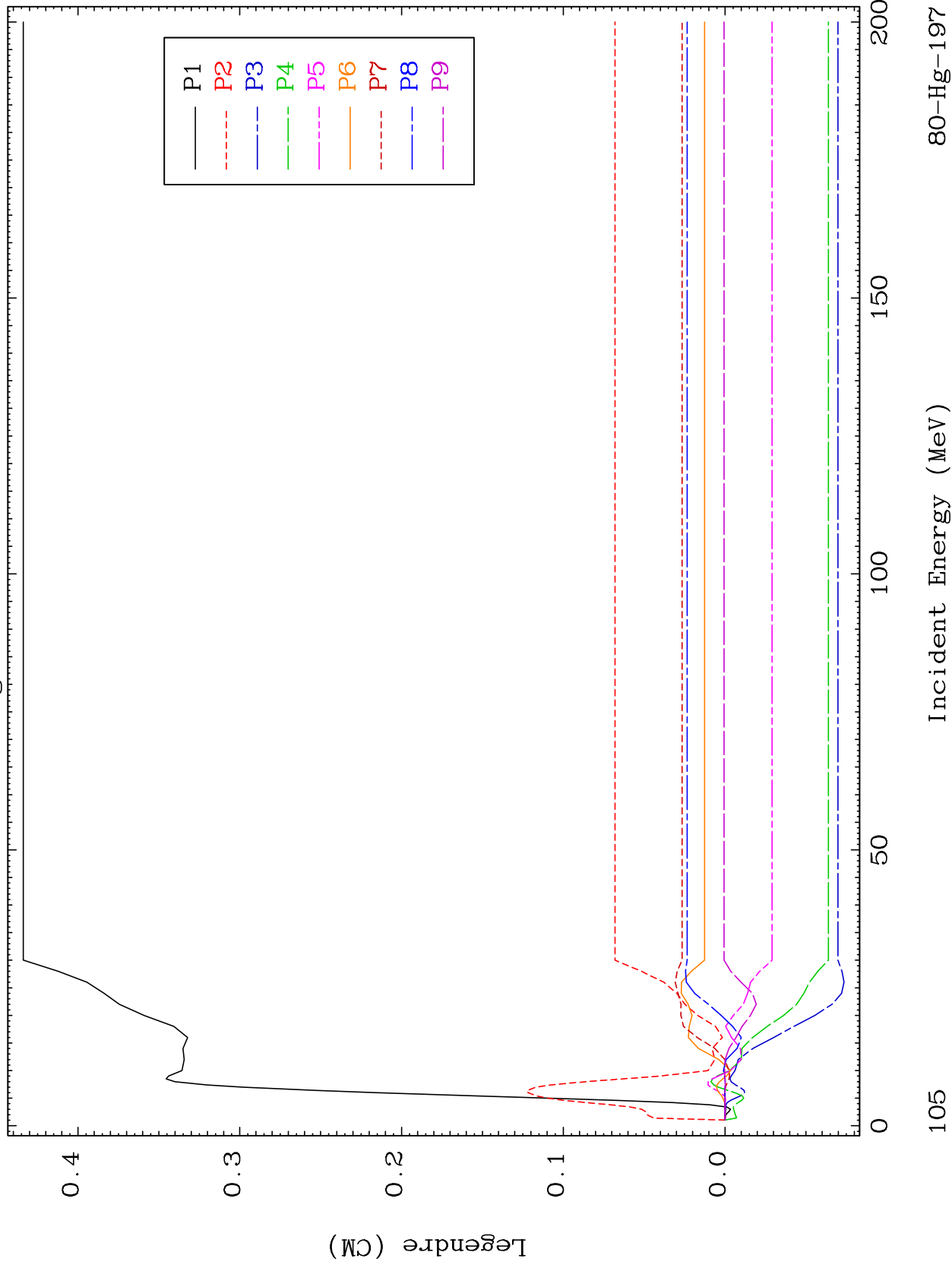
80-Hg-197



MAT 8028

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

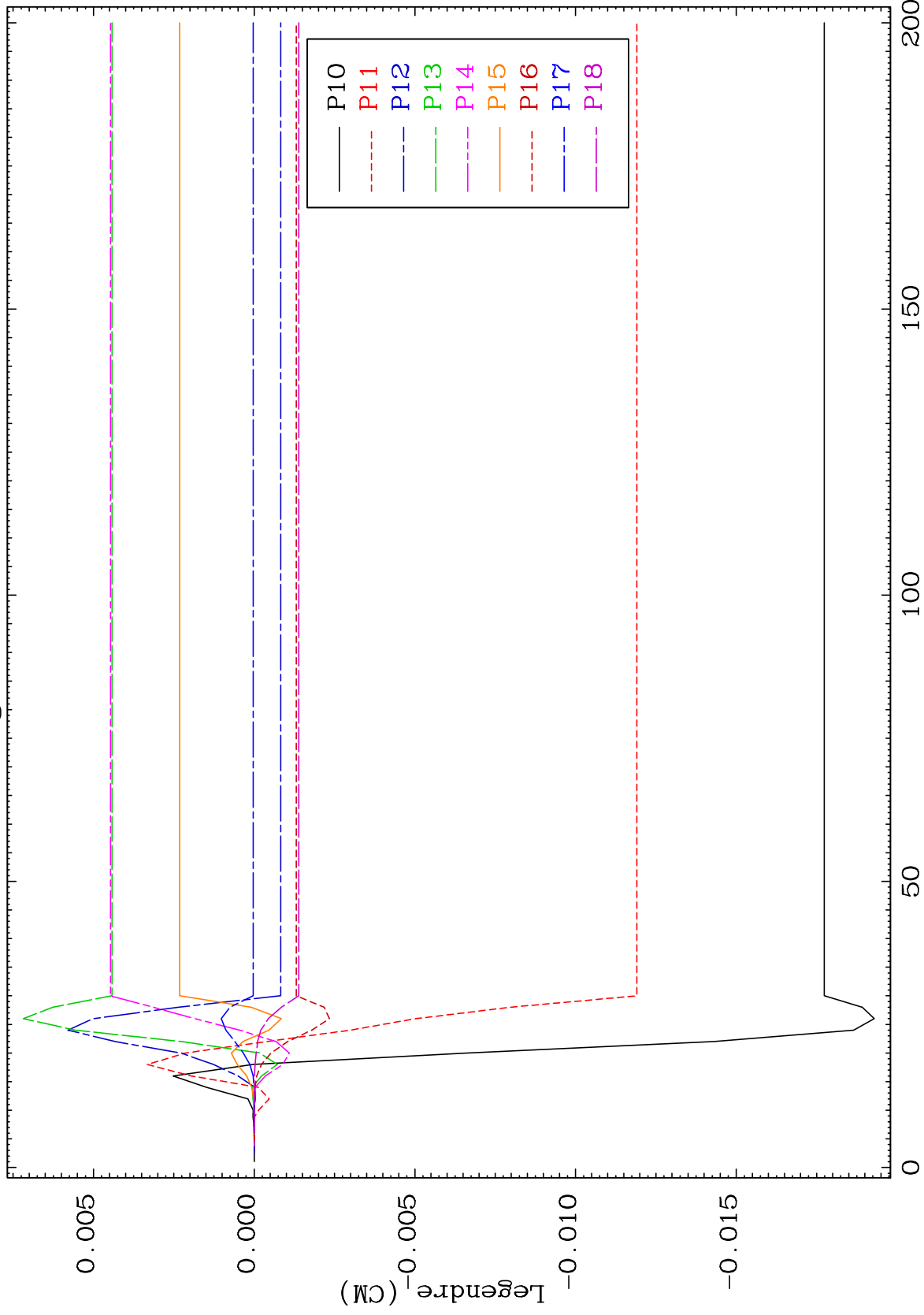
80-Hg-197



MAT 8028

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

80-Hg-197



106

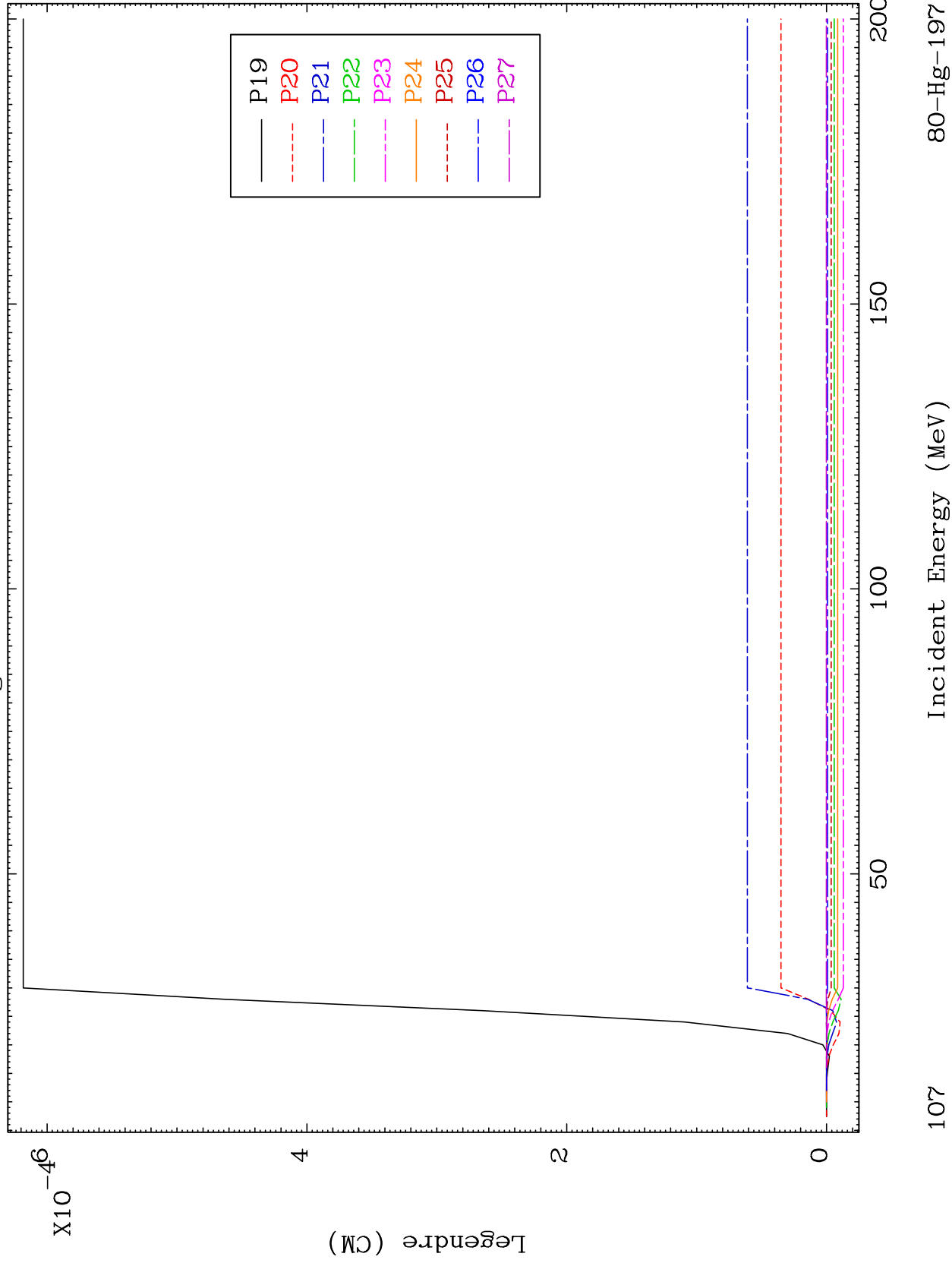
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

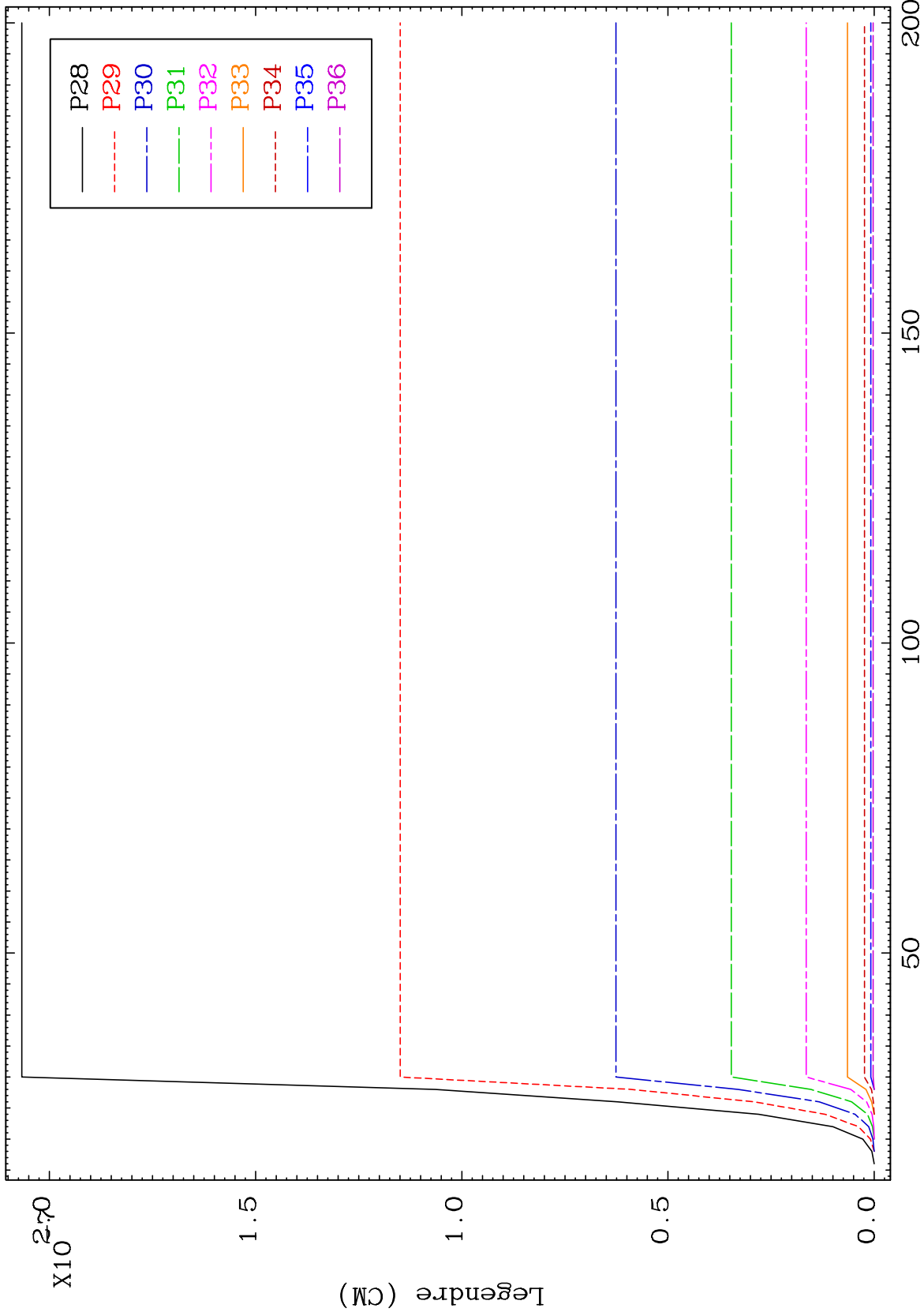
80-Hg-197



MAT 8028

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

80-Hg-197



108

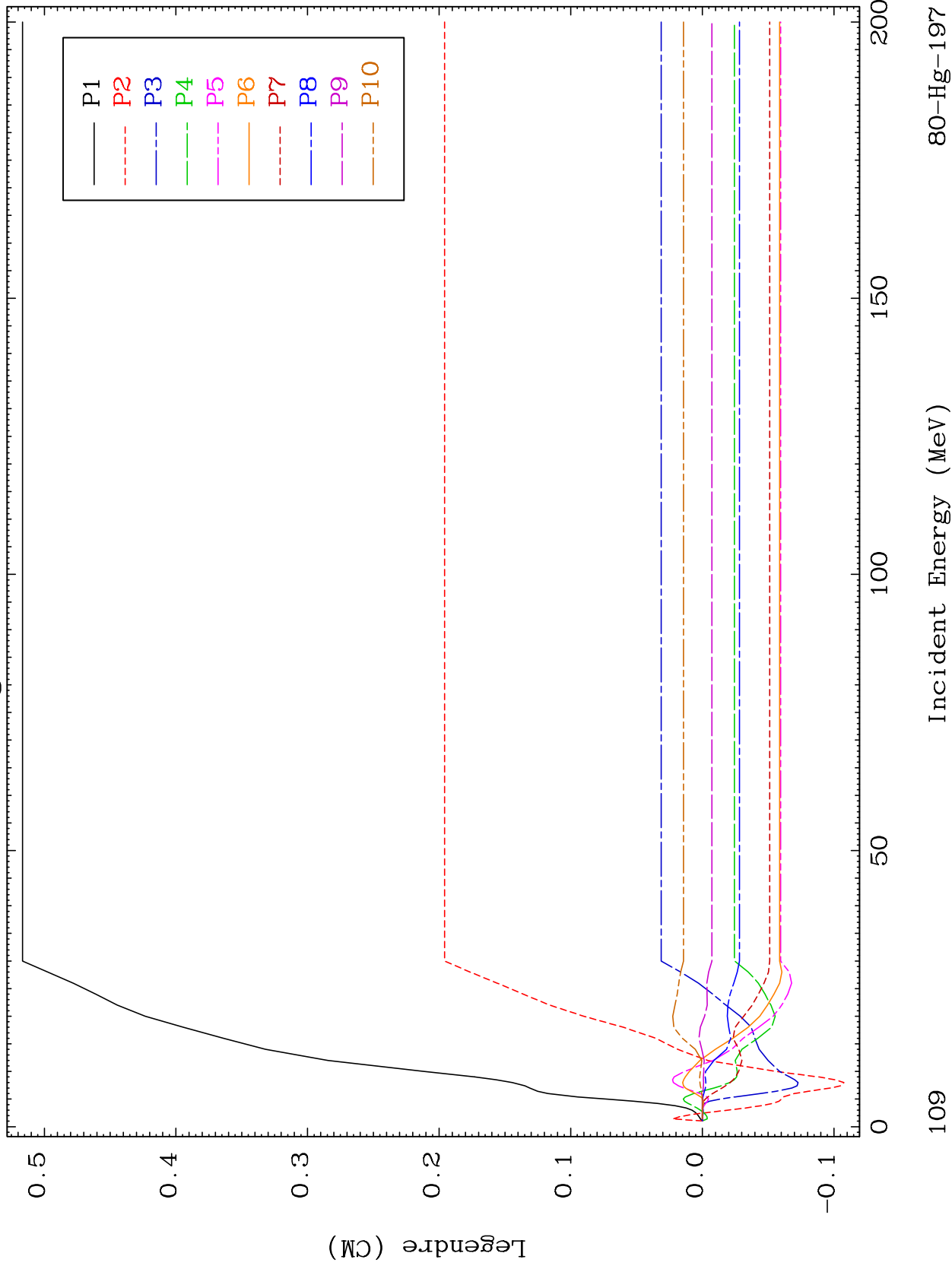
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

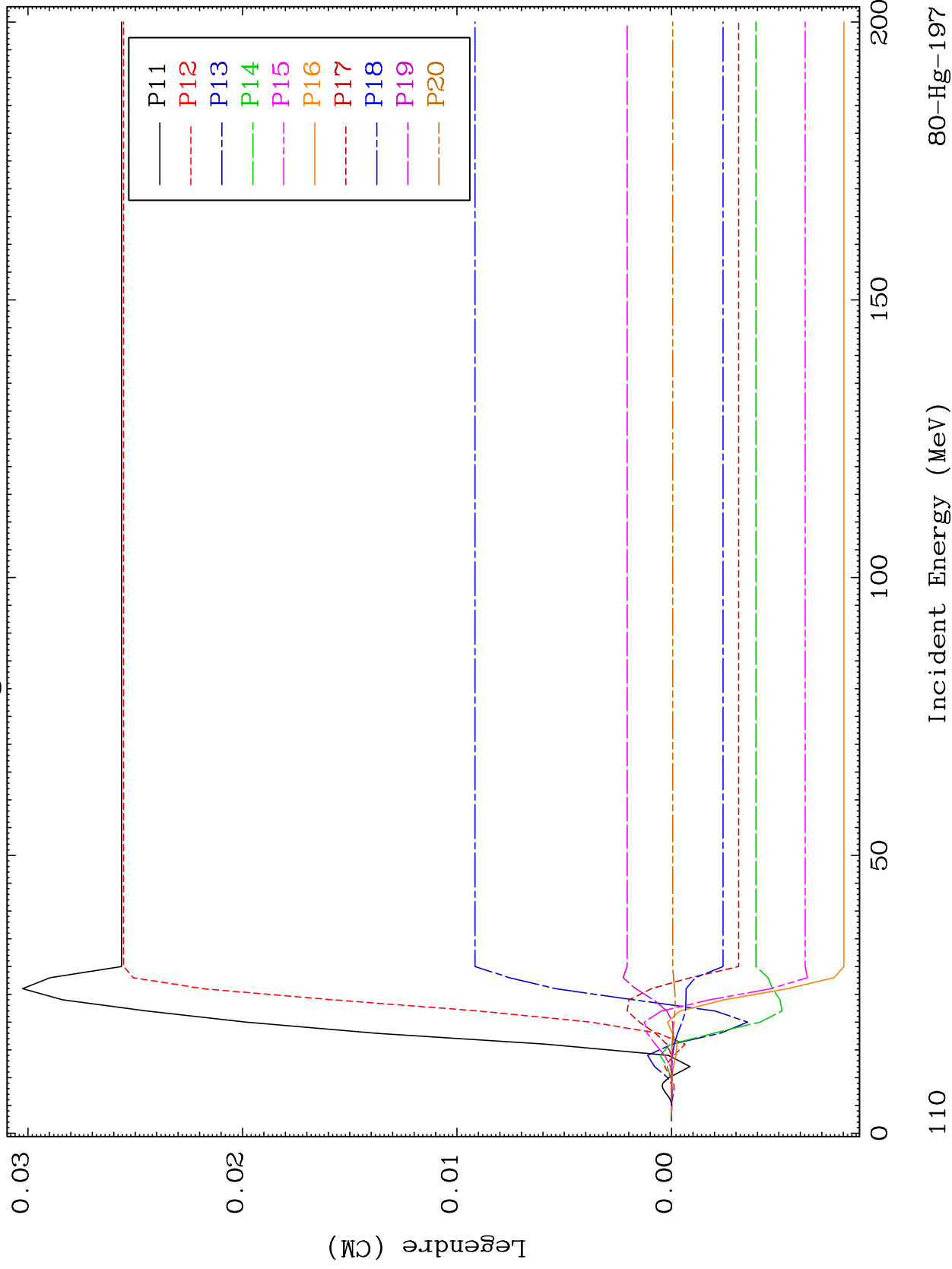
Incident Energy (MeV)

109

MAT 8028

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

80-Hg-197



80-Hg-197

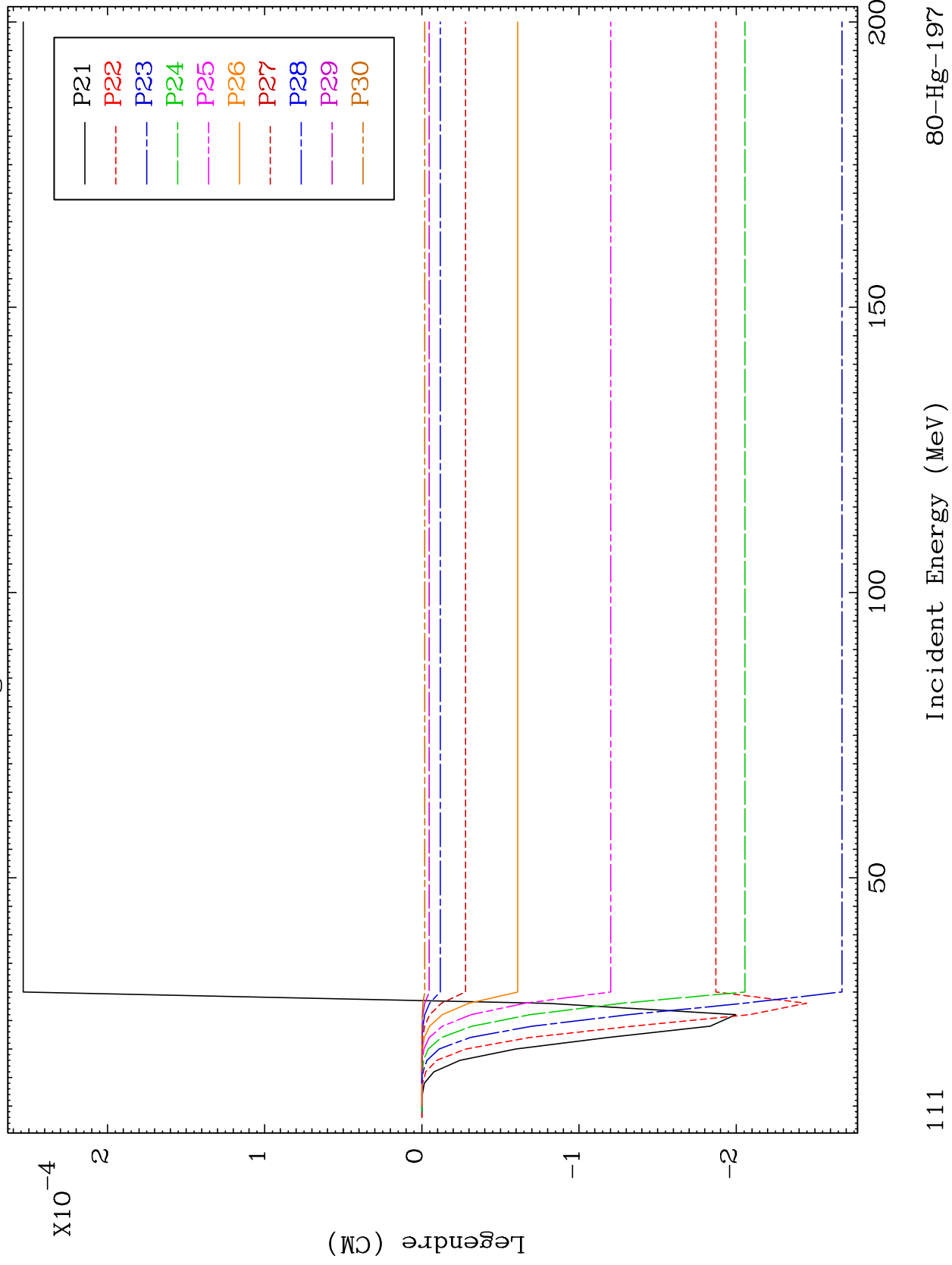
Incident Energy (MeV)

110

MAT 8028

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

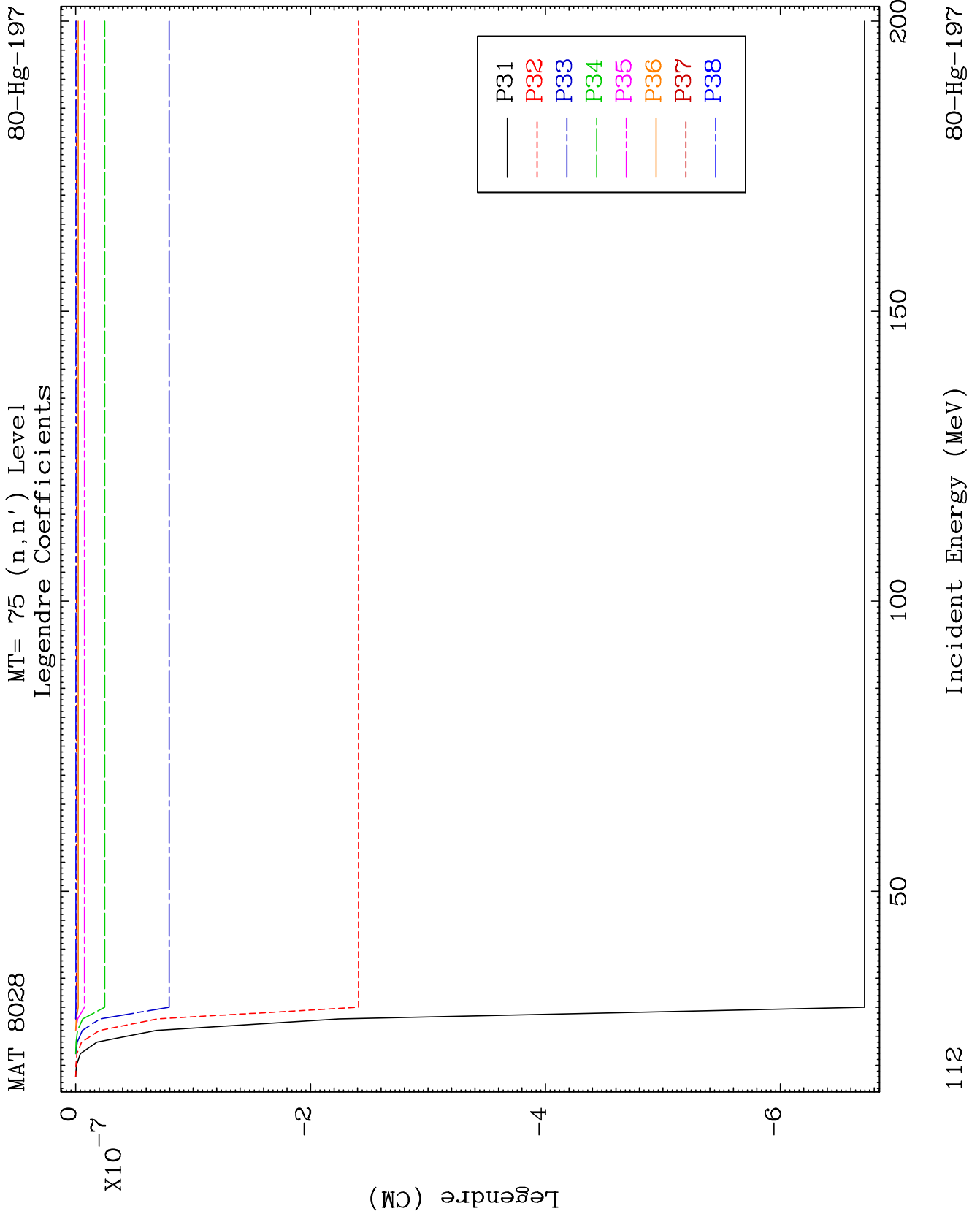
80-Hg-197



111

Incident Energy (MeV)

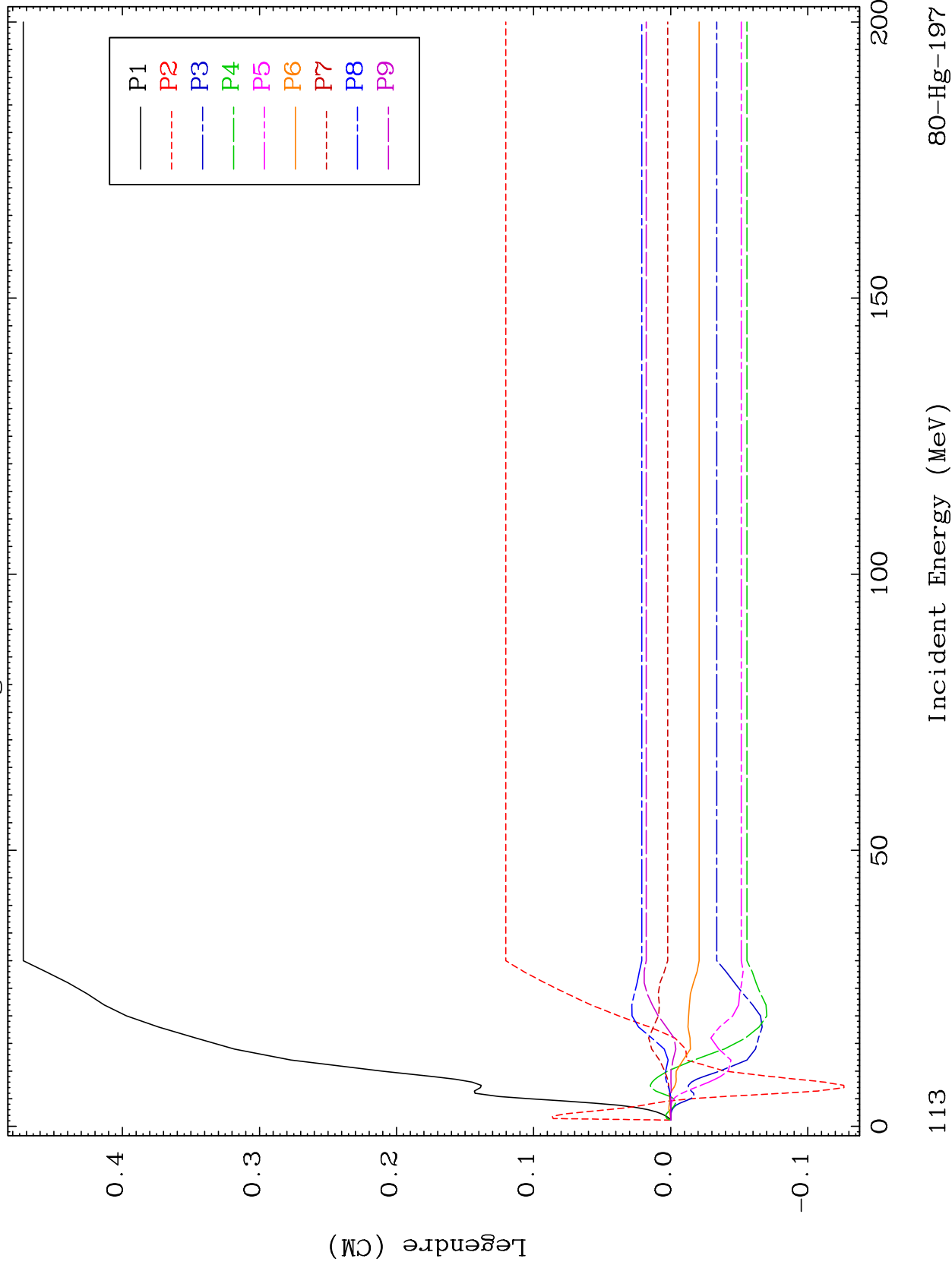
80-Hg-197



MAT 8028

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

80-Hg-197



80-Hg-197

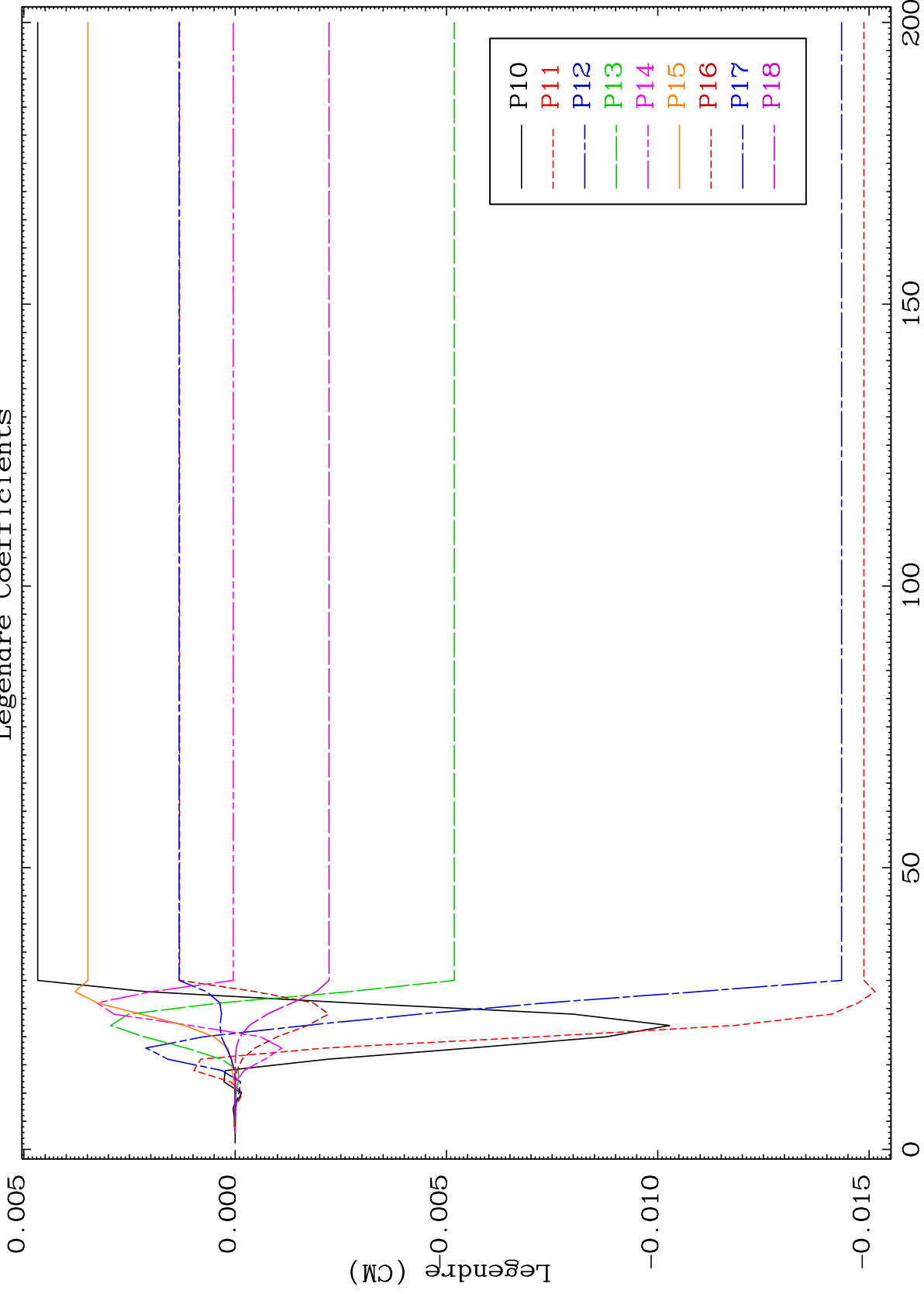
Incident Energy (MeV)

113

MAT 8028

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

80-Hg-197



114

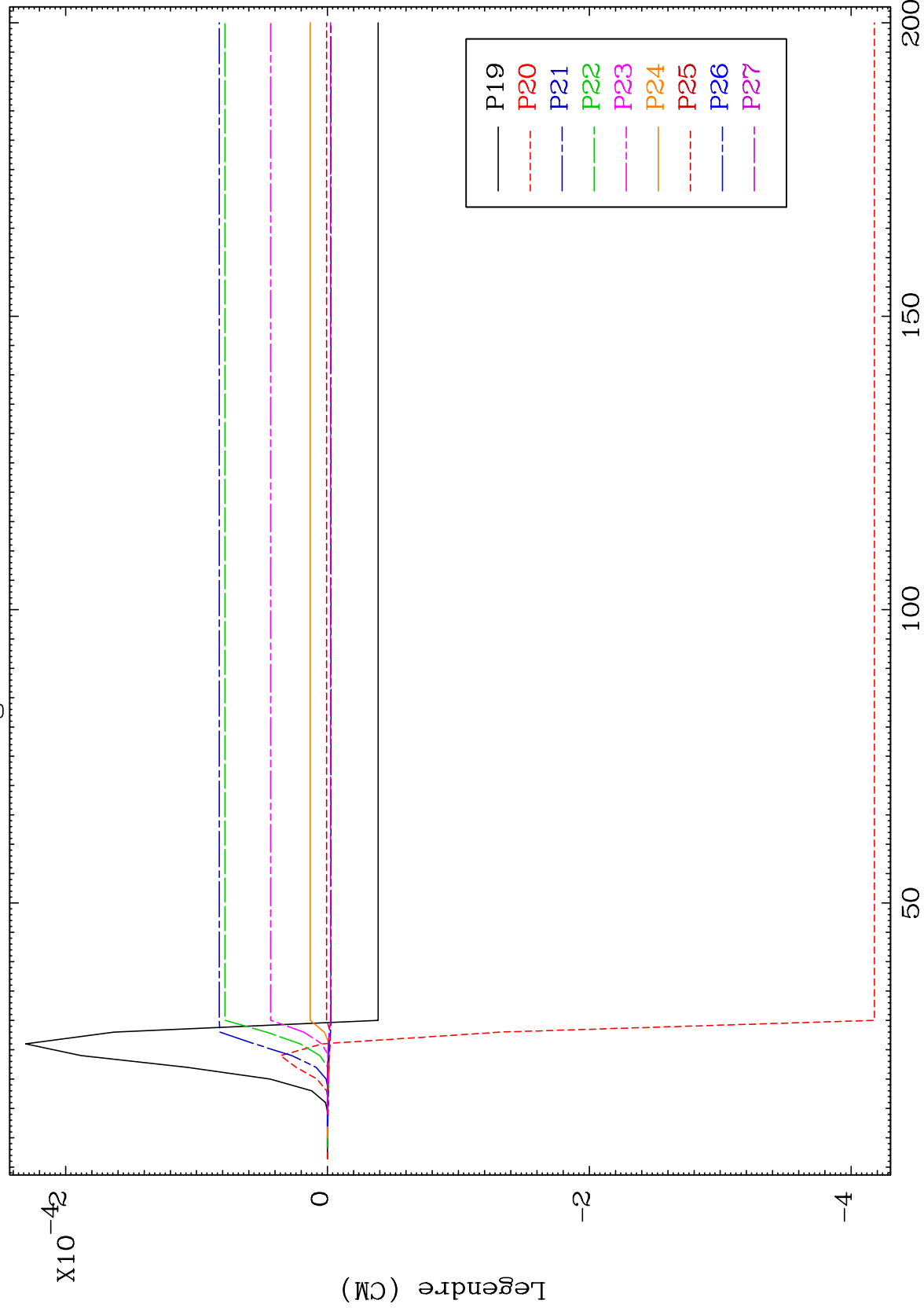
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

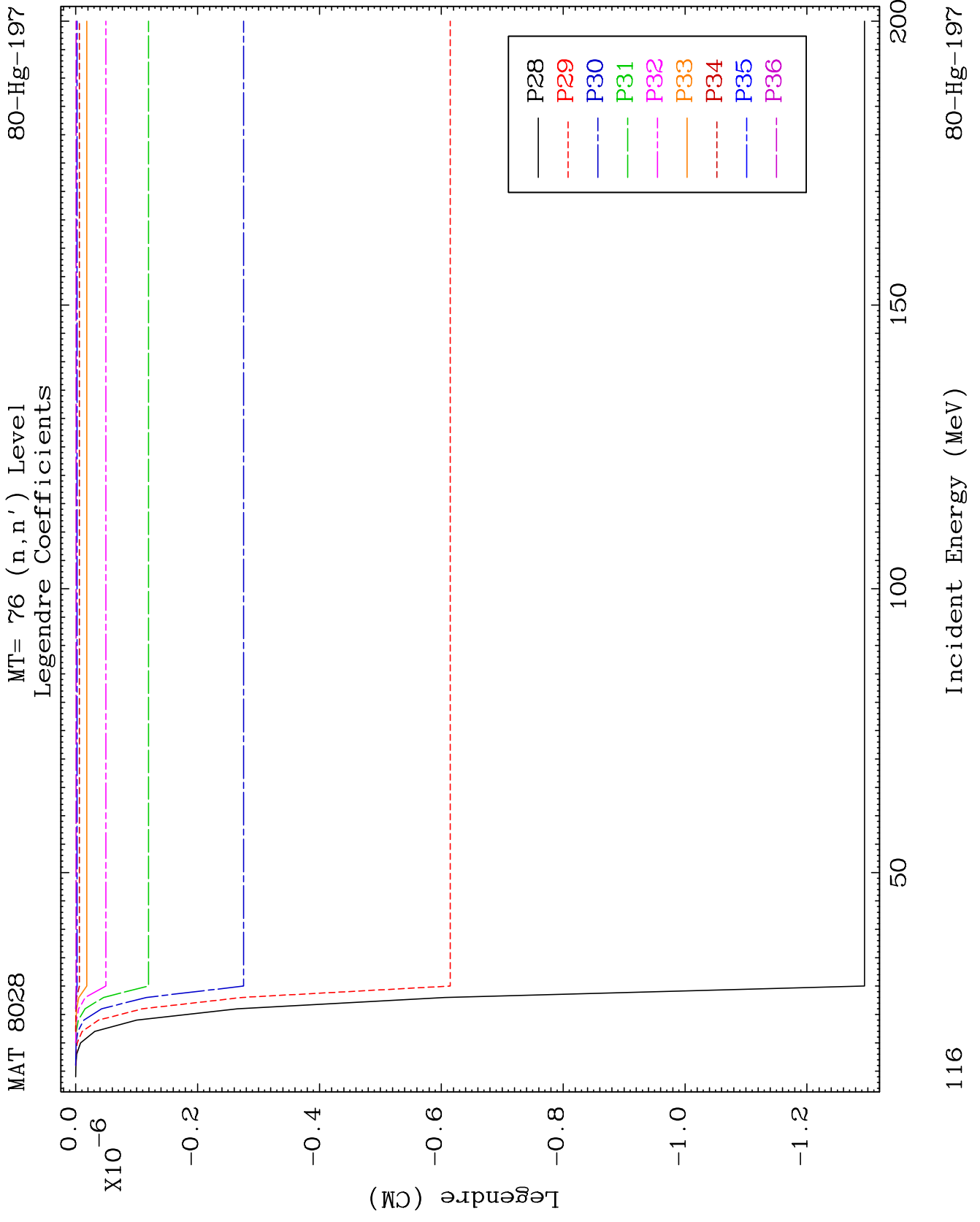
80-Hg-197



115

Incident Energy (MeV)

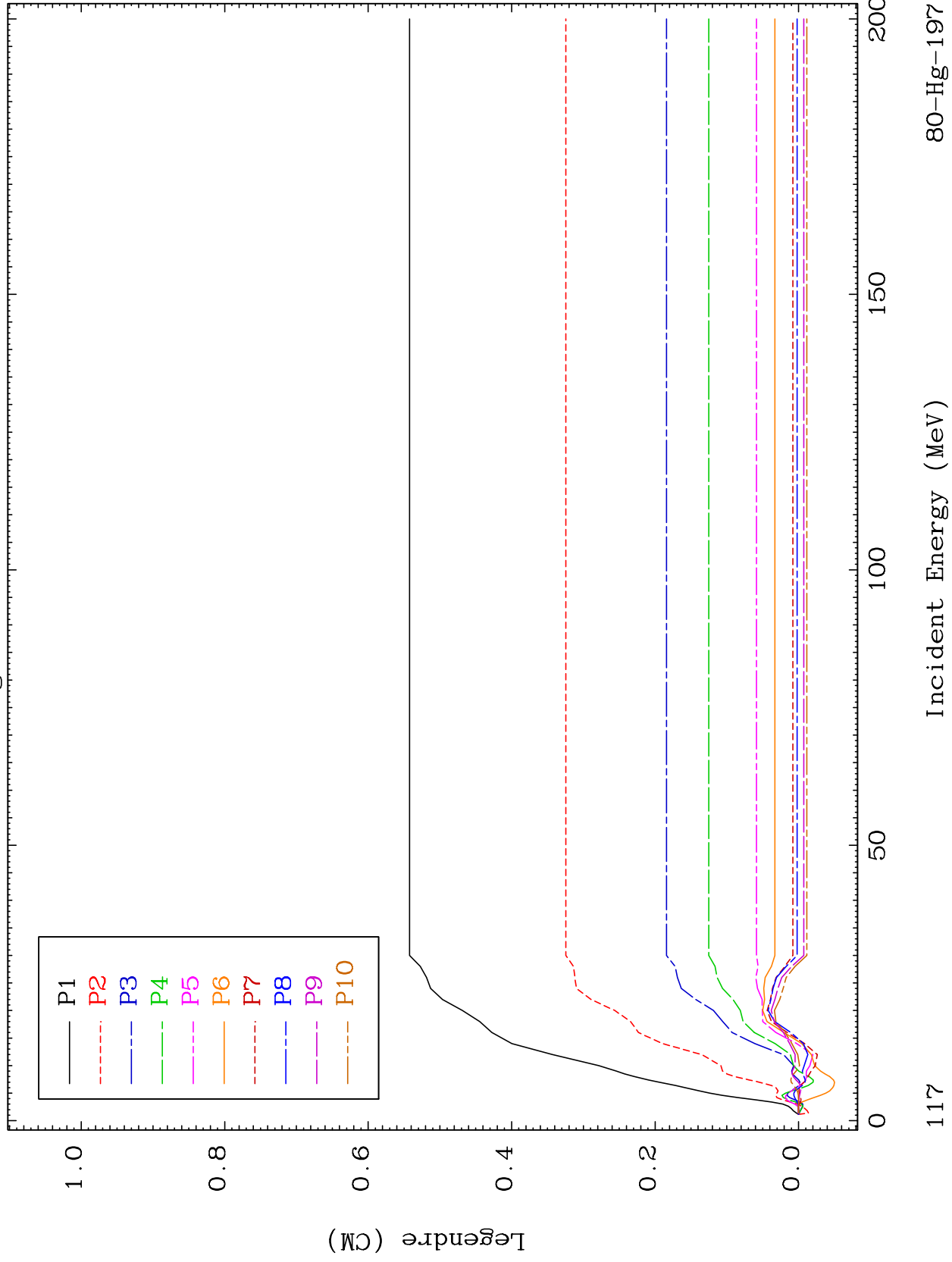
80-Hg-197



MAT 8028

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

80-Hg-197

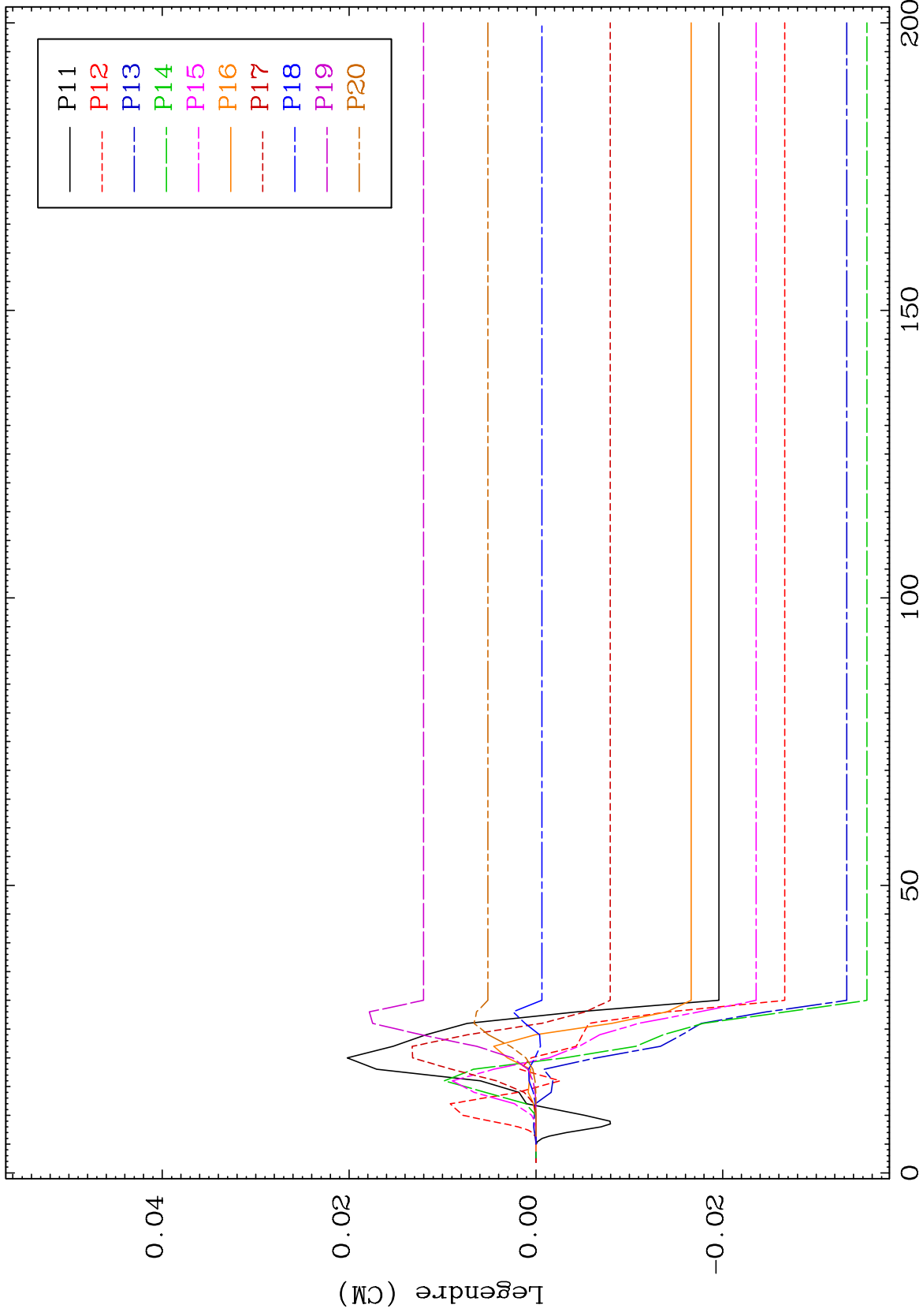


117

MAT 8028

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

80-Hg-197



118

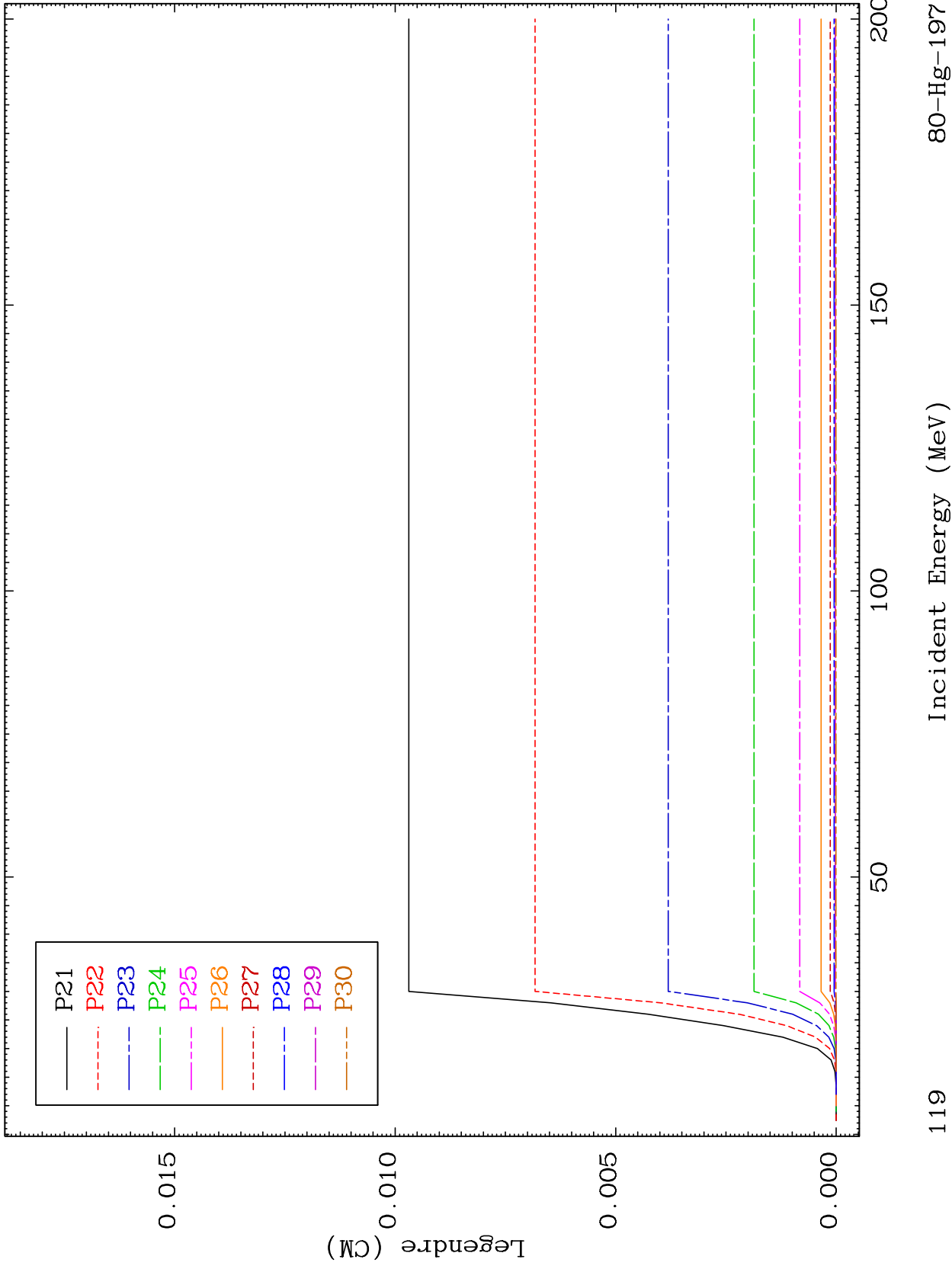
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



119

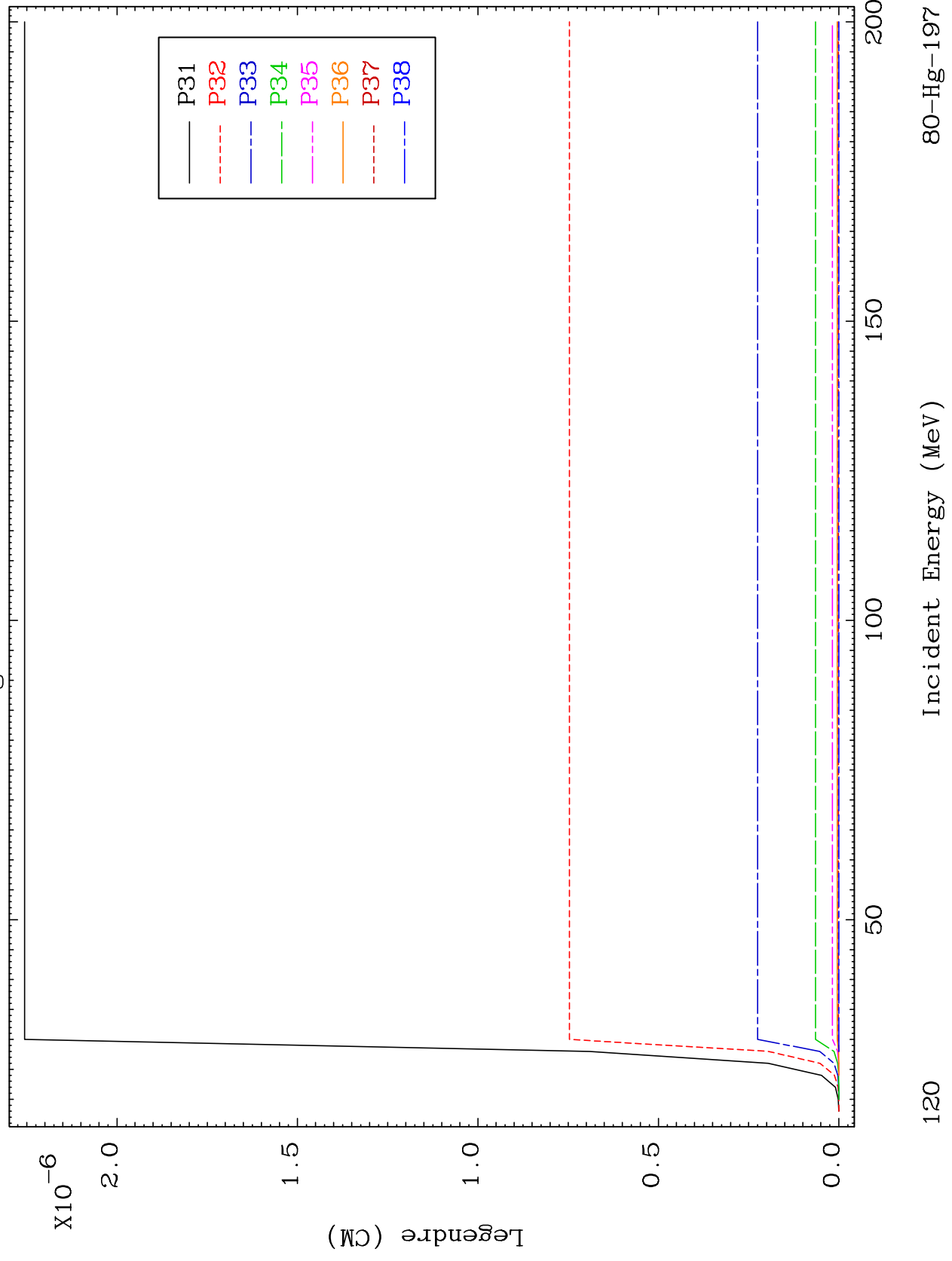
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197

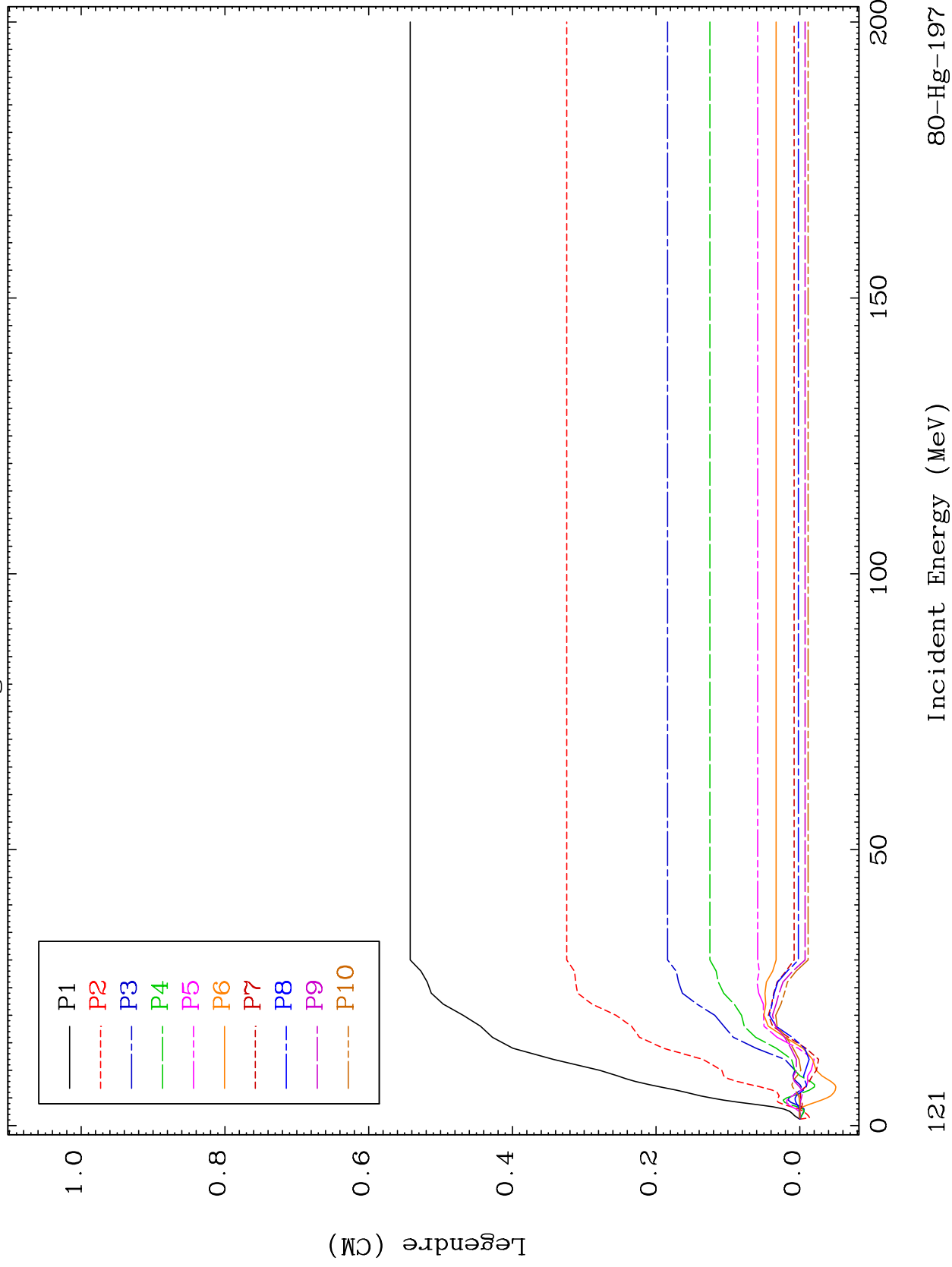


80-Hg-197

MAT 8028

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

80-Hg-197

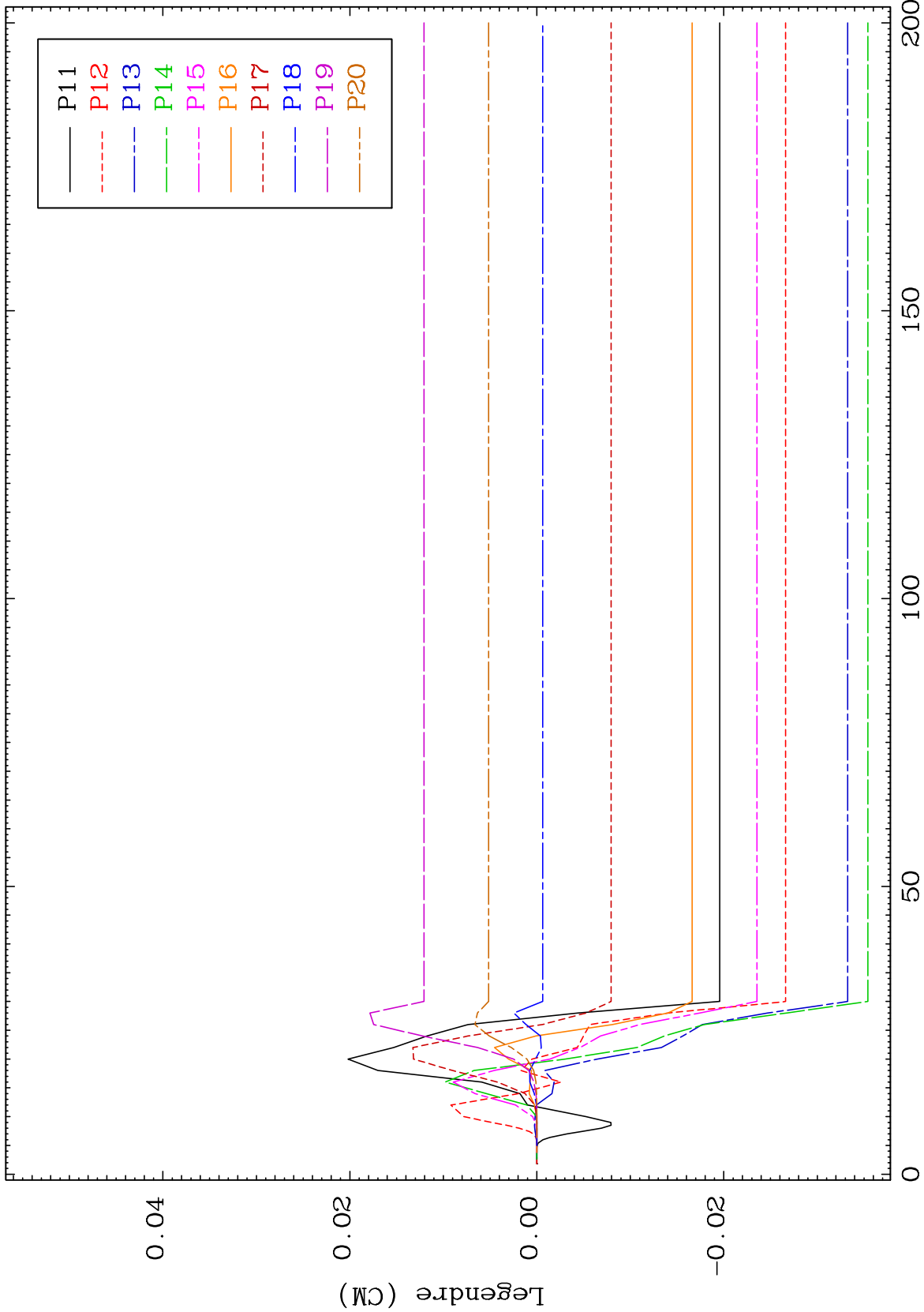


121

MAT 8028

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

80-Hg-197



122

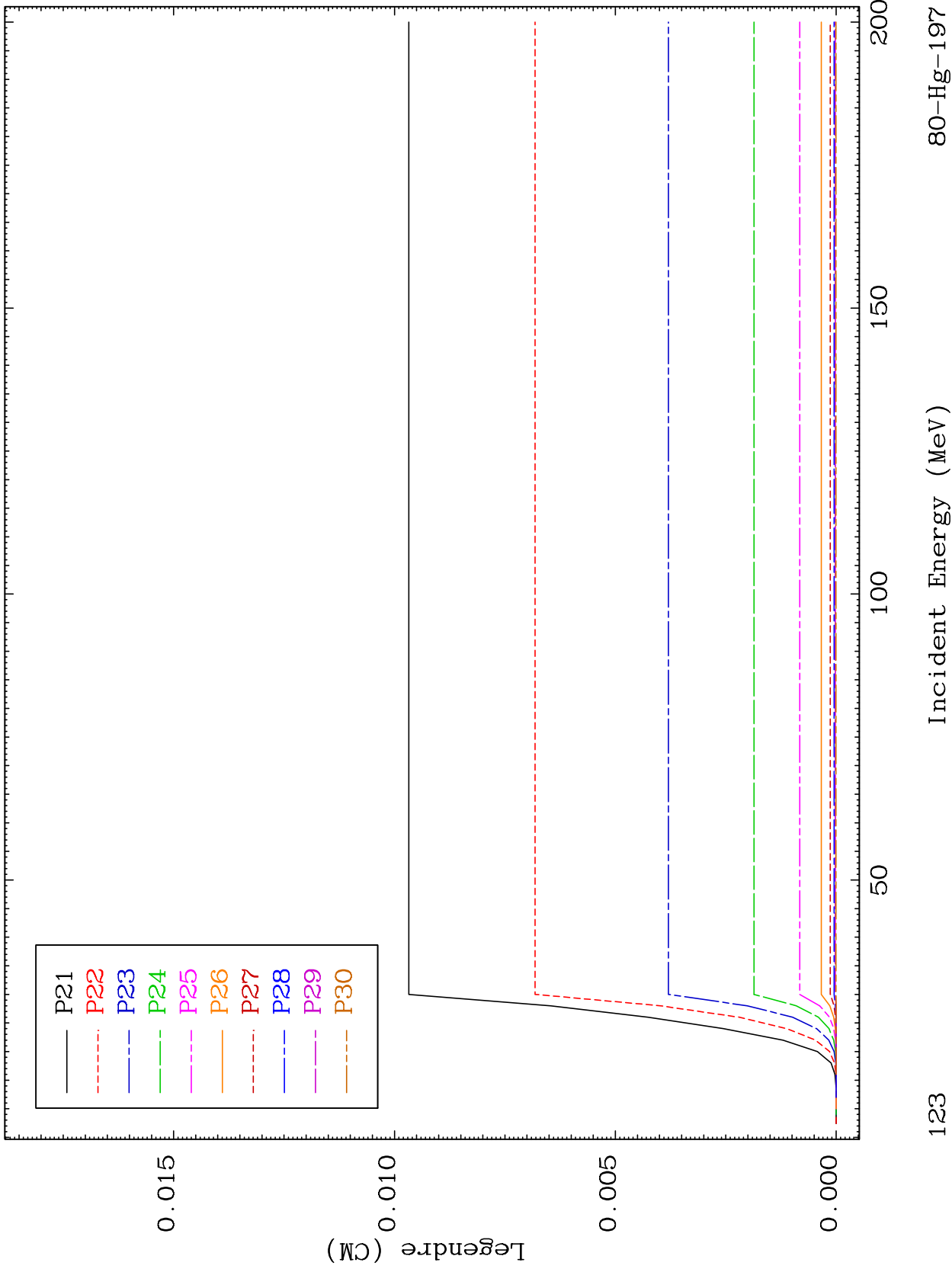
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



123

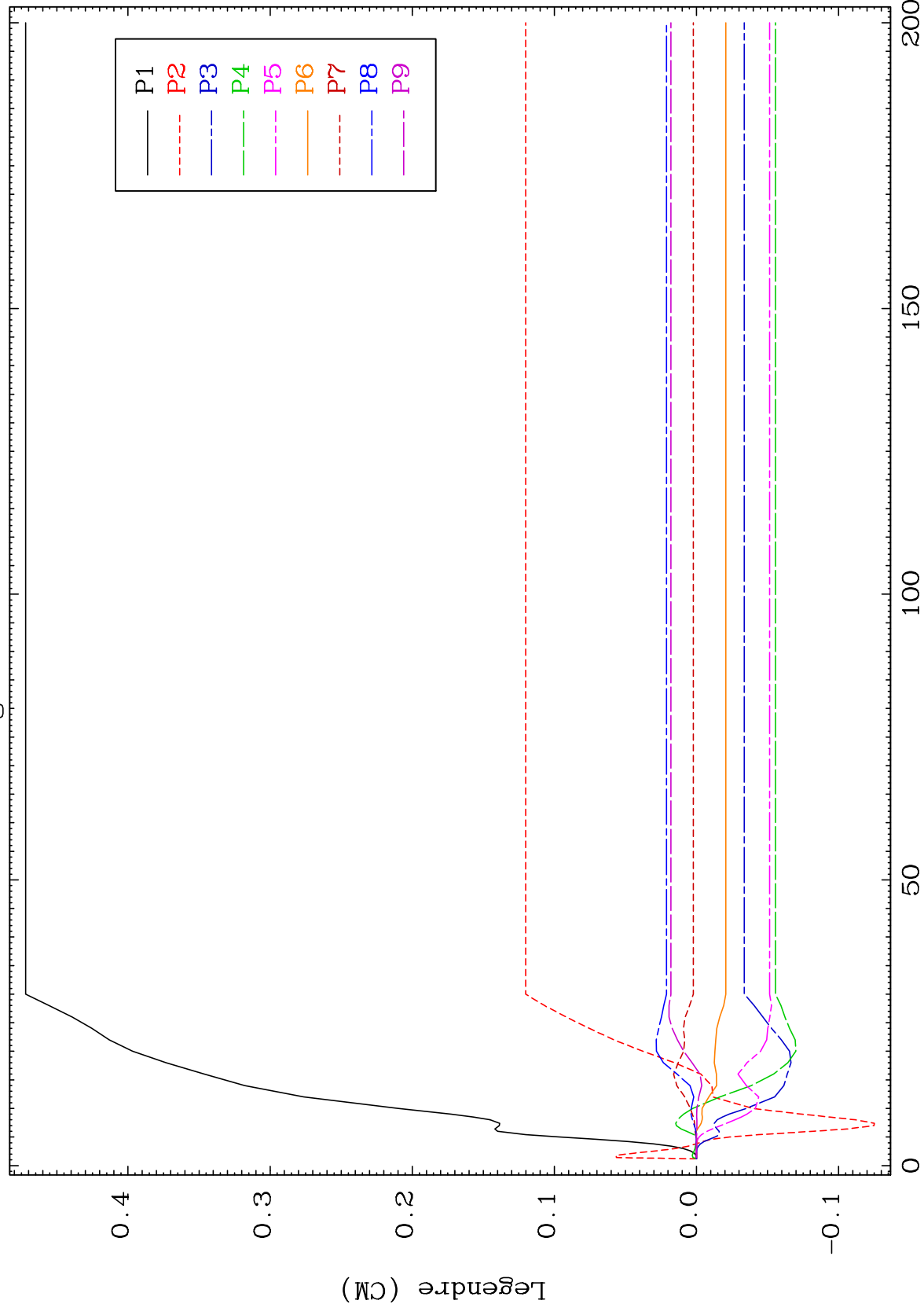
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

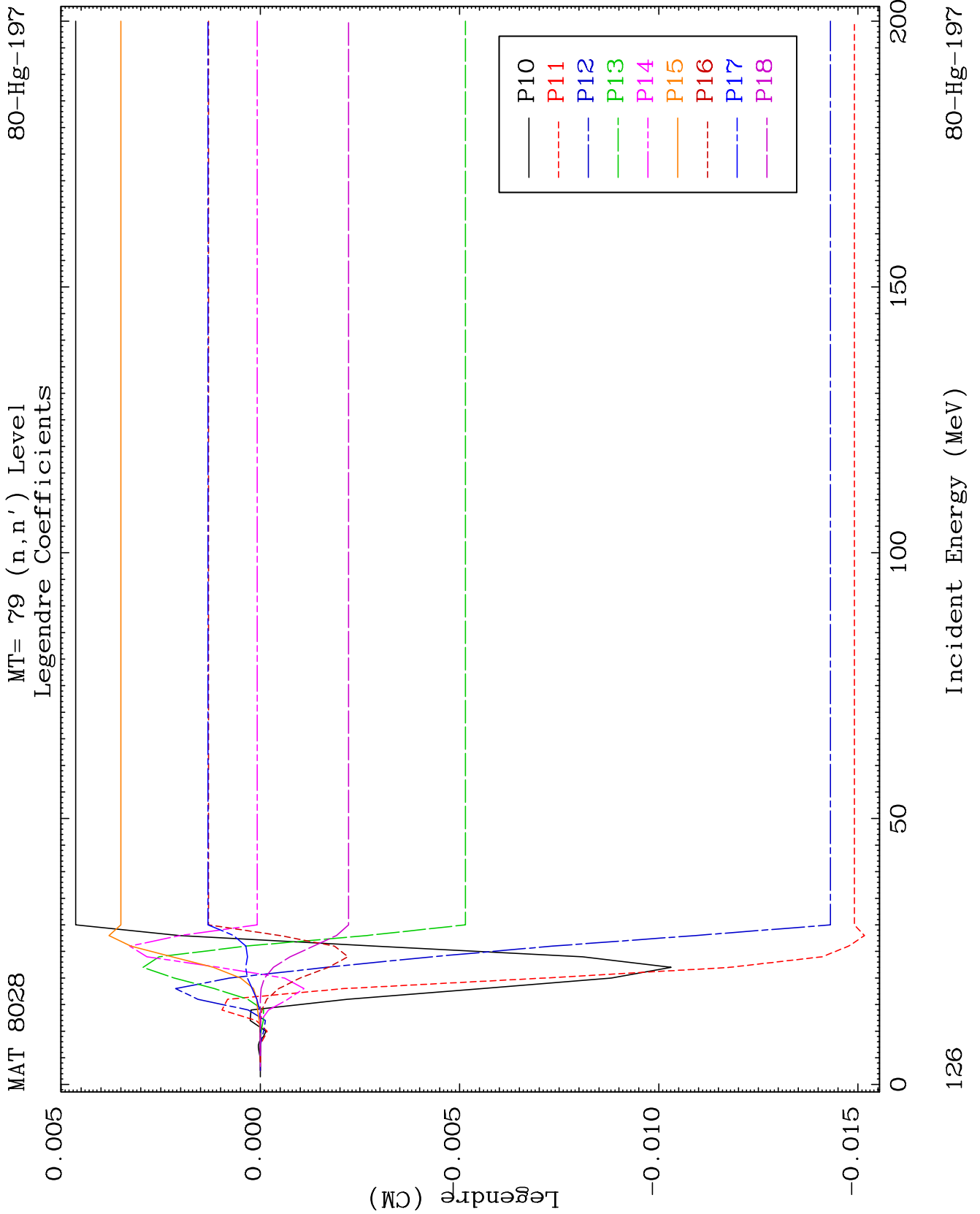
80-Hg-197



80-Hg-197

Incident Energy (MeV)

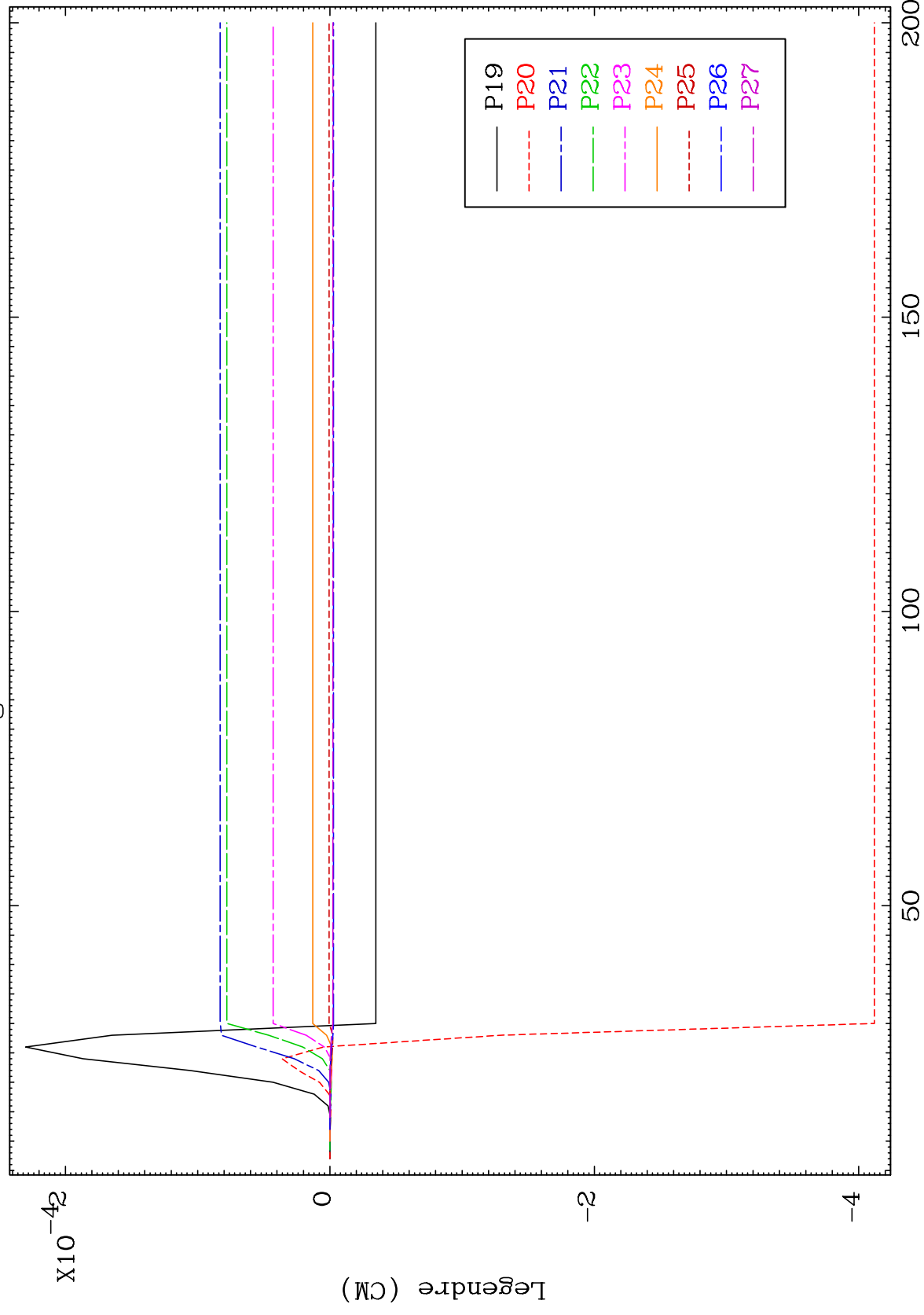
125



MAT 8028

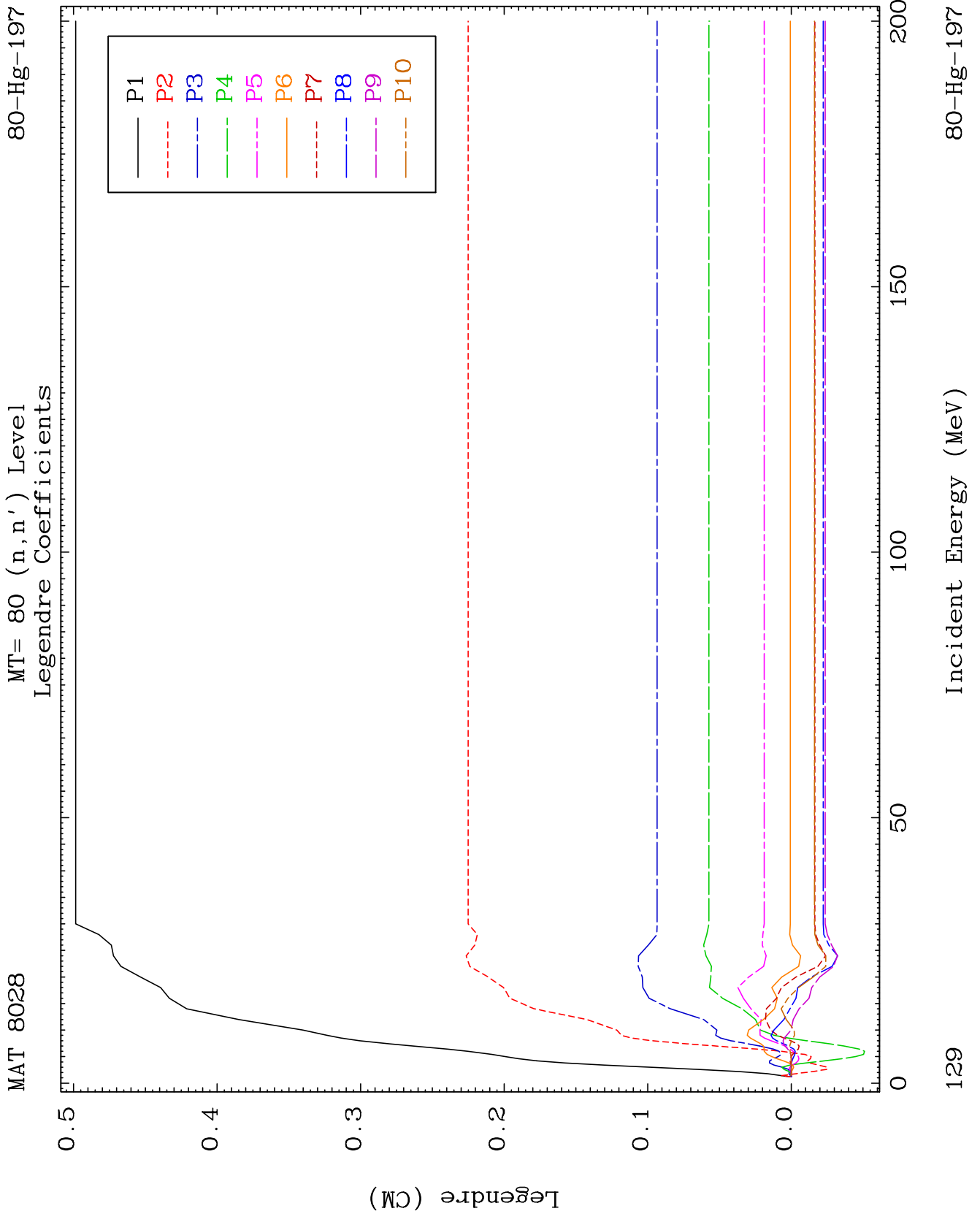
MT= 79 (n,n') Level
Legendre Coefficients

80-Hg-197



127

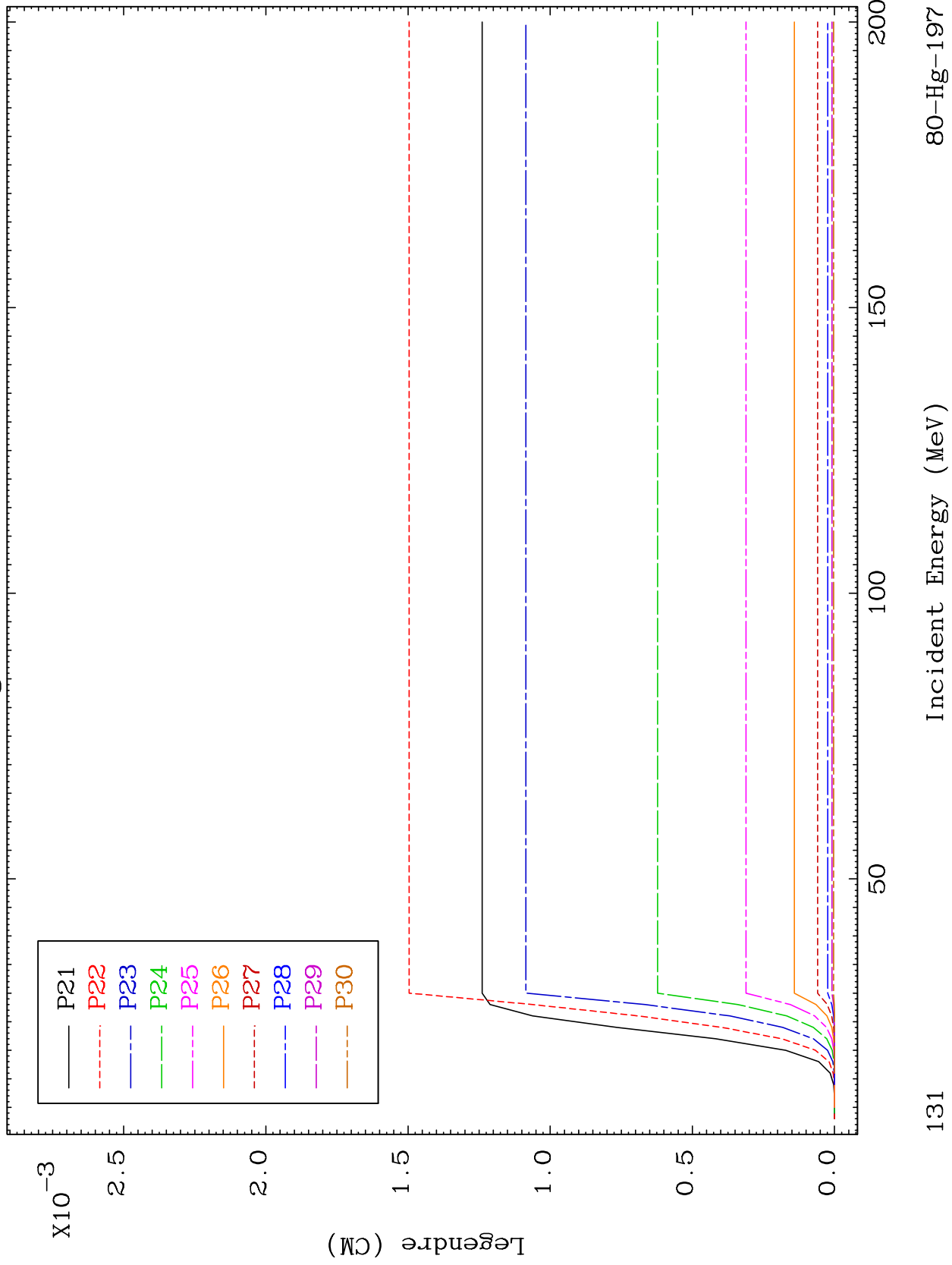
80-Hg-197

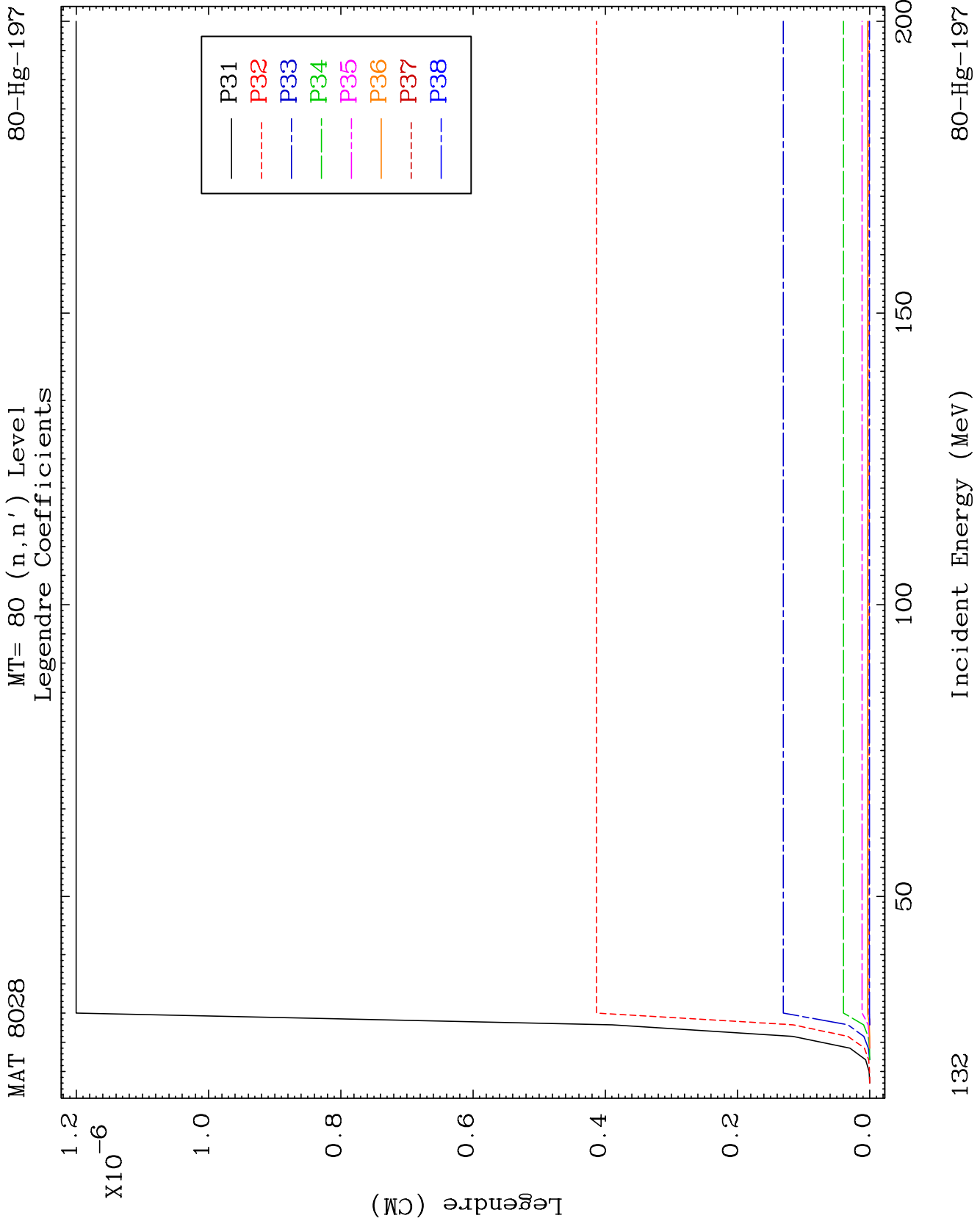


MAT 8028

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

80-Hg-197

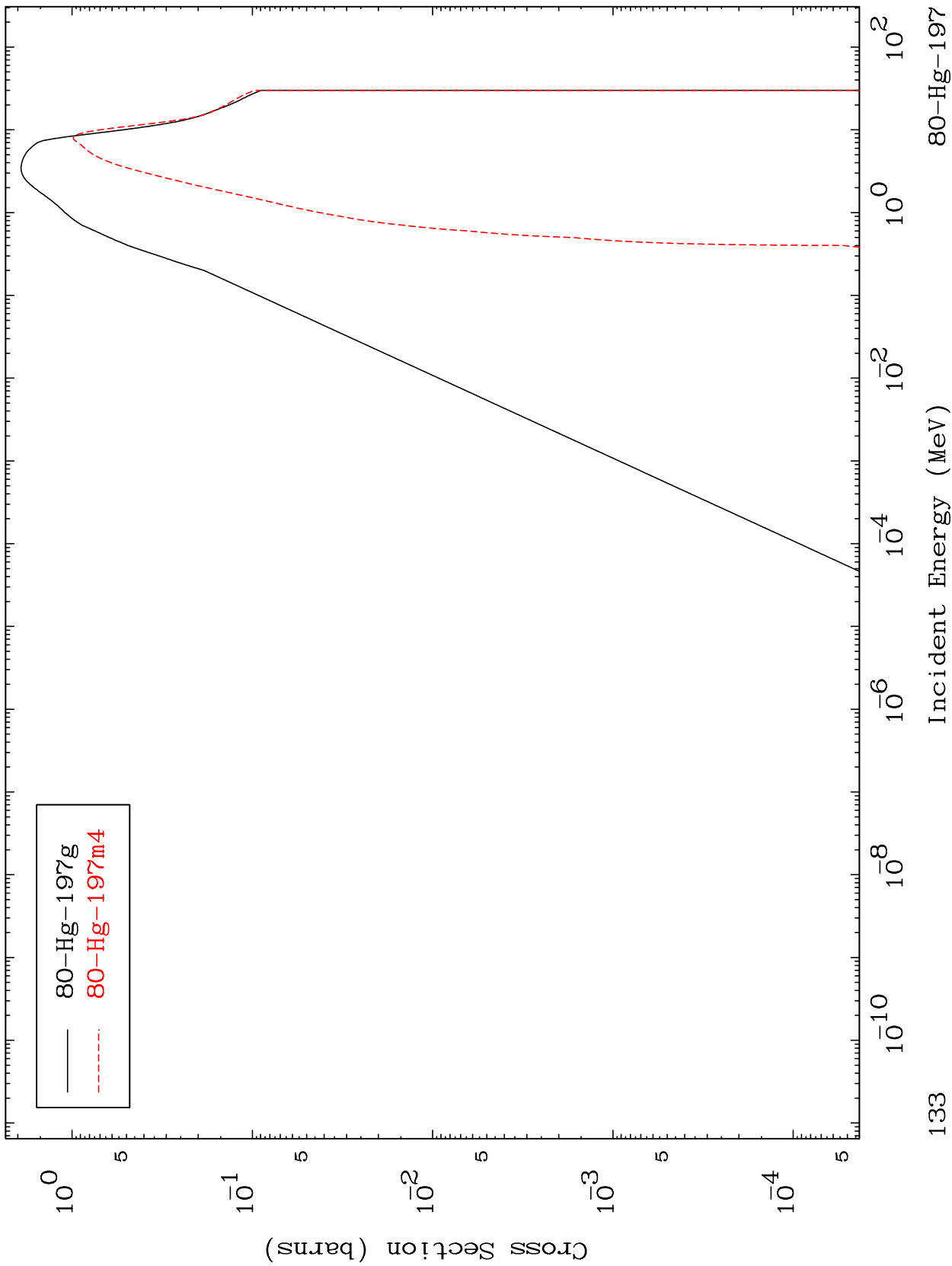




MAT 8028

Inelastic
Radionuclide Production Cross Section

80-Hg-197



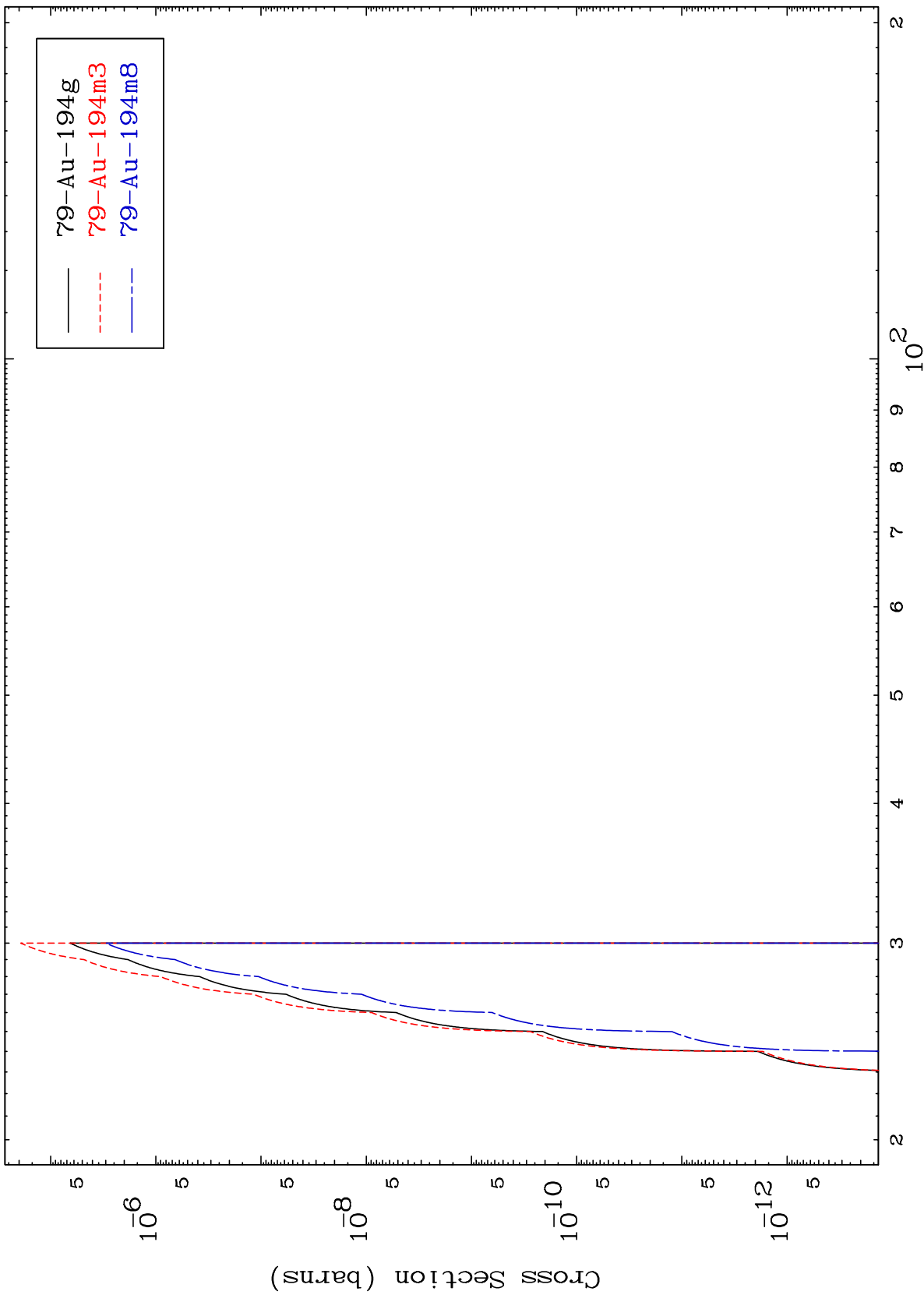
80-Hg-197g
80-Hg-197m4

MAT 8028

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



134

Incident Energy (MeV)

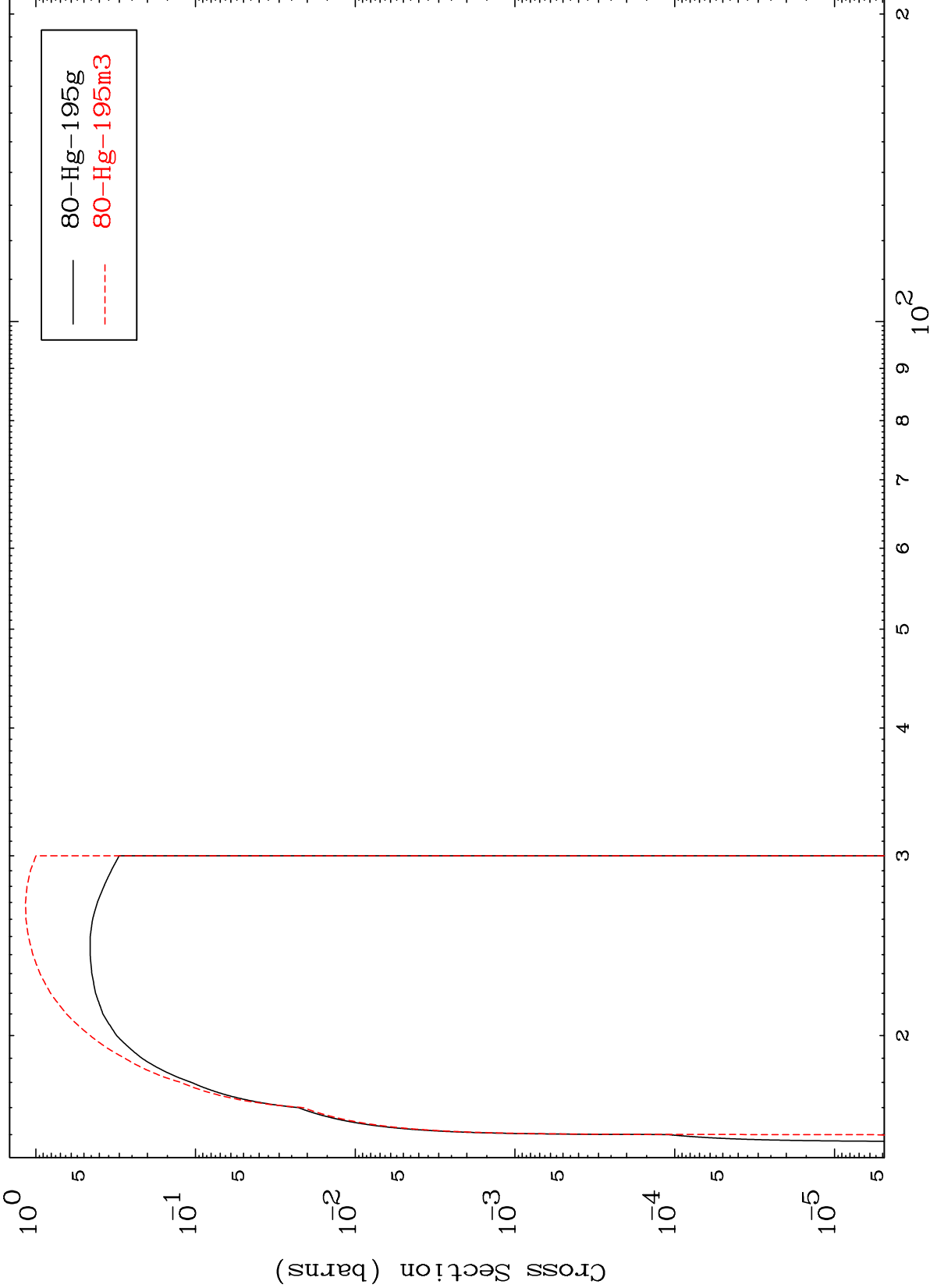
80-Hg-197

MAT 8028

(n,3n)

80-Hg-197

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

135

Incident Energy (MeV)

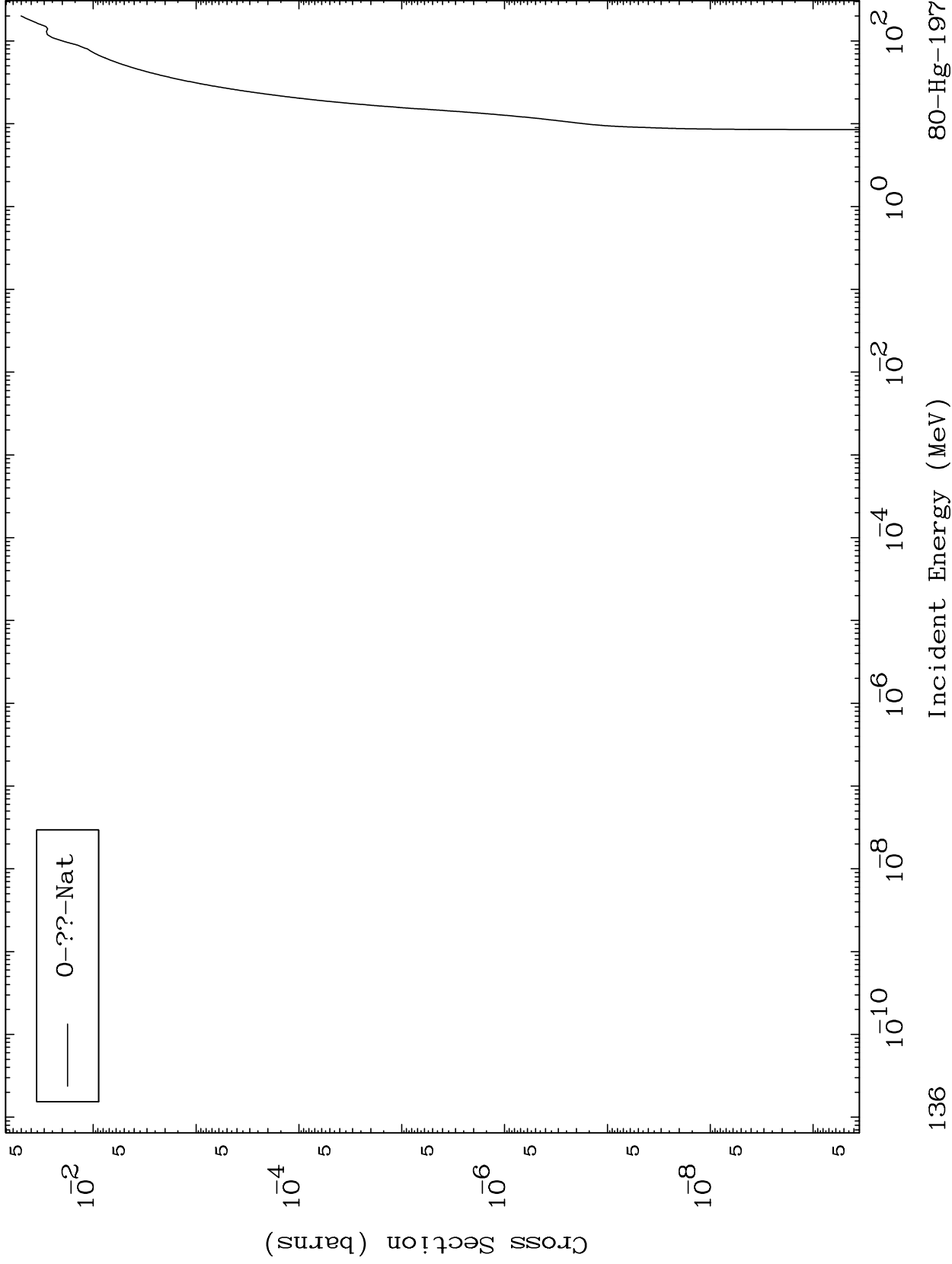
80-Hg-197

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section

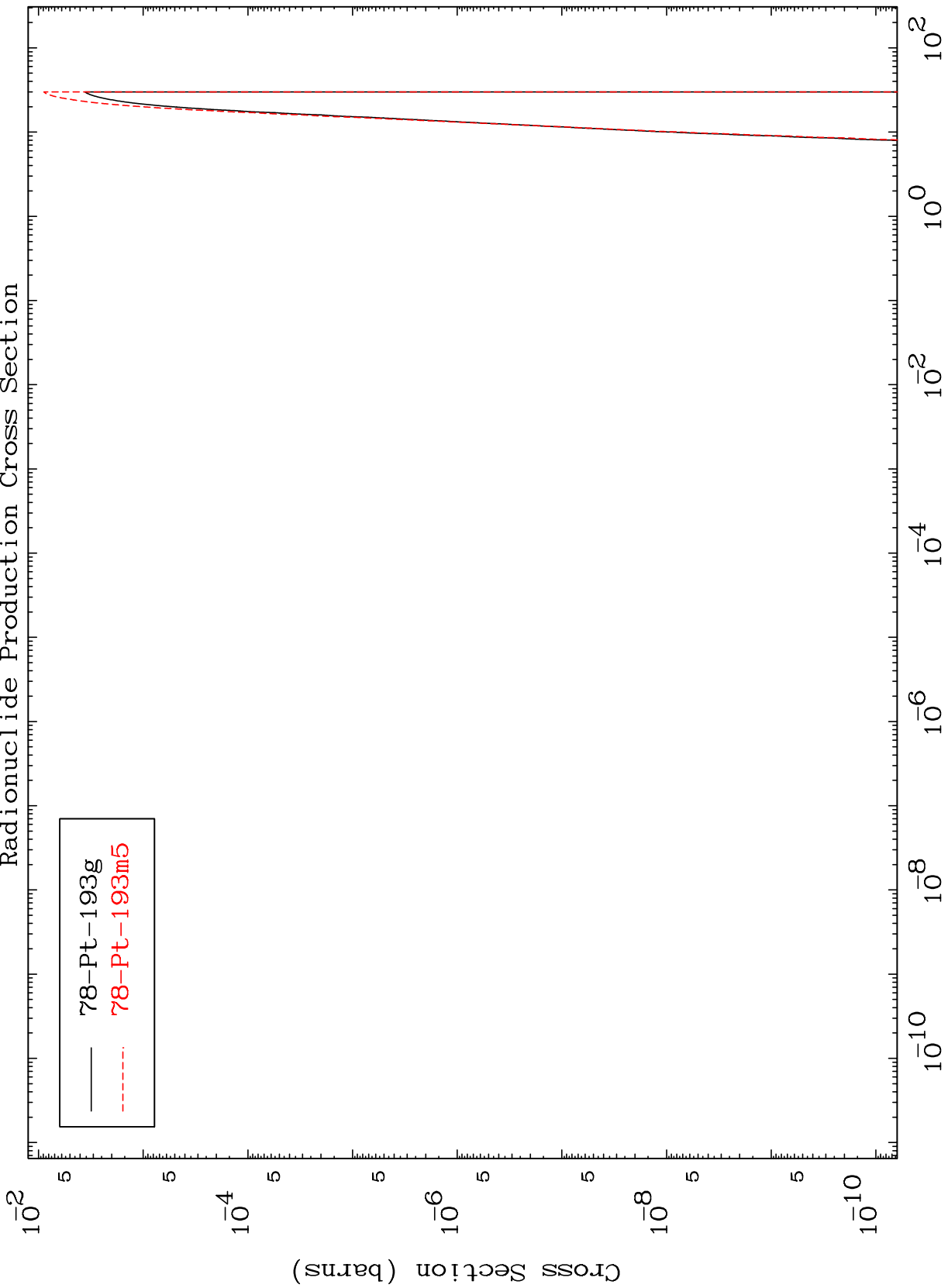


MAT 8028

$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section

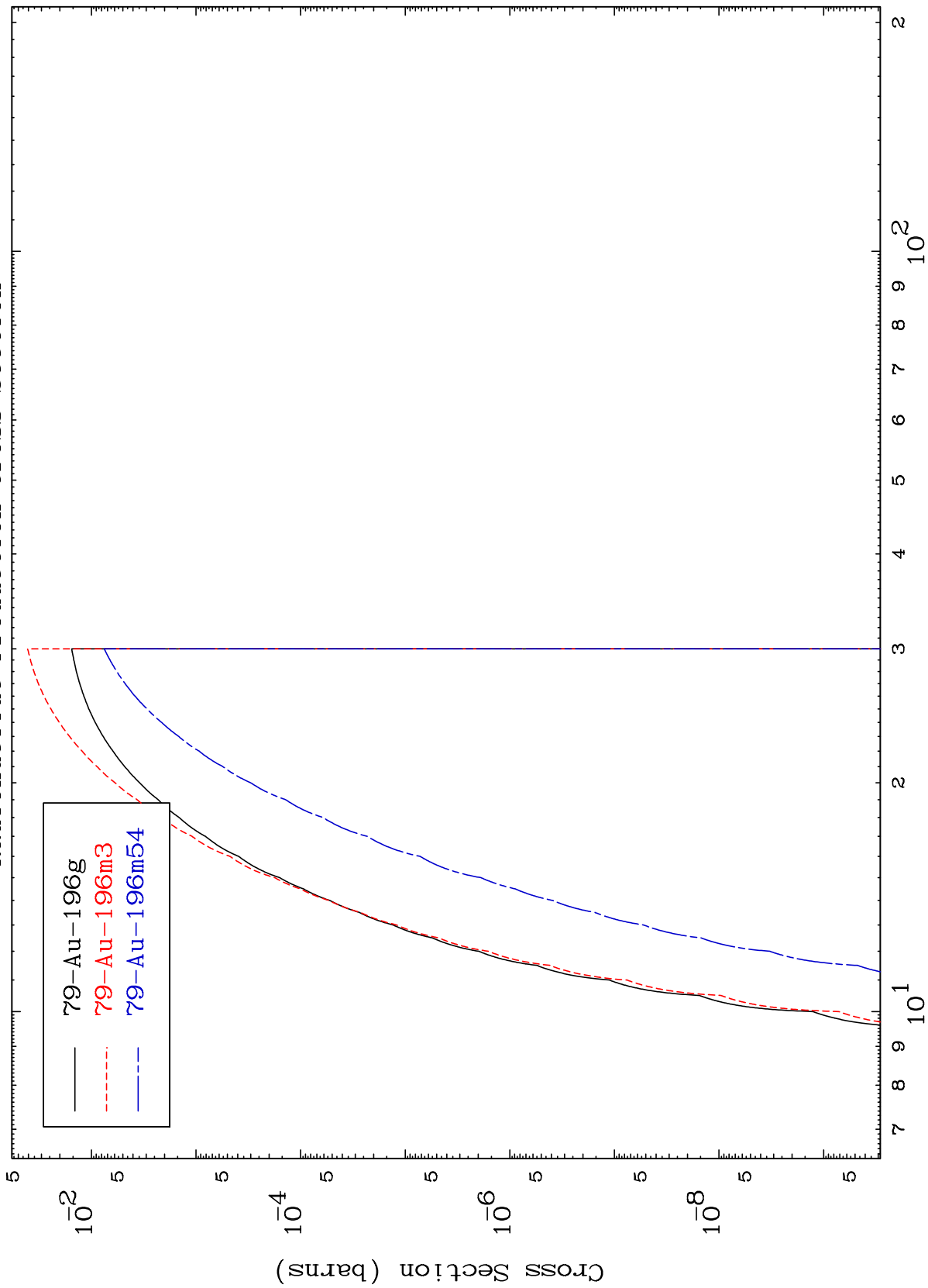


78-Pt-193g
78-Pt-193m5

MAT 8028

80-Hg-197

(n,n') p
Radionuclide Production Cross Section

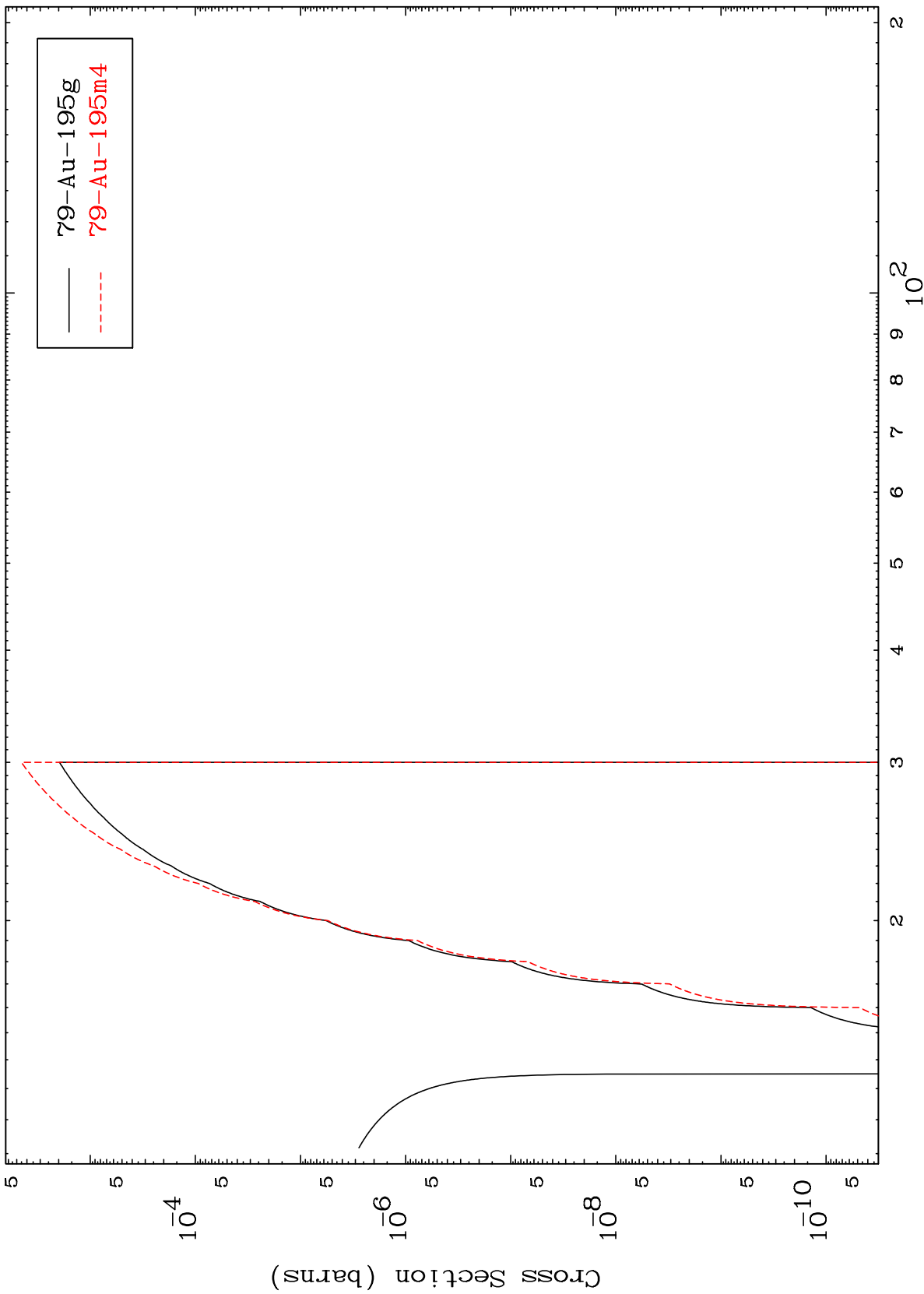


138

Incident Energy (MeV)

80-Hg-197

Radionuclide Production Cross Section

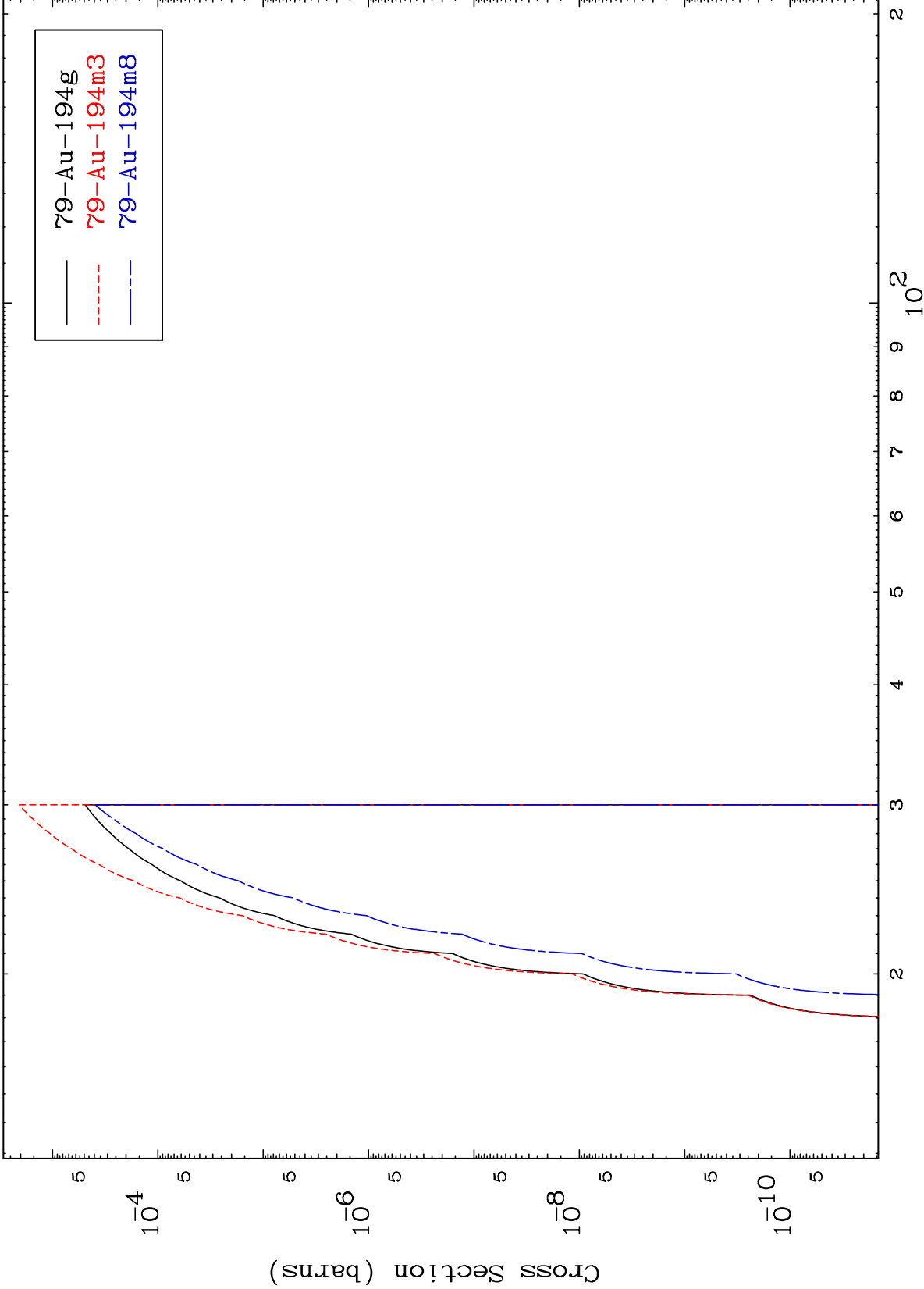


MAT 8028

(n,n') t

80-Hg-197

Radionuclide Production Cross Section



140

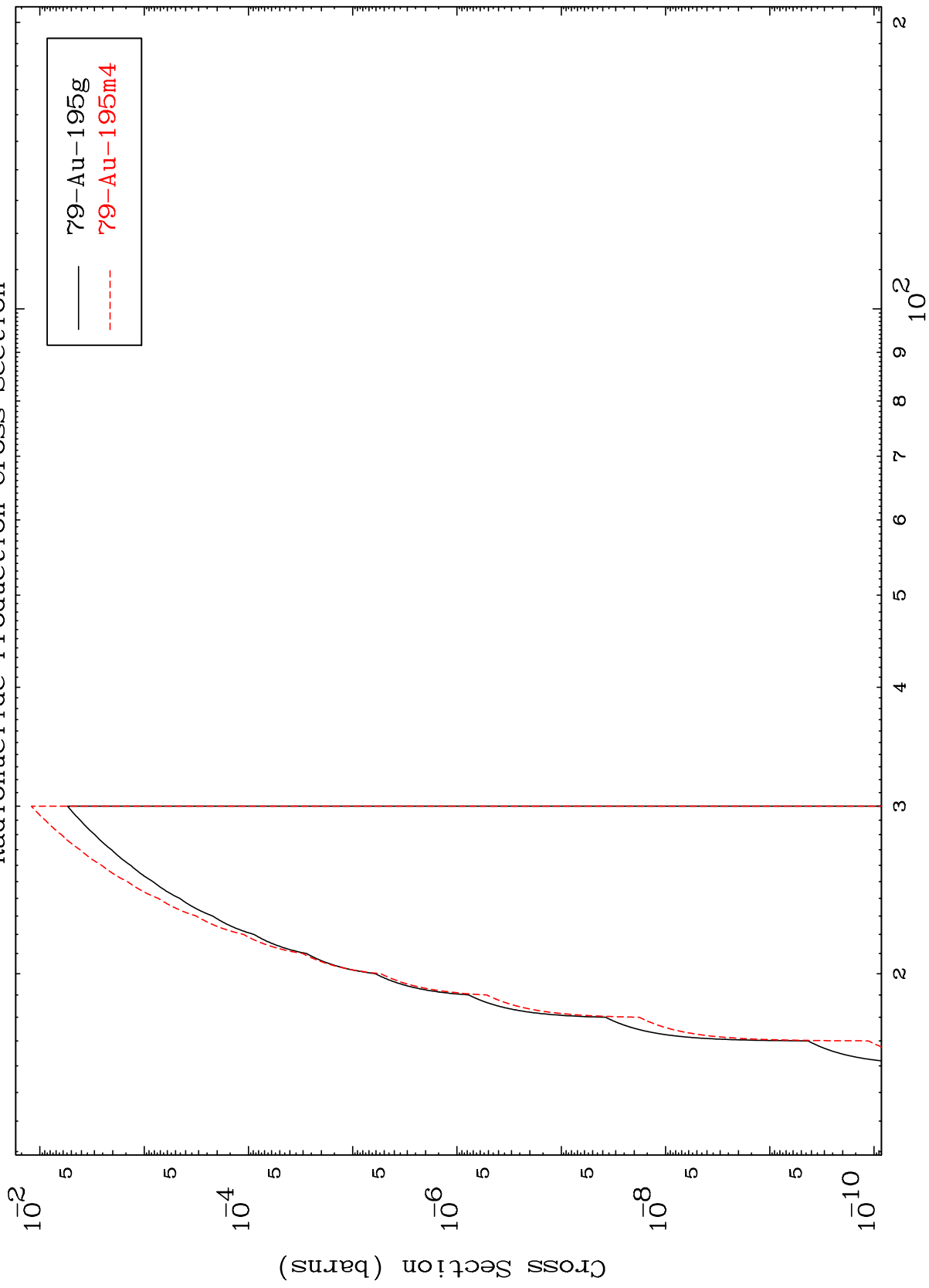
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section



141

Incident Energy (MeV)

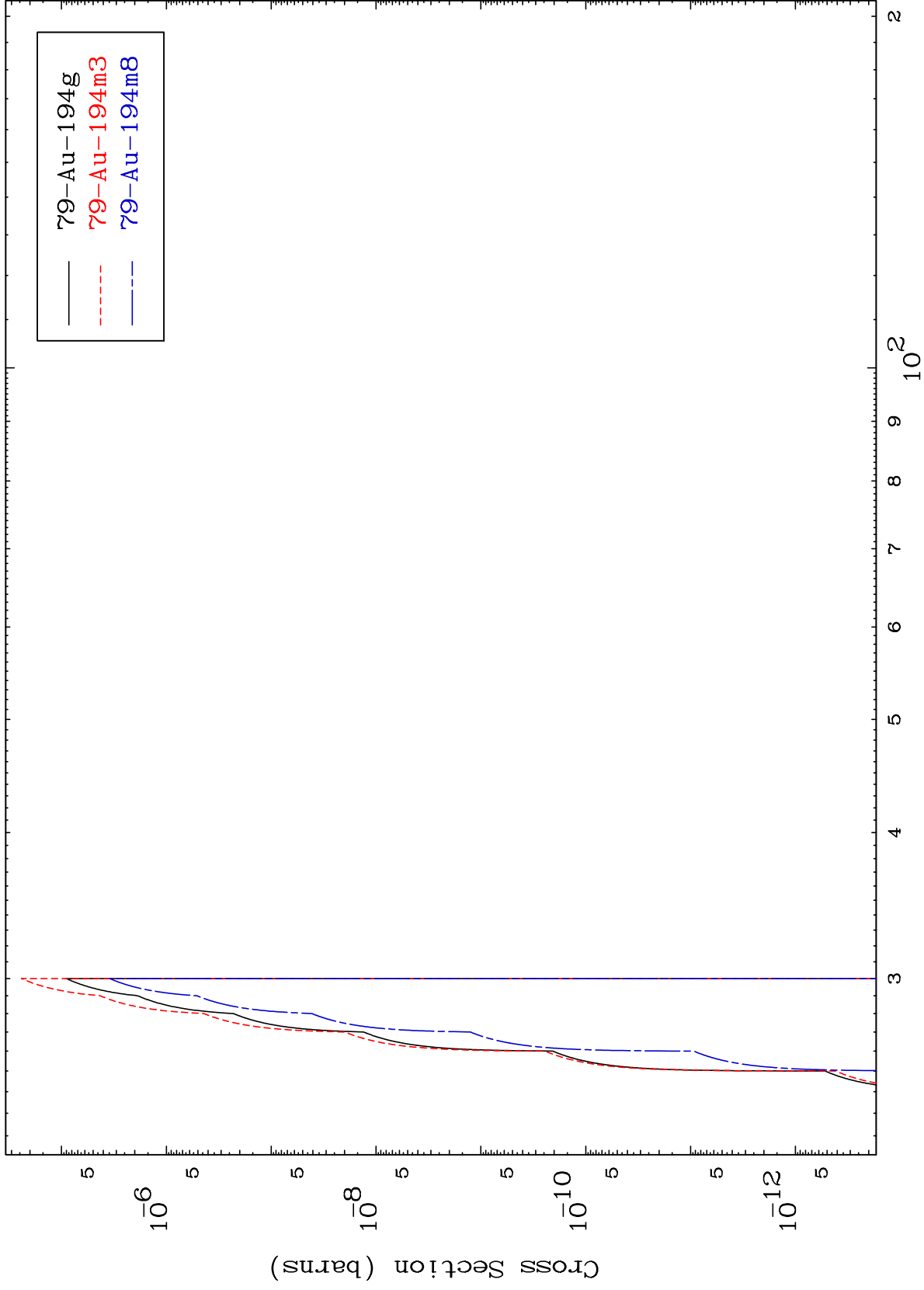
80-Hg-197

MAT 8028

(n,3n) p

80-Hg-197

Radionuclide Production Cross Section



142

Incident Energy (MeV)

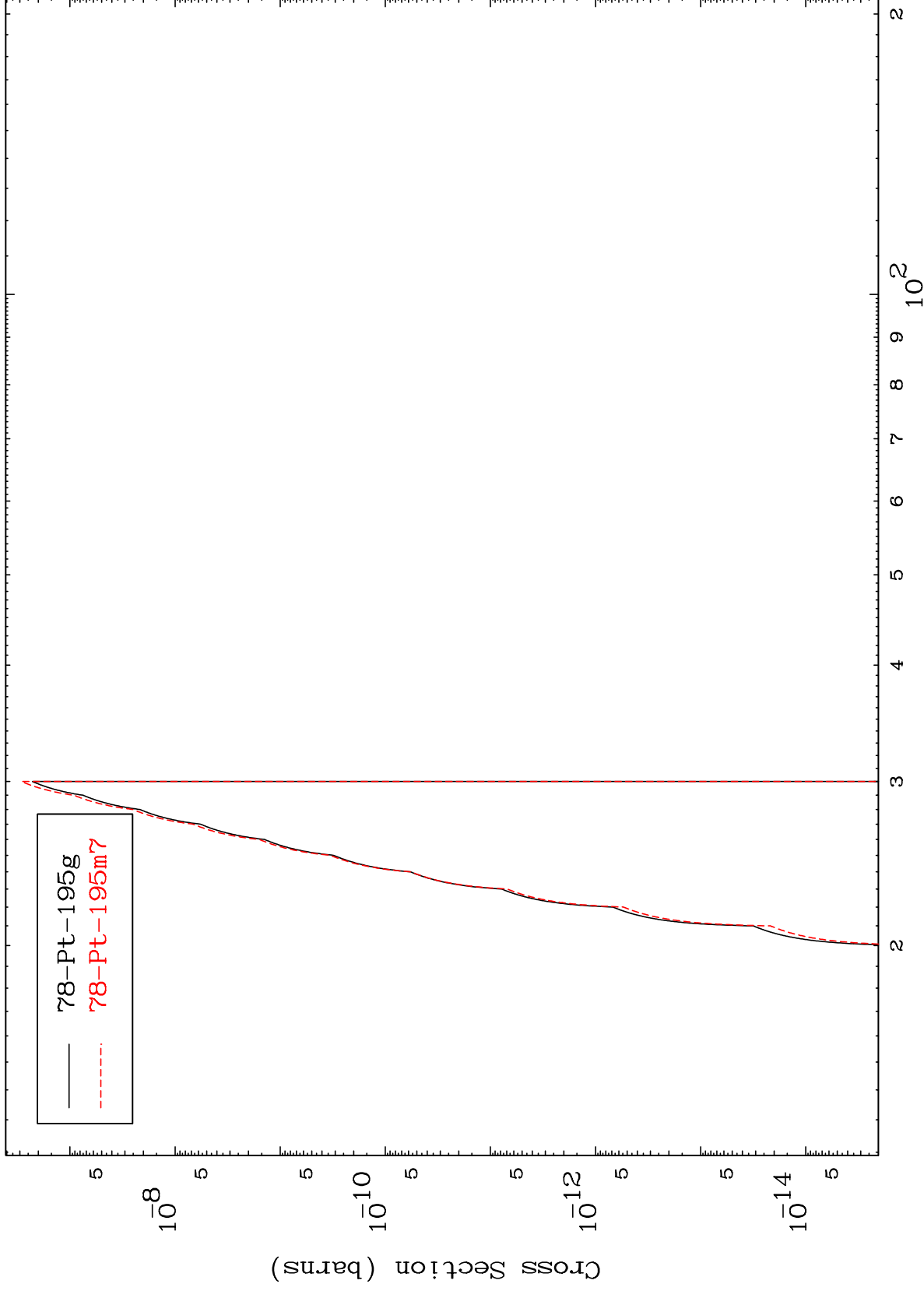
80-Hg-197

MAT 8028

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section



143

Incident Energy (MeV)

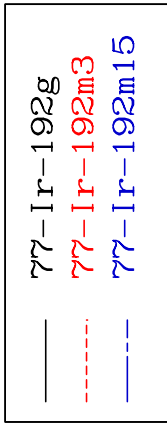
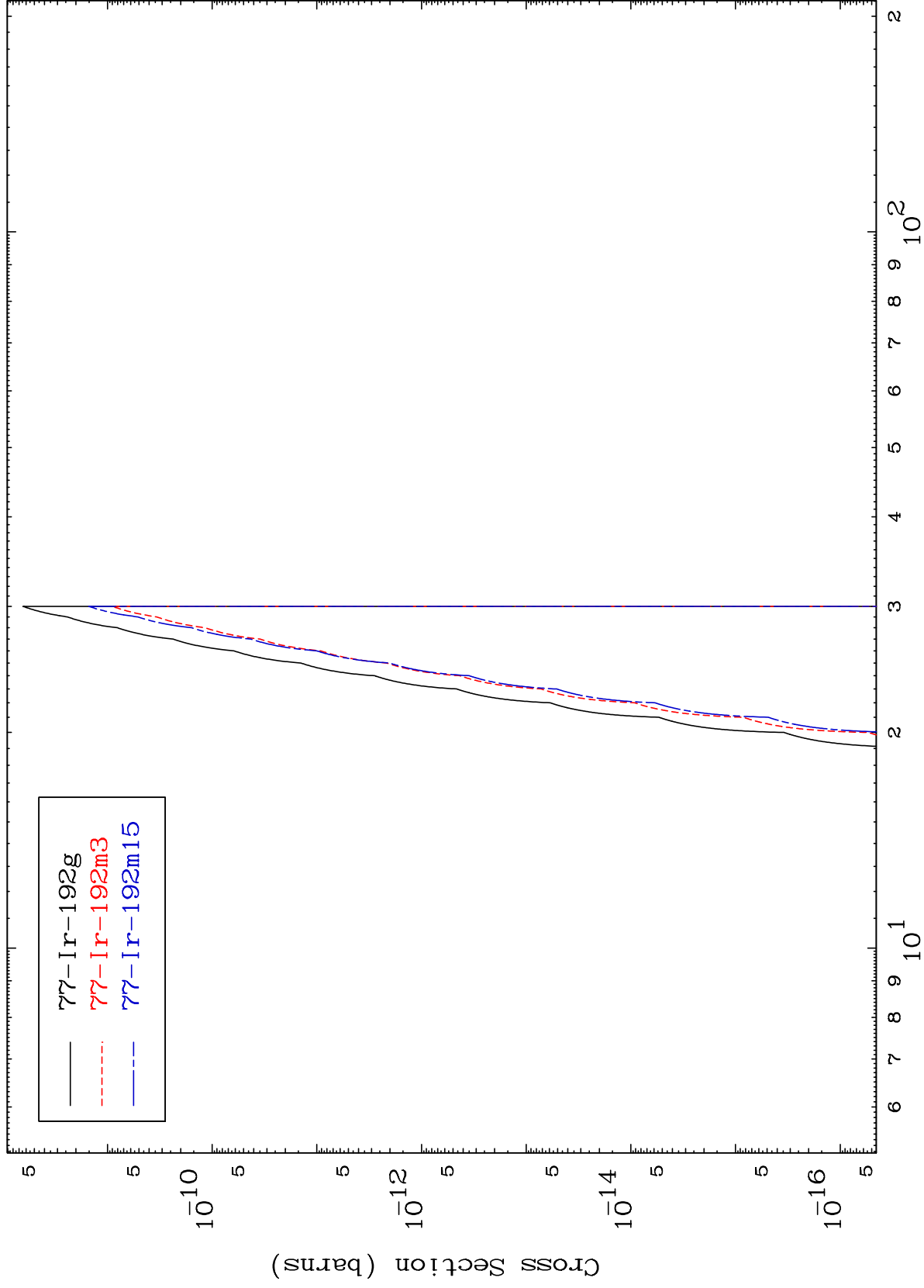
80-Hg-197

MAT 8028

(n,n') p α

80-Hg-197

Radionuclide Production Cross Section



144

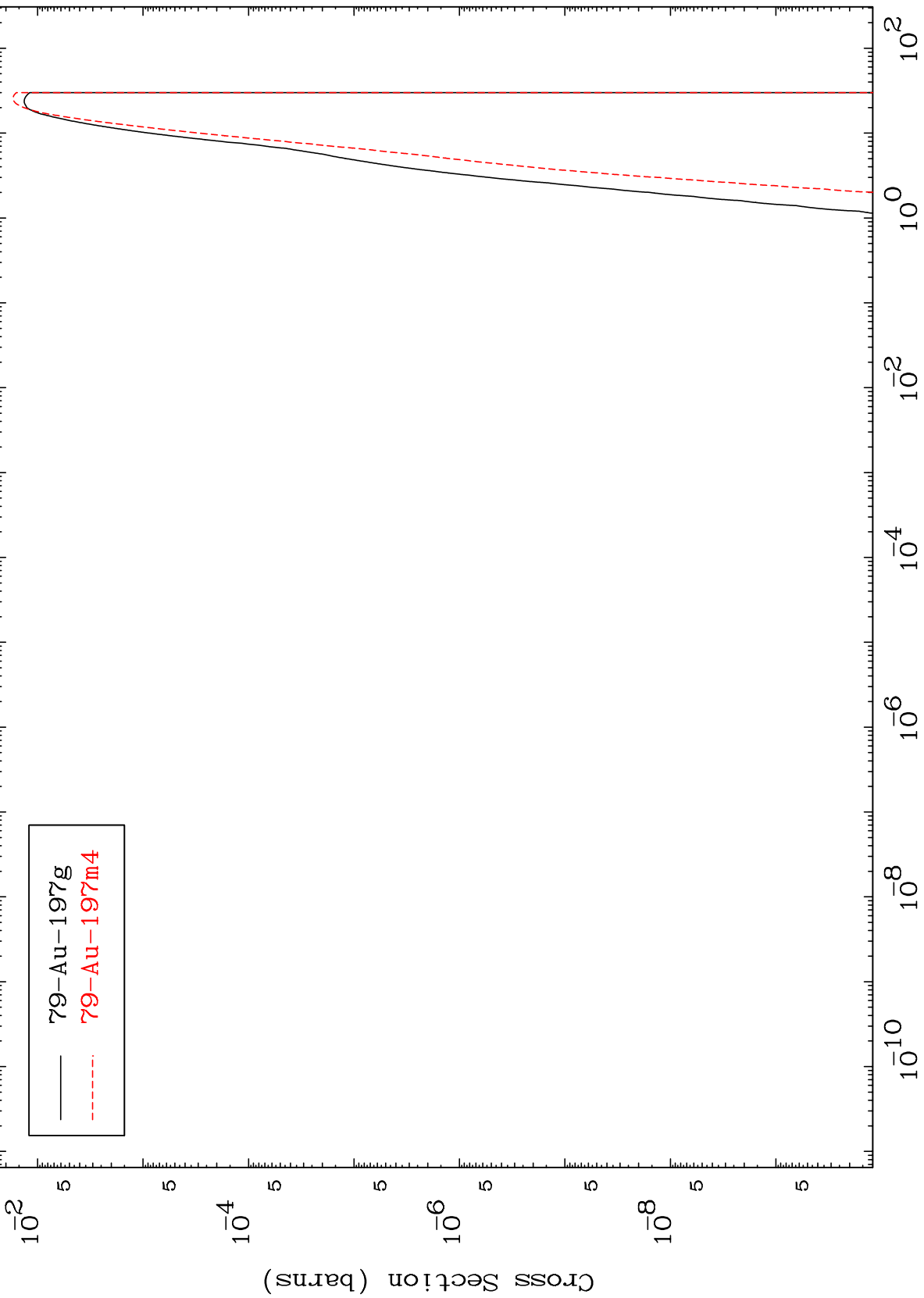
Incident Energy (MeV)

80-Hg-197

MAT 8028

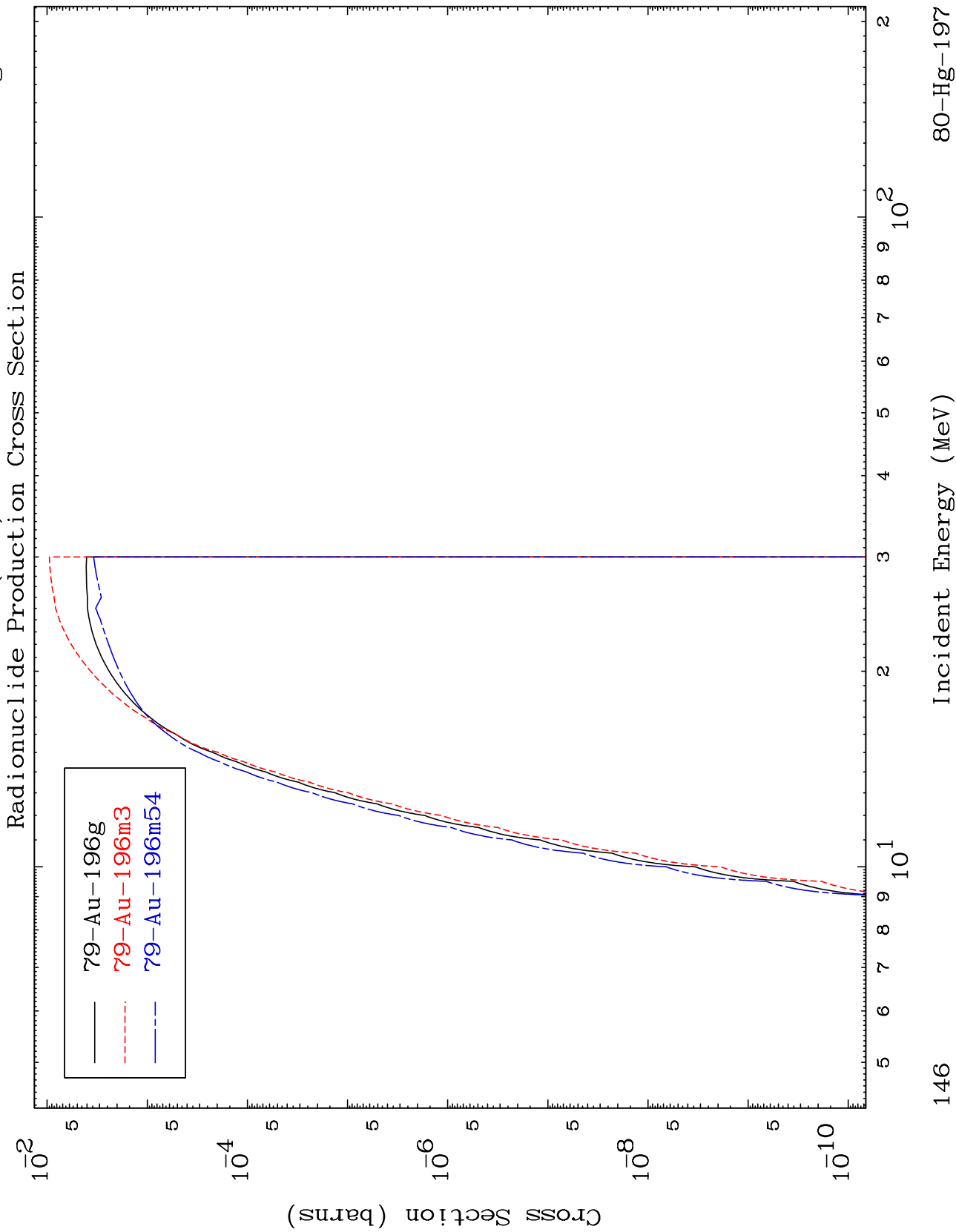
(n,p)
Radionuclide Production Cross Section

80-Hg-197



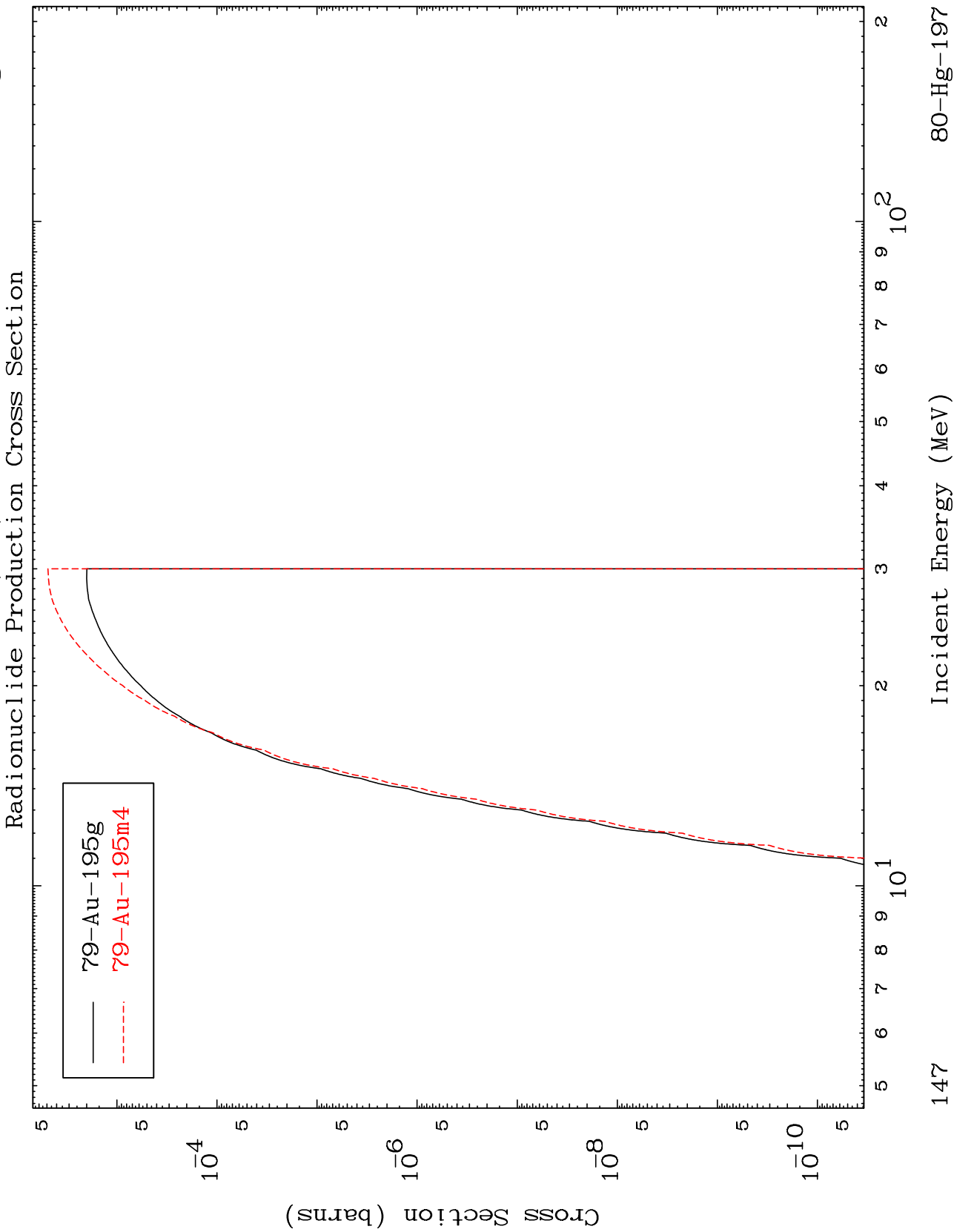
MAT 8028

80-Hg-197



MAT 8028

80-Hg-197



147

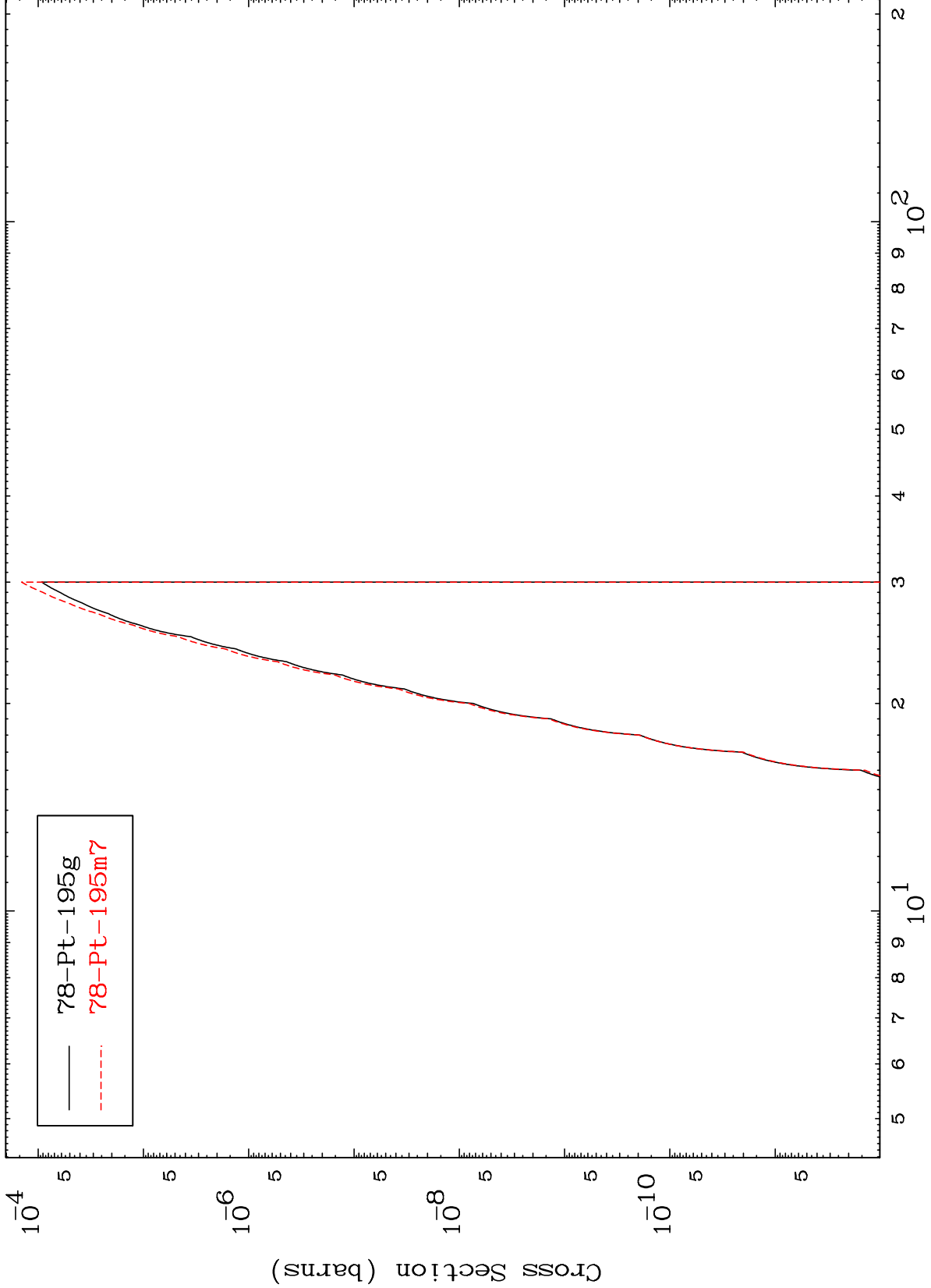
80-Hg-197

MAT 8028

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

148

Incident Energy (MeV)

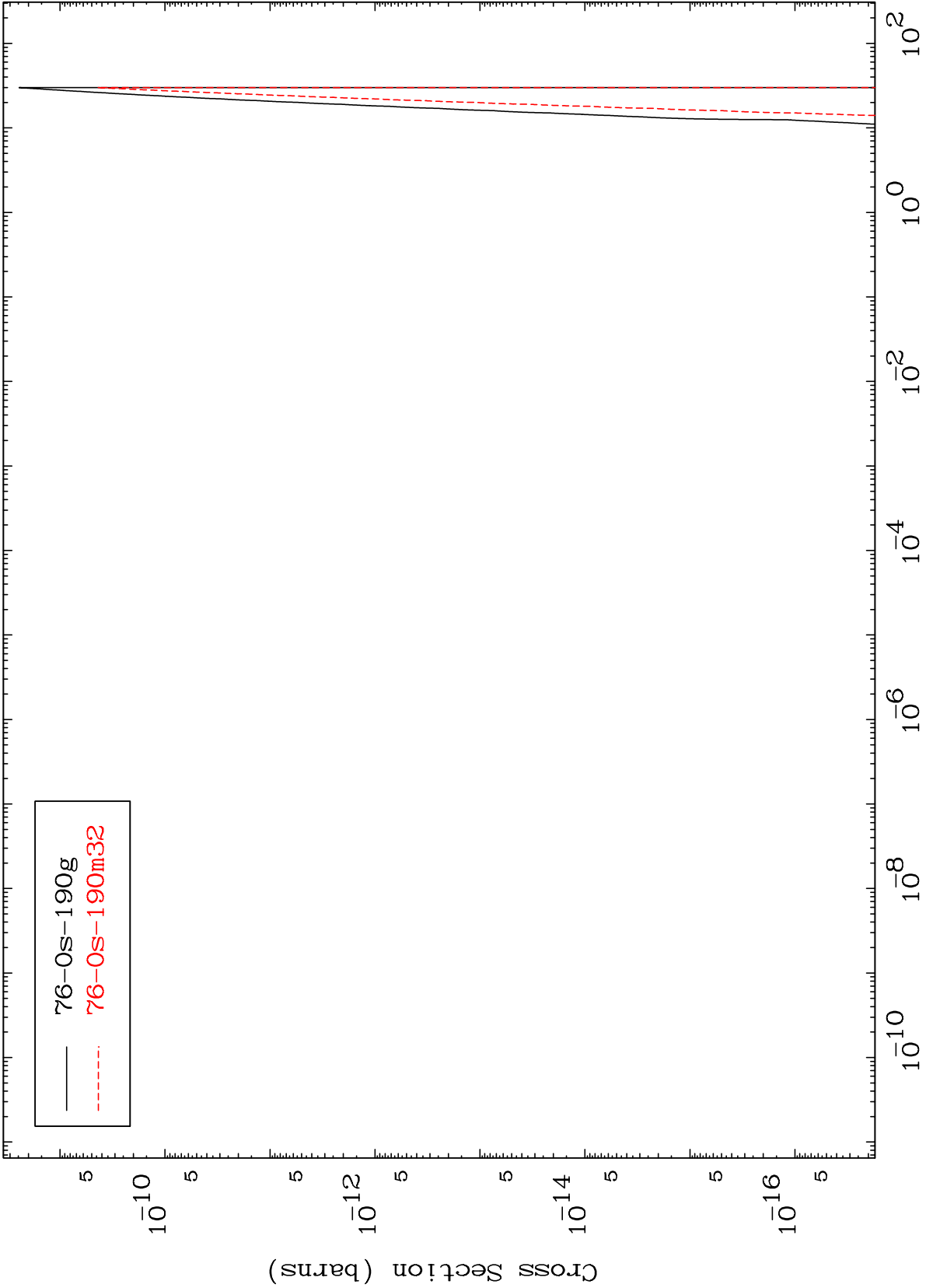
80-Hg-197

MAT 8028

(n,2α)

80-Hg-197

Radionuclide Production Cross Section



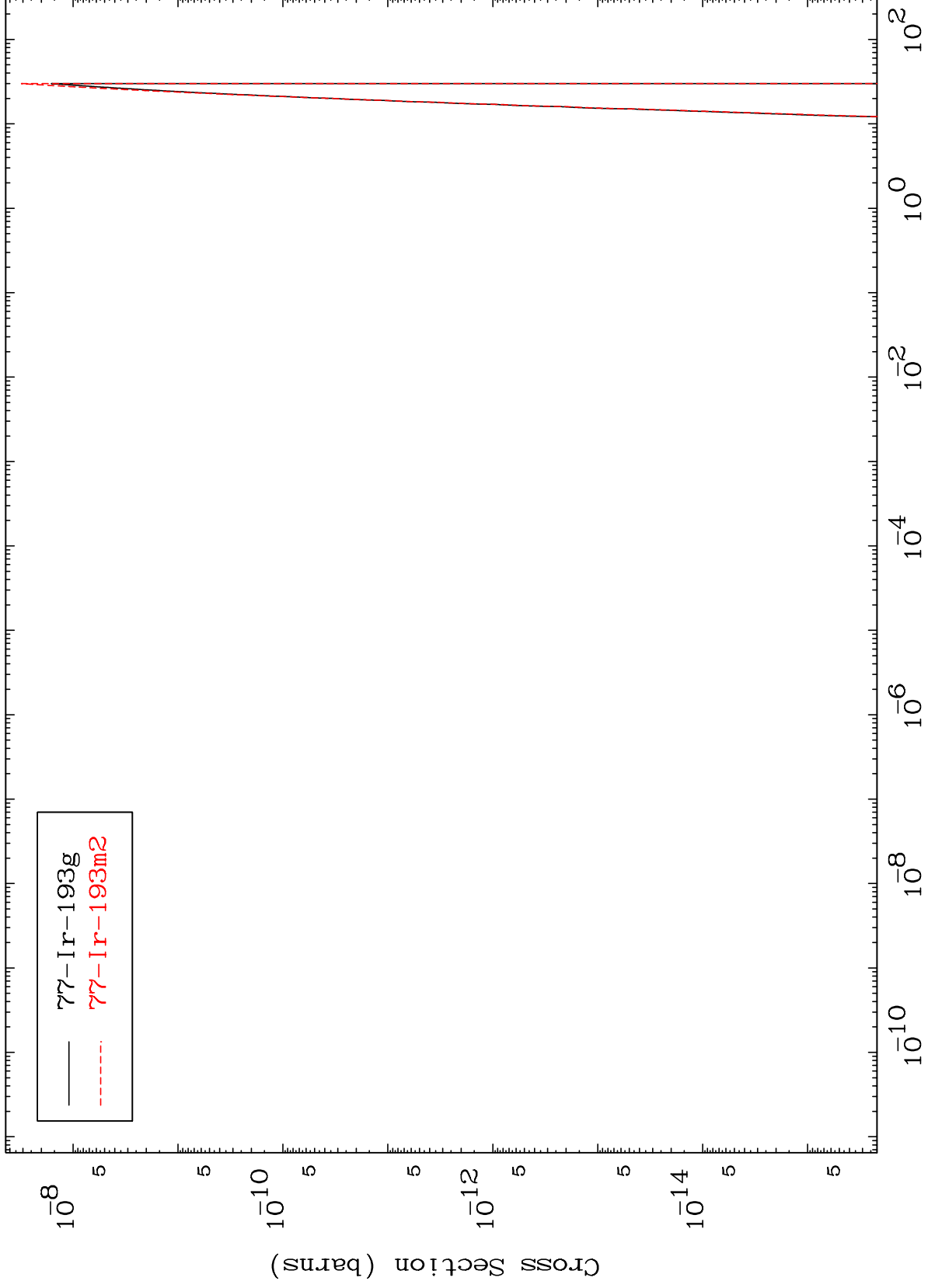
76-0s-190g
76-0s-190m32

MAT 8028

(n,p) α

80-Hg-197

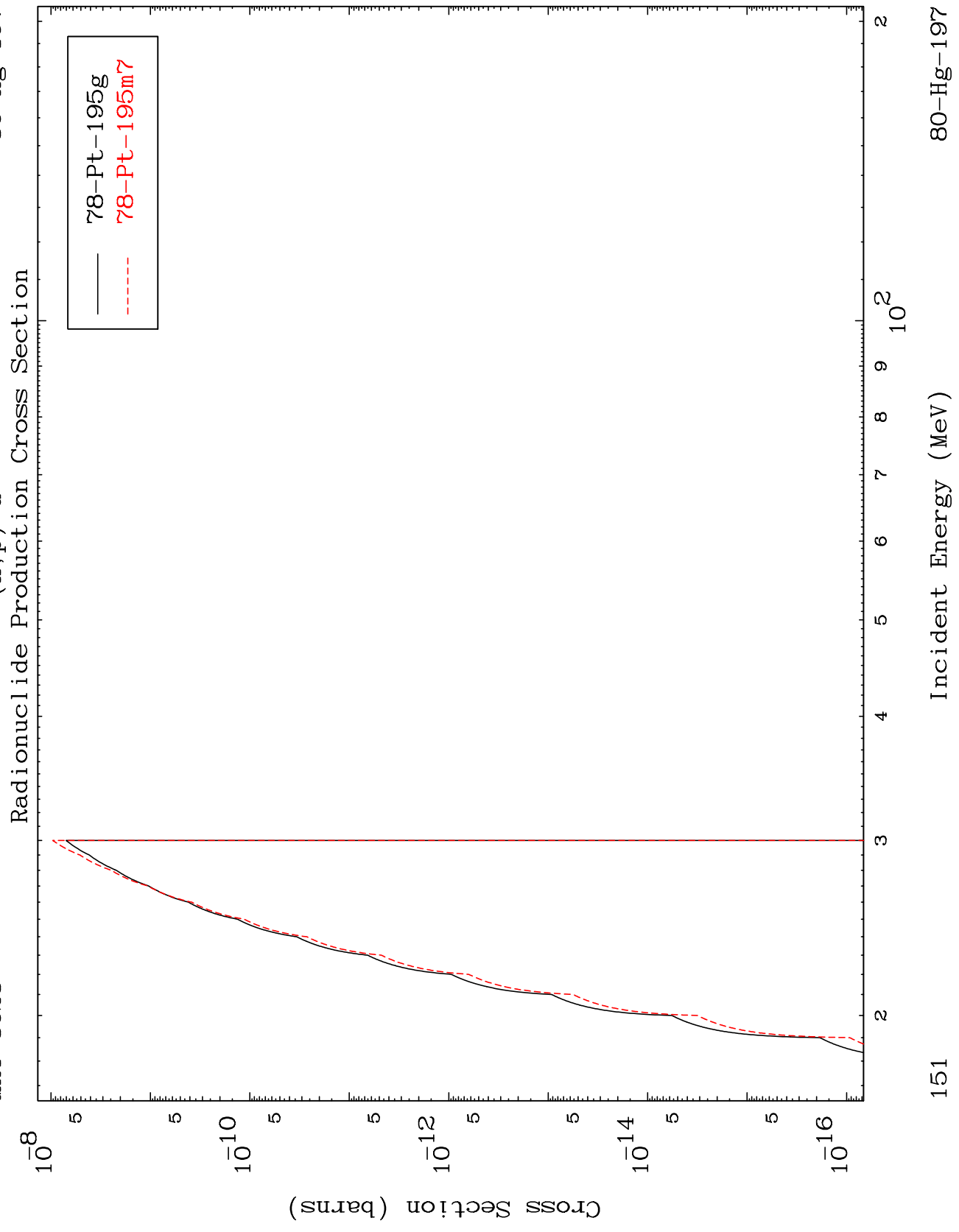
Radionuclide Production Cross Section



MAT 8028

(n,p) d

80-Hg-197



151

Incident Energy (MeV)

80-Hg-197