

Program EVALPLOT
(Version 2018-1)

by

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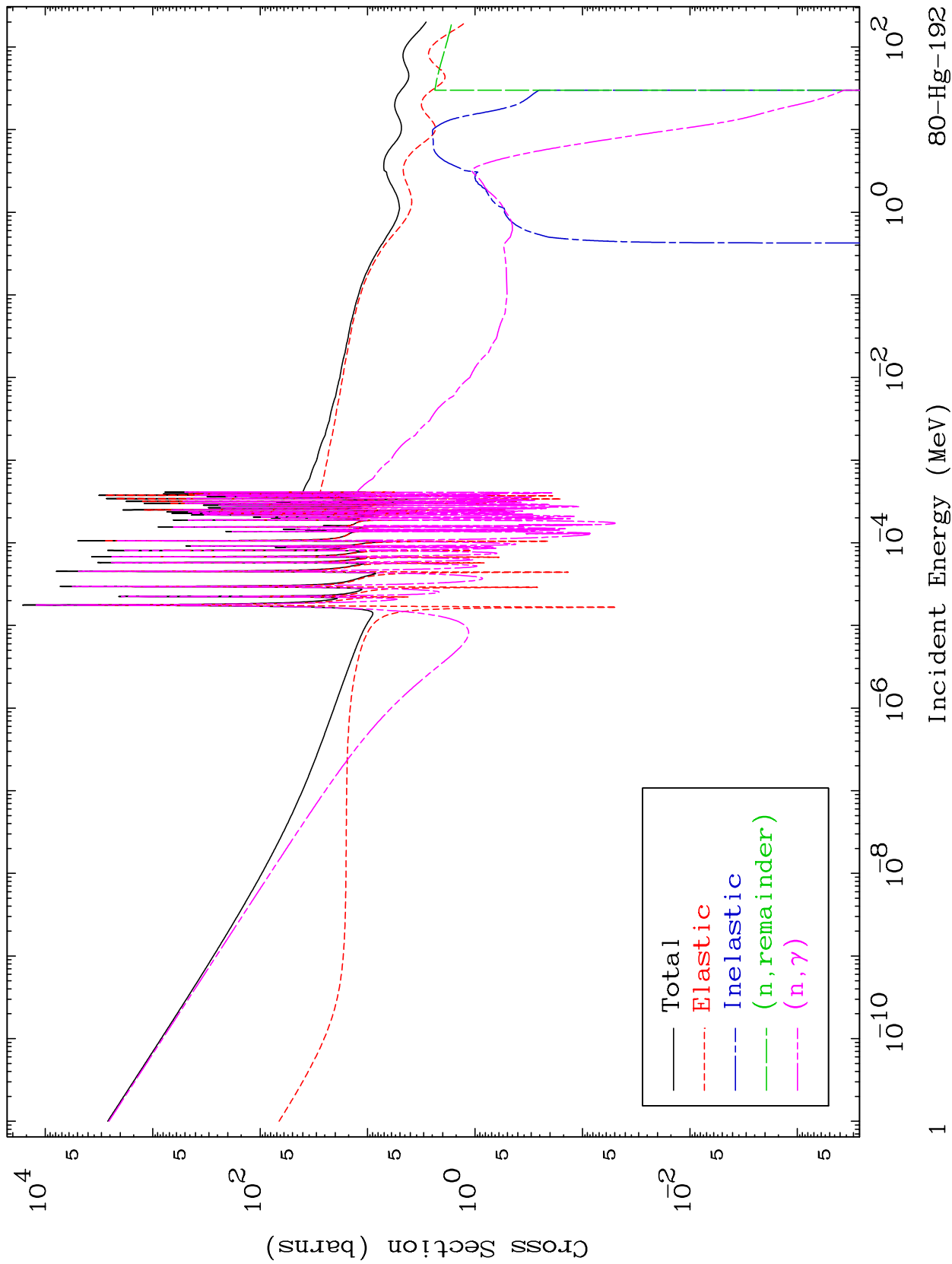
Press Mouse Button to Start

MAT 8013

Major

293 Kelvin Cross Sections

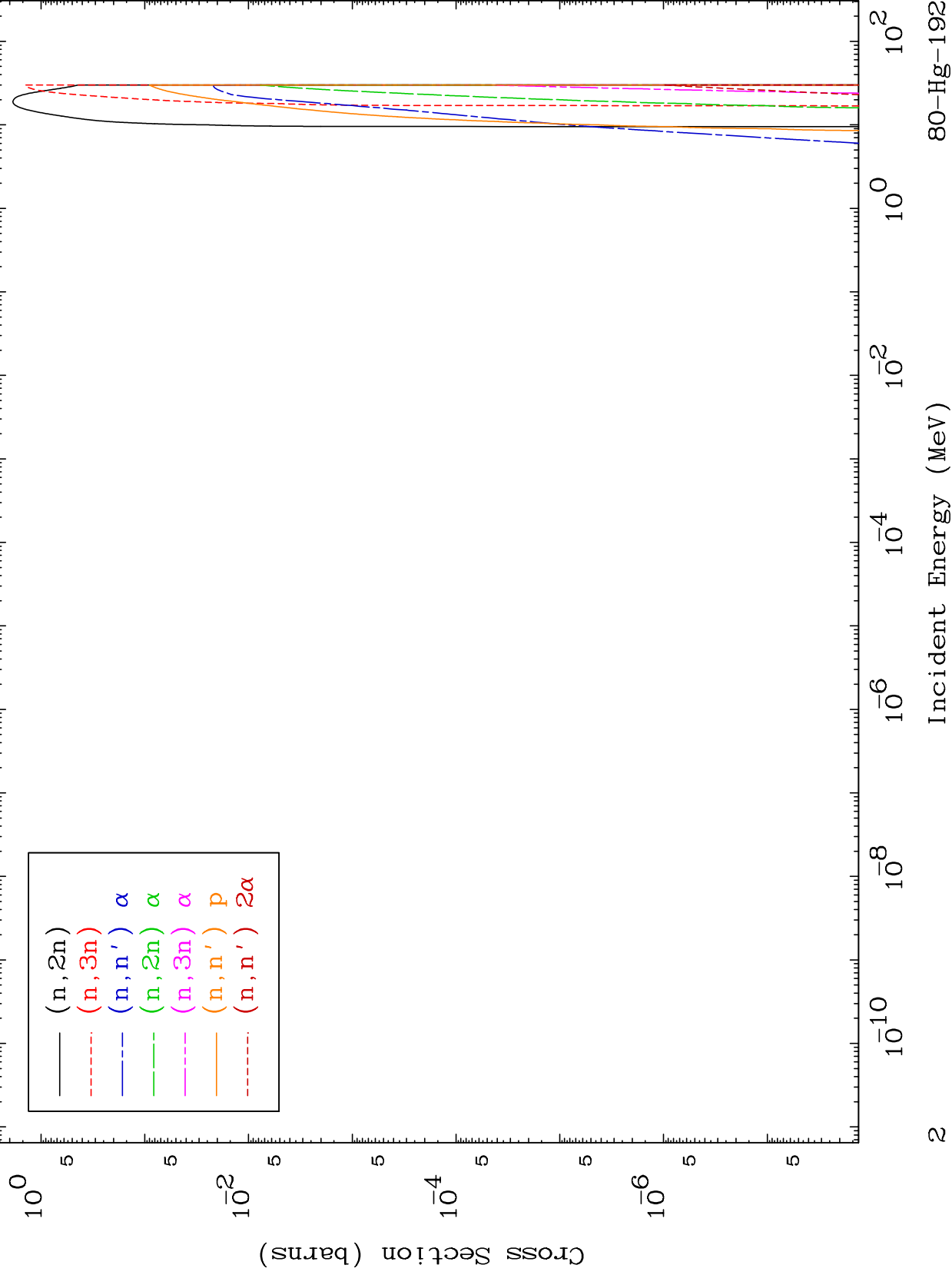
80-Hg-192



MAT 8013

Neutron Production
293 Kelvin Cross Sections

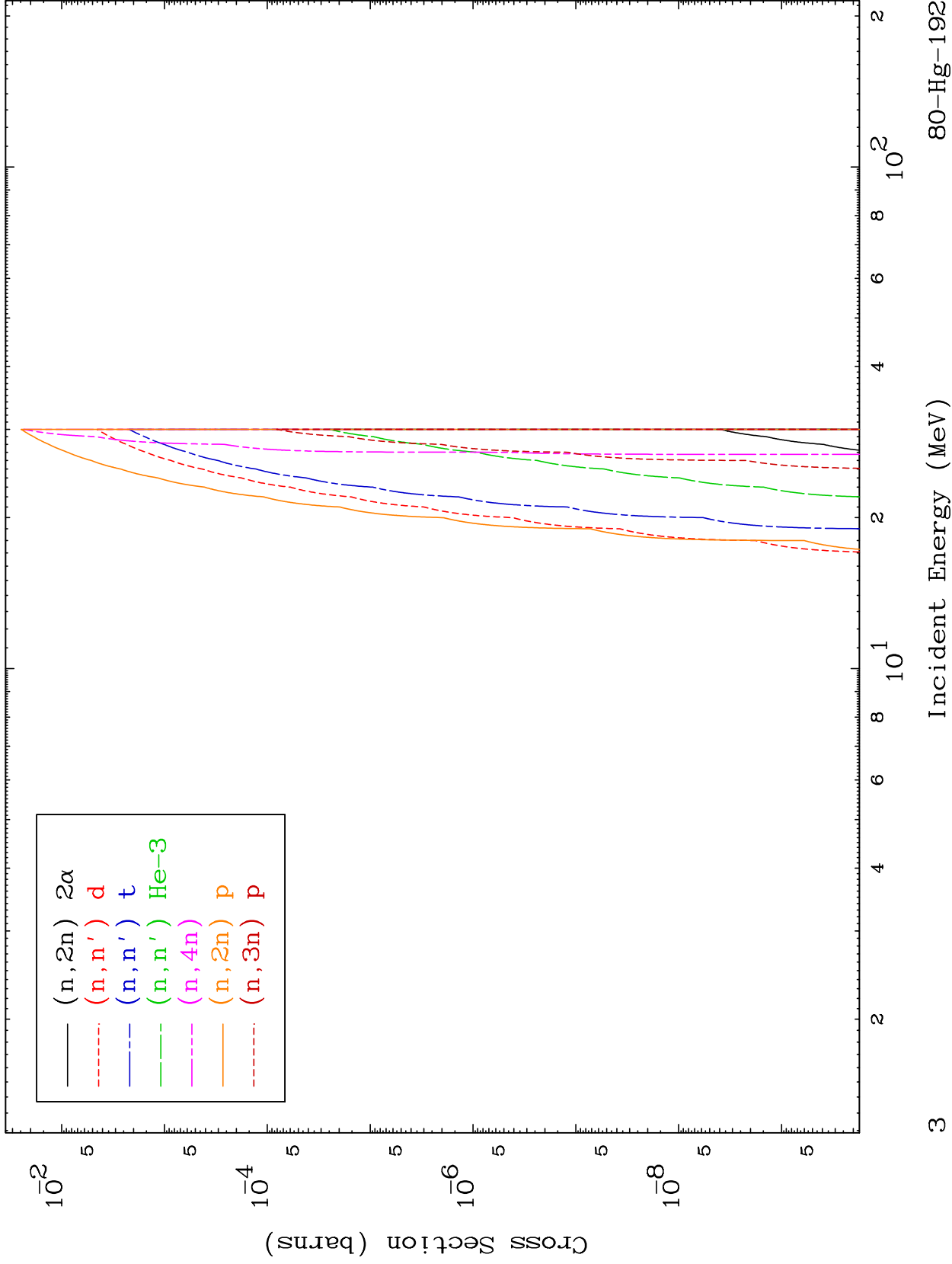
80-Hg-192



MAT 8013

Neutron Production
293 Kelvin Cross Sections

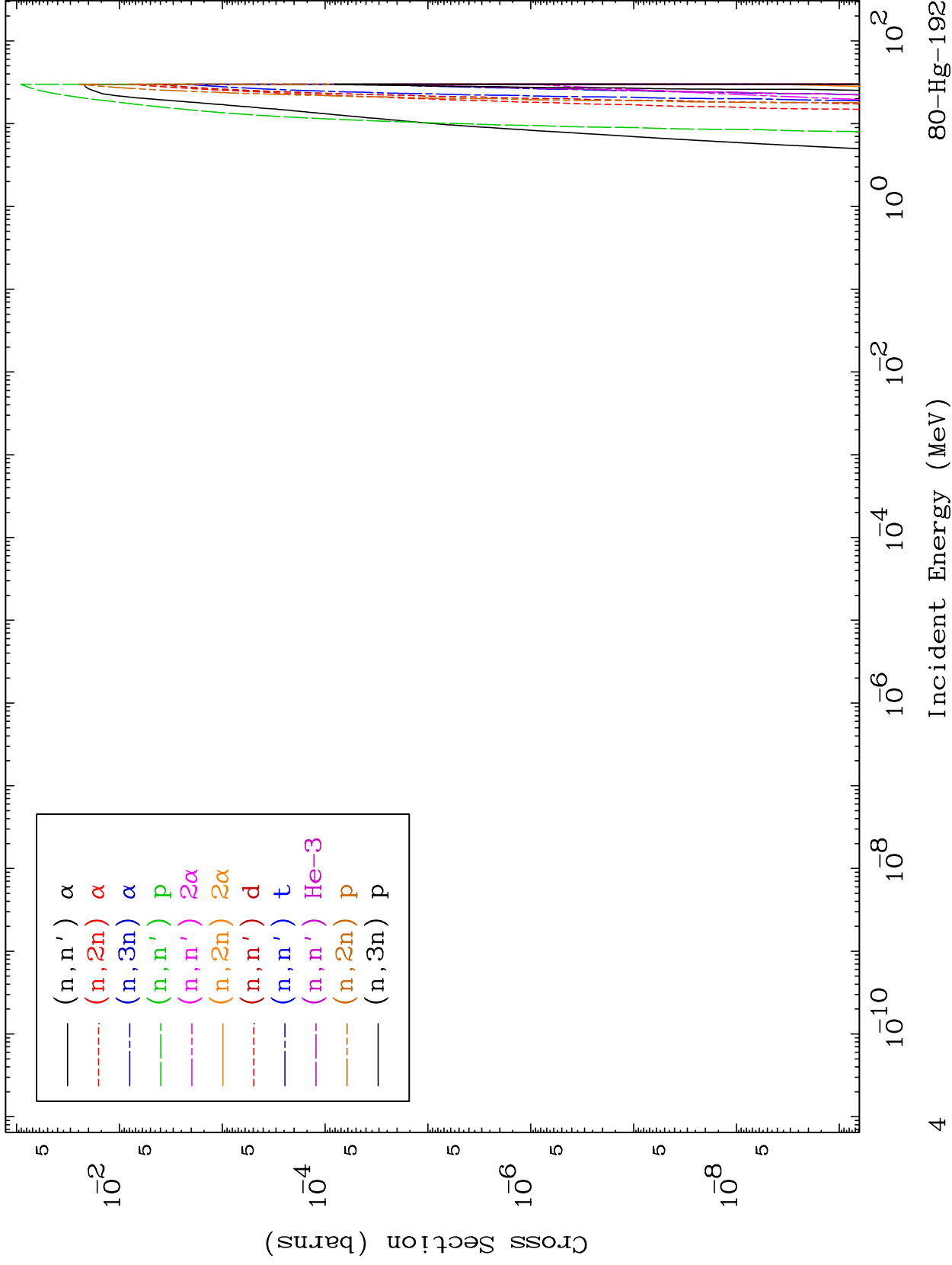
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

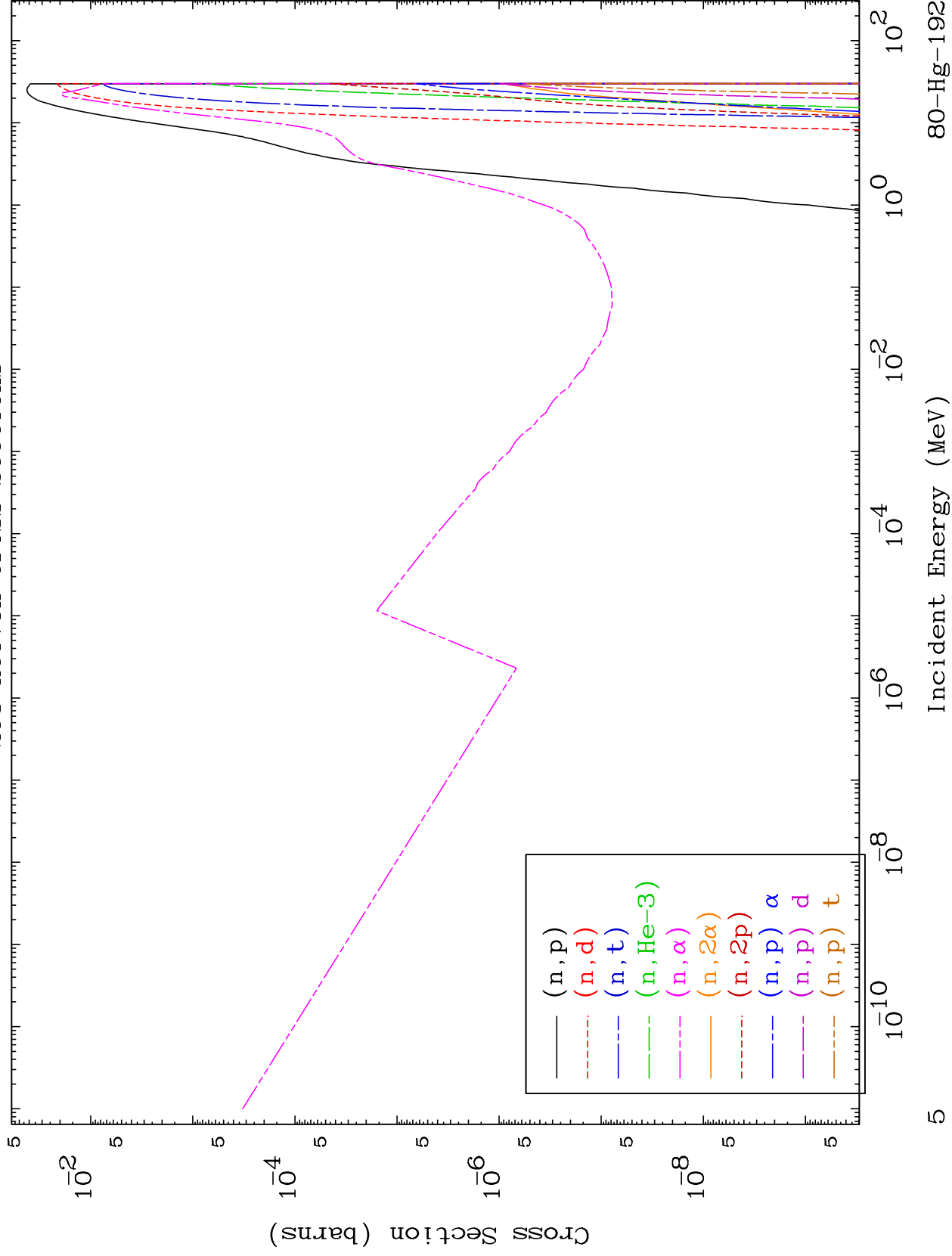
80-Hg-192



MAT 8013

Charged Particle
293 Kelvin Cross Sections

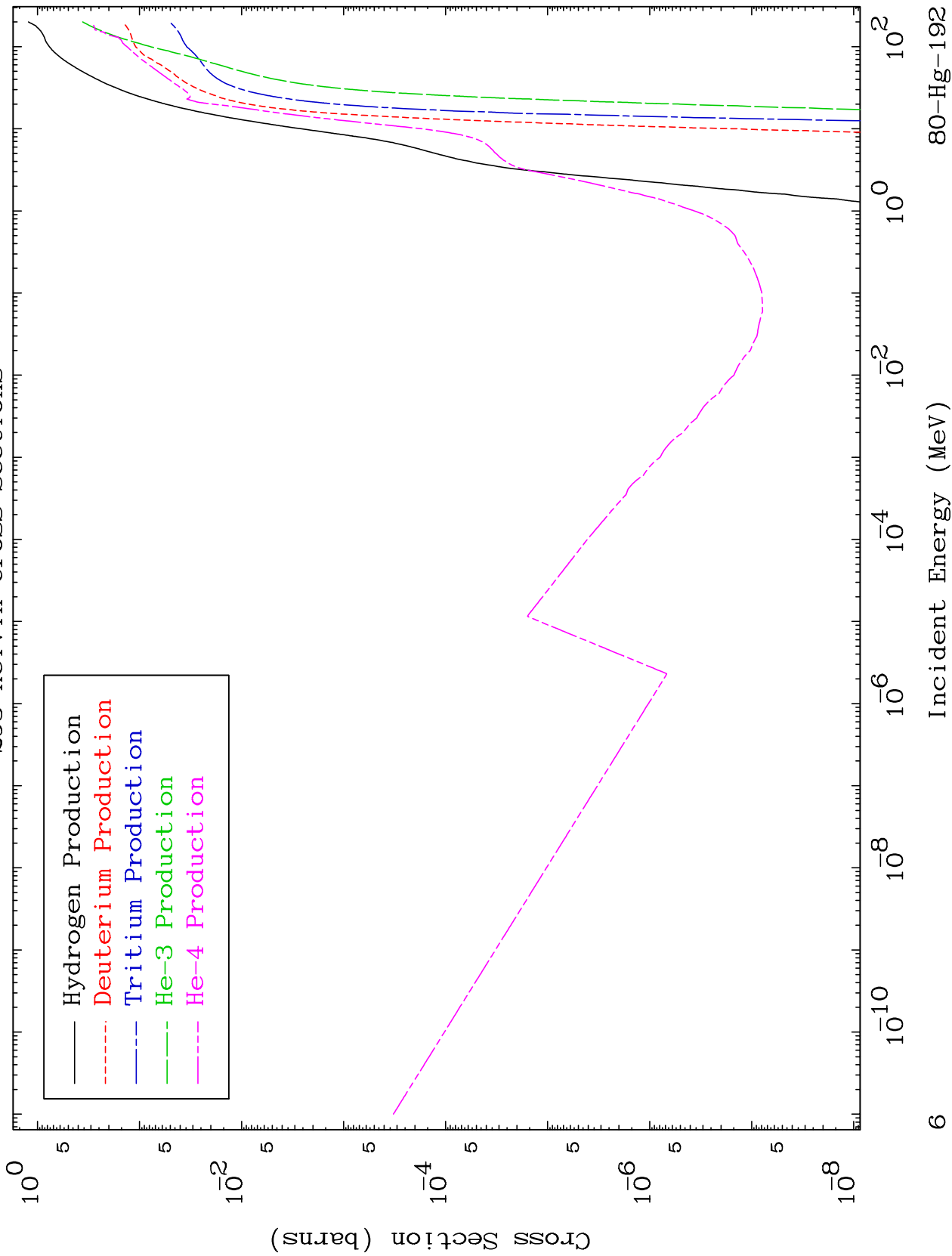
80-Hg-192



MAT 8013

Particle Production
293 Kelvin Cross Sections

80-Hg-192

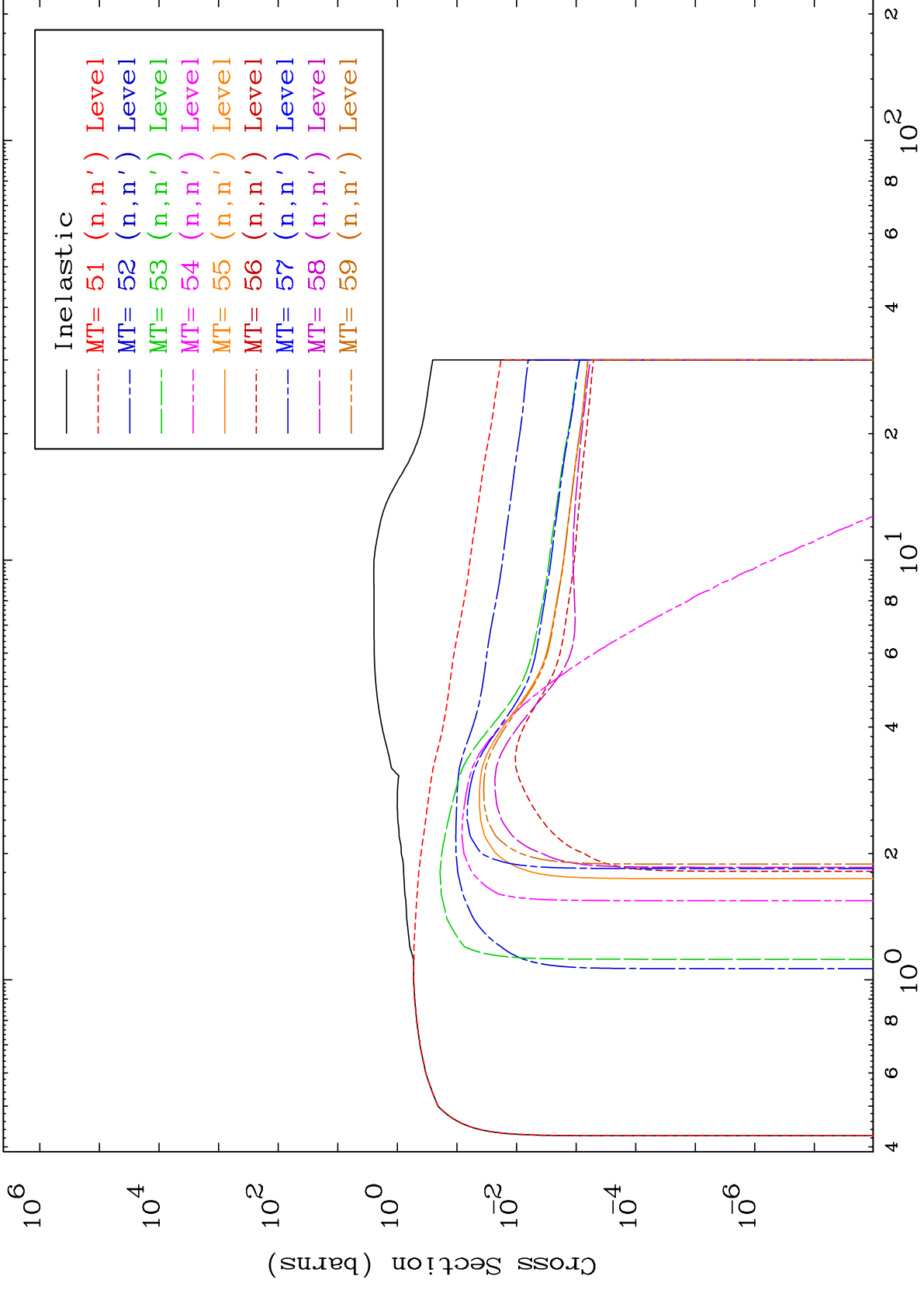


MAT 8013

(n,n') Level

80-Hg-192

293 Kelvin Cross Sections

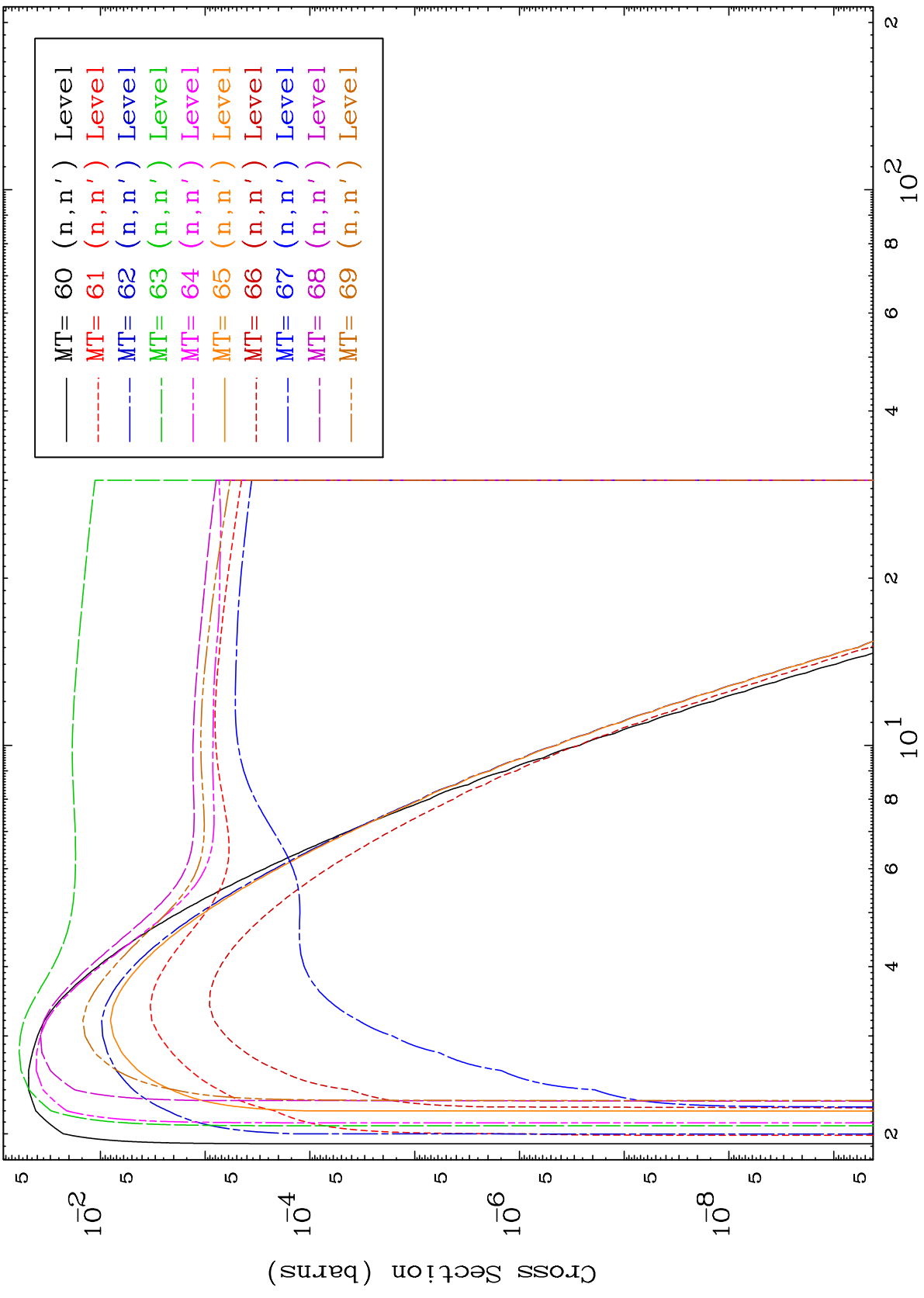


MAT 8013

(n,n') Level

293 Kelvin Cross Sections

80-Hg-192

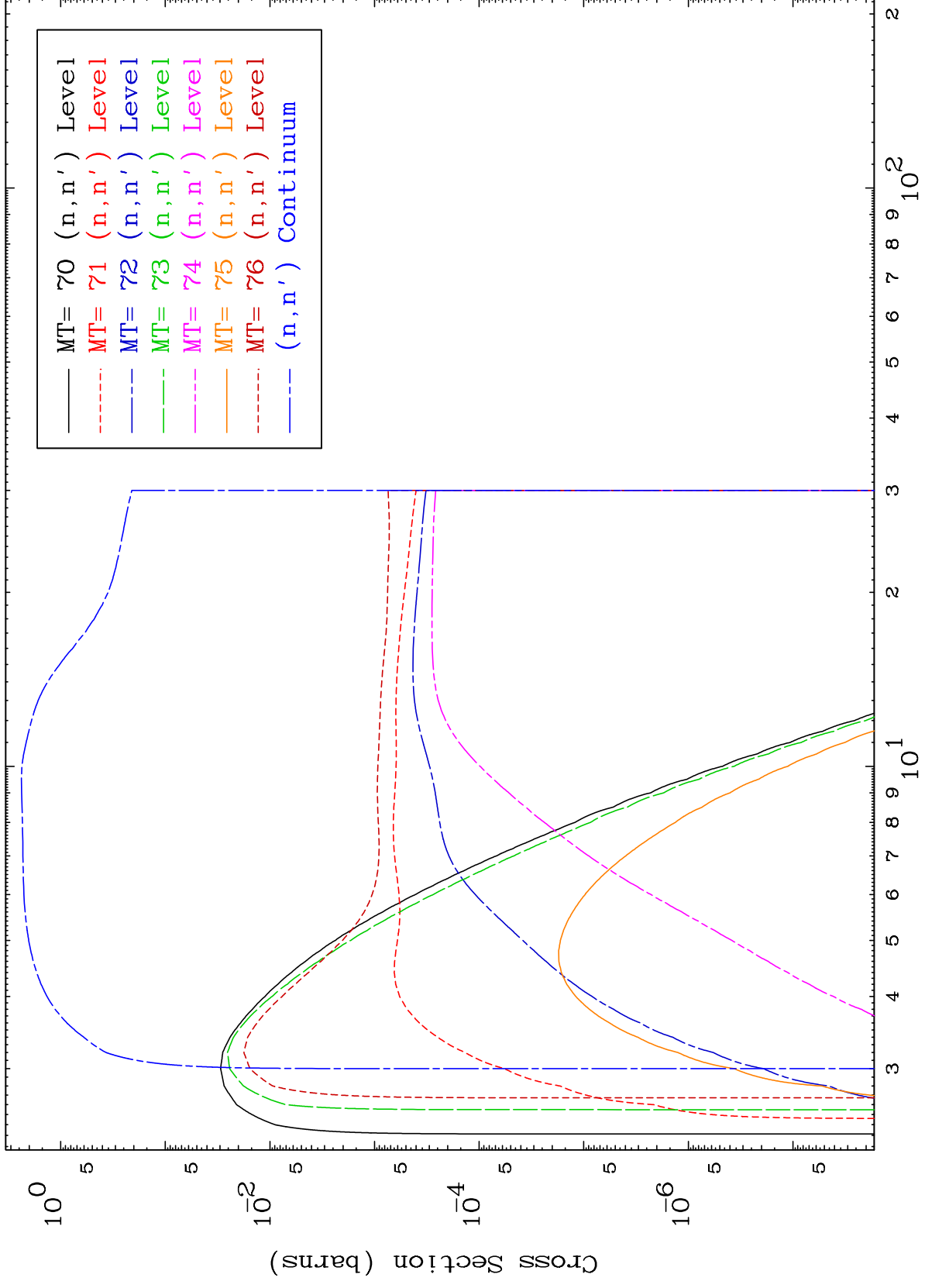


8

Incident Energy (MeV)

80-Hg-192

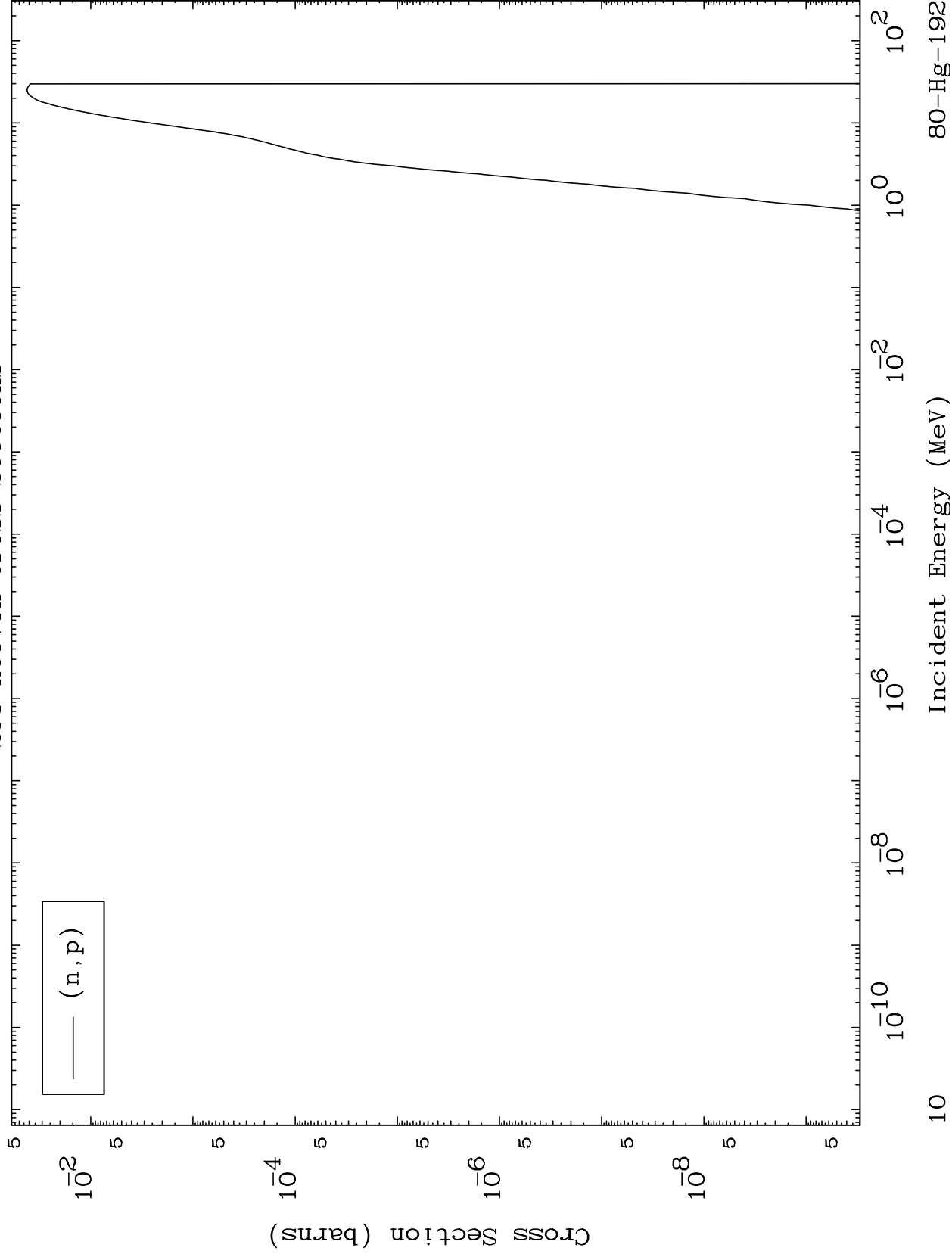
293 Kelvin Cross Sections



MAT 8013

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-192



10

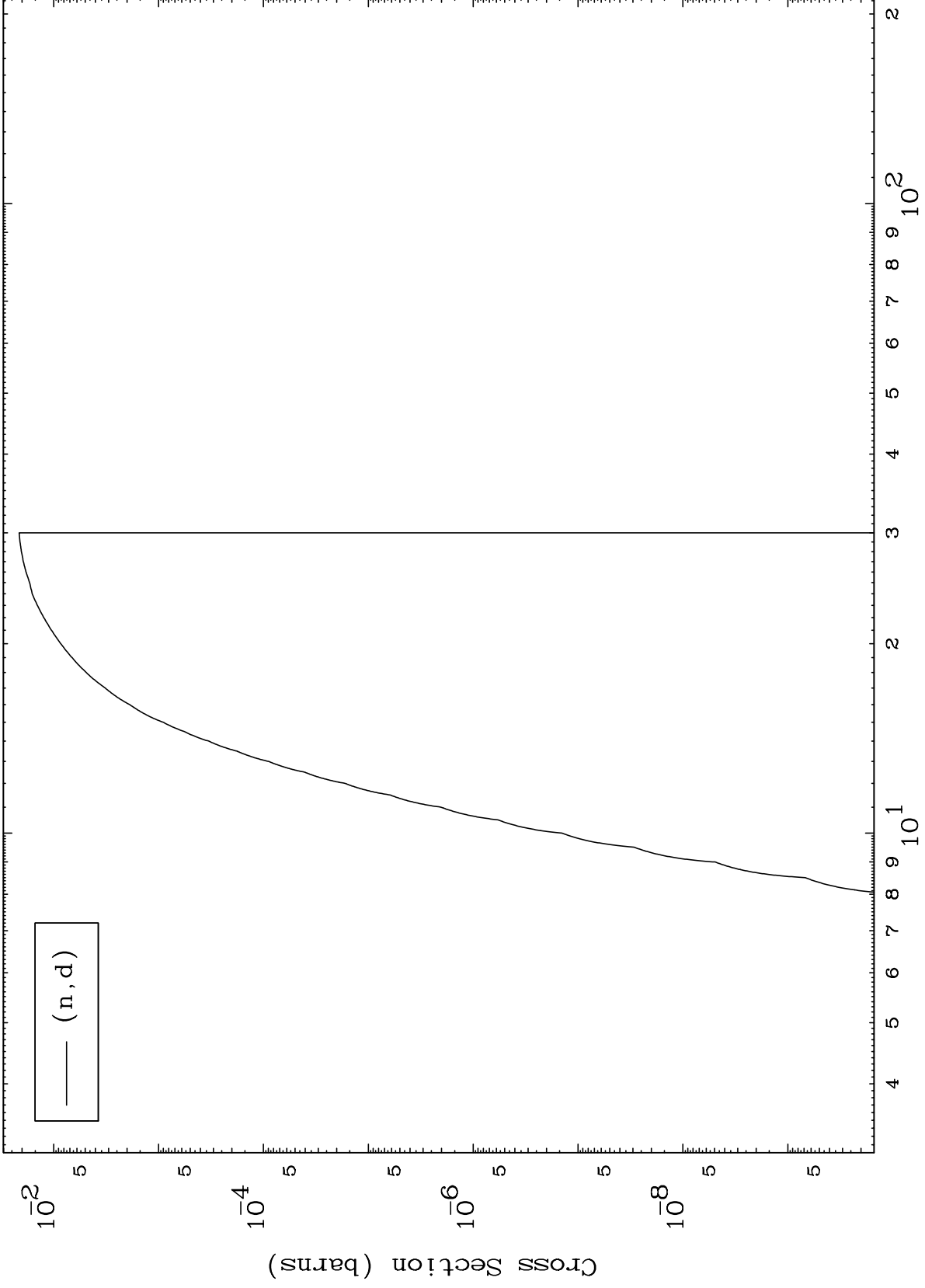
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-192



11

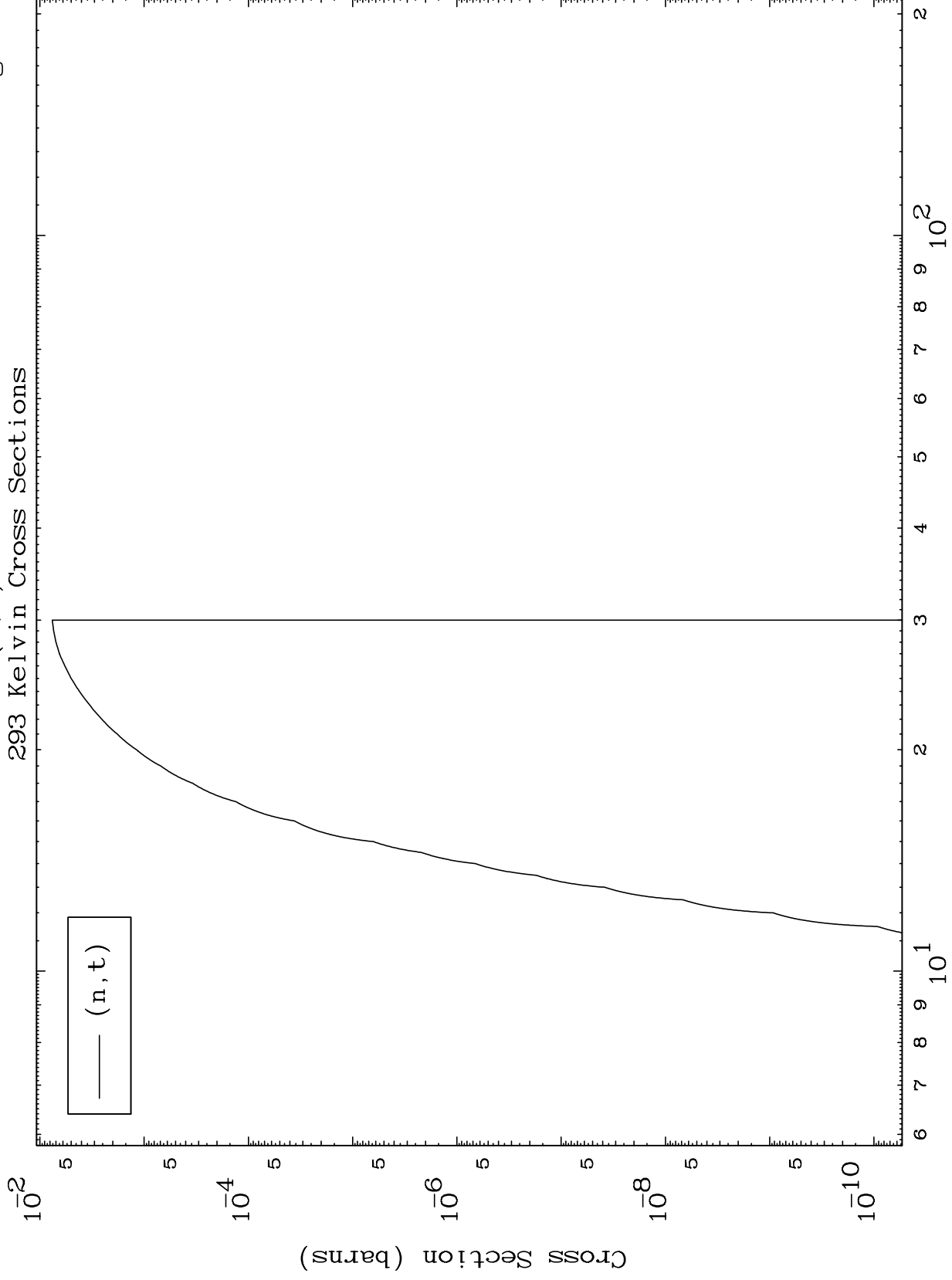
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-192



12

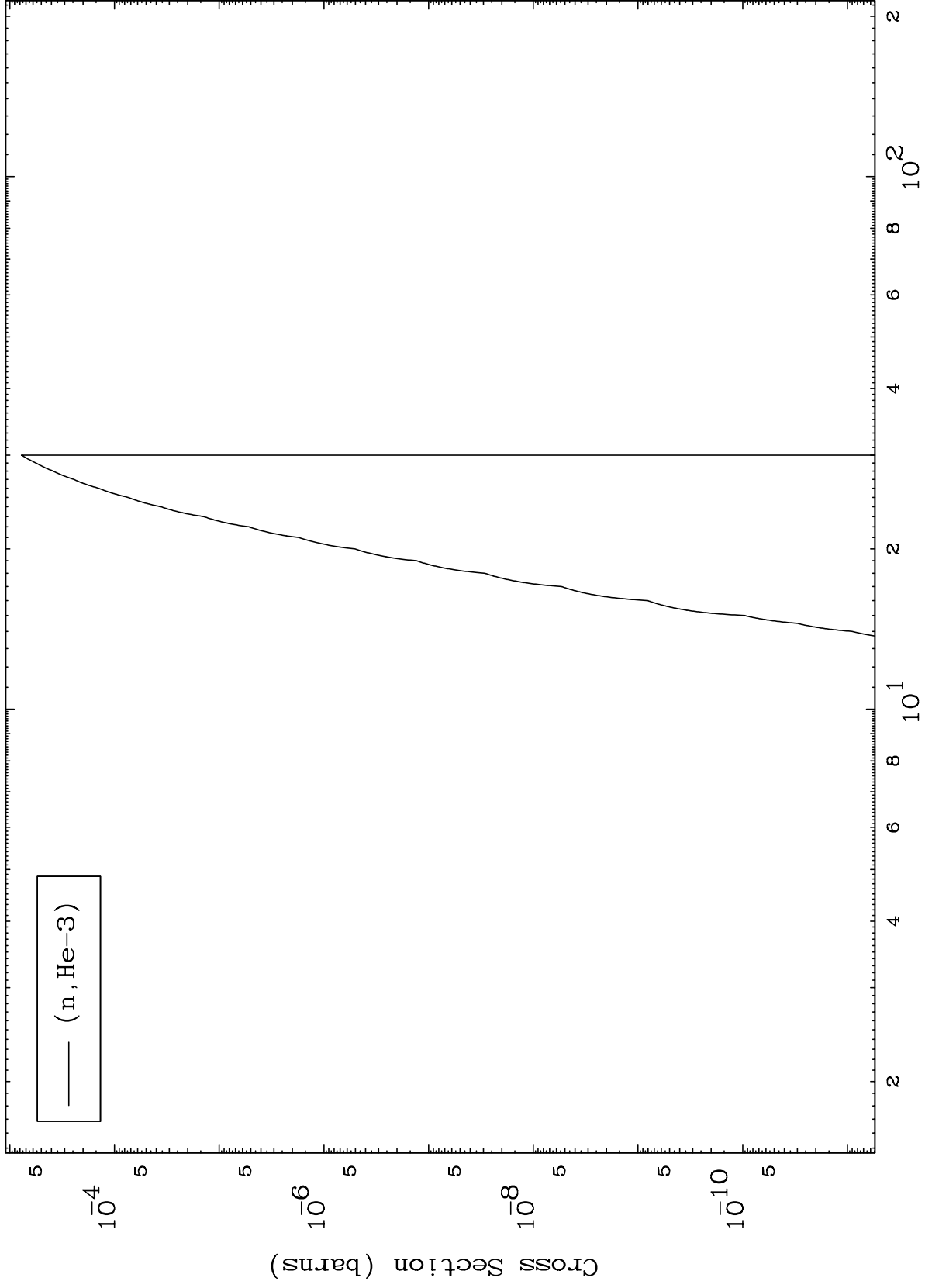
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,He3) Levels
293 Kelvin Cross Sections

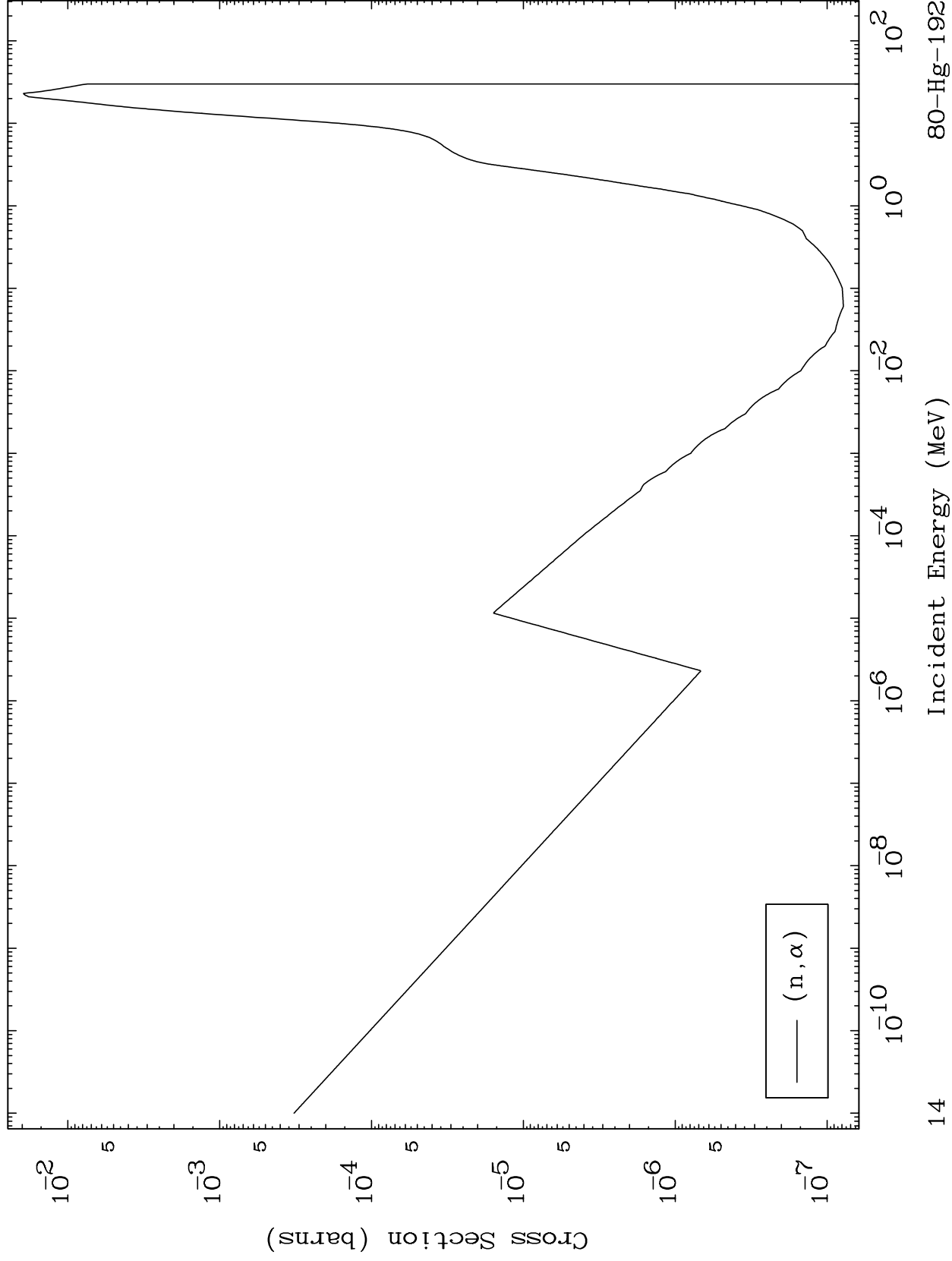
80-Hg-192

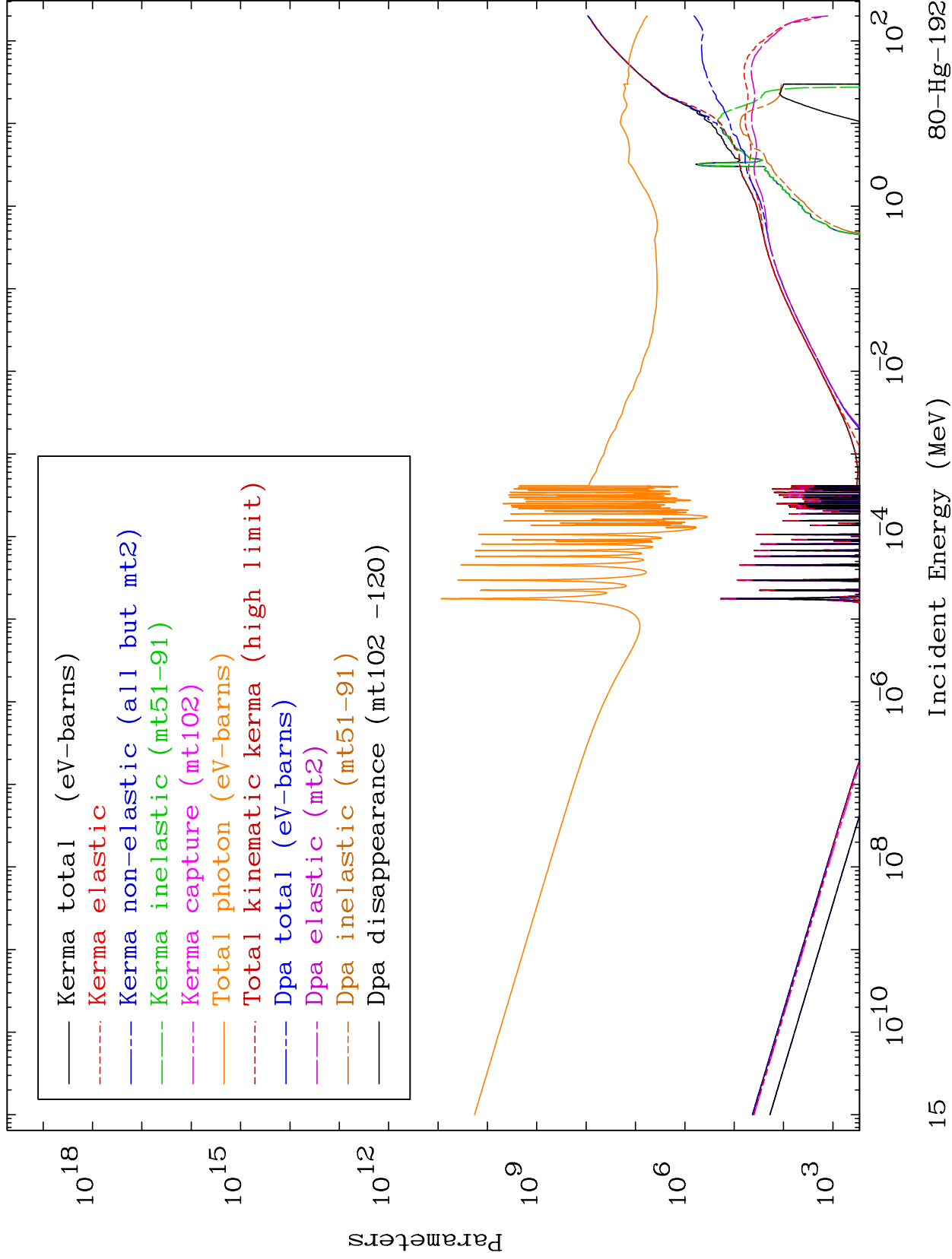


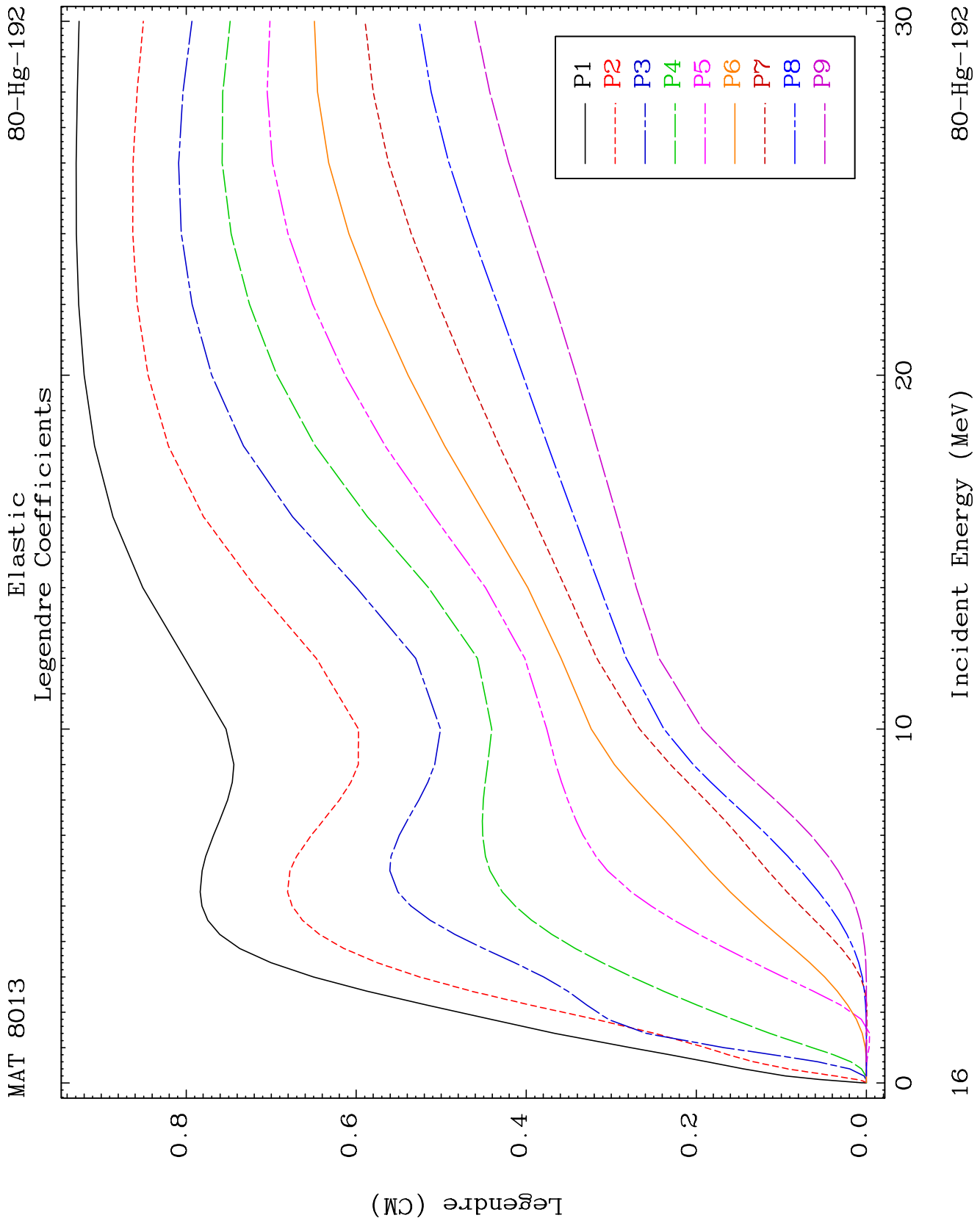
MAT 8013

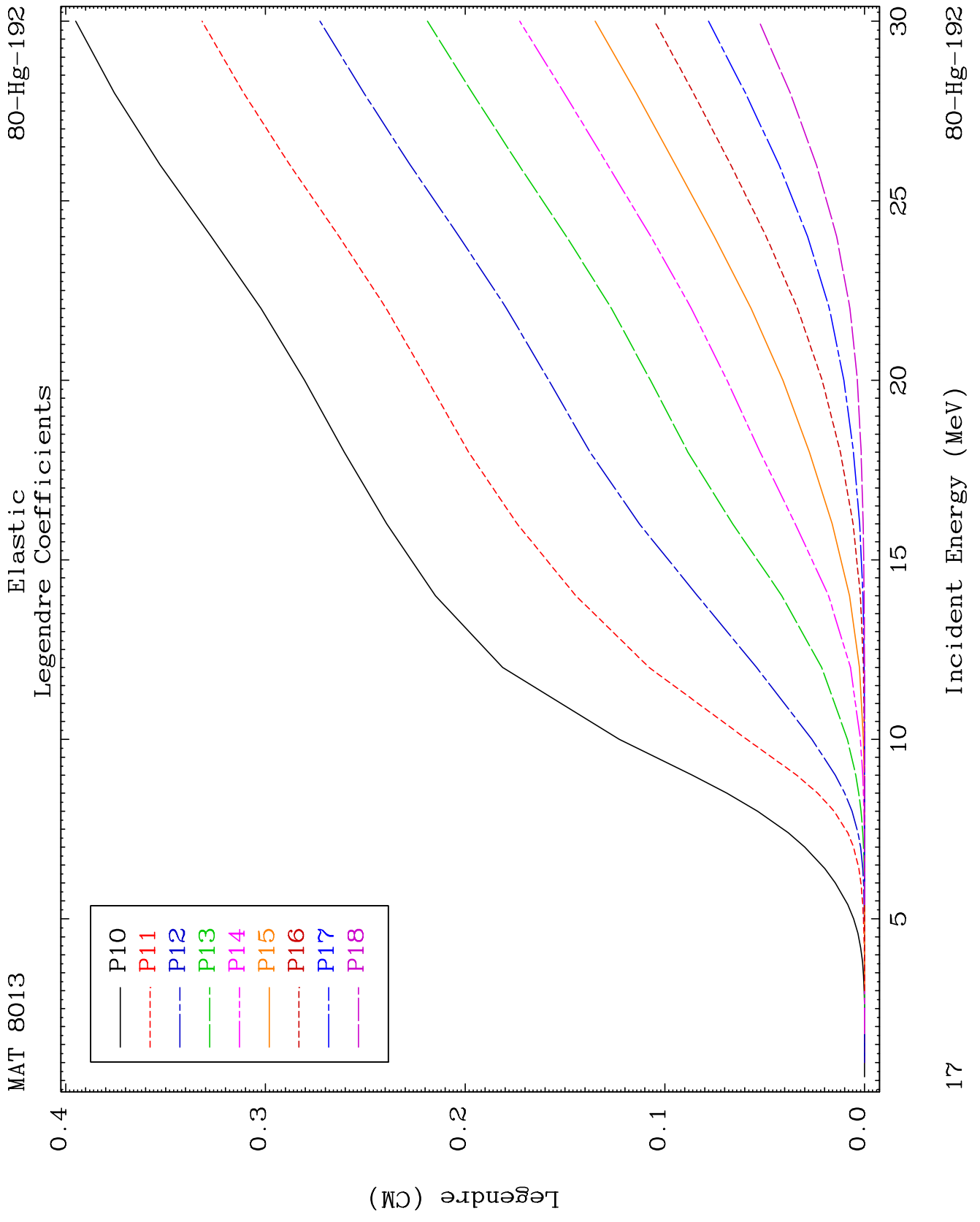
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-192





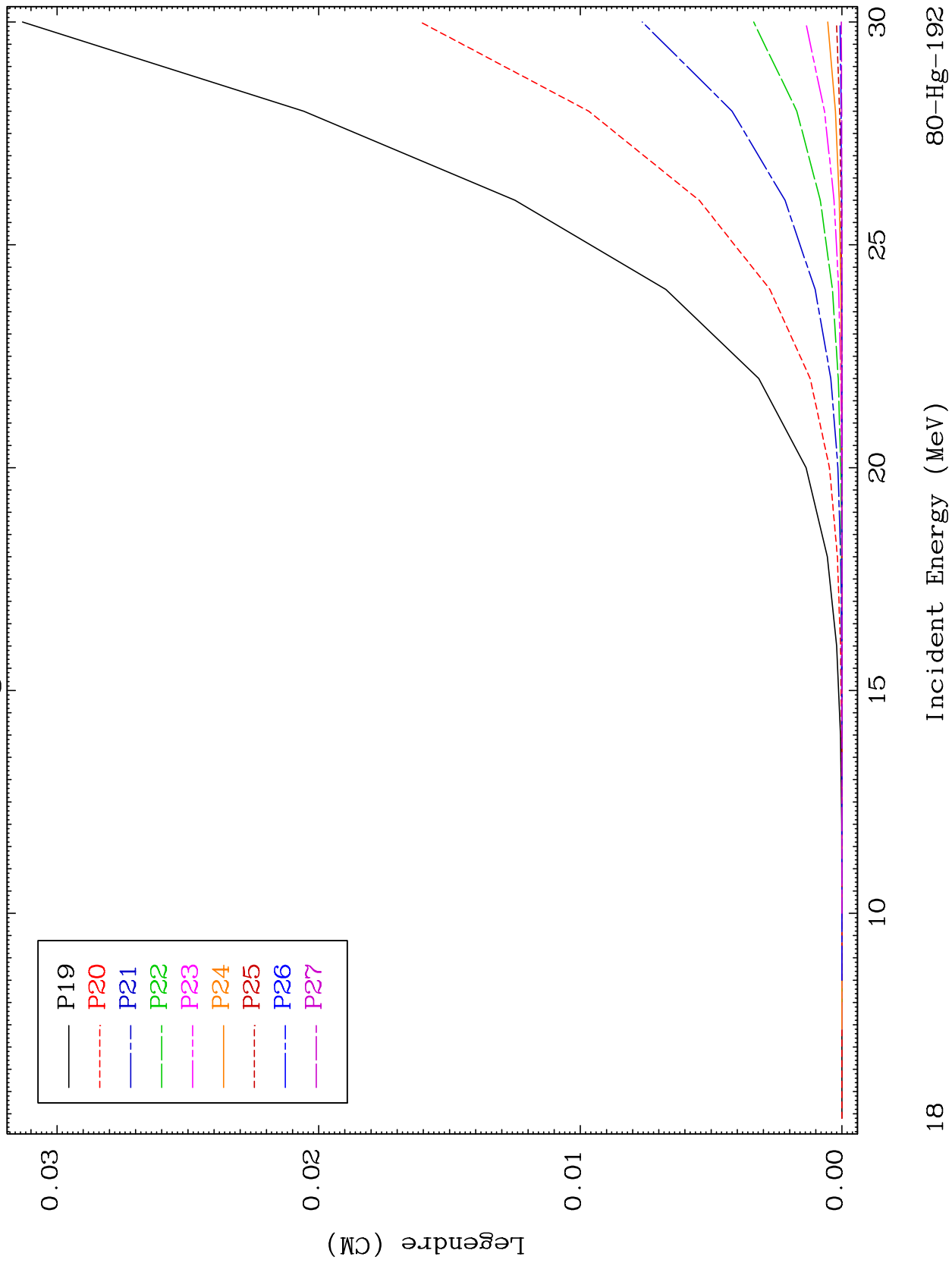




MAT 8013

Elastic Legendre Coefficients

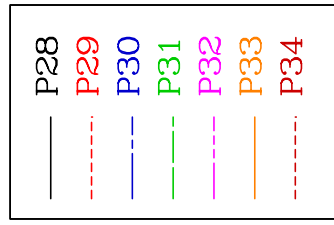
80-Hg-192



MAT 8013

Elastic
Legendre Coefficients

80-Hg-192



$\times 10^{-6}$

Legendre (CM)

10

15

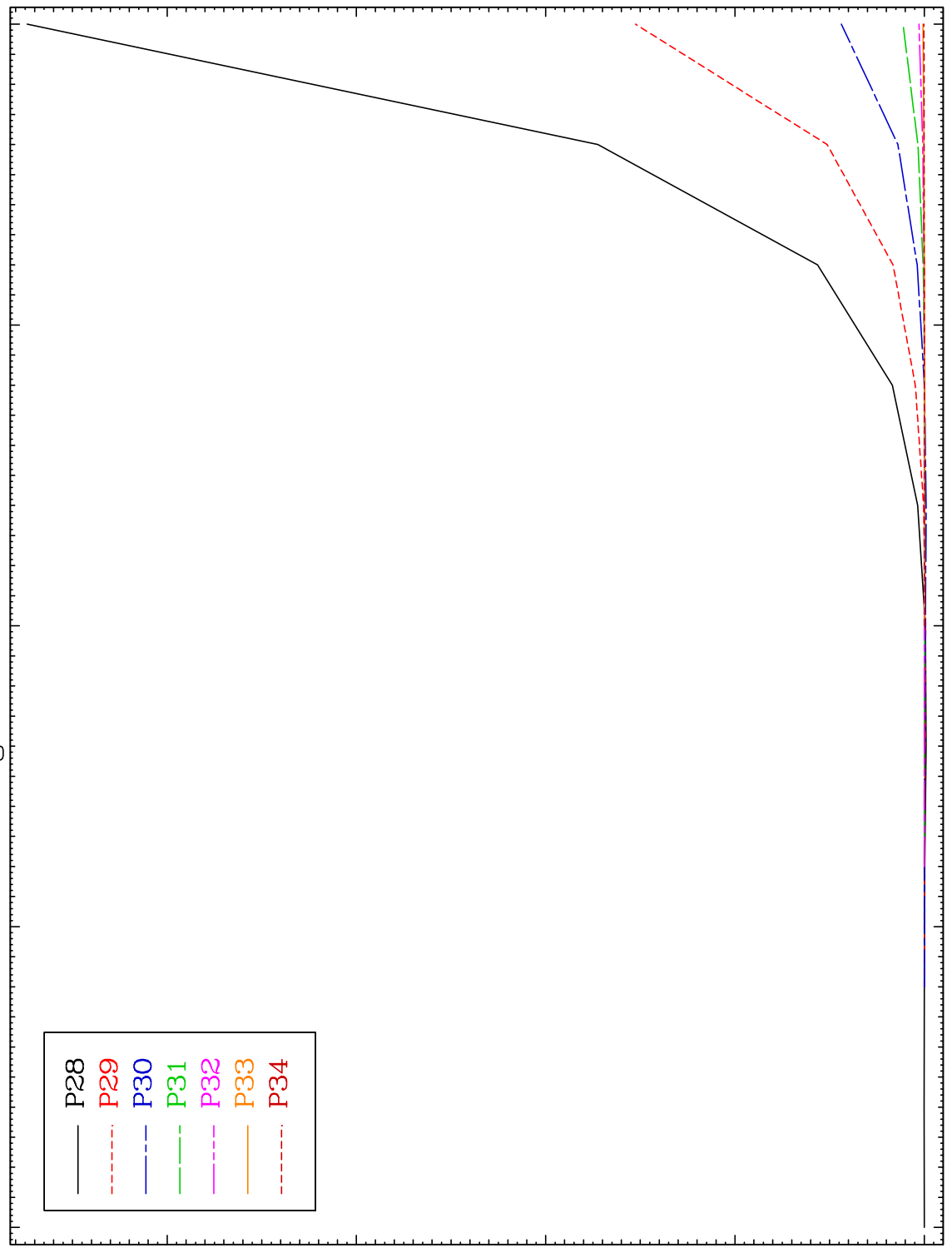
20

25

30

Incident Energy (MeV)

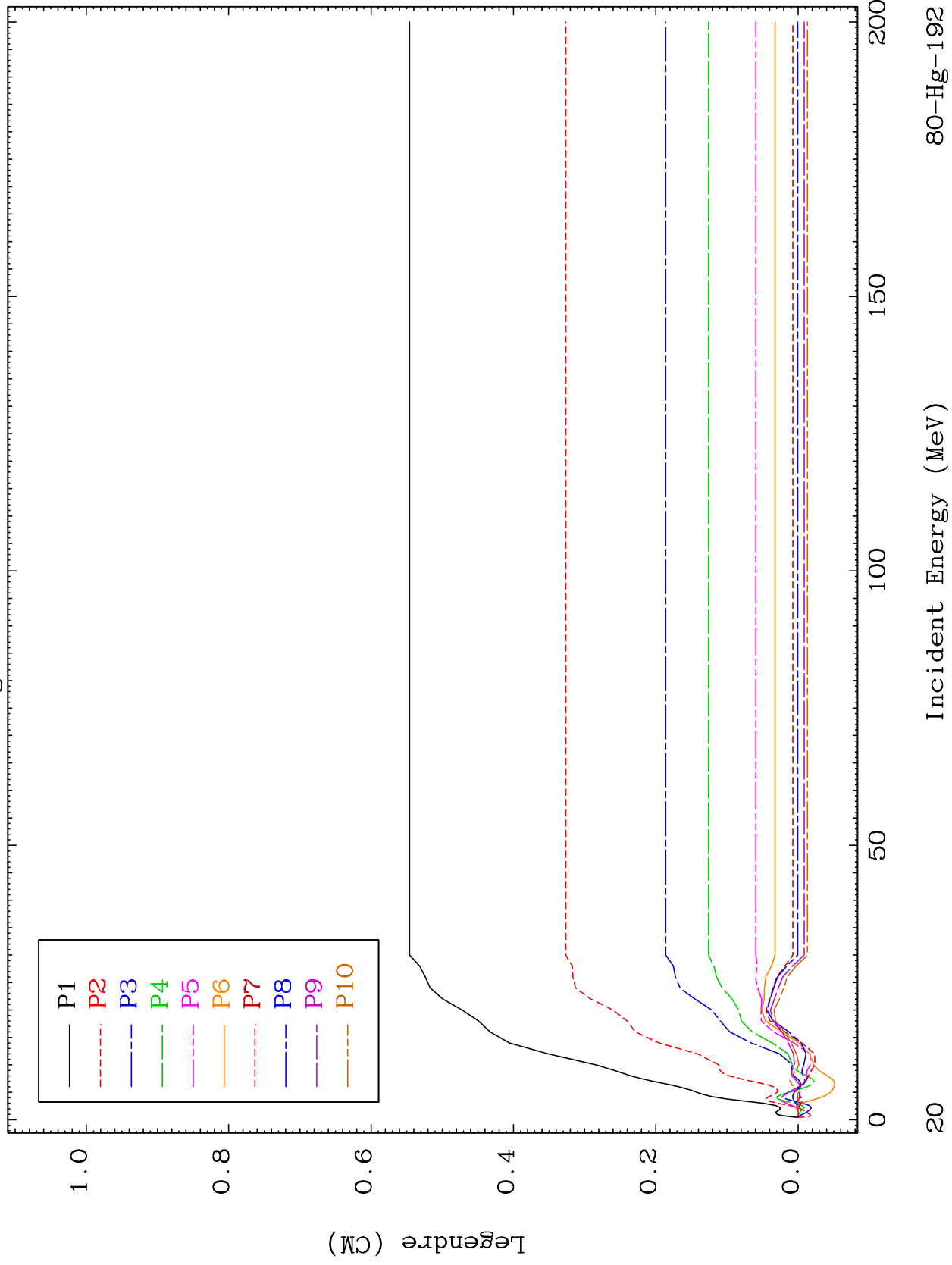
80-Hg-192



MAT 8013

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

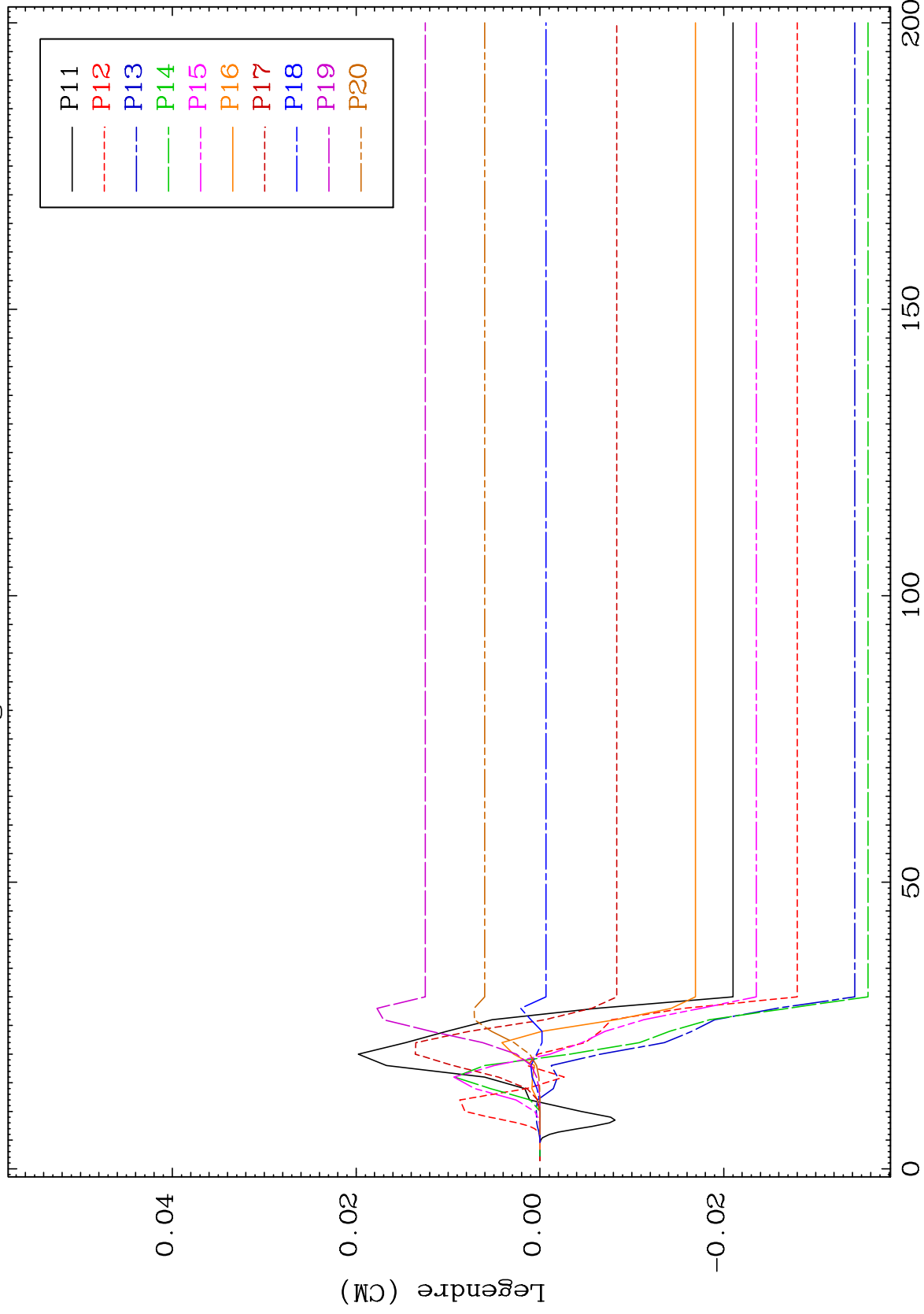
80-Hg-192



MAT 8013

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

80-Hg-192



21

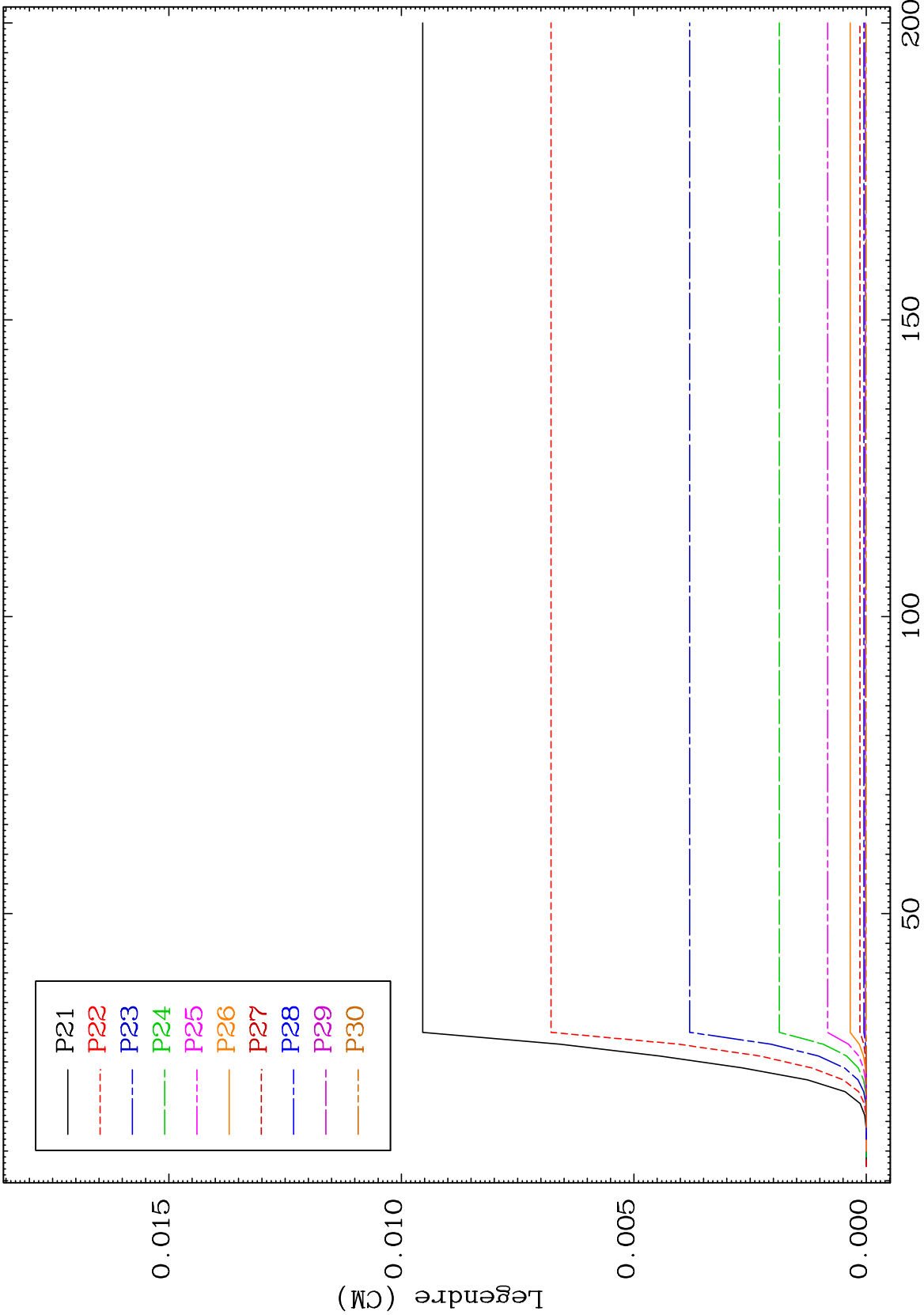
Incident Energy (MeV)

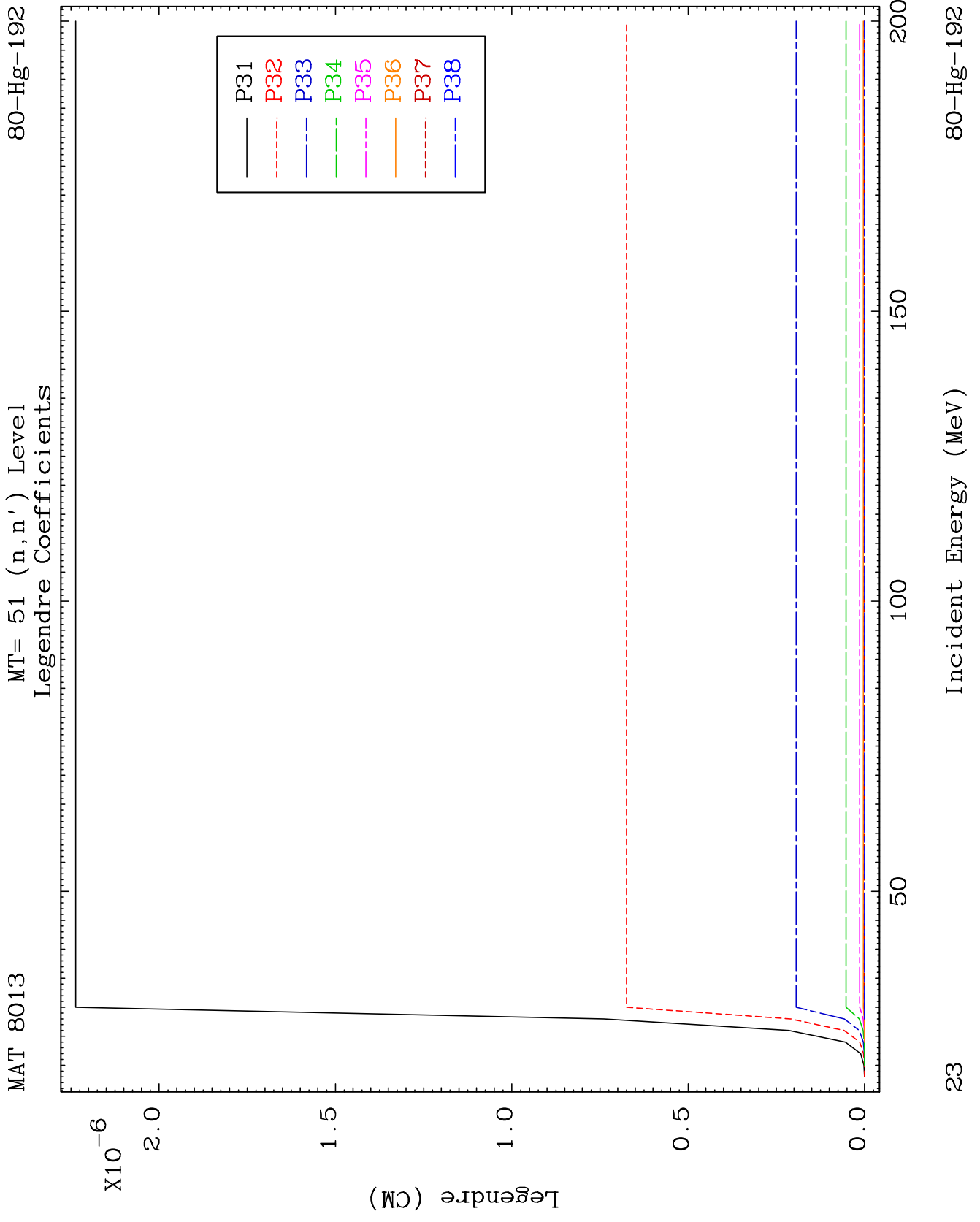
80-Hg-192

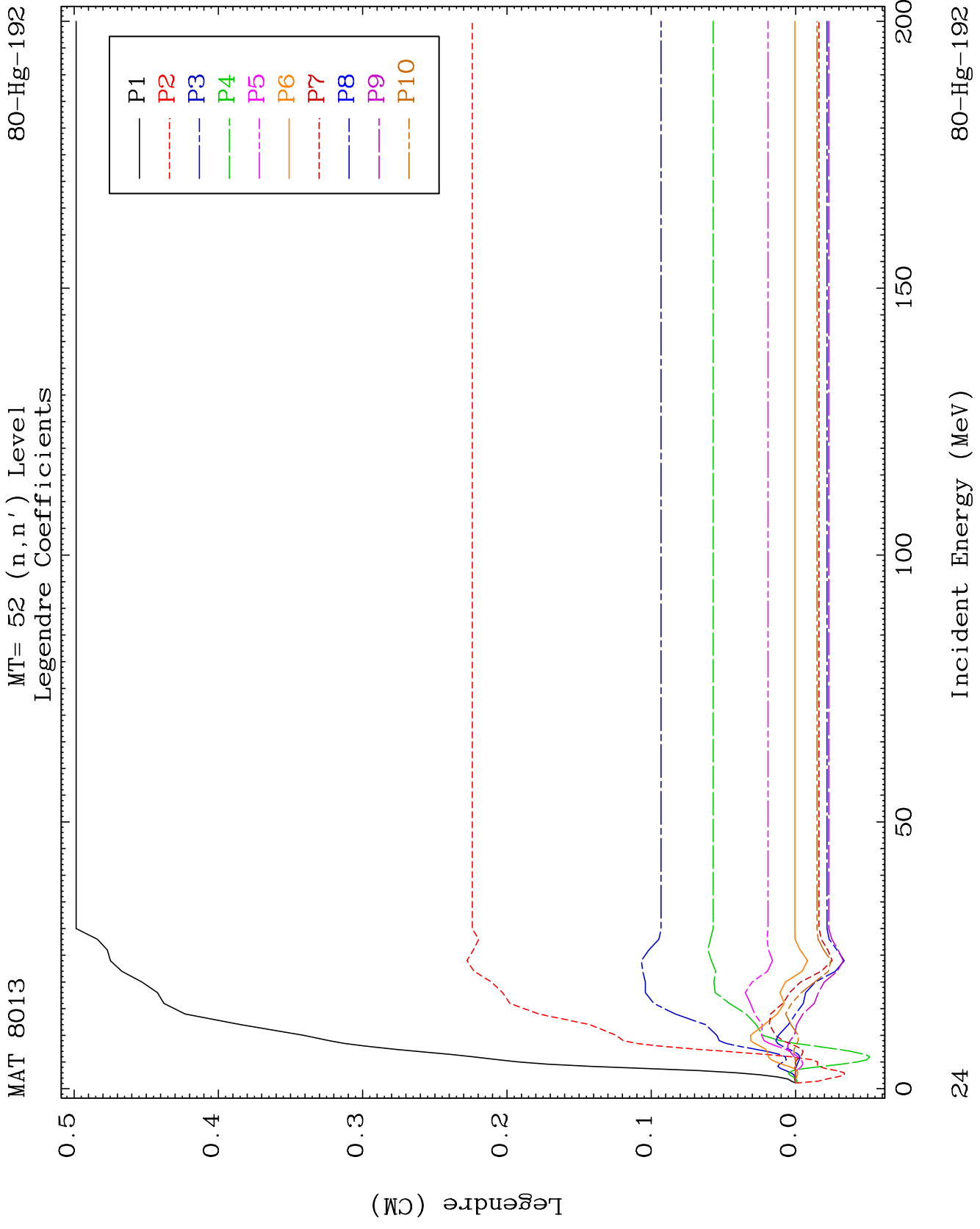
MAT 8013

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

80-Hg-192



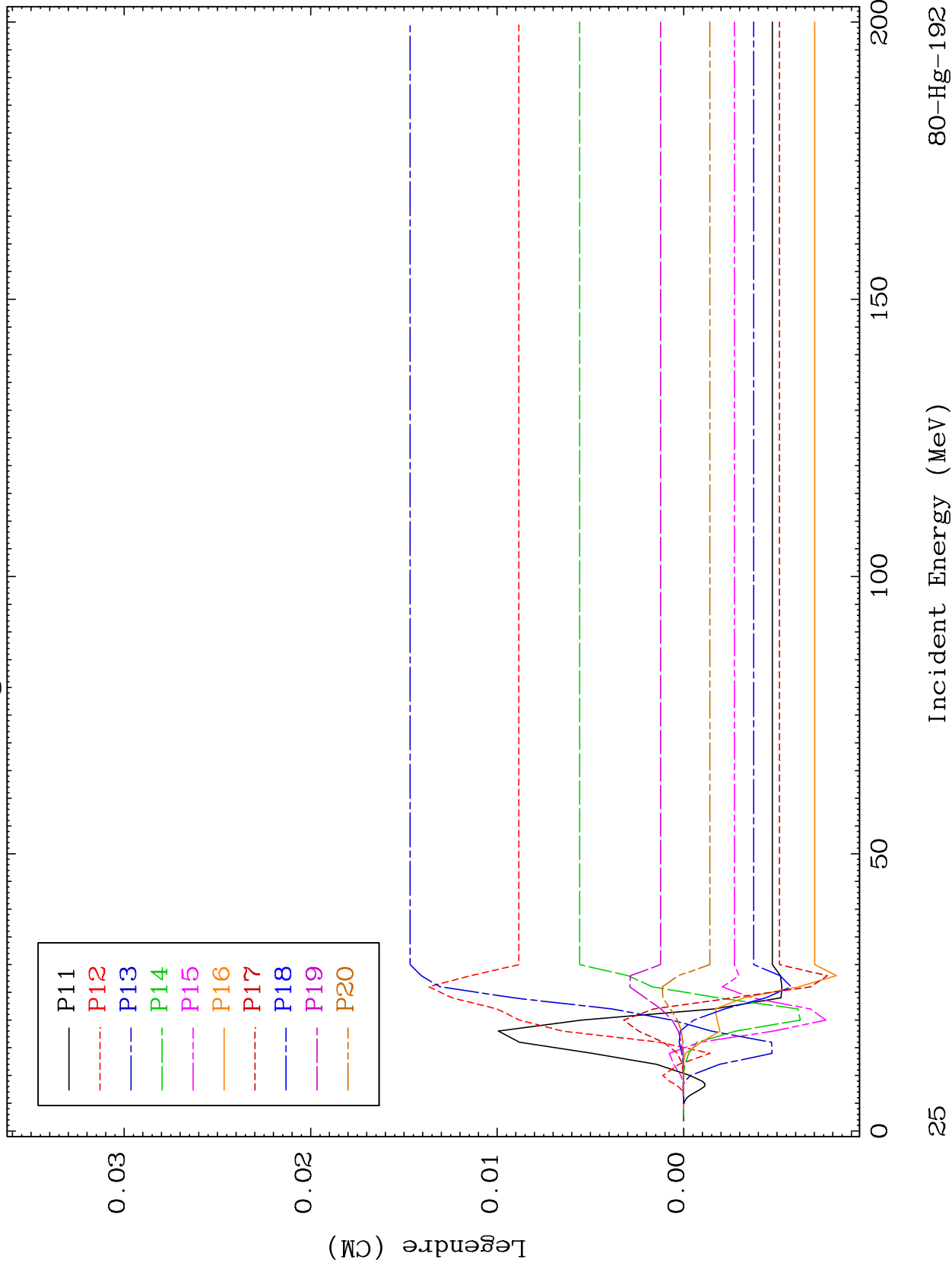




MAT 8013

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

80-Hg-192



80-Hg-192

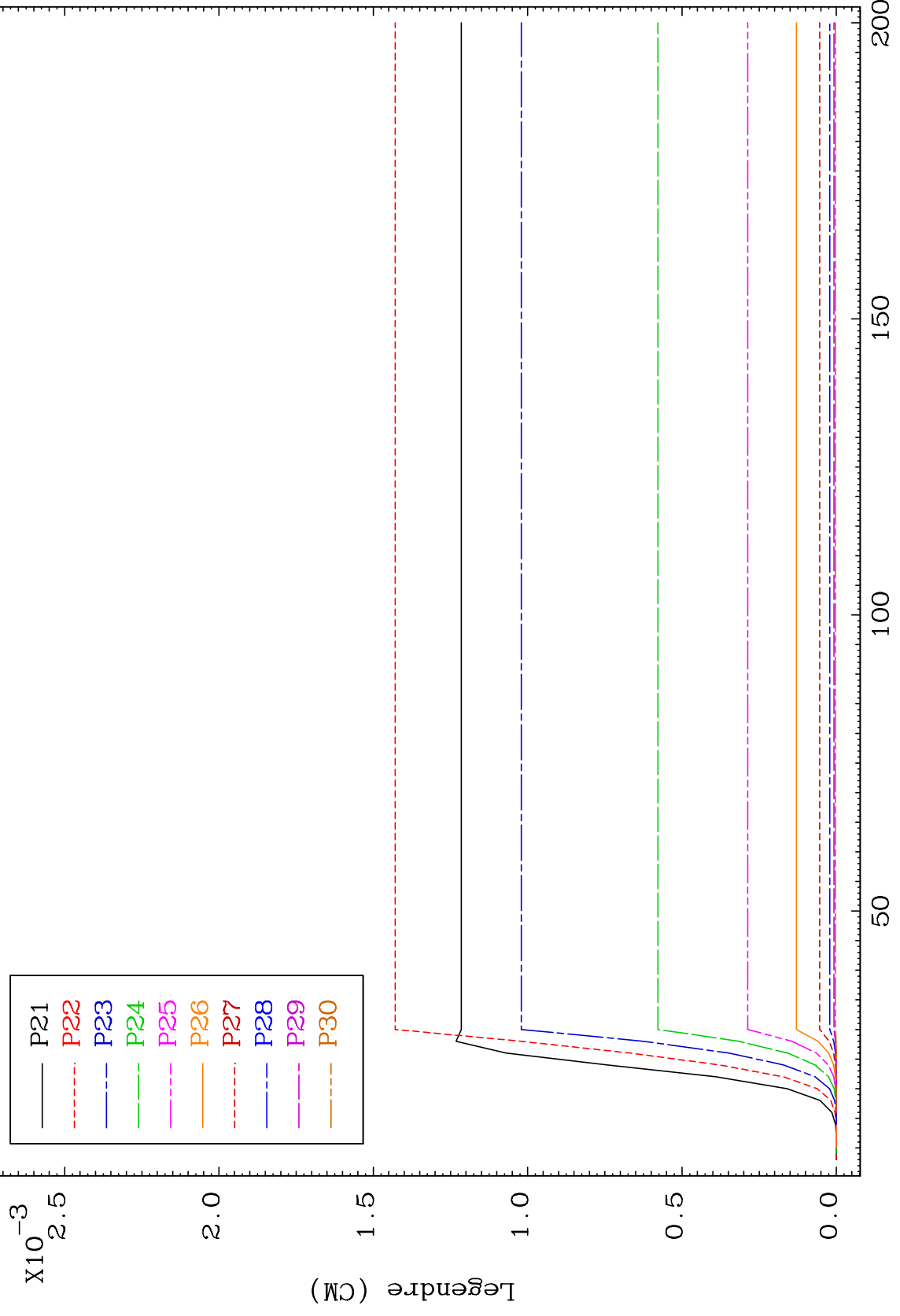
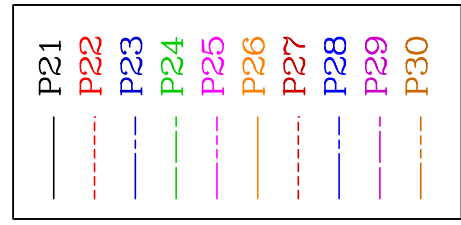
Incident Energy (MeV)

25

MAT 8013

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

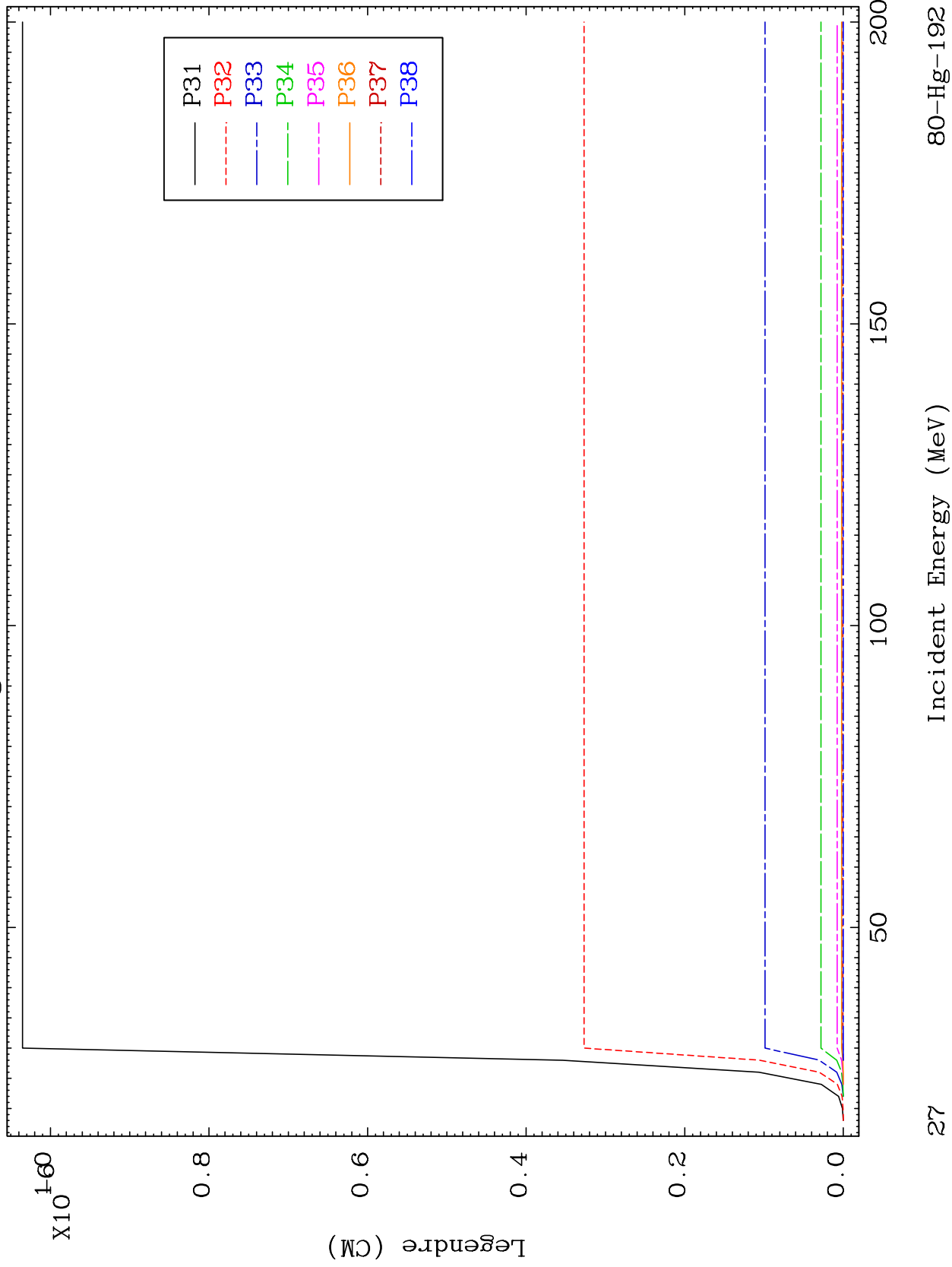
80-Hg-192



MAT 8013

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

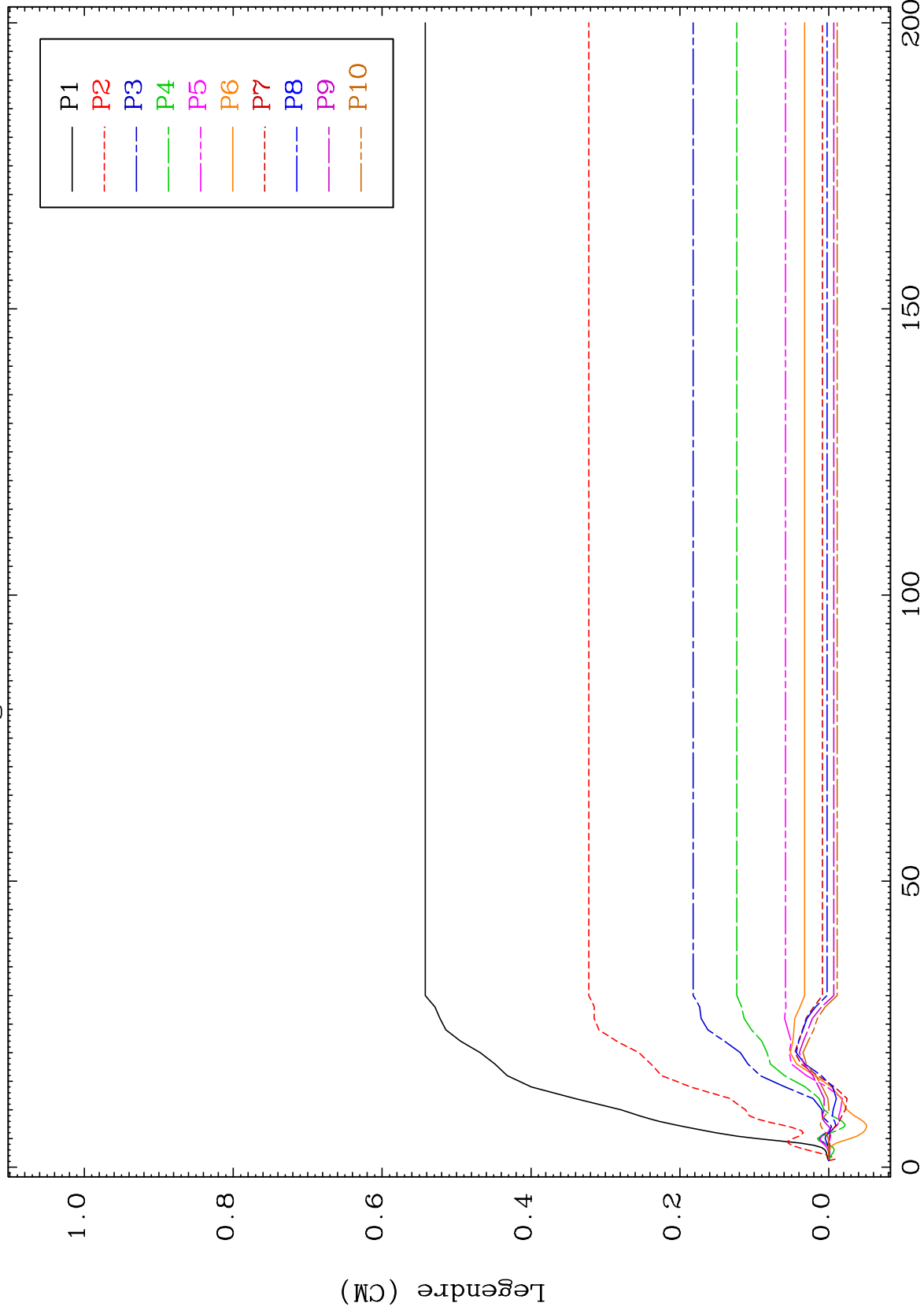
80-Hg-192



MAT 8013

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

80-Hg-192



28

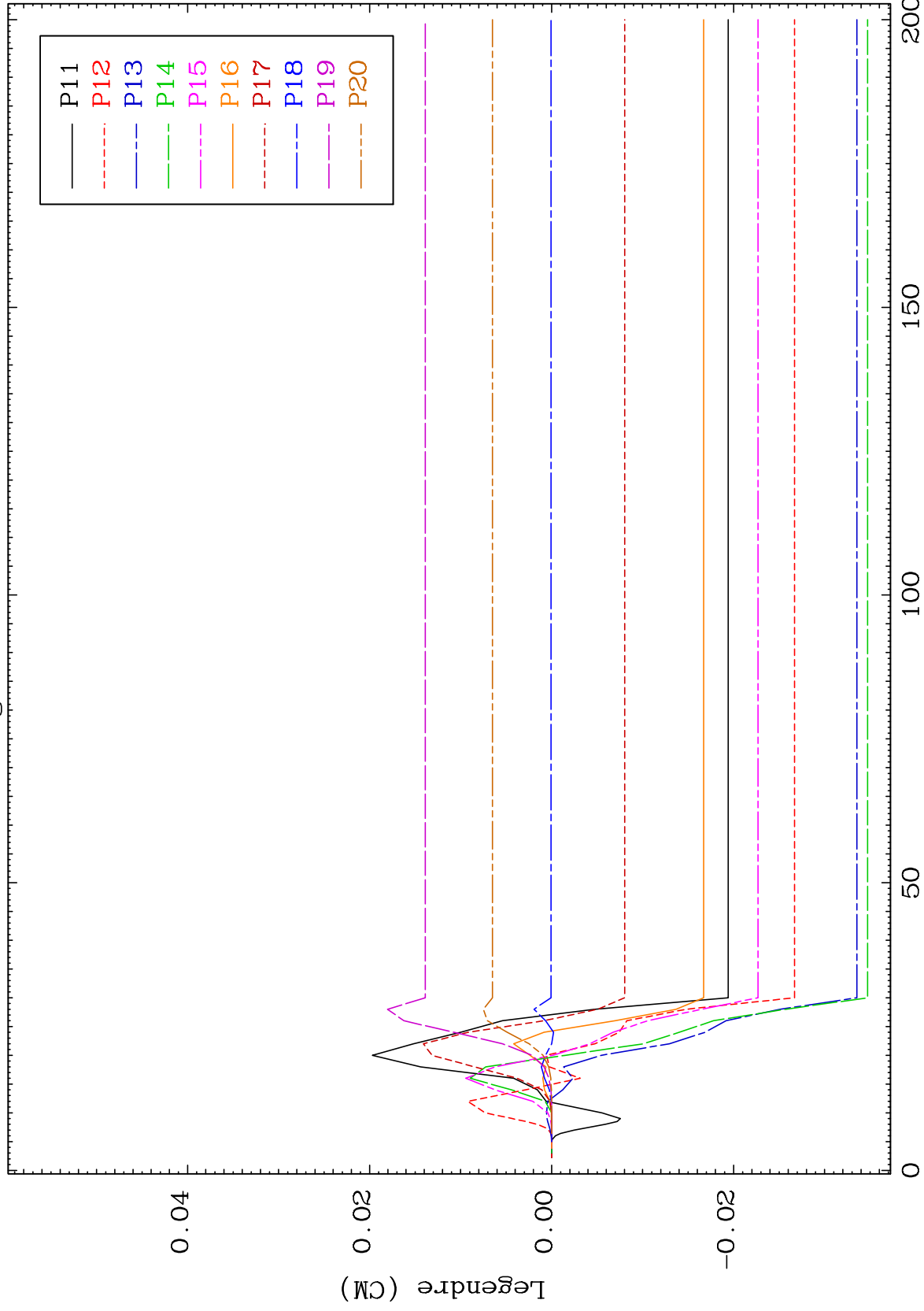
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



29

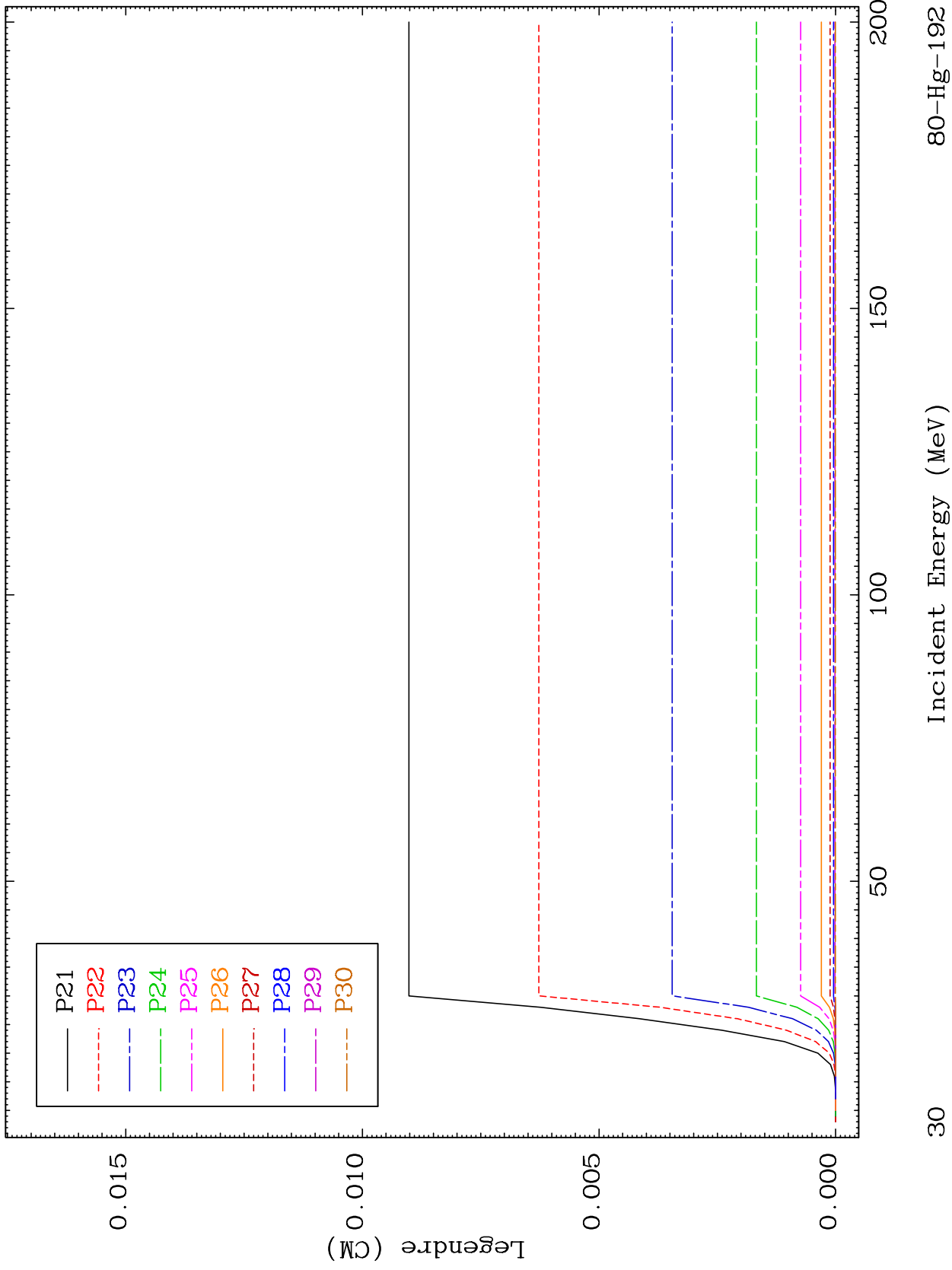
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



80-Hg-192

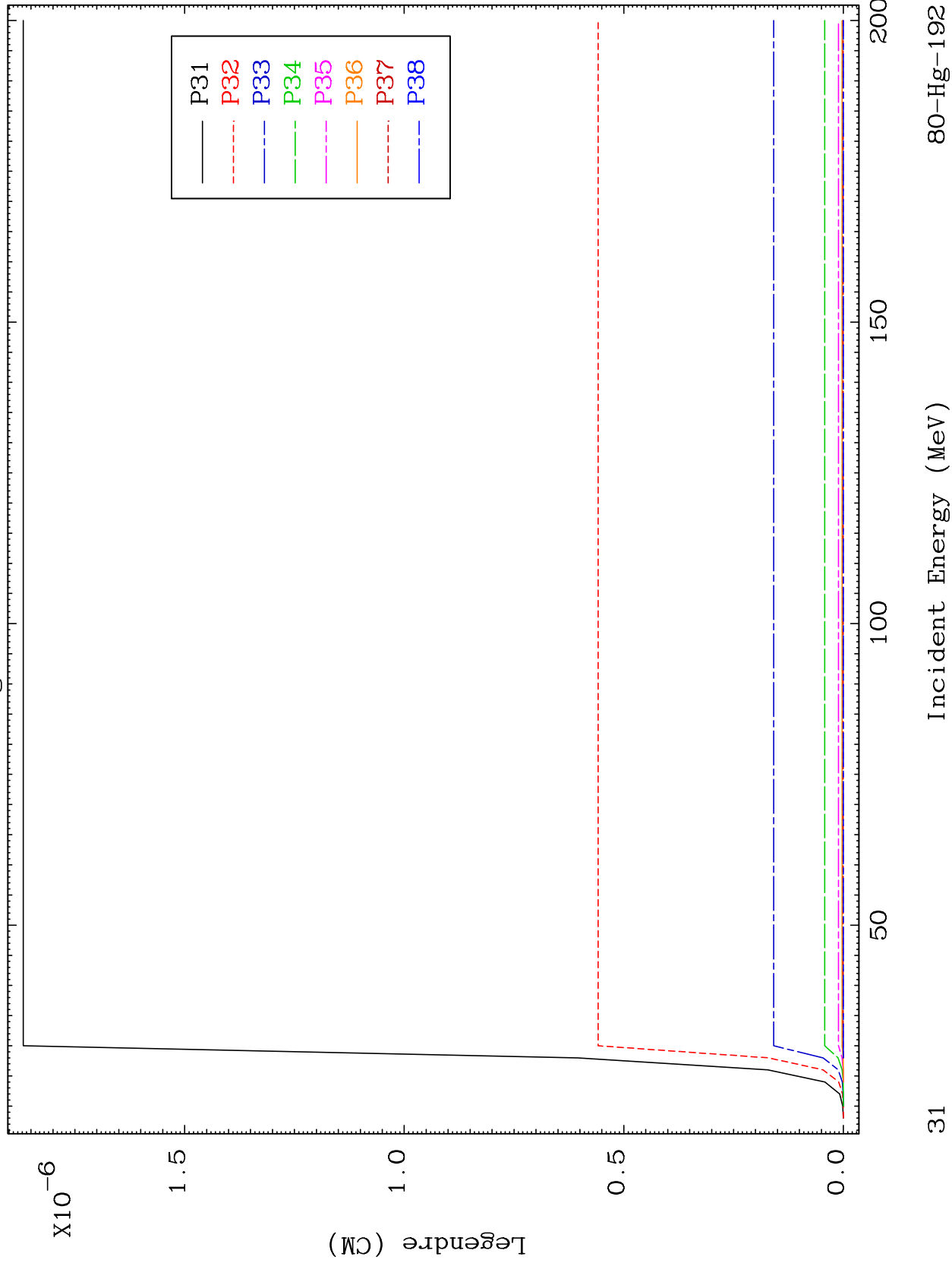
Incident Energy (MeV)

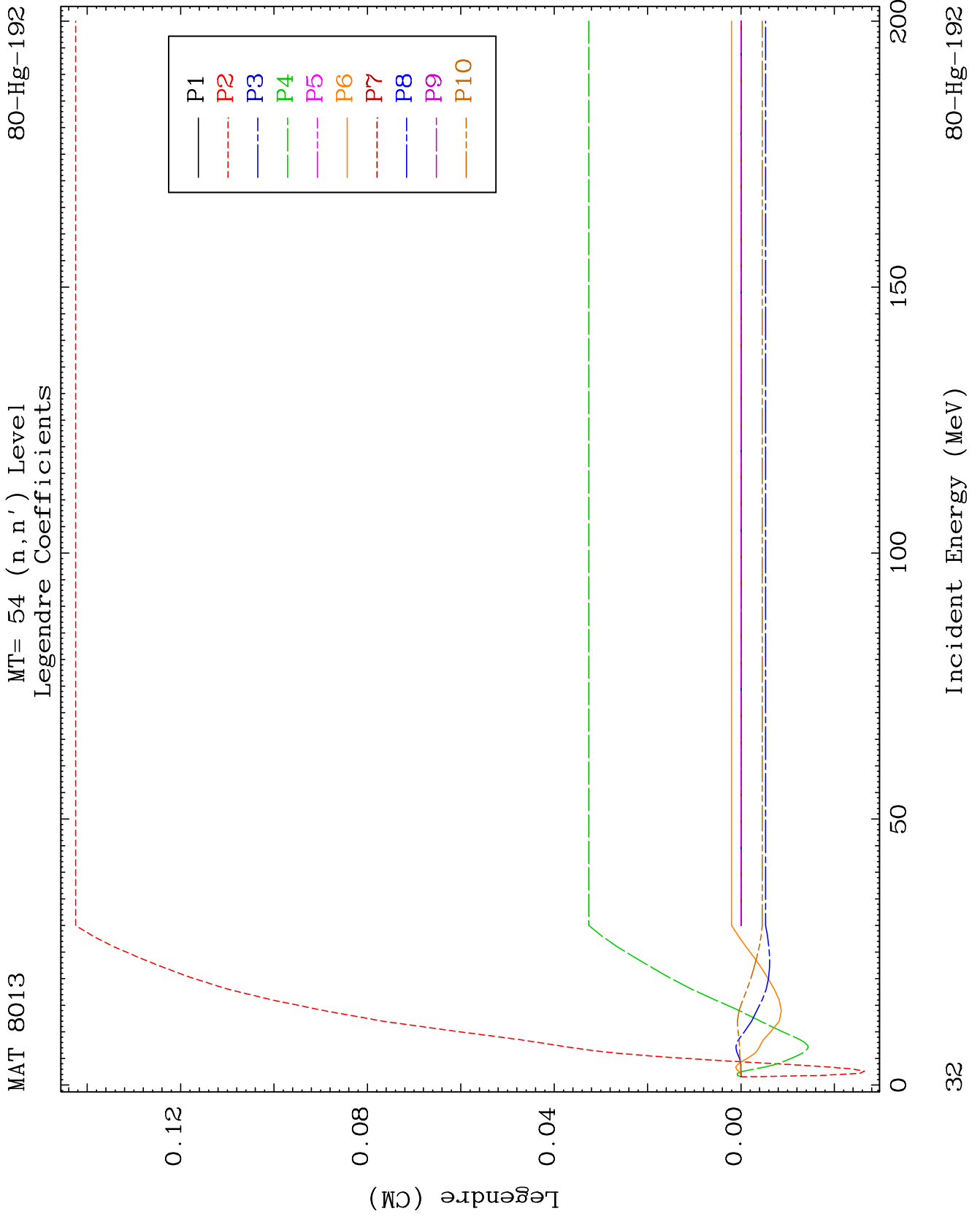
30

MAT 8013

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

80-Hg-192

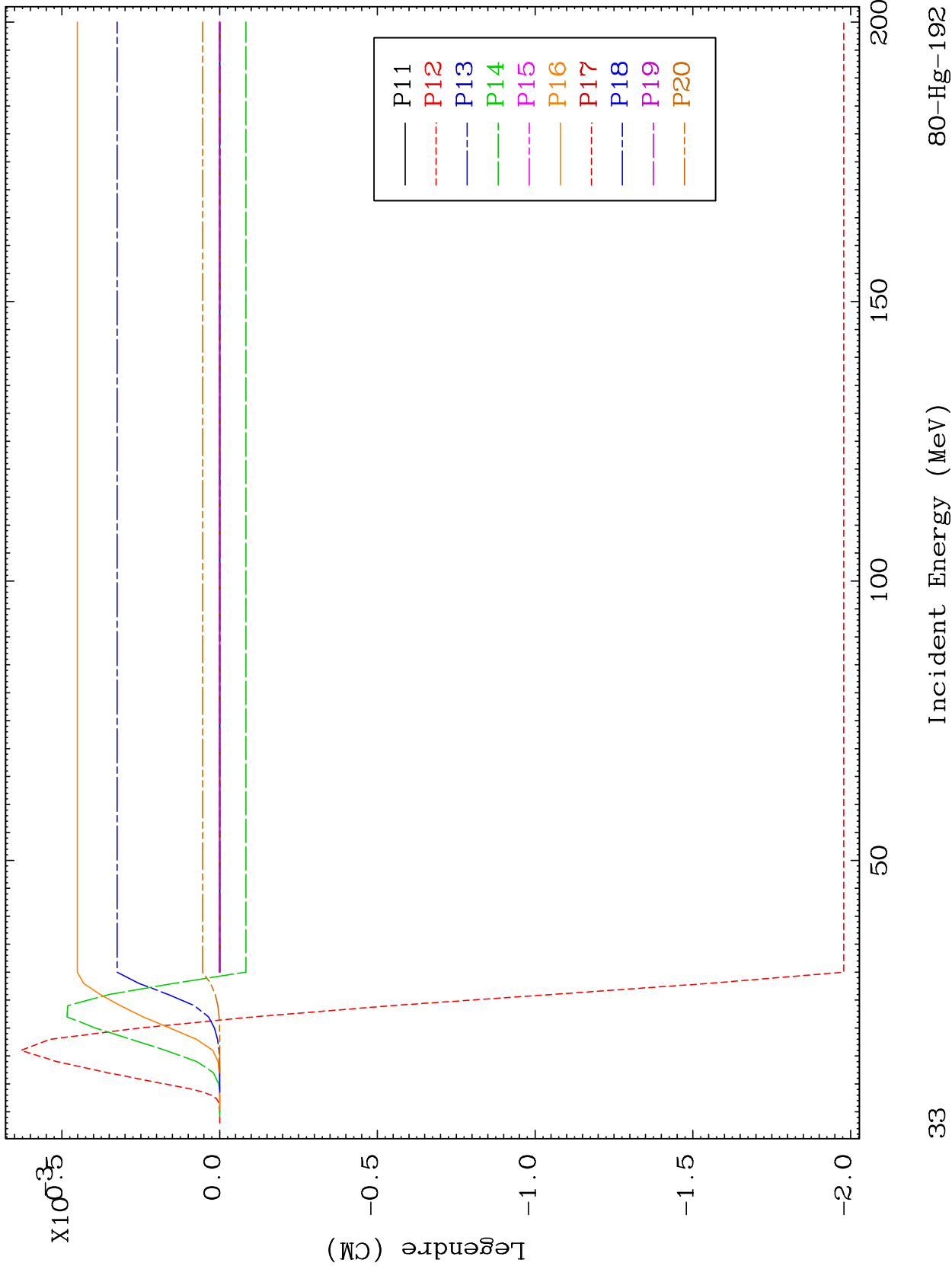


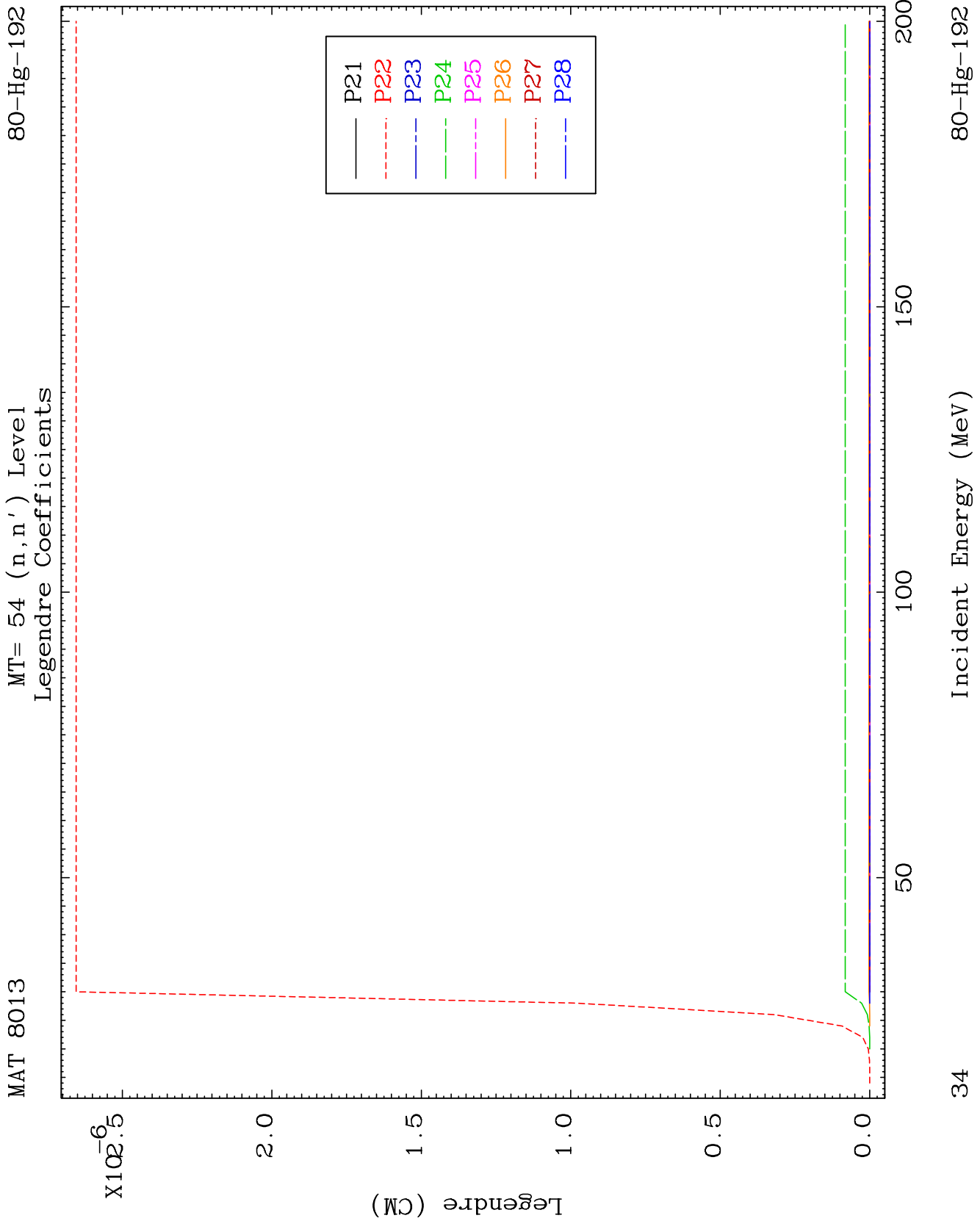


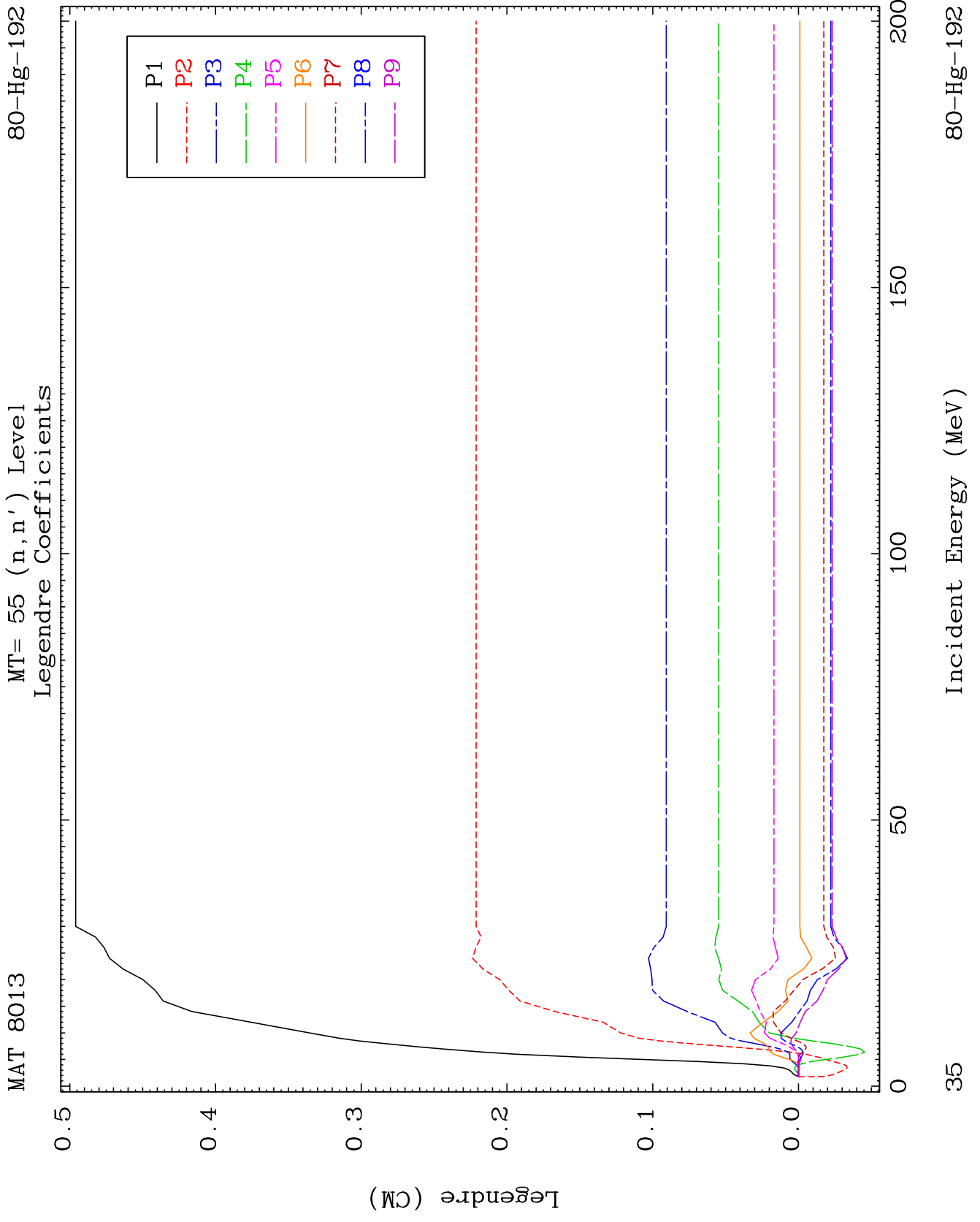
MAT 8013

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

80-Hg-192



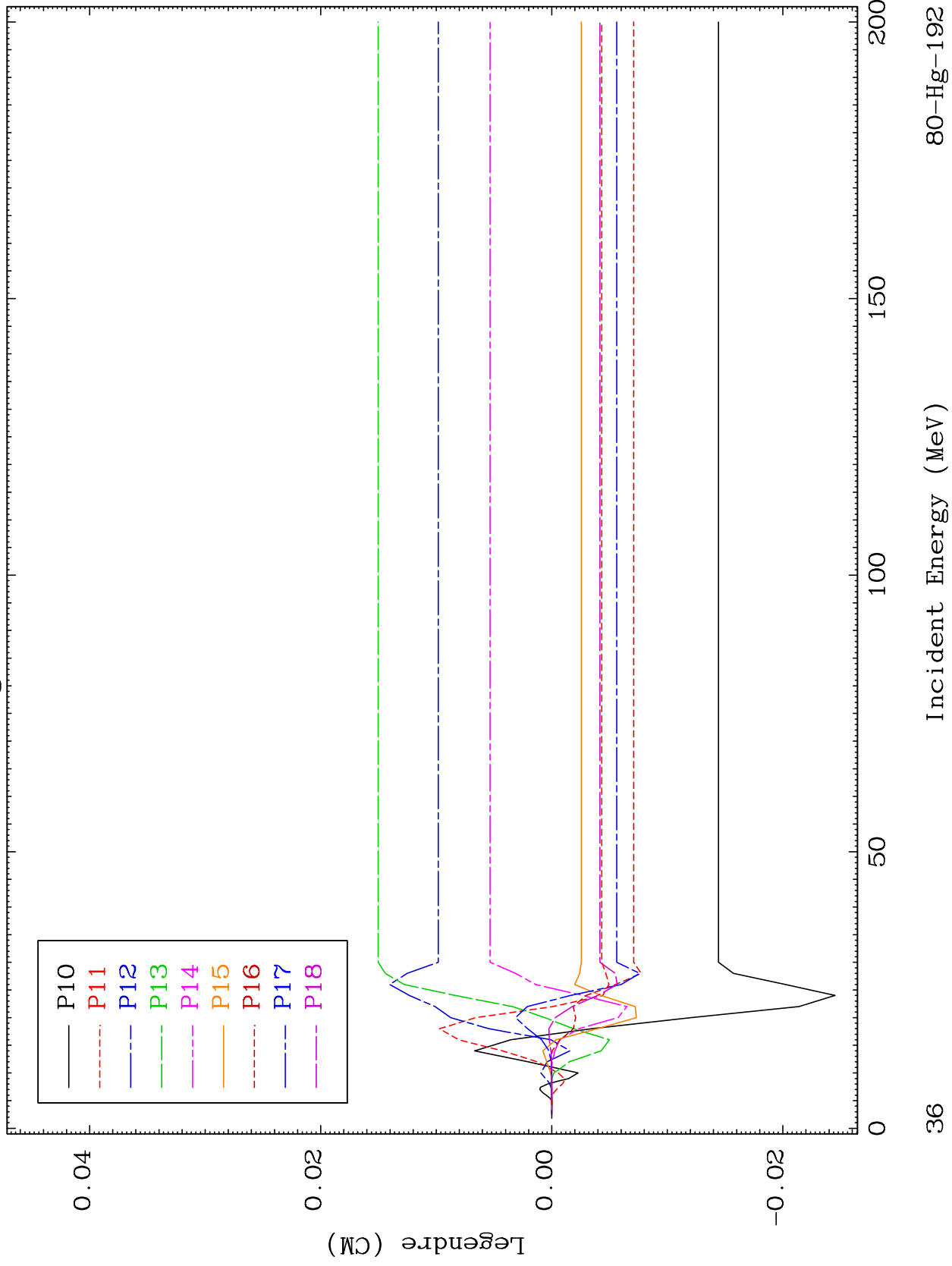




MAT 8013

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

80-Hg-192



36

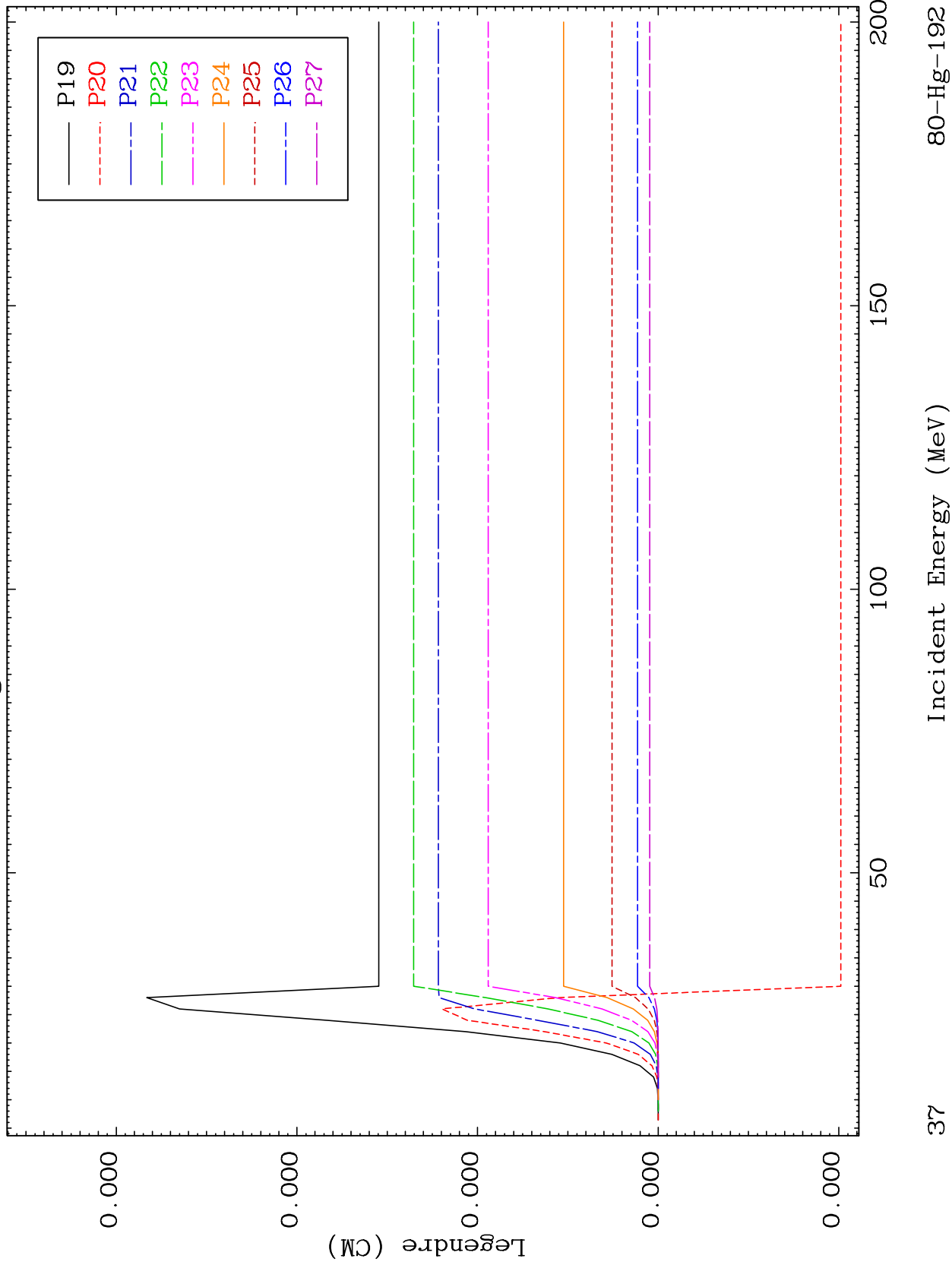
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



37

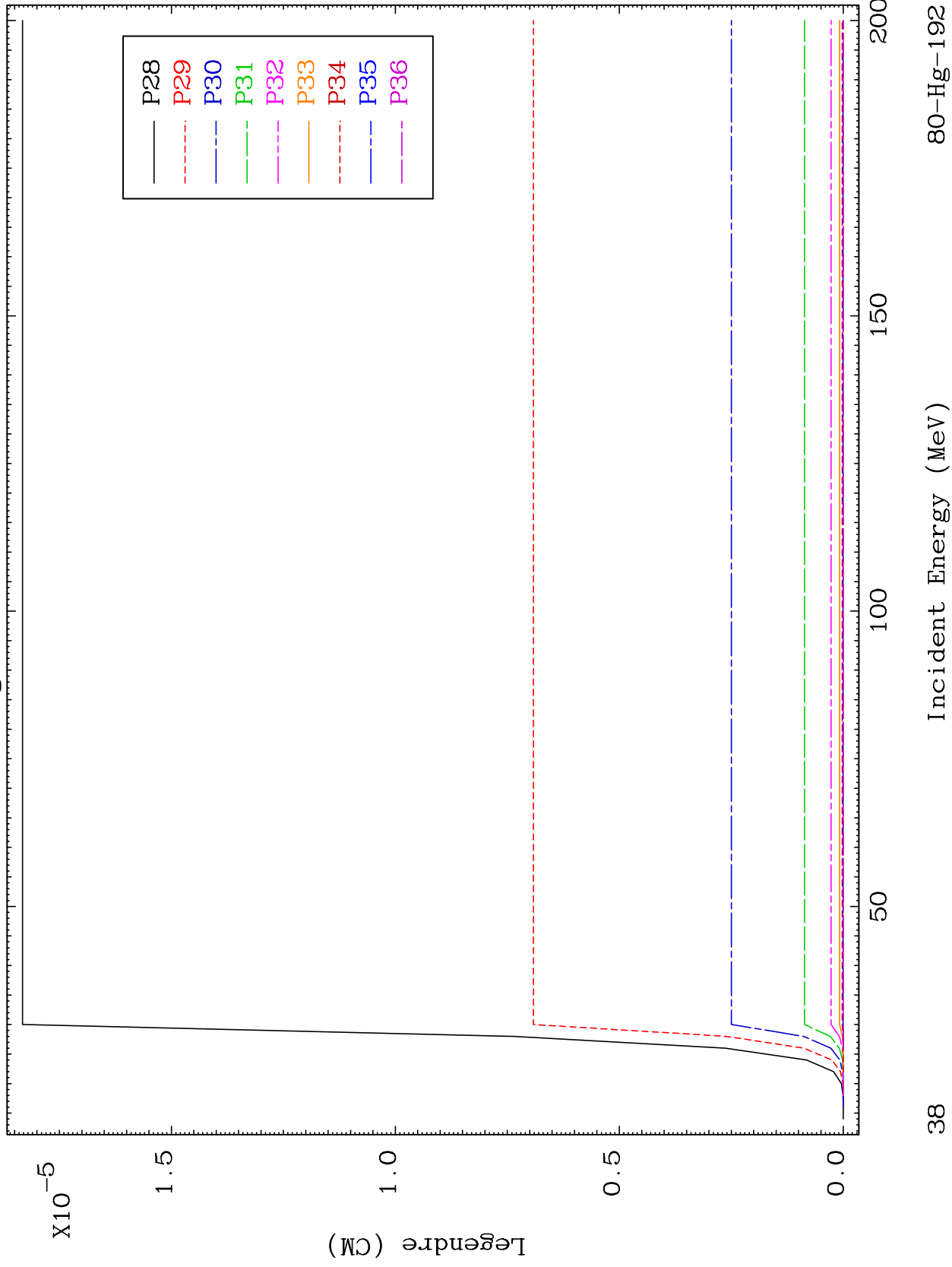
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

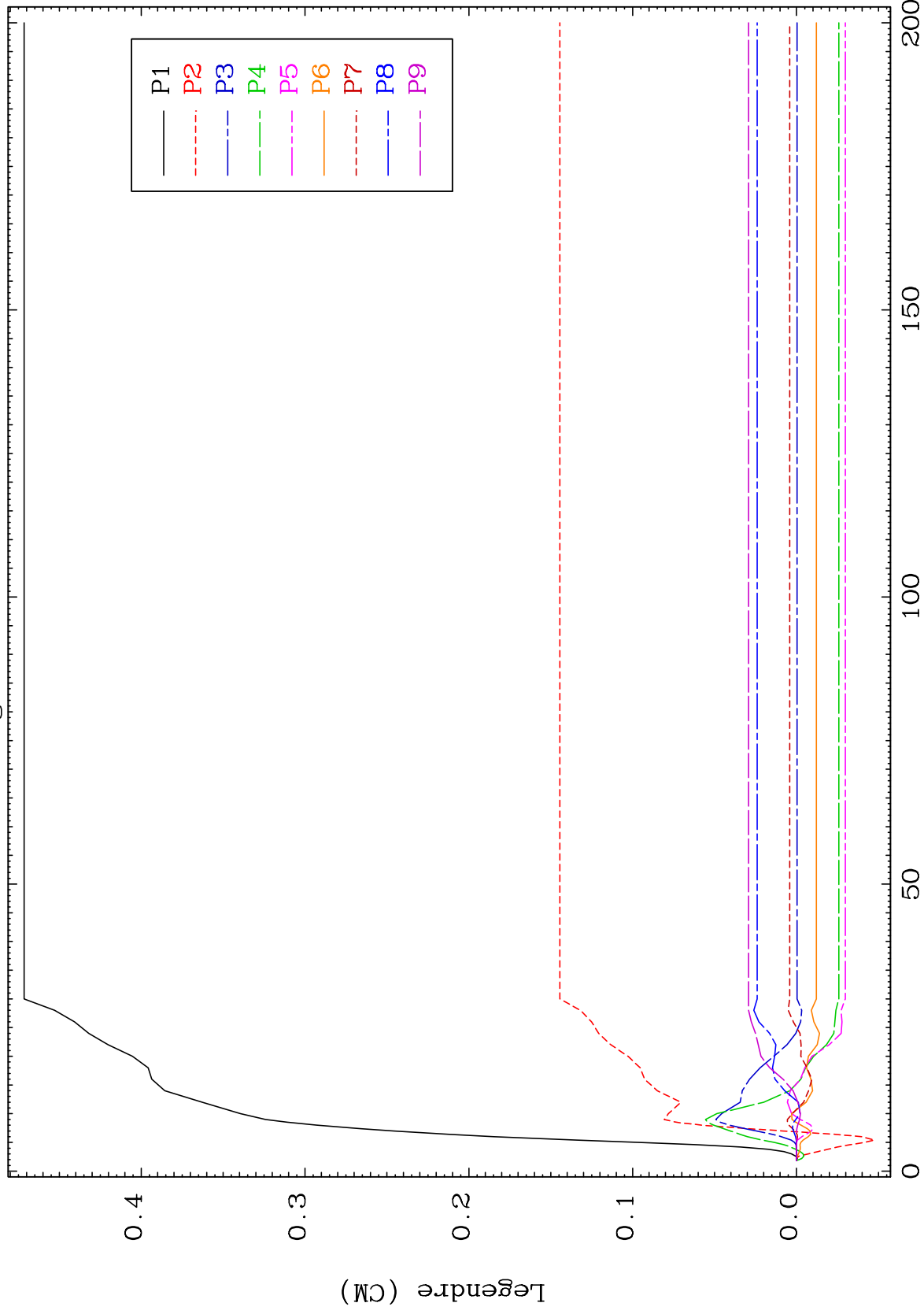
80-Hg-192



MAT 8013

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

80-Hg-192



39

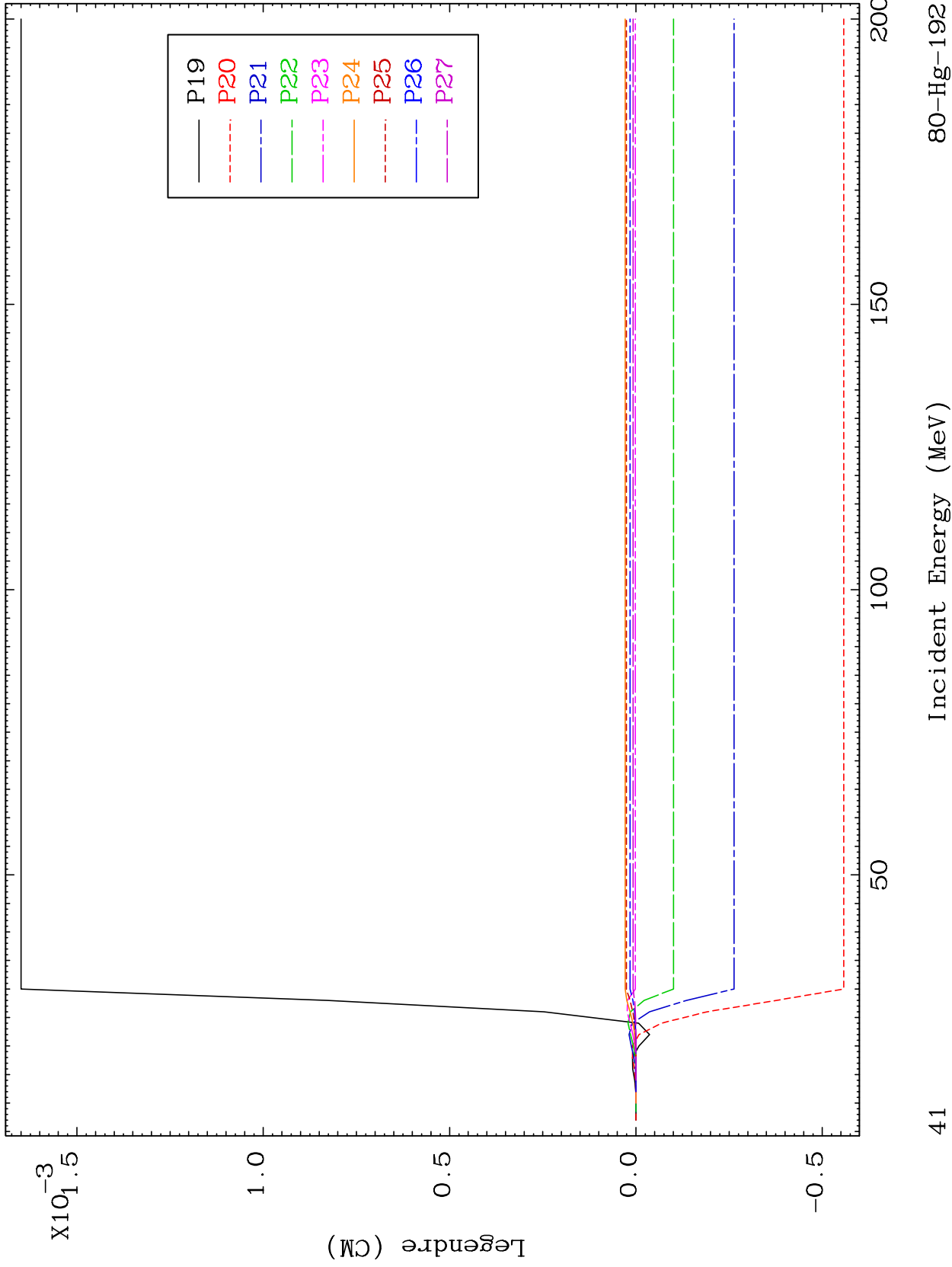
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



41

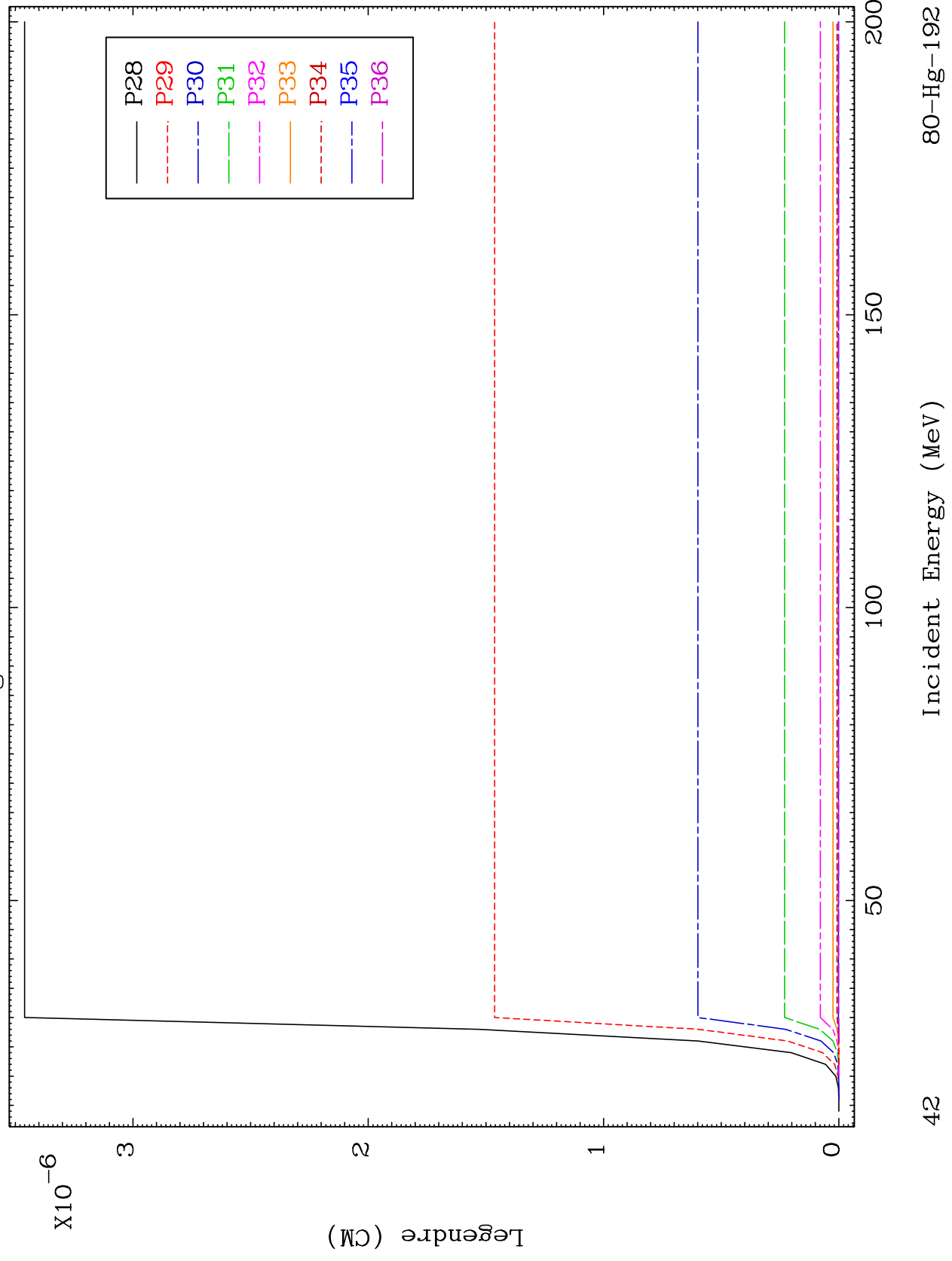
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



42

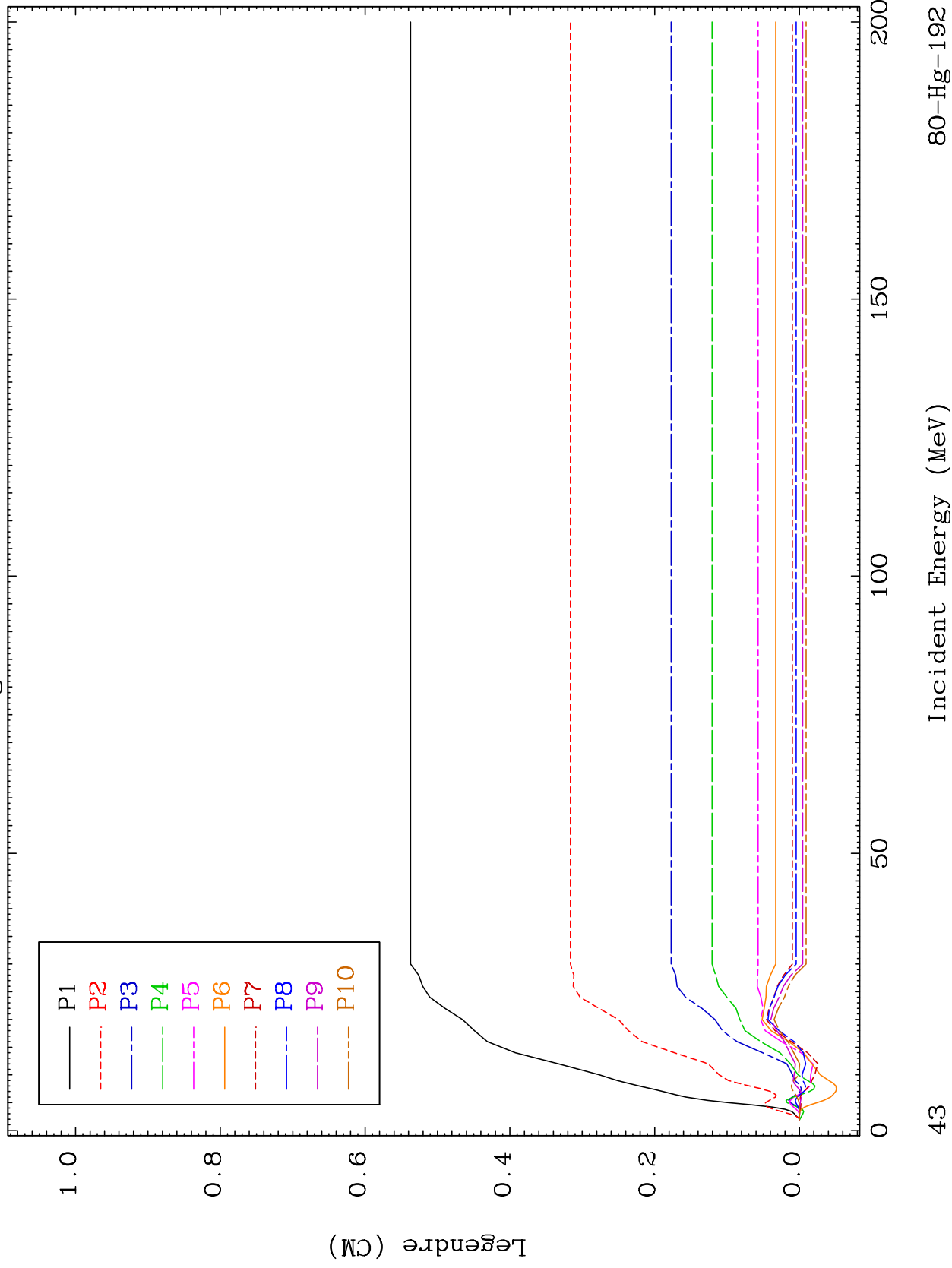
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



43

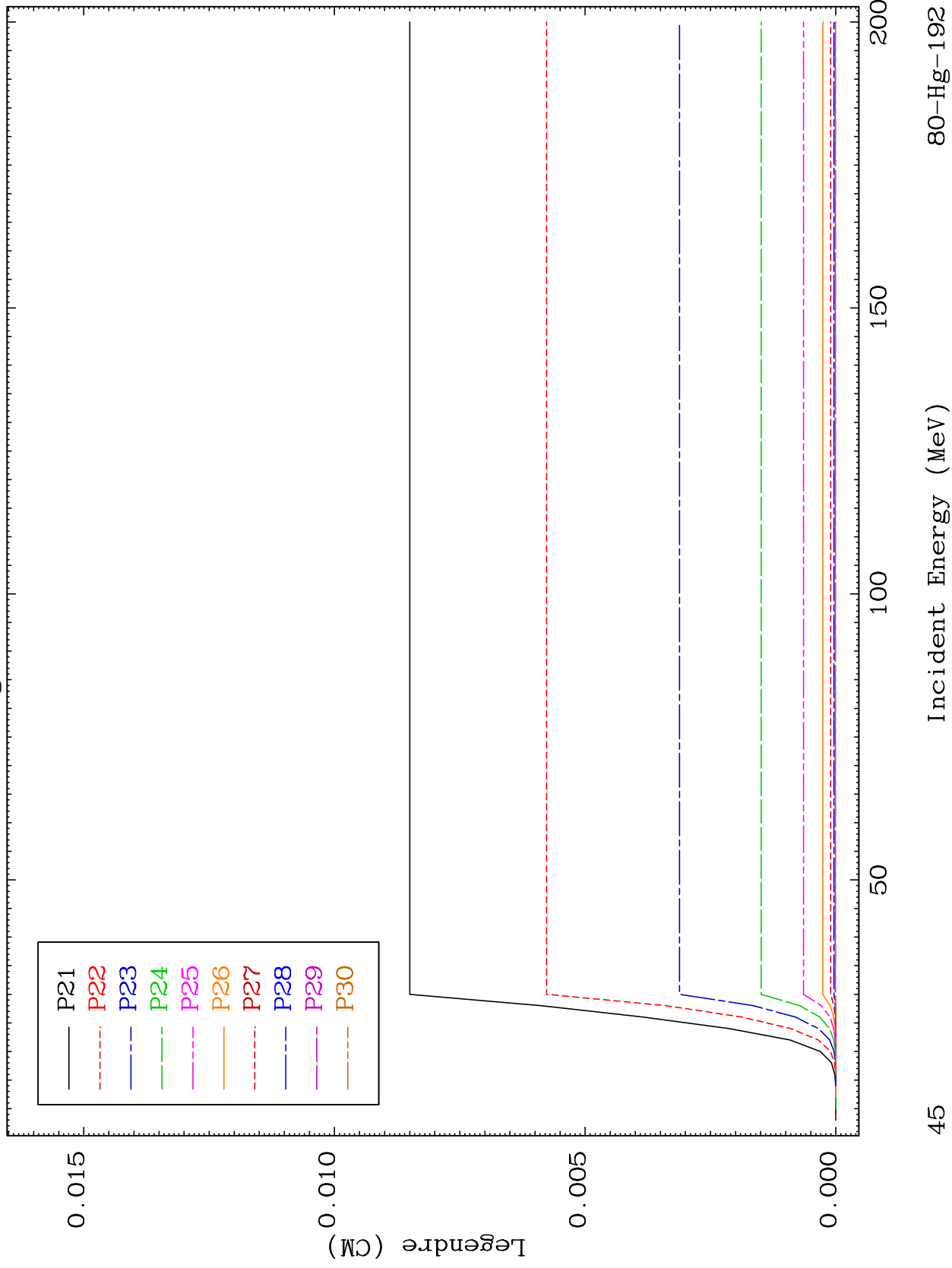
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



45

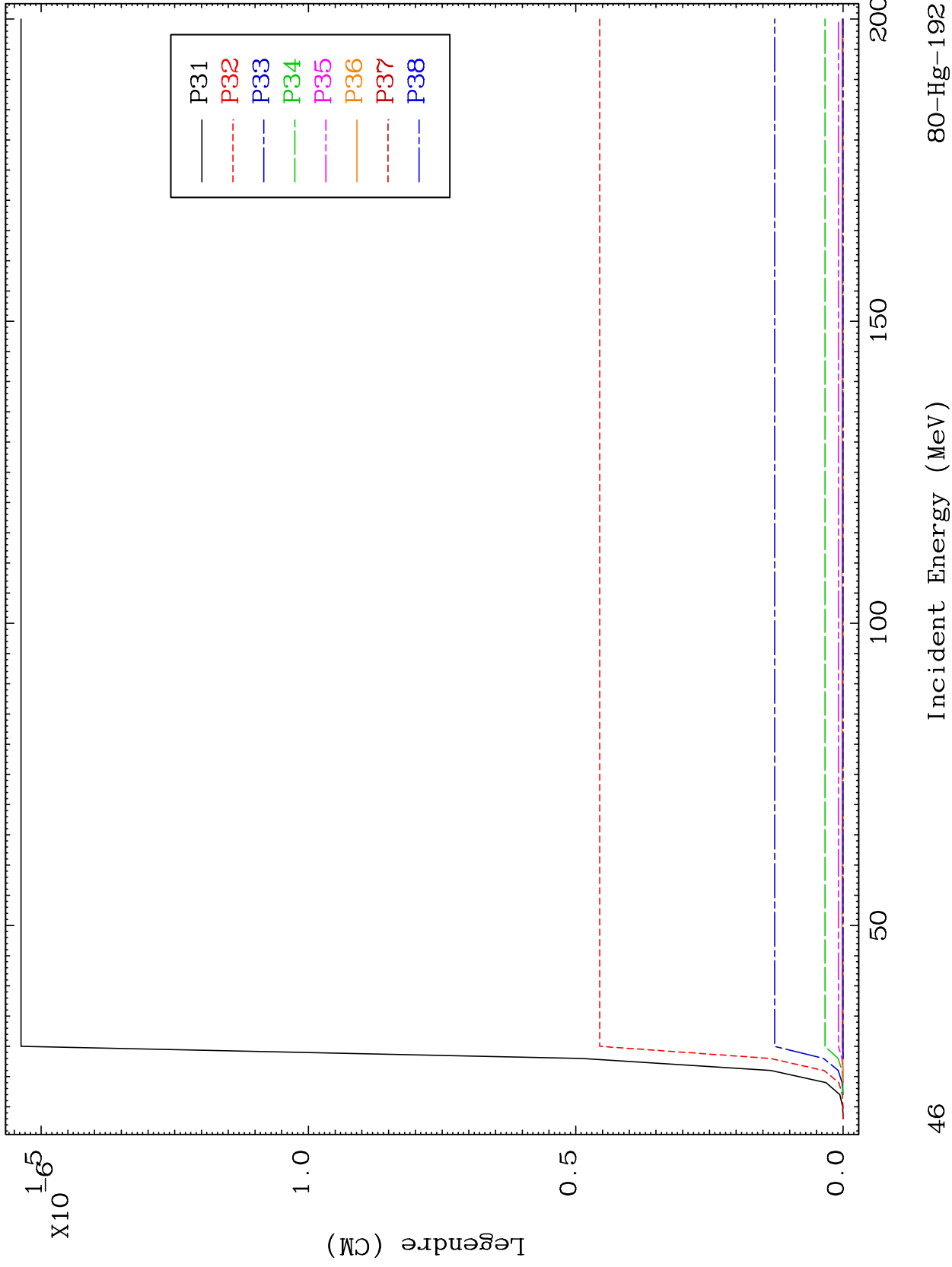
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

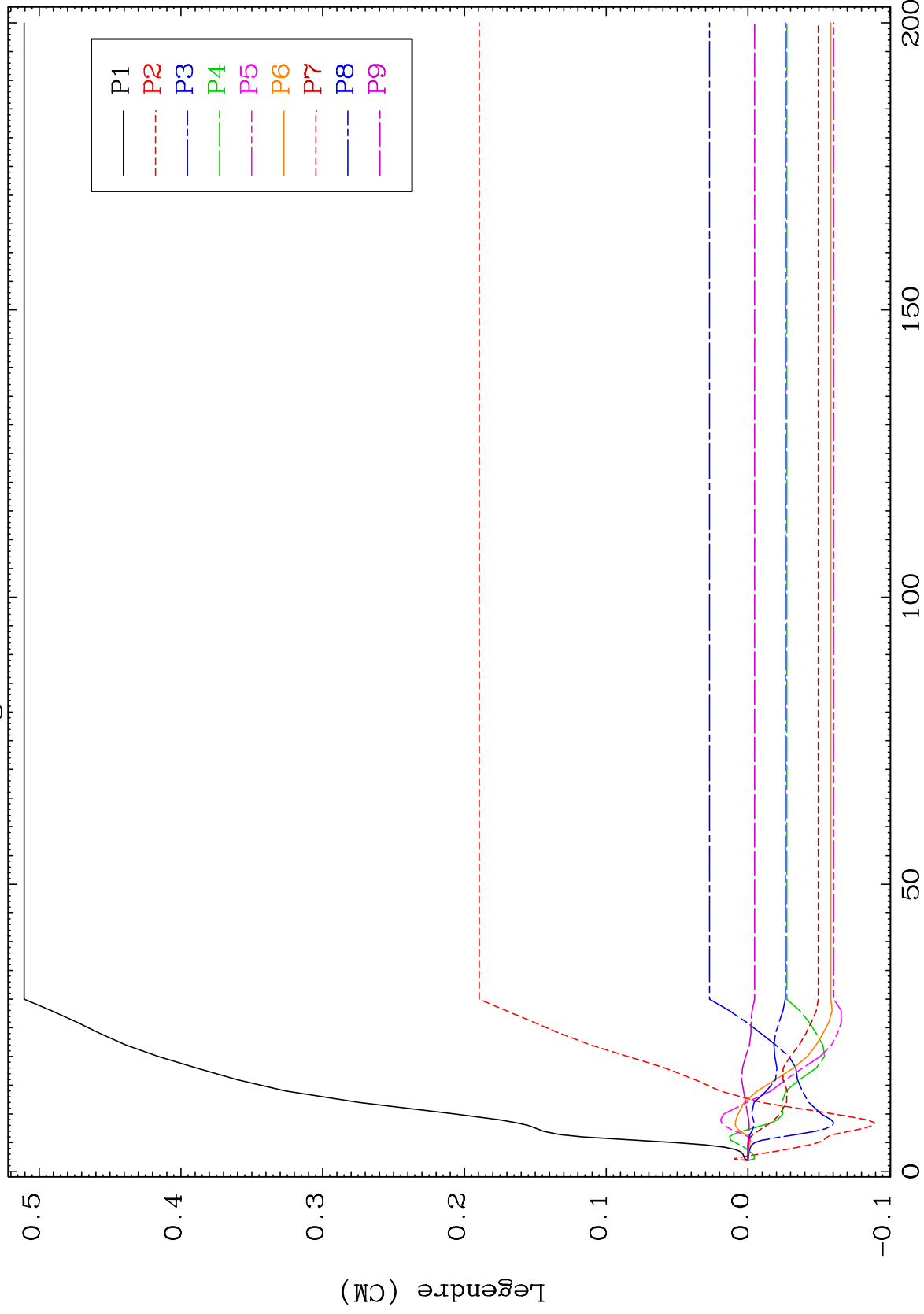
80-Hg-192



MAT 8013

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

80-Hg-192



47

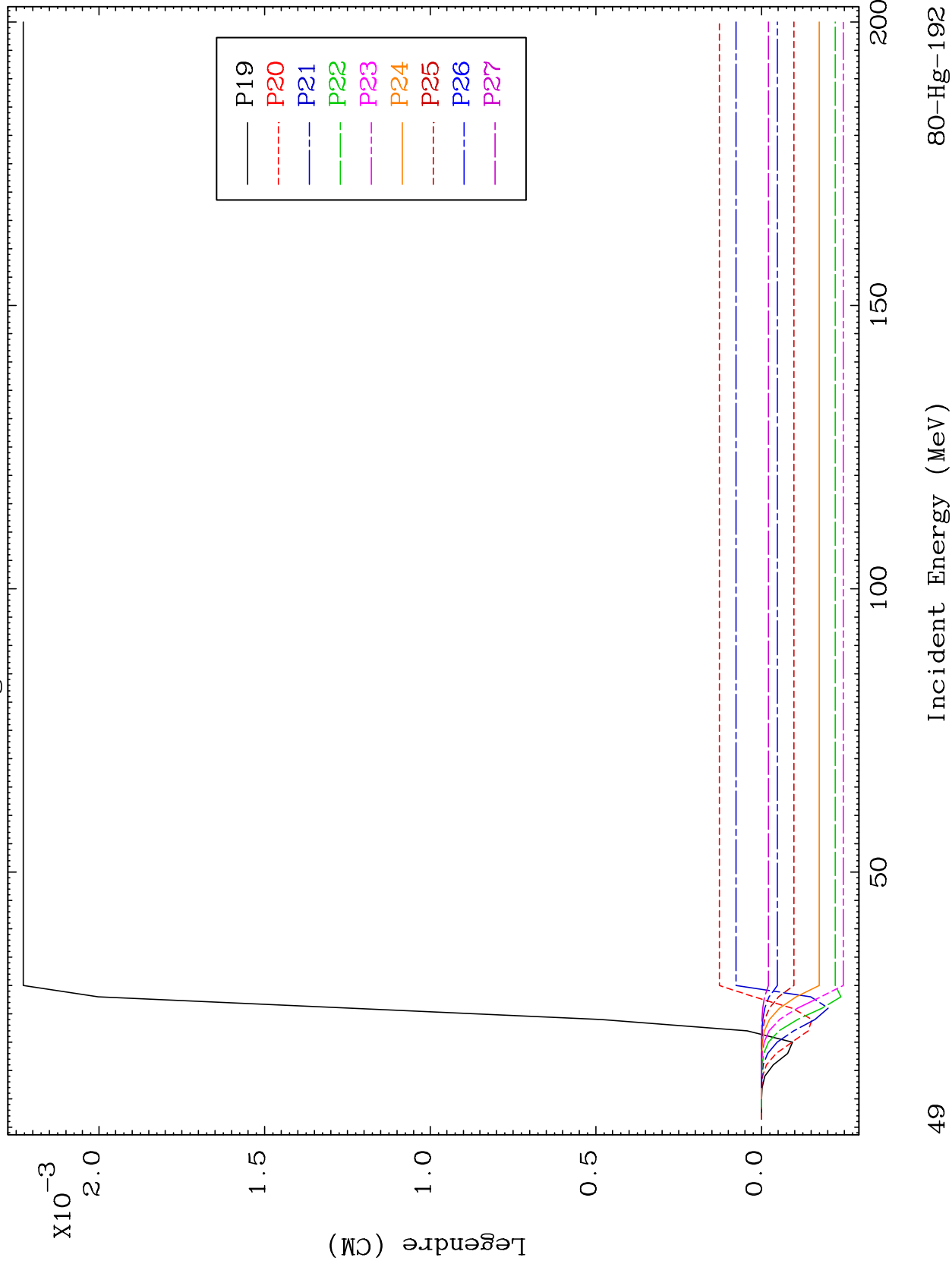
Incident Energy (MeV)

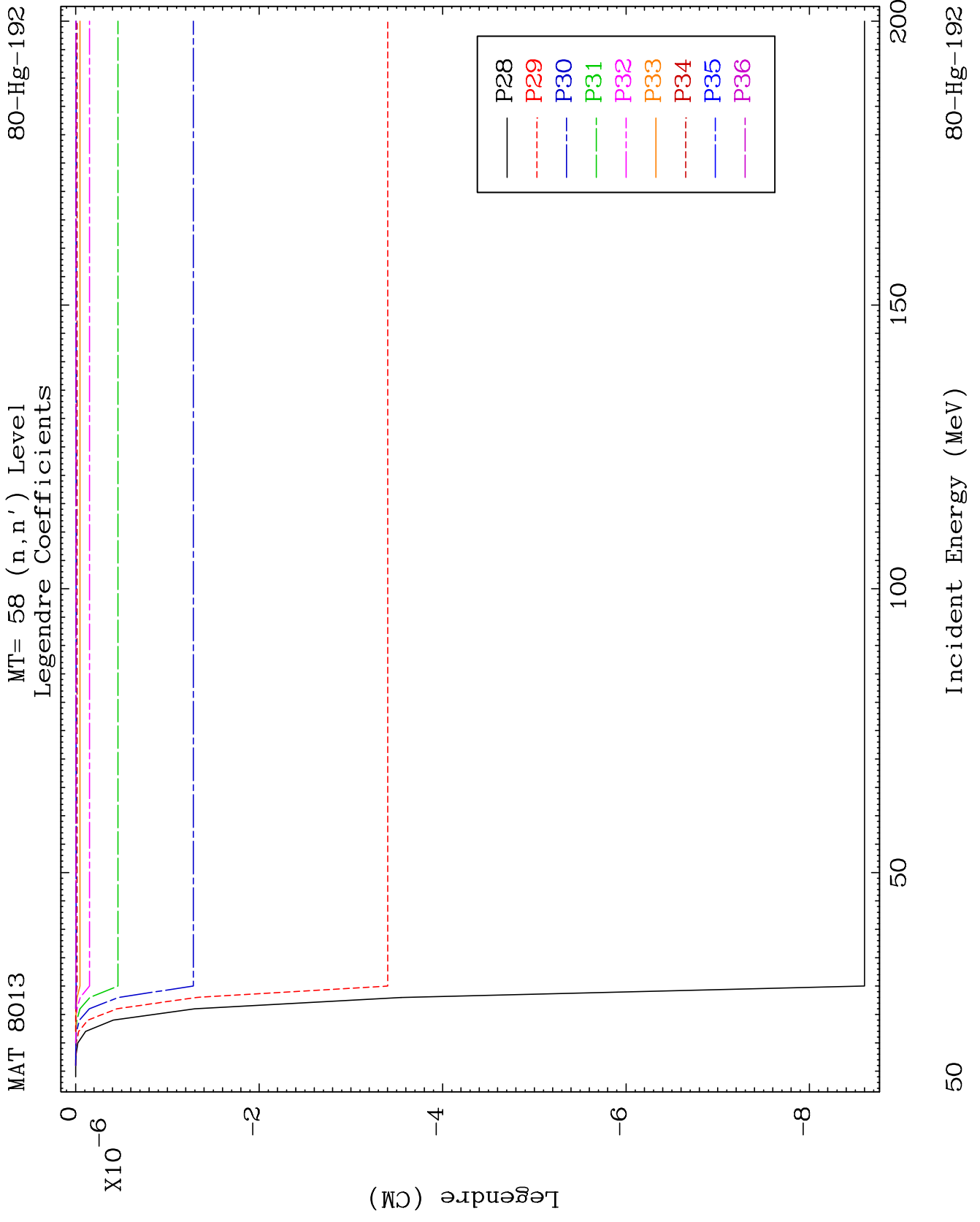
80-Hg-192

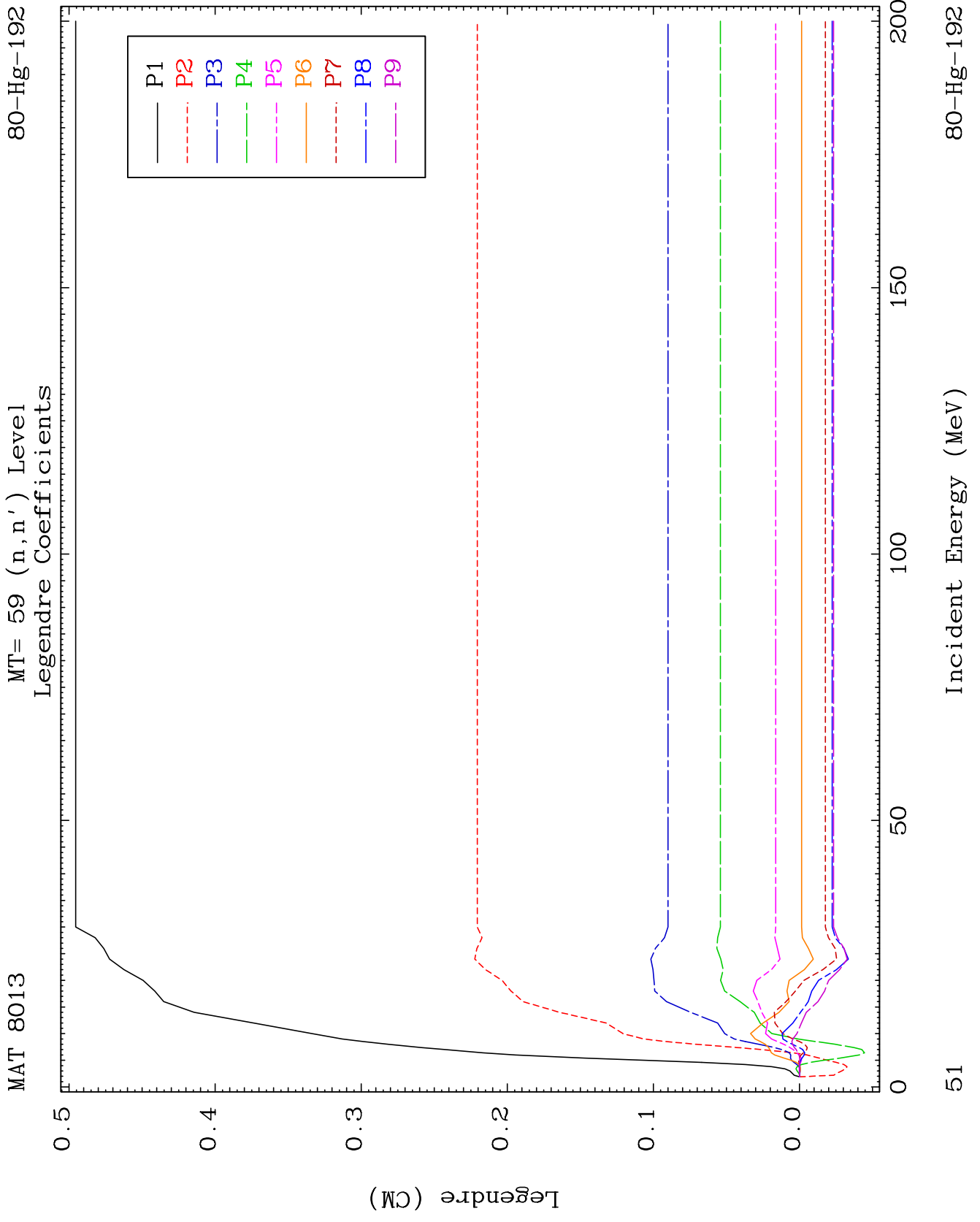
MAT 8013

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

80-Hg-192



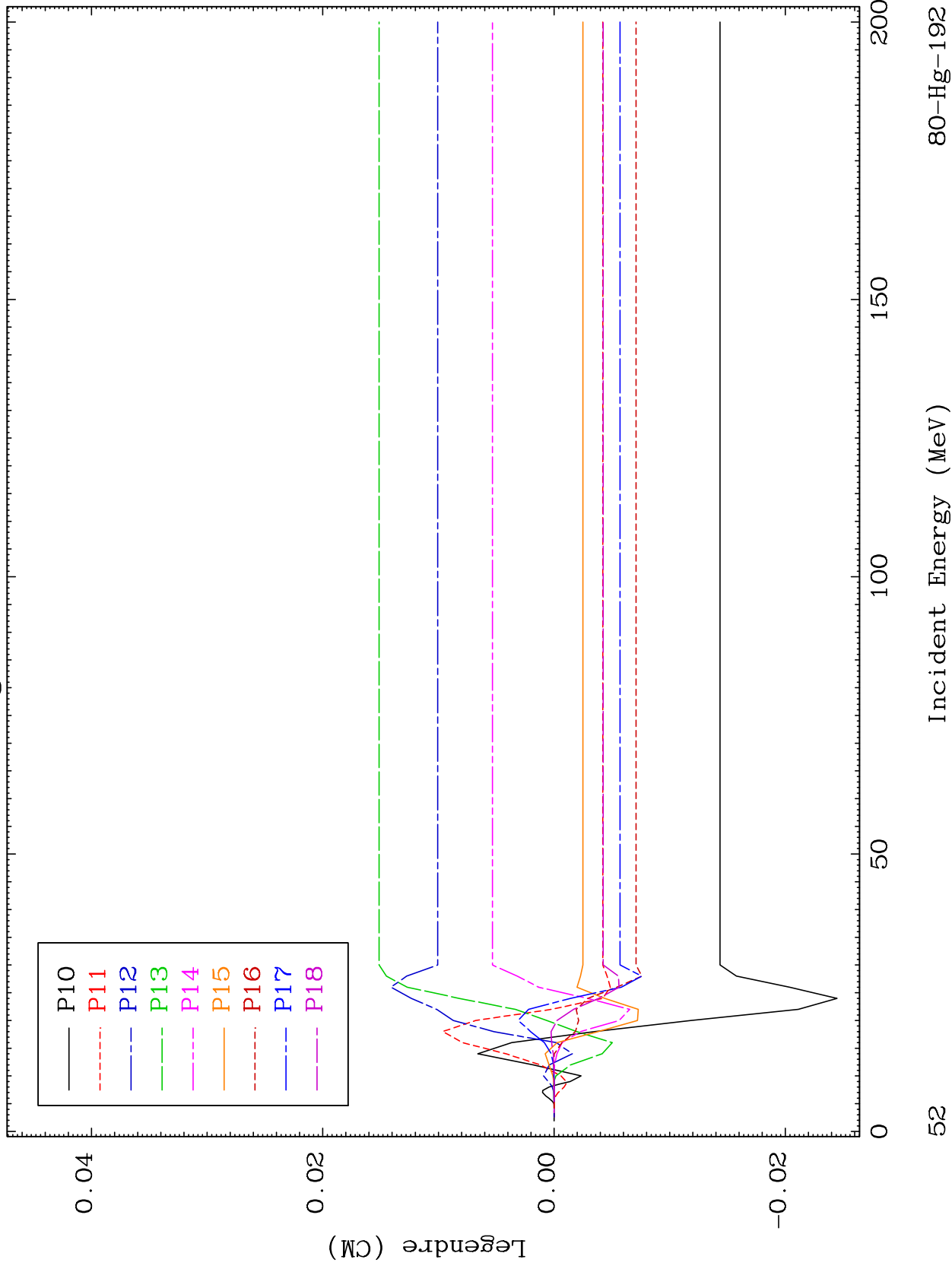




MAT 8013

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

80-Hg-192



80-Hg-192

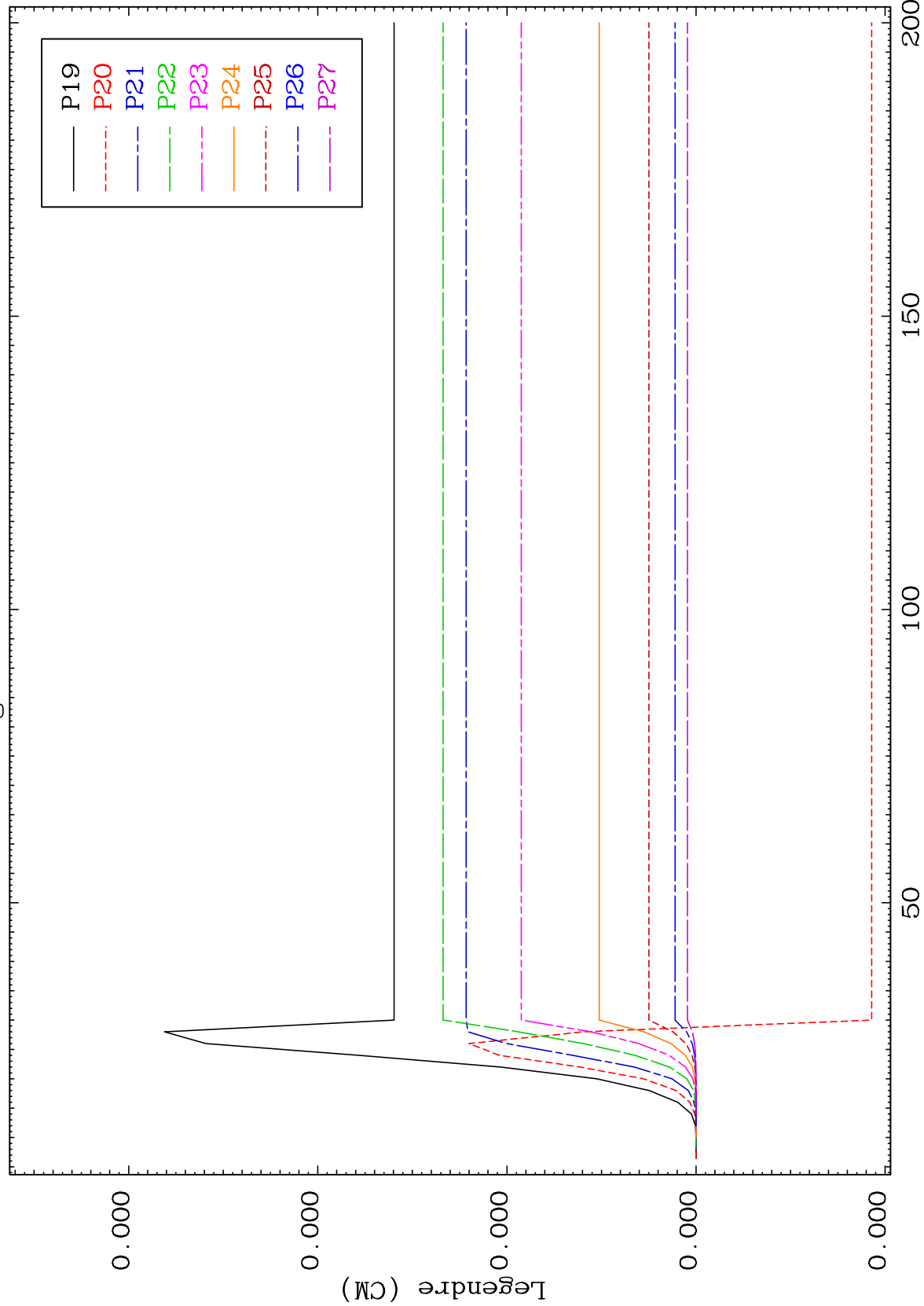
Incident Energy (MeV)

52

MAT 8013

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

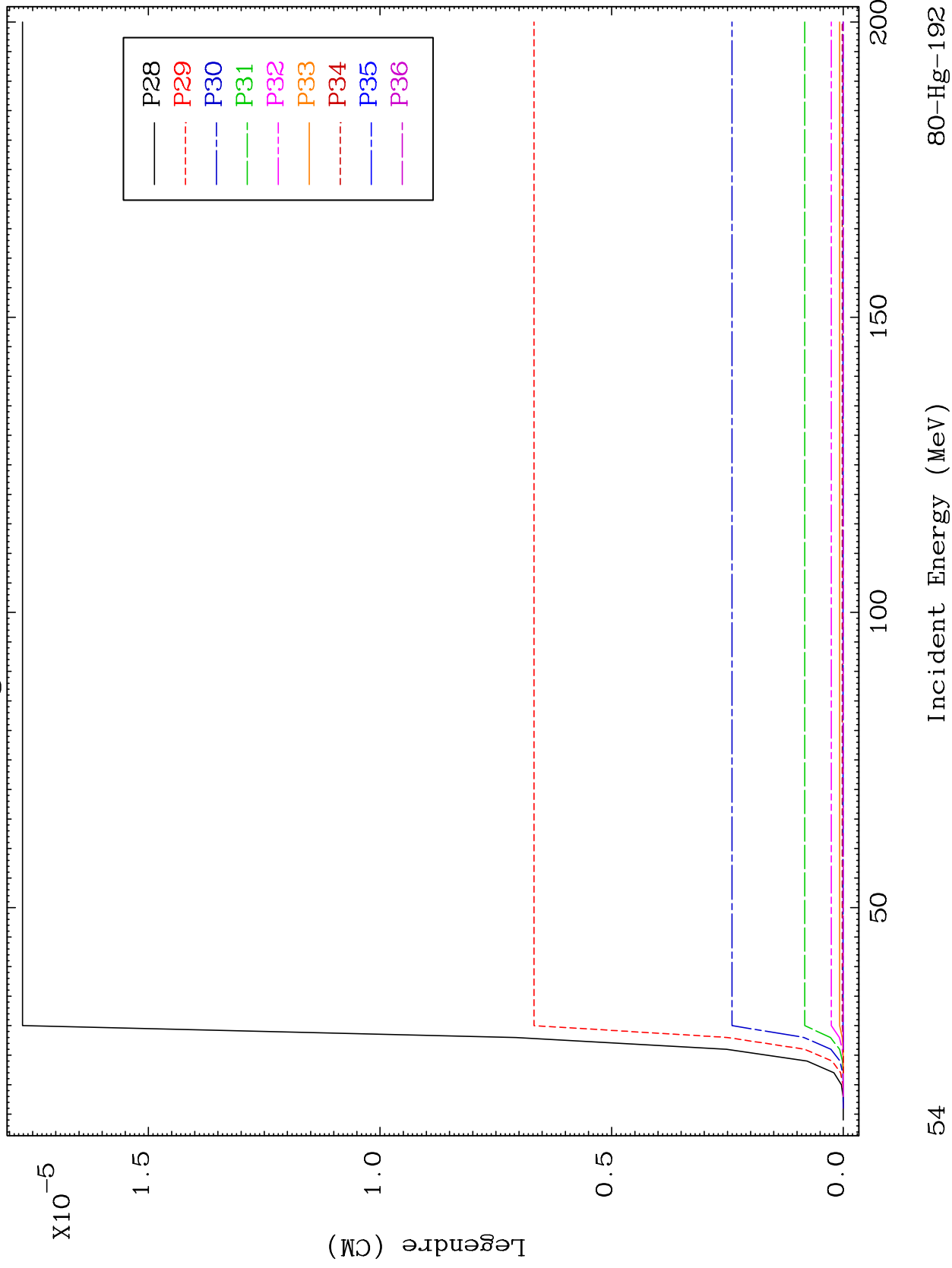
80-Hg-192



MAT 8013

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

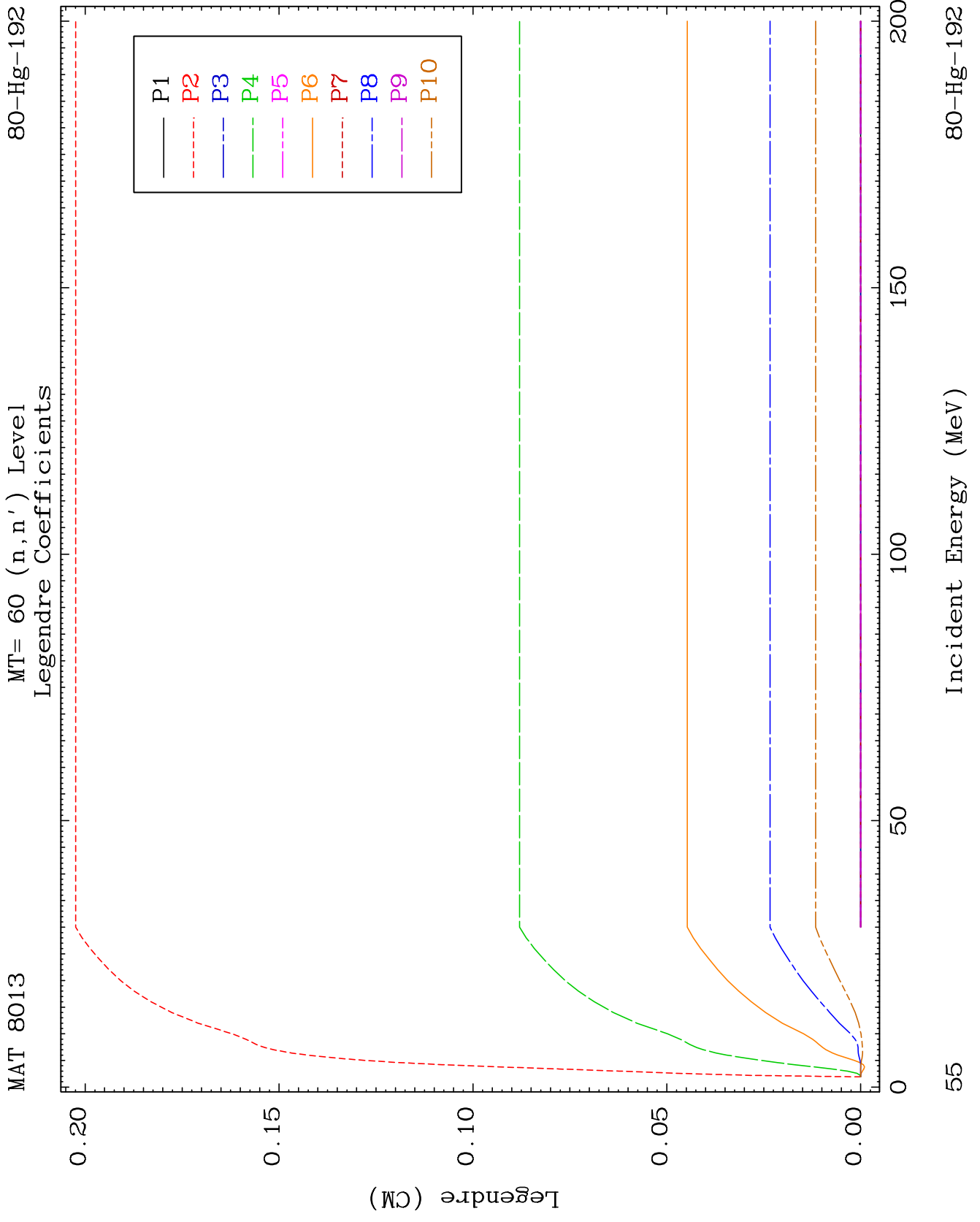
80-Hg-192

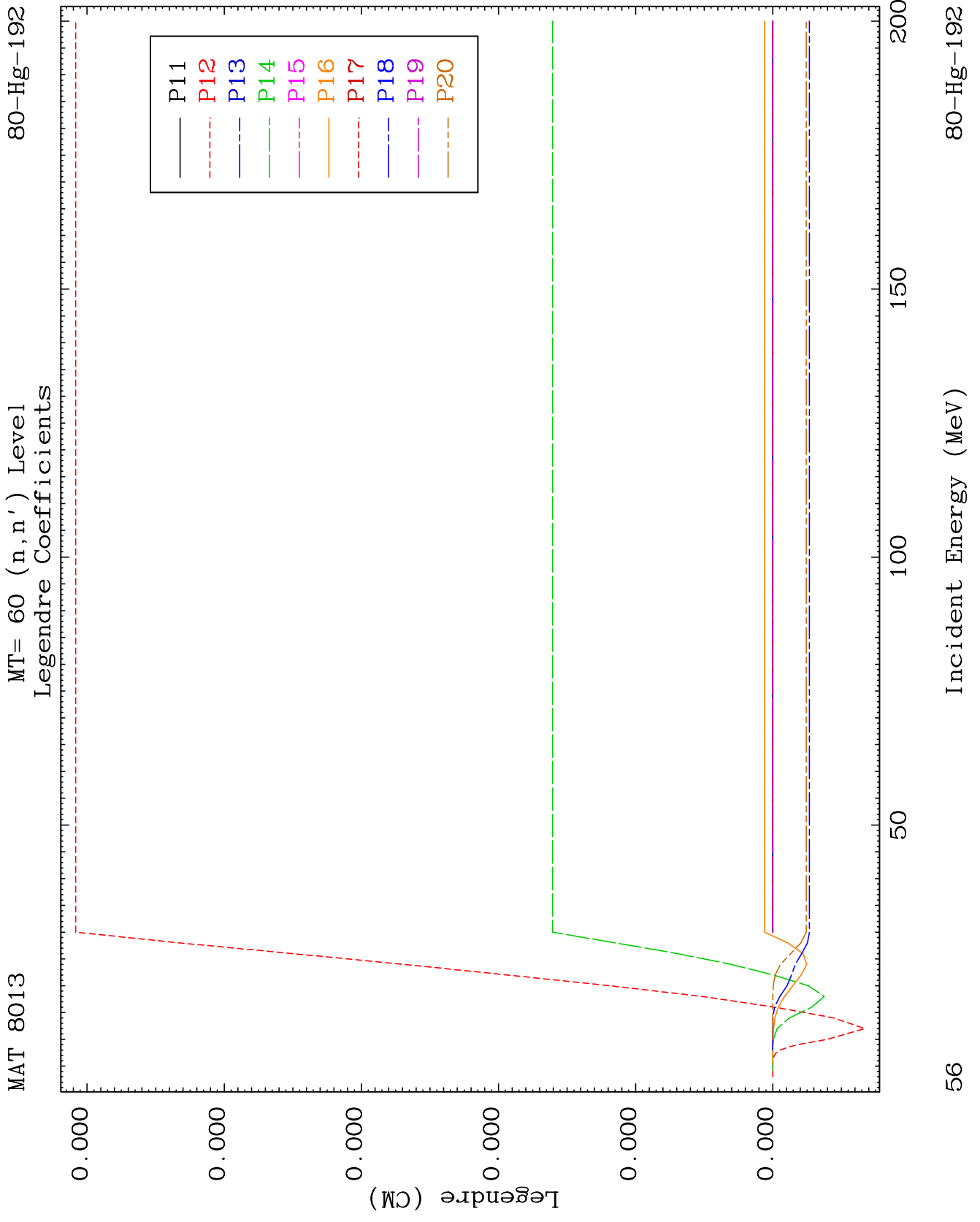


54

Incident Energy (MeV)

80-Hg-192

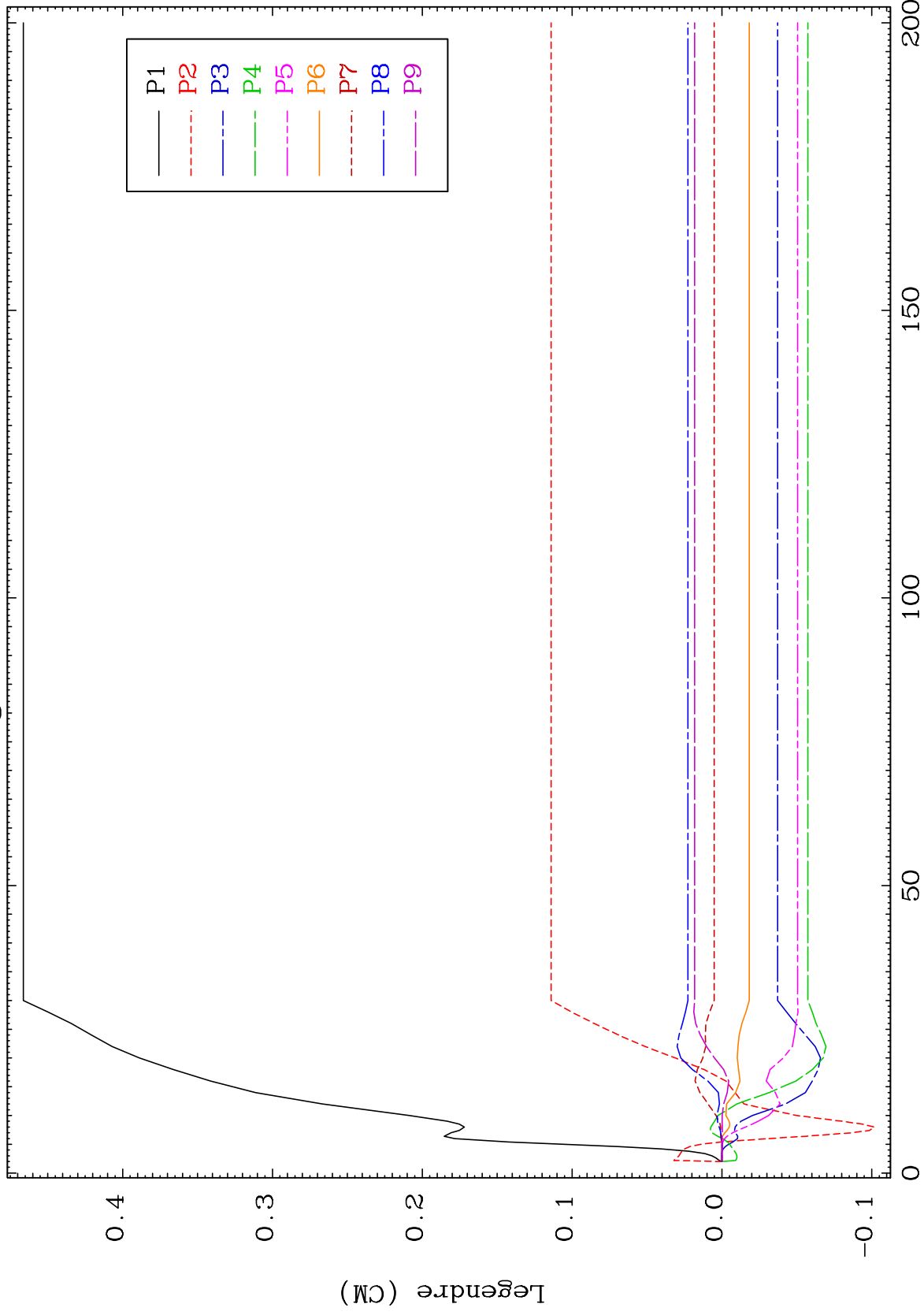




MAT 8013

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

80-Hg-192



58

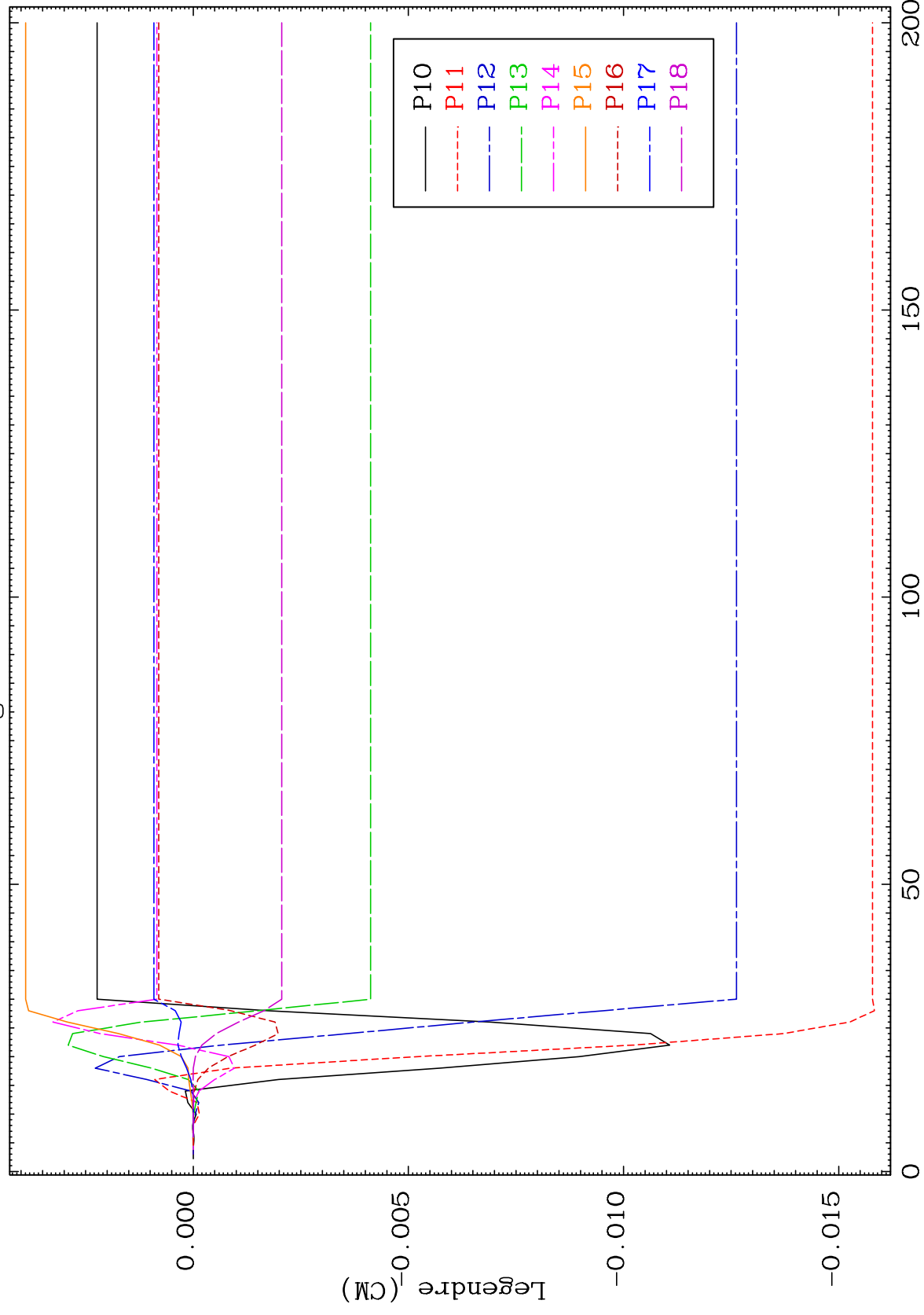
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



59

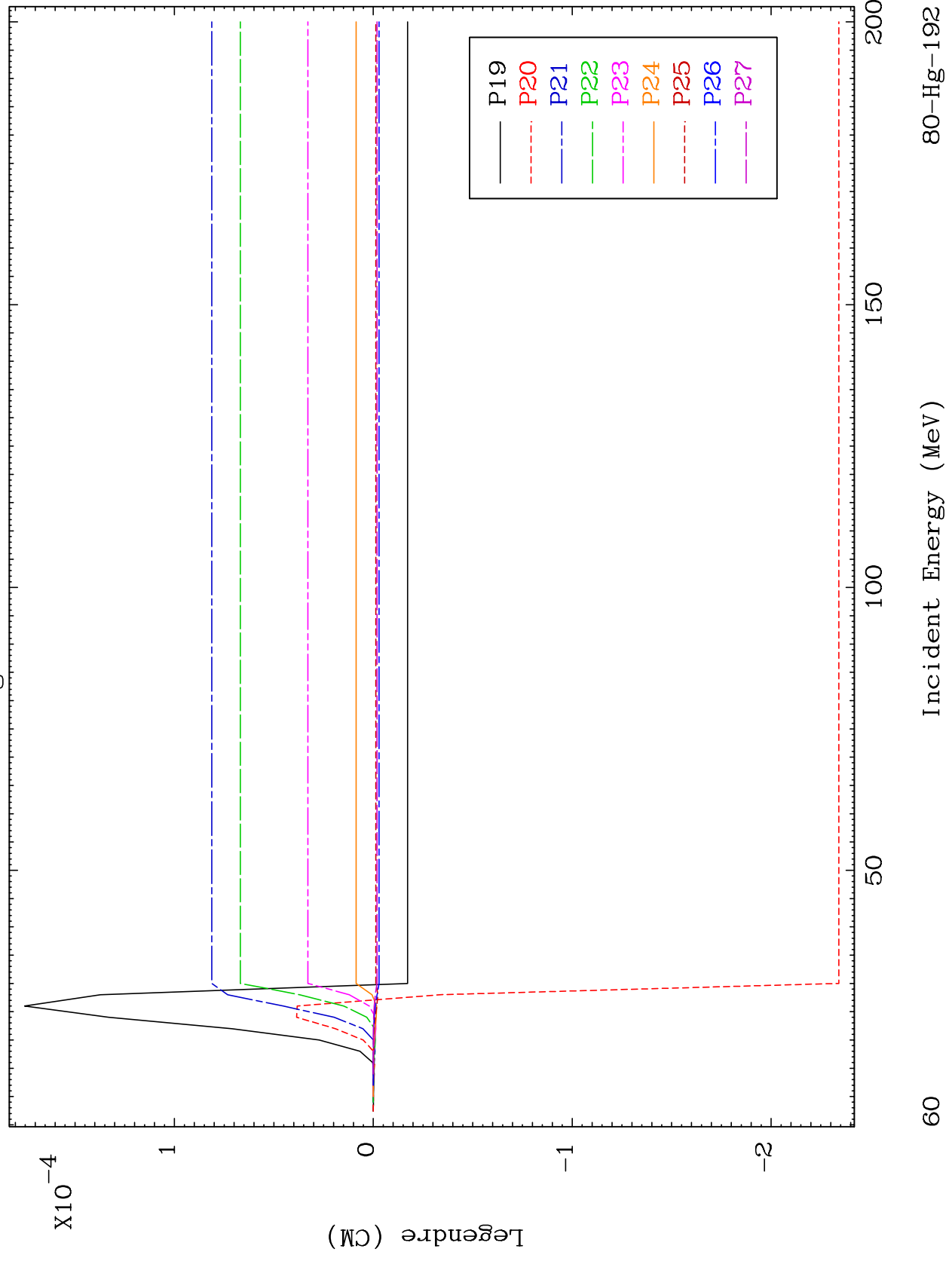
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



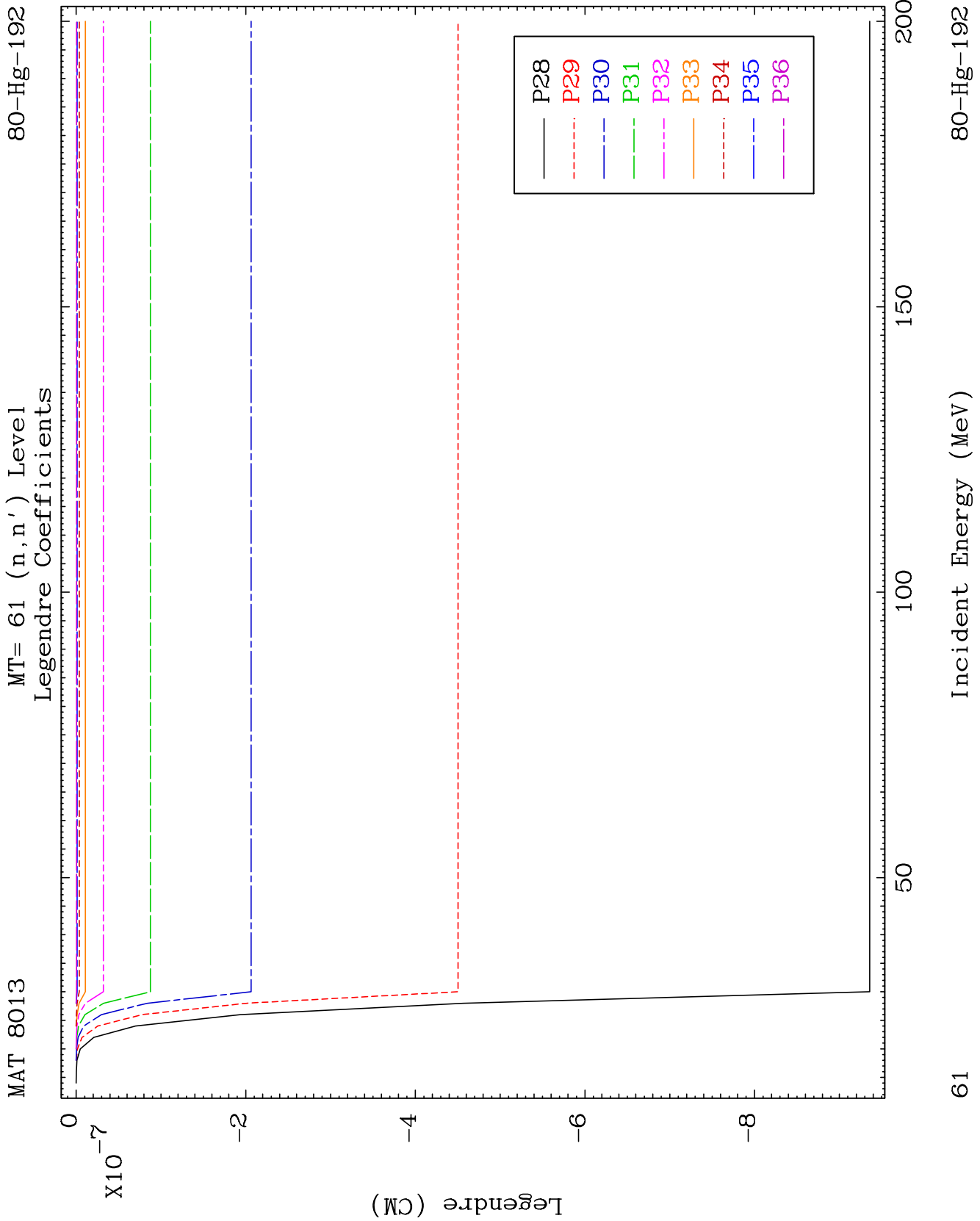
60

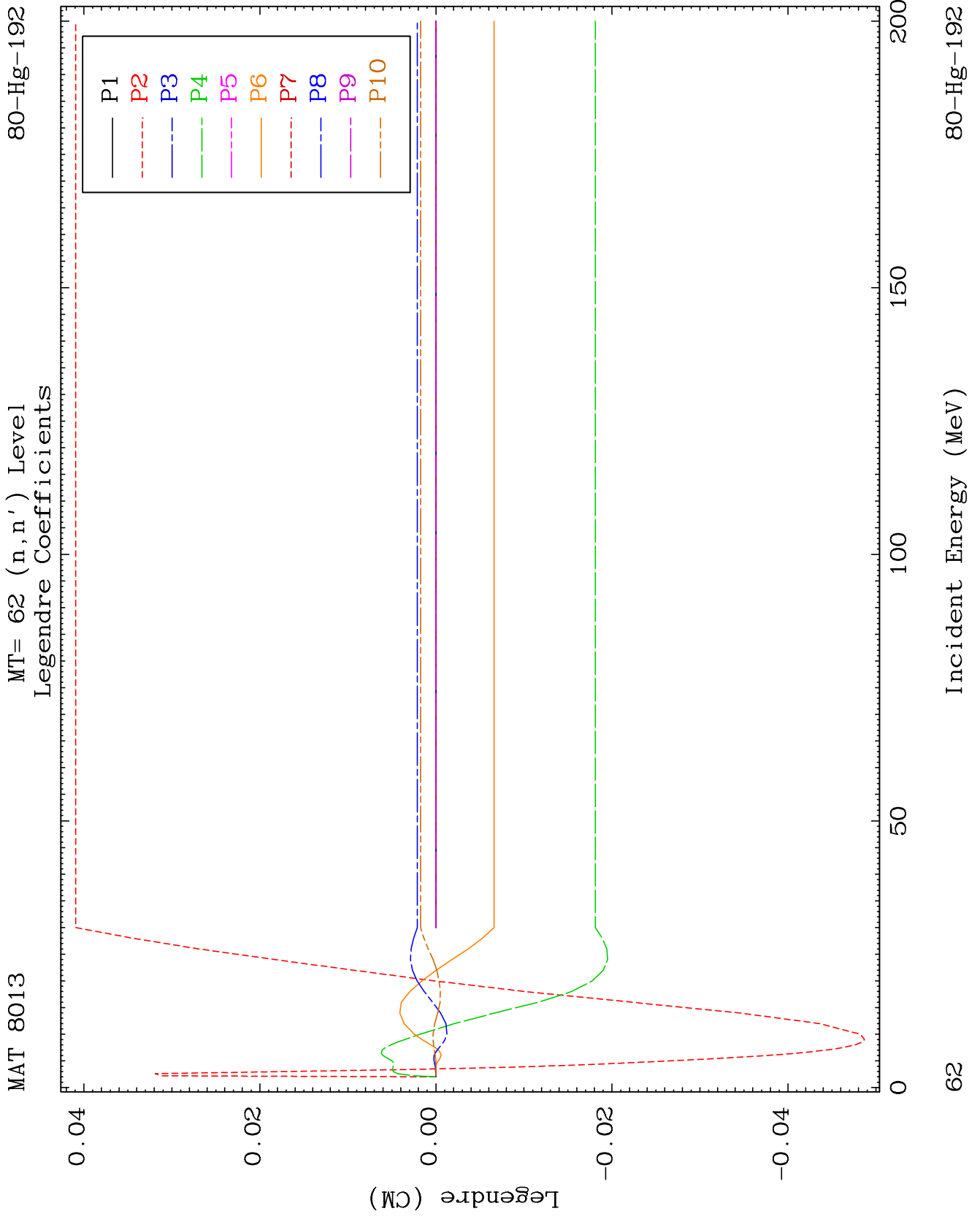
50

100

150

200

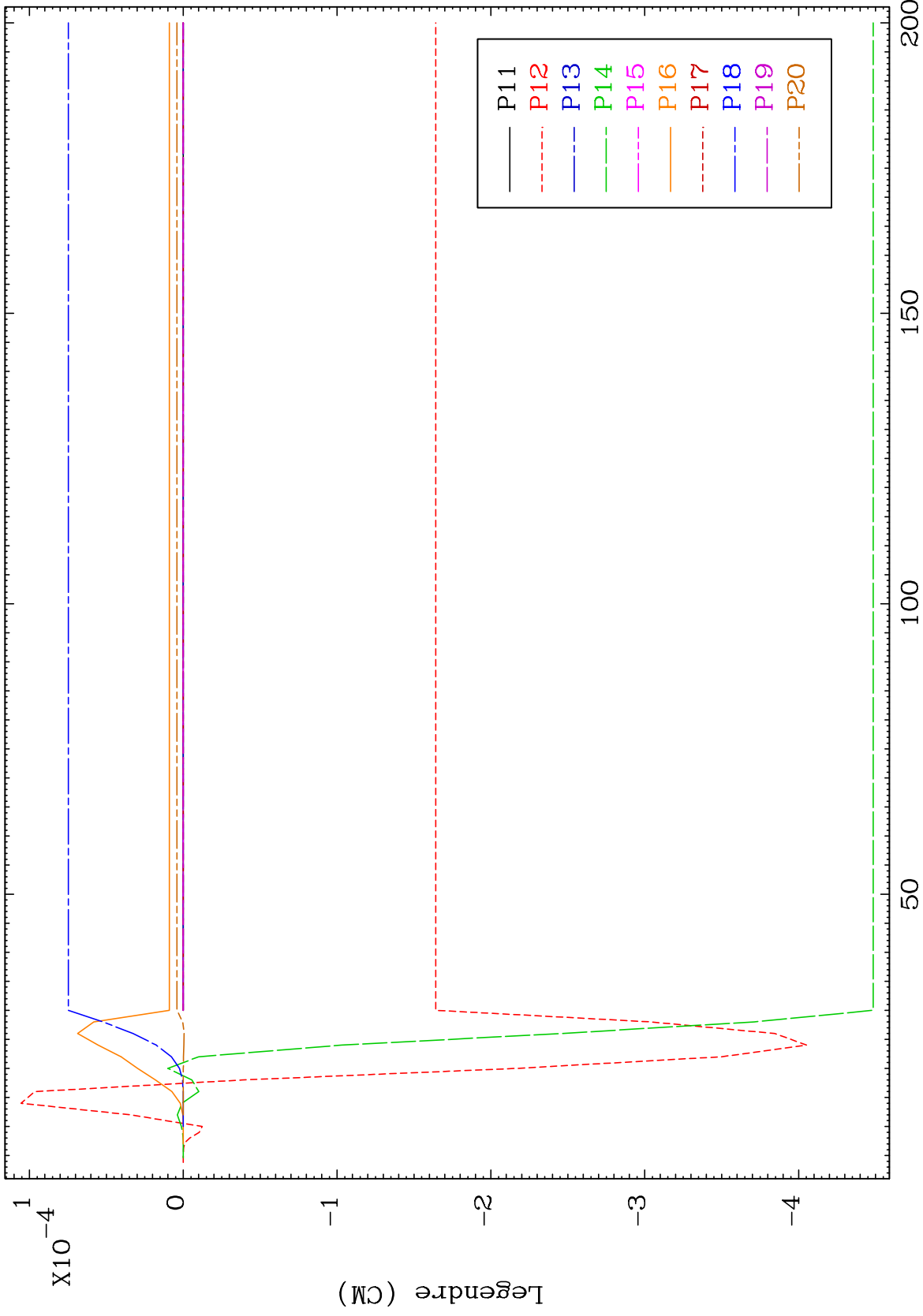




MAT 8013

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

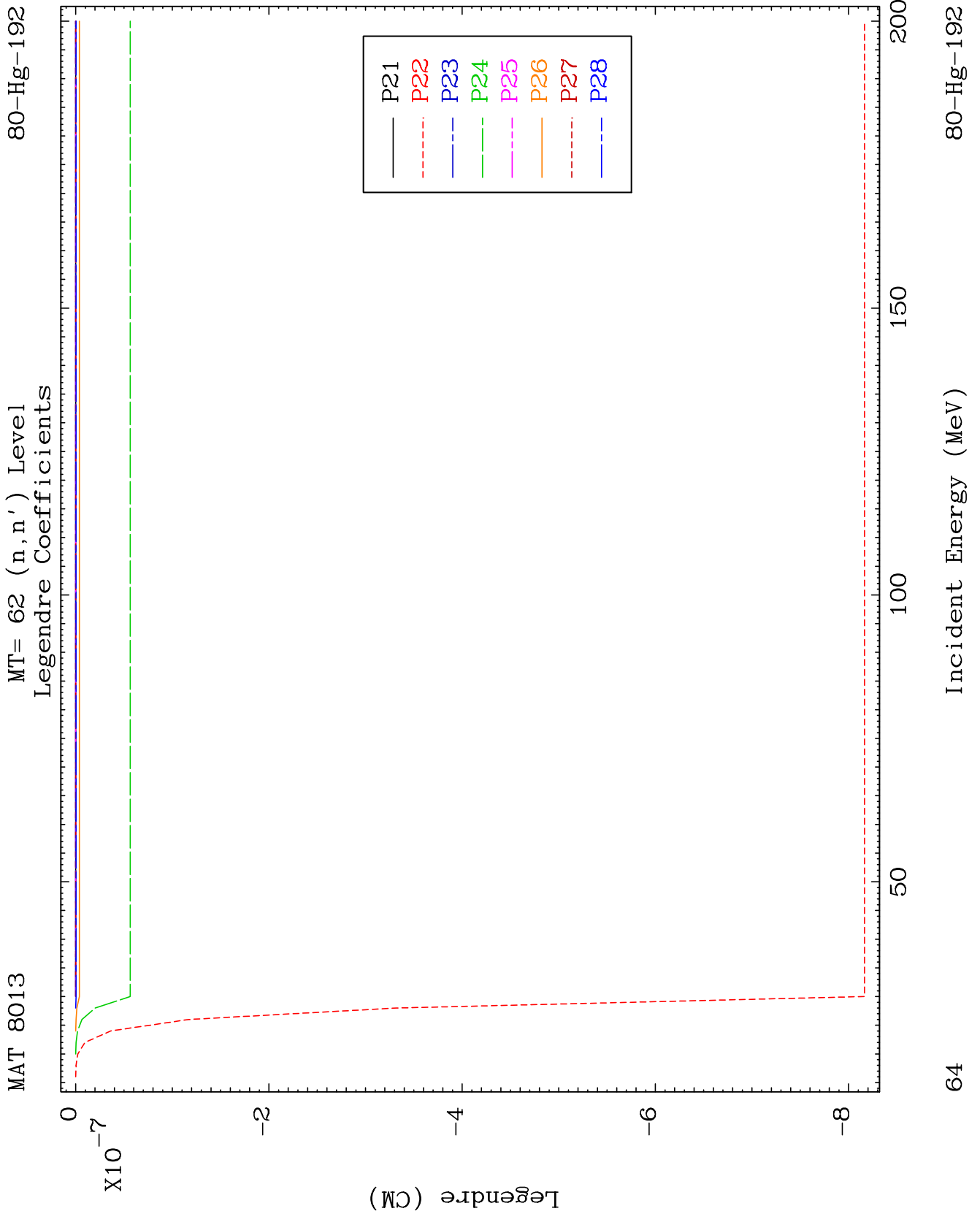
80-Hg-192



63

Incident Energy (MeV)

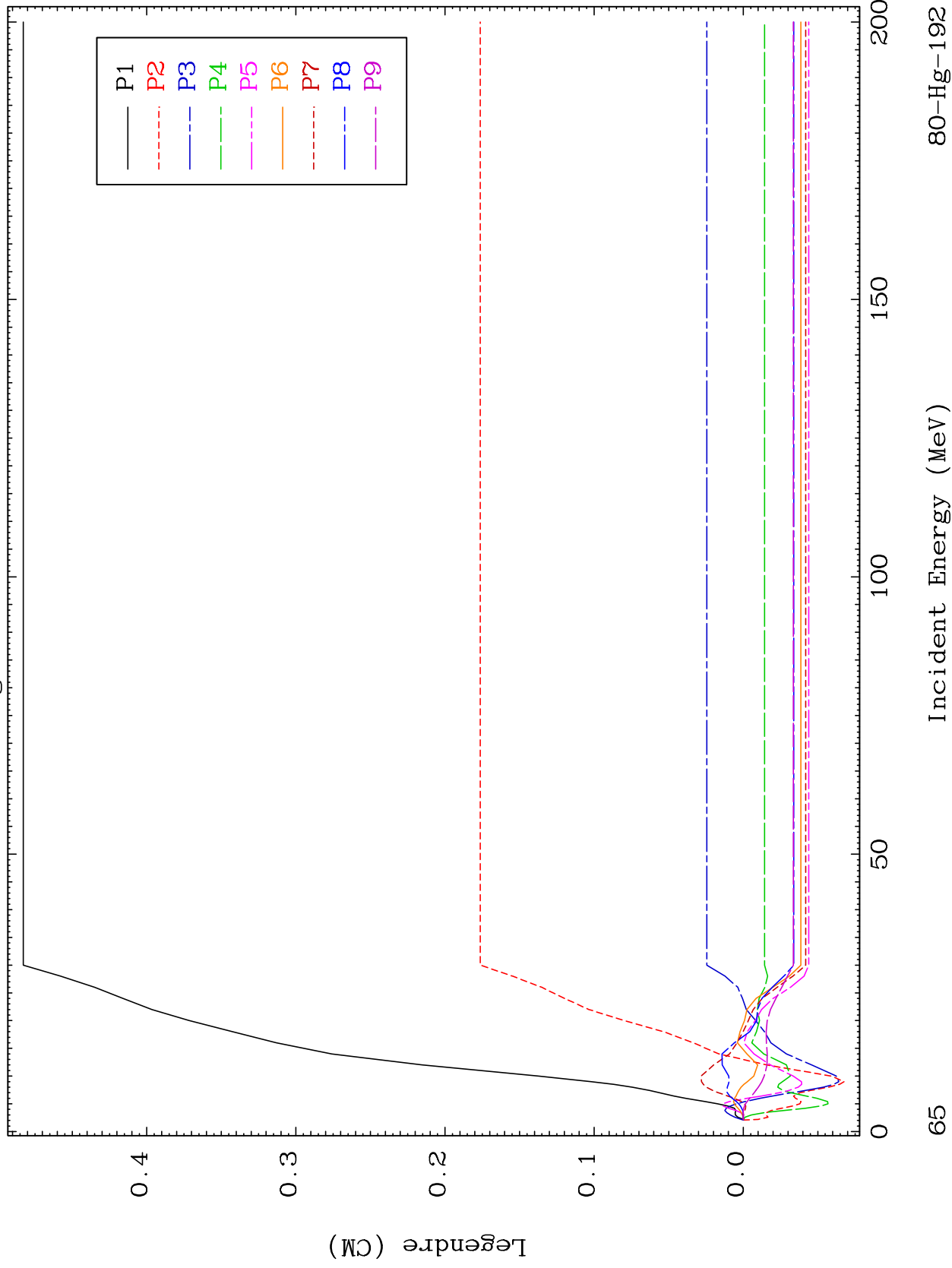
80-Hg-192



MAT 8013

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

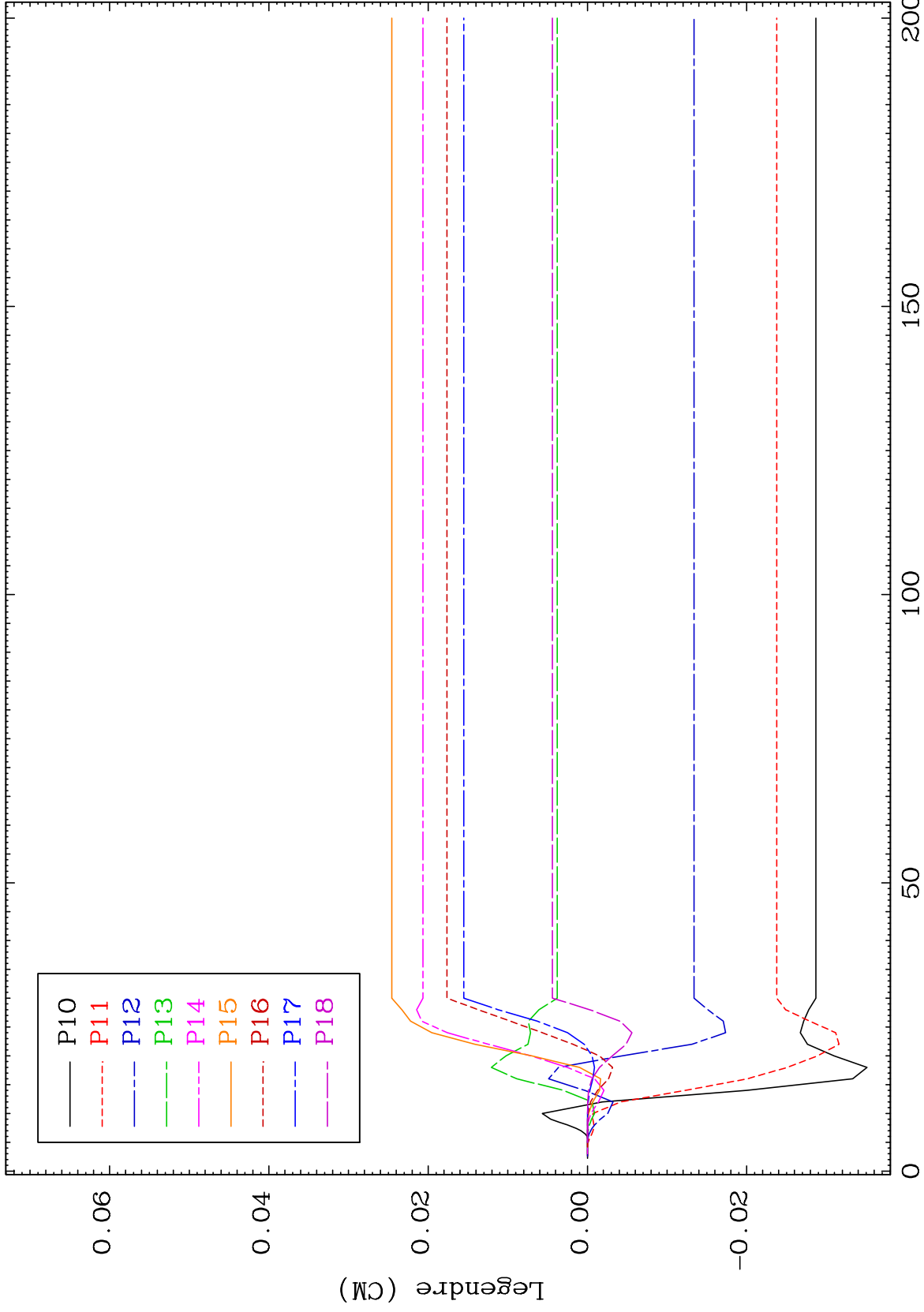
80-Hg-192



MAT 8013

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

80-Hg-192



66

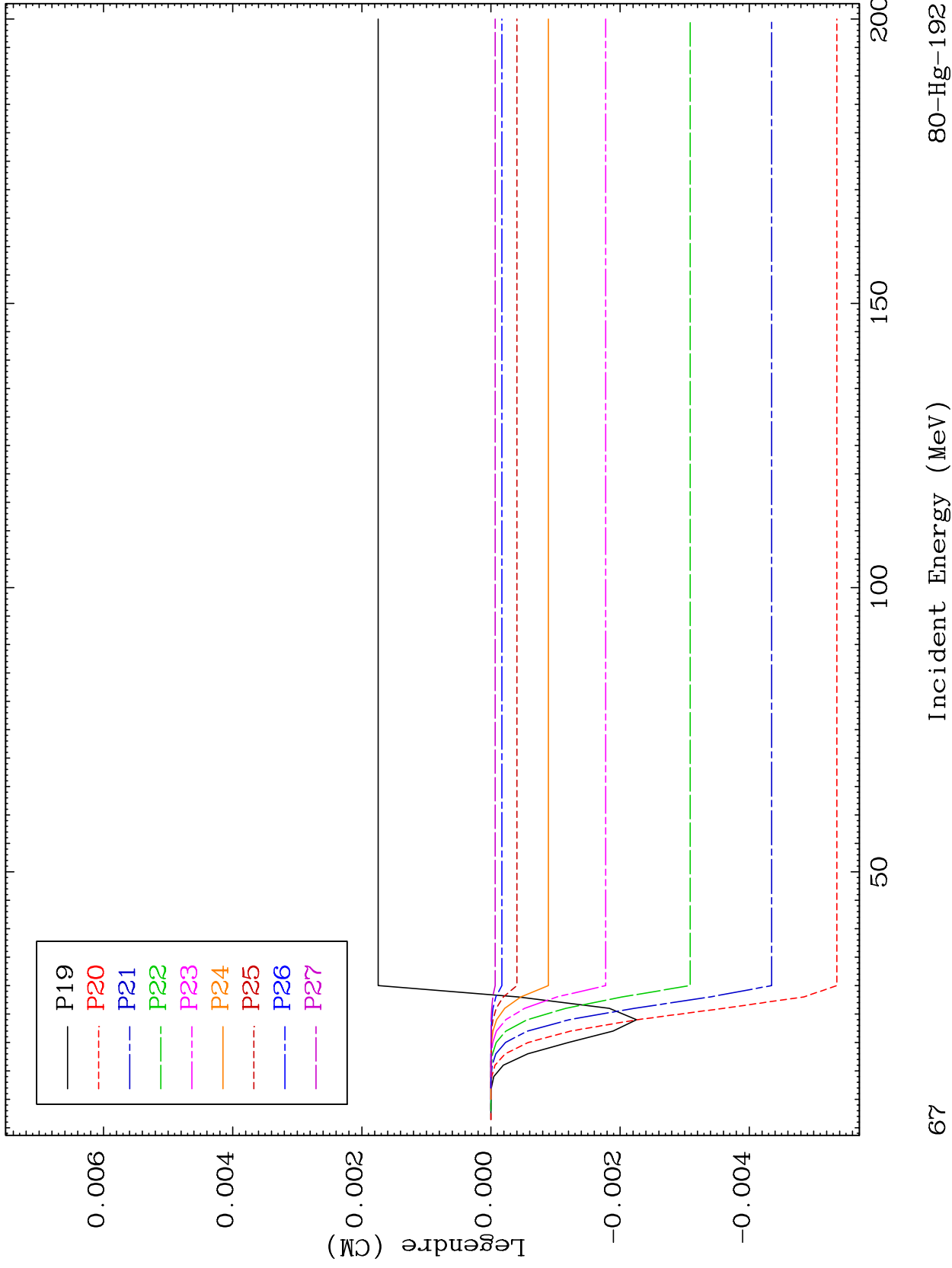
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

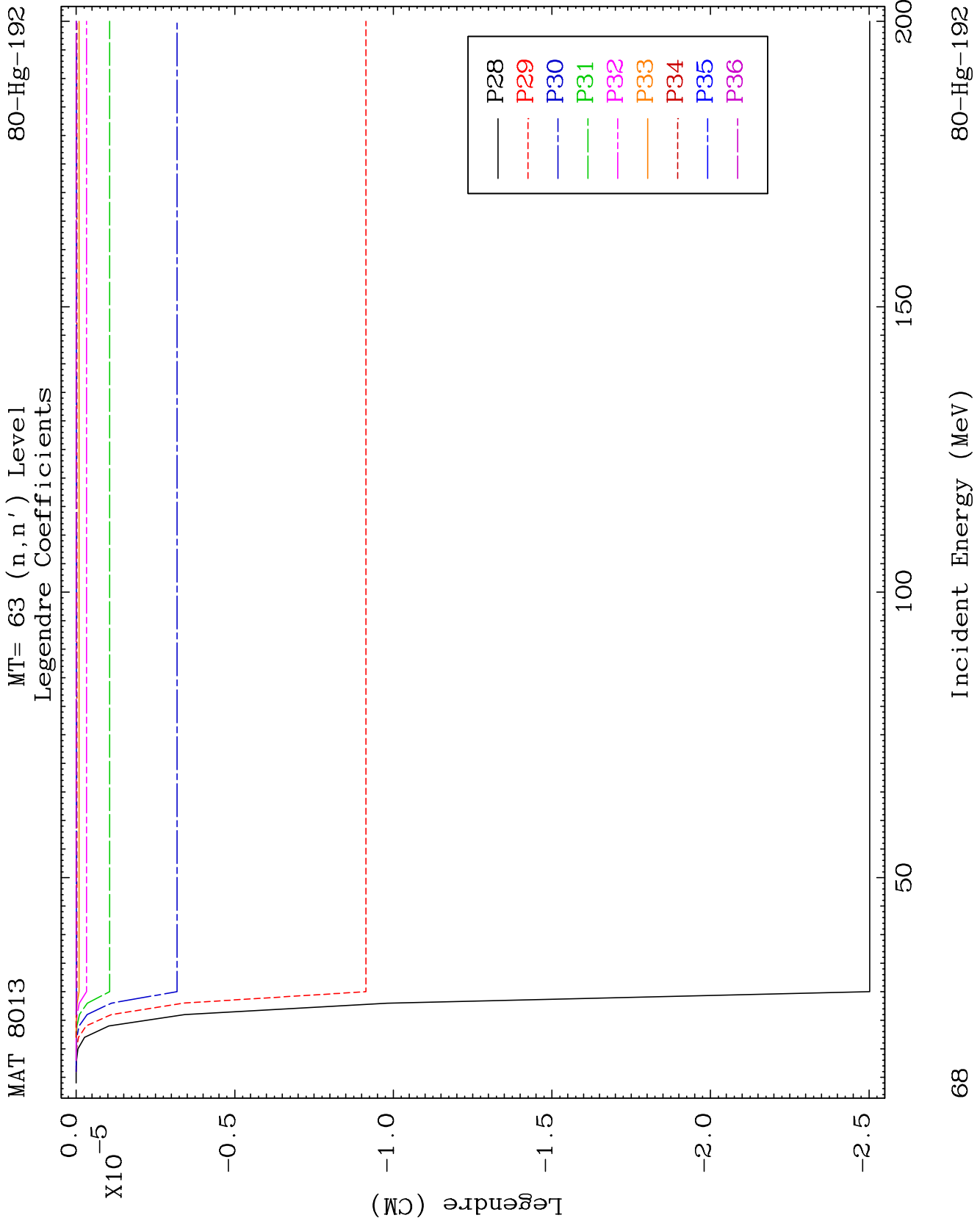
80-Hg-192

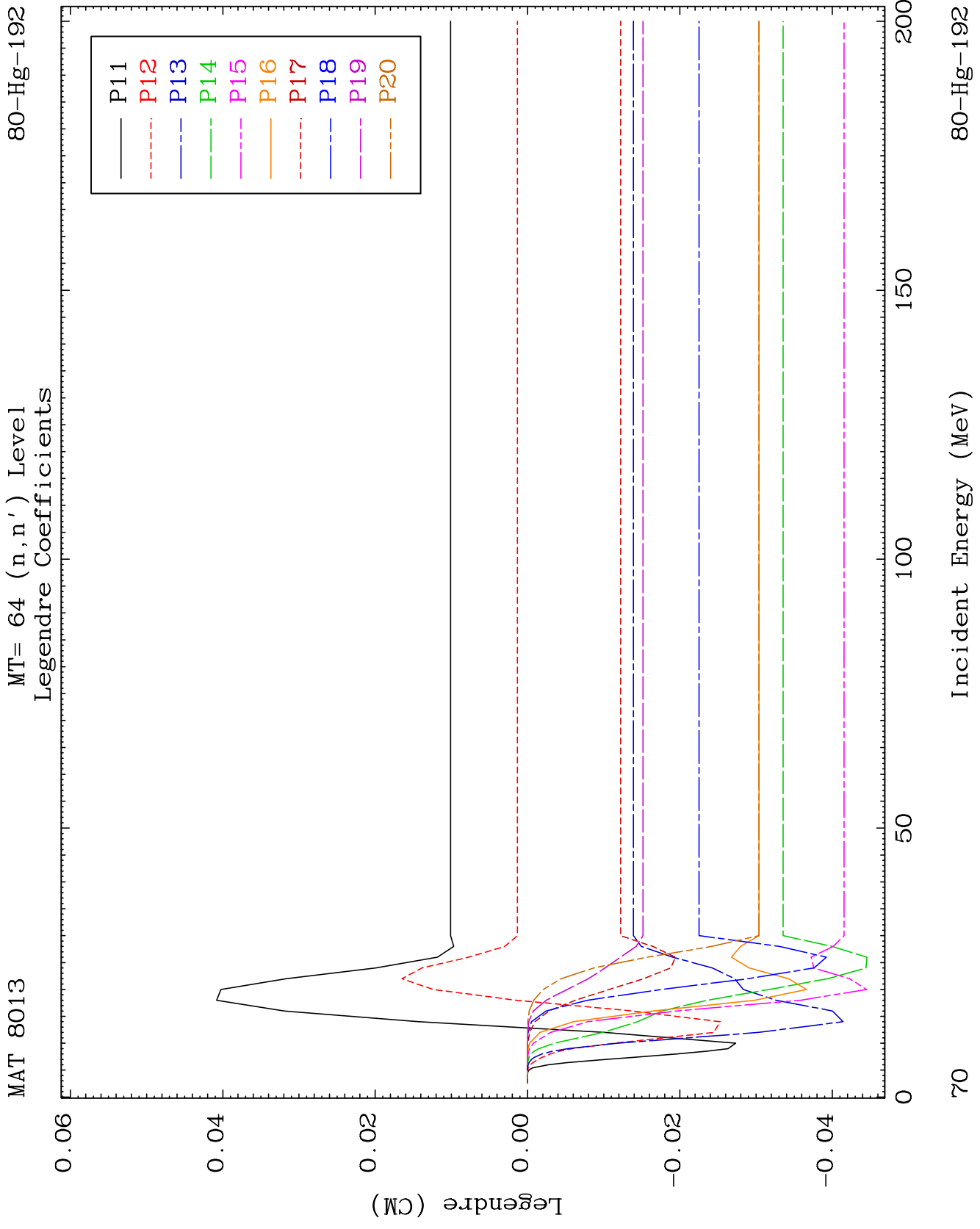


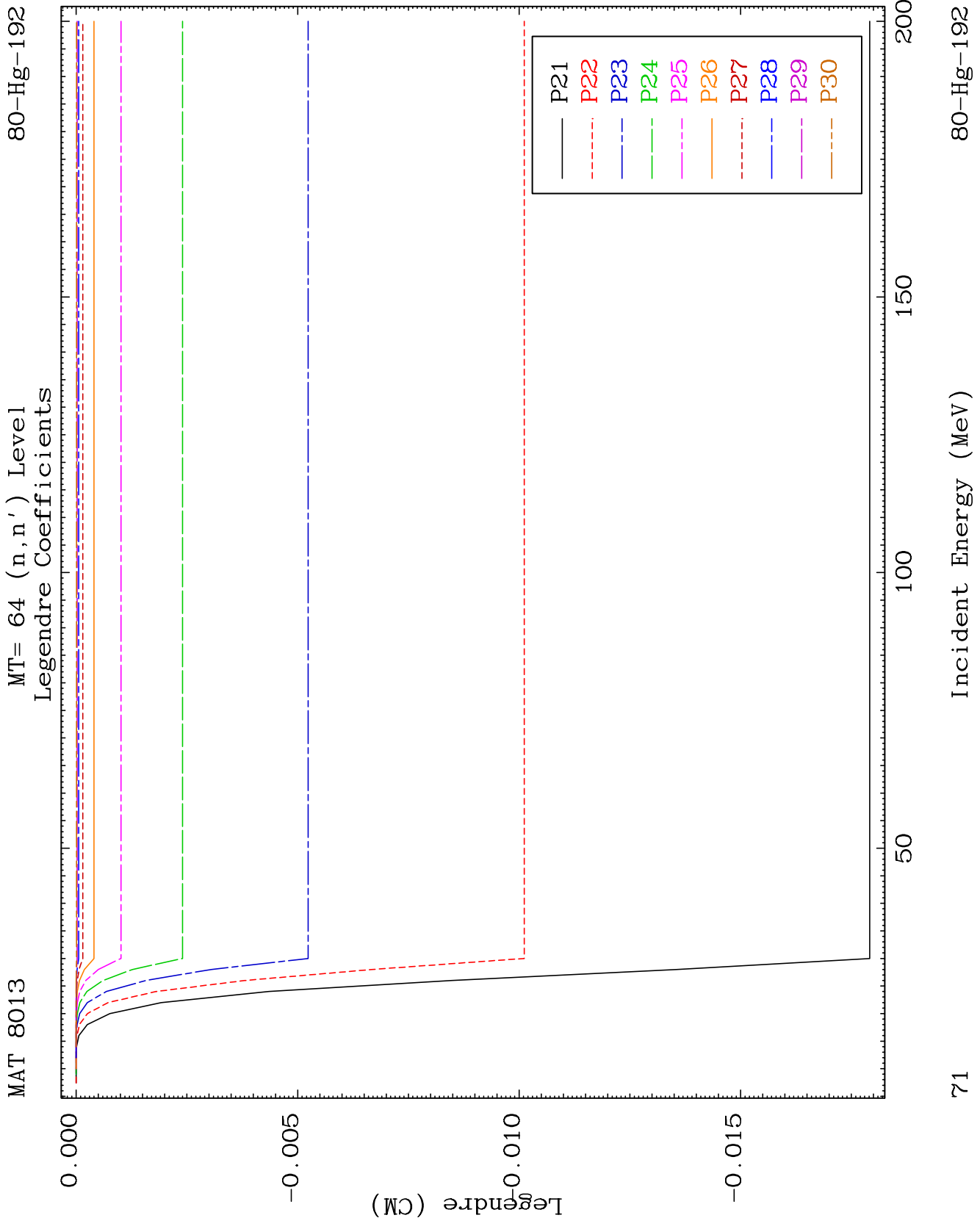
67

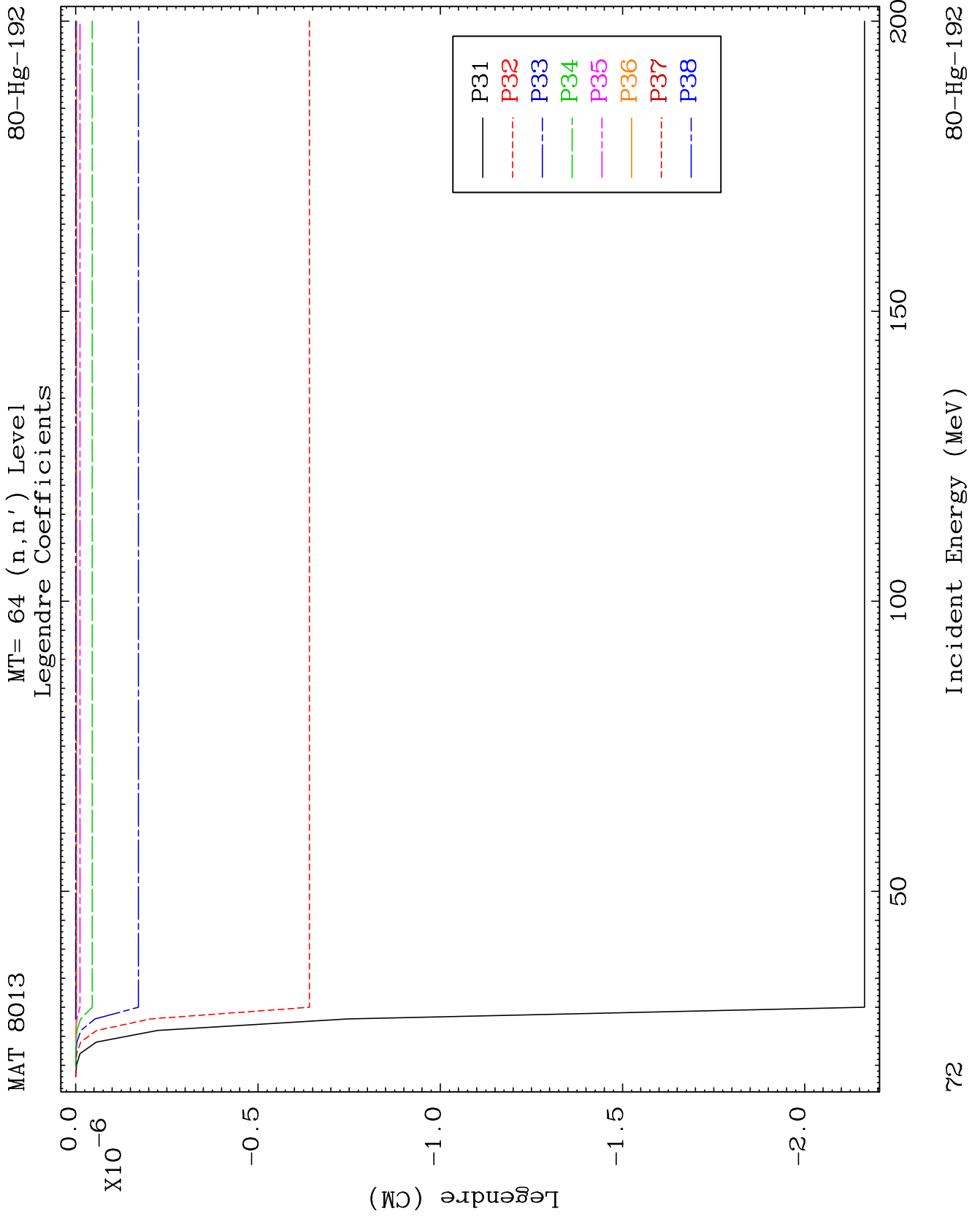
Incident Energy (MeV)

80-Hg-192





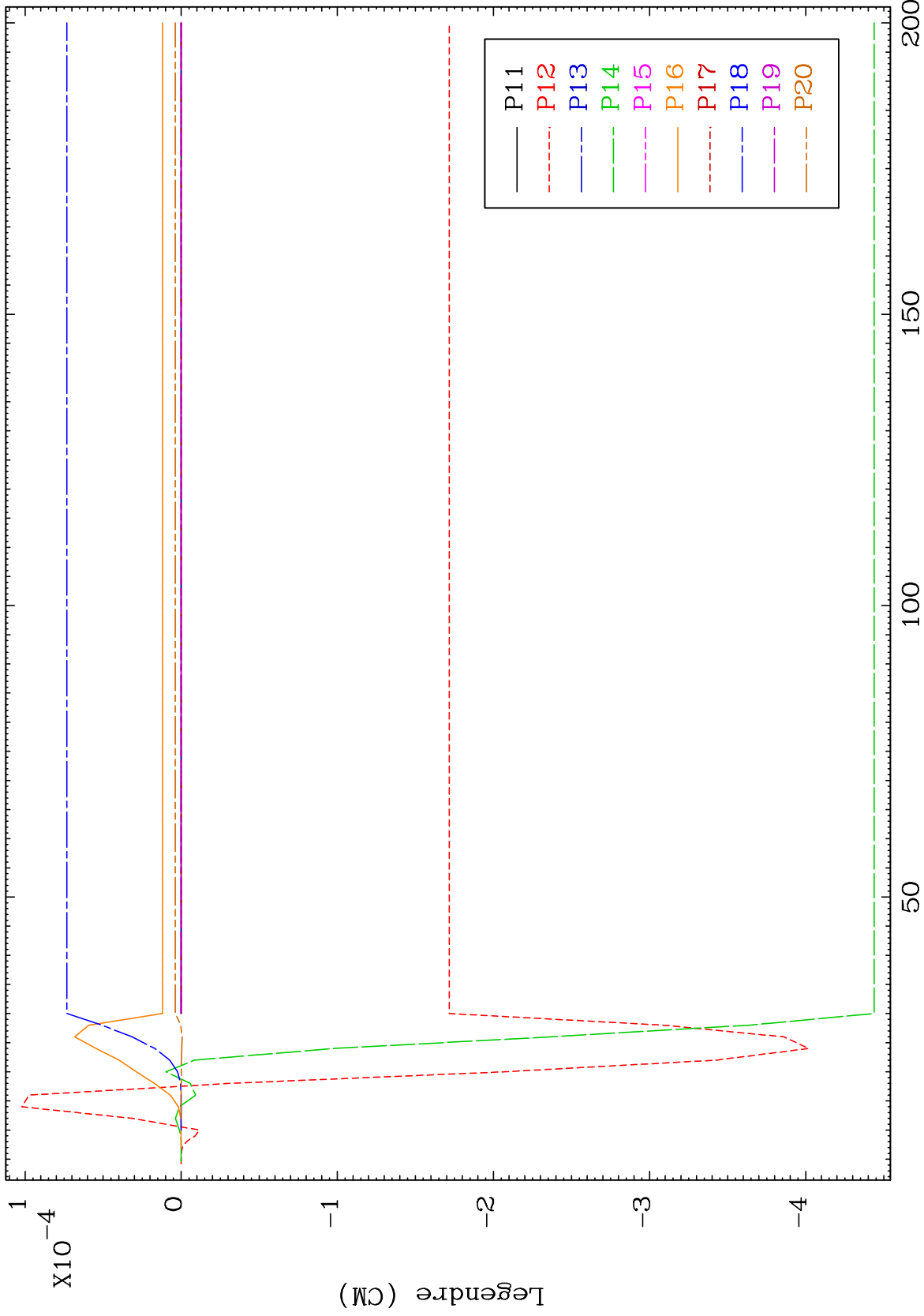




MAT 8013

80-Hg-192

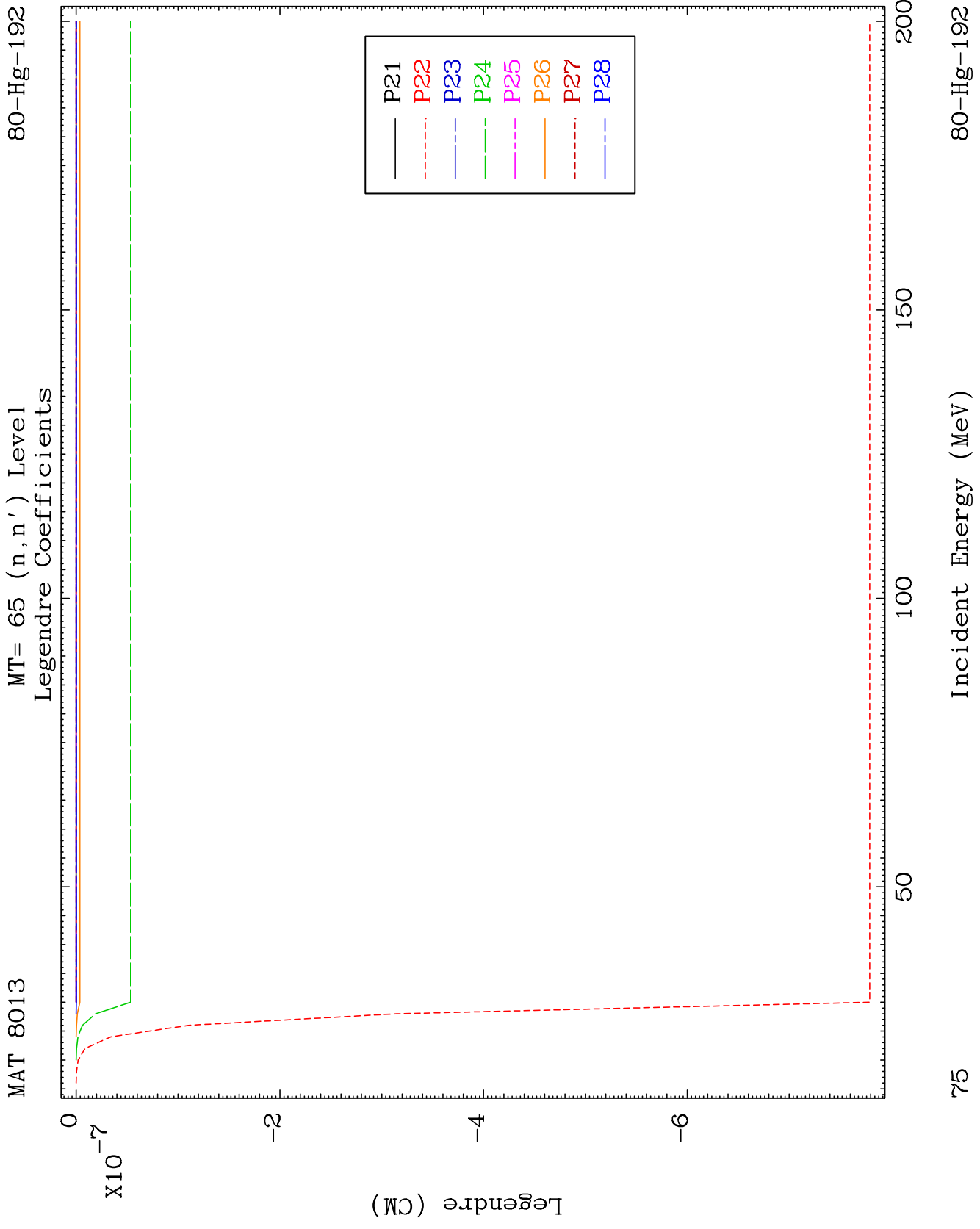
MT= 65 (n,n') Level
Legendre Coefficients



74

Incident Energy (MeV)

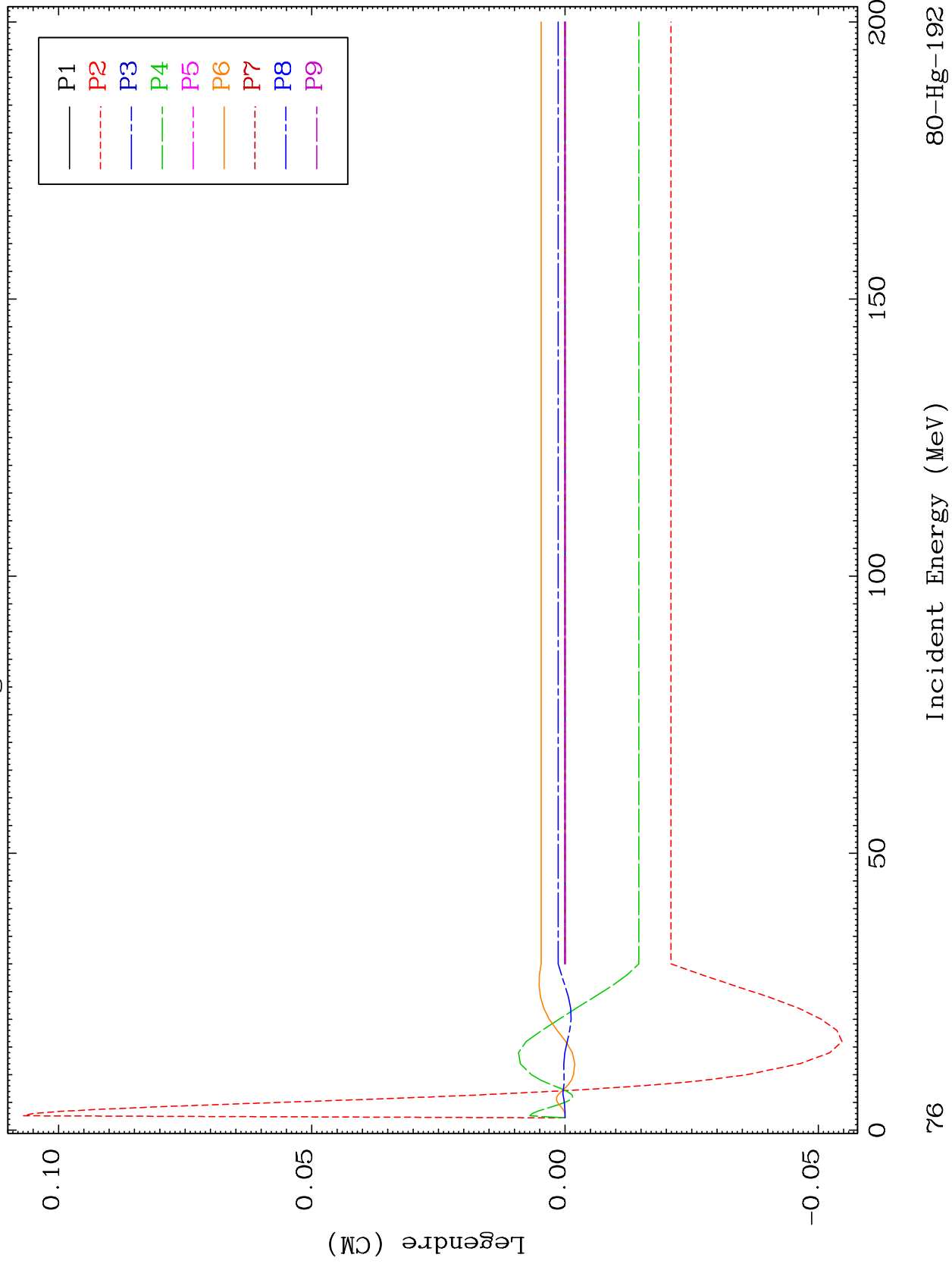
80-Hg-192



MAT 8013

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

80-Hg-192



80-Hg-192

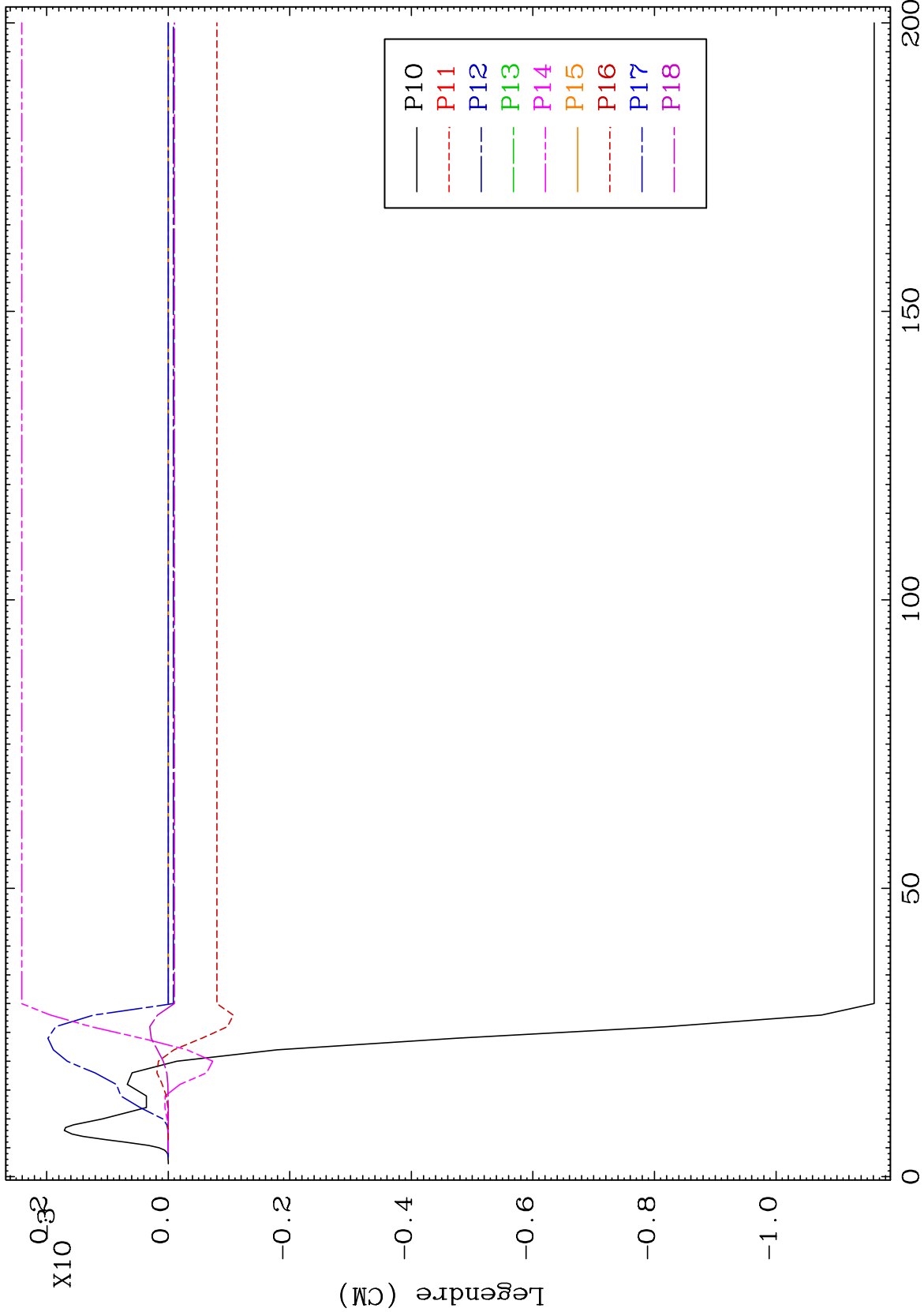
Incident Energy (MeV)

76

MAT 8013

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

80-Hg-192



77

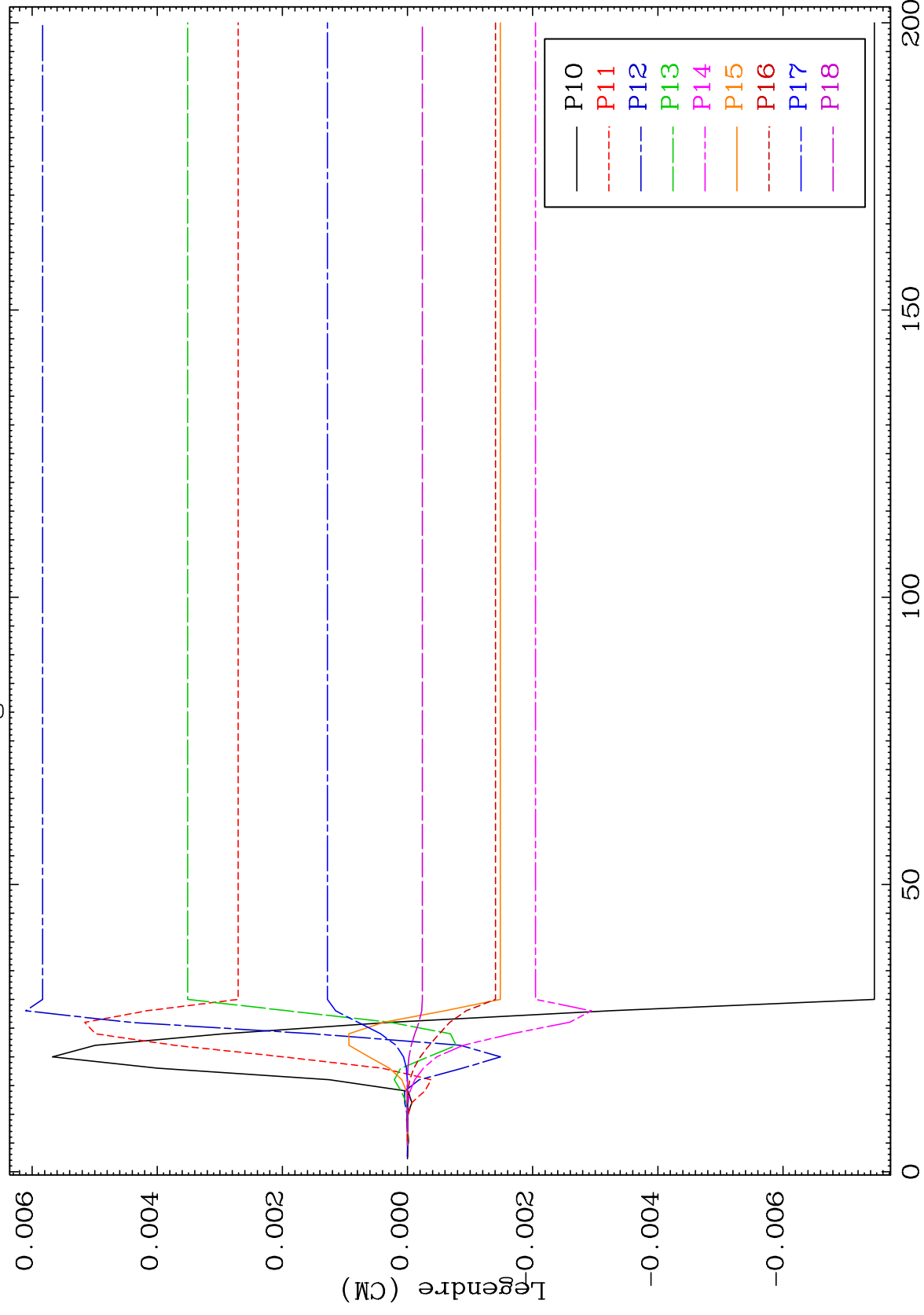
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



80-Hg-192

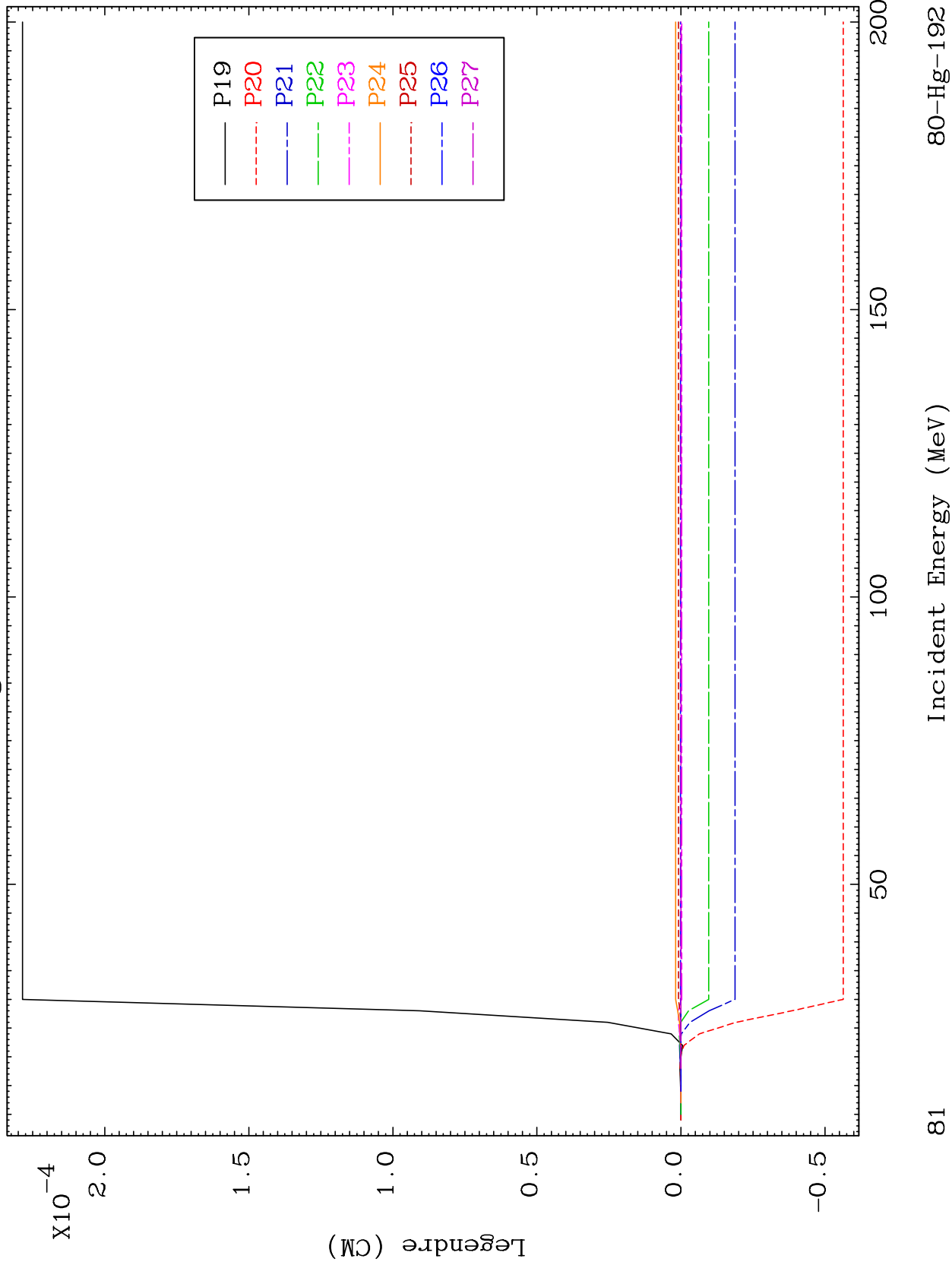
Incident Energy (MeV)

80

MAT 8013

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

80-Hg-192



81

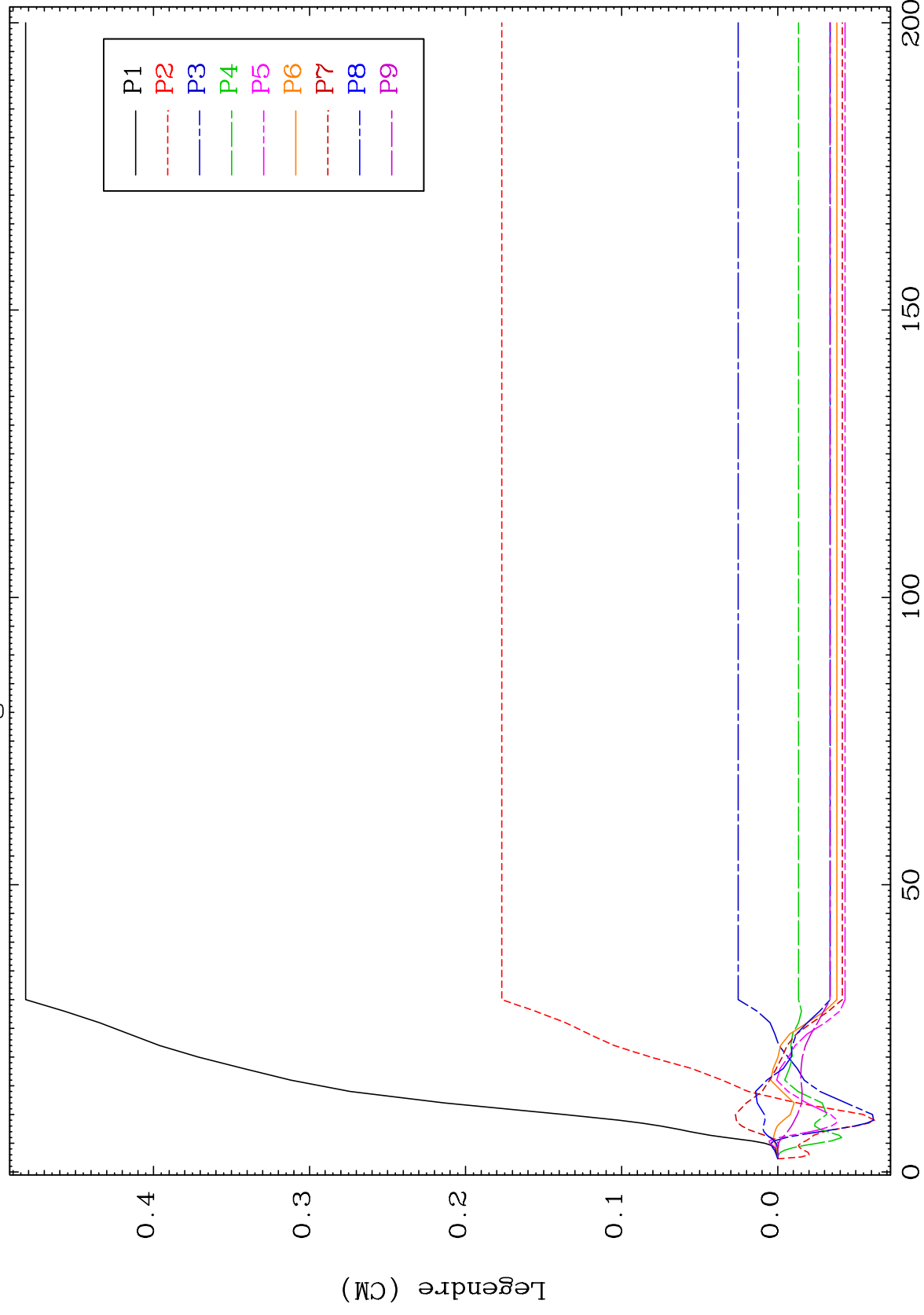
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



83

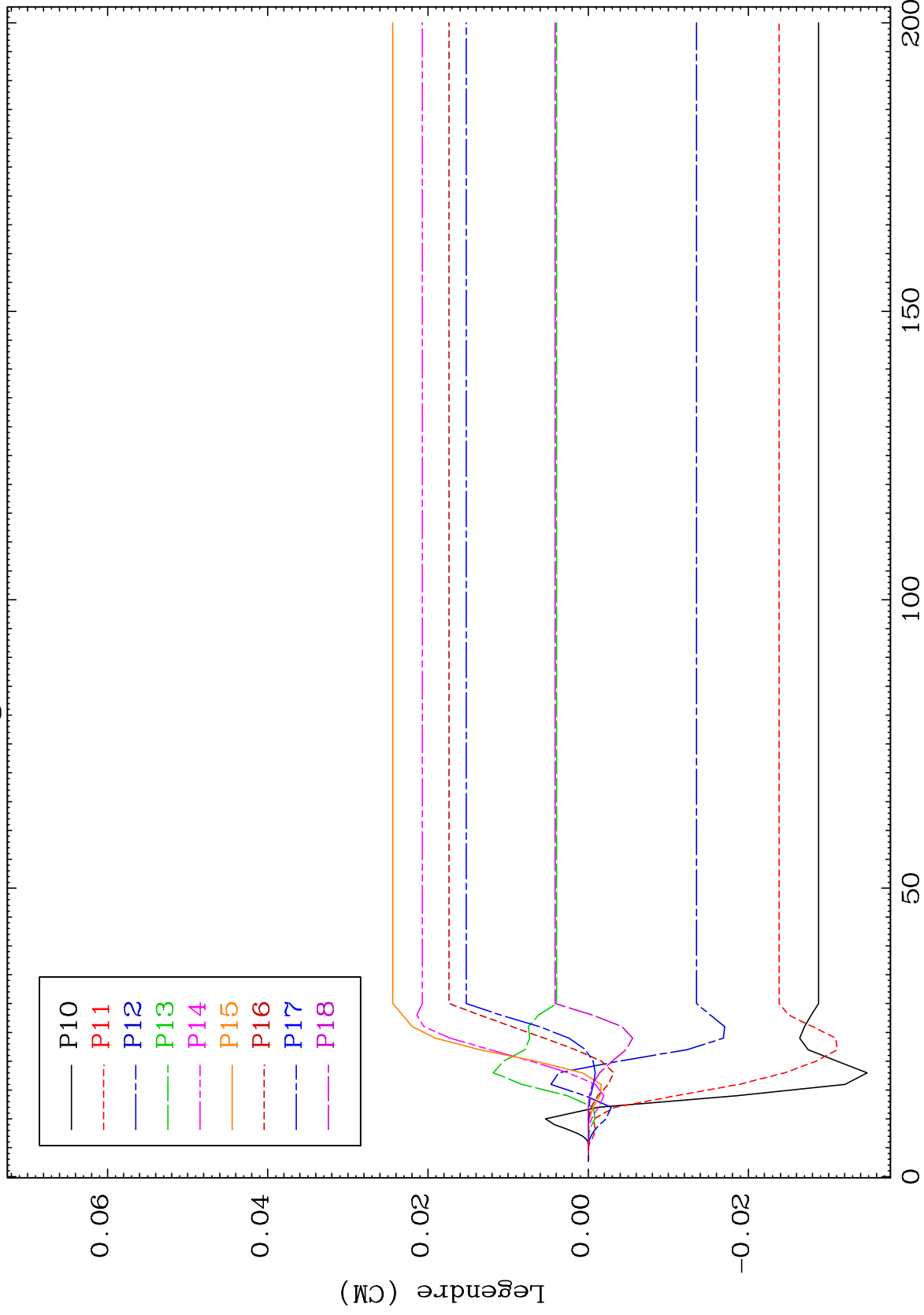
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



84

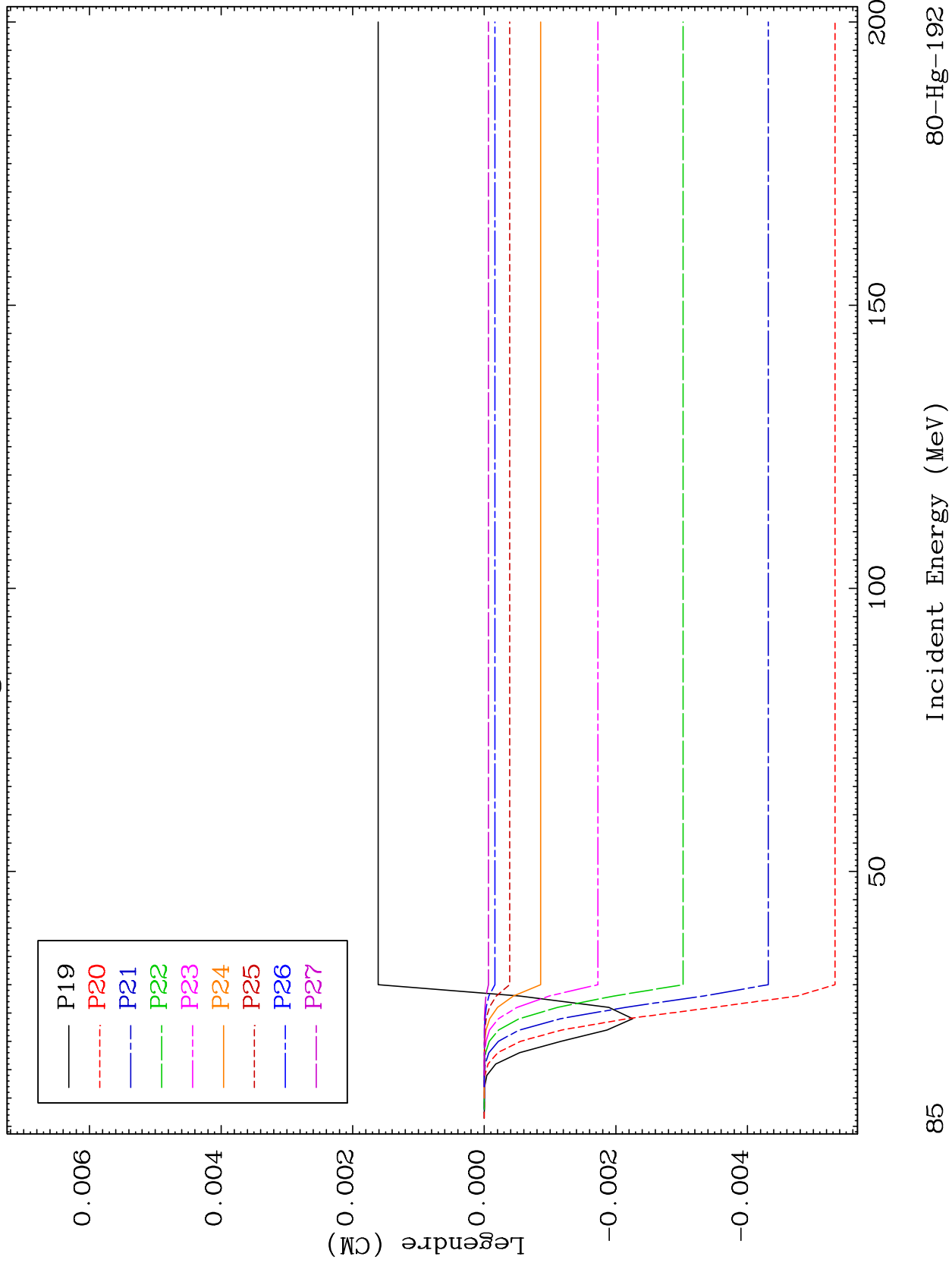
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

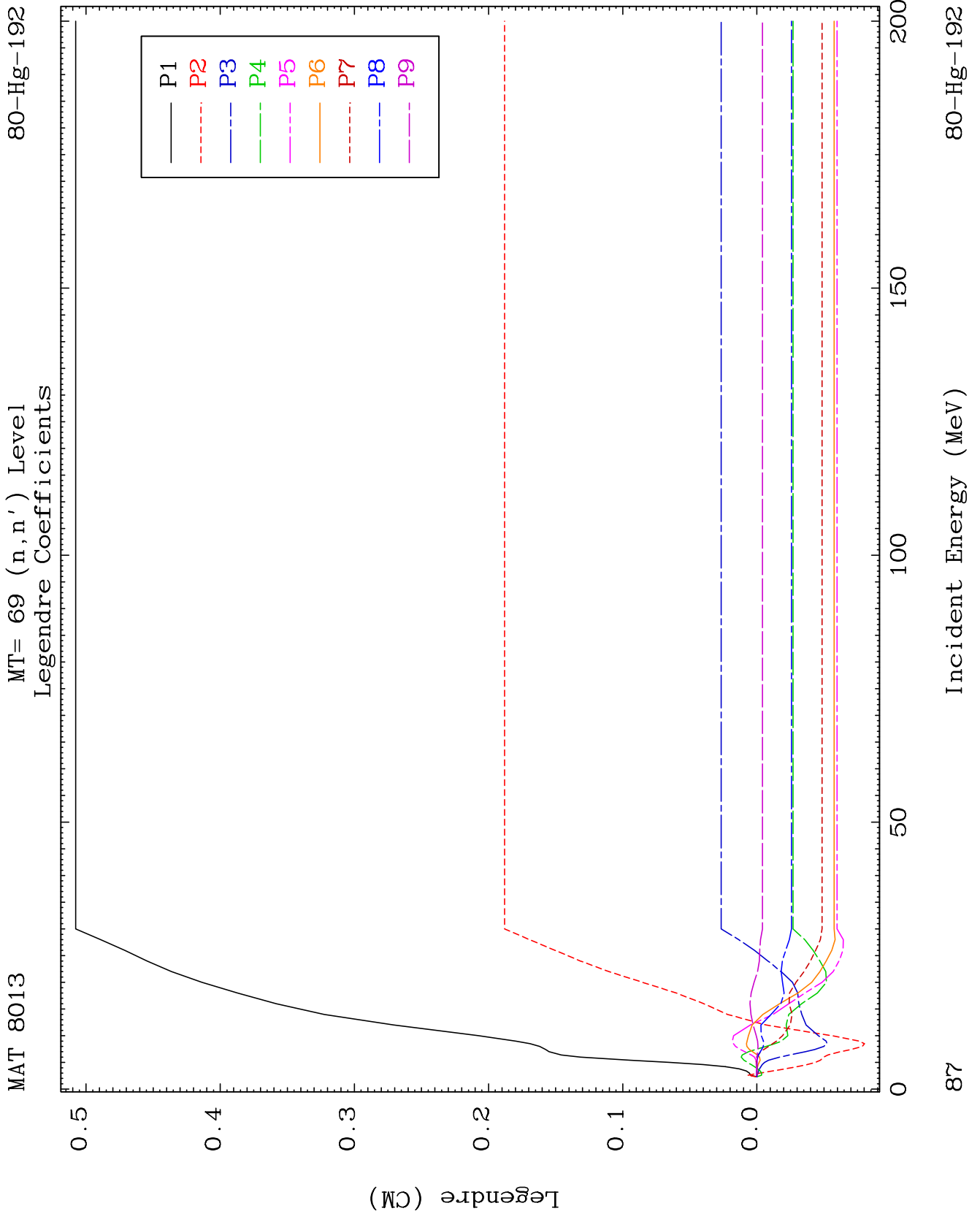
80-Hg-192



85

Incident Energy (MeV)

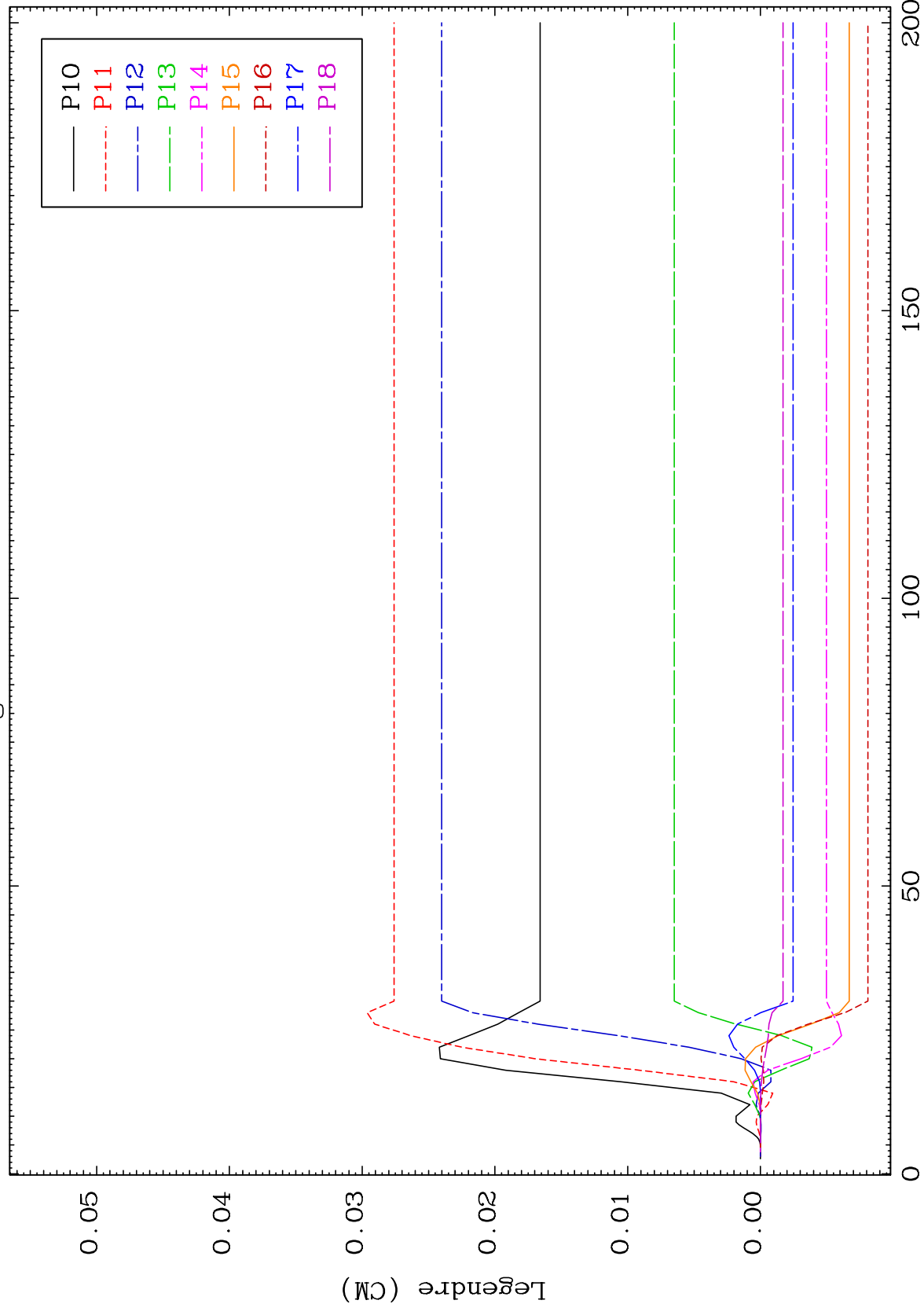
80-Hg-192



MAT 8013

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

80-Hg-192



88

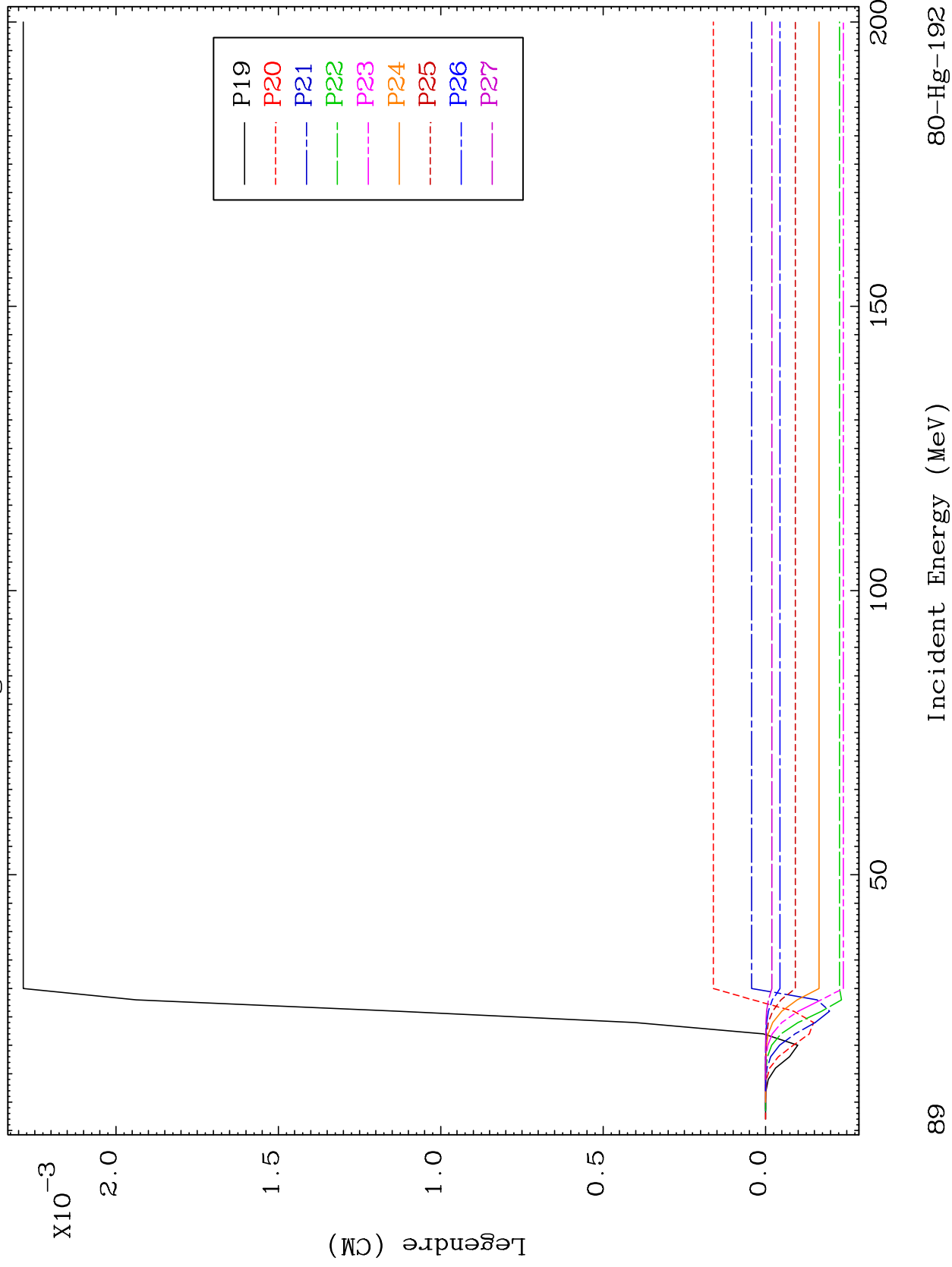
Incident Energy (MeV)

80-Hg-192

MAT 8013

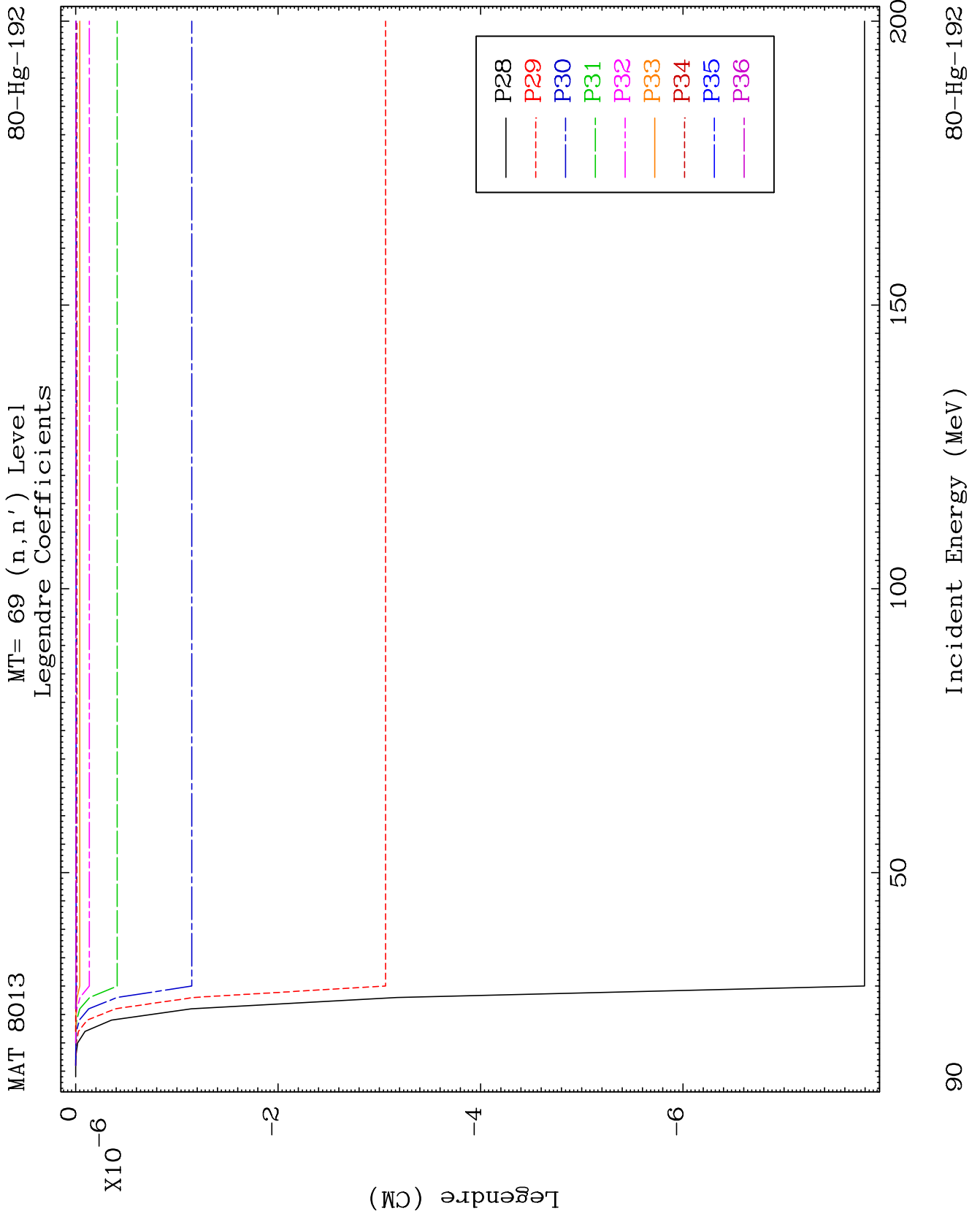
MT= 69 (n,n') Level
Legendre Coefficients

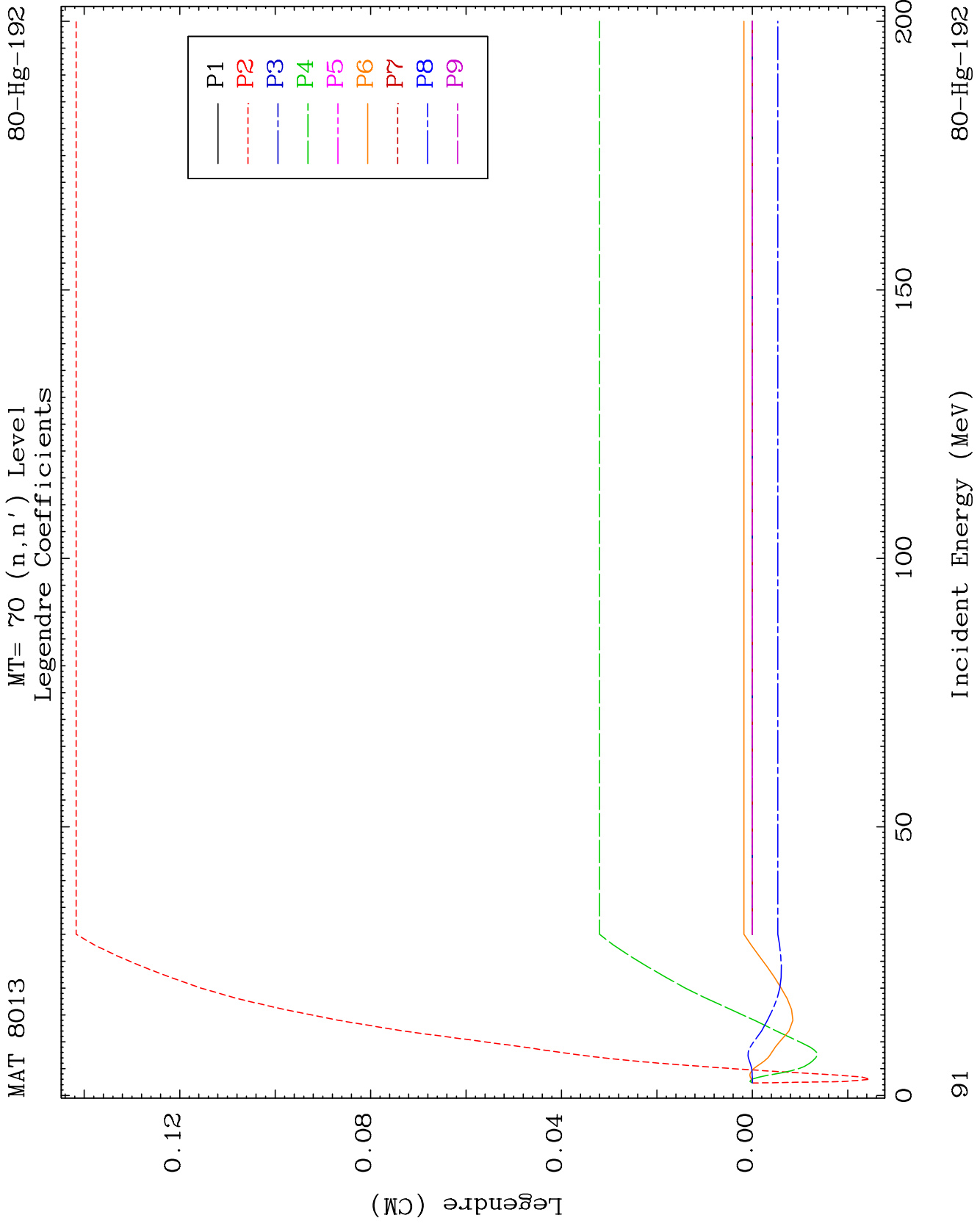
80-Hg-192



89

80-Hg-192

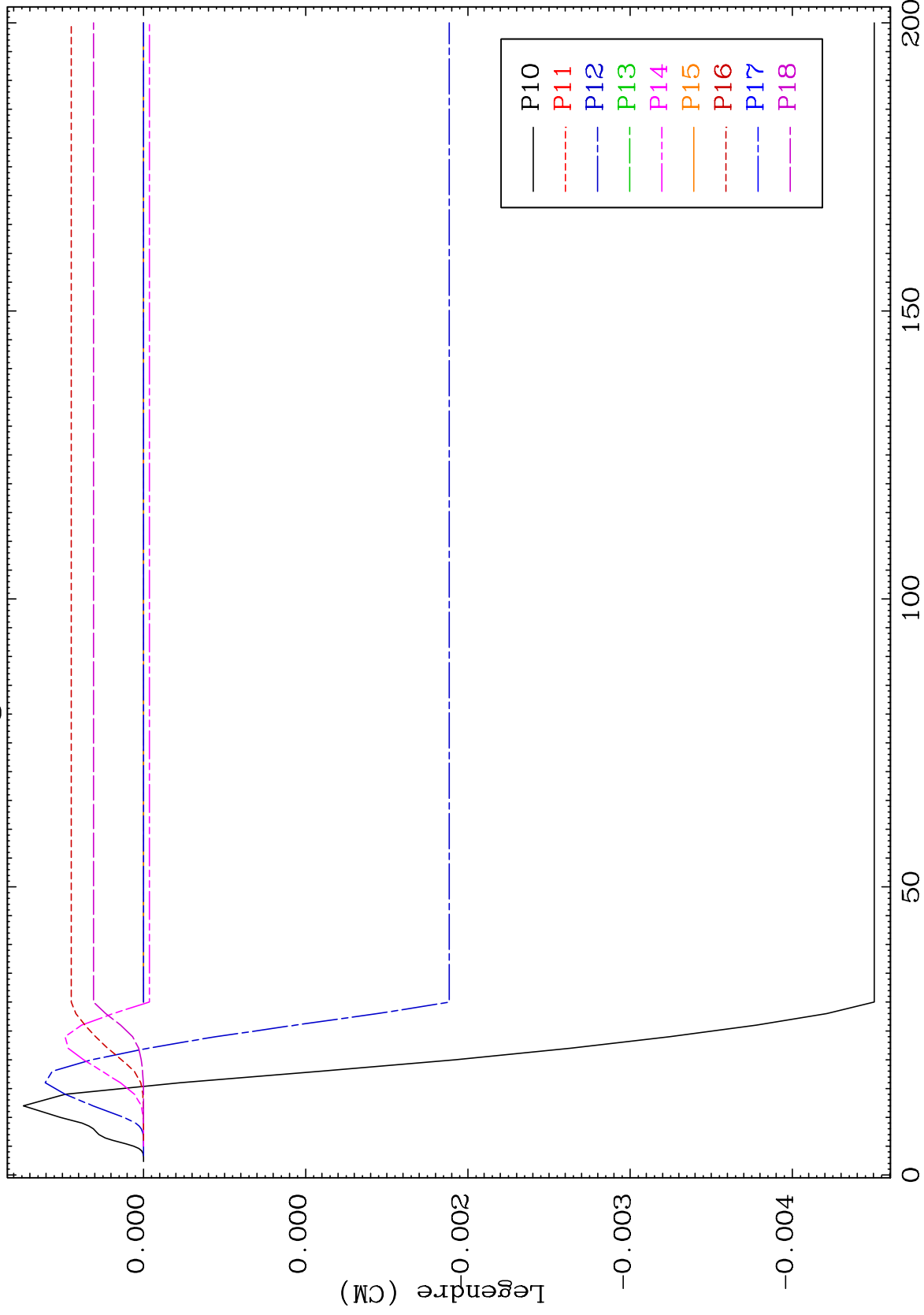




MAT 8013

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

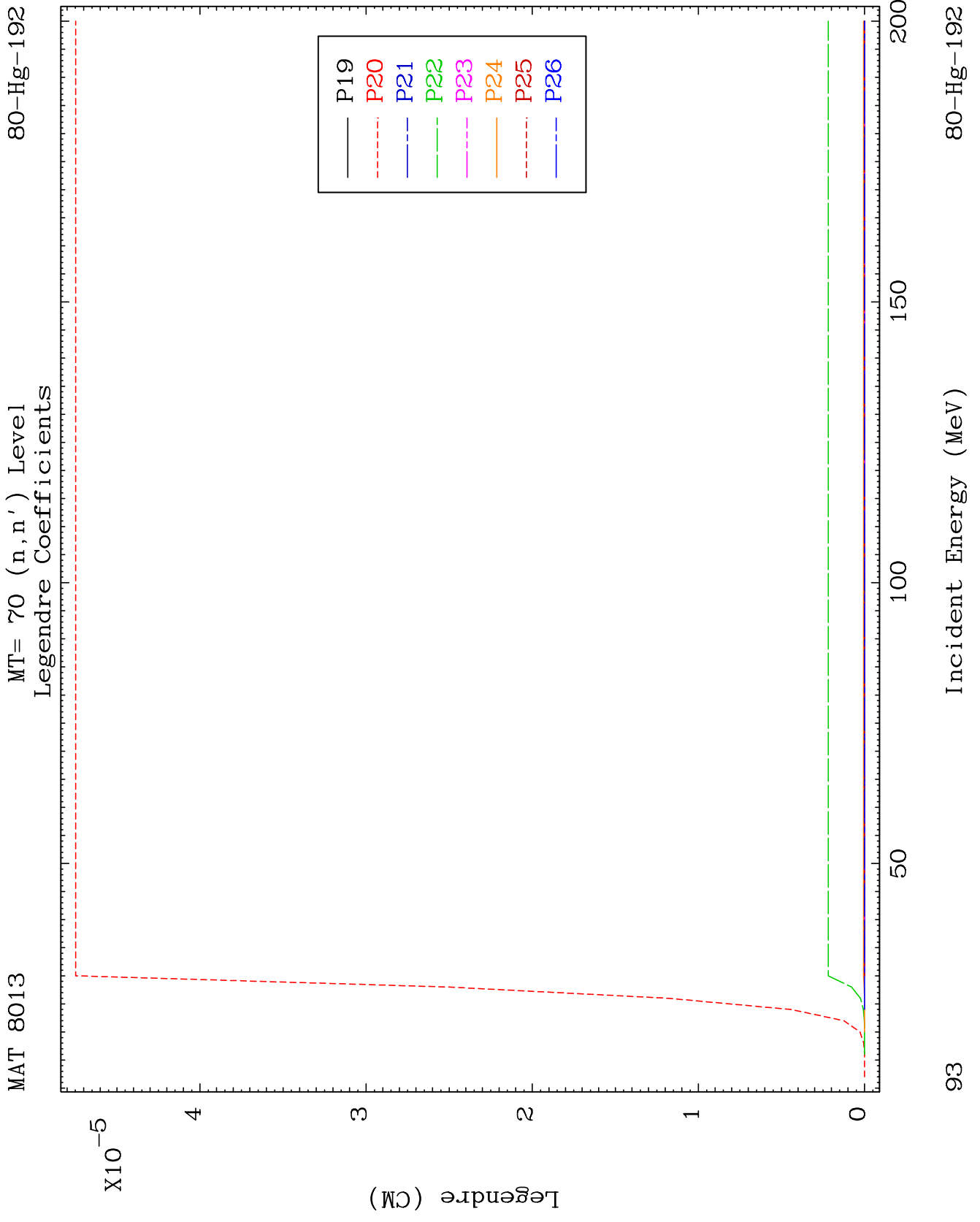
80-Hg-192



92

Incident Energy (MeV)

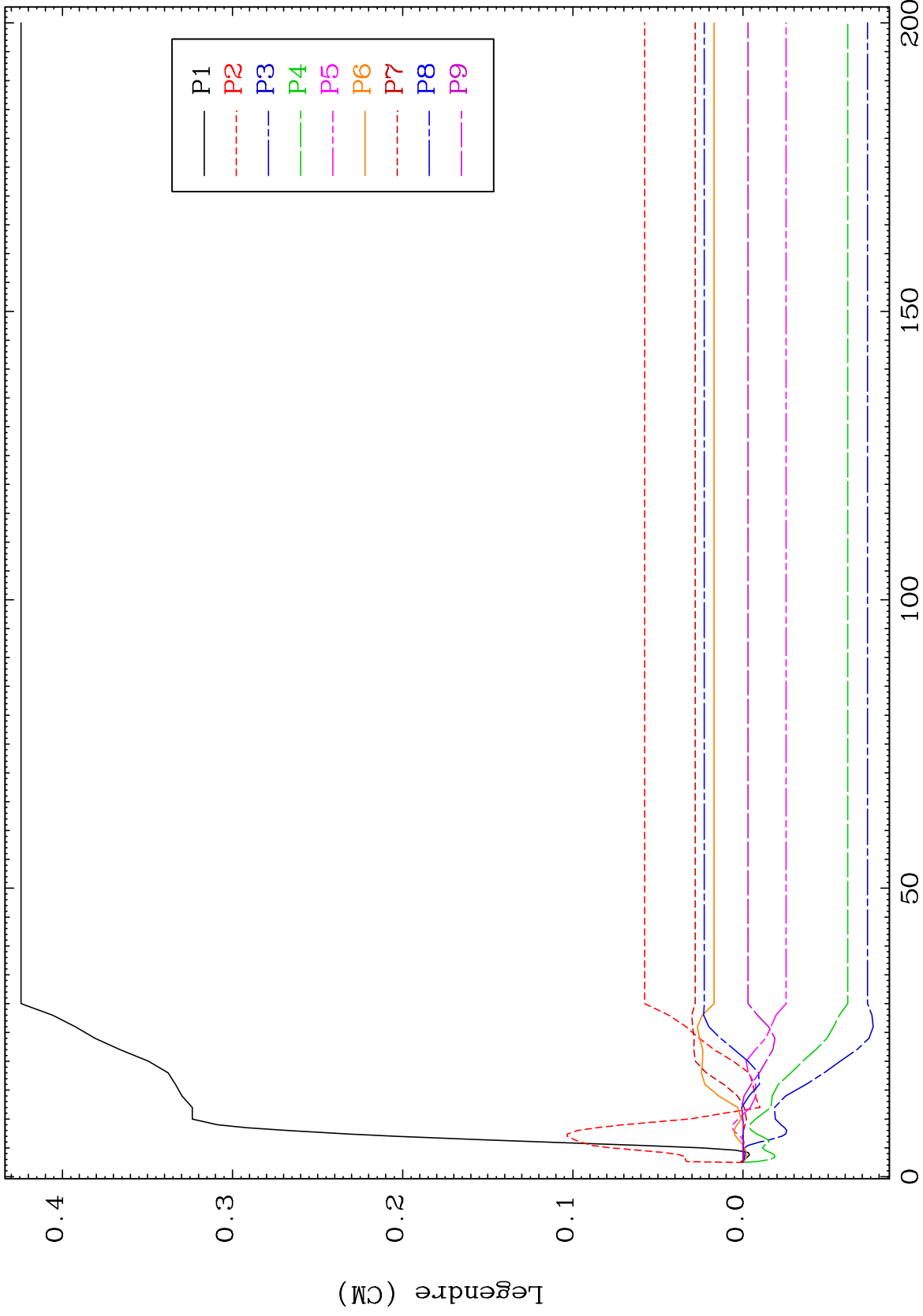
80-Hg-192



MAT 8013

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

80-Hg-192



94

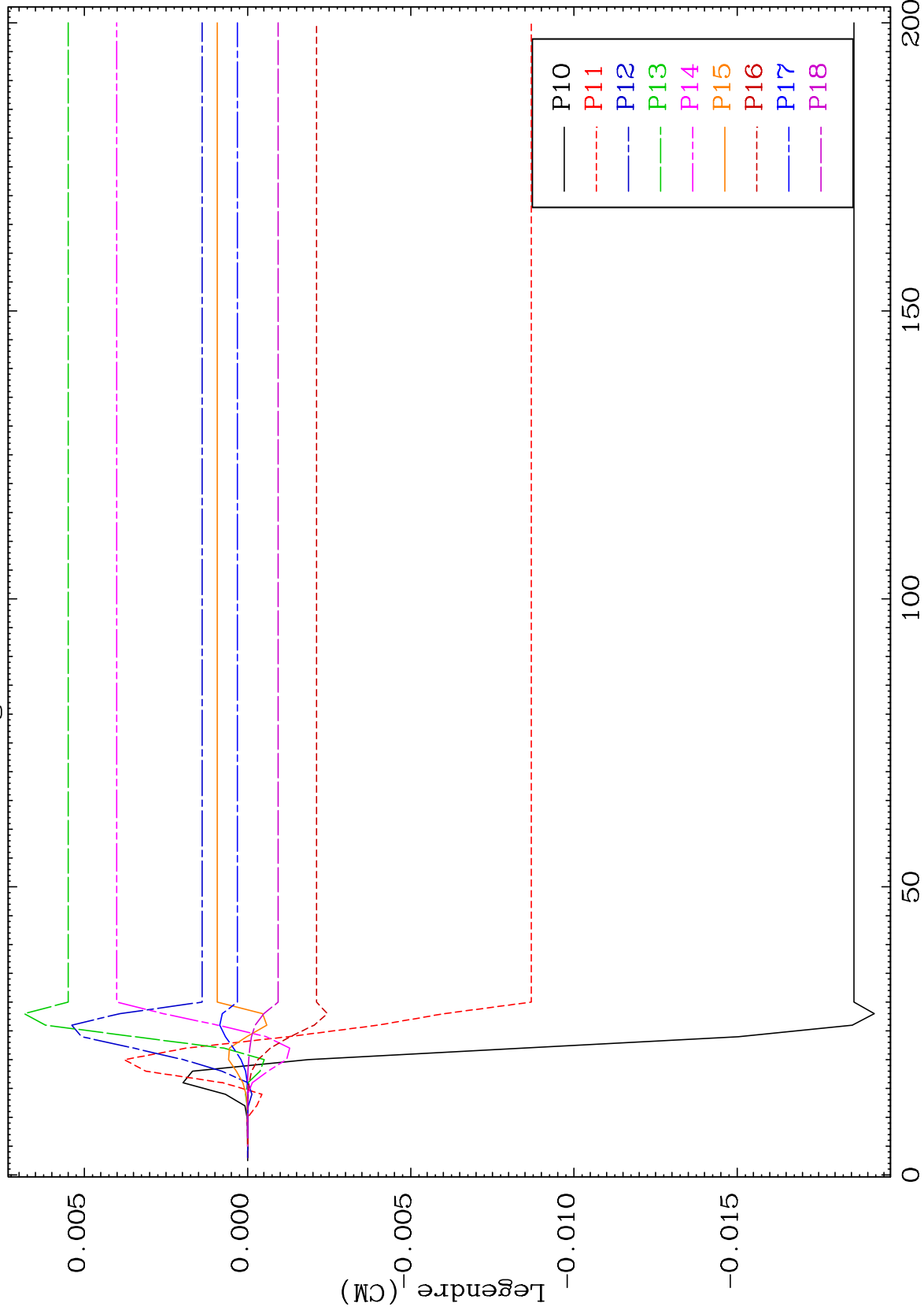
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



95

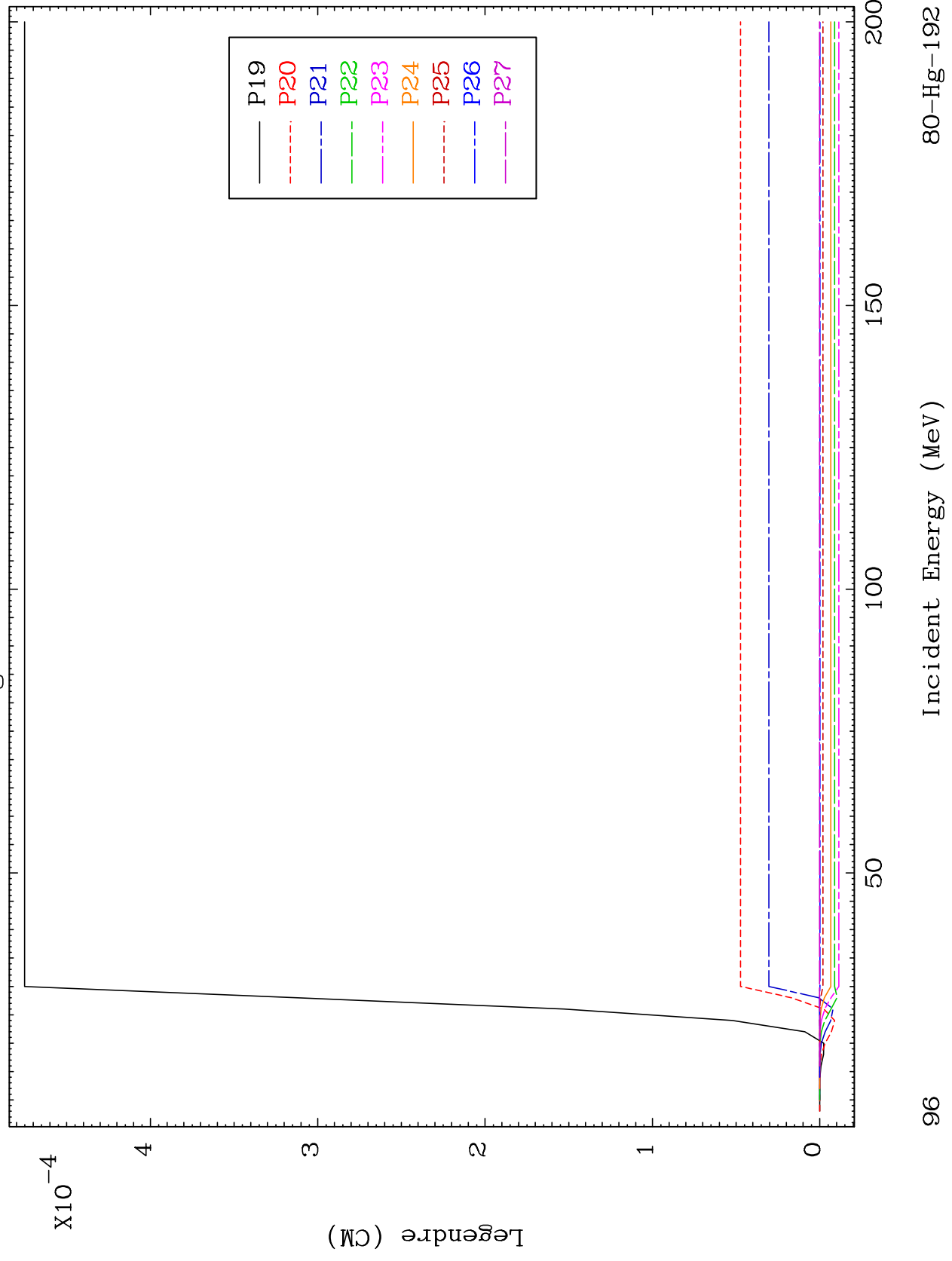
Incident Energy (MeV)

80-Hg-192

MAT 8013

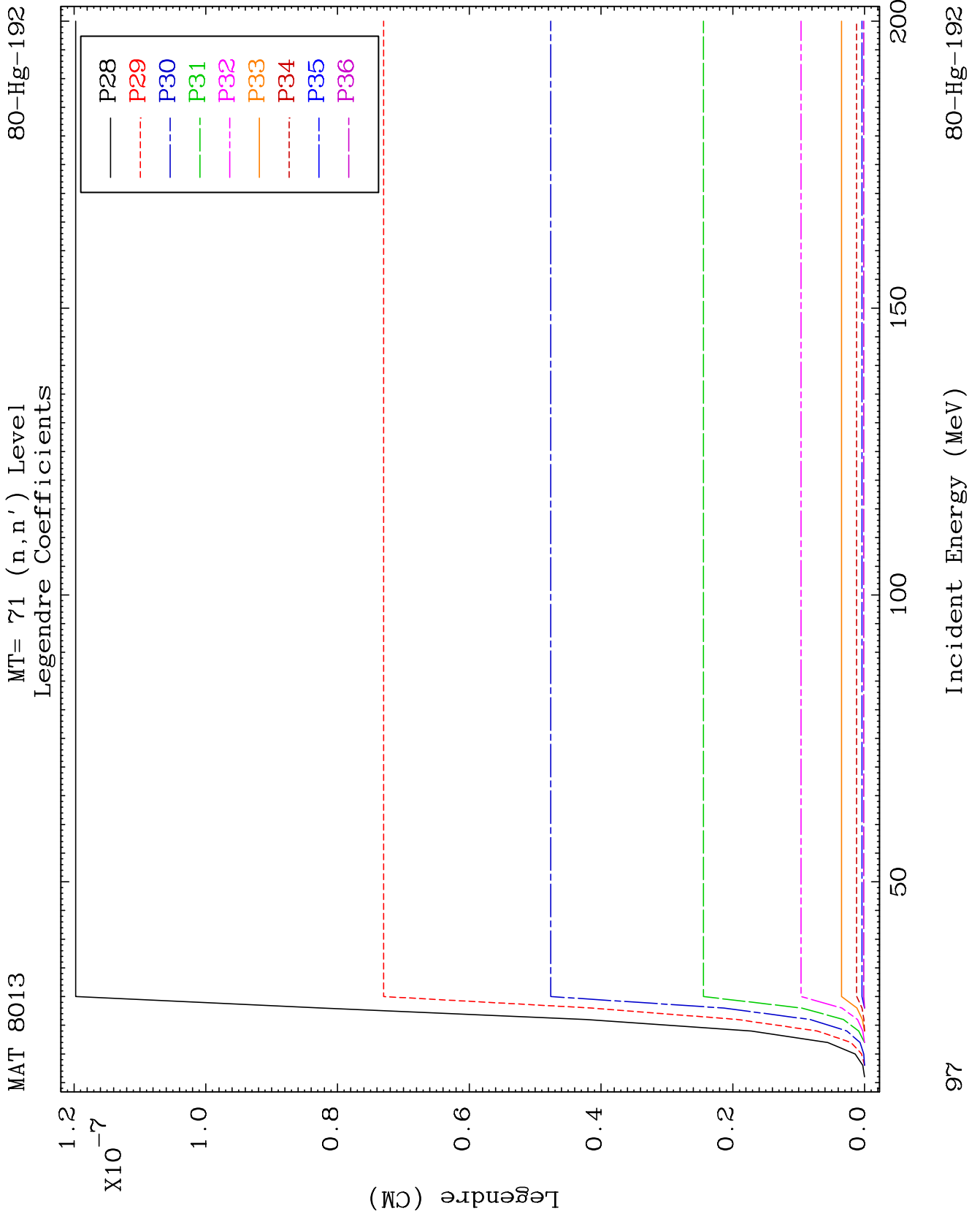
MT= 71 (n,n') Level
Legendre Coefficients

80-Hg-192



96

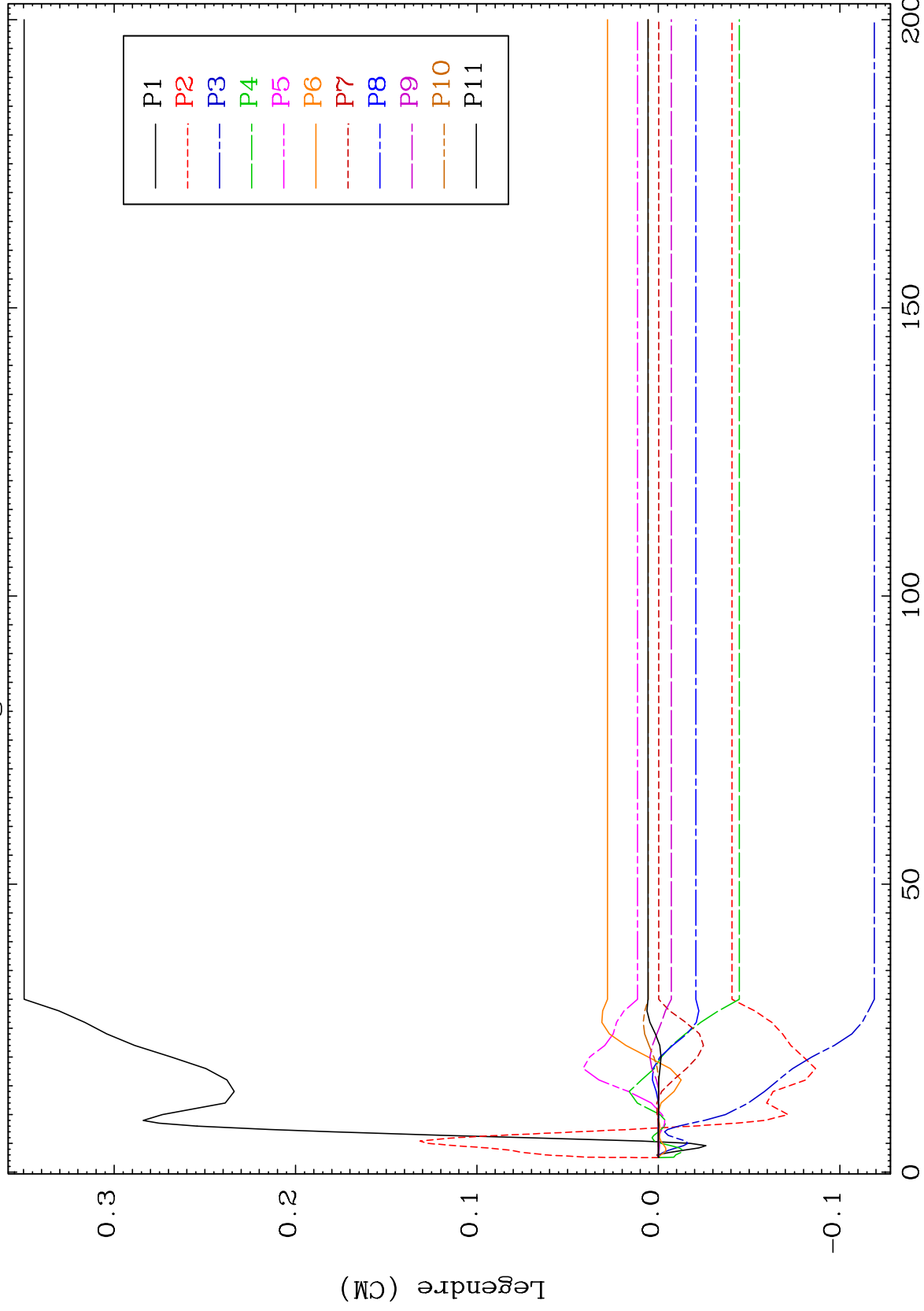
80-Hg-192



MAT 8013

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

80-Hg-192



98

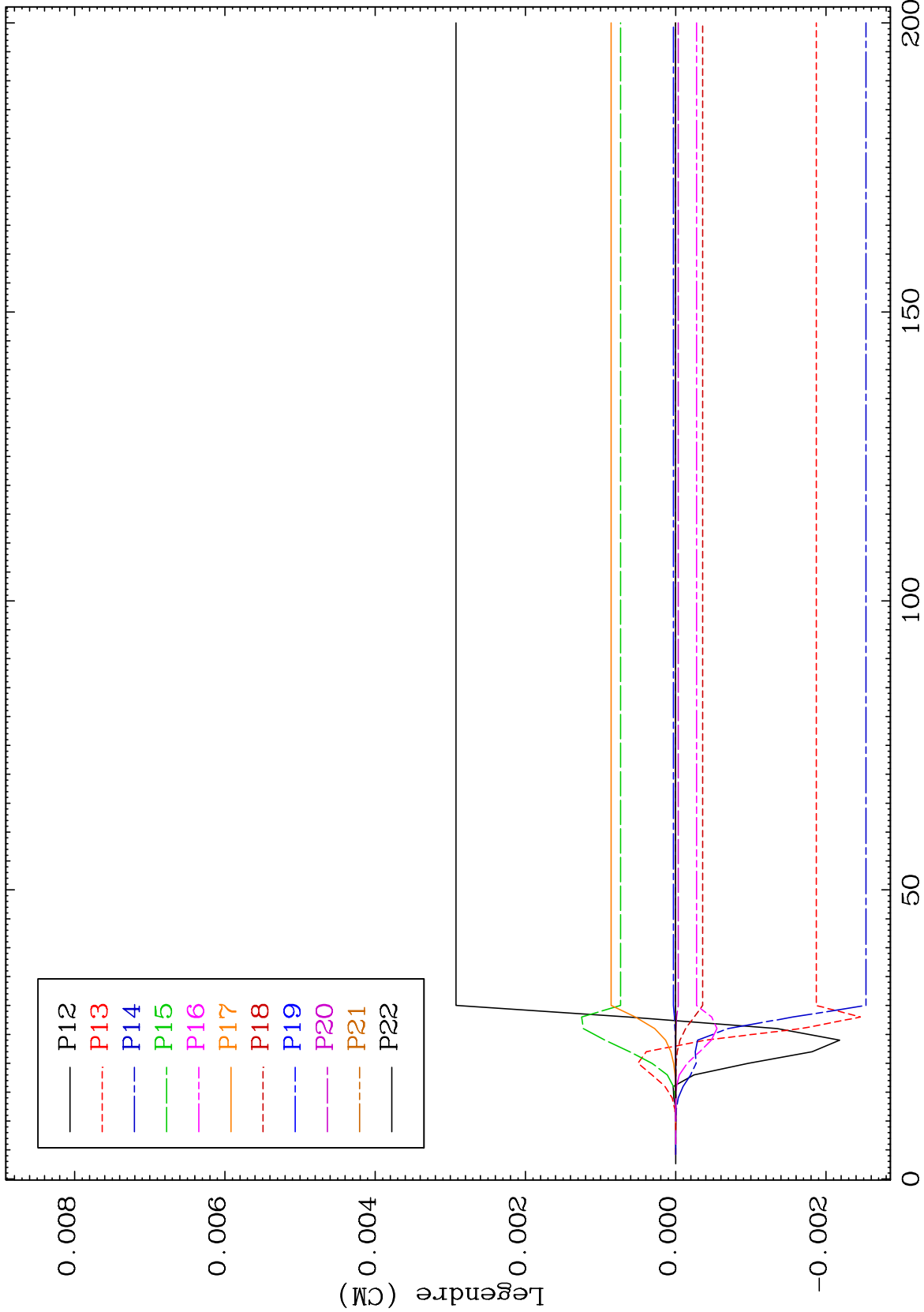
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



99

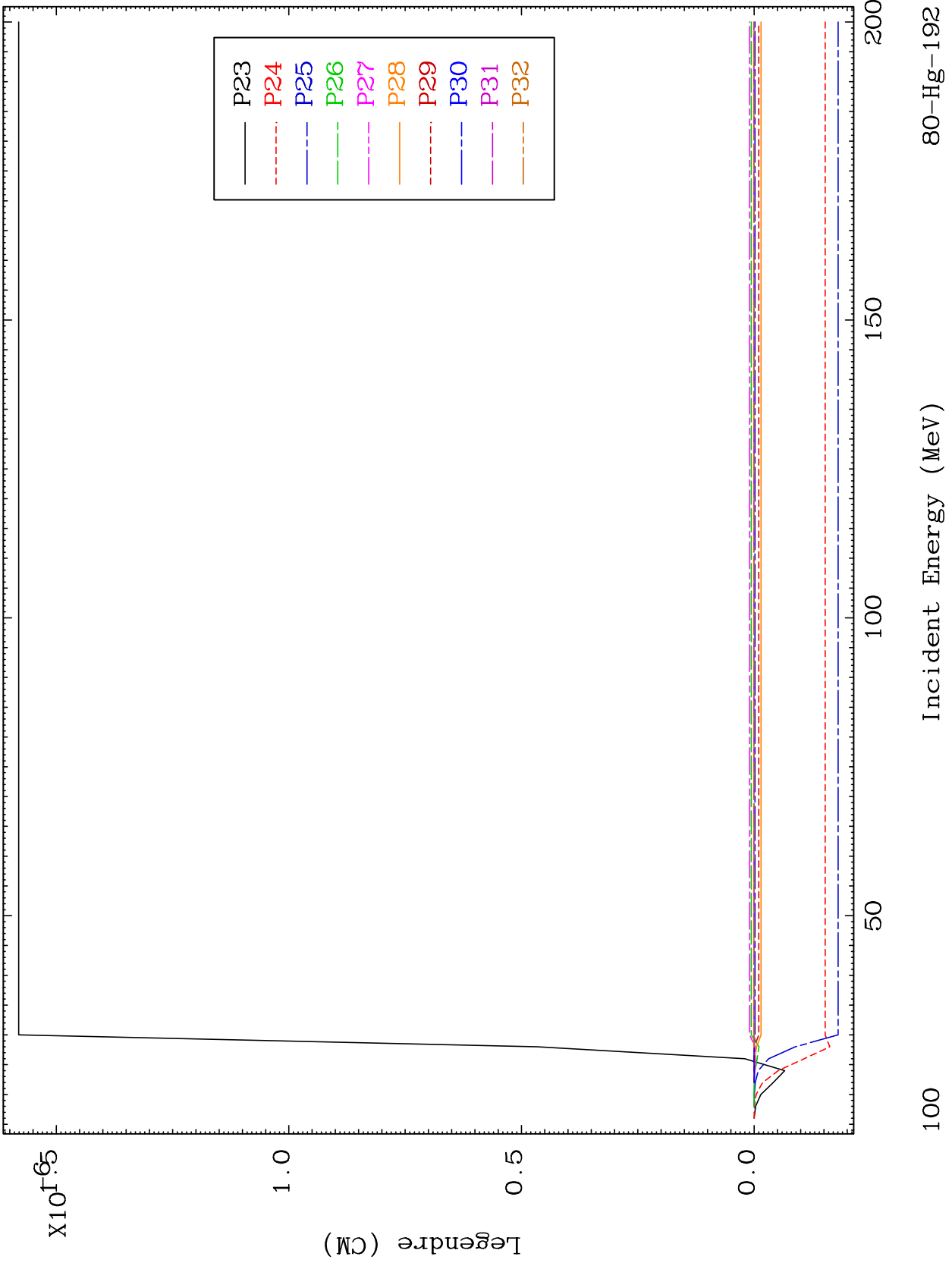
Incident Energy (MeV)

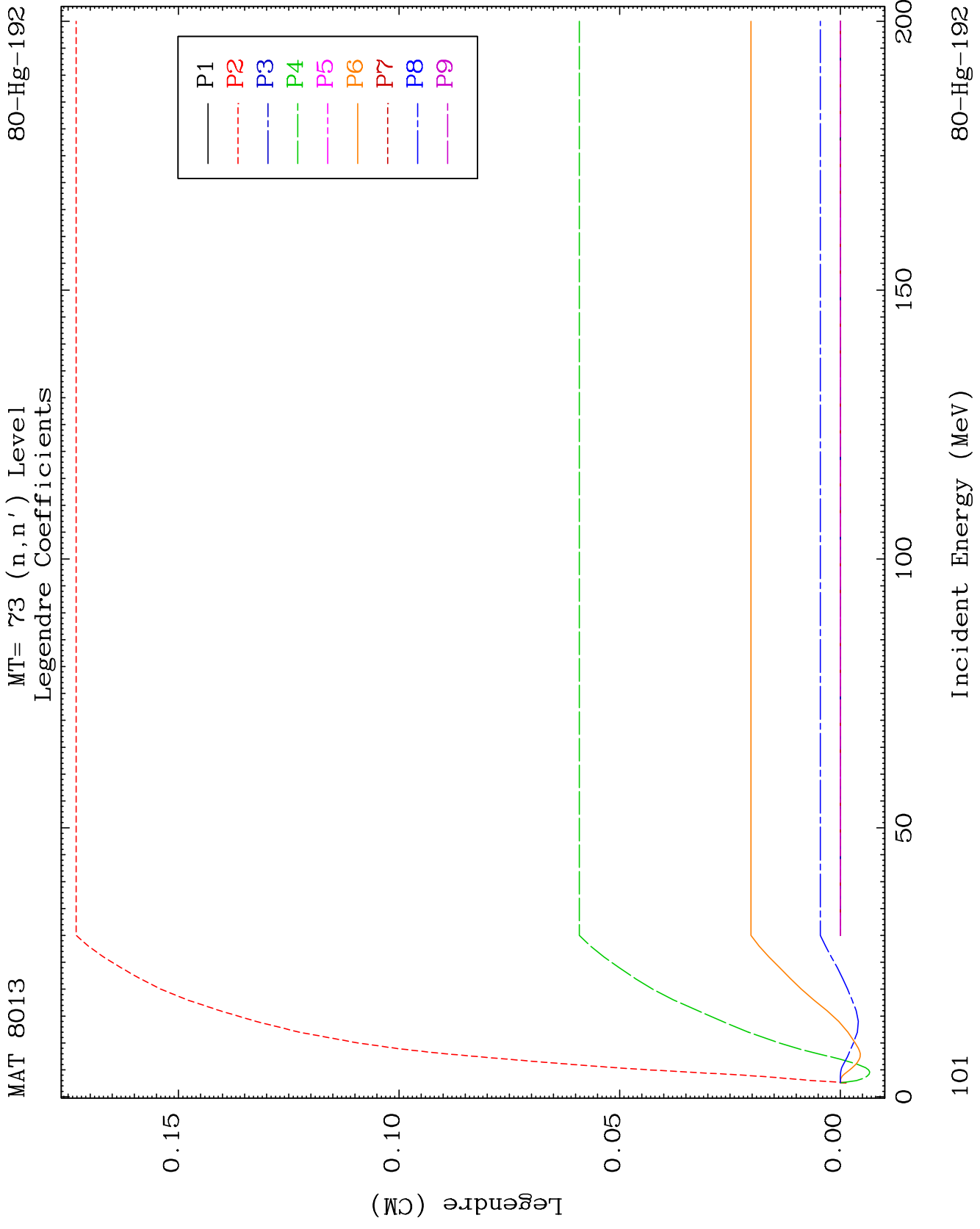
80-Hg-192

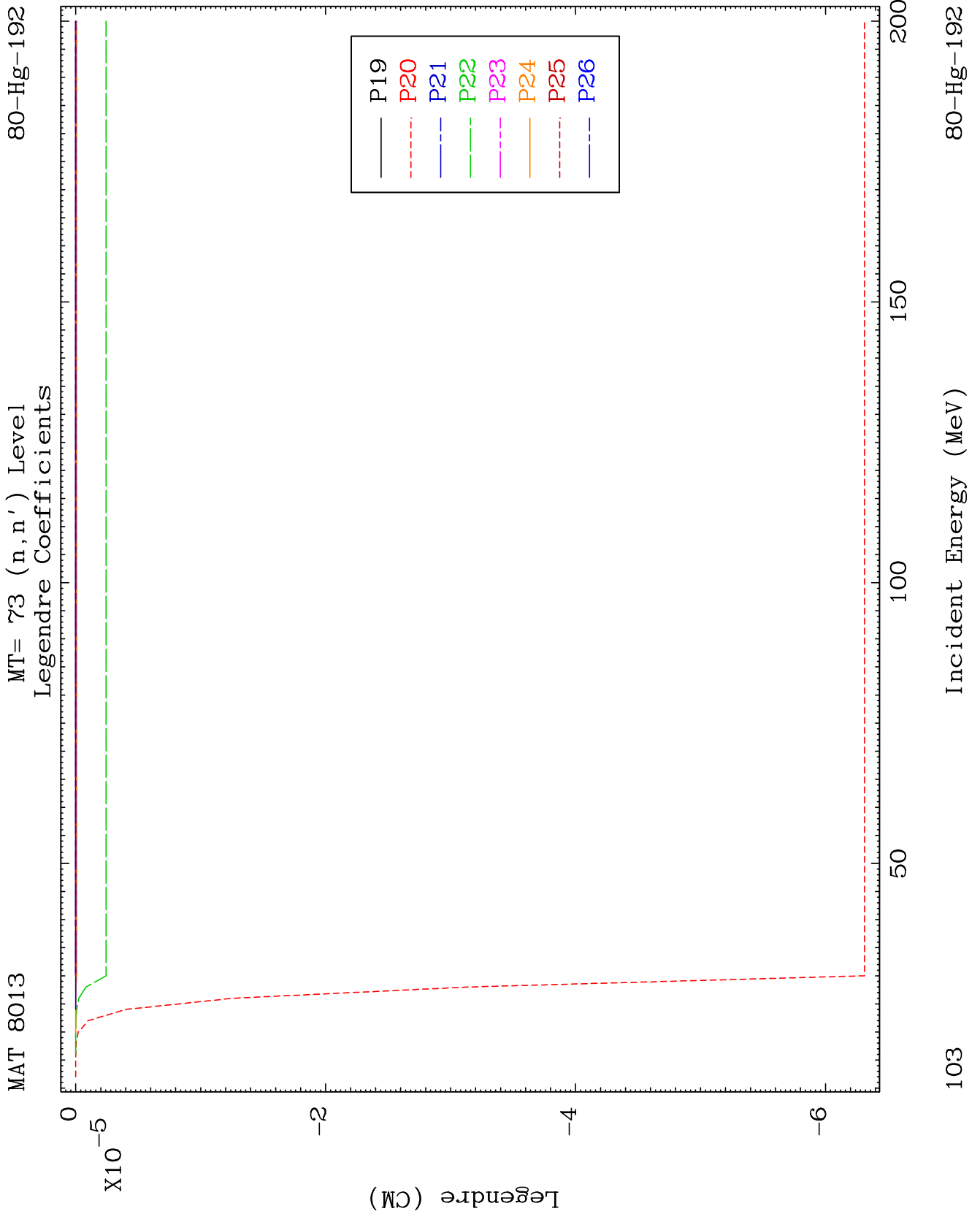
MAT 8013

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

80-Hg-192



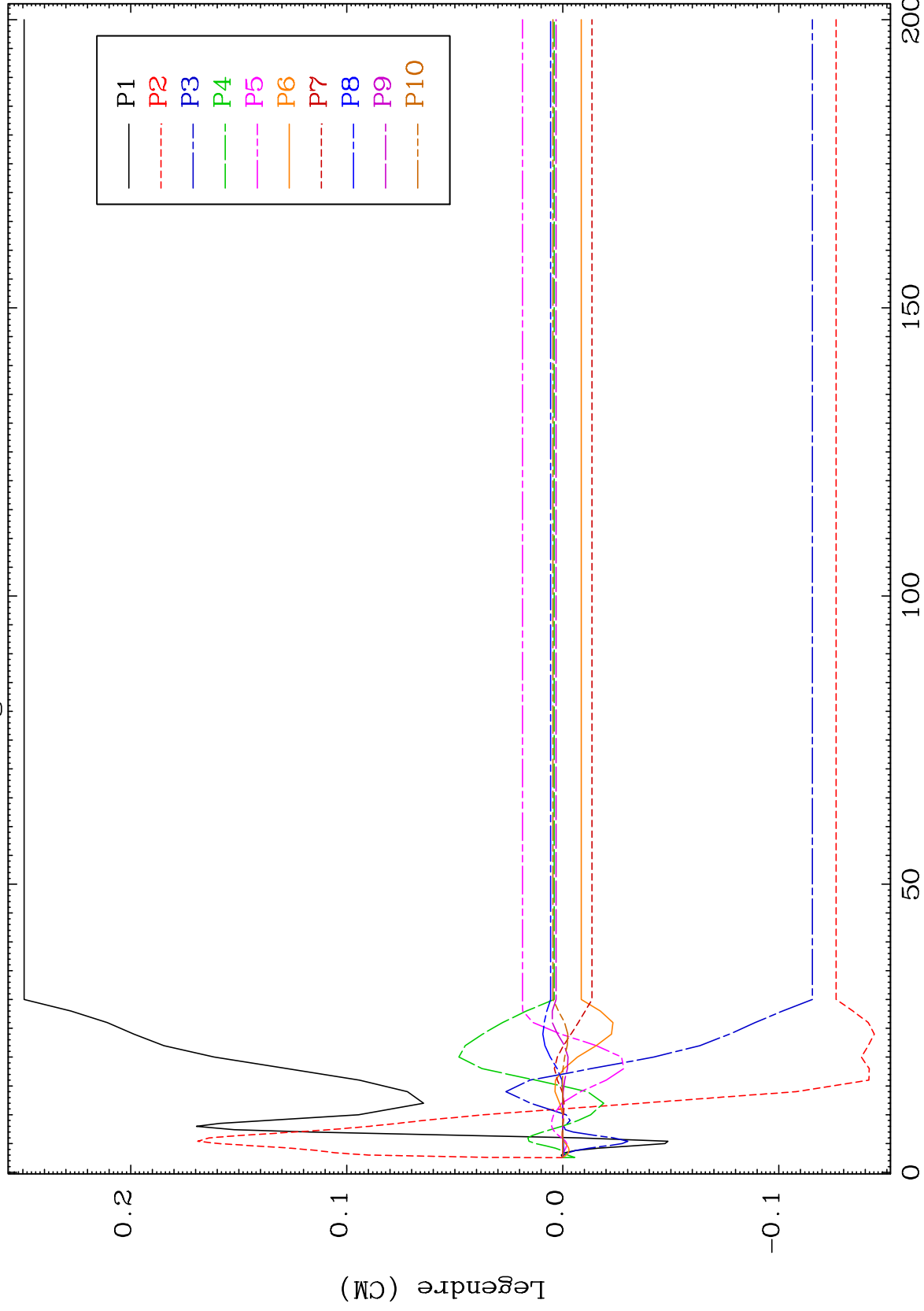




MAT 8013

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

80-Hg-192



104

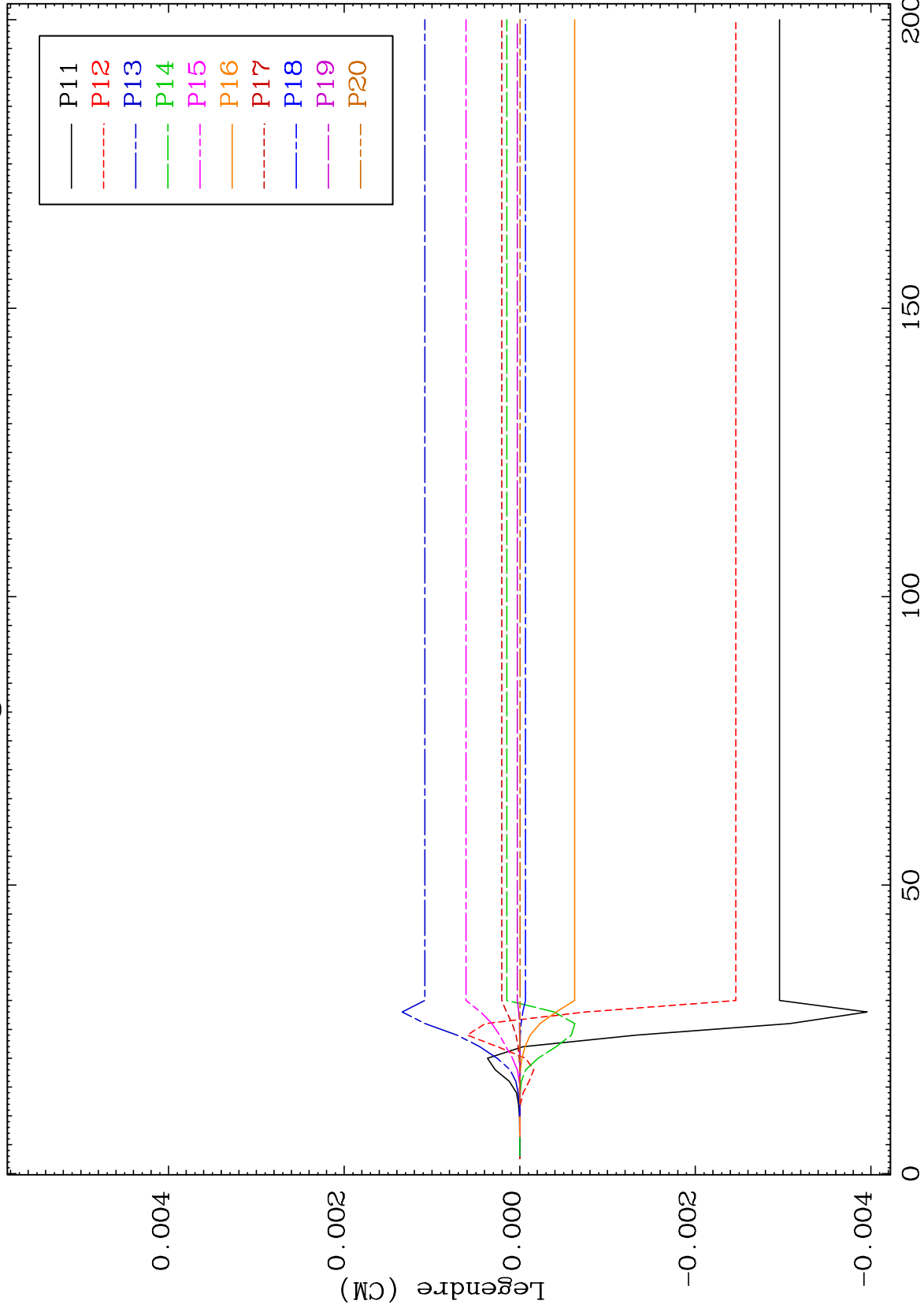
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



105

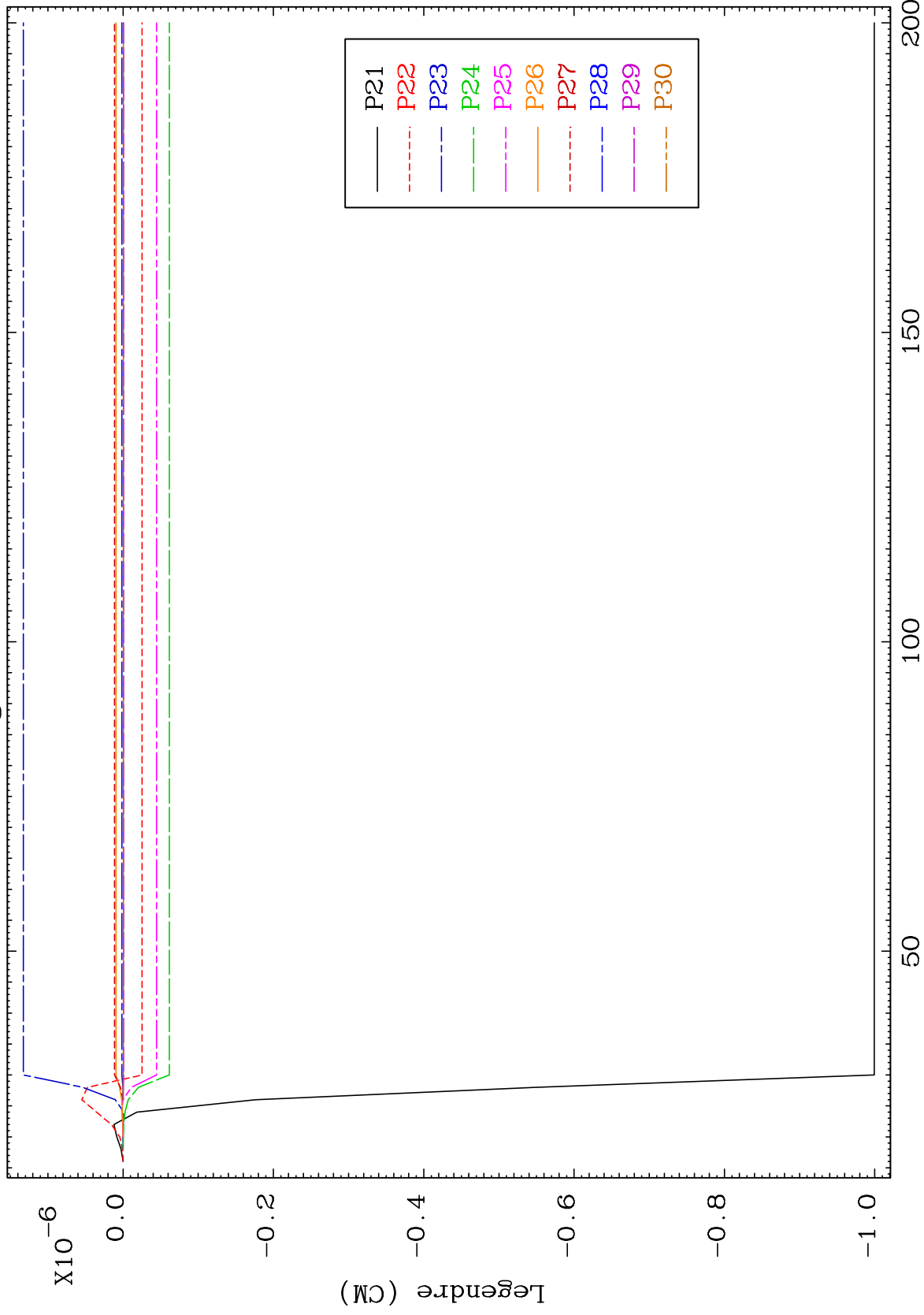
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



106

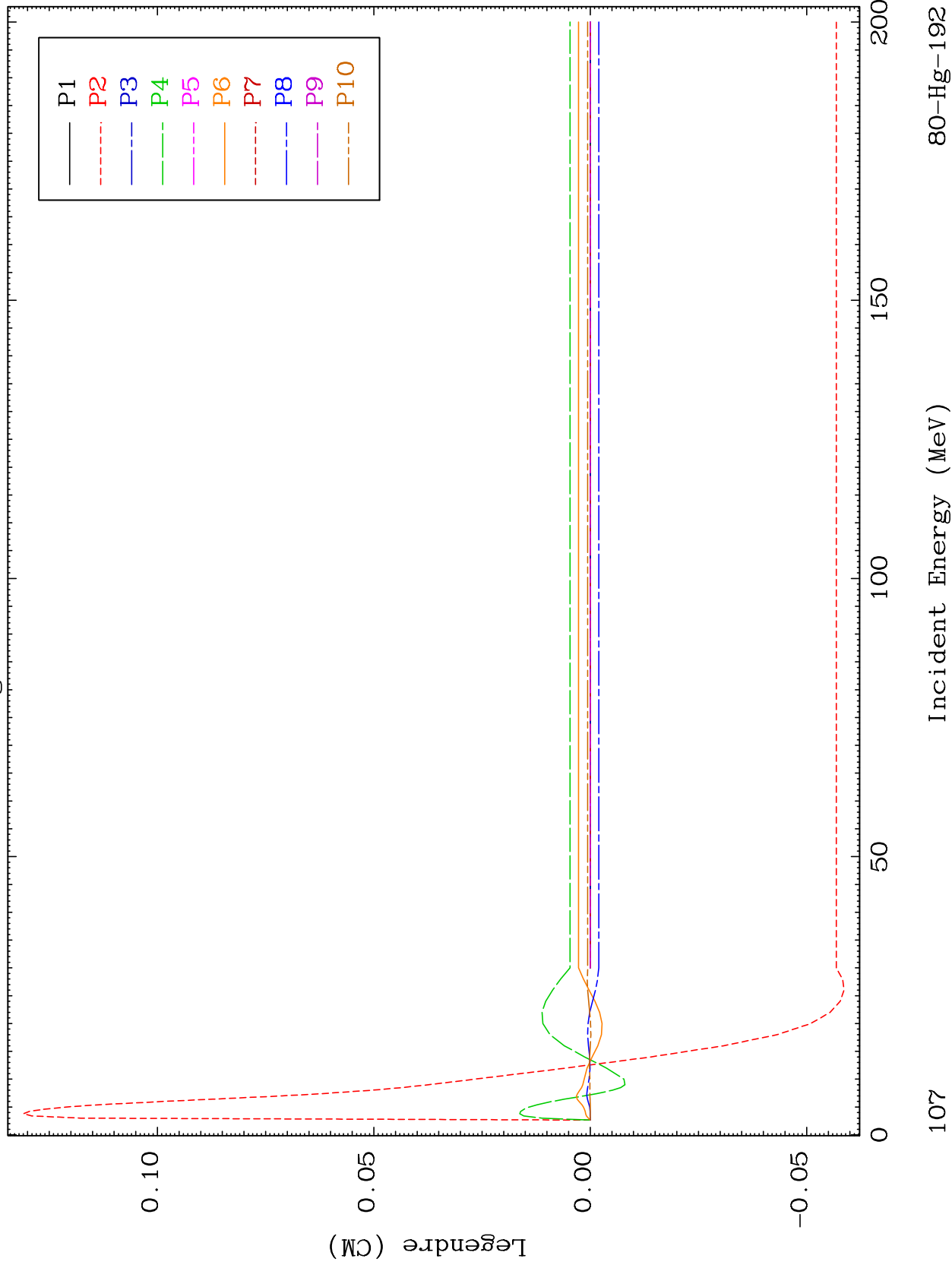
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



80-Hg-192

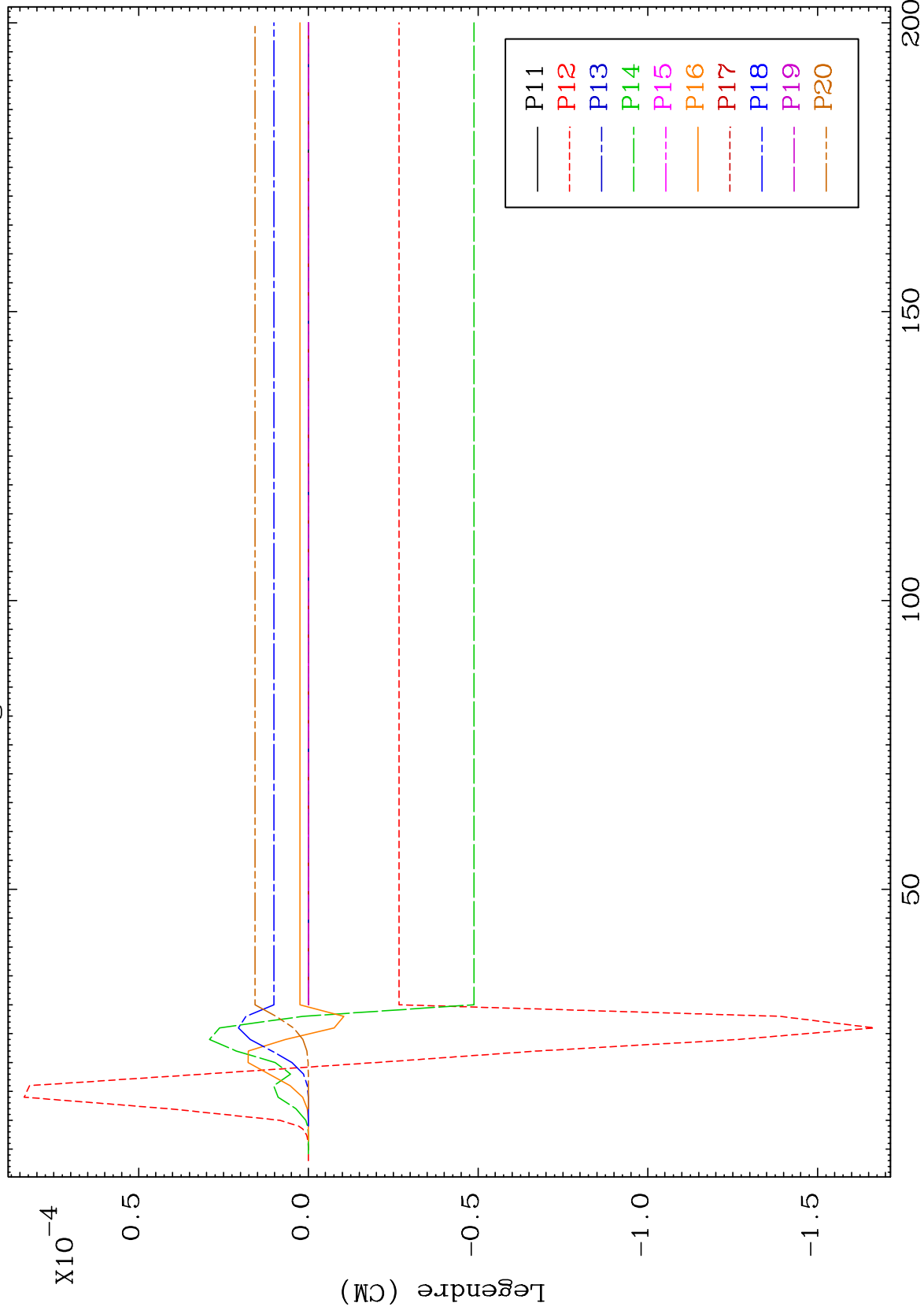
Incident Energy (MeV)

107

MAT 8013

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

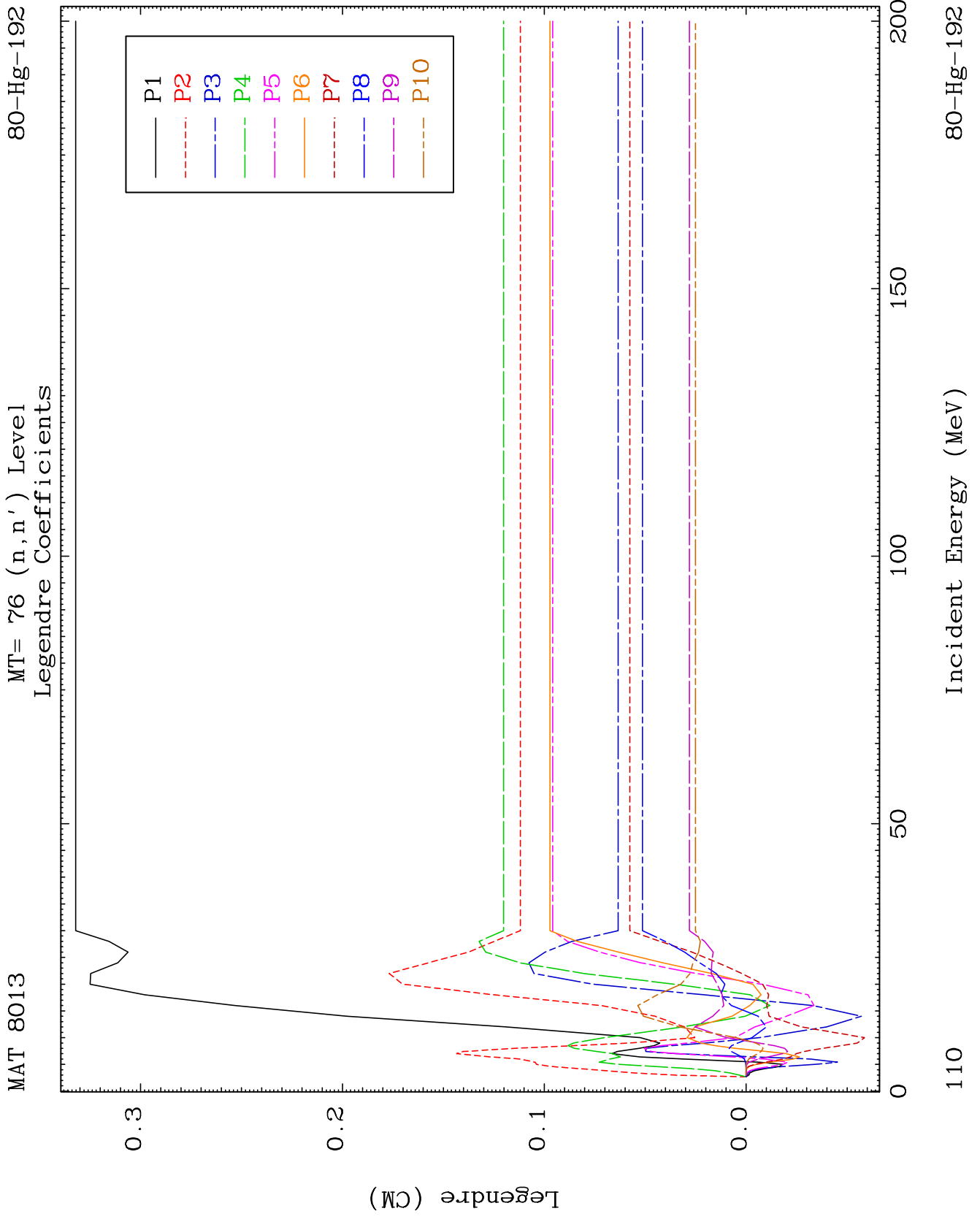
80-Hg-192

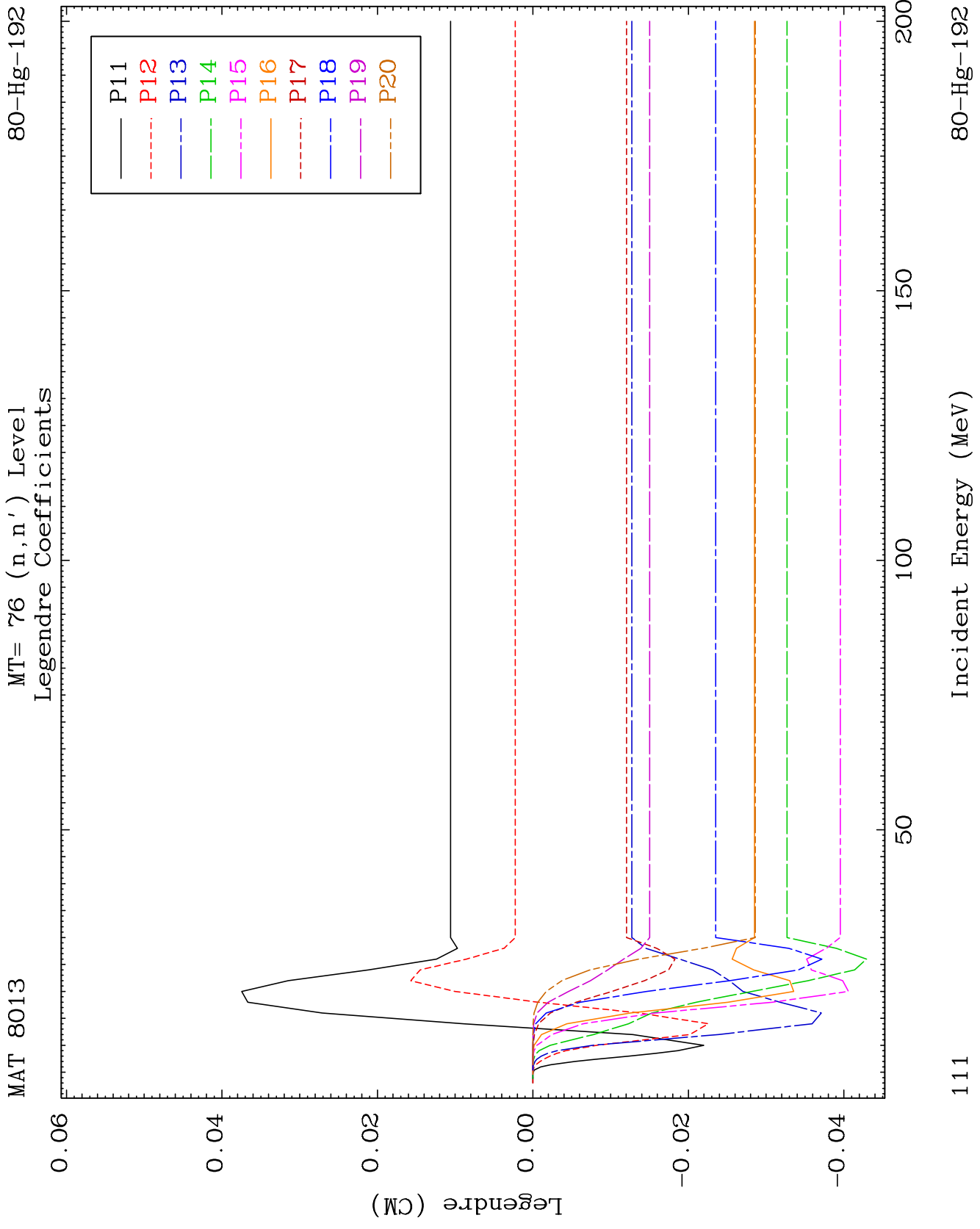


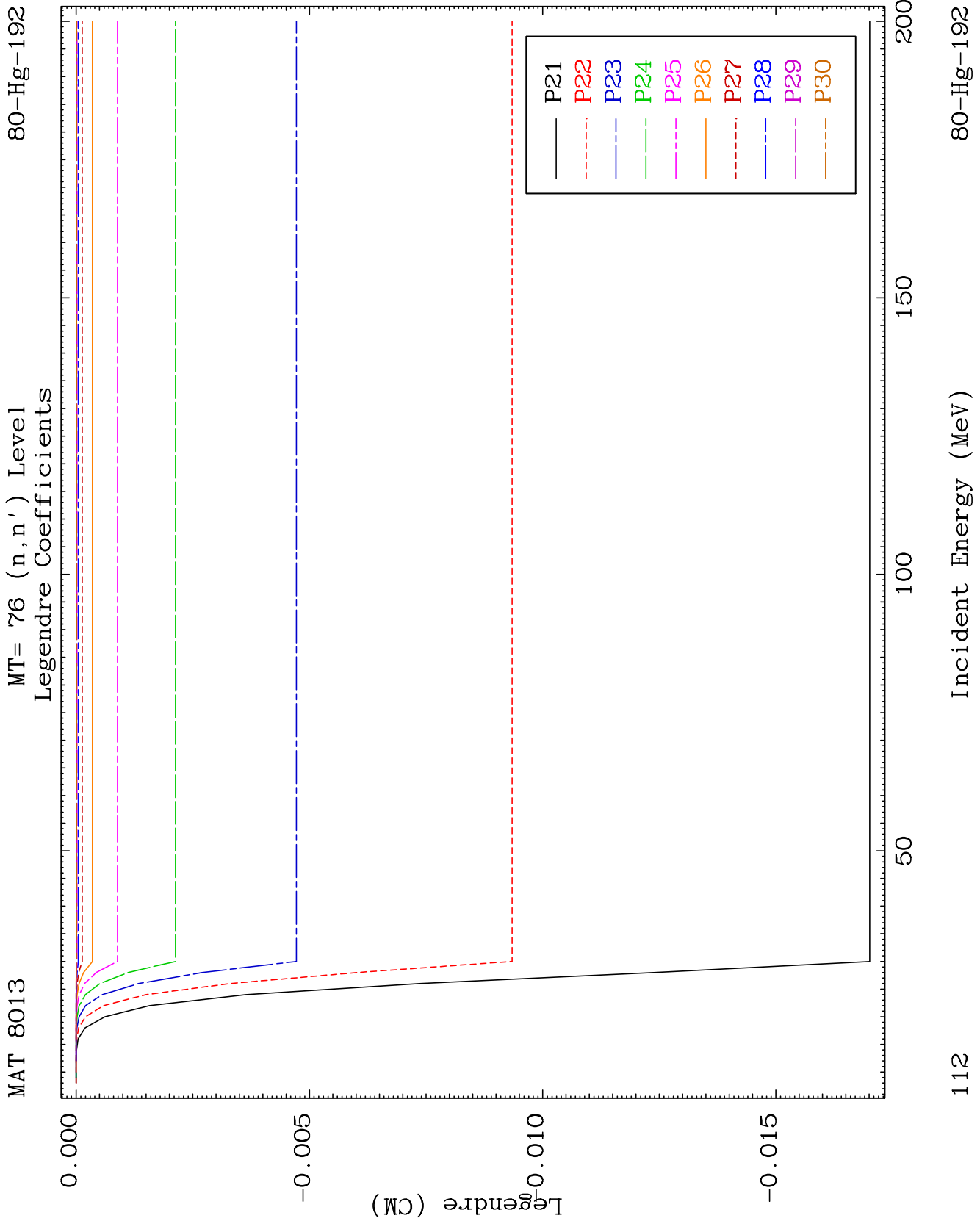
108

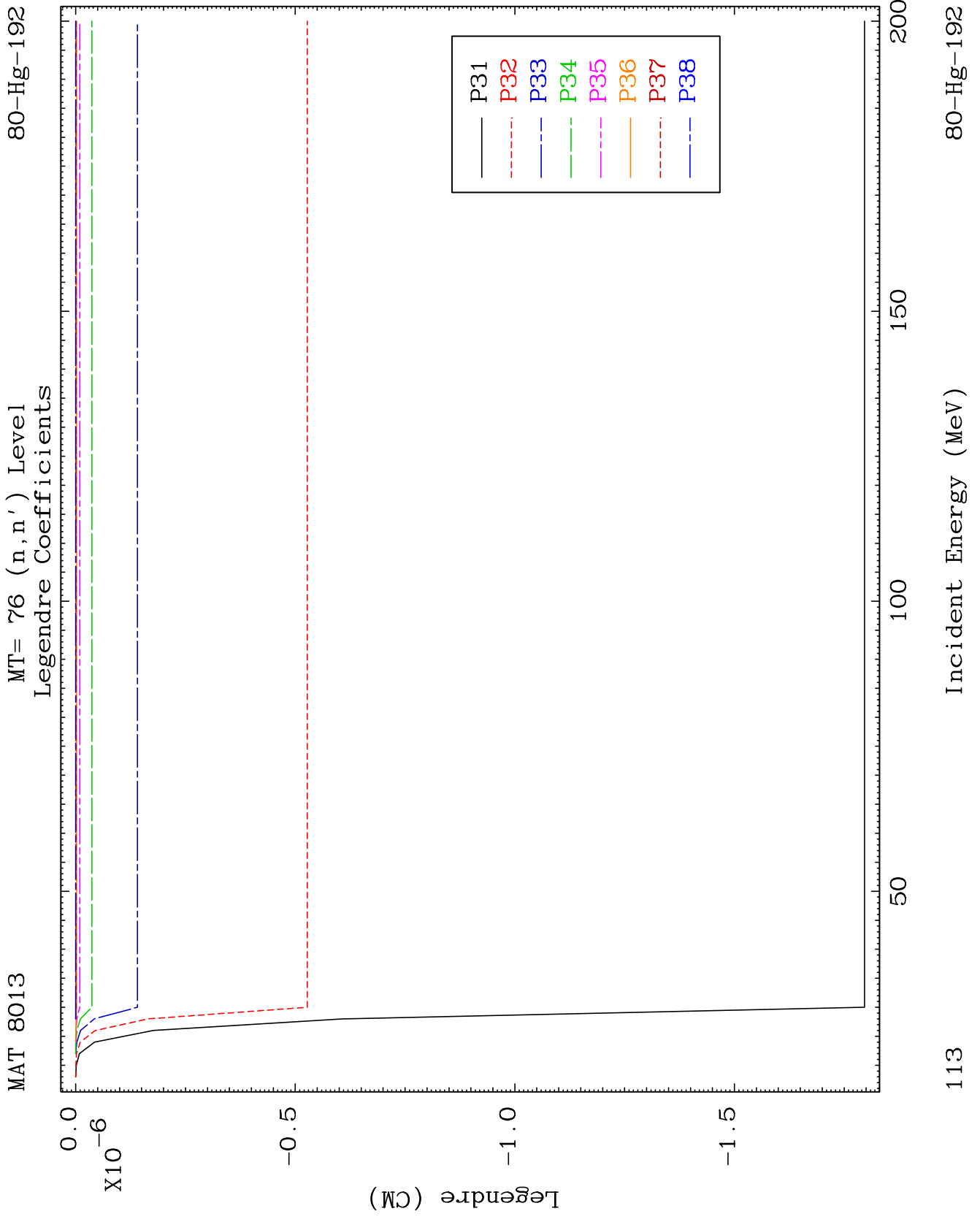
Incident Energy (MeV)

80-Hg-192







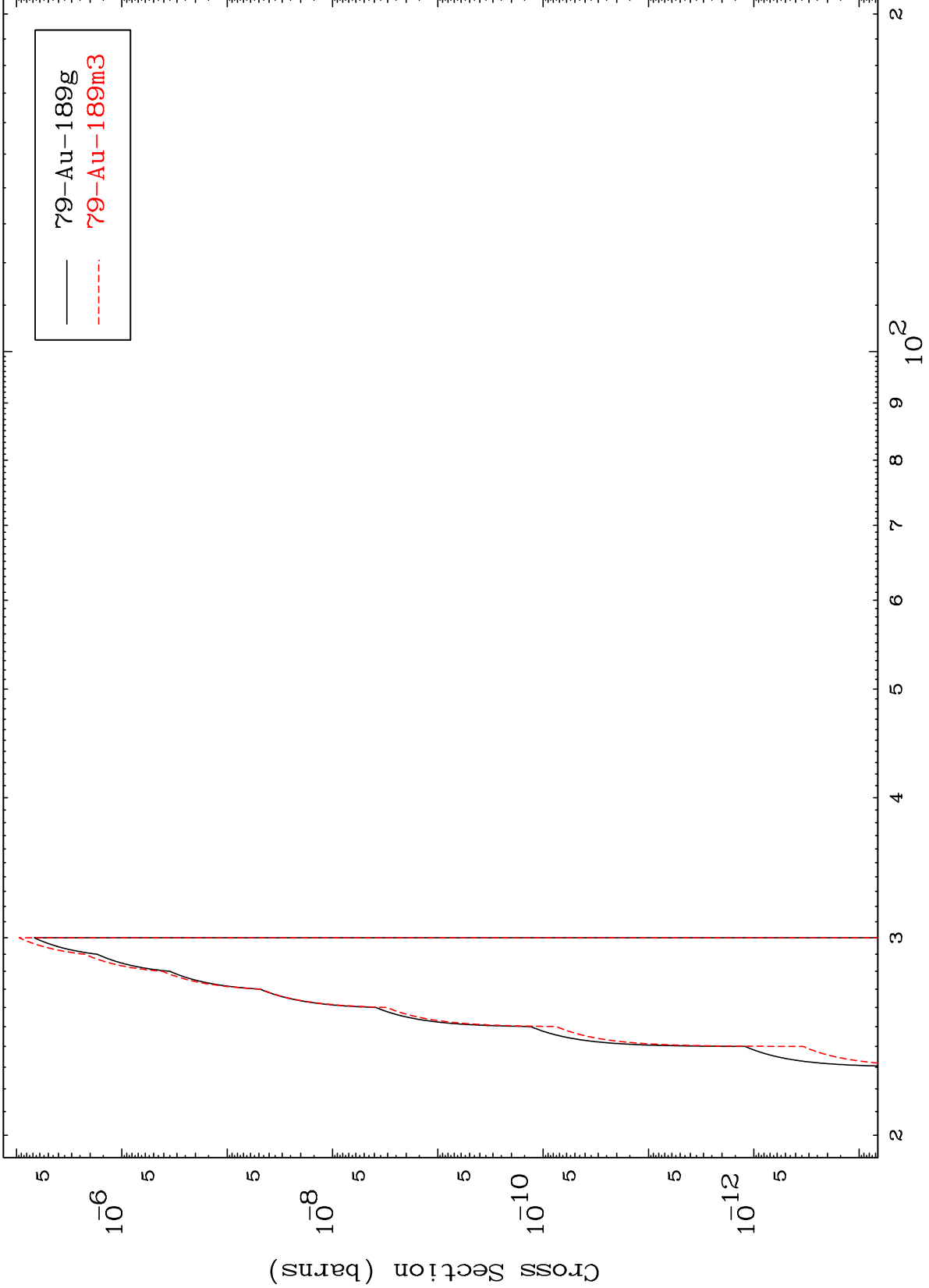


MAT 8013

(n,2n) d

80-Hg-192

Radionuclide Production Cross Section



114

Incident Energy (MeV)

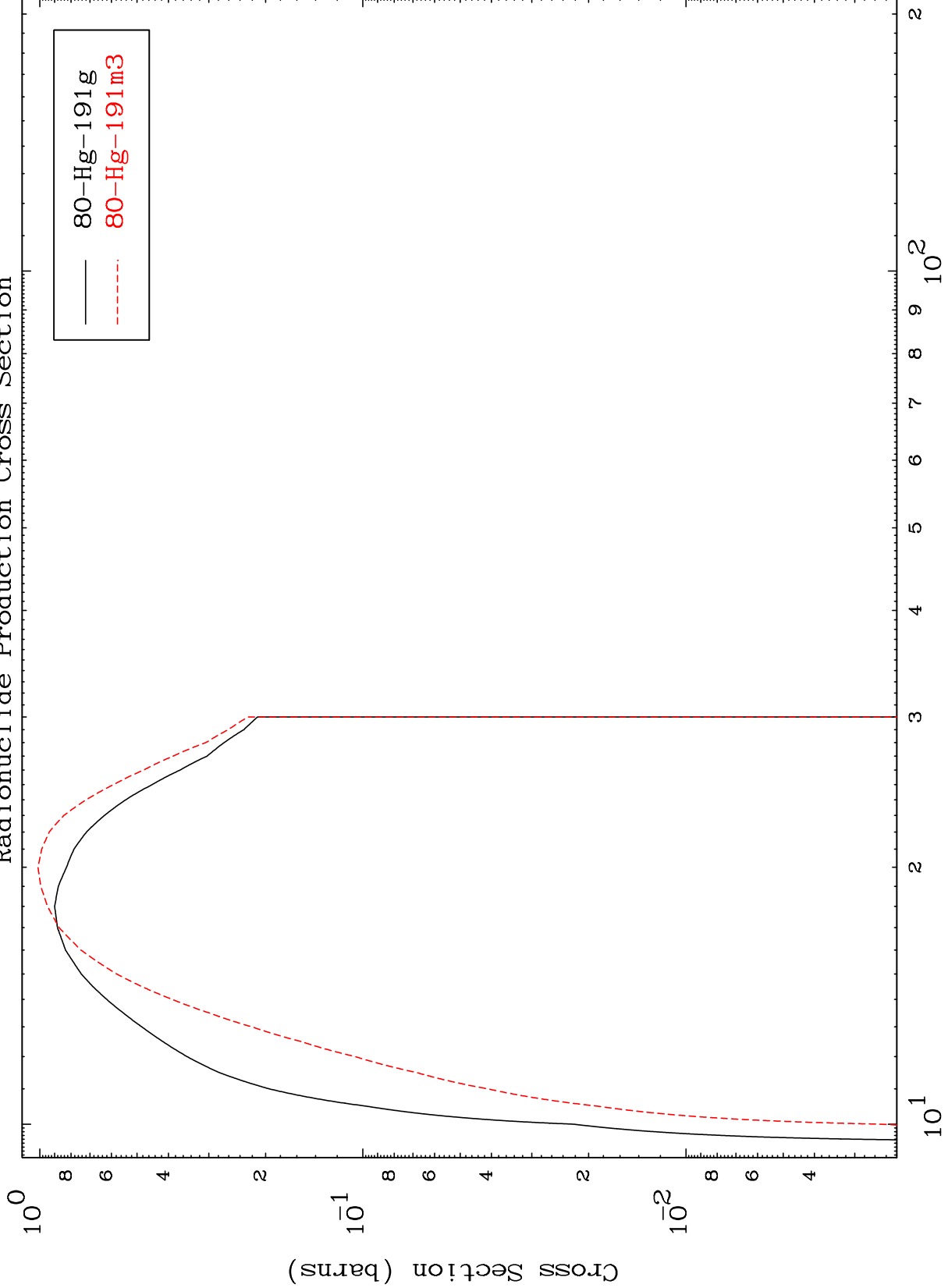
80-Hg-192

MAT 8013

(n,2n)

80-Hg-192

Radionuclide Production Cross Section



80-Hg-191 g
80-Hg-191 m3

Incident Energy (MeV)

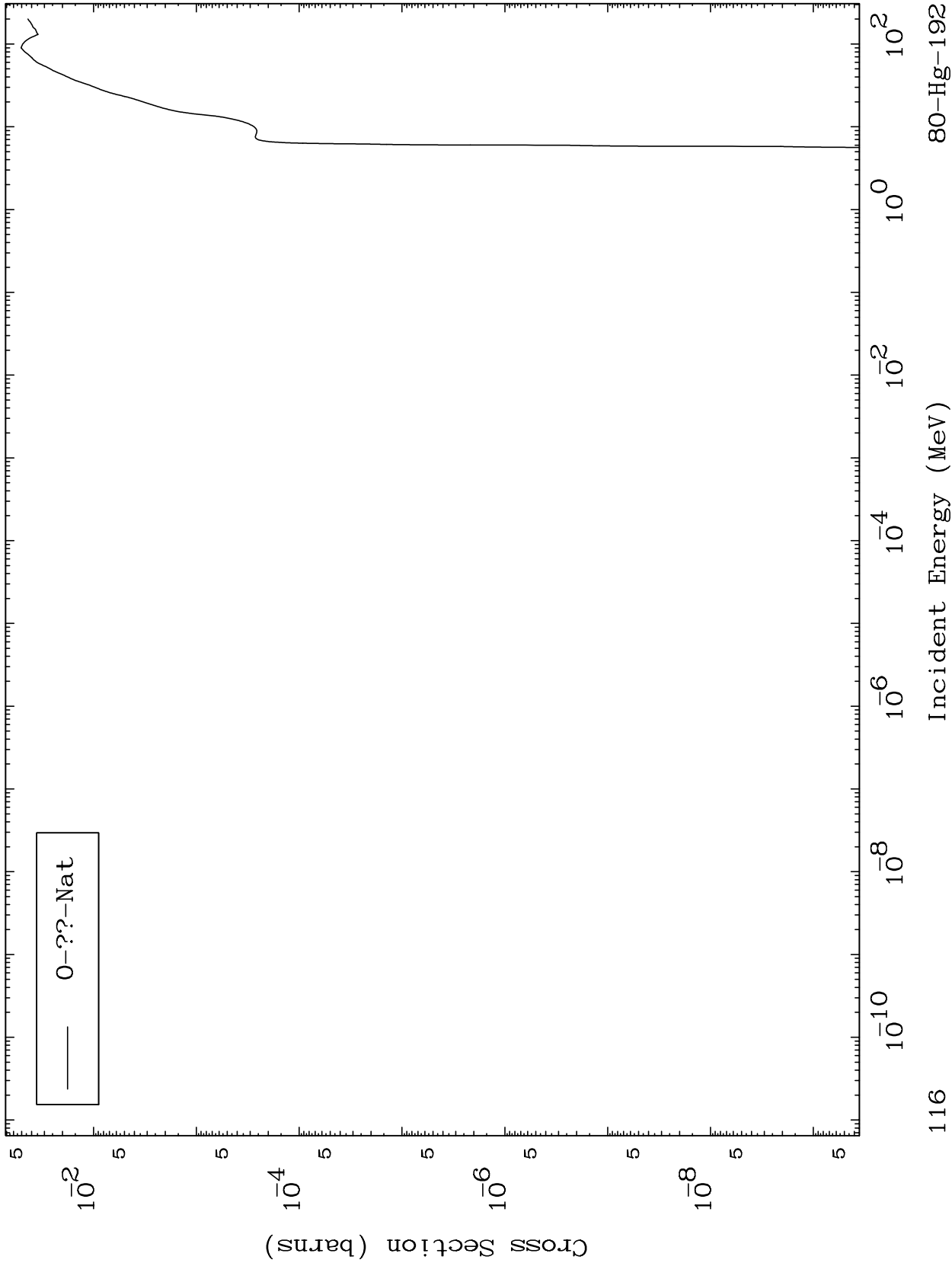
80-Hg-192

MAT 8013

Fission

80-Hg-192

Radionuclide Production Cross Section



116

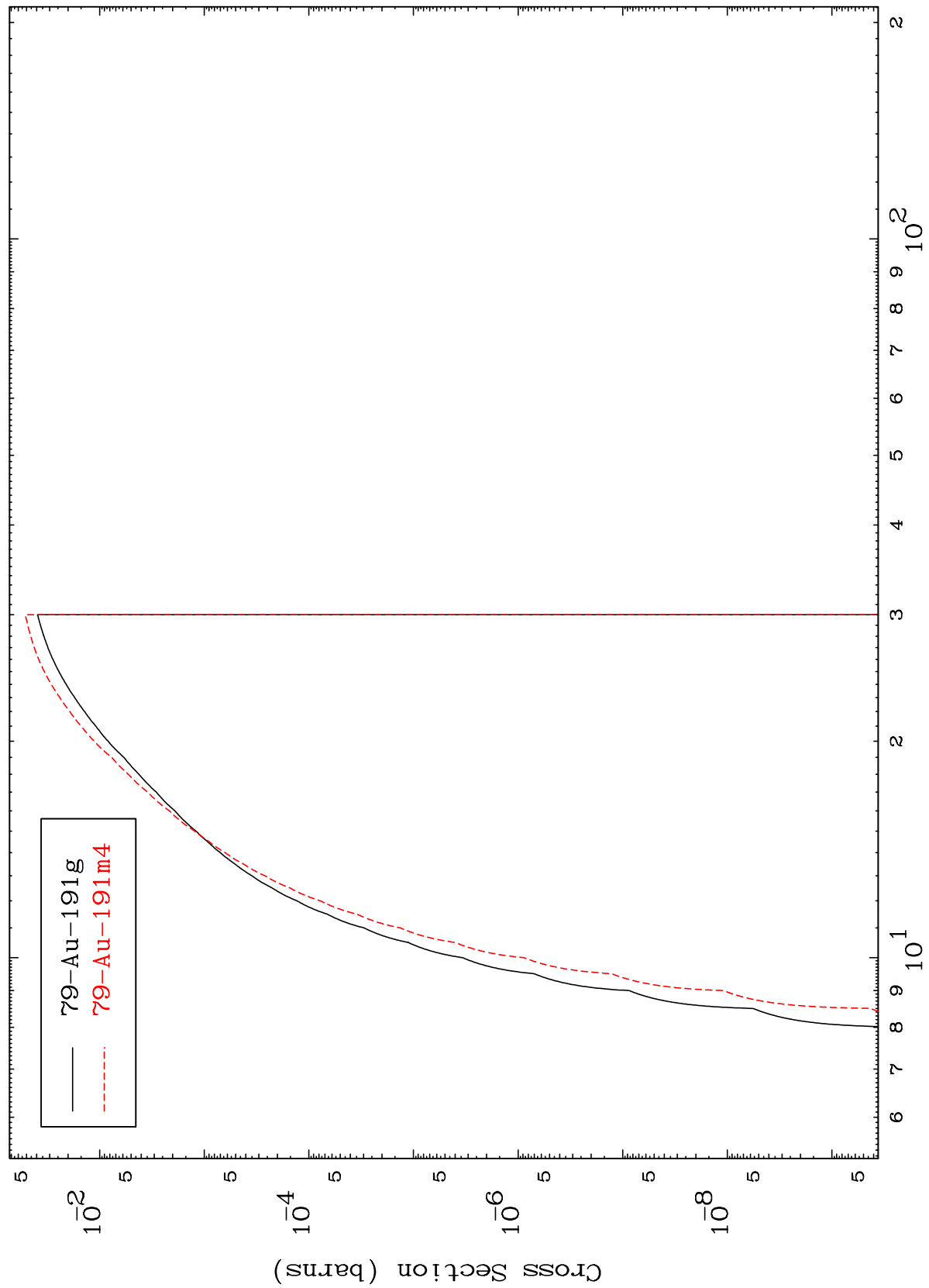
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(n,n') p
Radionuclide Production Cross Section



117

Incident Energy (MeV)

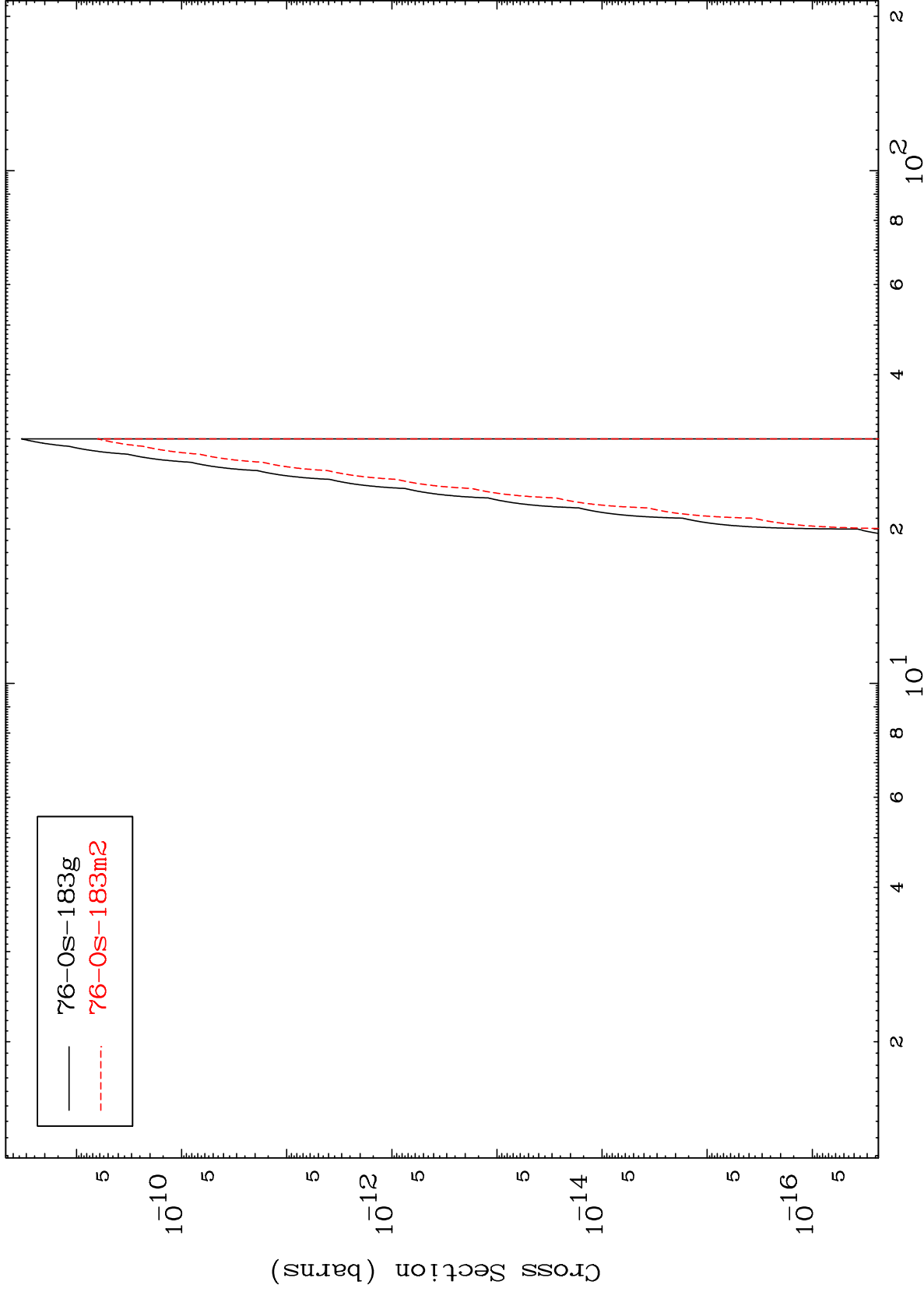
80-Hg-192

MAT 8013

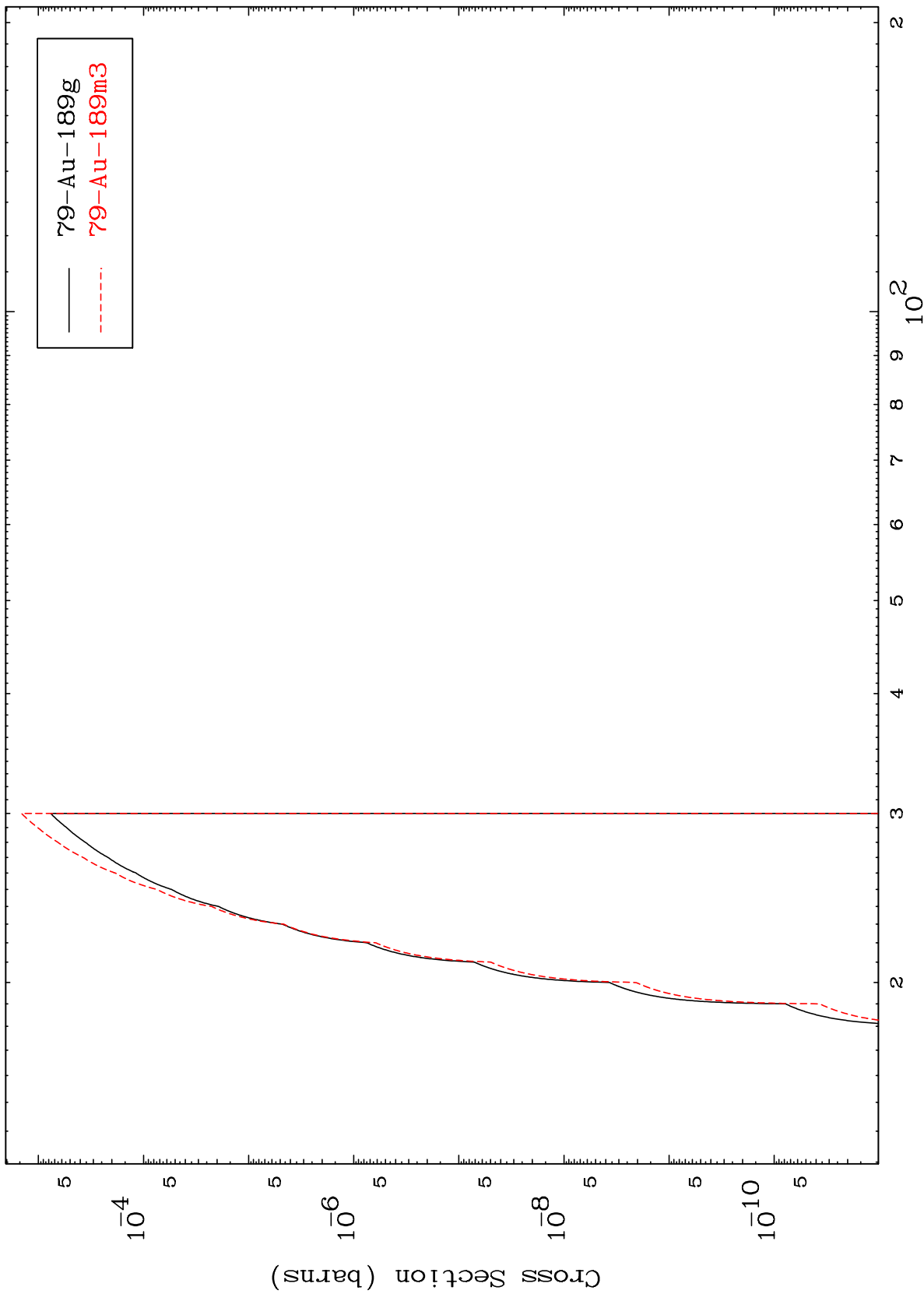
(n,2n) 2 α

80-Hg-192

Radionuclide Production Cross Section



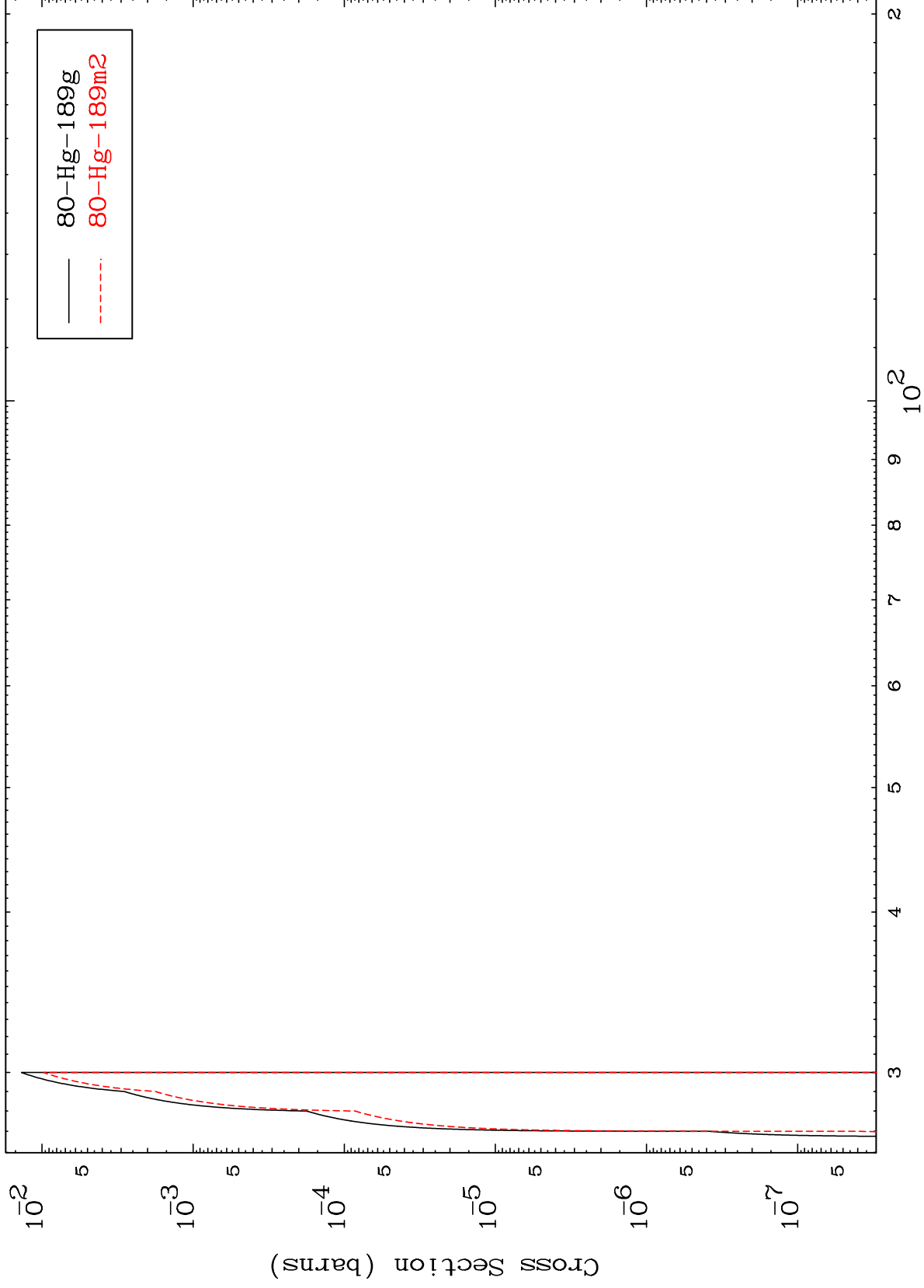
Radionuclide Production Cross Section



MAT 8013

80-Hg-192

(n,4n)
Radionuclide Production Cross Section



80-Hg-192

Incident Energy (MeV)

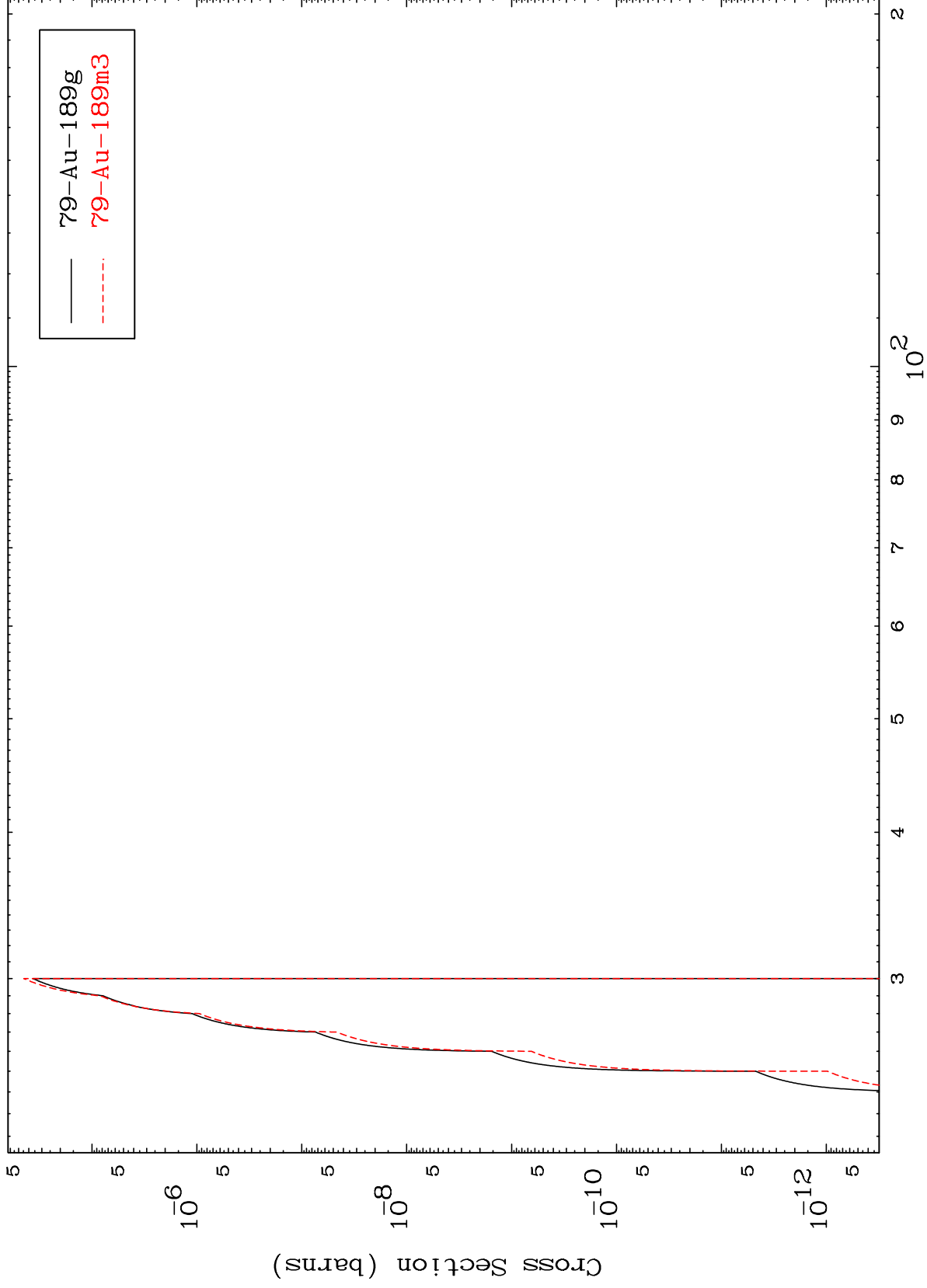
120

MAT 8013

(n,3n) p

80-Hg-192

Radionuclide Production Cross Section



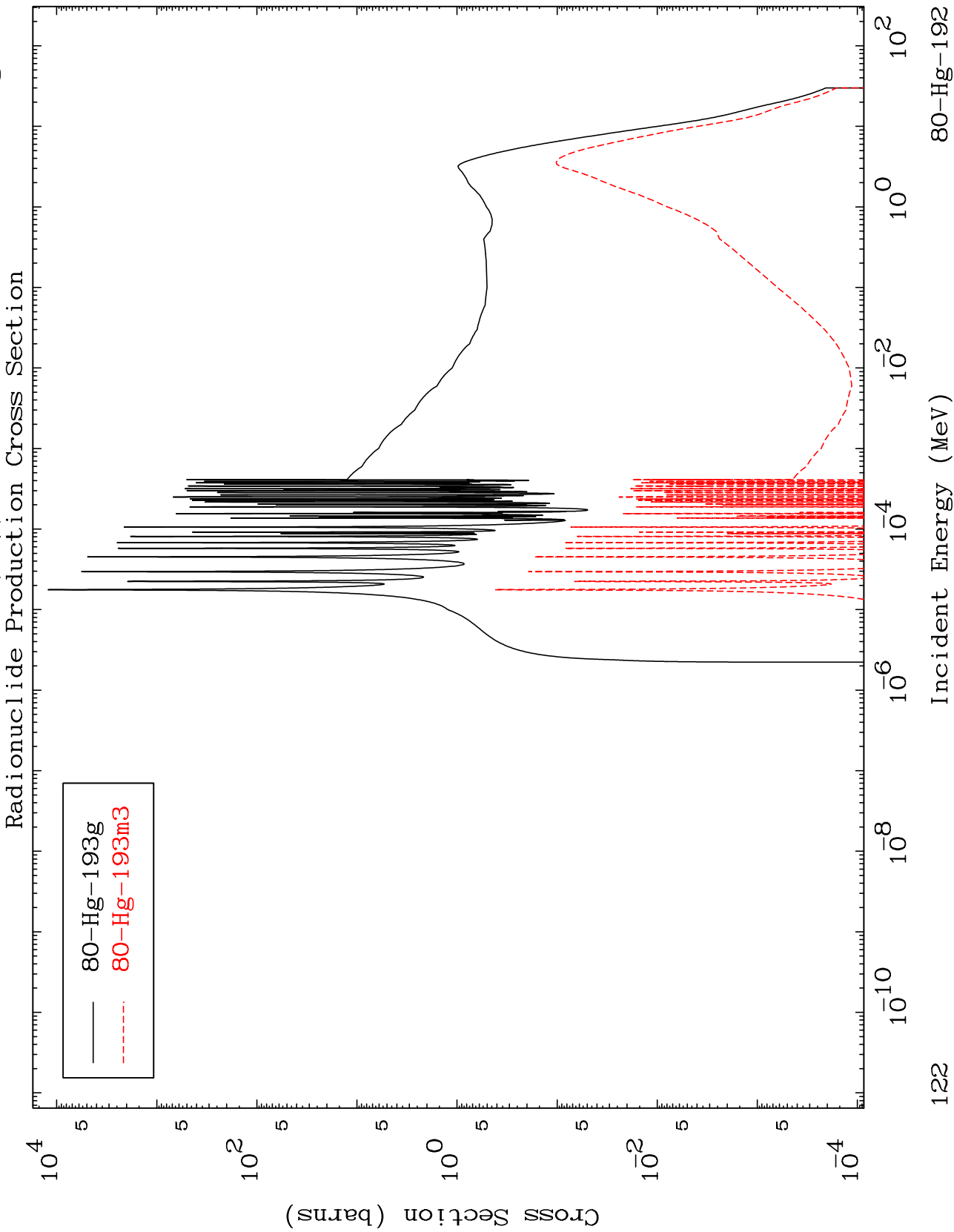
121

Incident Energy (MeV)

80-Hg-192

MAT 8013

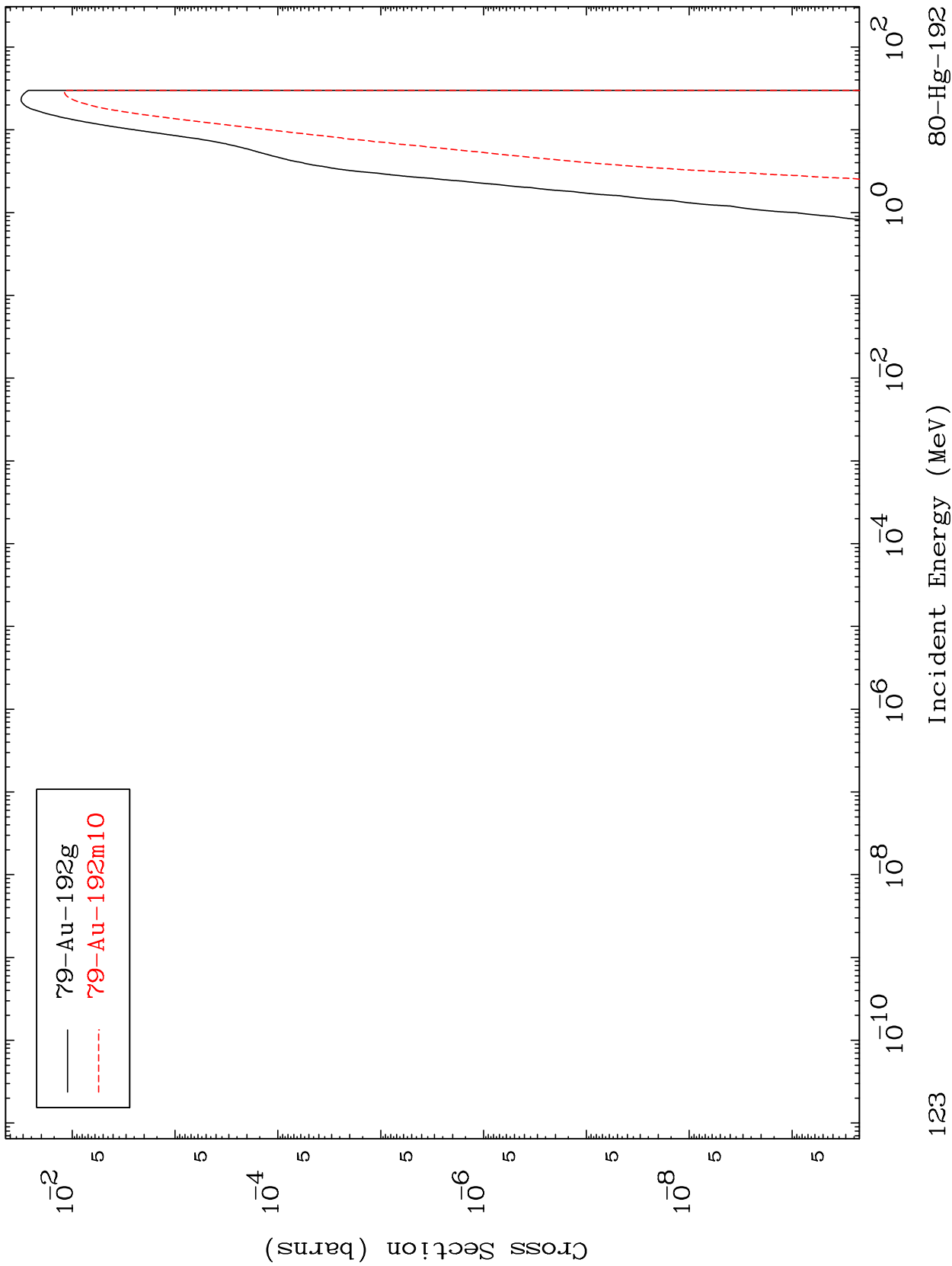
80-Hg-192



MAT 8013

(n,p)
Radionuclide Production Cross Section

80-Hg-192

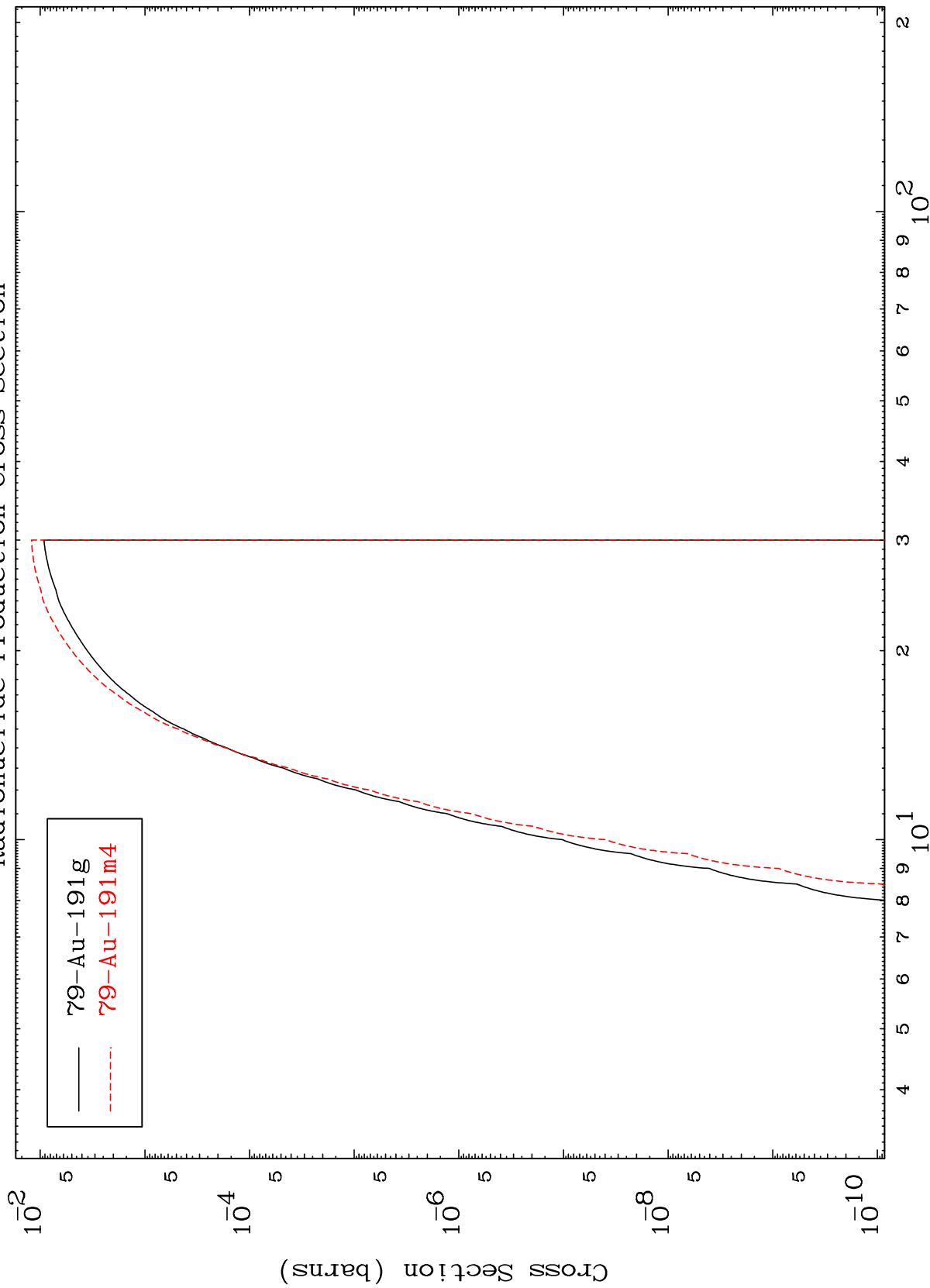


MAT 8013

80-Hg-192

Radionuclide Production Cross Section

(n,d)



124

Incident Energy (MeV)

80-Hg-192