

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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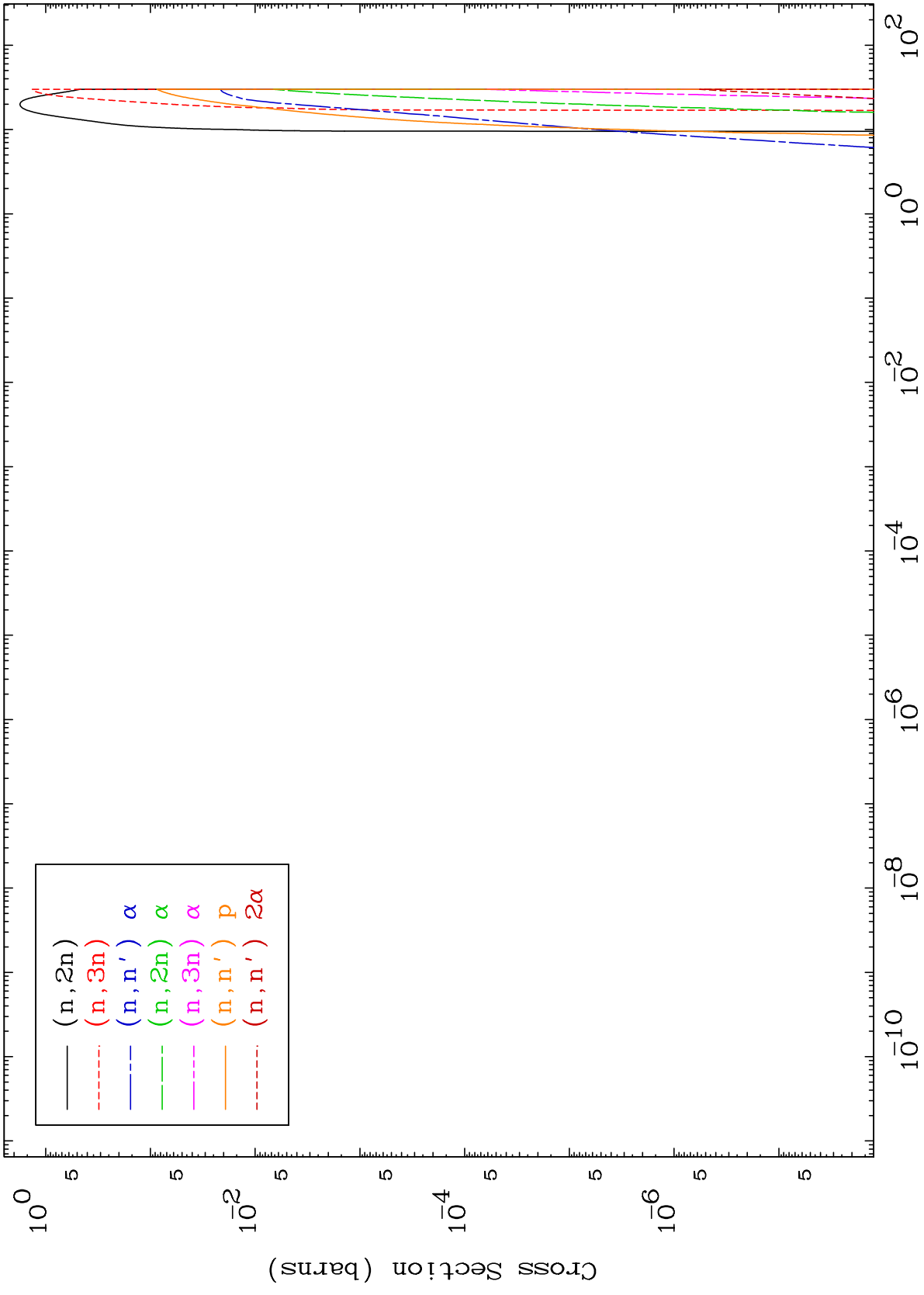
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8013

Neutron Production
293 Kelvin Cross Sections

80-Hg-192

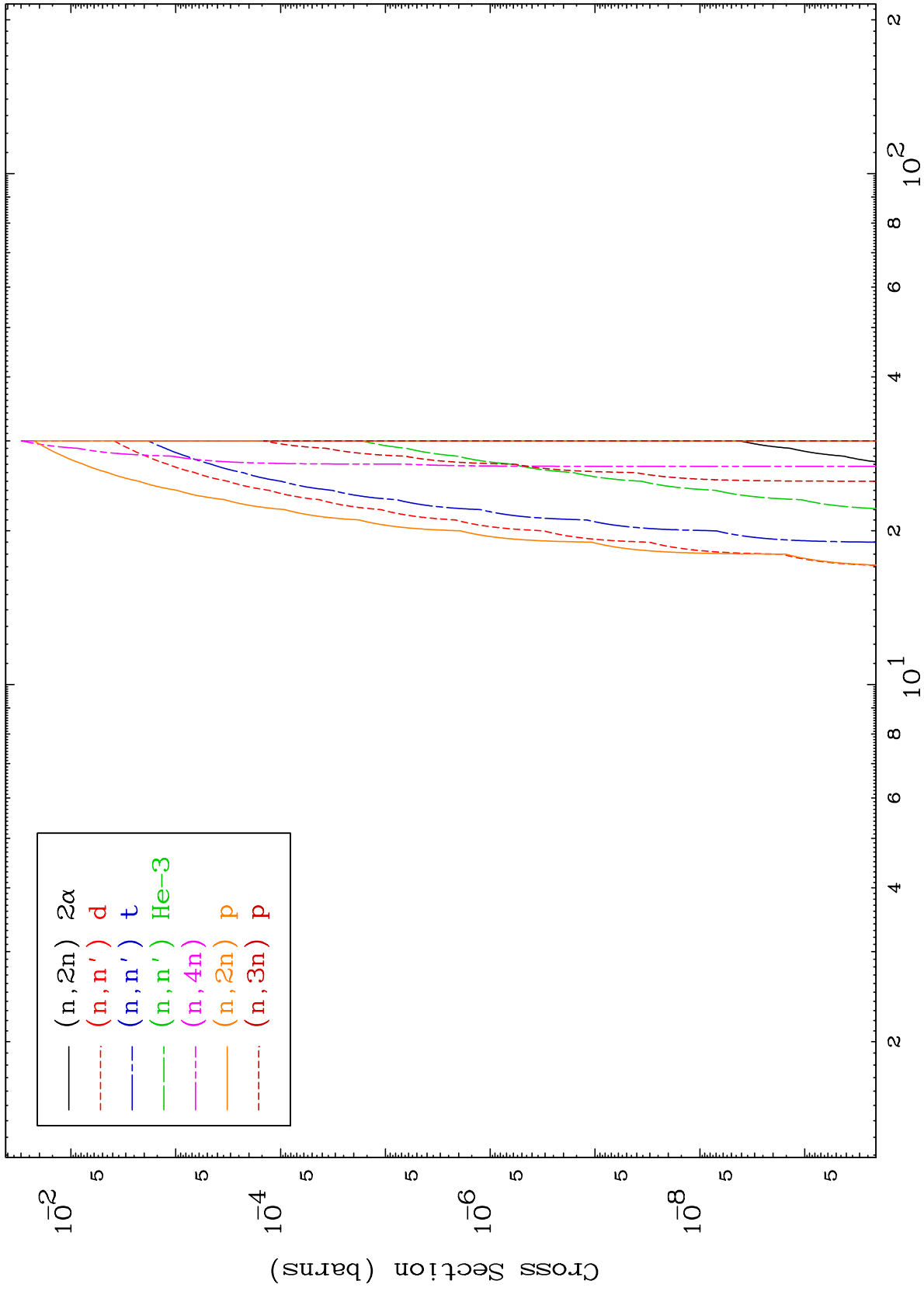


80-Hg-192

MAT 8013

Neutron Production
293 Kelvin Cross Sections

80-Hg-192

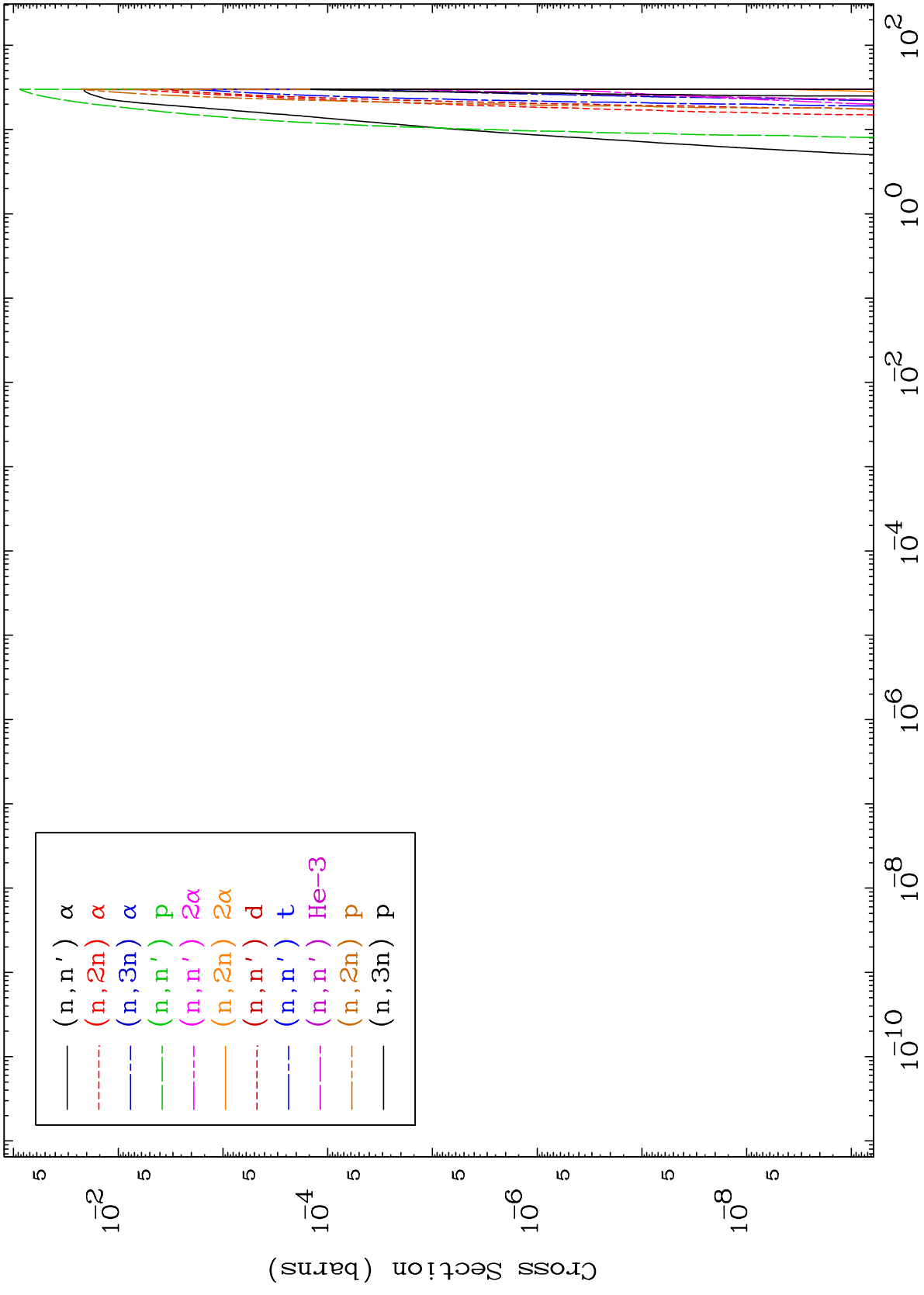


80-Hg-192

MAT 8013

293 Charged Particle
Kelvin Cross Sections

80-Hg-192

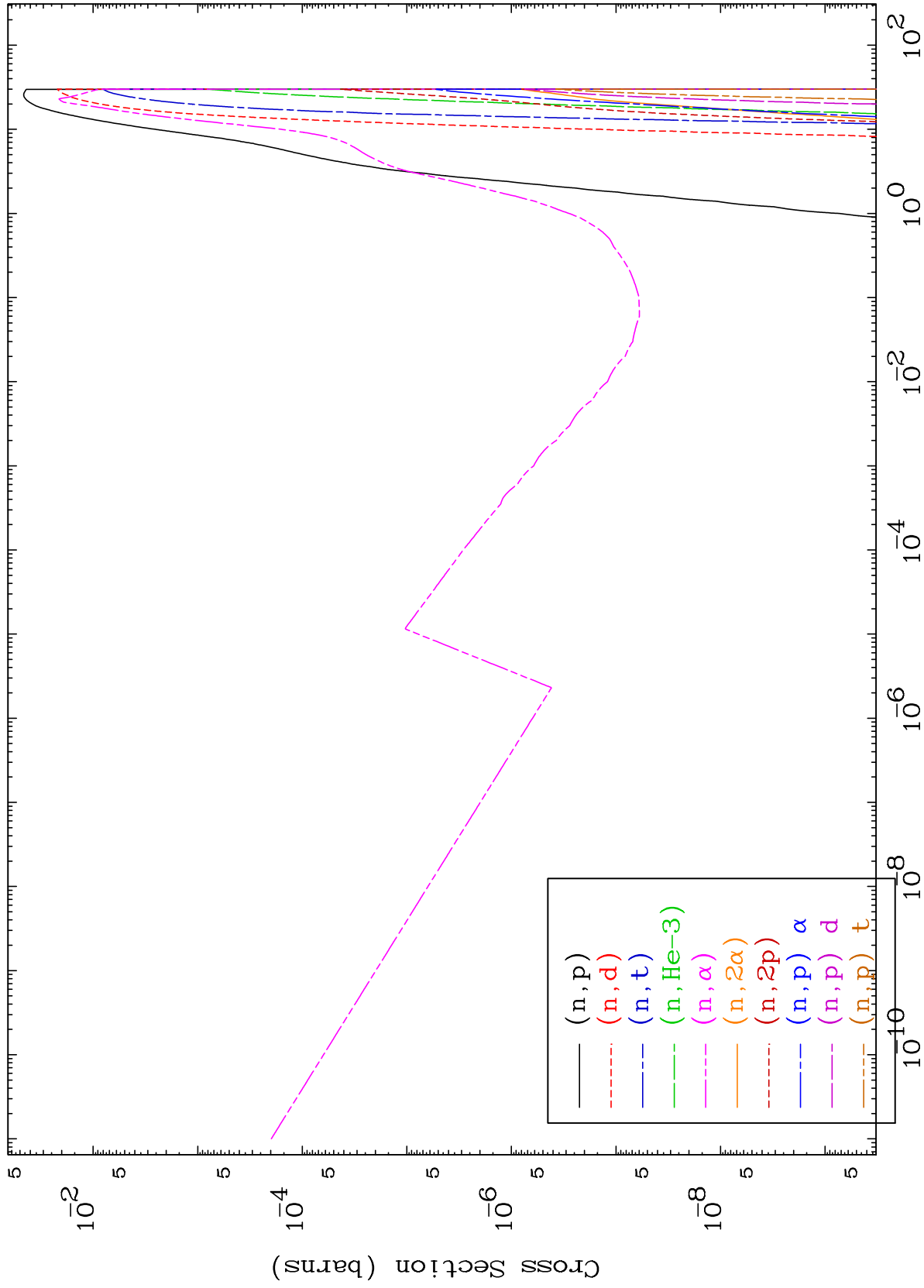


80-Hg-192

MAT 8013

293 Kelvin Cross Sections

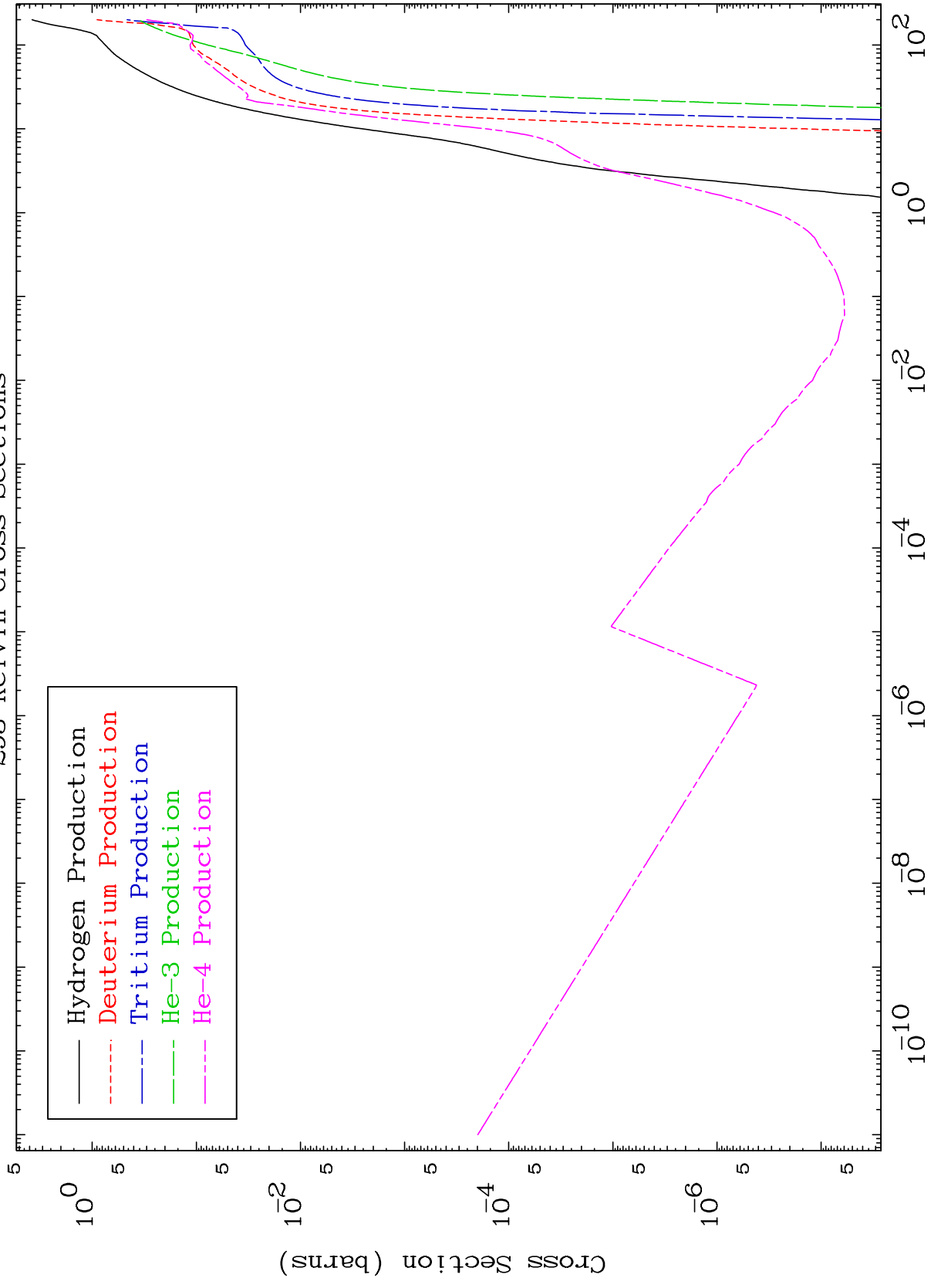
80-Hg-192



MAT 8013

Particle Production
293 Kelvin Cross Sections

80-Hg-192



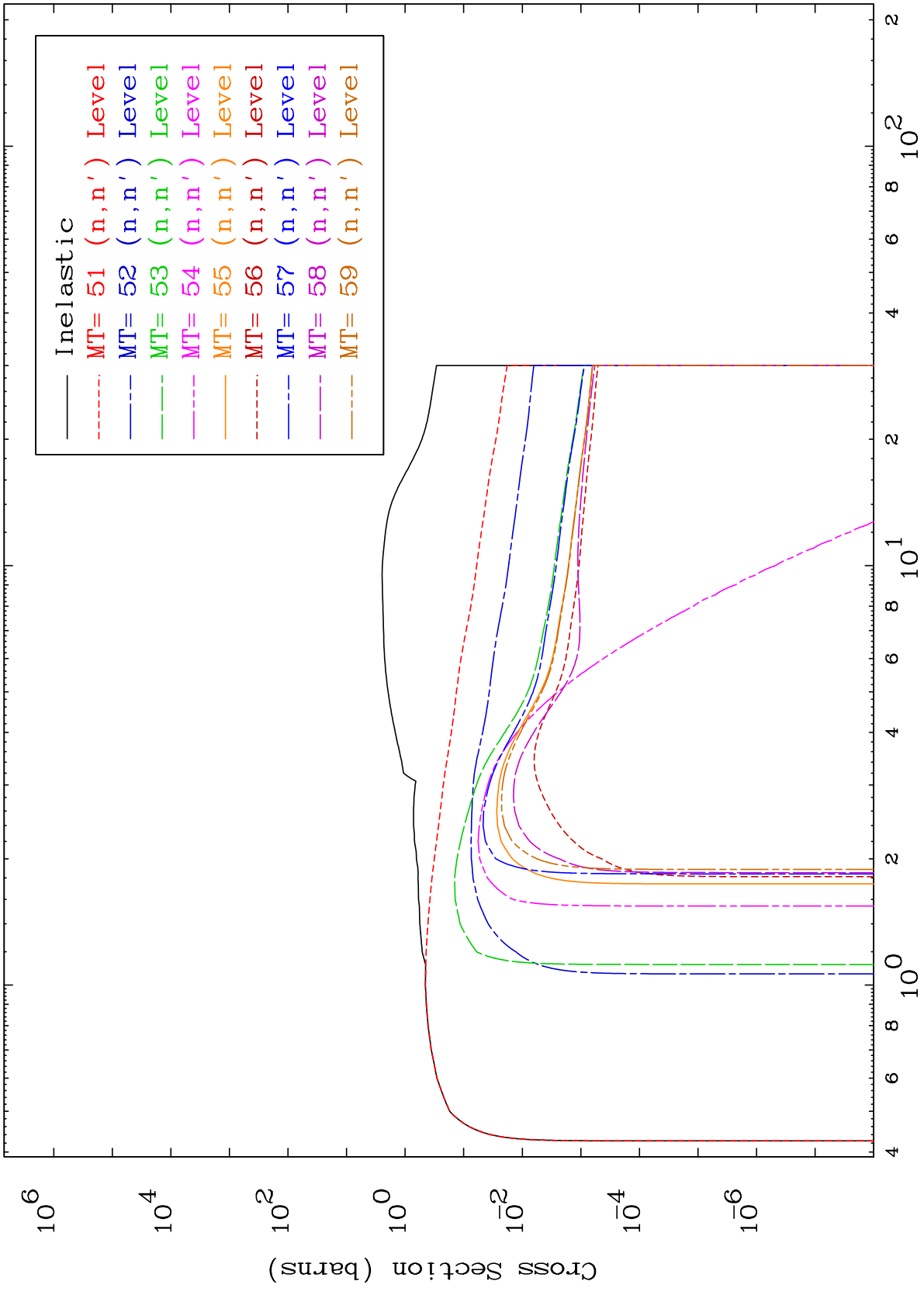
80-Hg-192

MAT 8013

(n,n') Level

80-Hg-192

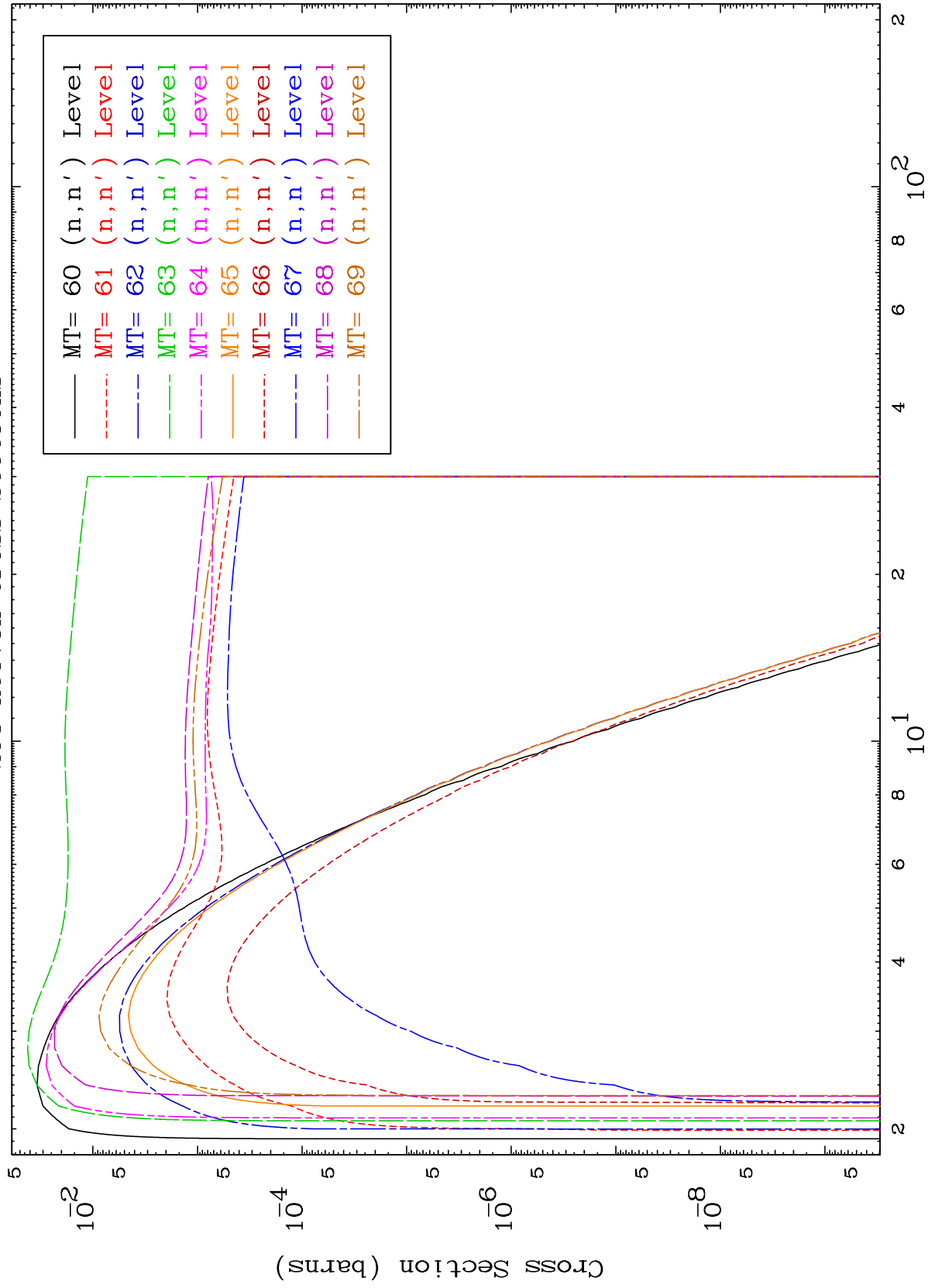
293 Kelvin Cross Sections



MAT 8013

(n,n') Level
293 Kelvin Cross Sections

80-Hg-192



8

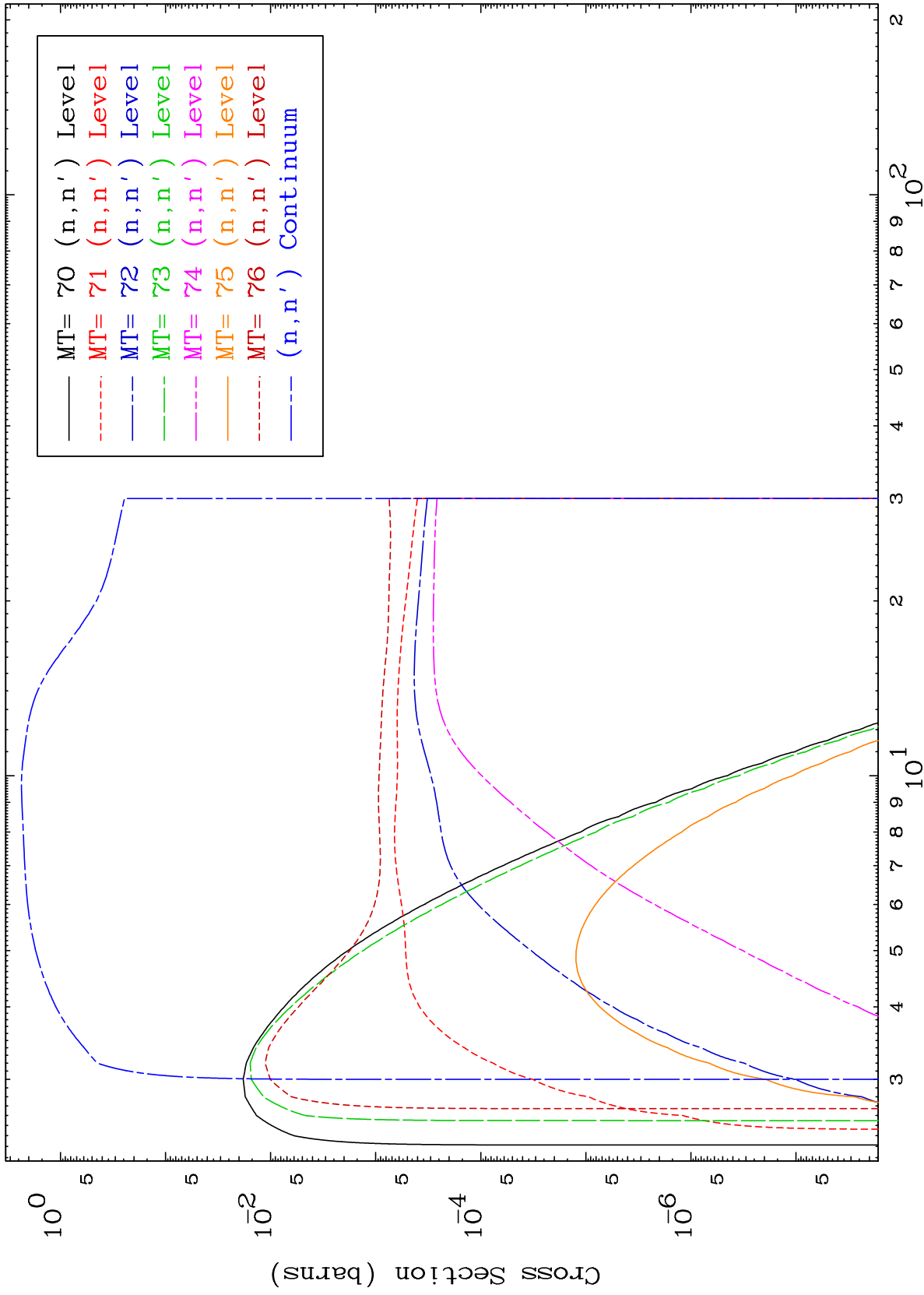
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,n') Level
293 Kelvin Cross Sections

80-Hg-192



9

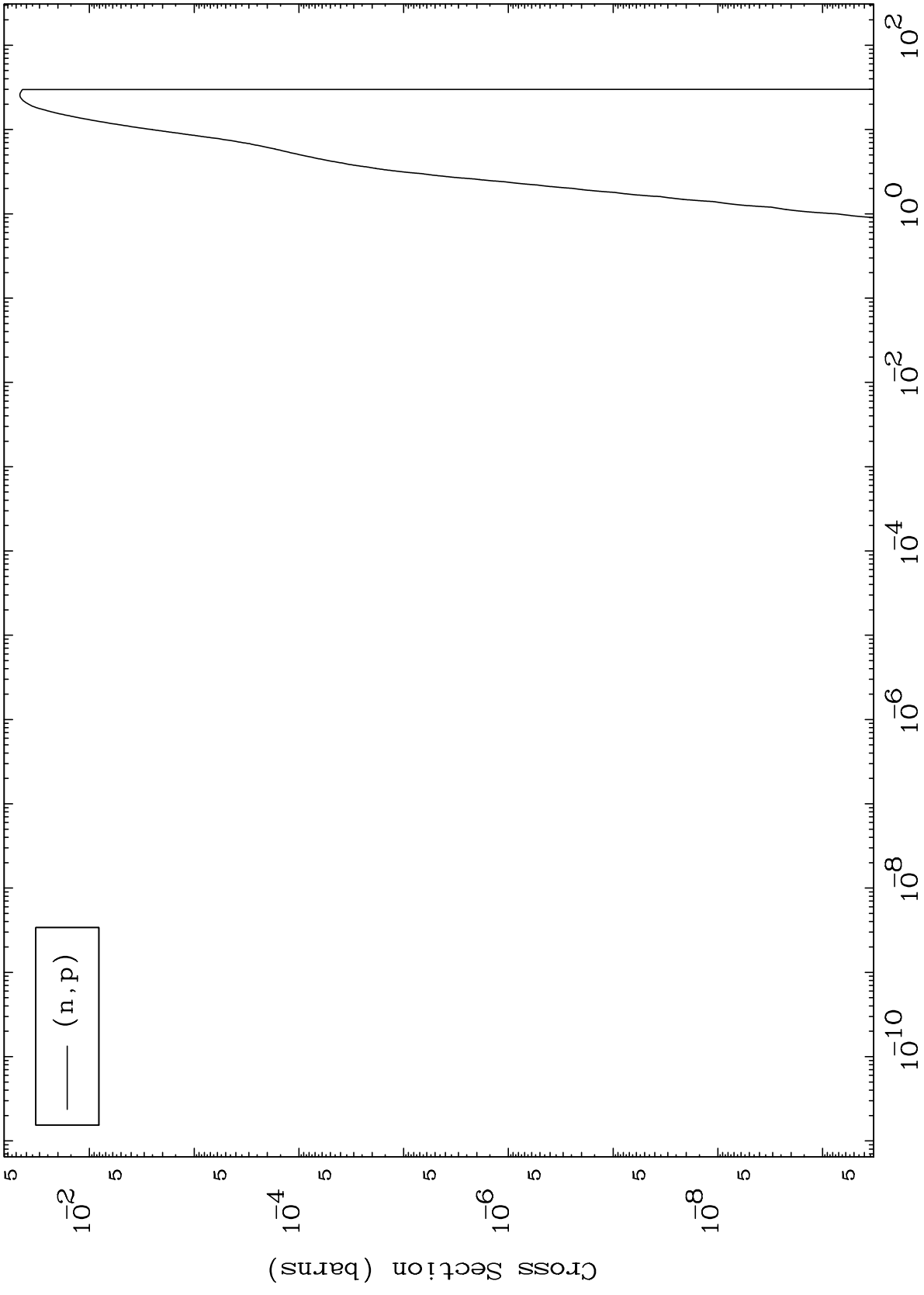
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-192



10

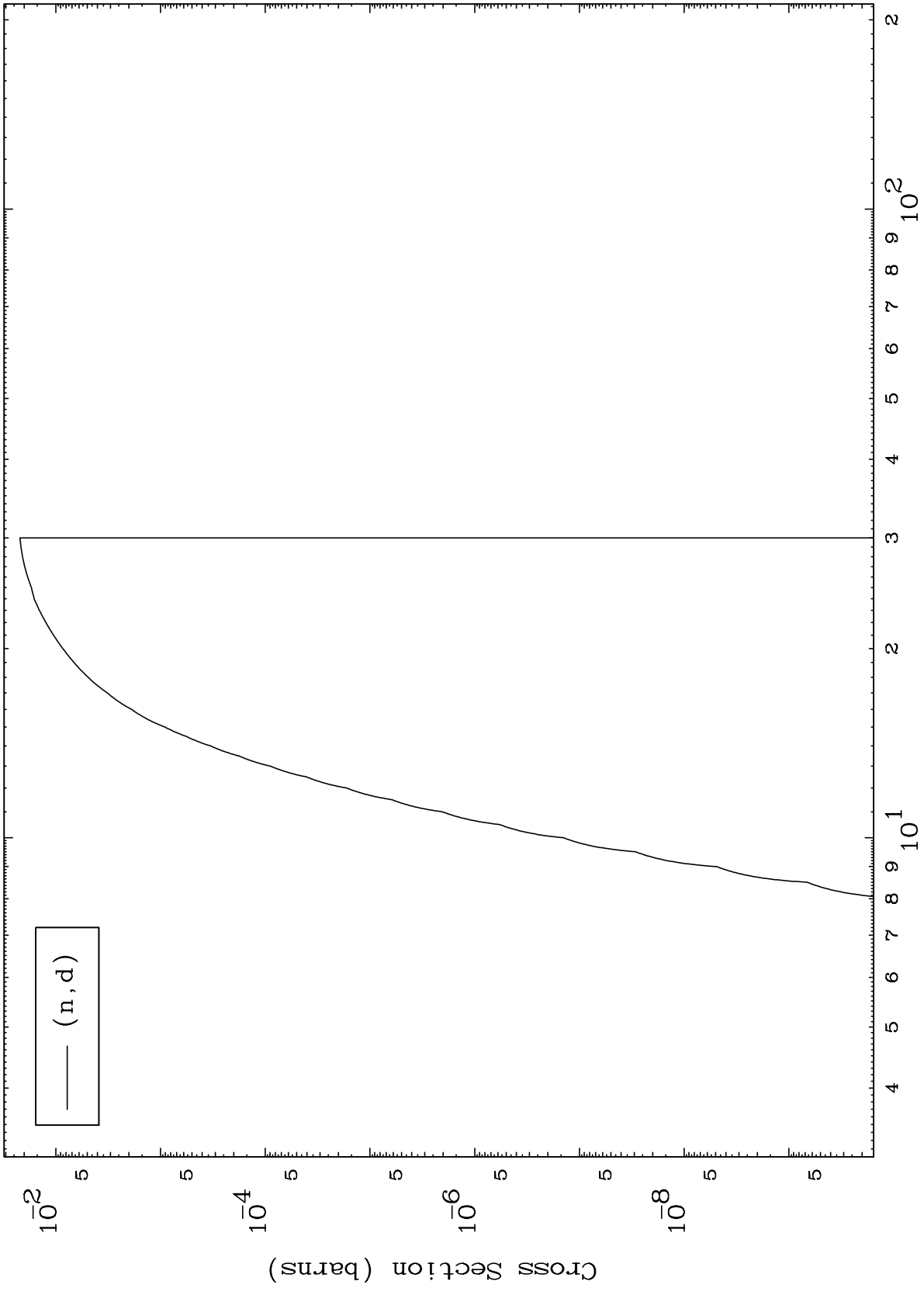
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,d) Levels
293 Kelvin Cross Sections

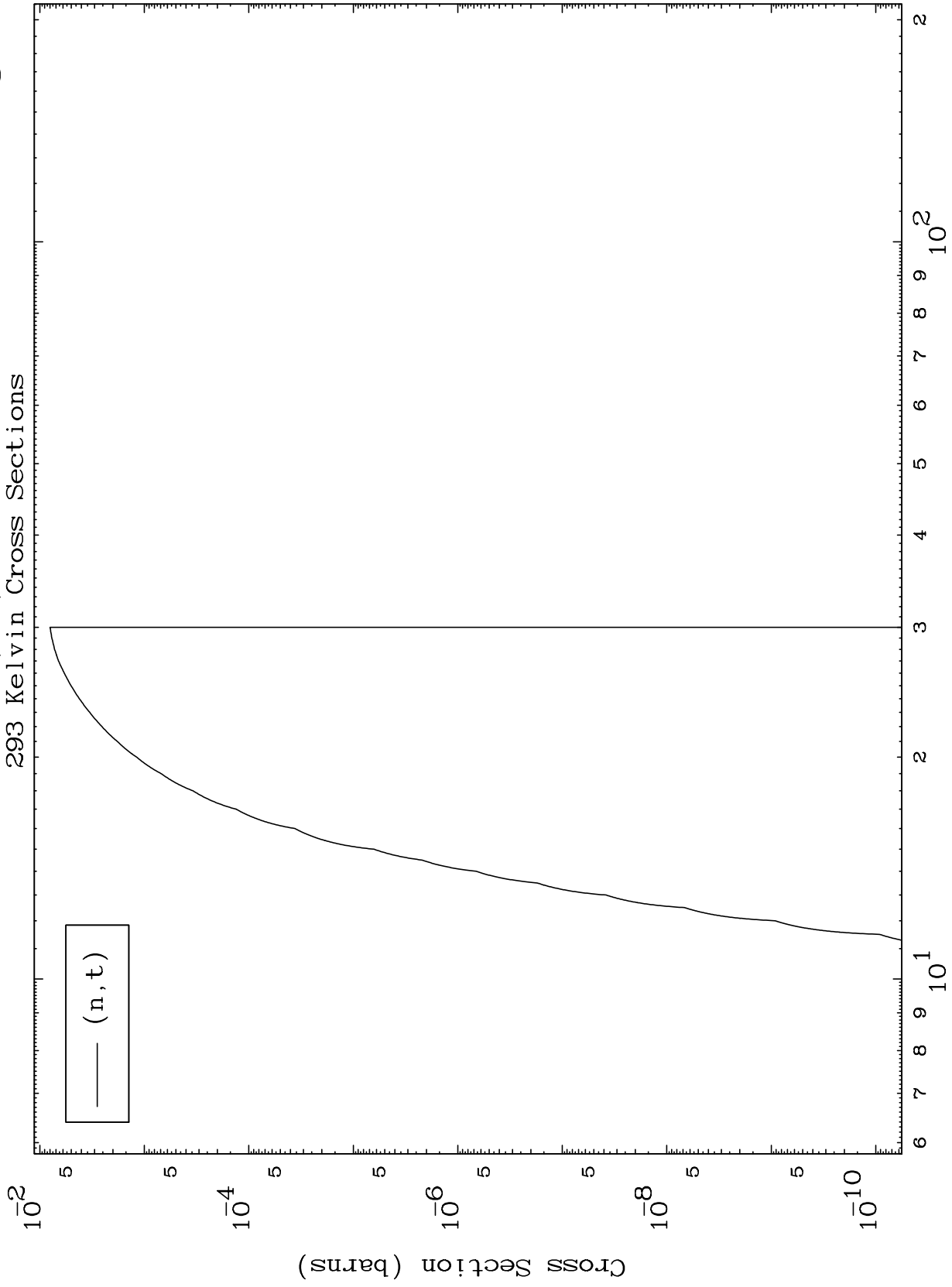
80-Hg-192



MAT 8013

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-192



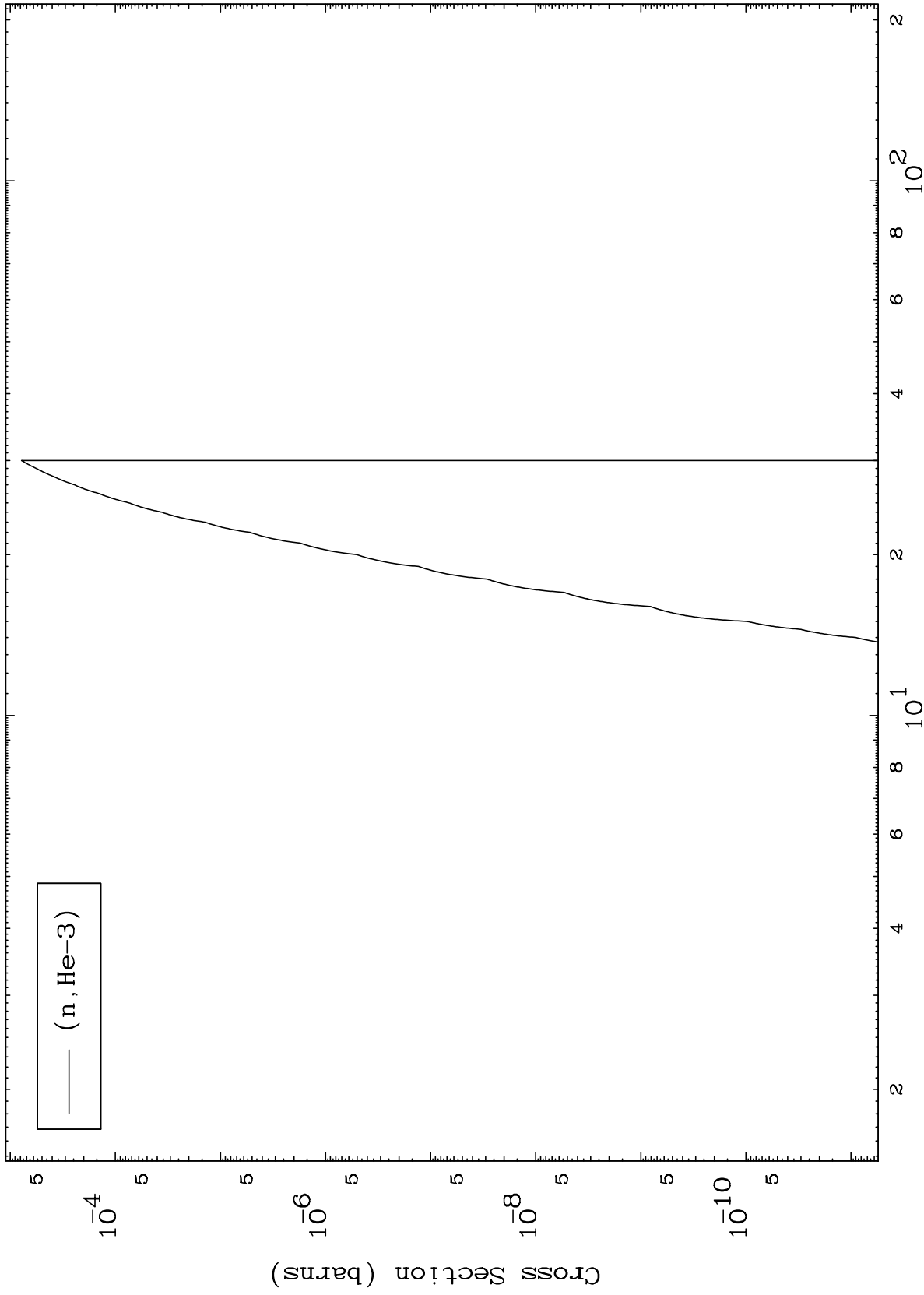
12

80-Hg-192

MAT 8013

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-192



13

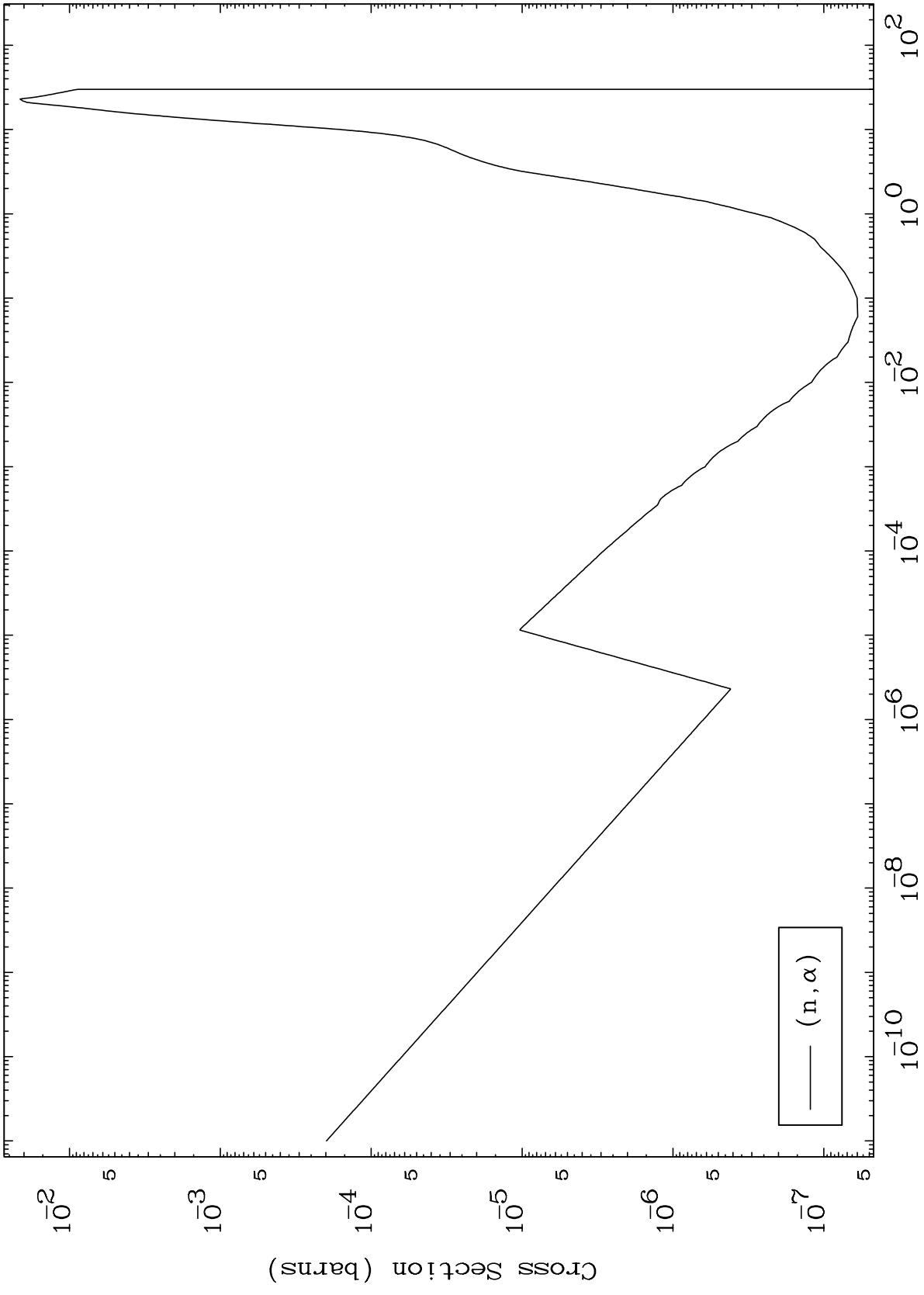
Incident Energy (MeV)

80-Hg-192

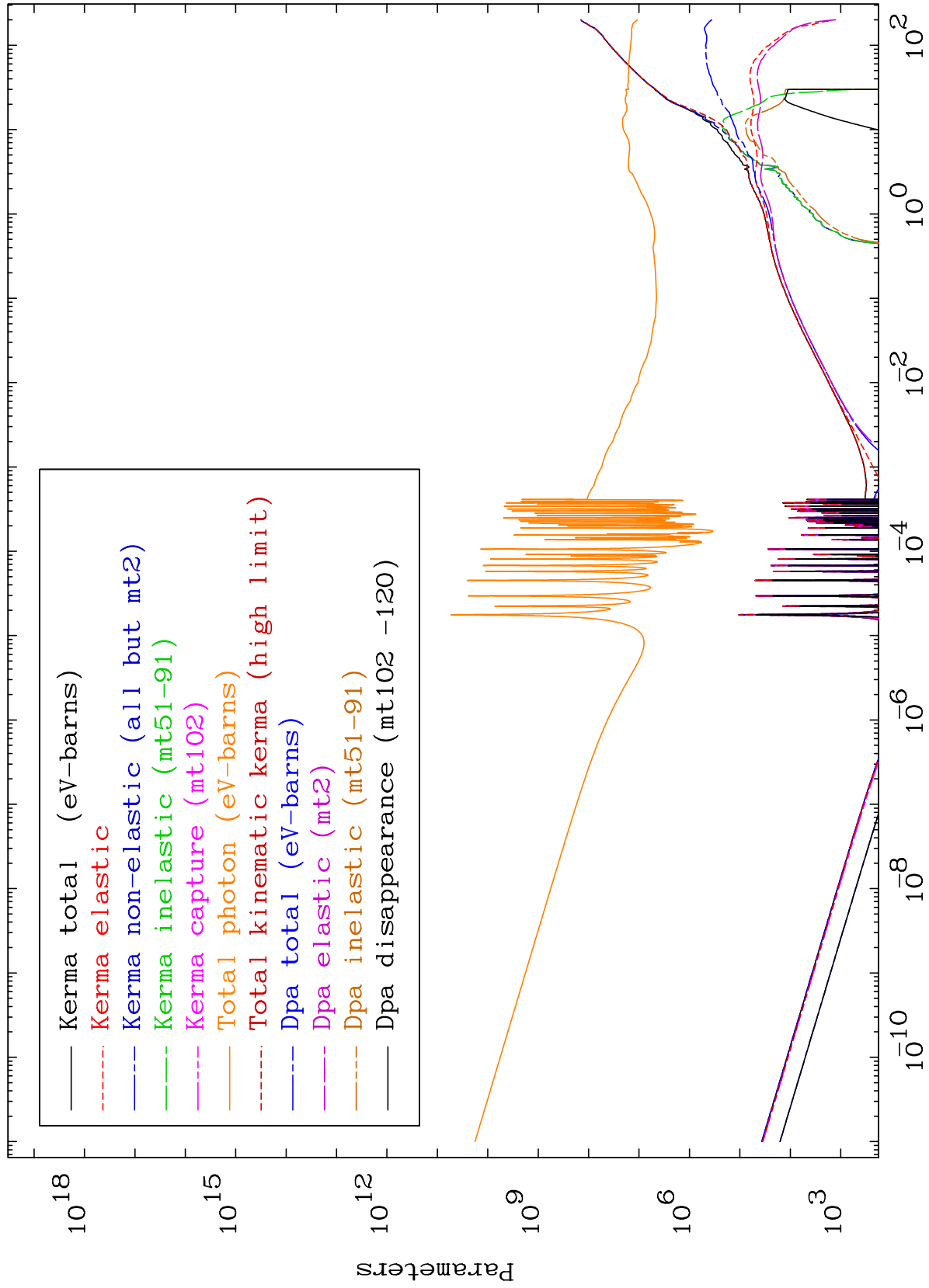
MAT 8013

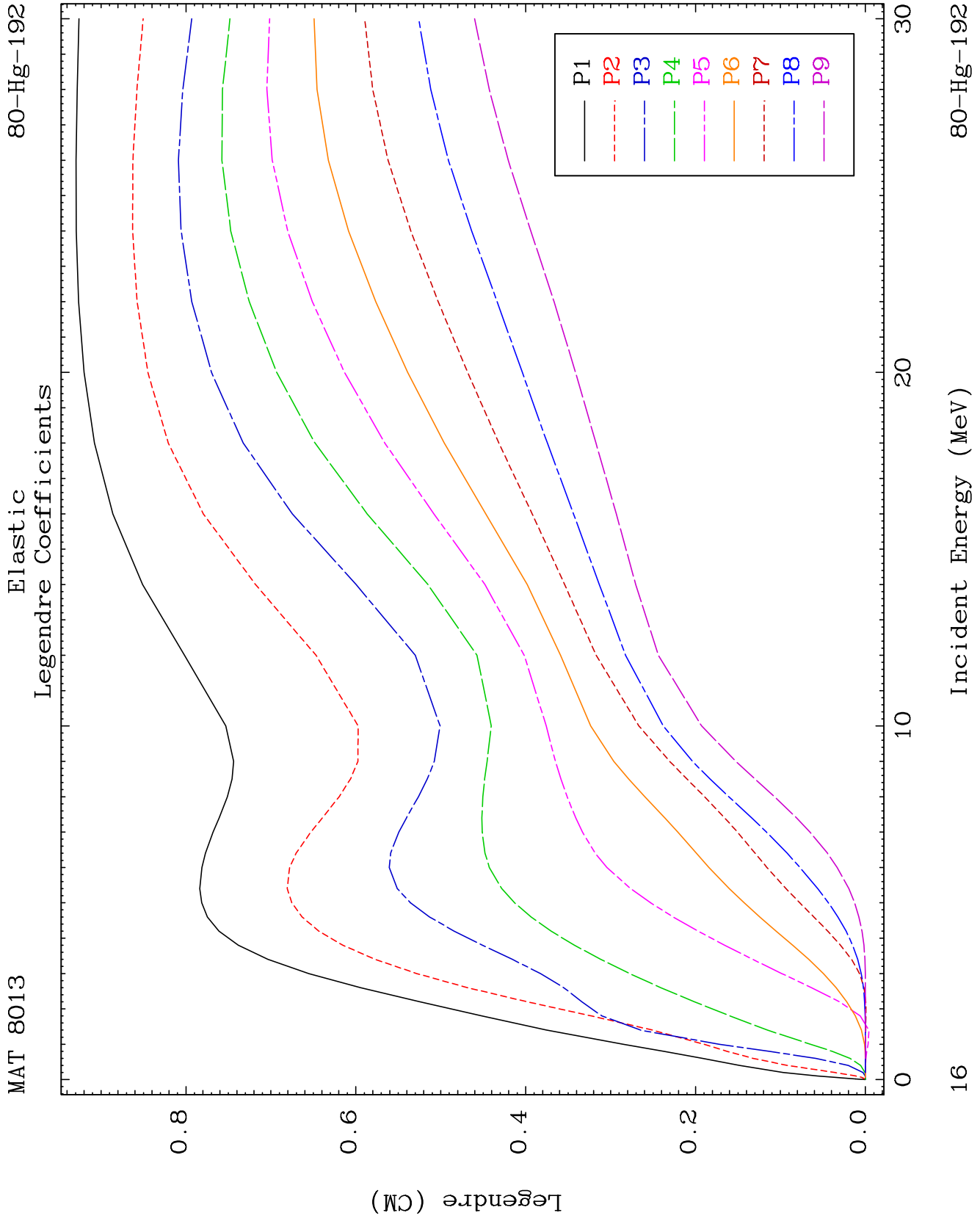
(n,α) Levels
293 Kelvin Cross Sections

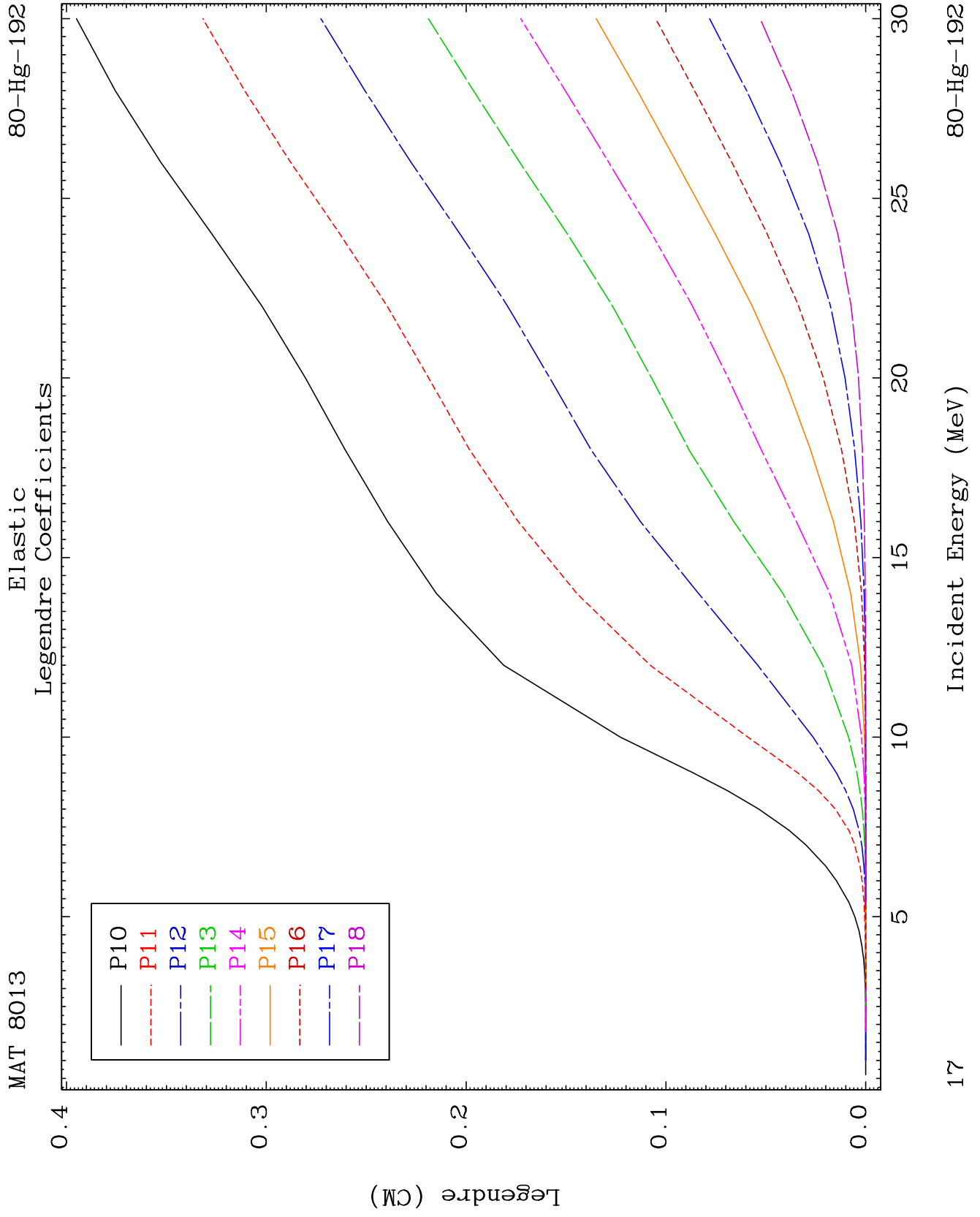
80-Hg-192



— (n,α)



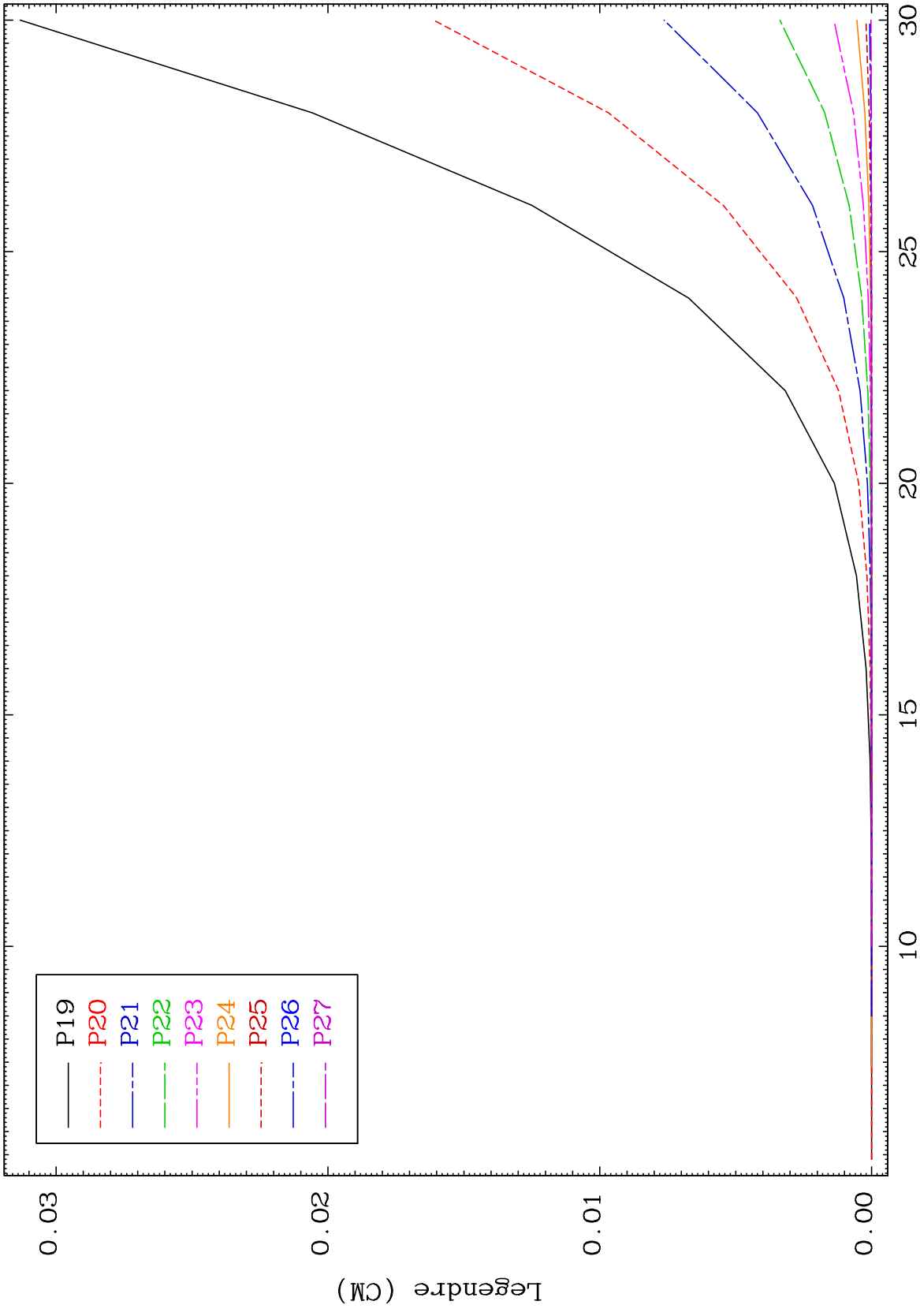




MAT 8013

Elastic Legendre Coefficients

80-Hg-192



18

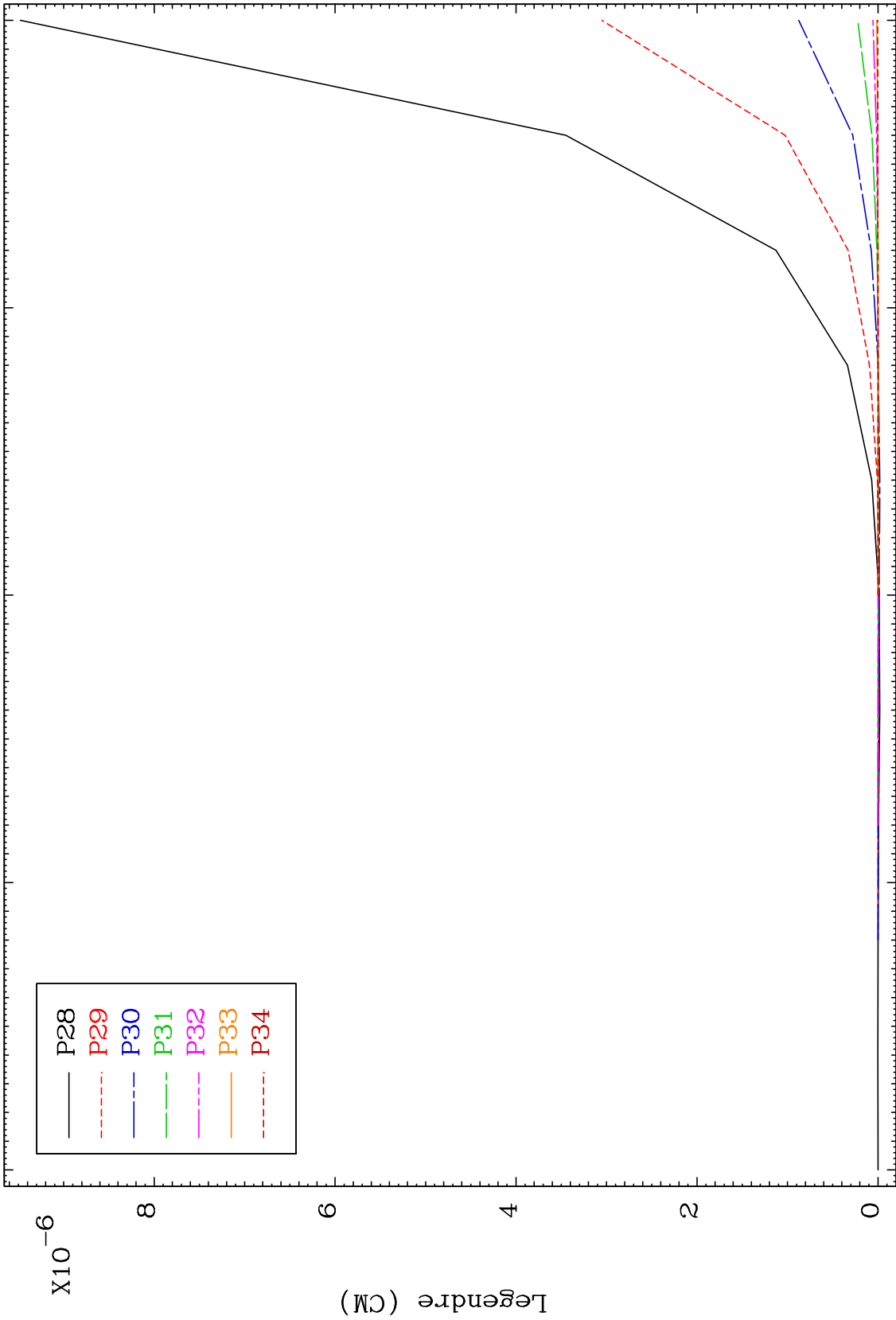
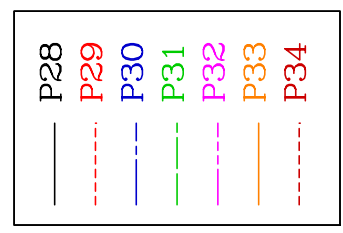
Incident Energy (MeV)

80-Hg-192

MAT 8013

Elastic Legendre Coefficients

80-Hg-192



19

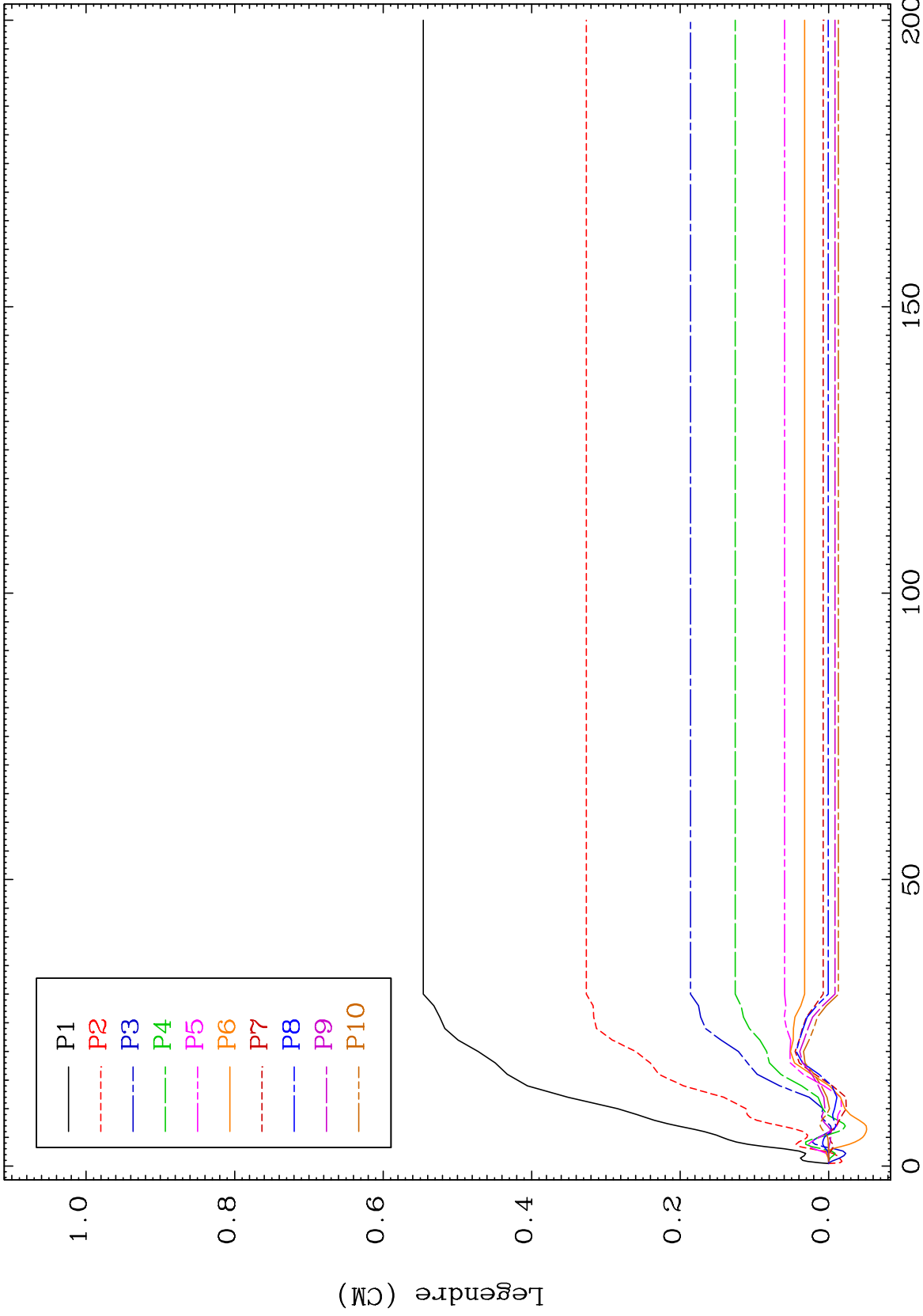
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



20

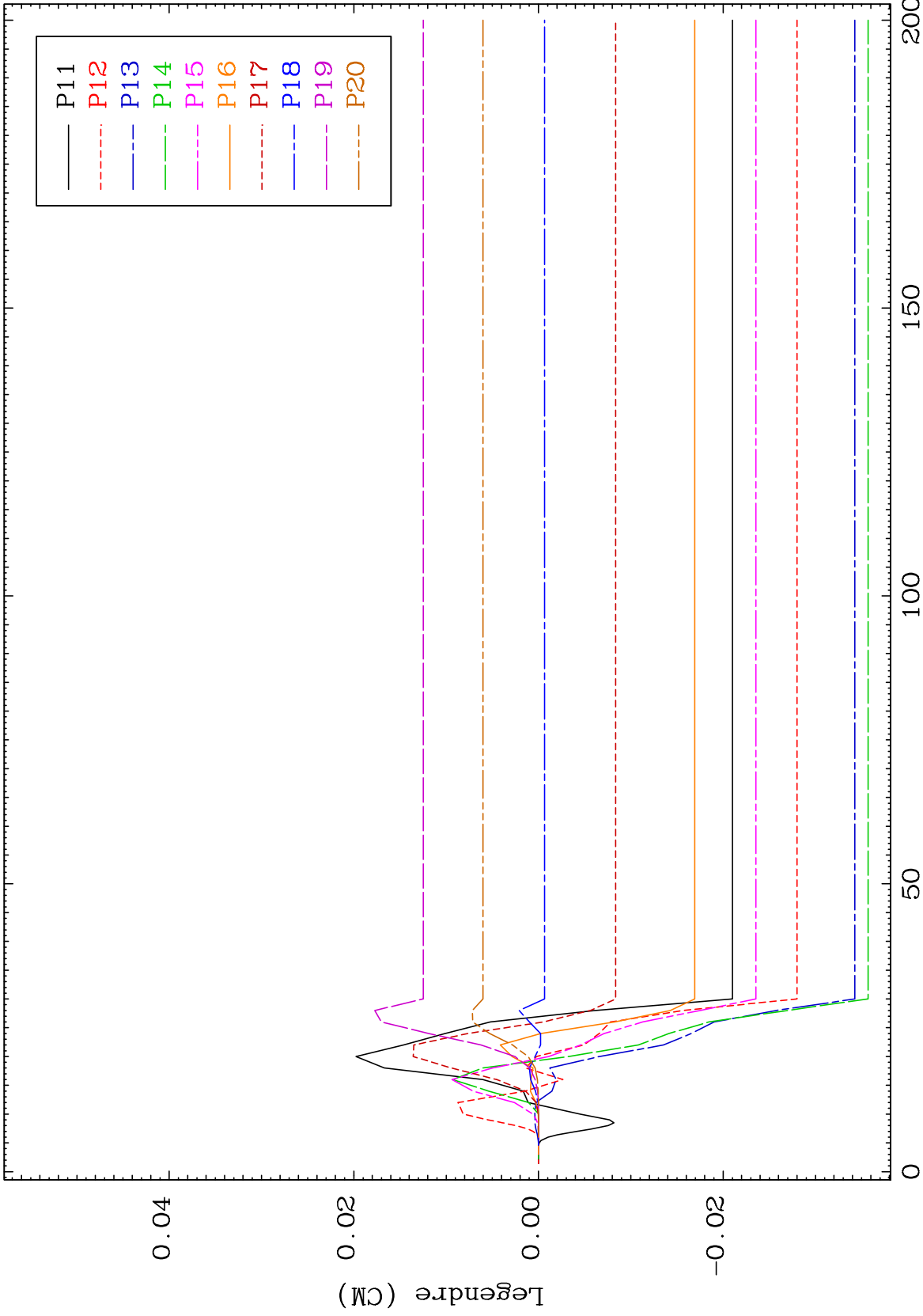
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



21

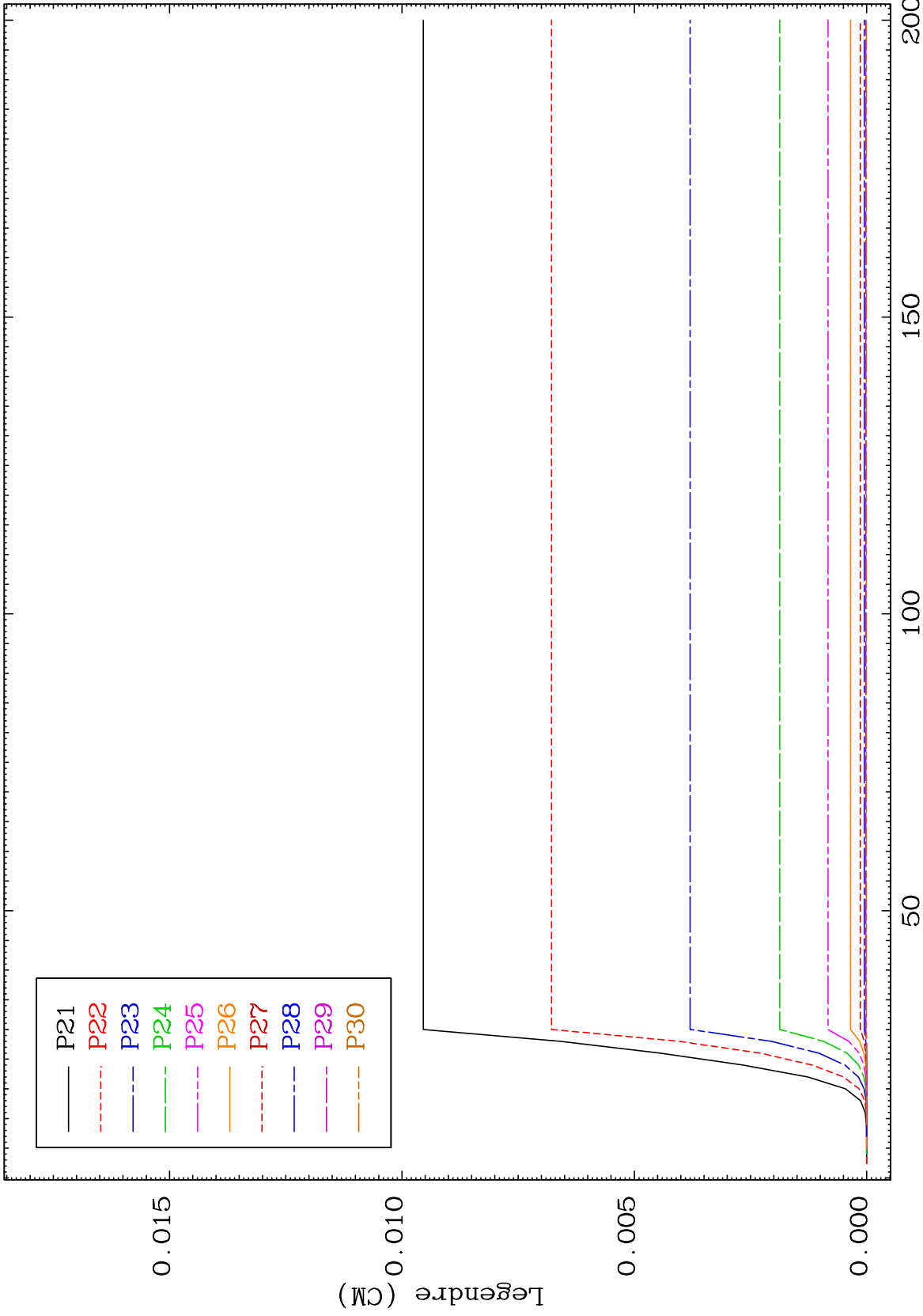
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



22

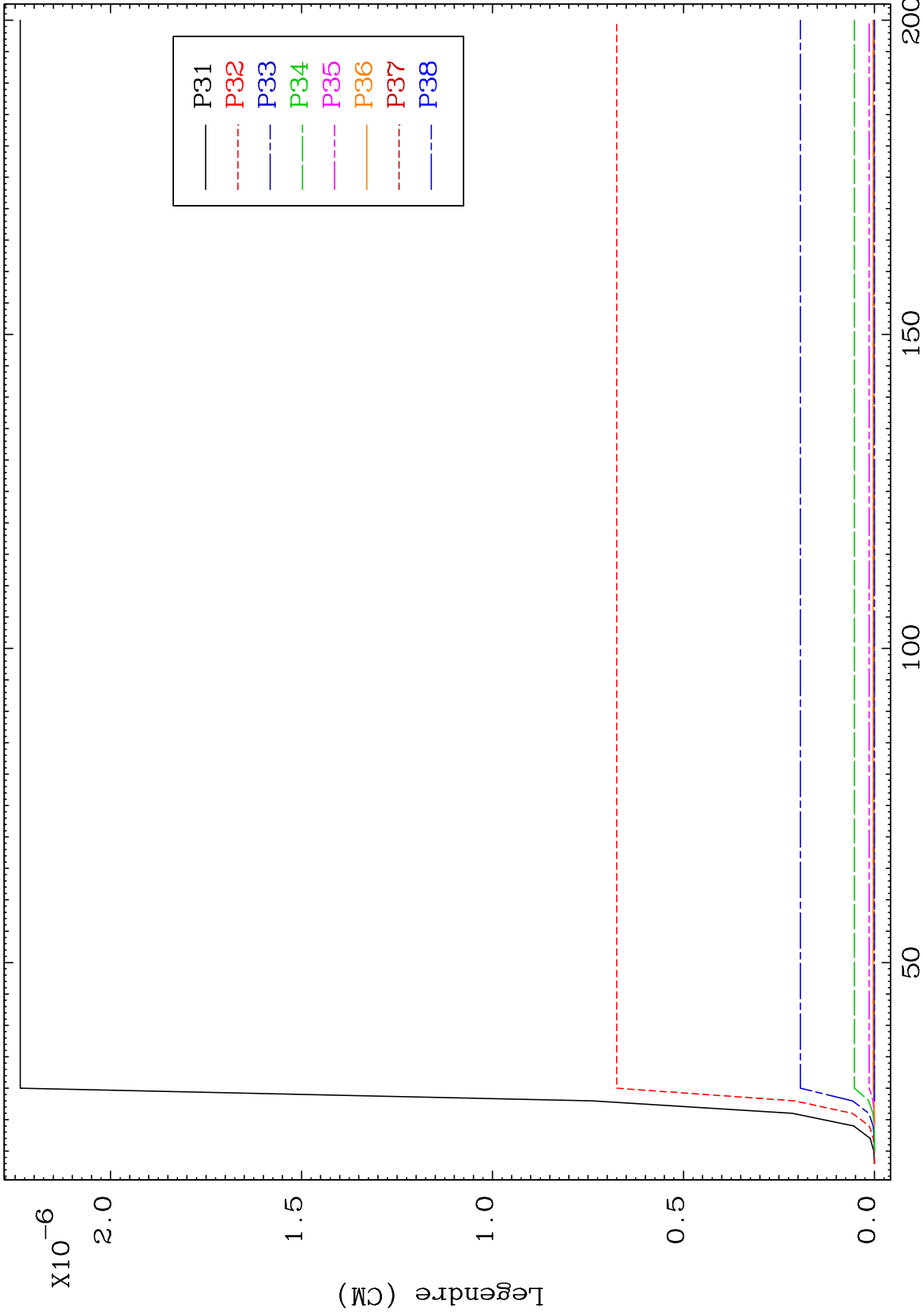
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

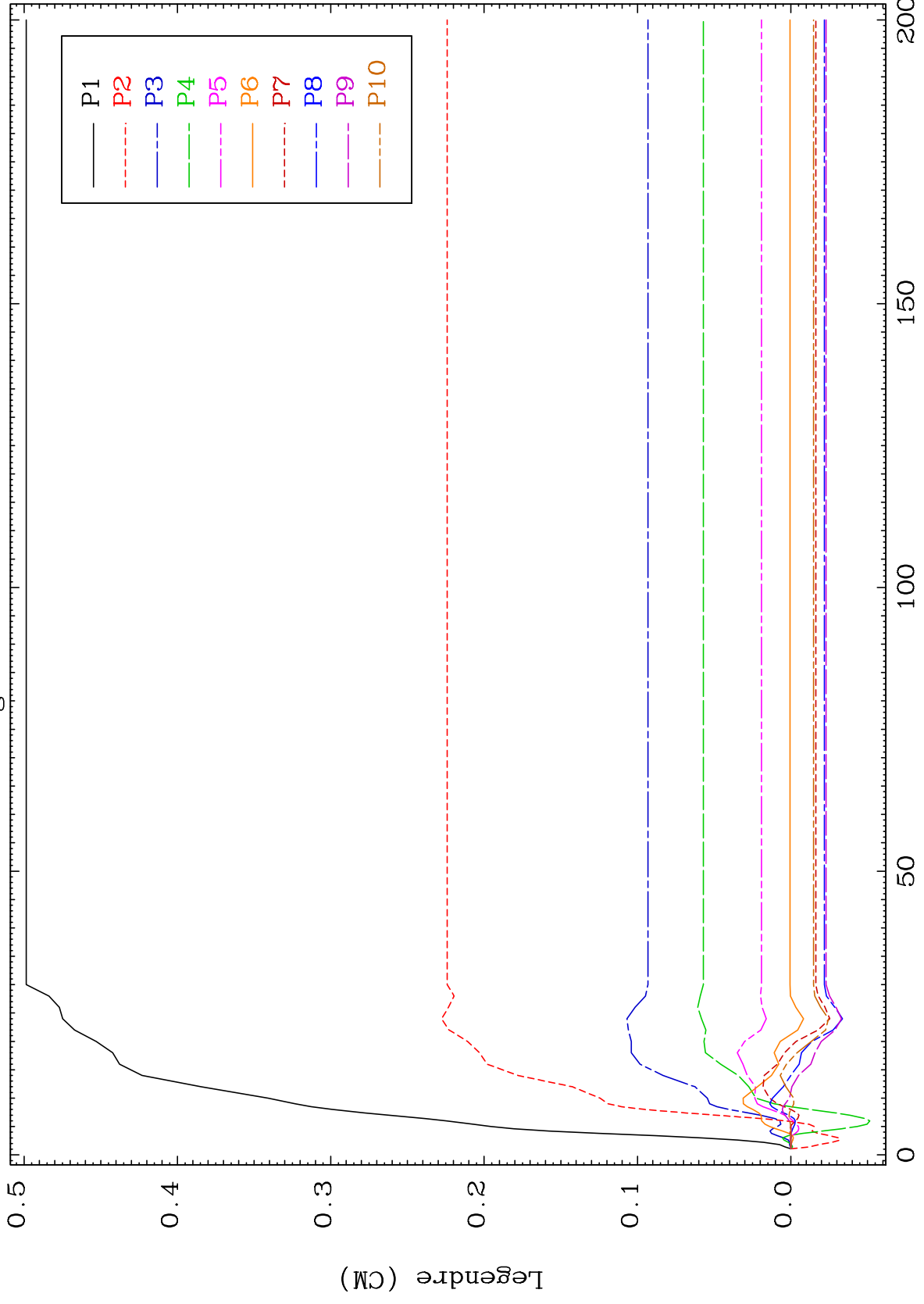
80-Hg-192



23

80-Hg-192

MAT 8013 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-192

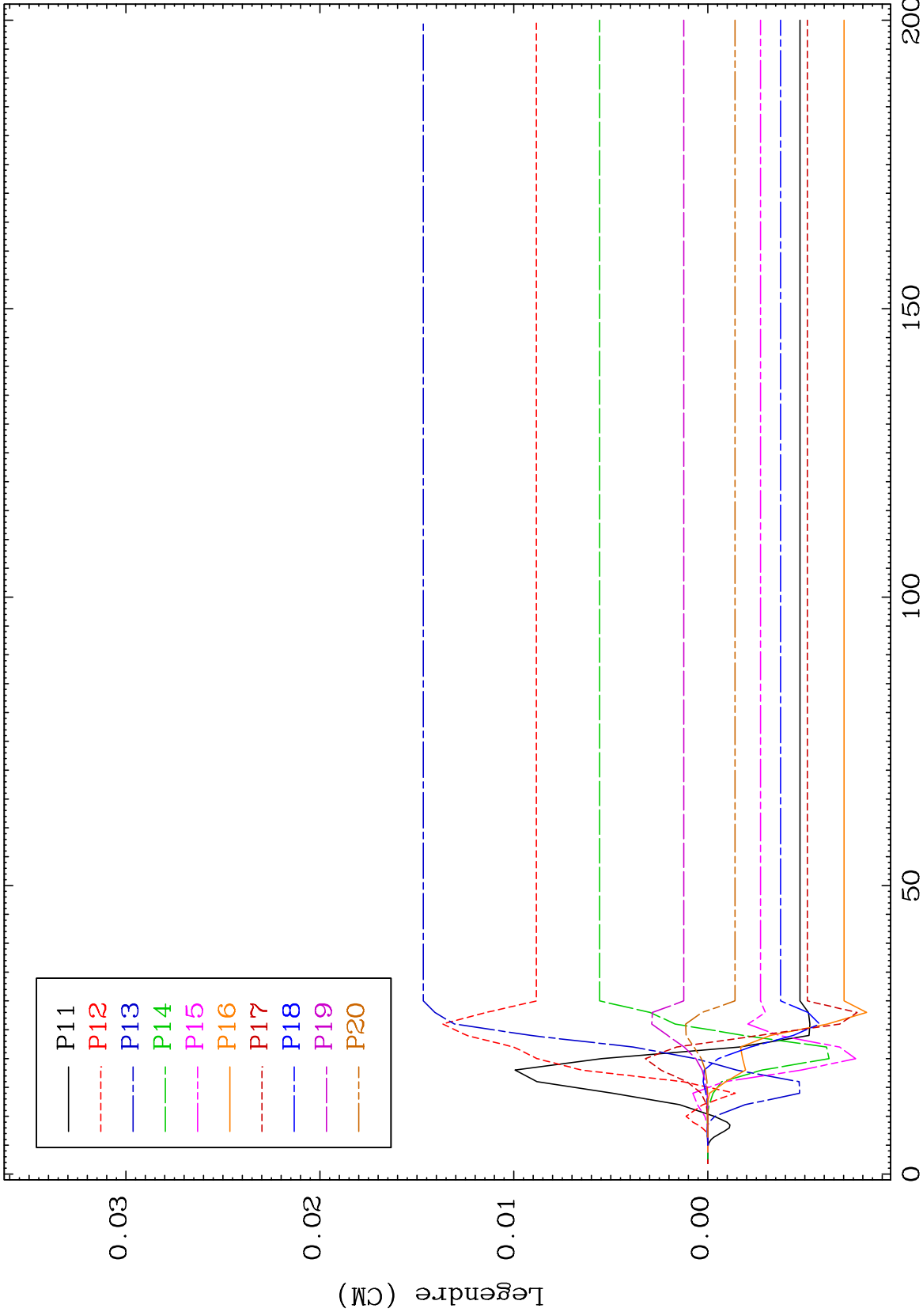


24 80-Hg-192

MAT 8013

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

80-Hg-192



25

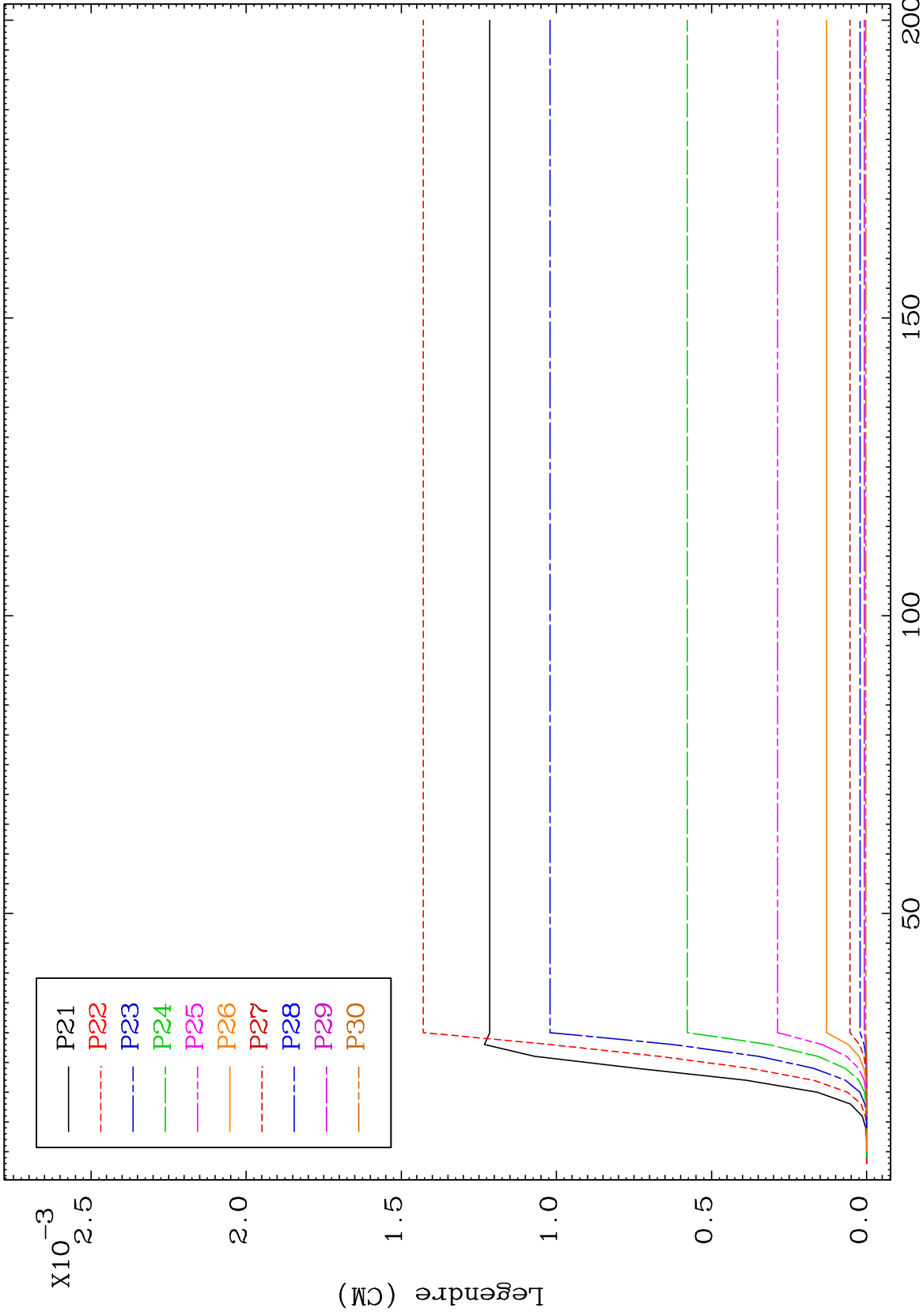
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



26

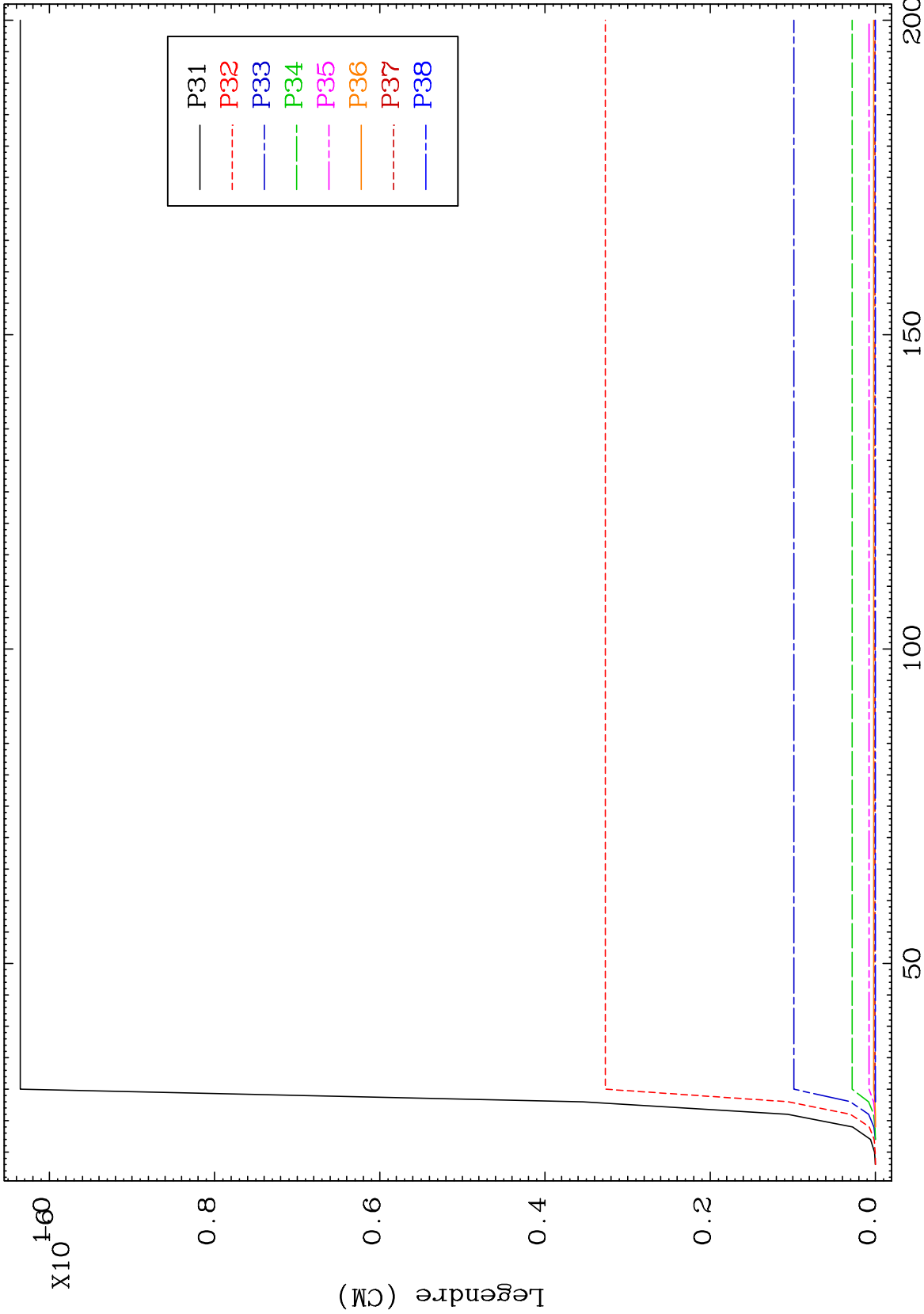
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



27

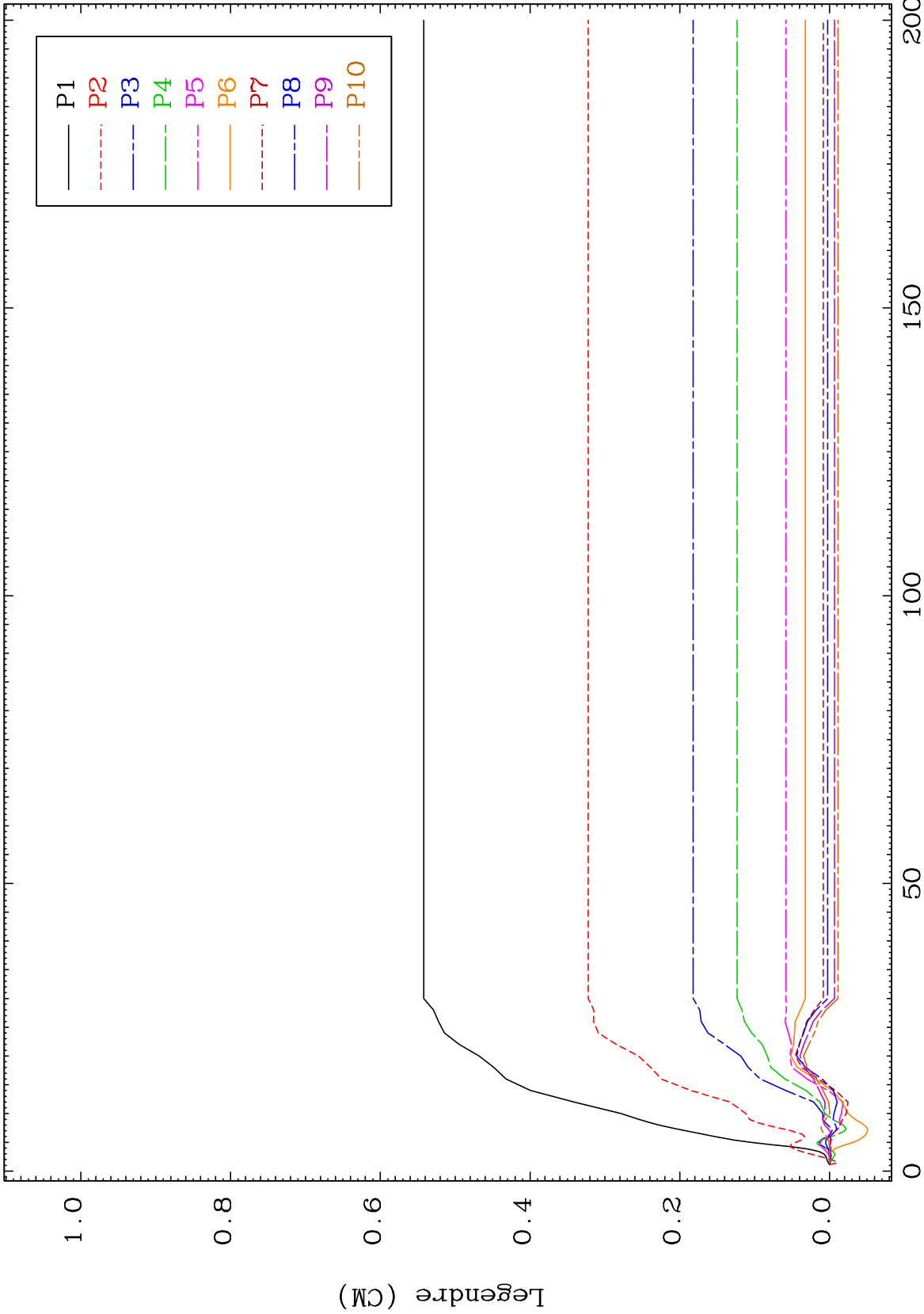
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



28

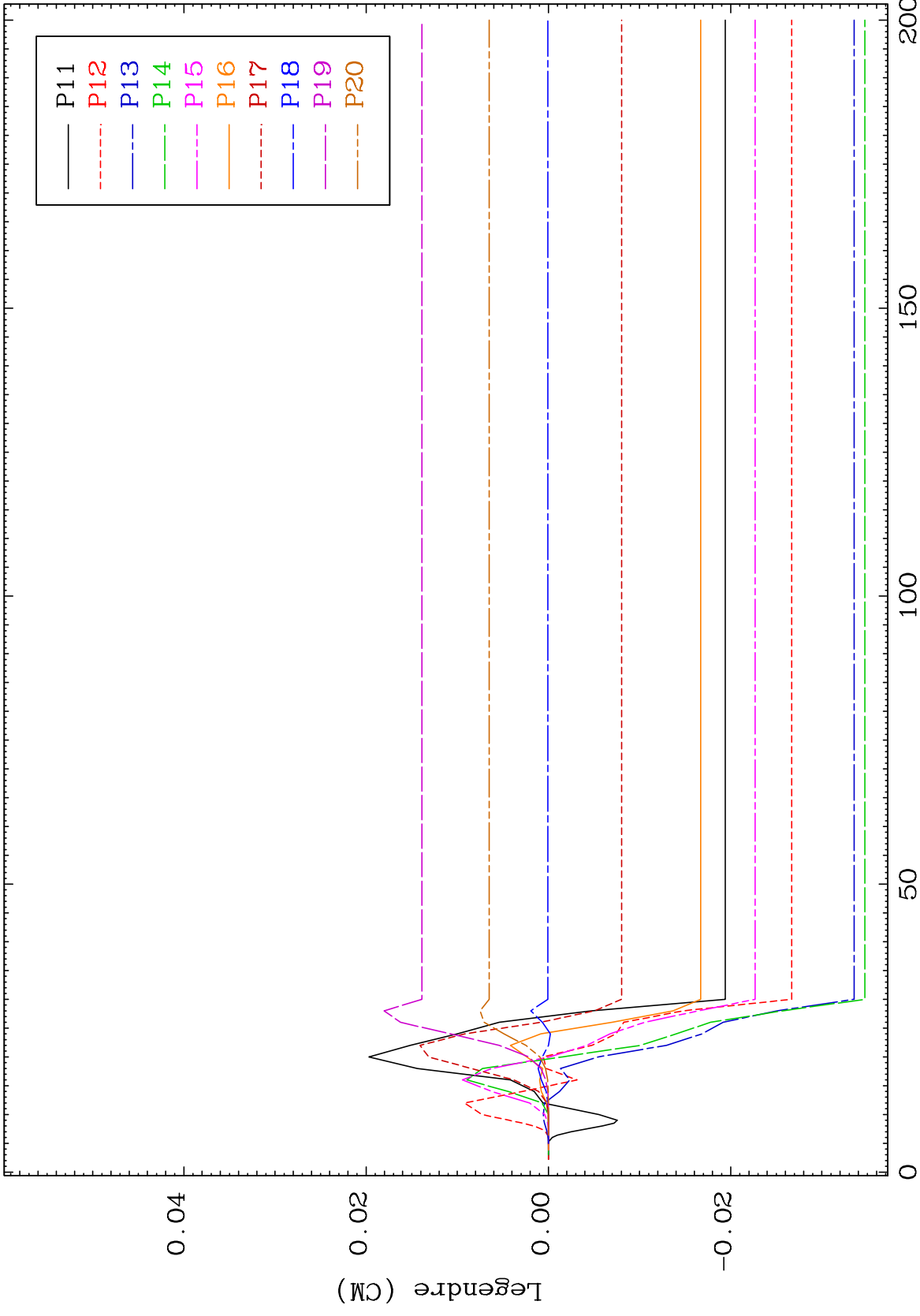
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



29

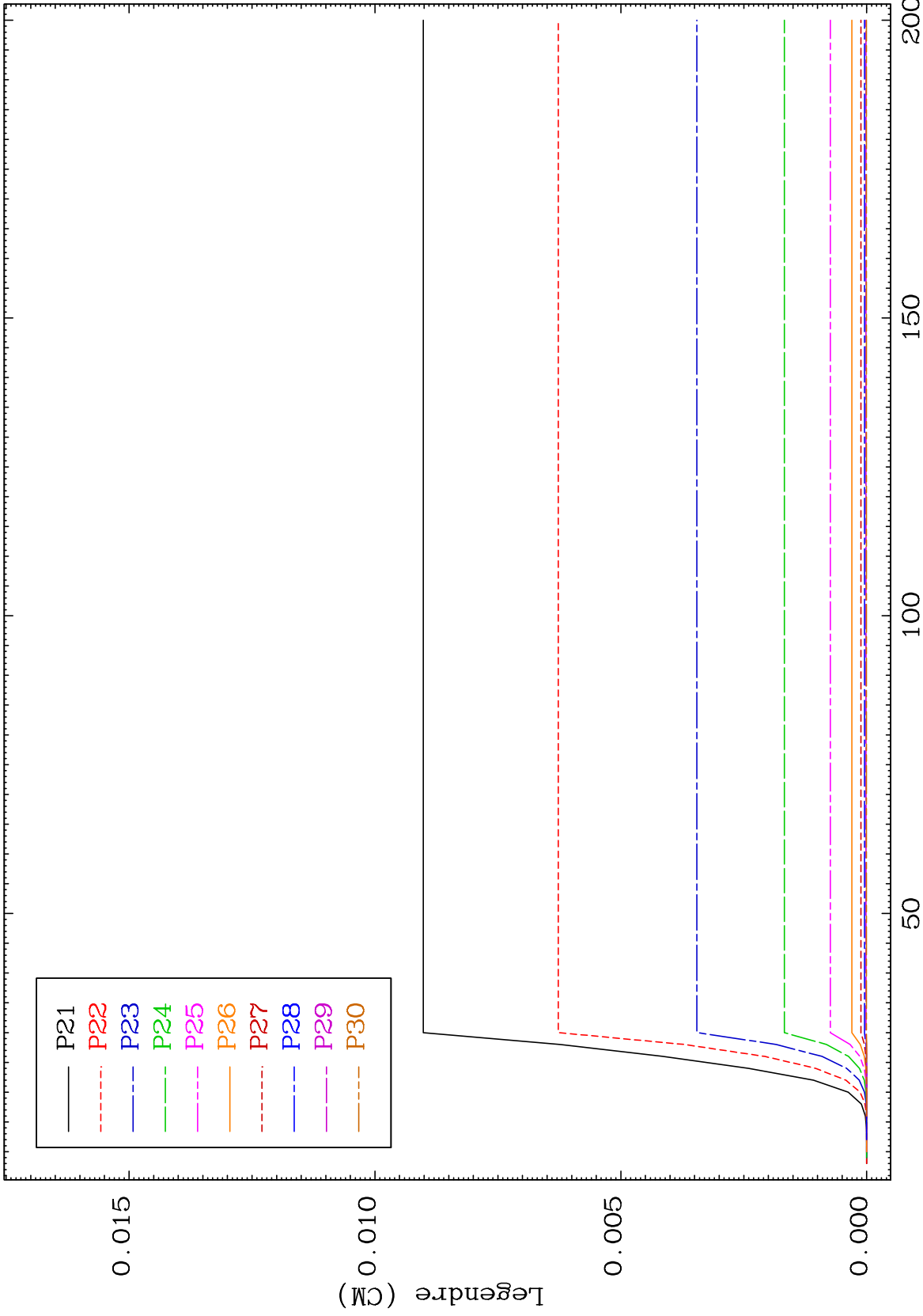
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



30

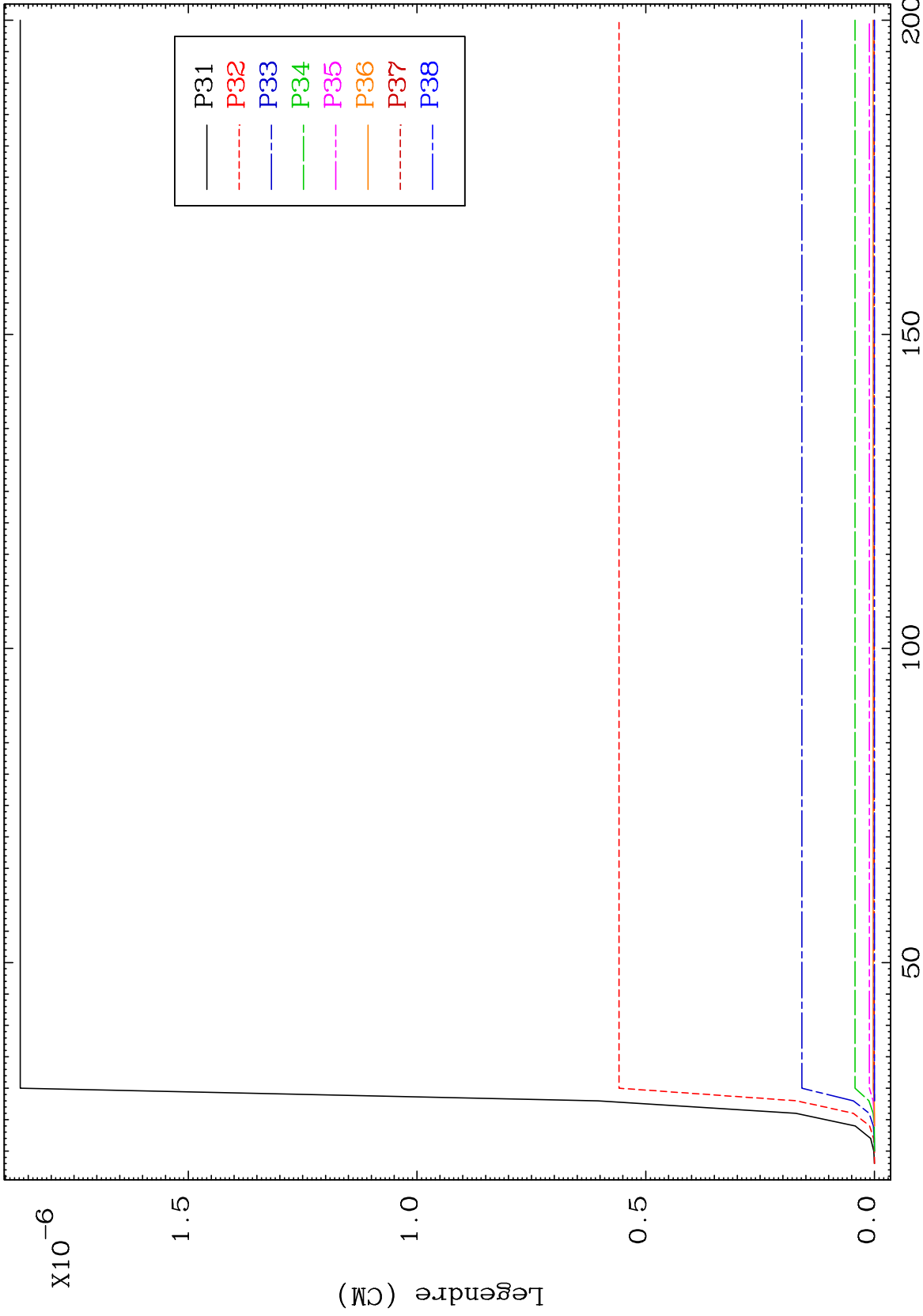
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

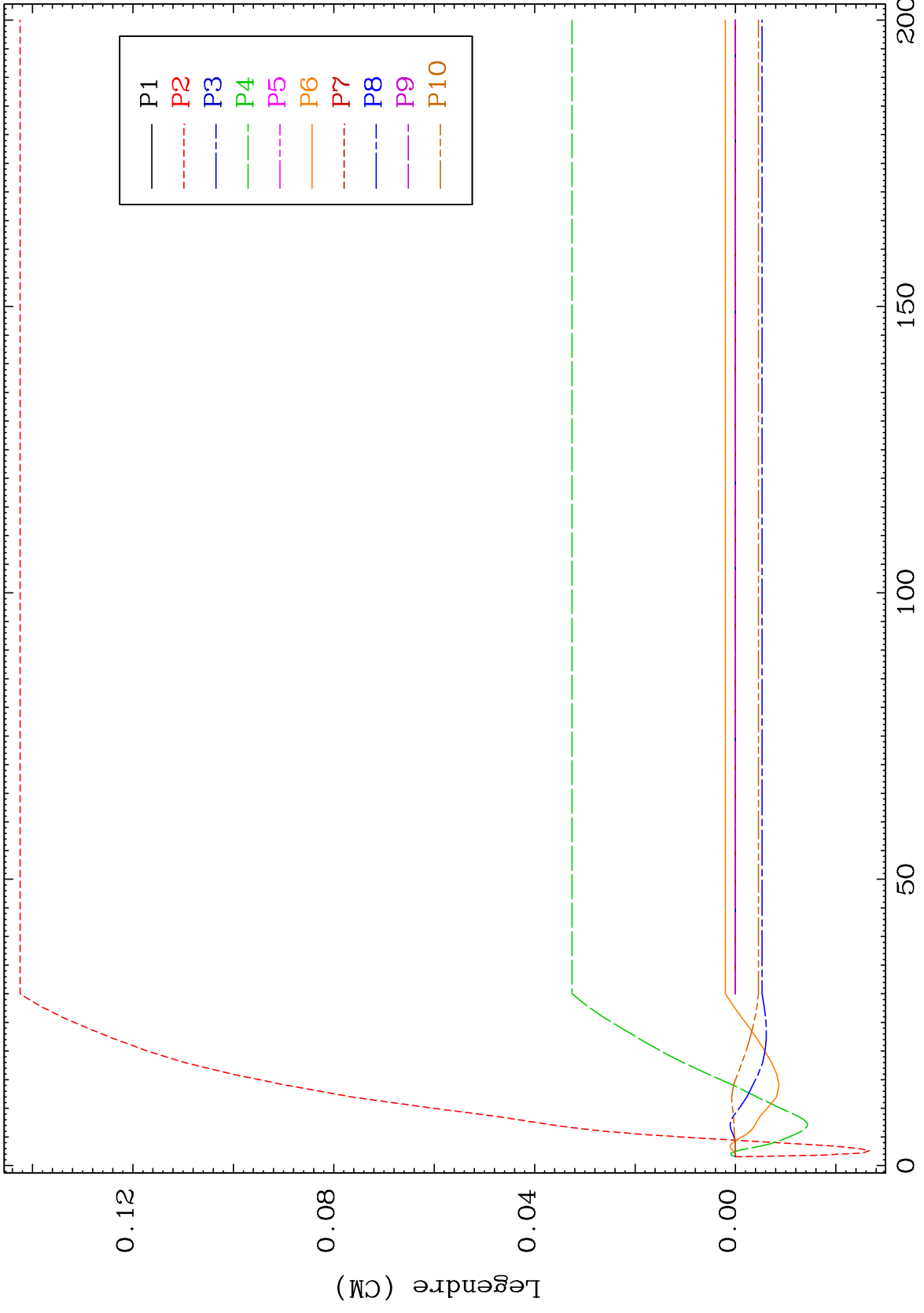
80-Hg-192



31

80-Hg-192

MAT 8013 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-192

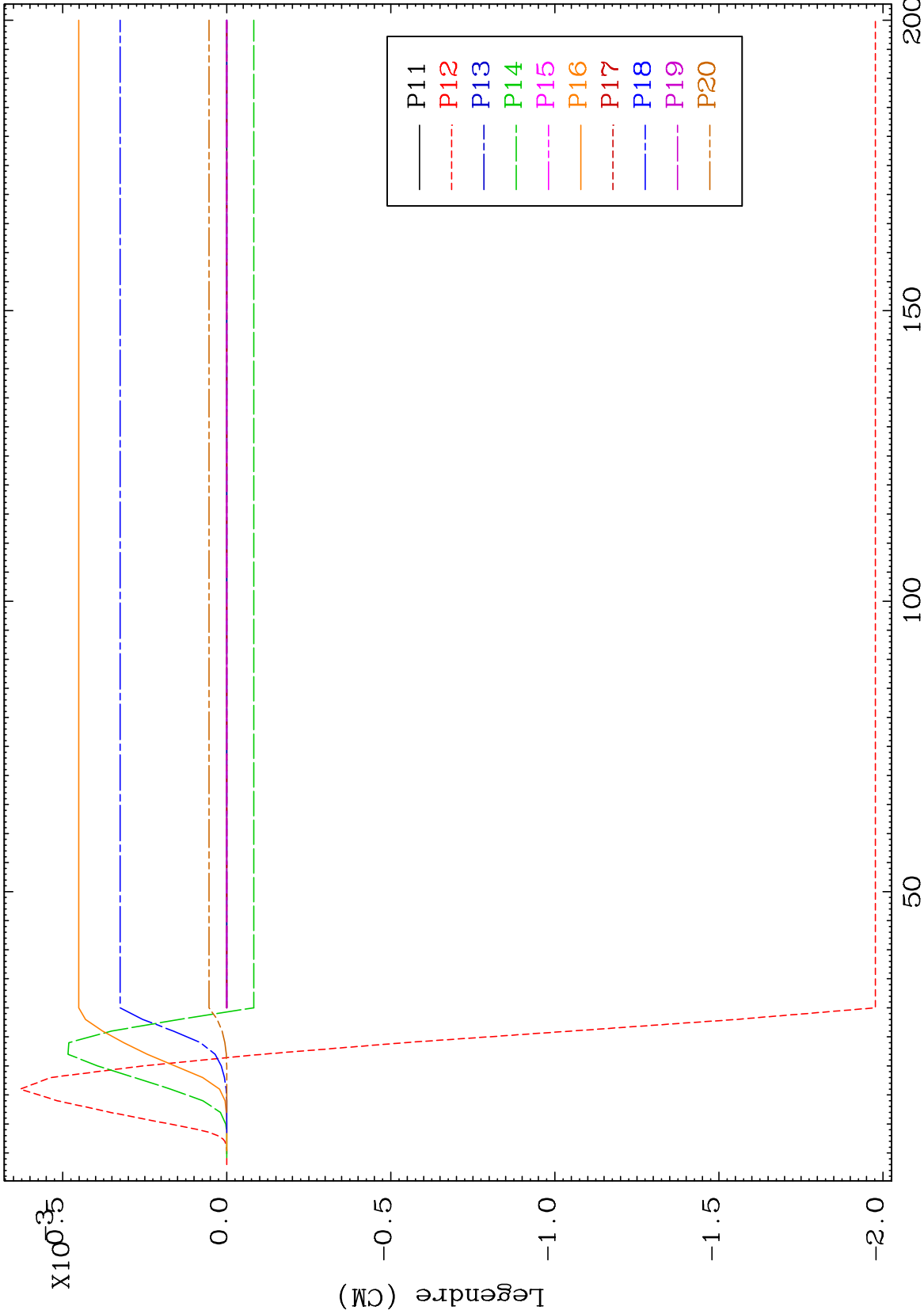


32 80-Hg-192

MAT 8013

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

80-Hg-192

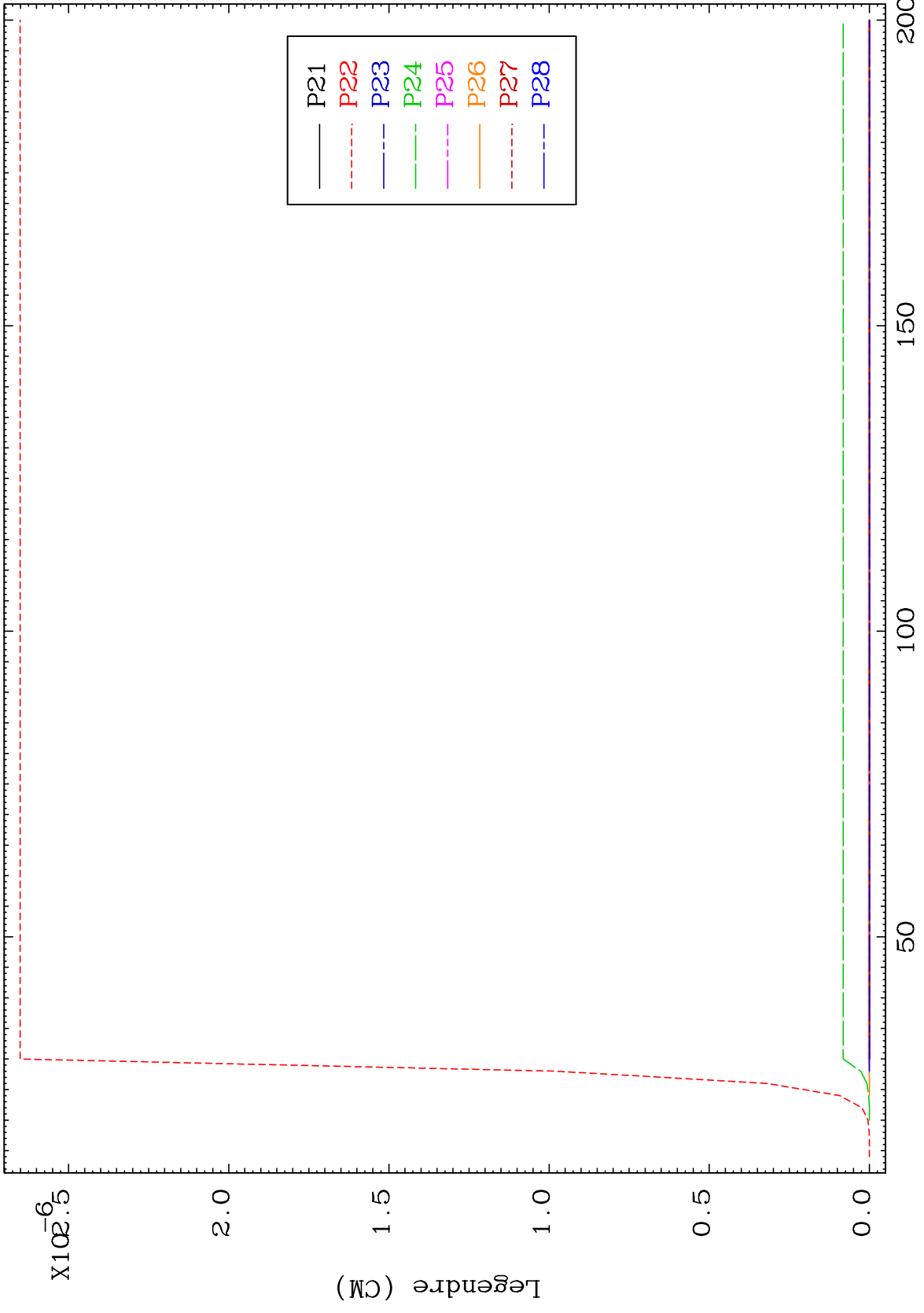


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Incident Energy (MeV)

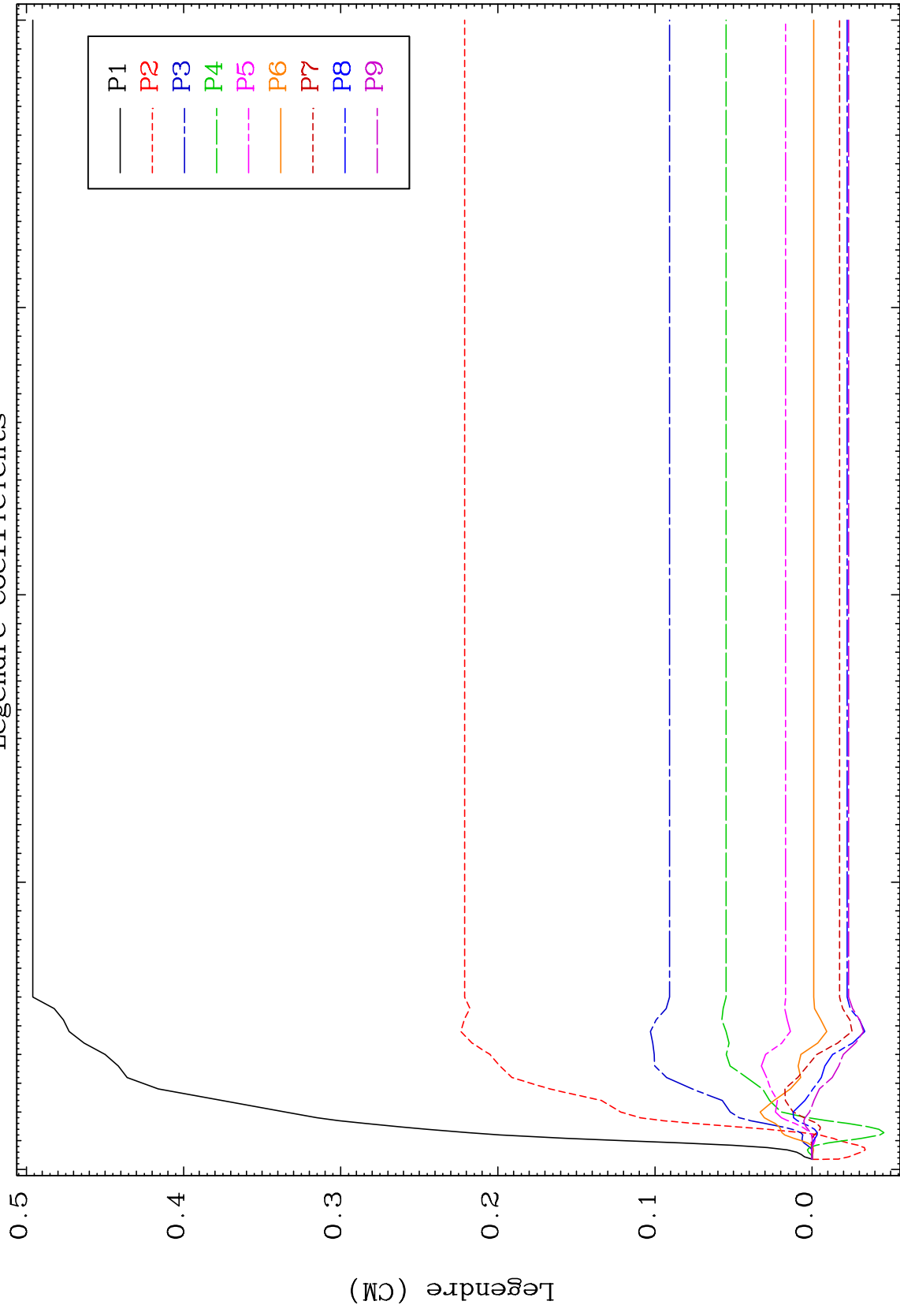
80-Hg-192

MAT 8013 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-192



34 80-Hg-192

MAT 8013 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-192

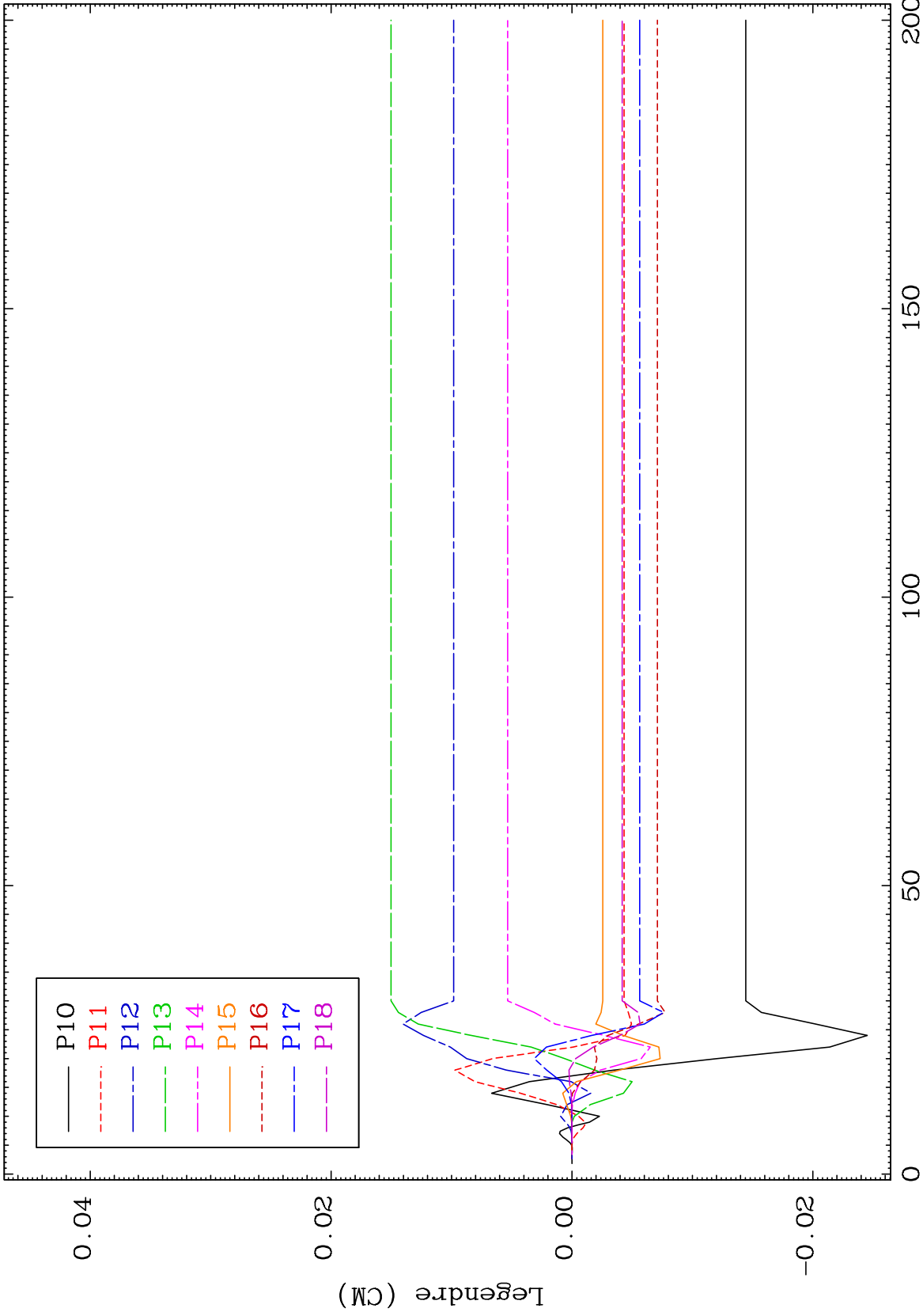


Incident Energy (MeV) 80-Hg-192

MAT 8013

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

80-Hg-192



36

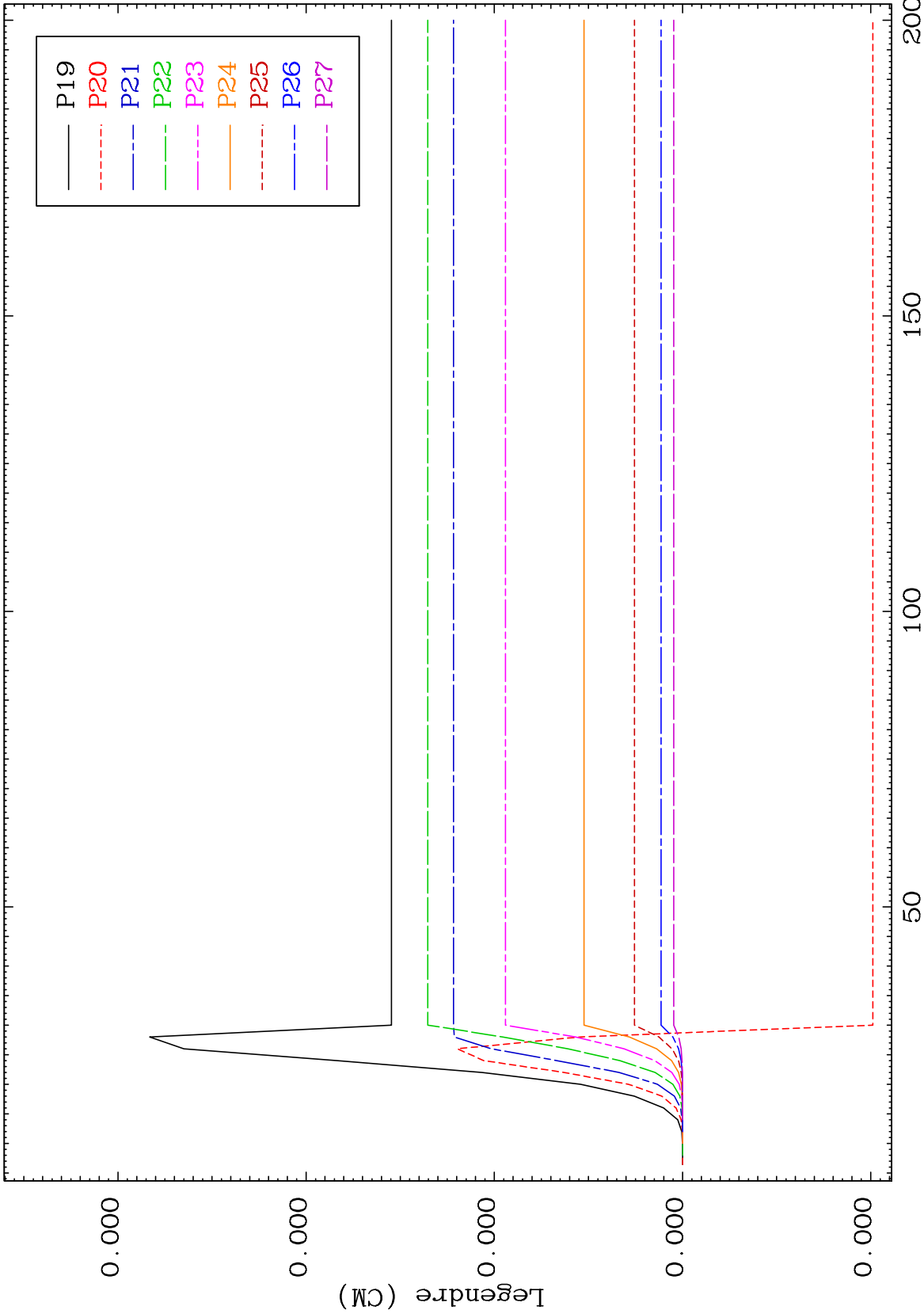
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



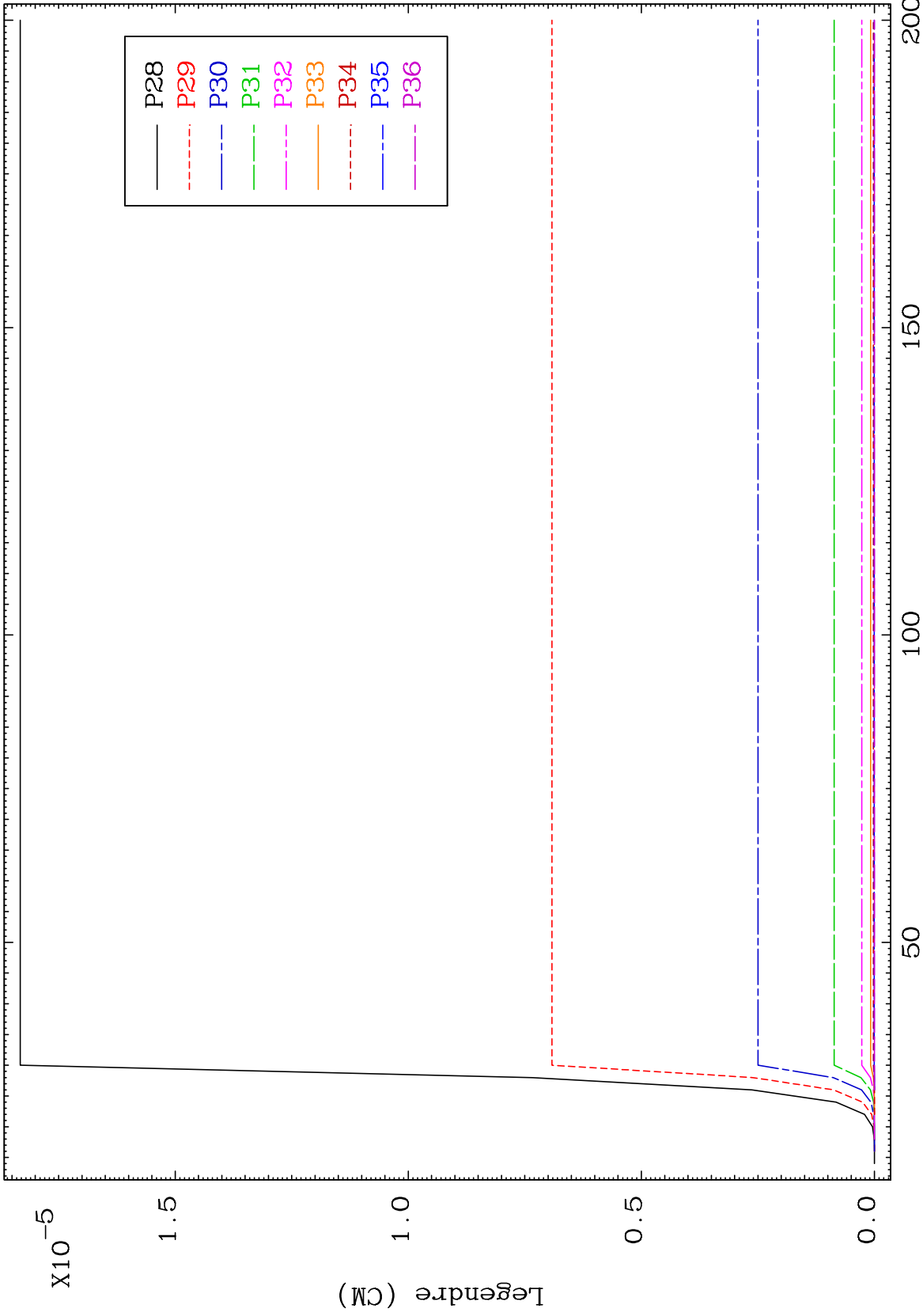
37

80-Hg-192

MAT 8013

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

80-Hg-192



38

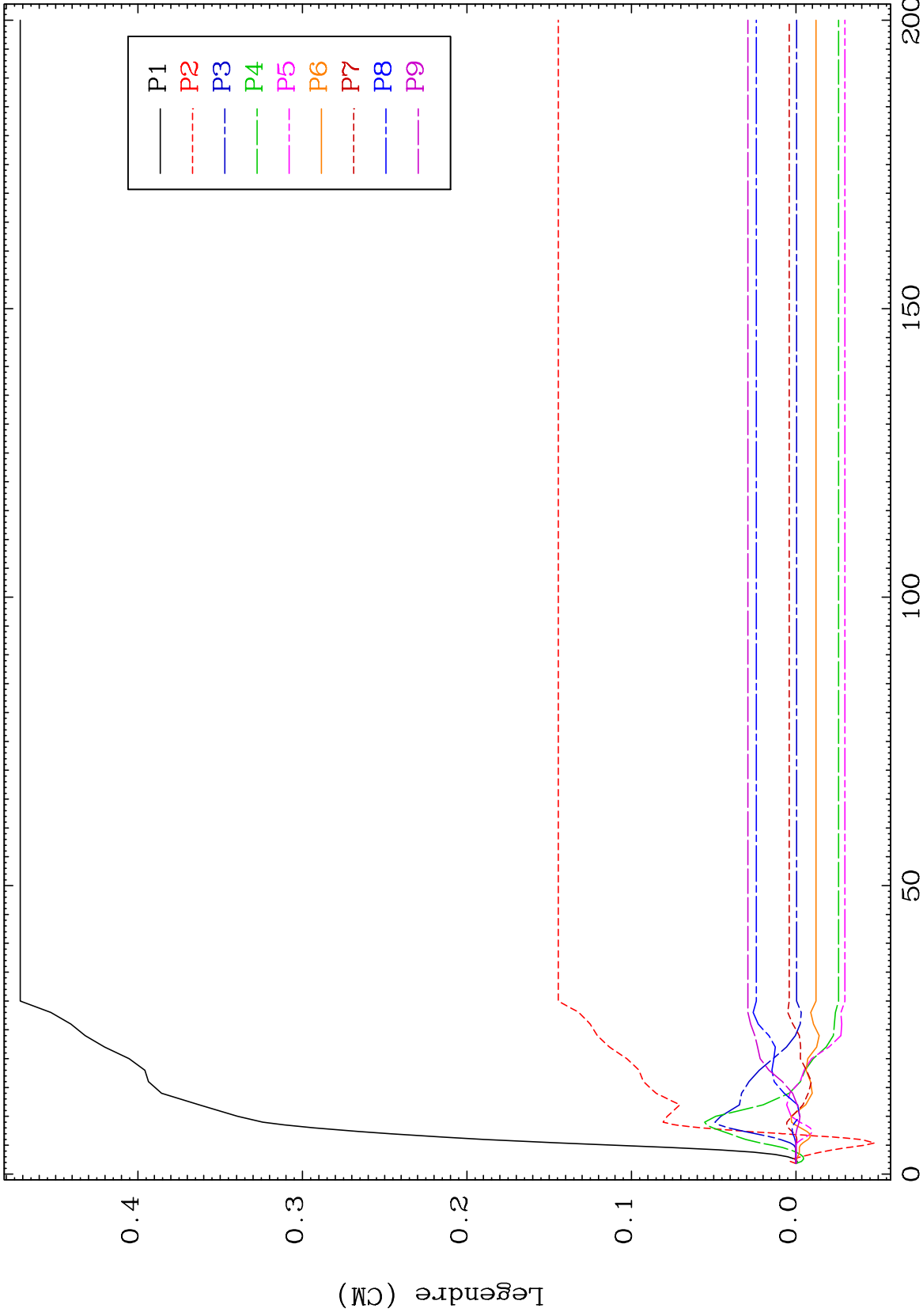
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



39

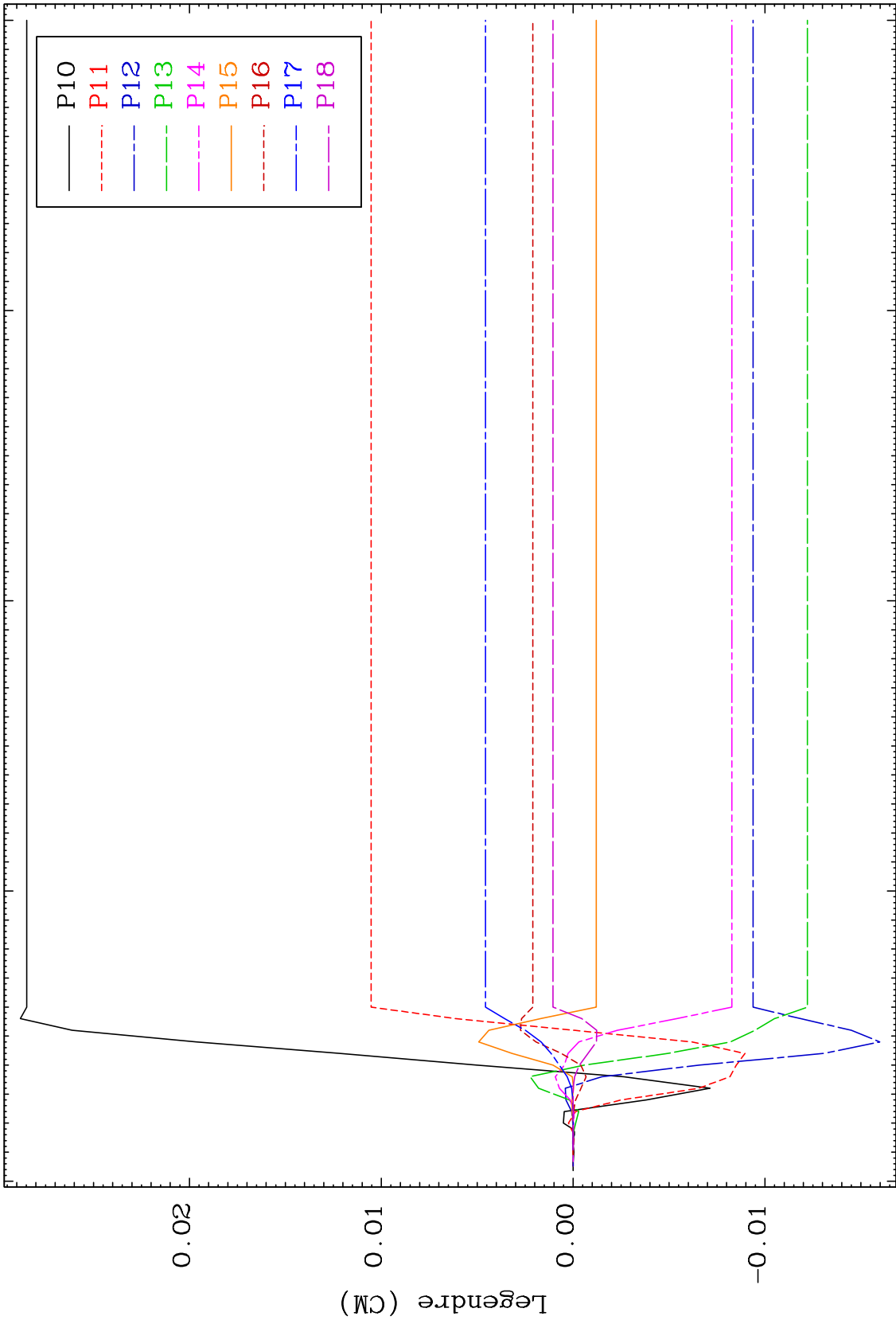
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



40

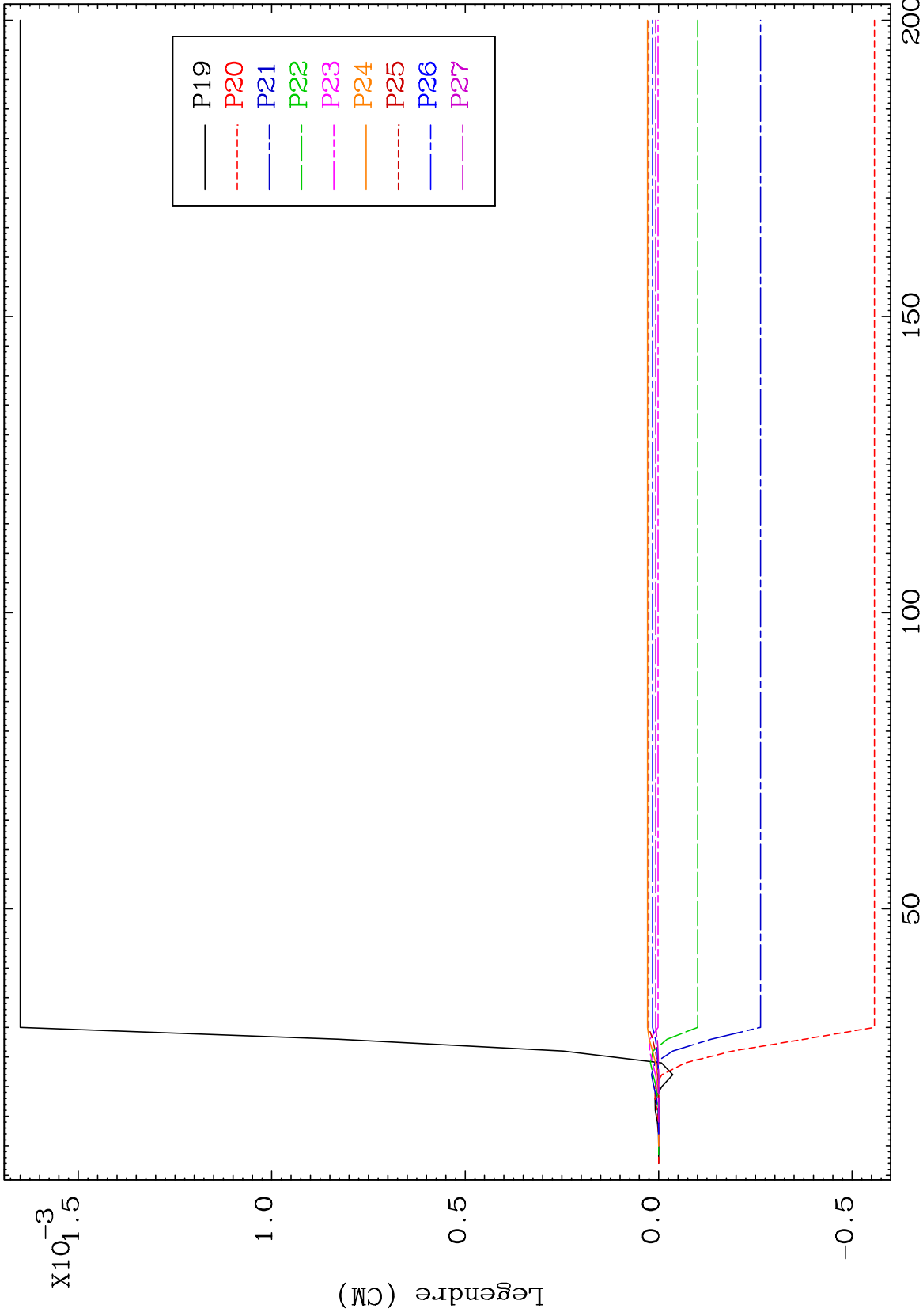
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



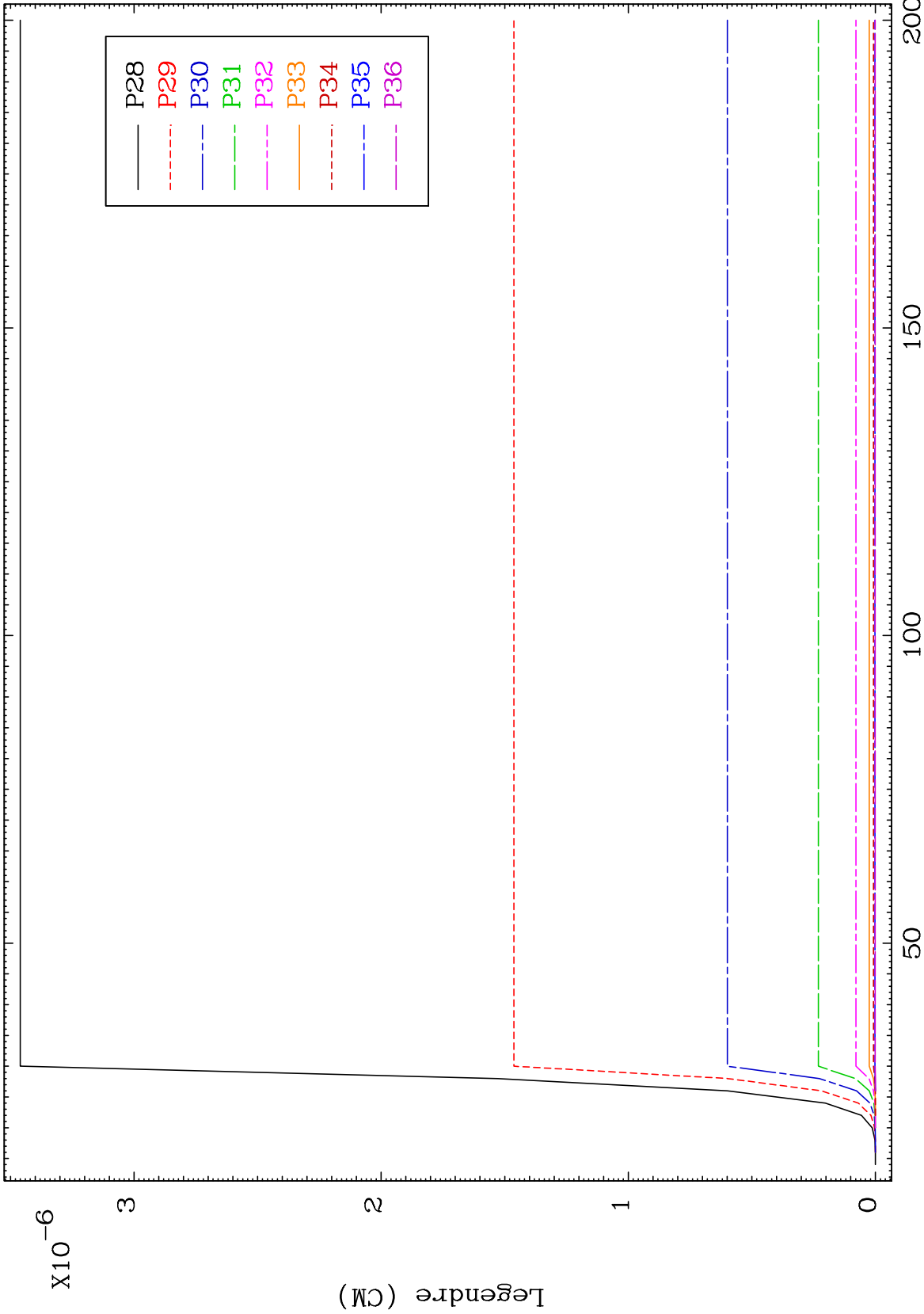
41

80-Hg-192

MAT 8013

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

80-Hg-192



42

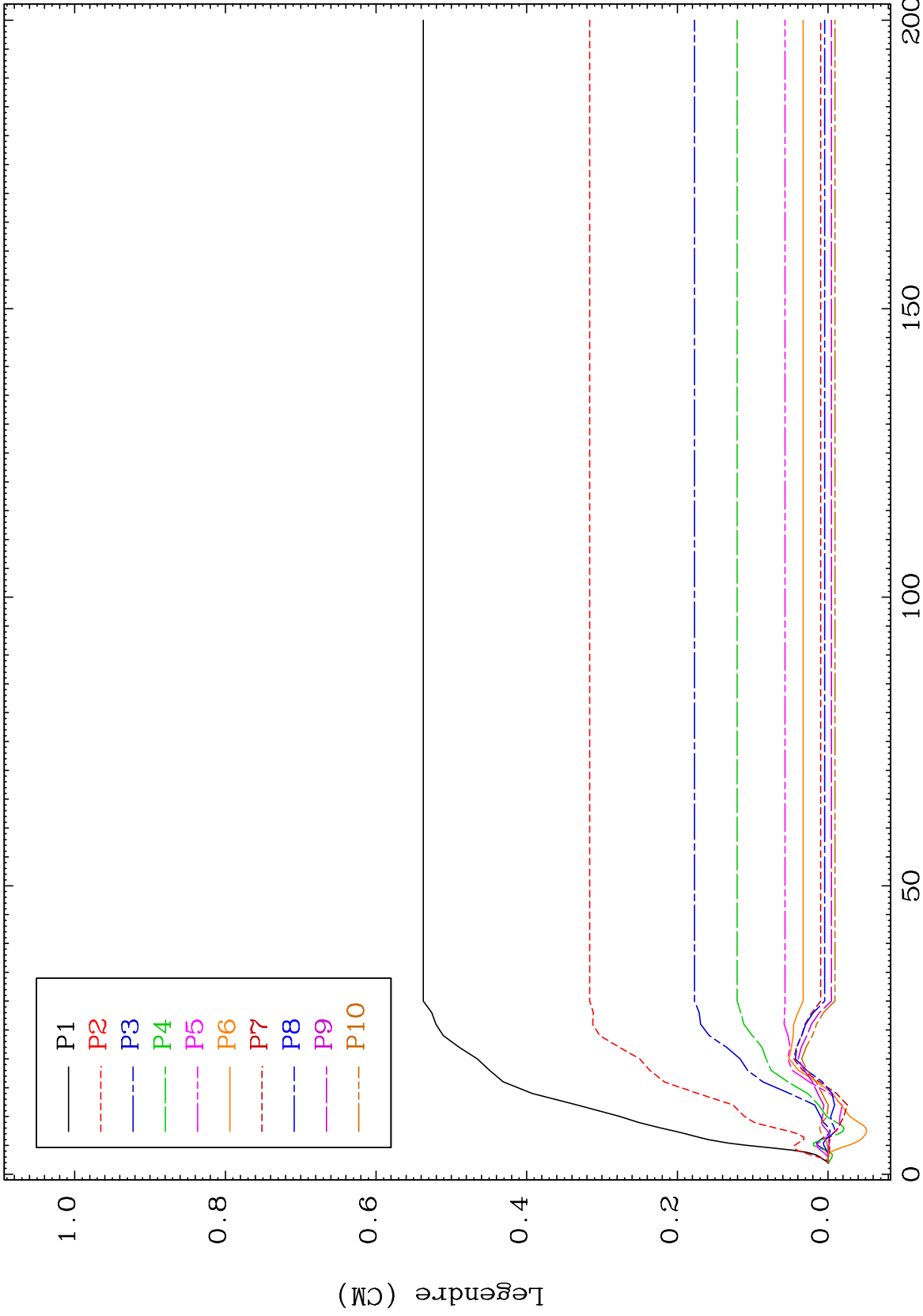
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

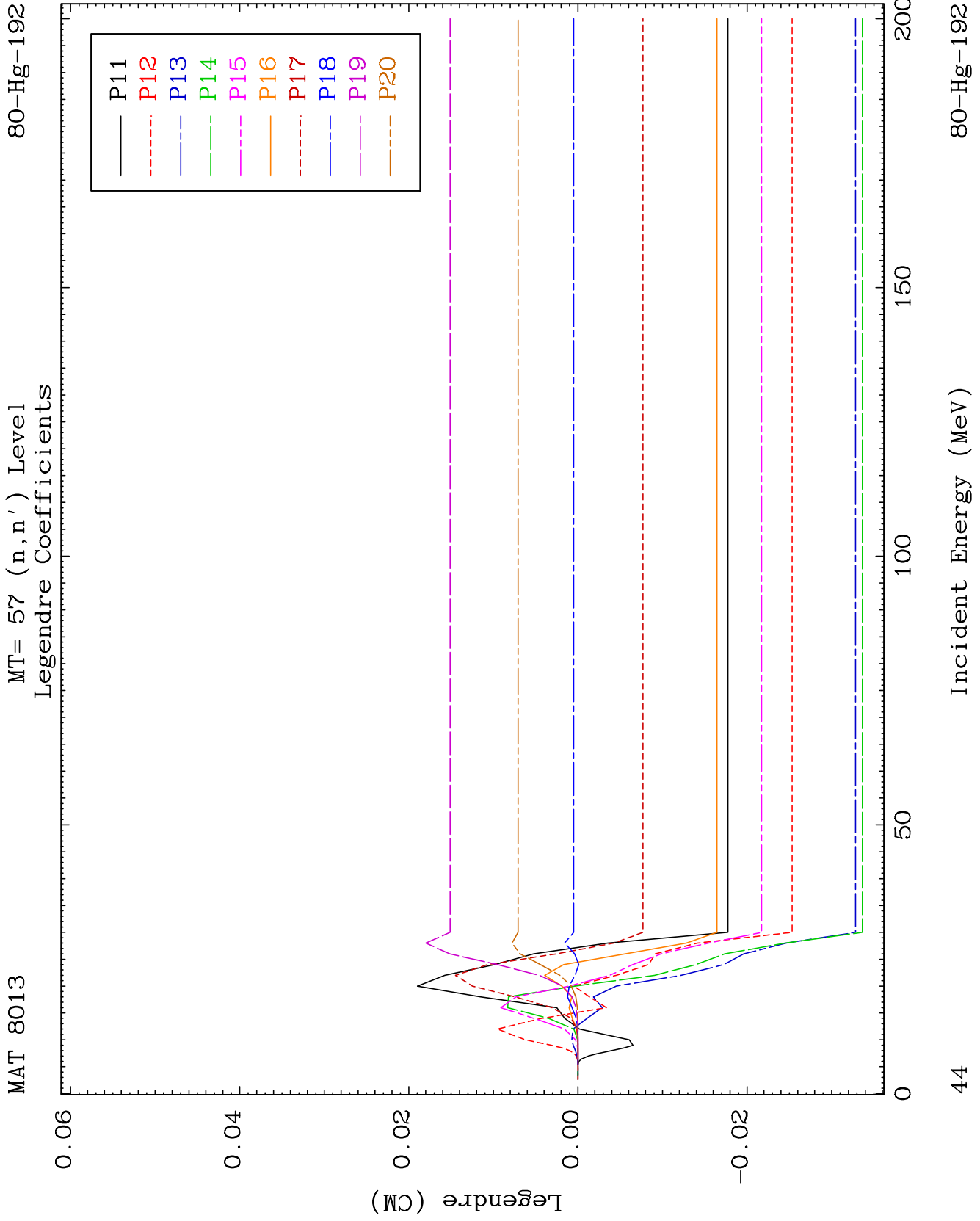
80-Hg-192



43

Incident Energy (MeV)

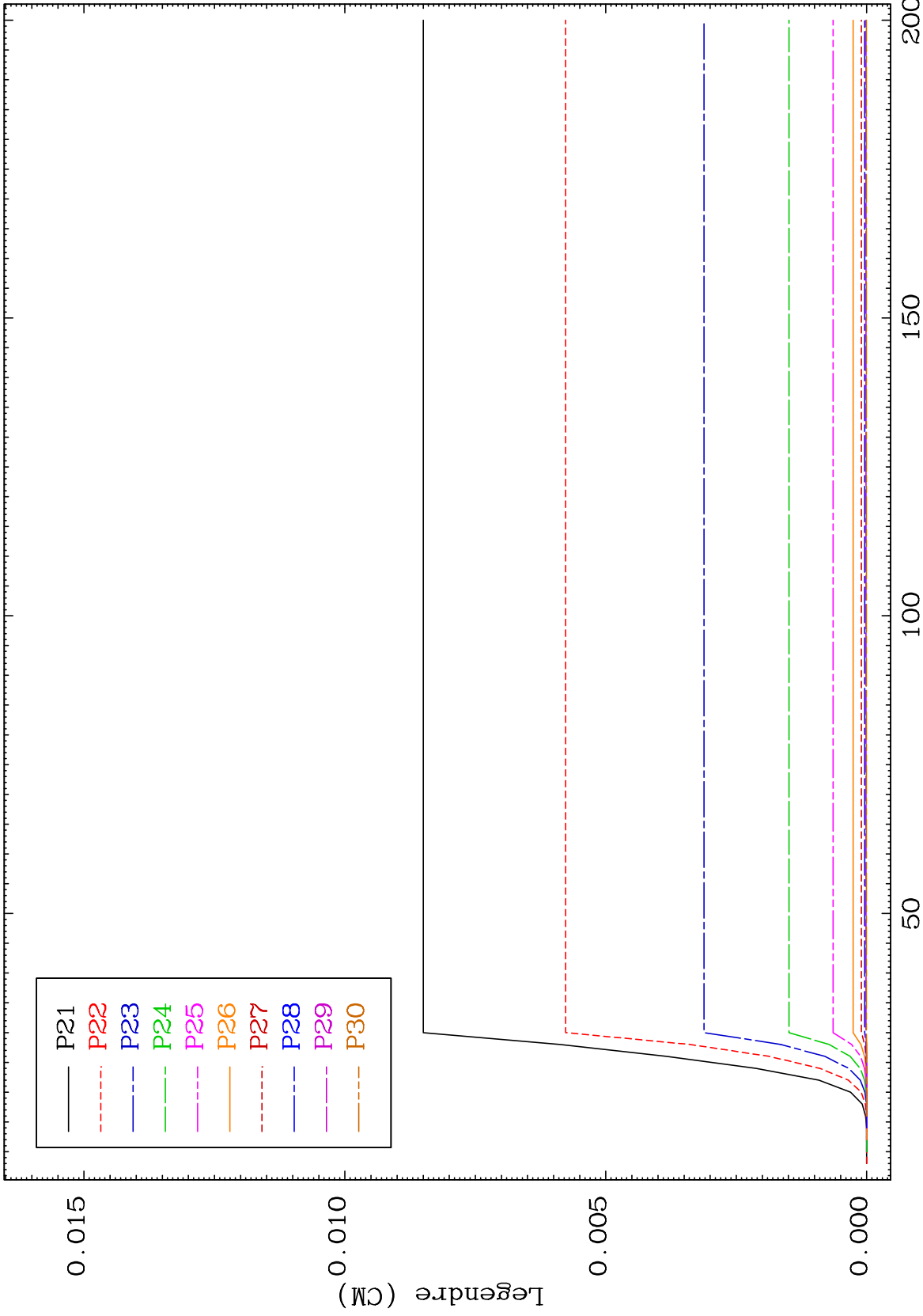
80-Hg-192



MAT 8013

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

80-Hg-192



45

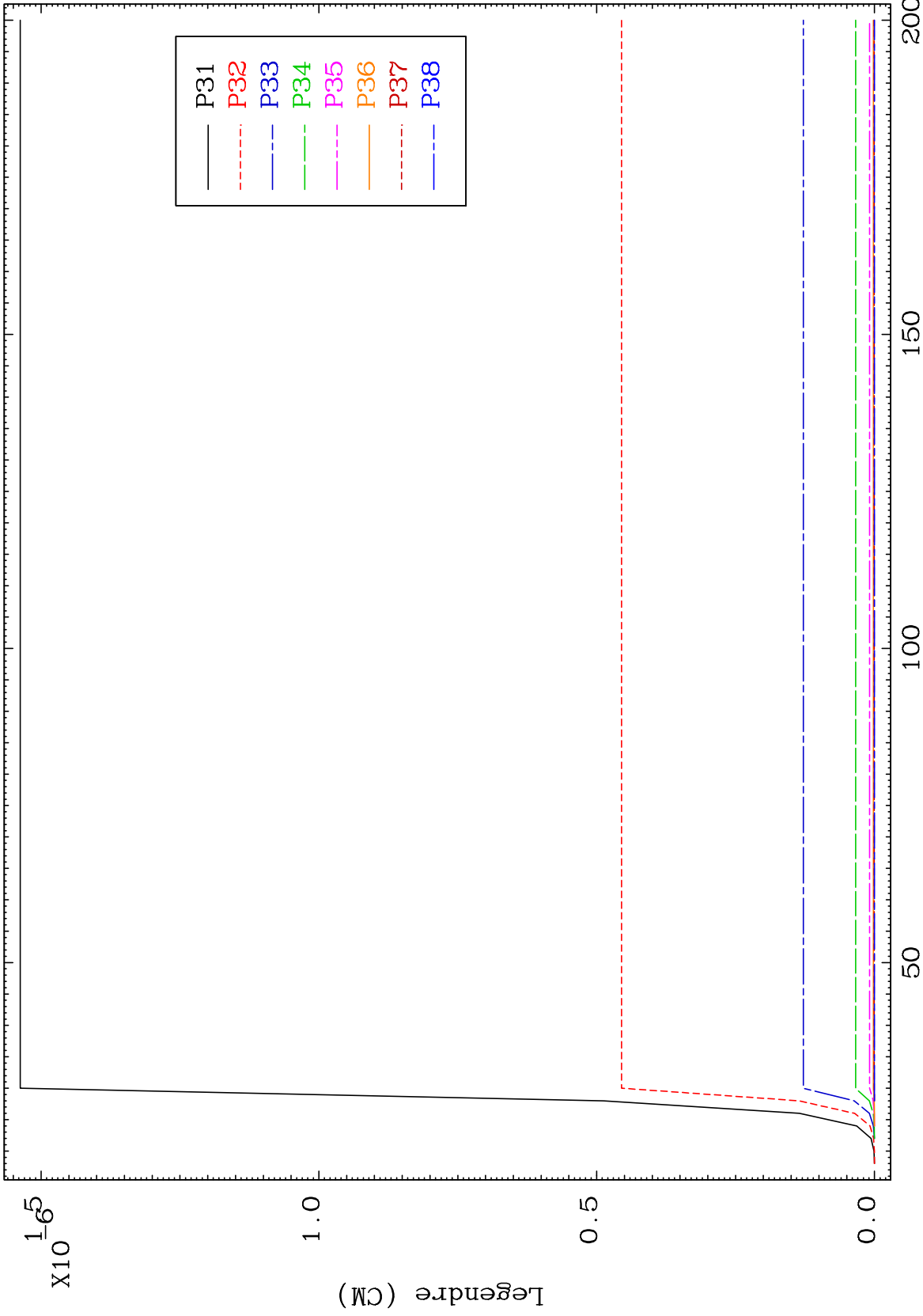
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

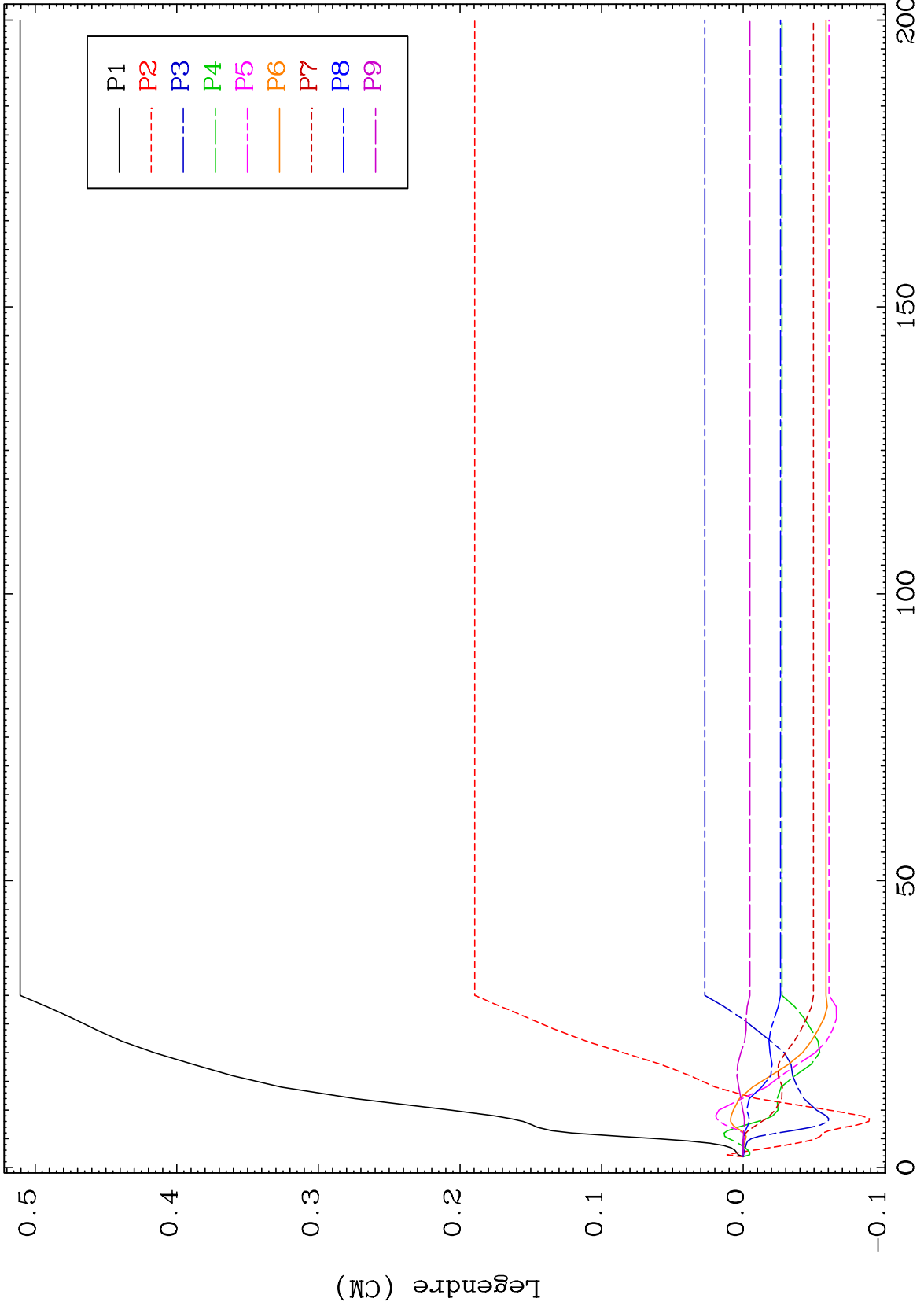


46

Incident Energy (MeV)

80-Hg-192

MAT 8013 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-192

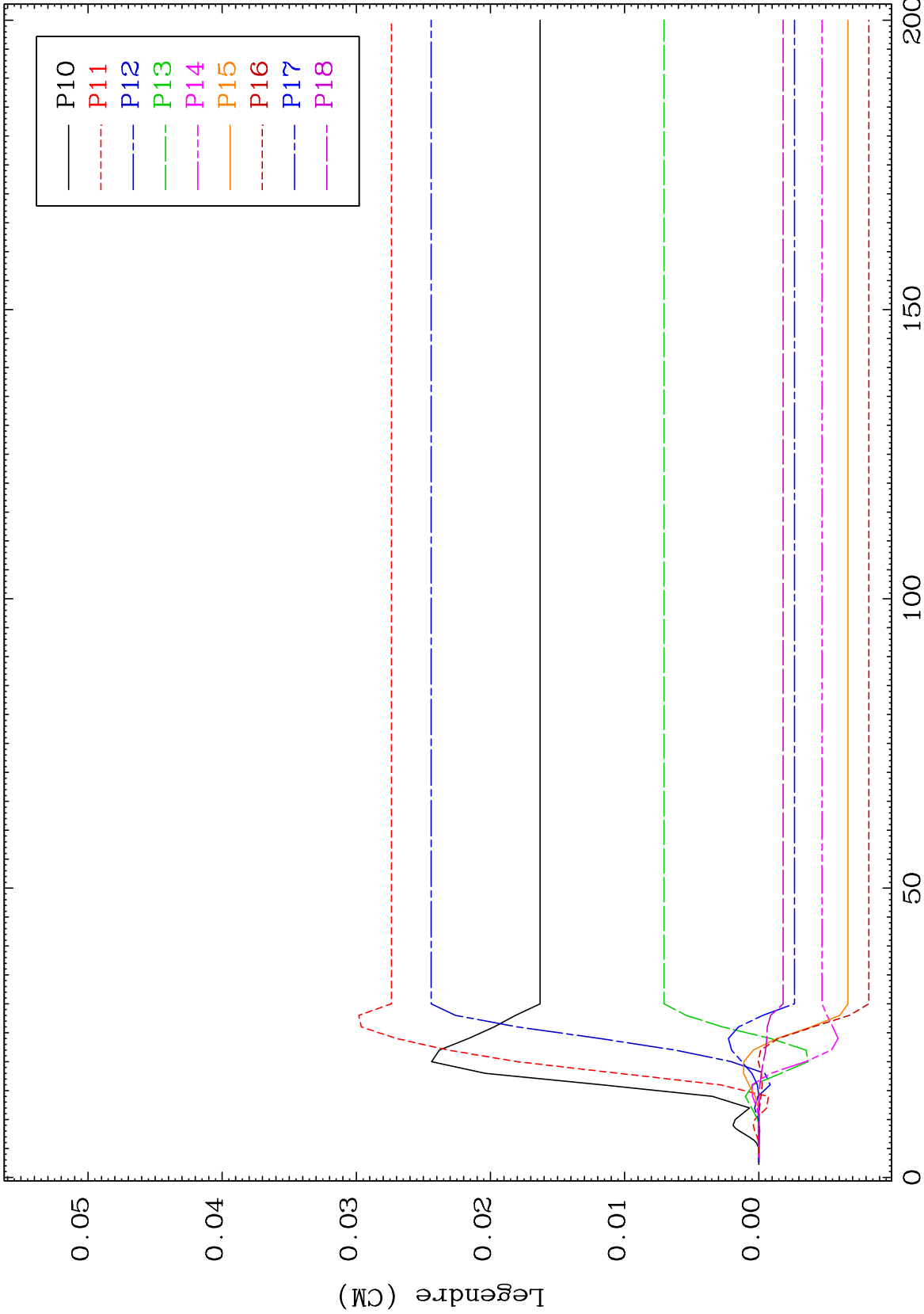


47 80-Hg-192

MAT 8013

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

80-Hg-192



48

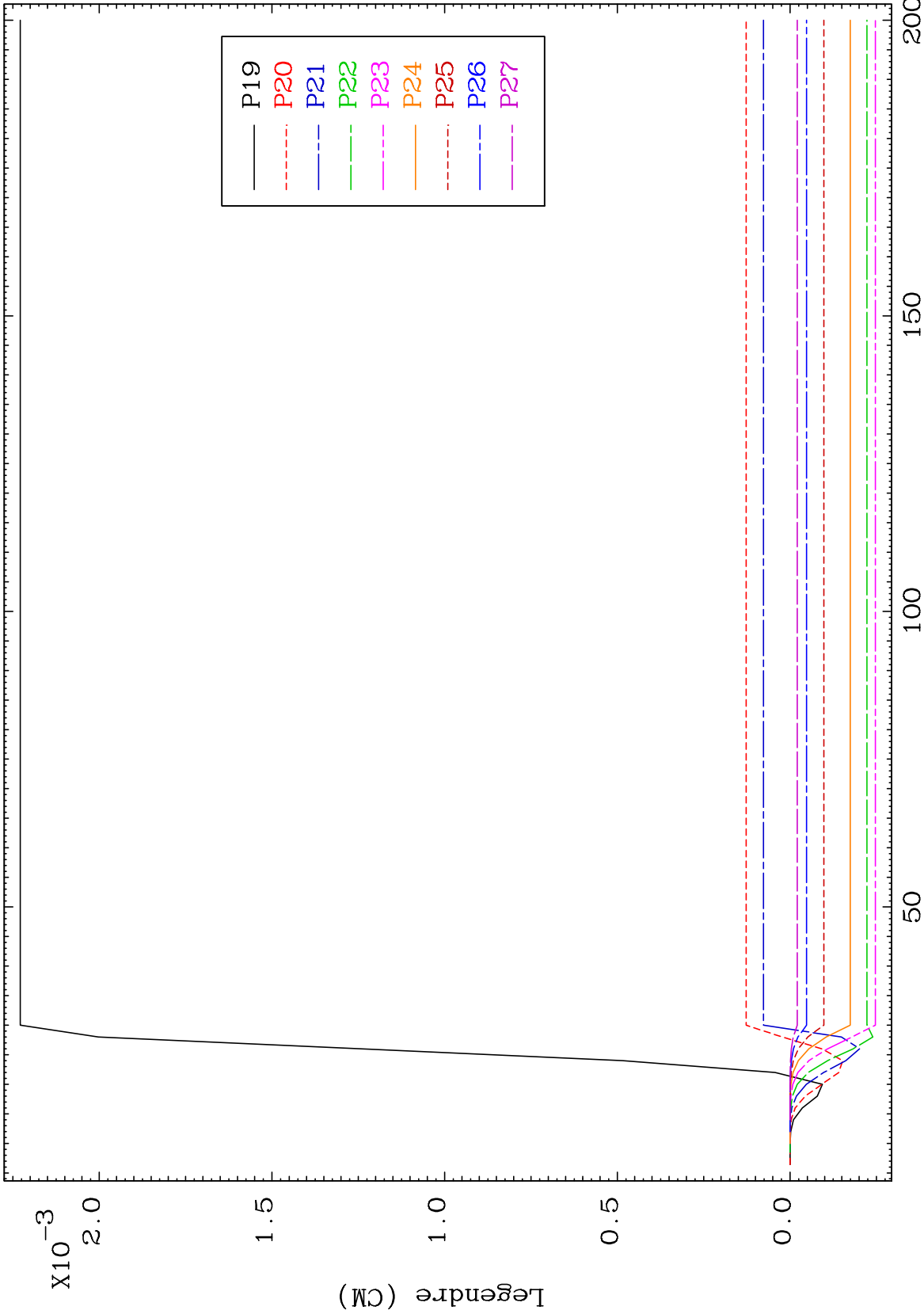
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

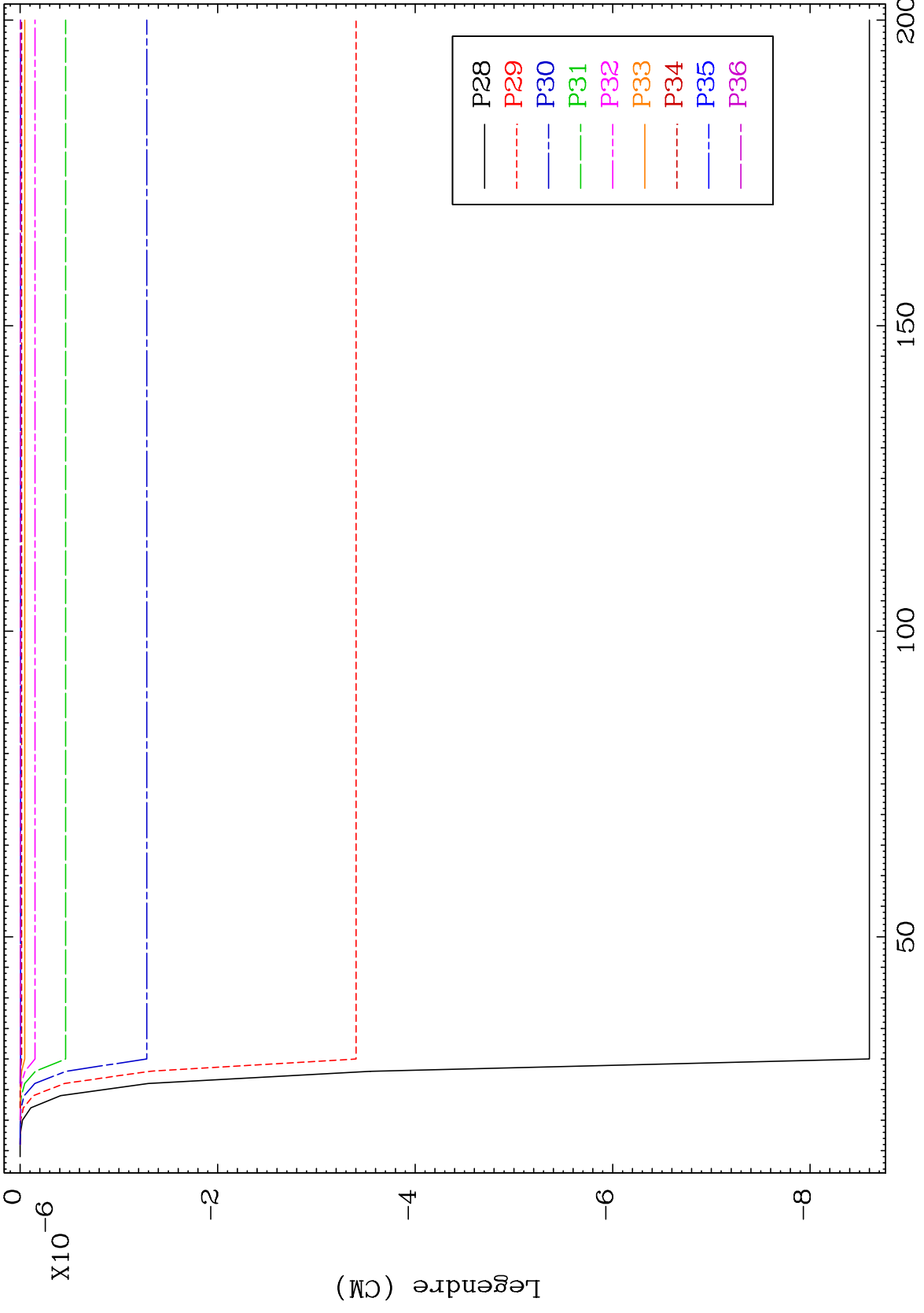
80-Hg-192



MAT 8013

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

80-Hg-192

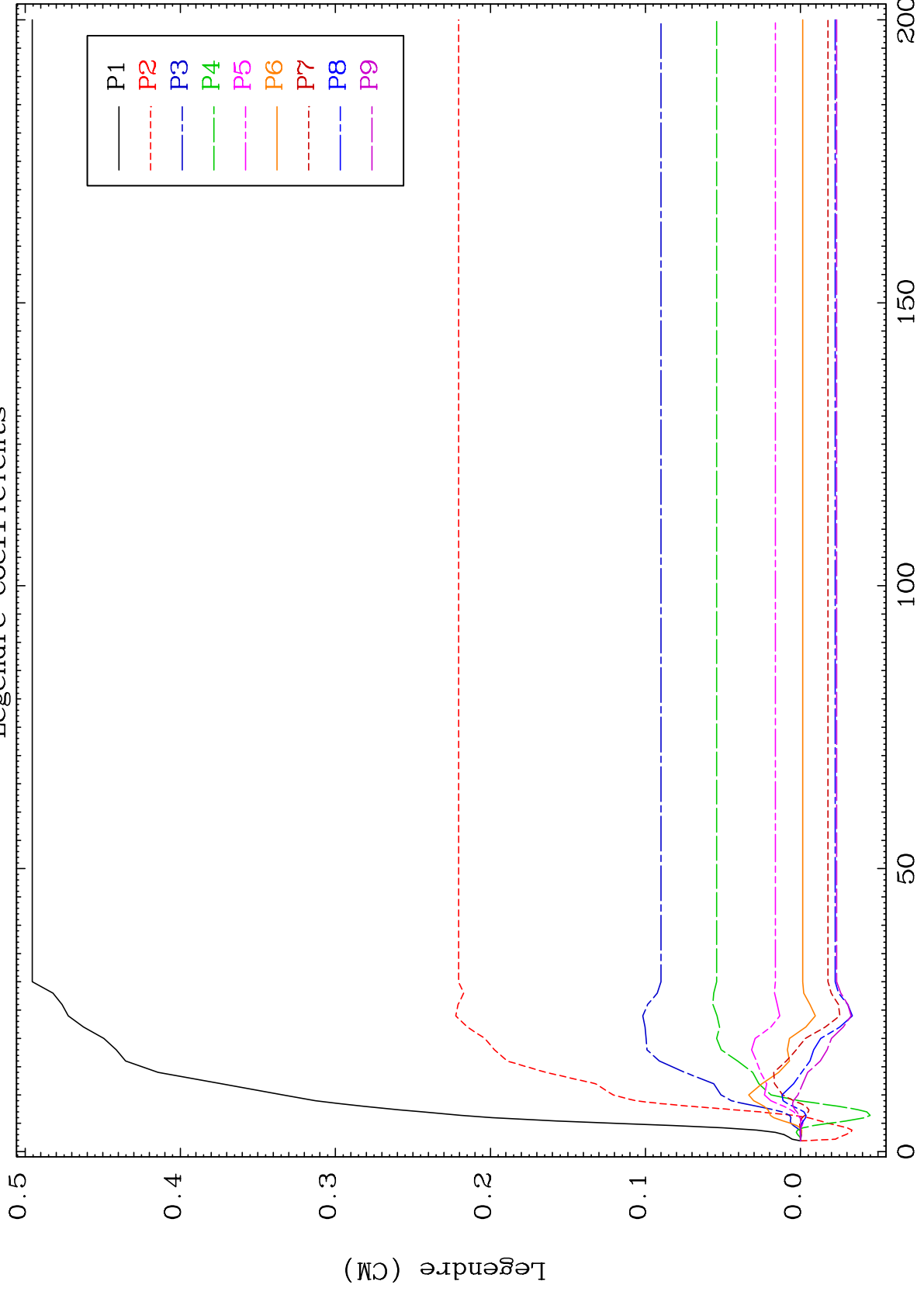


80-Hg-192

Incident Energy (MeV)

50

MAT 8013 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-192

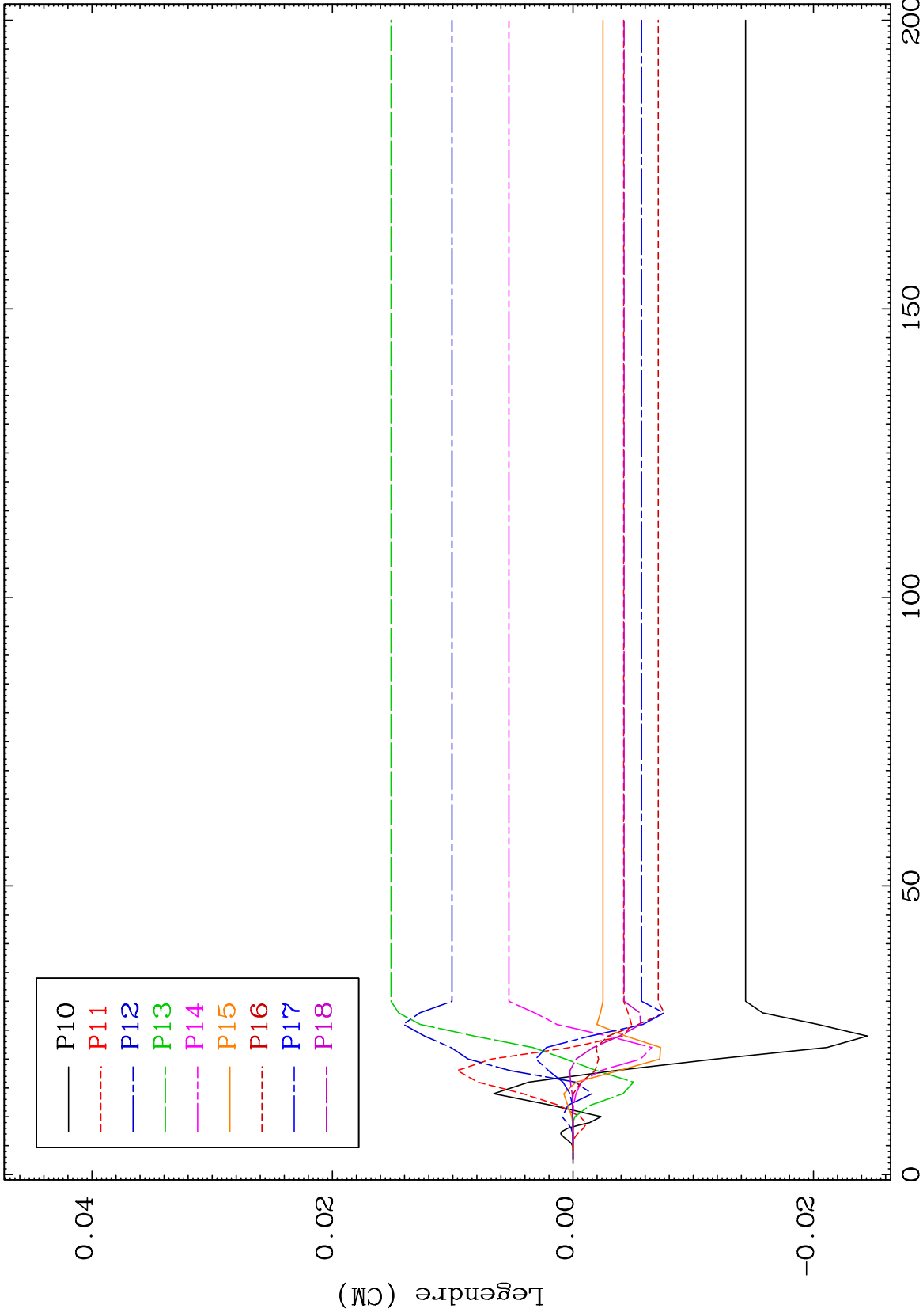


51 80-Hg-192

MAT 8013

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

80-Hg-192



52

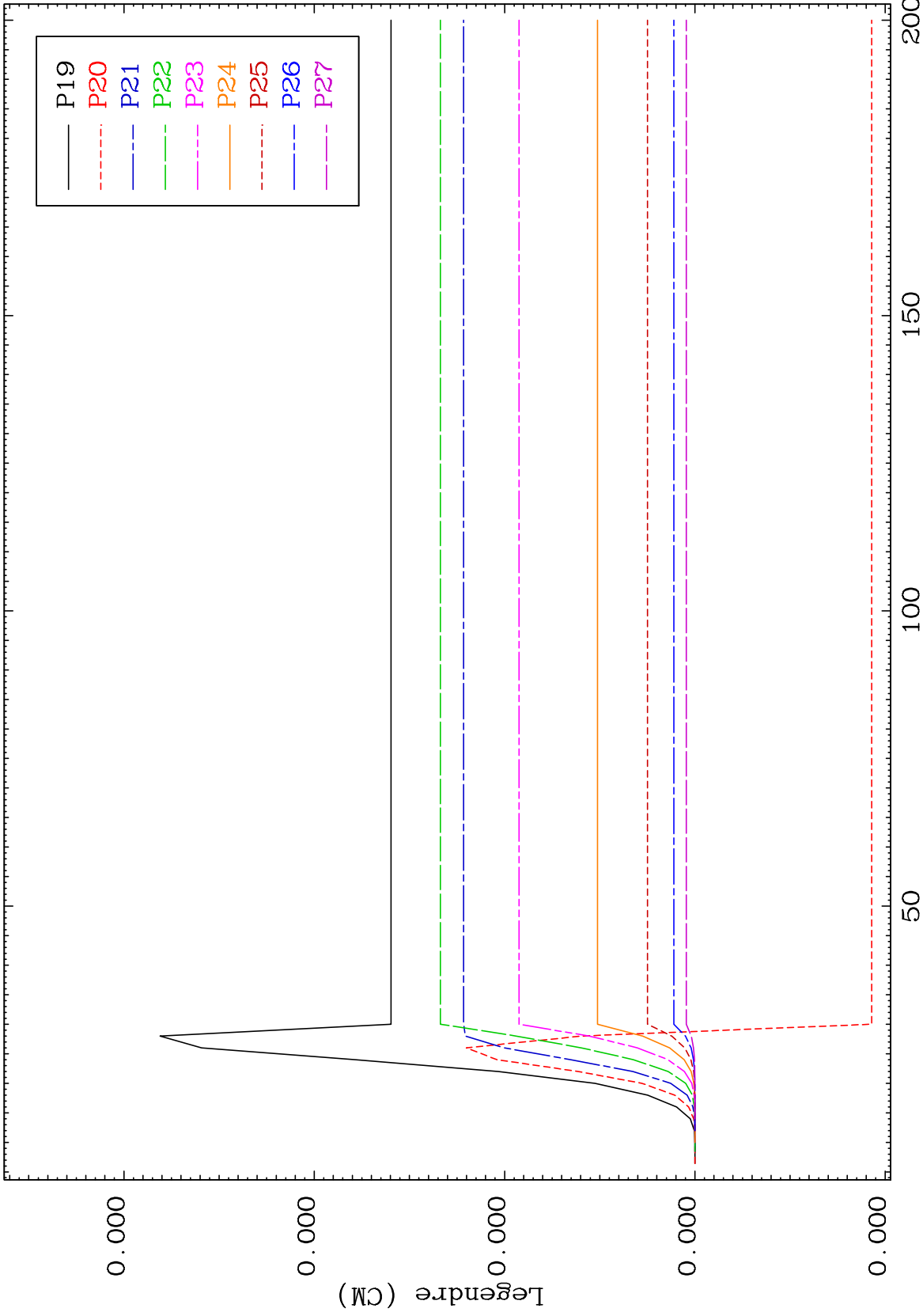
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



53

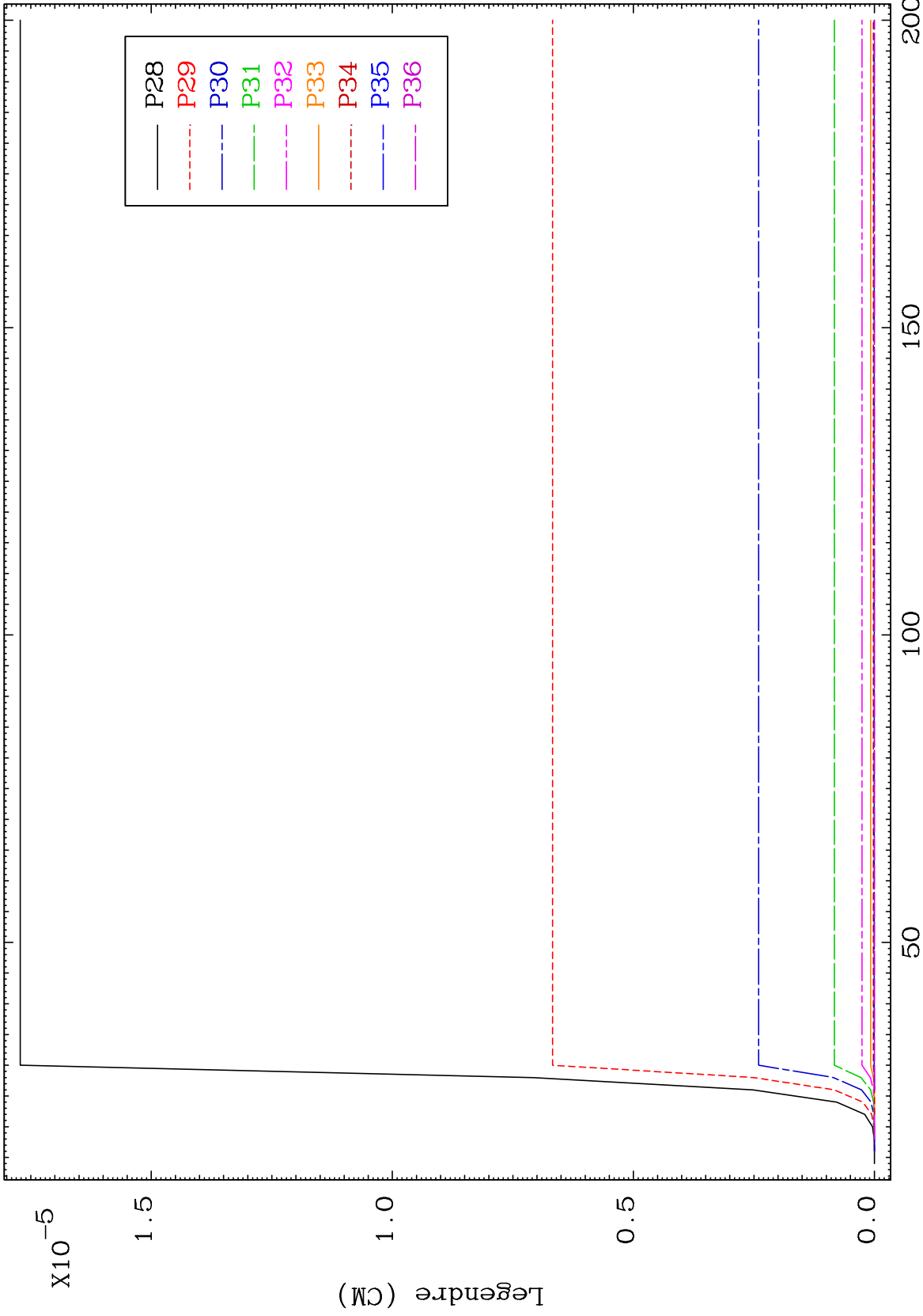
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

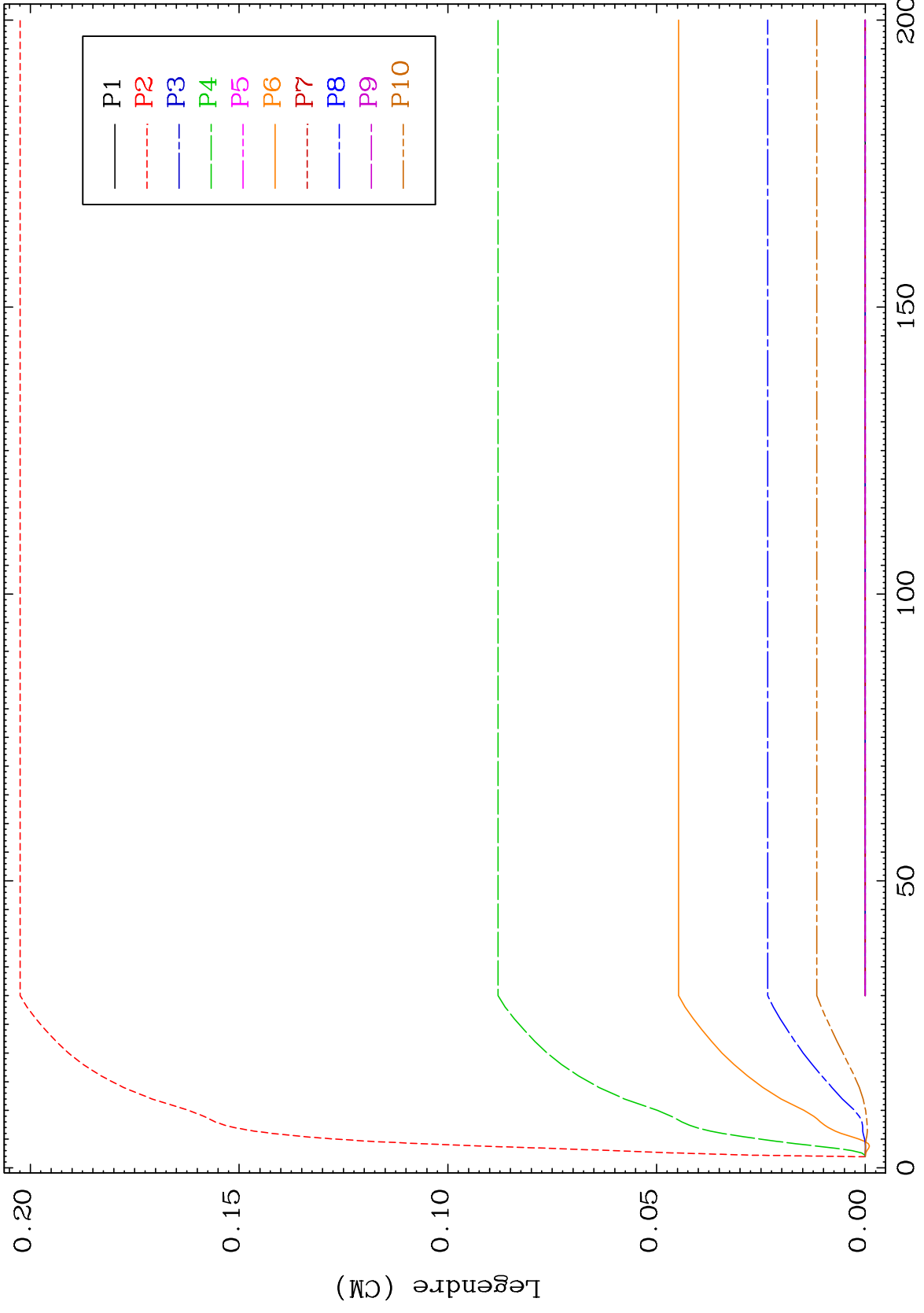


54

Incident Energy (MeV)

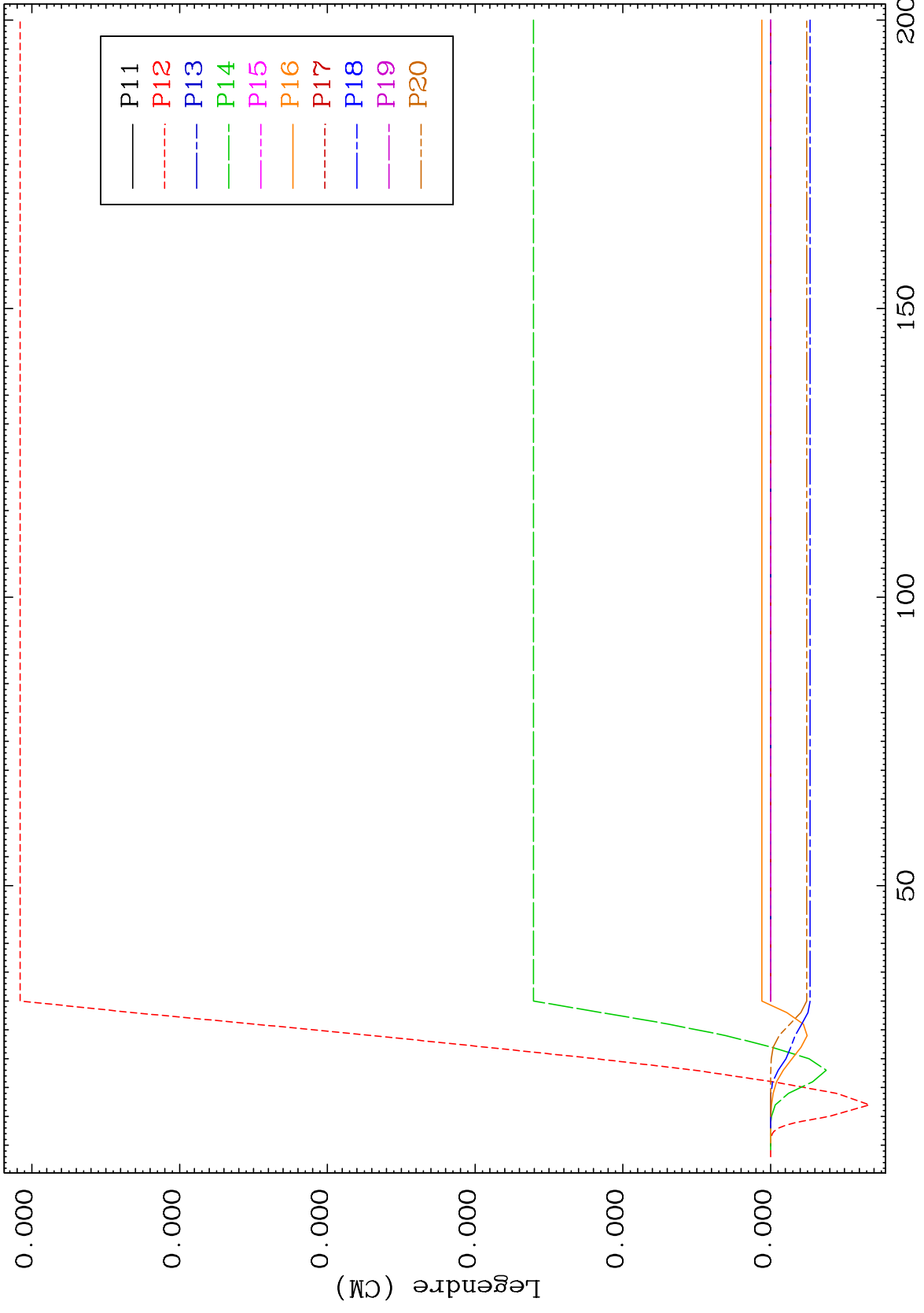
80-Hg-192

MAT 8013 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-192



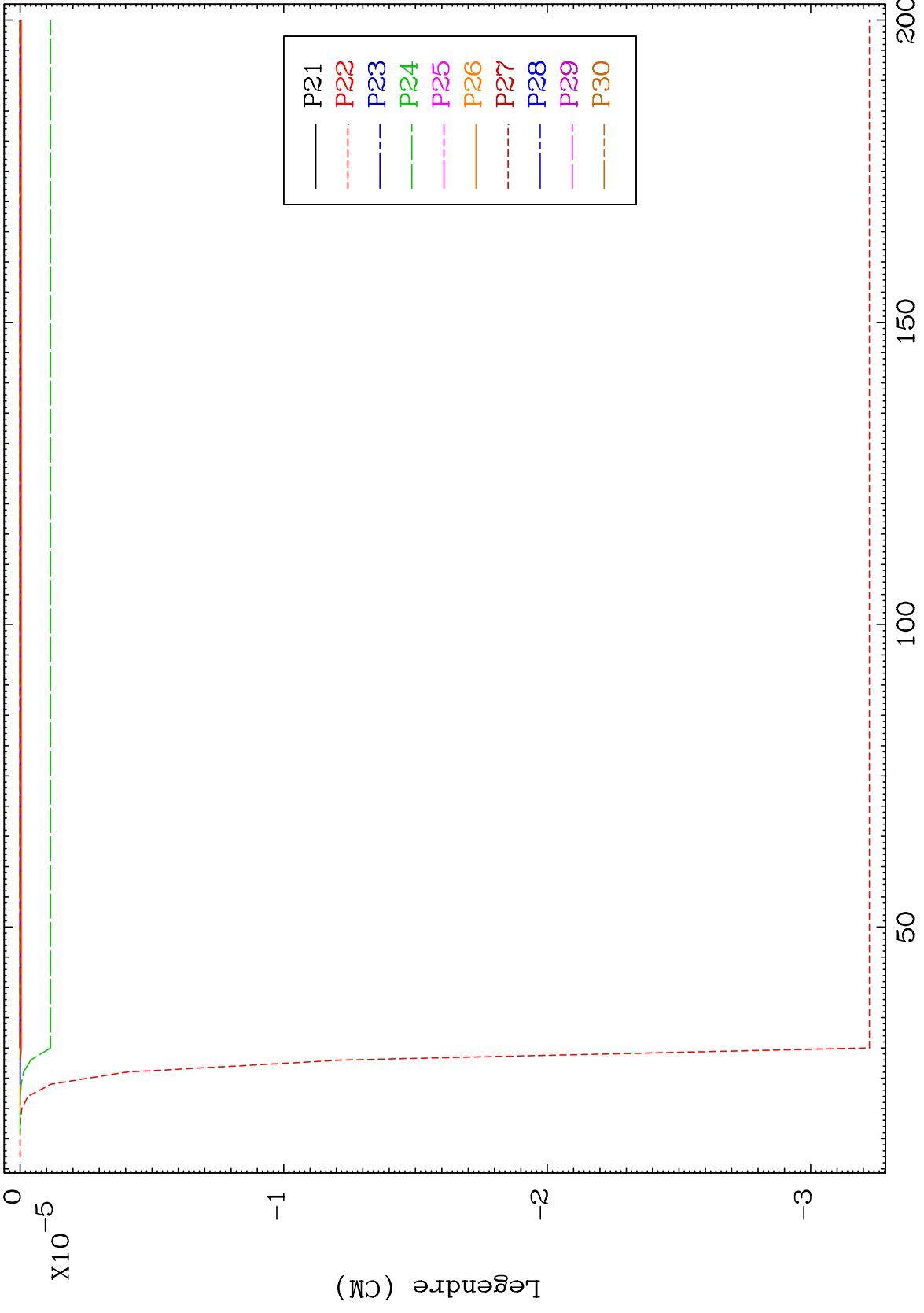
80-Hg-192

MAT 8013 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-192

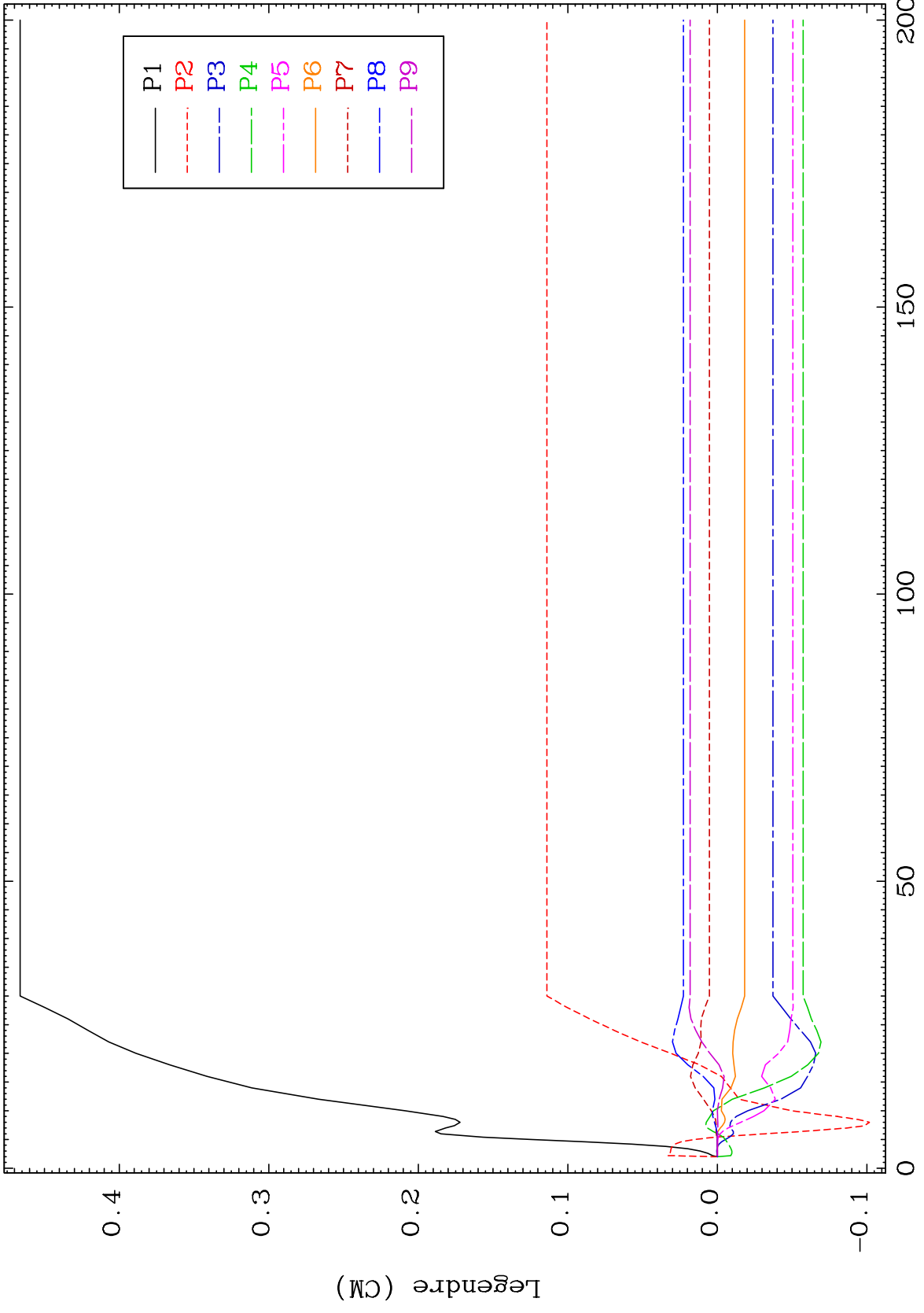


56 Incident Energy (MeV) 80-Hg-192

MAT 8013 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-192



MAT 8013 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-192

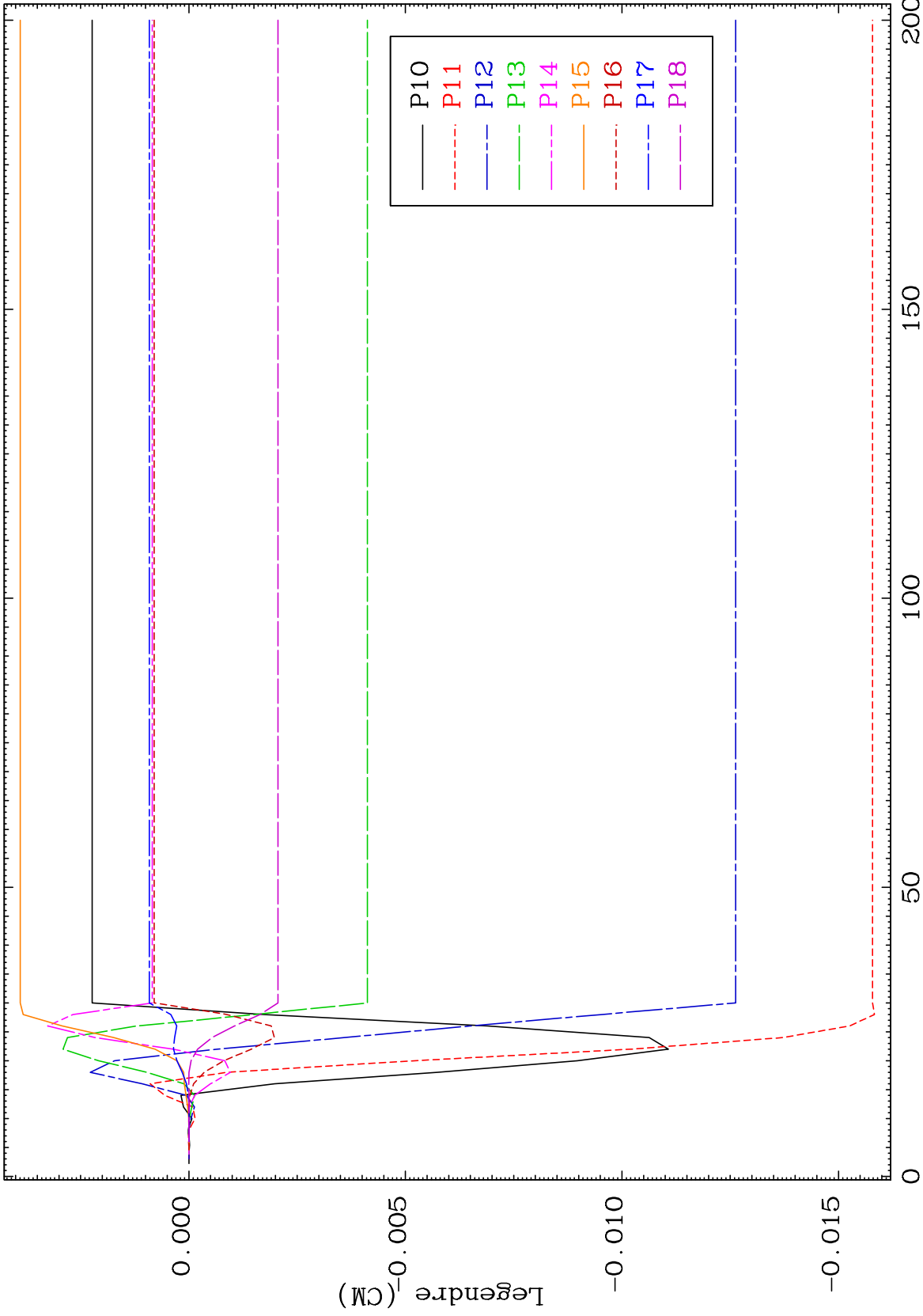


58 80-Hg-192

MAT 8013

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

80-Hg-192



59

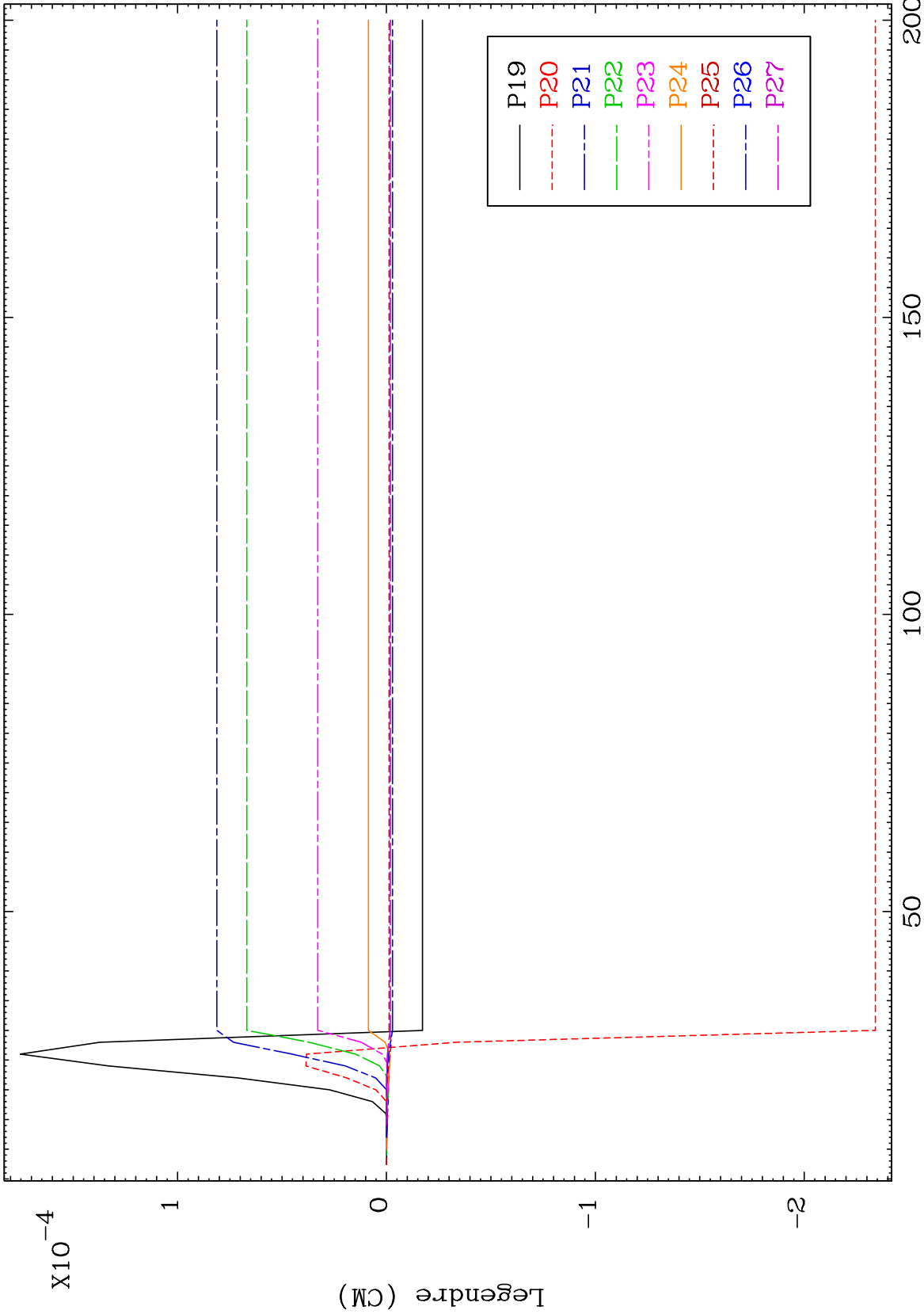
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

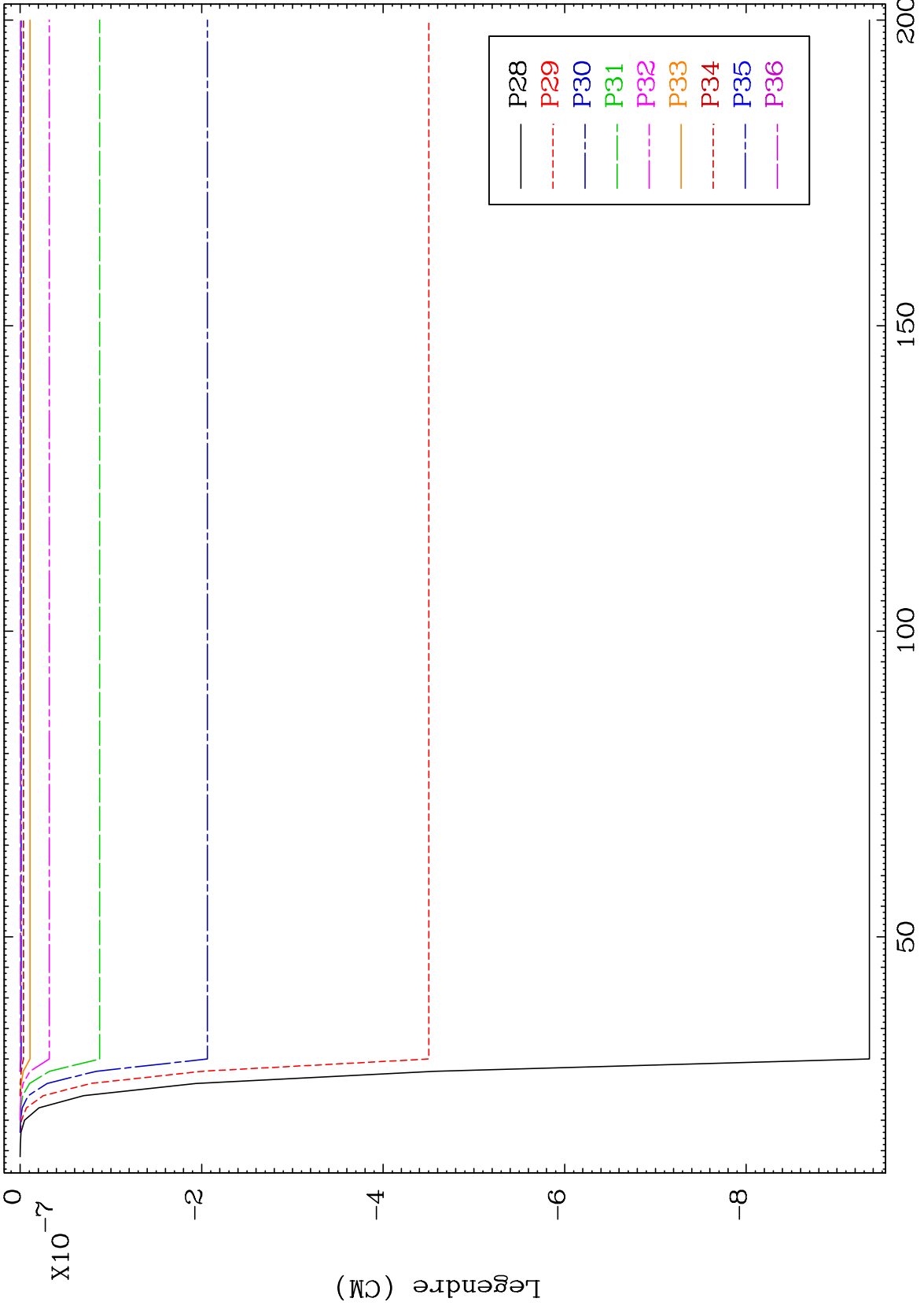


60

Incident Energy (MeV)

80-Hg-192

MAT 8013 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-192

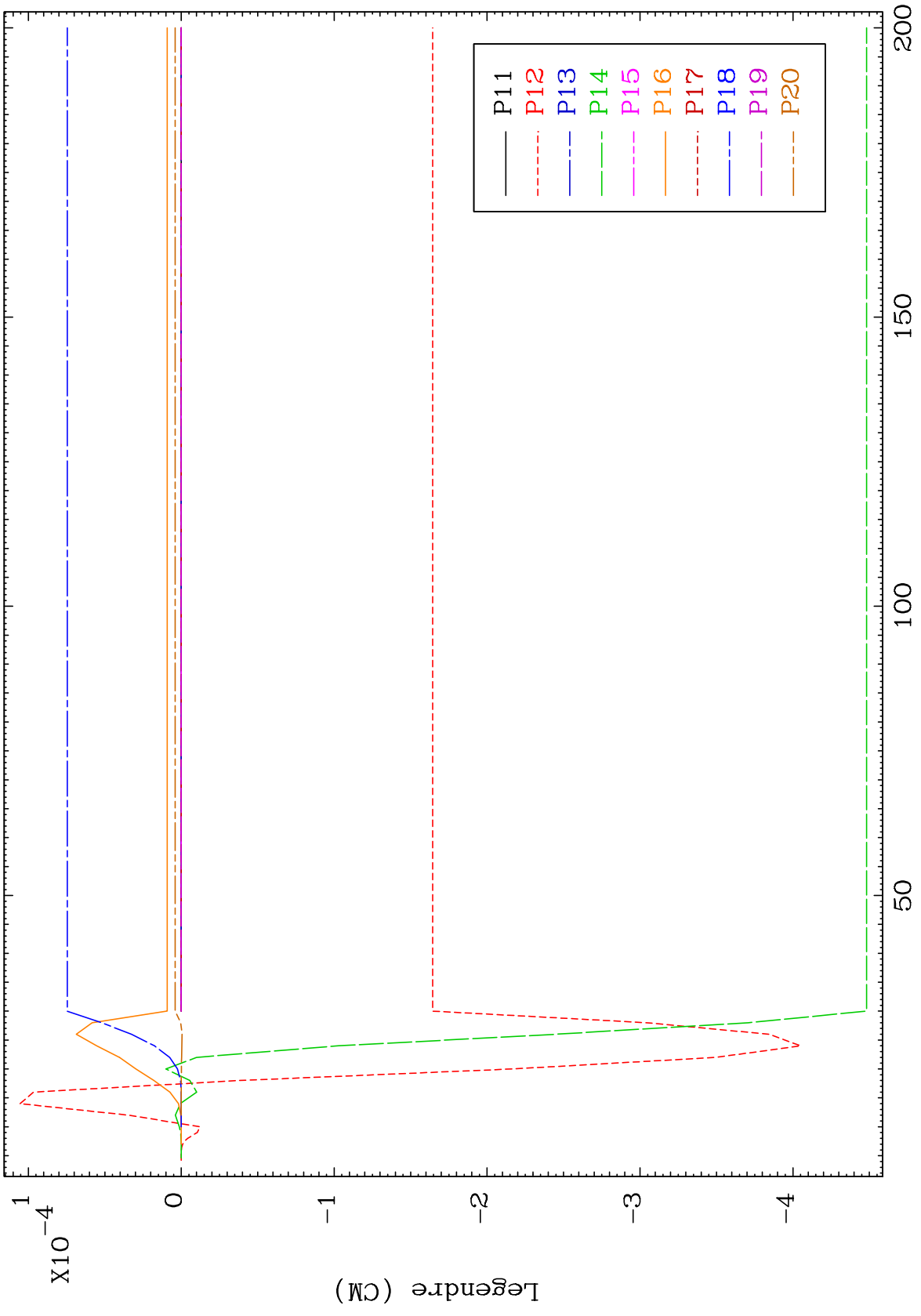


61 80-Hg-192

MAT 8013

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

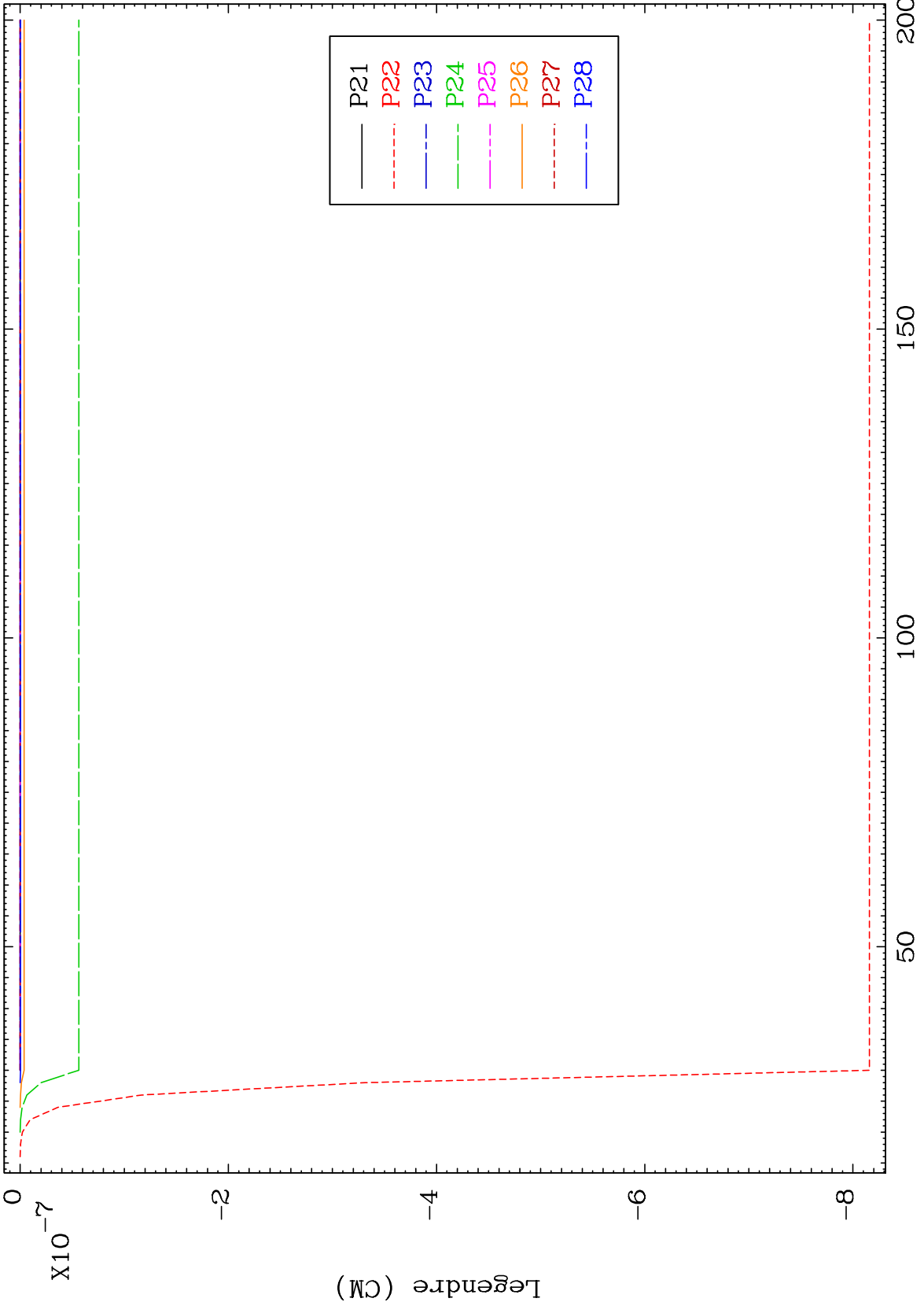
80-Hg-192



63

80-Hg-192

MAT 8013 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-192

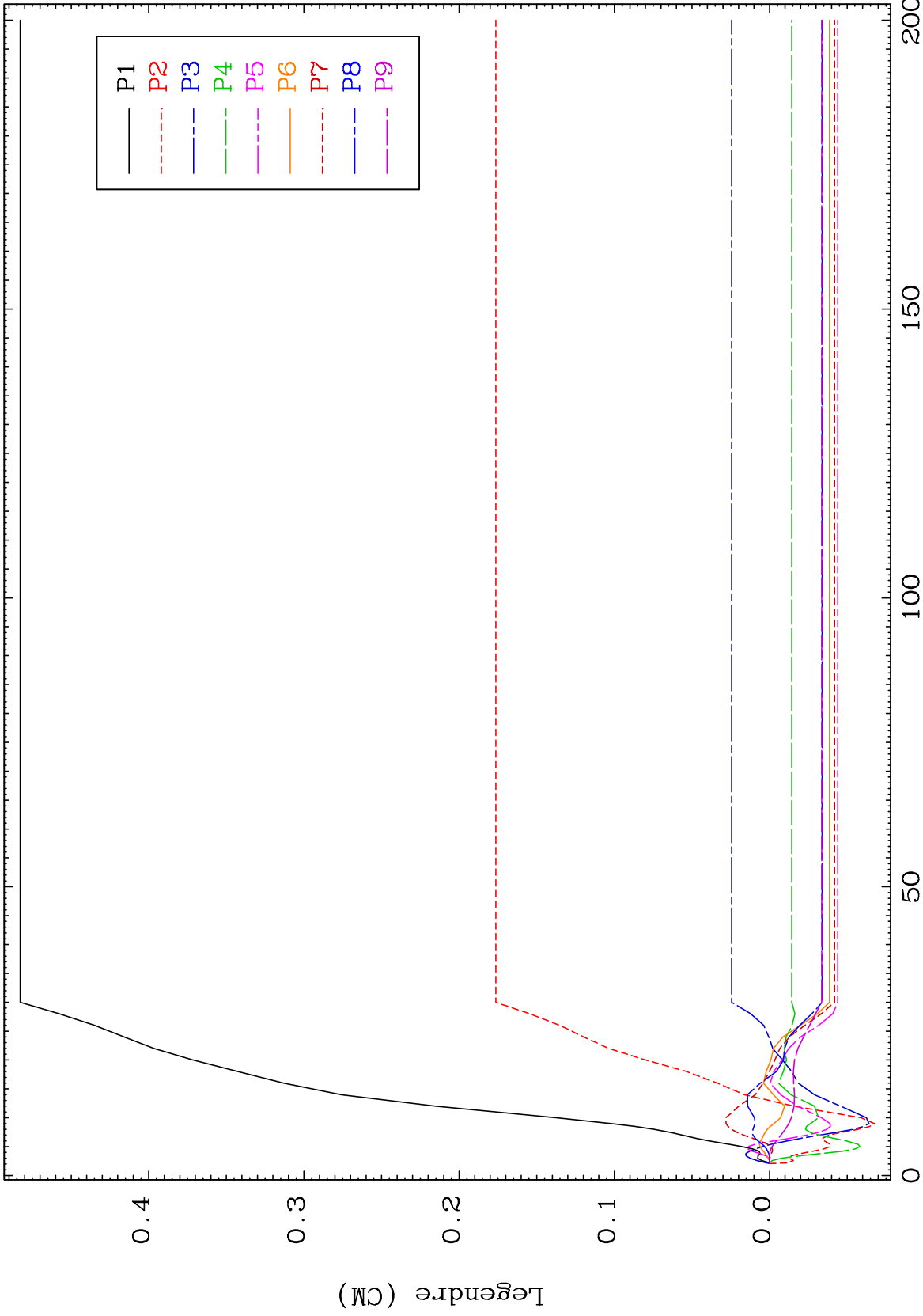


64 80-Hg-192

MAT 8013

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

80-Hg-192



65

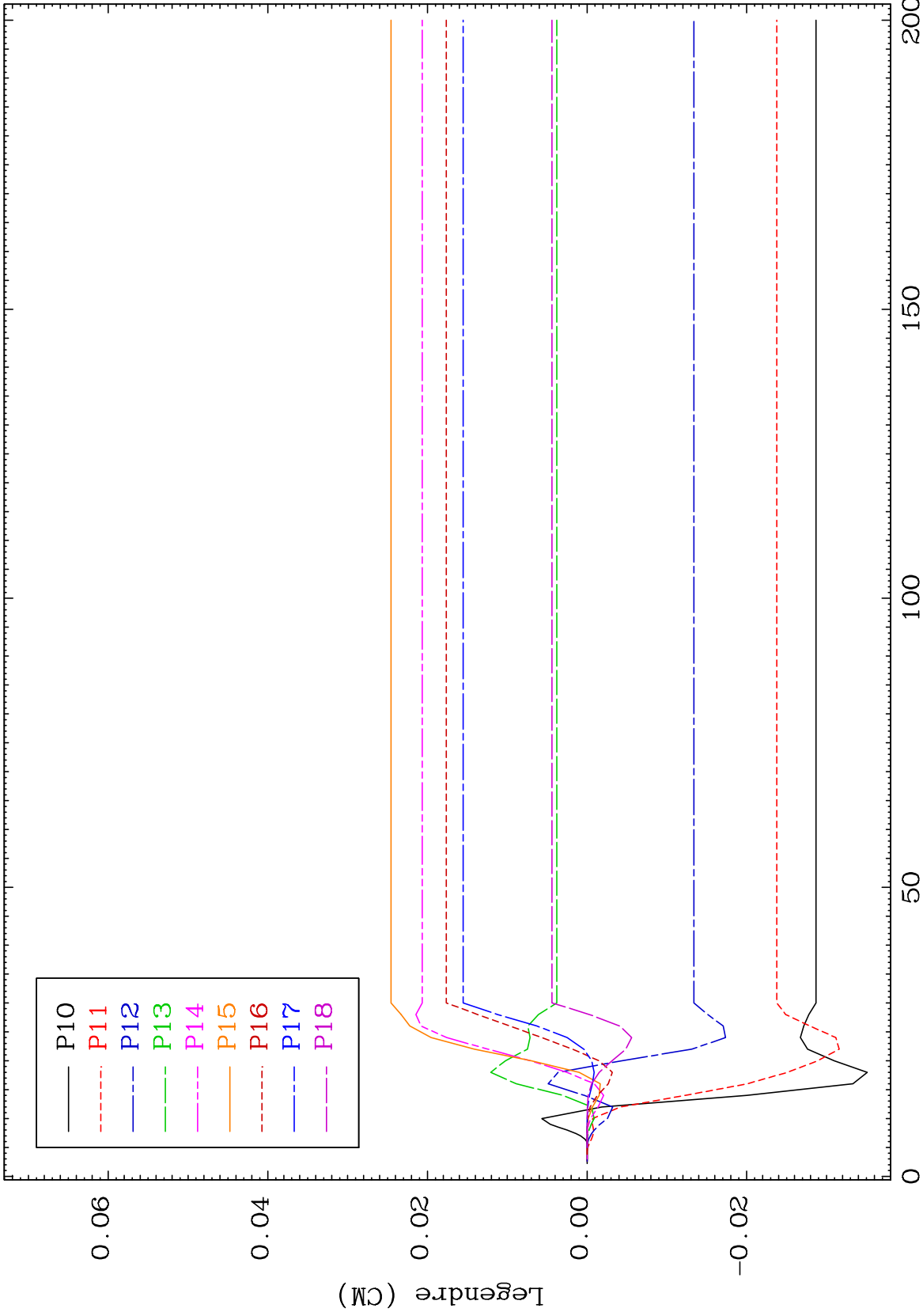
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



66

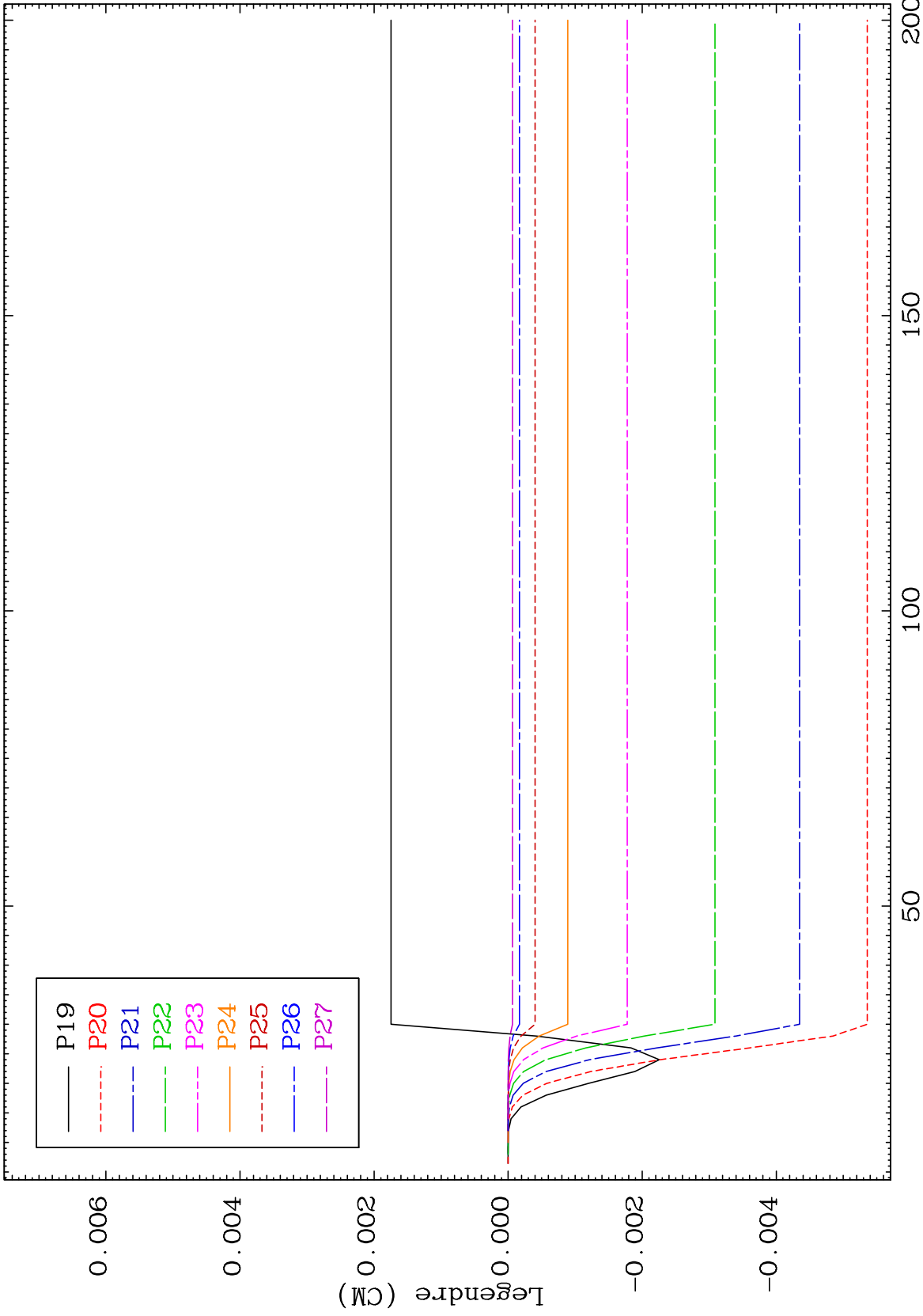
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

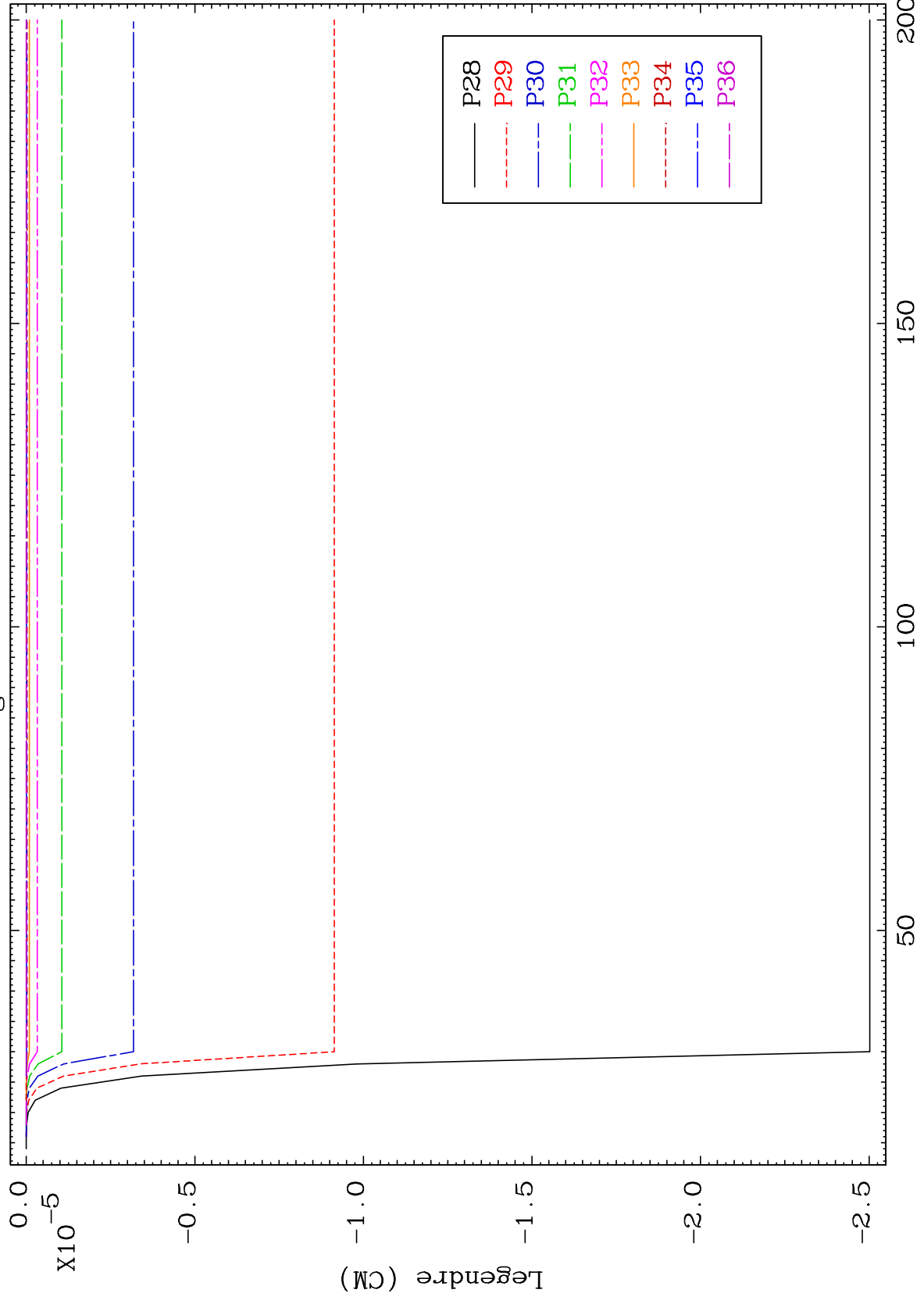


67

Incident Energy (MeV)

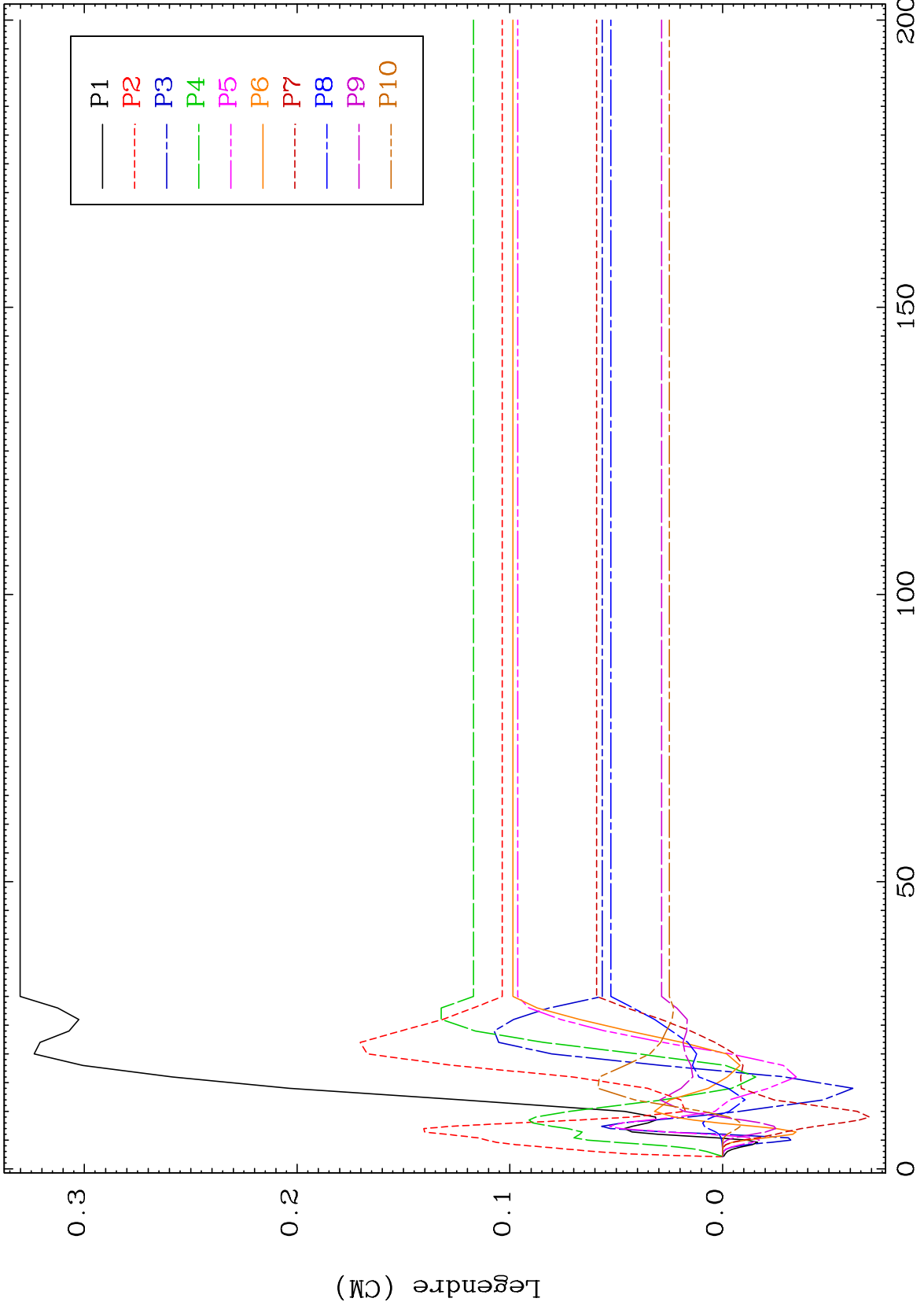
80-Hg-192

MAT 8013 MT= 63 (n, n') Level Legendre Coefficients 80-Hg-192



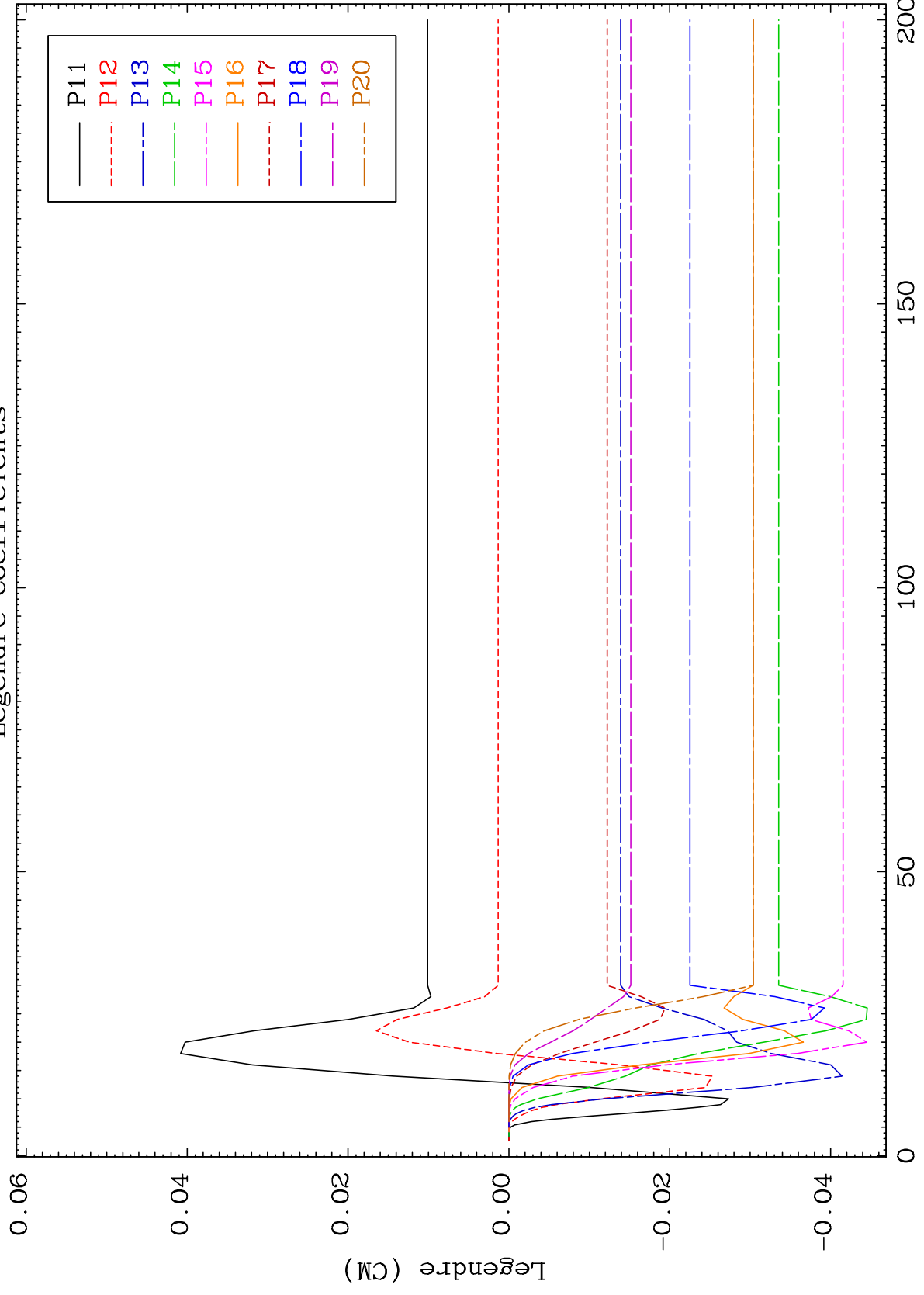
68 80-Hg-192

MAT 8013 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-192



69 80-Hg-192

MAT 8013 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-192

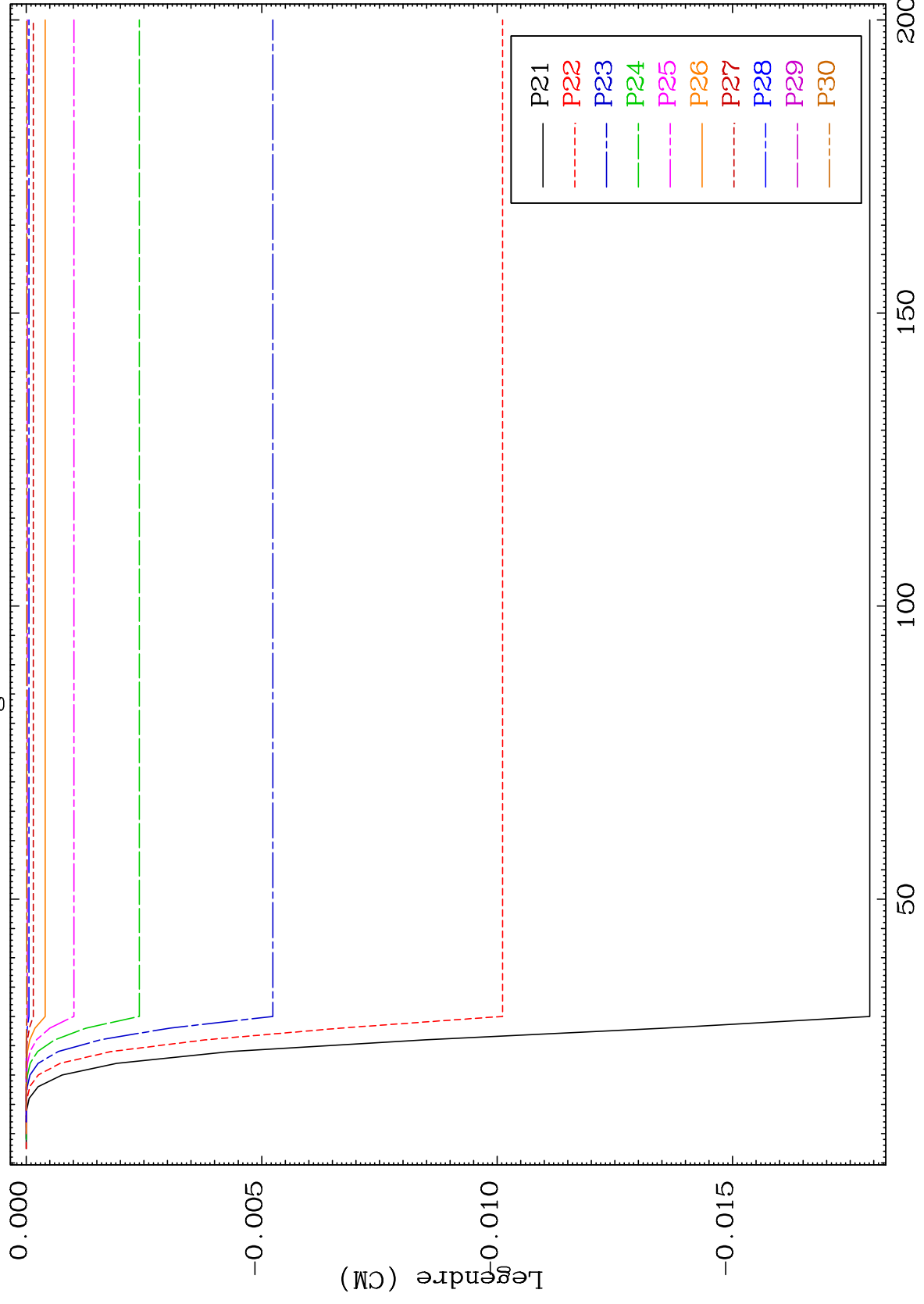


70 Incident Energy (MeV) 80-Hg-192

MAT 8013

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

80-Hg-192



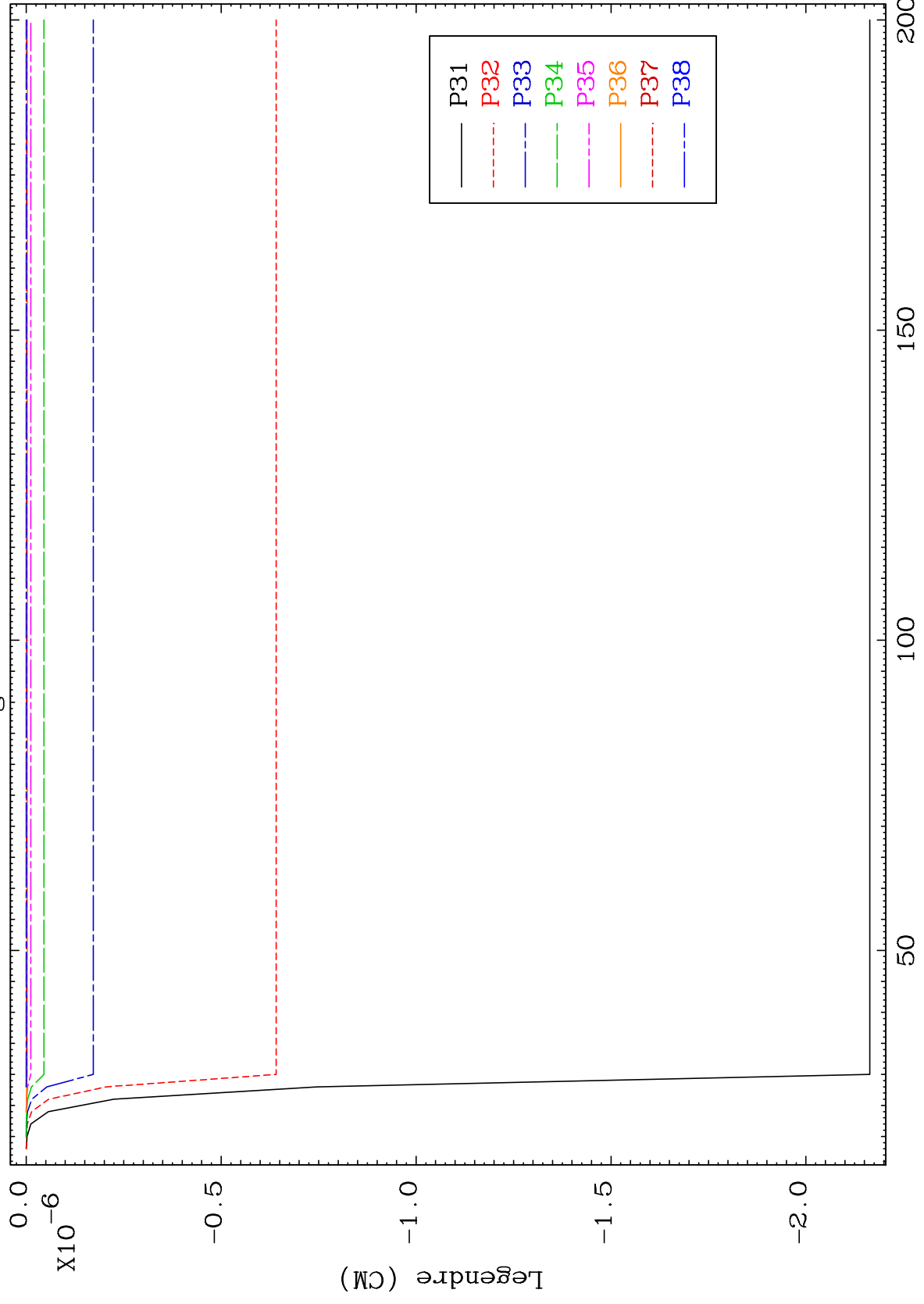
80-Hg-192

Incident Energy (MeV)

MAT 8013

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

80-Hg-192

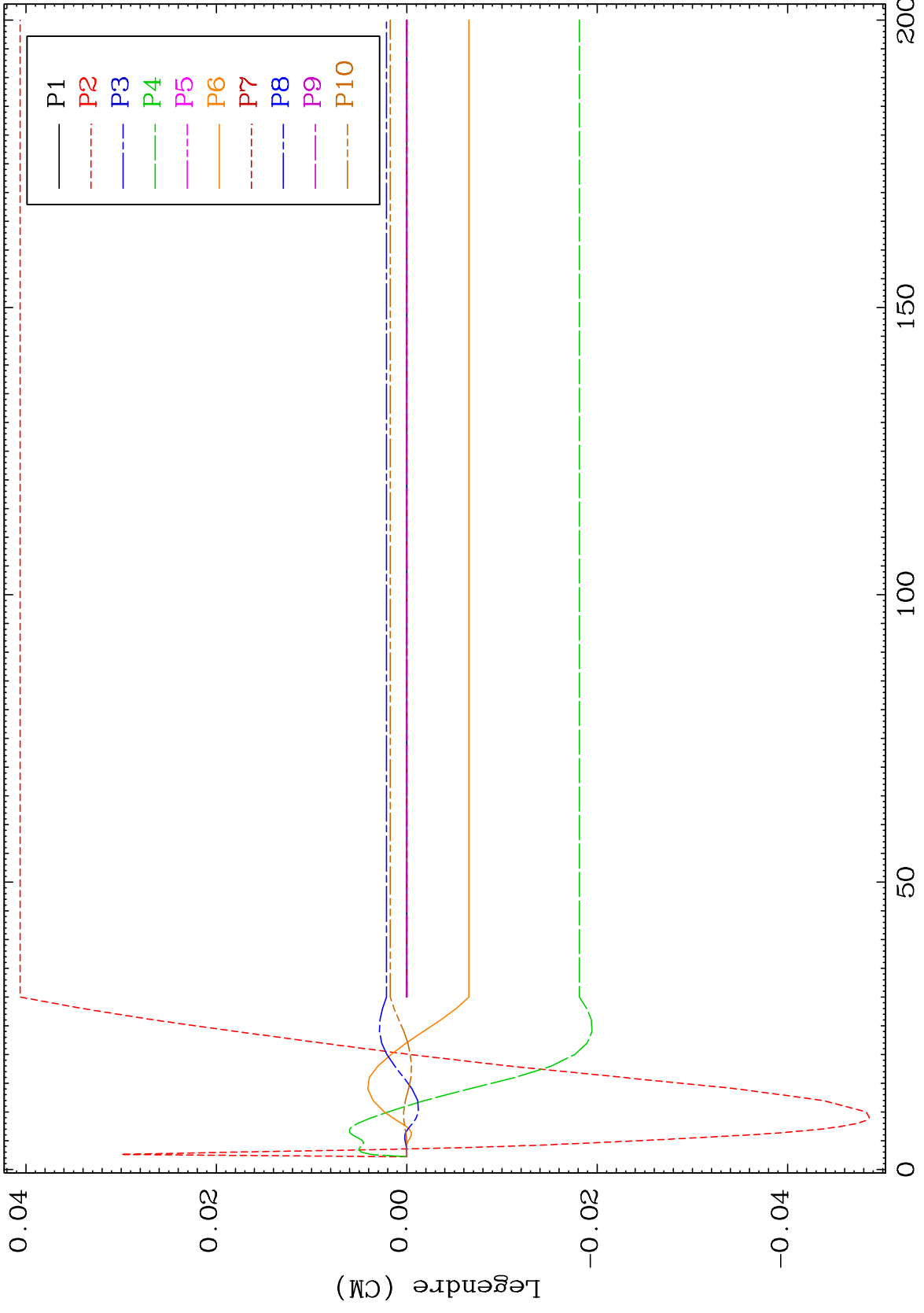


80-Hg-192

Incident Energy (MeV)

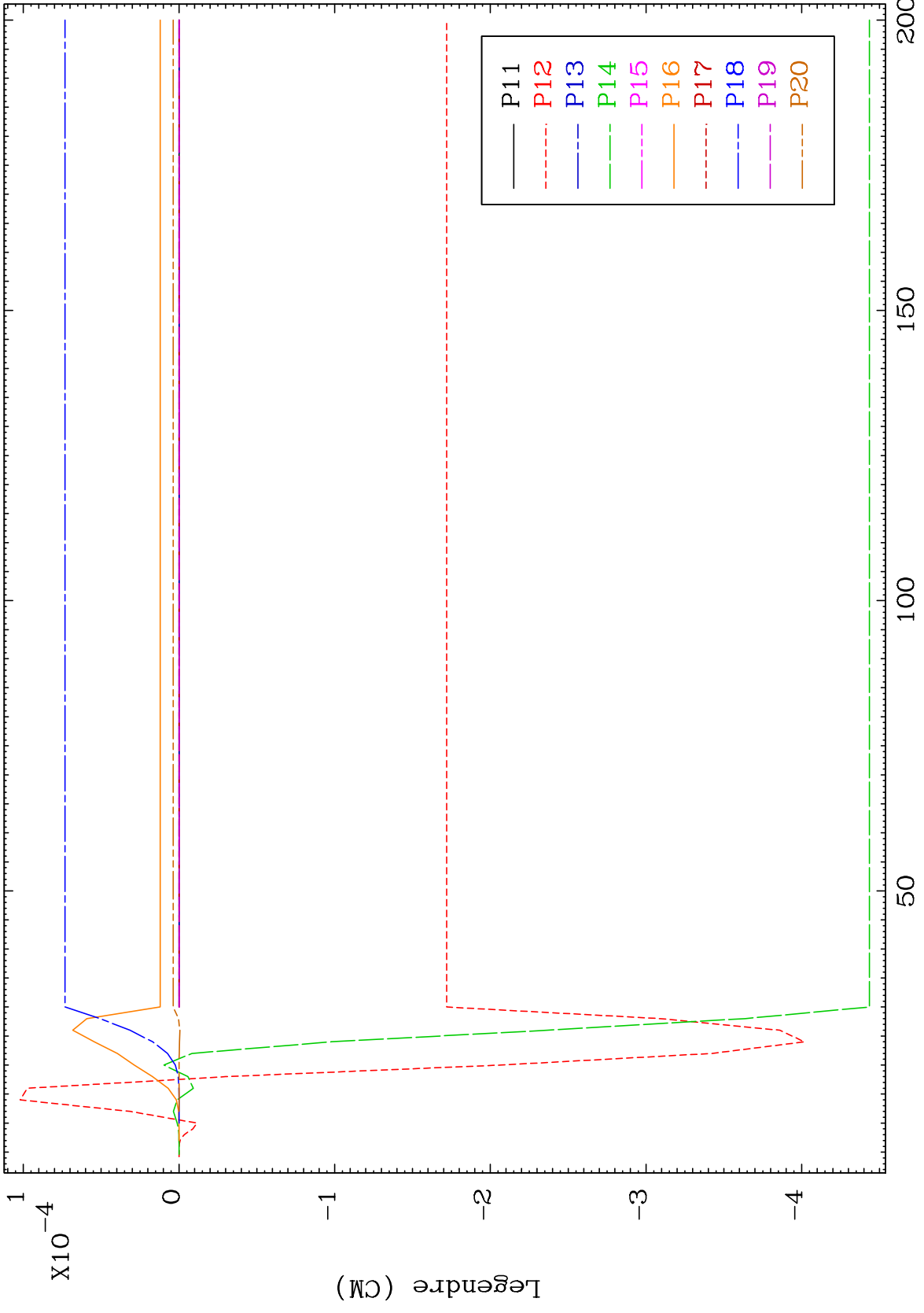
72

MAT 8013 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-192



73 80-Hg-192

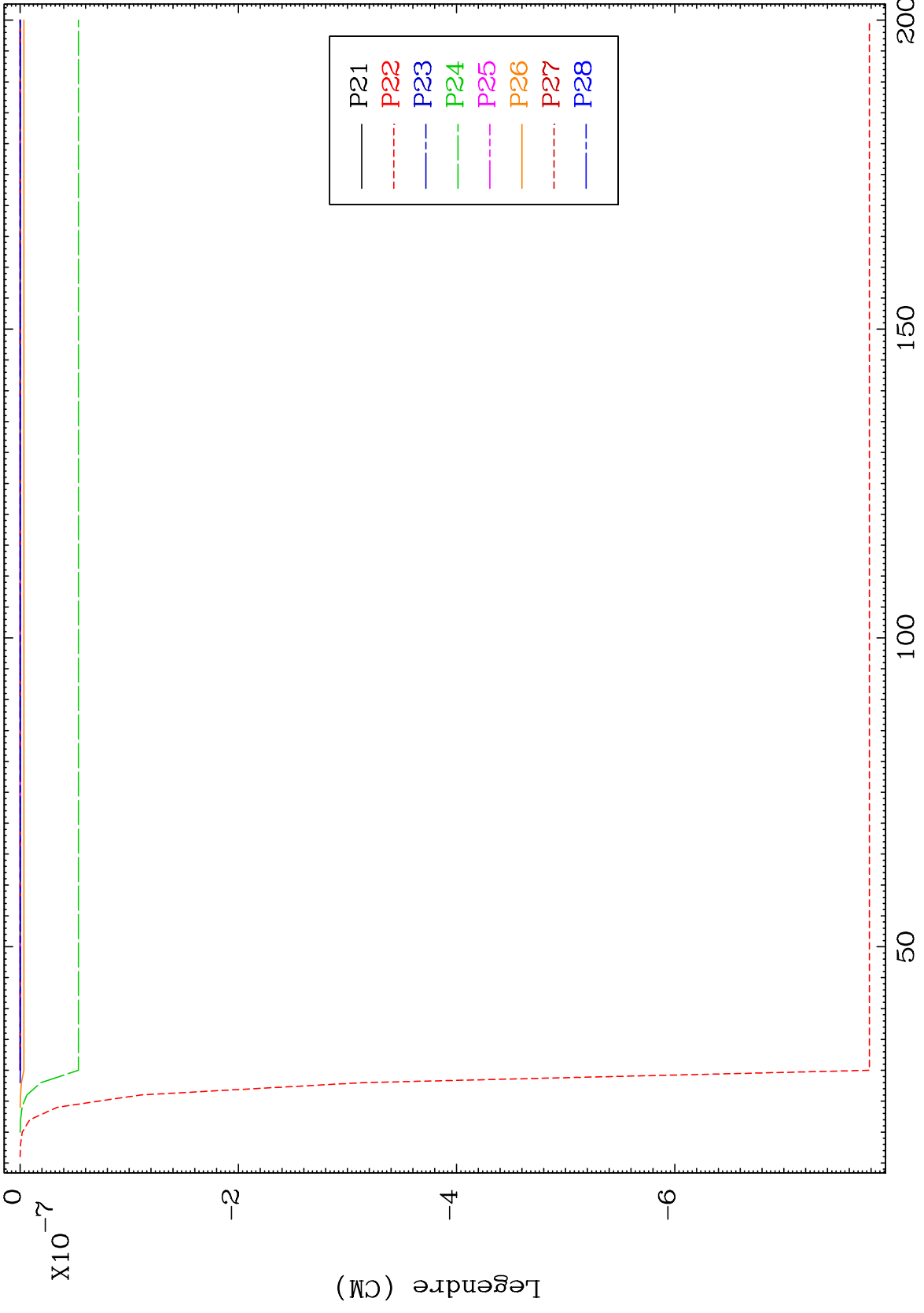
MAT 8013 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-192



MAT 8013

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

80-Hg-192

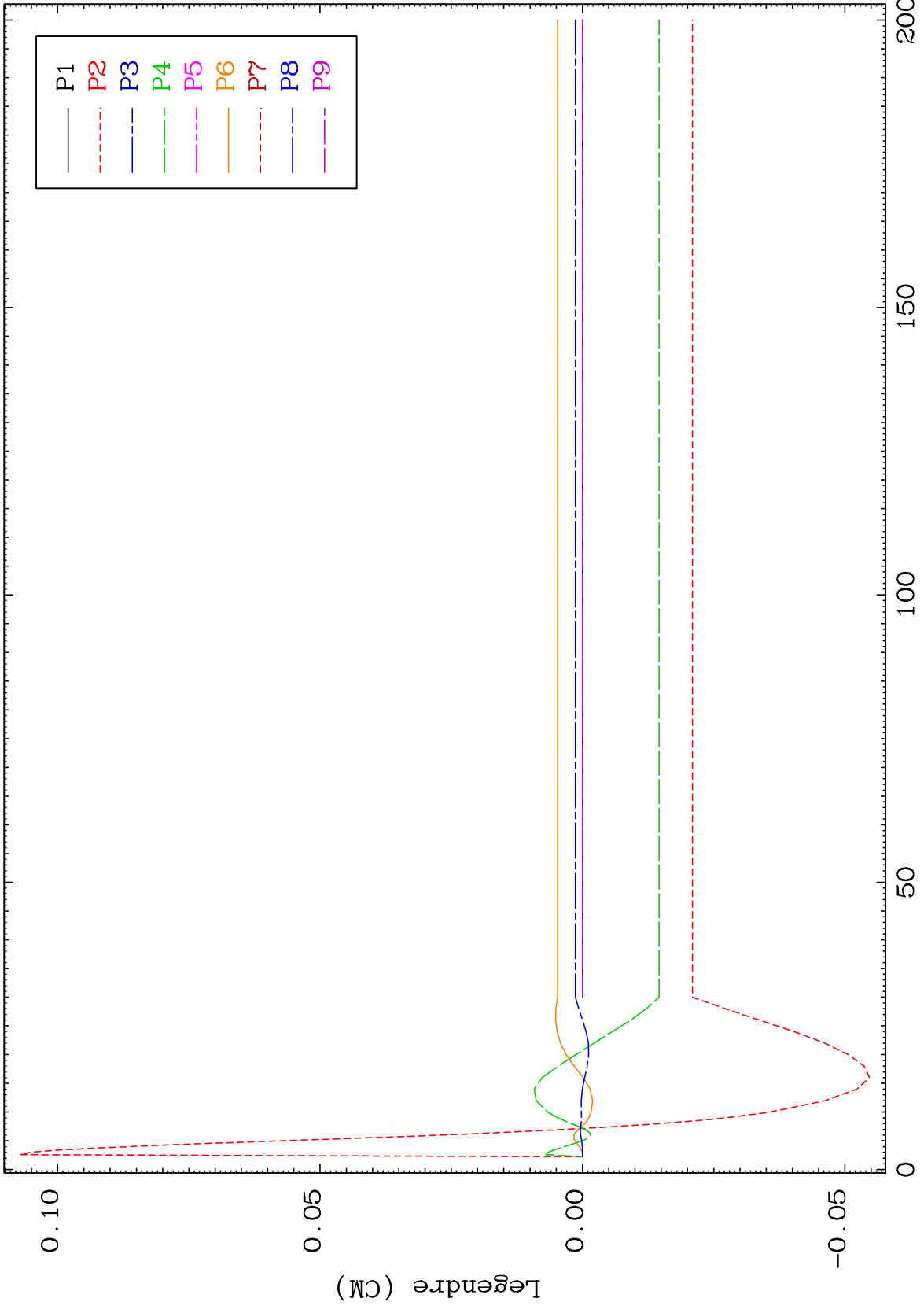


80-Hg-192

Incident Energy (MeV)

75

MAT 8013 MT= 66 (n,n') Level Legendre Coefficients 80-Hg-192

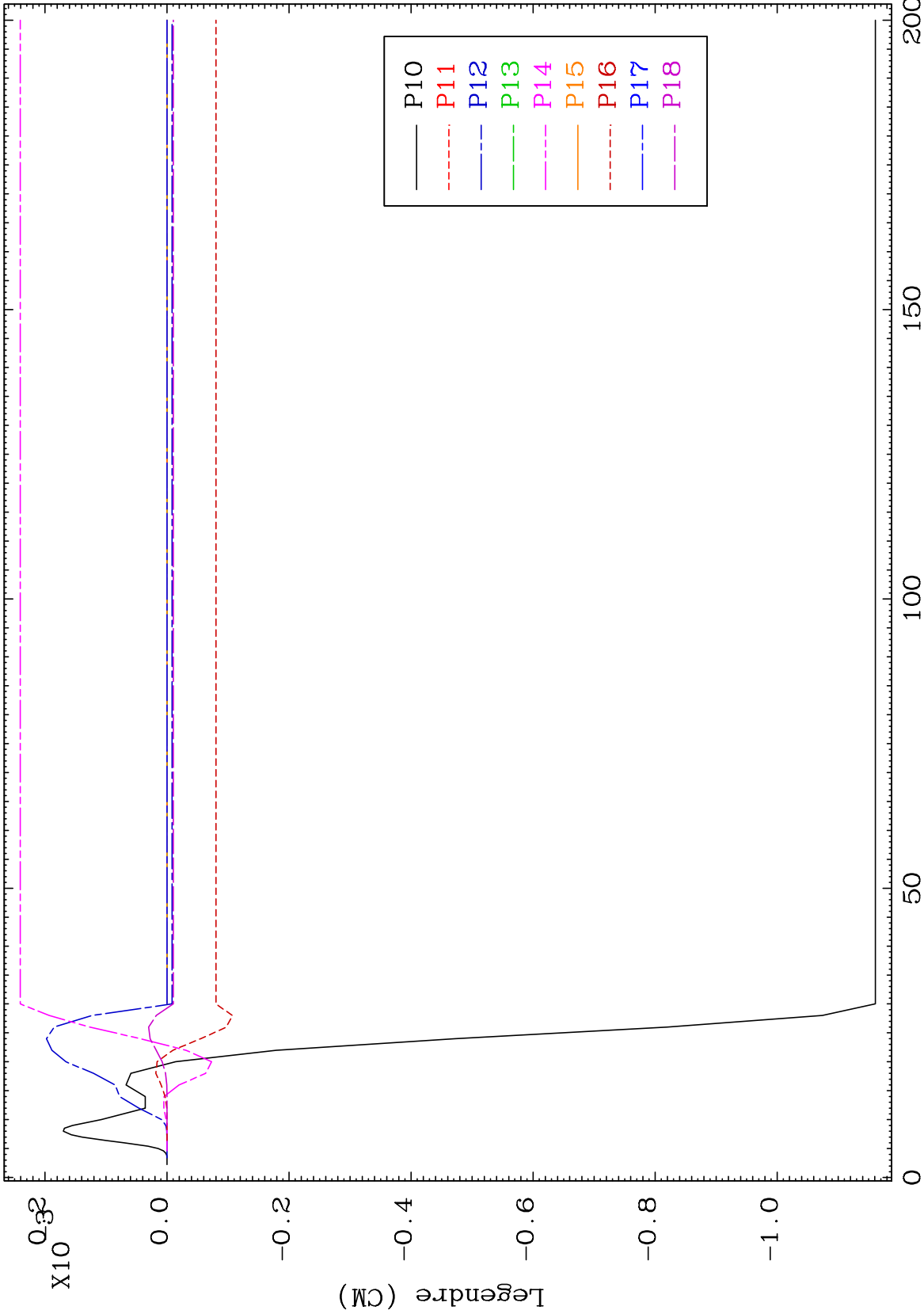


76 Incident Energy (MeV) 80-Hg-192

MAT 8013

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

80-Hg-192

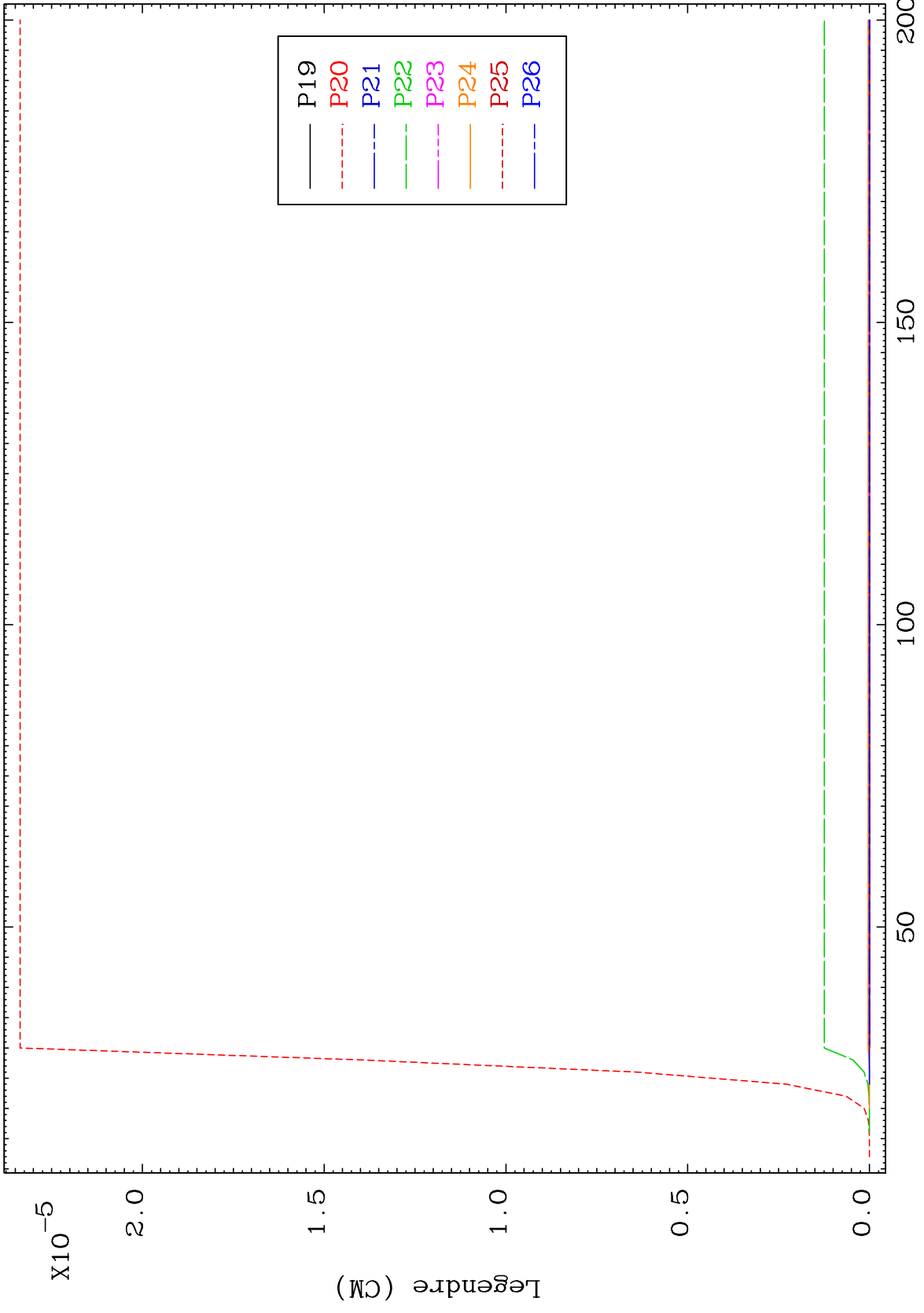


77

Incident Energy (MeV)

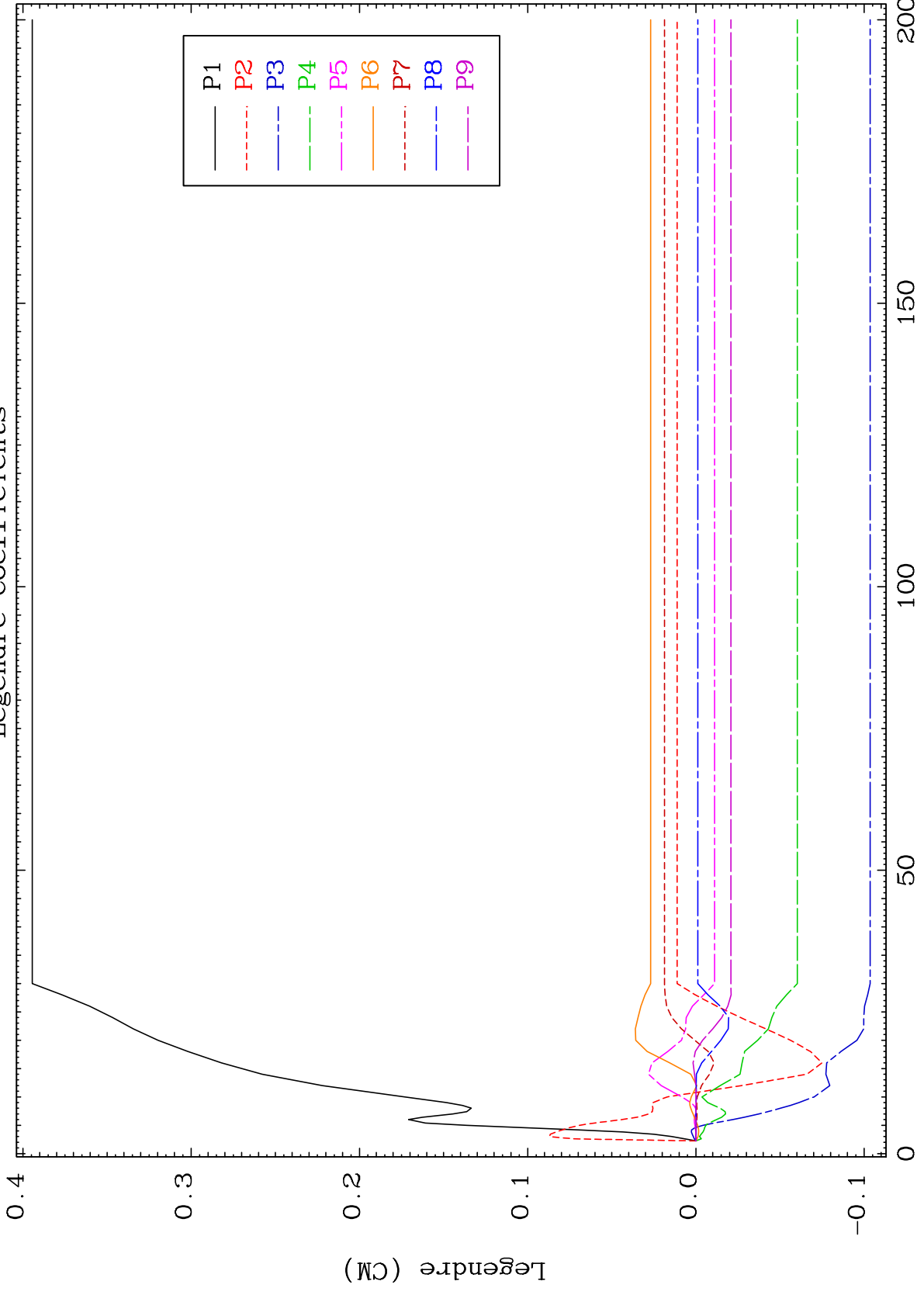
80-Hg-192

MAT 8013 MT= 66 (n,n') Level Legendre Coefficients 80-Hg-192



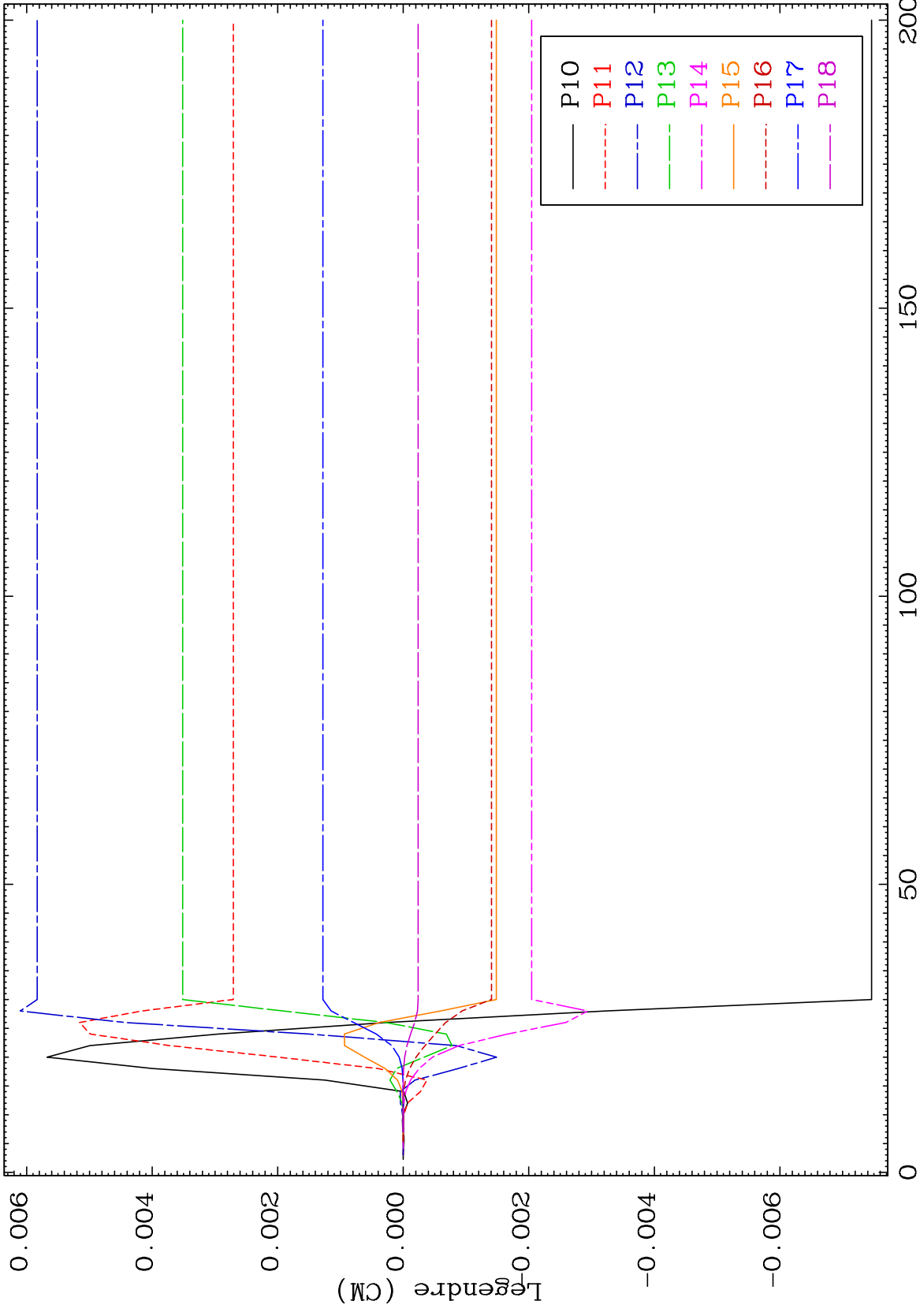
78 80-Hg-192

MAT 8013 MT= 67 (n,n') Level Legendre Coefficients 80-Hg-192



79 Incident Energy (MeV) 80-Hg-192

MAT 8013 MT= 67 (n,n') Level Legendre Coefficients 80-Hg-192

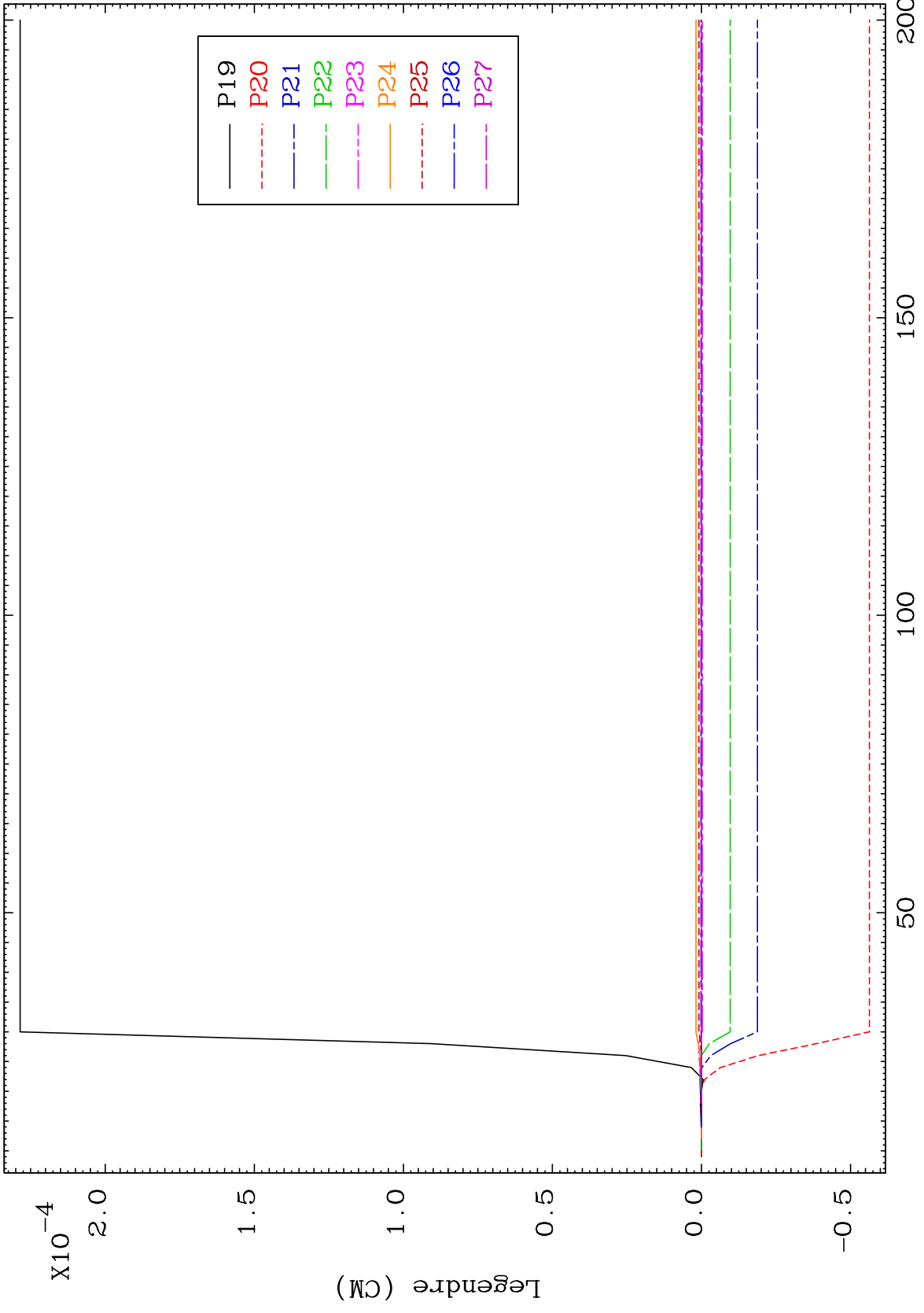


80-Hg-192

MAT 8013

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

80-Hg-192

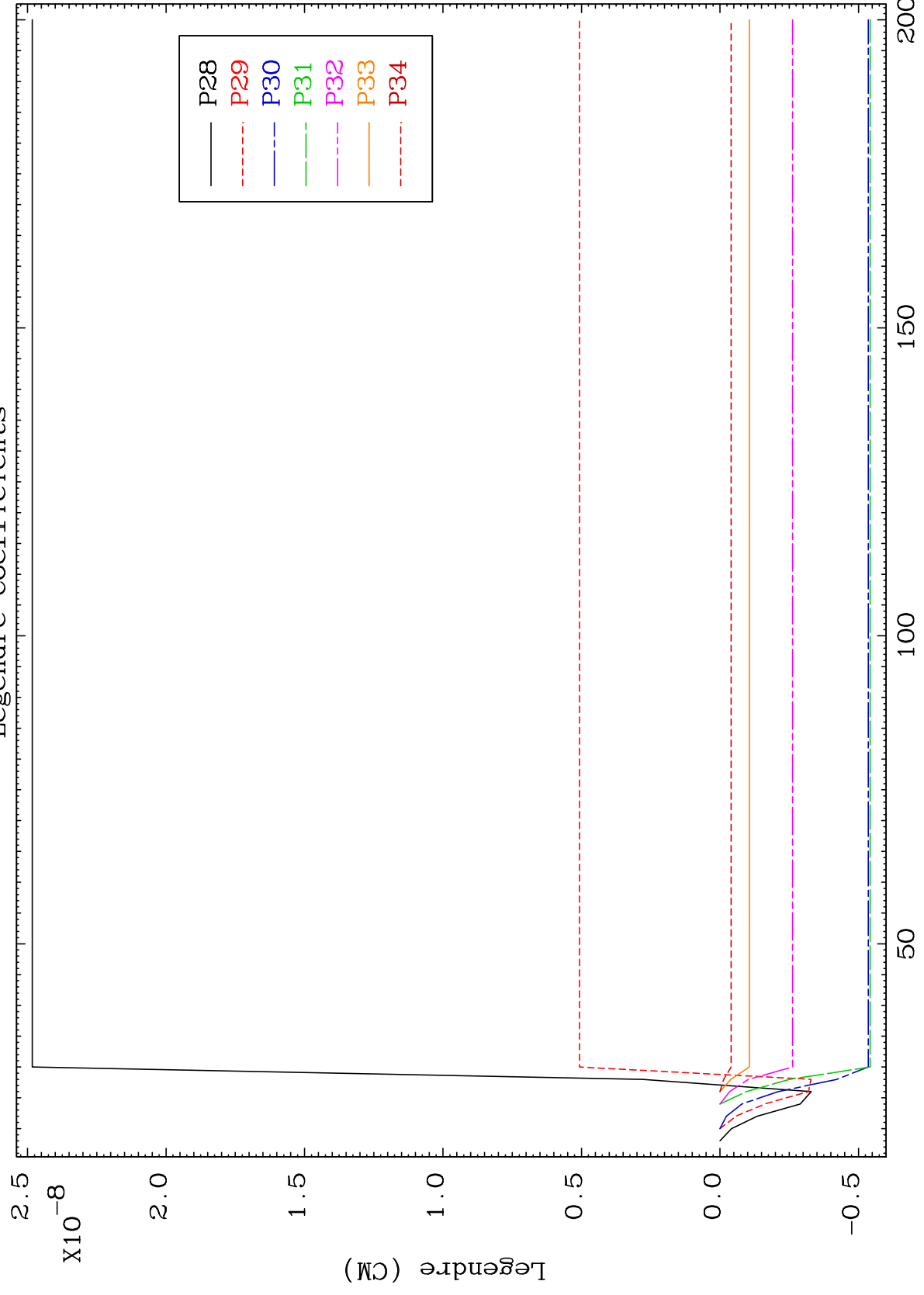


81

Incident Energy (MeV)

80-Hg-192

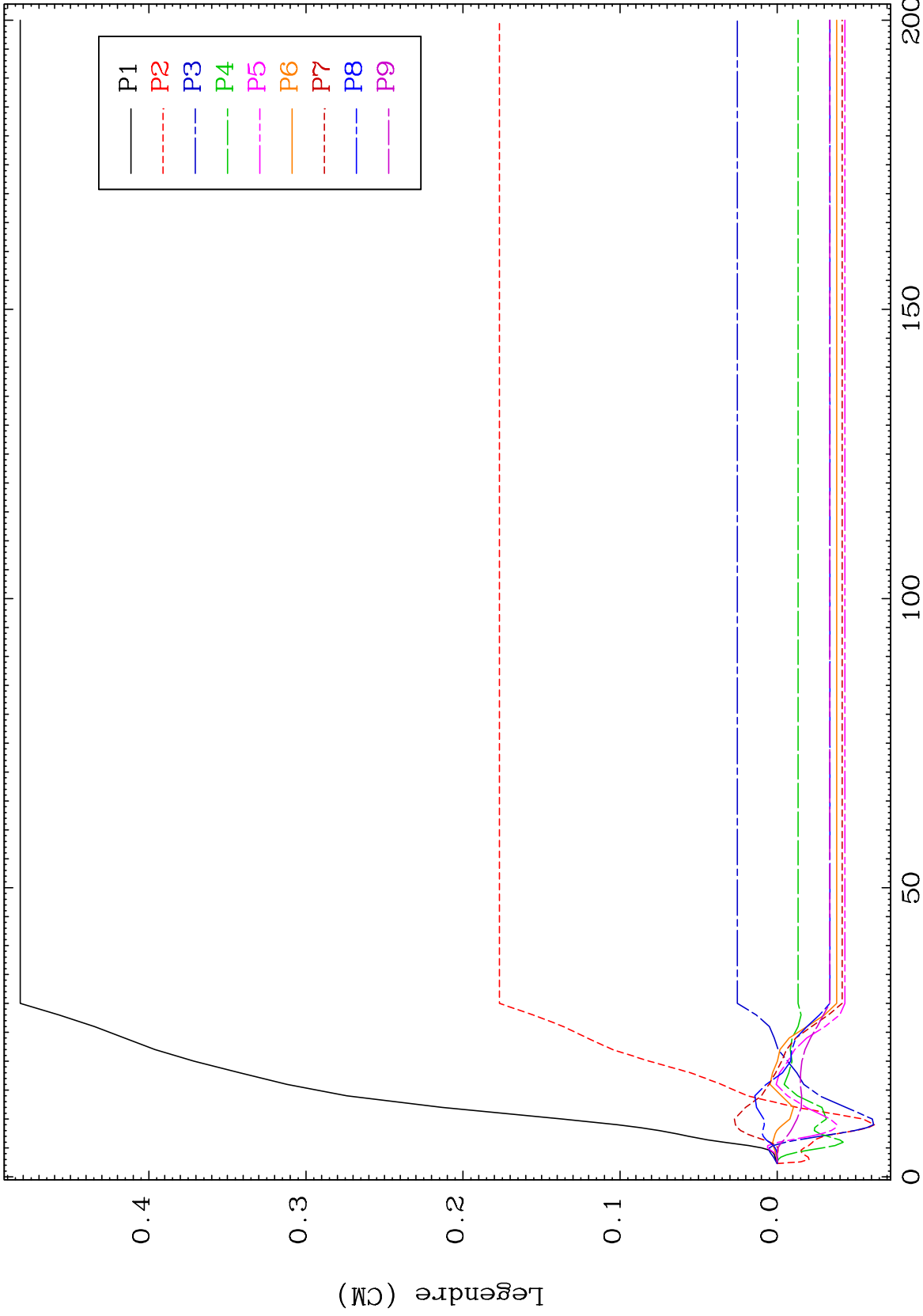
MAT 8013 MT= 67 (n,n') Level Legendre Coefficients 80-Hg-192



MAT 8013

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

80-Hg-192



83

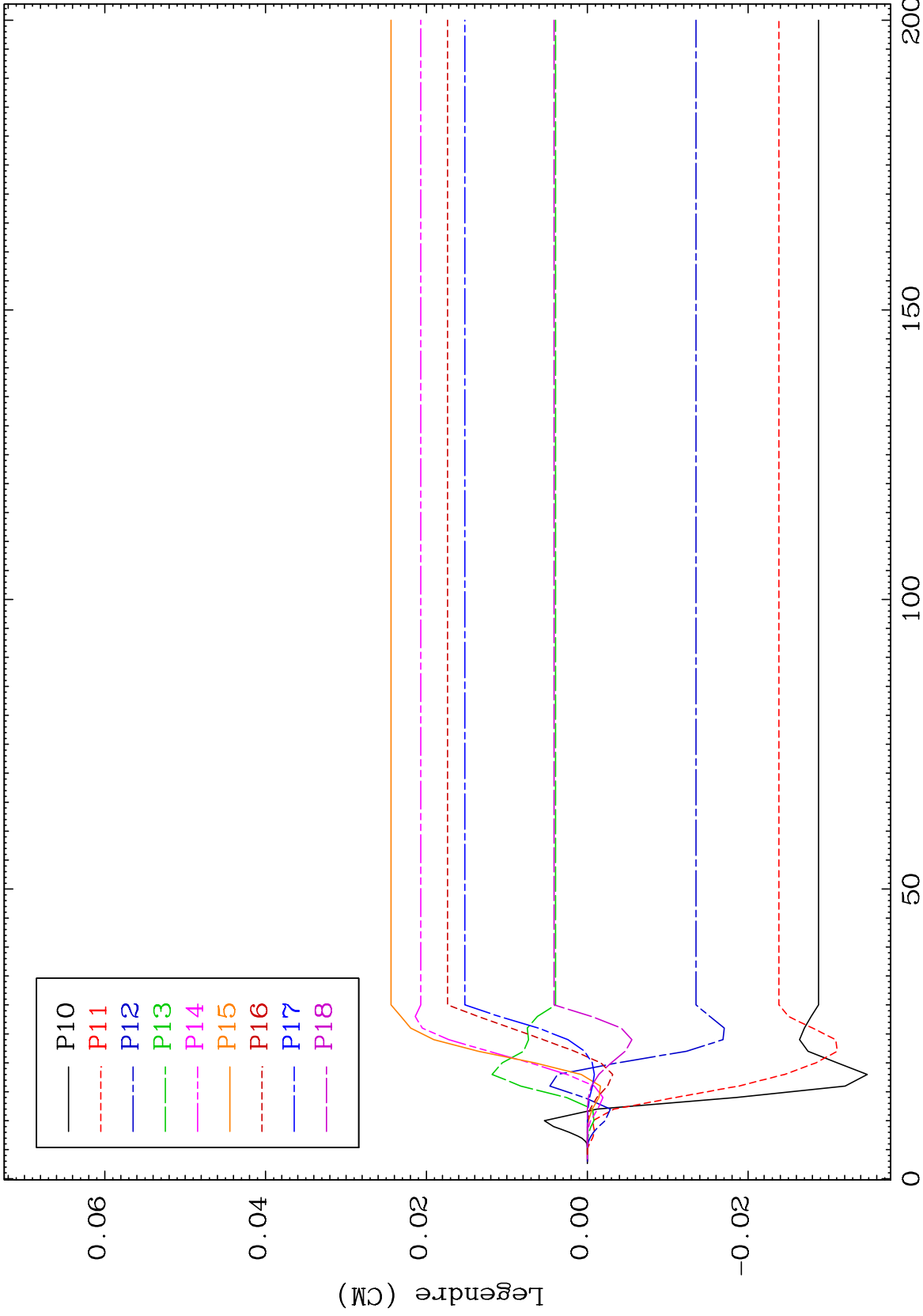
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



84

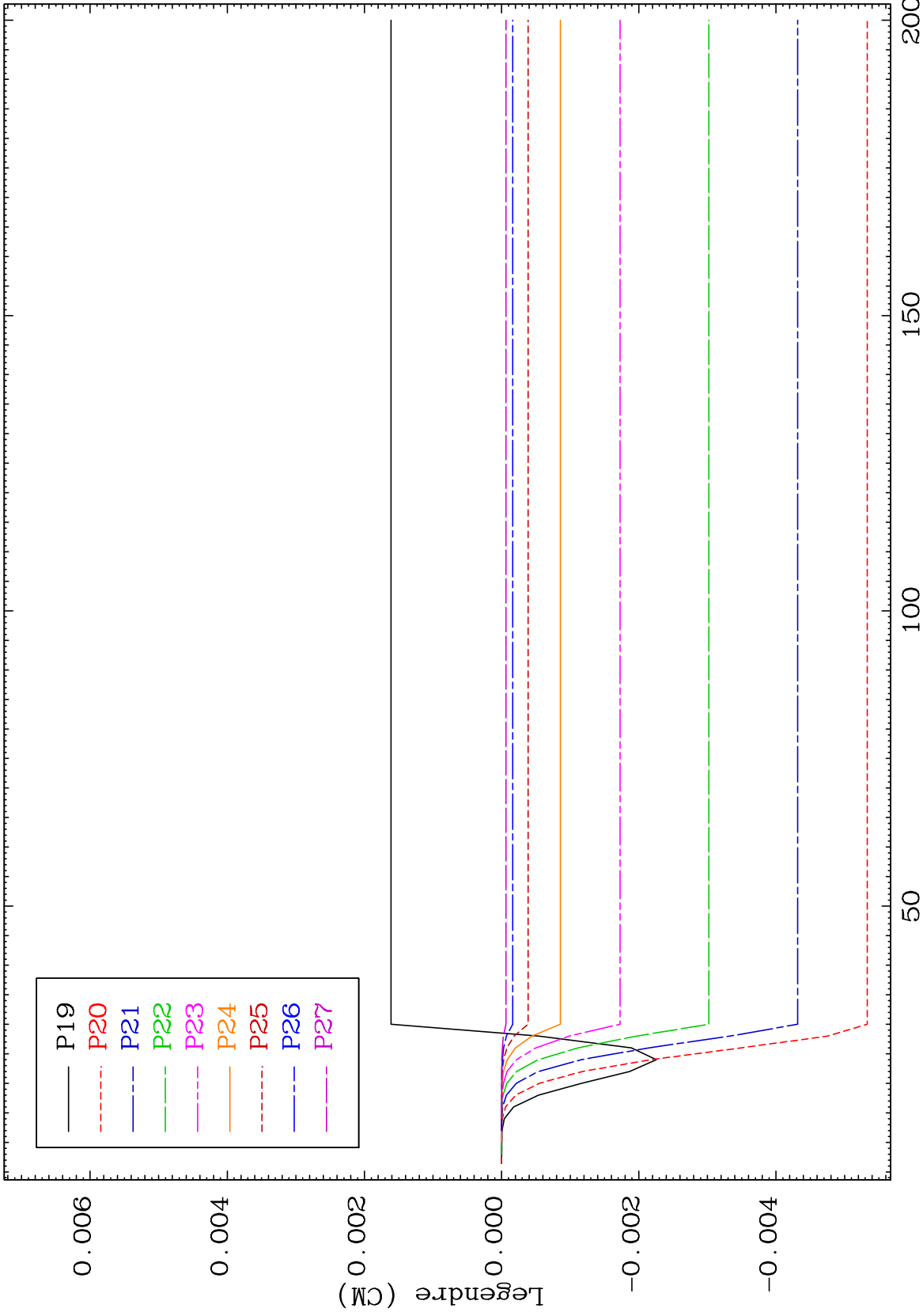
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

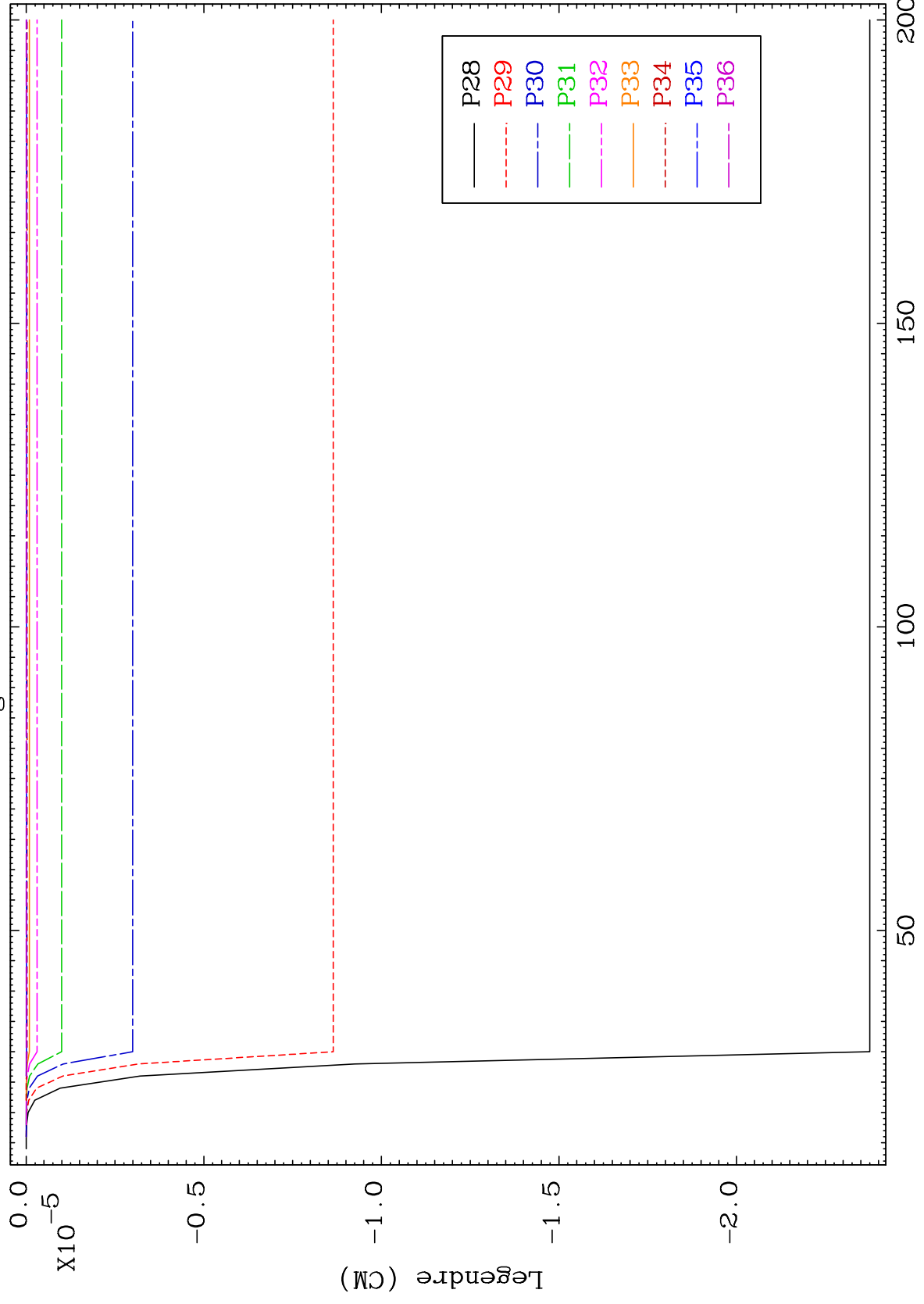
80-Hg-192



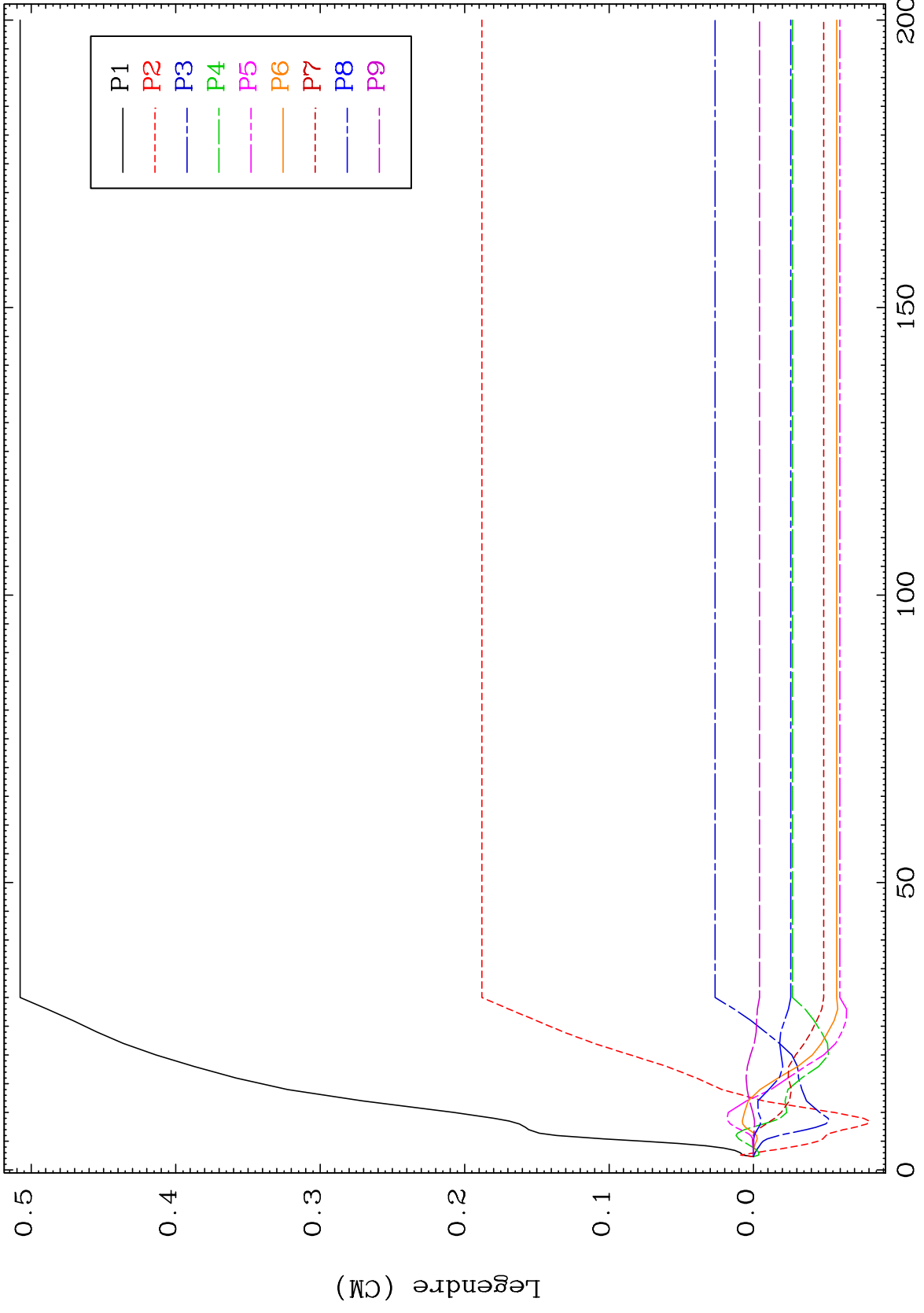
85

Incident Energy (MeV)

80-Hg-192



MAT 8013 MT= 69 (n,n') Level Legendre Coefficients 80-Hg-192

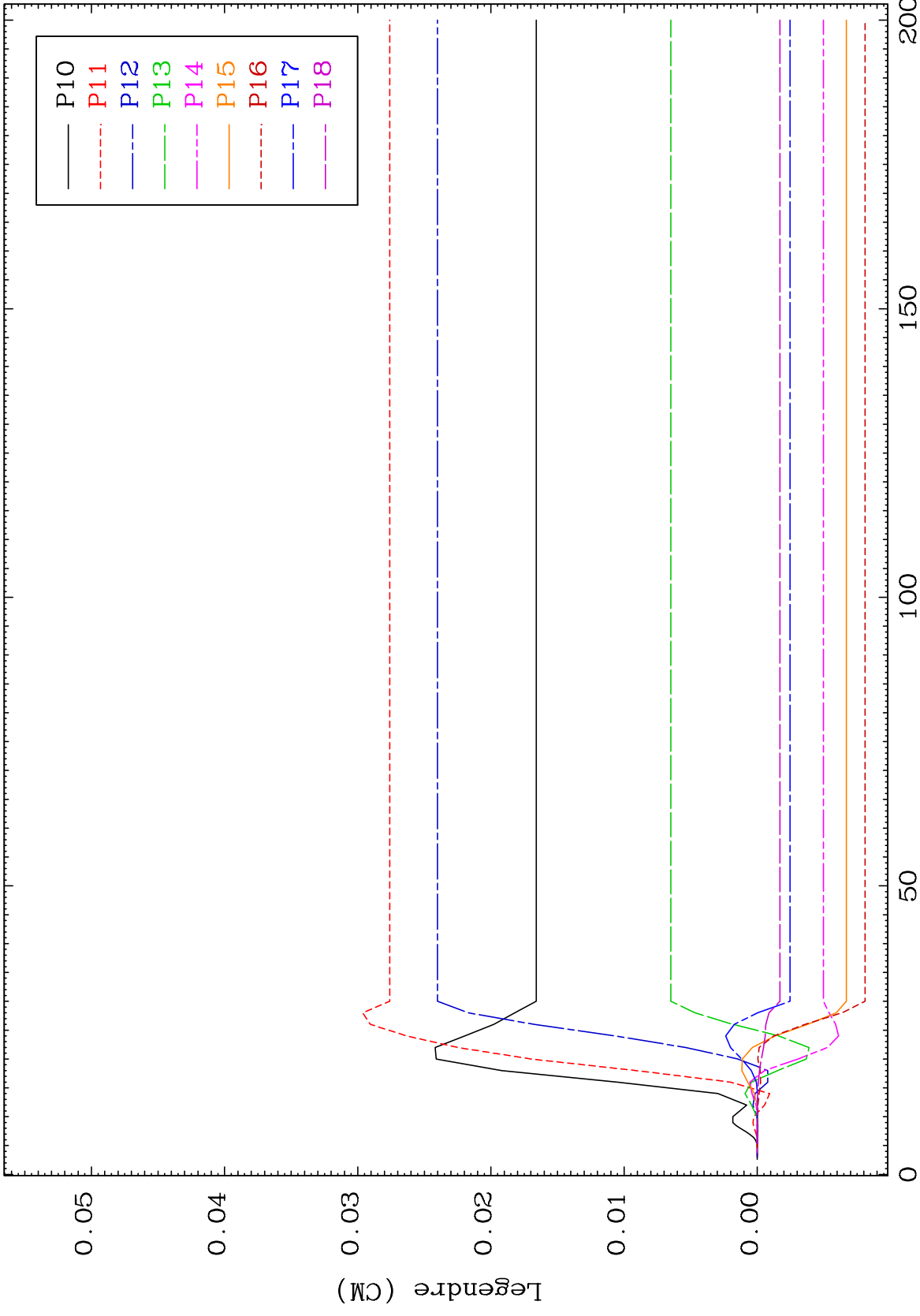


87 80-Hg-192

MAT 8013

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

80-Hg-192



88

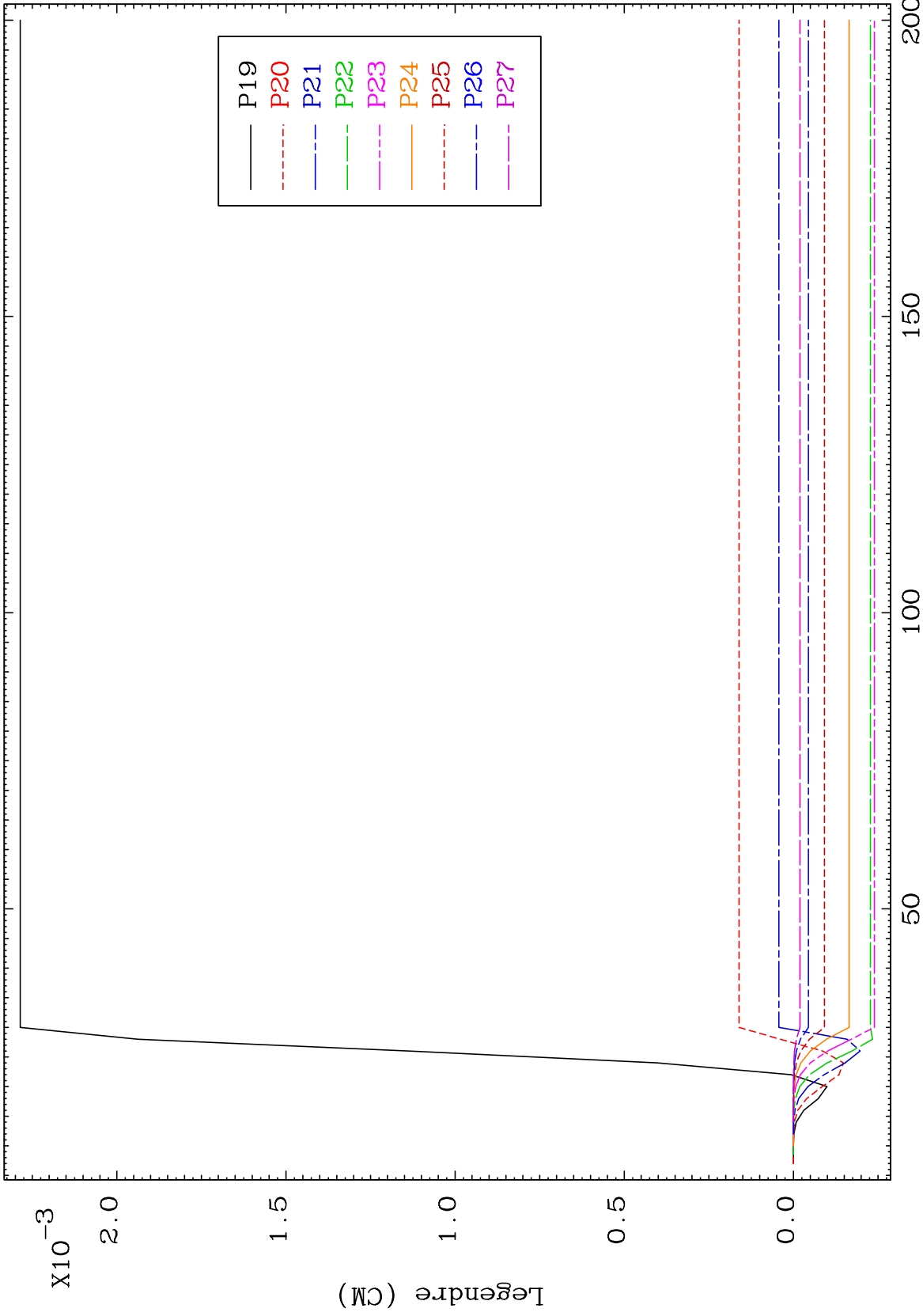
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



89

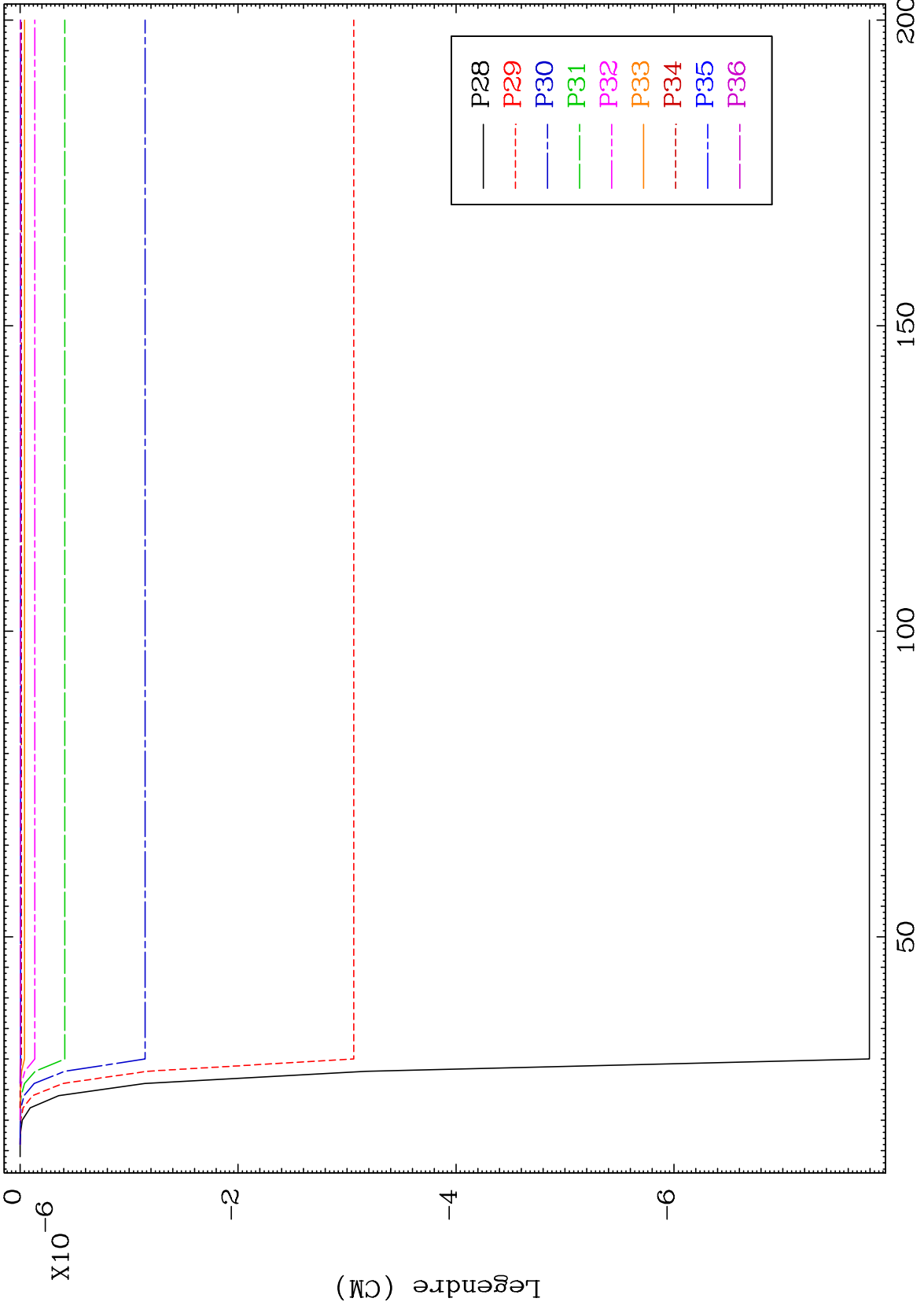
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

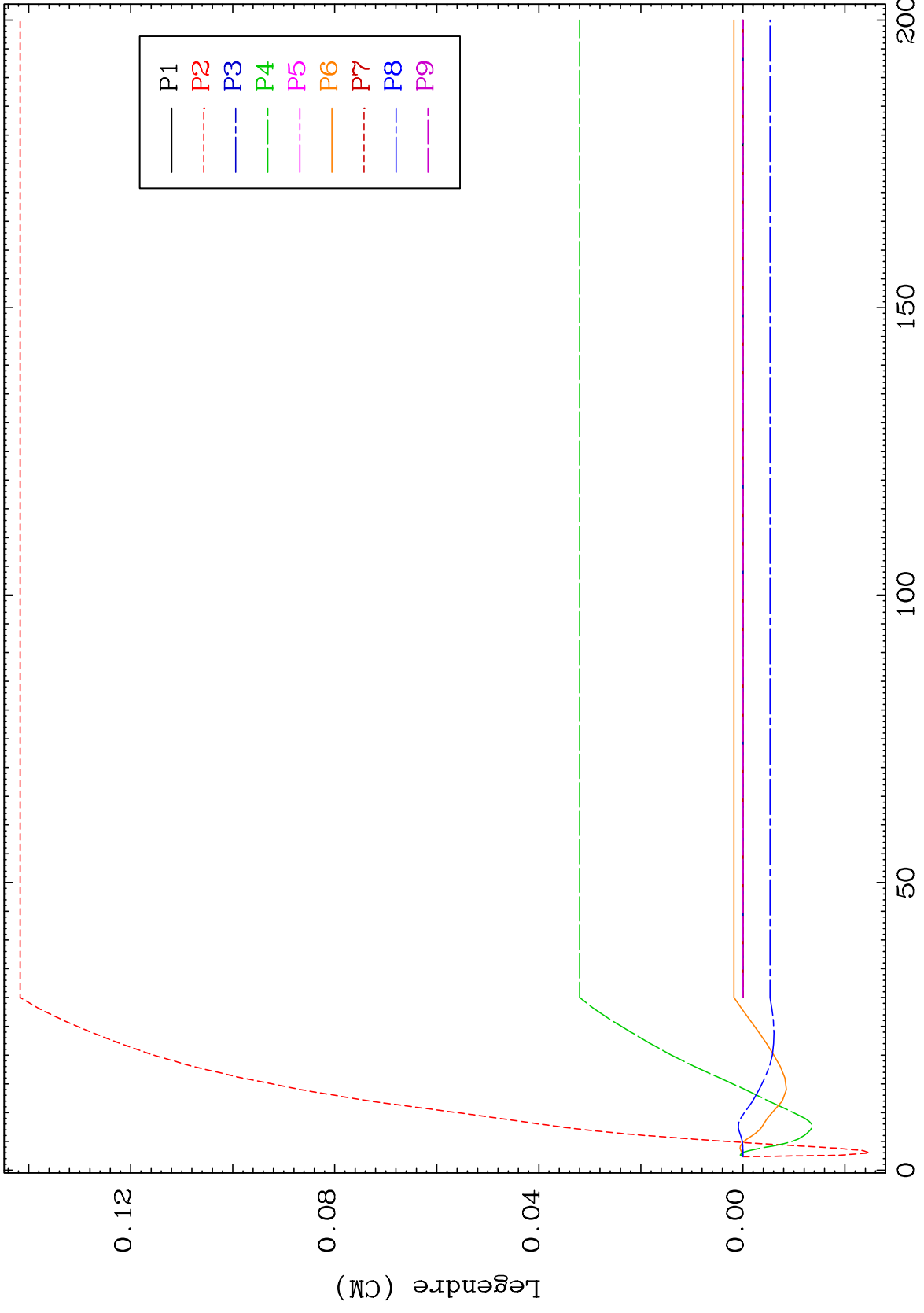


80-Hg-192

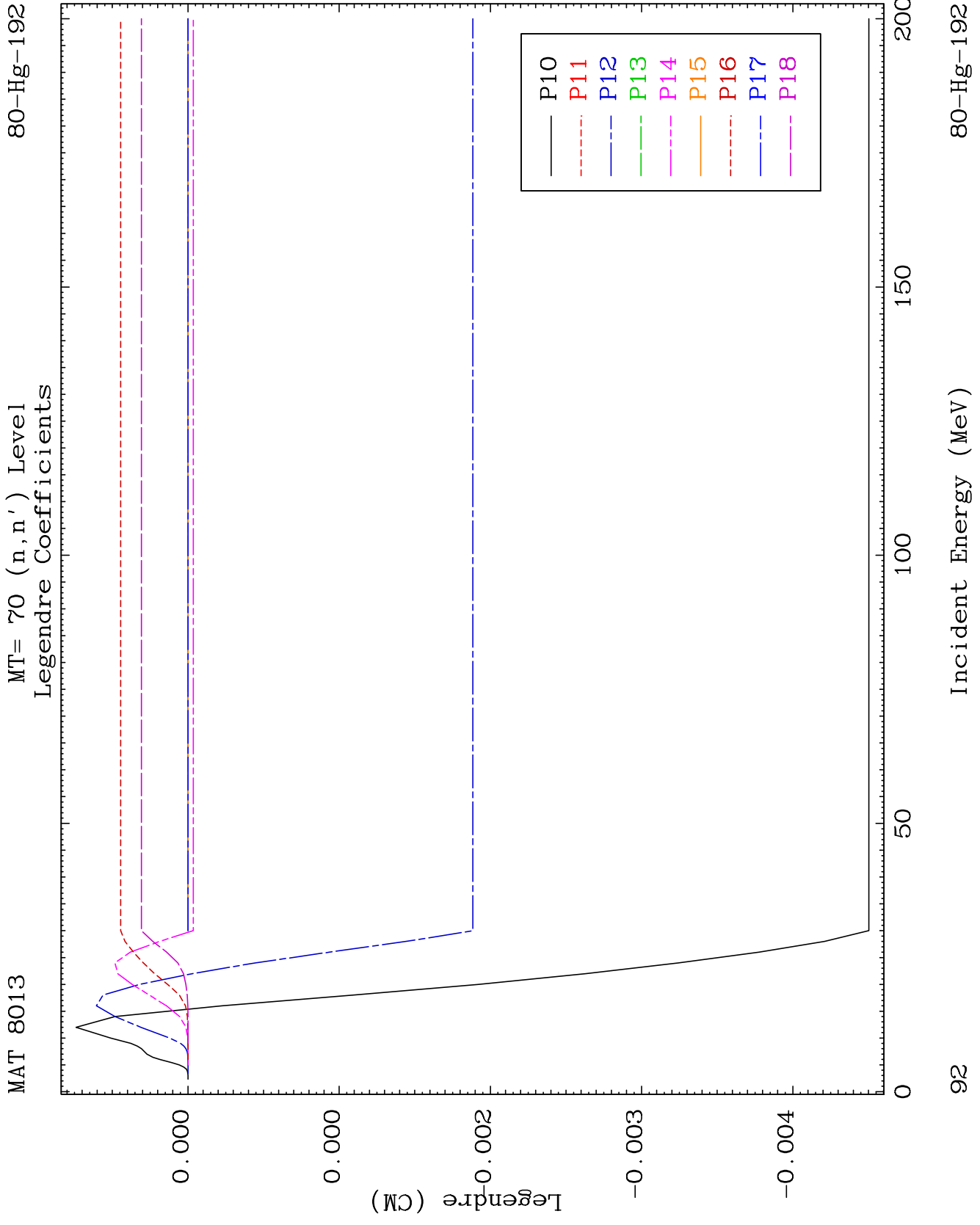
Incident Energy (MeV)

90

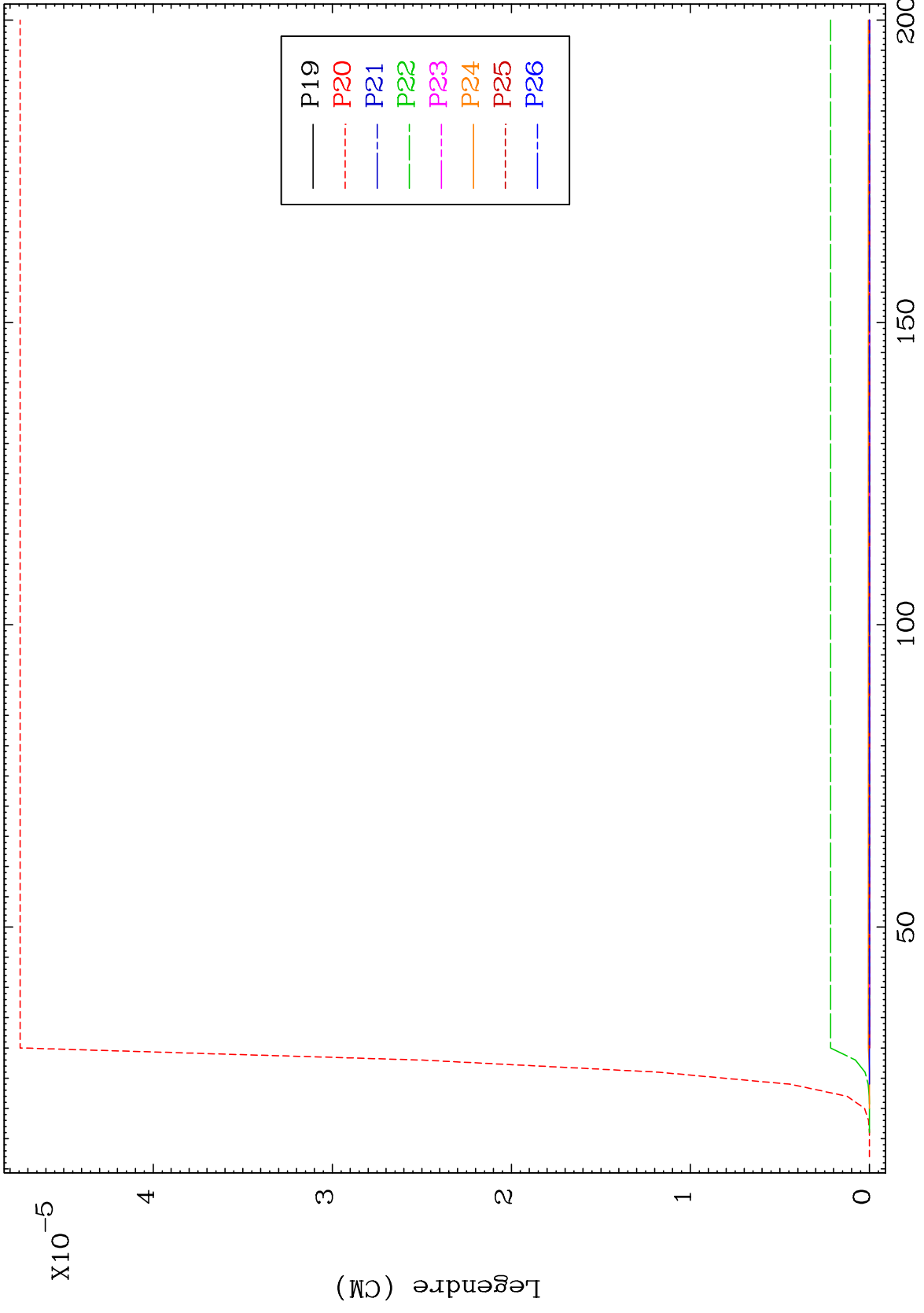
MAT 8013 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-192



91 80-Hg-192



MAT 8013 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-192

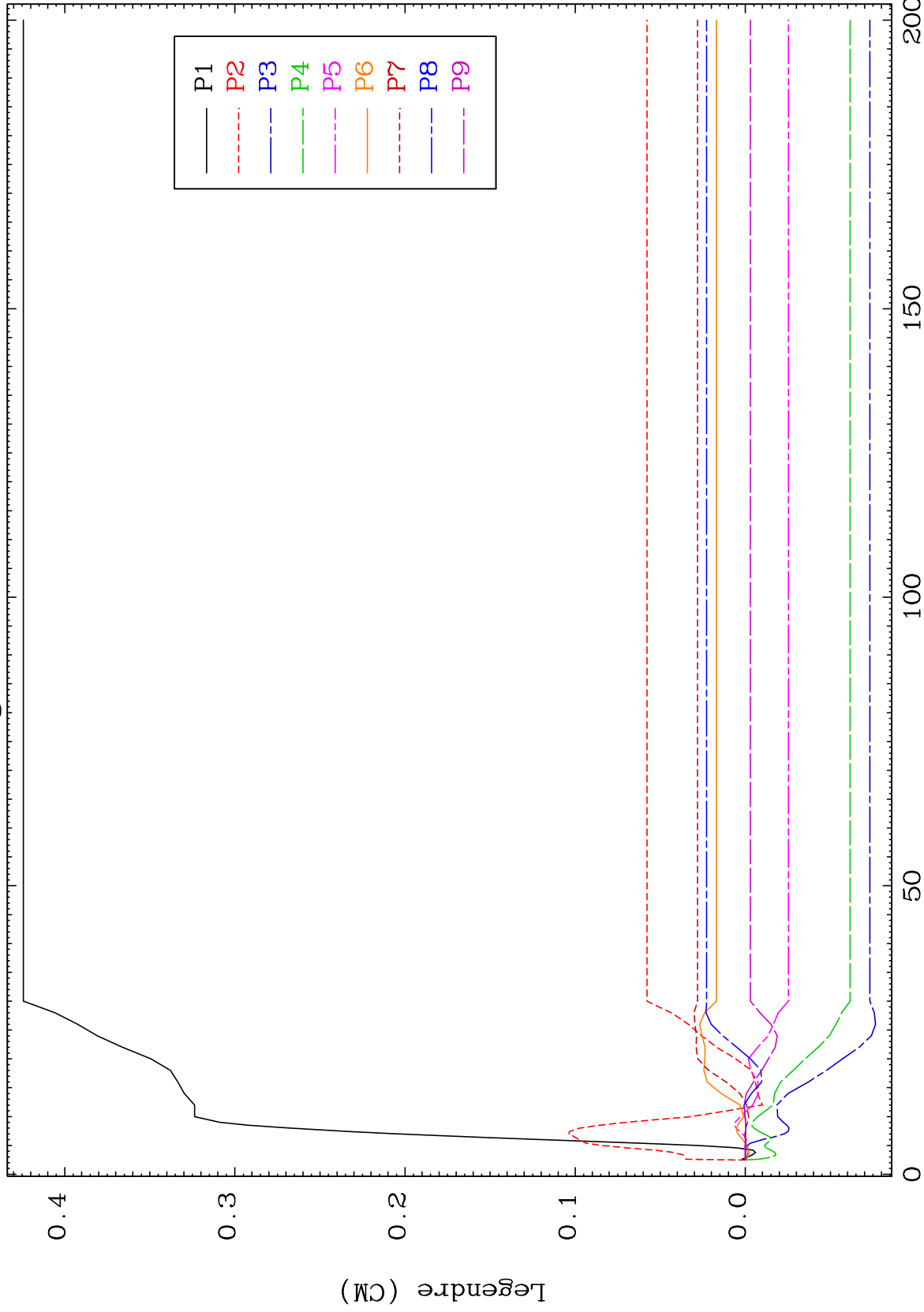


93 80-Hg-192

MAT 8013

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

80-Hg-192



94

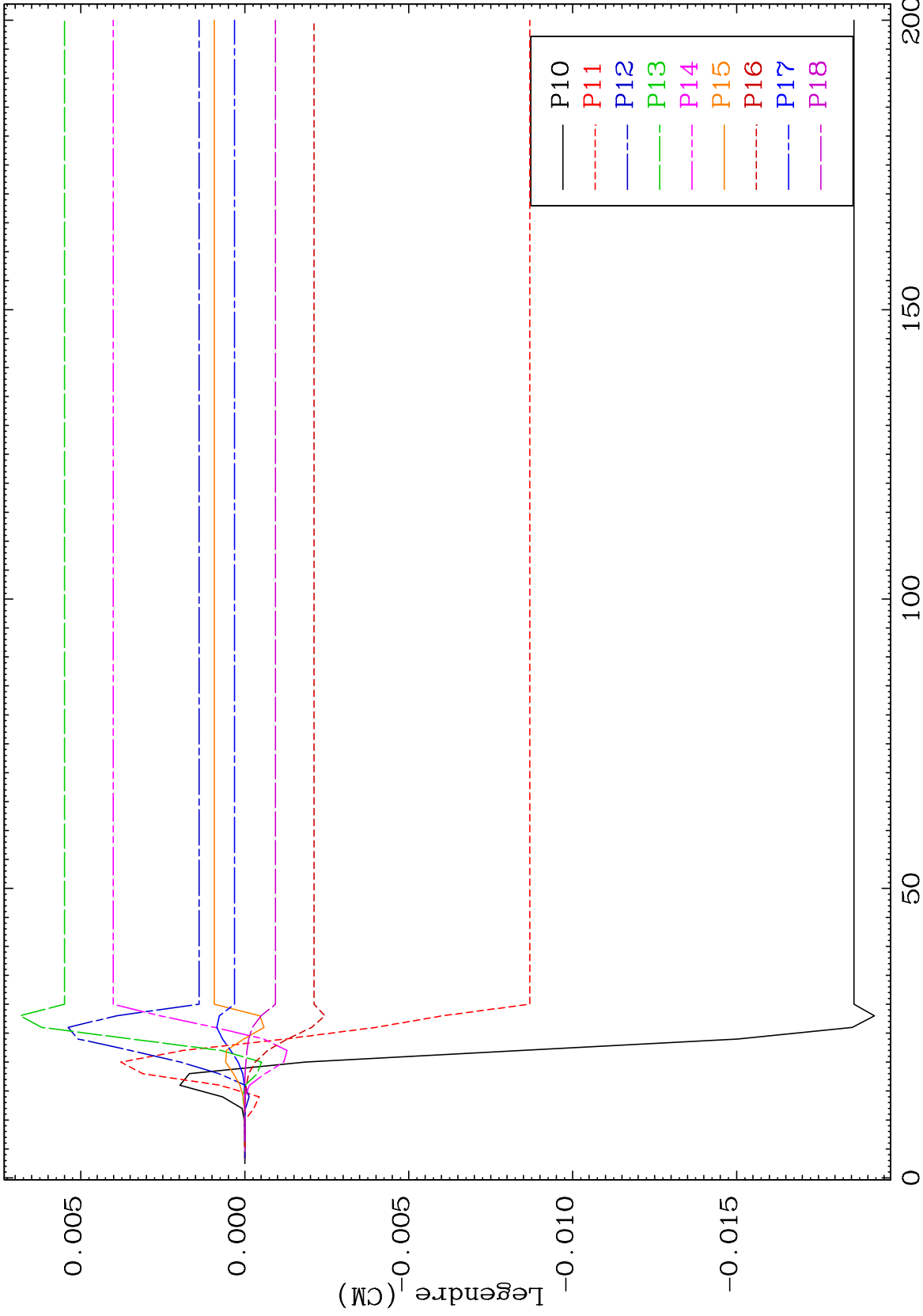
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



95

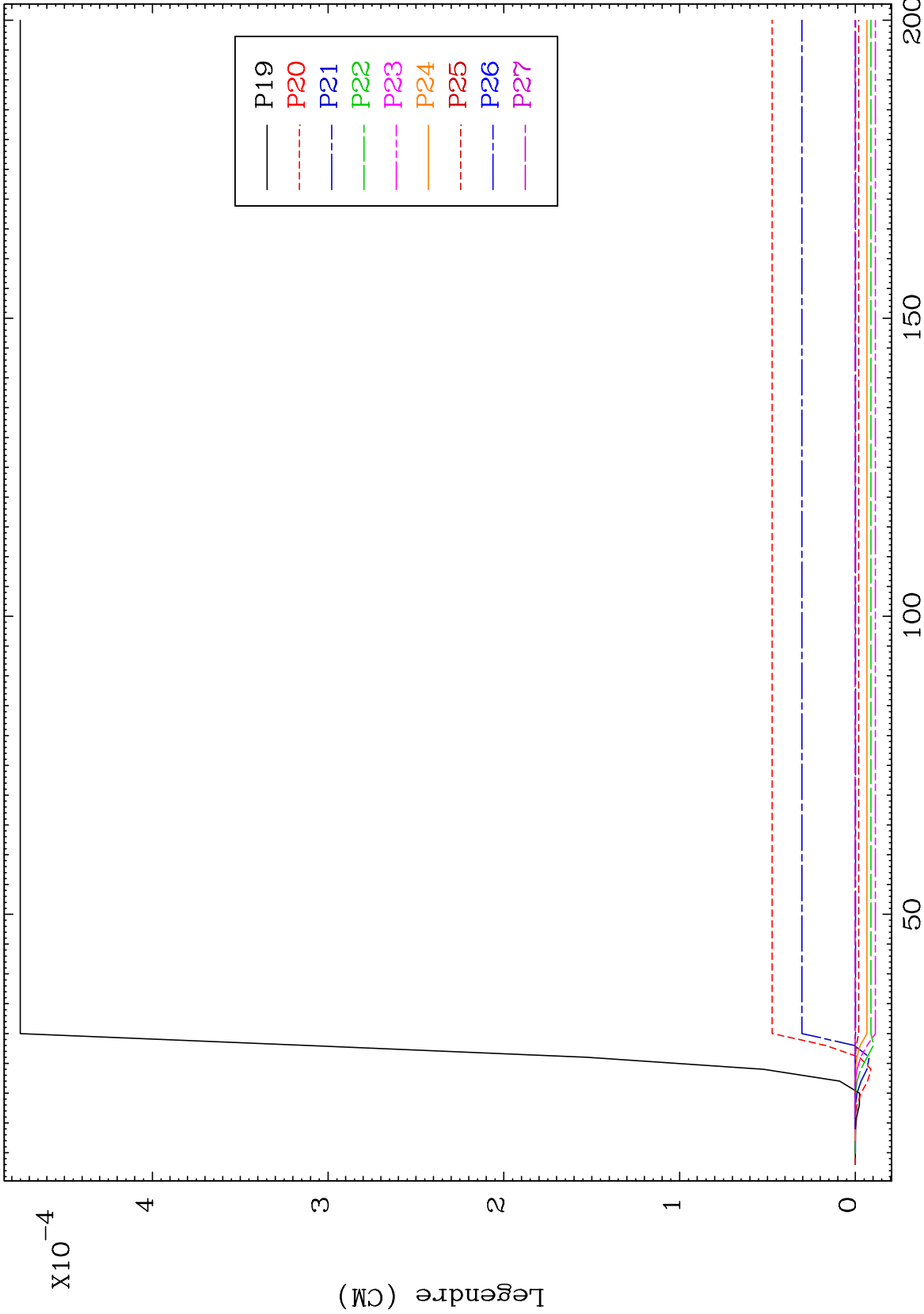
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



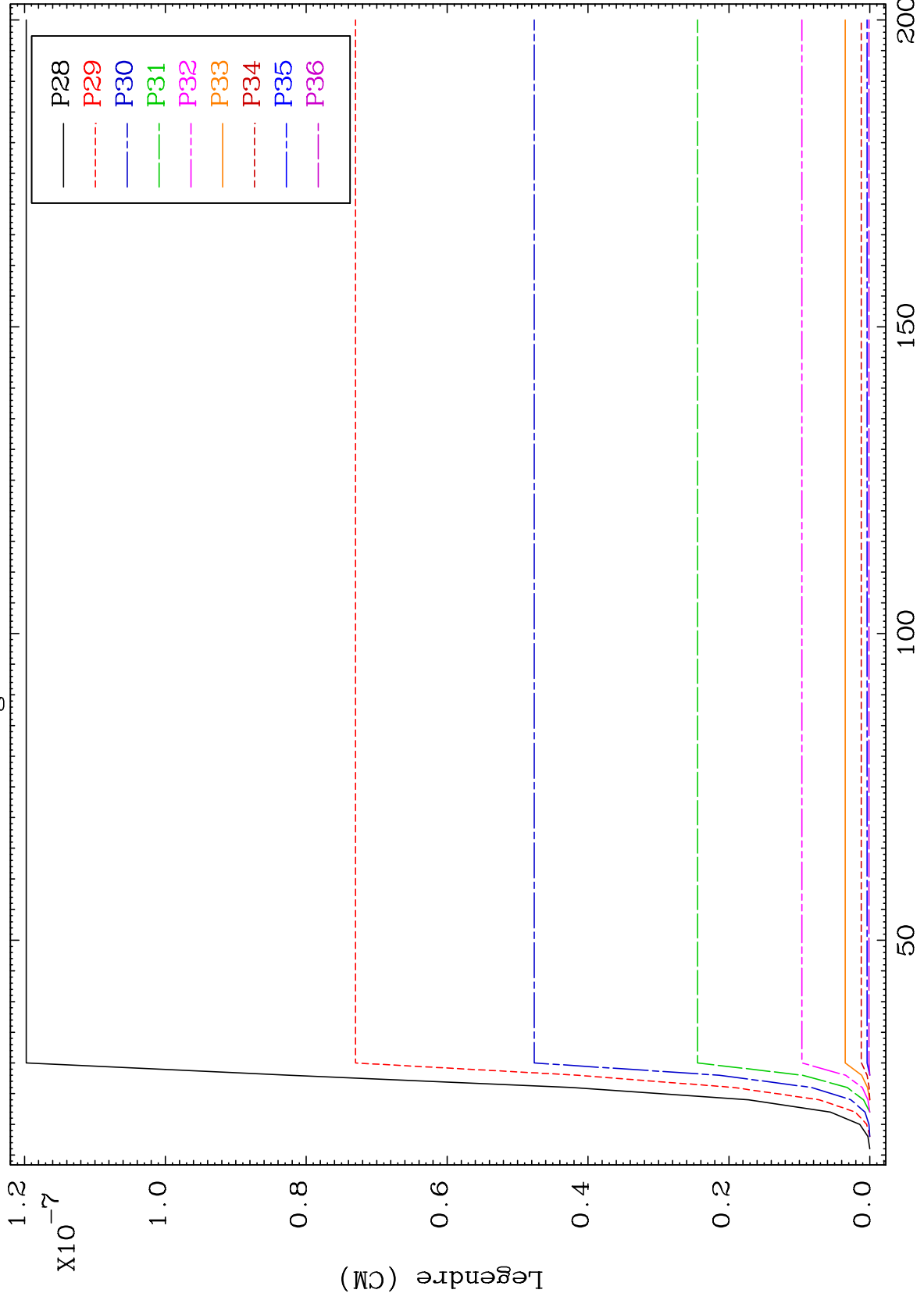
96

80-Hg-192

MAT 8013

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

80-Hg-192



80-Hg-192

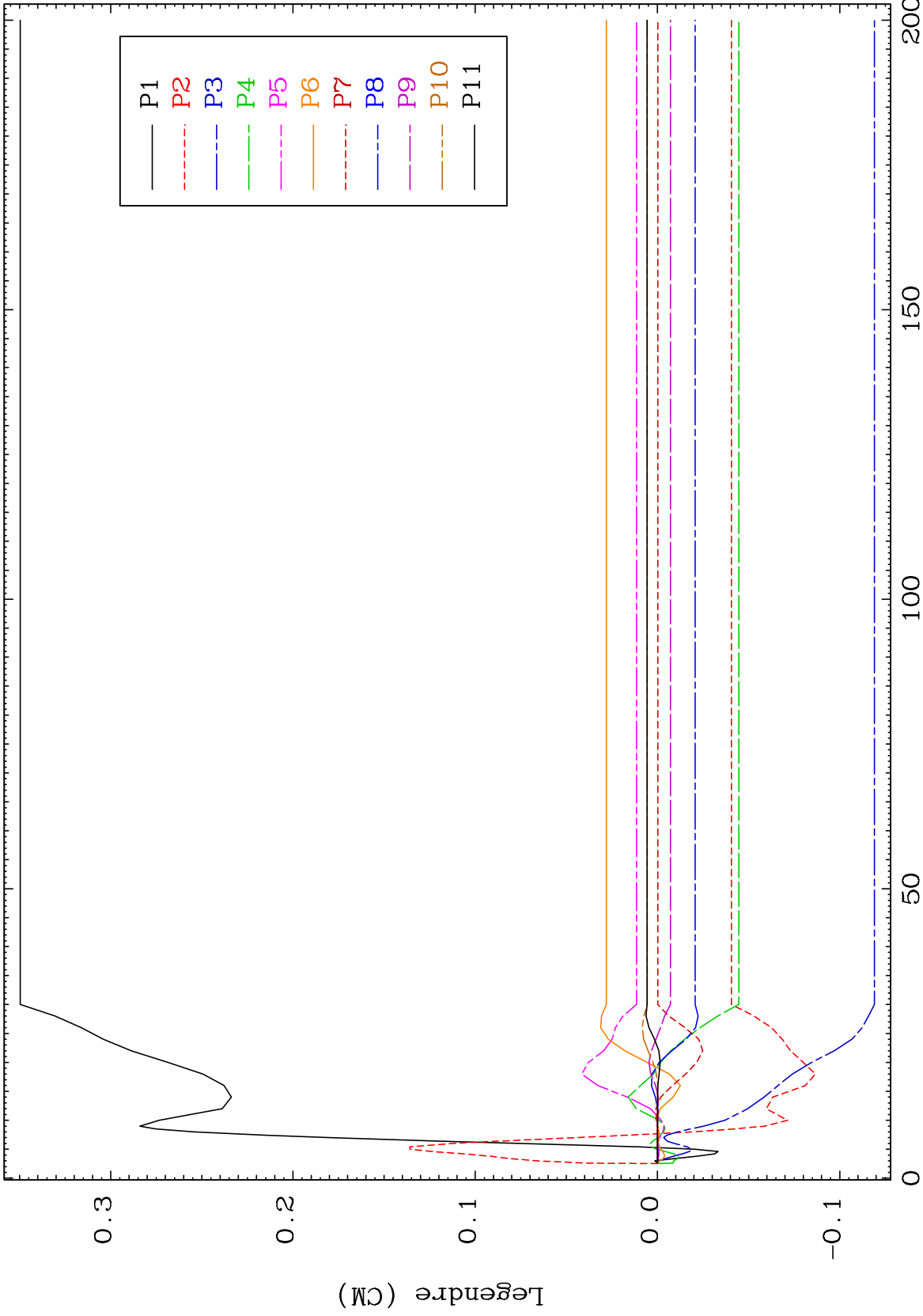
Incident Energy (MeV)

97

MAT 8013

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

80-Hg-192



98

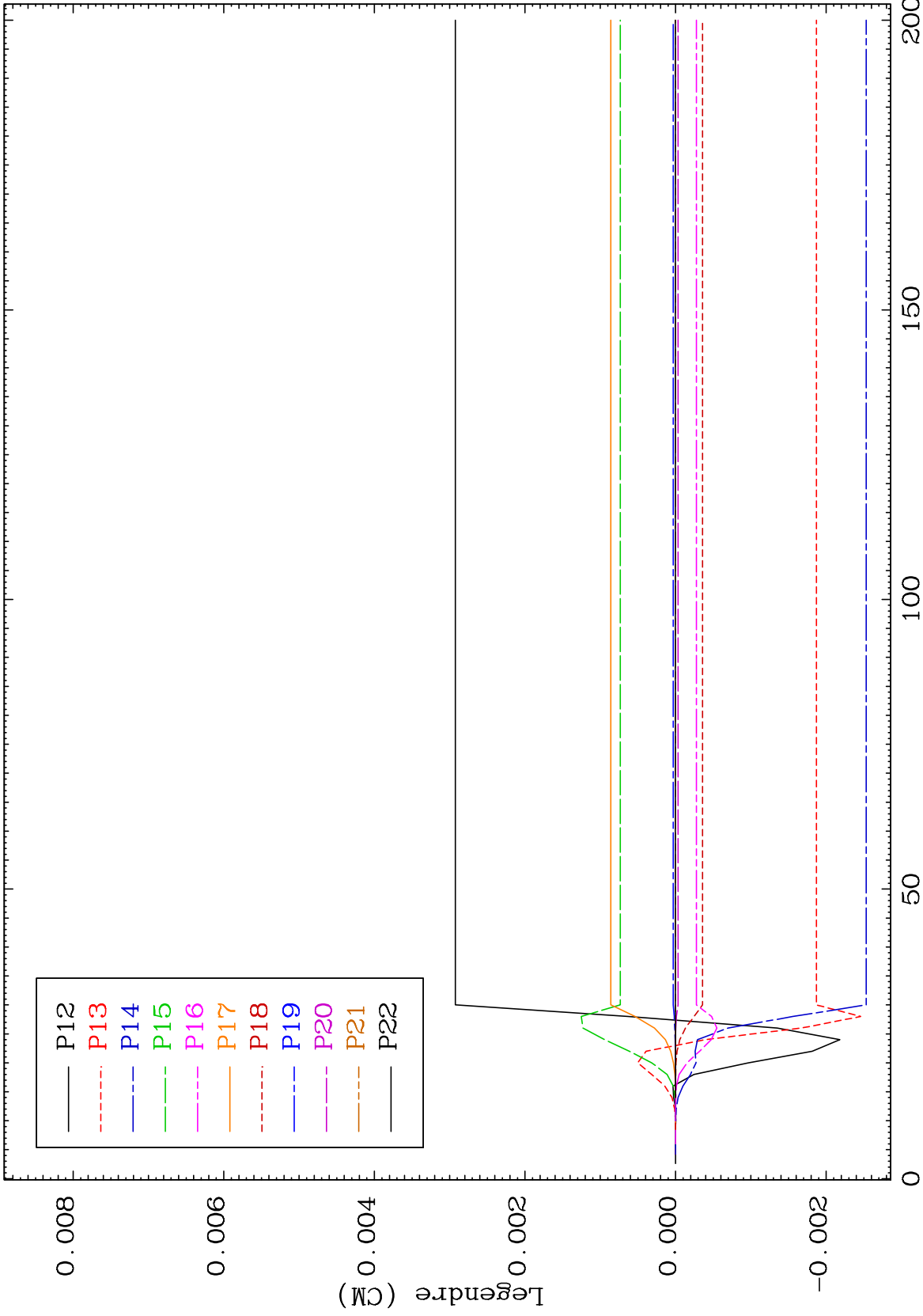
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



99

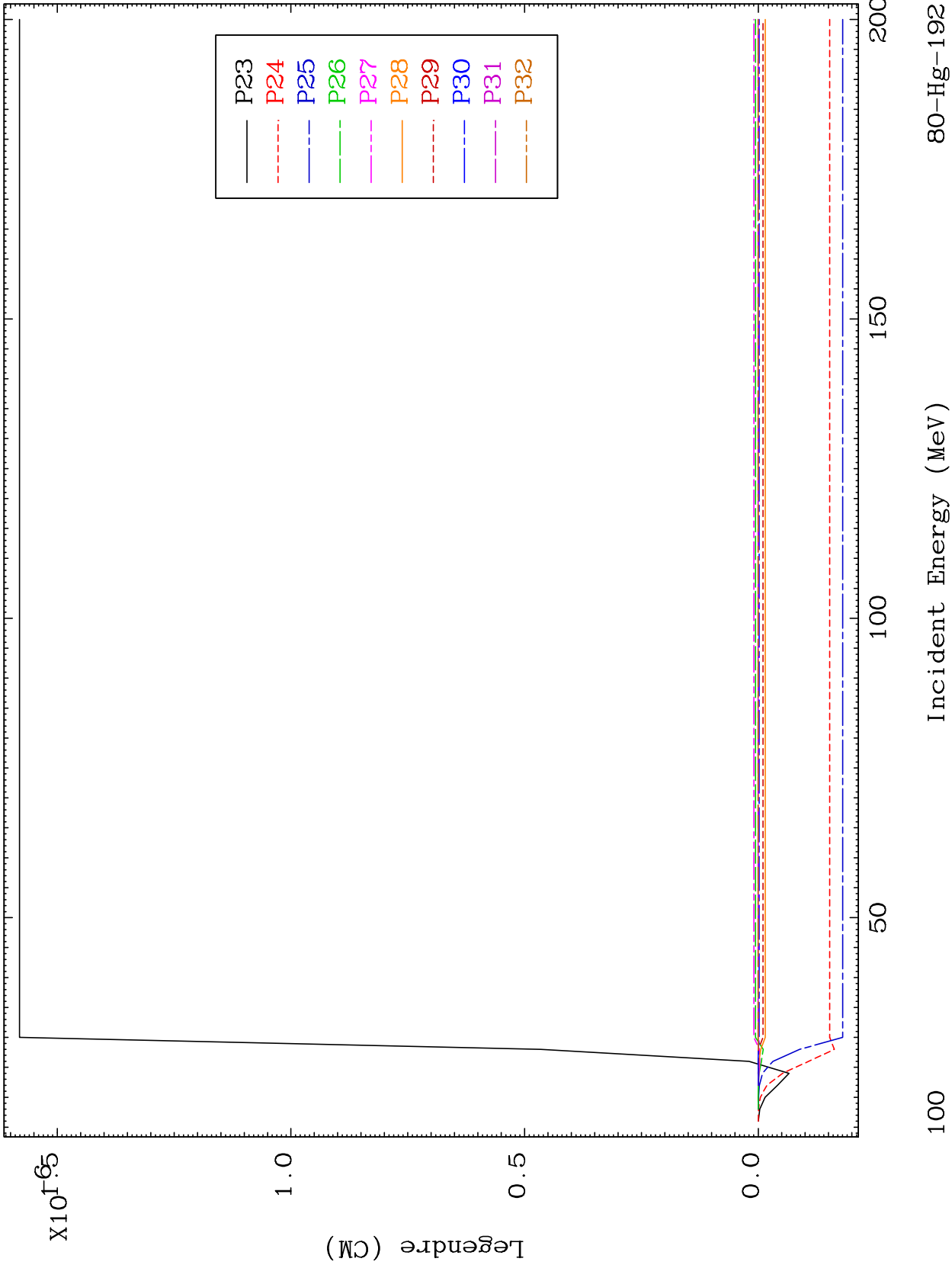
Incident Energy (MeV)

80-Hg-192

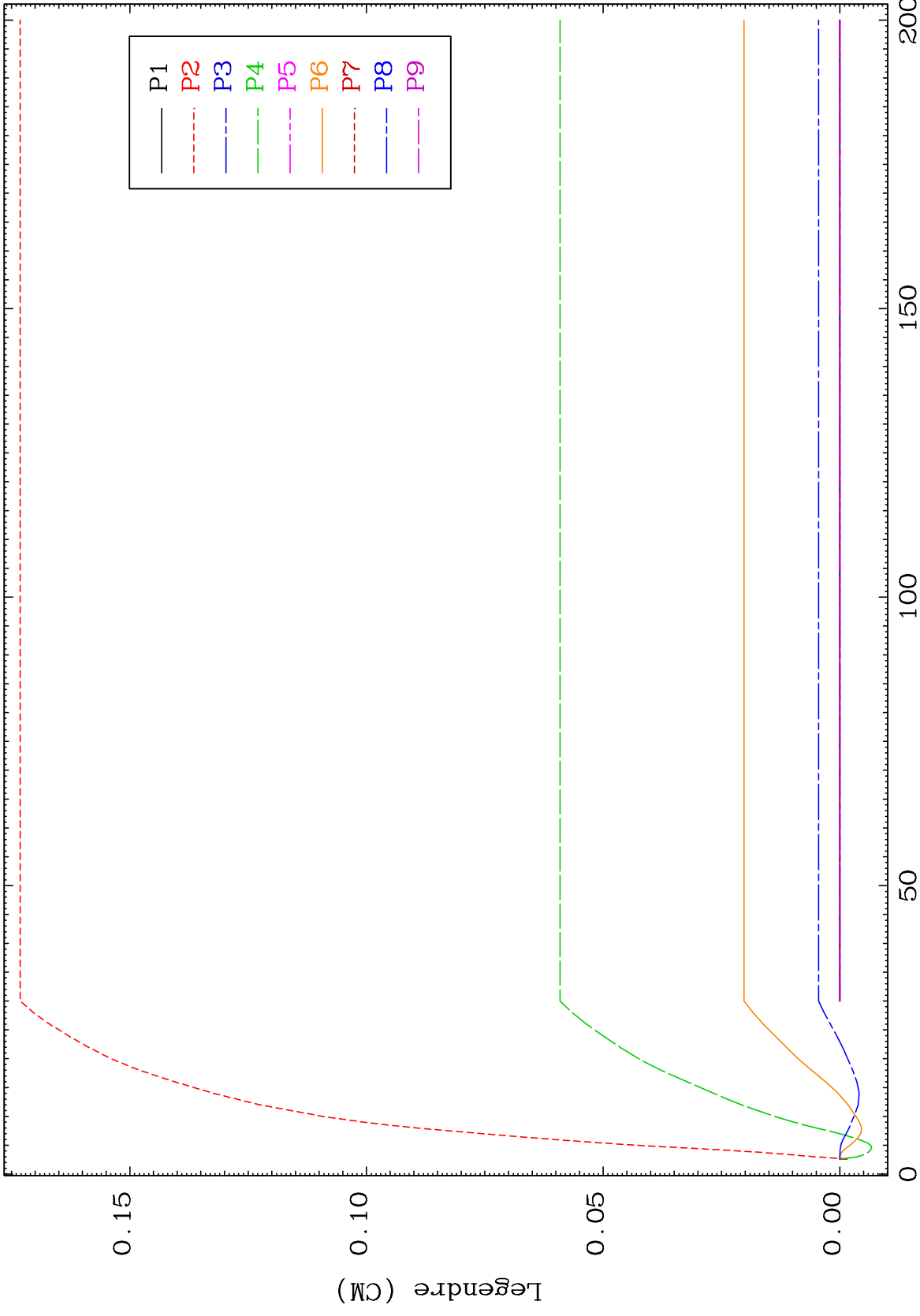
MAT 8013

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

80-Hg-192



MAT 8013 MT= 73 (n,n') Level Legendre Coefficients 80-Hg-192

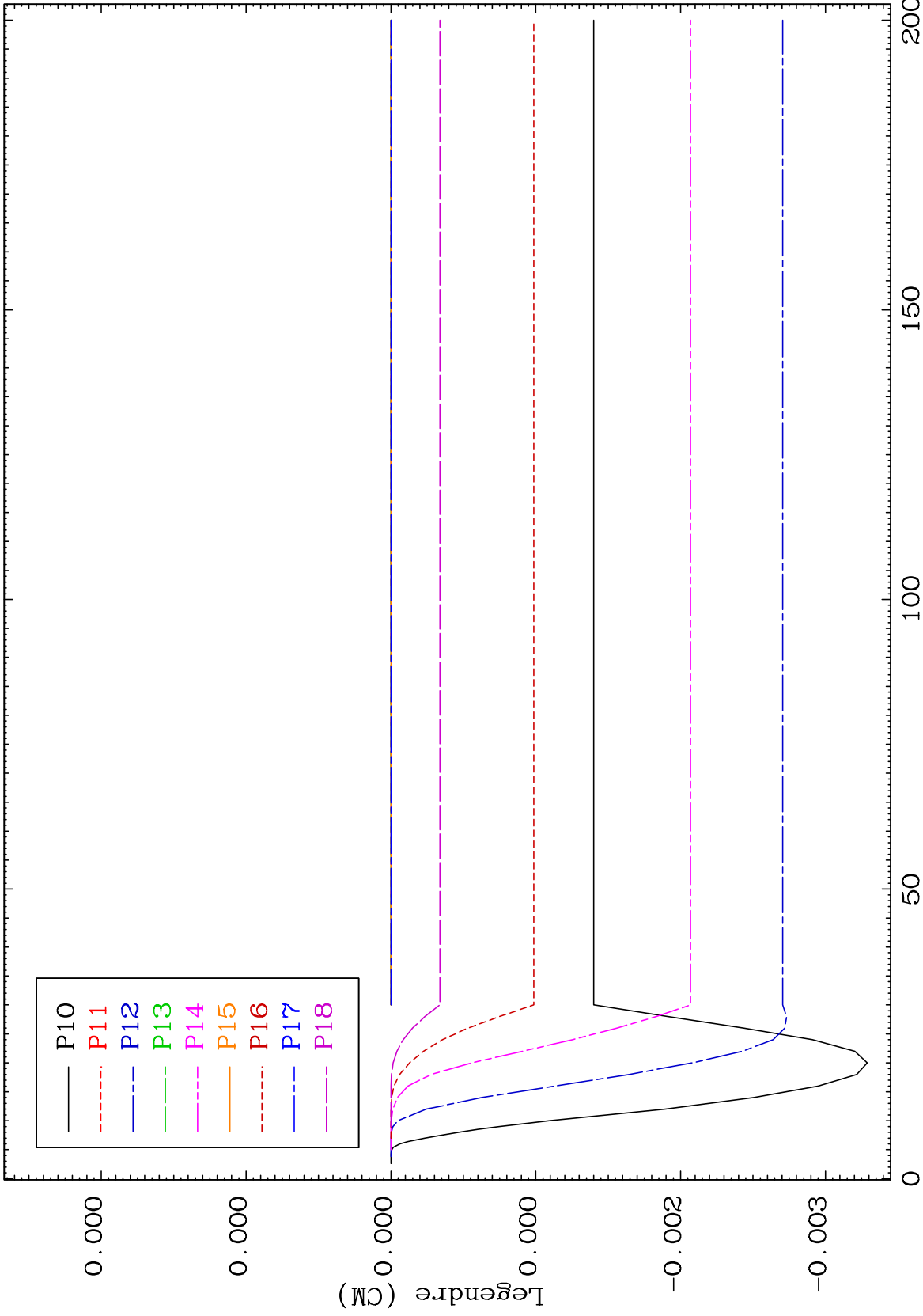


101 Incident Energy (MeV) 80-Hg-192

MAT 8013

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

80-Hg-192

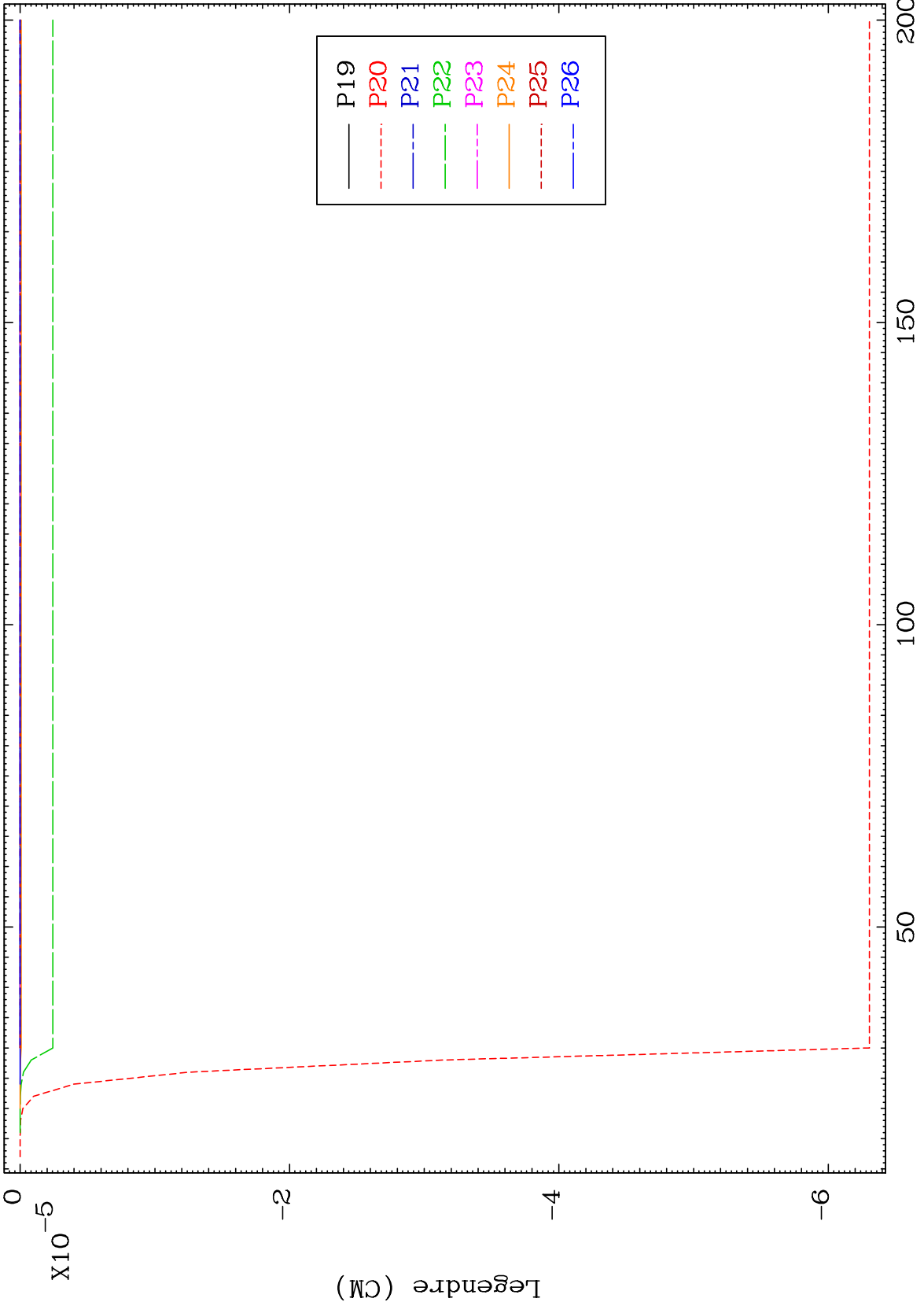


102

Incident Energy (MeV)

80-Hg-192

MAT 8013 MT= 73 (n,n') Level Legendre Coefficients 80-Hg-192

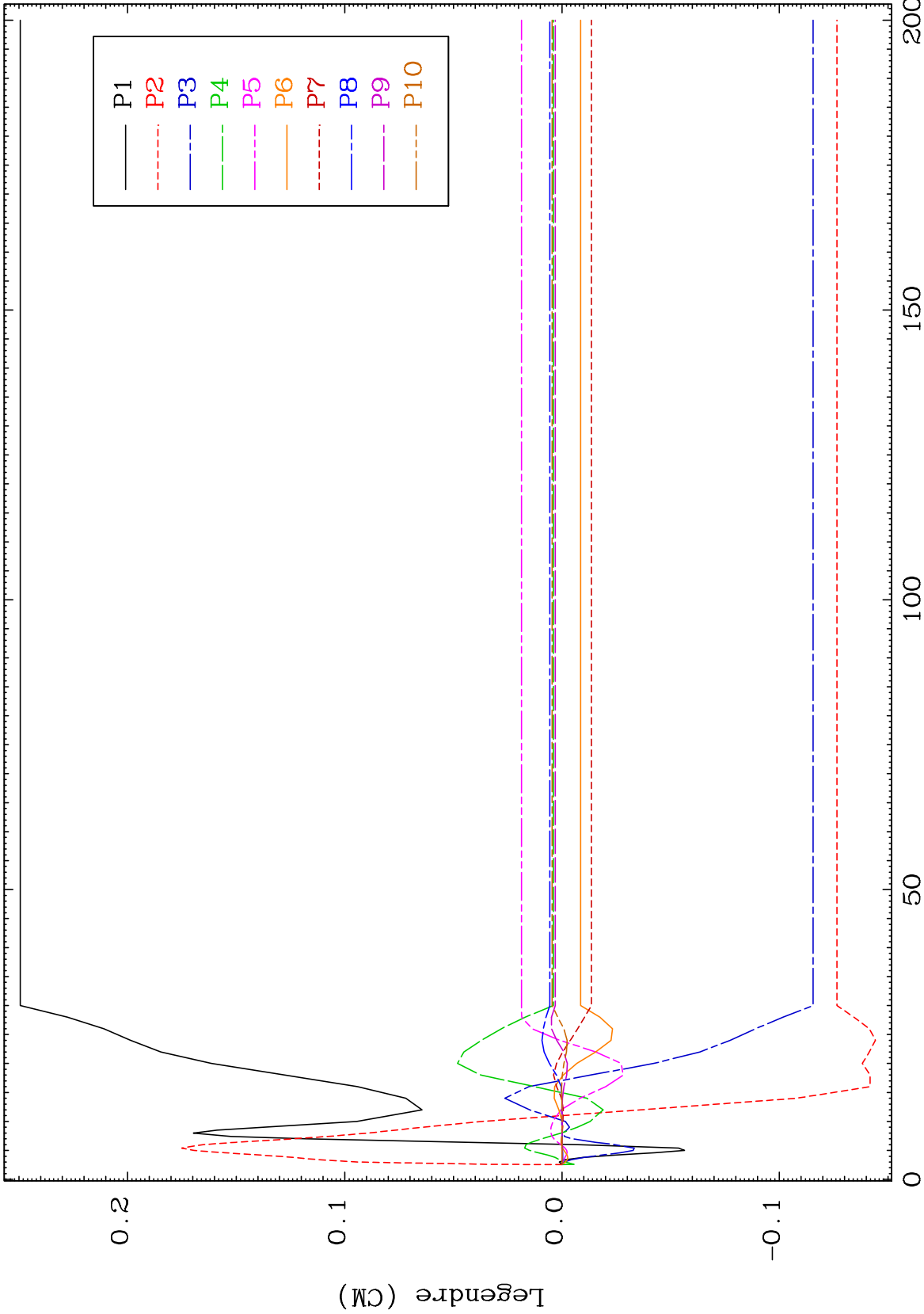


103 80-Hg-192

MAT 8013

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

80-Hg-192



104

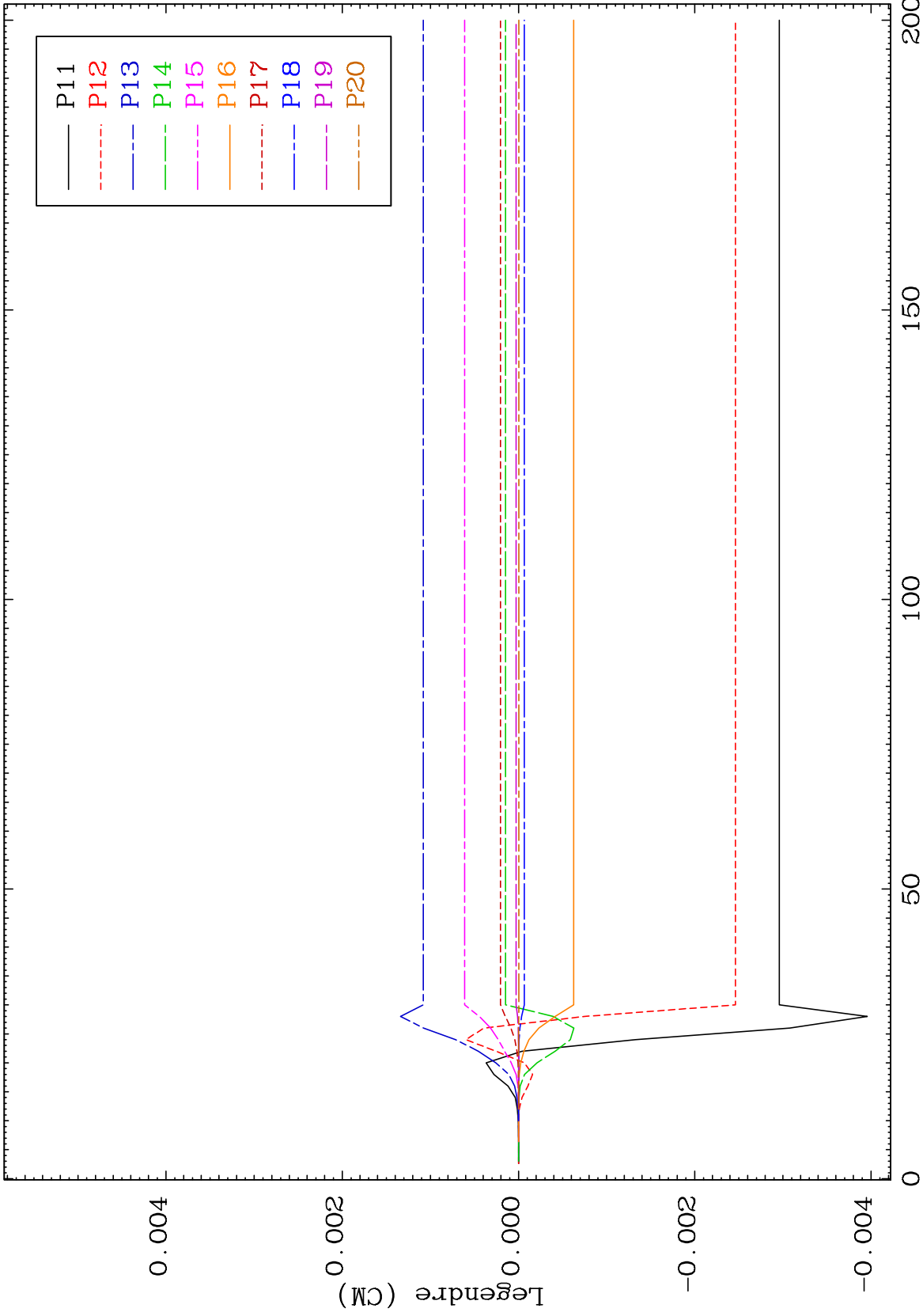
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



105

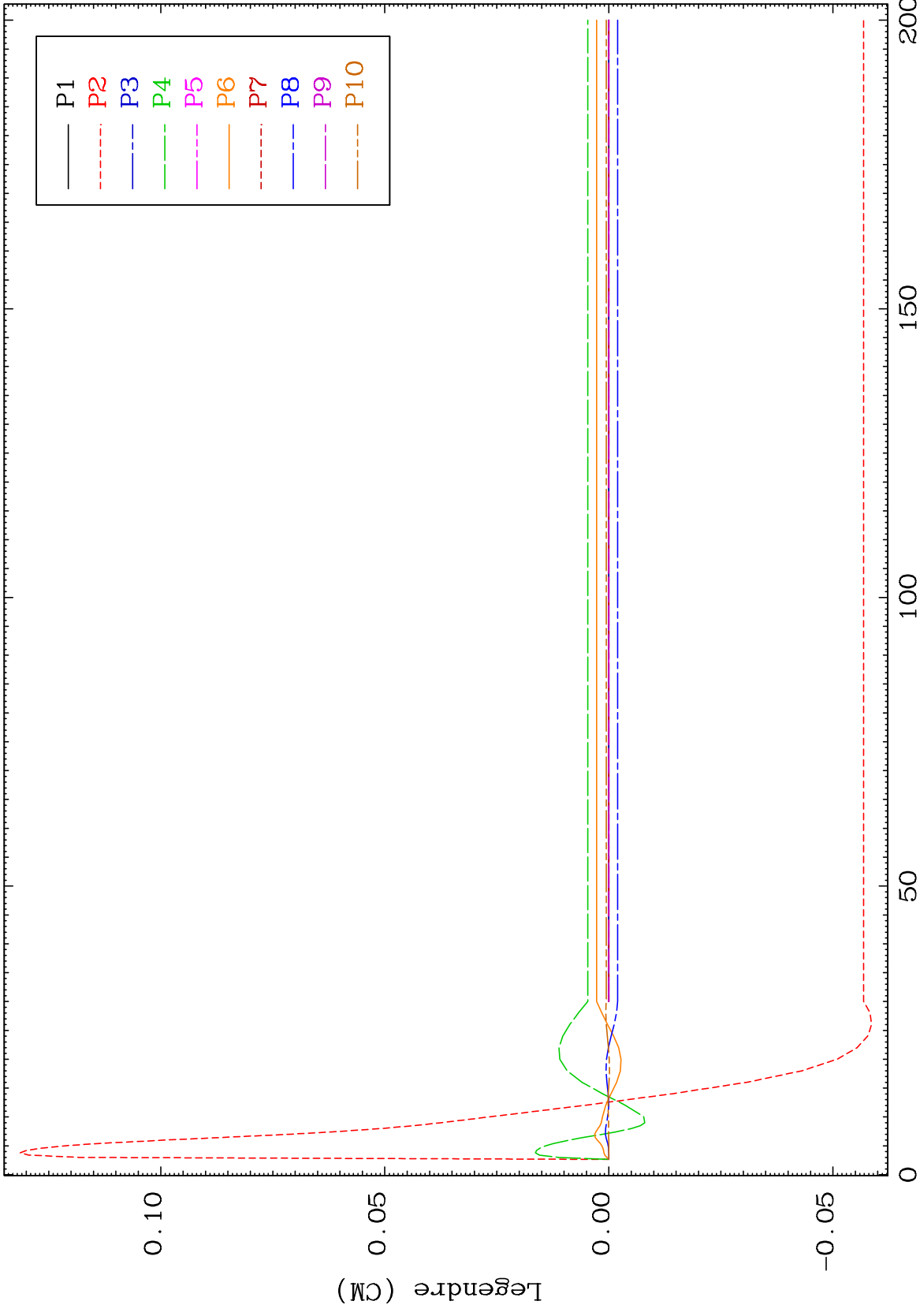
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192



107

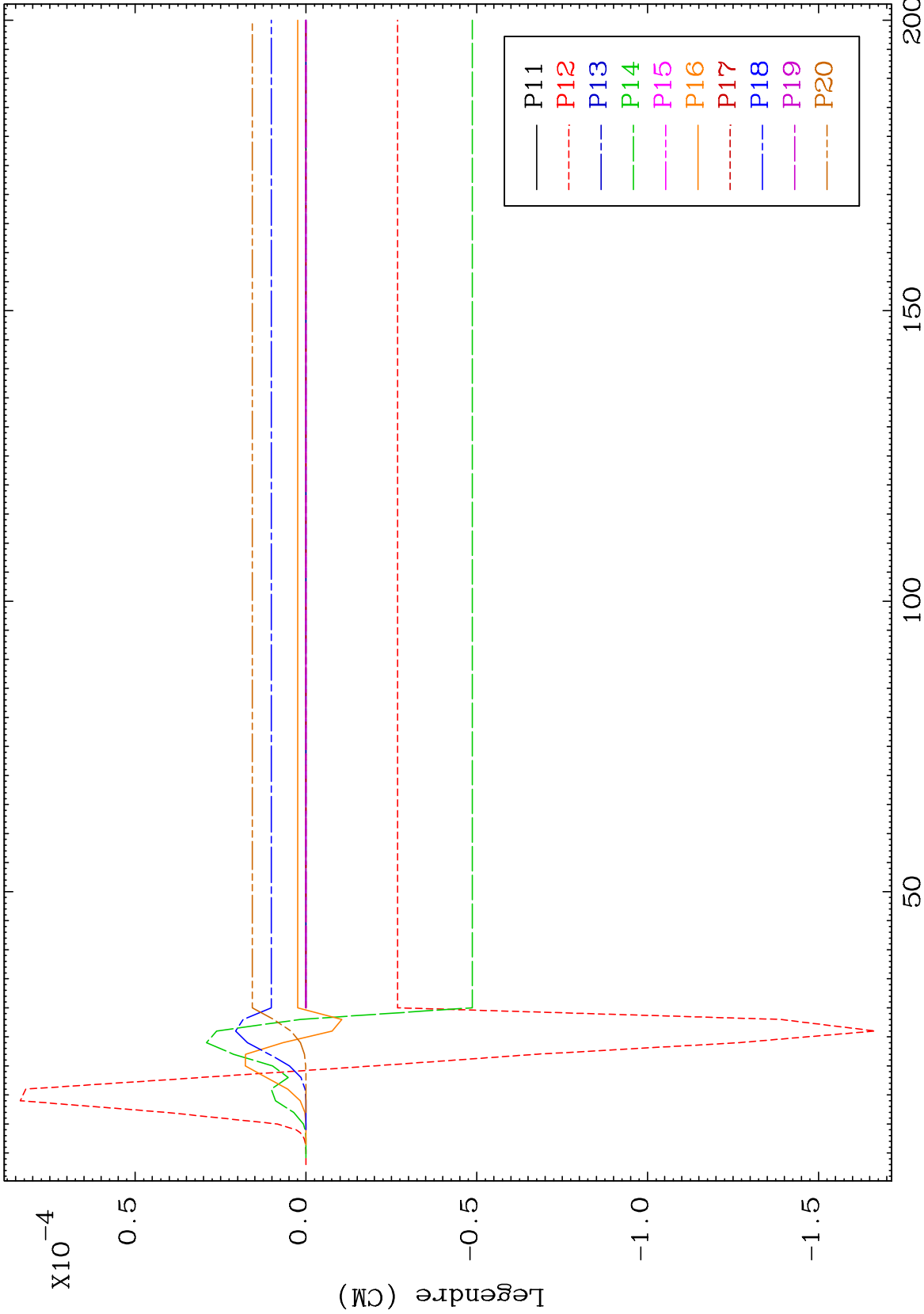
Incident Energy (MeV)

80-Hg-192

MAT 8013

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

80-Hg-192

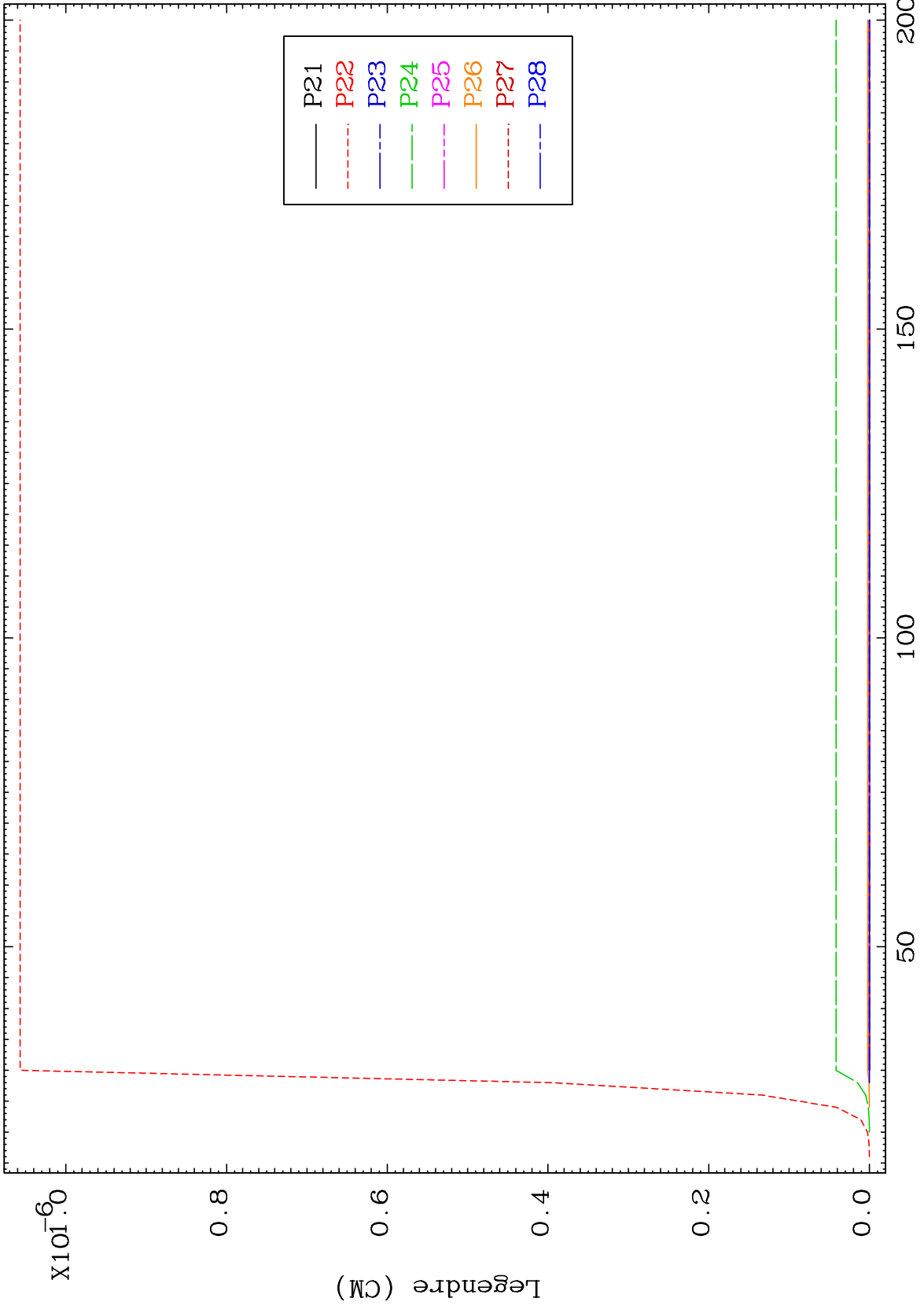


108

Incident Energy (MeV)

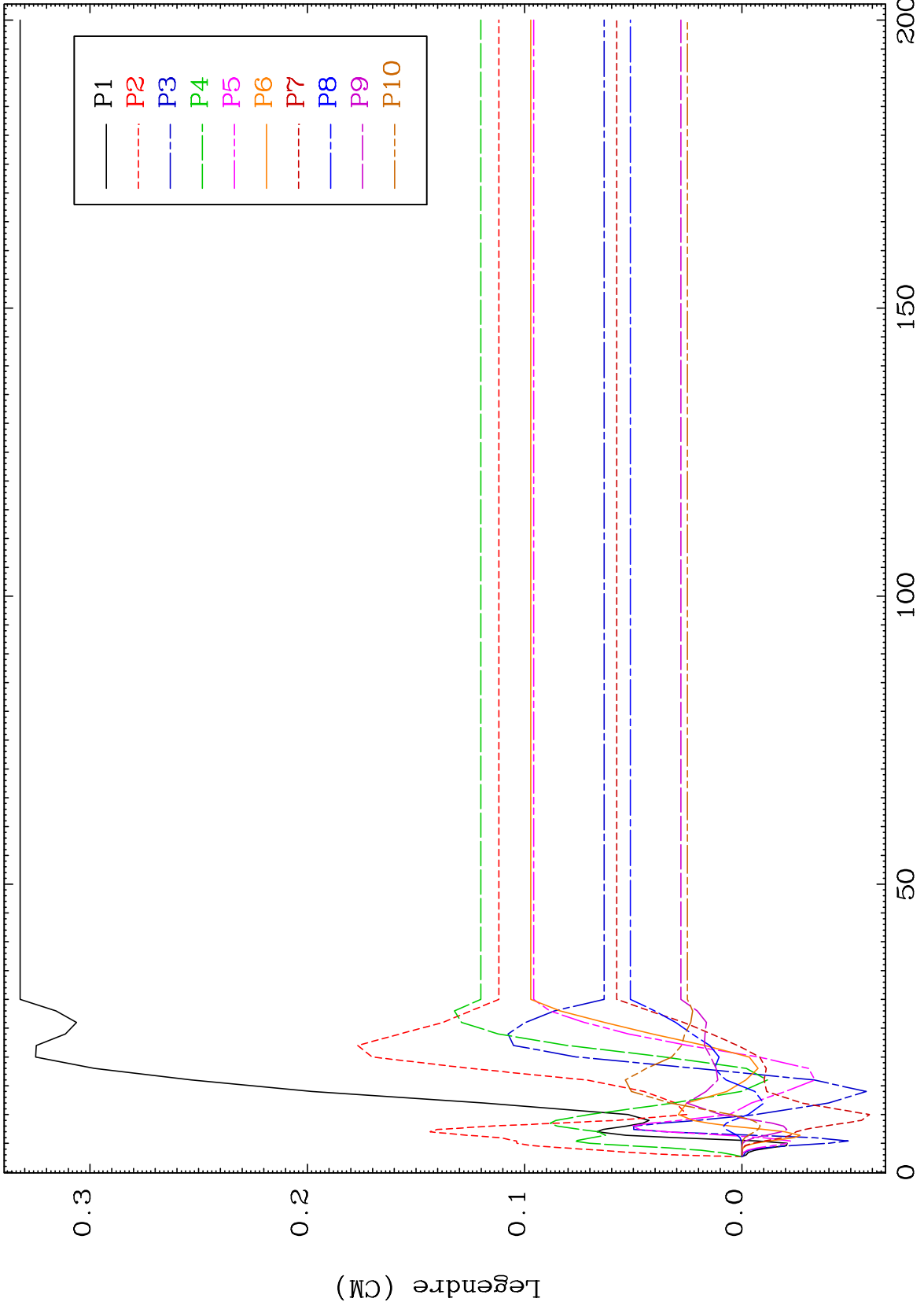
80-Hg-192

MAT 8013 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-192



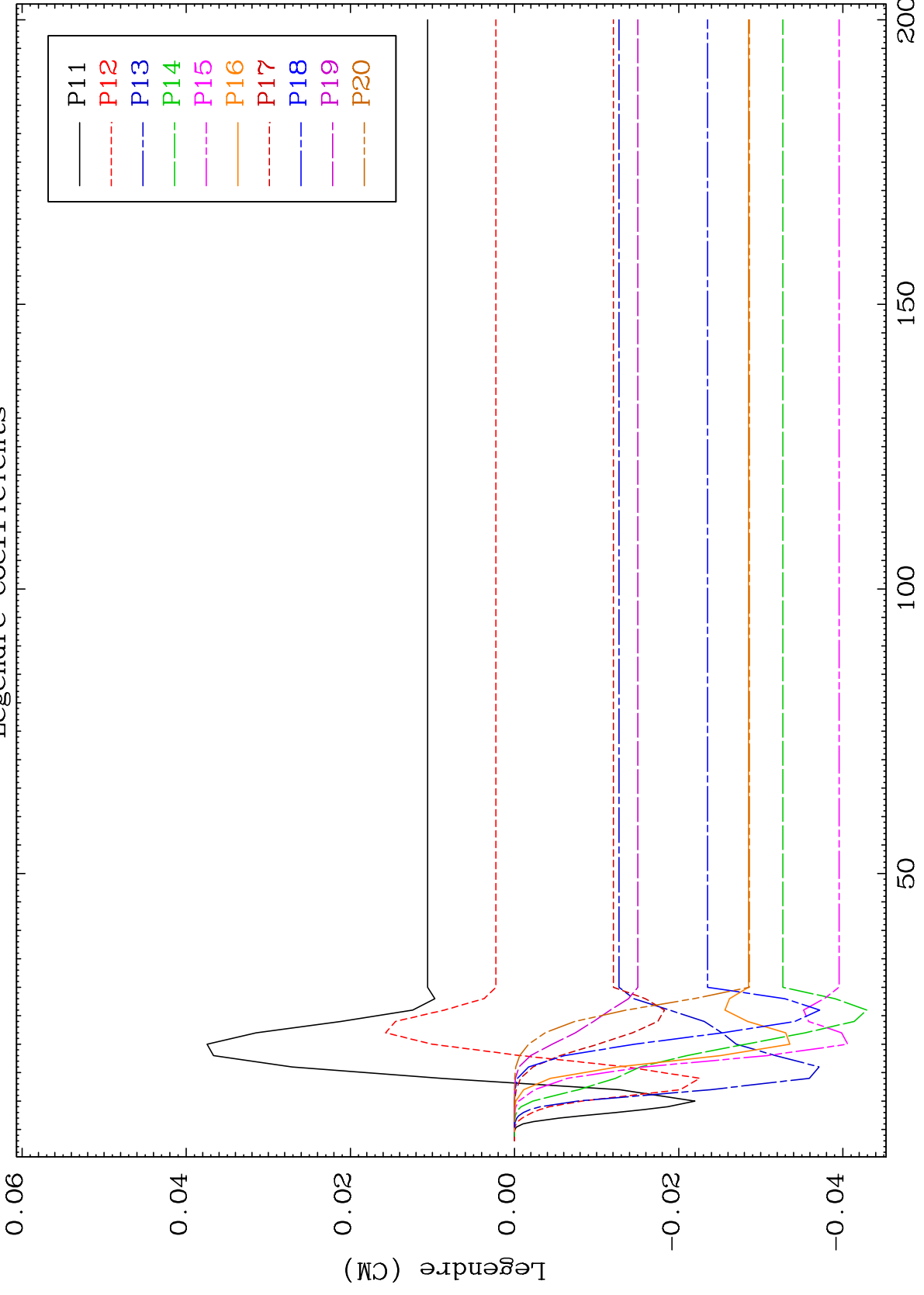
109 Incident Energy (MeV) 80-Hg-192

MAT 8013 MT= 76 (n,n') Level Legendre Coefficients 80-Hg-192



110 Incident Energy (MeV) 80-Hg-192

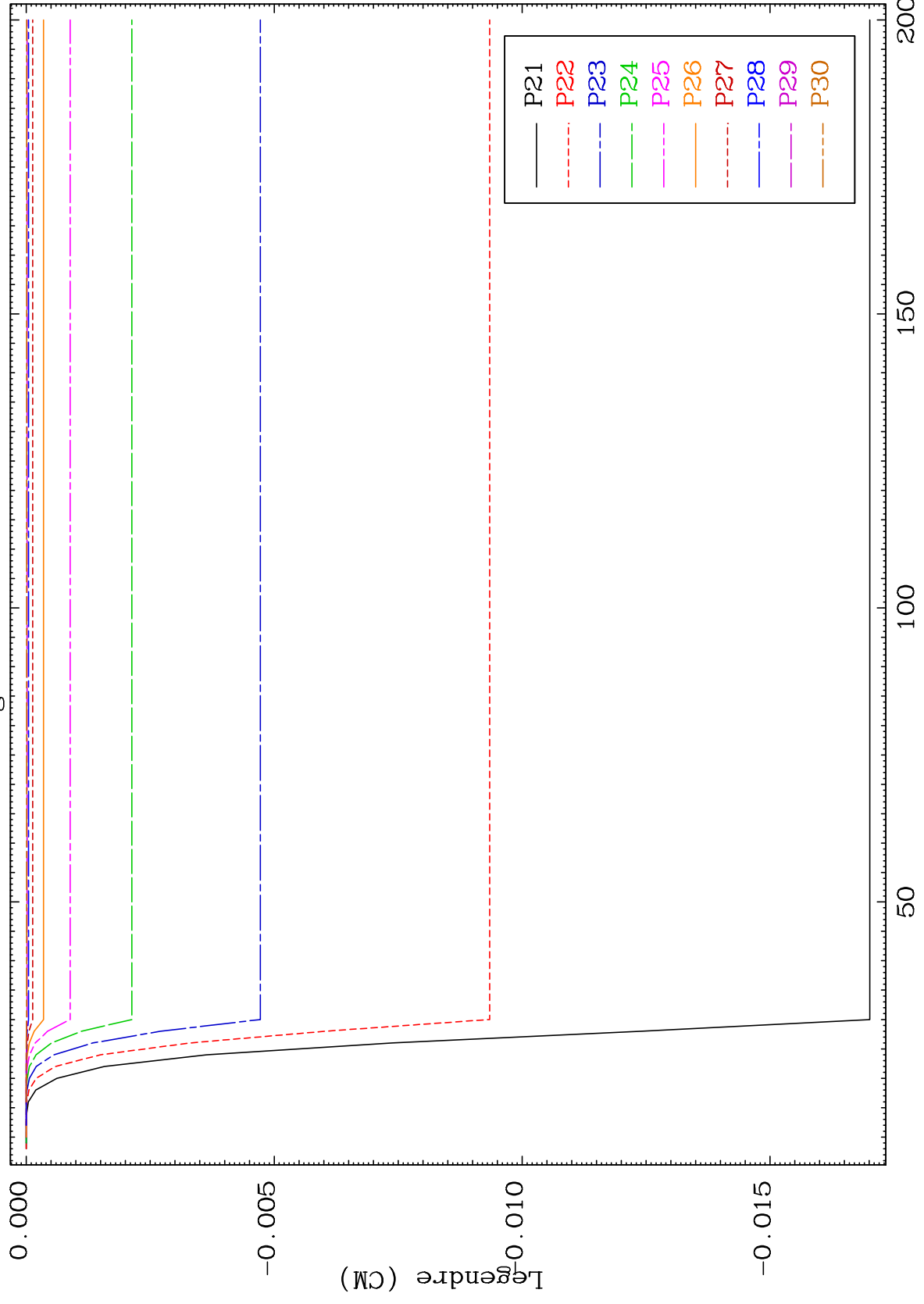
MAT 8013 MT= 76 (n,n') Level Legendre Coefficients 80-Hg-192



MAT 8013

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

80-Hg-192



80-Hg-192

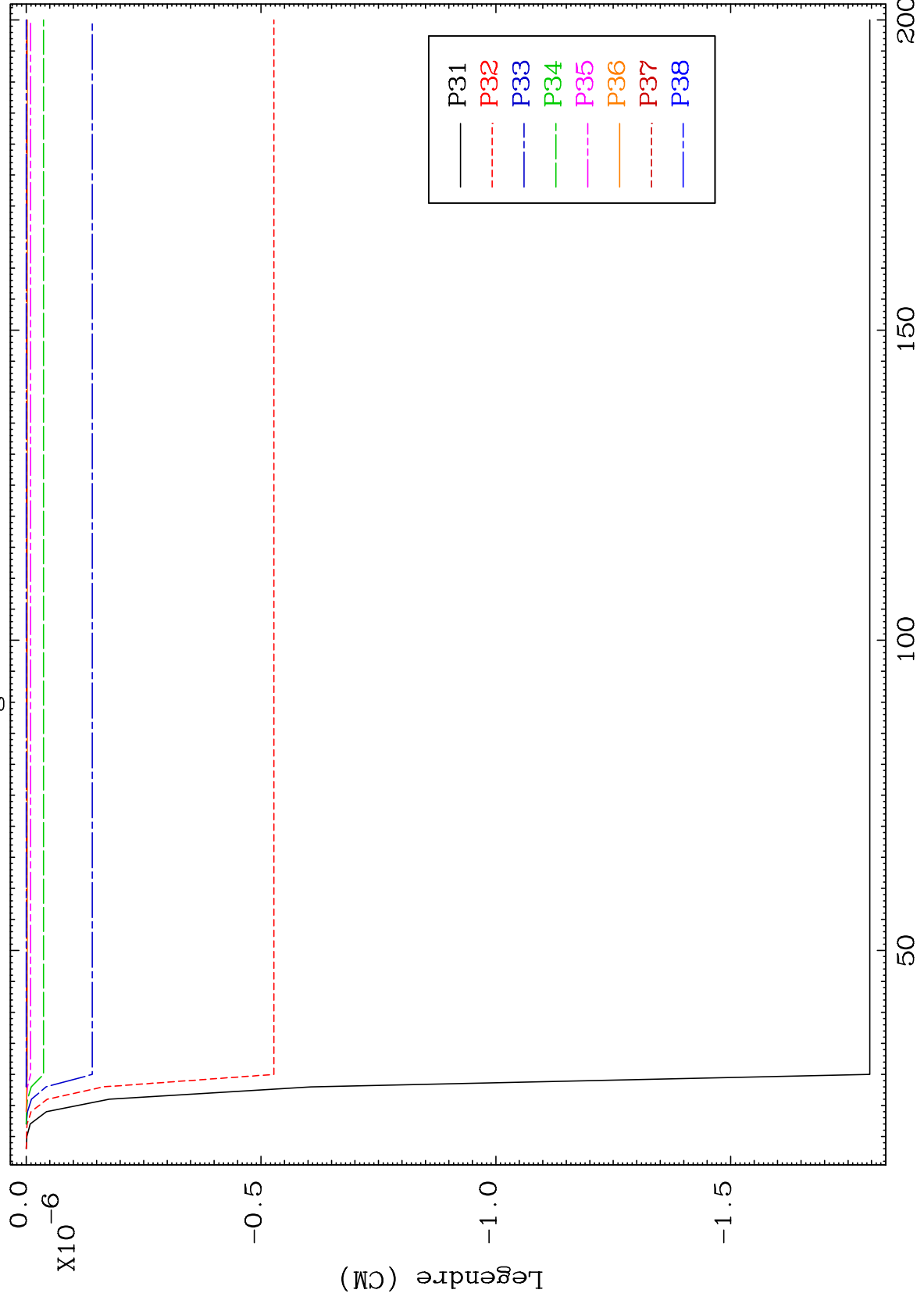
Incident Energy (MeV)

112

MAT 8013

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

80-Hg-192



80-Hg-192

Incident Energy (MeV)

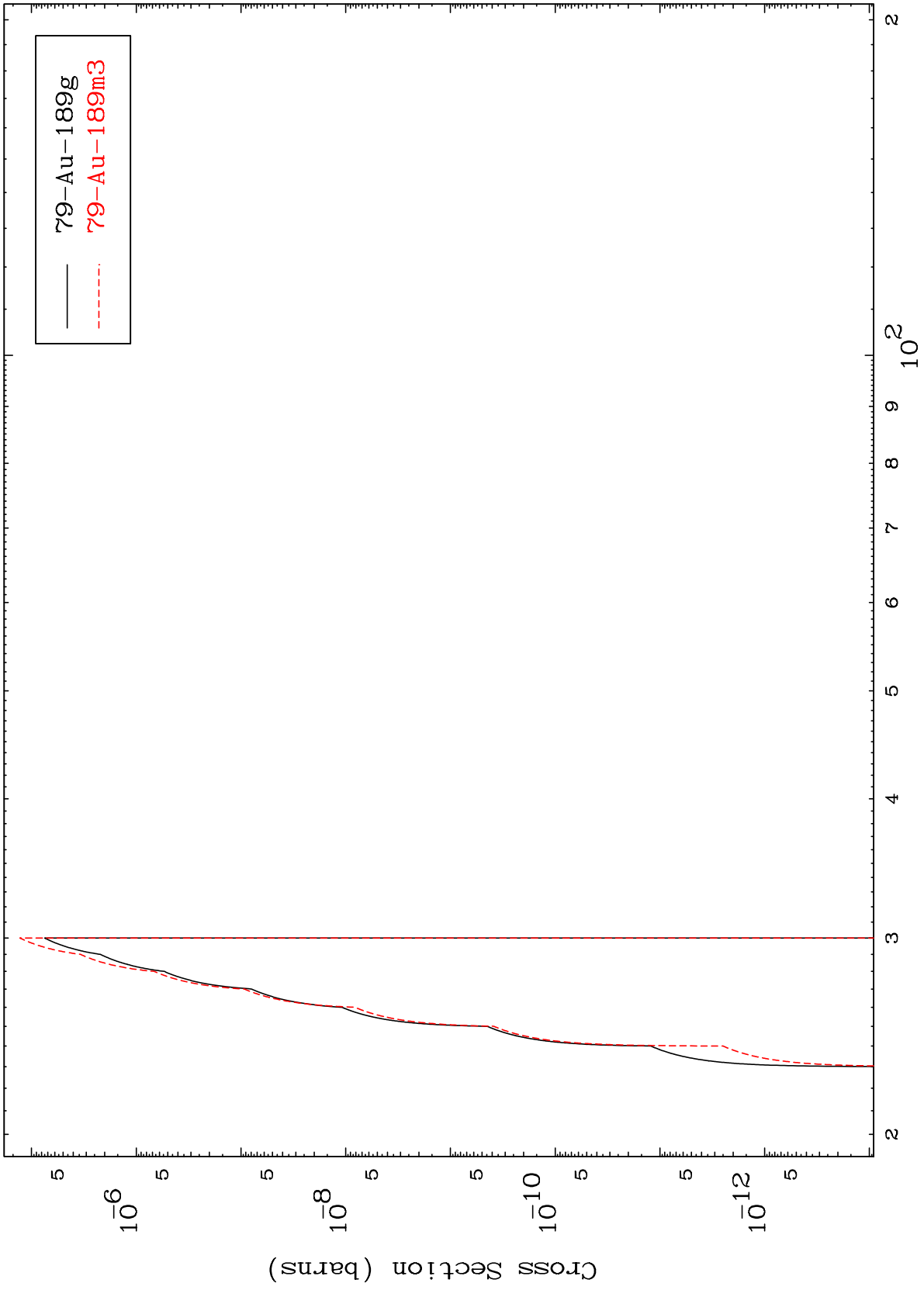
113

MAT 8013

(n,2n) d

80-Hg-192

Radionuclide Production Cross Section



114

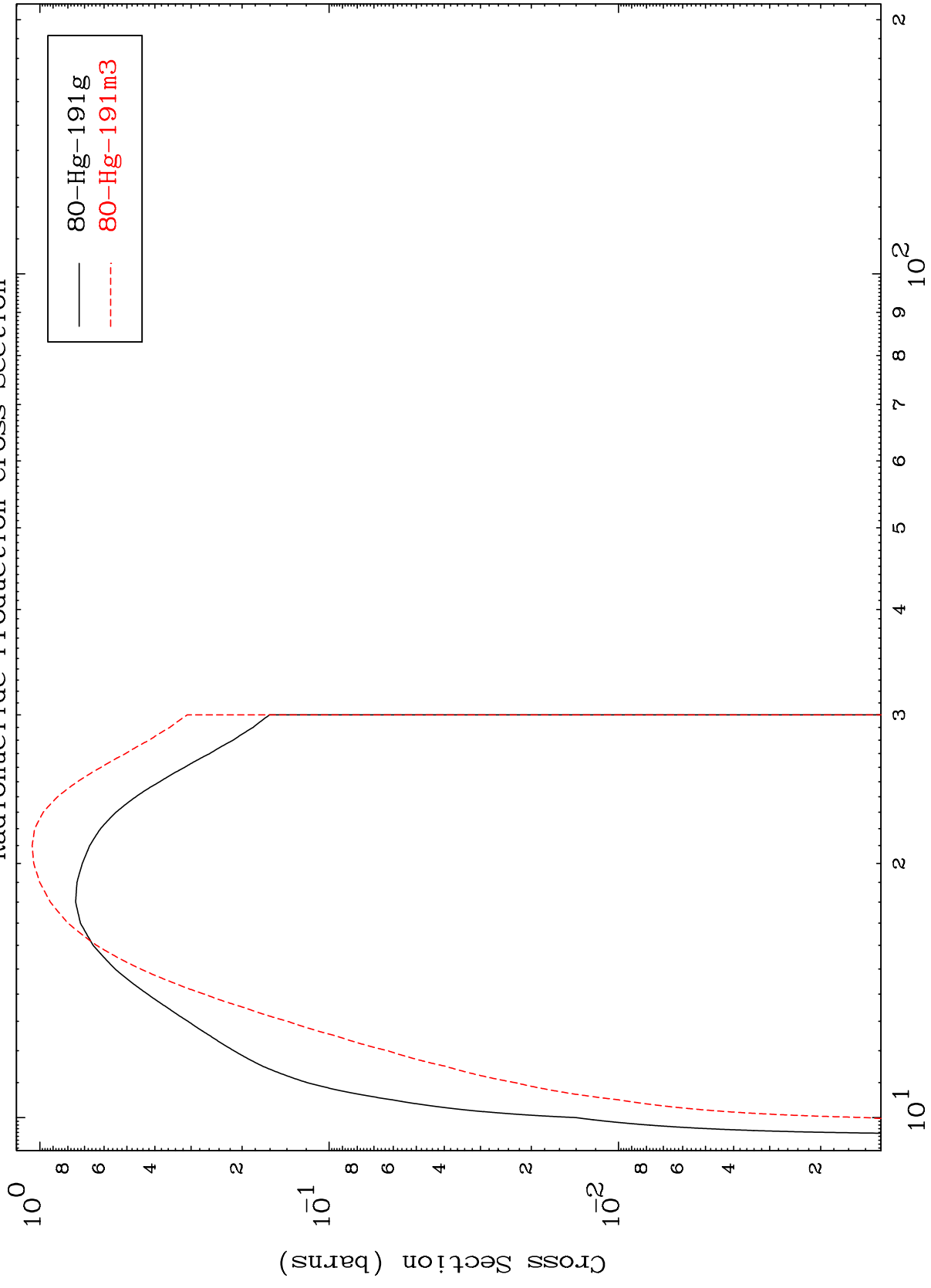
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(n,2n)
Radionuclide Production Cross Section



80-Hg-192

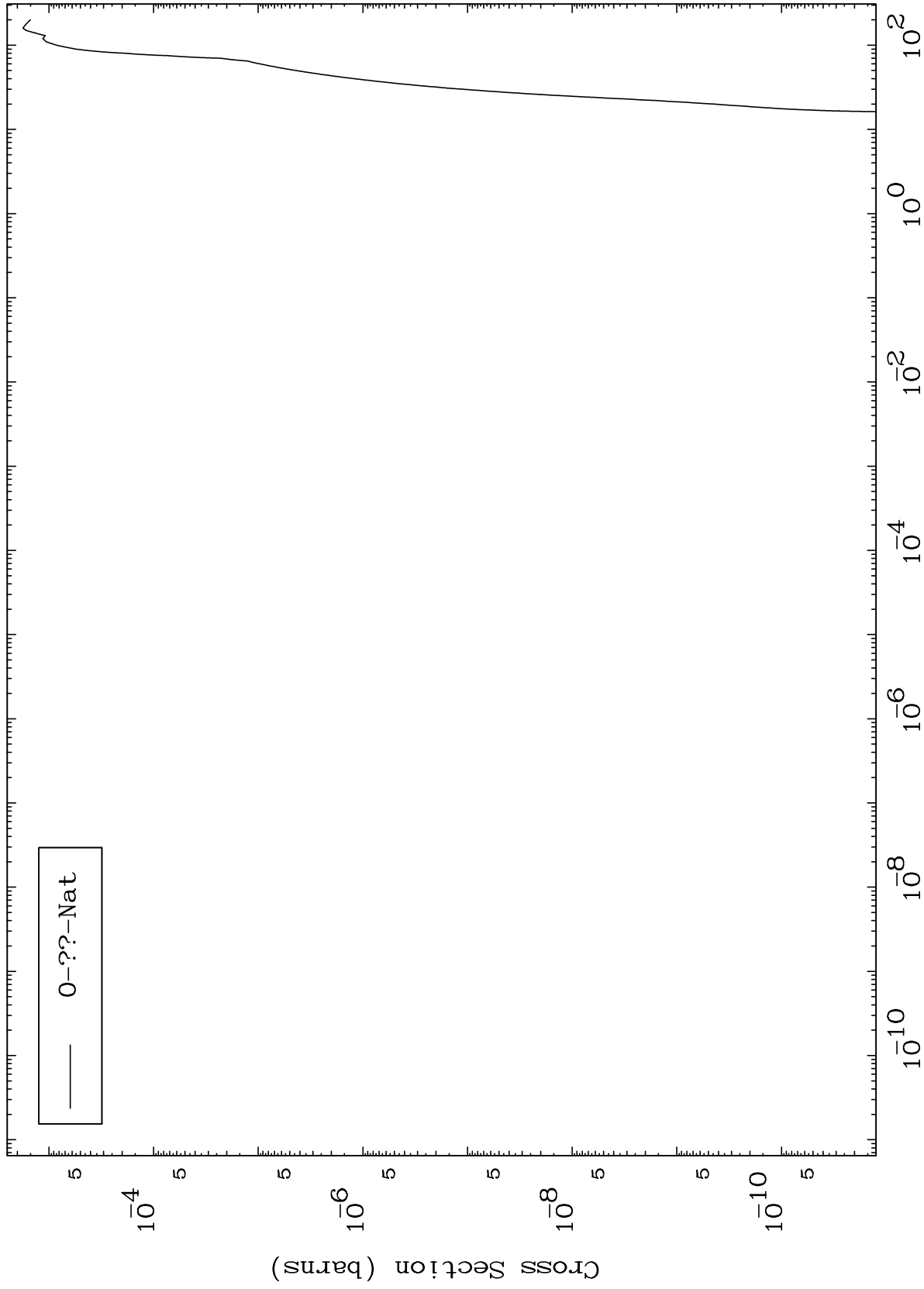
Incident Energy (MeV)

115

MAT 8013

Fission
Radionuclide Production Cross Section

80-Hg-192



116

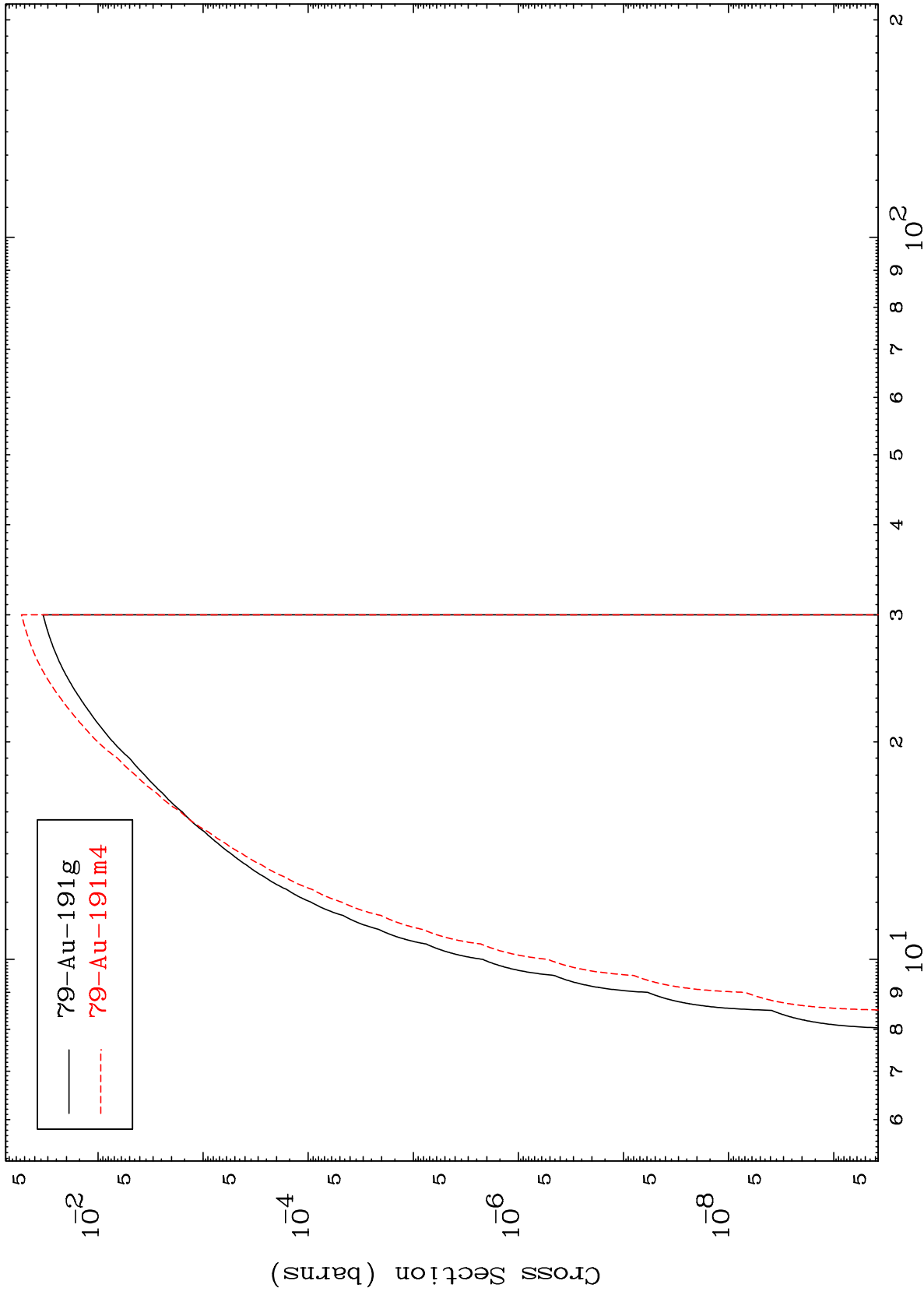
80-Hg-192

MAT 8013

(n,n') p

80-Hg-192

Radionuclide Production Cross Section



117

Incident Energy (MeV)

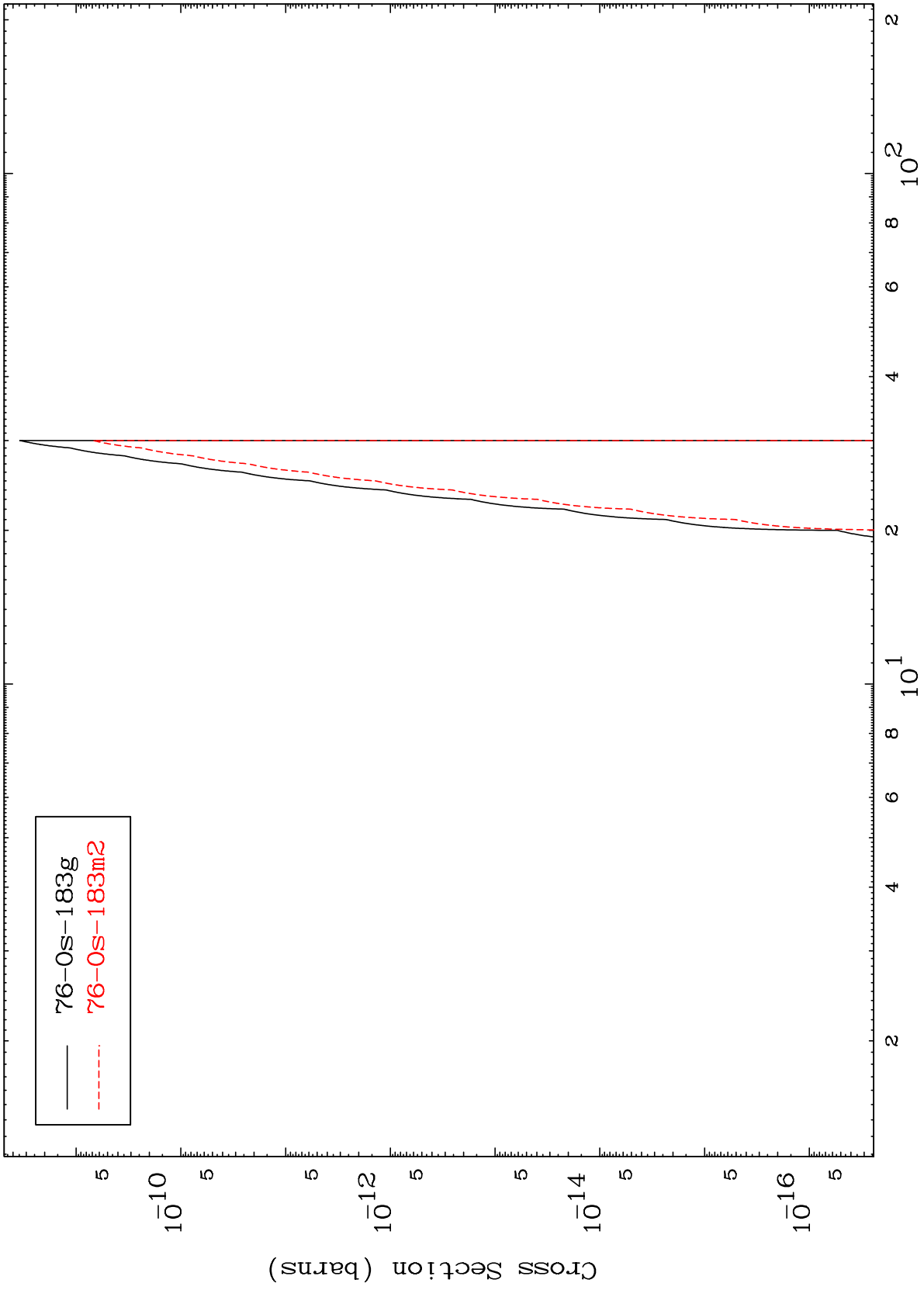
80-Hg-192

MAT 8013

(n,2n) 2 α

80-Hg-192

Radionuclide Production Cross Section



118

Incident Energy (MeV)

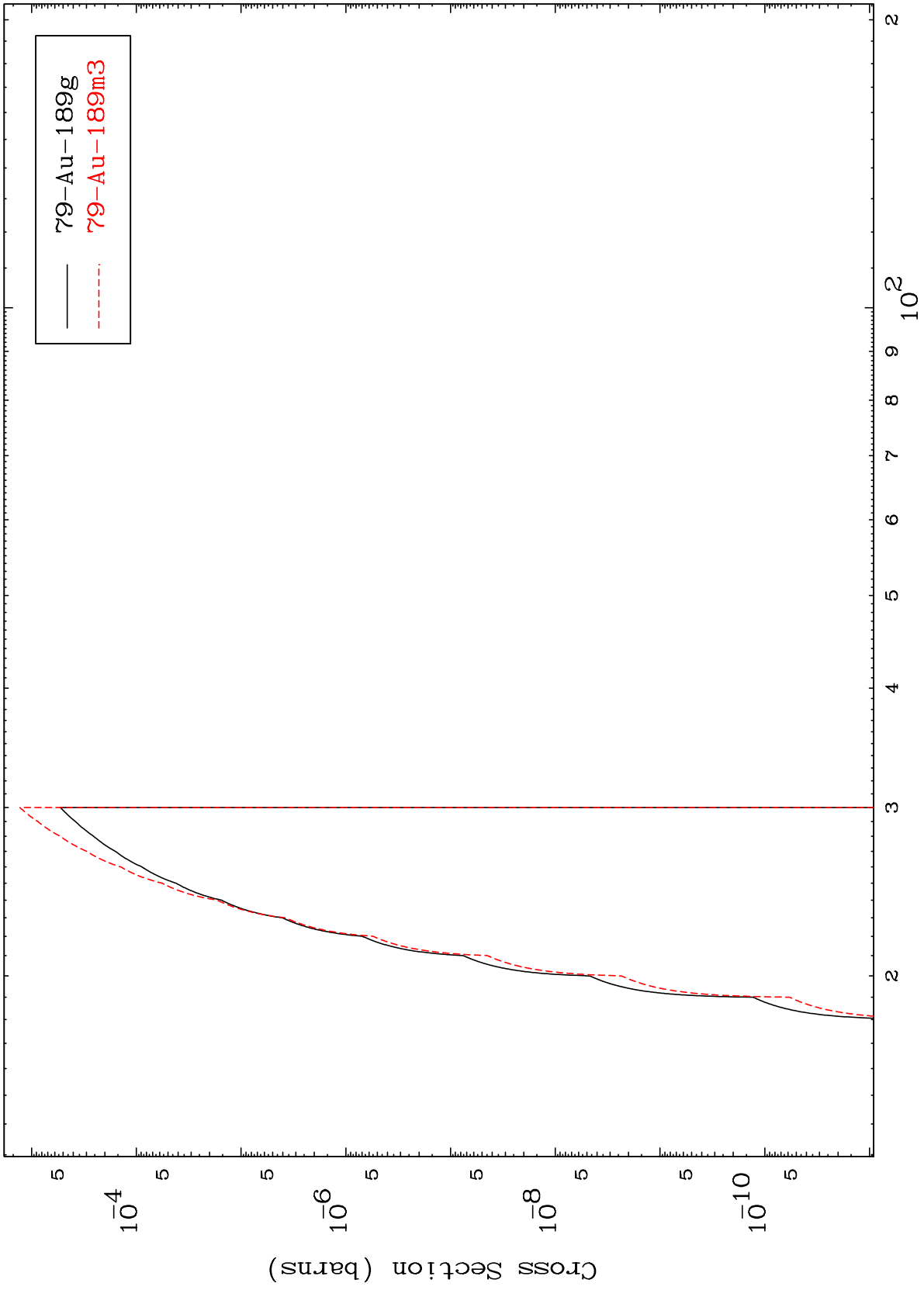
80-Hg-192

MAT 8013

(n,n') t

80-Hg-192

Radionuclide Production Cross Section



119

Incident Energy (MeV)

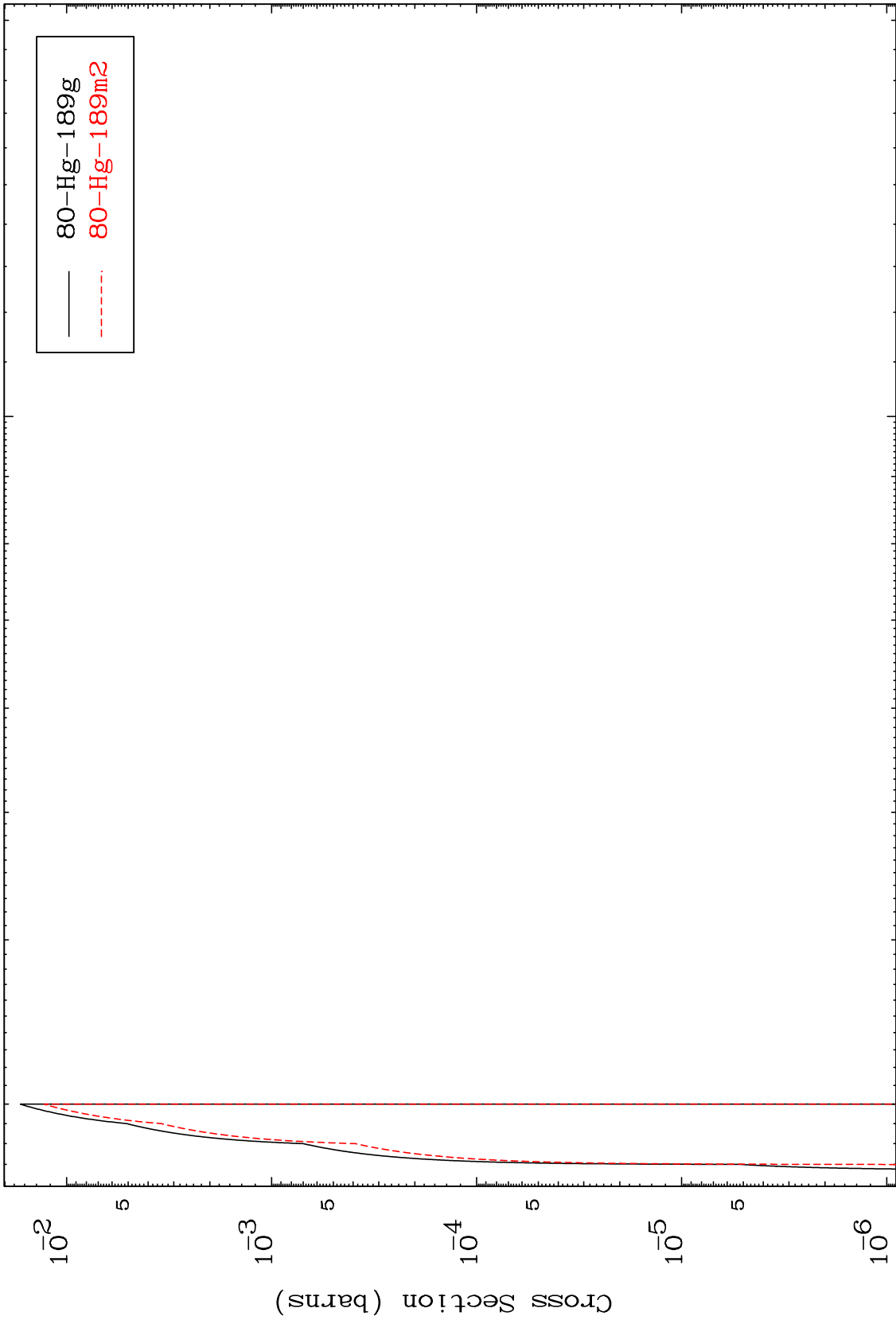
80-Hg-192

MAT 8013

(n,4n)

80-Hg-192

Radionuclide Production Cross Section



120

Incident Energy (MeV)

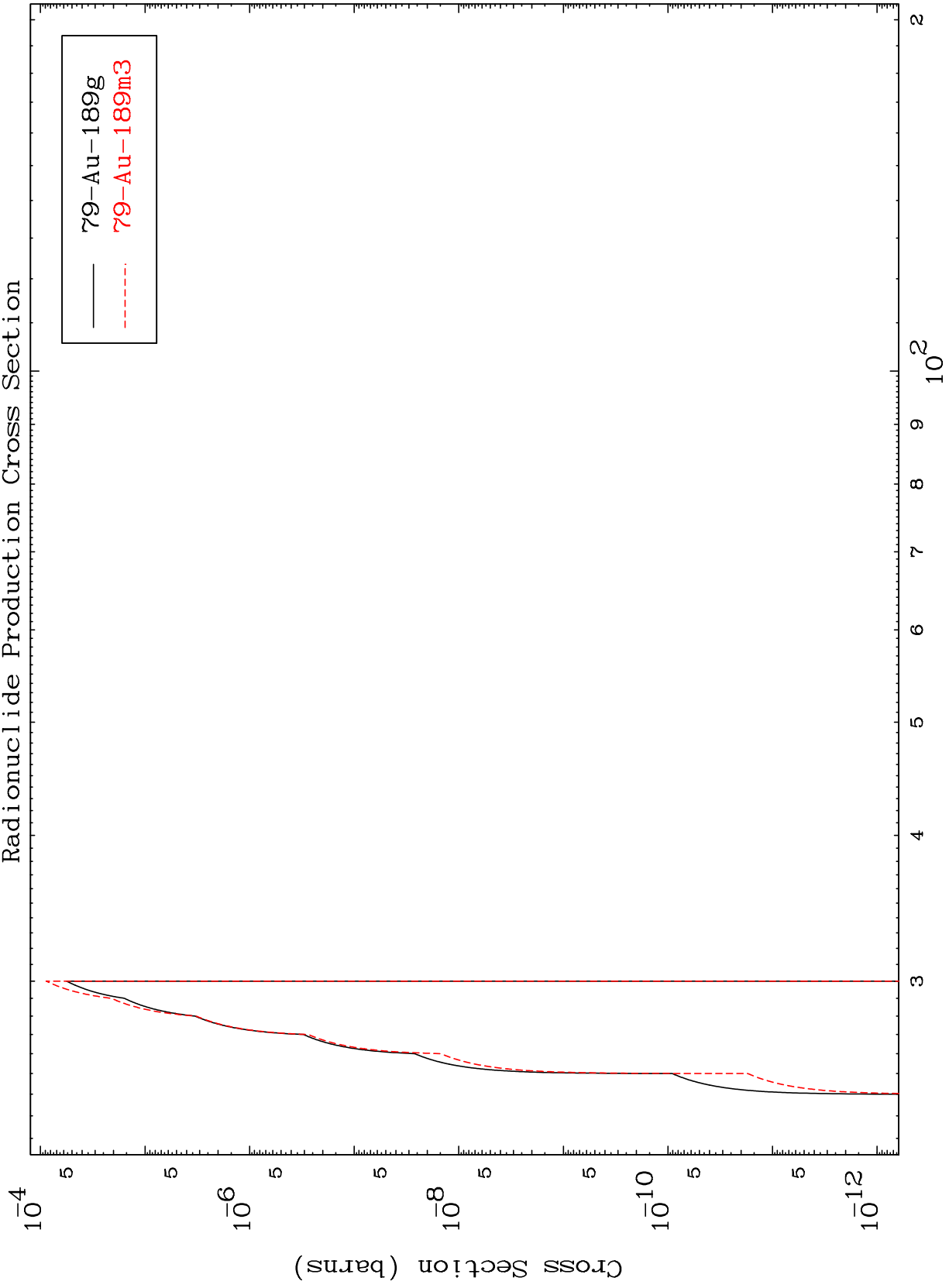
80-Hg-192

MAT 8013

(n,3n) p

80-Hg-192

Radionuclide Production Cross Section



121

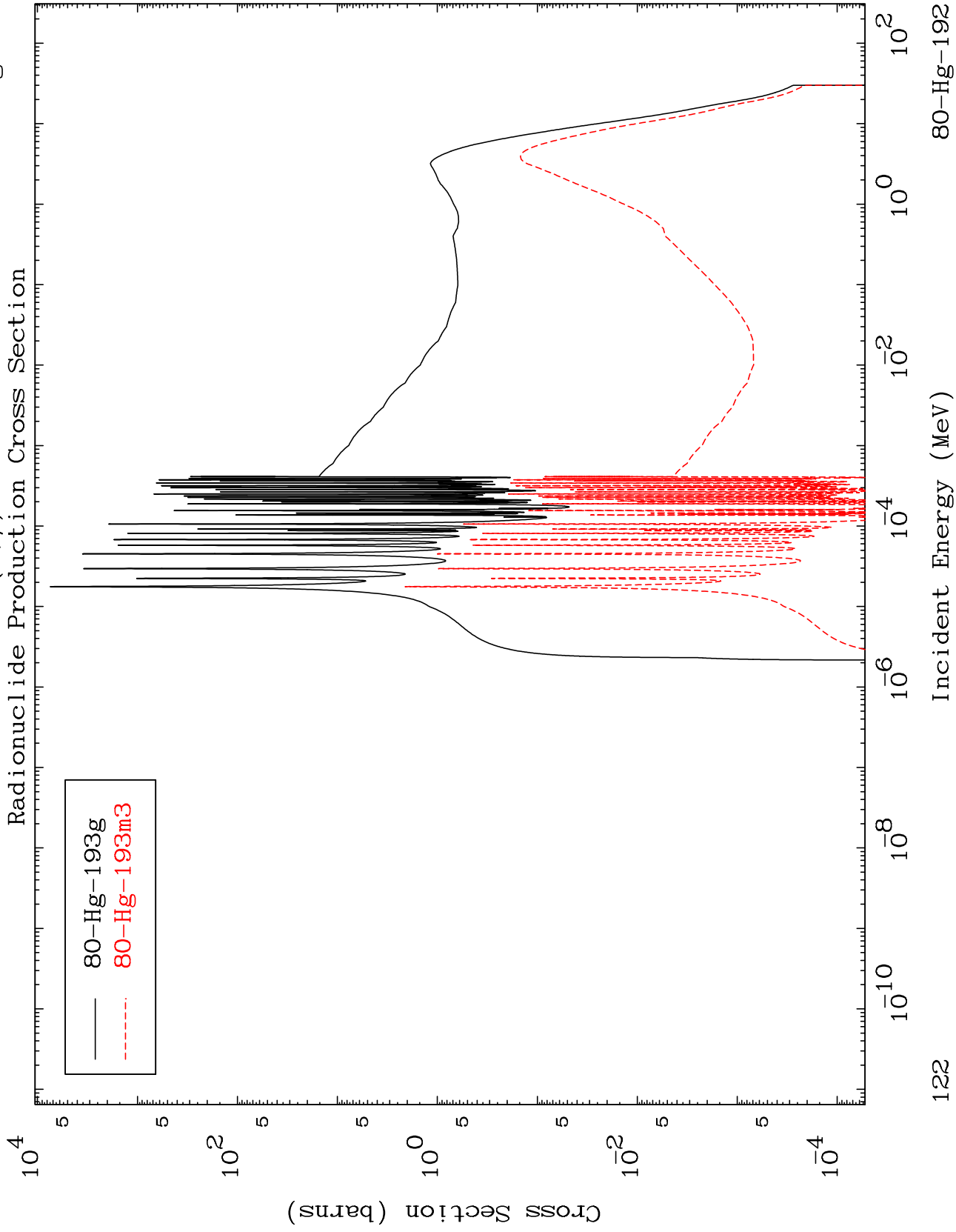
Incident Energy (MeV)

80-Hg-192

MAT 8013

(n,γ)
Radionuclide Production Cross Section

80-Hg-192

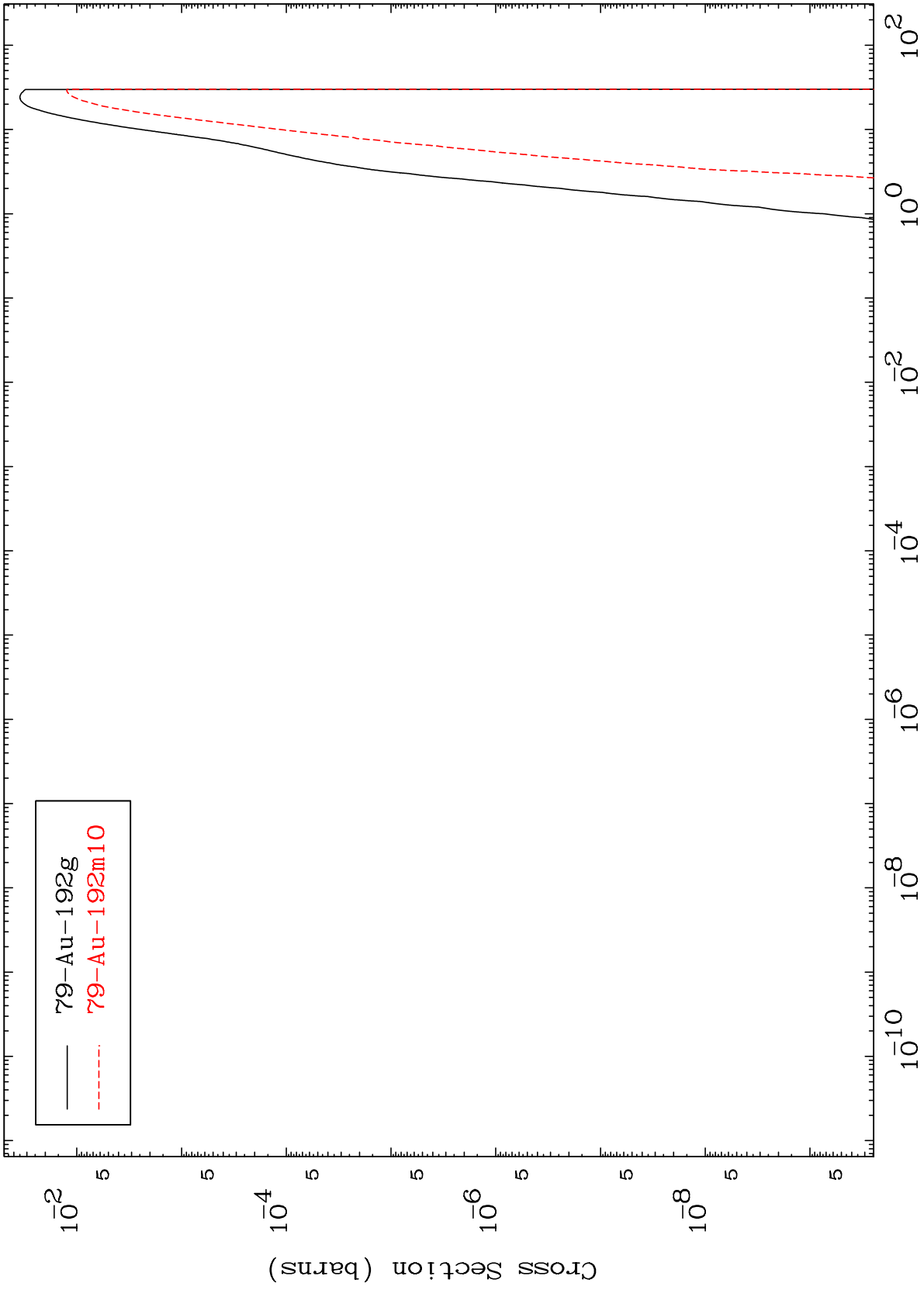


80-Hg-192

MAT 8013

(n,p)
Radionuclide Production Cross Section

80-Hg-192



123

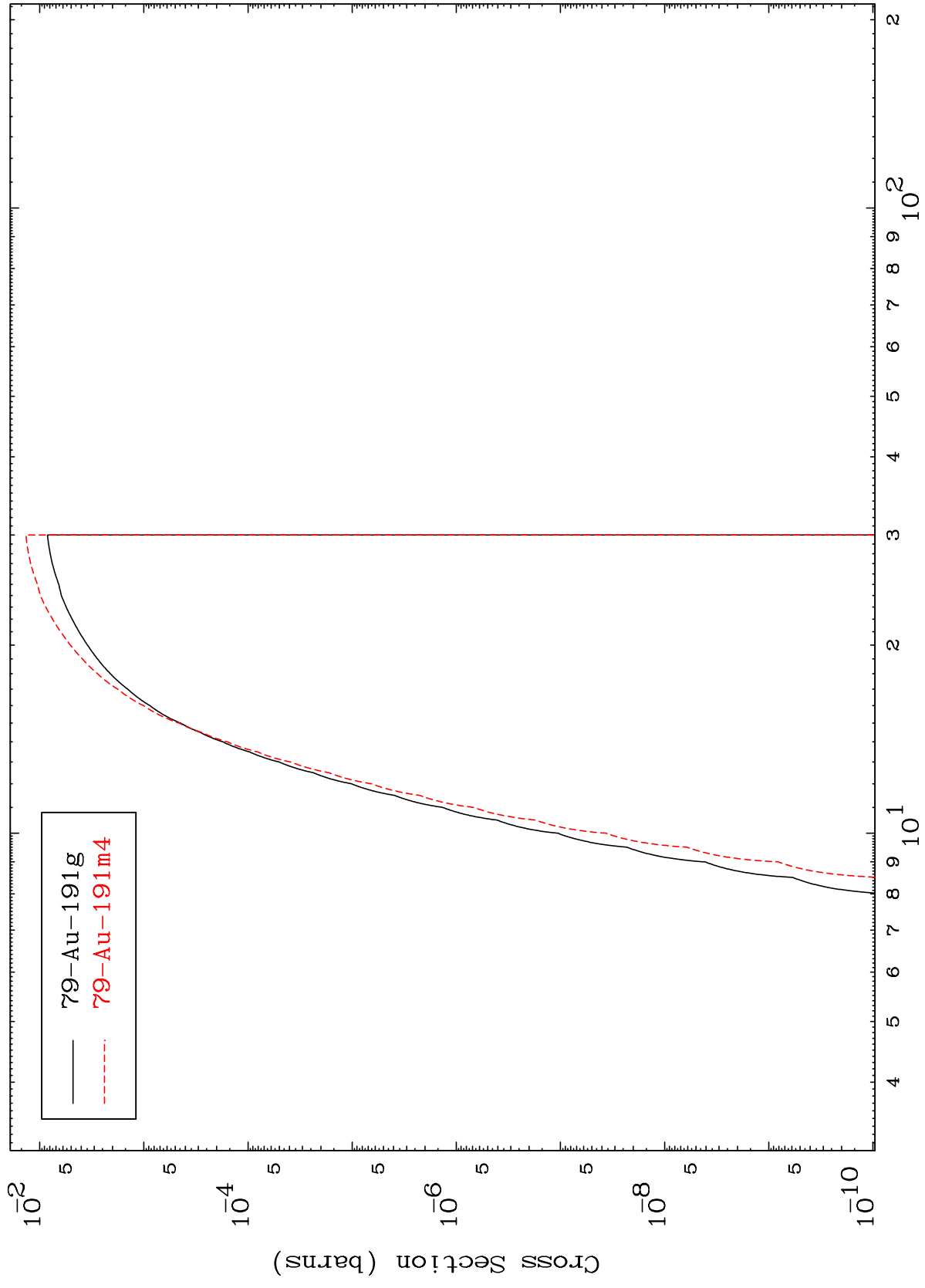
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(n,d)
Radionuclide Production Cross Section



124

80-Hg-192

Incident Energy (MeV)