

Program EVALPLOT
(Version 2018-1)

by

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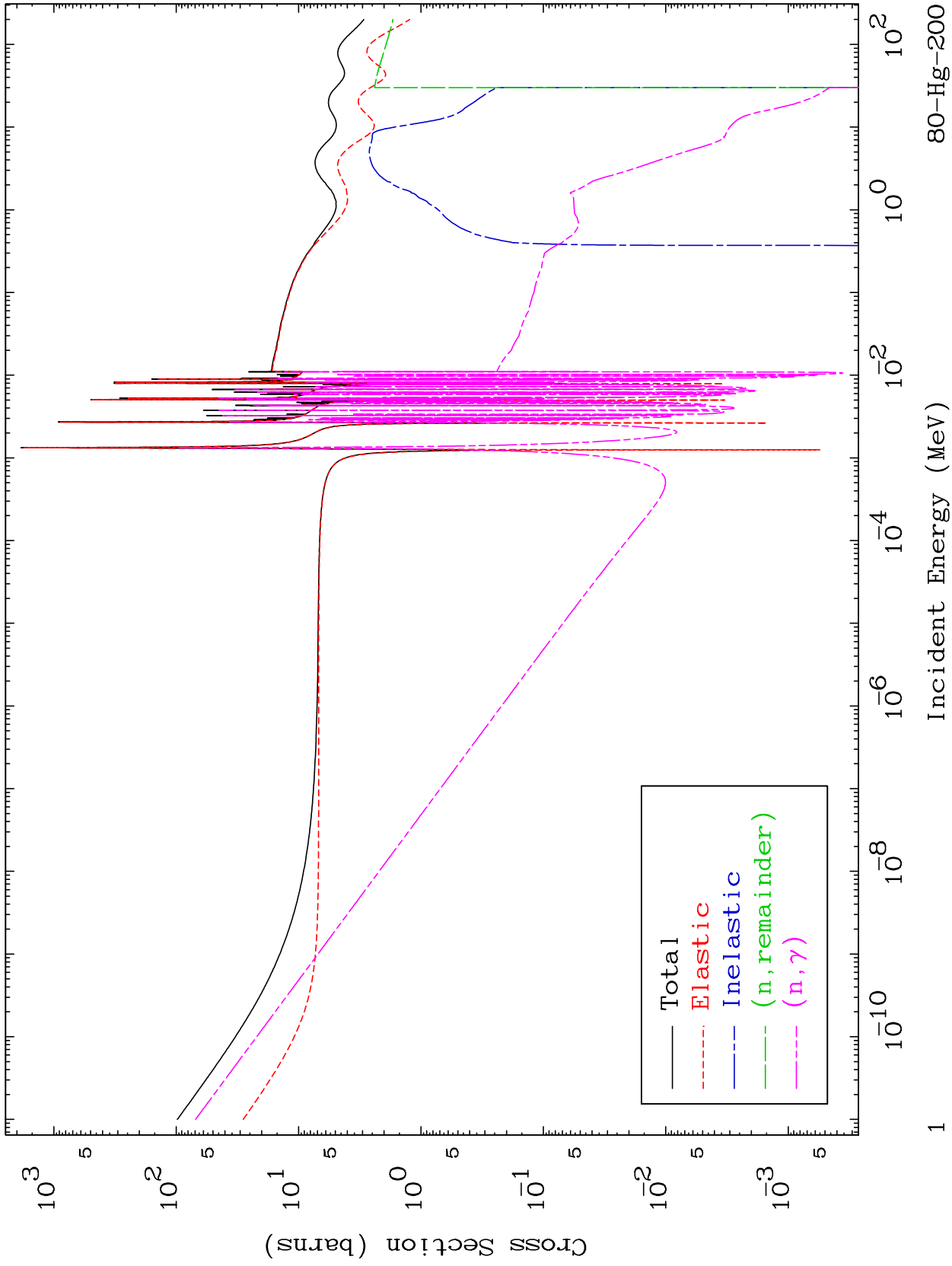
Press Mouse Button to Start

MAT 8037

Major

293 Kelvin Cross Sections

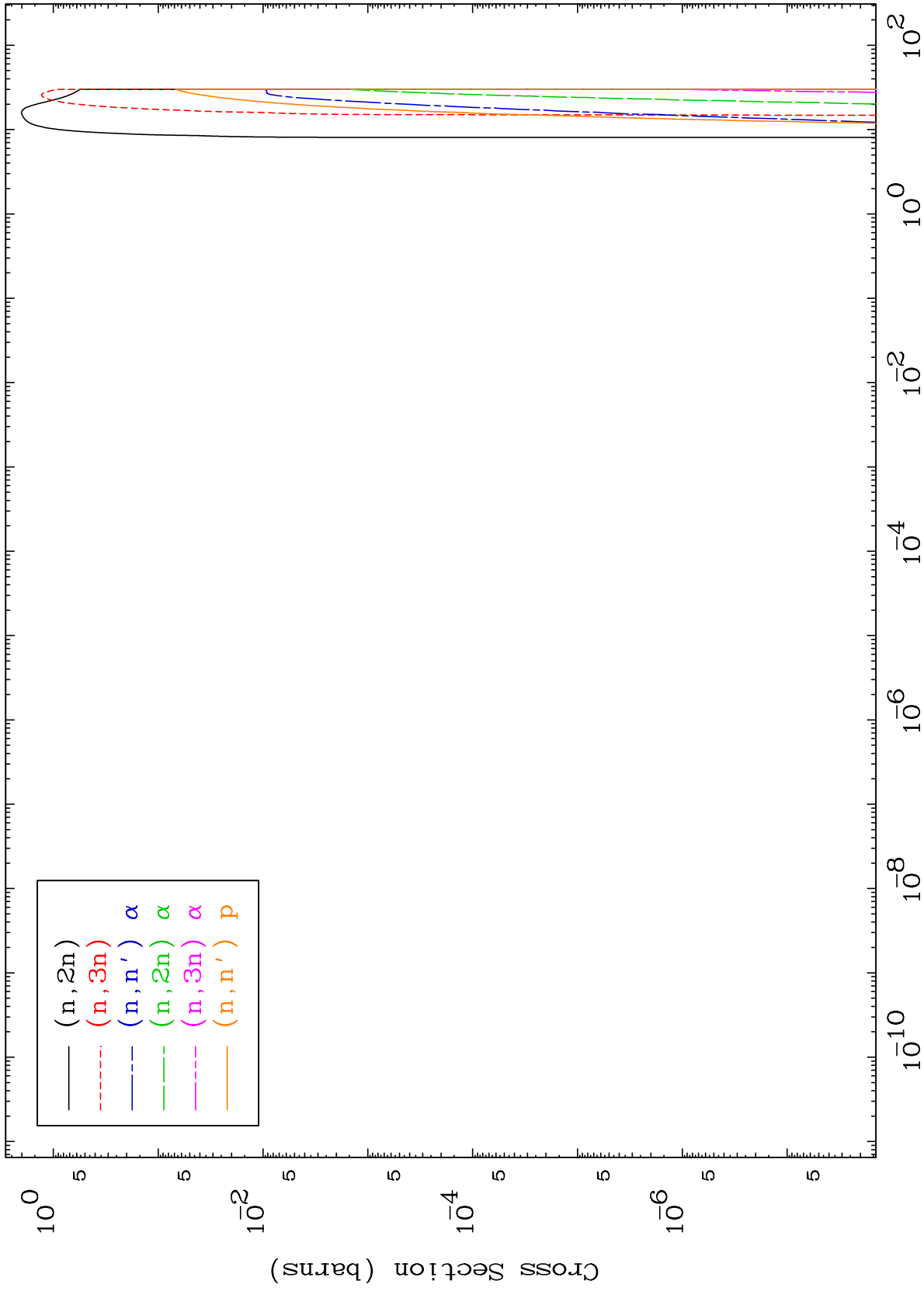
80-Hg-200



MAT 8037

Neutron Production
293 Kelvin Cross Sections

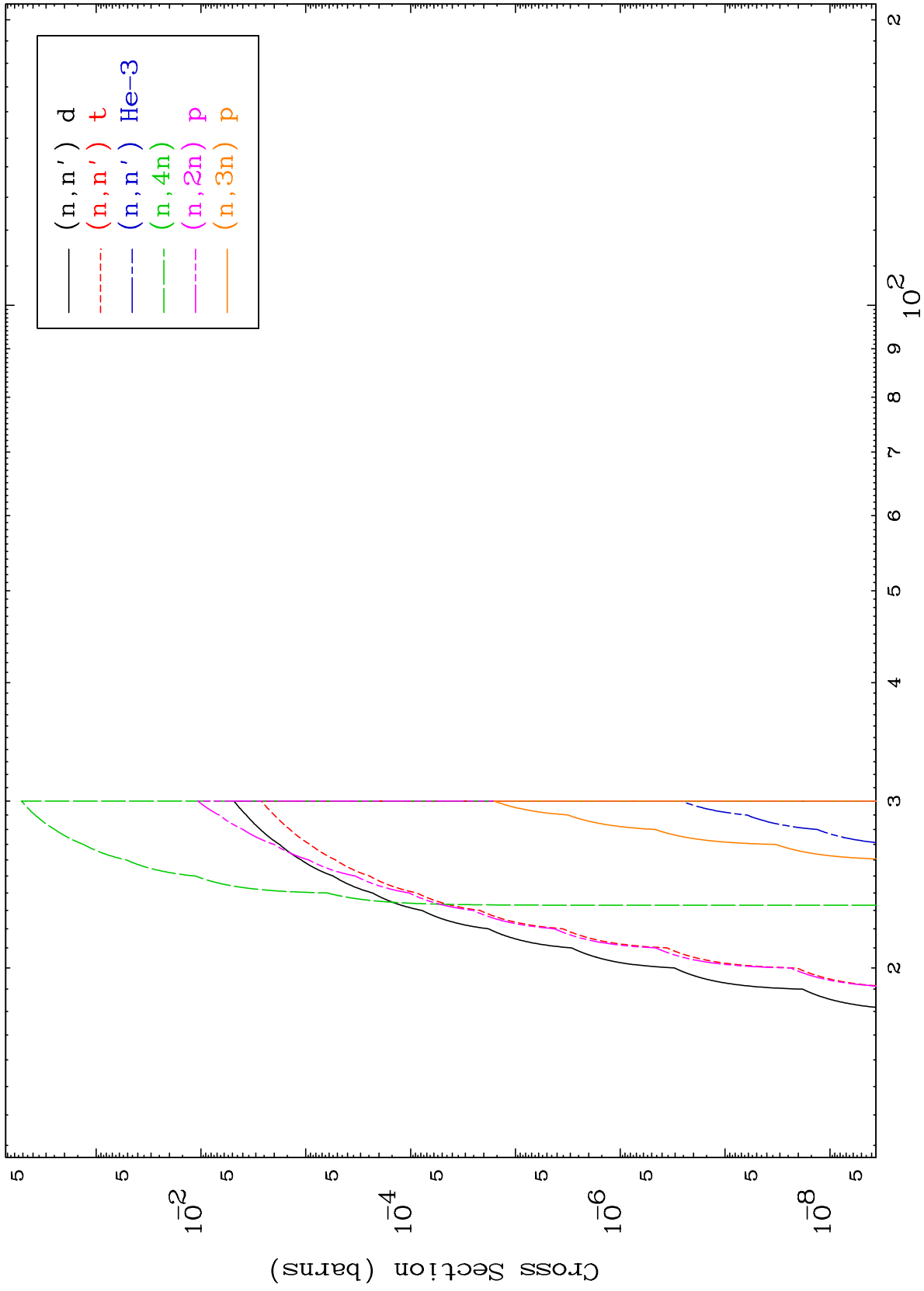
80-Hg-200



MAT 8037

Neutron Production
293 Kelvin Cross Sections

80-Hg-200



3

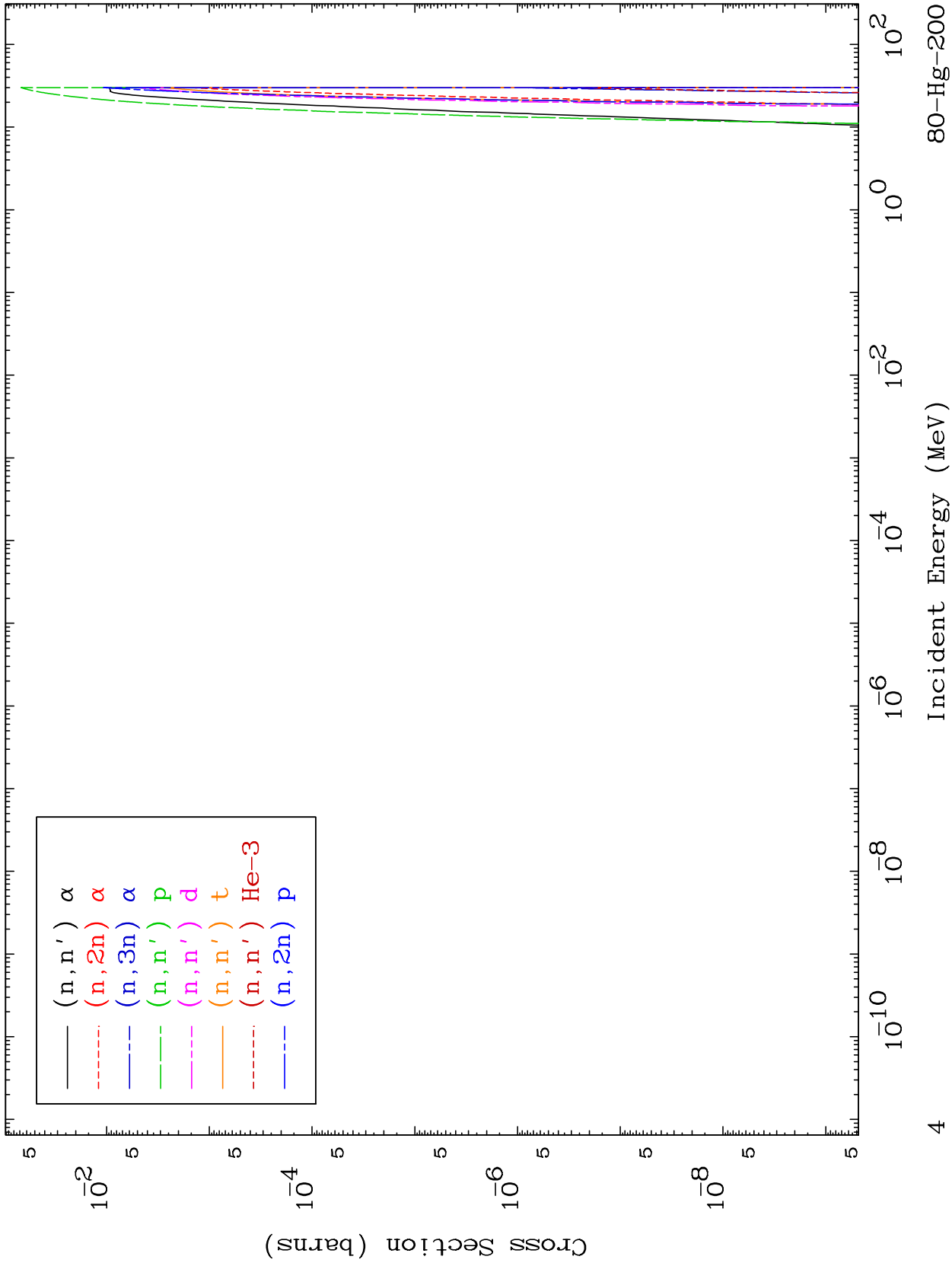
Incident Energy (MeV)

80-Hg-200

MAT 8037

293 Kelvin Cross Sections

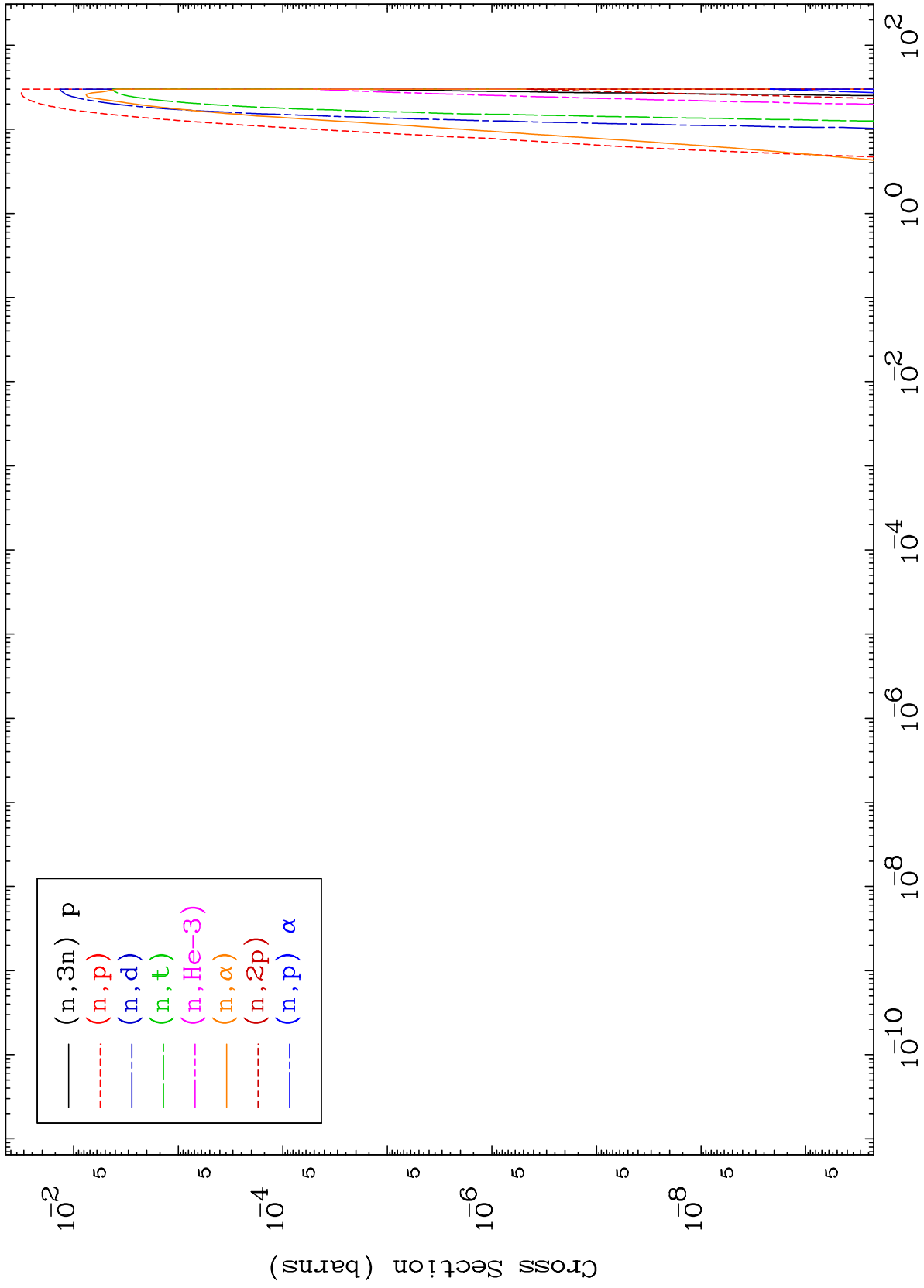
80-Hg-200



MAT 8037

Charged Particle
293 Kelvin Cross Sections

80-Hg-200



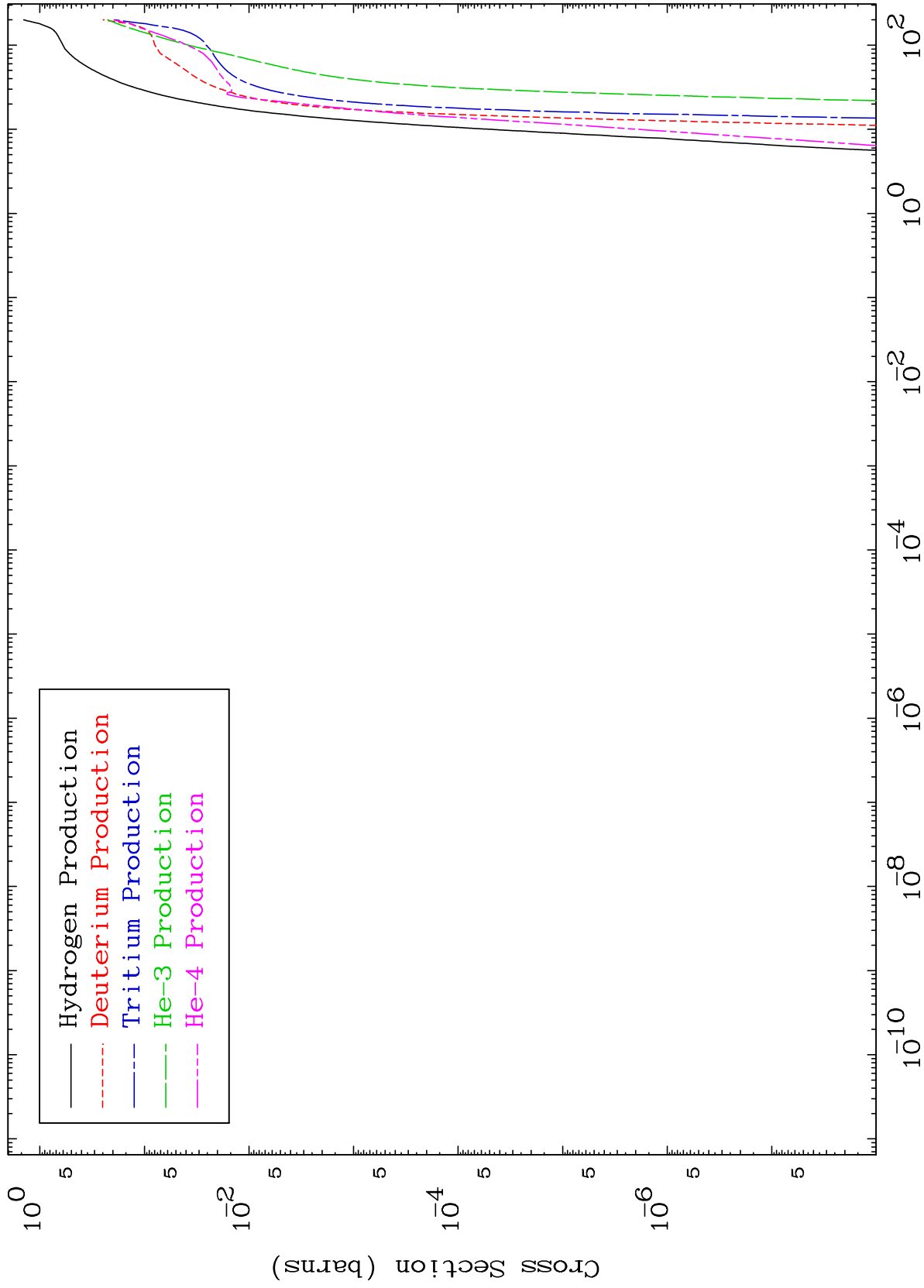
5

80-Hg-200

MAT 8037

Particle Production
293 Kelvin Cross Sections

80-Hg-200

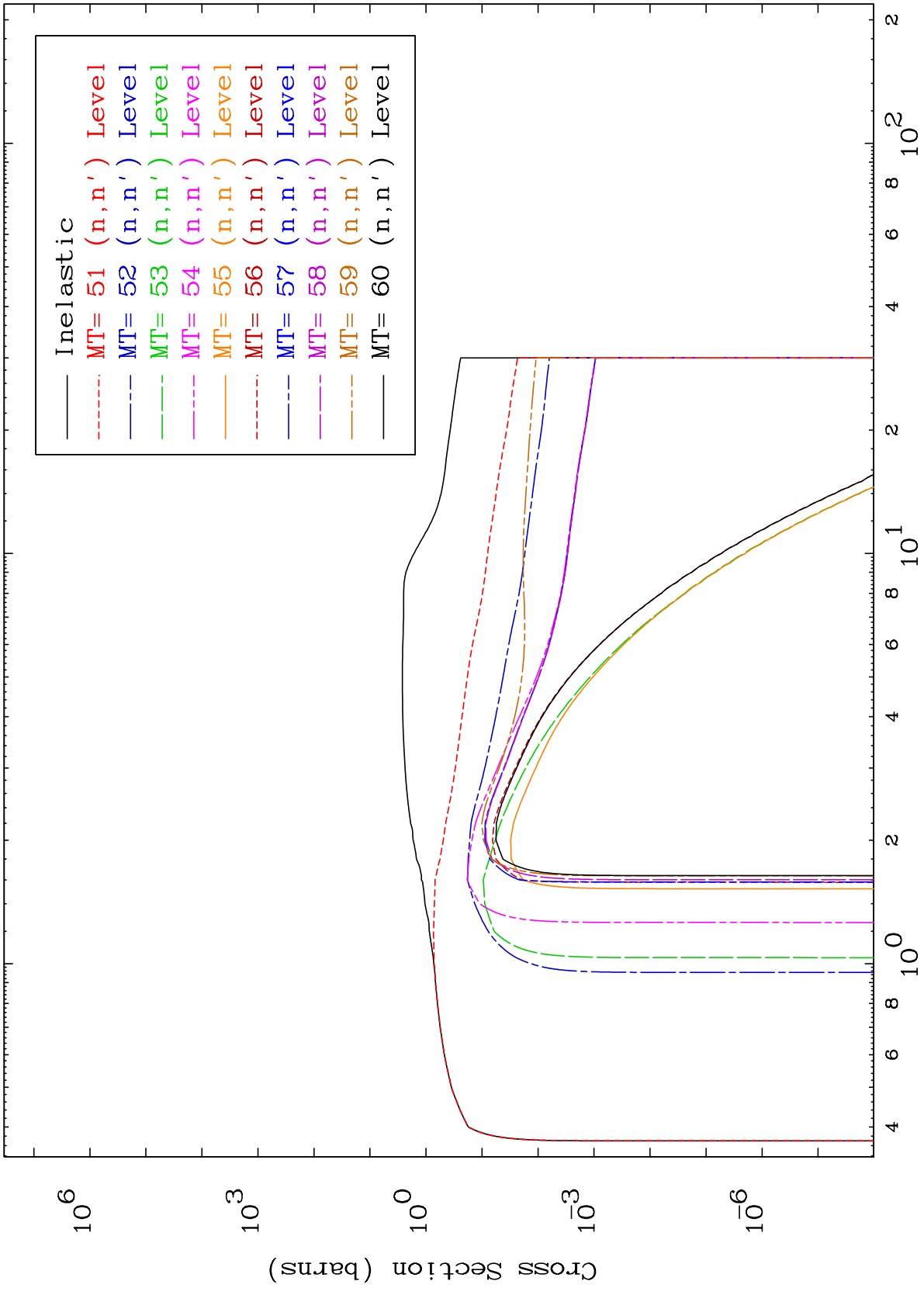


MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections

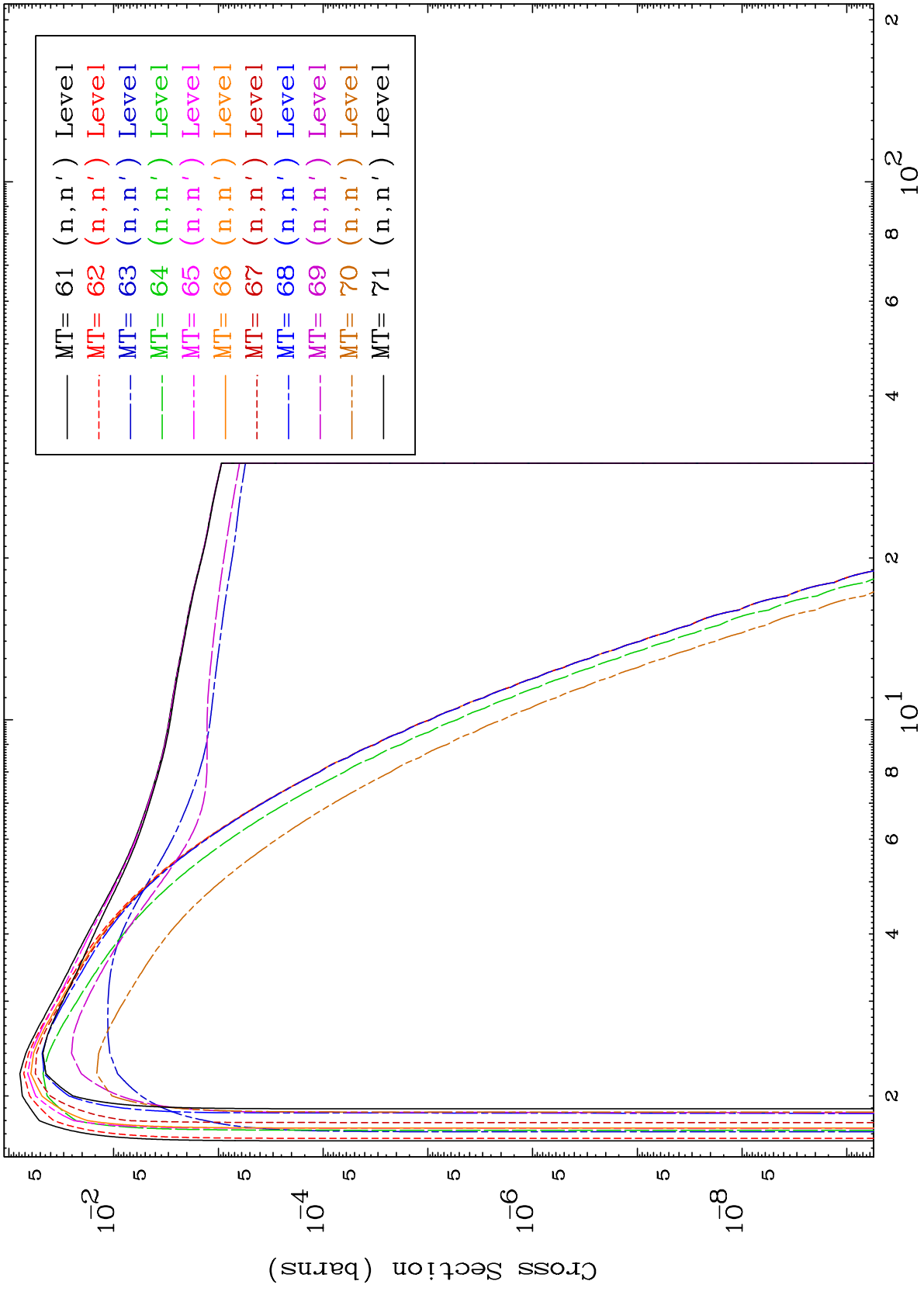


MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections



8

Incident Energy (MeV)

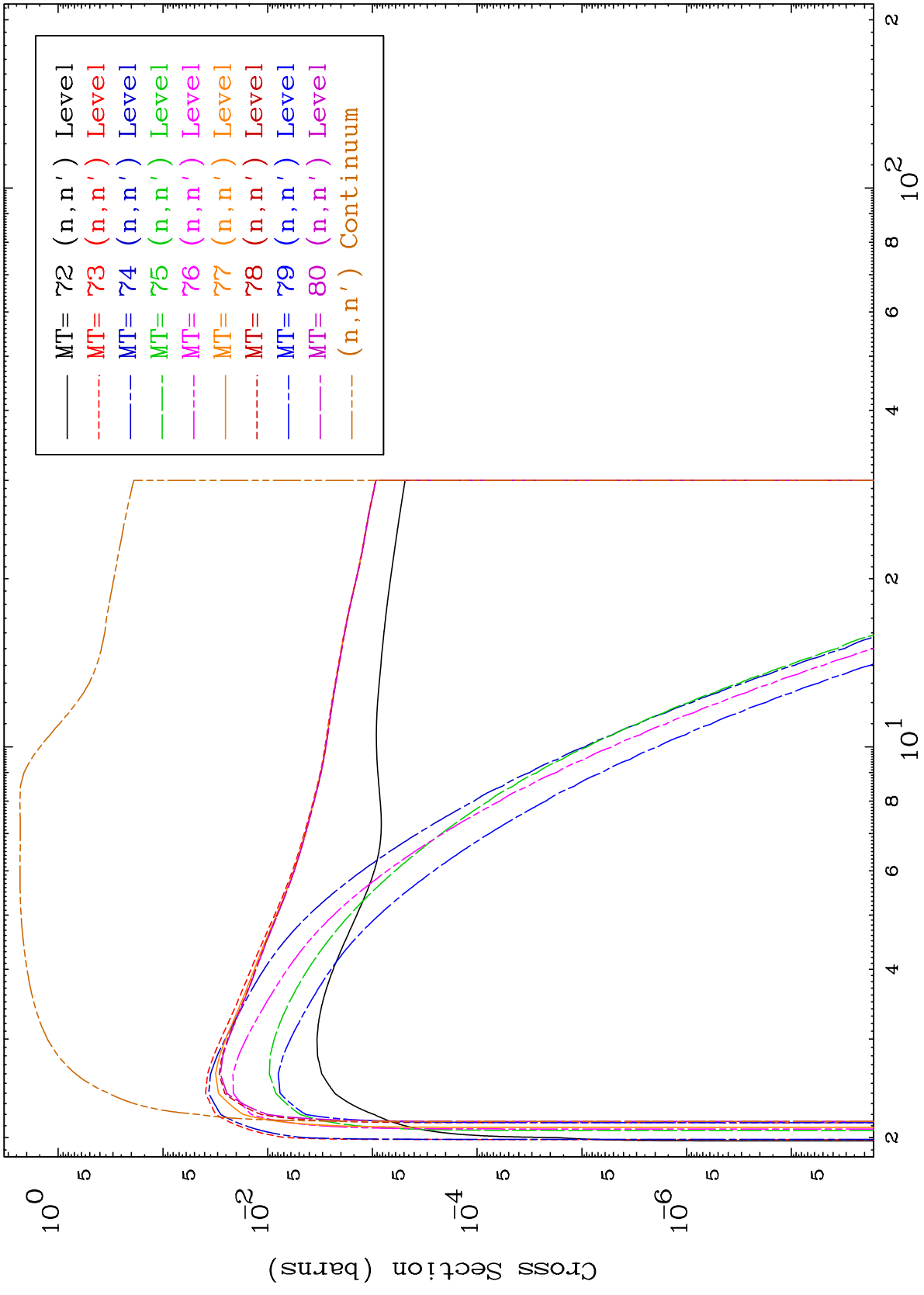
80-Hg-200

MAT 8037

(n,n') Level

80-Hg-200

293 Kelvin Cross Sections



9

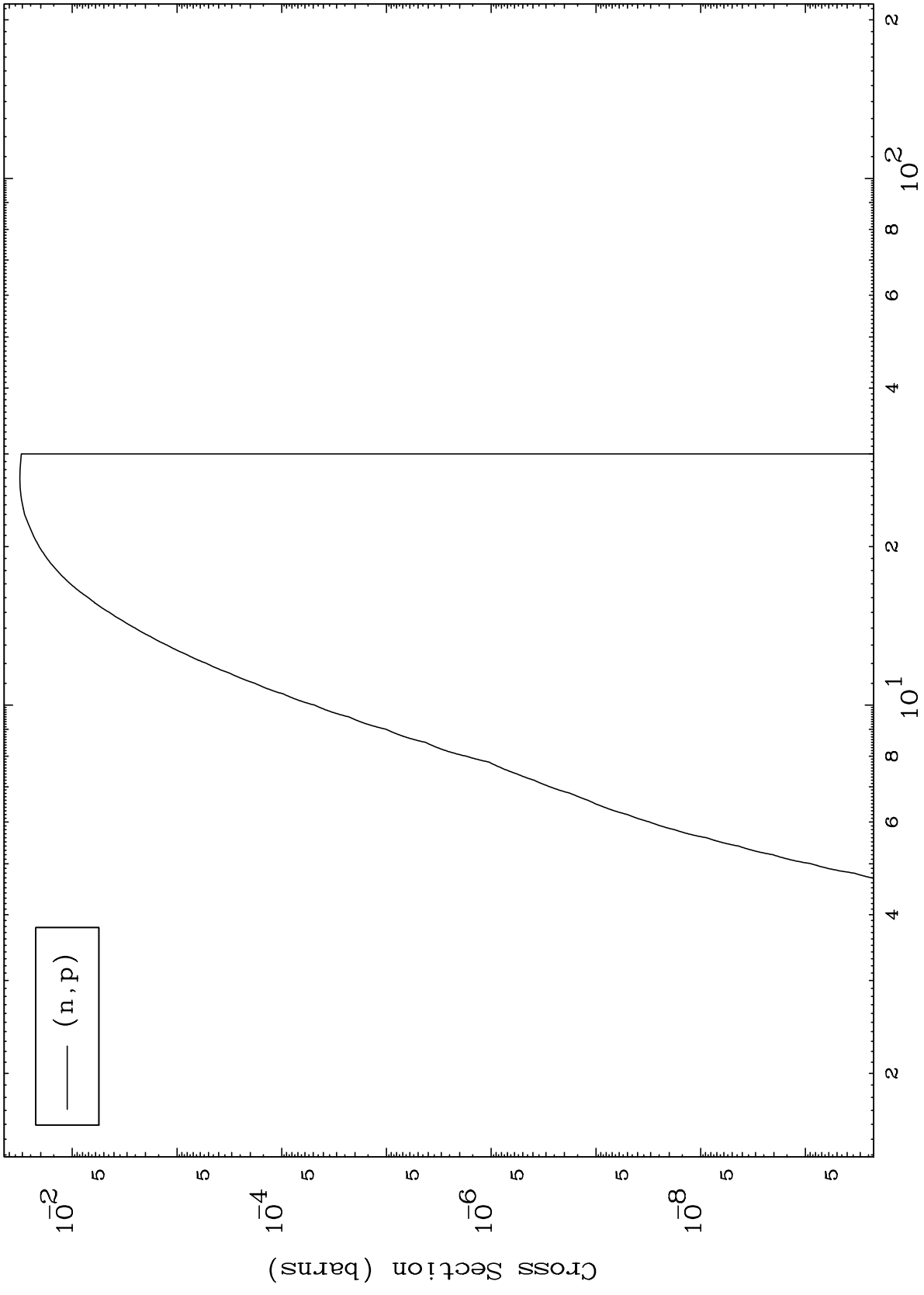
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-200



10

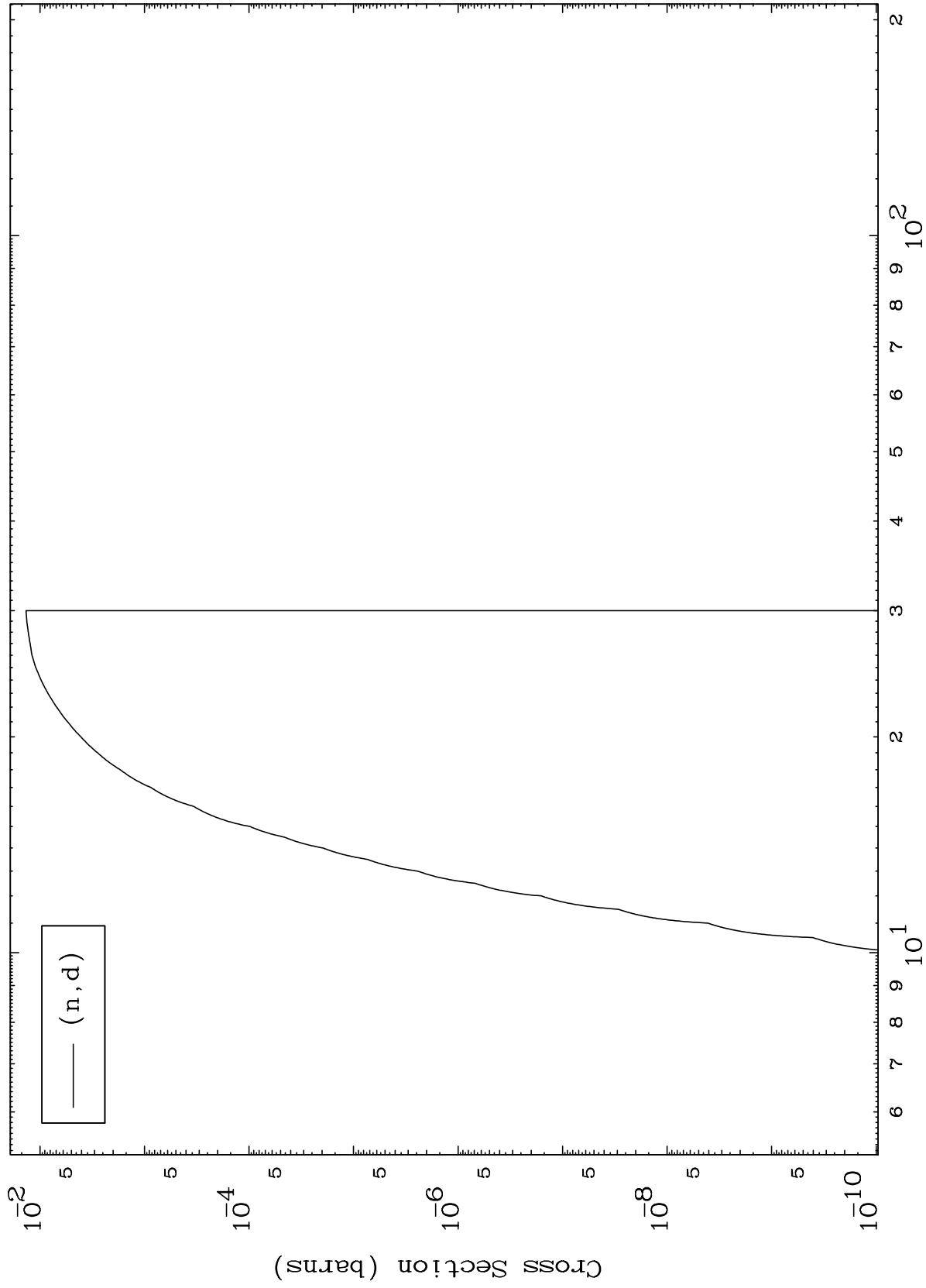
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-200



11

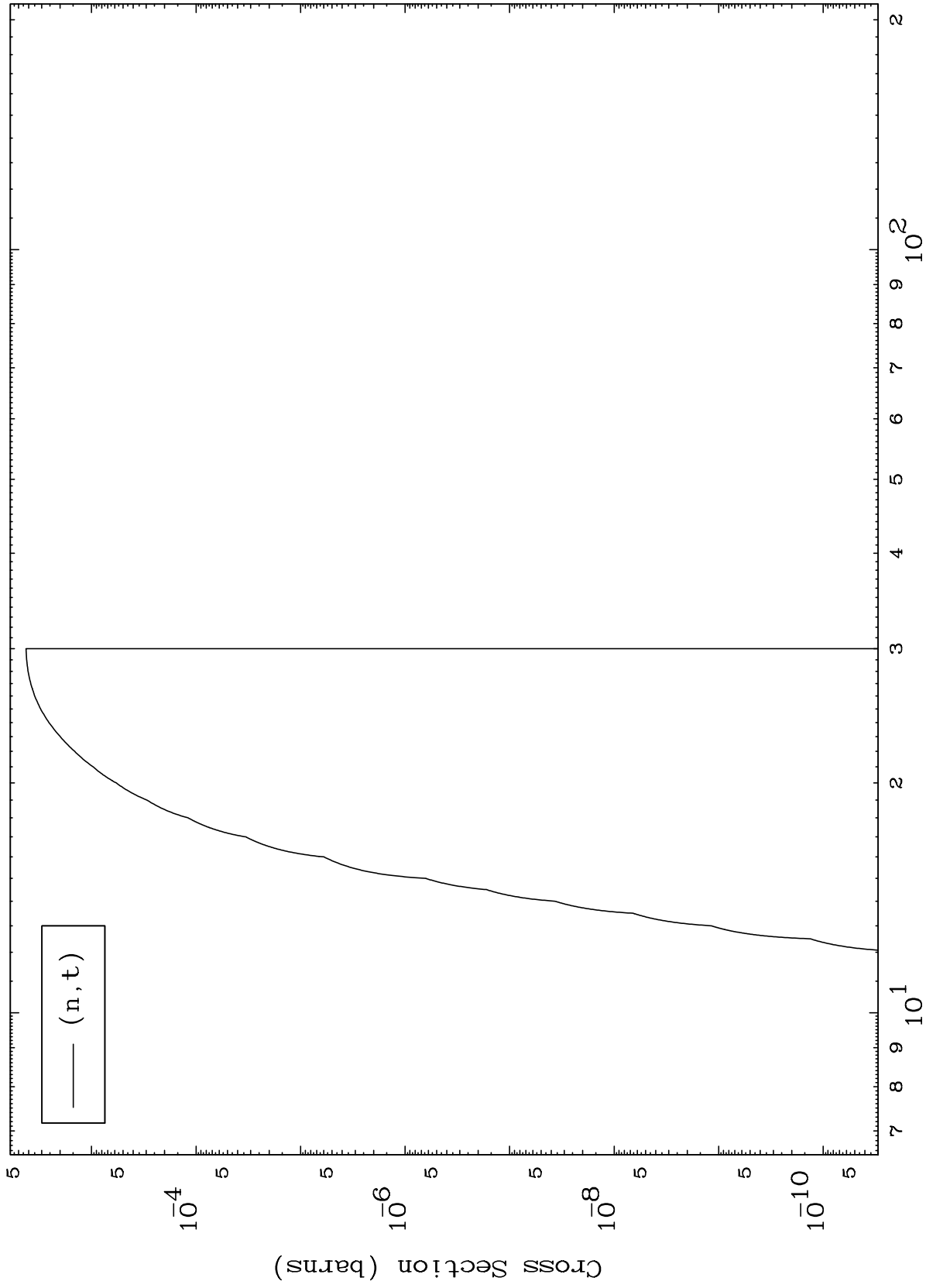
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-200



12

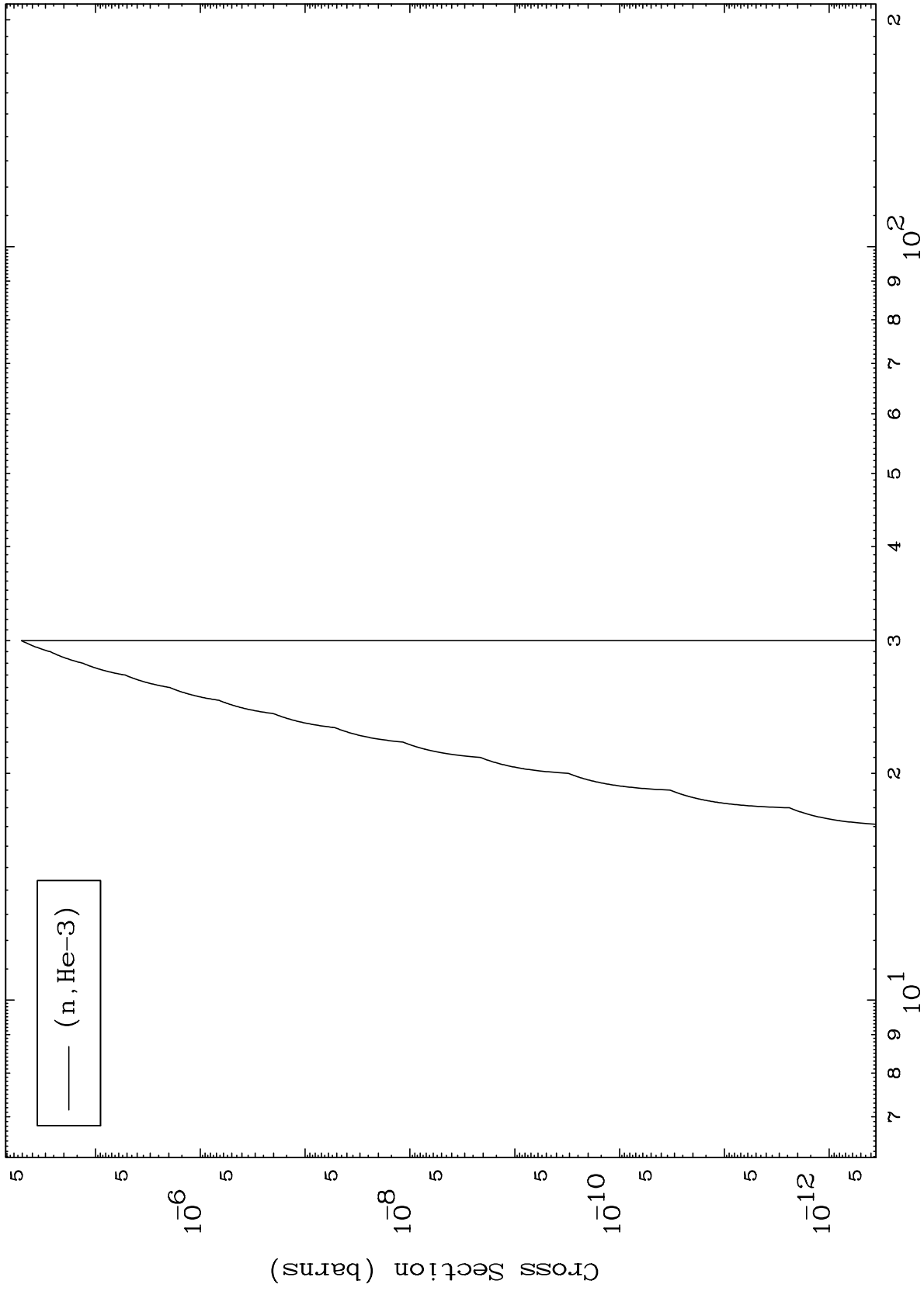
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-200



13

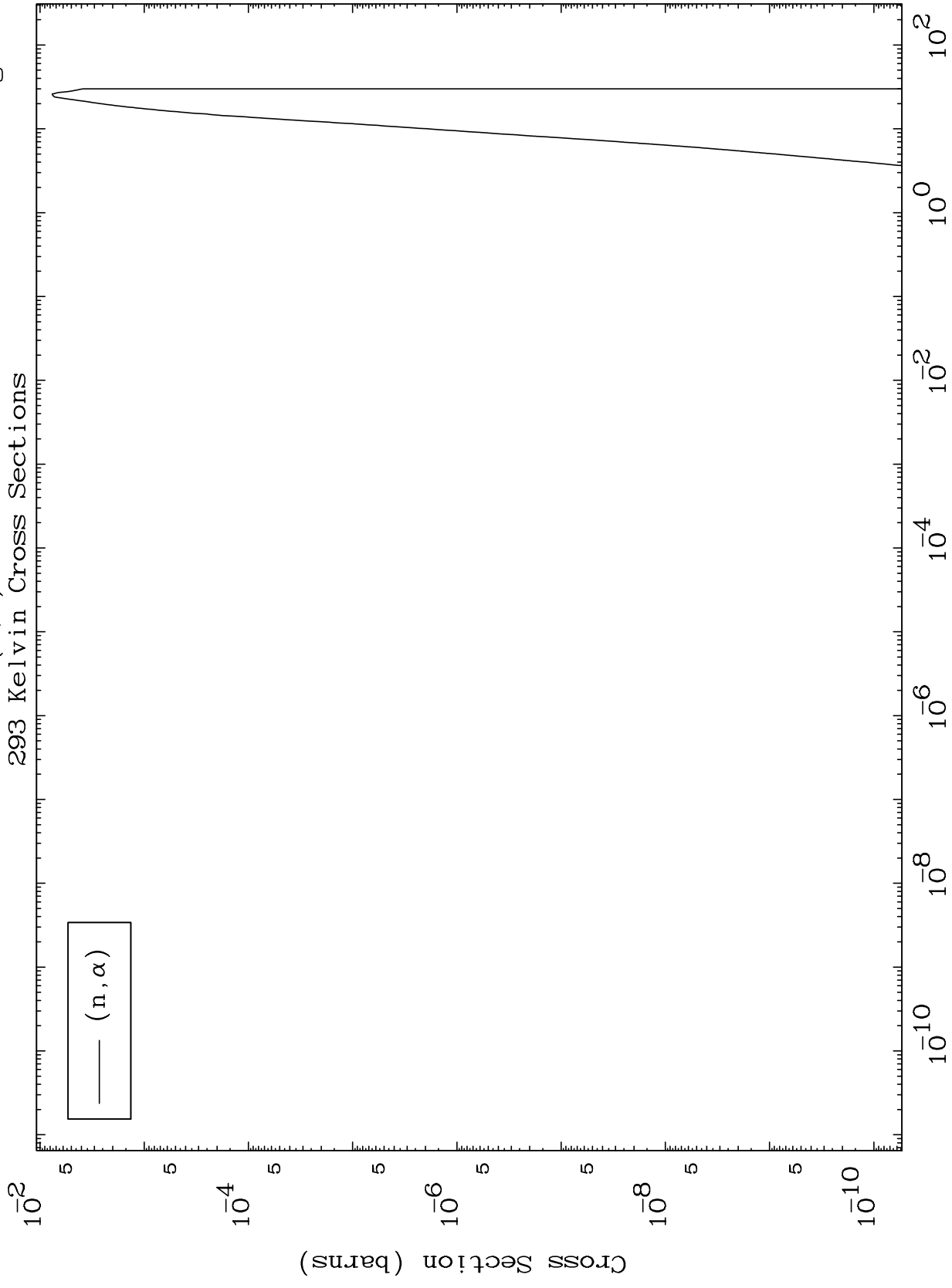
Incident Energy (MeV)

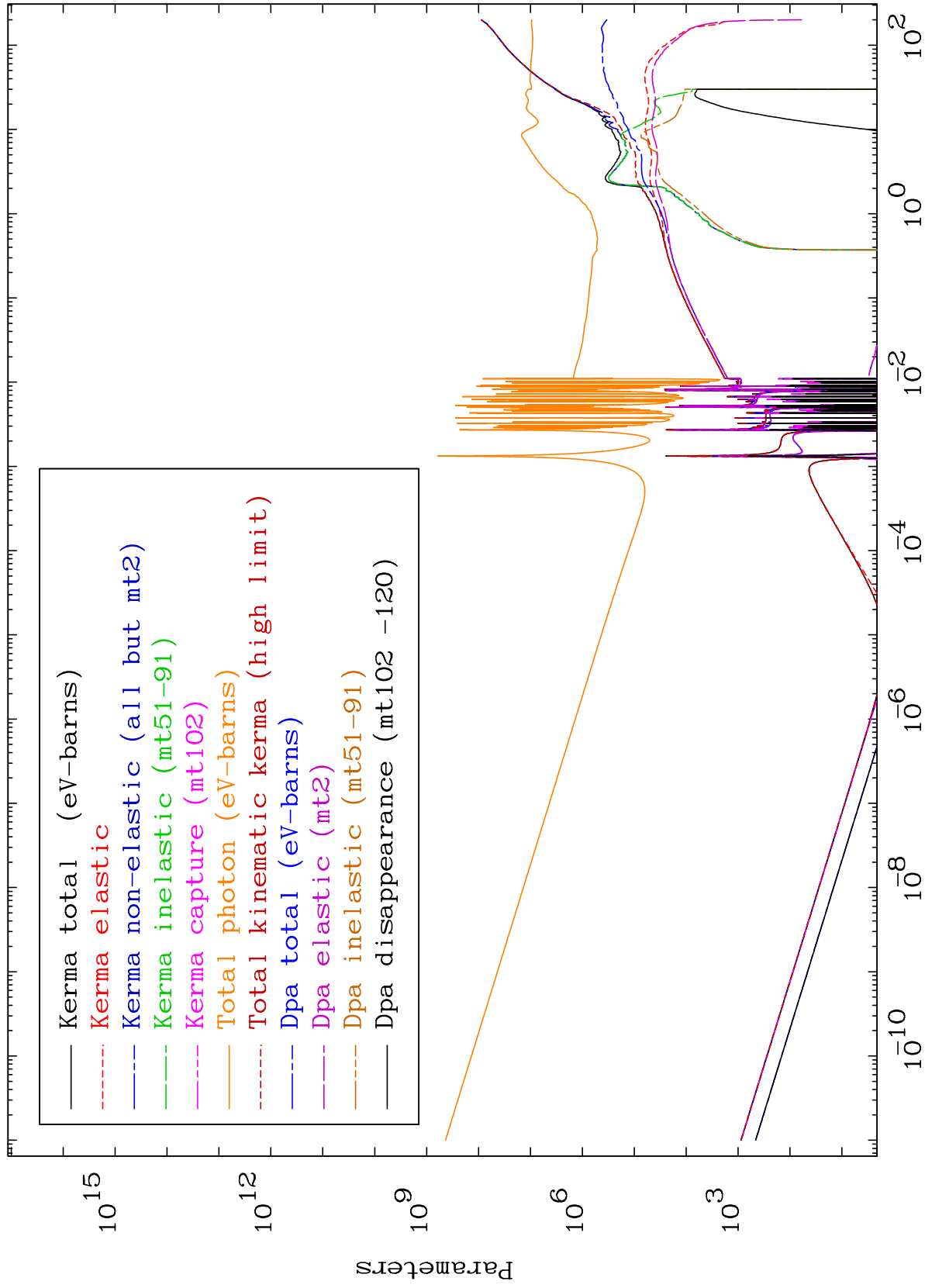
80-Hg-200

MAT 8037

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-200

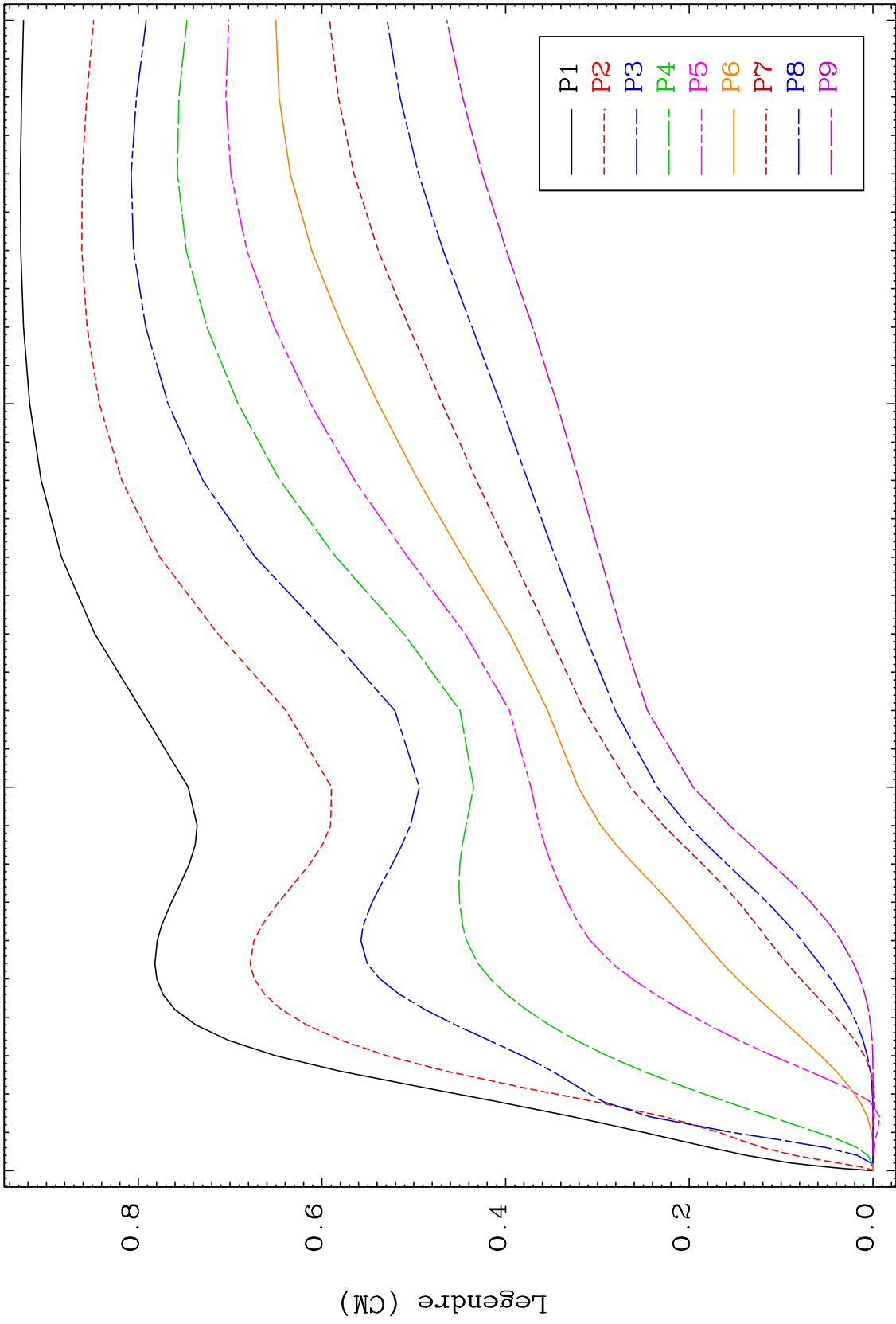




MAT 8037

Elastic Legendre Coefficients

80-Hg-200



16

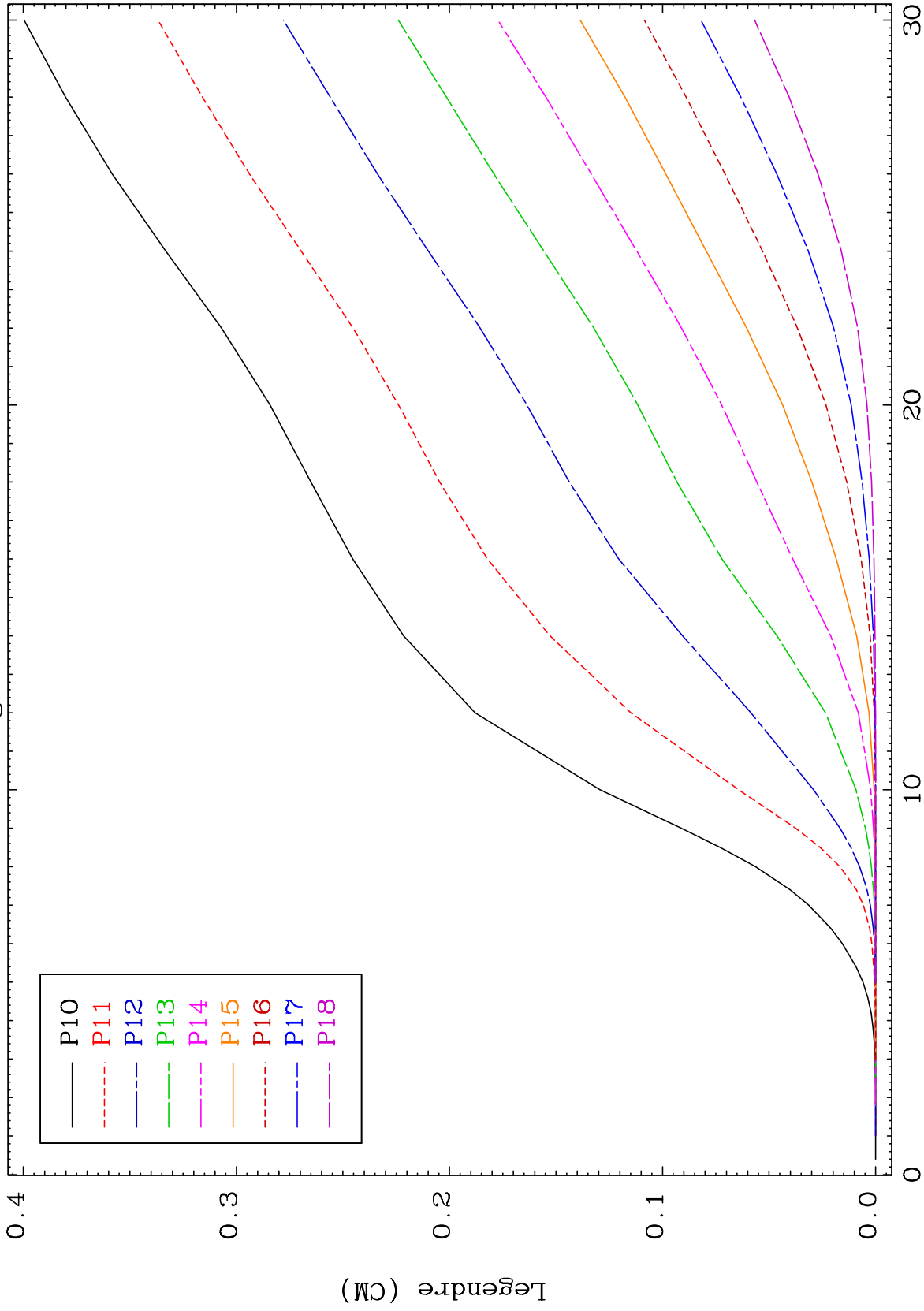
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

80-Hg-200



17

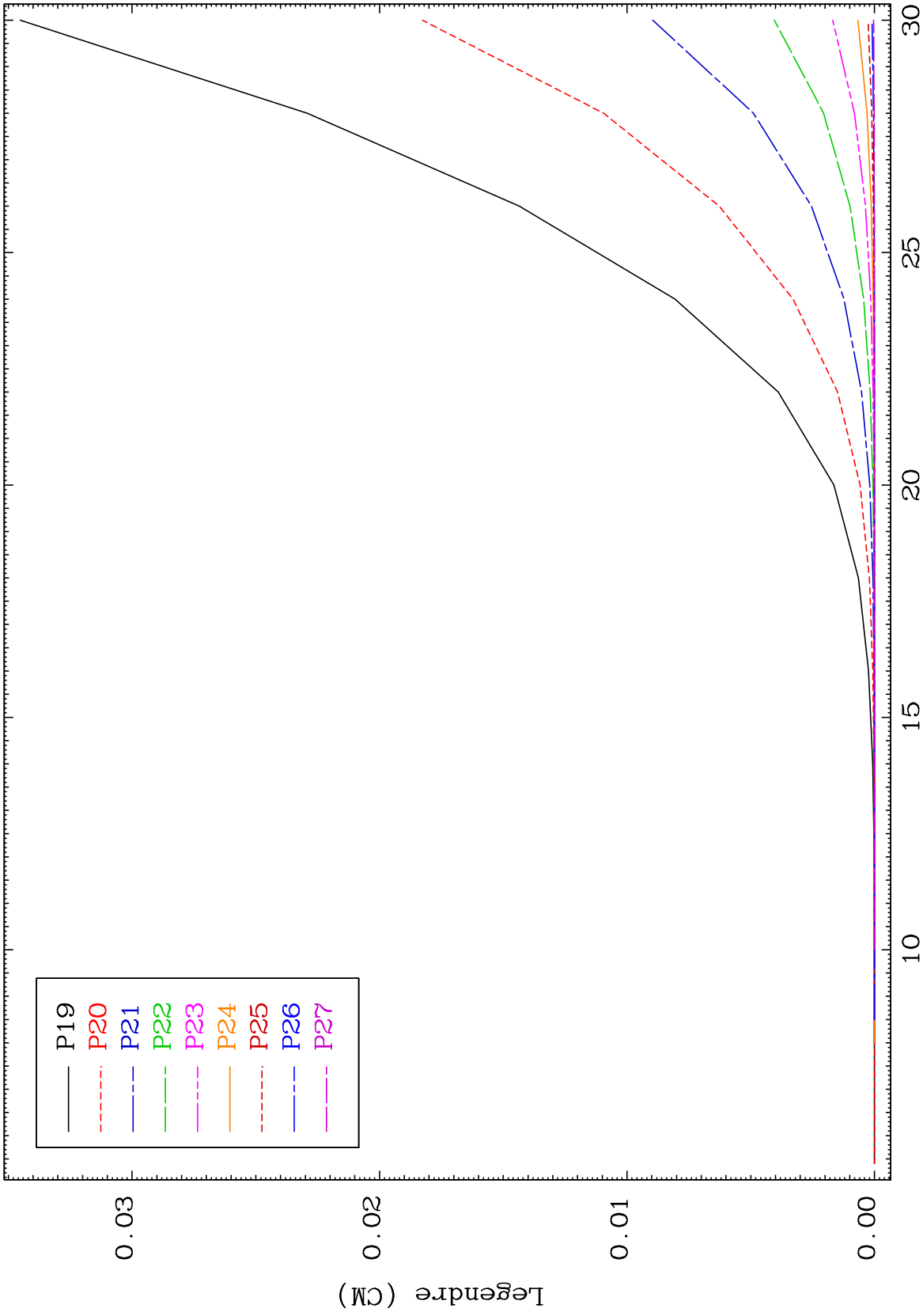
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

80-Hg-200



18

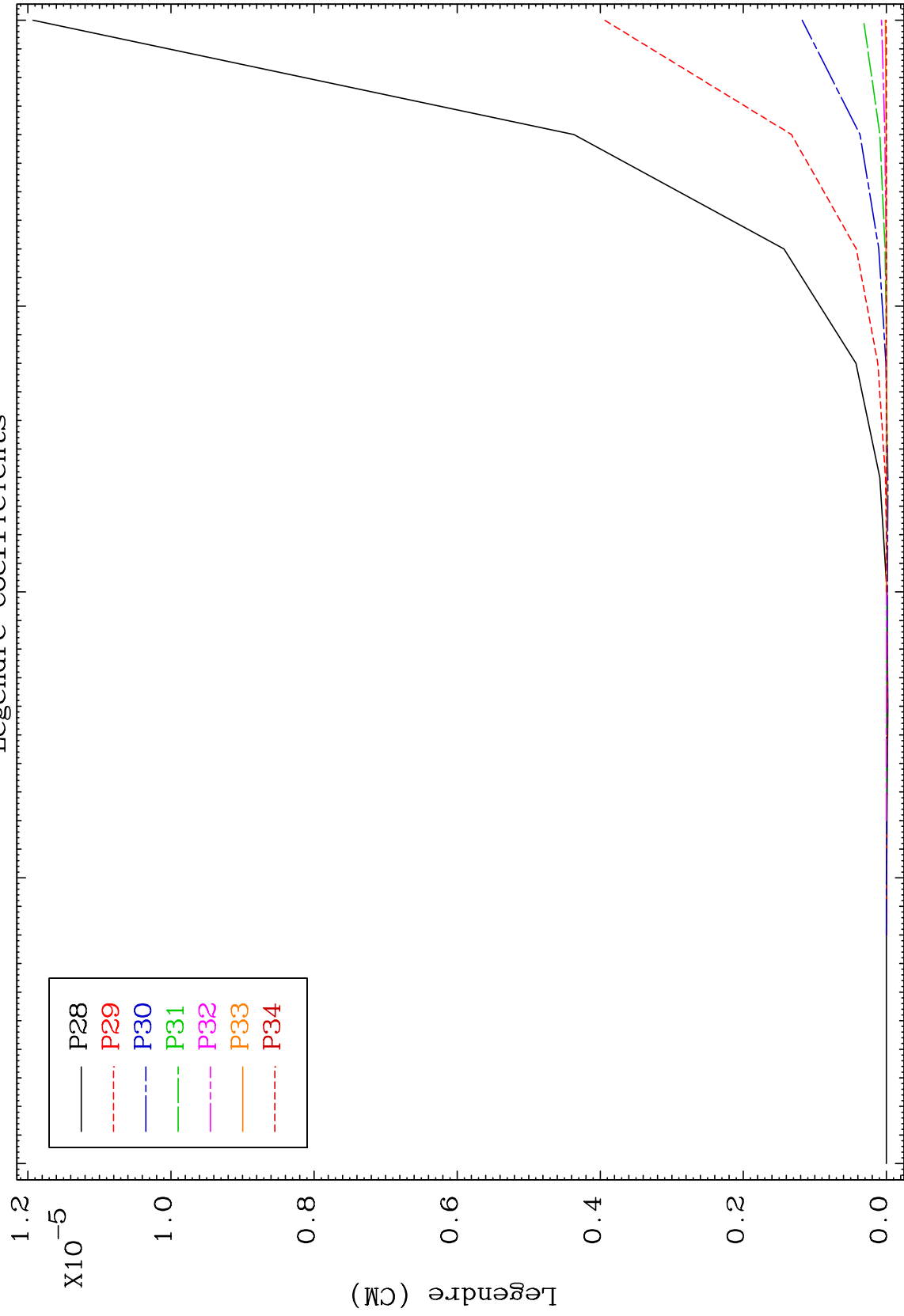
Incident Energy (MeV)

80-Hg-200

MAT 8037

Elastic Legendre Coefficients

80-Hg-200



19

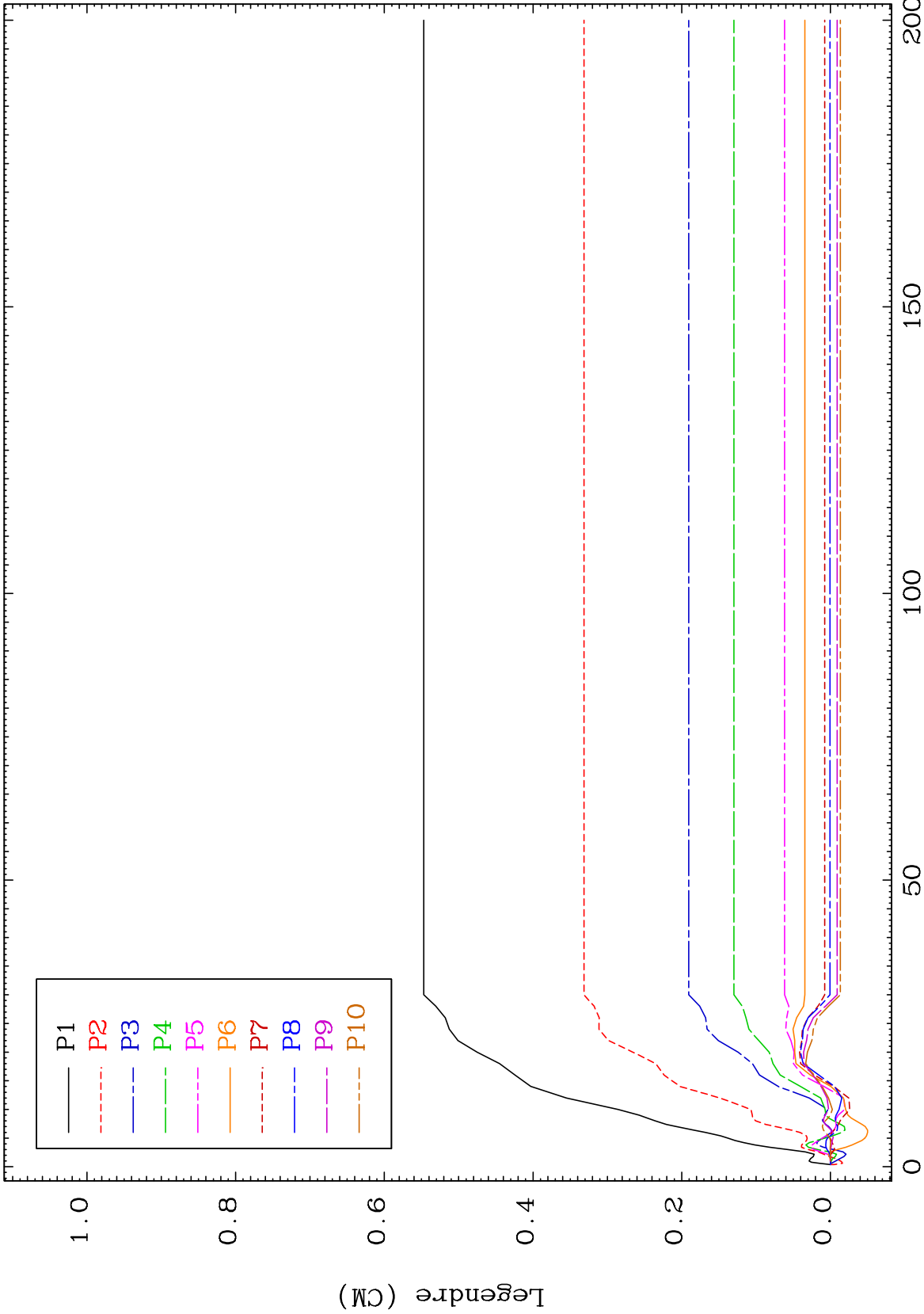
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



20

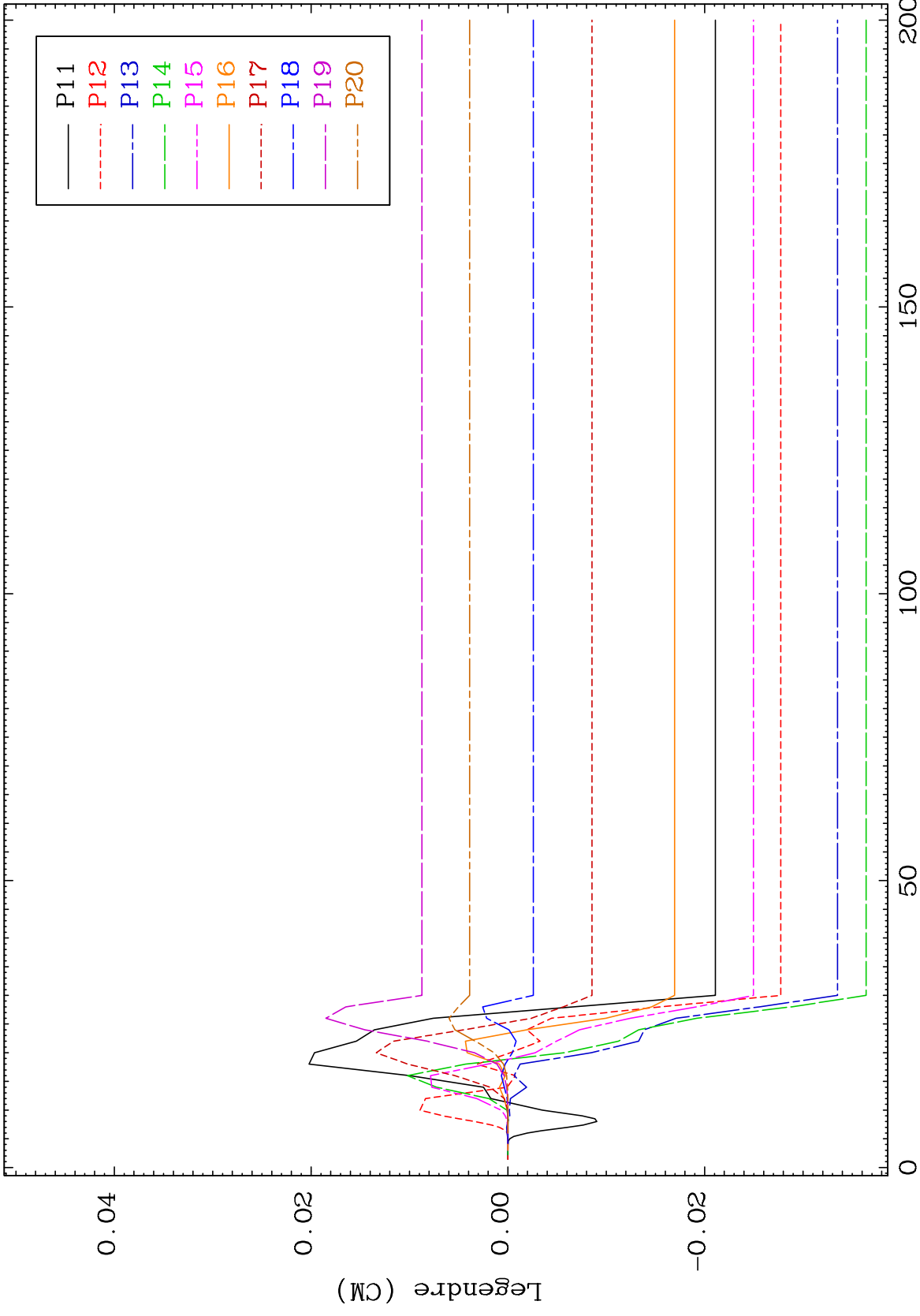
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



21

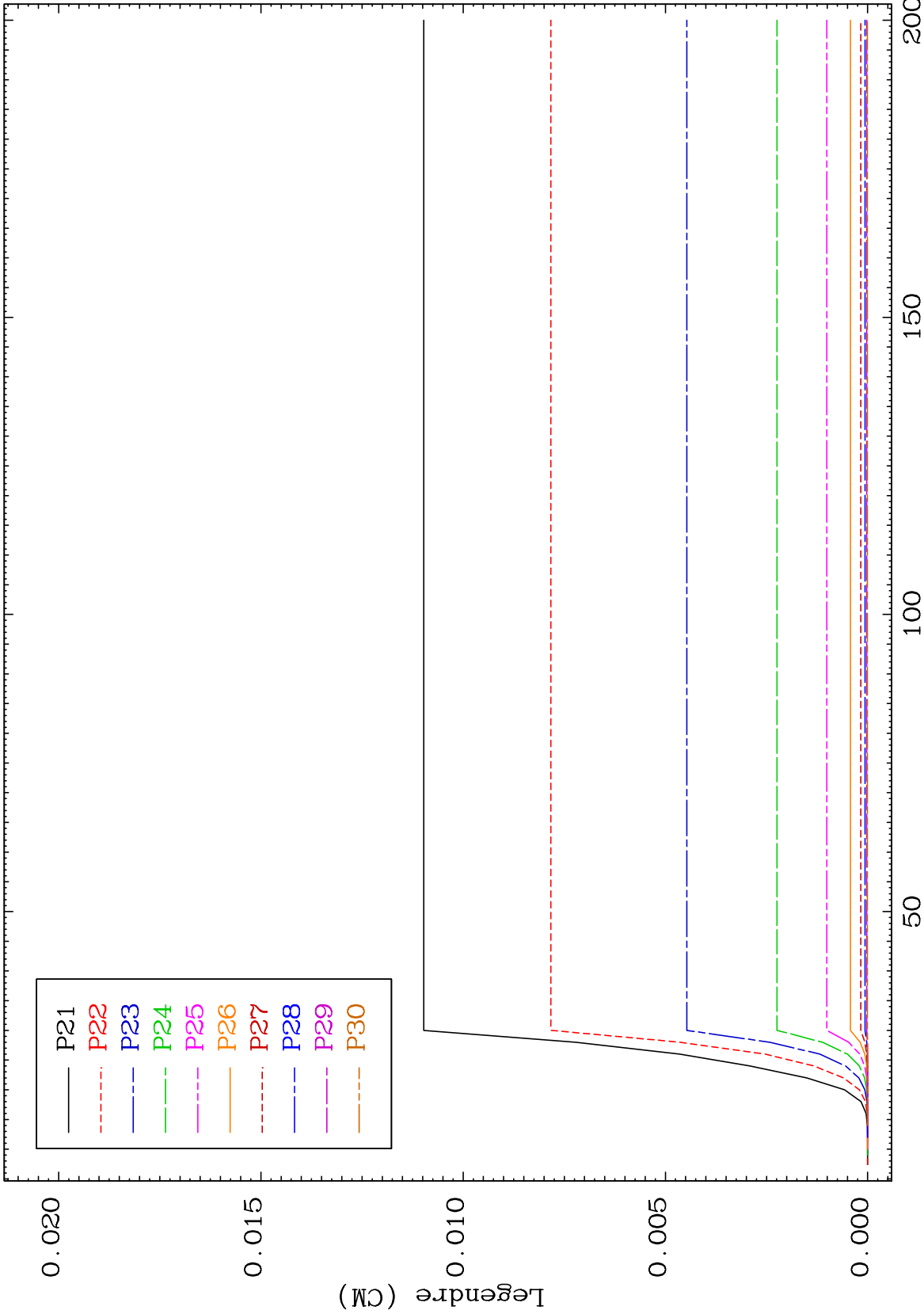
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200

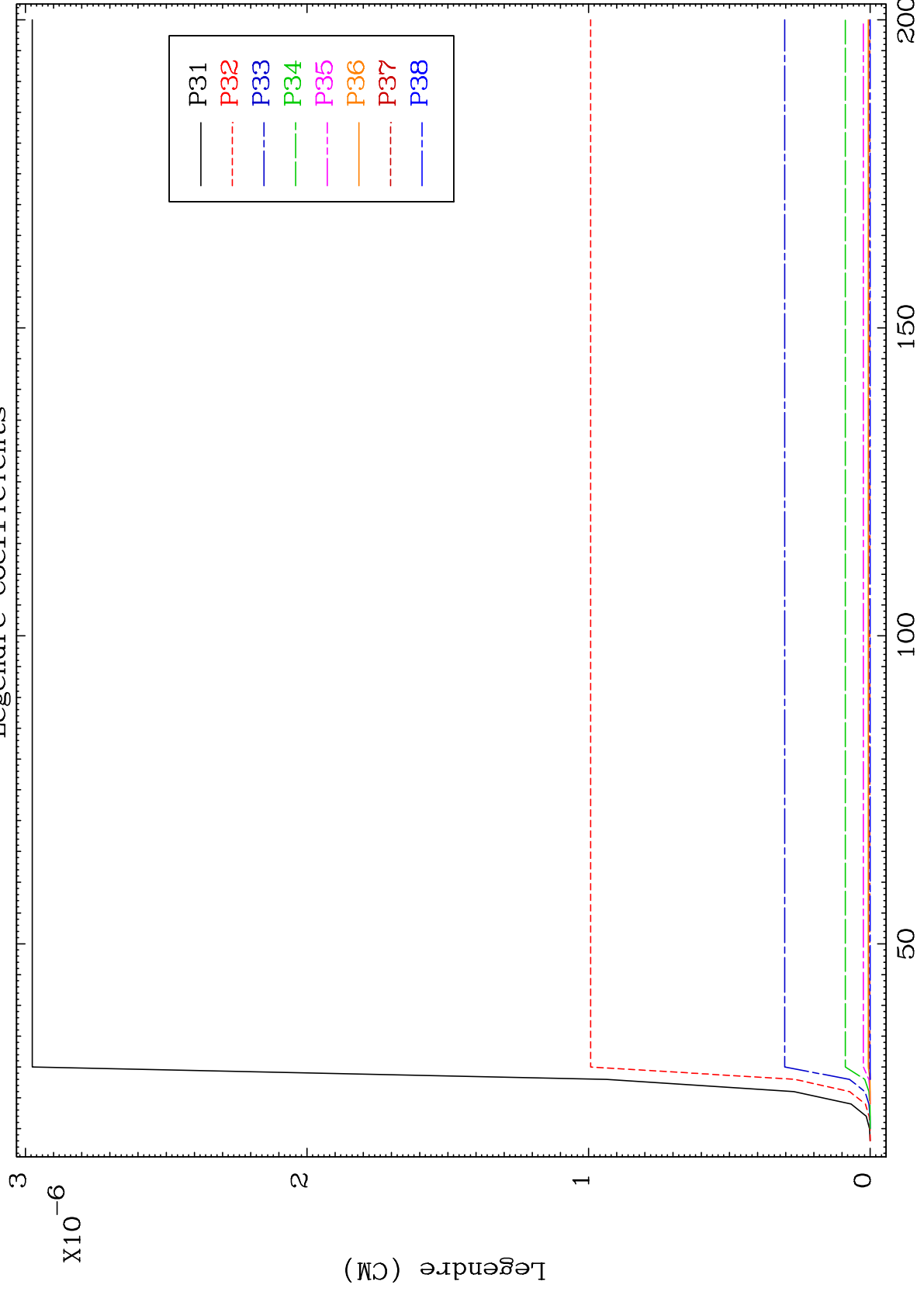


80-Hg-200

MAT 8037

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

80-Hg-200

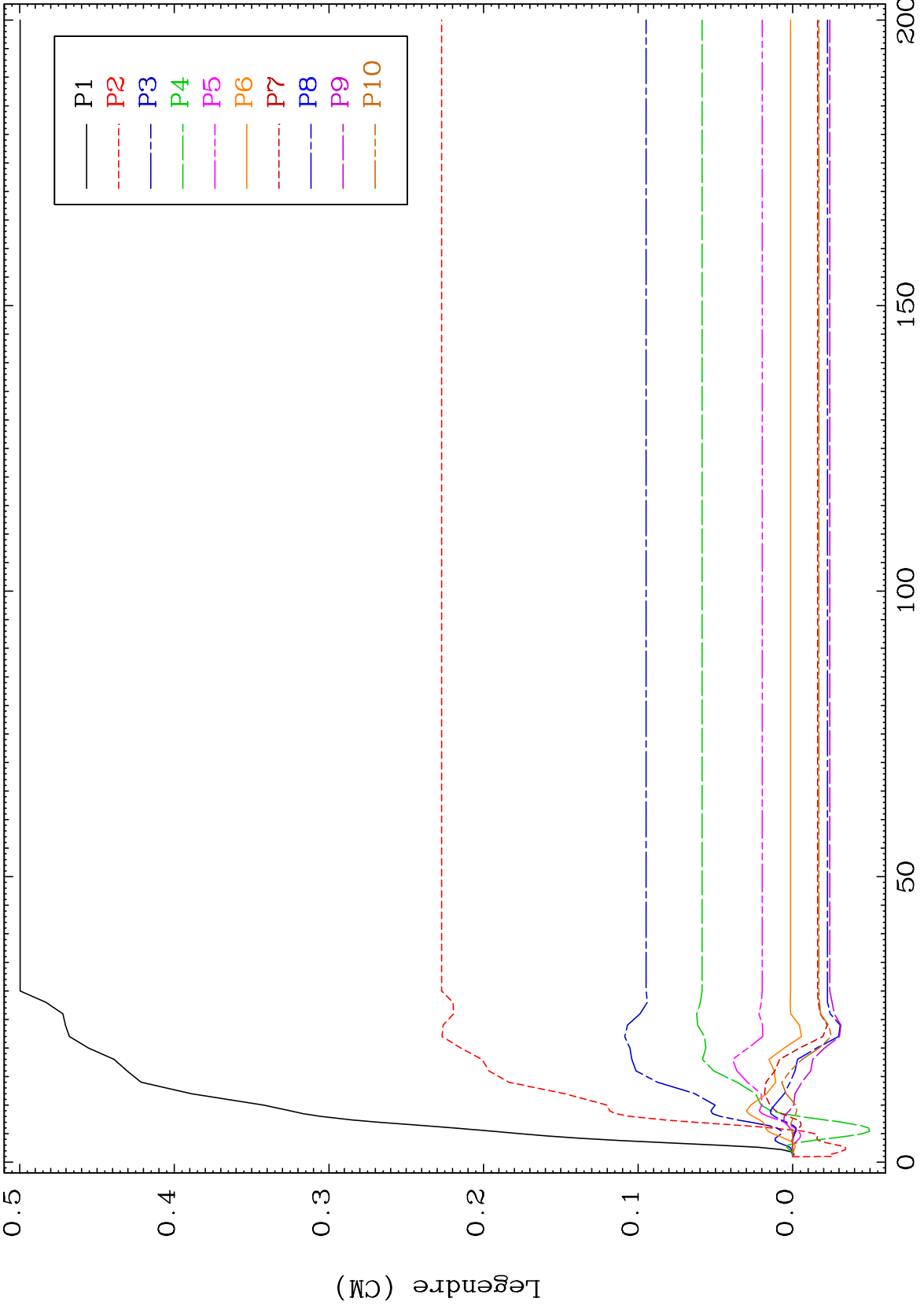


23

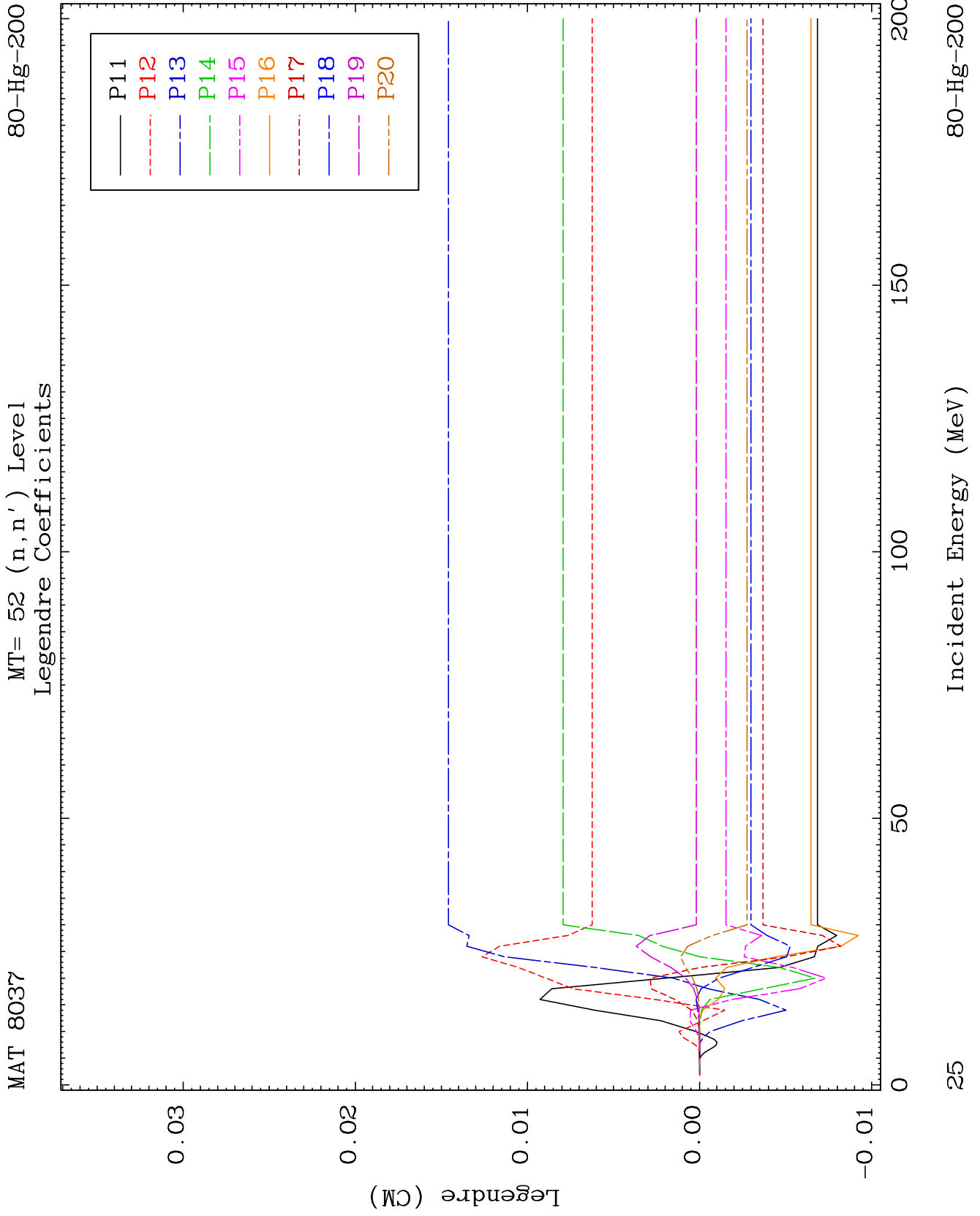
Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-200



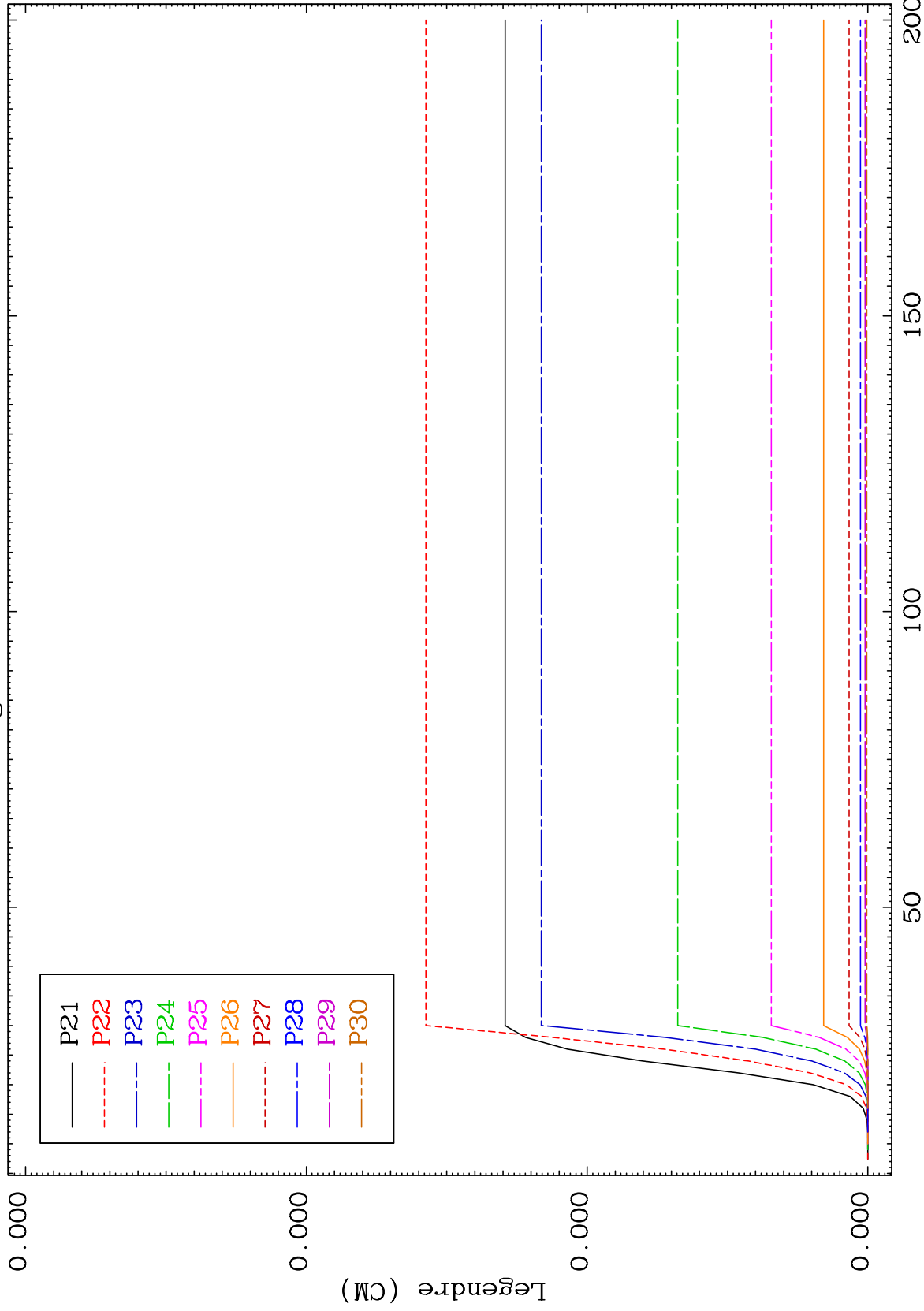
24 80-Hg-200



MAT 8037

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

80-Hg-200



26

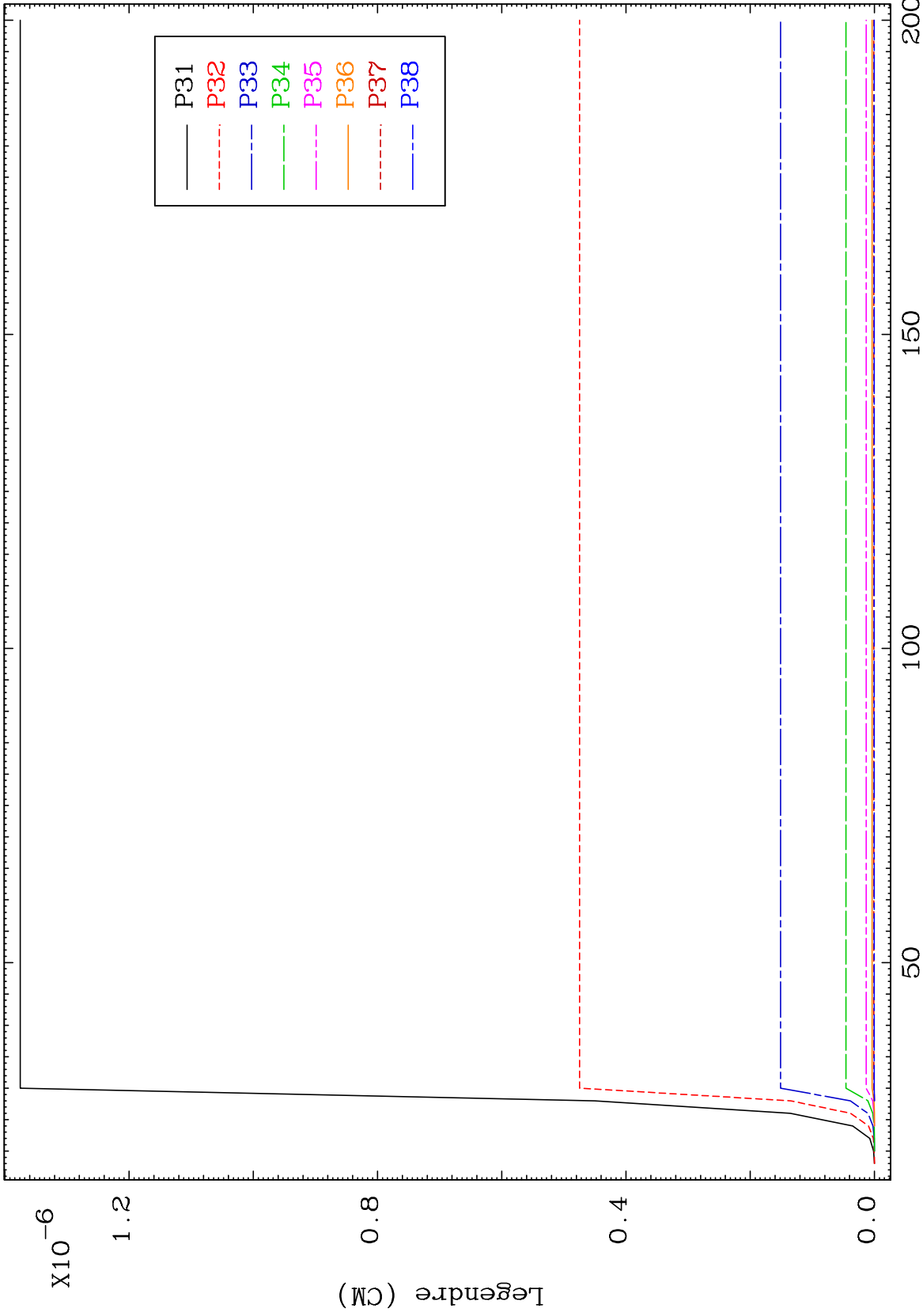
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200

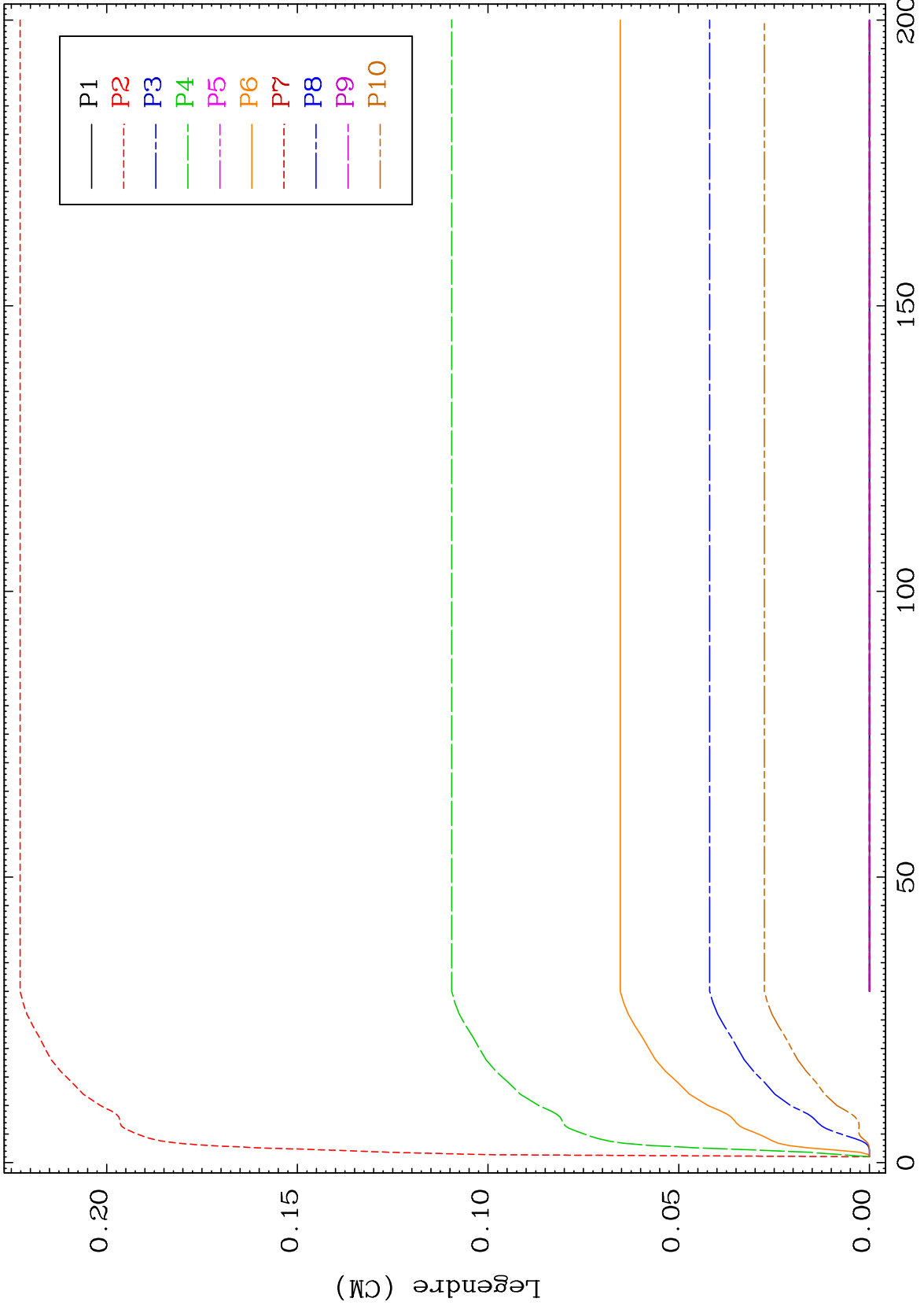


27

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 53 (n,n') Level Legendre Coefficients 80-Hg-200

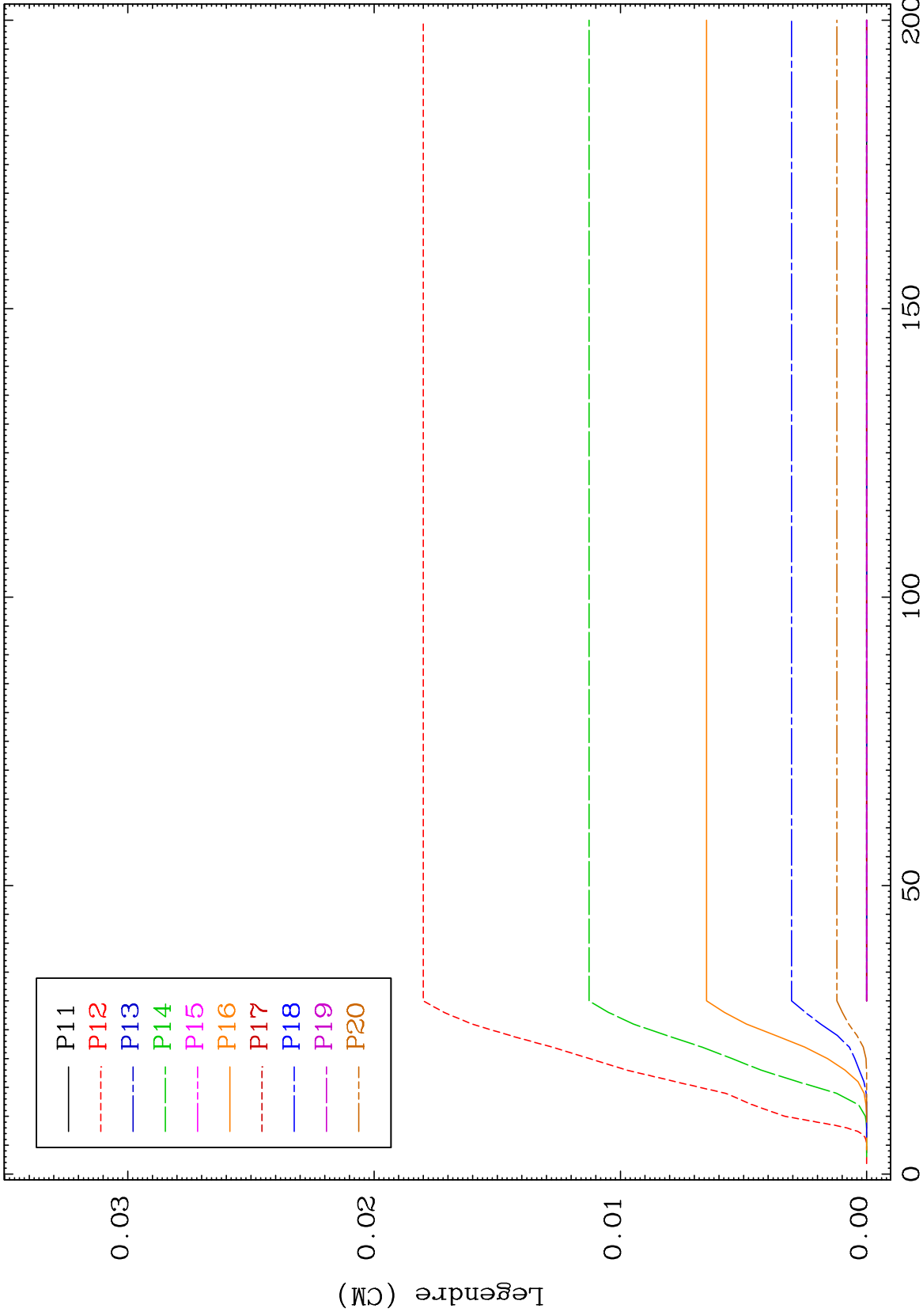


28 Incident Energy (MeV) 80-Hg-200

MAT 8037

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

80-Hg-200

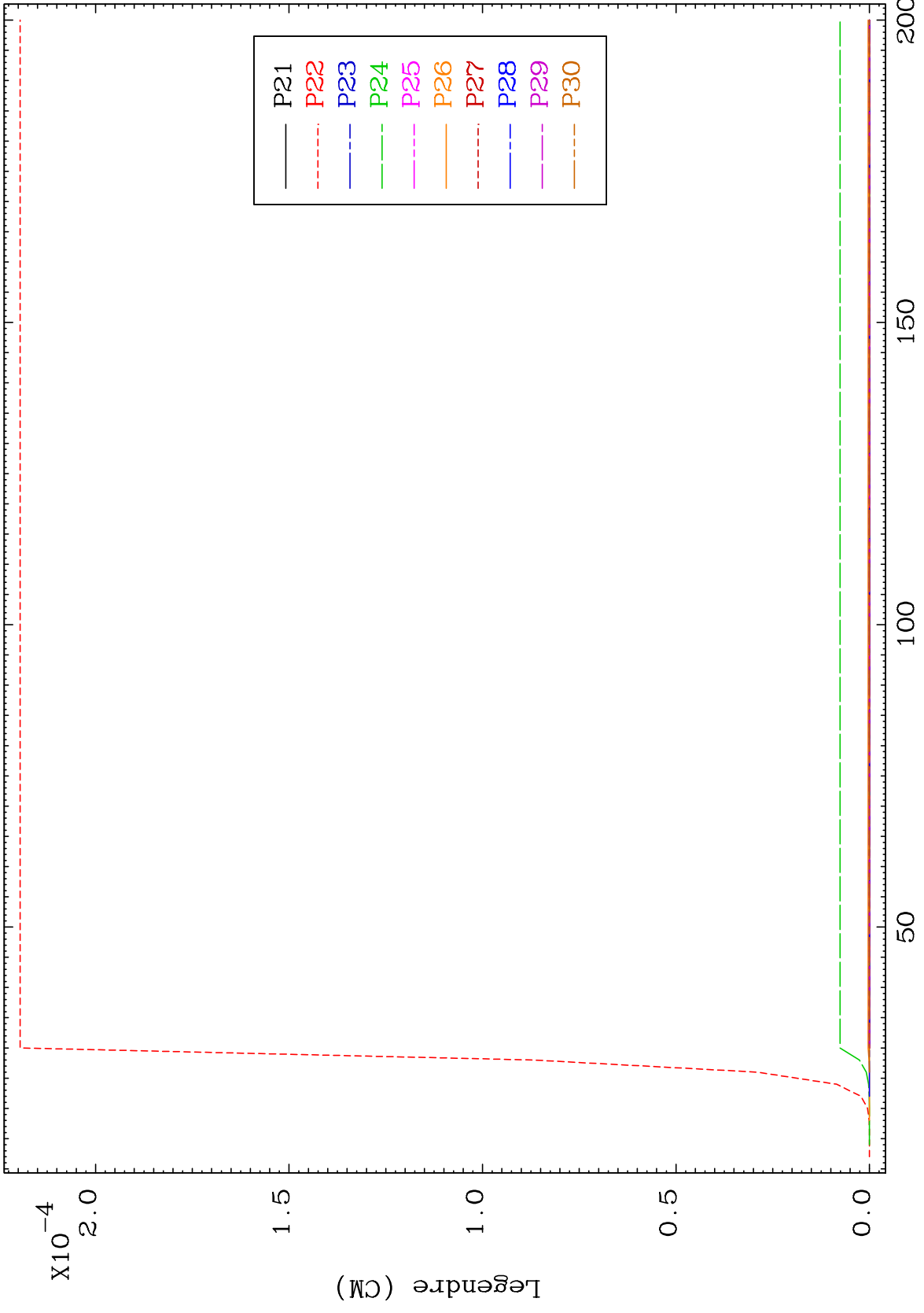


29

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 53 (n,n') Level Legendre Coefficients 80-Hg-200

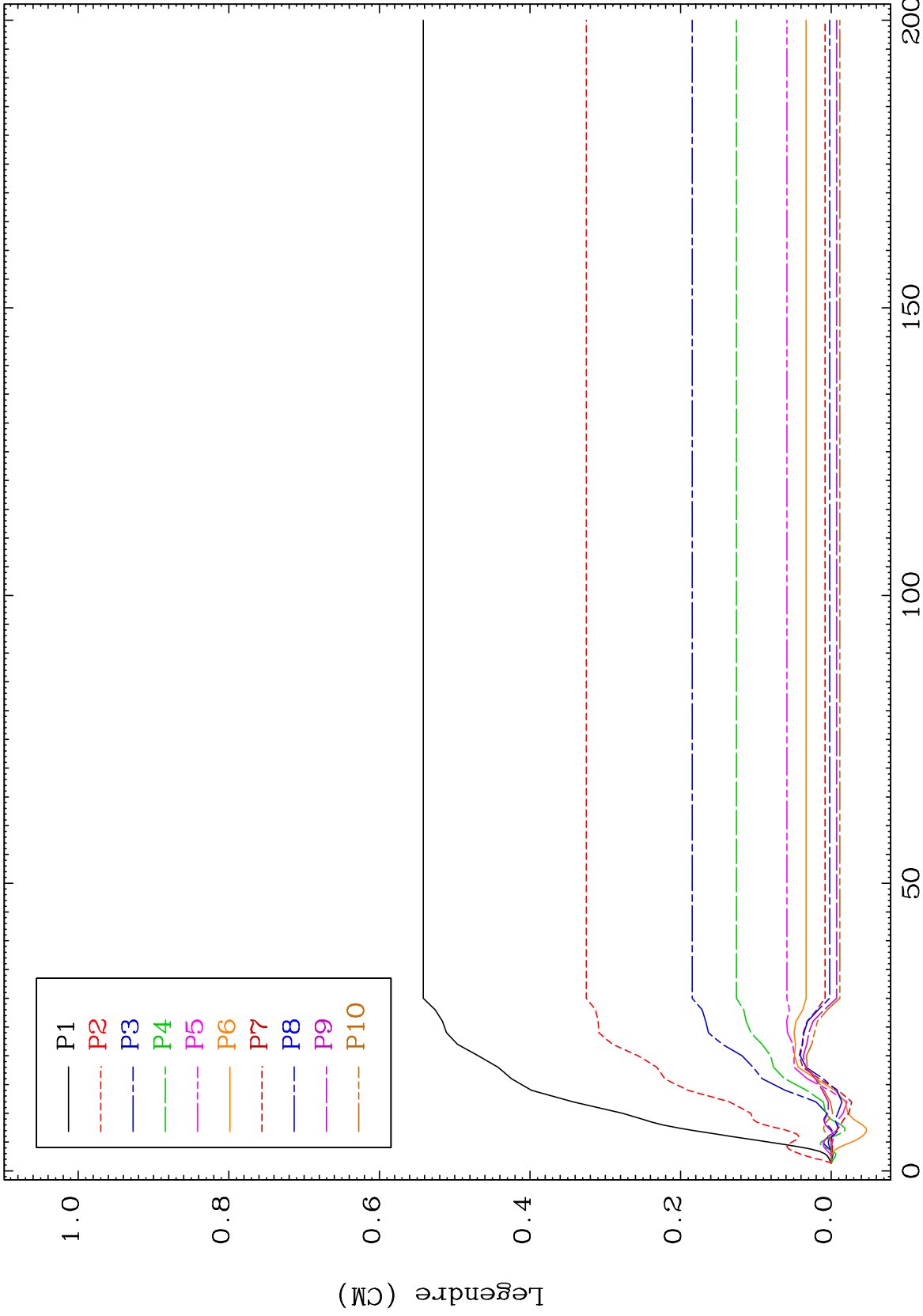


80-Hg-200

MAT 8037

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

80-Hg-200



31

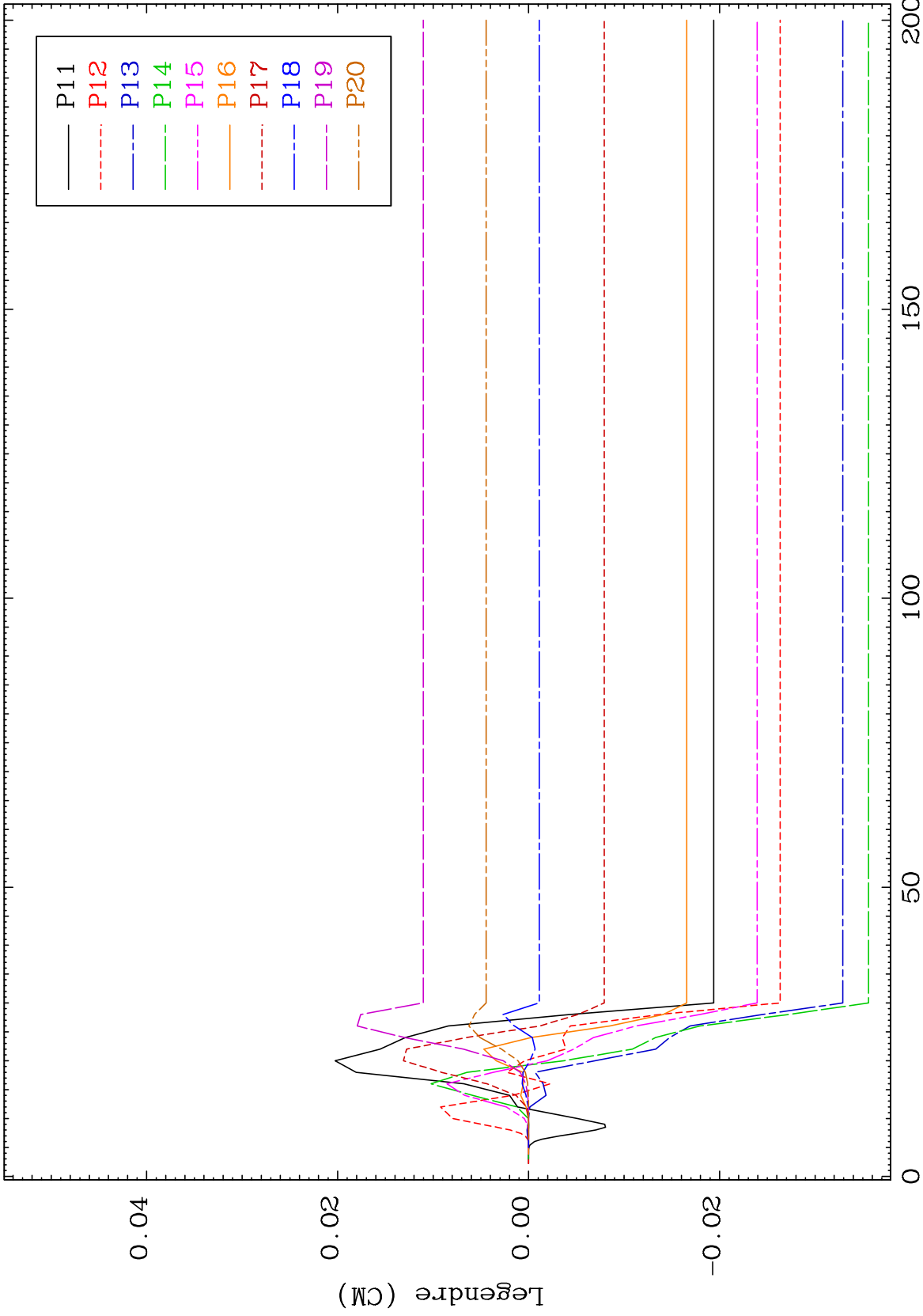
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



32

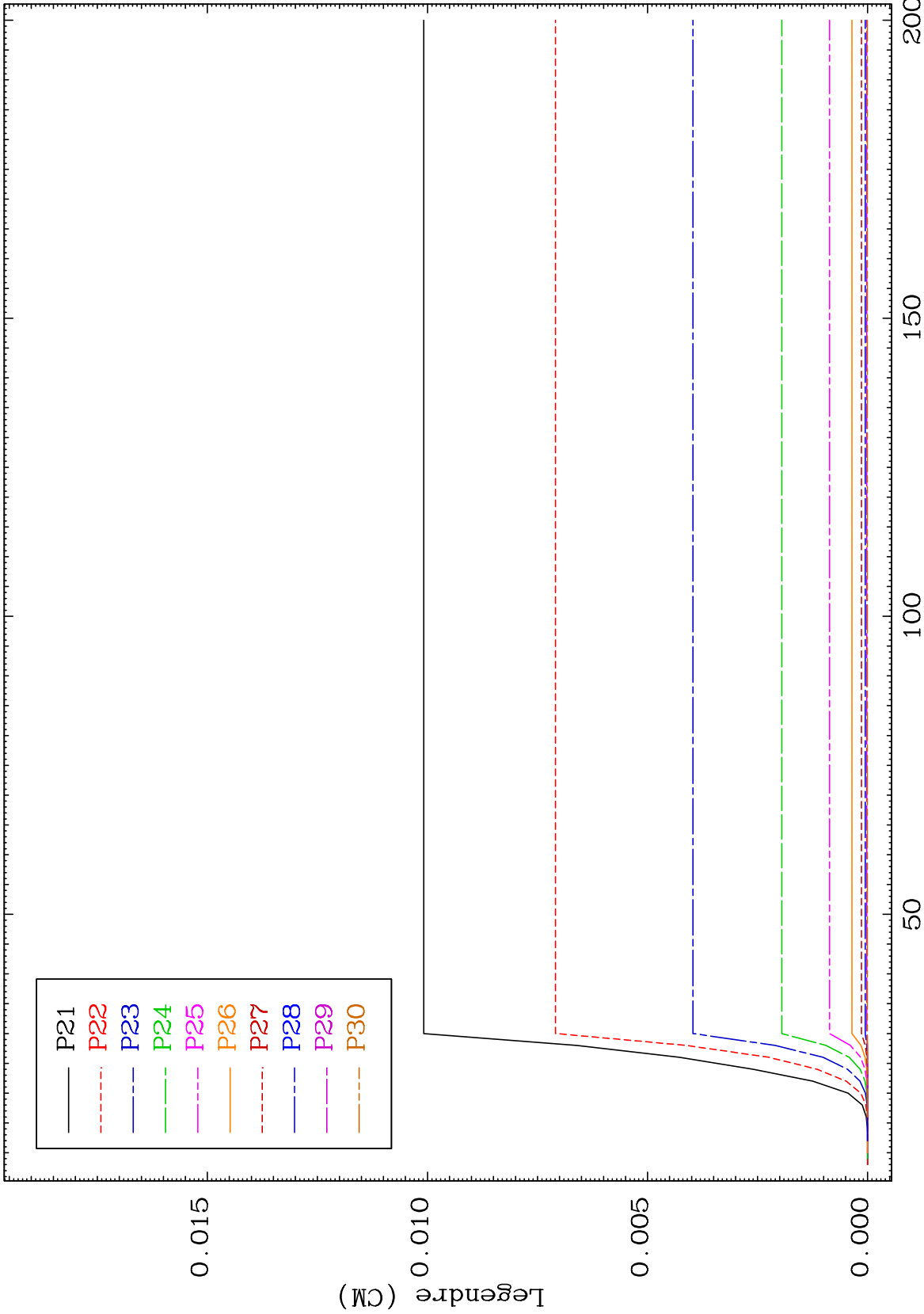
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200

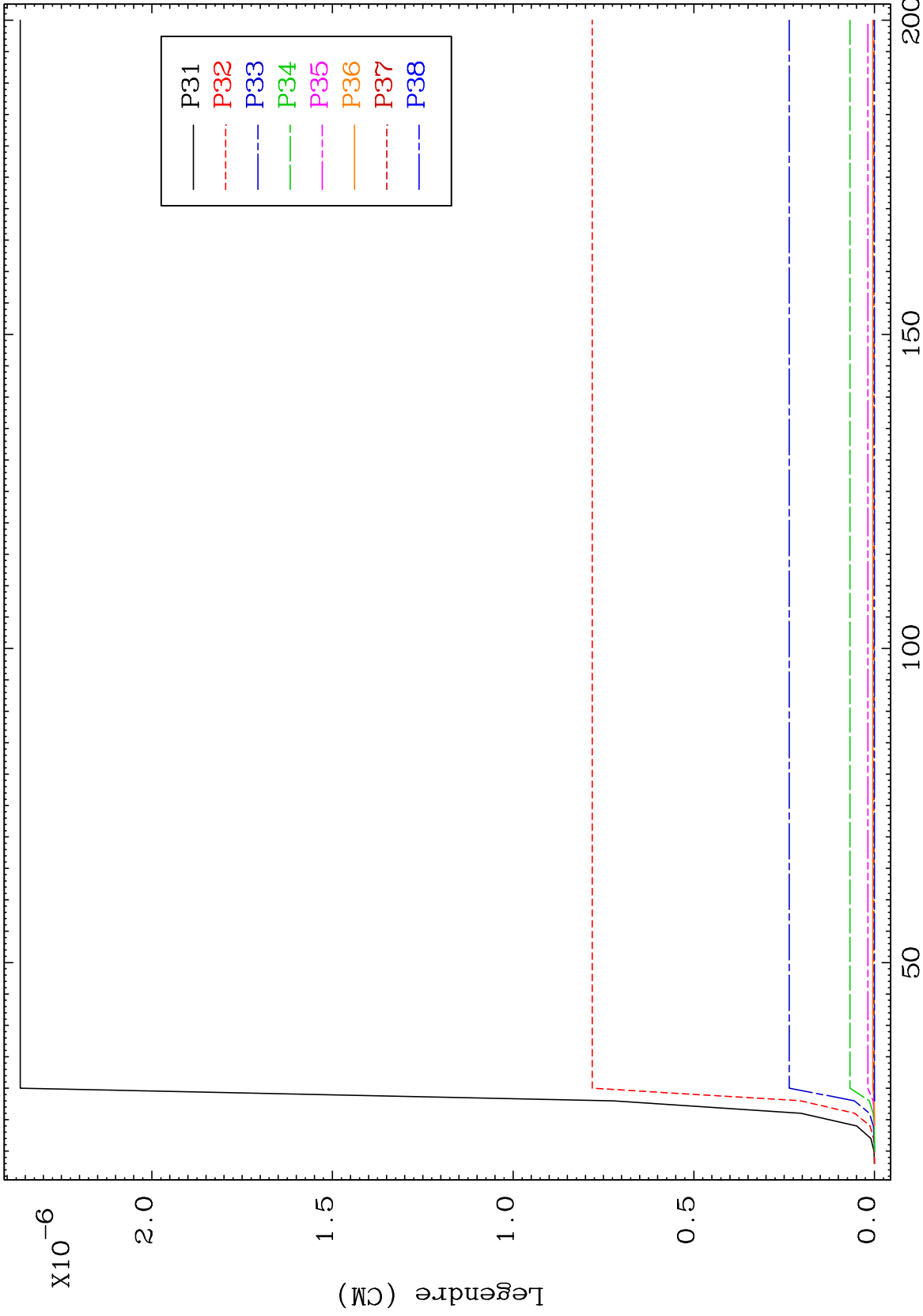


80-Hg-200

MAT 8037

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

80-Hg-200



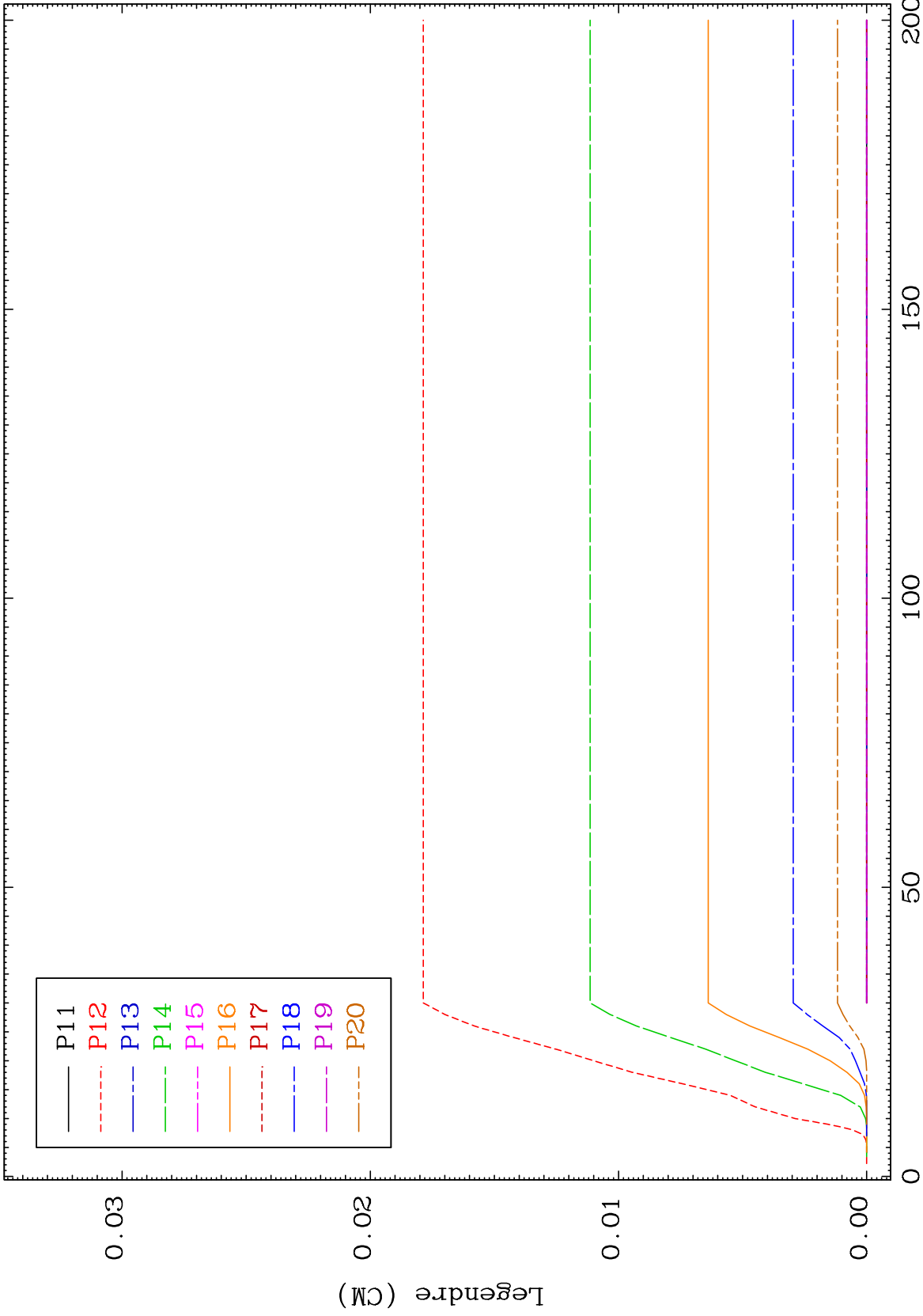
34

80-Hg-200

MAT 8037

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

80-Hg-200

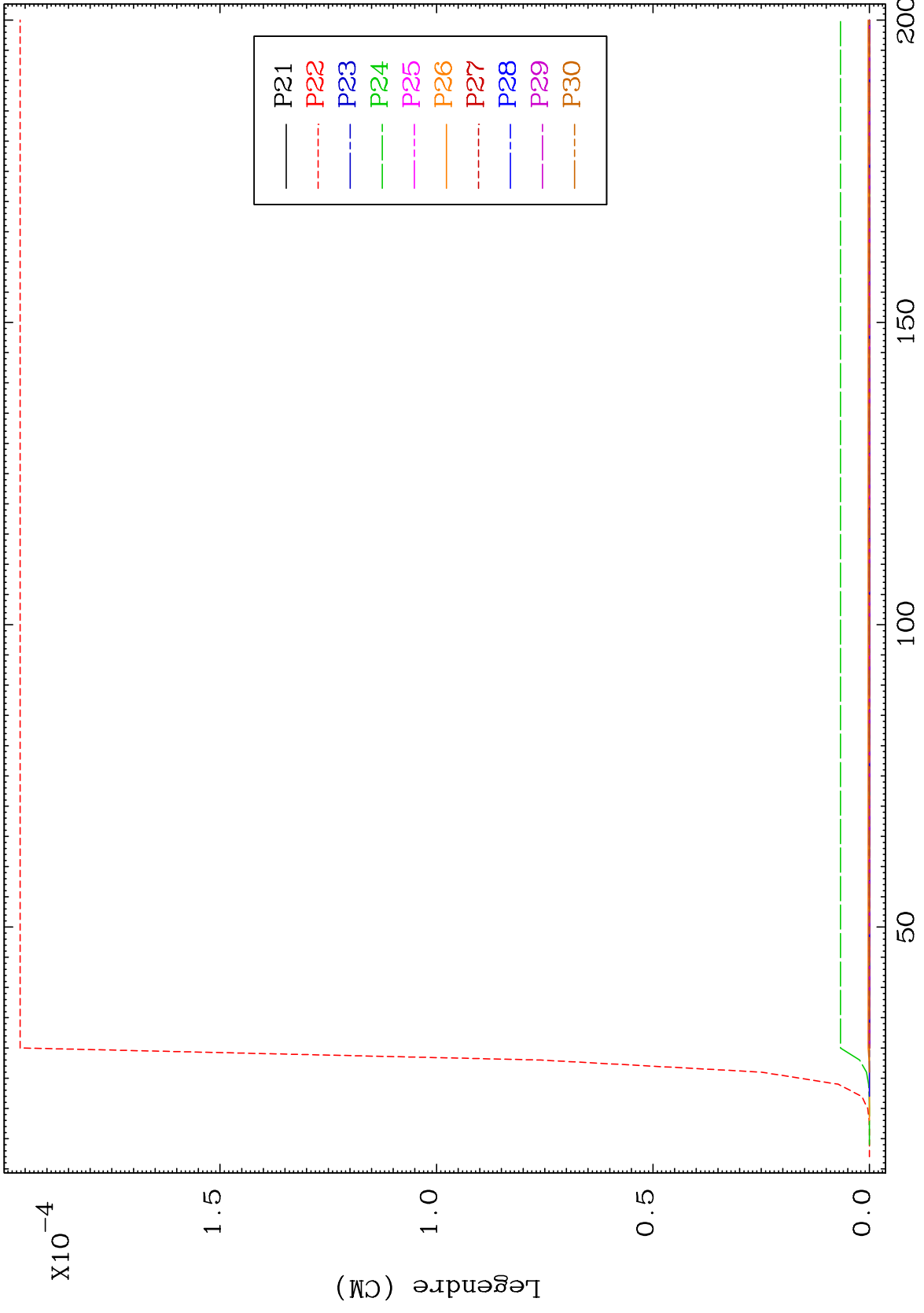


36

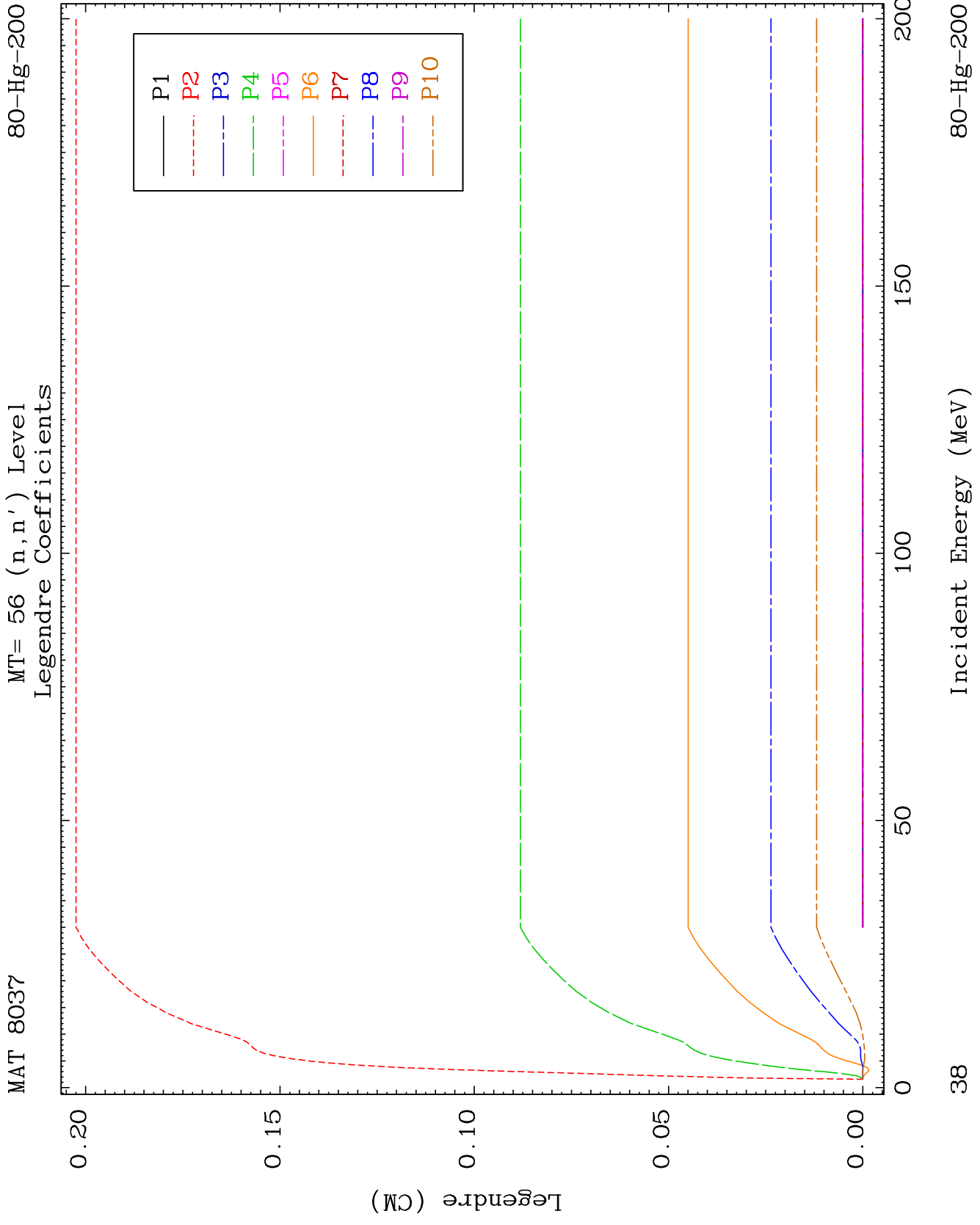
Incident Energy (MeV)

80-Hg-200

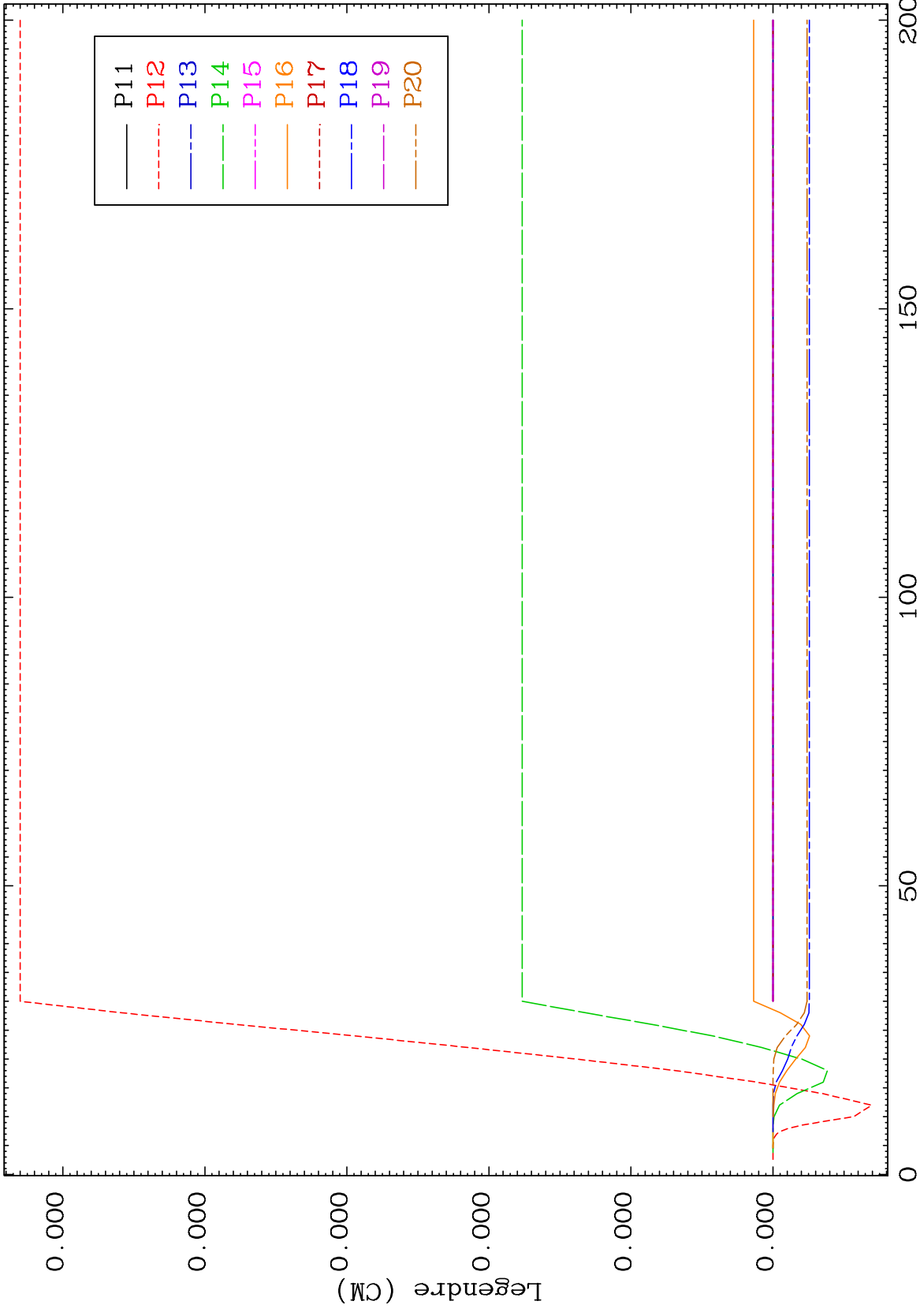
MAT 8037 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-200



37 80-Hg-200

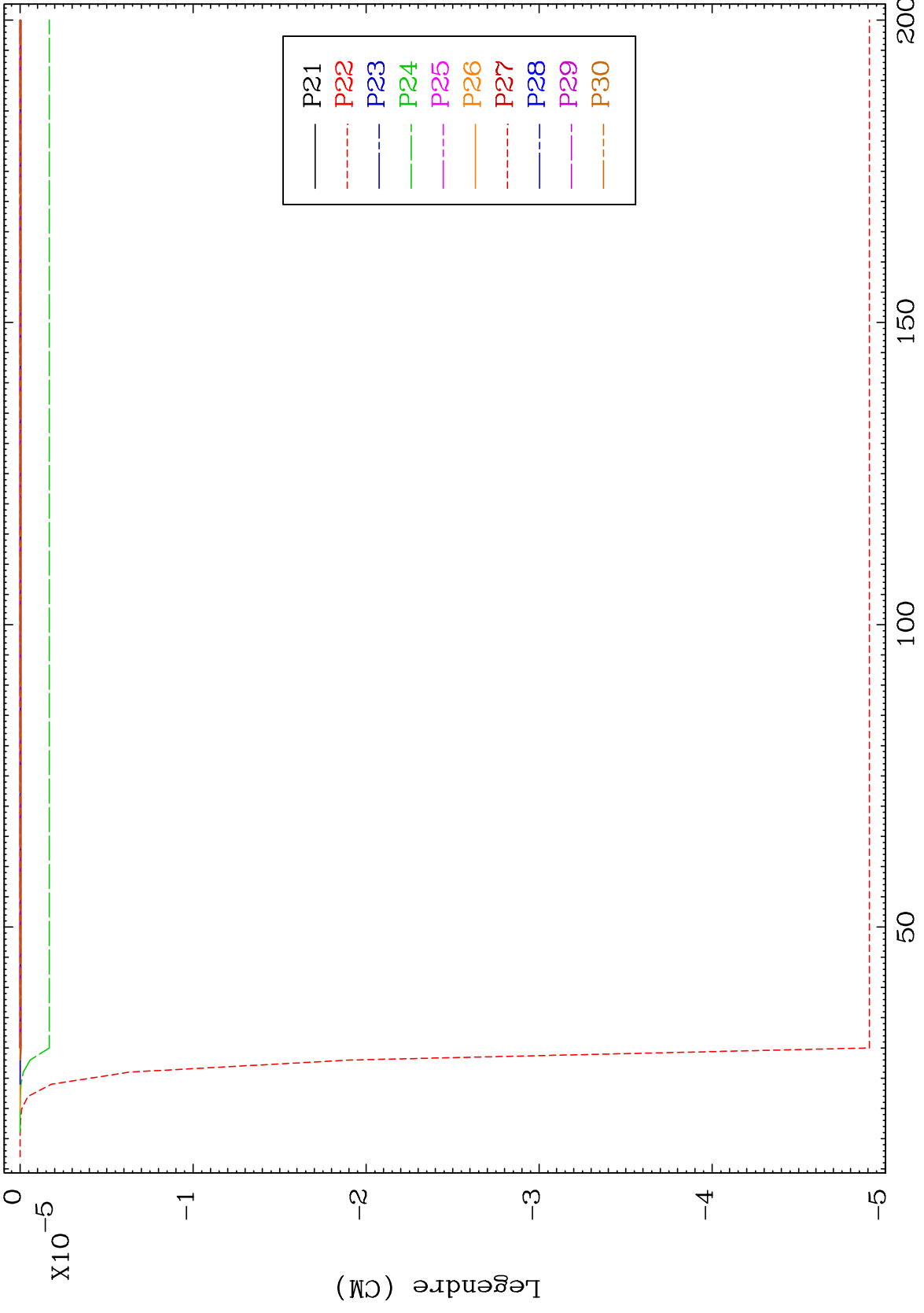


MAT 8037 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-200



39 80-Hg-200

MAT 8037 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-200

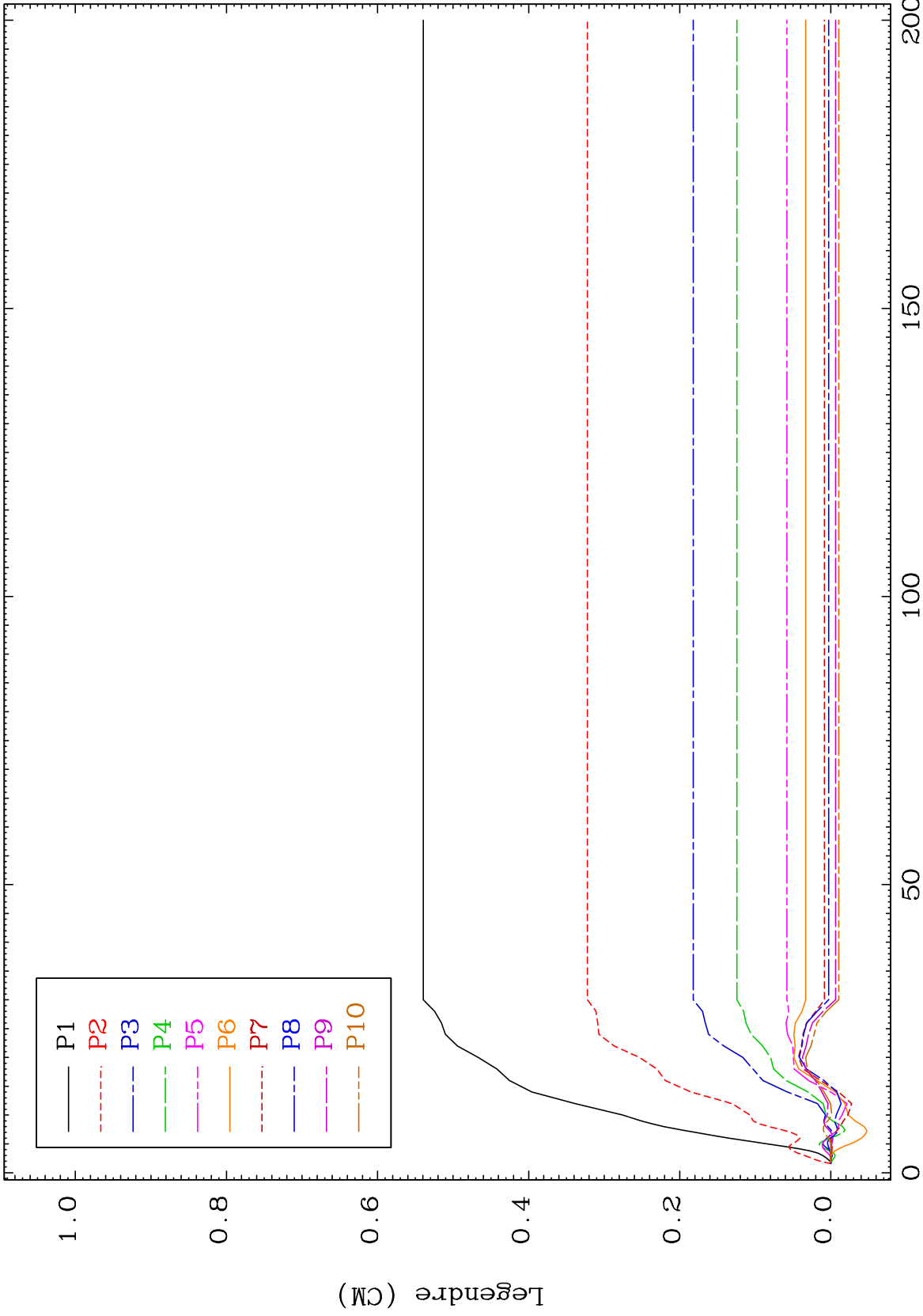


40 Incident Energy (MeV) 80-Hg-200

MAT 8037

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

80-Hg-200



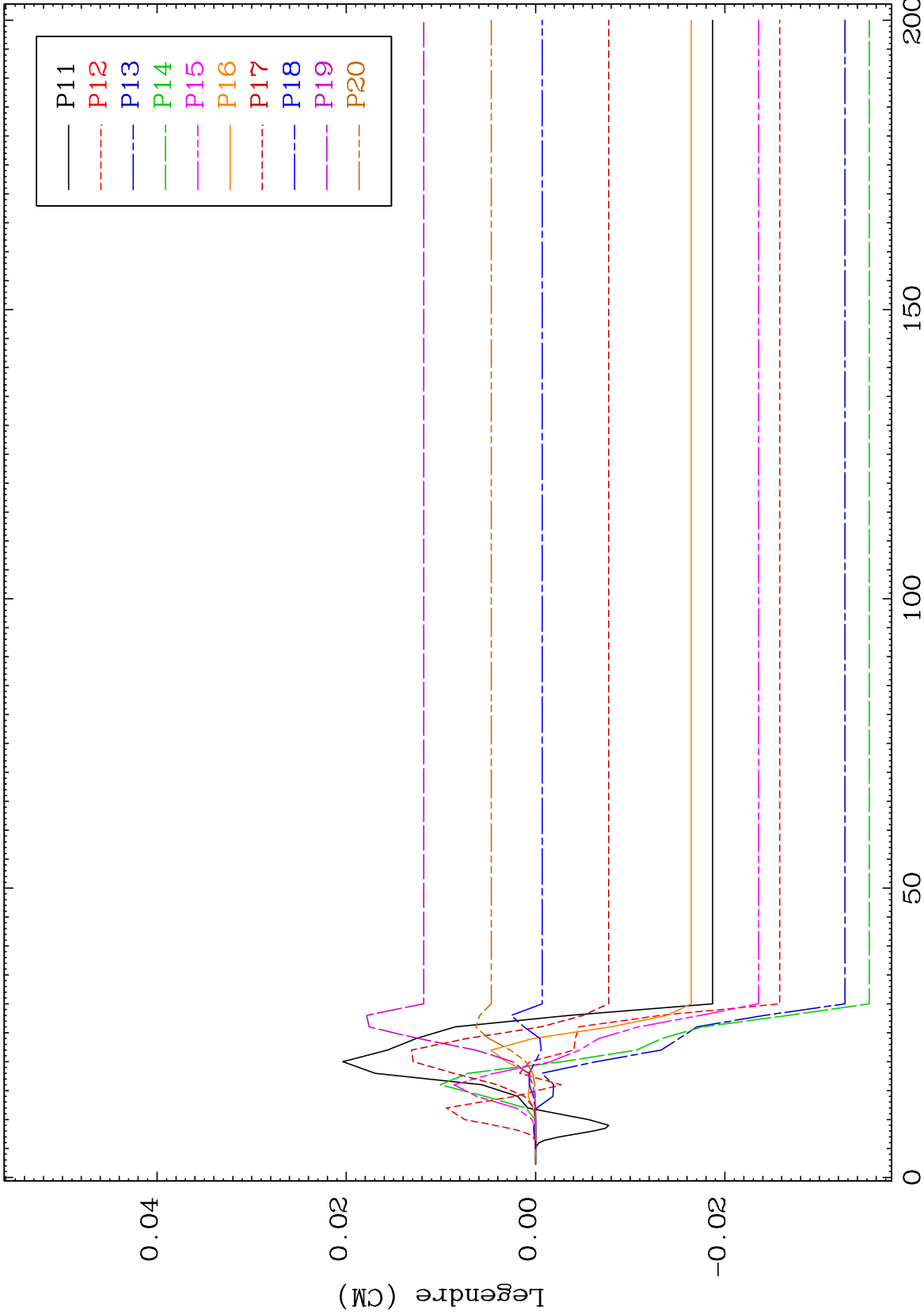
41

80-Hg-200

MAT 8037

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

80-Hg-200



42

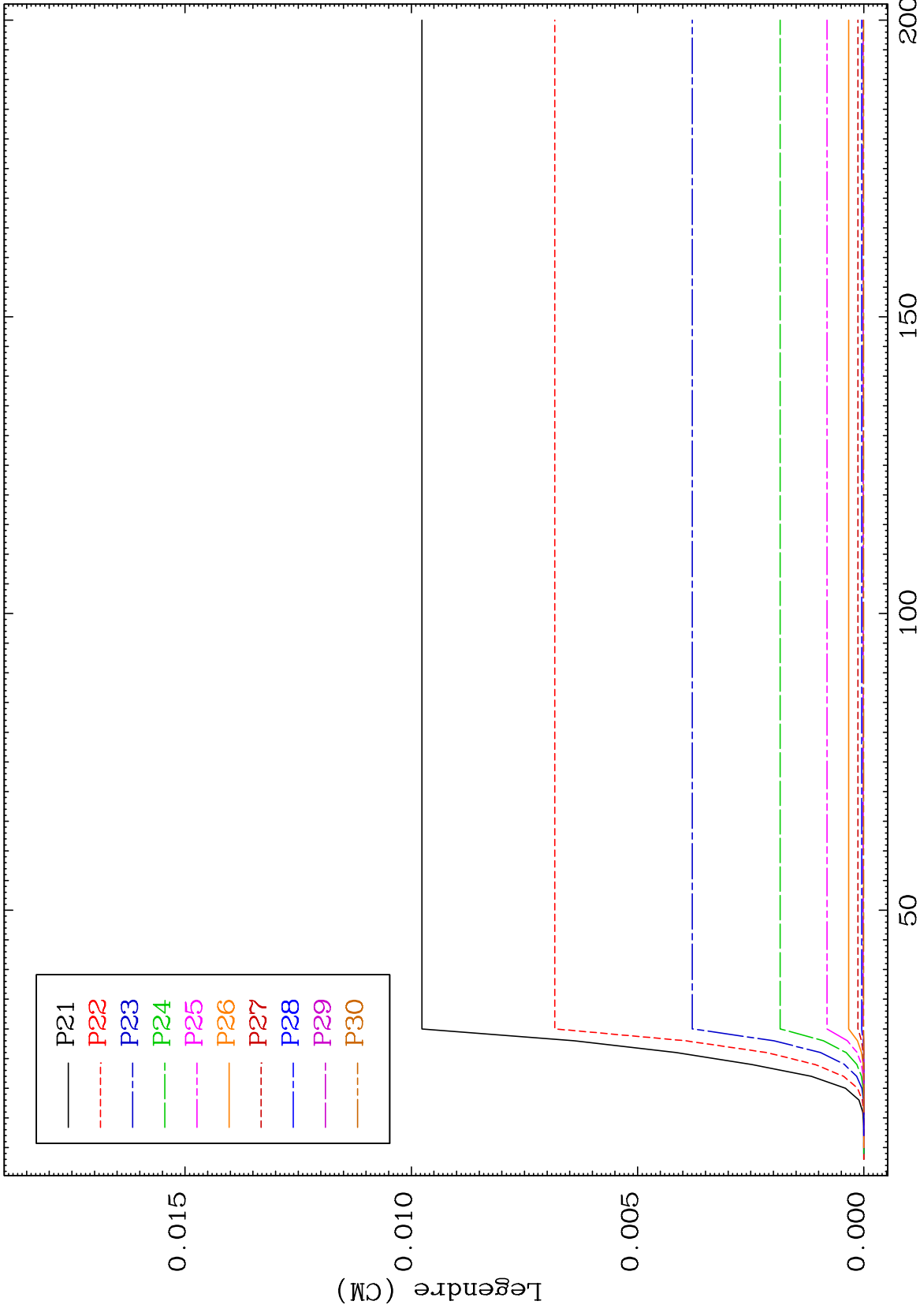
Incident Energy (MeV)

80-Hg-200

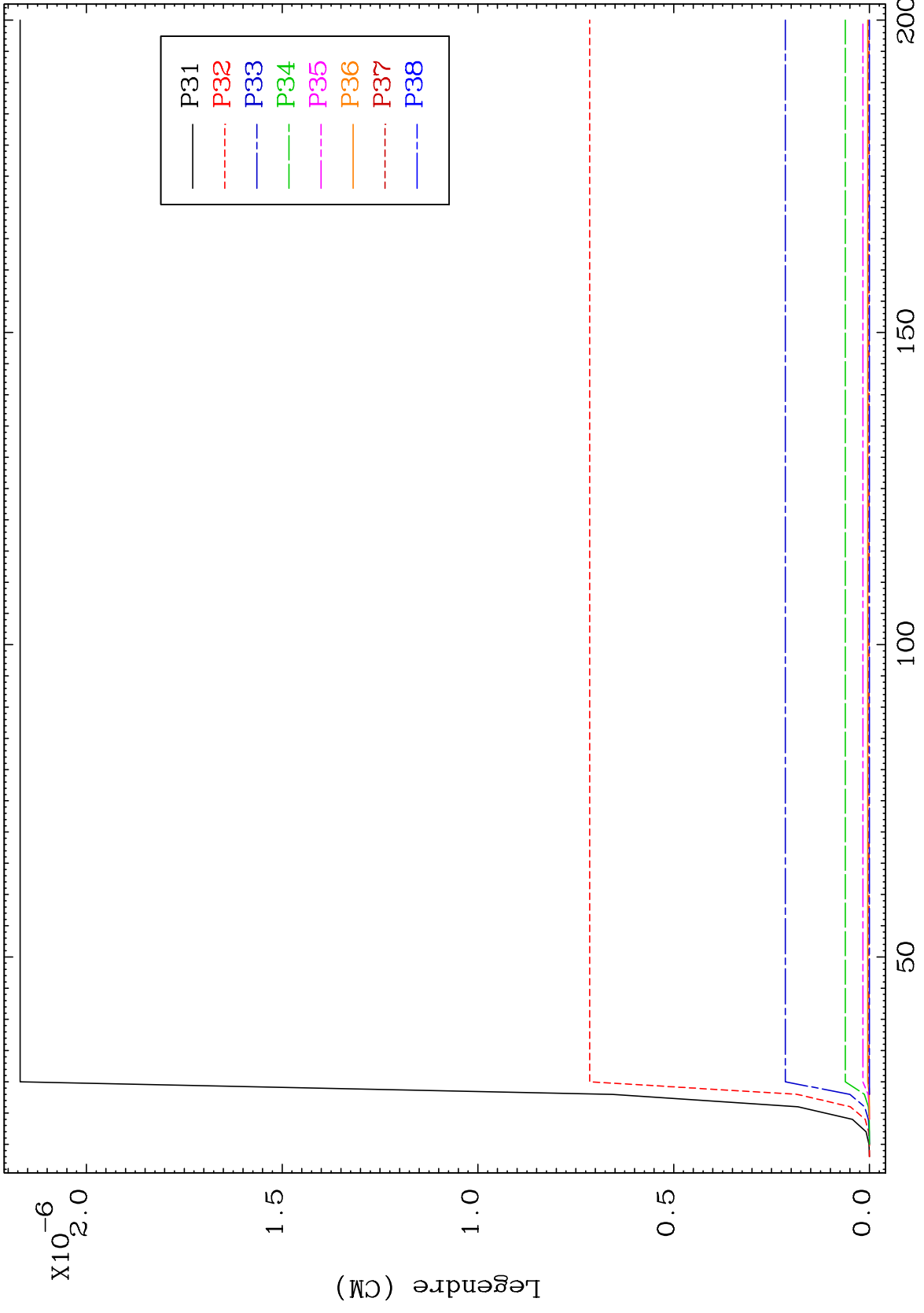
MAT 8037

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

80-Hg-200



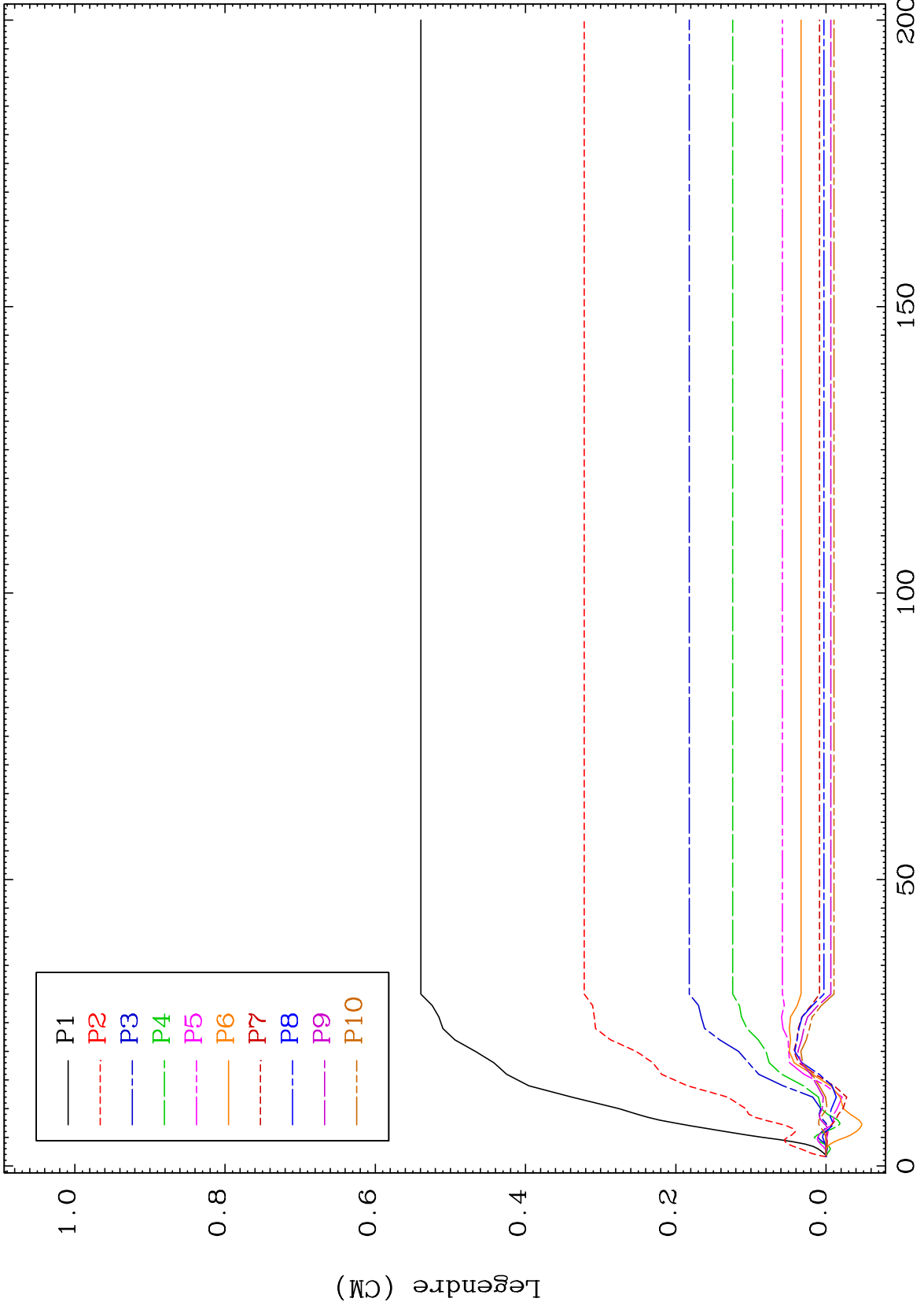
MAT 8037 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-200



MAT 8037

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

80-Hg-200



45

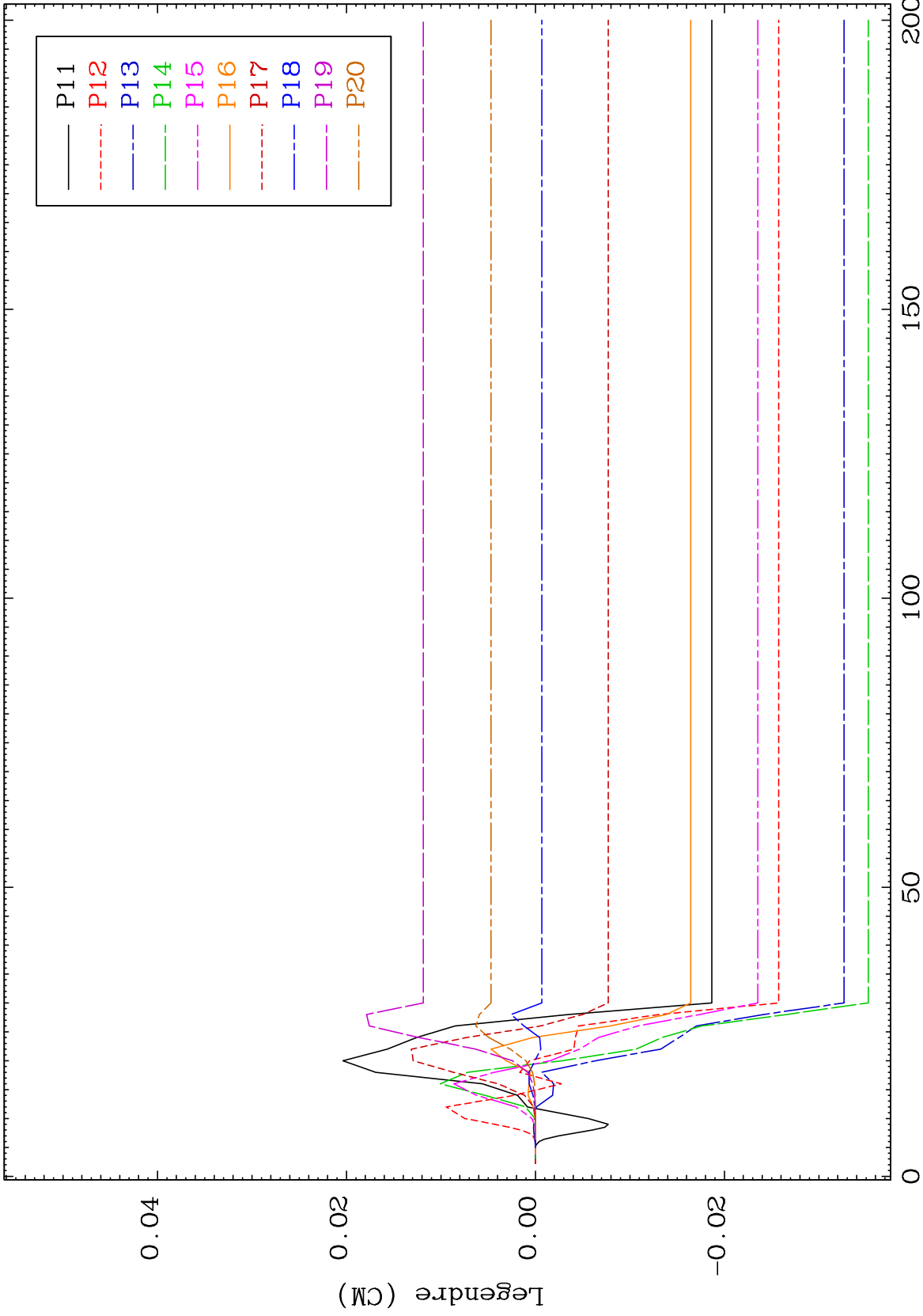
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



46

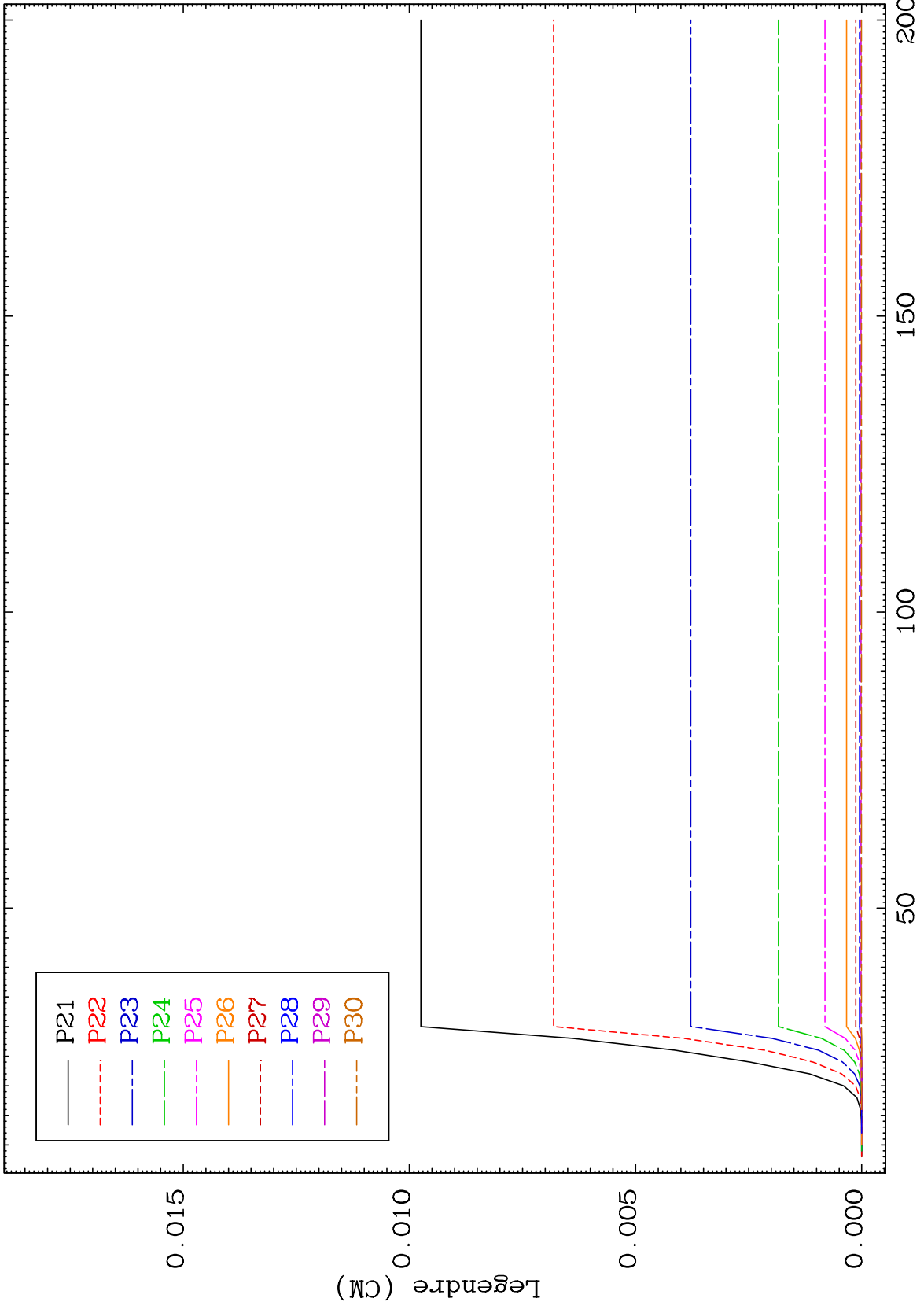
Incident Energy (MeV)

80-Hg-200

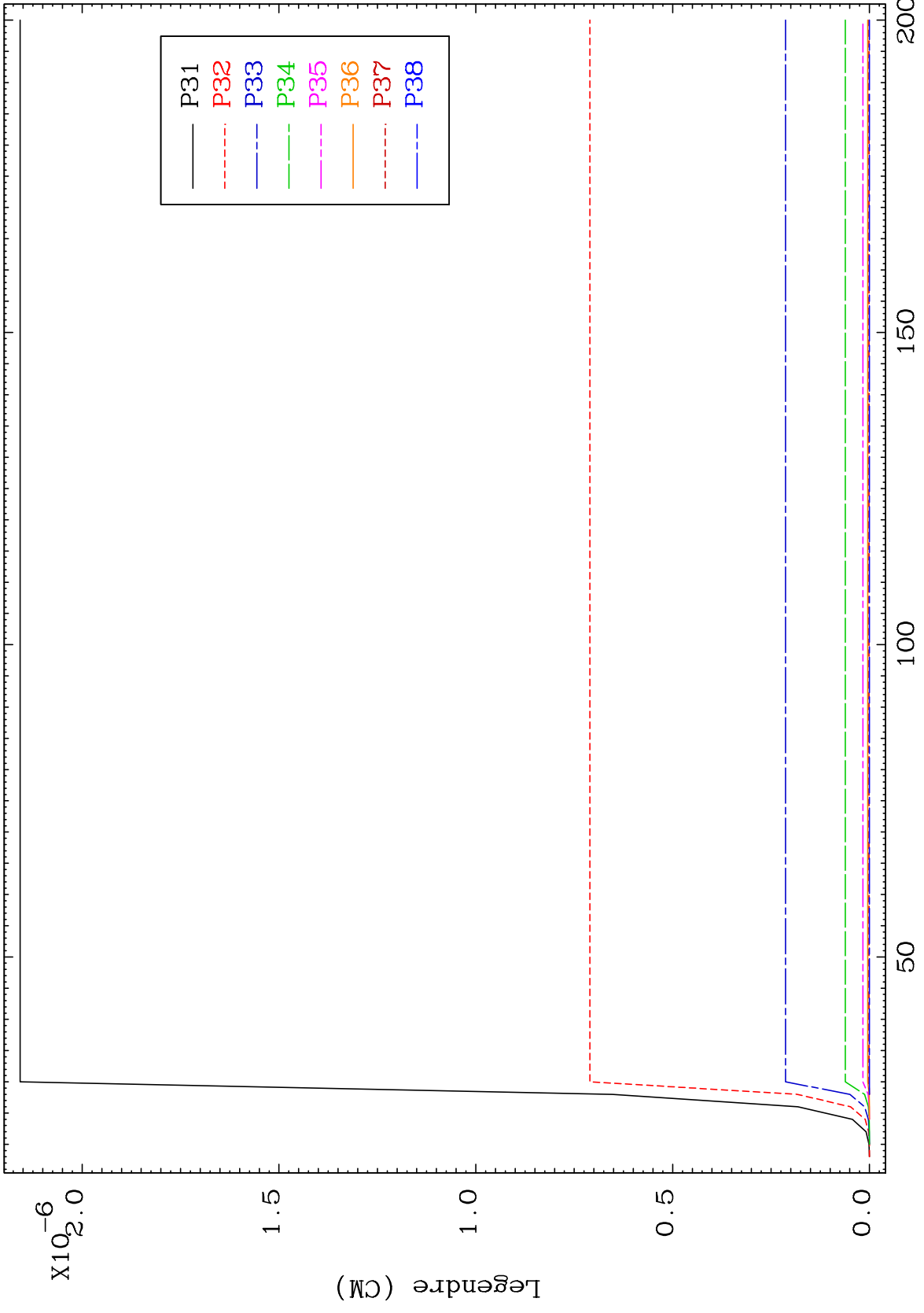
MAT 8037

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

80-Hg-200



MAT 8037 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-200

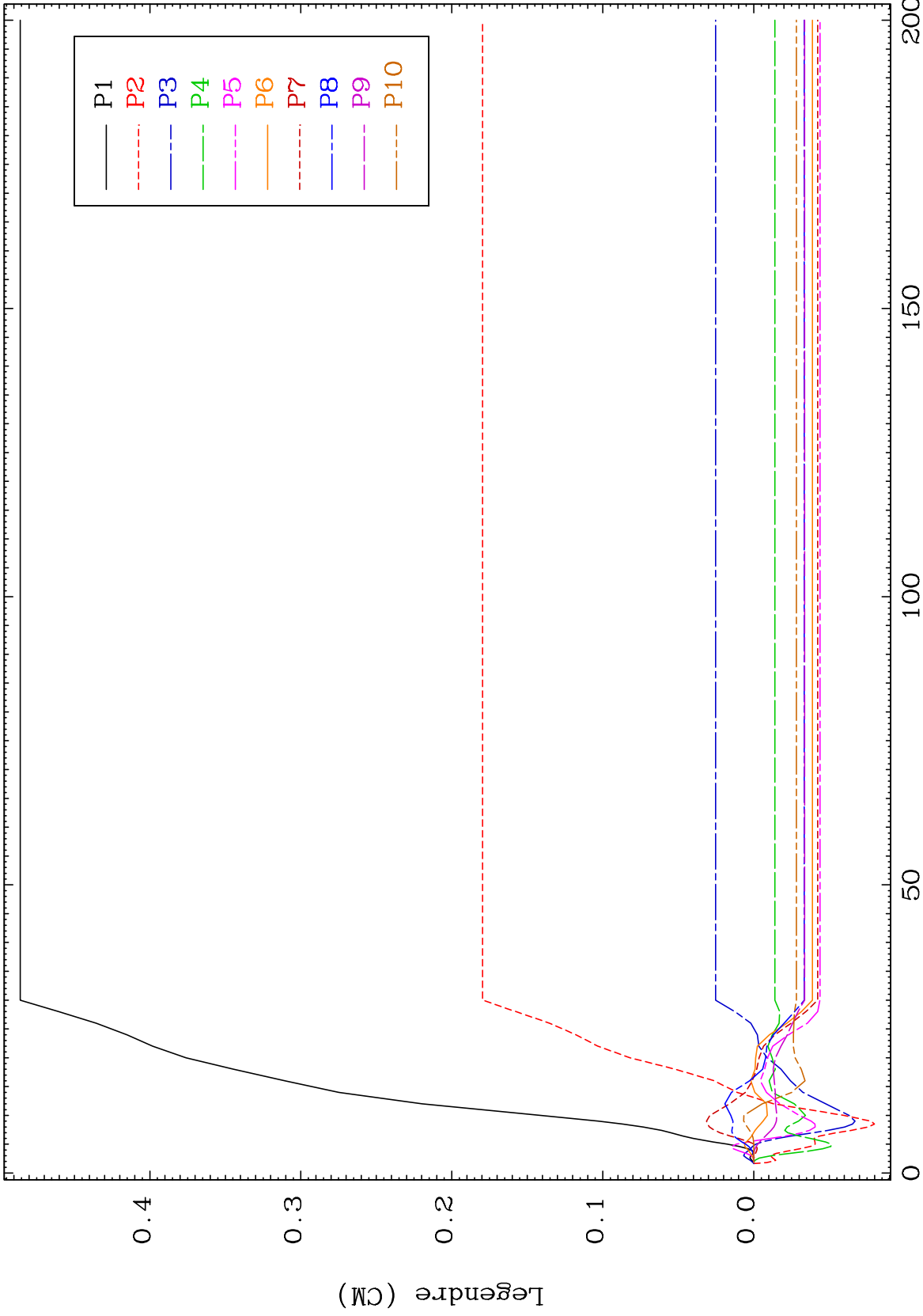


48 80-Hg-200

MAT 8037

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

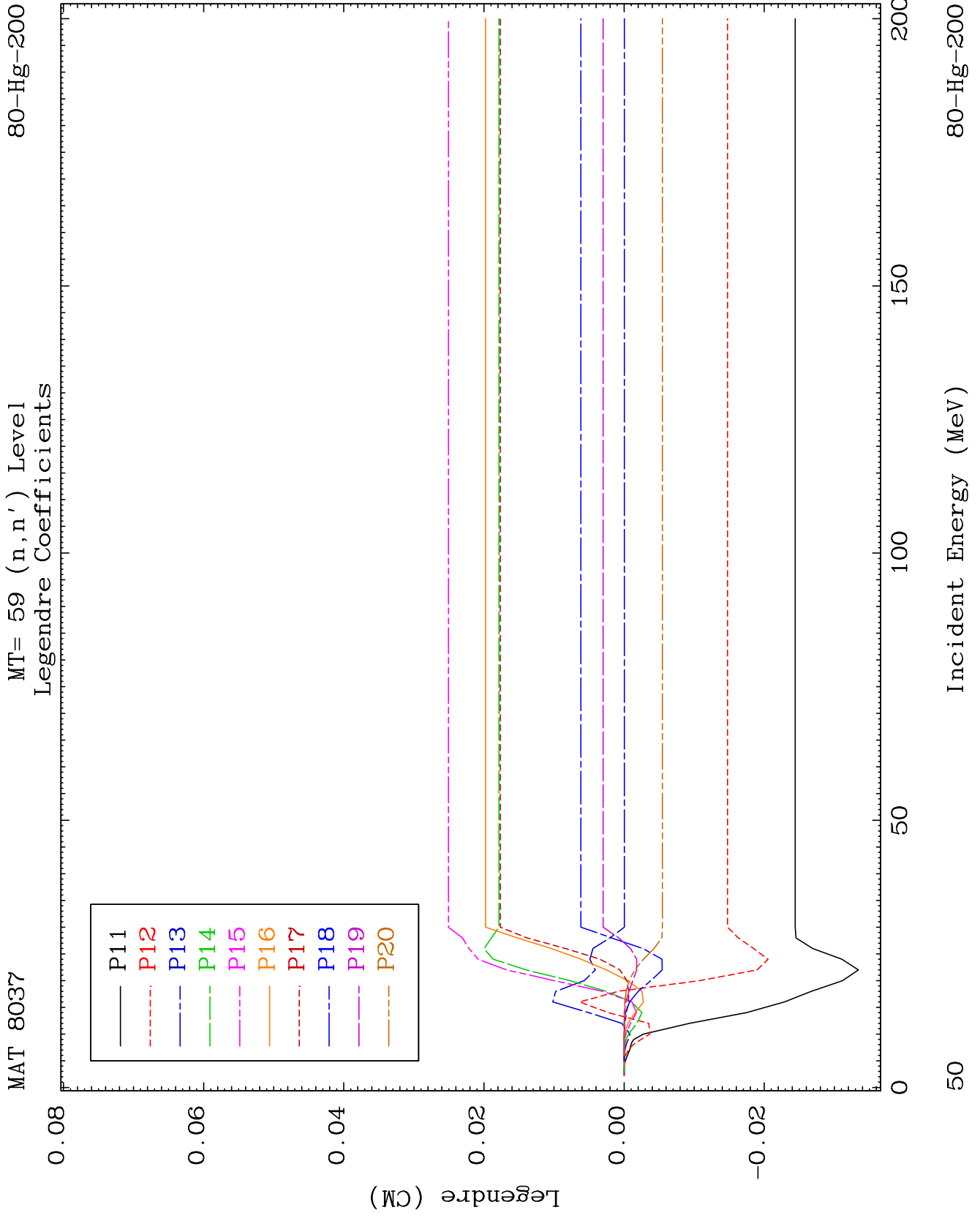
80-Hg-200

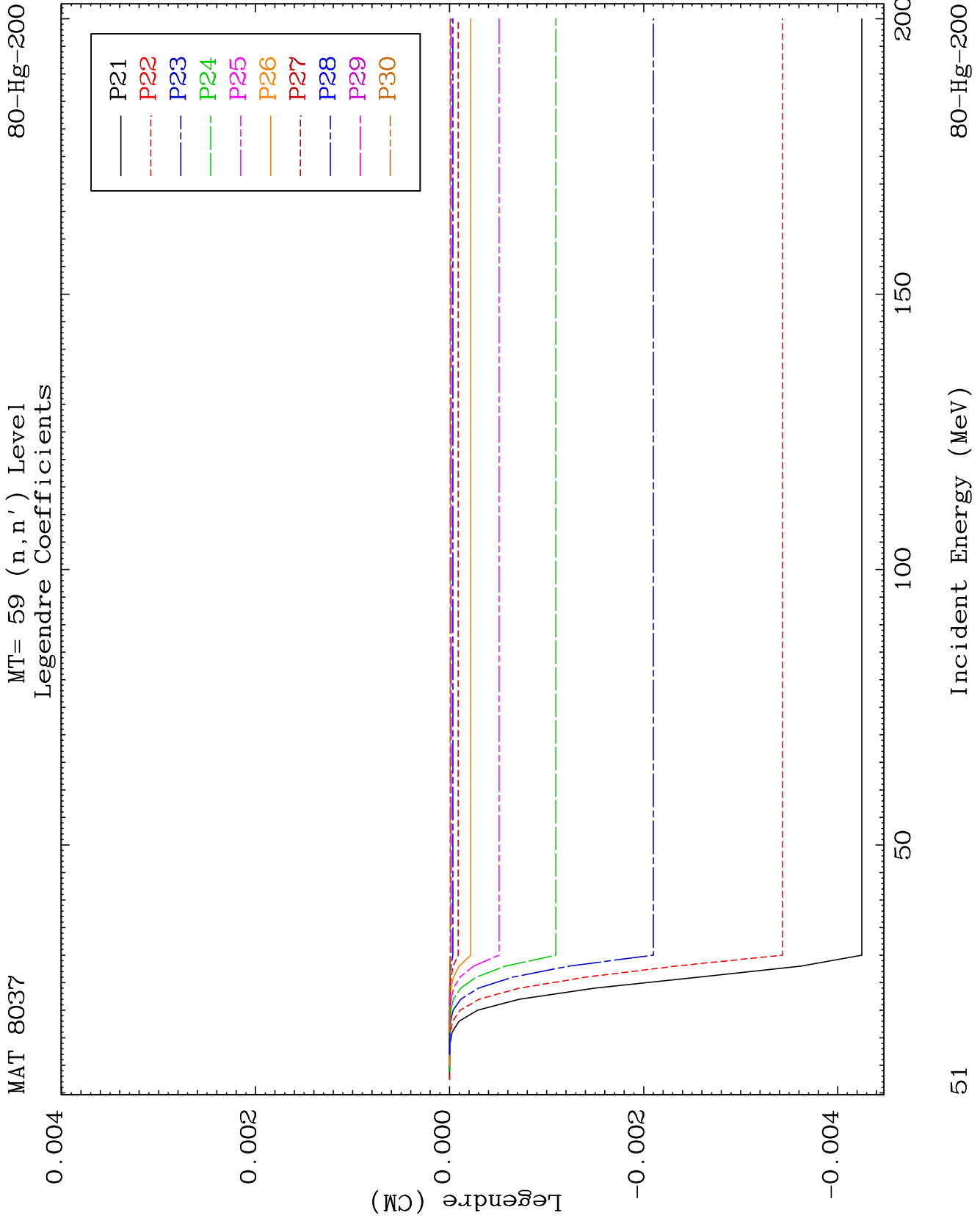


49

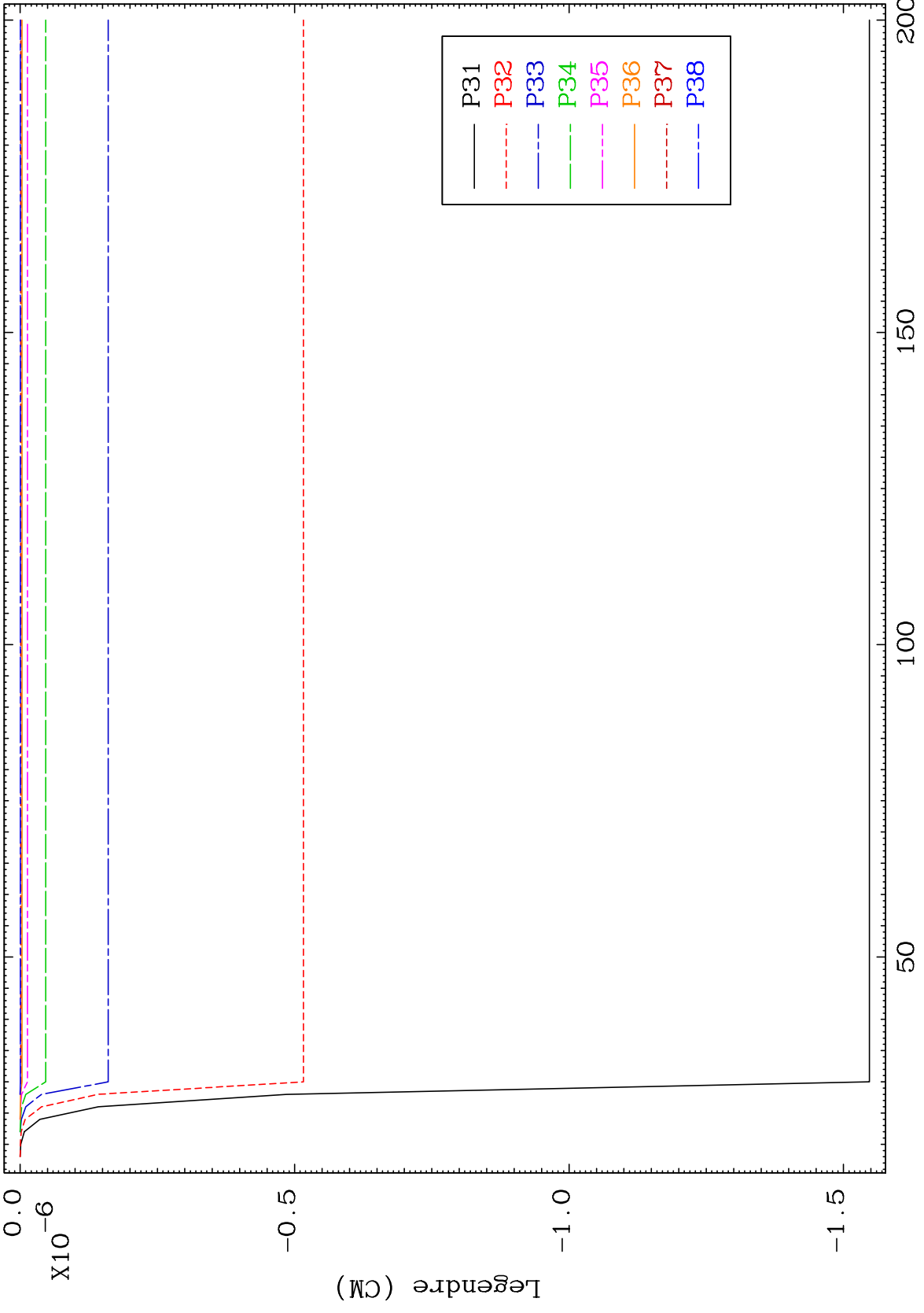
Incident Energy (MeV)

80-Hg-200

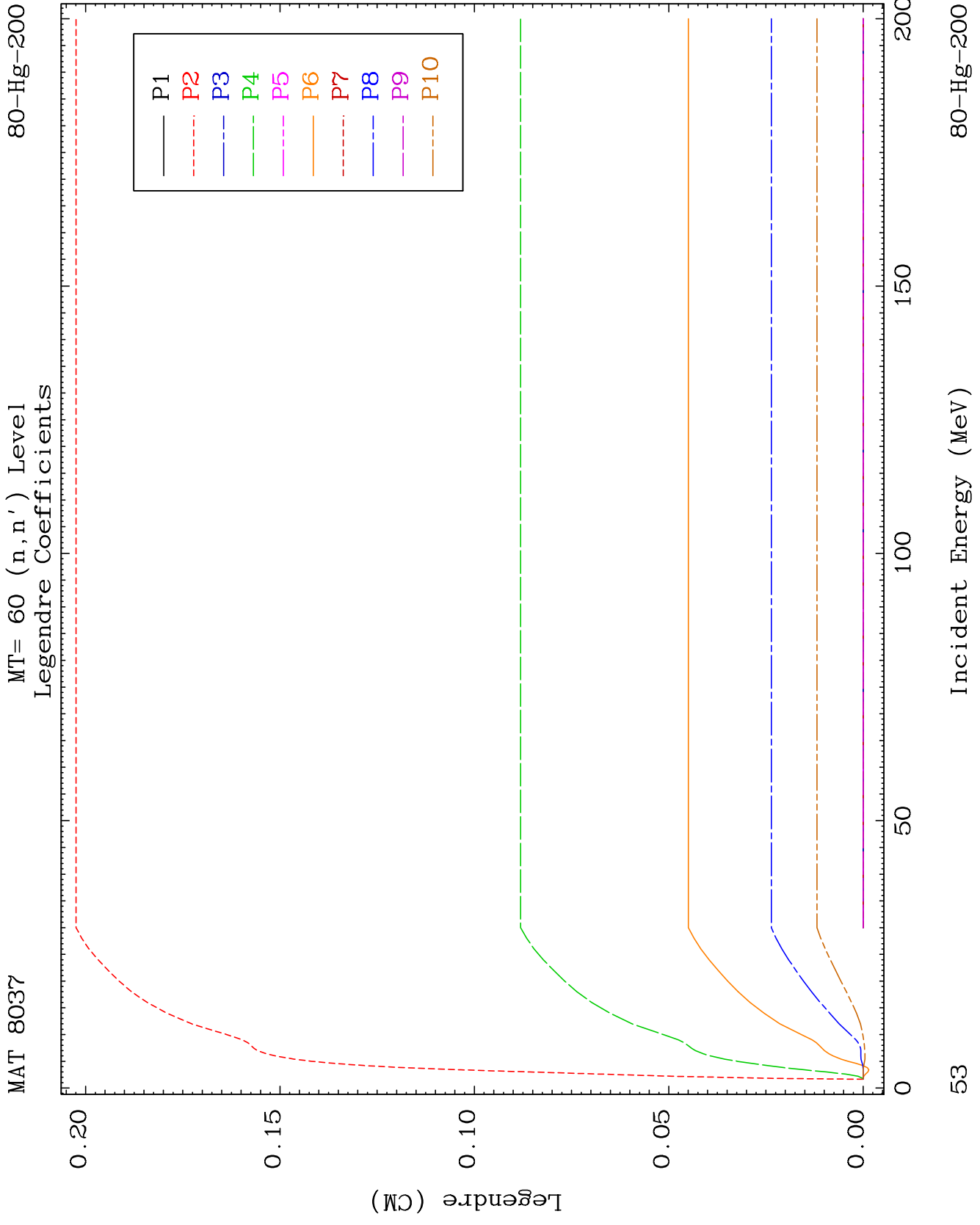


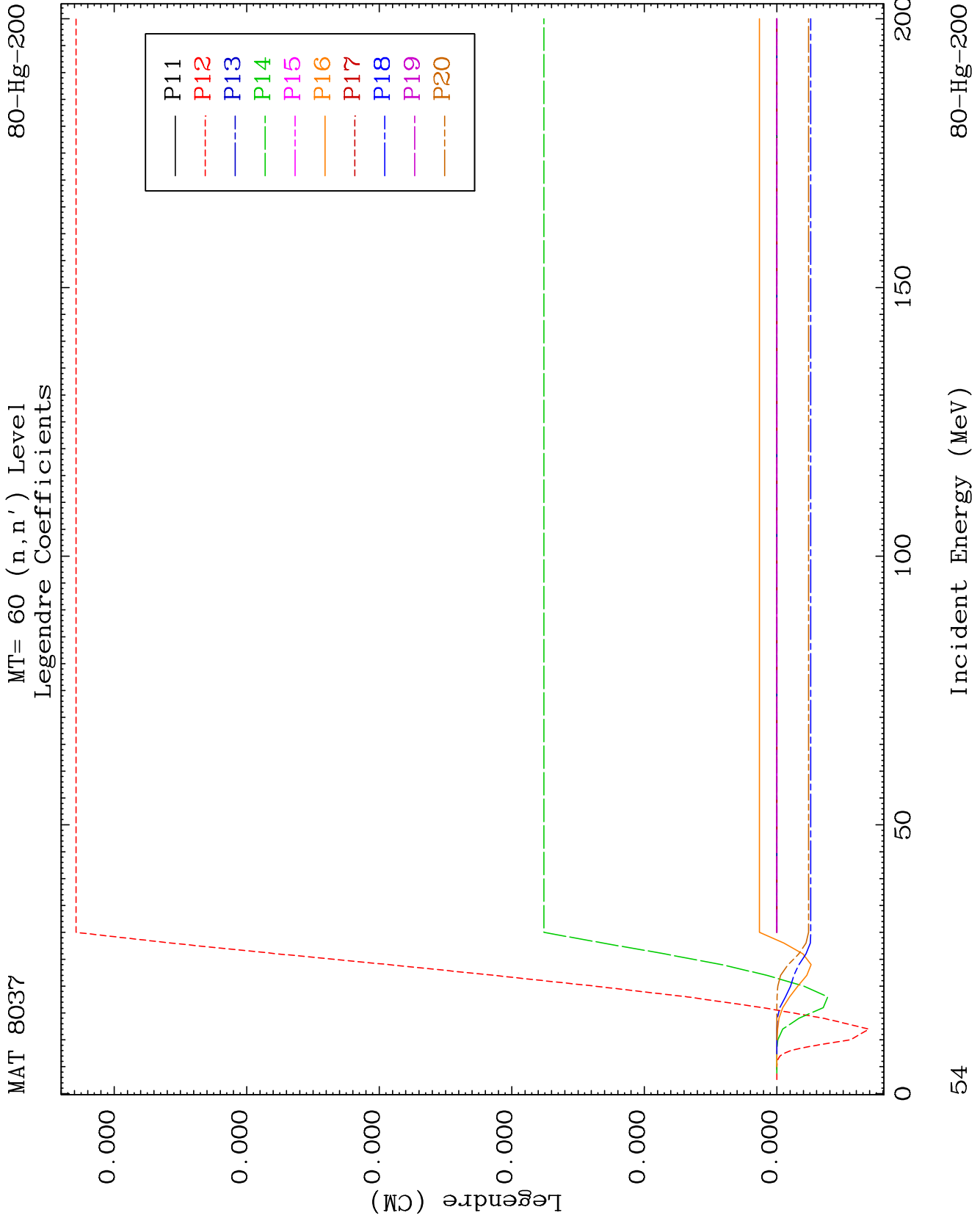


MAT 8037 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-200

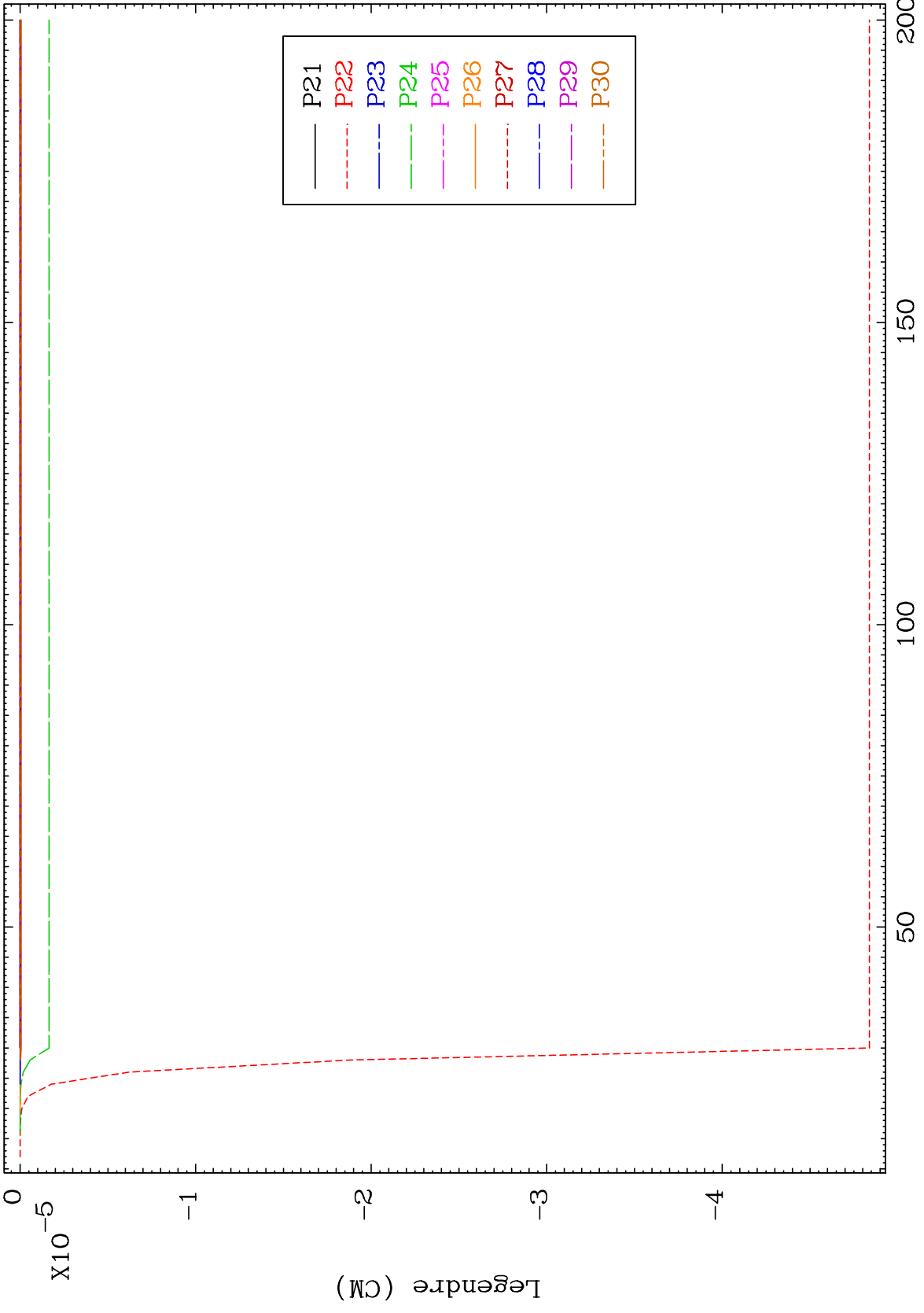


52 Incident Energy (MeV) 80-Hg-200





MAT 8037 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-200

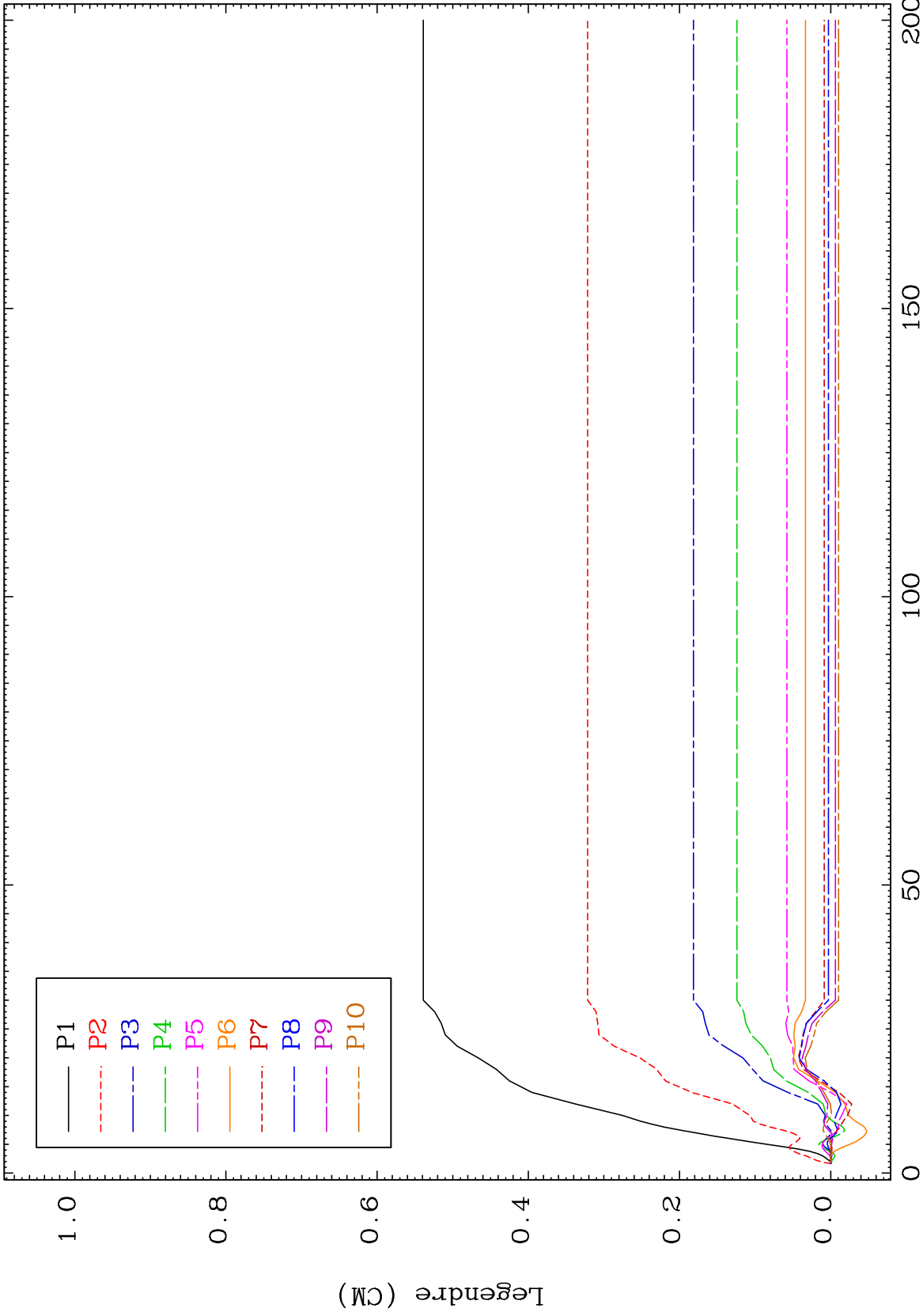


55 Incident Energy (MeV) 80-Hg-200

MAT 8037

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

80-Hg-200



56

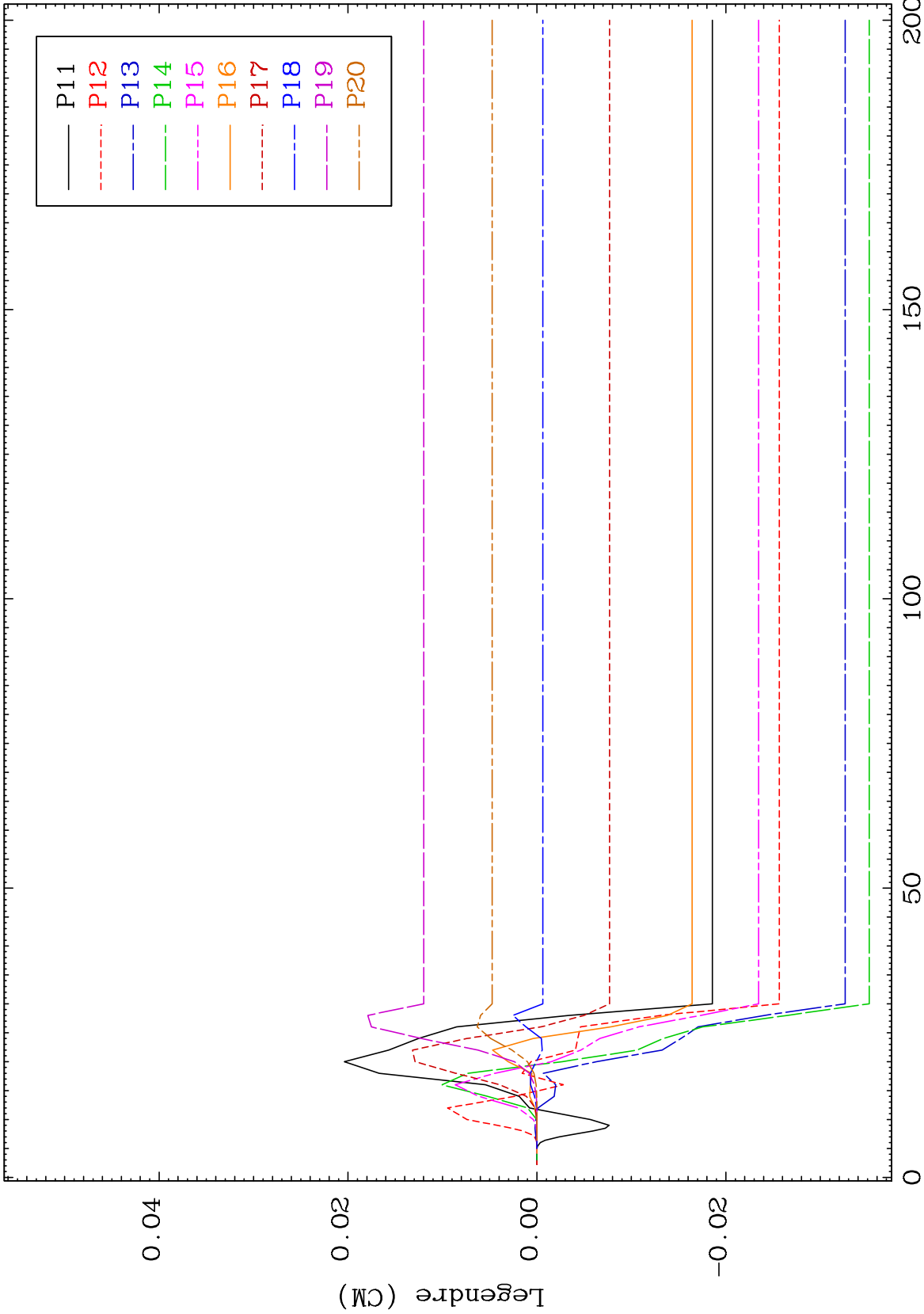
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



57

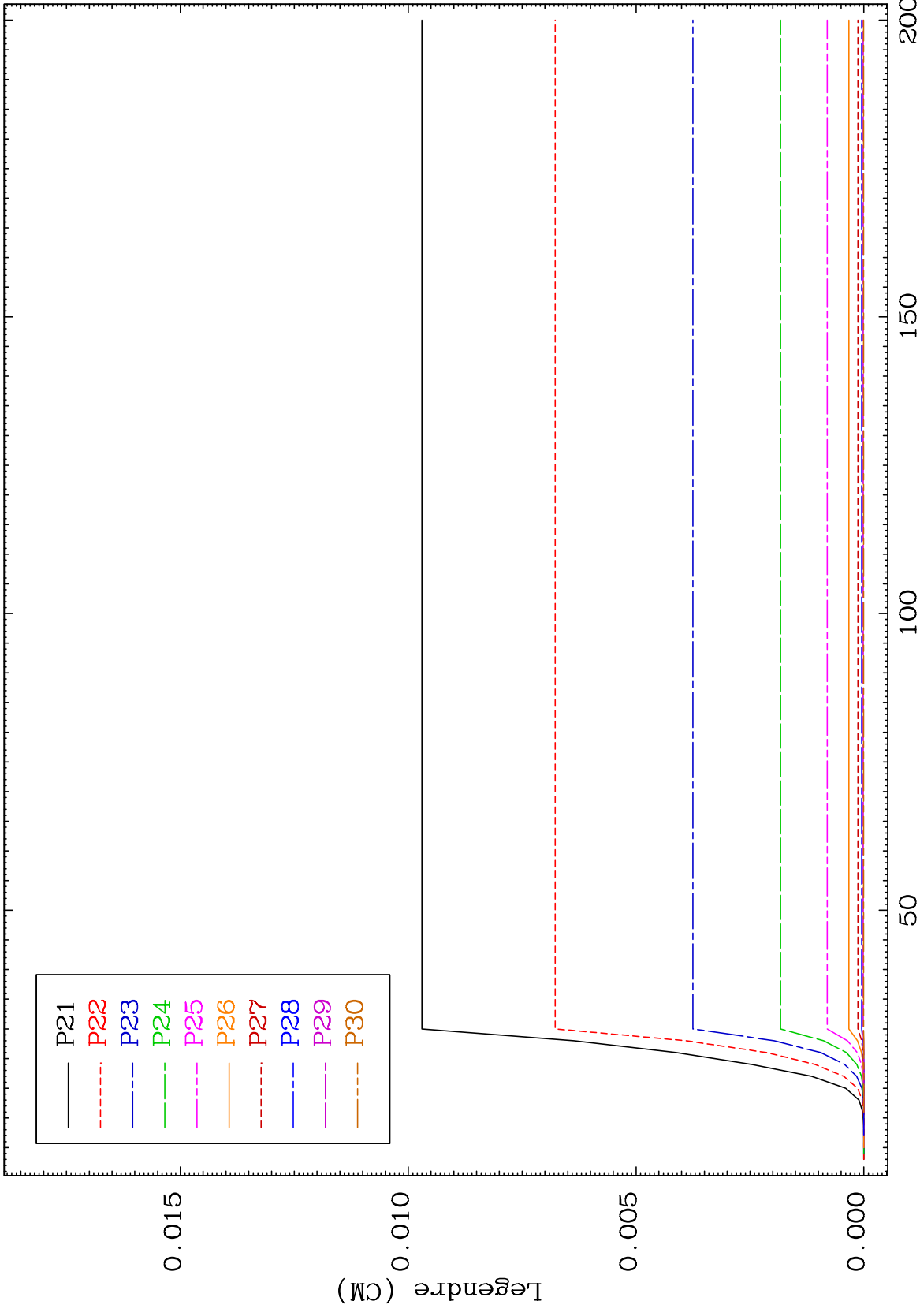
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



58

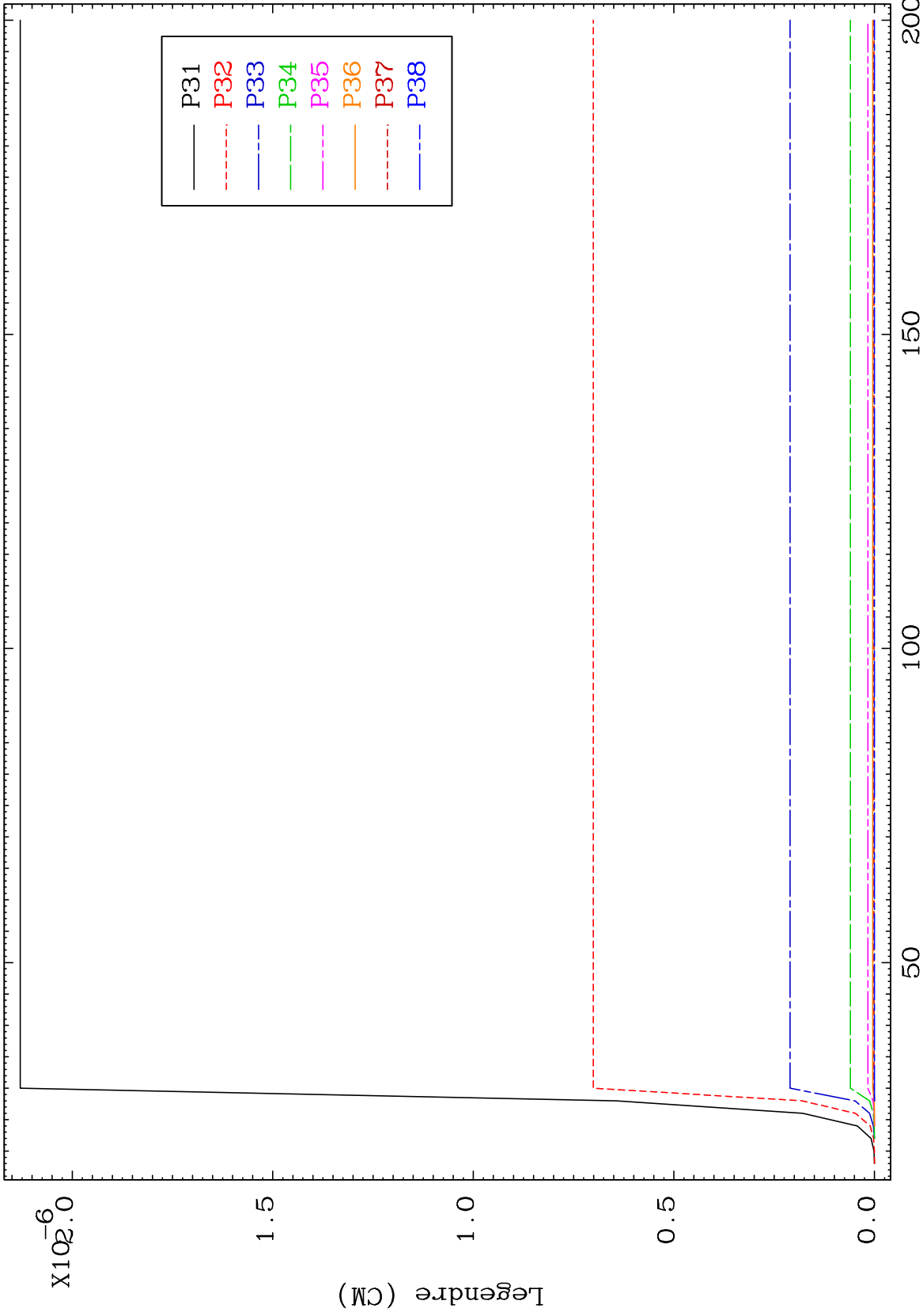
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

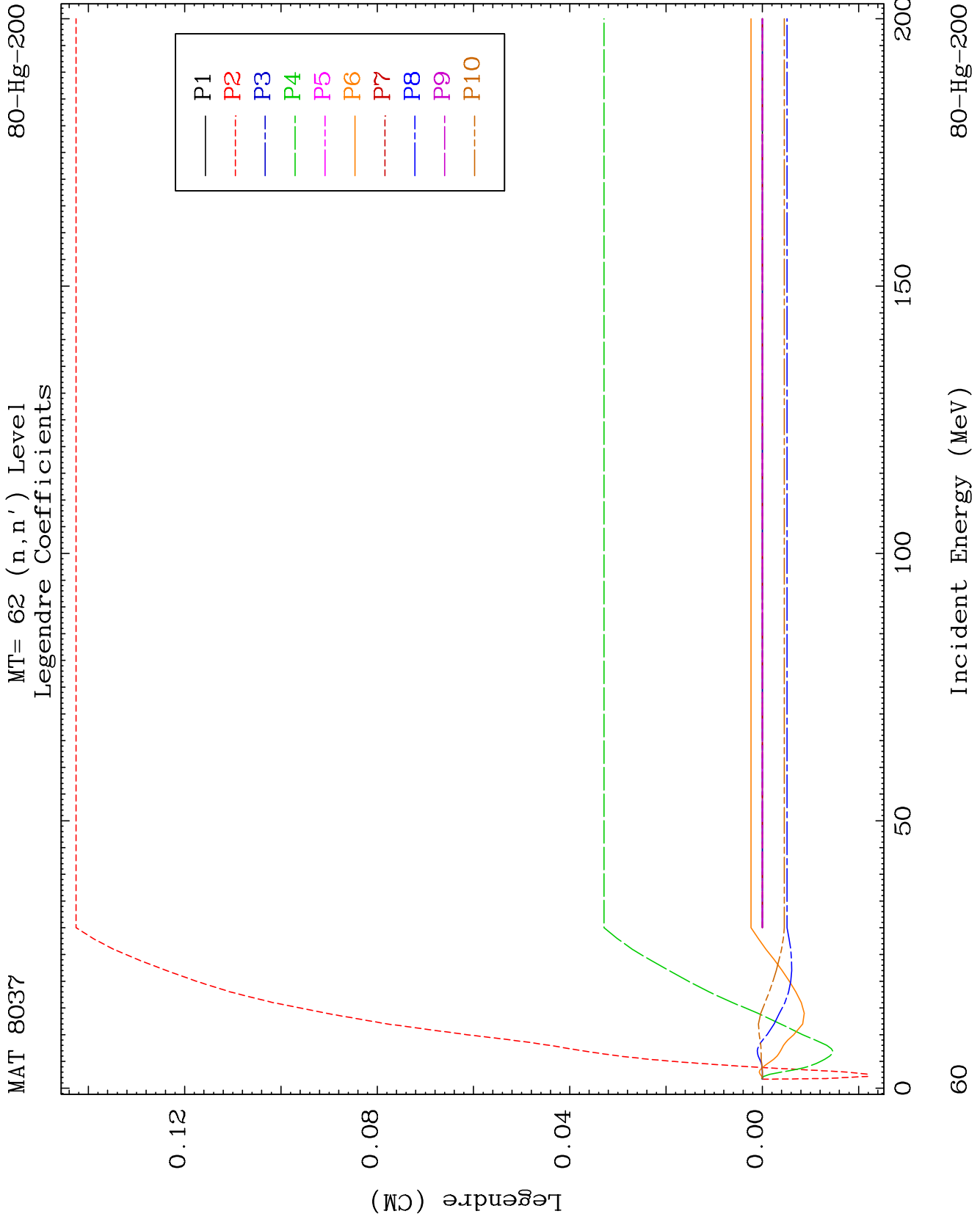
80-Hg-200



59

Incident Energy (MeV)

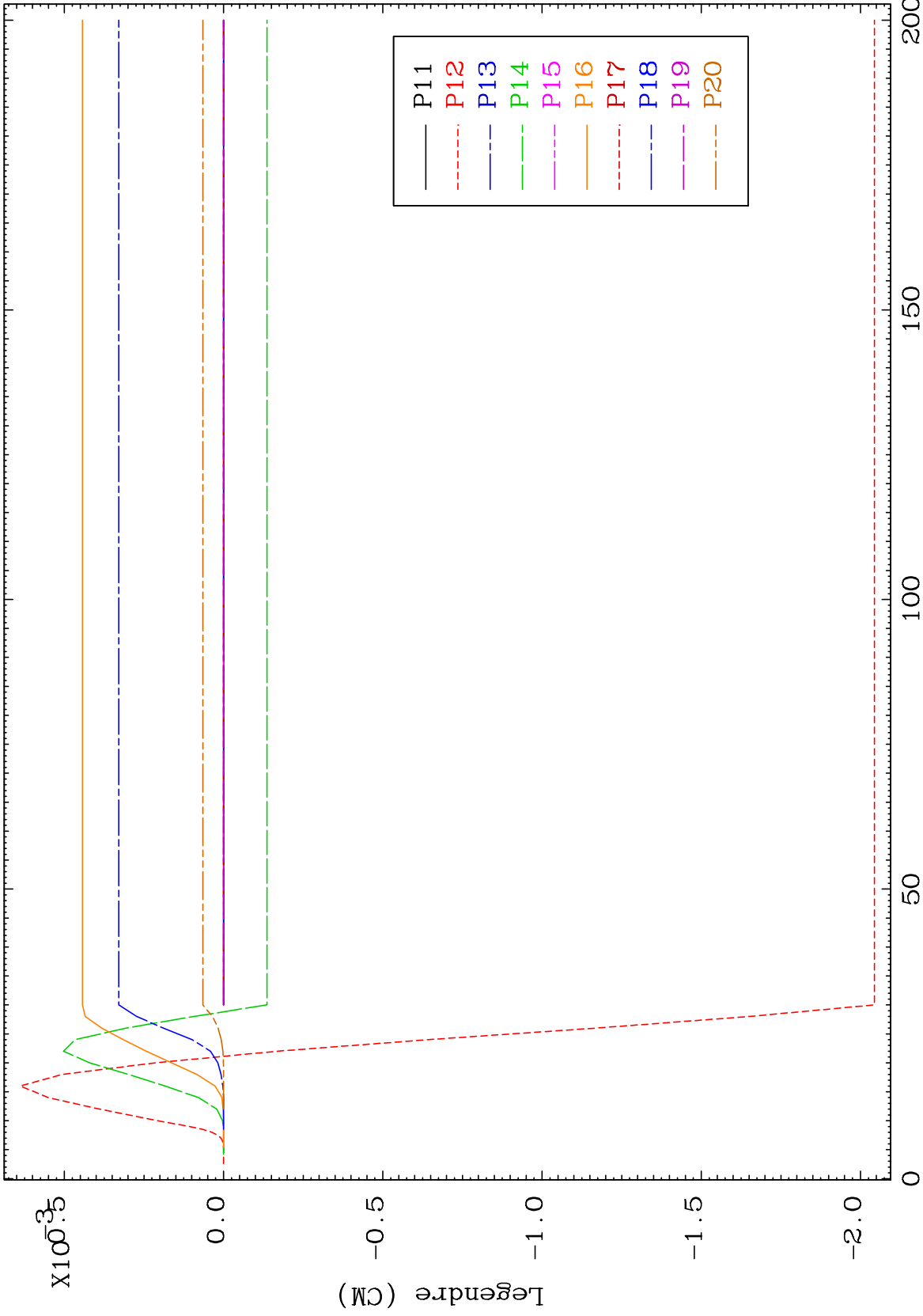
80-Hg-200



MAT 8037

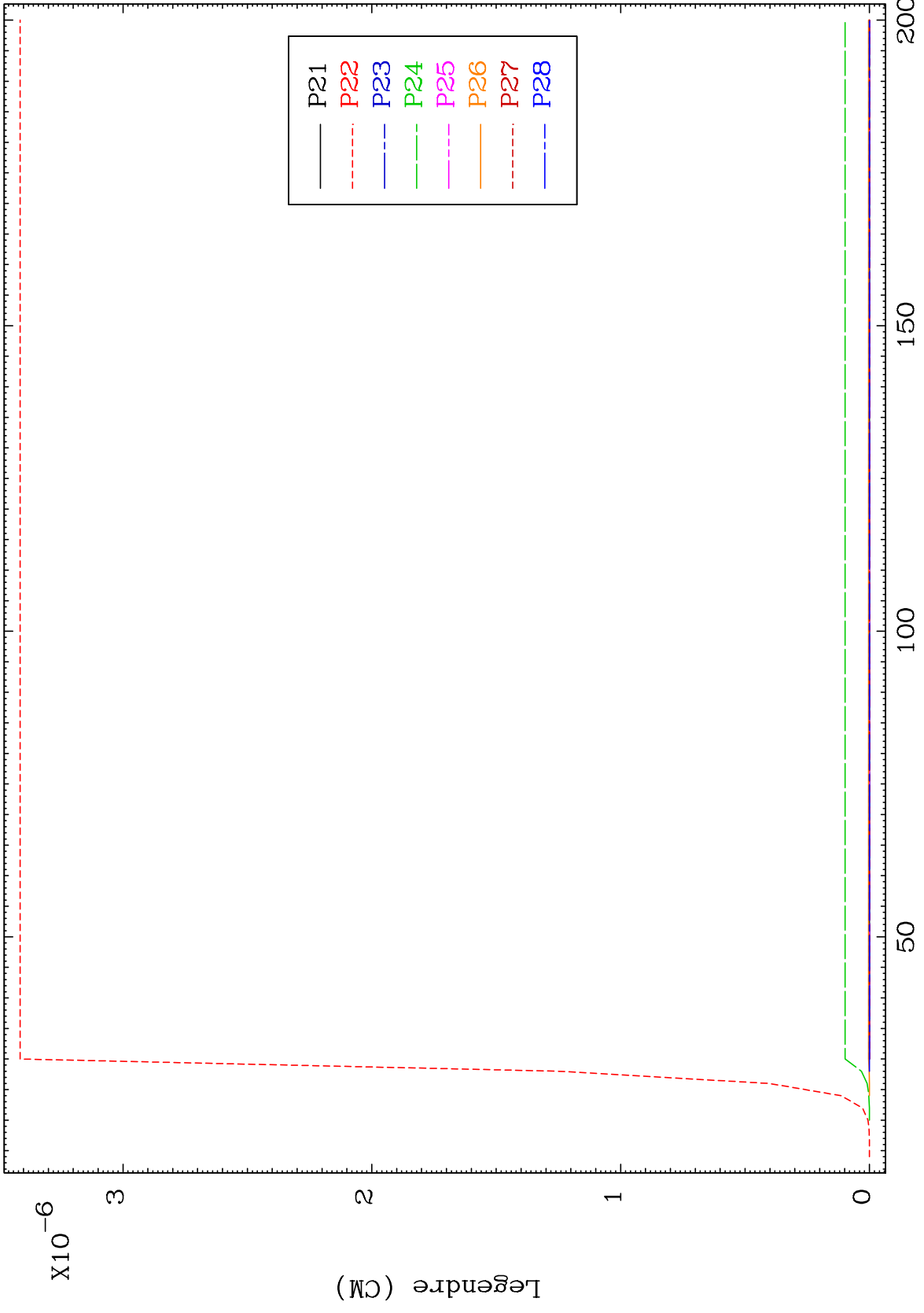
MT= 62 (n,n') Level
Legendre Coefficients

80-Hg-200



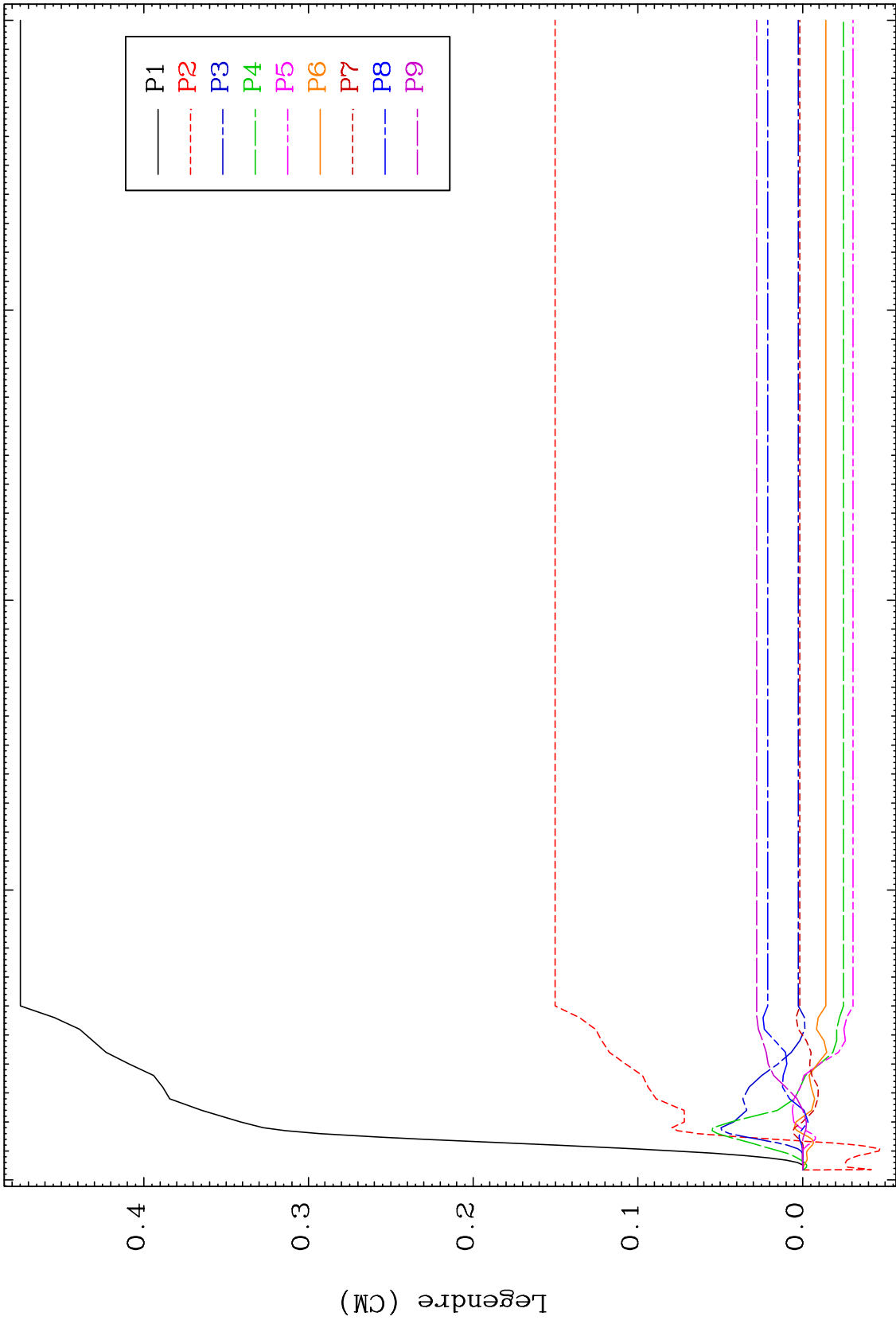
61

MAT 8037 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-200



62 80-Hg-200

MAT 8037 MT= 63 (n,n') Level Legendre Coefficients 80-Hg-200

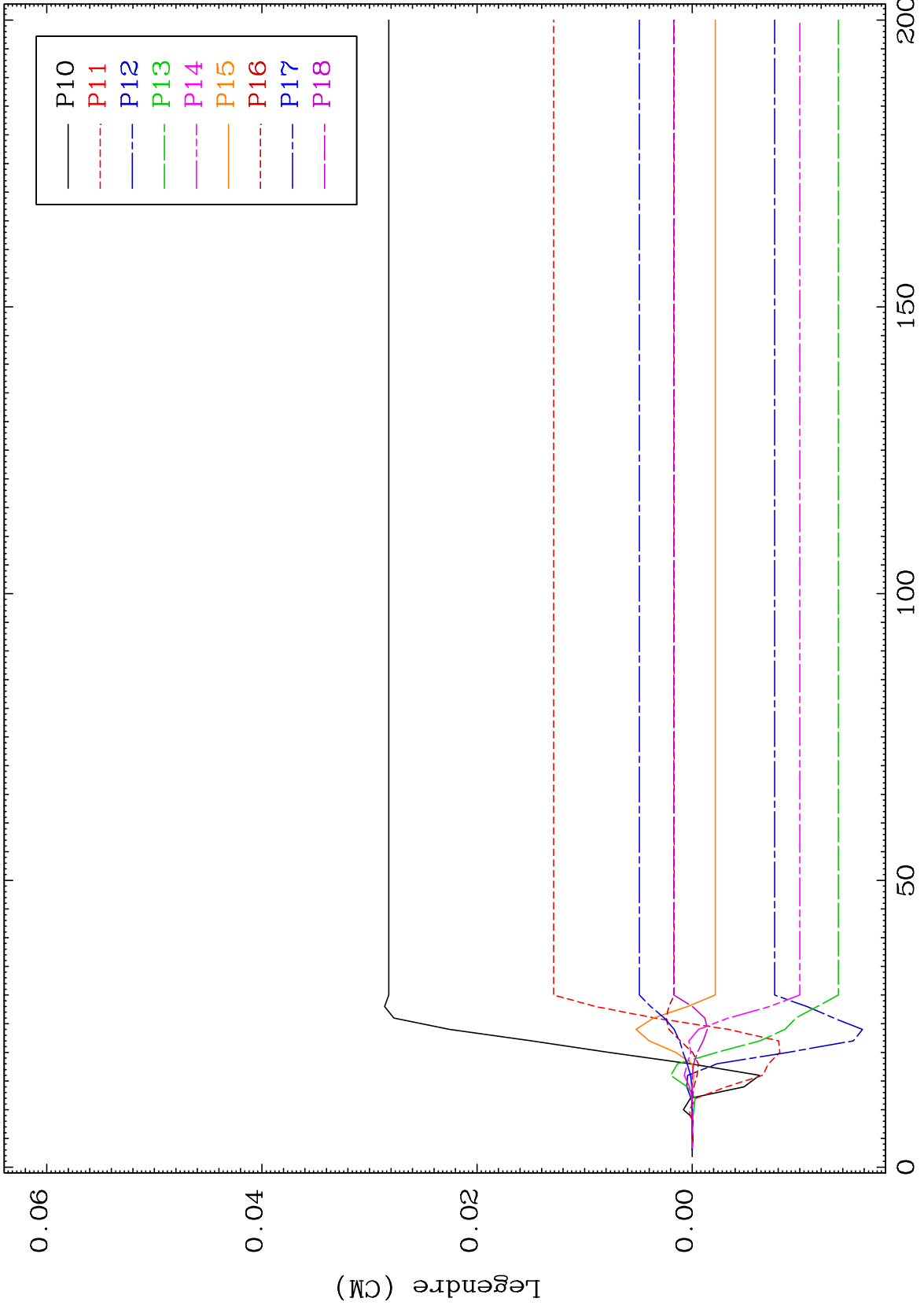


63 Incident Energy (MeV) 80-Hg-200

MAT 8037

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

80-Hg-200



64

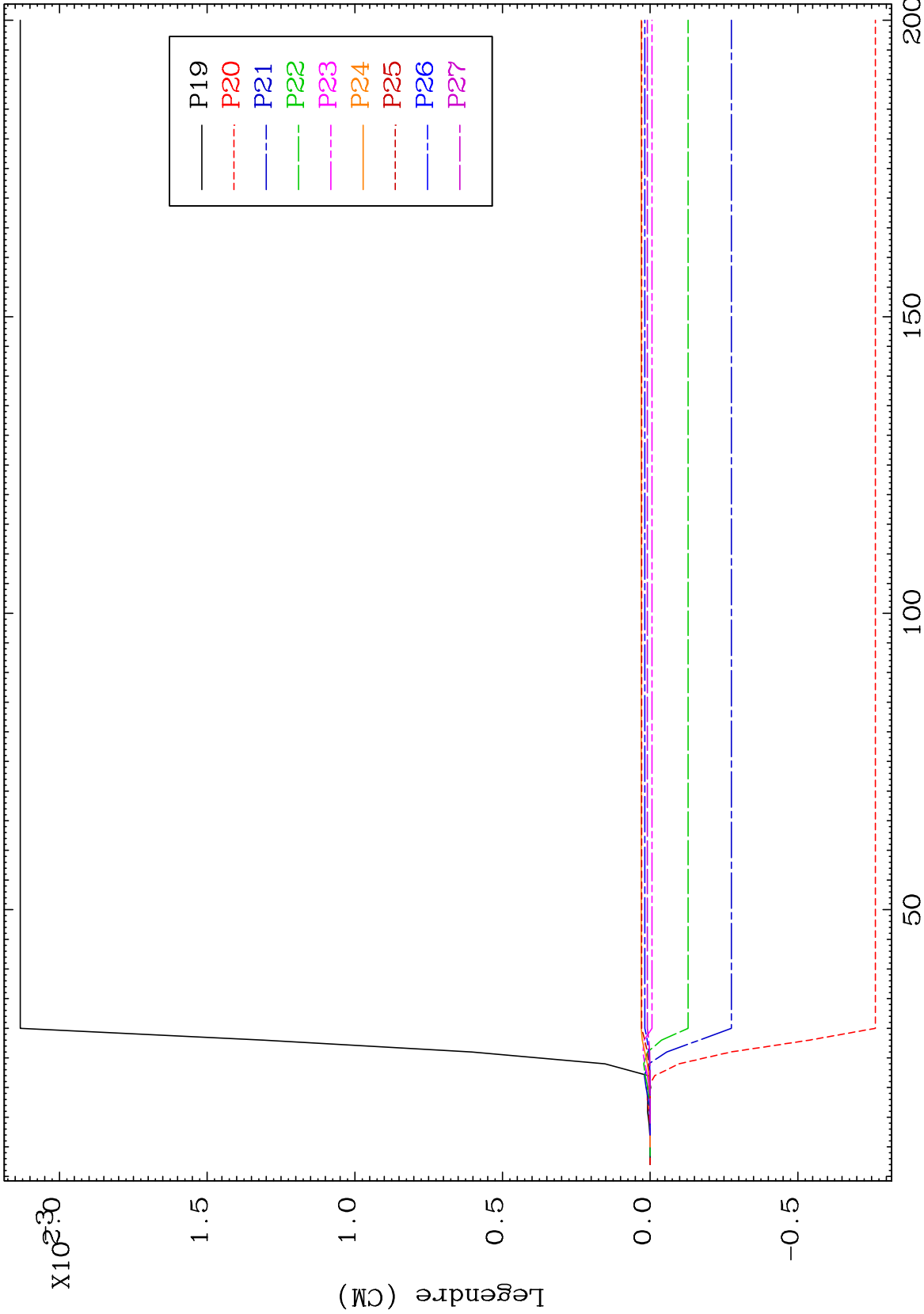
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



65

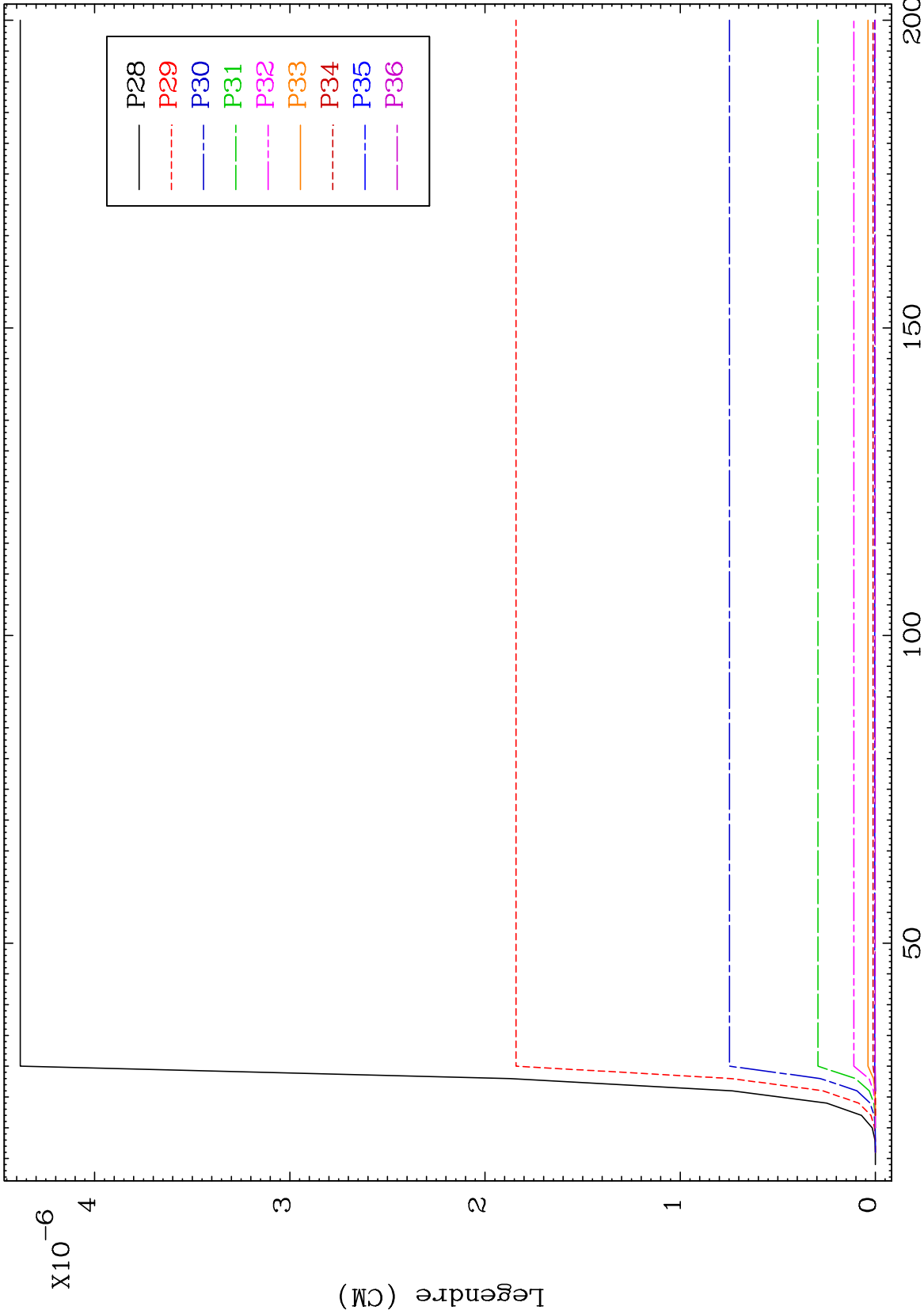
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

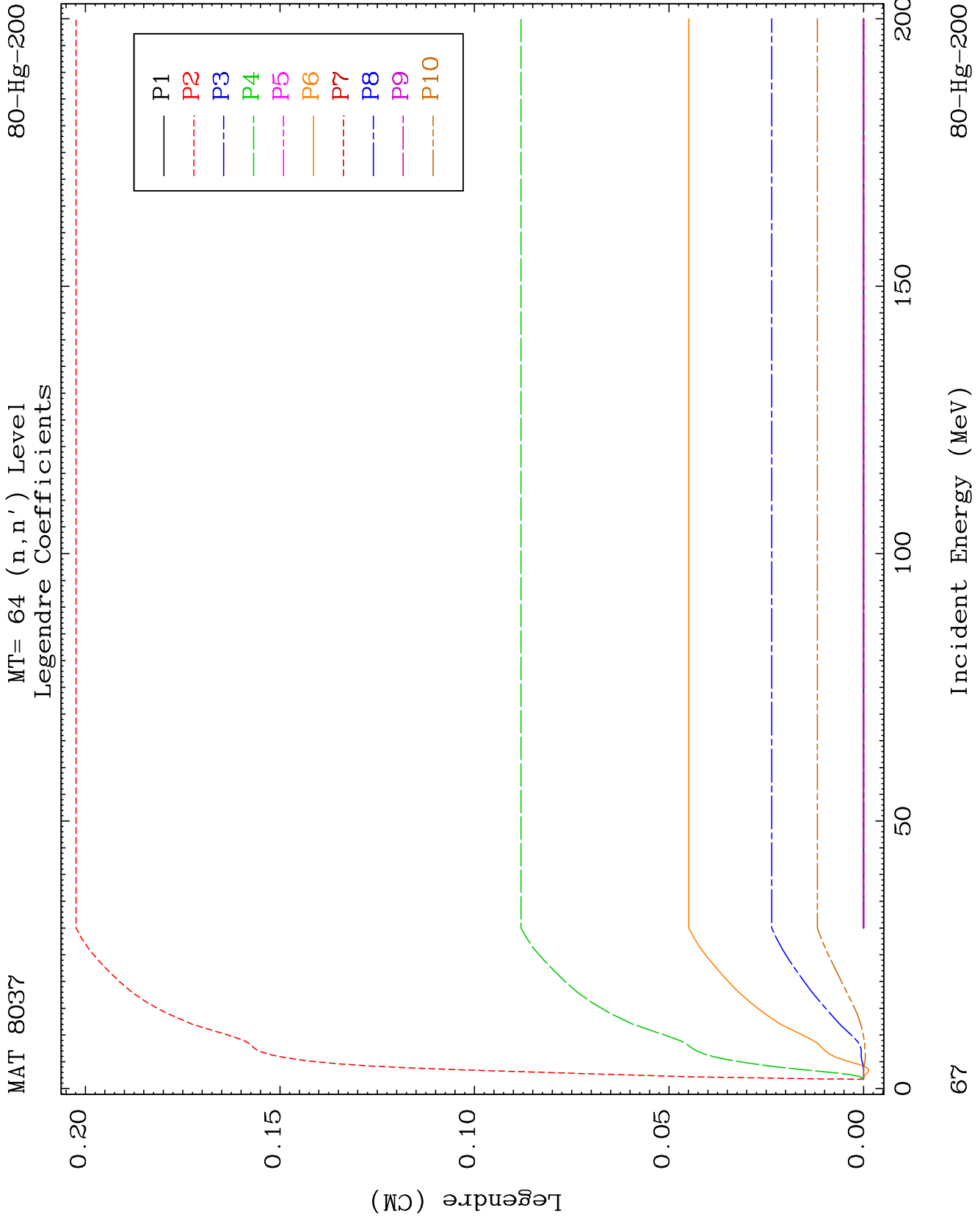
80-Hg-200

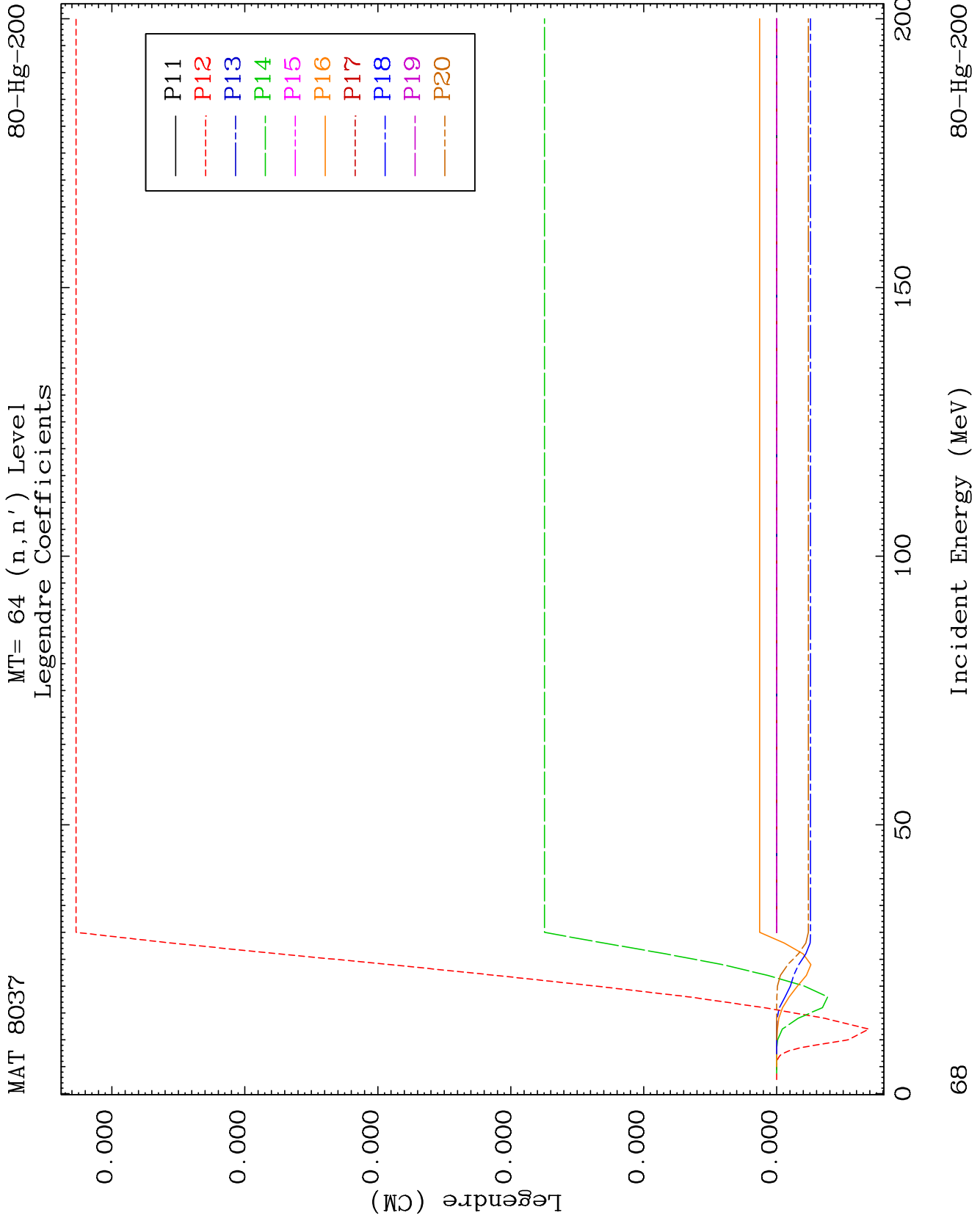


66

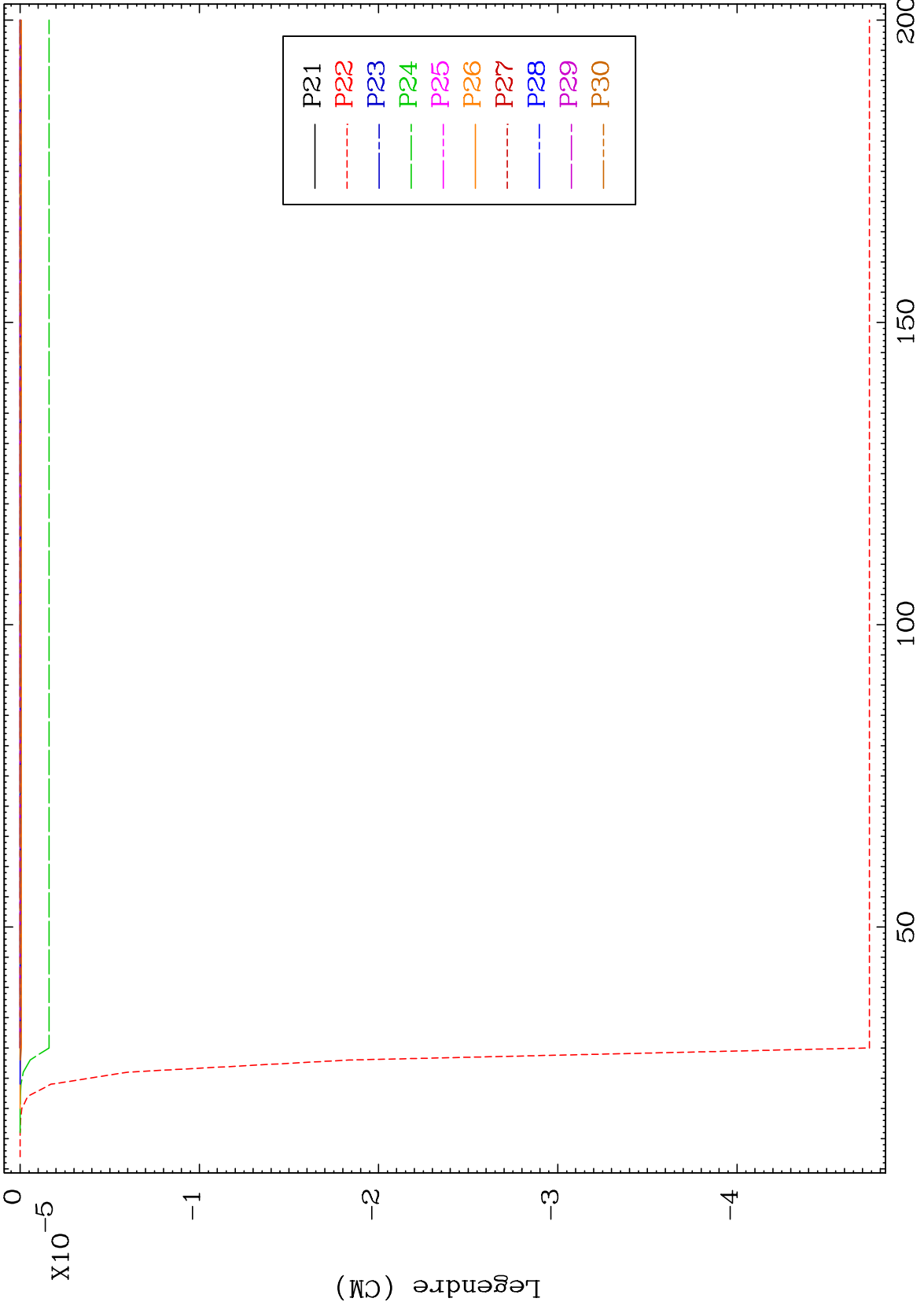
Incident Energy (MeV)

80-Hg-200





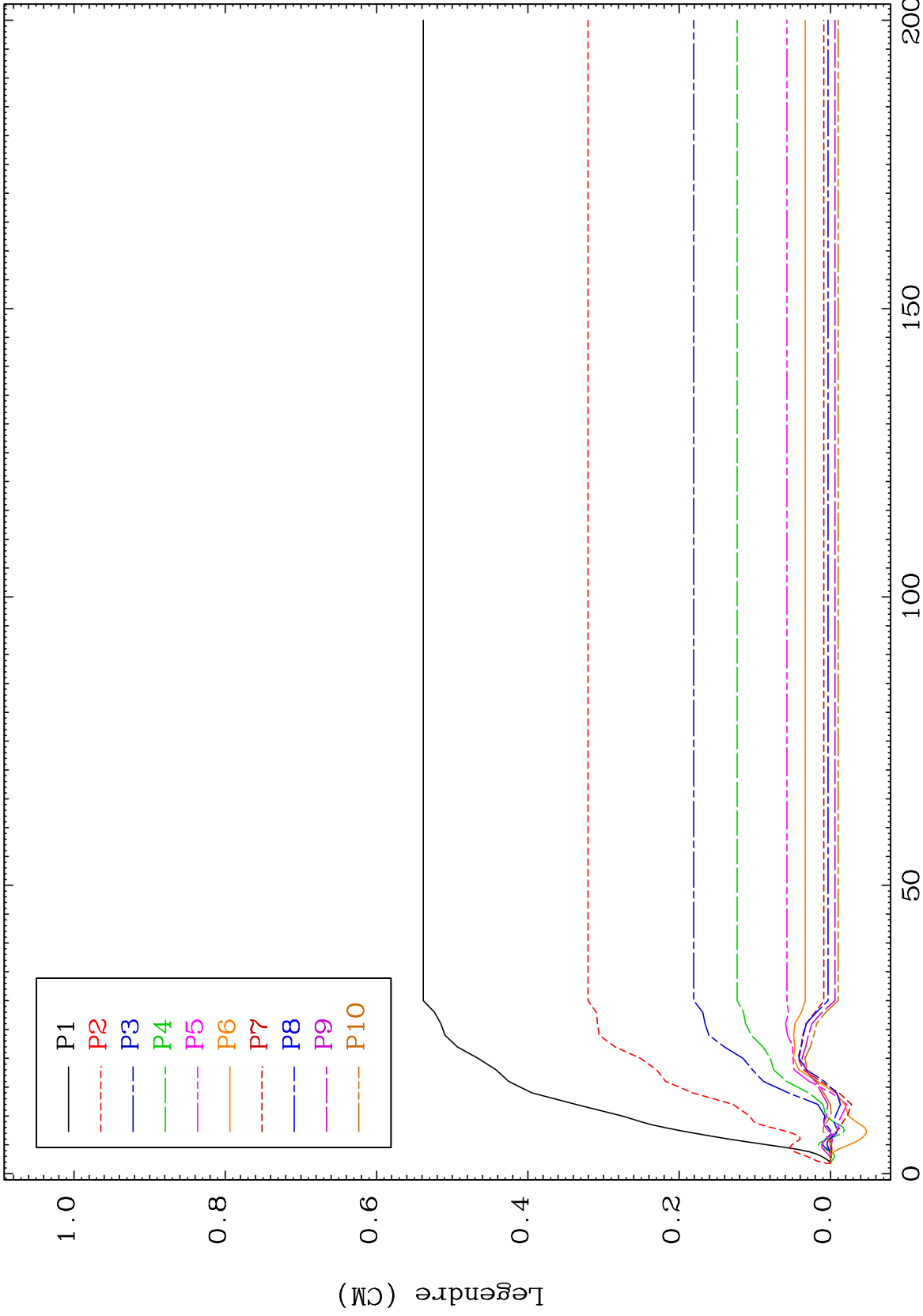
MAT 8037 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-200



MAT 8037

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

80-Hg-200



70

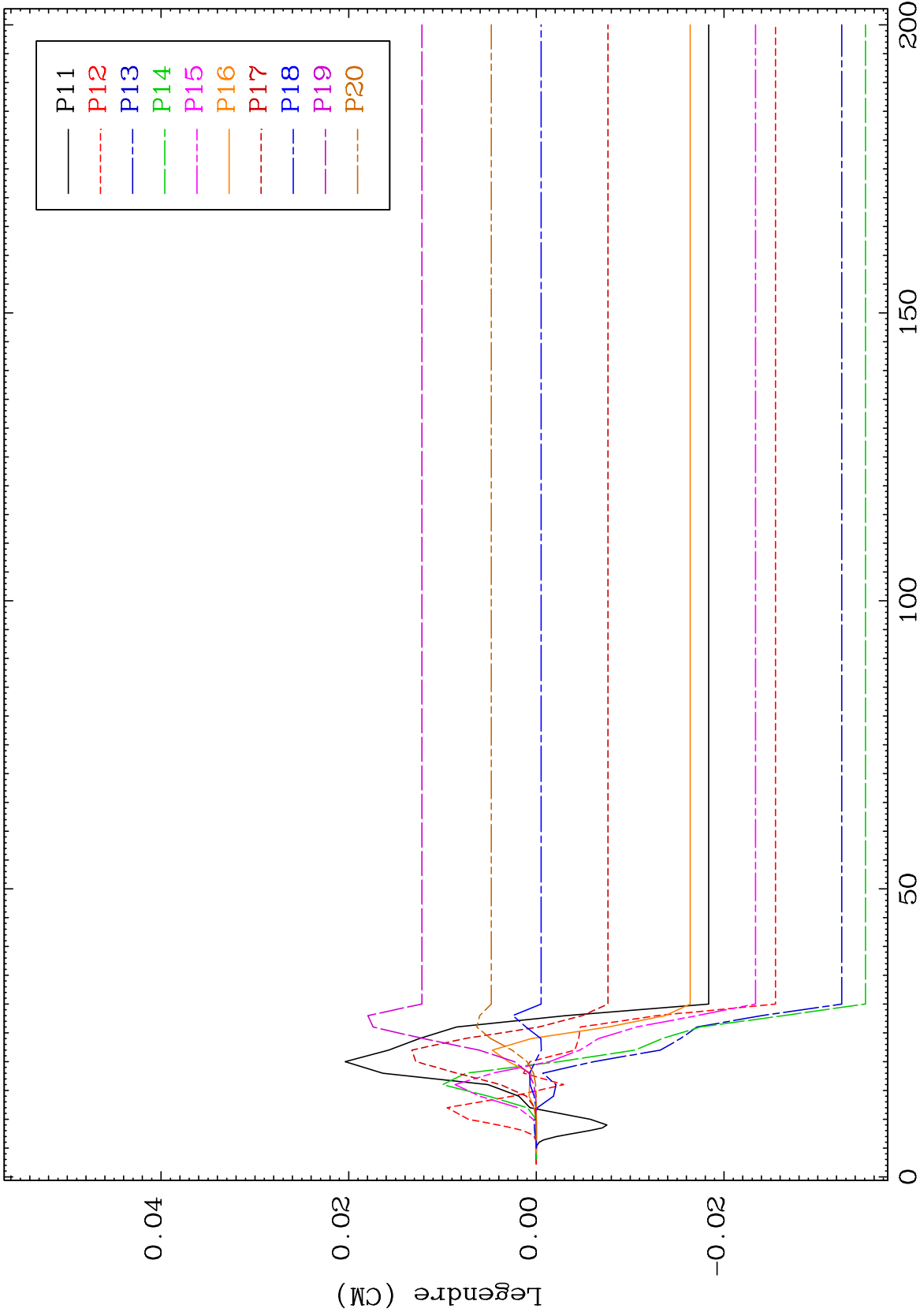
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



71

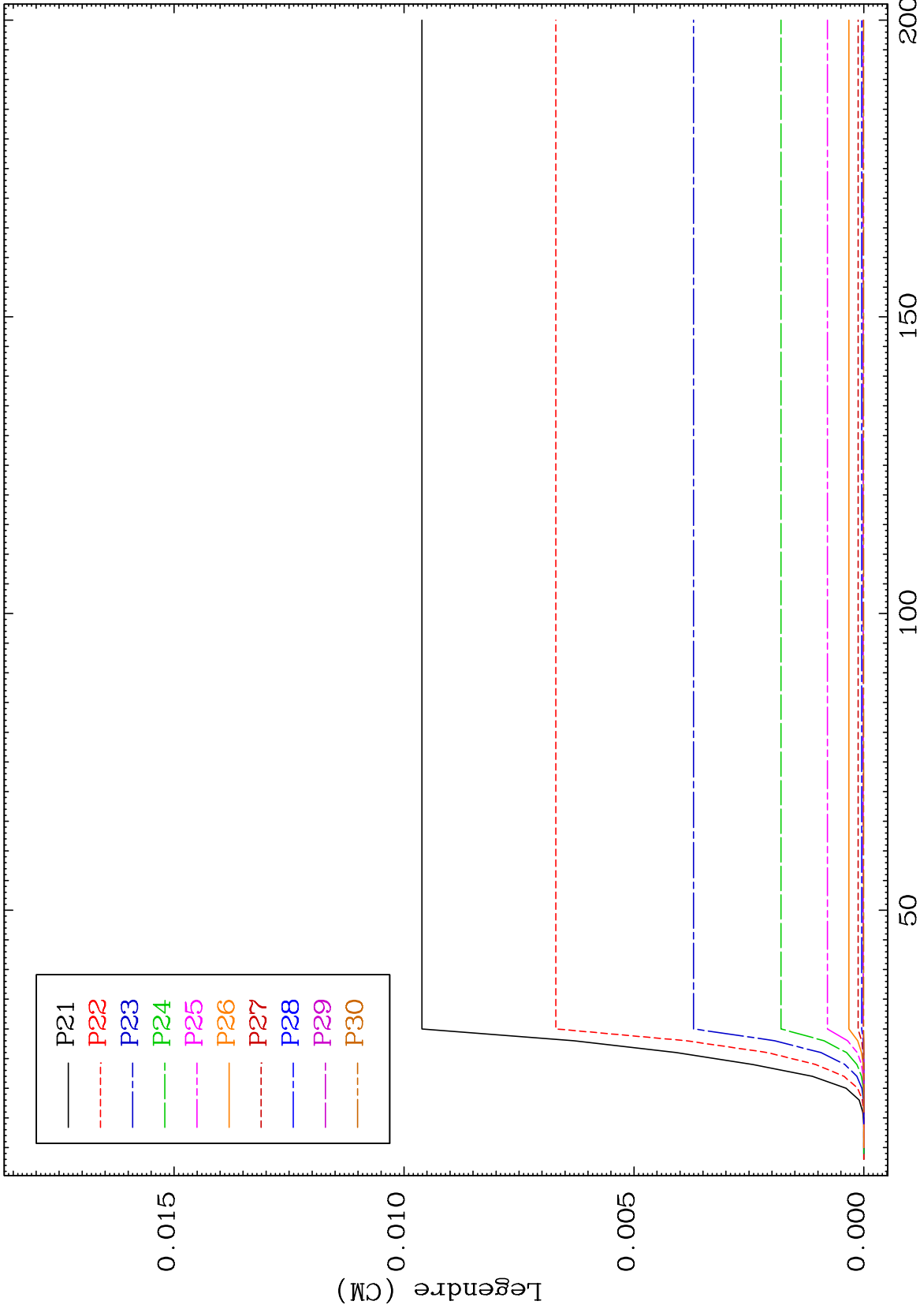
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



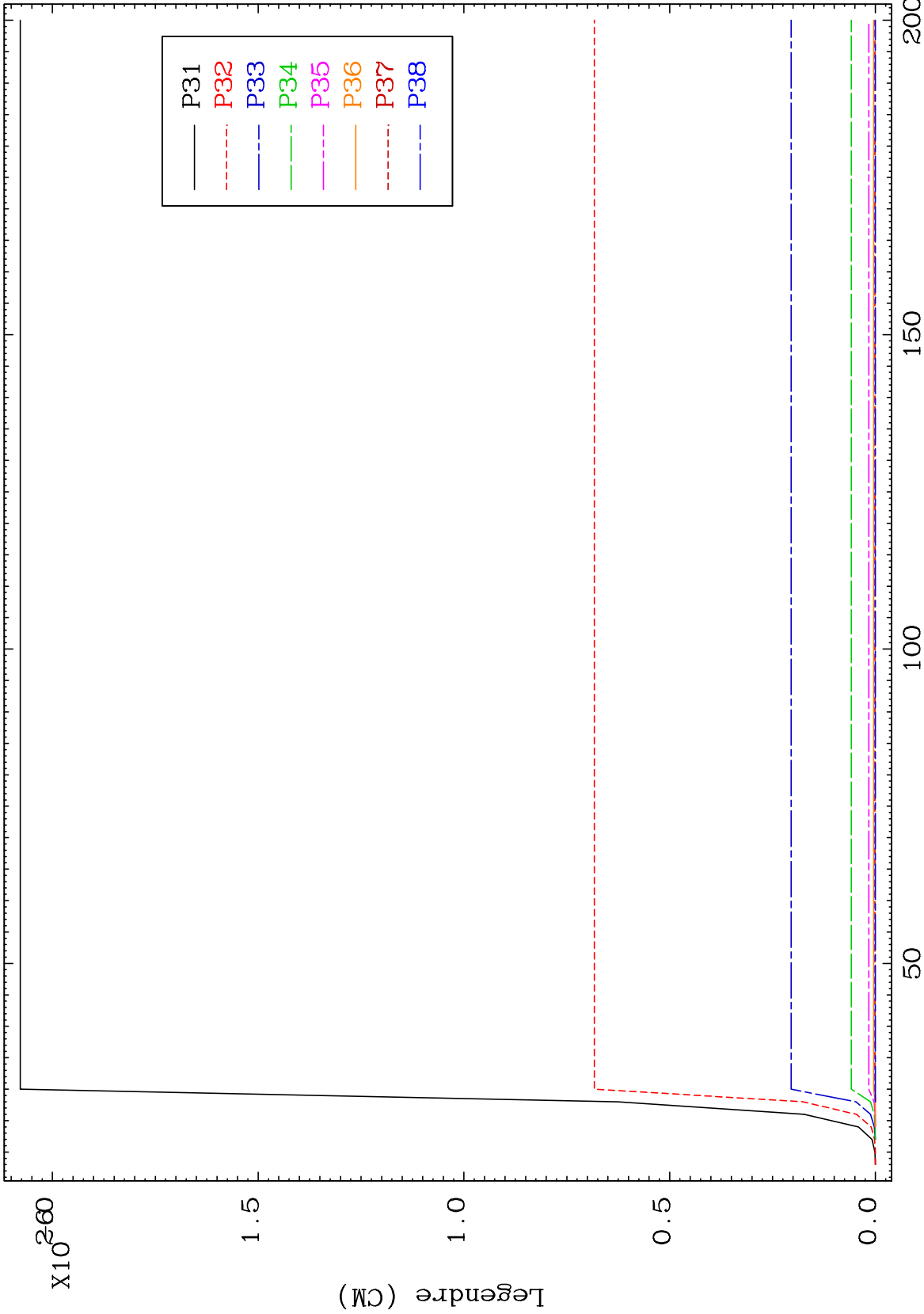
72

80-Hg-200

MAT 8037

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

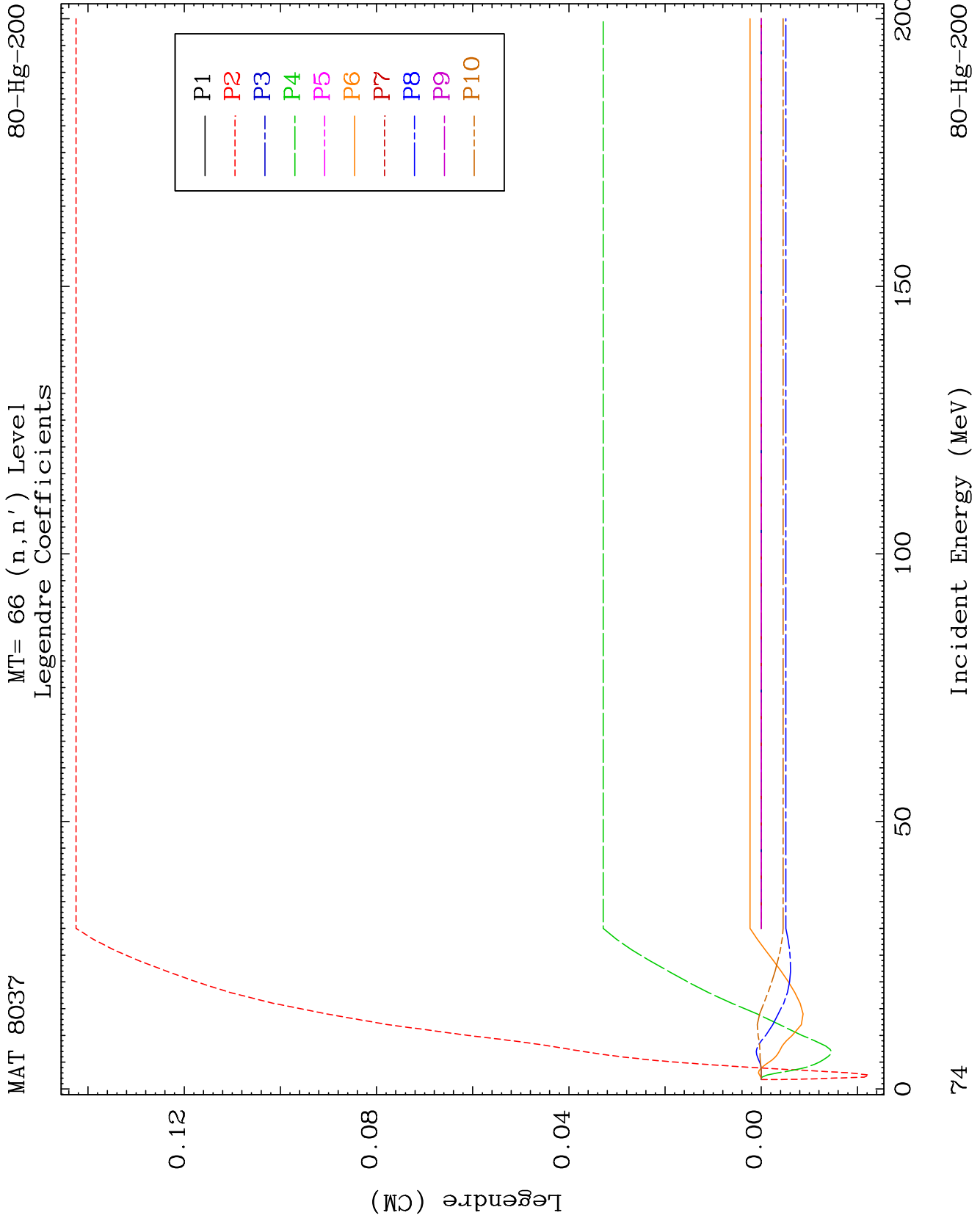
80-Hg-200



73

Incident Energy (MeV)

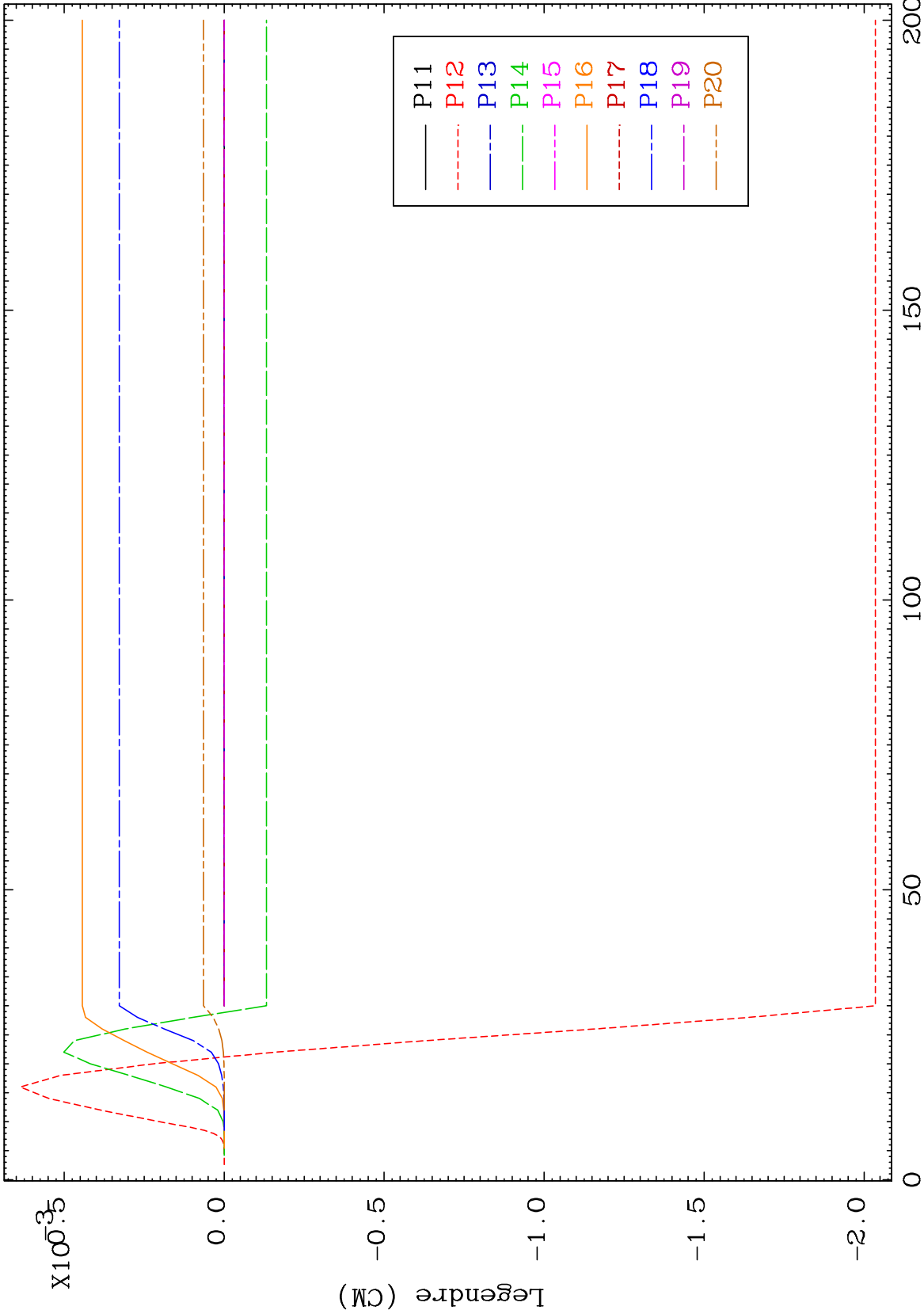
80-Hg-200



MAT 8037

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

80-Hg-200

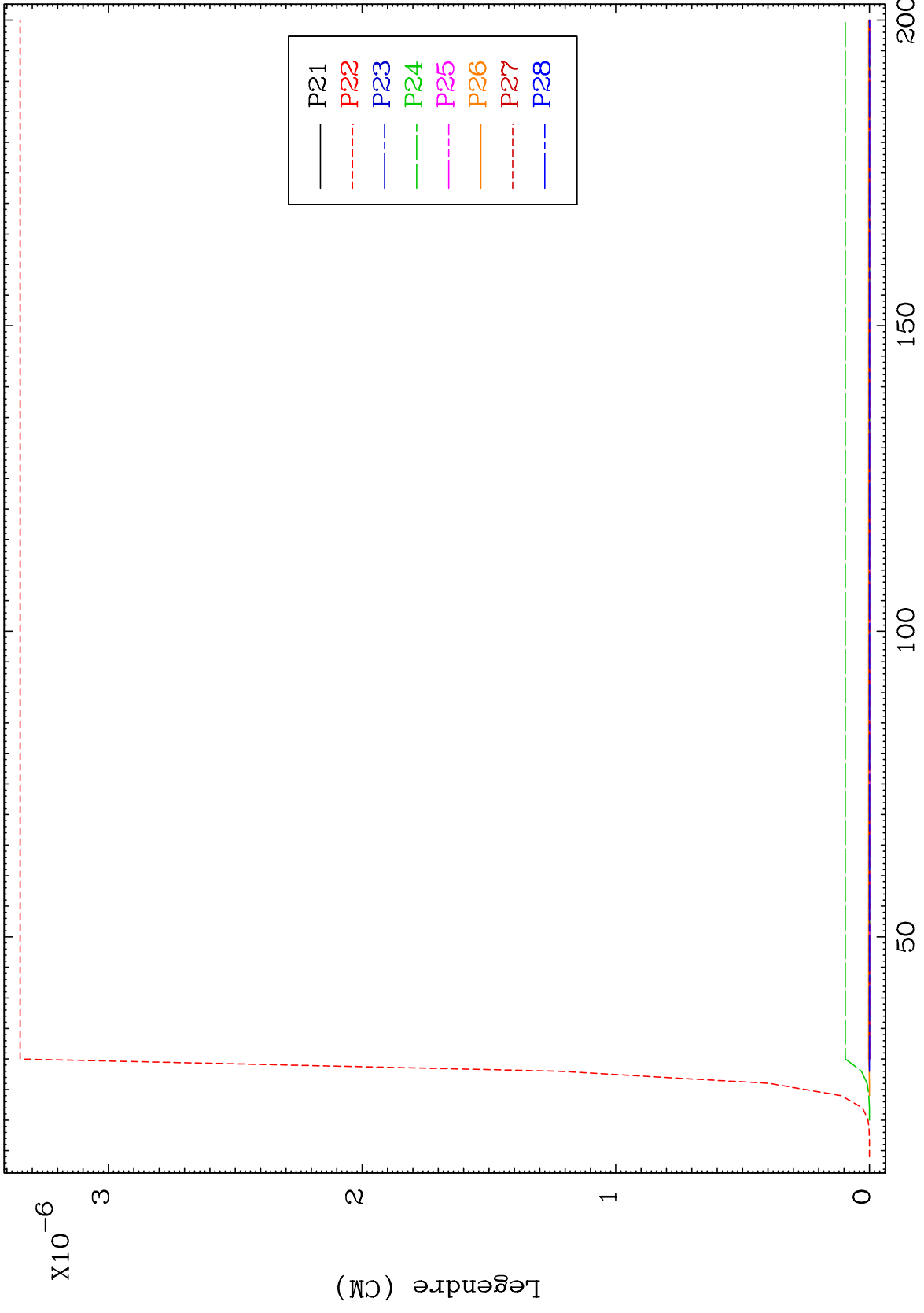


75

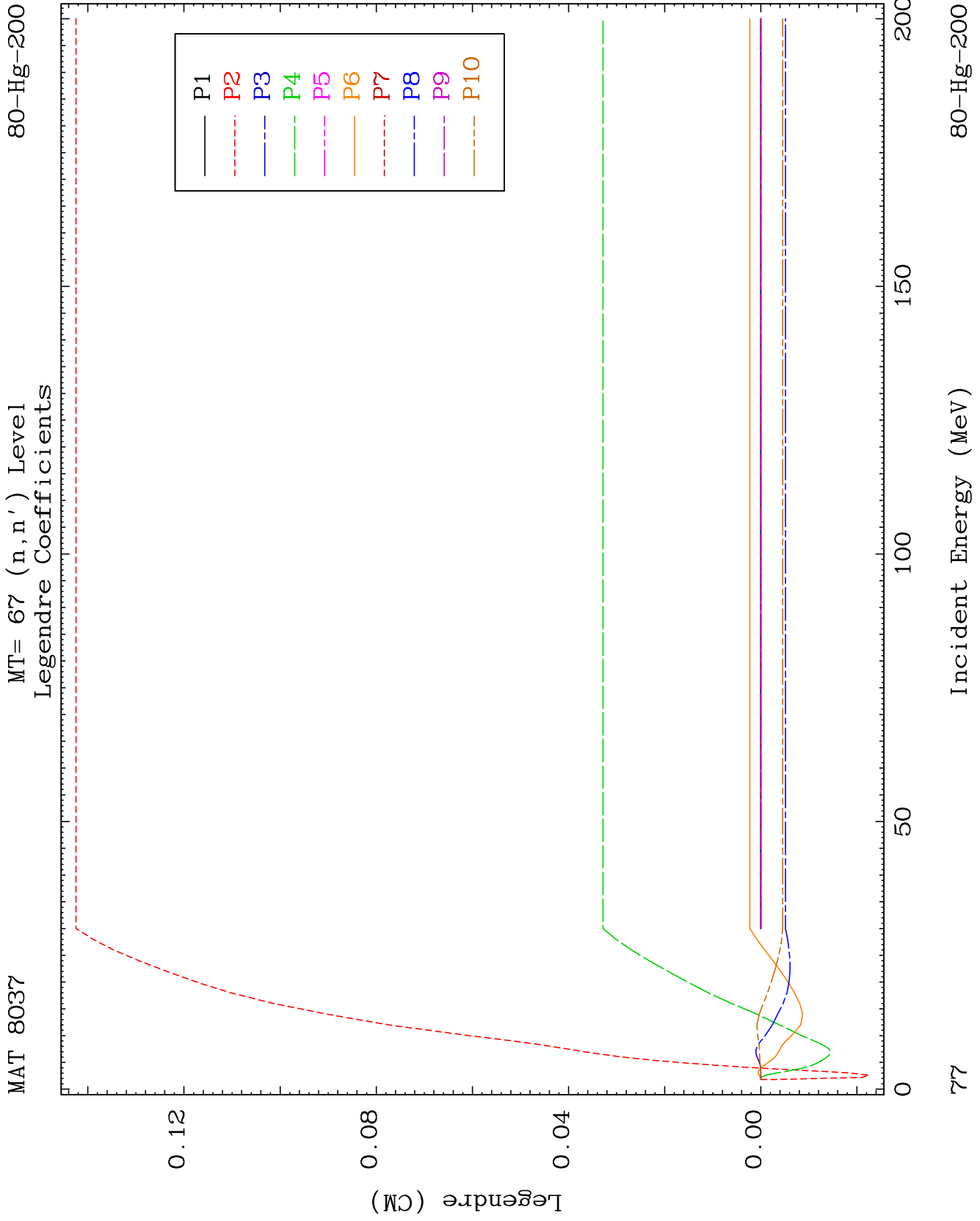
Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 66 (n,n') Level Legendre Coefficients 80-Hg-200



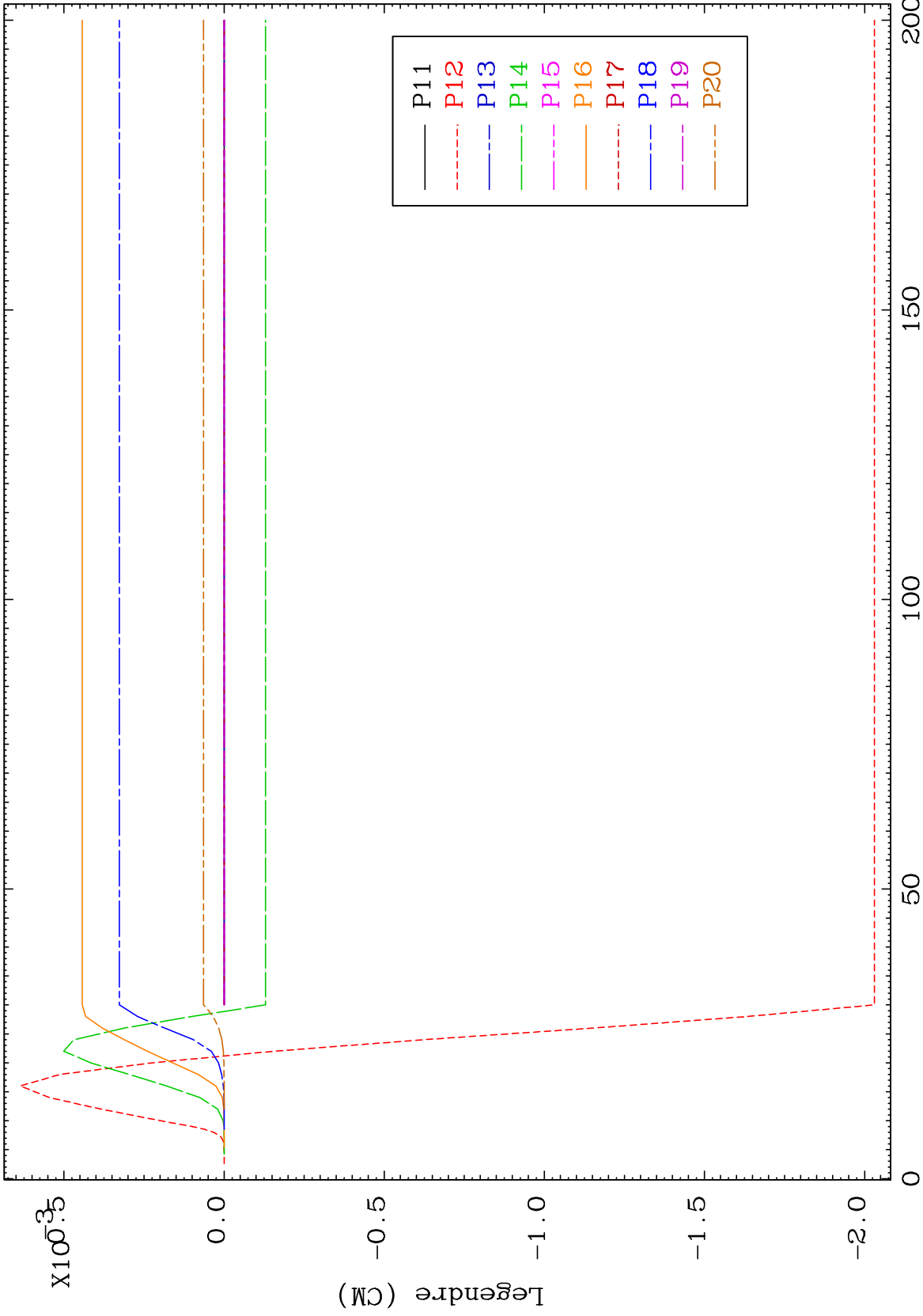
76 80-Hg-200



MAT 8037

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

80-Hg-200



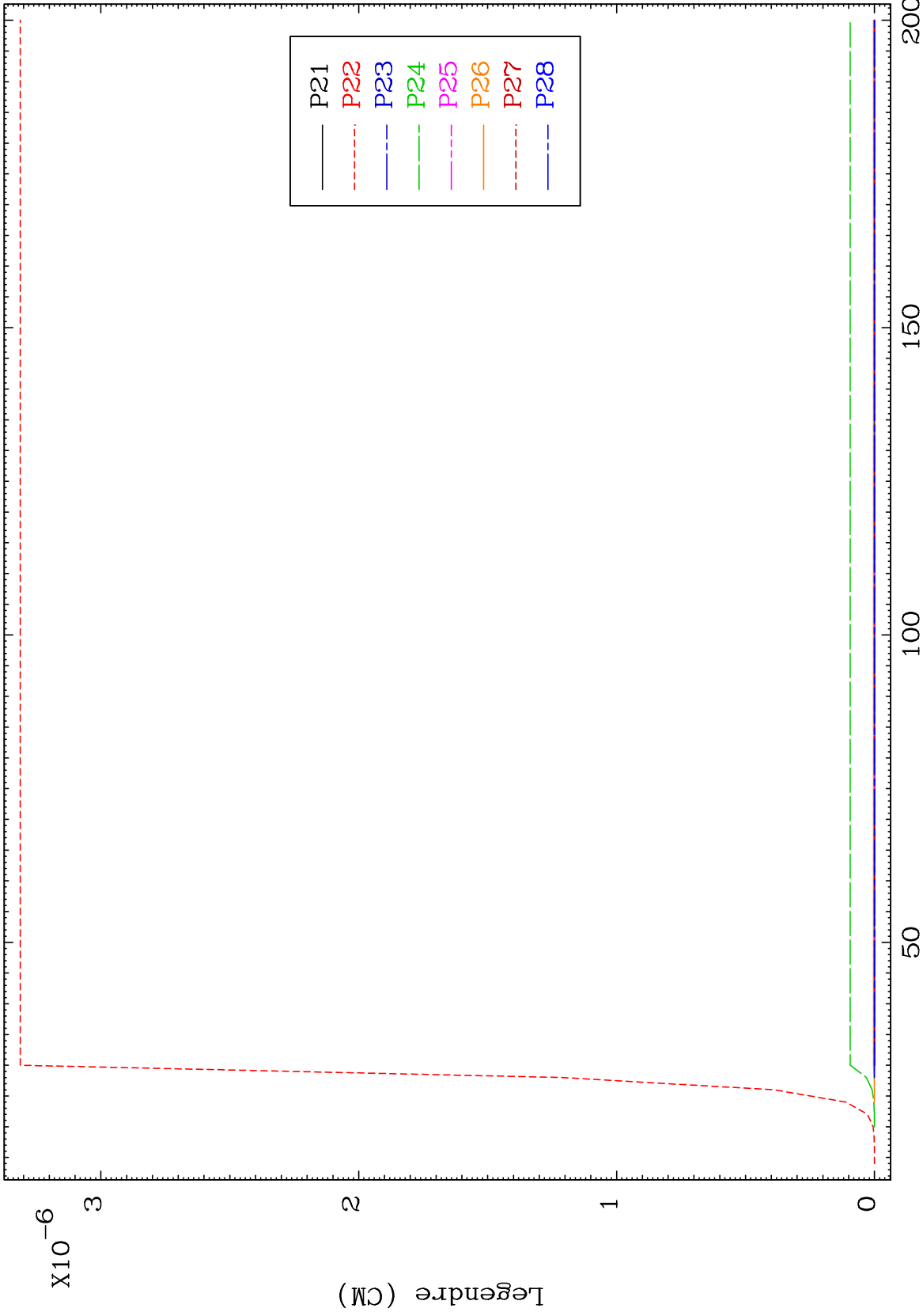
78

80-Hg-200

MAT 8037

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

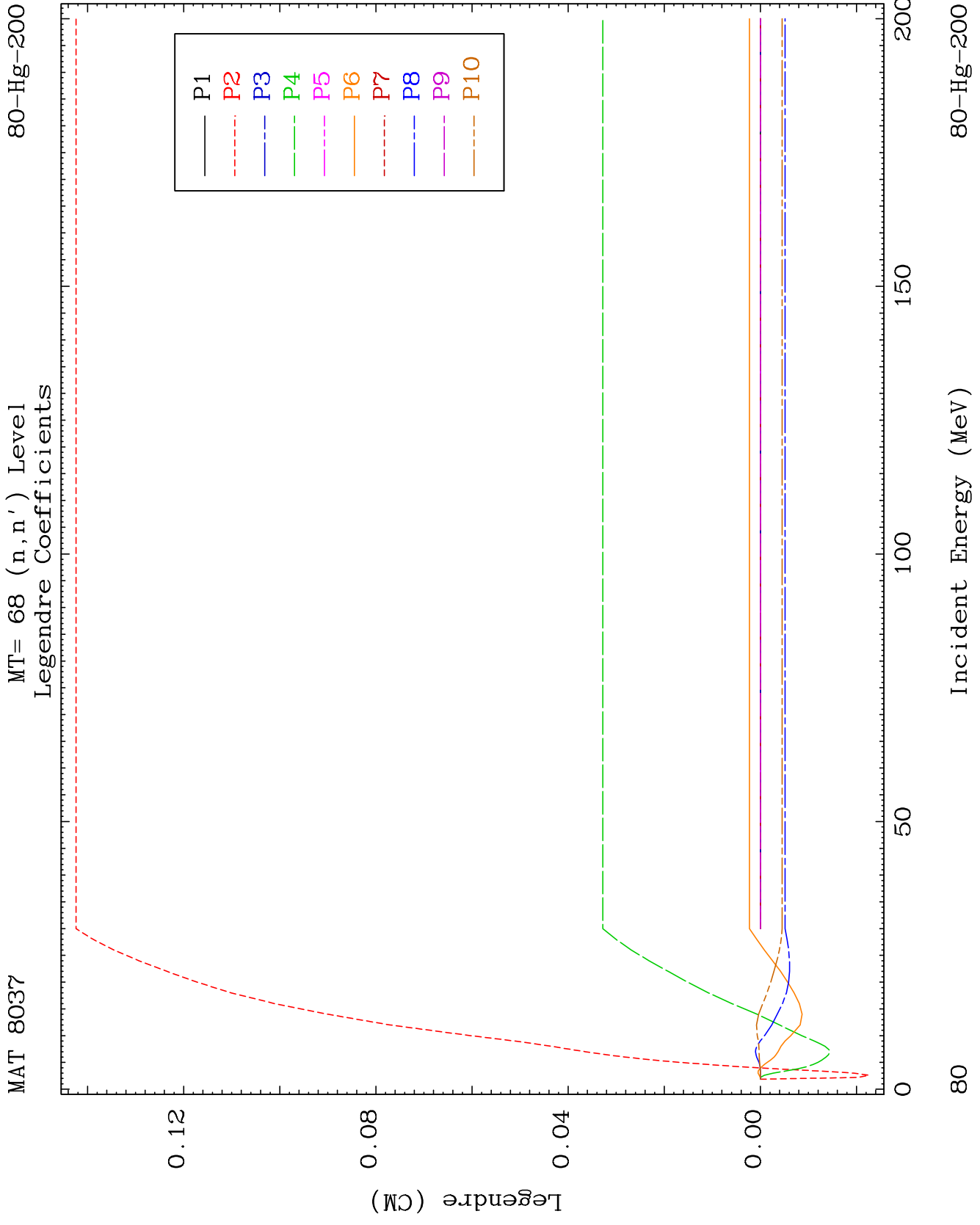
80-Hg-200



79

Incident Energy (MeV)

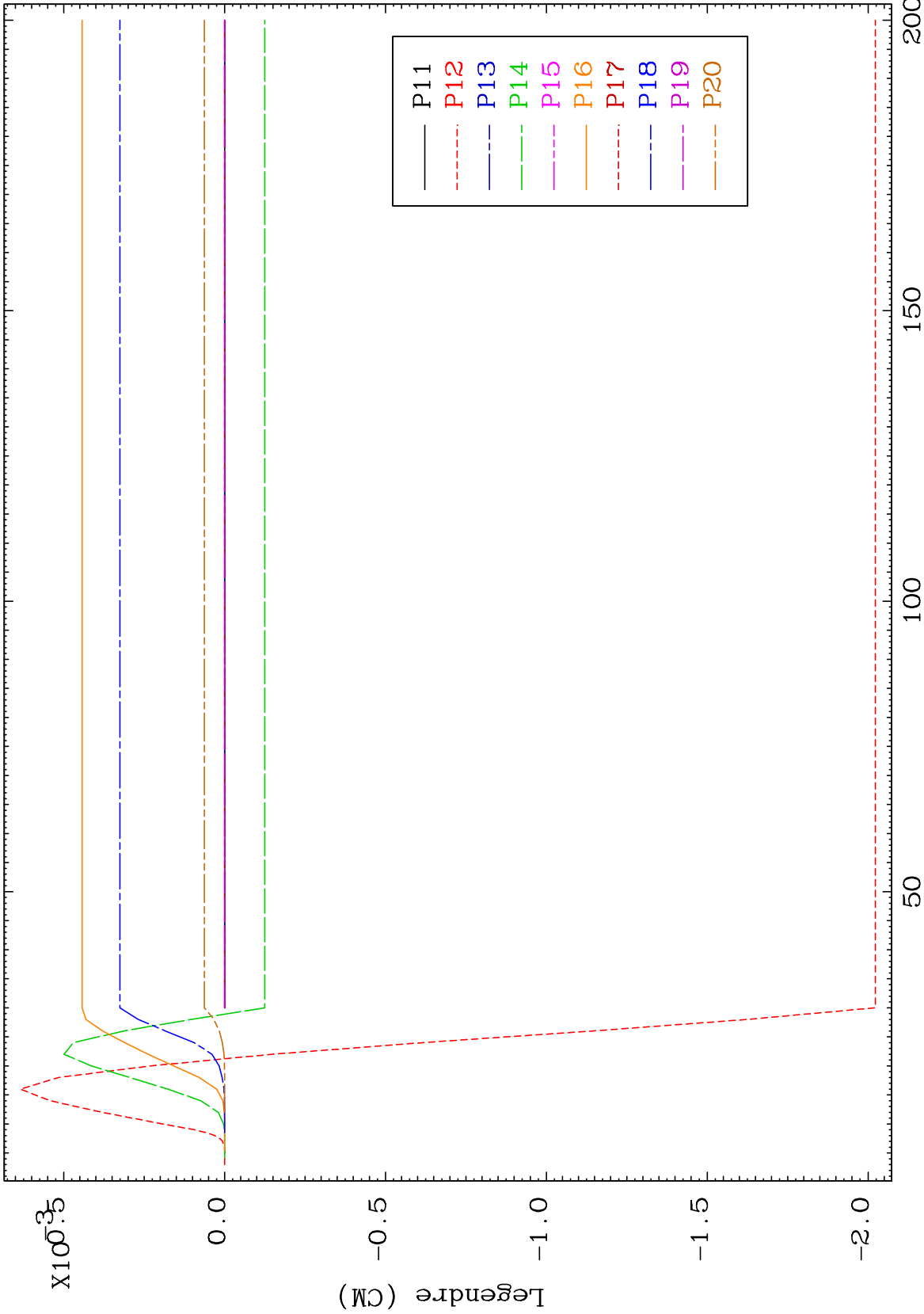
80-Hg-200



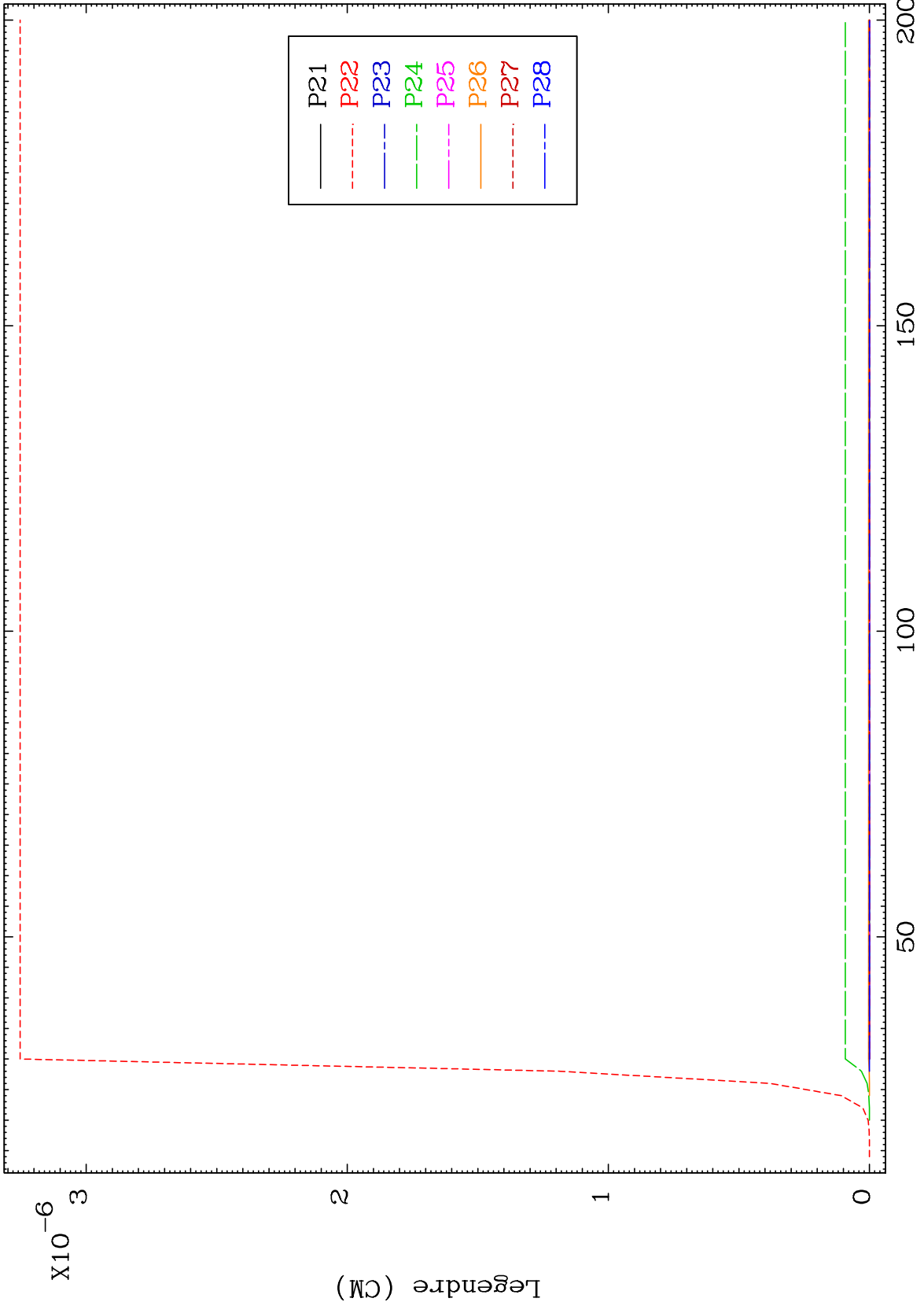
MAT 8037

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

80-Hg-200



MAT 8037 MT= 68 (n,n') Level Legendre Coefficients 80-Hg-200

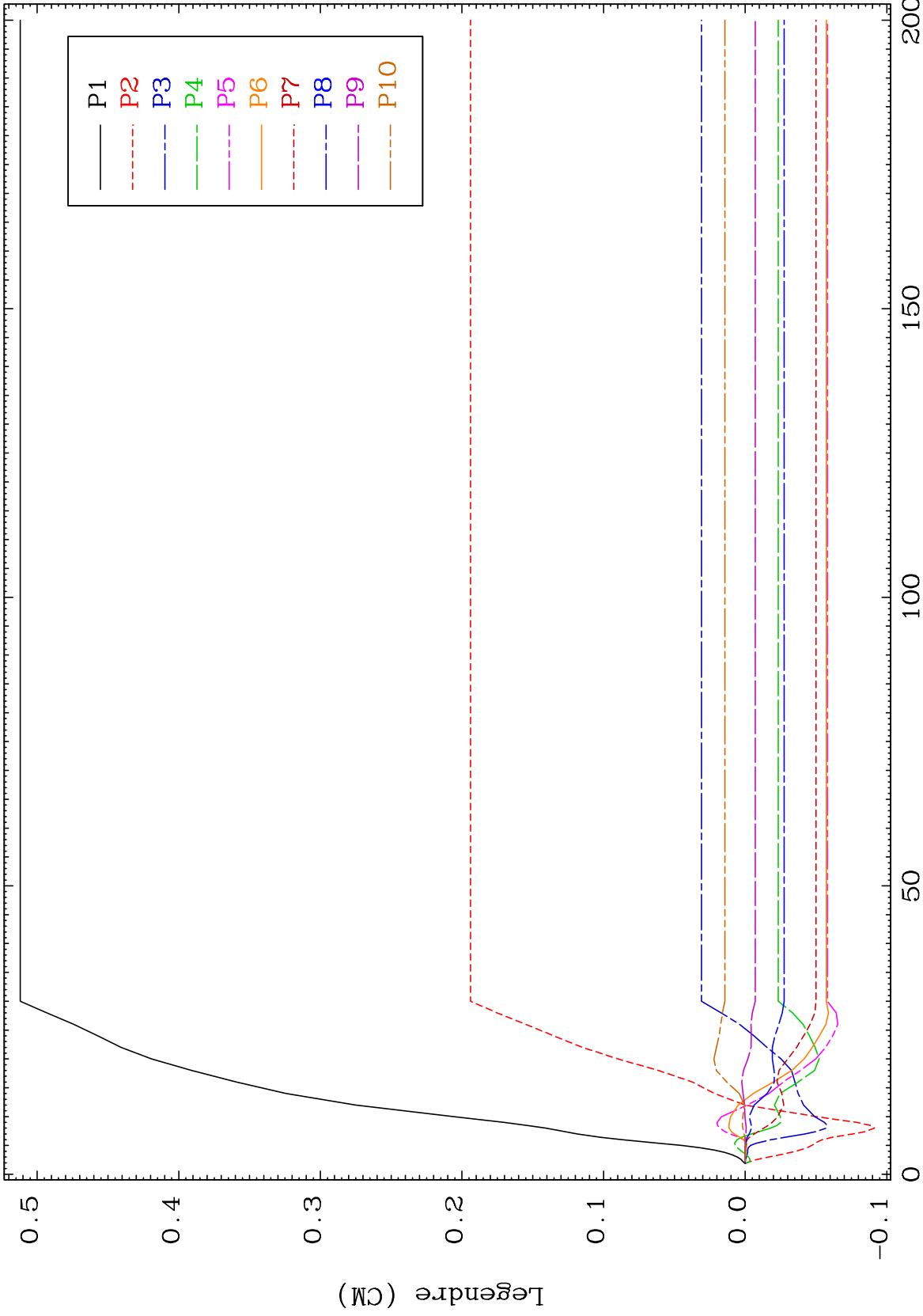


82 80-Hg-200

MAT 8037

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

80-Hg-200

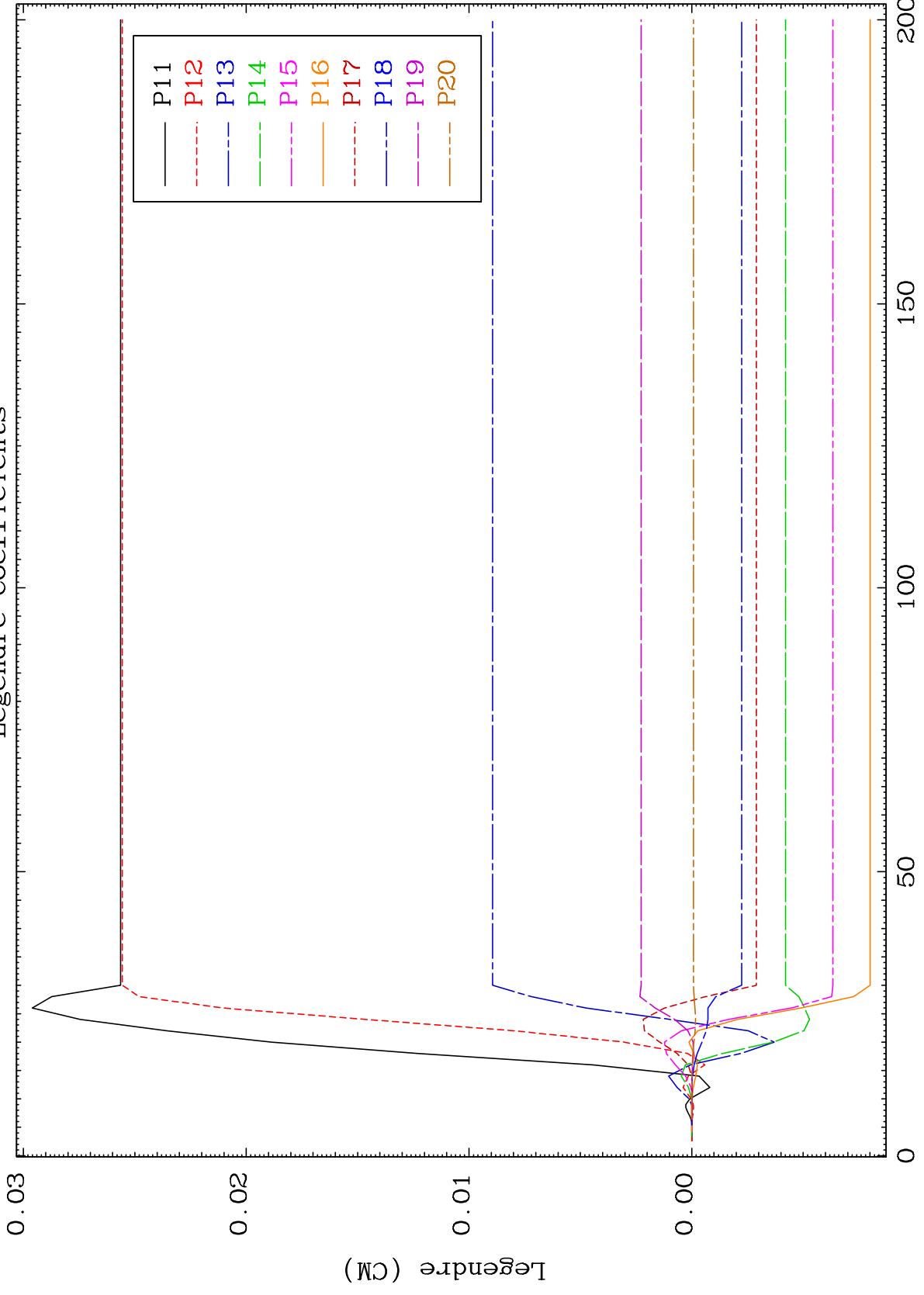


83

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 69 (n,n') Level Legendre Coefficients 80-Hg-200

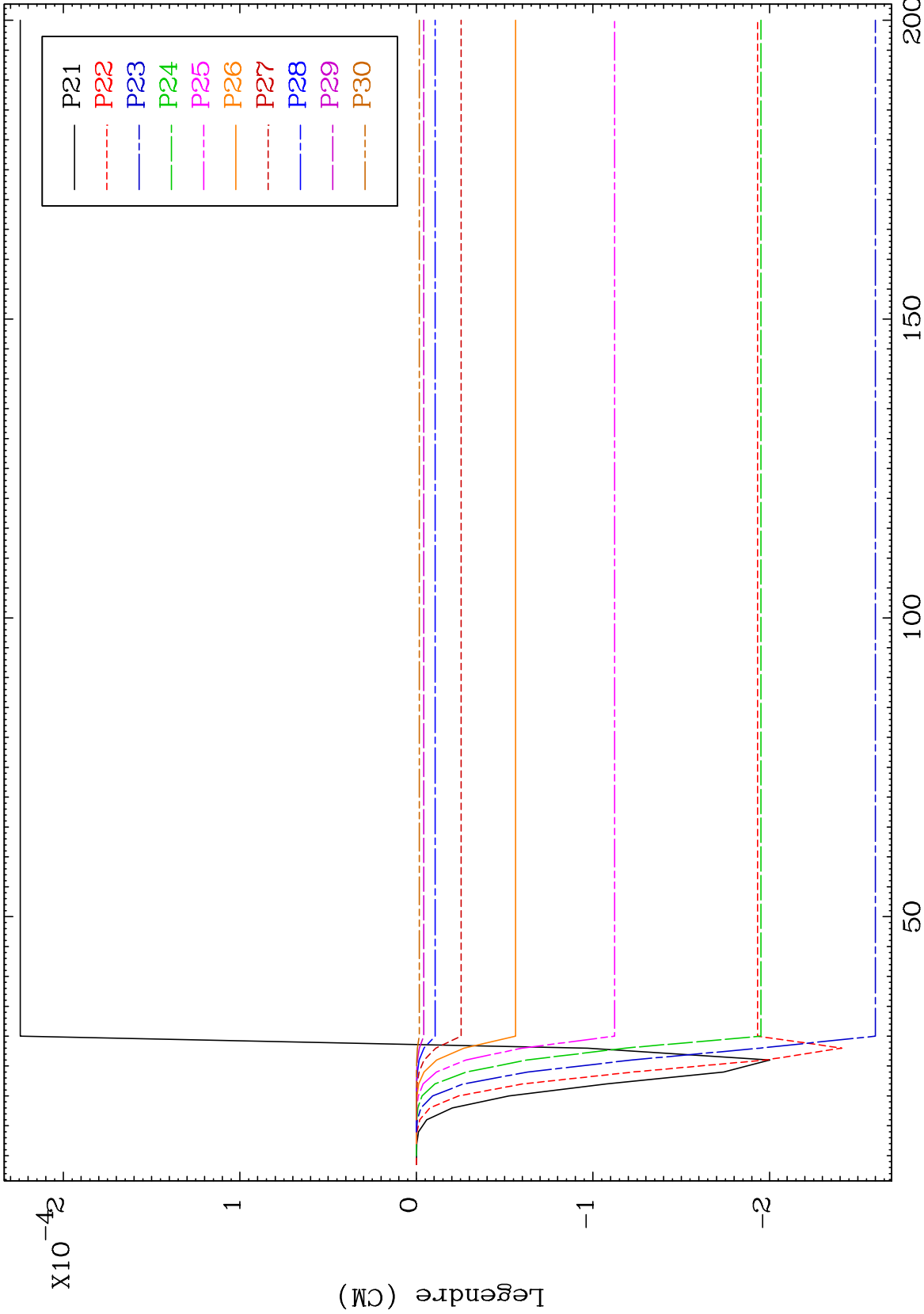


84 80-Hg-200

MAT 8037

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

80-Hg-200

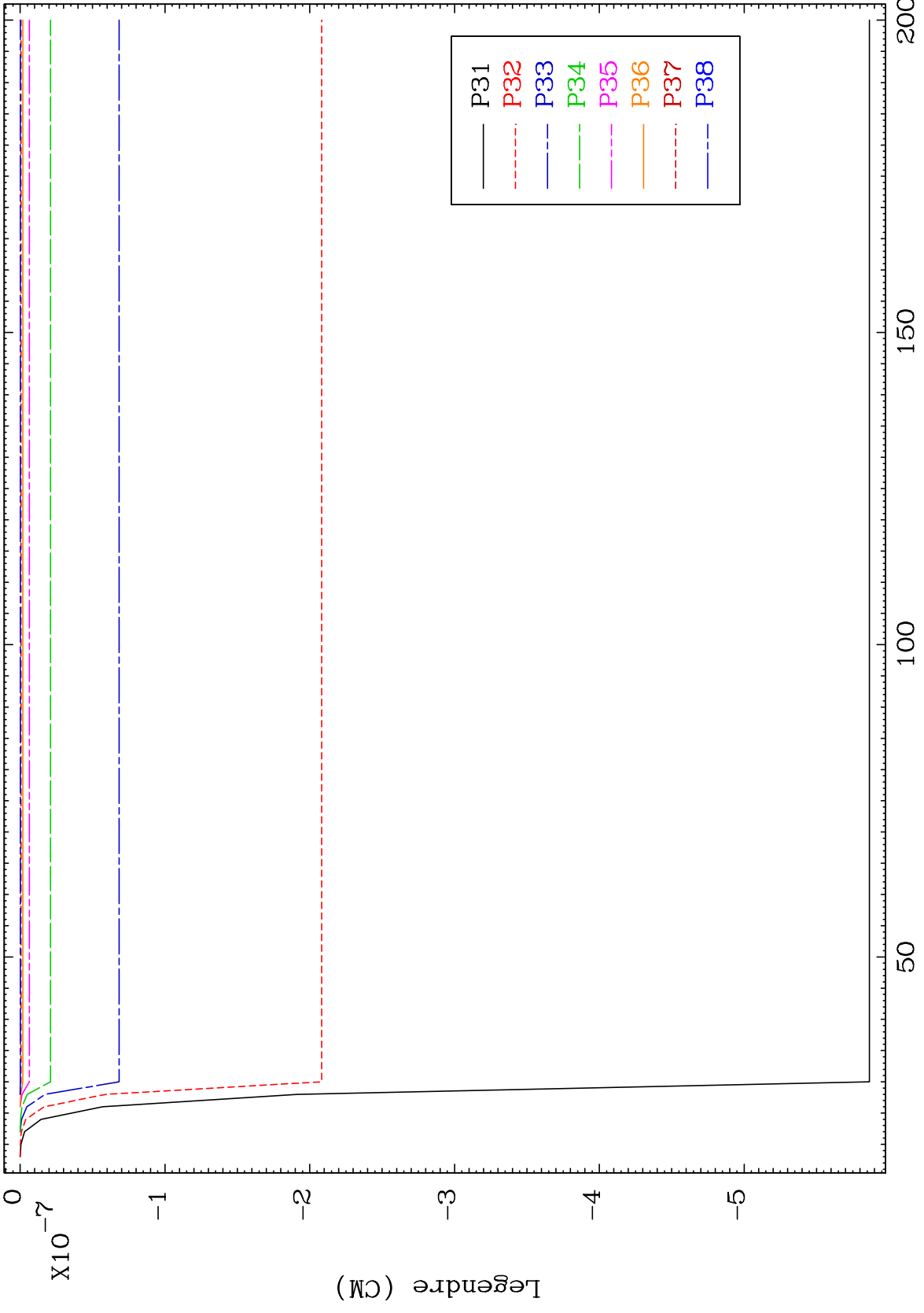


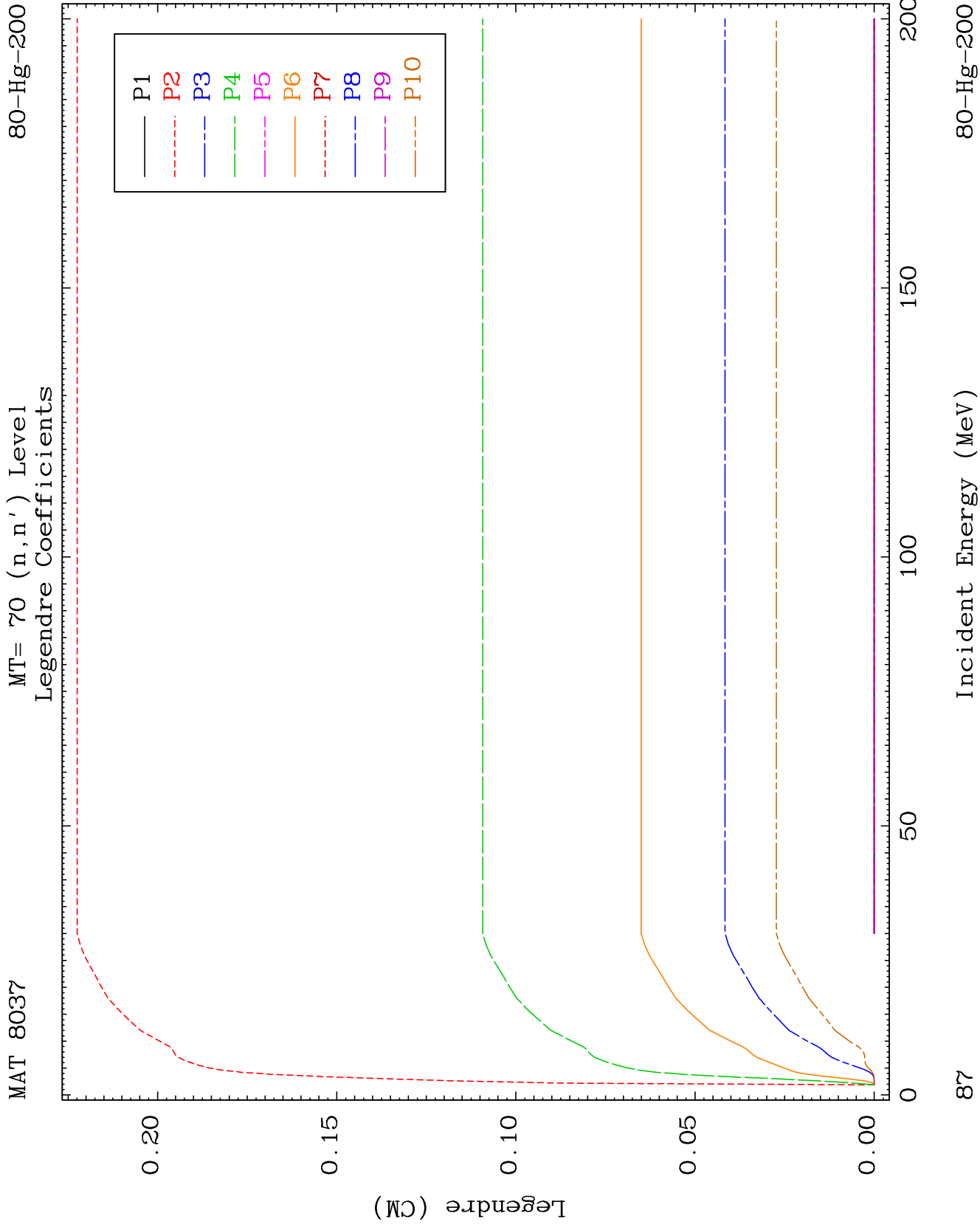
85

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 69 (n, n') Level Legendre Coefficients 80-Hg-200

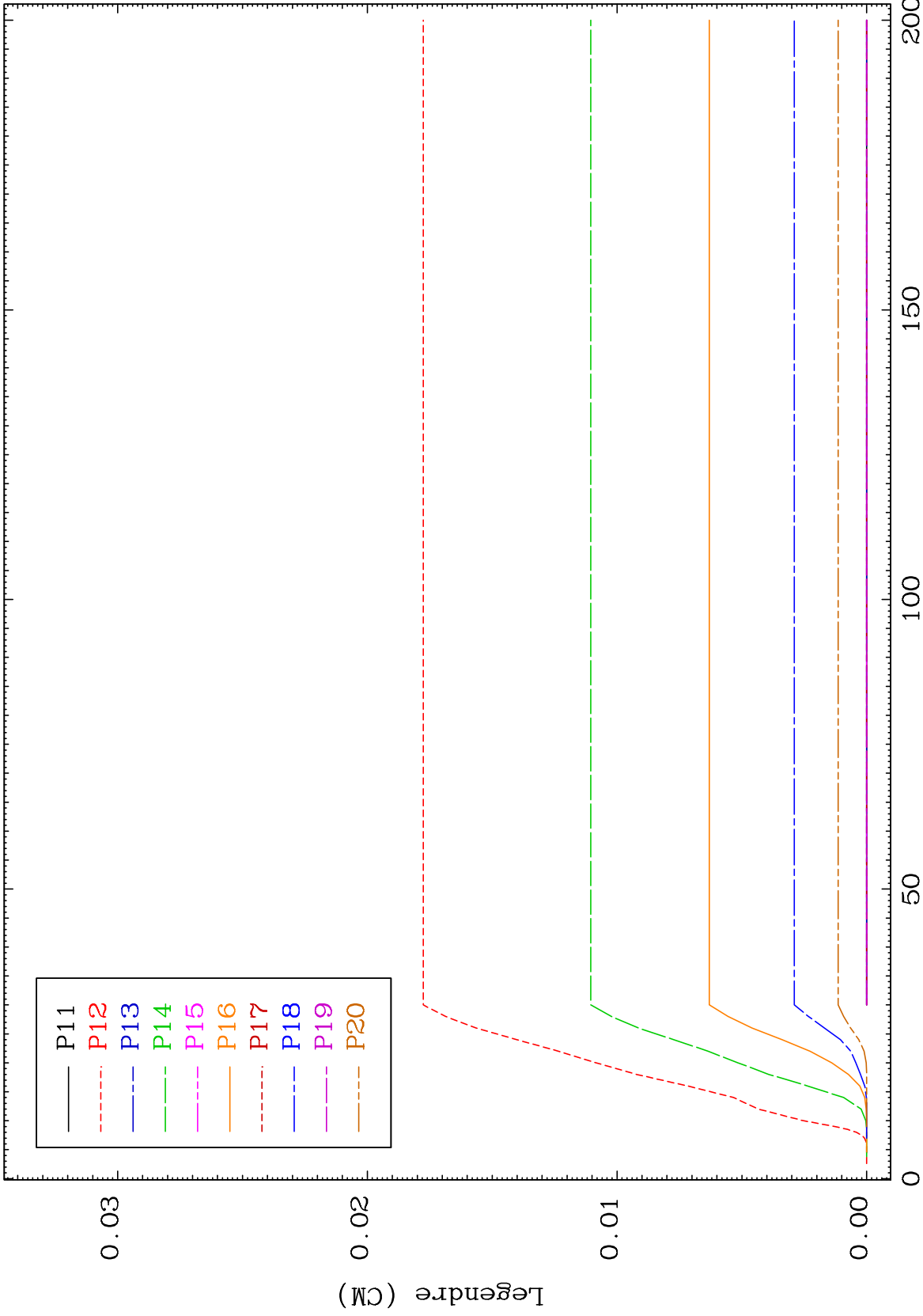




MAT 8037

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

80-Hg-200

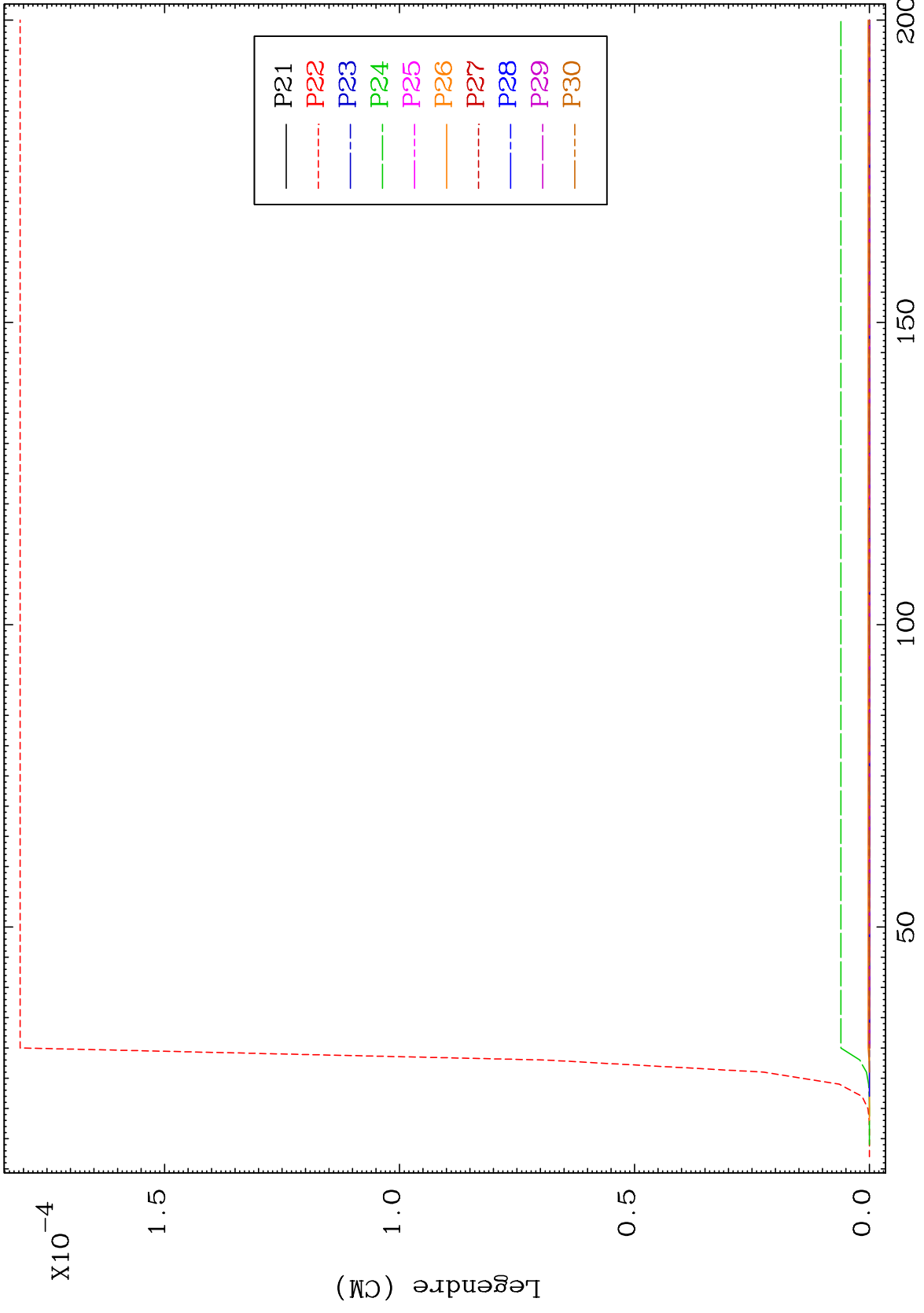


88

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-200

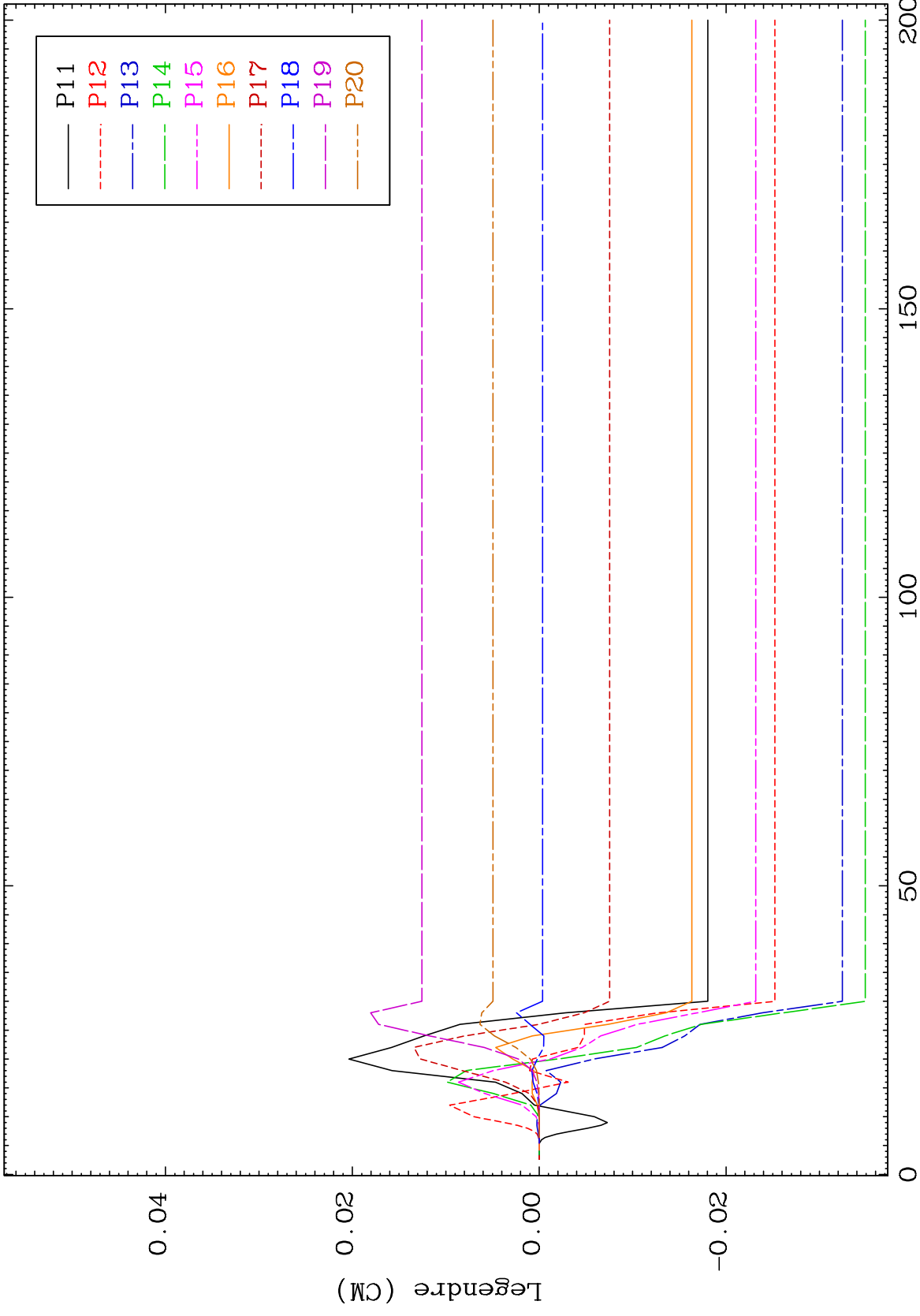


89 80-Hg-200

MAT 8037

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

80-Hg-200



91

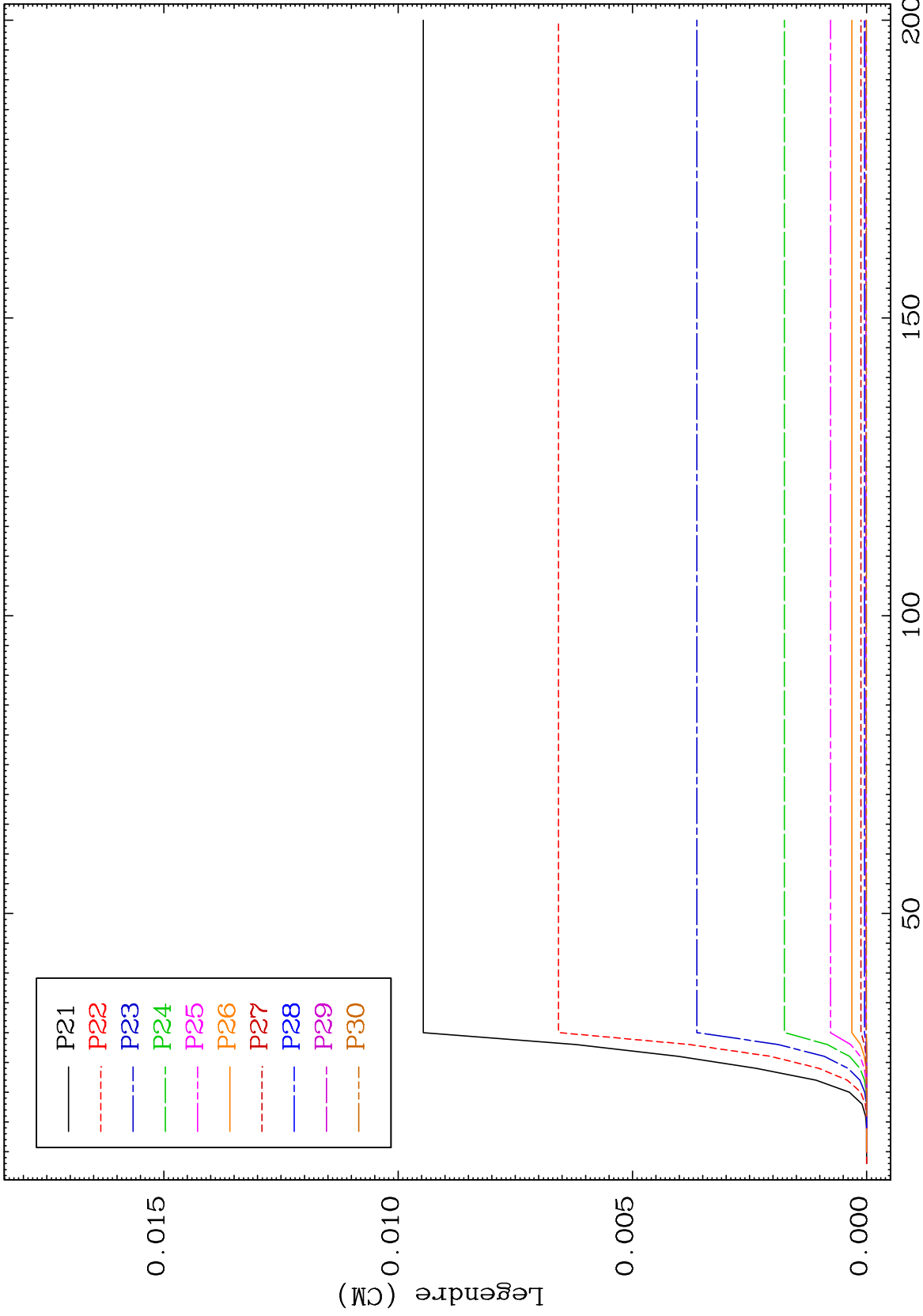
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



92

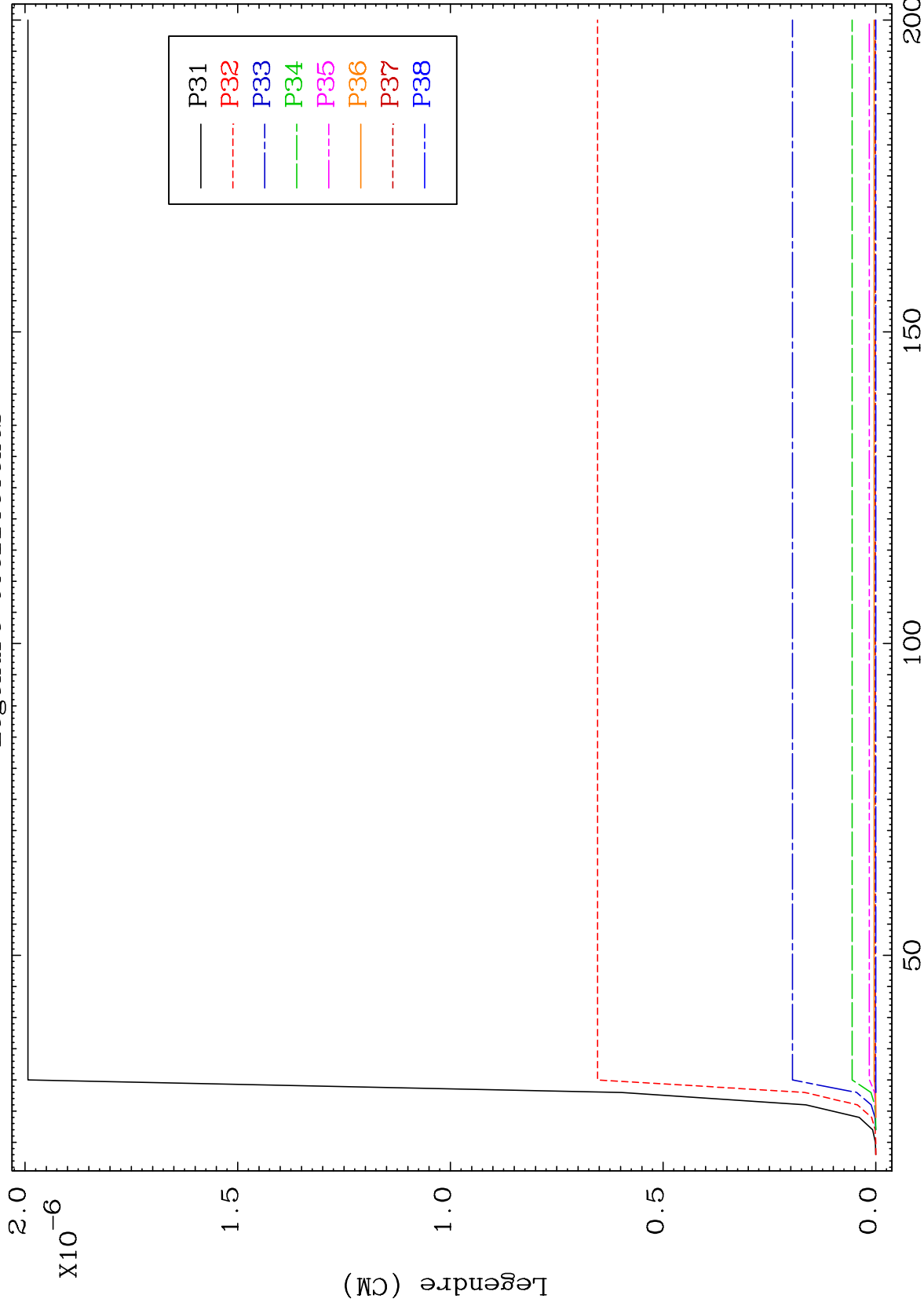
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



93

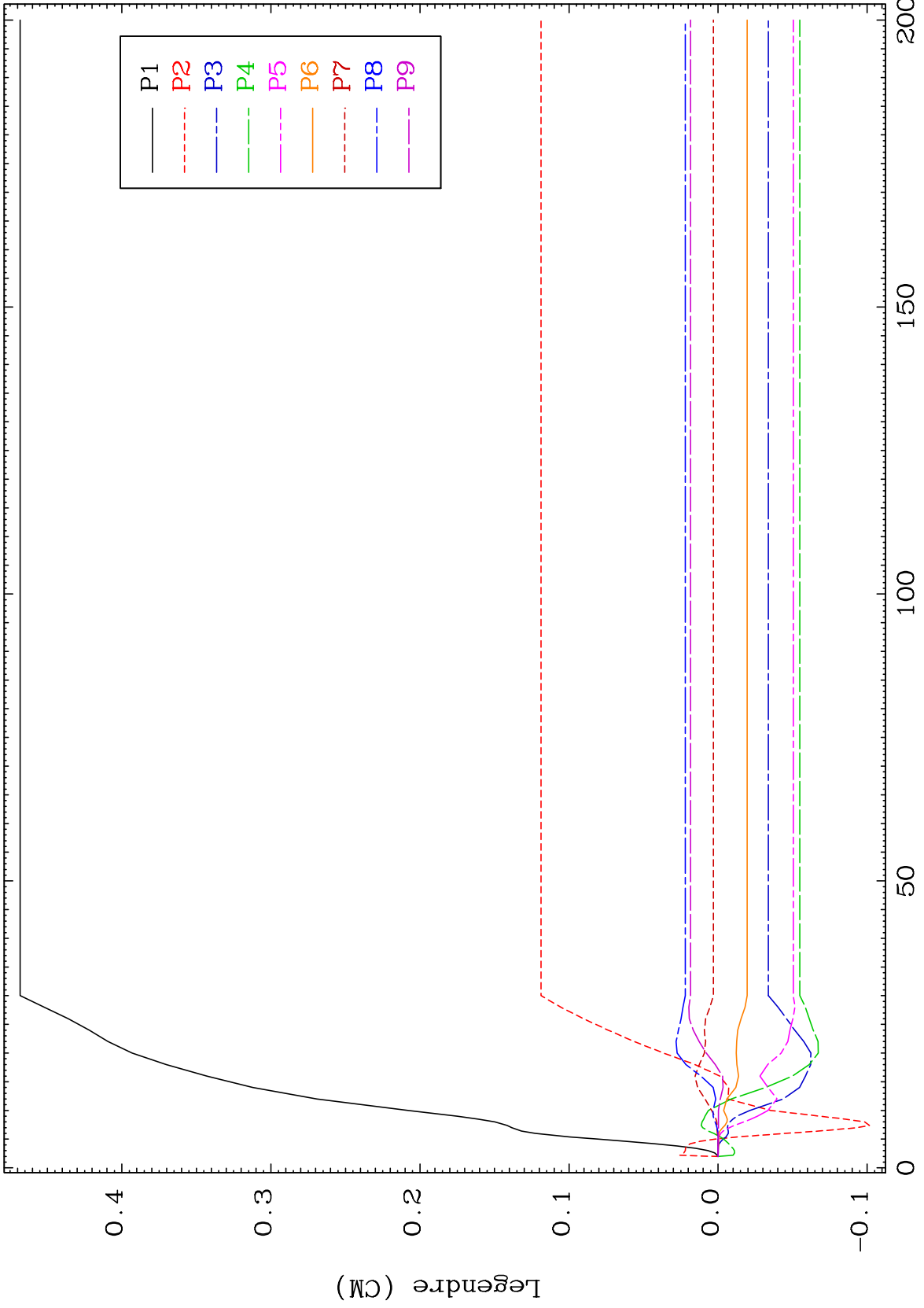
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



94

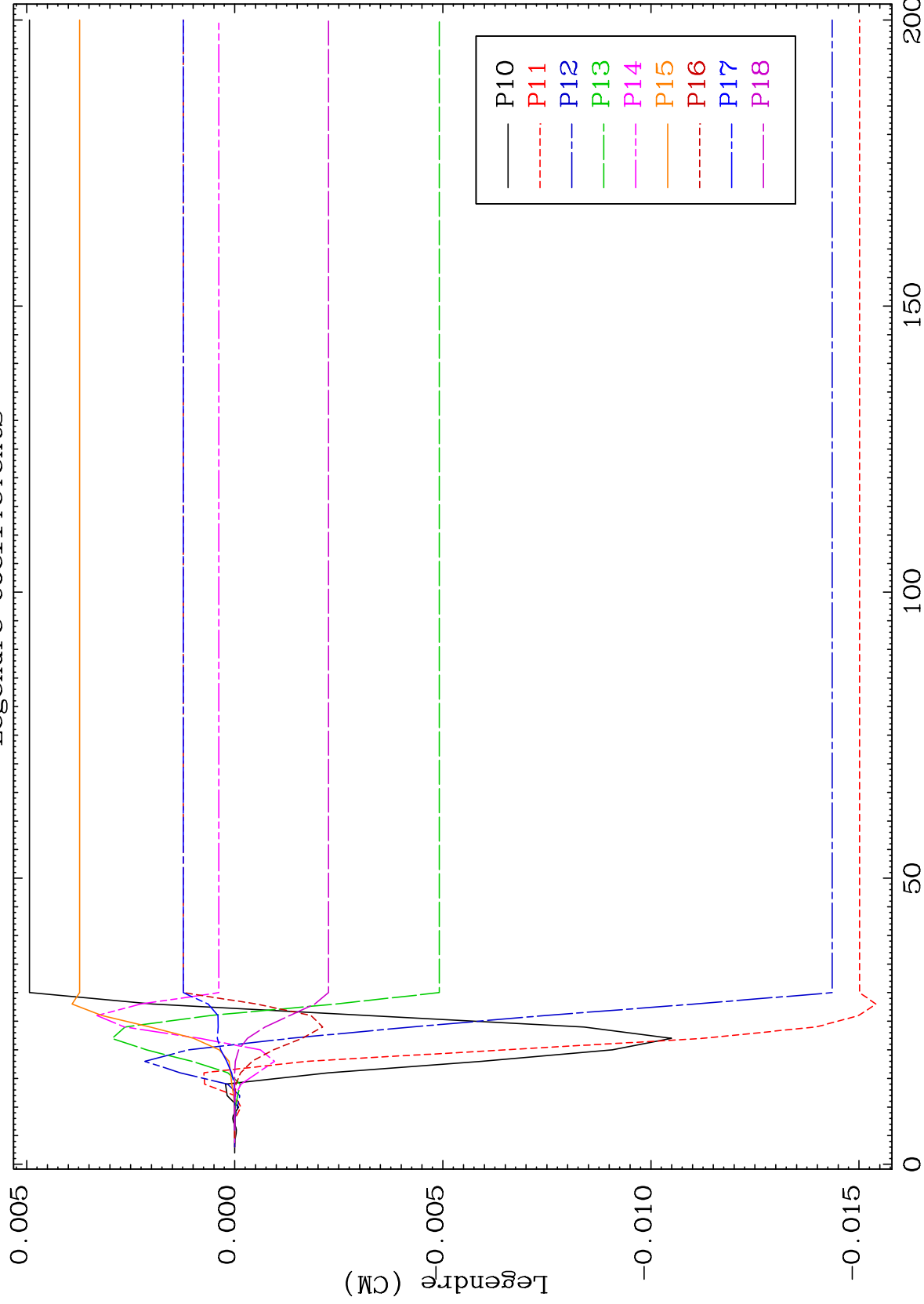
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



95

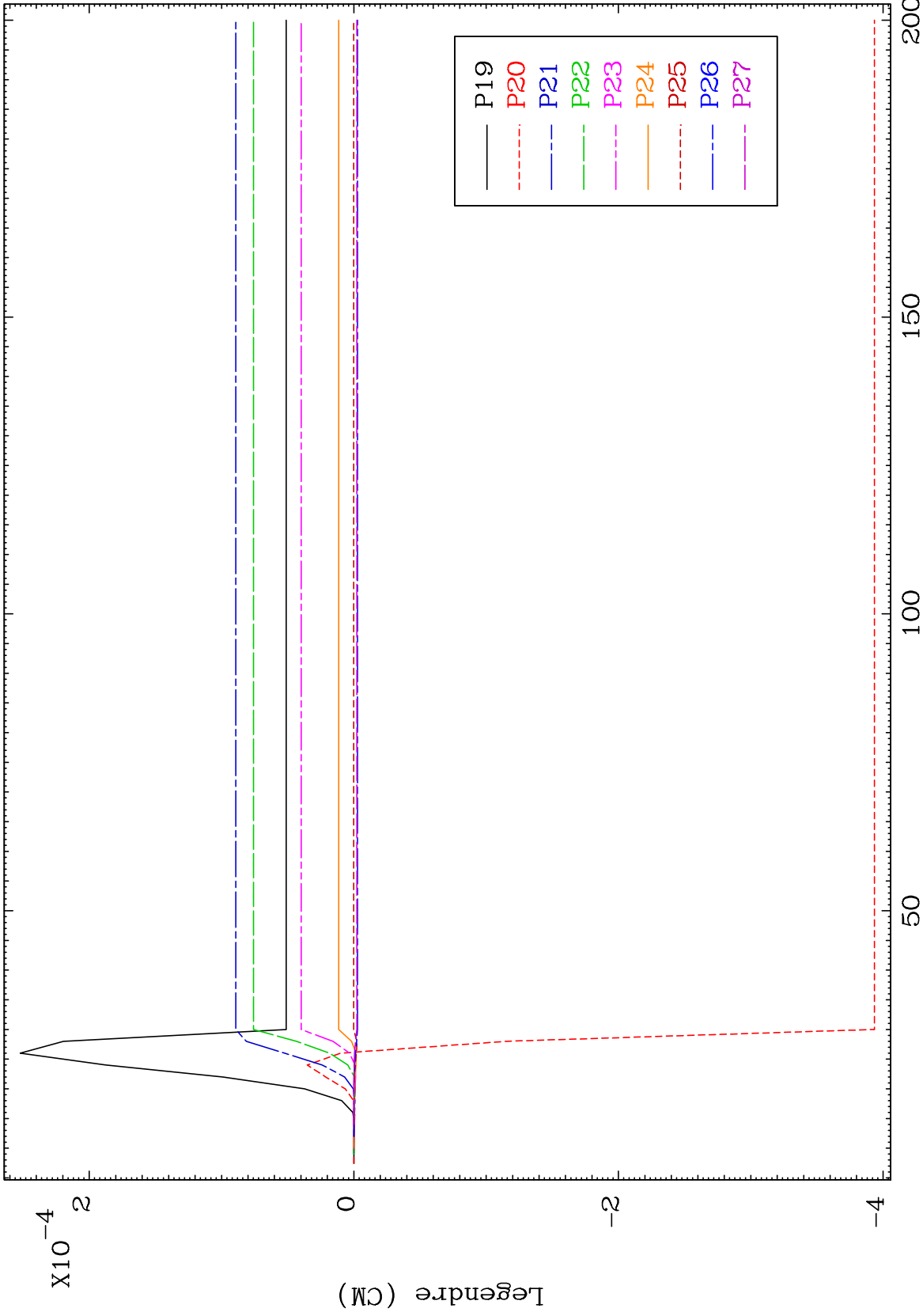
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200

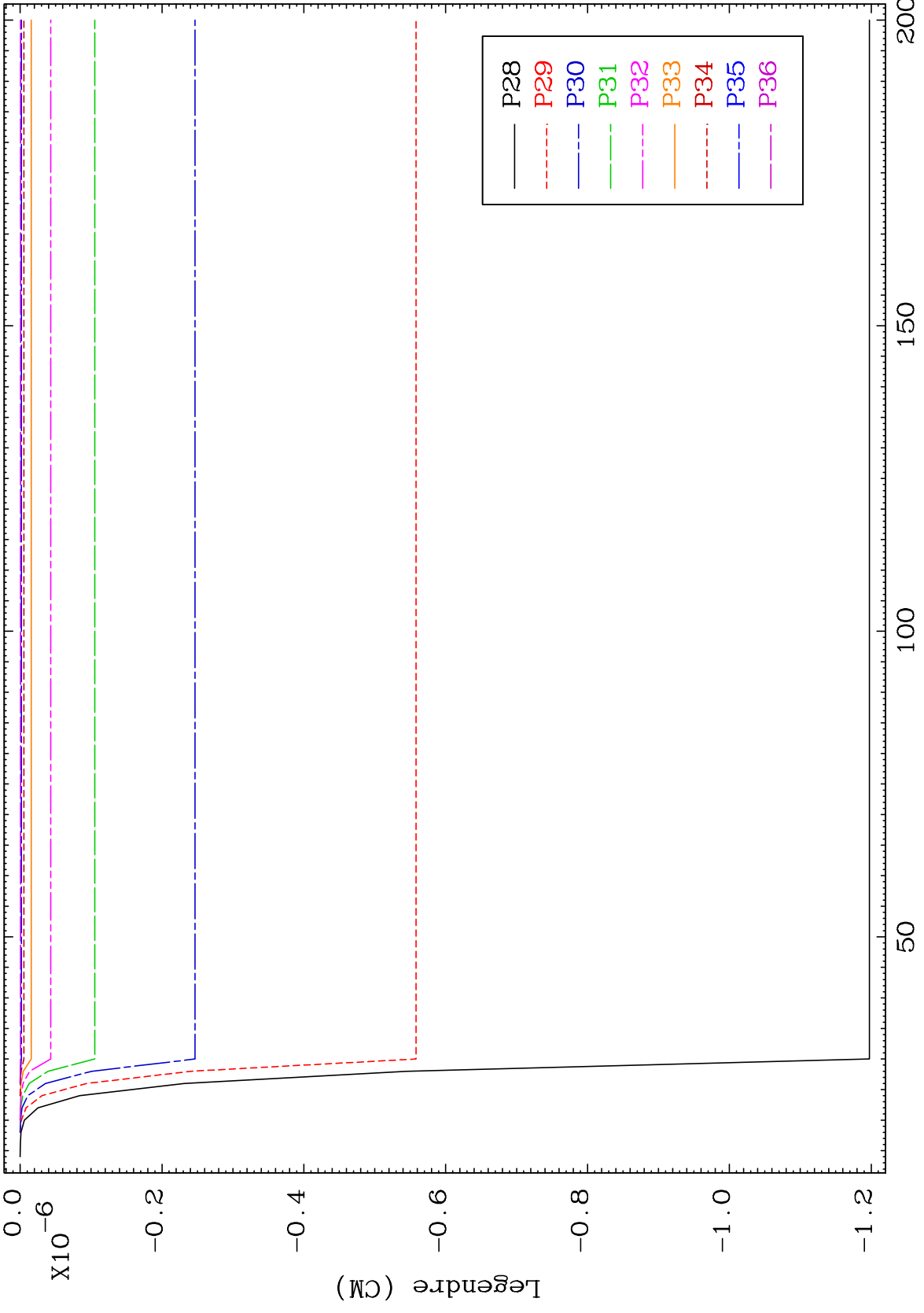


96

Incident Energy (MeV)

80-Hg-200

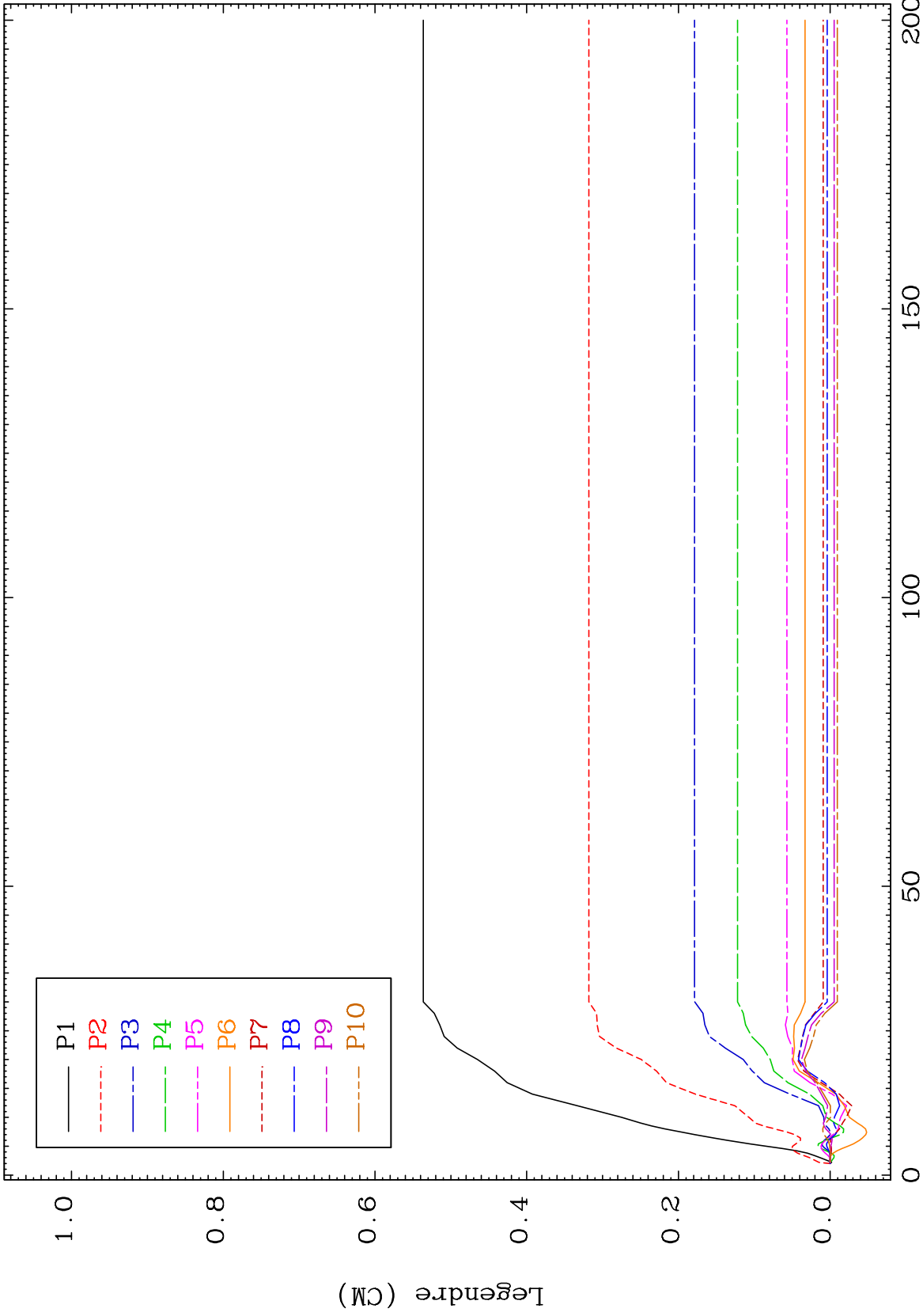
MAT 8037 MT= 72 (n,n') Level Legendre Coefficients 80-Hg-200



MAT 8037

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

80-Hg-200



98

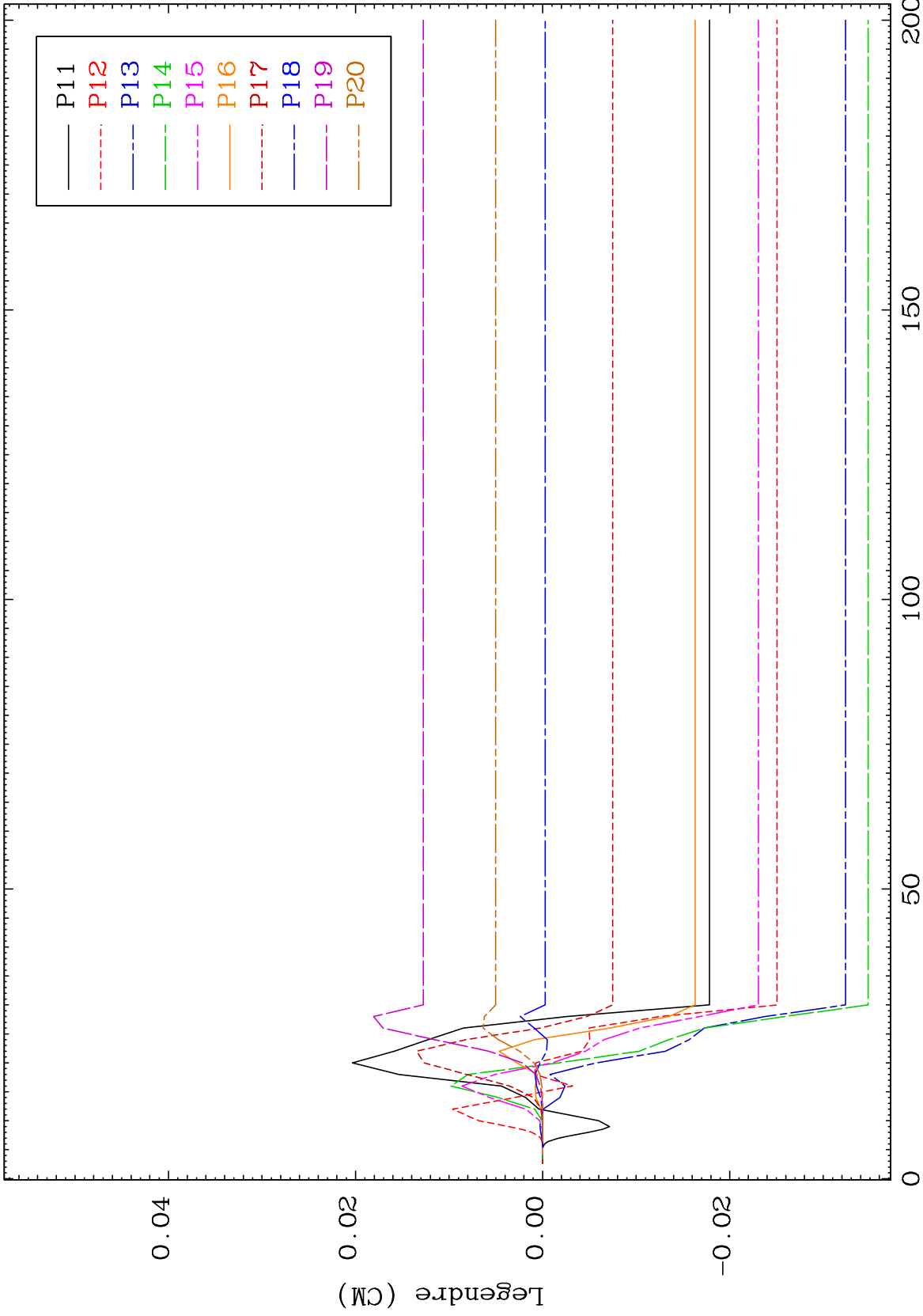
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



99

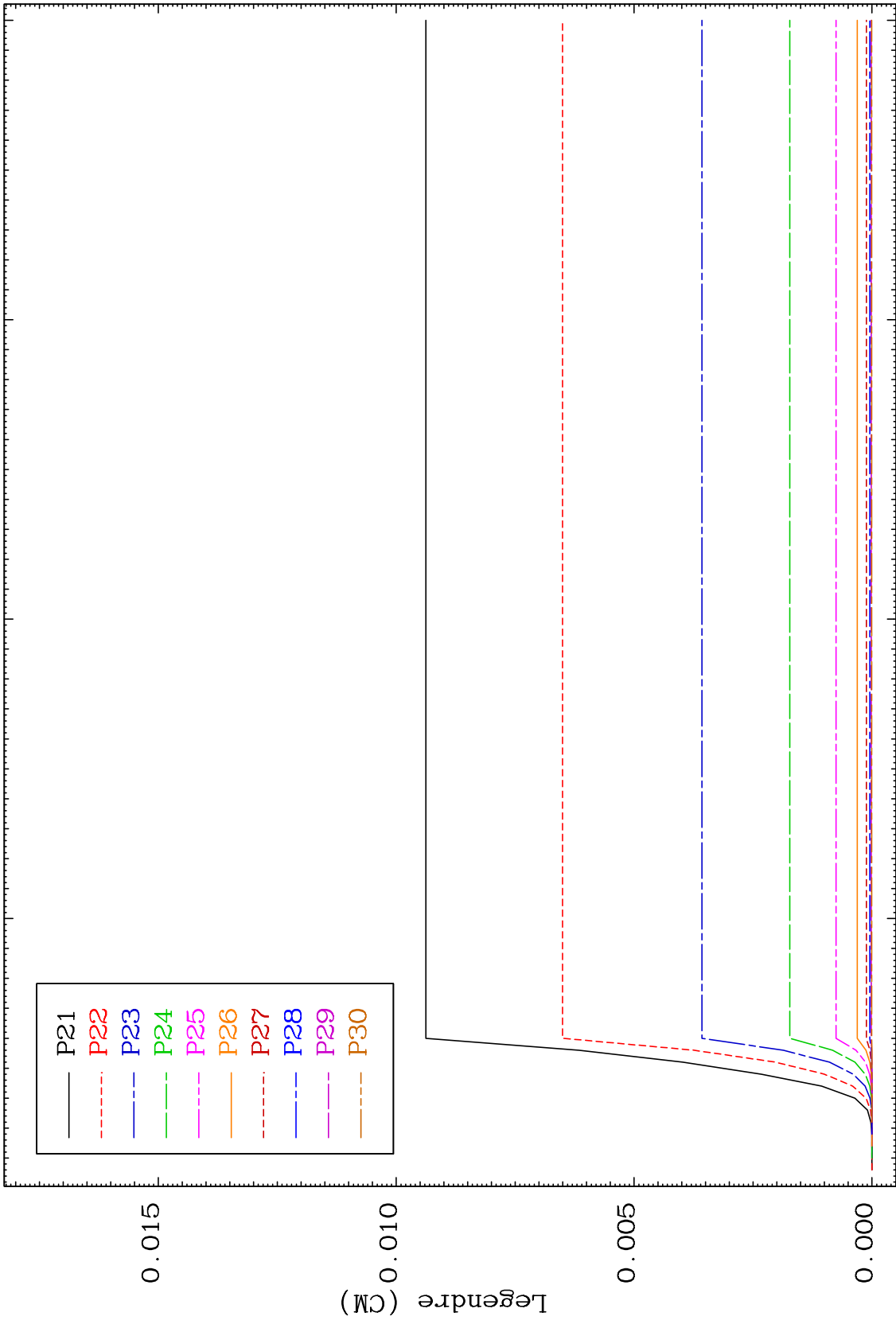
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



100

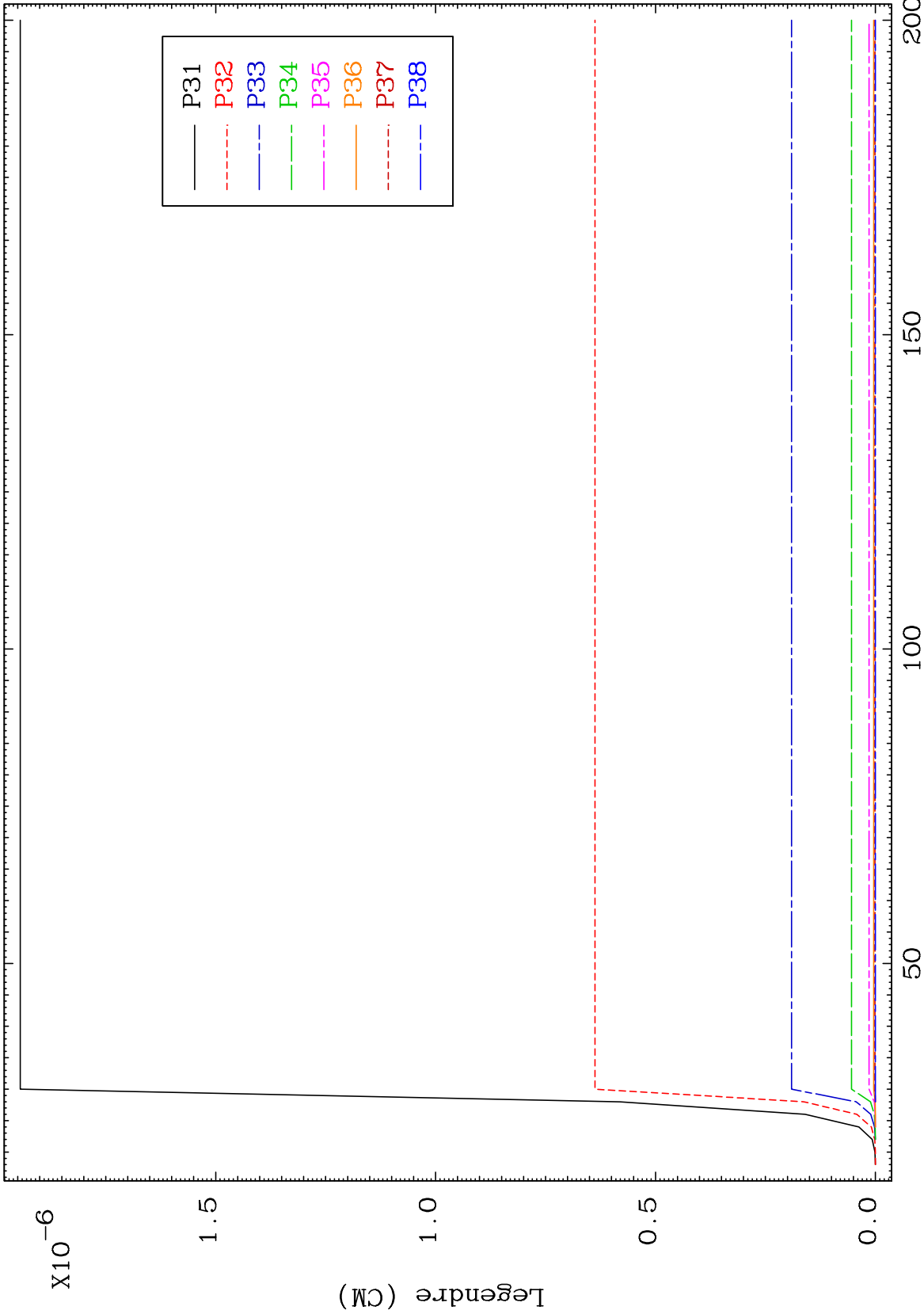
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

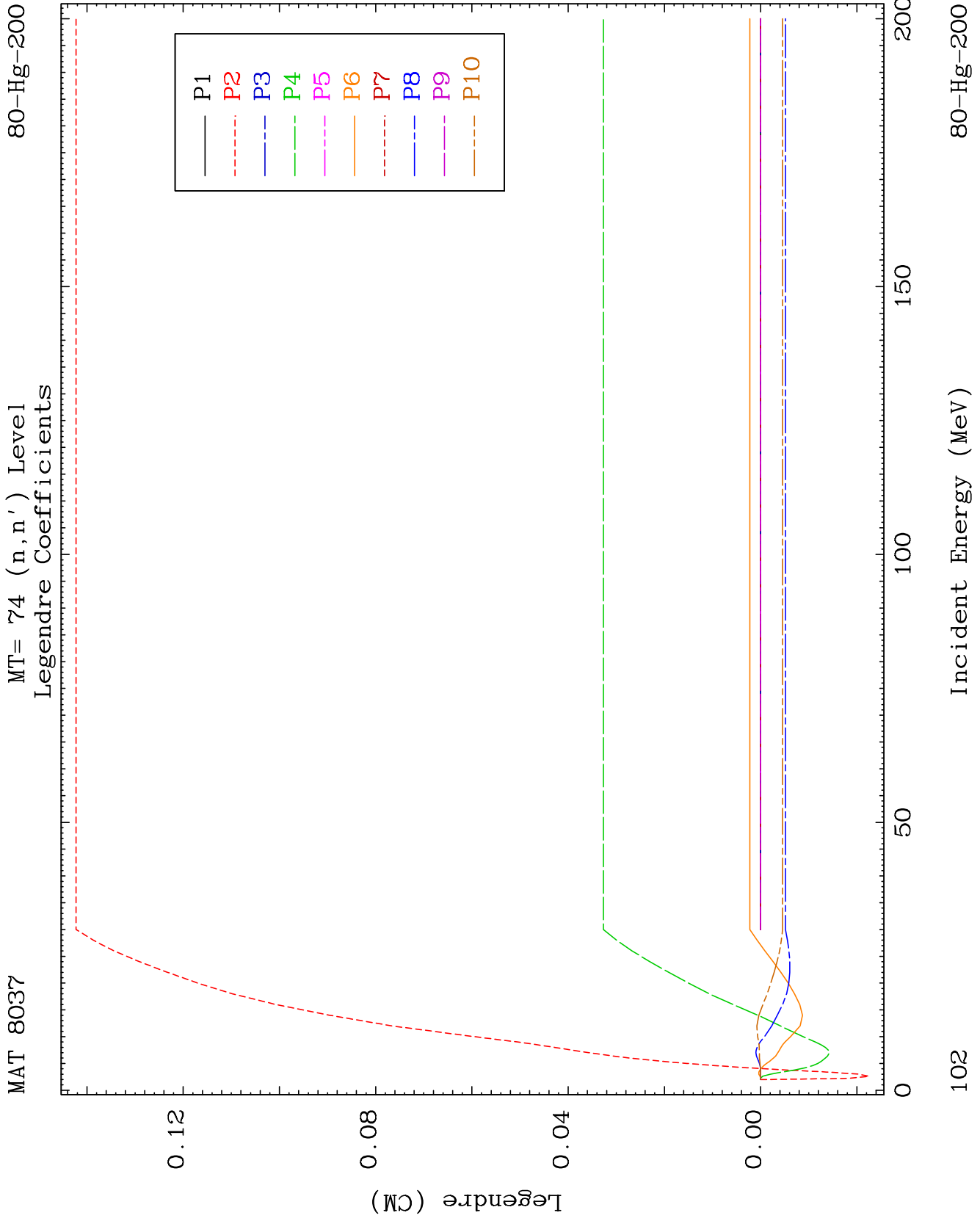
80-Hg-200



101

Incident Energy (MeV)

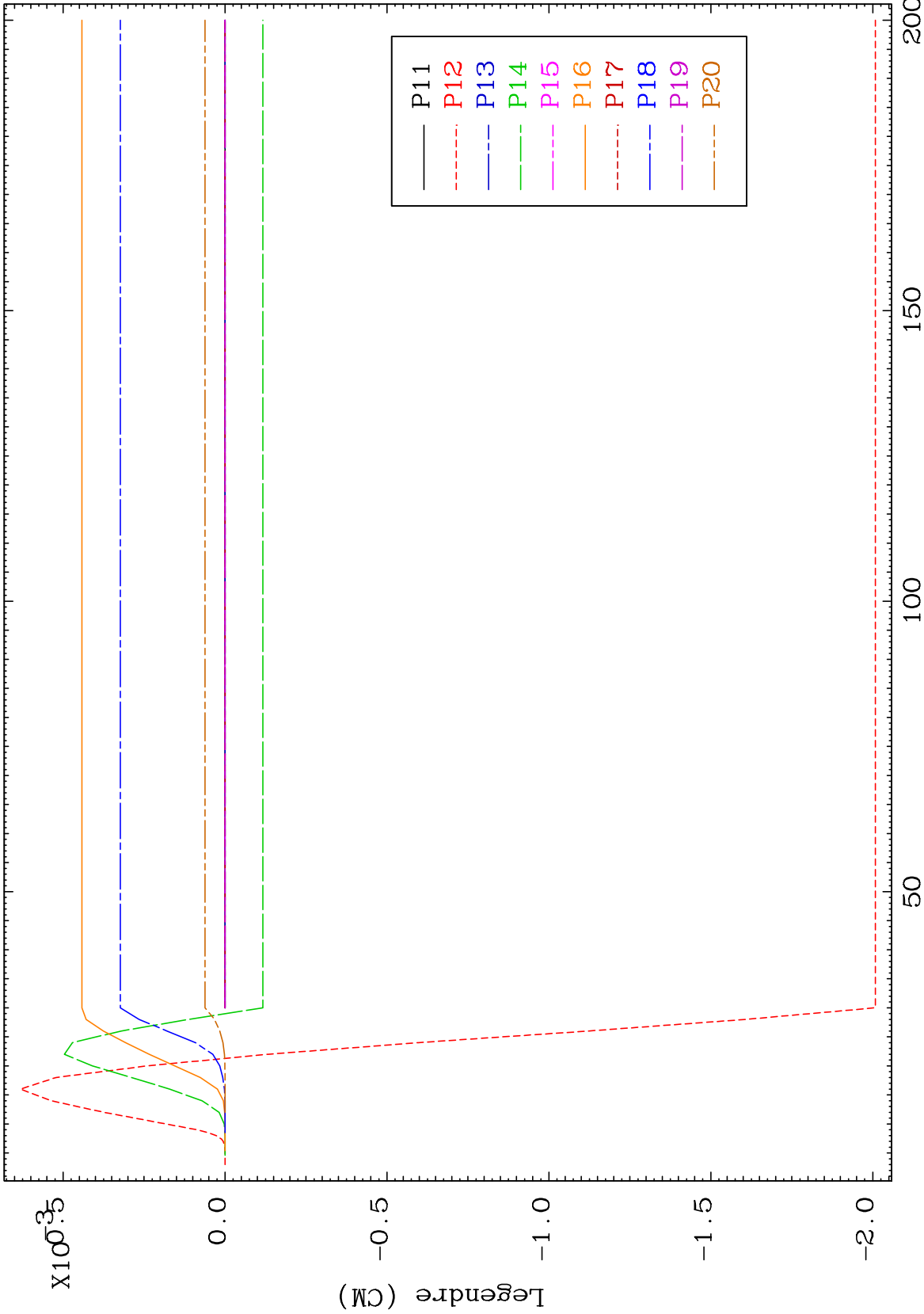
80-Hg-200



MAT 8037

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

80-Hg-200

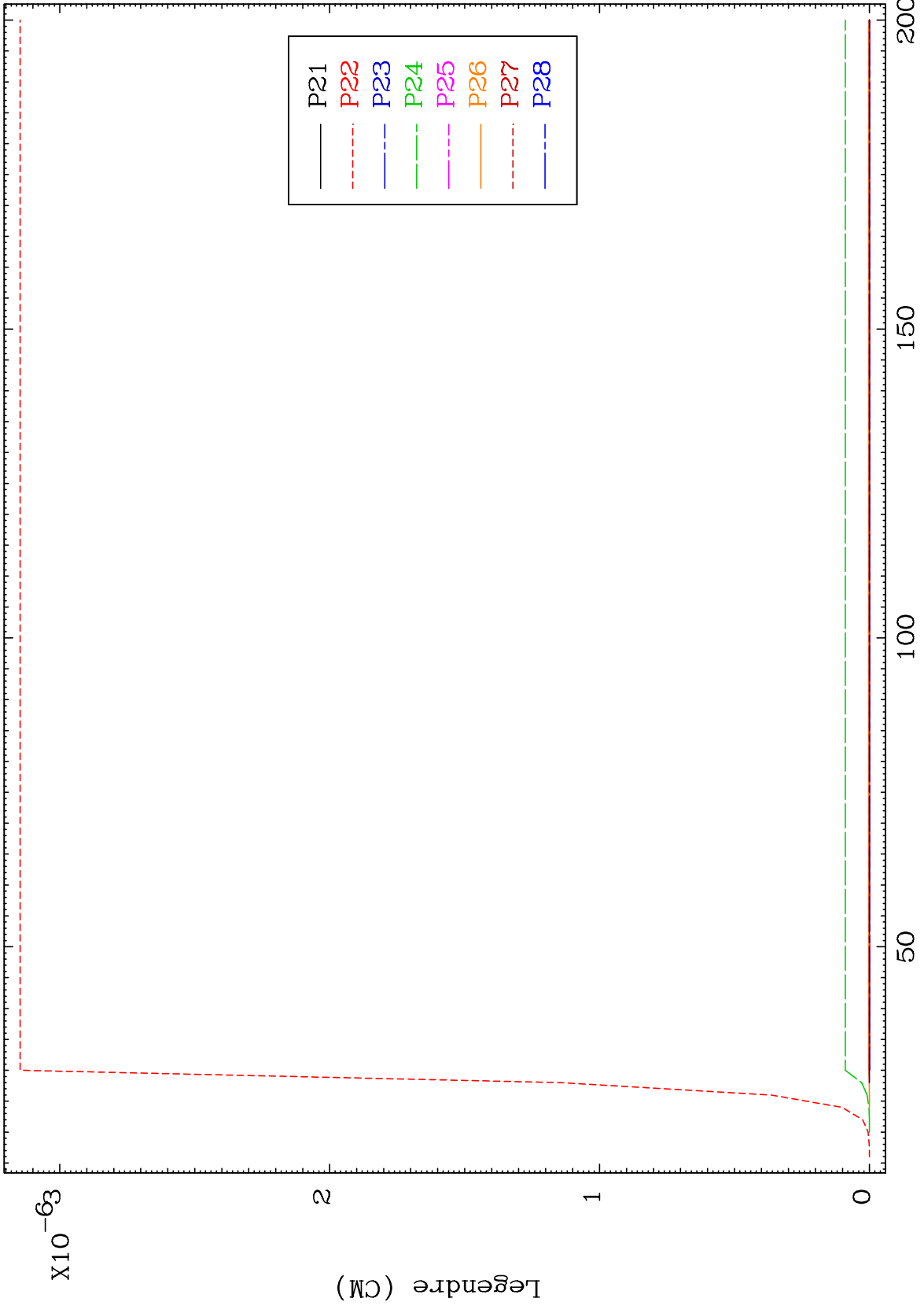


103

Incident Energy (MeV)

80-Hg-200

MAT 8037 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-200

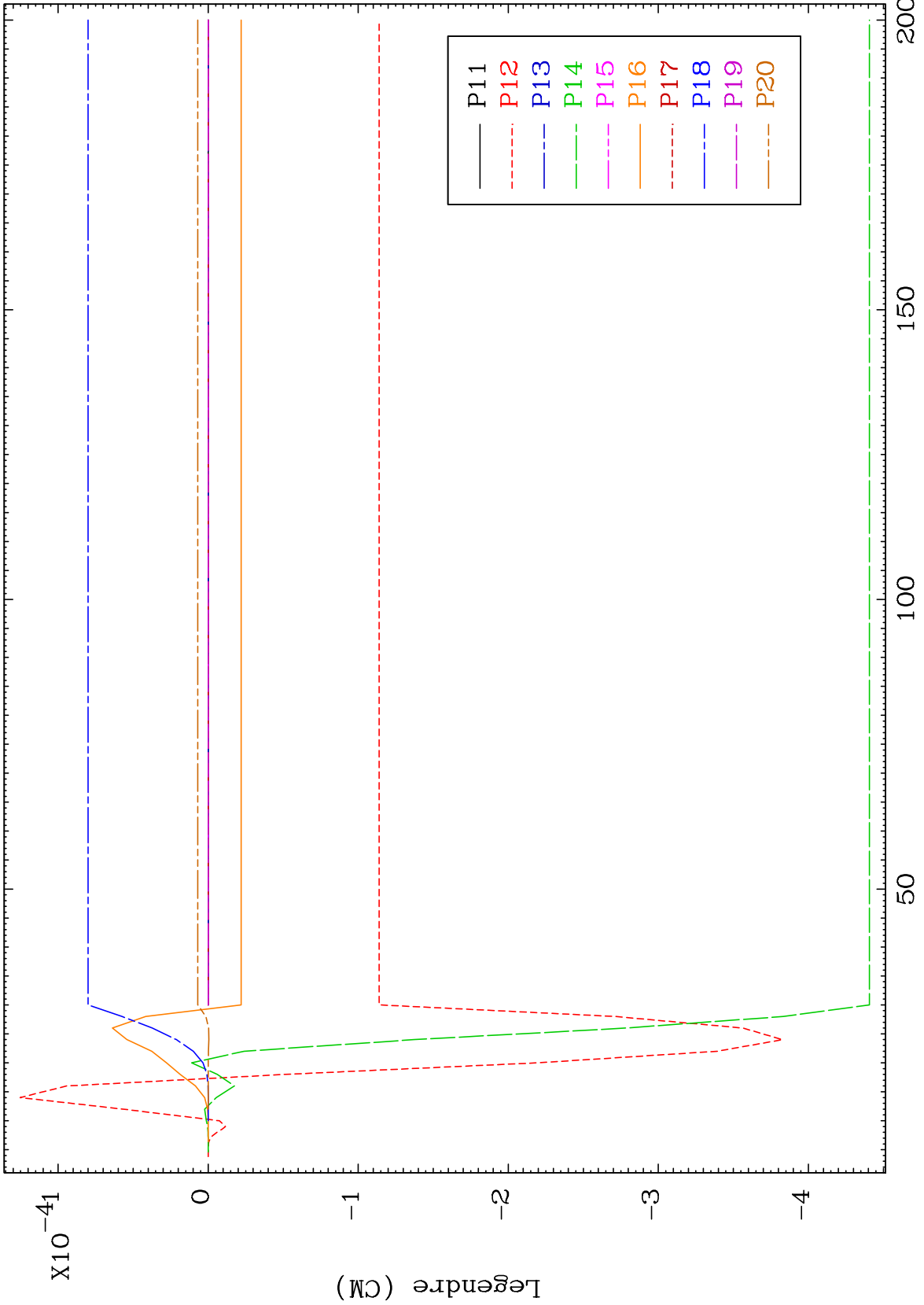


104 Incident Energy (MeV) 80-Hg-200

MAT 8037

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

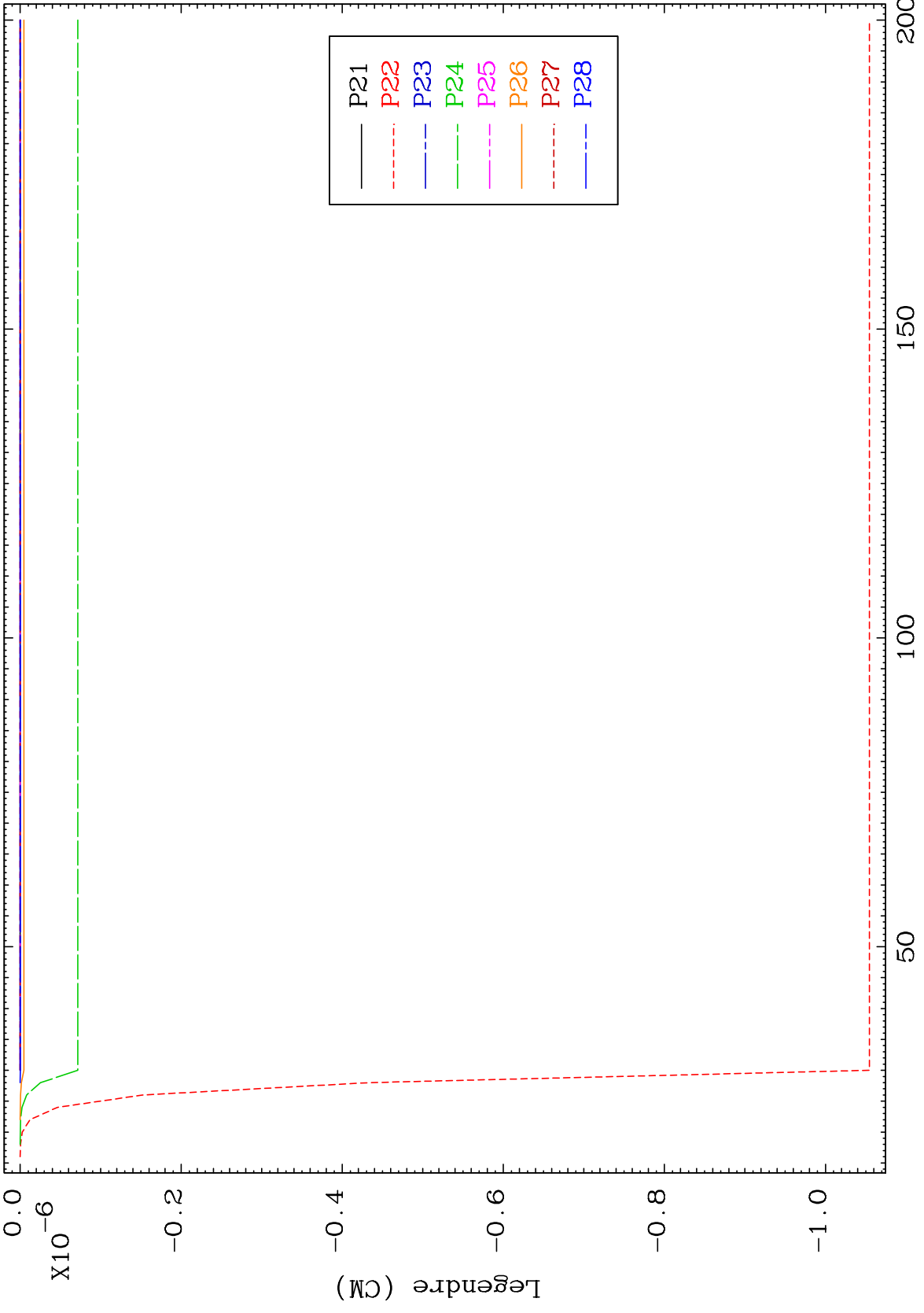
80-Hg-200



106

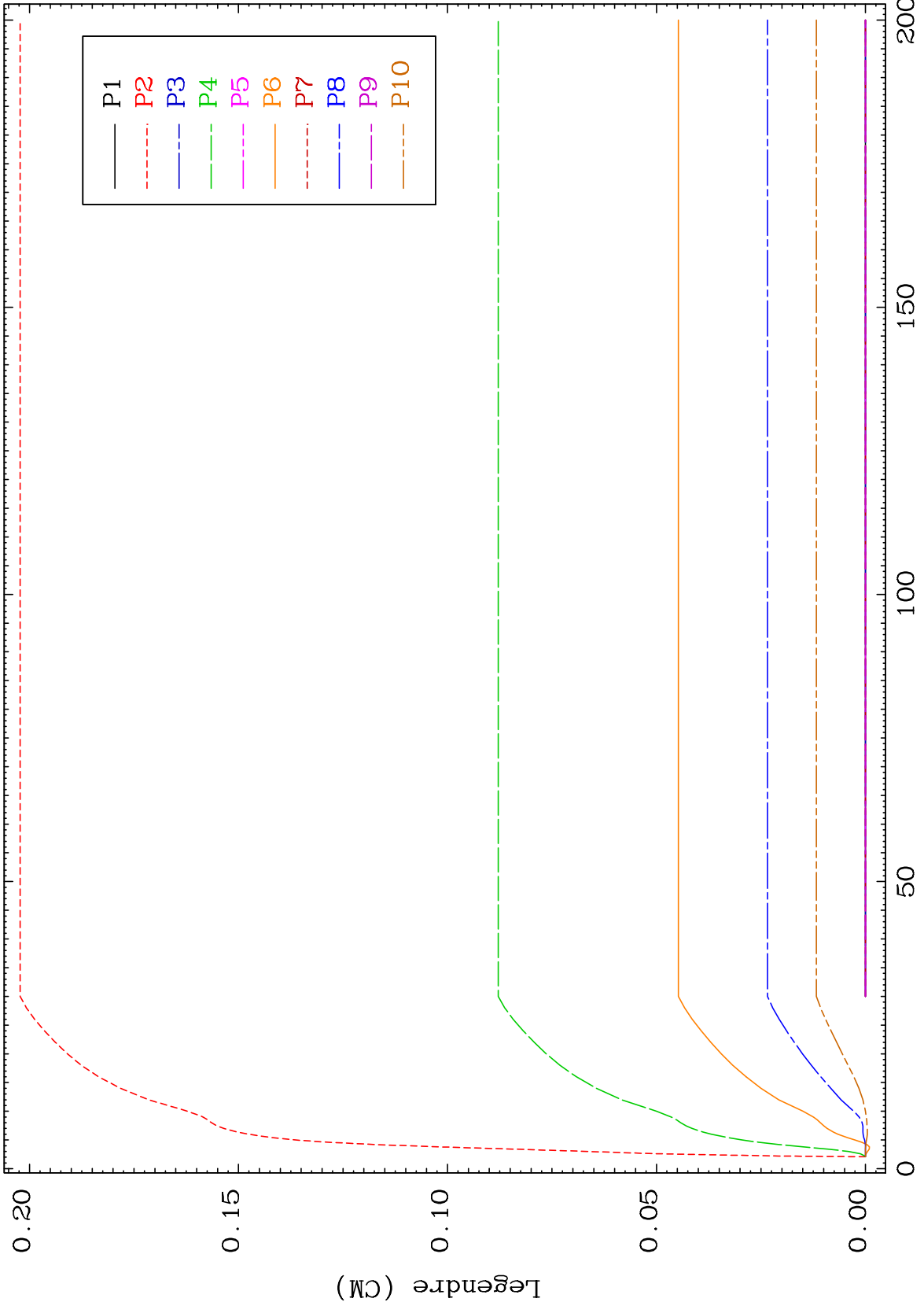
80-Hg-200

MAT 8037 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-200

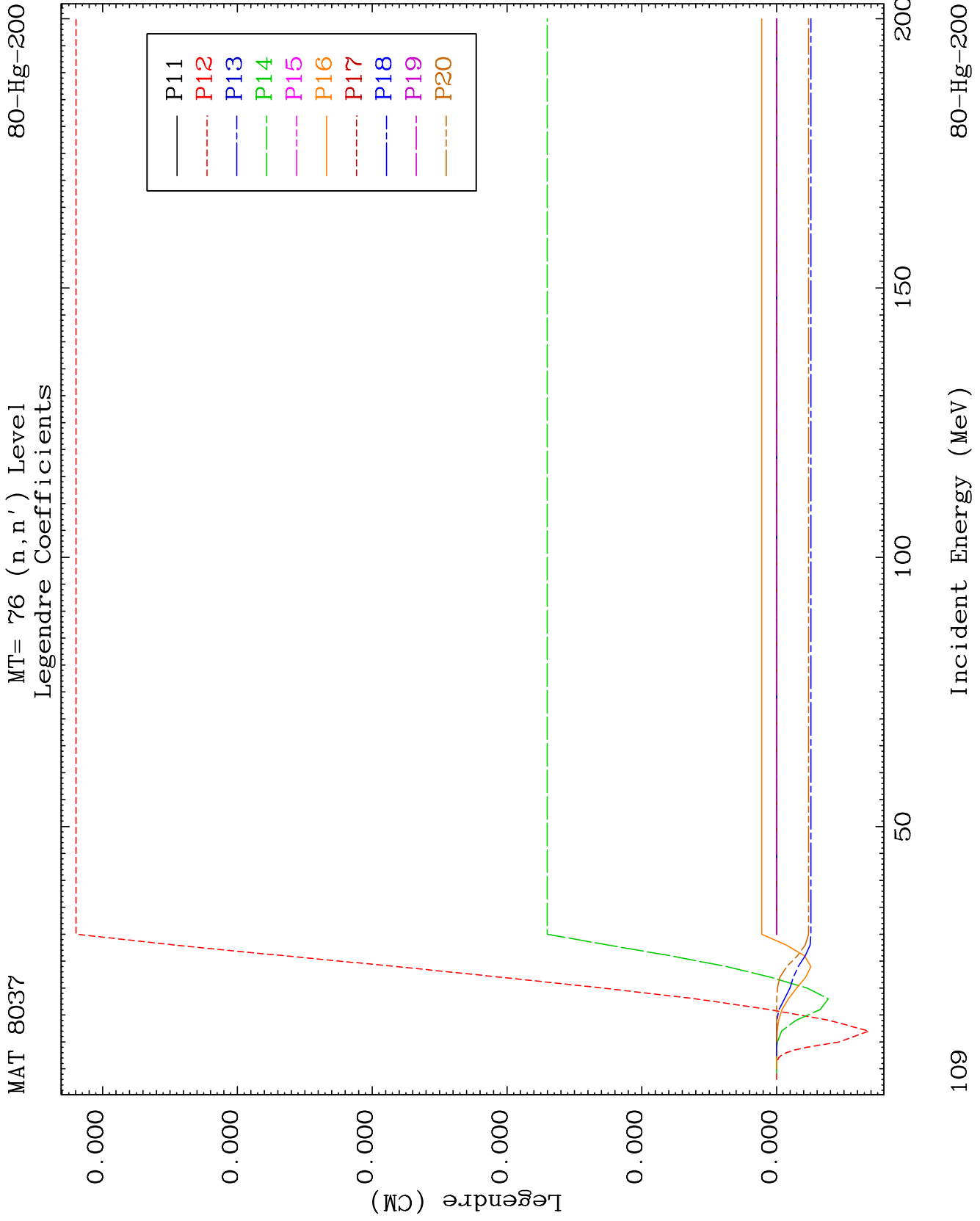


107 80-Hg-200

MAT 8037 MT= 76 (n,n') Level Legendre Coefficients 80-Hg-200



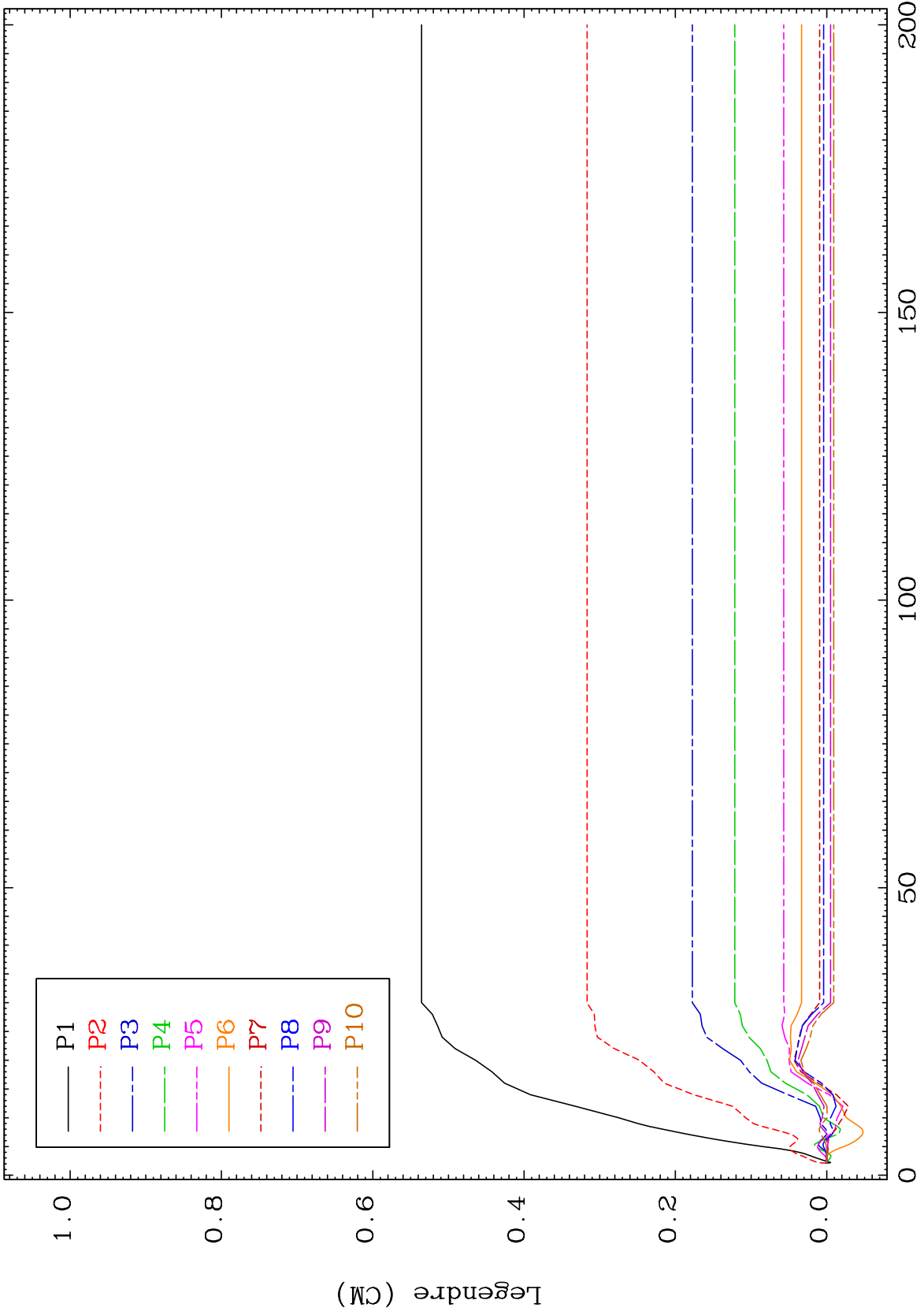
108 Incident Energy (MeV) 80-Hg-200



MAT 8037

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

80-Hg-200



111

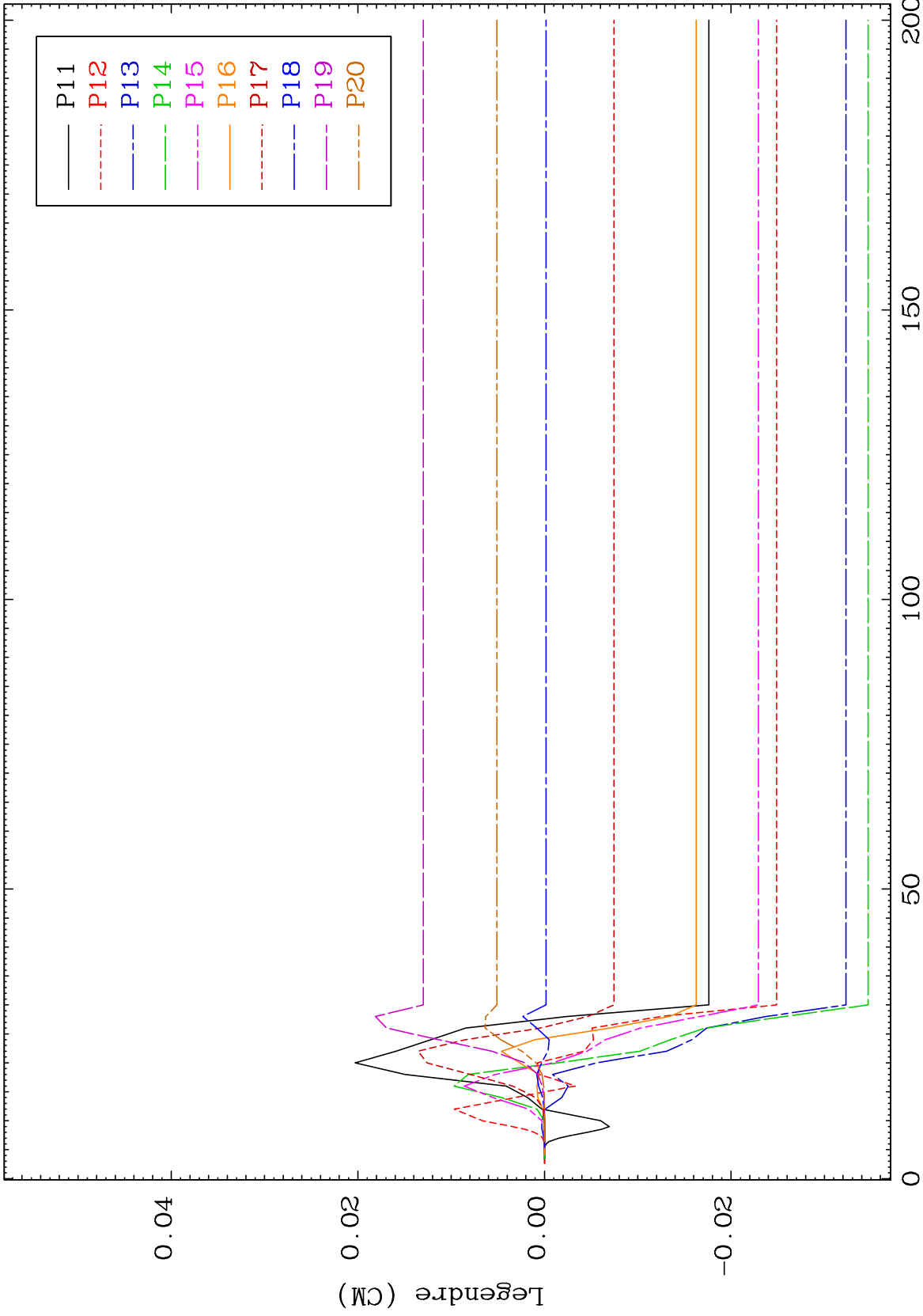
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



112

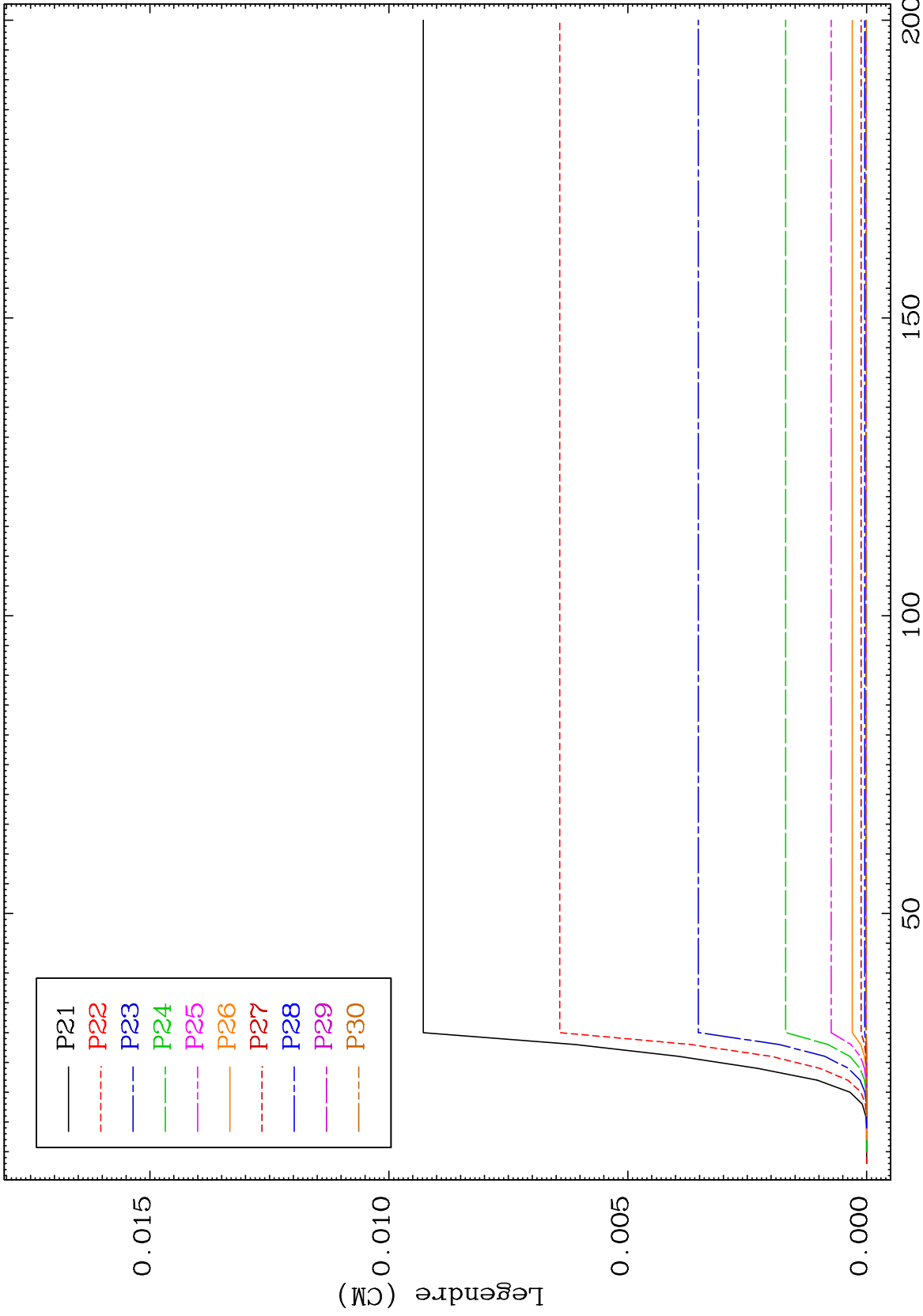
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

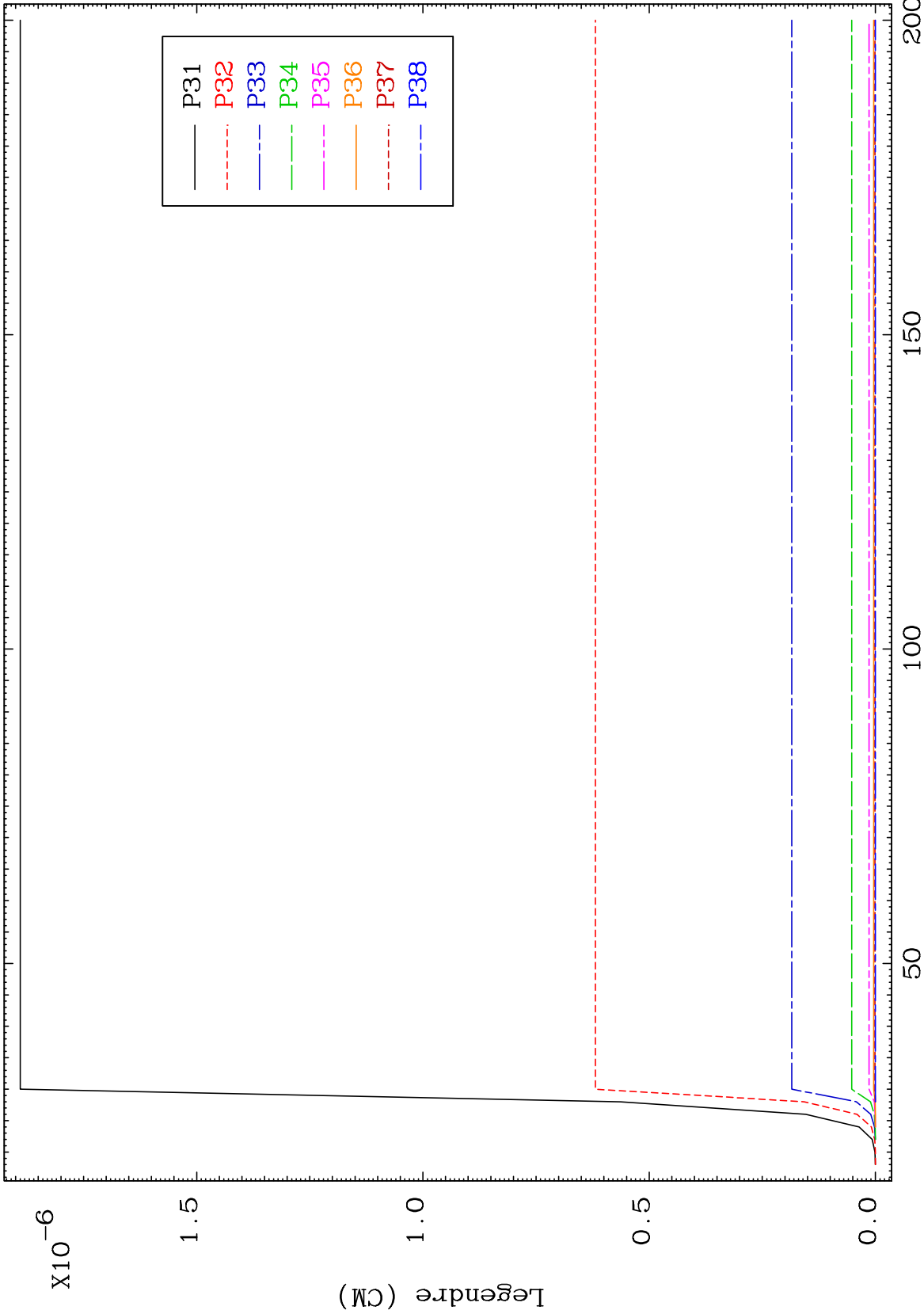
80-Hg-200



MAT 8037

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

80-Hg-200



114

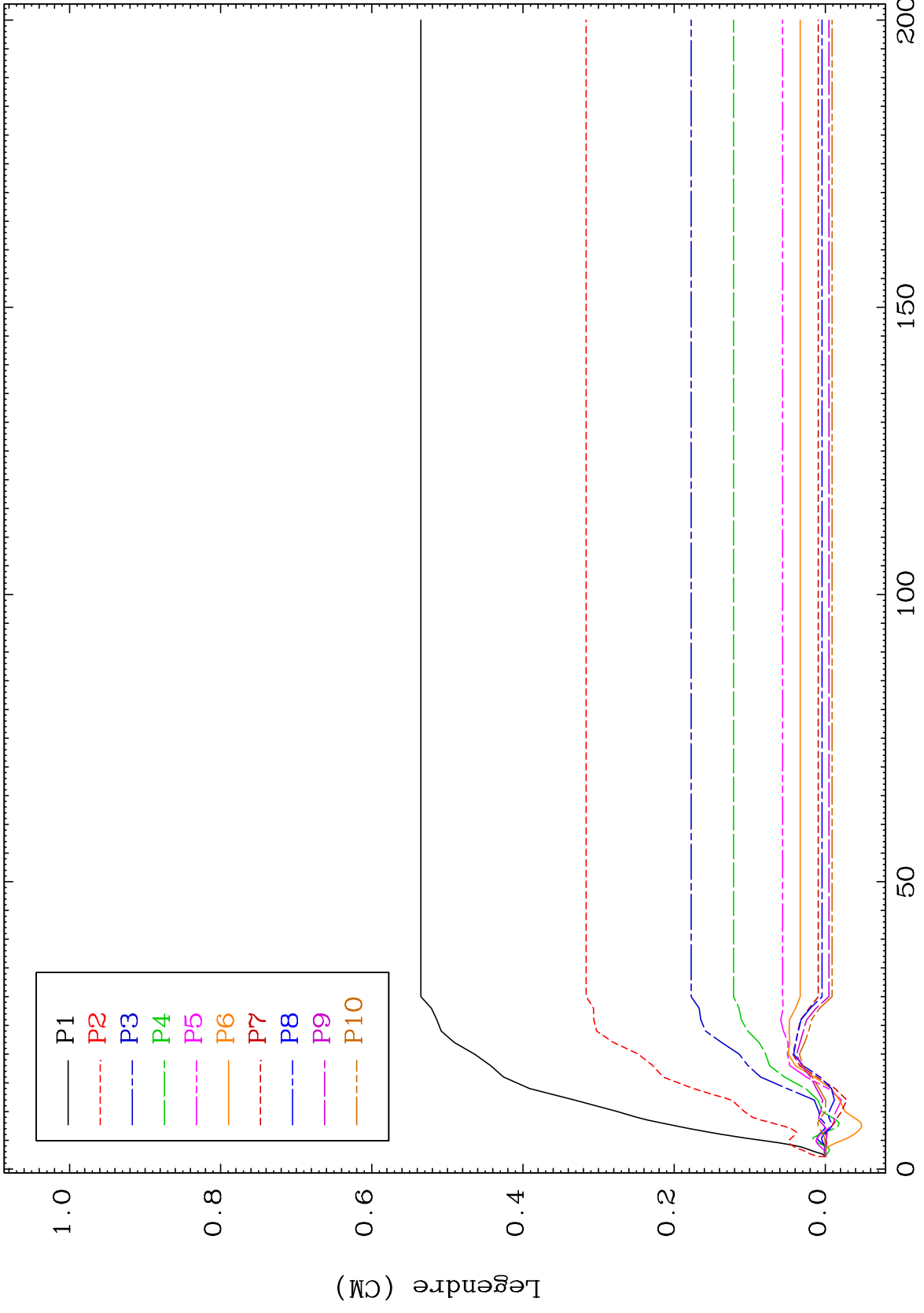
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



115

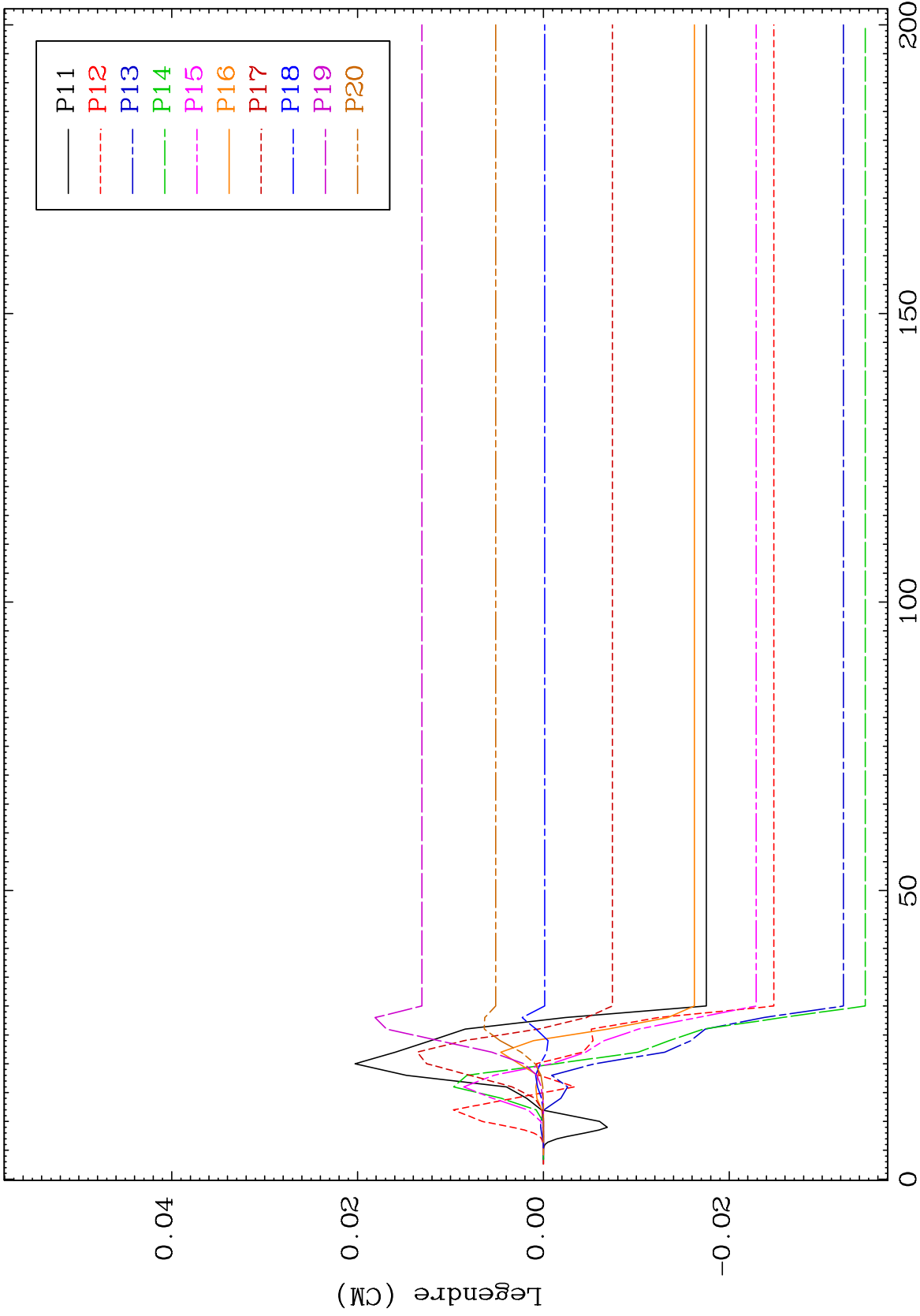
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



116

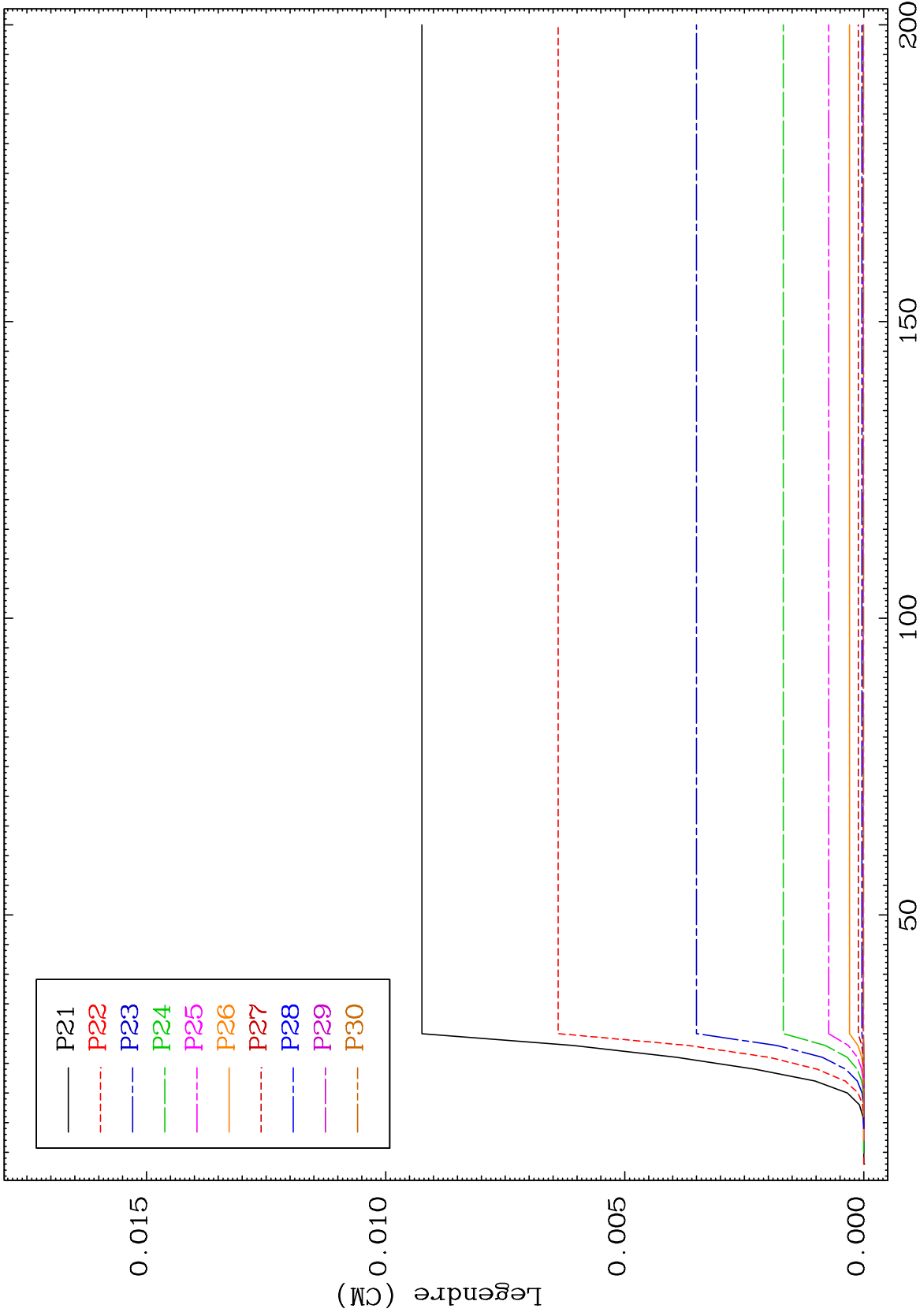
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

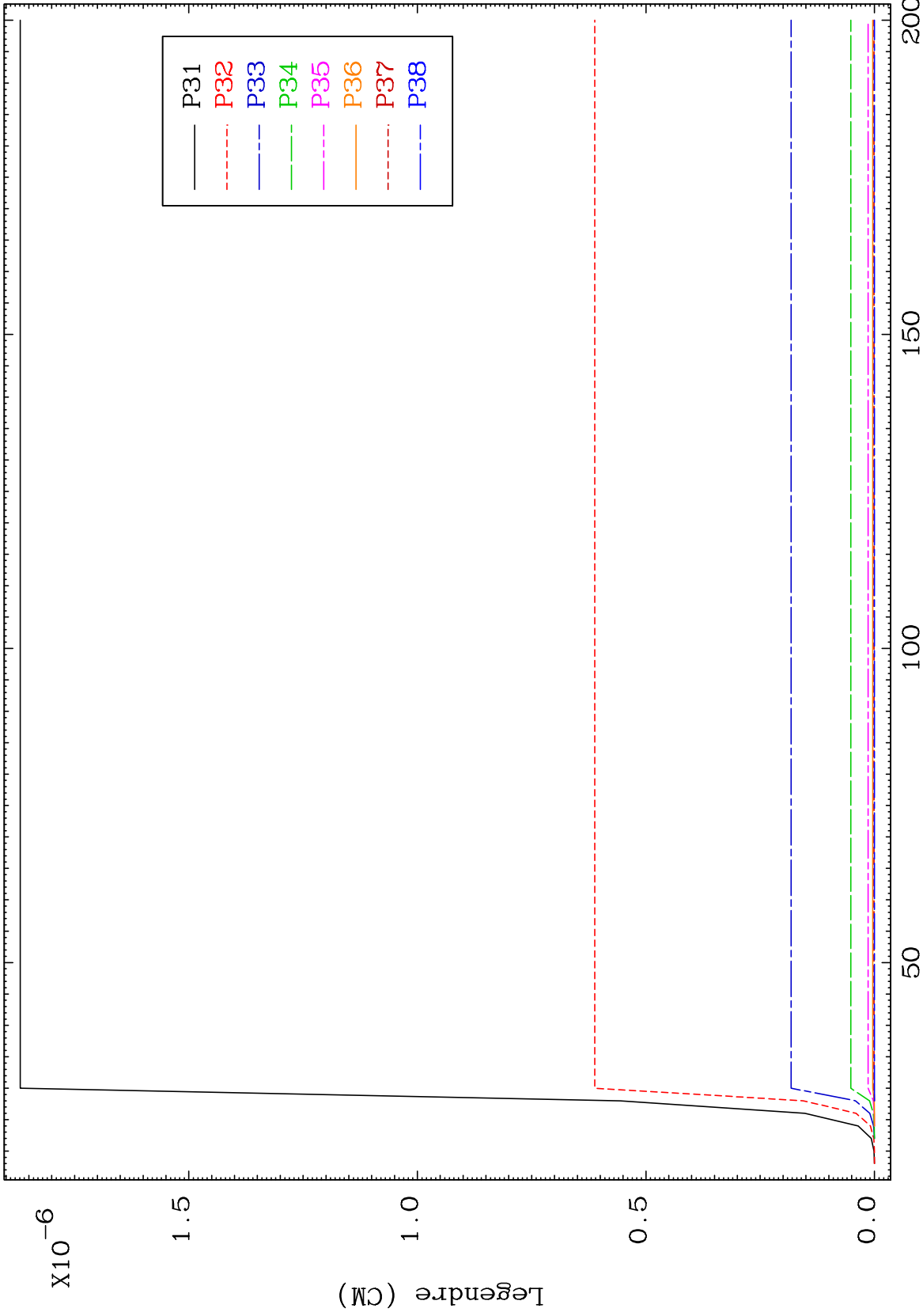
80-Hg-200



MAT 8037

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

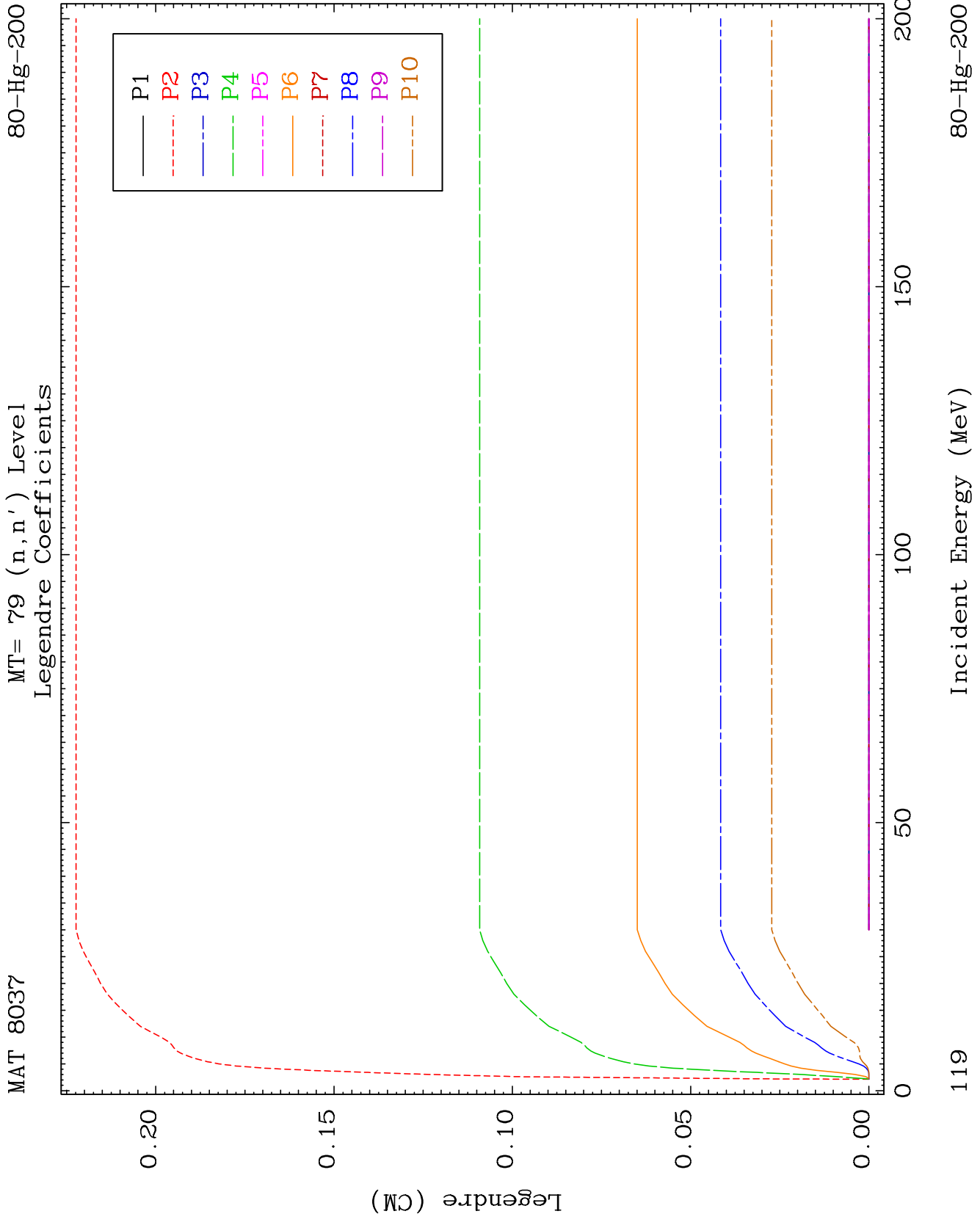
80-Hg-200



118

Incident Energy (MeV)

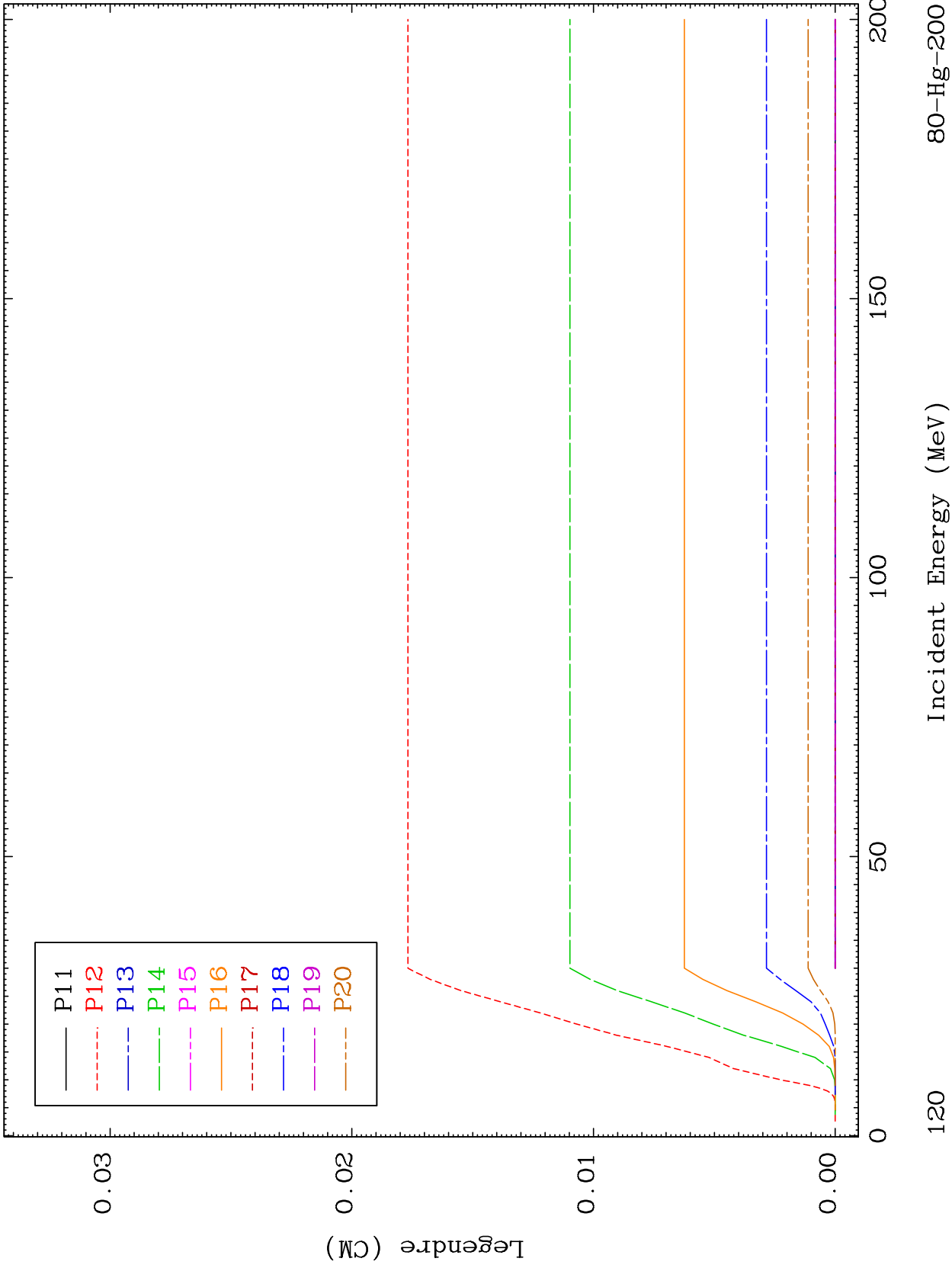
80-Hg-200



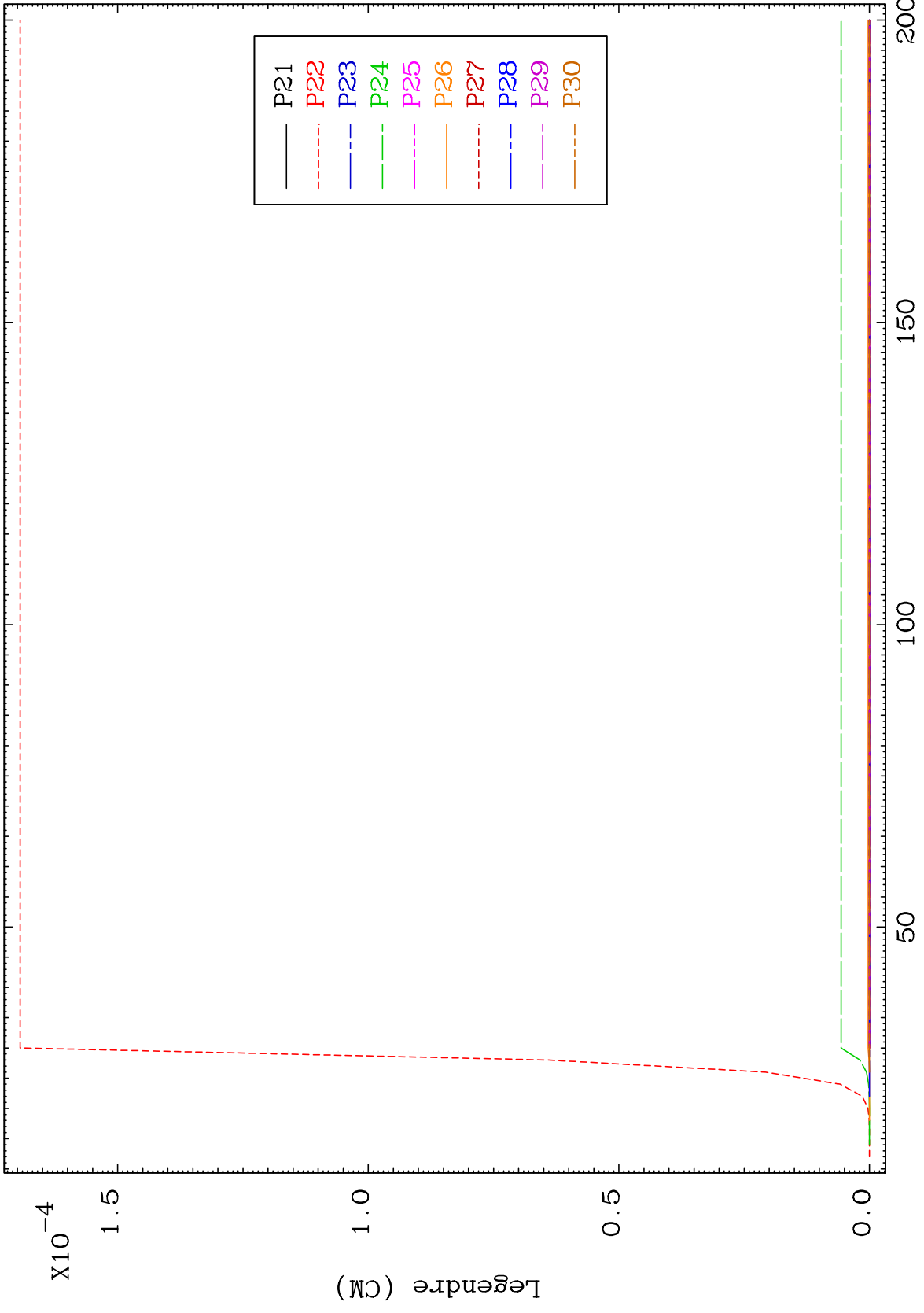
MAT 8037

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

80-Hg-200



MAT 8037 MT= 79 (n,n') Level Legendre Coefficients 80-Hg-200

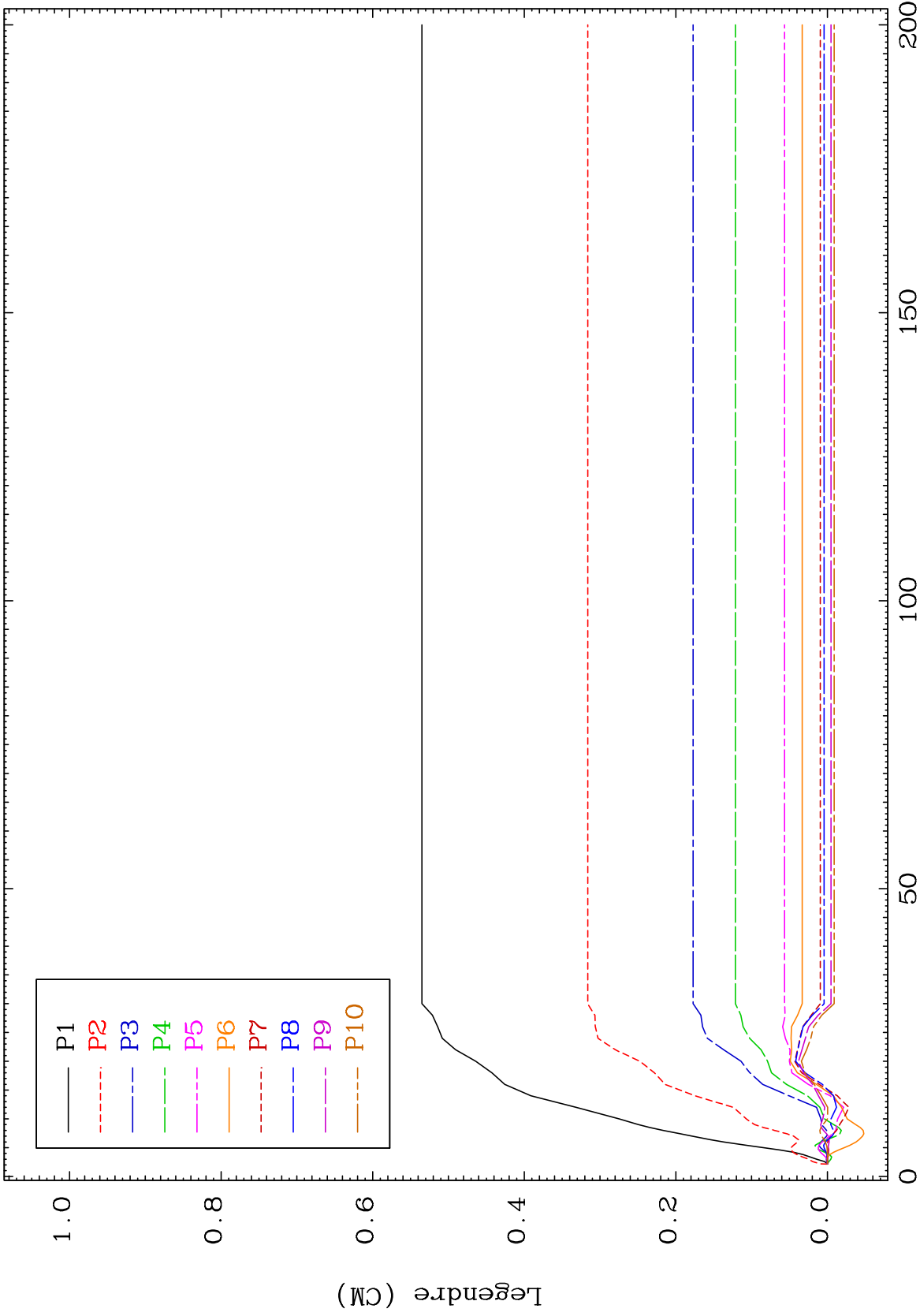


121 80-Hg-200

MAT 8037

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

80-Hg-200



122

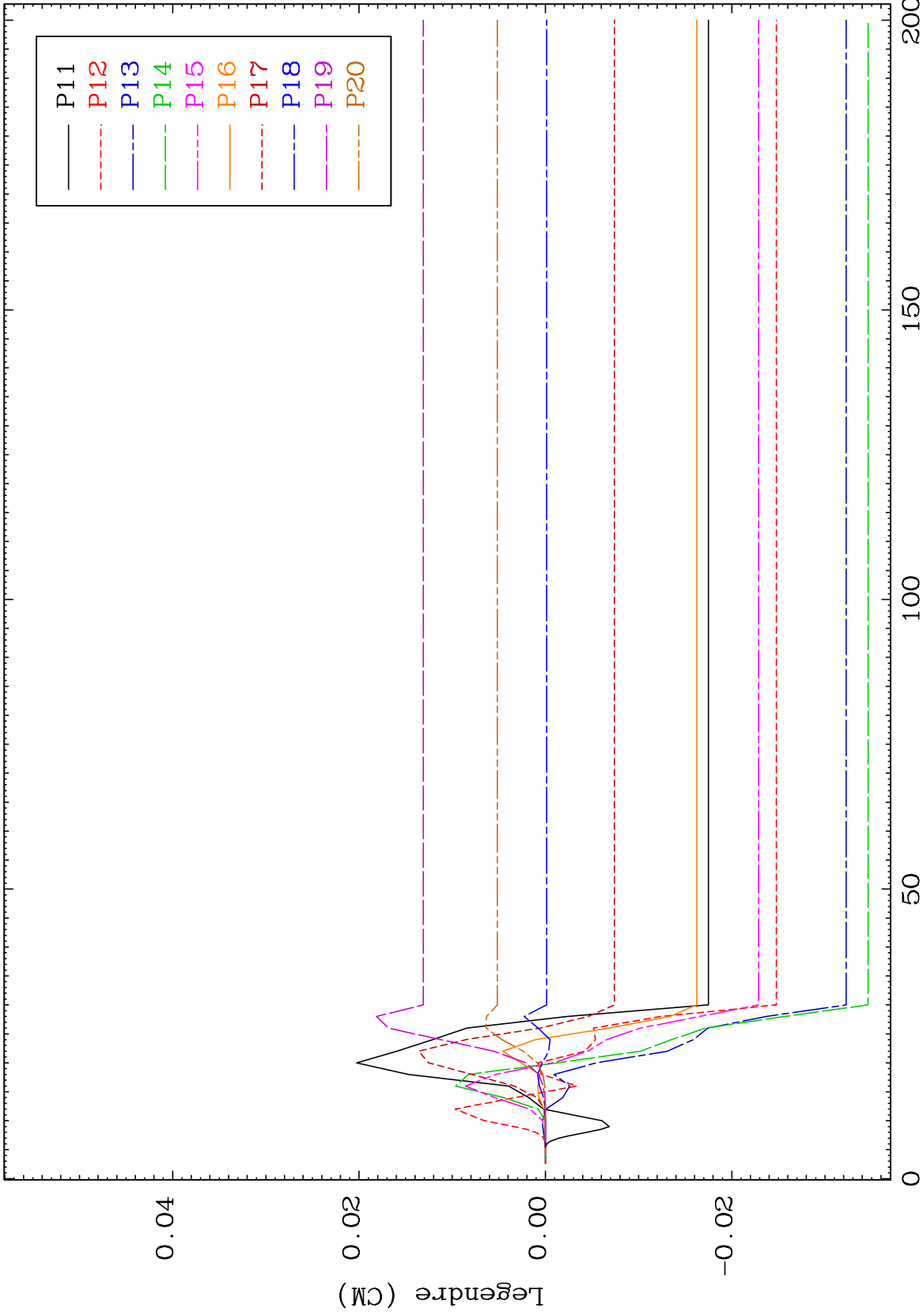
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



123

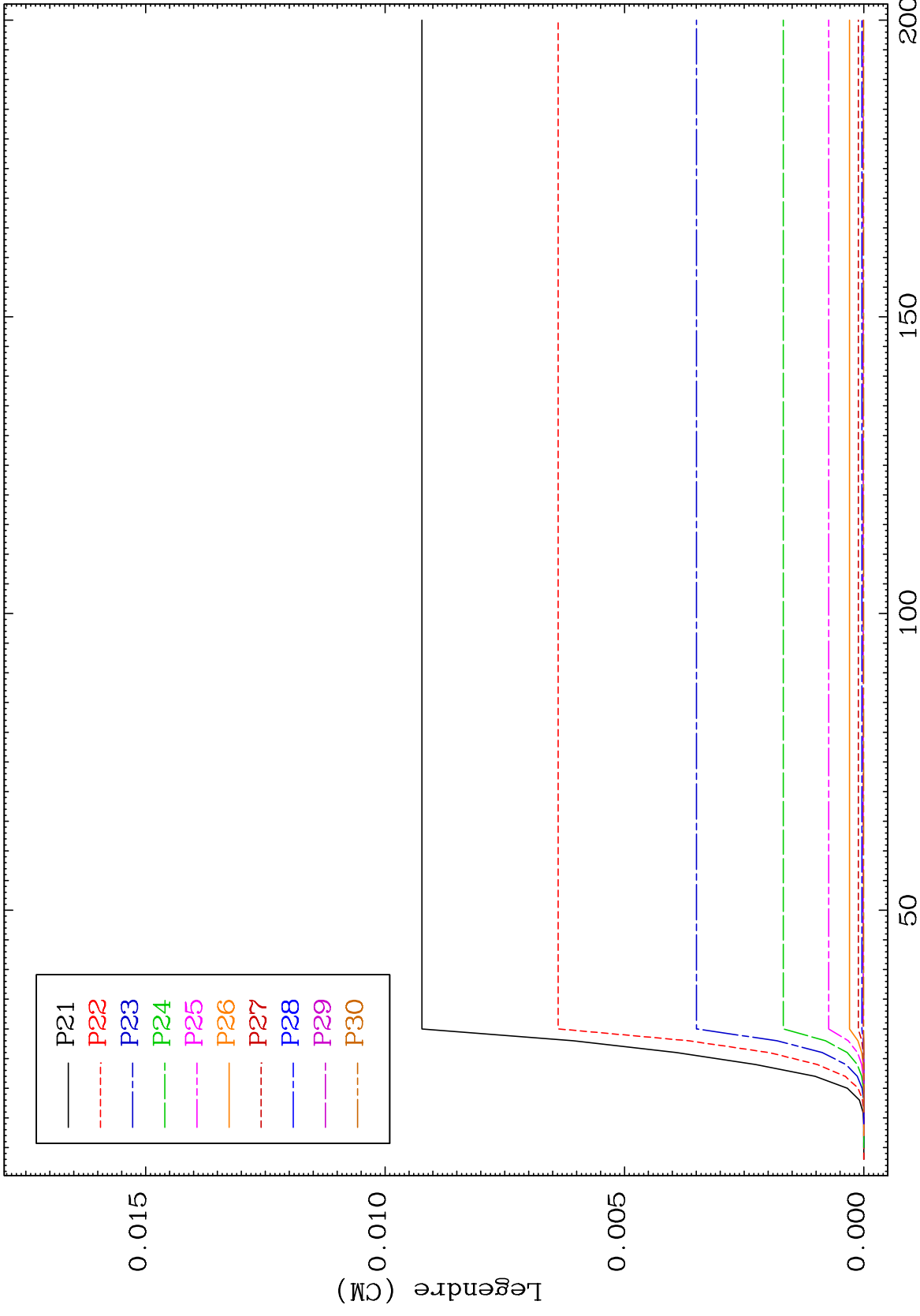
Incident Energy (MeV)

80-Hg-200

MAT 8037

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

80-Hg-200



124

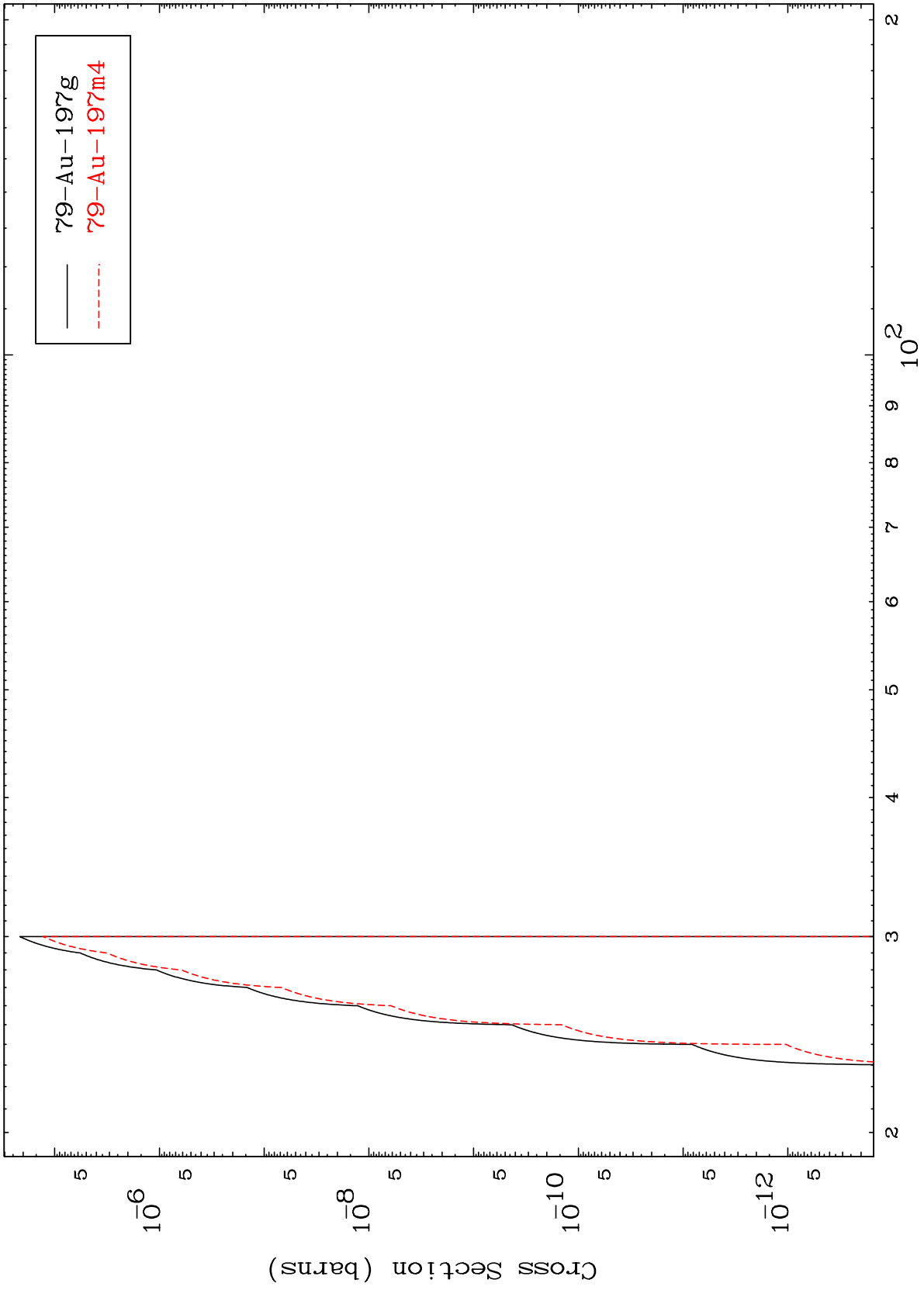
80-Hg-200

MAT 8037

(n,2n) d

80-Hg-200

Radionuclide Production Cross Section



126

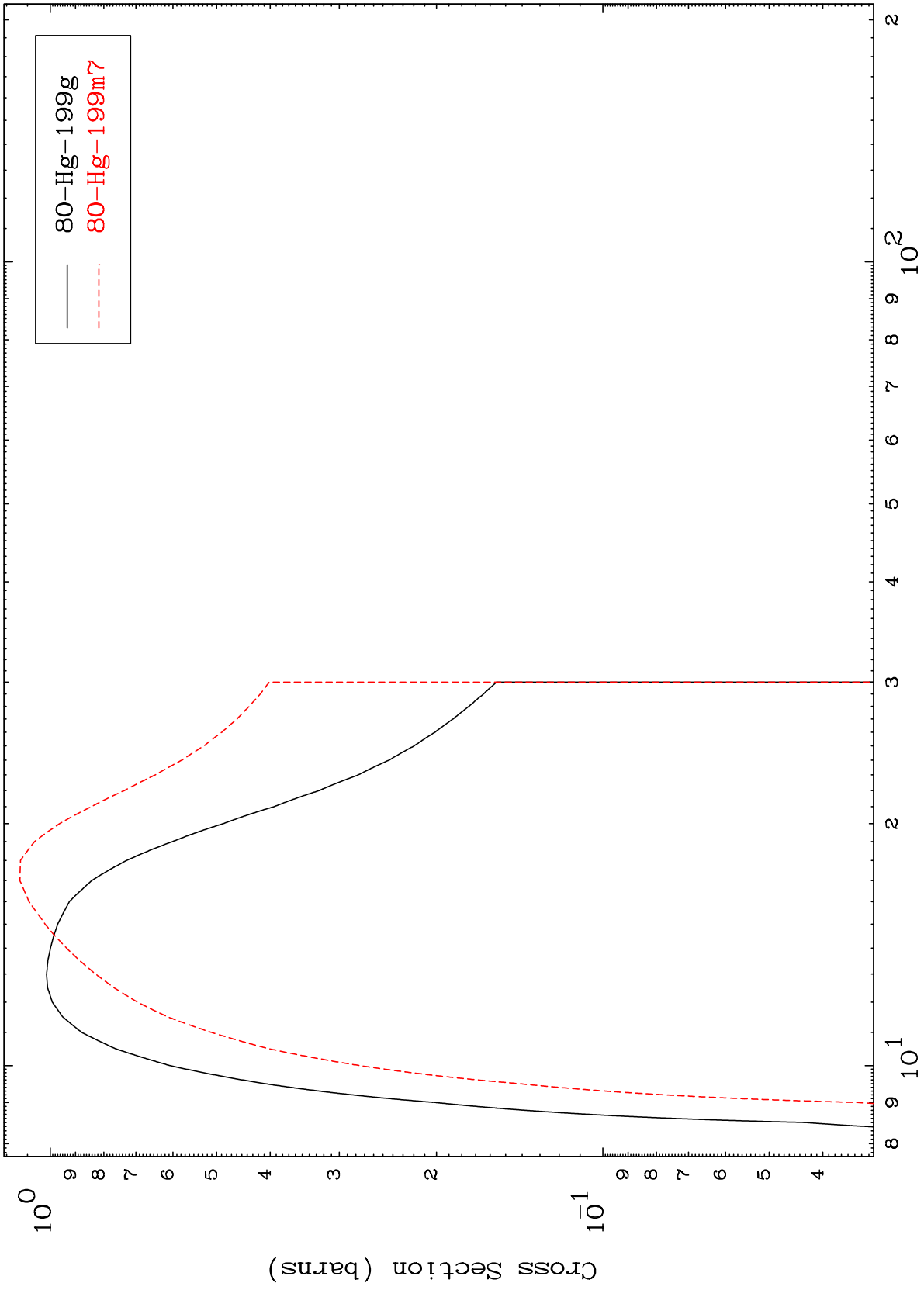
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,2n)
Radionuclide Production Cross Section



80-Hg-199g
80-Hg-199m7

127

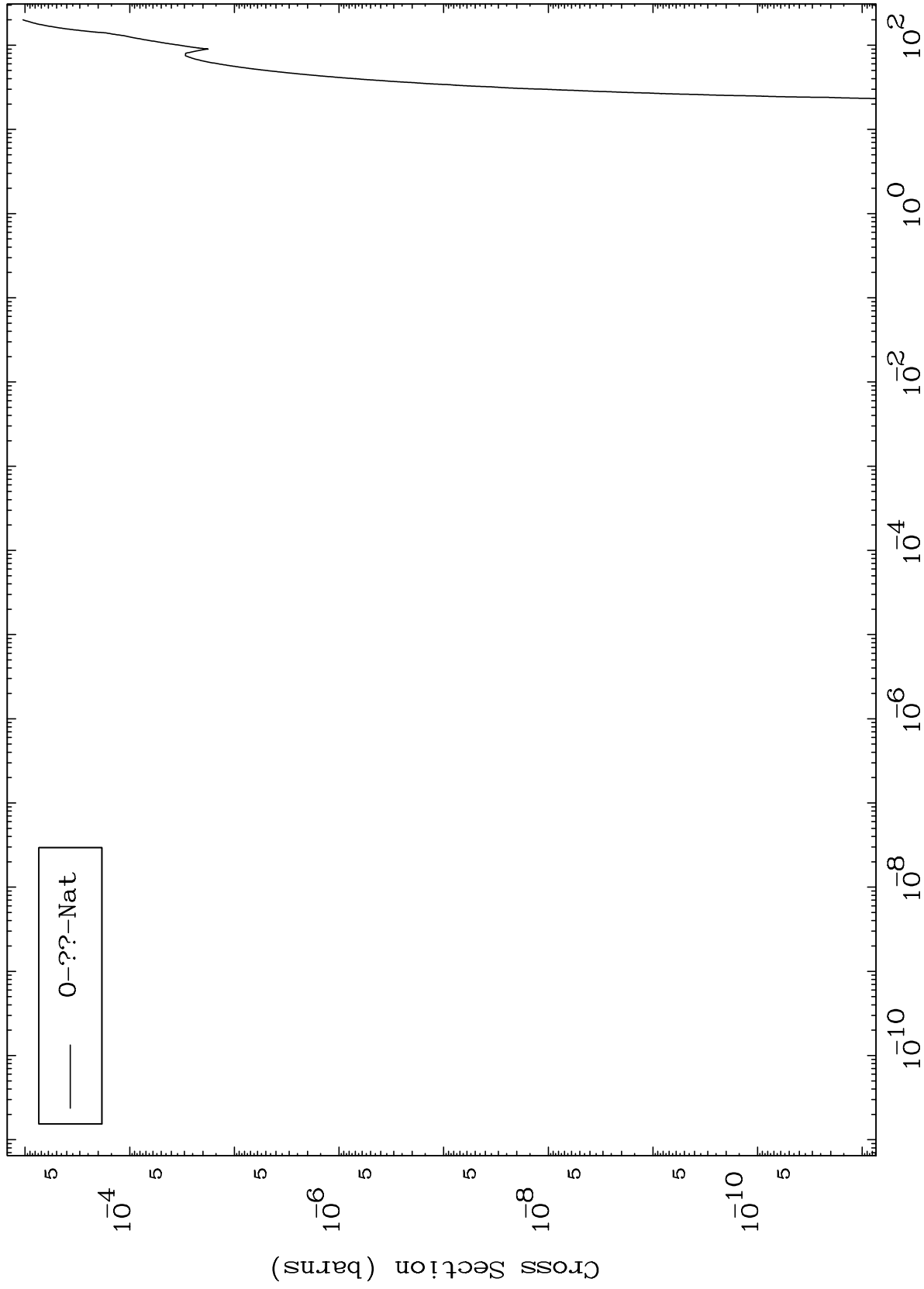
Incident Energy (MeV)

80-Hg-200

MAT 8037

Fission
Radionuclide Production Cross Section

80-Hg-200

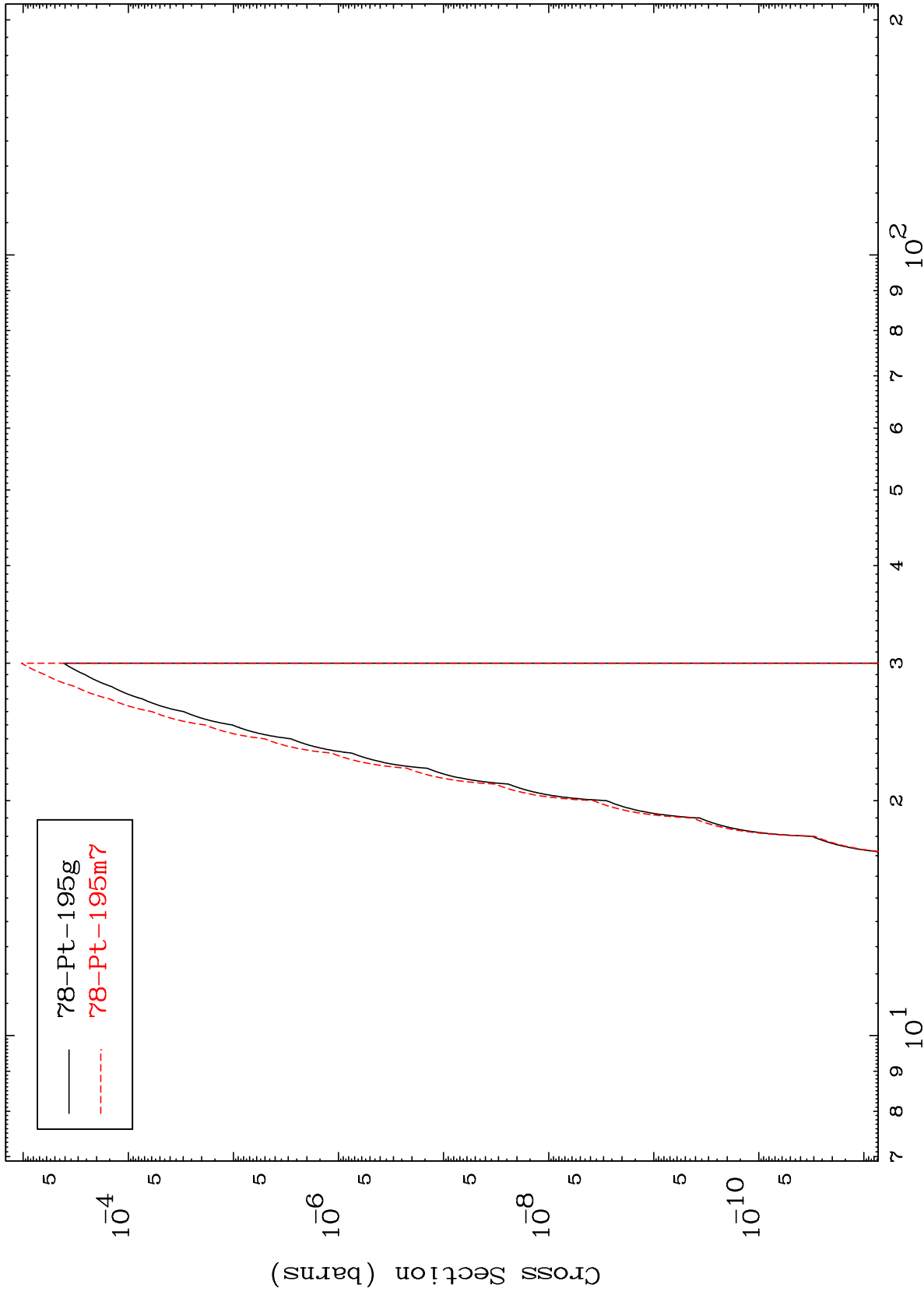


MAT 8037

$(n, 2n) \alpha$

80-Hg-200

Radionuclide Production Cross Section



129

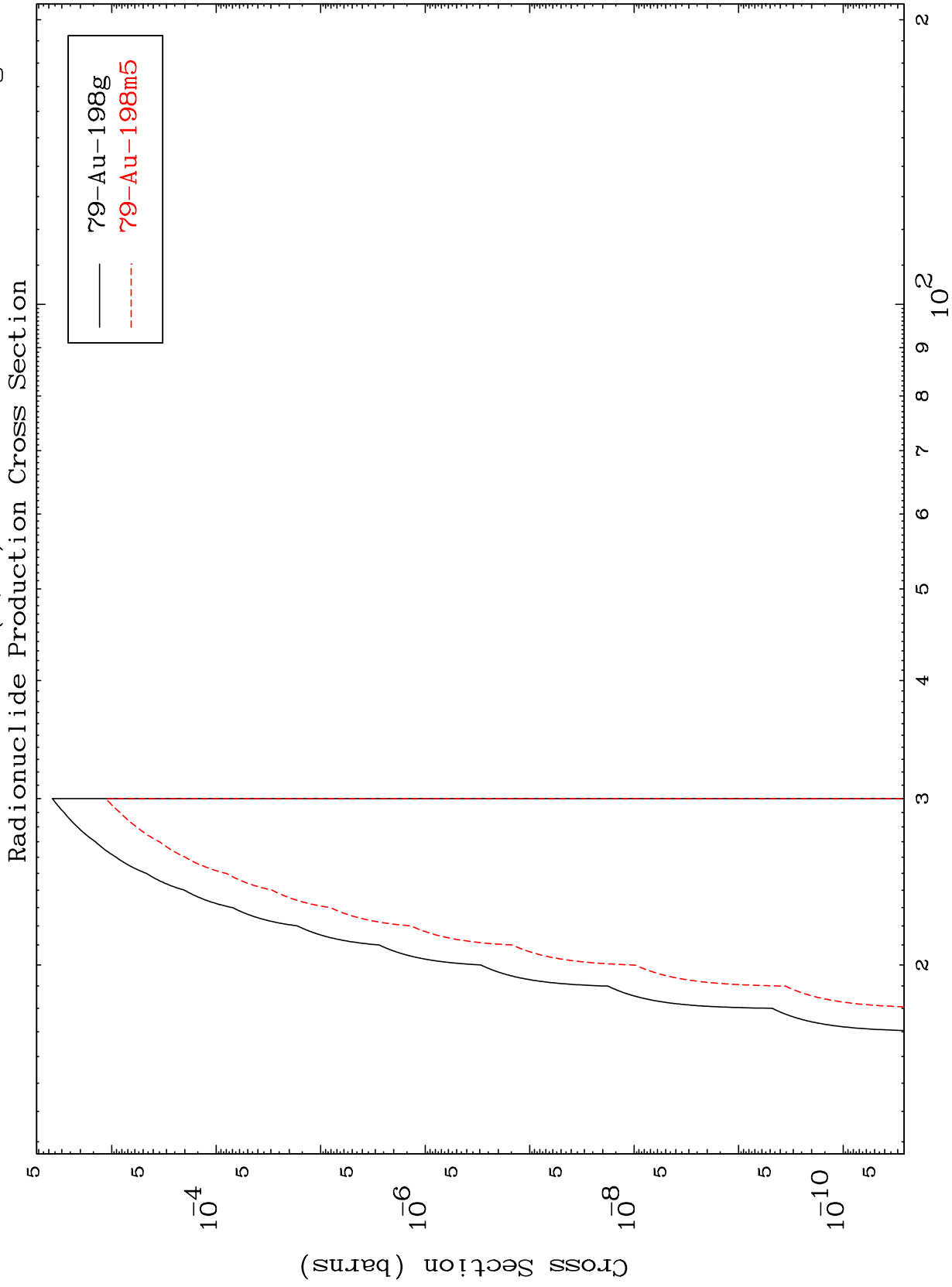
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,n') d

80-Hg-200



130

Incident Energy (MeV)

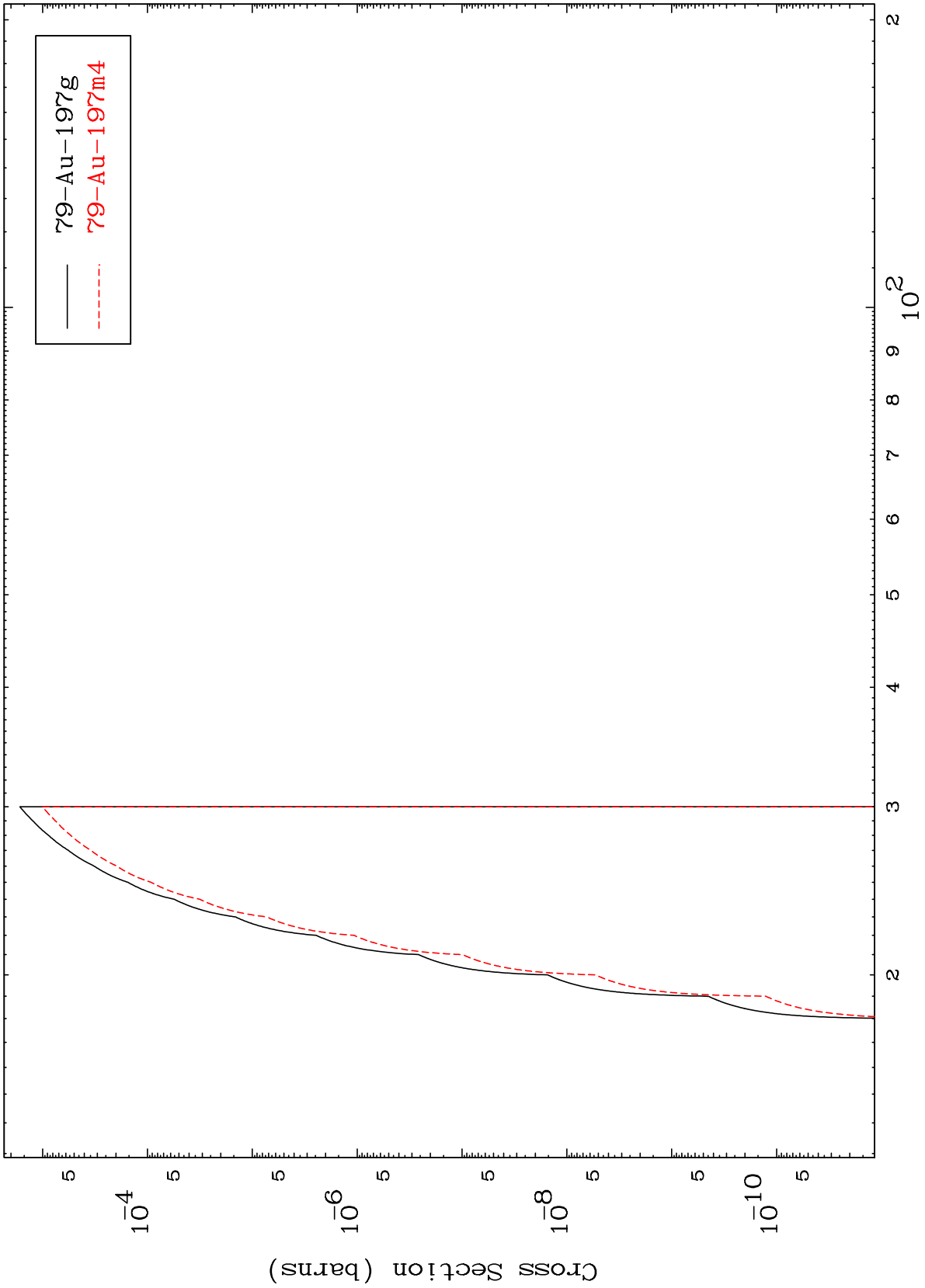
80-Hg-200

MAT 8037

(n,n') t

80-Hg-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

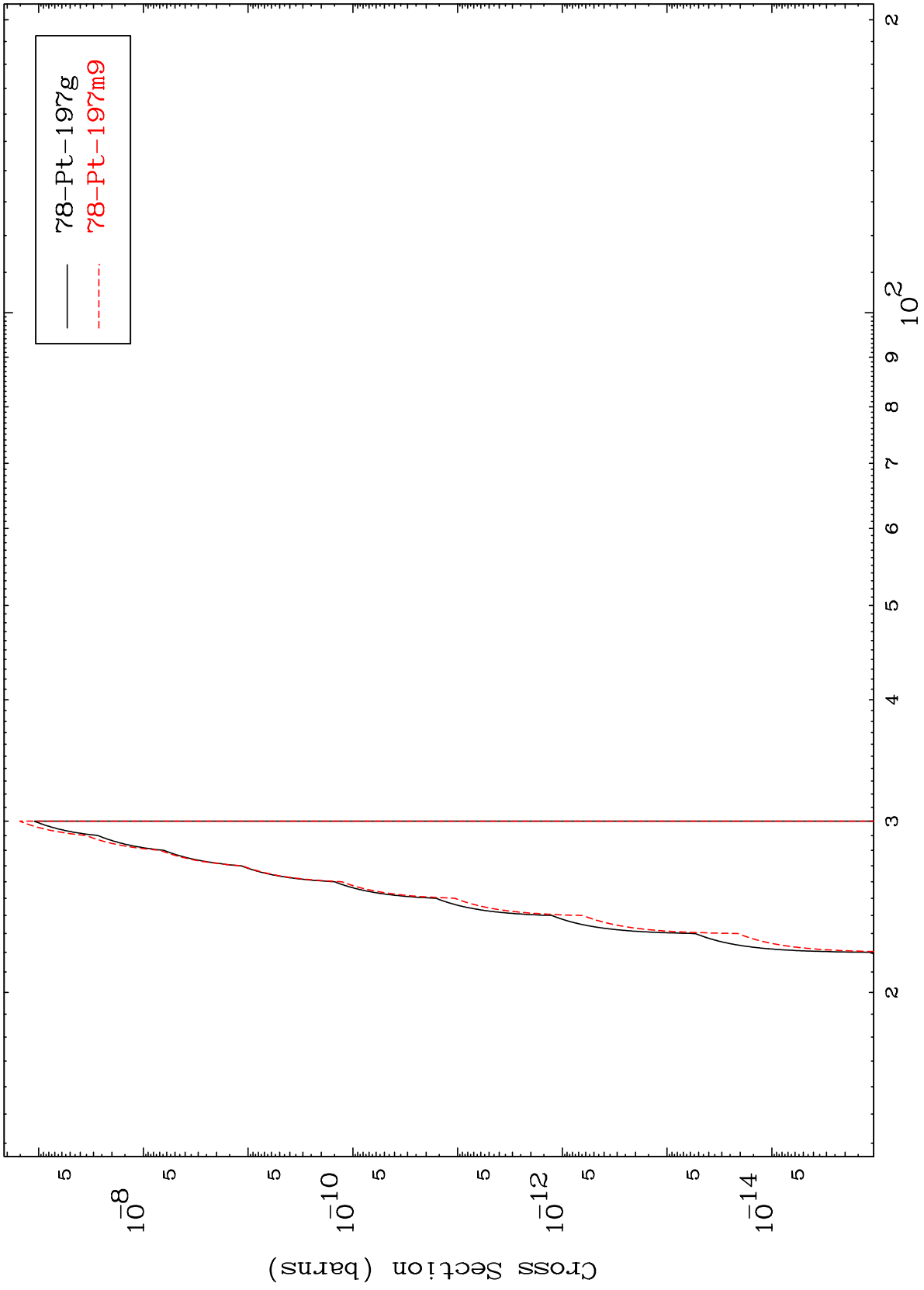
80-Hg-200

MAT 8037

(n, n') He-3

80-Hg-200

Radionuclide Production Cross Section



132

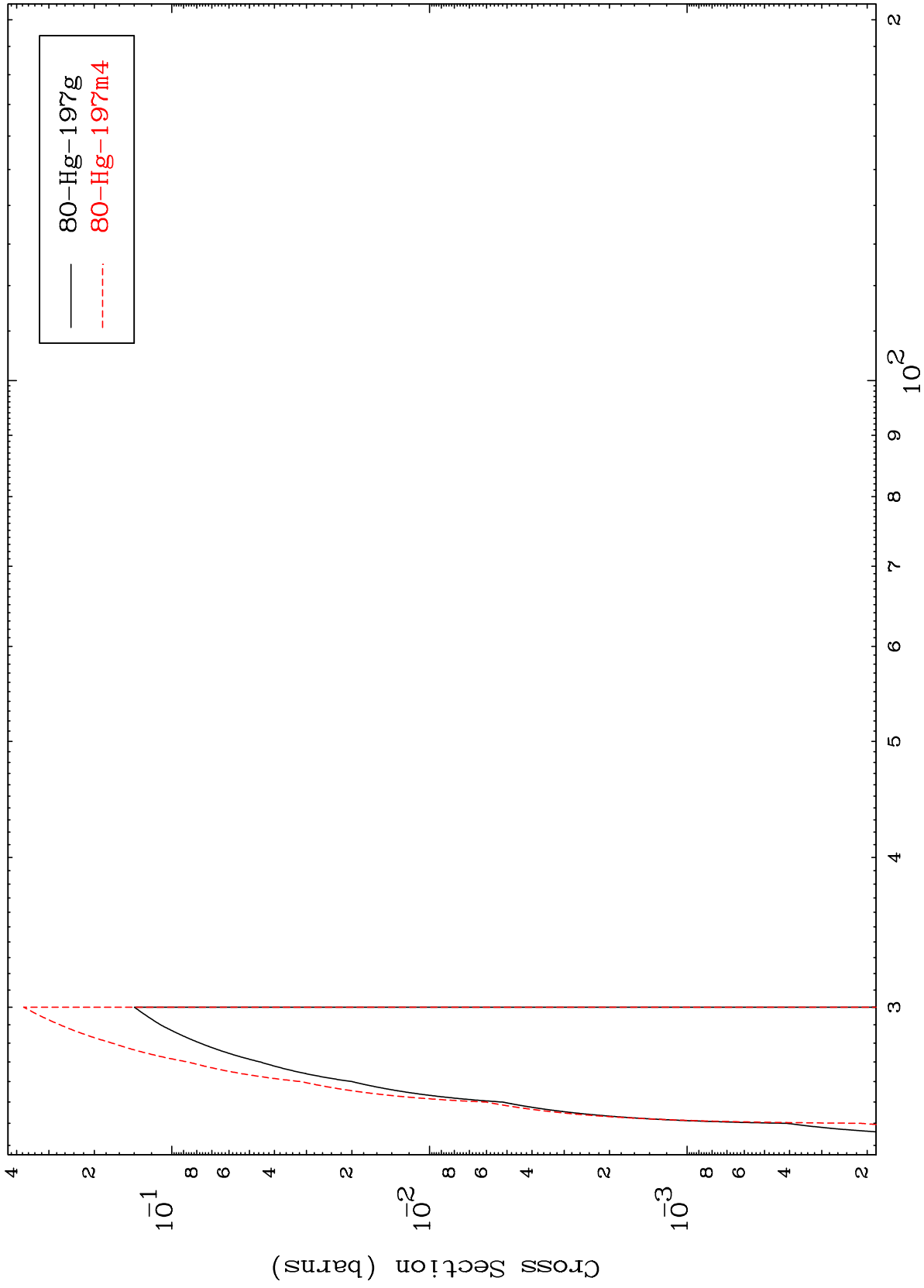
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n,4n)
Radionuclide Production Cross Section



133

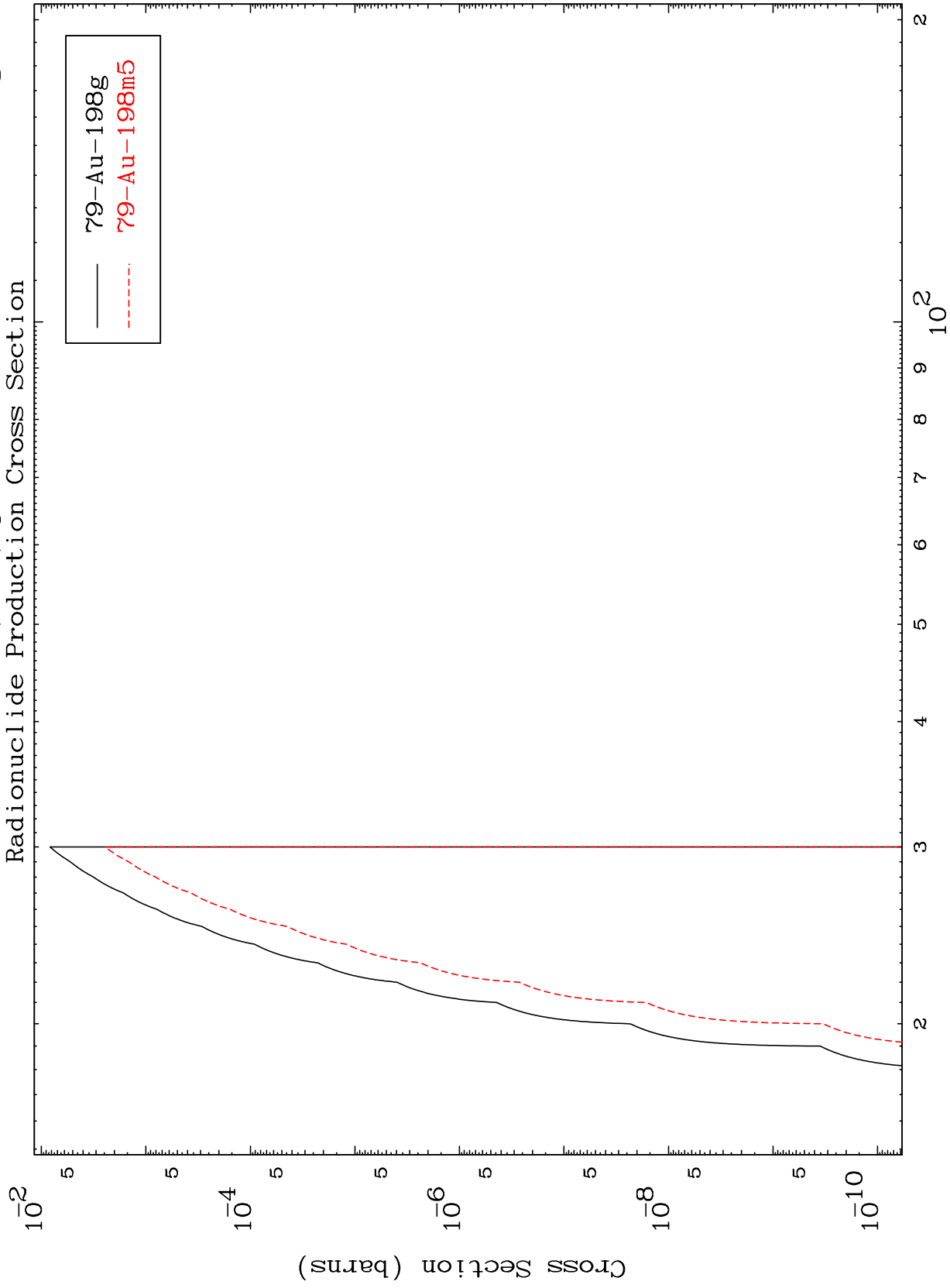
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,2n) p

80-Hg-200



134

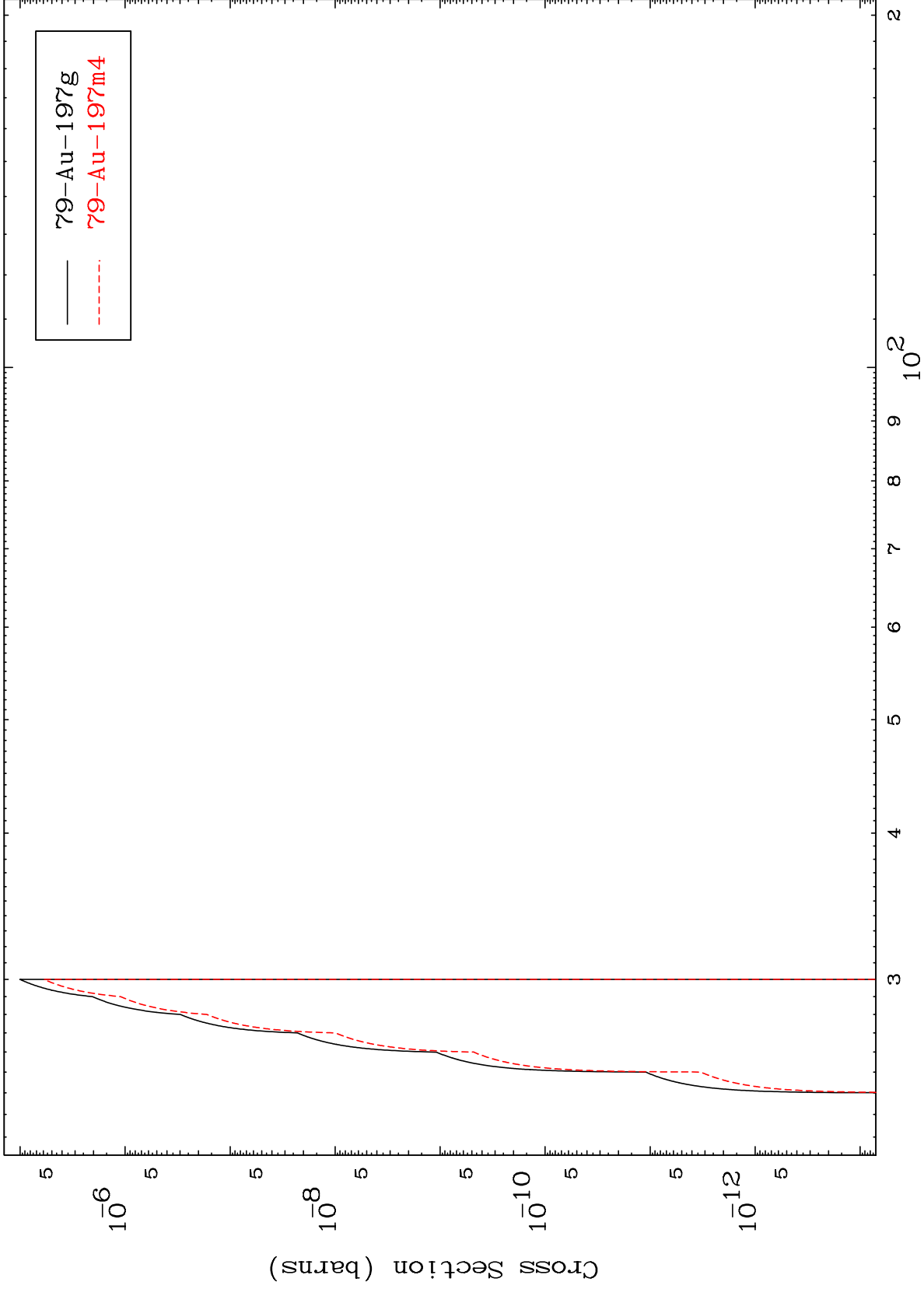
80-Hg-200

MAT 8037

(n,3n) p

80-Hg-200

Radionuclide Production Cross Section



135

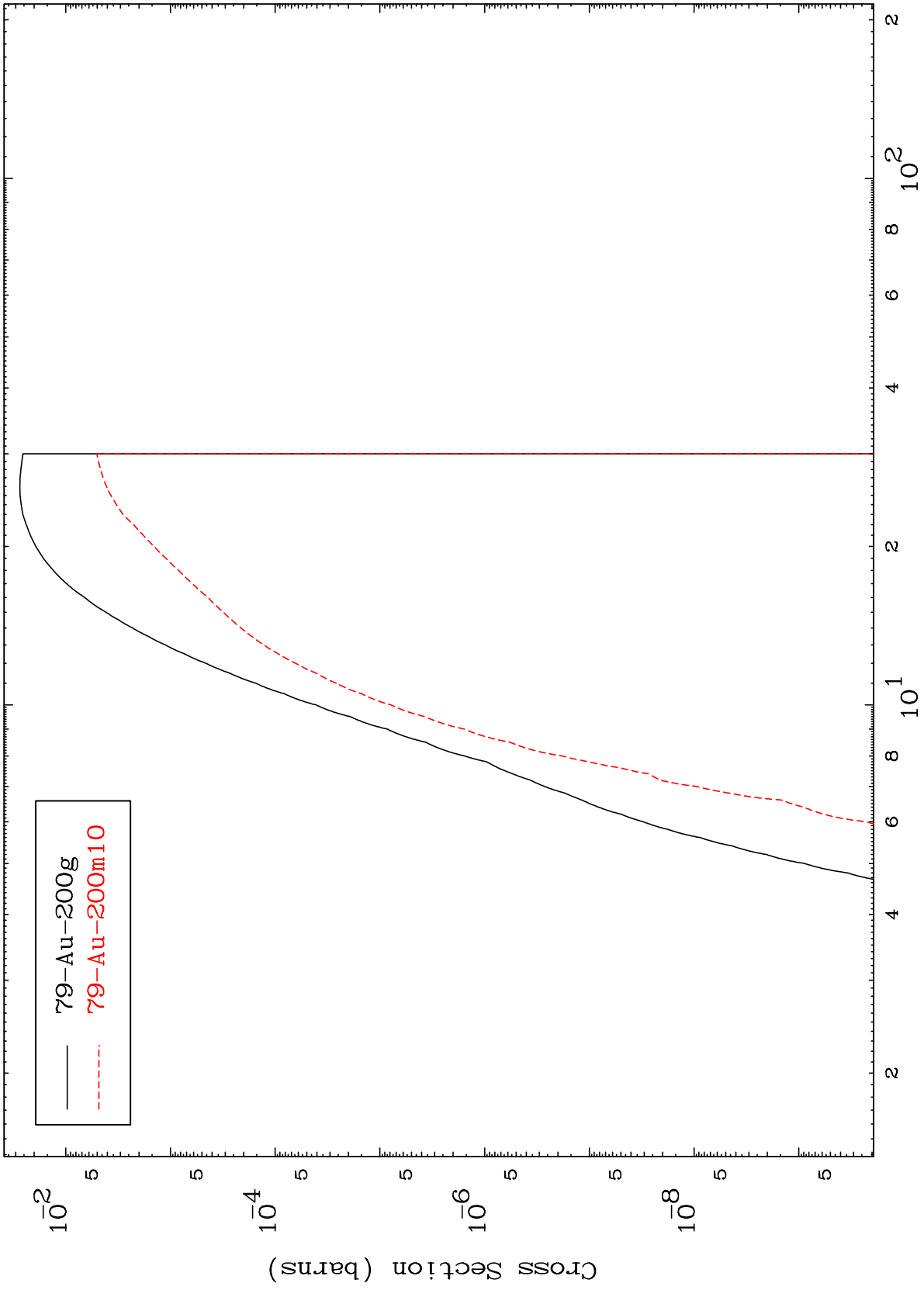
Incident Energy (MeV)

80-Hg-200

MAT 8037

(n,p)
Radionuclide Production Cross Section

80-Hg-200



— $^{79}\text{Au-200g}$
- - - $^{79}\text{Au-200m10}$

136

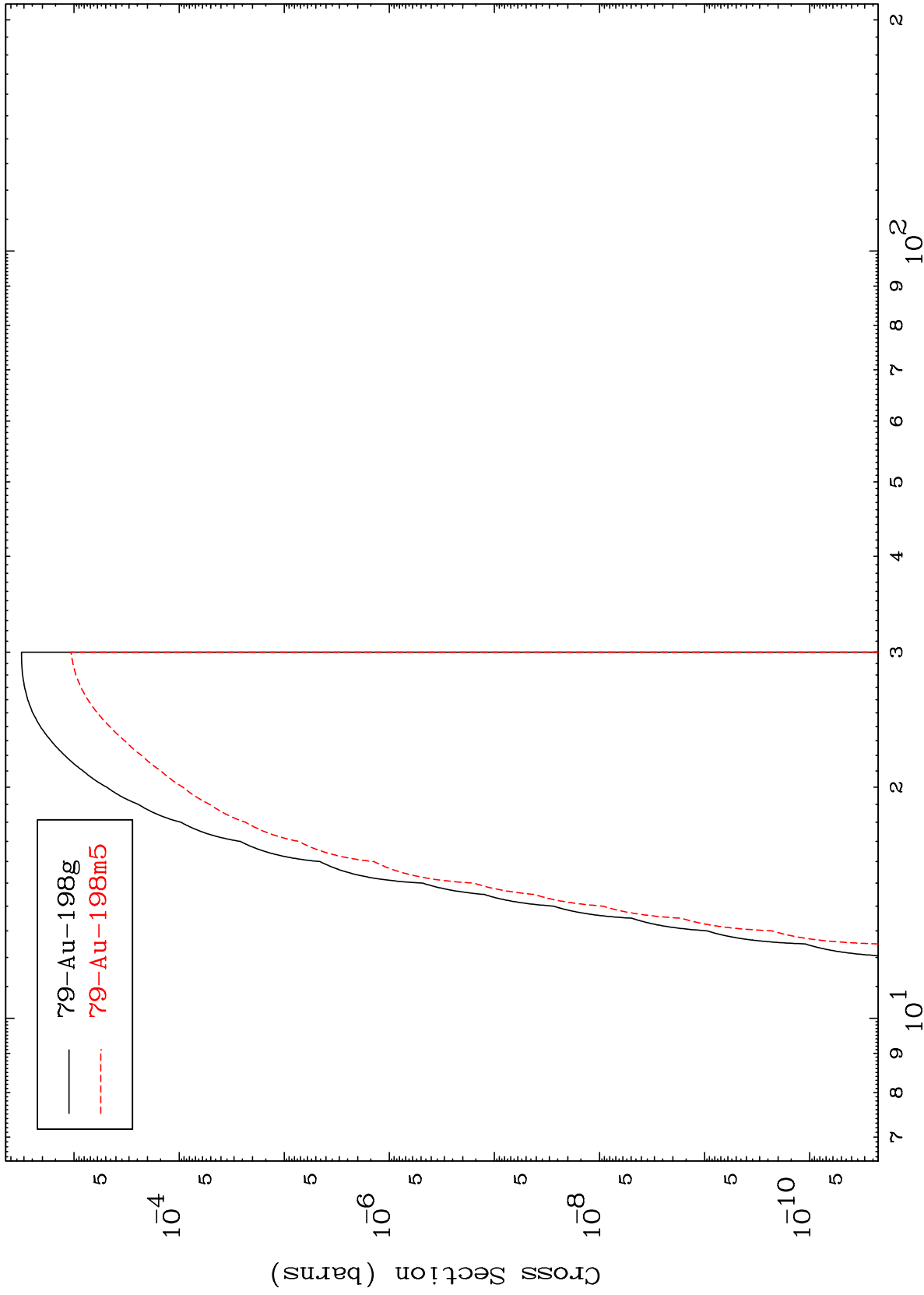
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

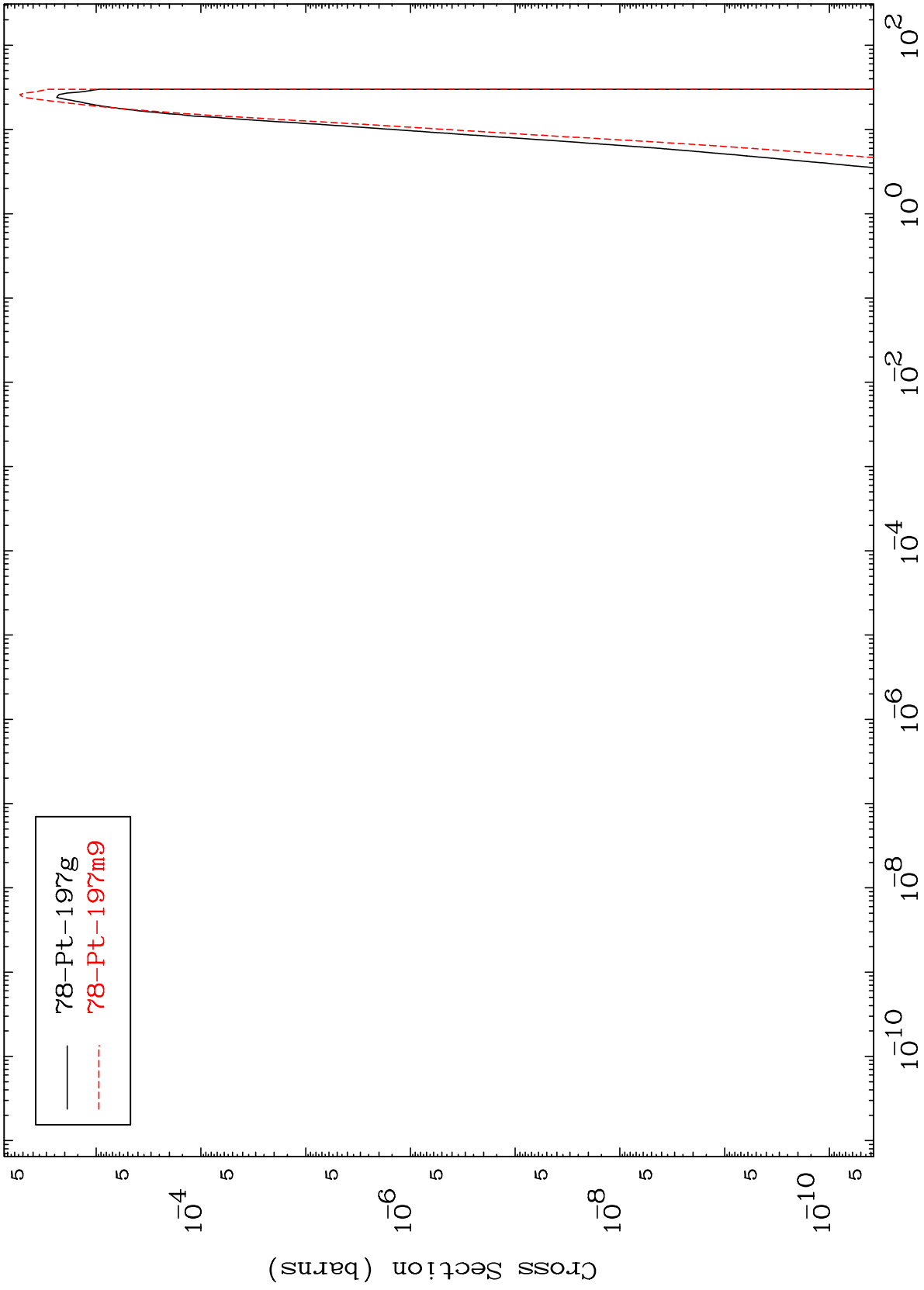
80-Hg-200

MAT 8037

(n, α)

80-Hg-200

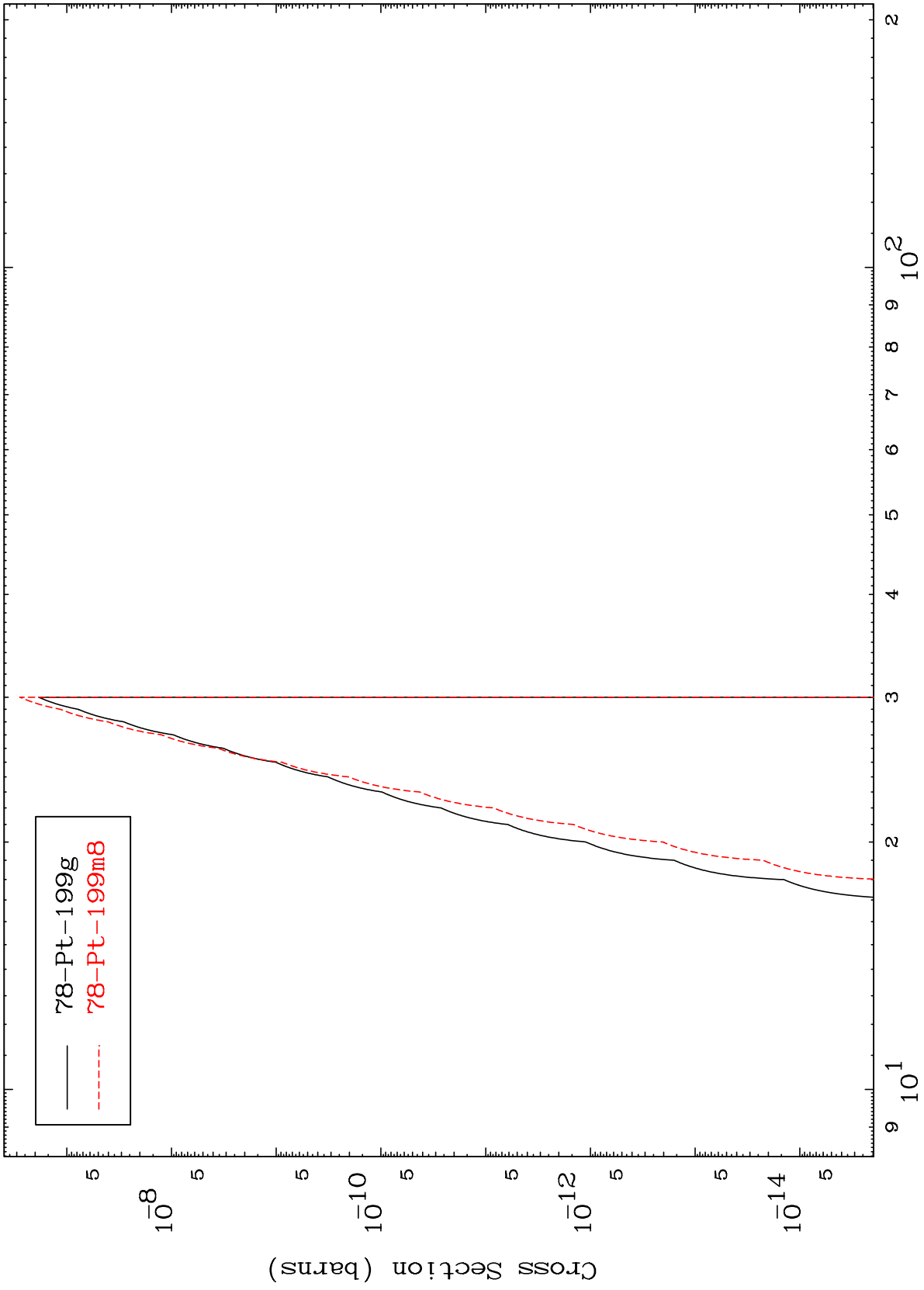
Radionuclide Production Cross Section



MAT 8037

80-Hg-200

Radionuclide Production Cross Section
(n,2p)



139

Incident Energy (MeV)

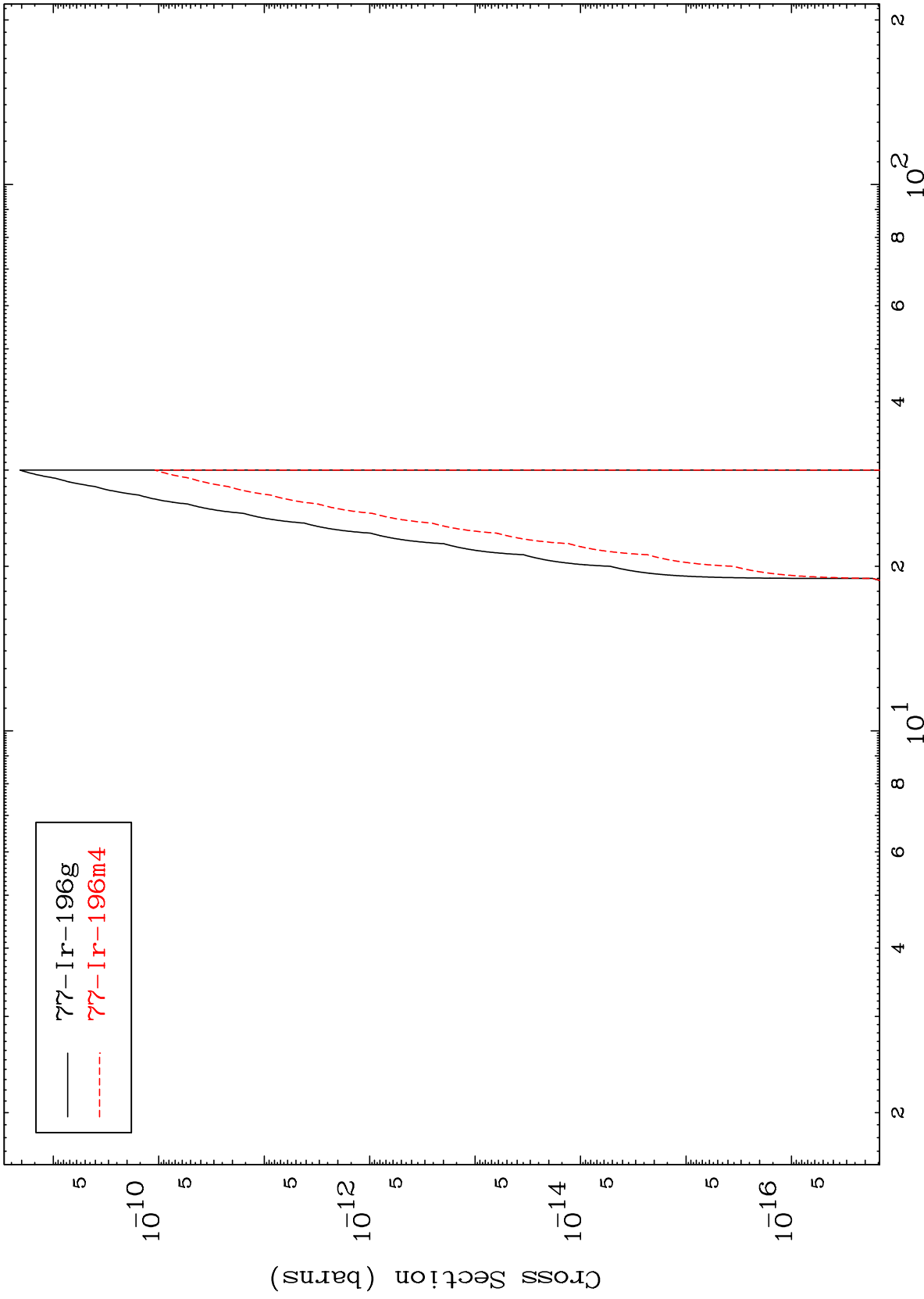
80-Hg-200

MAT 8037

(n,p) α

80-Hg-200

Radionuclide Production Cross Section



140

Incident Energy (MeV)

80-Hg-200