

Program EVALPLOT
(Version 2018-1)

by

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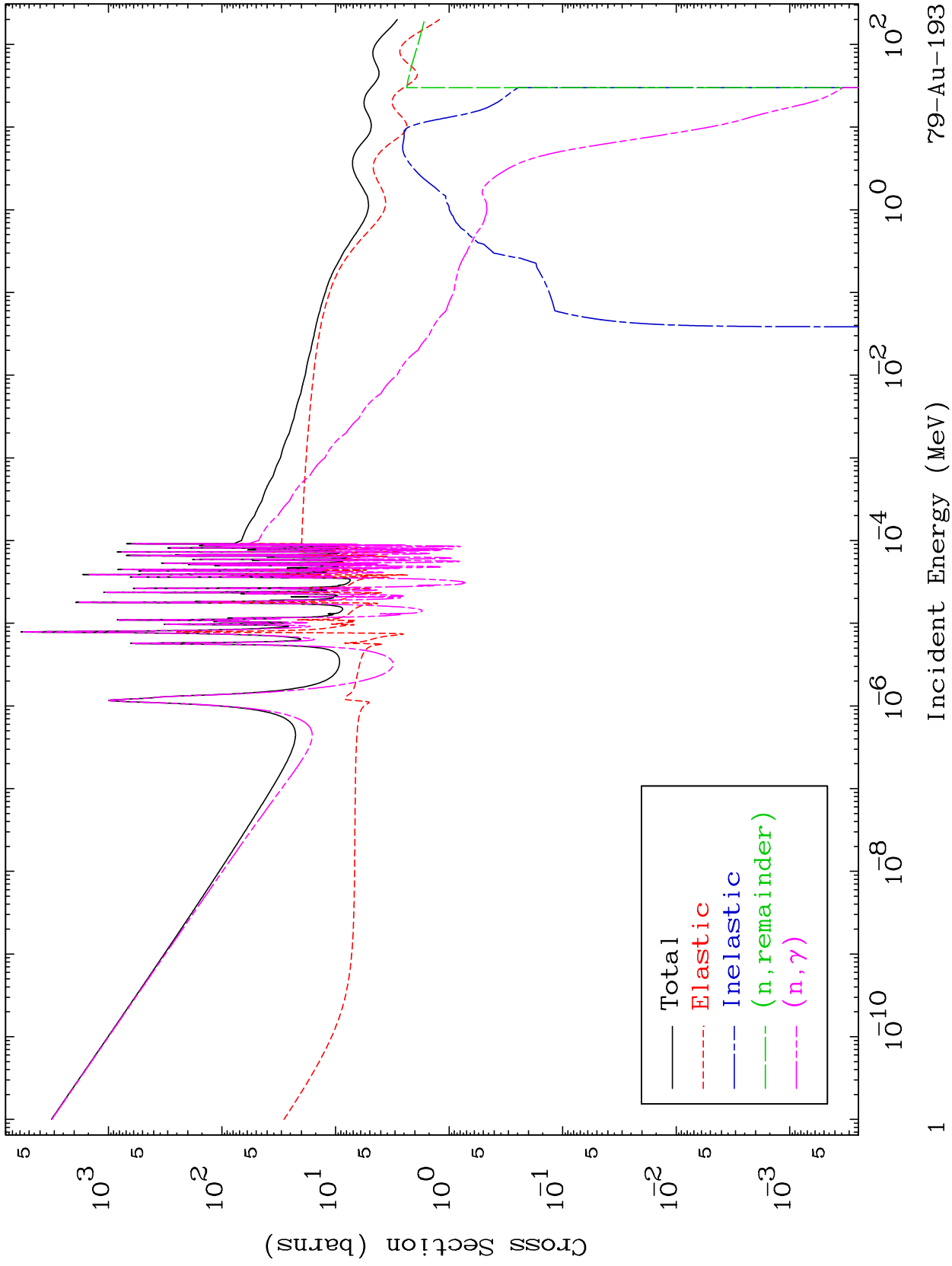
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7913

Major
293 Kelvin Cross Sections

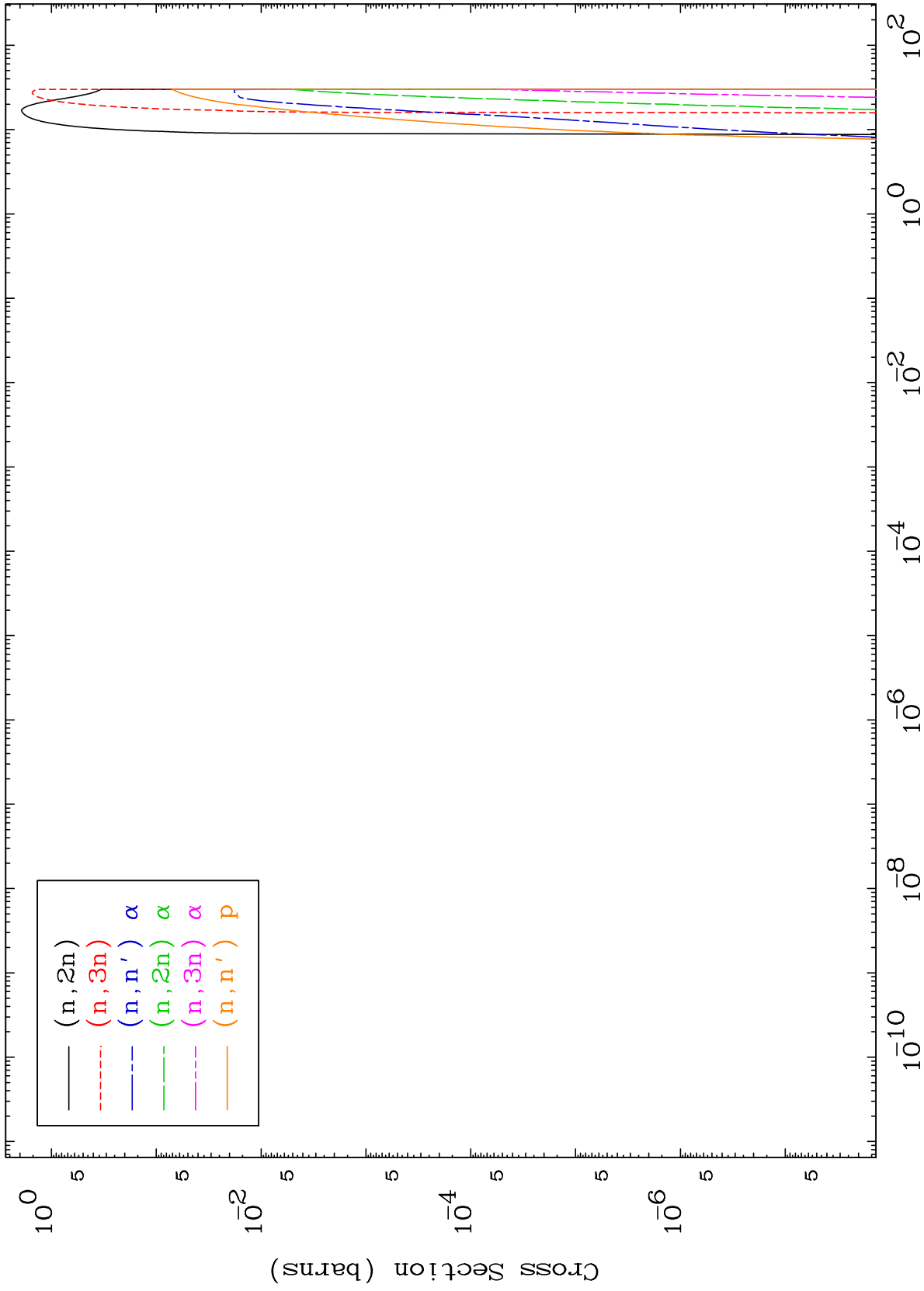
79-Au-193



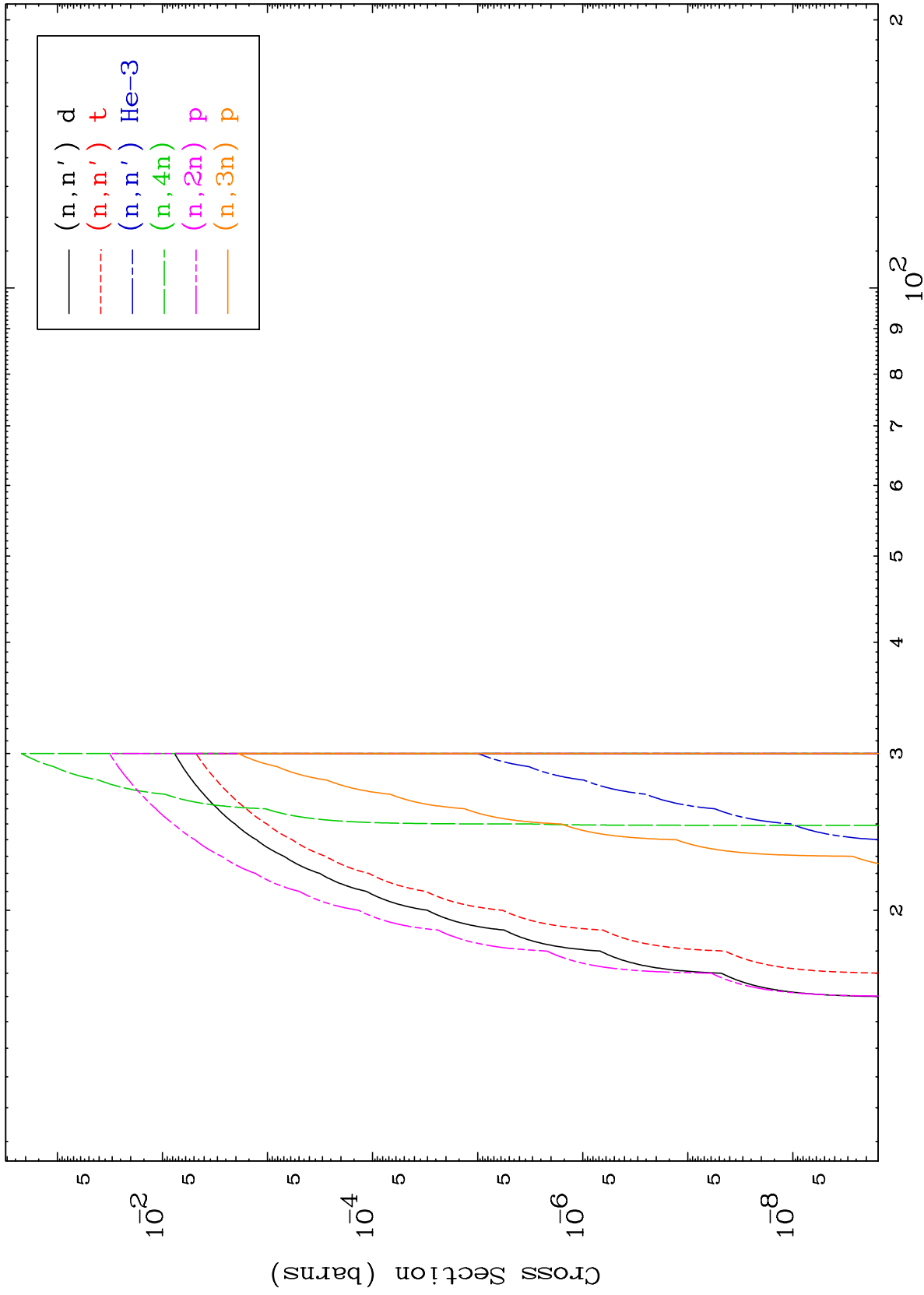
MAT 7913

Neutron Production
293 Kelvin Cross Sections

79-Au-193



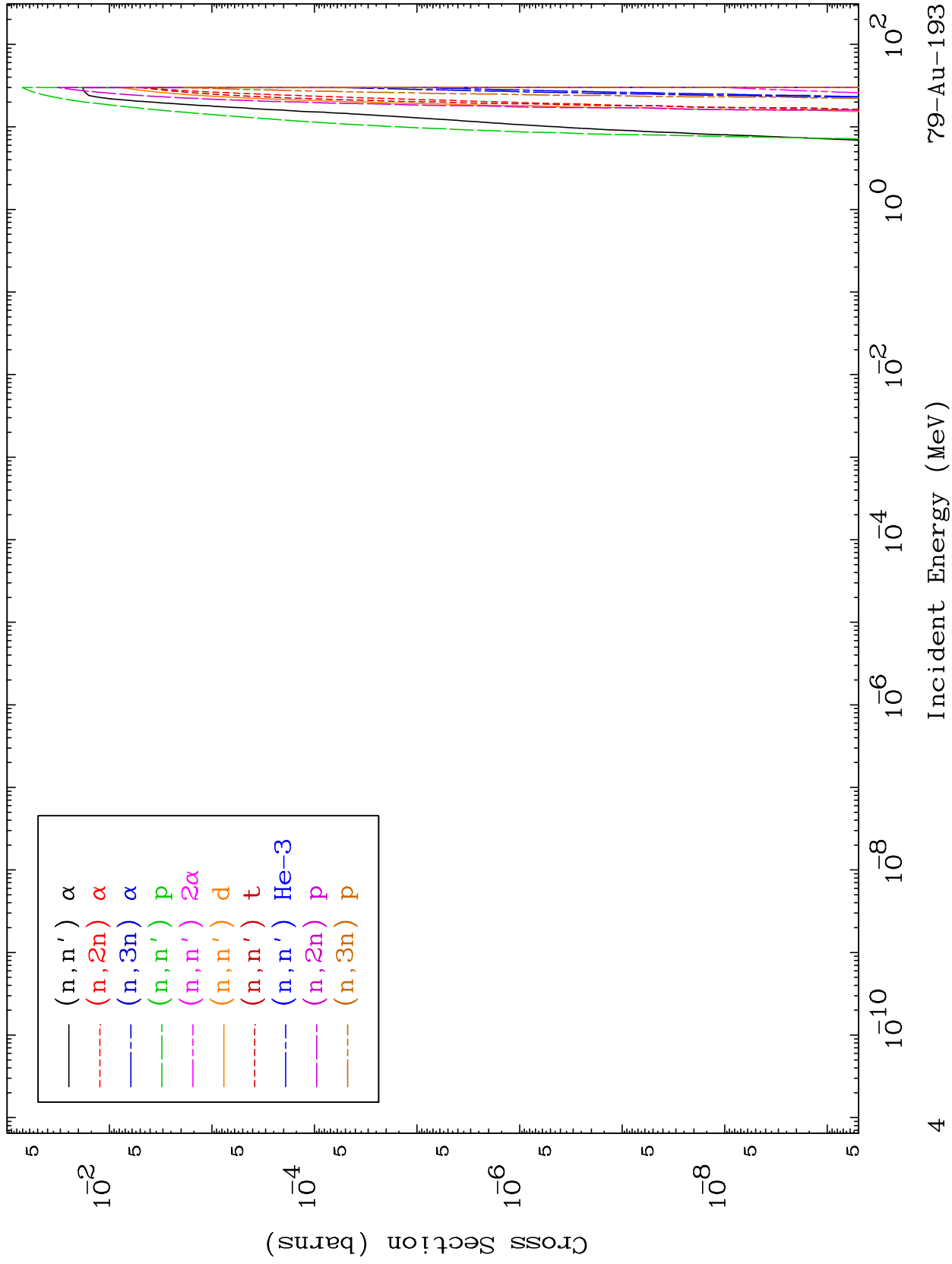
79-Au-193

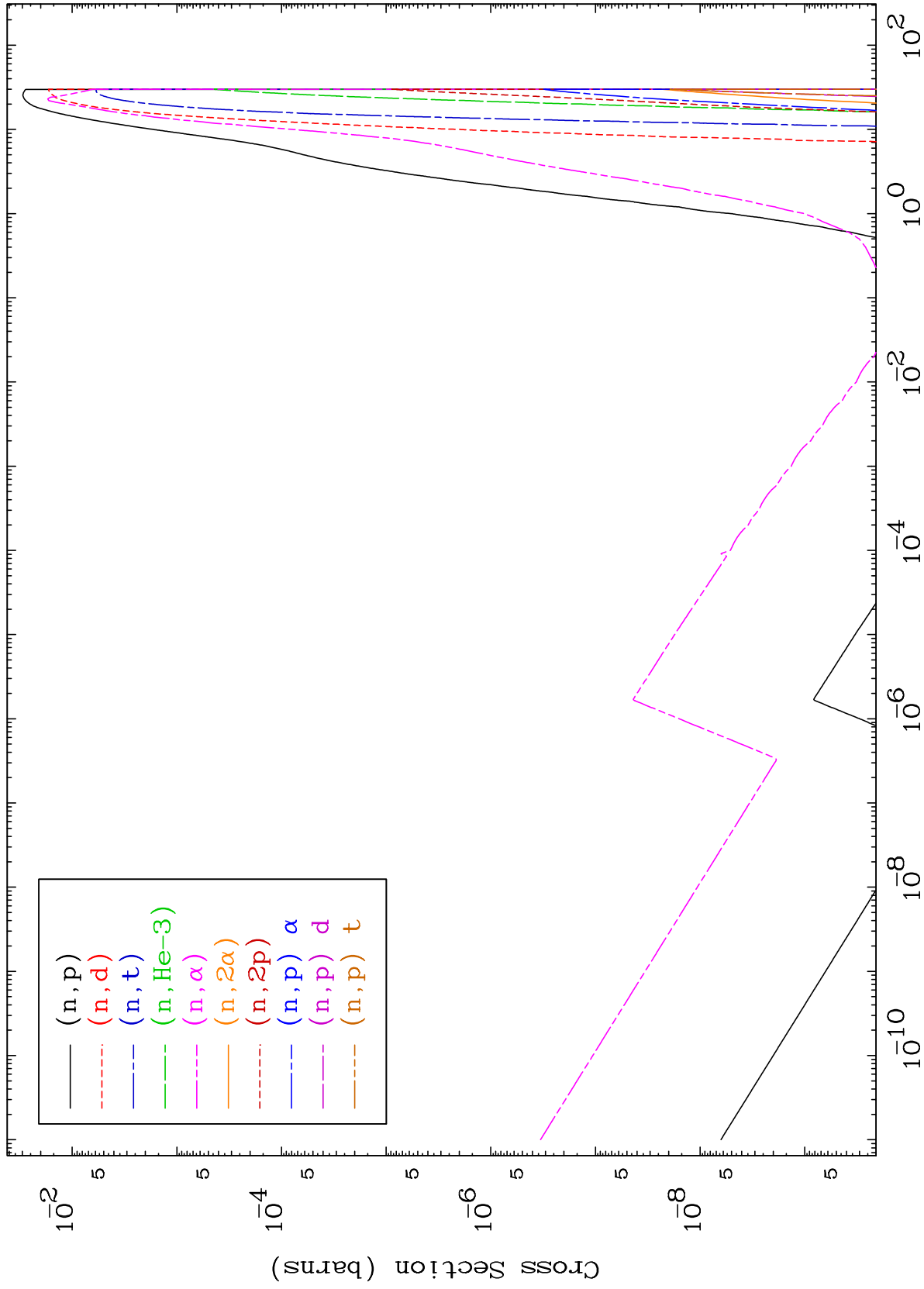


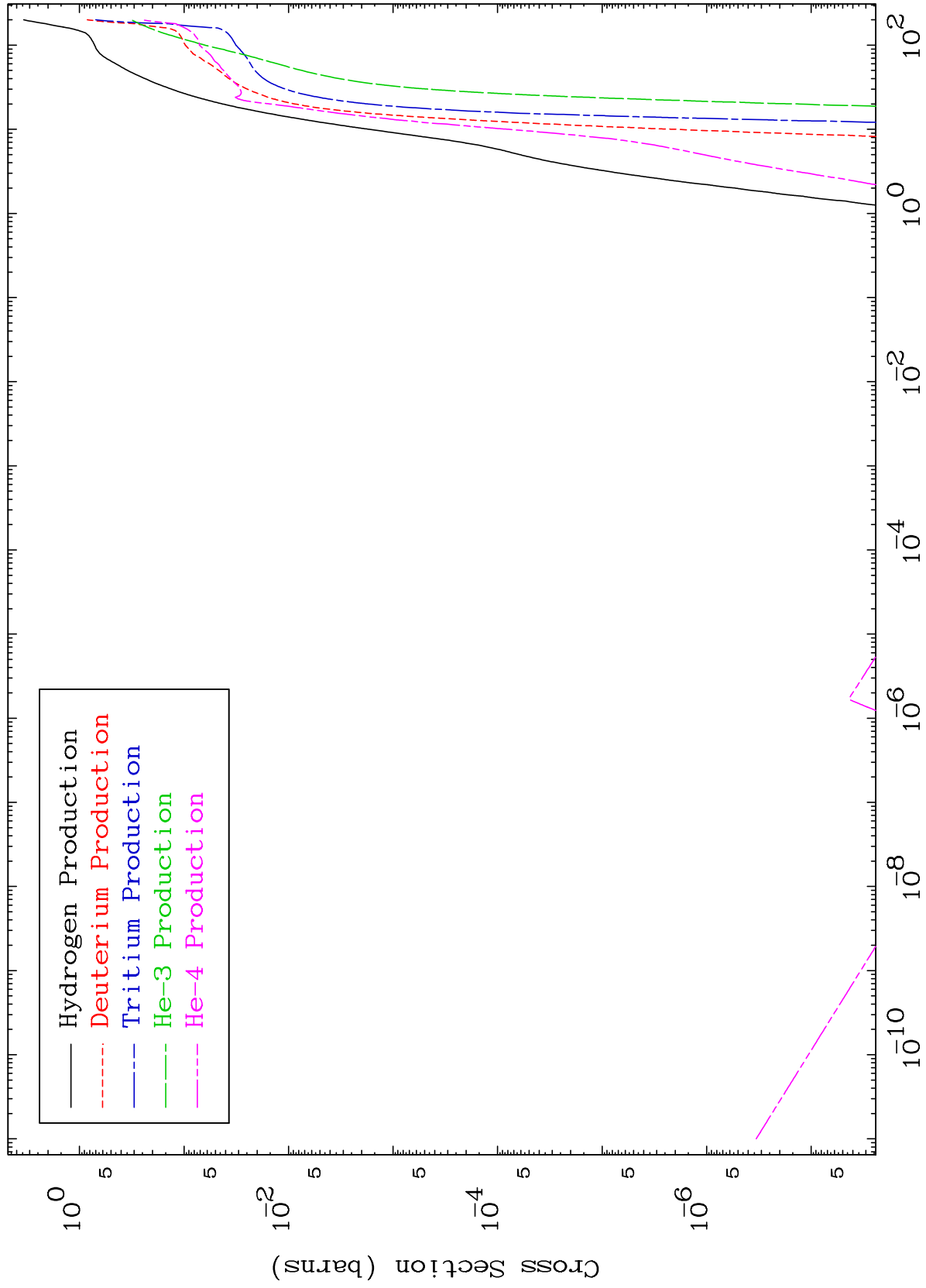
MAT 7913

Charged Particle
293 Kelvin Cross Sections

79-Au-193



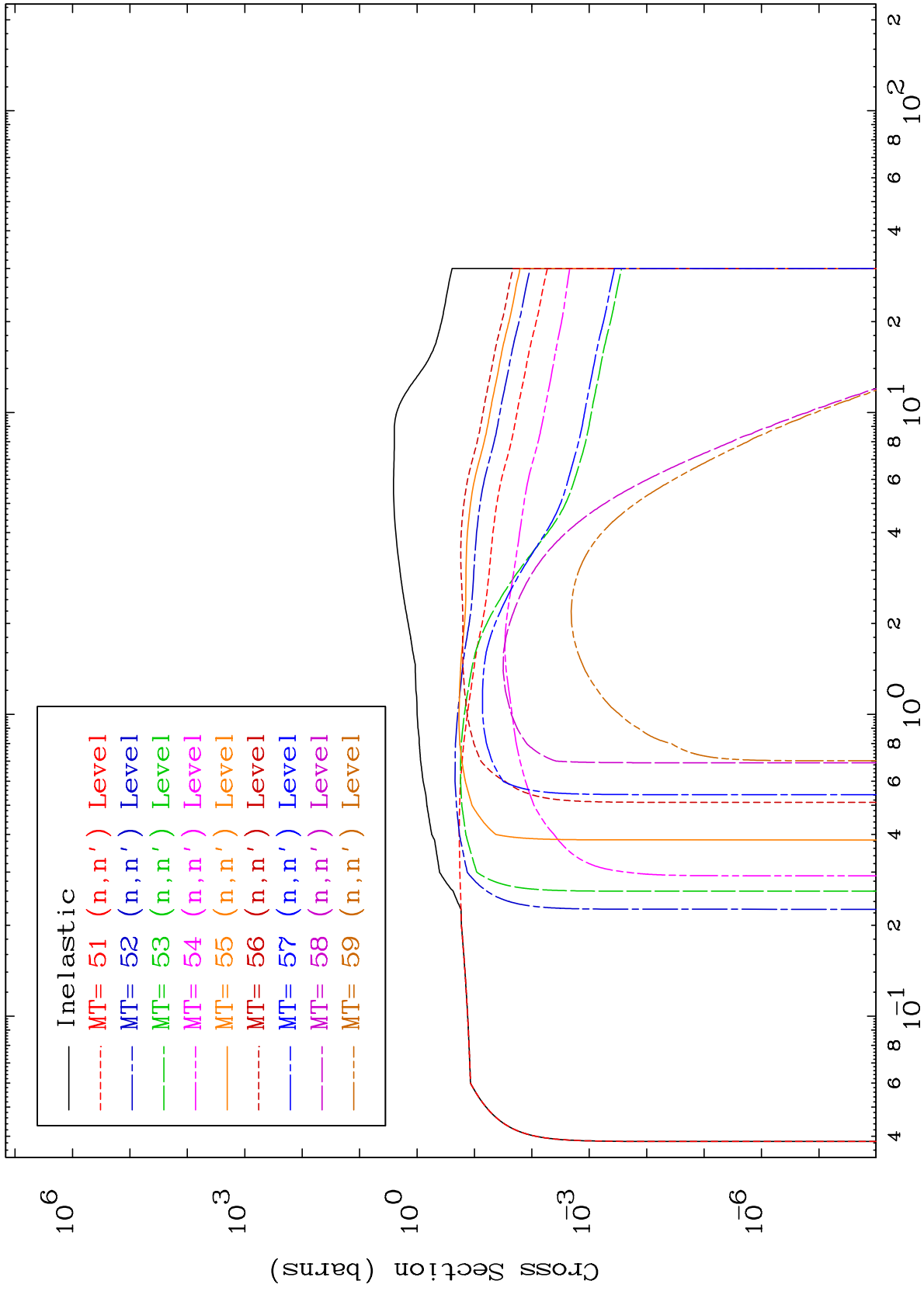




MAT 7913

(n,n') Level
293 Kelvin Cross Sections

79-Au-193



7

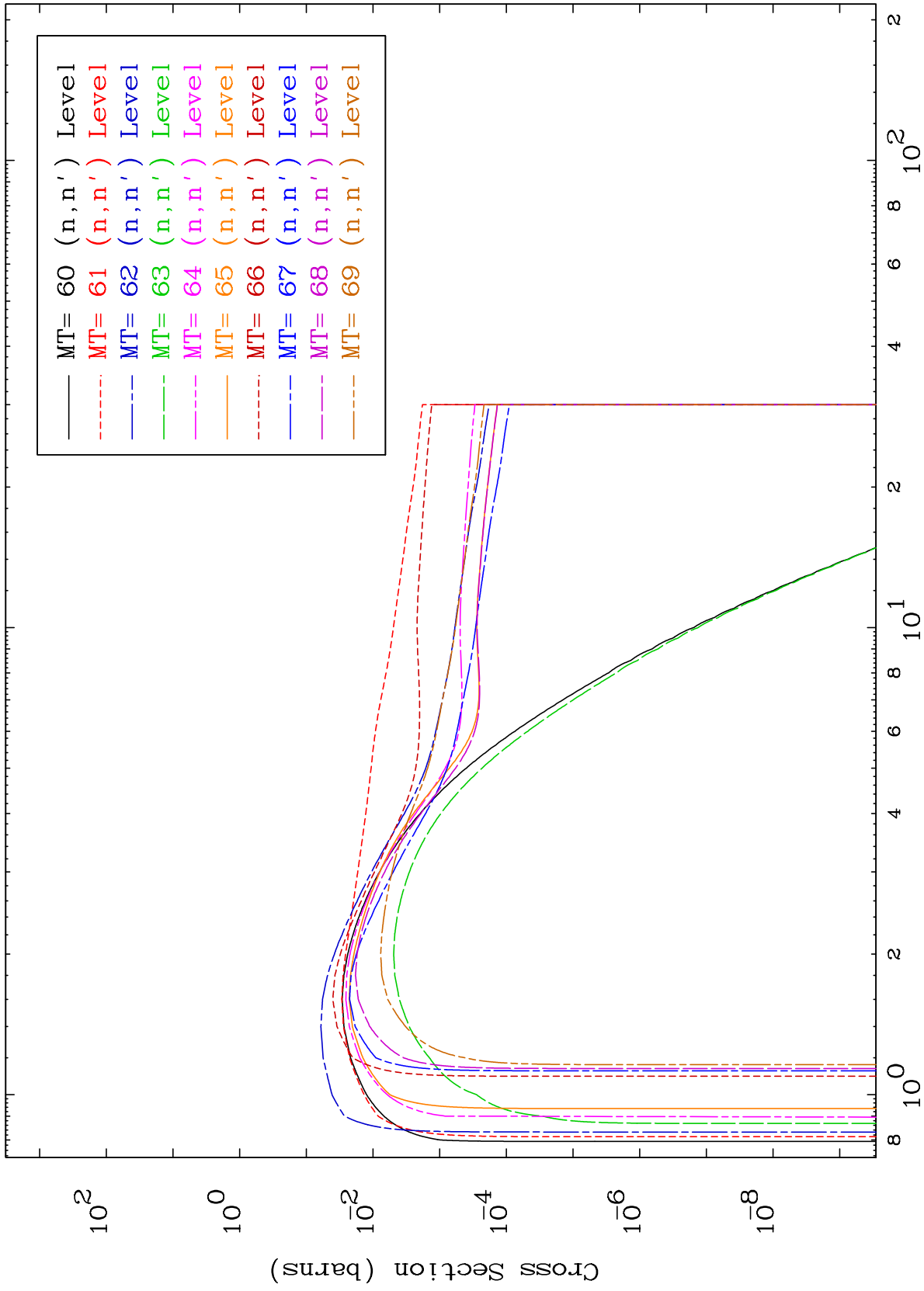
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,n') Level
293 Kelvin Cross Sections

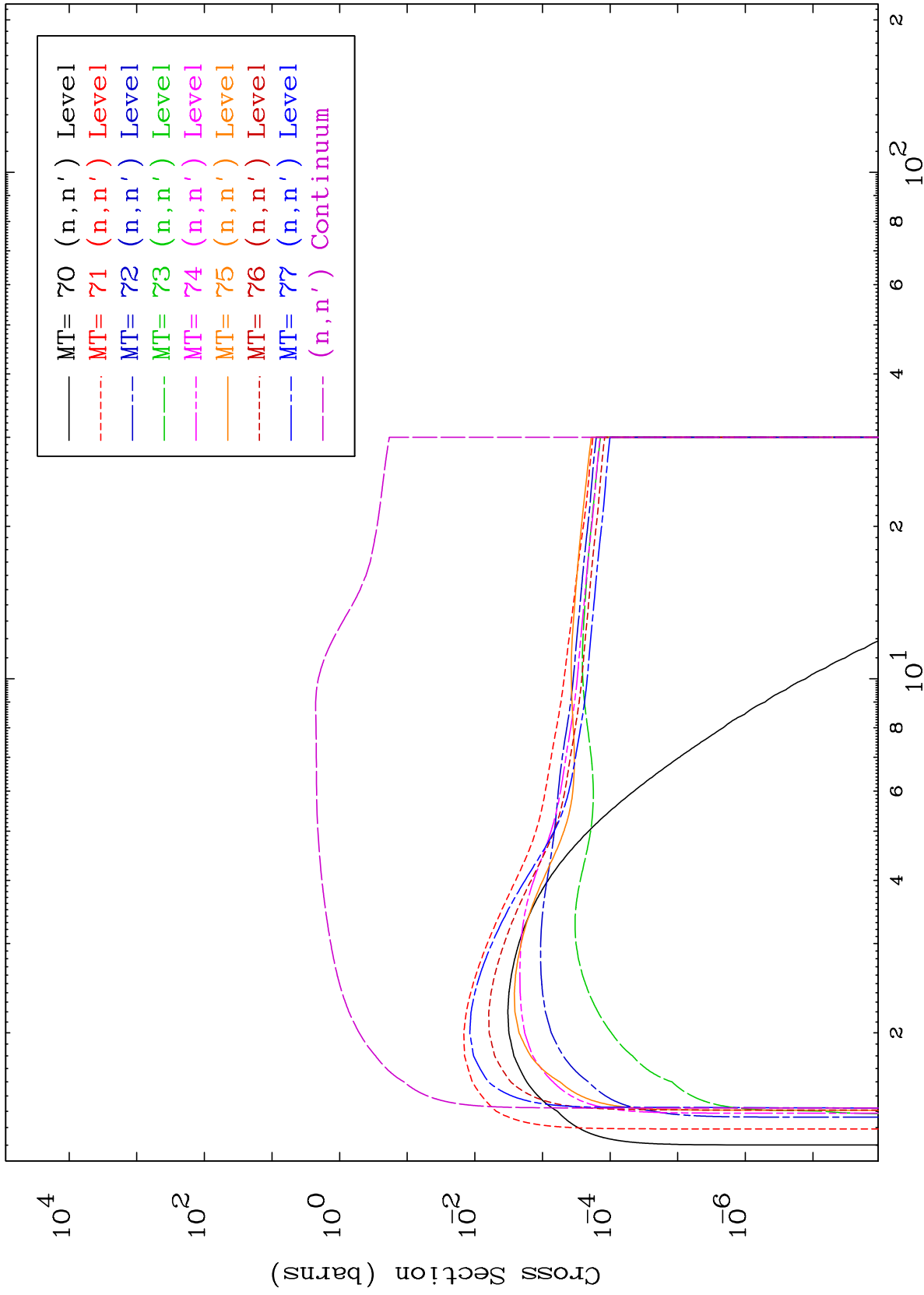
79-Au-193



8

Incident Energy (MeV)

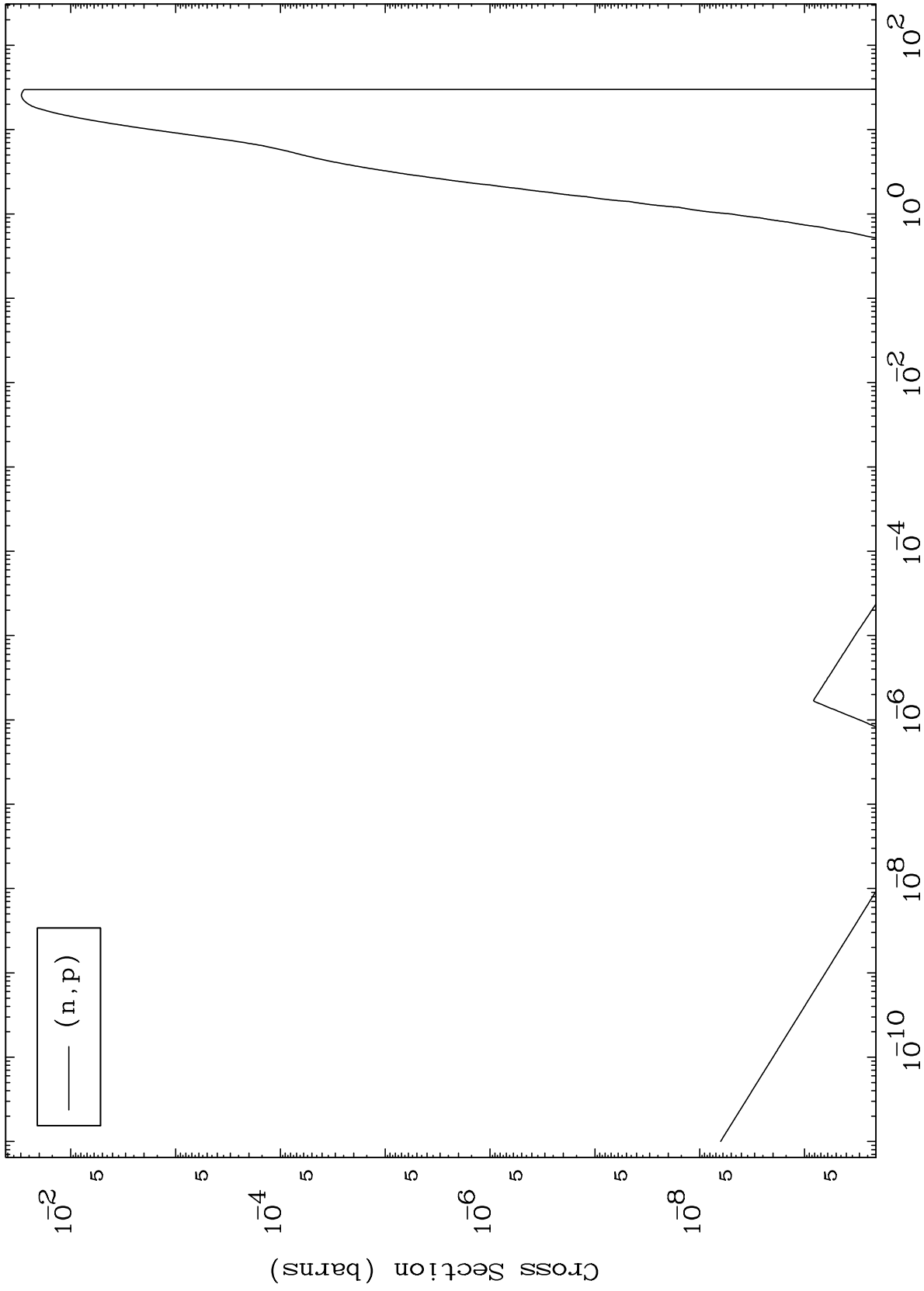
79-Au-193



MAT 7913

(n,p) Levels
293 Kelvin Cross Sections

79-Au-193



10

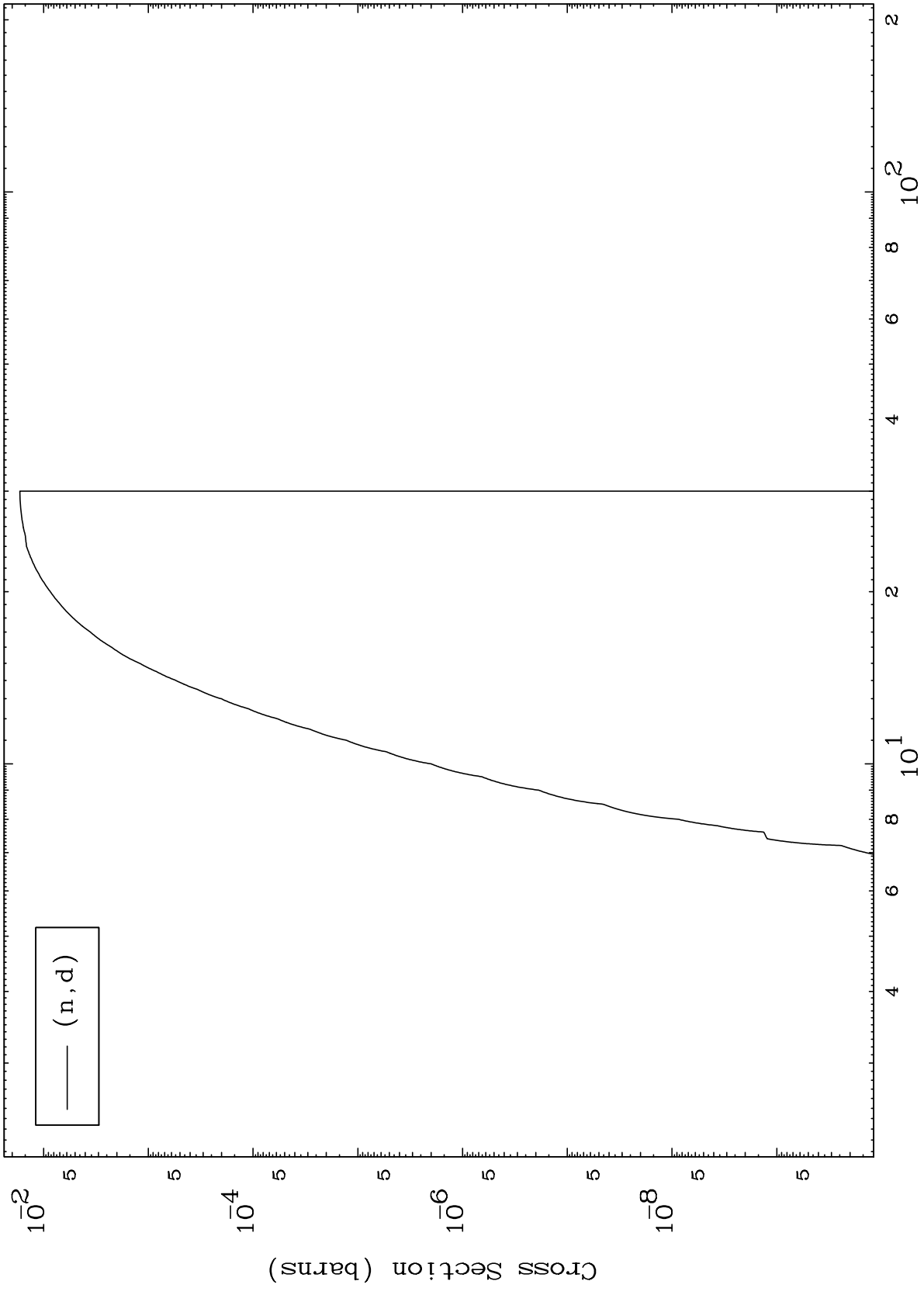
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,d) Levels
293 Kelvin Cross Sections

79-Au-193

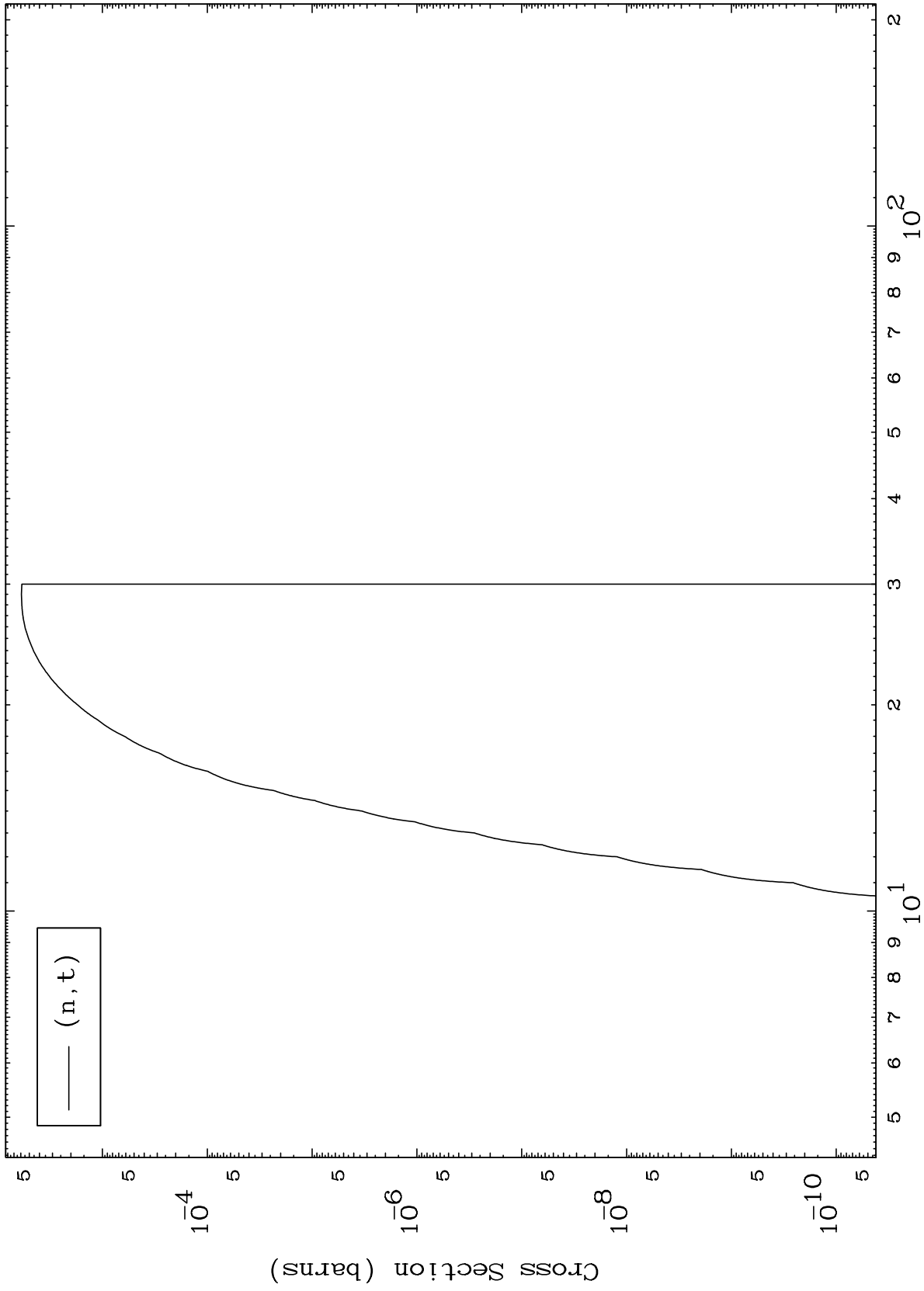


79-Au-193

MAT 7913

(n,t) Levels
293 Kelvin Cross Sections

79-Au-193



12

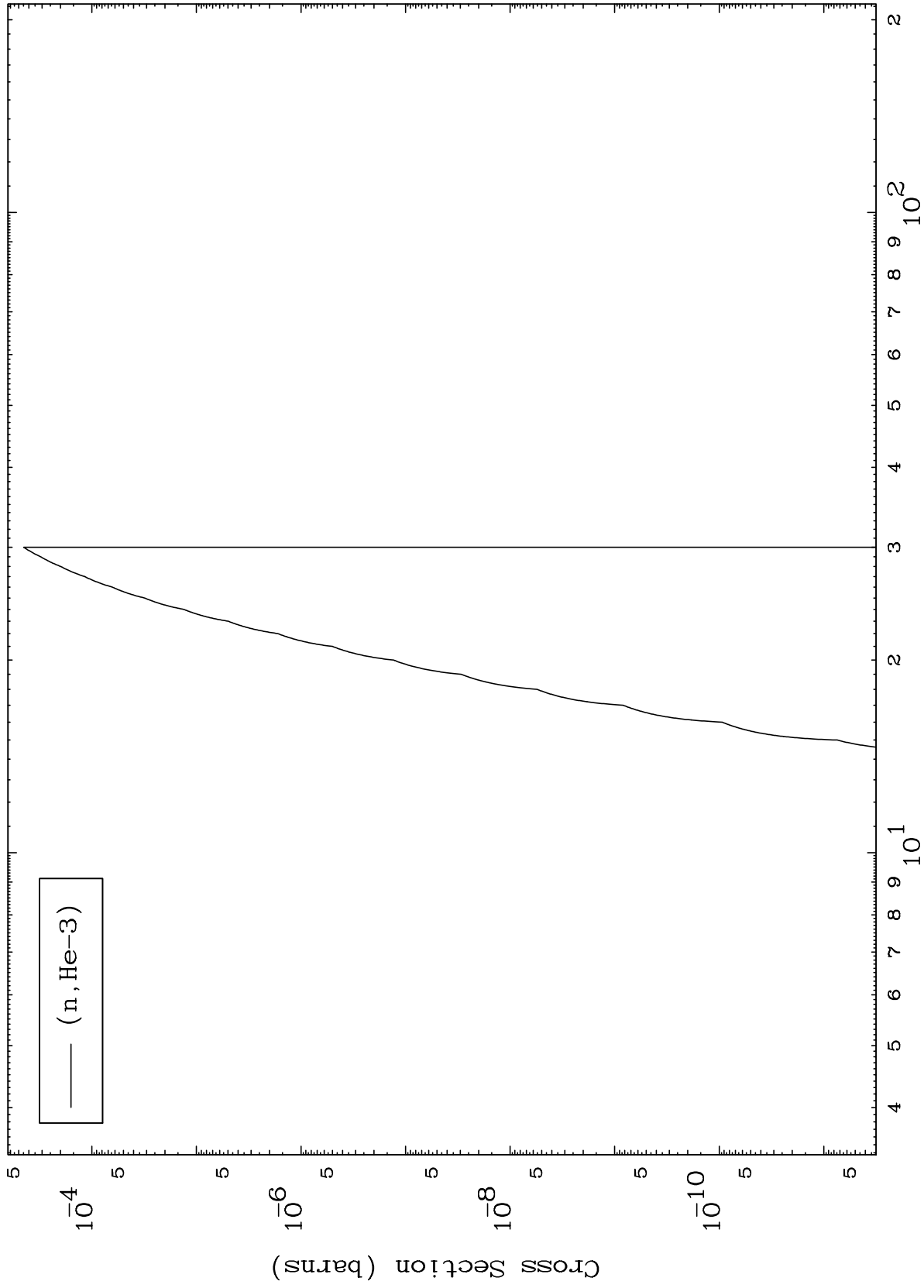
Incident Energy (MeV)

79-Au-193

MAT 7913

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-193



13

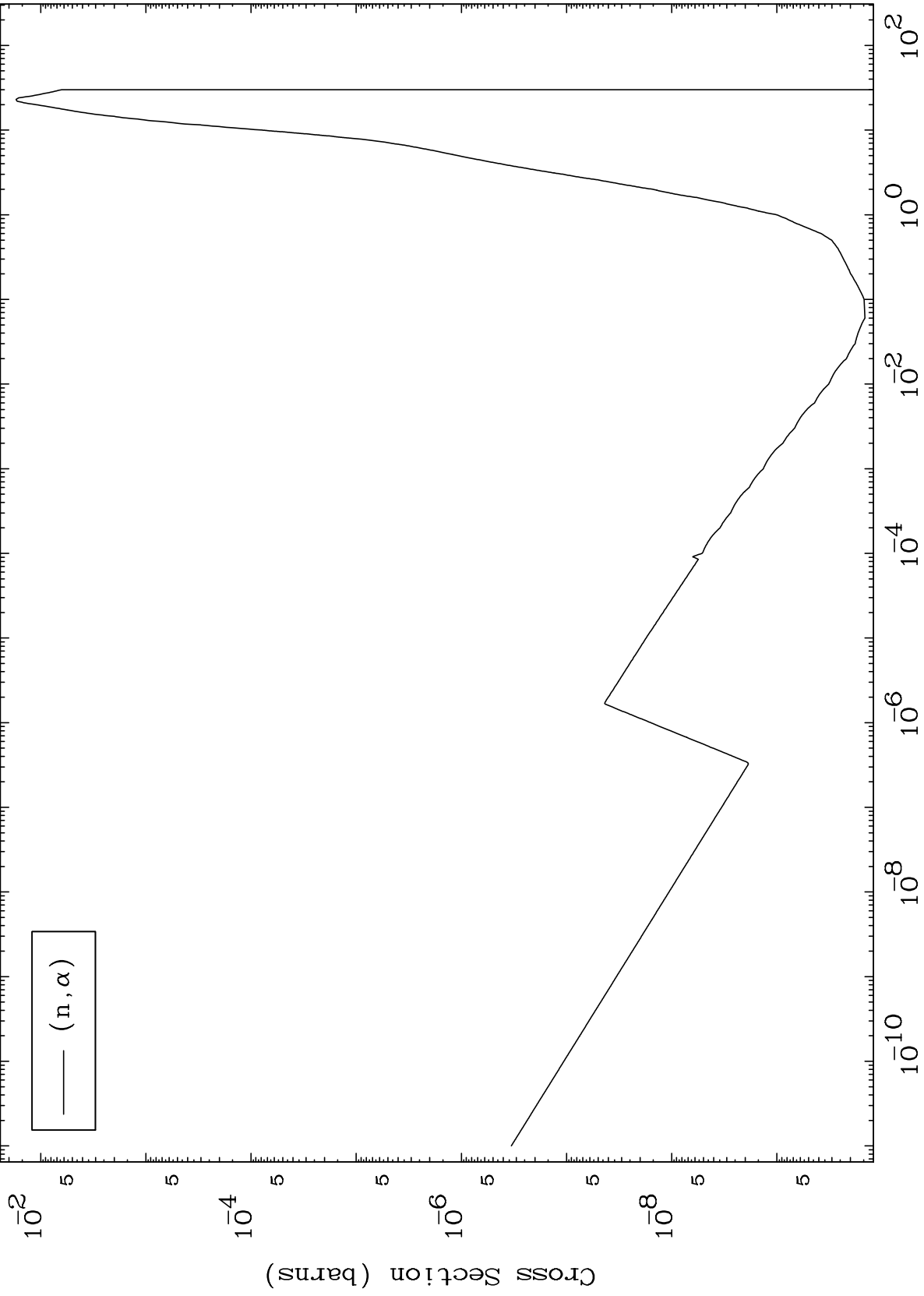
Incident Energy (MeV)

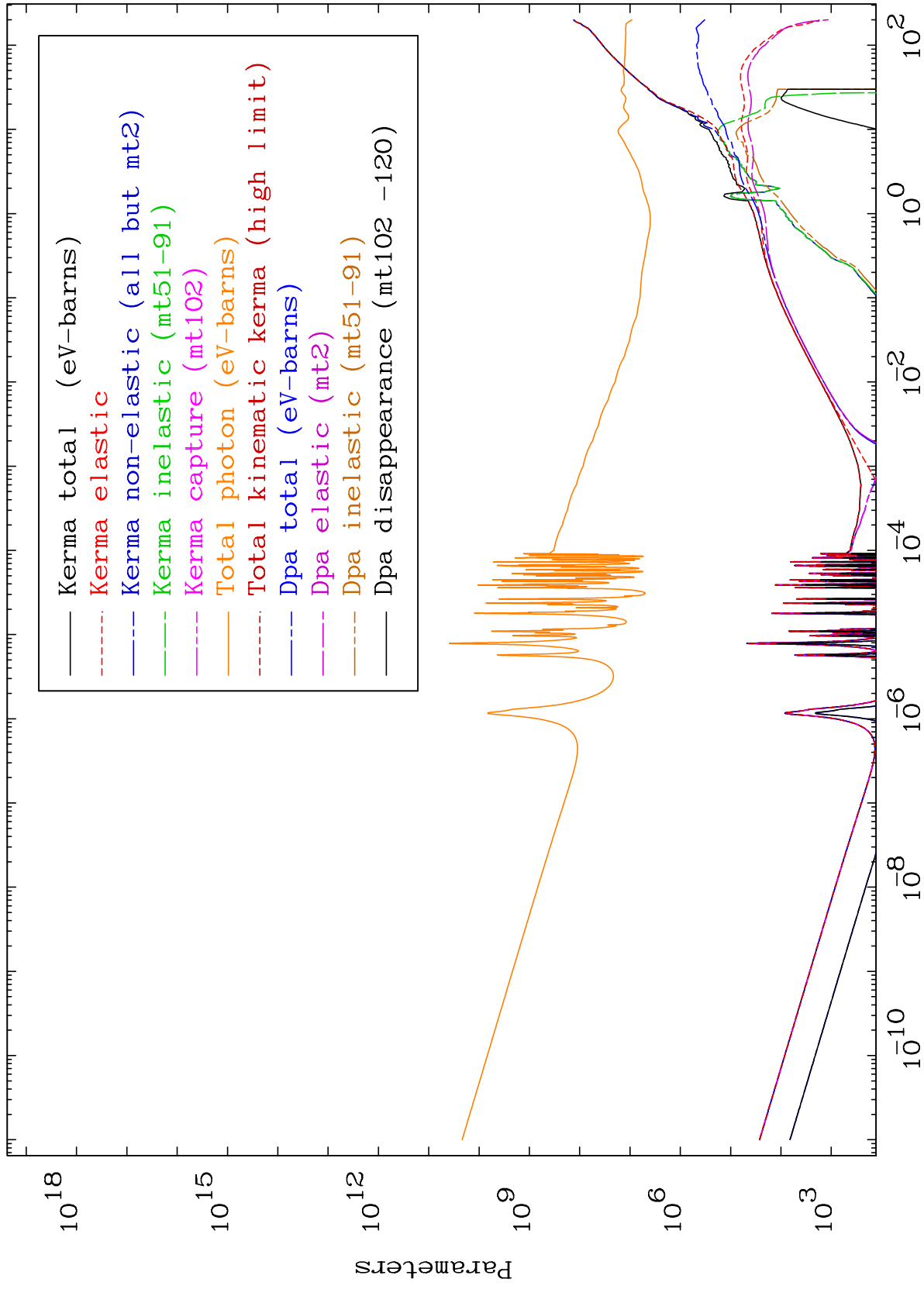
79-Au-193

MAT 7913

(n,α) Levels
293 Kelvin Cross Sections

79-Au-193

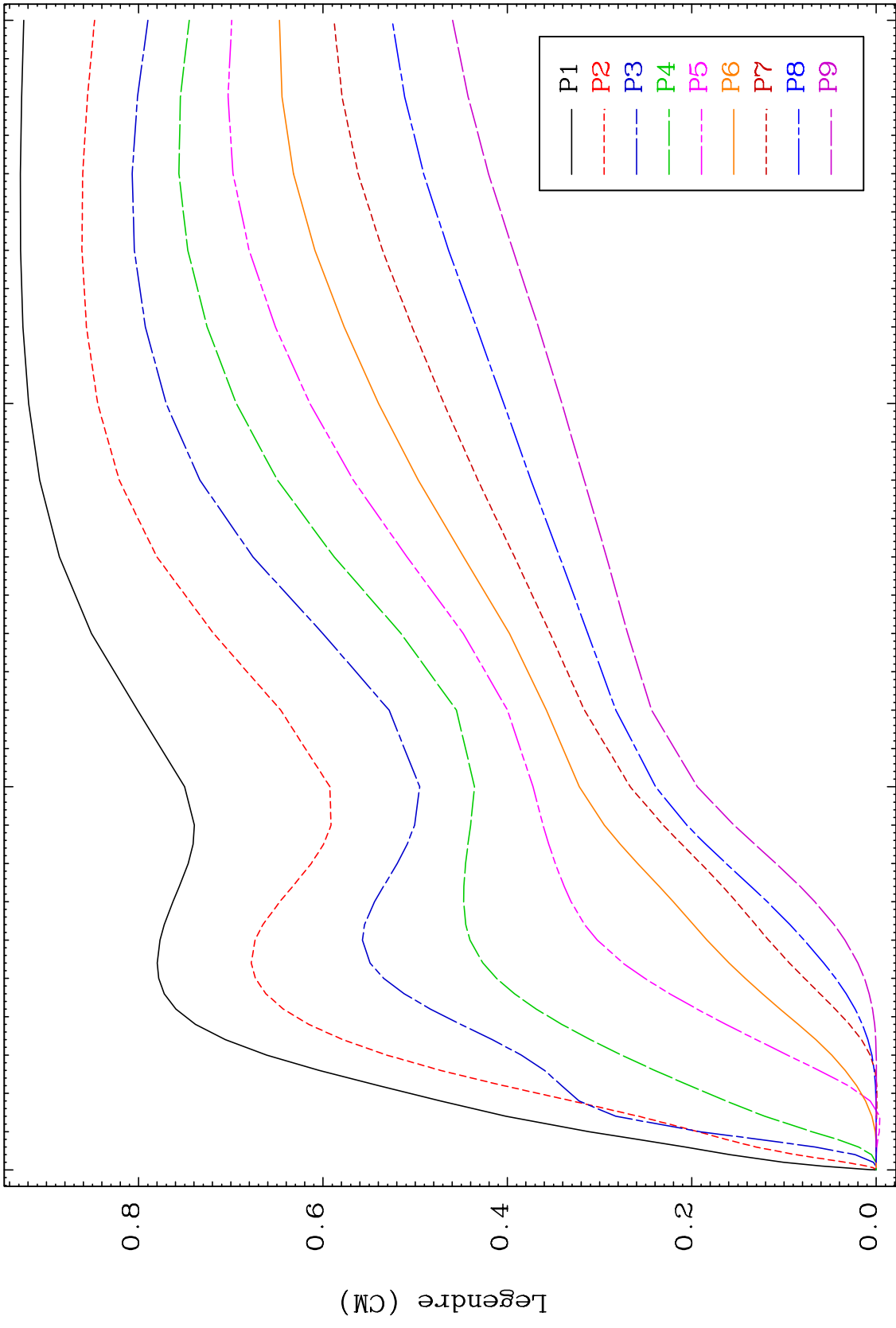




MAT 7913

Elastic Legendre Coefficients

⁷⁹Au-¹⁹³



0

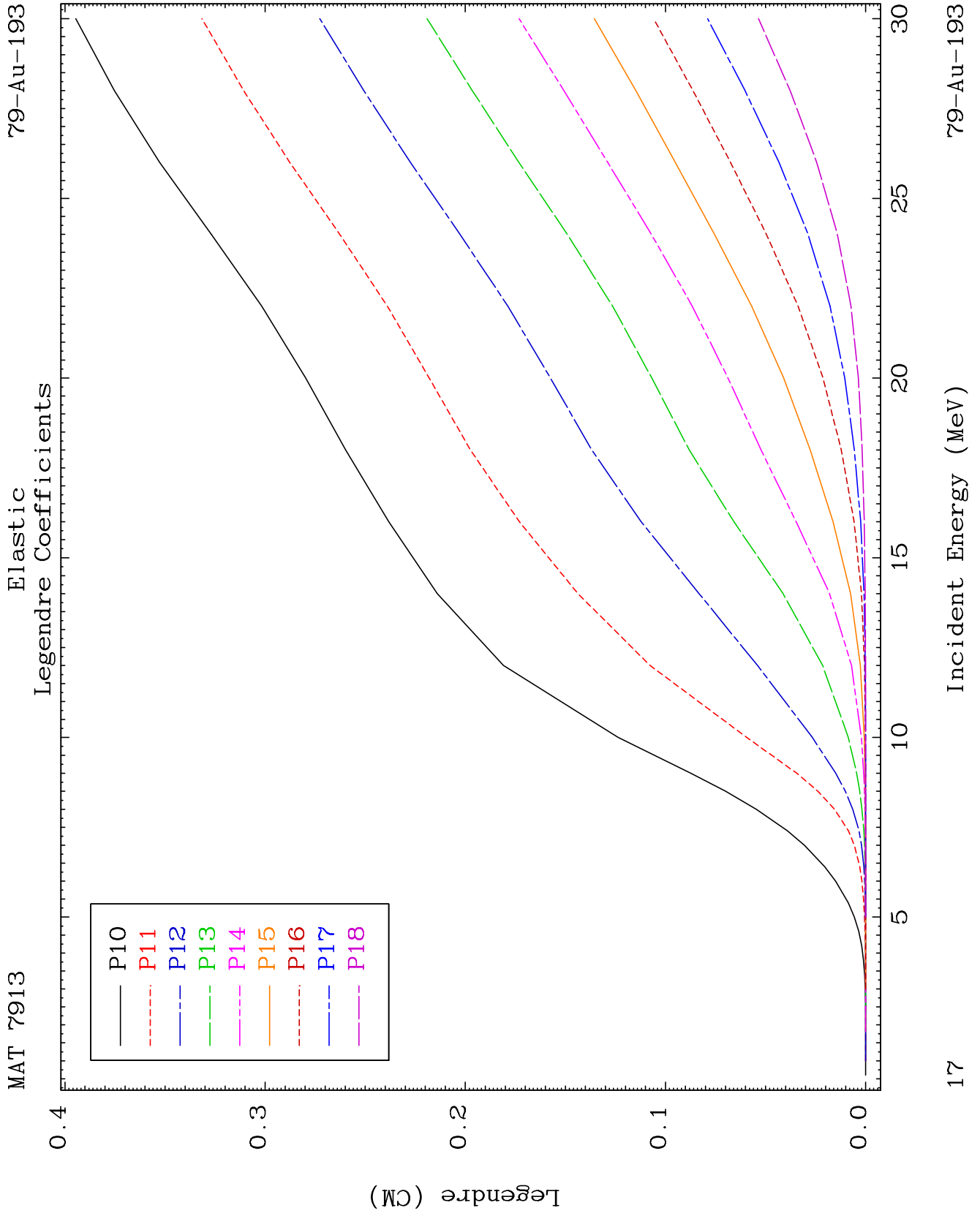
16

Incident Energy (MeV)

10

30

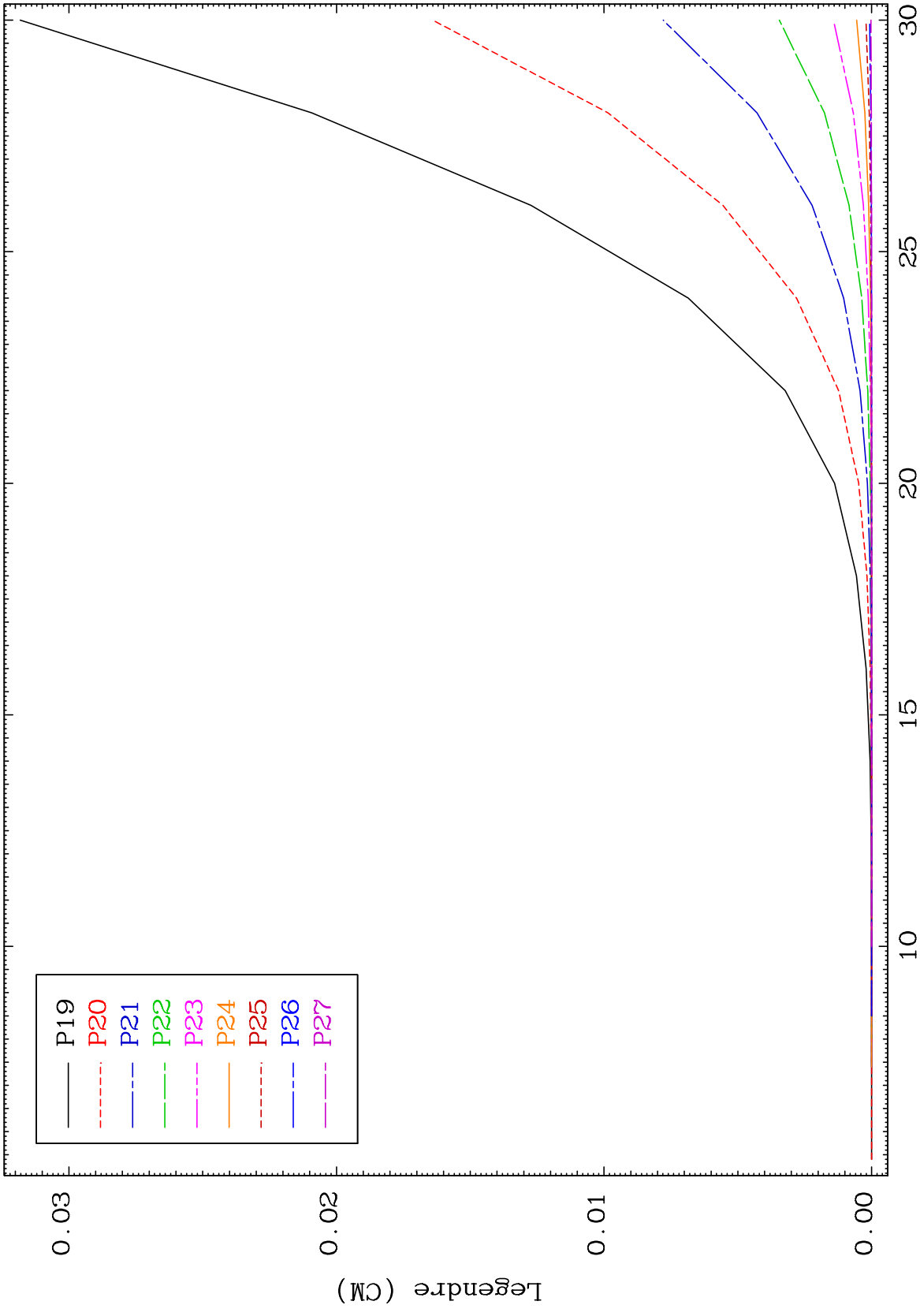
⁷⁹Au-¹⁹³



MAT 7913

Elastic Legendre Coefficients

79-Au-193



18

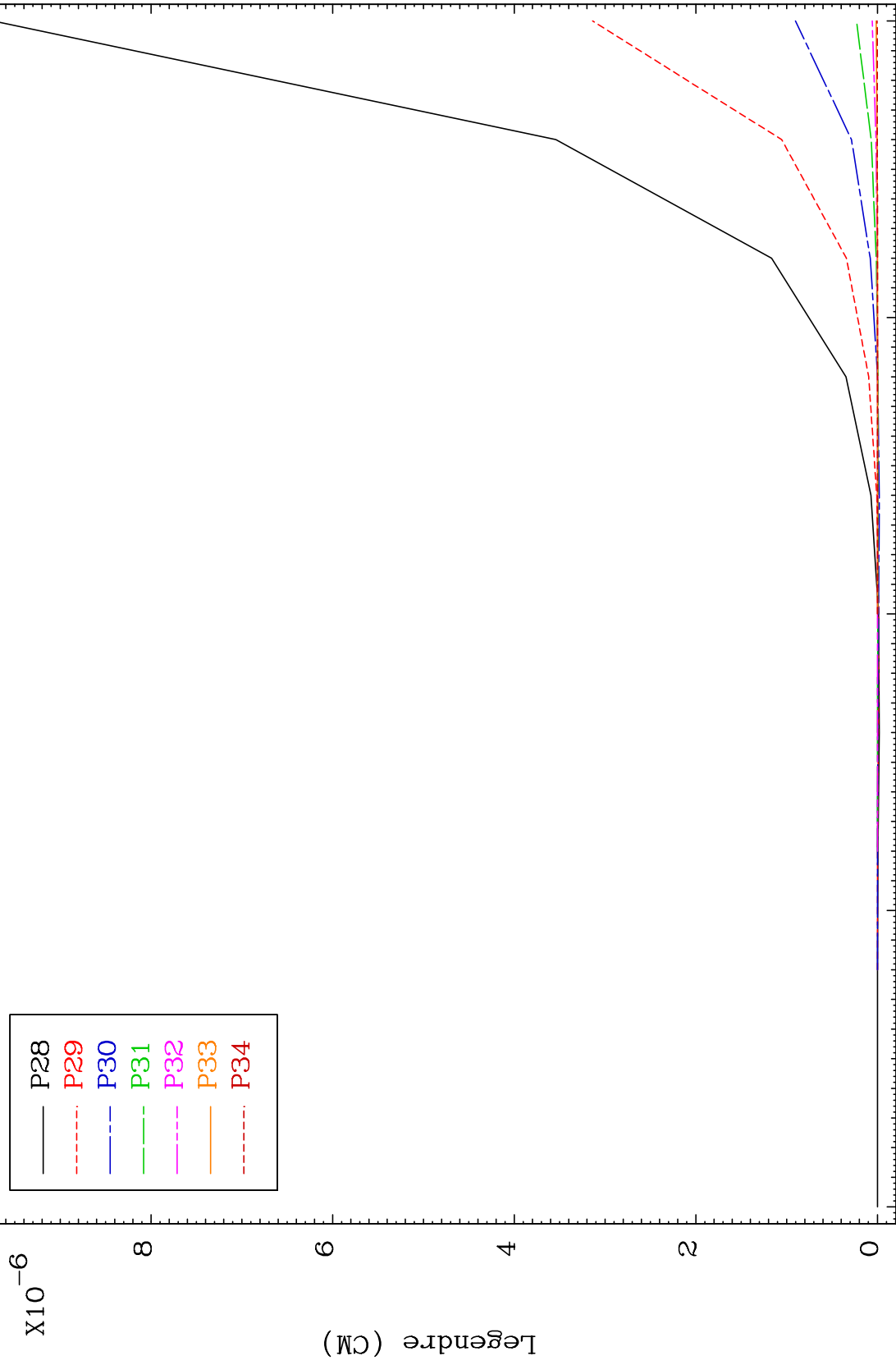
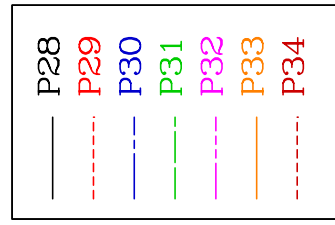
Incident Energy (MeV)

79-Au-193

MAT 7913

Elastic Legendre Coefficients

79-Au-193



19

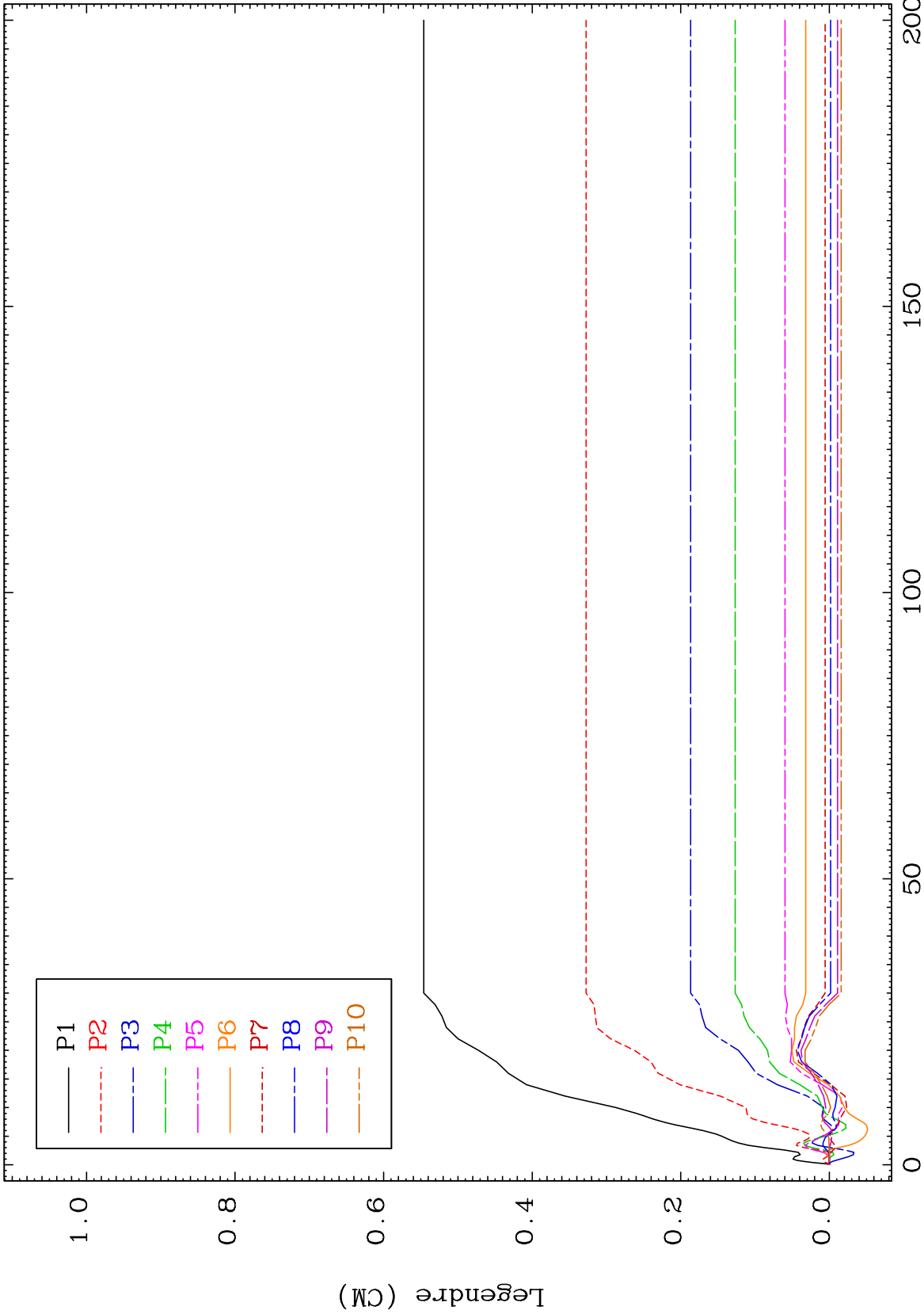
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



20

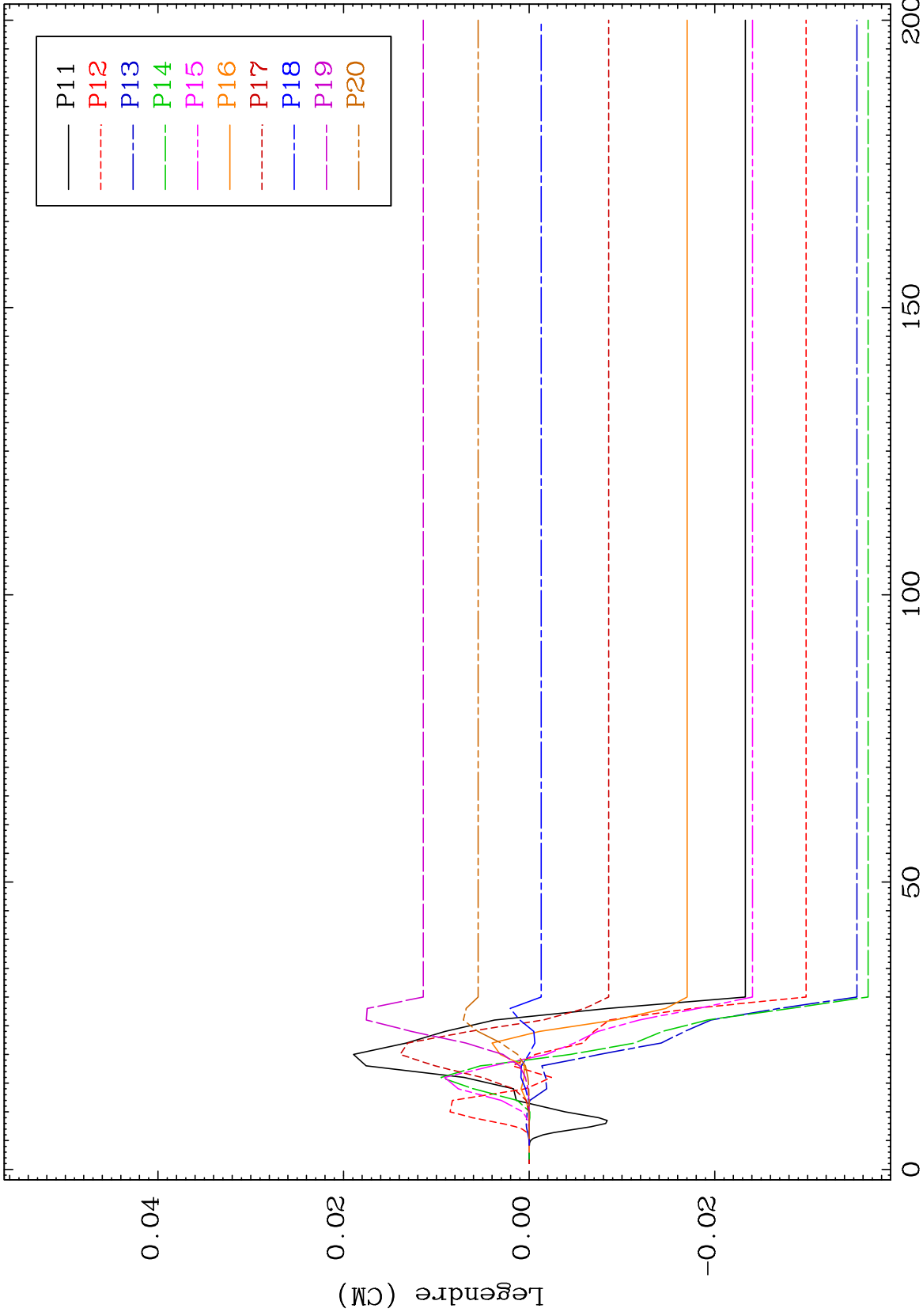
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



21

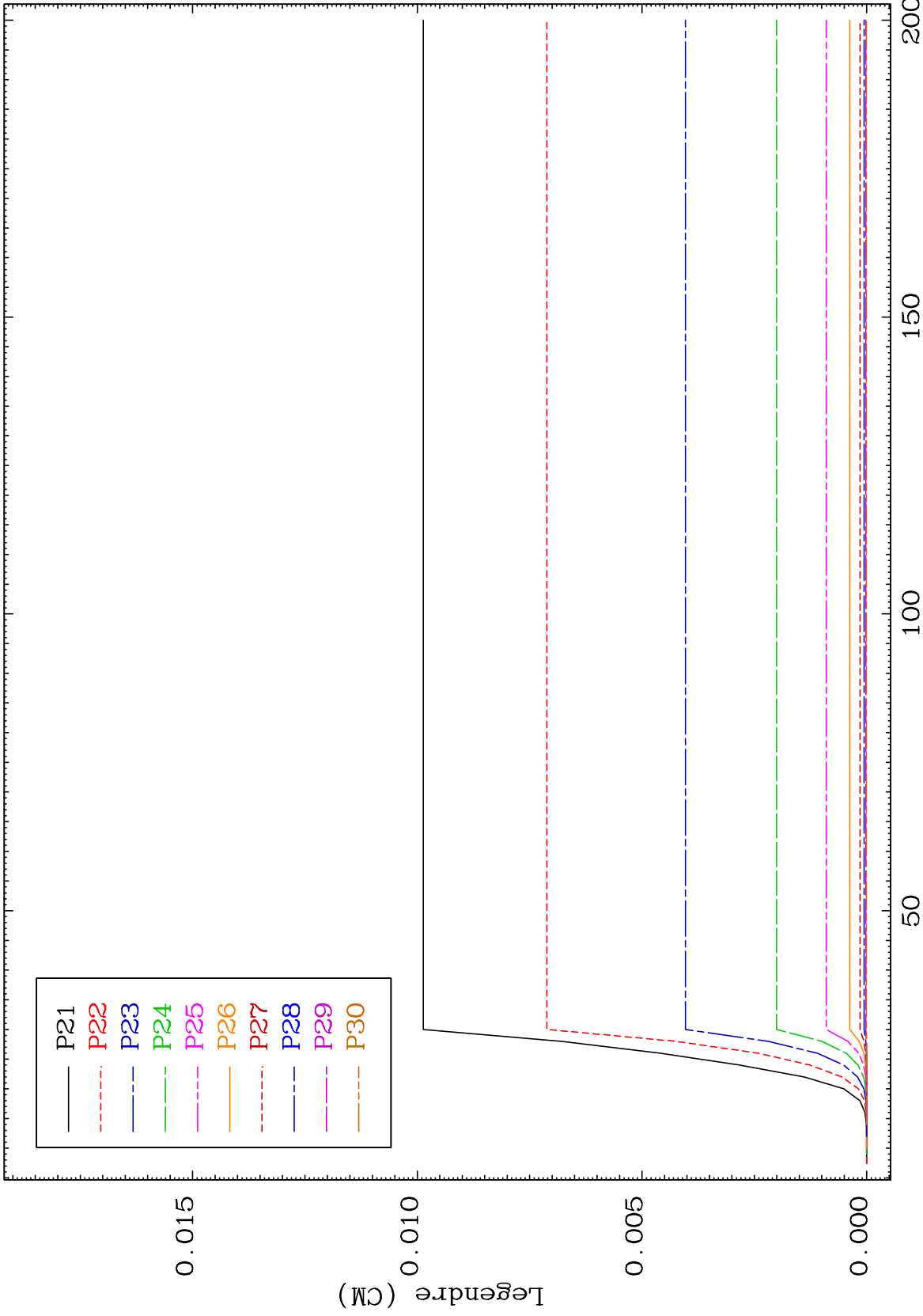
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



22

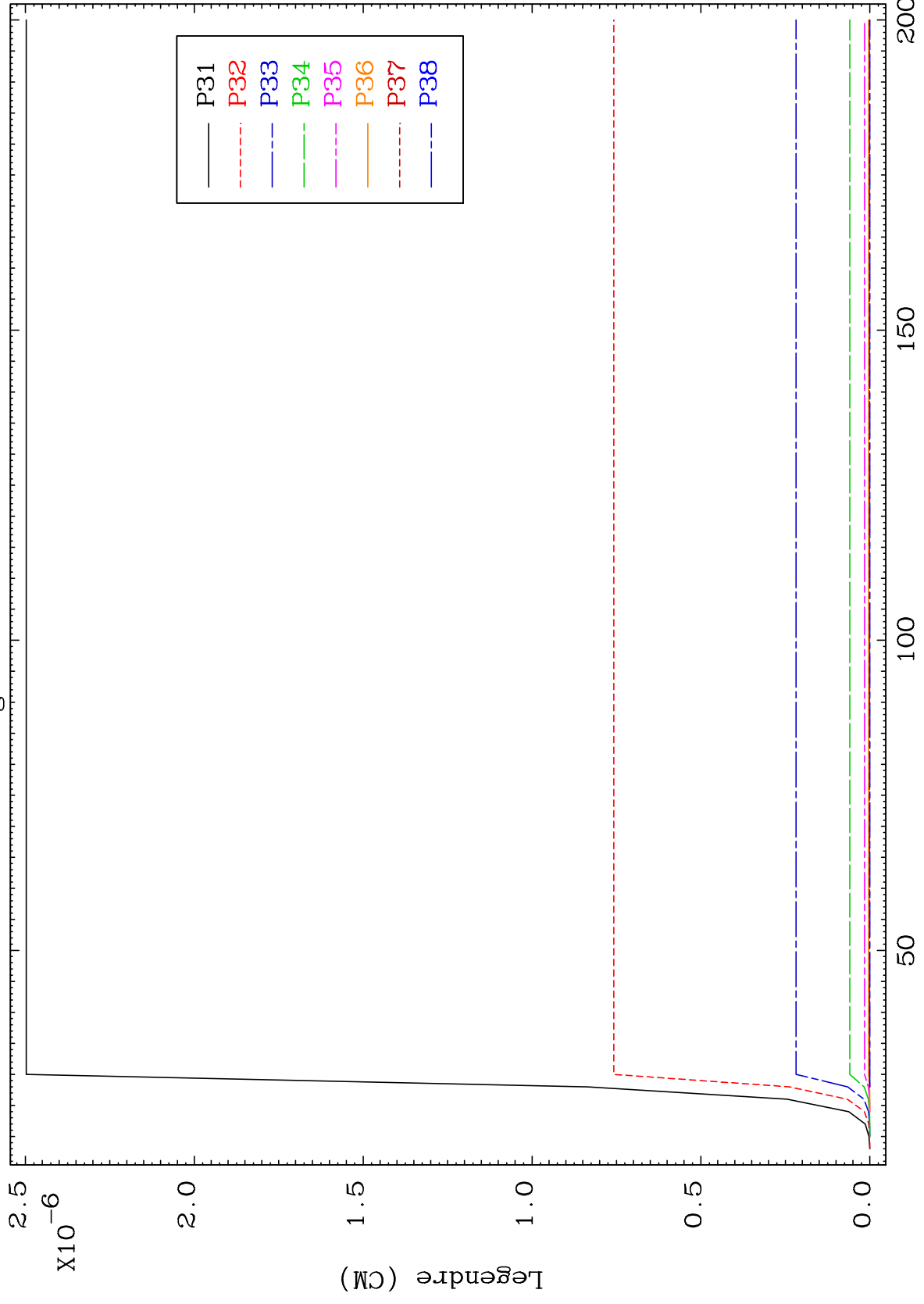
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



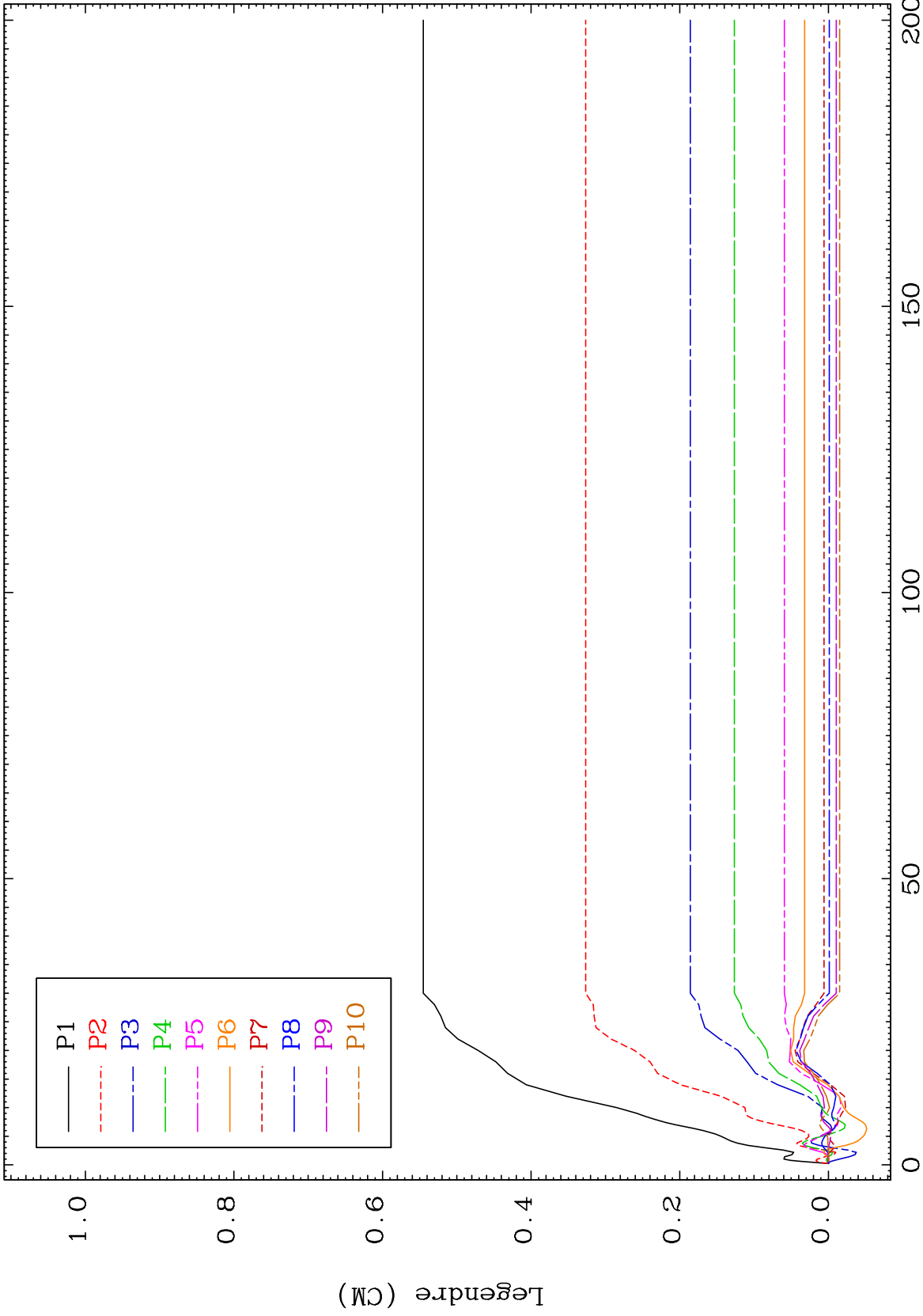
23

79-Au-193

MAT 7913

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

79-Au-193



24

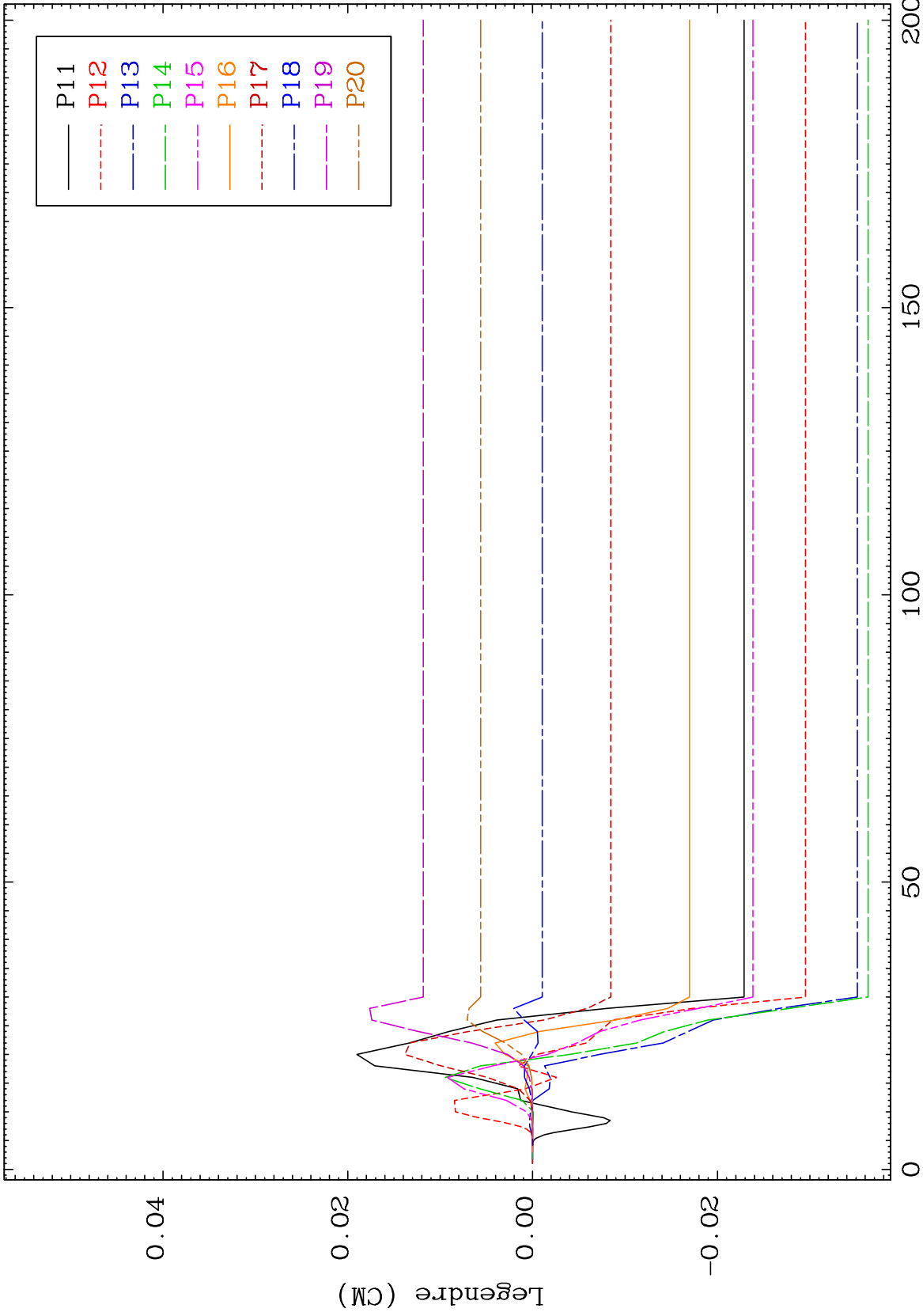
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



25

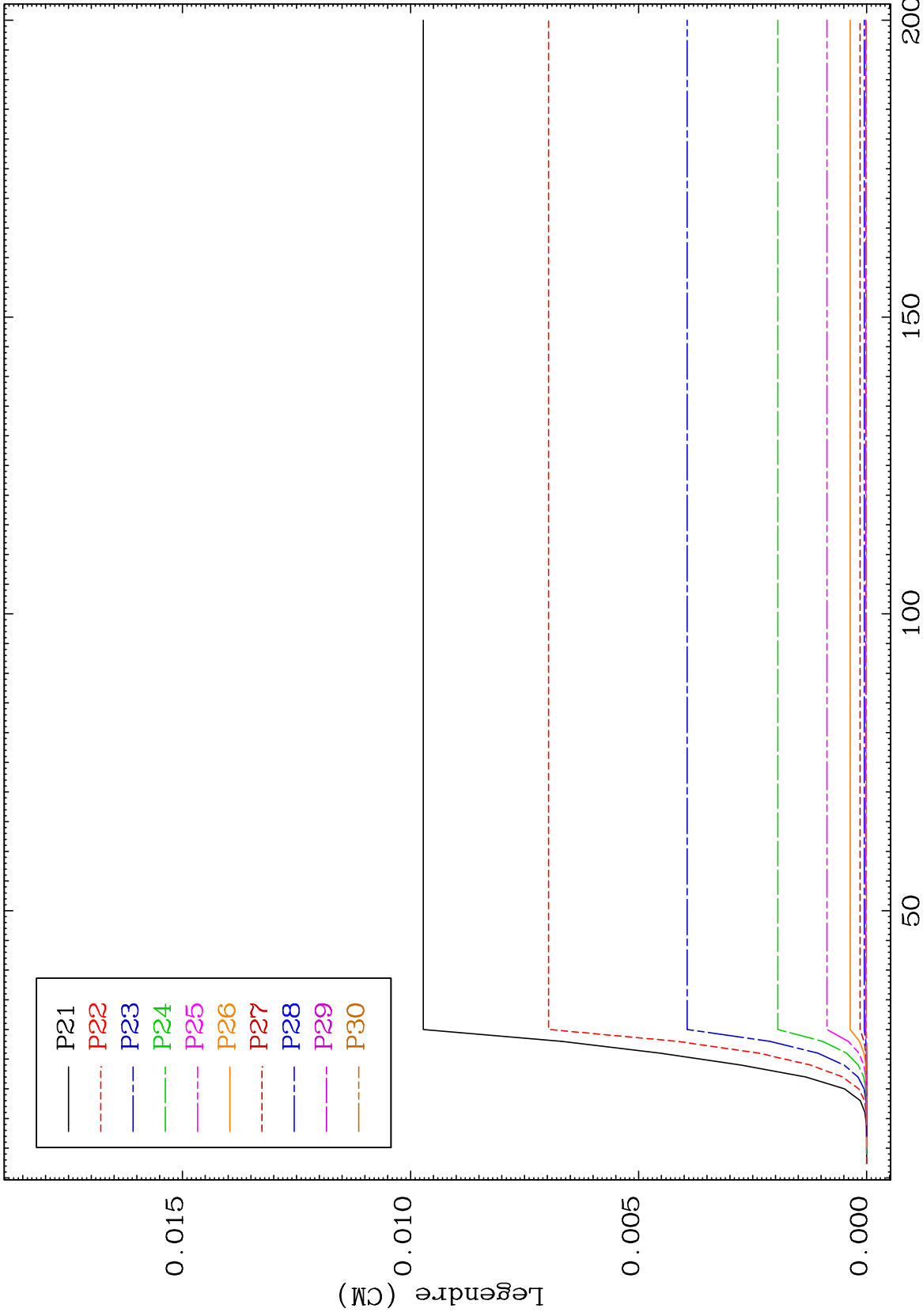
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



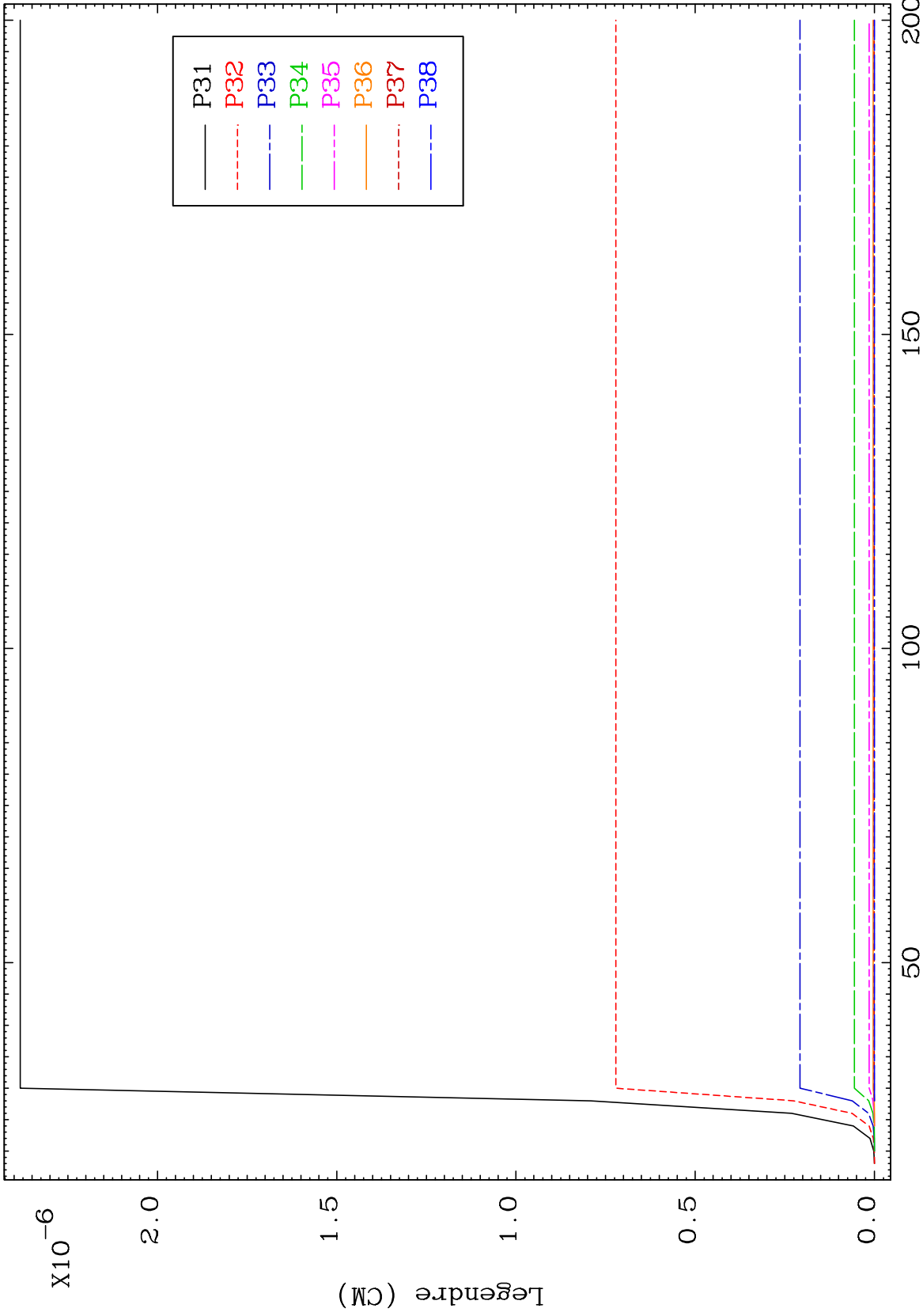
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79-Au-193

MAT 7913

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

79-Au-193



27

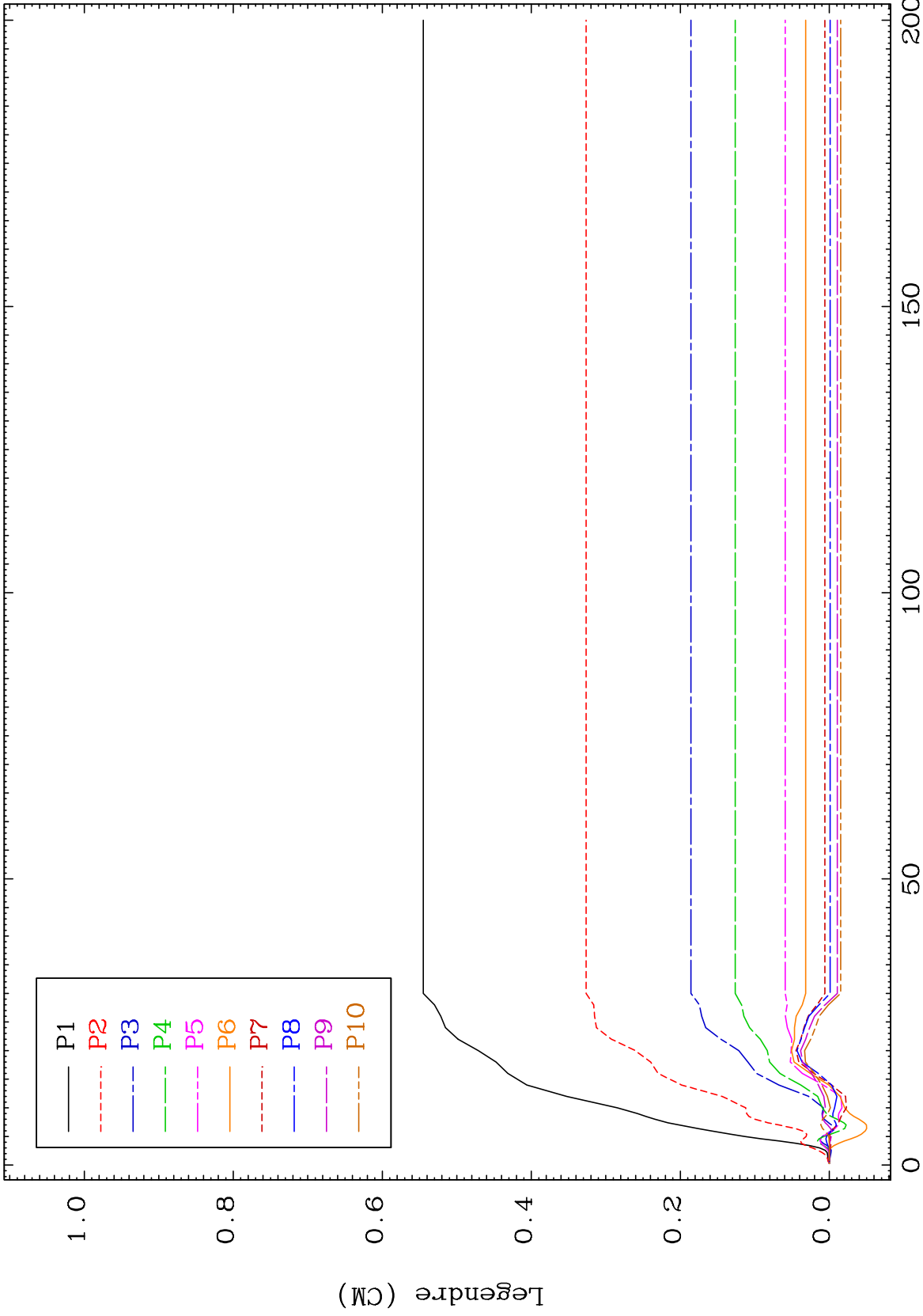
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



28

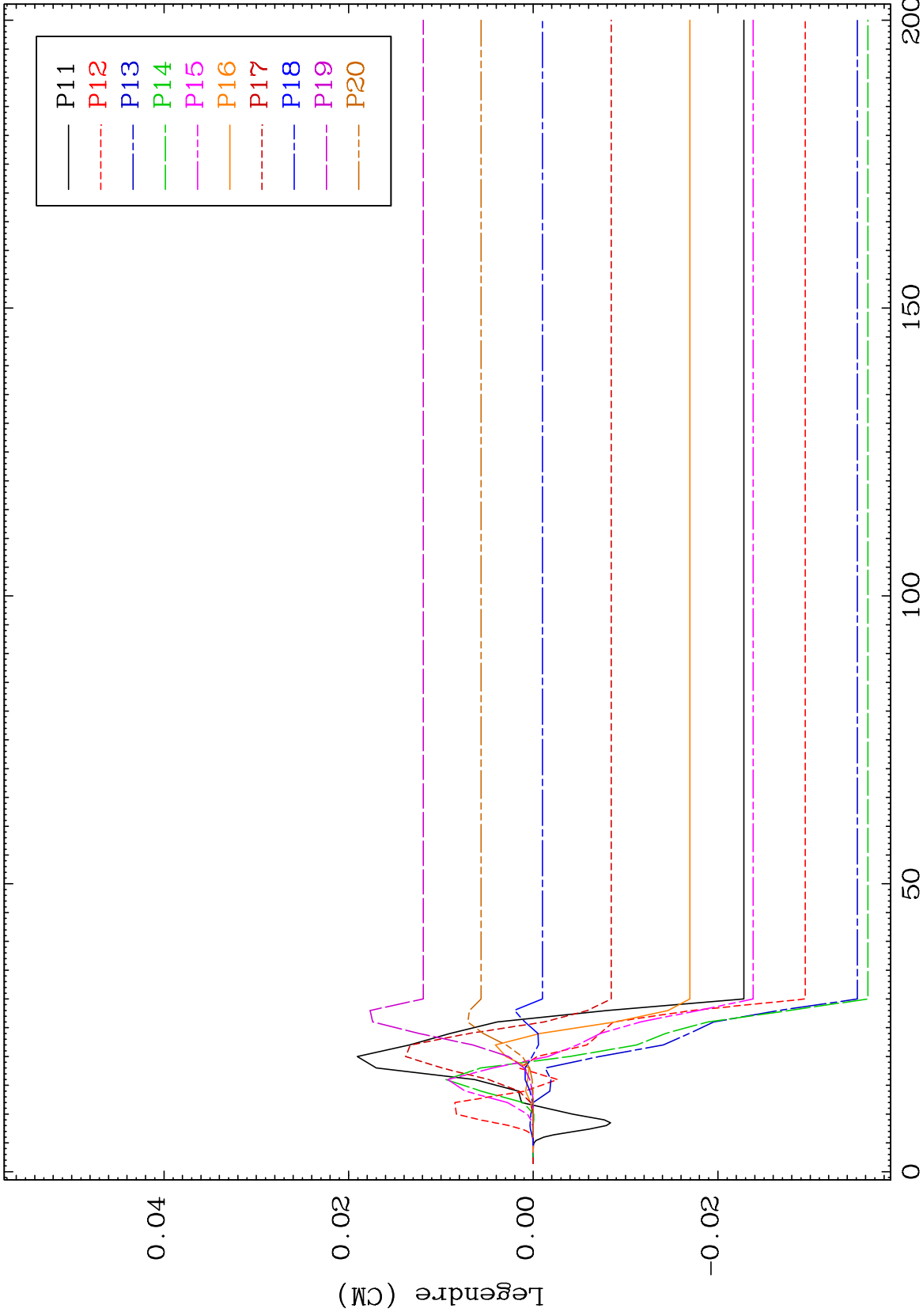
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



29

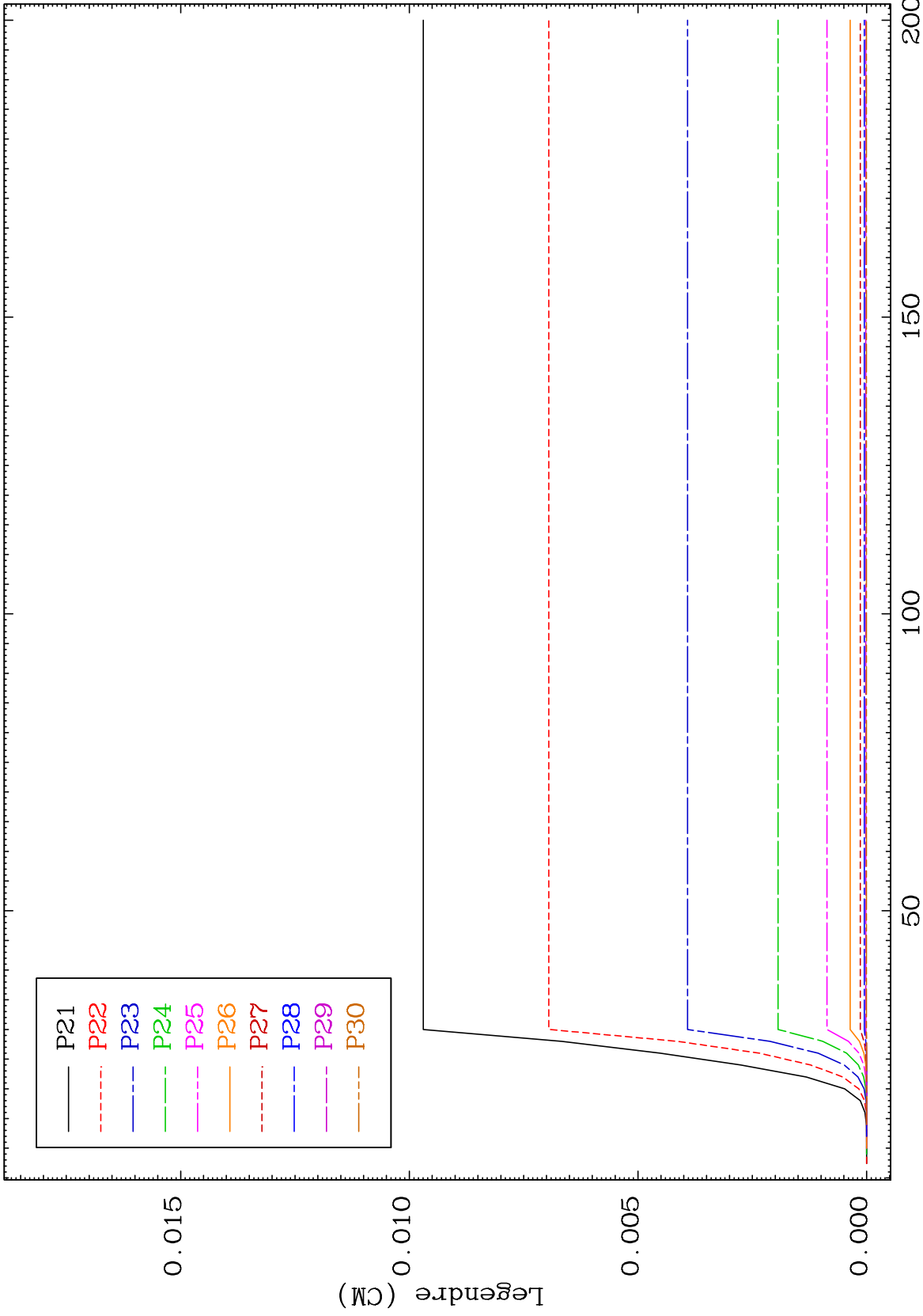
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



30

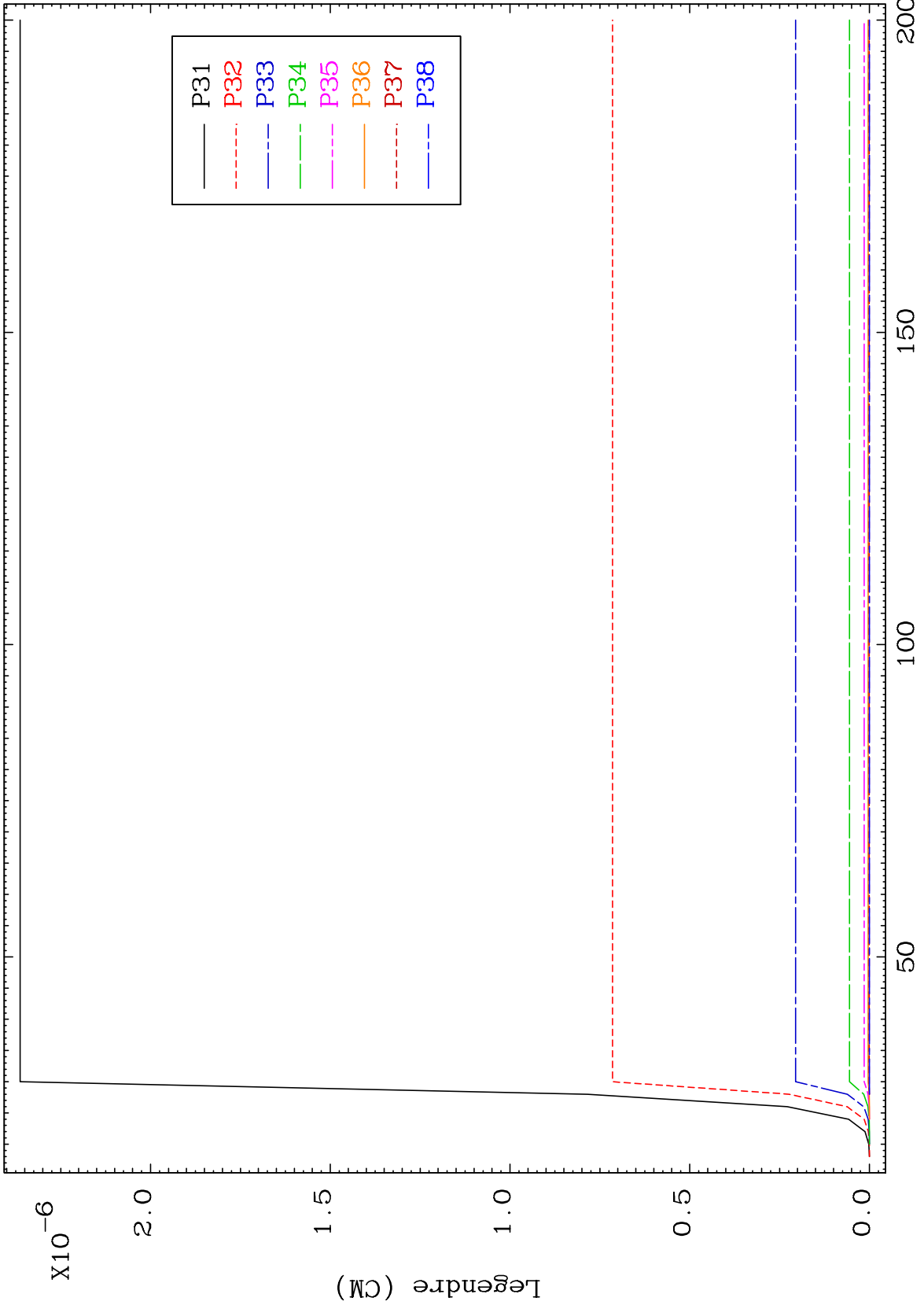
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



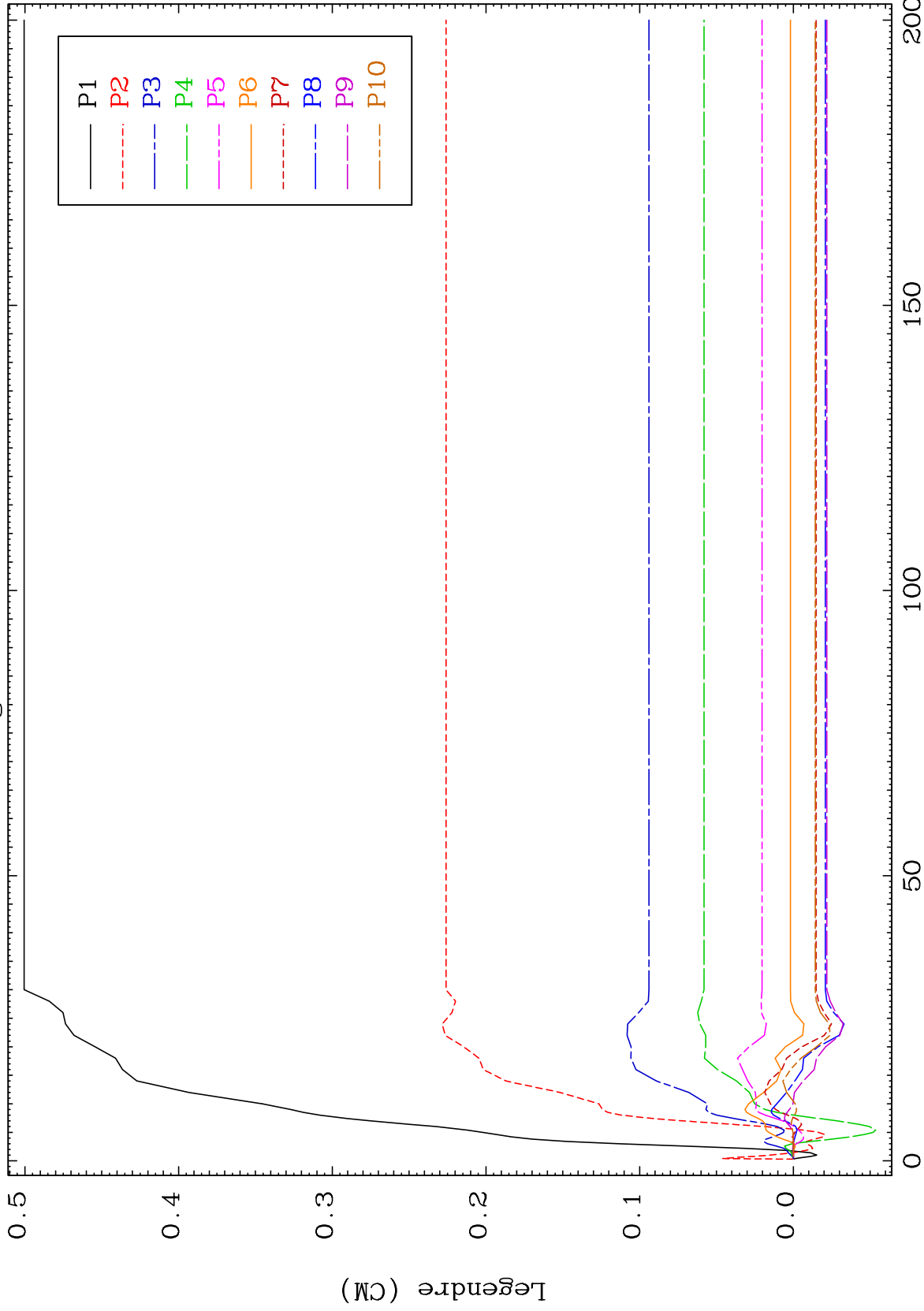
31

79-Au-193

MAT 7913

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

79-Au-193



32

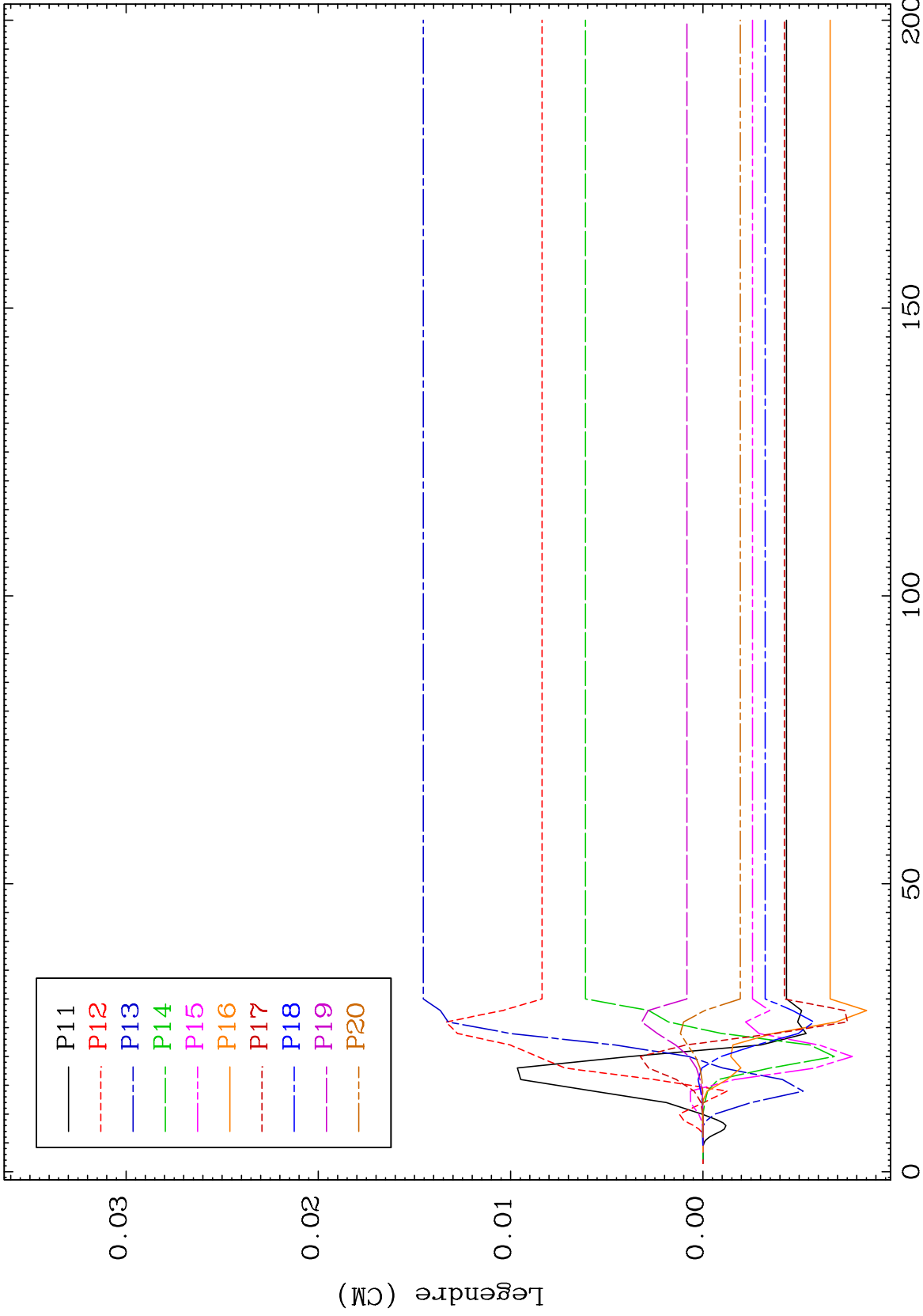
Incident Energy (MeV)

79-Au-193

MAT 7913

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

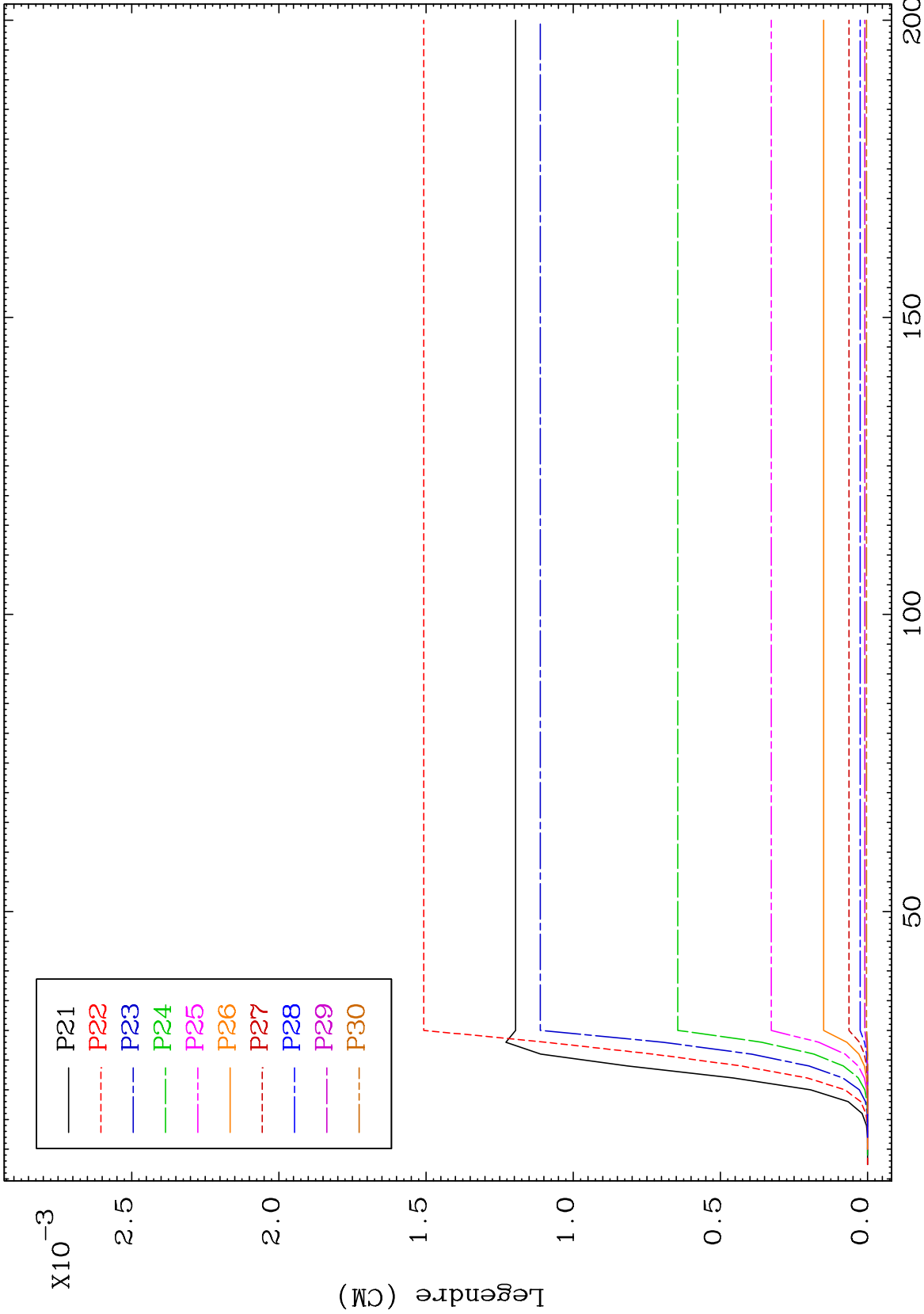
79-Au-193



33

Incident Energy (MeV)

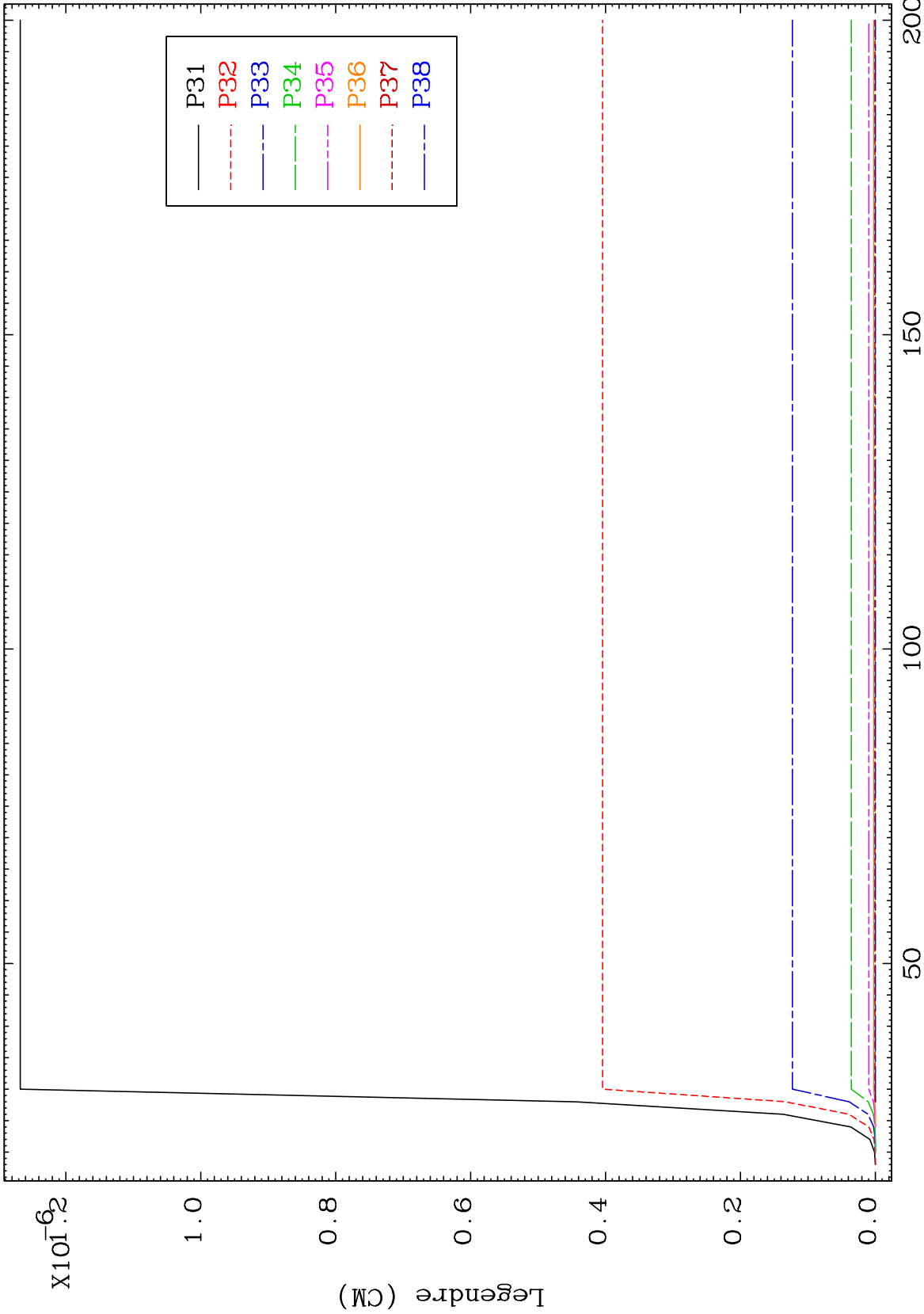
79-Au-193



MAT 7913

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

79-Au-193



35

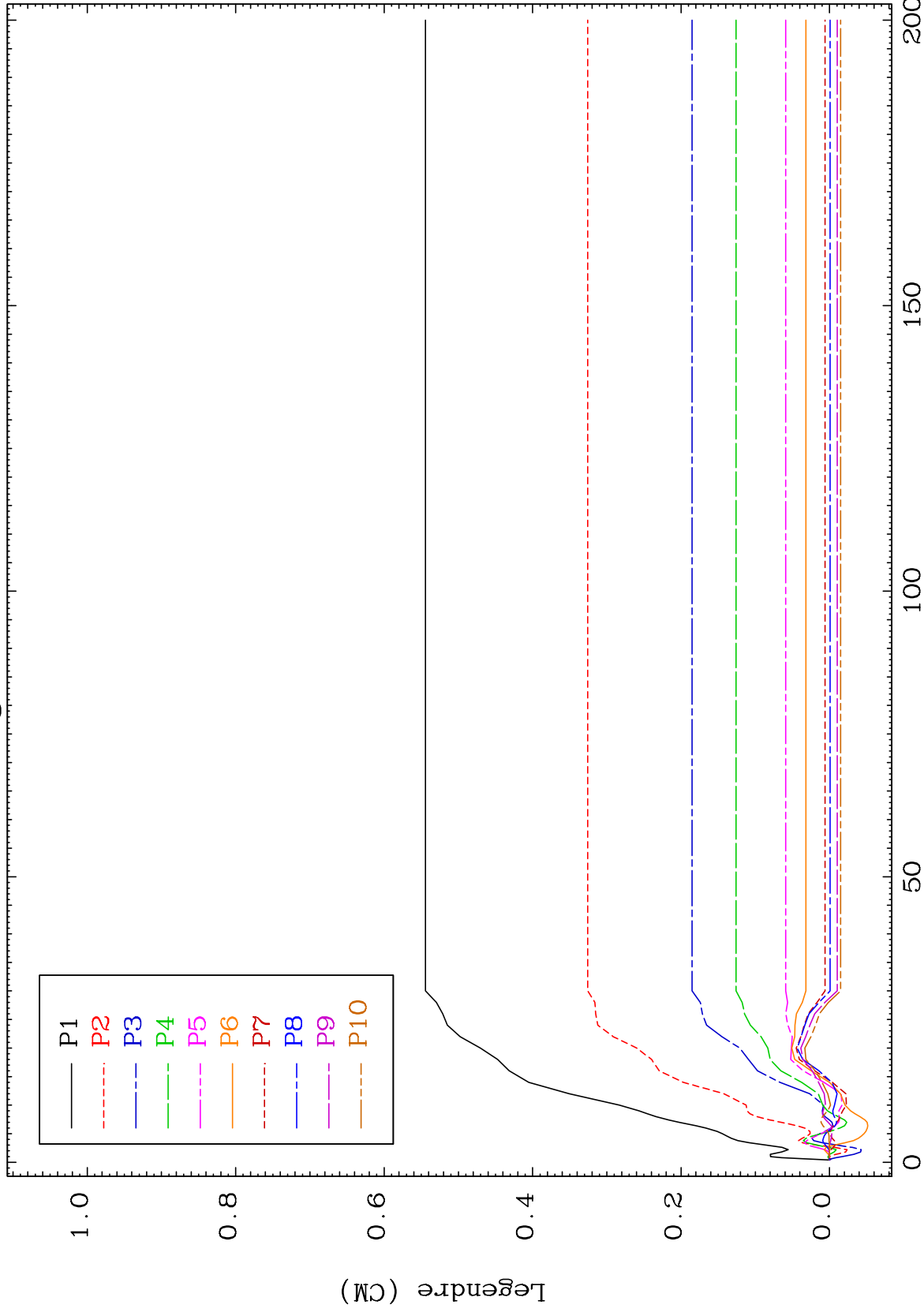
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



36

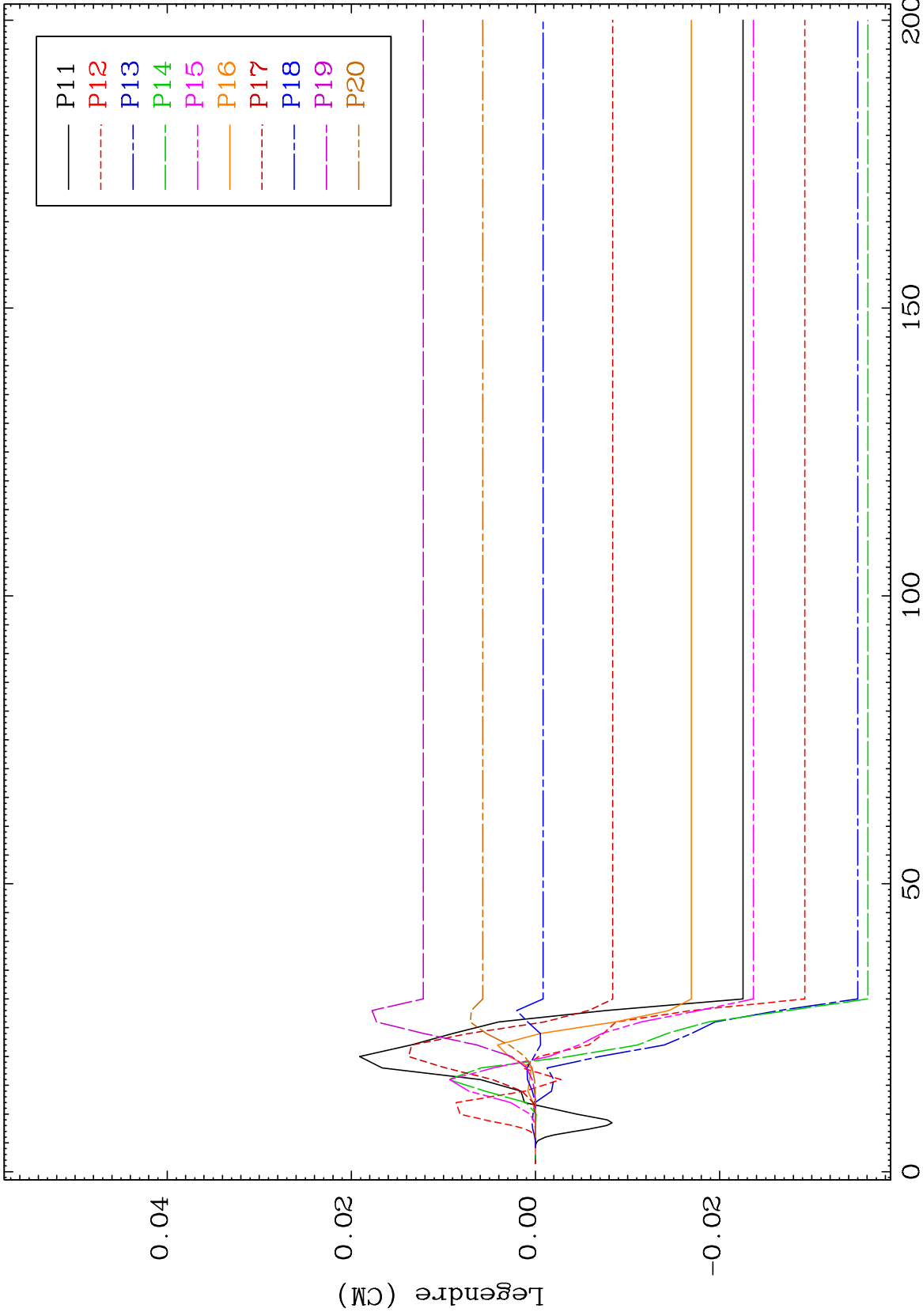
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



37

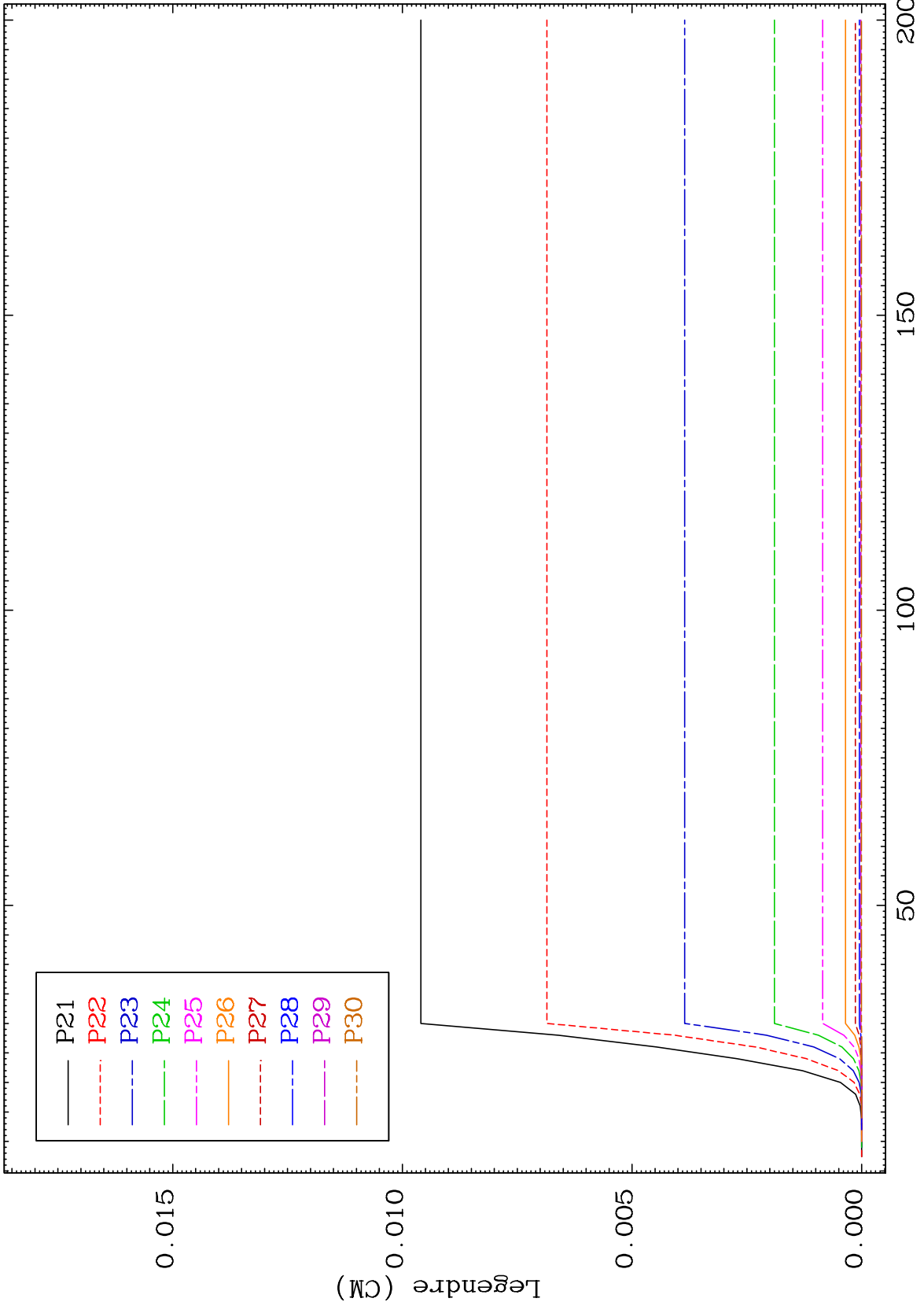
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



38

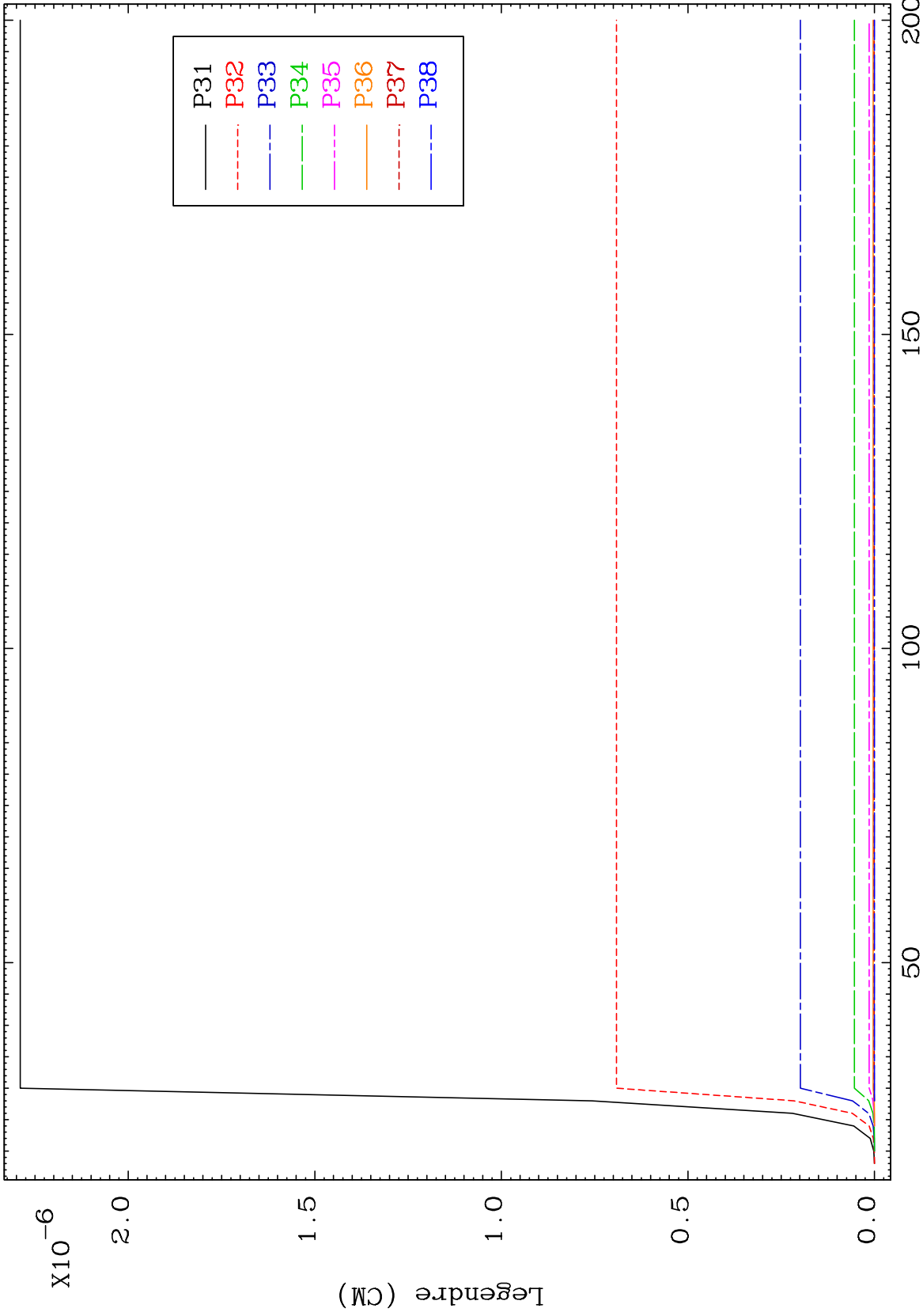
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



39

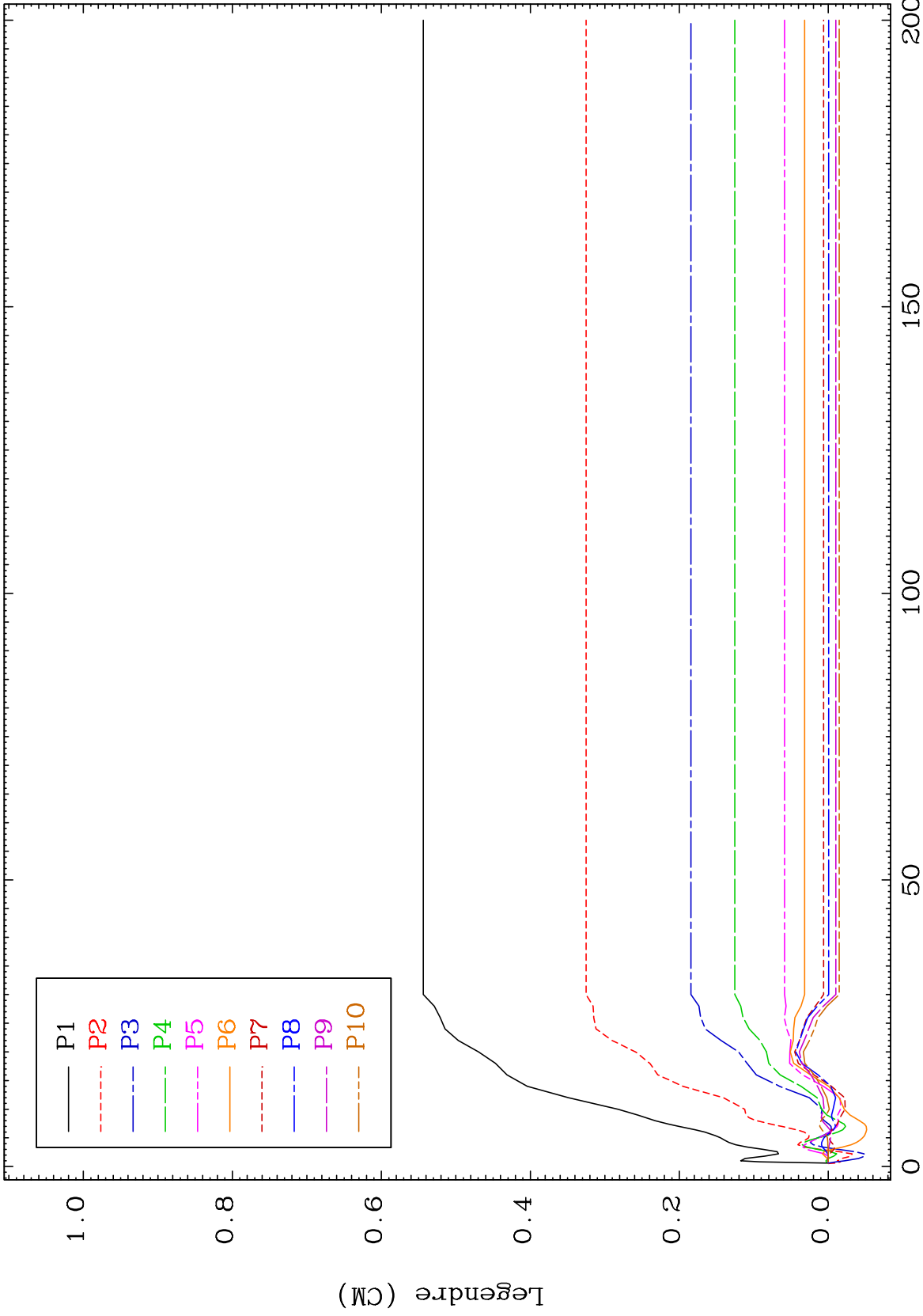
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



40

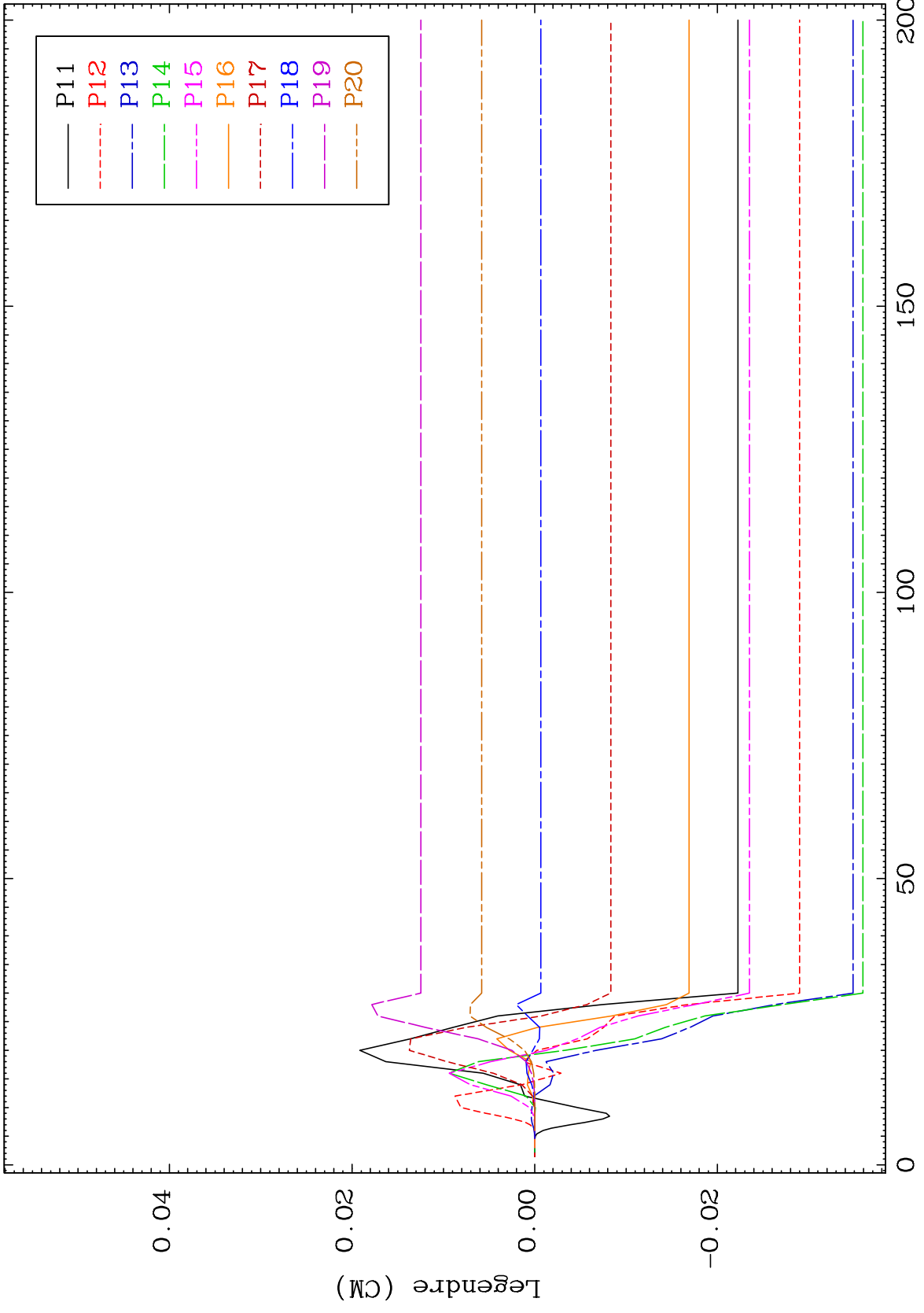
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



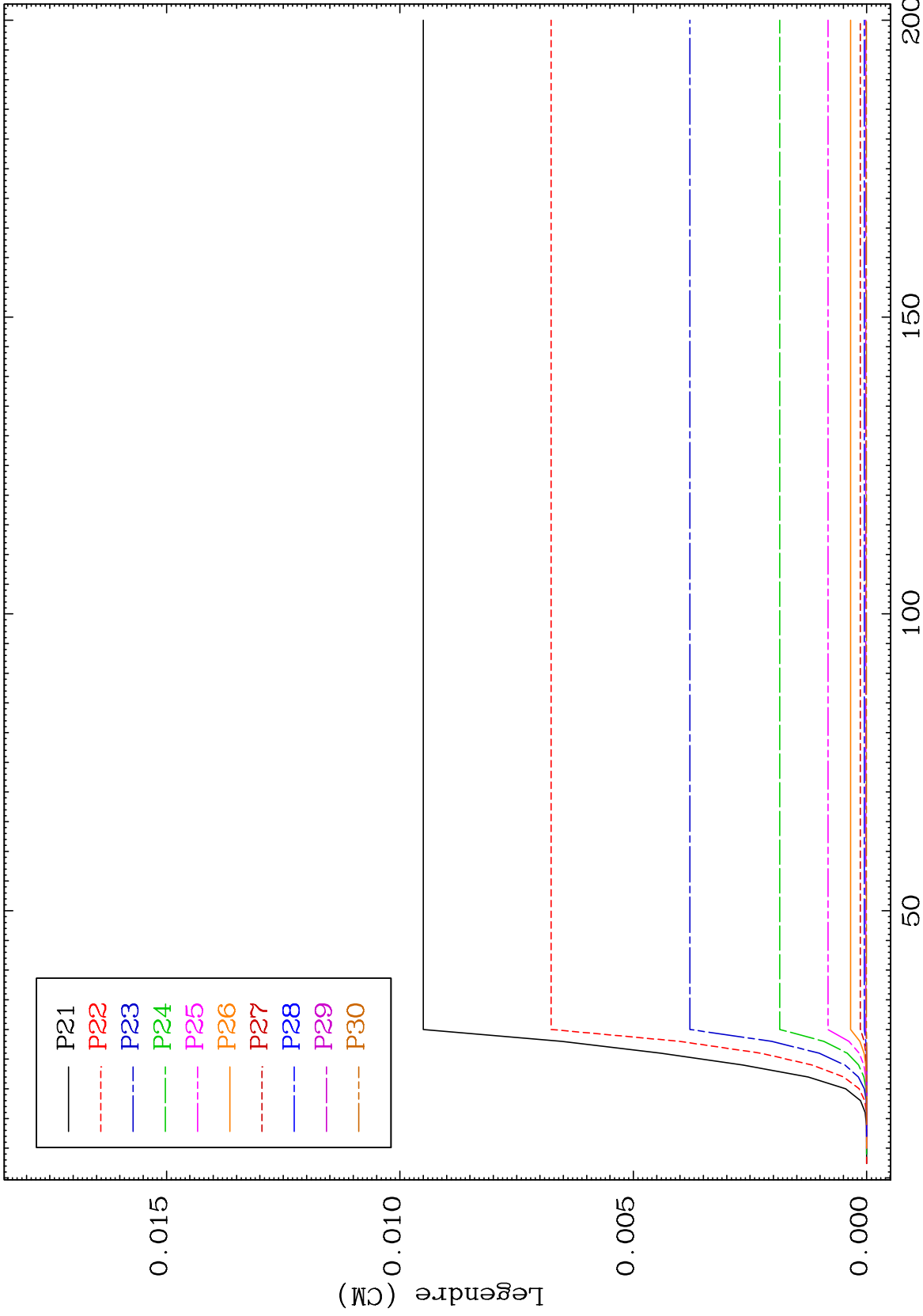
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79-Au-193

MAT 7913

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

79-Au-193



42

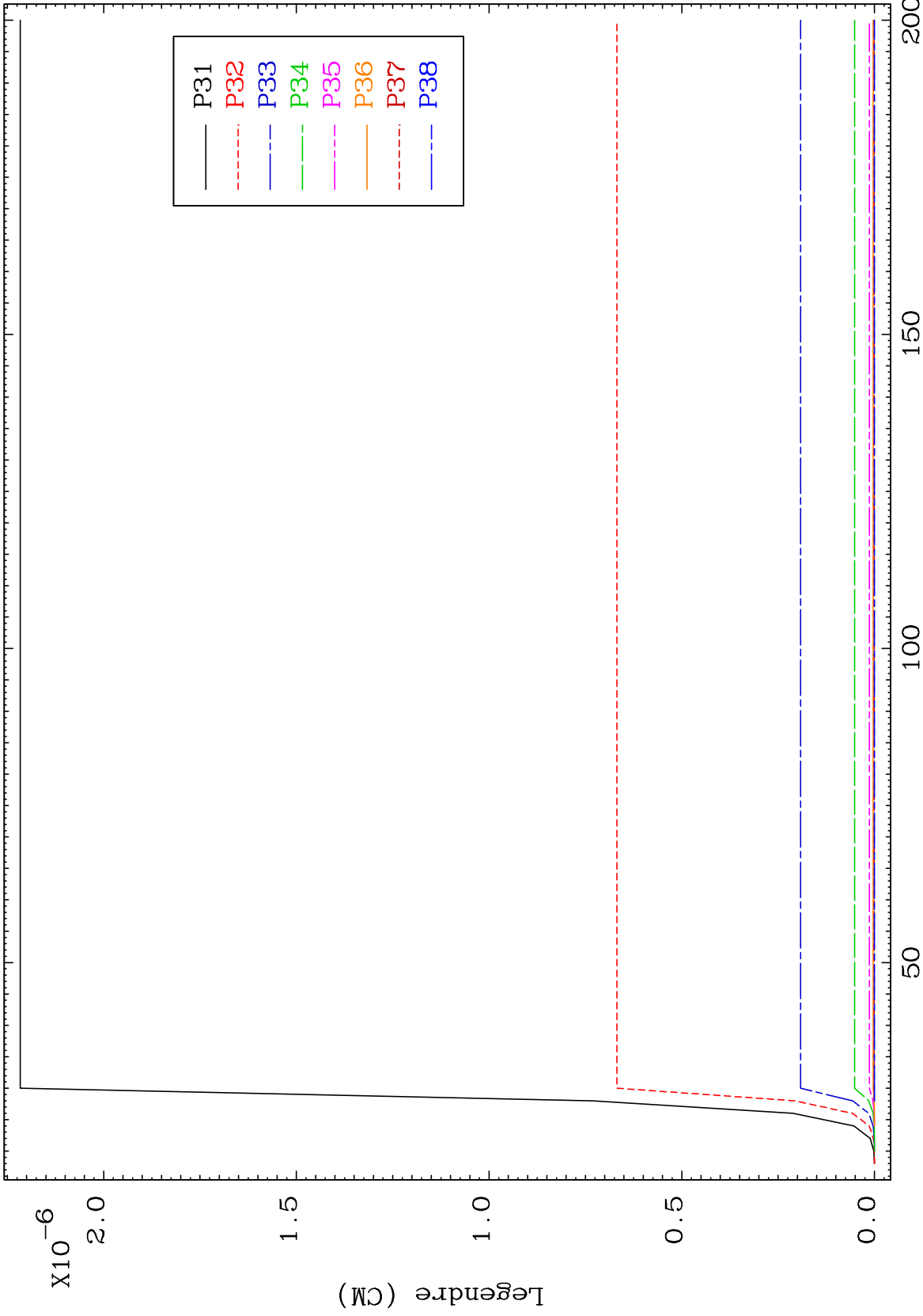
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



43

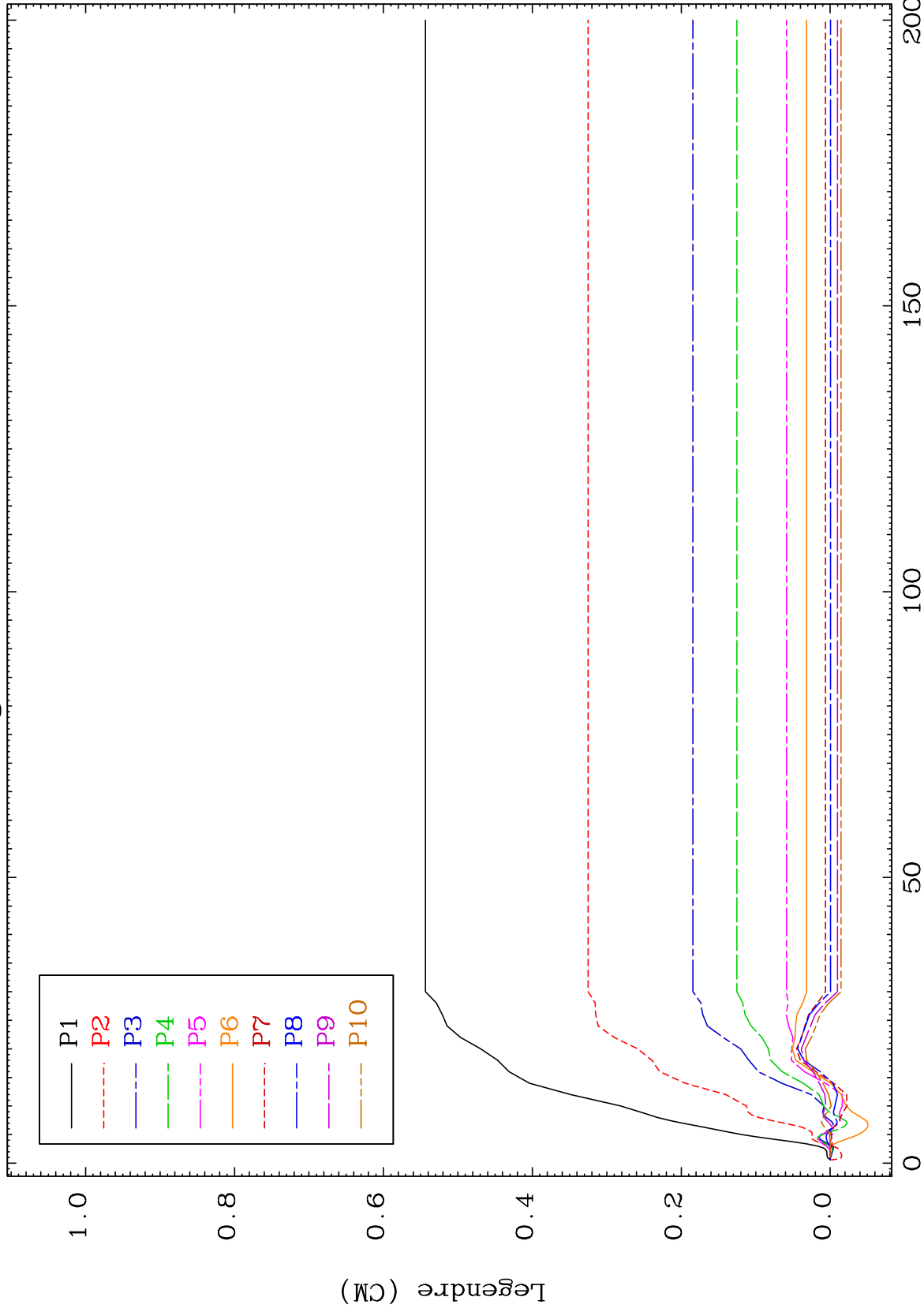
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



44

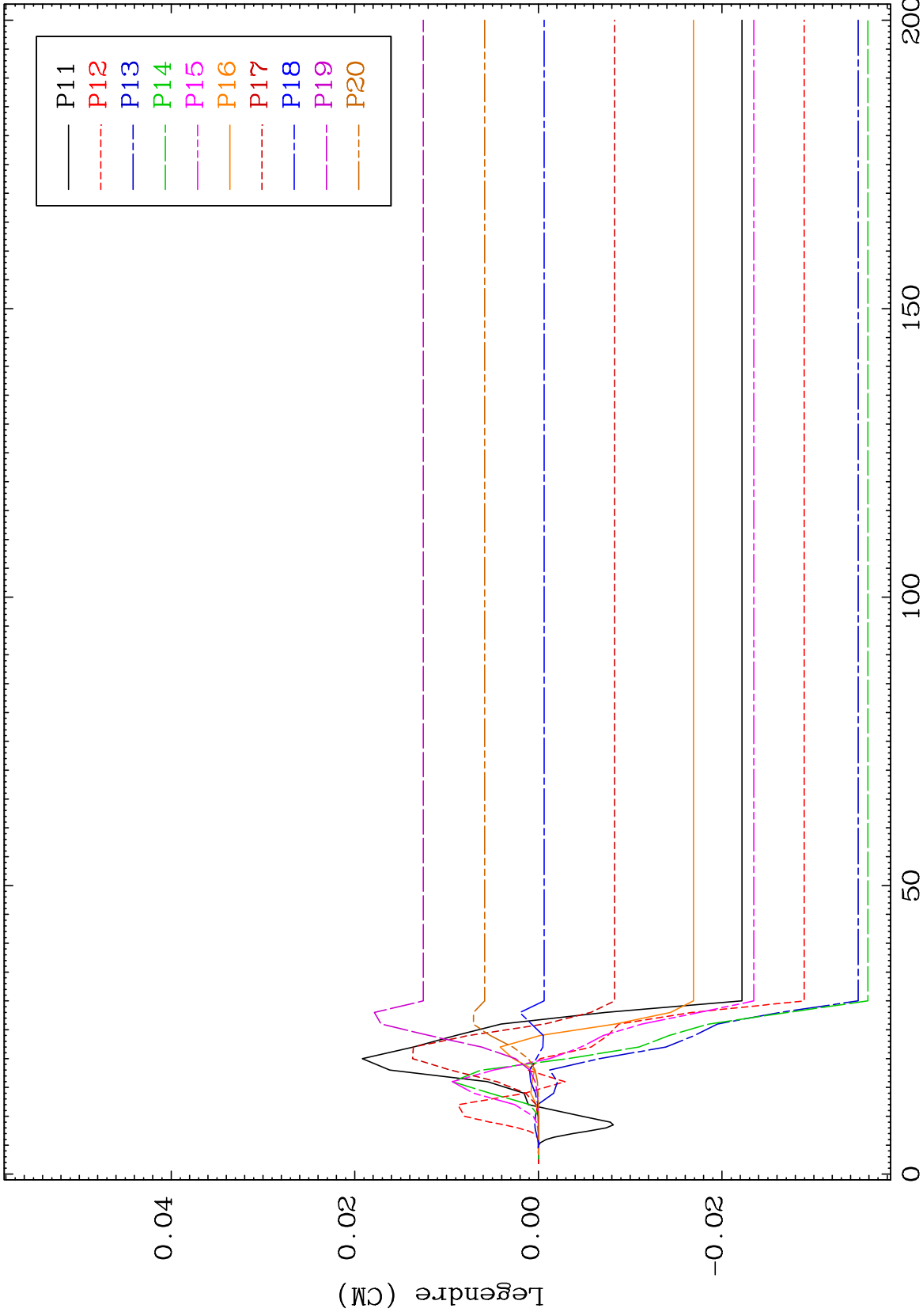
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



45

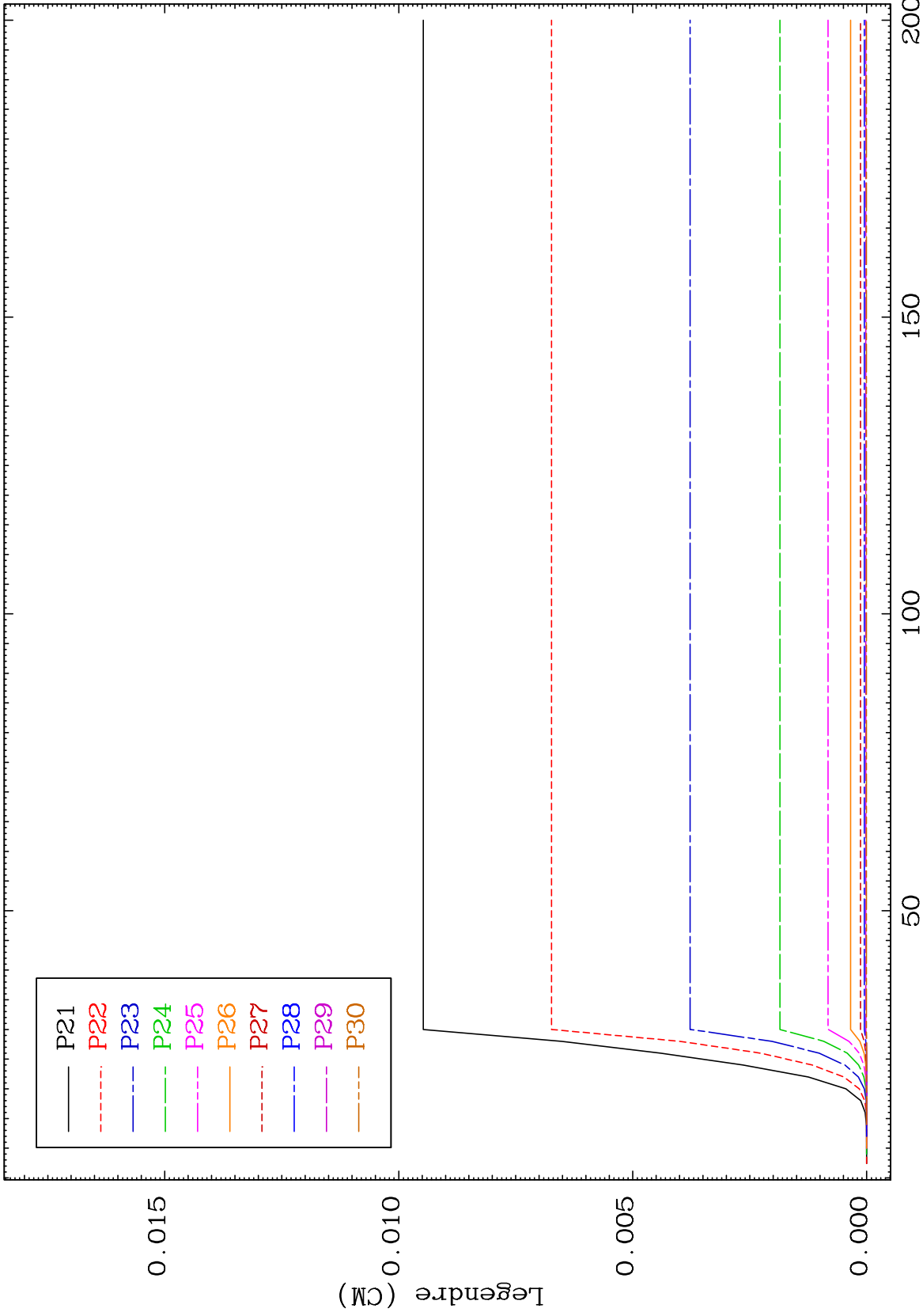
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



46

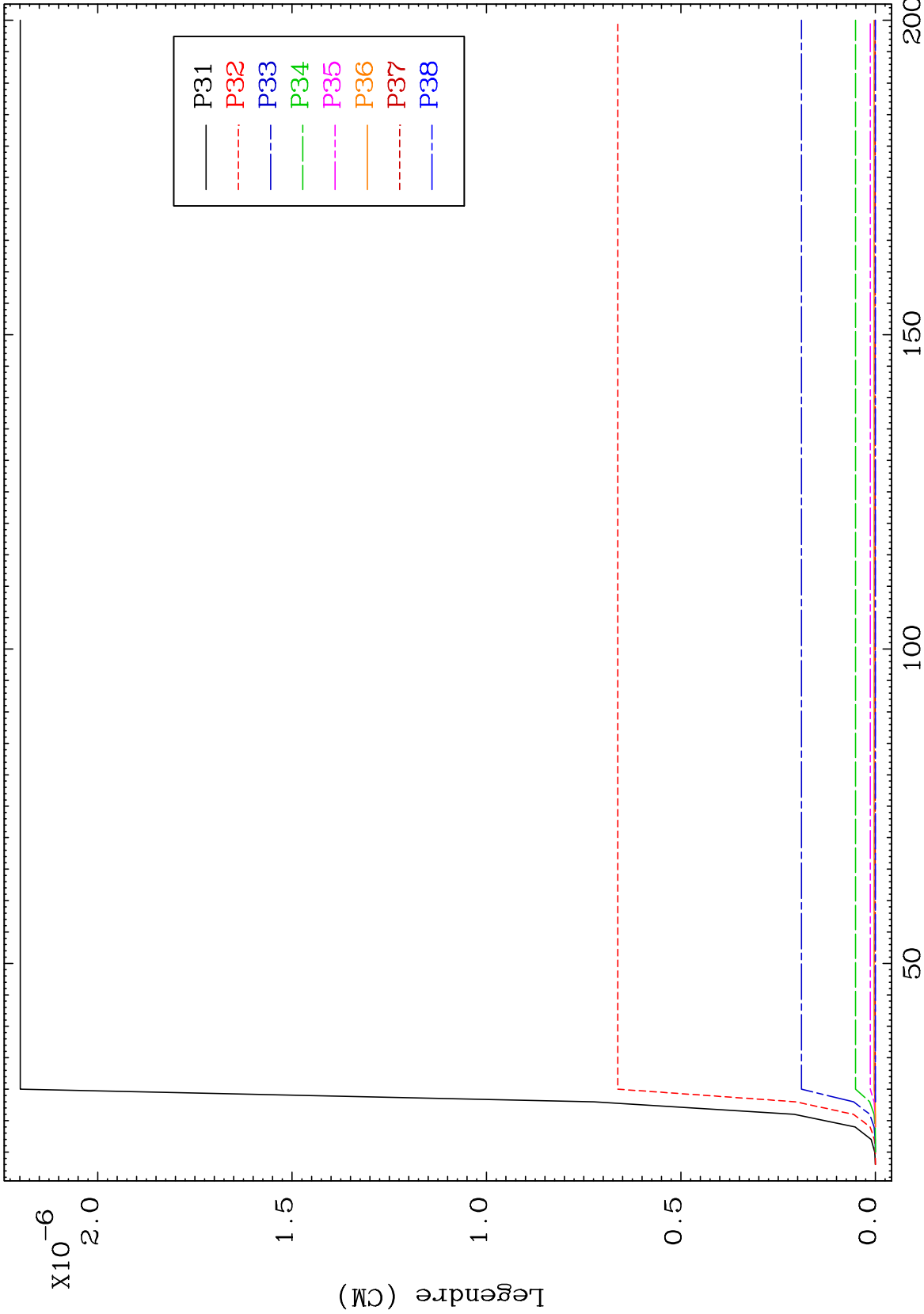
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



47

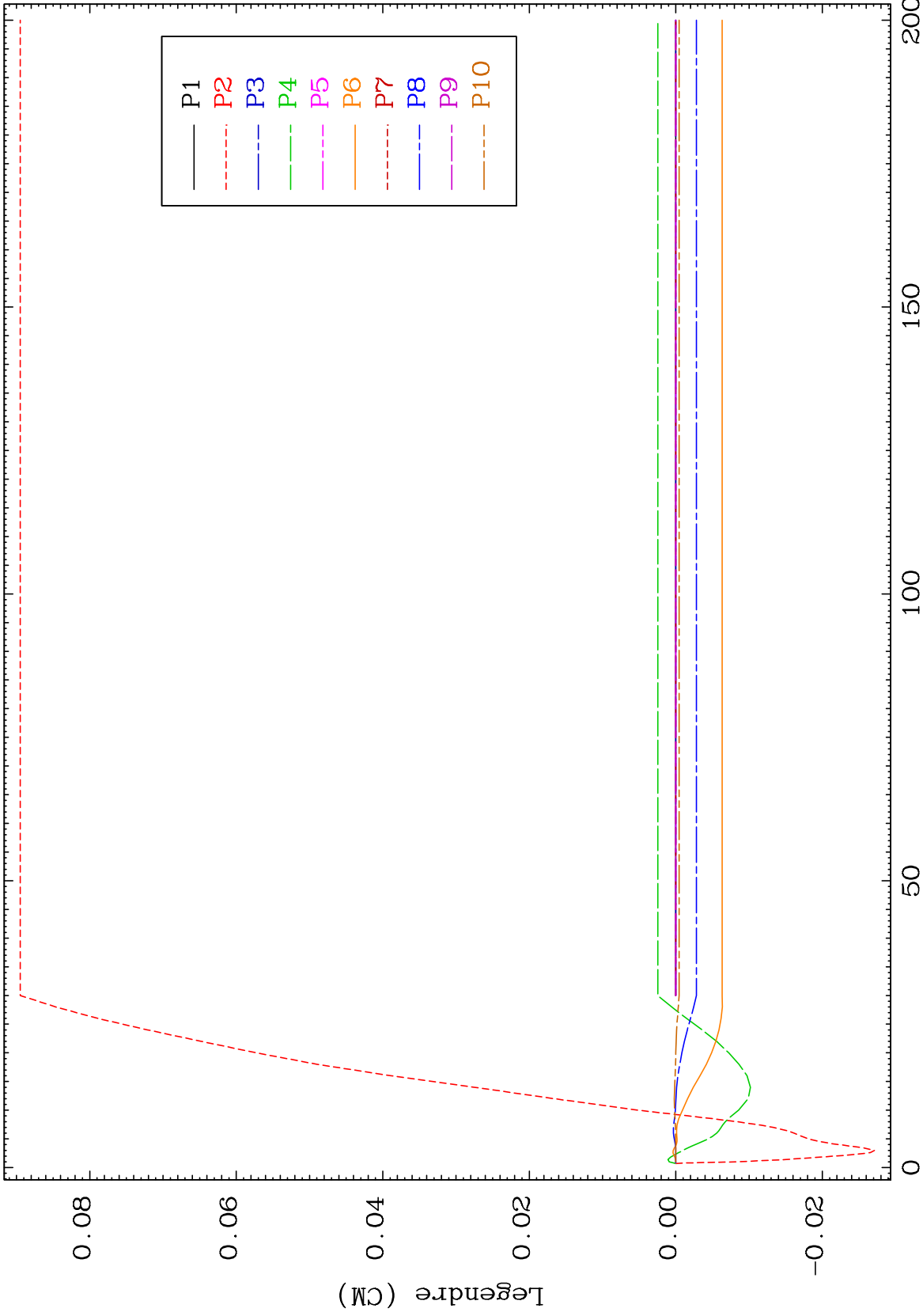
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



48

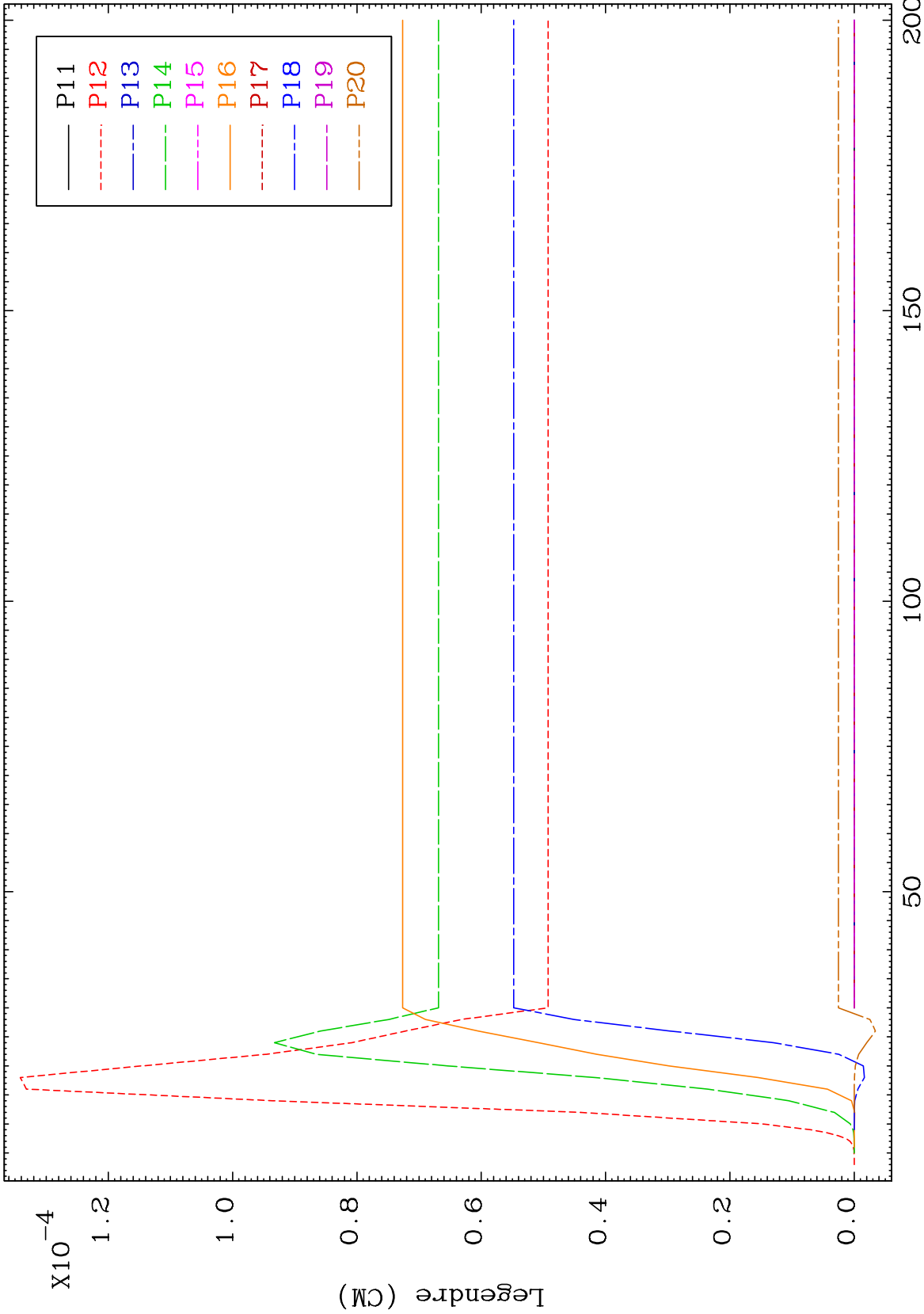
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



49

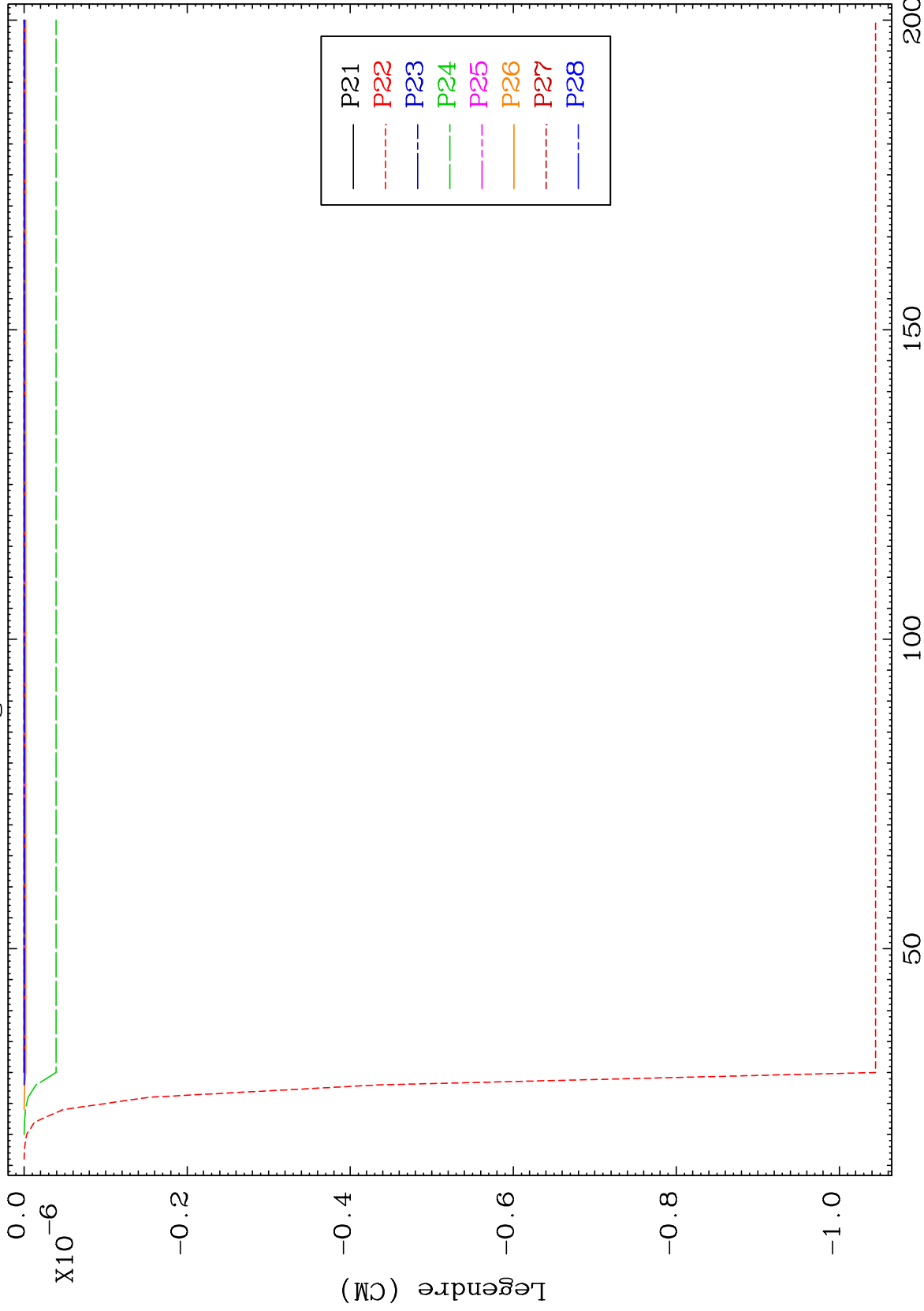
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



50

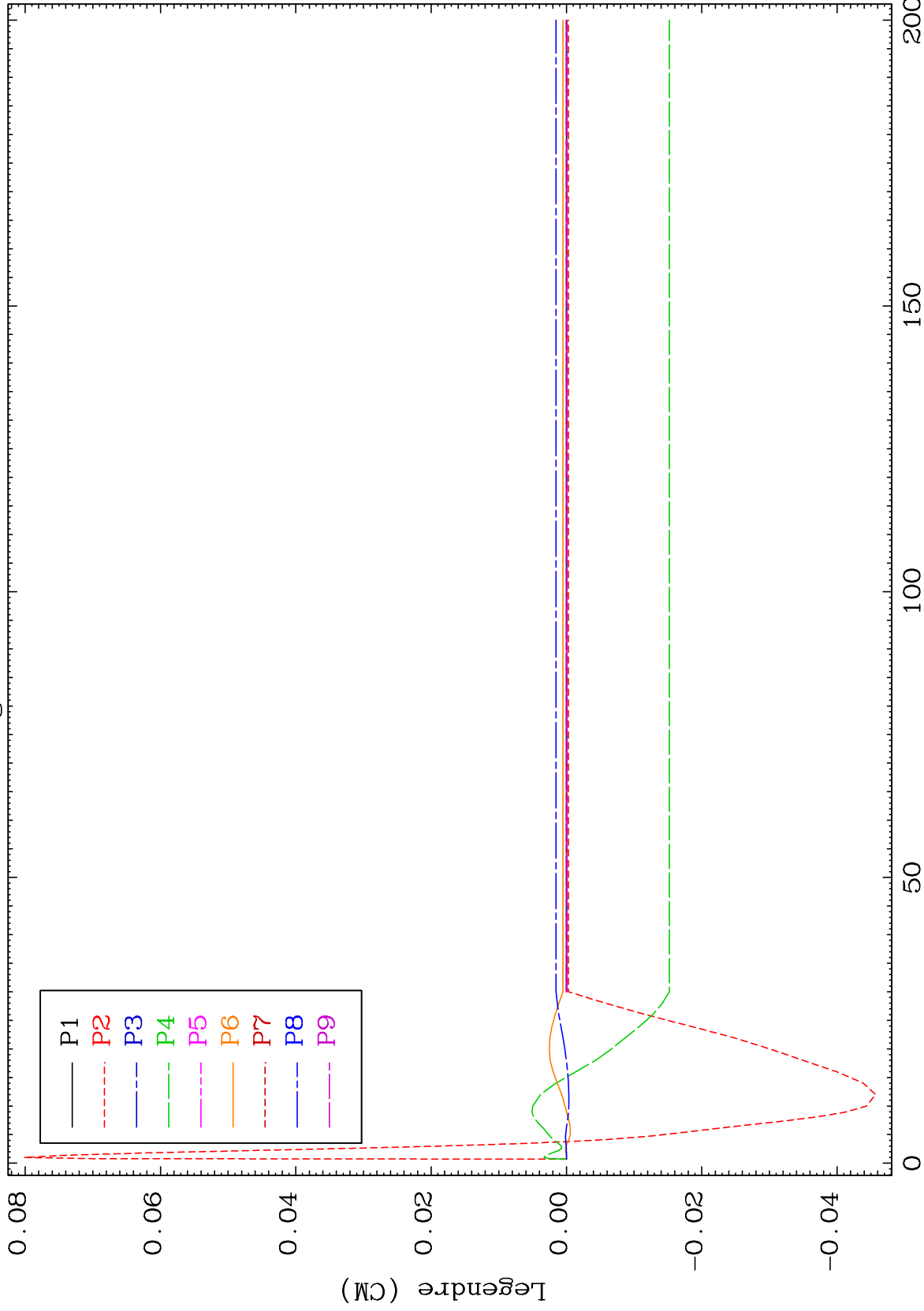
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



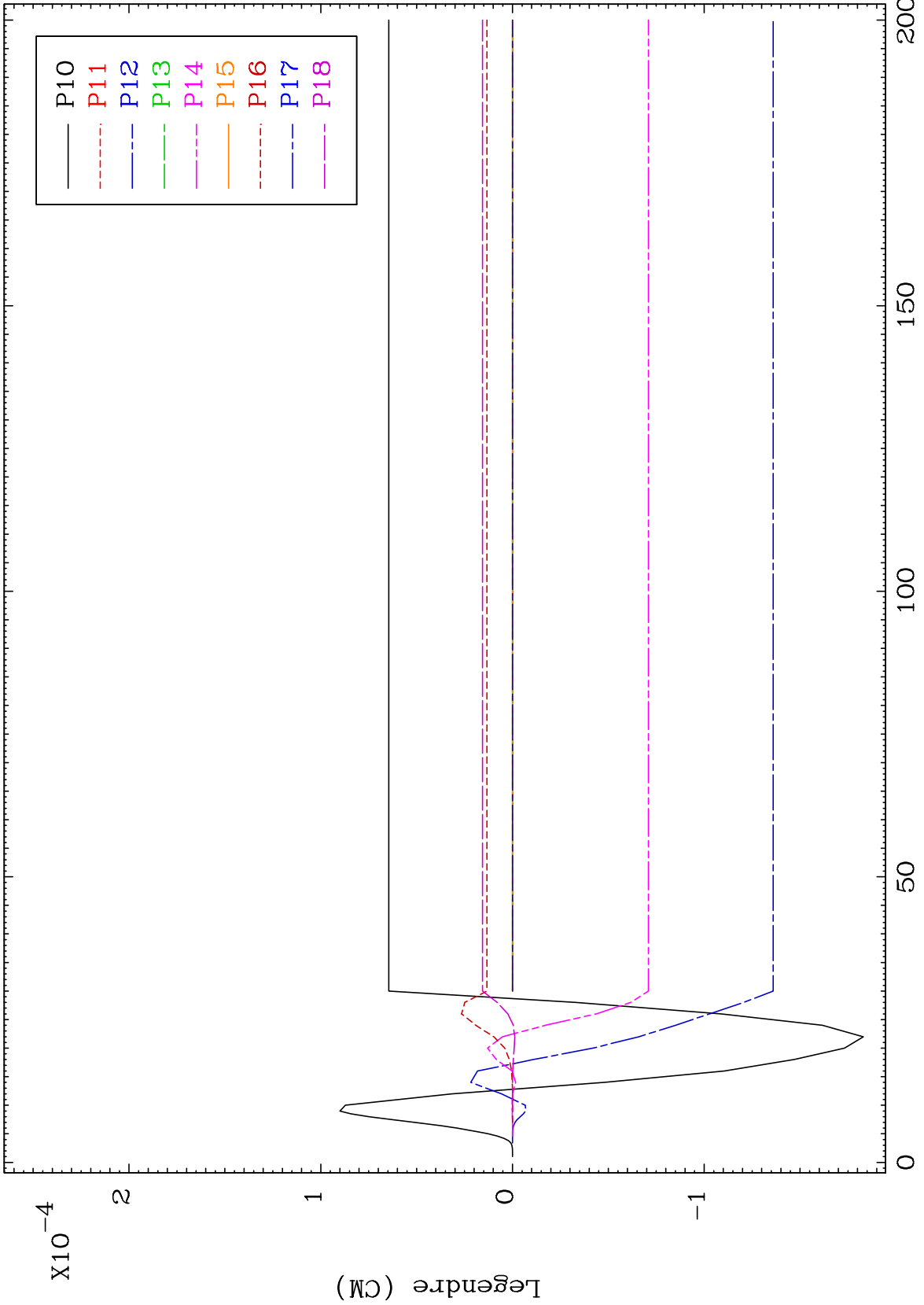
51

79-Au-193

MAT 7913

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

79-Au-193



52

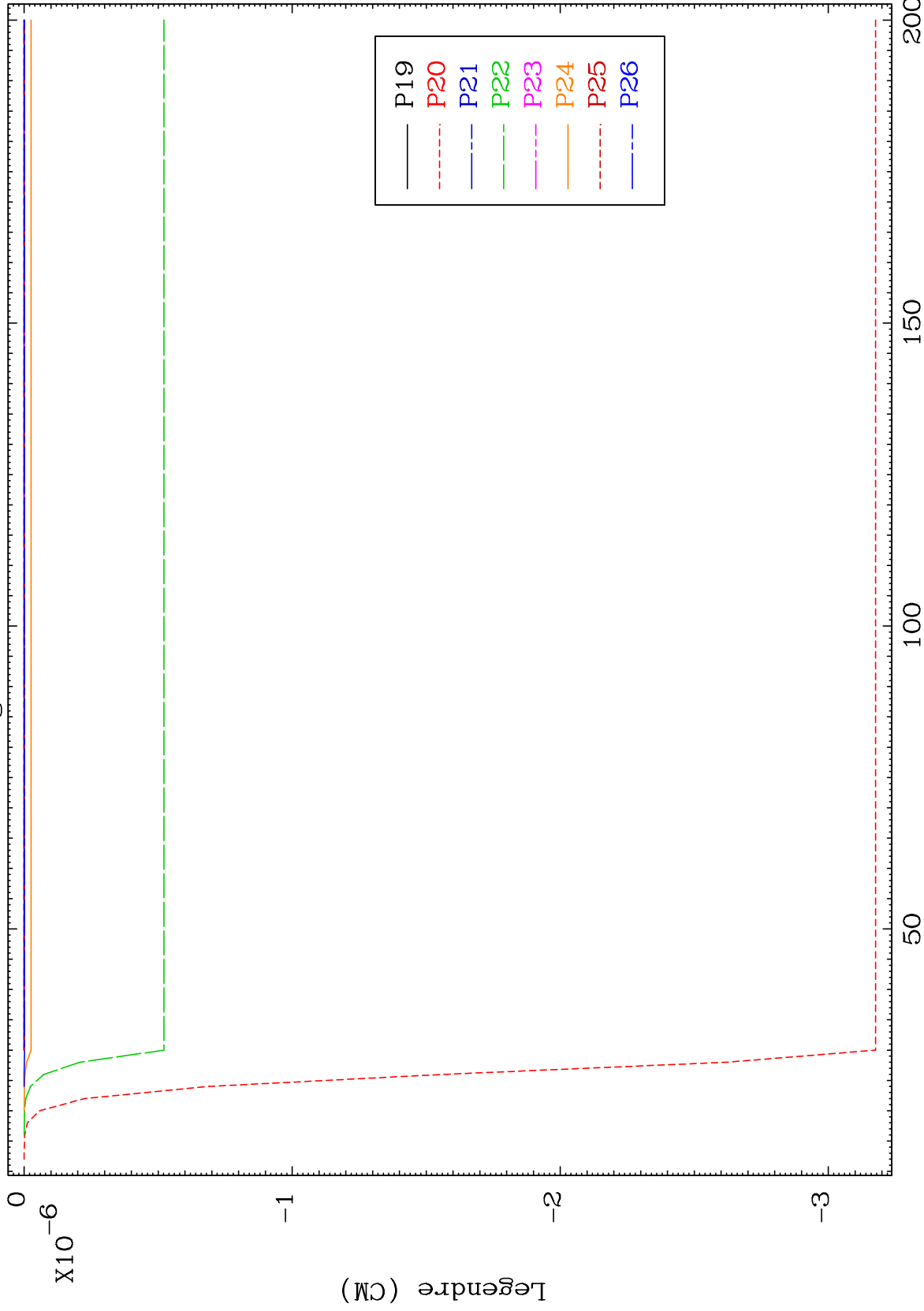
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



53

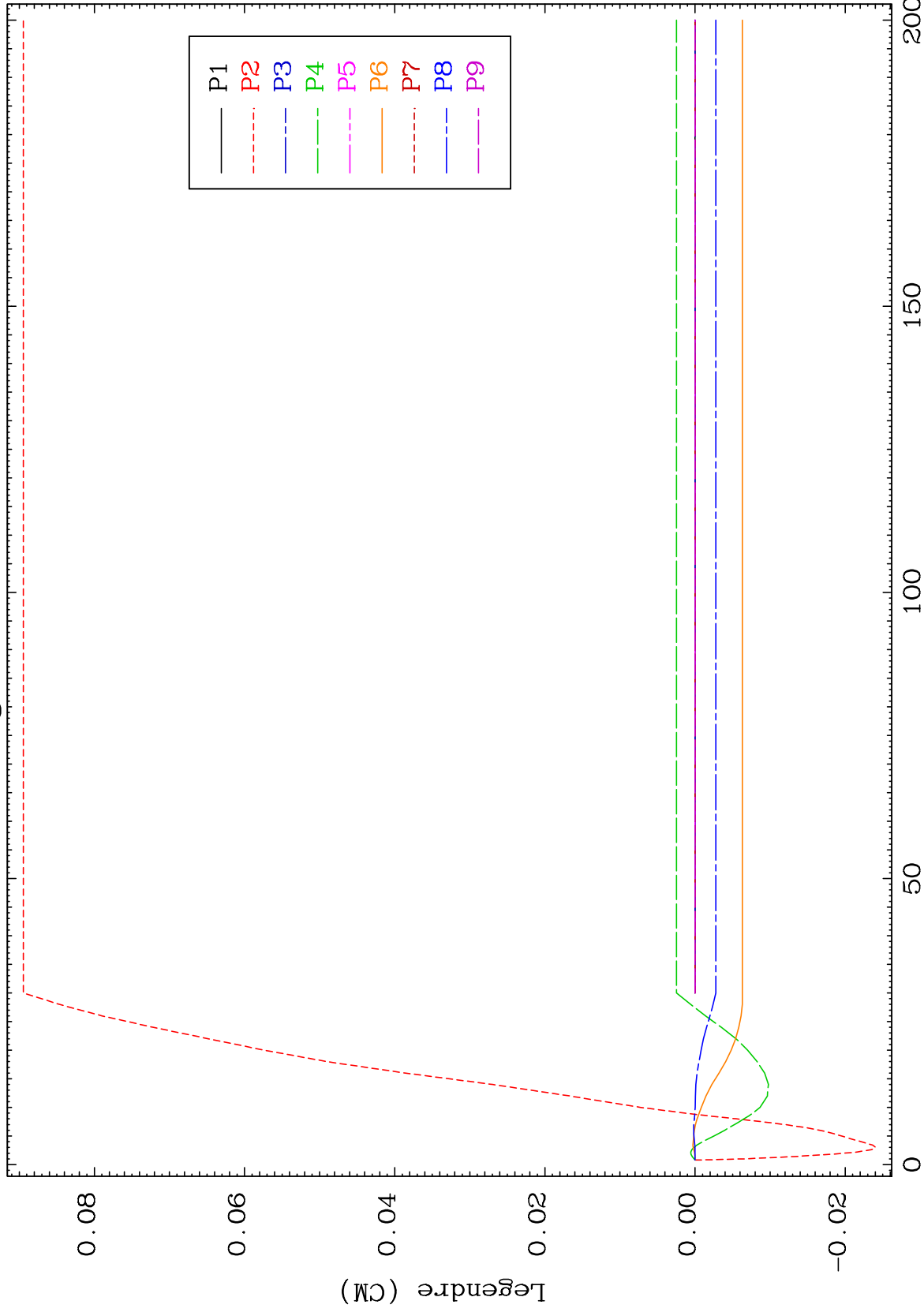
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

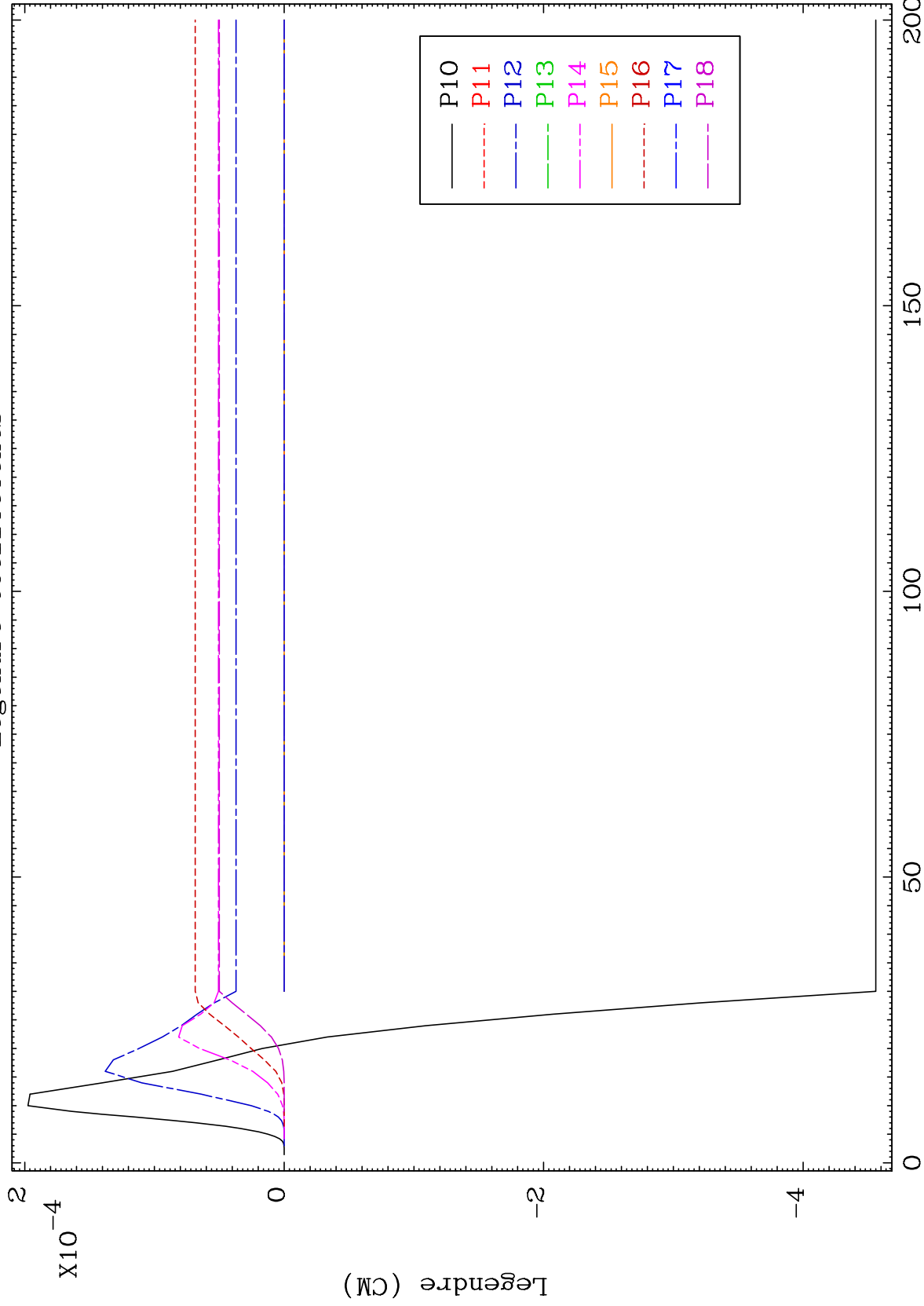
Incident Energy (MeV)

54

MAT 7913

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

79-Au-193

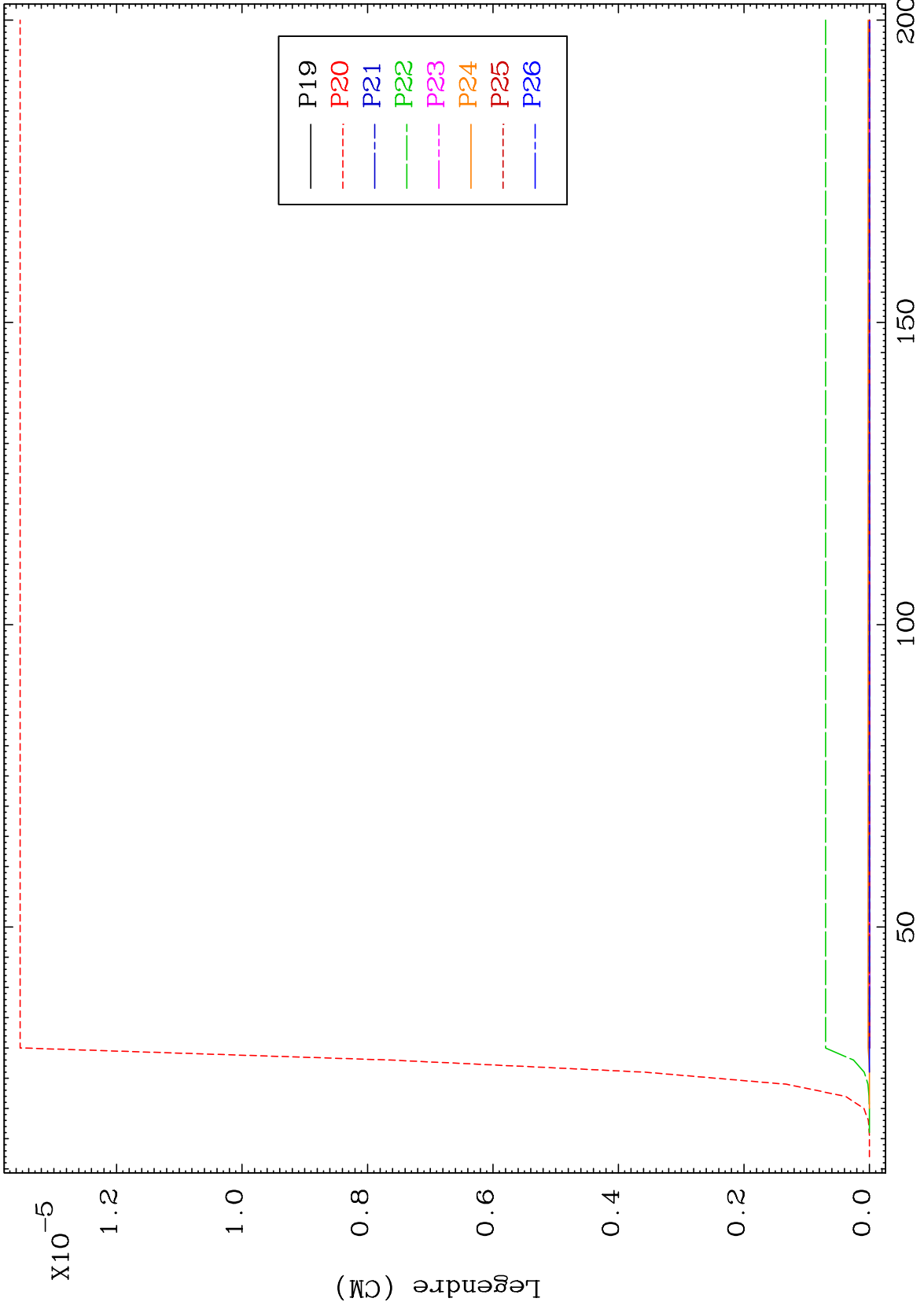


55

Incident Energy (MeV)

79-Au-193

MAT 7913 MT= 60 (n,n') Level Legendre Coefficients 79-Au-193

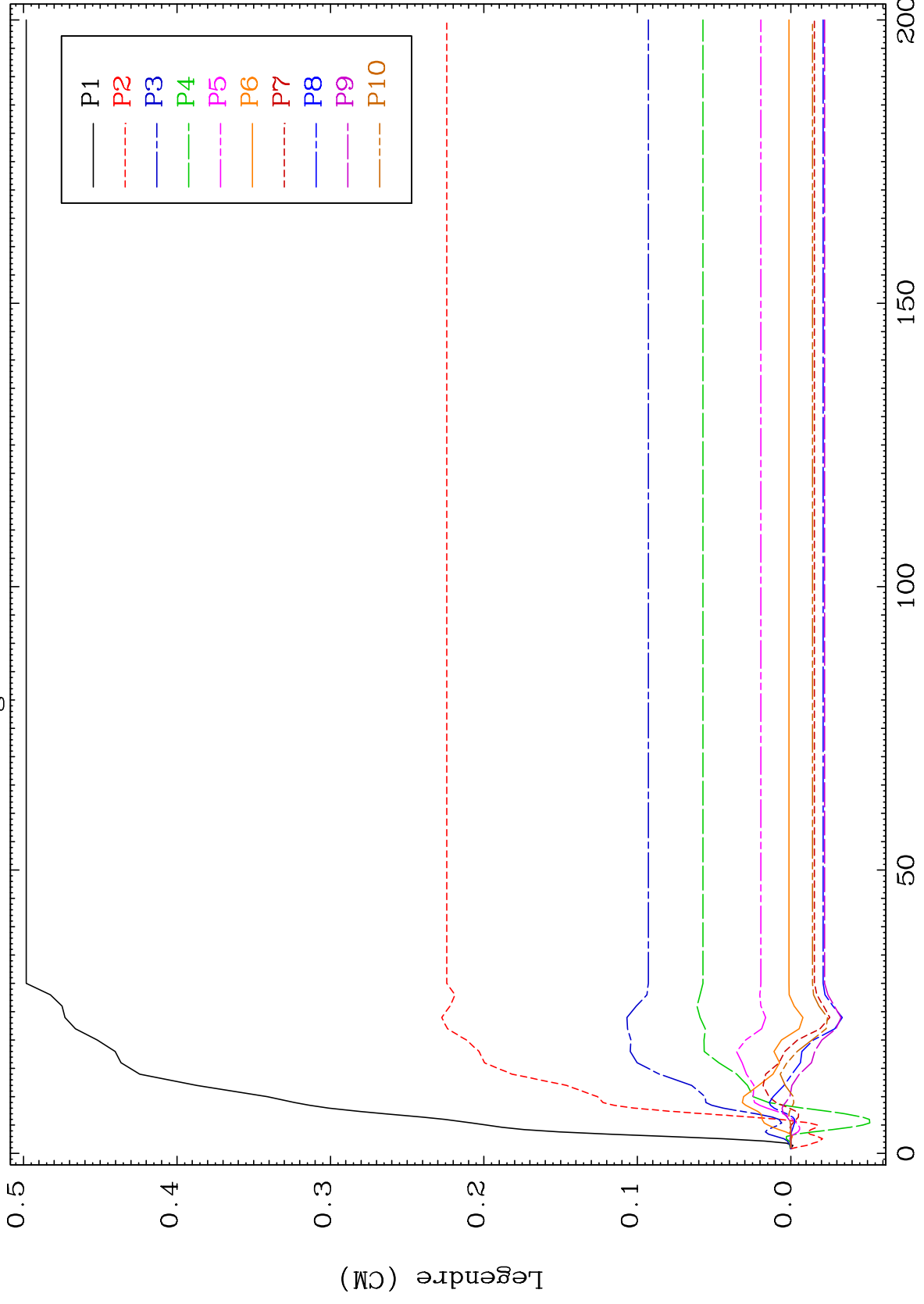


56 79-Au-193

MAT 7913

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

79-Au-193



57

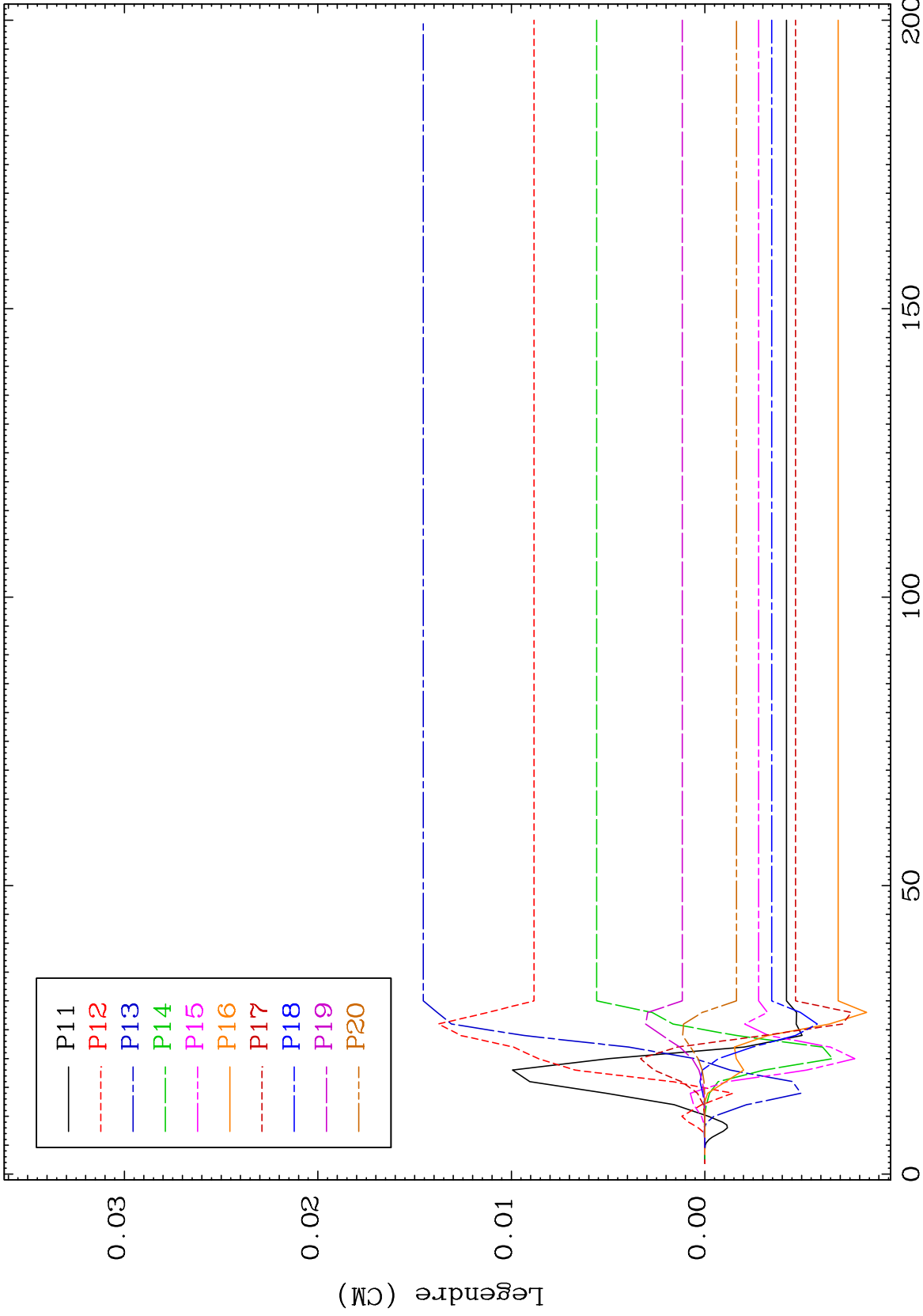
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



58

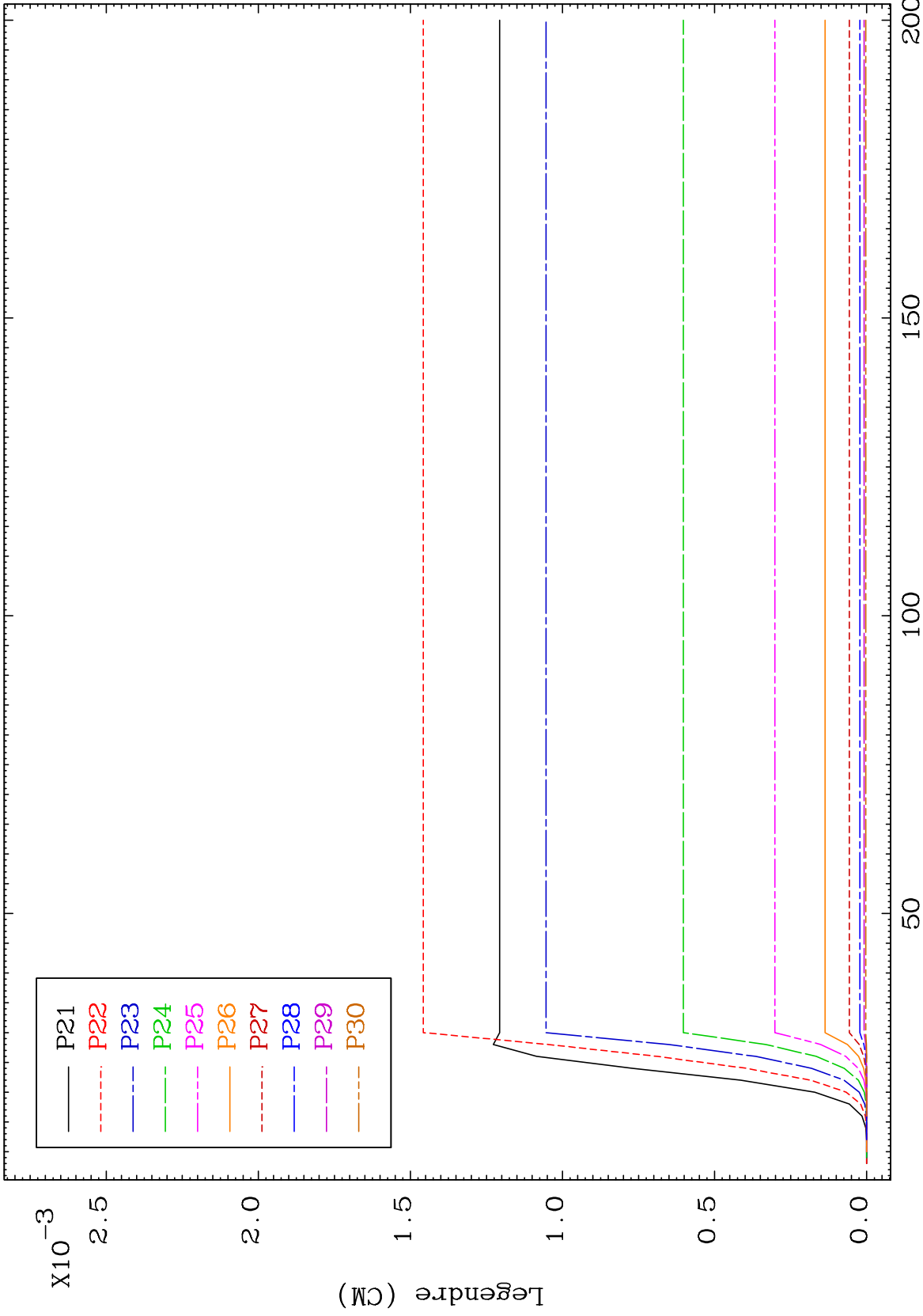
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



59

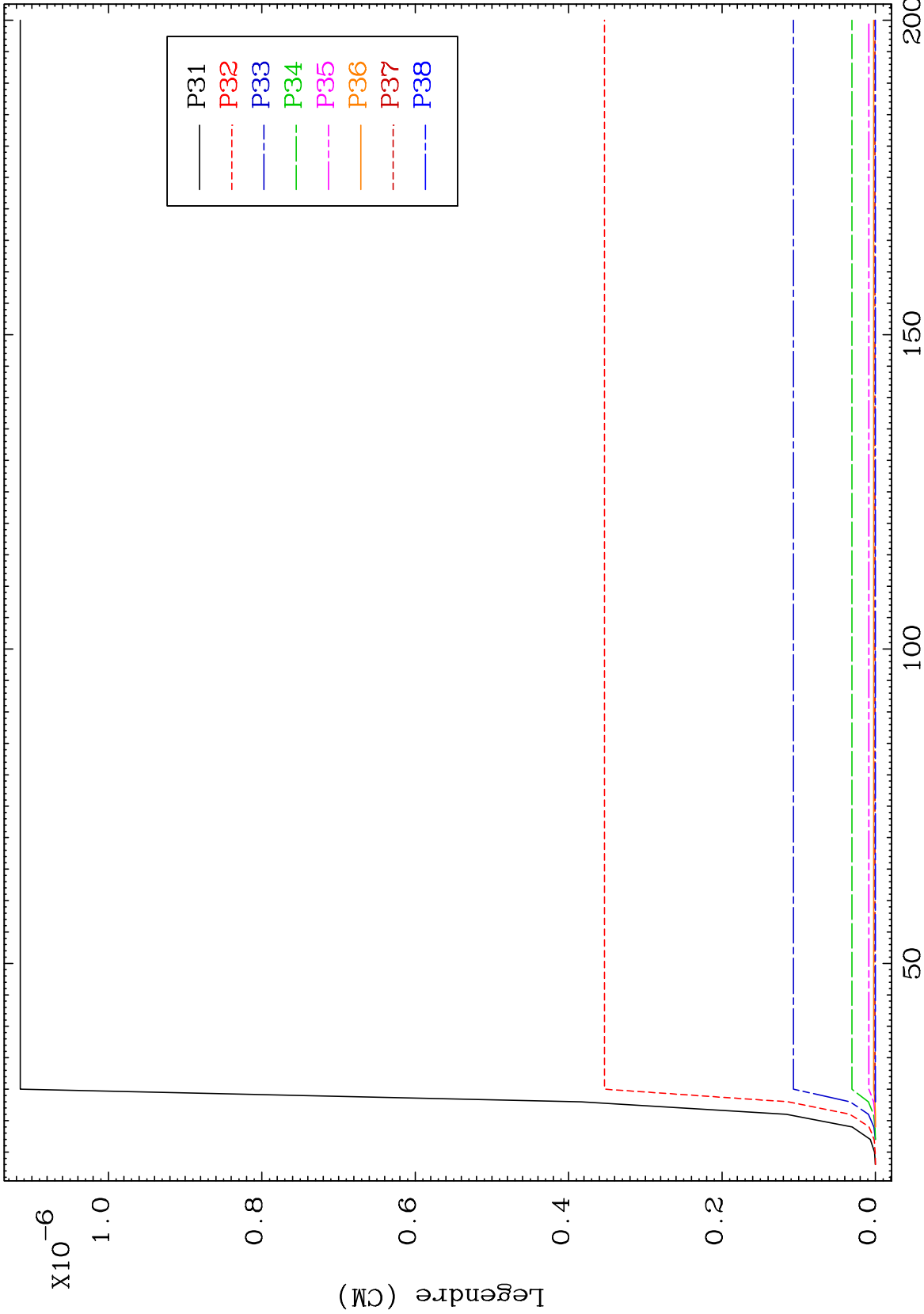
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



60

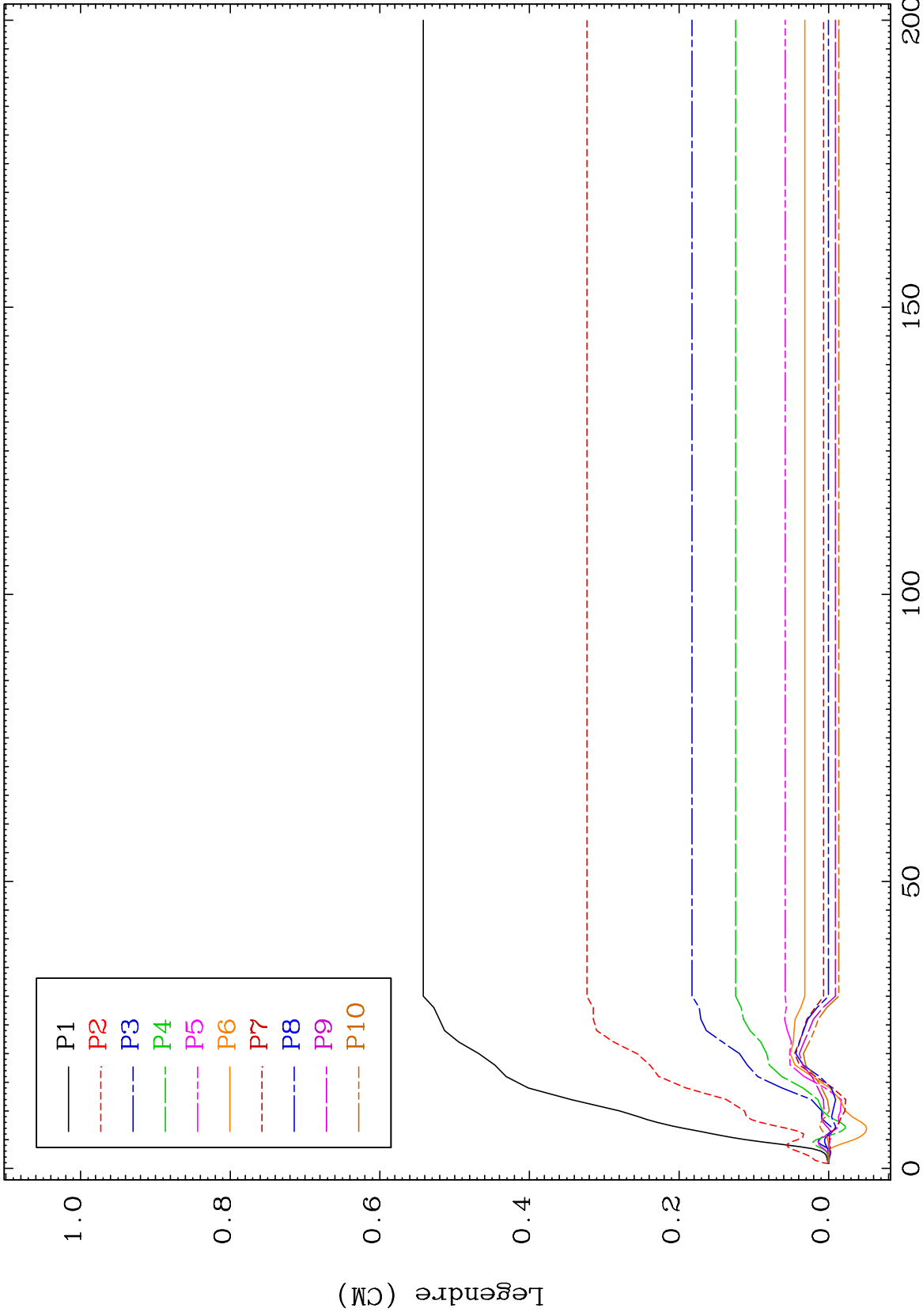
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



61

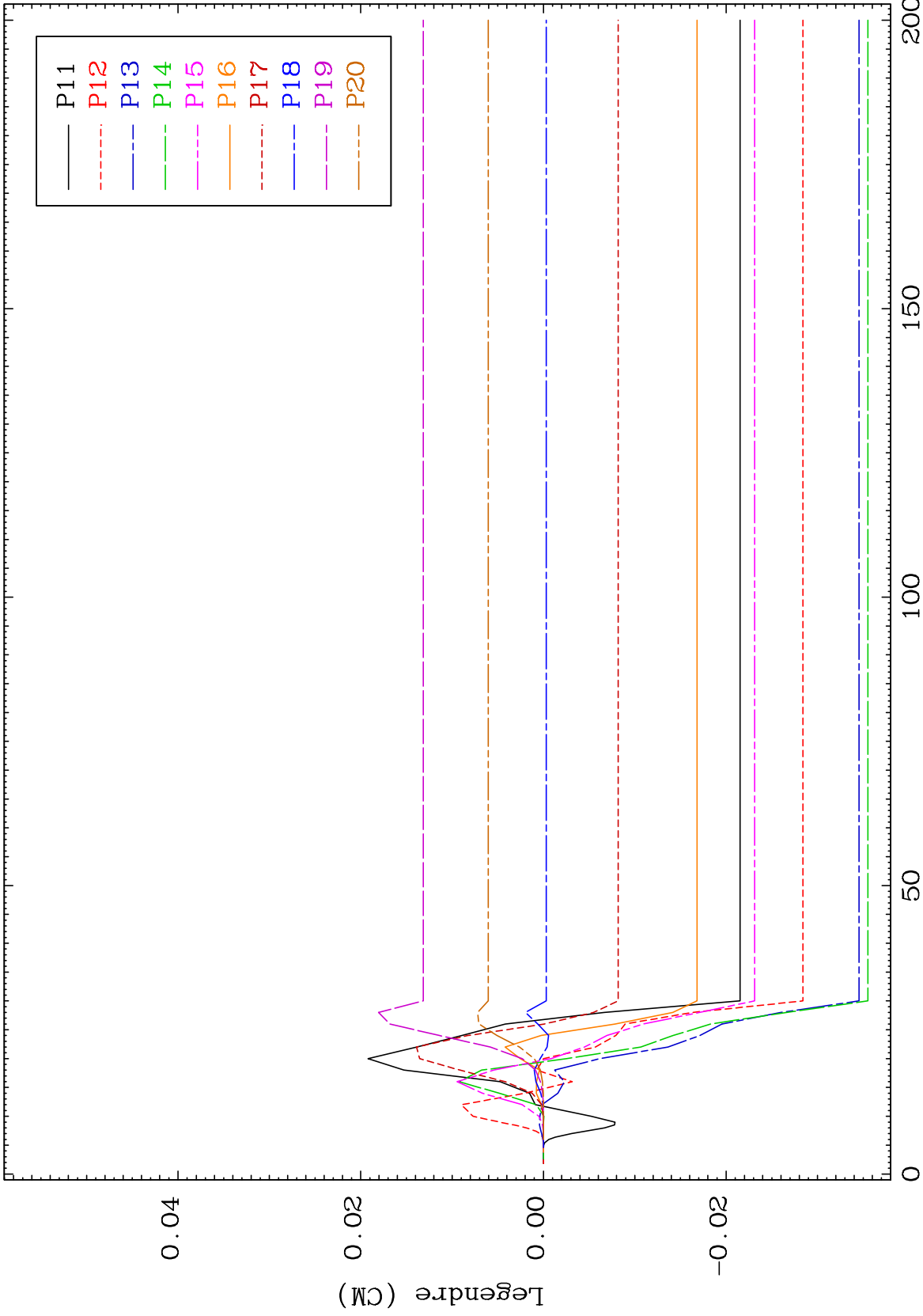
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



62

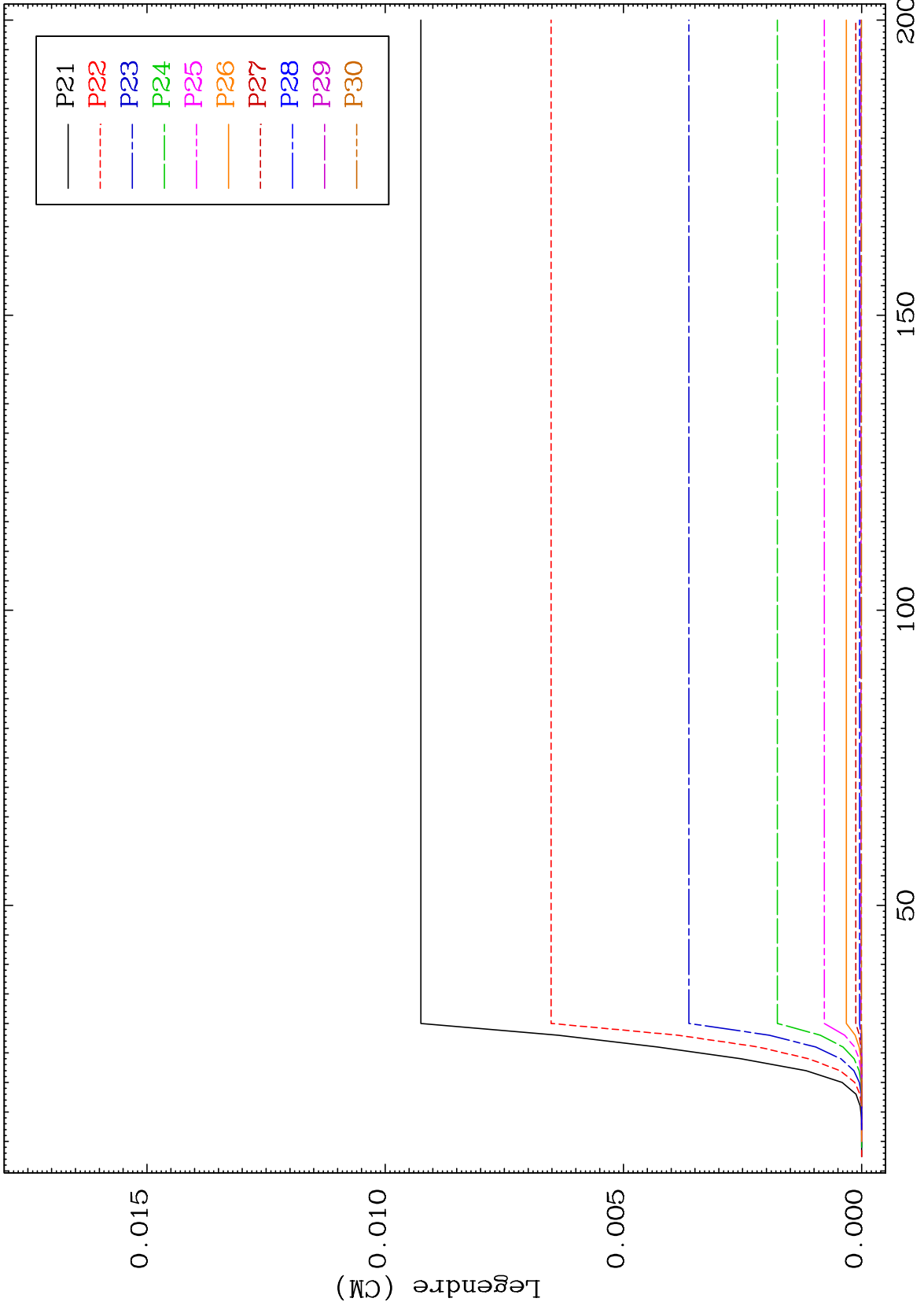
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



63

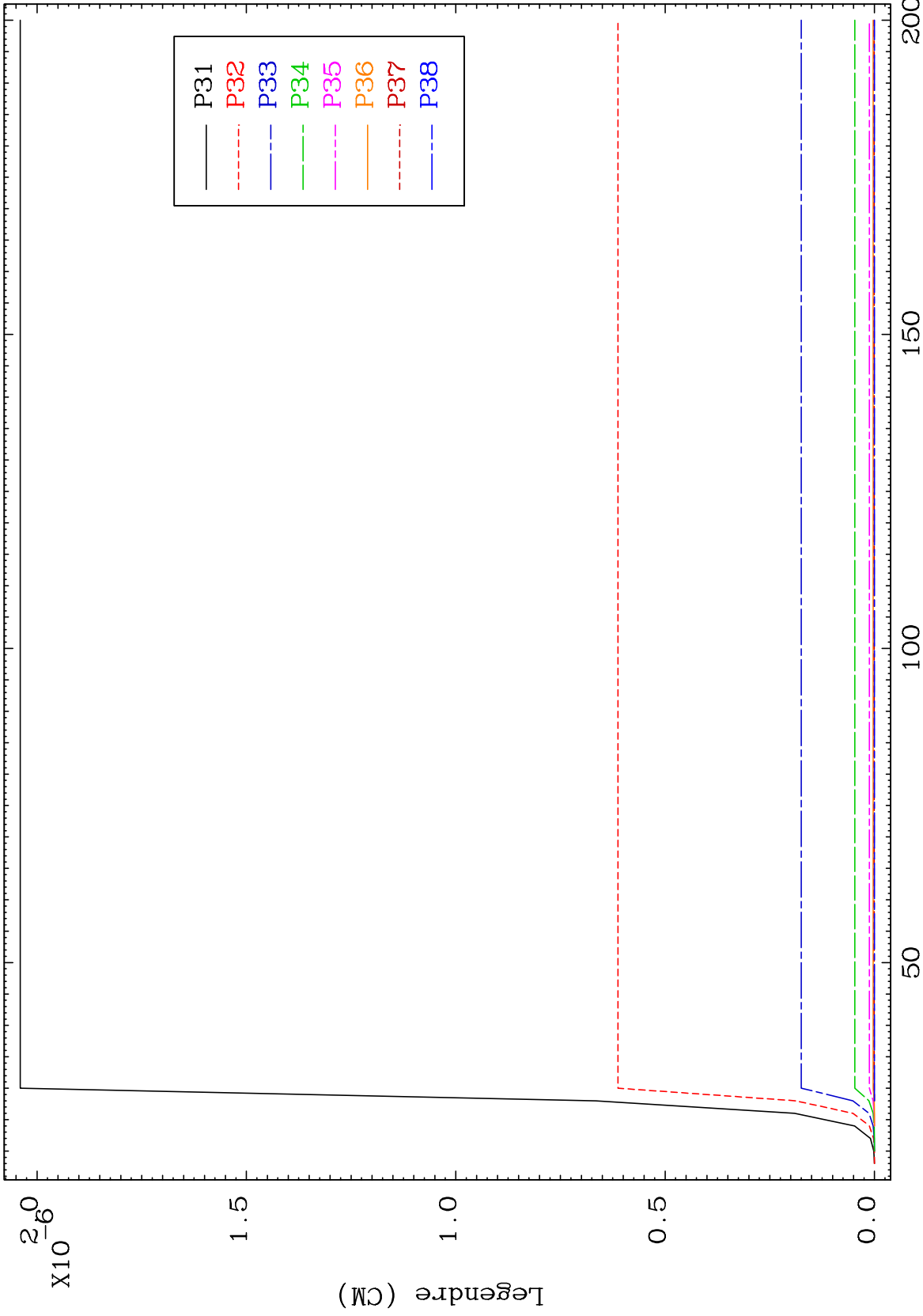
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



64

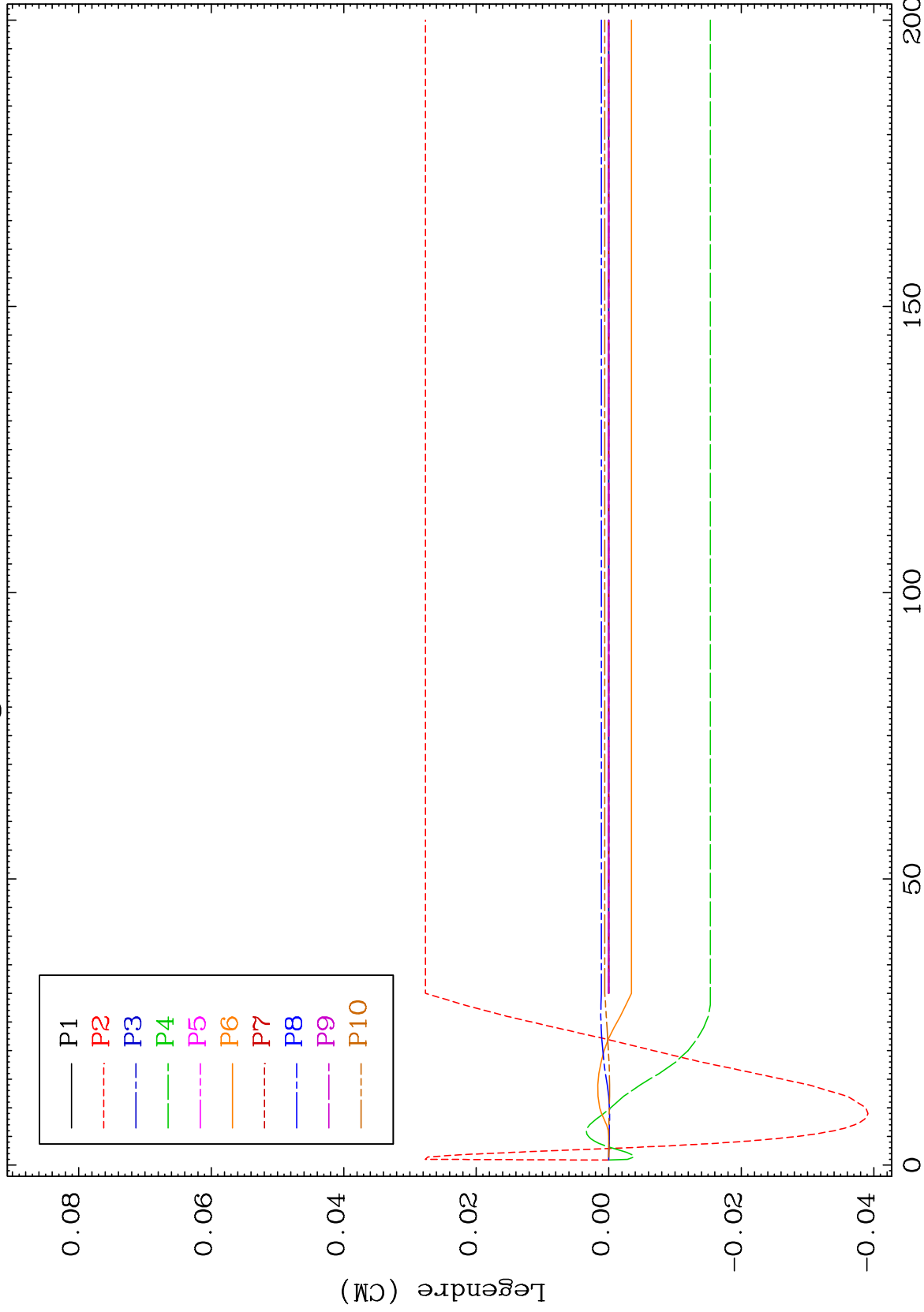
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



65

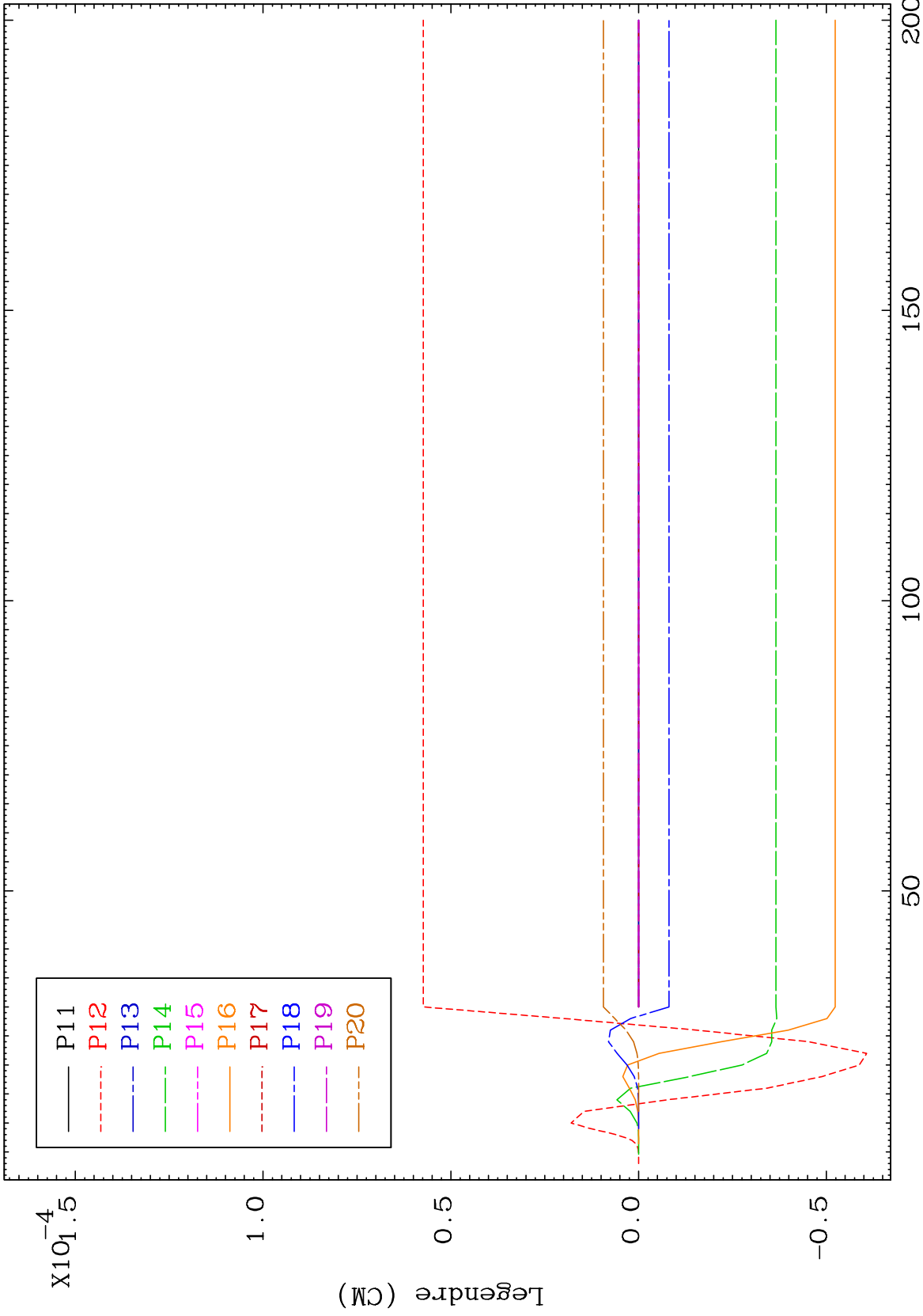
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



66

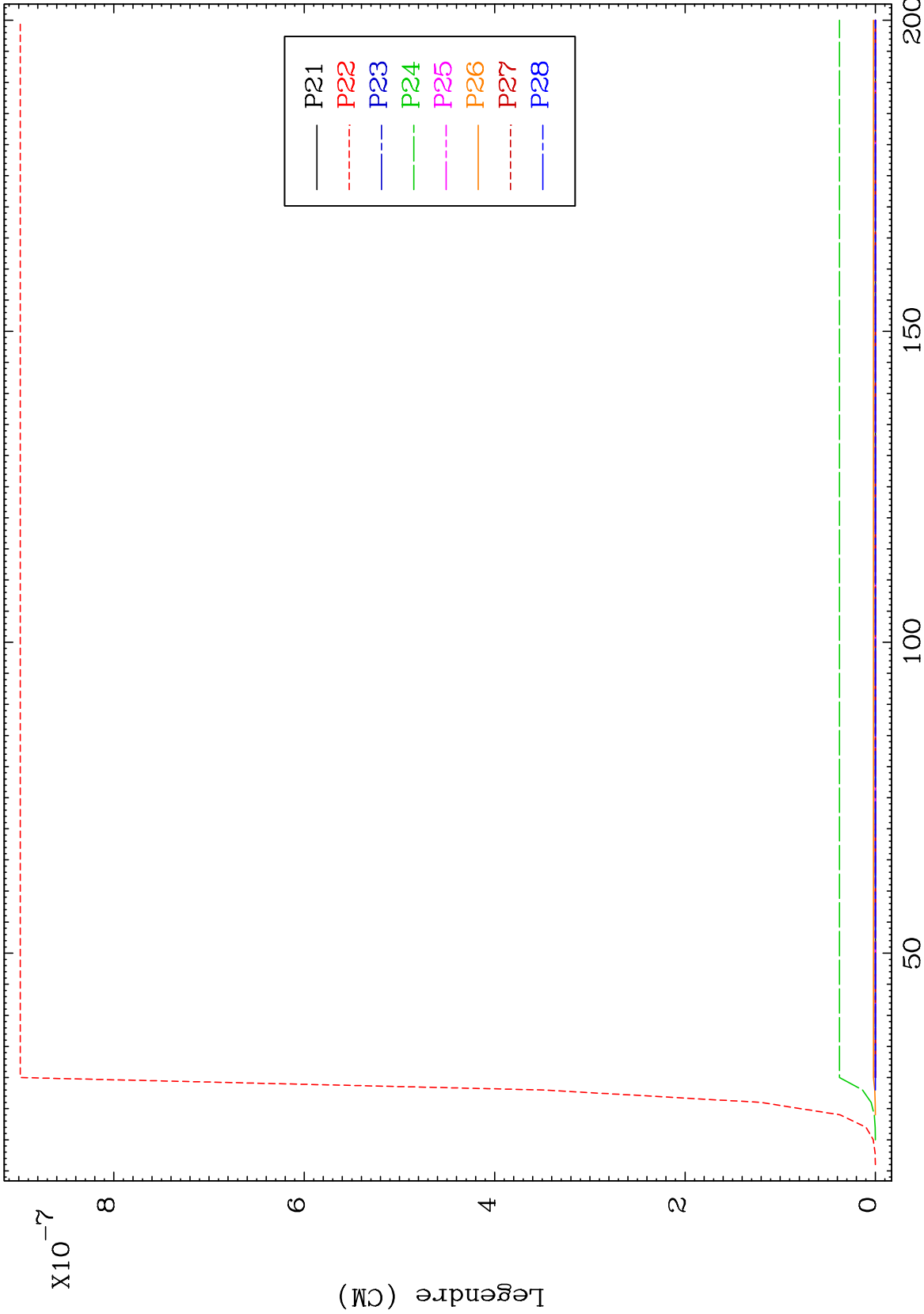
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



67

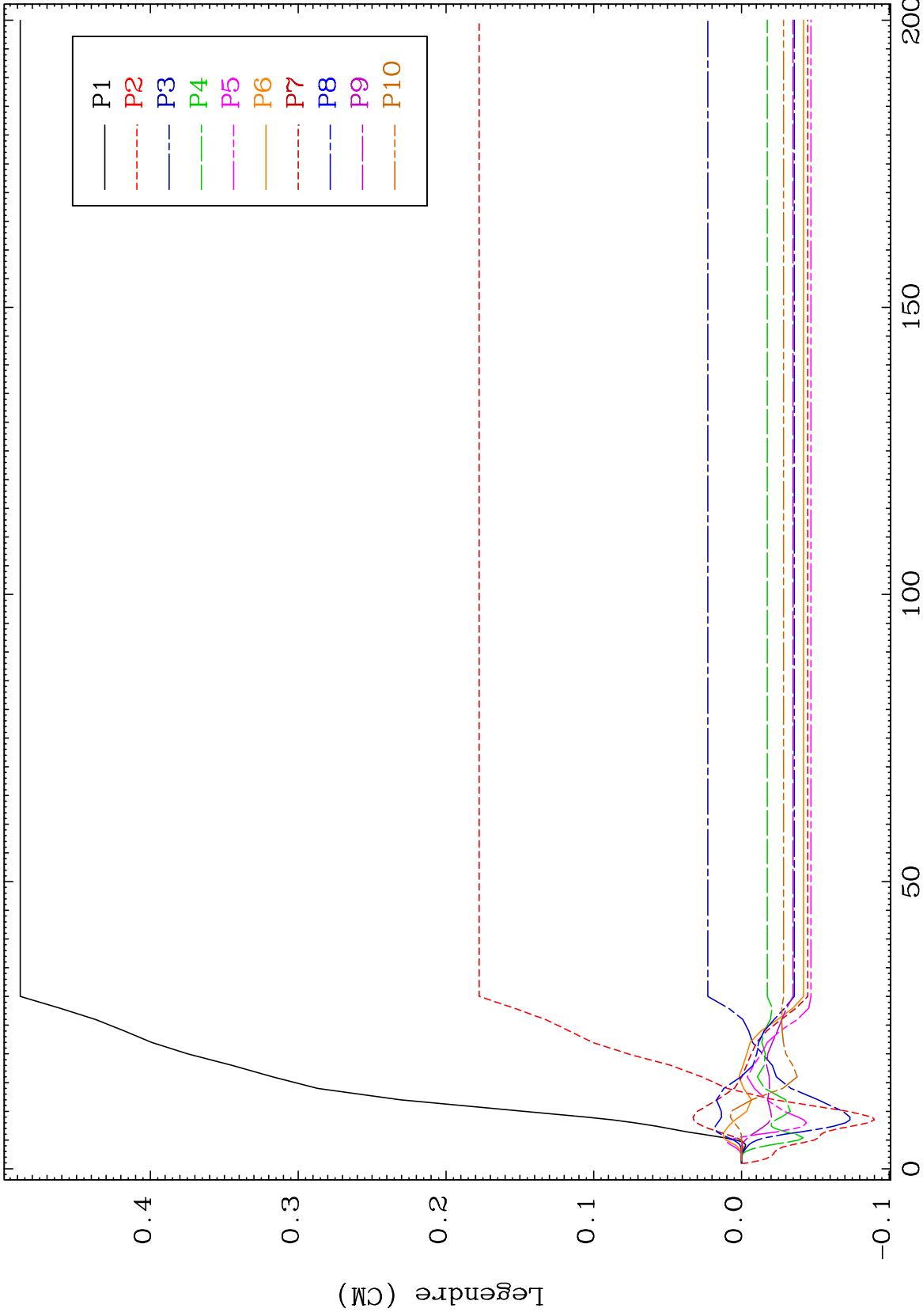
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



68

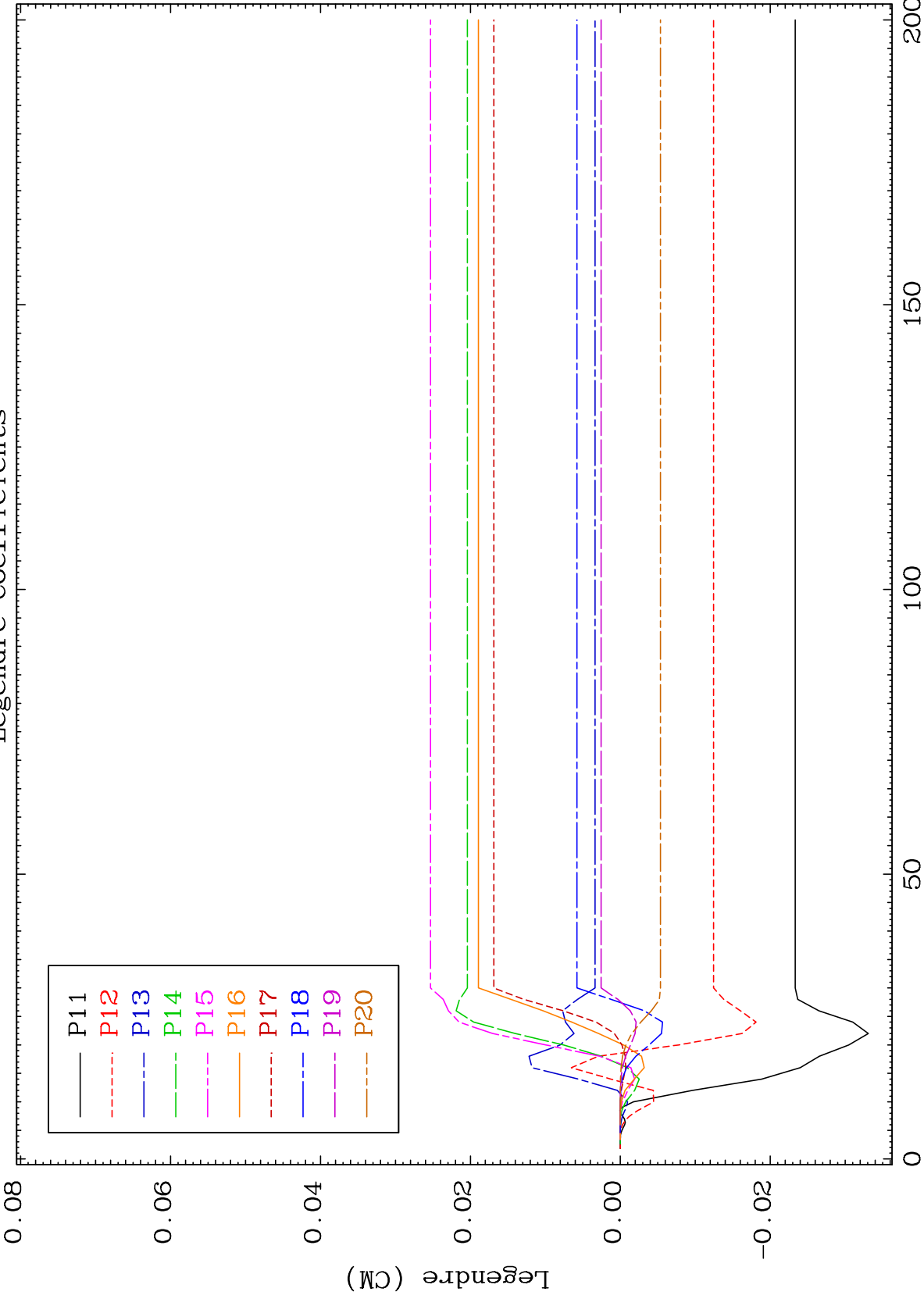
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

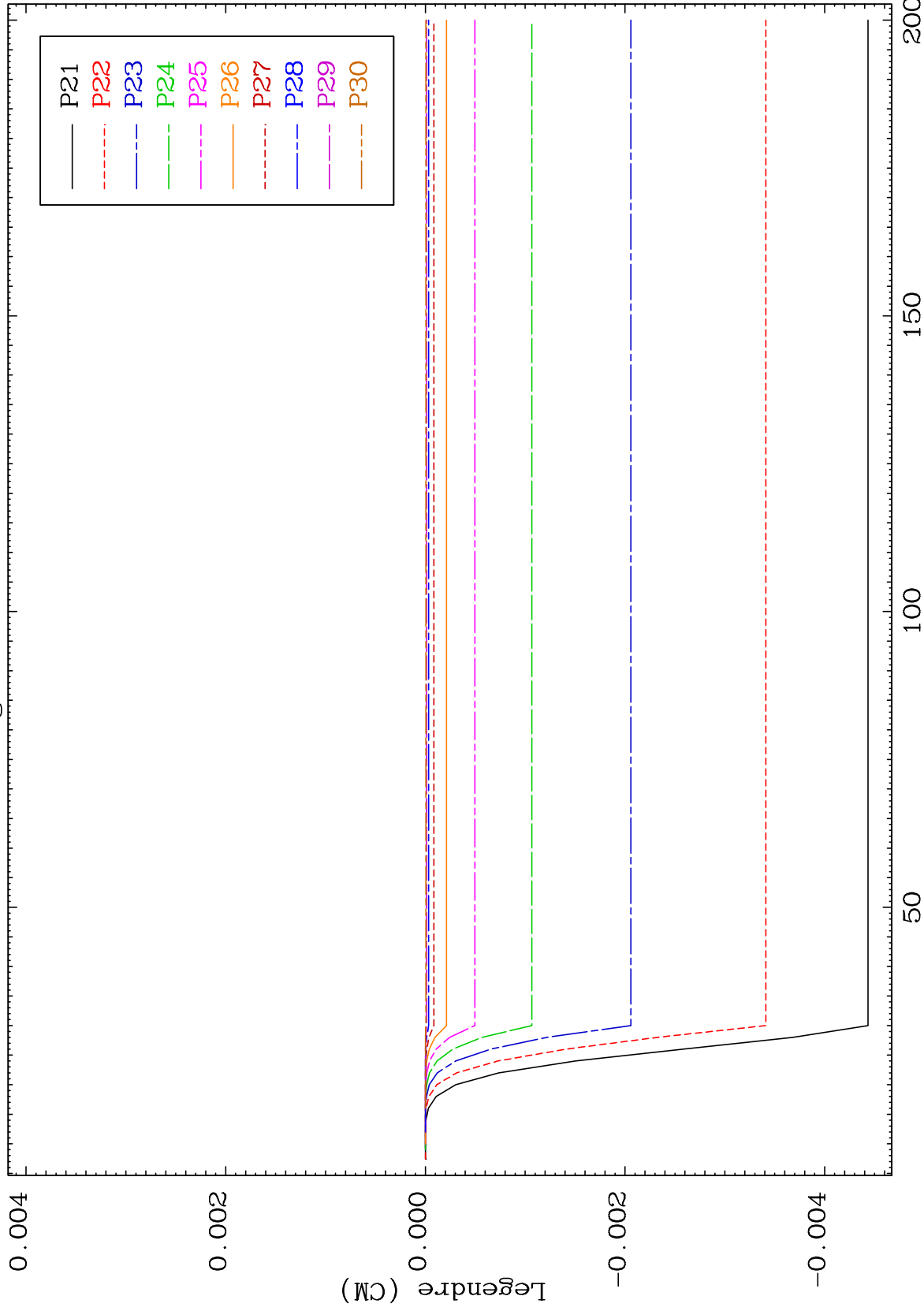
Incident Energy (MeV)

69

MAT 7913

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

79-Au-193



70

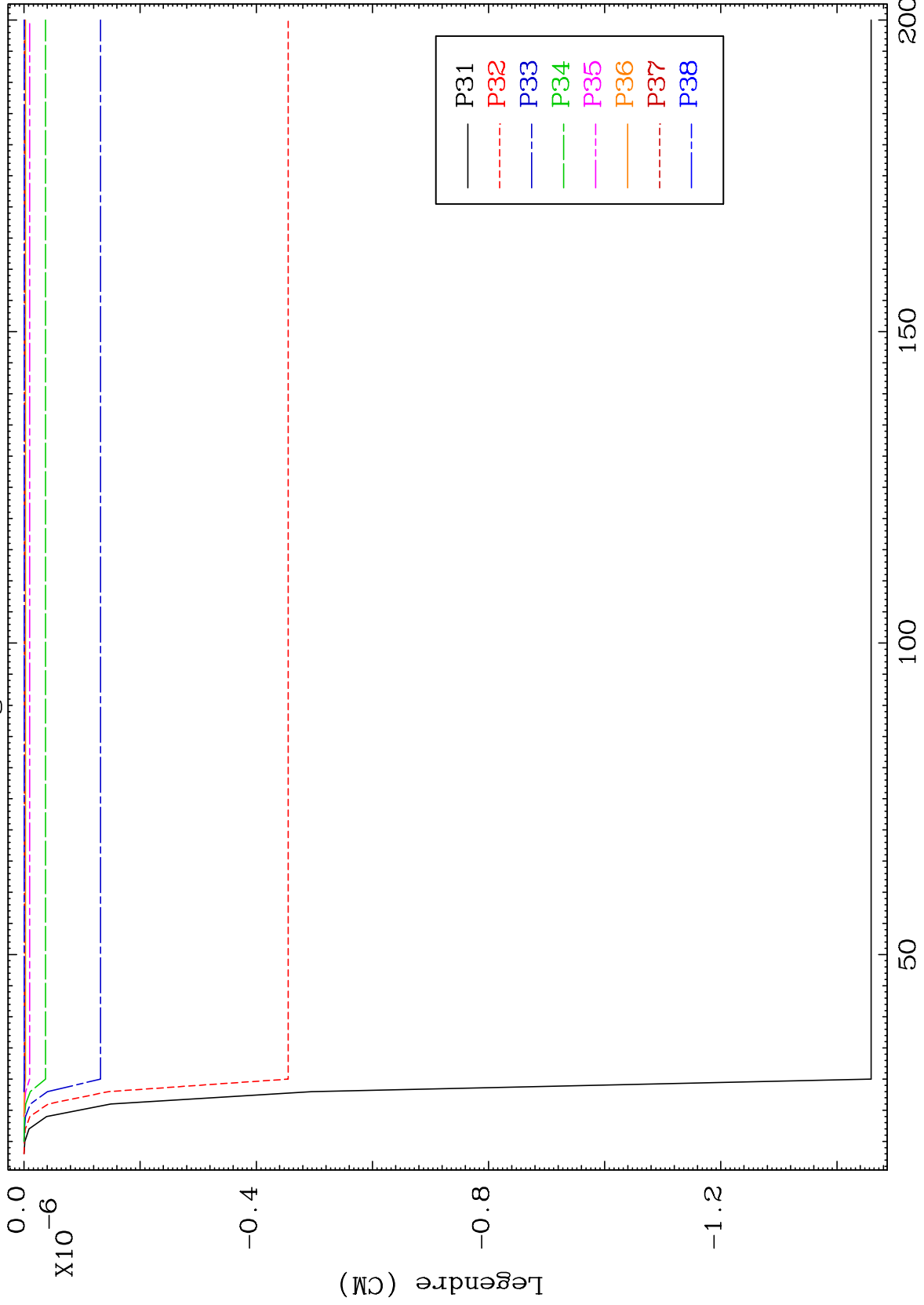
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

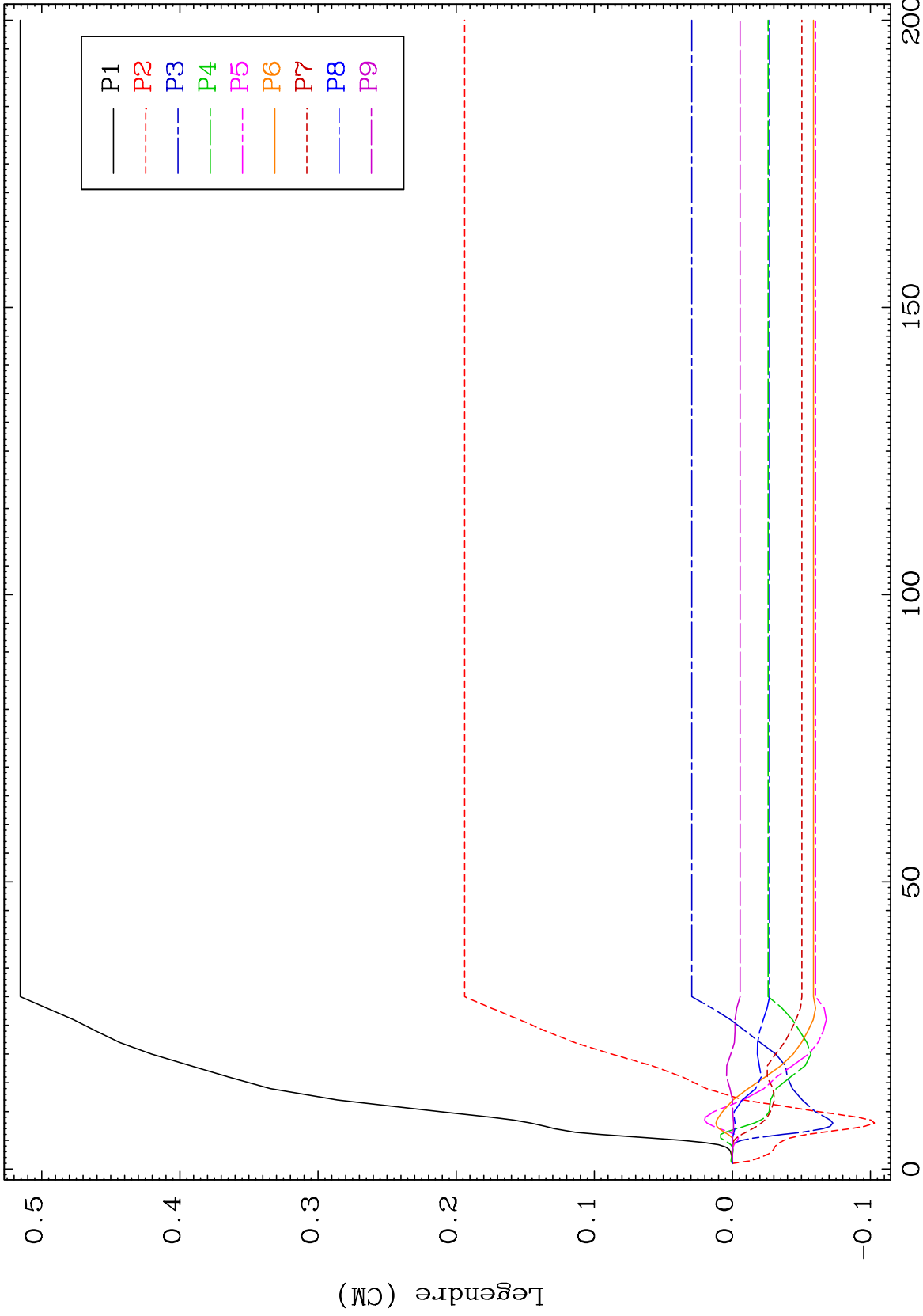
Incident Energy (MeV)

71

MAT 7913

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

79-Au-193



72

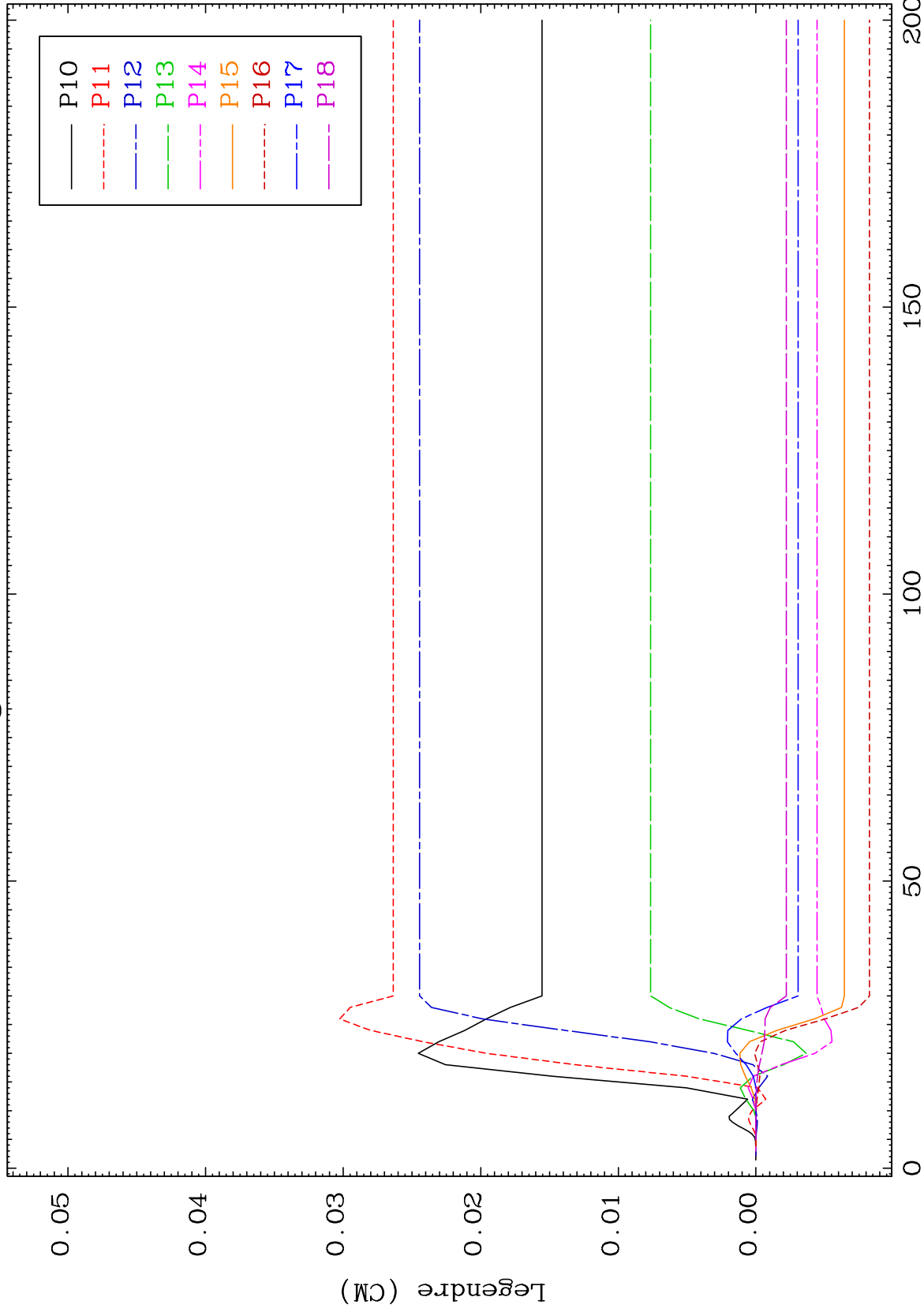
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



73

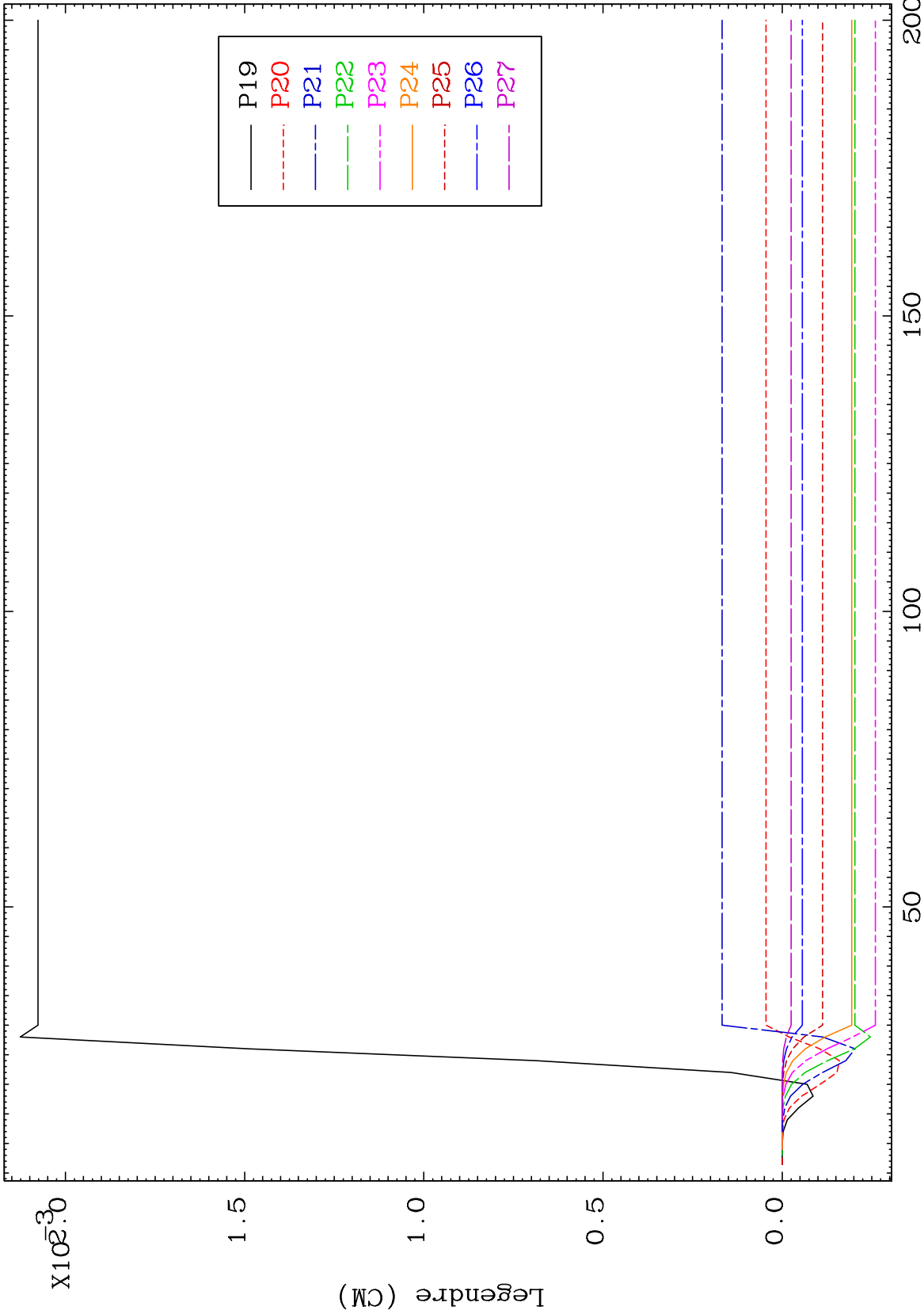
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



74

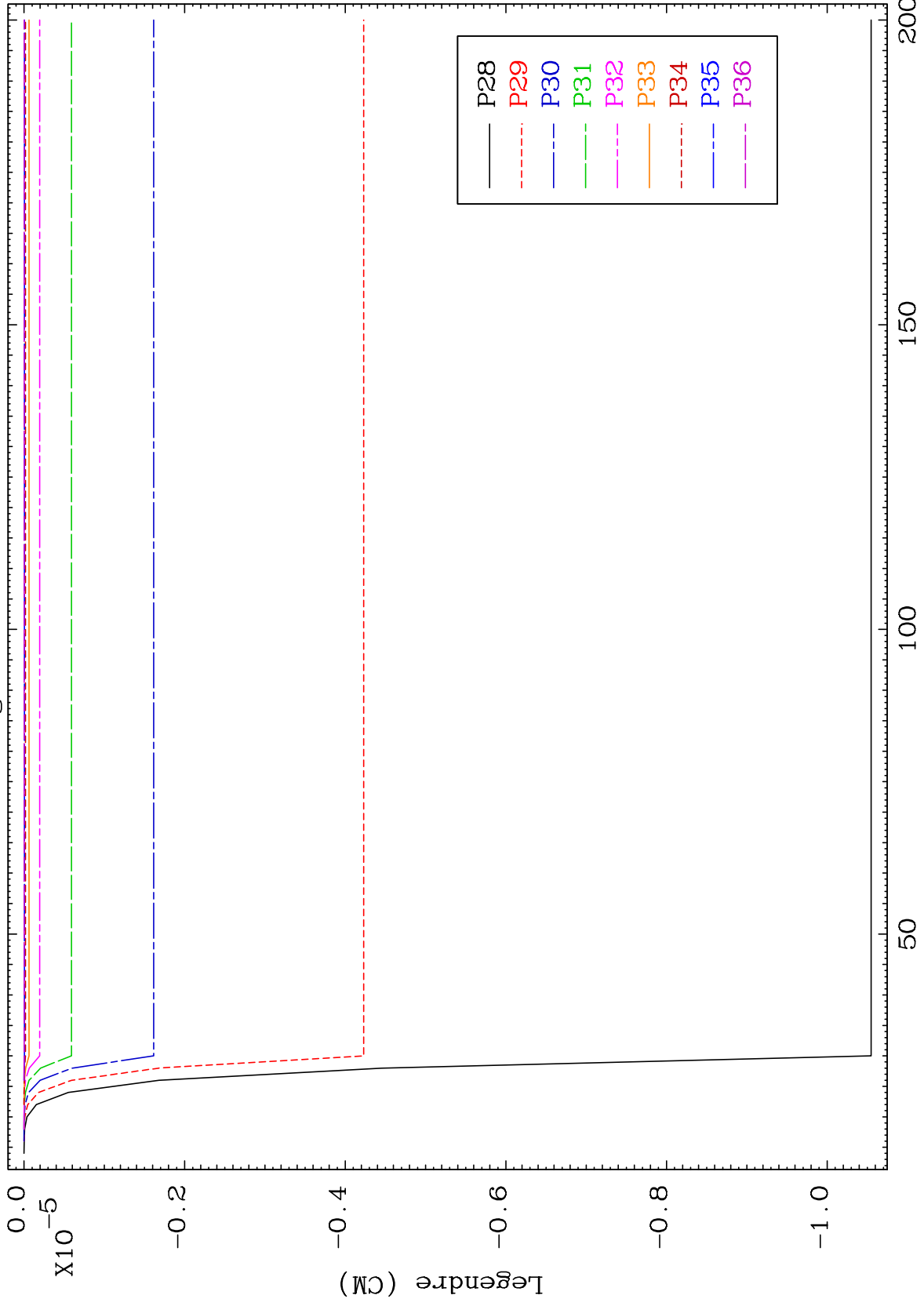
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

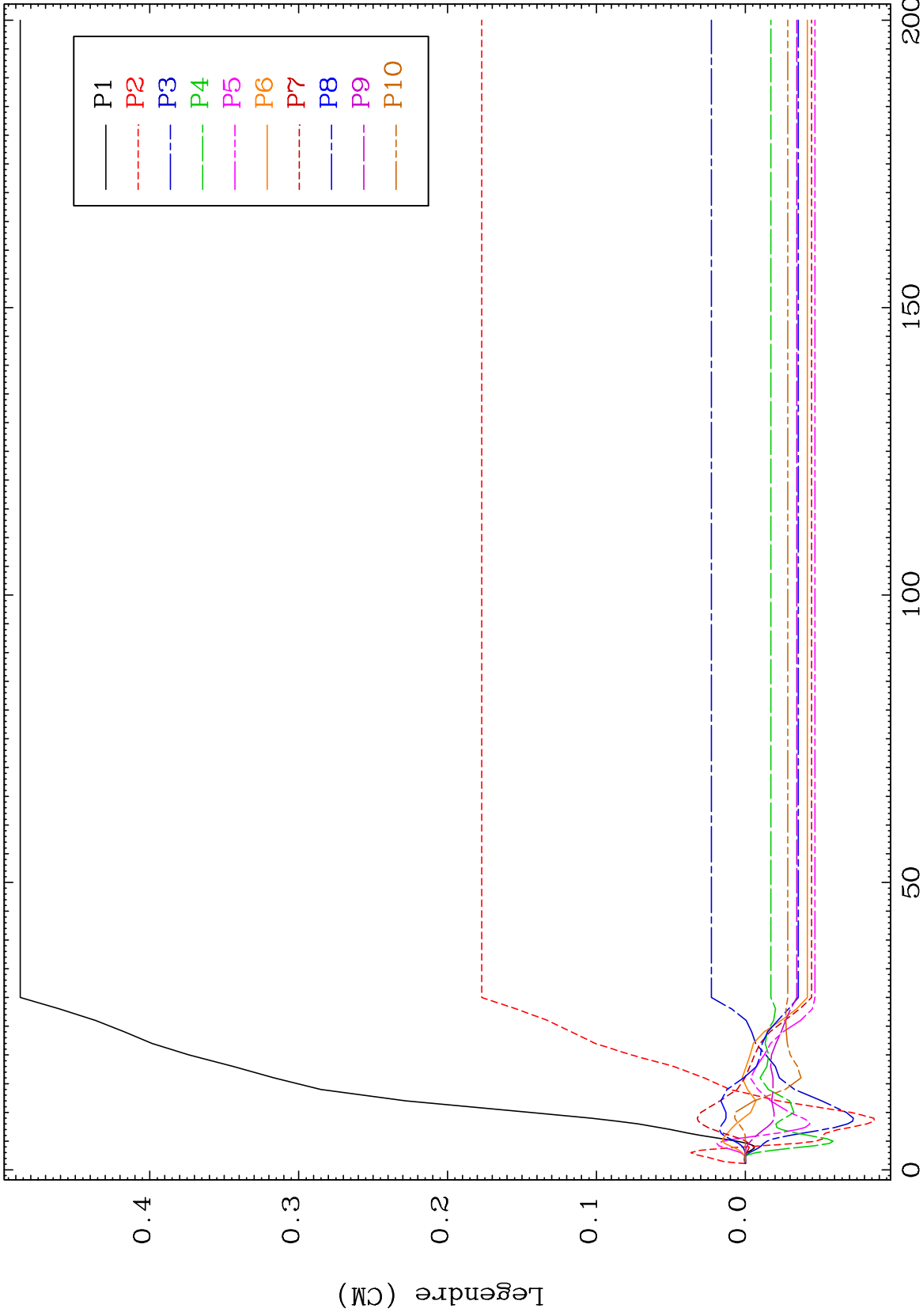
Incident Energy (MeV)

75

MAT 7913

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

79-Au-193



76

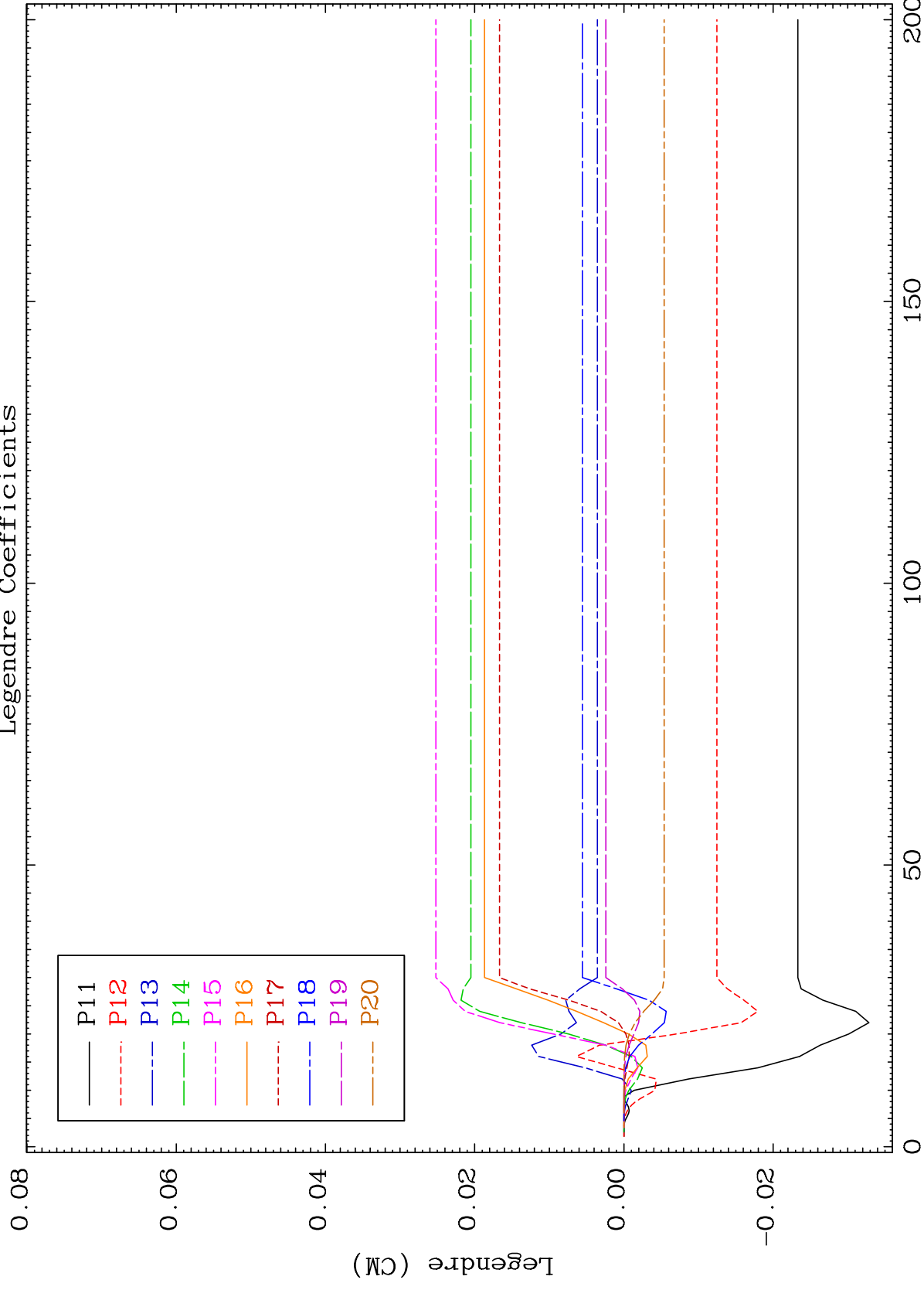
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

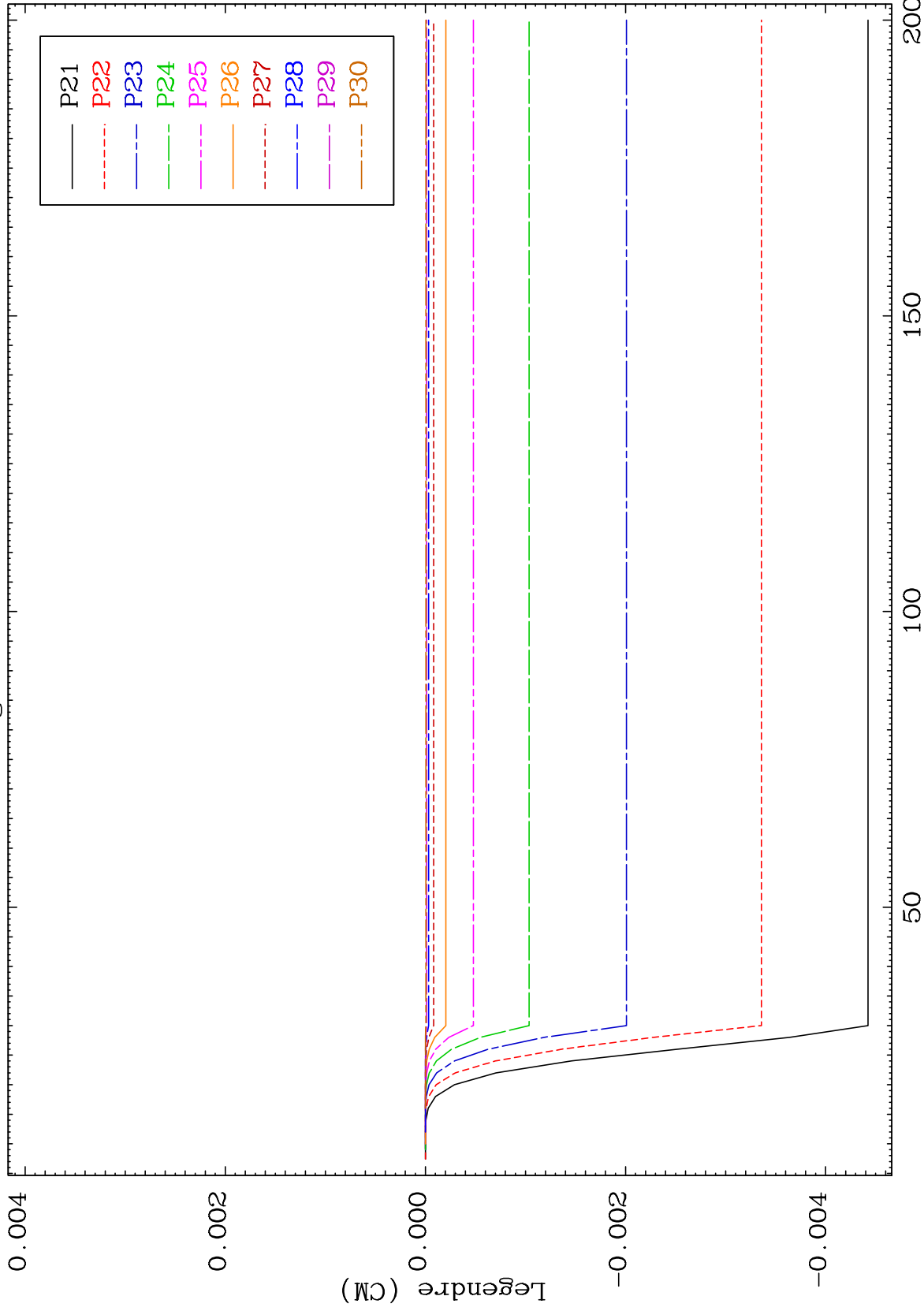
Incident Energy (MeV)

77

MAT 7913

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

79-Au-193



78

Incident Energy (MeV)

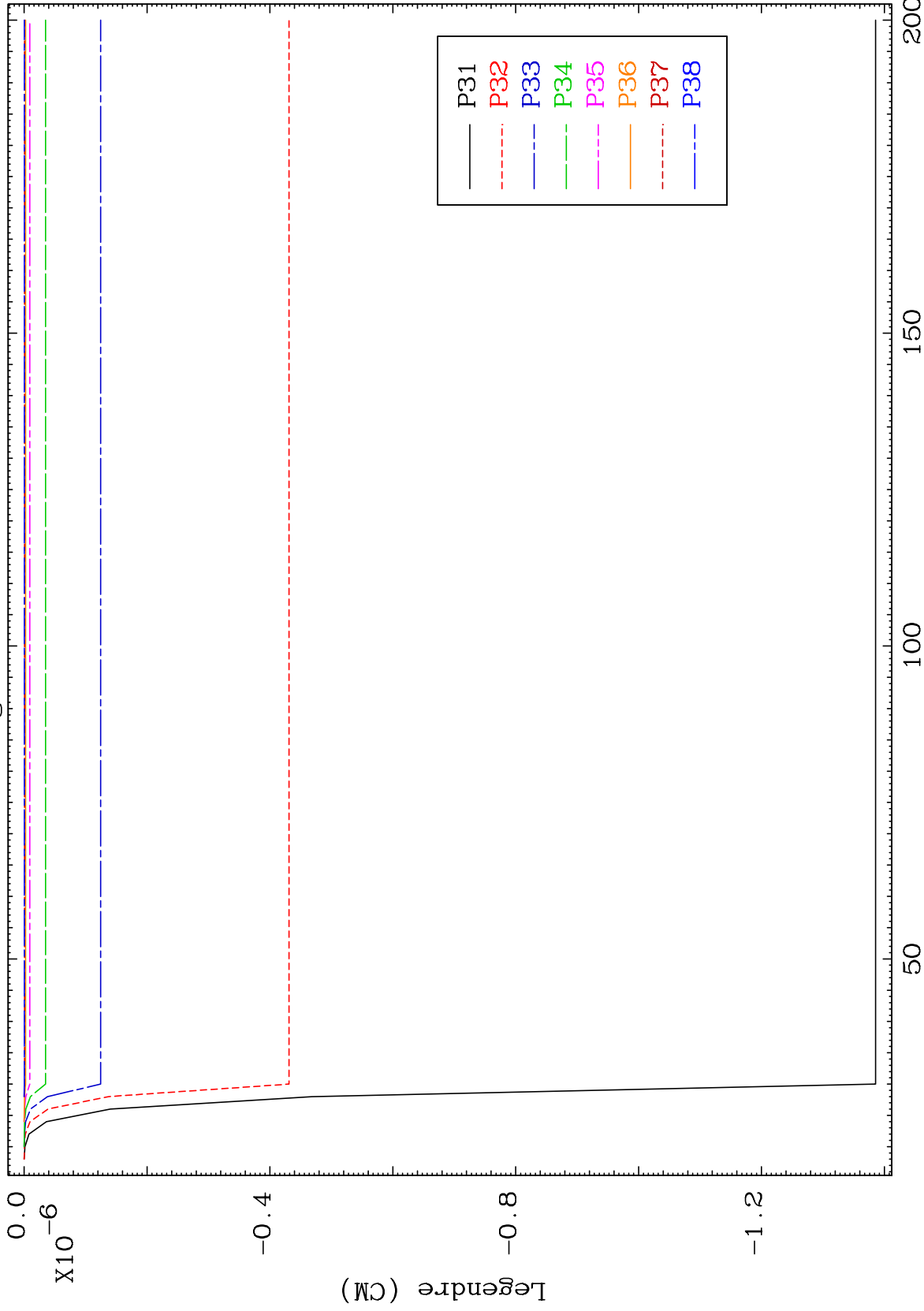
79-Au-193

MAT 7913

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

79-Au-193

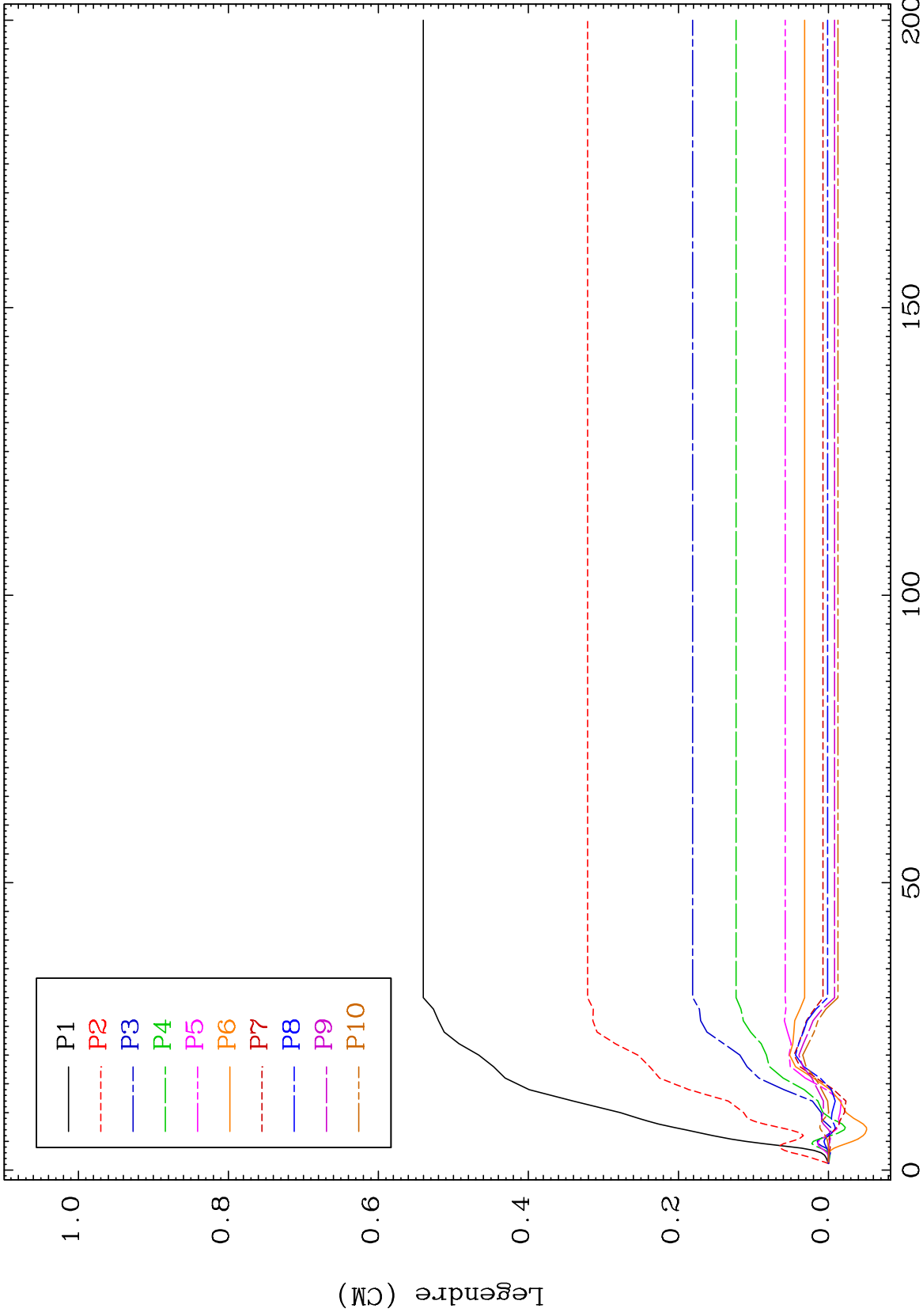
79-Au-193



MAT 7913

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

79-Au-193



80

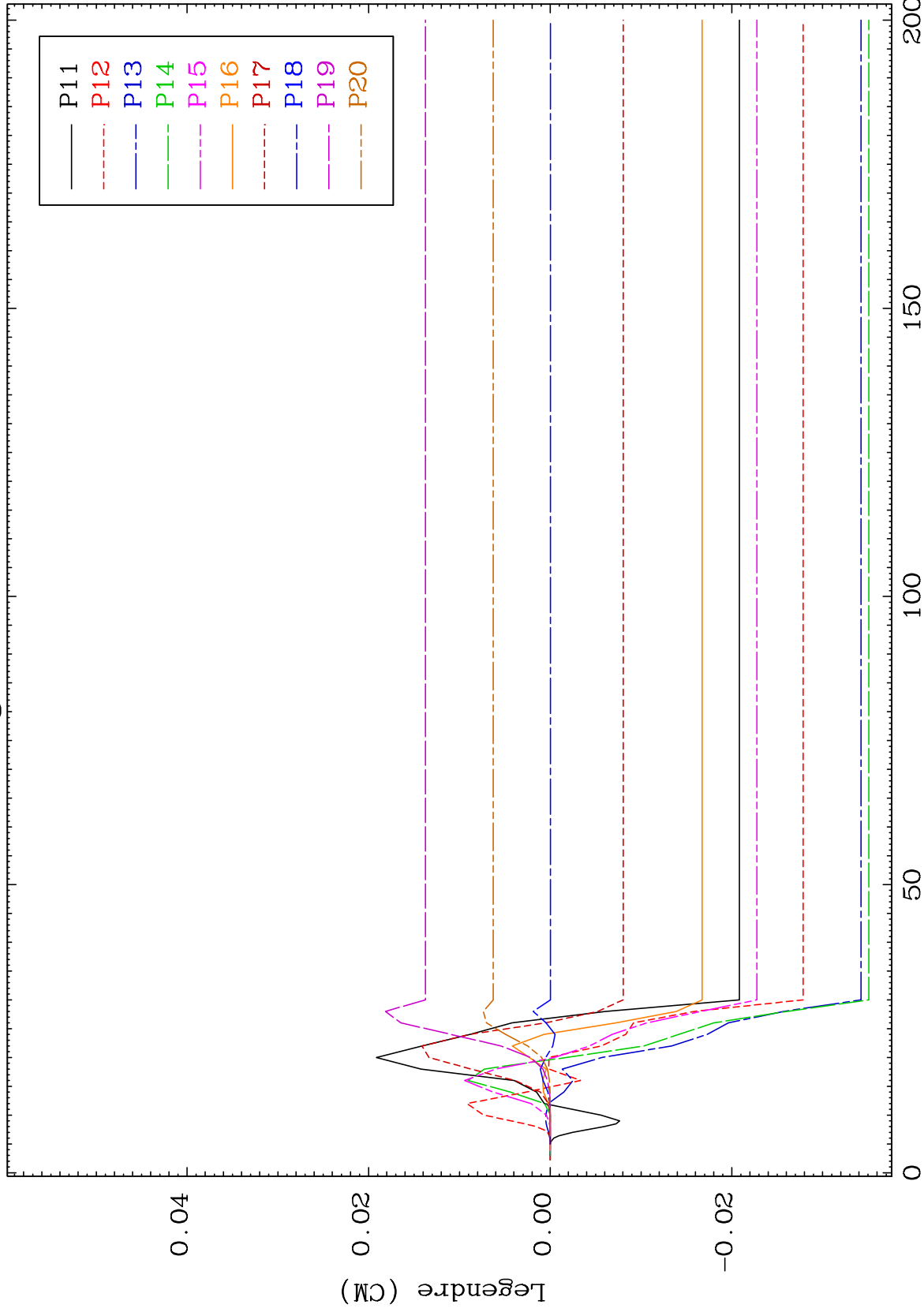
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



81

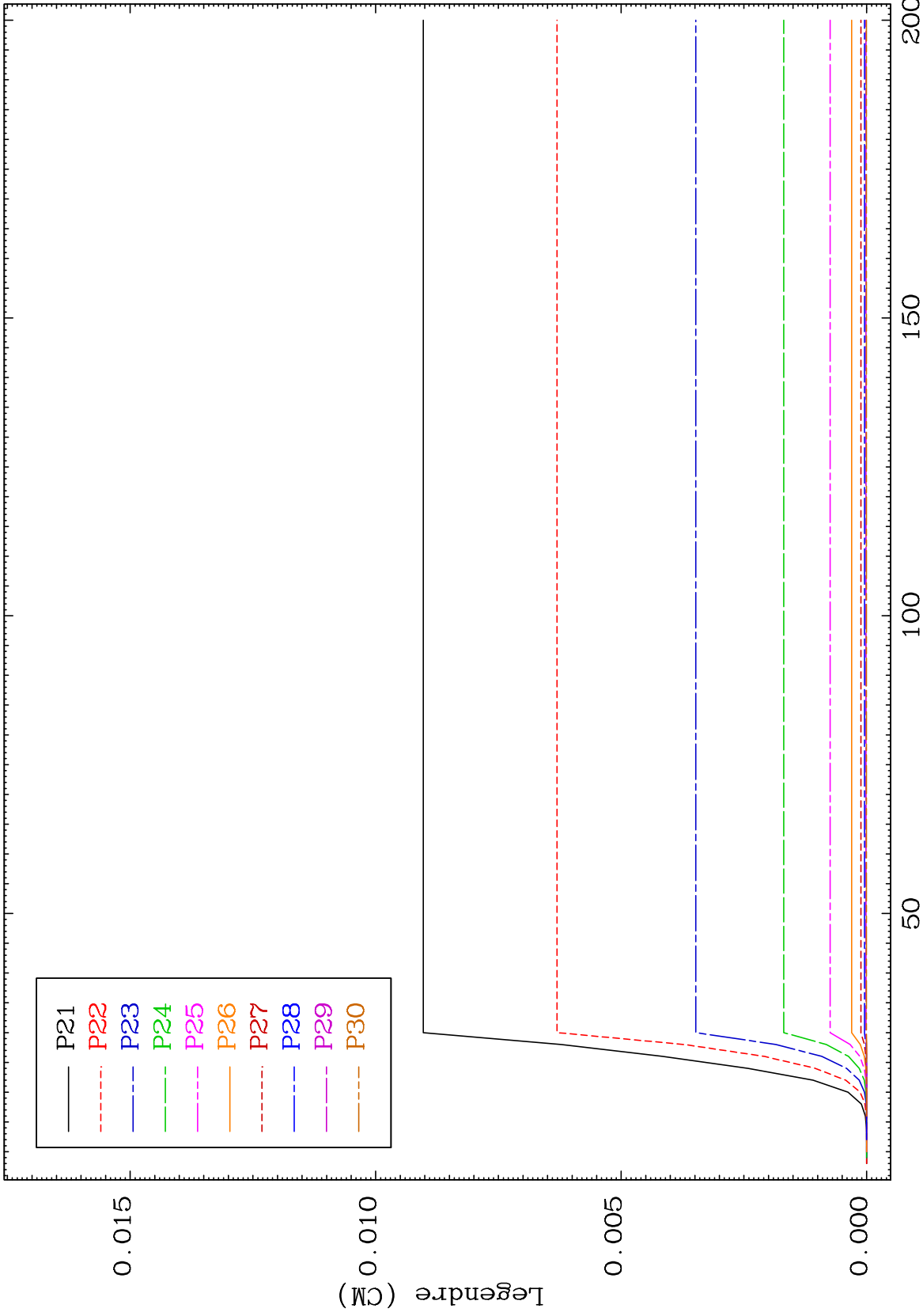
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



82

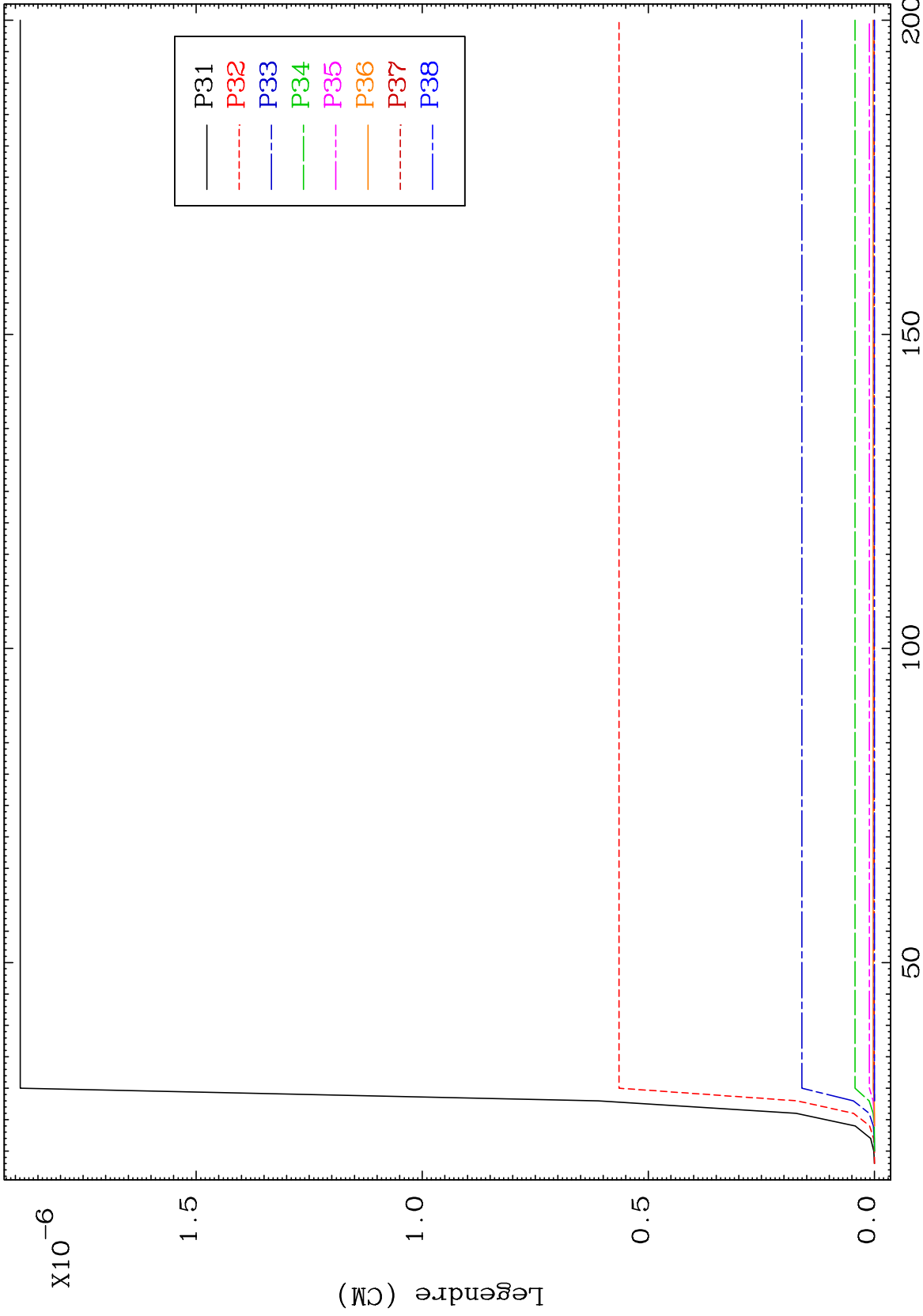
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



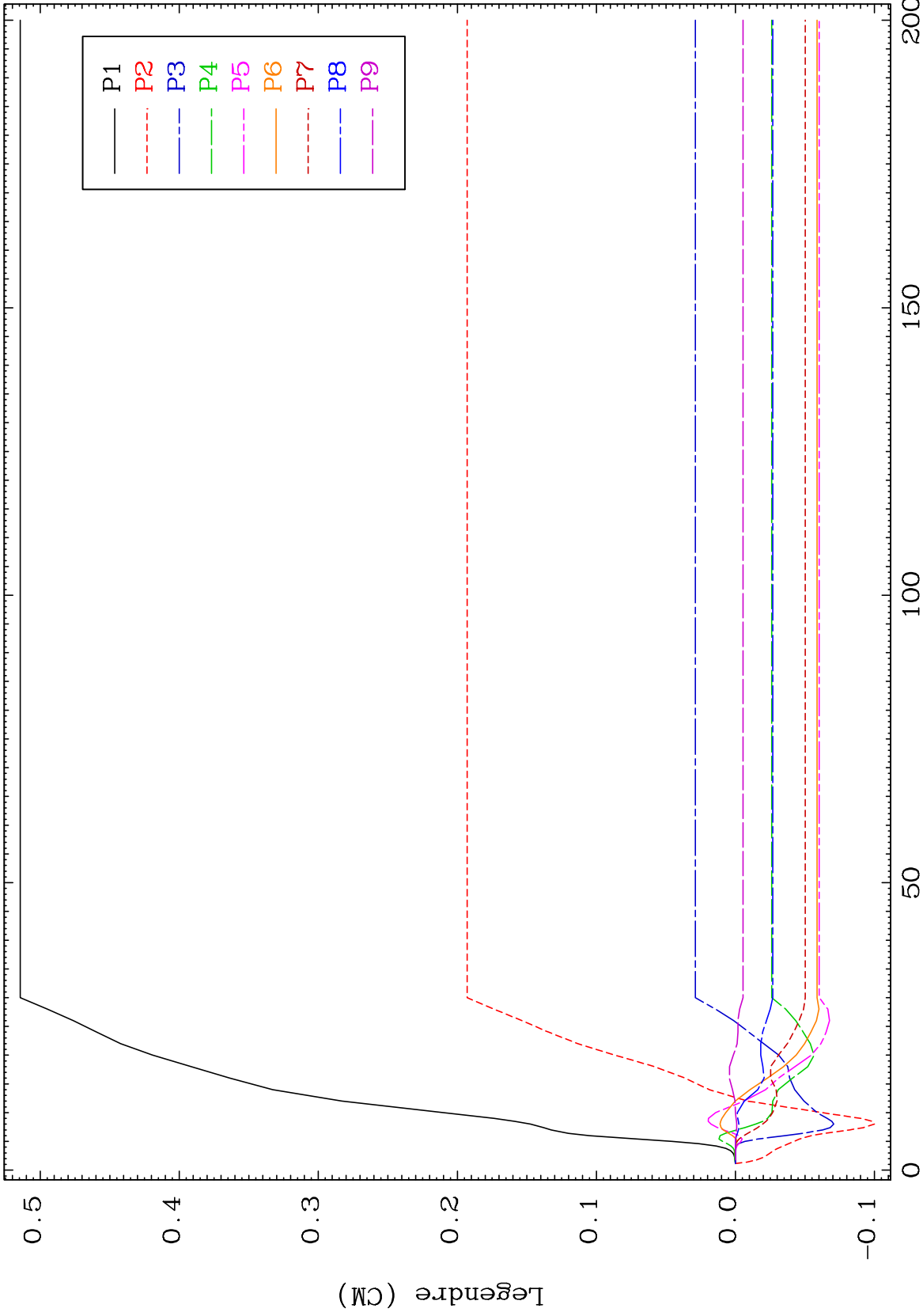
83

79-Au-193

MAT 7913

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

79-Au-193



84

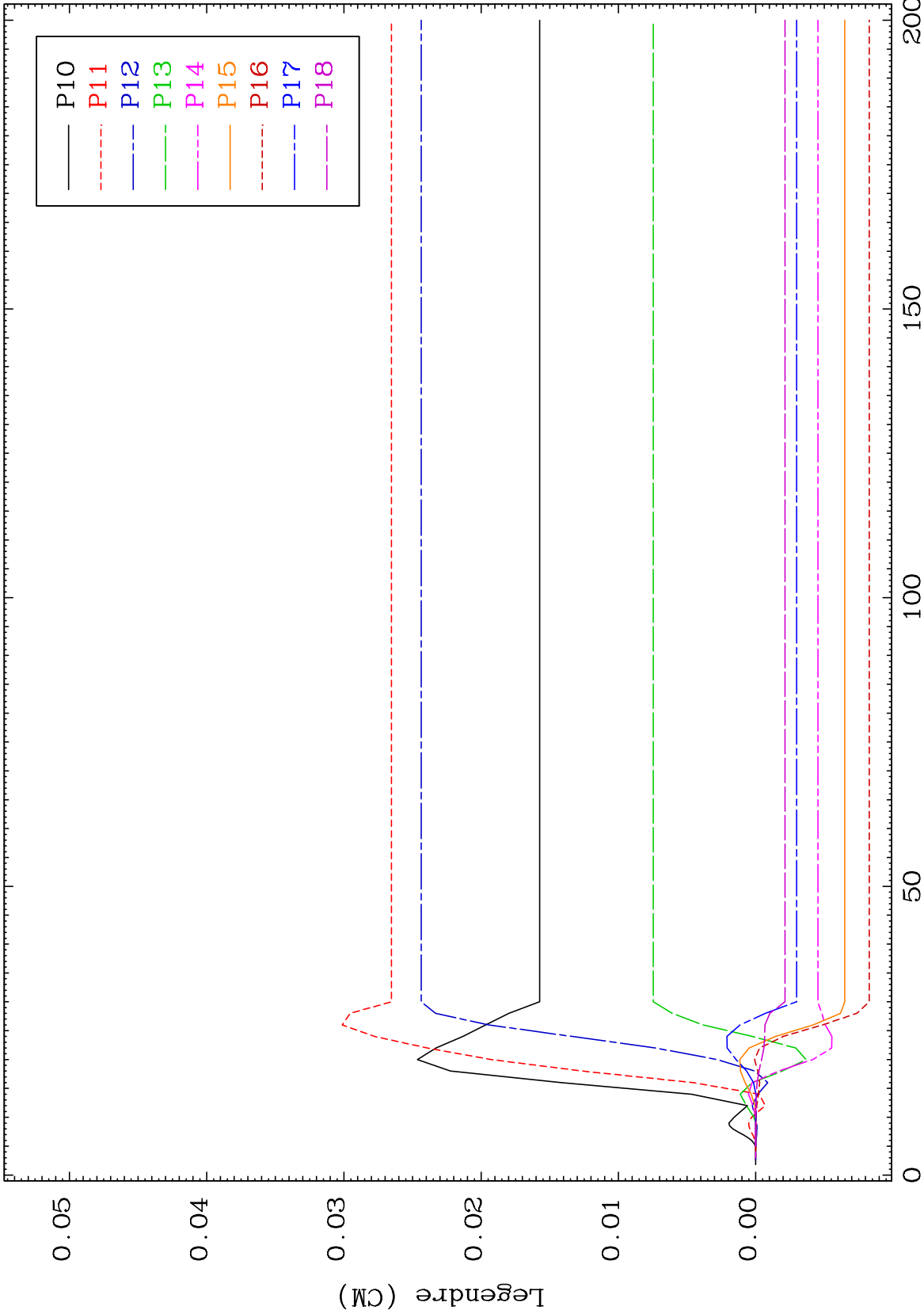
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



85

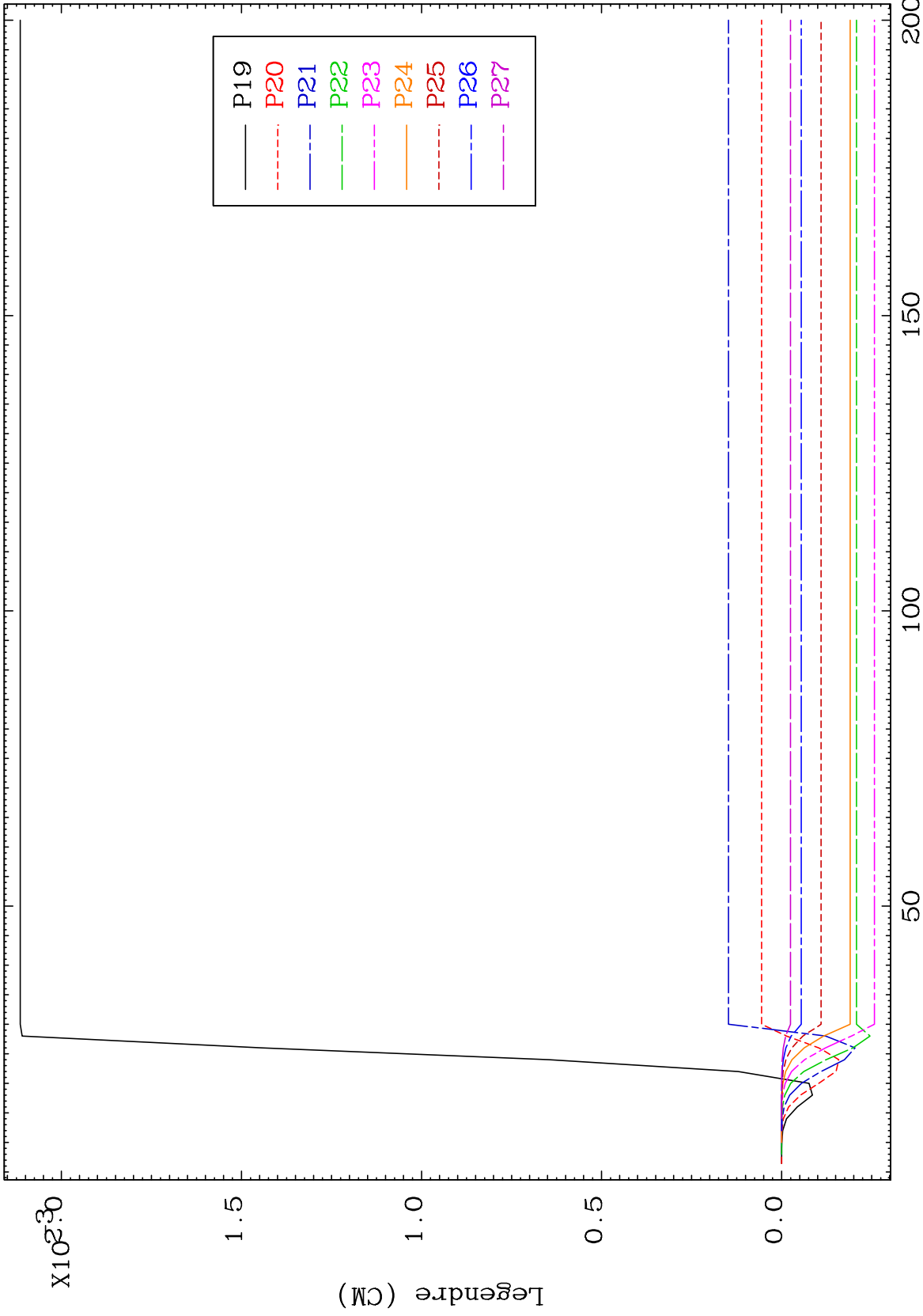
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



86

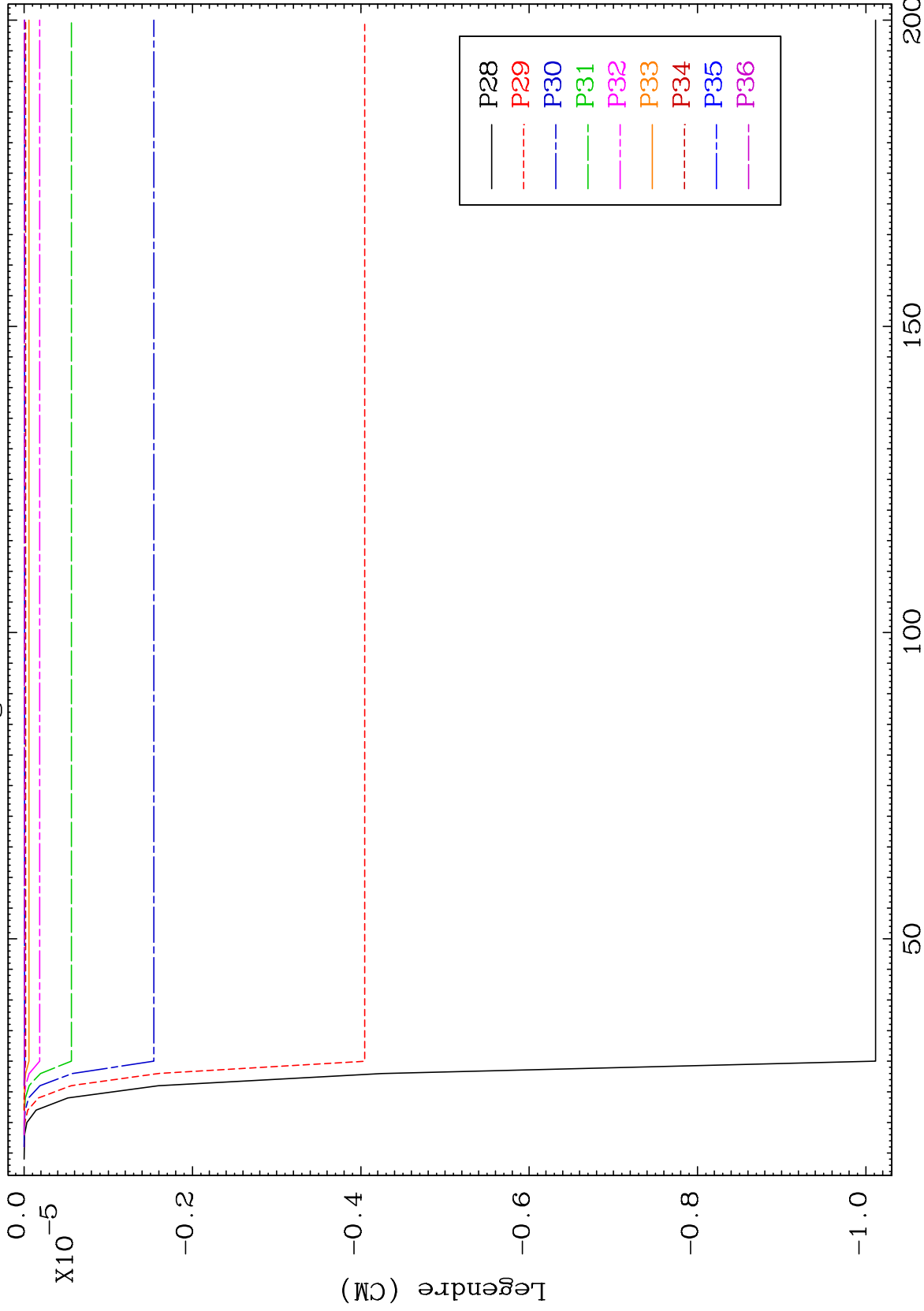
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



87

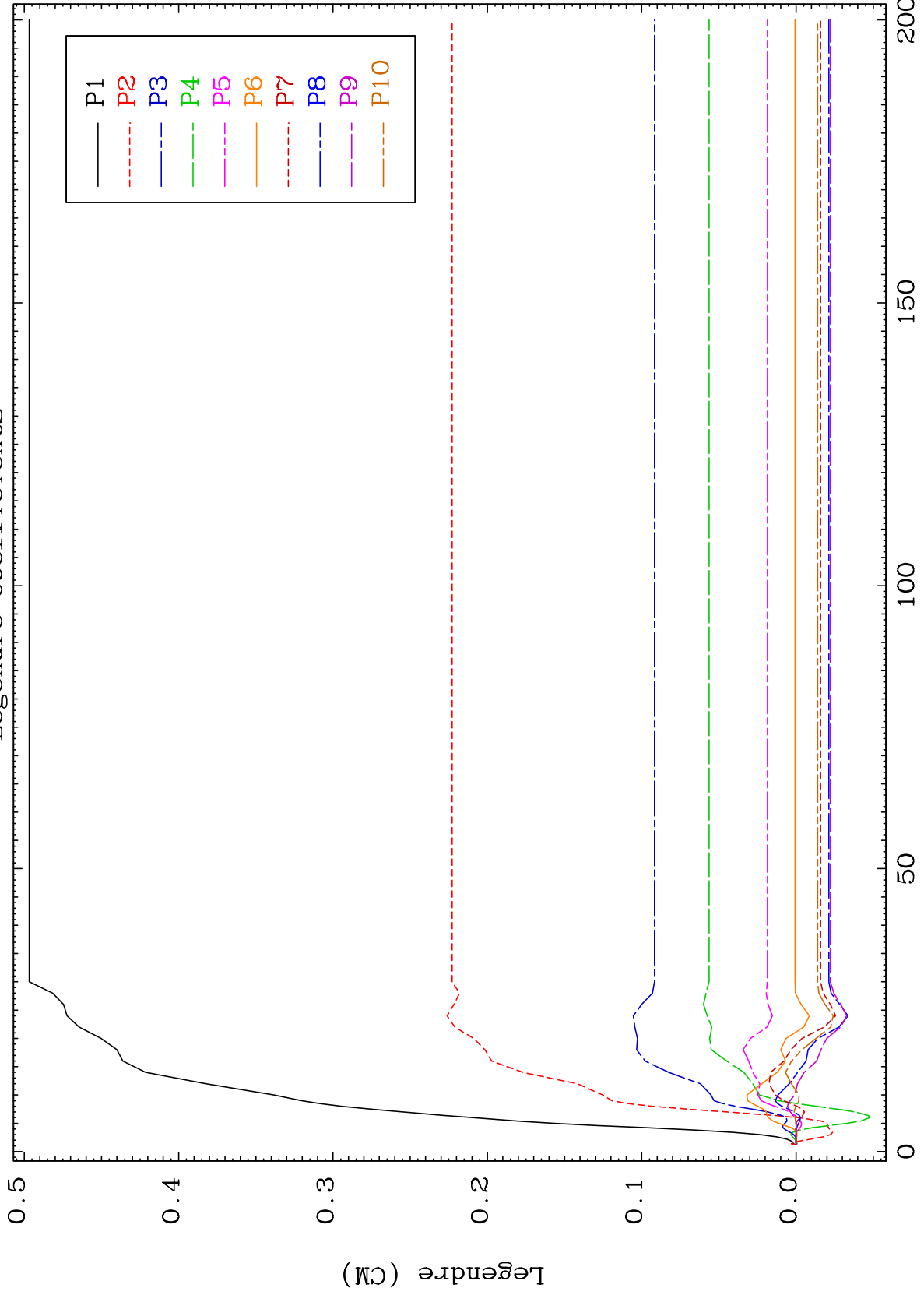
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



88

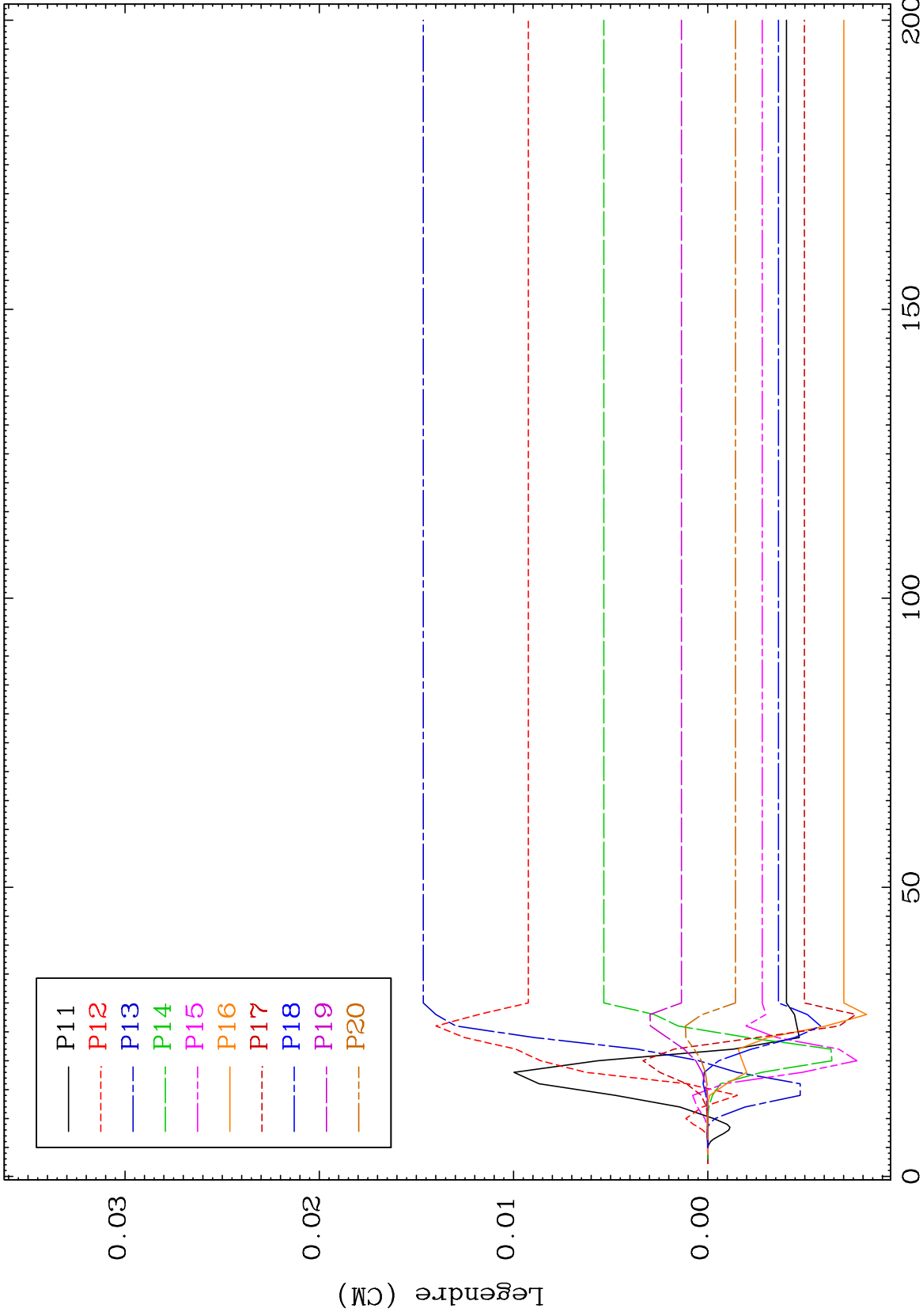
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



89

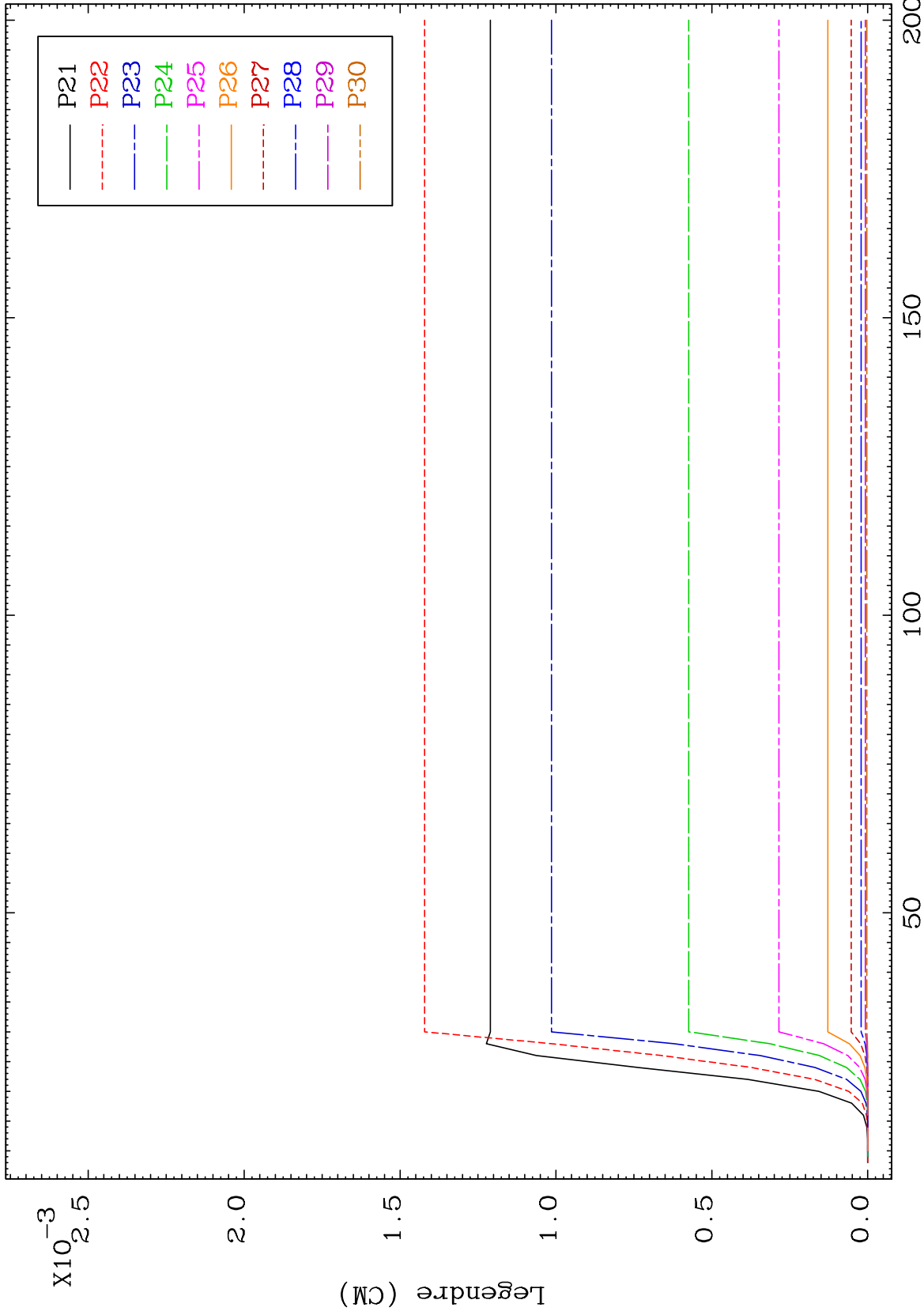
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



90

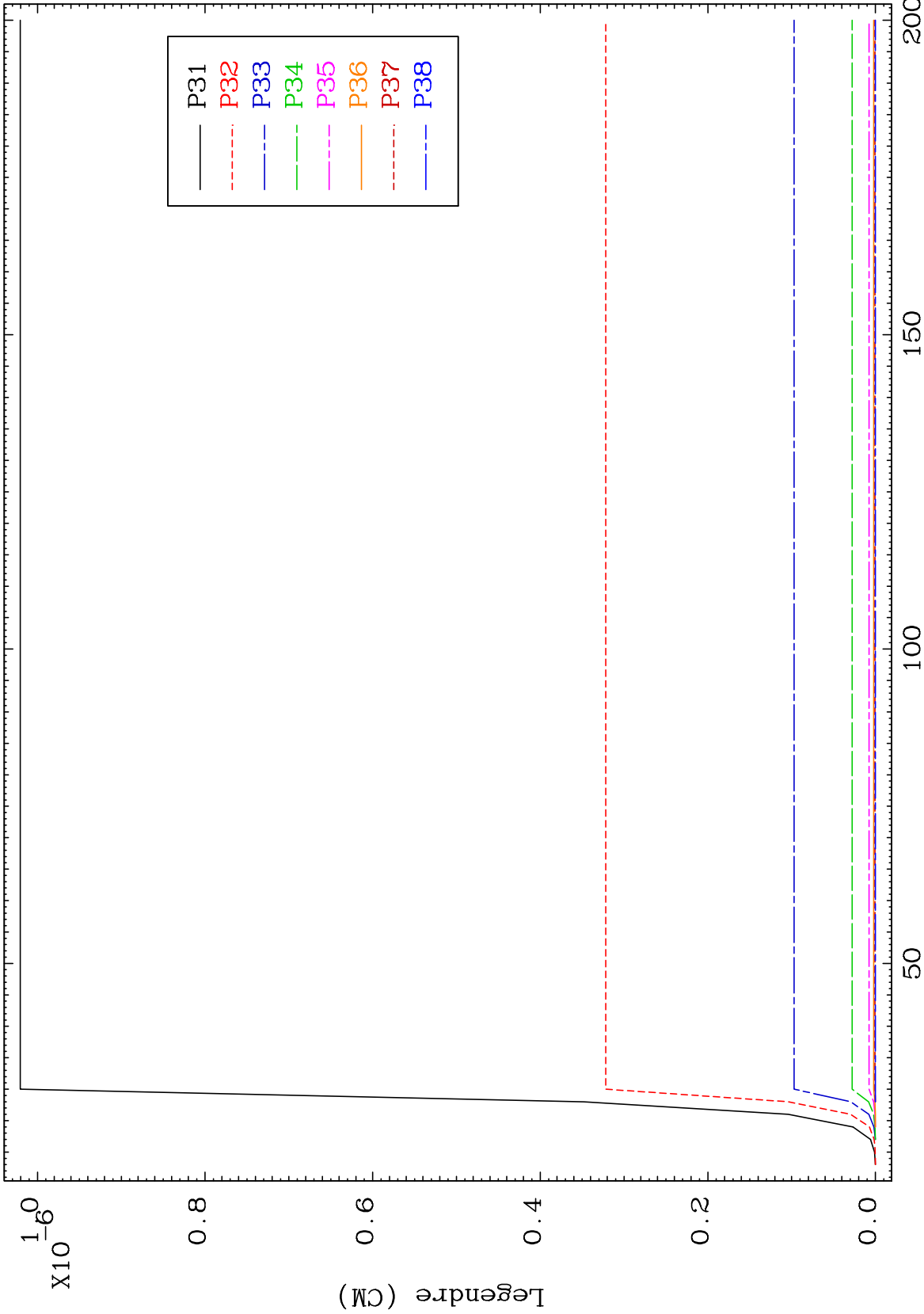
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



91

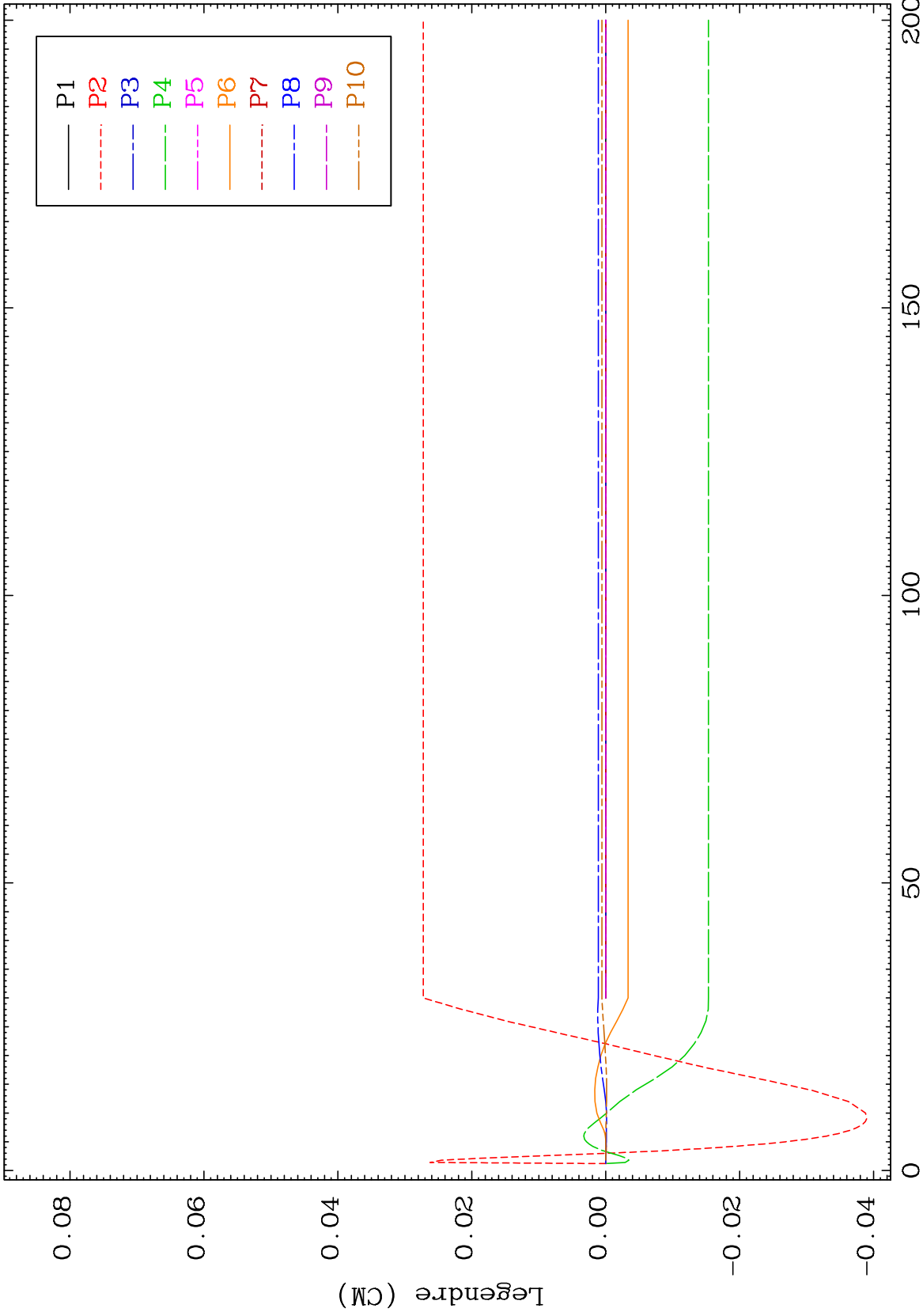
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



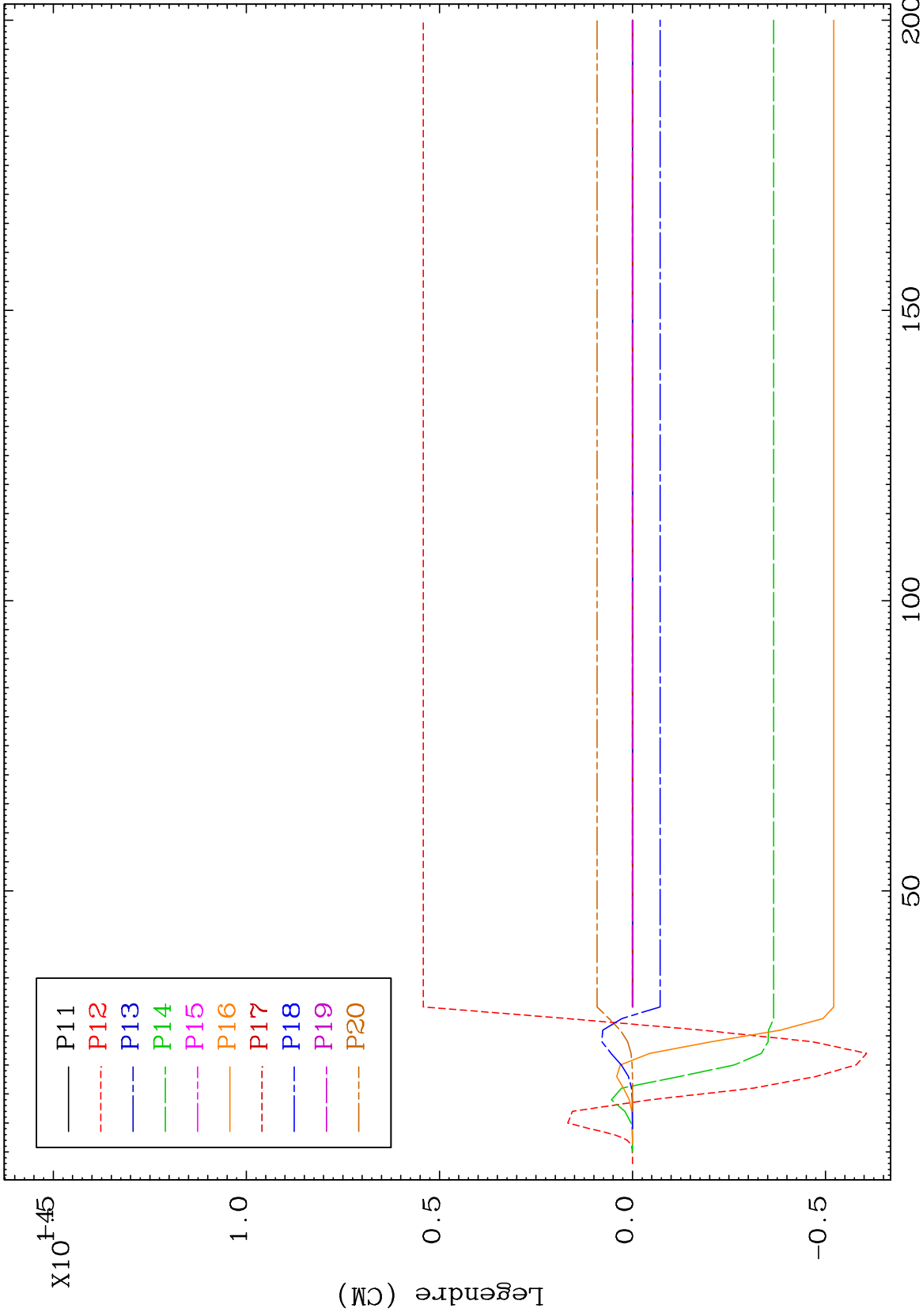
92

79-Au-193

MAT 7913

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

79-Au-193



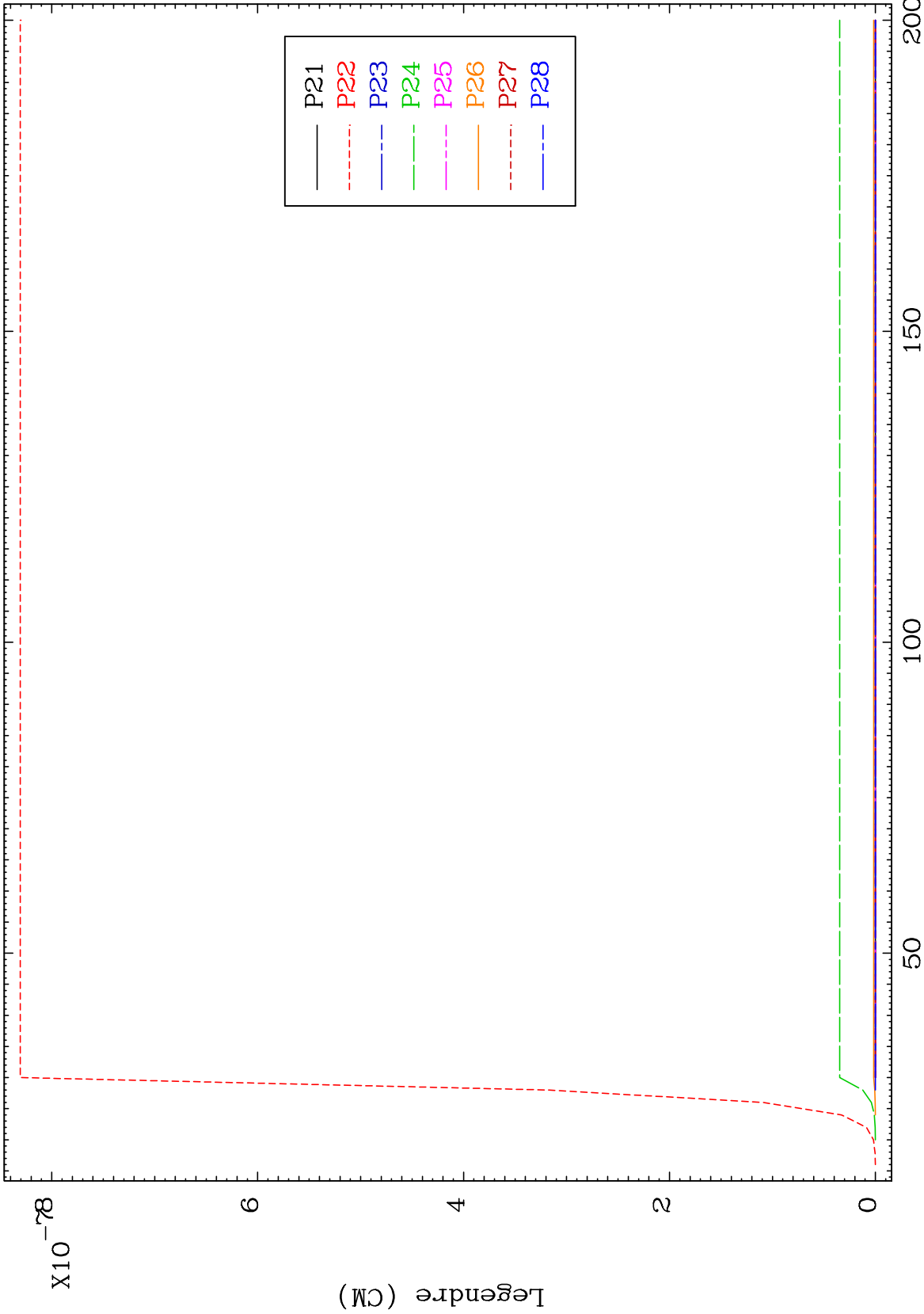
93

79-Au-193

MAT 7913

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

79-Au-193

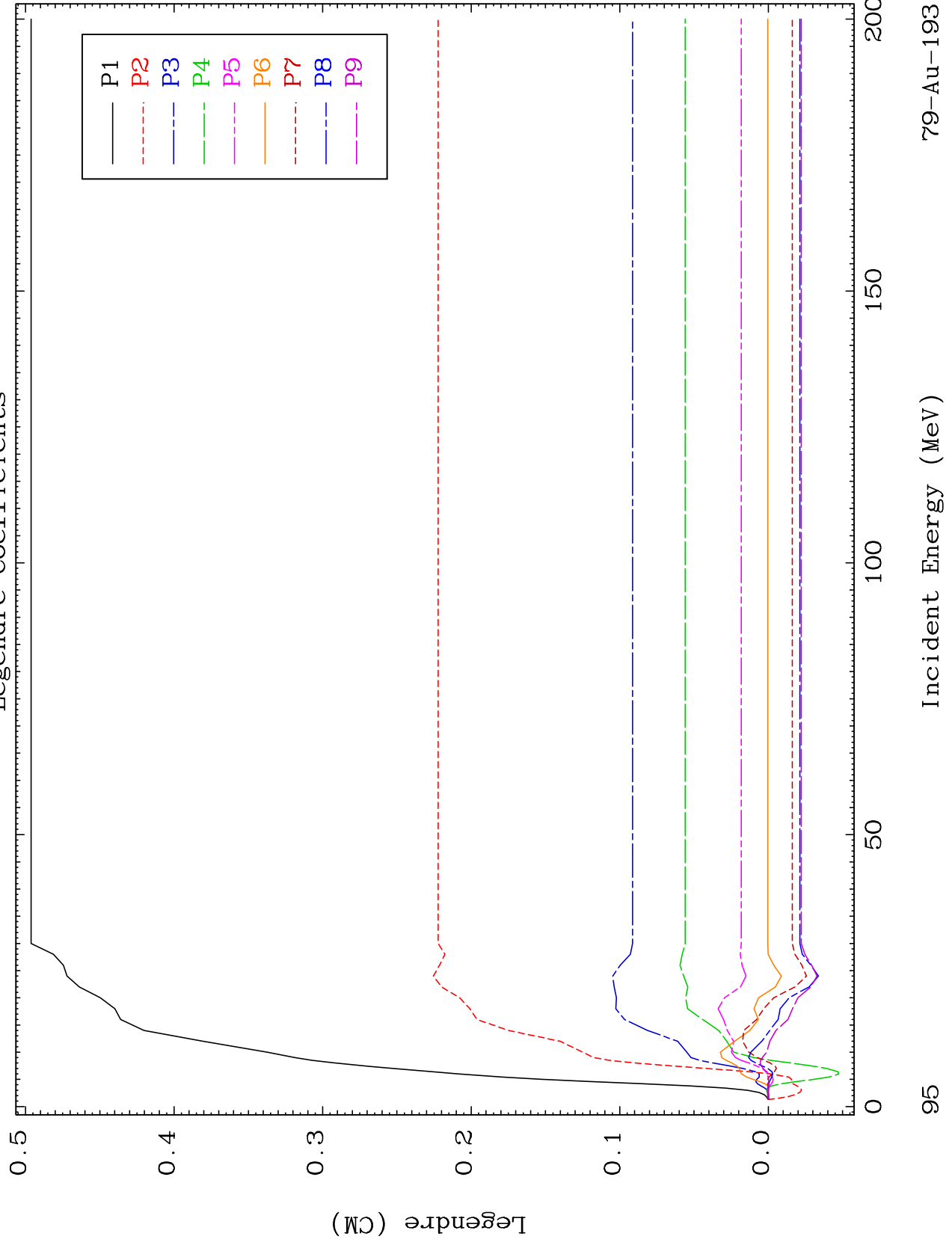


94

Incident Energy (MeV)

79-Au-193

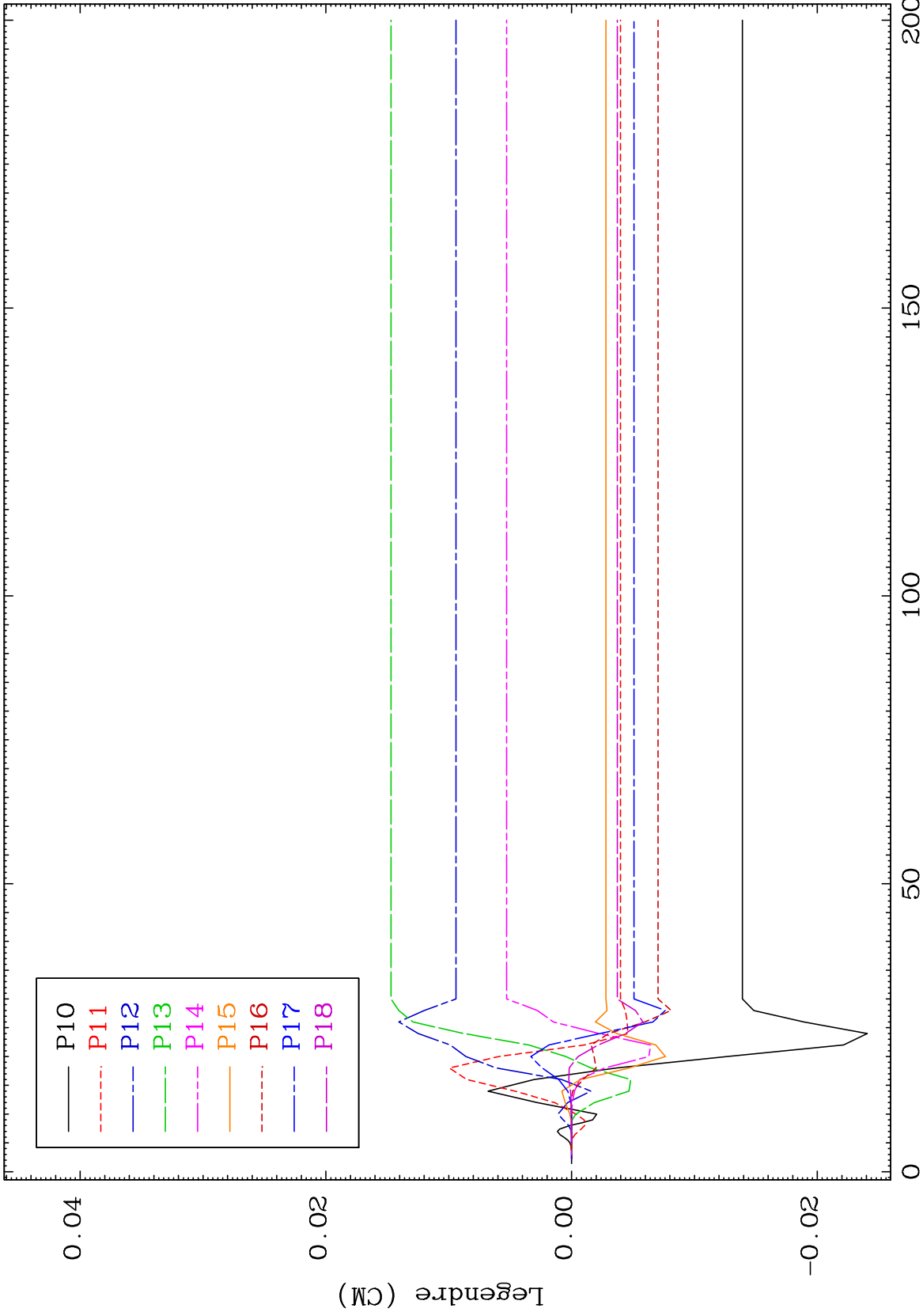
MAT 7913 MT= 71 (n,n') Level Legendre Coefficients 79-Au-193



MAT 7913

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

79-Au-193



96

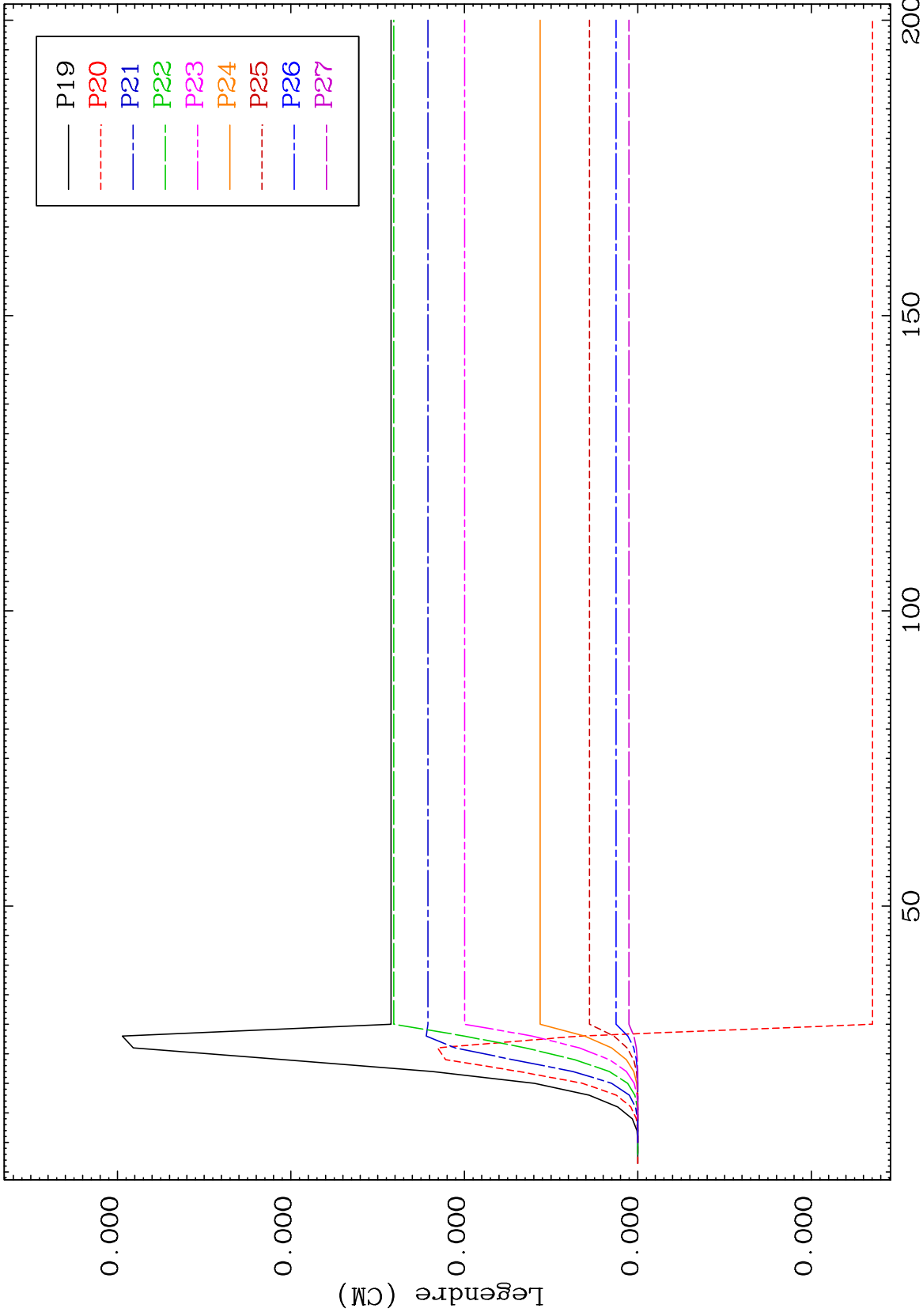
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



97

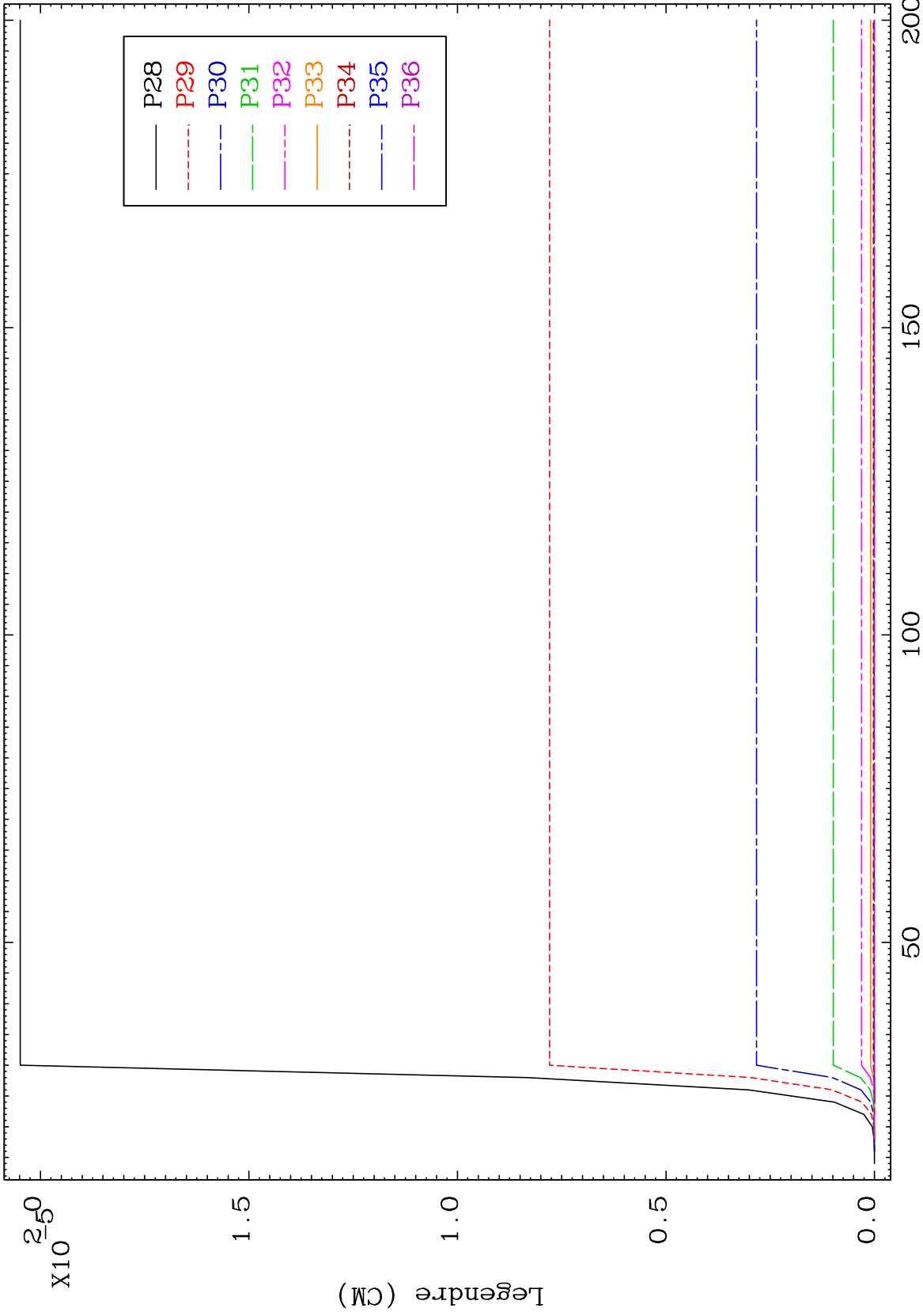
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



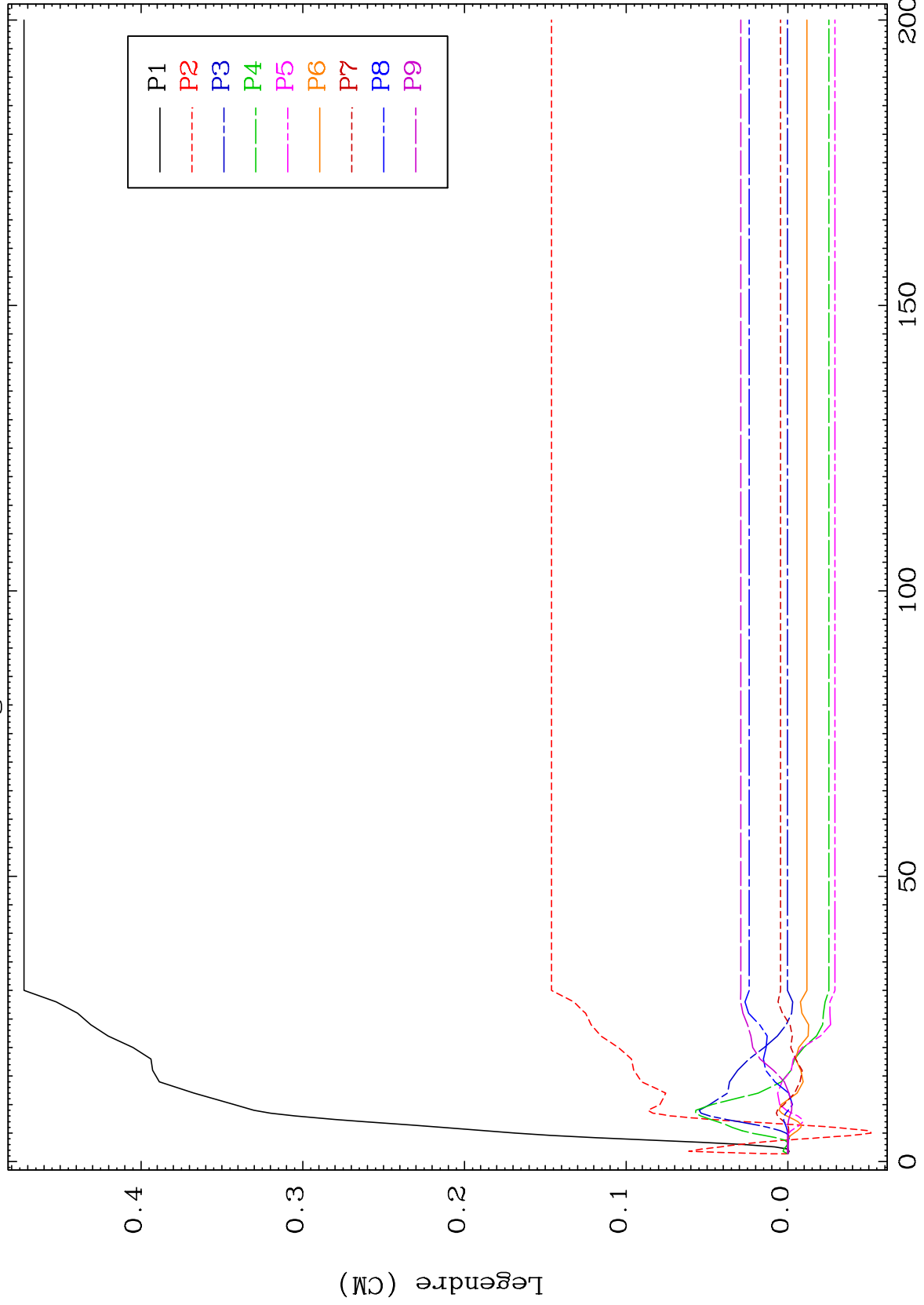
98

79-Au-193

MAT 7913

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

79-Au-193



99

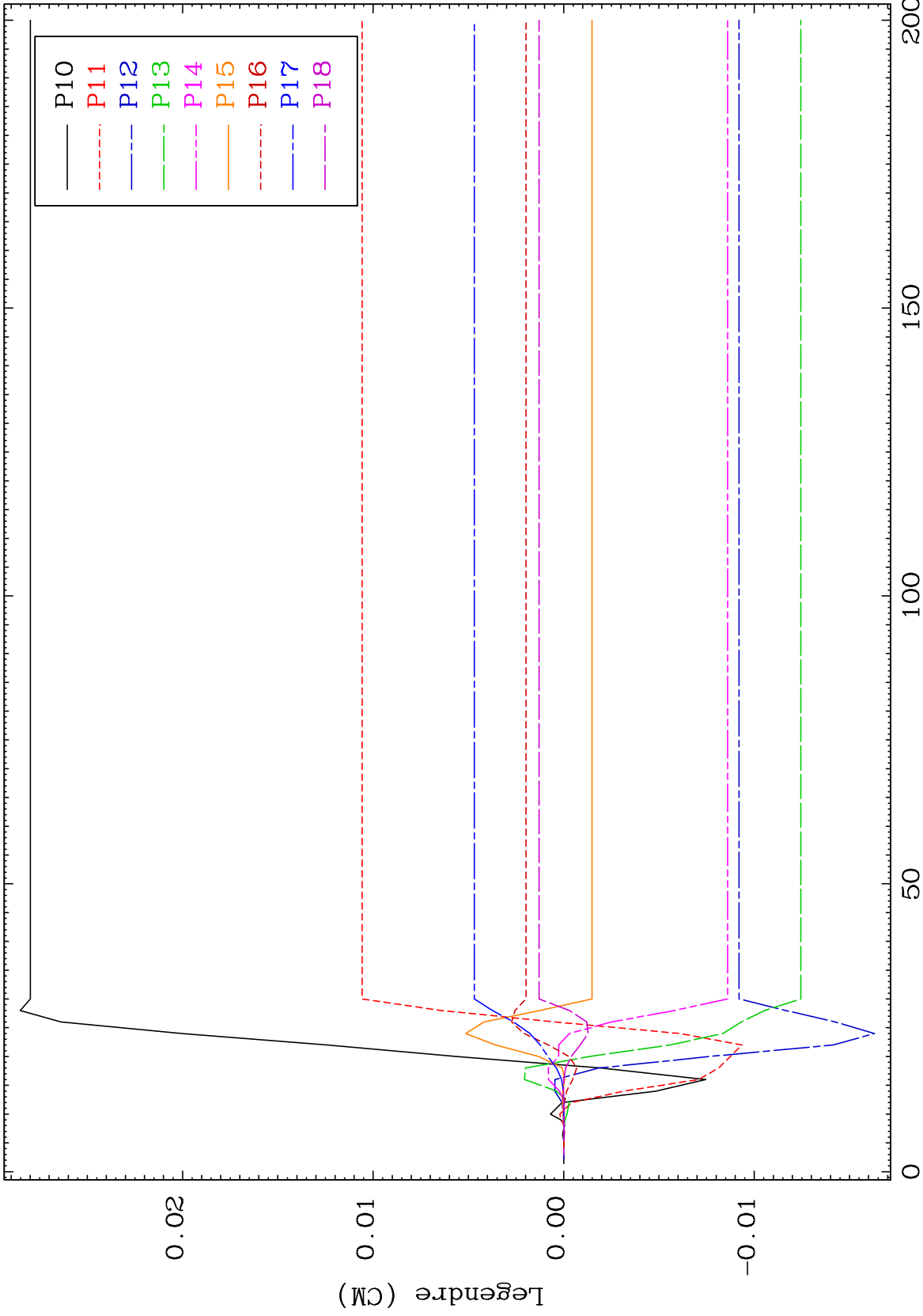
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

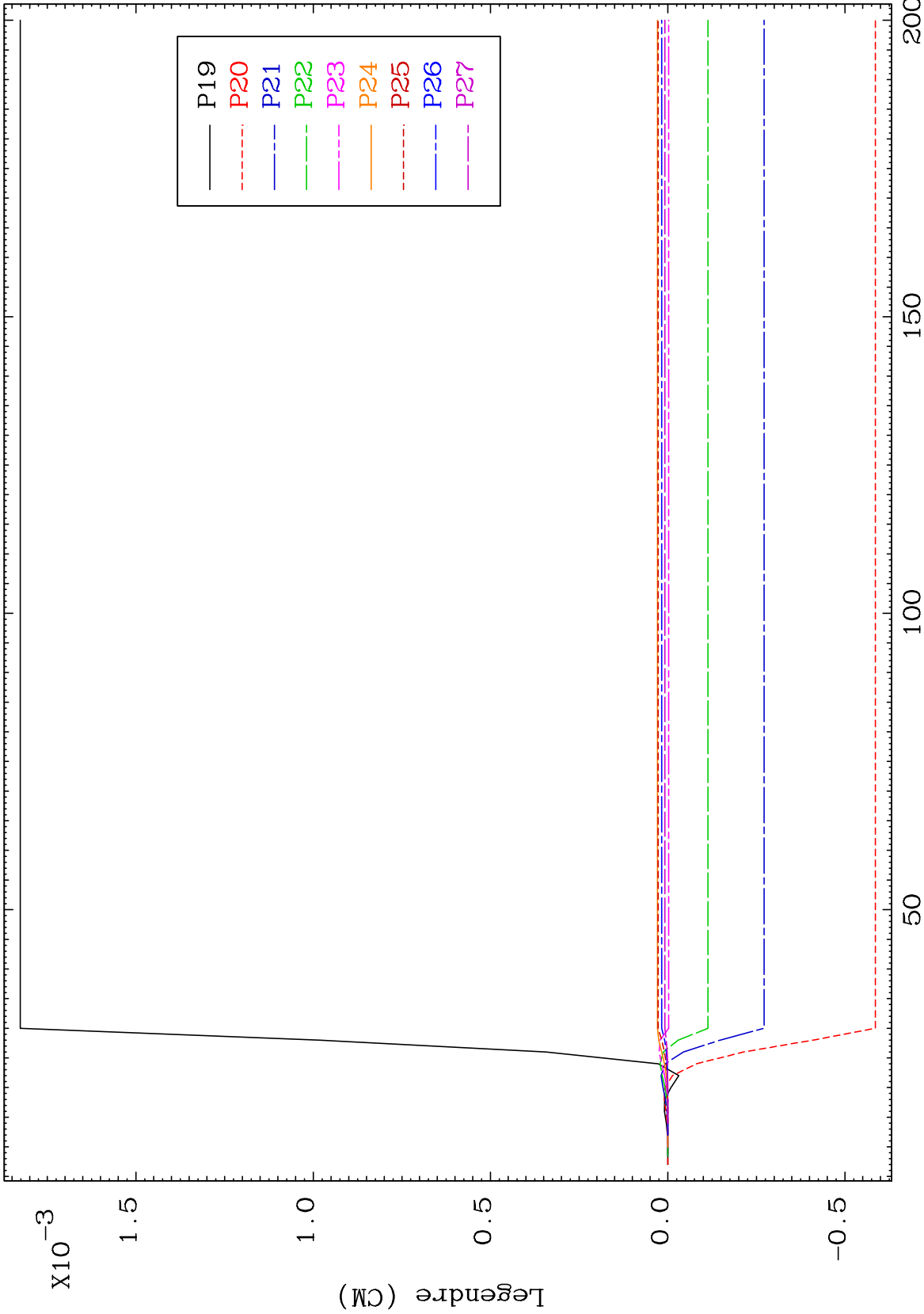
Incident Energy (MeV)

100

MAT 7913

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

79-Au-193



101

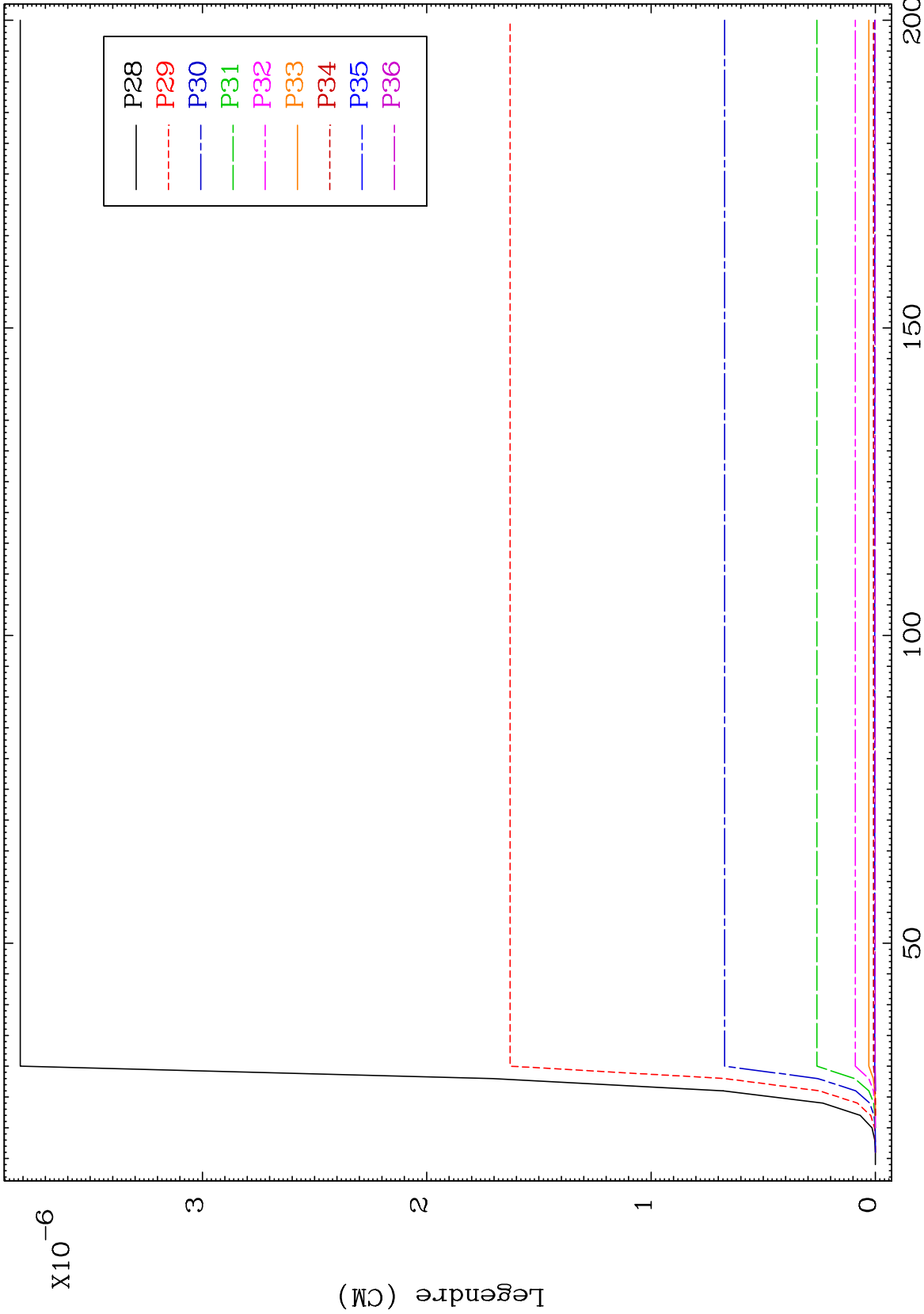
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



102

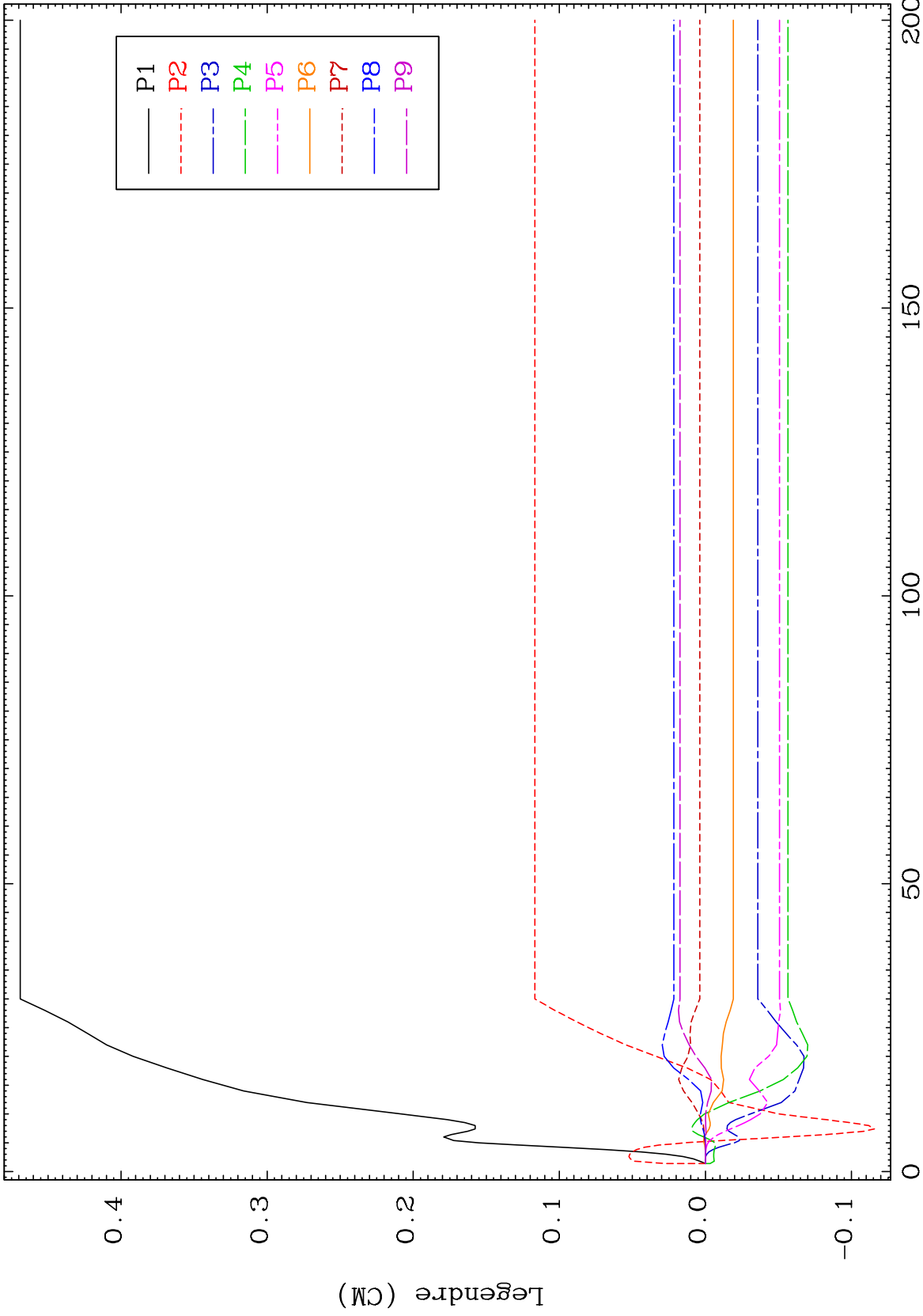
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



103

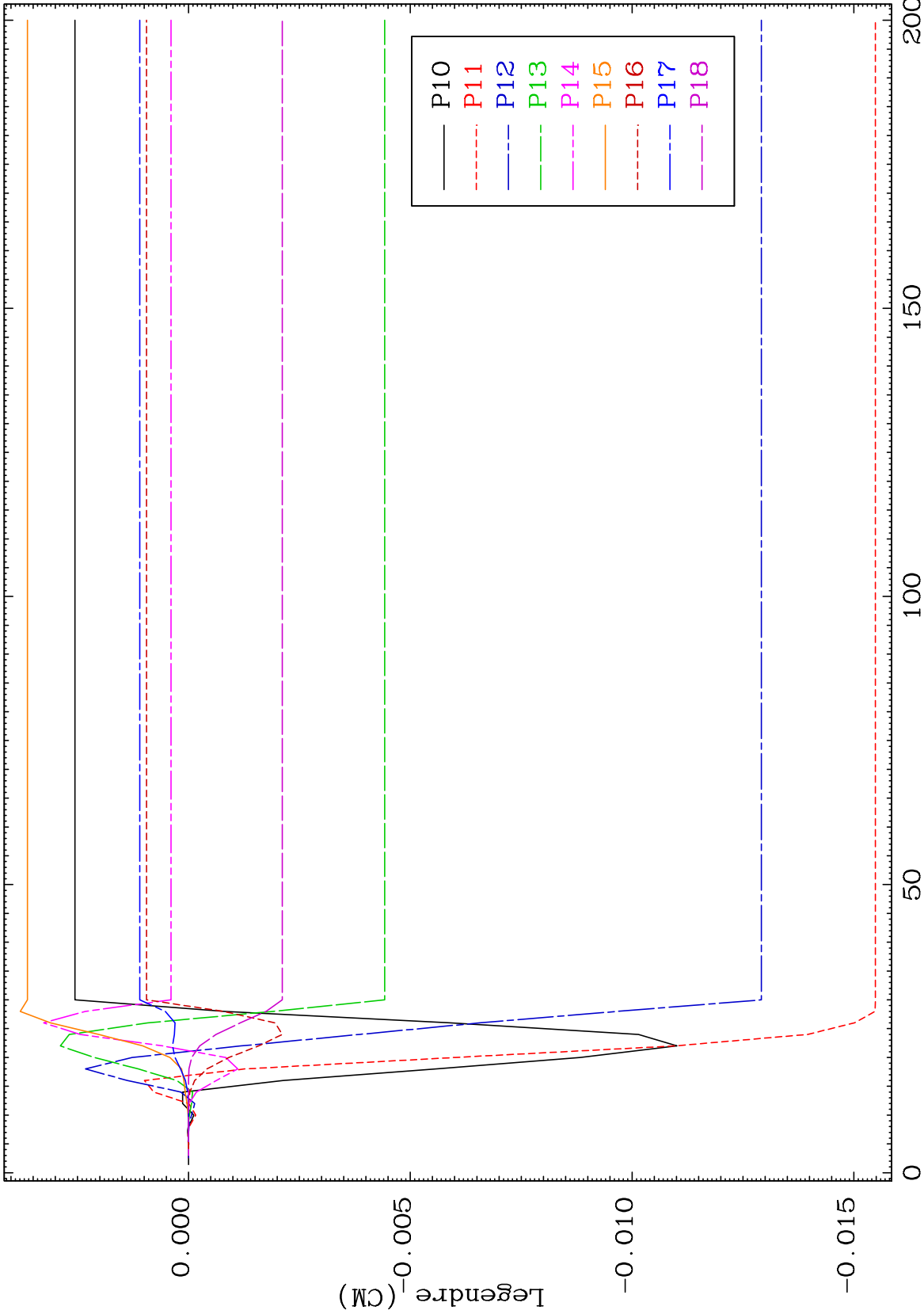
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



104

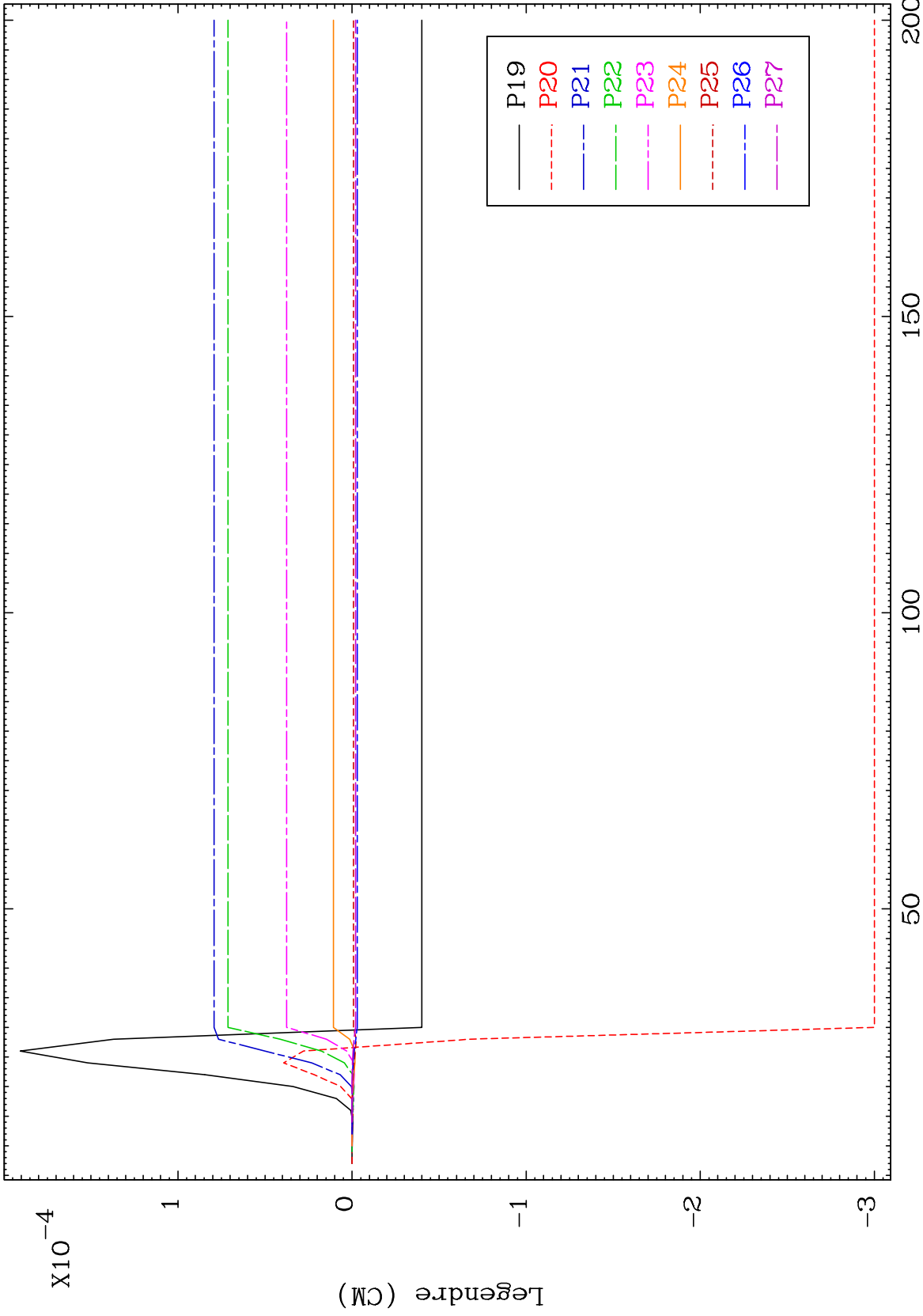
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



105

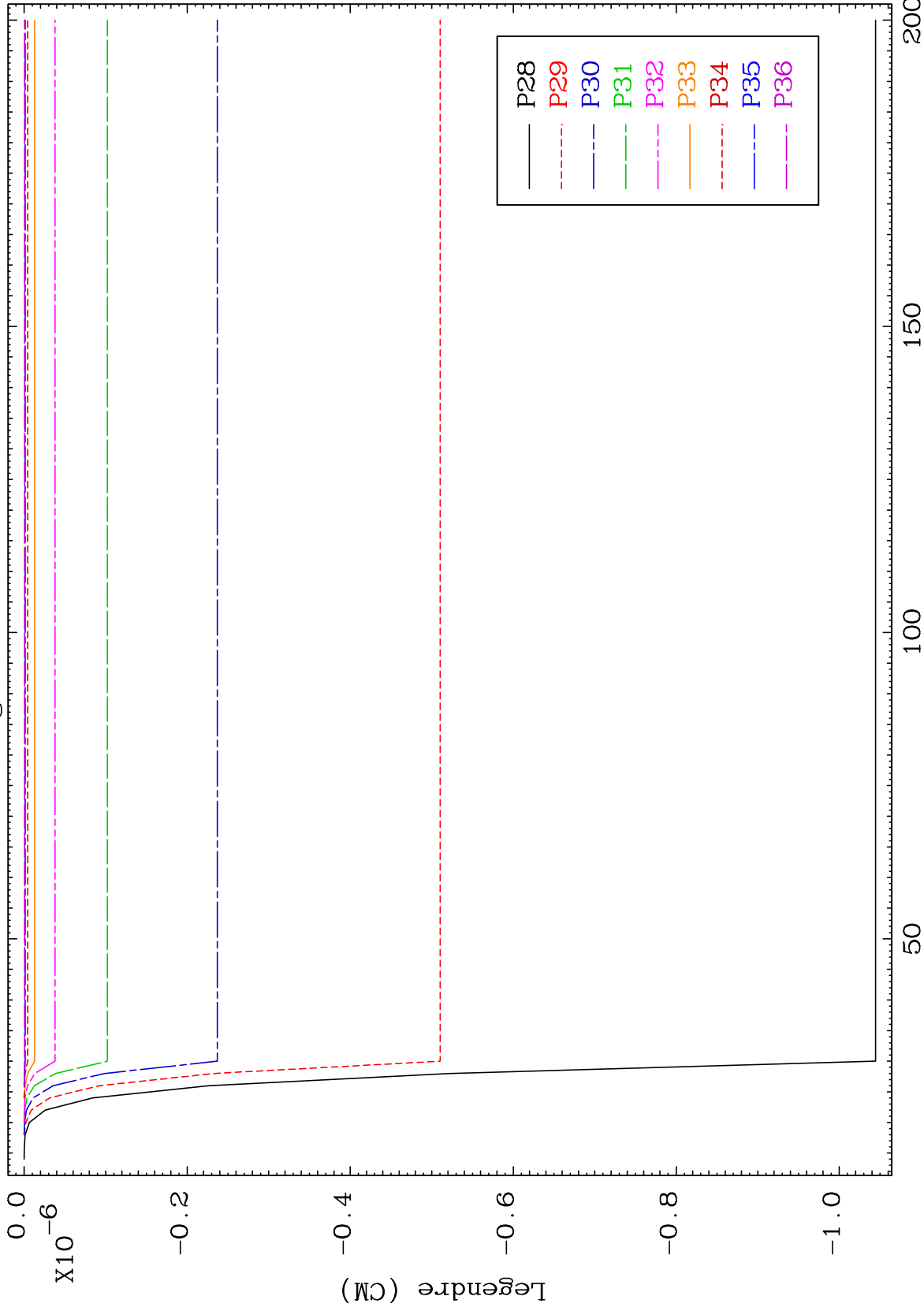
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

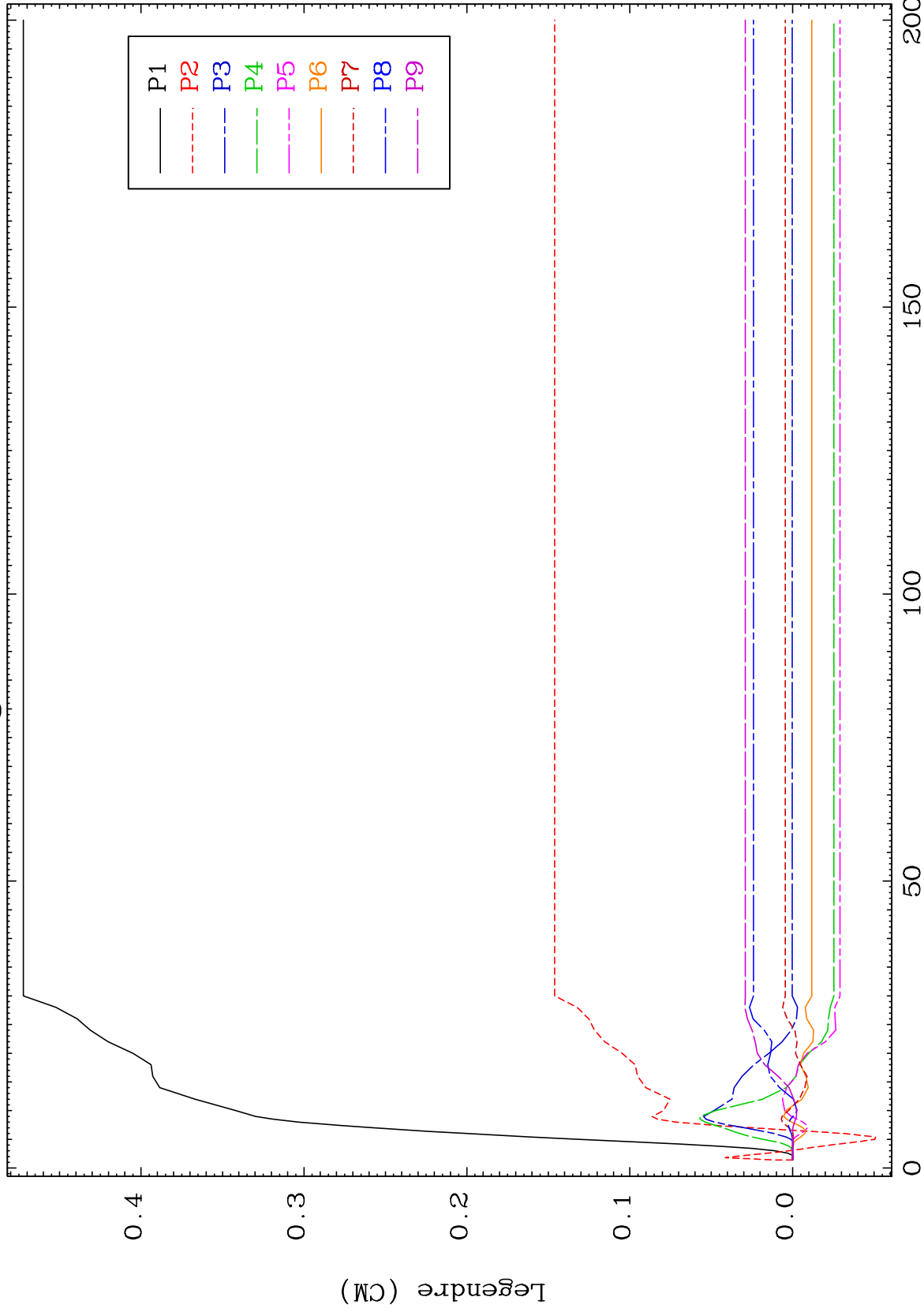
Incident Energy (MeV)

106

MAT 7913

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

79-Au-193



79-Au-193

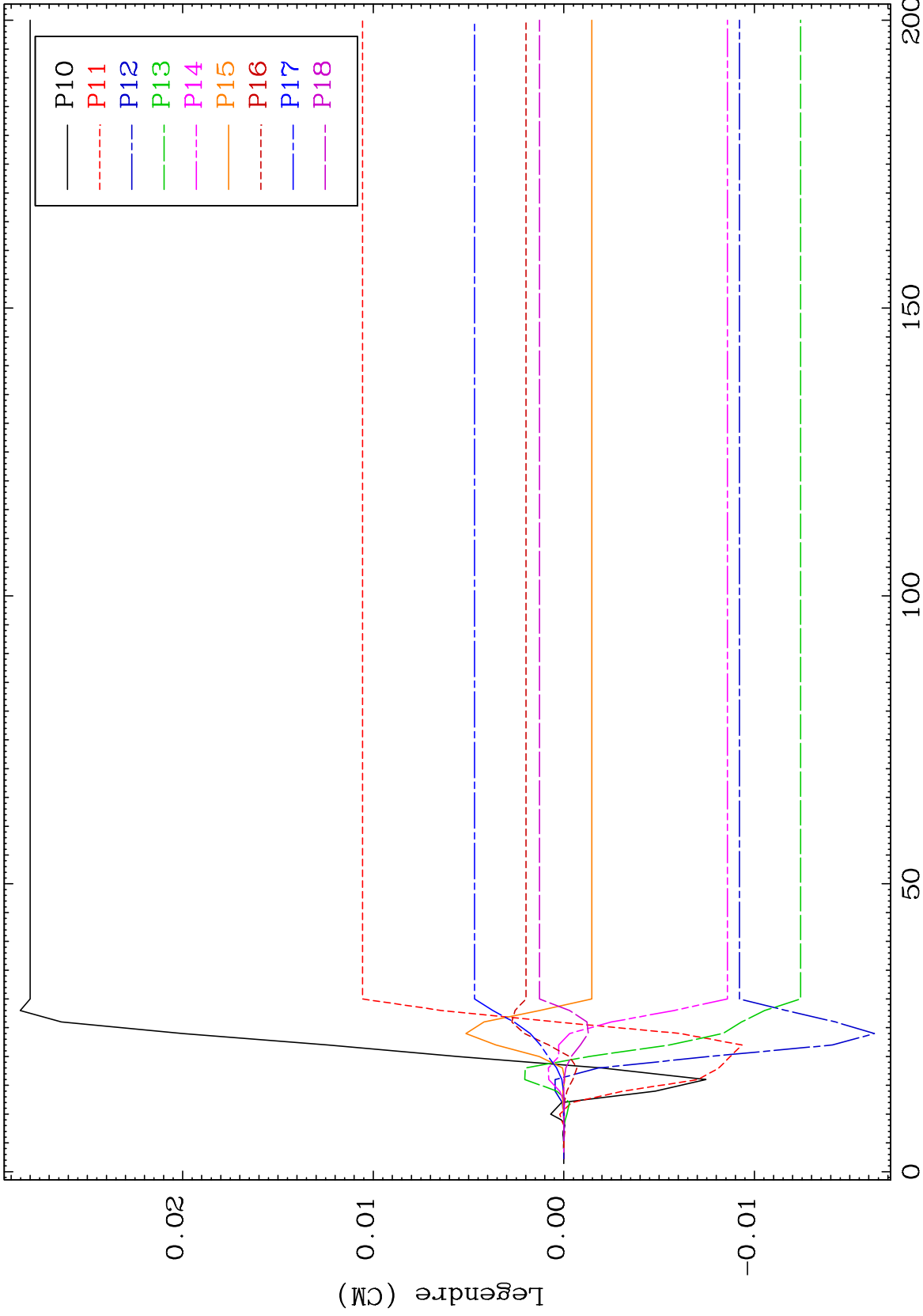
Incident Energy (MeV)

107

MAT 7913

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

79-Au-193



108

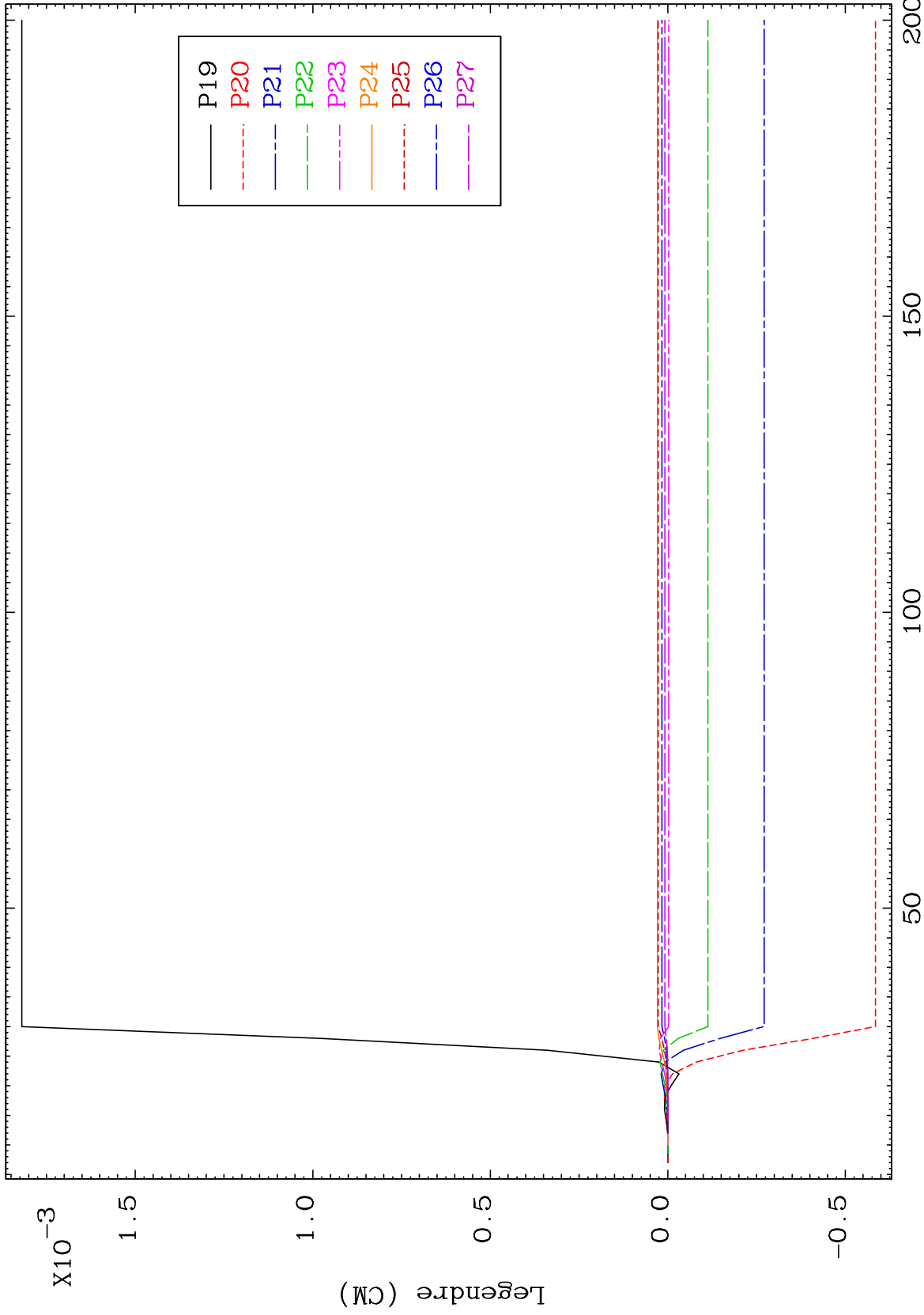
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



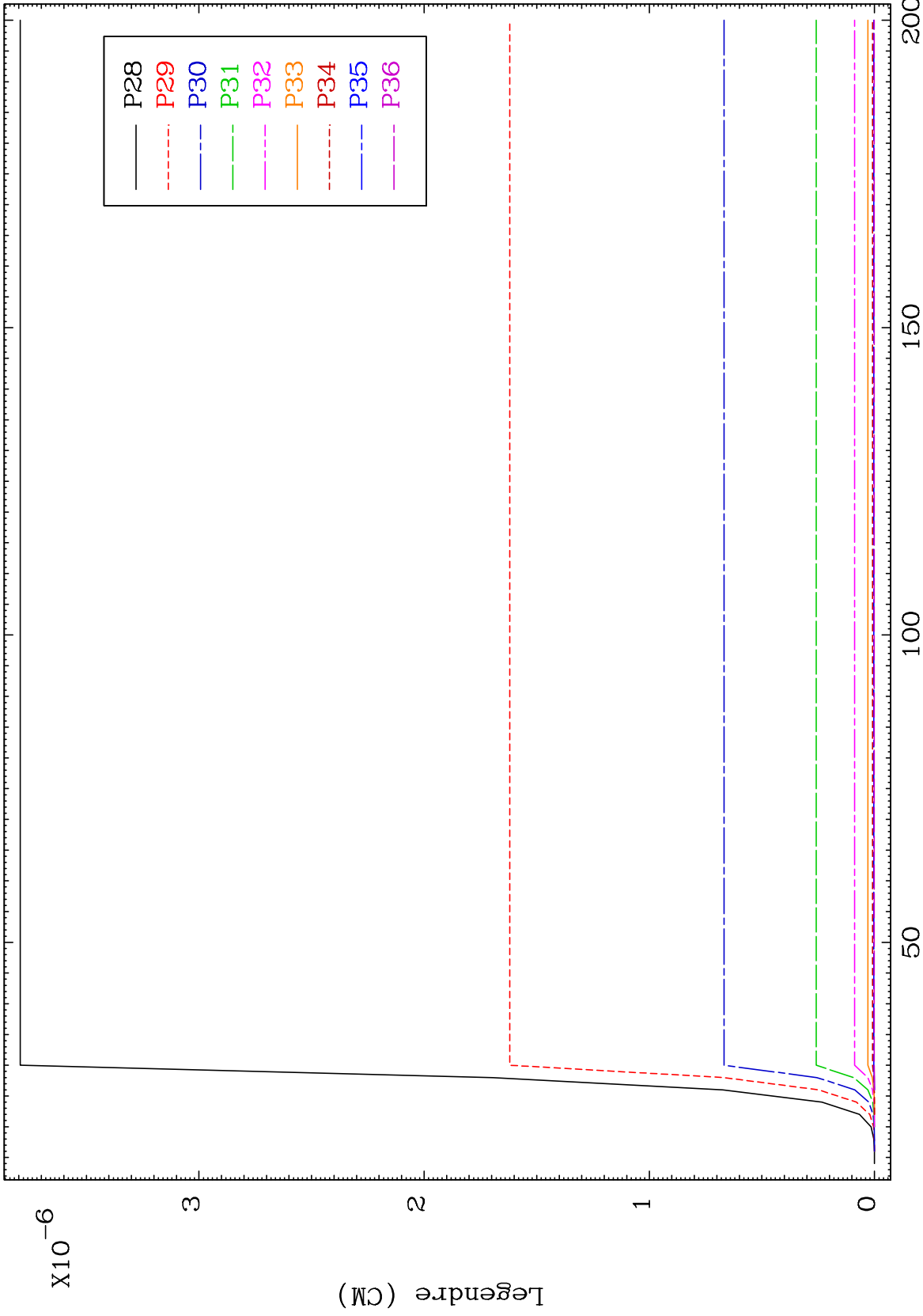
109

79-Au-193

MAT 7913

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

79-Au-193



110

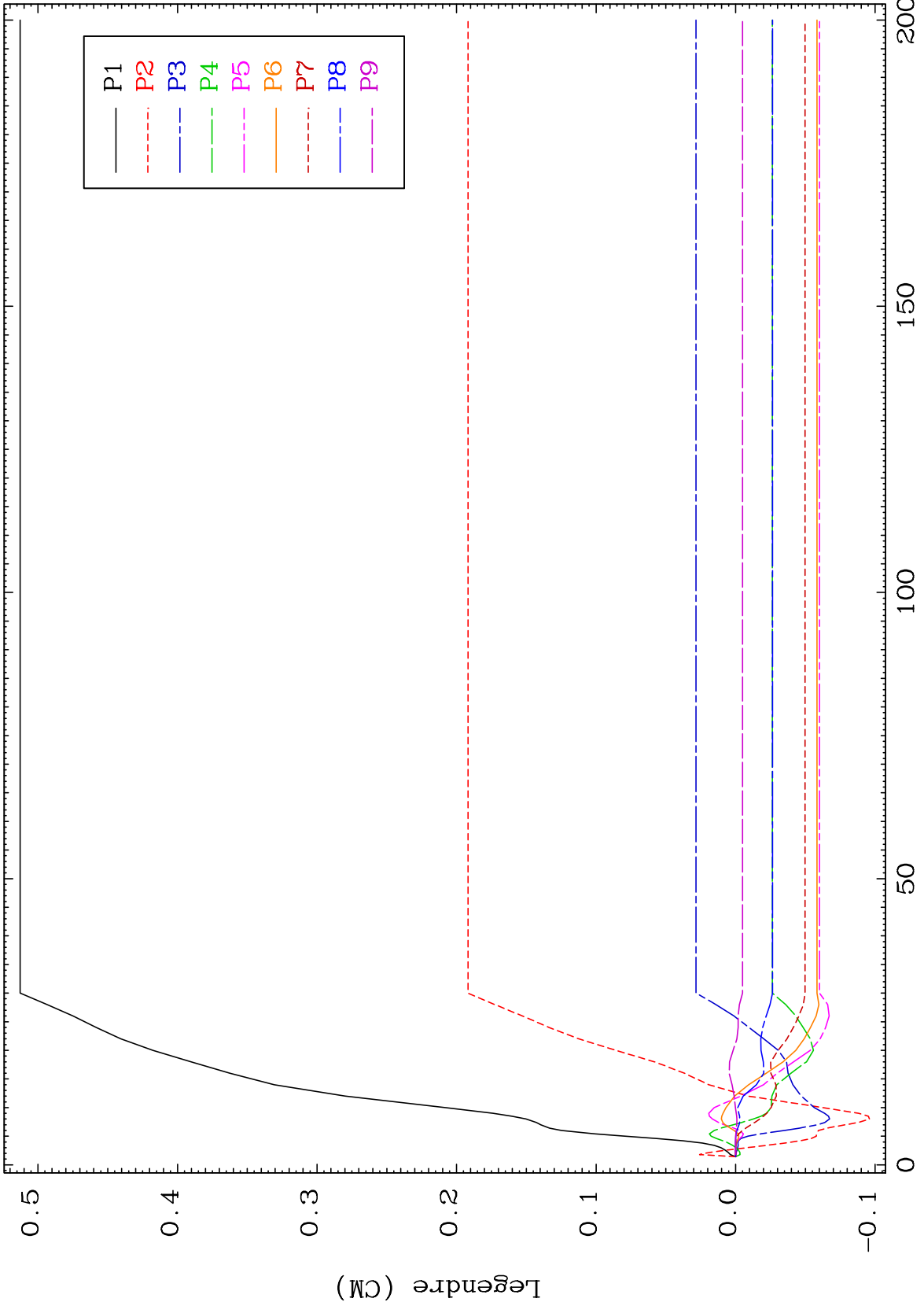
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



111

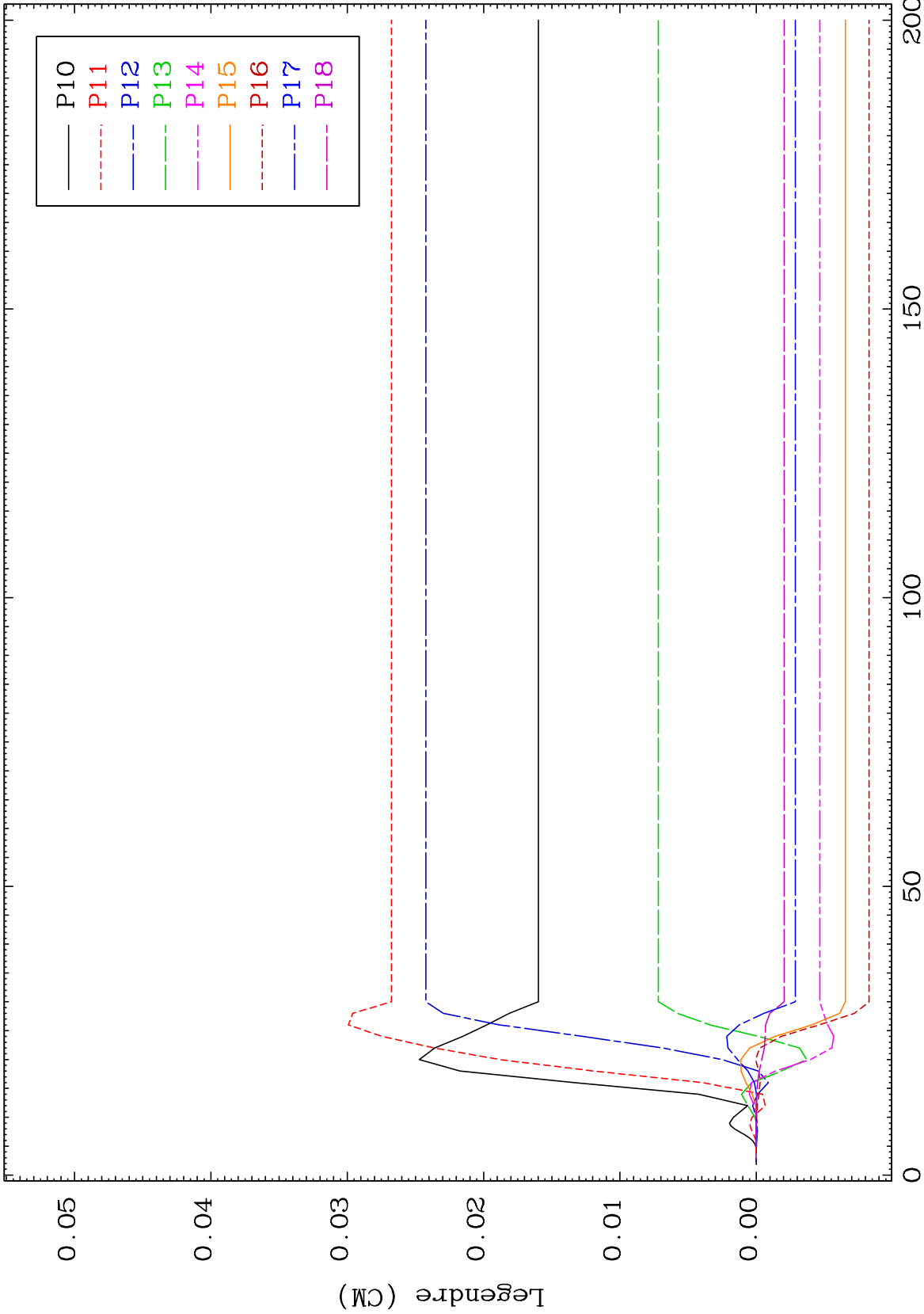
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



112

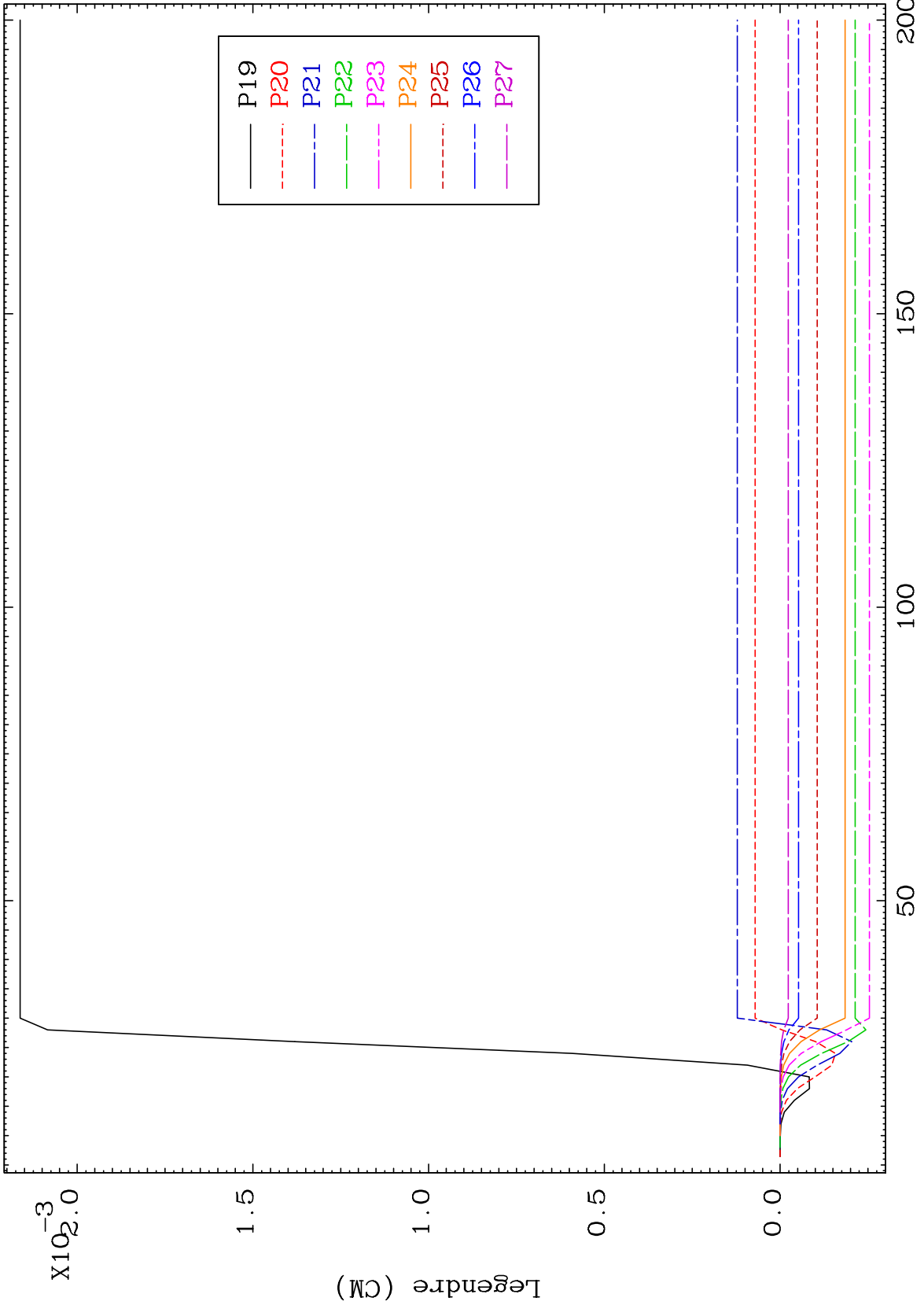
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



113

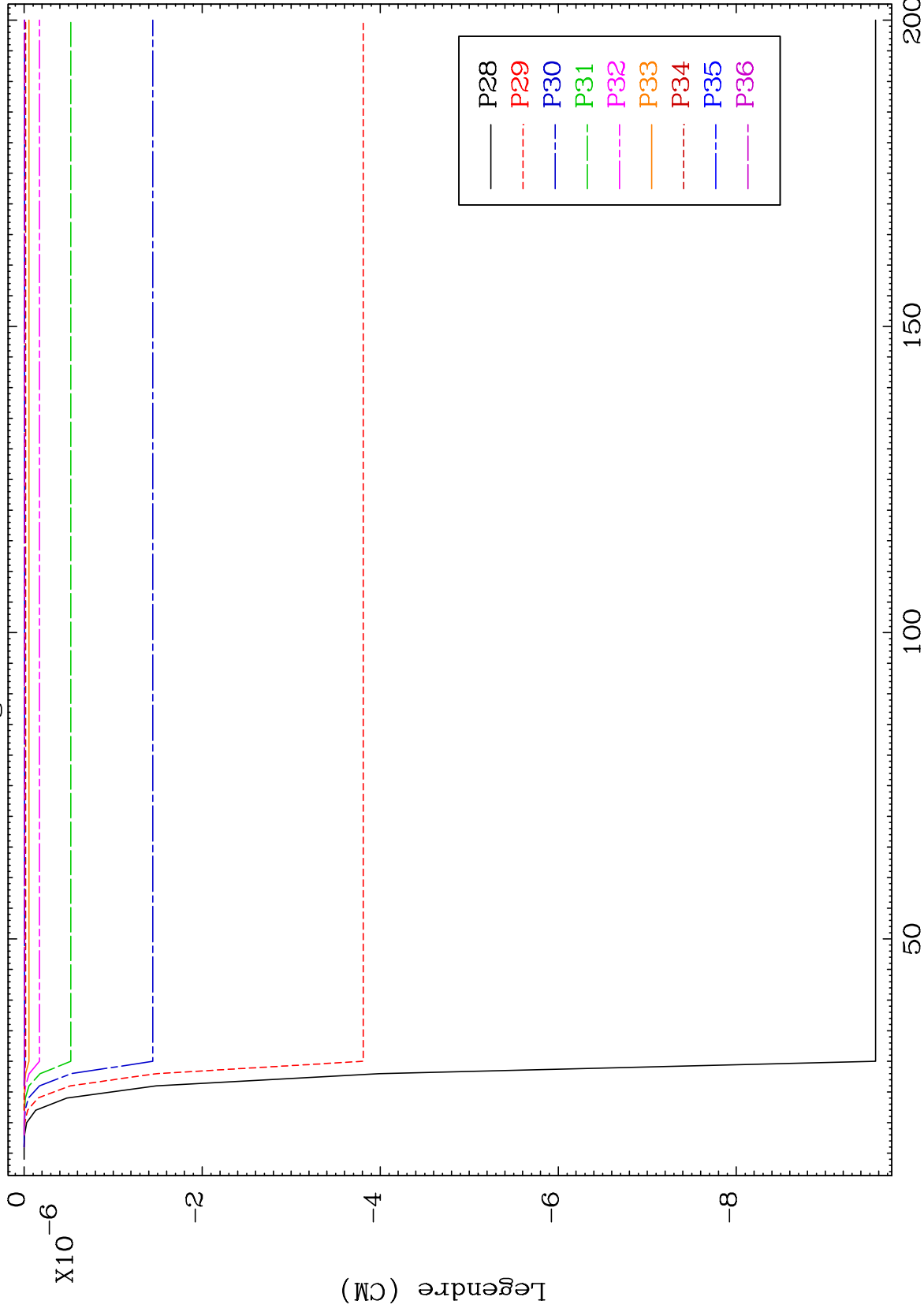
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



114

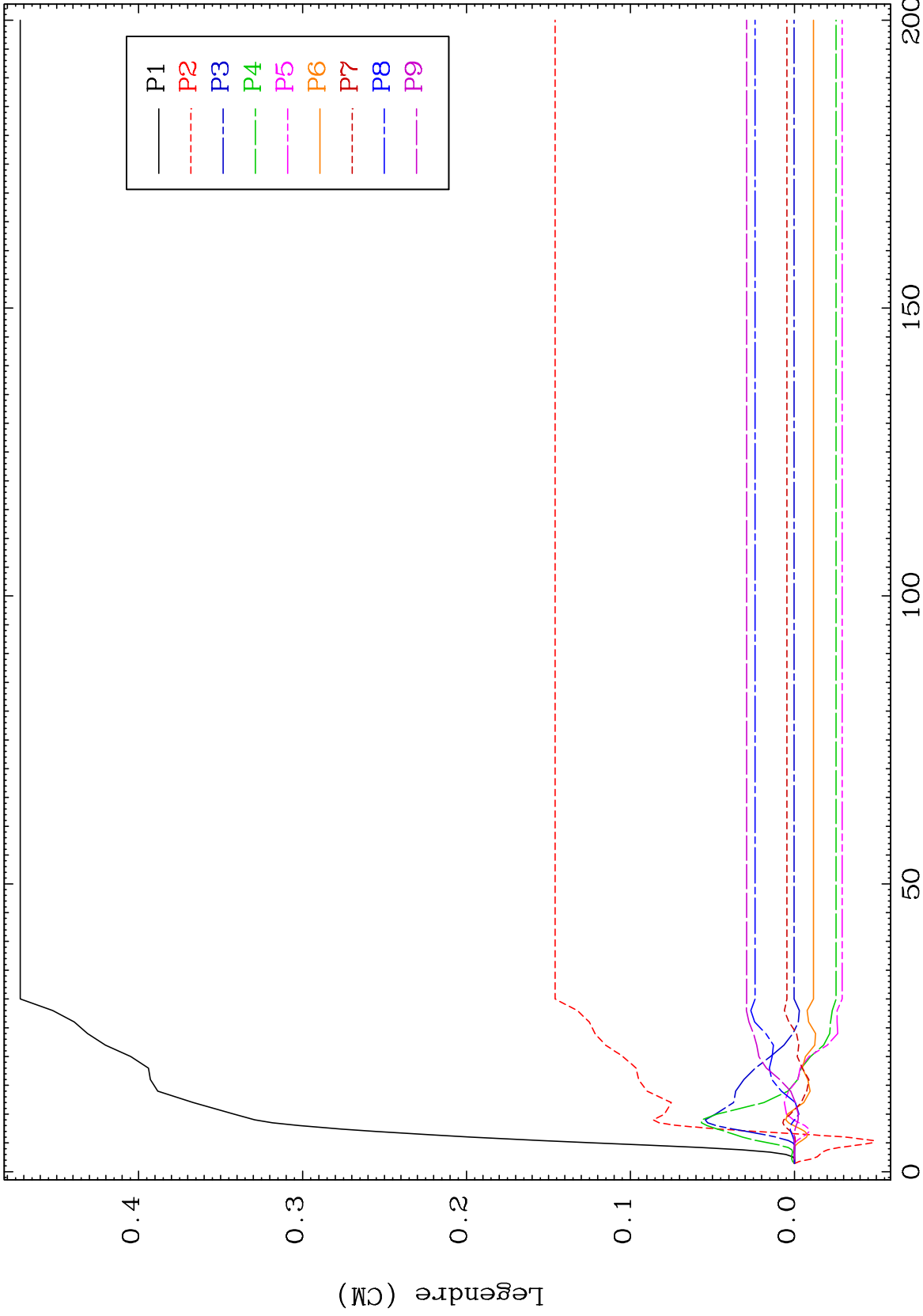
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



115

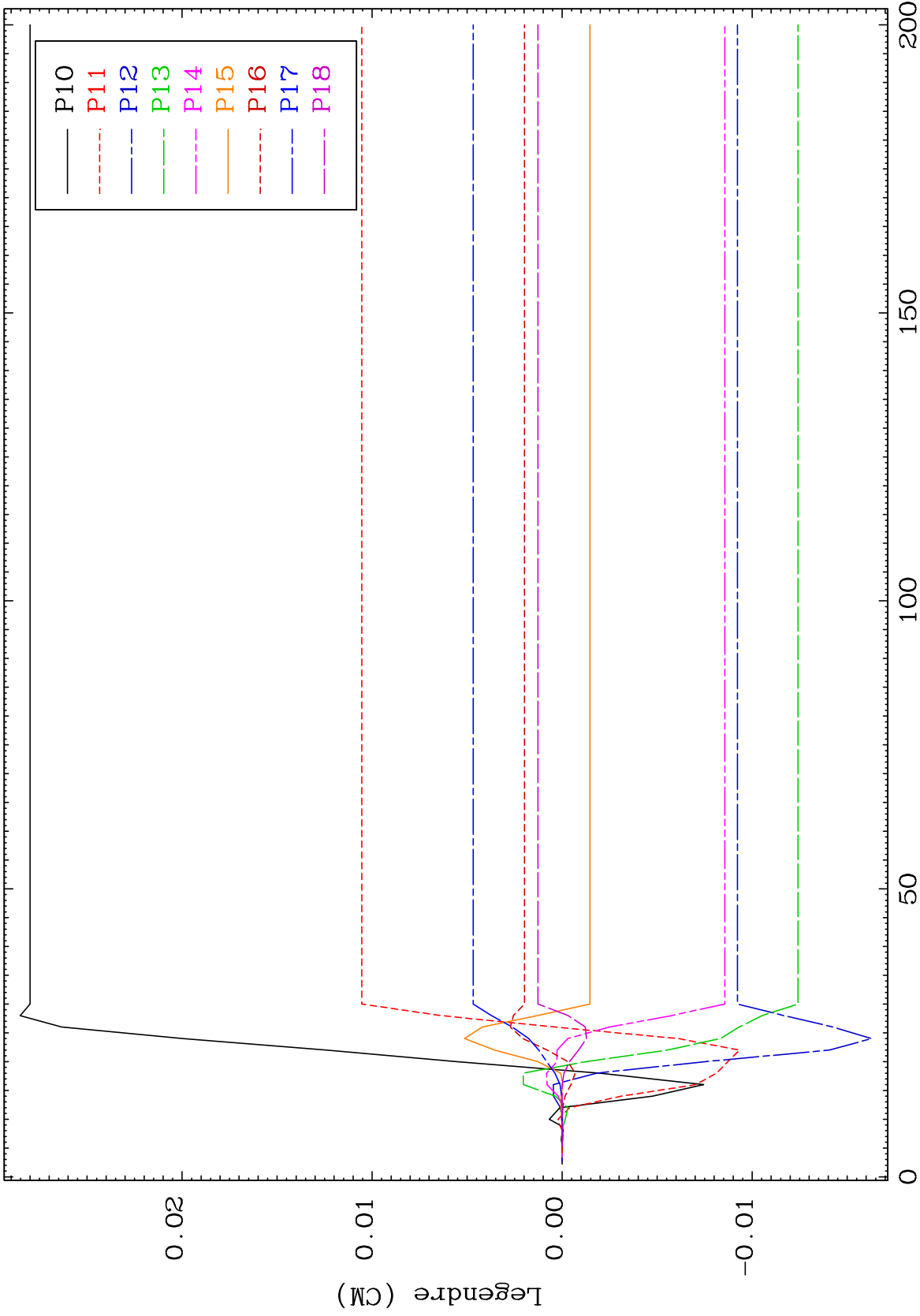
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



116

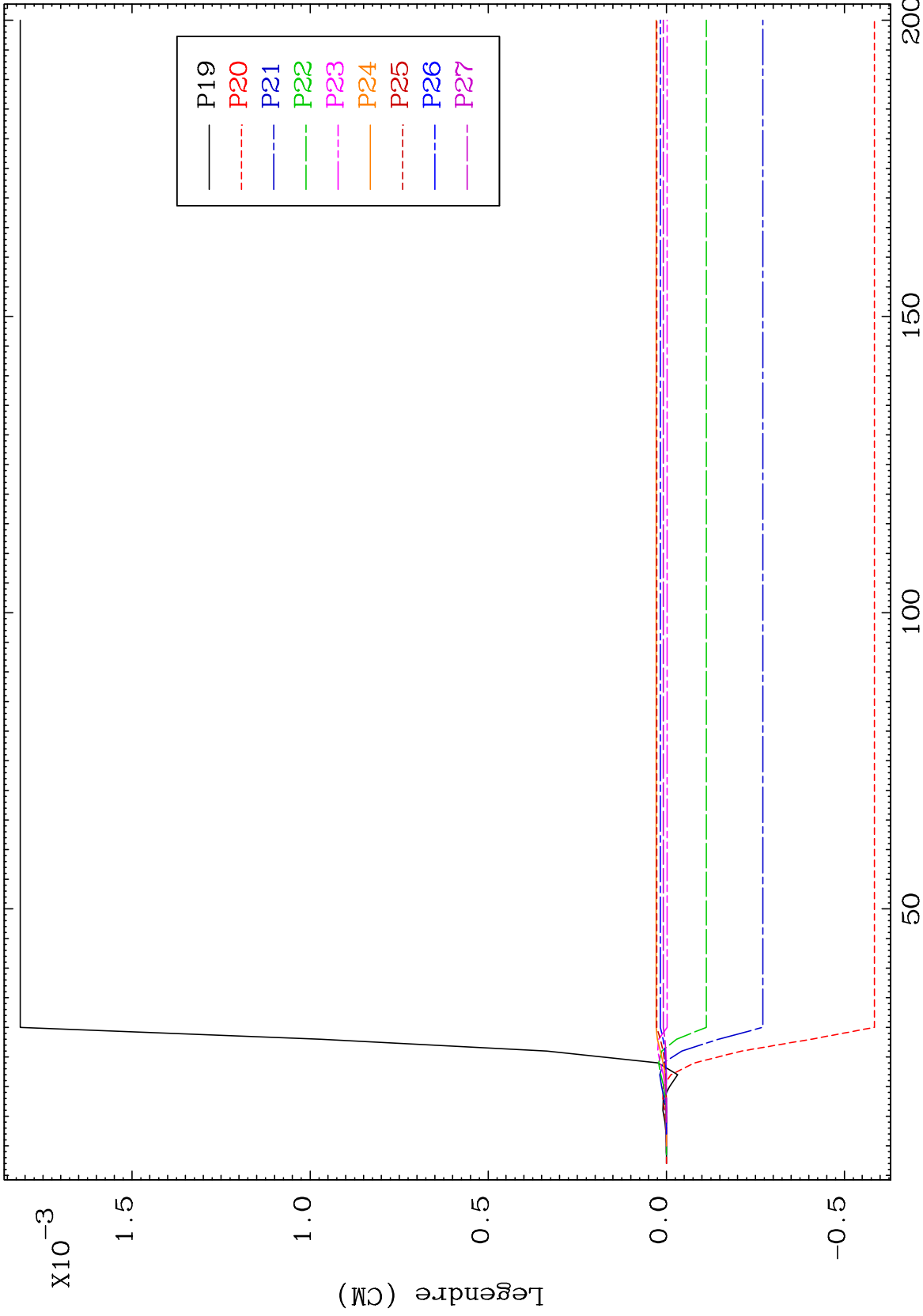
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



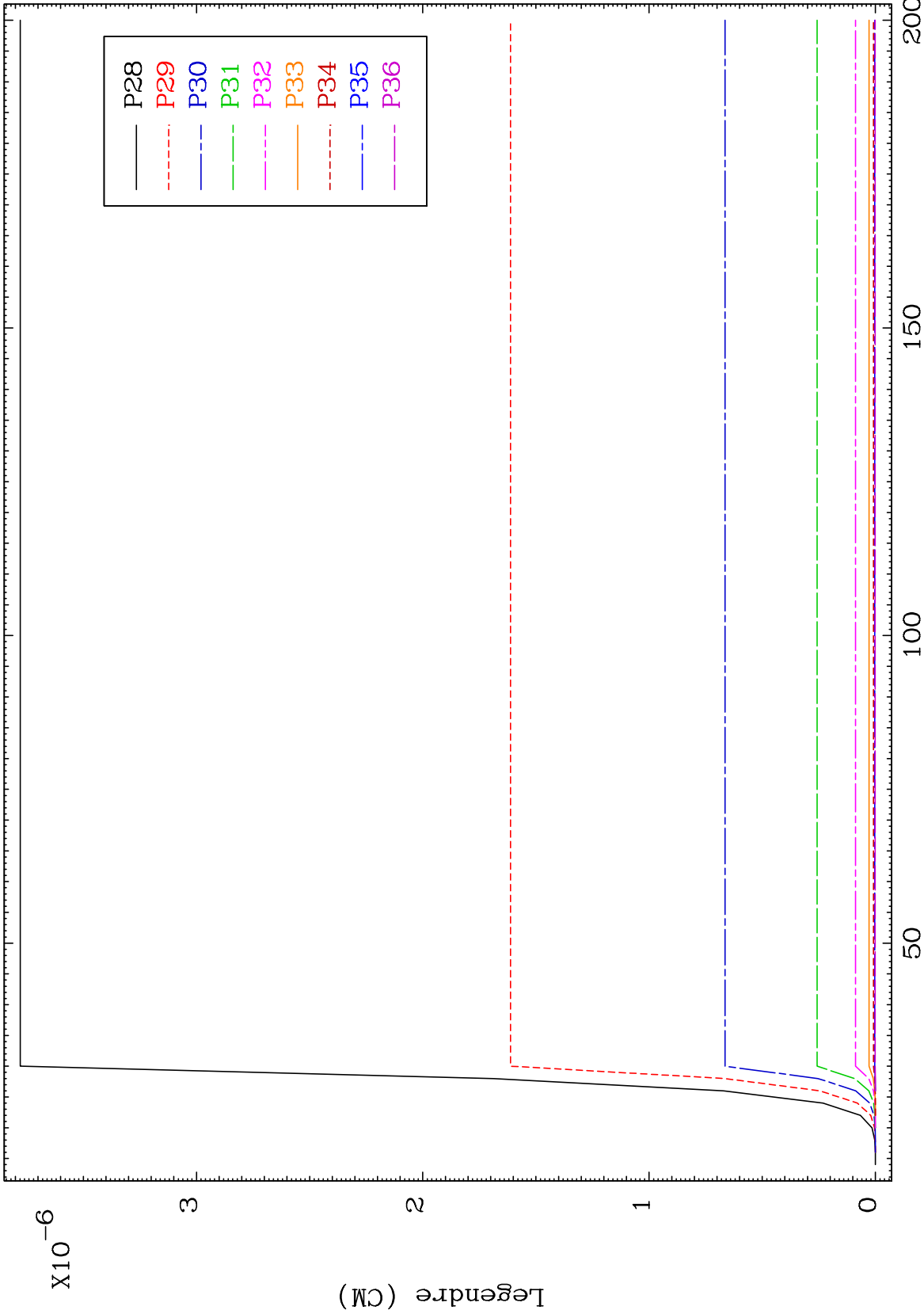
117

79-Au-193

MAT 7913

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

79-Au-193



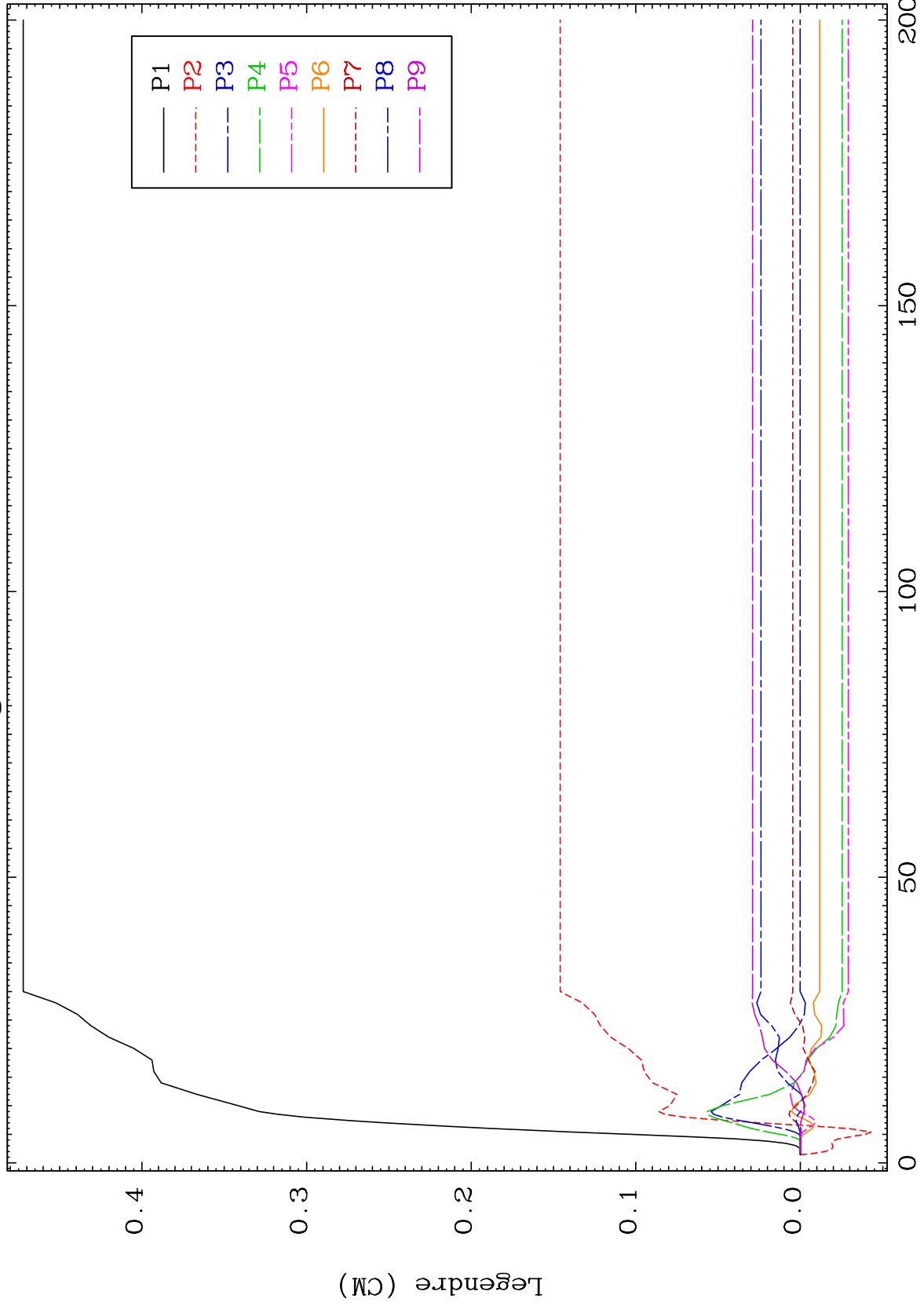
118

79-Au-193

MAT 7913

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

79-Au-193



79-Au-193

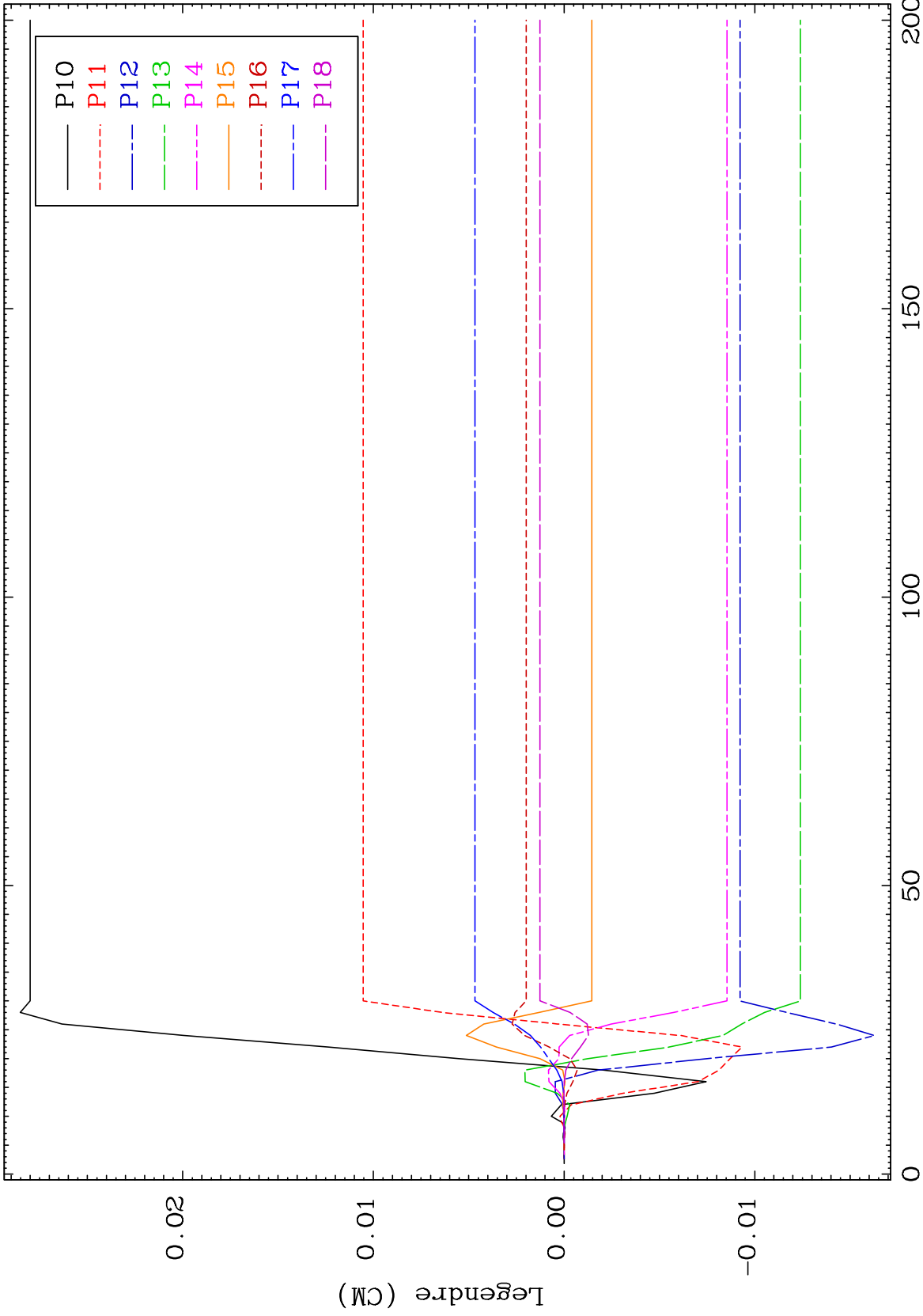
Incident Energy (MeV)

119

MAT 7913

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

79-Au-193



120

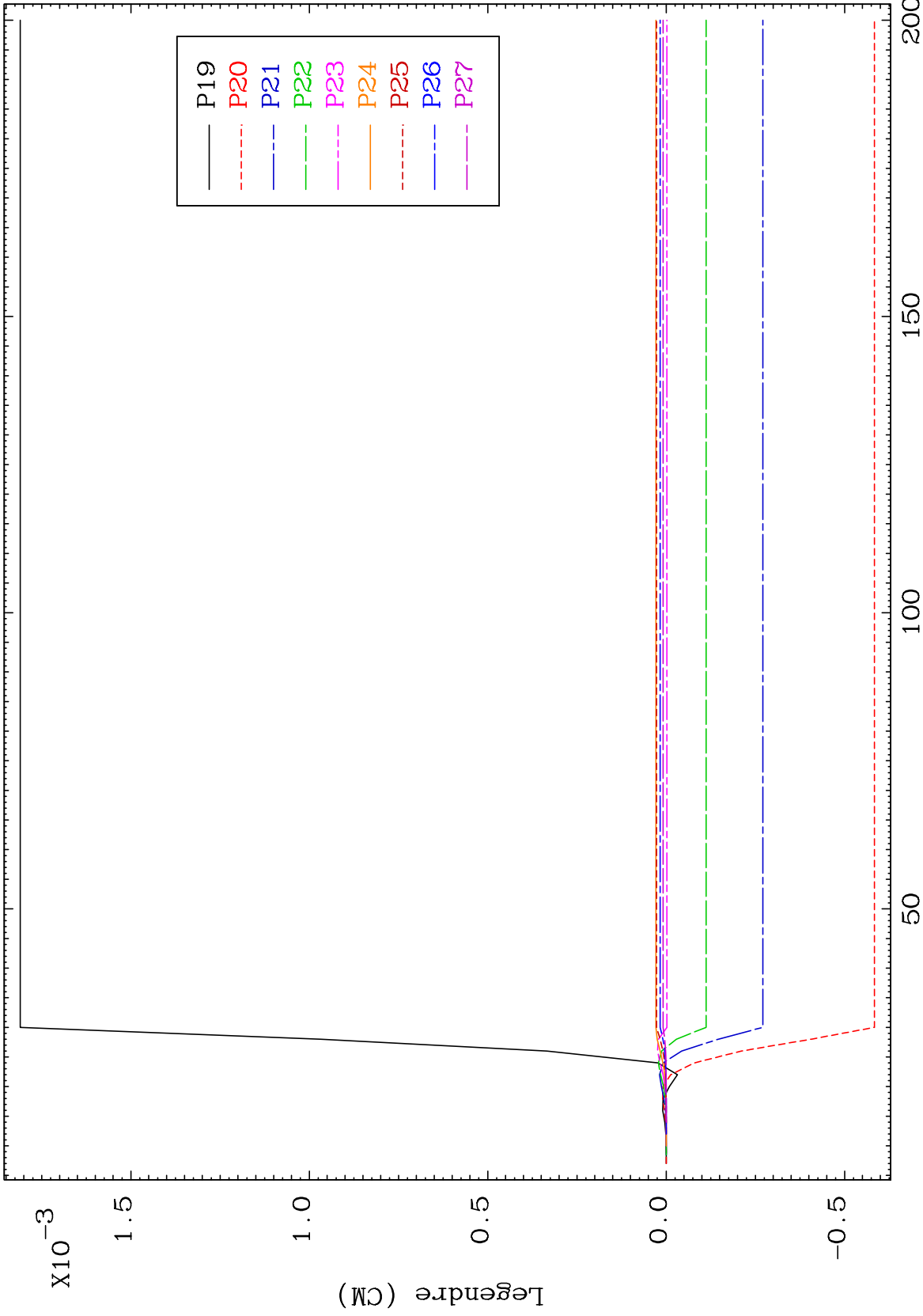
Incident Energy (MeV)

79-Au-193

MAT 7913

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

79-Au-193



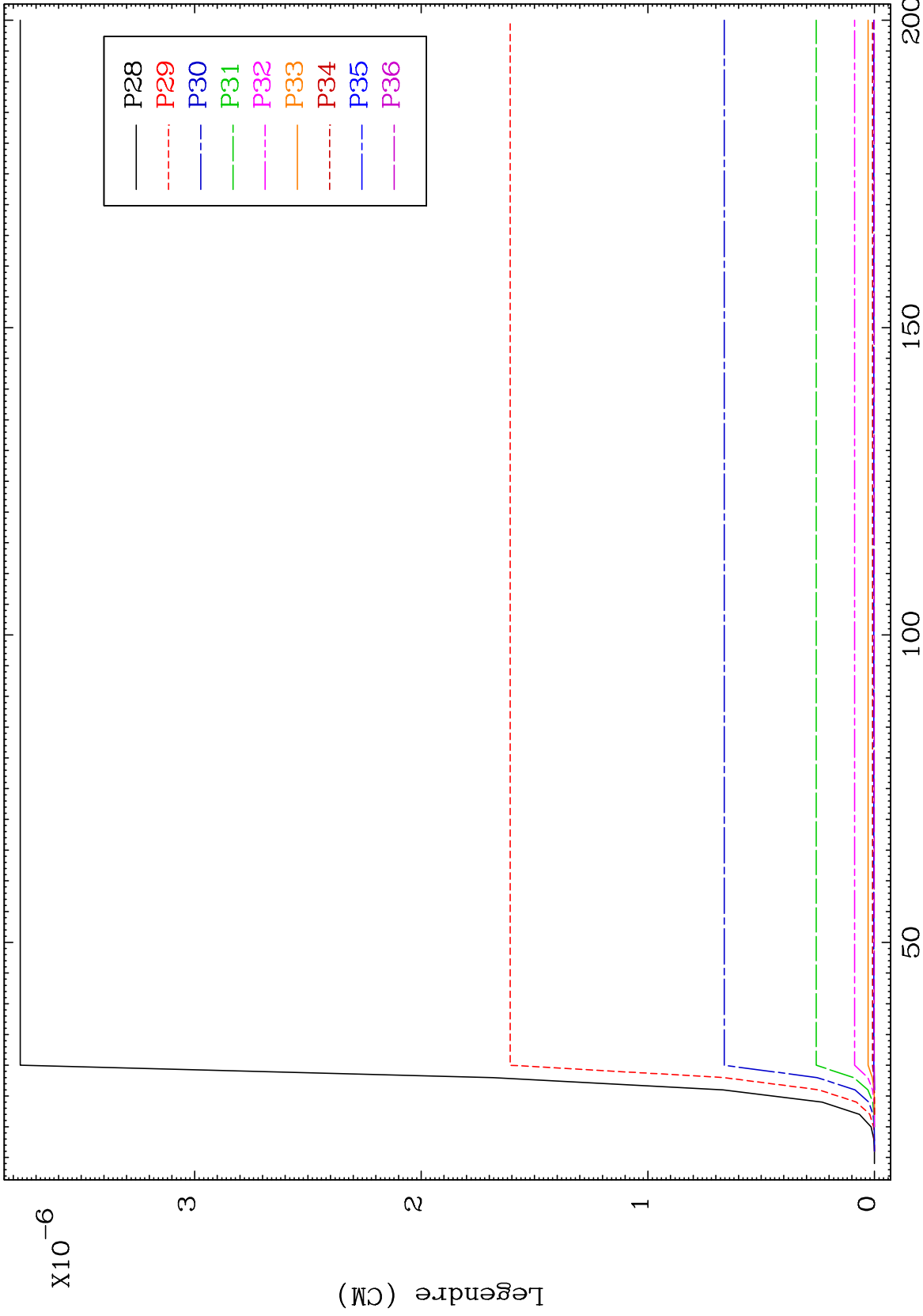
121

79-Au-193

MAT 7913

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

79-Au-193



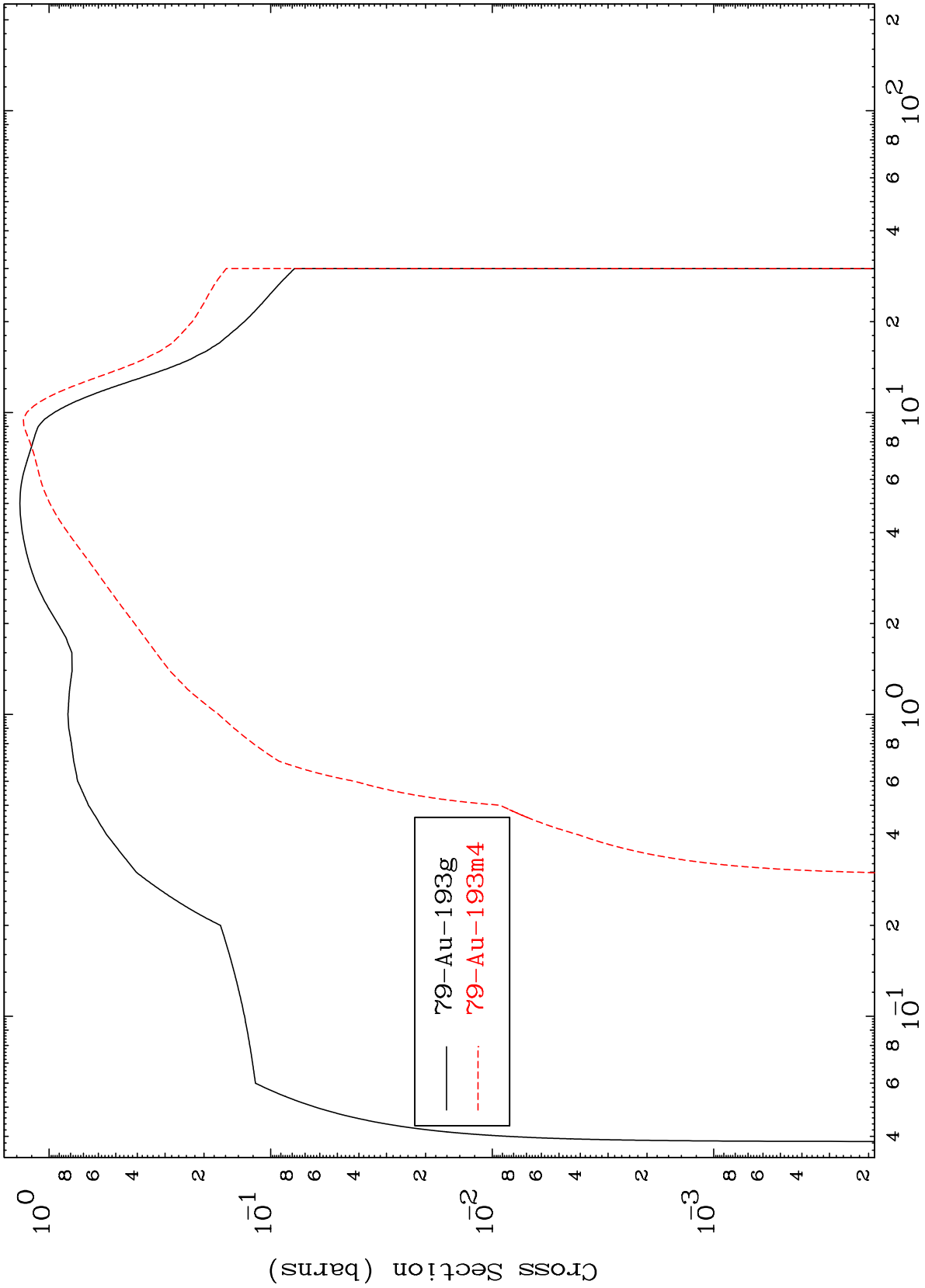
122

79-Au-193

MAT 7913

79-Au-193

Inelastic Radionuclide Production Cross Section



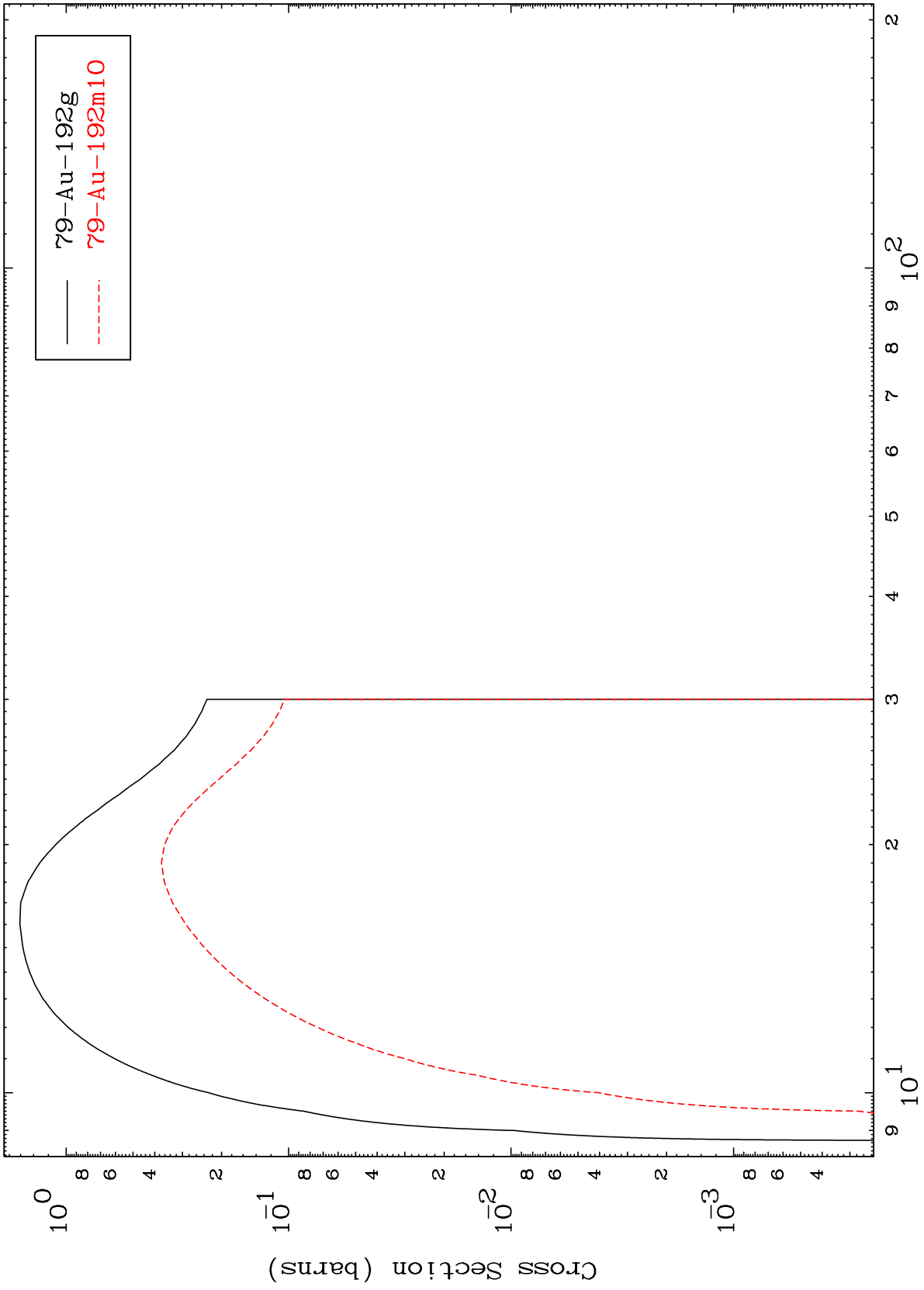
123

79-Au-193

MAT 7913

79-Au-193

(n,2n)
Radionuclide Production Cross Section



124

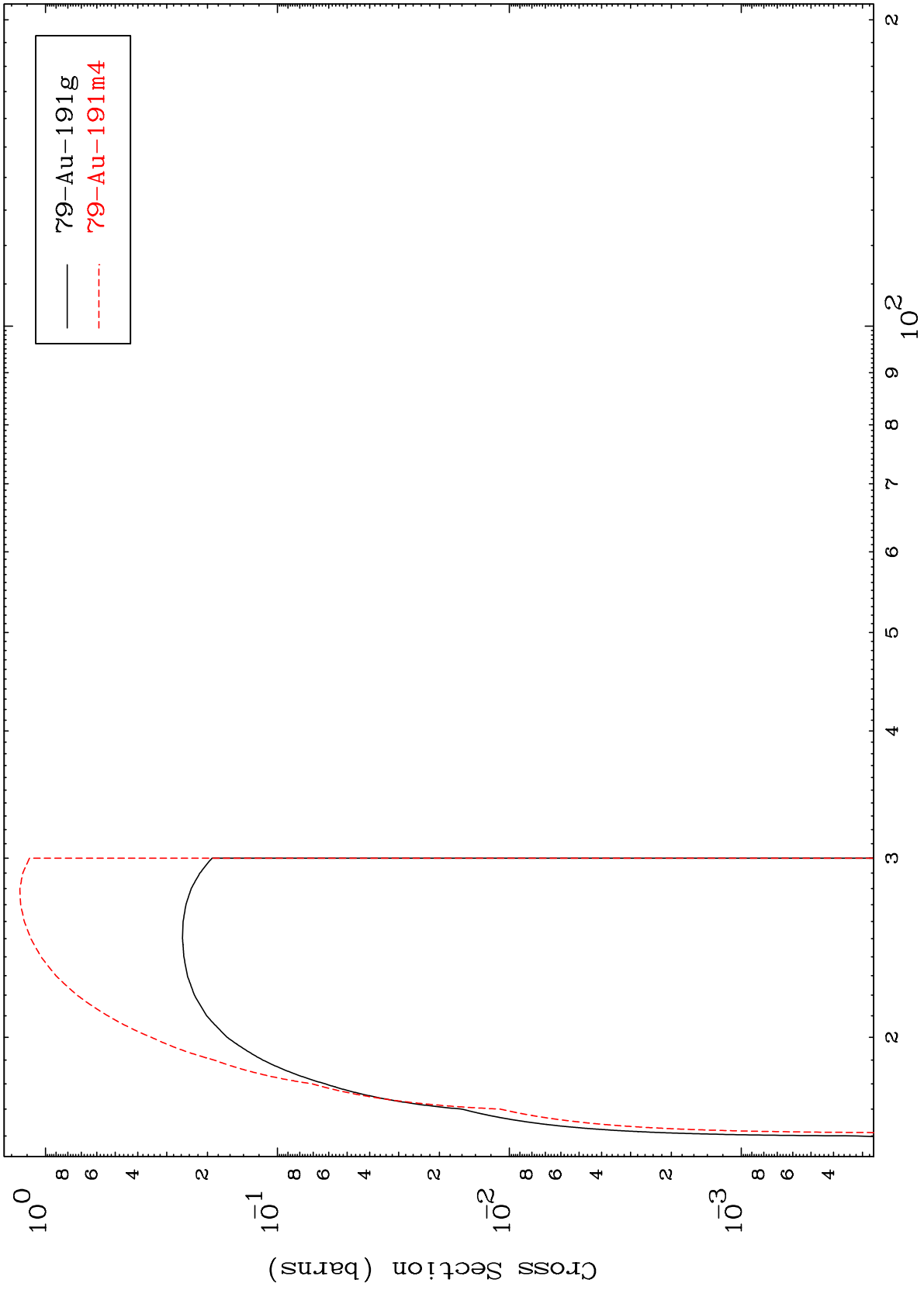
Incident Energy (MeV)

79-Au-193

MAT 7913

79-Au-193

(n,3n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

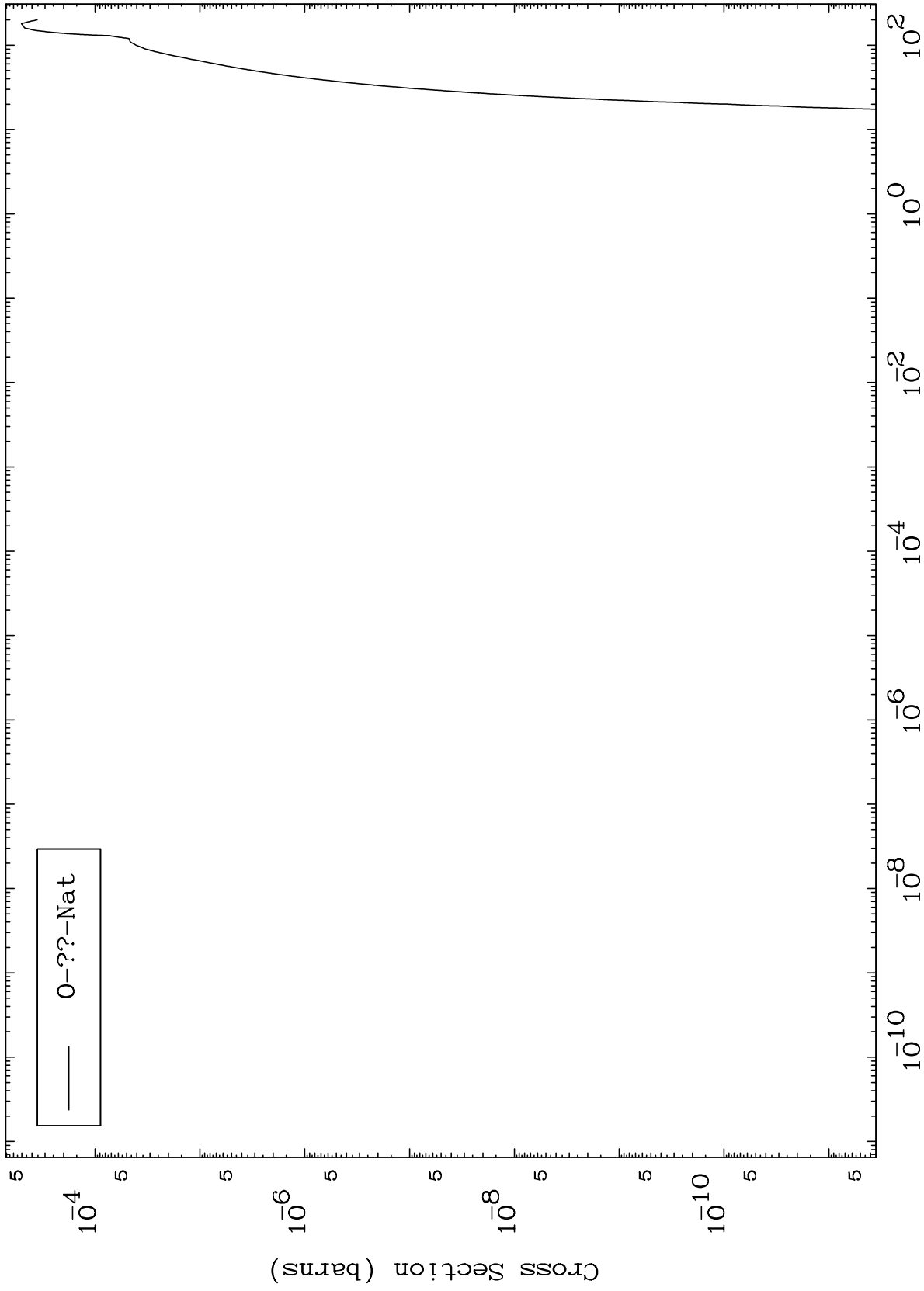
79-Au-193

MAT 7913

Fission

⁷⁹Au-193

Radionuclide Production Cross Section



126

Incident Energy (MeV)

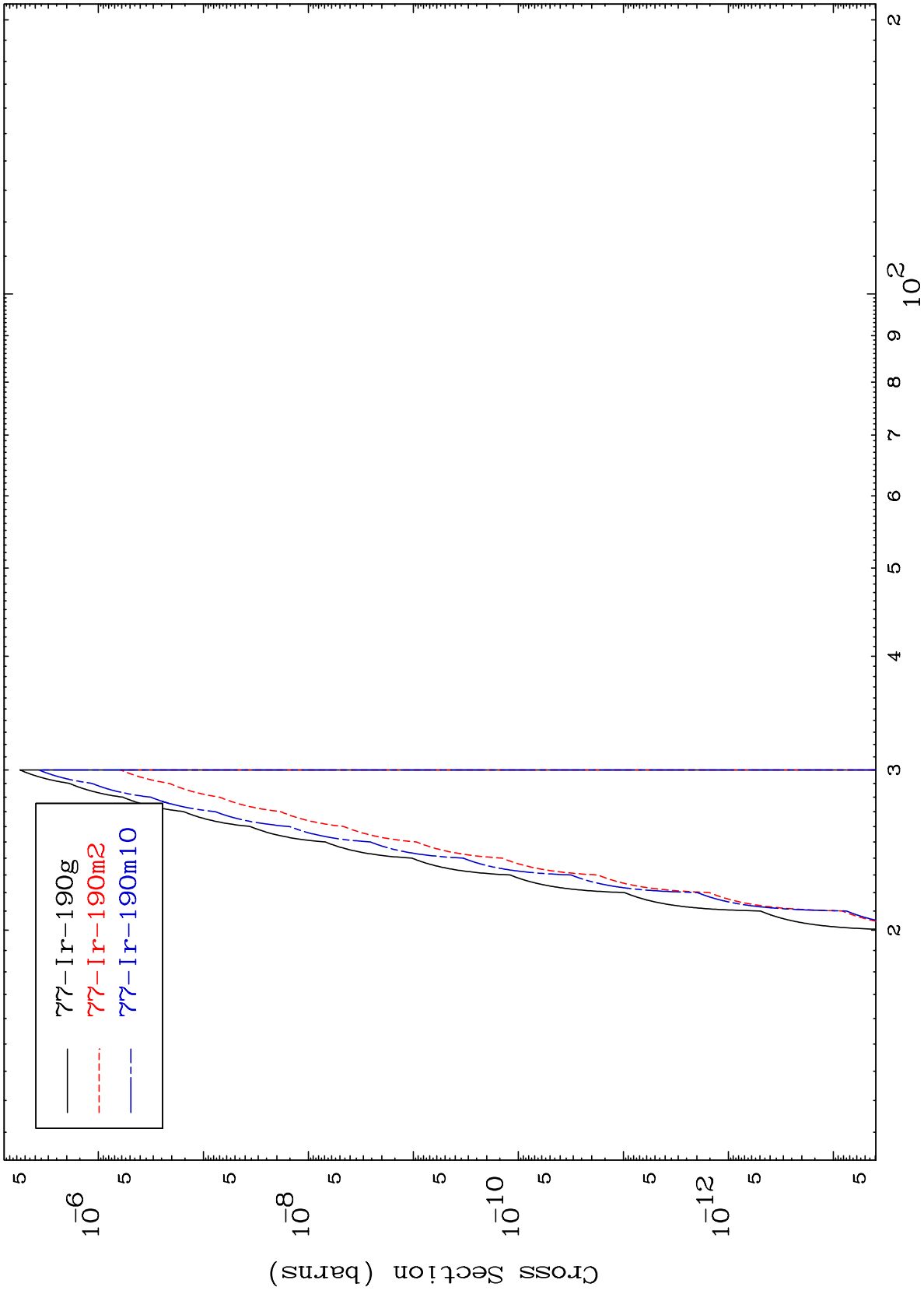
⁷⁹Au-193

MAT 7913

(n, n') He-3

79-Au-193

Radionuclide Production Cross Section



127

Incident Energy (MeV)

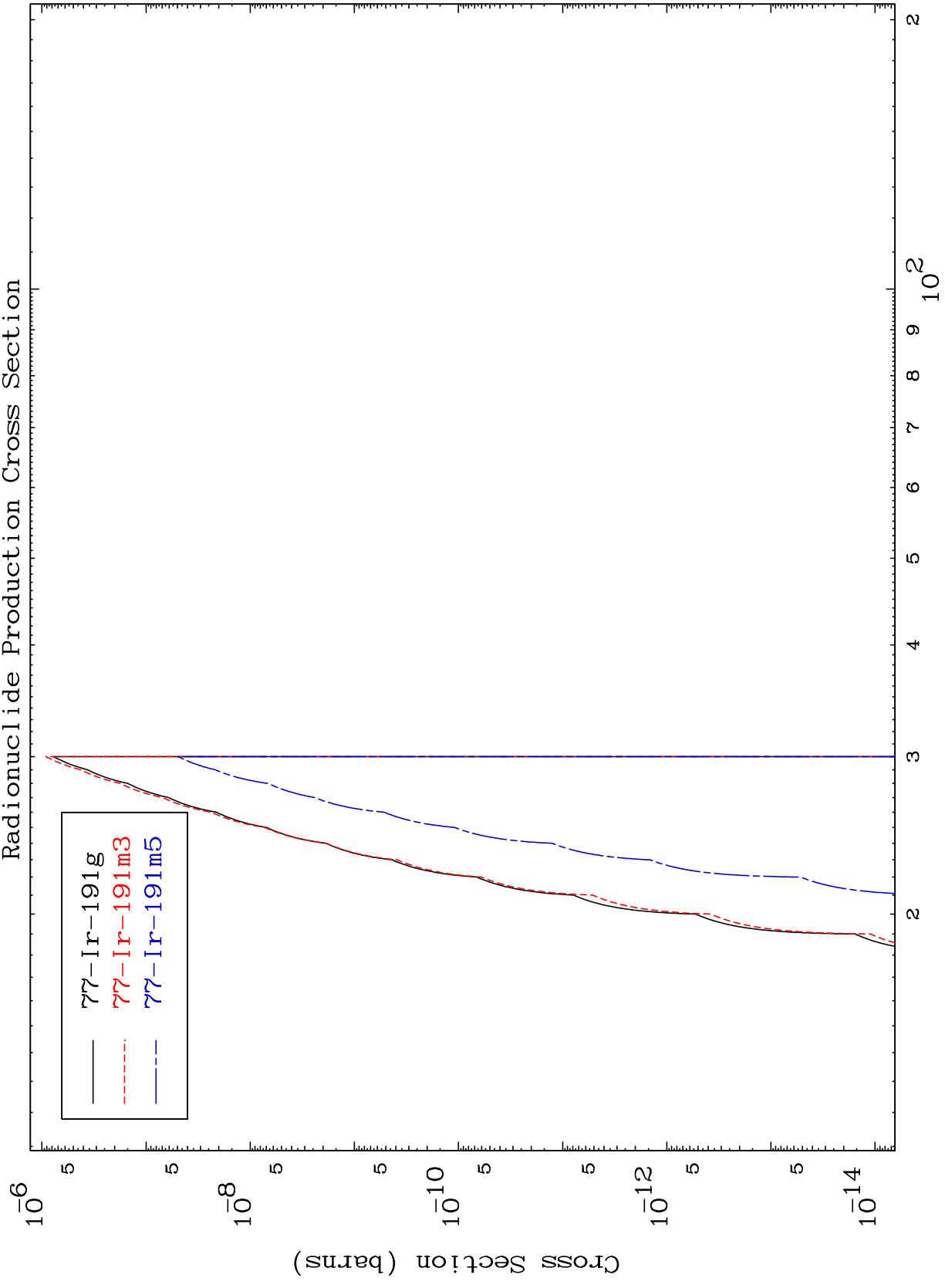
79-Au-193

MAT 7913

(n,2n) p

79-Au-193

Radionuclide Production Cross Section



128

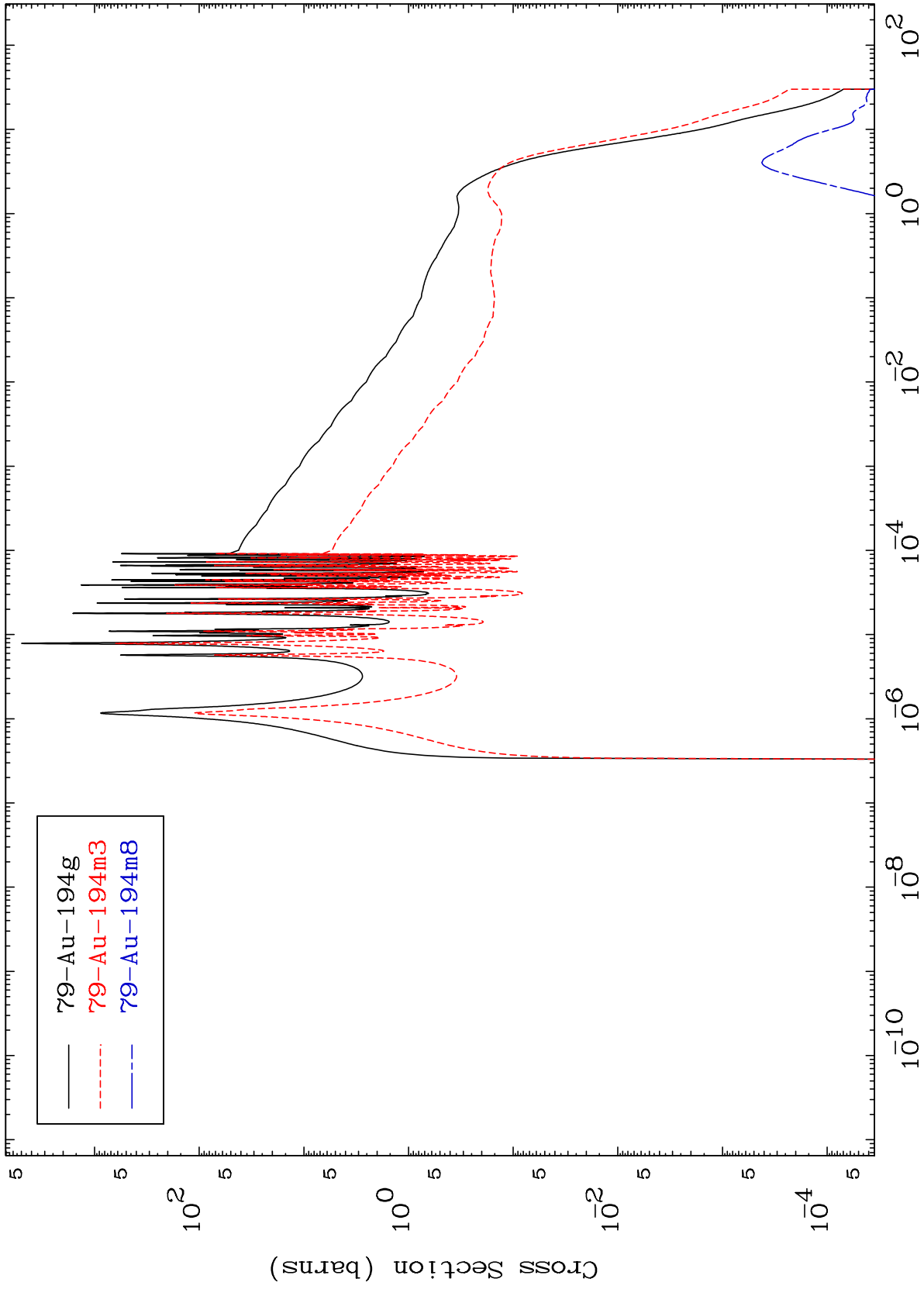
Incident Energy (MeV)

79-Au-193

MAT 7913

⁷⁹Au-193

(n,γ)
Radionuclide Production Cross Section



129

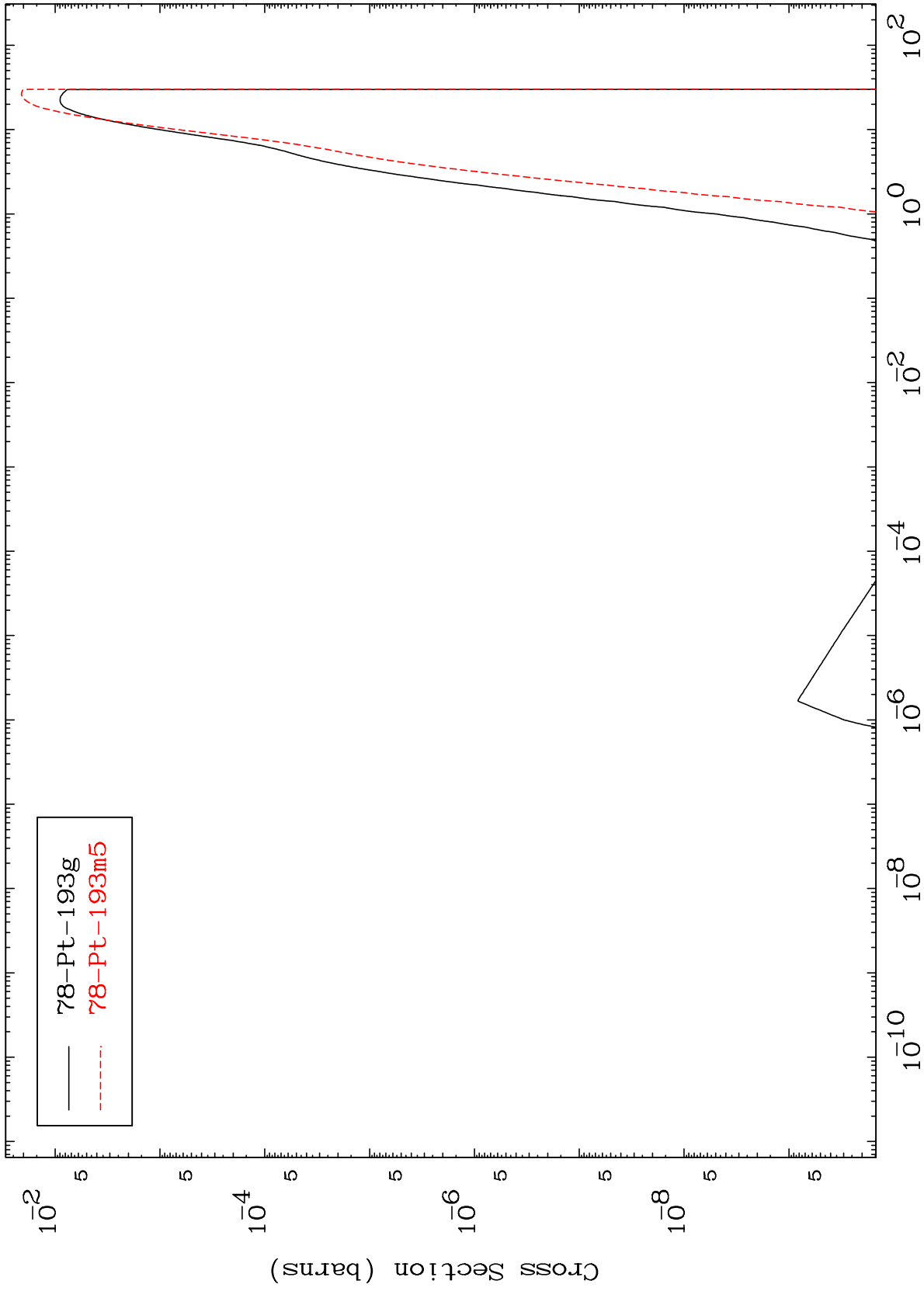
⁷⁹Au-193

MAT 7913

(n,p)

⁷⁹Au-193

Radionuclide Production Cross Section



— 78-Pt-193g
- - - 78-Pt-193m5

130

Incident Energy (MeV)

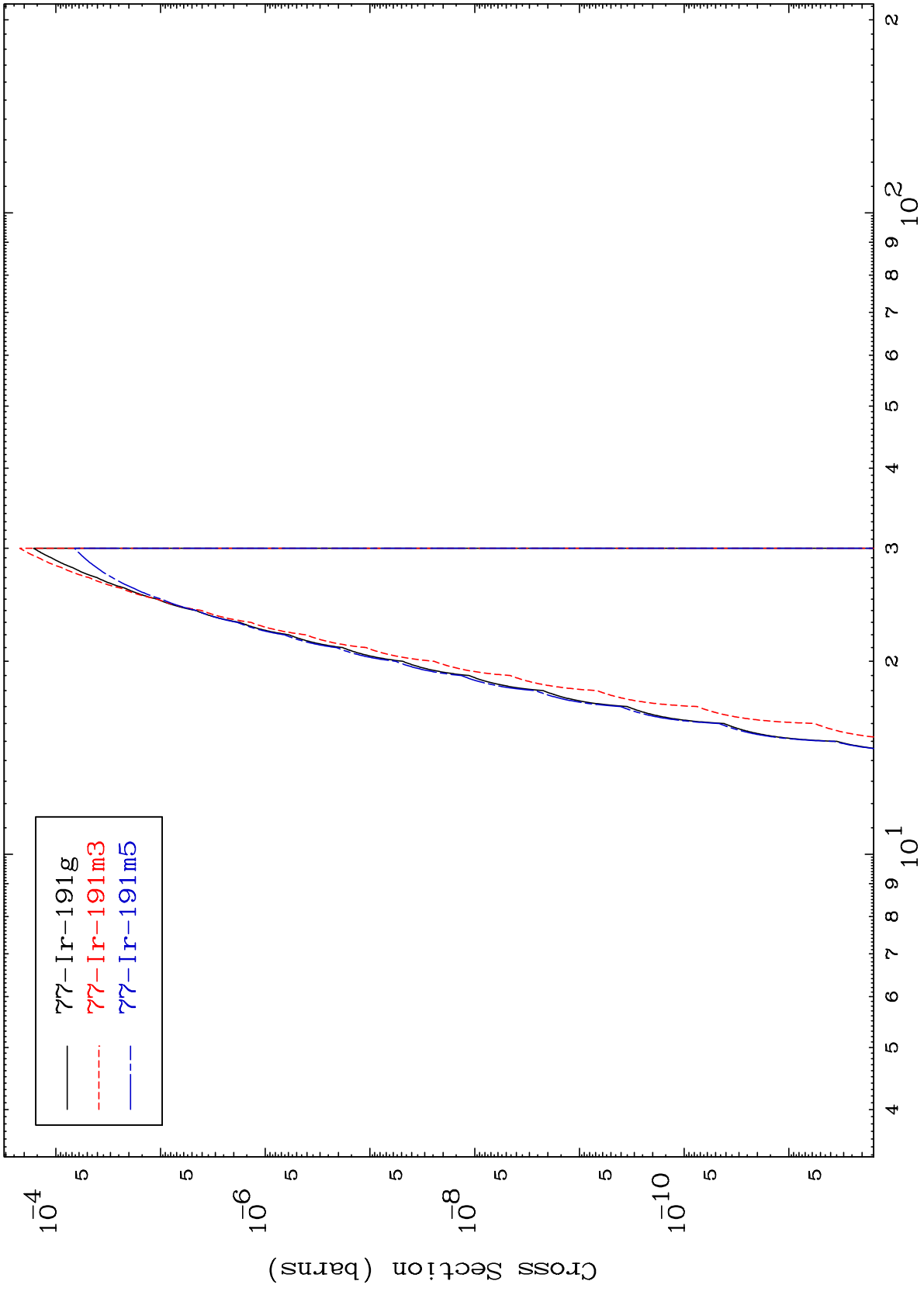
⁷⁹Au-193

MAT 7913

(n, He-3)

79-Au-193

Radionuclide Production Cross Section



131

Incident Energy (MeV)

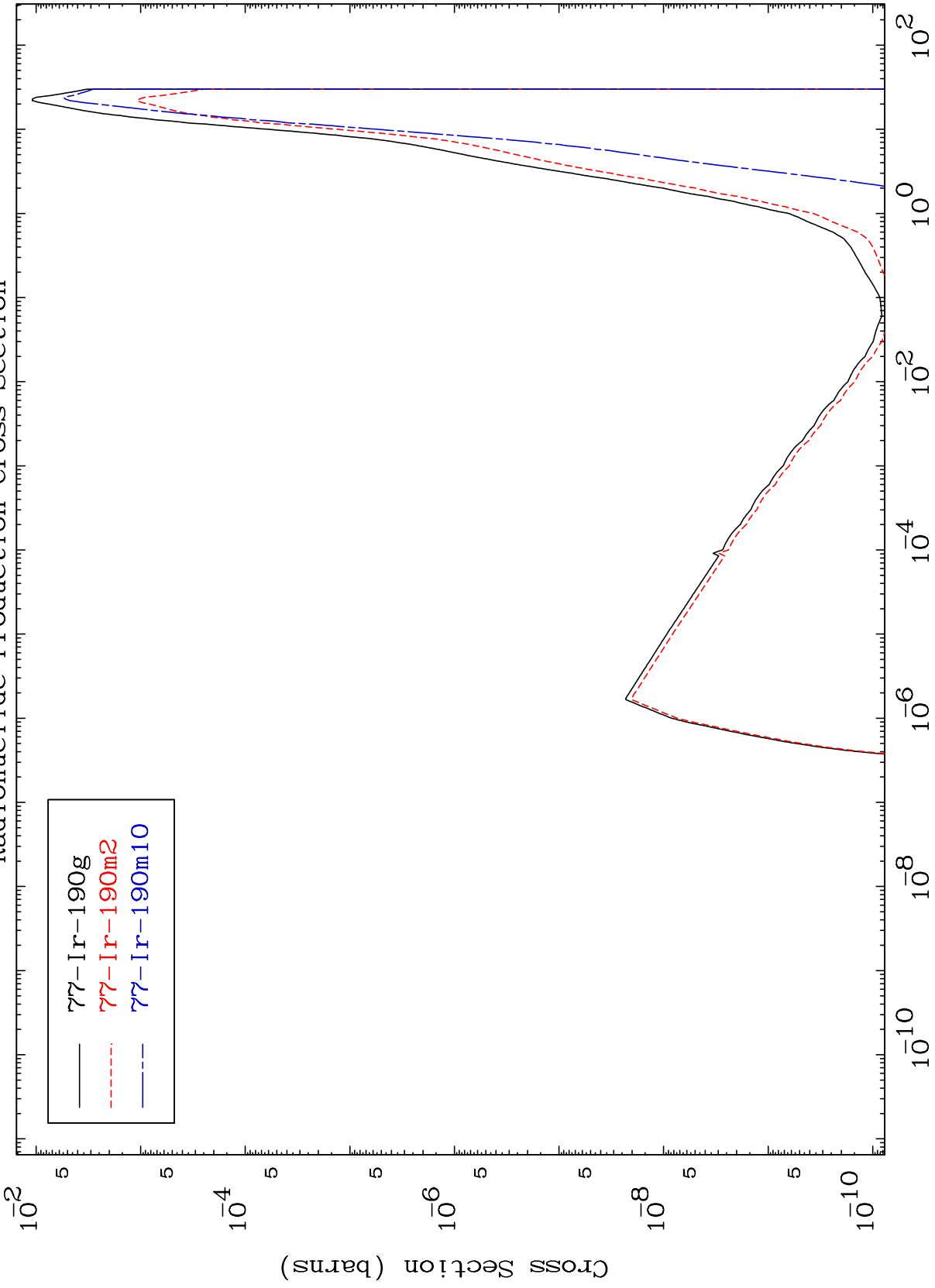
79-Au-193

MAT 7913

(n, α)

79-Au-193

Radionuclide Production Cross Section



132

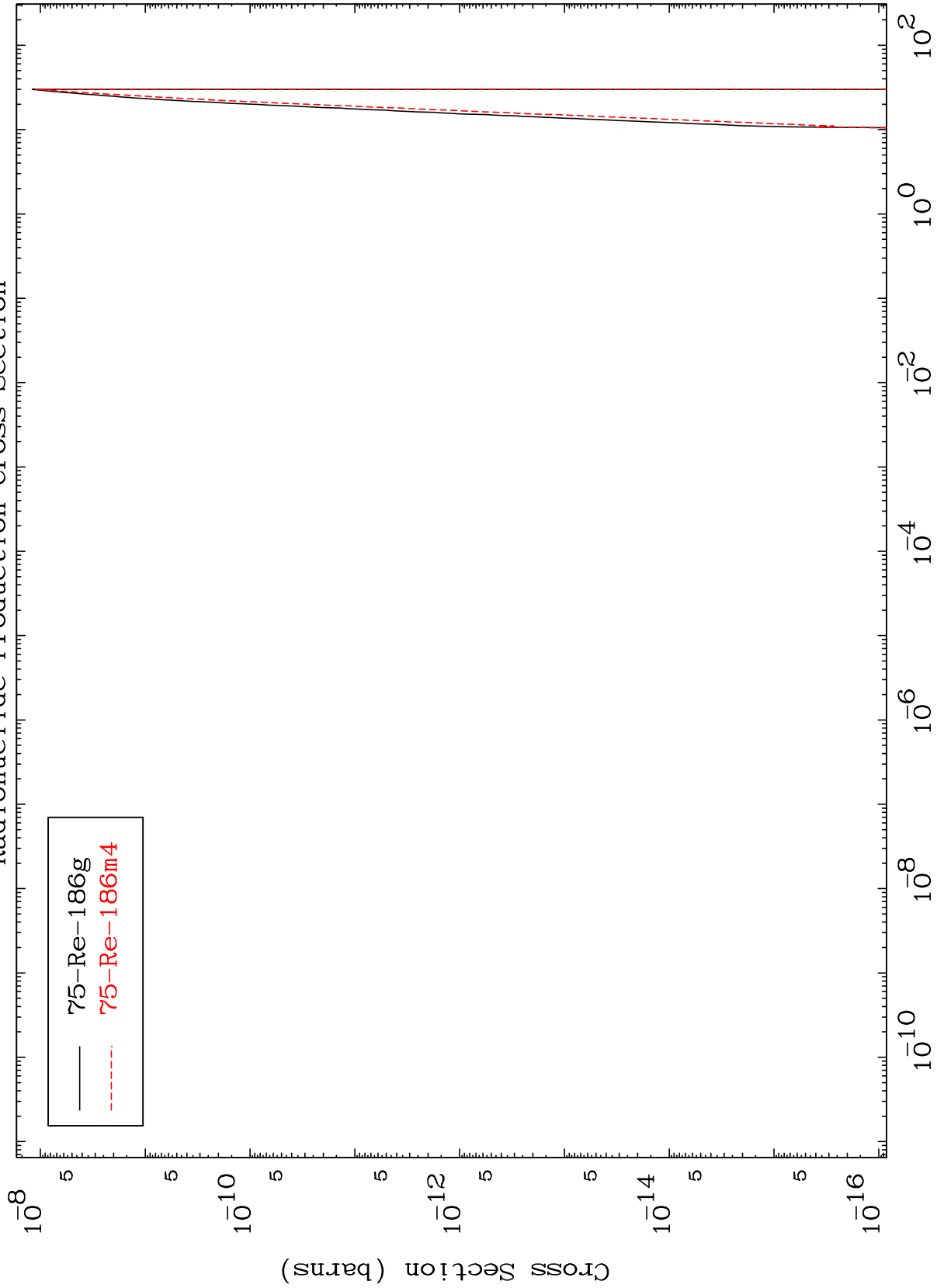
79-Au-193

MAT 7913

(n,2α)

79-Au-193

Radionuclide Production Cross Section



75-Re-186g
75-Re-186m4

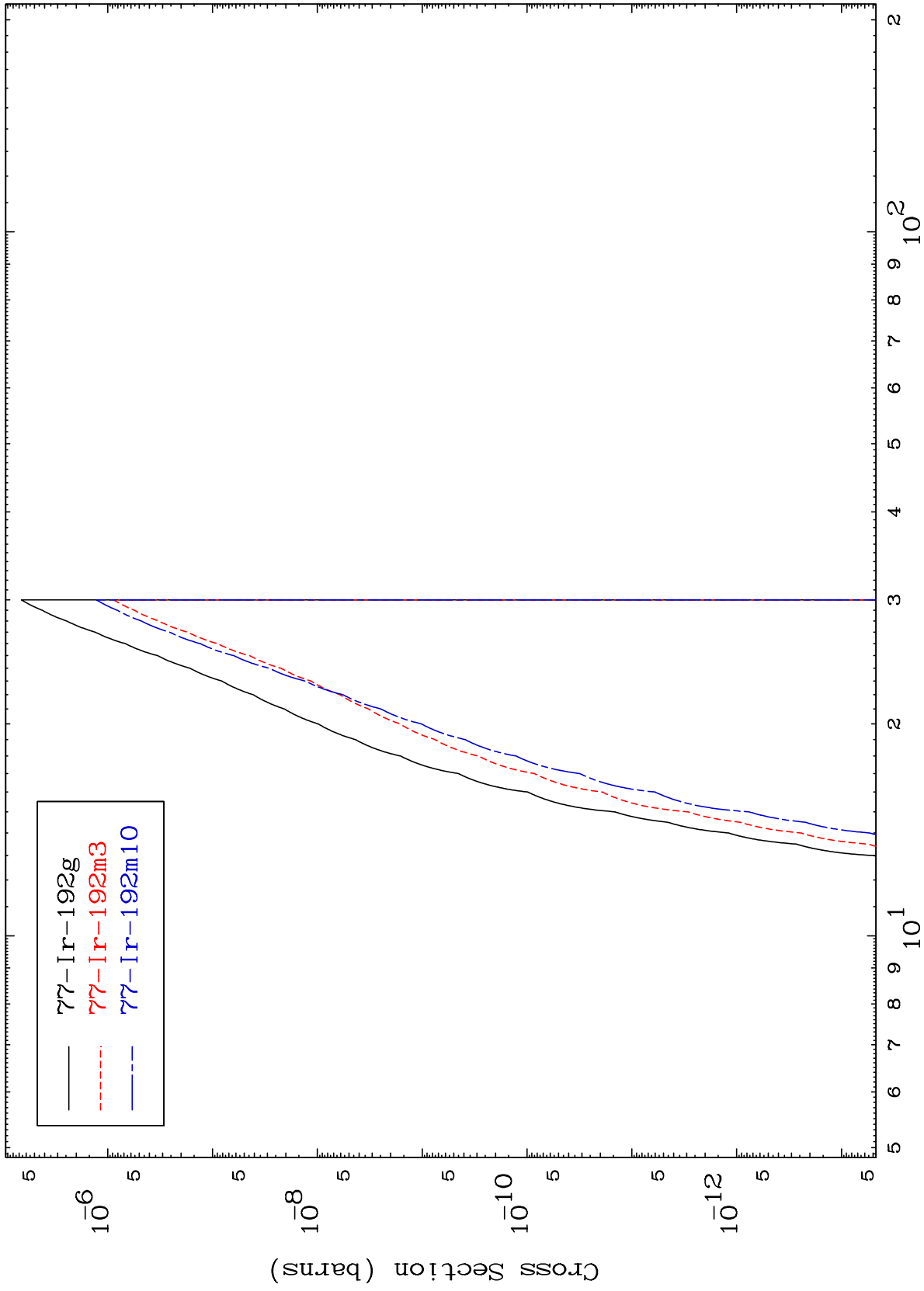
133

79-Au-193

MAT 7913

79-Au-193

Radionuclide Production Cross Section (n,2p)



134

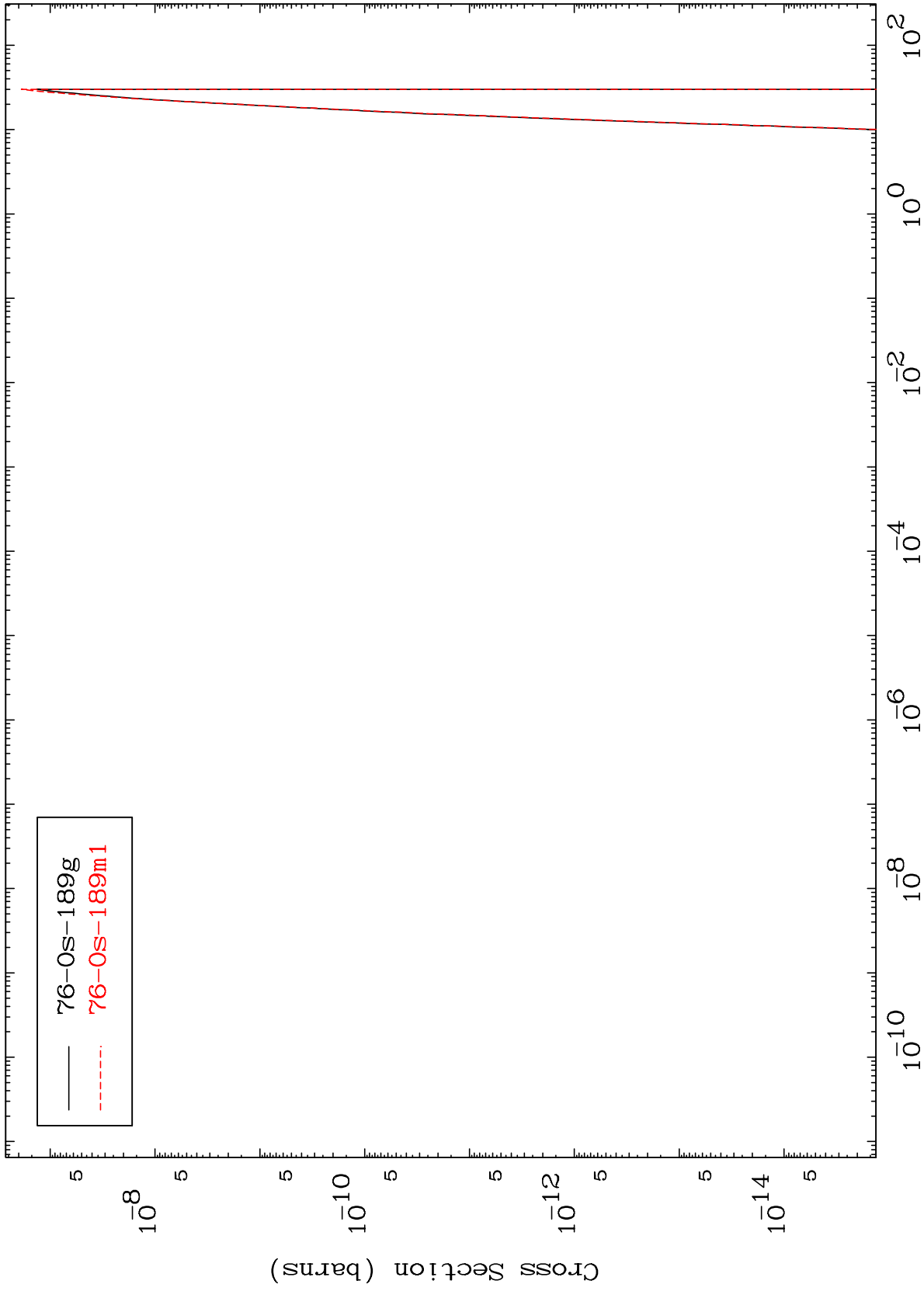
79-Au-193

MAT 7913

(n,p) α

79-Au-193

Radionuclide Production Cross Section



135

Incident Energy (MeV)

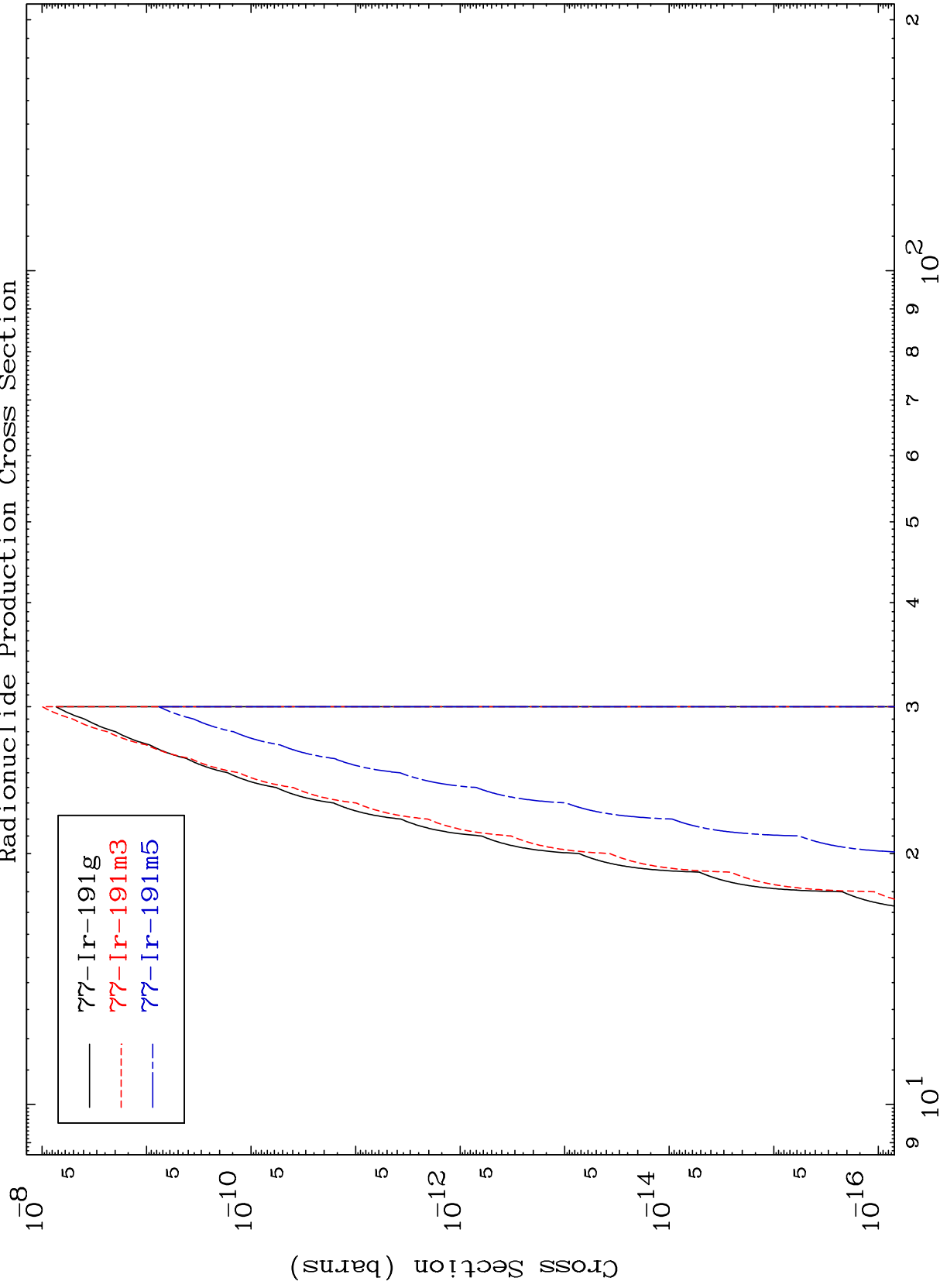
79-Au-193

MAT 7913

(n,p) d

79-Au-193

Radionuclide Production Cross Section



136

Incident Energy (MeV)

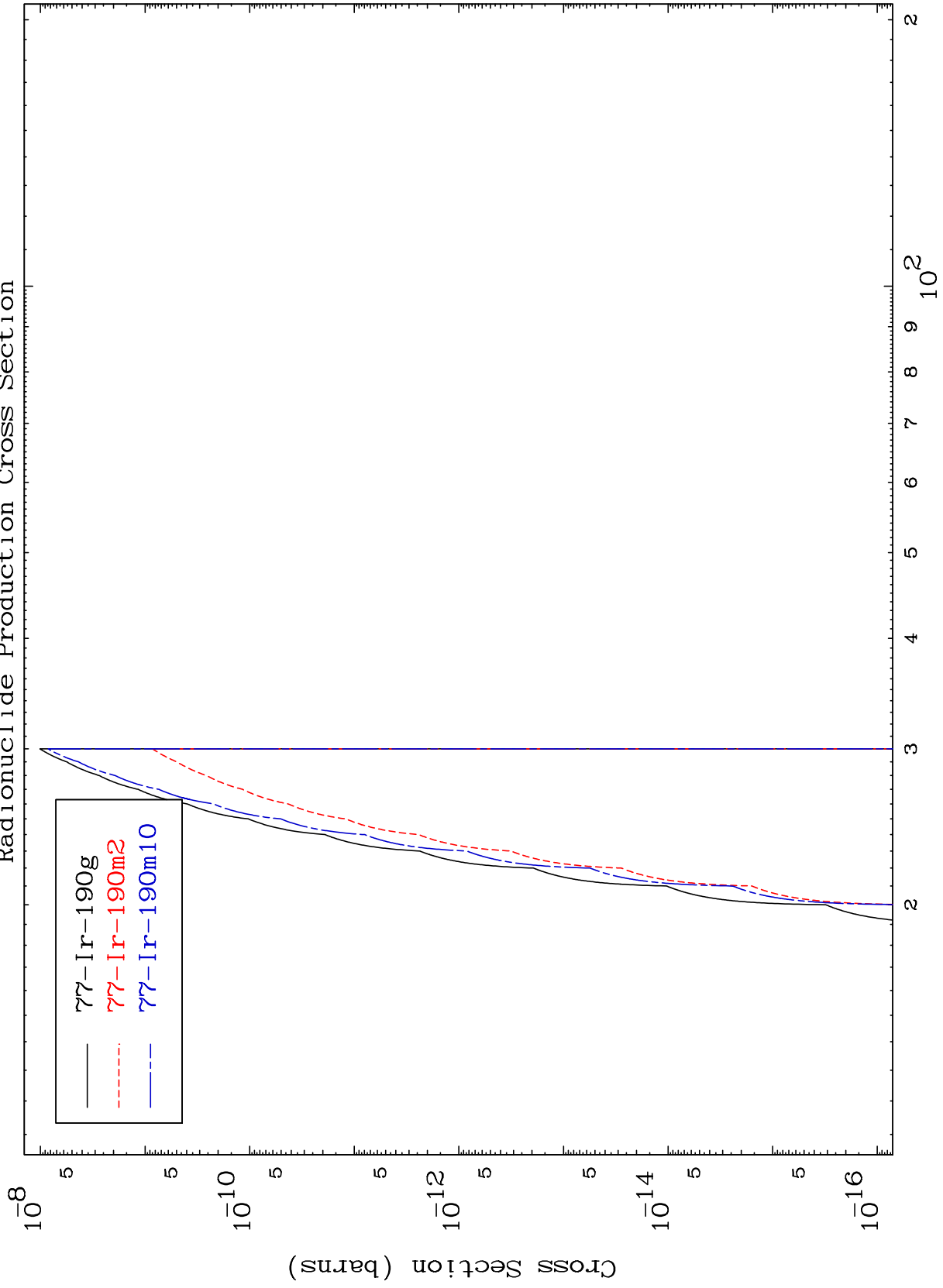
79-Au-193

MAT 7913

(n,p) t

79-Au-193

Radionuclide Production Cross Section



137

Incident Energy (MeV)

79-Au-193