

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

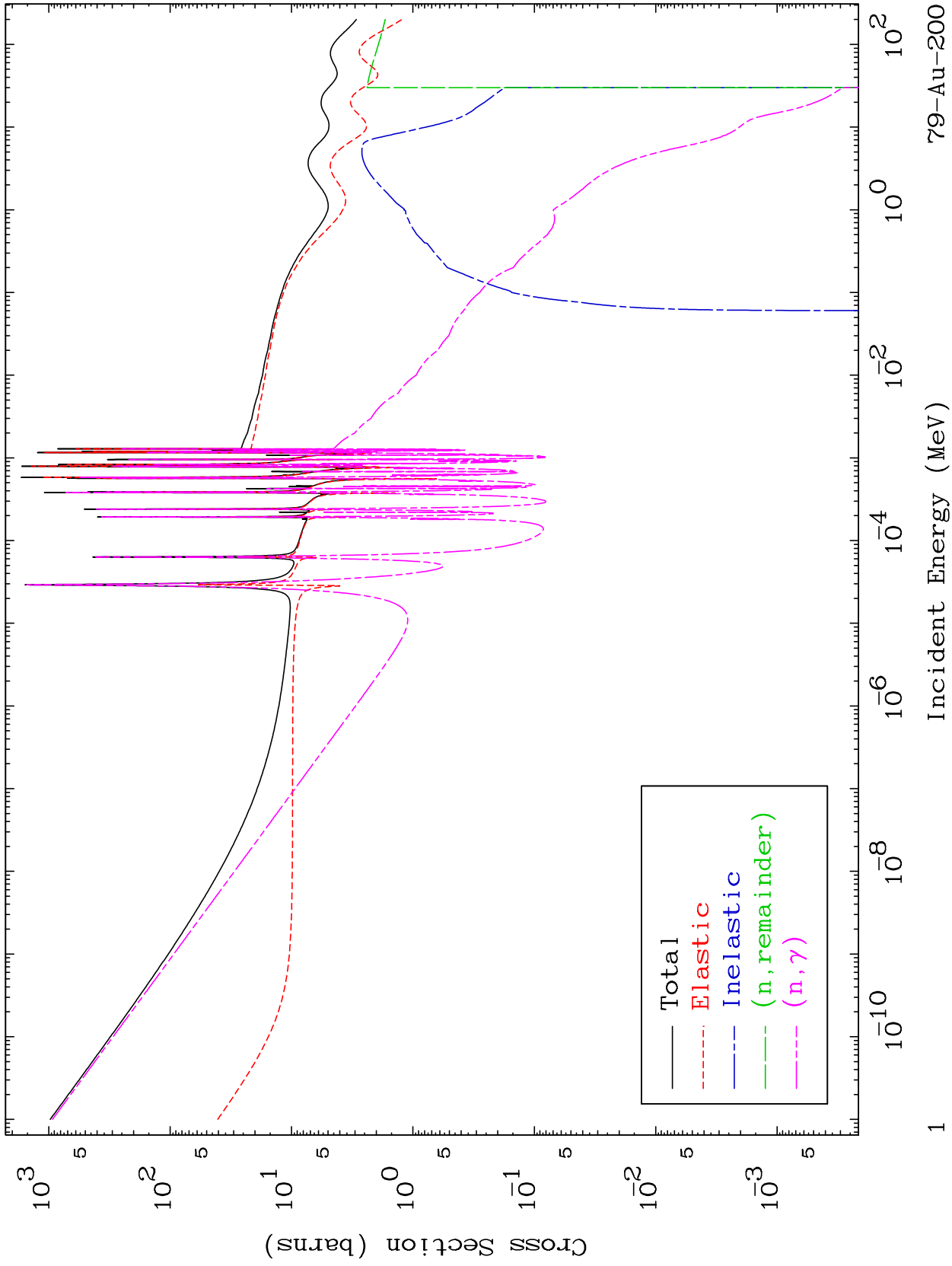
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7934

Major
293 Kelvin Cross Sections

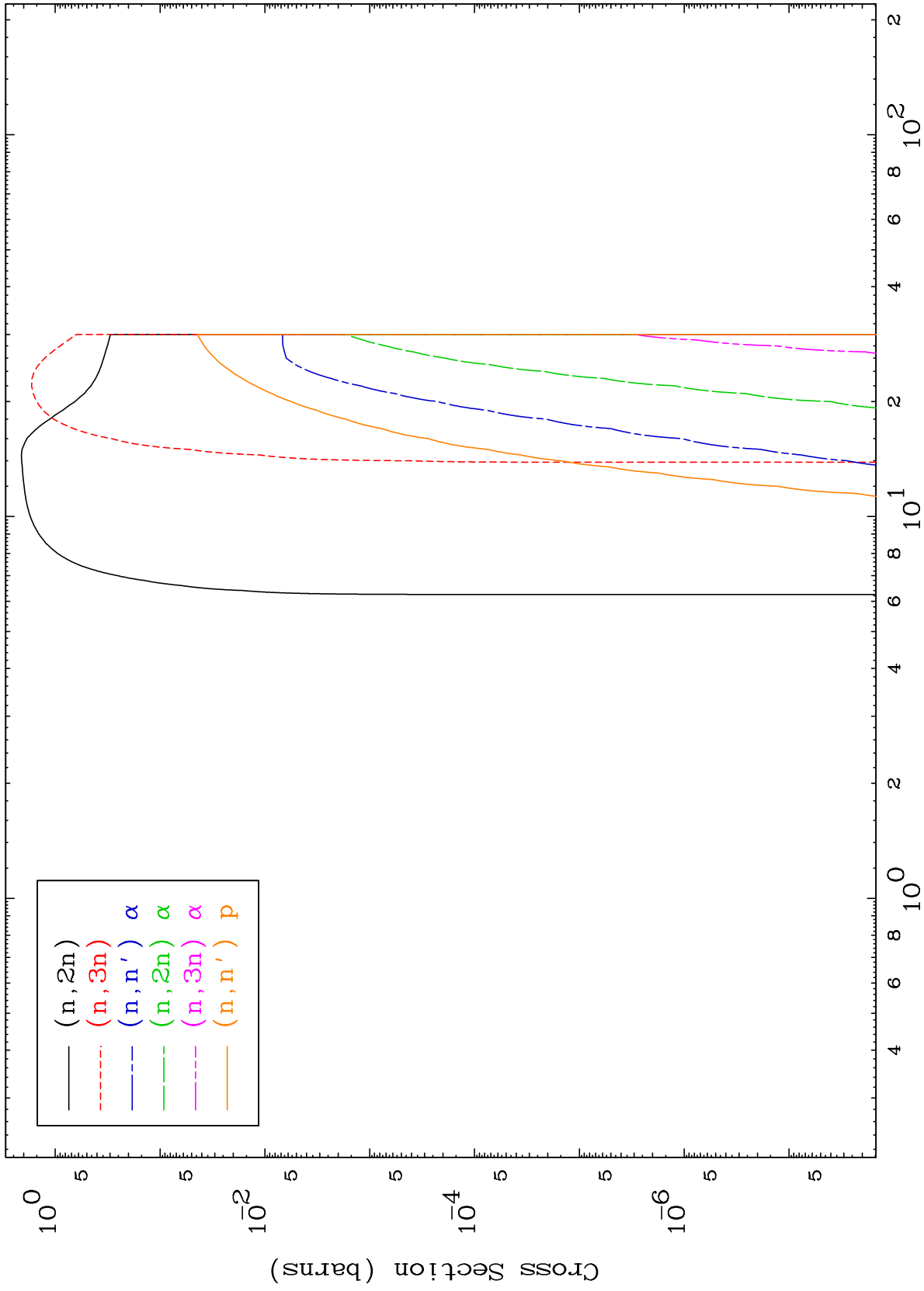
79-Au-200



MAT 7934

Neutron Production
293 Kelvin Cross Sections

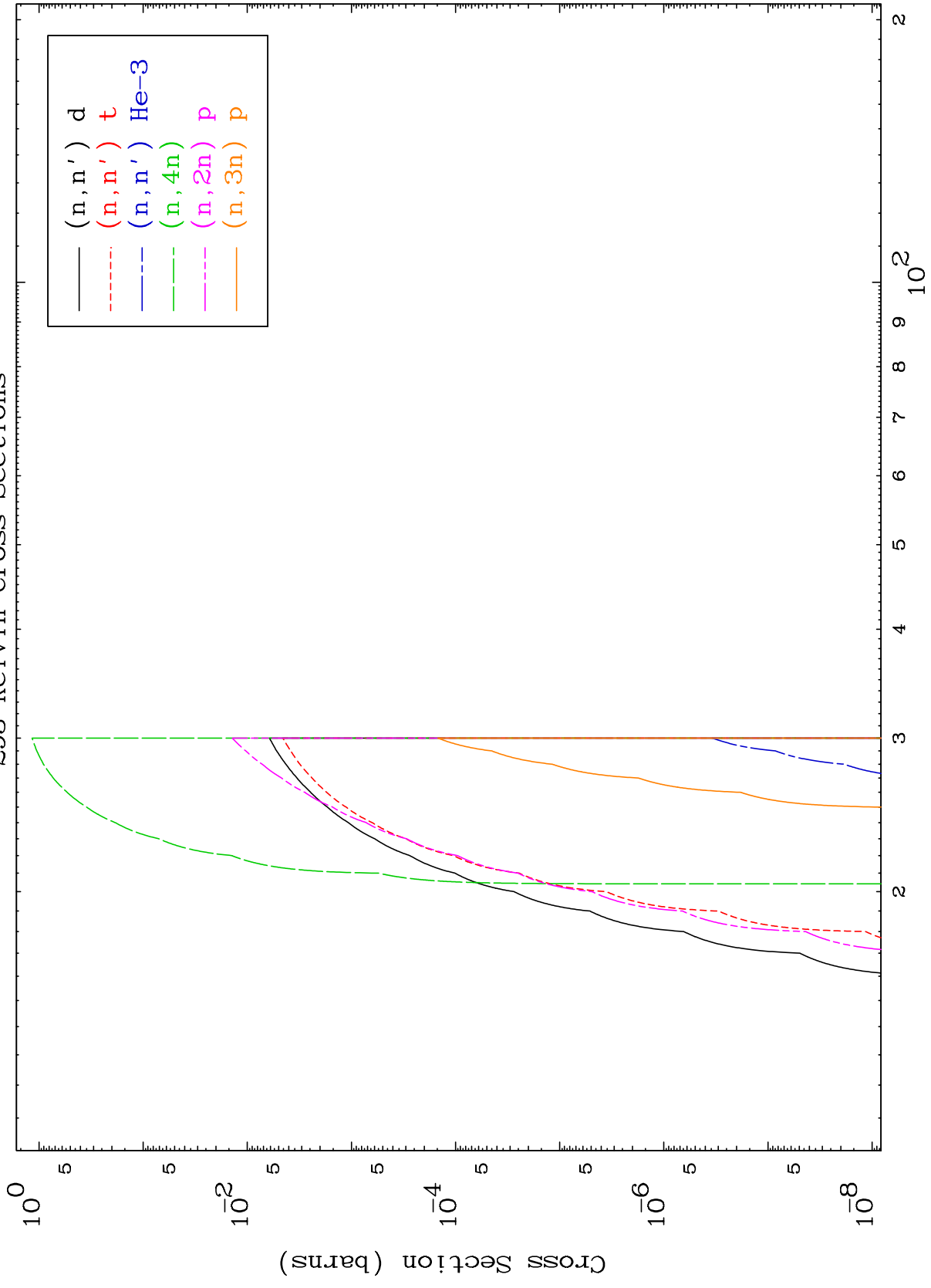
79-Au-200



2

Incident Energy (MeV)

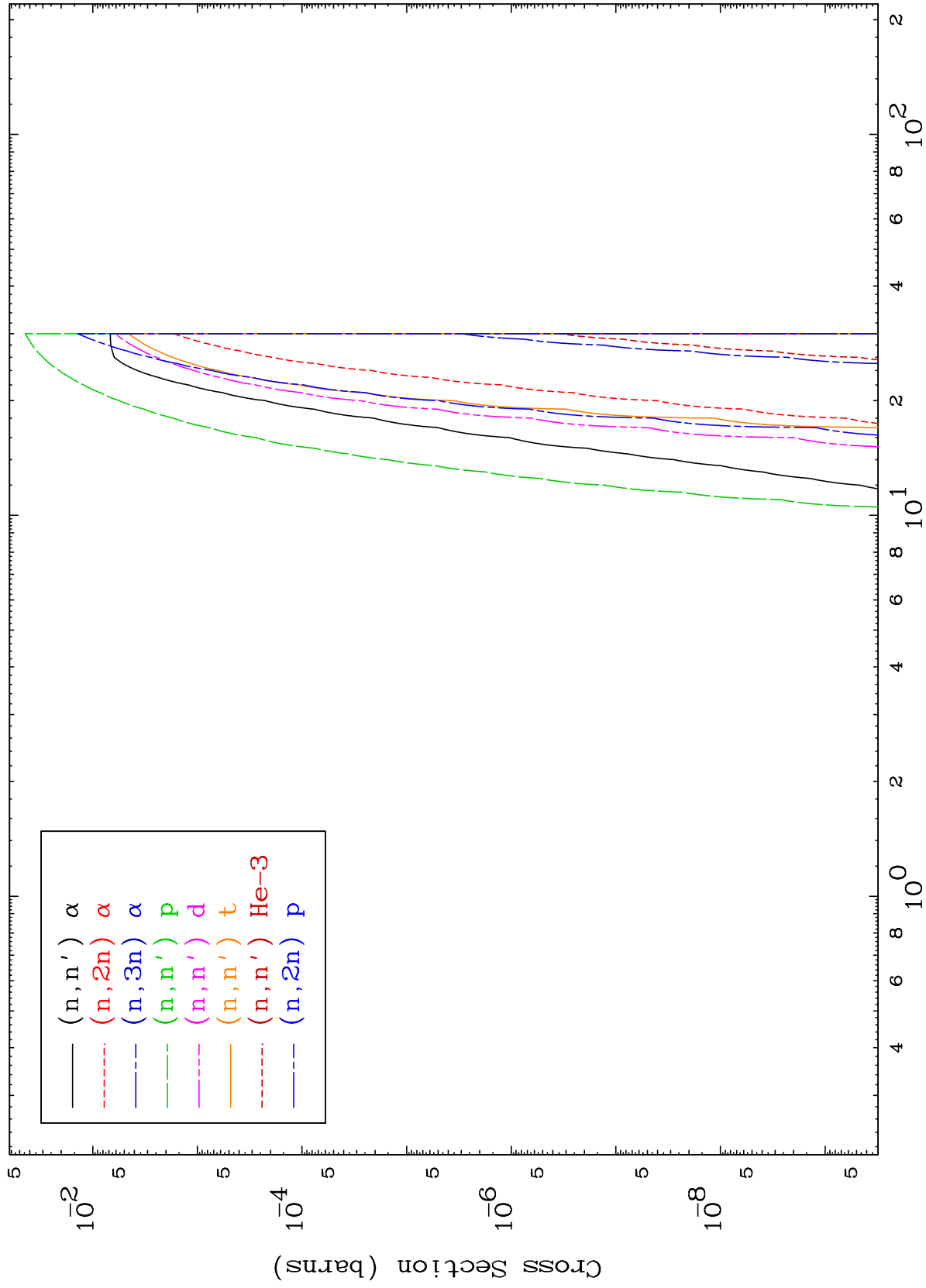
79-Au-200



MAT 7934

293 Kelvin Cross Sections

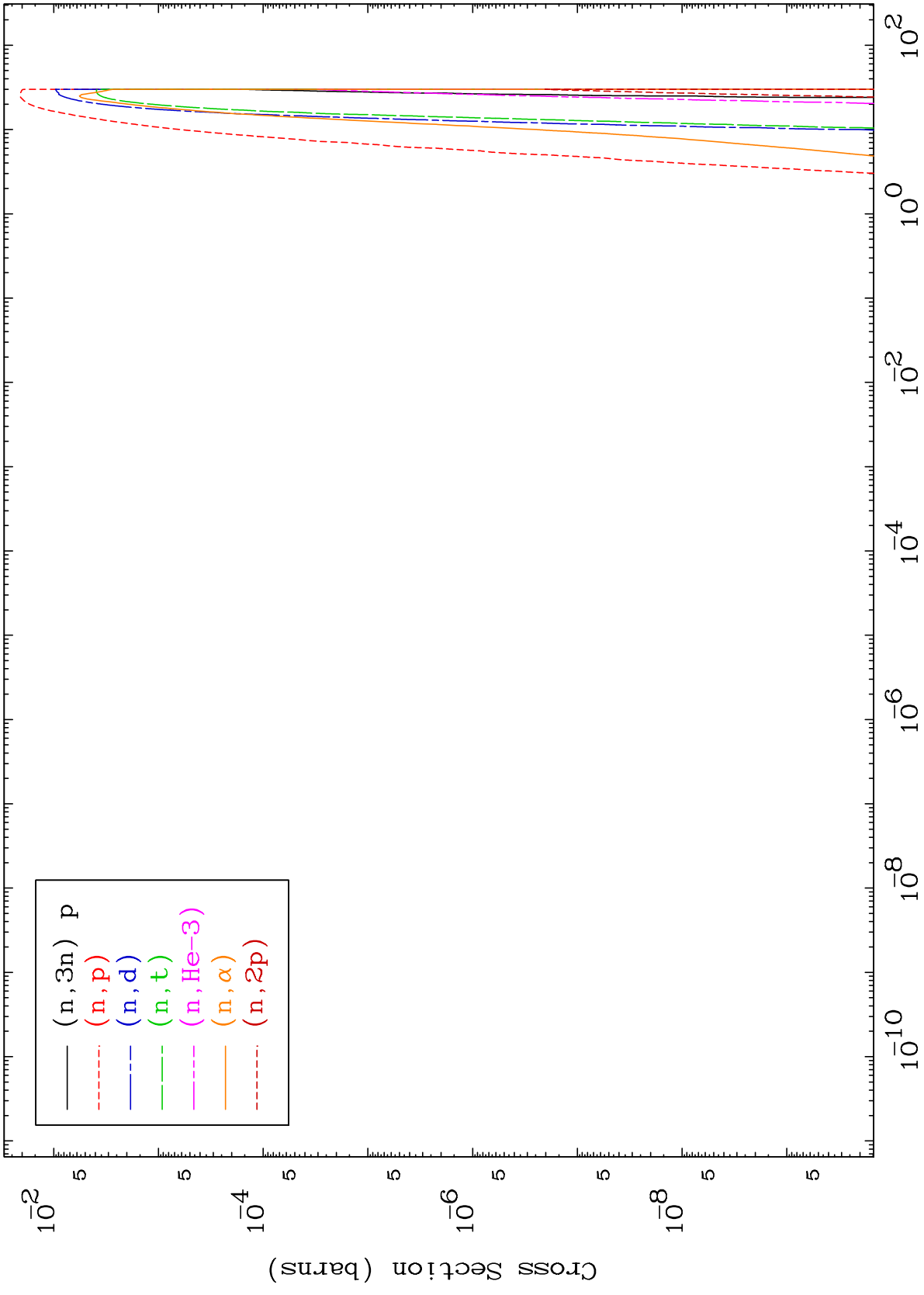
79-Au-200



MAT 7934

Charged Particle
293 Kelvin Cross Sections

79-Au-200

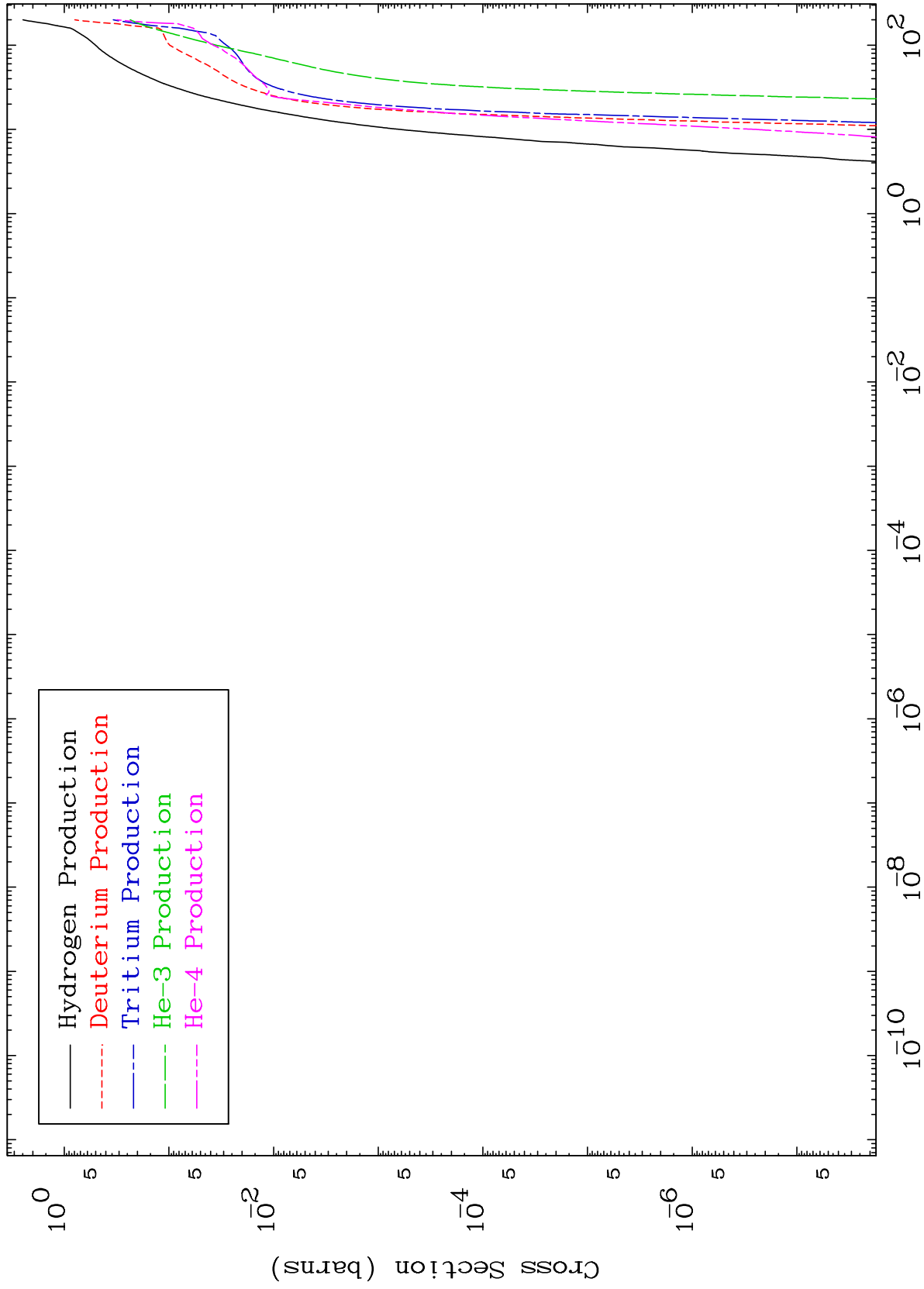


79-Au-200

MAT 7934

Particle Production
293 Kelvin Cross Sections

79-Au-200



6

Incident Energy (MeV)

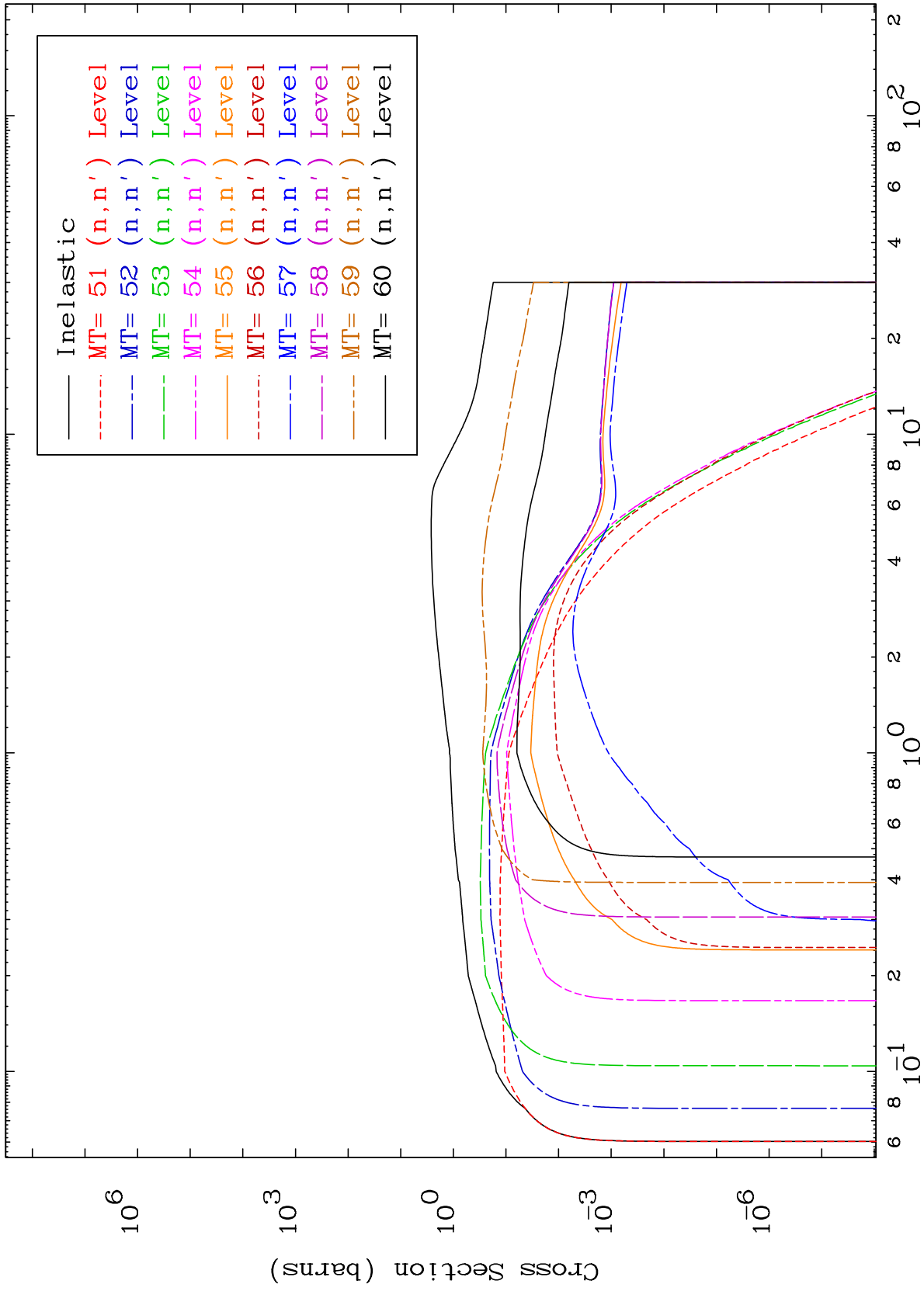
79-Au-200

MAT 7934

(n,n') Level

79-Au-200

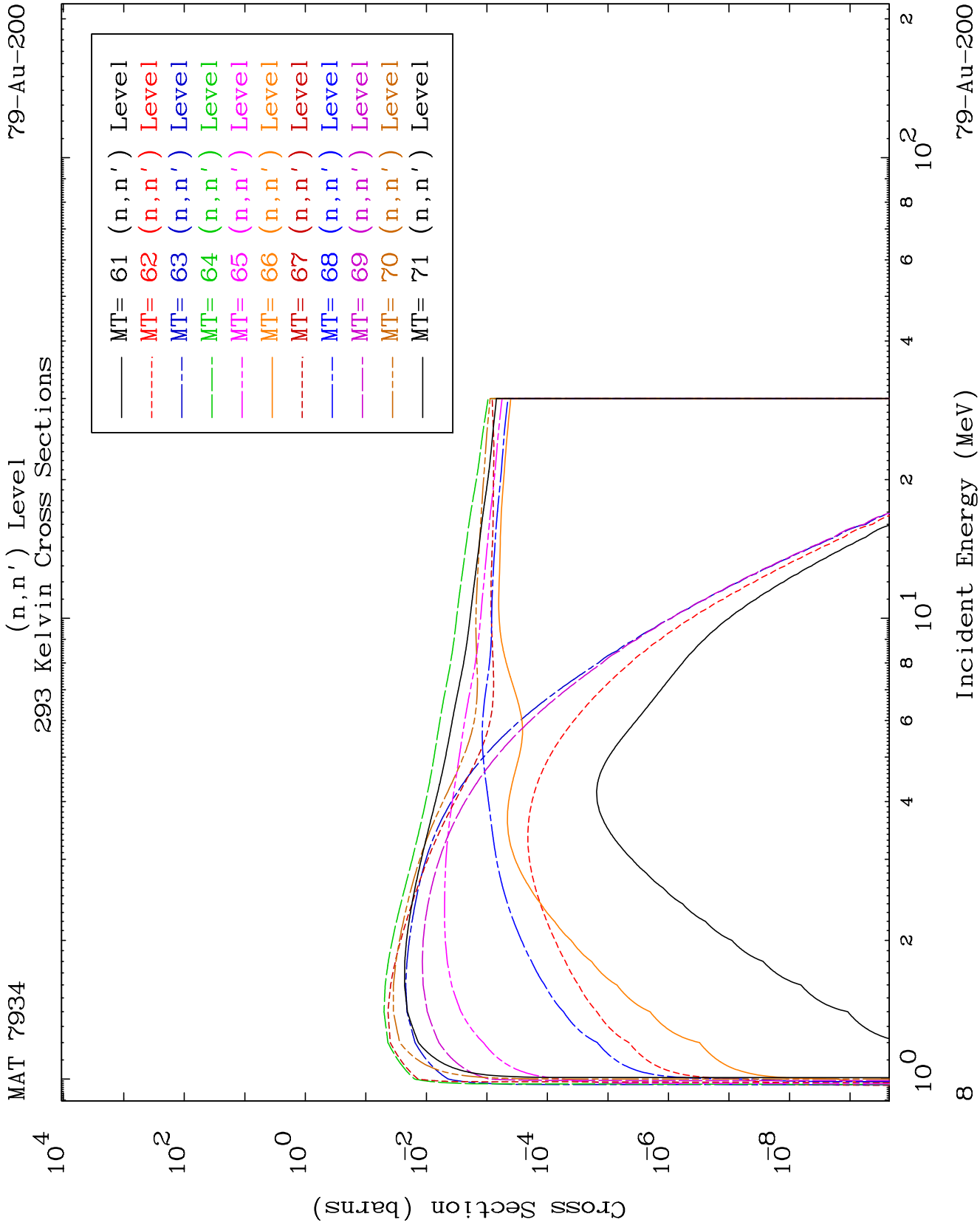
293 Kelvin Cross Sections



7

Incident Energy (MeV)

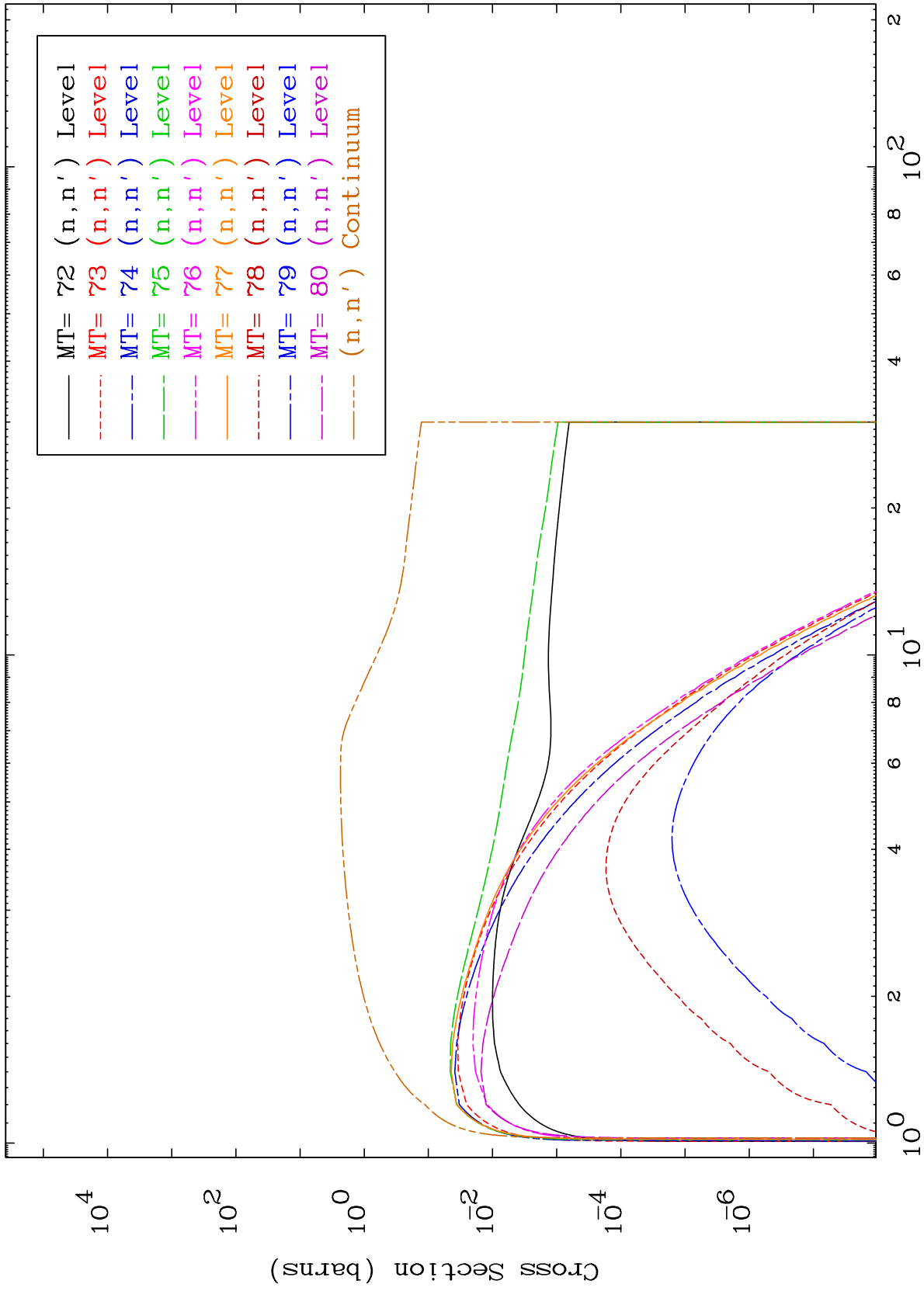
79-Au-200



MAT 7934

(n,n') Level
293 Kelvin Cross Sections

79-Au-200



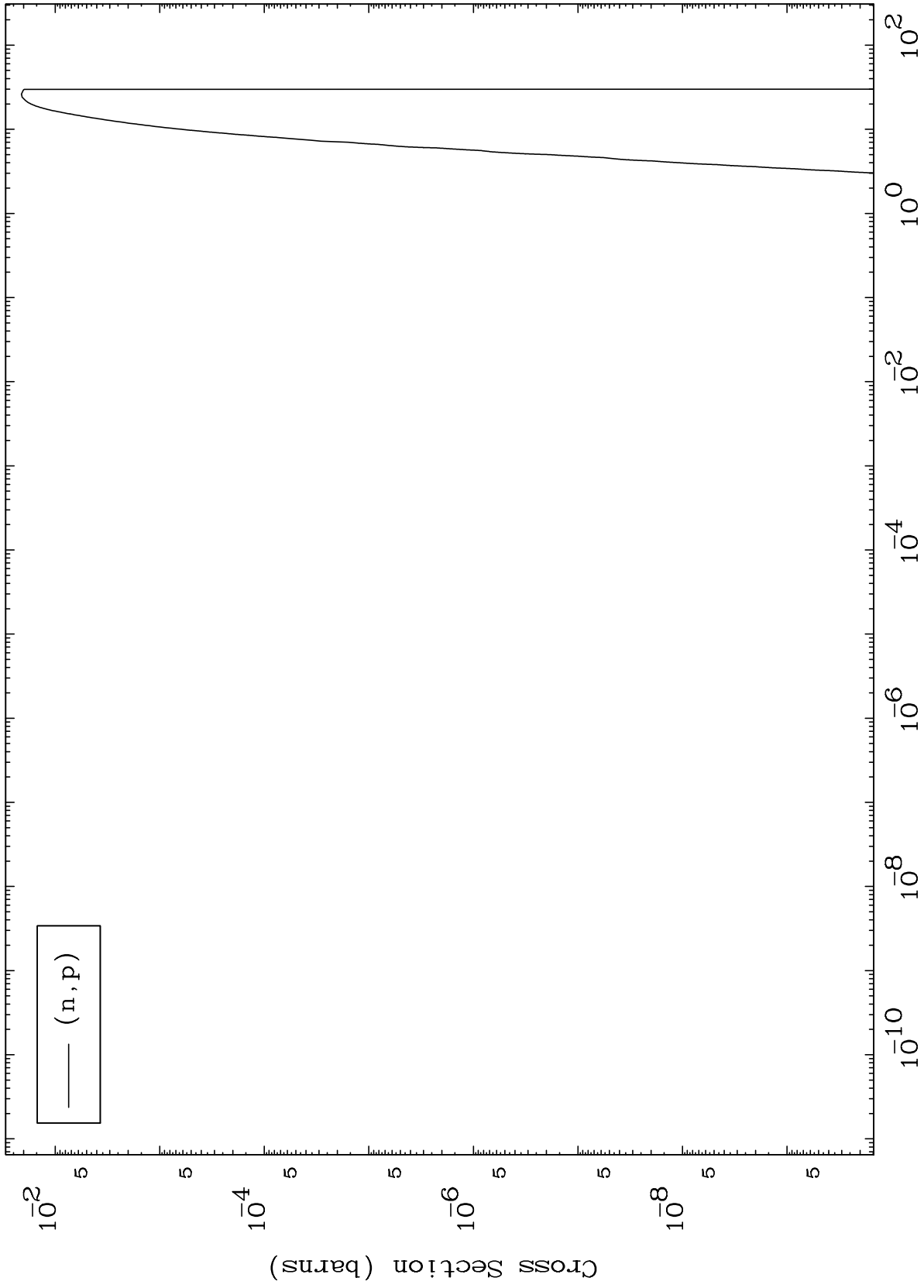
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,p) Levels
293 Kelvin Cross Sections

79-Au-200



10

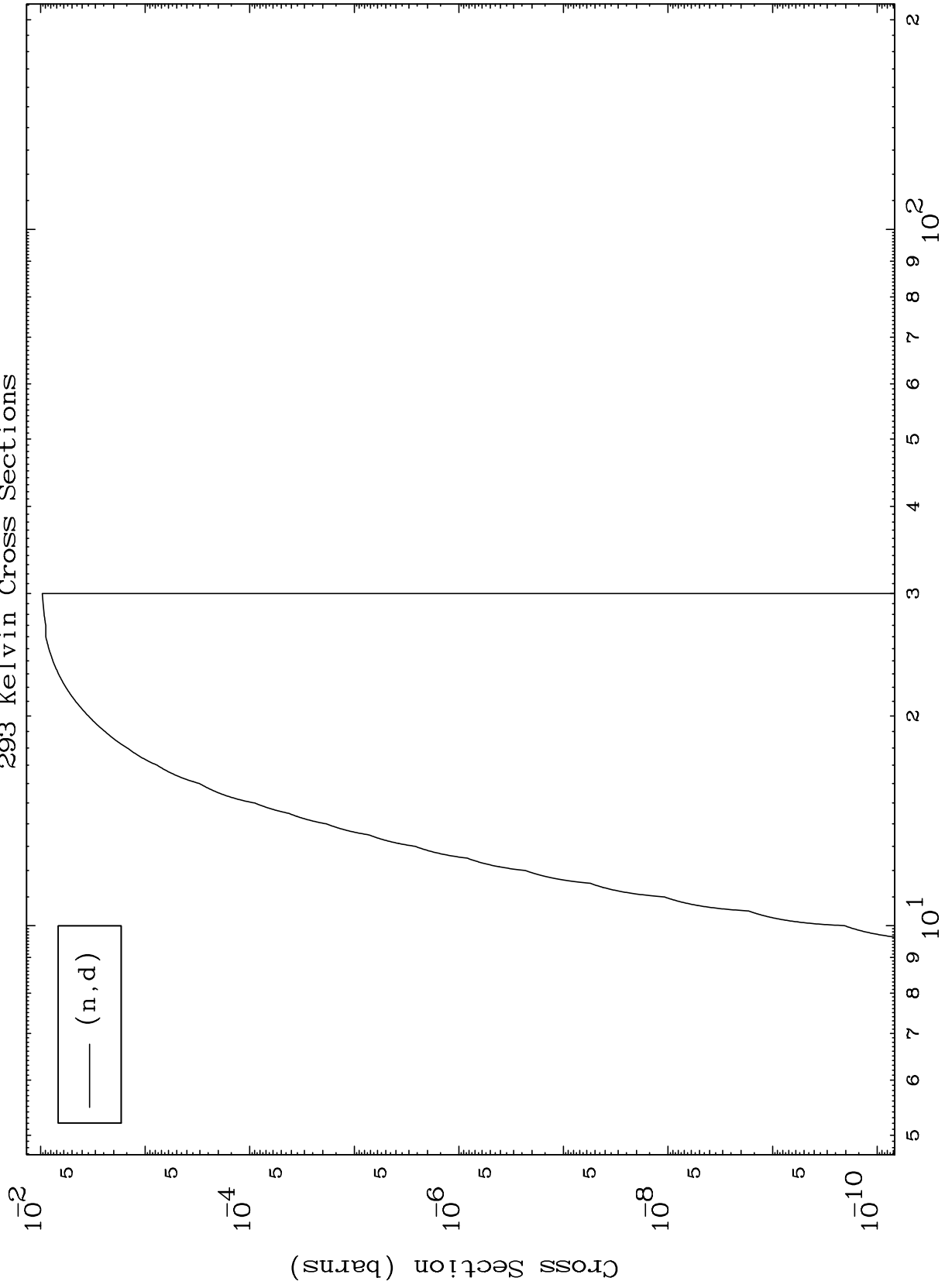
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,d) Levels
293 Kelvin Cross Sections

79-Au-200



11

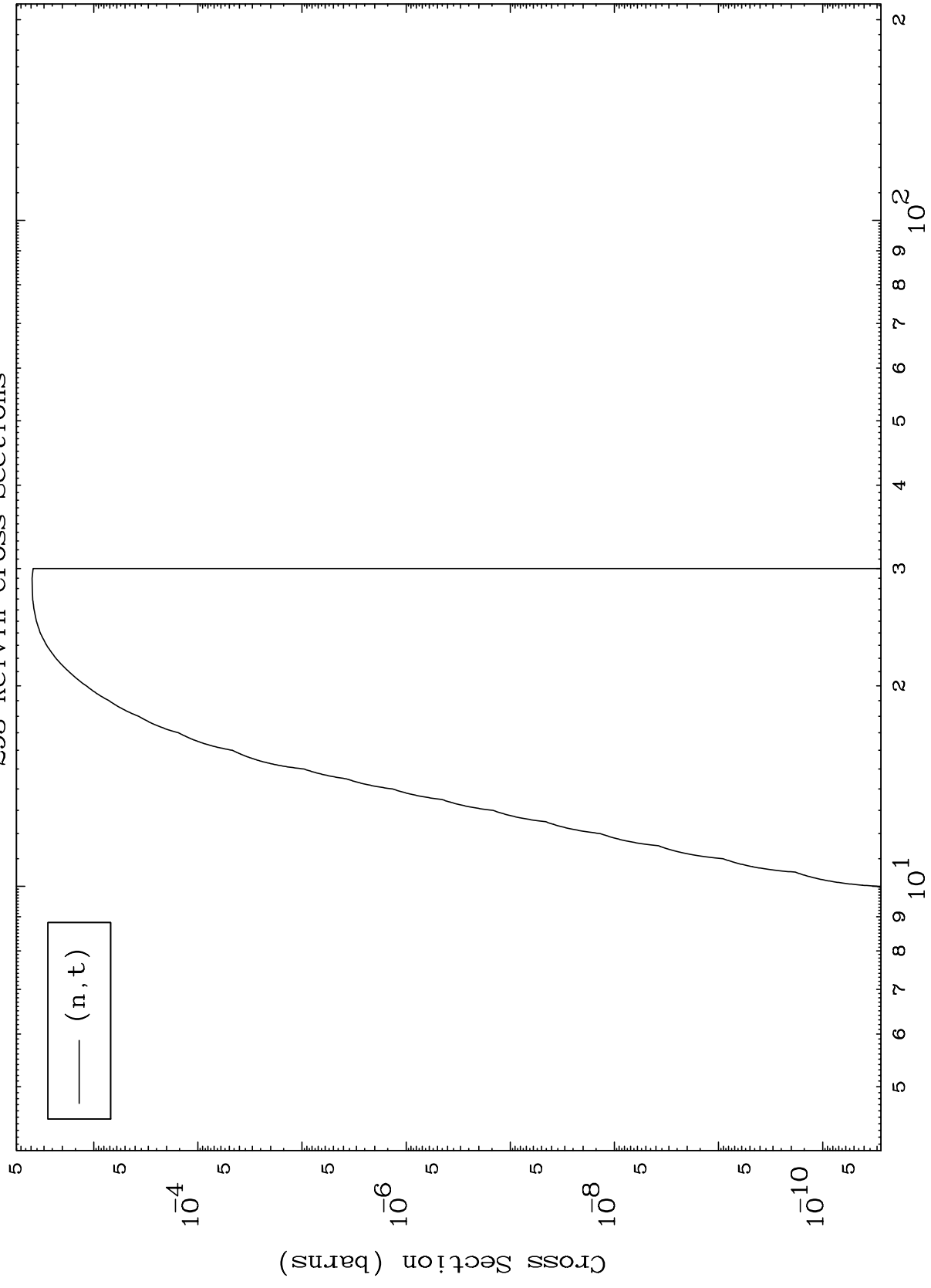
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,t) Levels
293 Kelvin Cross Sections

79-Au-200



12

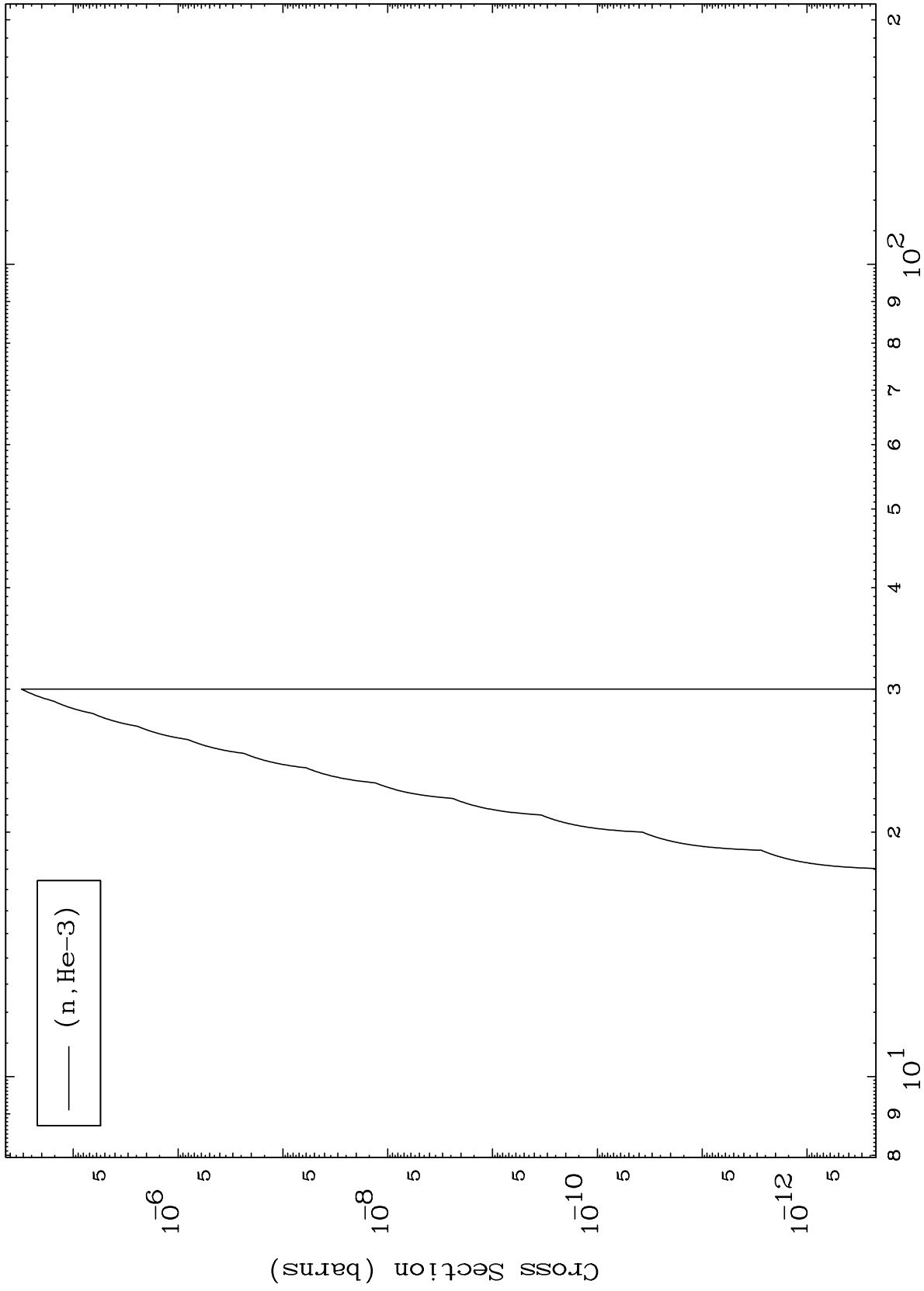
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-200



13

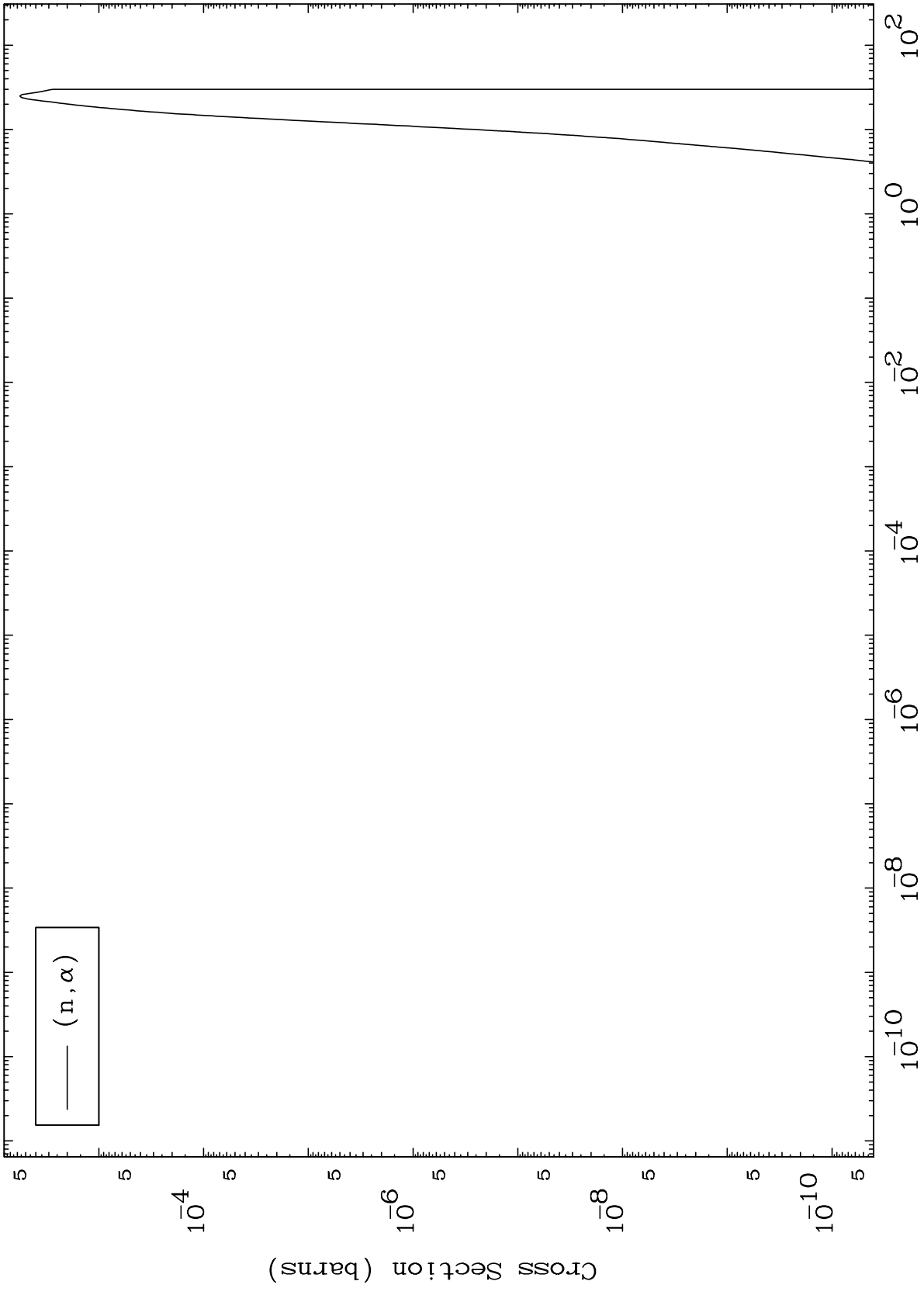
Incident Energy (MeV)

79-Au-200

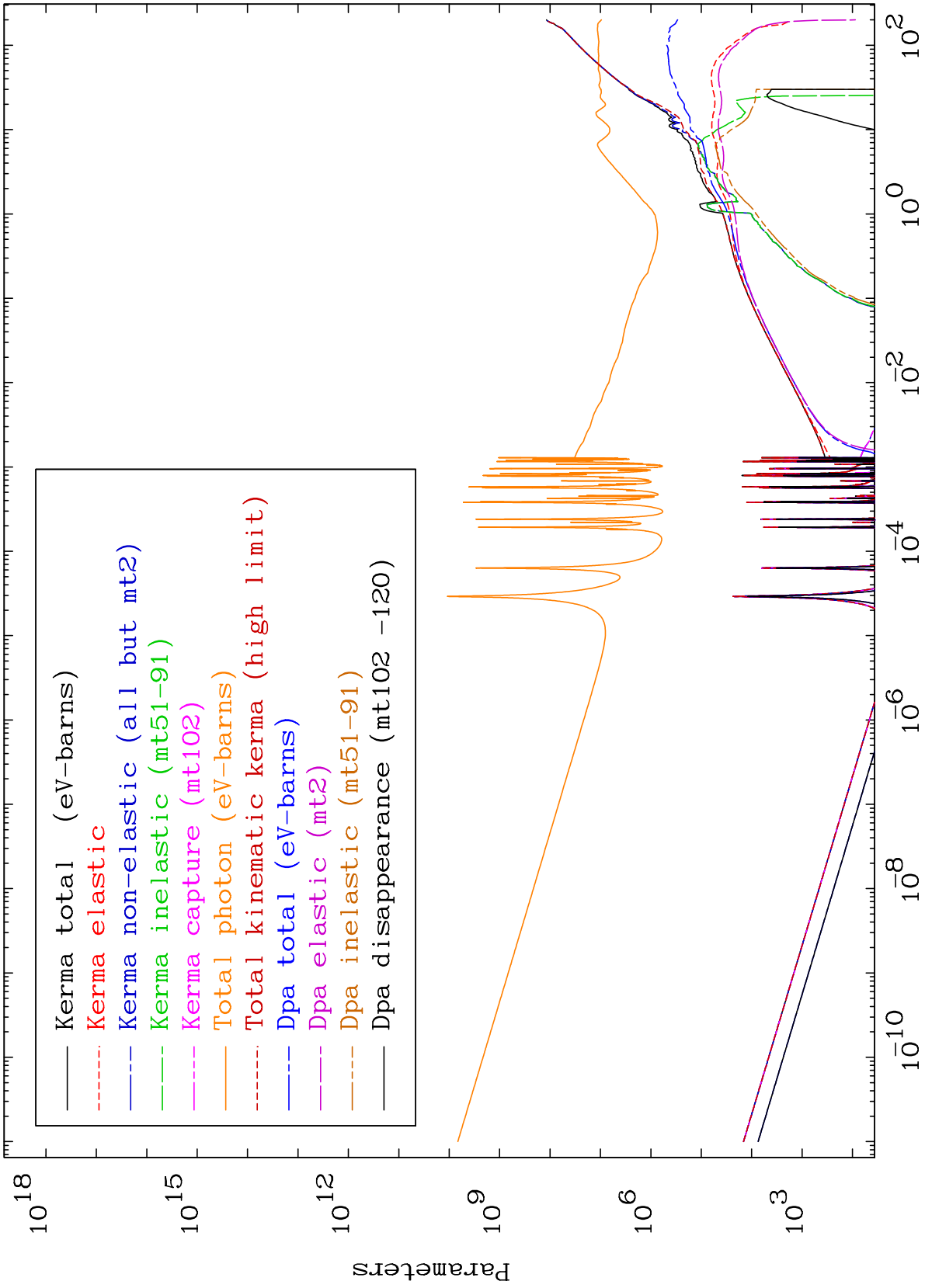
MAT 7934

(n,α) Levels
293 Kelvin Cross Sections

79-Au-200



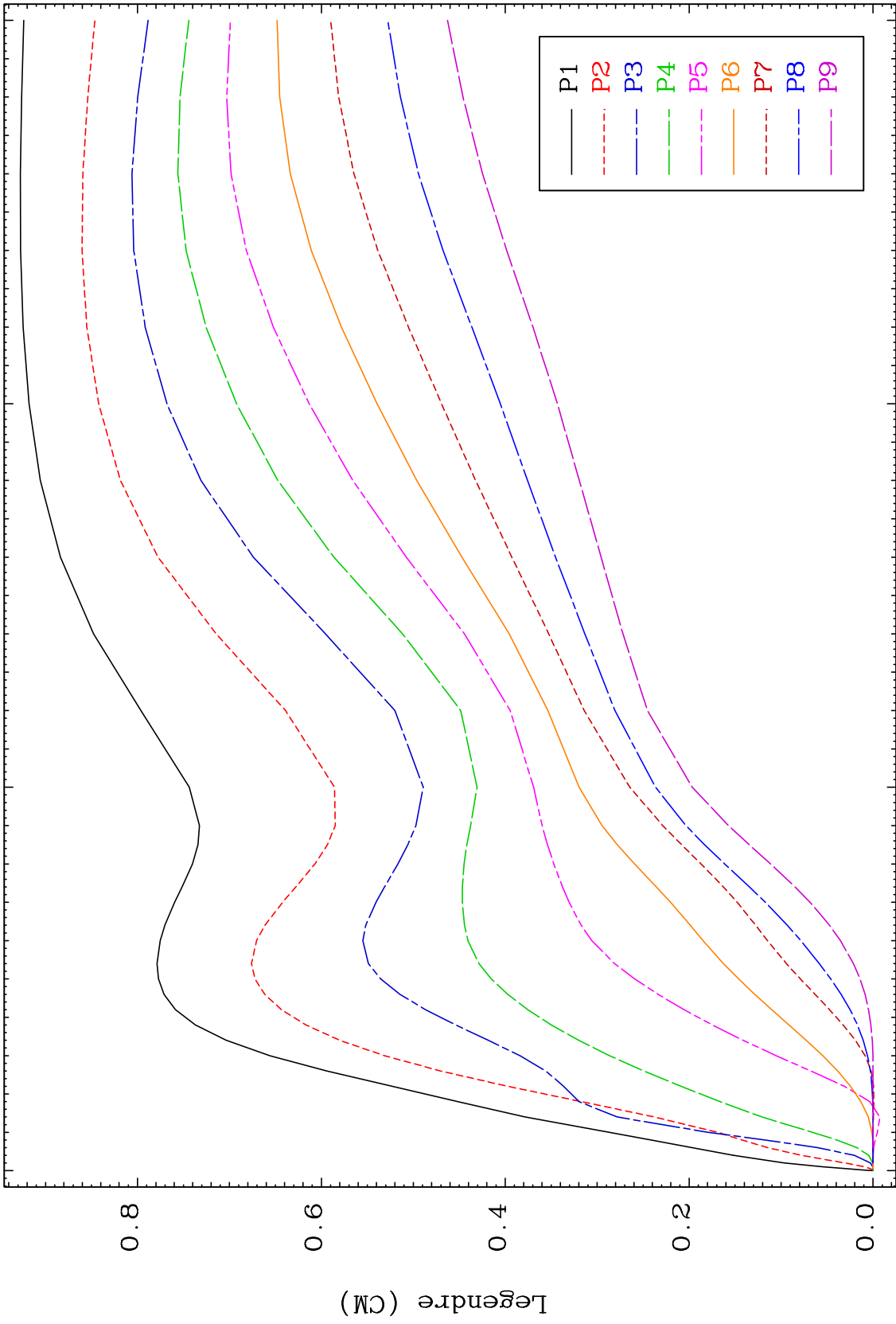
79-Au-200



MAT 7934

Elastic Legendre Coefficients

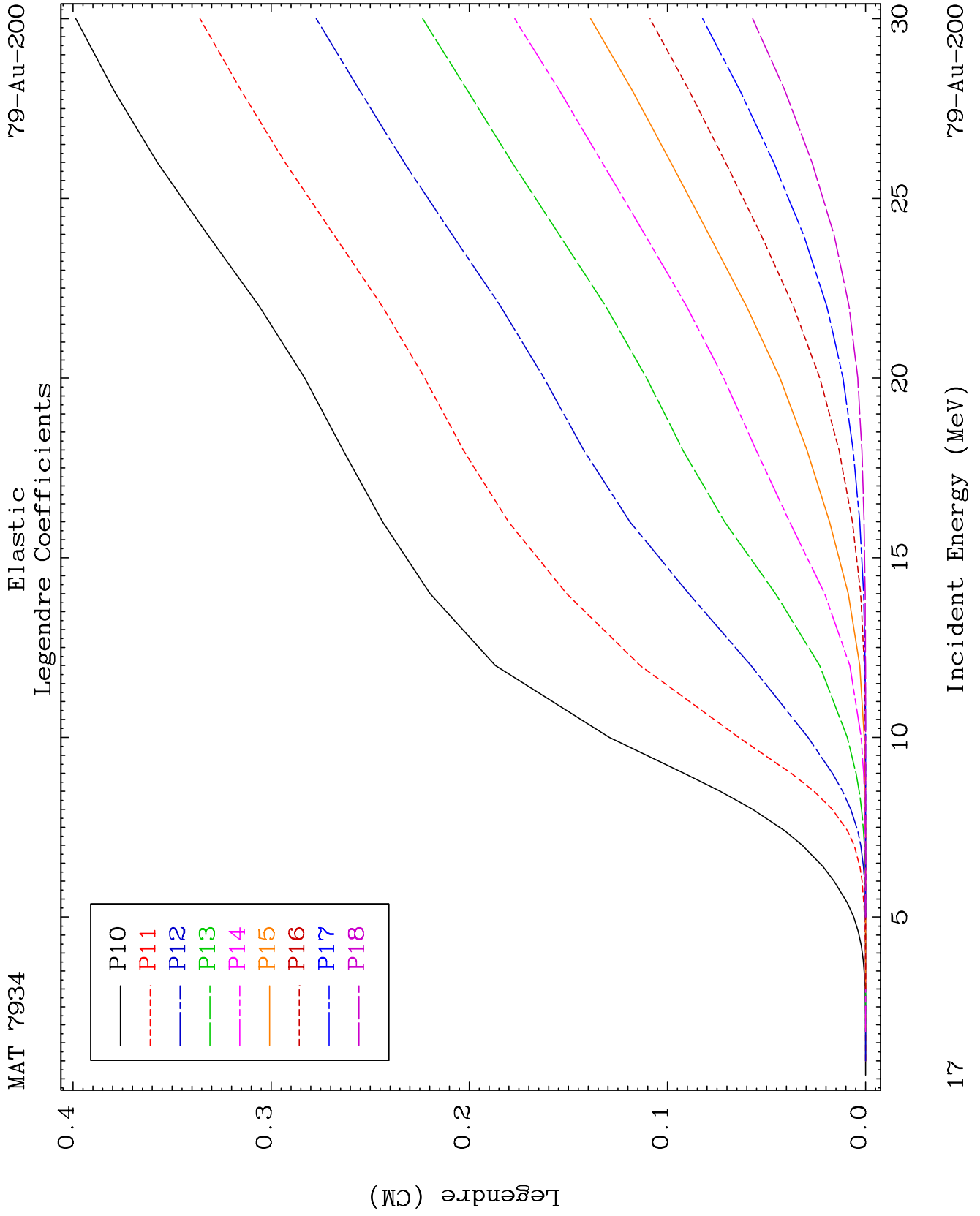
⁷⁹Au-²⁰⁰



16

Incident Energy (MeV)

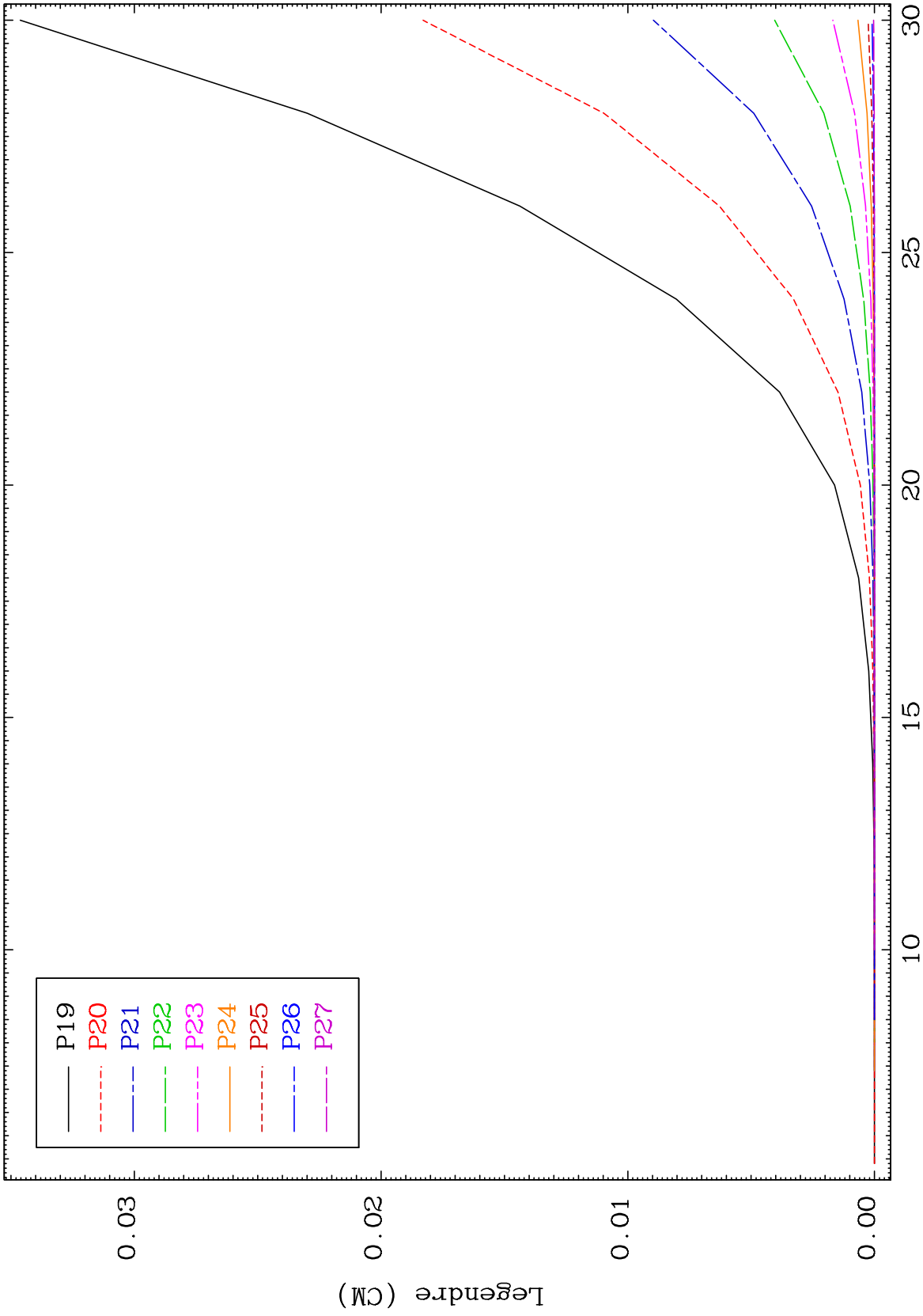
⁷⁹Au-²⁰⁰



MAT 7934

Elastic Legendre Coefficients

79-Au-200



18

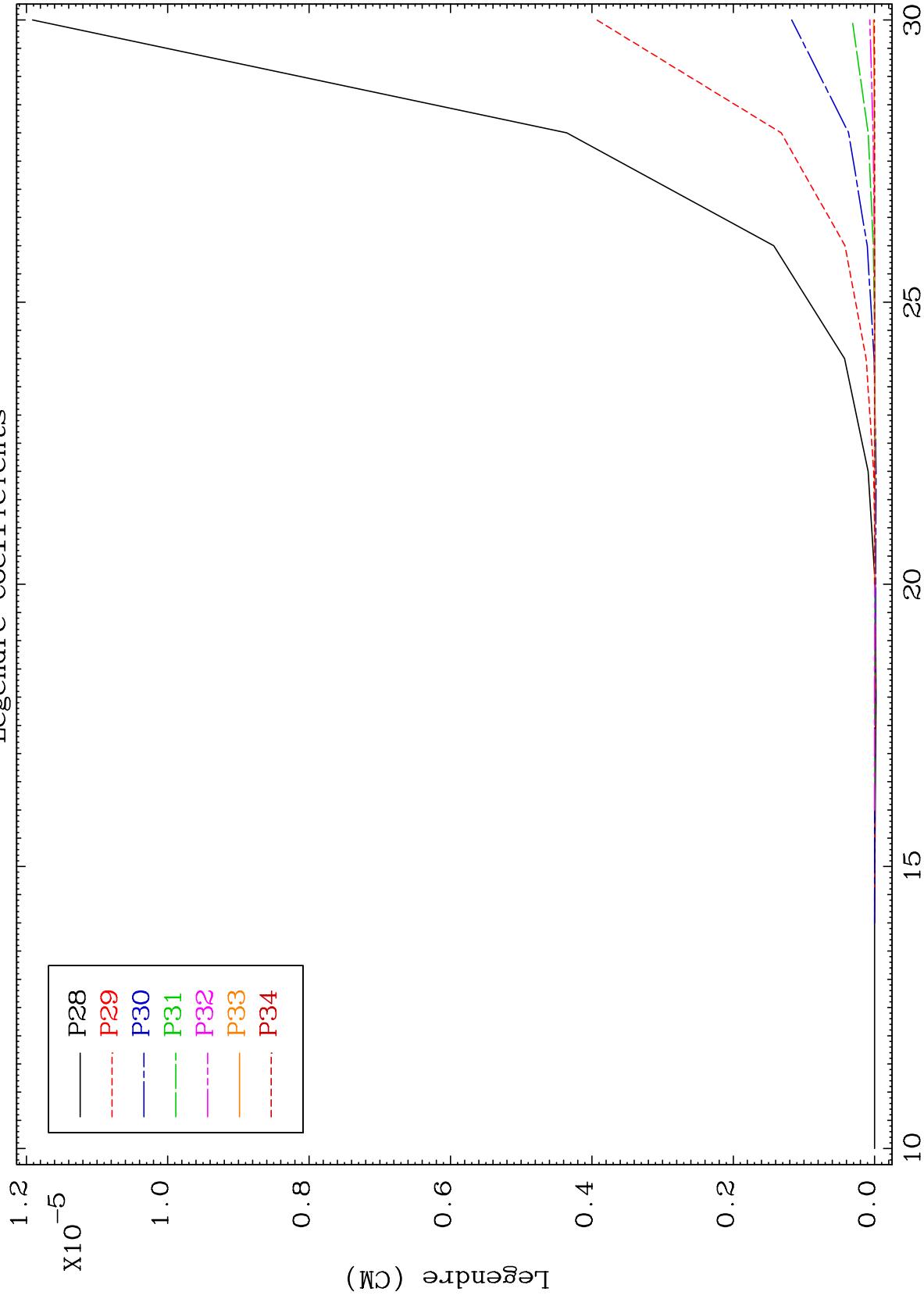
Incident Energy (MeV)

79-Au-200

MAT 7934

Elastic Legendre Coefficients

79-Au-200

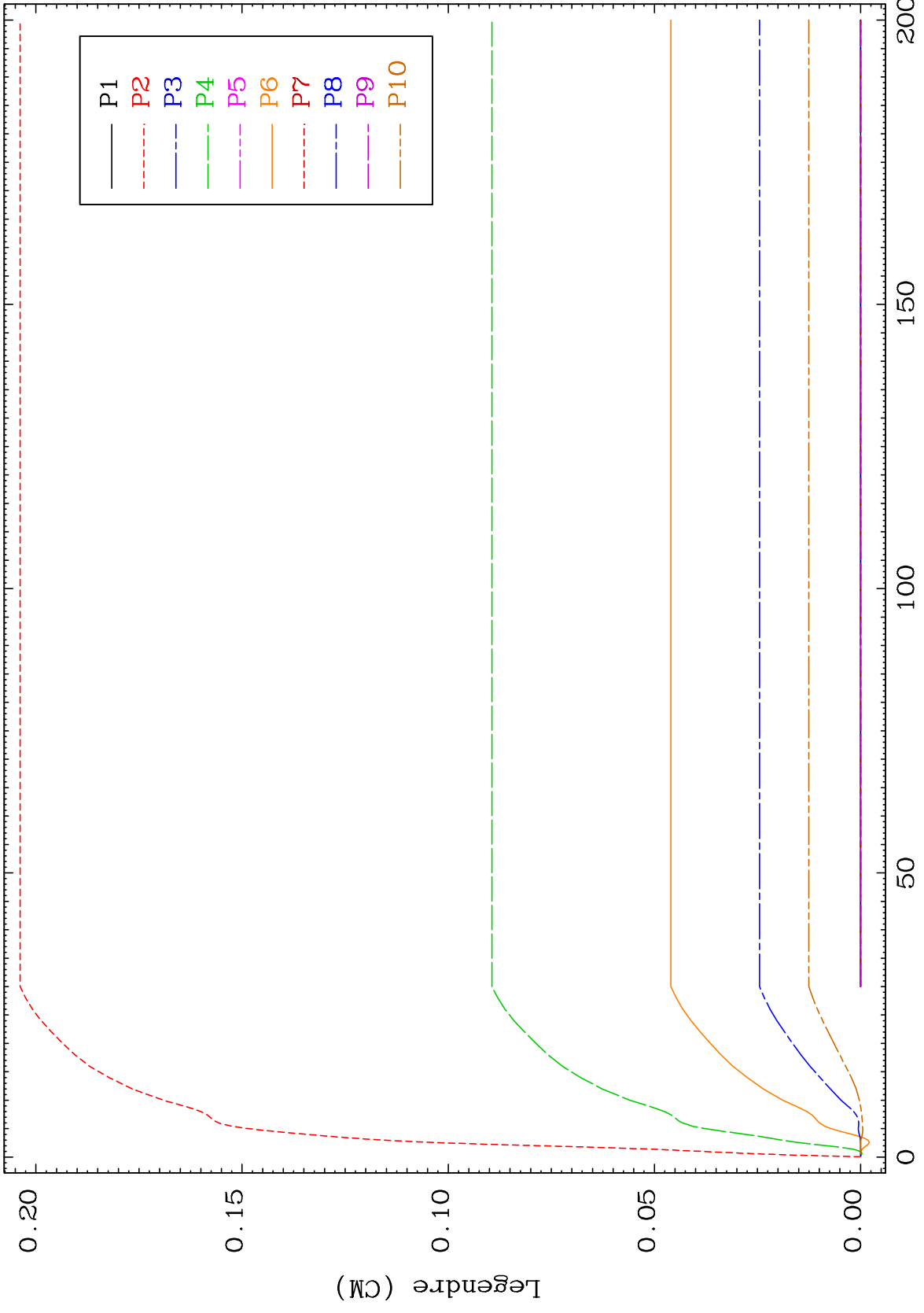


19

Incident Energy (MeV)

79-Au-200

MAT 7934 MT= 51 (n, n') Level Legendre Coefficients 79-Au-200



79-Au-200

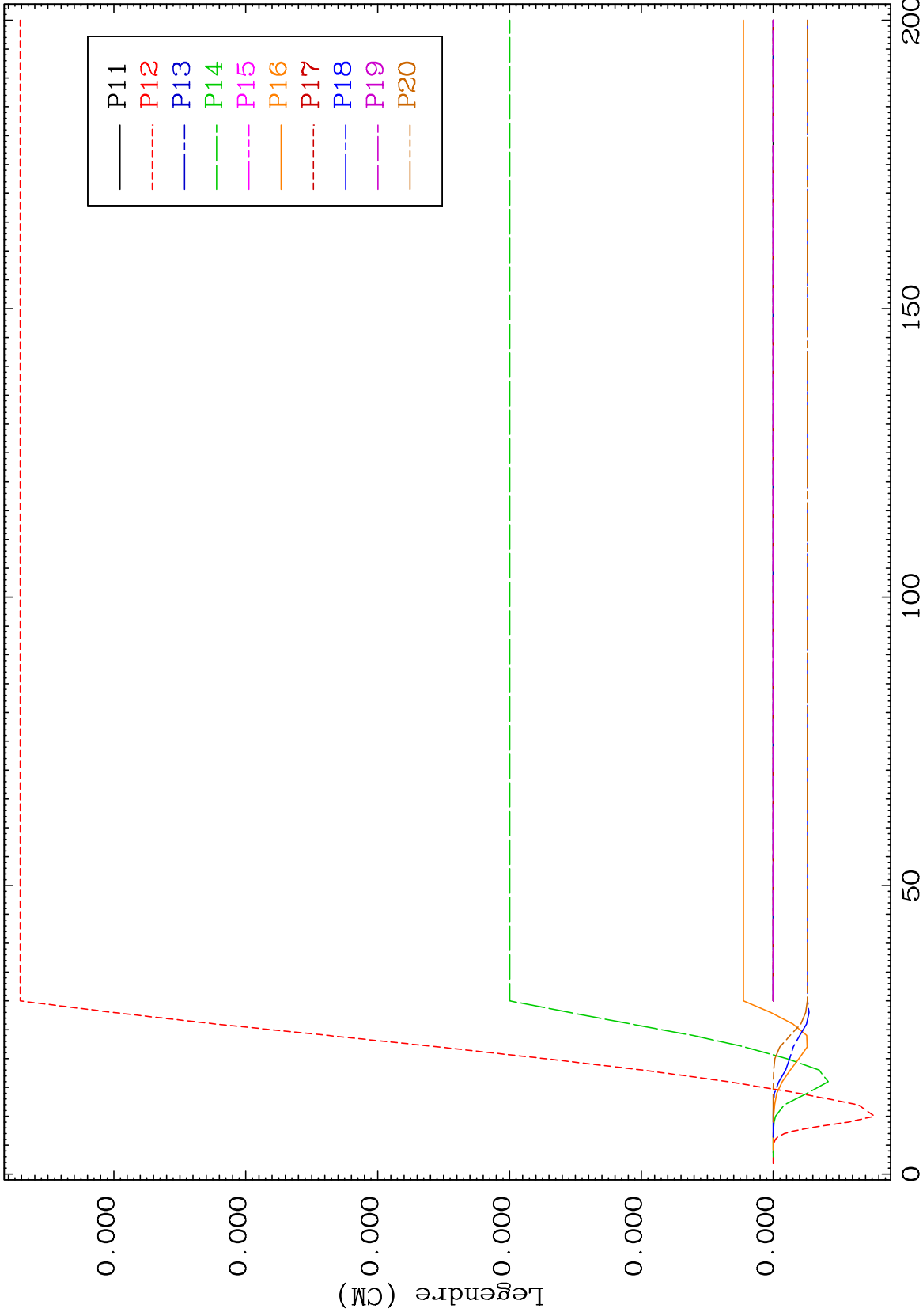
Incident Energy (MeV)

20

MAT 7934

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

79-Au-200



21

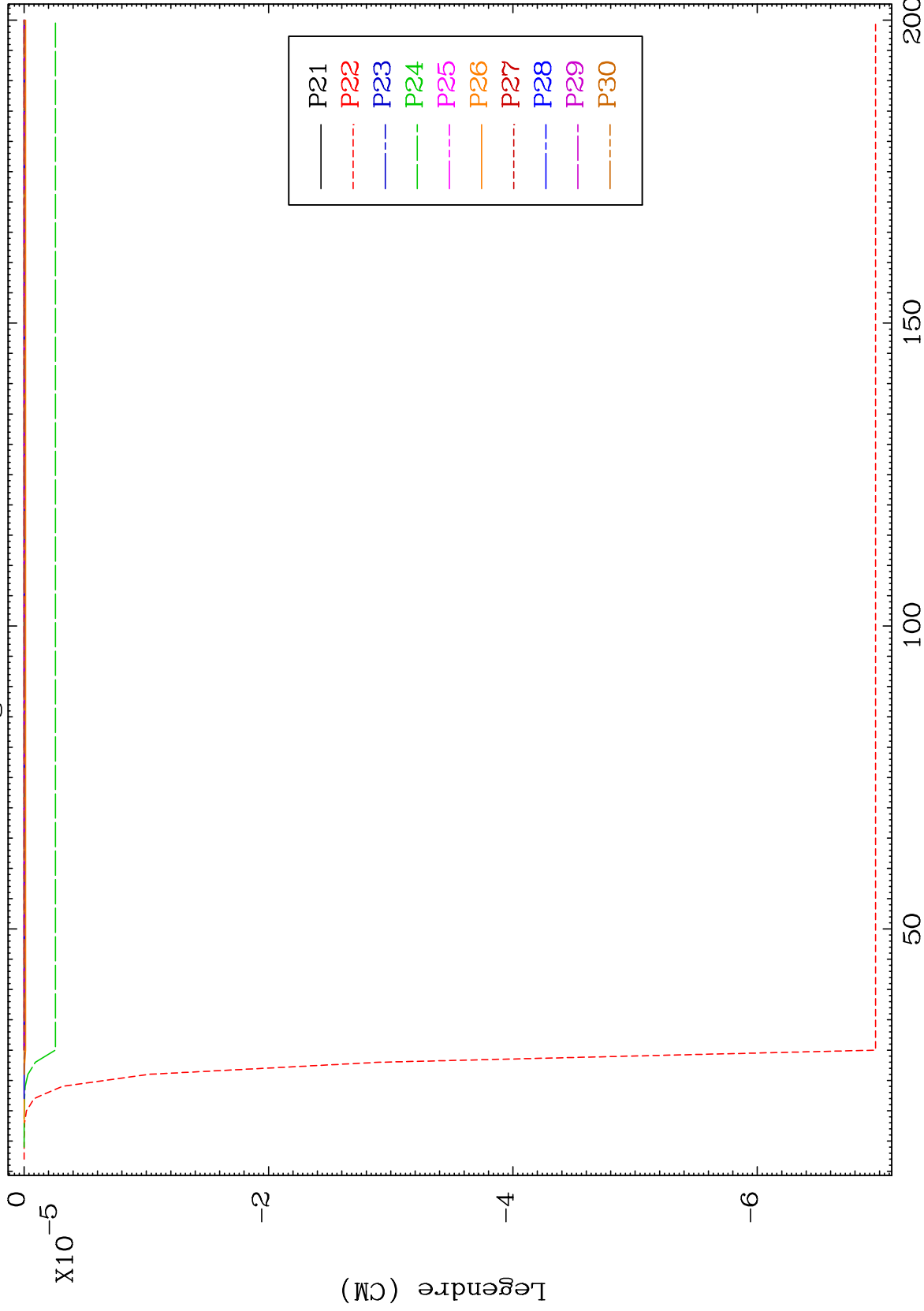
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



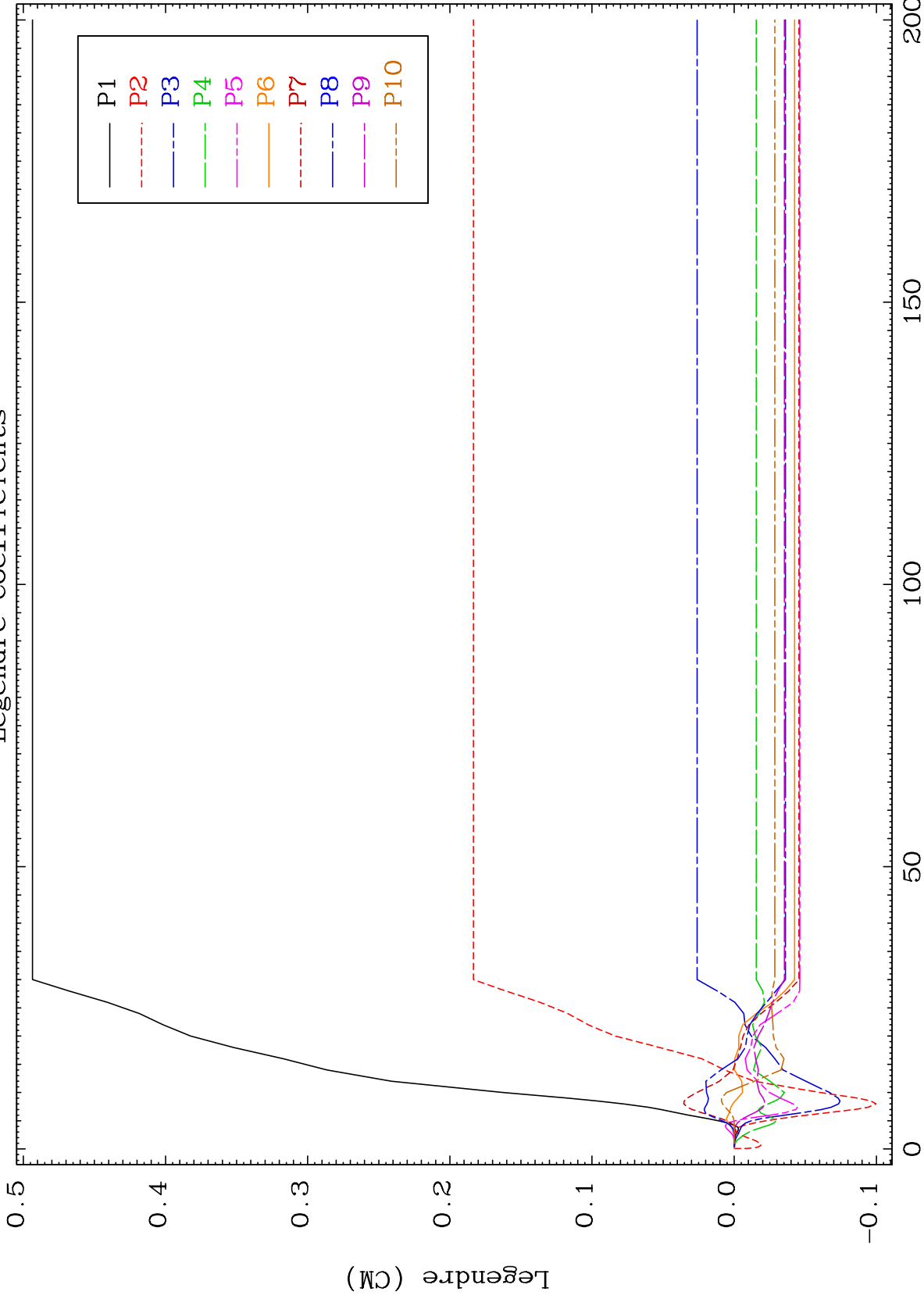
22

79-Au-200

MAT 7934

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

79-Au-200



23

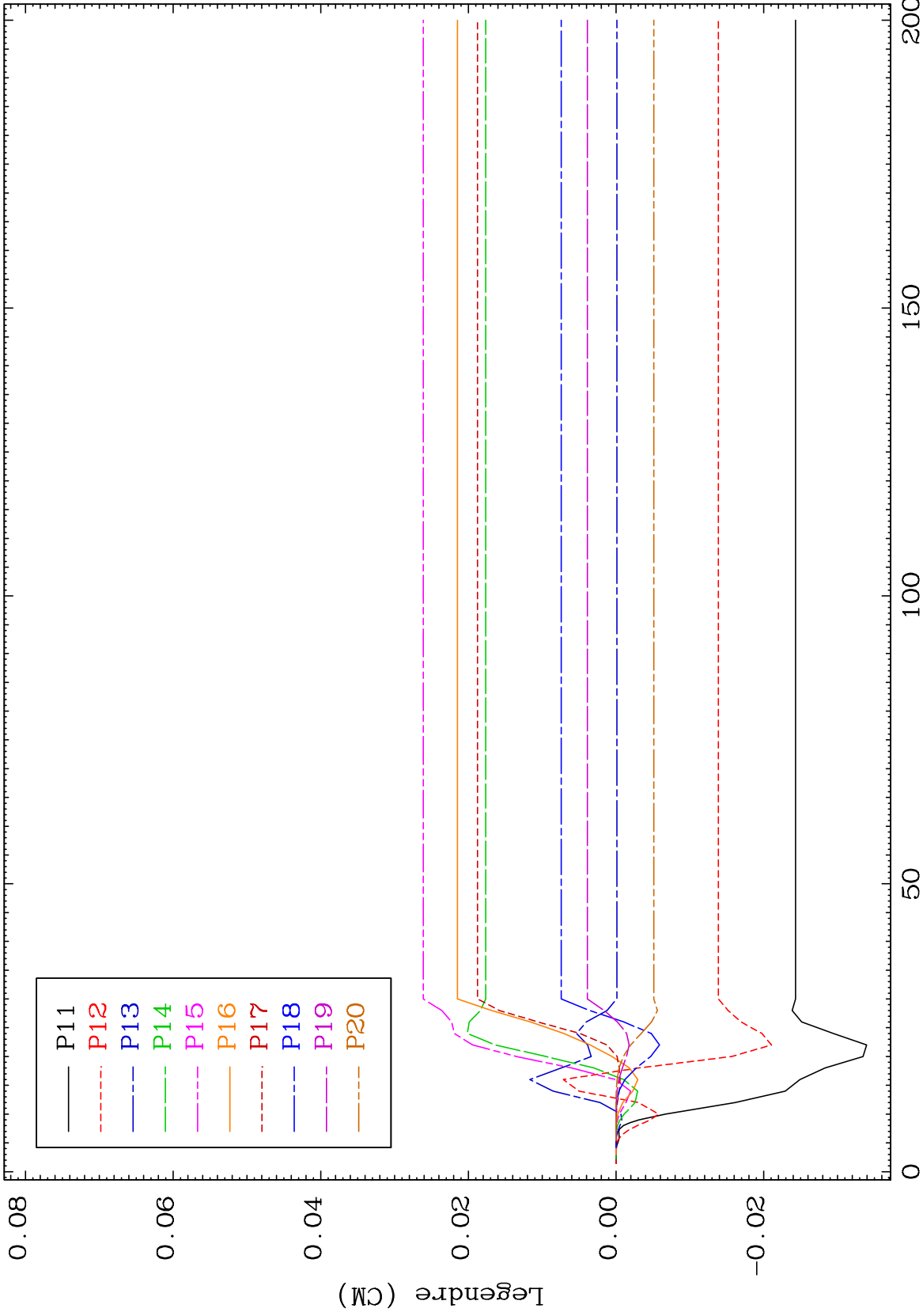
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



24

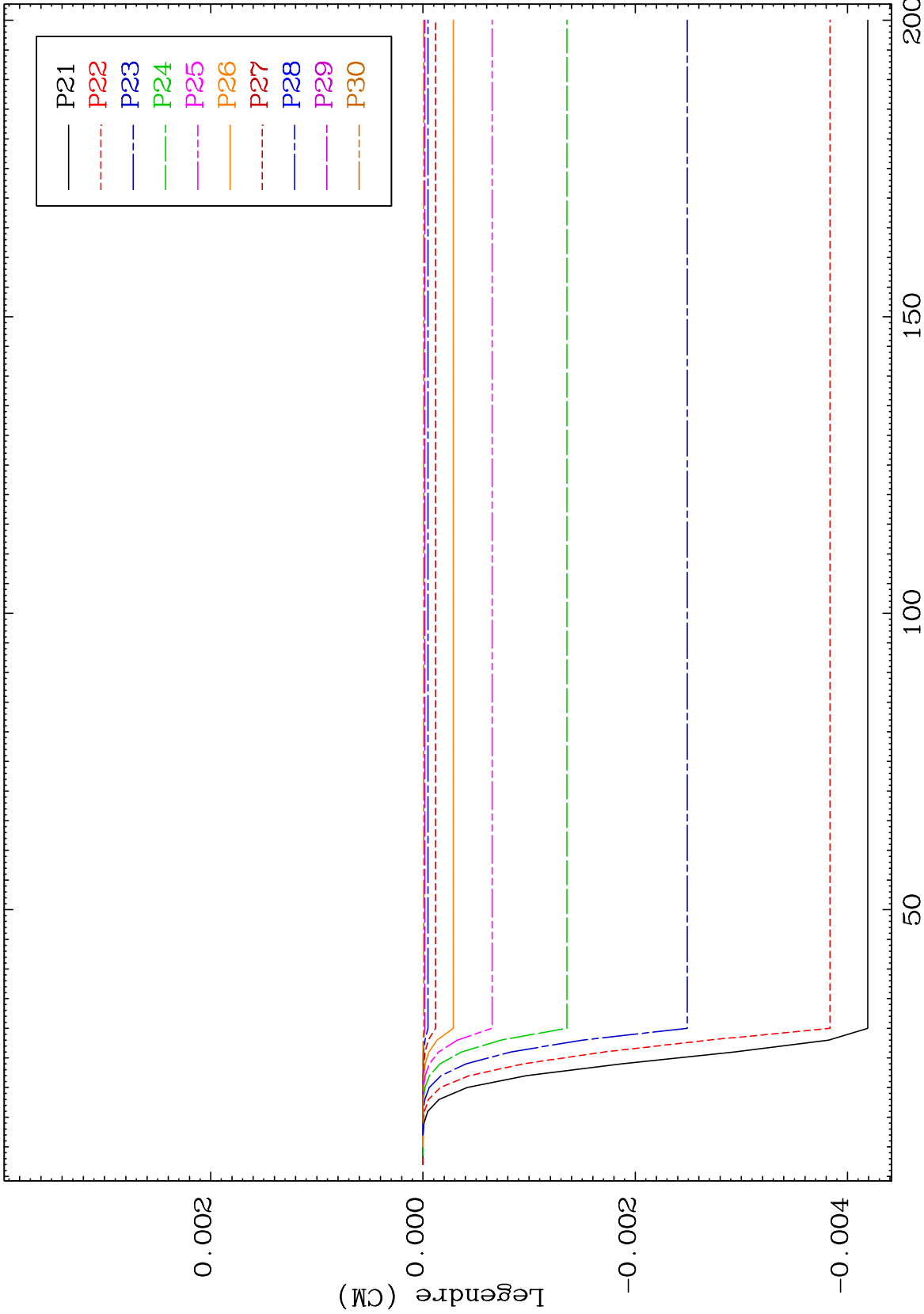
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



25

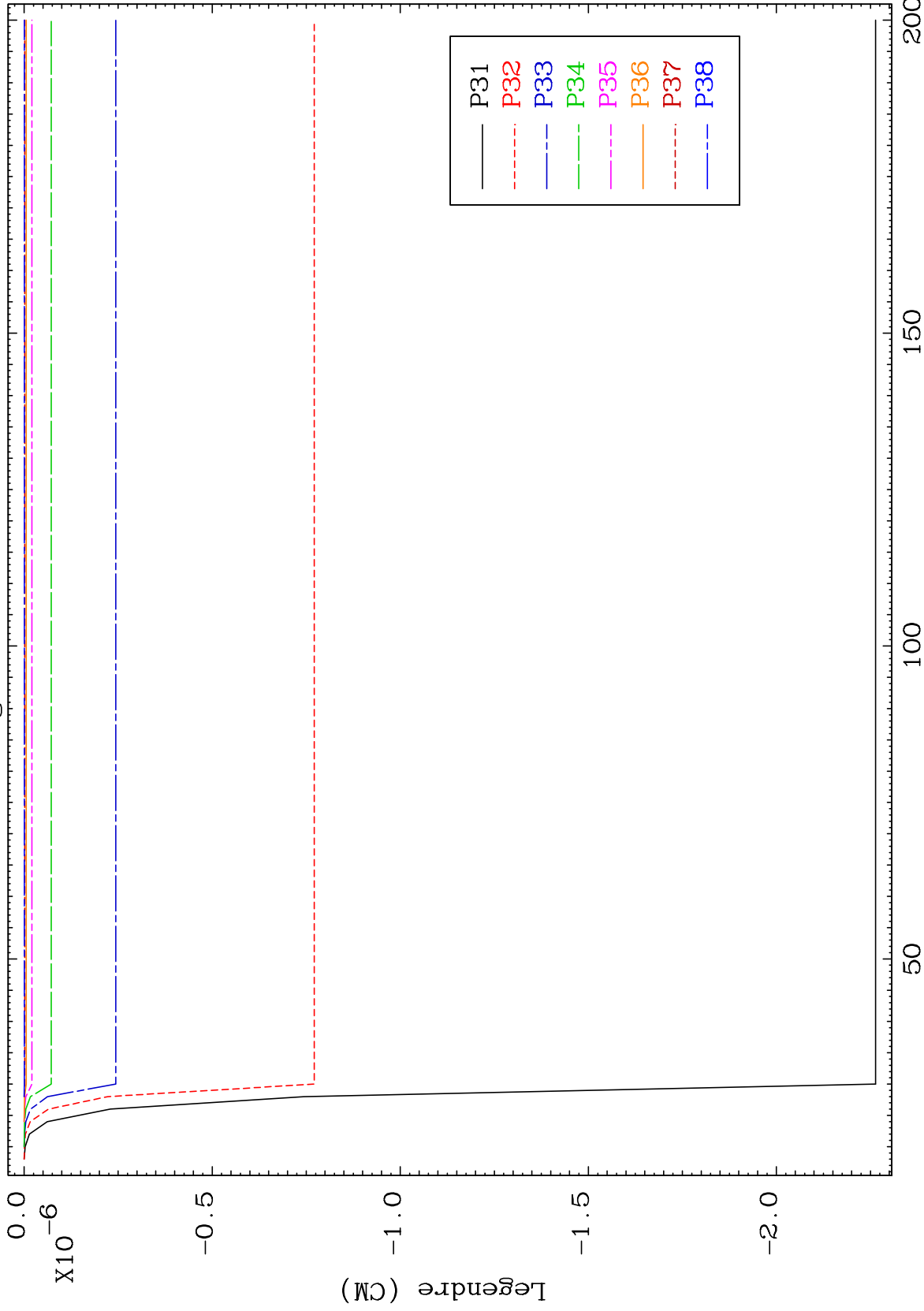
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

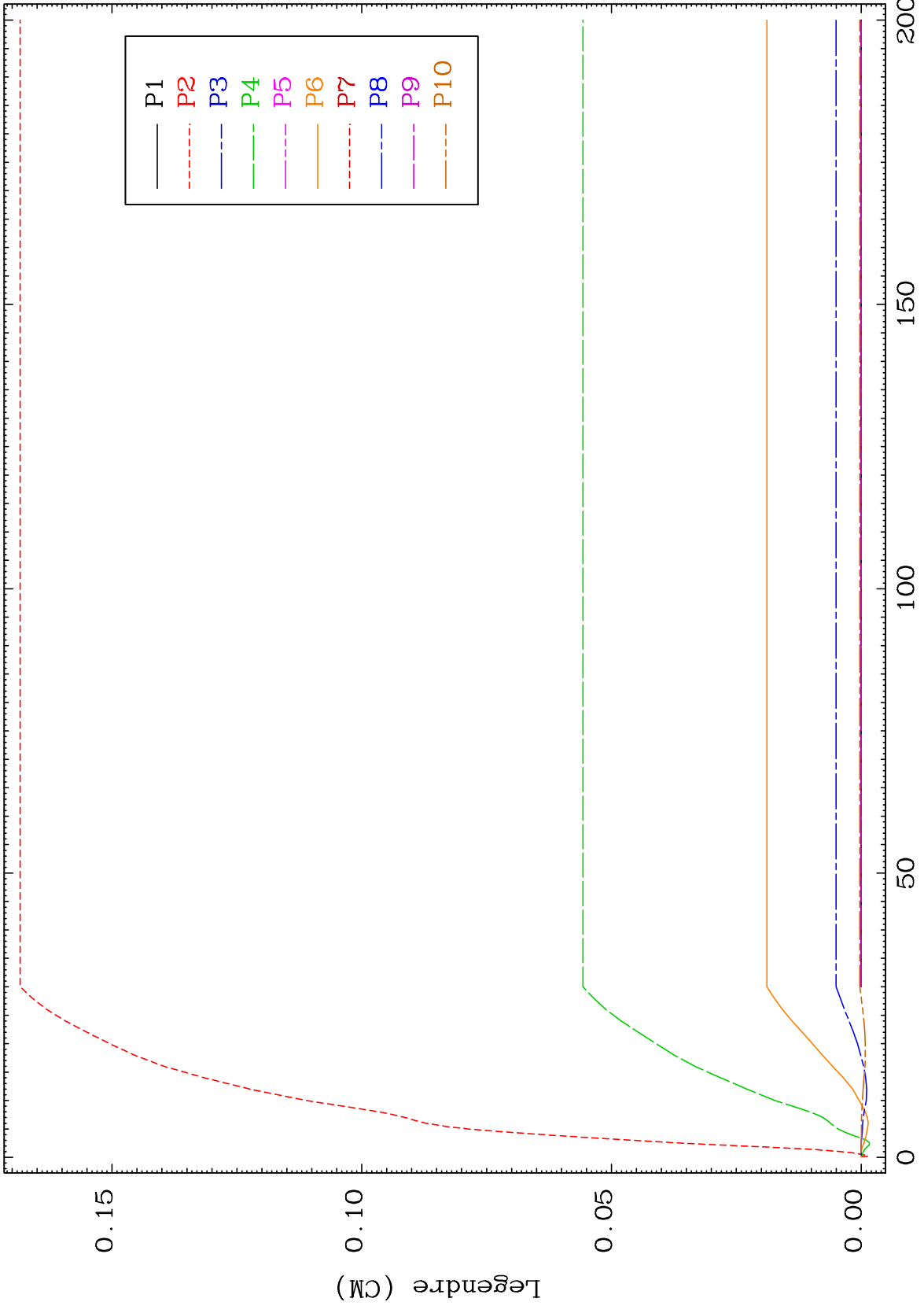
Incident Energy (MeV)

26

MAT 7934

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

79-Au-200



27

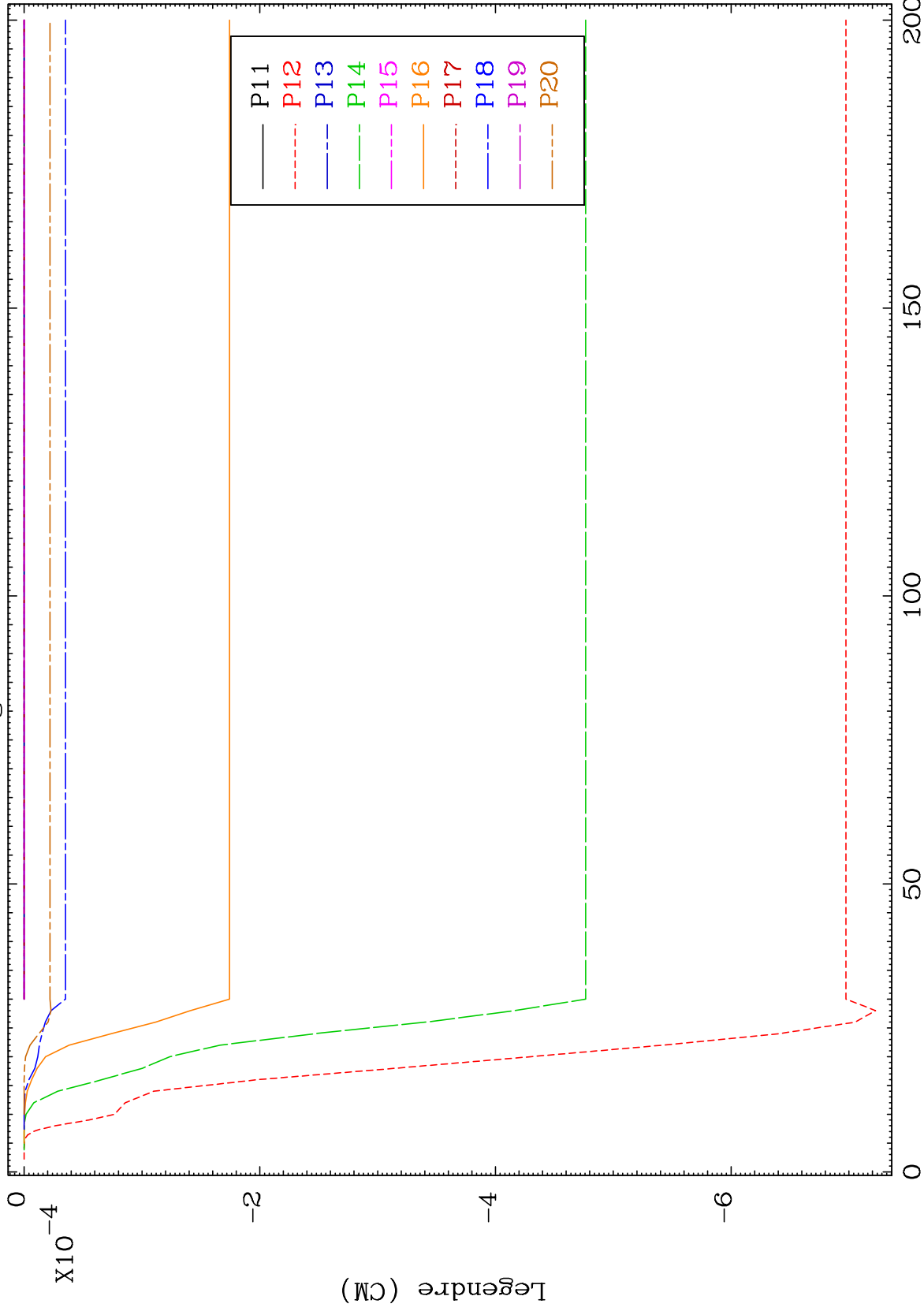
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



28

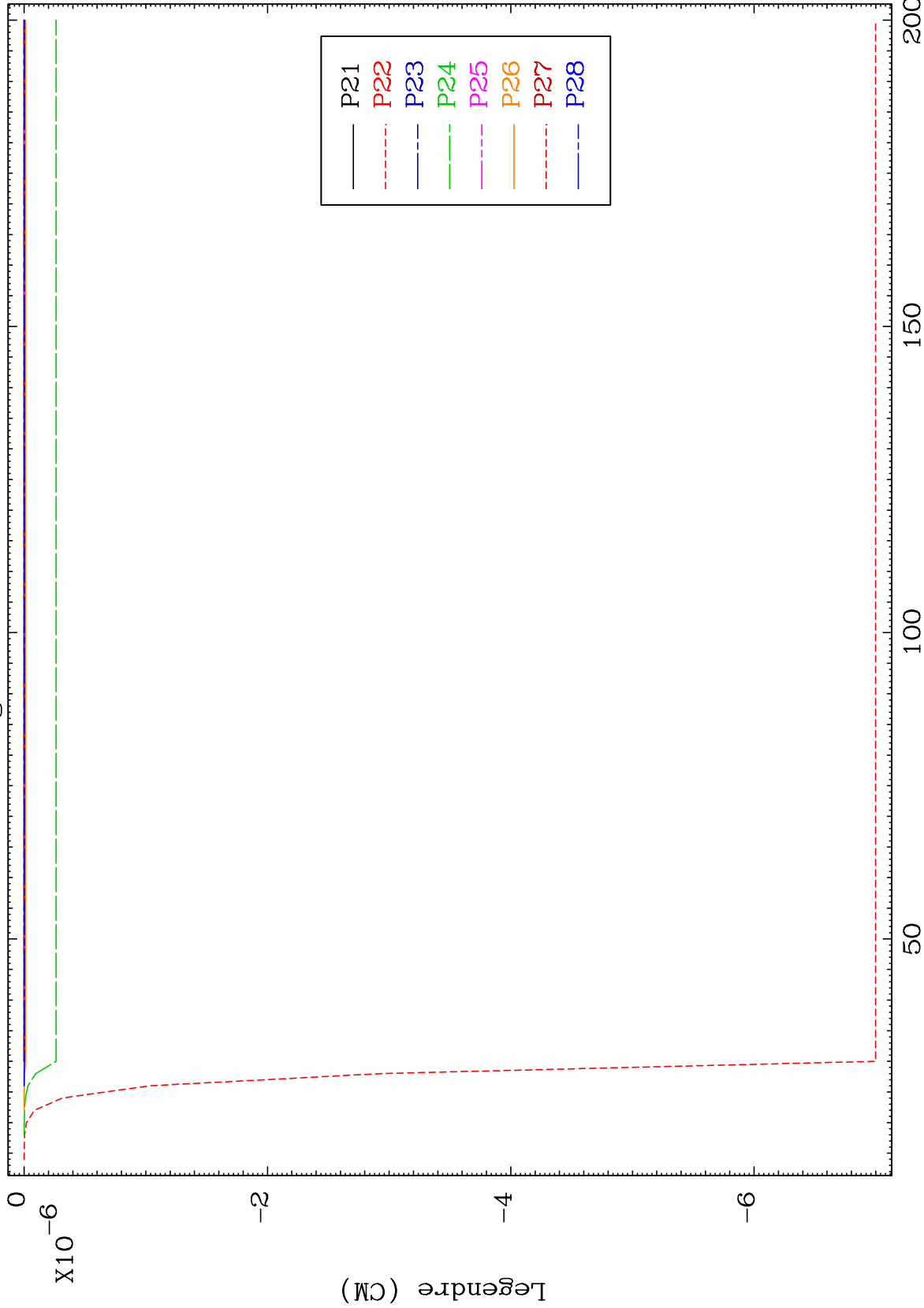
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



29

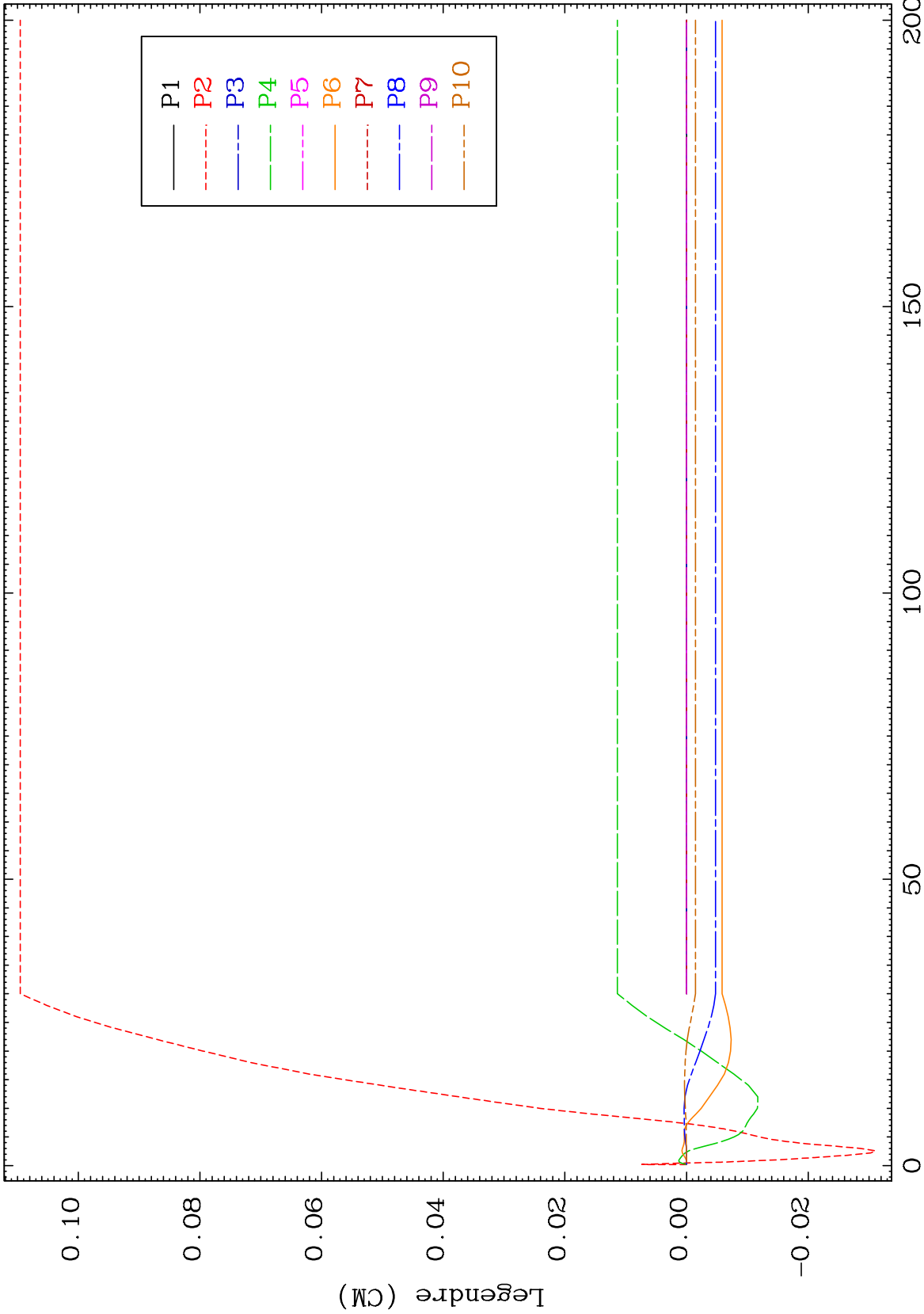
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

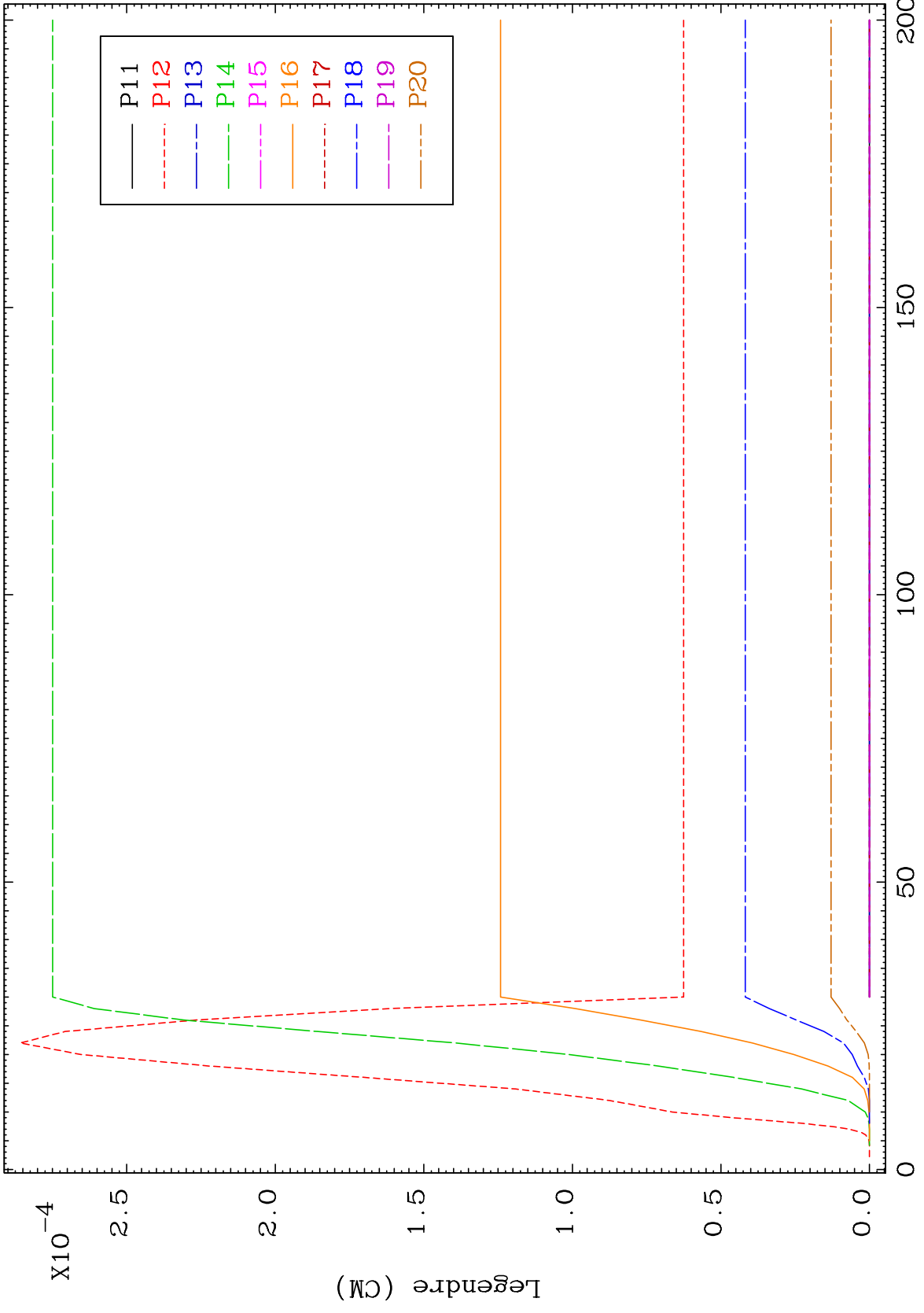


79-Au-200

Incident Energy (MeV)

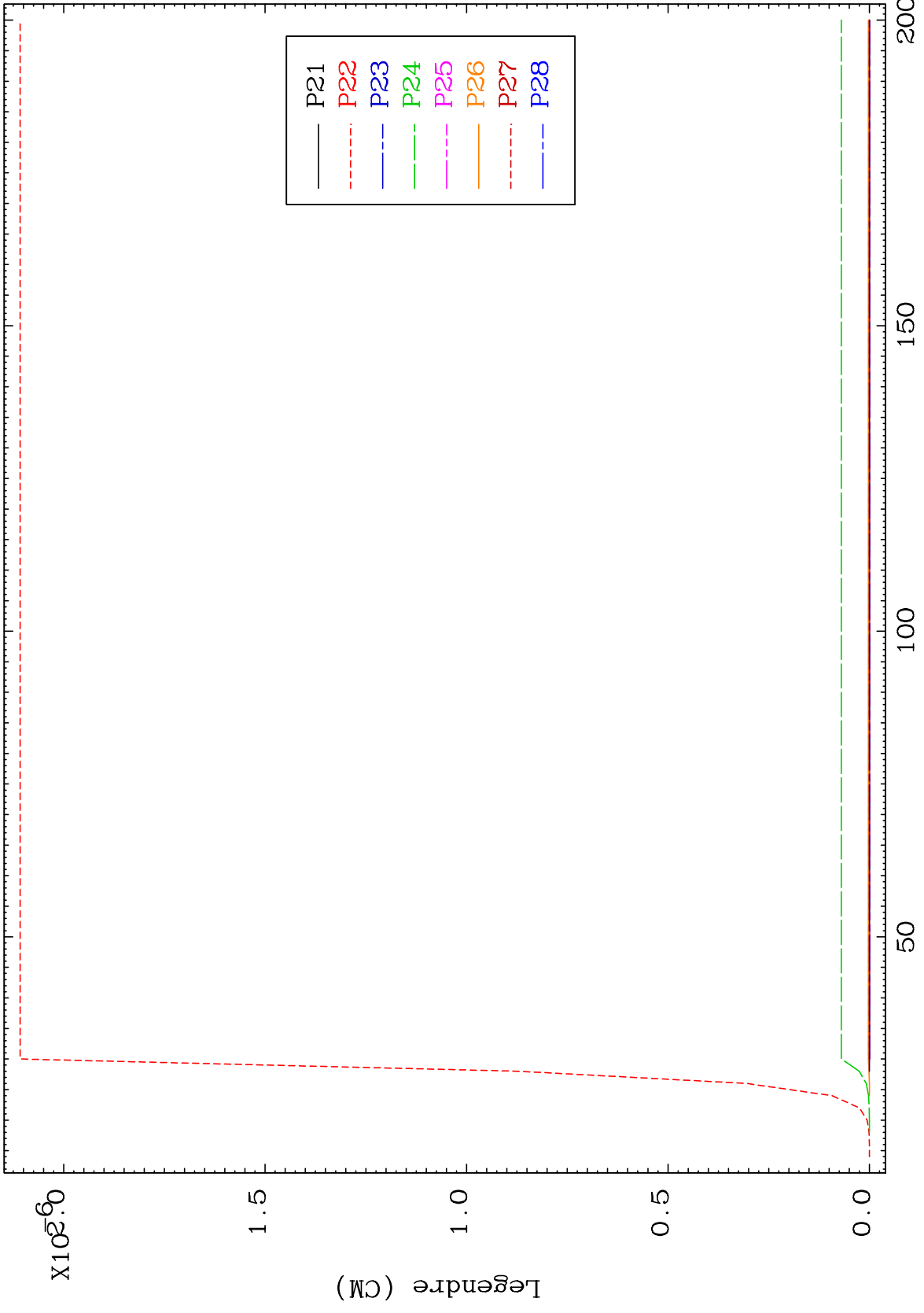
30

MAT 7934 MT= 54 (n,n') Level Legendre Coefficients 79-Au-200



31 79-Au-200

MAT 7934 MT= 54 (n,n') Level Legendre Coefficients 79-Au-200

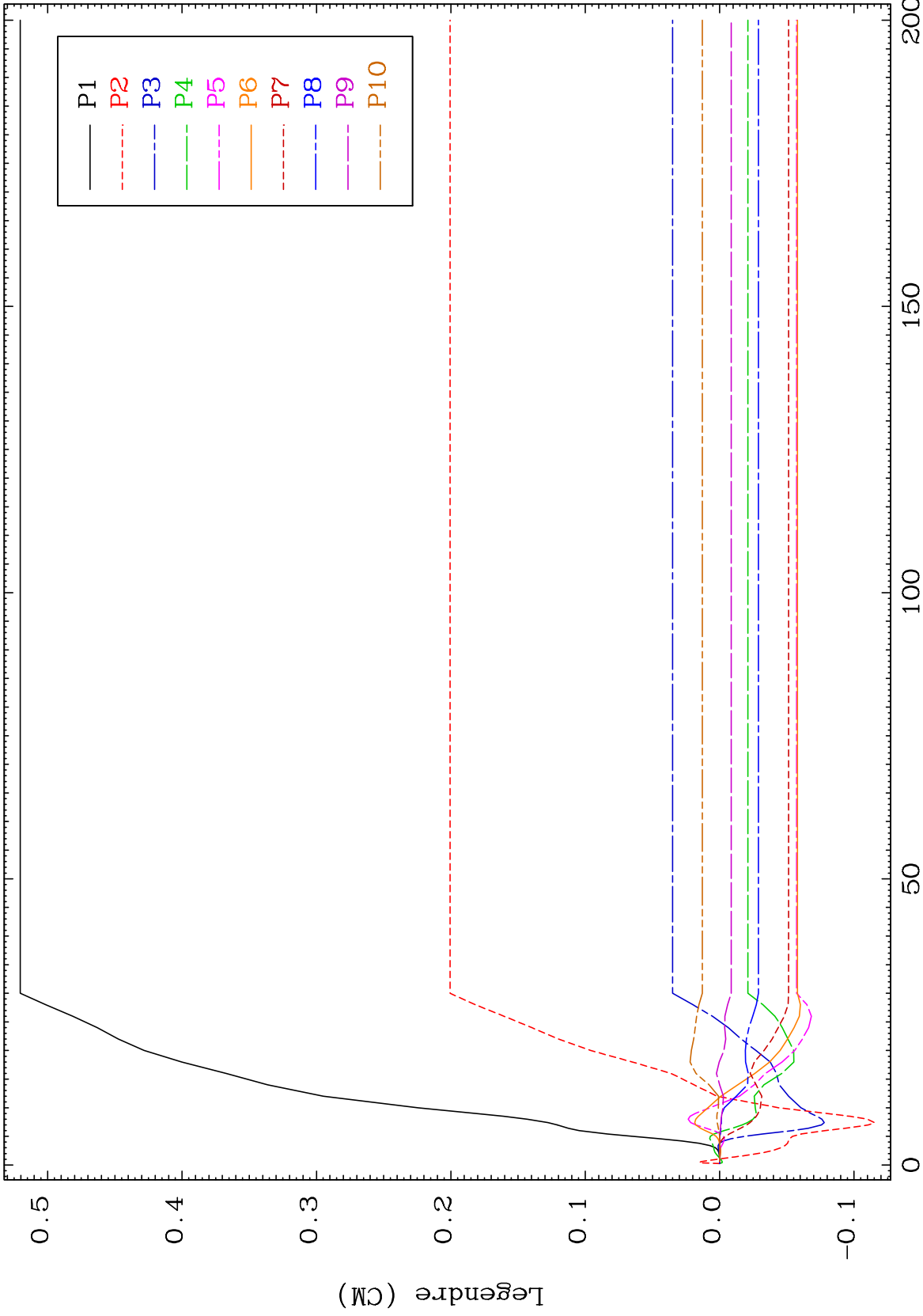


32 Incident Energy (MeV) 79-Au-200

MAT 7934

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

79-Au-200



33

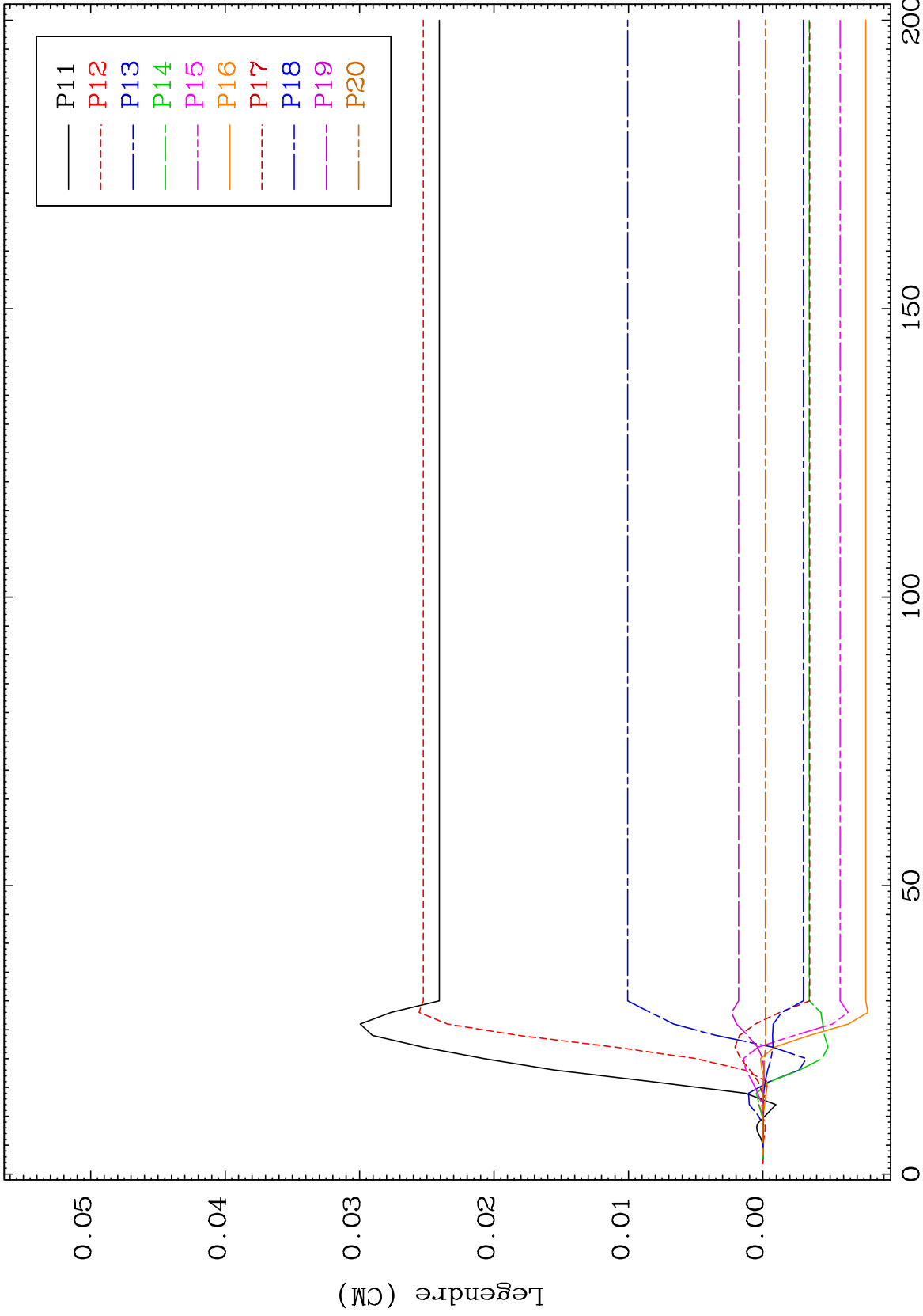
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



34

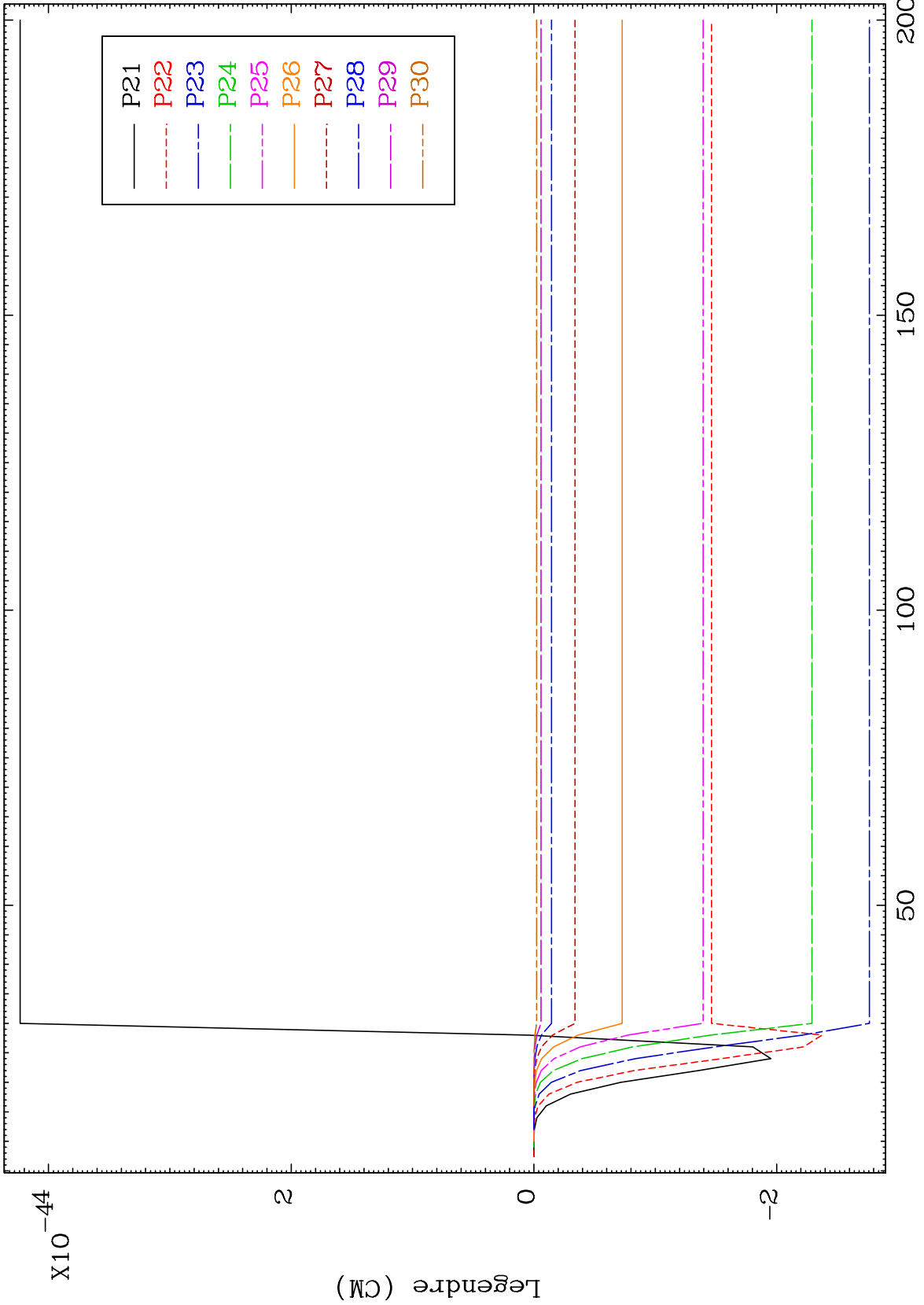
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

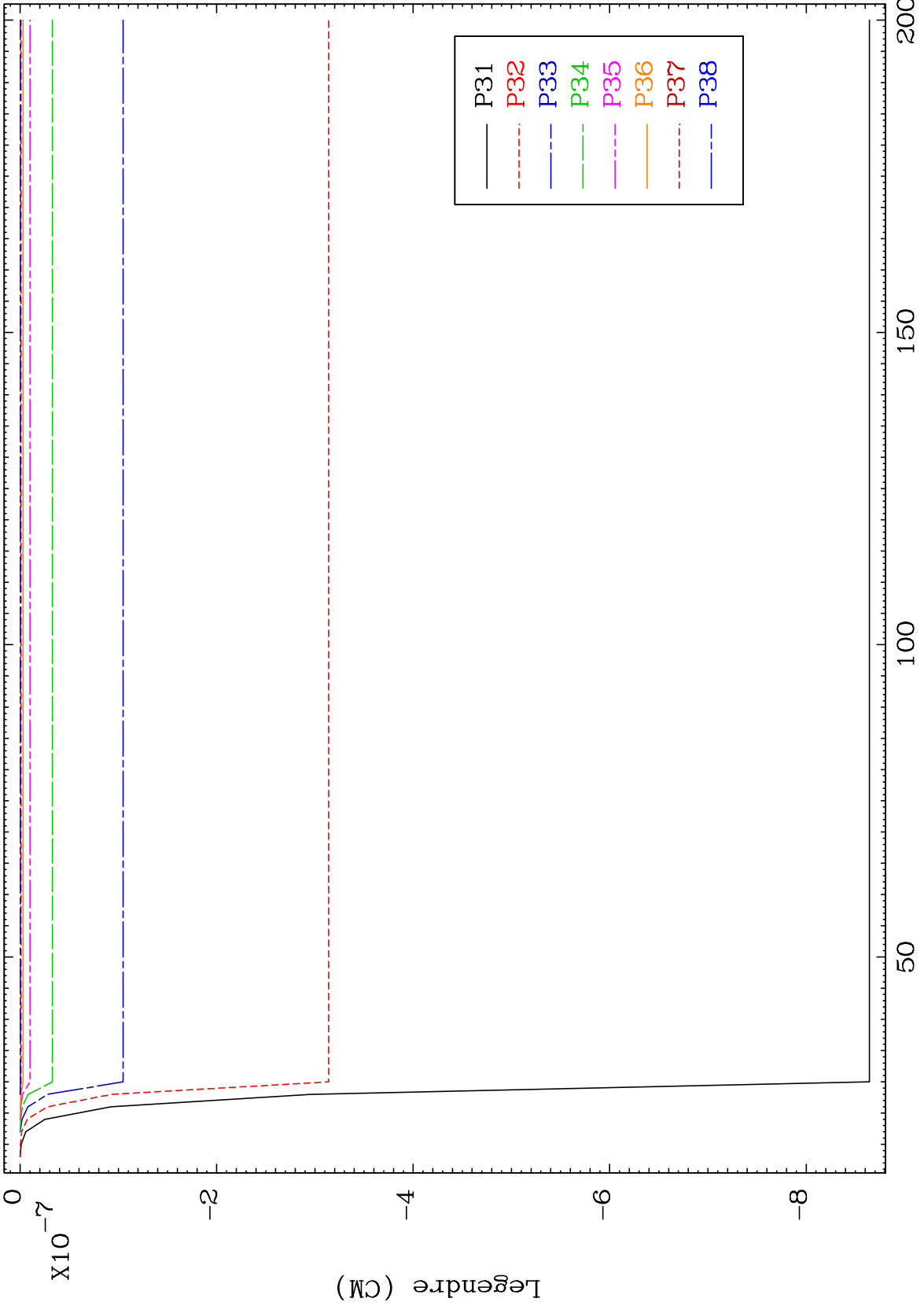


35

Incident Energy (MeV)

79-Au-200

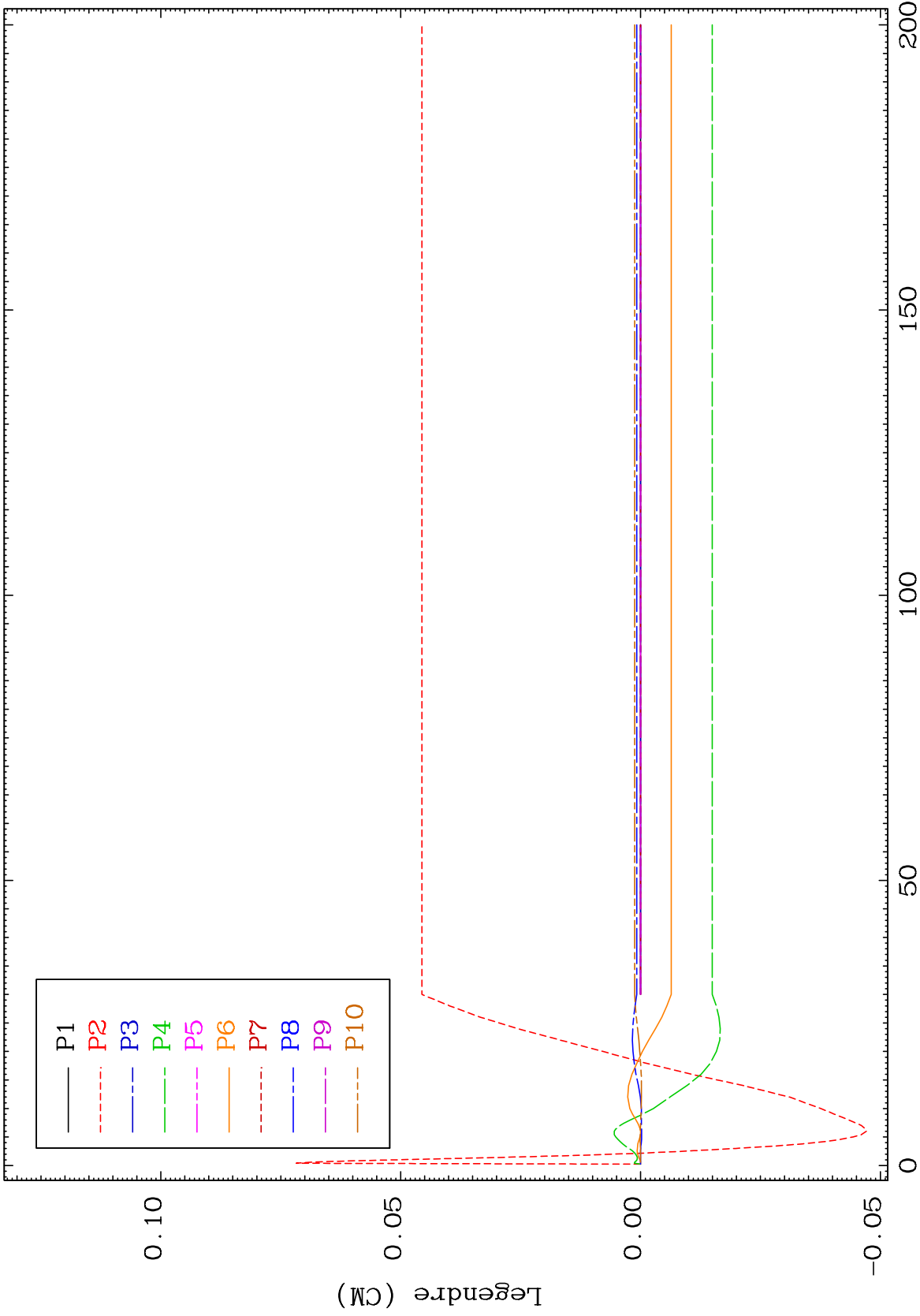
MAT 7934 MT= 55 (n,n') Level Legendre Coefficients 79-Au-200



MAT 7934

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

79-Au-200



37

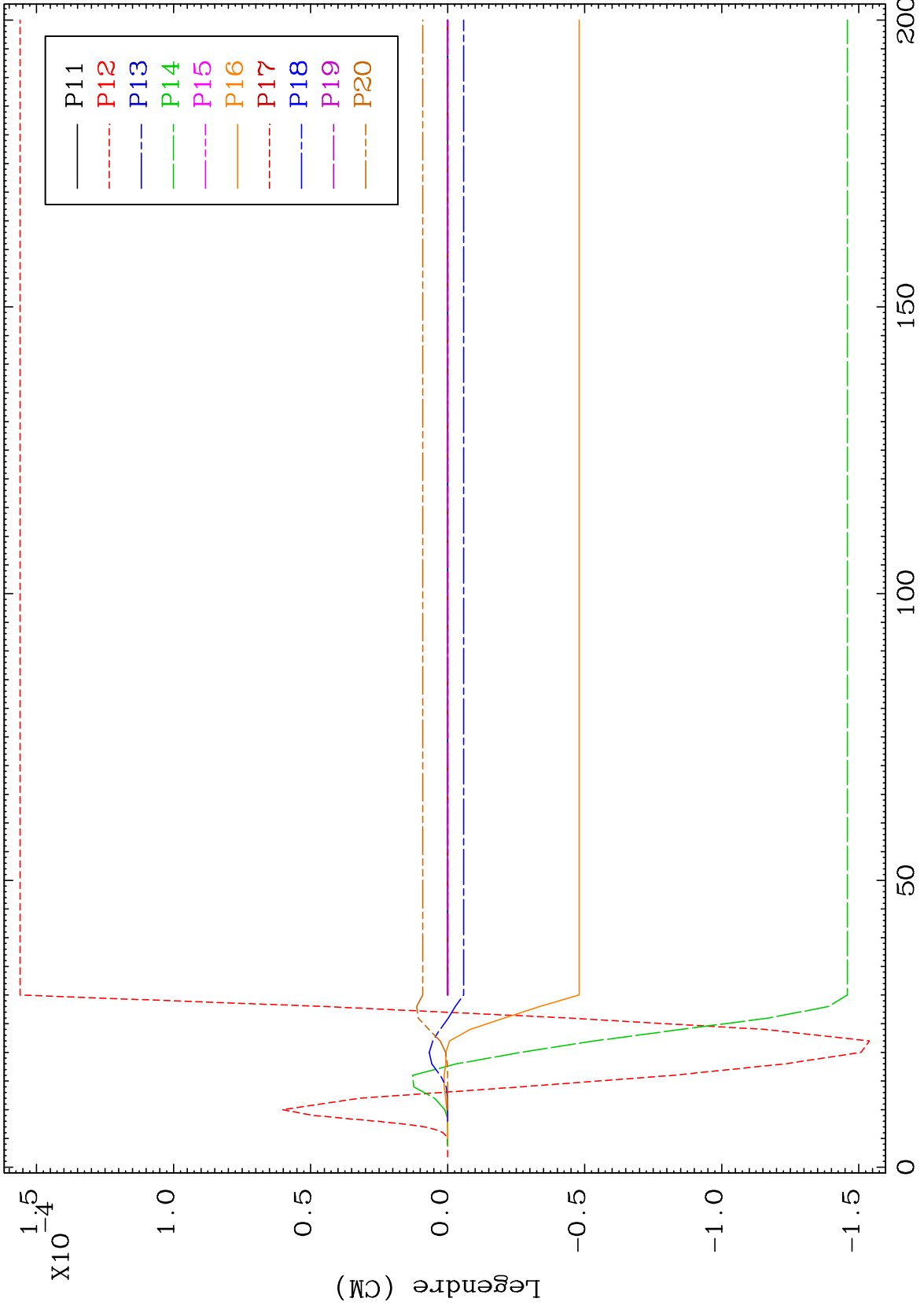
Incident Energy (MeV)

79-Au-200

MAT 7934

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

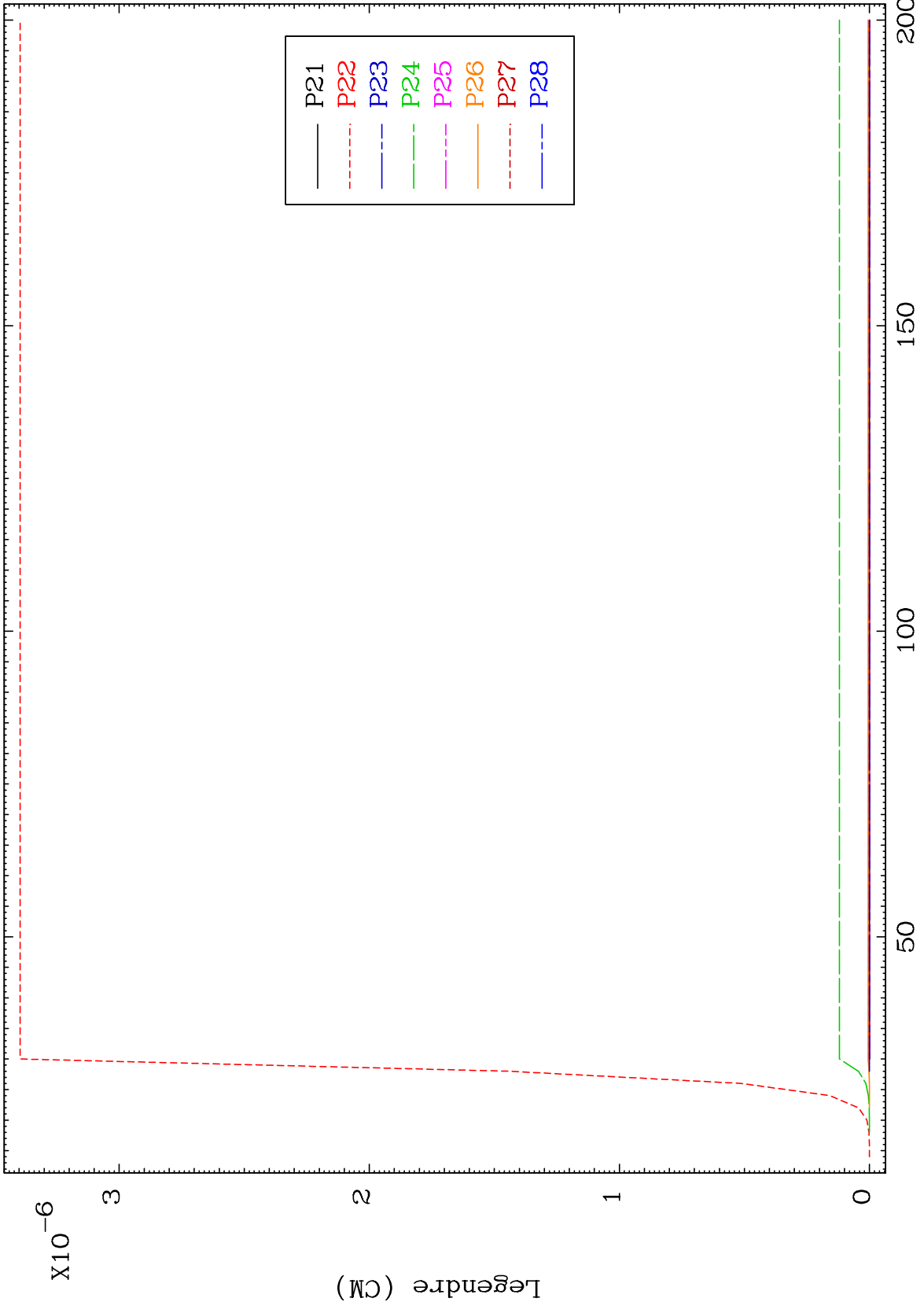
79-Au-200



38

79-Au-200

MAT 7934 MT= 56 (n,n') Level Legendre Coefficients 79-Au-200

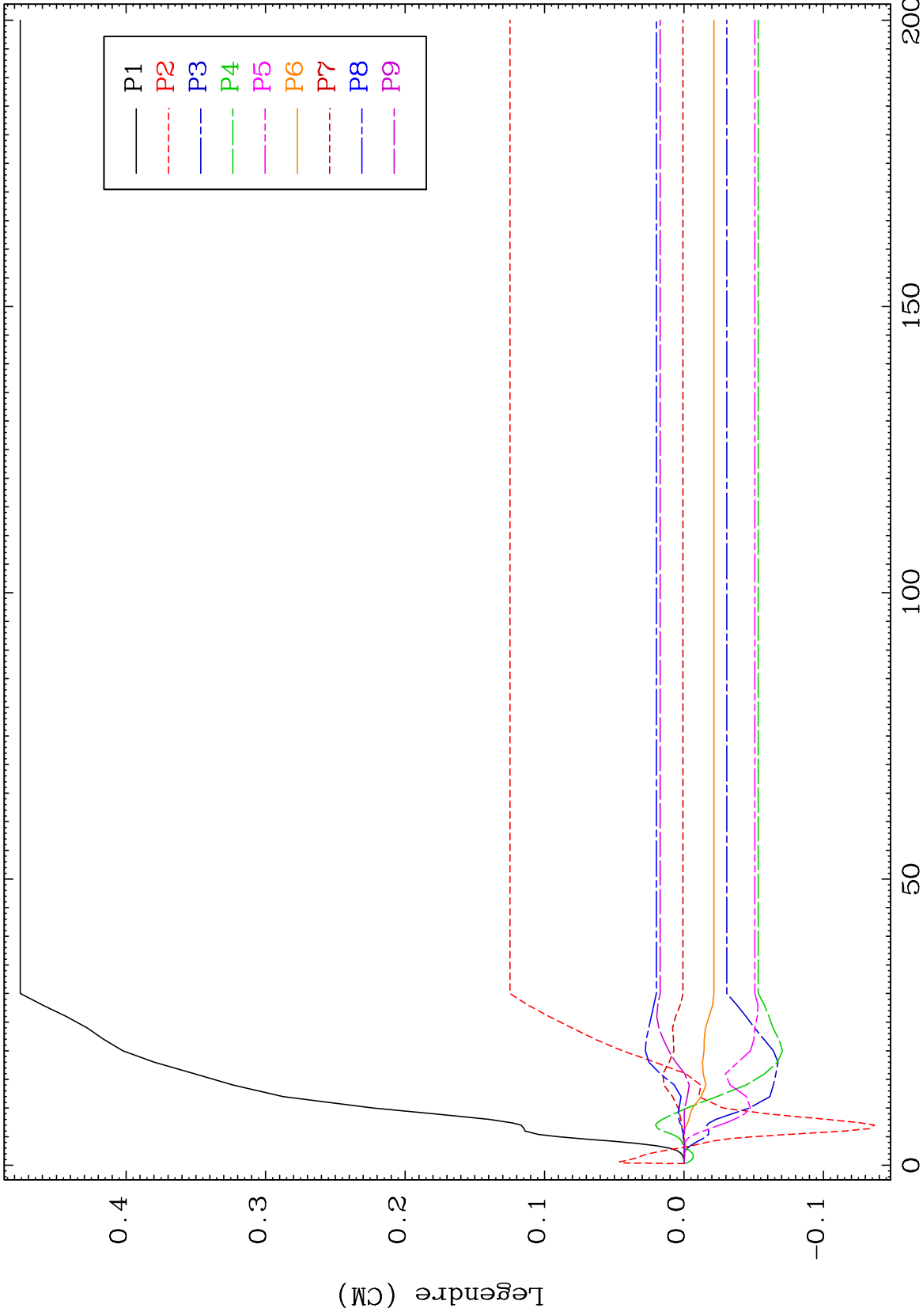


39 79-Au-200

MAT 7934

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

79-Au-200



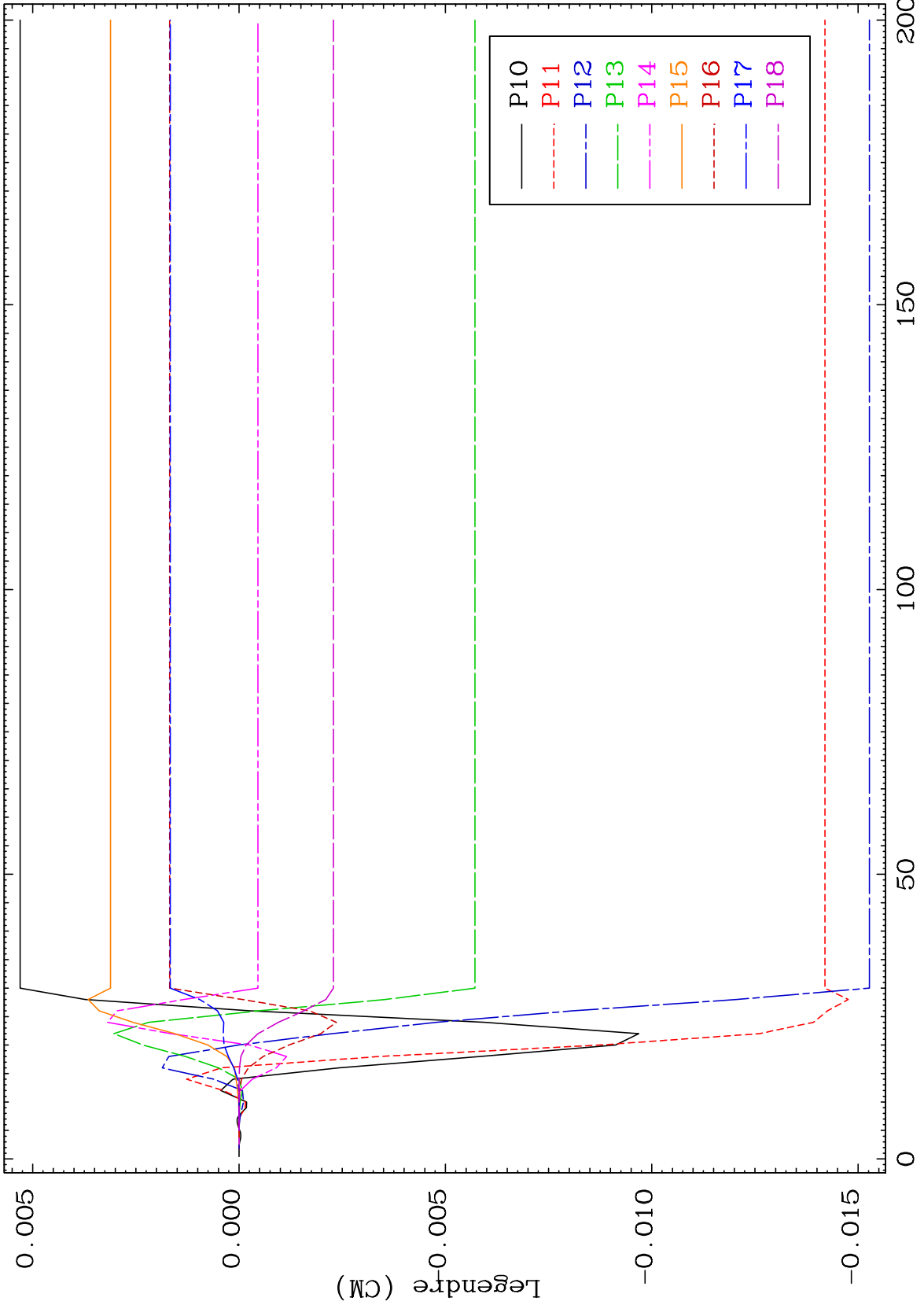
79-Au-200

Incident Energy (MeV)

MAT 7934

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

79-Au-200



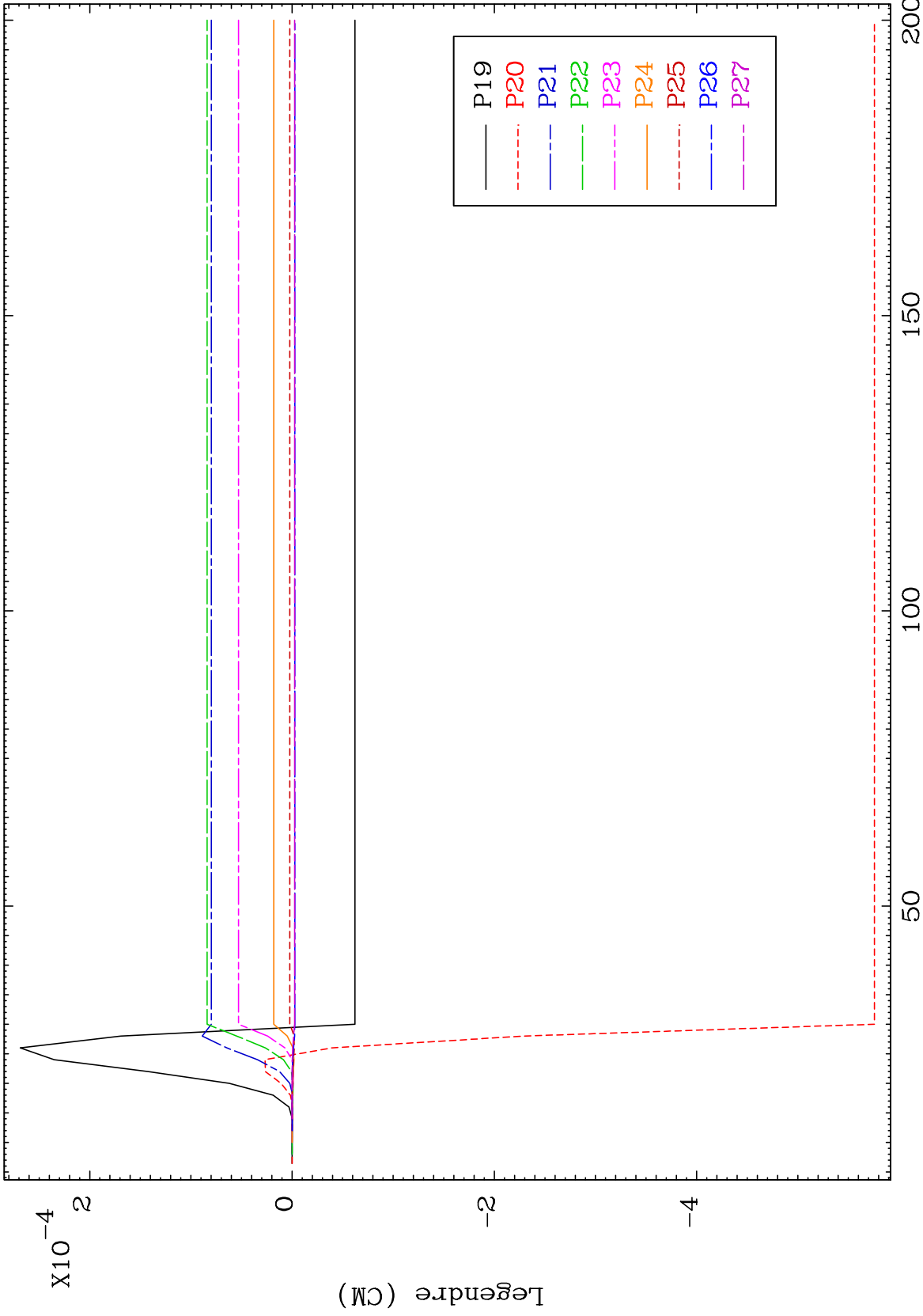
41

79-Au-200

MAT 7934

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

79-Au-200

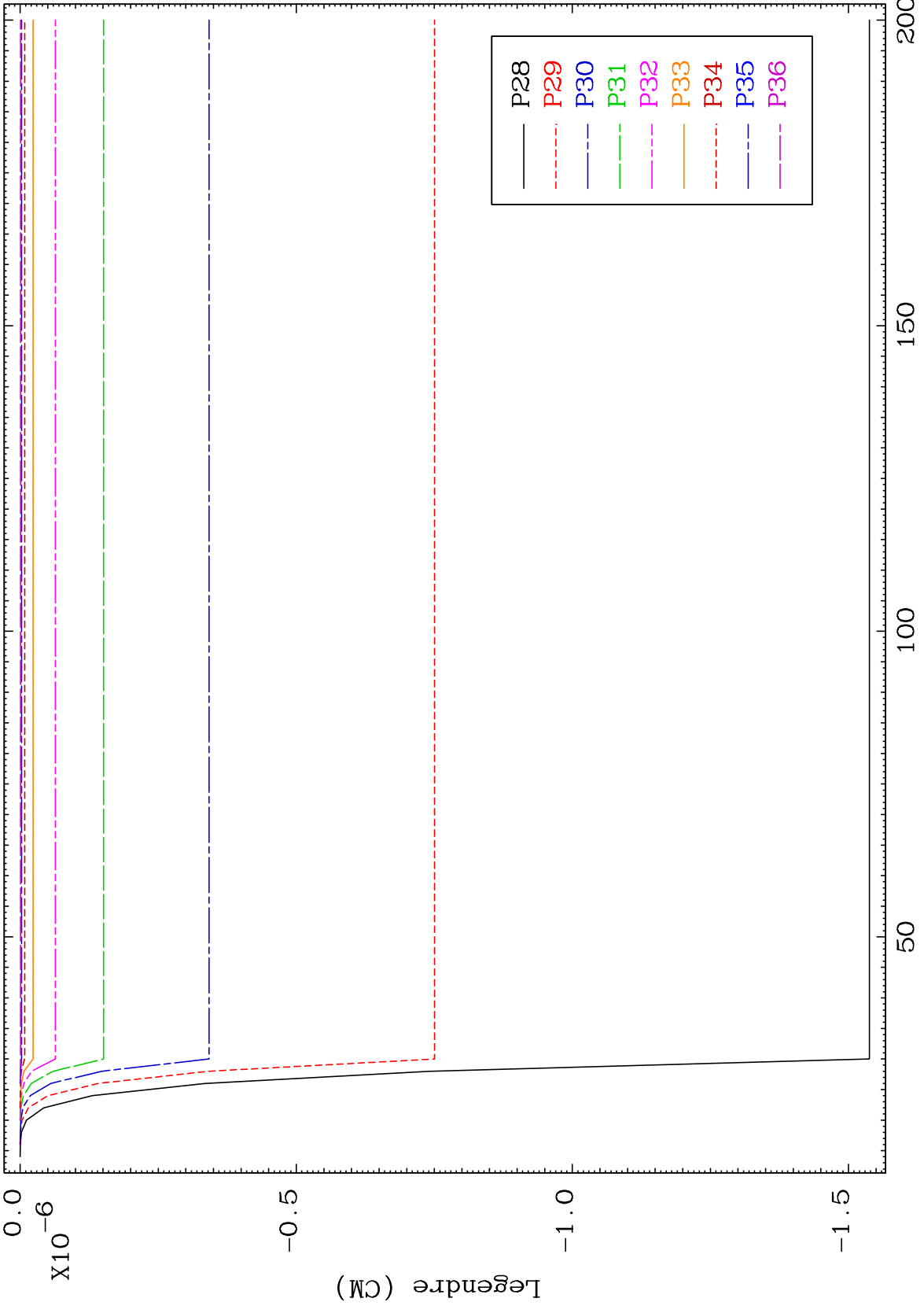


42

Incident Energy (MeV)

79-Au-200

MAT 7934 MT= 57 (n,n') Level Legendre Coefficients 79-Au-200

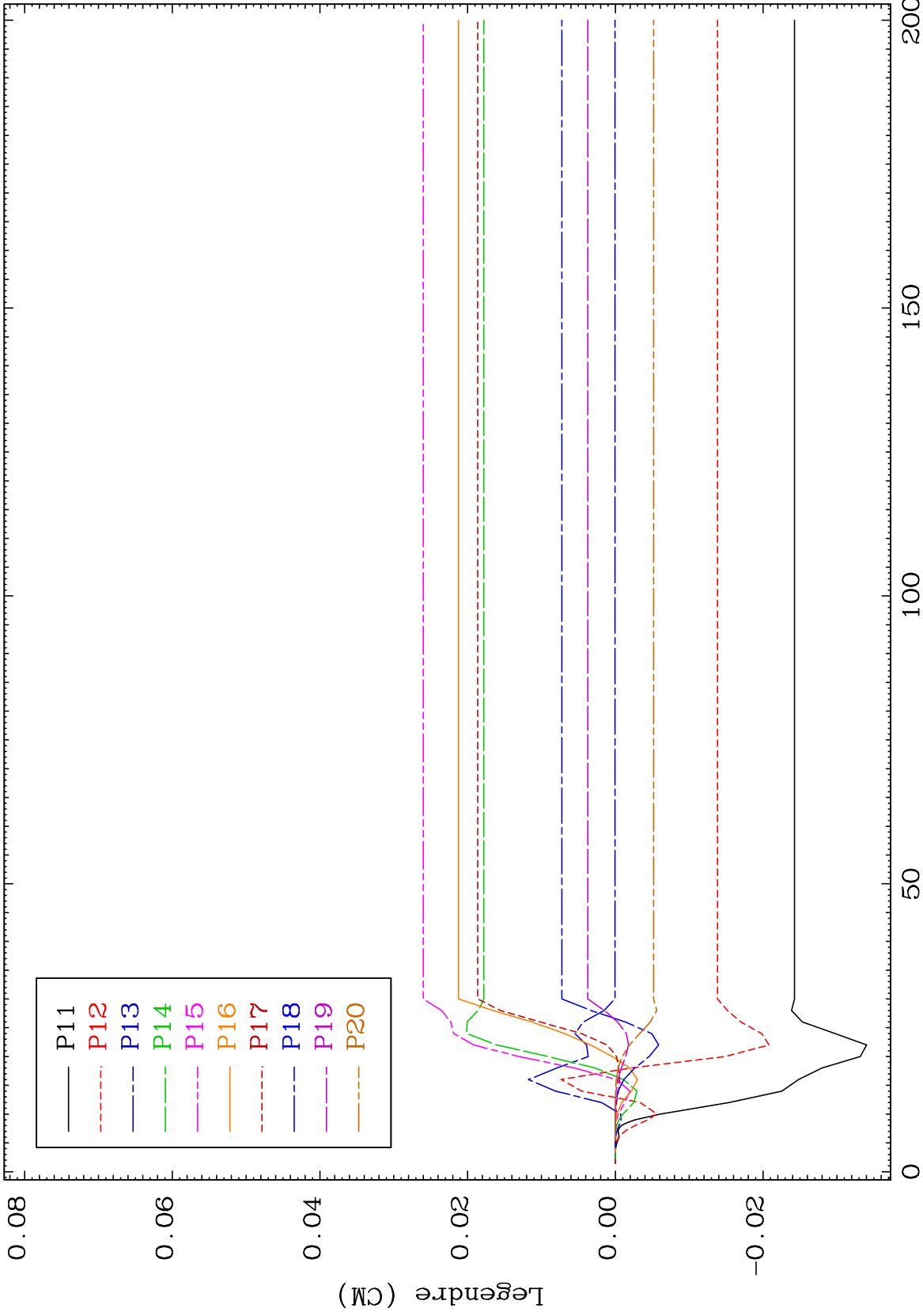


43 79-Au-200

MAT 7934

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

79-Au-200



45

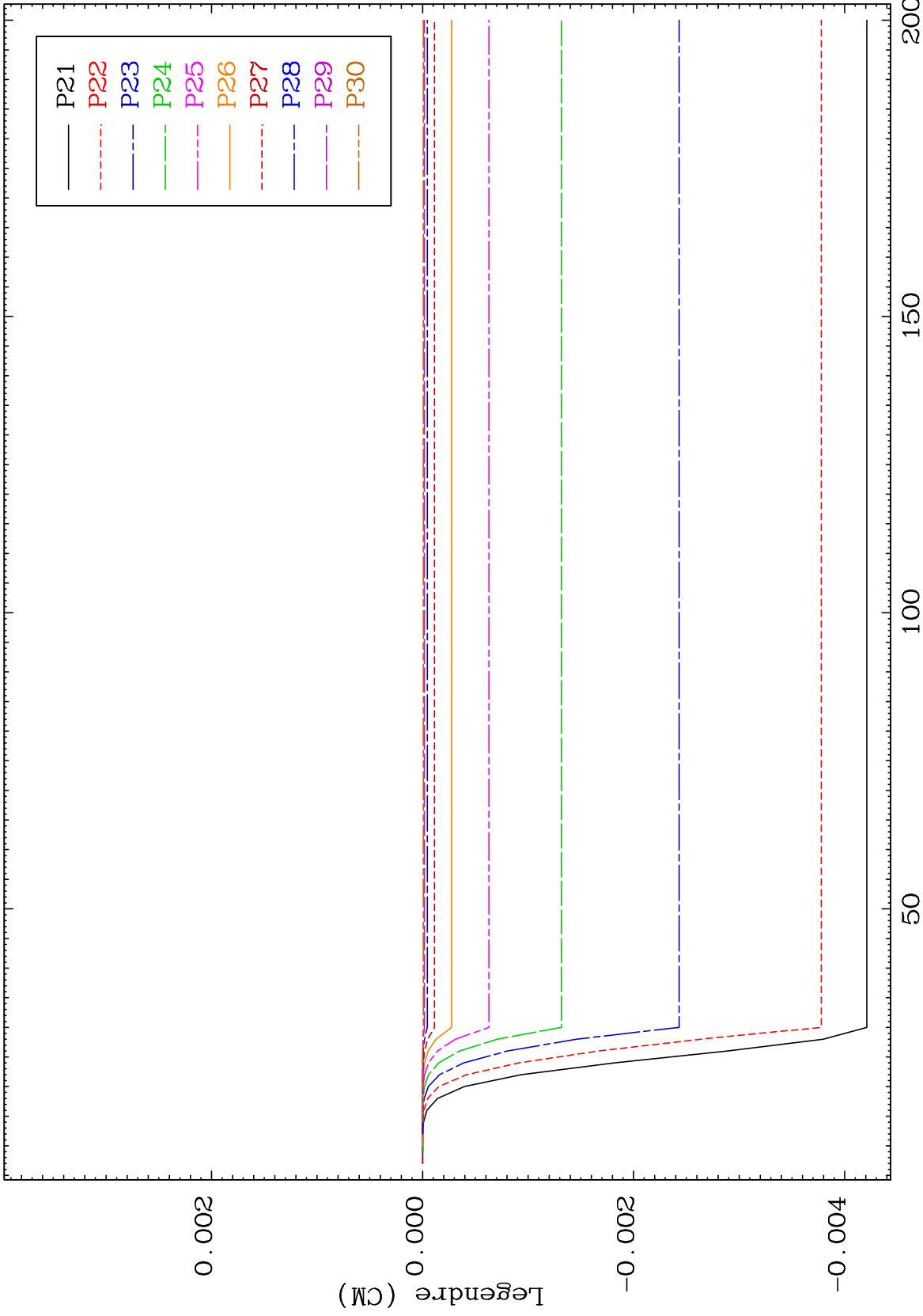
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



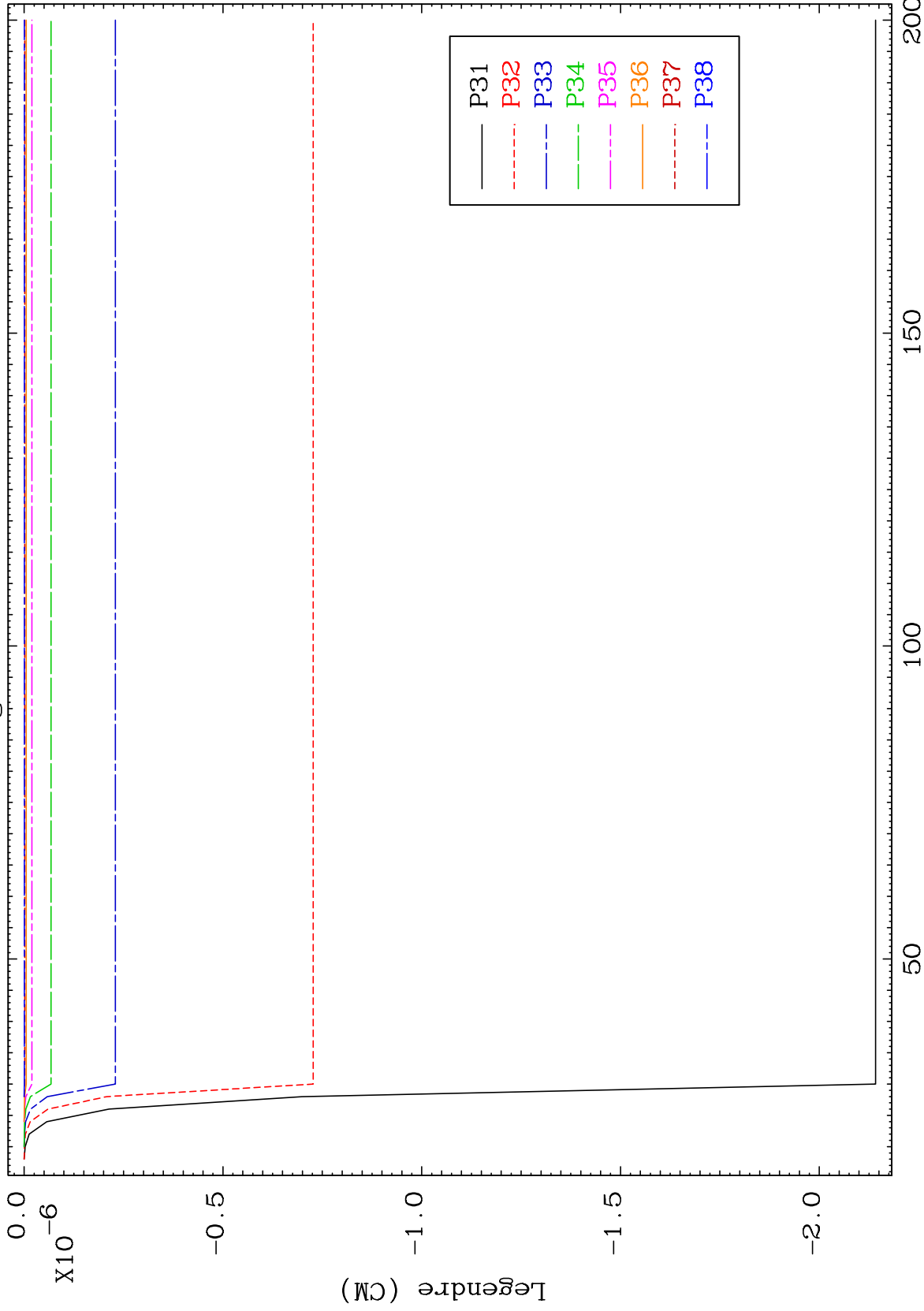
46

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

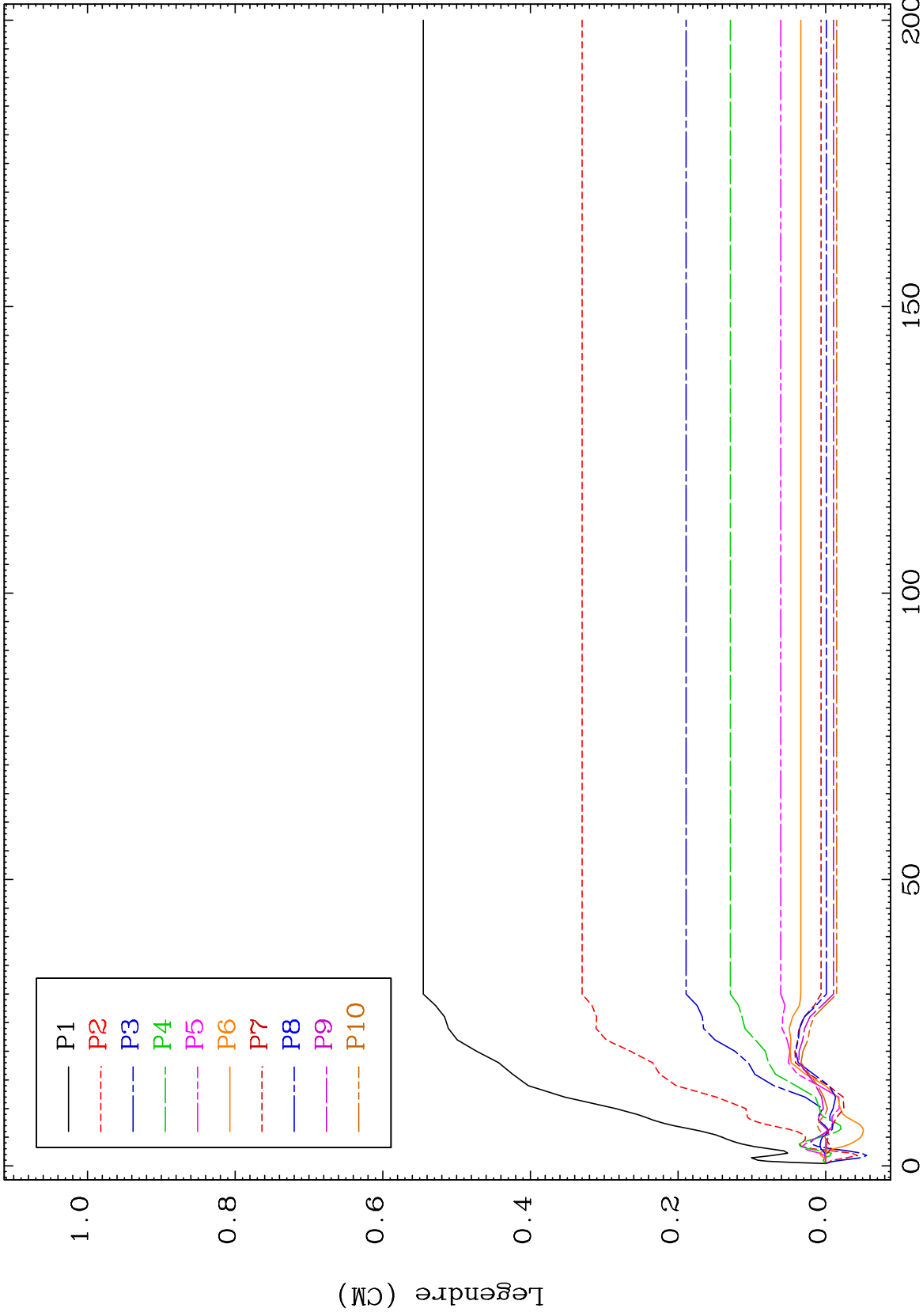
Incident Energy (MeV)

47

MAT 7934

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

79-Au-200



48

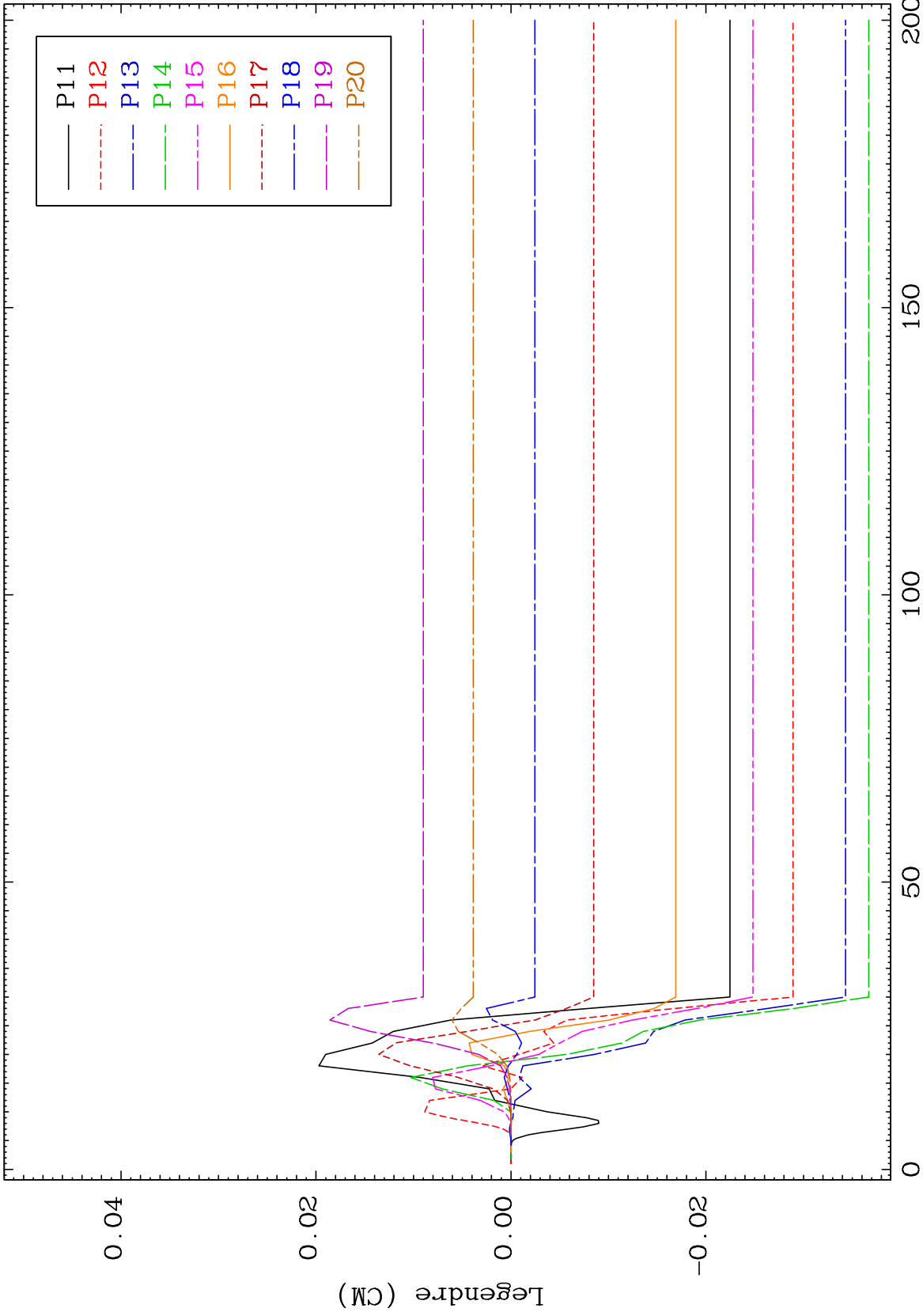
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



49

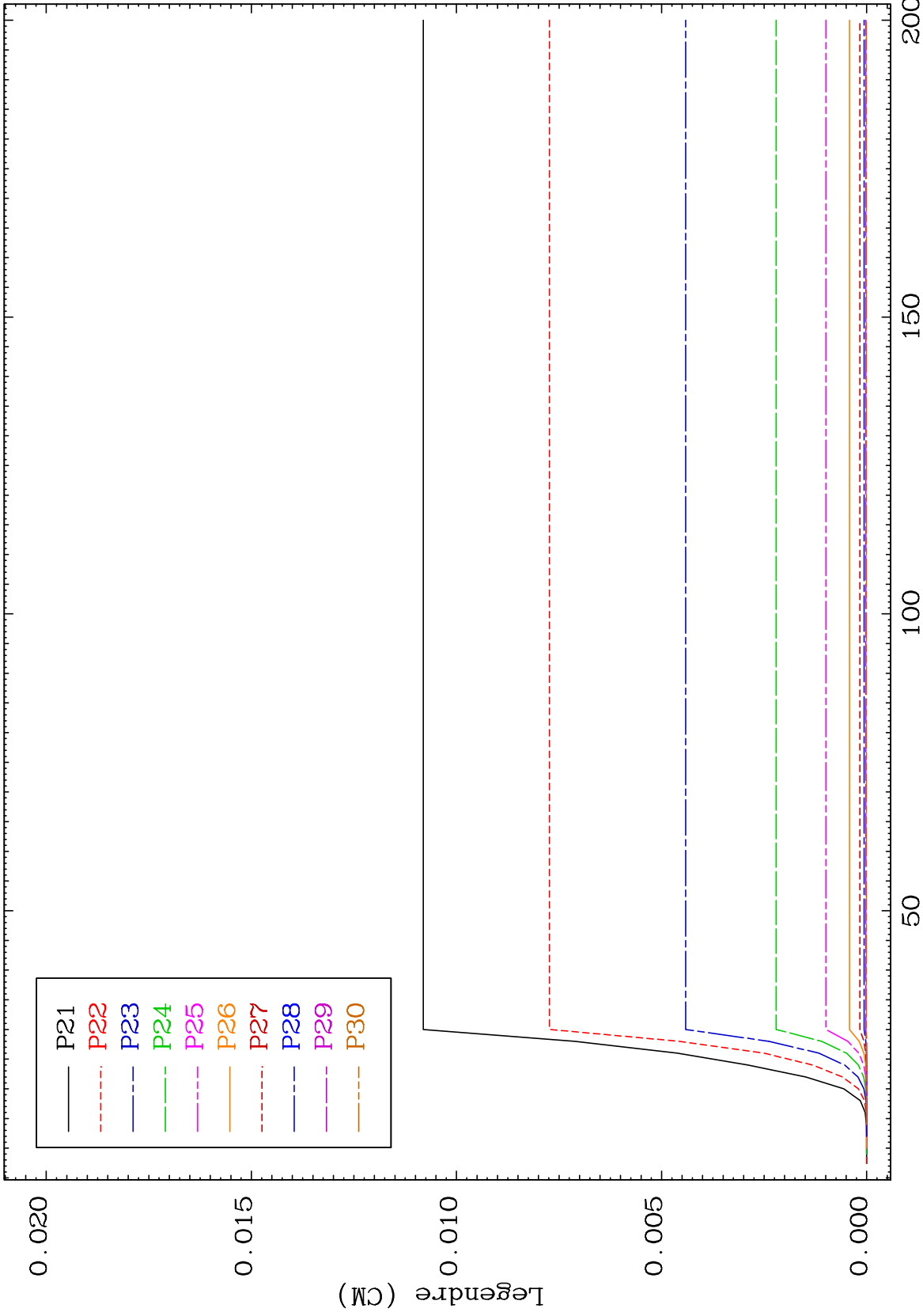
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



50

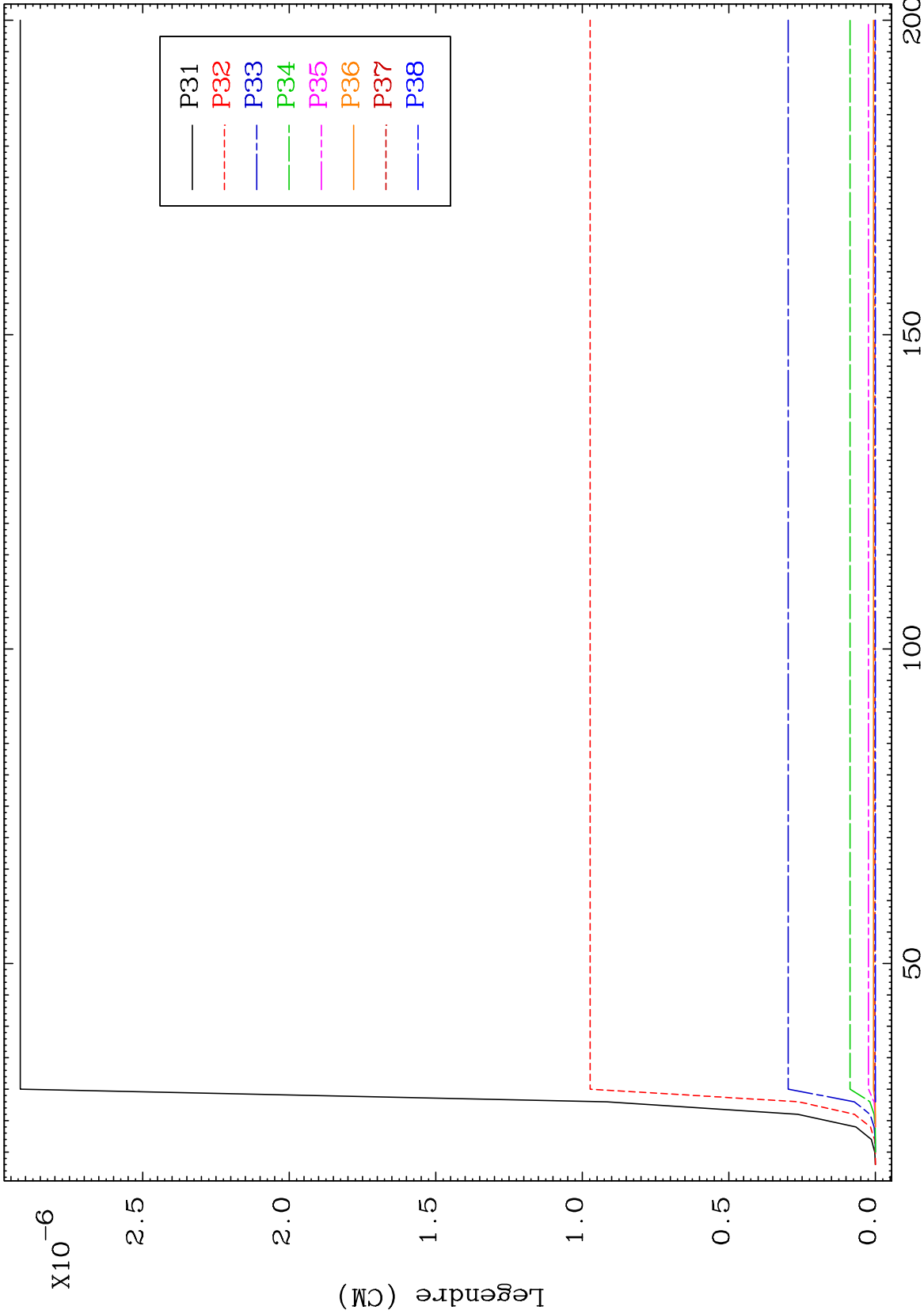
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



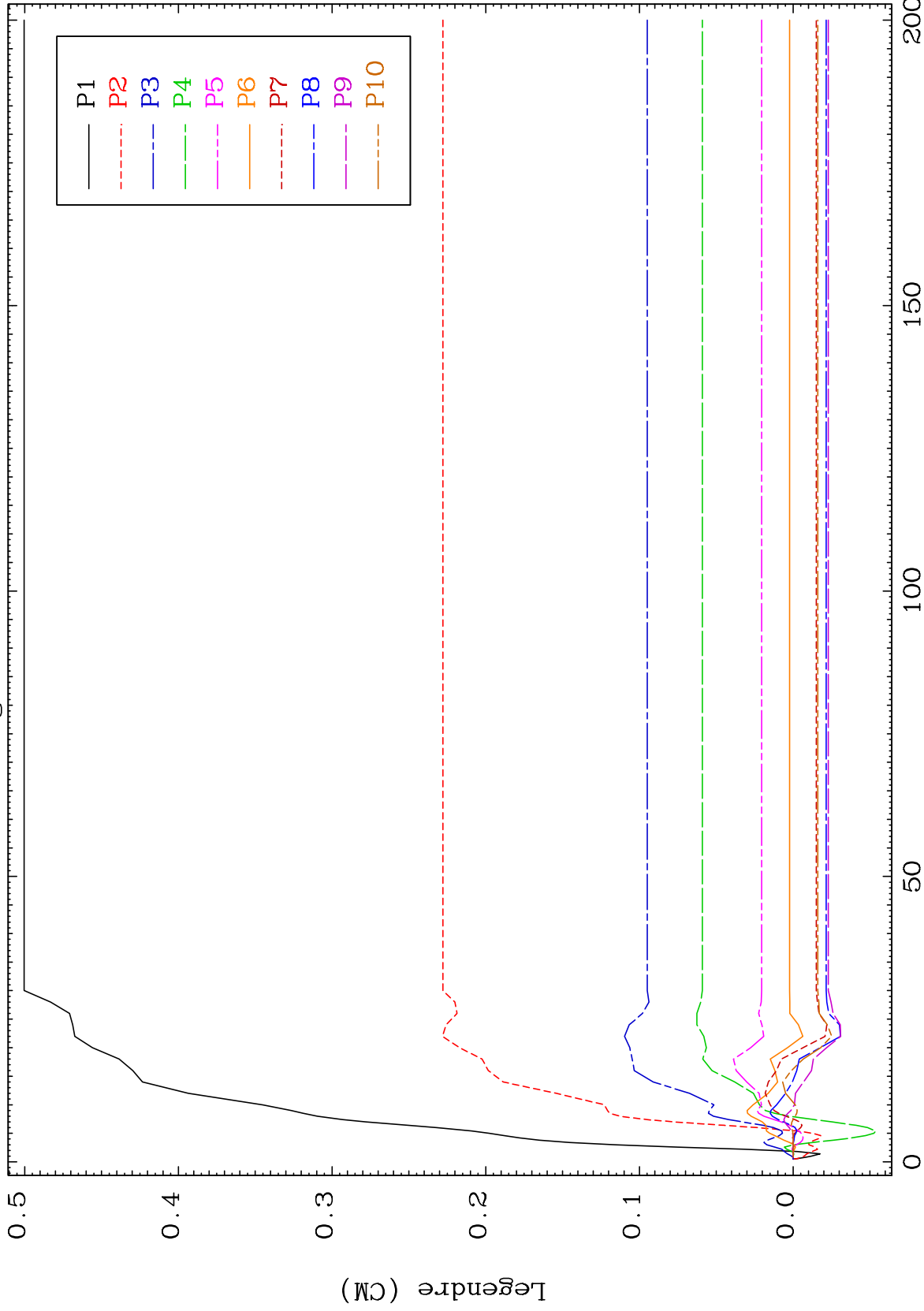
51

79-Au-200

MAT 7934

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

79-Au-200



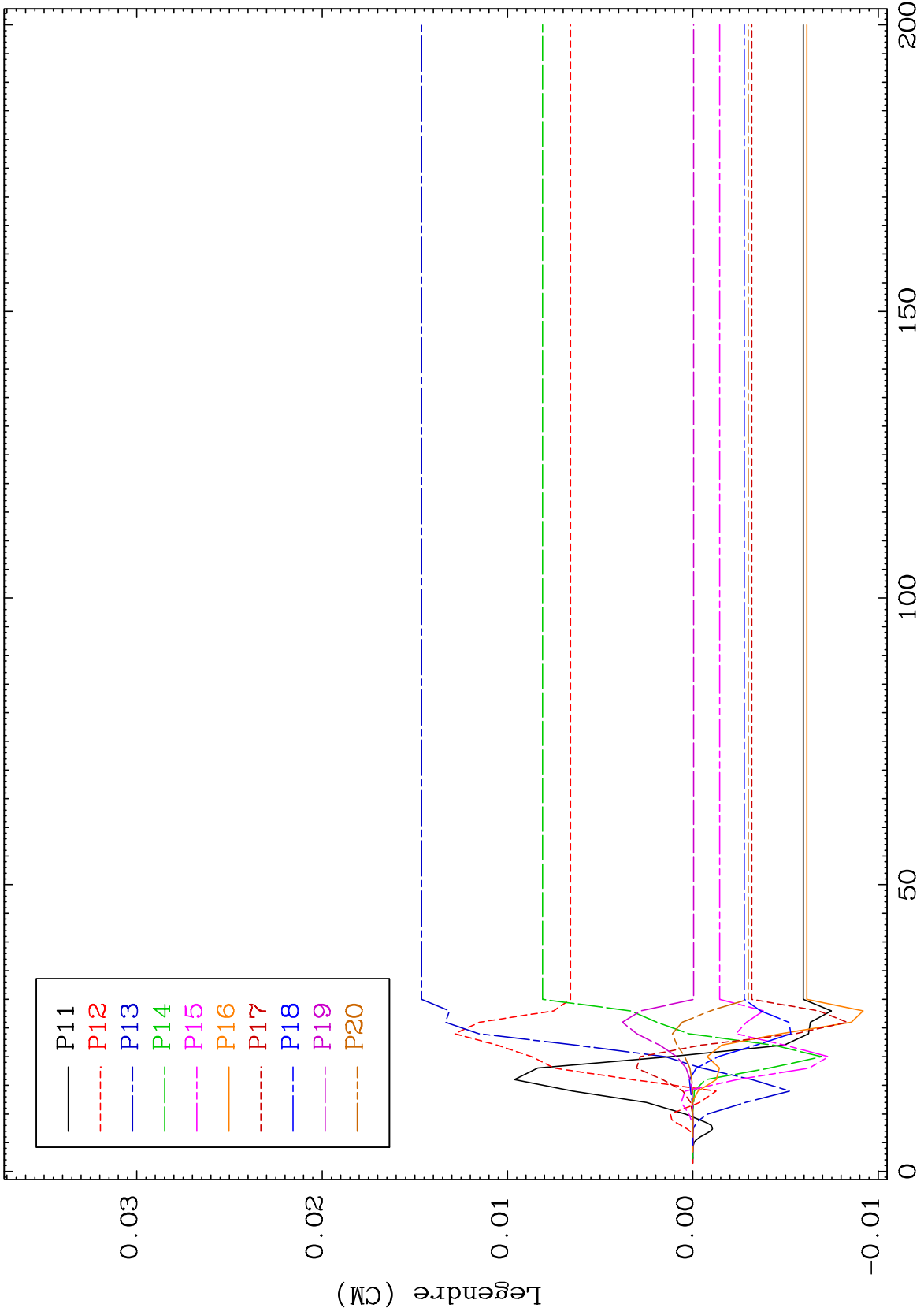
52

79-Au-200

MAT 7934

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

79-Au-200



53

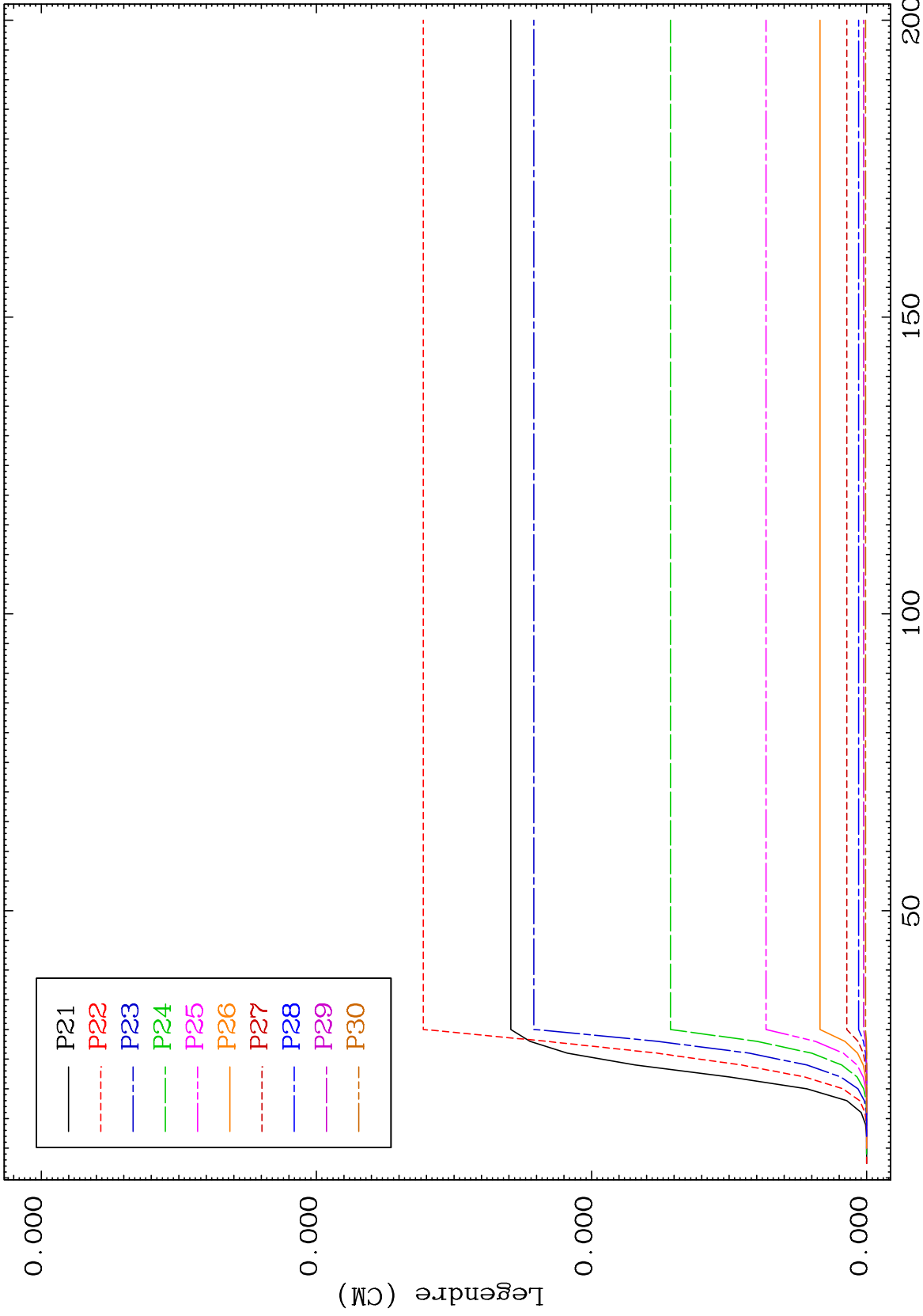
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



54

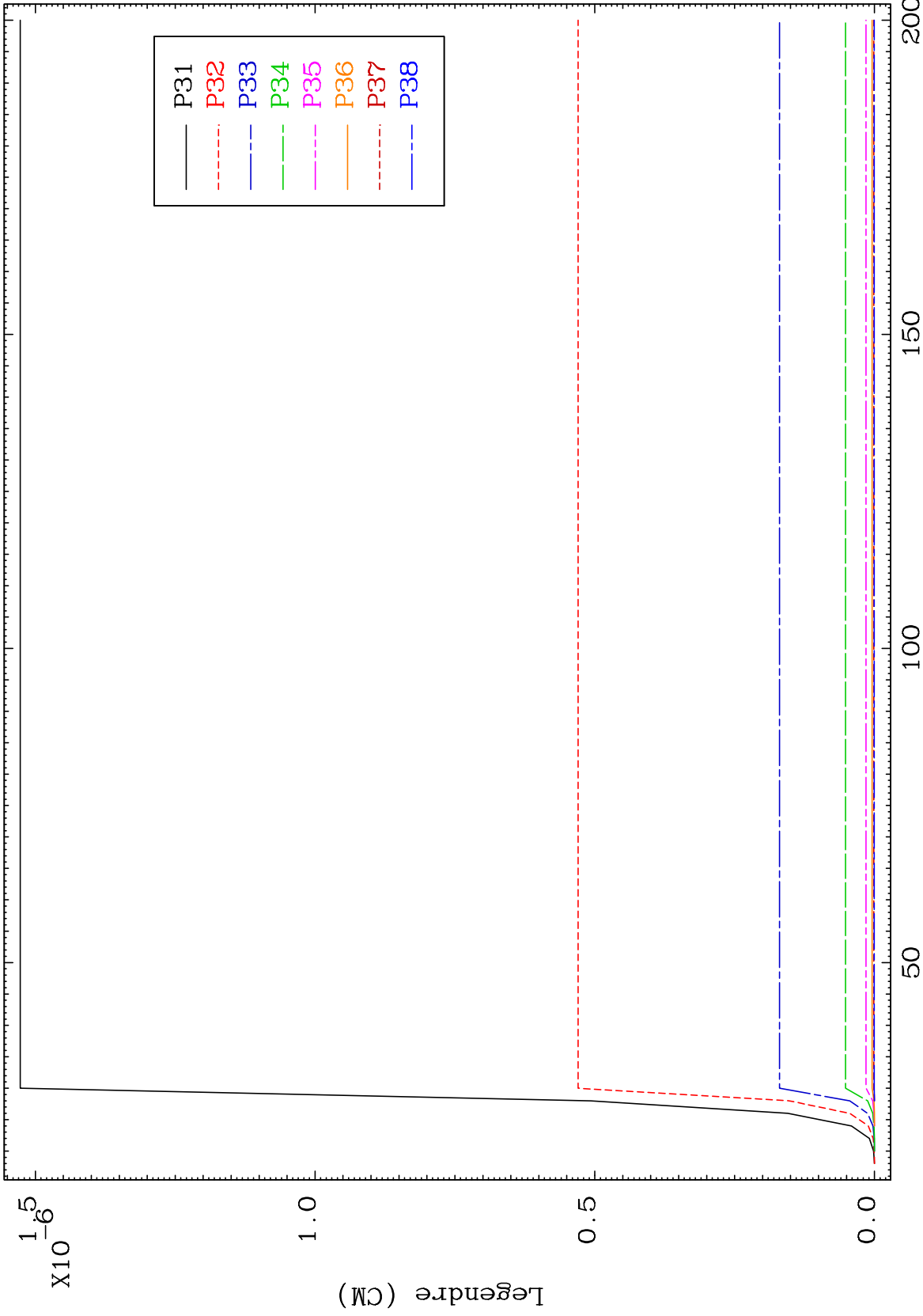
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



55

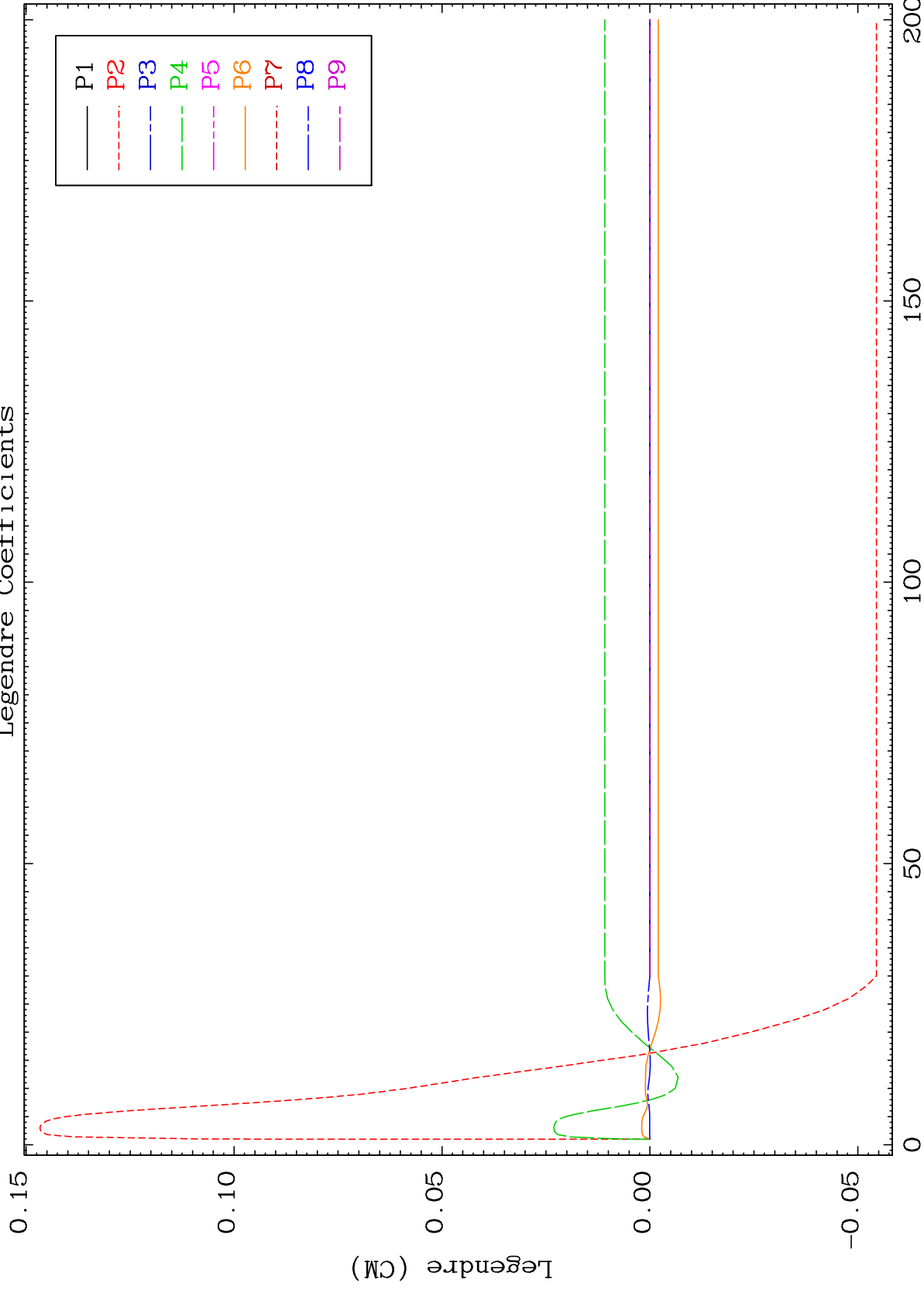
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



56

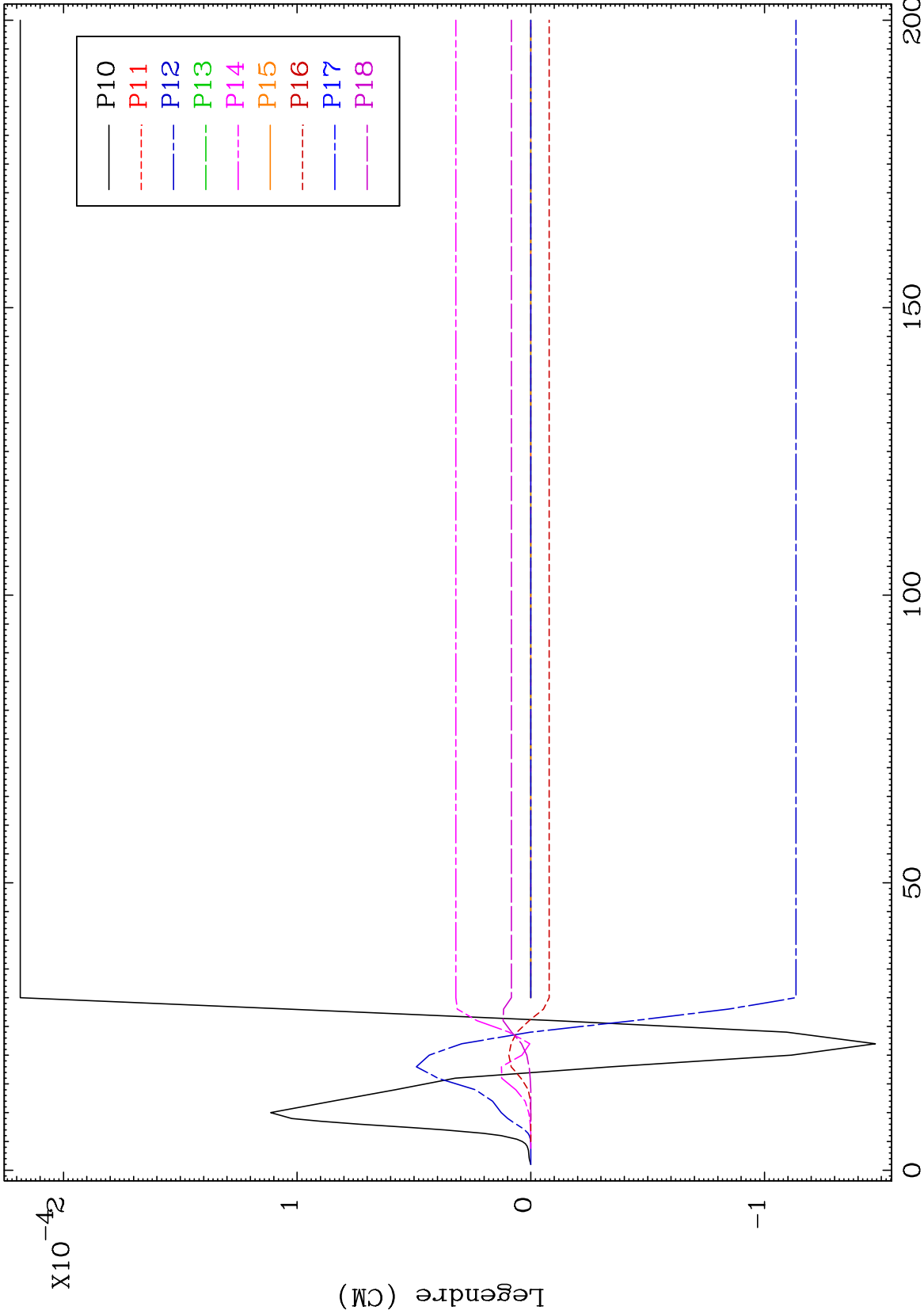
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

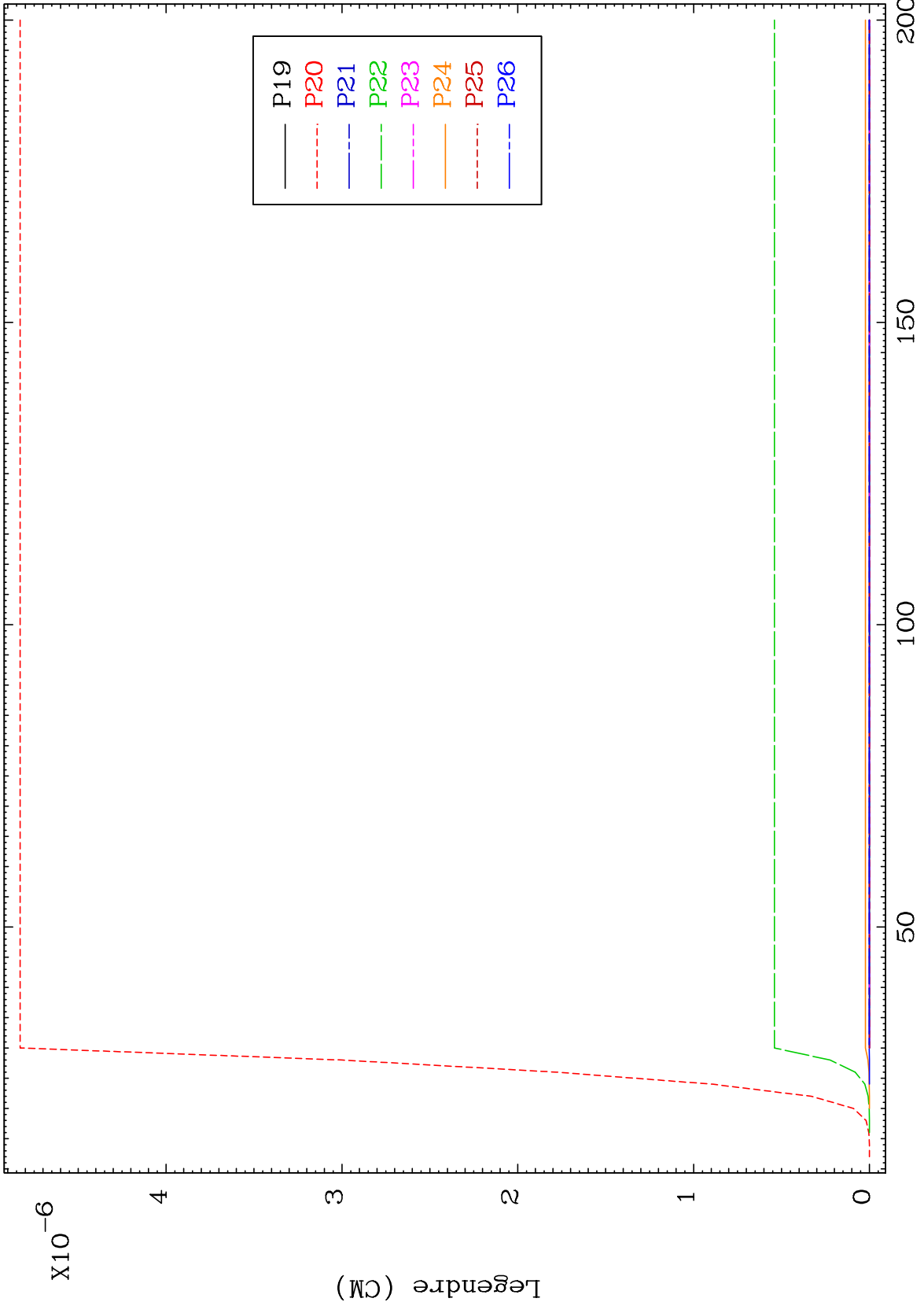


57

Incident Energy (MeV)

79-Au-200

MAT 7934 MT= 61 (n,n') Level Legendre Coefficients 79-Au-200

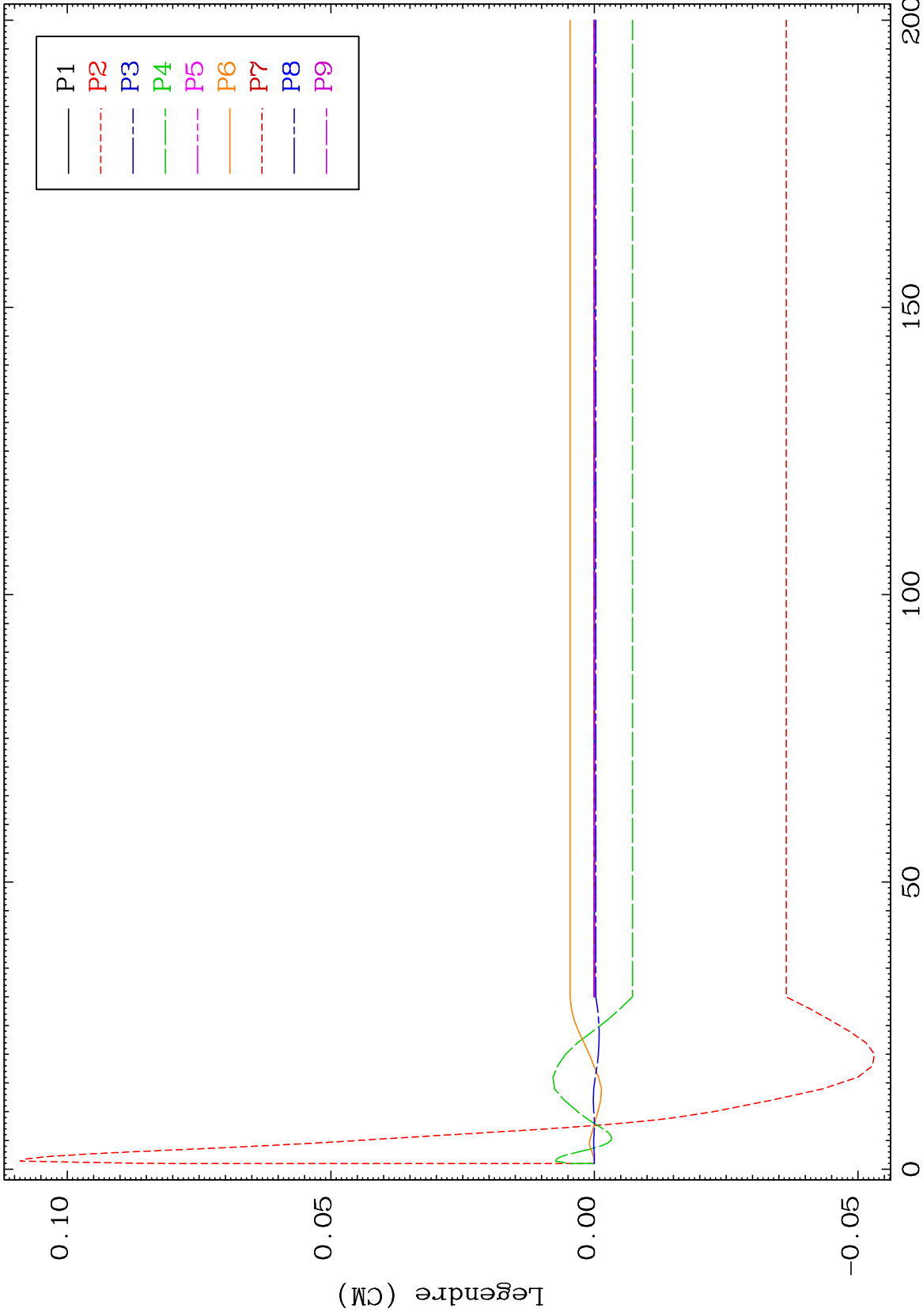


58 Incident Energy (MeV) 79-Au-200

MAT 7934

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

79-Au-200



59

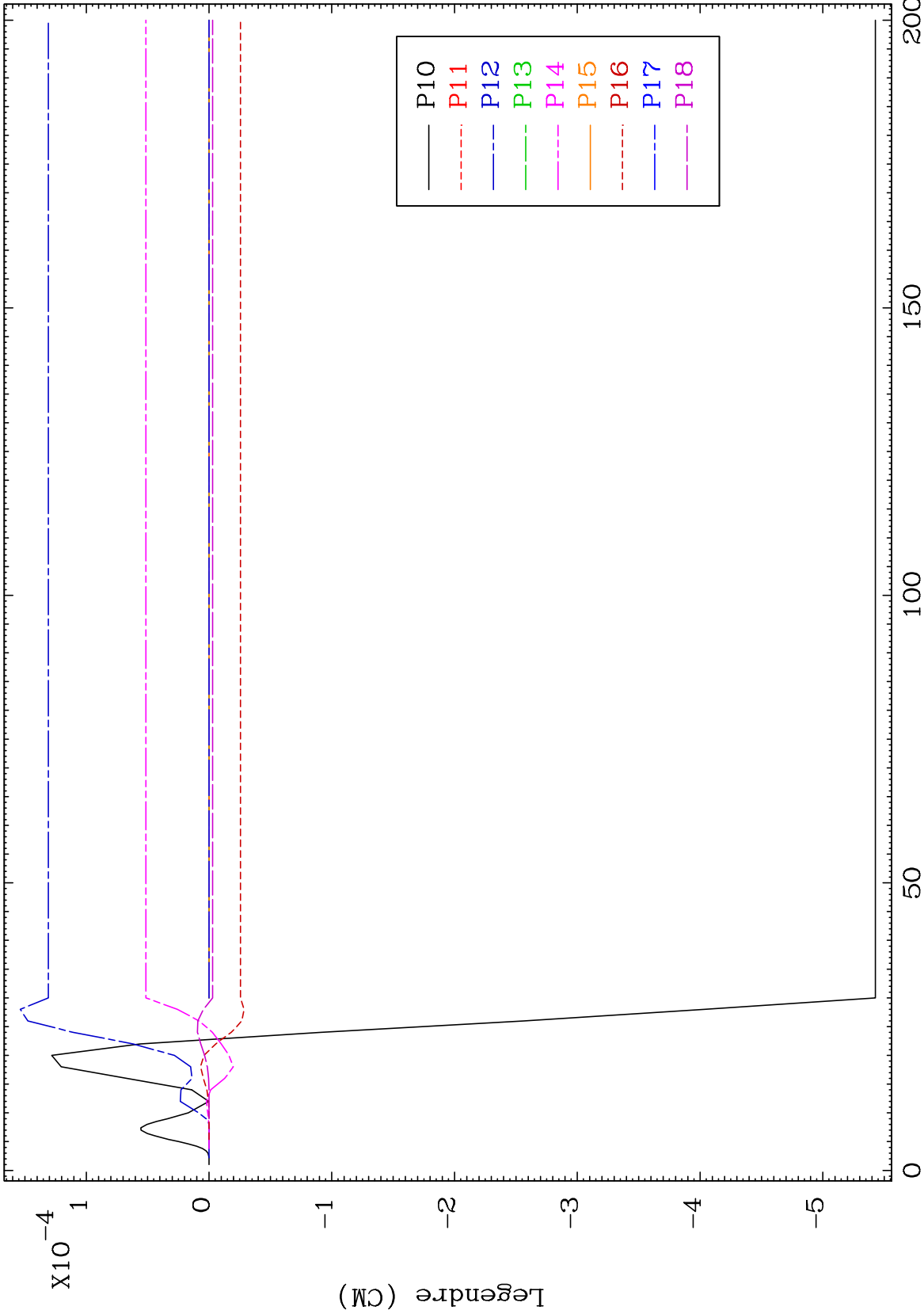
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

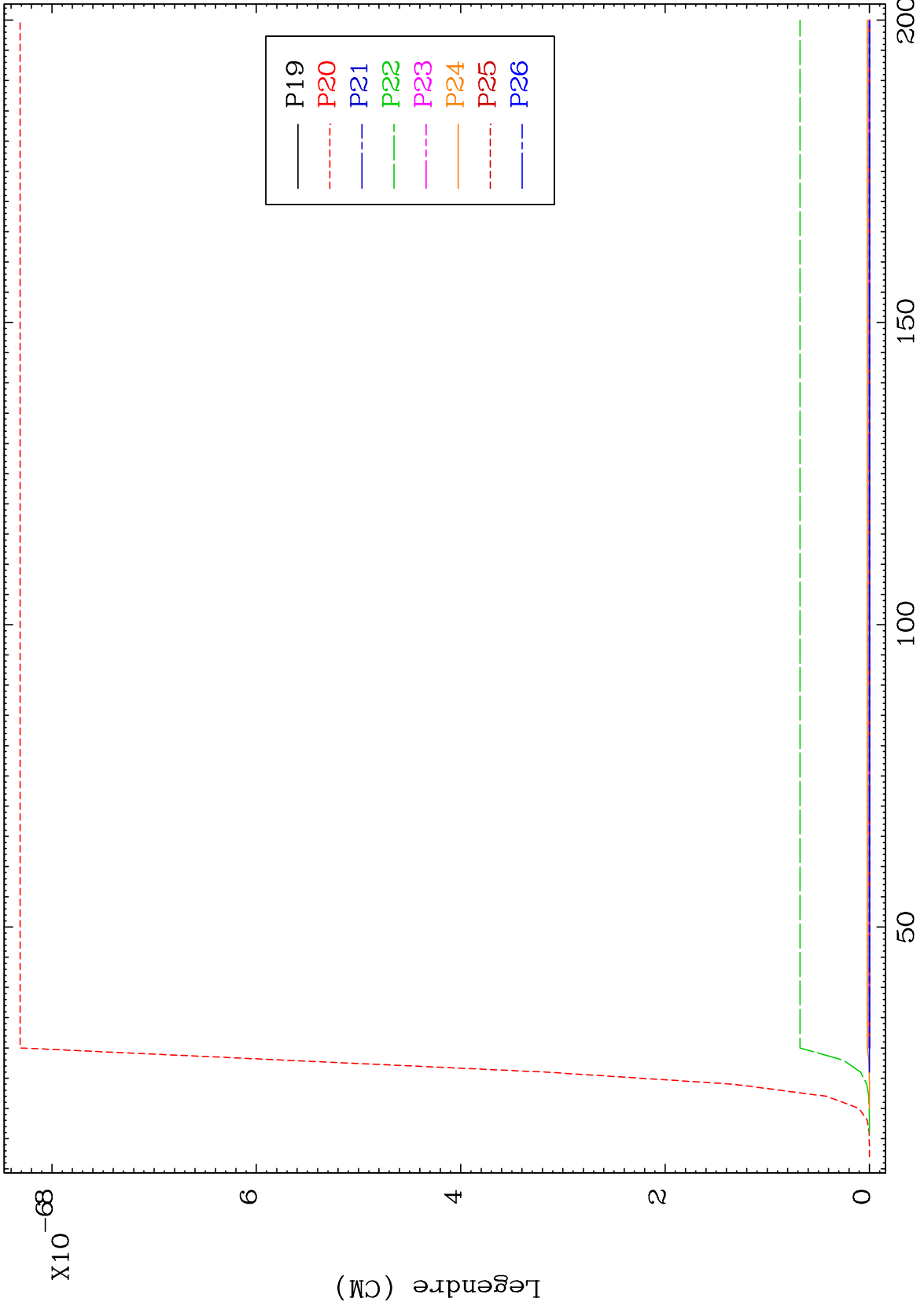


60

Incident Energy (MeV)

79-Au-200

MAT 7934 MT= 62 (n,n') Level Legendre Coefficients 79-Au-200

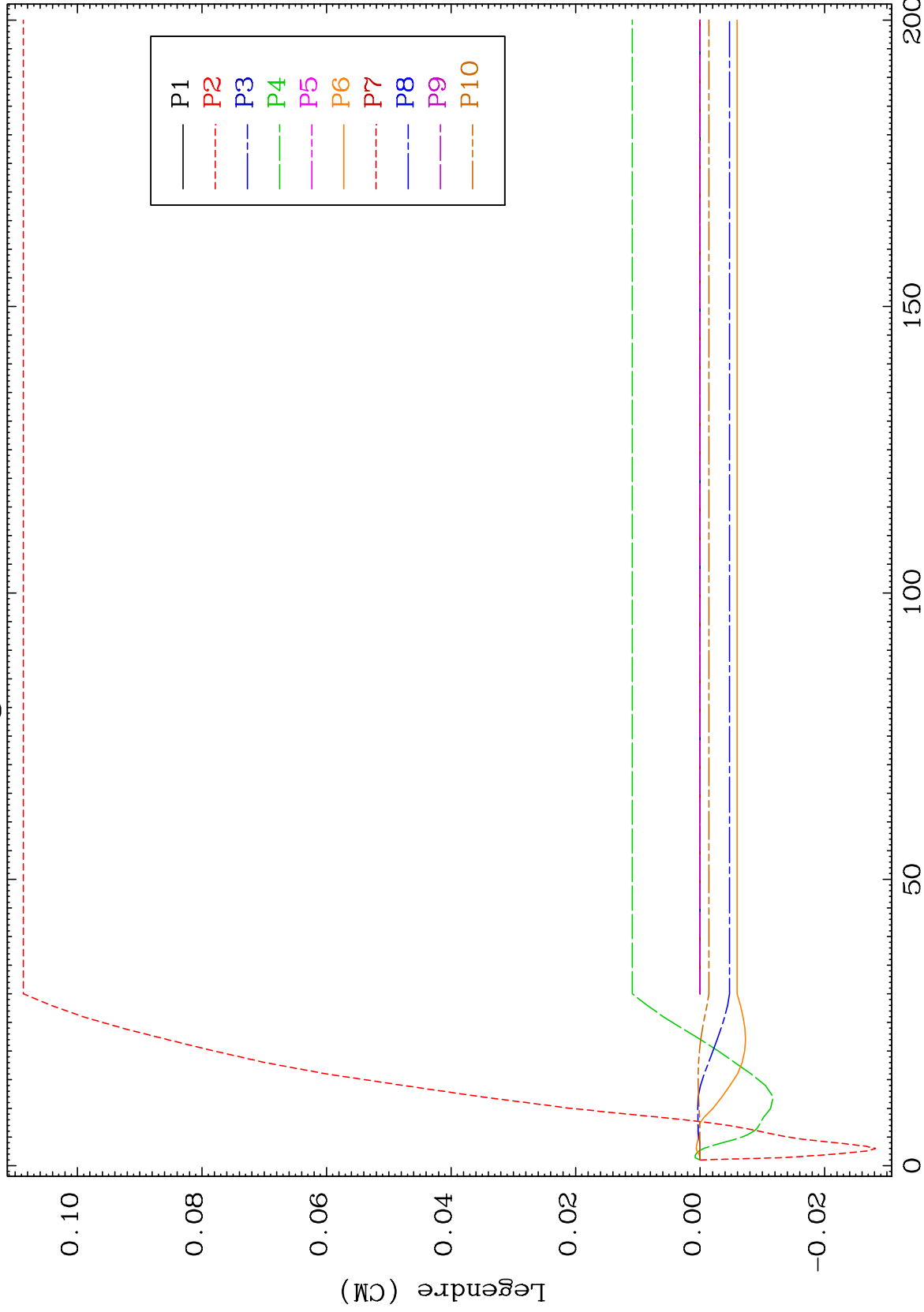


61 Incident Energy (MeV) 79-Au-200

MAT 7934

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

79-Au-200



62

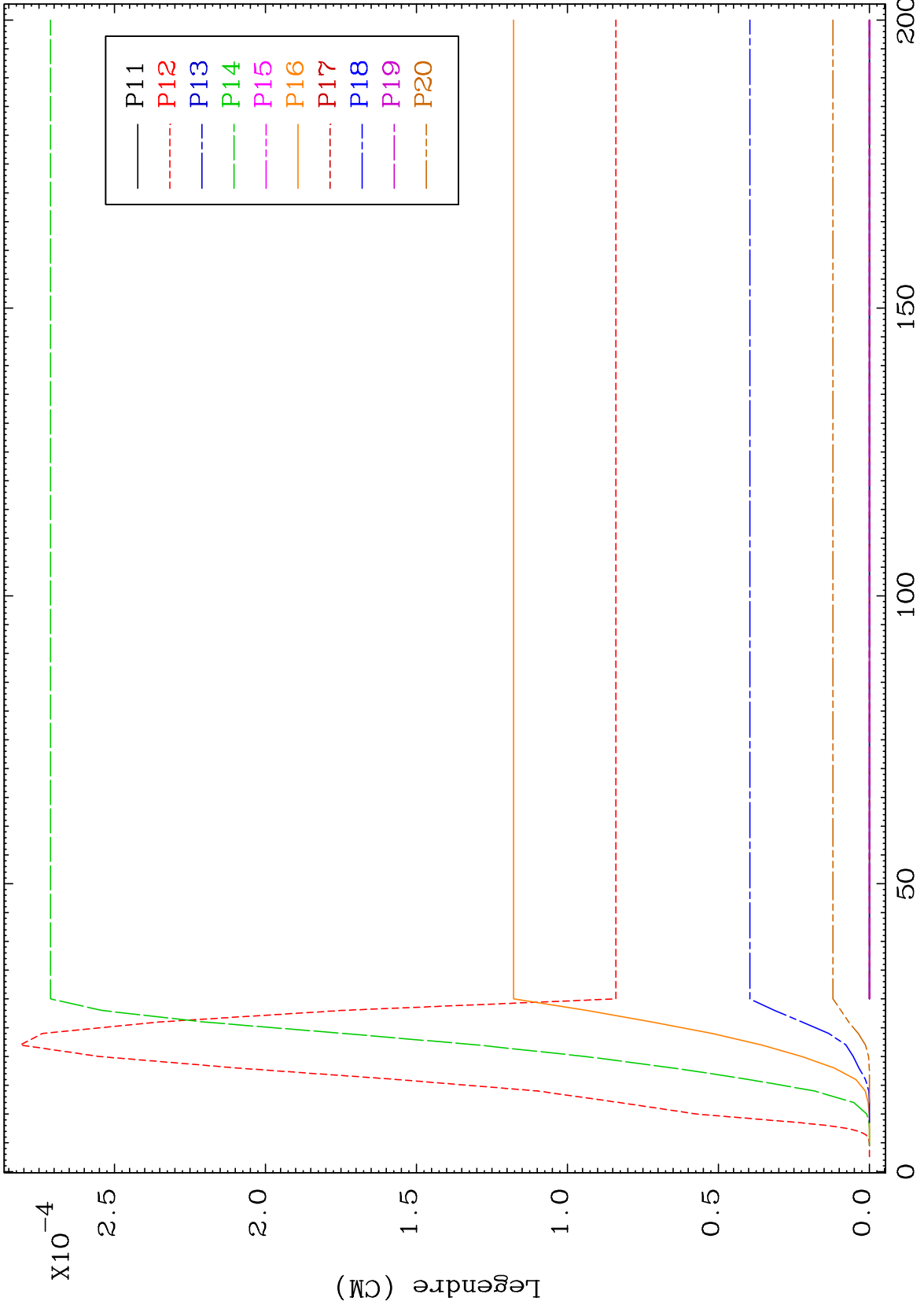
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



63

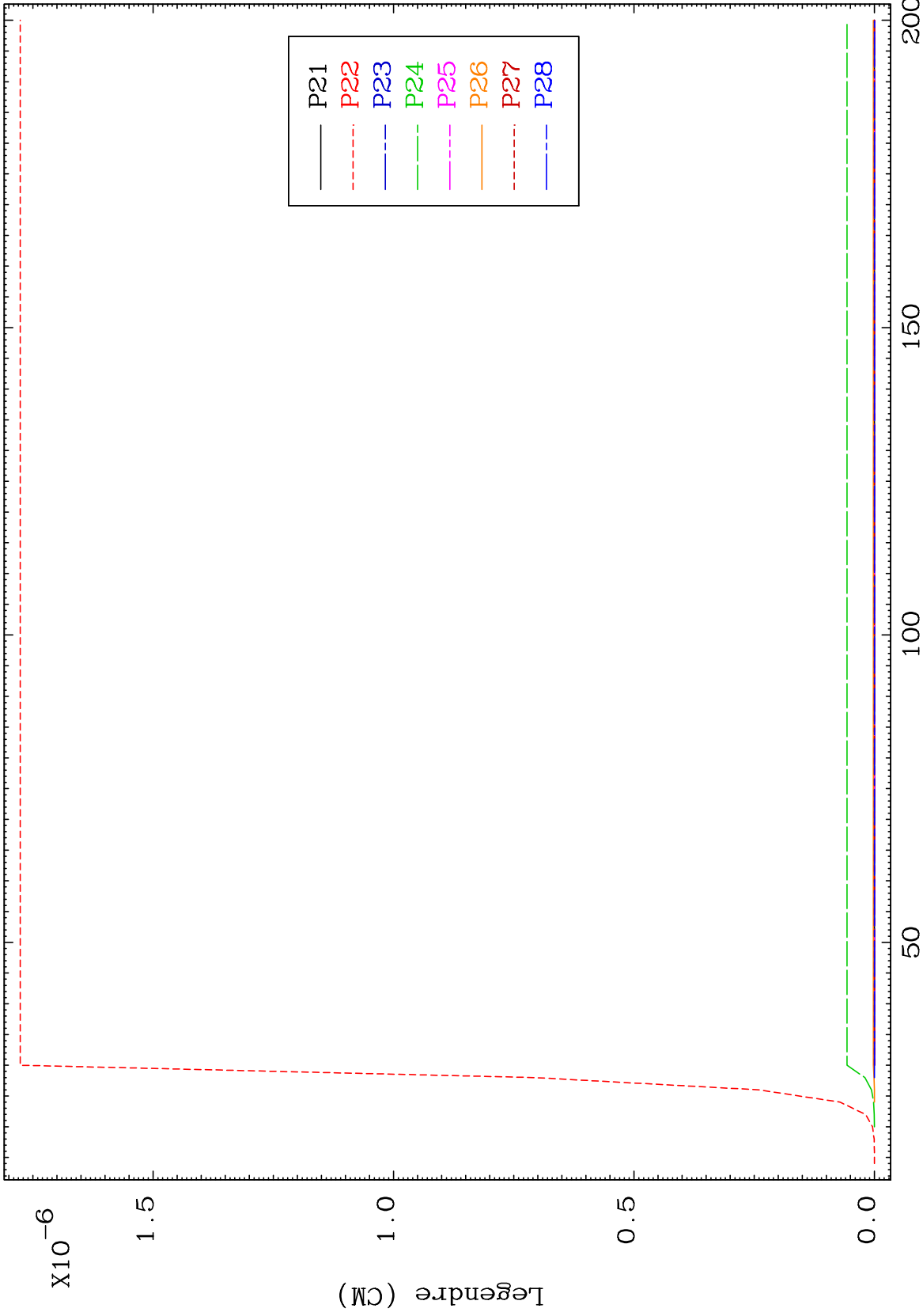
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



64

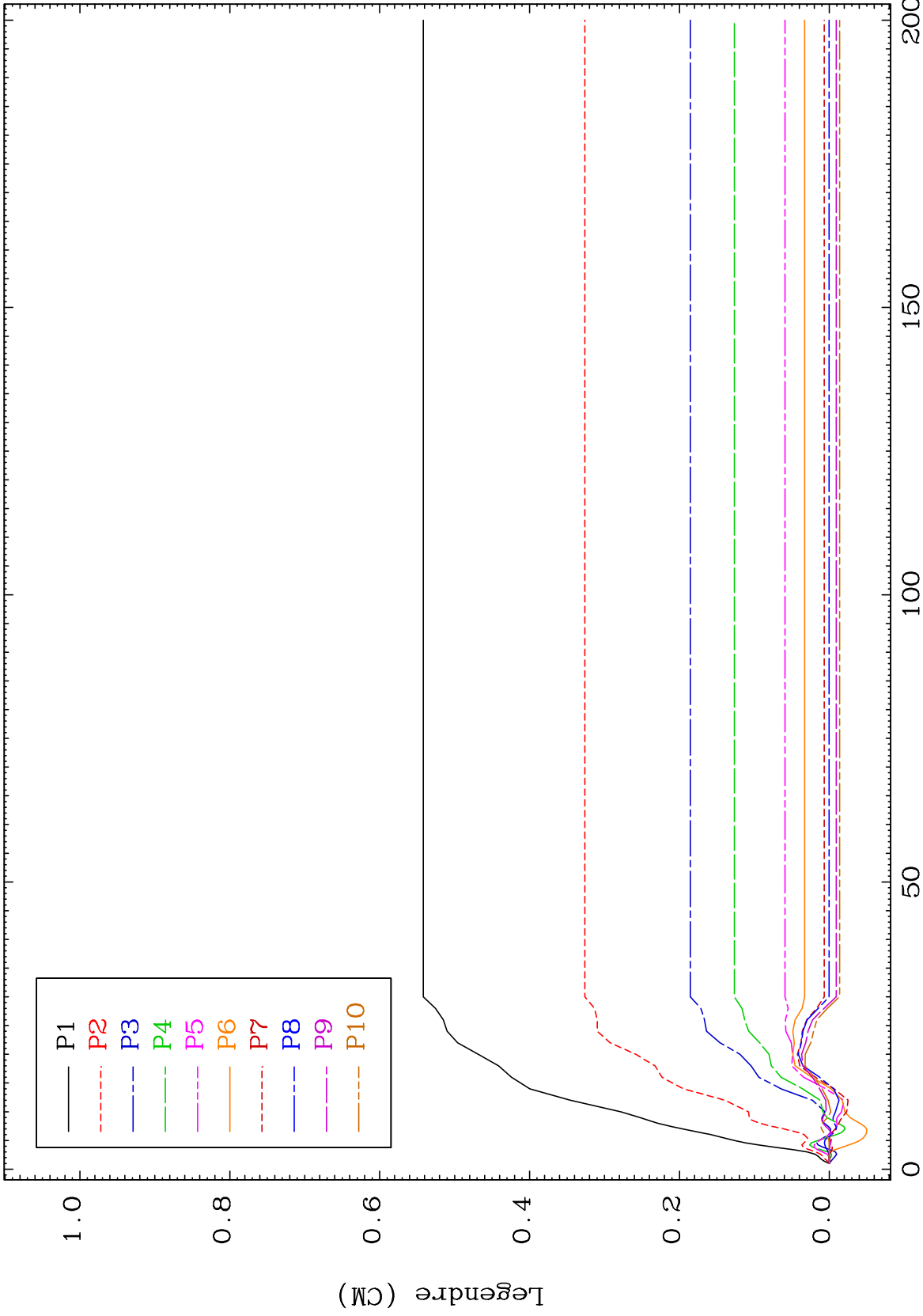
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



65

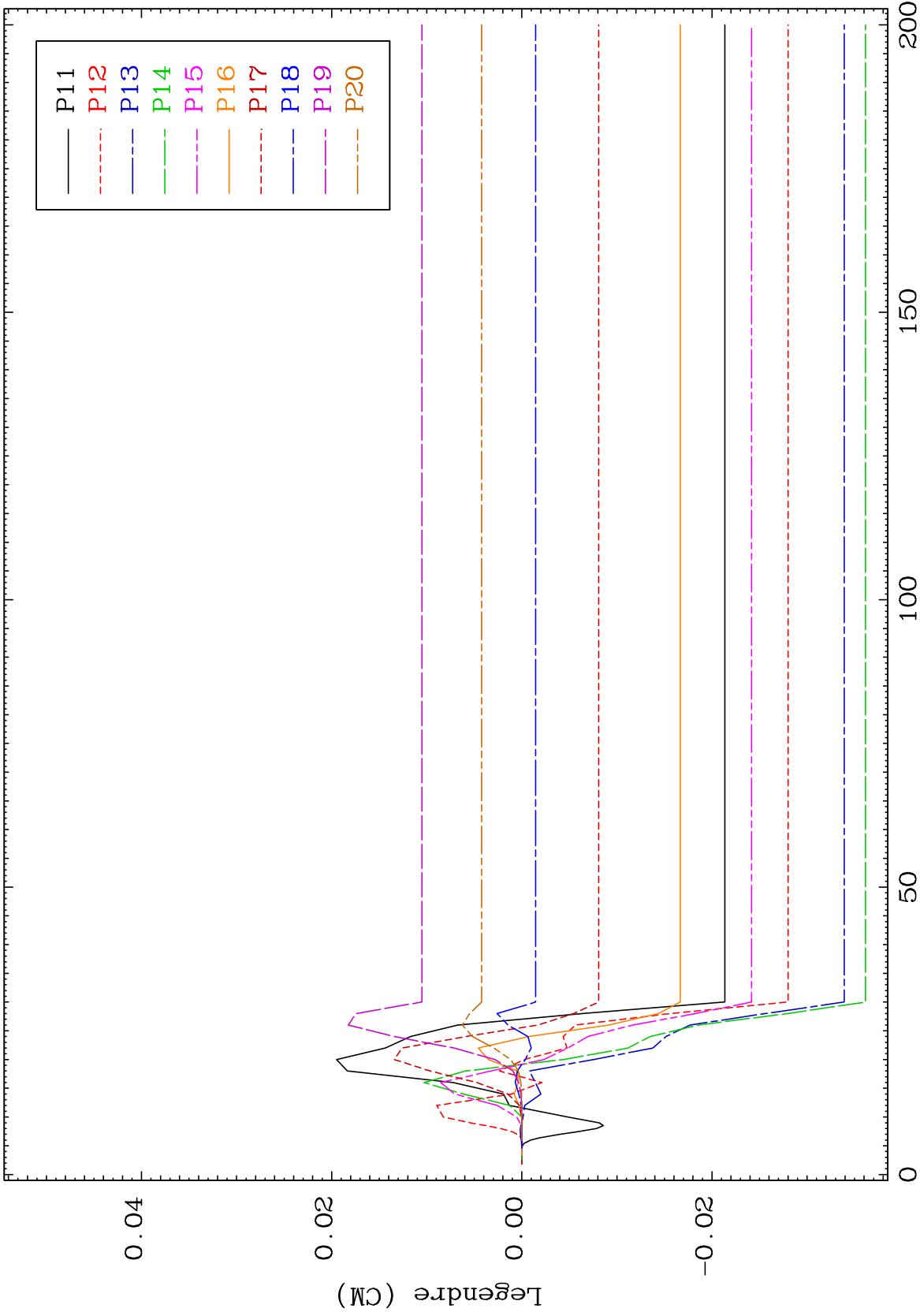
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



66

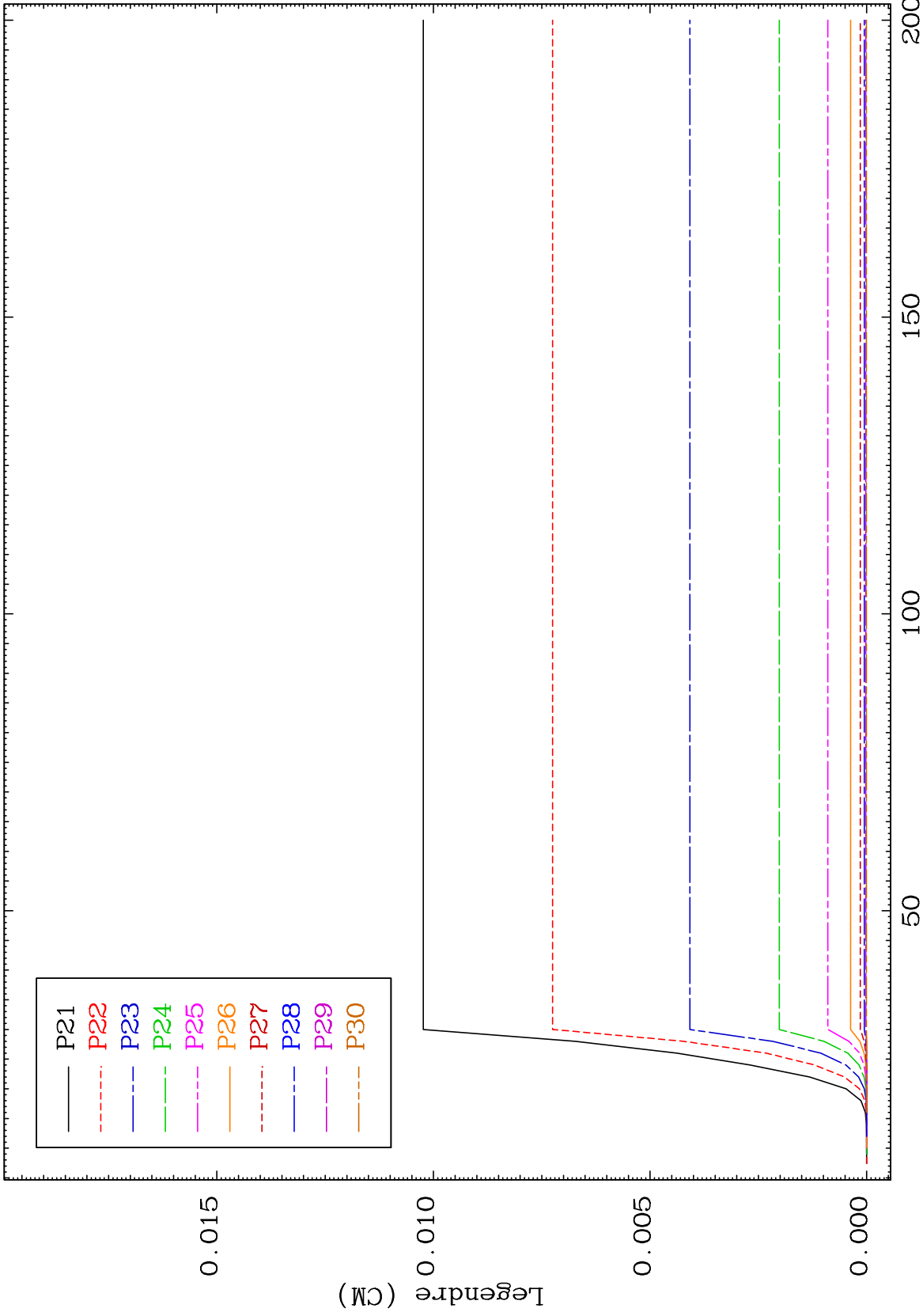
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



67

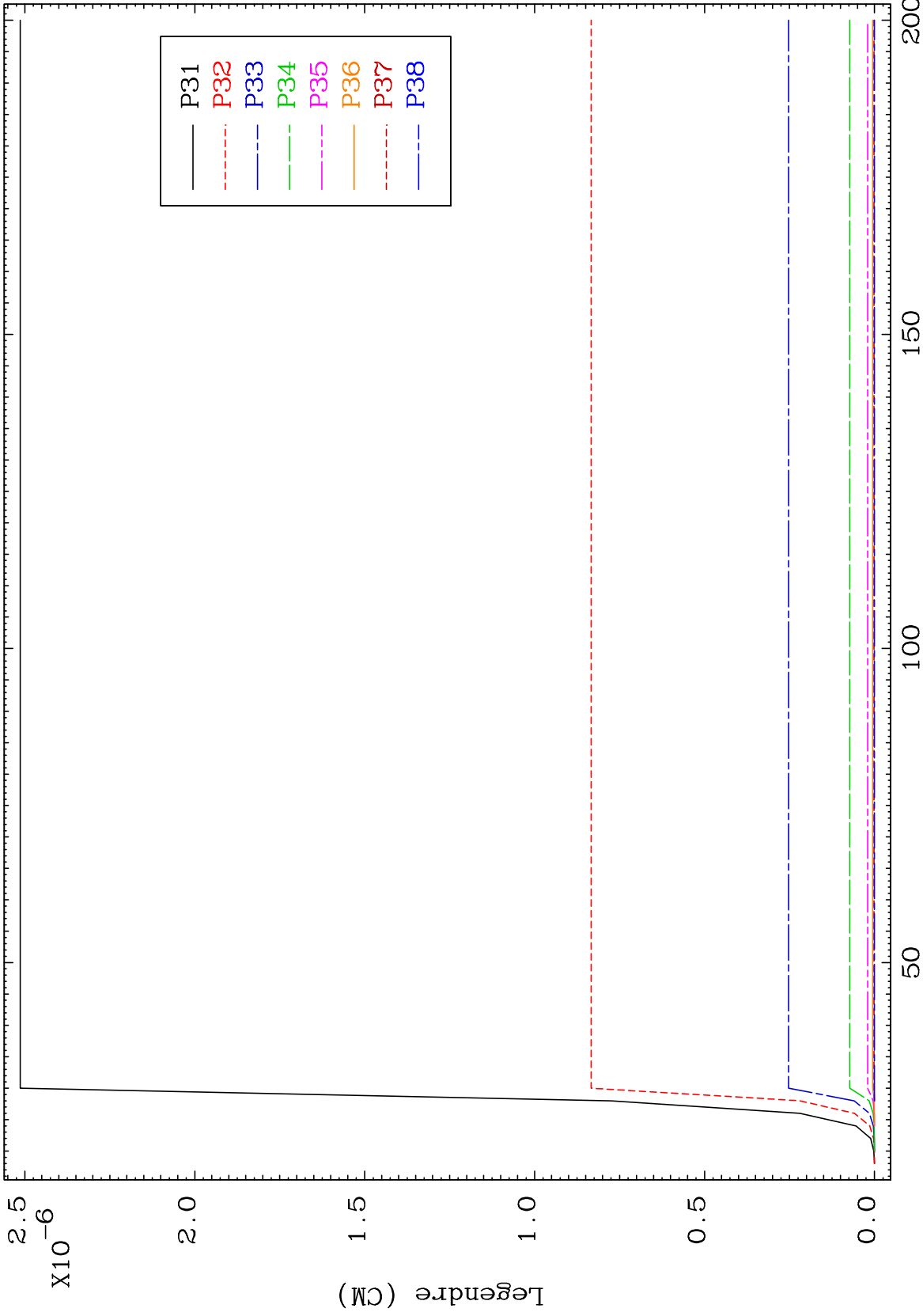
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



68

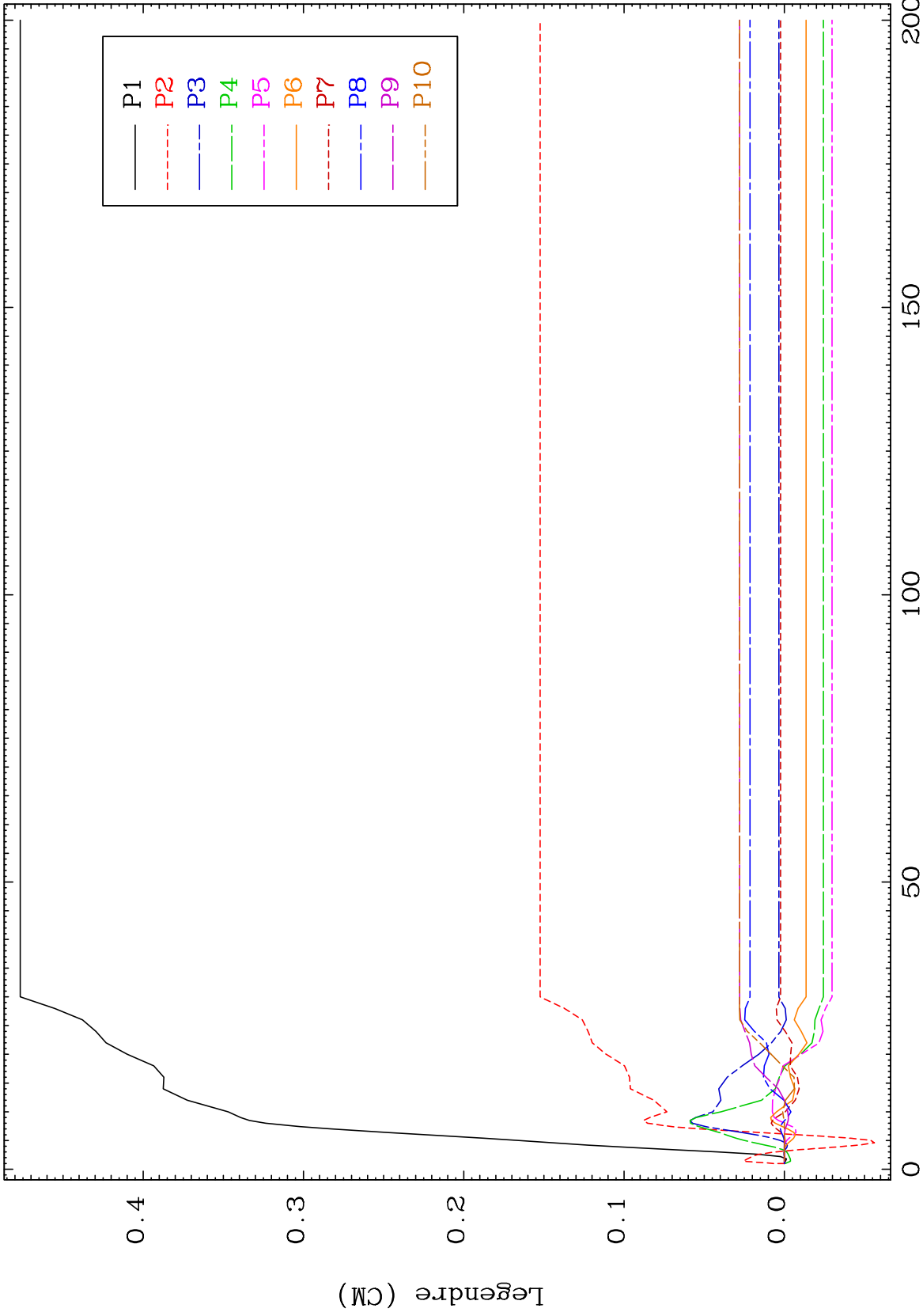
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

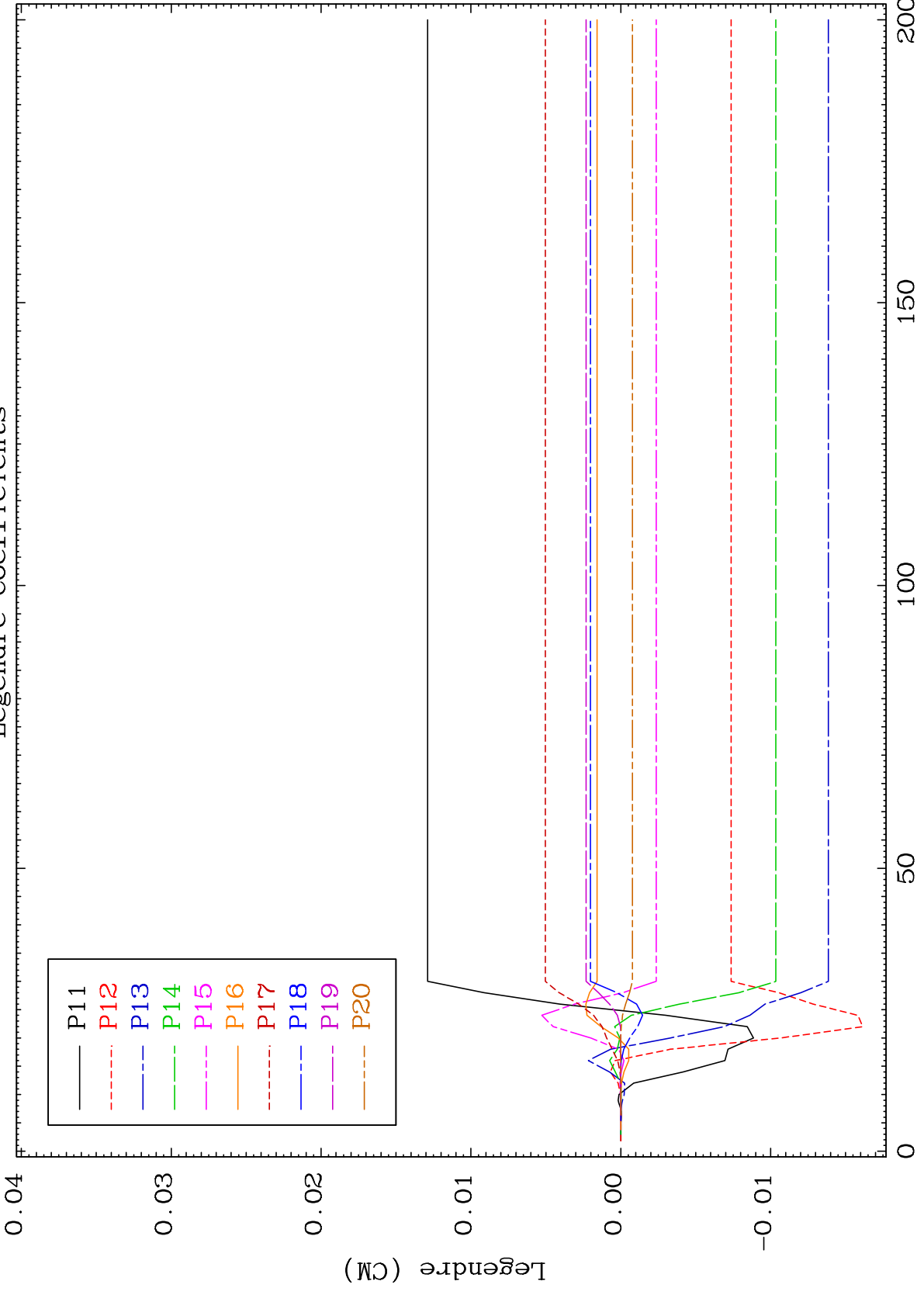


69

Incident Energy (MeV)

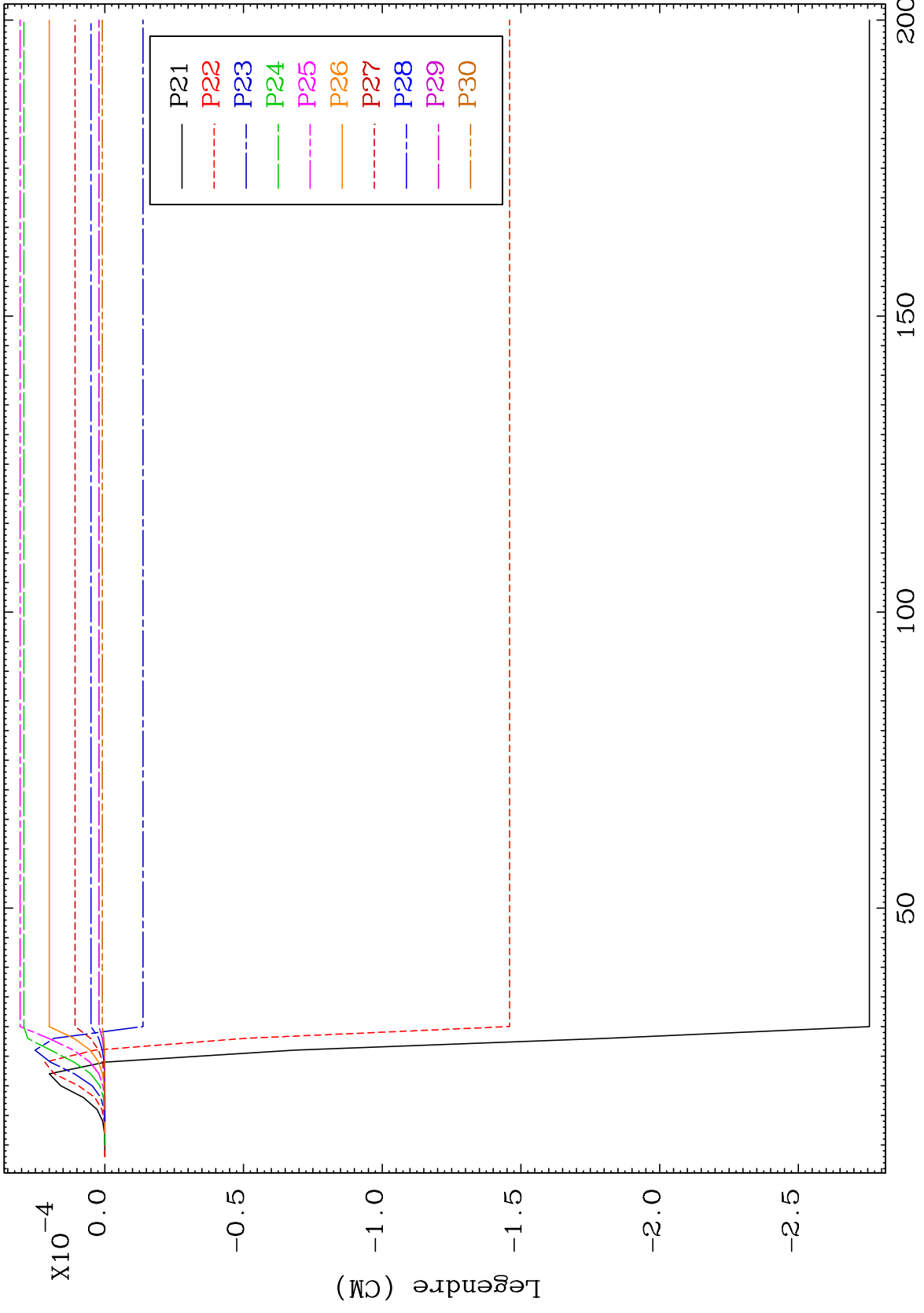
79-Au-200

MAT 7934 MT= 65 (n,n') Level Legendre Coefficients 79-Au-200



70 79-Au-200

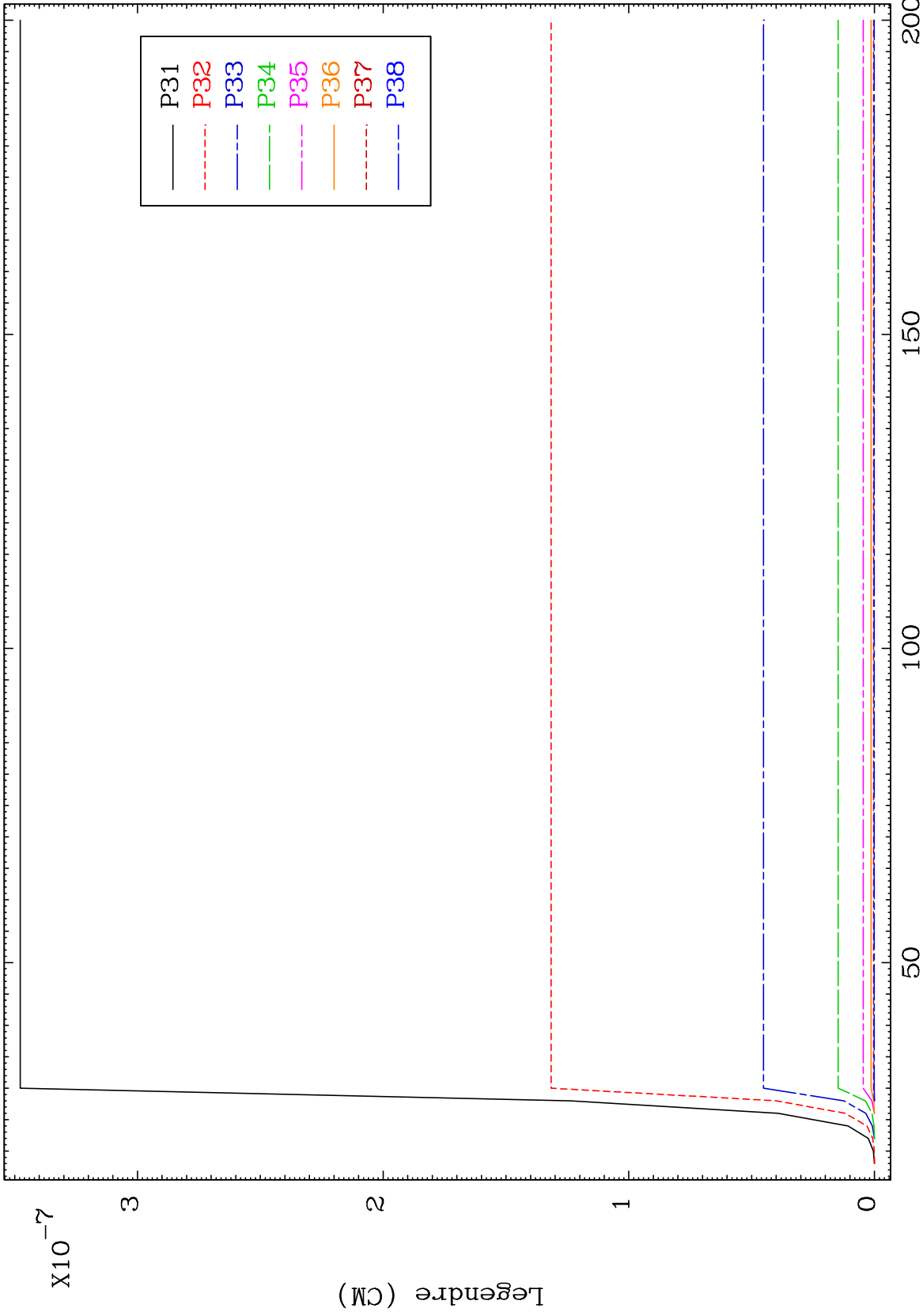
MAT 7934 MT= 65 (n, n') Level Legendre Coefficients 79-Au-200



MAT 7934

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

79-Au-200



72

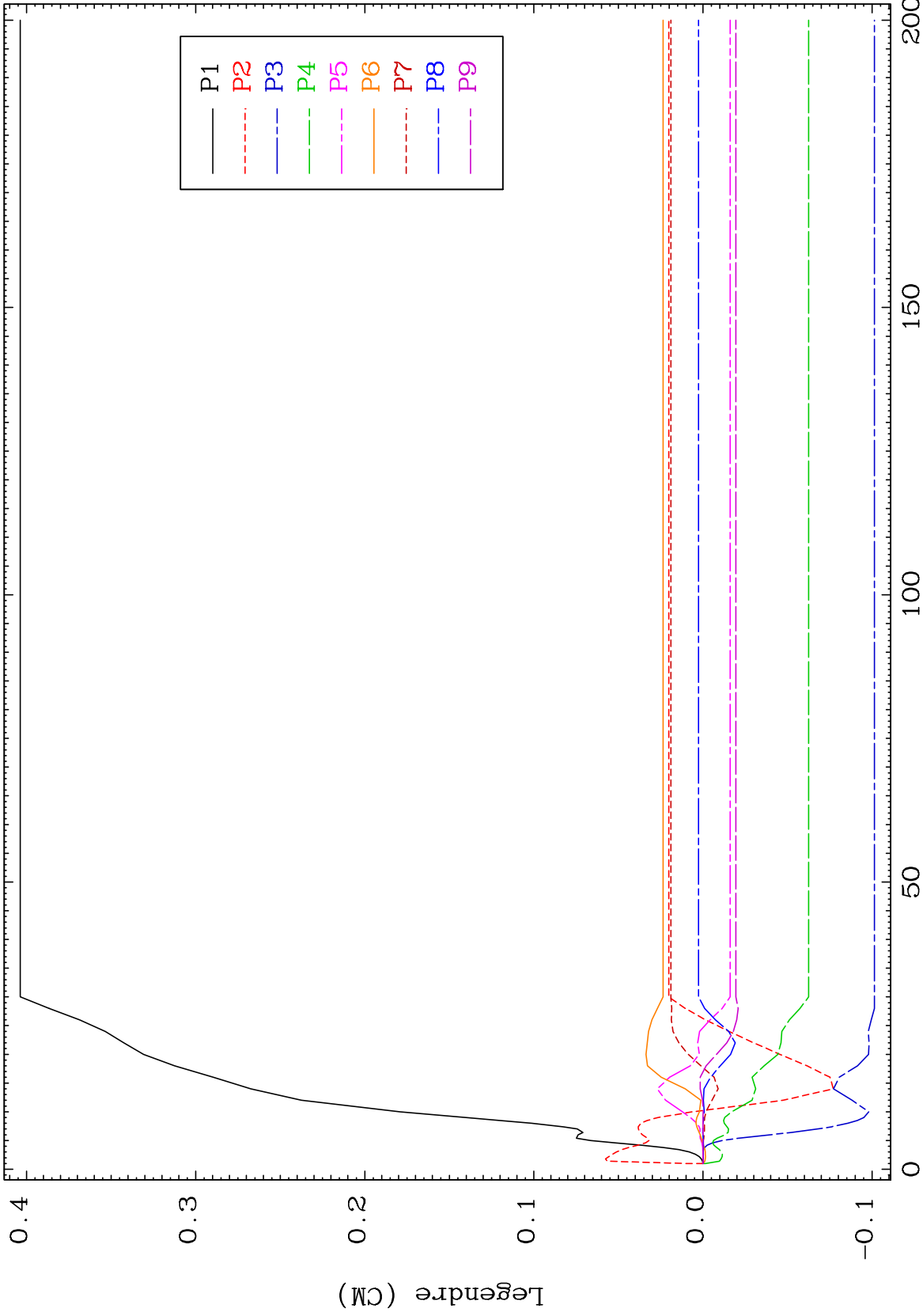
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



73

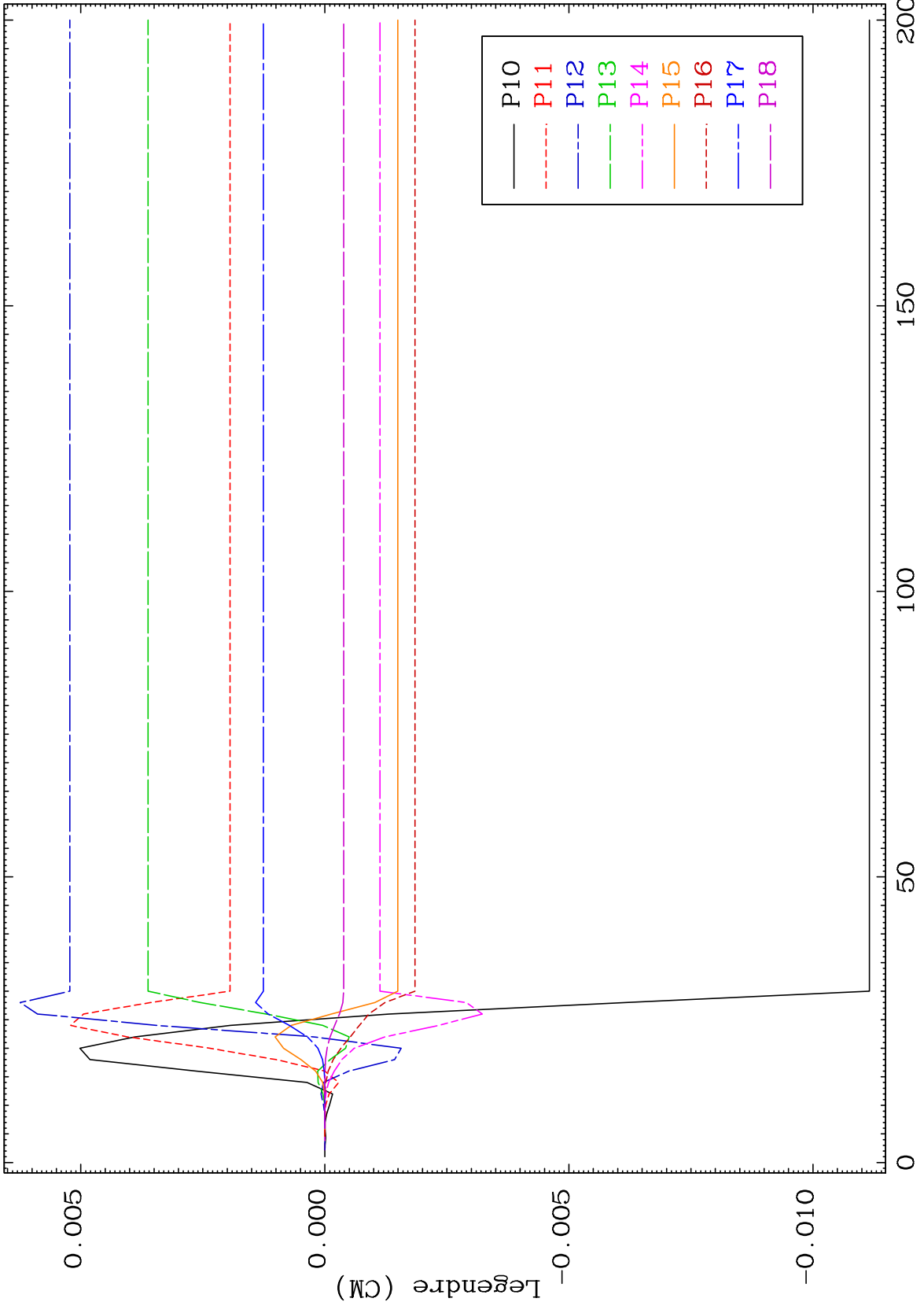
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



74

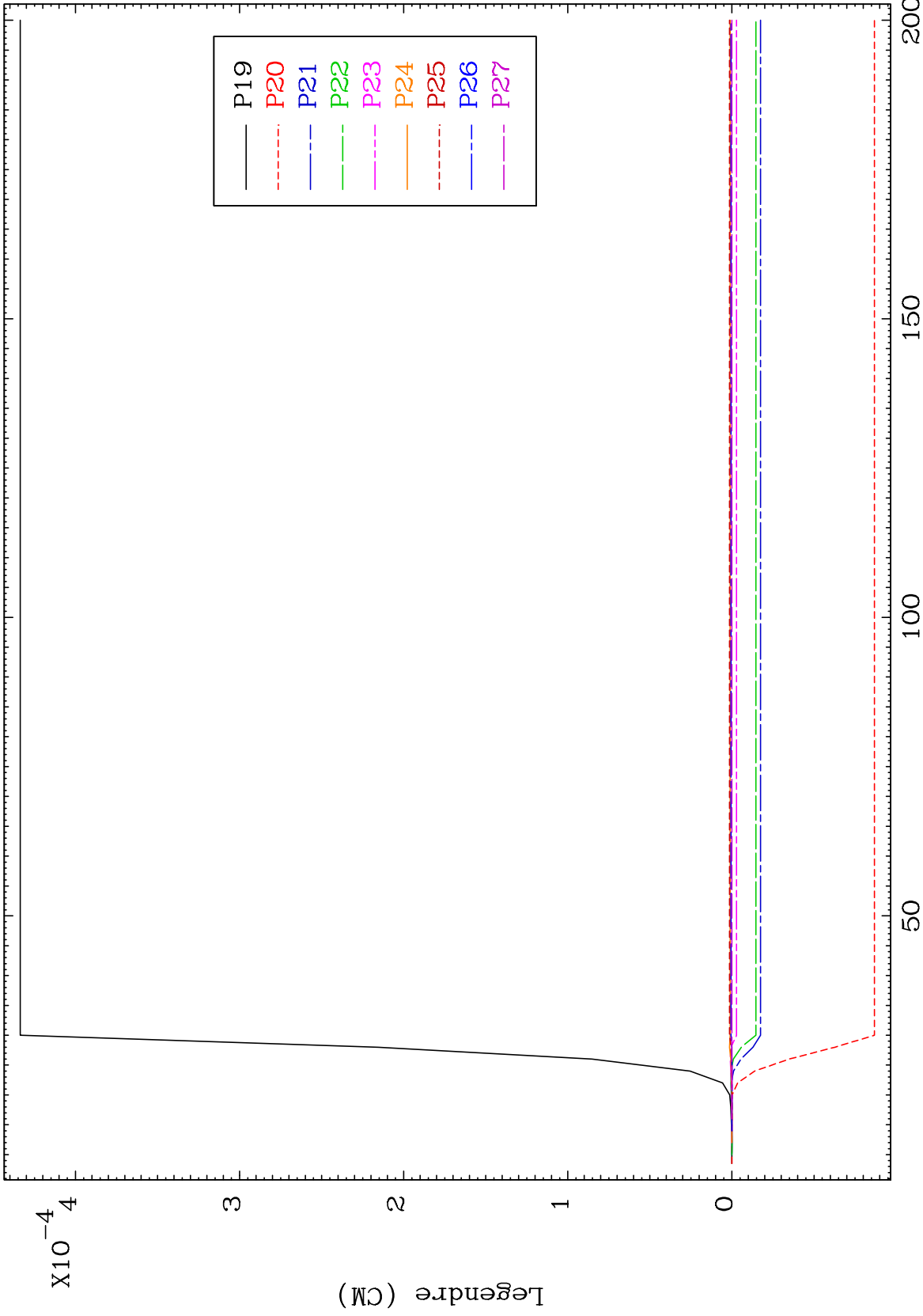
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



75

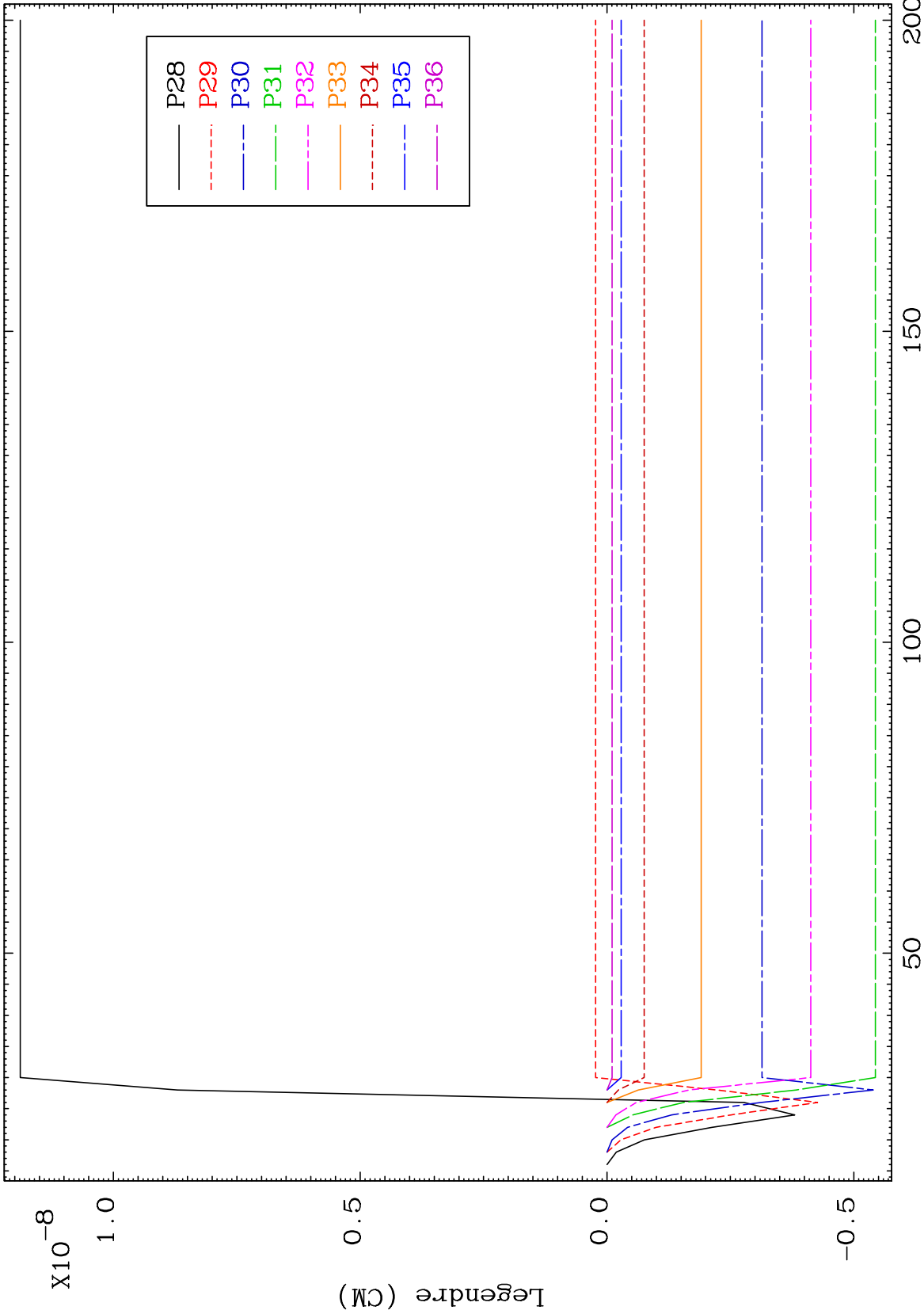
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



76

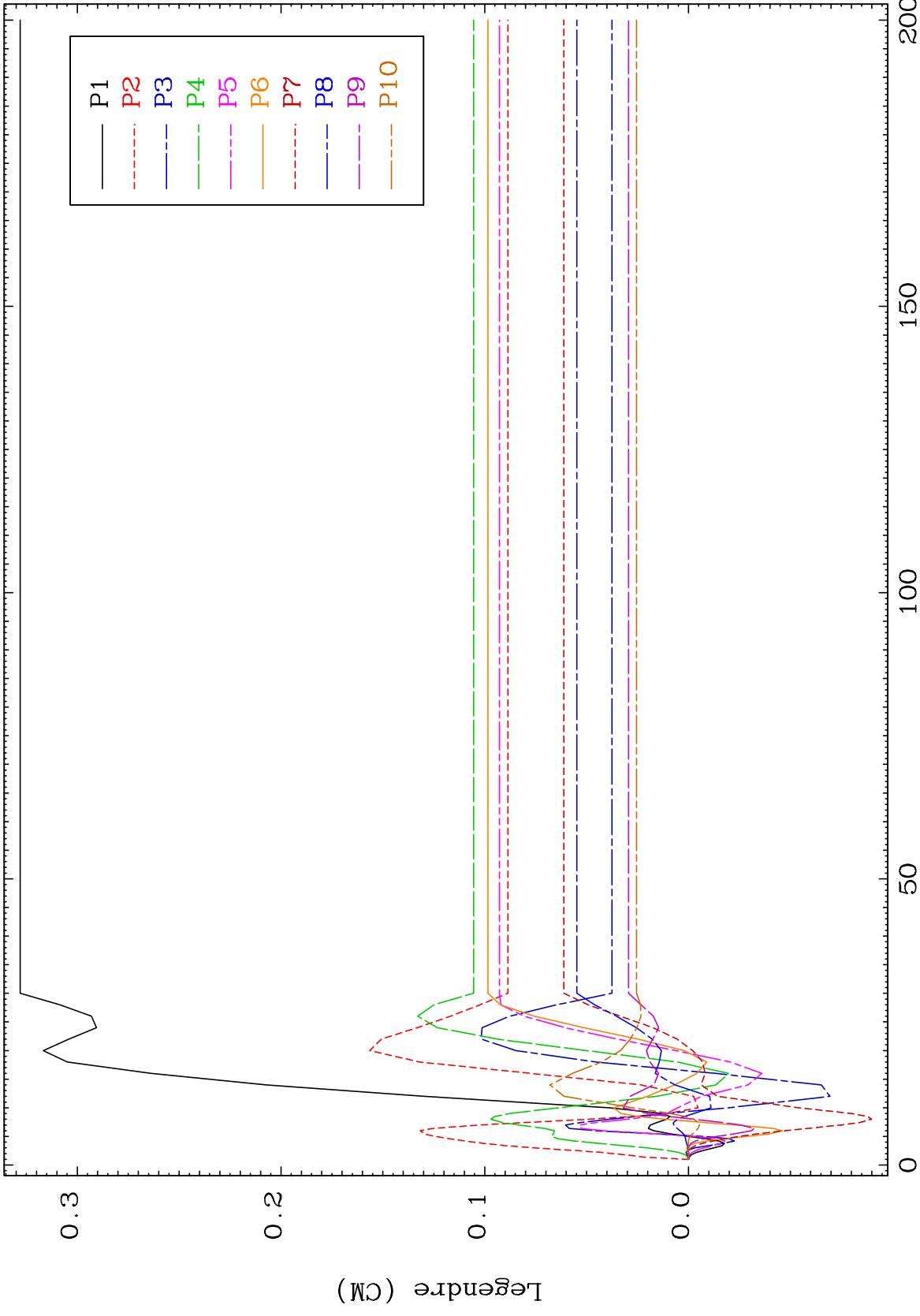
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



77

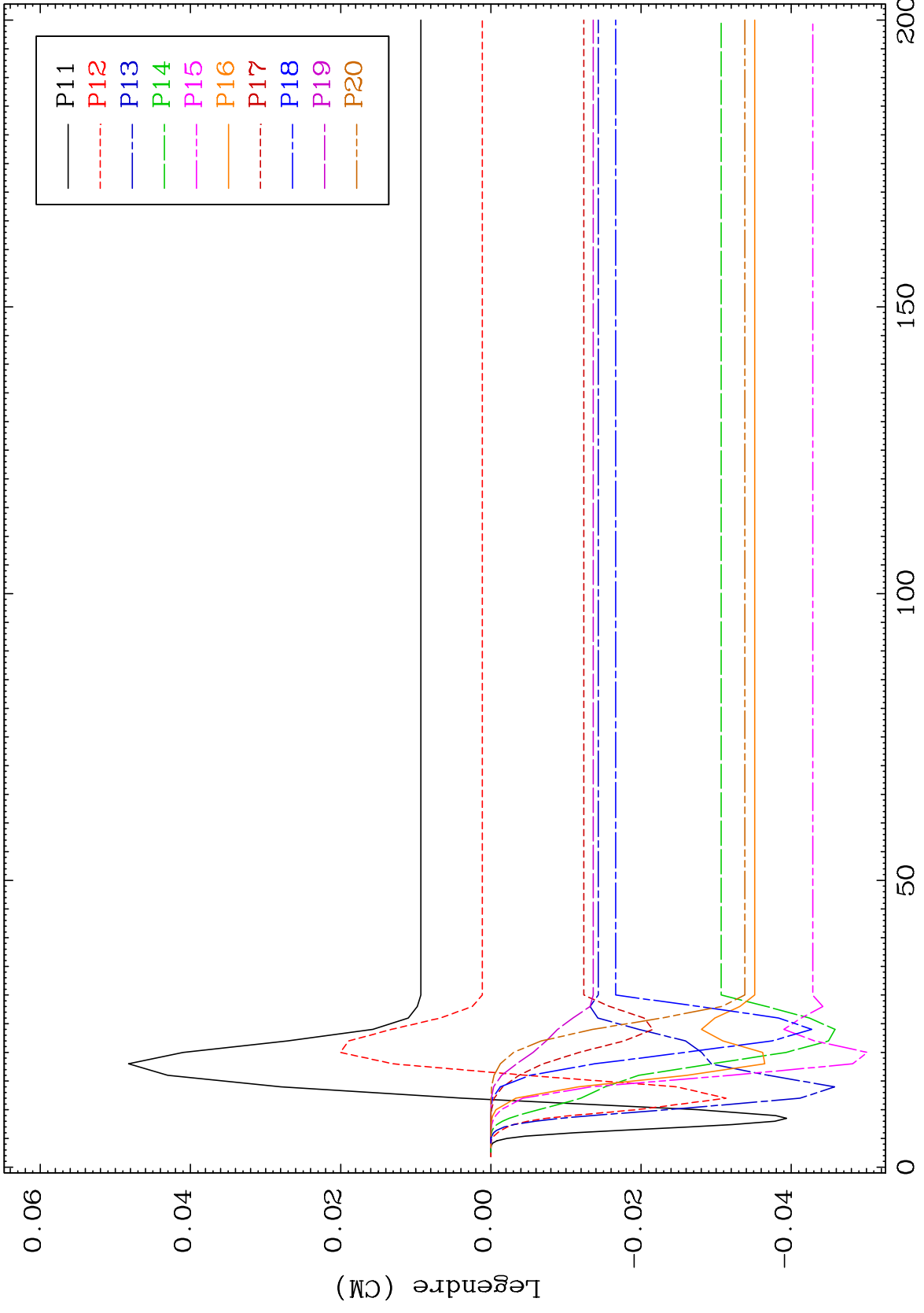
Incident Energy (MeV)

79-Au-200

MAT 7934

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

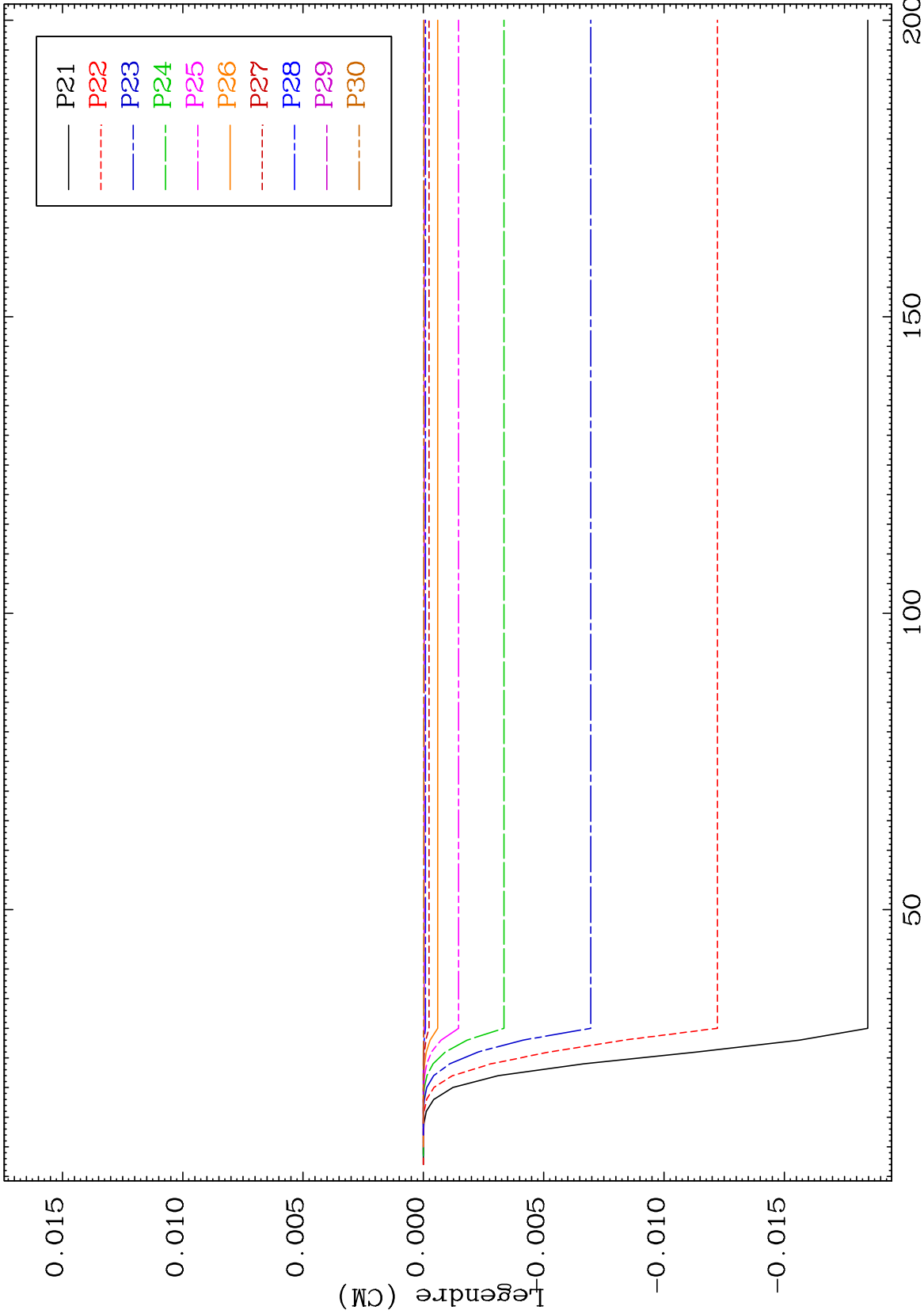
79-Au-200



MAT 7934

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

79-Au-200



79

Incident Energy (MeV)

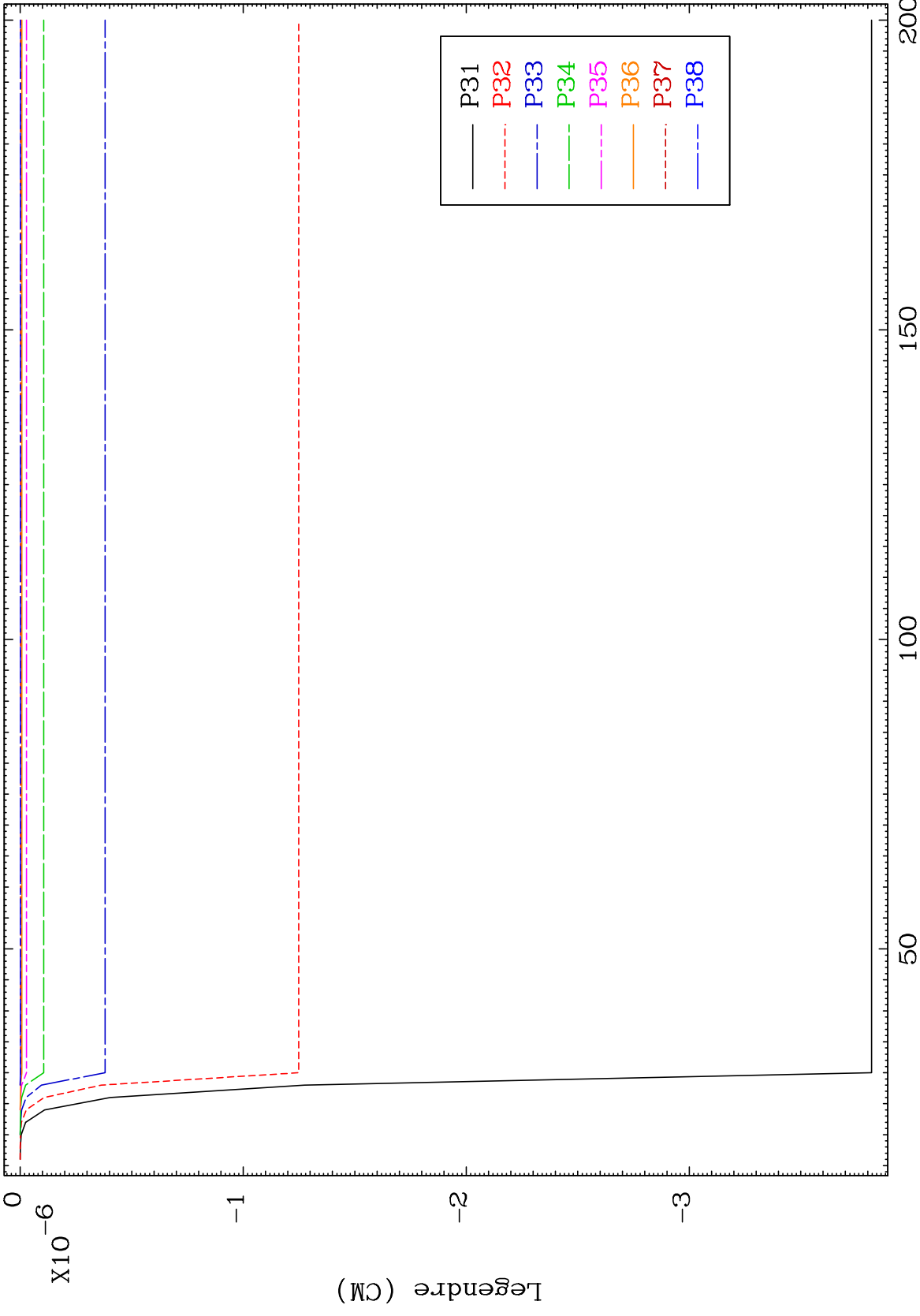
79-Au-200

MAT 7934

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

79-Au-200

Incident Energy (MeV)

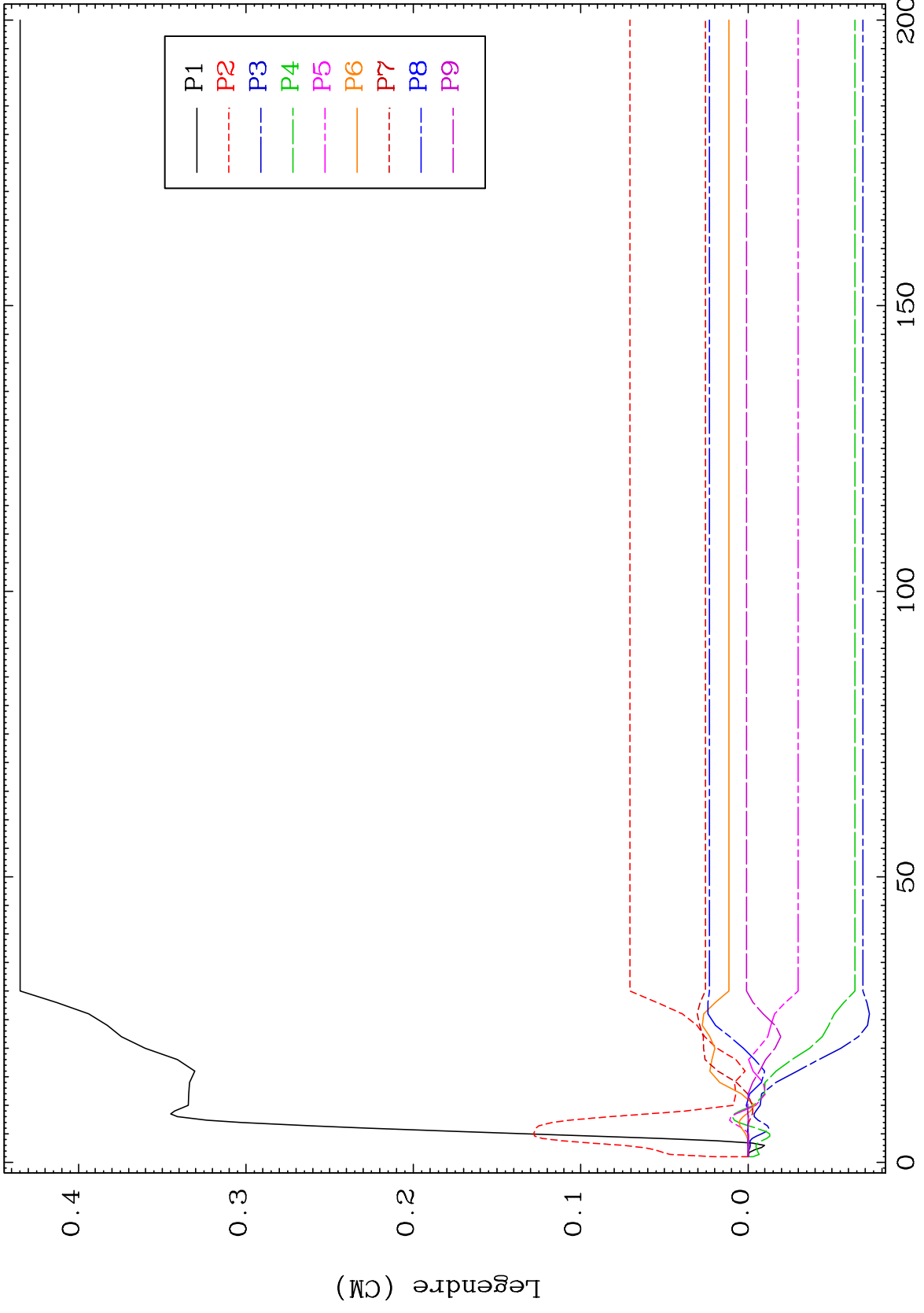


80

MAT 7934

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

79-Au-200



81

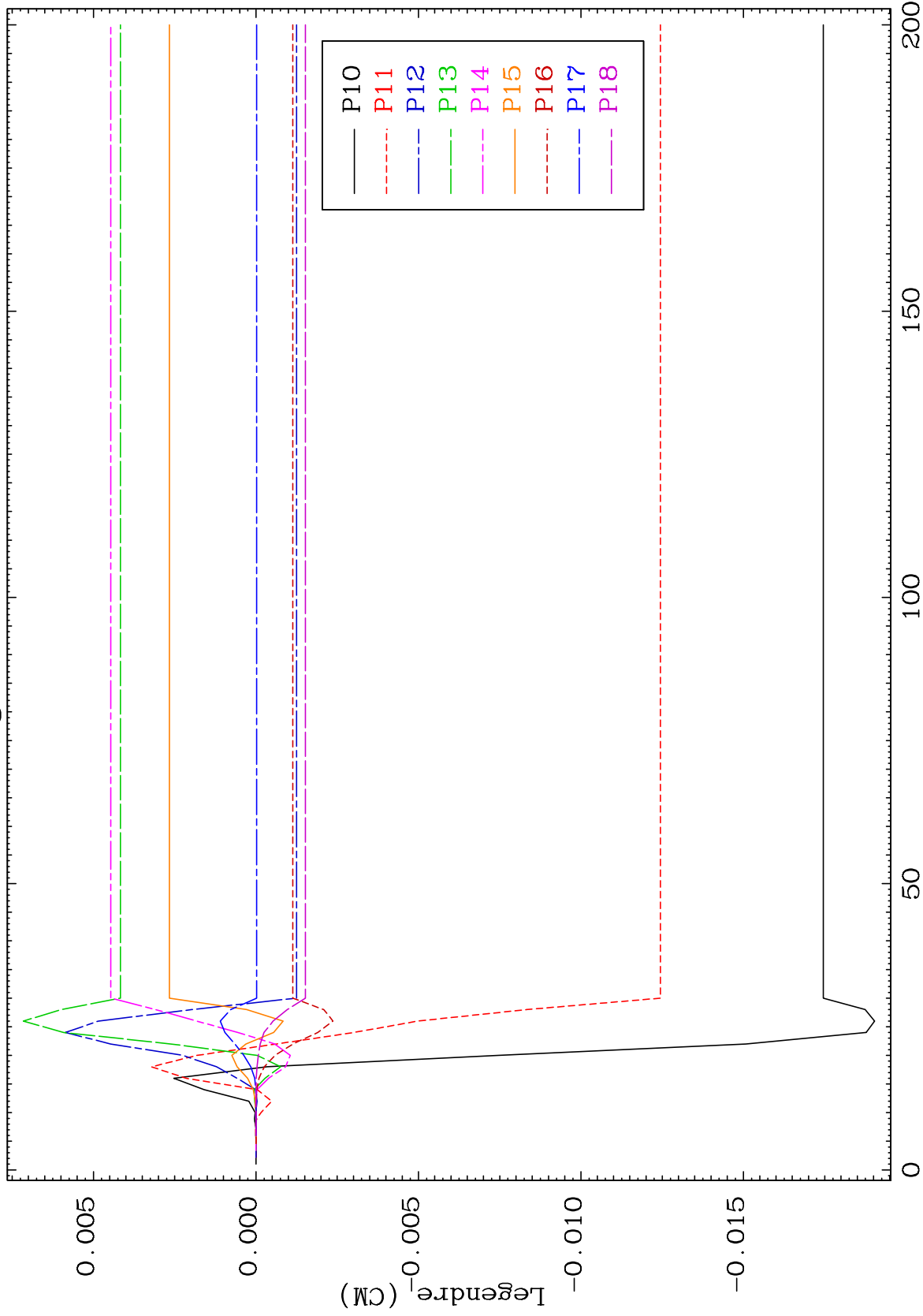
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



82

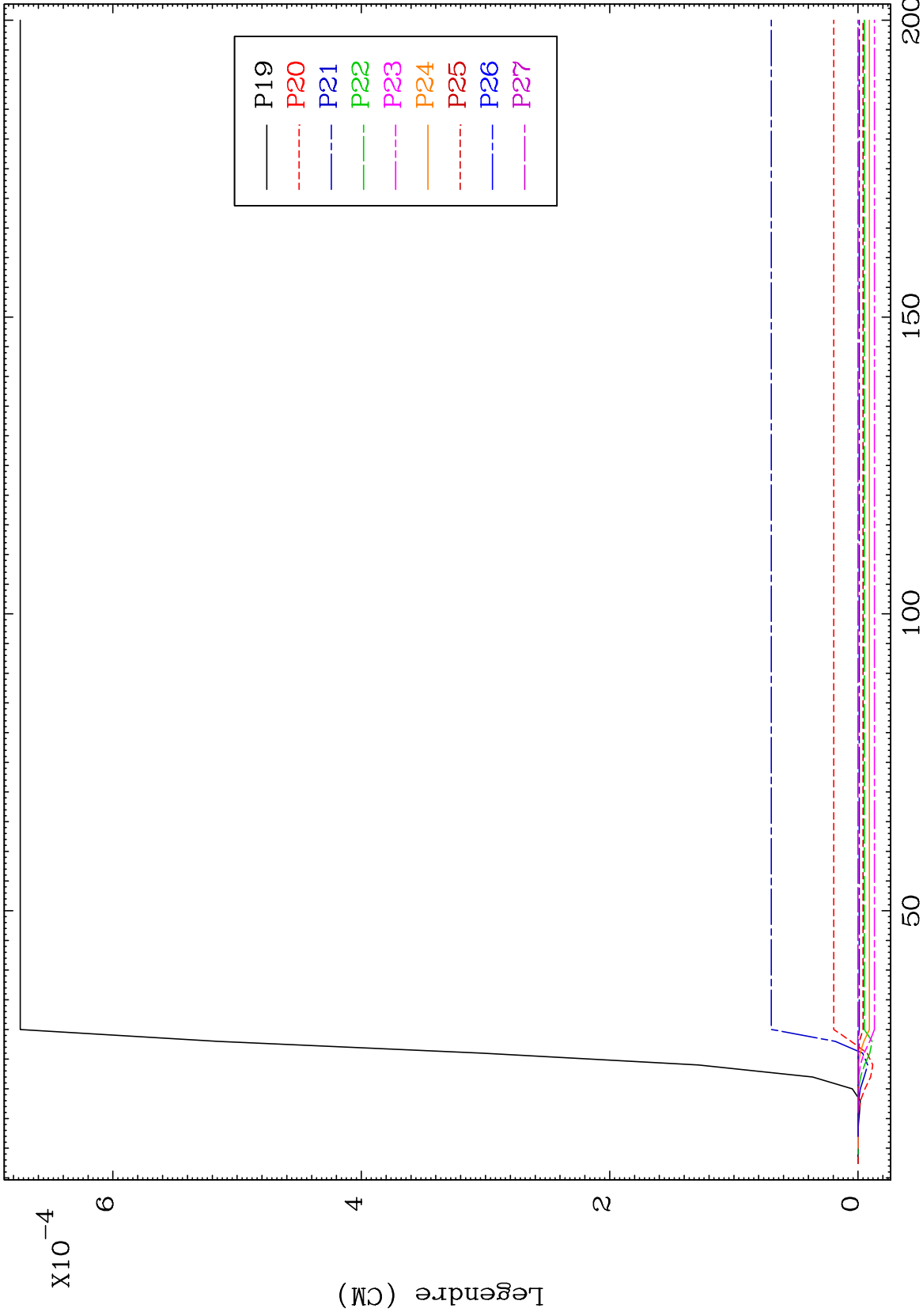
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



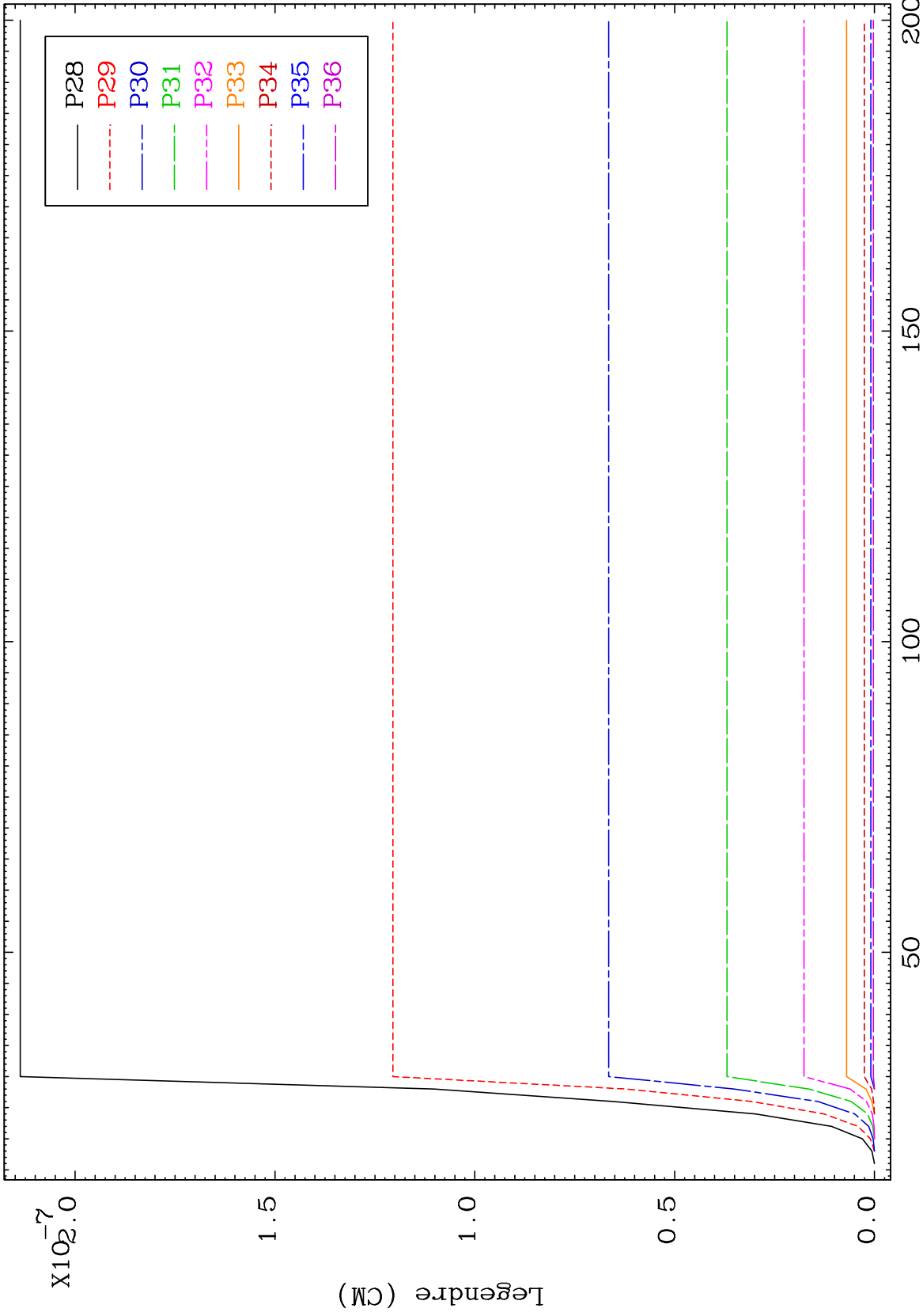
83

79-Au-200

MAT 7934

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

79-Au-200



84

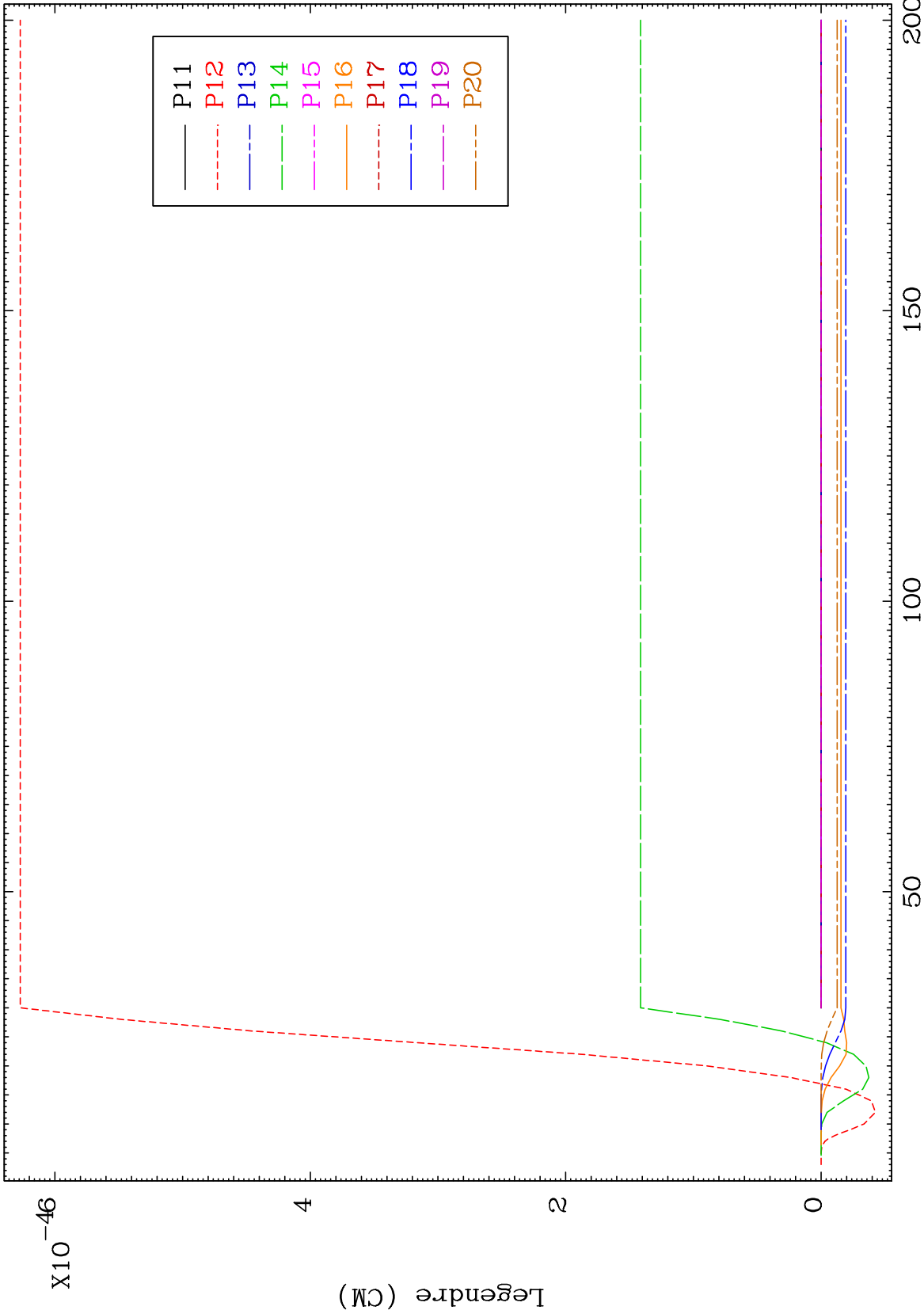
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



86

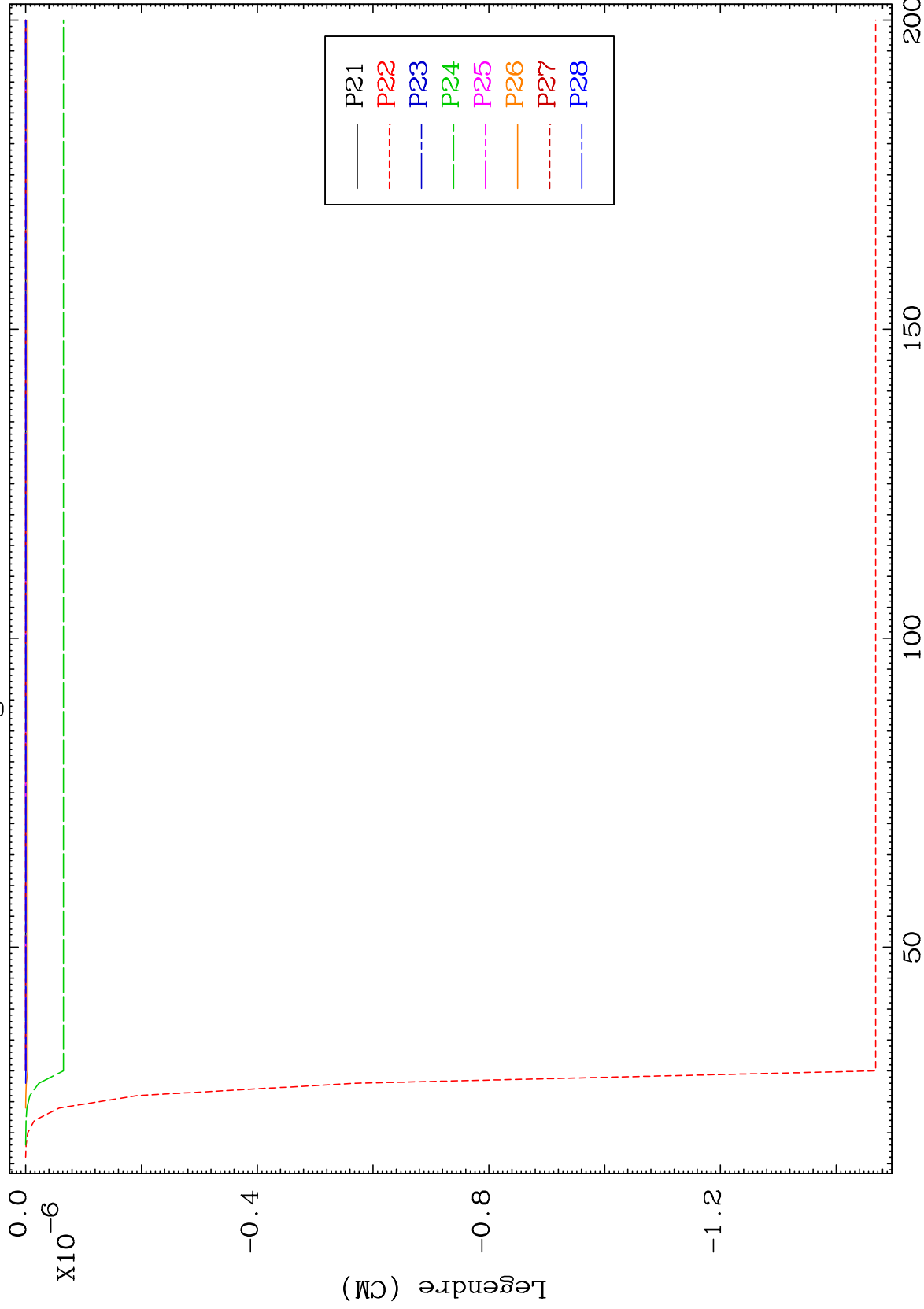
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



87

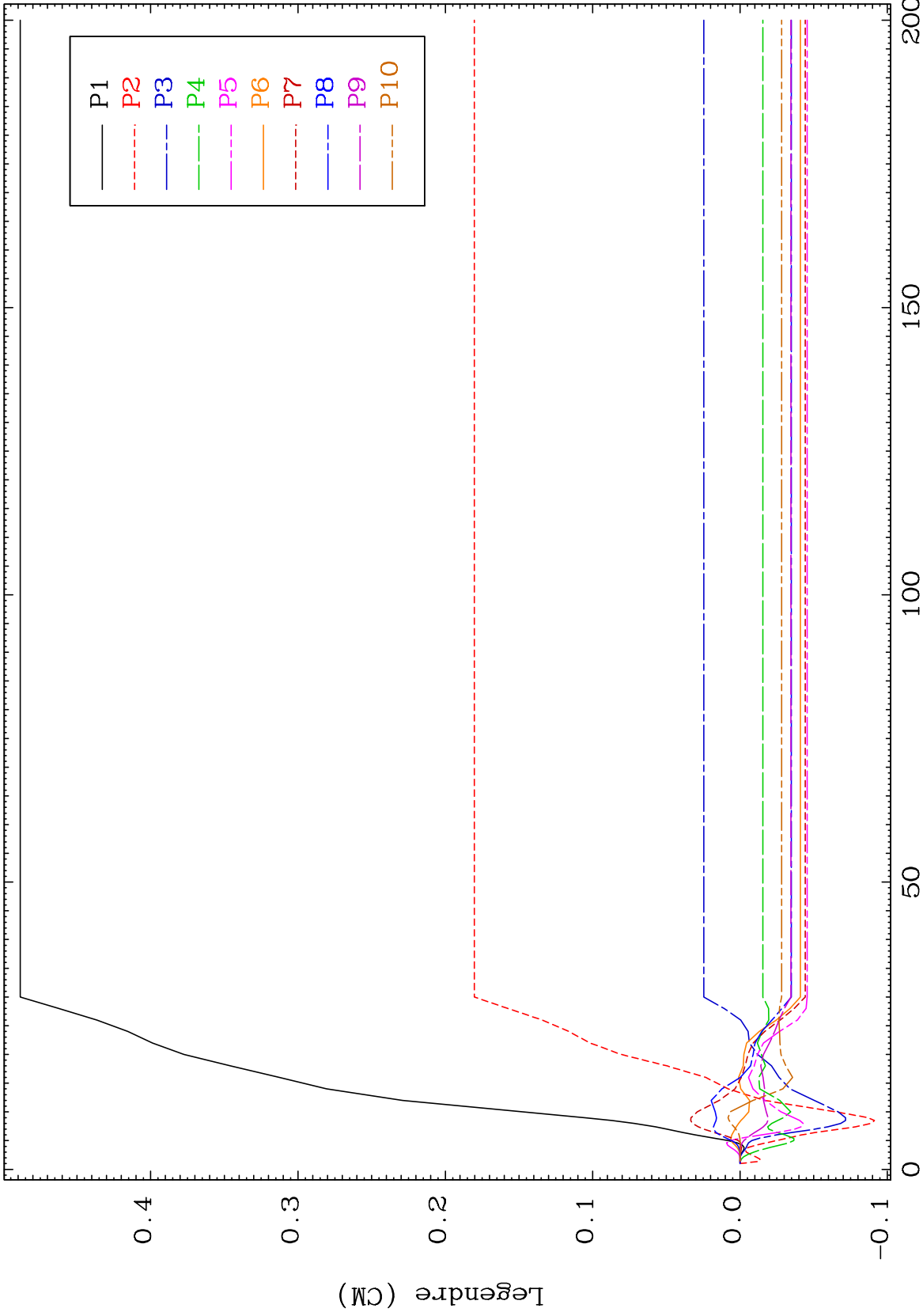
Incident Energy (MeV)

79-Au-200

MAT 7934

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

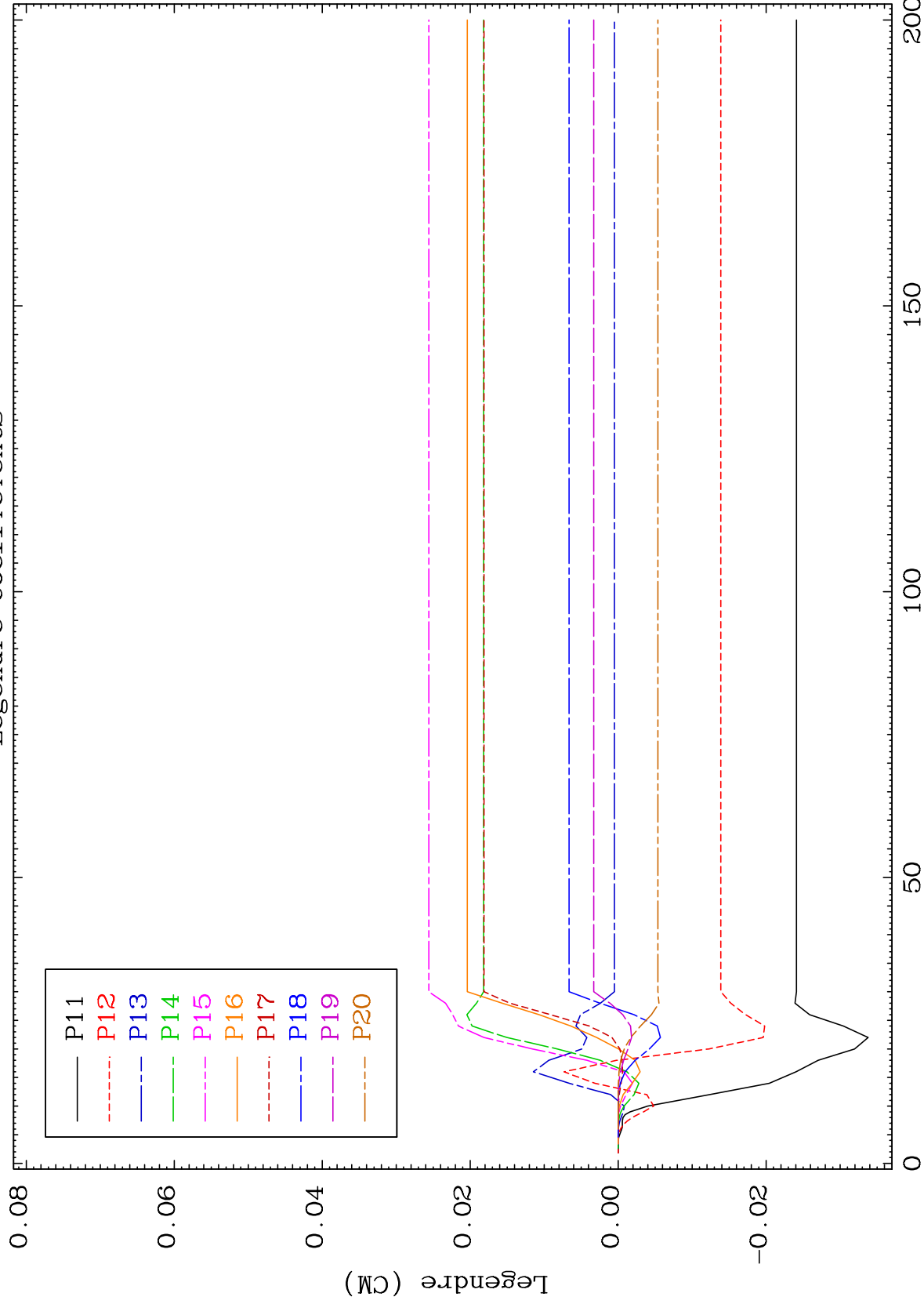
79-Au-200



MAT 7934

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

79-Au-200



89

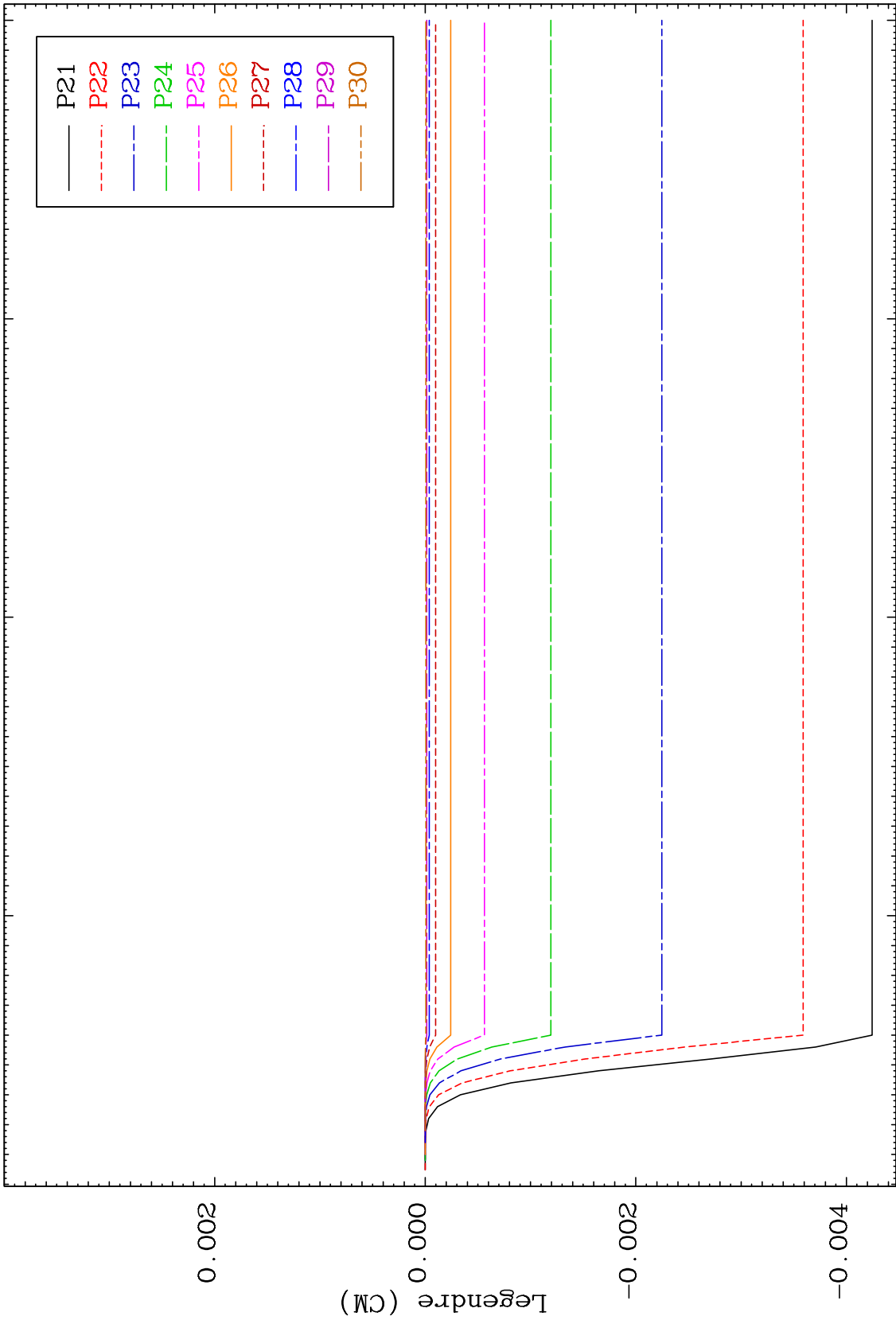
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



90

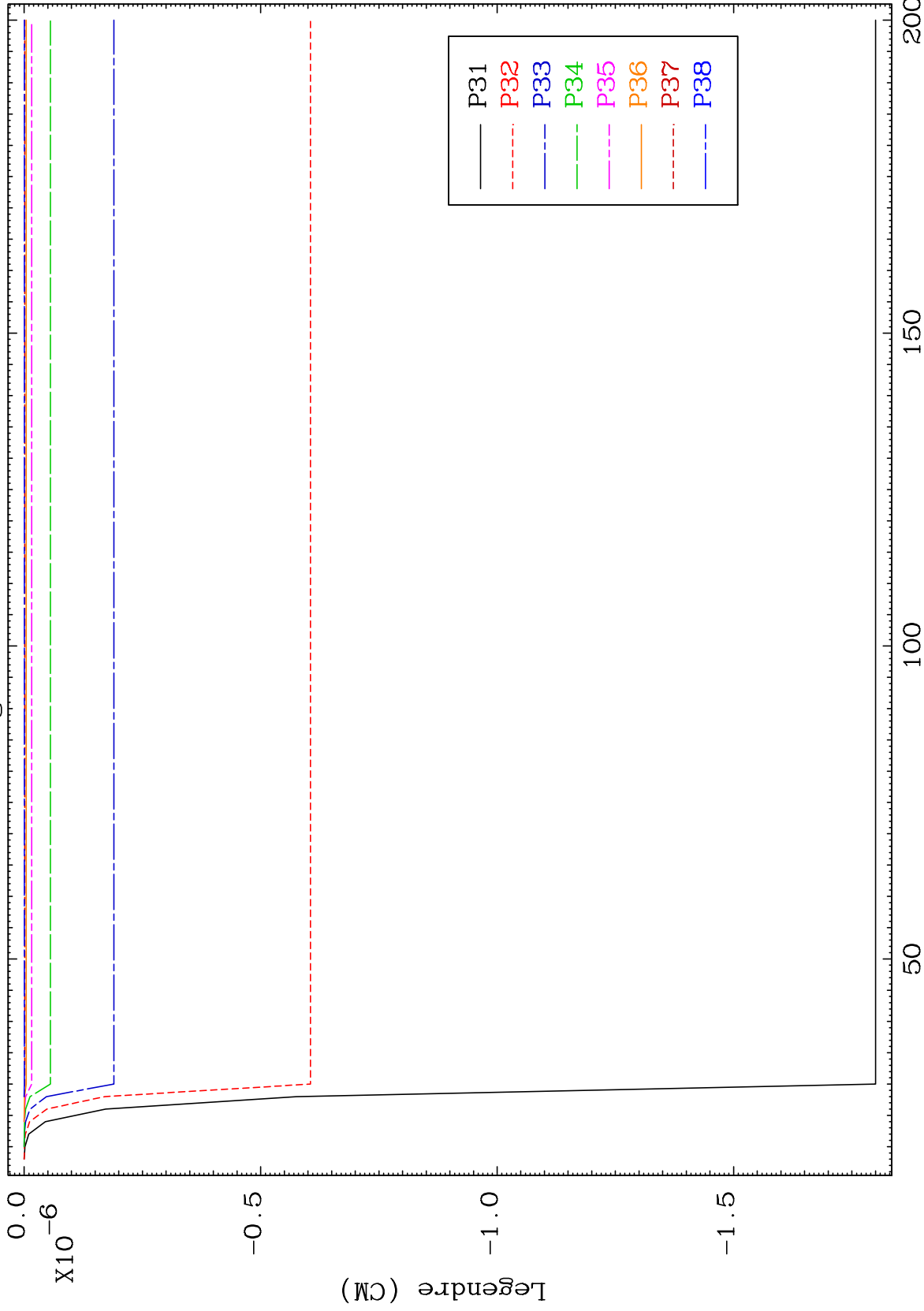
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



91

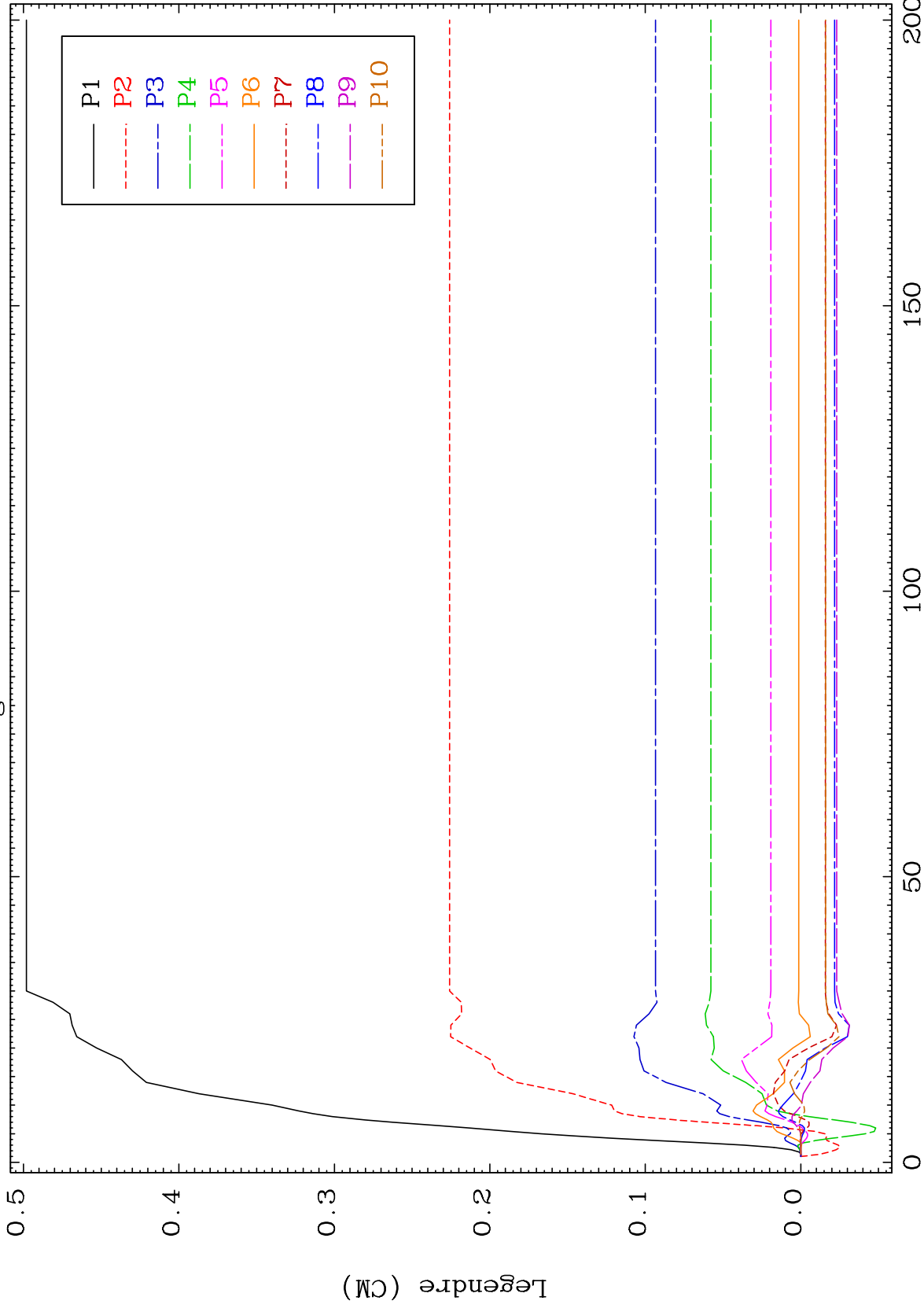
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



92

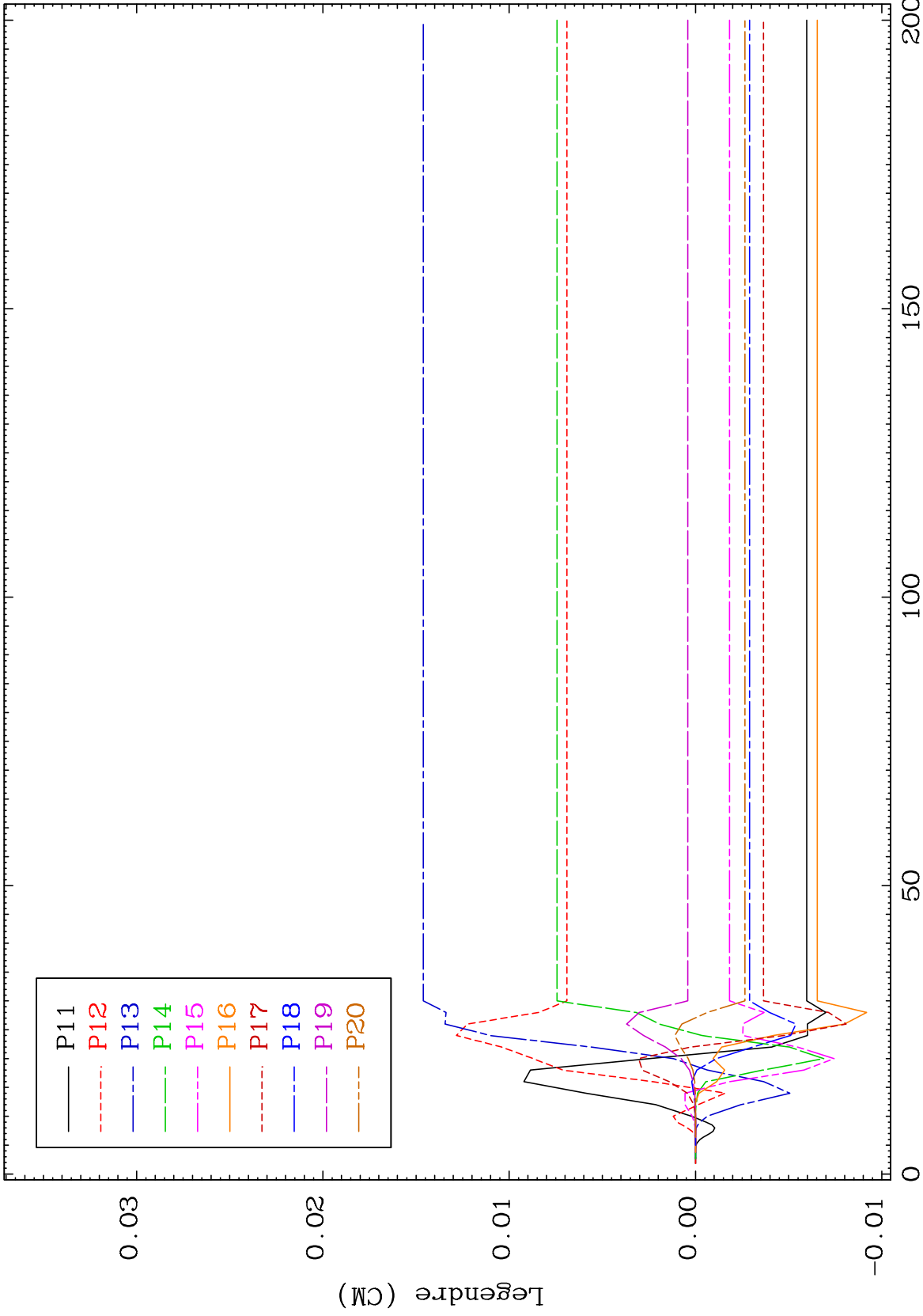
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

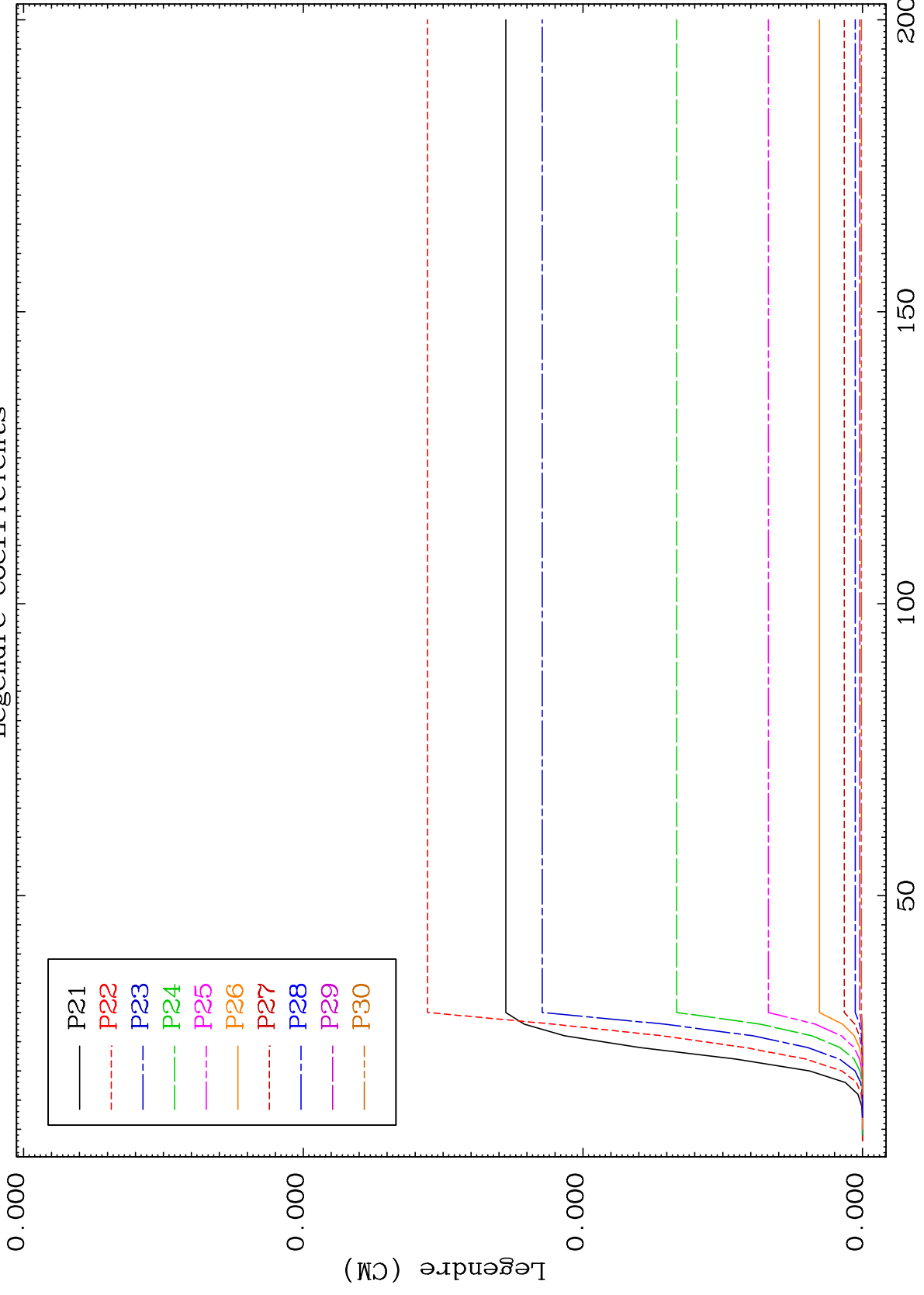


93

Incident Energy (MeV)

79-Au-200

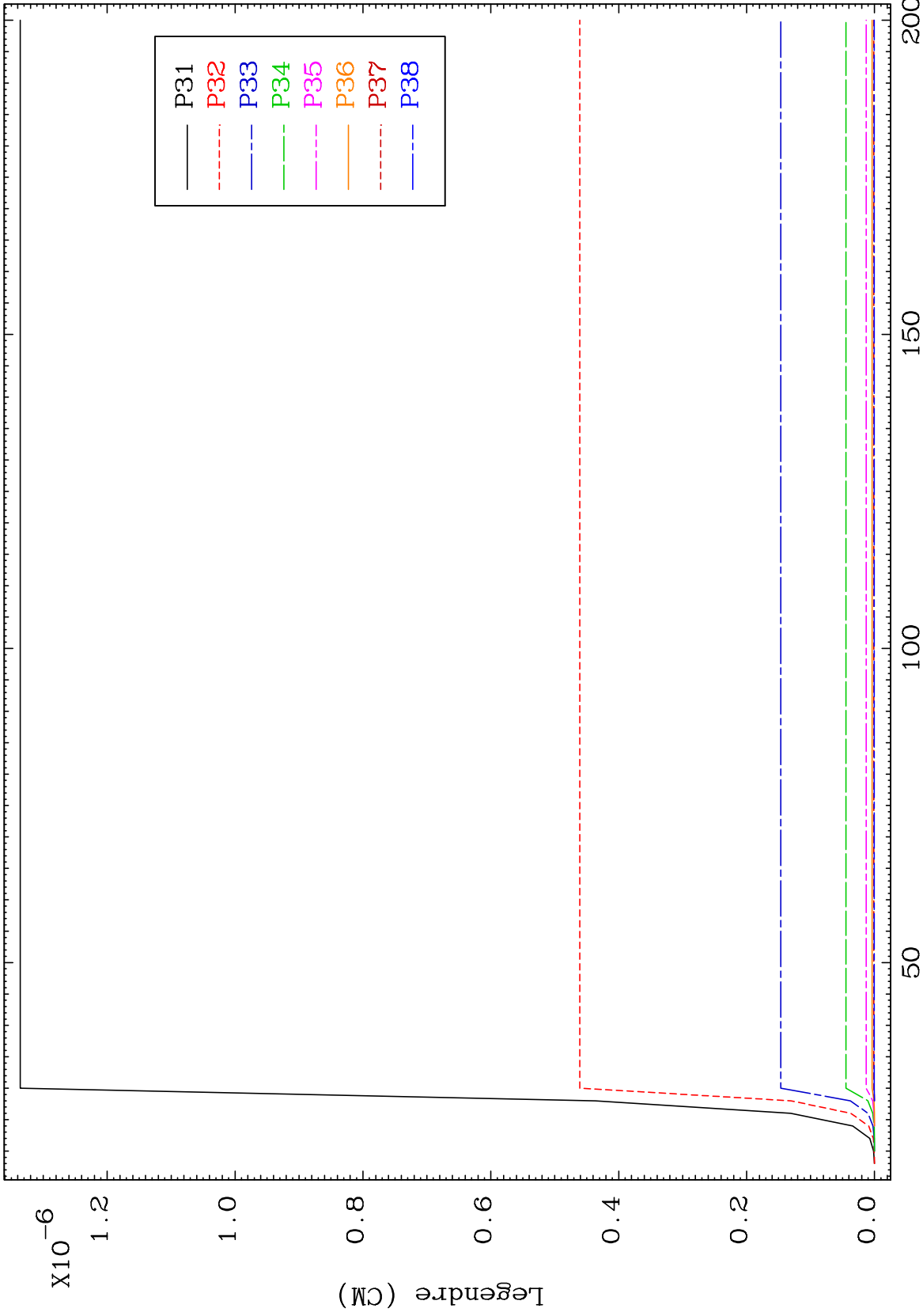
MAT 7934 MT= 71 (n,n') Level Legendre Coefficients 79-Au-200



MAT 7934

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

79-Au-200



95

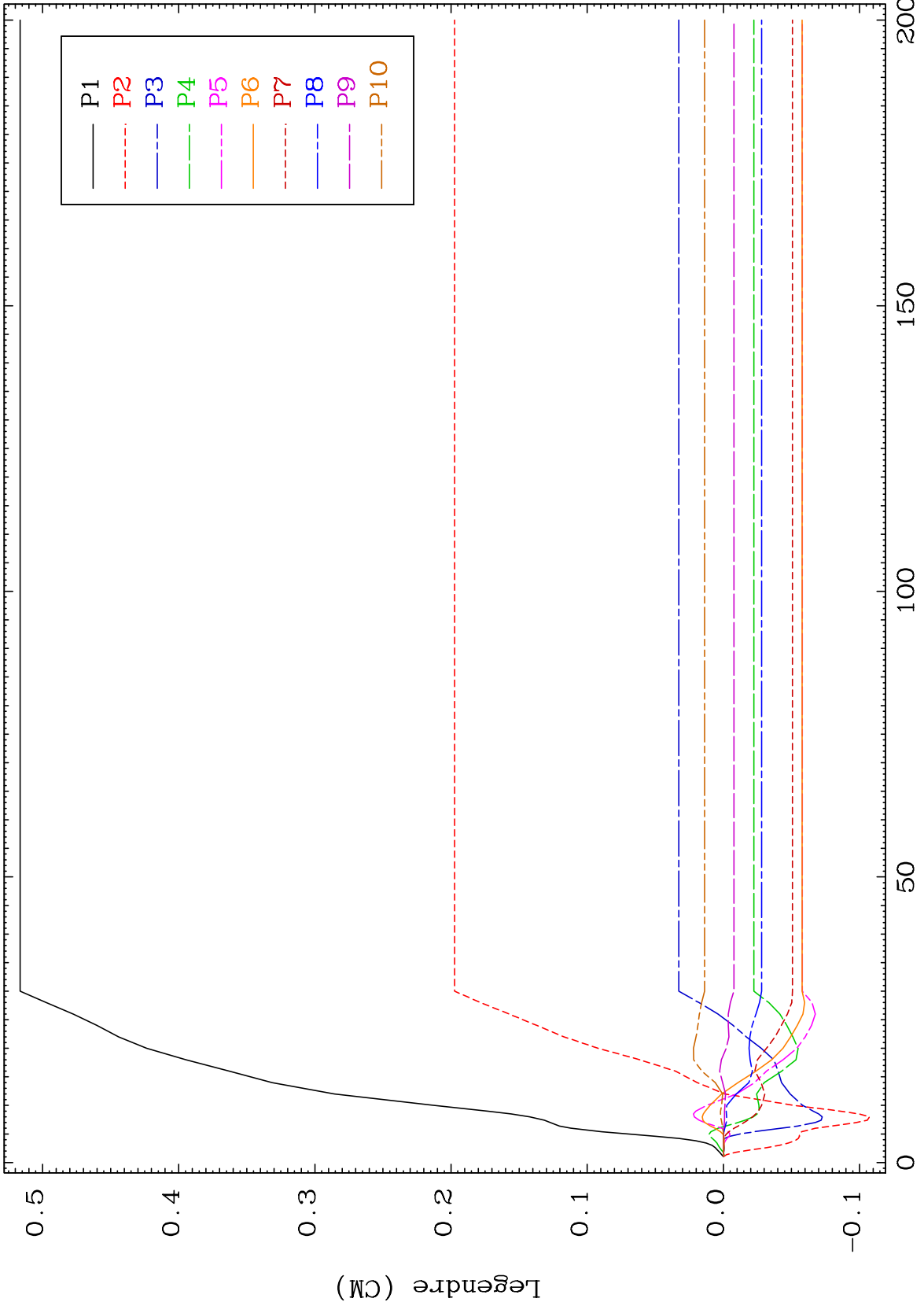
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



96

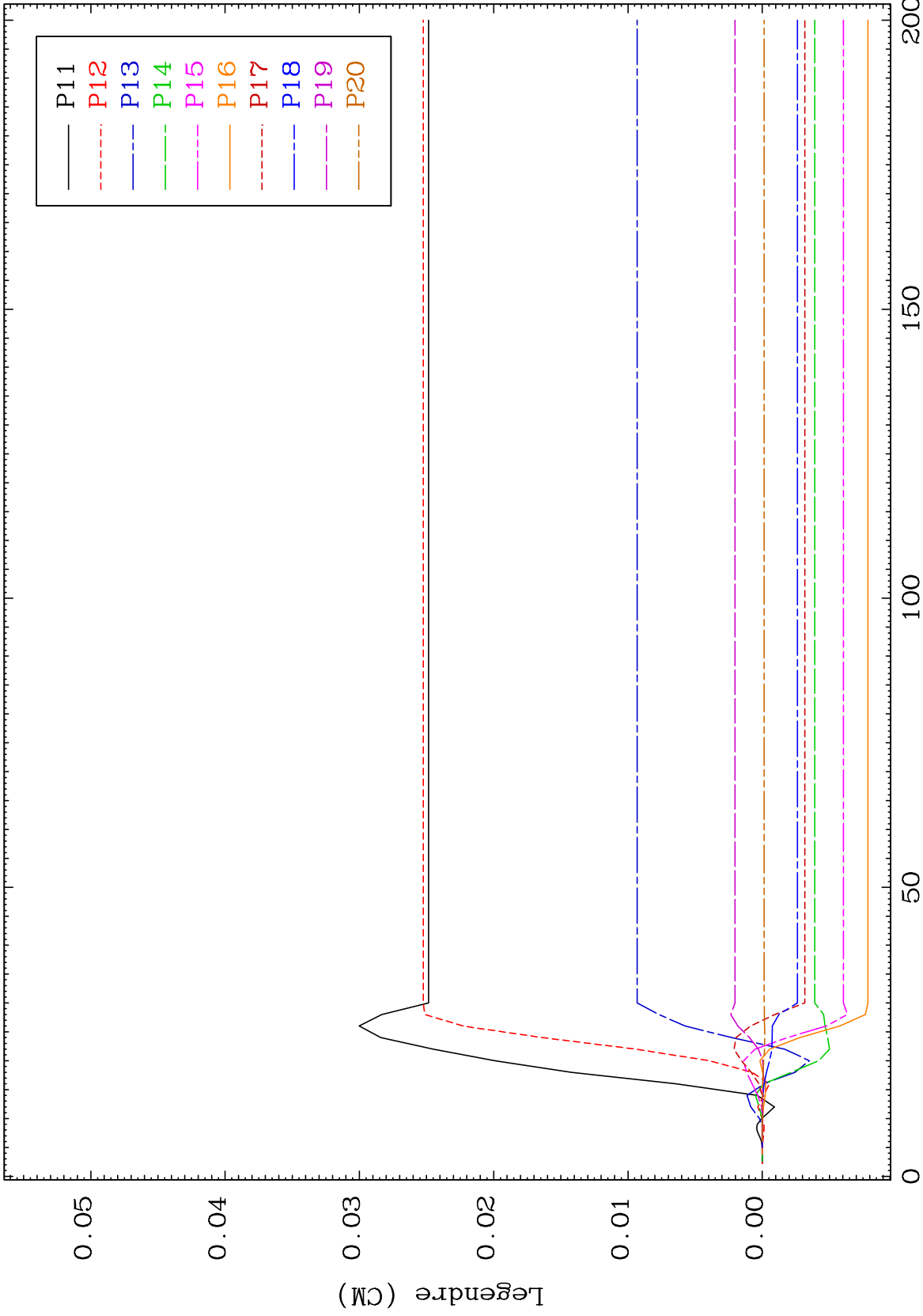
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



97

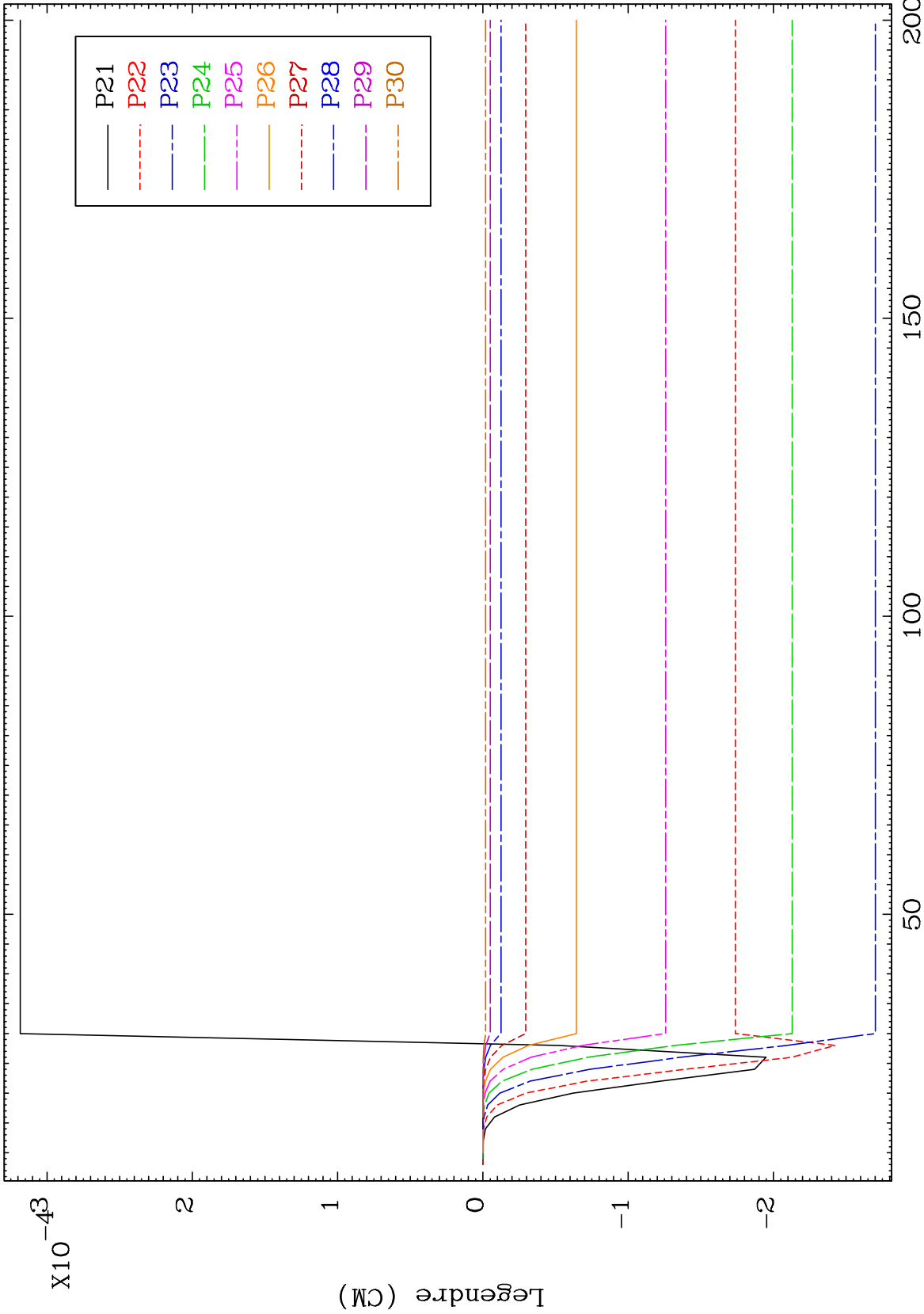
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



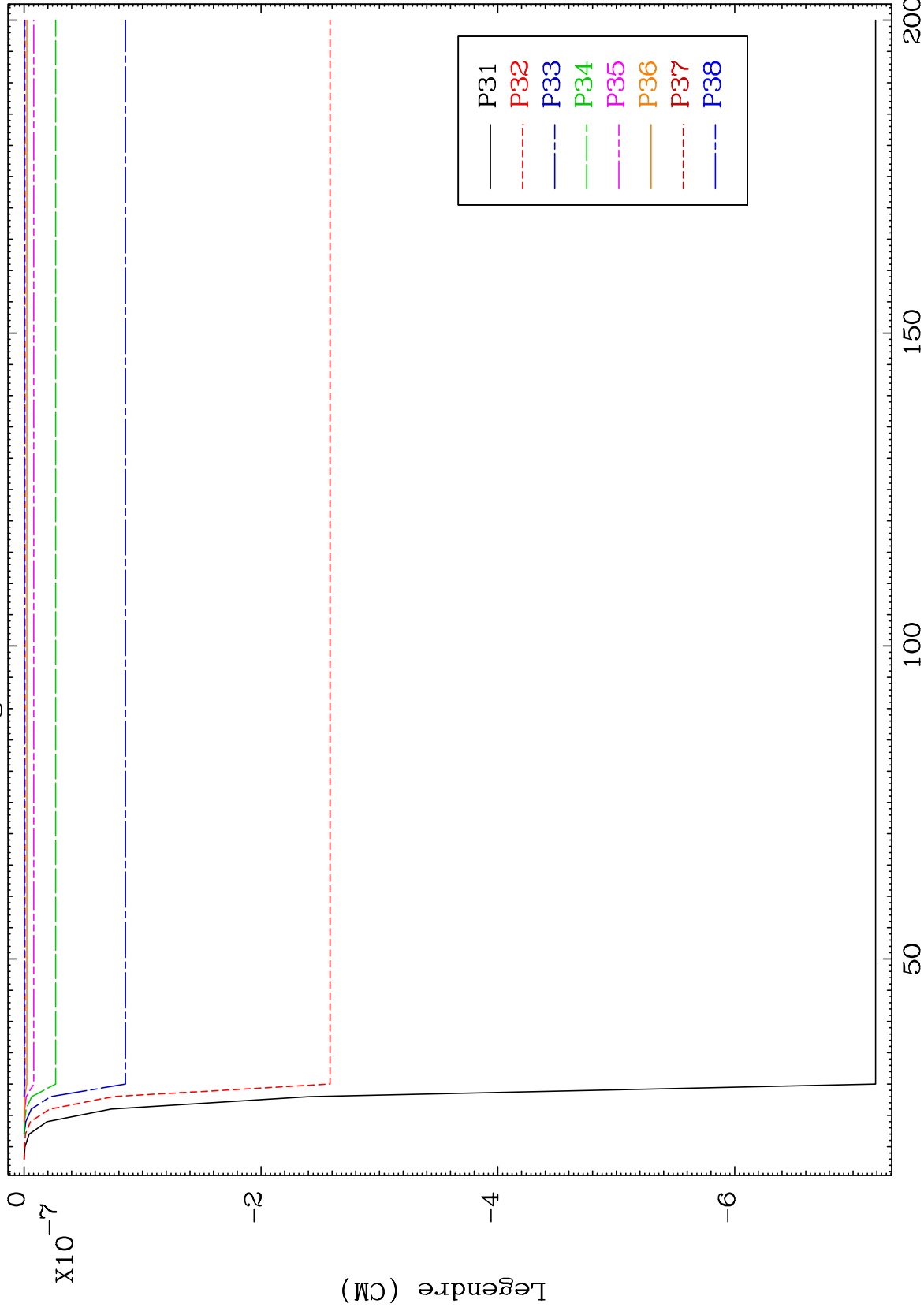
98

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

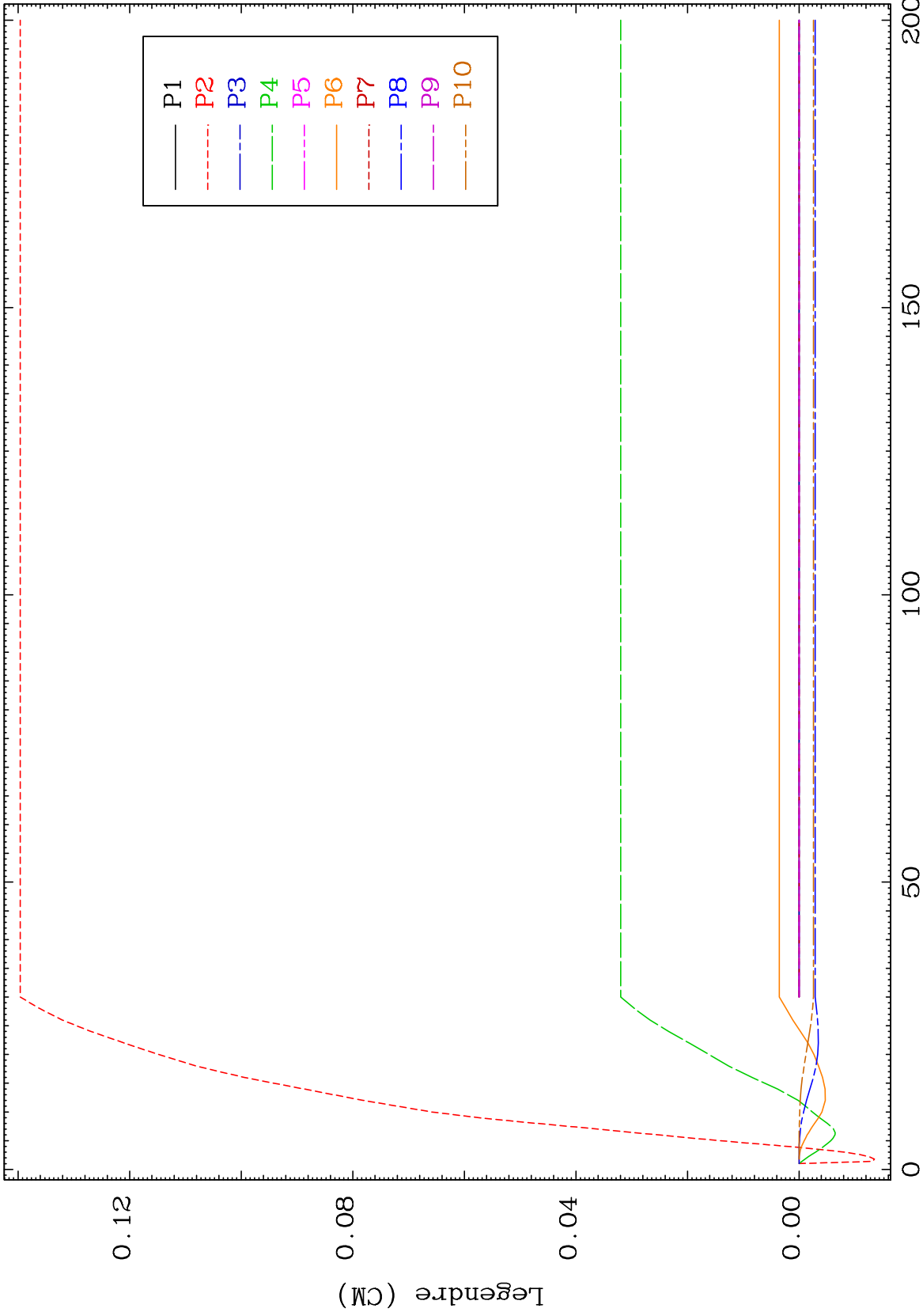
Incident Energy (MeV)

99

MAT 7934

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

79-Au-200



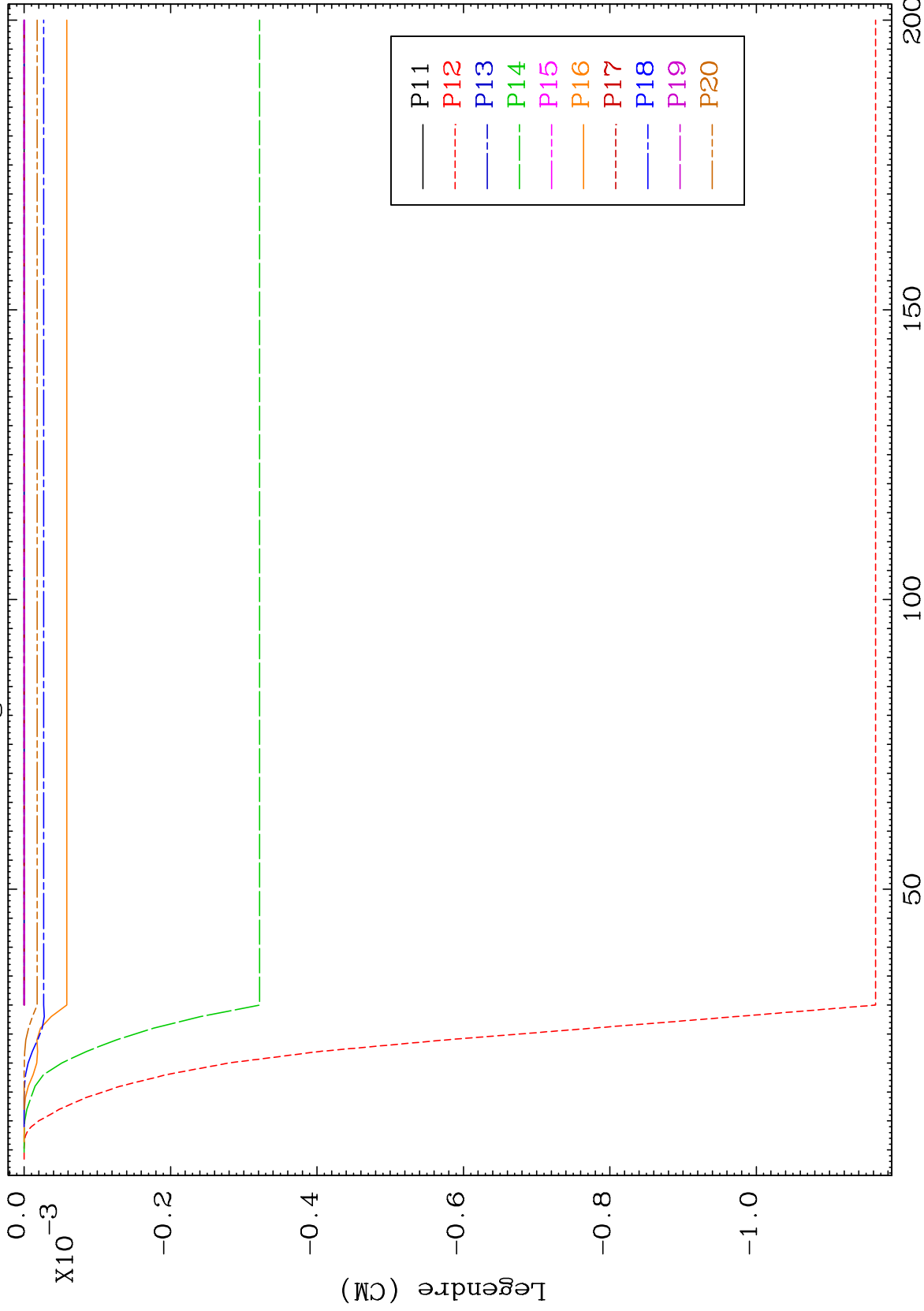
79-Au-200

Incident Energy (MeV)

MAT 7934

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

79-Au-200



101

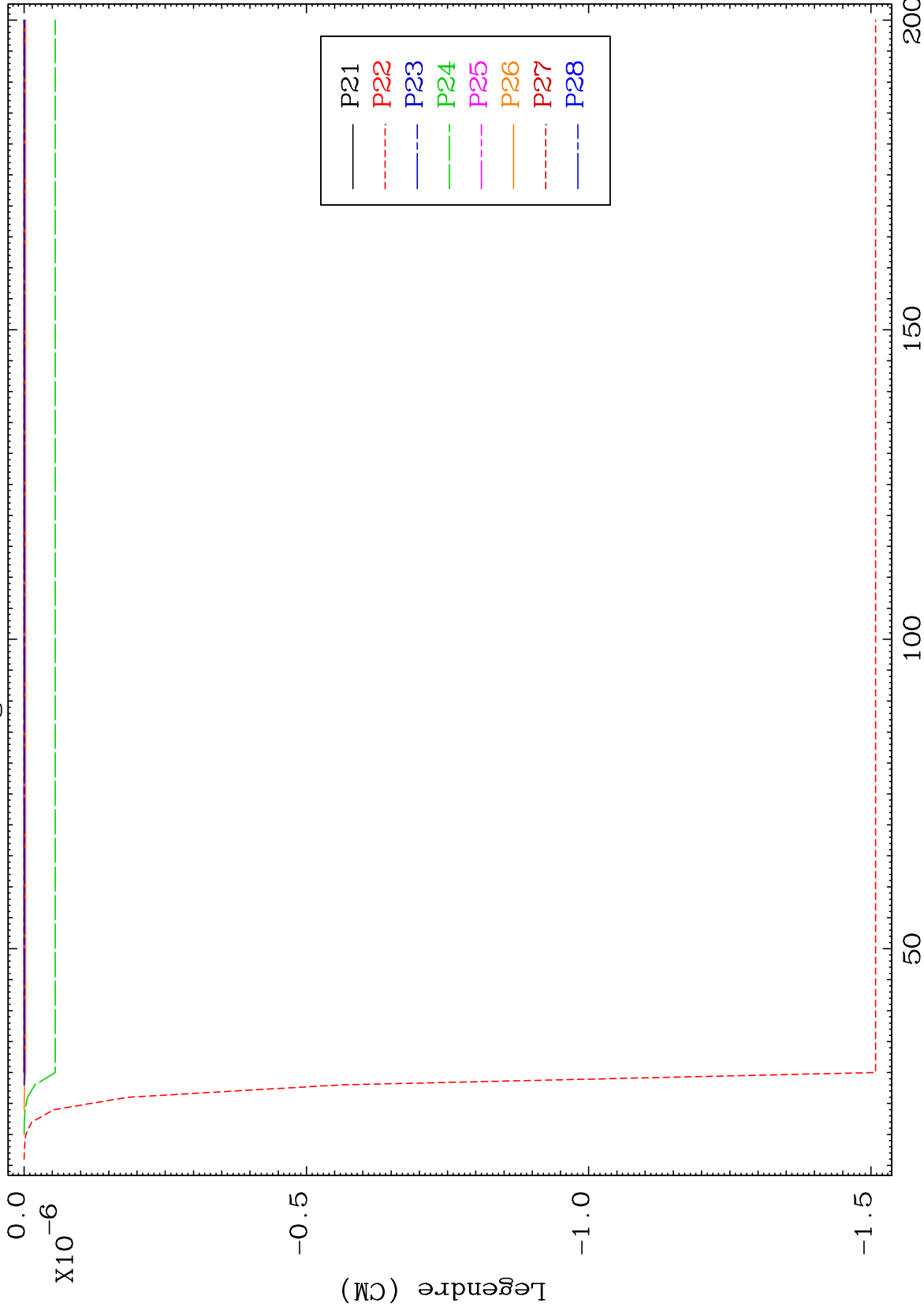
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



102

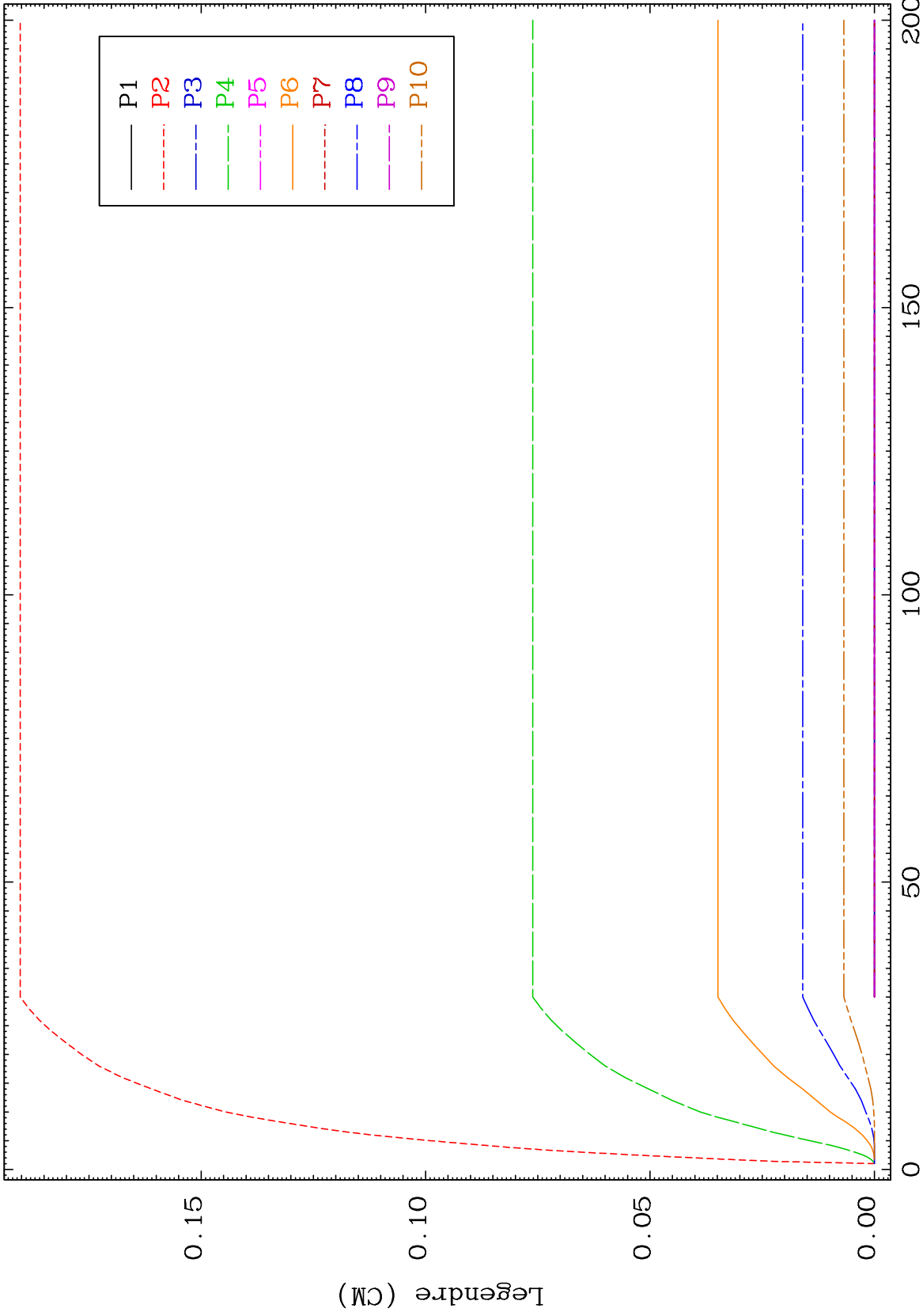
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

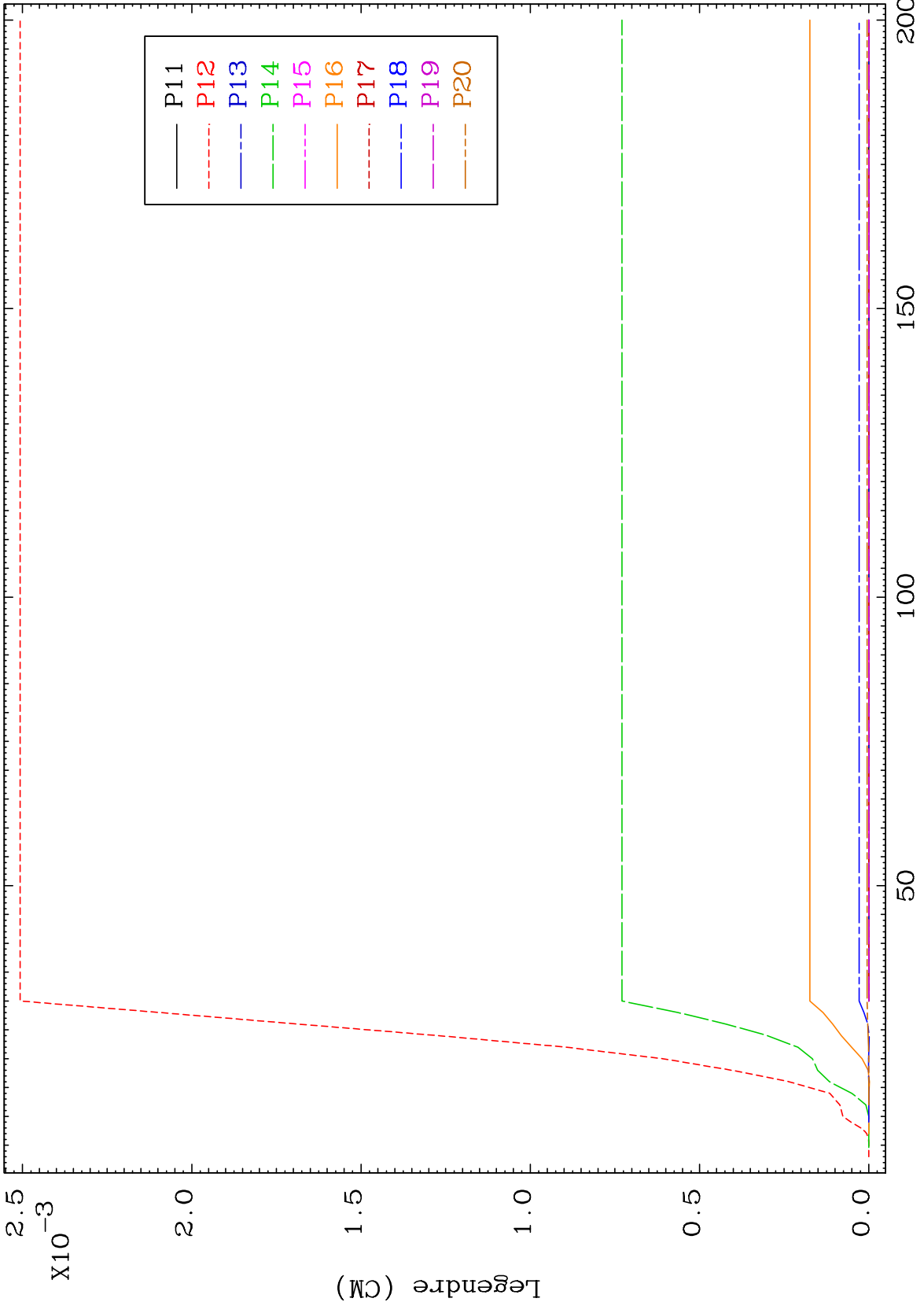


103

Incident Energy (MeV)

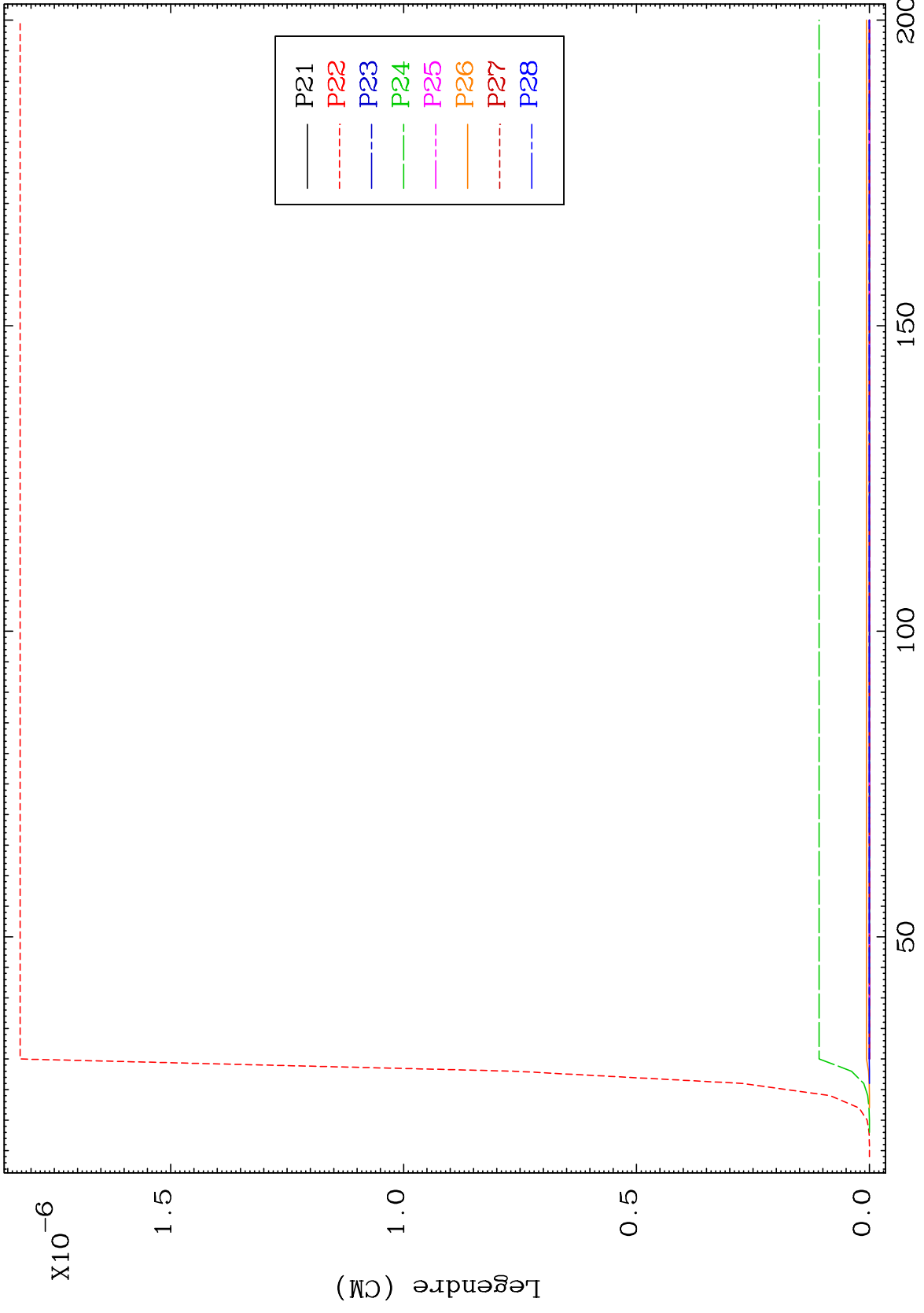
79-Au-200

MAT 7934 MT= 74 (n,n') Level Legendre Coefficients 79-Au-200



104 79-Au-200

MAT 7934 MT= 74 (n,n') Level Legendre Coefficients 79-Au-200

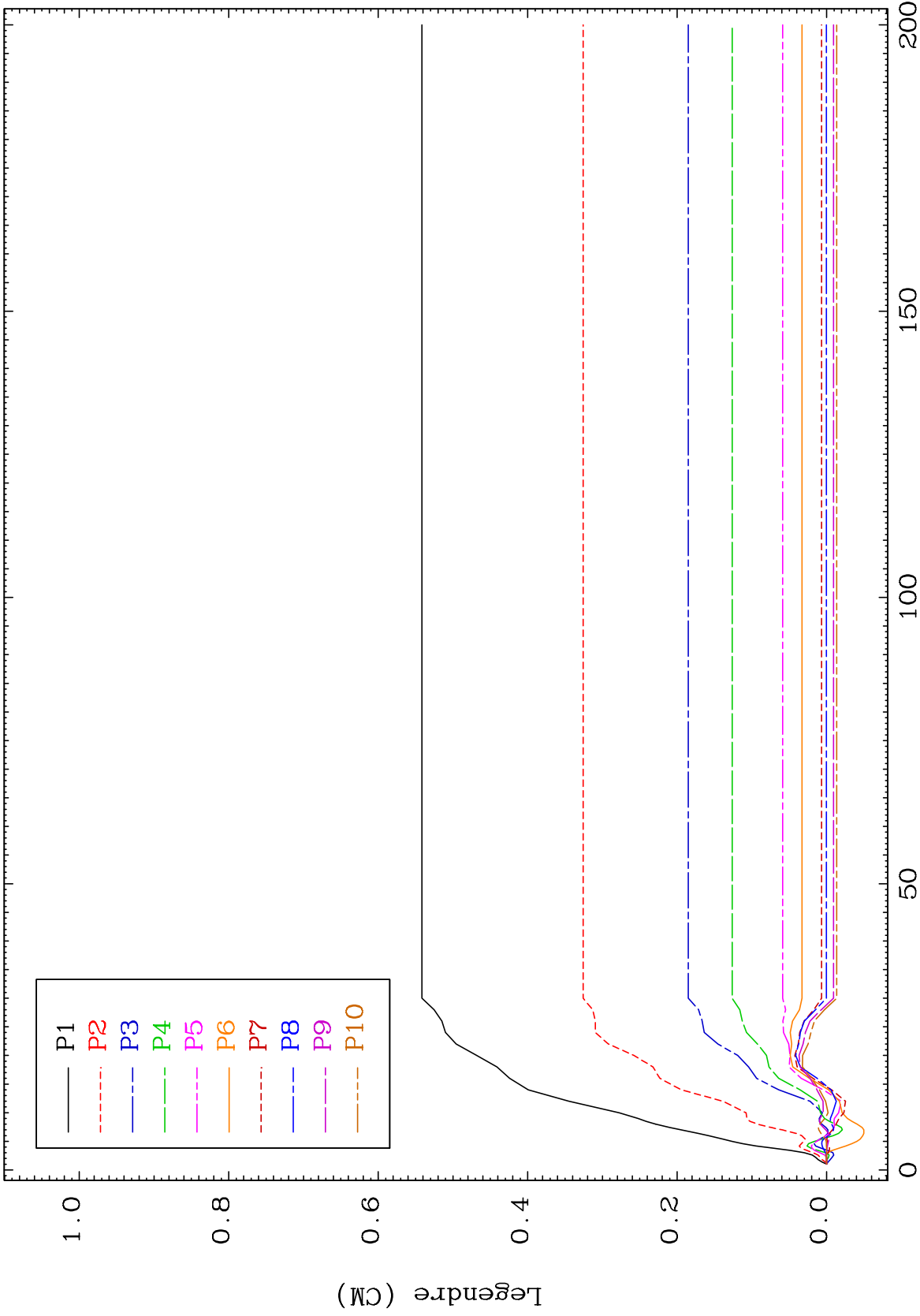


79-Au-200

MAT 7934

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

79-Au-200



106

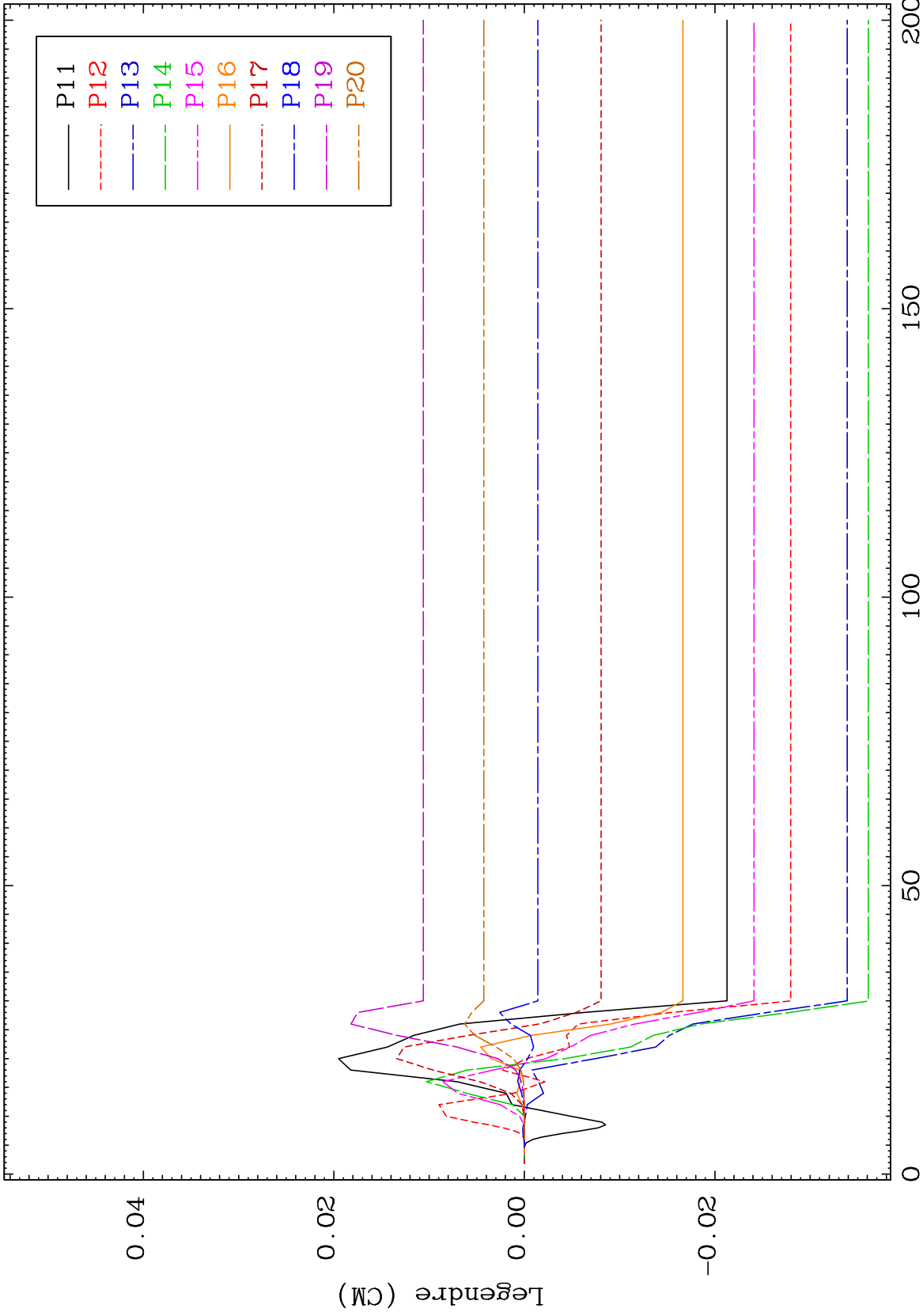
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



107

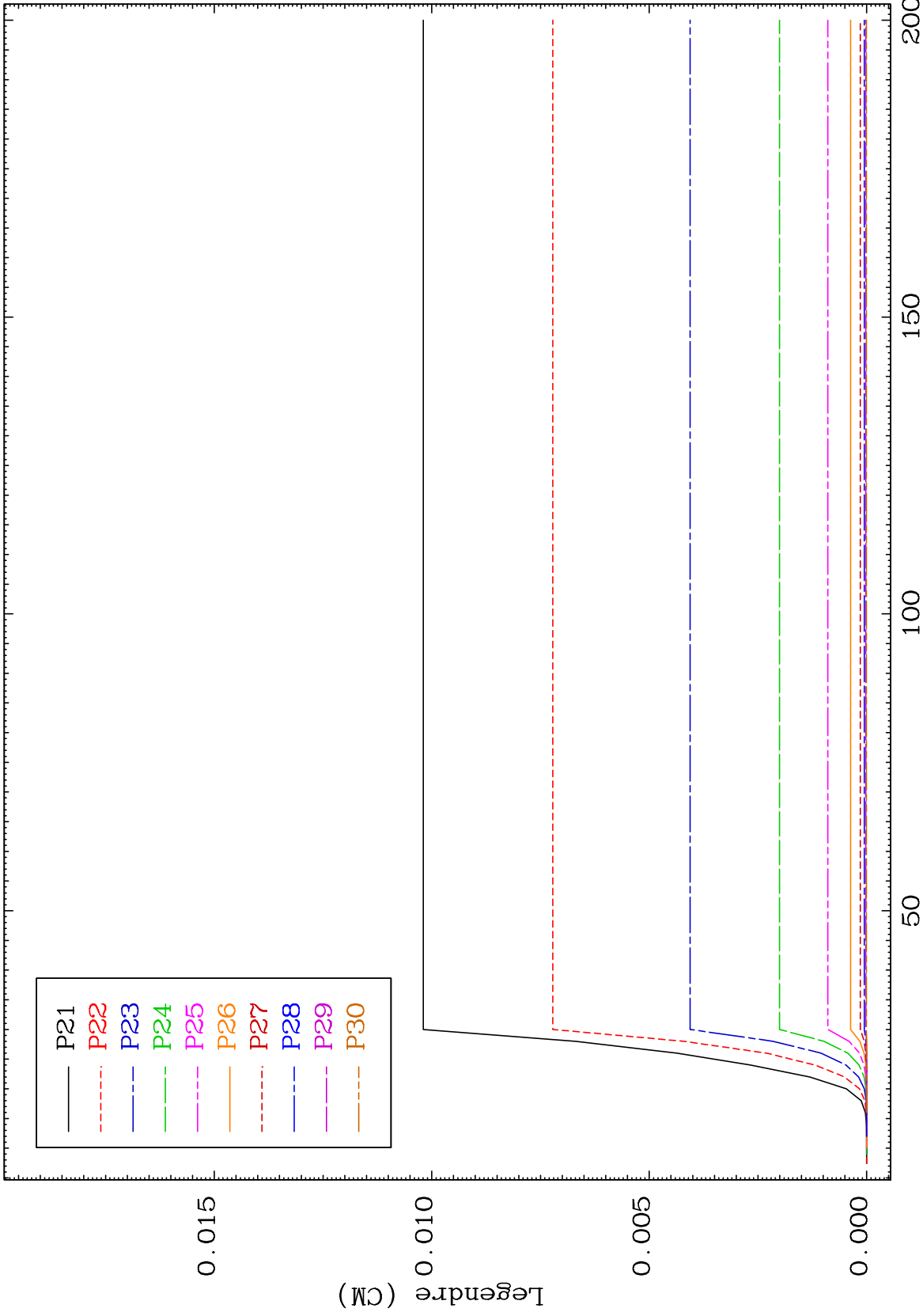
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



108

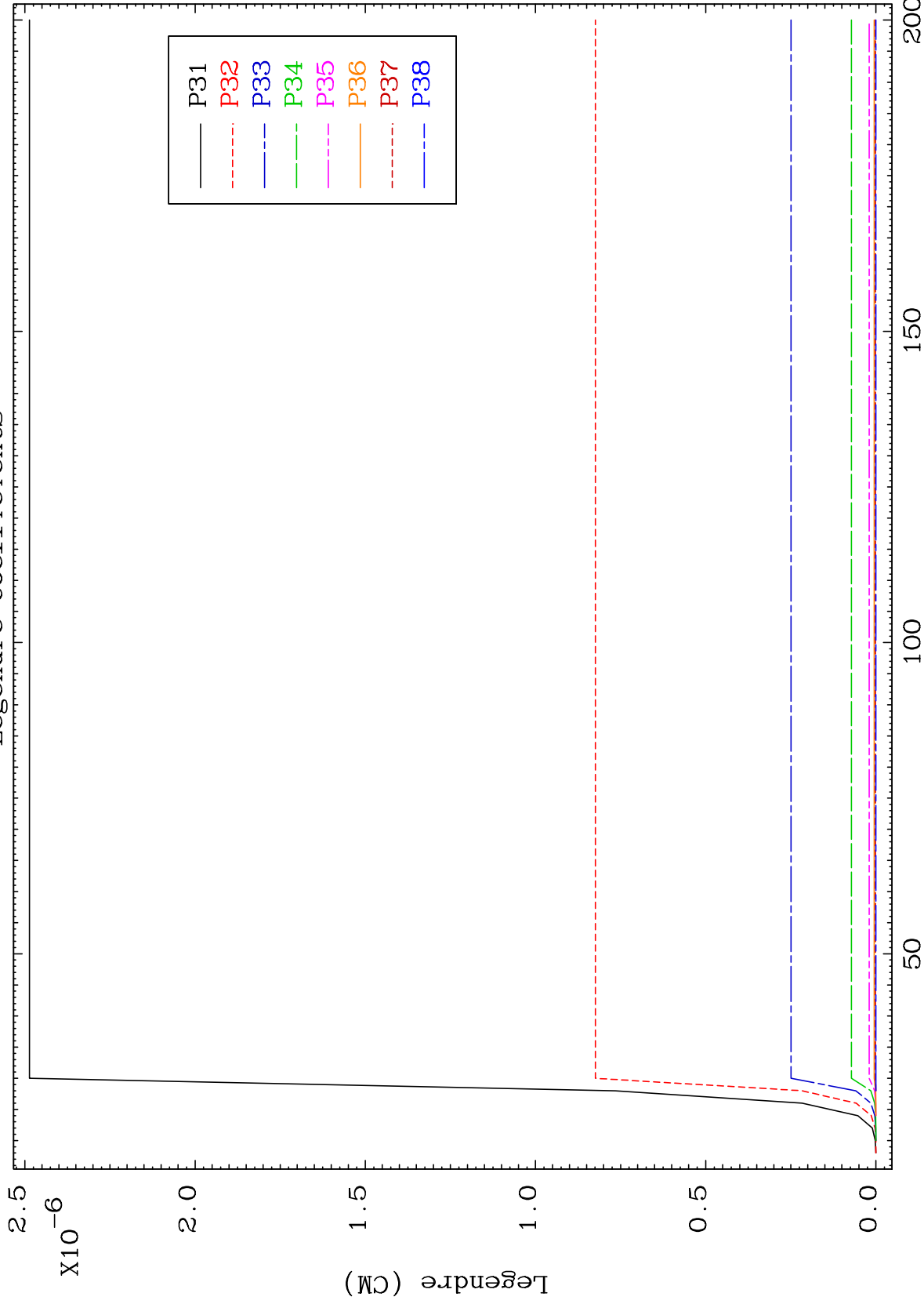
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



109

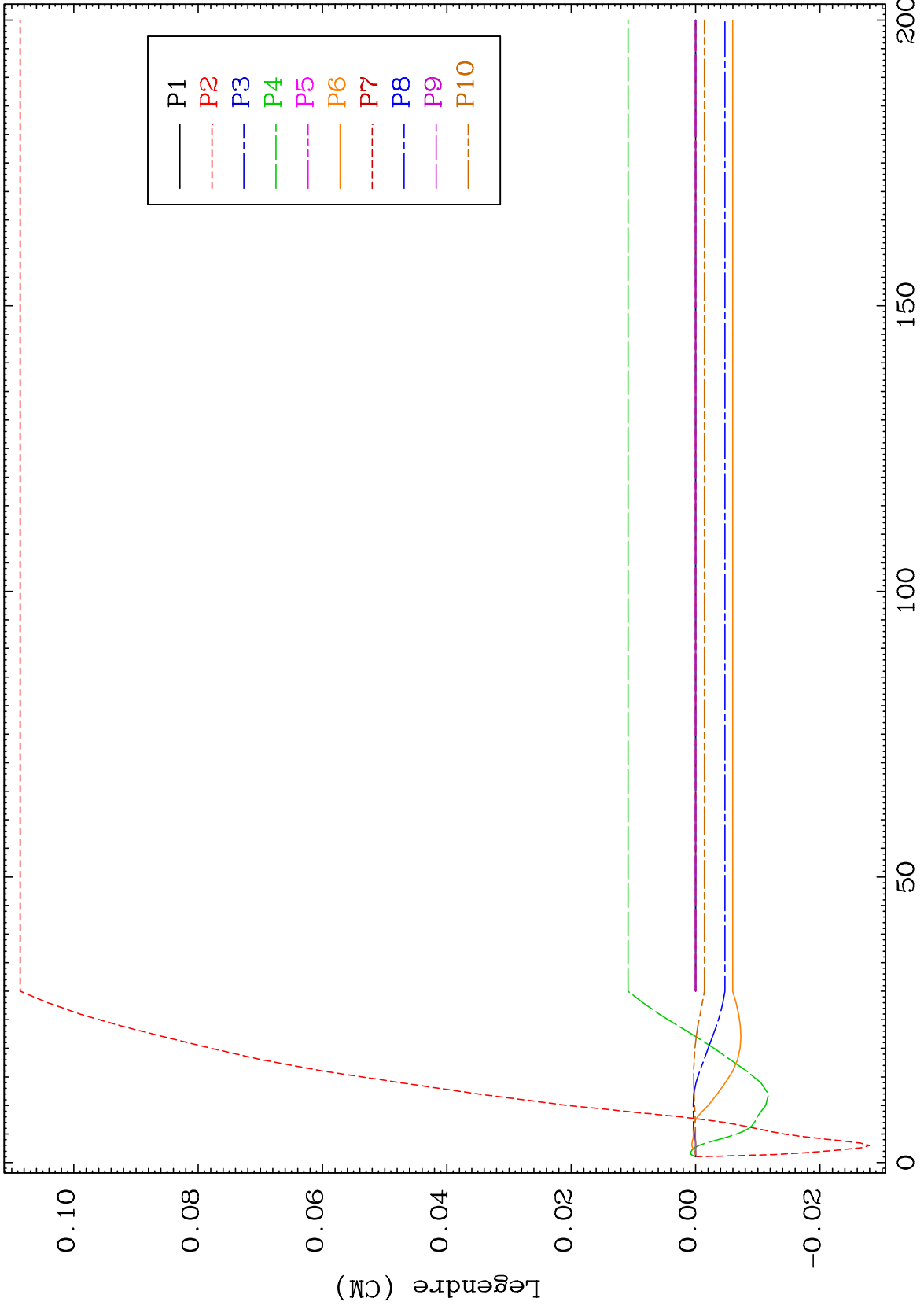
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

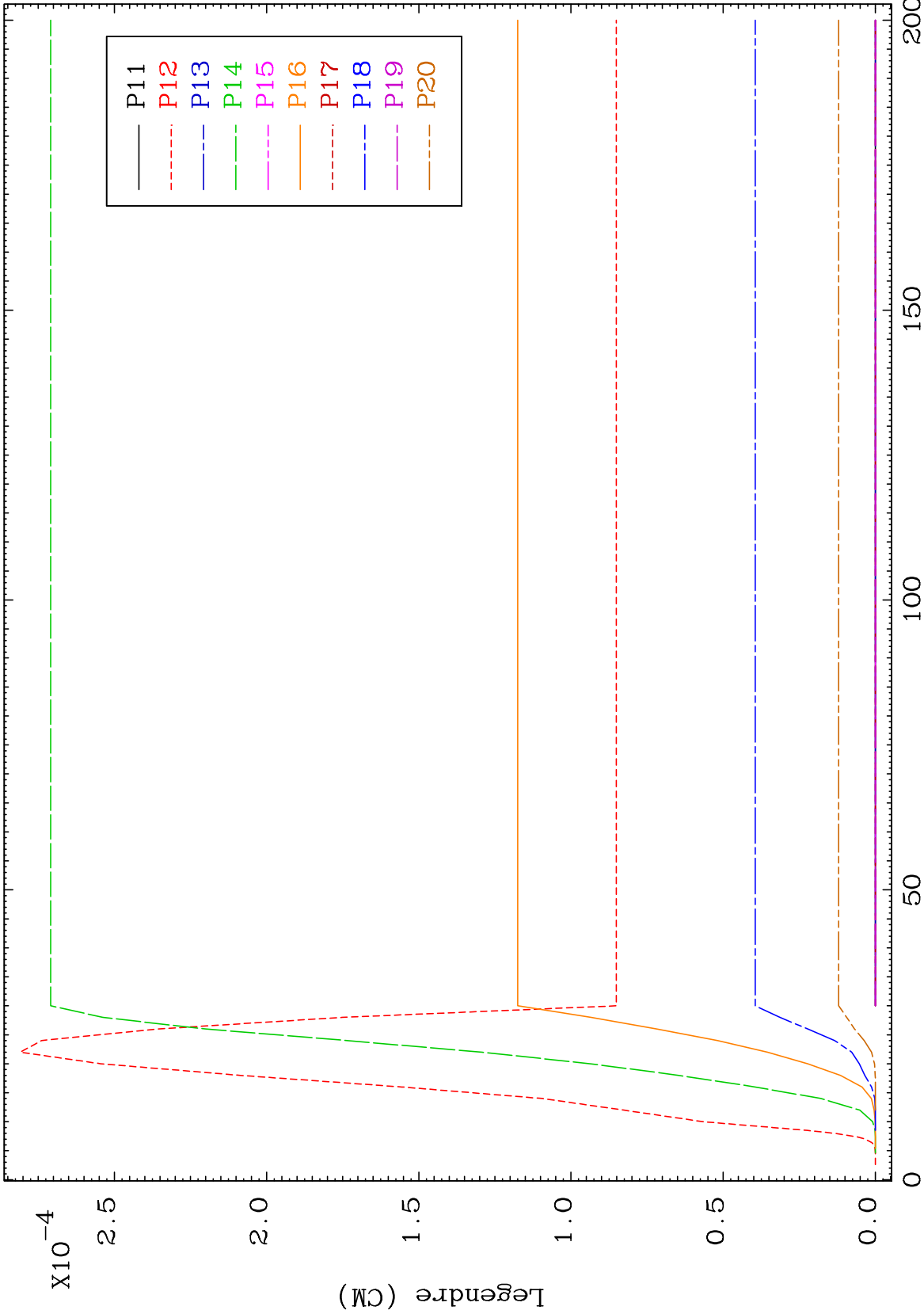
Incident Energy (MeV)

110

MAT 7934

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

79-Au-200

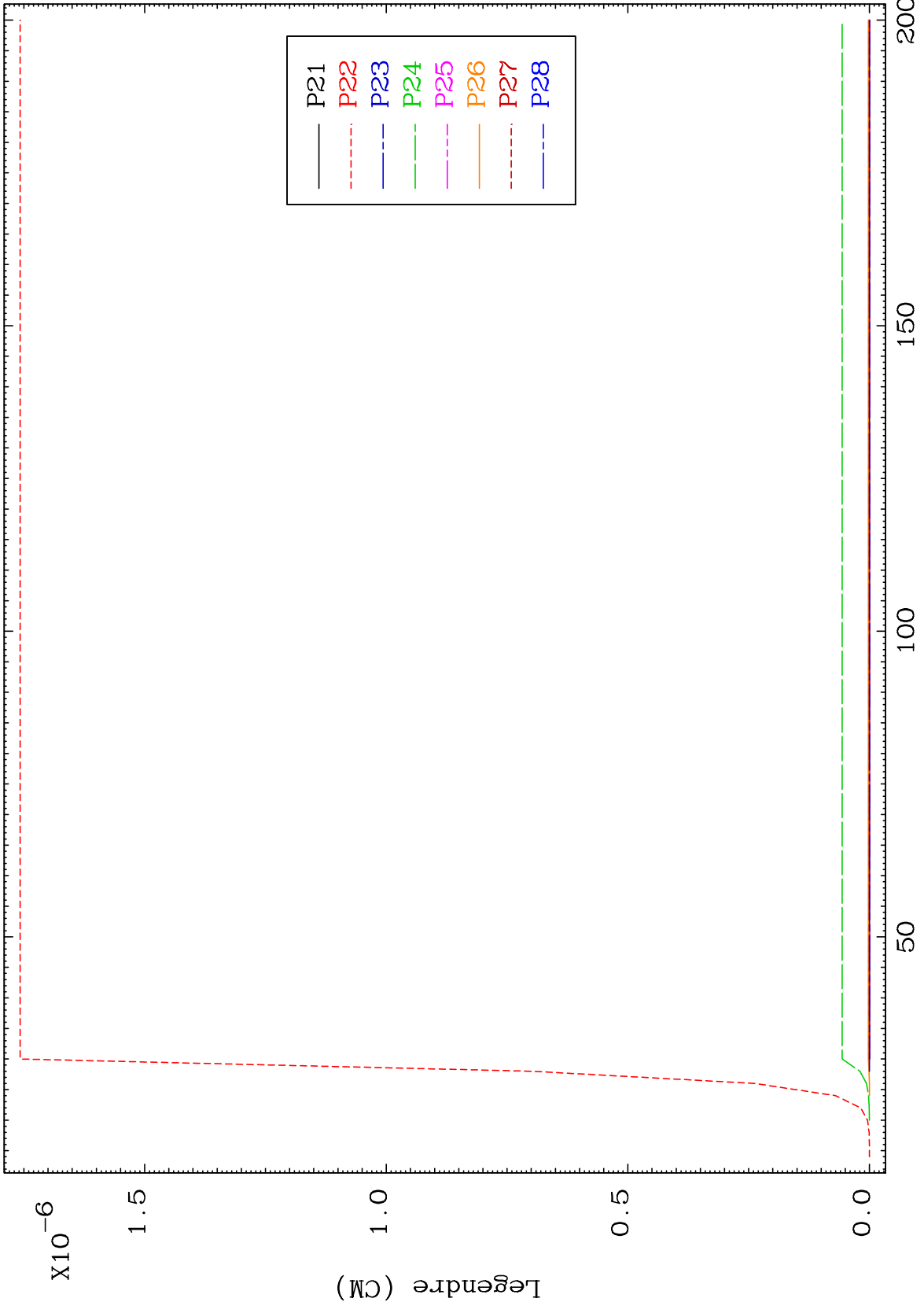


111

Incident Energy (MeV)

79-Au-200

MAT 7934 MT= 76 (n,n') Level Legendre Coefficients 79-Au-200

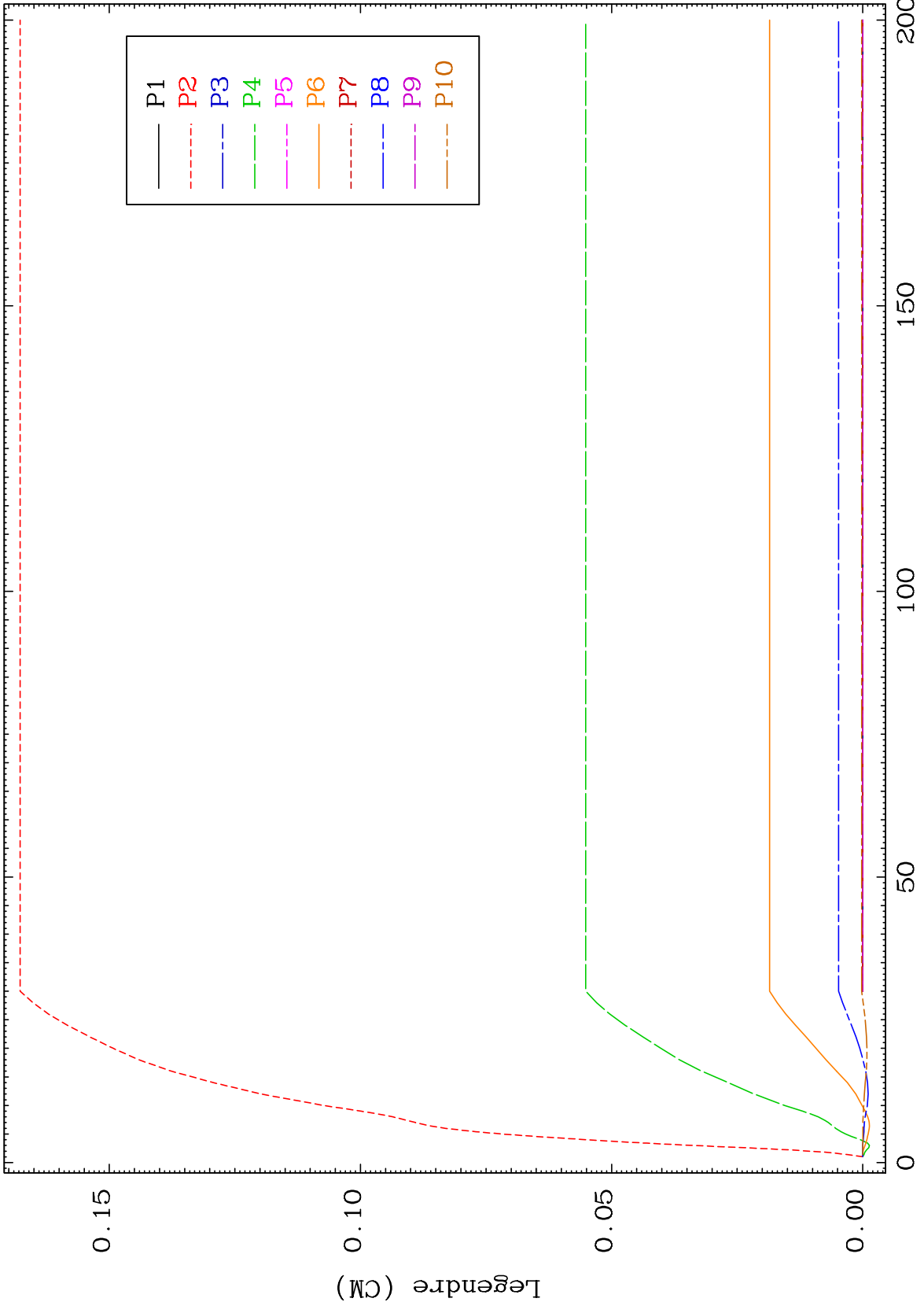


112 79-Au-200

MAT 7934

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

79-Au-200



113

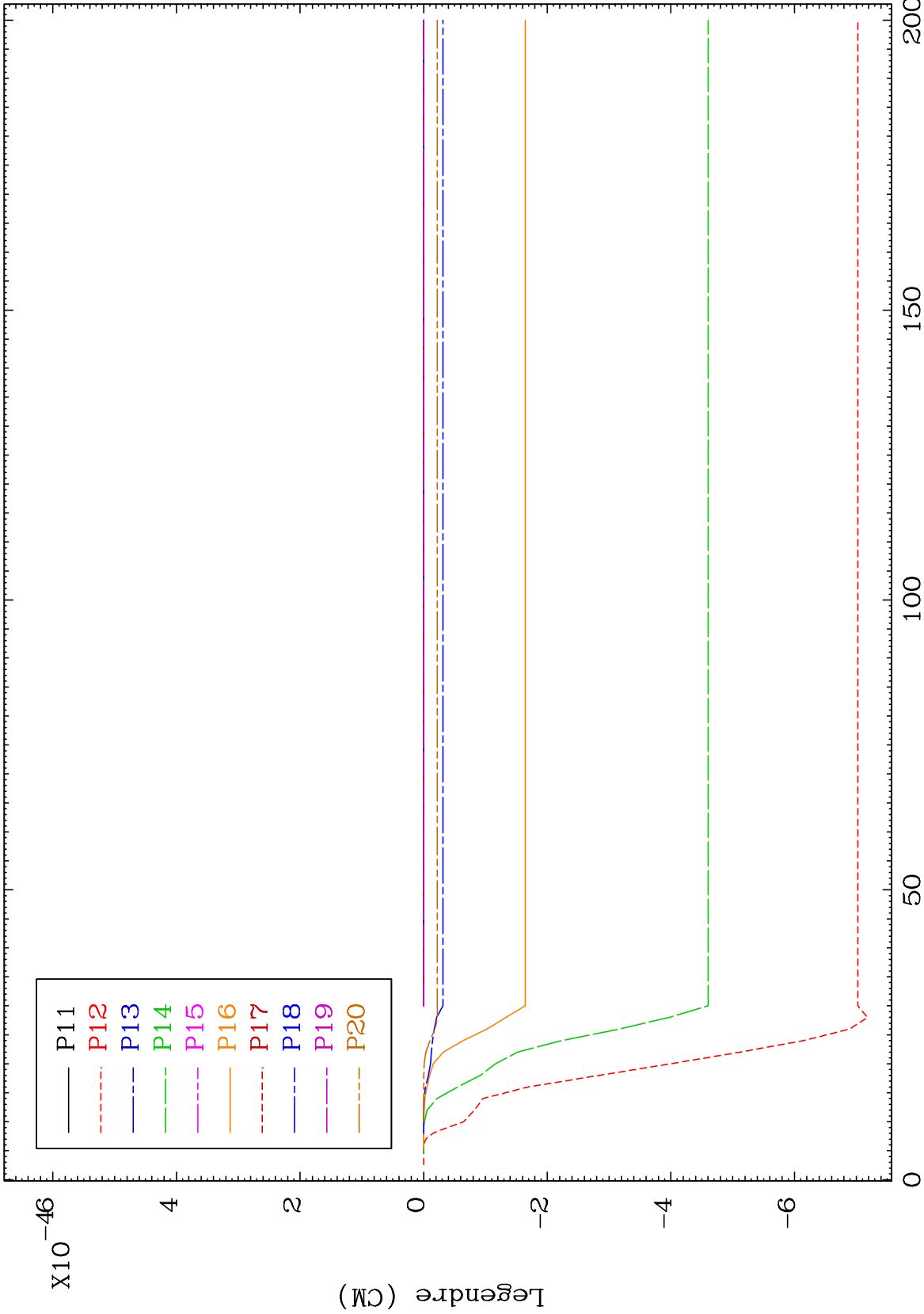
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



114

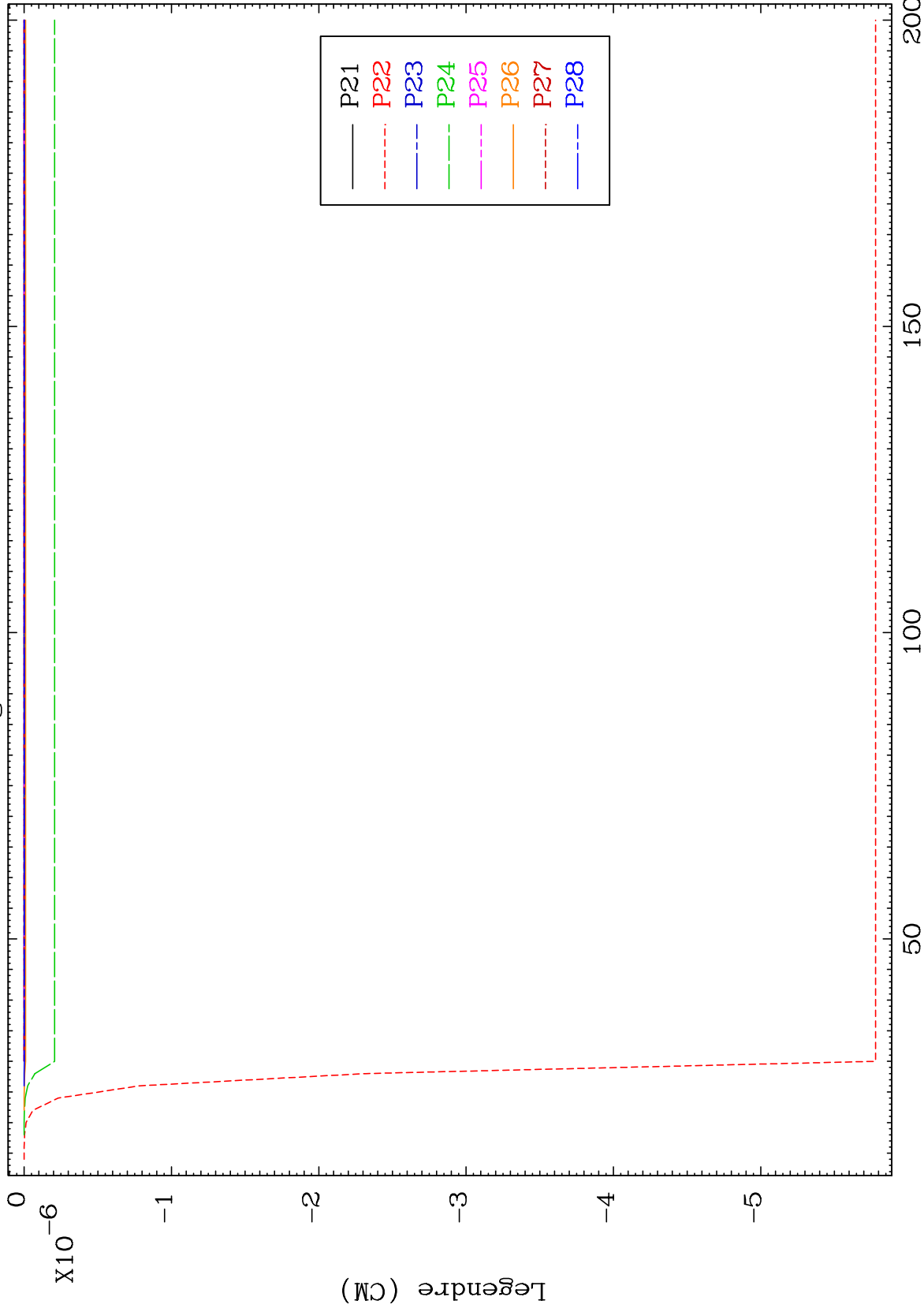
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



115

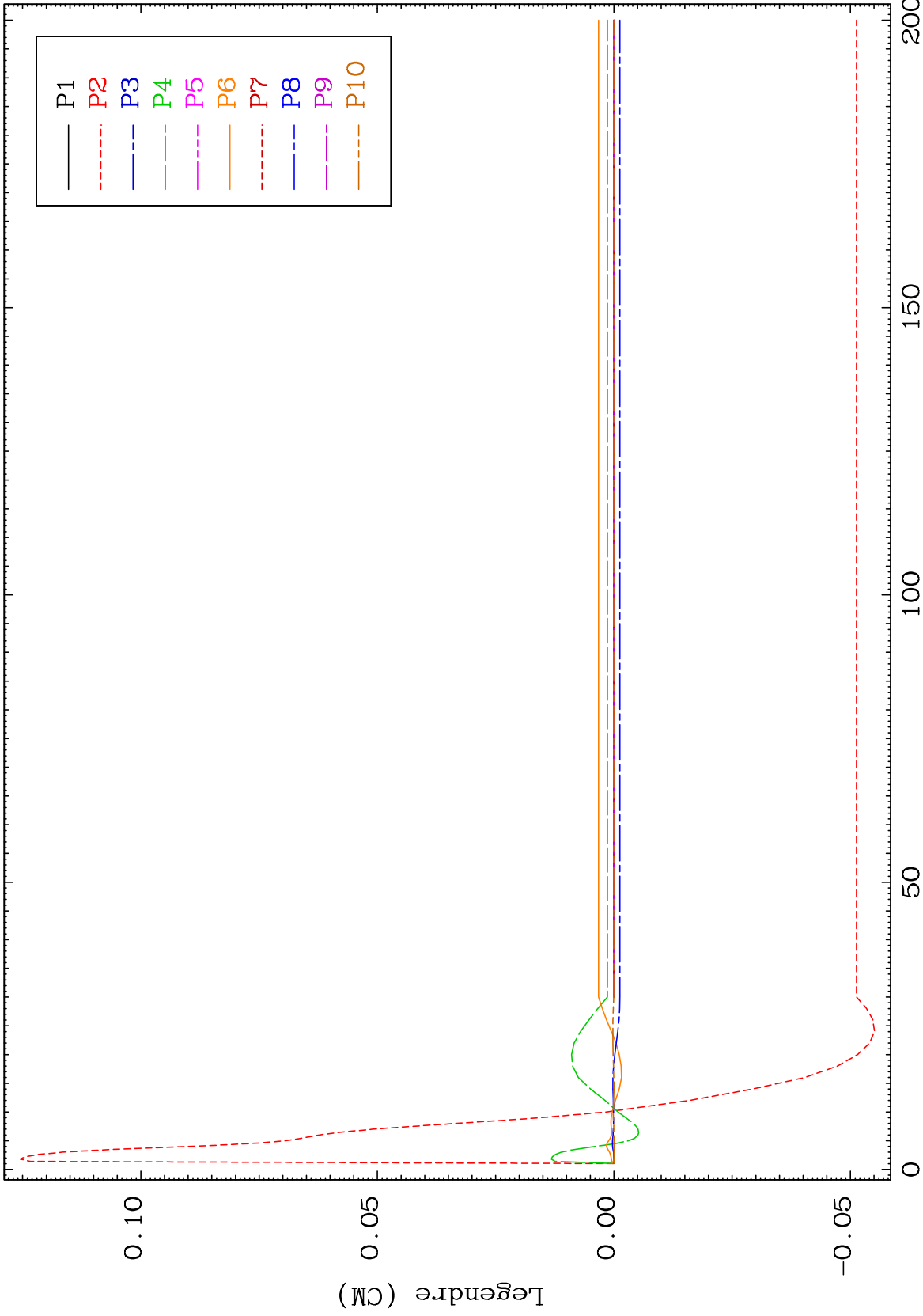
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

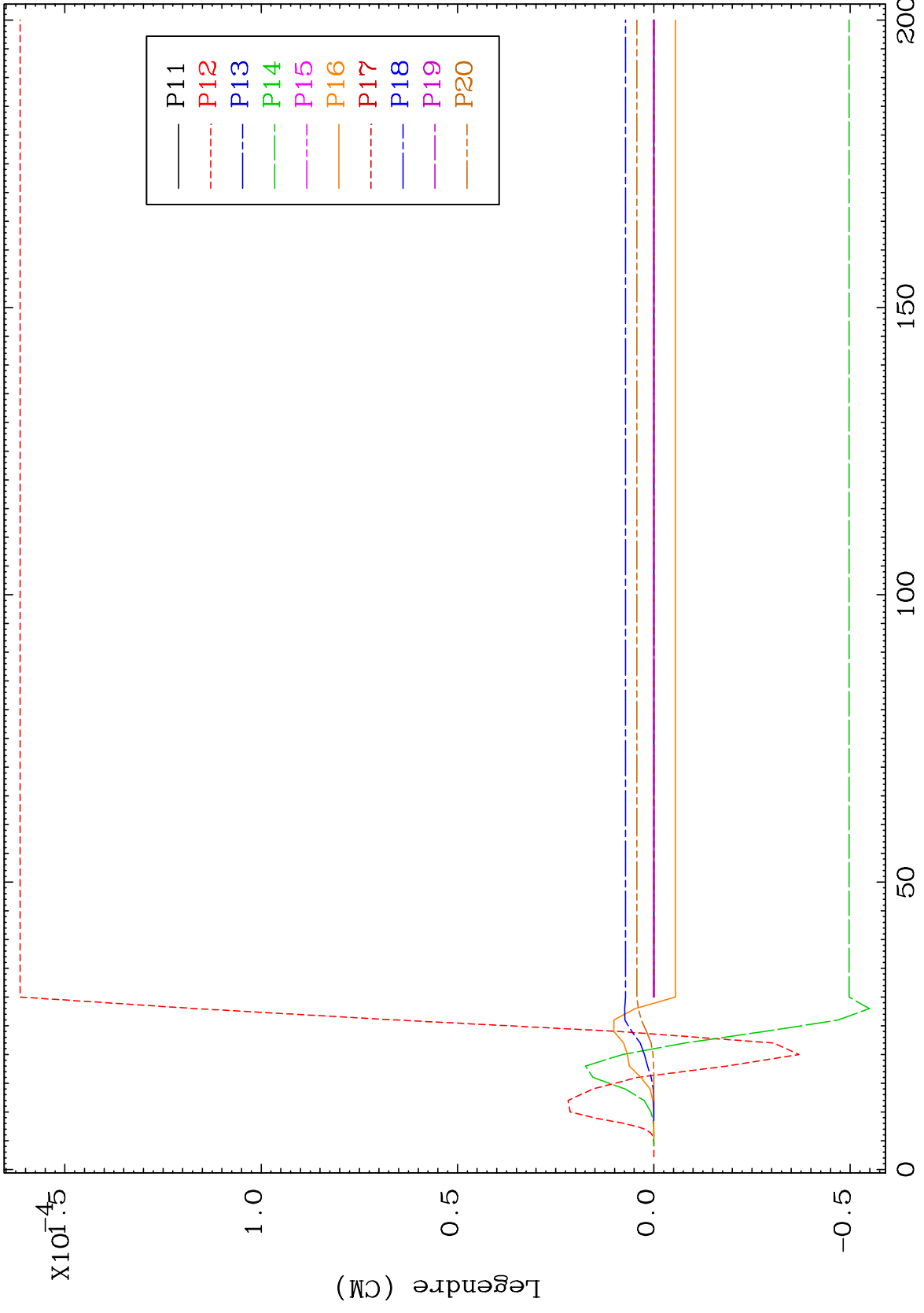


116

Incident Energy (MeV)

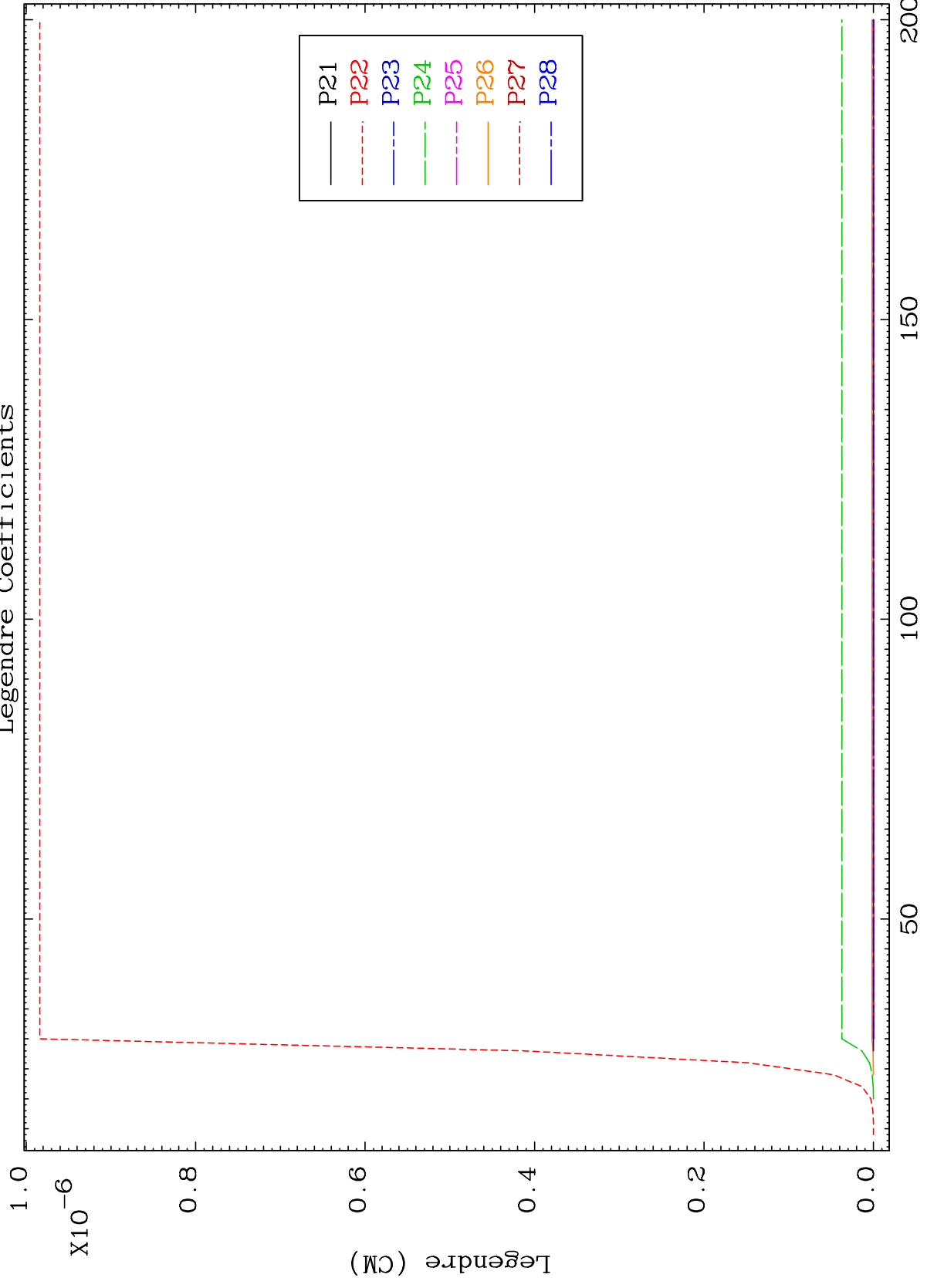
79-Au-200

MAT 7934 MT= 78 (n,n') Level Legendre Coefficients 79-Au-200



117 79-Au-200

MAT 7934 MT= 78 (n,n') Level Legendre Coefficients 79-Au-200

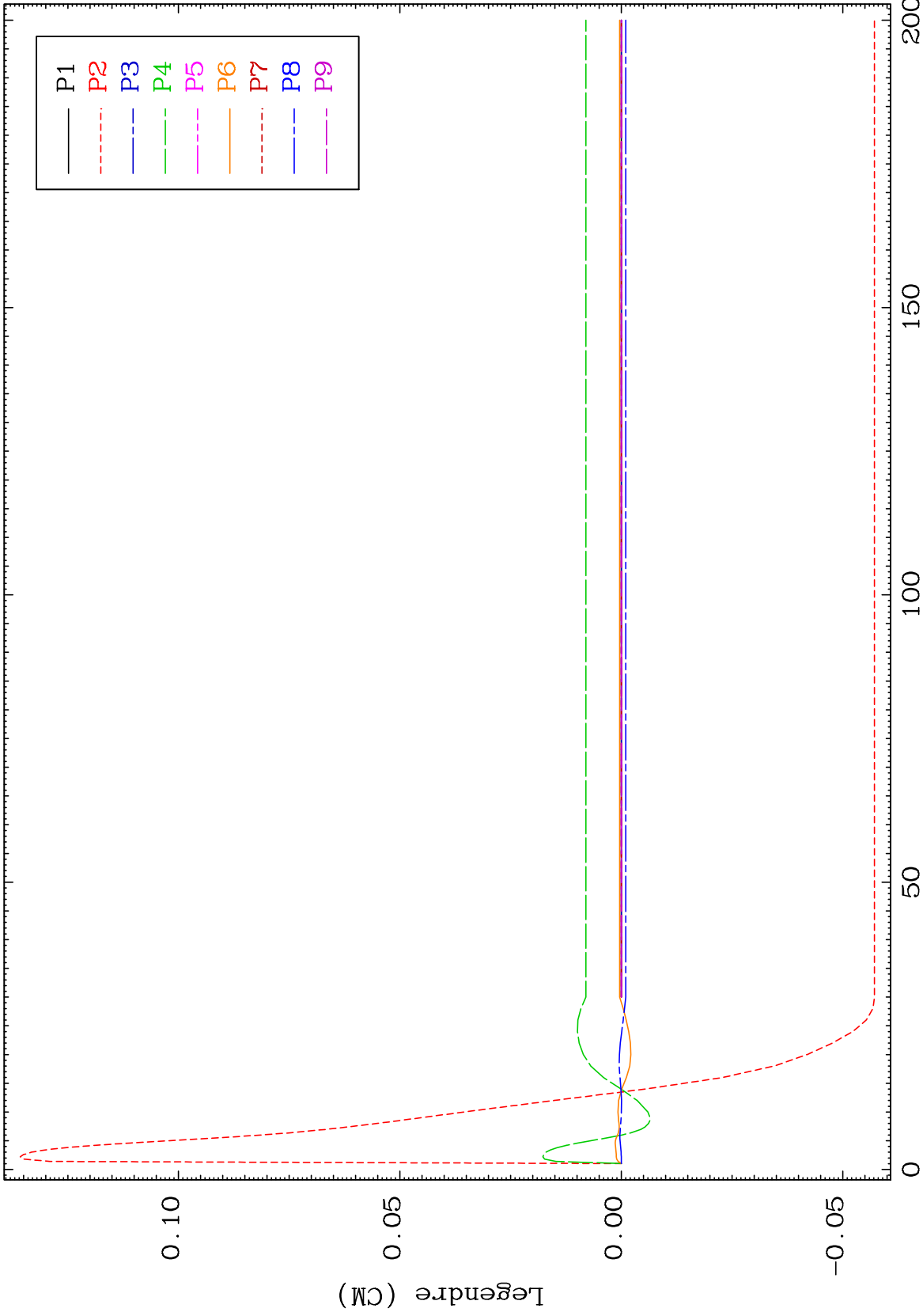


118 79-Au-200

MAT 7934

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

79-Au-200



119

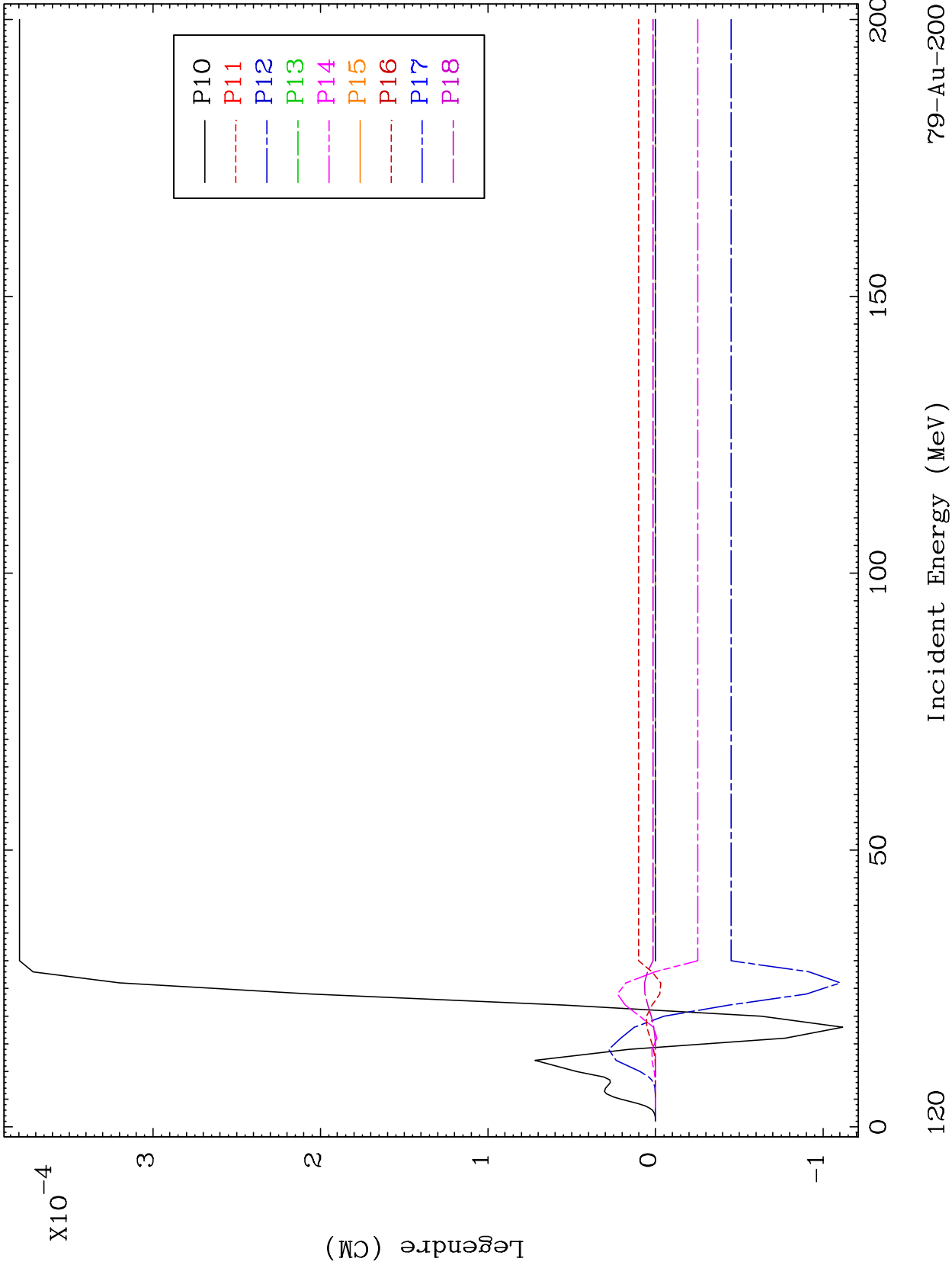
Incident Energy (MeV)

79-Au-200

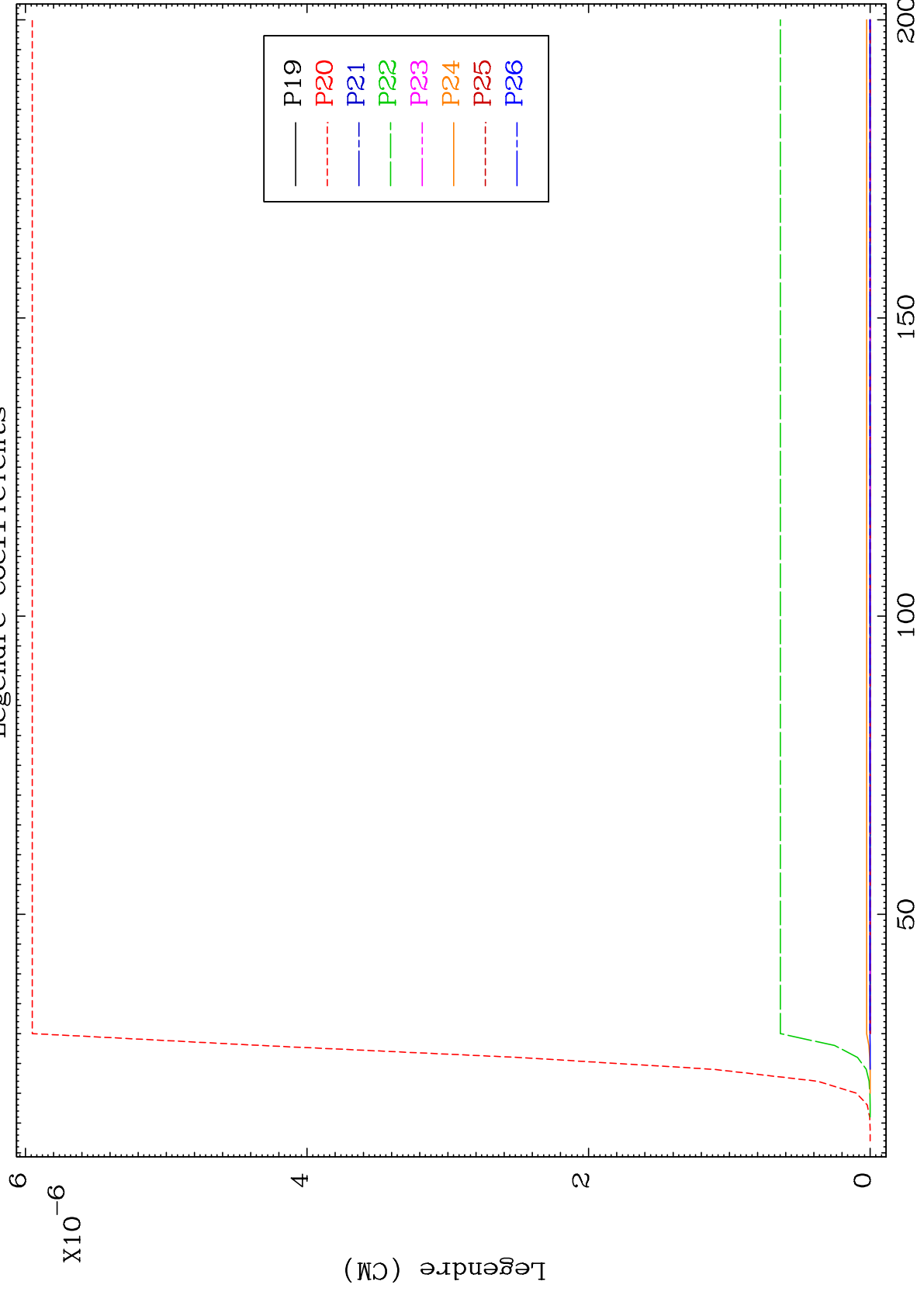
MAT 7934

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

79-Au-200

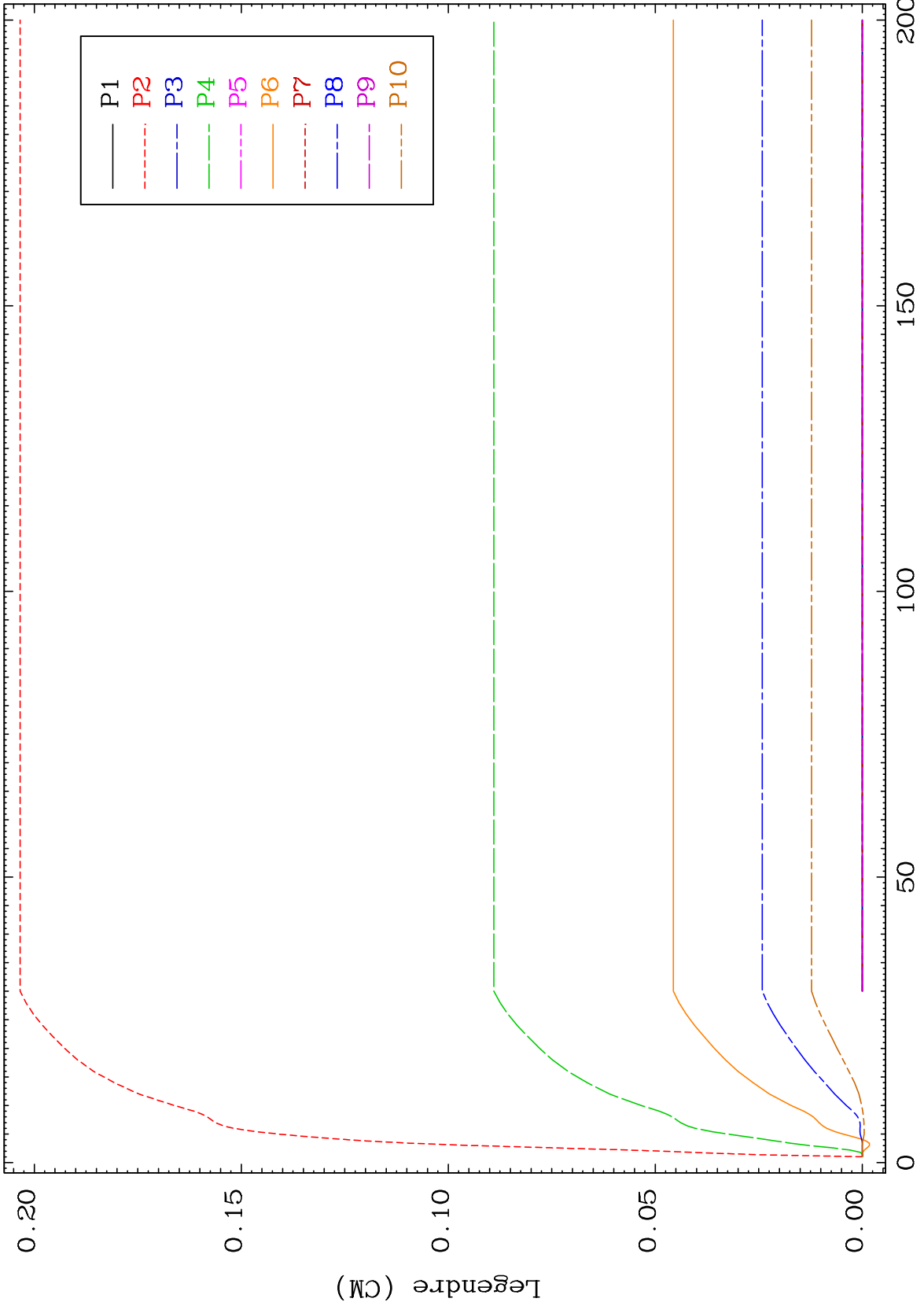


MAT 7934 MT= 79 (n,n') Level Legendre Coefficients 79-Au-200



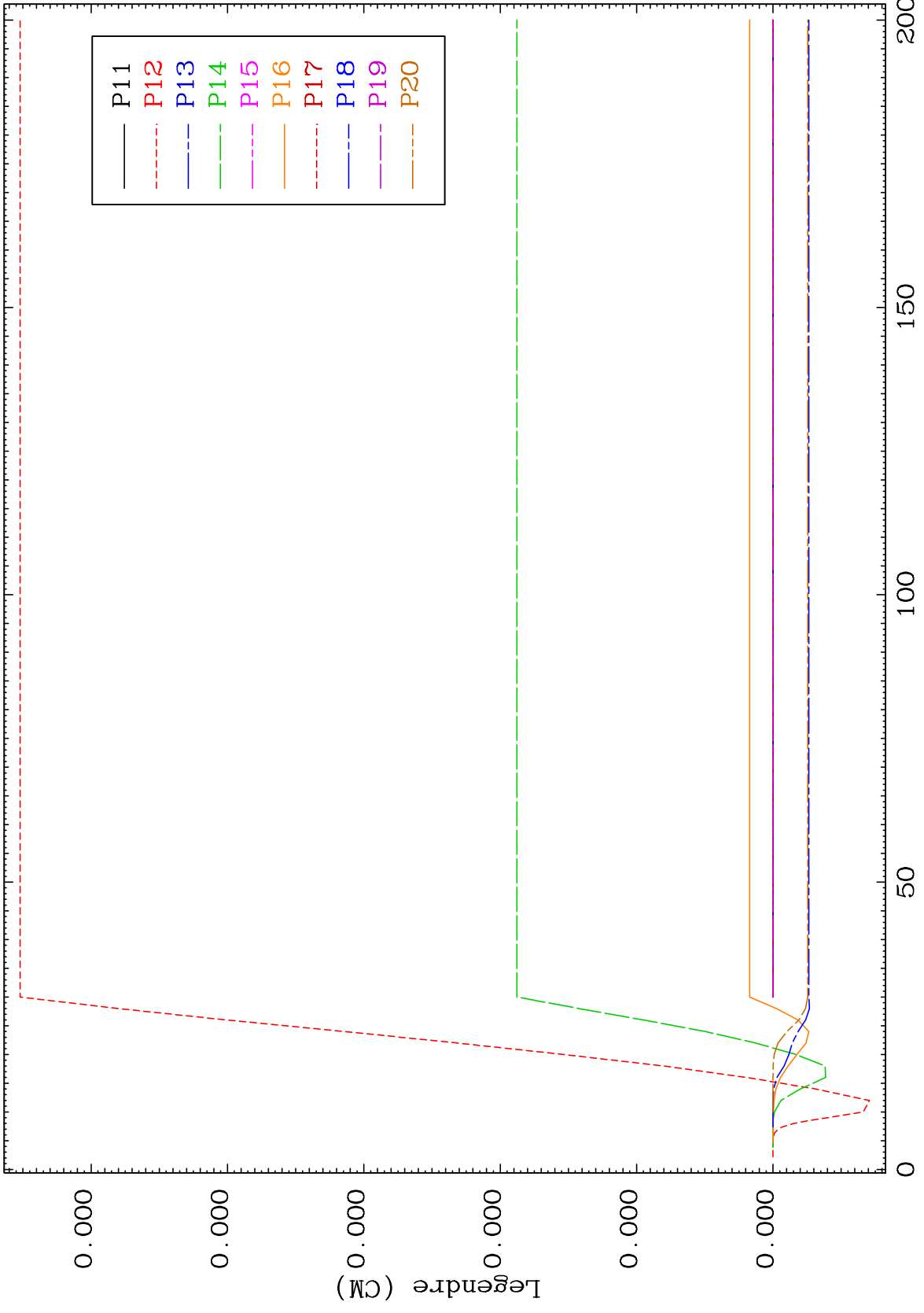
121 Incident Energy (MeV) 79-Au-200

MAT 7934 MT= 80 (n,n') Level Legendre Coefficients 79-Au-200



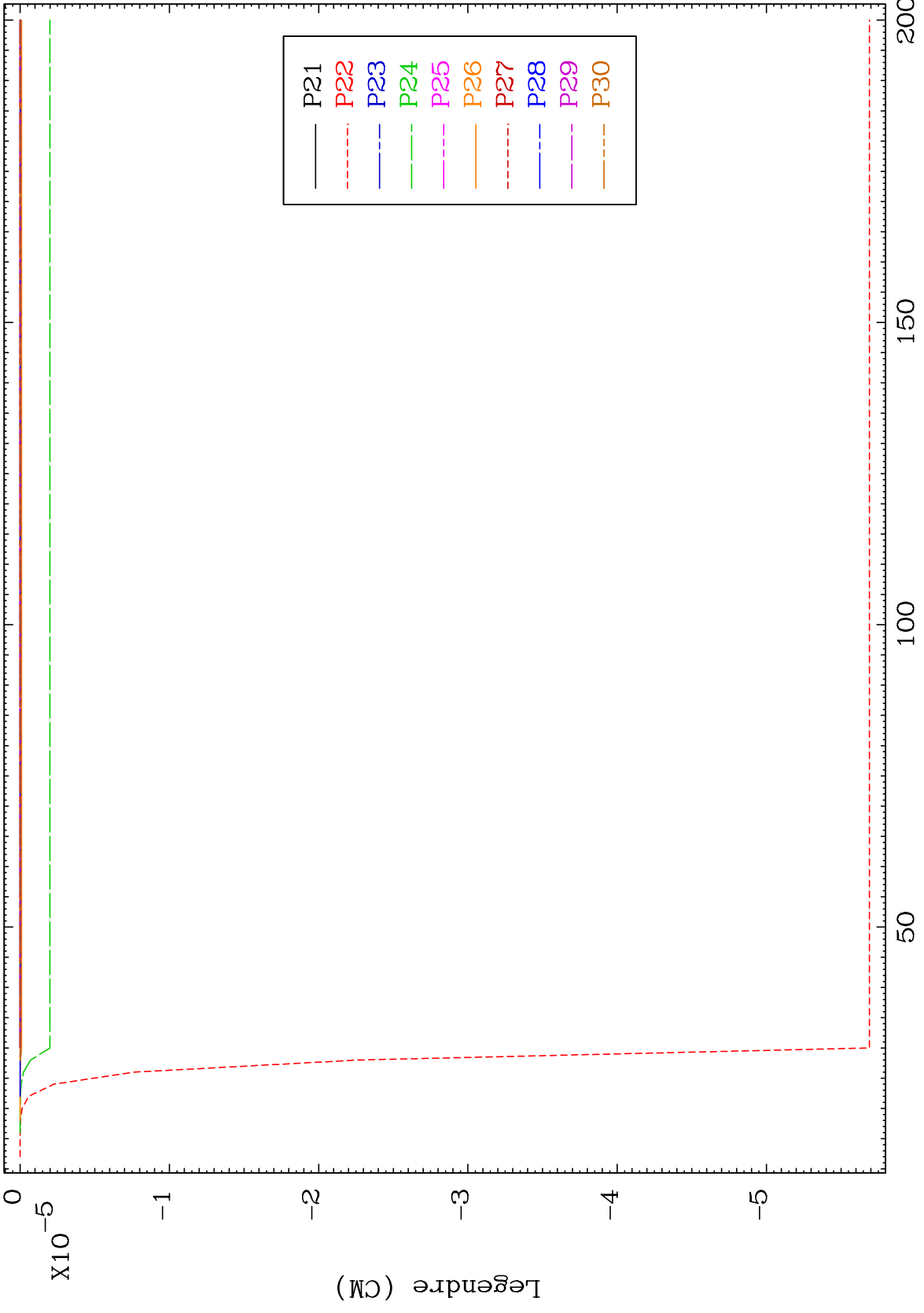
122 79-Au-200

MAT 7934 MT= 80 (n,n') Level Legendre Coefficients 79-Au-200



123 79-Au-200

MAT 7934 MT= 80 (n,n') Level Legendre Coefficients 79-Au-200

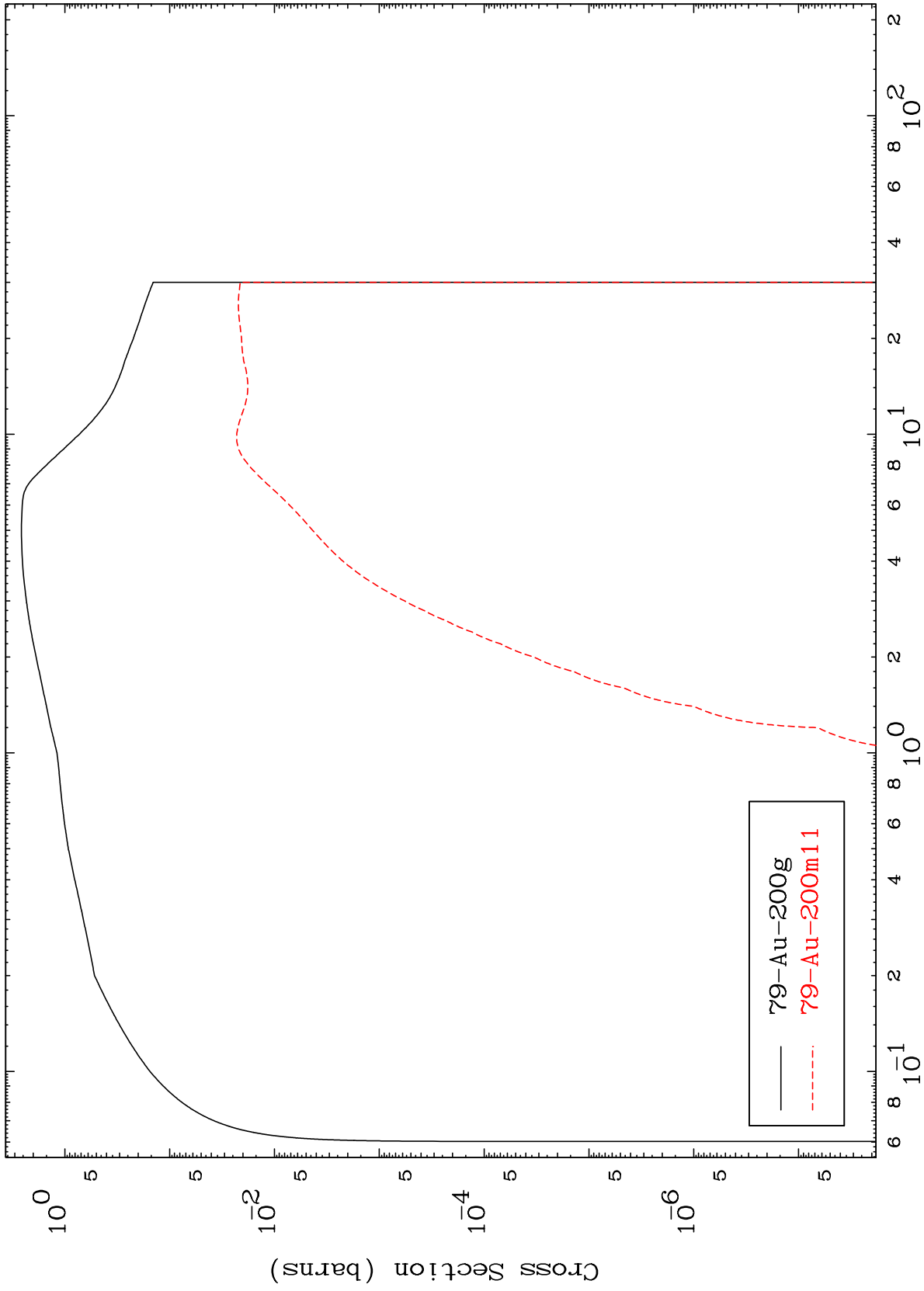


124 79-Au-200

MAT 7934

Inelastic Radionuclide Production Cross Section

79-Au-200

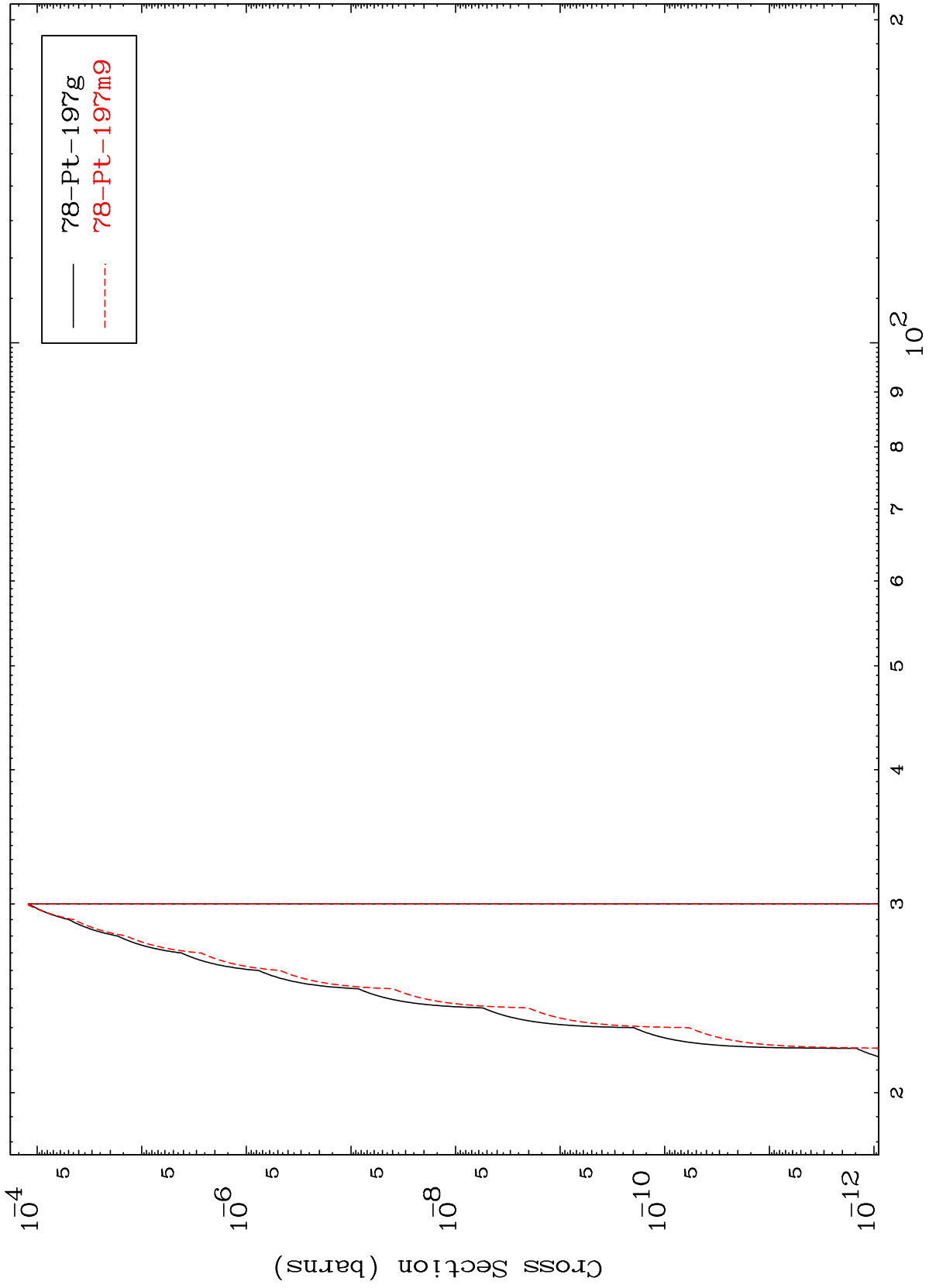


MAT 7934

(n,2n) d

79-Au-200

Radionuclide Production Cross Section



126

Incident Energy (MeV)

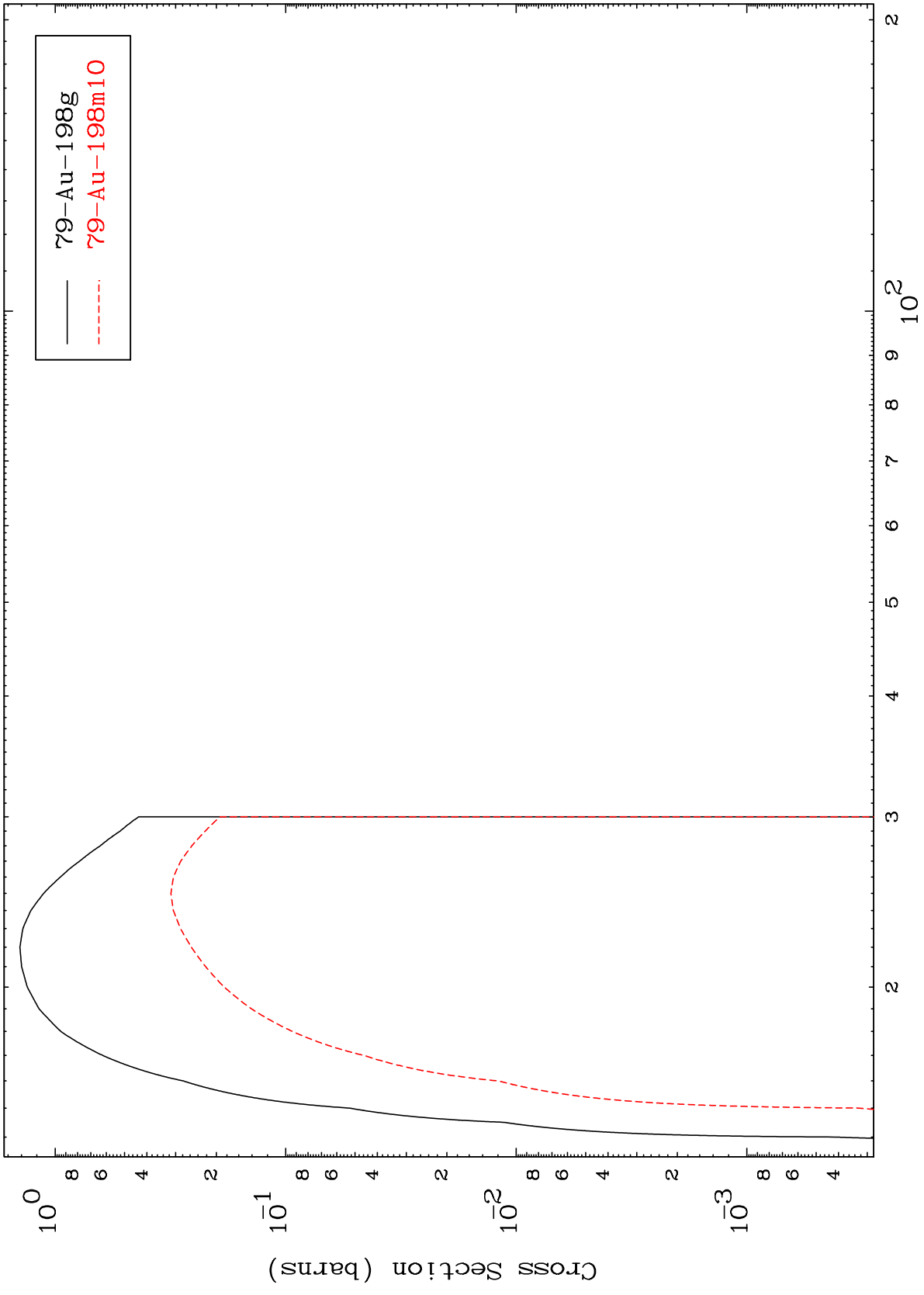
79-Au-200

MAT 7934

(n,3n)

⁷⁹Au-200

Radionuclide Production Cross Section



79-Au-198g
79-Au-198m10

127

Incident Energy (MeV)

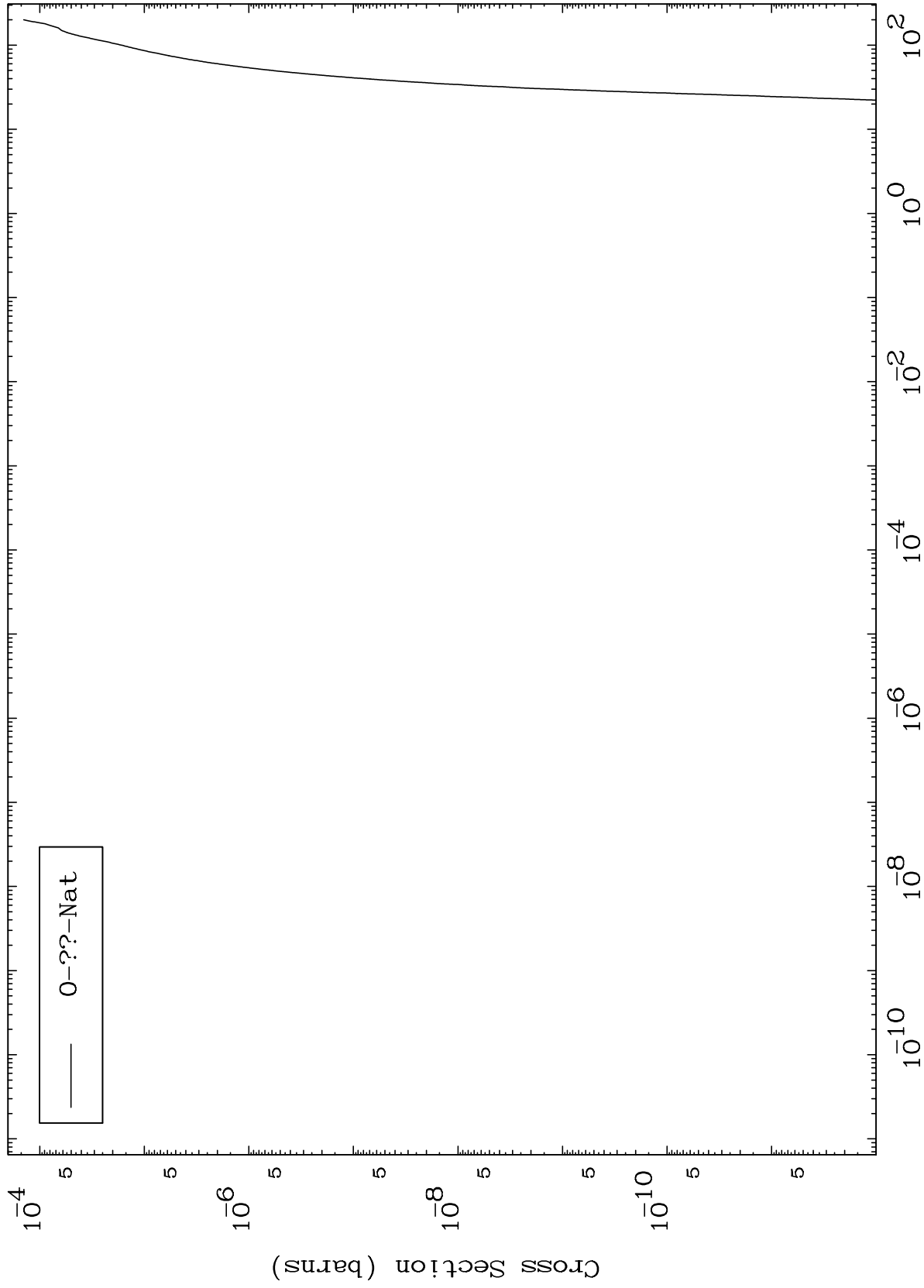
⁷⁹Au-200

MAT 7934

Fission

⁷⁹Au-200

Radionuclide Production Cross Section



128

Incident Energy (MeV)

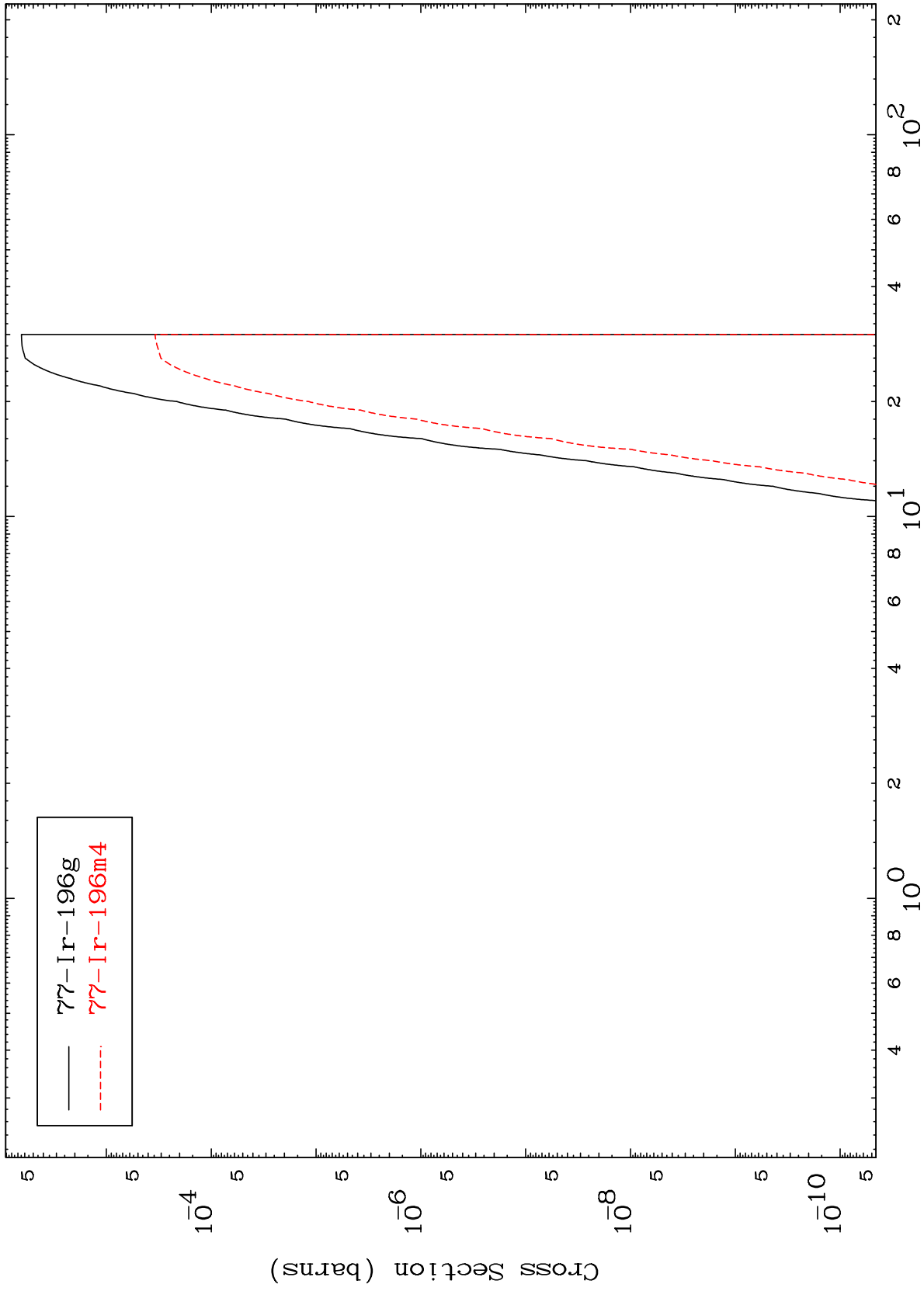
⁷⁹Au-200

MAT 7934

(n,n') α

⁷⁹Au-200

Radionuclide Production Cross Section



129

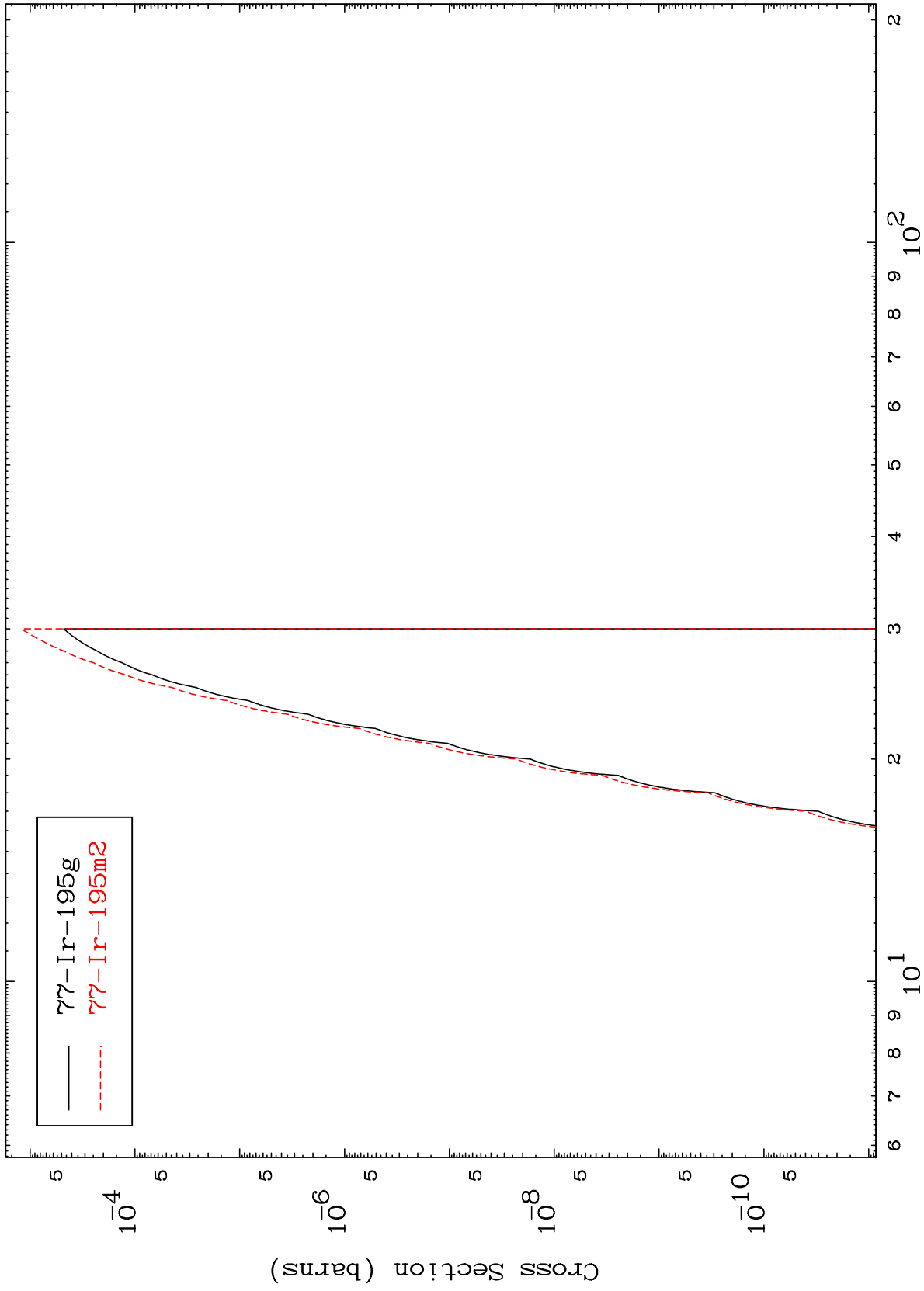
Incident Energy (MeV)

⁷⁹Au-200

MAT 7934

79-Au-200

(n,2n) α
Radionuclide Production Cross Section



130

Incident Energy (MeV)

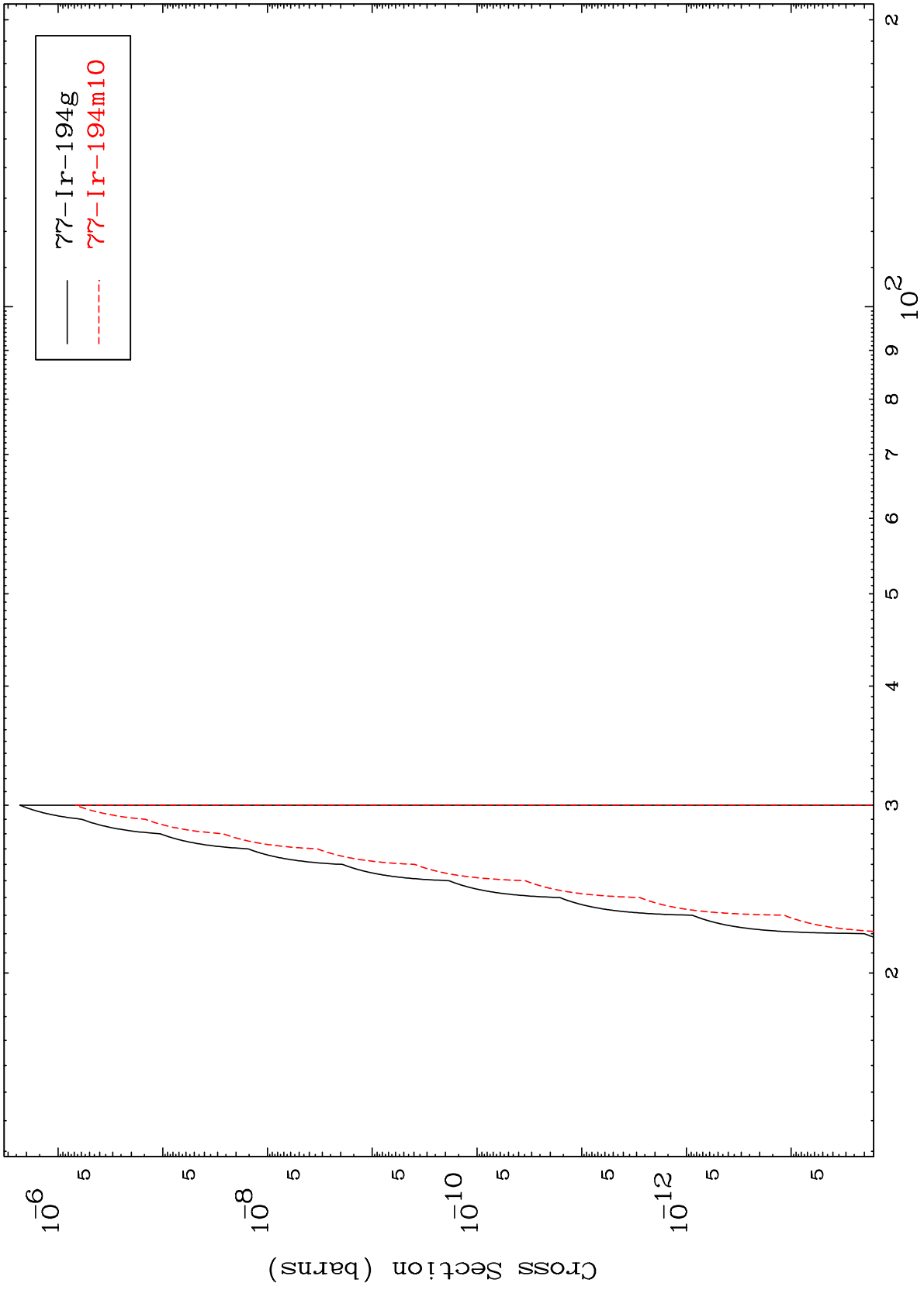
79-Au-200

MAT 7934

(n,3n) α

⁷⁹Au-200

Radionuclide Production Cross Section



131

Incident Energy (MeV)

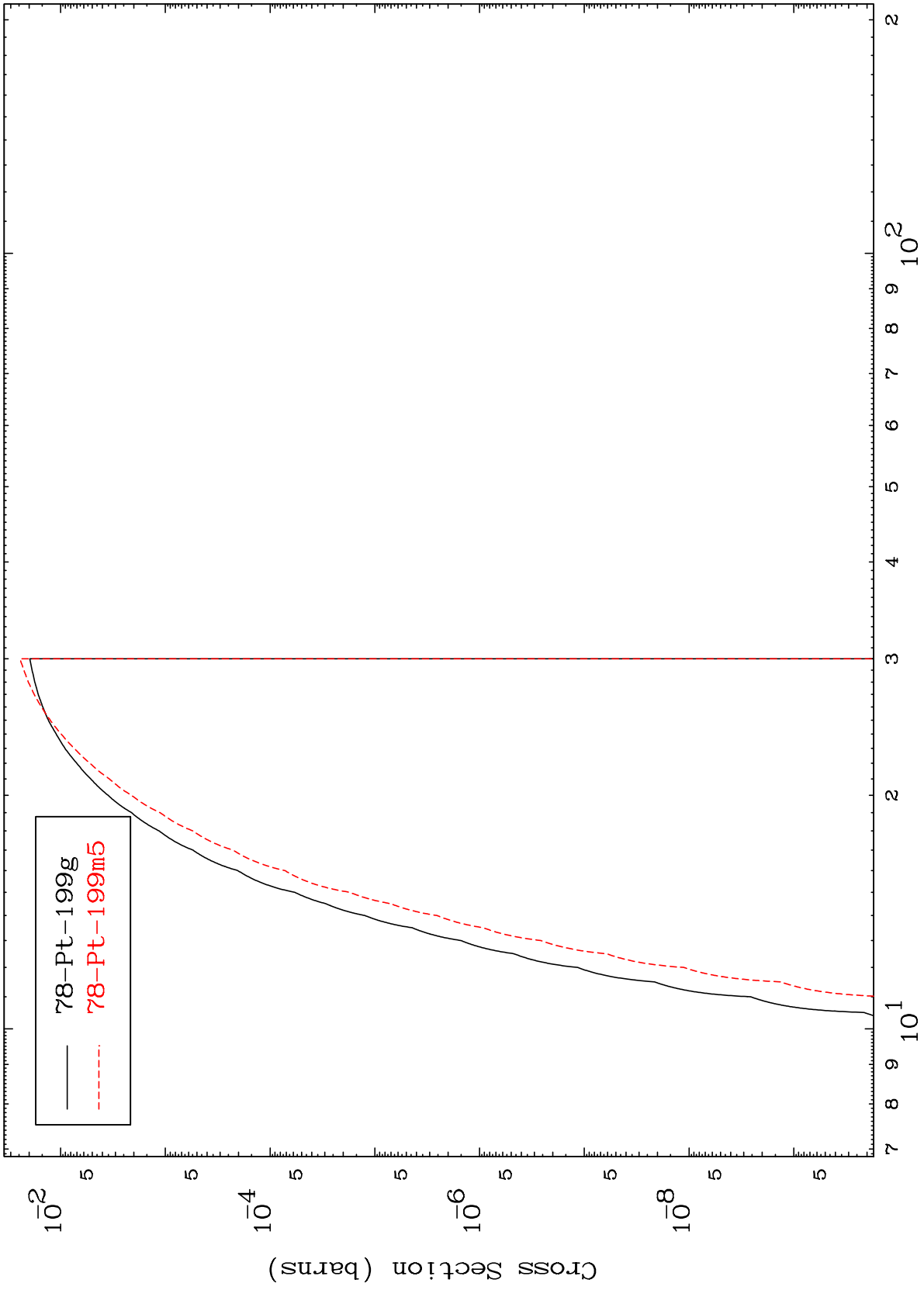
⁷⁹Au-200

MAT 7934

(n,n') p

⁷⁹Au-200

Radionuclide Production Cross Section



132

Incident Energy (MeV)

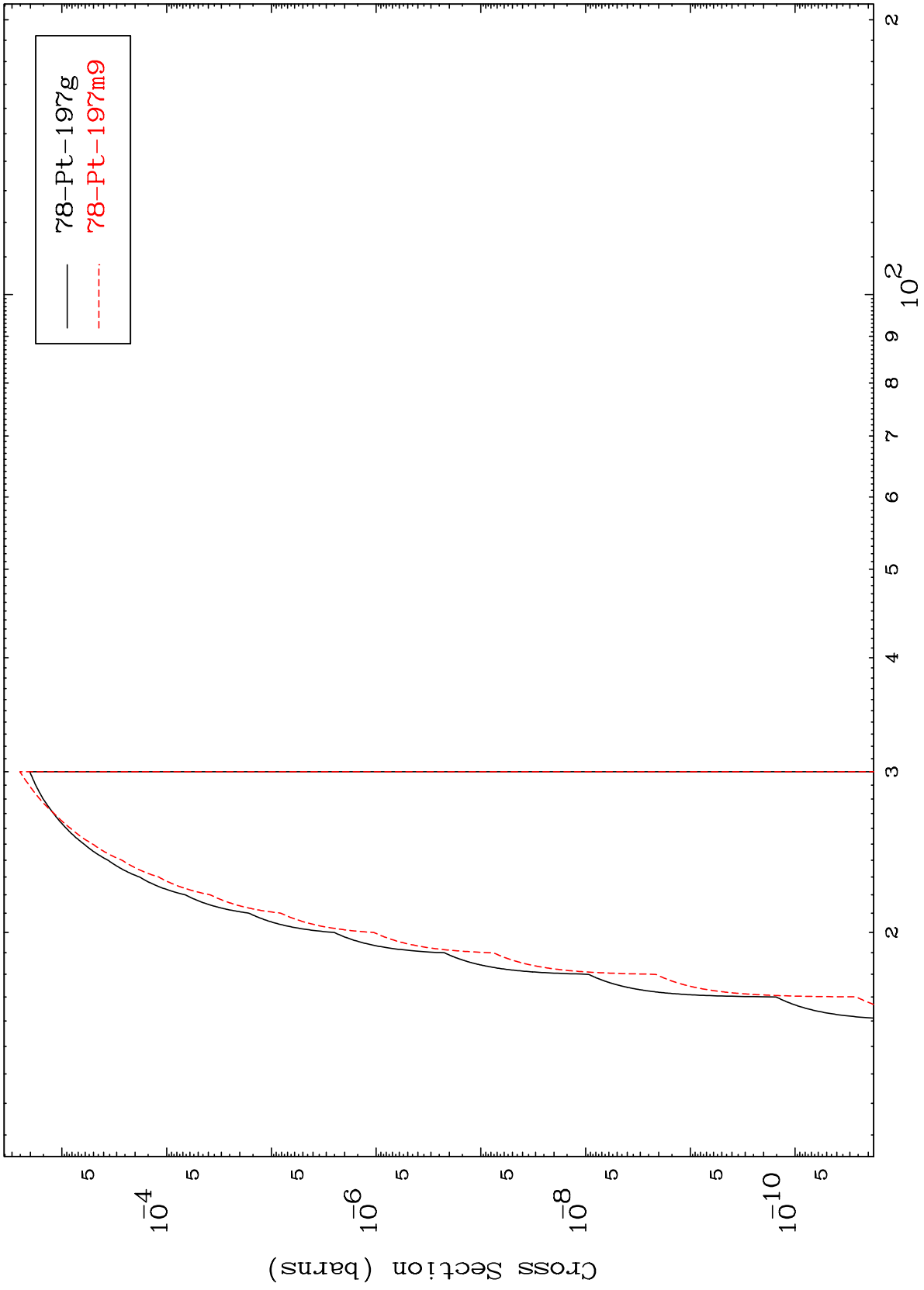
⁷⁹Au-200

MAT 7934

(n,n') t

79-Au-200

Radionuclide Production Cross Section



133

Incident Energy (MeV)

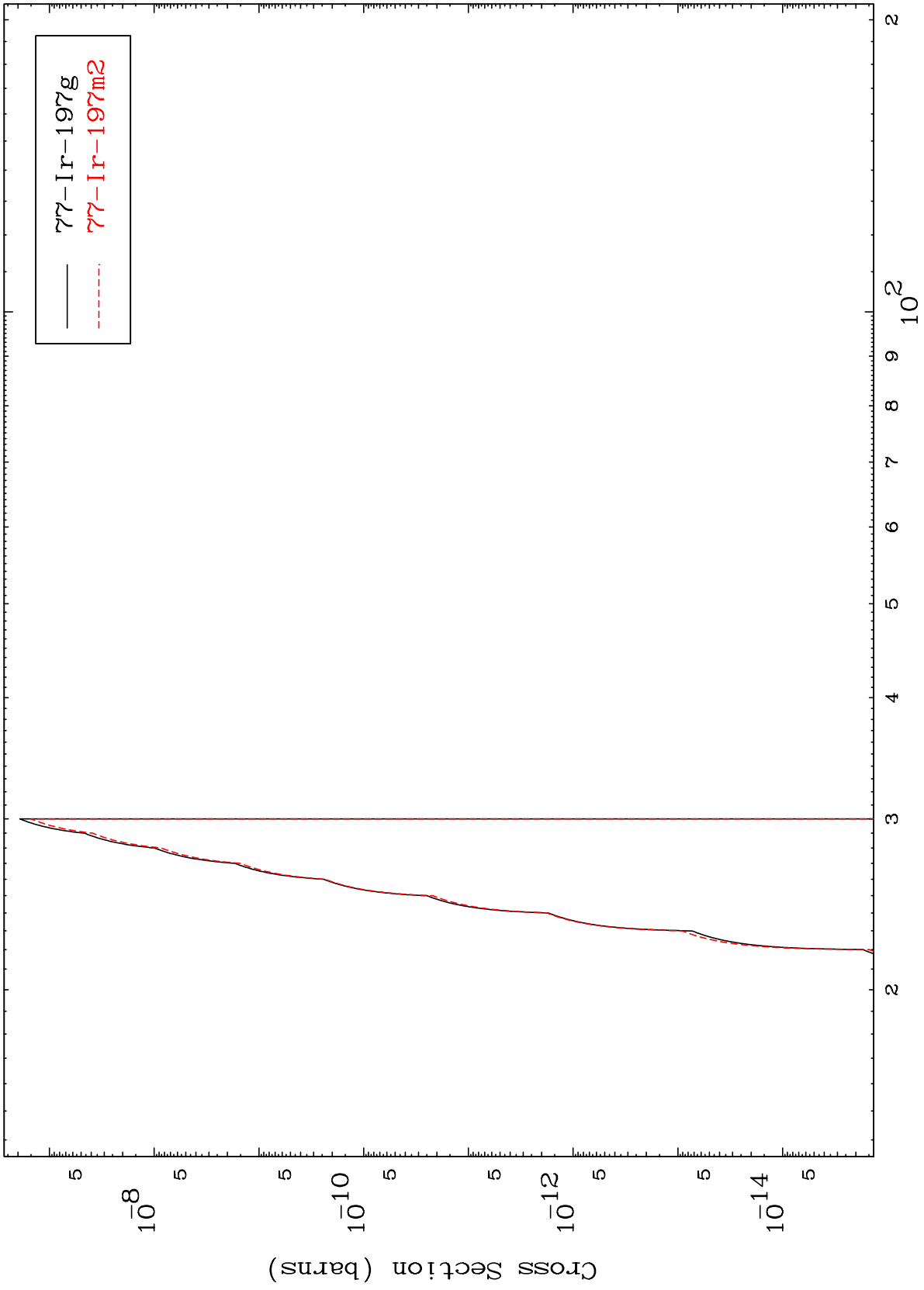
79-Au-200

MAT 7934

(n, n') He-3

79-Au-200

Radionuclide Production Cross Section



134

Incident Energy (MeV)

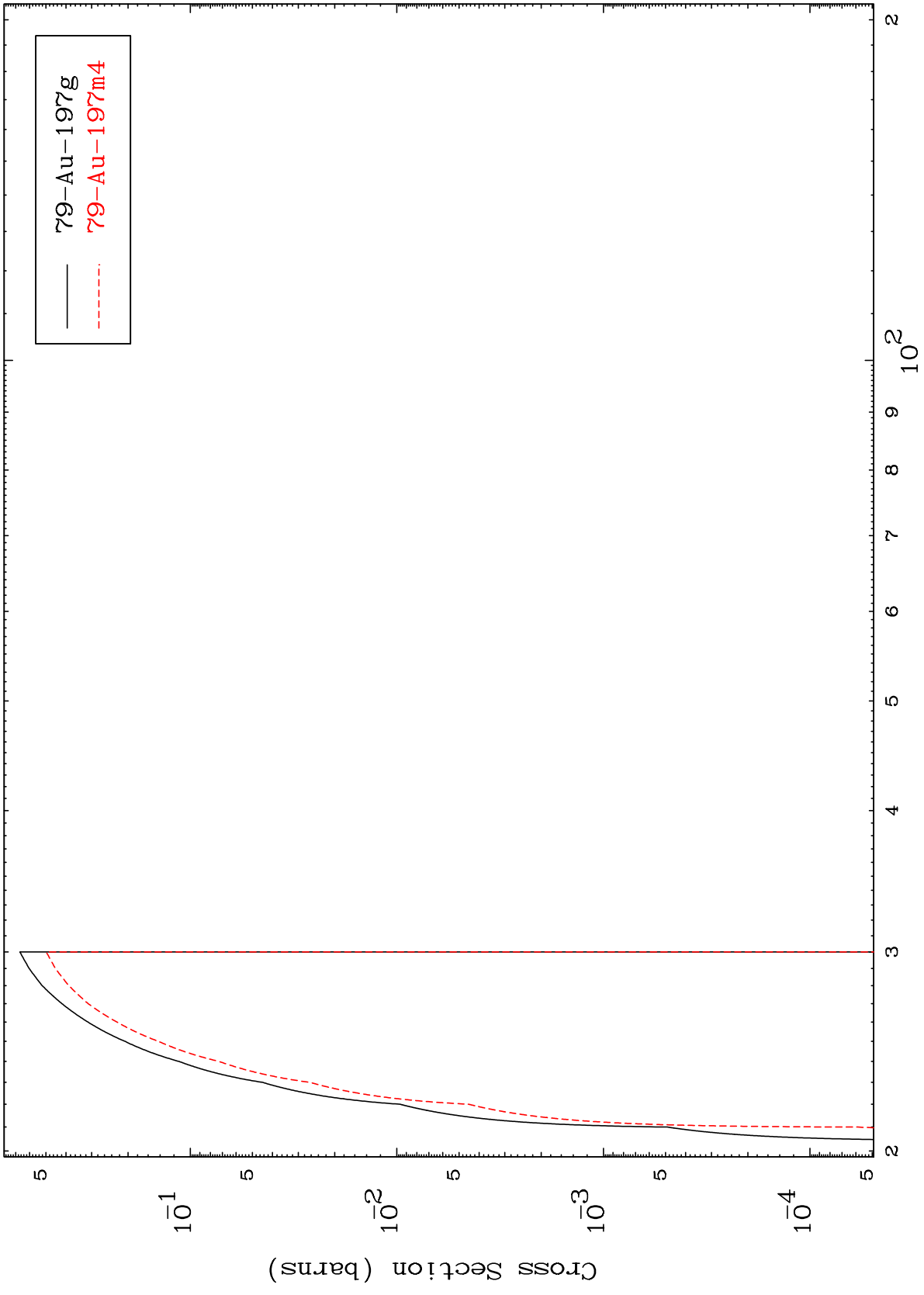
79-Au-200

MAT 7934

(n,4n)

⁷⁹Au-200

Radionuclide Production Cross Section



135

Incident Energy (MeV)

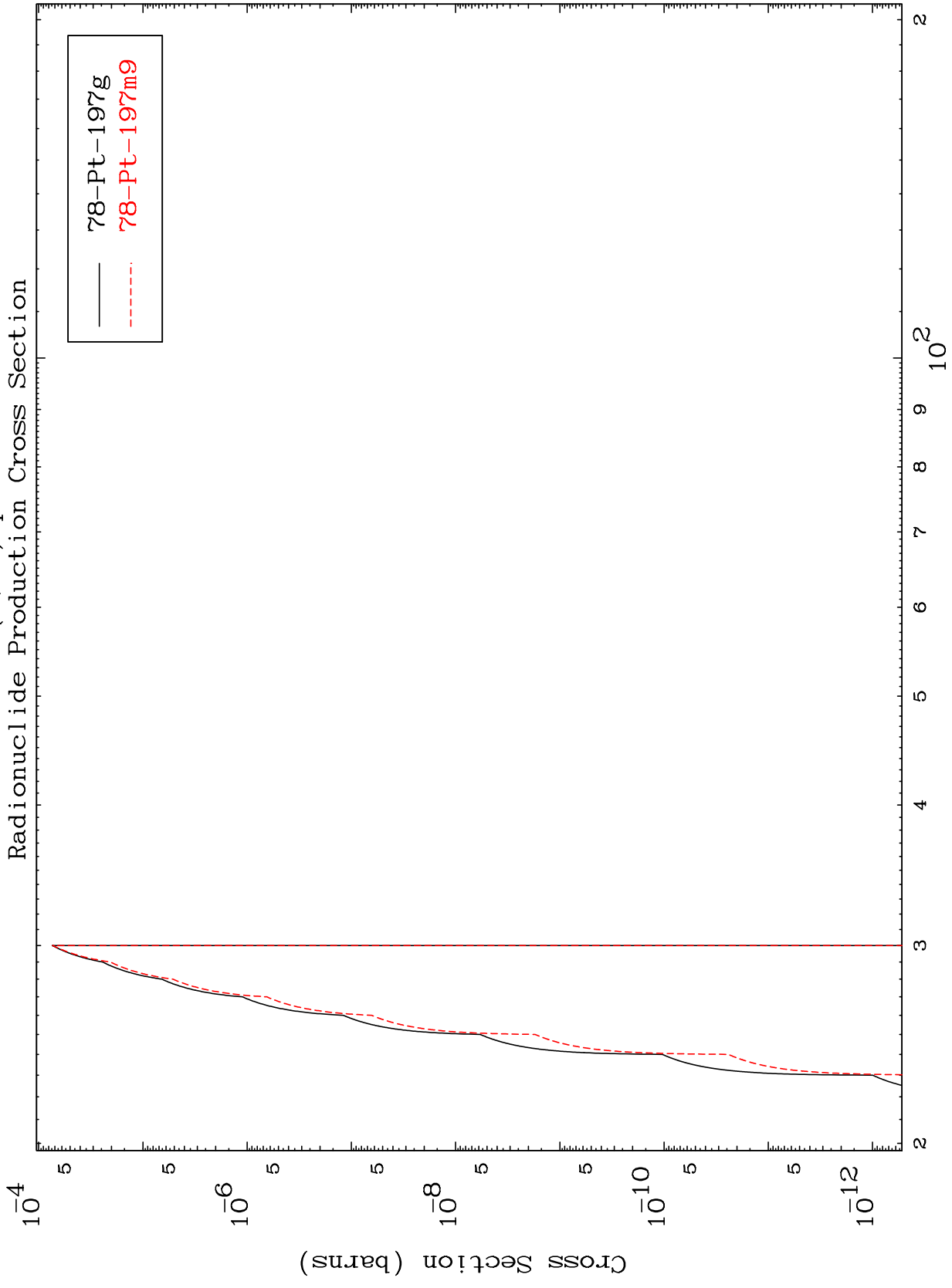
⁷⁹Au-200

MAT 7934

(n,3n) p

Radionuclide Production Cross Section

79-Au-200



79-Au-200

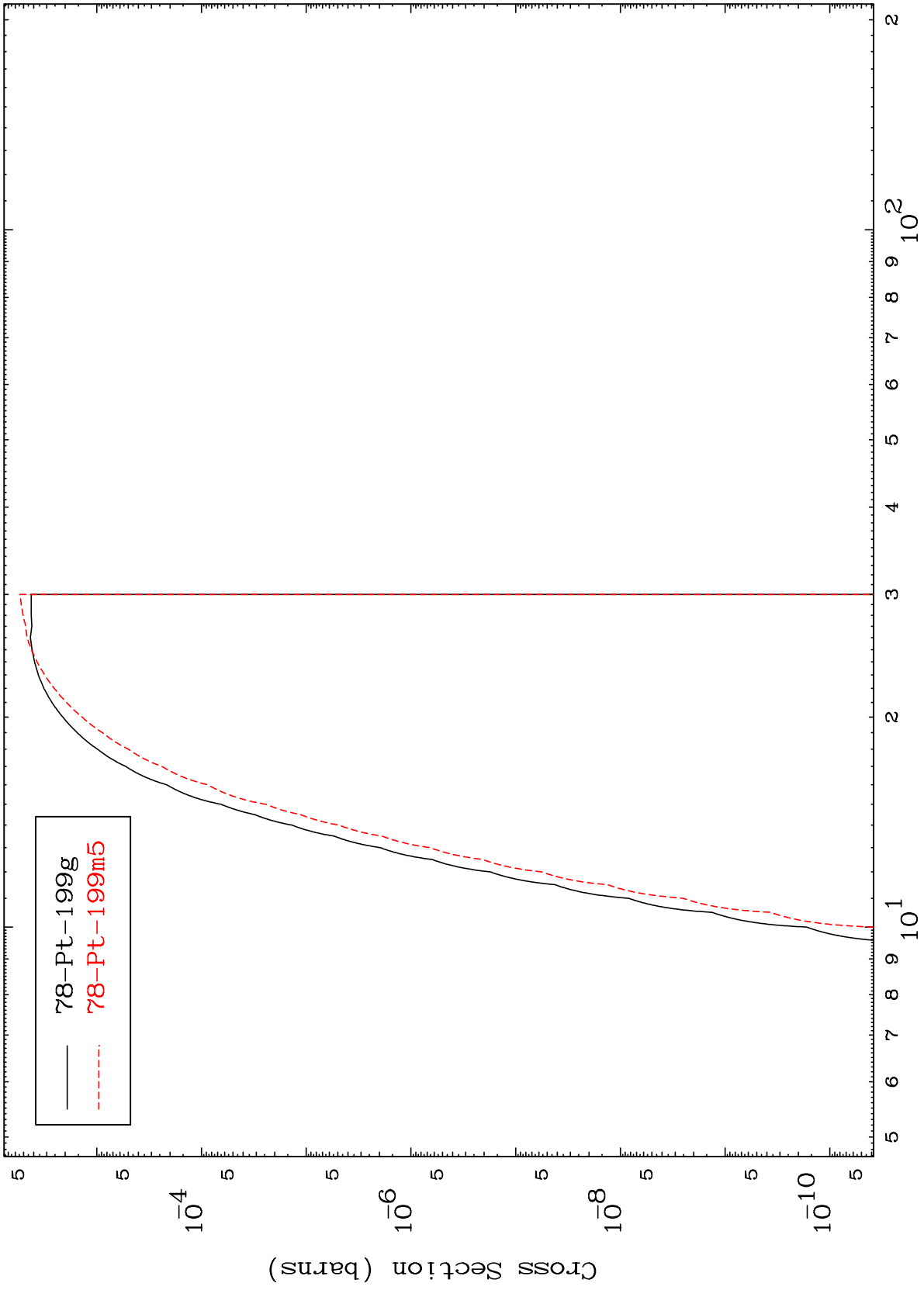
Incident Energy (MeV)

136

MAT 7934

79-Au-200

(n,d)
Radionuclide Production Cross Section



137

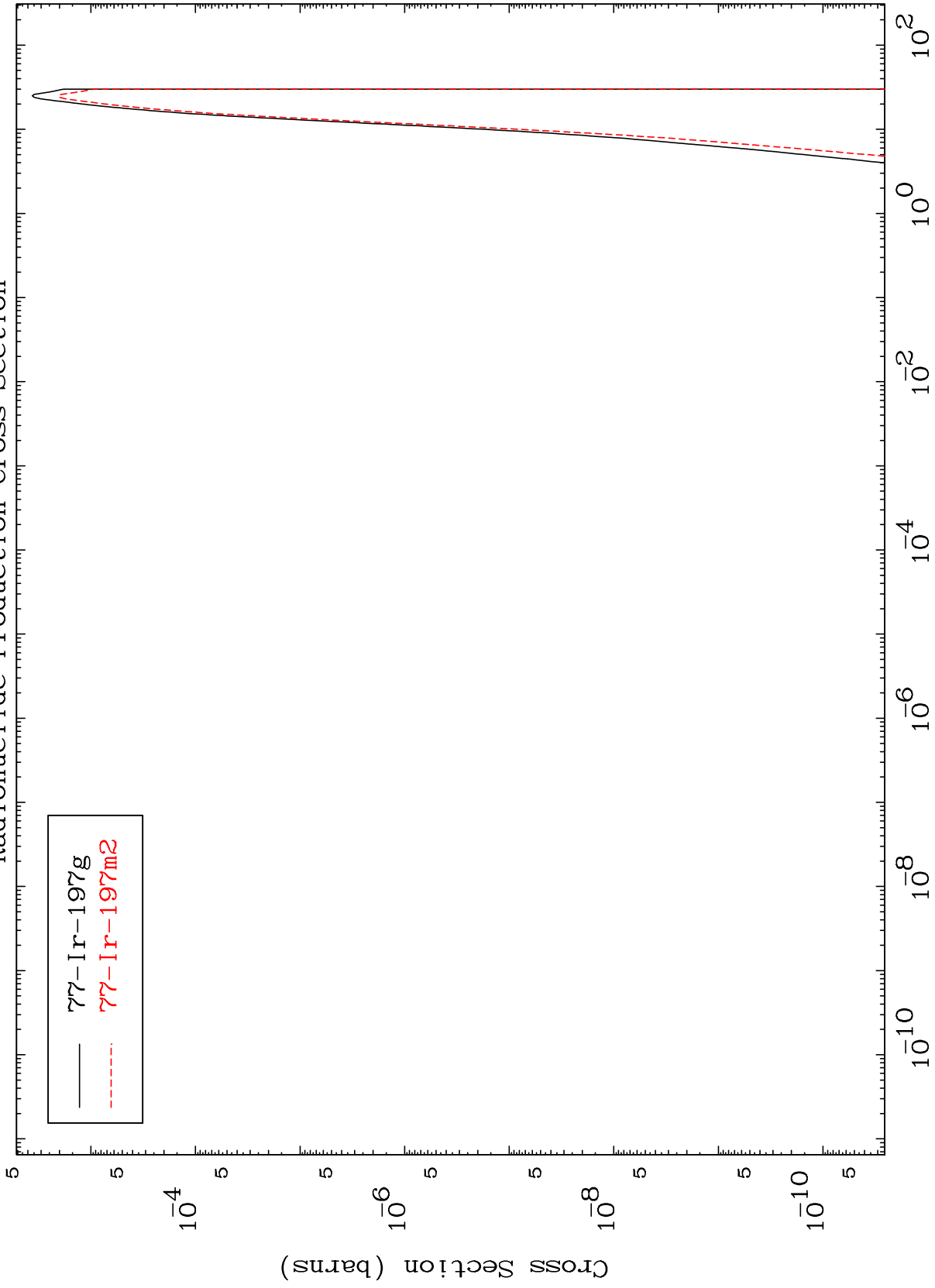
79-Au-200

MAT 7934

(n, α)

⁷⁹Au-200

Radionuclide Production Cross Section



138

Incident Energy (MeV)

⁷⁹Au-200