

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

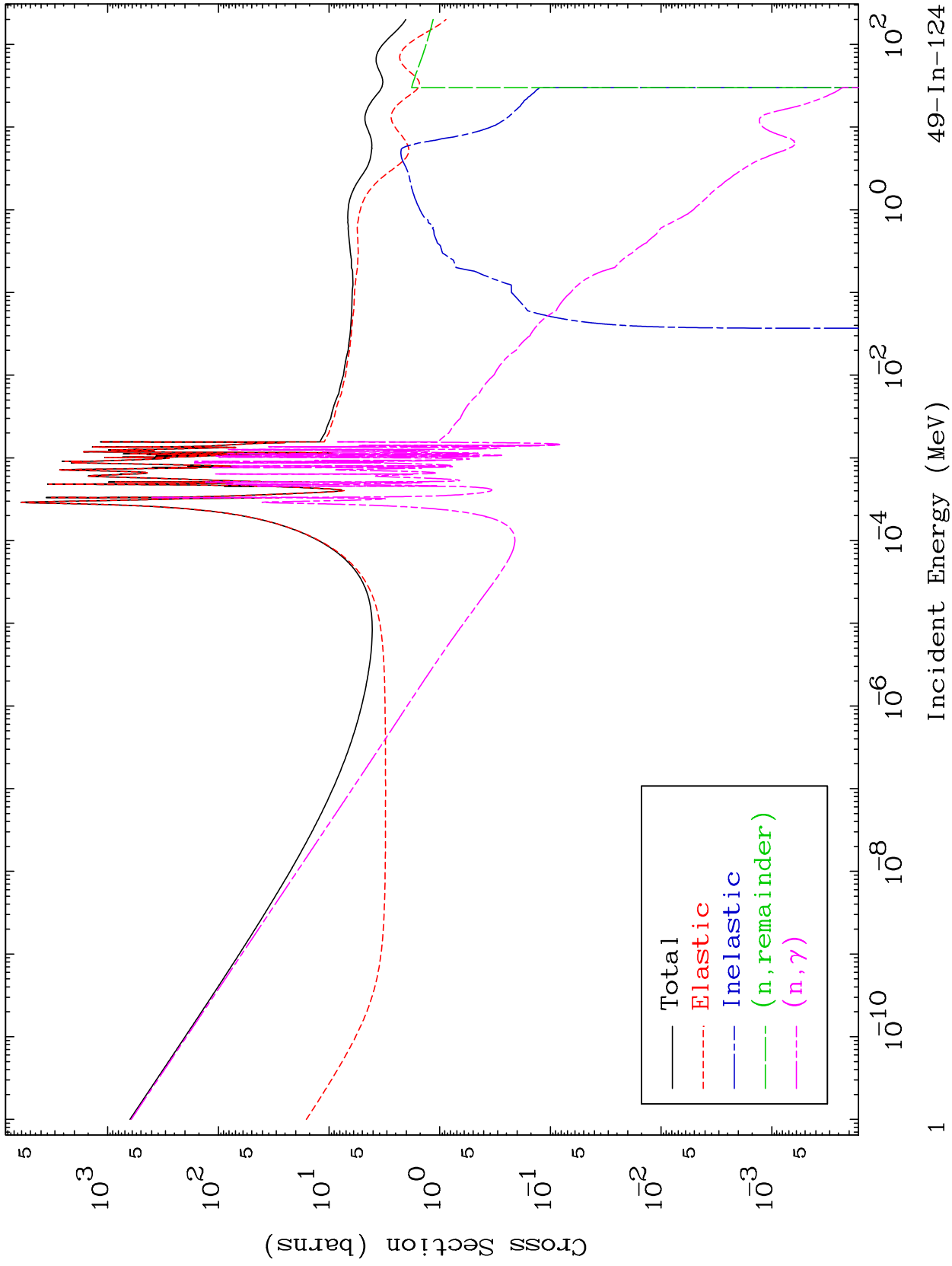
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4958

Major
293 Kelvin Cross Sections

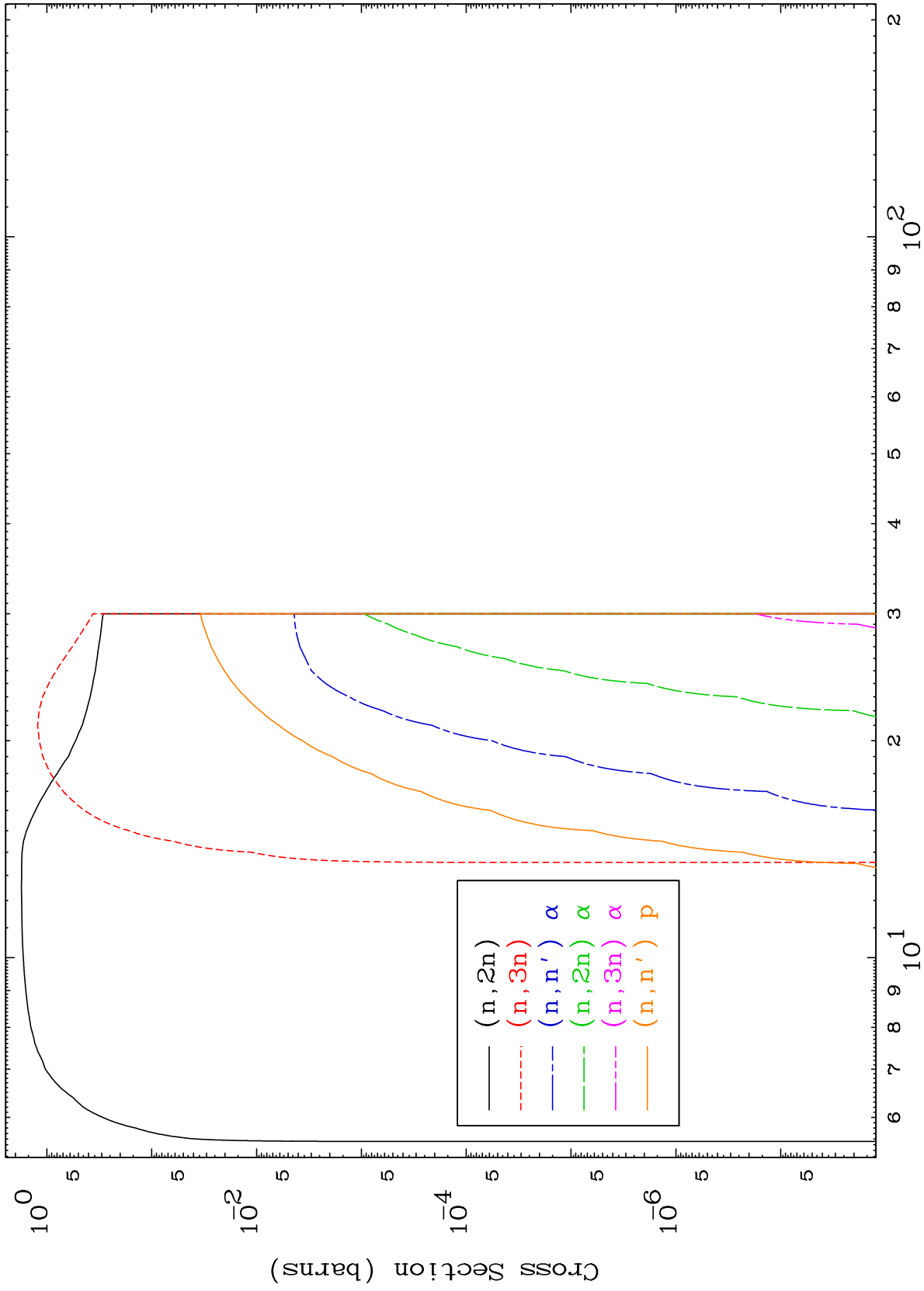
49-In-124



MAT 4958

Neutron Production
293 Kelvin Cross Sections

49-In-124



2

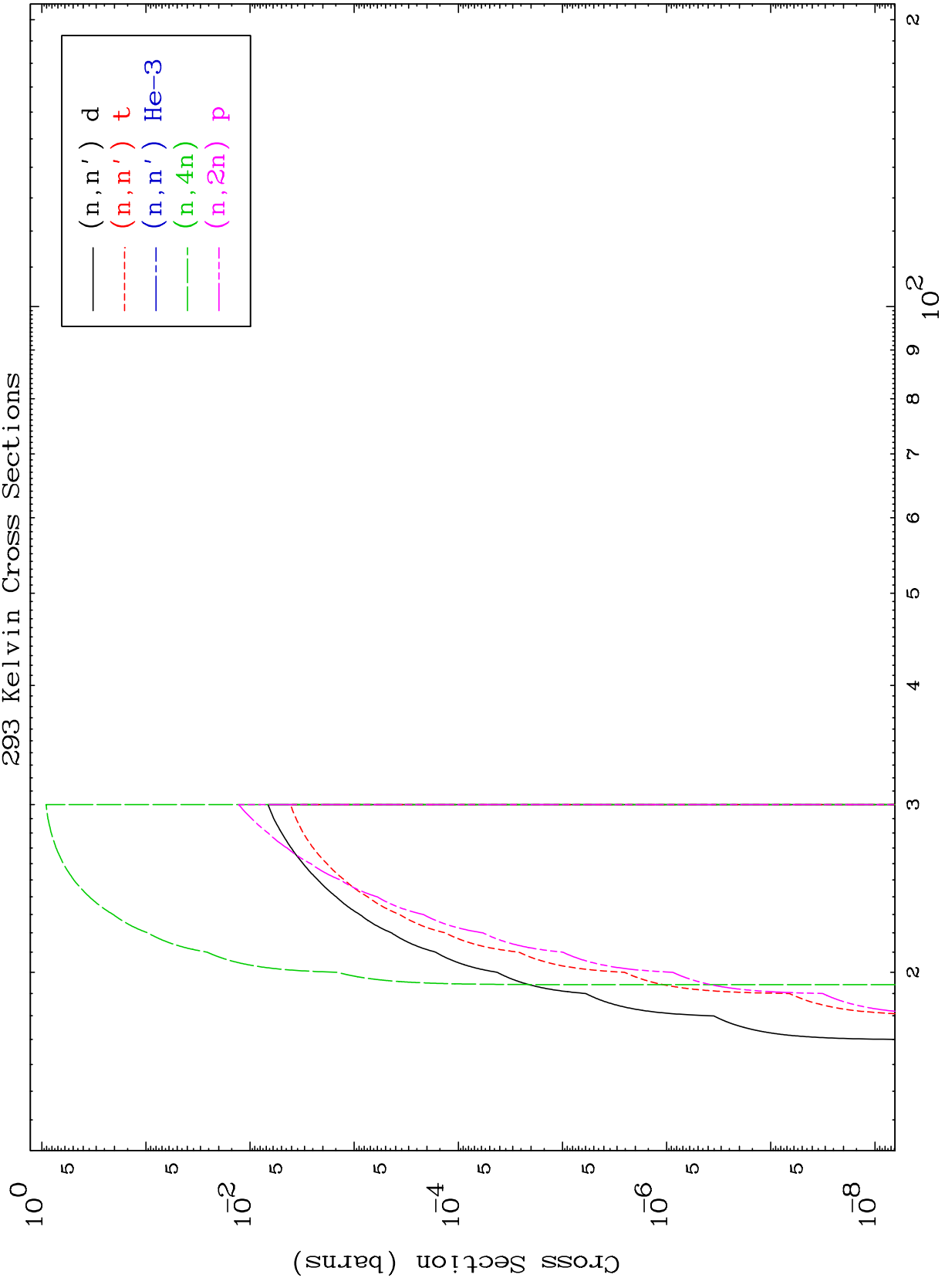
Incident Energy (MeV)

49-In-124

MAT 4958

Neutron Production
293 Kelvin Cross Sections

49-In-124



3

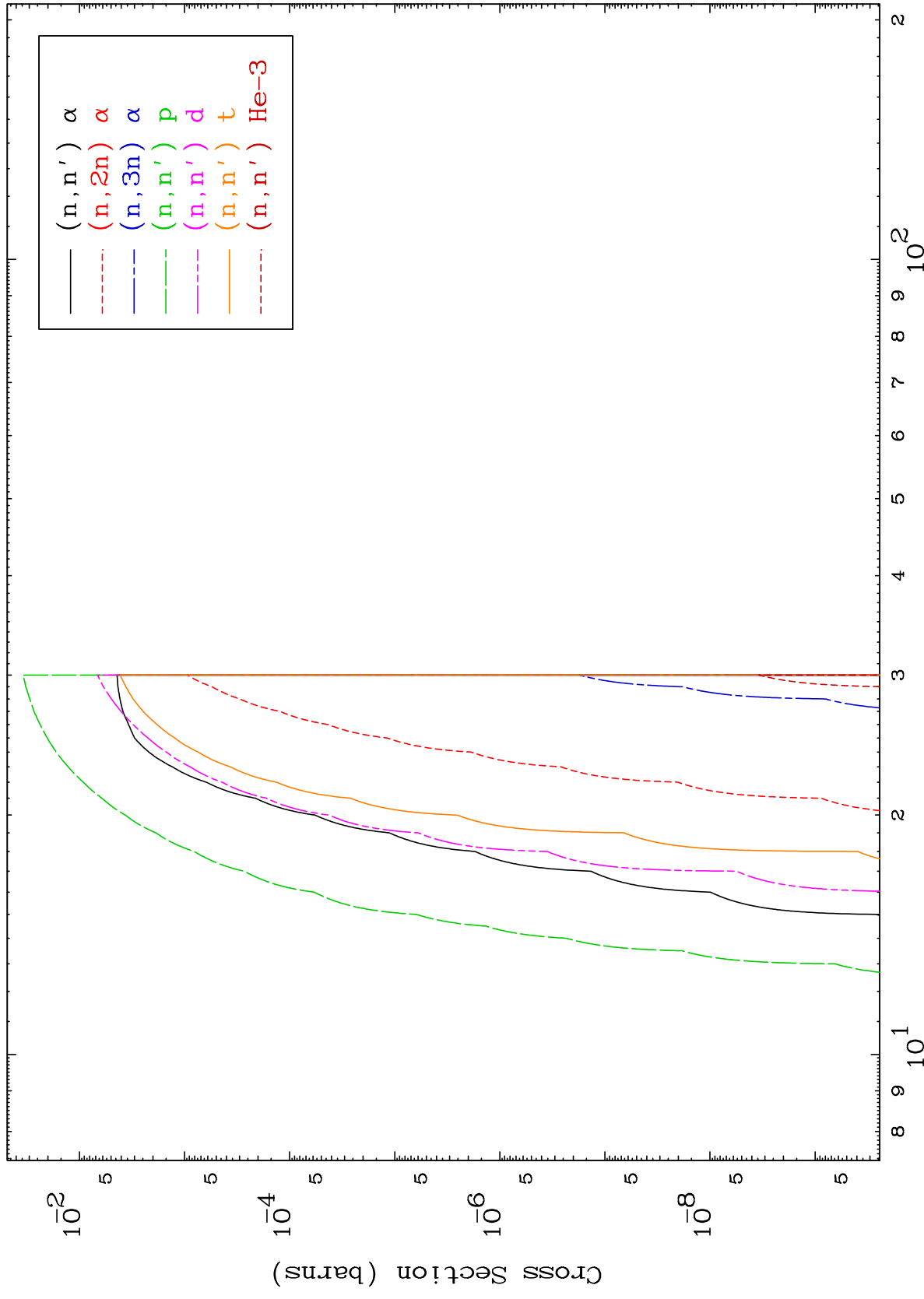
Incident Energy (MeV)

49-In-124

MAT 4958

Charged Particle
293 Kelvin Cross Sections

49-In-124



4

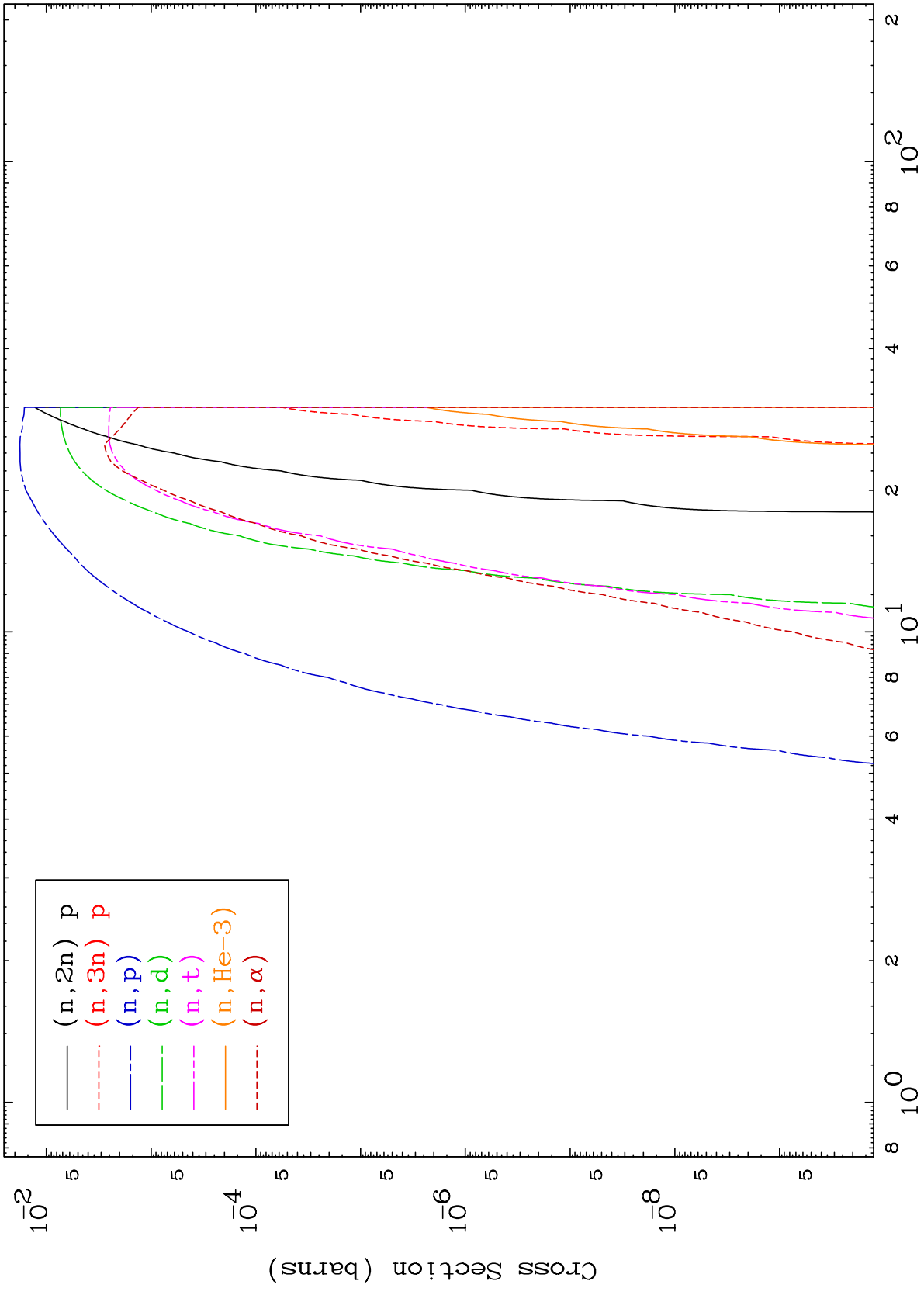
Incident Energy (MeV)

49-In-124

MAT 4958

Charged Particle
293 Kelvin Cross Sections

49-In-124



49-In-124

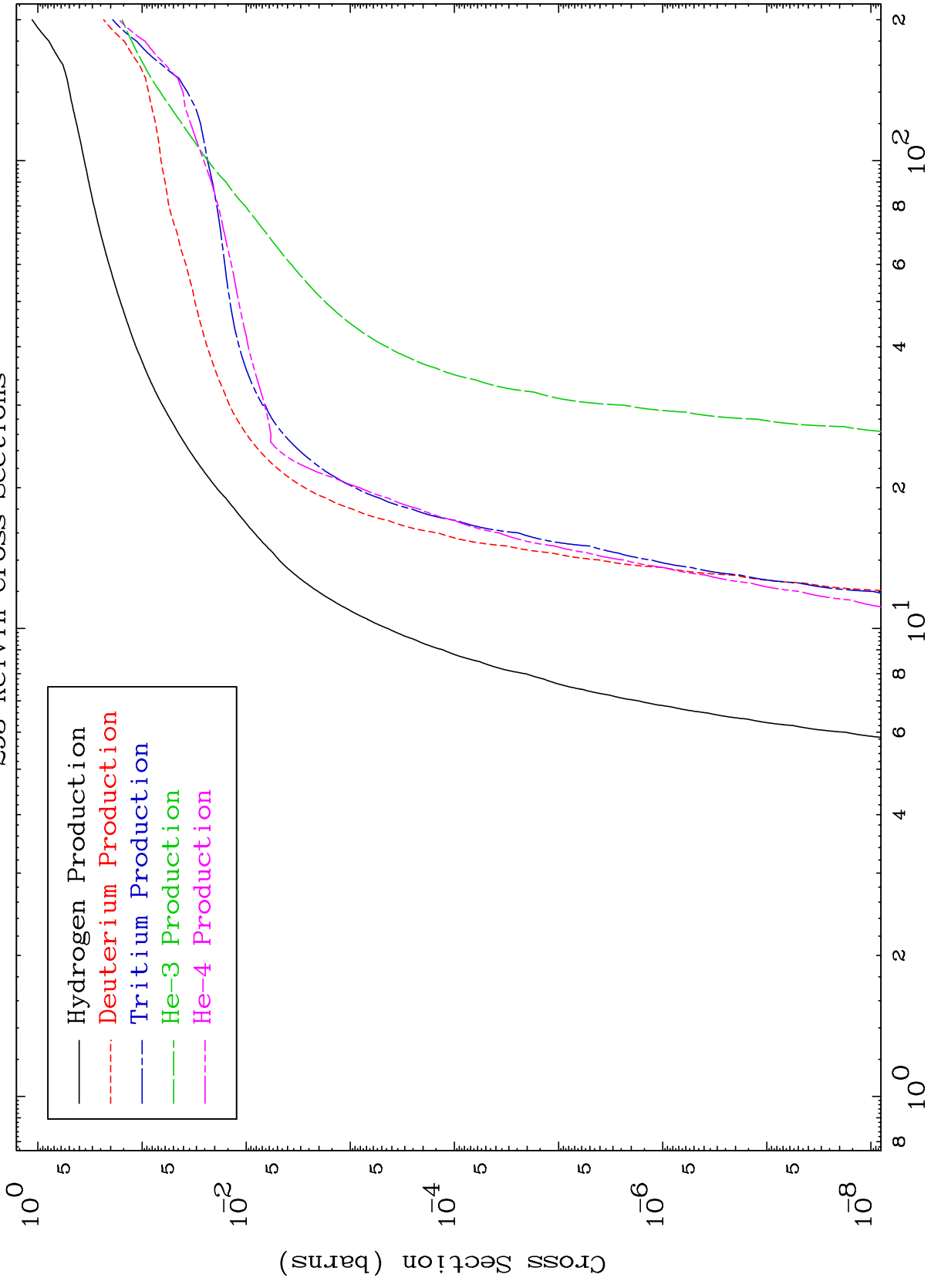
Incident Energy (MeV)

5

MAT 4958

Particle Production
293 Kelvin Cross Sections

49-In-124



6

Incident Energy (MeV)

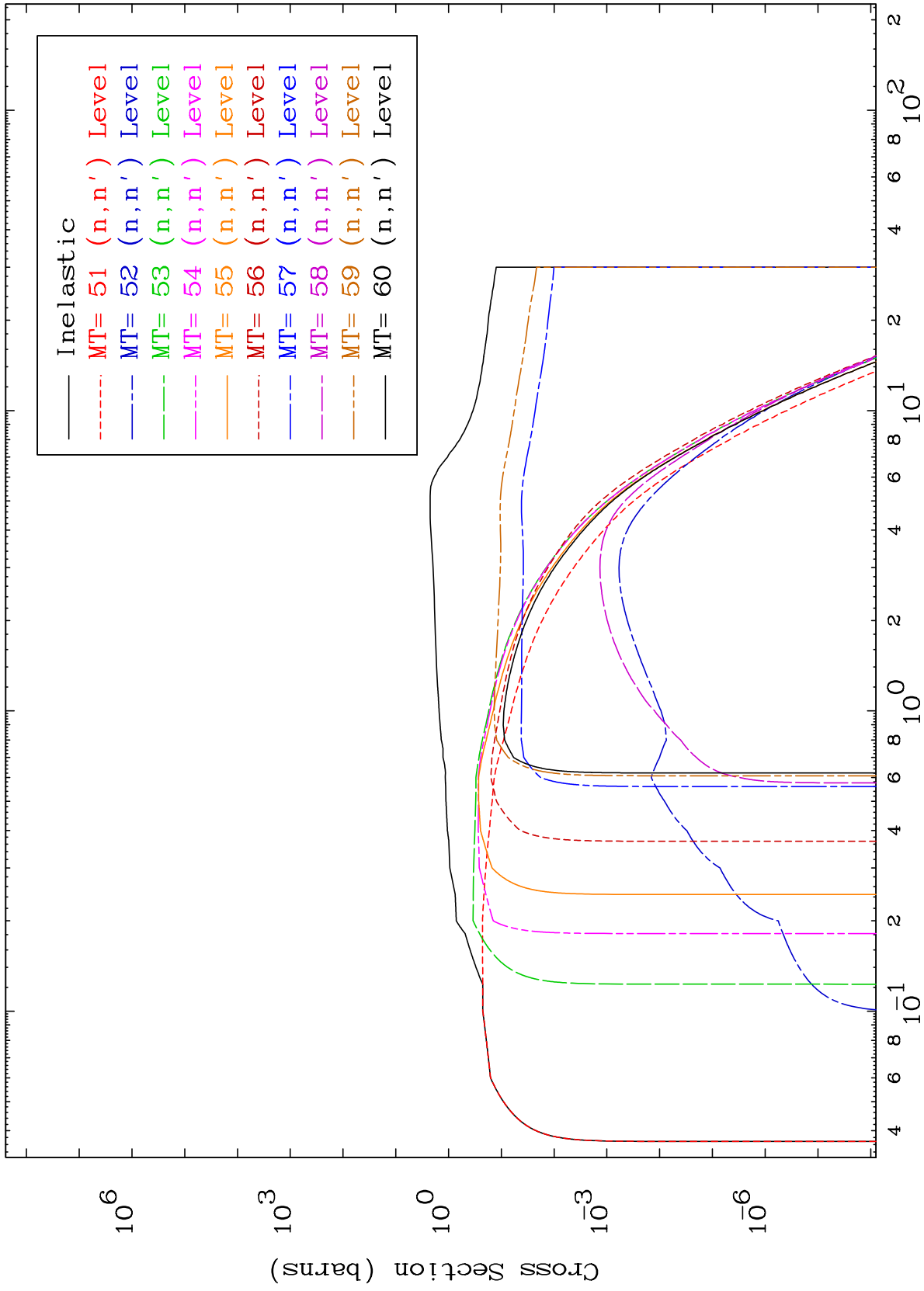
49-In-124

MAT 4958

(n,n') Level

49-In-124

293 Kelvin Cross Sections

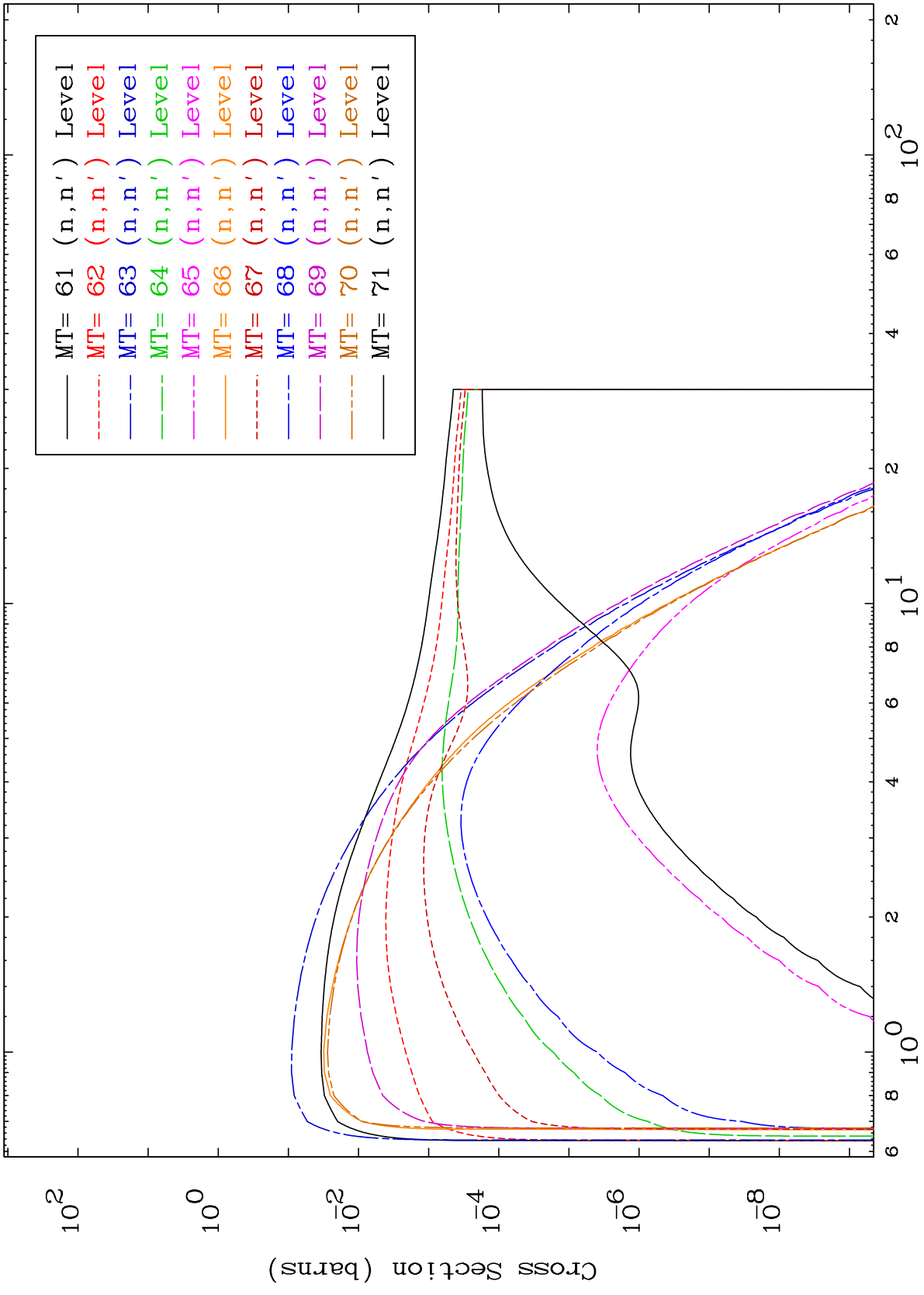


MAT 4958

(n,n') Level

49-In-124

293 Kelvin Cross Sections



8

Incident Energy (MeV)

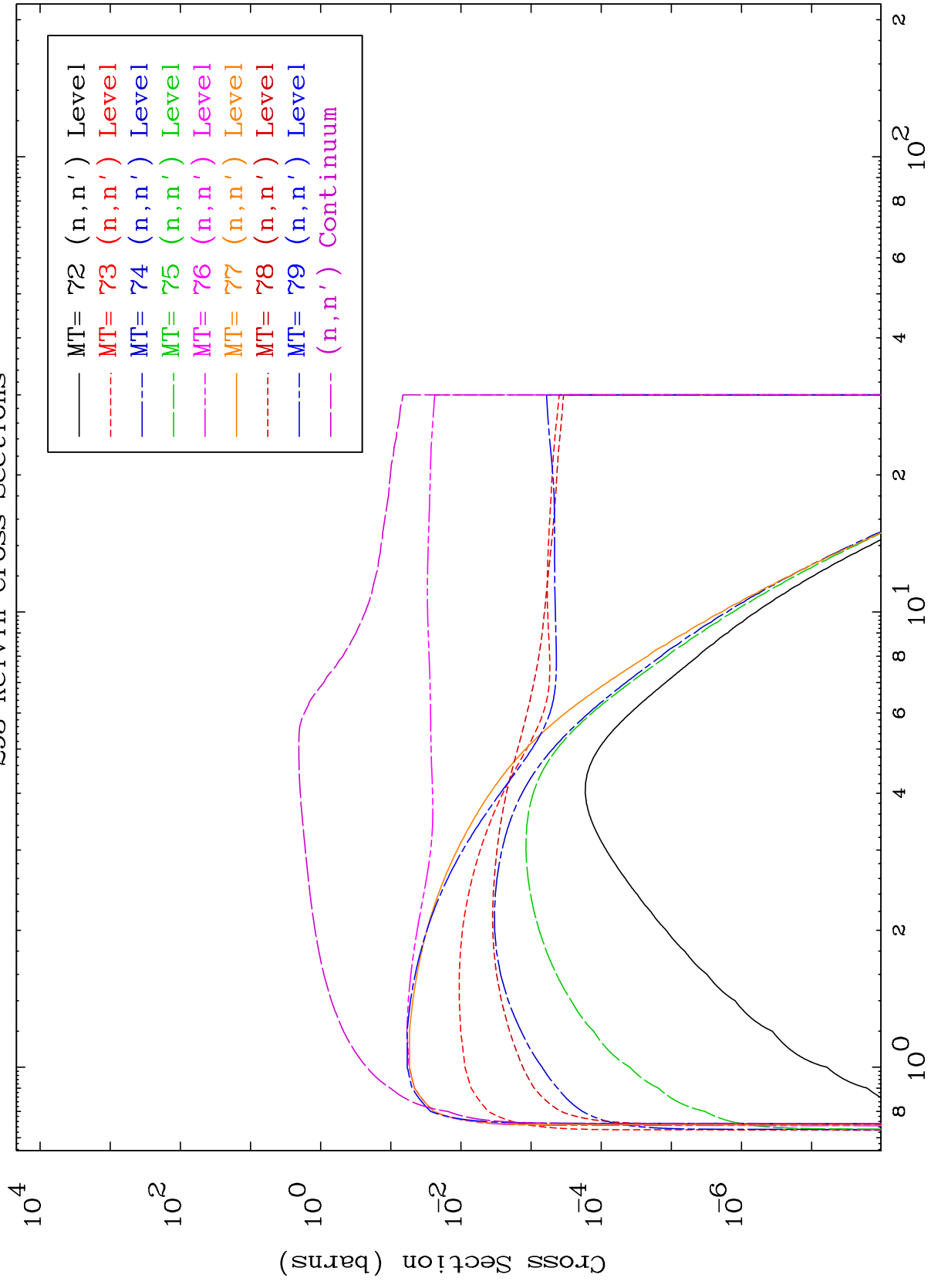
49-In-124

MAT 4958

(n,n') Level

49-In-124

293 Kelvin Cross Sections



9

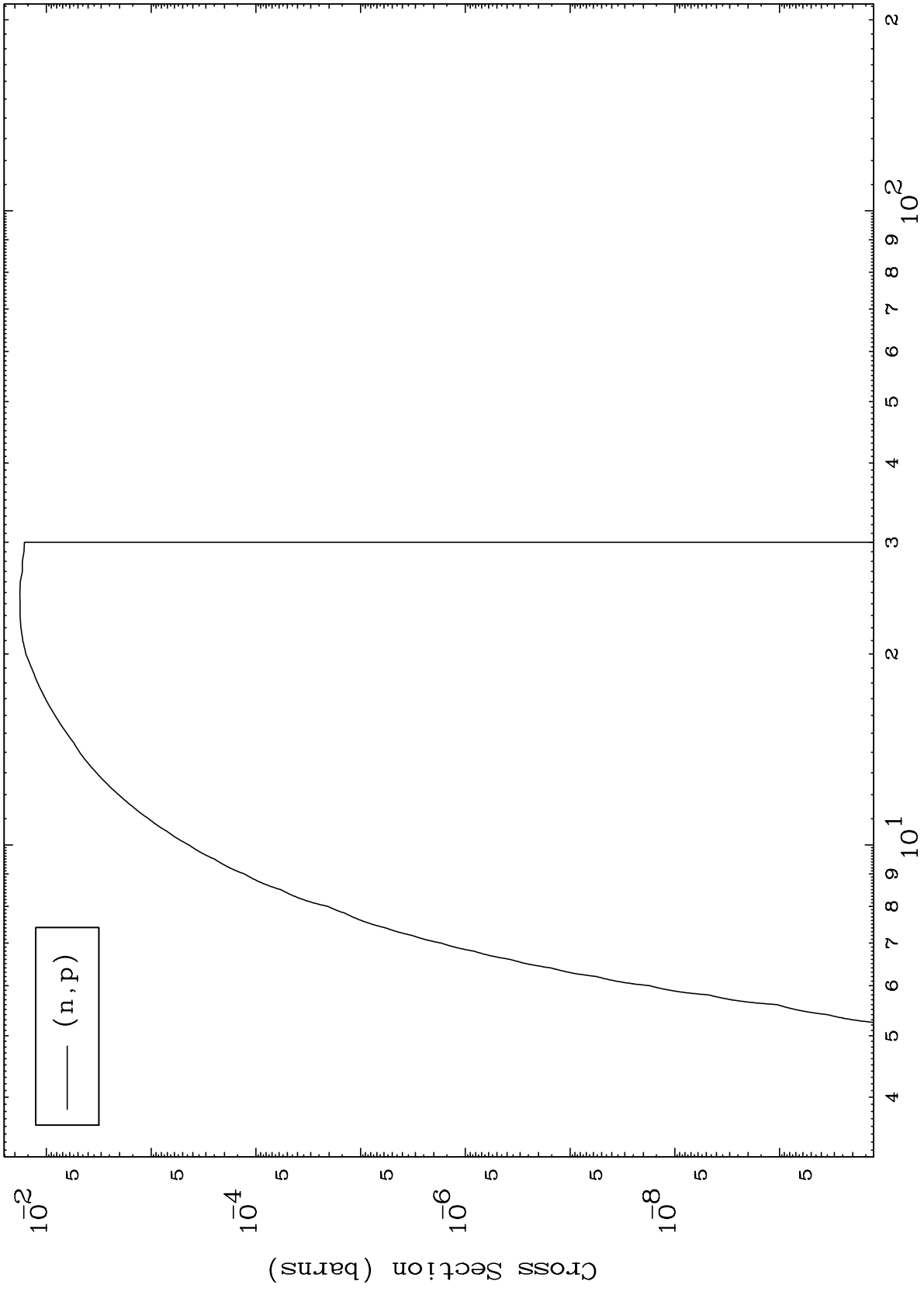
Incident Energy (MeV)

49-In-124

MAT 4958

(n,p) Levels
293 Kelvin Cross Sections

49-In-124



10

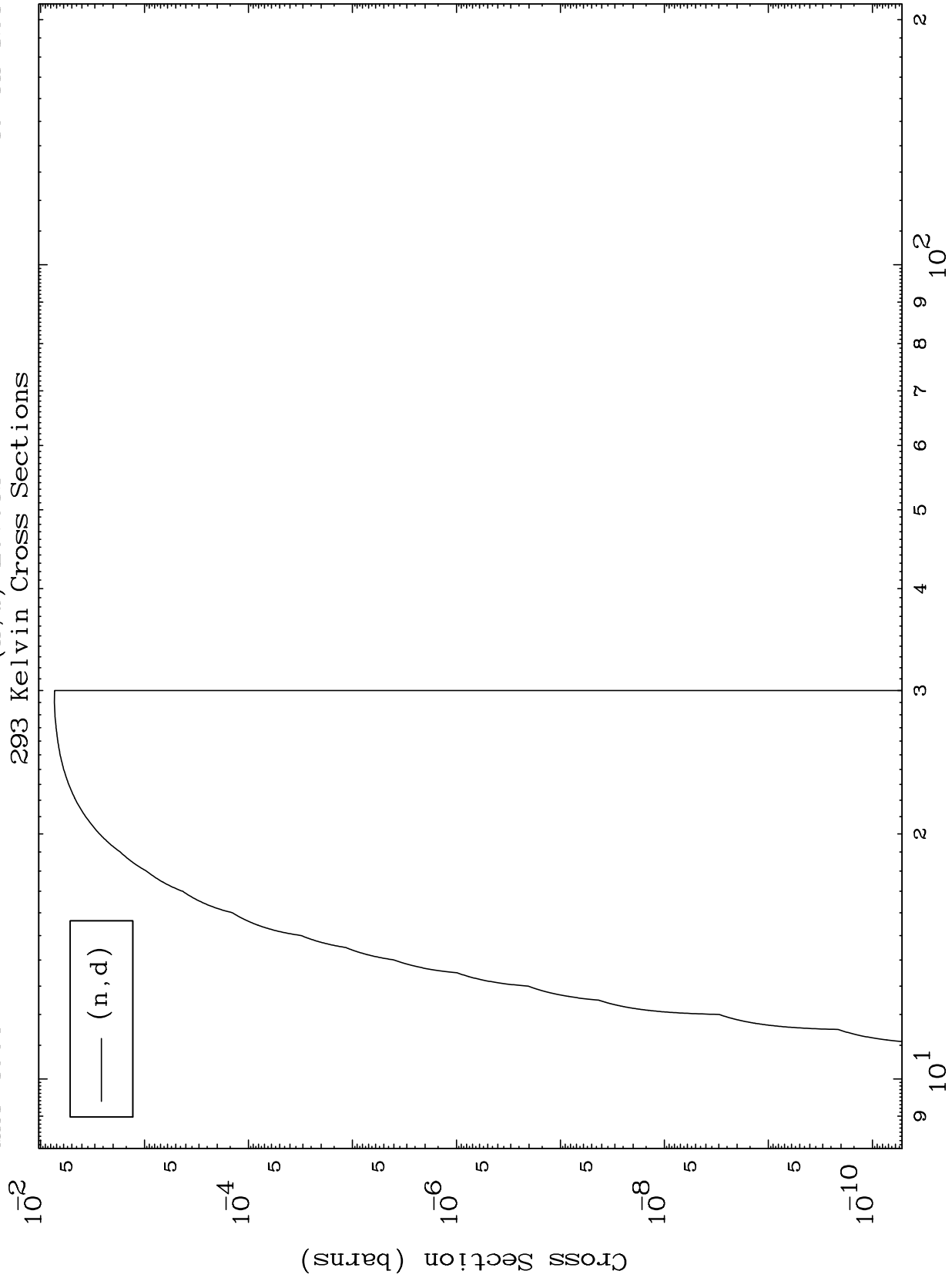
Incident Energy (MeV)

49-In-124

MAT 4958

(n,d) Levels
293 Kelvin Cross Sections

49-In-124



11

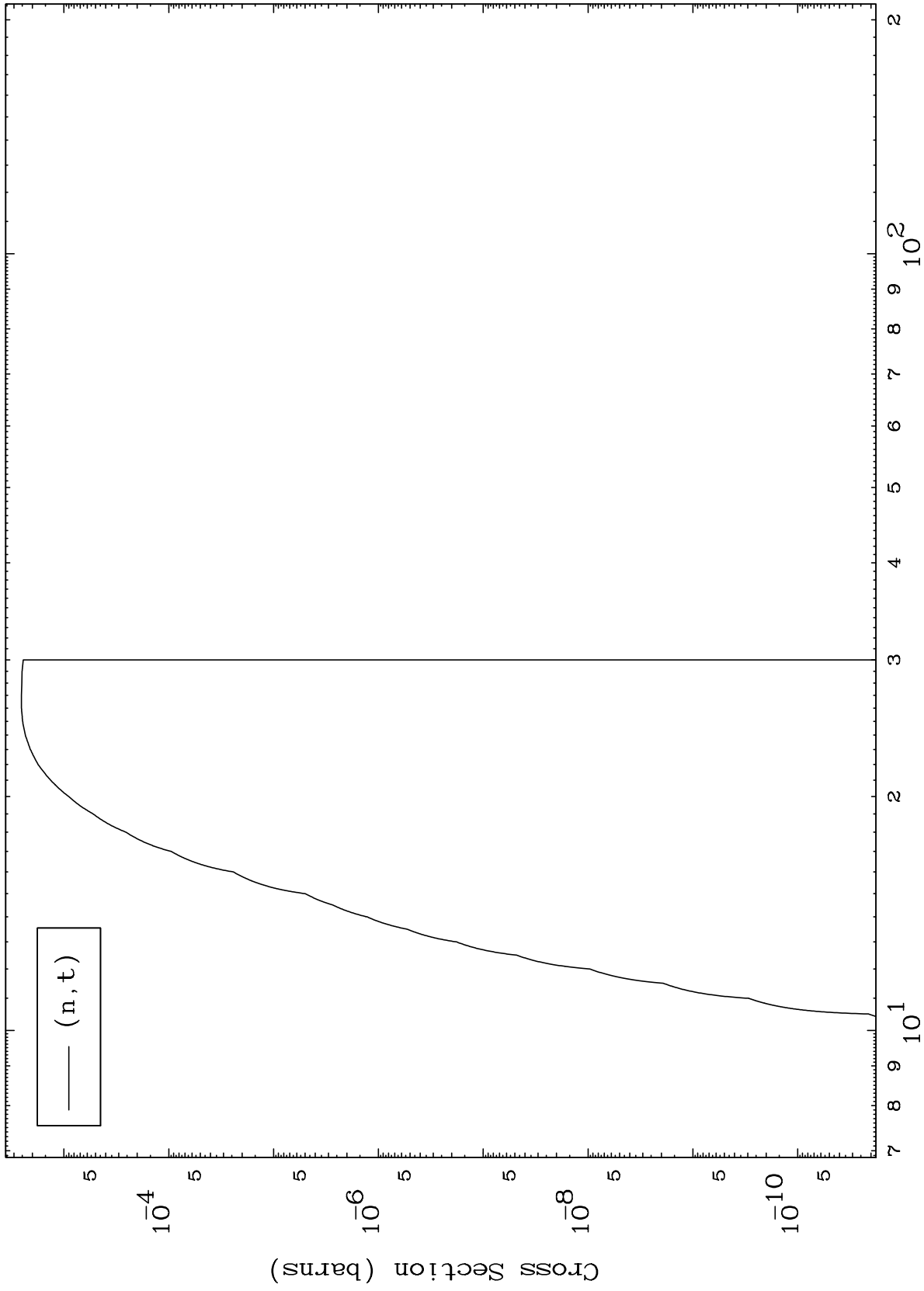
Incident Energy (MeV)

49-In-124

MAT 4958

(n,t) Levels
293 Kelvin Cross Sections

49-In-124



12

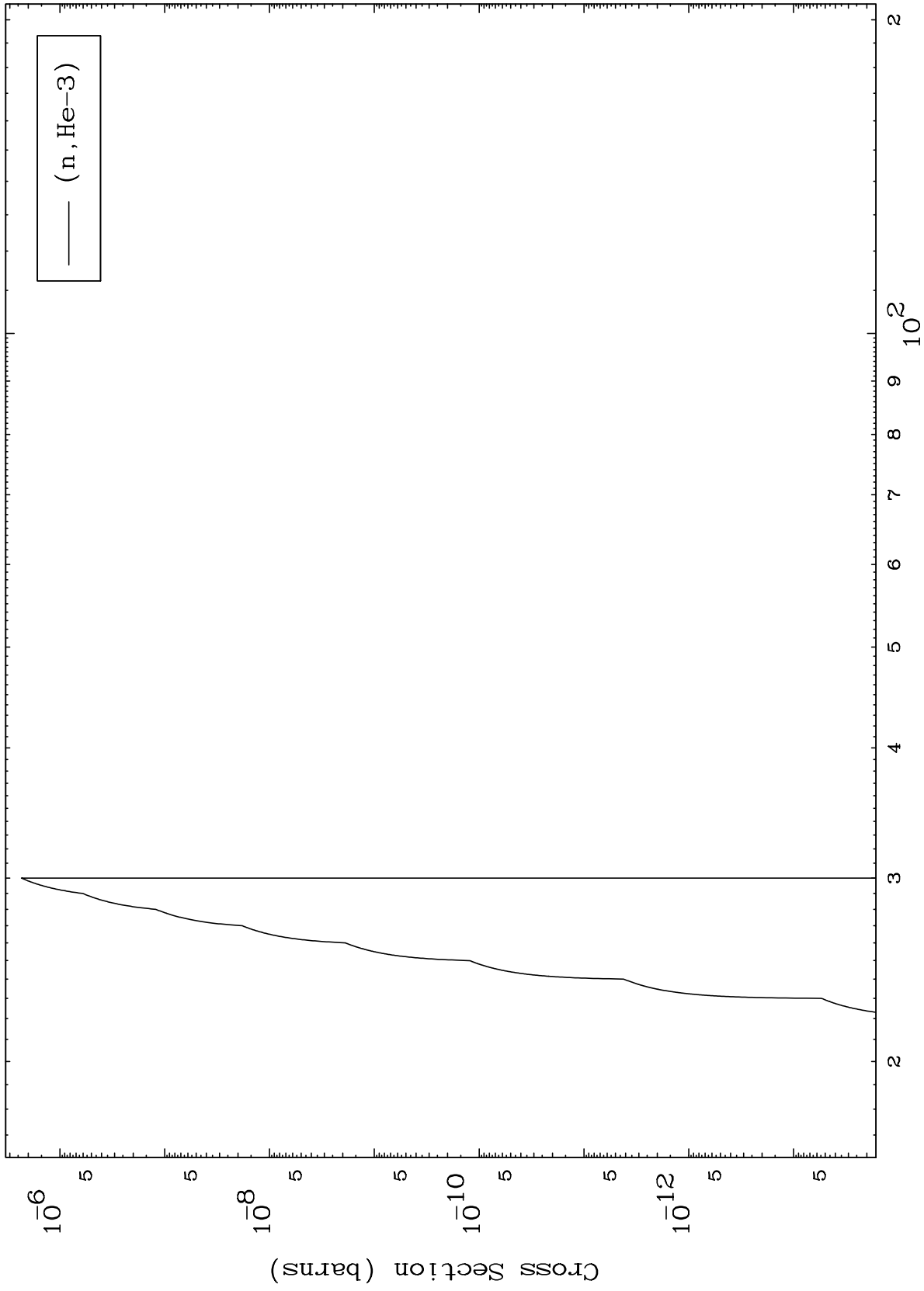
Incident Energy (MeV)

49-In-124

MAT 4958

(n,He3) Levels
293 Kelvin Cross Sections

49-In-124



13

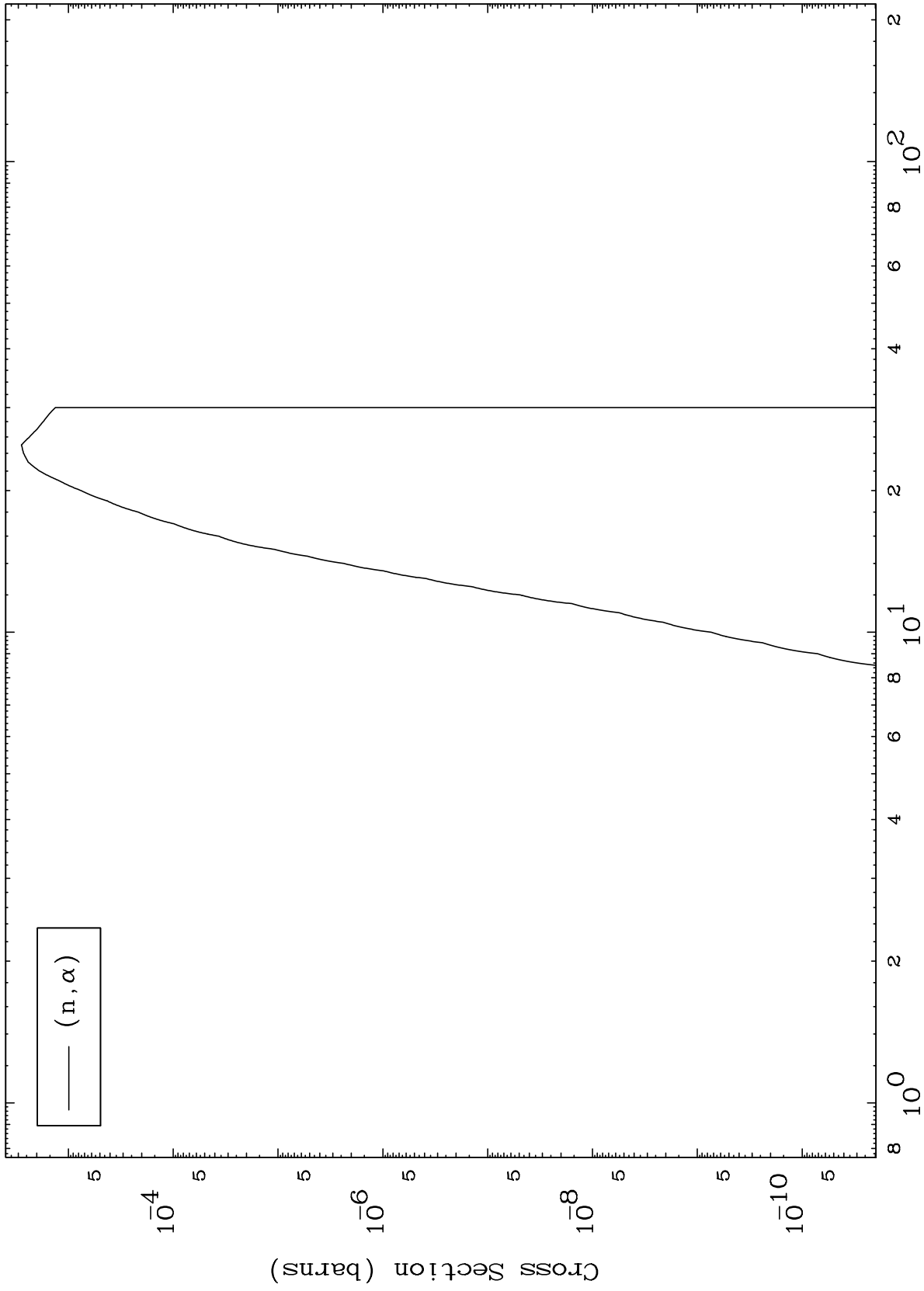
Incident Energy (MeV)

49-In-124

MAT 4958

(n,α) Levels
293 Kelvin Cross Sections

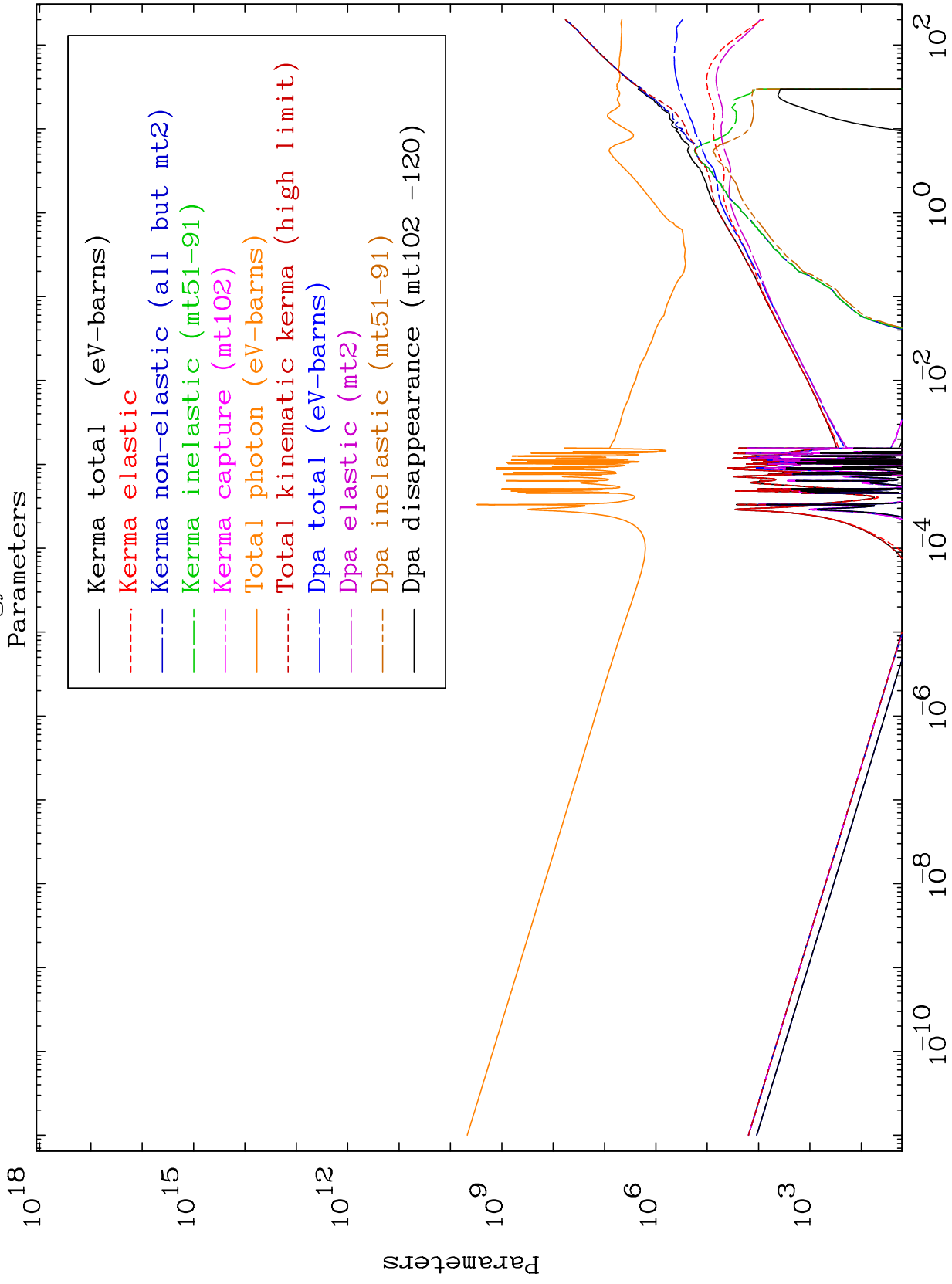
49-In-124



14

Incident Energy (MeV)

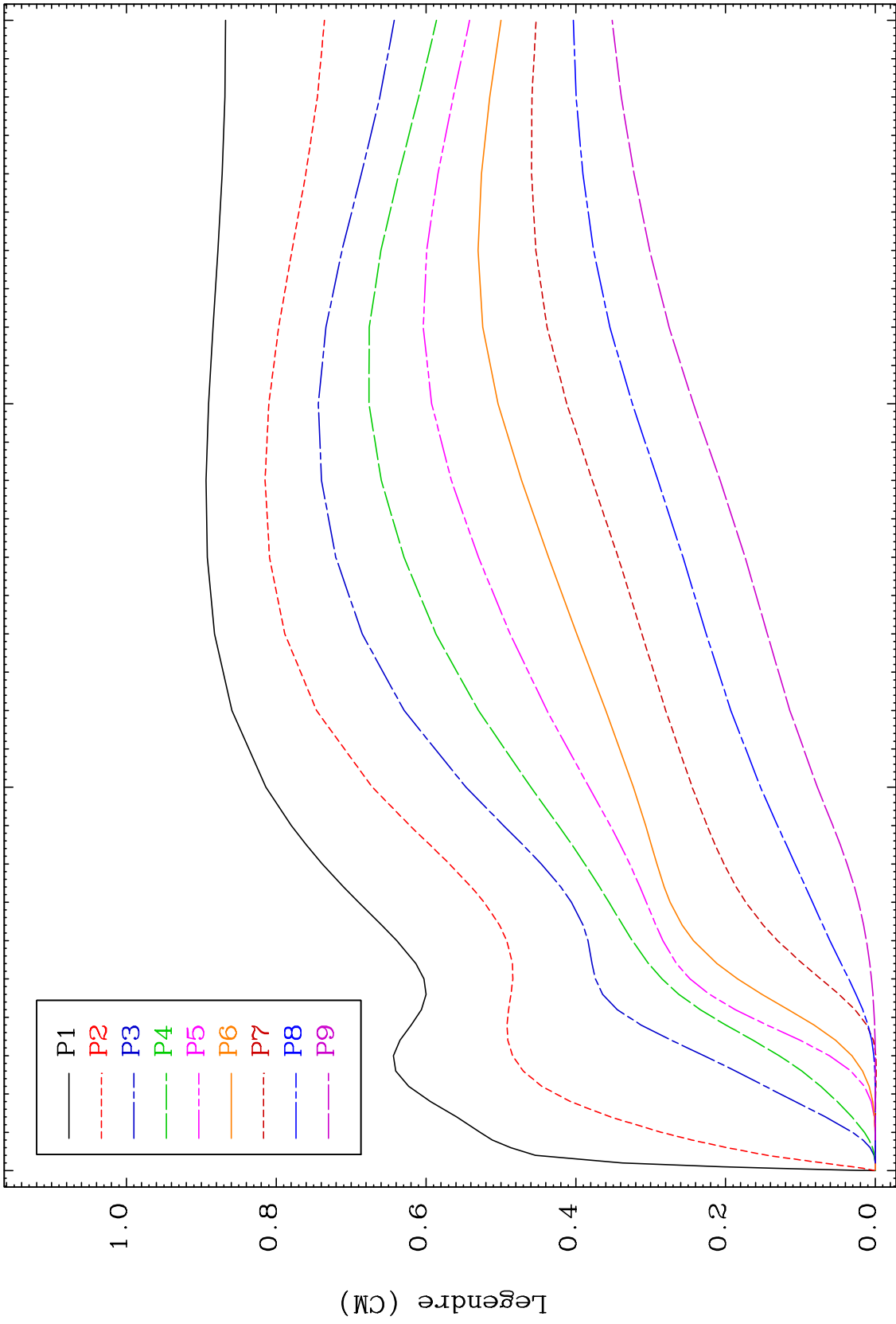
49-In-124



MAT 4958

Elastic Legendre Coefficients

49-In-124



16

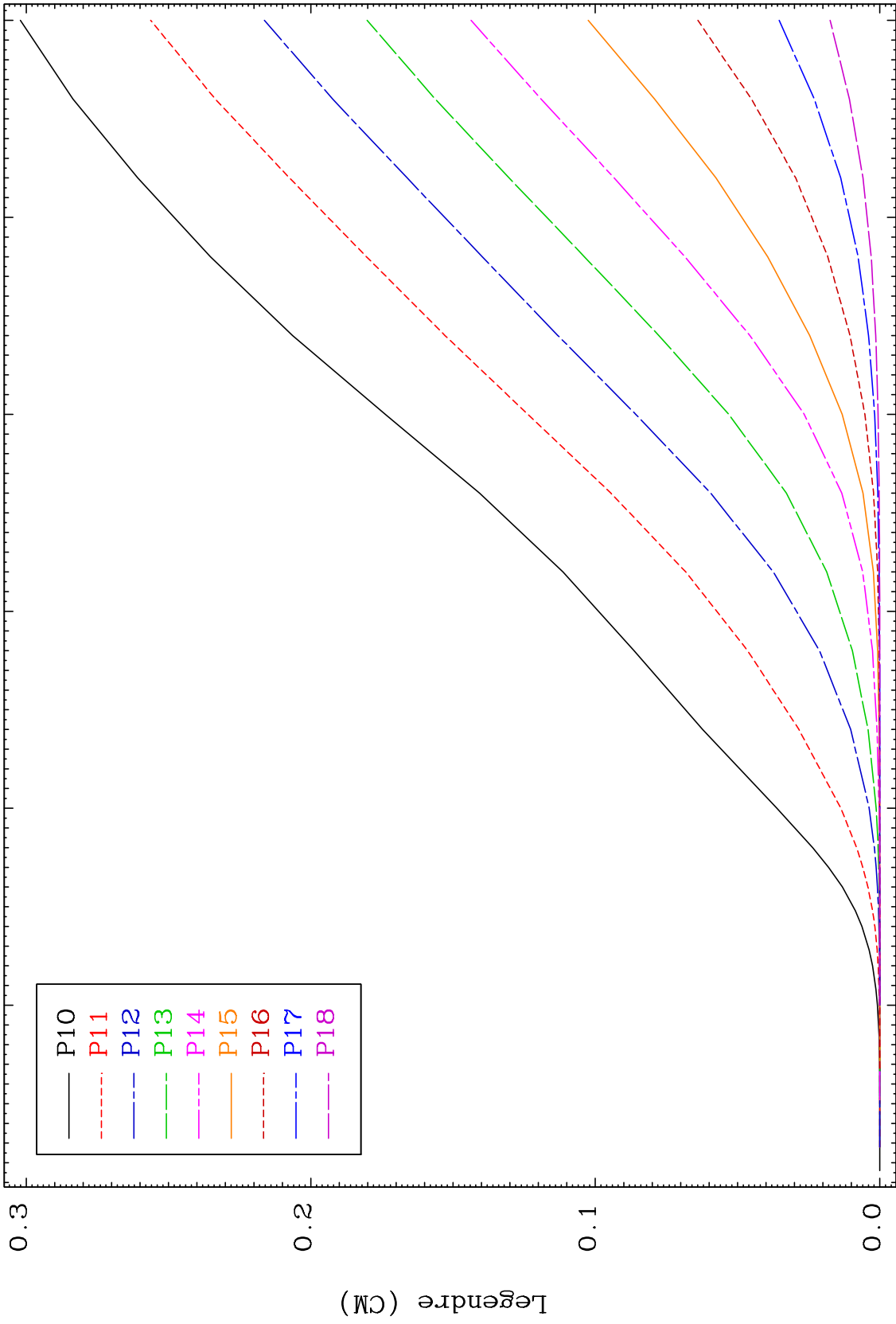
Incident Energy (MeV)

49-In-124

MAT 4958

Elastic Legendre Coefficients

49-In-124



17

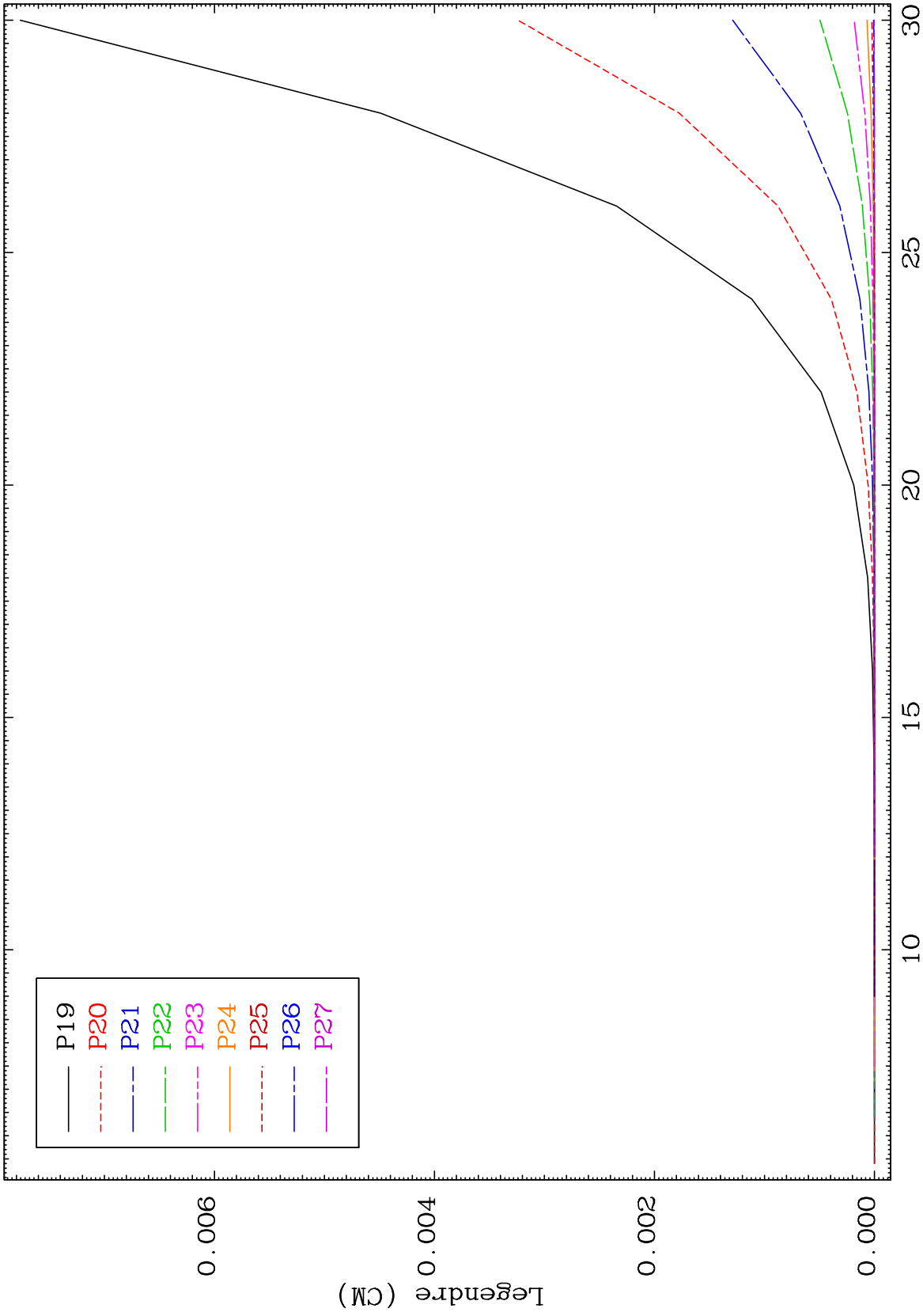
Incident Energy (MeV)

49-In-124

MAT 4958

Elastic
Legendre Coefficients

49-In-124



18

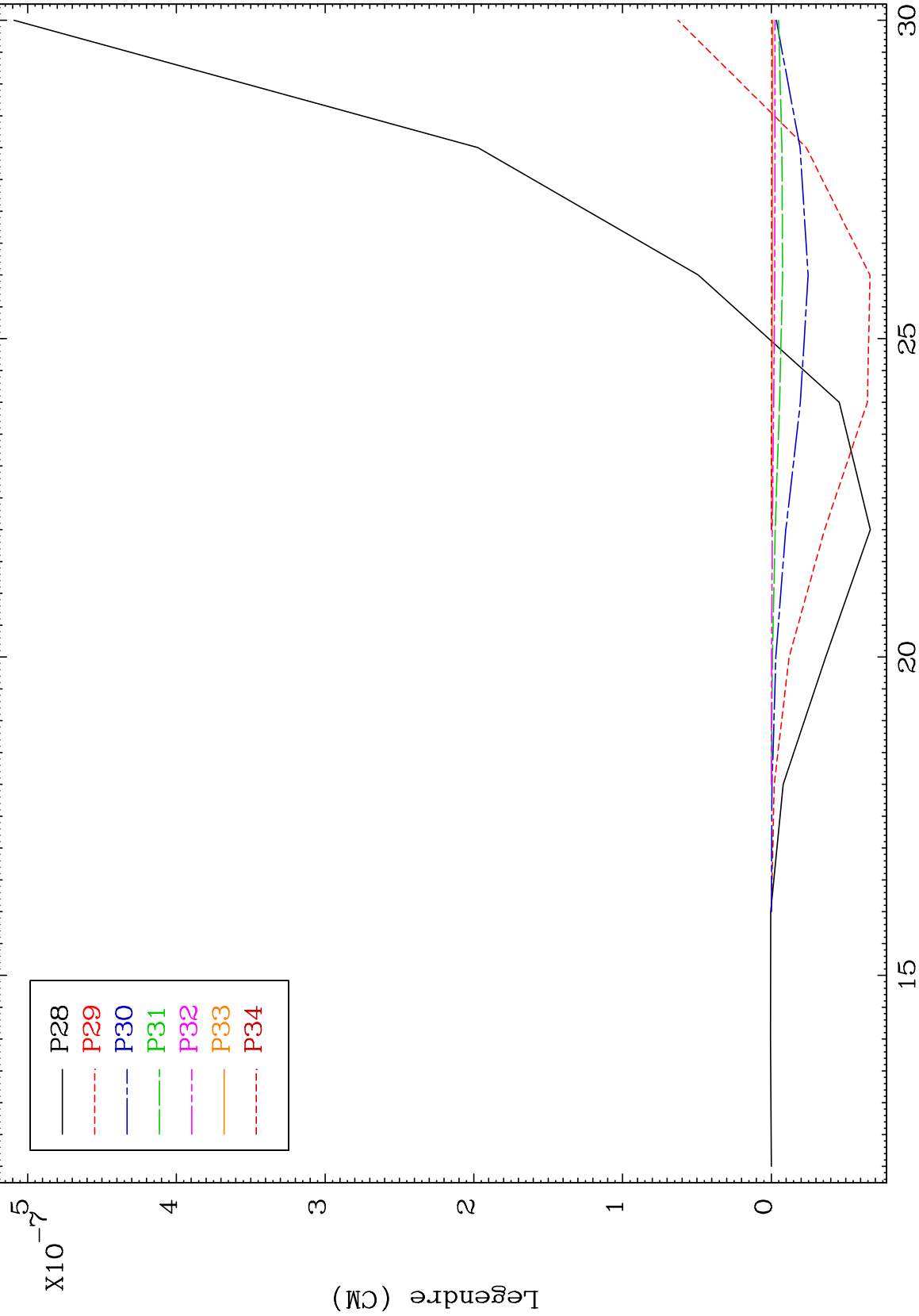
Incident Energy (MeV)

49-In-124

MAT 4958

Elastic Legendre Coefficients

49-In-124



19

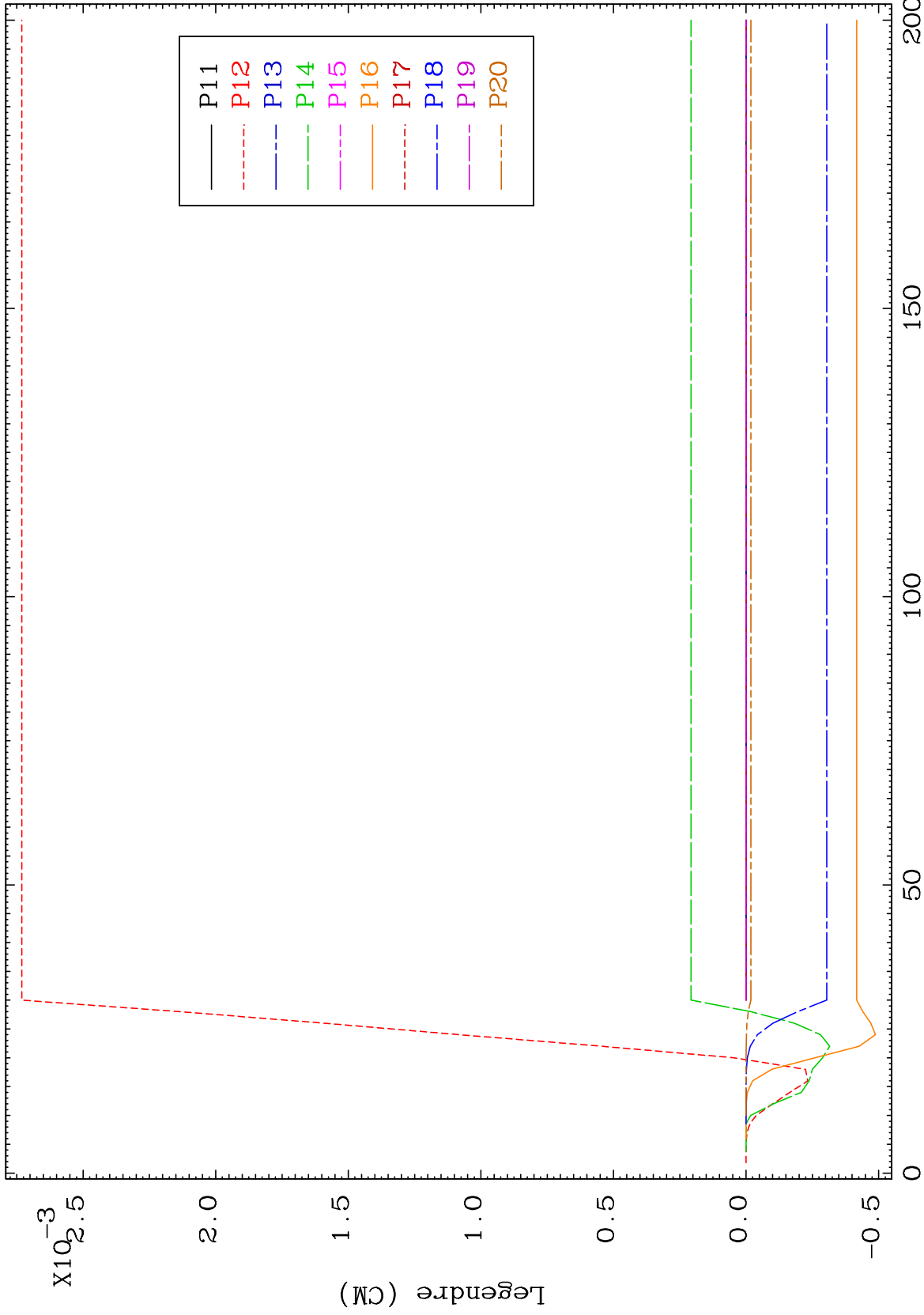
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

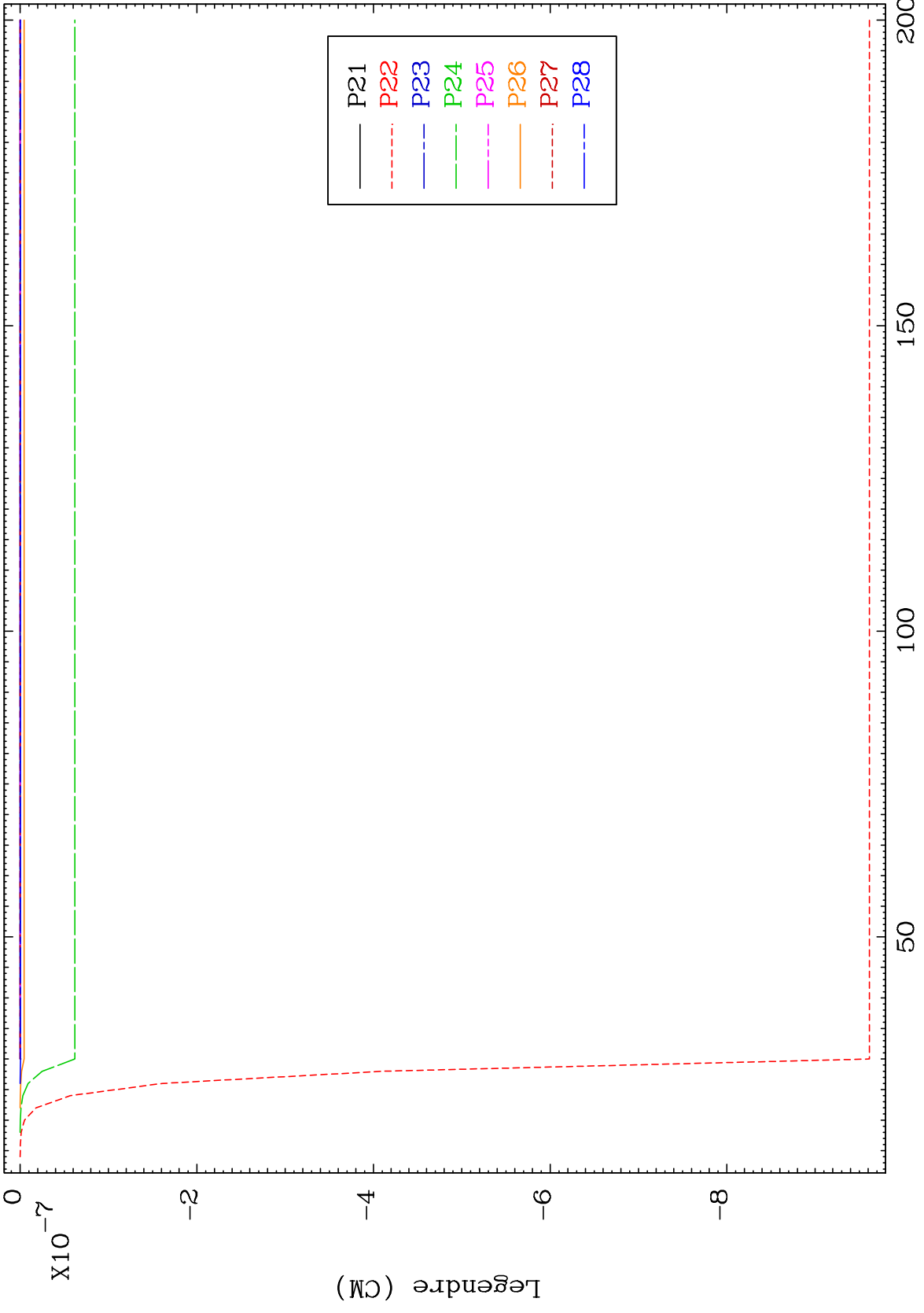


21

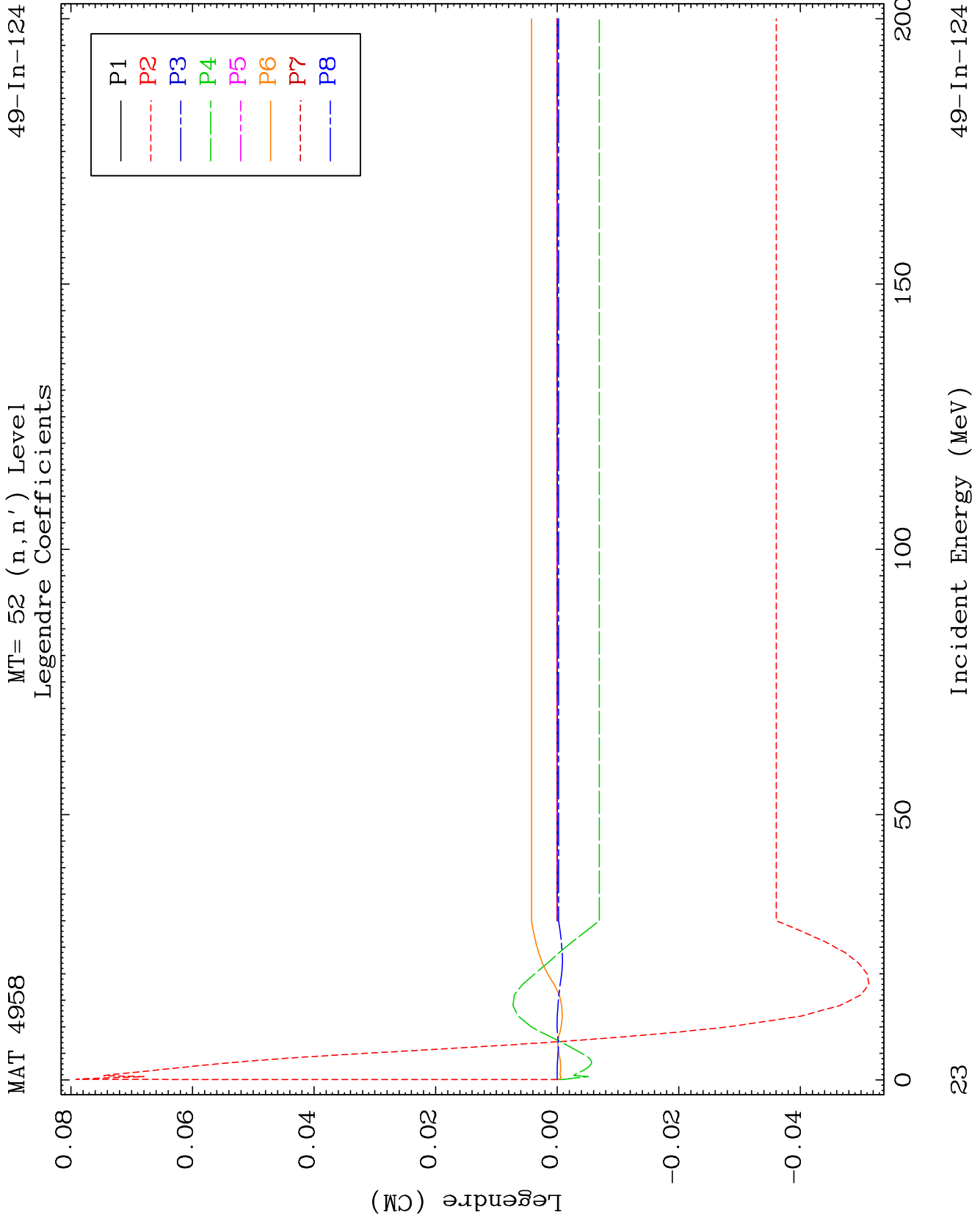
Incident Energy (MeV)

49-In-124

MAT 4958 MT= 51 (n,n') Level Legendre Coefficients 49-In-124



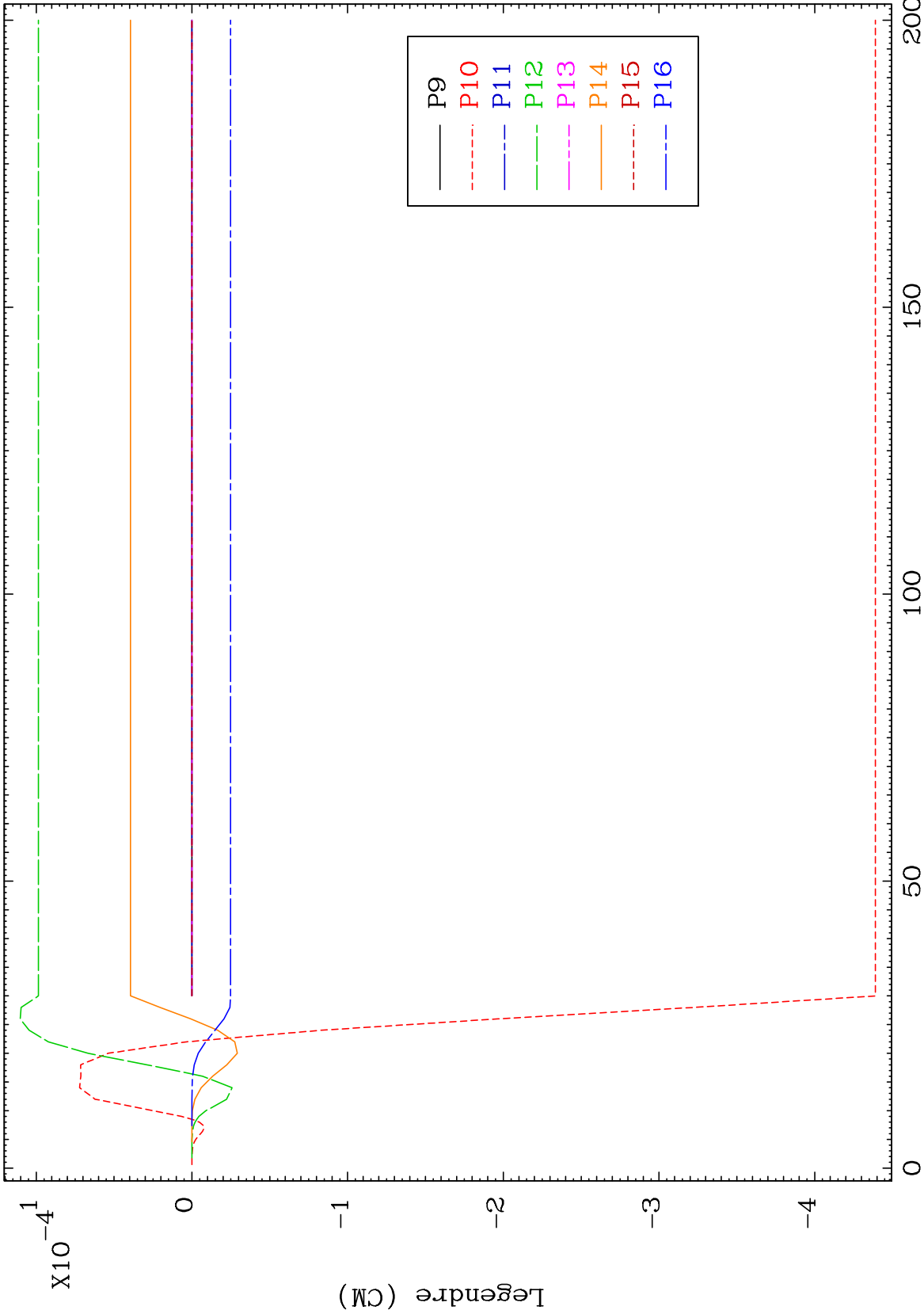
22 Incident Energy (MeV) 49-In-124



MAT 4958

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

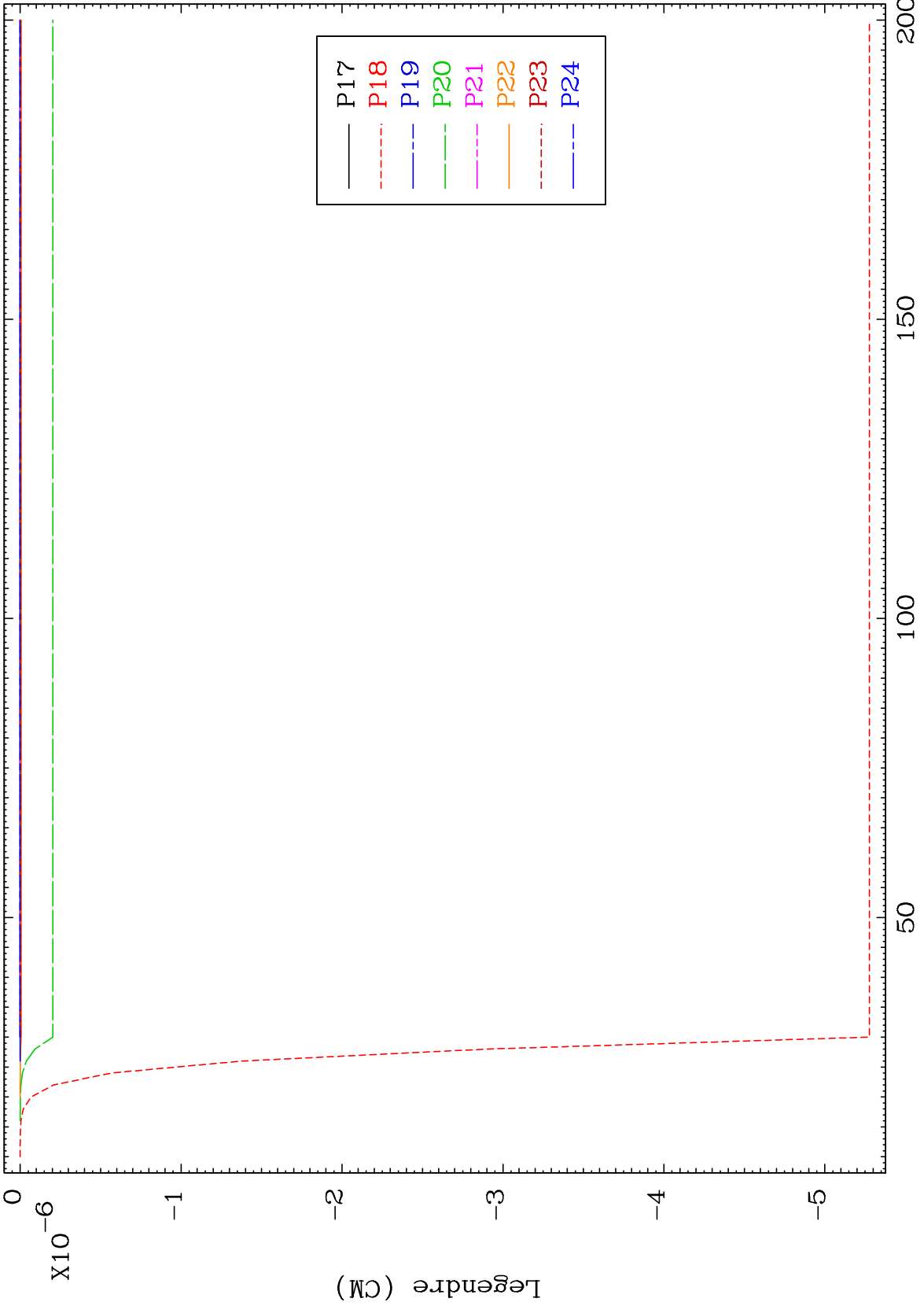
49-In-124



24

49-In-124

MAT 4958 MT= 52 (n,n') Level Legendre Coefficients 49-In-124

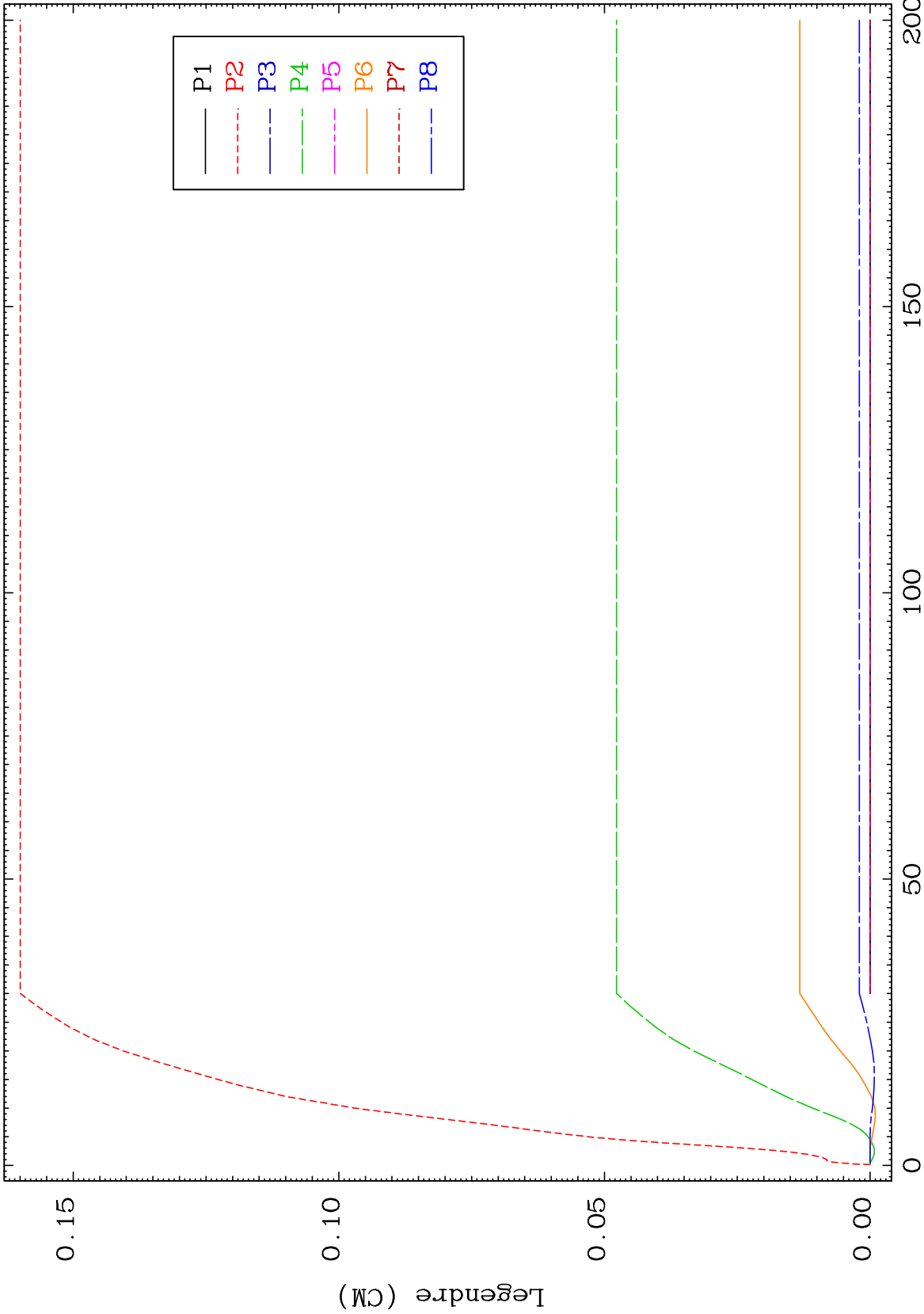


25 Incident Energy (MeV) 49-In-124

MAT 4958

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

49-In-124

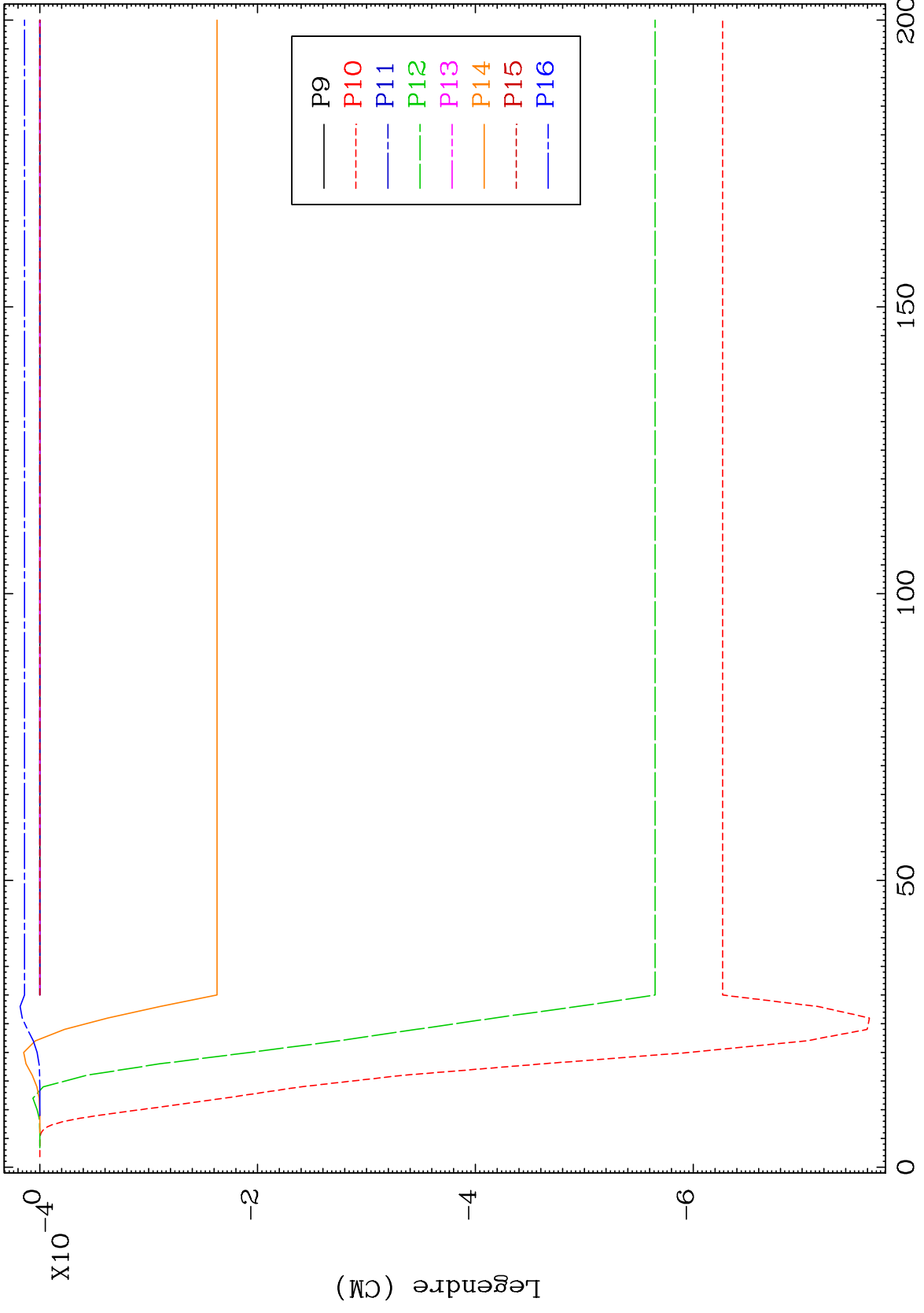


26

Incident Energy (MeV)

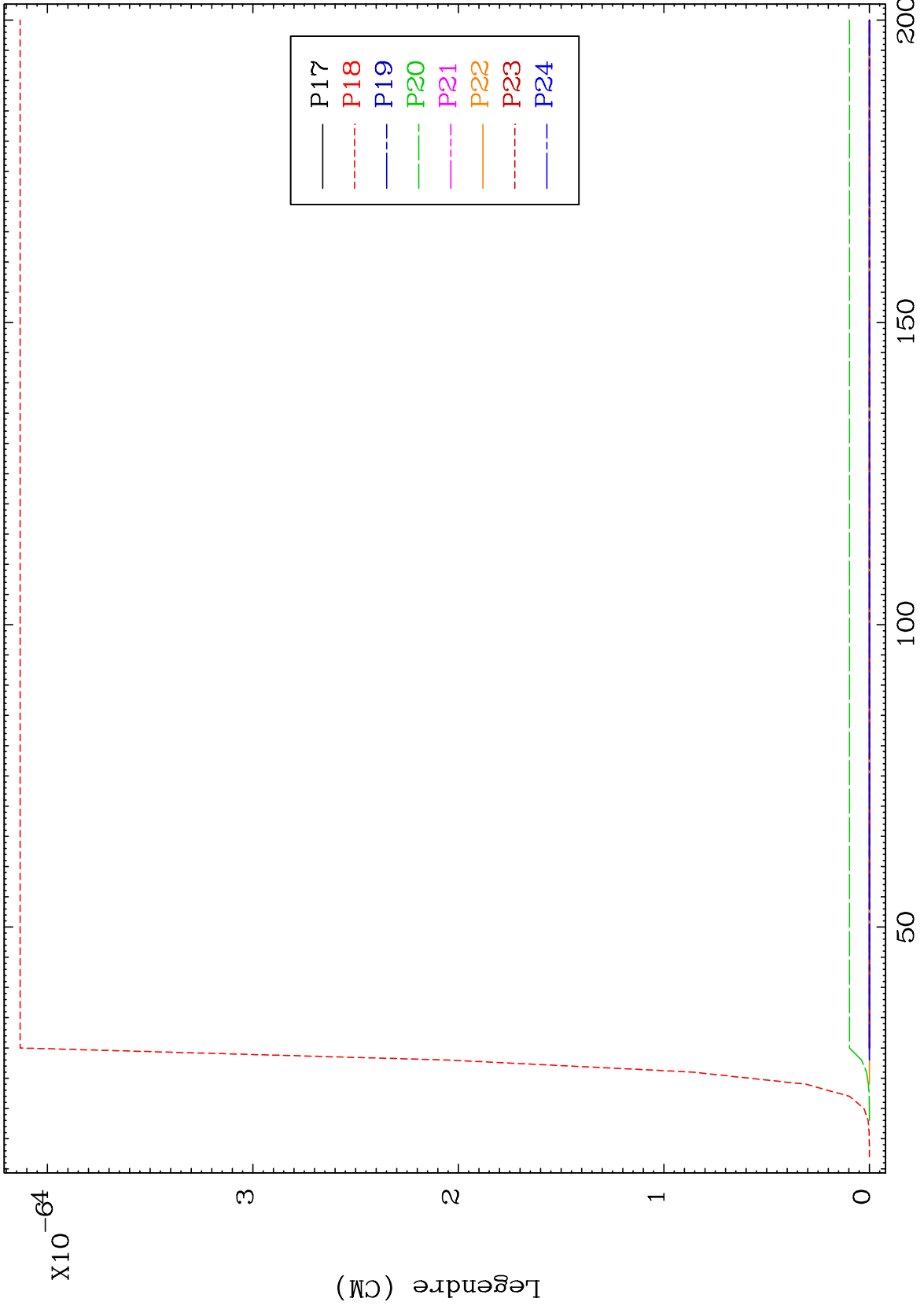
49-In-124

MAT 4958 MT= 53 (n,n') Level Legendre Coefficients 49-In-124



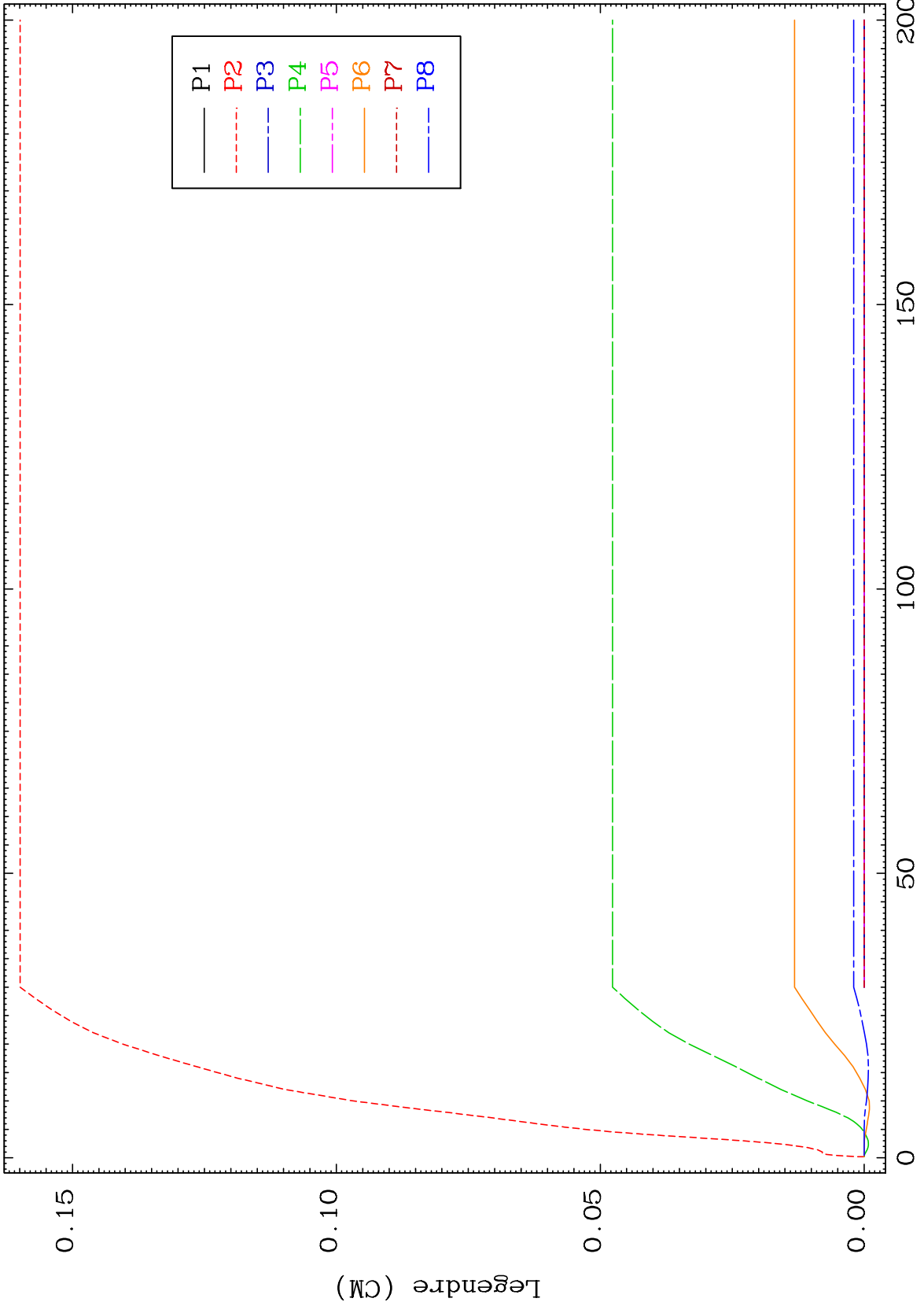
27 49-In-124

MAT 4958 MT= 53 (n,n') Level Legendre Coefficients 49-In-124



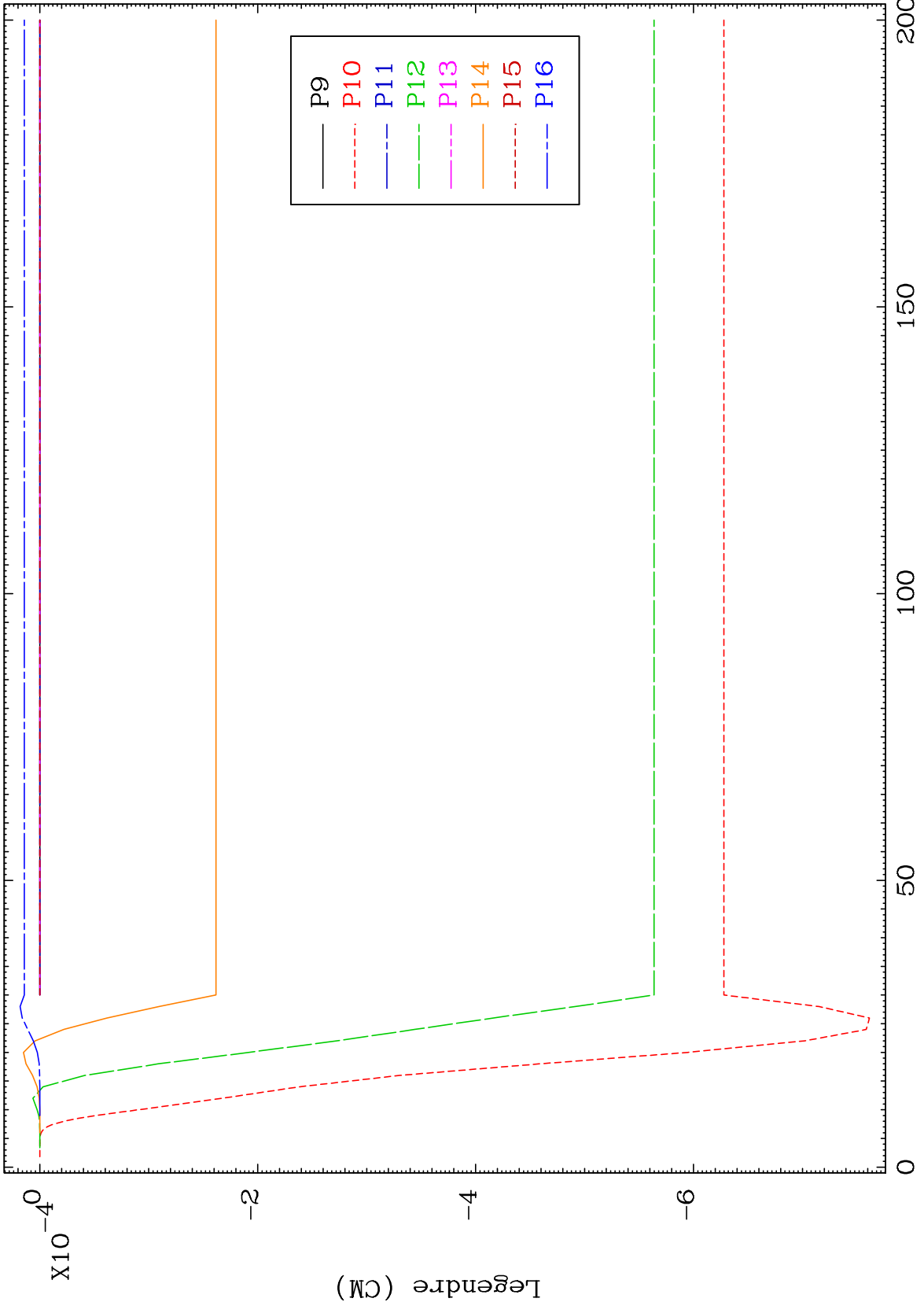
28 Incident Energy (MeV) 49-In-124

MAT 4958 MT= 54 (n,n') Level Legendre Coefficients 49-In-124



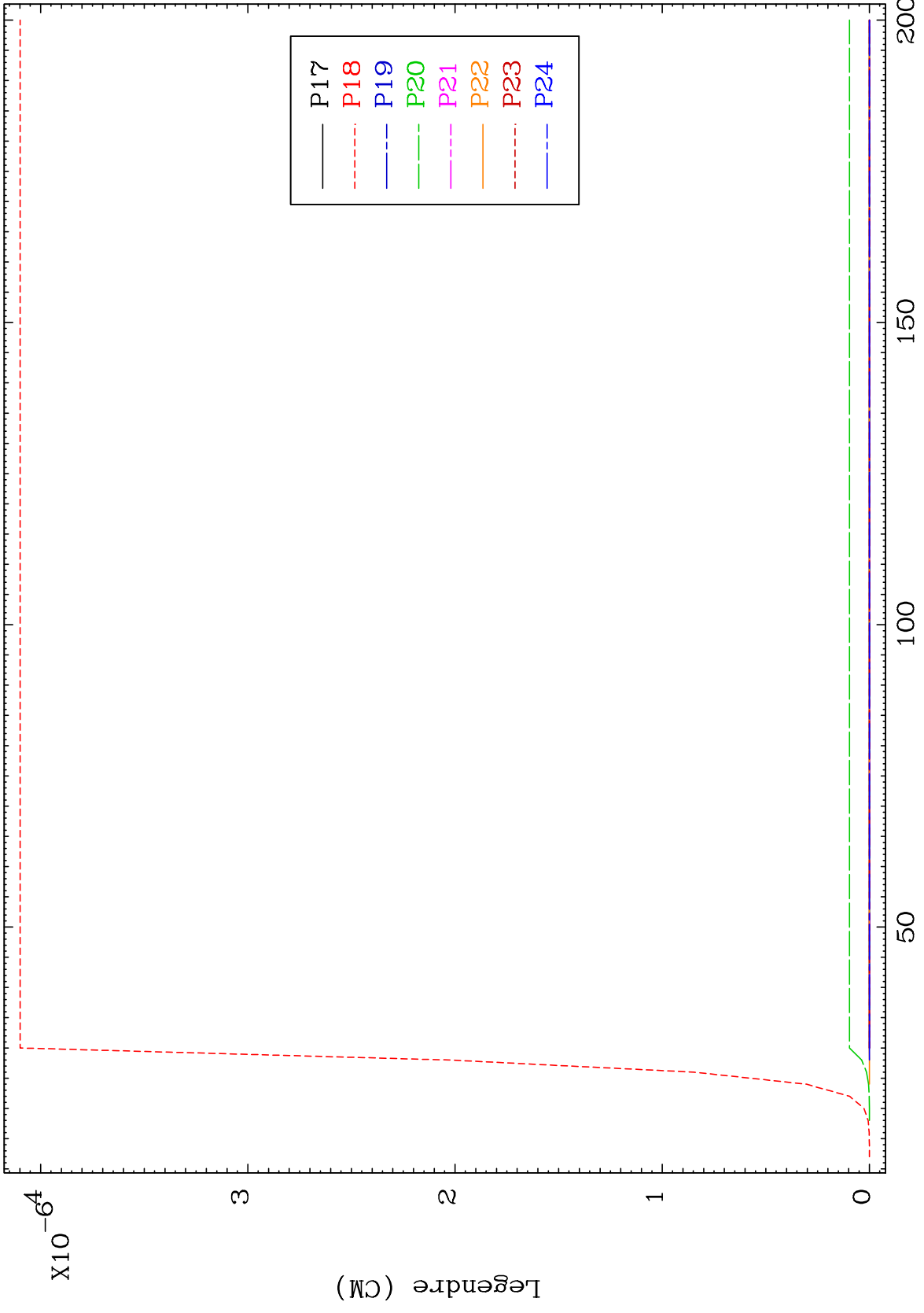
29 Incident Energy (MeV) 49-In-124

MAT 4958 MT= 54 (n,n') Level Legendre Coefficients 49-In-124



30 50 100 150 200 49-In-124

MAT 4958 MT= 54 (n,n') Level Legendre Coefficients 49-In-124

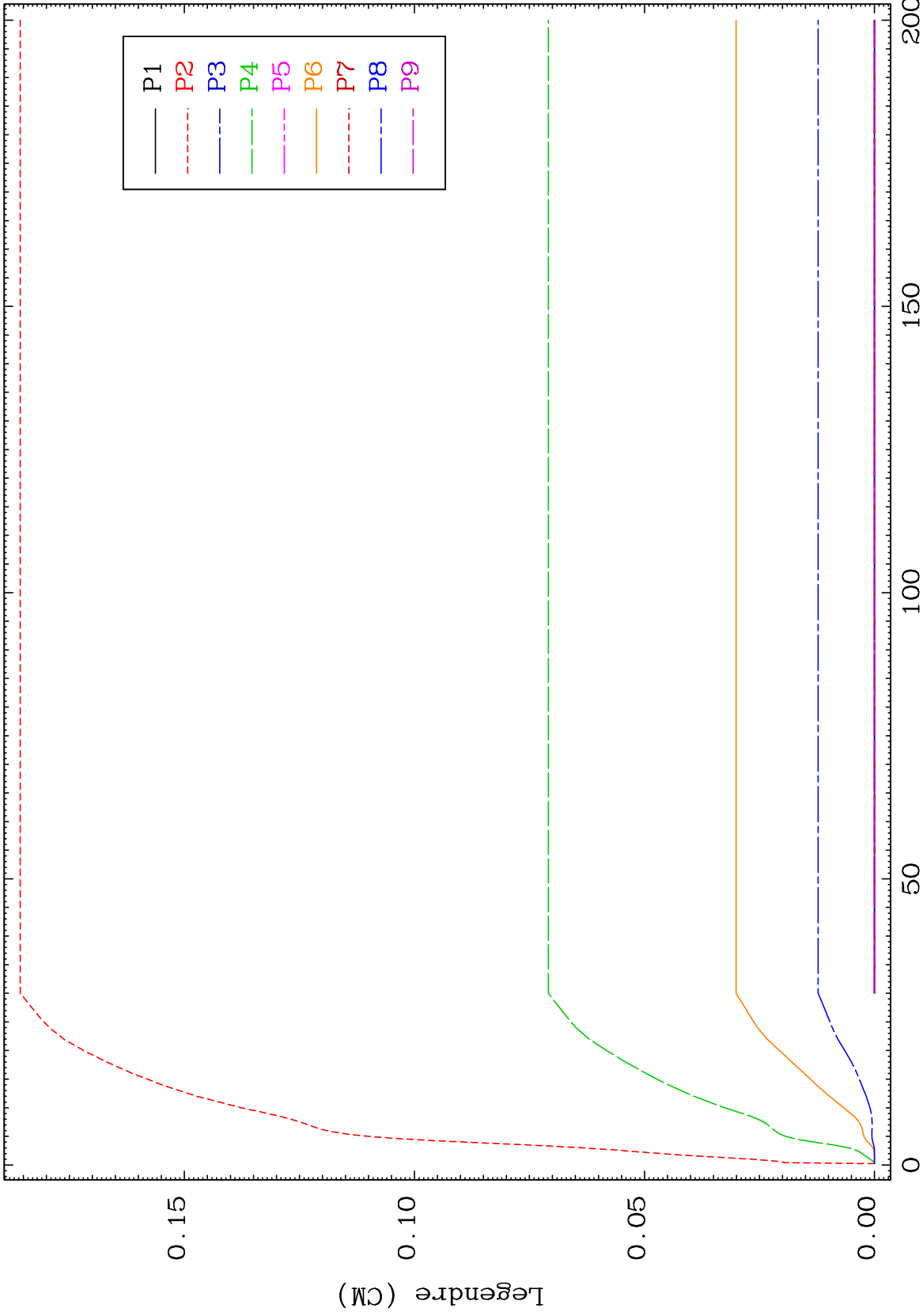


31 49-In-124

MAT 4958

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

49-In-124



32

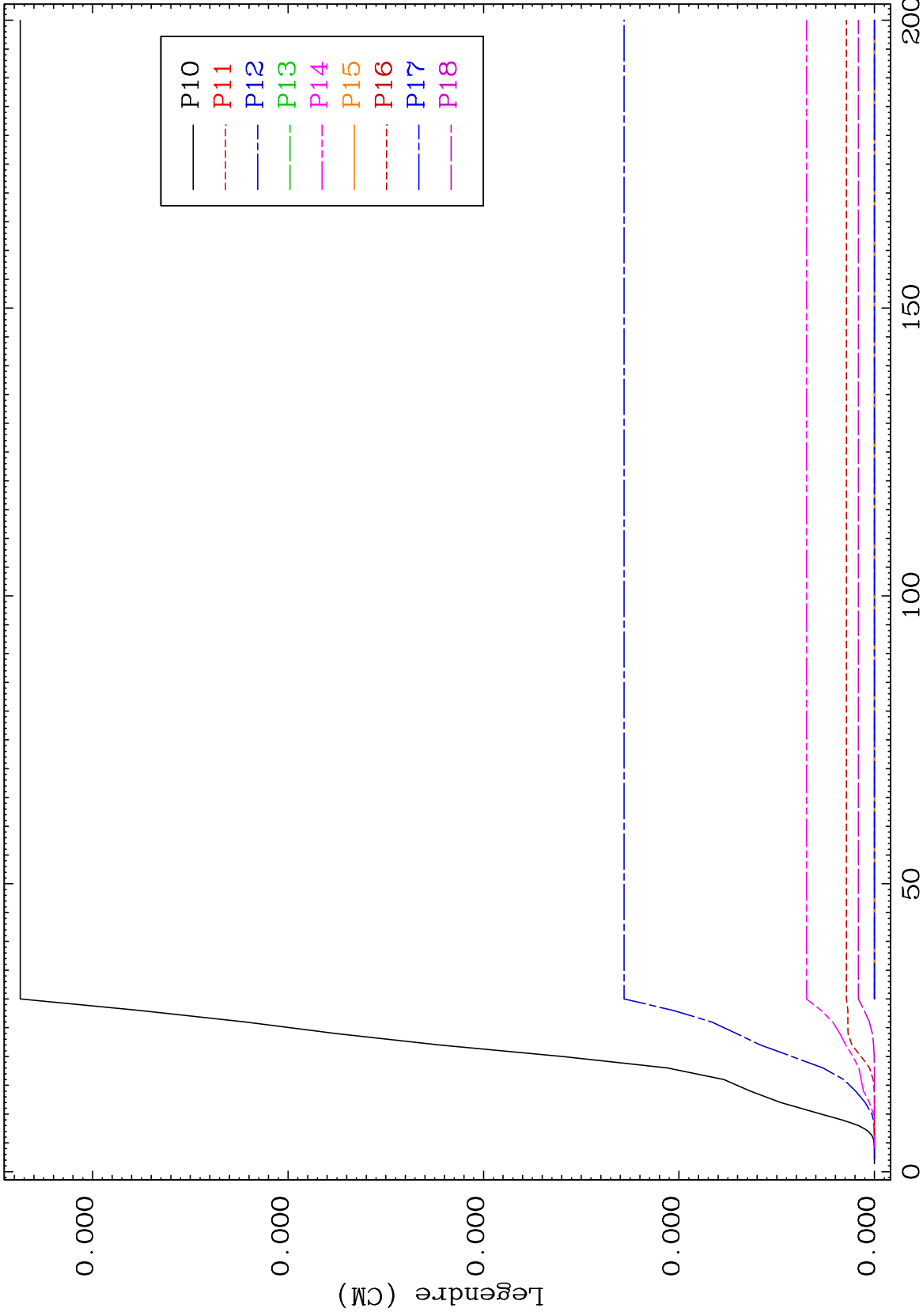
Incident Energy (MeV)

49-In-124

MAT 4958

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

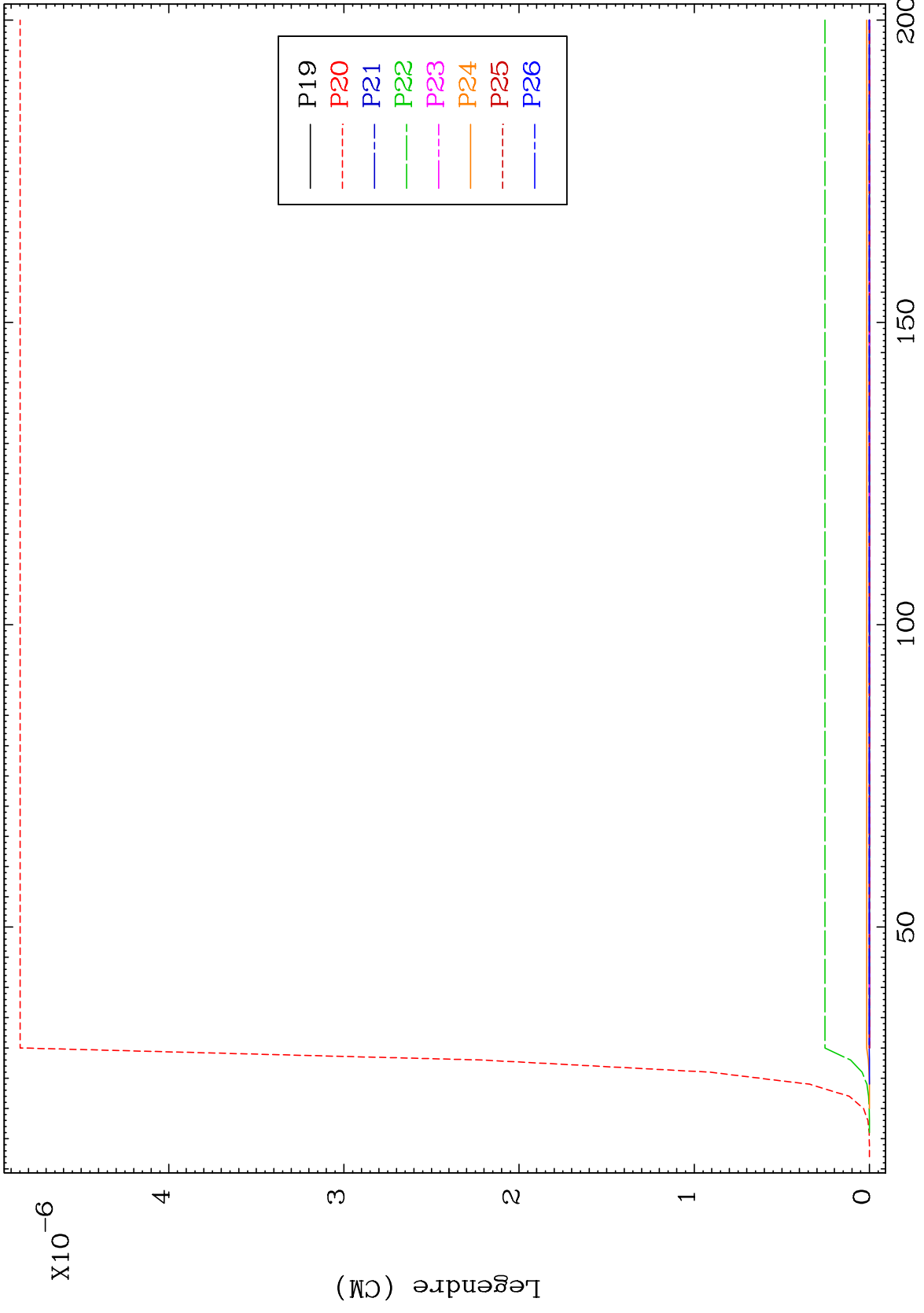
49-In-124



33

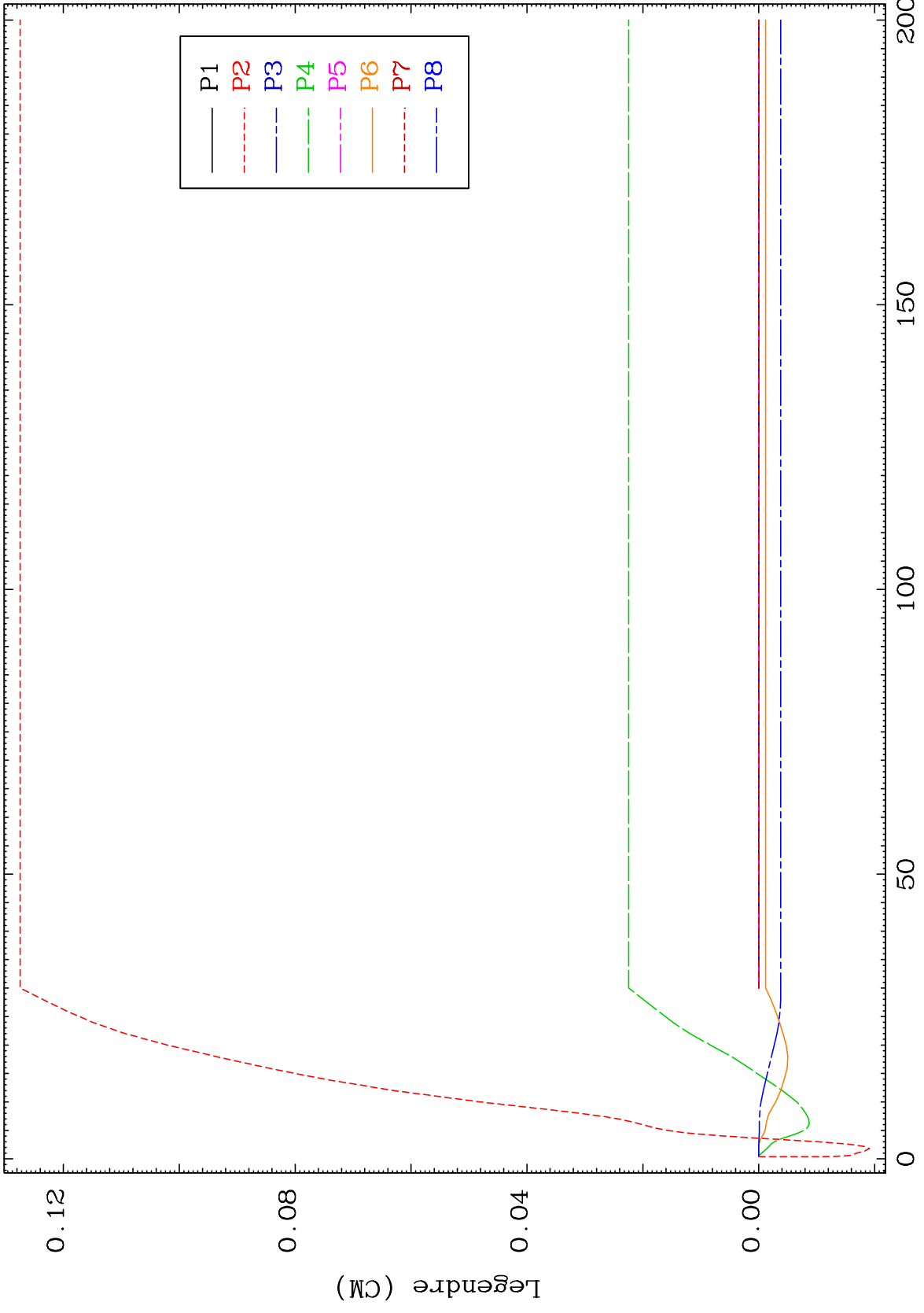
49-In-124

MAT 4958 MT= 55 (n,n') Level Legendre Coefficients 49-In-124



34 Incident Energy (MeV) 49-In-124

MAT 4958 MT= 56 (n,n') Level Legendre Coefficients 49-In-124

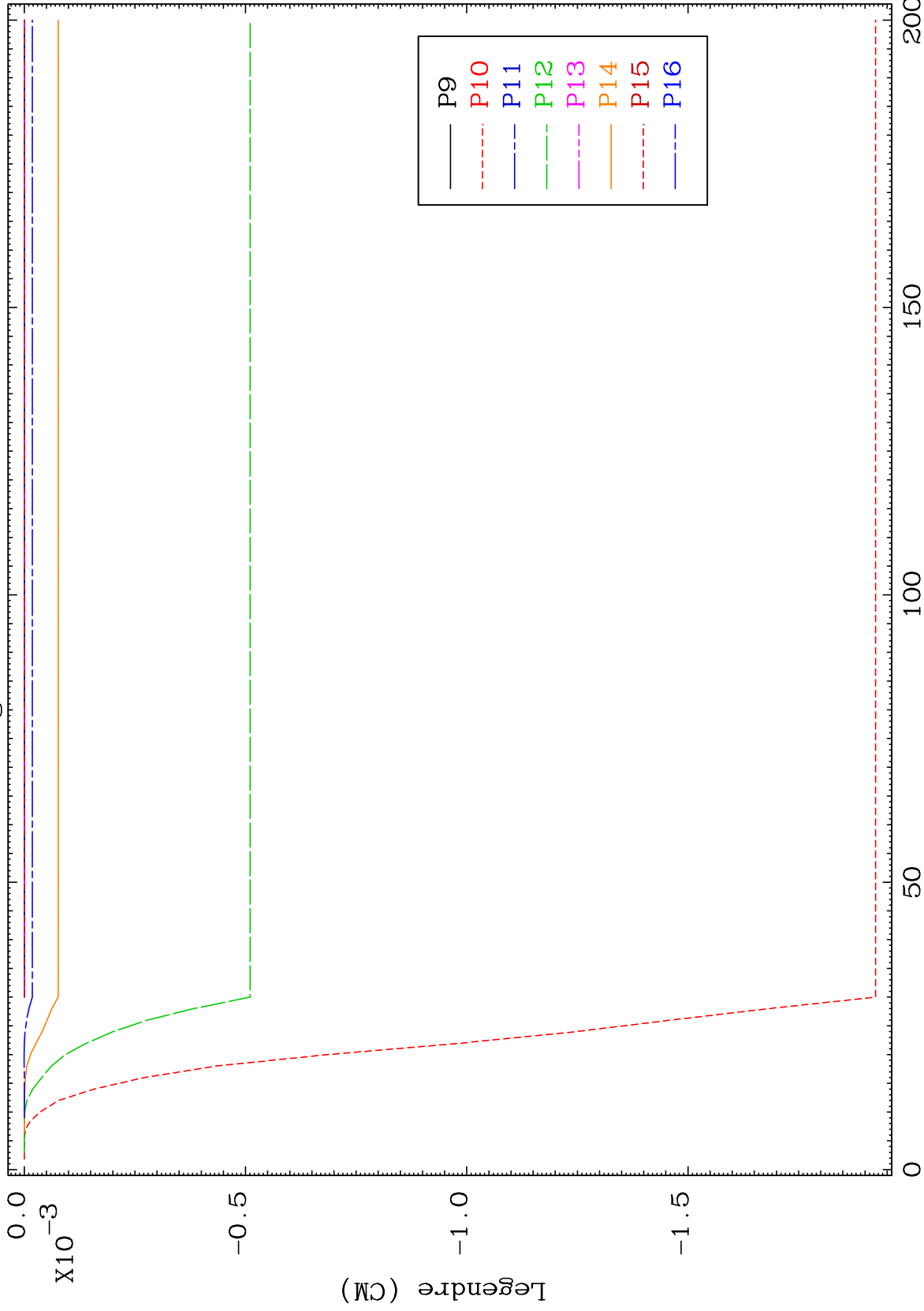


35 Incident Energy (MeV) 49-In-124

MAT 4958

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

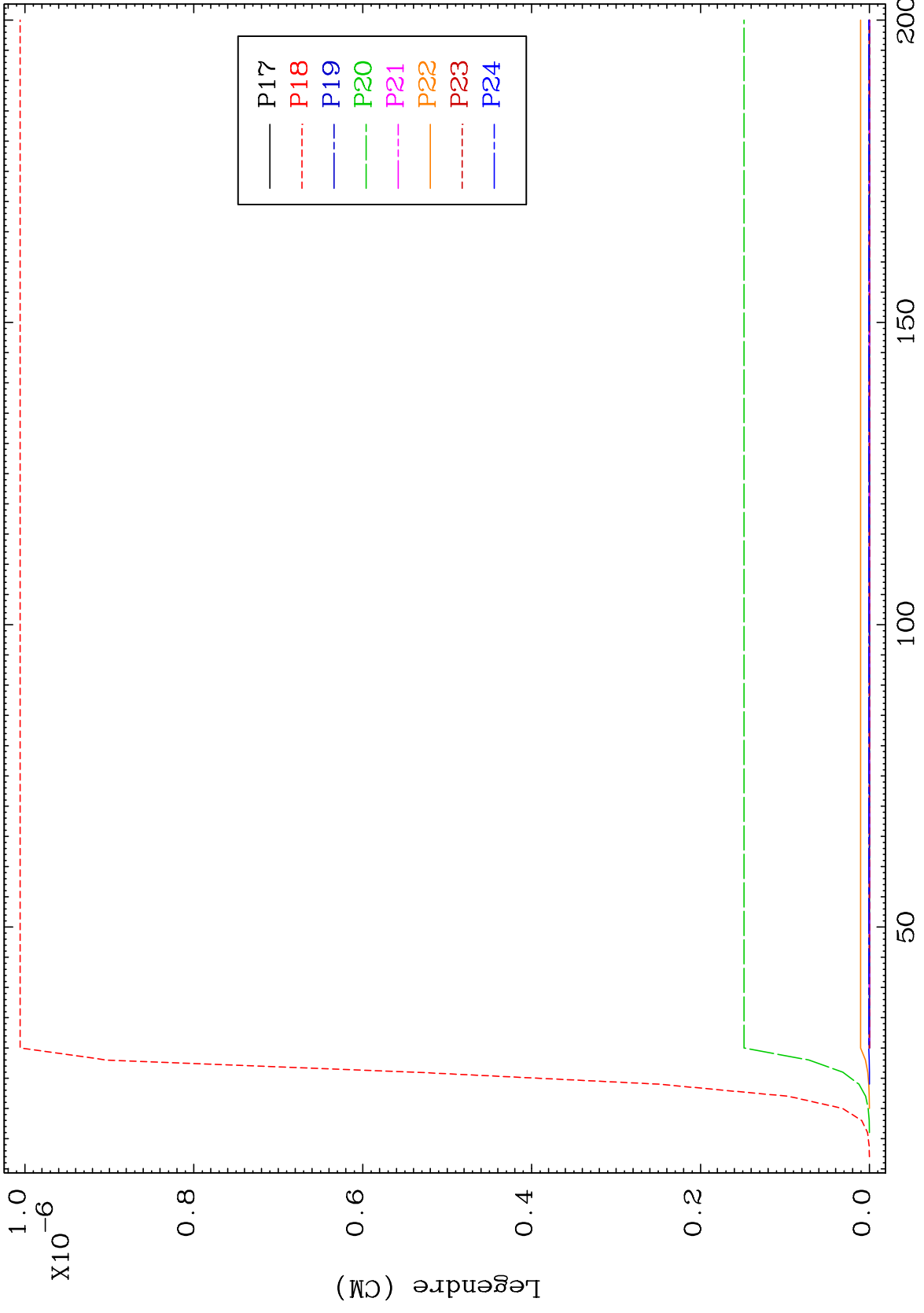
49-In-124



36

49-In-124

MAT 4958 MT= 56 (n,n') Level Legendre Coefficients 49-In-124

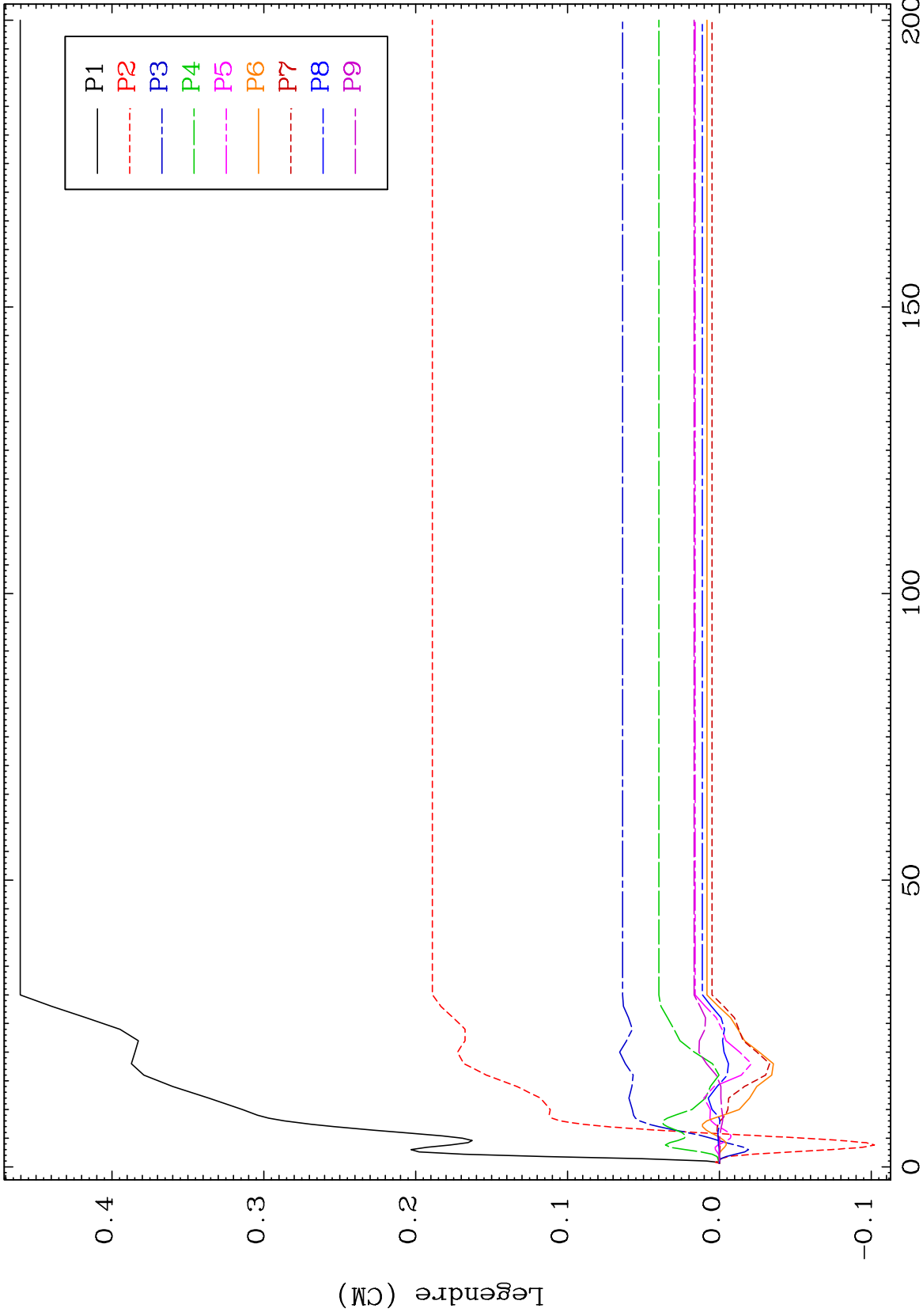


37 Incident Energy (MeV) 49-In-124

MAT 4958

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

49-In-124



38

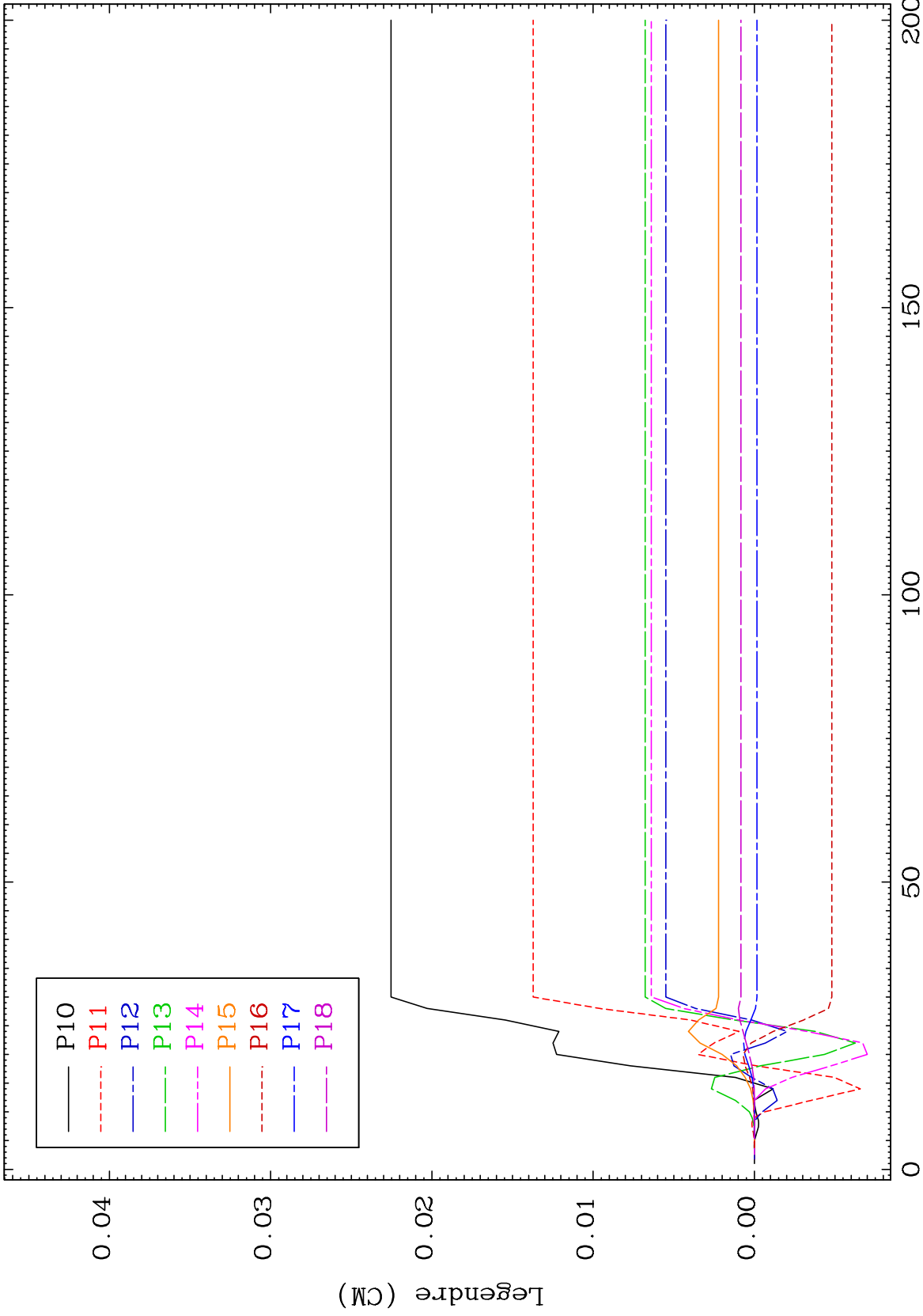
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



39

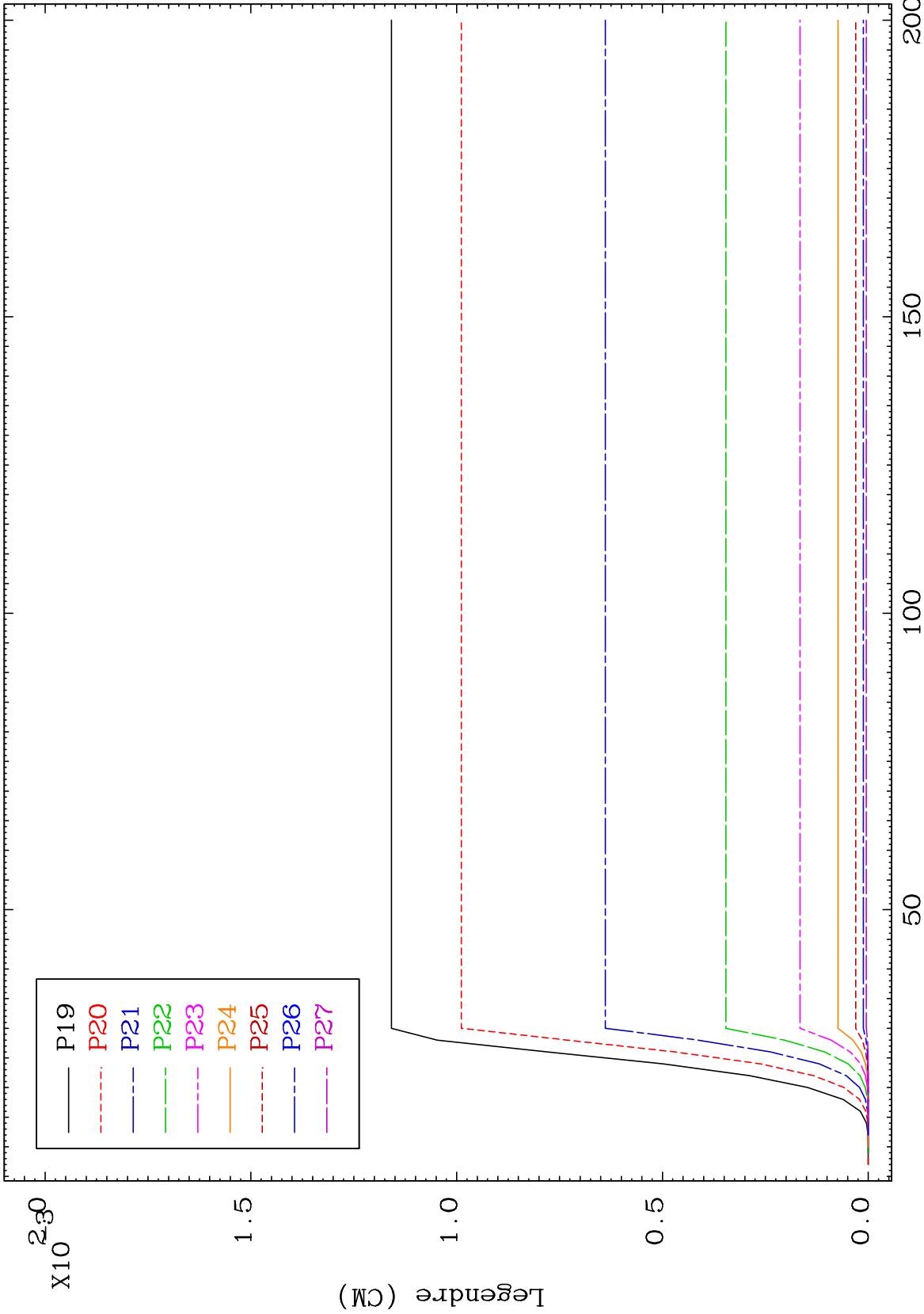
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



40

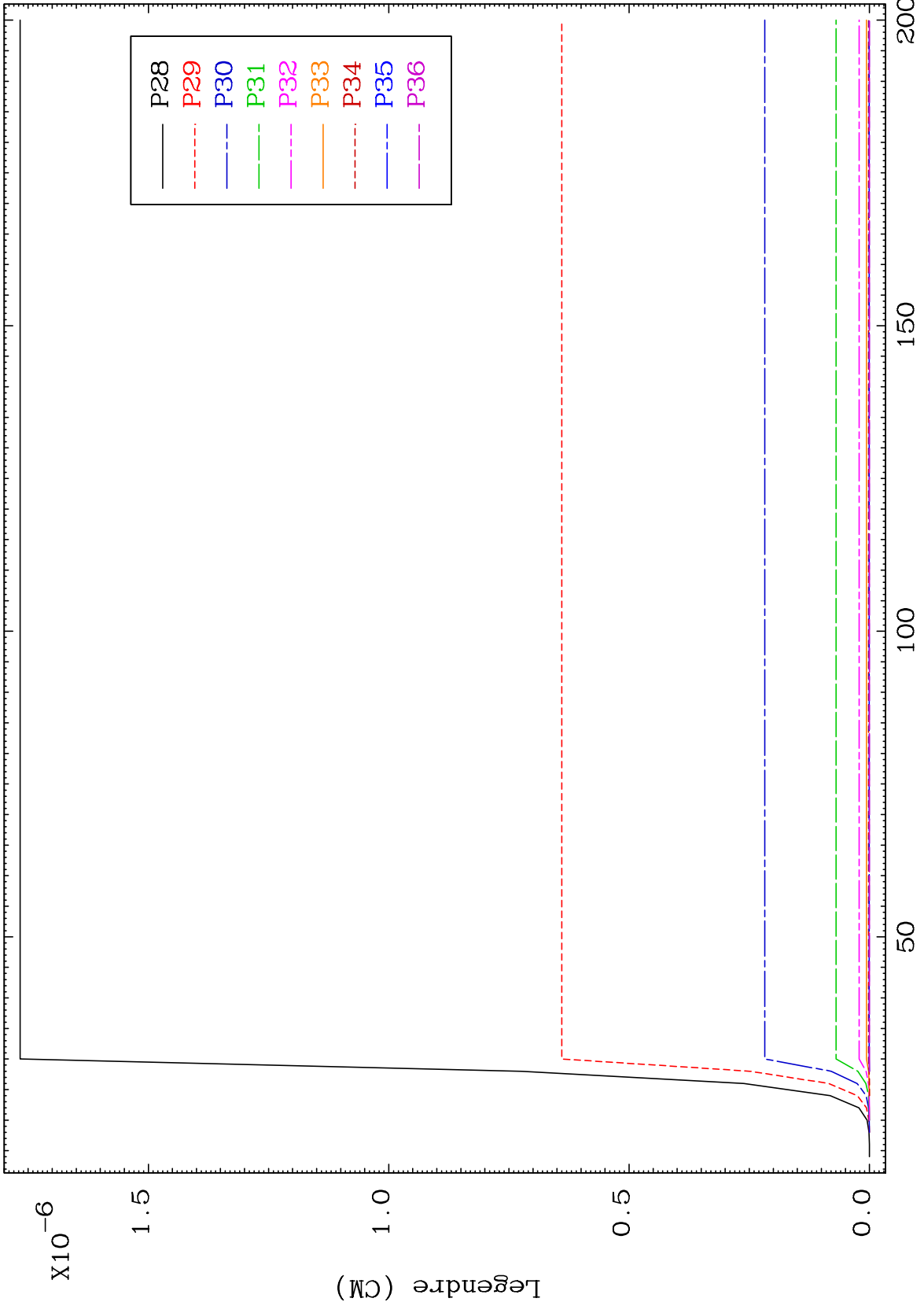
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



41

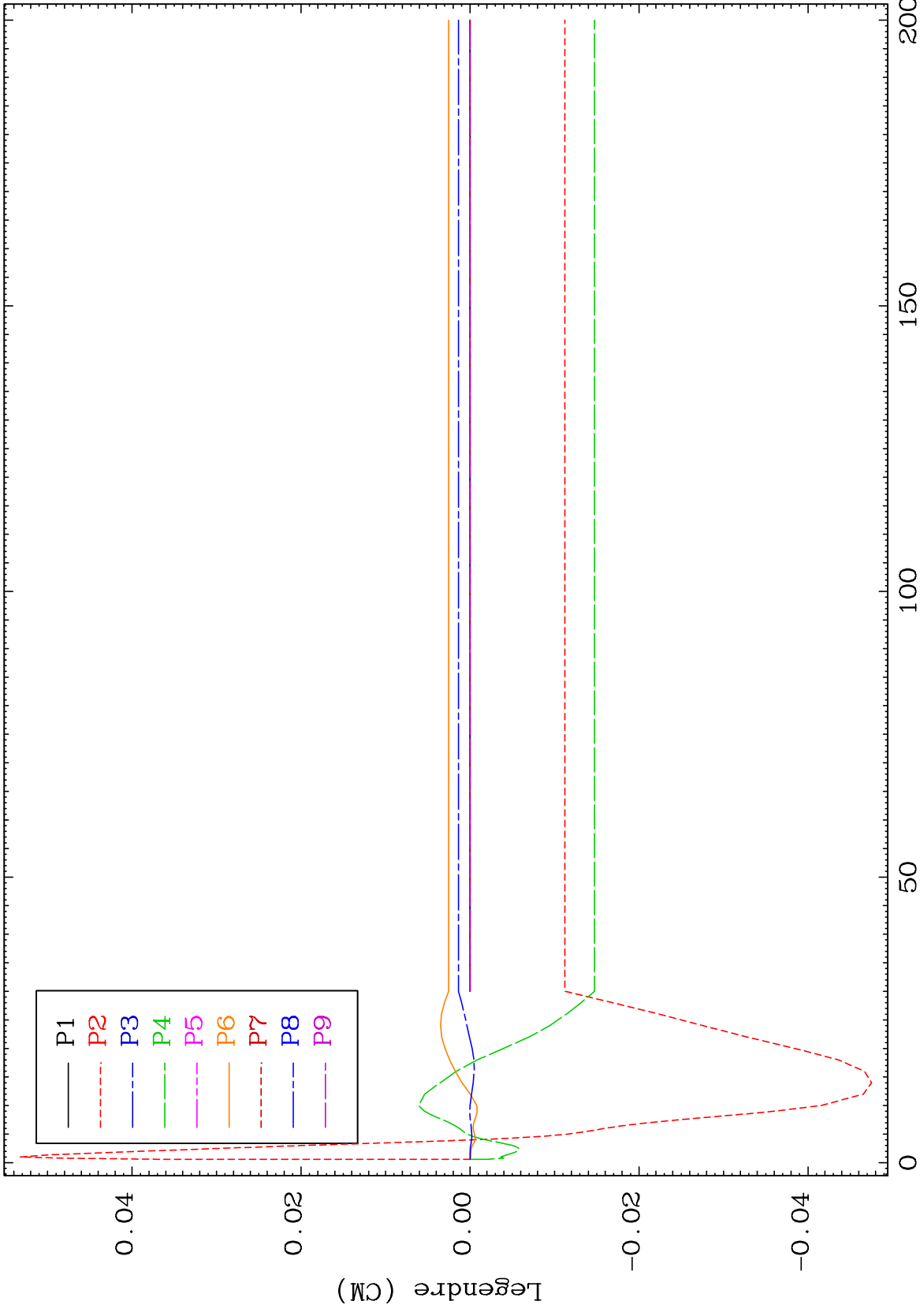
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



42

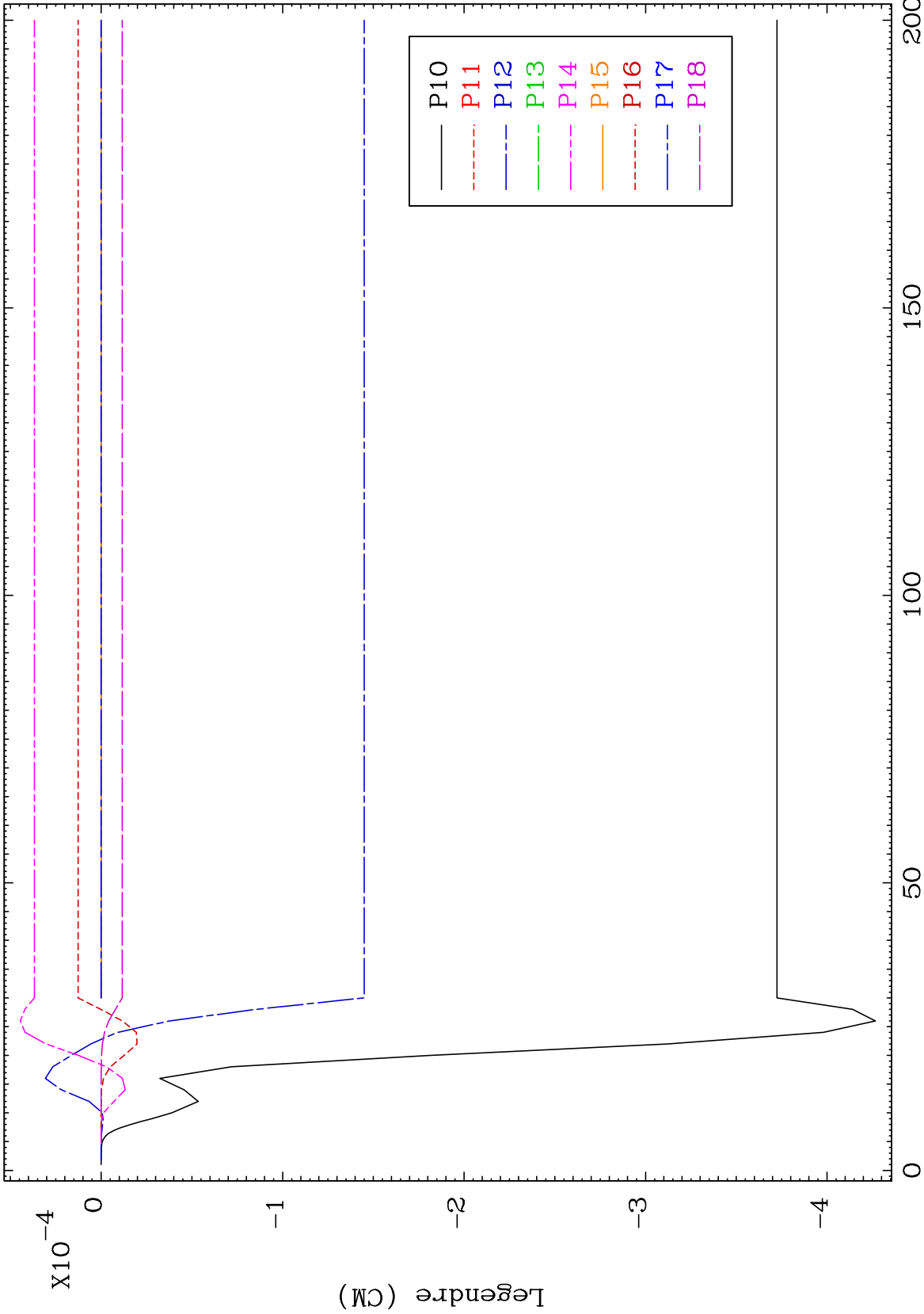
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

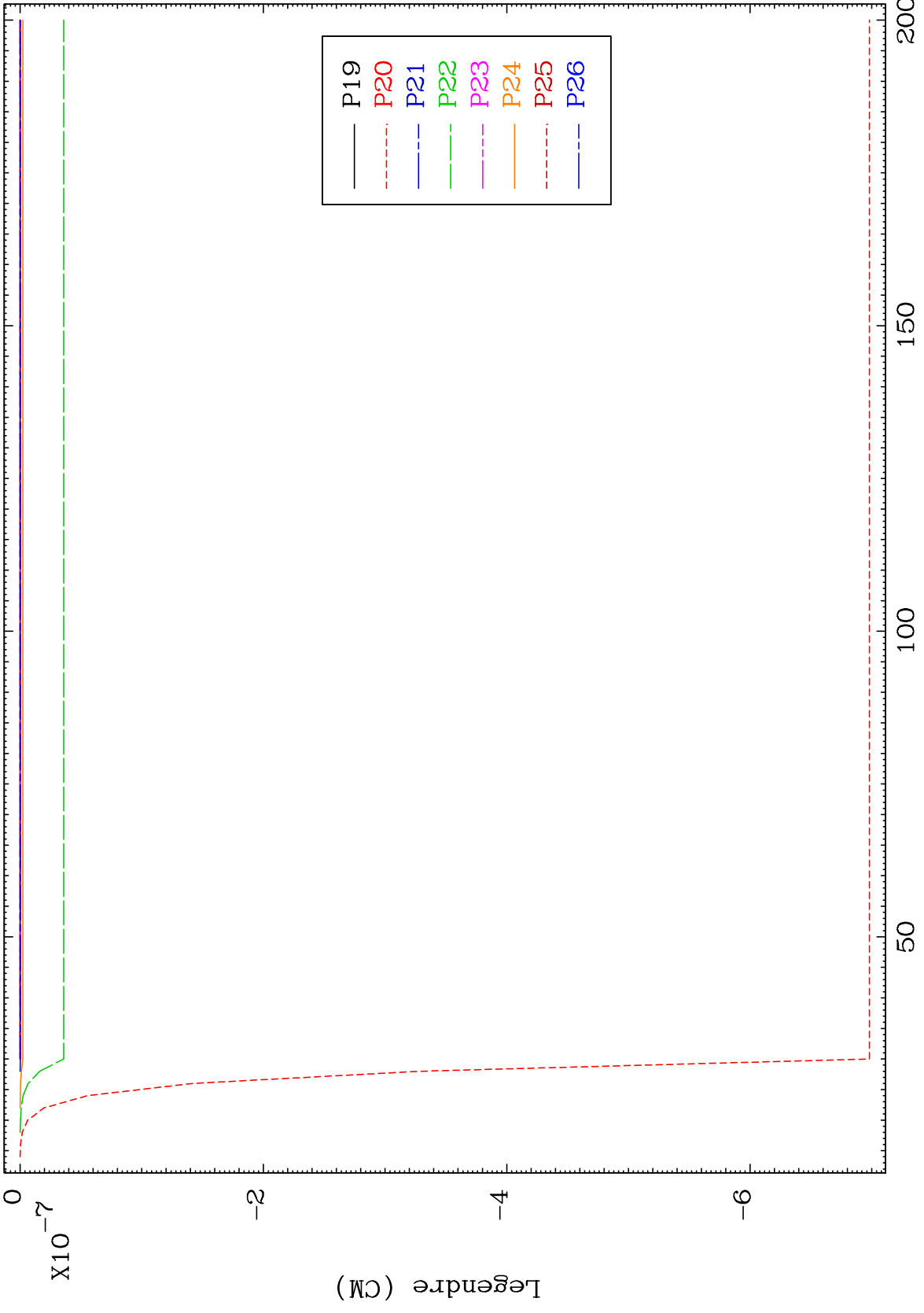


43

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 58 (n,n') Level Legendre Coefficients 49-In-124

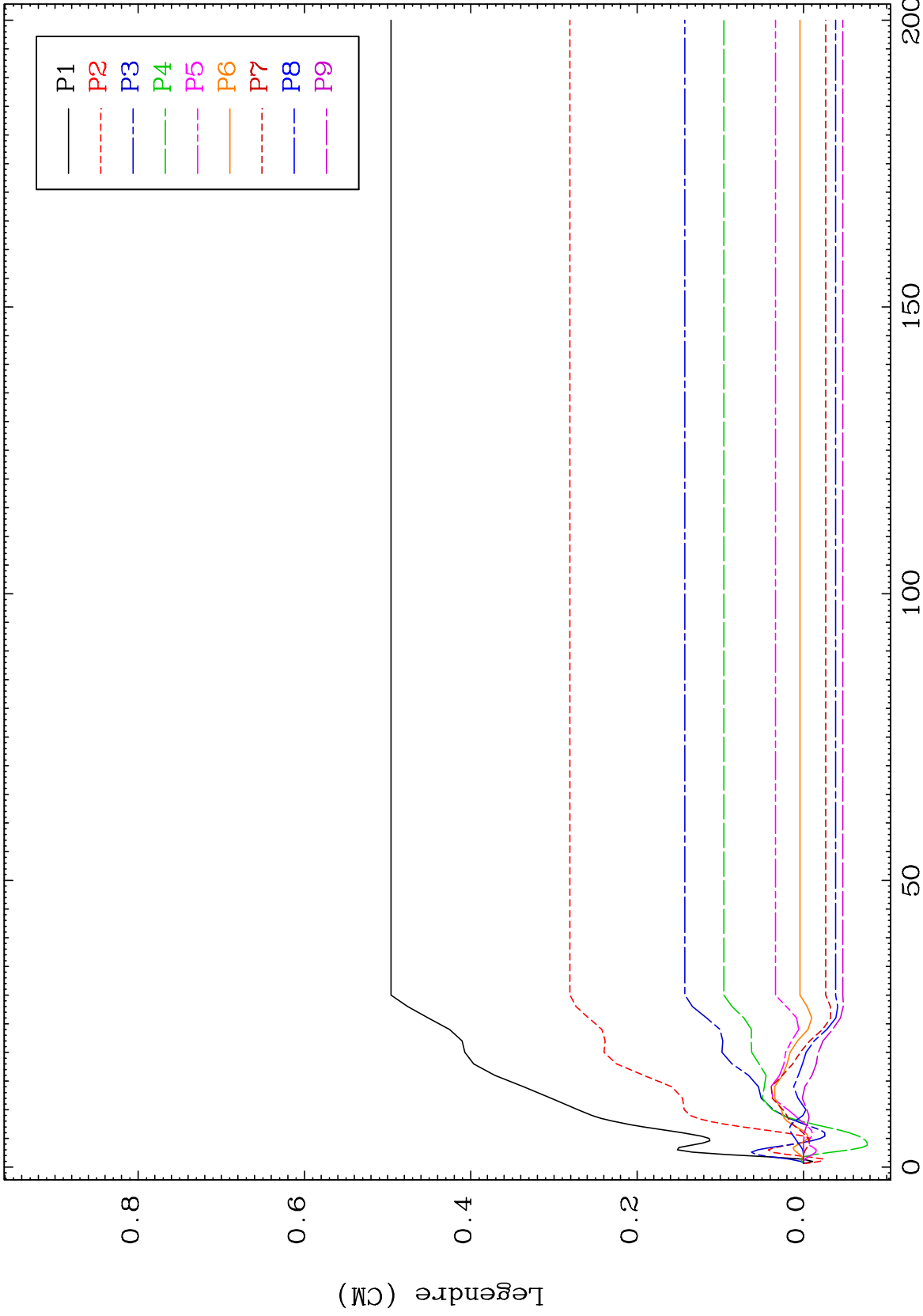


44 Incident Energy (MeV) 49-In-124

MAT 4958

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

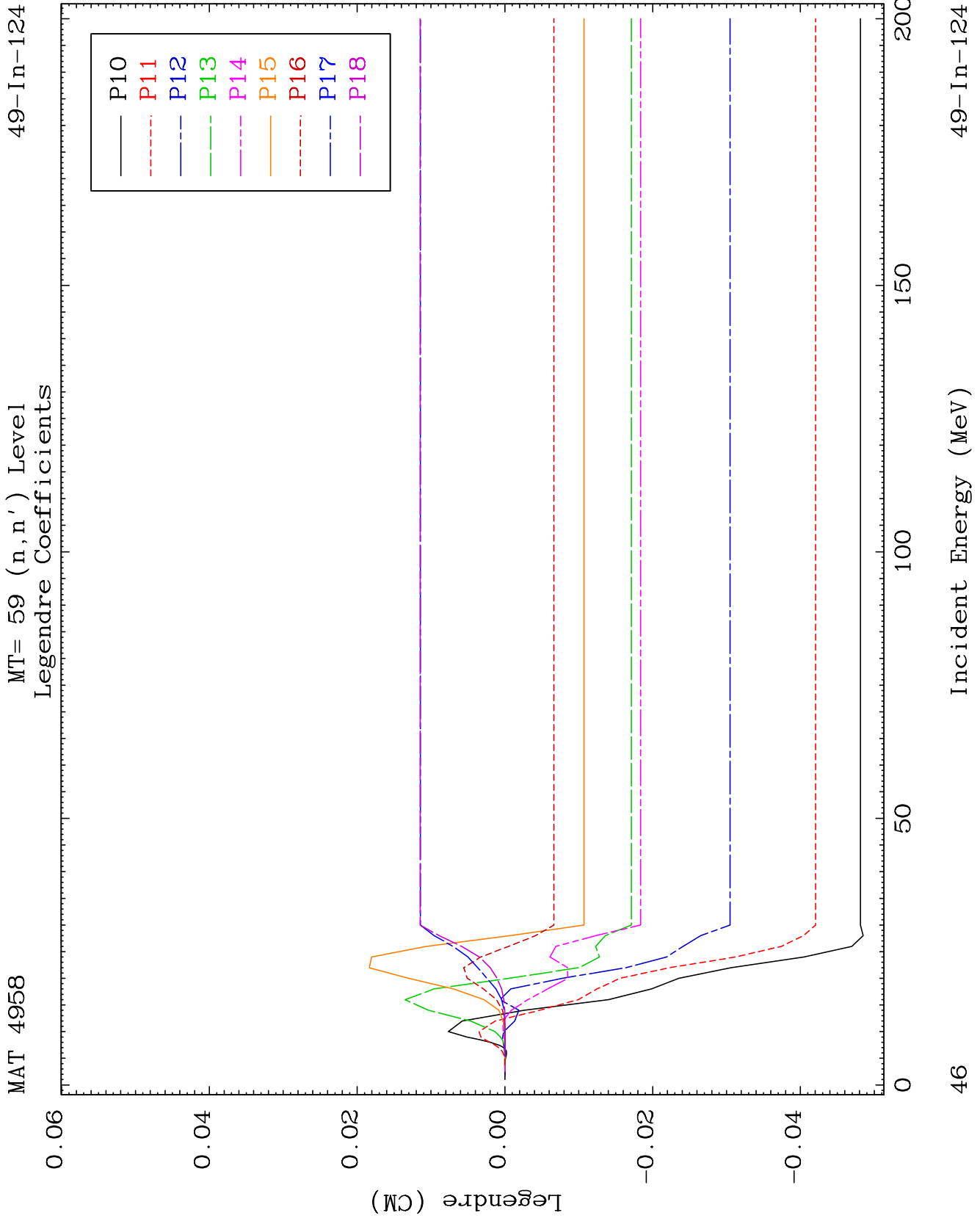
49-In-124



45

Incident Energy (MeV)

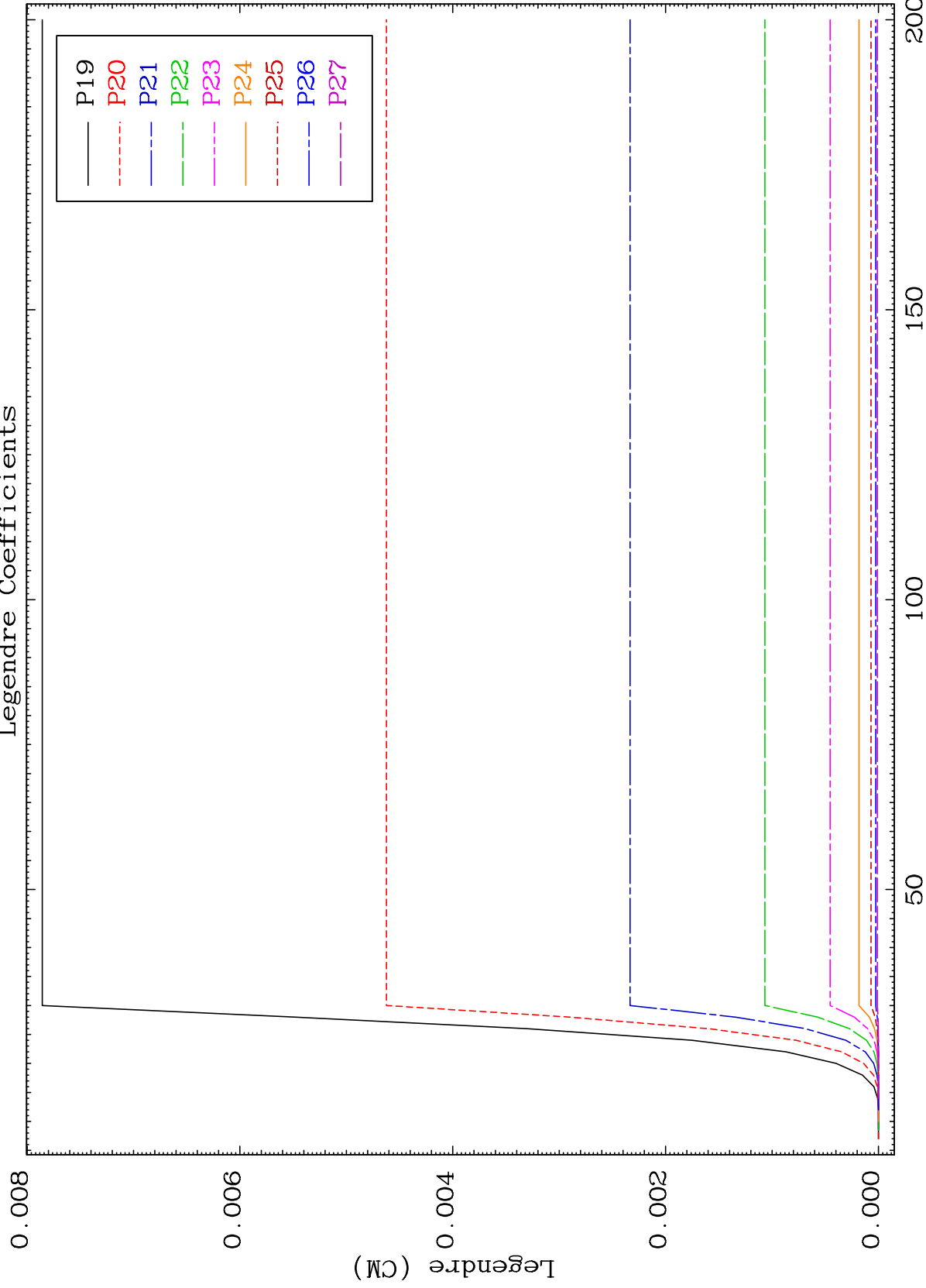
49-In-124



MAT 4958

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

49-In-124



49-In-124

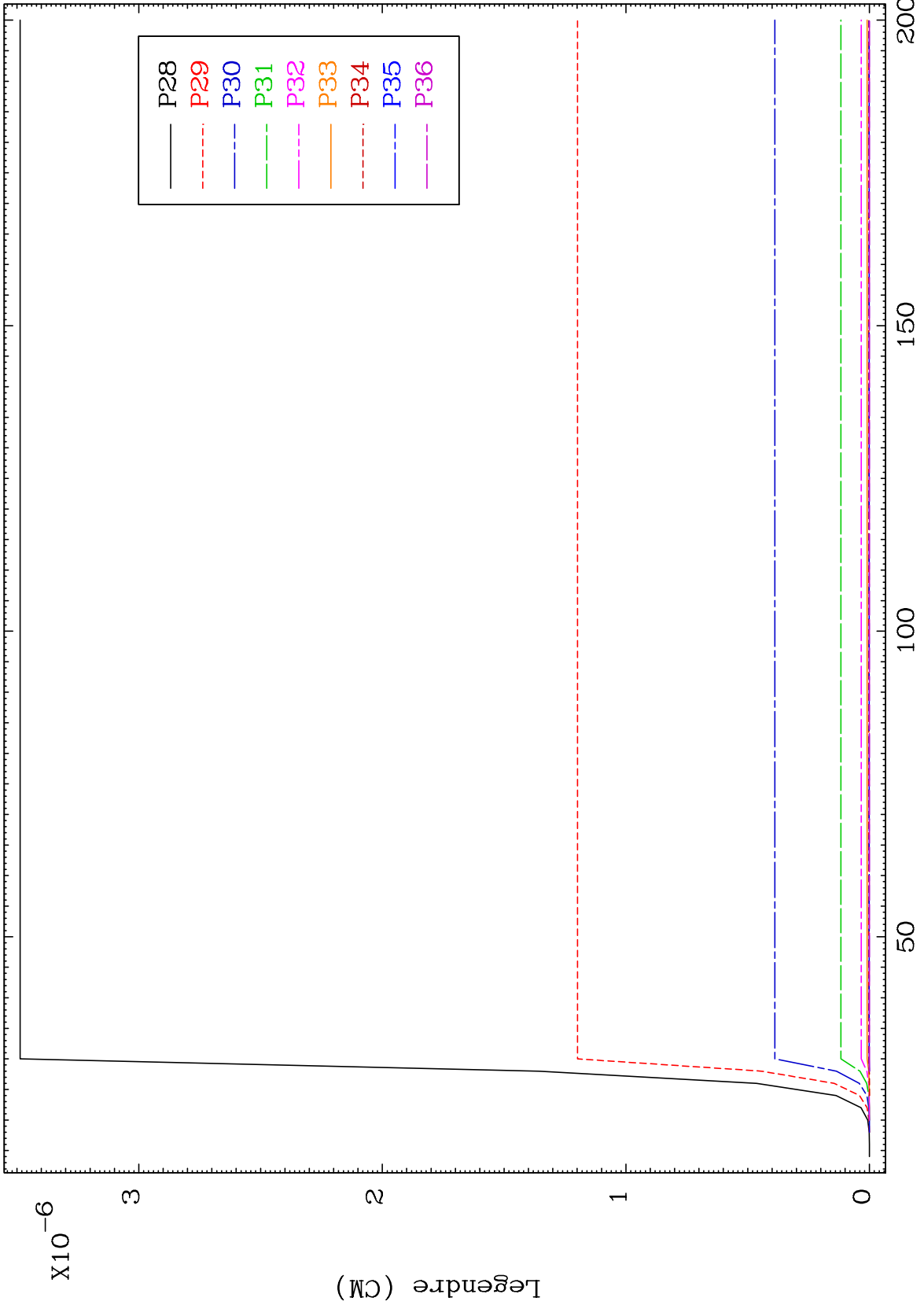
Incident Energy (MeV)

47

MAT 4958

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

49-In-124

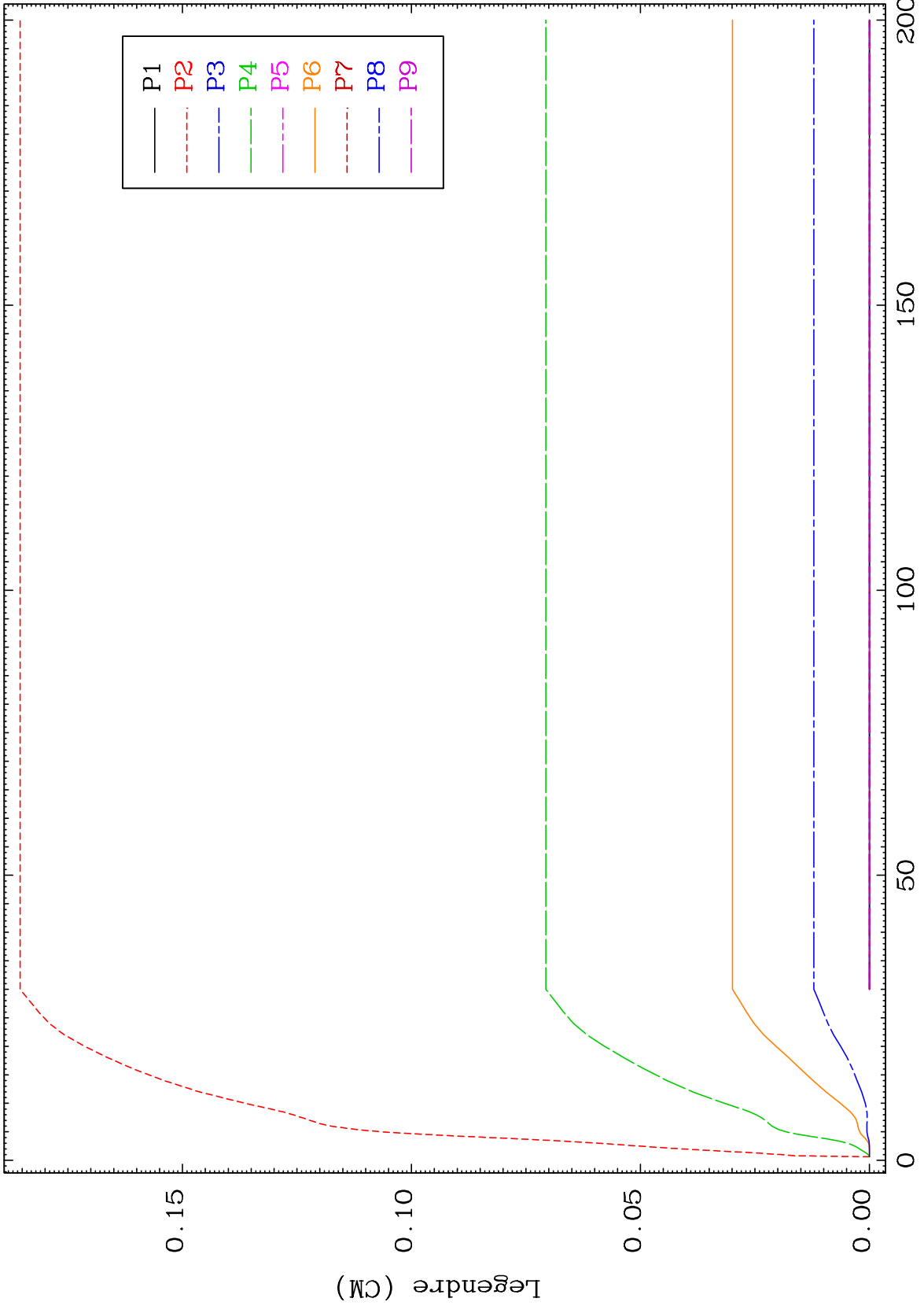


48

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 60 (n,n') Level Legendre Coefficients 49-In-124

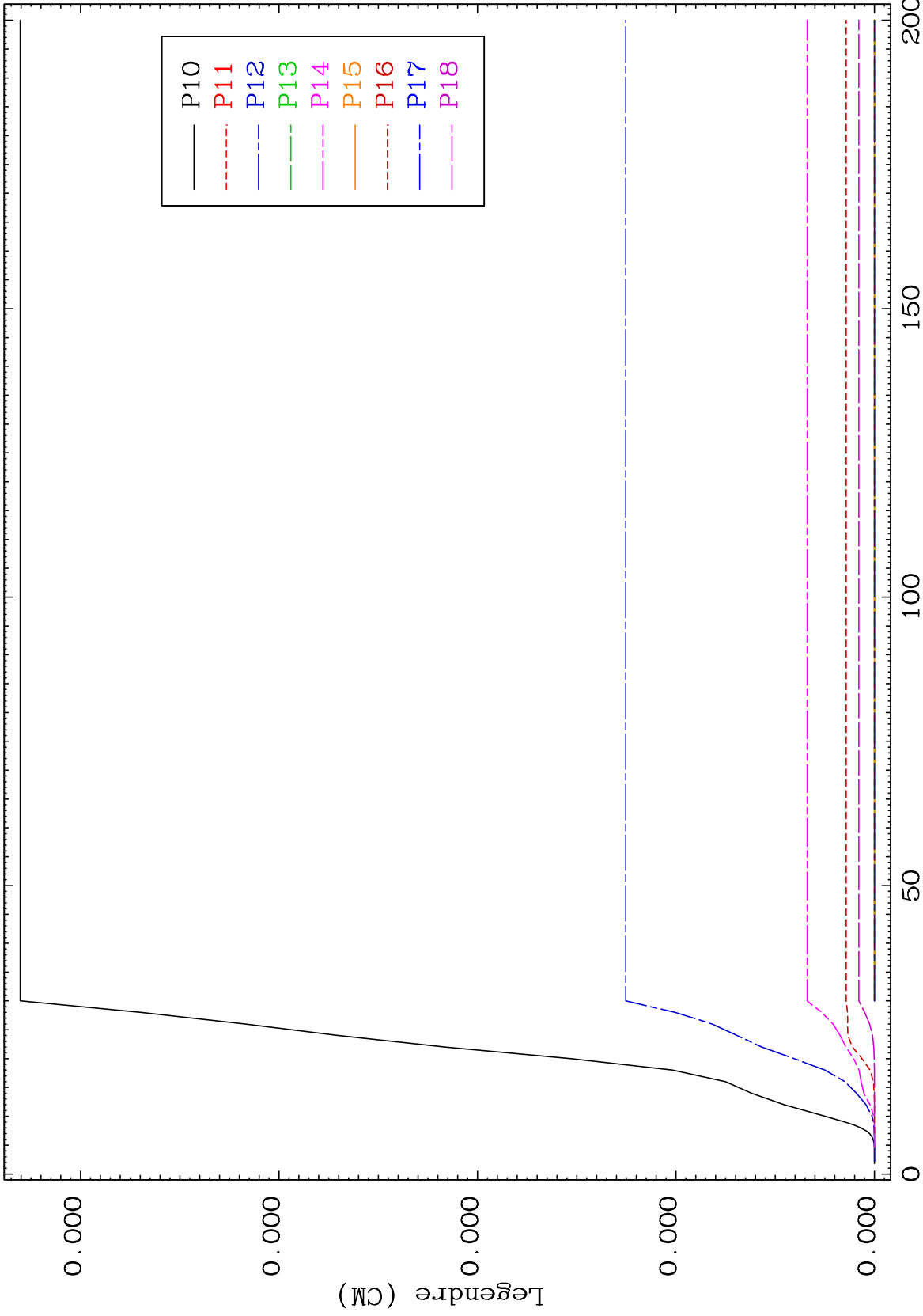


49-In-124

MAT 4958

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

49-In-124

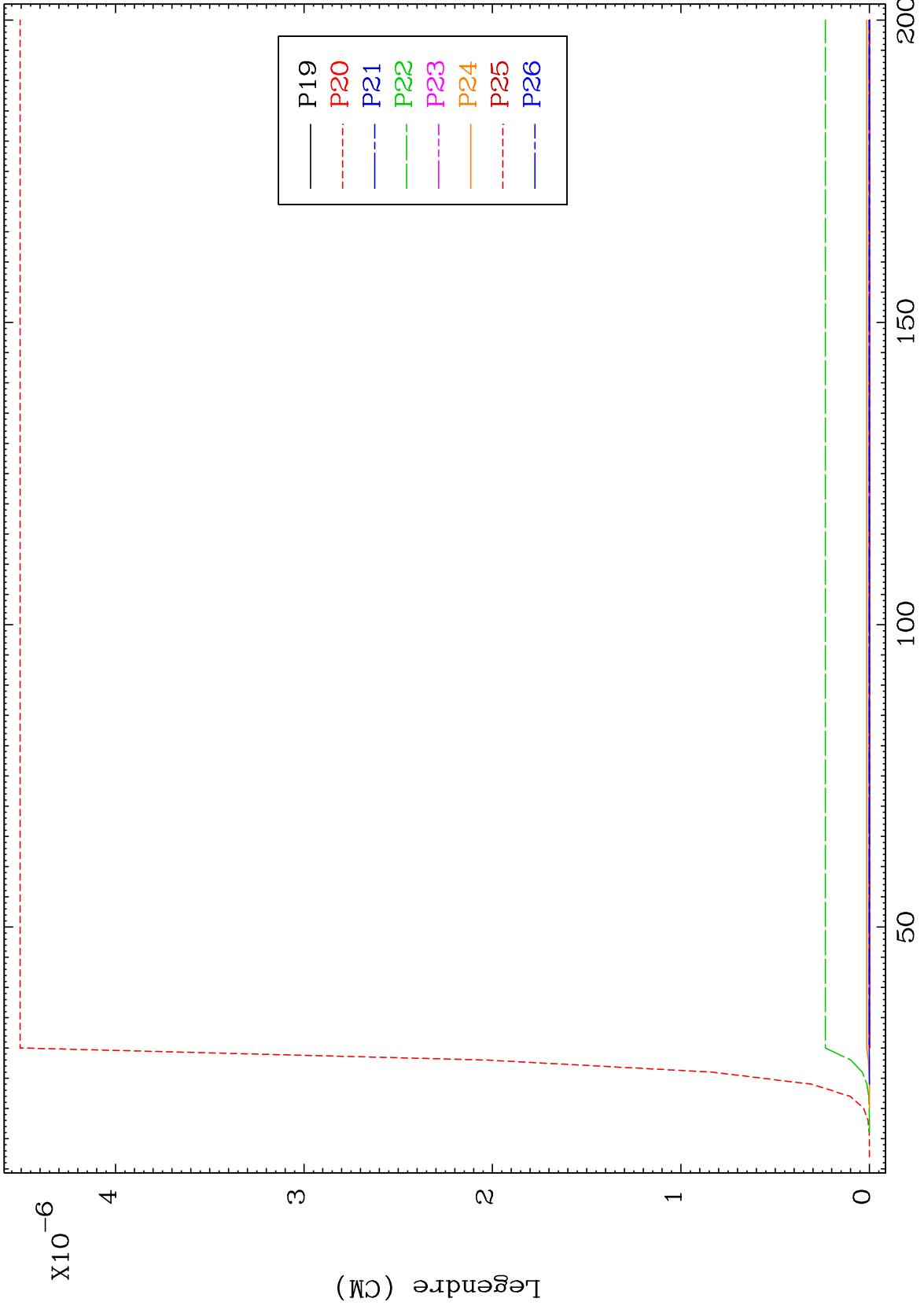


50

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 60 (n,n') Level Legendre Coefficients 49-In-124

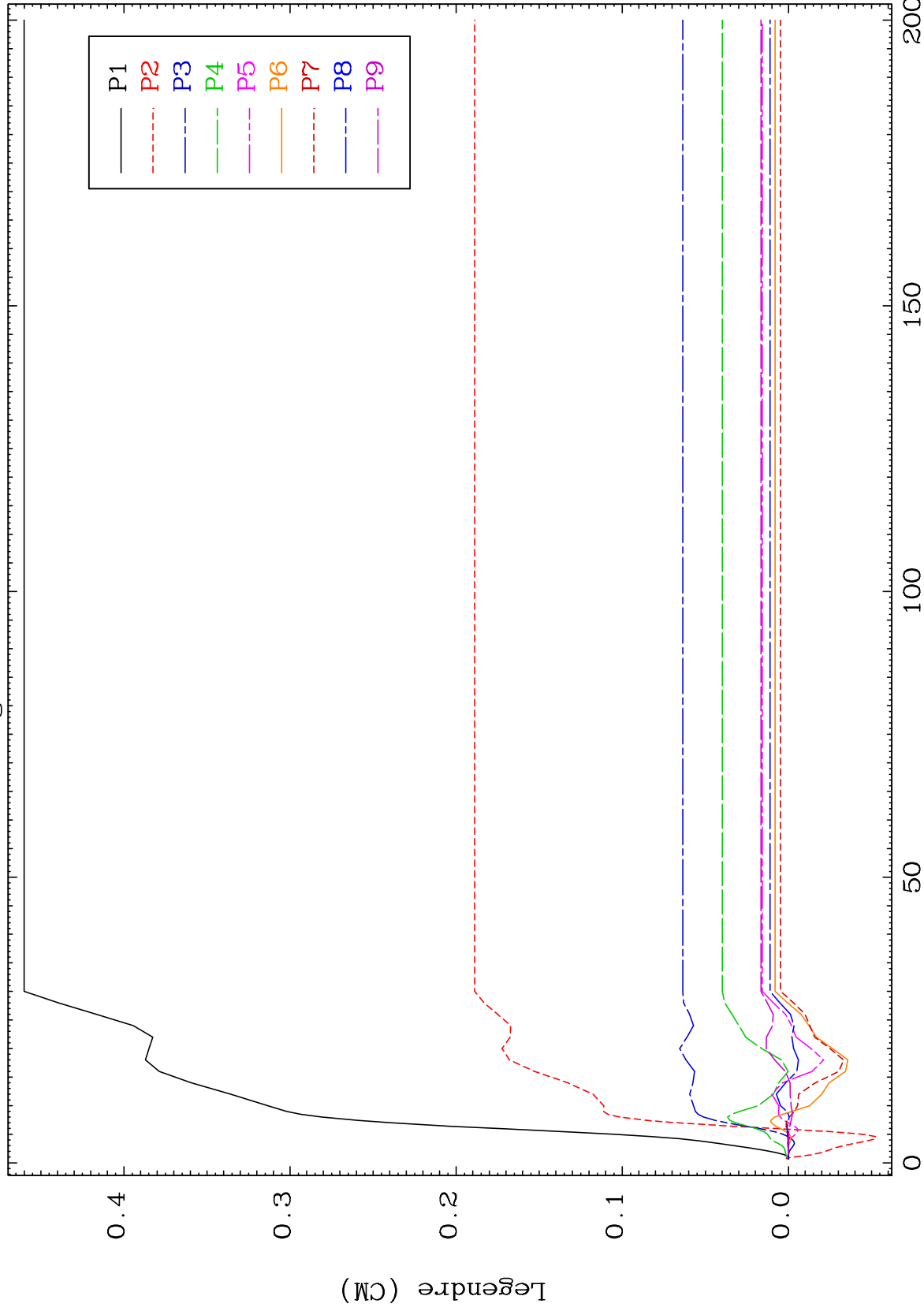


51 Incident Energy (MeV) 49-In-124

MAT 4958

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

49-In-124



52

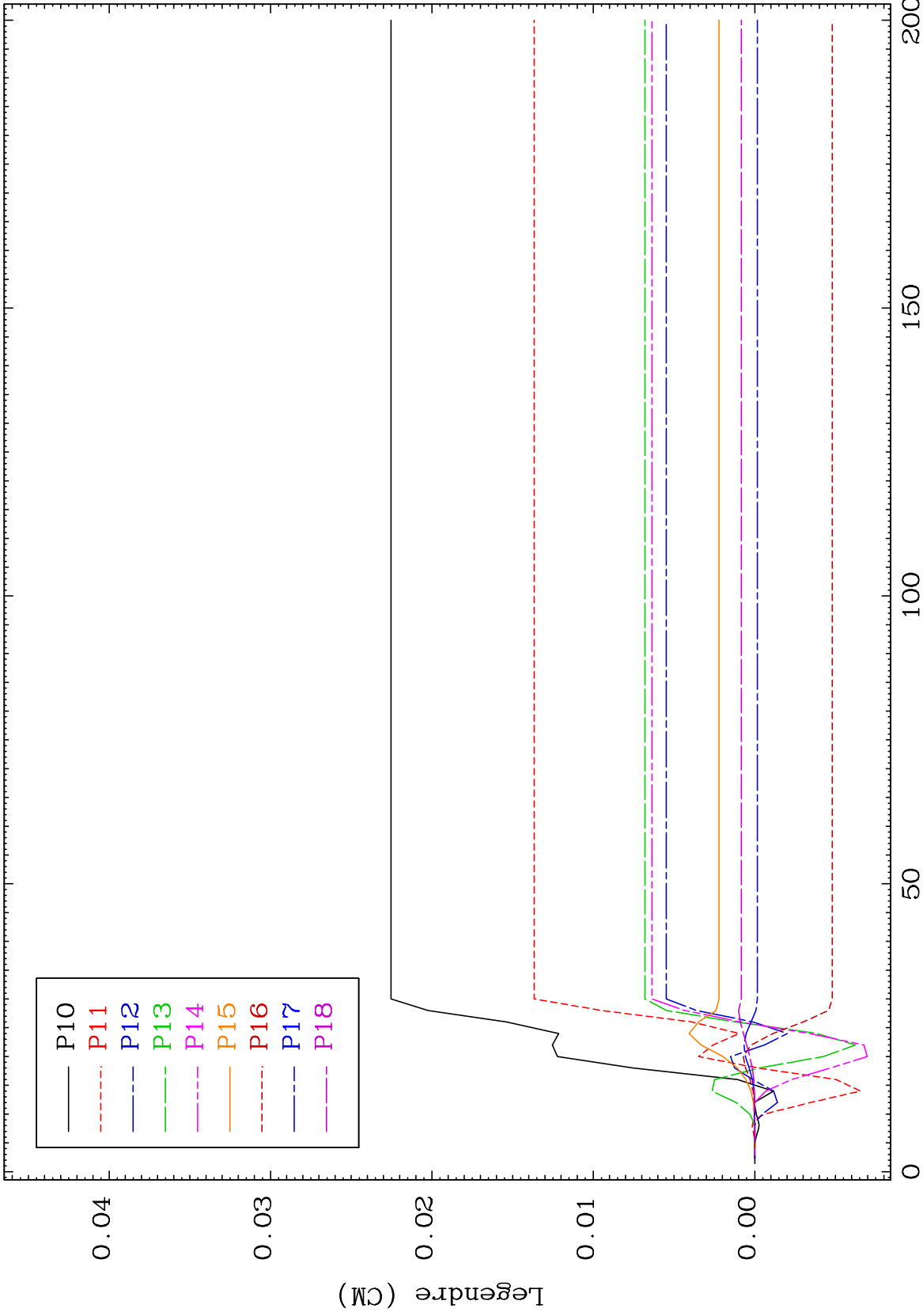
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



53

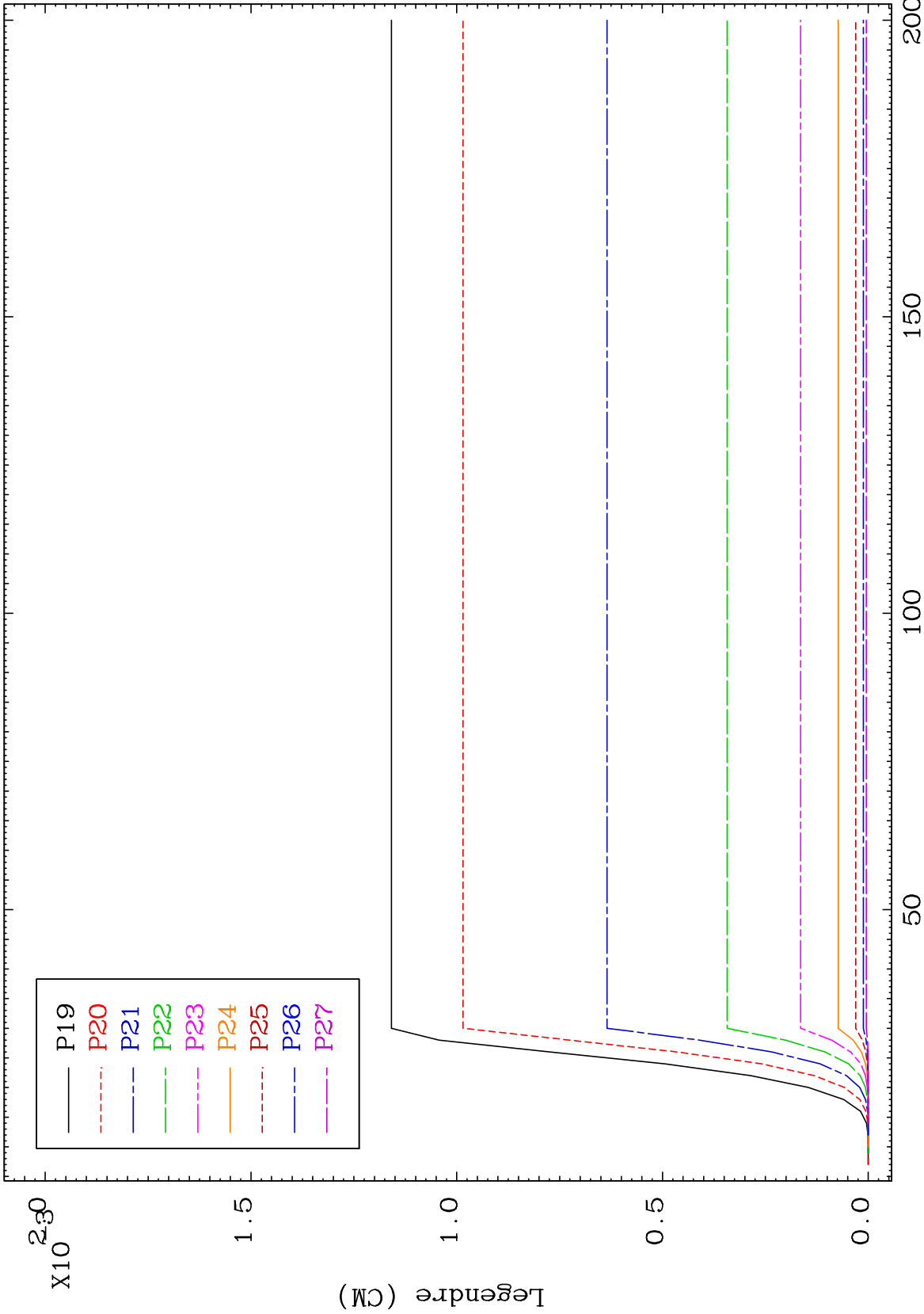
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



54

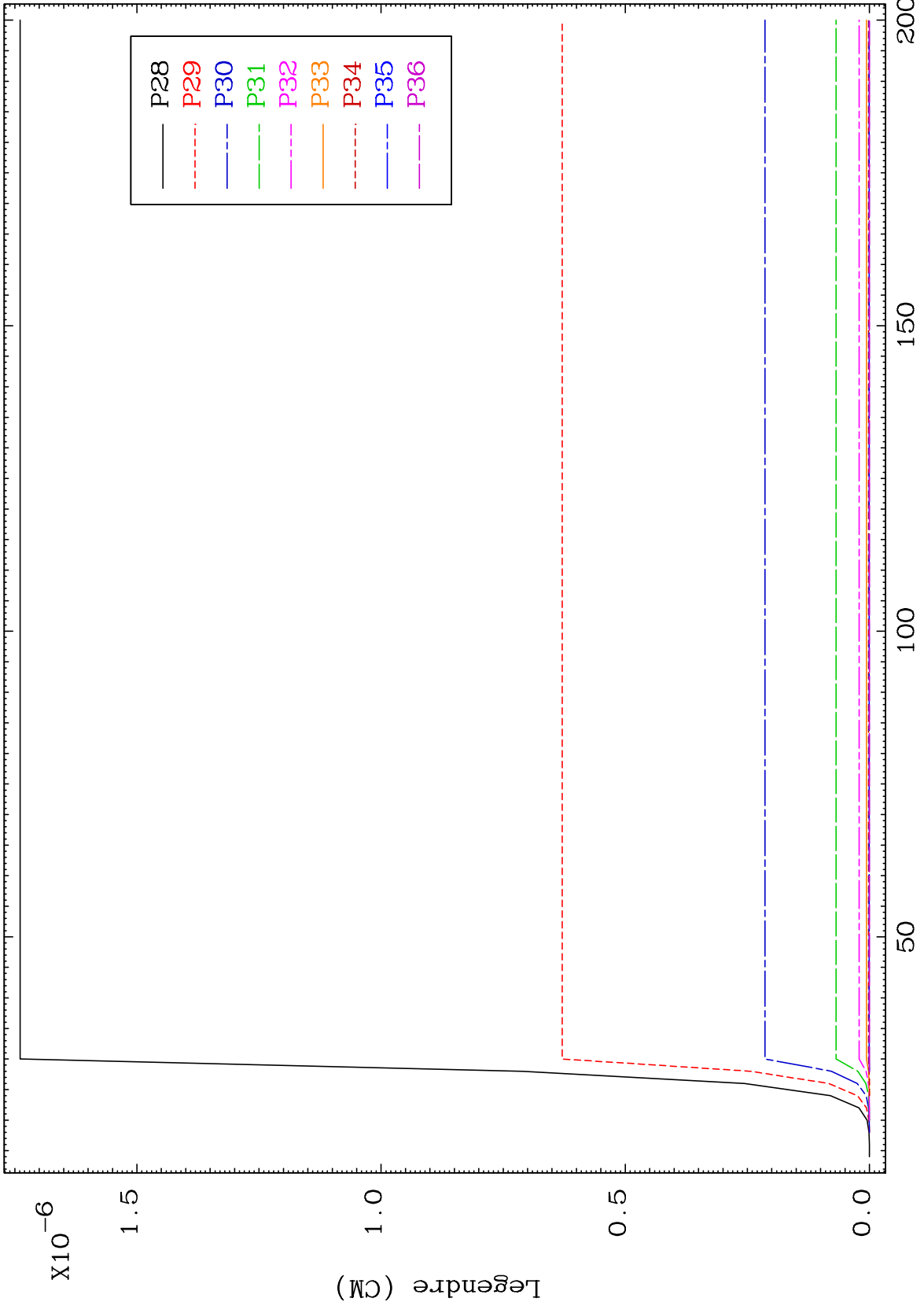
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



55

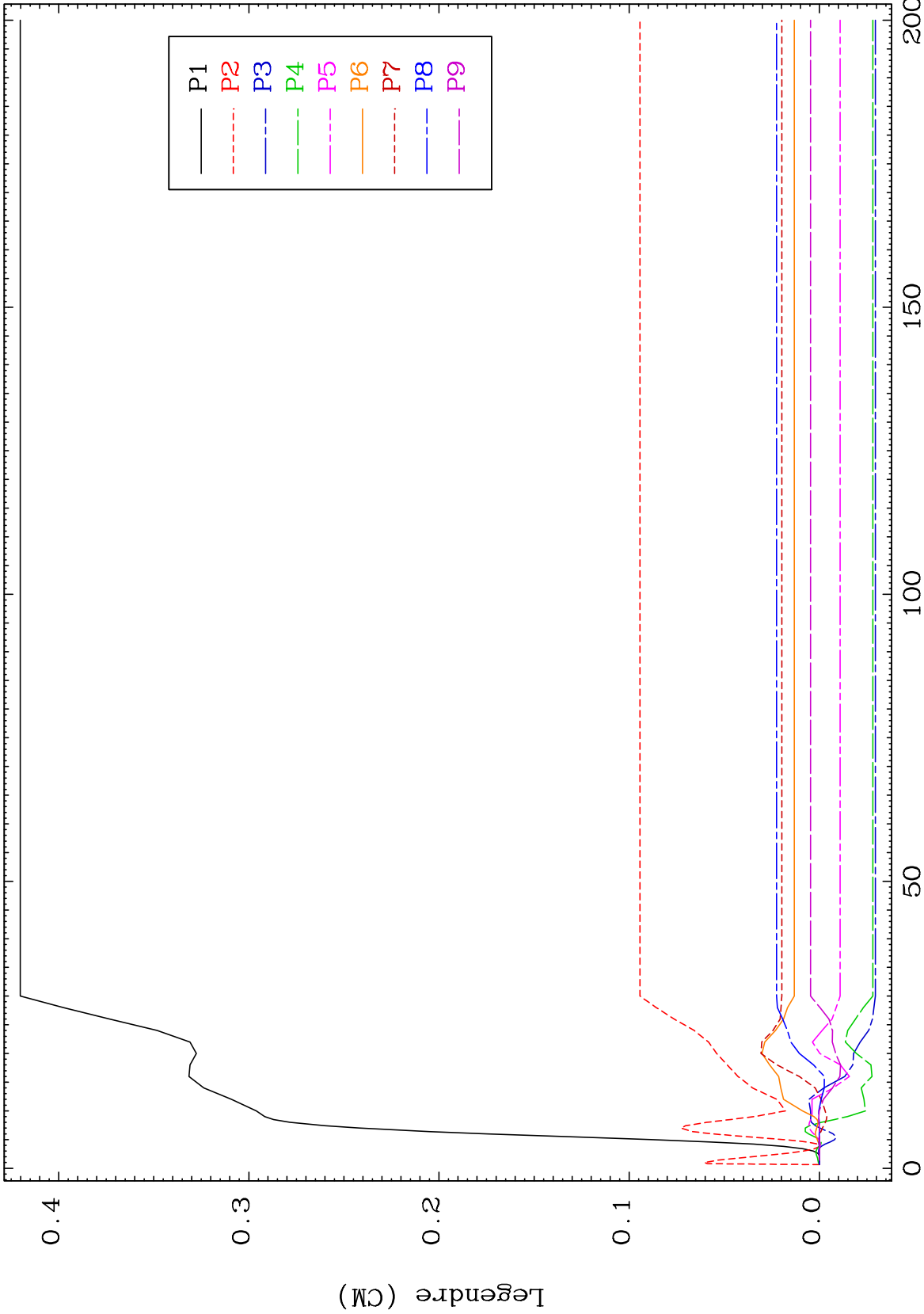
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

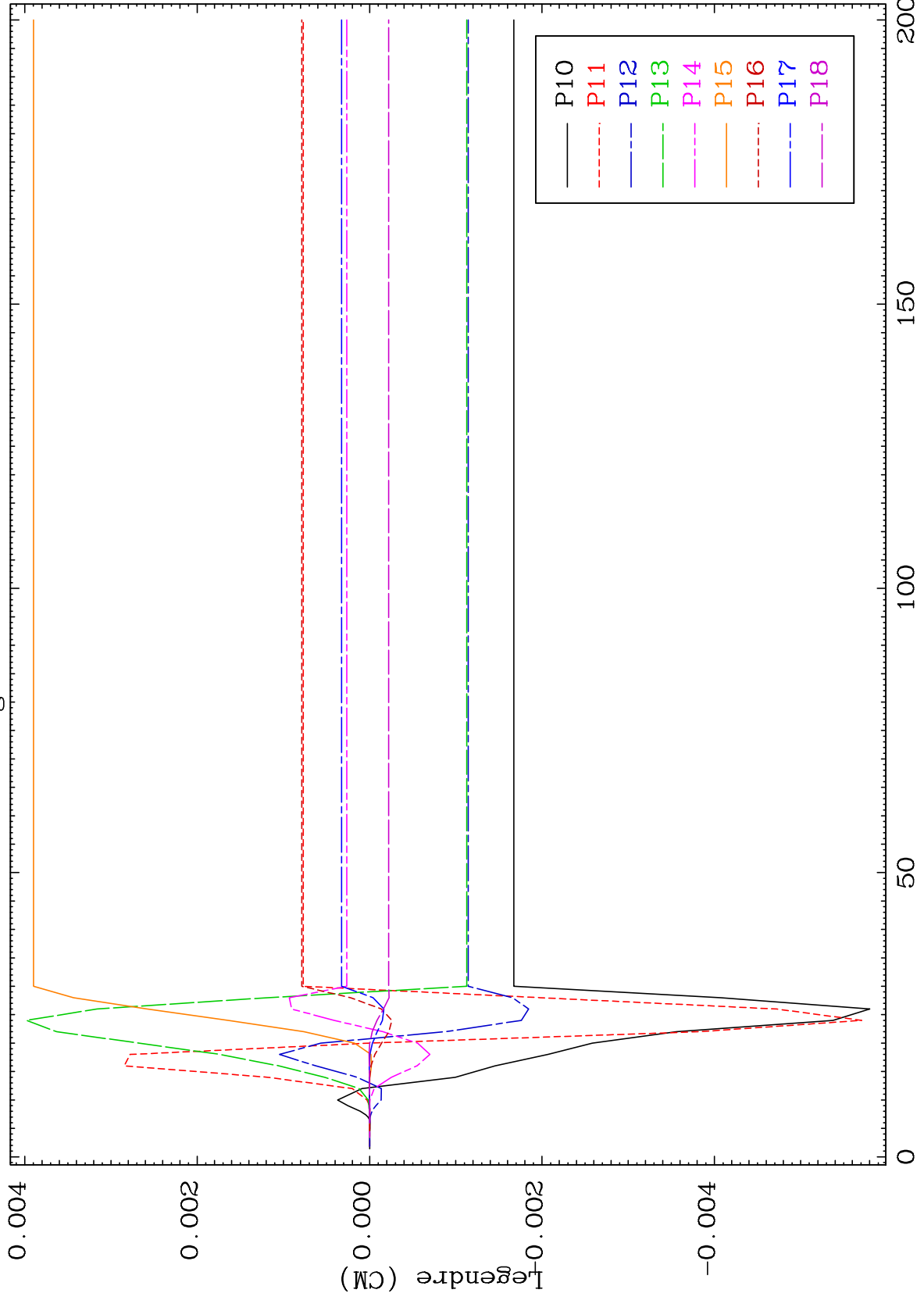


56

Incident Energy (MeV)

49-In-124

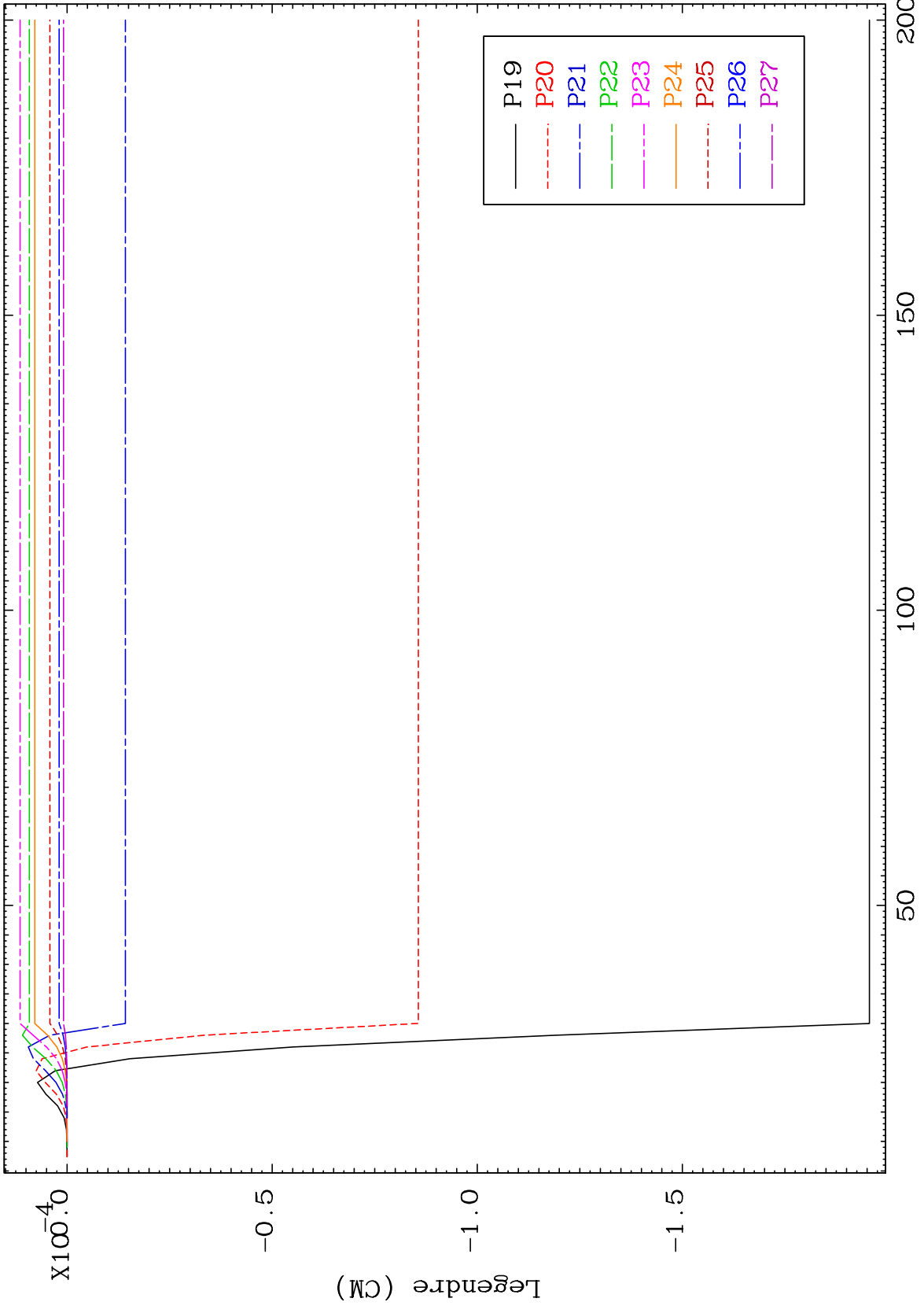
MAT 4958 MT= 62 (n,n') Level Legendre Coefficients 49-In-124



49-In-124

Incident Energy (MeV)

MAT 4958 MT= 62 (n,n') Level Legendre Coefficients 49-In-124

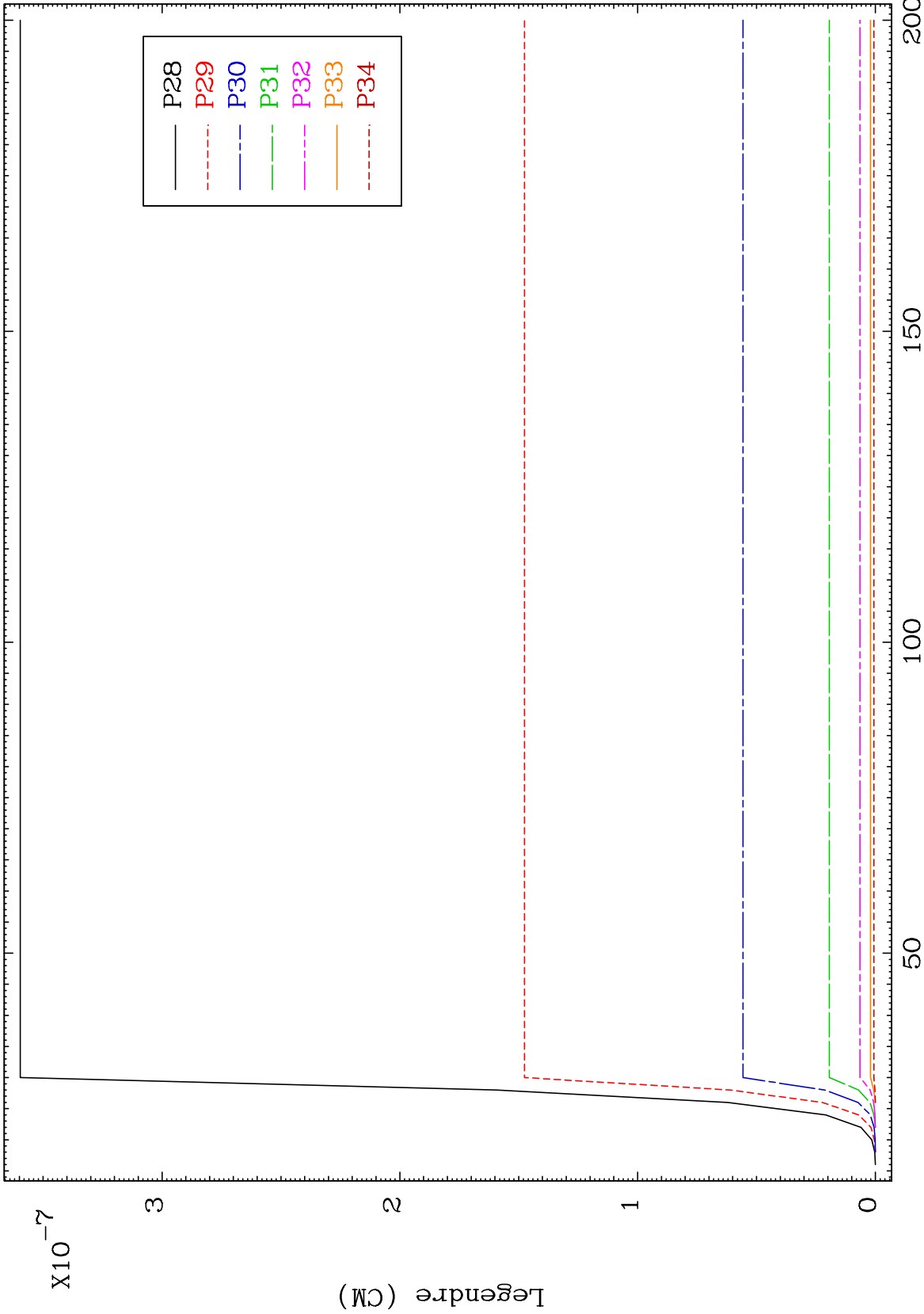


58 49-In-124

MAT 4958

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

49-In-124

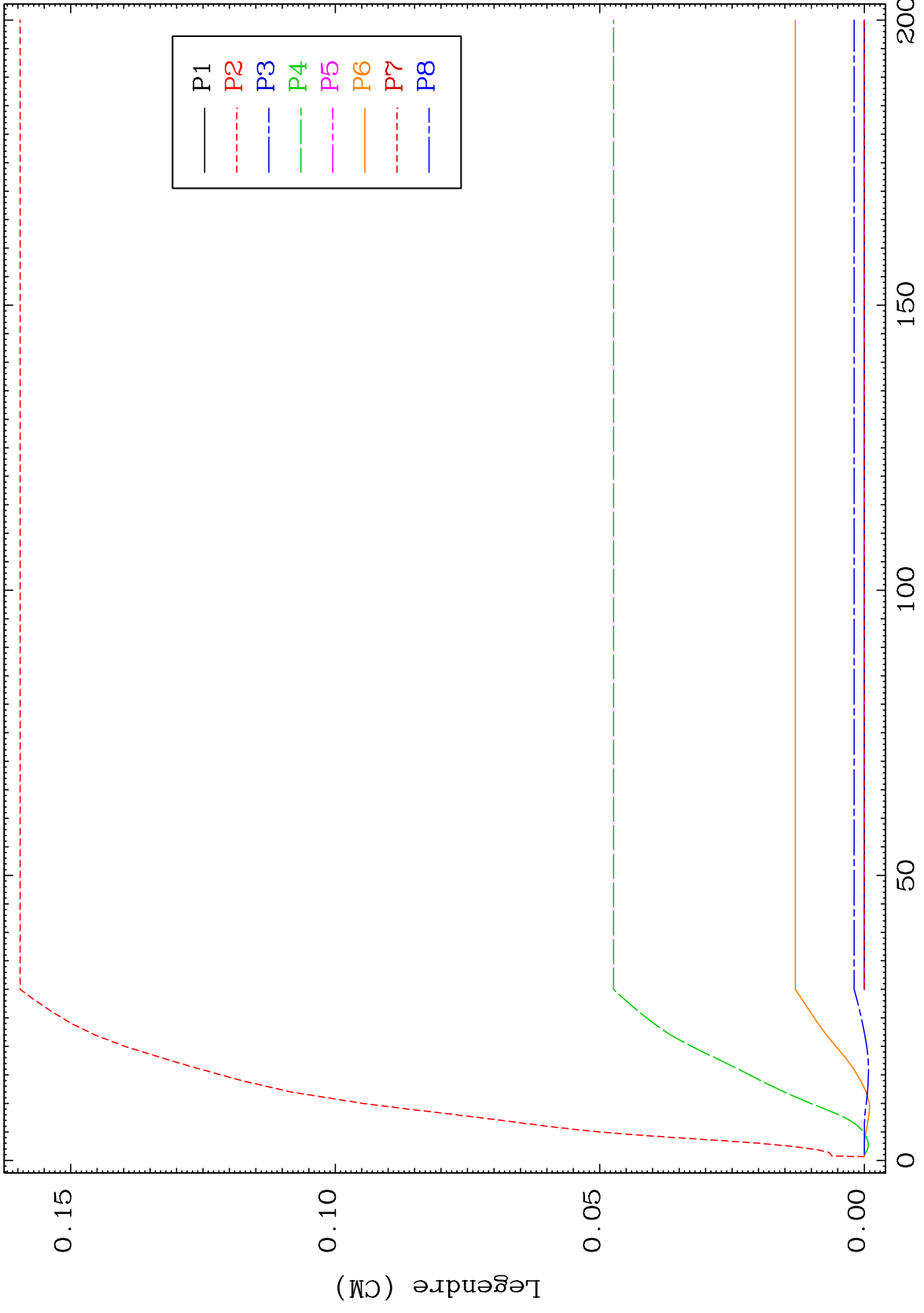


59

Incident Energy (MeV)

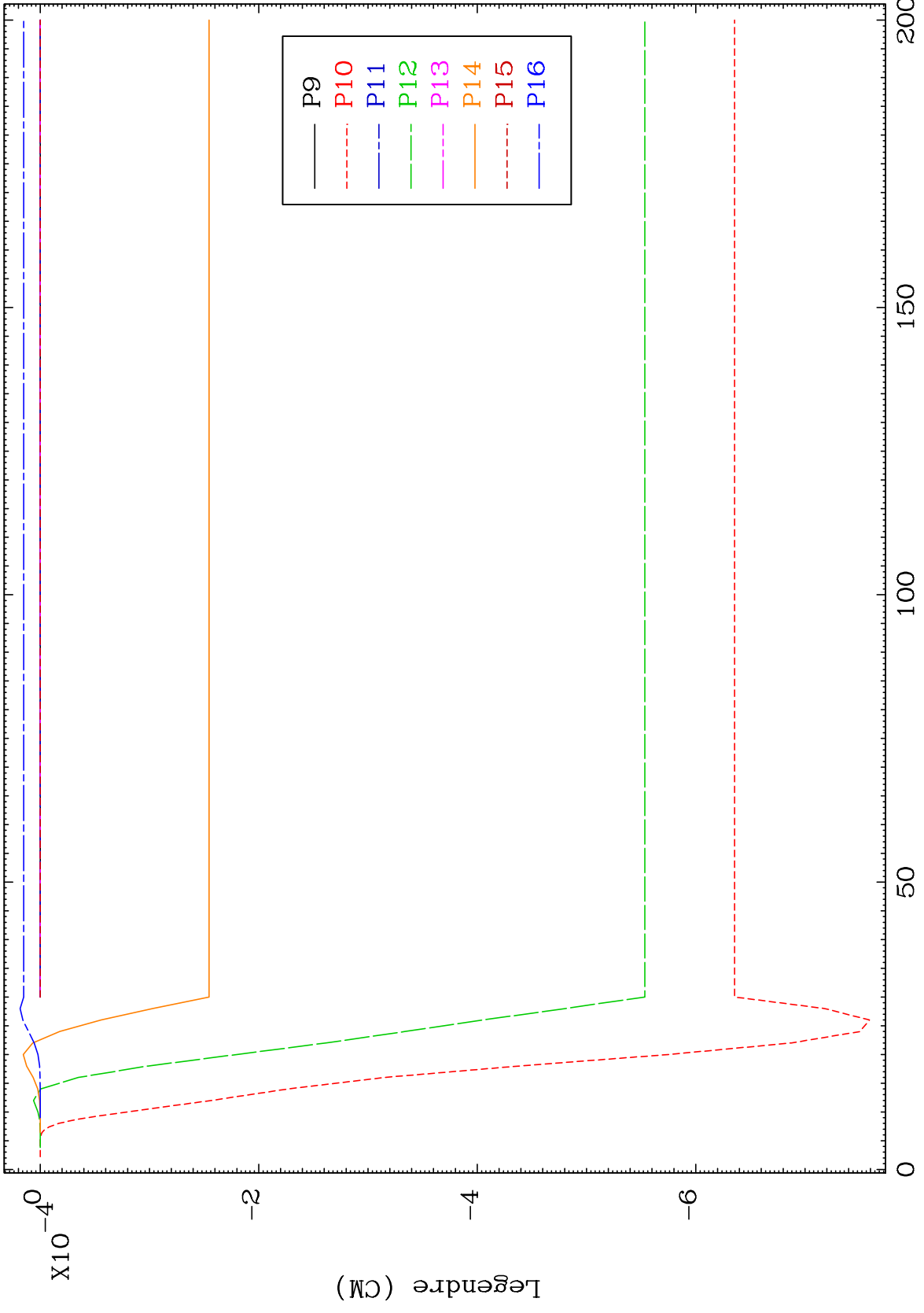
49-In-124

MAT 4958 MT= 63 (n,n') Level Legendre Coefficients 49-In-124



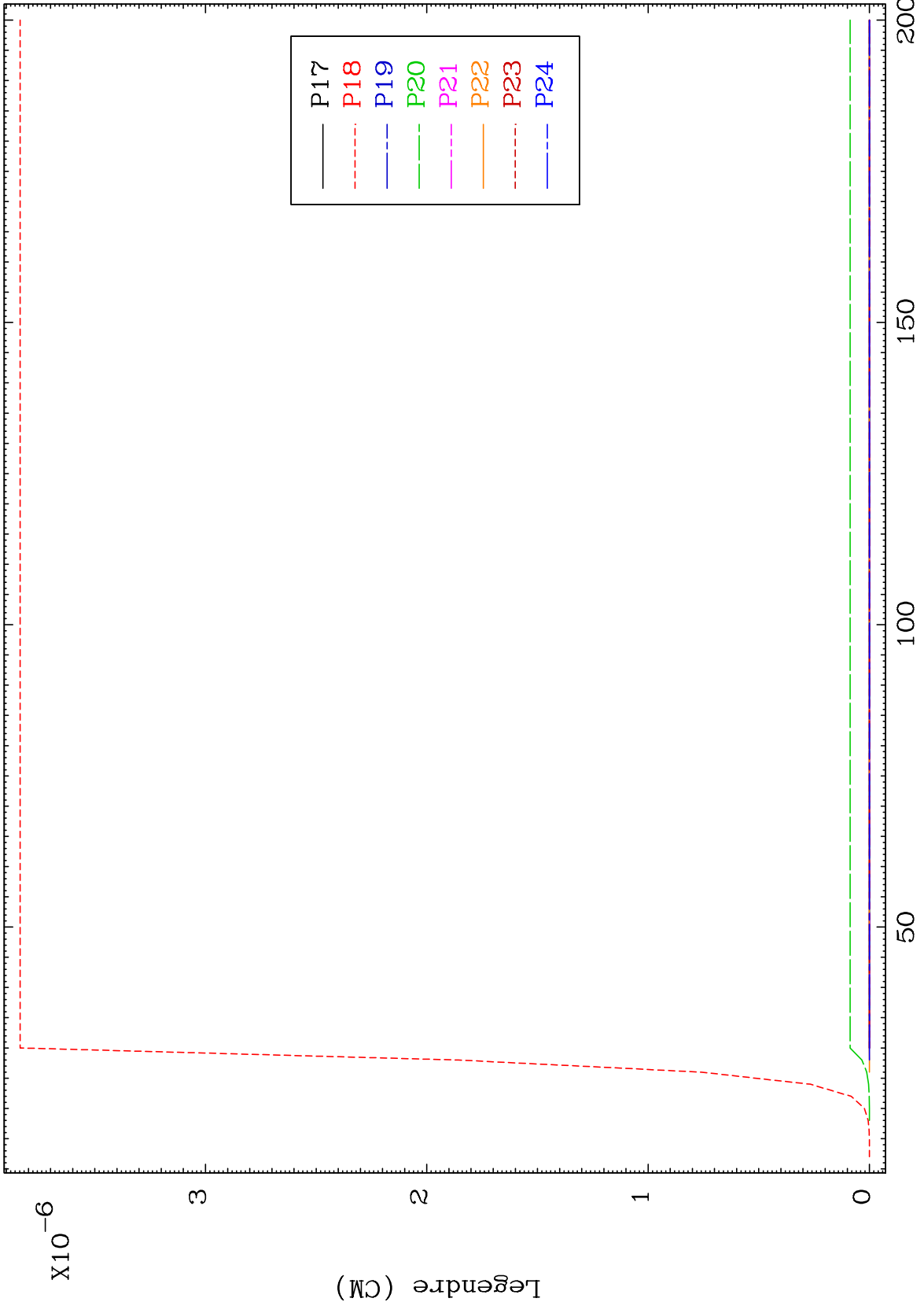
Legendre (CM) Incident Energy (MeV) 49-In-124

MAT 4958 MT= 63 (n,n') Level Legendre Coefficients 49-In-124



61 49-In-124

MAT 4958 MT= 63 (n,n') Level Legendre Coefficients 49-In-124

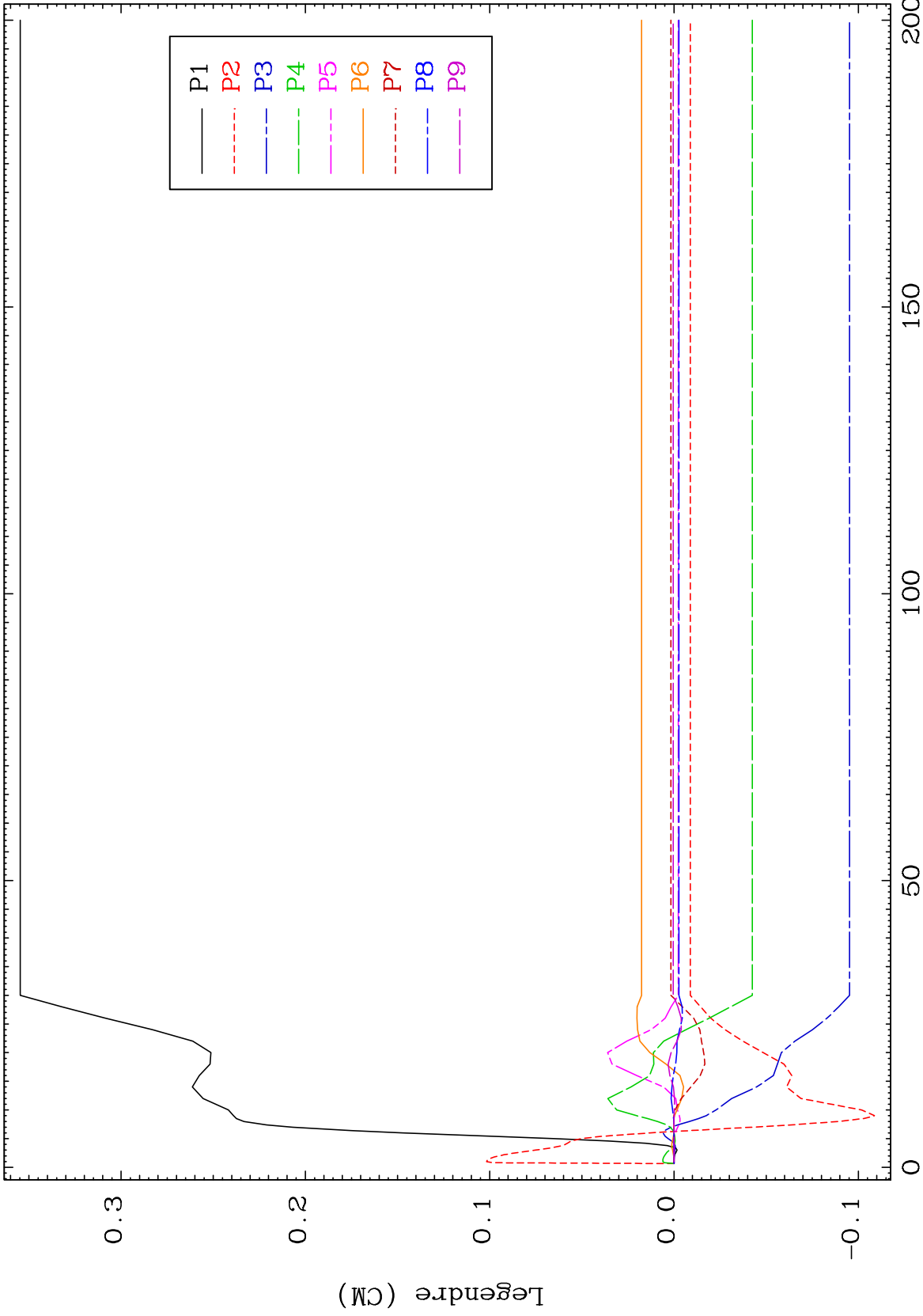


62 49-In-124

MAT 4958

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

49-In-124



63

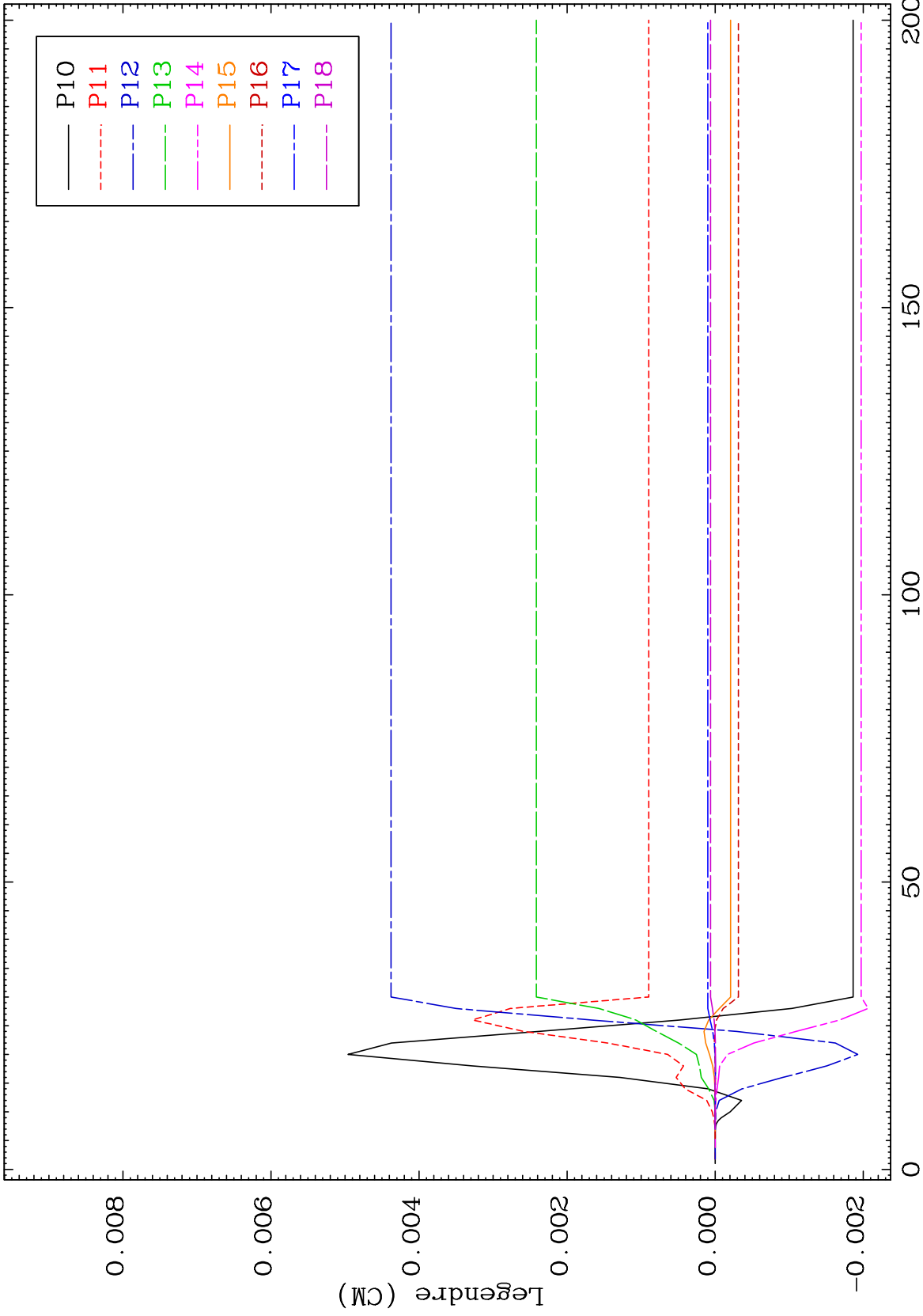
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



64

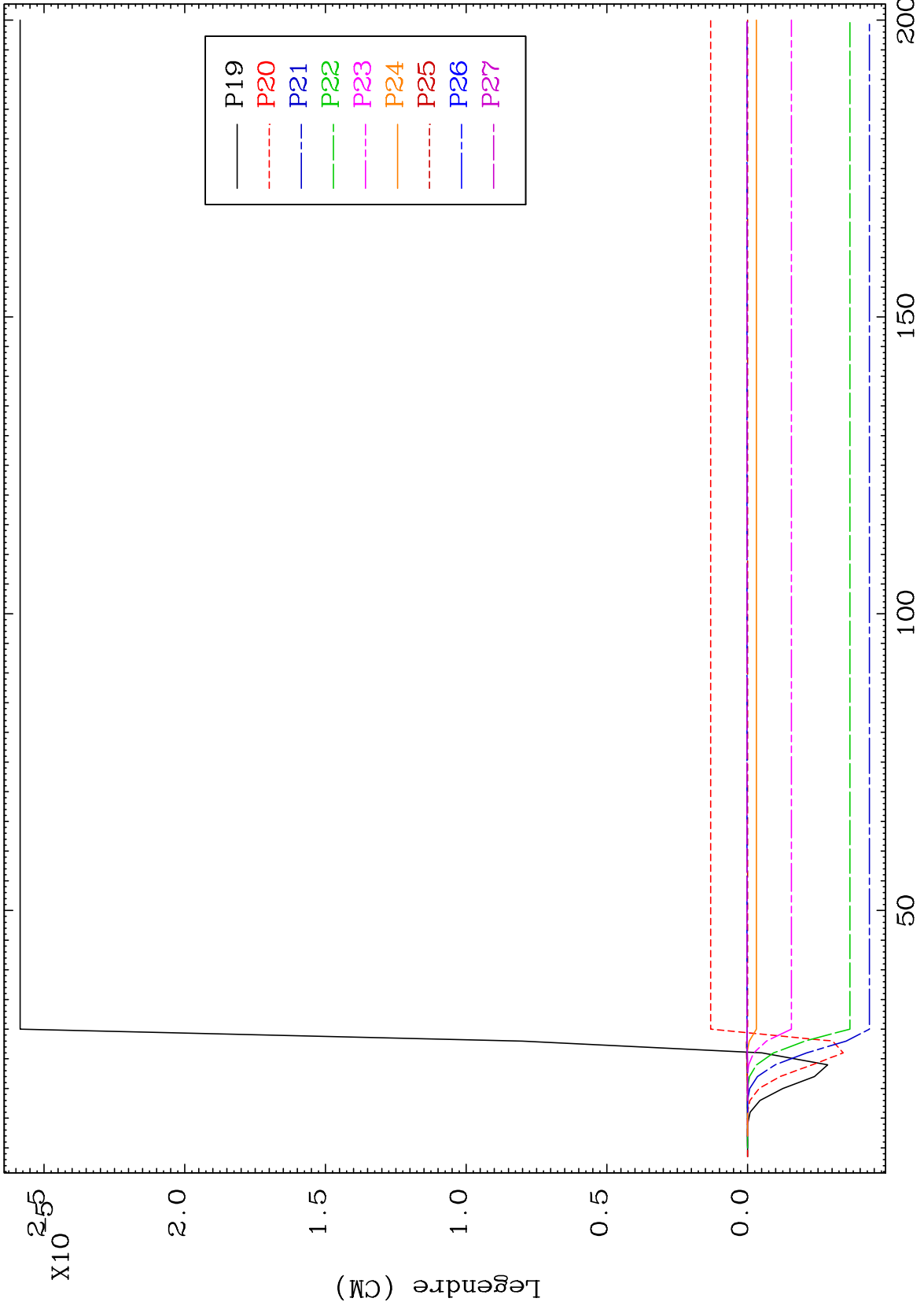
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



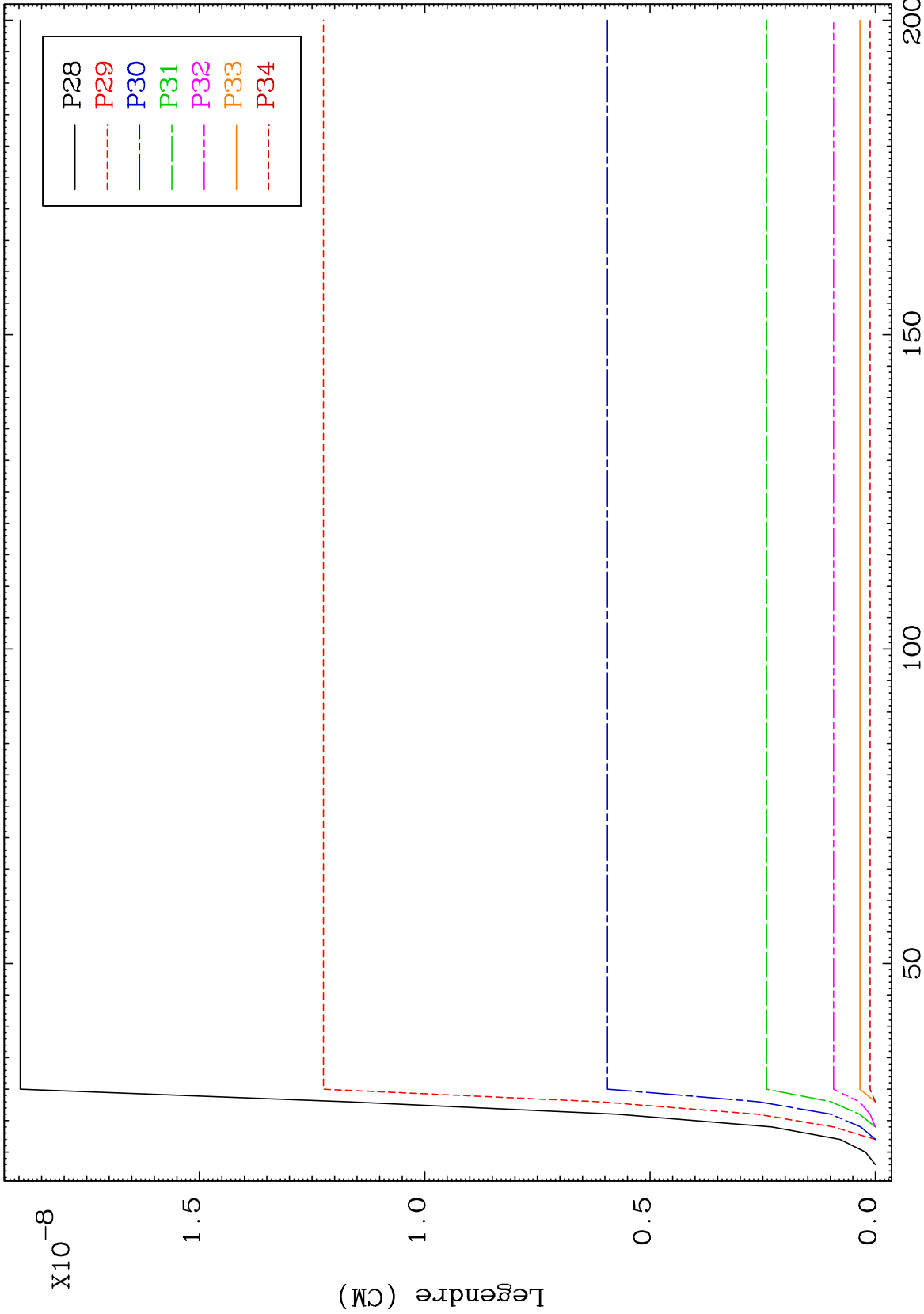
65

49-In-124

MAT 4958

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

49-In-124



66

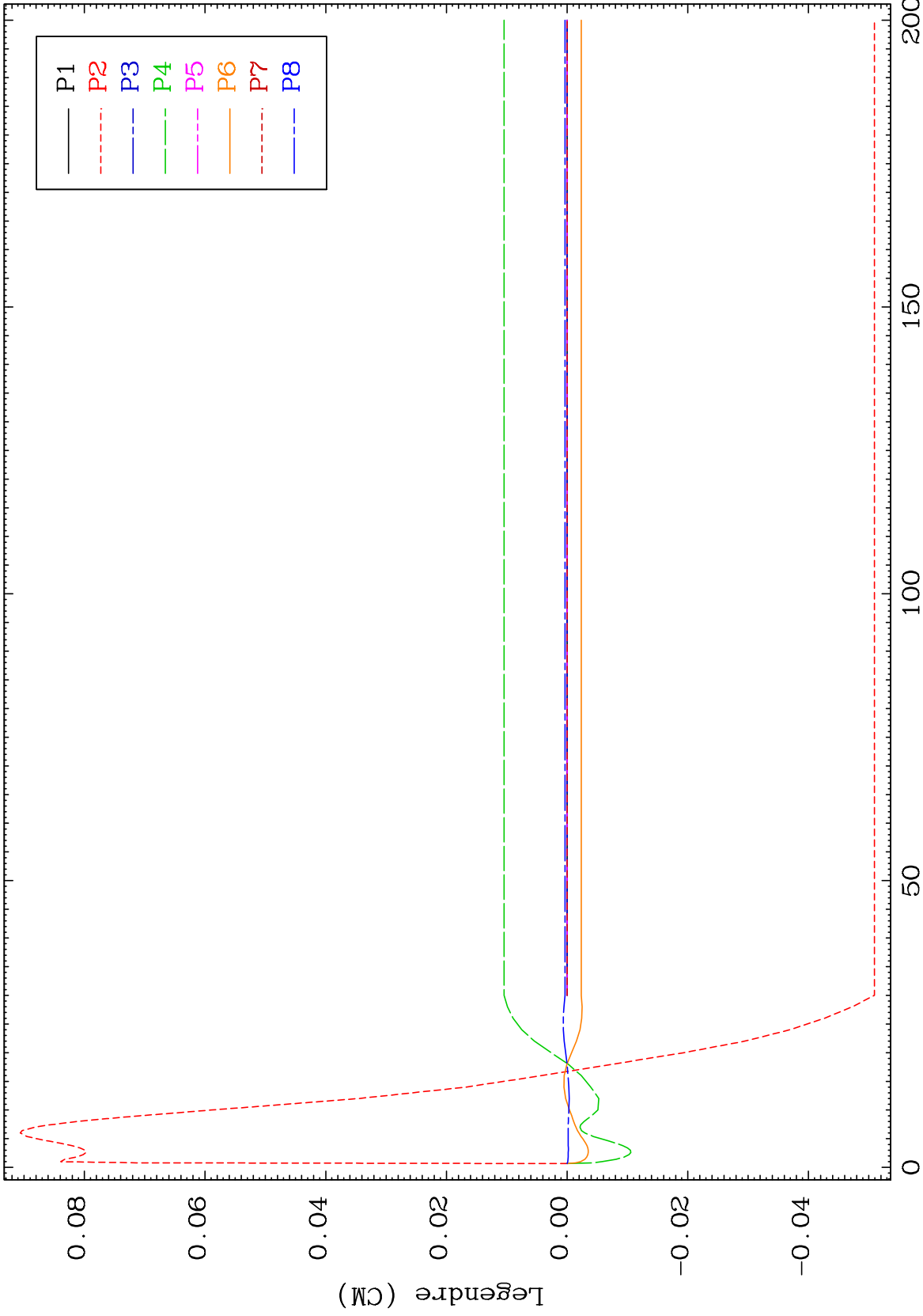
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



67

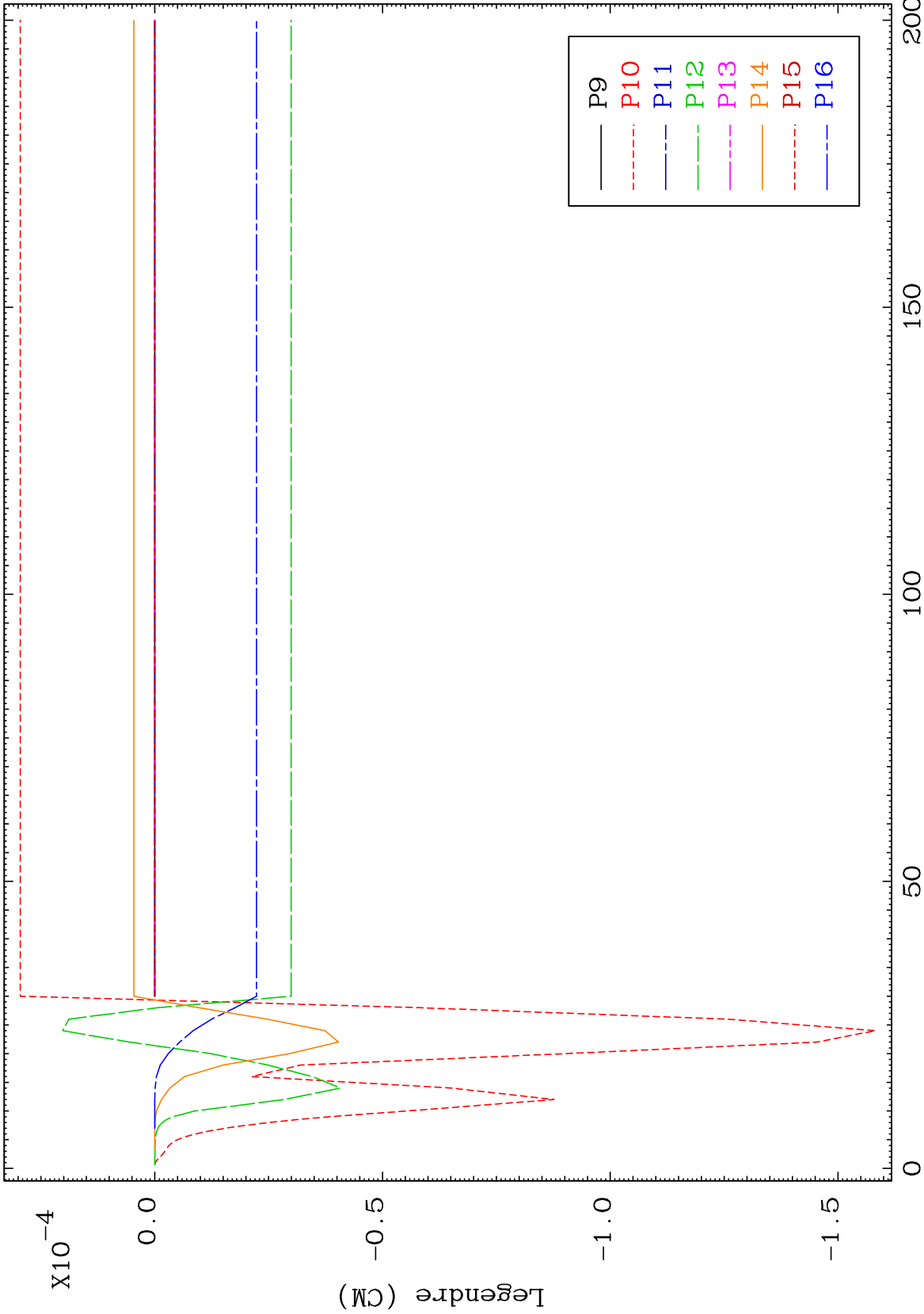
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

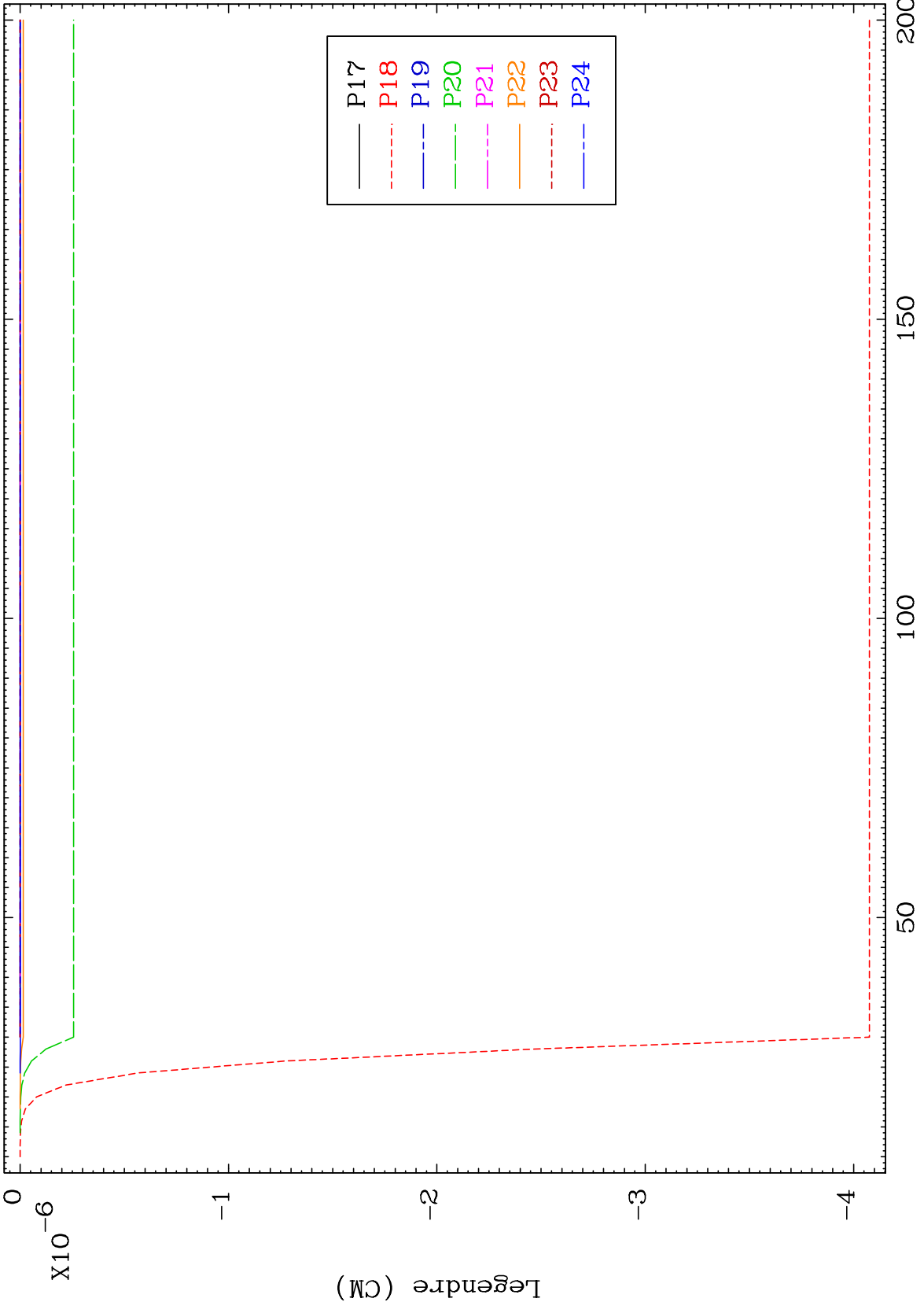


68

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 65 (n,n') Level Legendre Coefficients 49-In-124

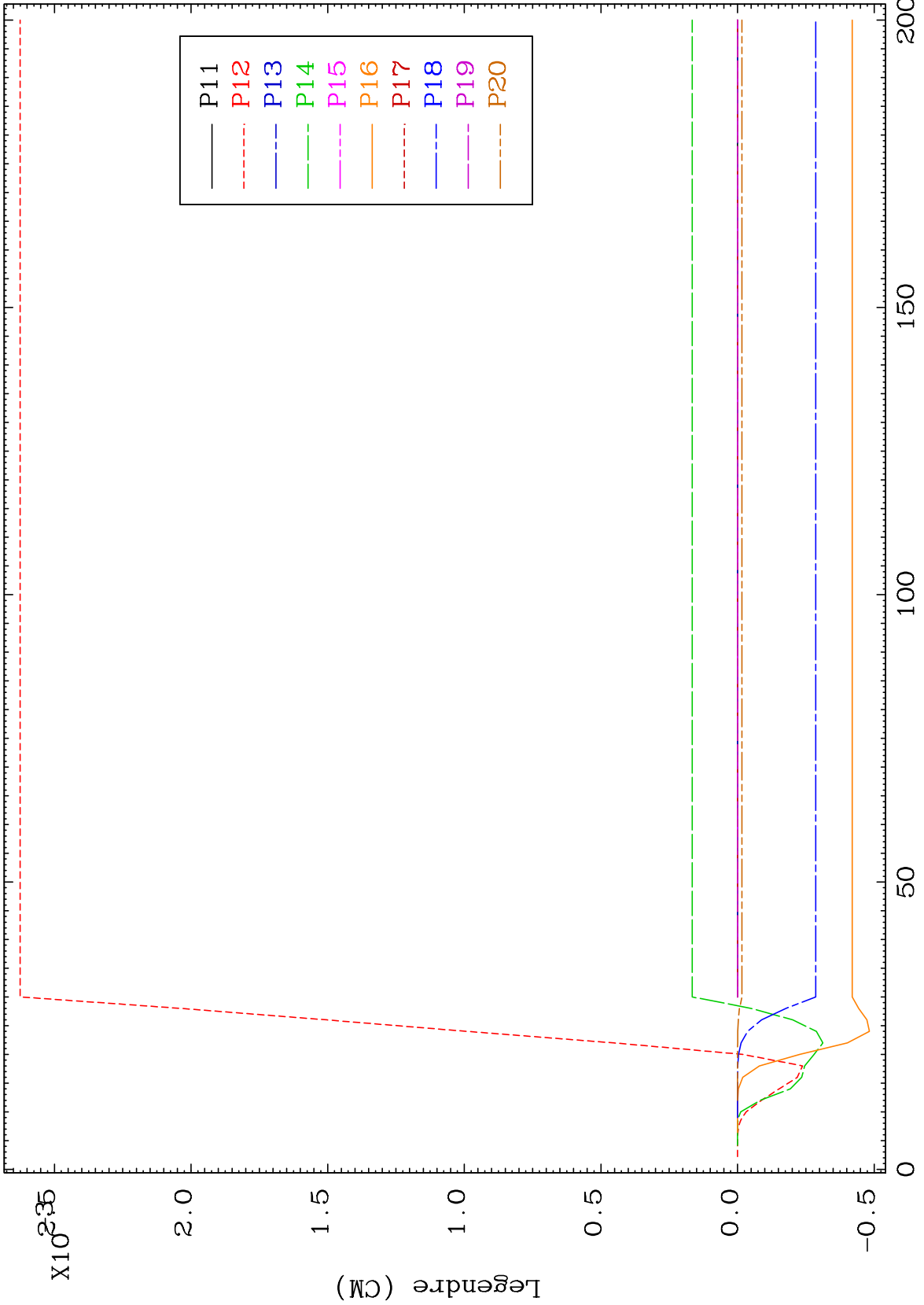


69 49-In-124

MAT 4958

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

49-In-124

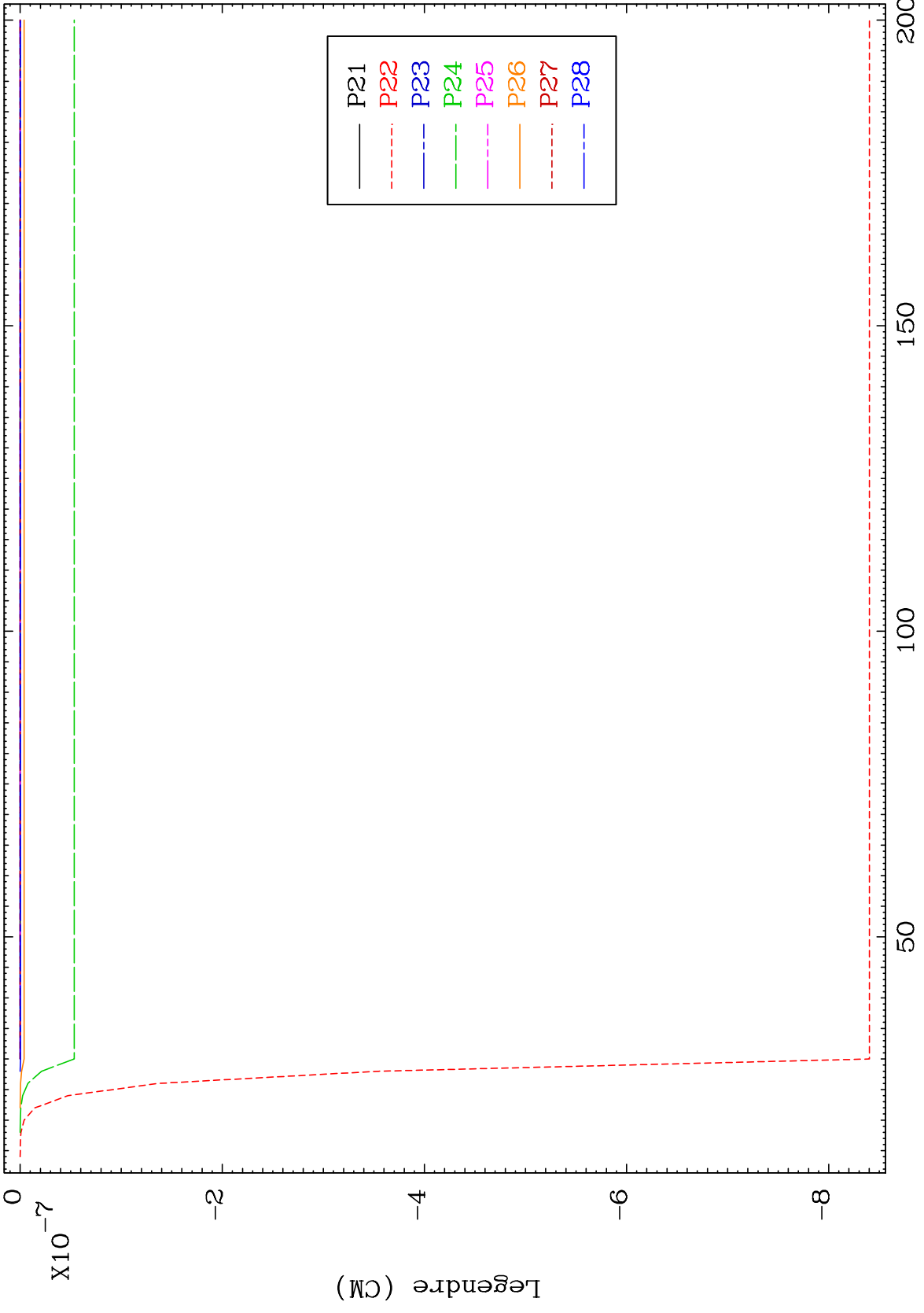


71

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 66 (n,n') Level Legendre Coefficients 49-In-124

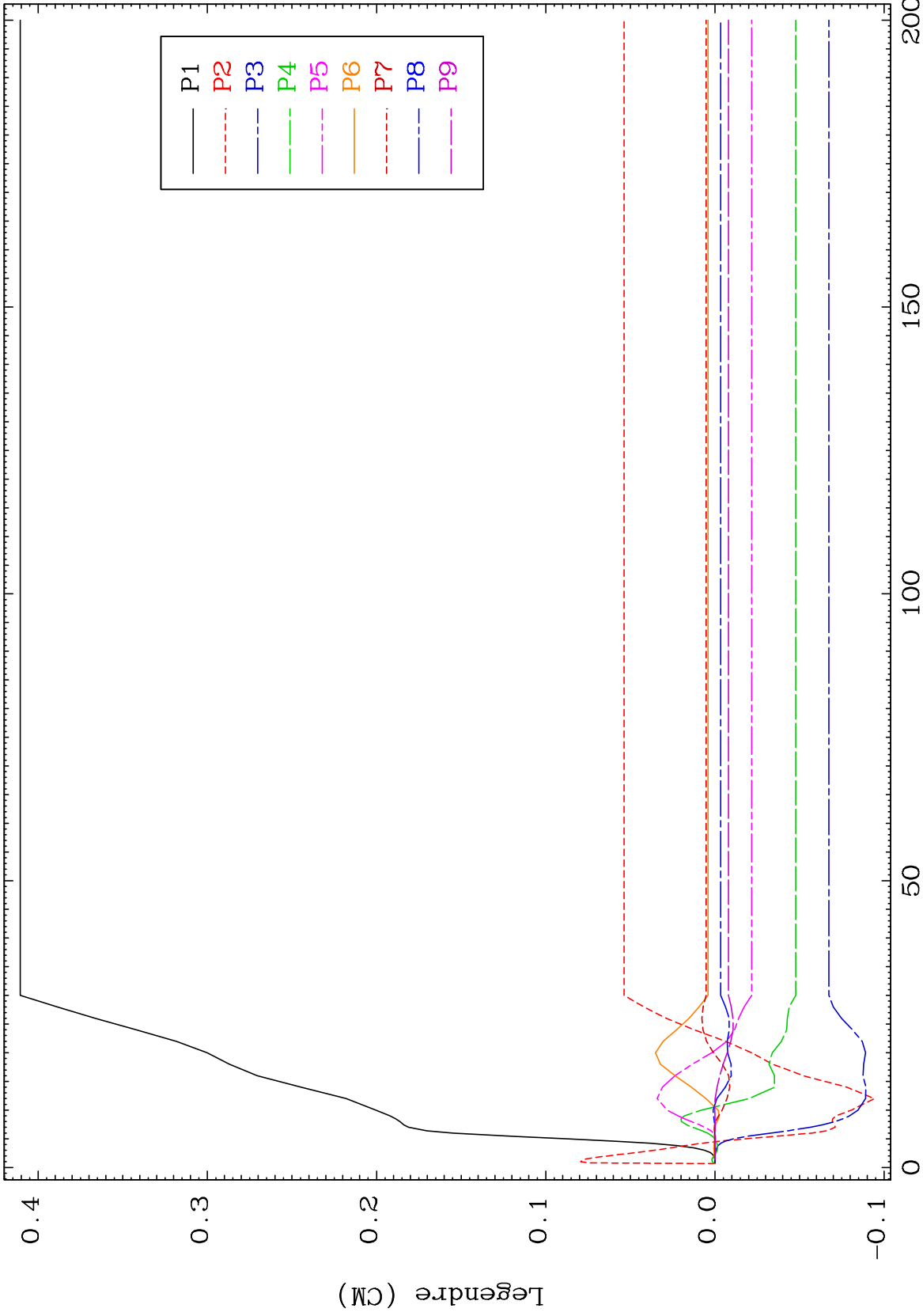


72 49-In-124

MAT 4958

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

49-In-124



73

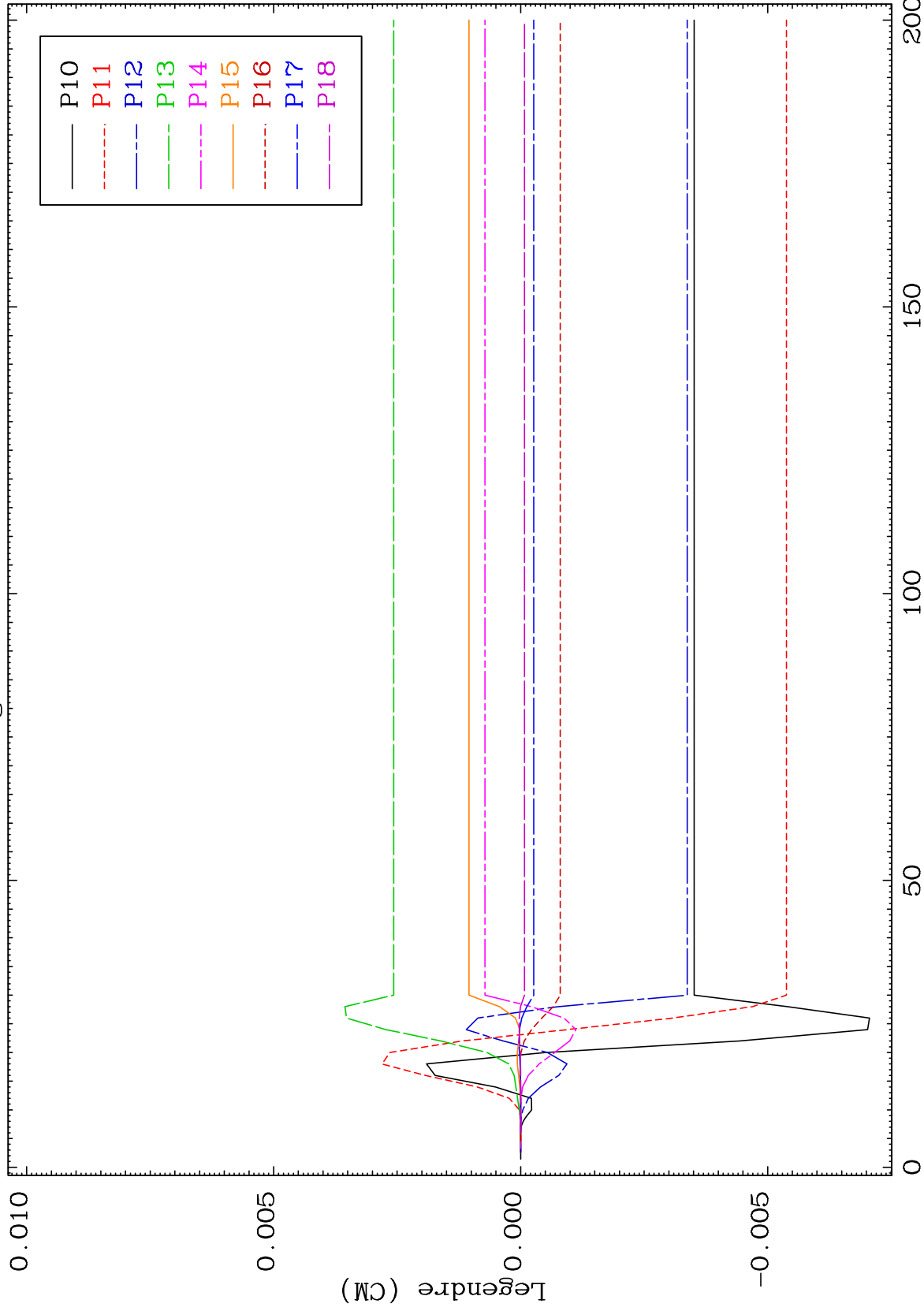
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



74

Incident Energy (MeV)

49-In-124

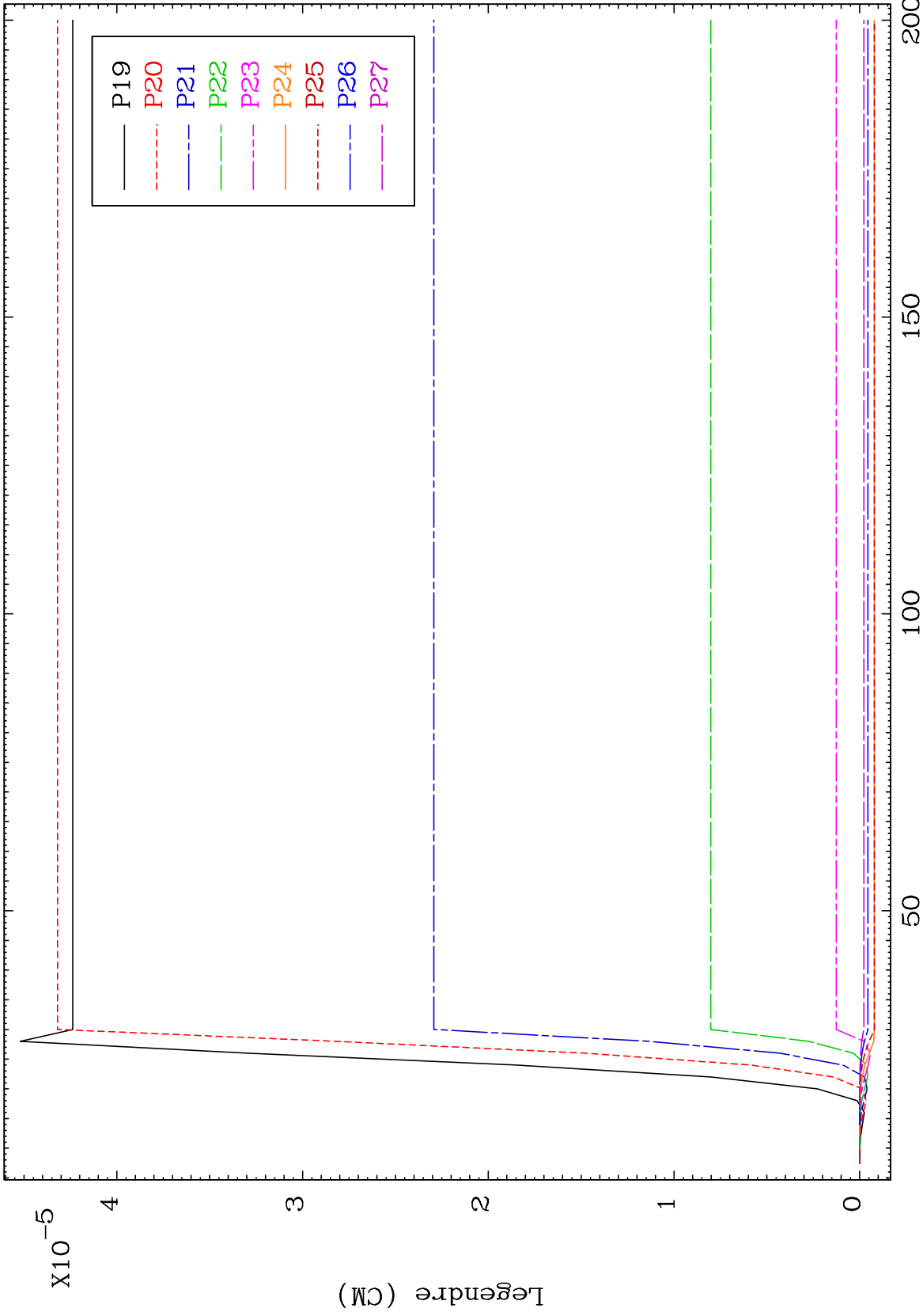
MAT 4958

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

49-In-124

Incident Energy (MeV)

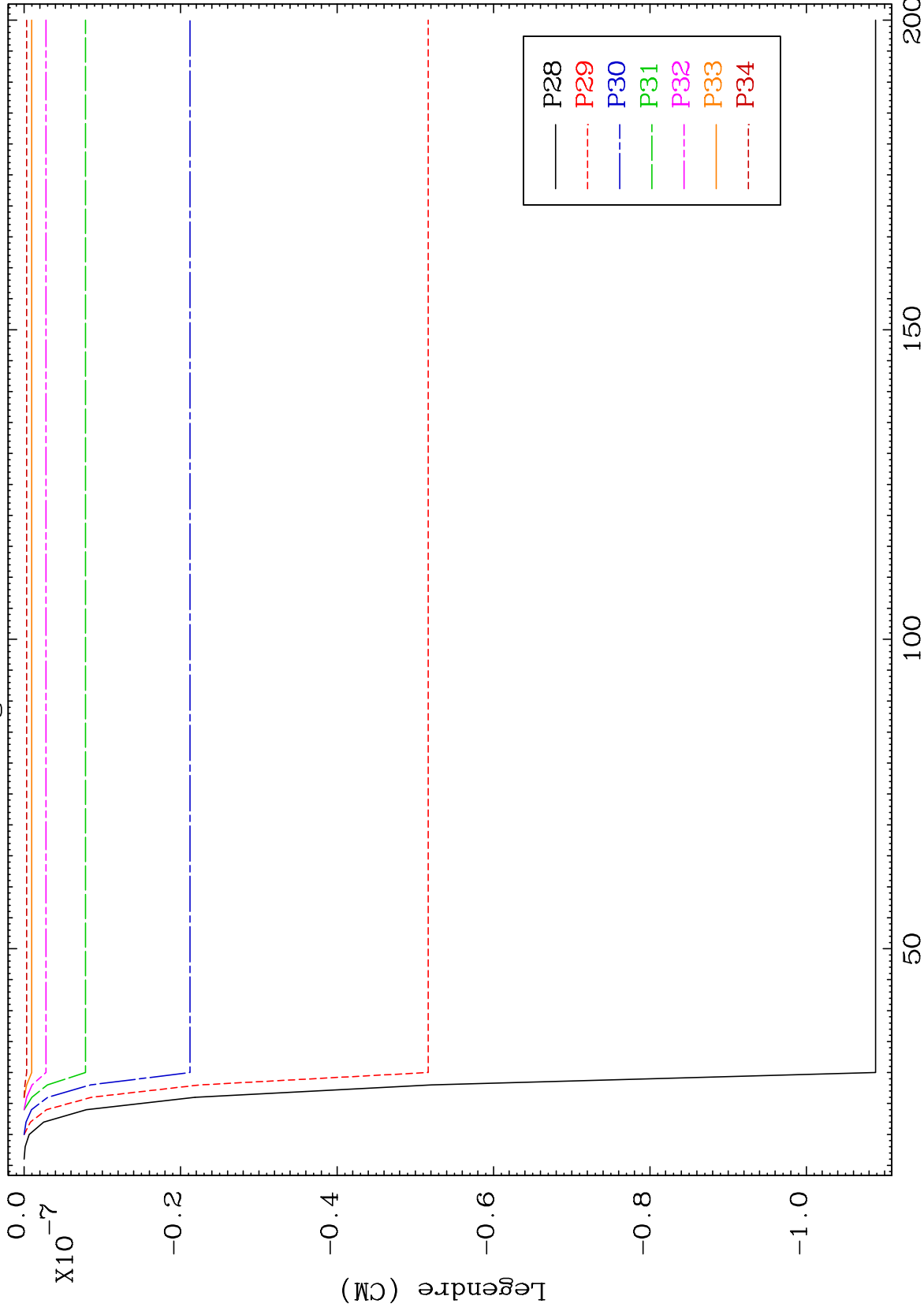
75



MAT 4958

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

49-In-124

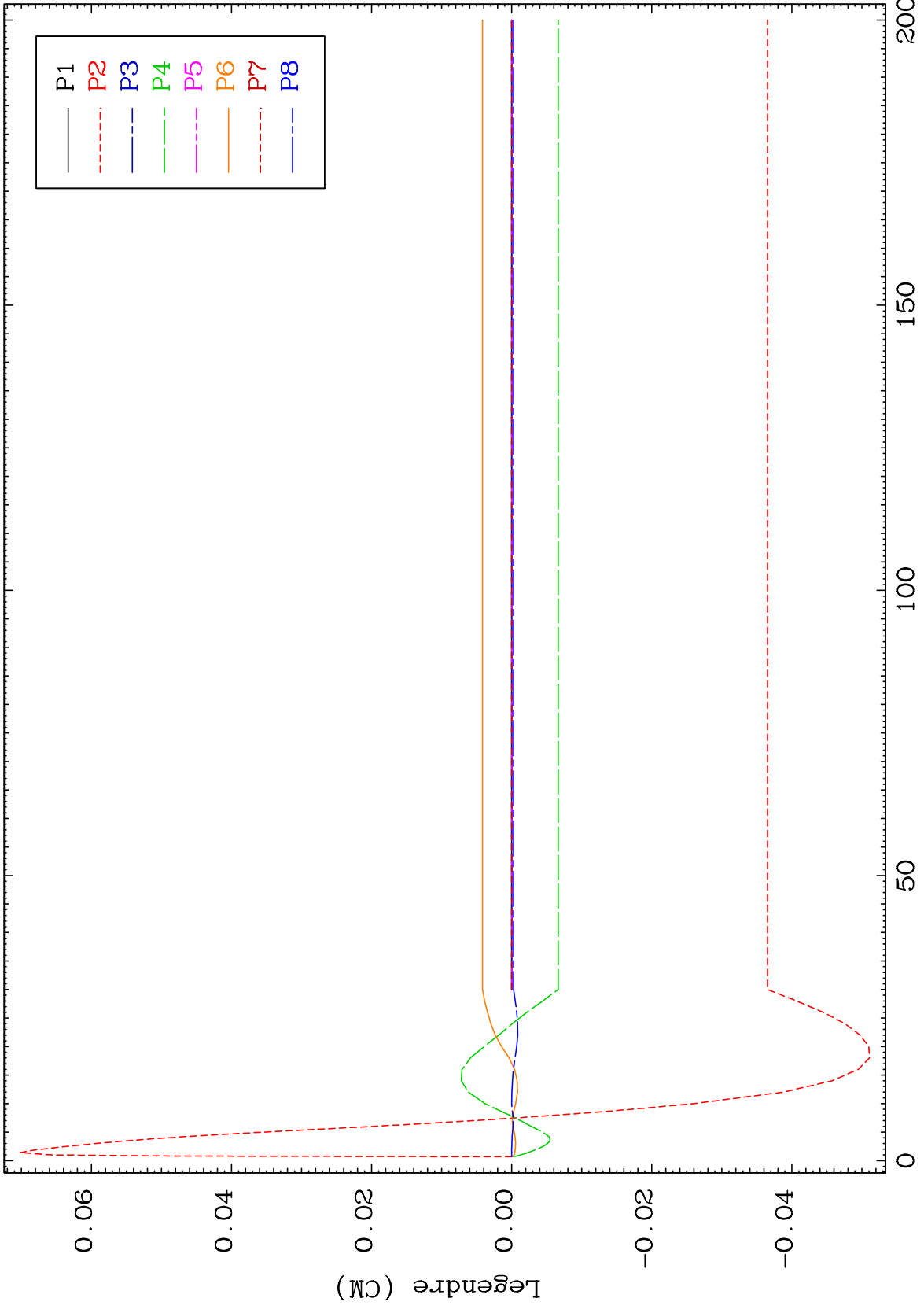


49-In-124

Incident Energy (MeV)

76

MAT 4958 MT= 68 (n,n') Level Legendre Coefficients 49-In-124

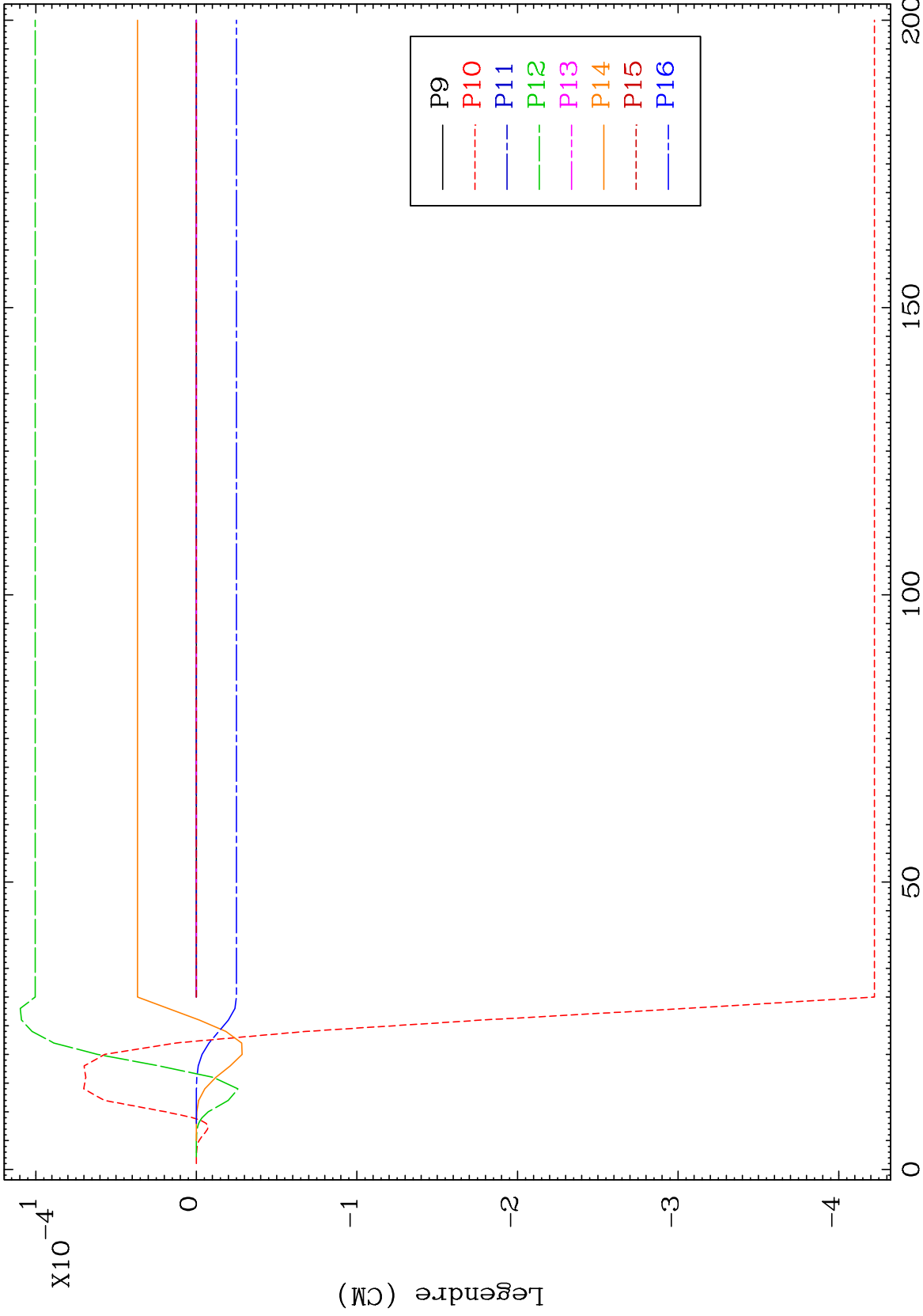


77 49-In-124

MAT 4958

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

49-In-124



78

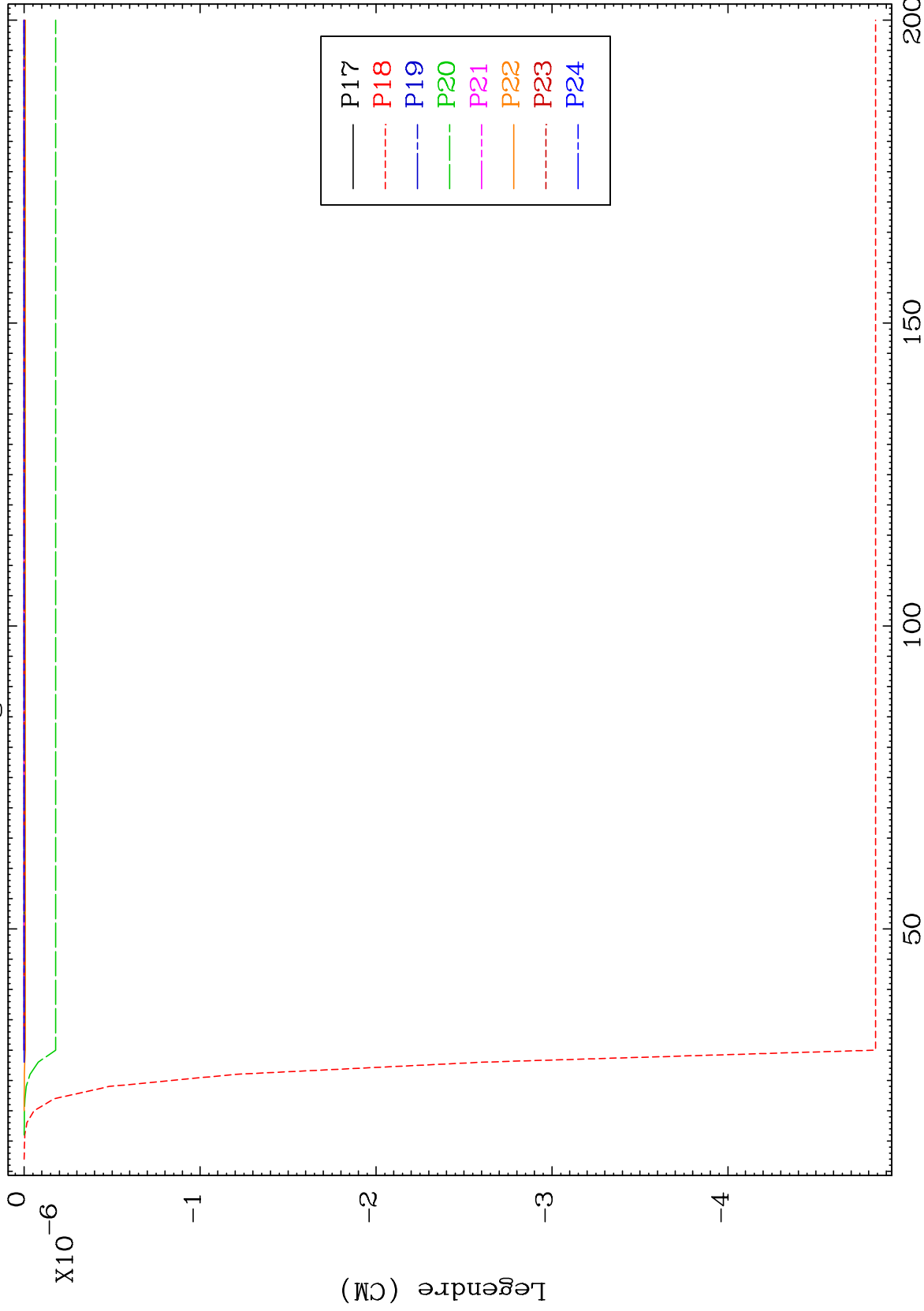
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



49-In-124

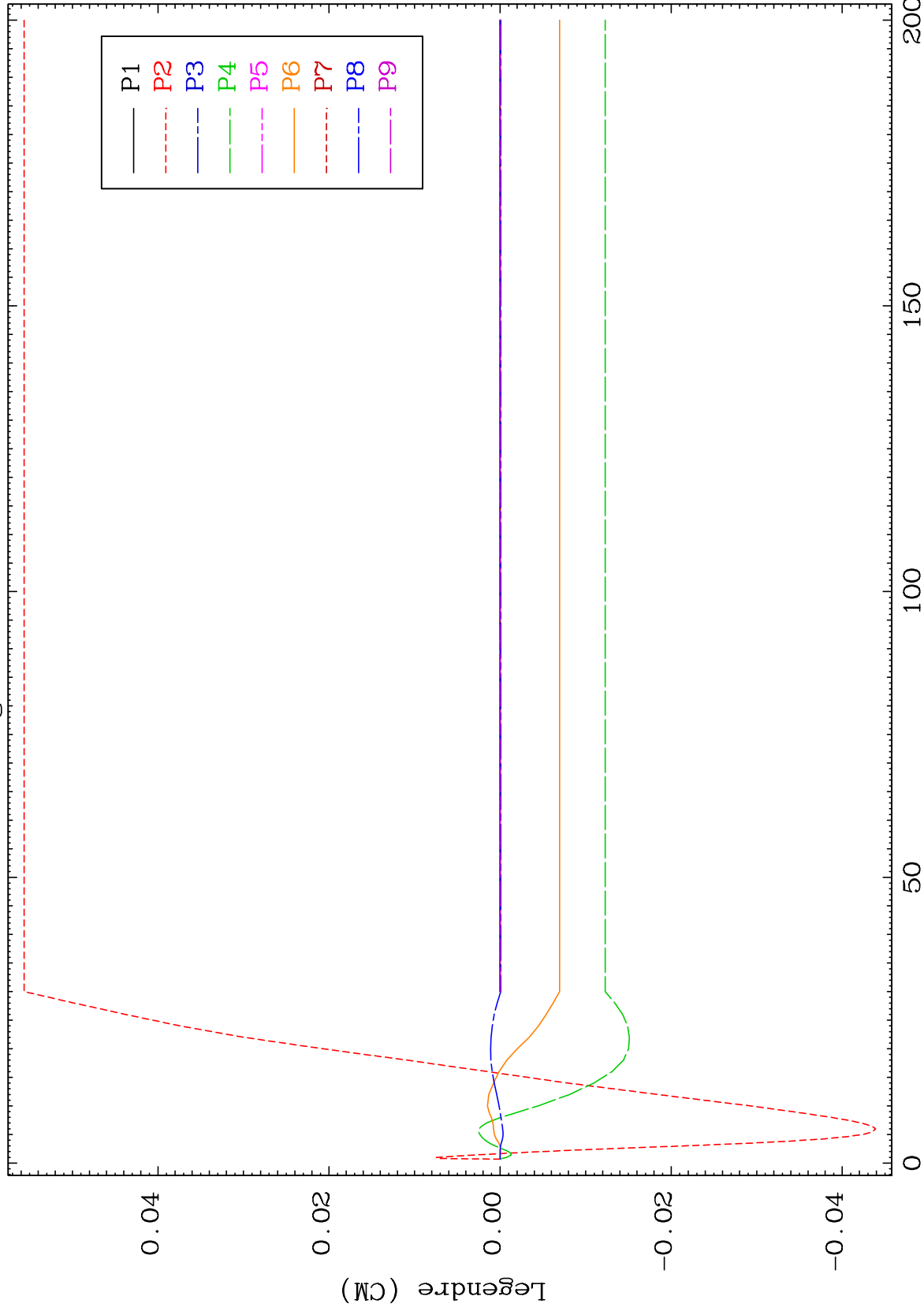
Incident Energy (MeV)

79

MAT 4958

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

49-In-124



49-In-124

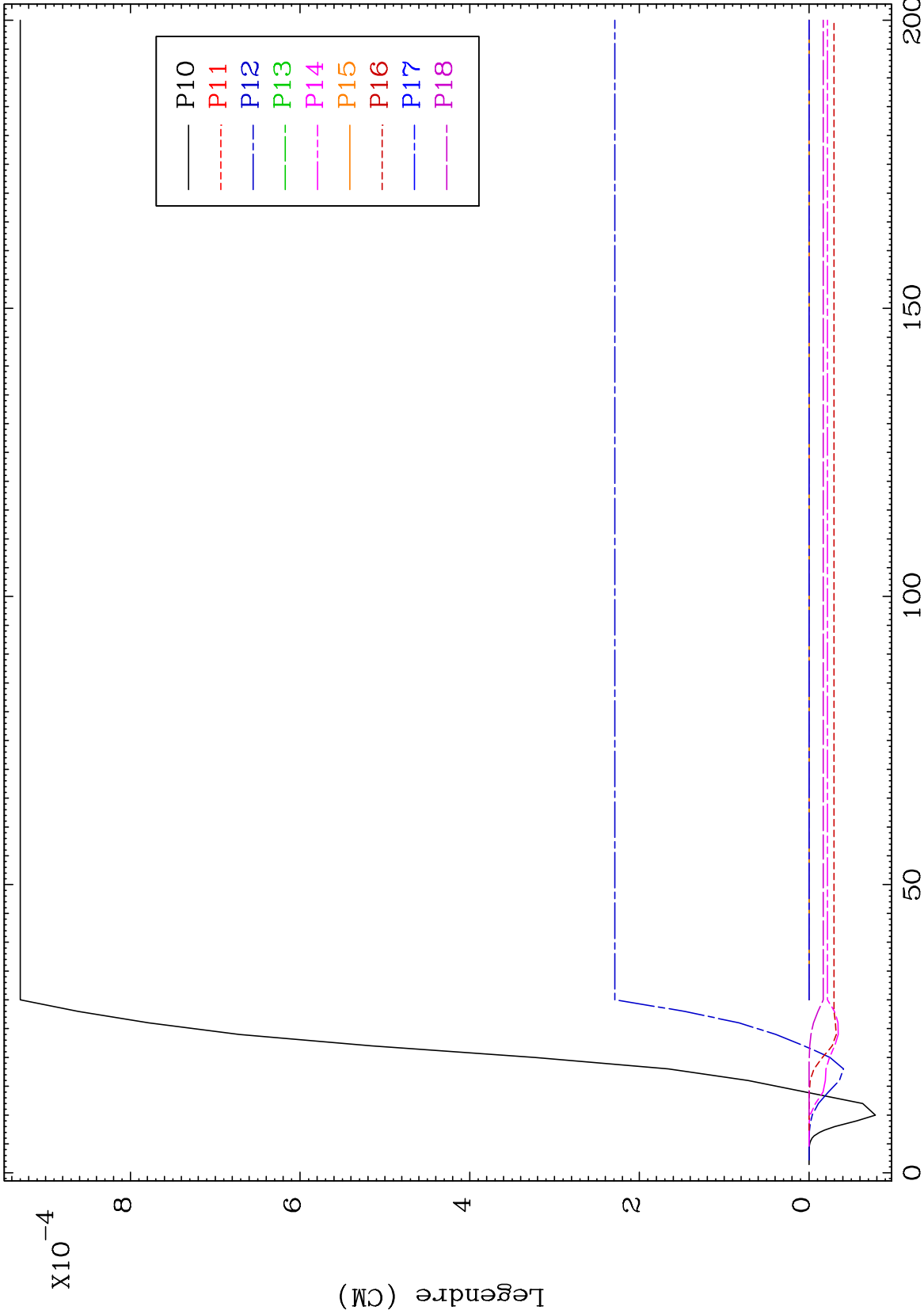
Incident Energy (MeV)

80

MAT 4958

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

49-In-124

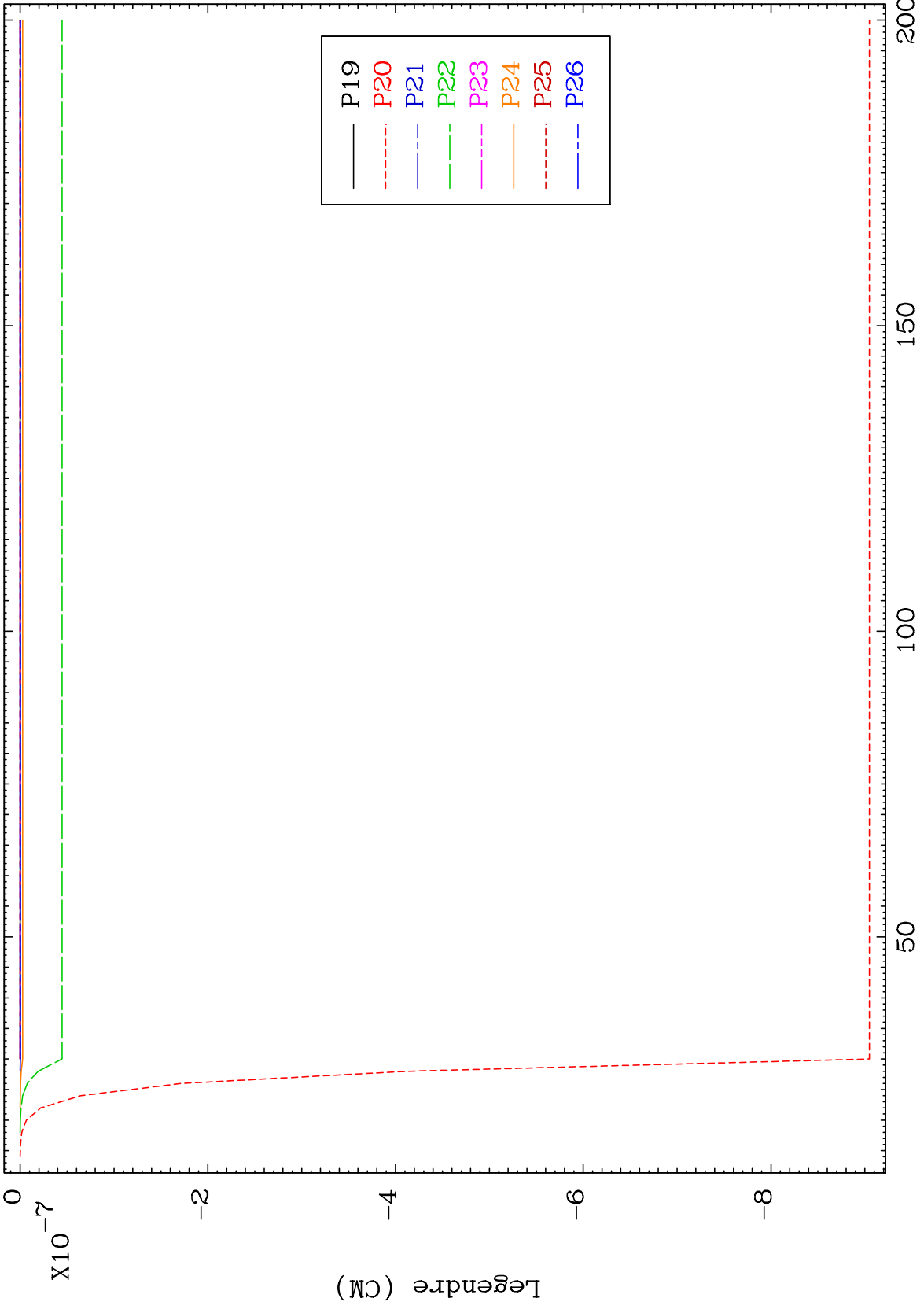


81

Incident Energy (MeV)

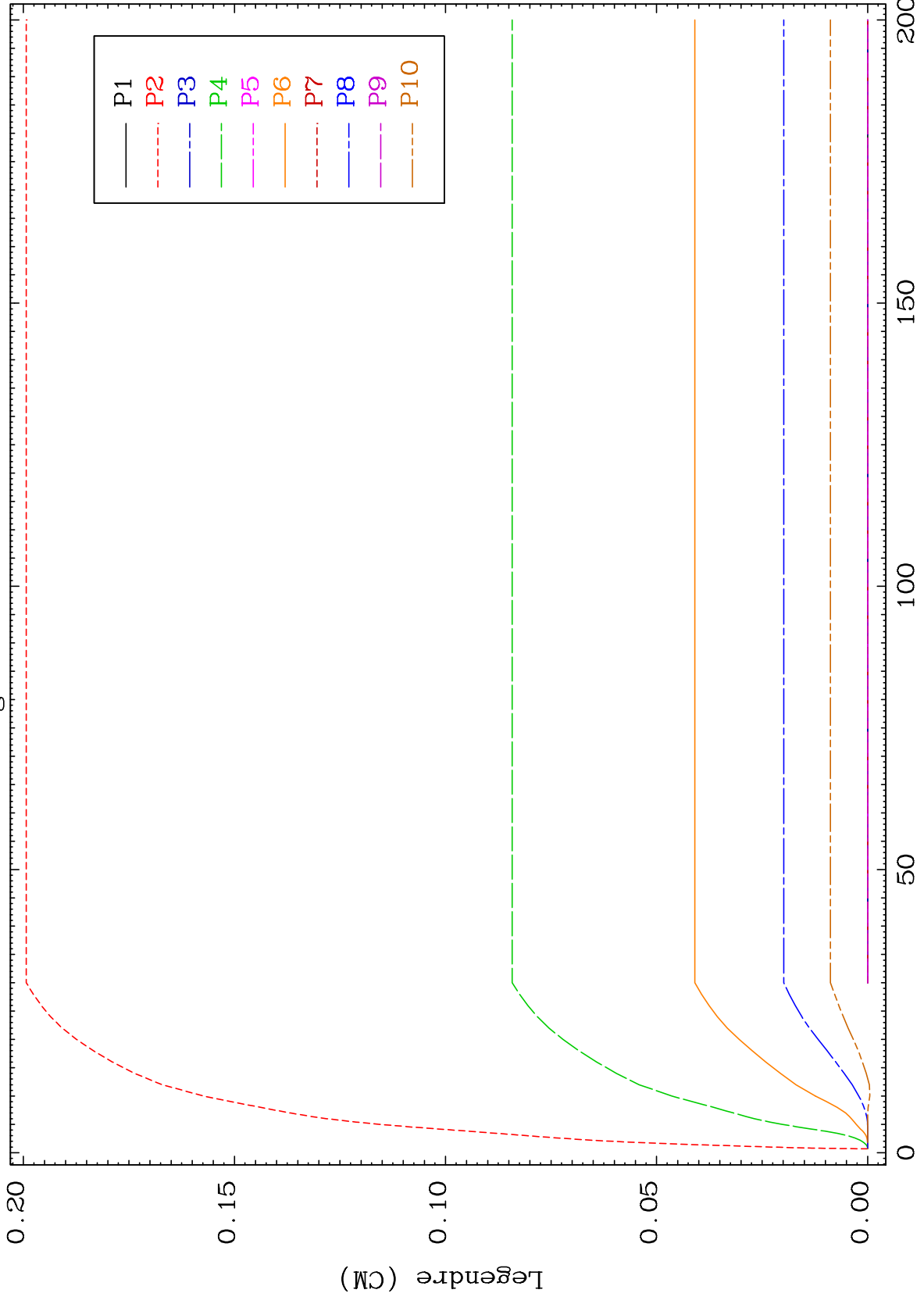
49-In-124

MAT 4958 MT= 69 (n,n') Level Legendre Coefficients 49-In-124



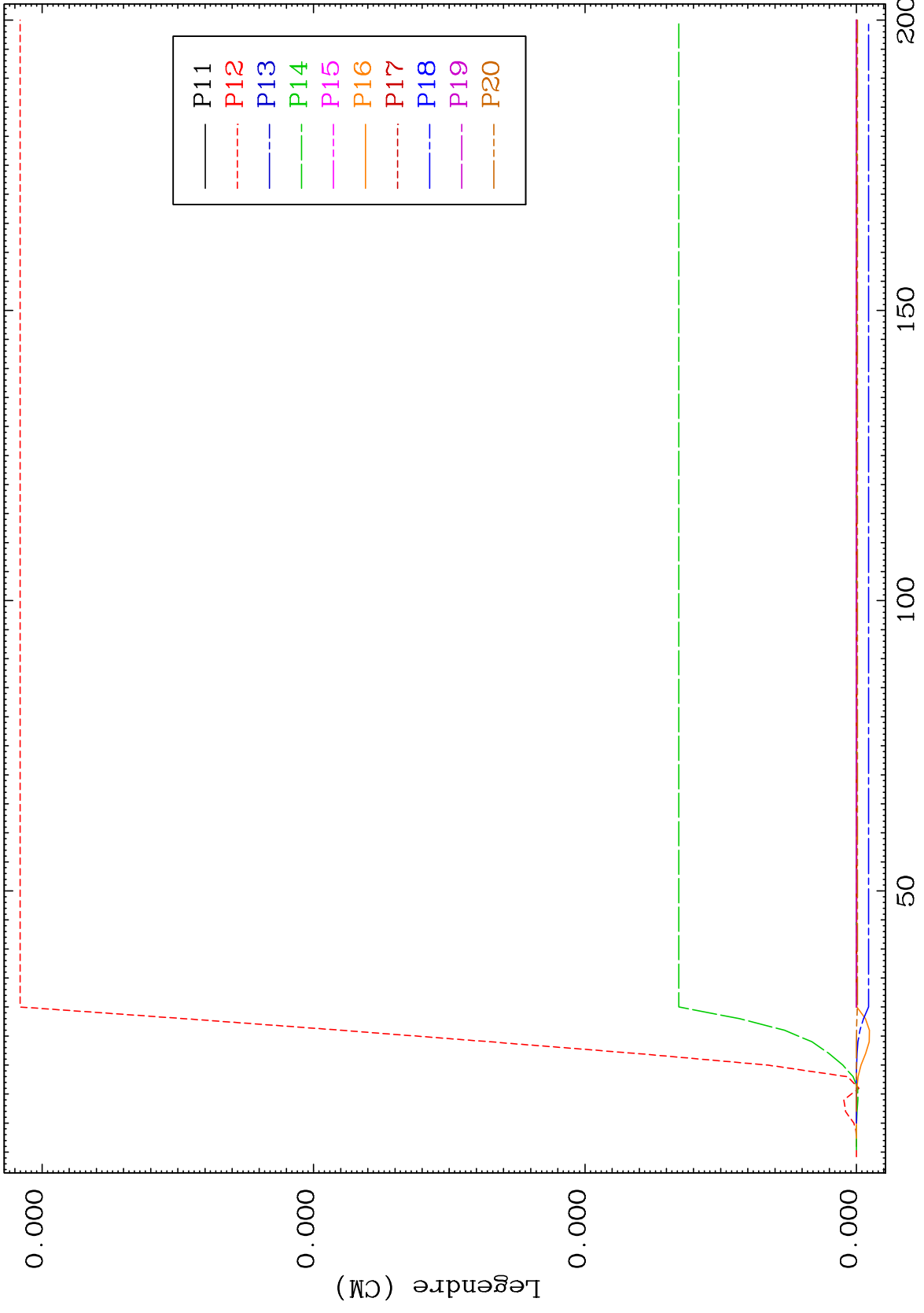
82 49-In-124

MAT 4958 MT= 70 (n,n') Level Legendre Coefficients 49-In-124



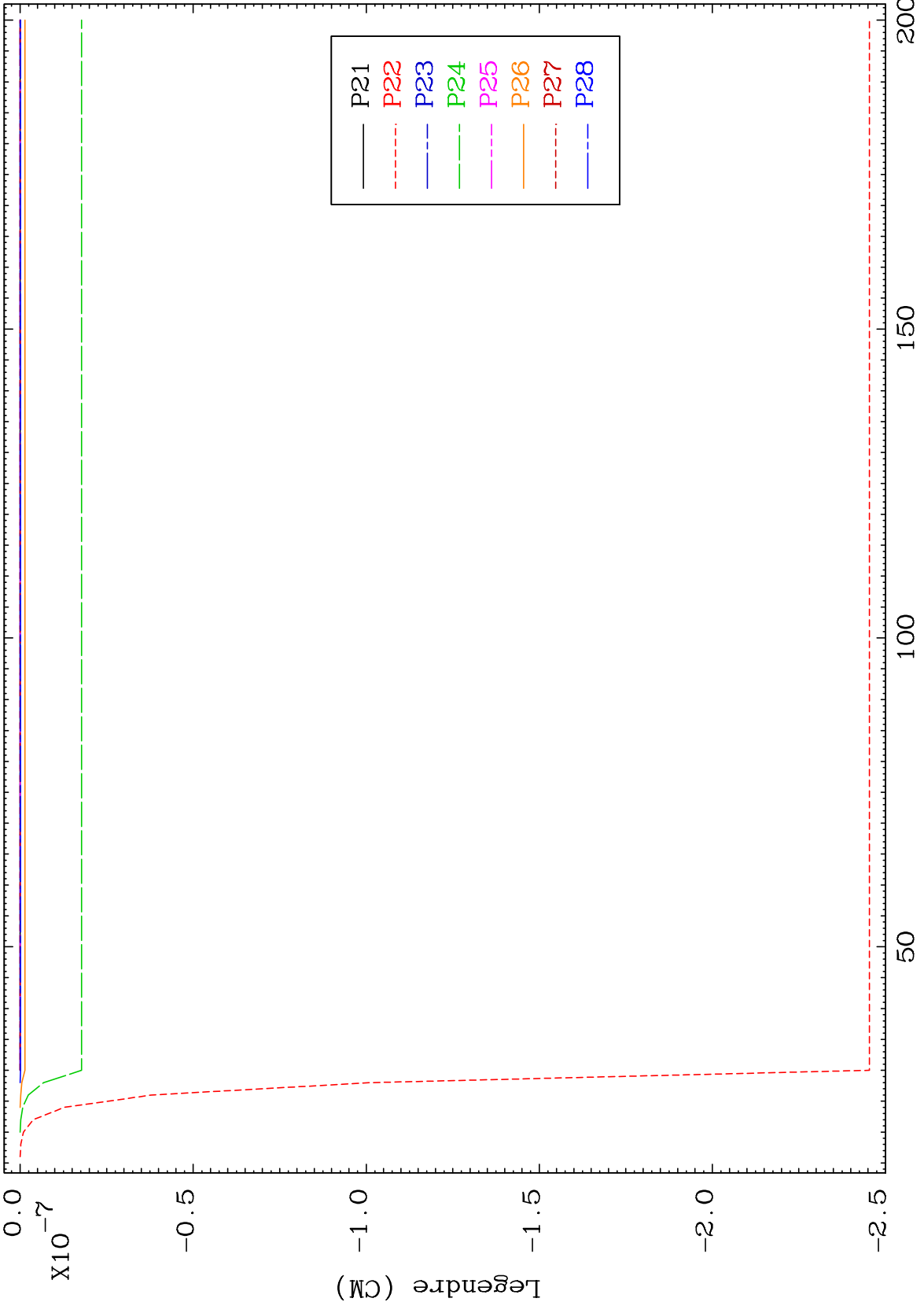
83 49-In-124

MAT 4958 MT= 70 (n,n') Level Legendre Coefficients 49-In-124



84 49-In-124

MAT 4958 MT= 70 (n,n') Level Legendre Coefficients 49-In-124

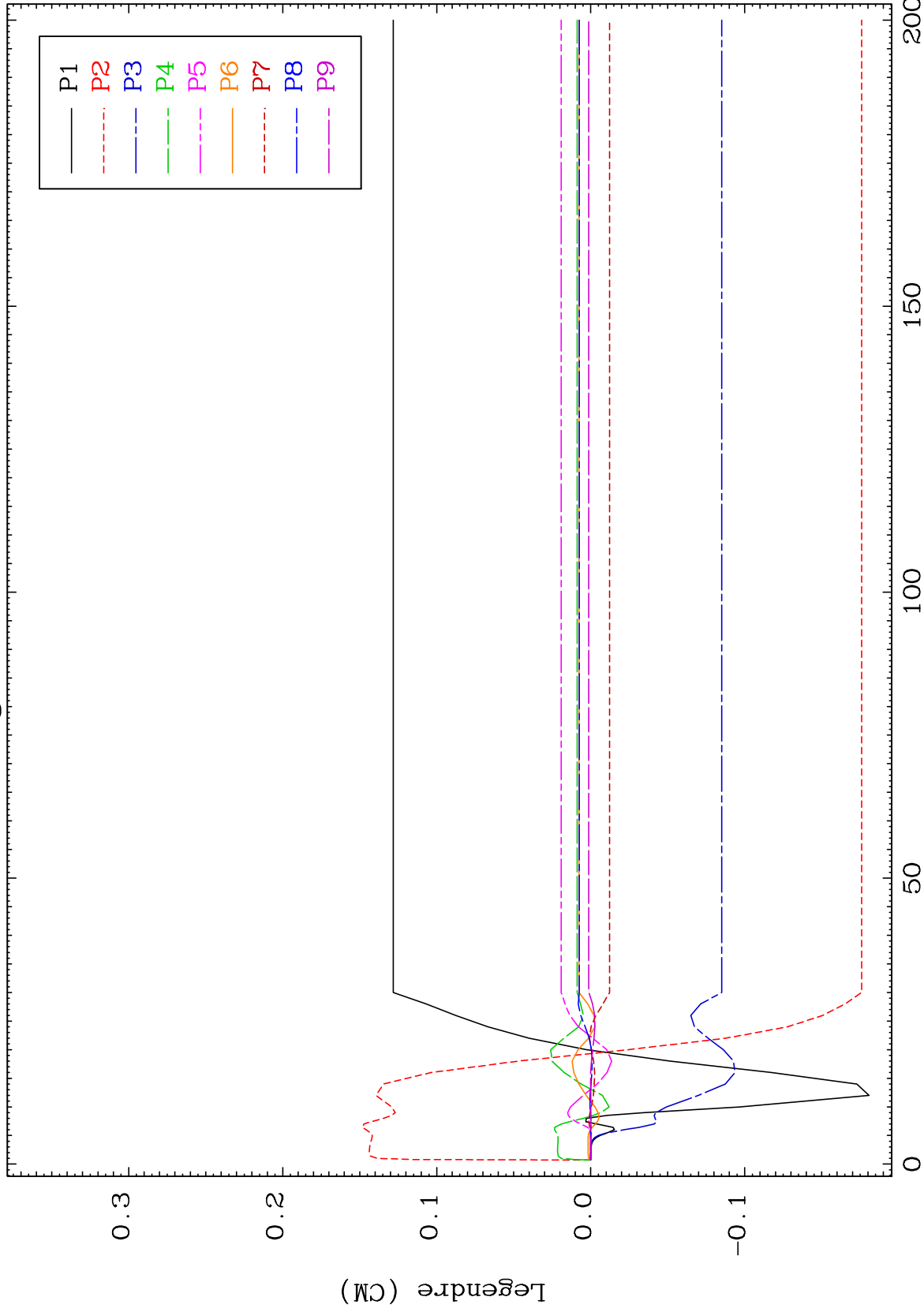


85 49-In-124

MAT 4958

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

49-In-124



86

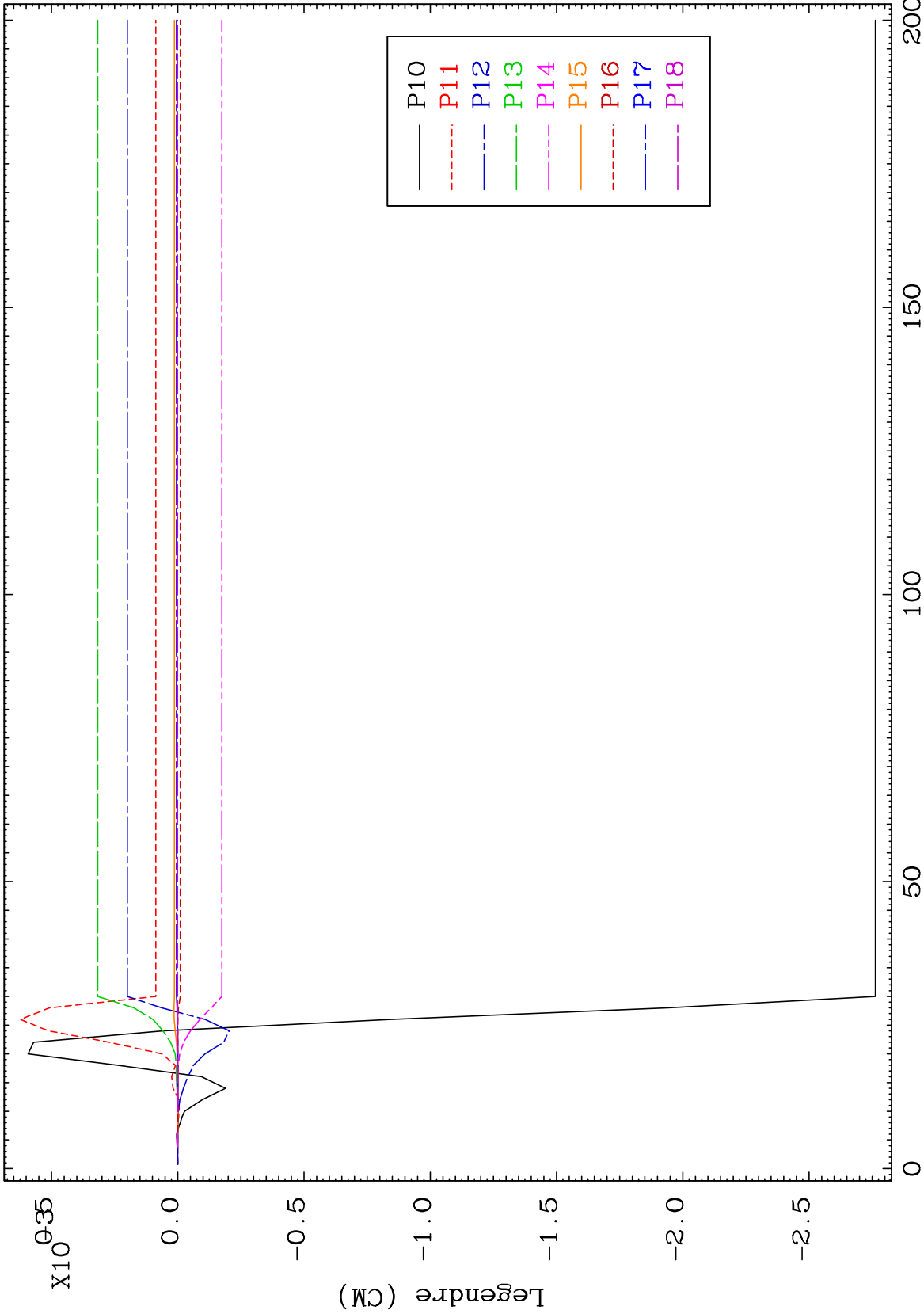
Incident Energy (MeV)

49-In-124

MAT 4958

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

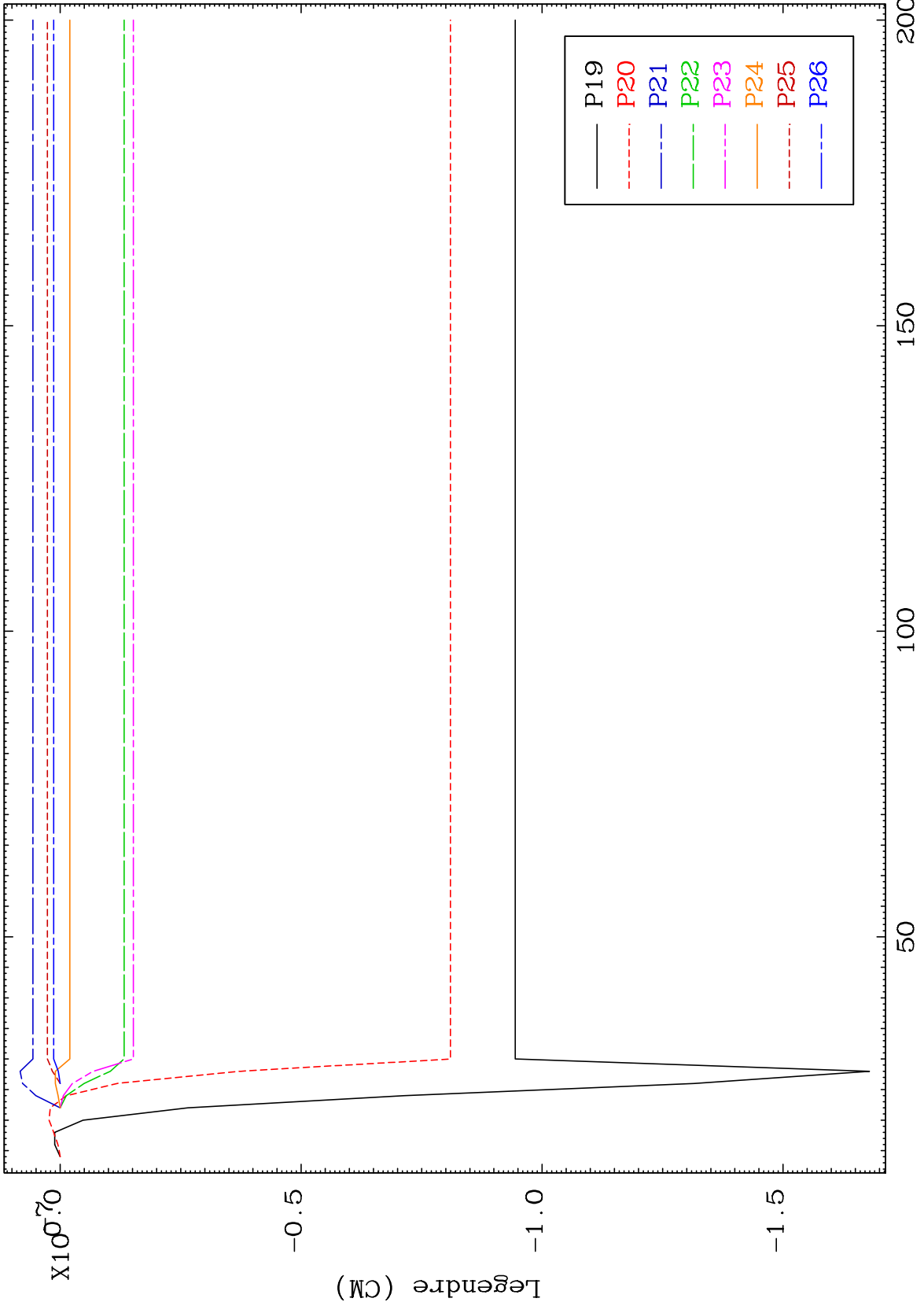
49-In-124



87

49-In-124

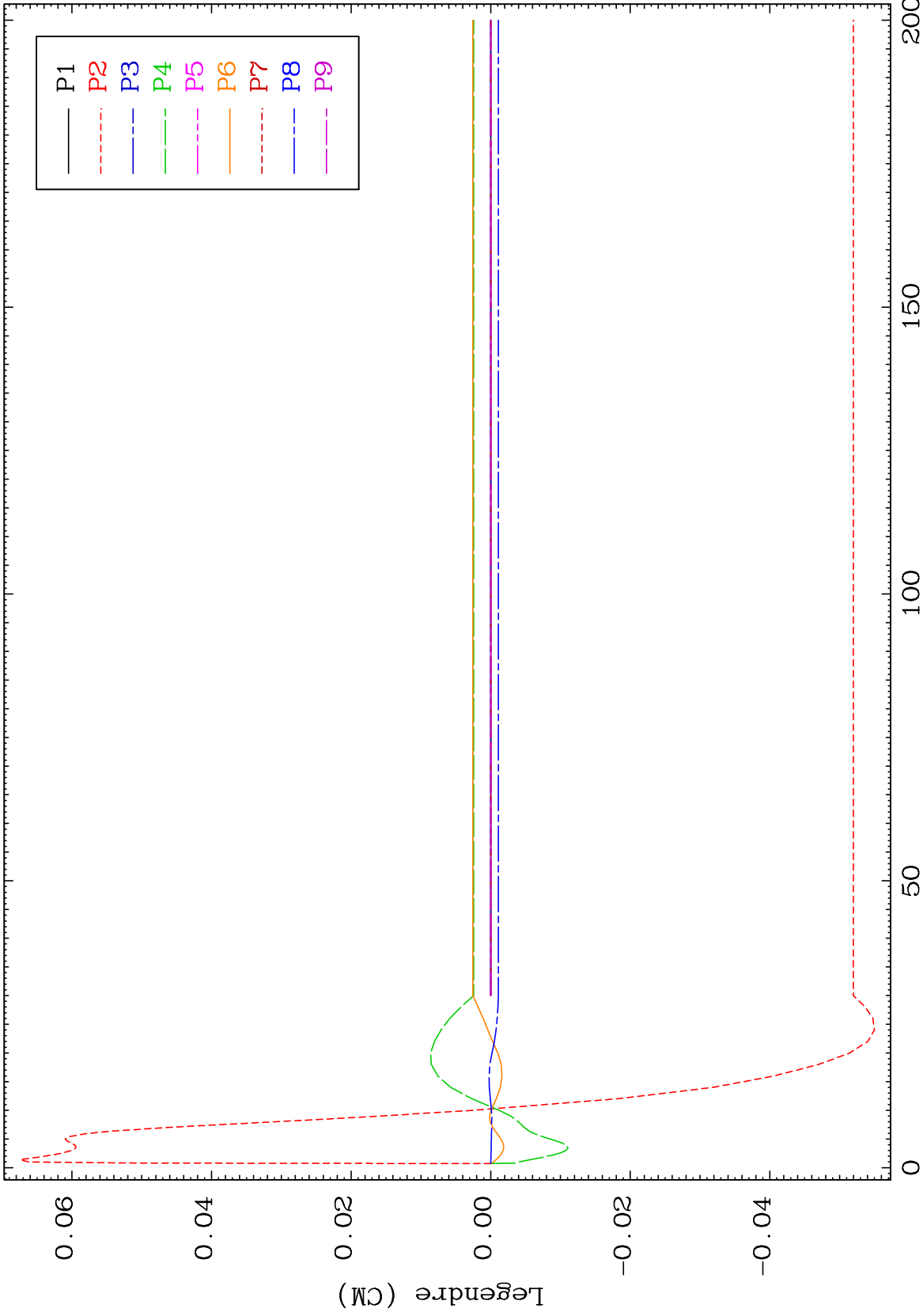
MAT 4958 MT= 71 (n,n') Level Legendre Coefficients 49-In-124



MAT 4958

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

49-In-124



89

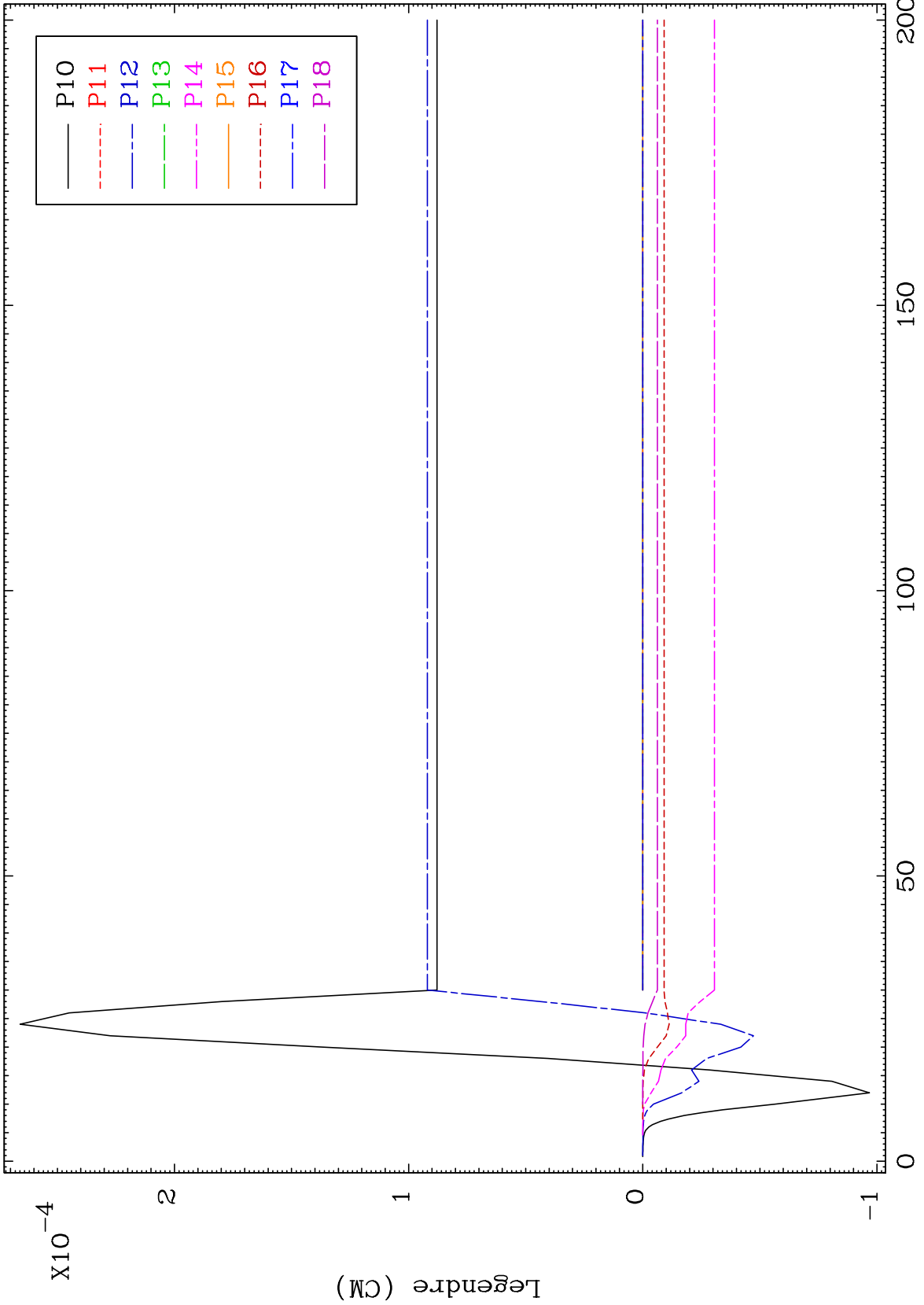
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

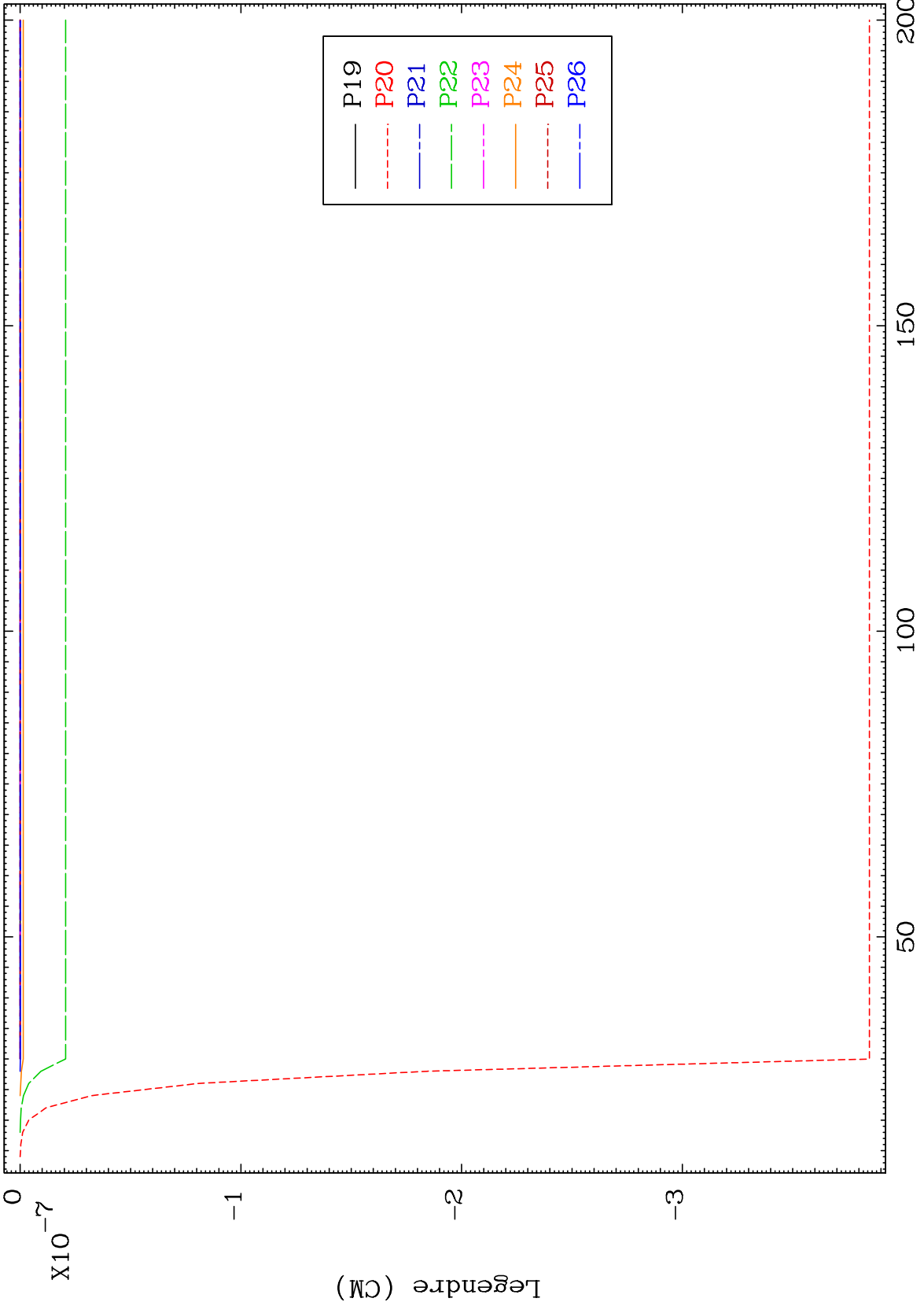


90

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 72 (n,n') Level Legendre Coefficients 49-In-124

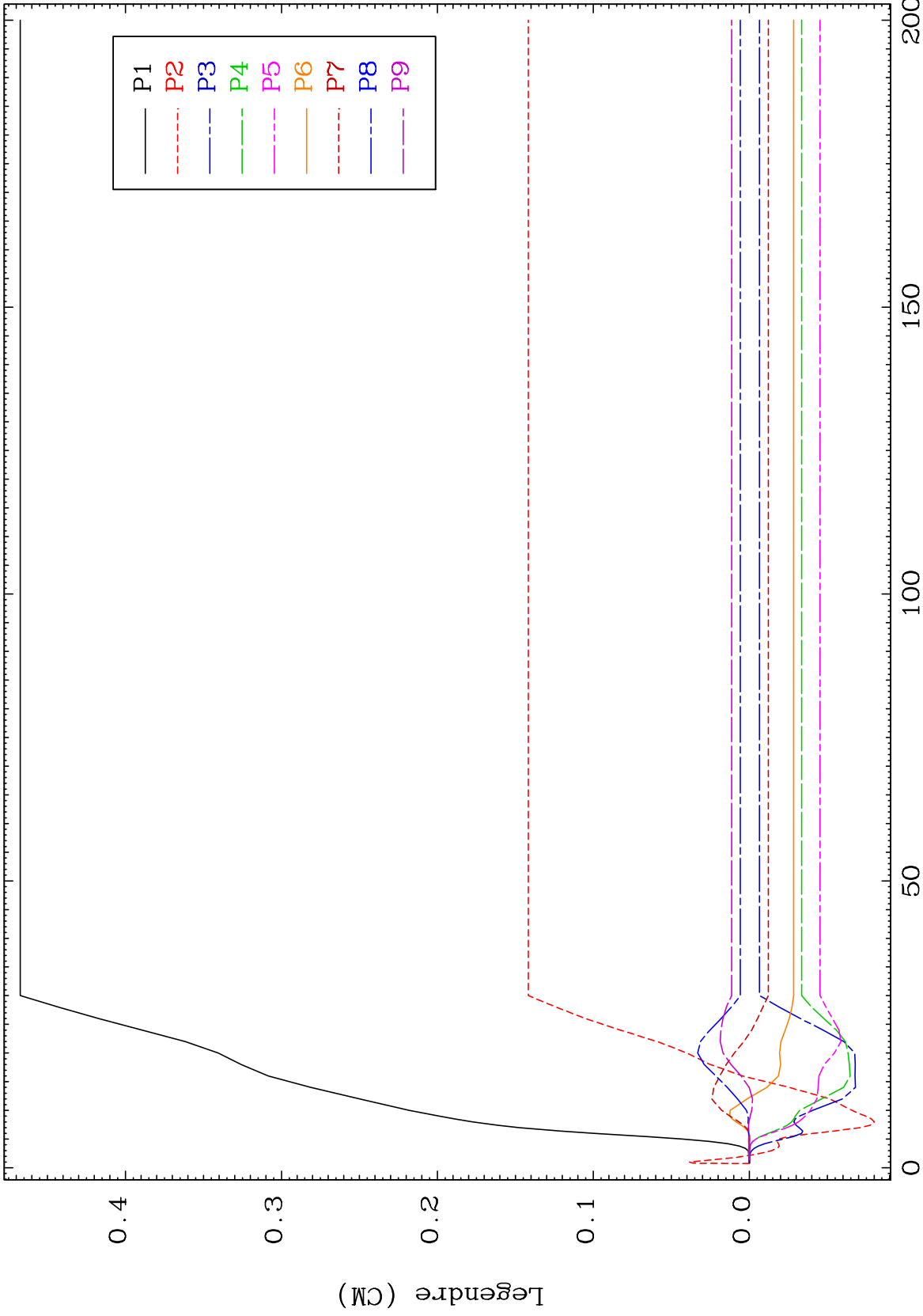


91 49-In-124

MAT 4958

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

49-In-124



92

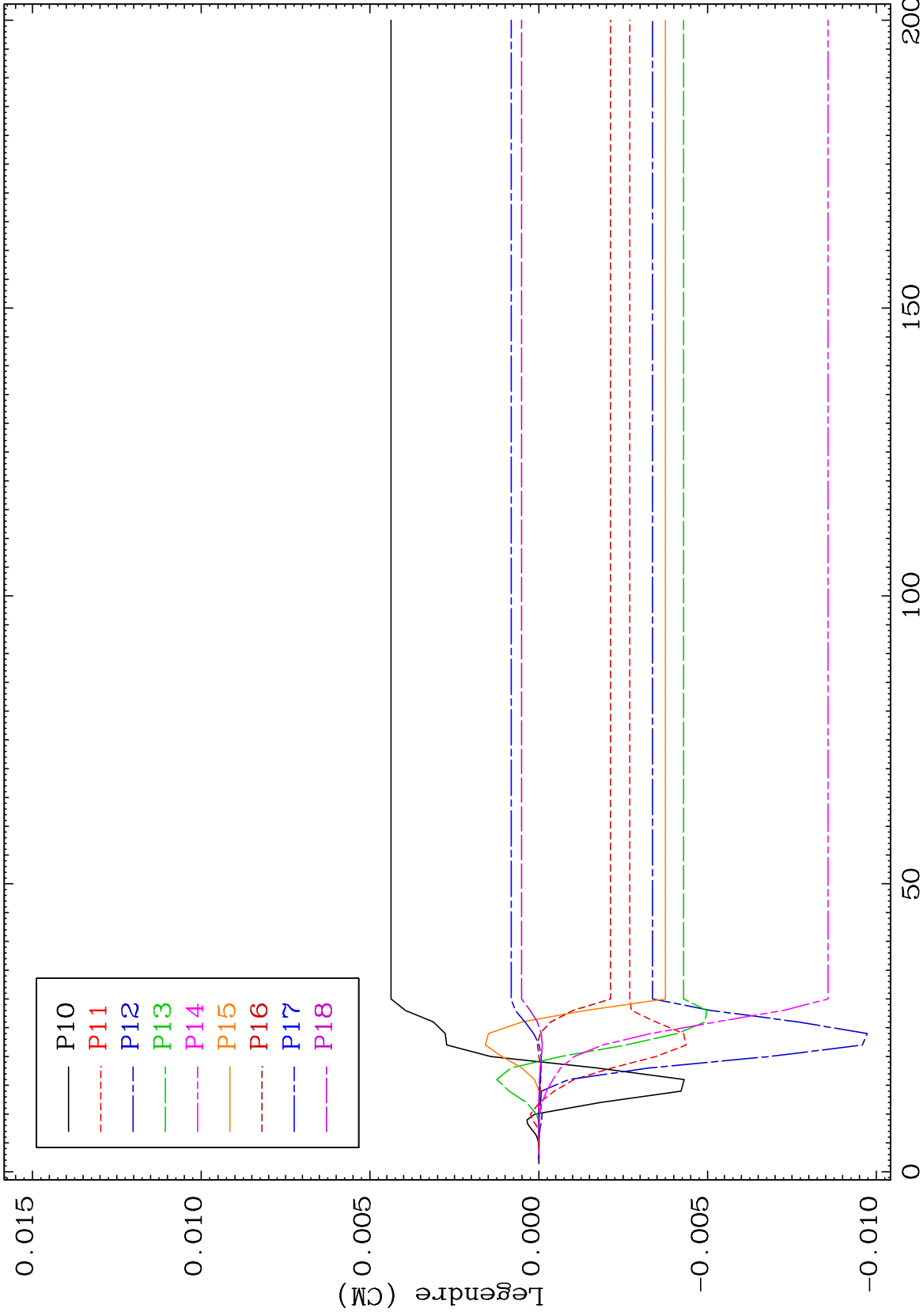
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



93

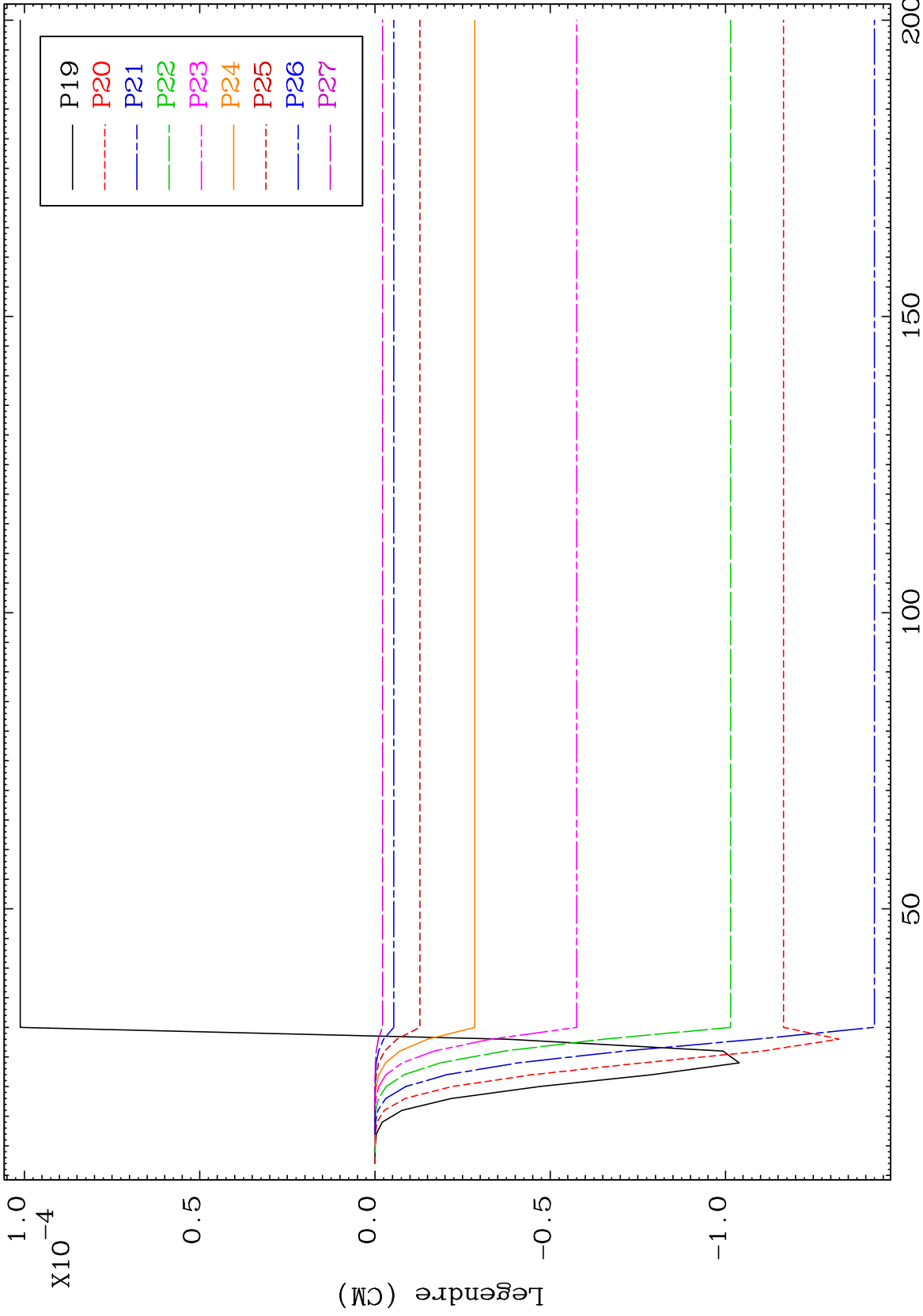
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

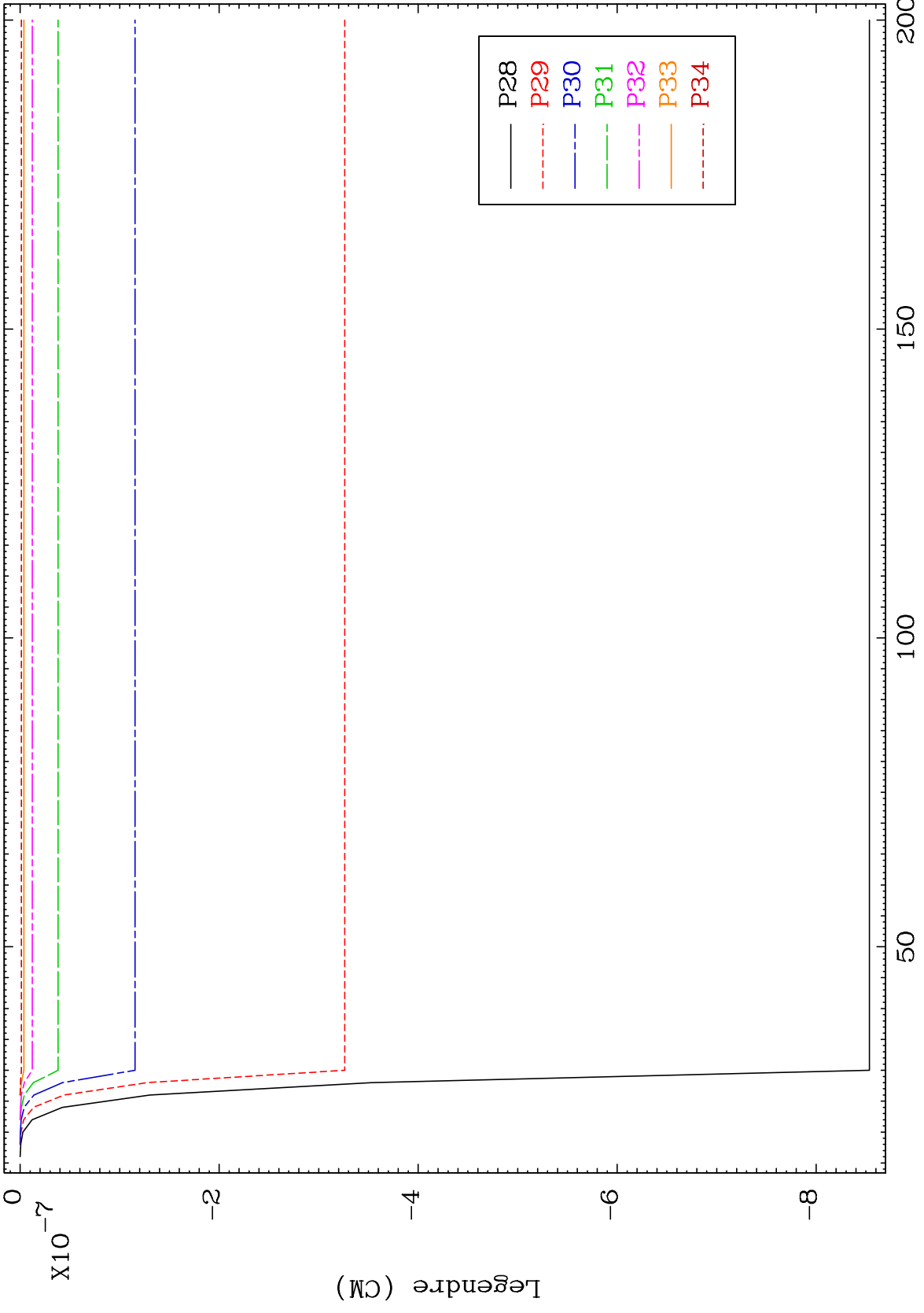


94

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 73 (n,n') Level Legendre Coefficients 49-In-124

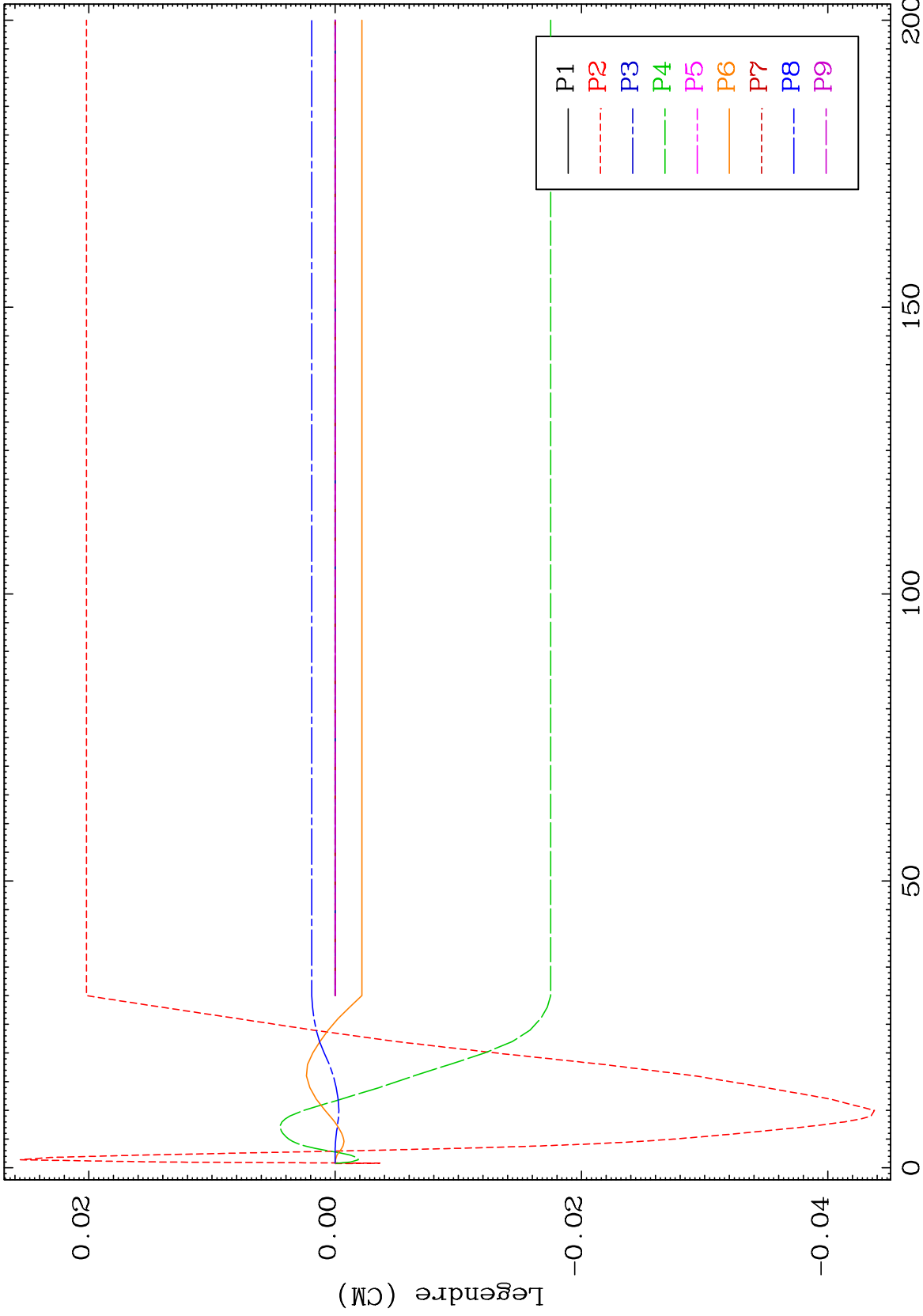


95 50 100 150 200 49-In-124

MAT 4958

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

49-In-124



96

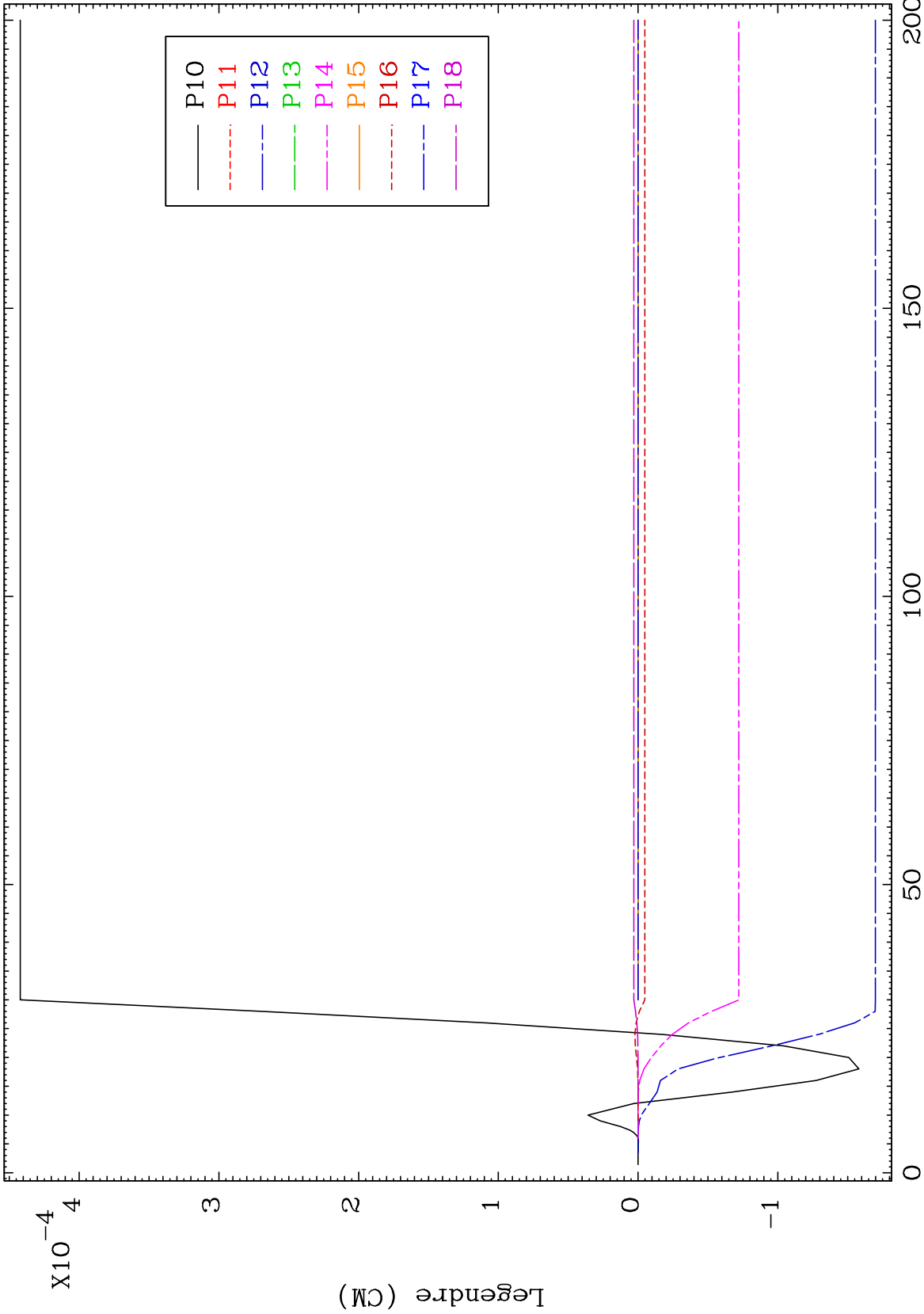
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



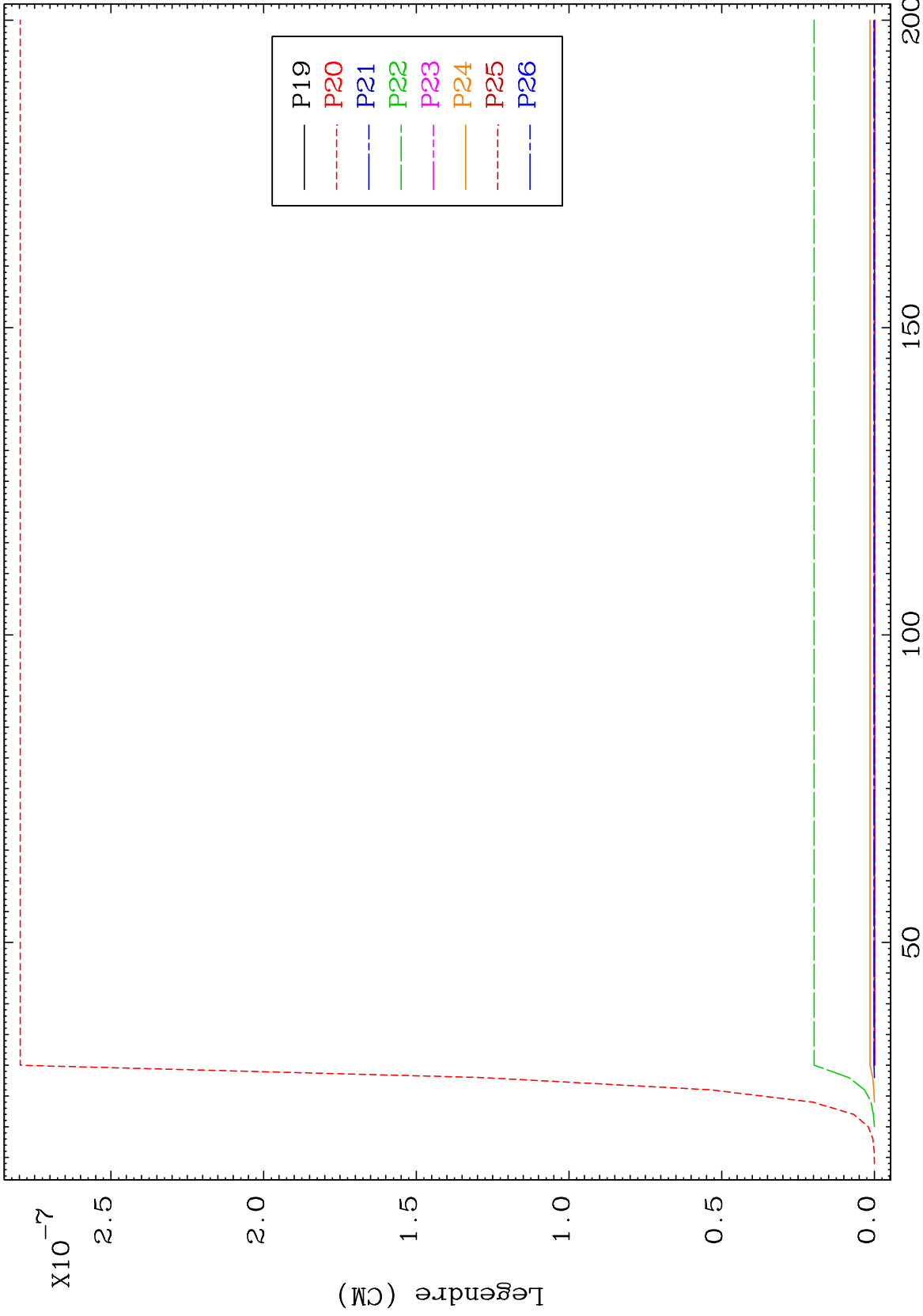
97

49-In-124

MAT 4958

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

49-In-124



98

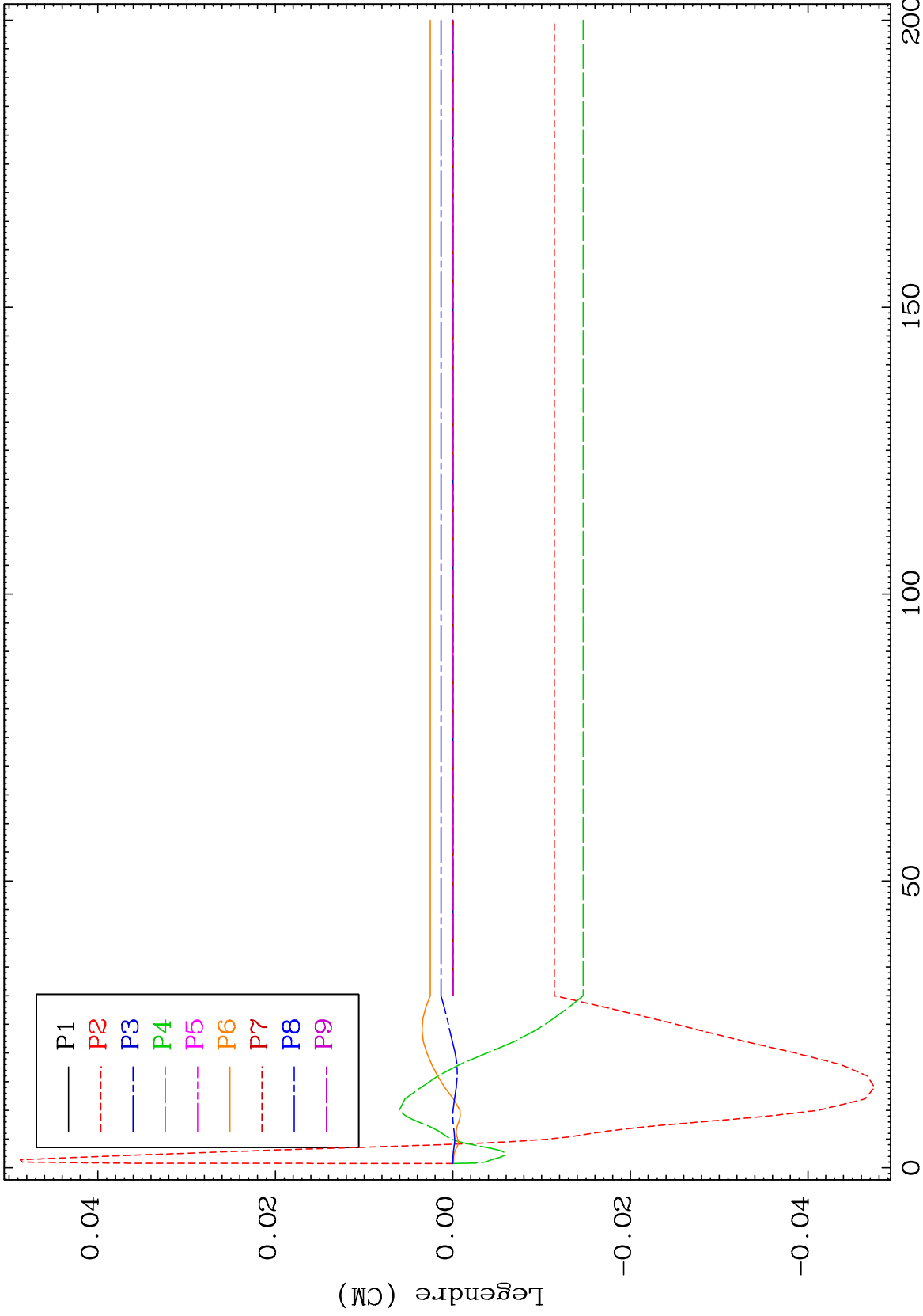
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



99

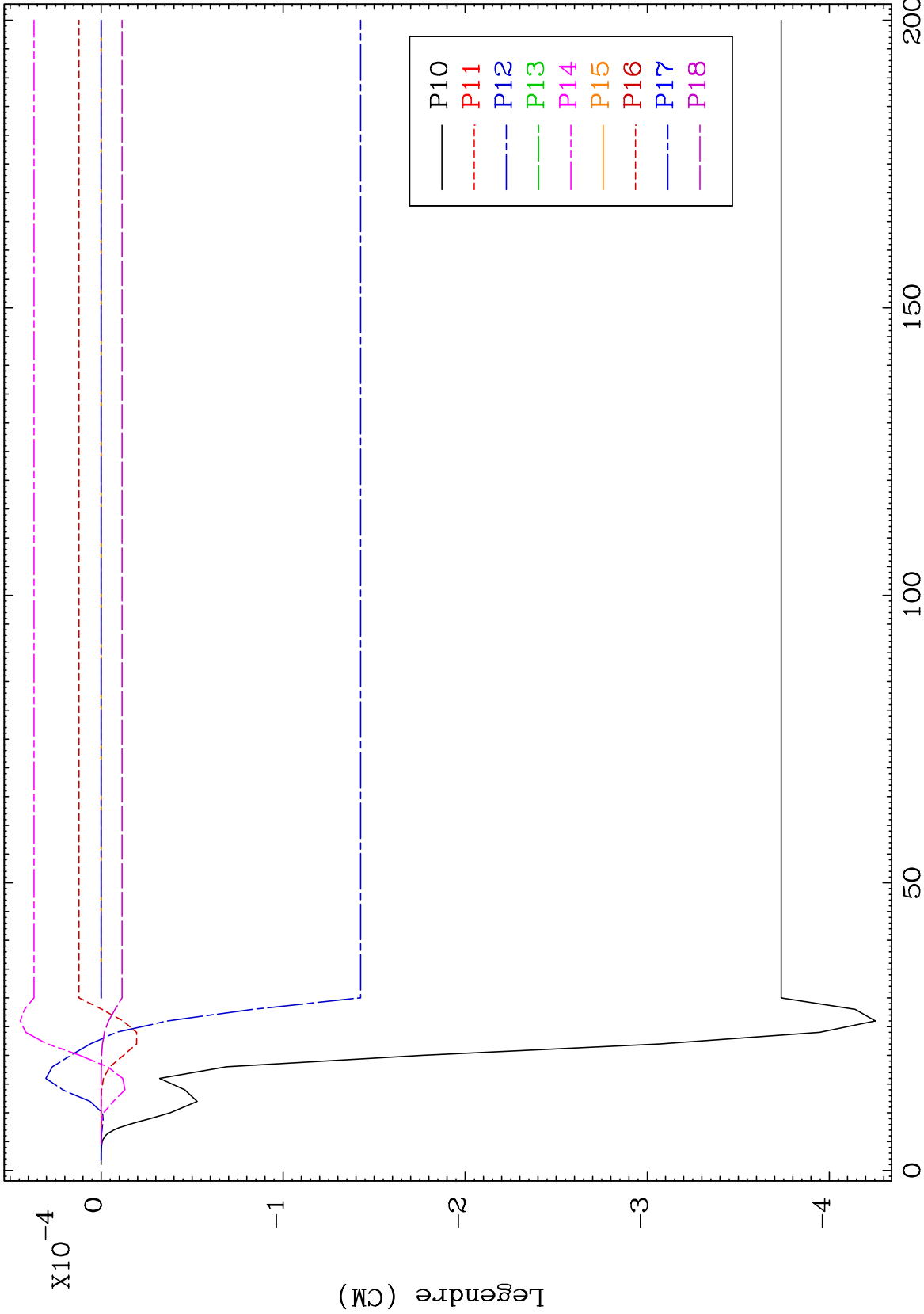
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

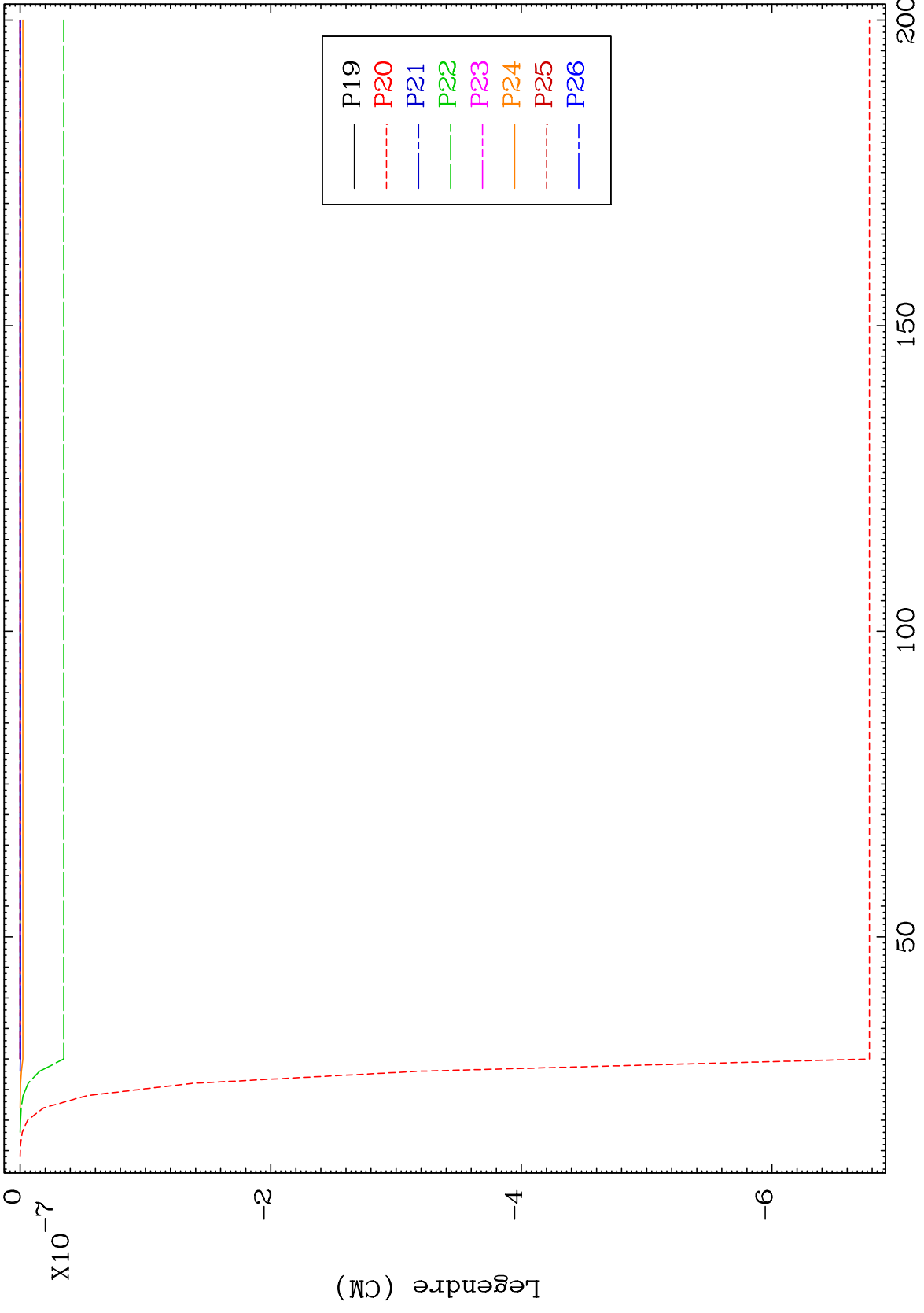


100

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 75 (n,n') Level Legendre Coefficients 49-In-124

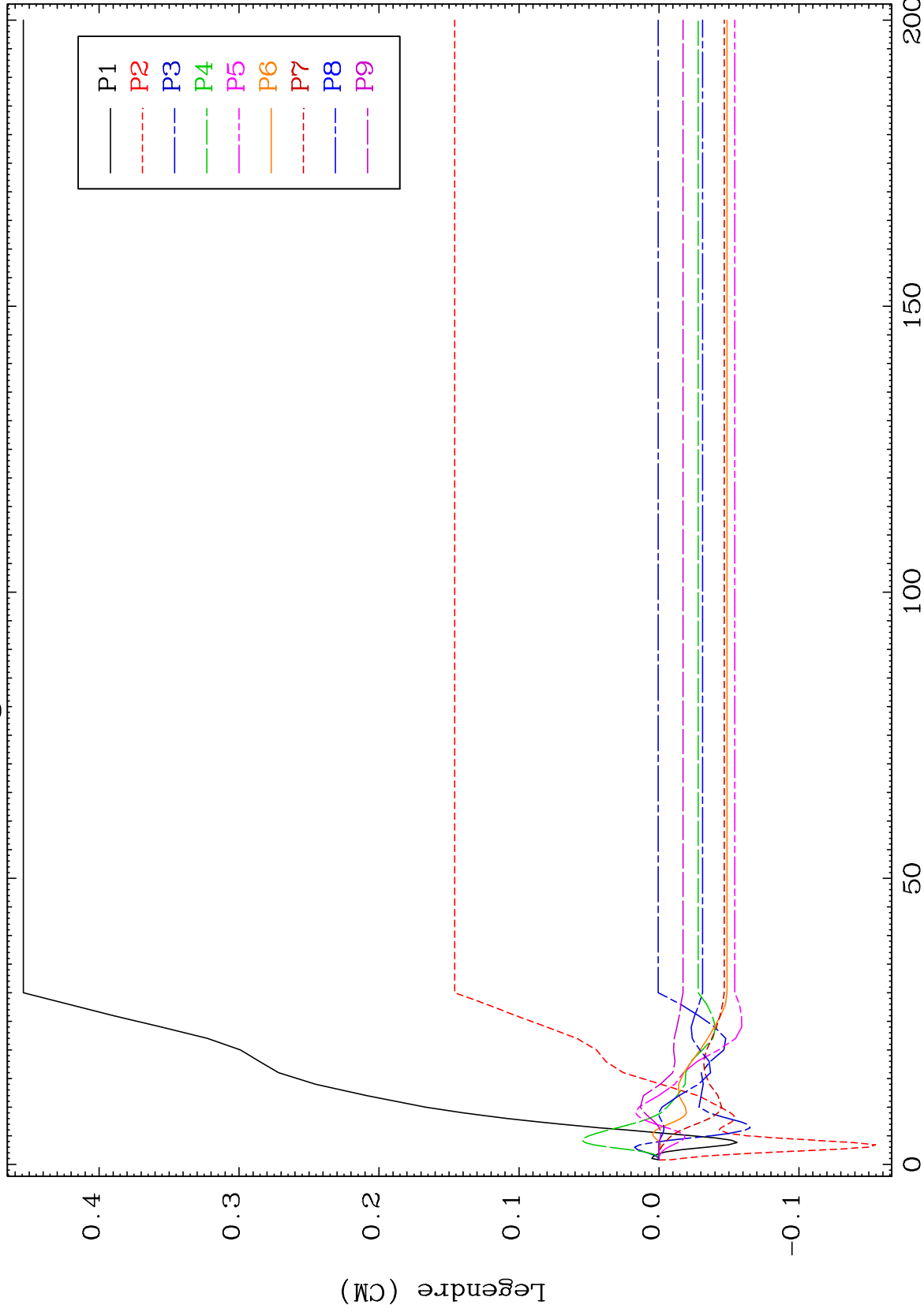


101 49-In-124

MAT 4958

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

49-In-124



102

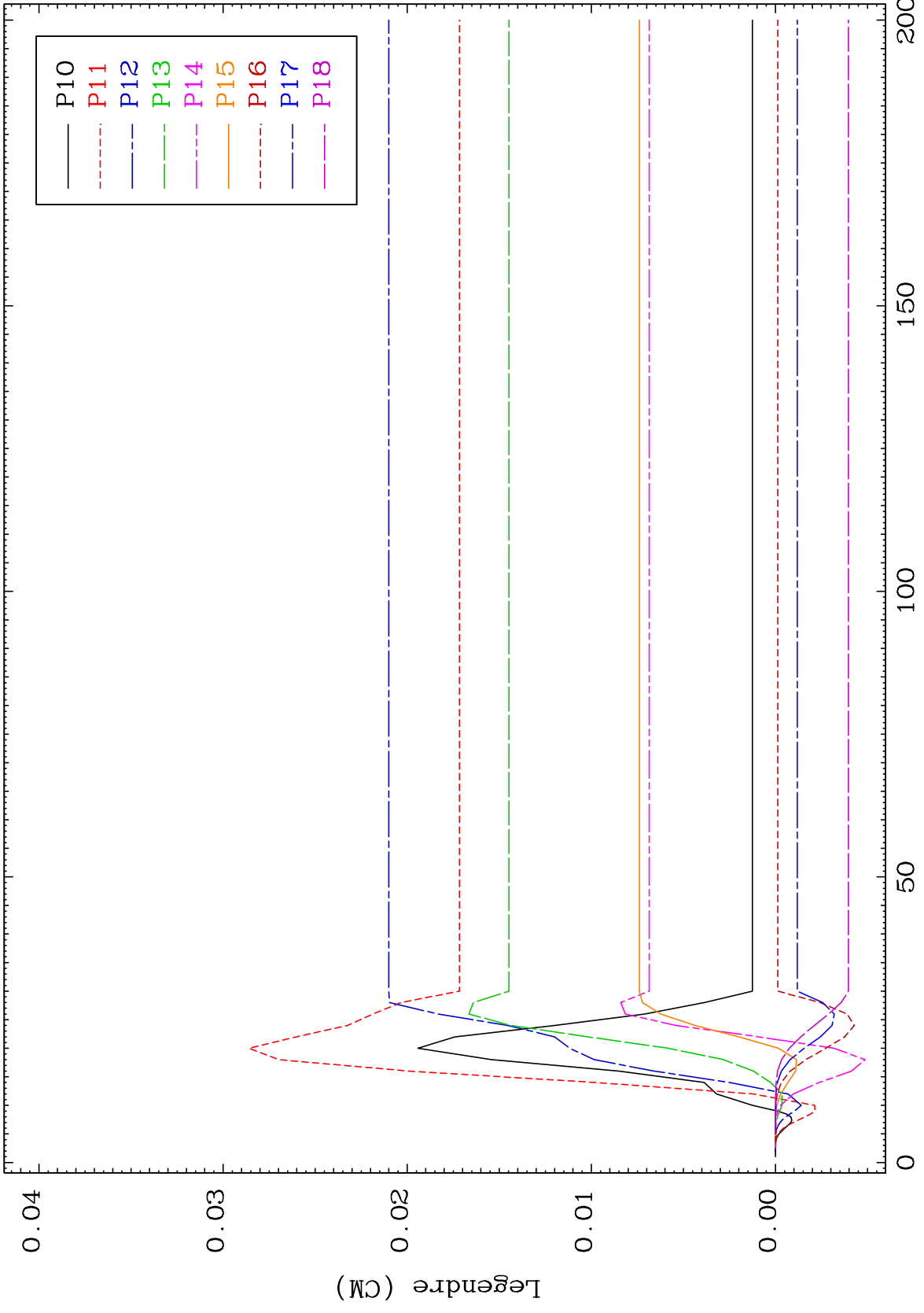
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

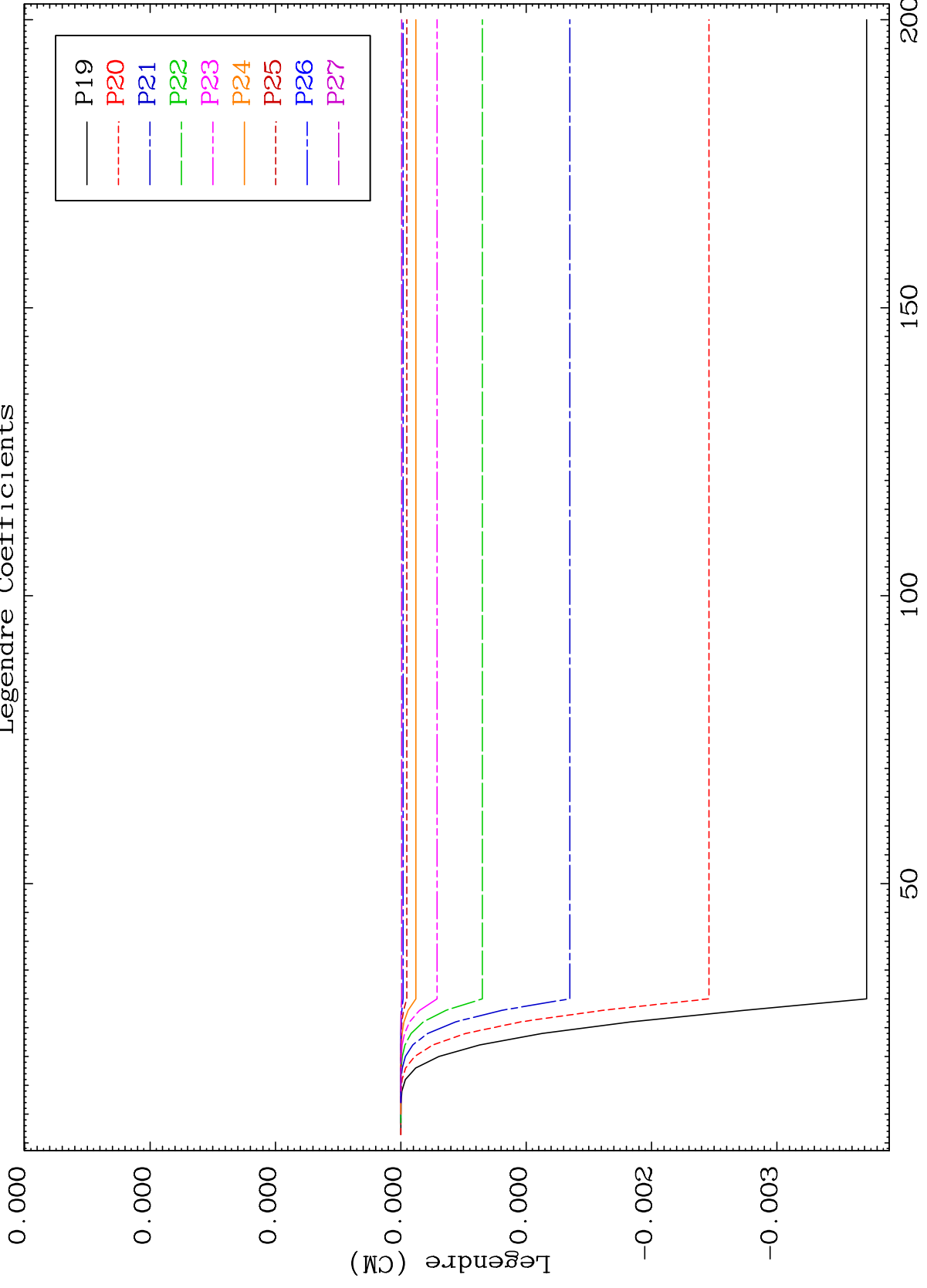


103

Incident Energy (MeV)

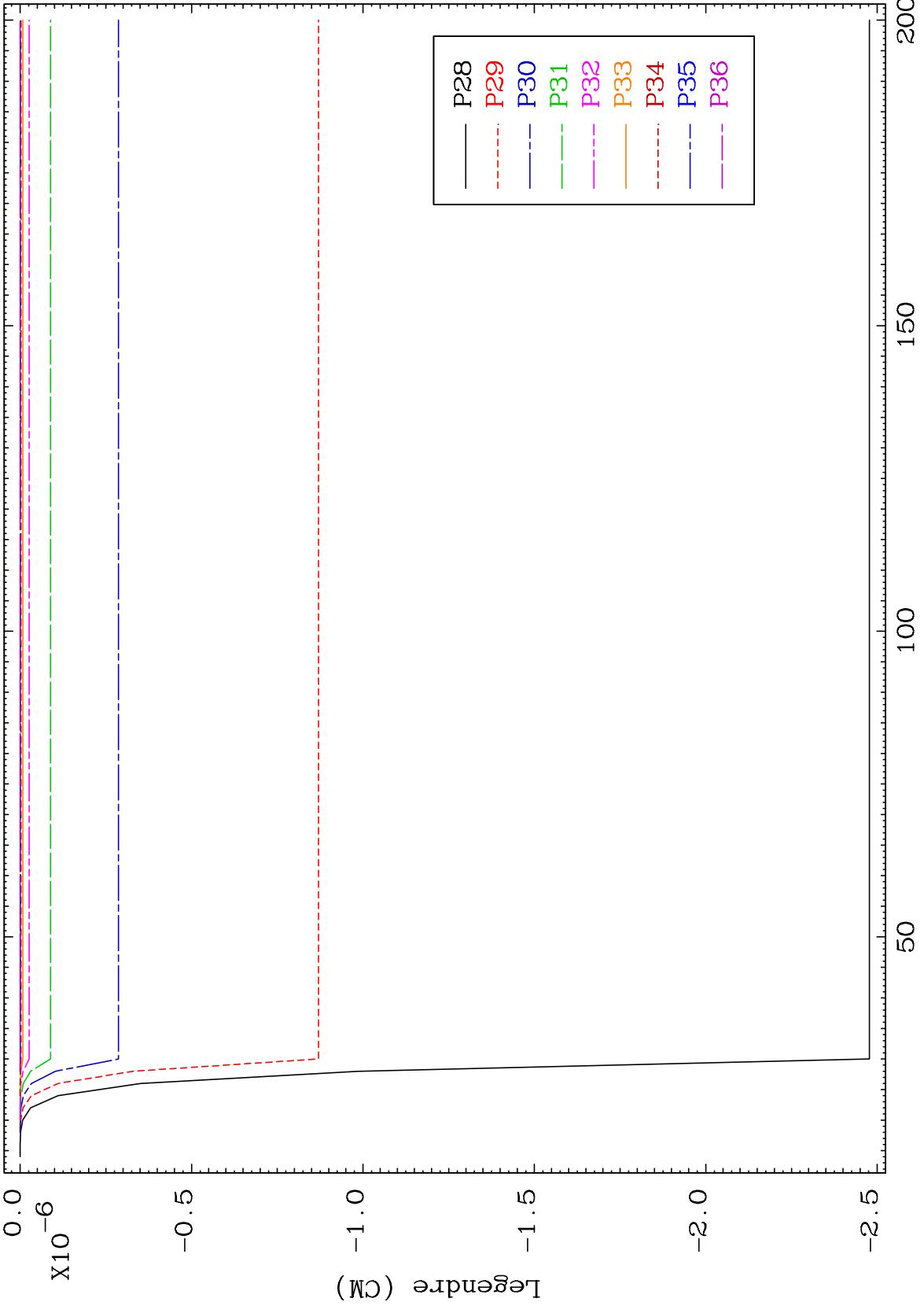
49-In-124

MAT 4958 MT= 76 (n,n') Level Legendre Coefficients 49-In-124



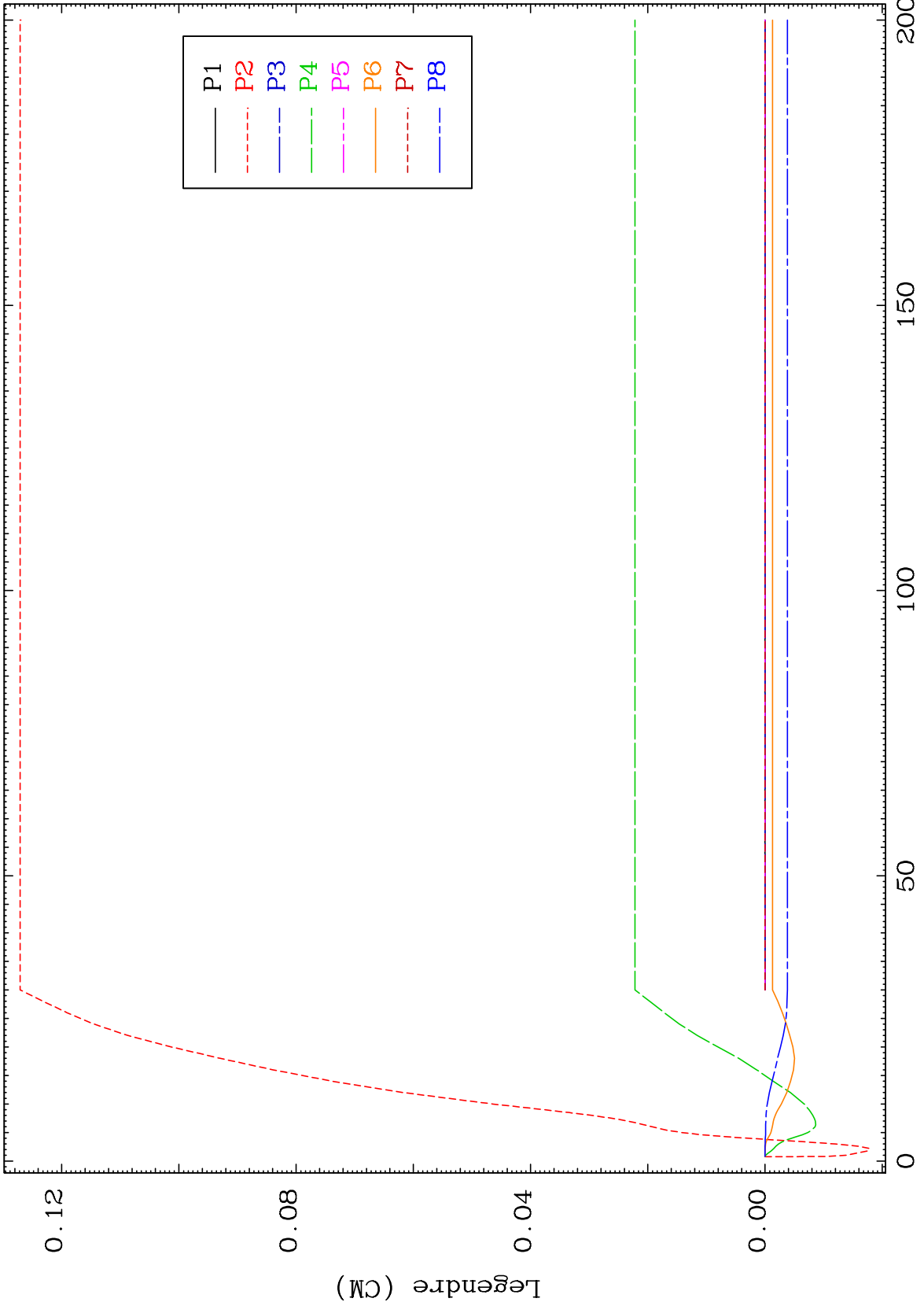
104 49-In-124

MAT 4958 MT= 76 (n,n') Level Legendre Coefficients 49-In-124



105 50 100 150 200 49-In-124

MAT 4958 MT= 77 (n,n') Level Legendre Coefficients 49-In-124

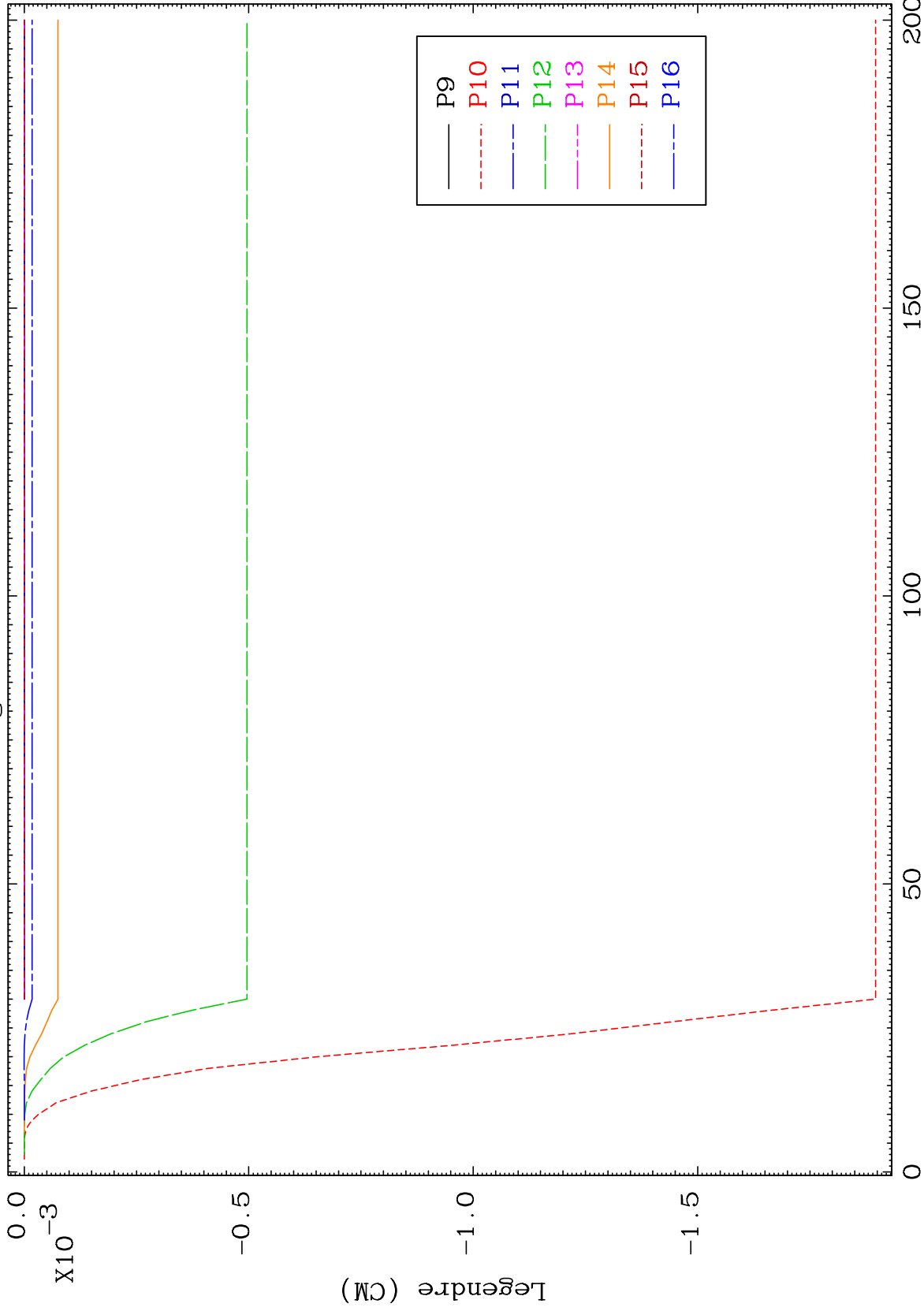


106 Incident Energy (MeV) 49-In-124

MAT 4958

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

49-In-124



107

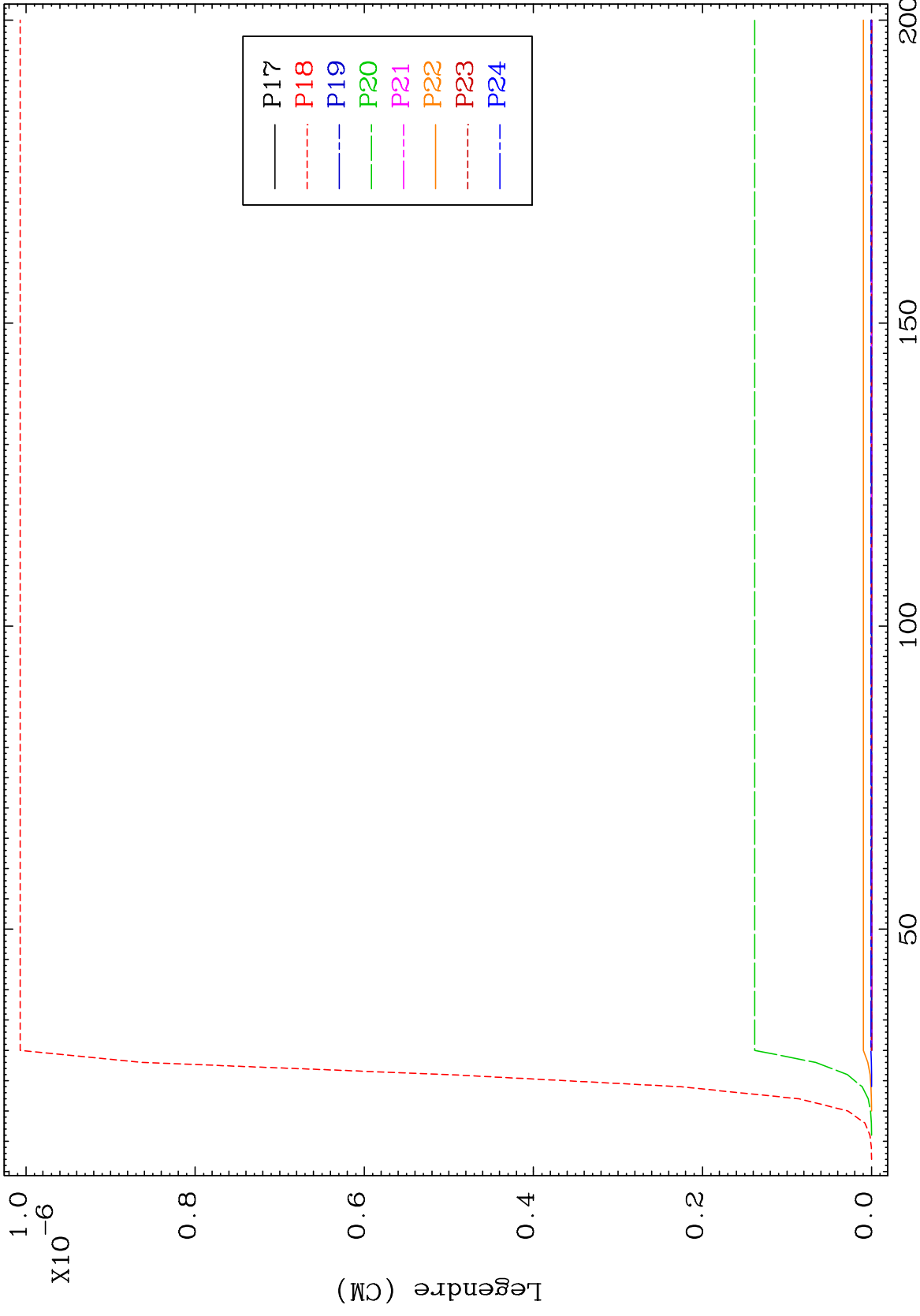
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



49-In-124

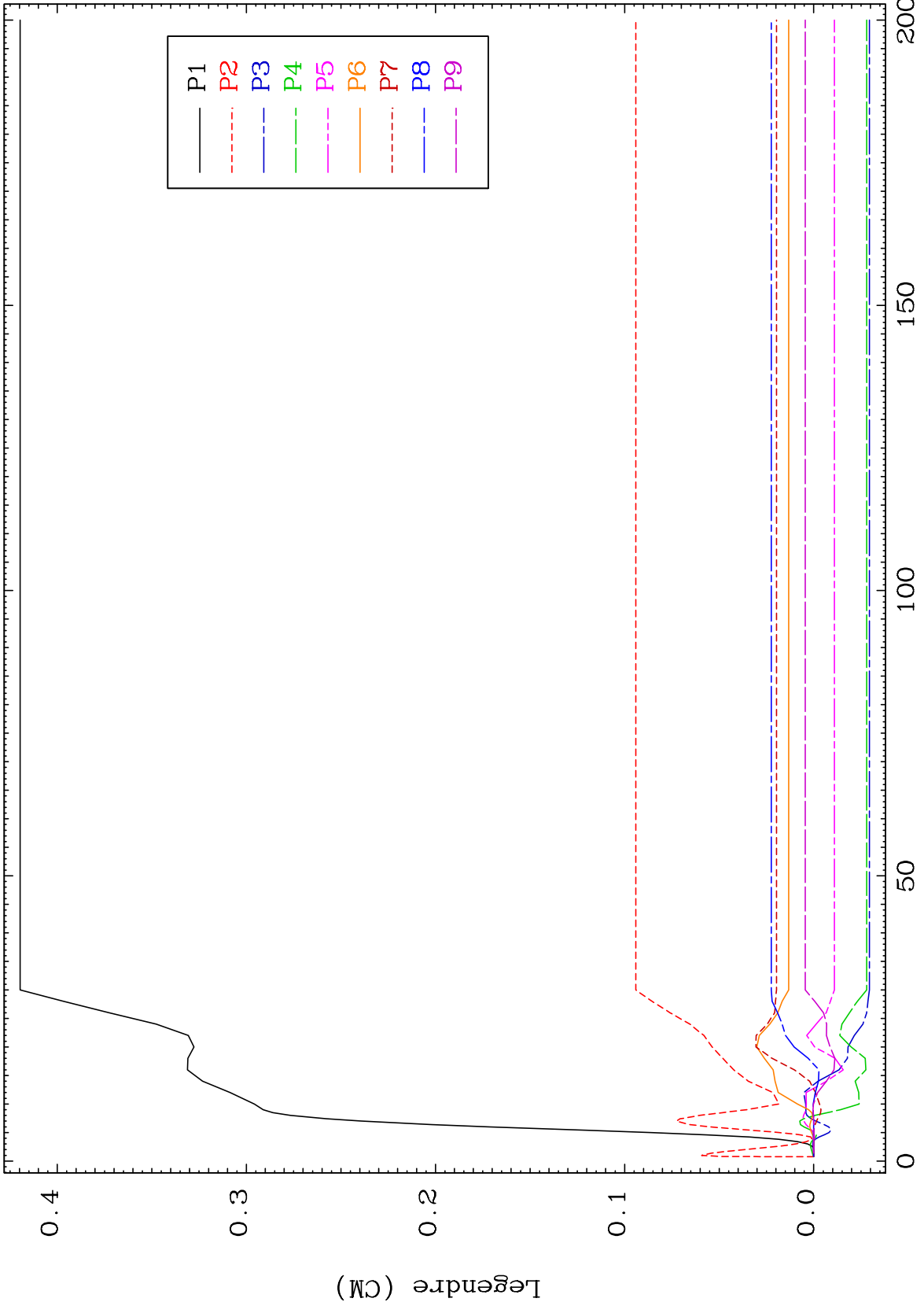
Incident Energy (MeV)

108

MAT 4958

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

49-In-124

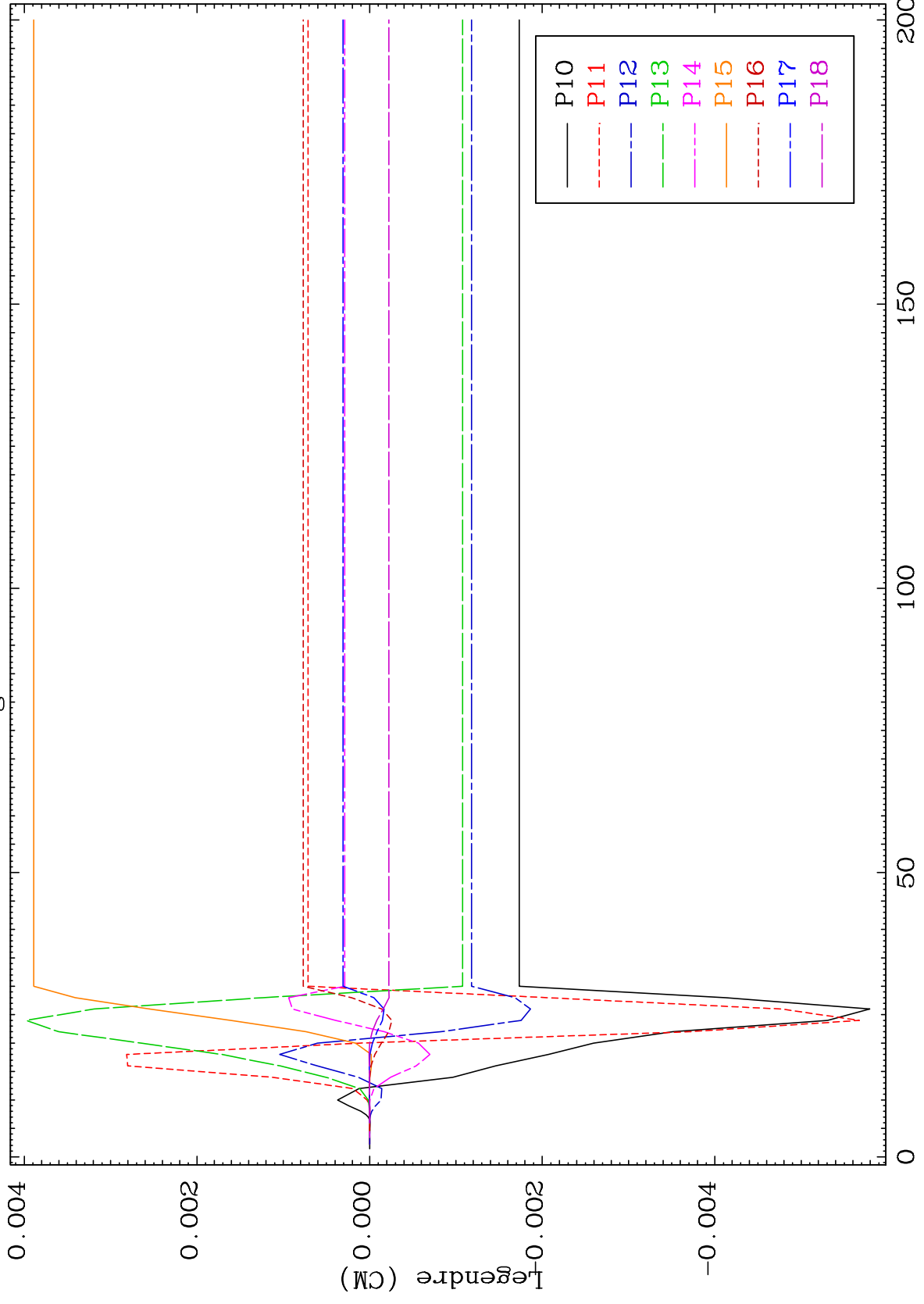


49-In-124

Incident Energy (MeV)

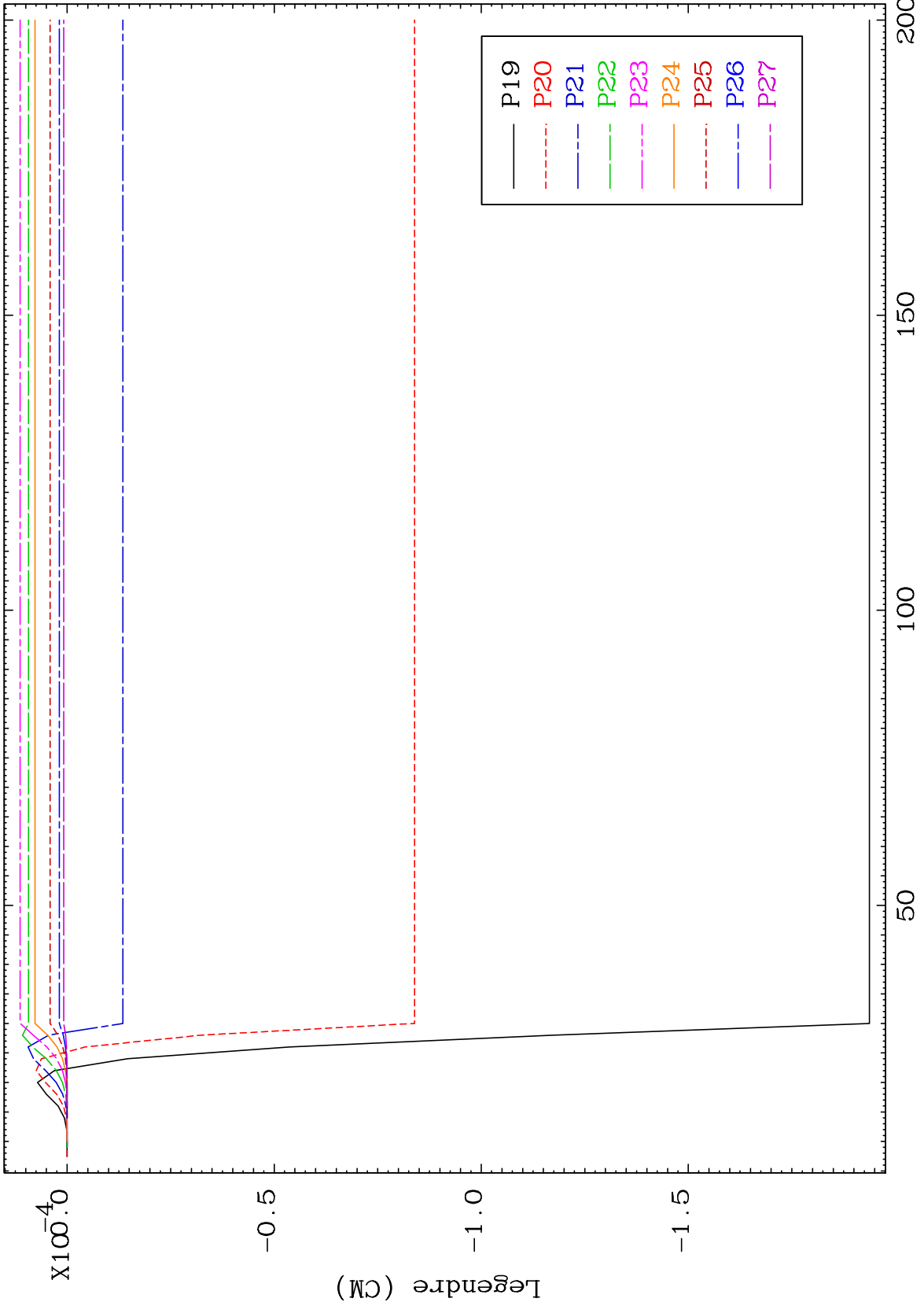
109

MAT 4958 MT= 78 (n,n') Level Legendre Coefficients 49-In-124



110 49-In-124

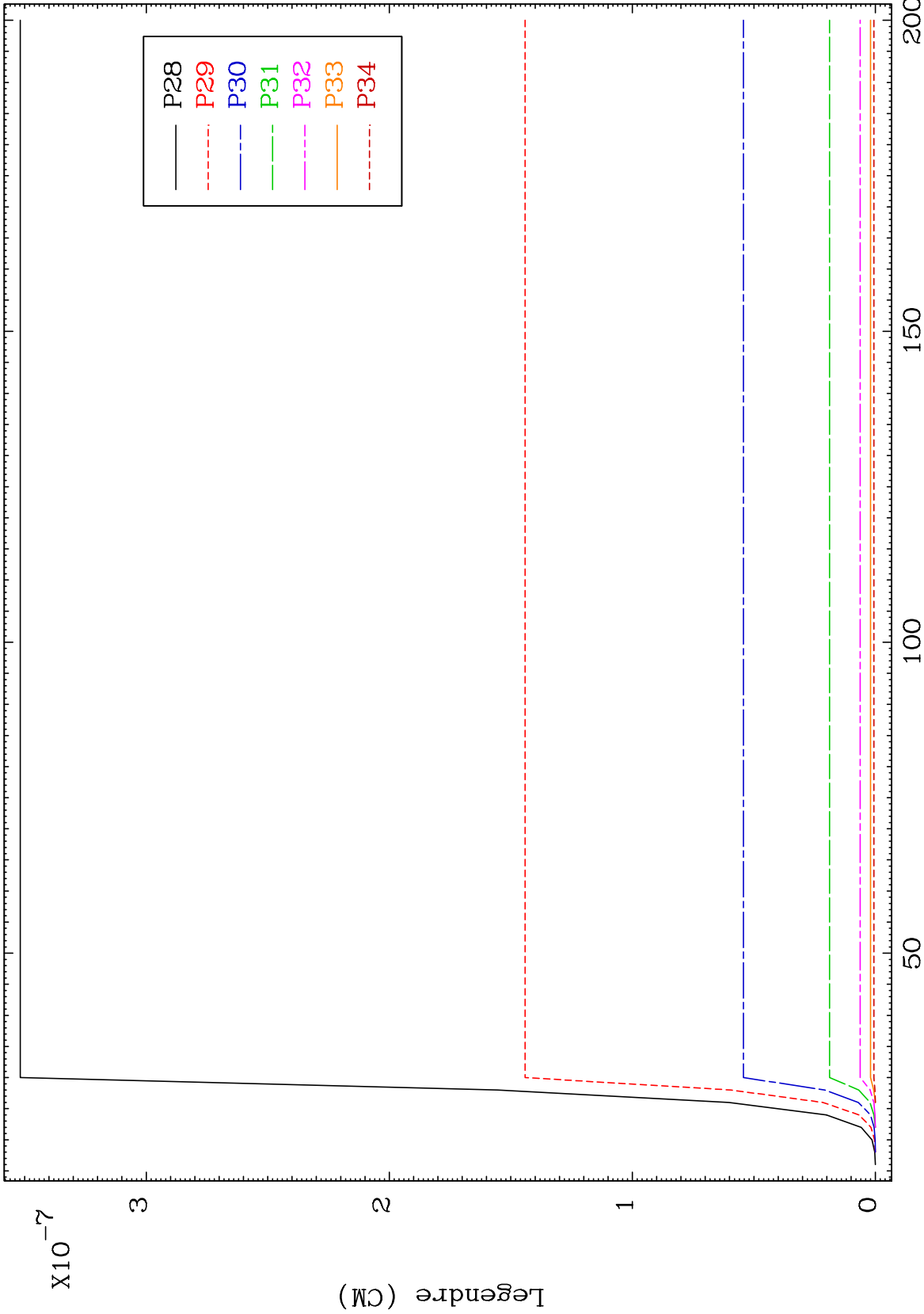
MAT 4958 MT= 78 (n,n') Level Legendre Coefficients 49-In-124



MAT 4958

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

49-In-124



112

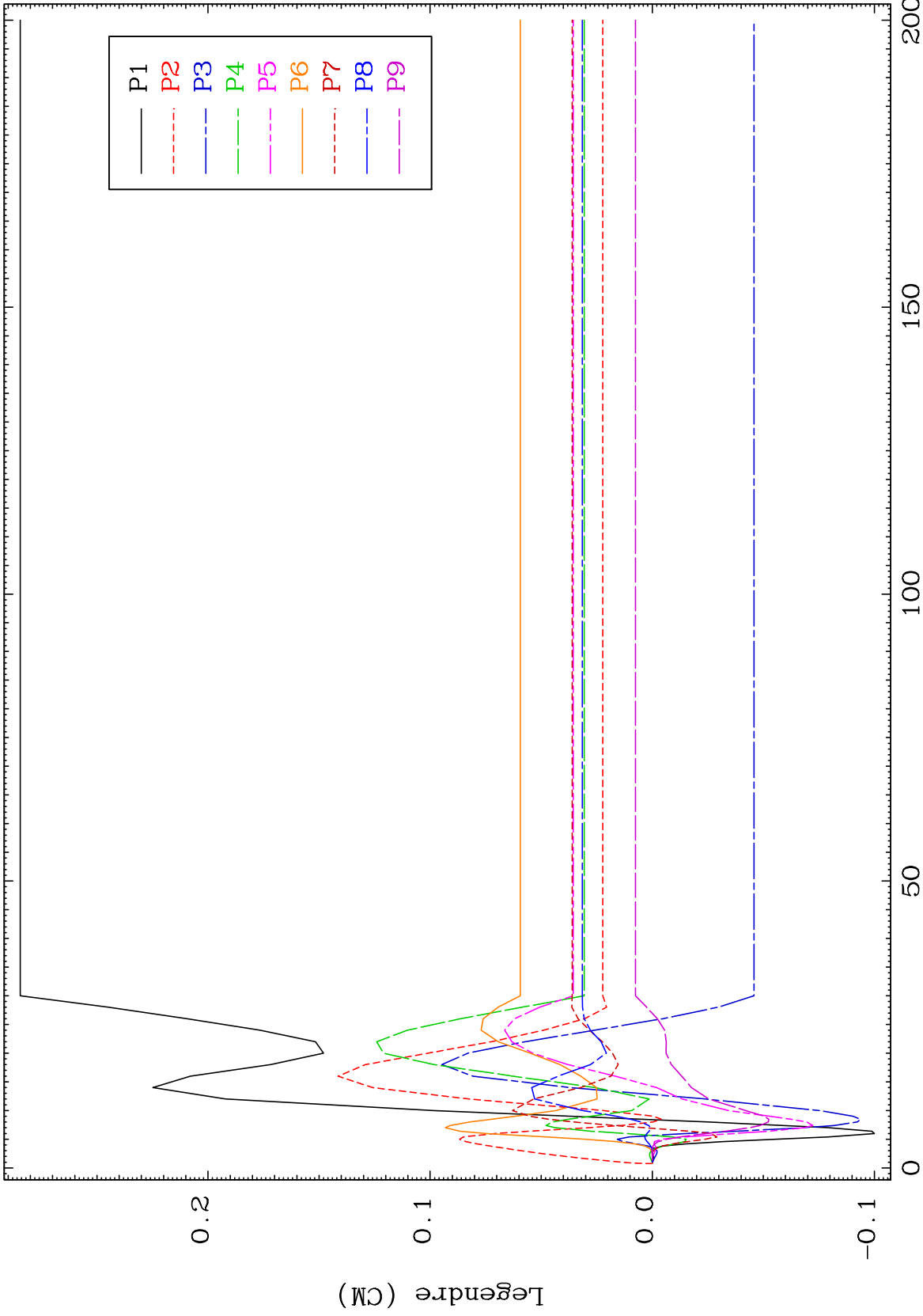
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124



113

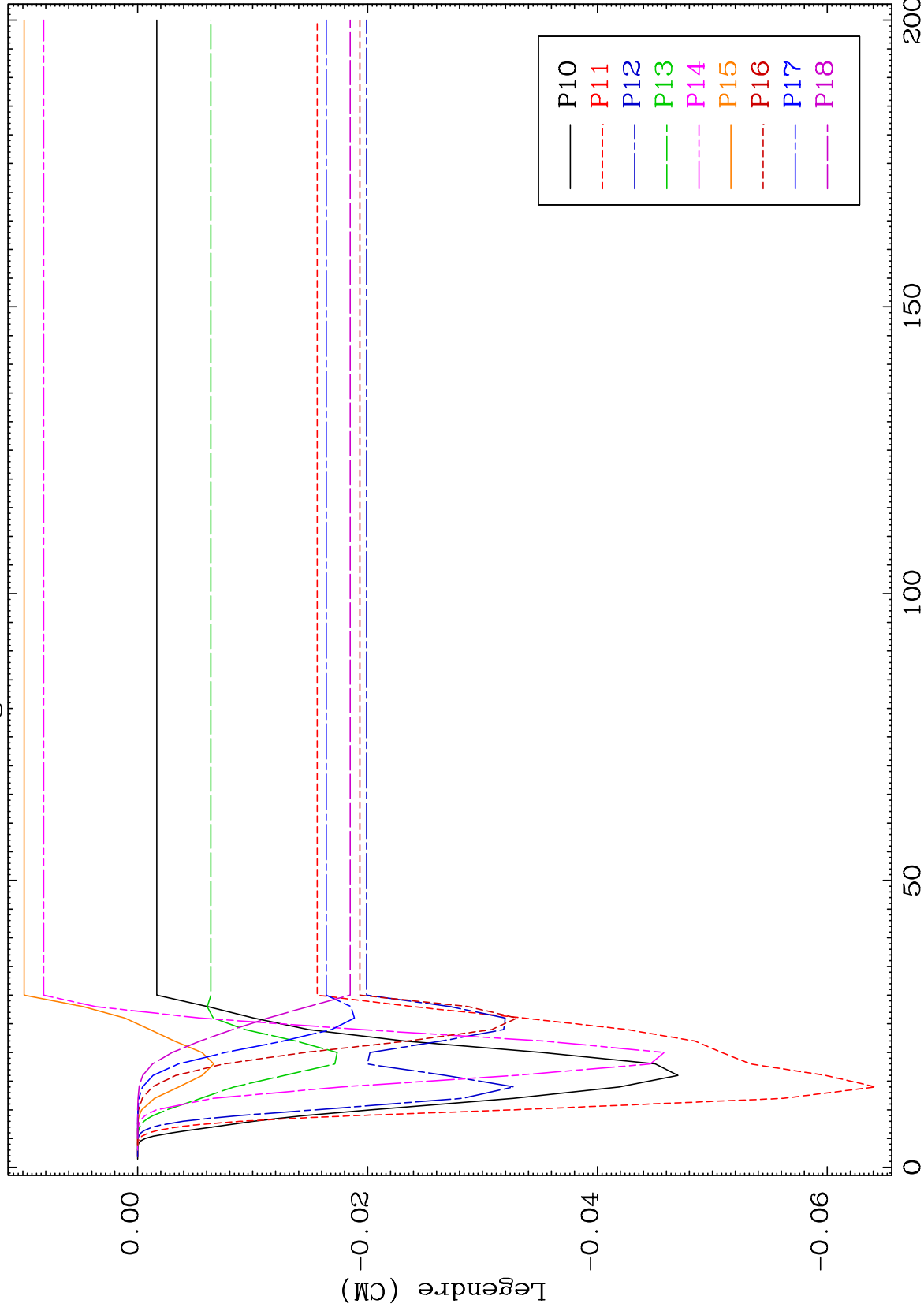
Incident Energy (MeV)

49-In-124

MAT 4958

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

49-In-124

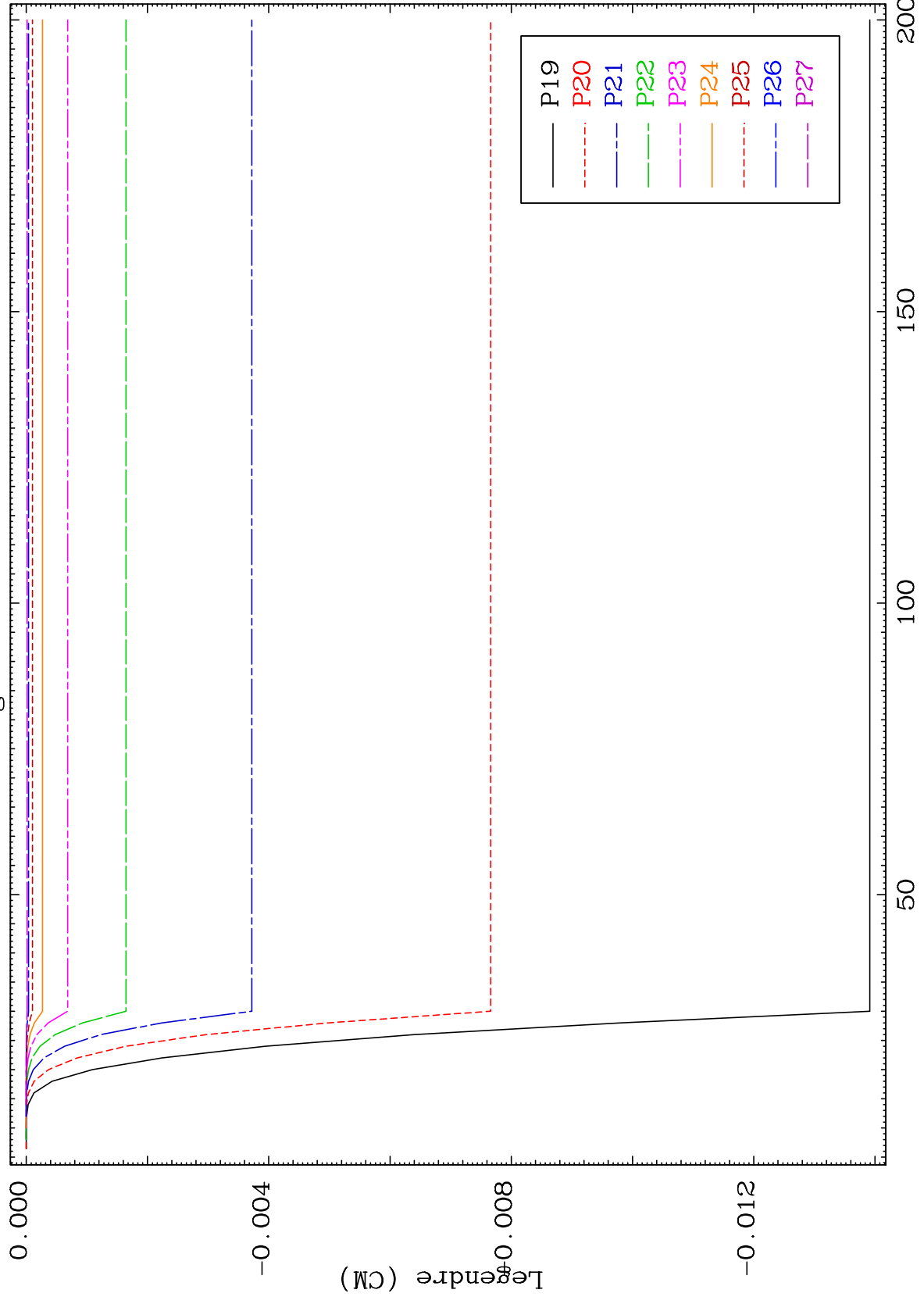


114

Incident Energy (MeV)

49-In-124

MAT 4958 MT= 79 (n,n') Level Legendre Coefficients 49-In-124

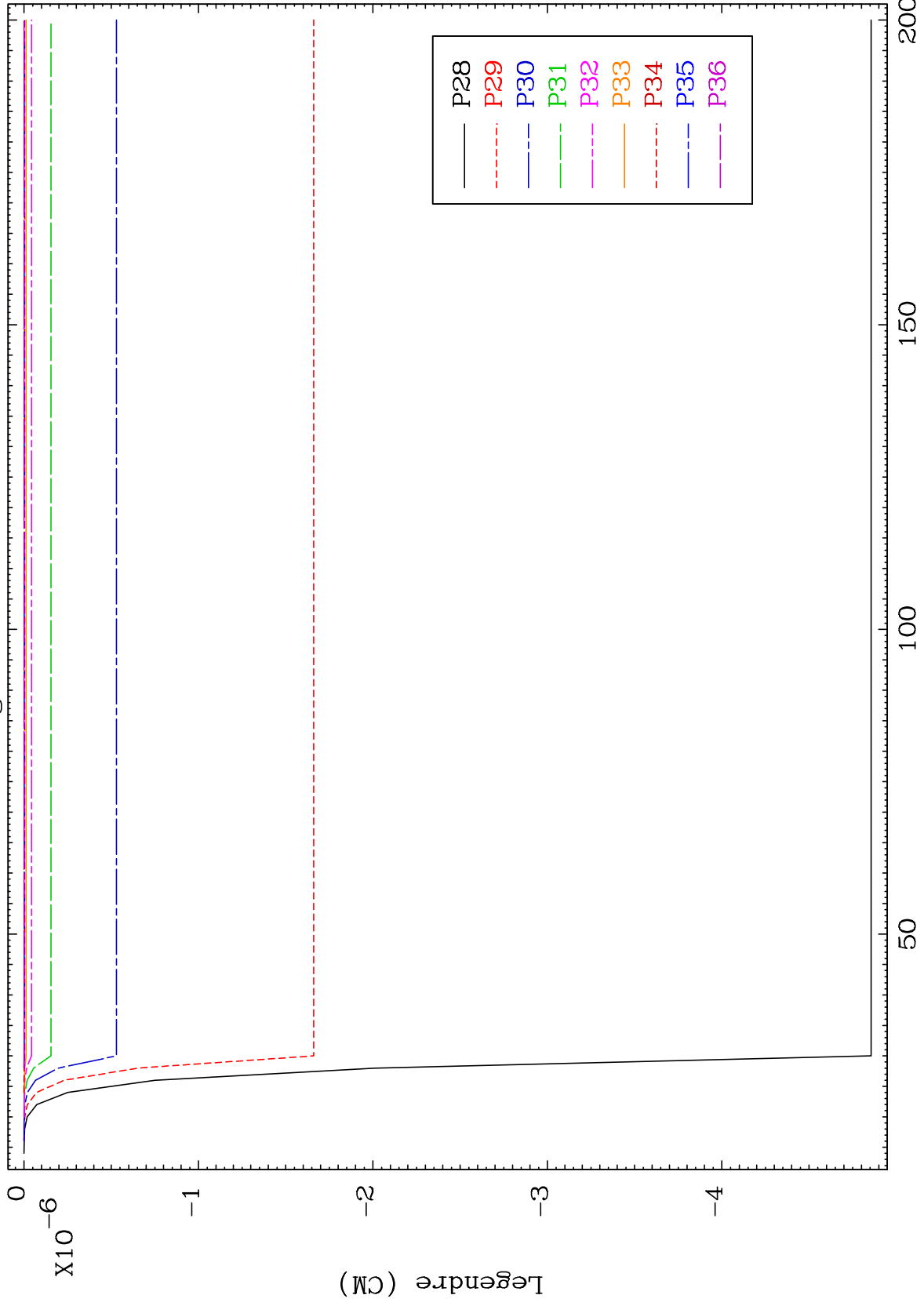


115 49-In-124

MAT 4958

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

49-In-124



49-In-124

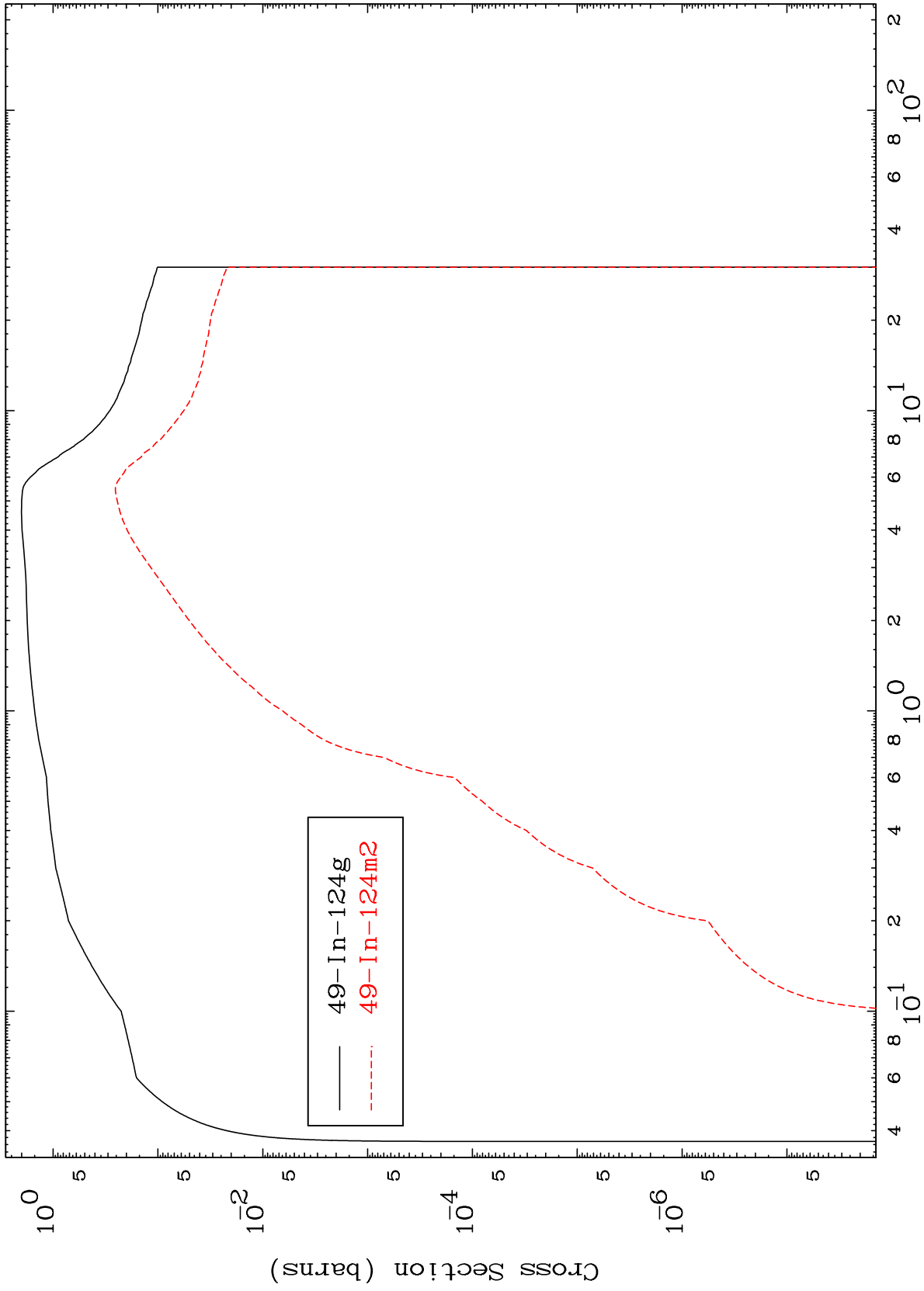
Incident Energy (MeV)

116

MAT 4958

Inelastic Radionuclide Production Cross Section

49-In-124



117

Incident Energy (MeV)

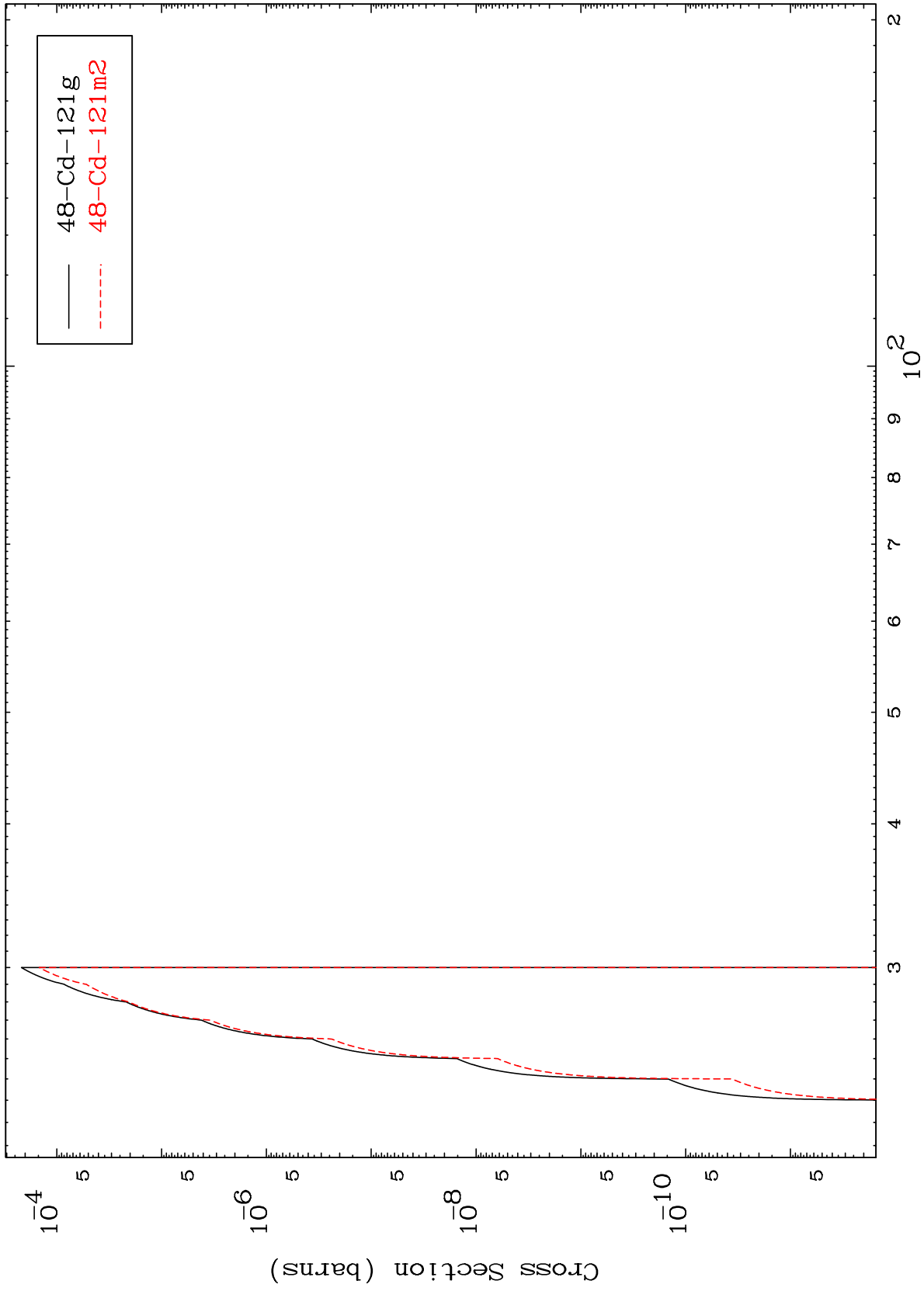
49-In-124

MAT 4958

(n,2n) d

49-In-124

Radionuclide Production Cross Section



118

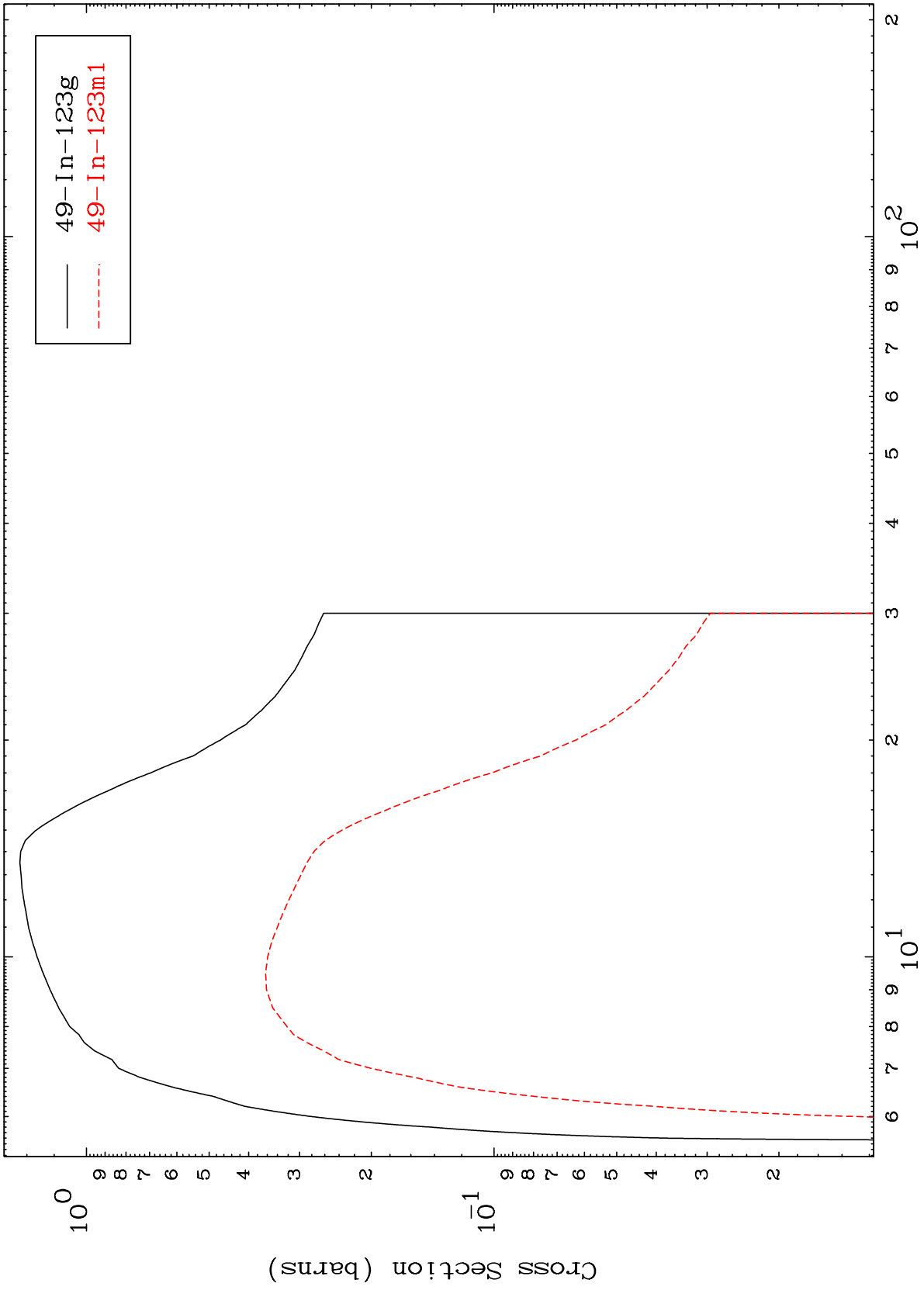
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

(n,2n)
Radionuclide Production Cross Section



119

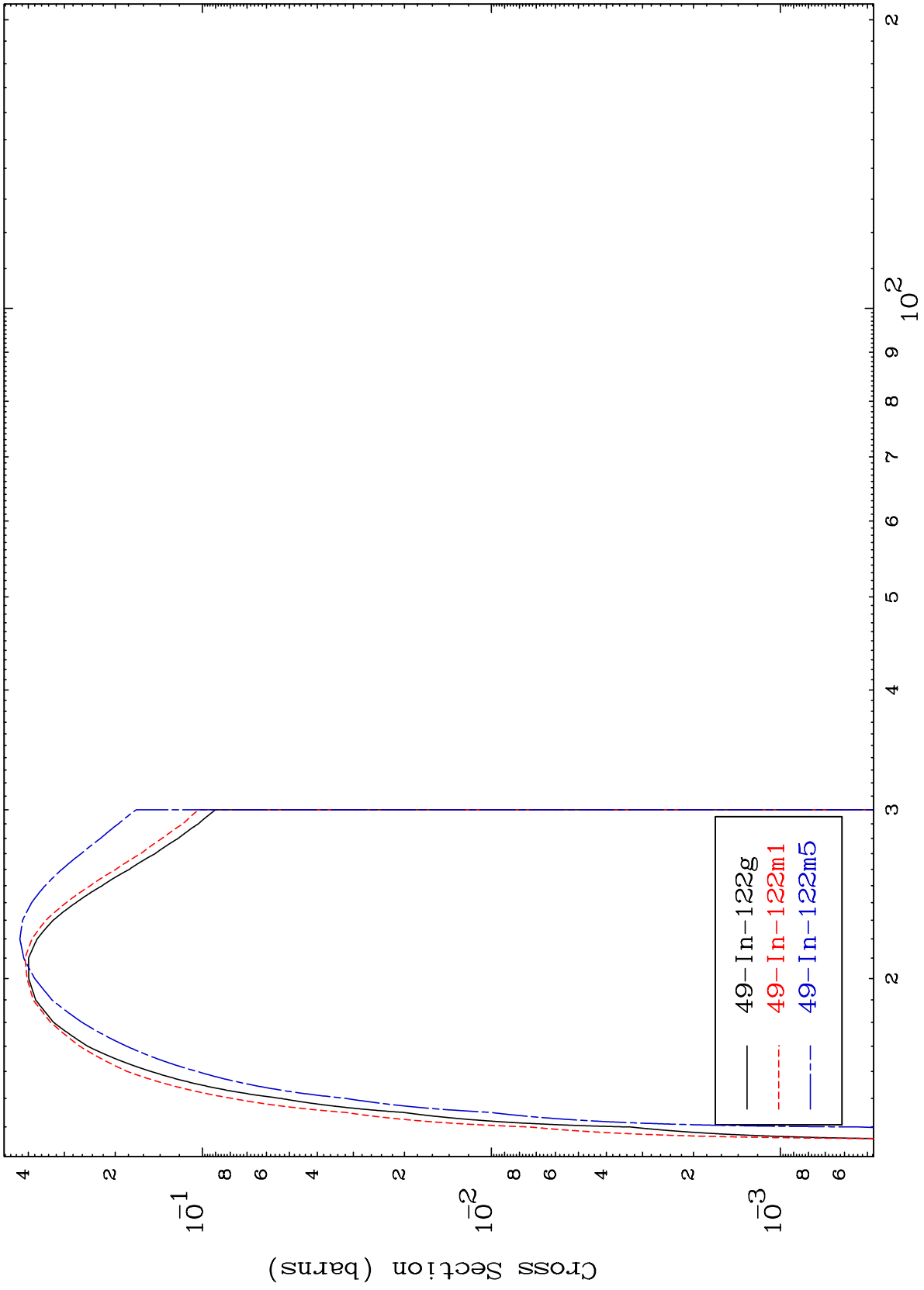
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

(n,3n)
Radionuclide Production Cross Section



120

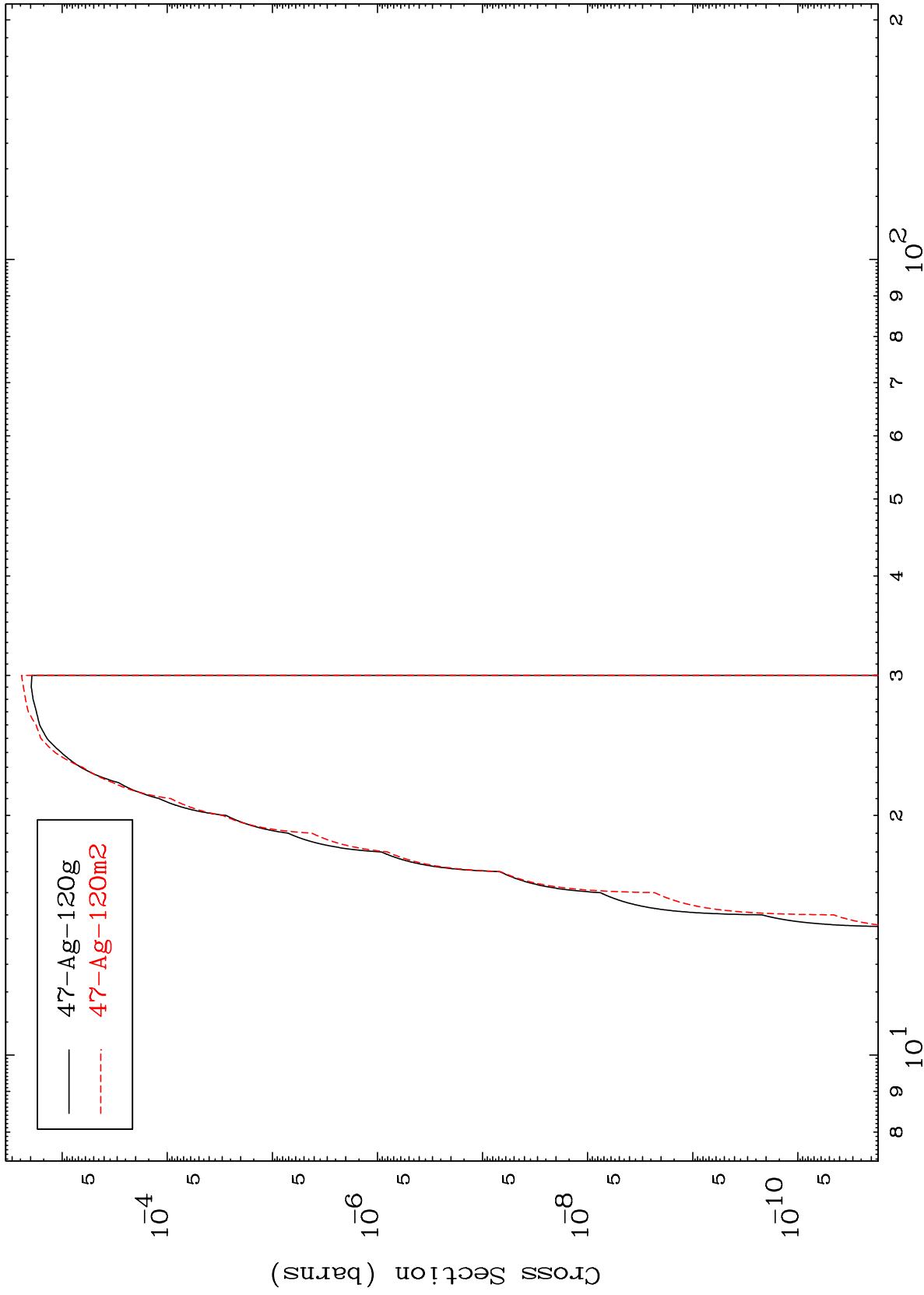
49-In-124

MAT 4958

(n,n') α

49-In-124

Radionuclide Production Cross Section



121

Incident Energy (MeV)

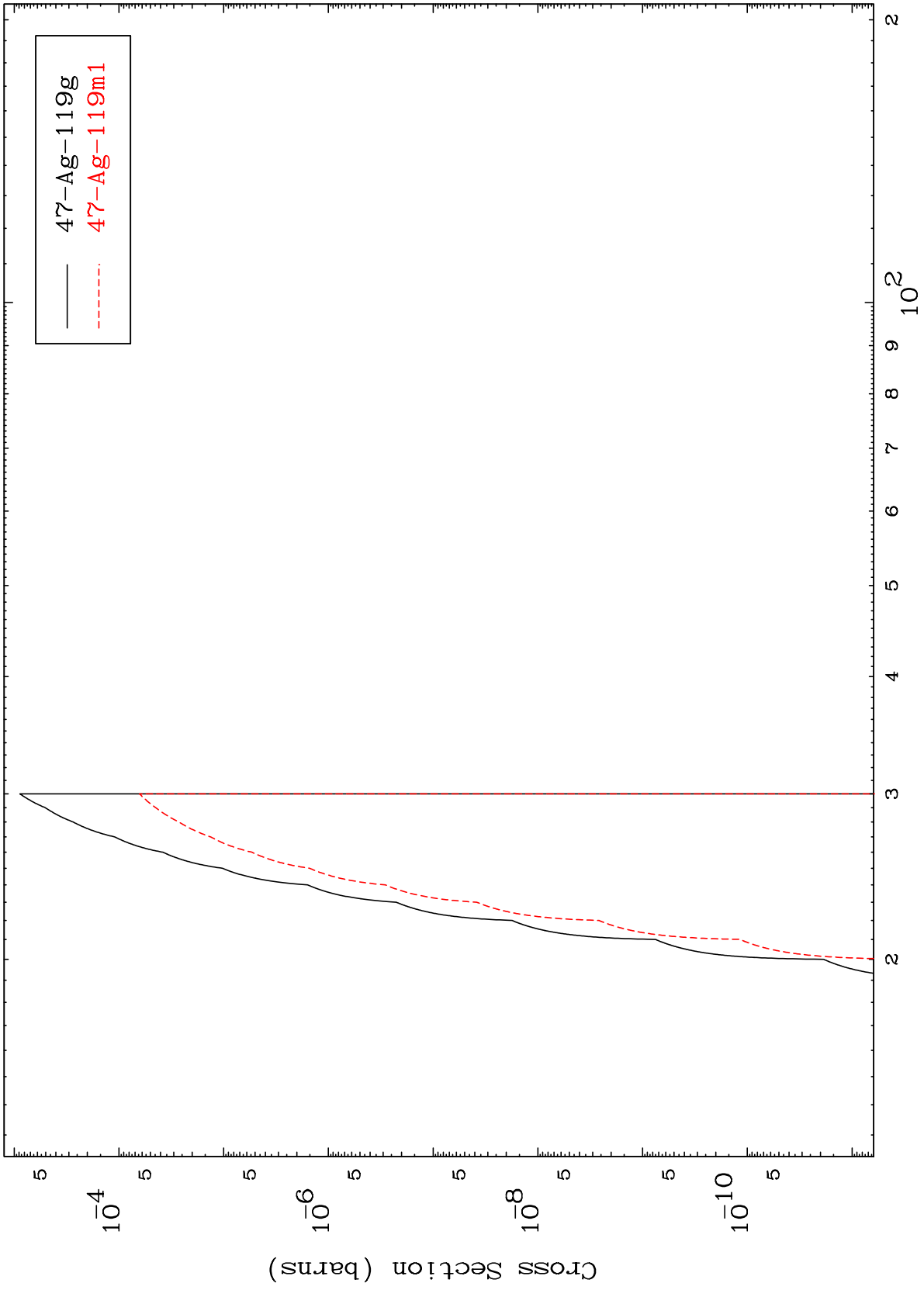
49-In-124

MAT 4958

(n,2n) α

49-In-124

Radionuclide Production Cross Section



122

Incident Energy (MeV)

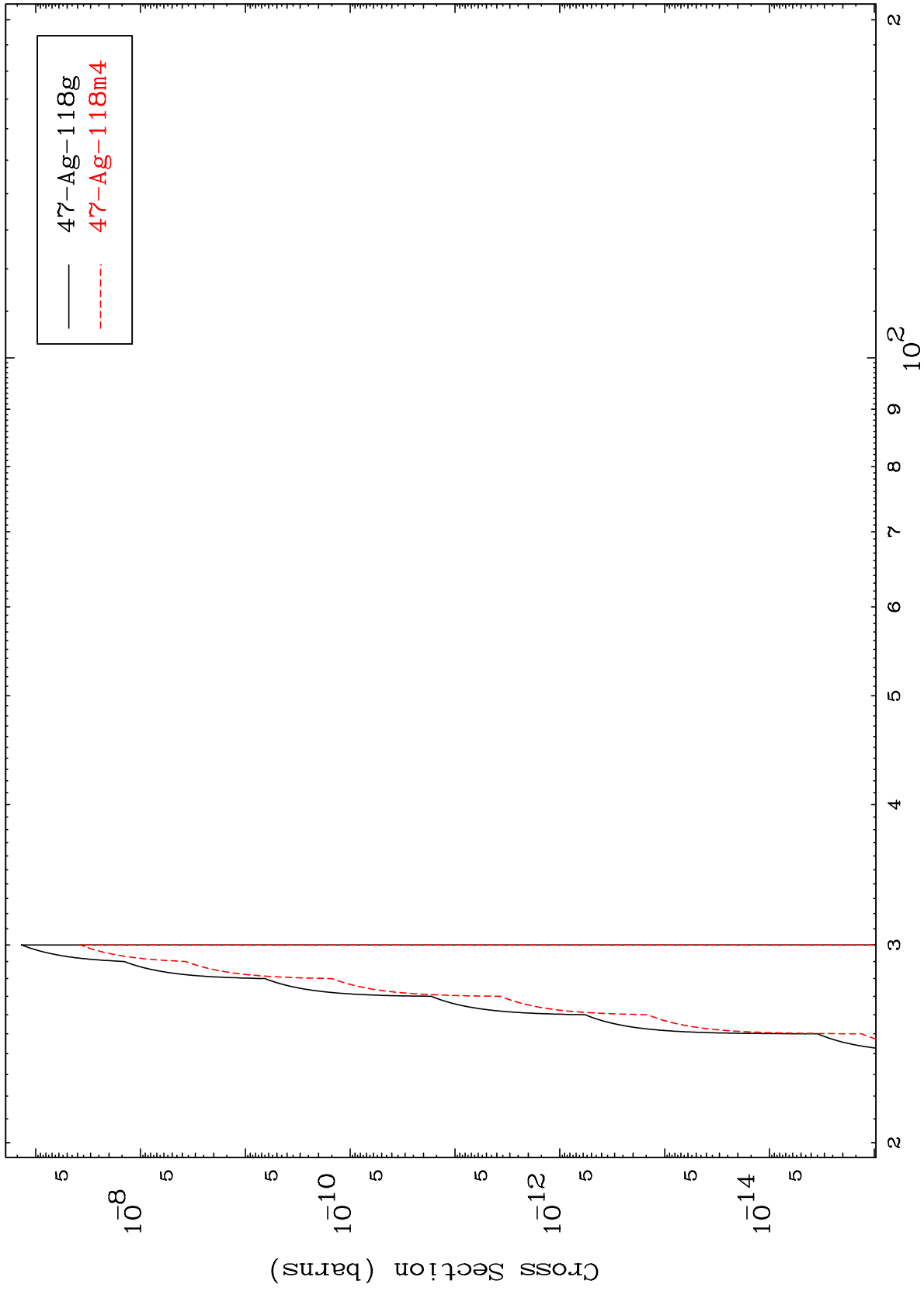
49-In-124

MAT 4958

(n,3n) α

49-In-124

Radionuclide Production Cross Section



123

Incident Energy (MeV)

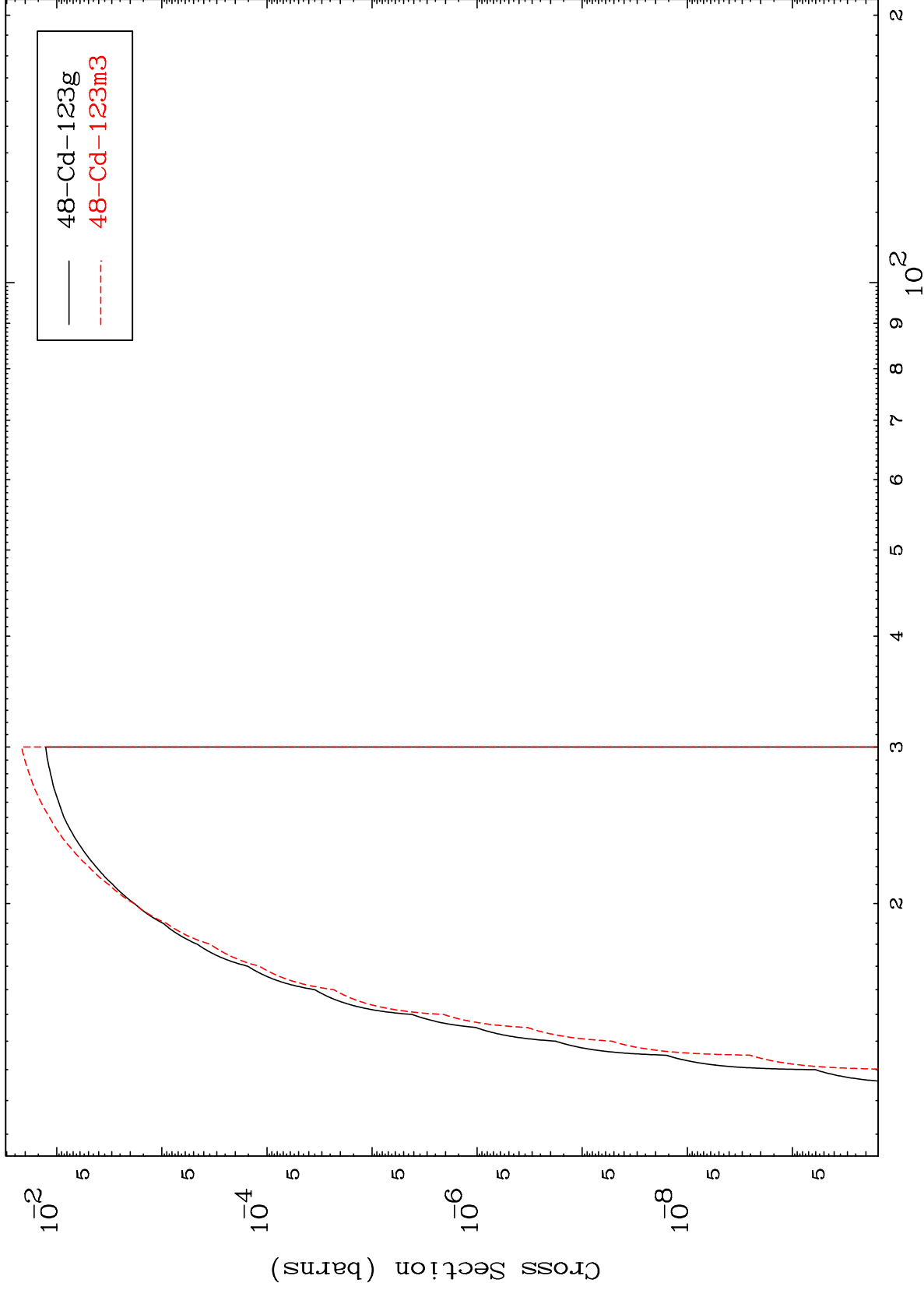
49-In-124

MAT 4958

(n,n') p

49-In-124

Radionuclide Production Cross Section



124

Incident Energy (MeV)

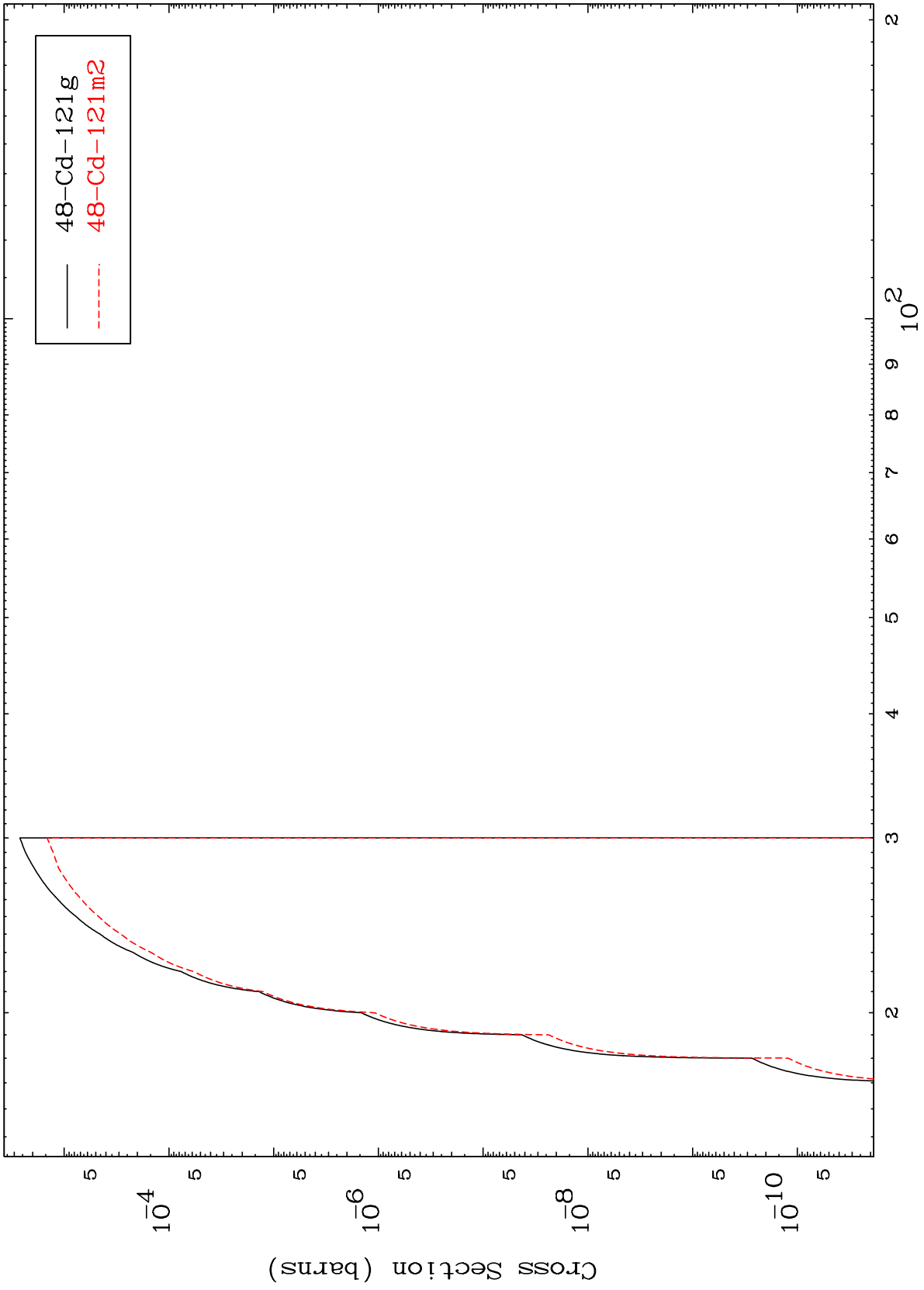
49-In-124

MAT 4958

(n,n') t

49-In-124

Radionuclide Production Cross Section



125

Incident Energy (MeV)

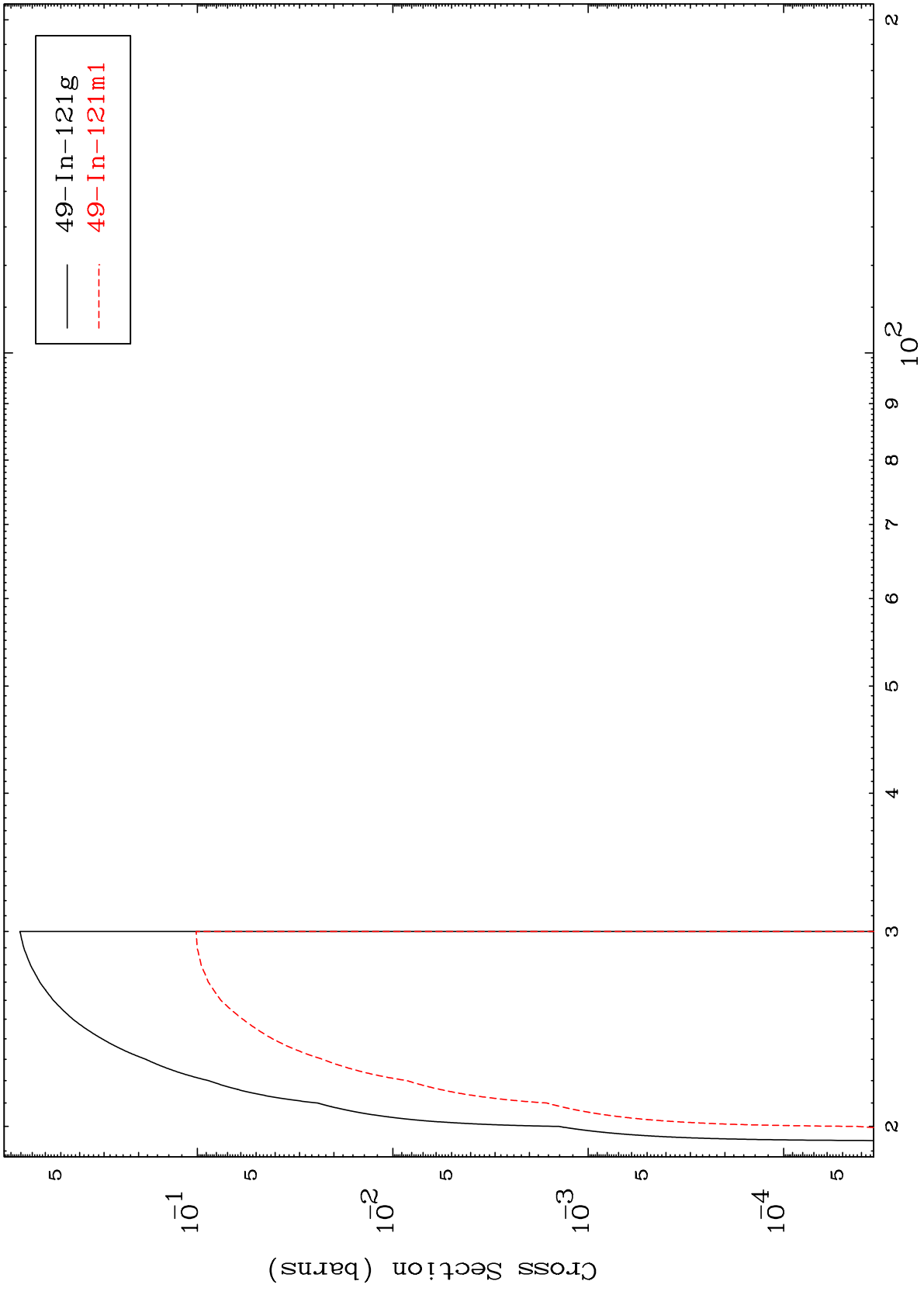
49-In-124

MAT 4958

(n,4n)

49-In-124

Radionuclide Production Cross Section



126

Incident Energy (MeV)

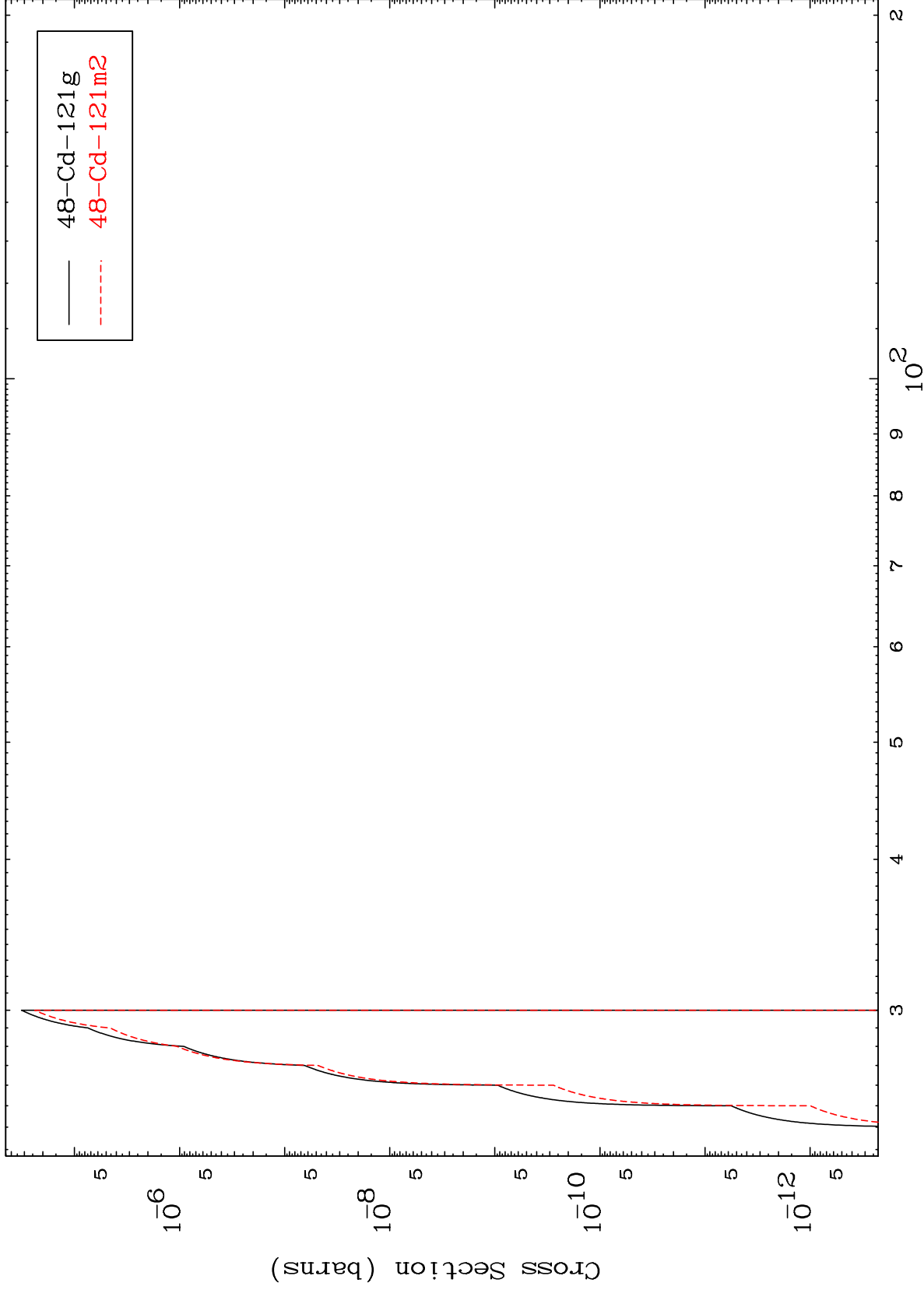
49-In-124

MAT 4958

(n,3n) p

49-In-124

Radionuclide Production Cross Section



127

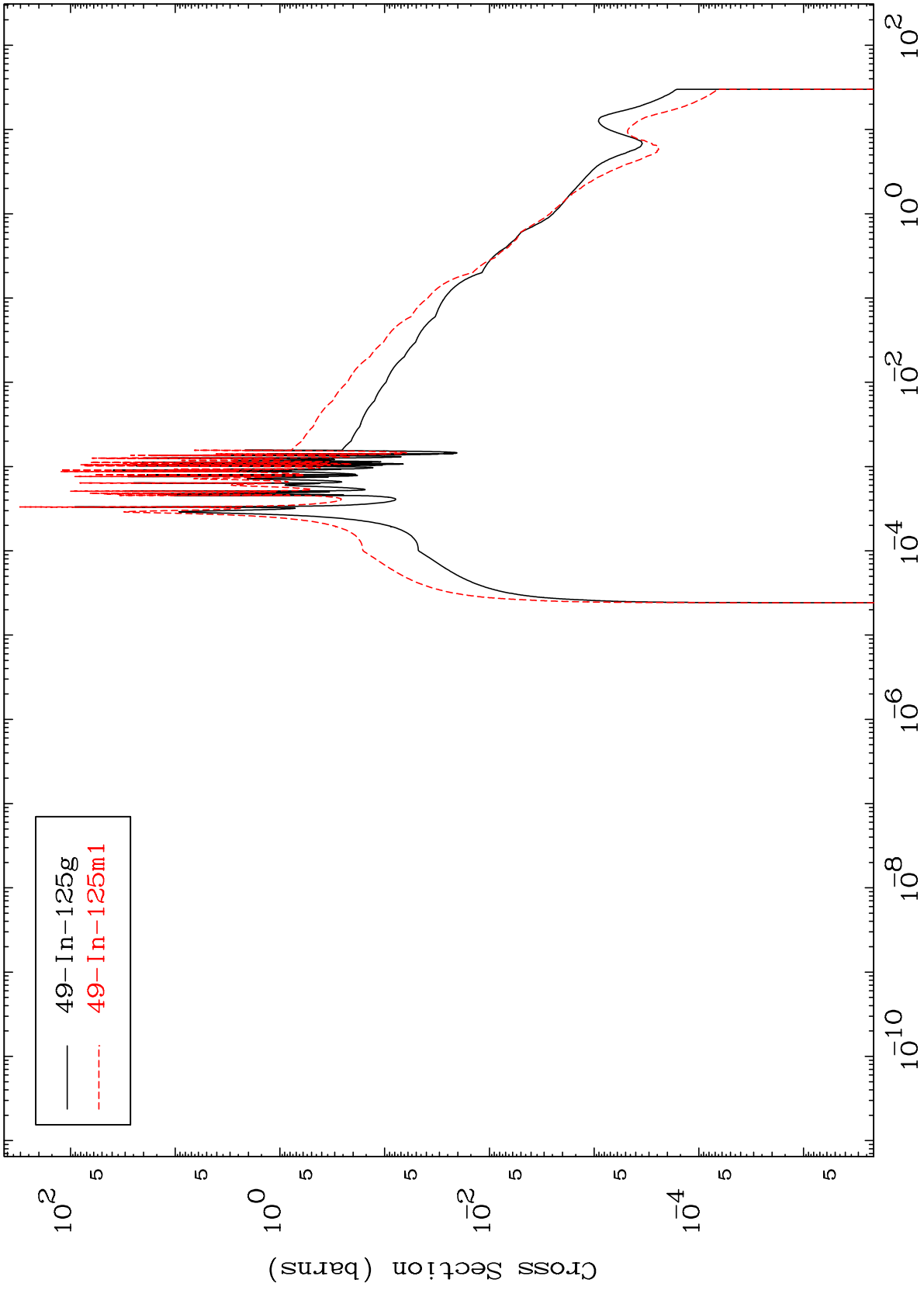
Incident Energy (MeV)

49-In-124

MAT 4958

49-In-124

Radionuclide Production Cross Section (n,γ)



128

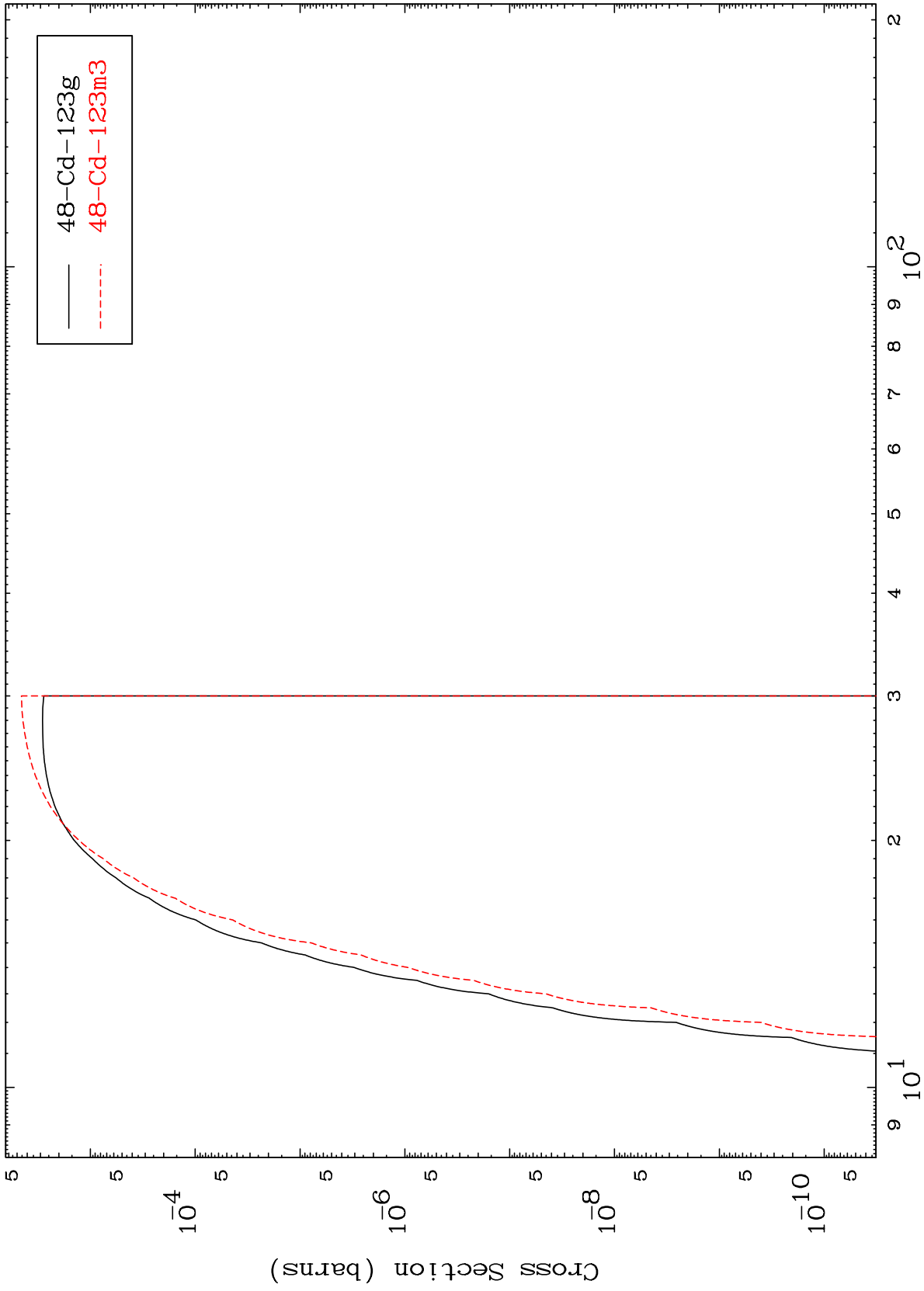
49-In-124

MAT 4958

(n,d)

49-In-124

Radionuclide Production Cross Section



129

Incident Energy (MeV)

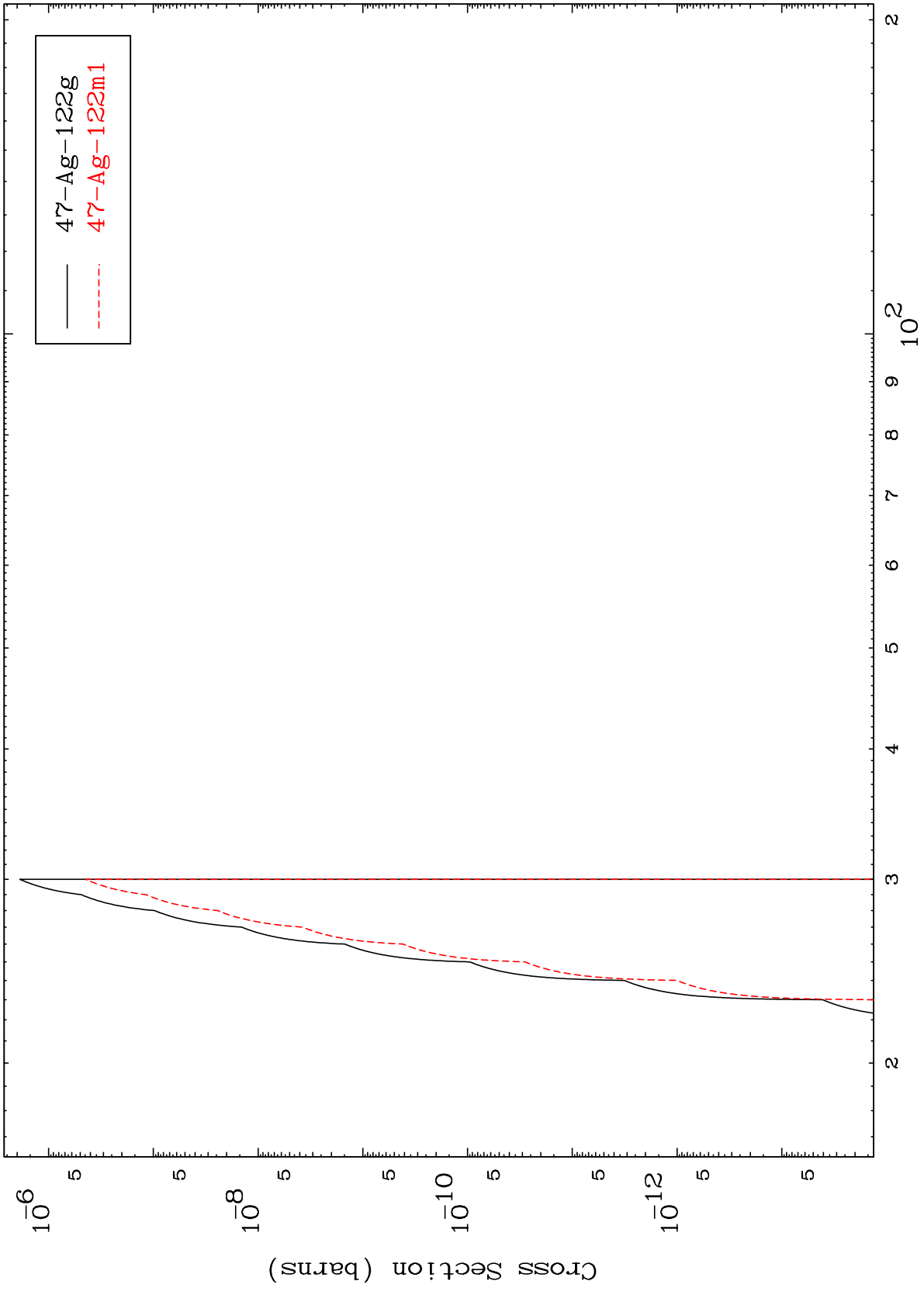
49-In-124

MAT 4958

(n,He-3)

49-In-124

Radionuclide Production Cross Section



47-Ag-122g
47-Ag-122m1

130

Incident Energy (MeV)

49-In-124