

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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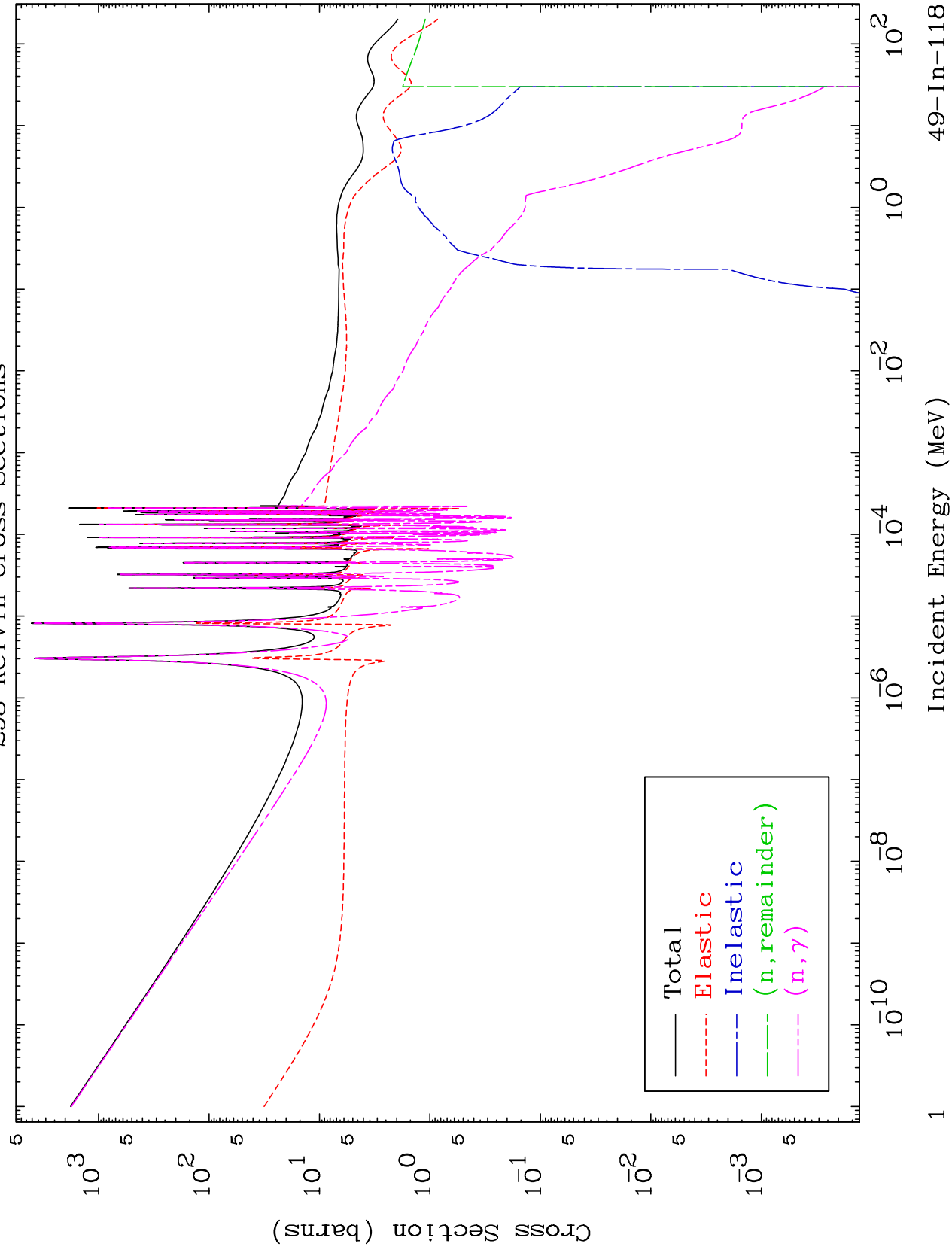
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

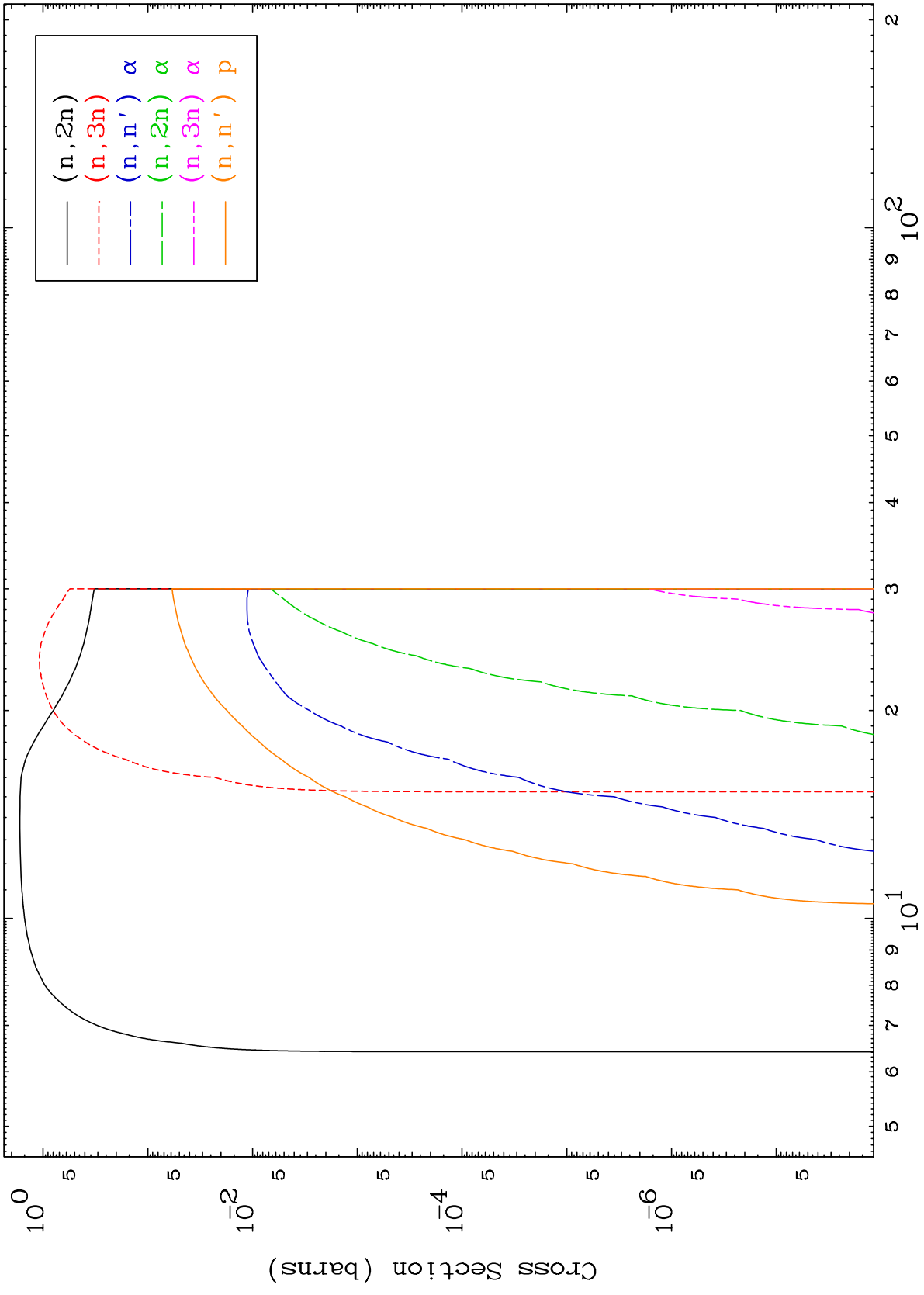
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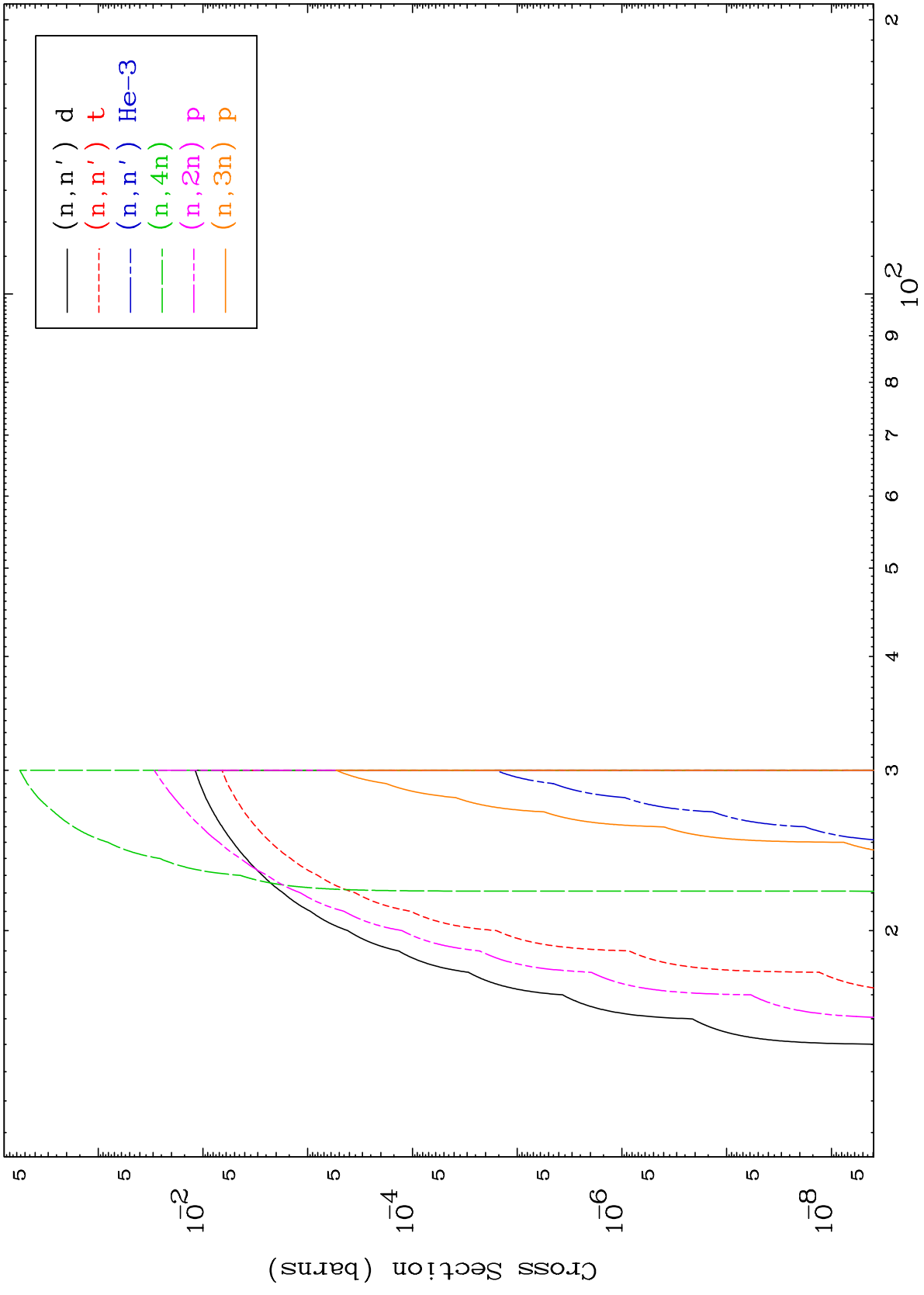
MAT 4940

Major
293 Kelvin Cross Sections

49-In-118



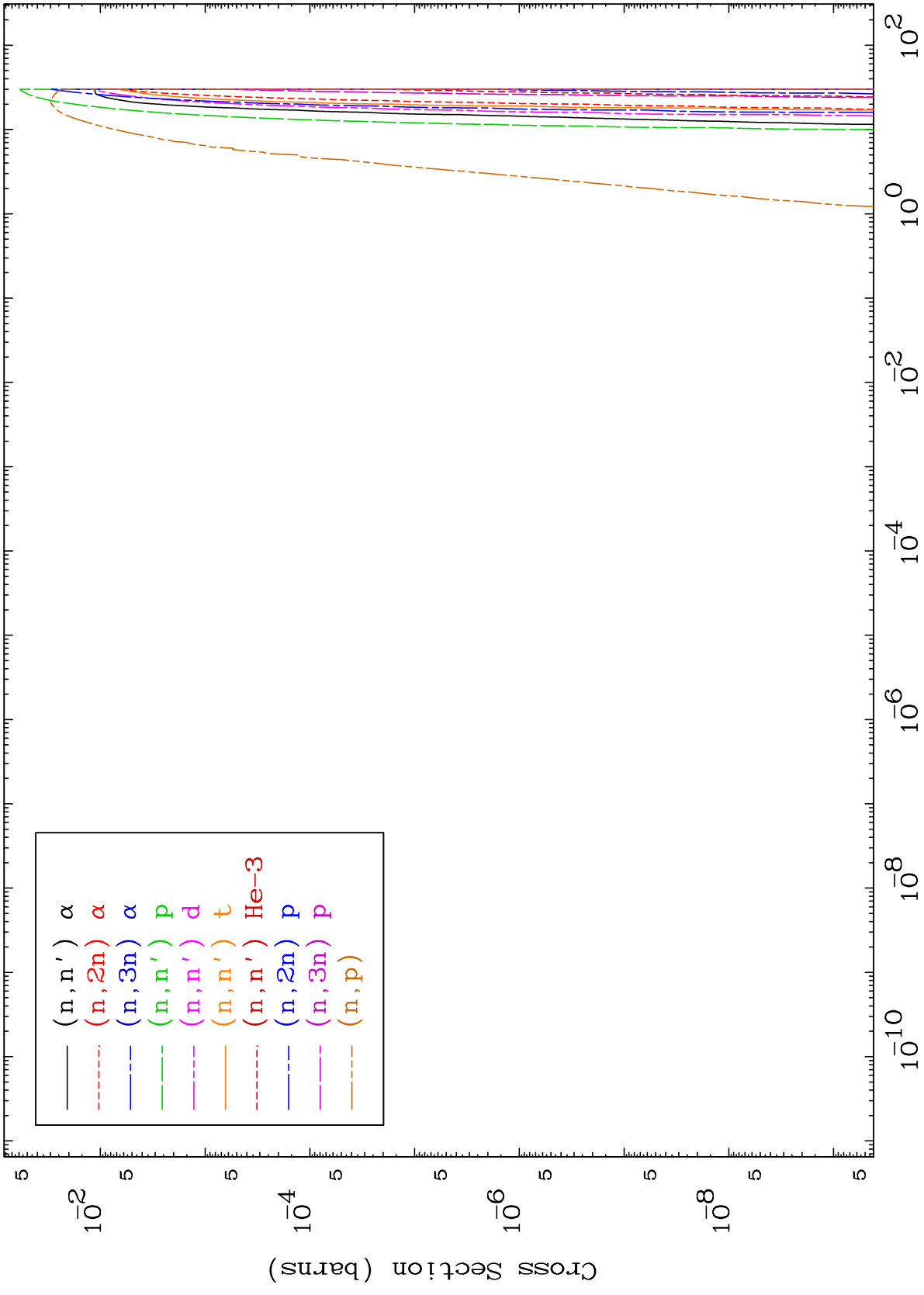




MAT 4940

Charged Particle
293 Kelvin Cross Sections

49-In-118

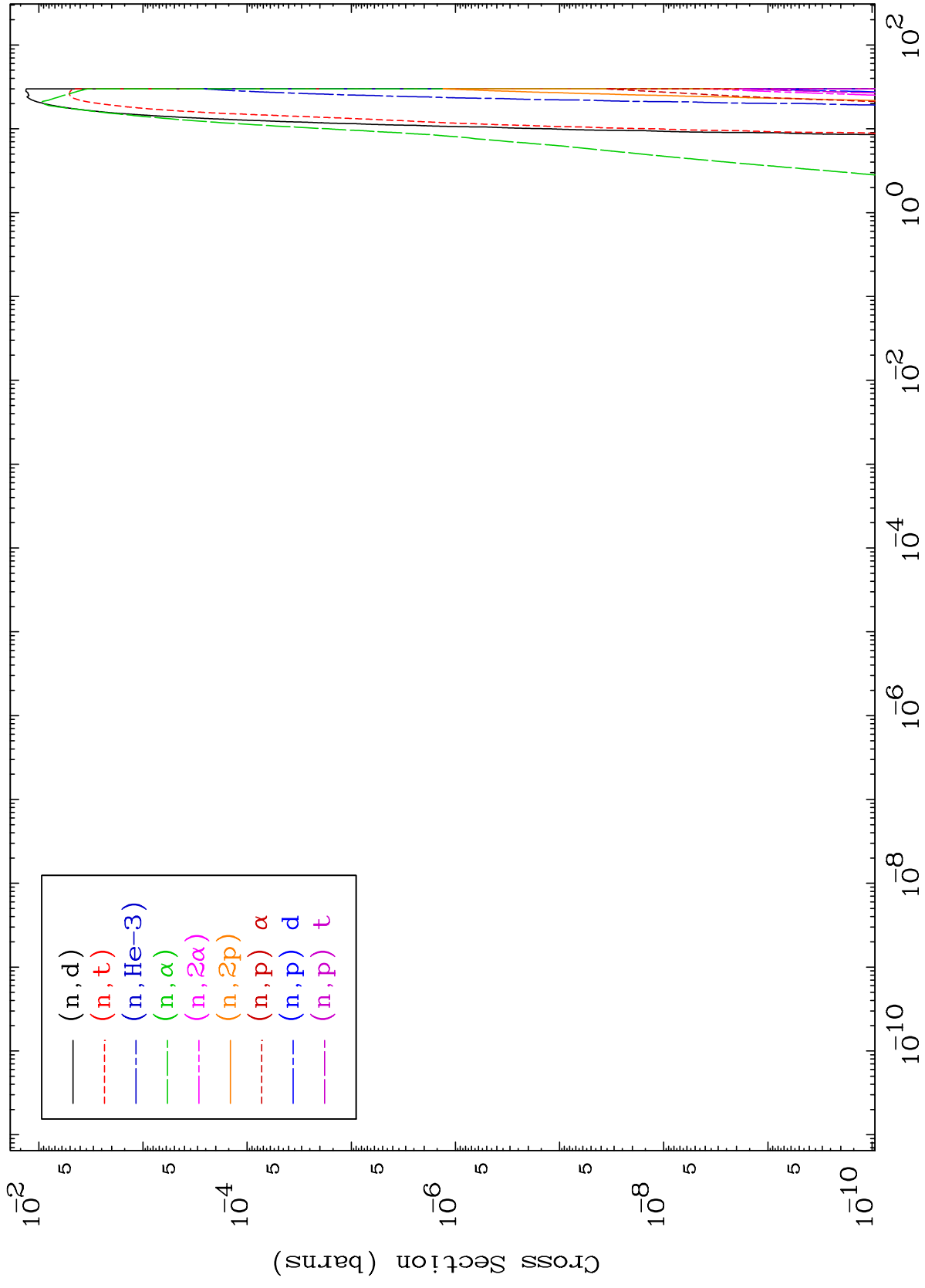


49-In-118

MAT 4940

Charged Particle
293 Kelvin Cross Sections

49-In-118



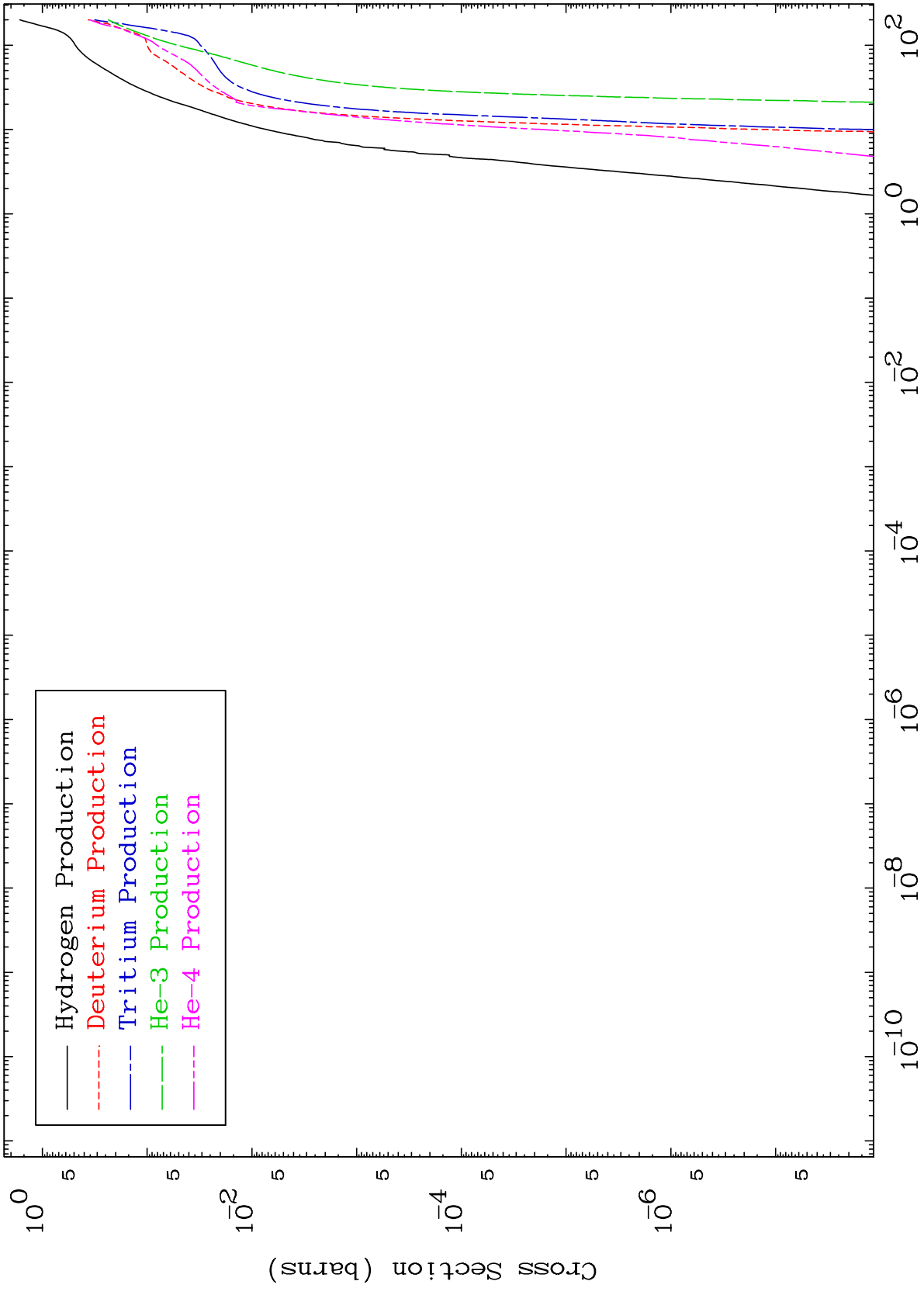
5

49-In-118

MAT 4940

Particle Production
293 Kelvin Cross Sections

49-In-118



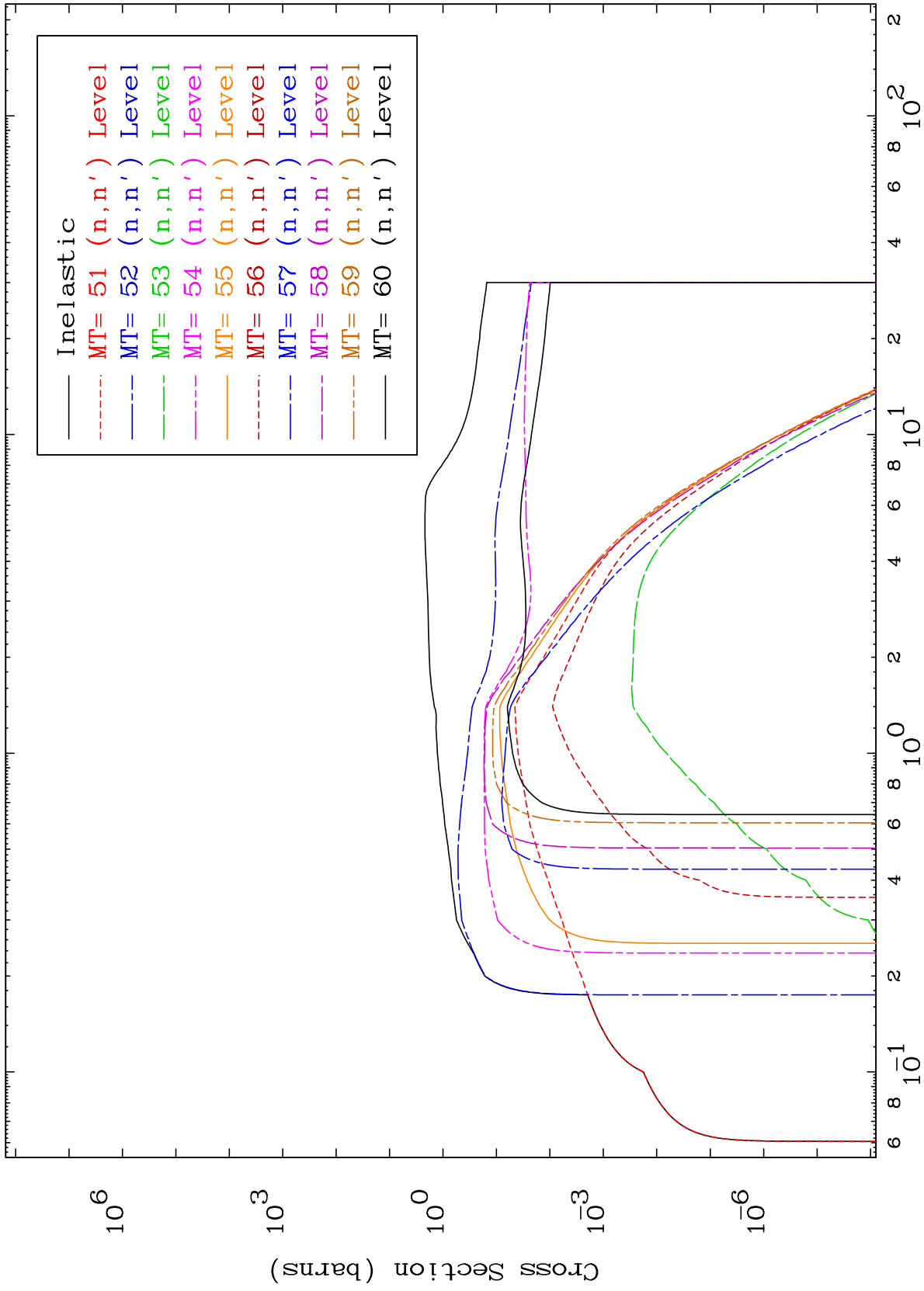
49-In-118

MAT 4940

(n,n') Level

49-In-118

293 Kelvin Cross Sections



7

Incident Energy (MeV)

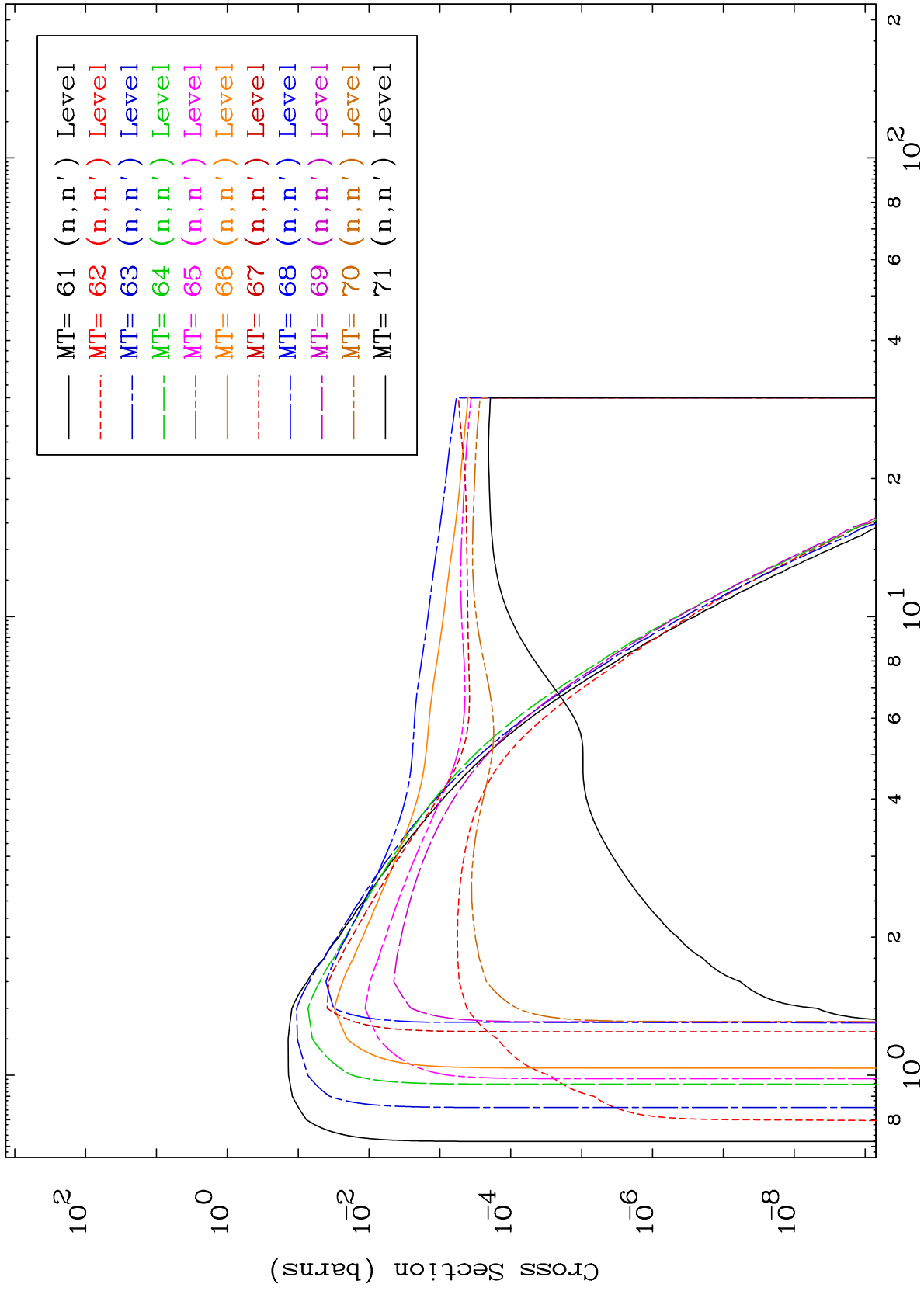
49-In-118

MAT 4940

(n,n') Level

49-In-118

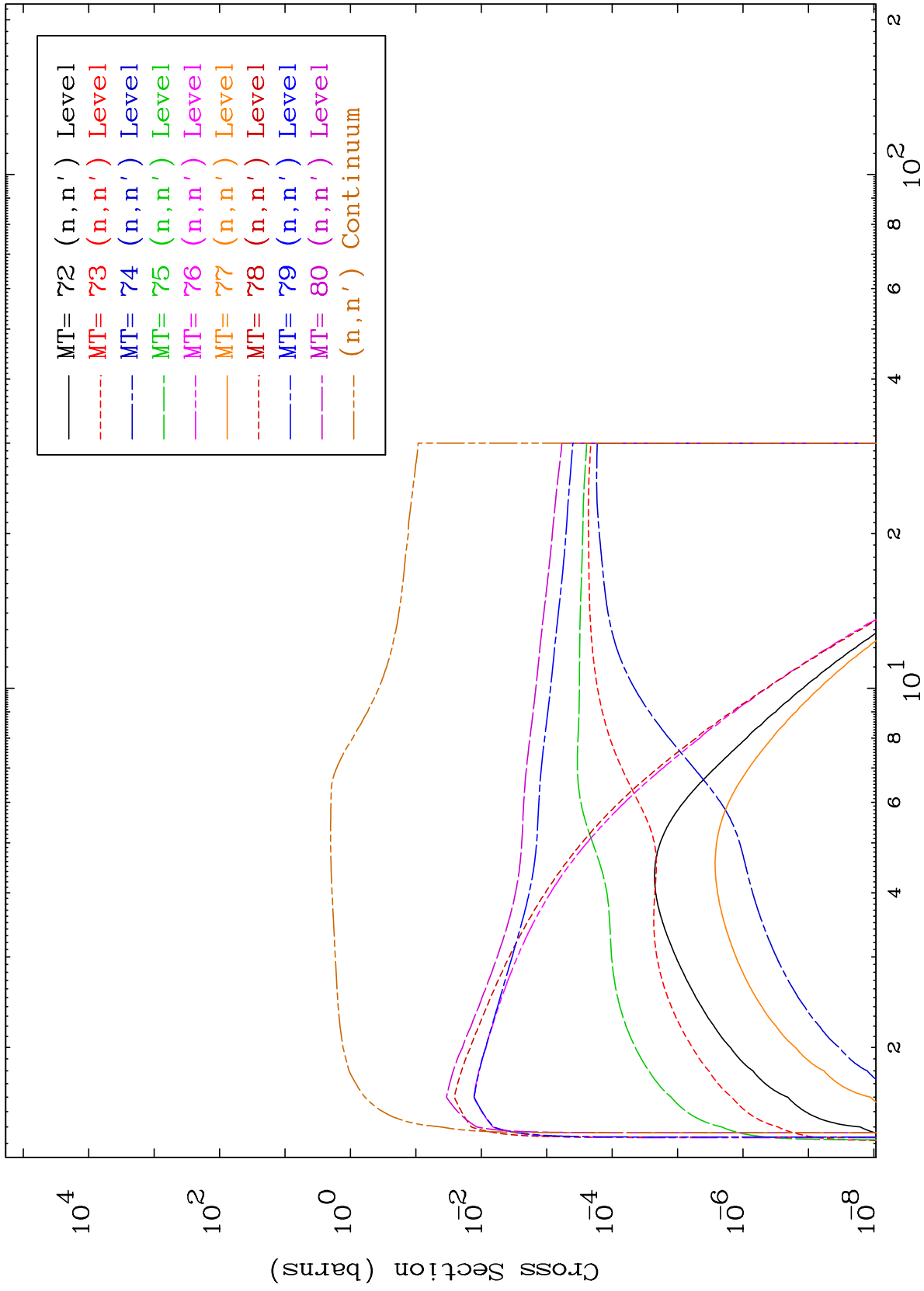
293 Kelvin Cross Sections



8

Incident Energy (MeV)

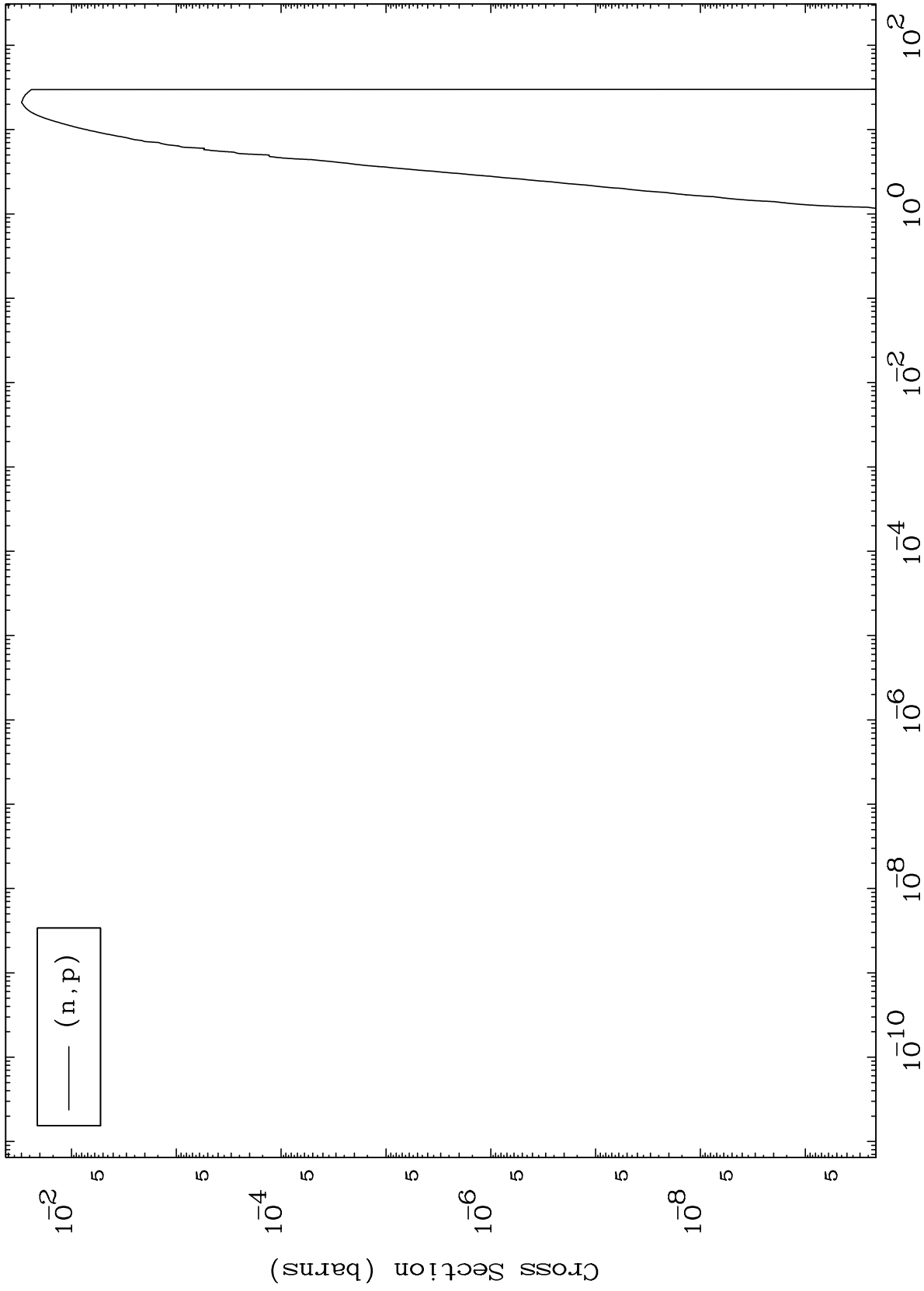
49-In-118



MAT 4940

(n,p) Levels
293 Kelvin Cross Sections

49-In-118



10

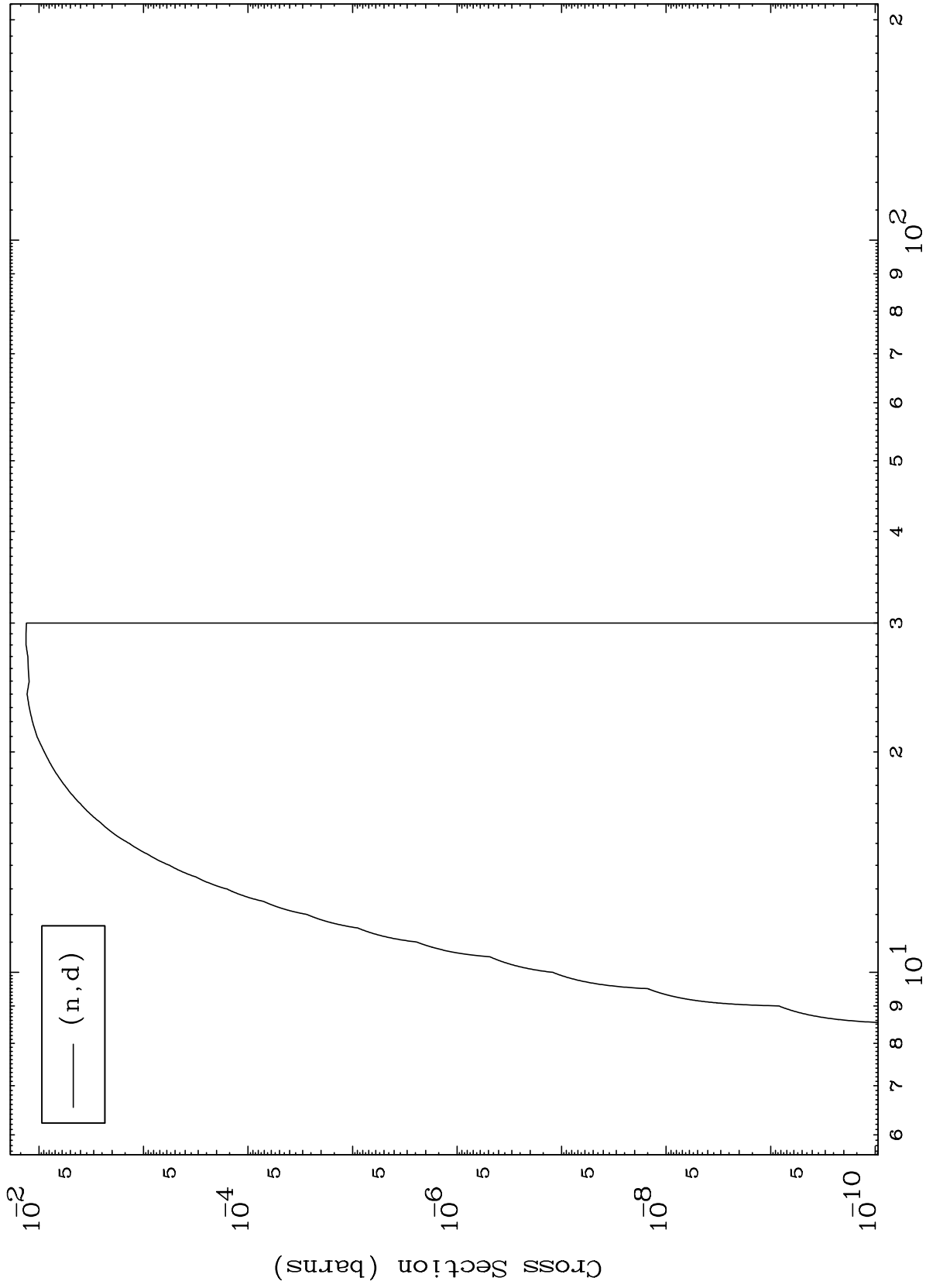
Incident Energy (MeV)

49-In-118

MAT 4940

(n,d) Levels
293 Kelvin Cross Sections

49-In-118



(n,d)

11

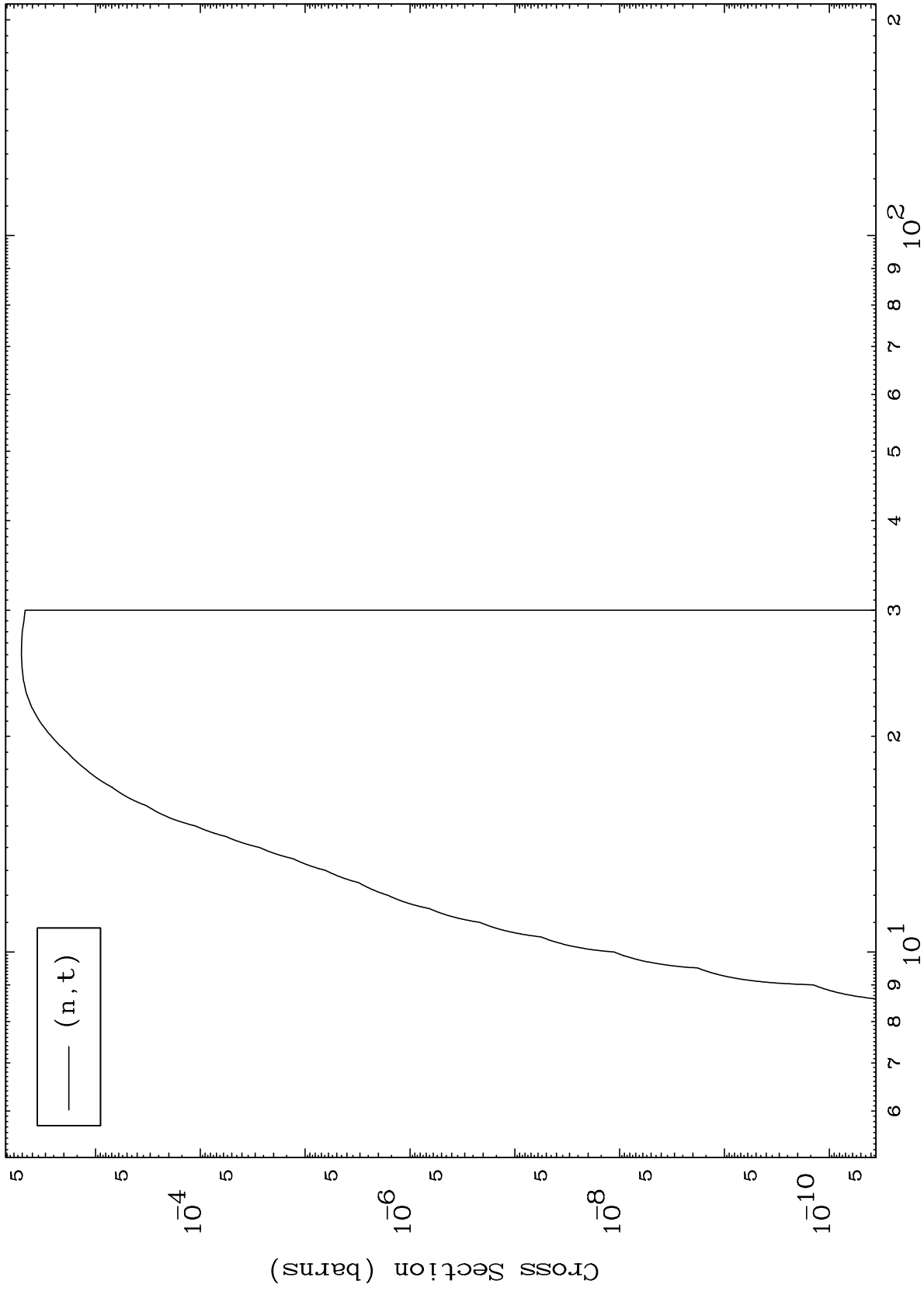
Incident Energy (MeV)

49-In-118

MAT 4940

(n,t) Levels
293 Kelvin Cross Sections

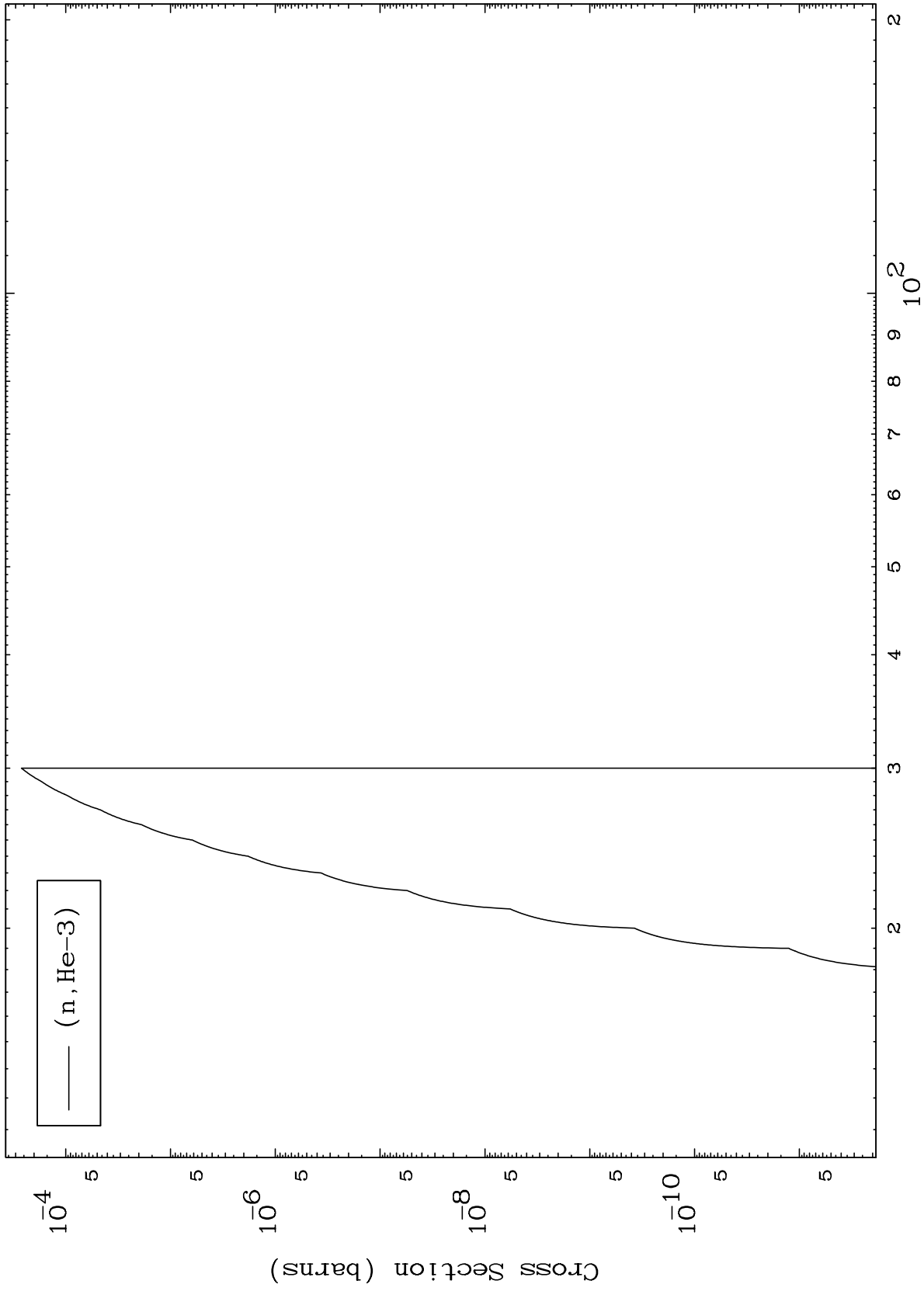
49-In-118



12

Incident Energy (MeV)

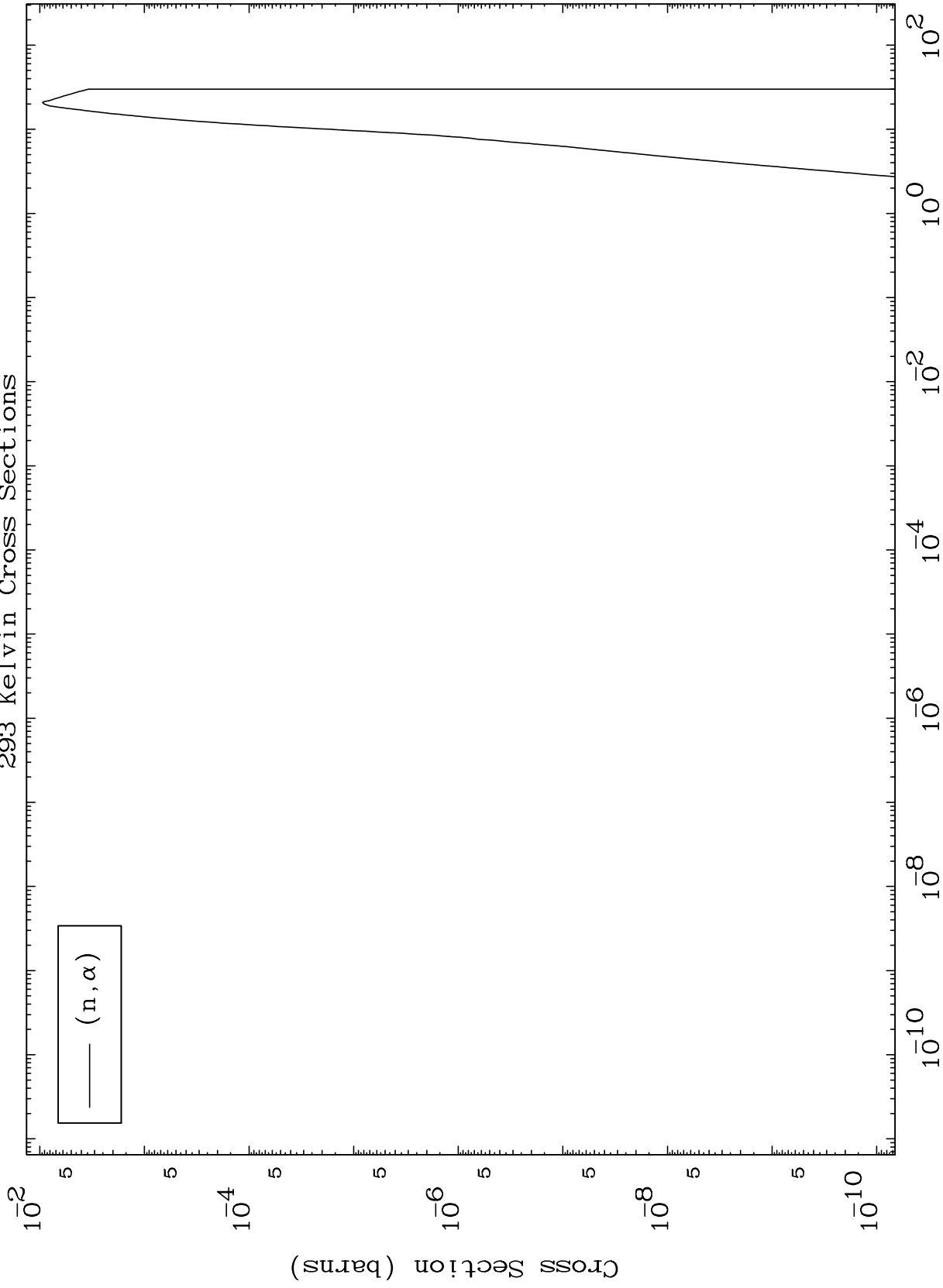
49-In-118



MAT 4940

(n, α) Levels
293 Kelvin Cross Sections

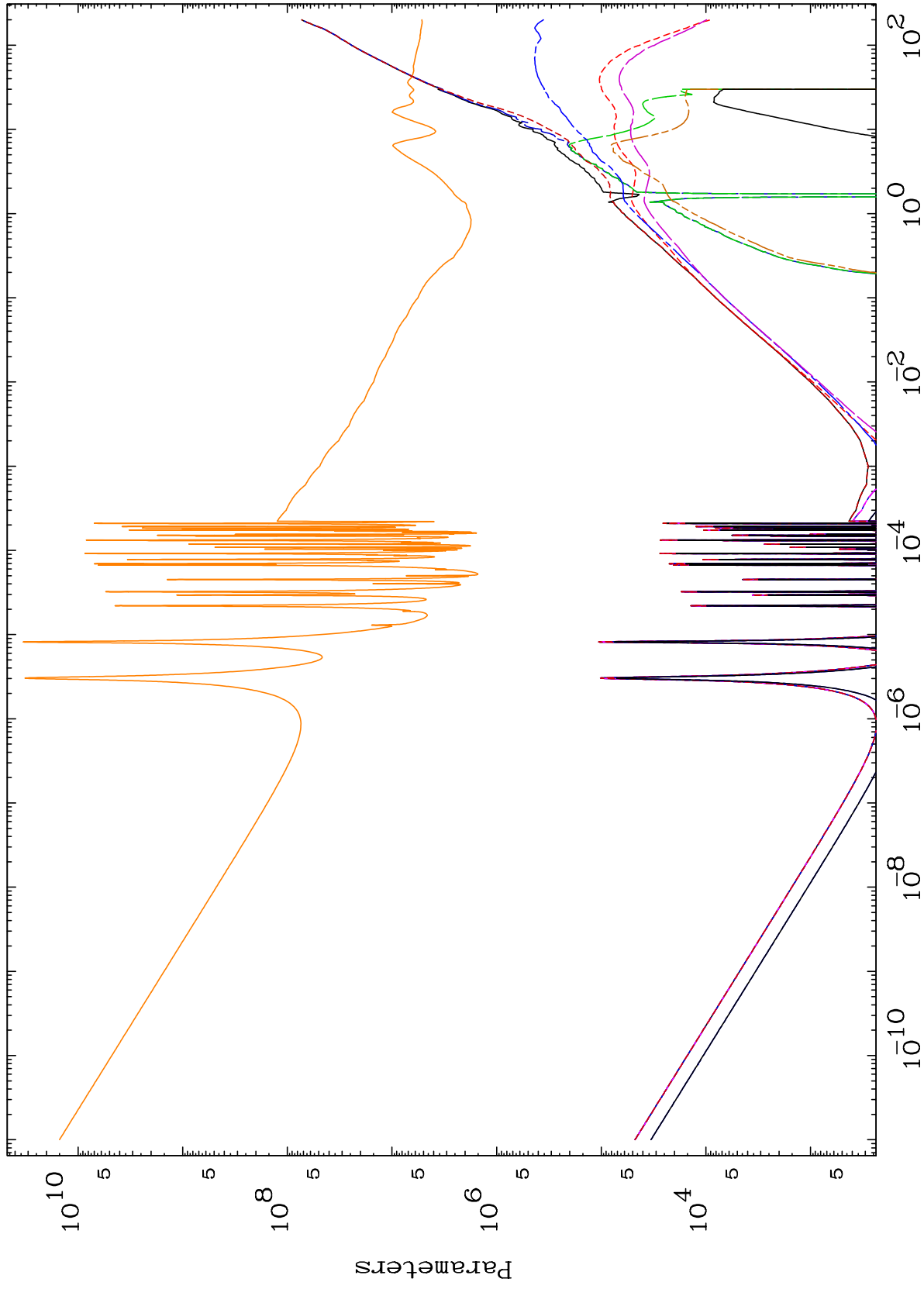
49-In-118



MAT 4940

Energy Release
Parameters

49-In-118



15

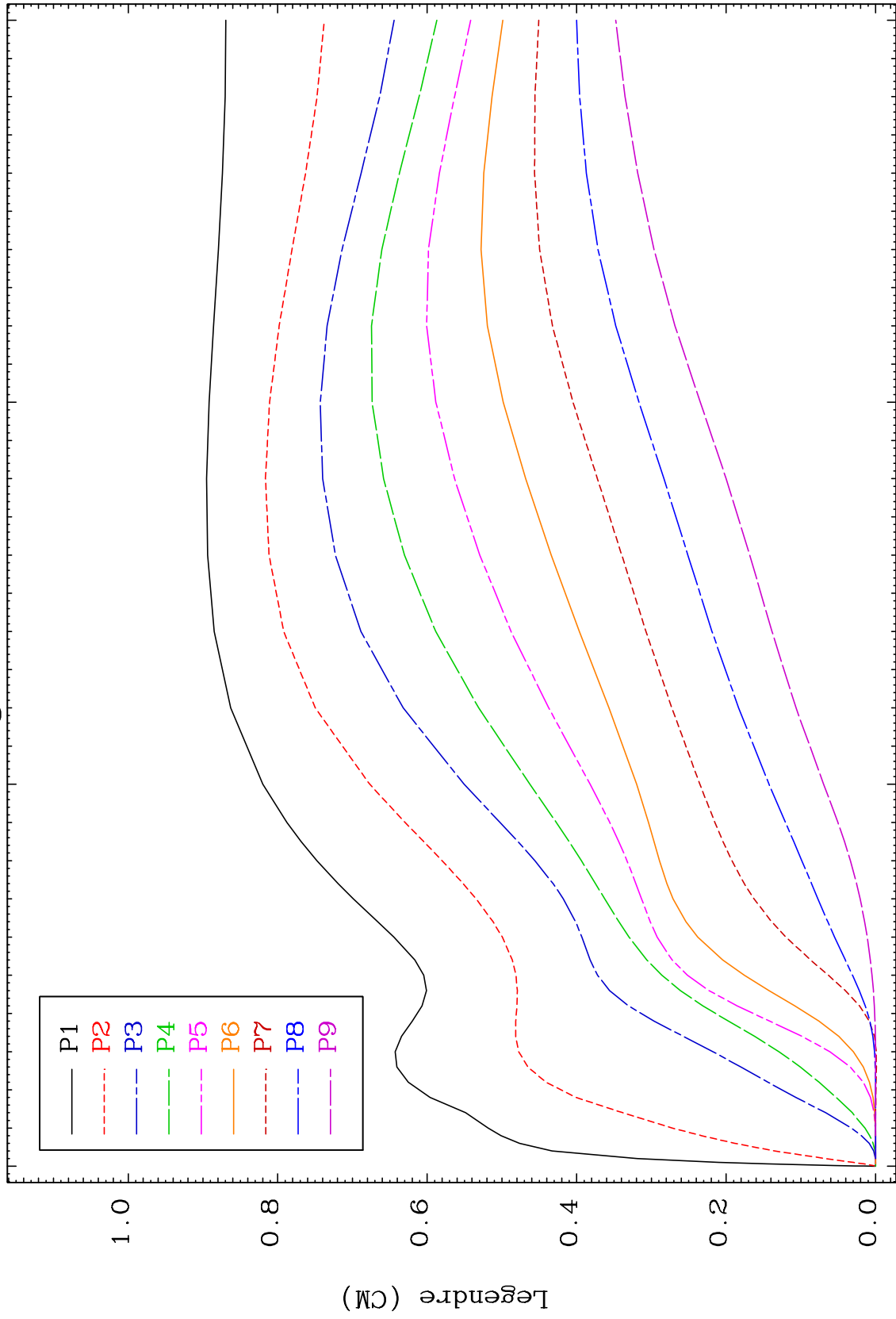
Incident Energy (MeV)

49-In-118

MAT 4940

Elastic Legendre Coefficients

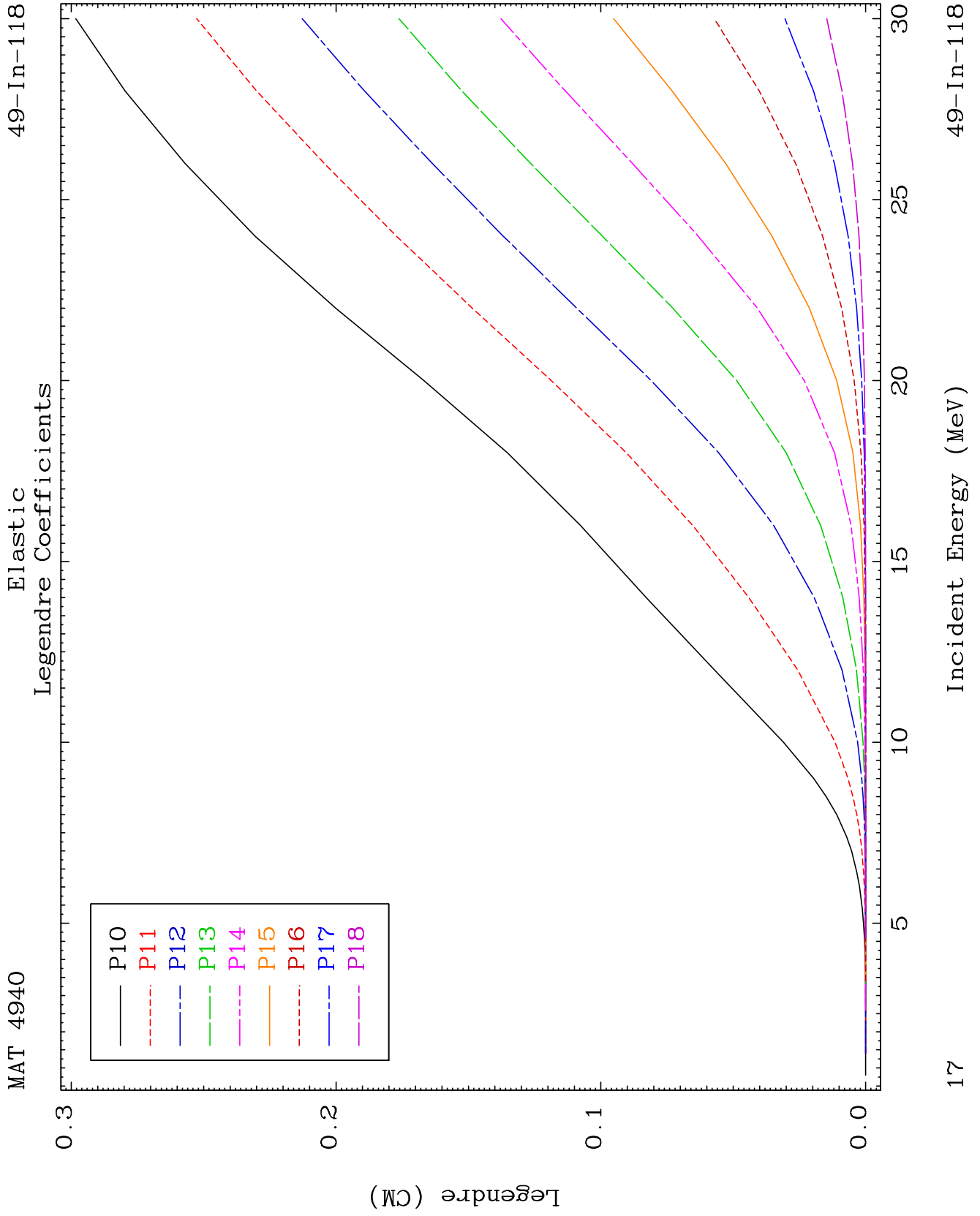
49-In-118



16

Incident Energy (MeV)

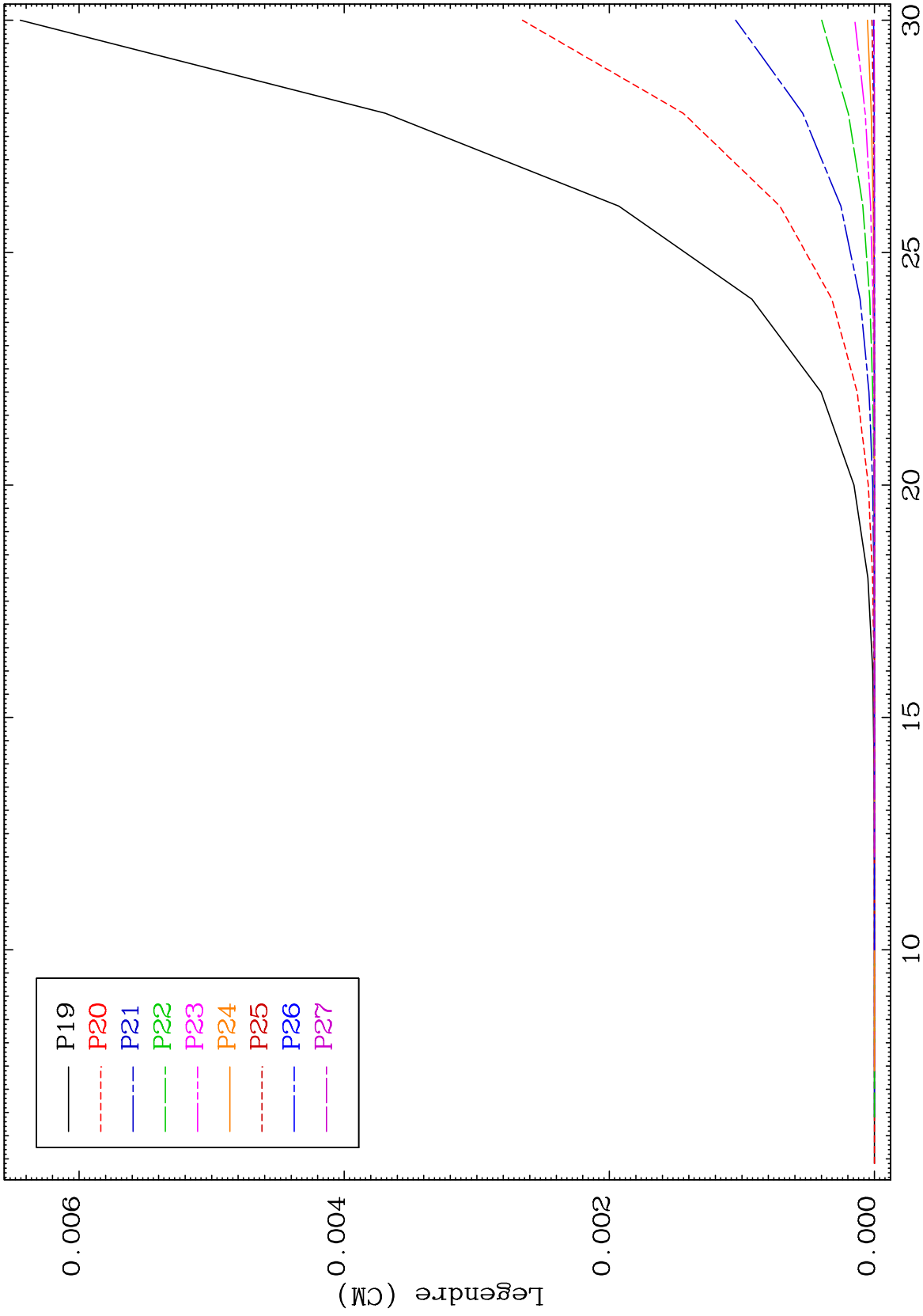
49-In-118



MAT 4940

Elastic Legendre Coefficients

49-In-118



18

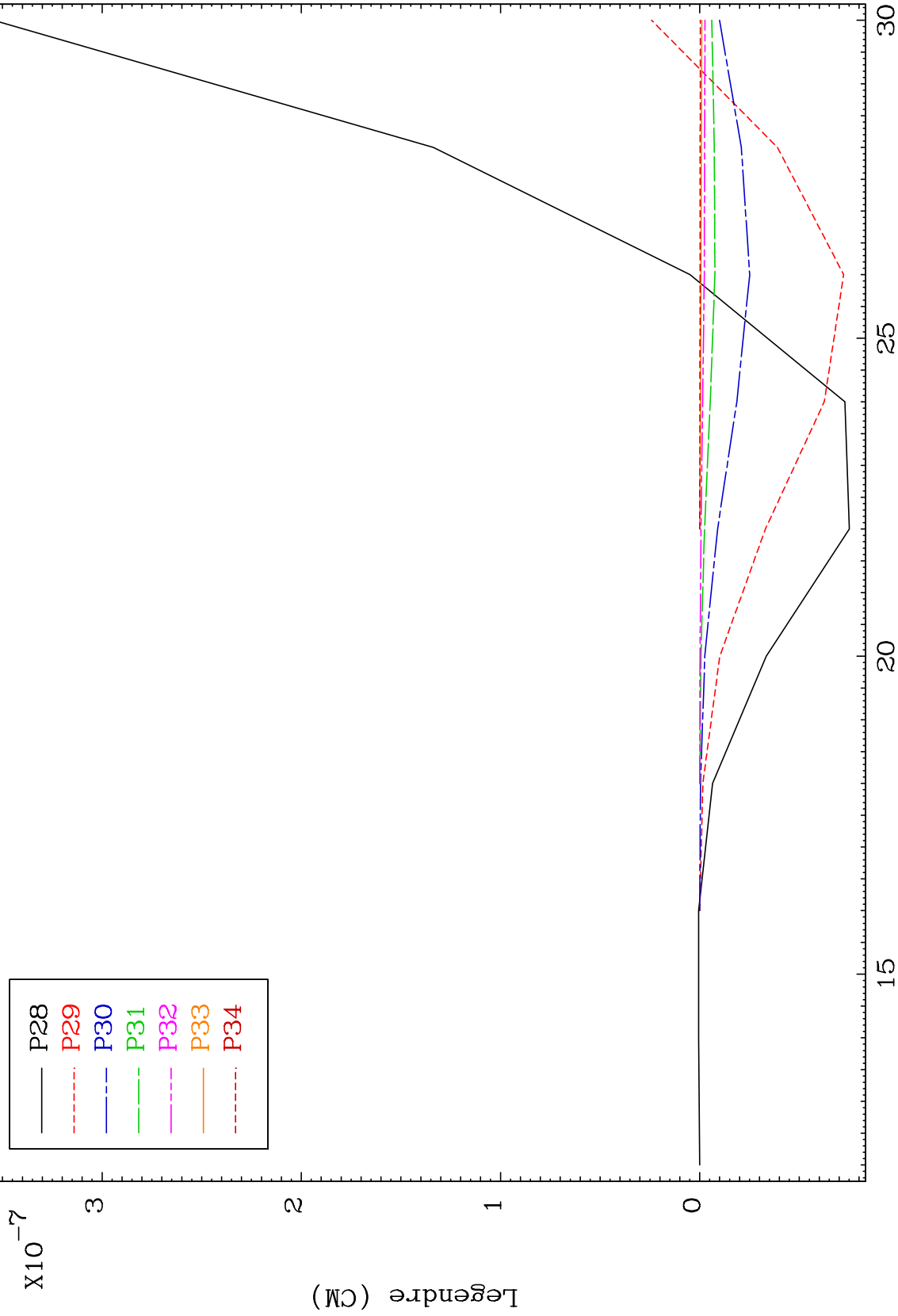
Incident Energy (MeV)

49-In-118

MAT 4940

Elastic Legendre Coefficients

49-In-118

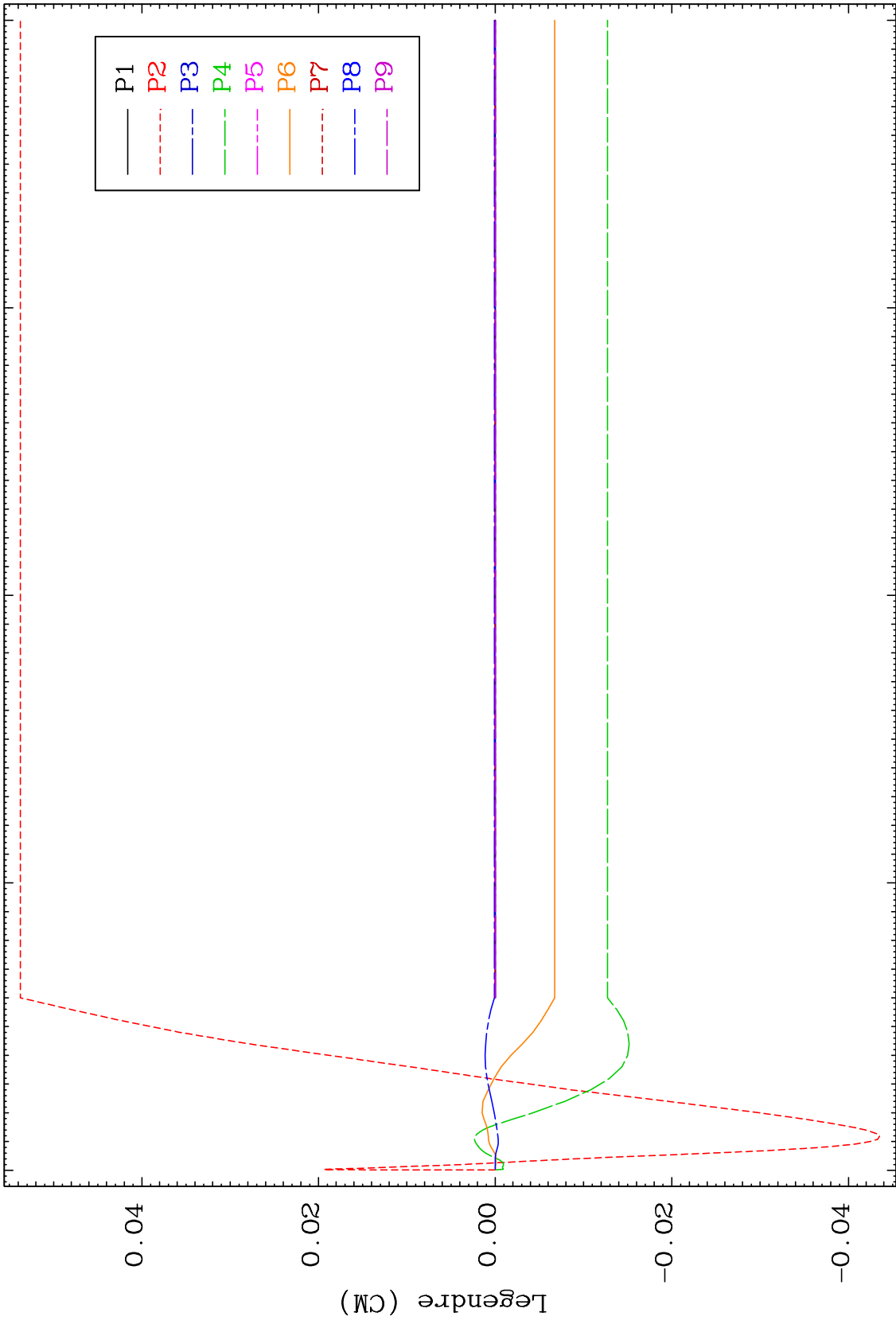


19

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 51 (n,n') Level Legendre Coefficients 49-In-118

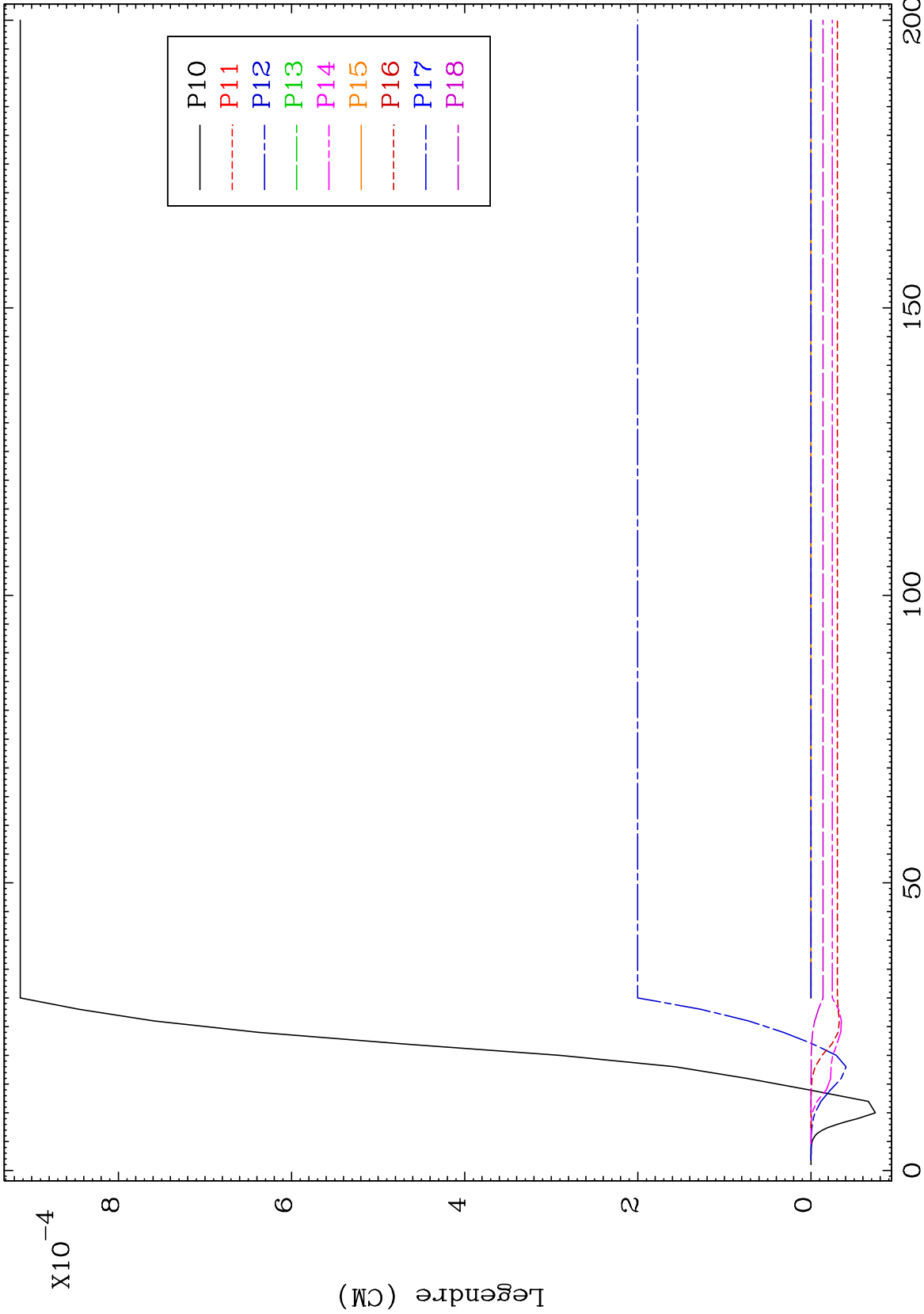


49-In-118

MAT 4940

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

49-In-118



21

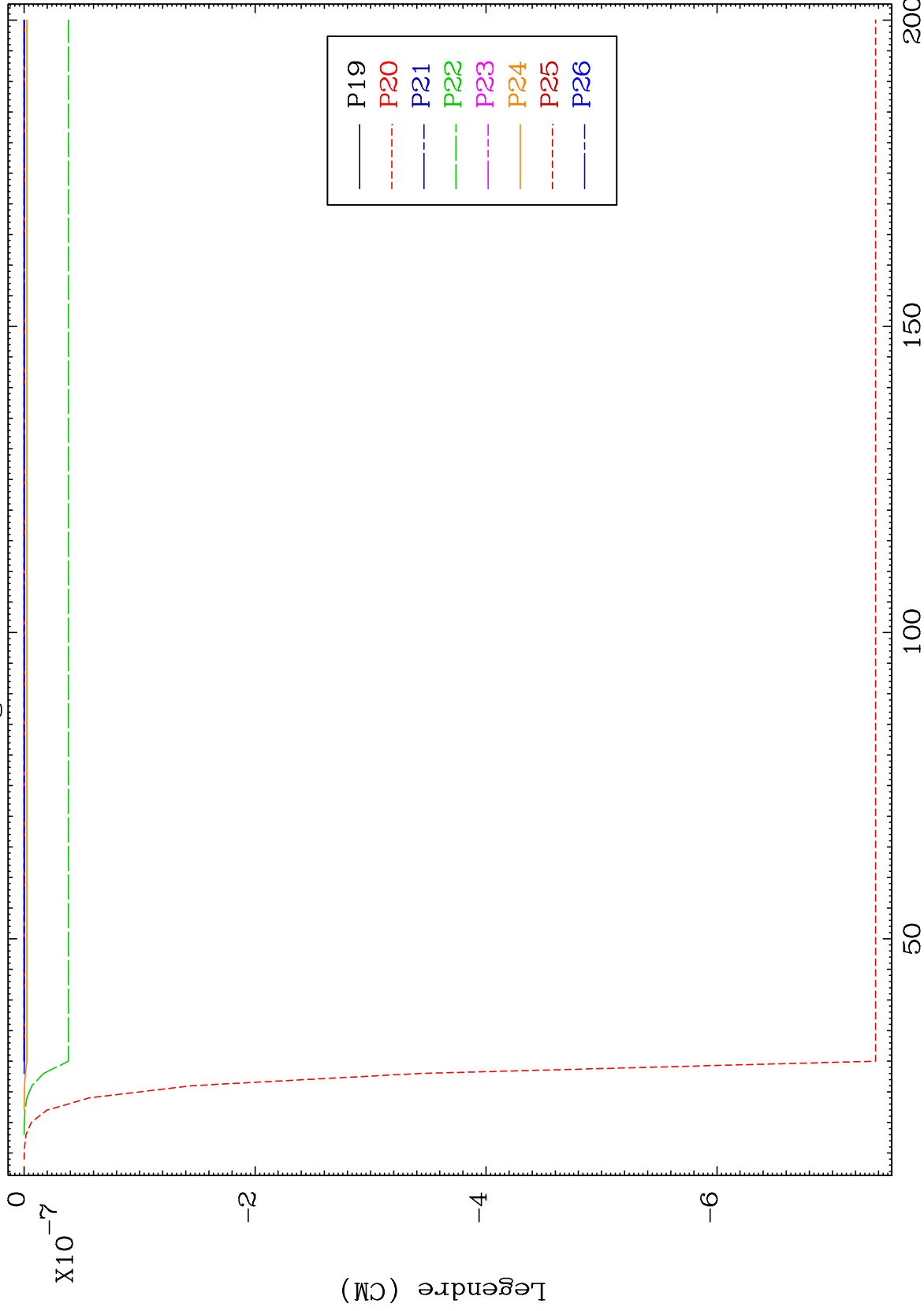
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



22

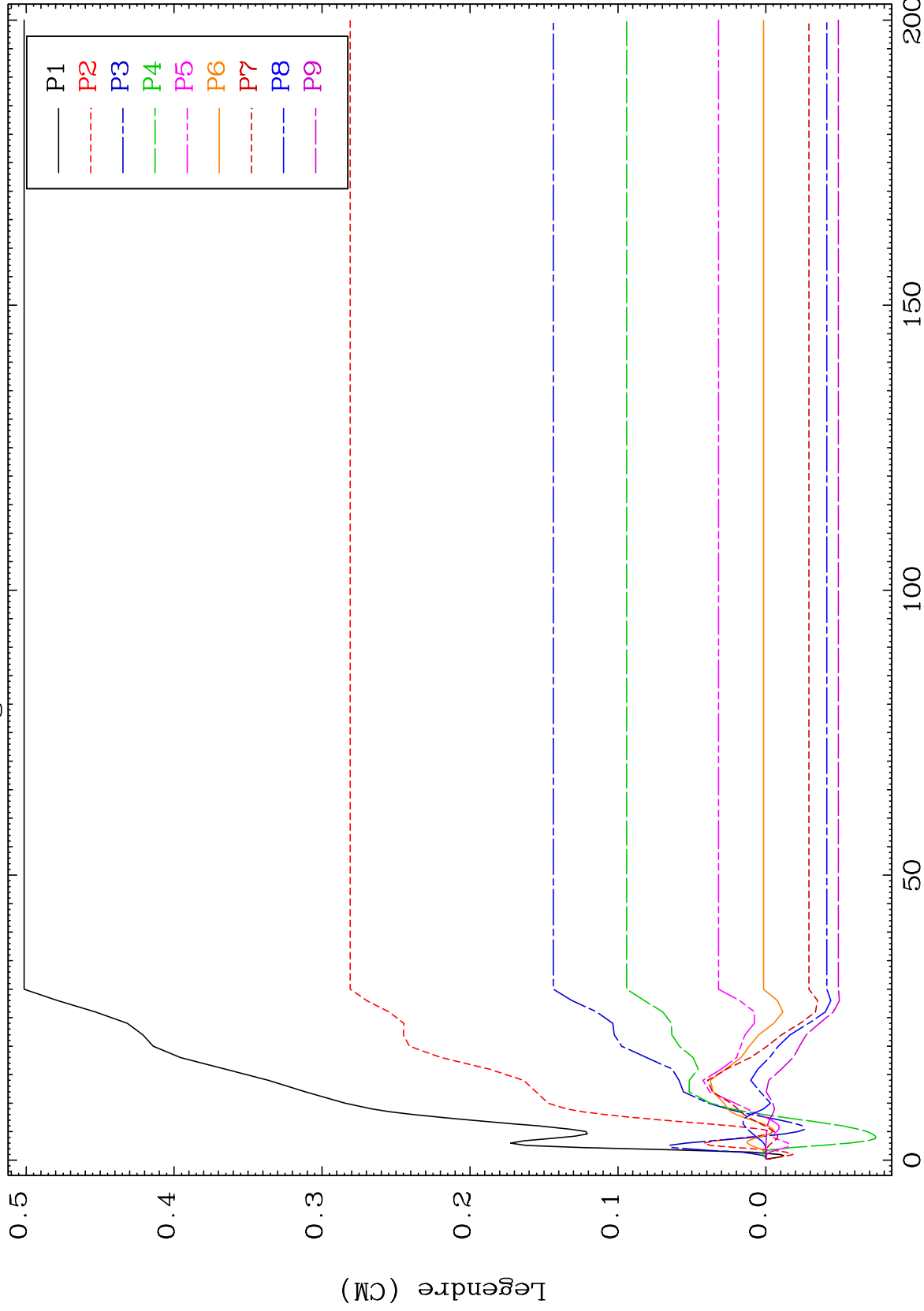
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



23

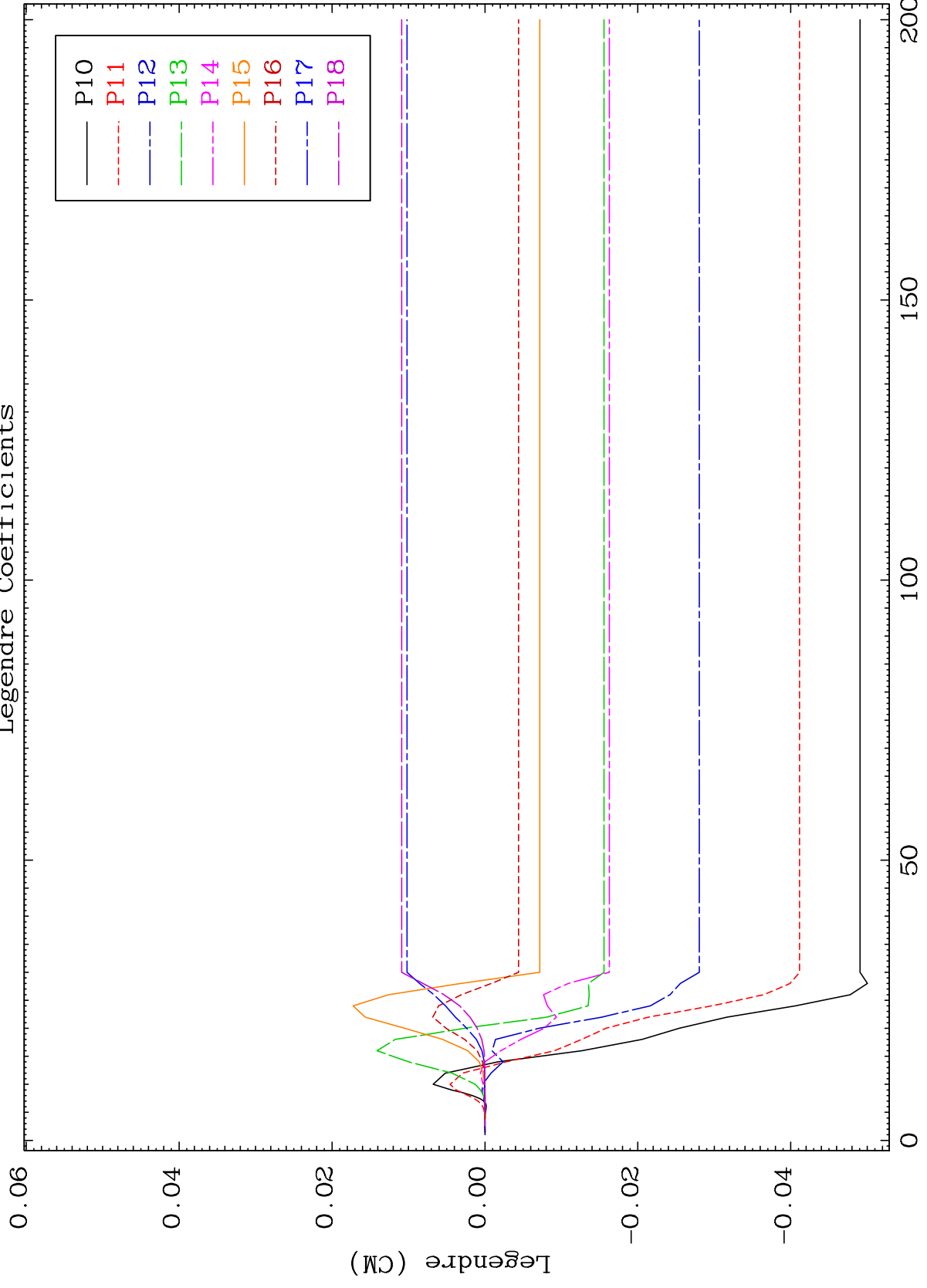
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



49-In-118

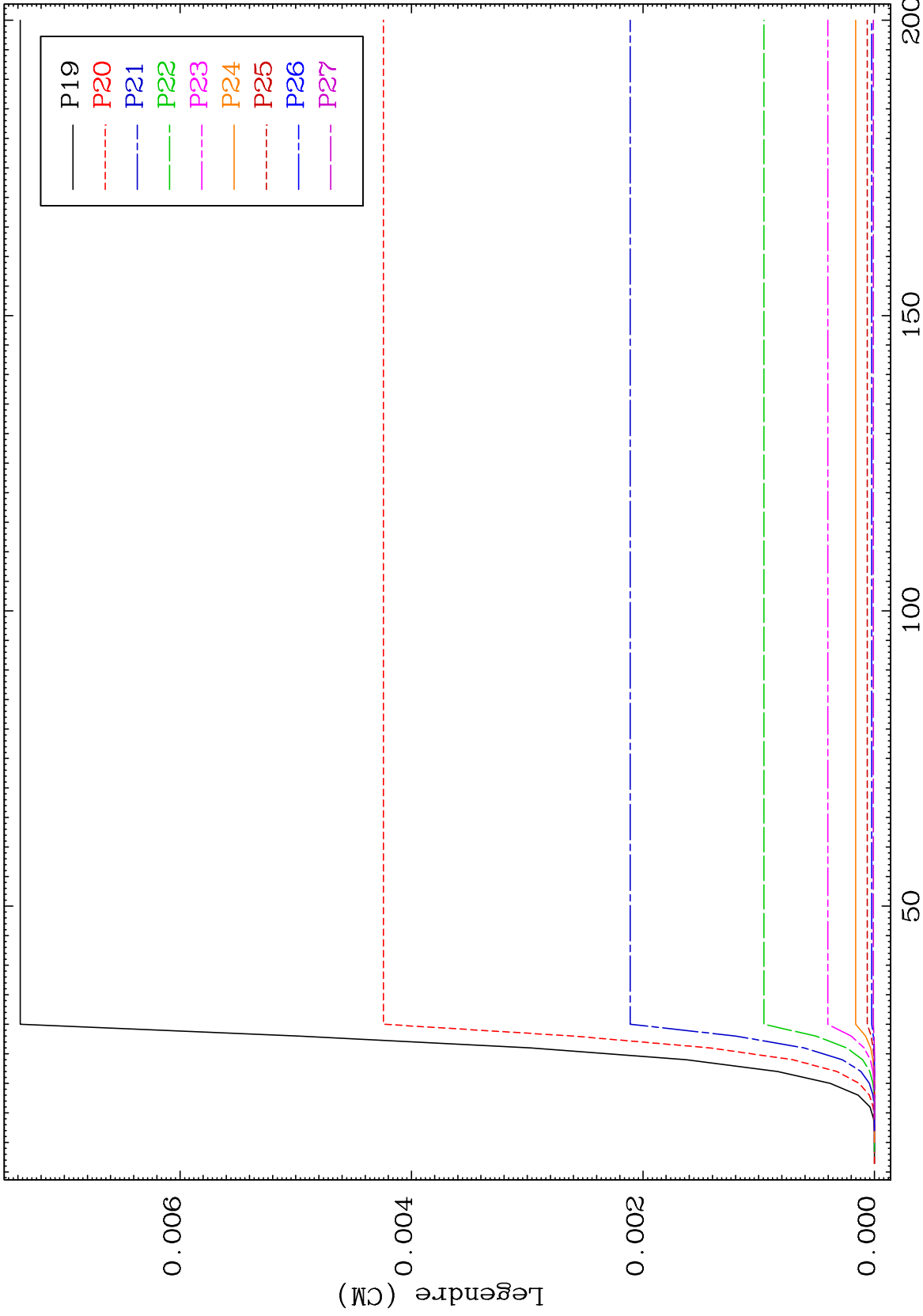
Incident Energy (MeV)

24

MAT 4940

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

49-In-118



25

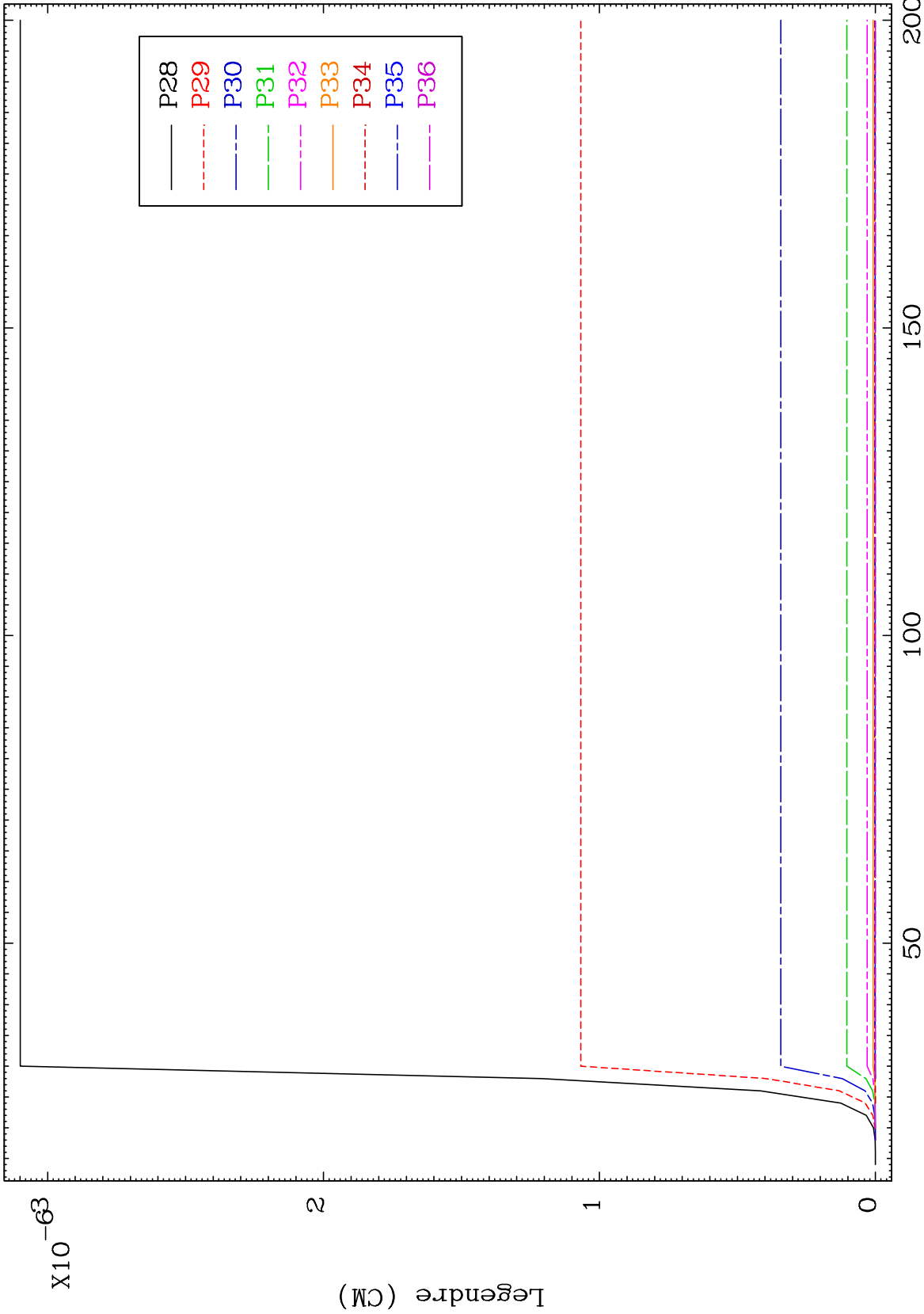
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



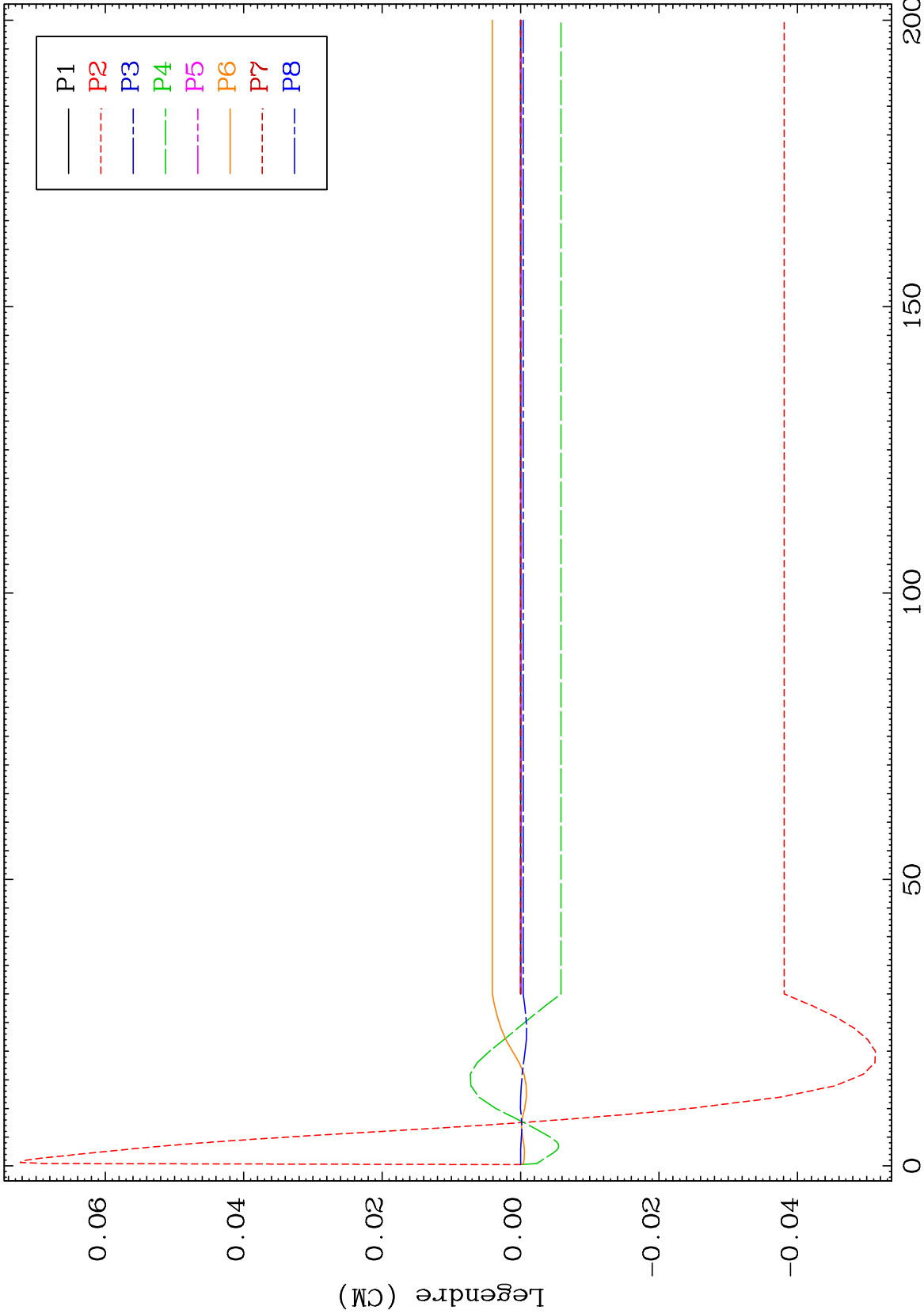
26

49-In-118

MAT 4940

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

49-In-118



27

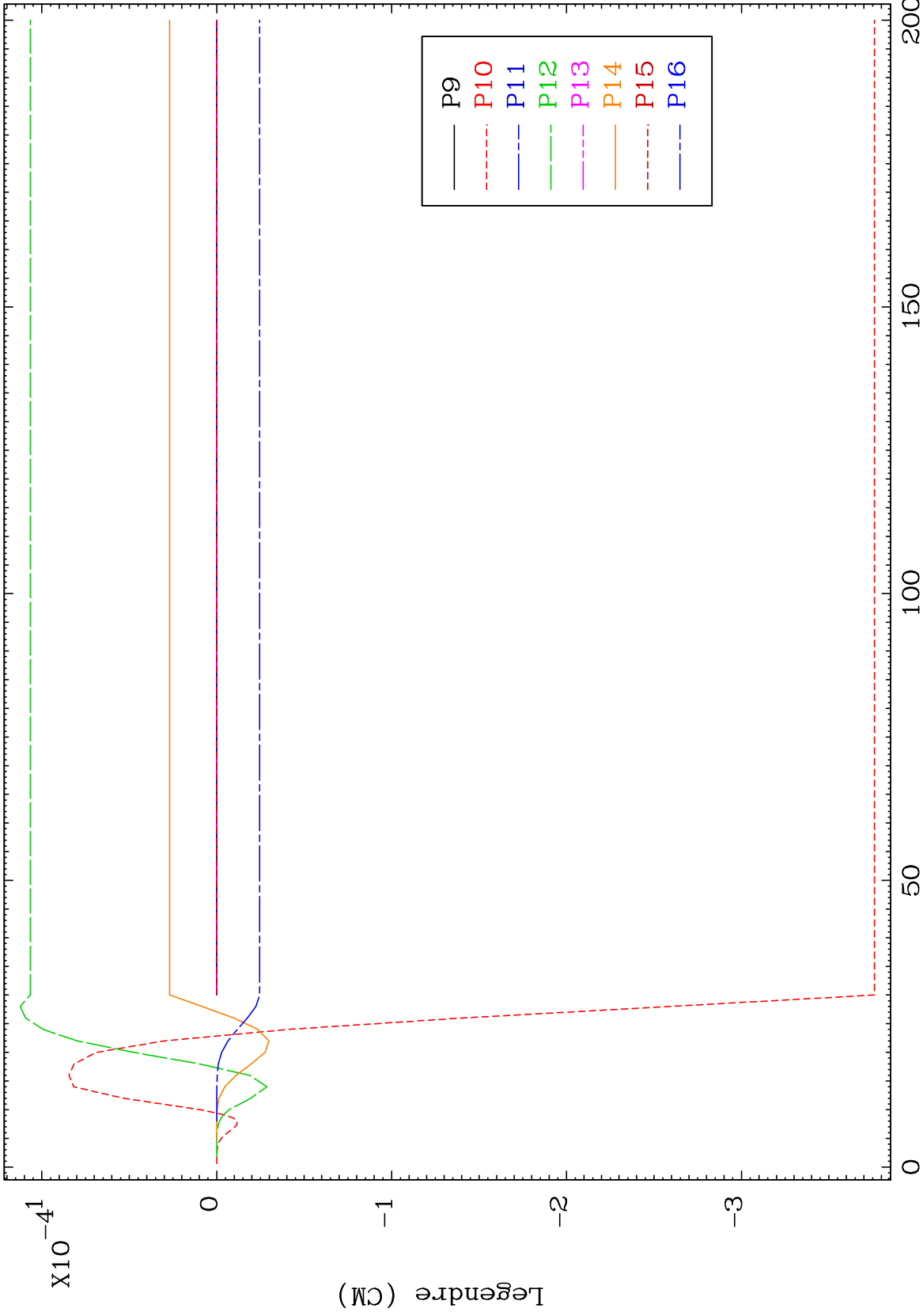
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



28

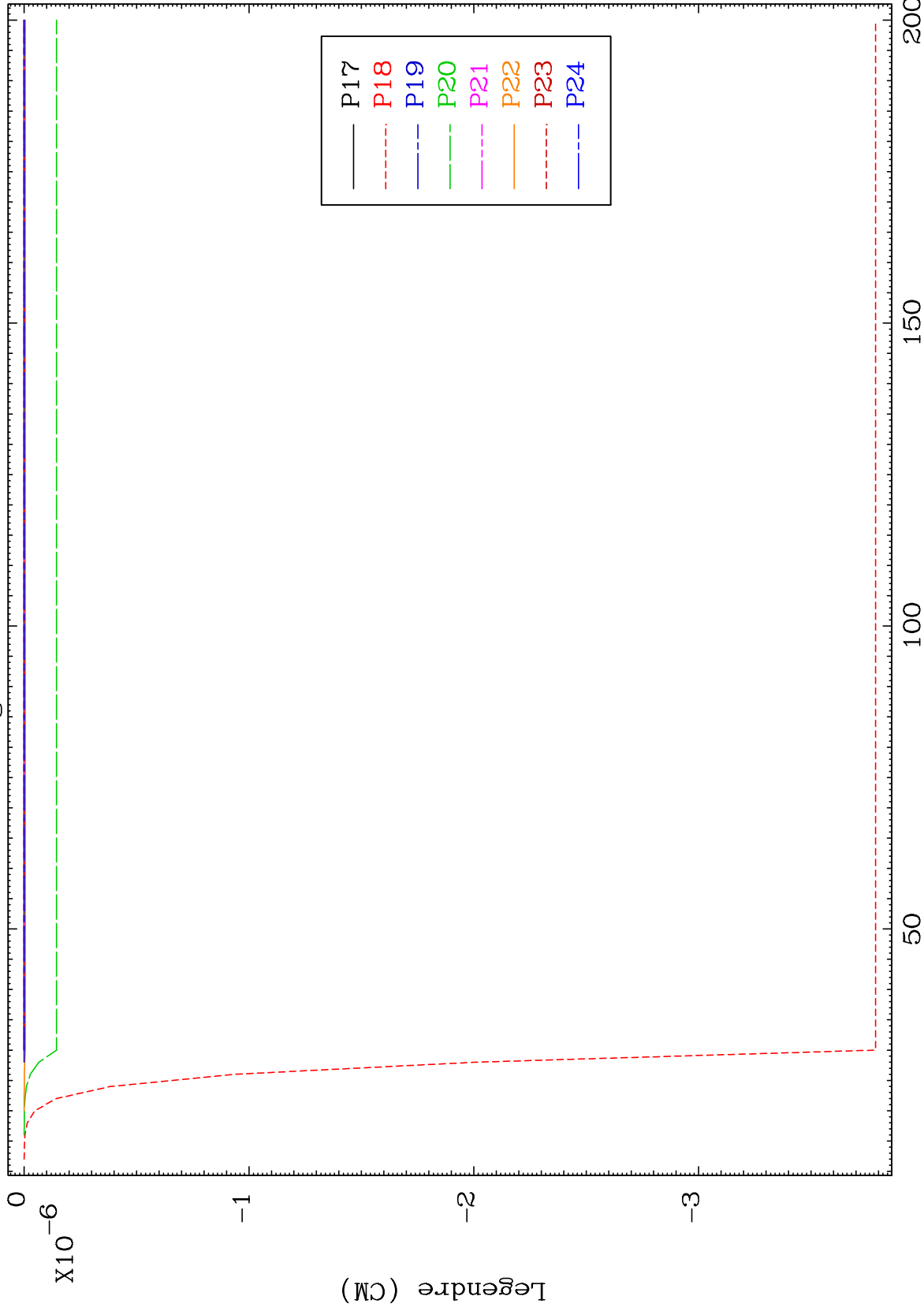
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



29

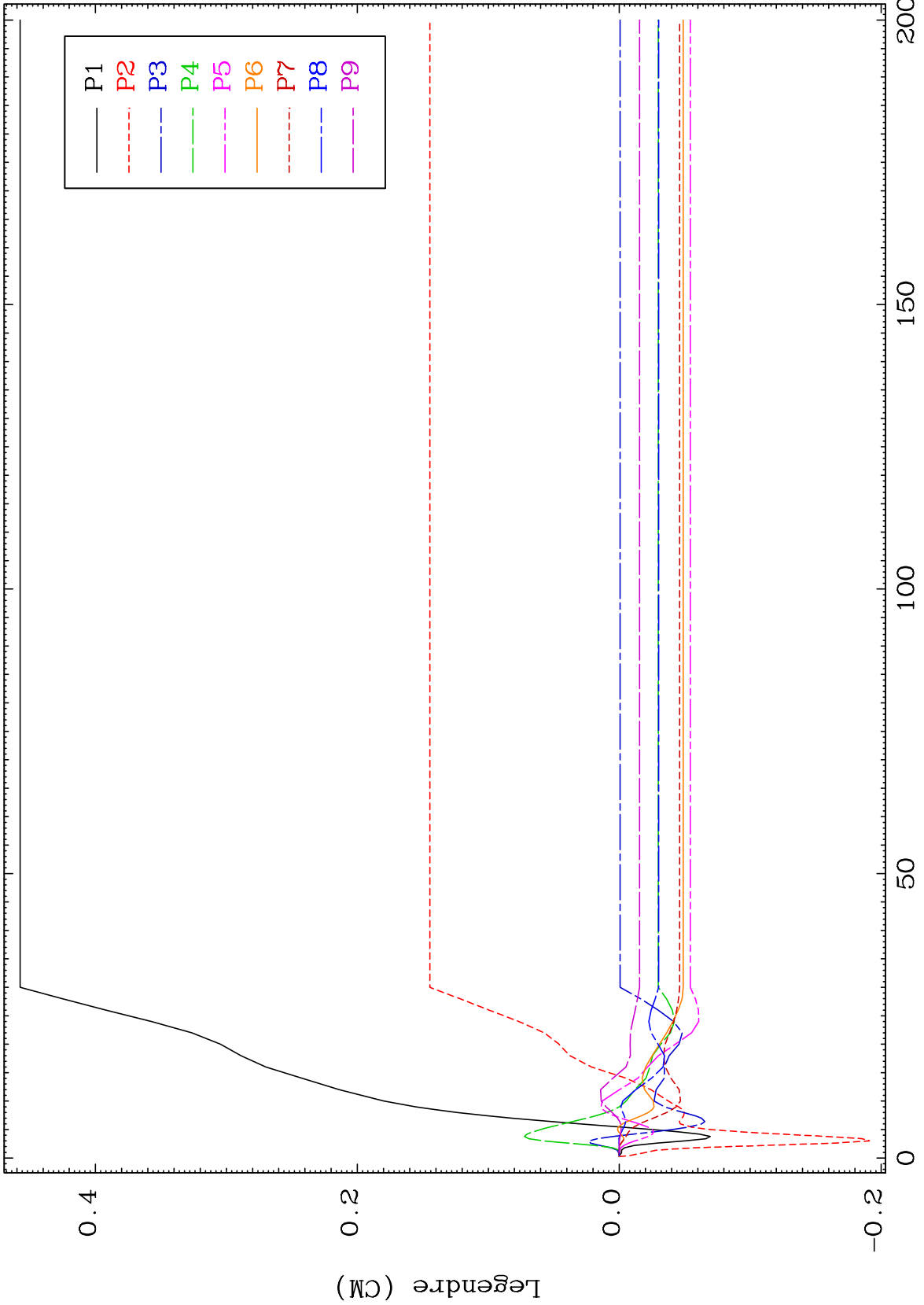
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



49-In-118

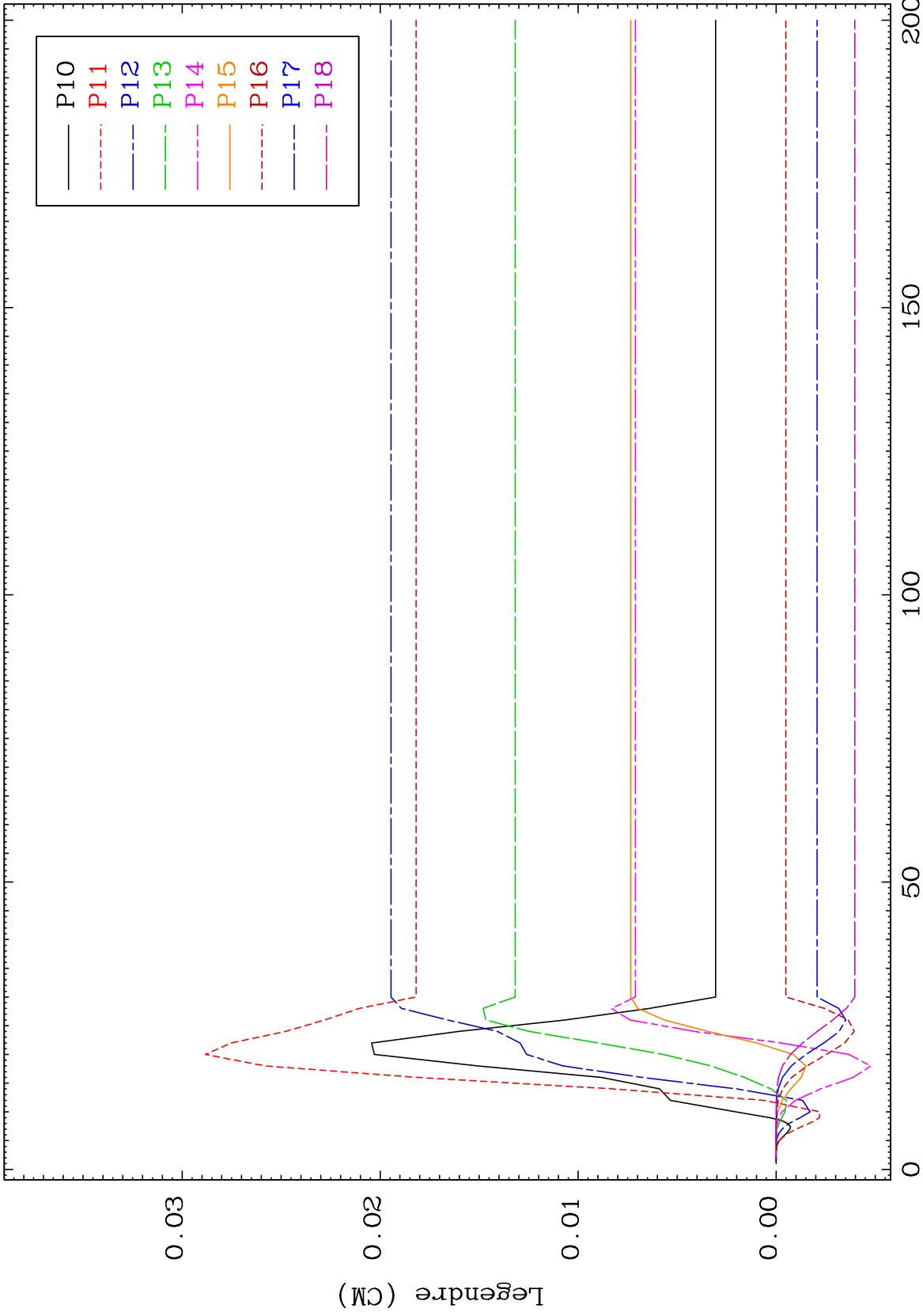
Incident Energy (MeV)

30

MAT 4940

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

49-In-118



31

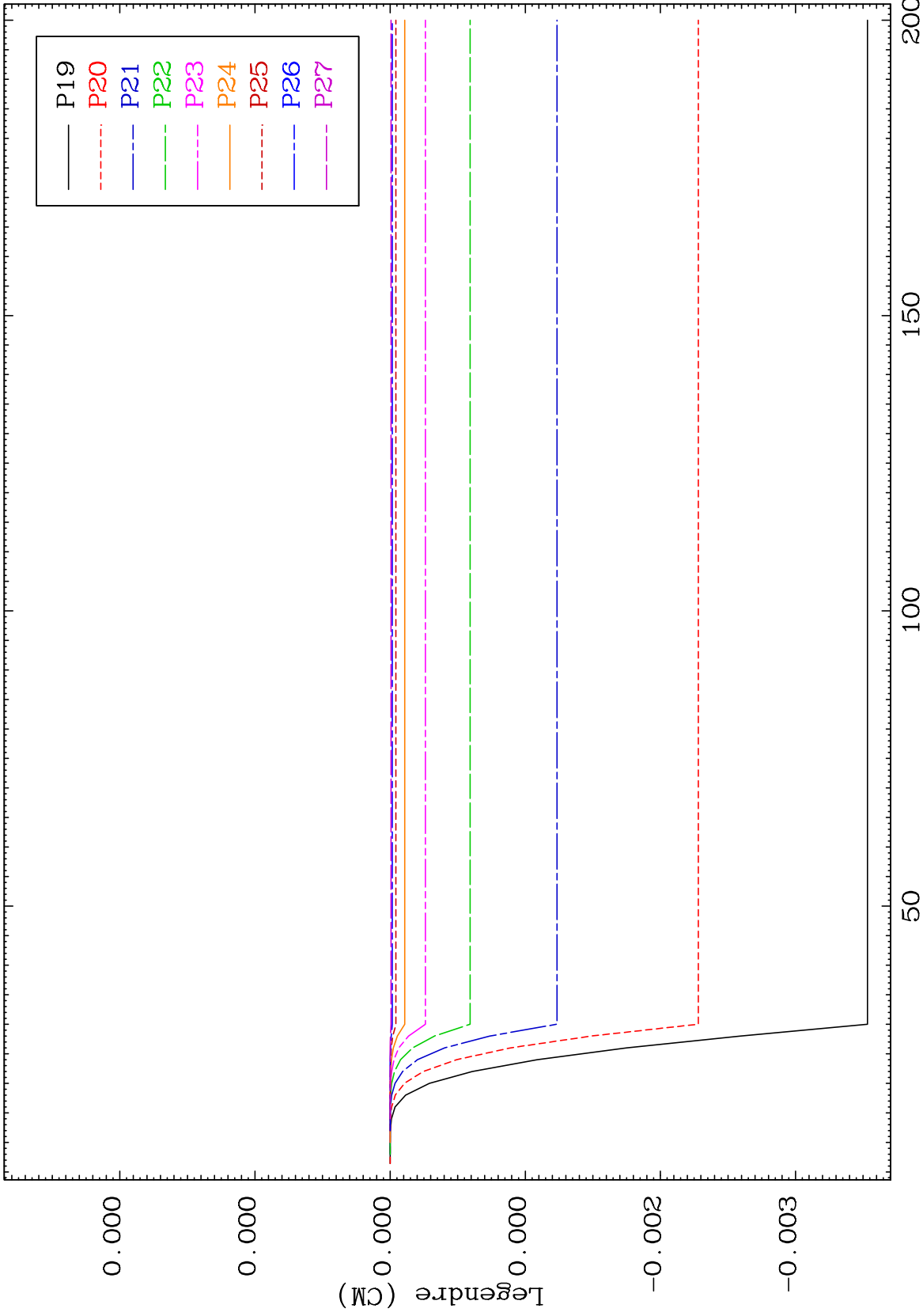
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



32

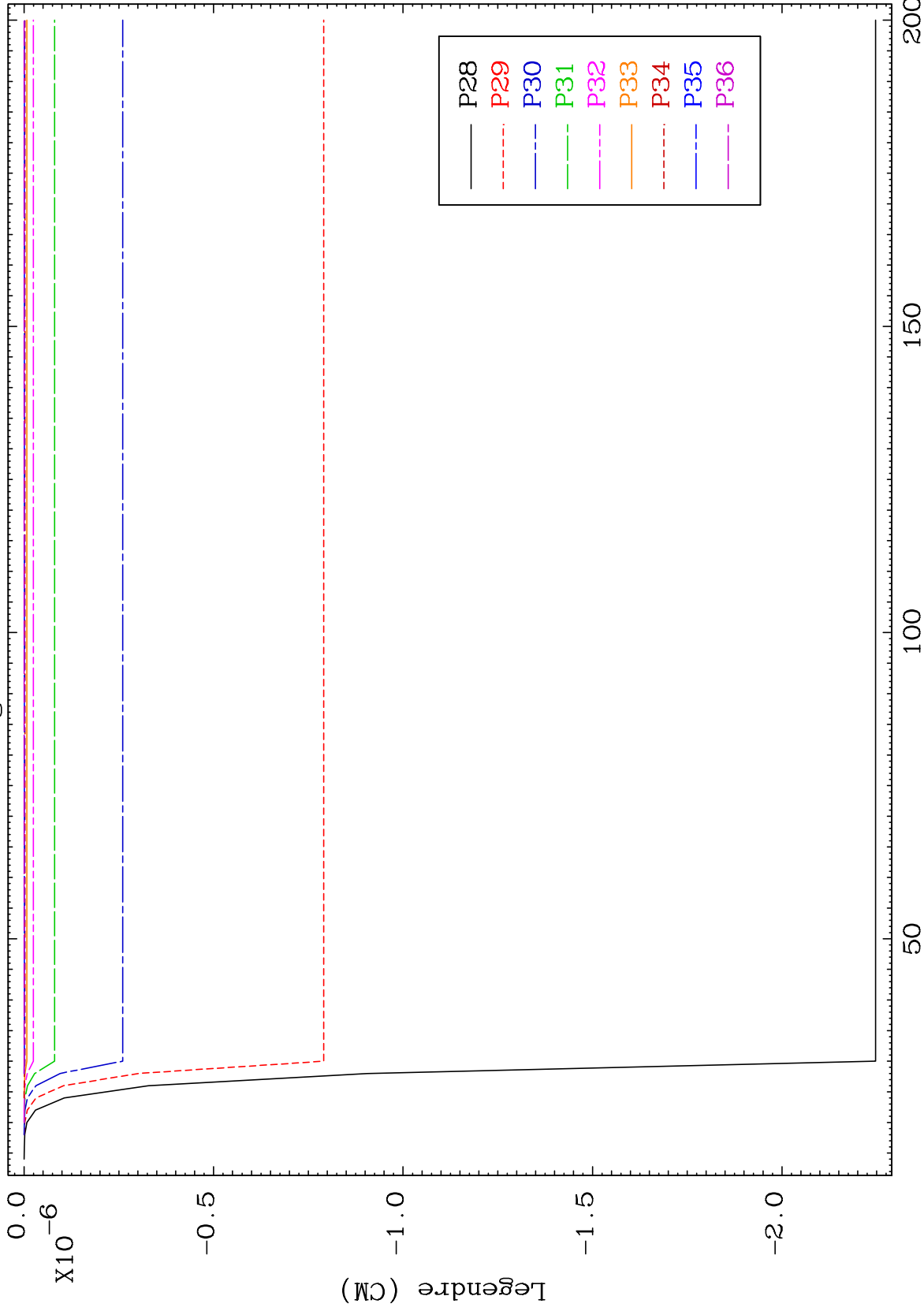
49-In-118

49-In-118

MAT 4940

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

49-In-118



49-In-118

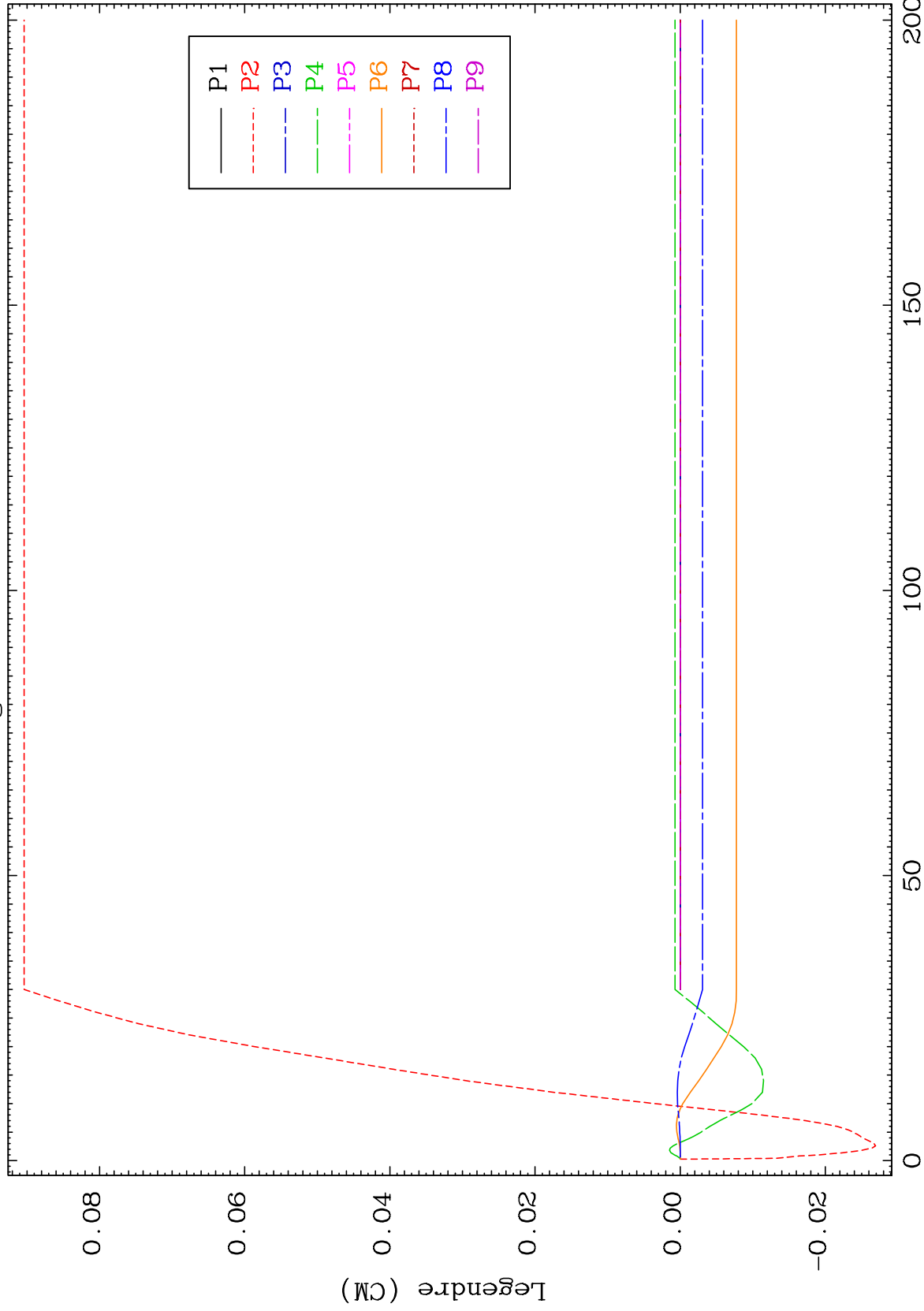
Incident Energy (MeV)

33

MAT 4940

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

49-In-118



34

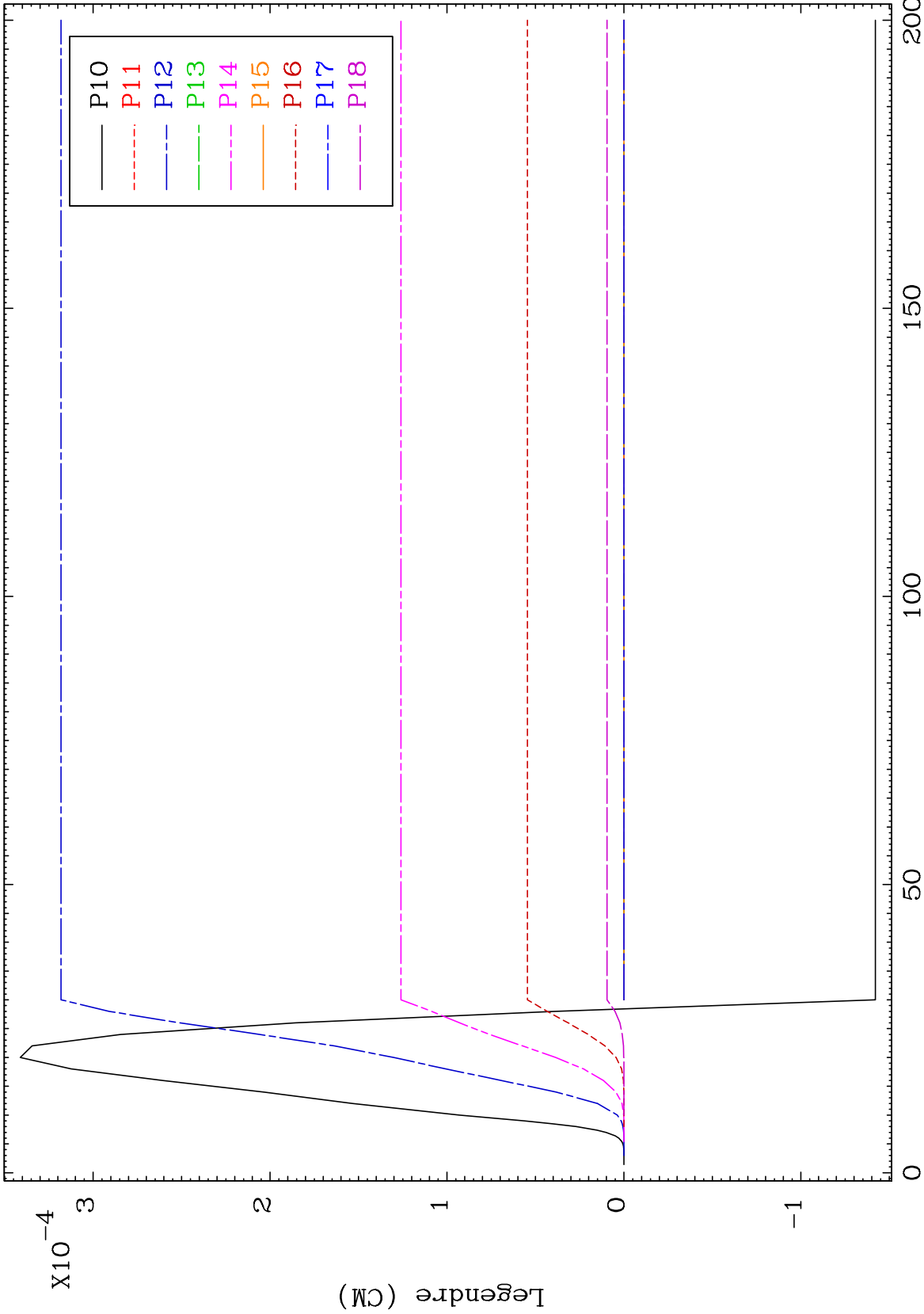
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



35

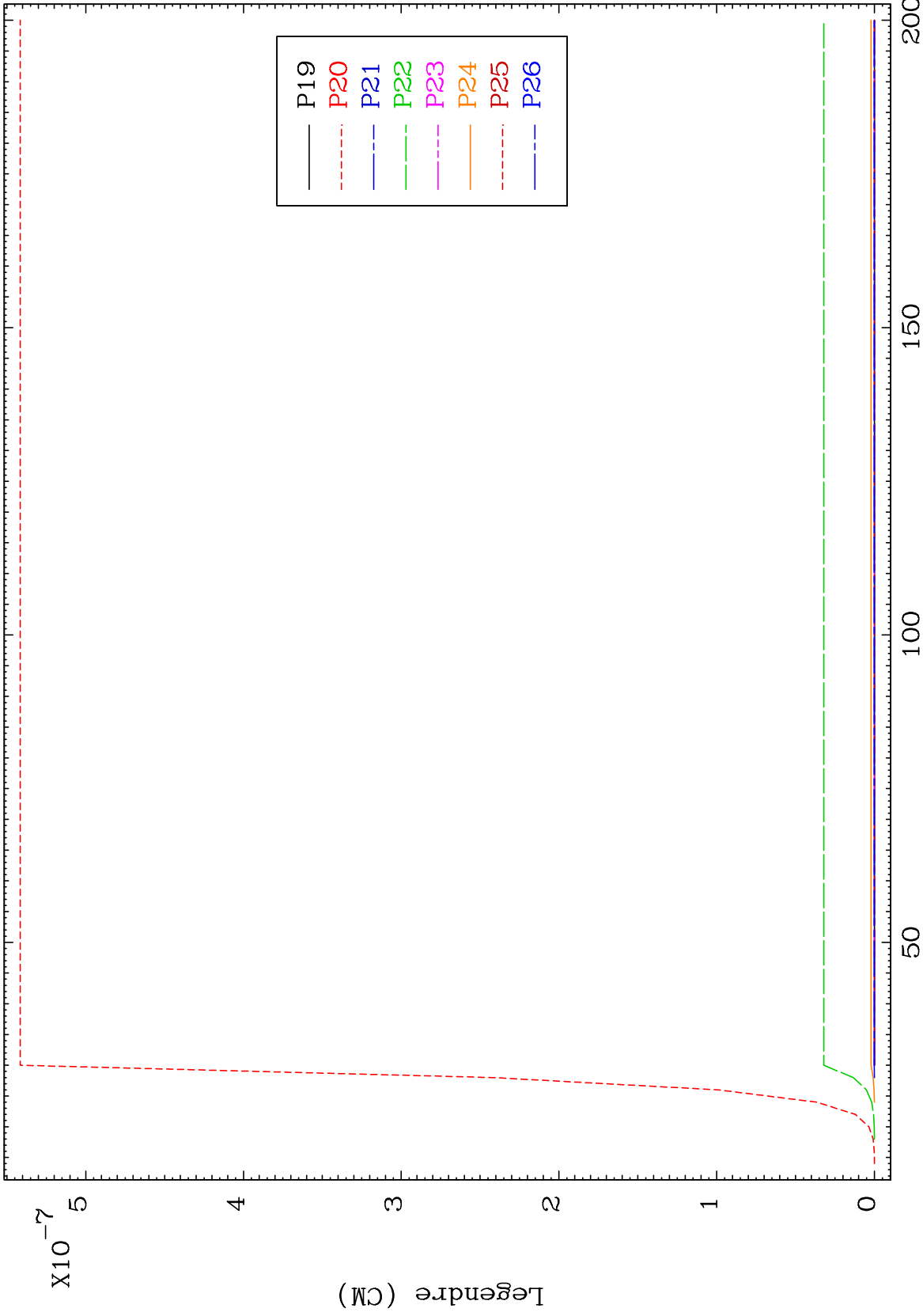
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



36

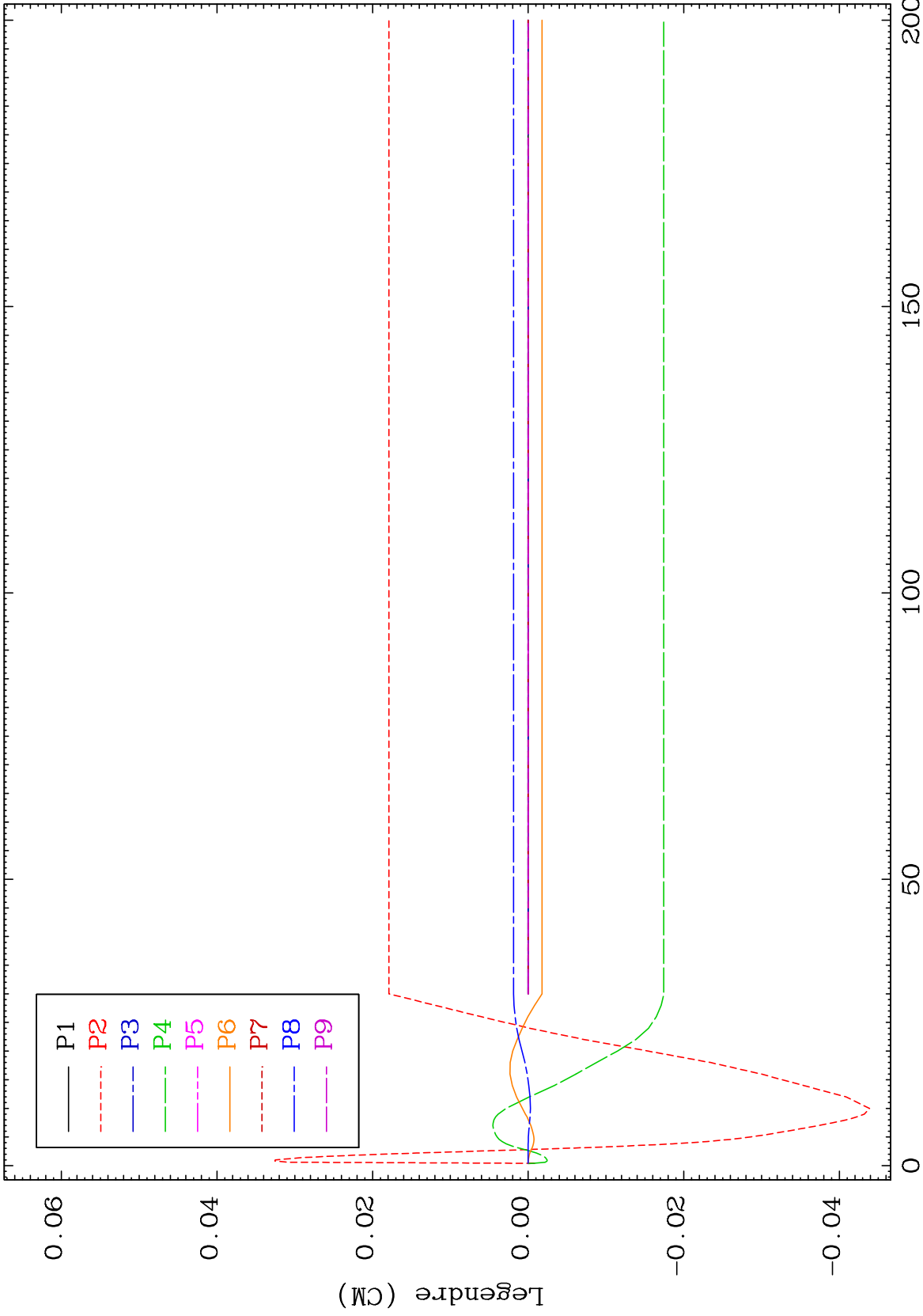
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



37

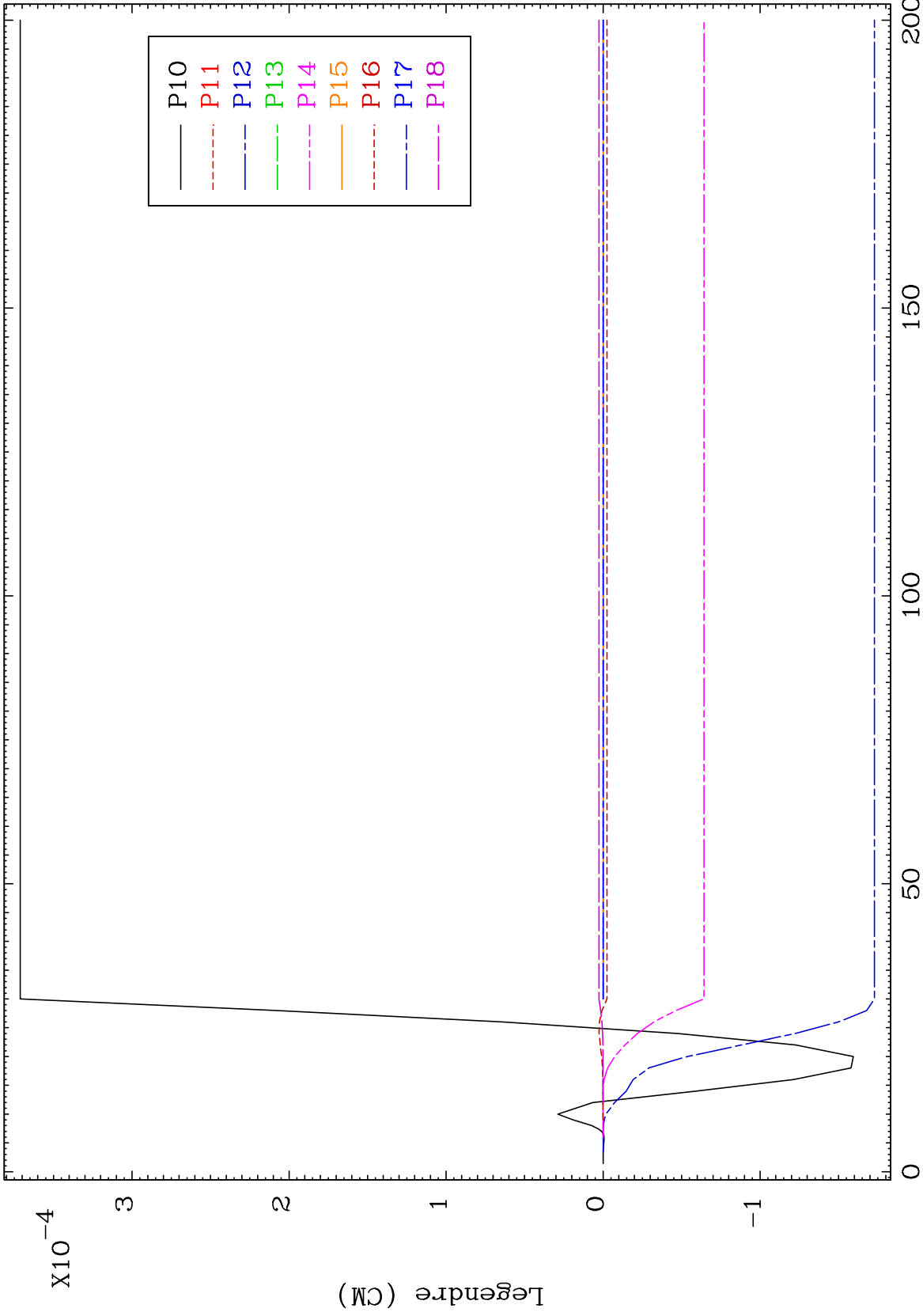
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



38

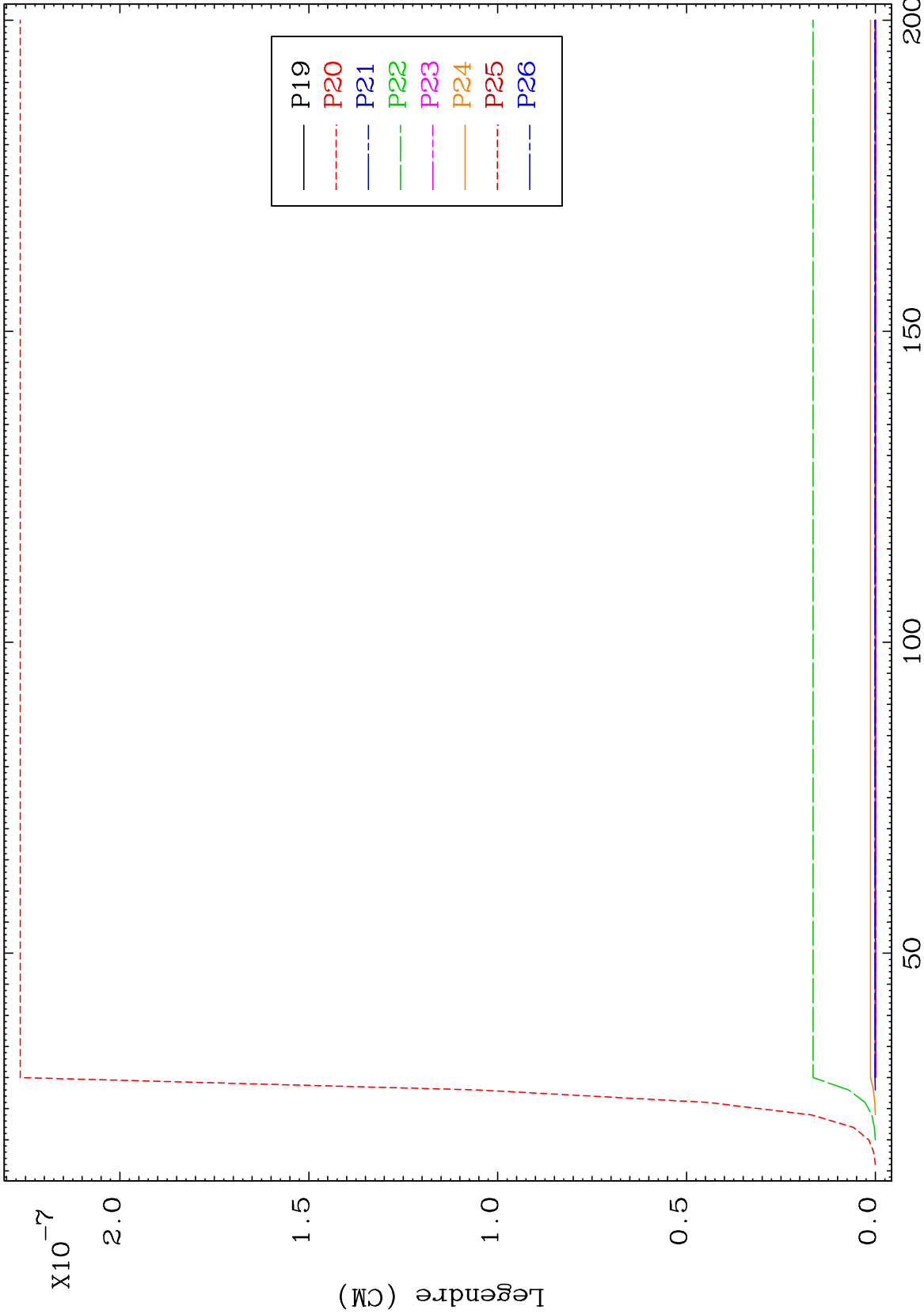
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

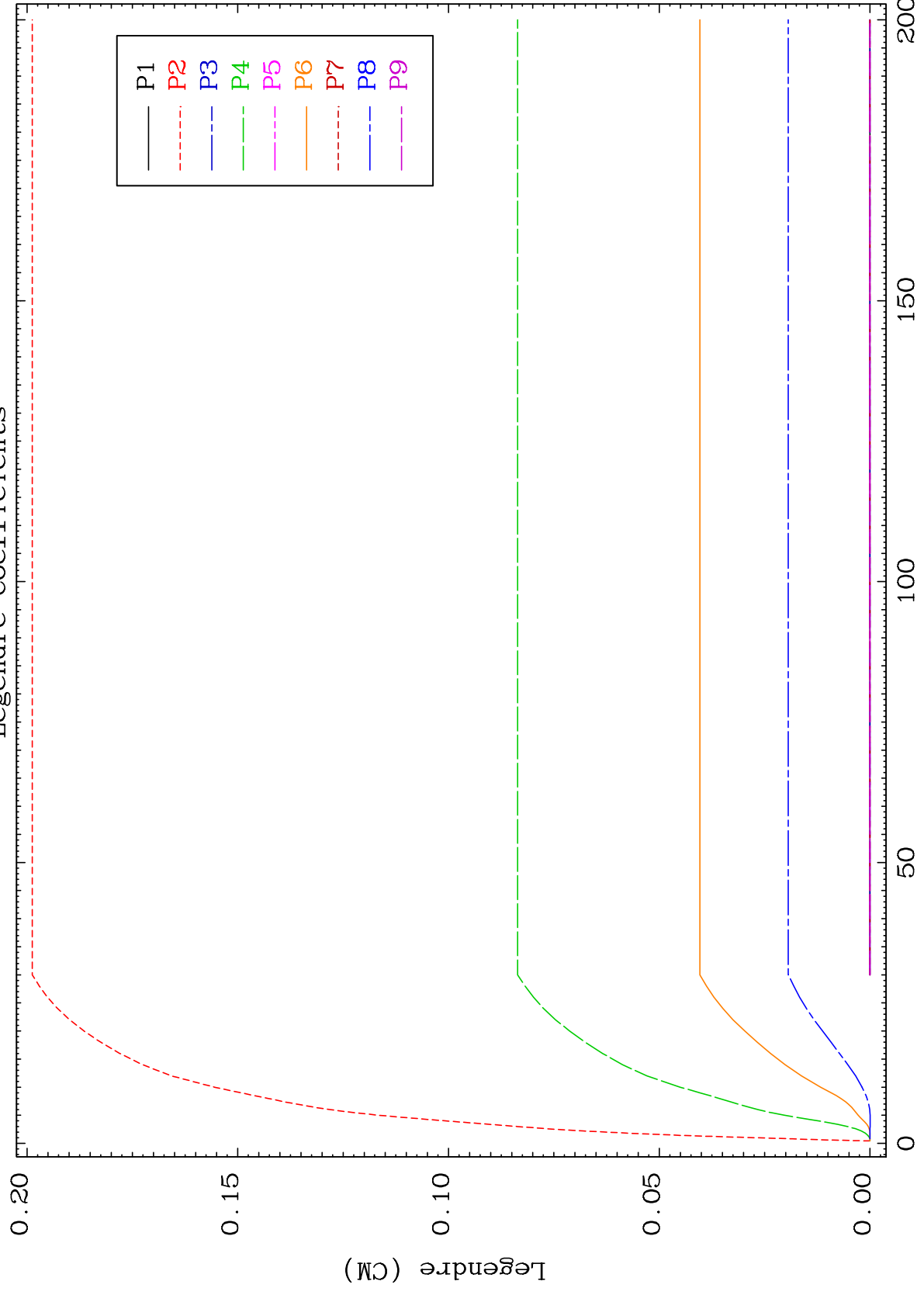


39

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 57 (n,n') Level Legendre Coefficients 49-In-118



49-In-118

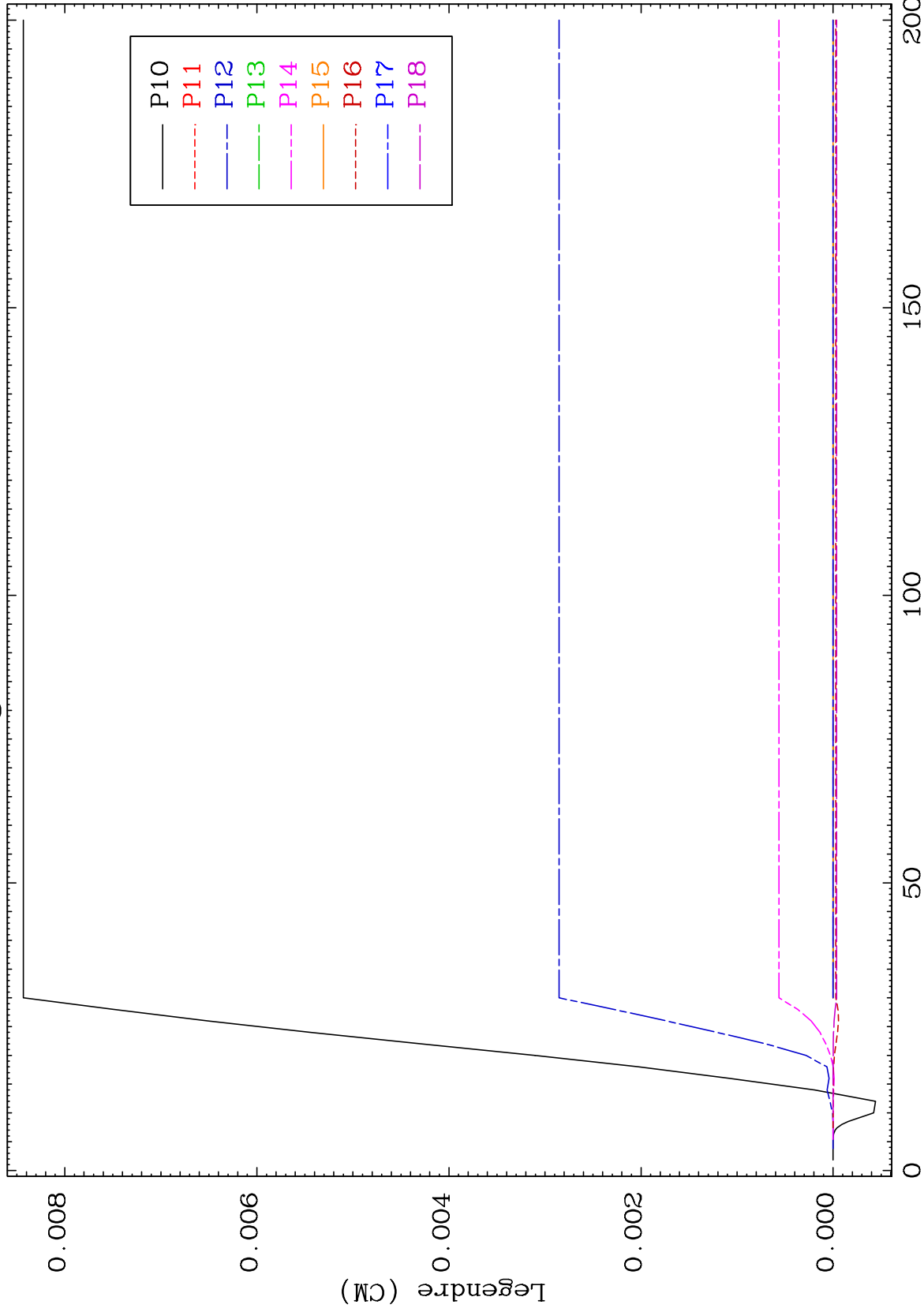
Incident Energy (MeV)

40

MAT 4940

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

49-In-118



41

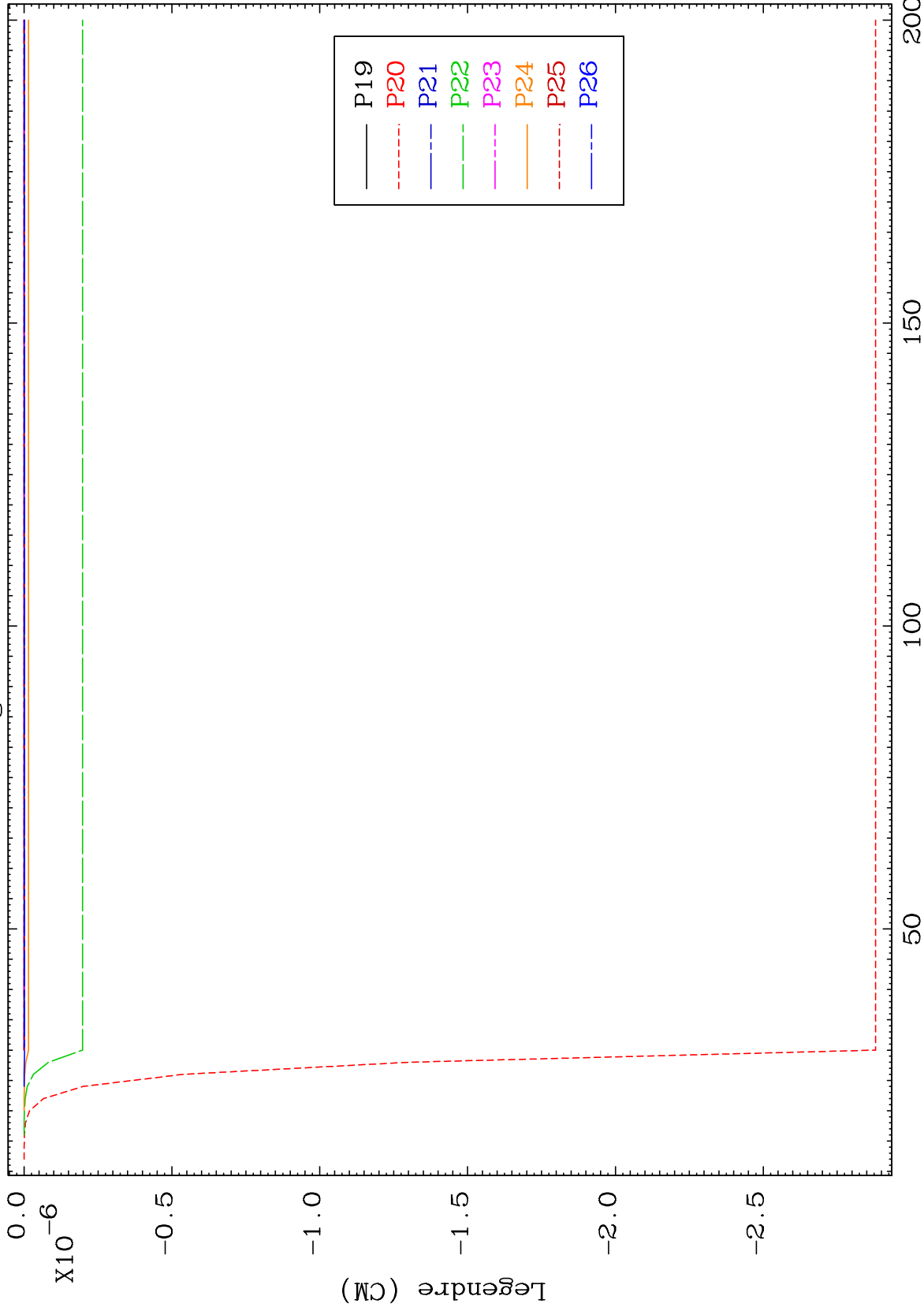
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



42

Incident Energy (MeV)

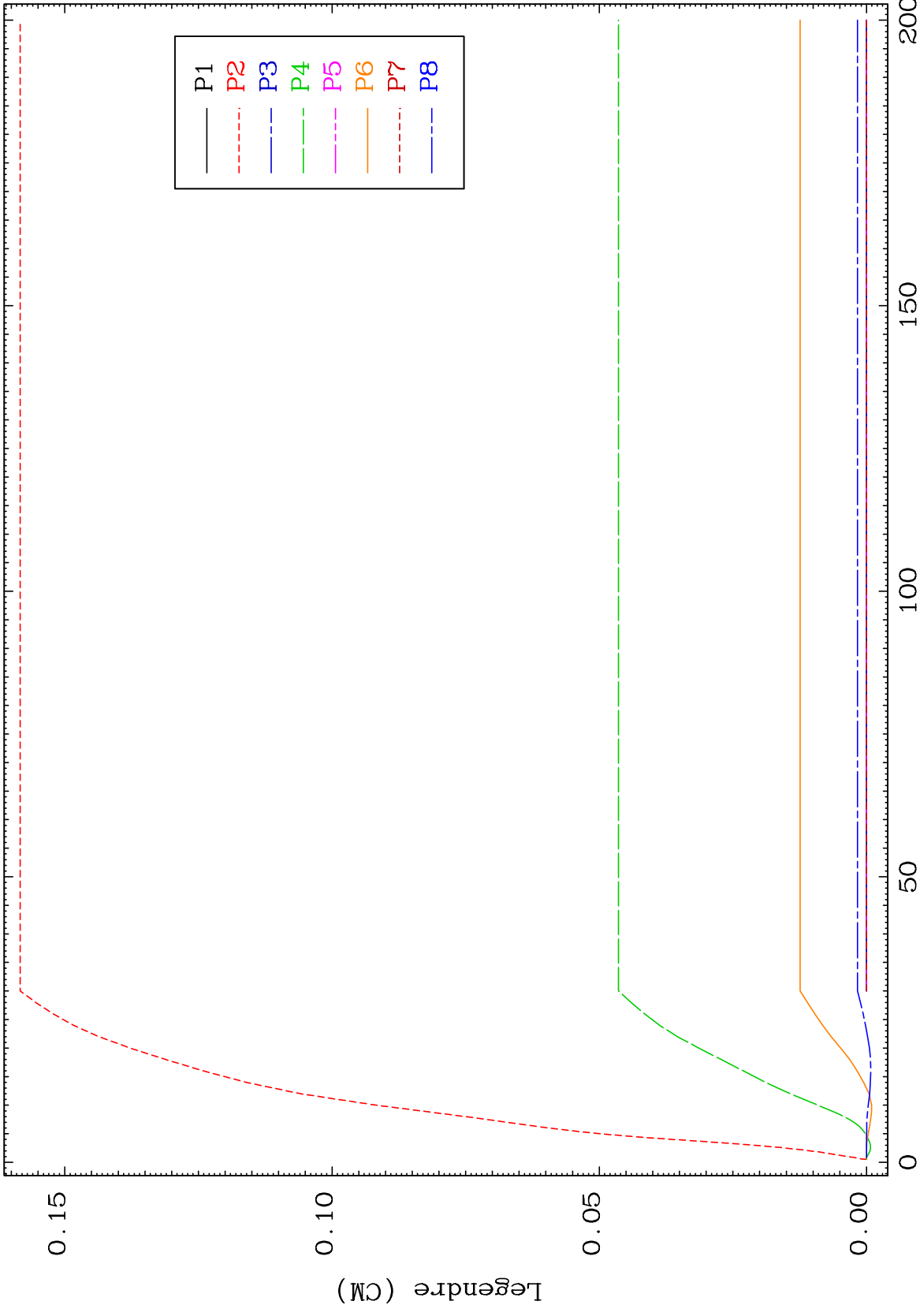
49-In-118

MAT 4940

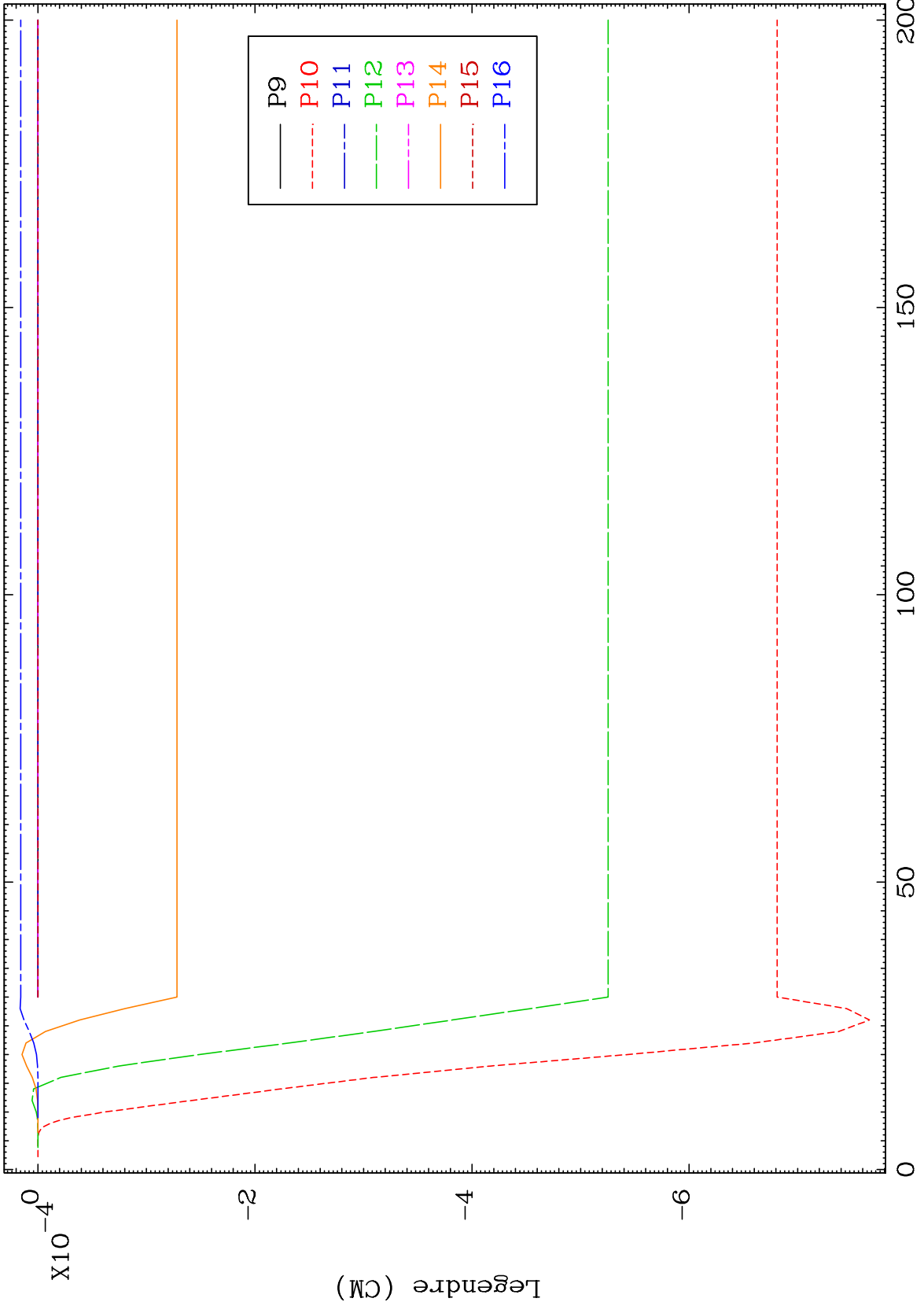
MT= 58 (n,n') Level
Legendre Coefficients

49-In-118

49-In-118



MAT 4940 MT= 58 (n,n') Level Legendre Coefficients 49-In-118

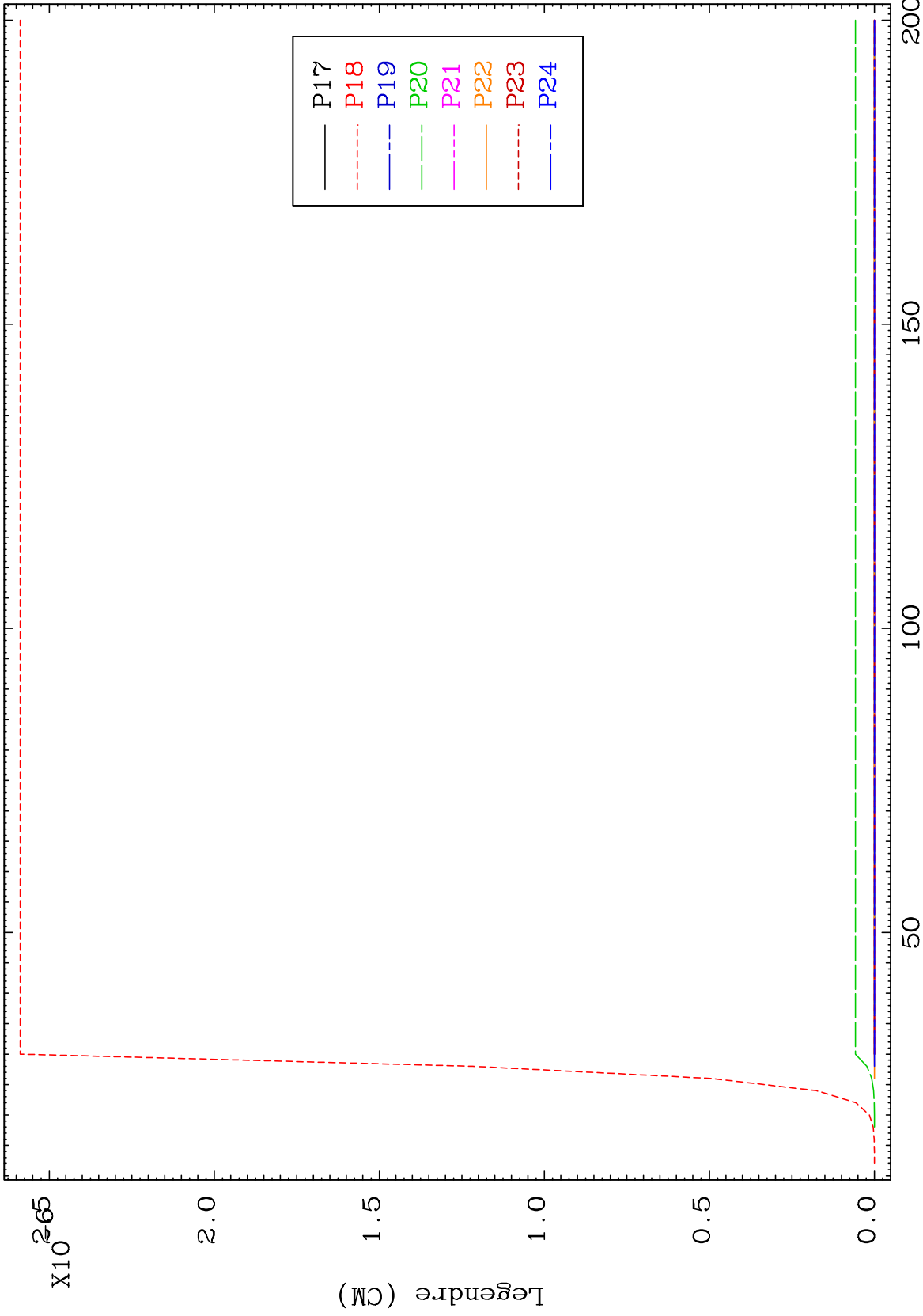


44 49-In-118

MAT 4940

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

49-In-118

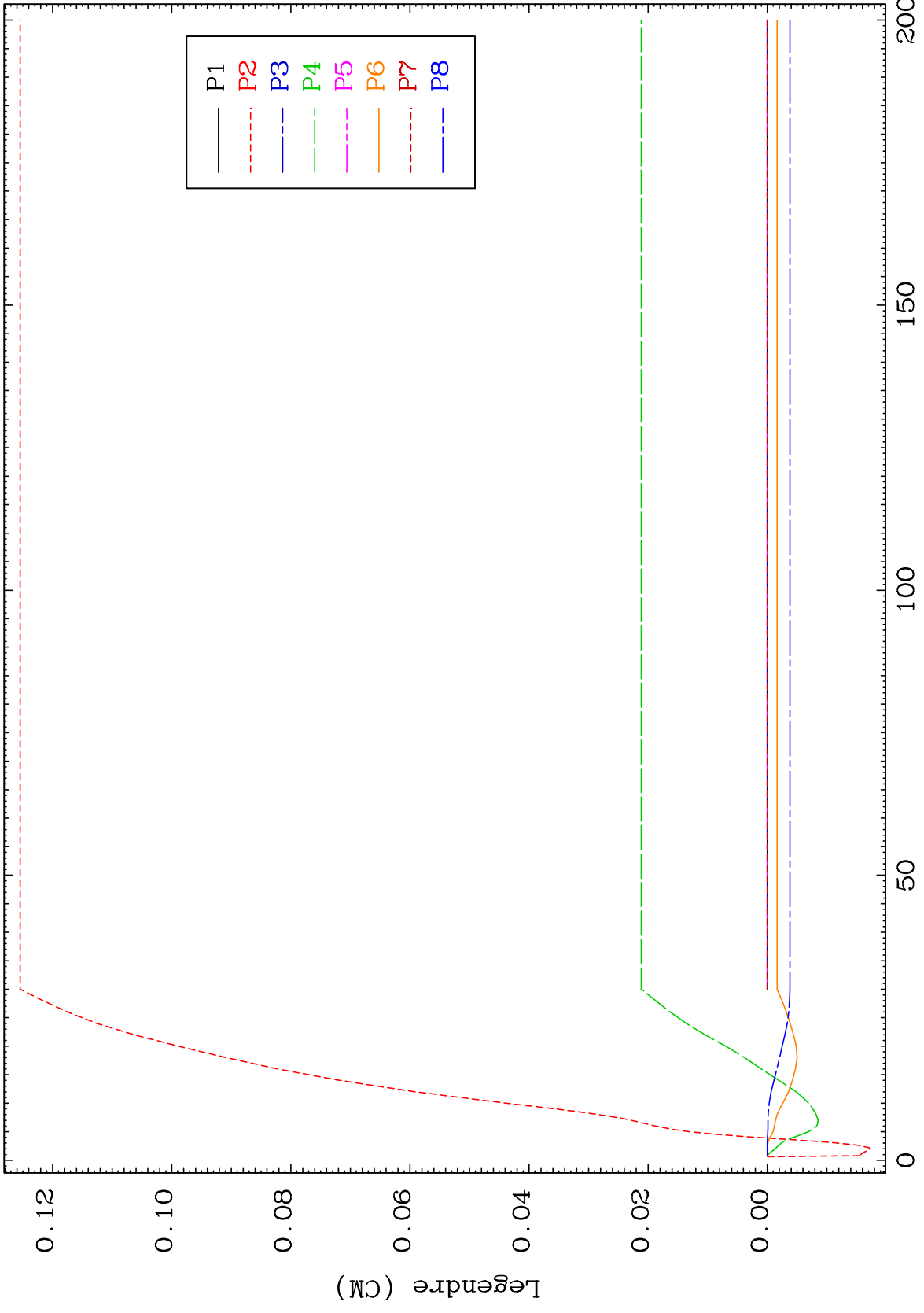


49-In-118

Incident Energy (MeV)

45

MAT 4940 MT= 59 (n,n') Level Legendre Coefficients 49-In-118

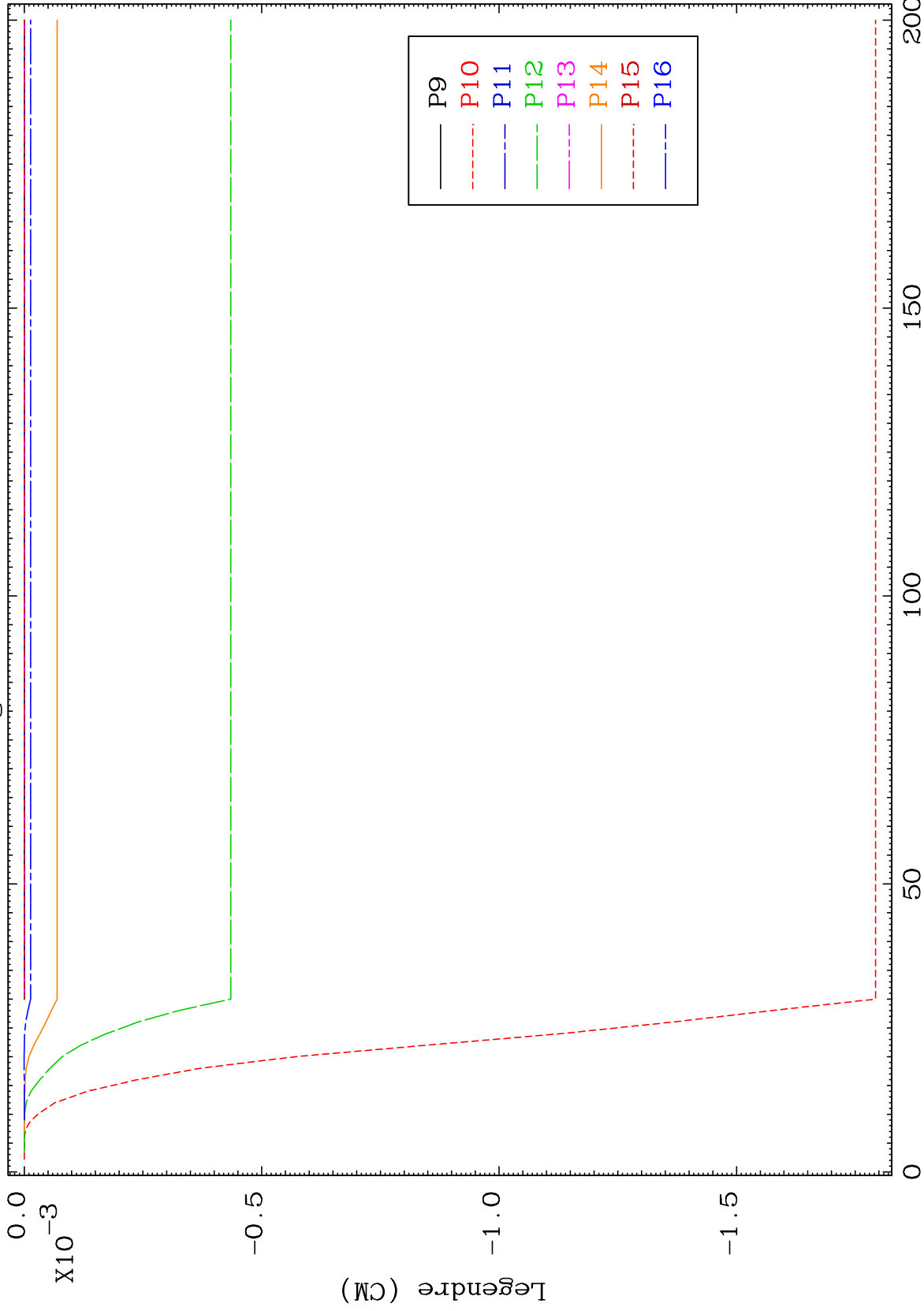


46 49-In-118

MAT 4940

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

49-In-118

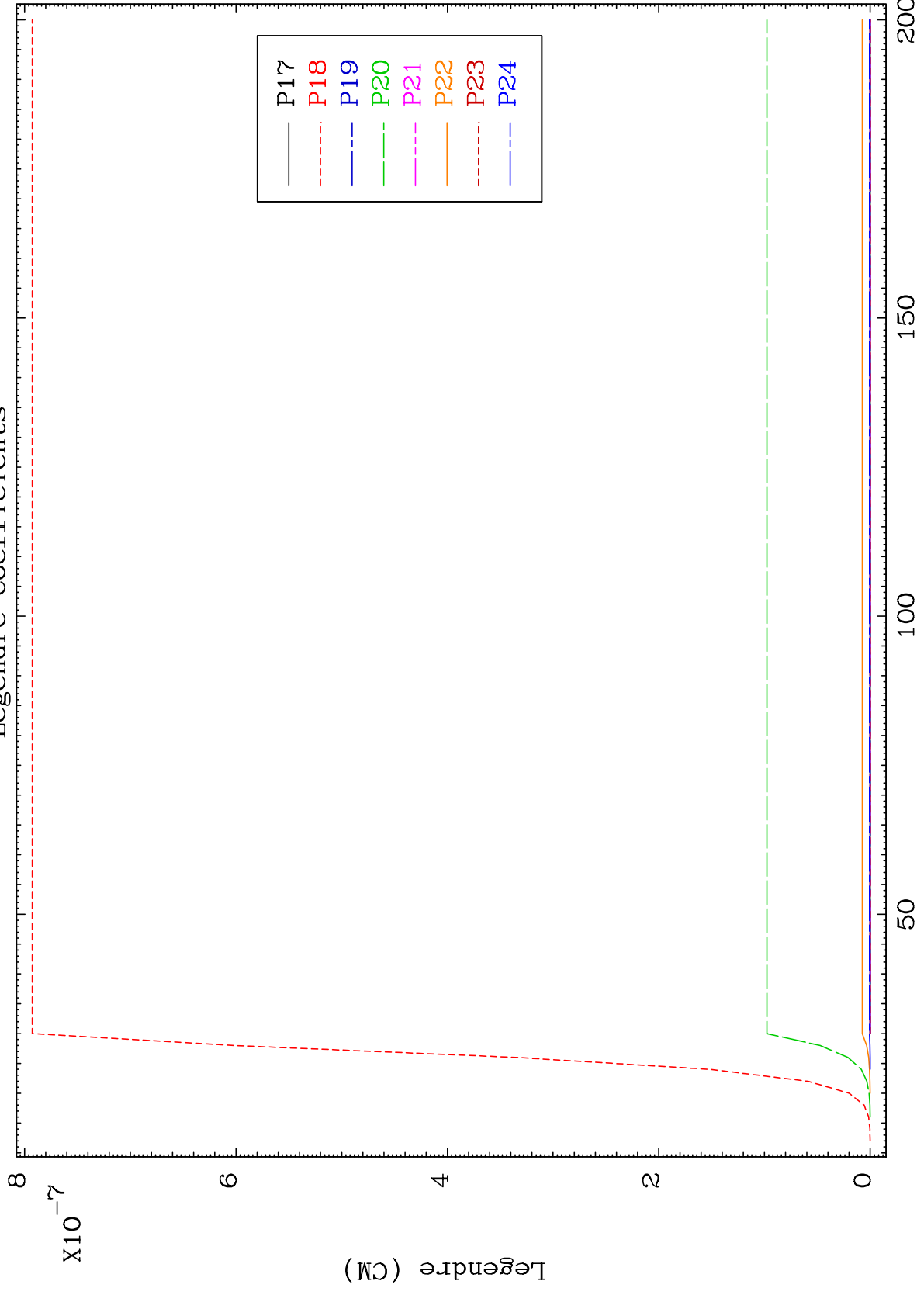


49-In-118

Incident Energy (MeV)

47

MAT 4940 MT= 59 (n,n') Level Legendre Coefficients 49-In-118

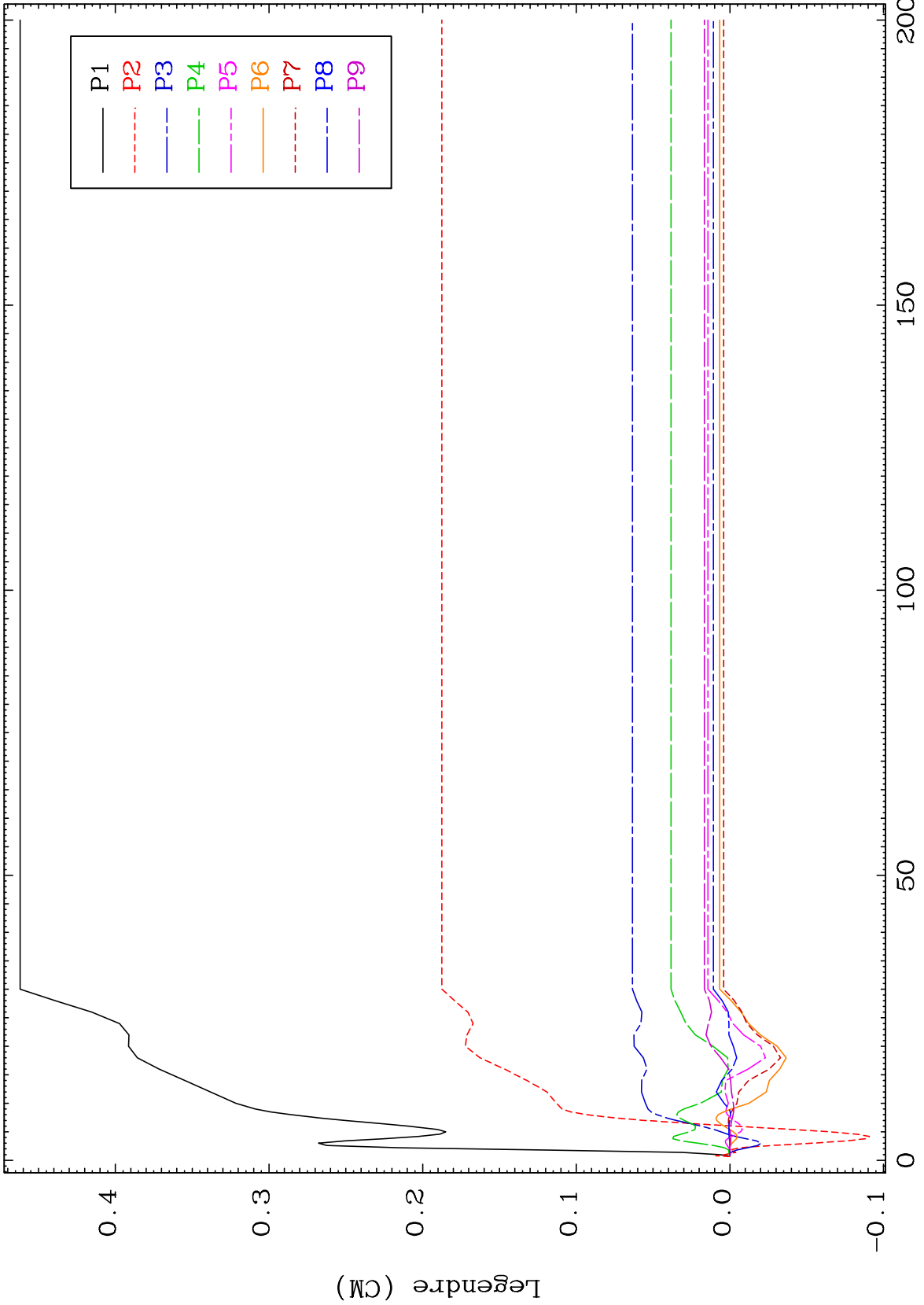


48 50 100 150 200 49-In-118

MAT 4940

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

49-In-118



49

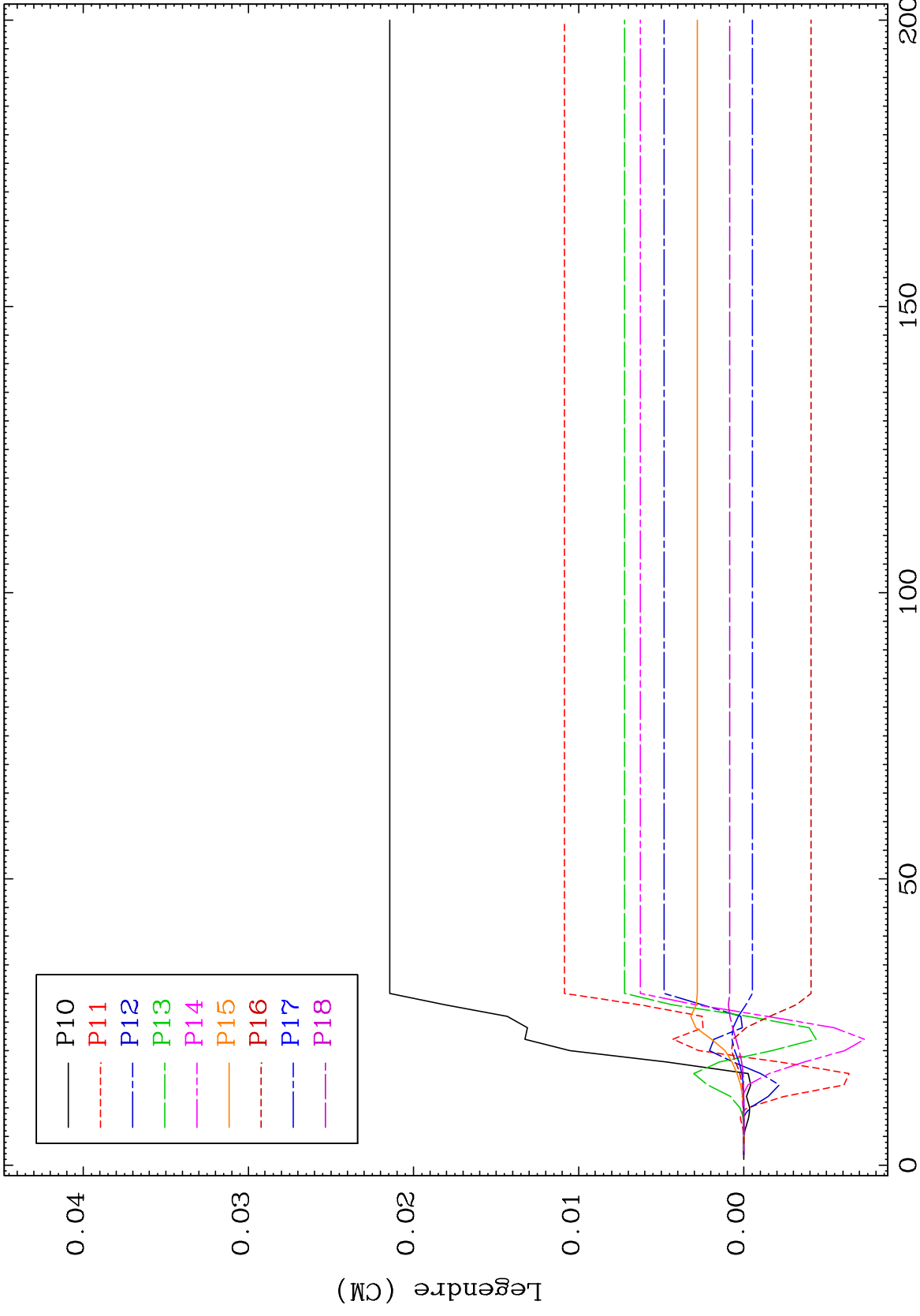
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



0

50

100

150

200

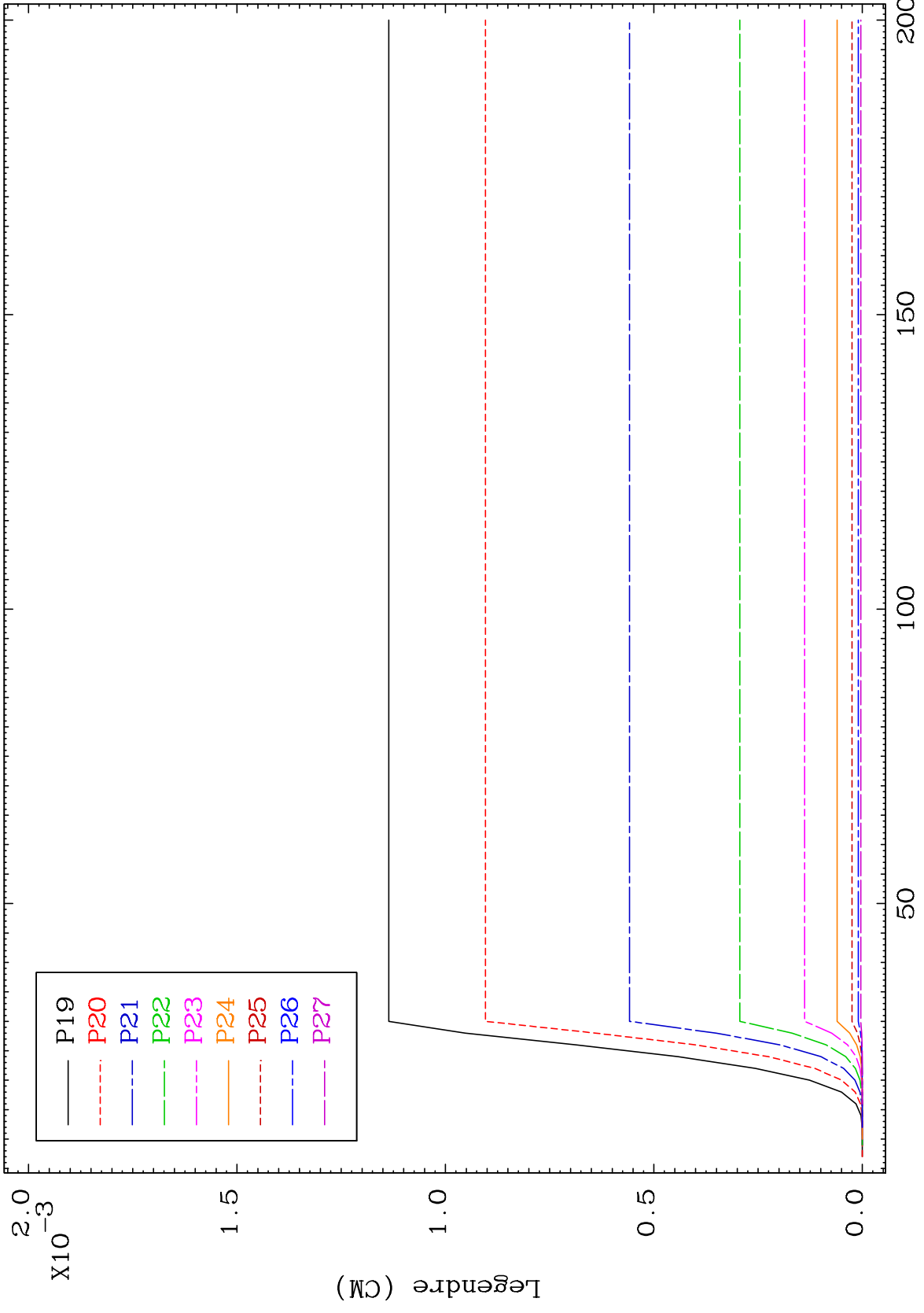
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



51

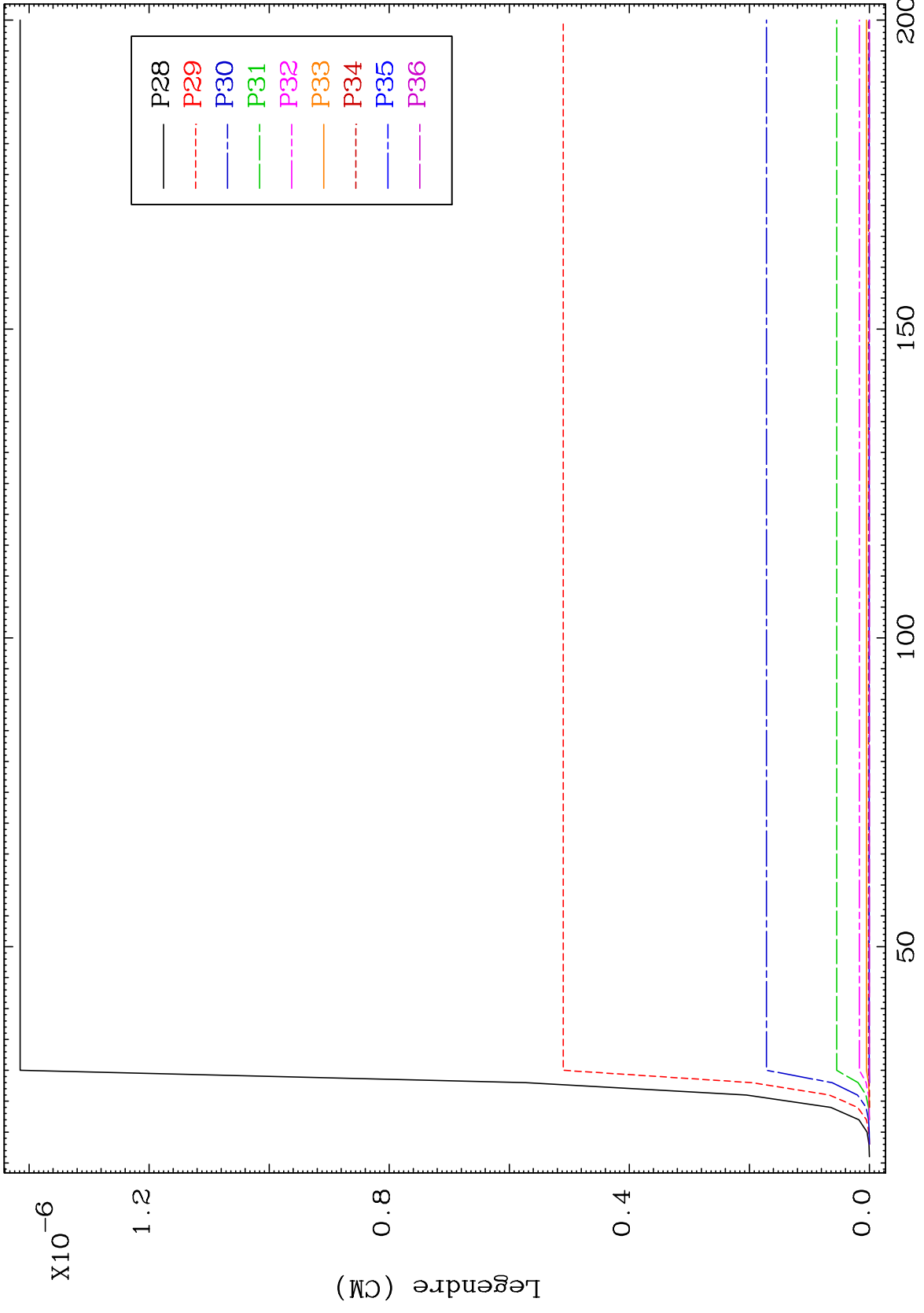
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



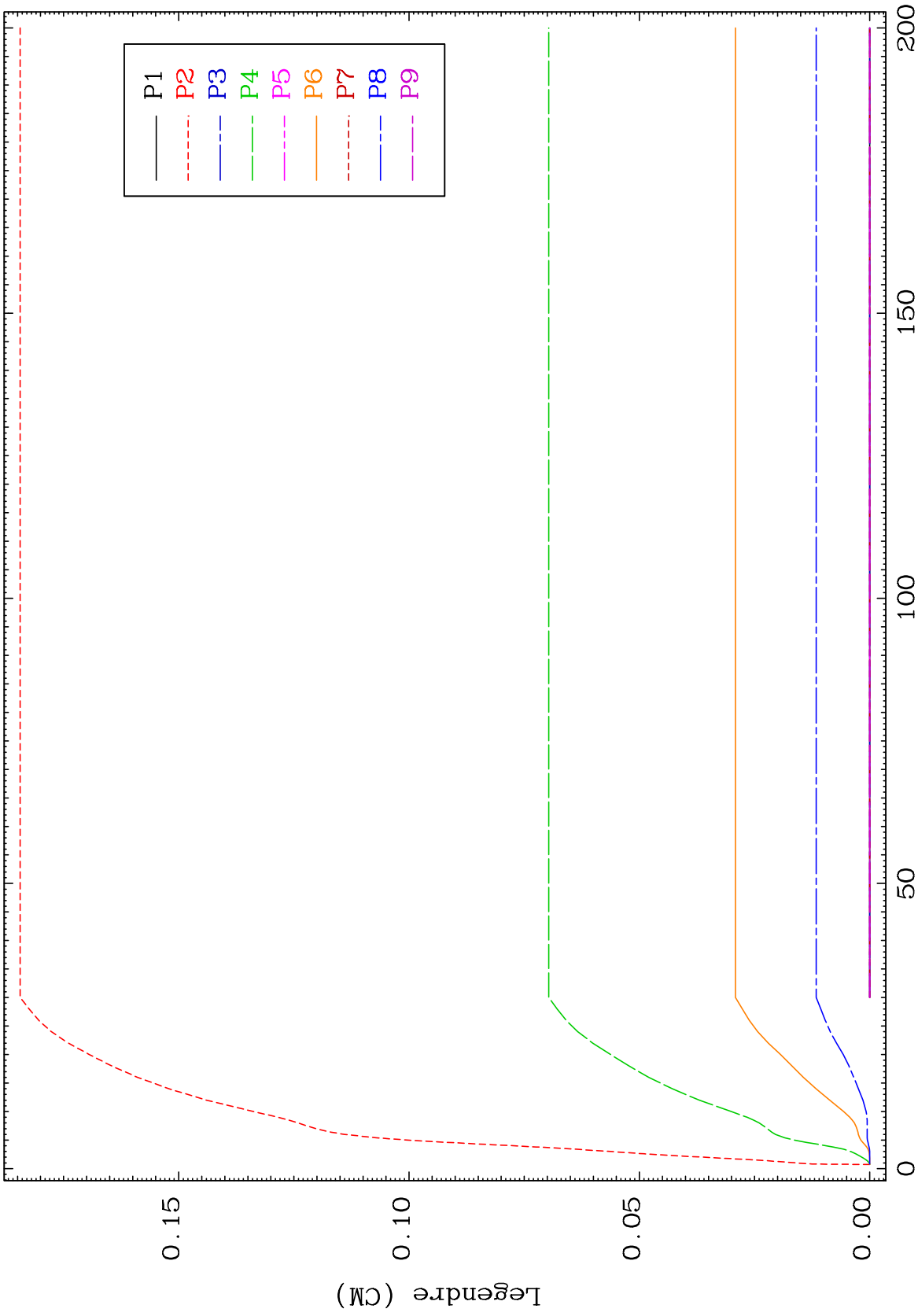
52

49-In-118

MAT 4940

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

49-In-118



53

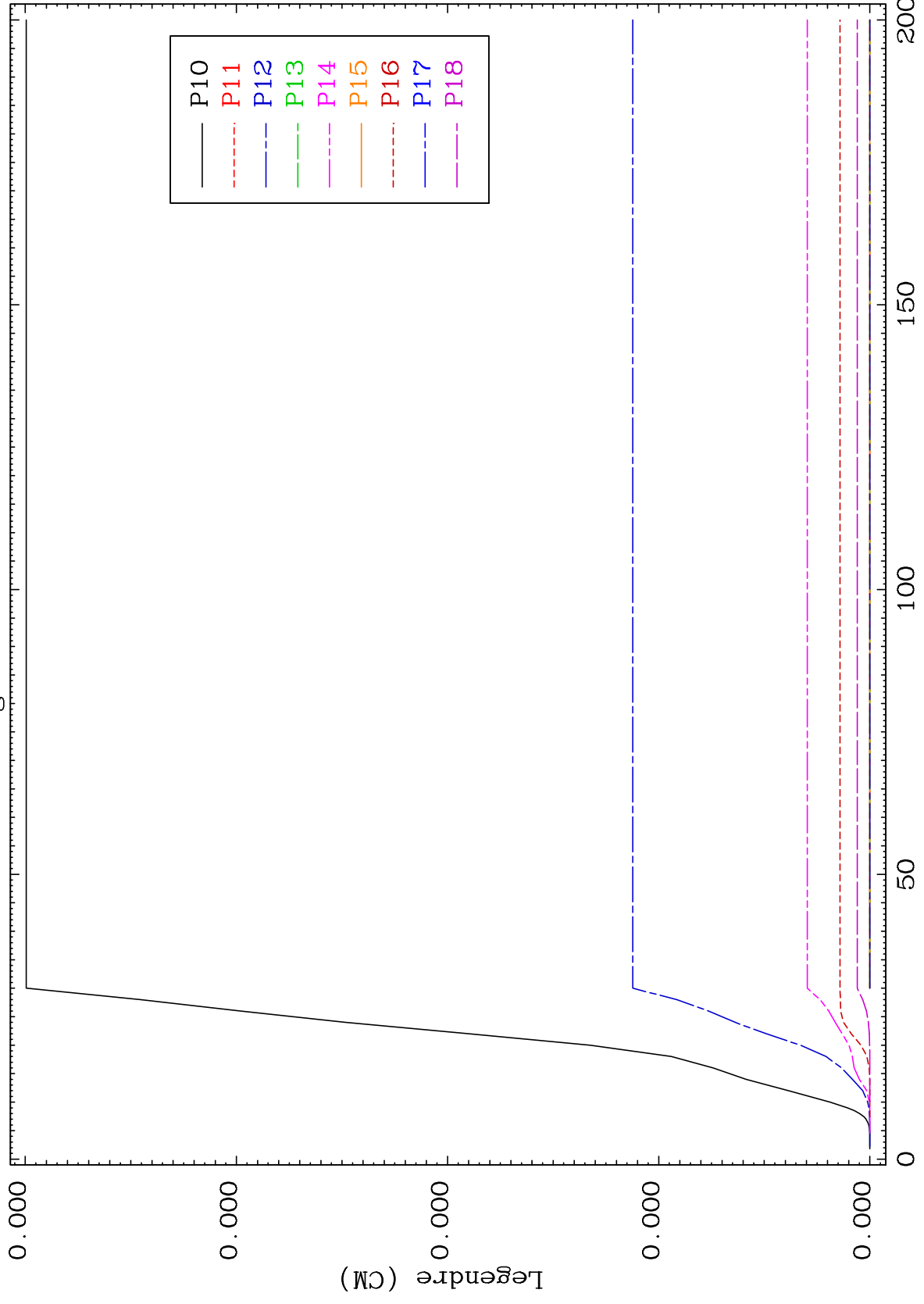
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

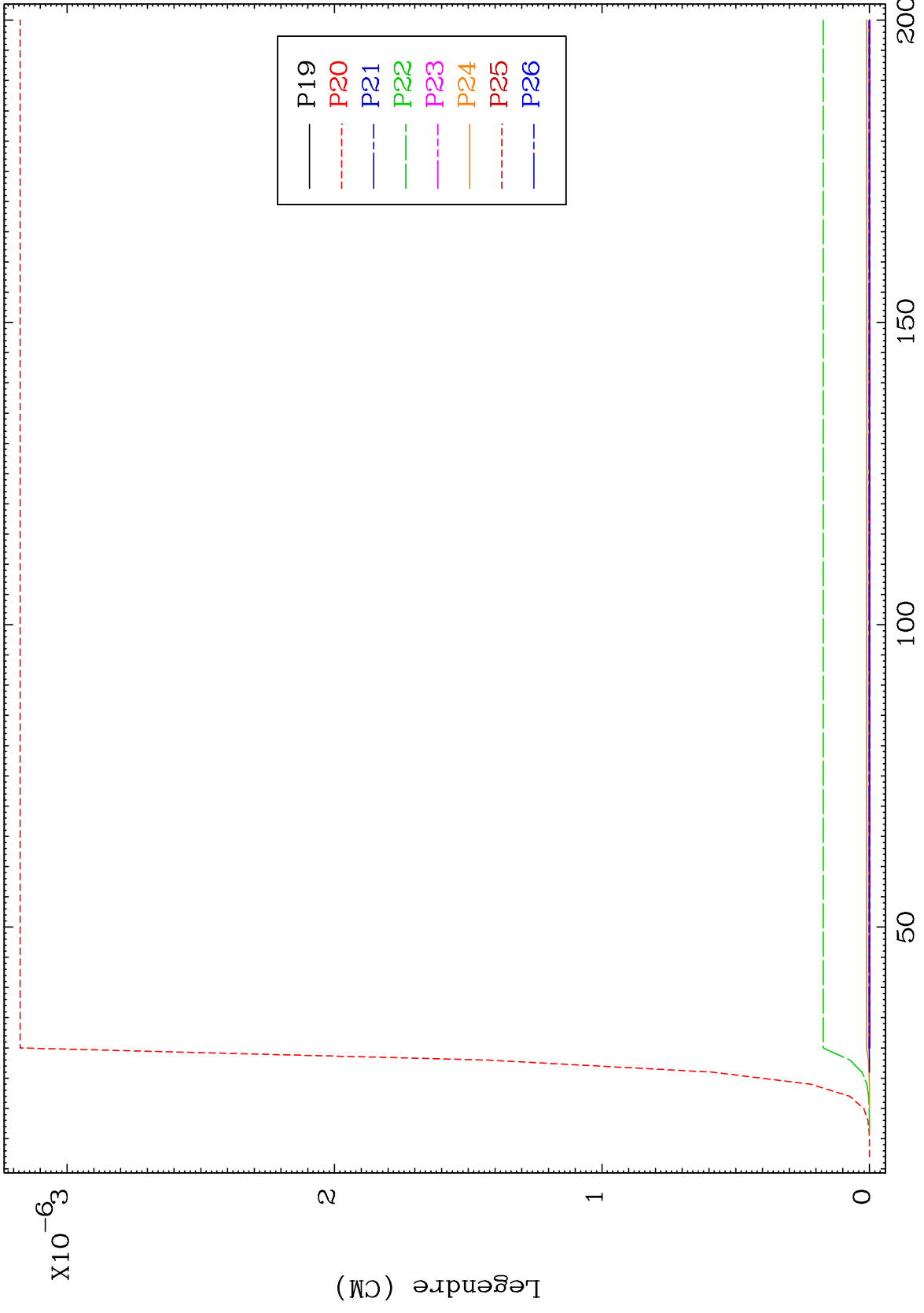


54

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 61 (n,n') Level Legendre Coefficients 49-In-118

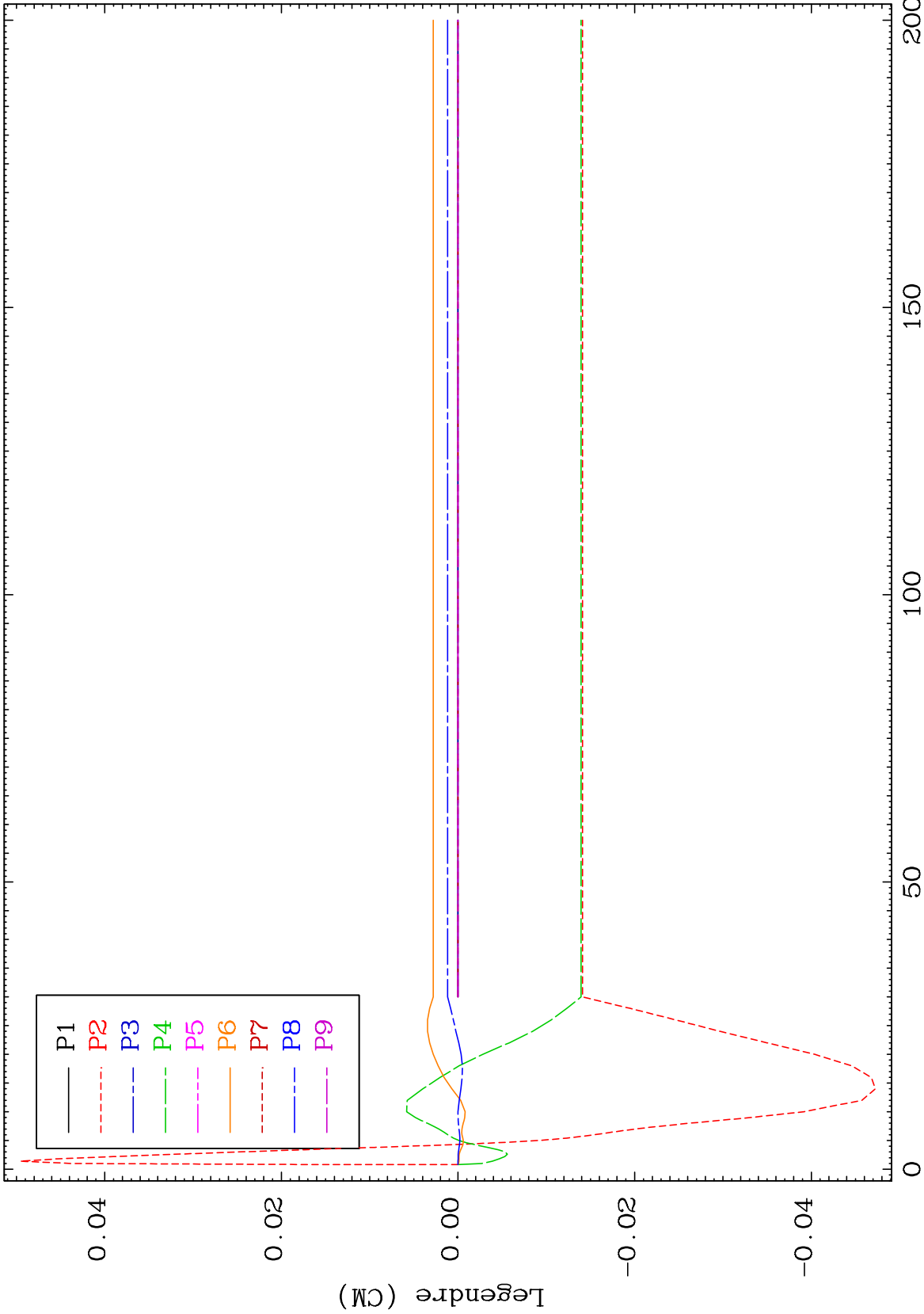


55 Incident Energy (MeV) 200 49-In-118

MAT 4940

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

49-In-118



56

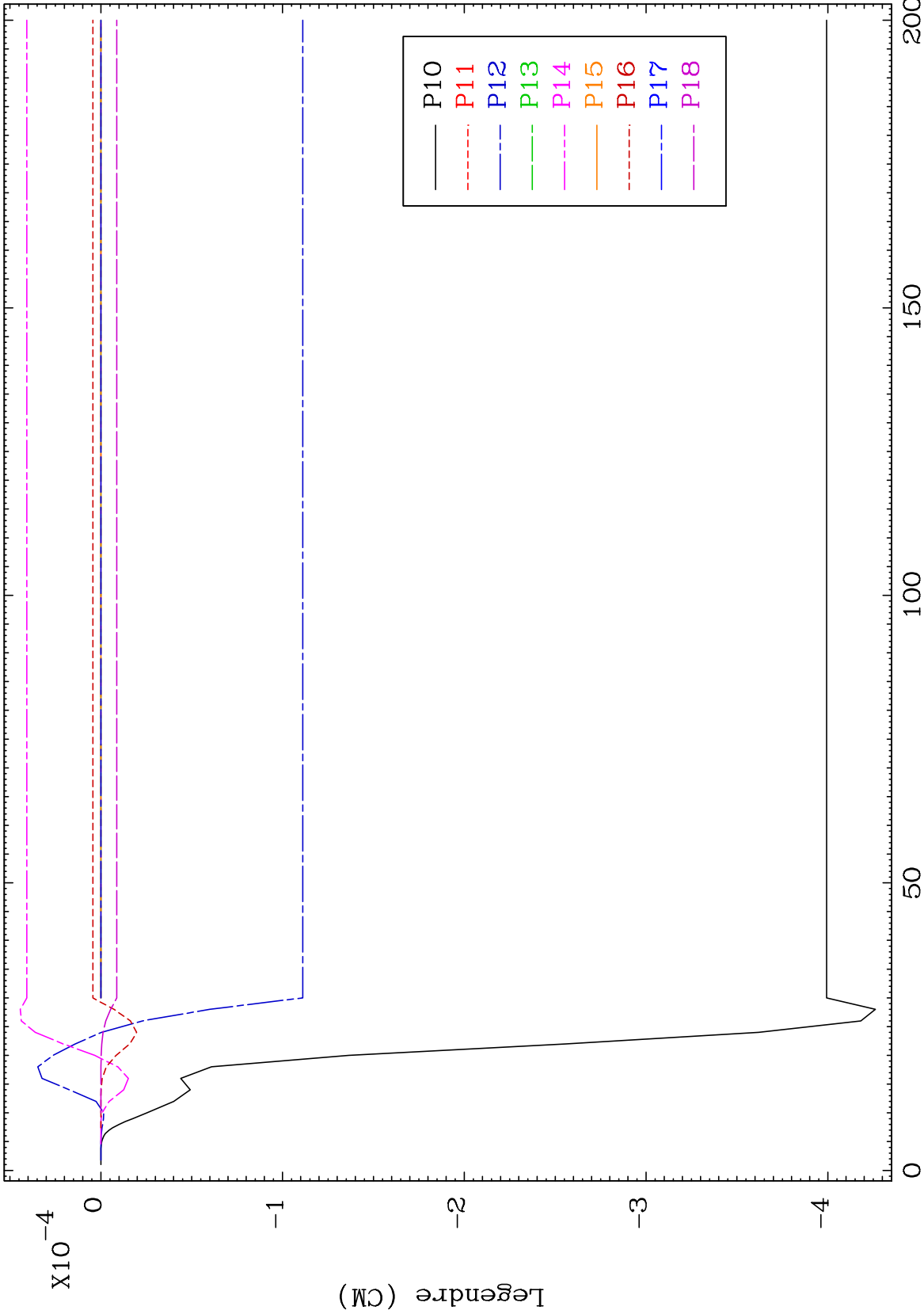
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



57

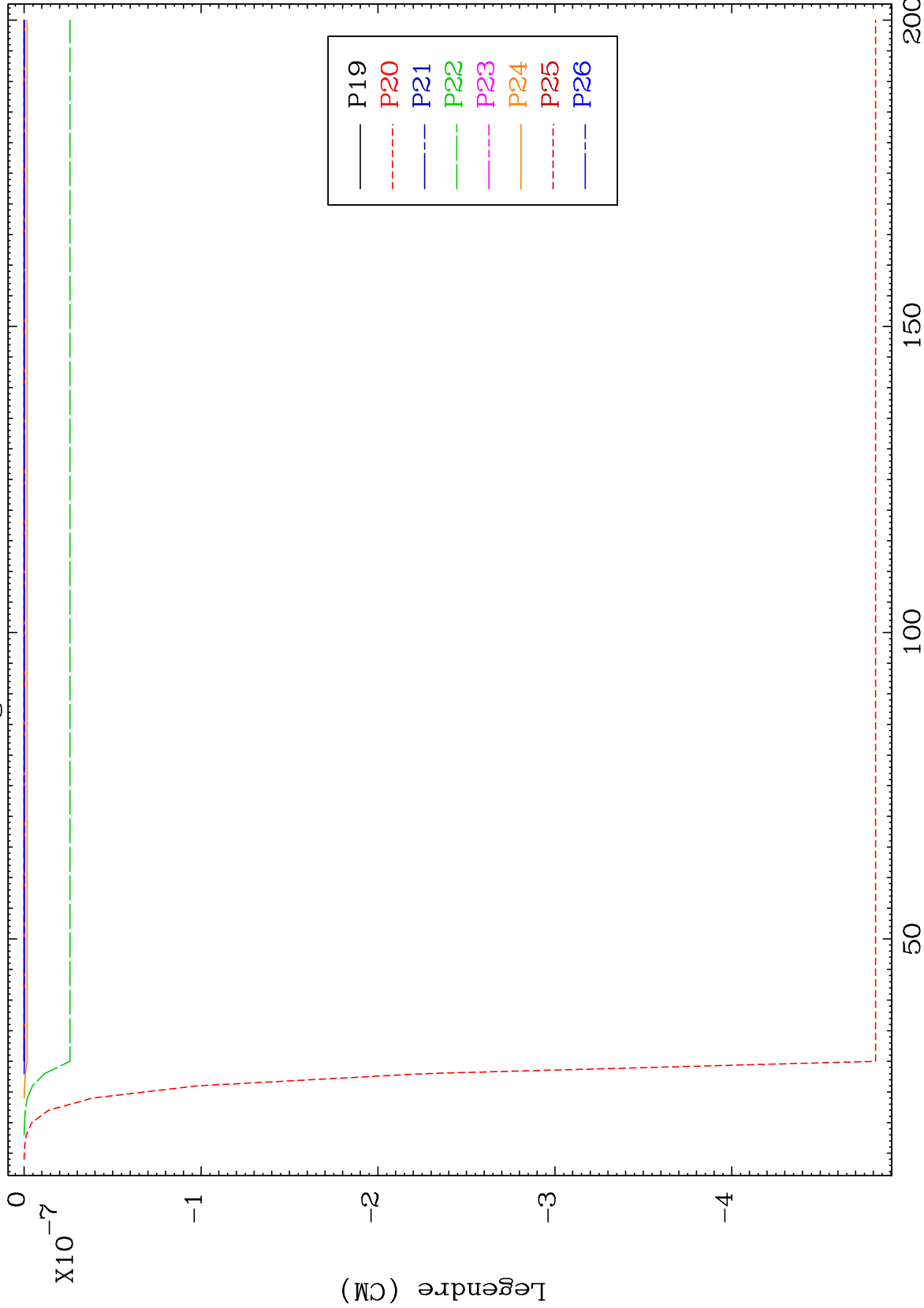
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



58

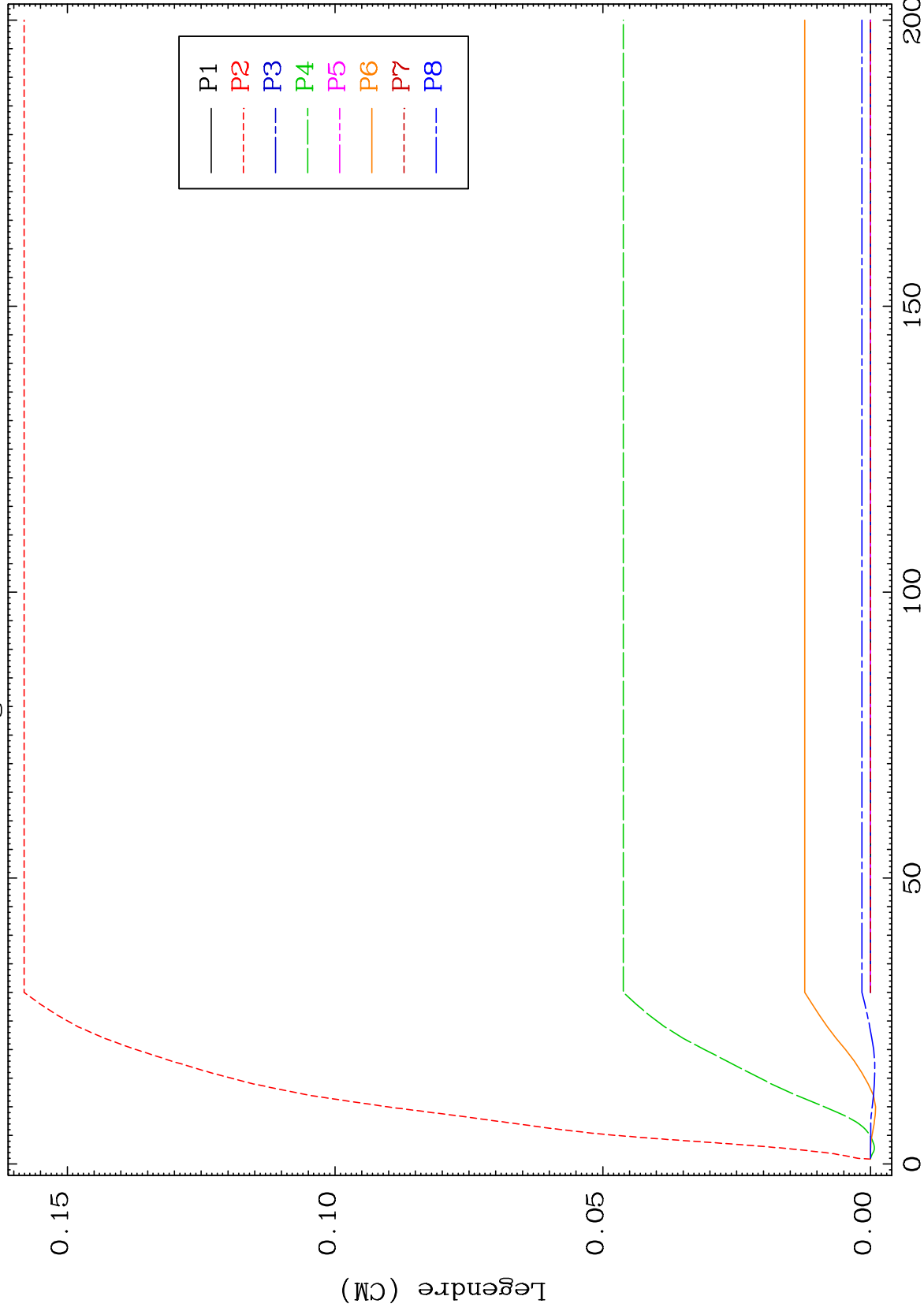
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

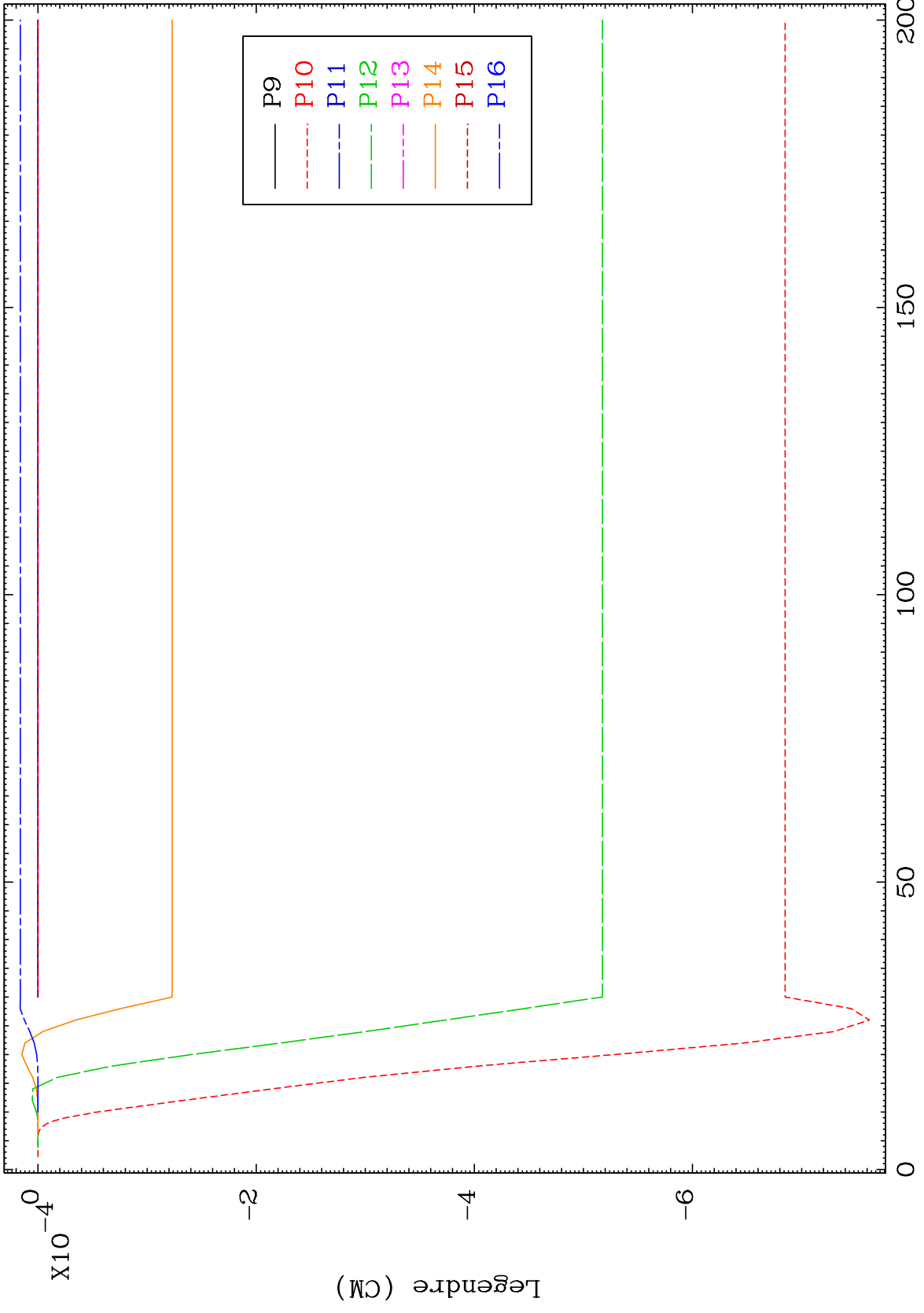


59

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 63 (n,n') Level Legendre Coefficients 49-In-118

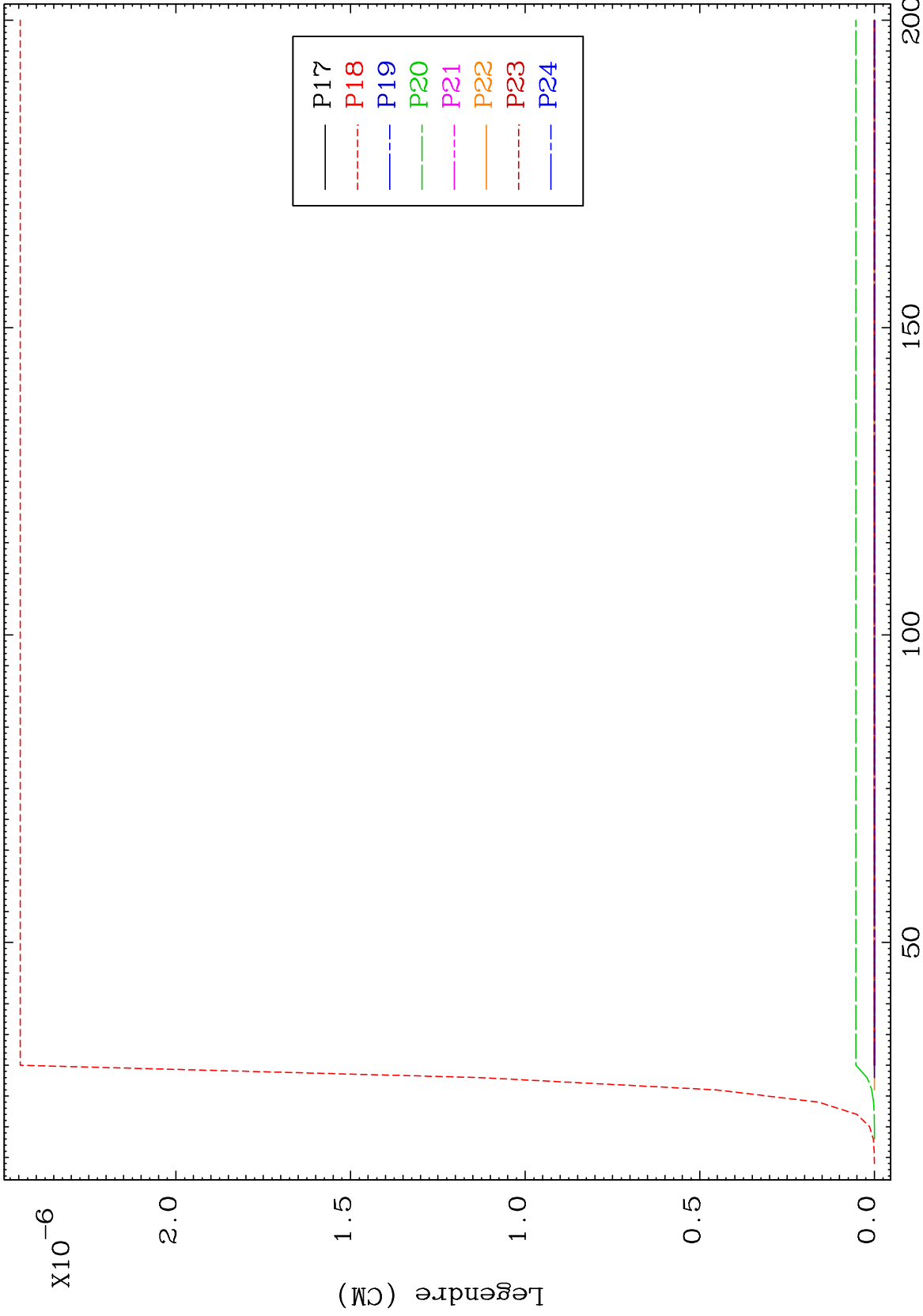


49-In-118

MAT 4940

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

49-In-118



61

Incident Energy (MeV)

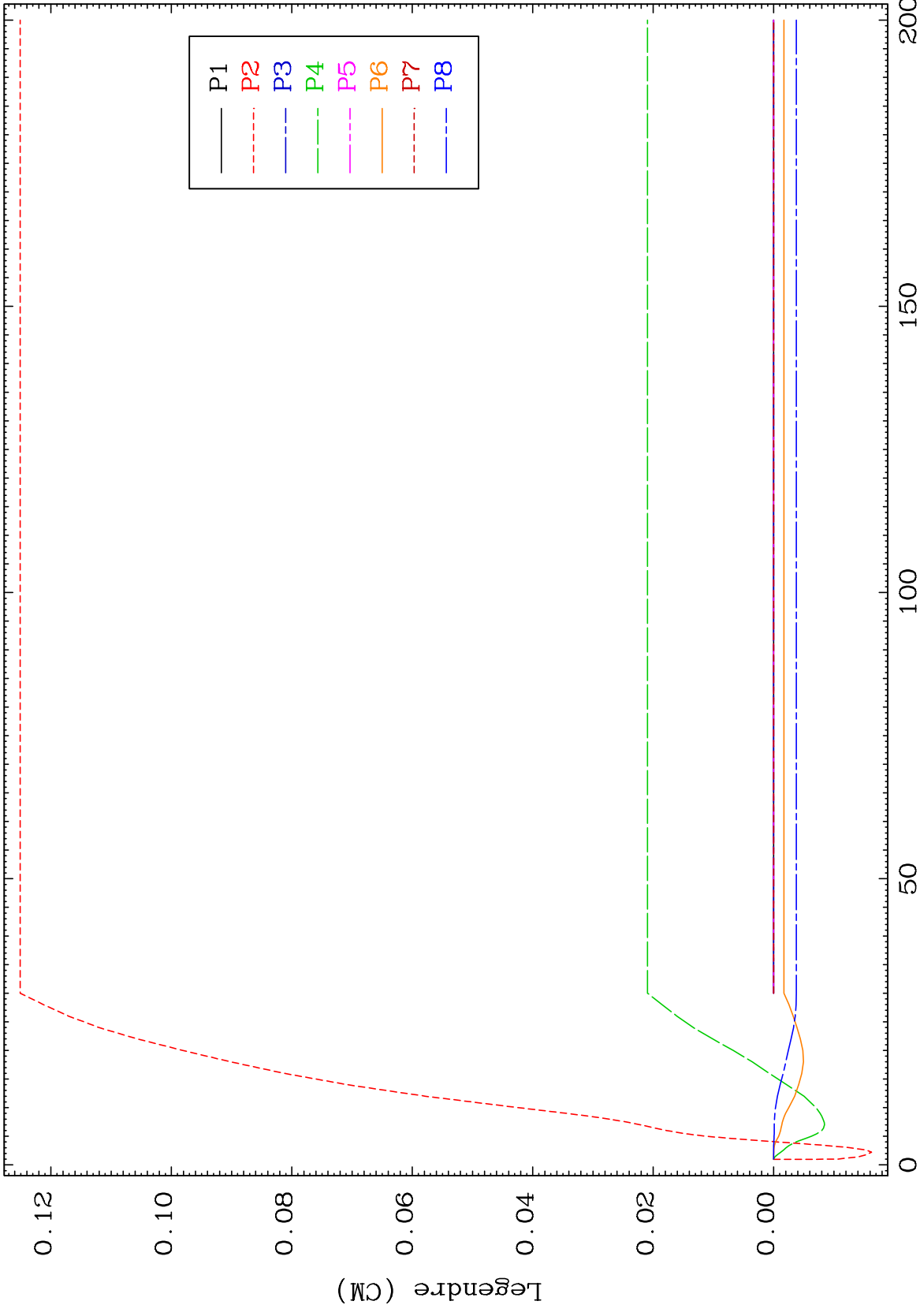
49-In-118

MAT 4940

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

49-In-118

49-In-118

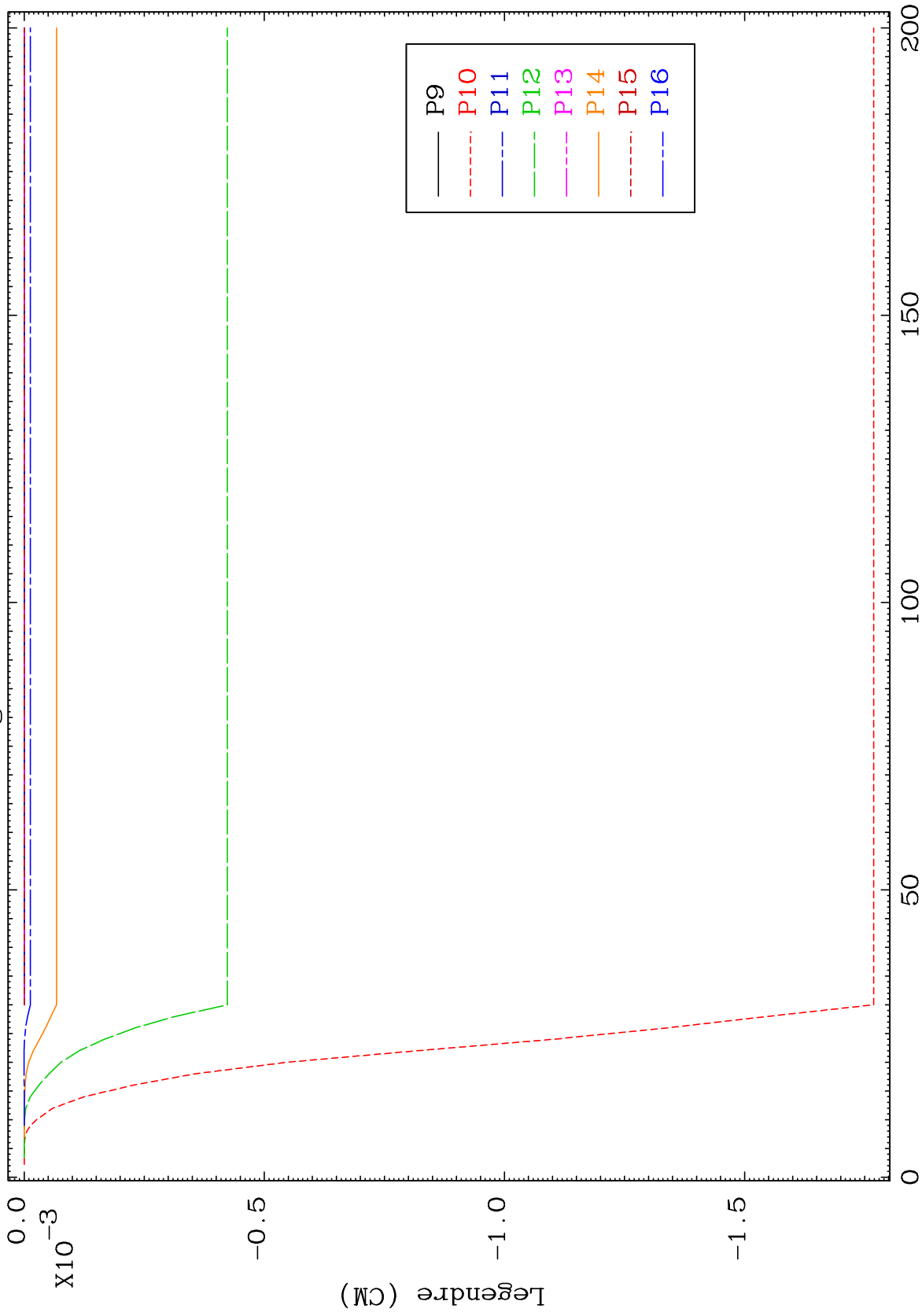


62

MAT 4940

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

49-In-118

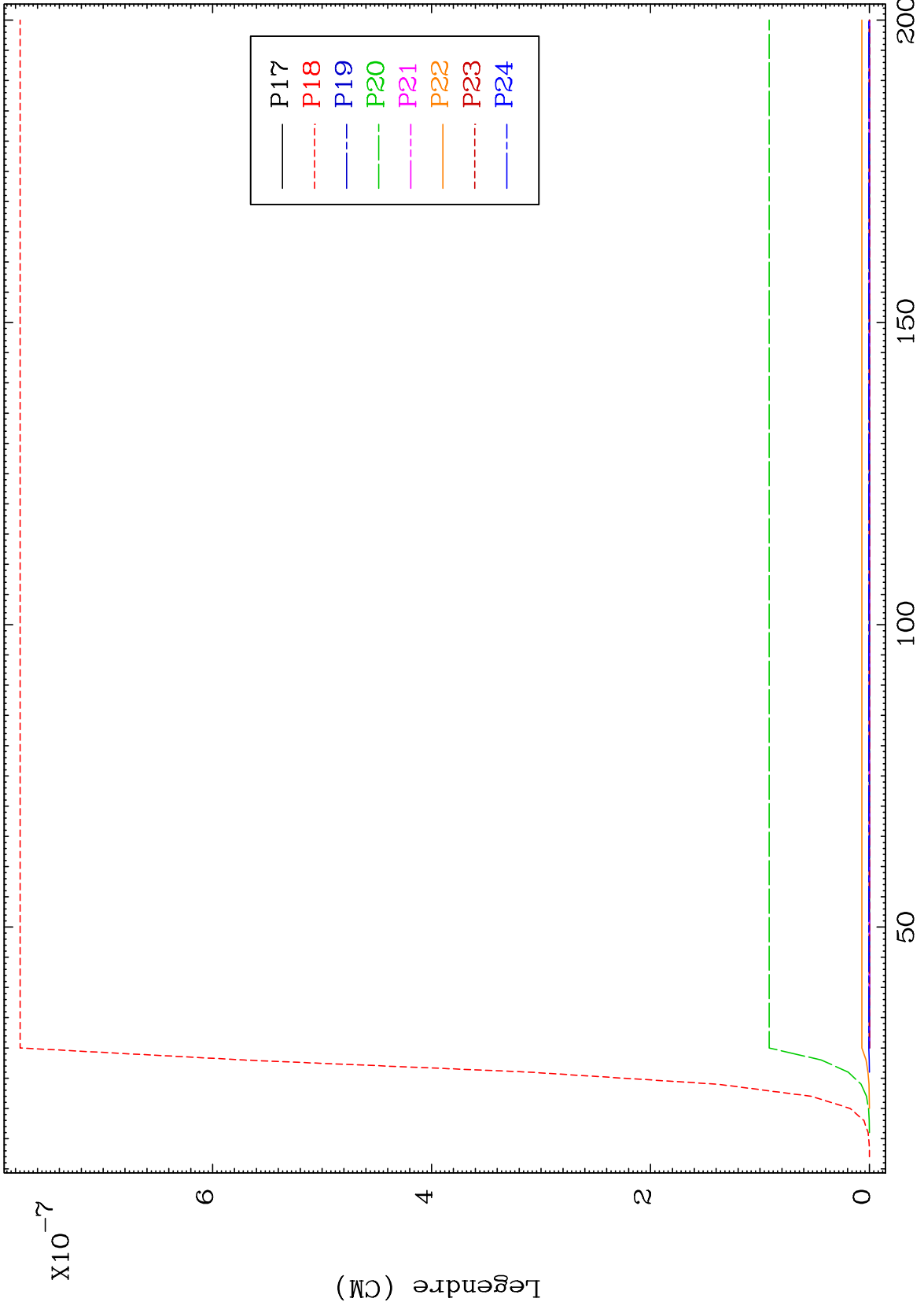


63

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 64 (n,n') Level Legendre Coefficients 49-In-118

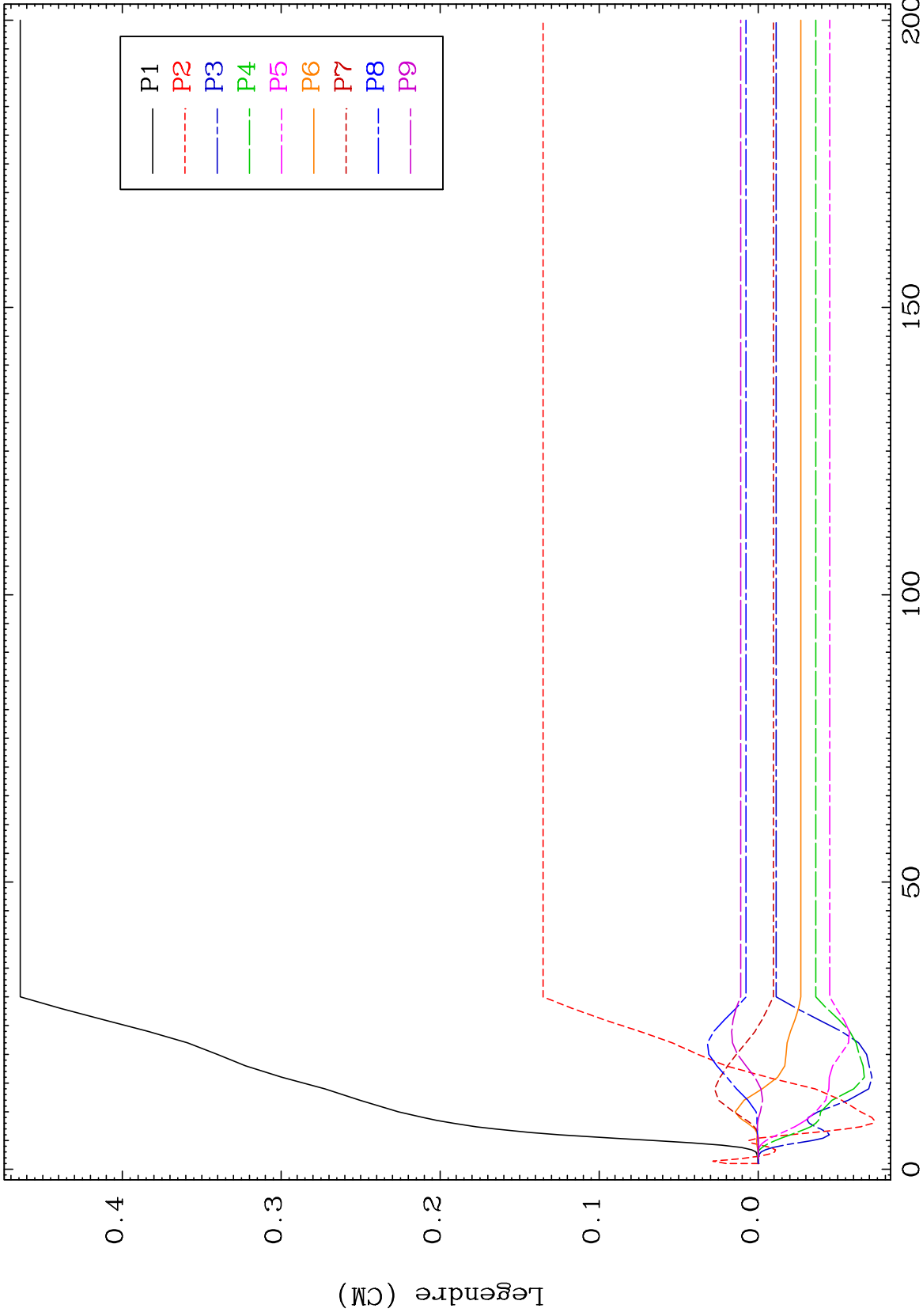


64 Incident Energy (MeV) 49-In-118

MAT 4940

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

49-In-118



65

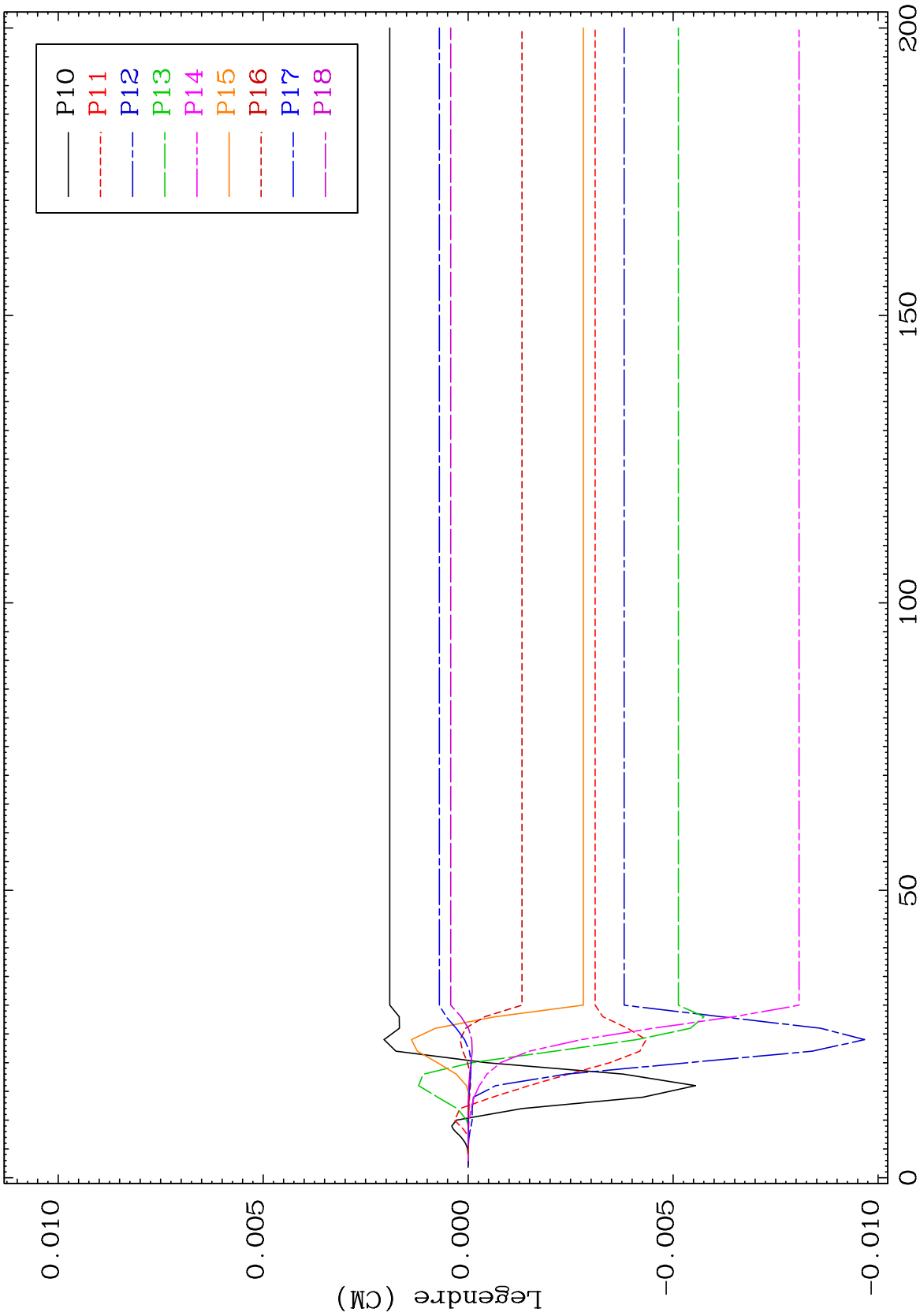
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



66

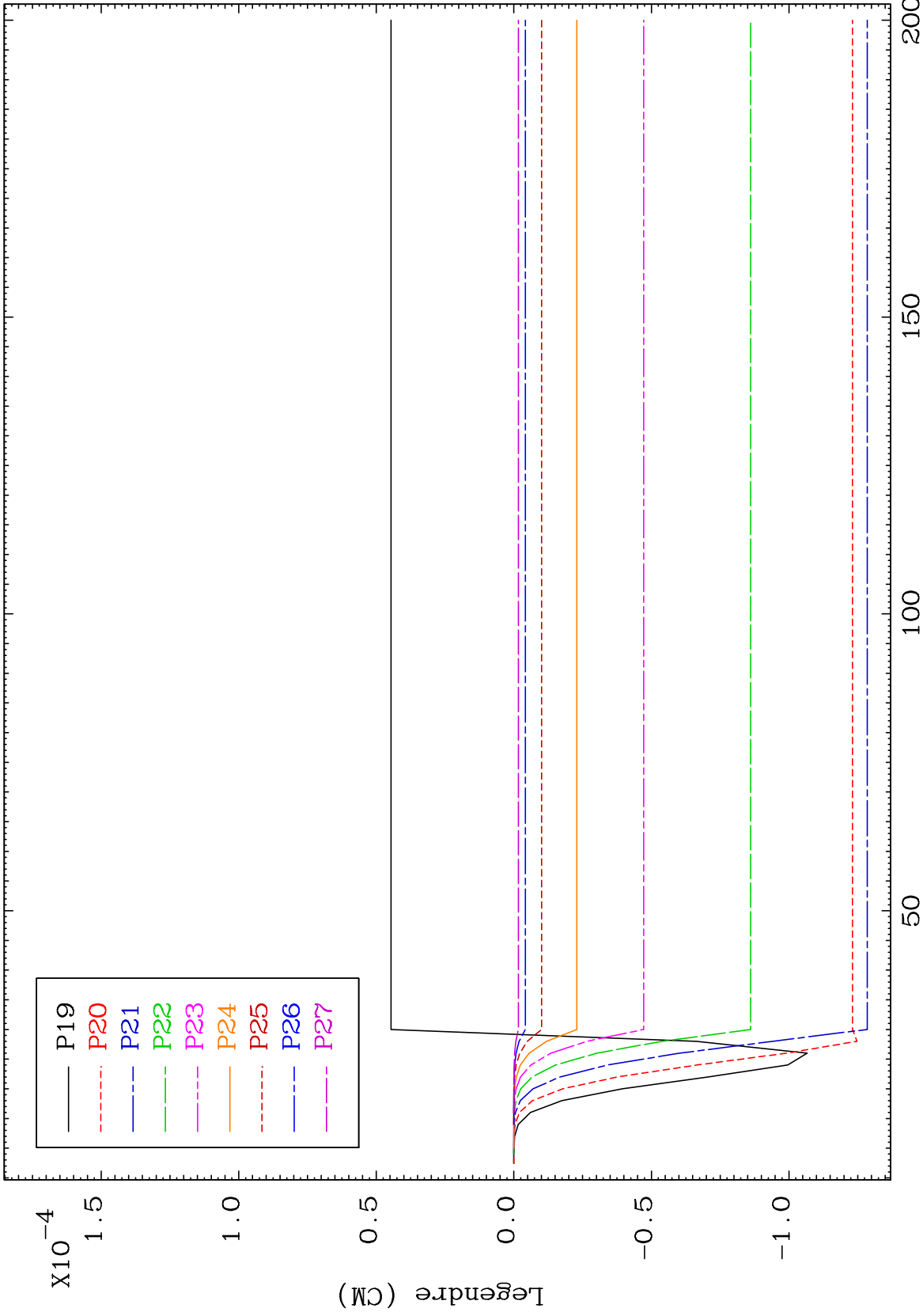
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



67

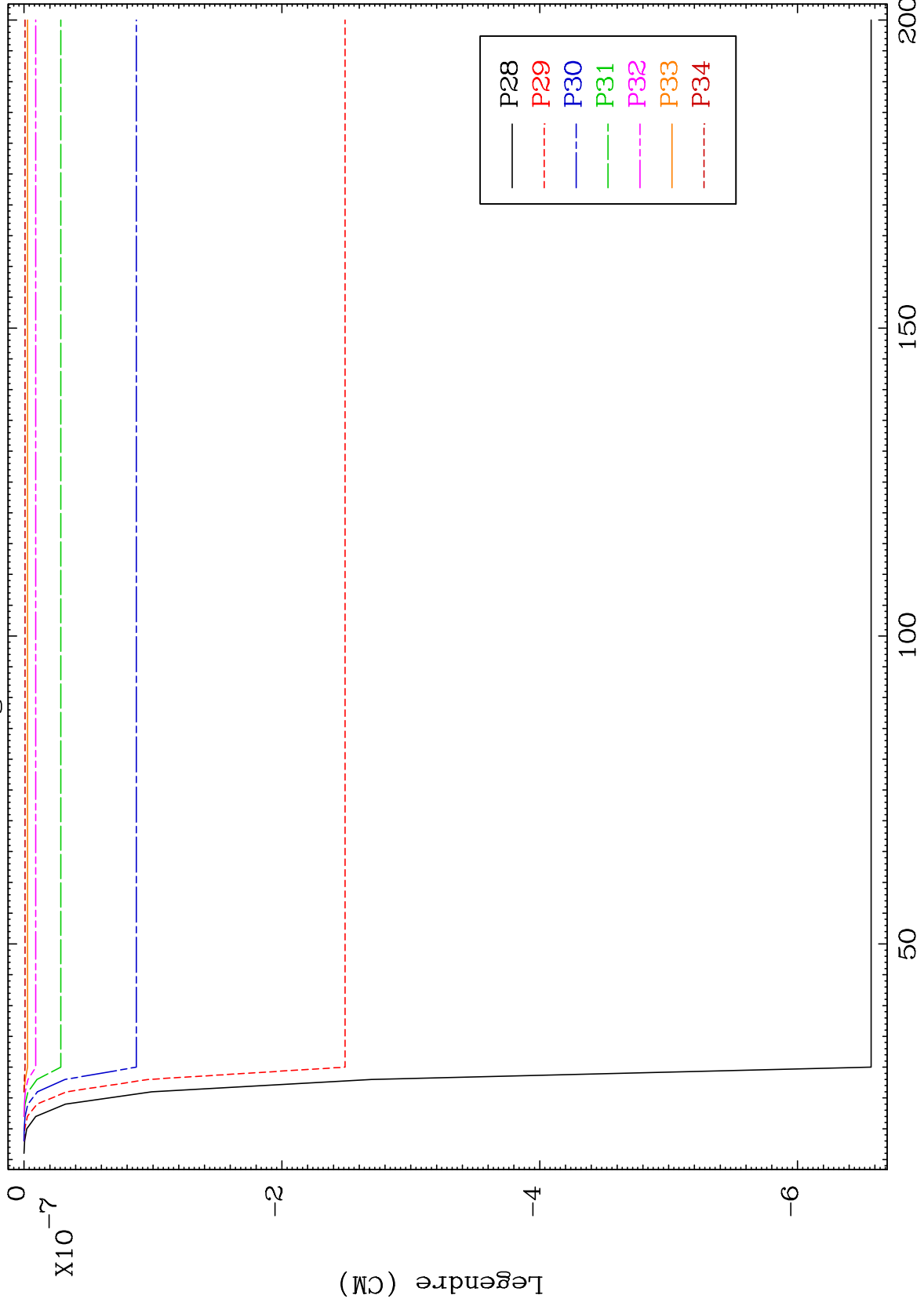
Incident Energy (MeV)

49-In-118

MAT 4940

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

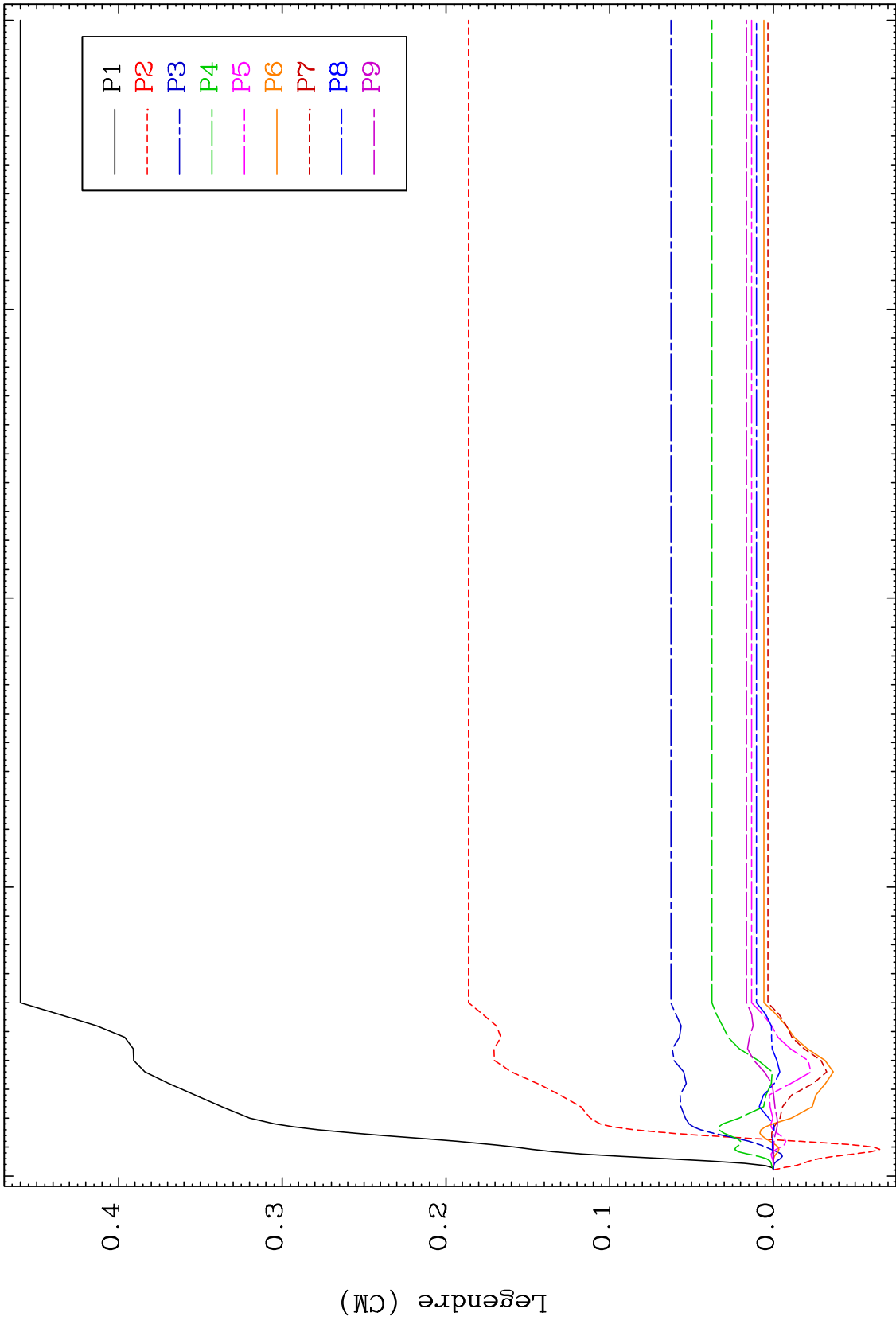
49-In-118



68

49-In-118

MAT 4940 MT= 66 (n,n') Level Legendre Coefficients 49-In-118

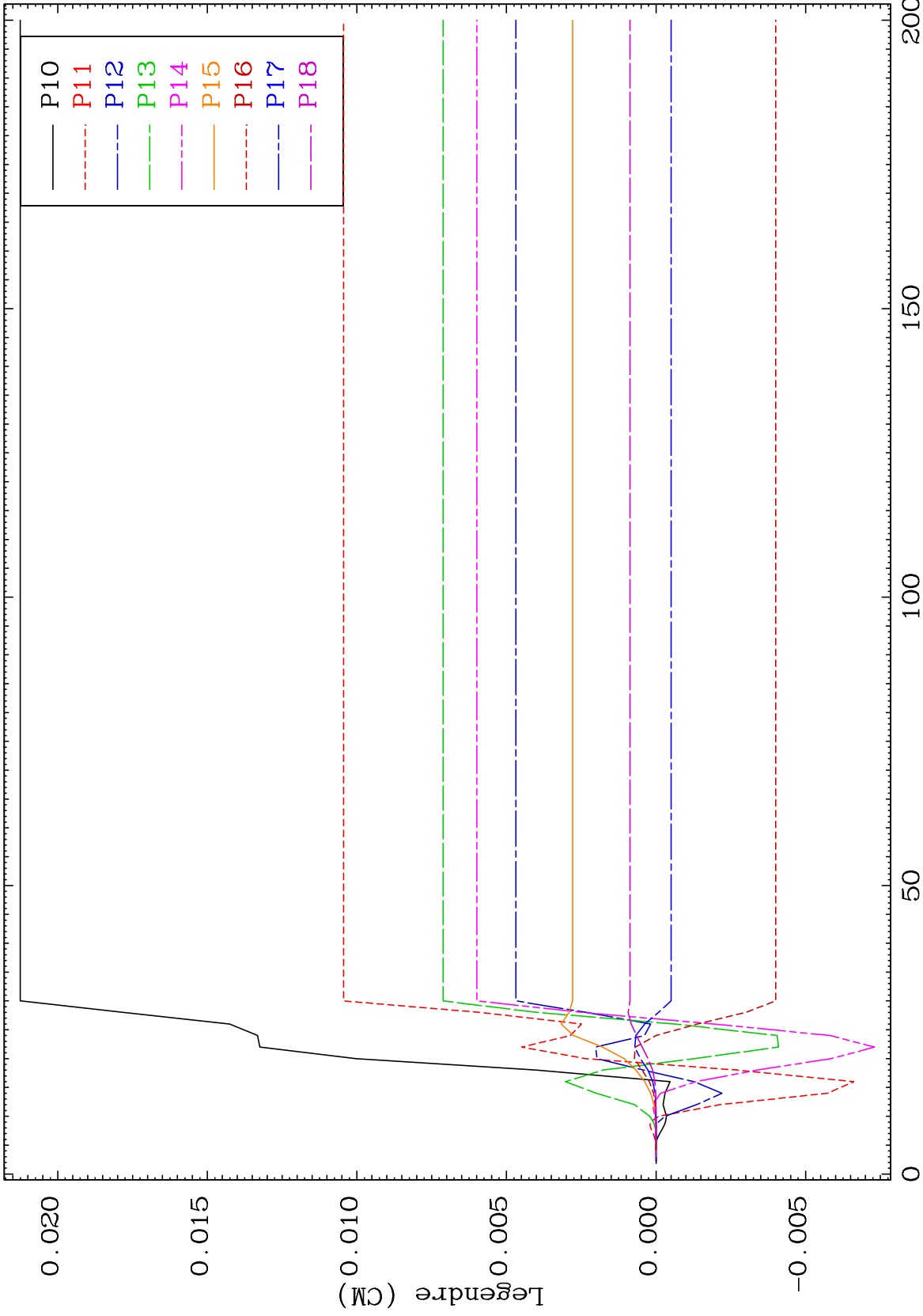


69 49-In-118

MAT 4940

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

49-In-118



70

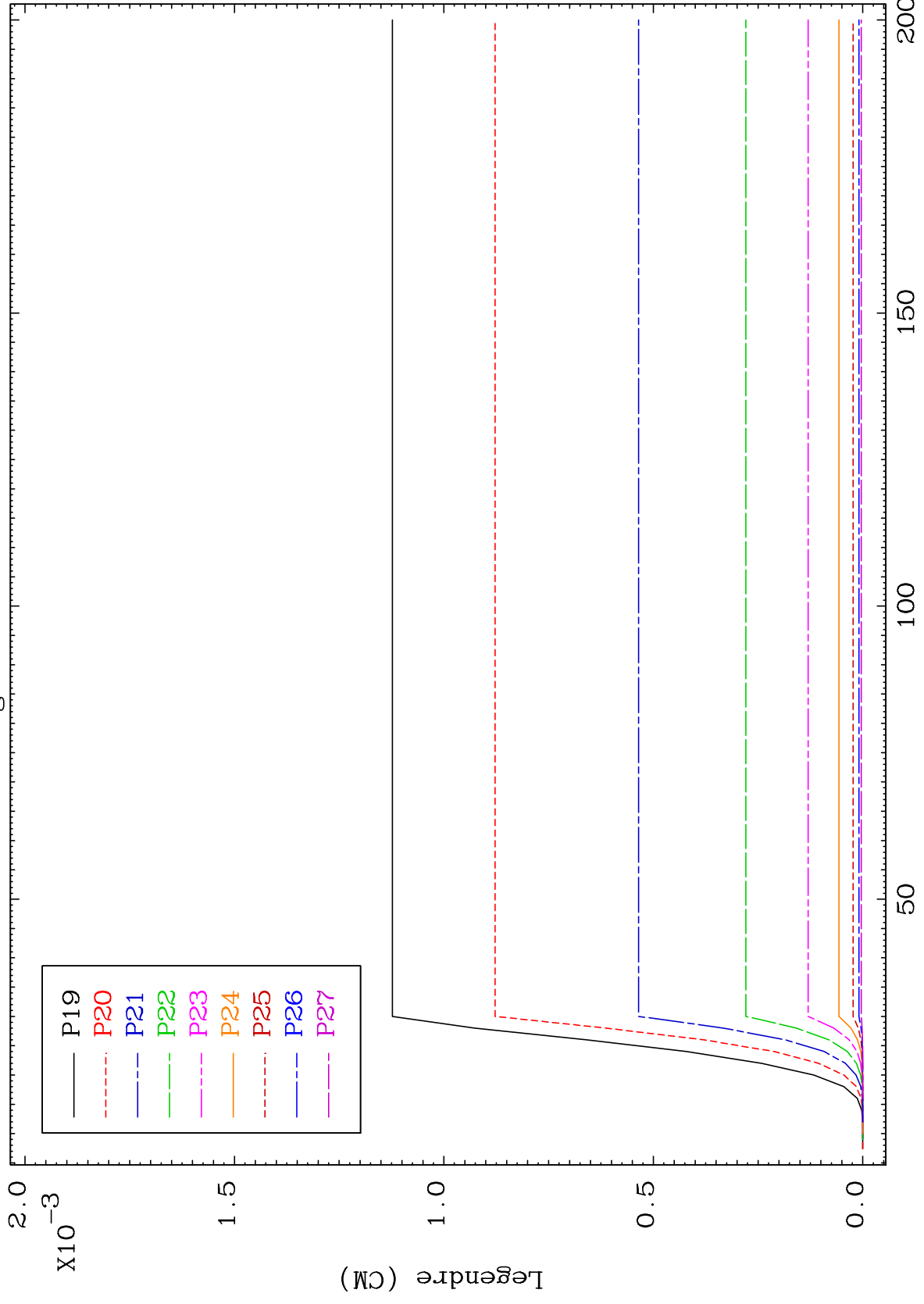
Incident Energy (MeV)

49-In-118

MAT 4940

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

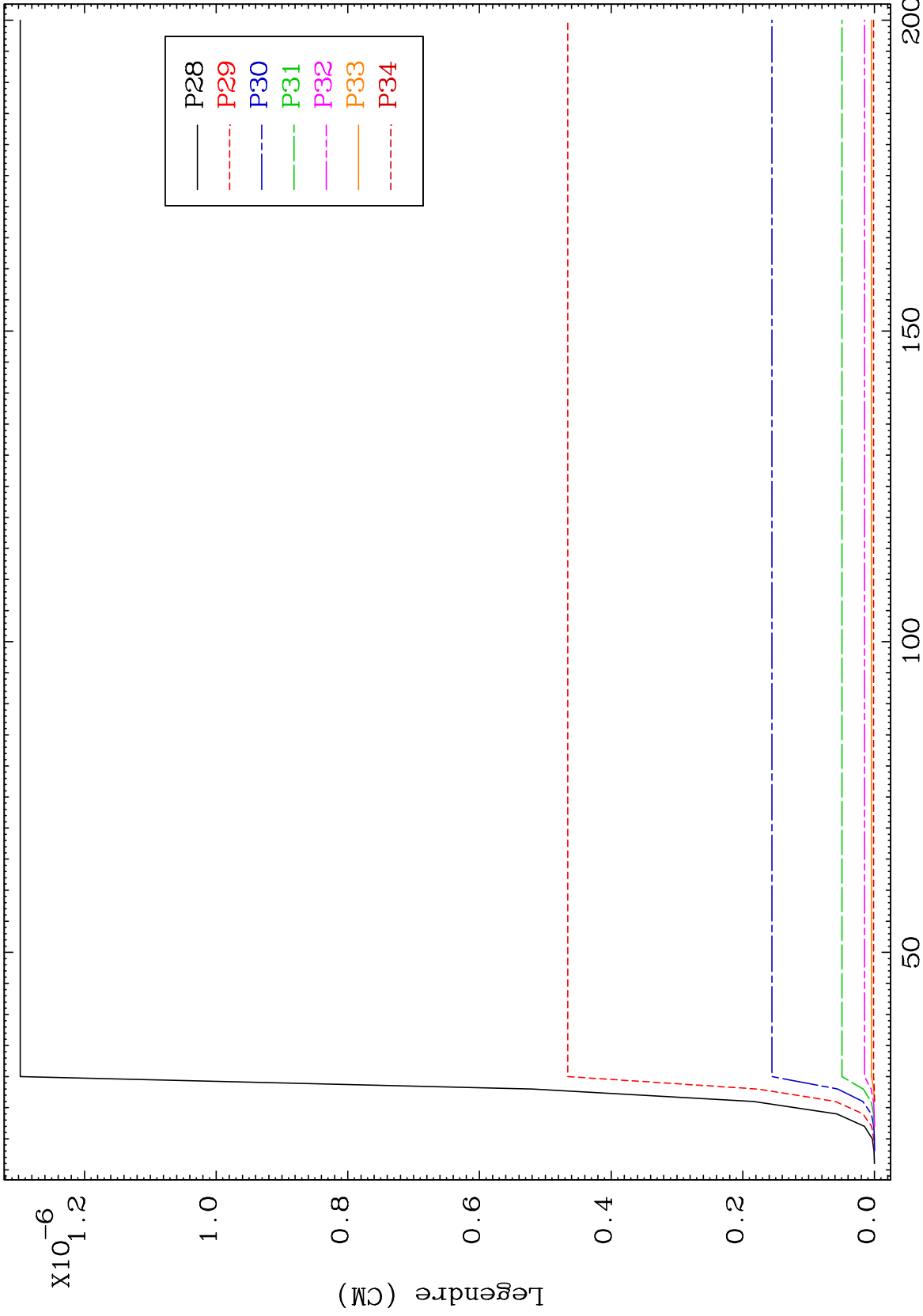
49-In-118



MAT 4940

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

49-In-118



72

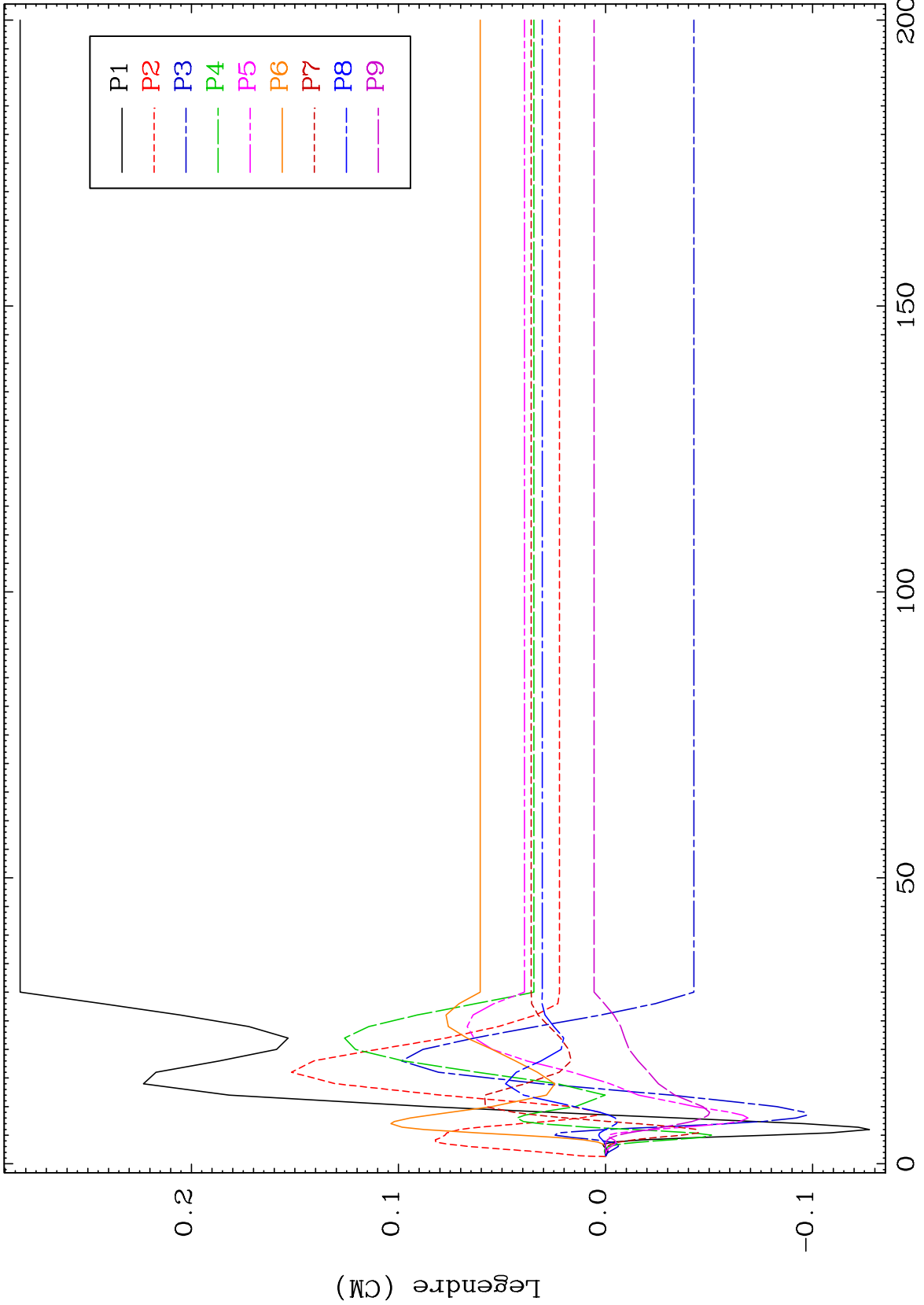
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



73

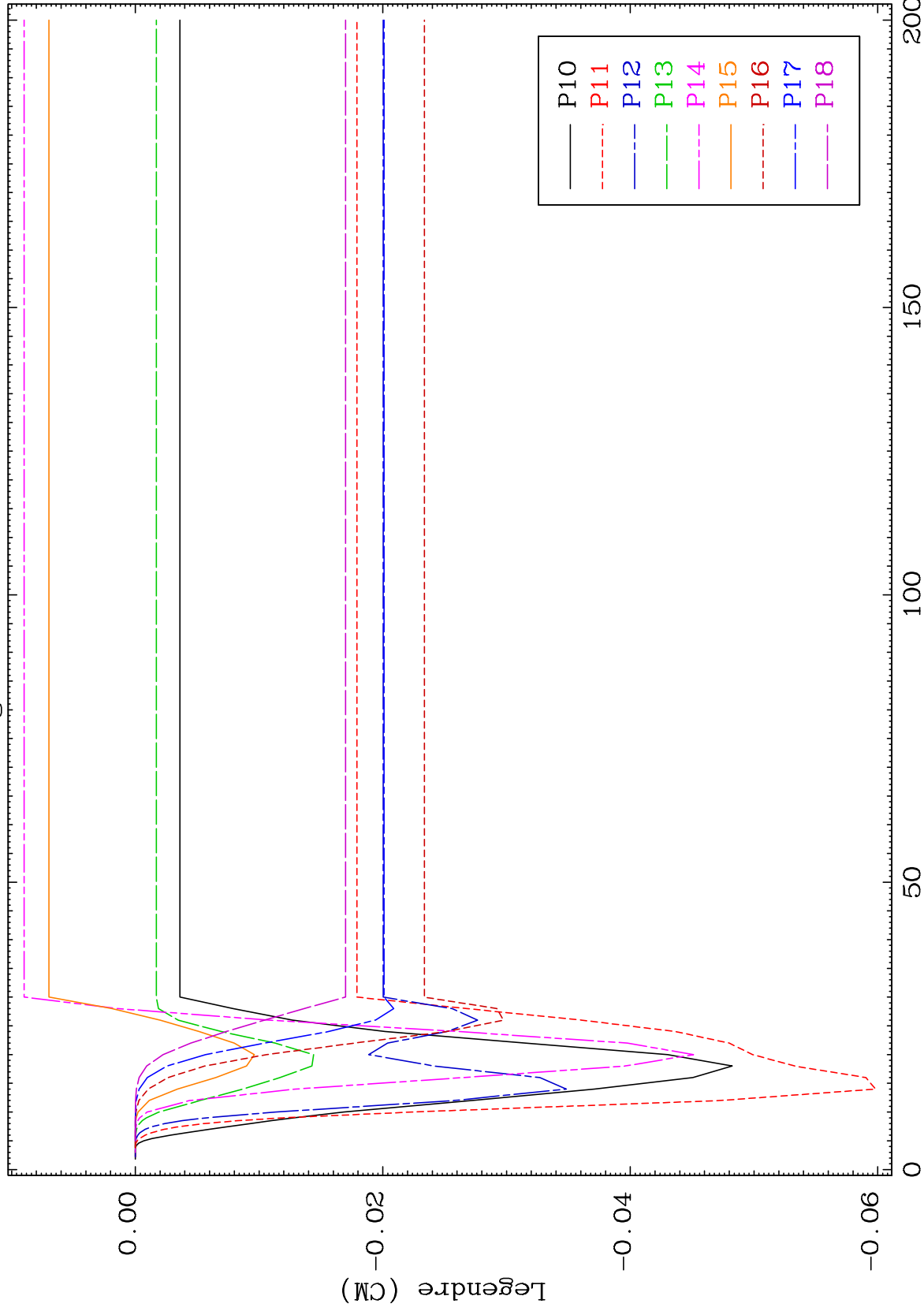
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



74

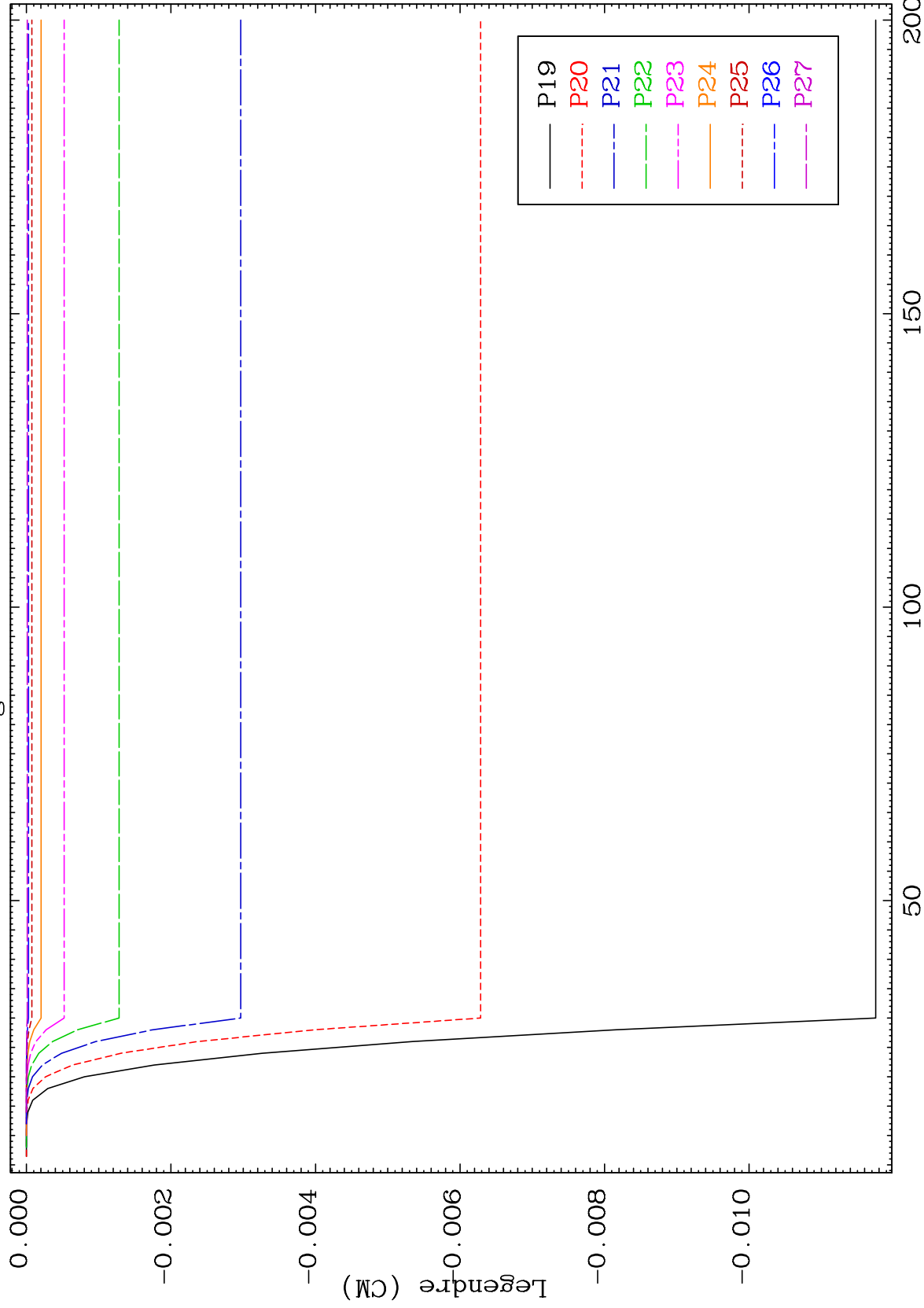
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



75

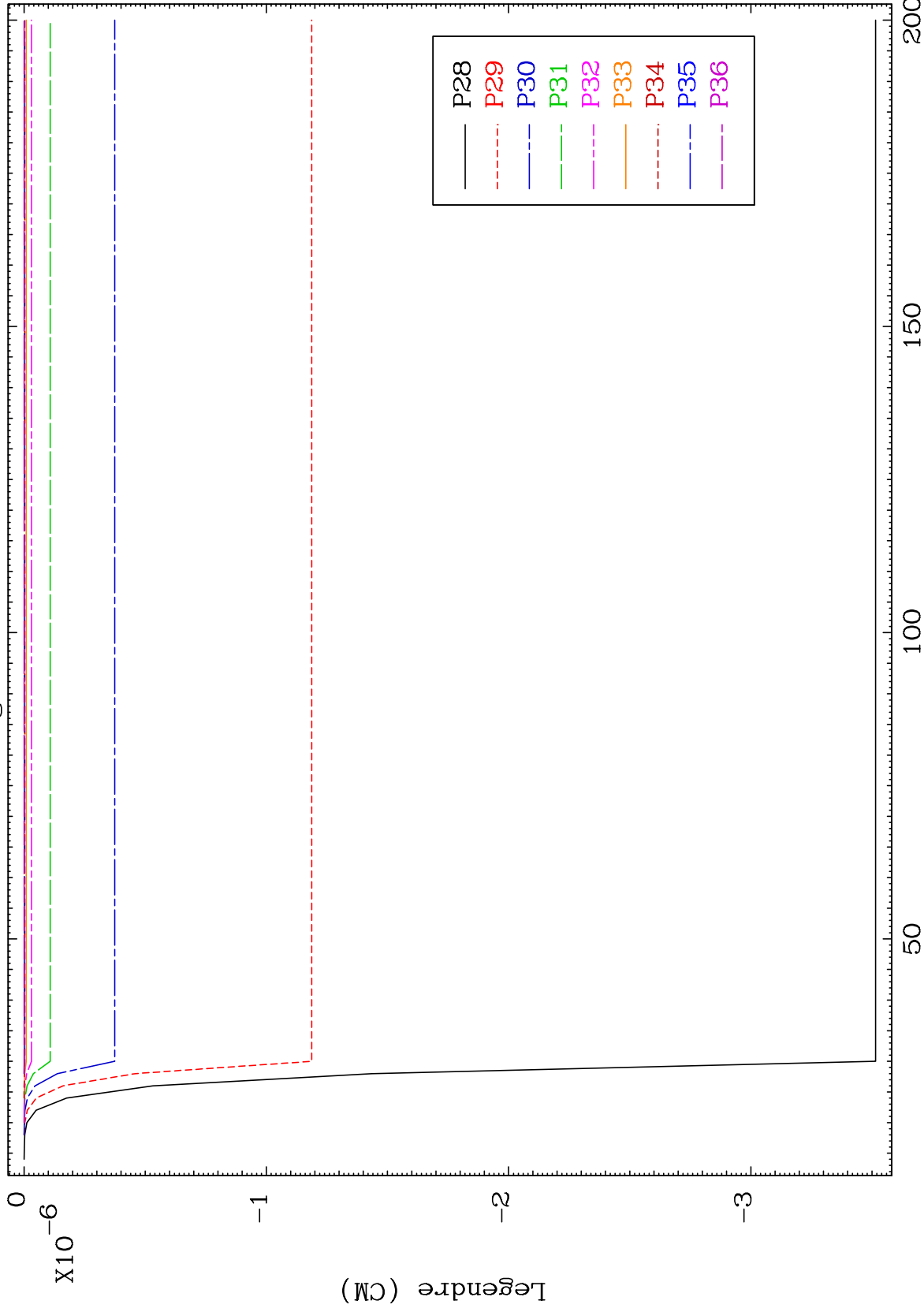
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



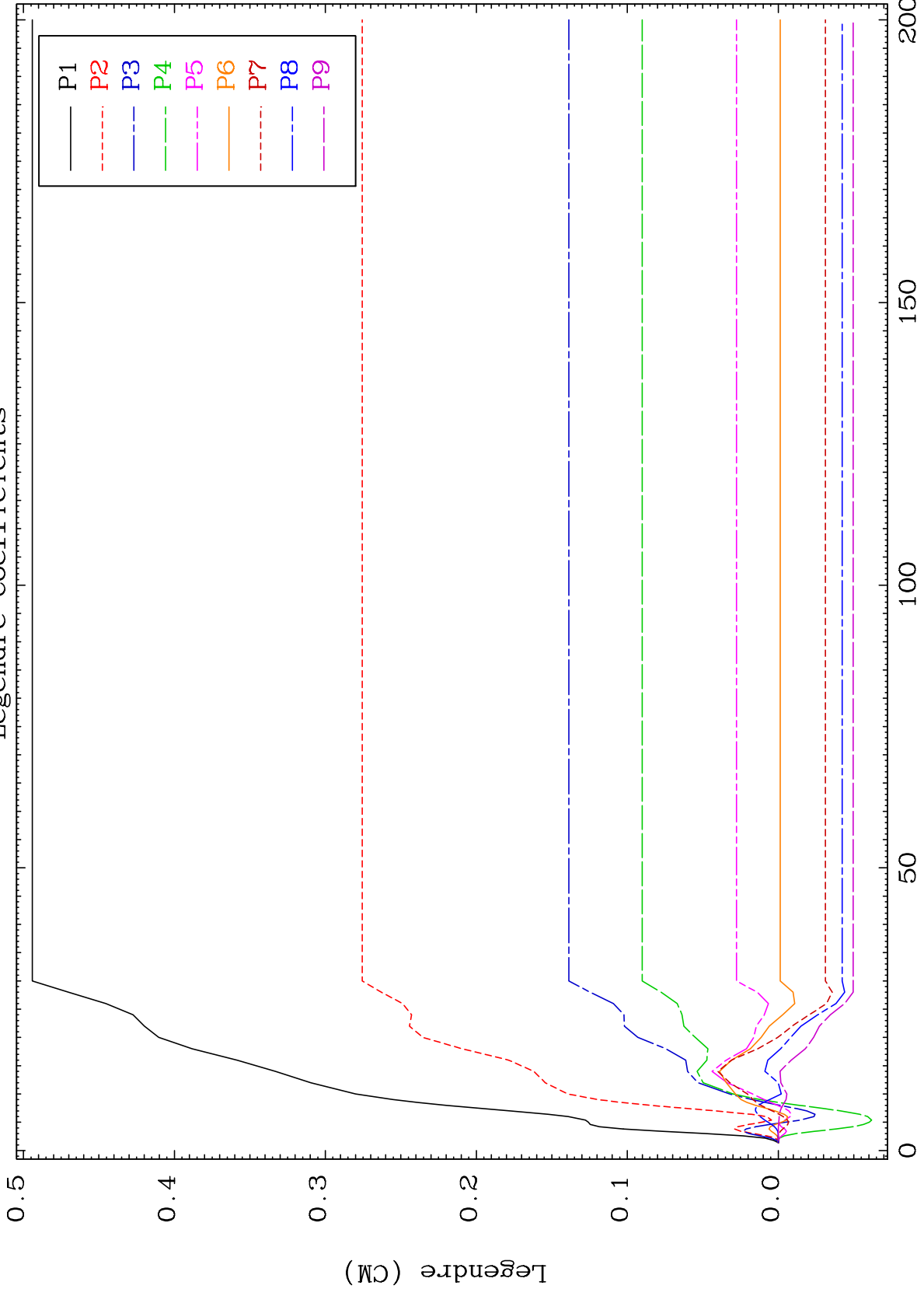
76

49-In-118

MAT 4940

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

49-In-118



49-In-118

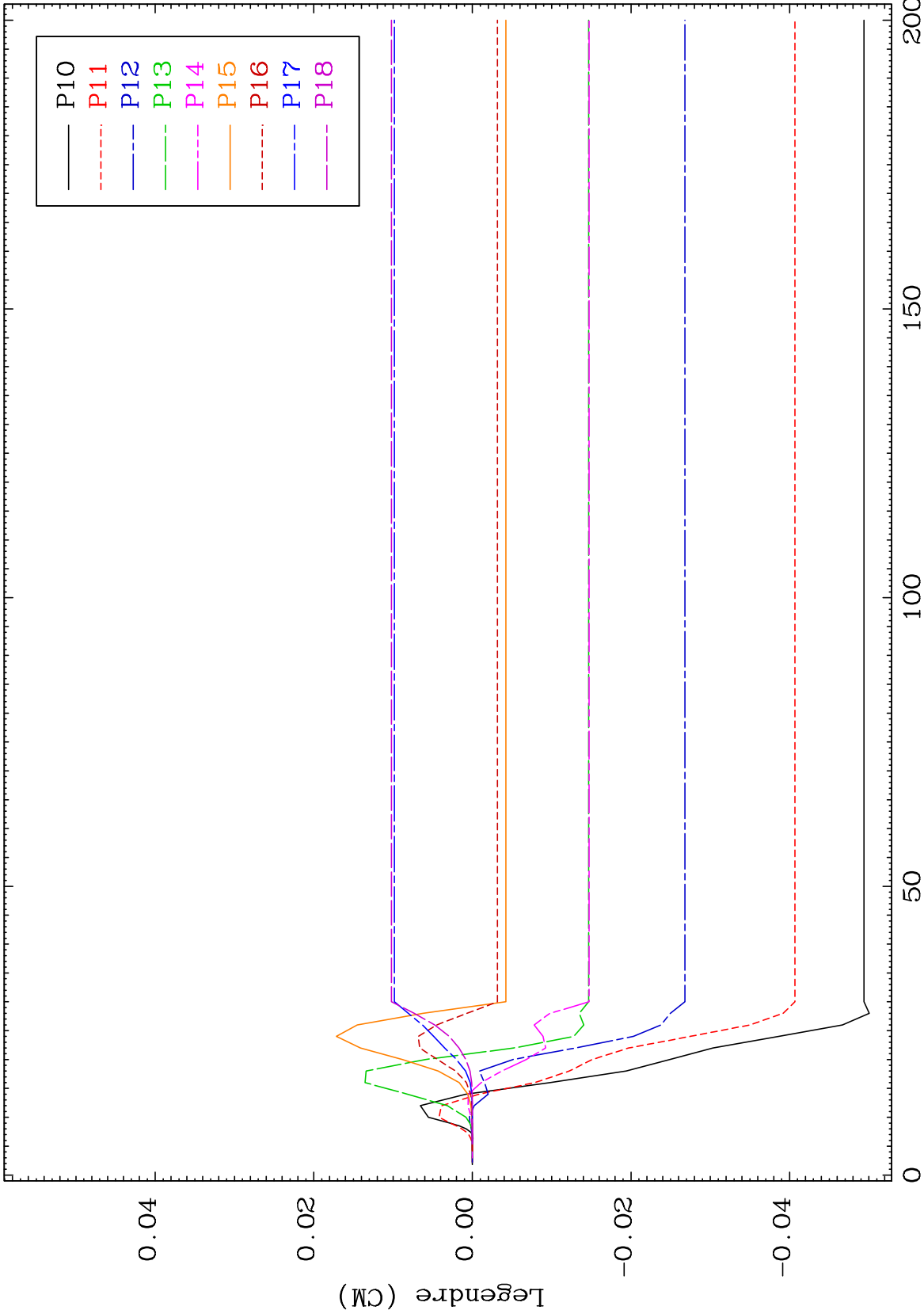
Incident Energy (MeV)

77

MAT 4940

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

49-In-118



78

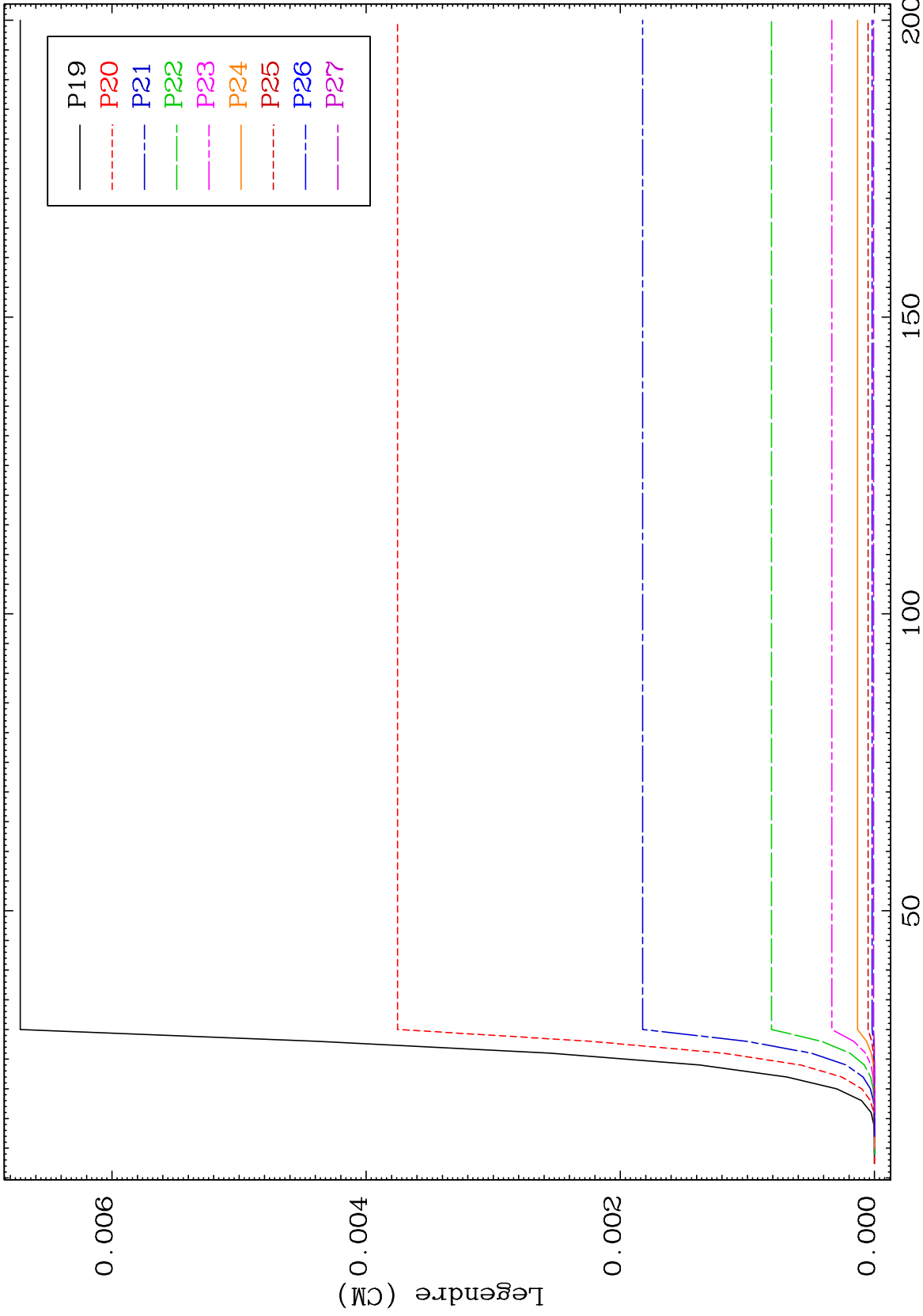
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



79

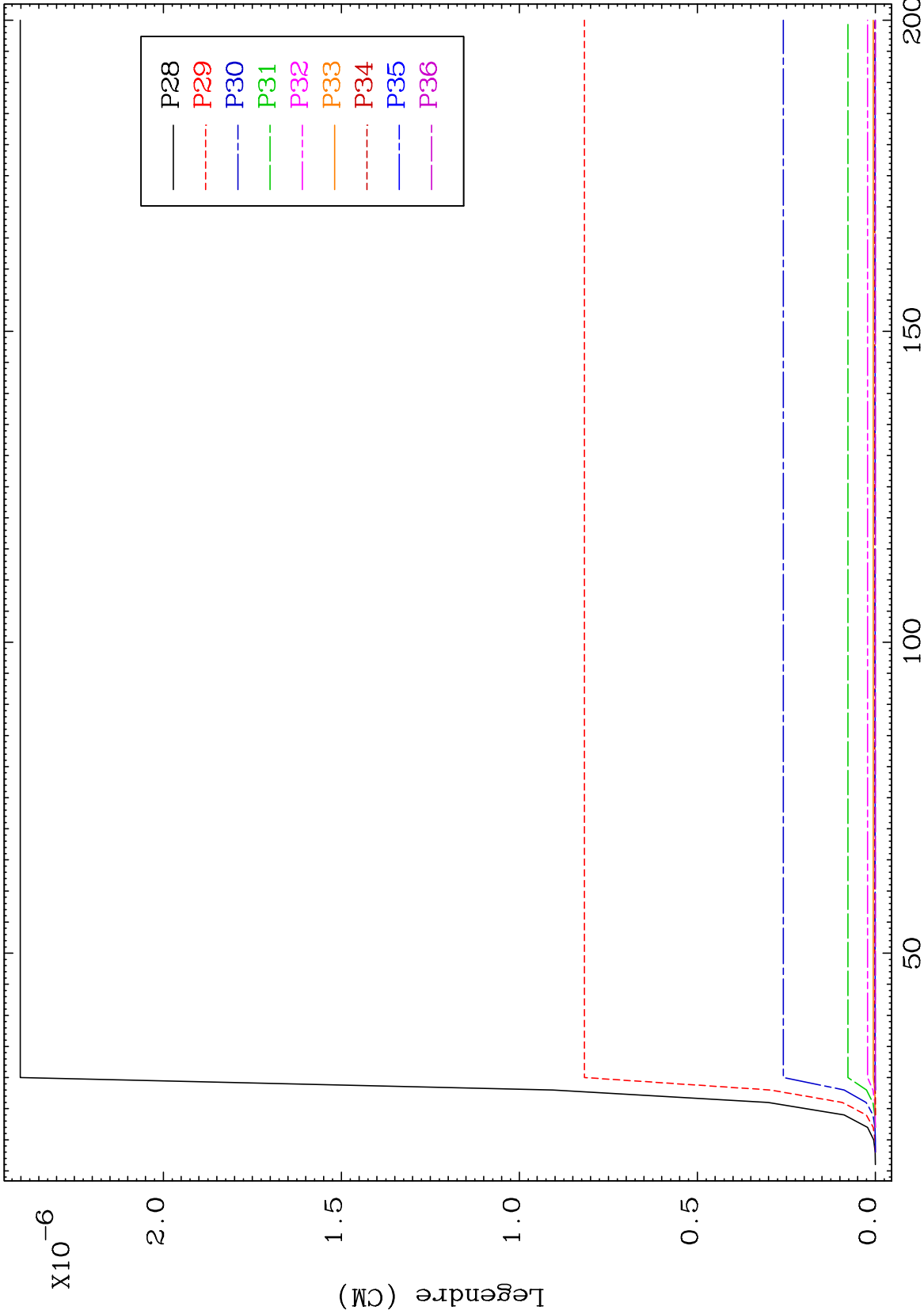
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

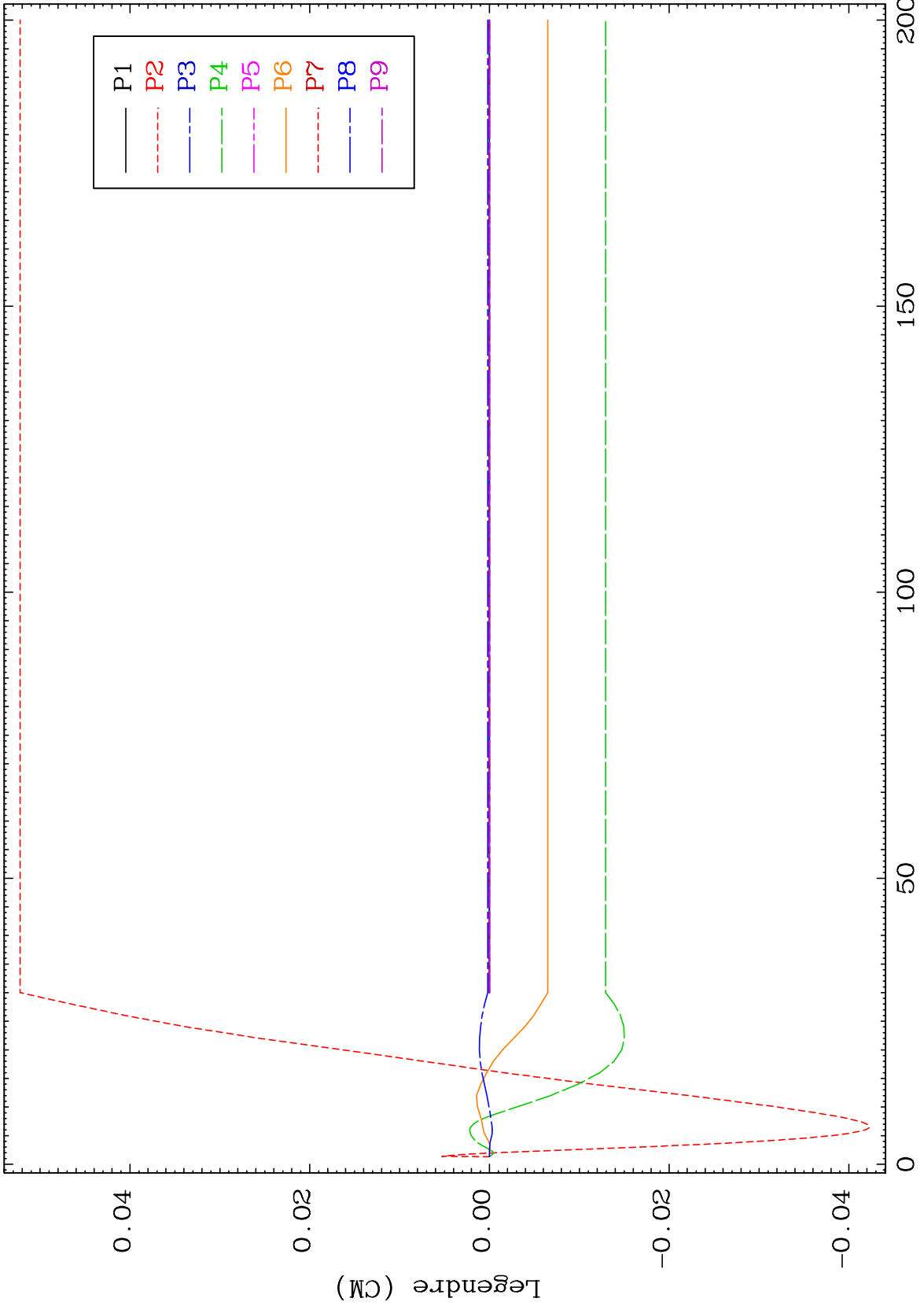


80

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 69 (n,n') Level Legendre Coefficients 49-In-118

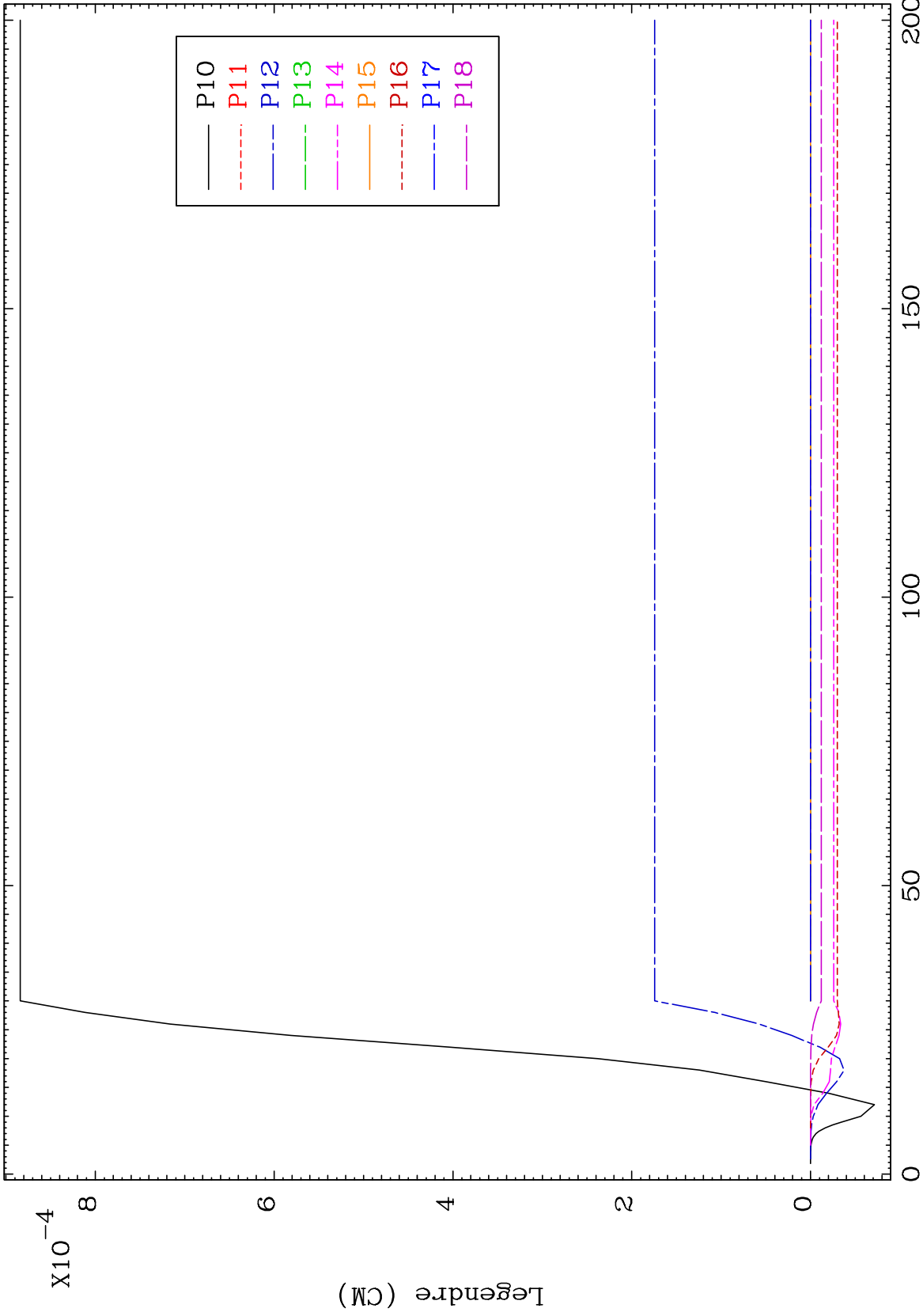


81 Incident Energy (MeV) 49-In-118

MAT 4940

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

49-In-118



82

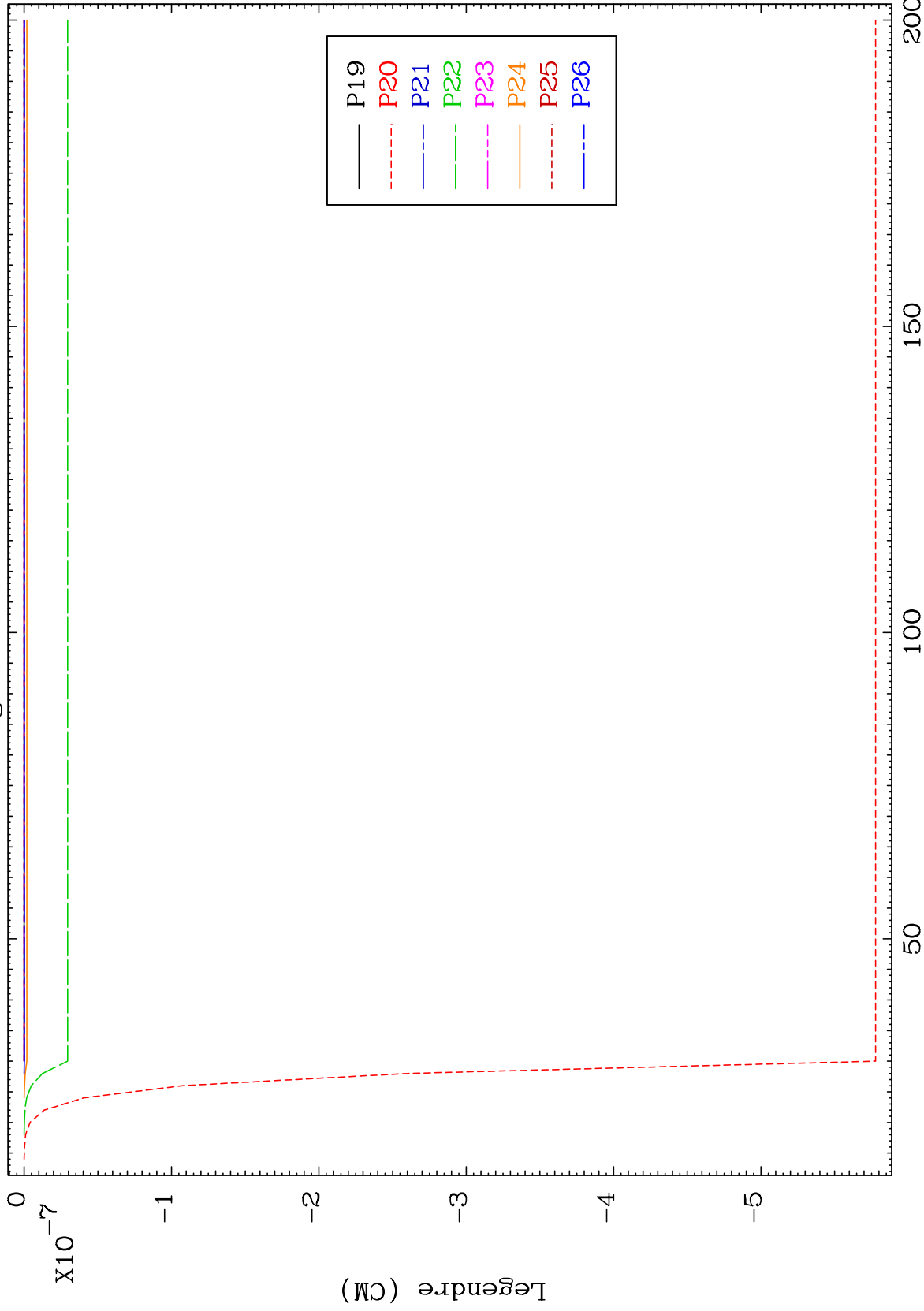
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



83

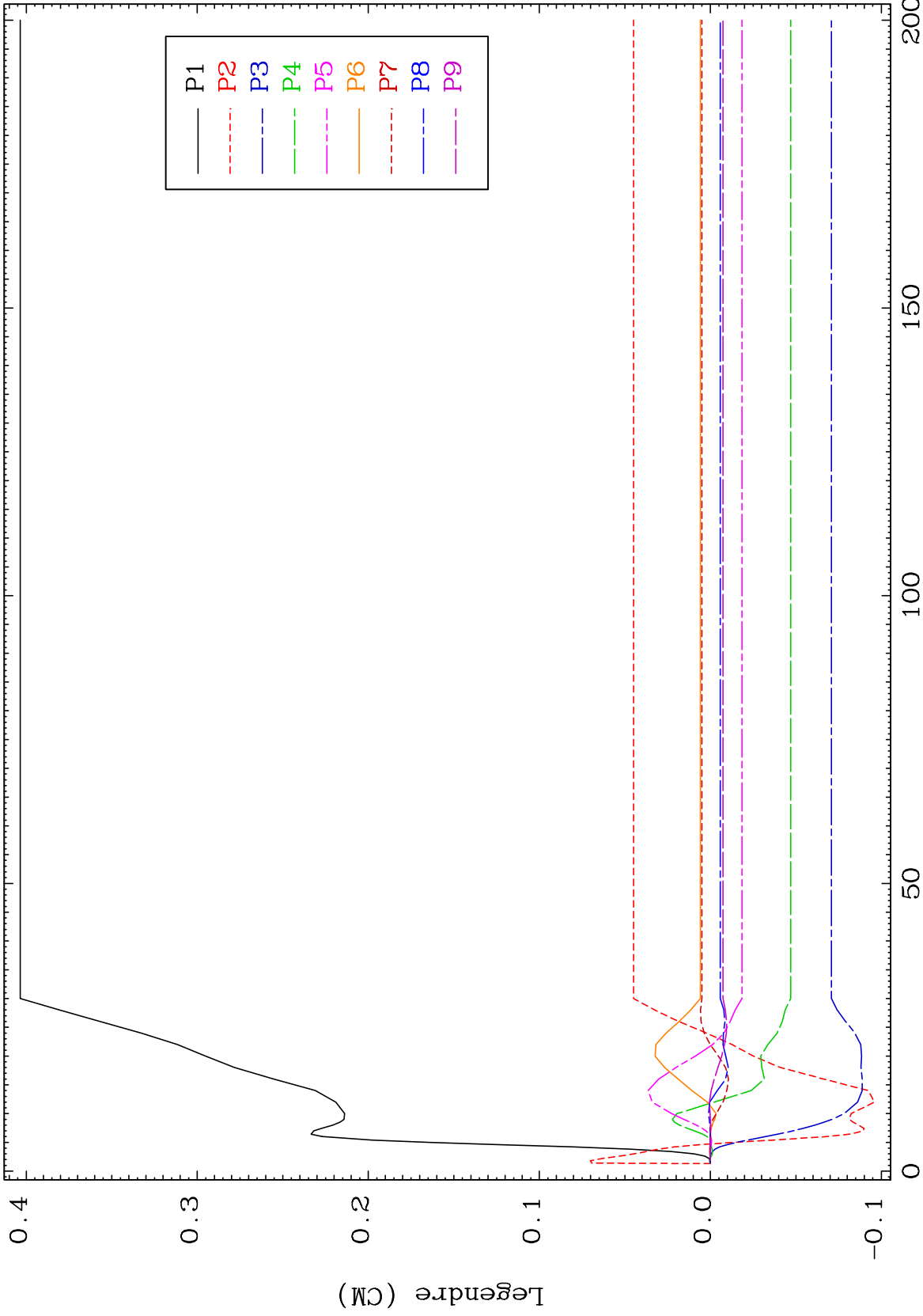
Incident Energy (MeV)

49-In-118

MAT 4940

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

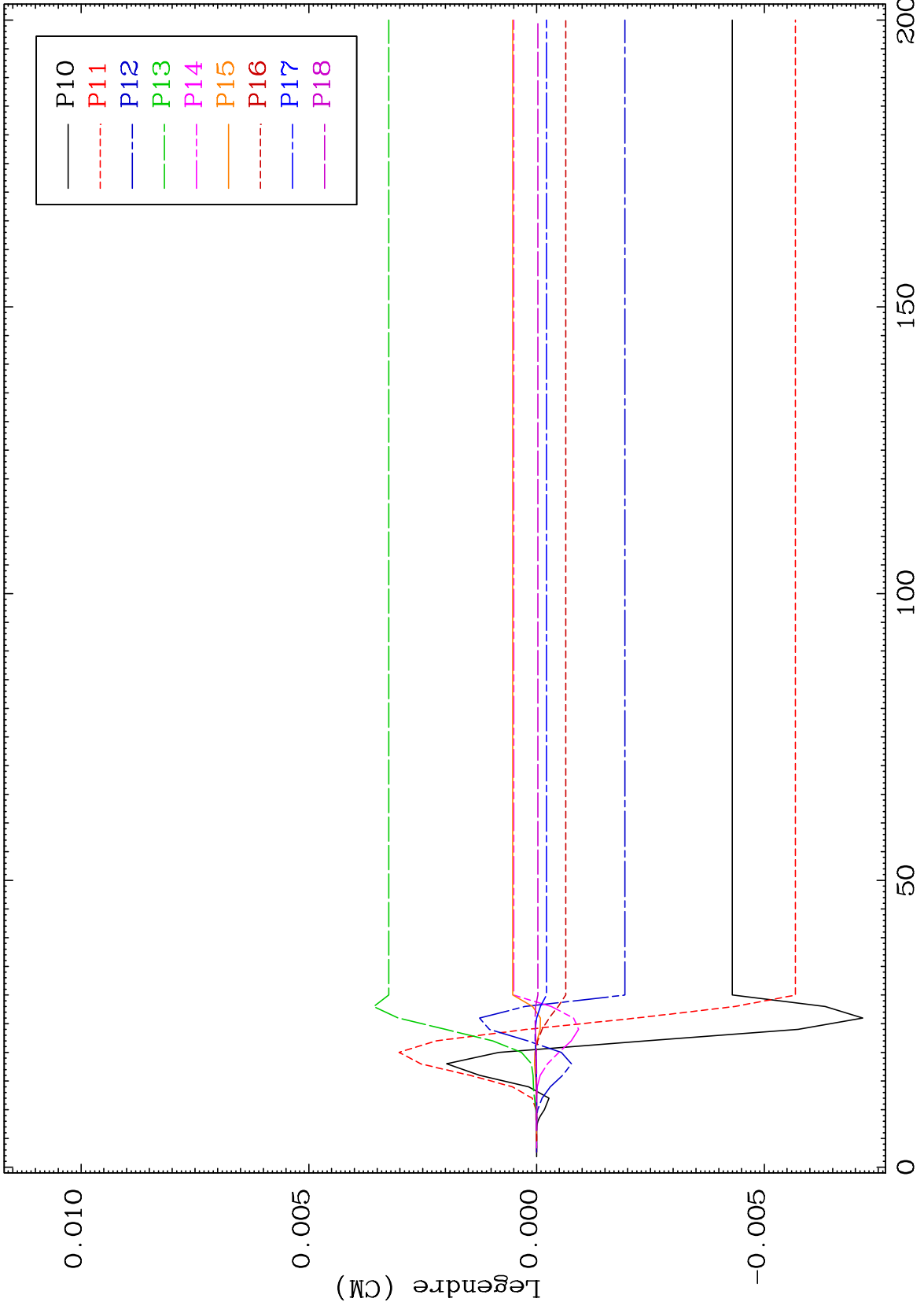
49-In-118



MAT 4940

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

49-In-118



85

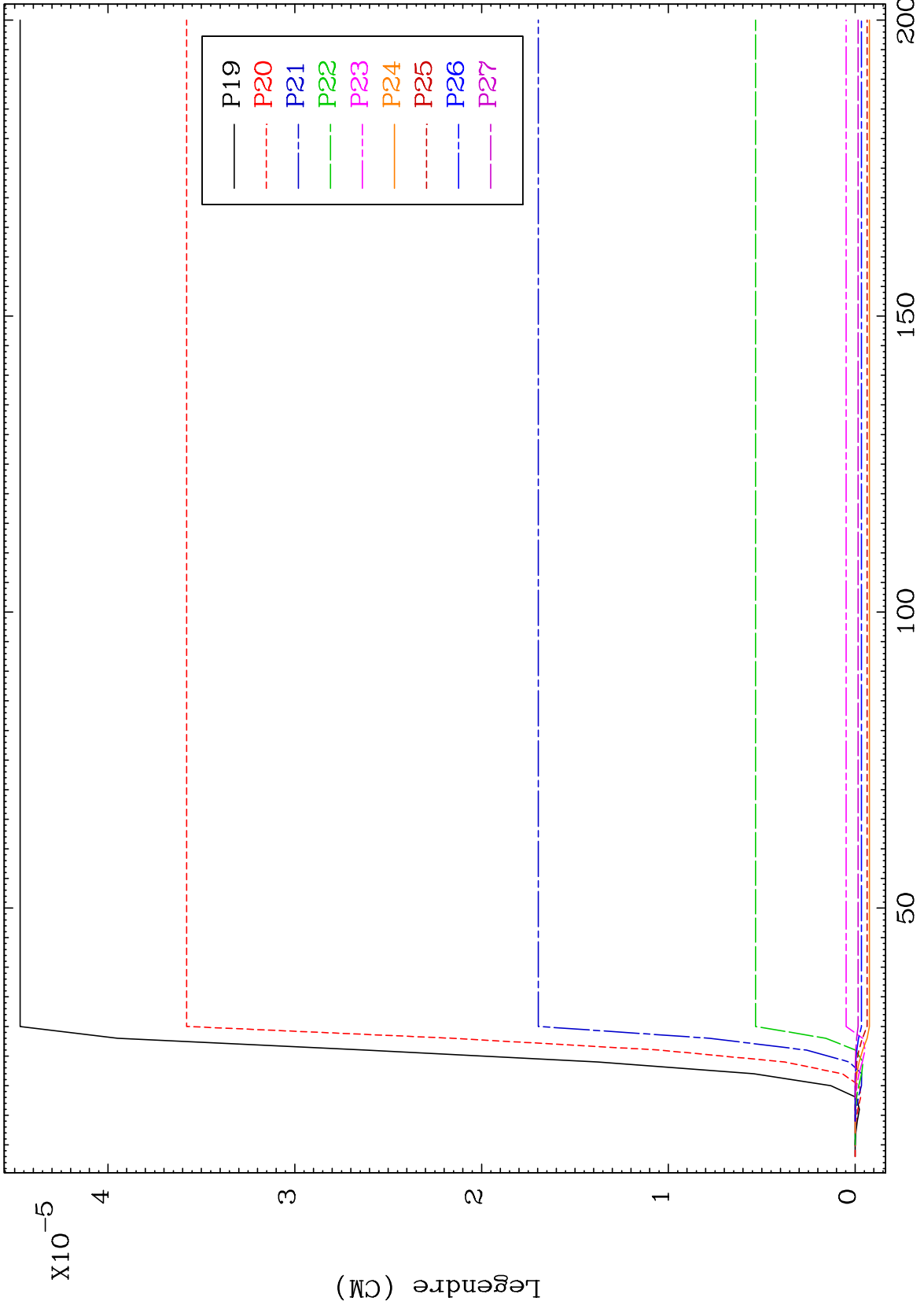
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



86

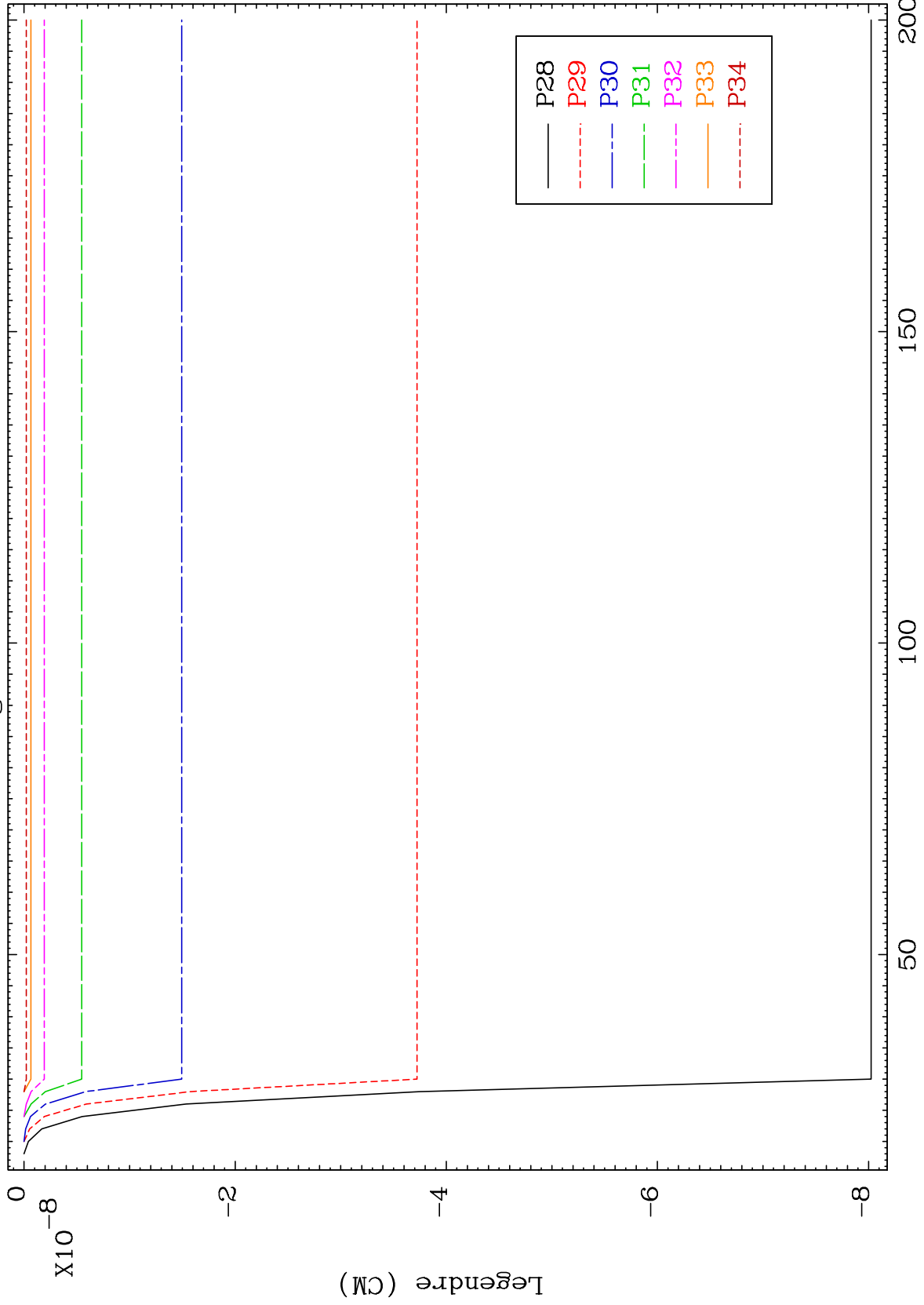
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



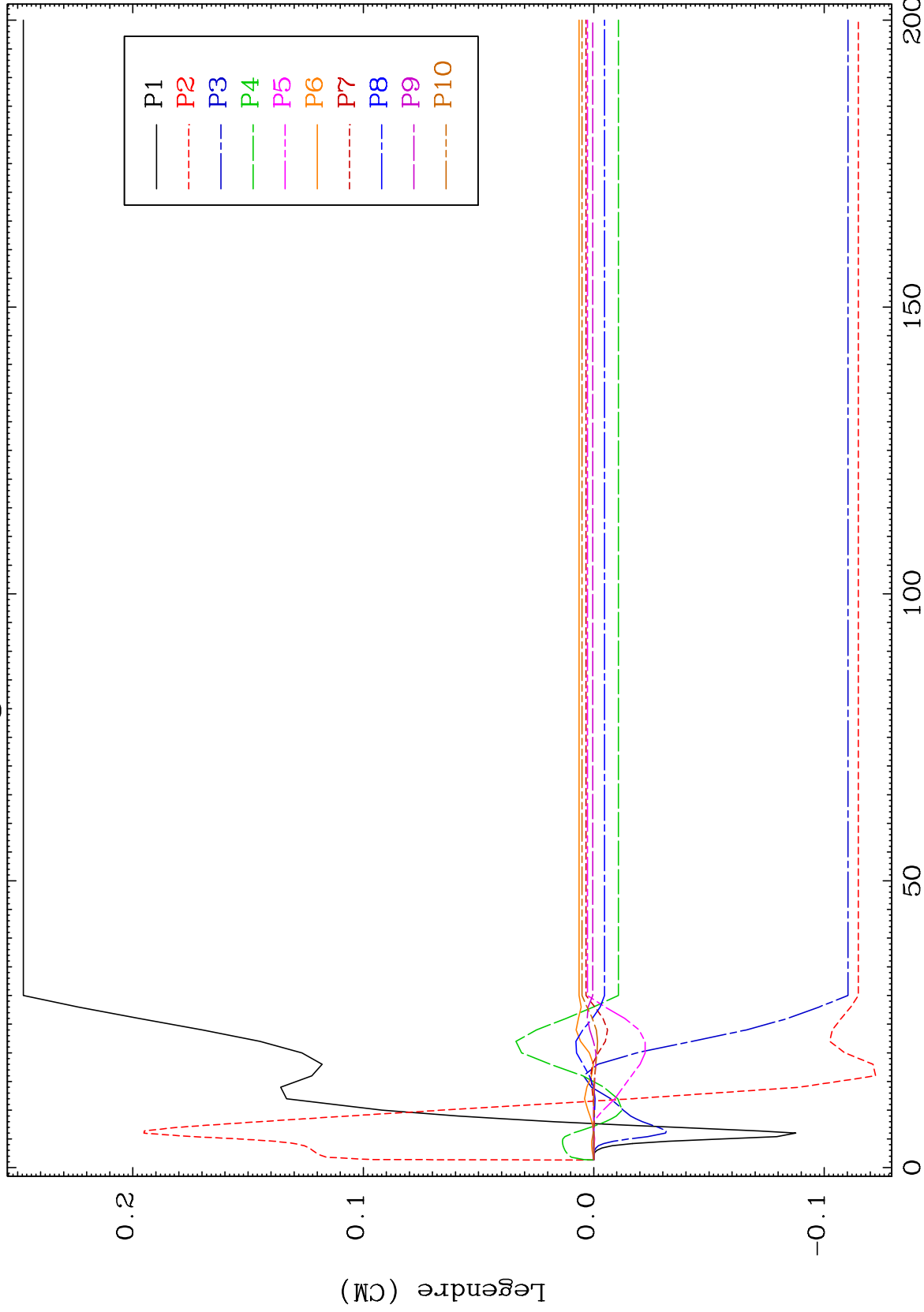
87

49-In-118

MAT 4940

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

49-In-118



88

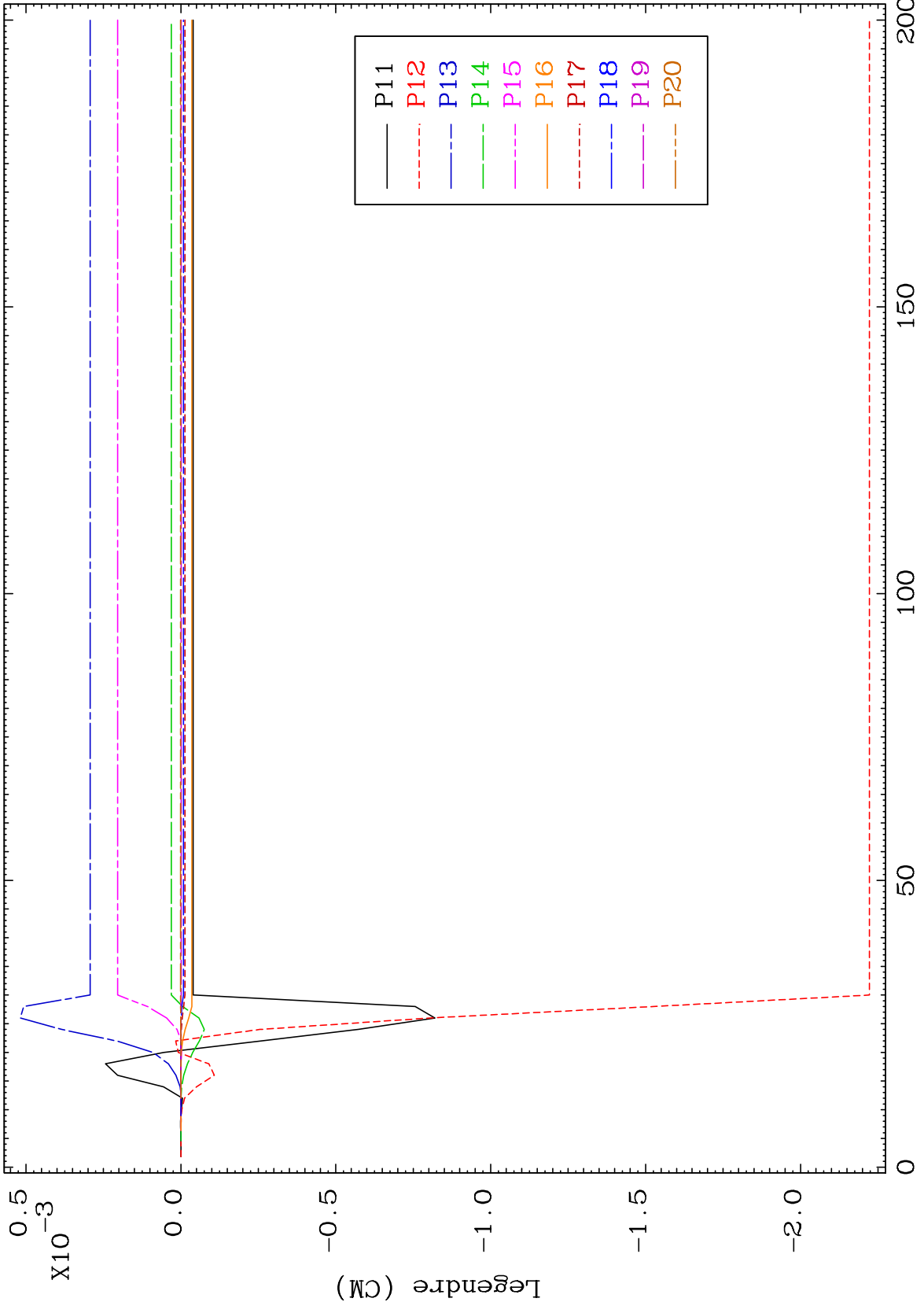
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



89

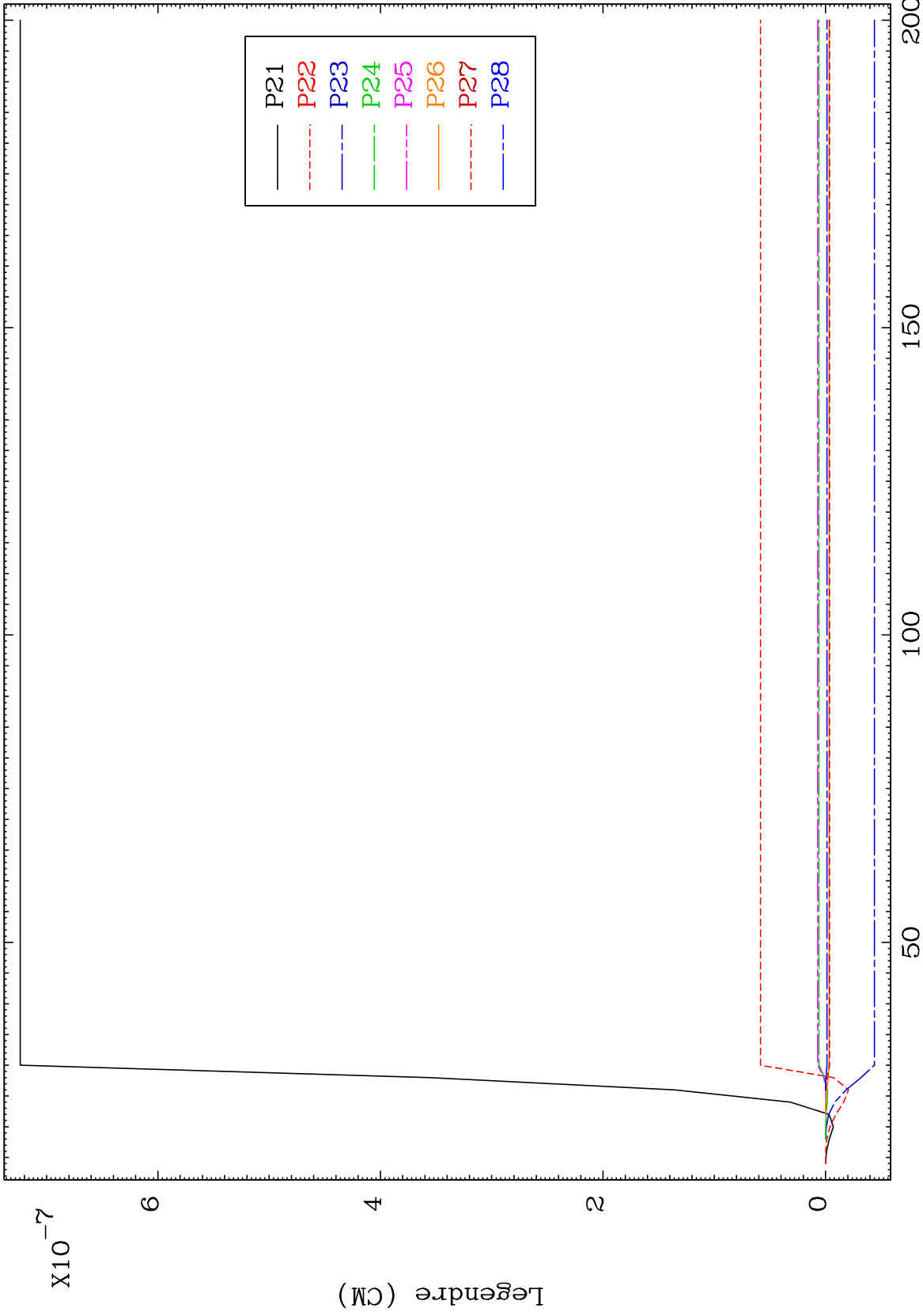
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

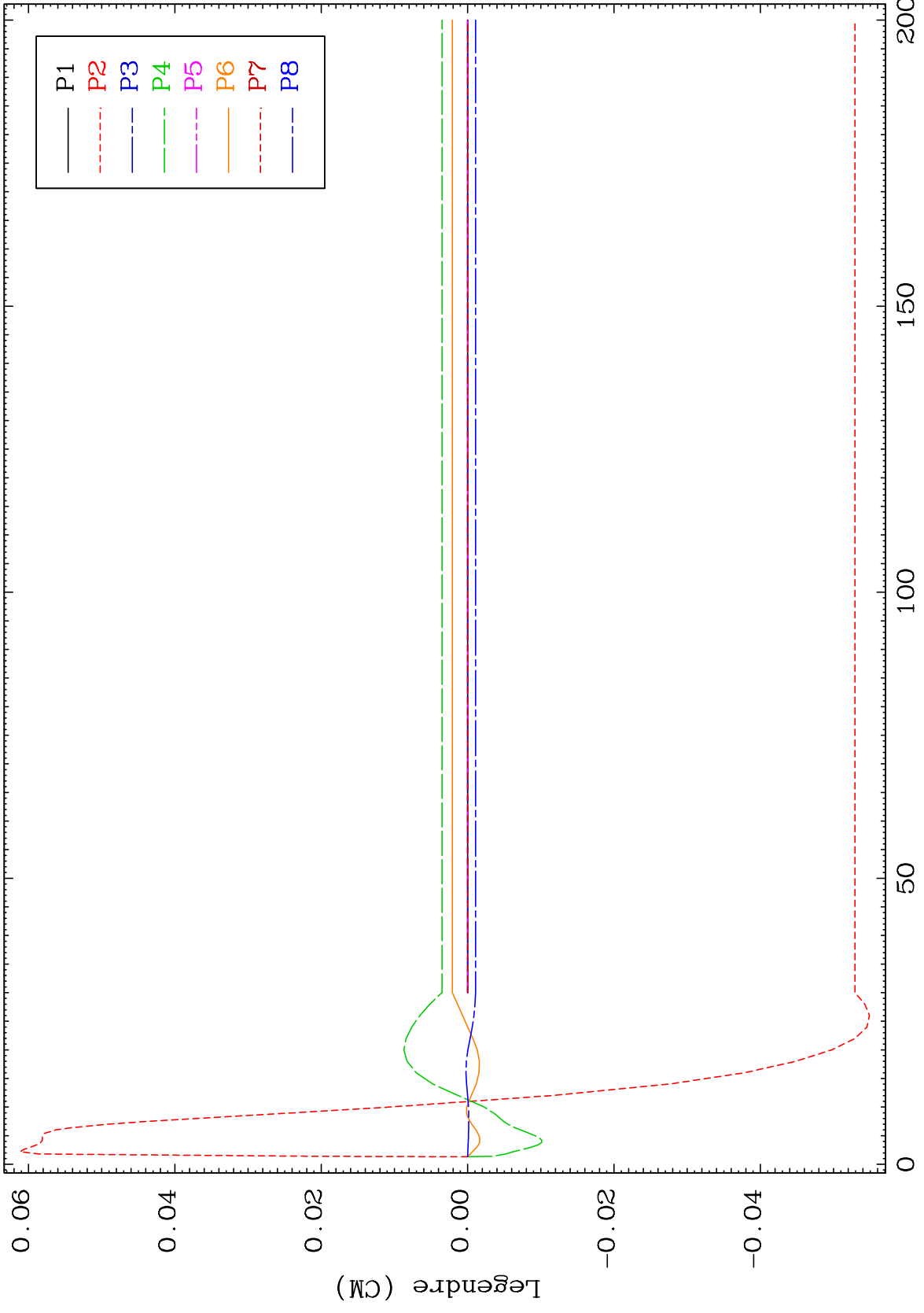


90

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 72 (n,n') Level Legendre Coefficients 49-In-118

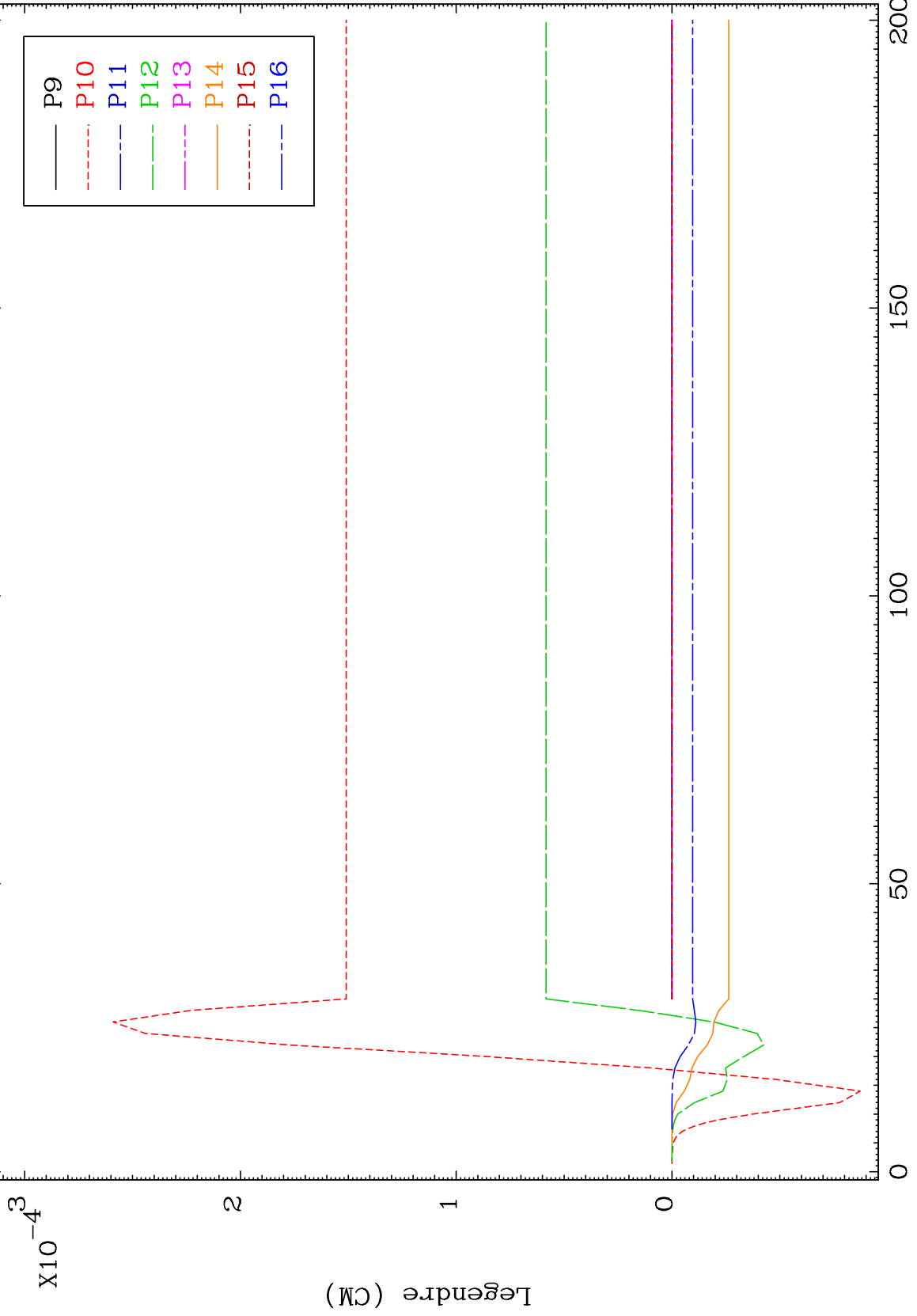


91 49-In-118

MAT 4940

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

49-In-118



92

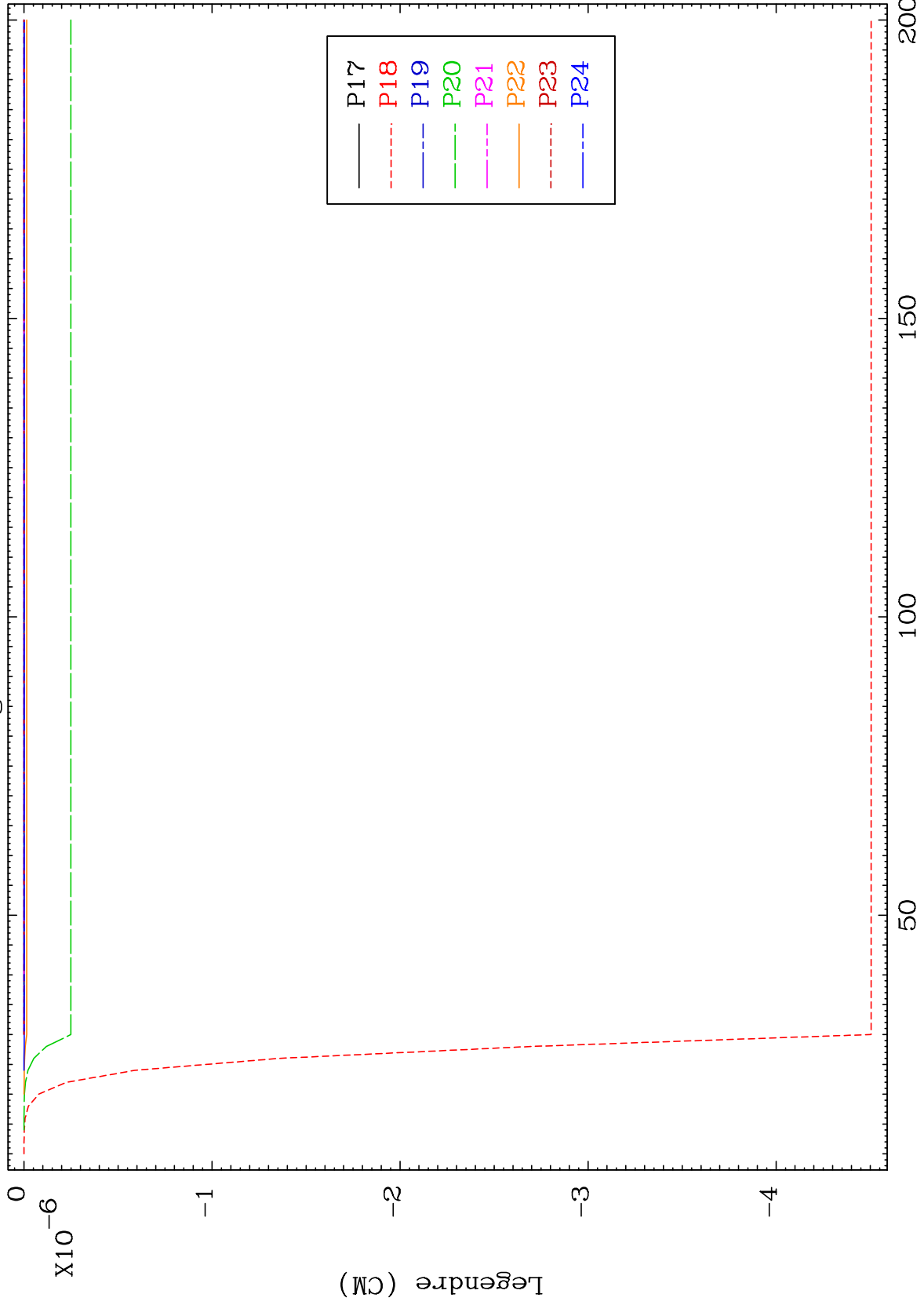
49-In-118

49-In-118

MAT 4940

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

49-In-118



93

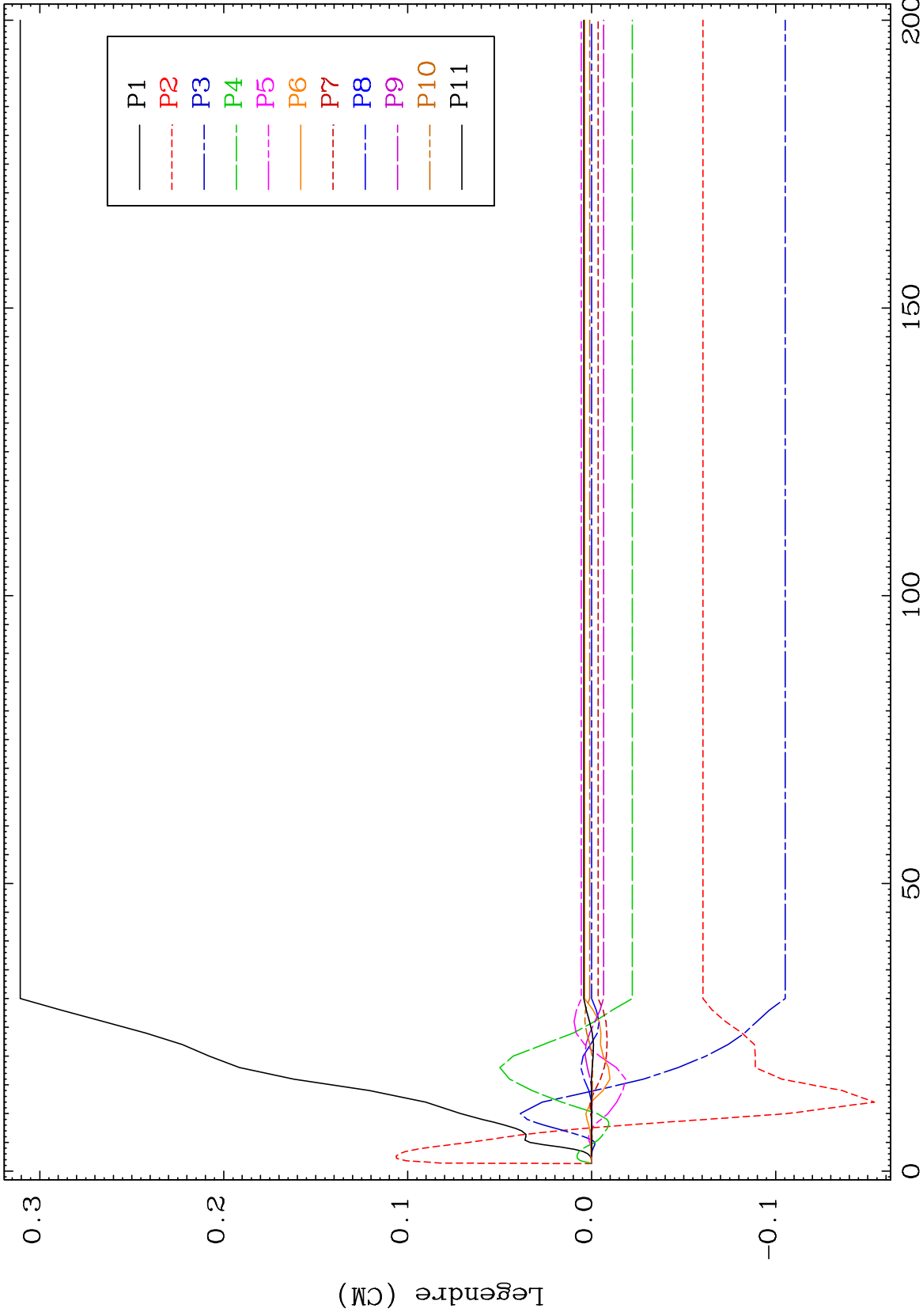
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



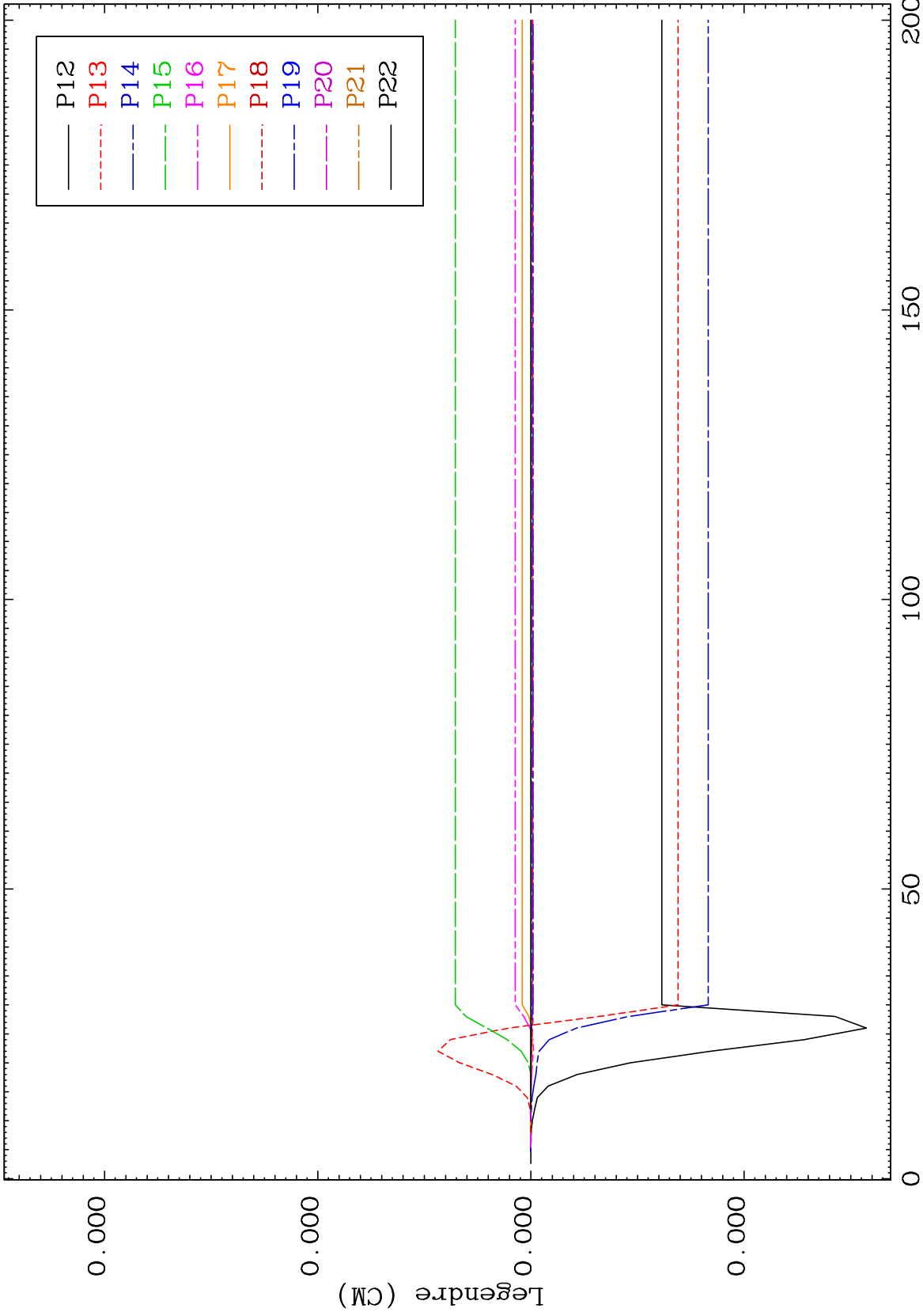
94

49-In-118

MAT 4940

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

49-In-118



95

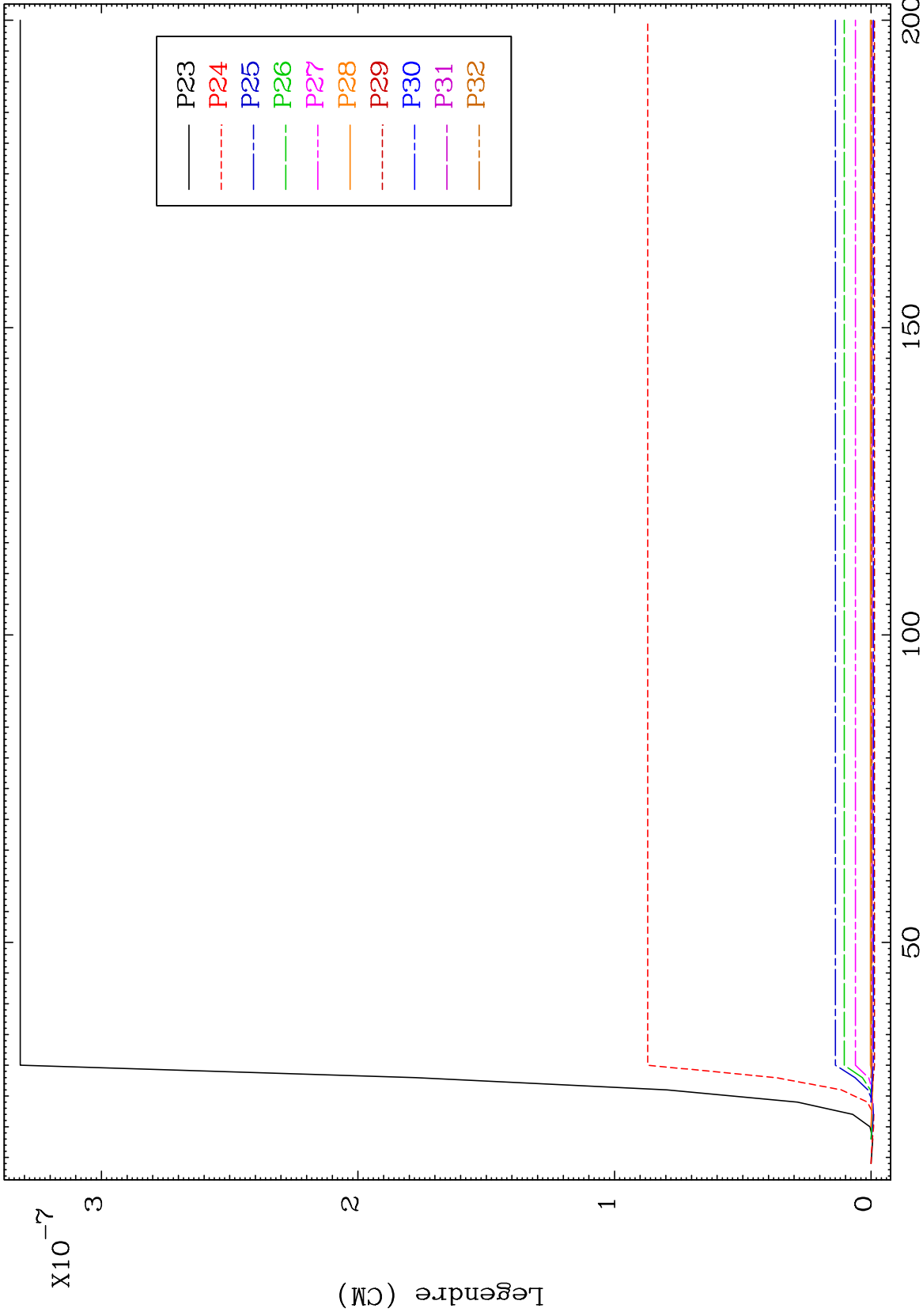
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



96

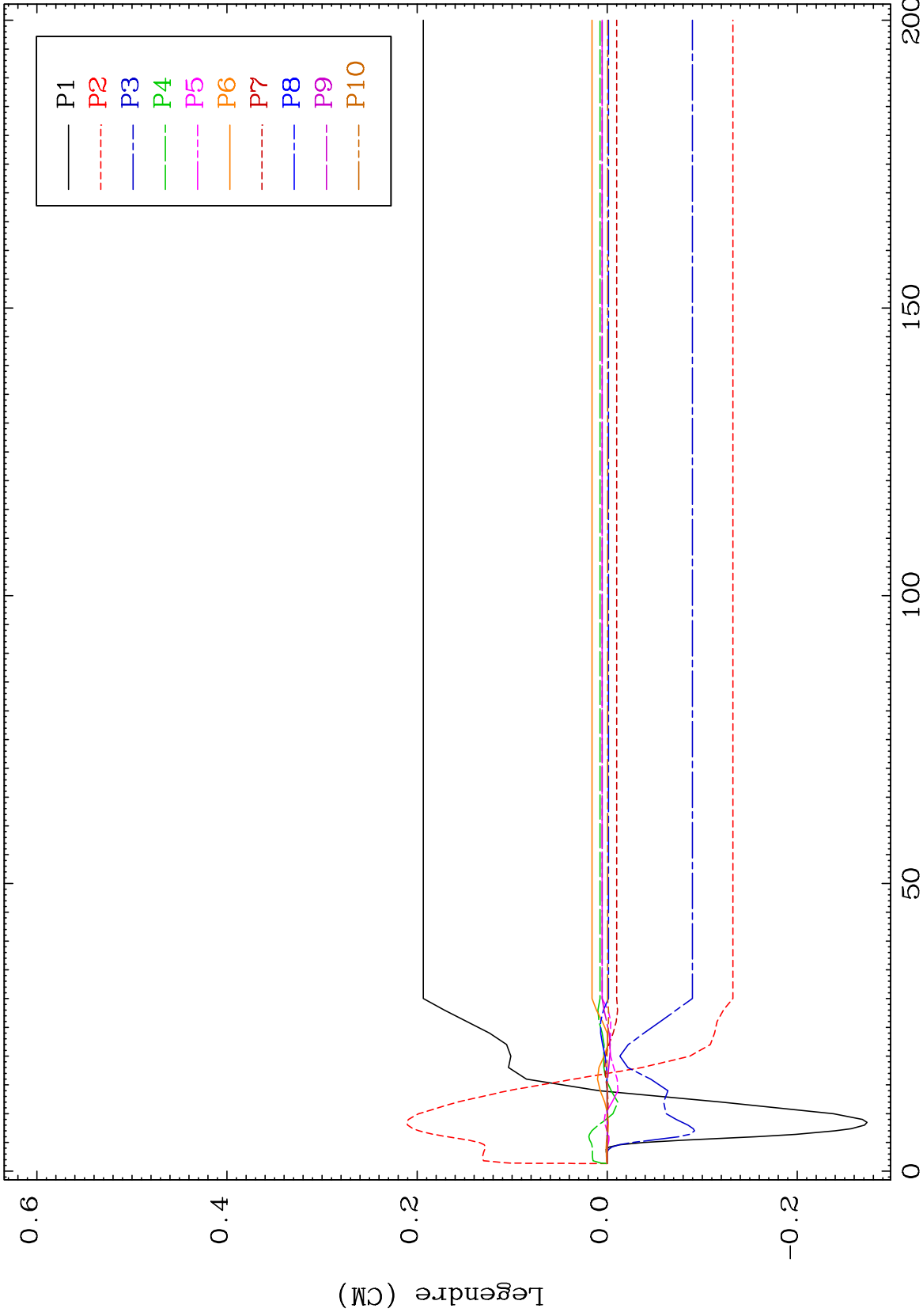
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



97

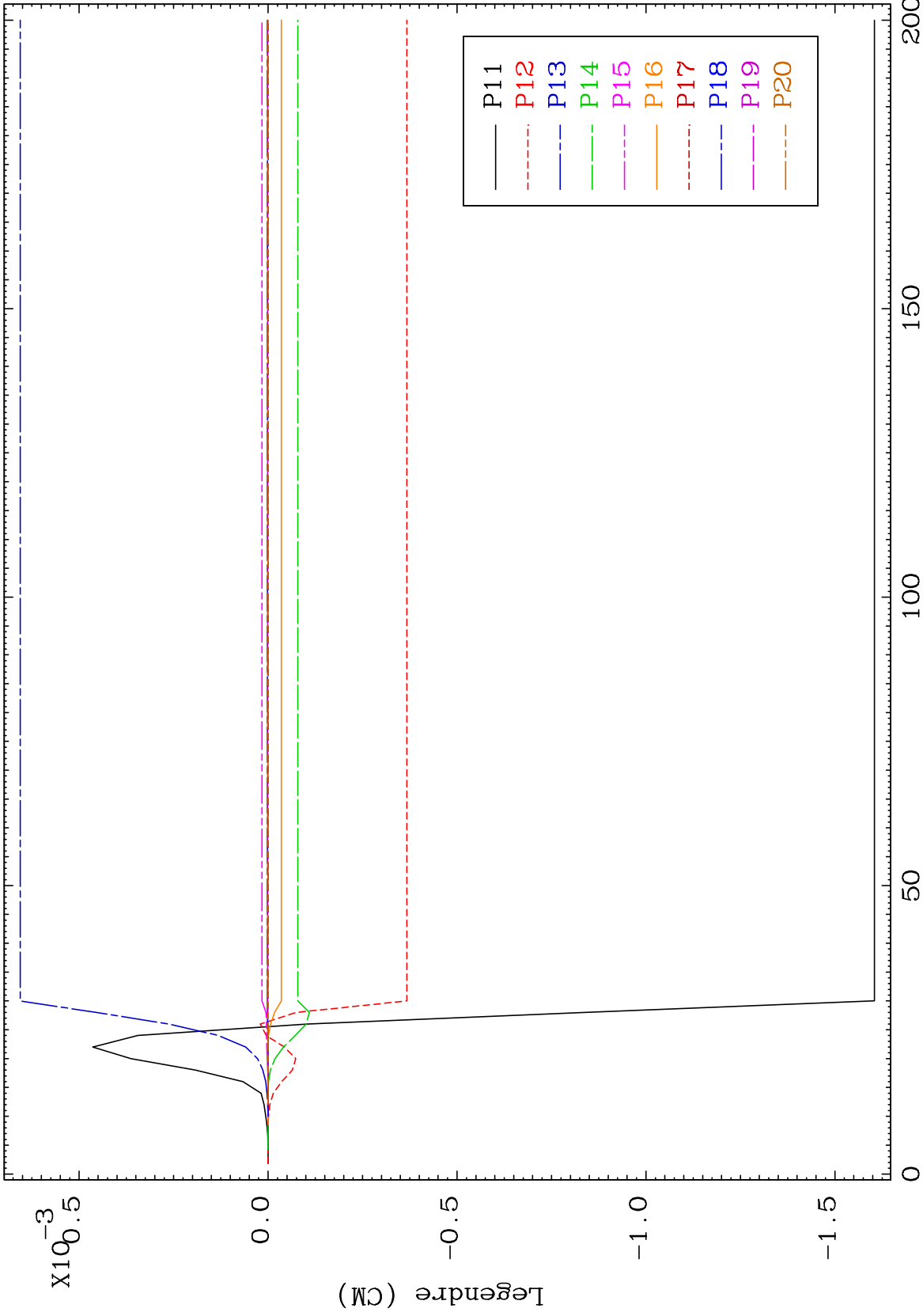
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



98

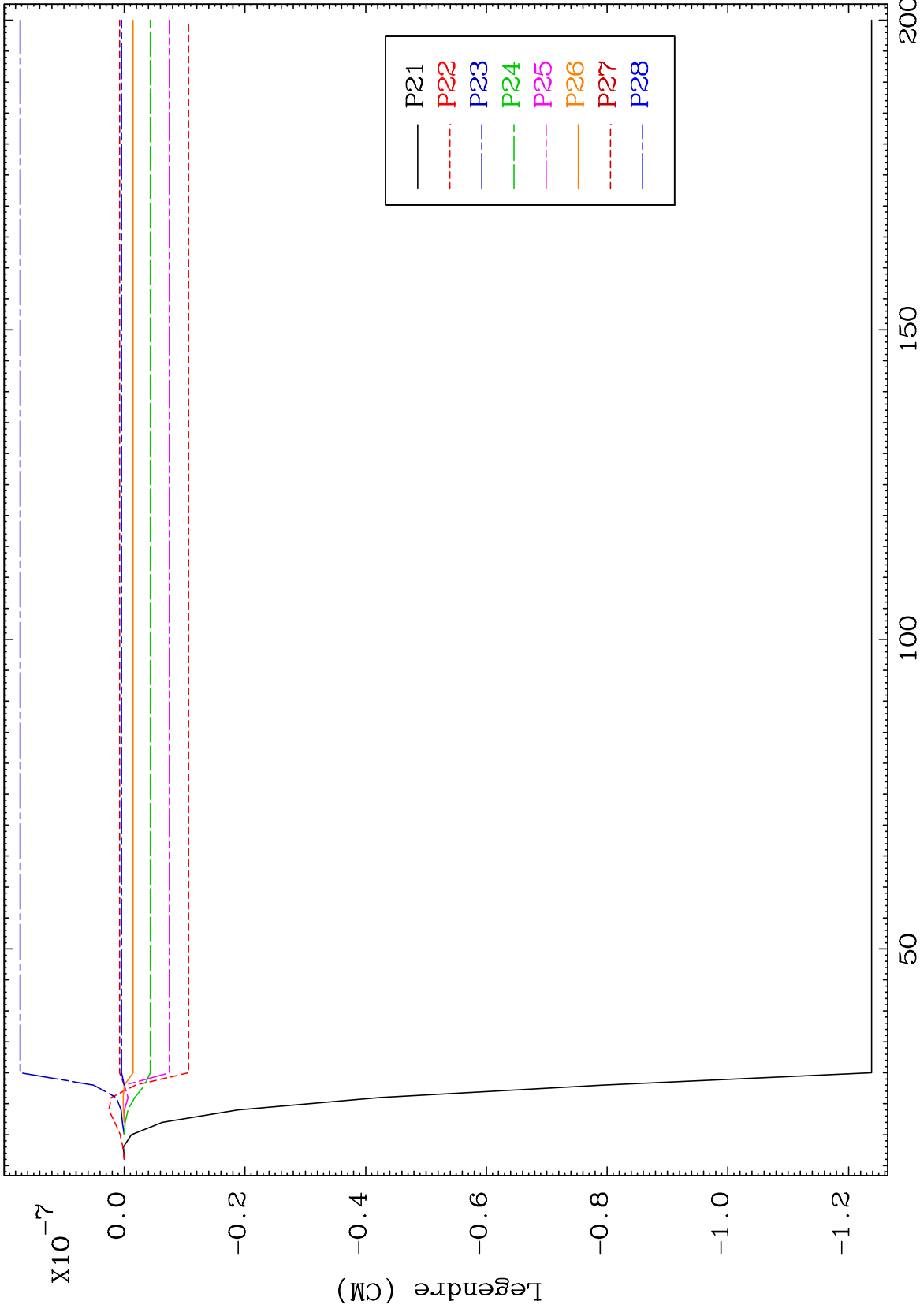
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



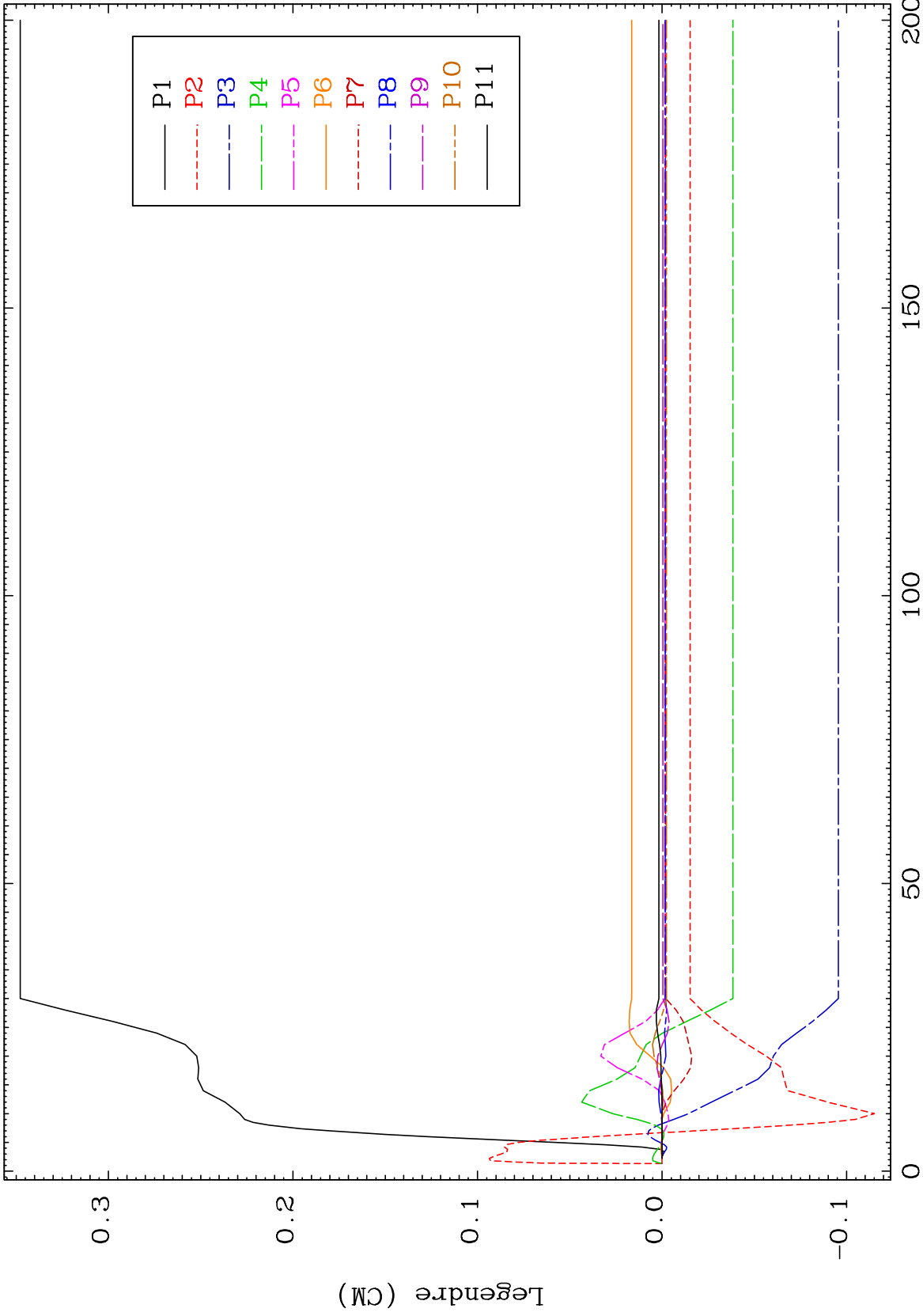
99

49-In-118

MAT 4940

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

49-In-118



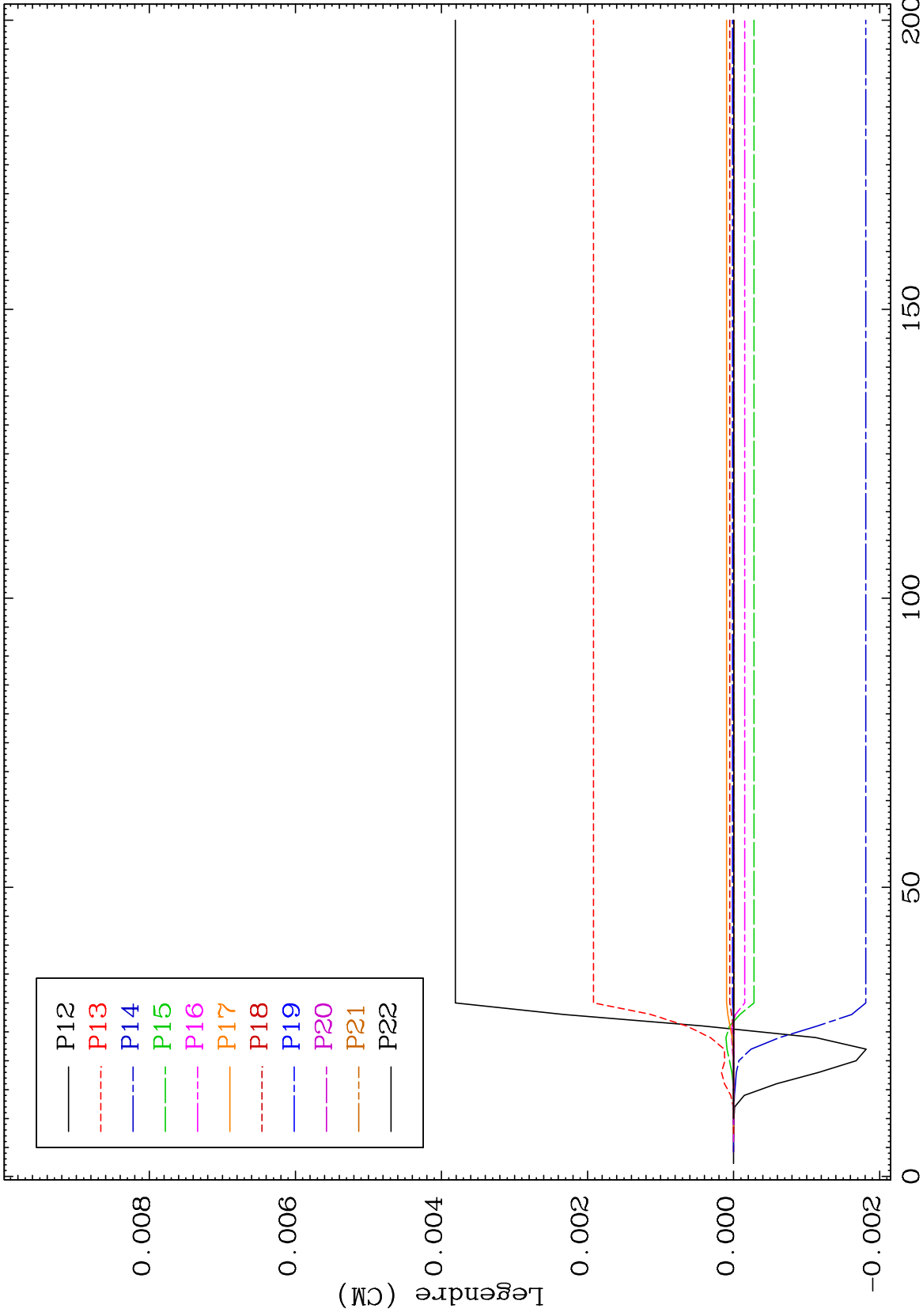
49-In-118

Incident Energy (MeV)

MAT 4940

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

49-In-118



101

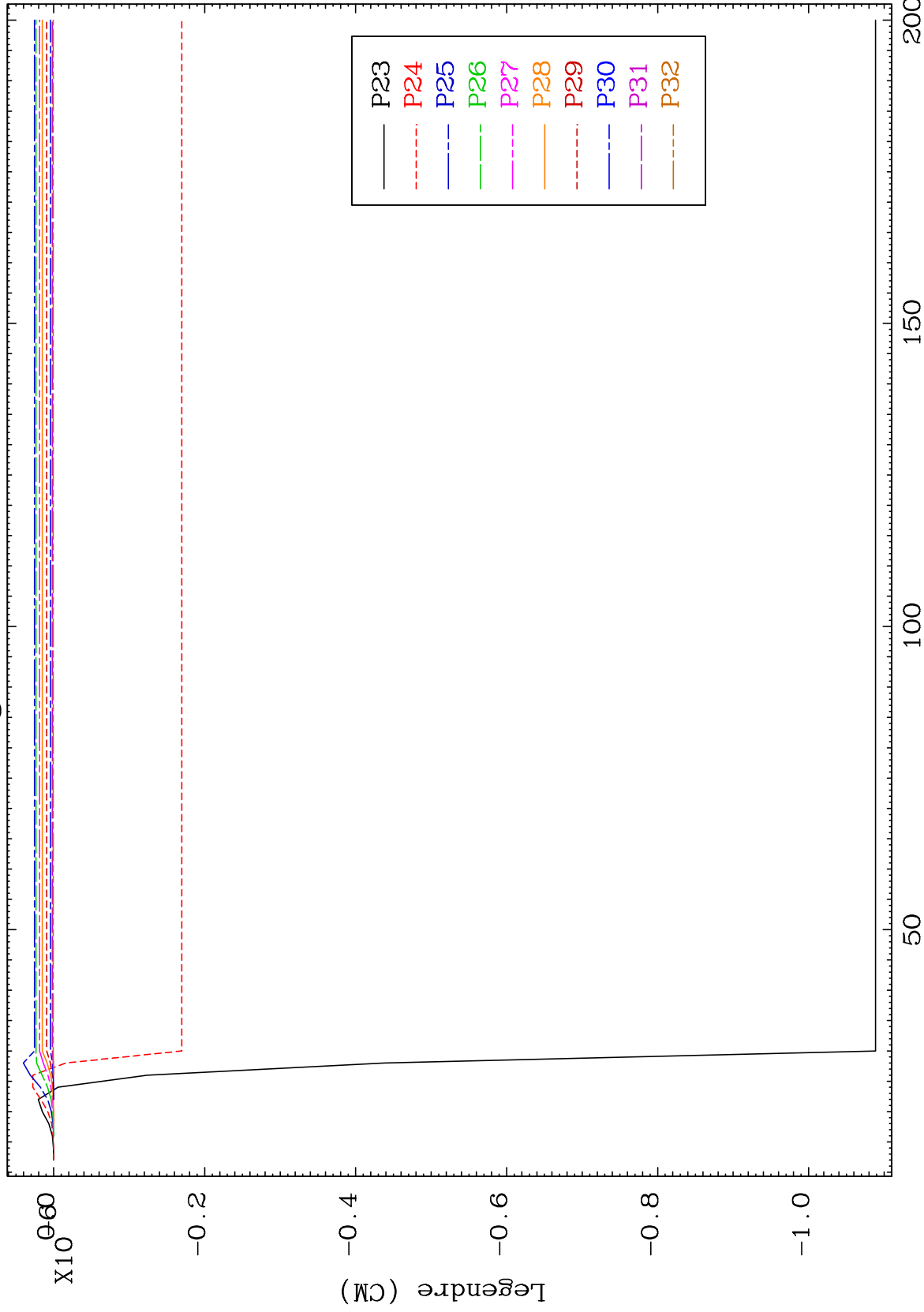
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



102

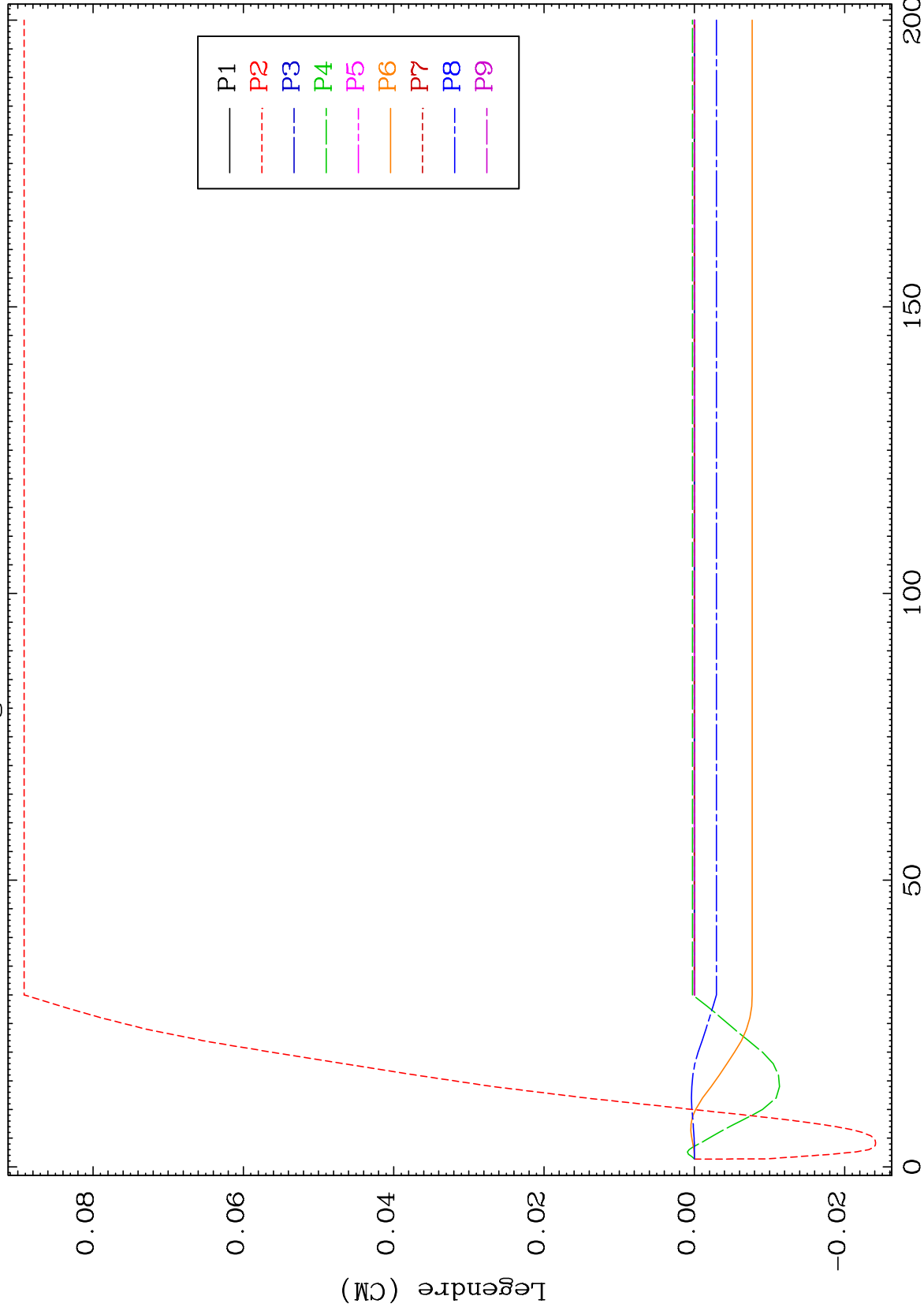
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



49-In-118

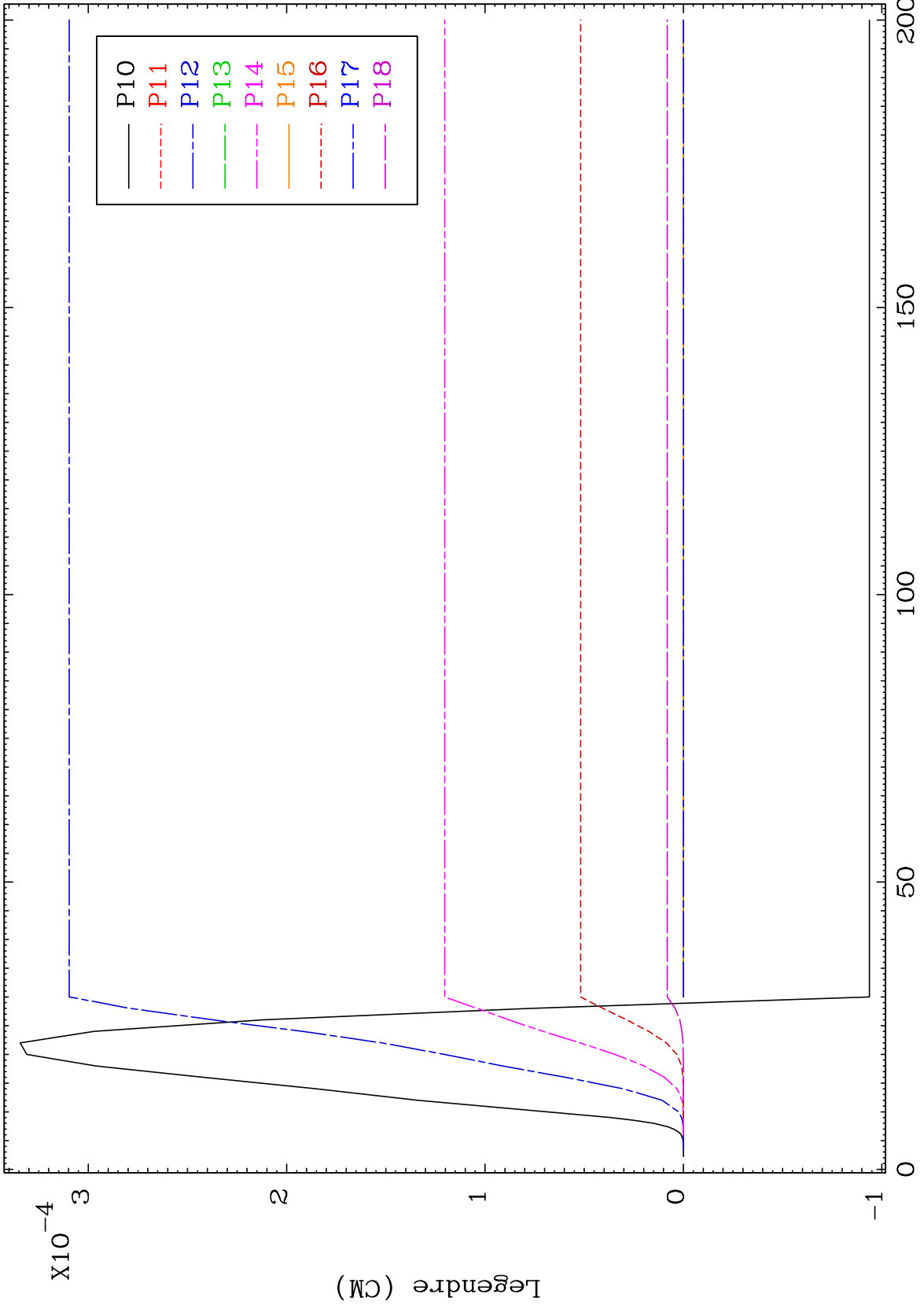
Incident Energy (MeV)

103

MAT 4940

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

49-In-118



104

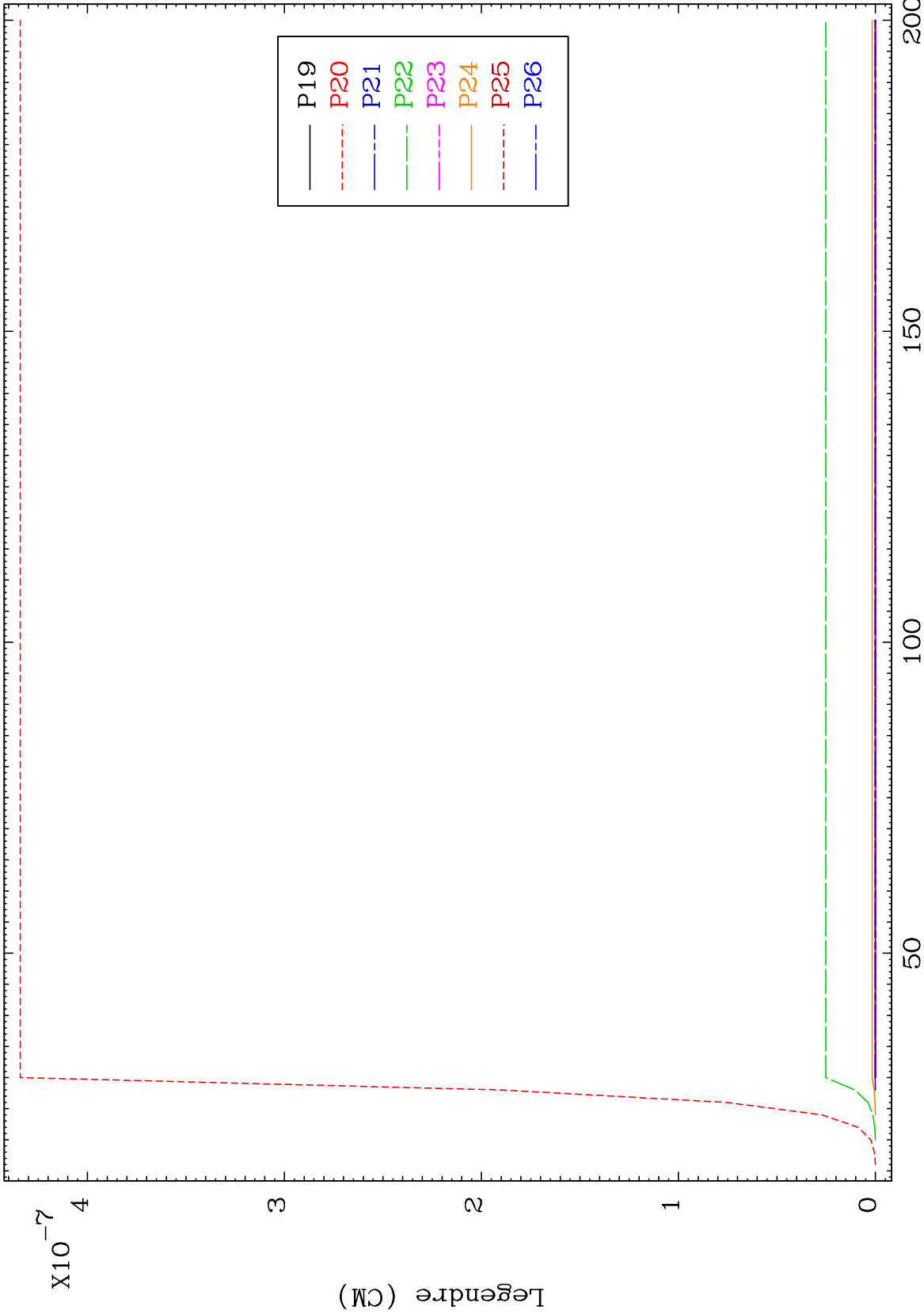
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



105

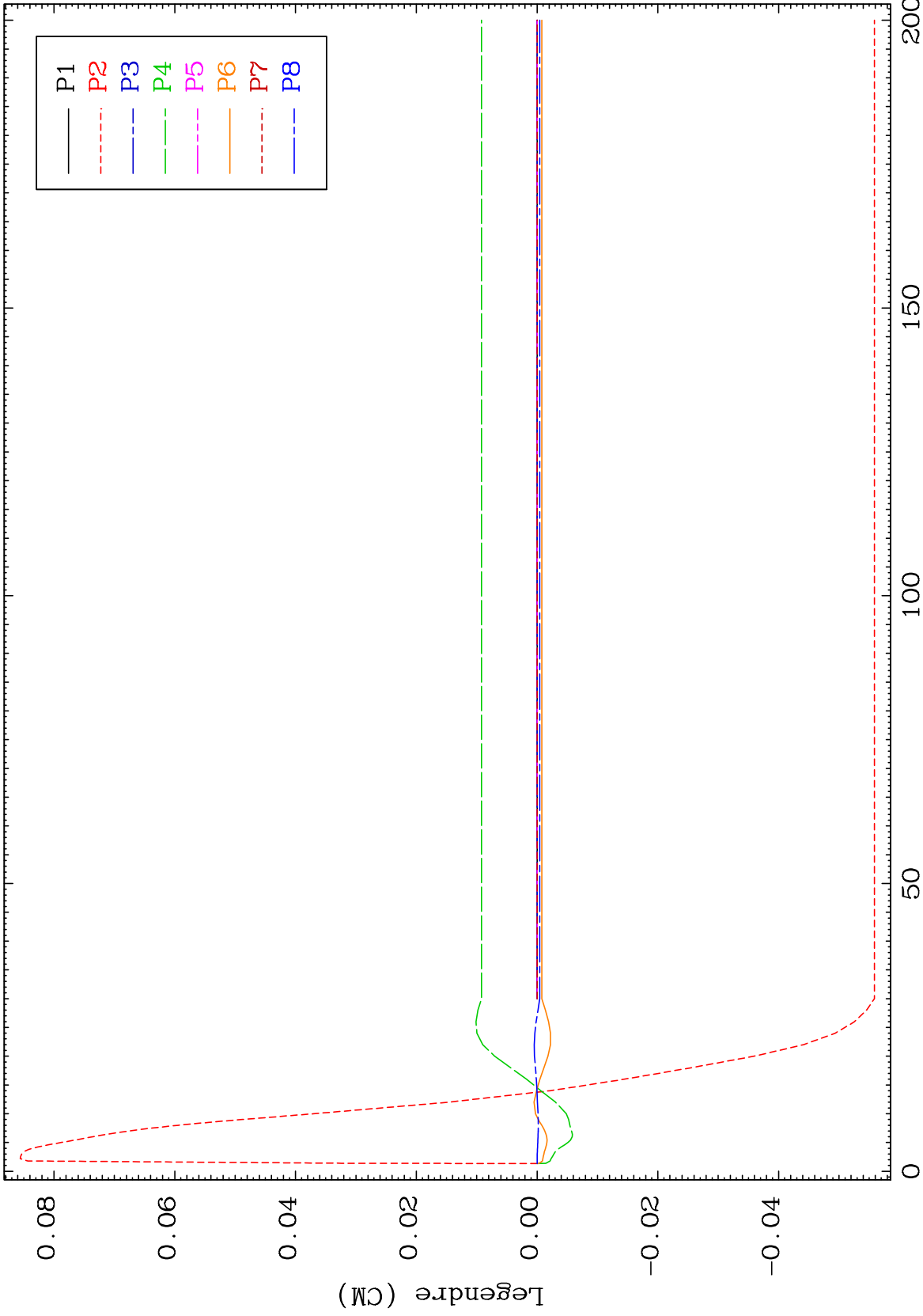
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



106

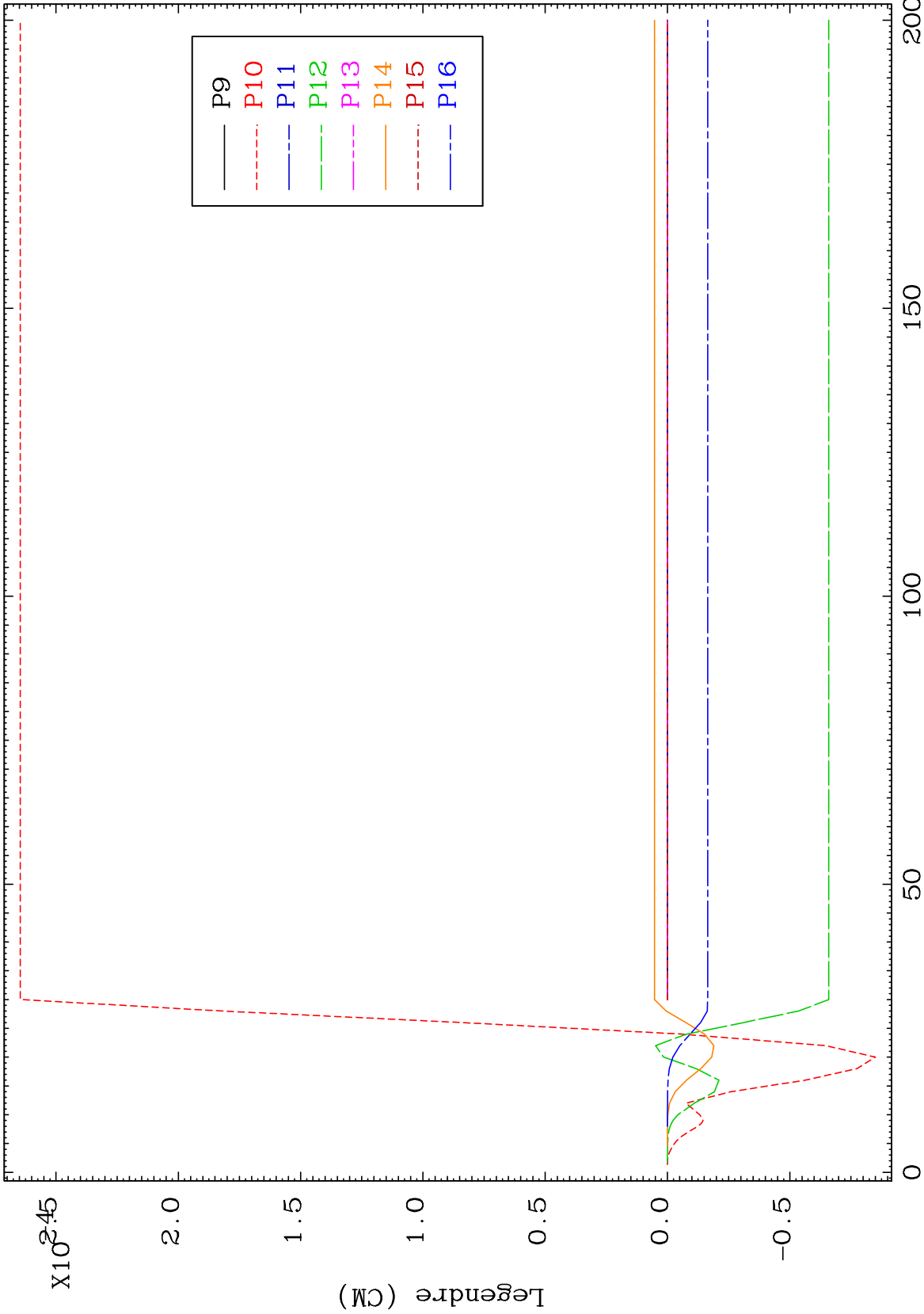
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



107

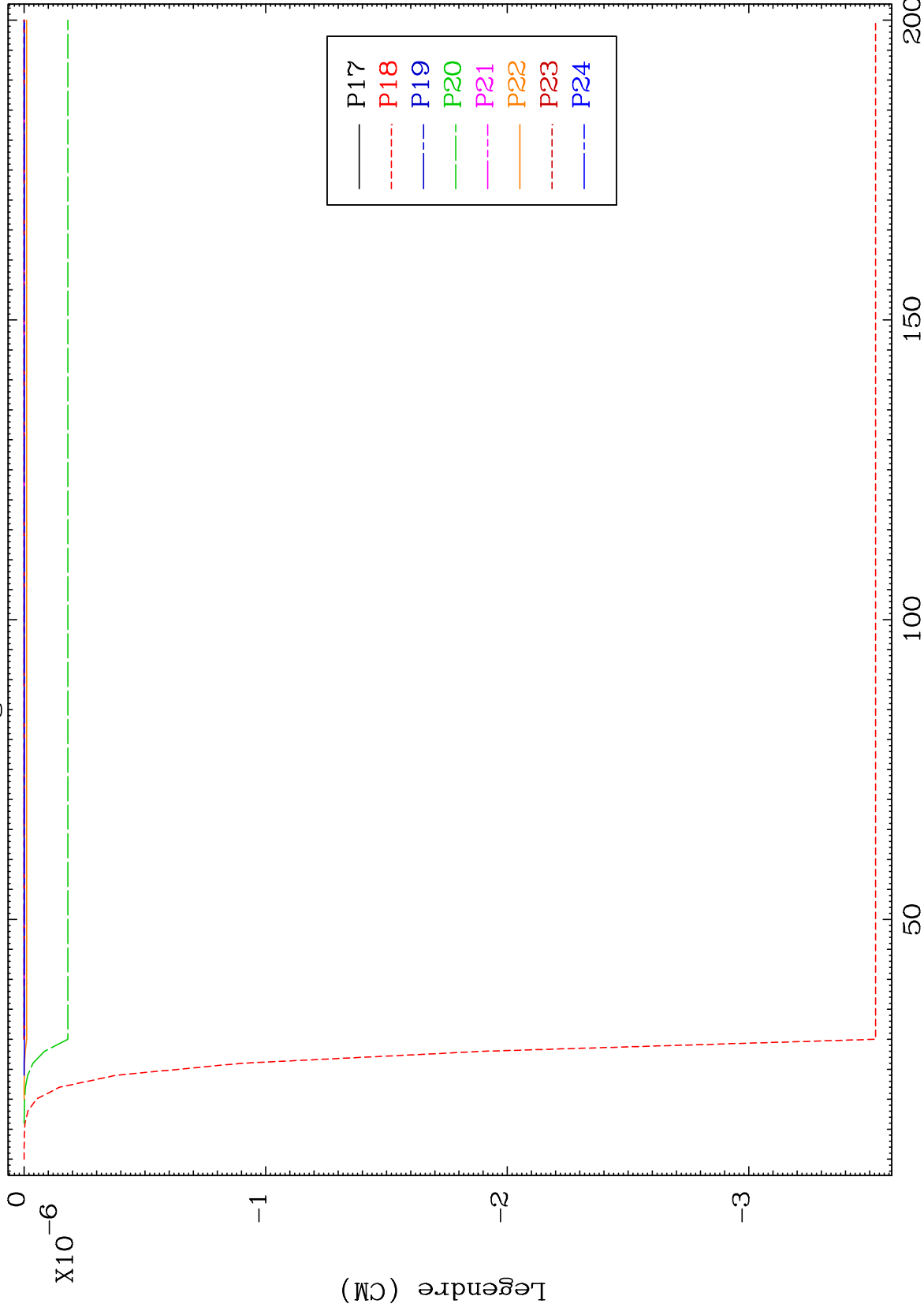
Incident Energy (MeV)

49-In-118

MAT 4940

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

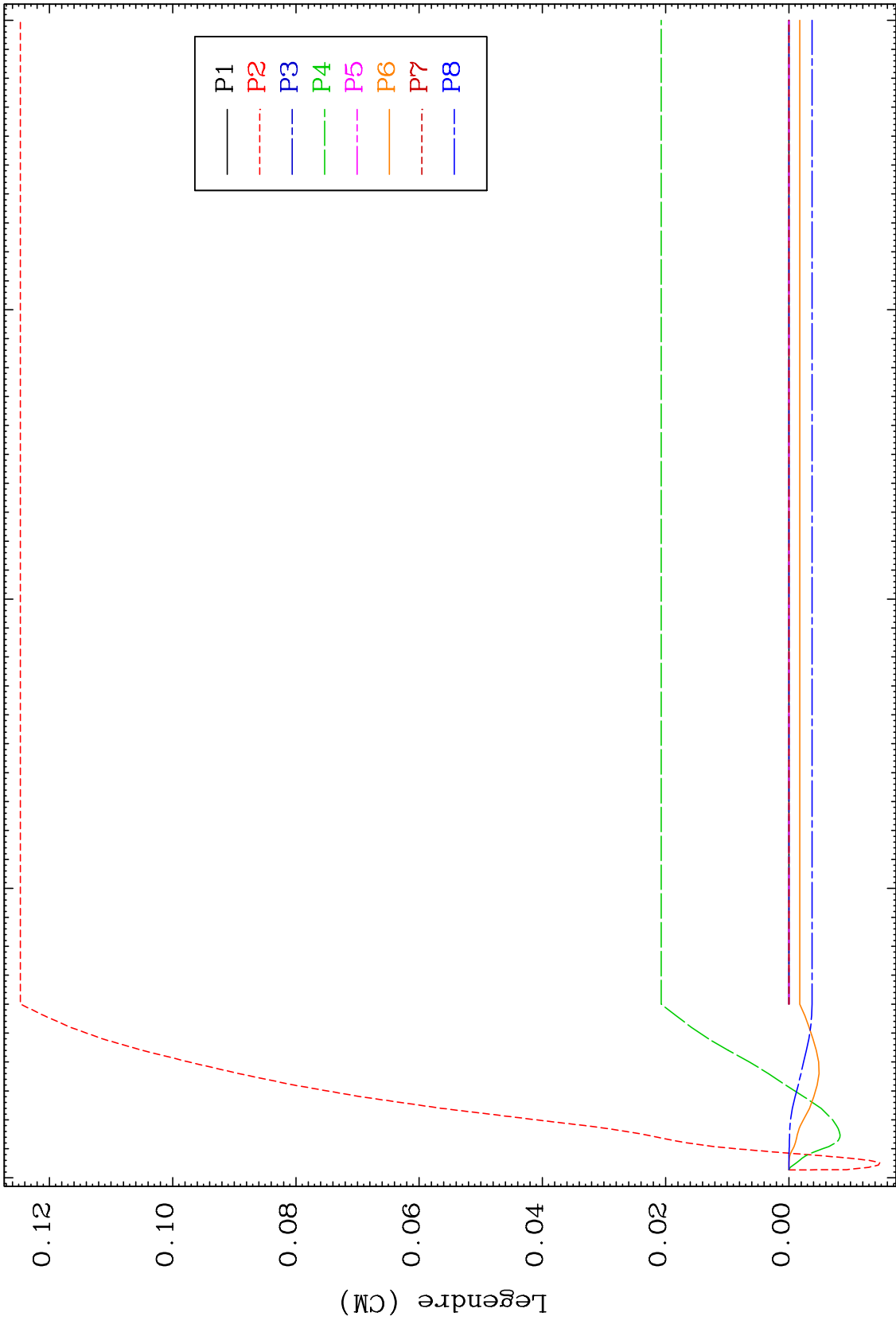
49-In-118



108

49-In-118

MAT 4940 MT= 78 (n,n') Level Legendre Coefficients 49-In-118

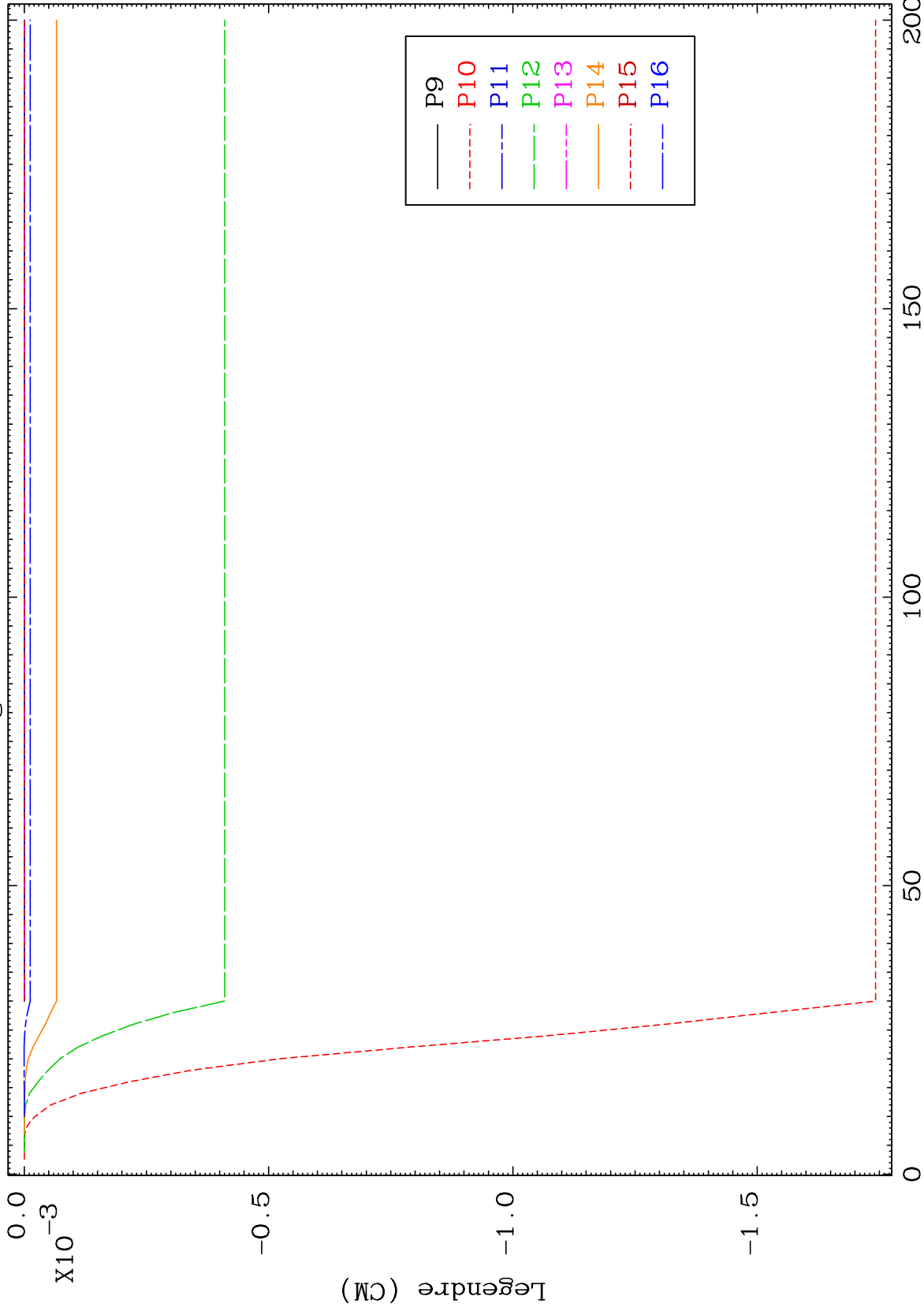


109 49-In-118

MAT 4940

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

49-In-118

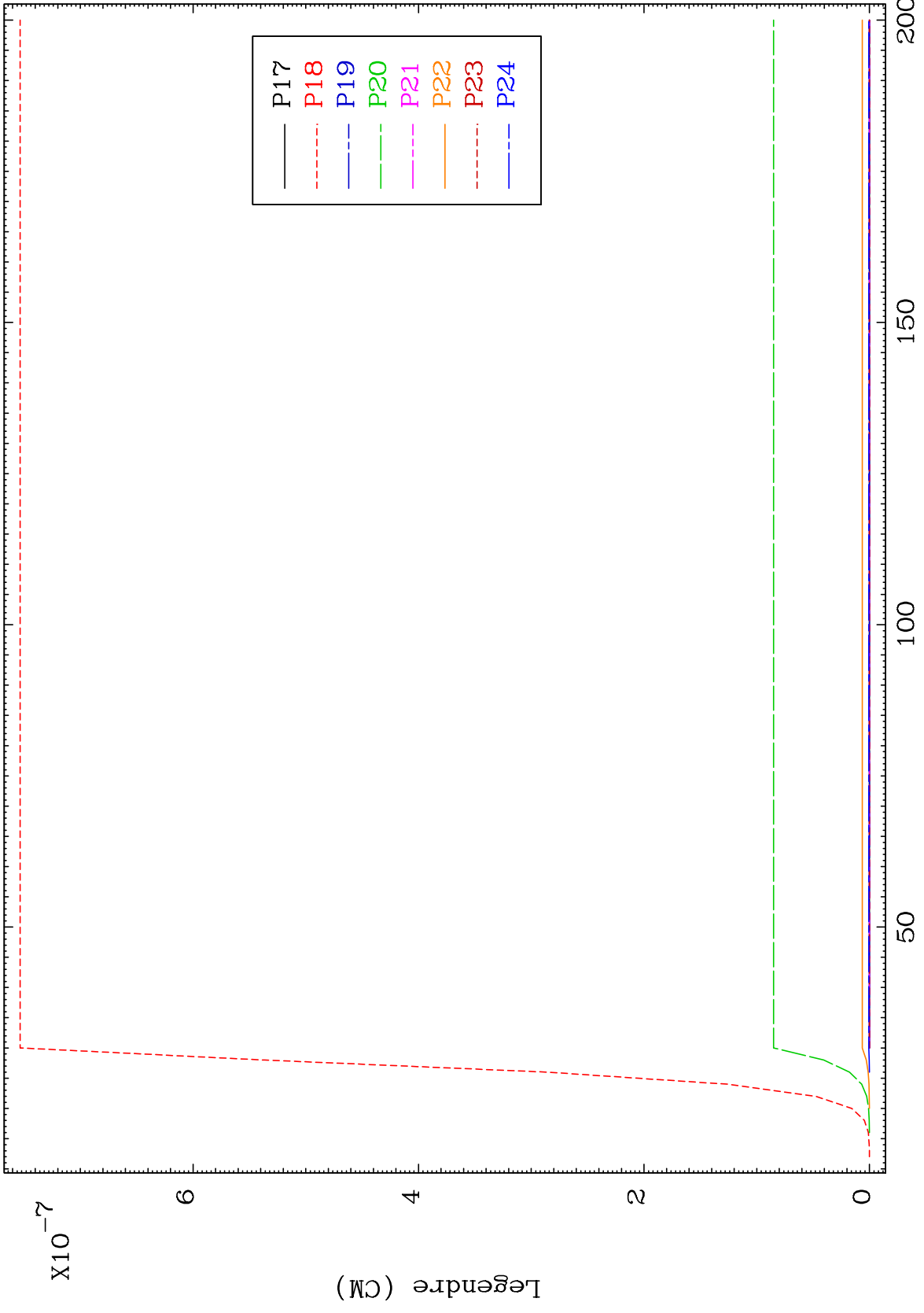


49-In-118

Incident Energy (MeV)

110

MAT 4940 MT= 78 (n,n') Level Legendre Coefficients 49-In-118

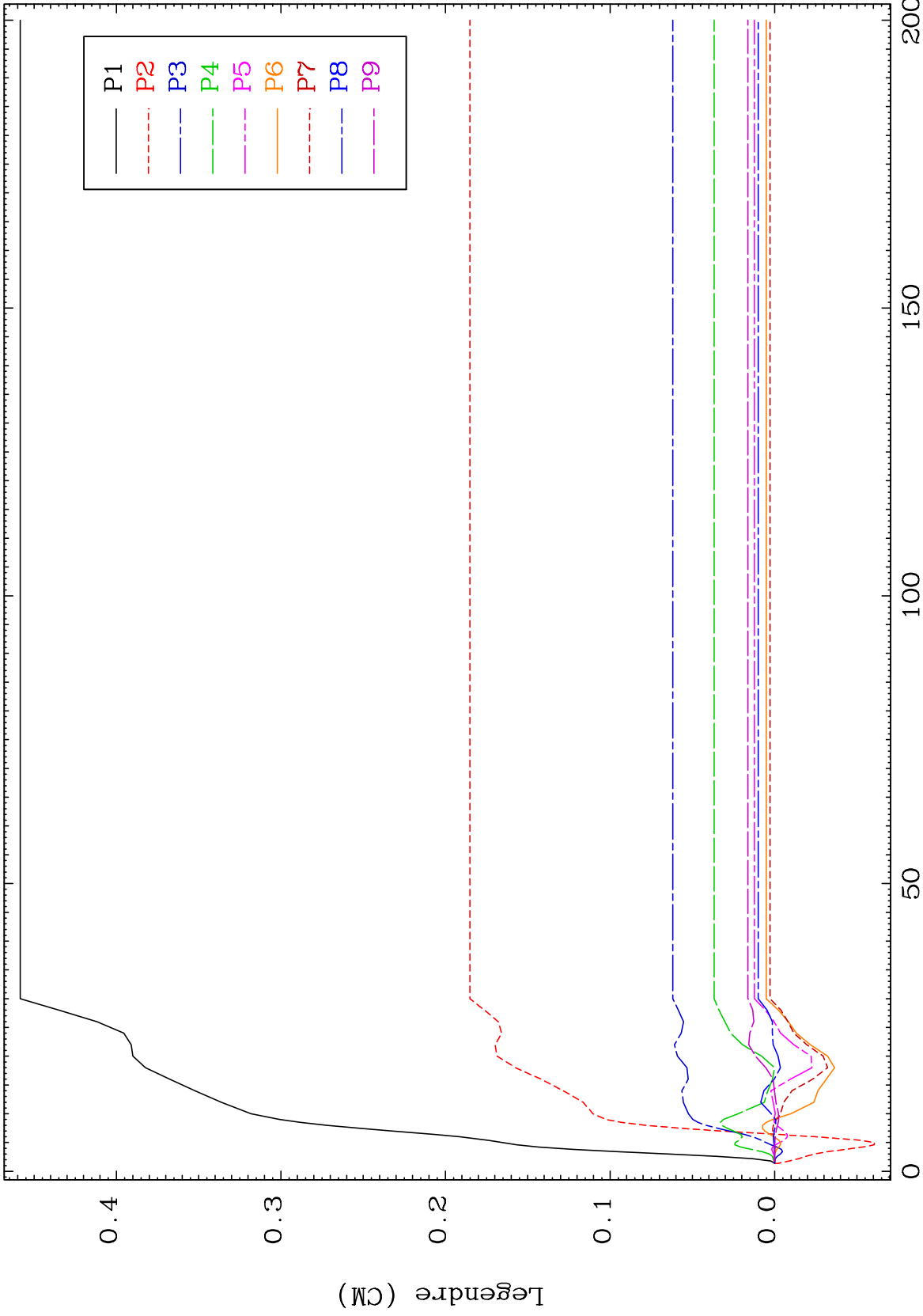


111 Incident Energy (MeV) 49-In-118

MAT 4940

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

49-In-118



112

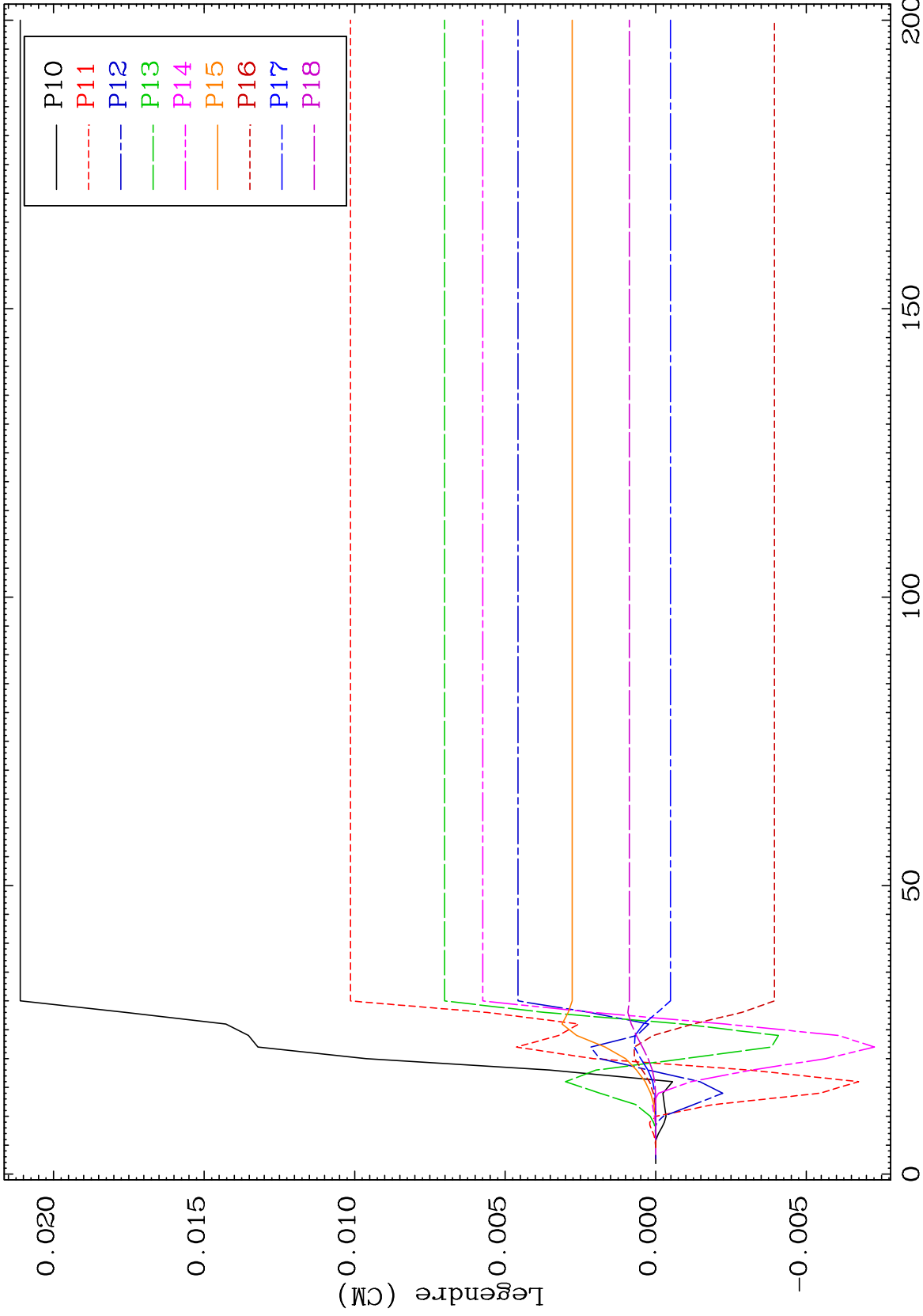
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



113

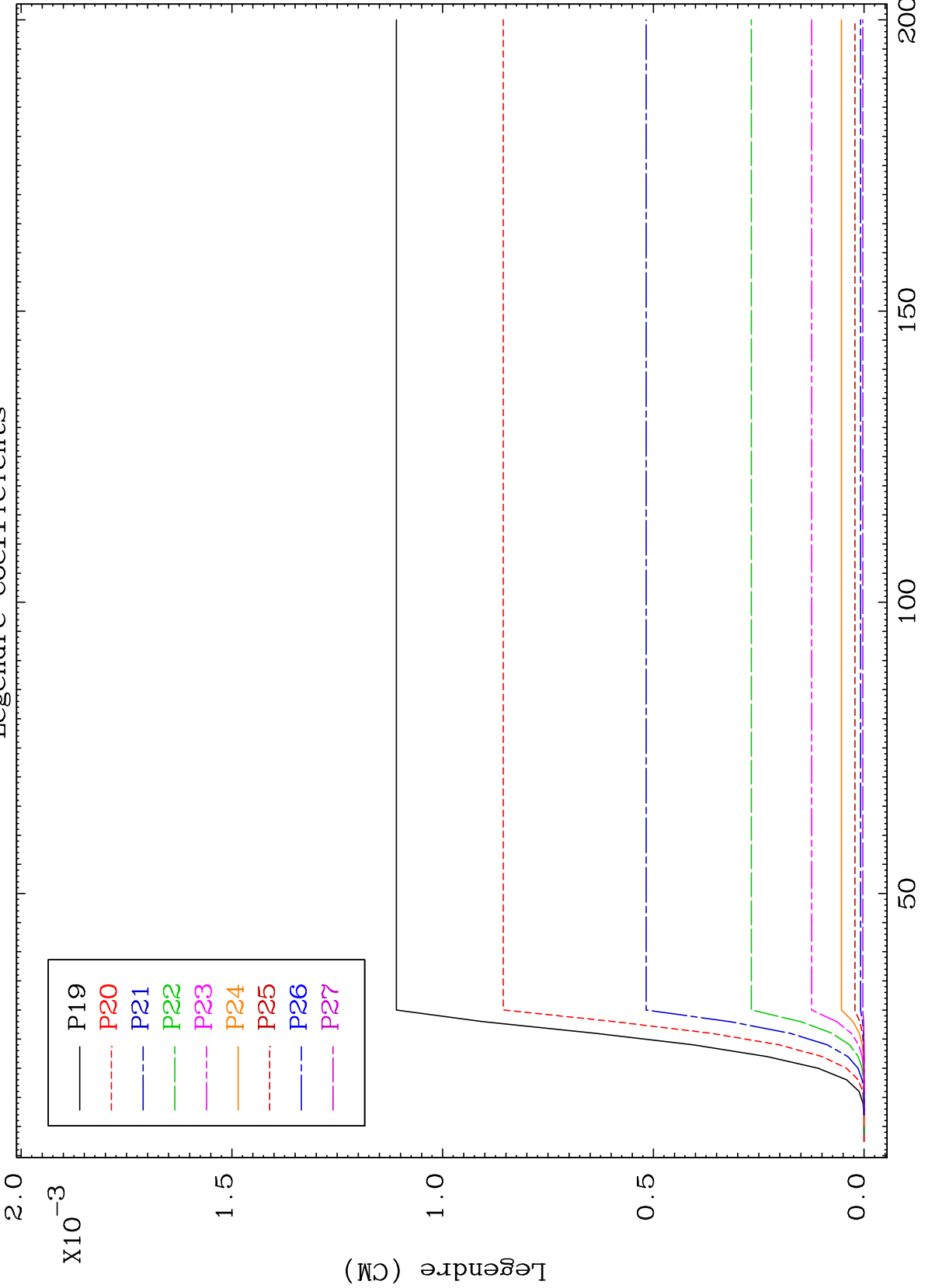
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



114

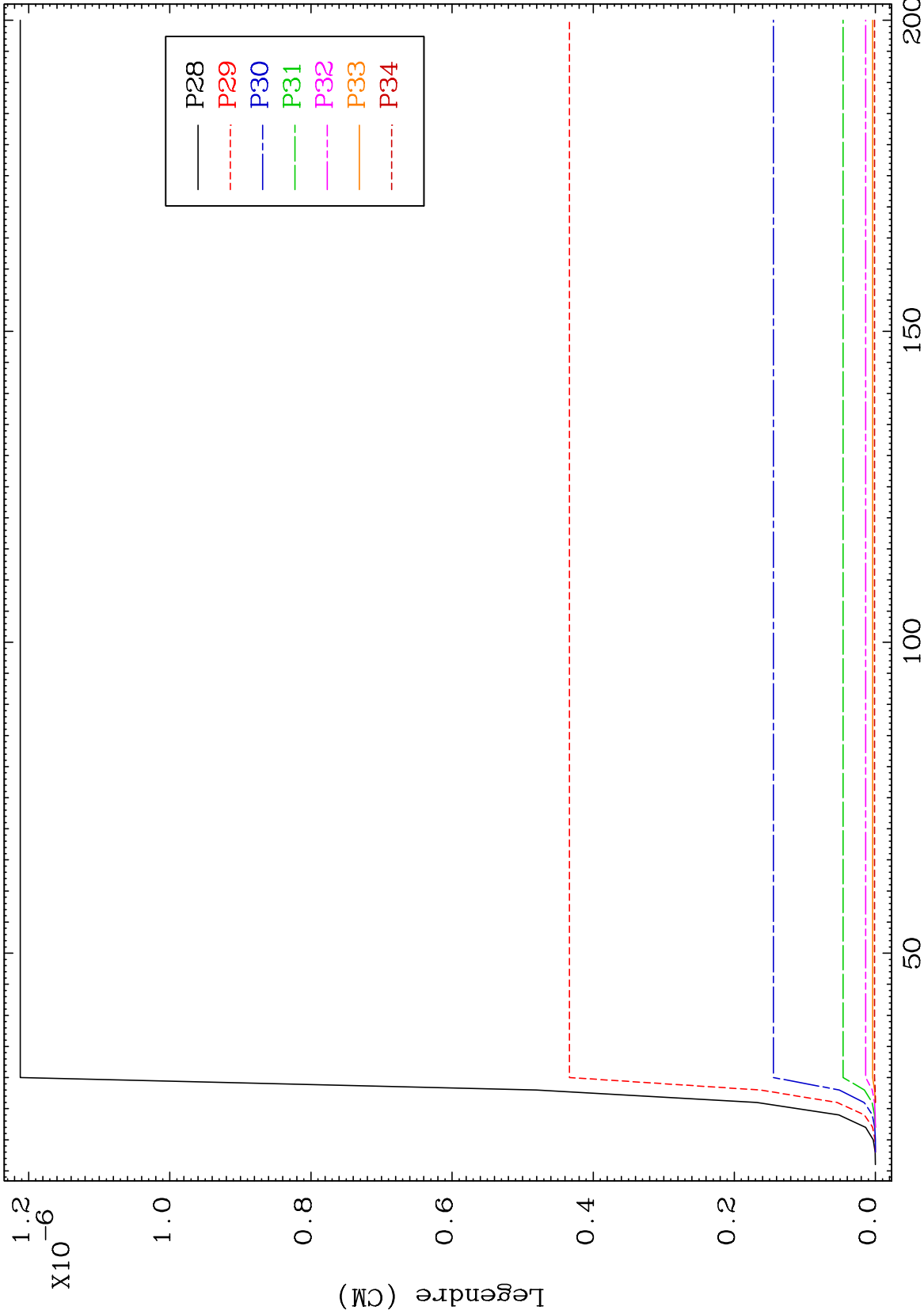
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118

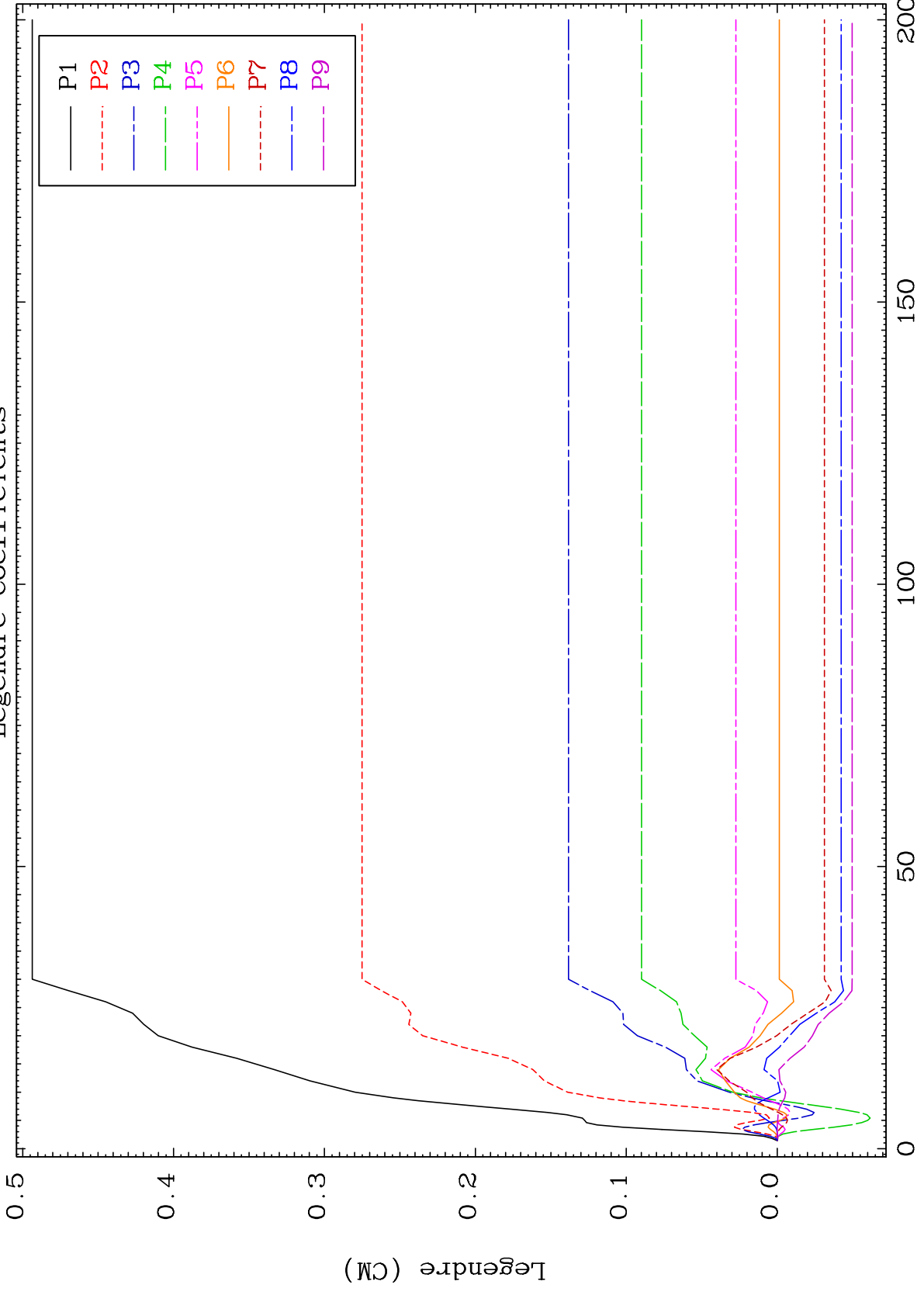


115

Incident Energy (MeV)

49-In-118

MAT 4940 MT= 80 (n,n') Level Legendre Coefficients 49-In-118

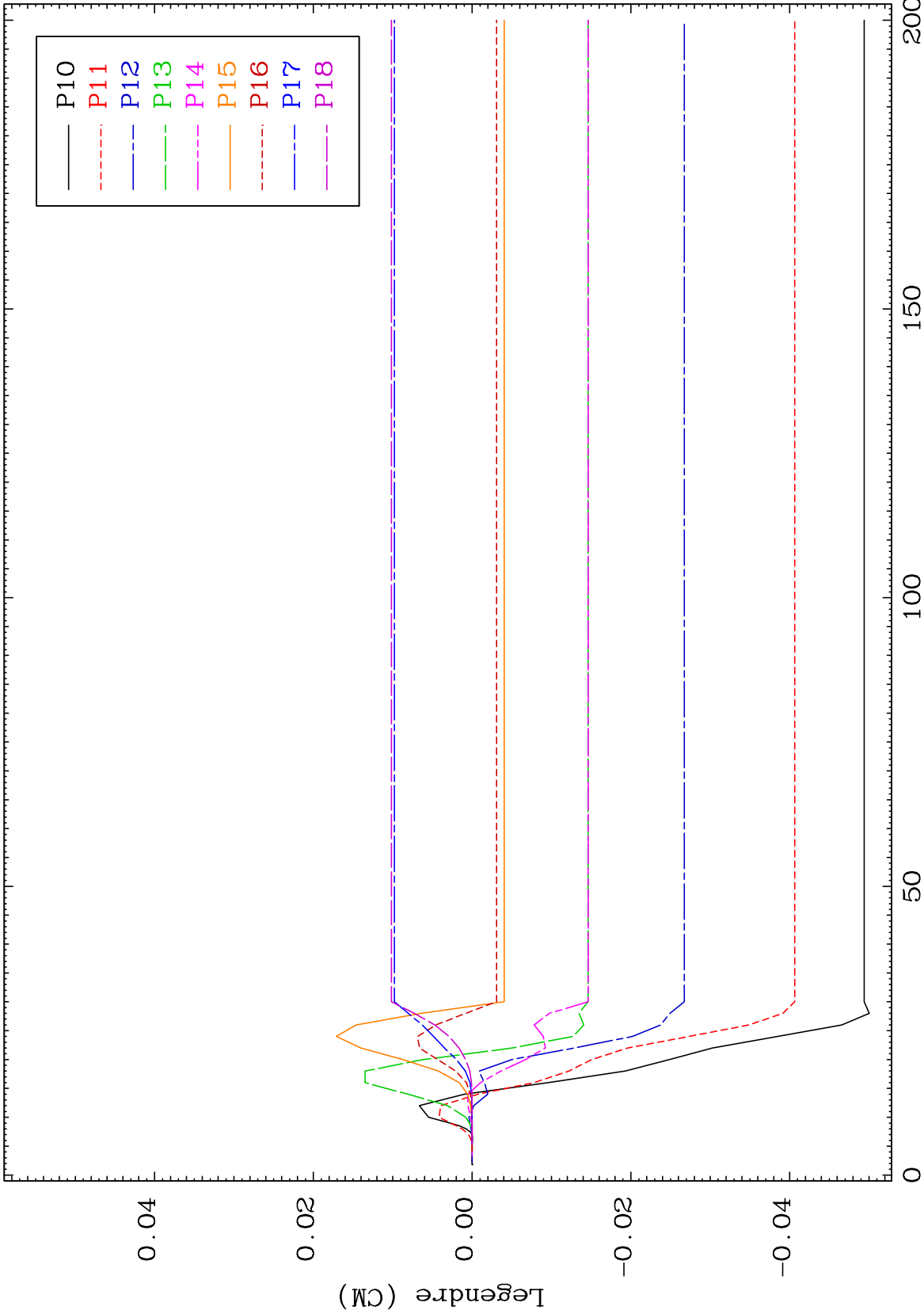


116 49-In-118

MAT 4940

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

49-In-118



117

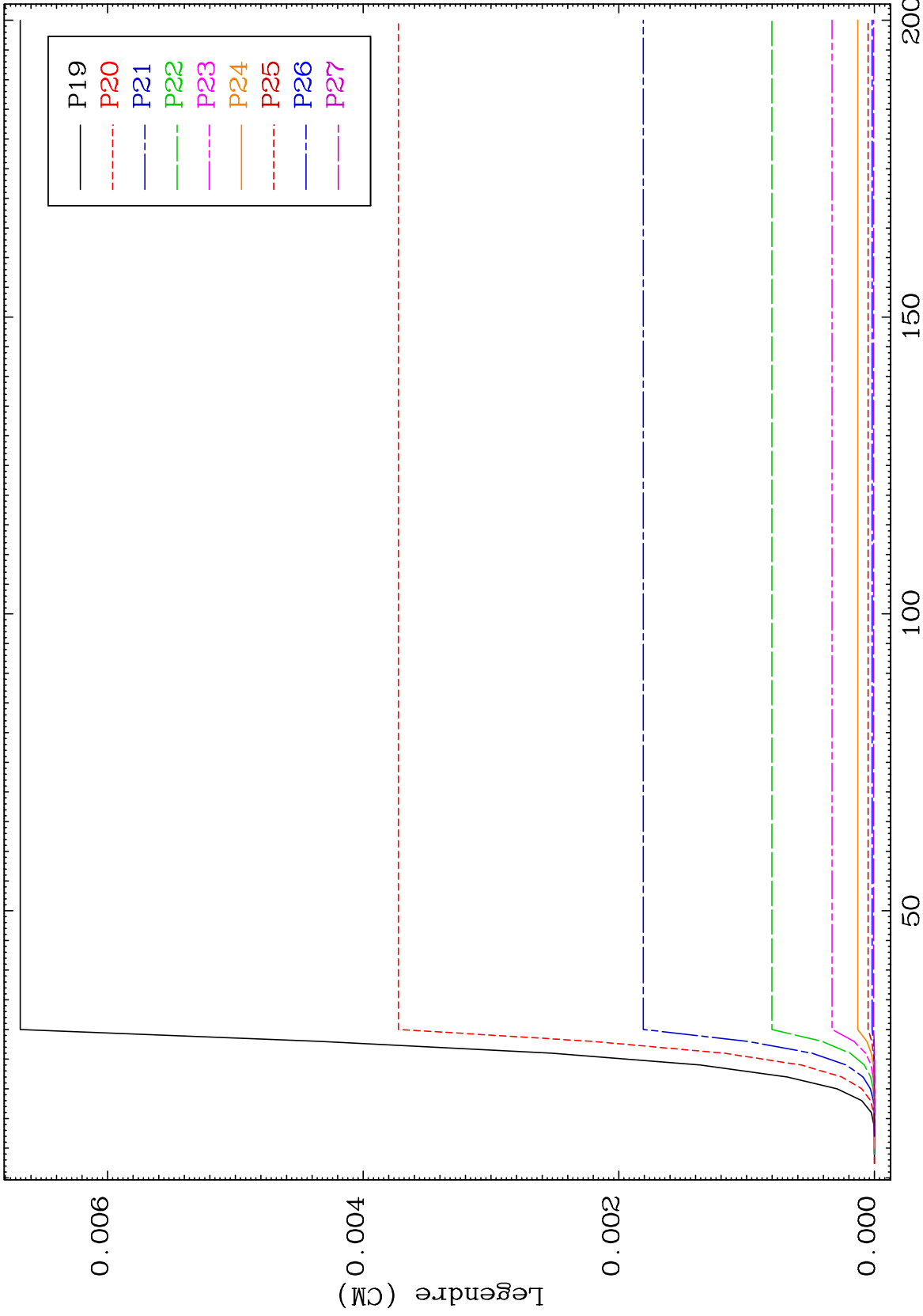
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



118

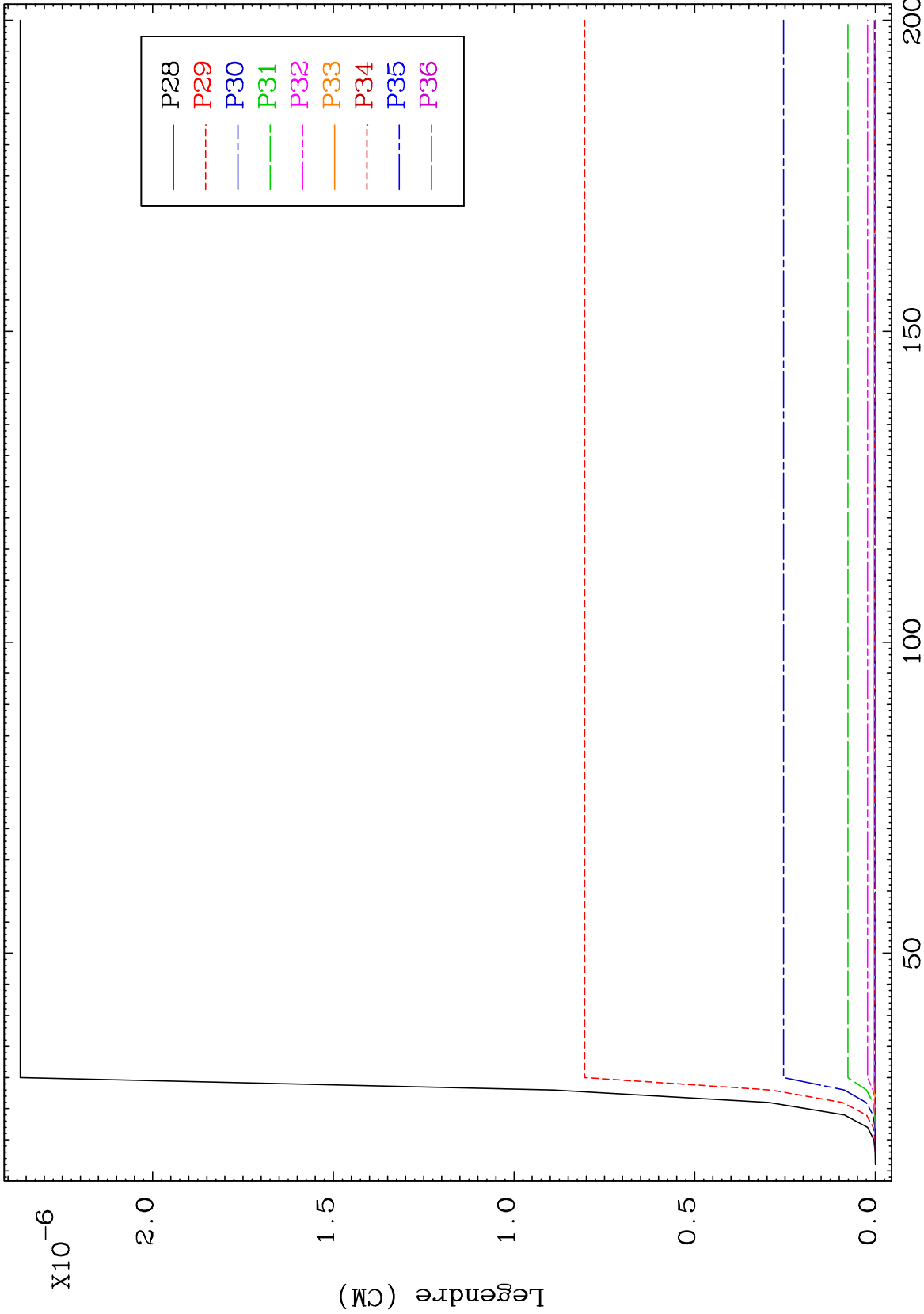
Incident Energy (MeV)

49-In-118

MAT 4940

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

49-In-118



119

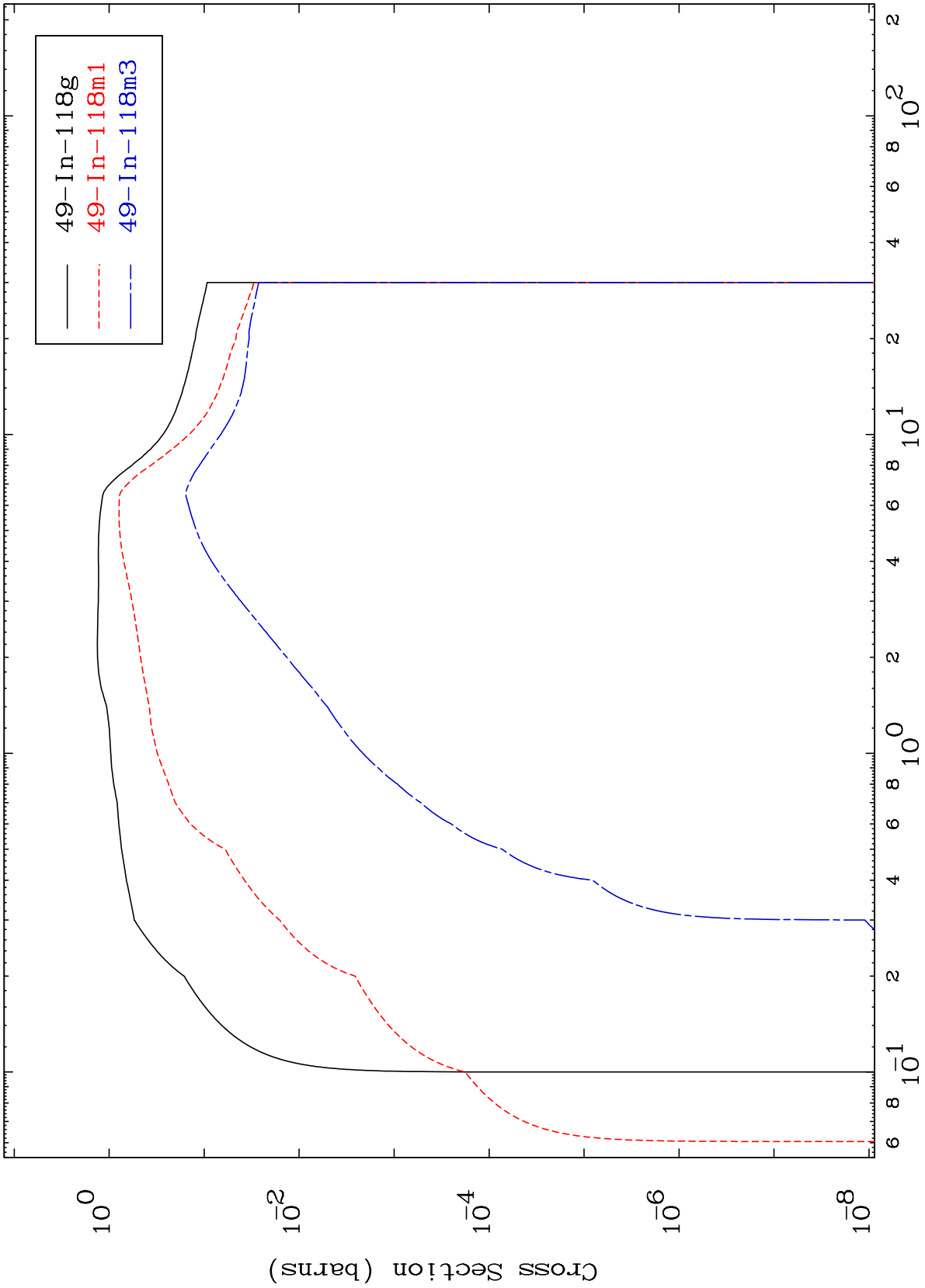
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Inelastic Radionuclide Production Cross Section



120

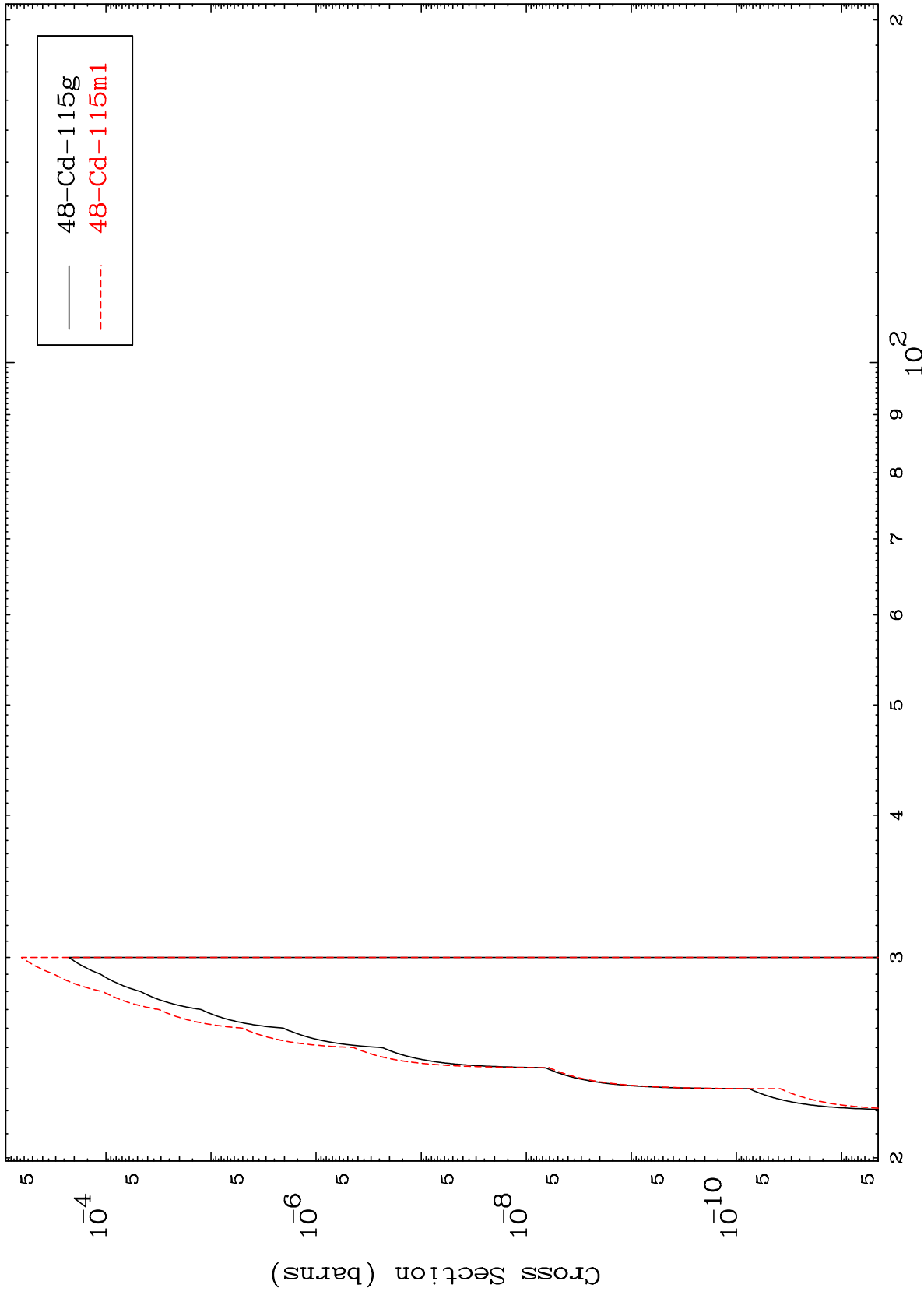
49-In-118

MAT 4940

(n,2n) d

49-In-118

Radionuclide Production Cross Section



121

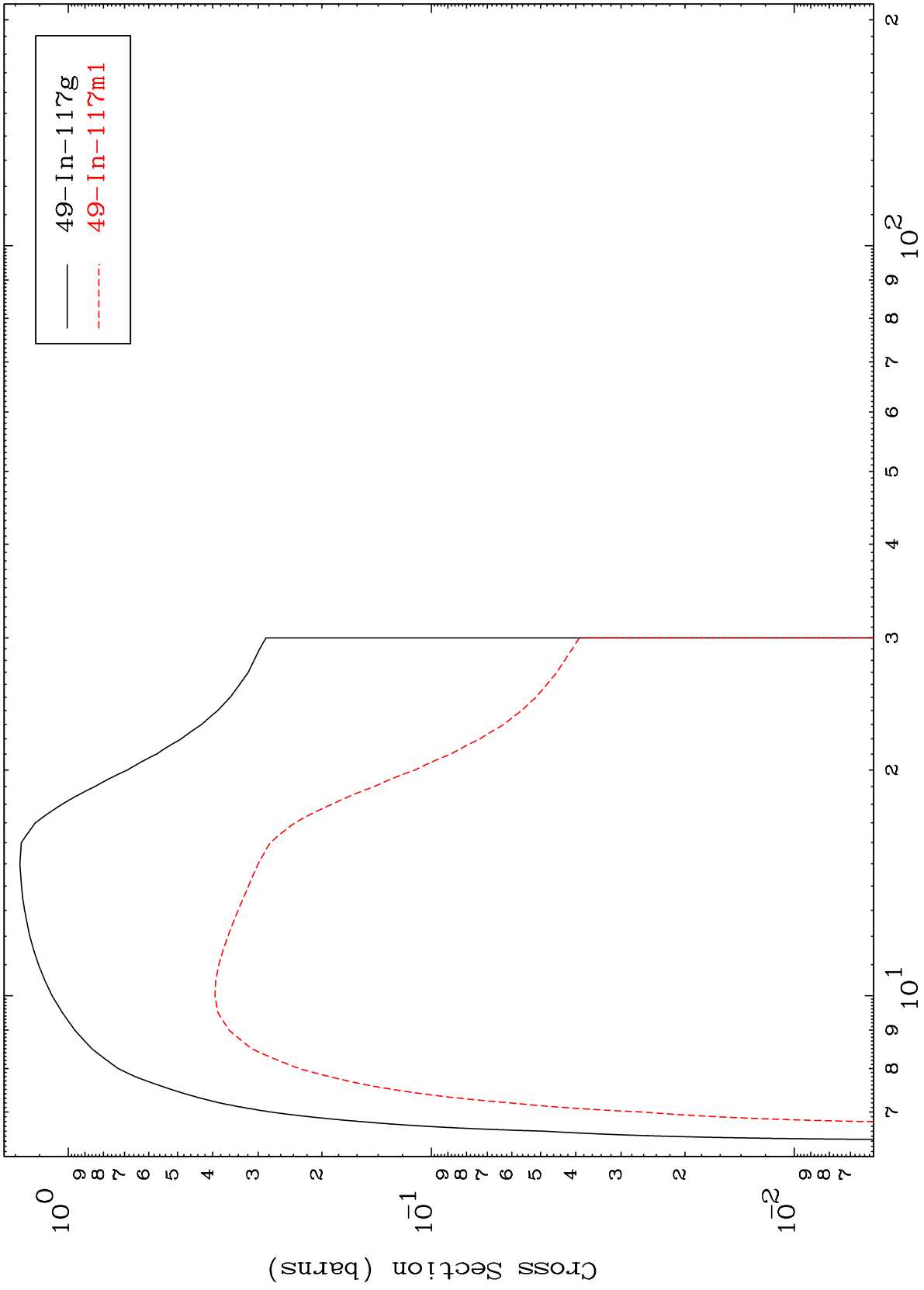
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

(n,2n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

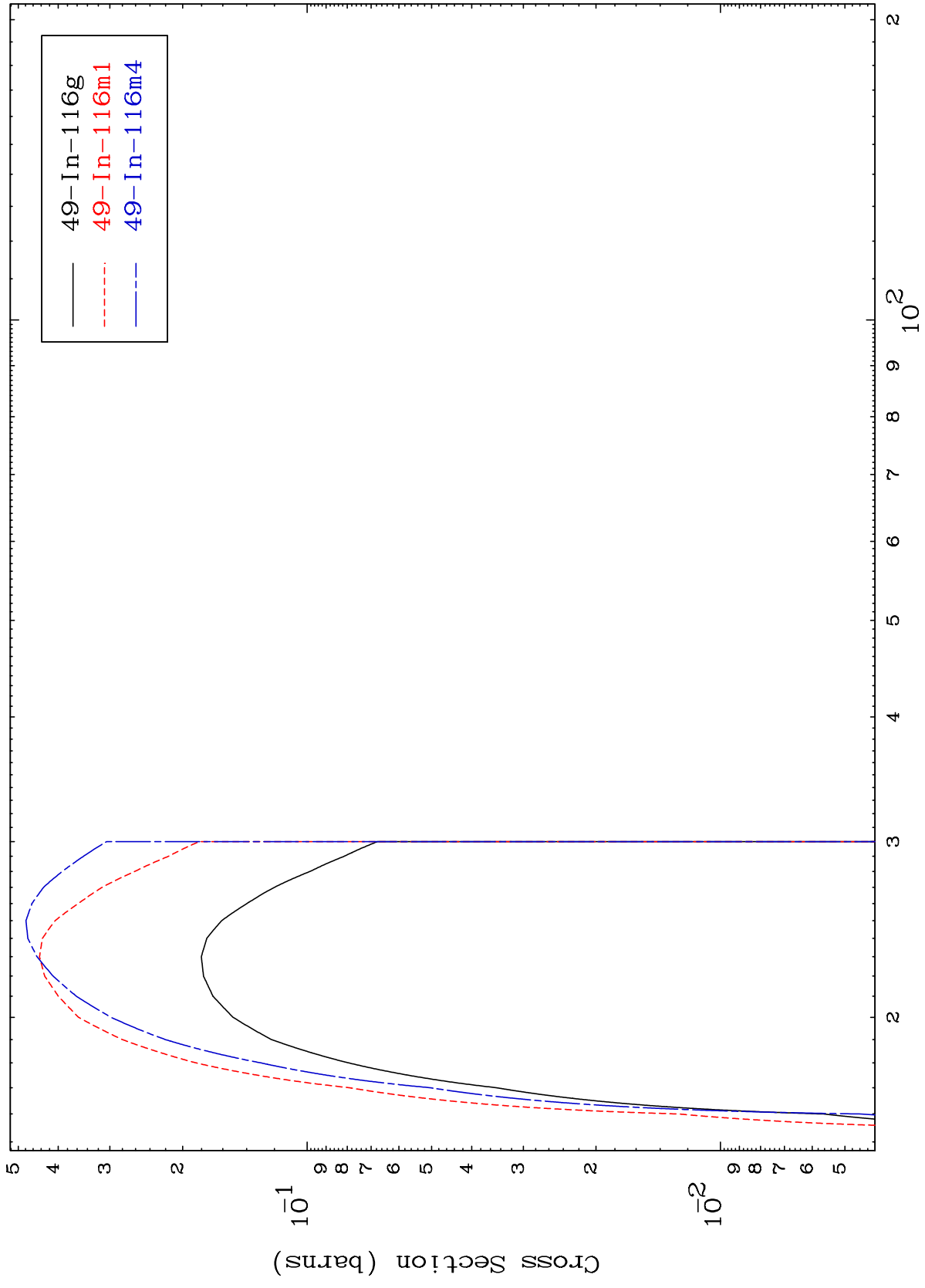
49-In-118

MAT 4940

(n,3n)

49-In-118

Radionuclide Production Cross Section



123

Incident Energy (MeV)

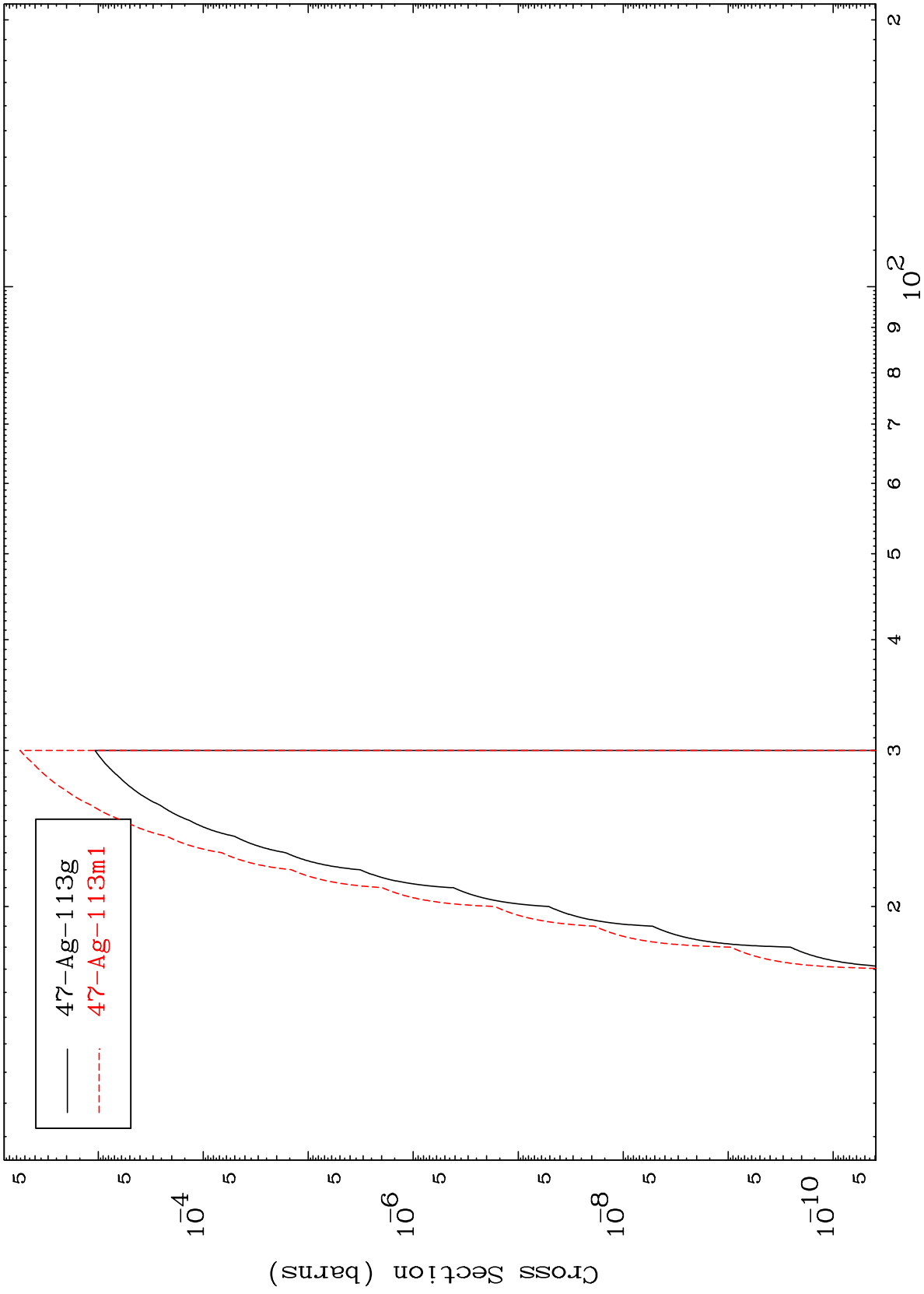
49-In-118

MAT 4940

(n,2n) α

49-In-118

Radionuclide Production Cross Section



124

Incident Energy (MeV)

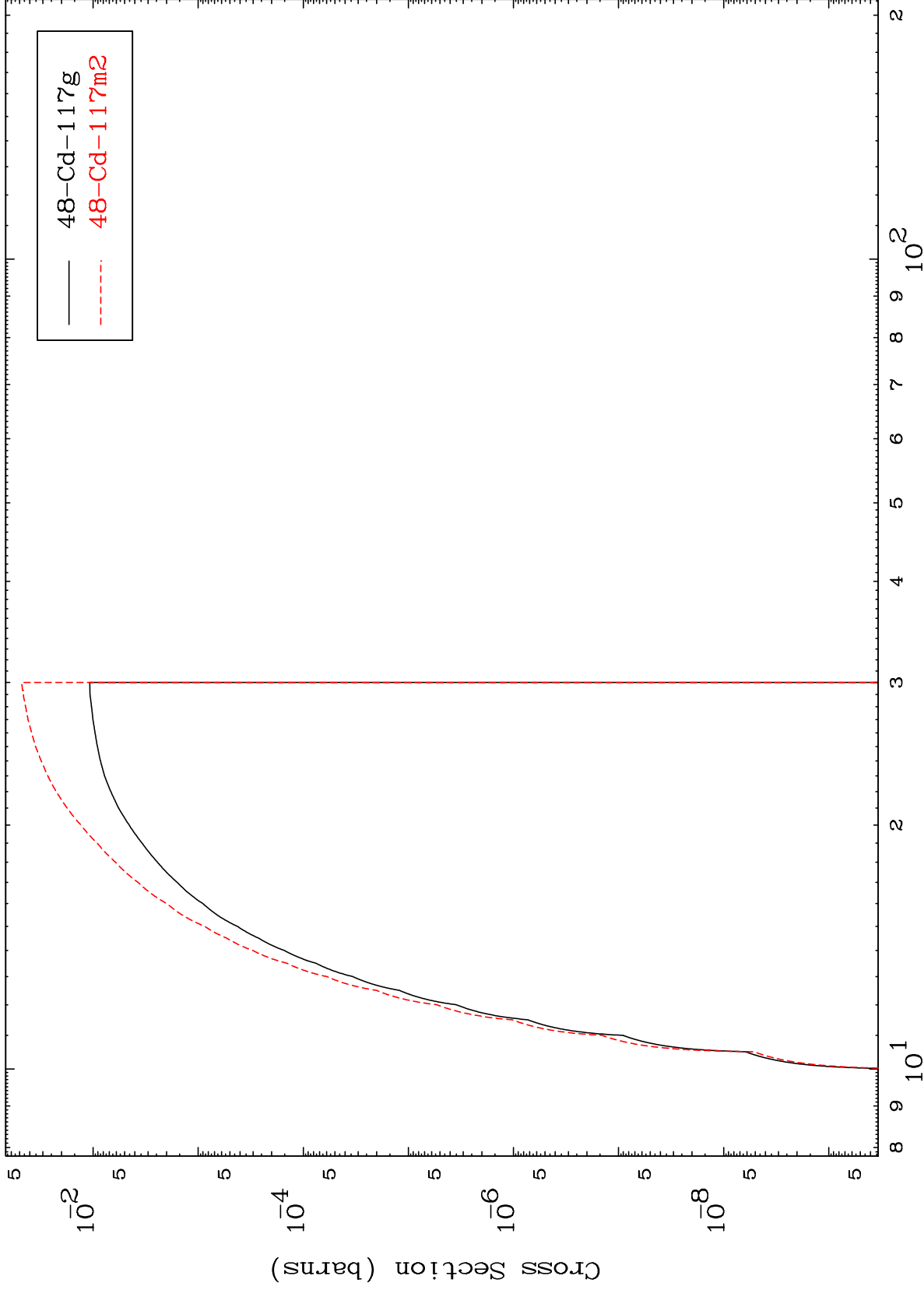
49-In-118

MAT 4940

(n,n') p

49-In-118

Radionuclide Production Cross Section



125

Incident Energy (MeV)

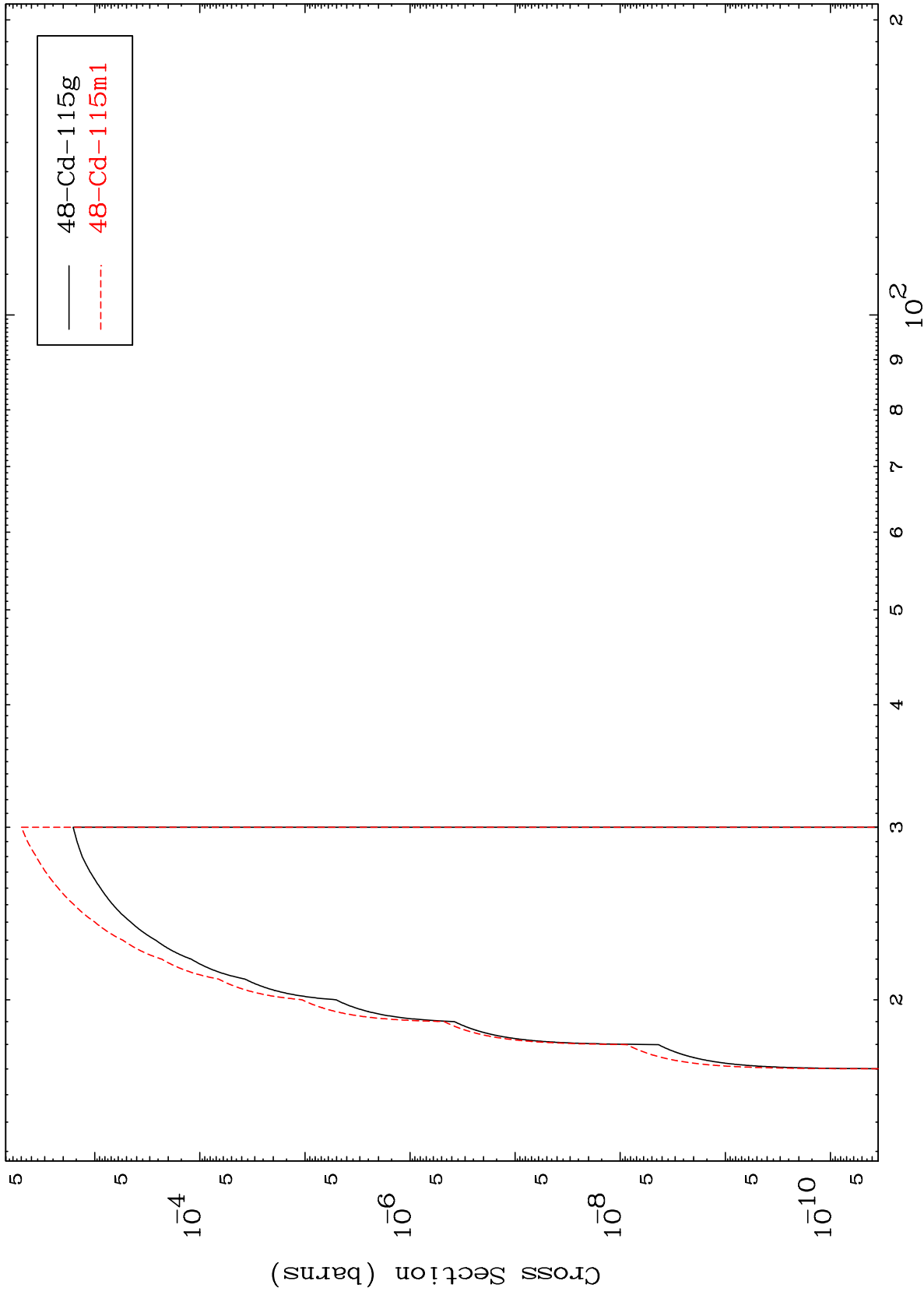
49-In-118

MAT 4940

(n,n') t

49-In-118

Radionuclide Production Cross Section



126

Incident Energy (MeV)

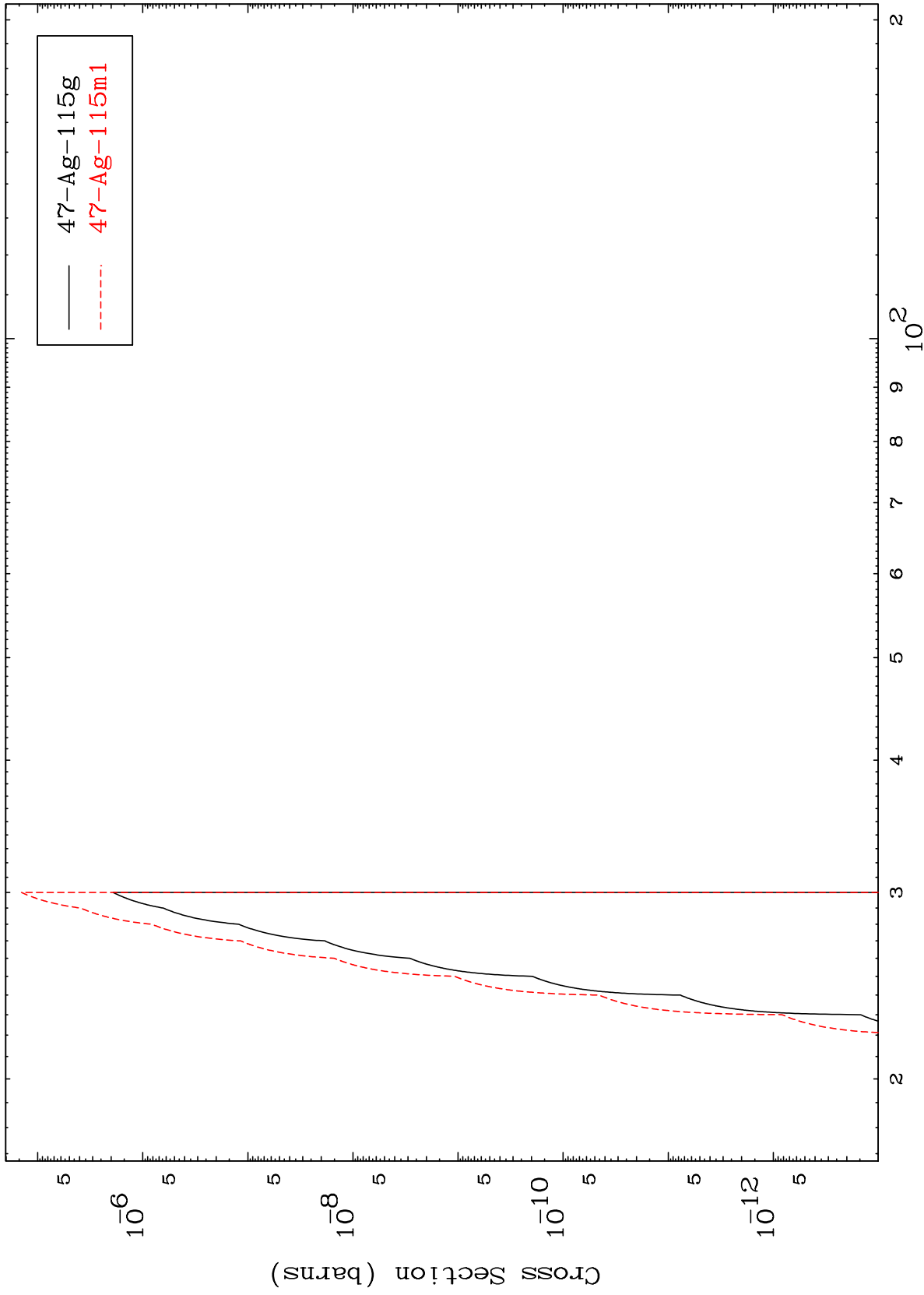
49-In-118

MAT 4940

(n, n') He-3

49-In-118

Radionuclide Production Cross Section



127

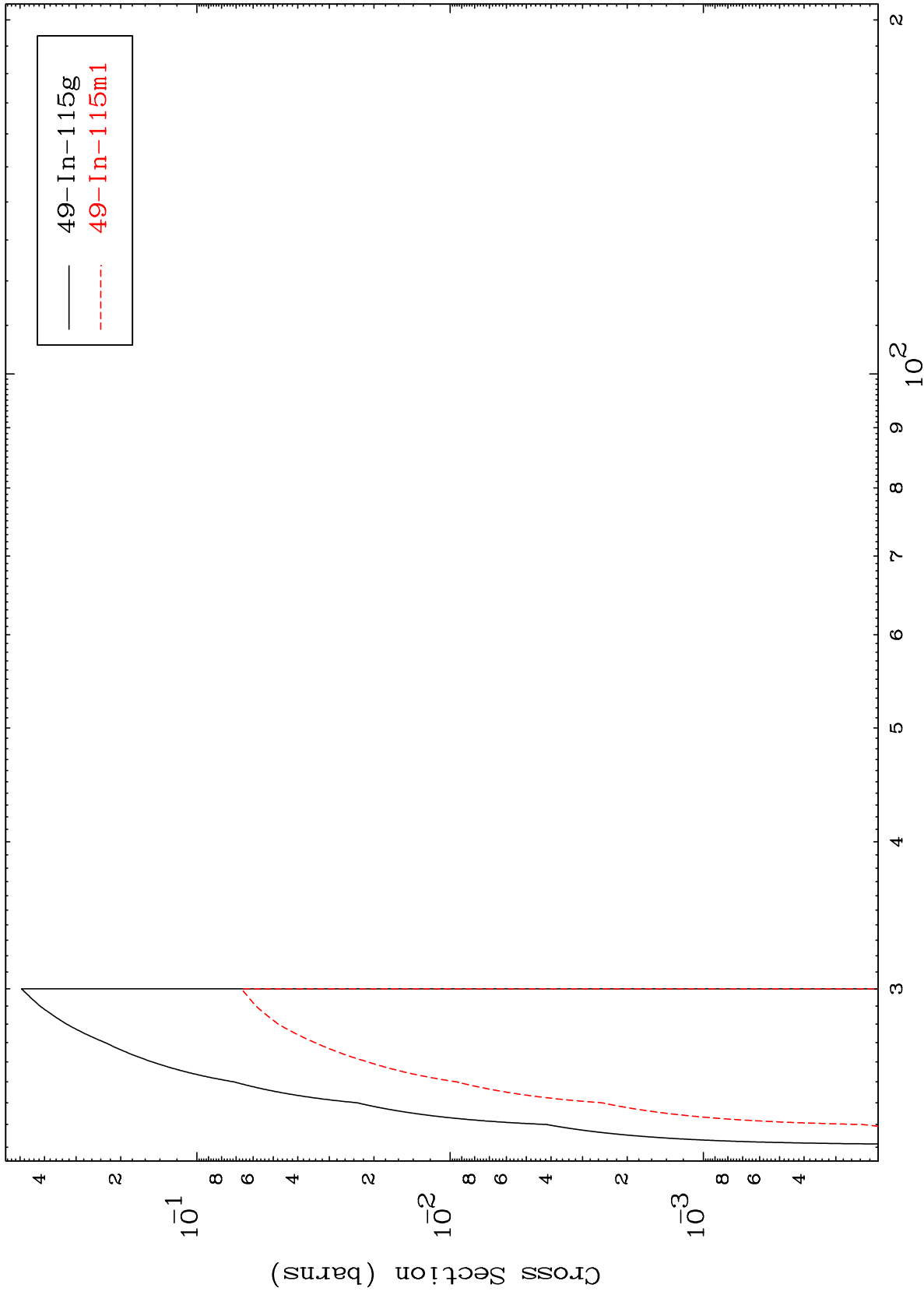
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

(n,4n)
Radionuclide Production Cross Section



128

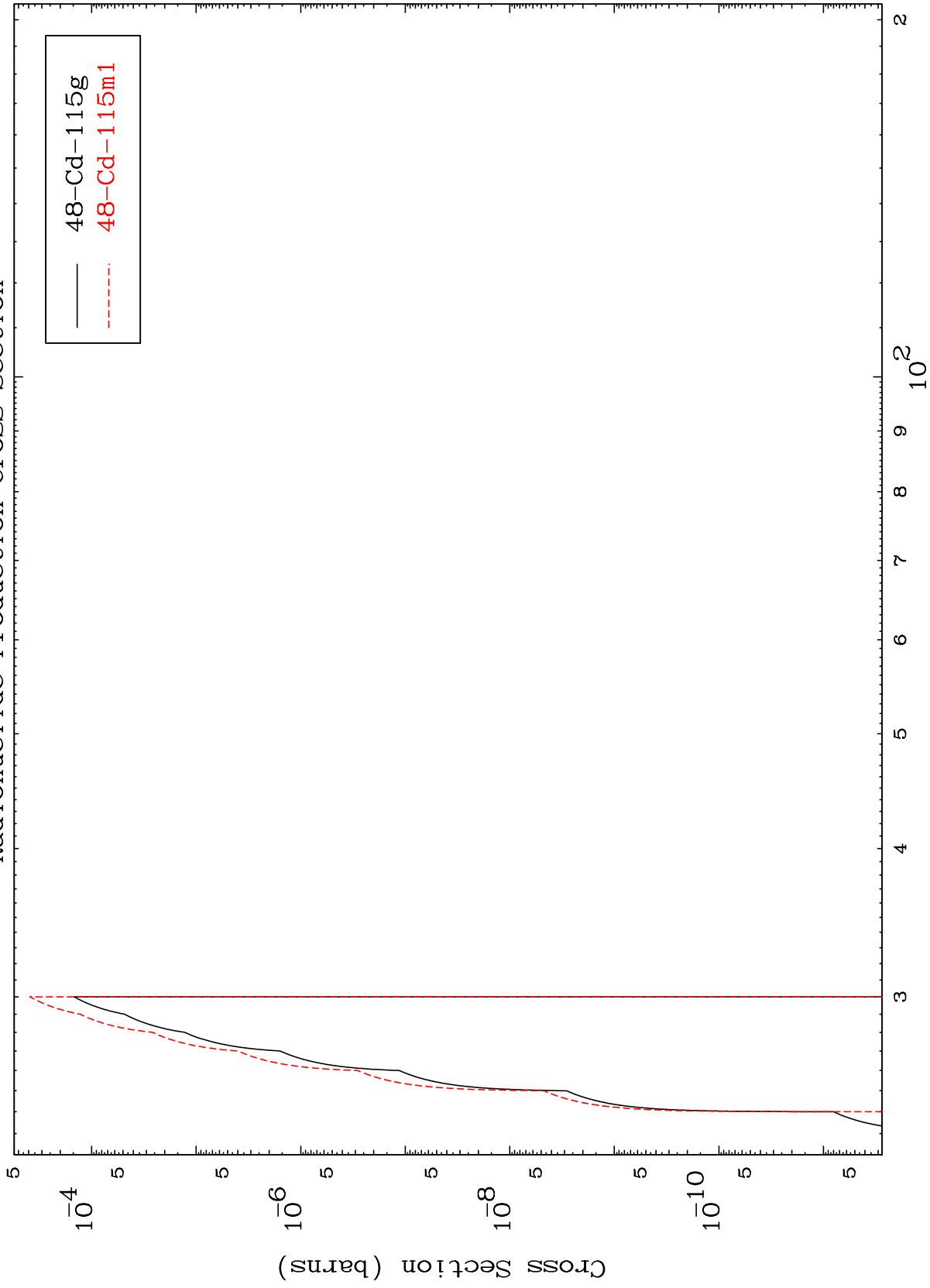
49-In-118

MAT 4940

(n,3n) p

49-In-118

Radionuclide Production Cross Section



129

Incident Energy (MeV)

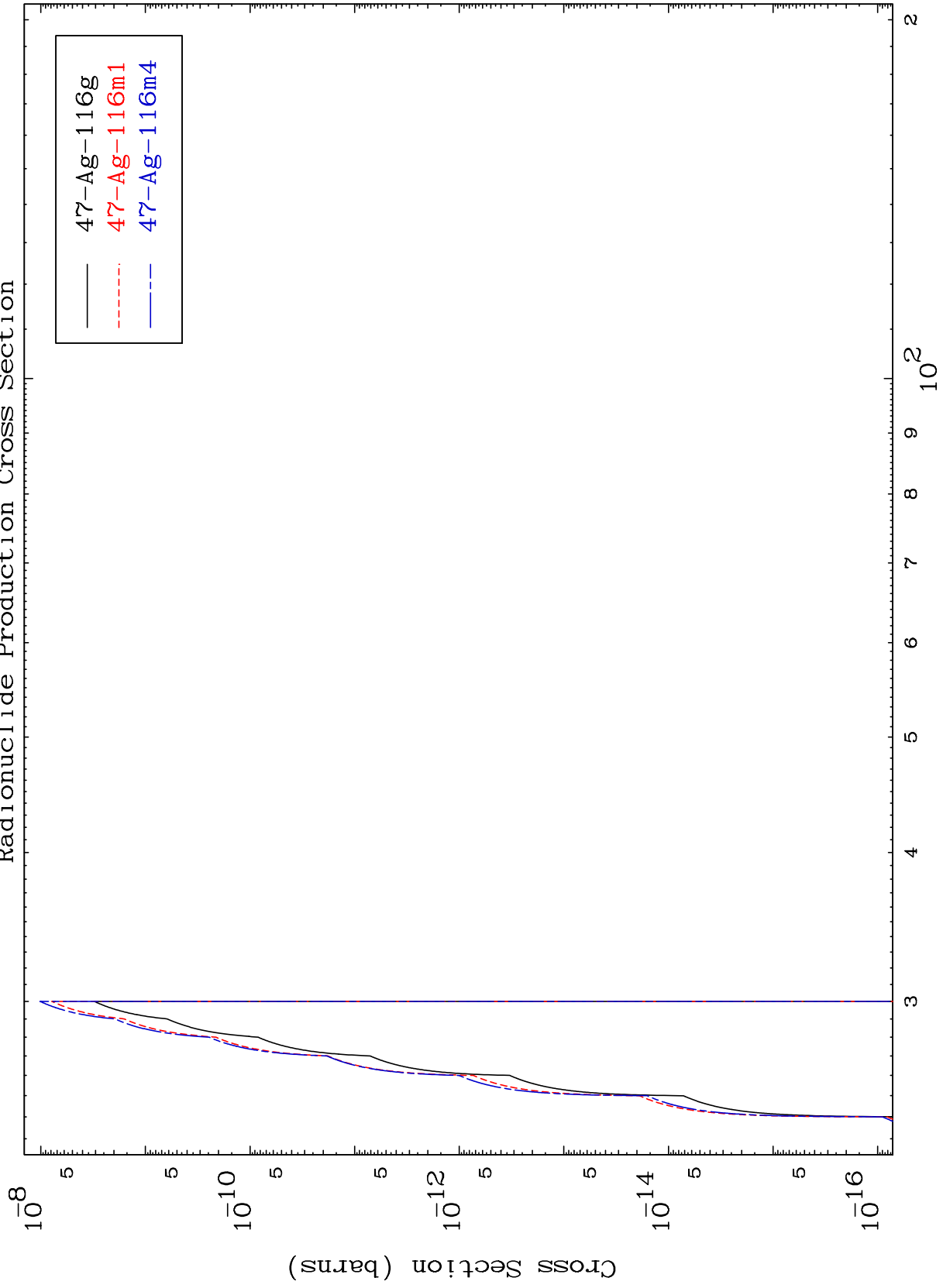
49-In-118

MAT 4940

(n,2n) p

49-In-118

Radionuclide Production Cross Section



130

Incident Energy (MeV)

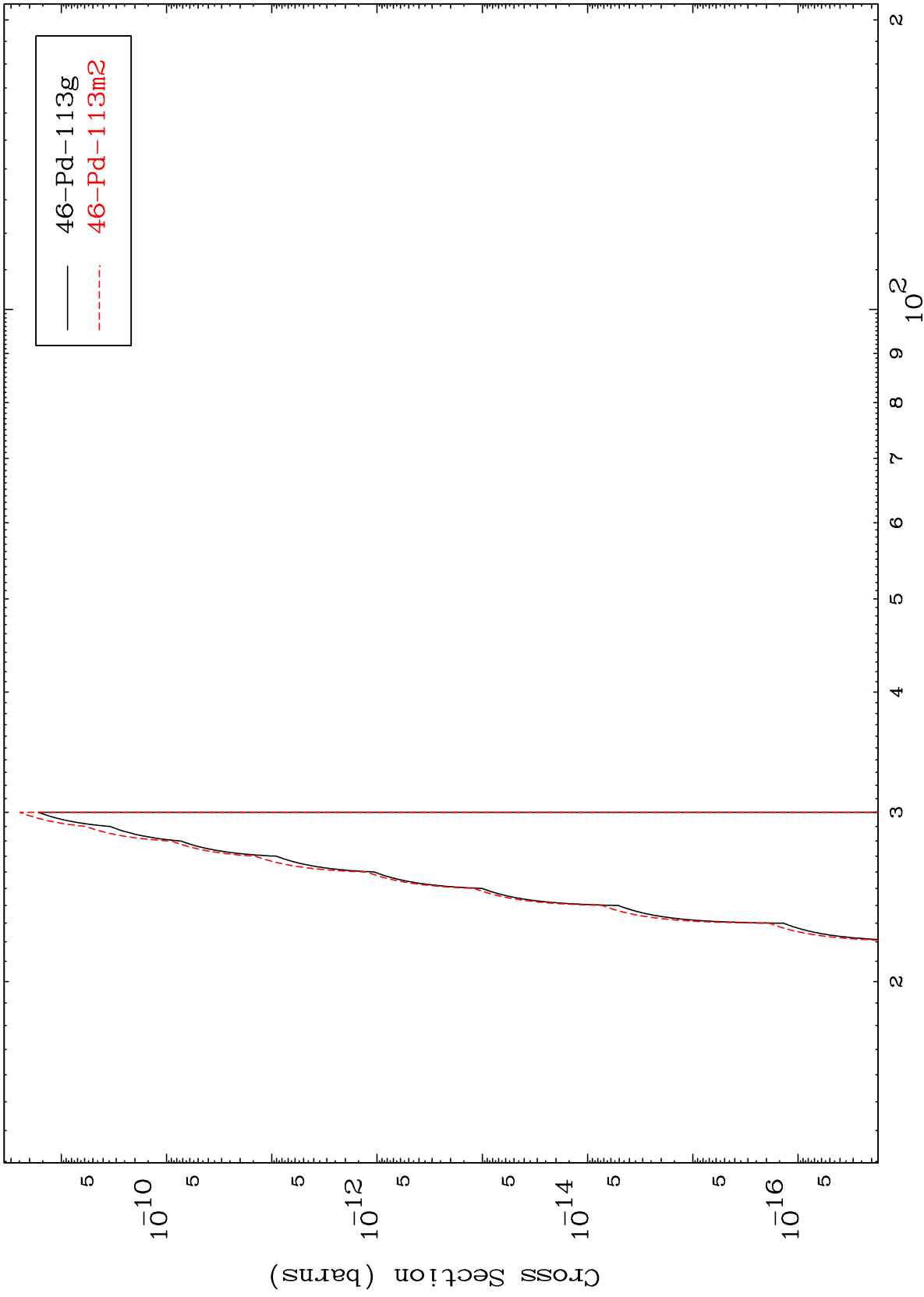
49-In-118

MAT 4940

(n,n') p α

49-In-118

Radionuclide Production Cross Section



131

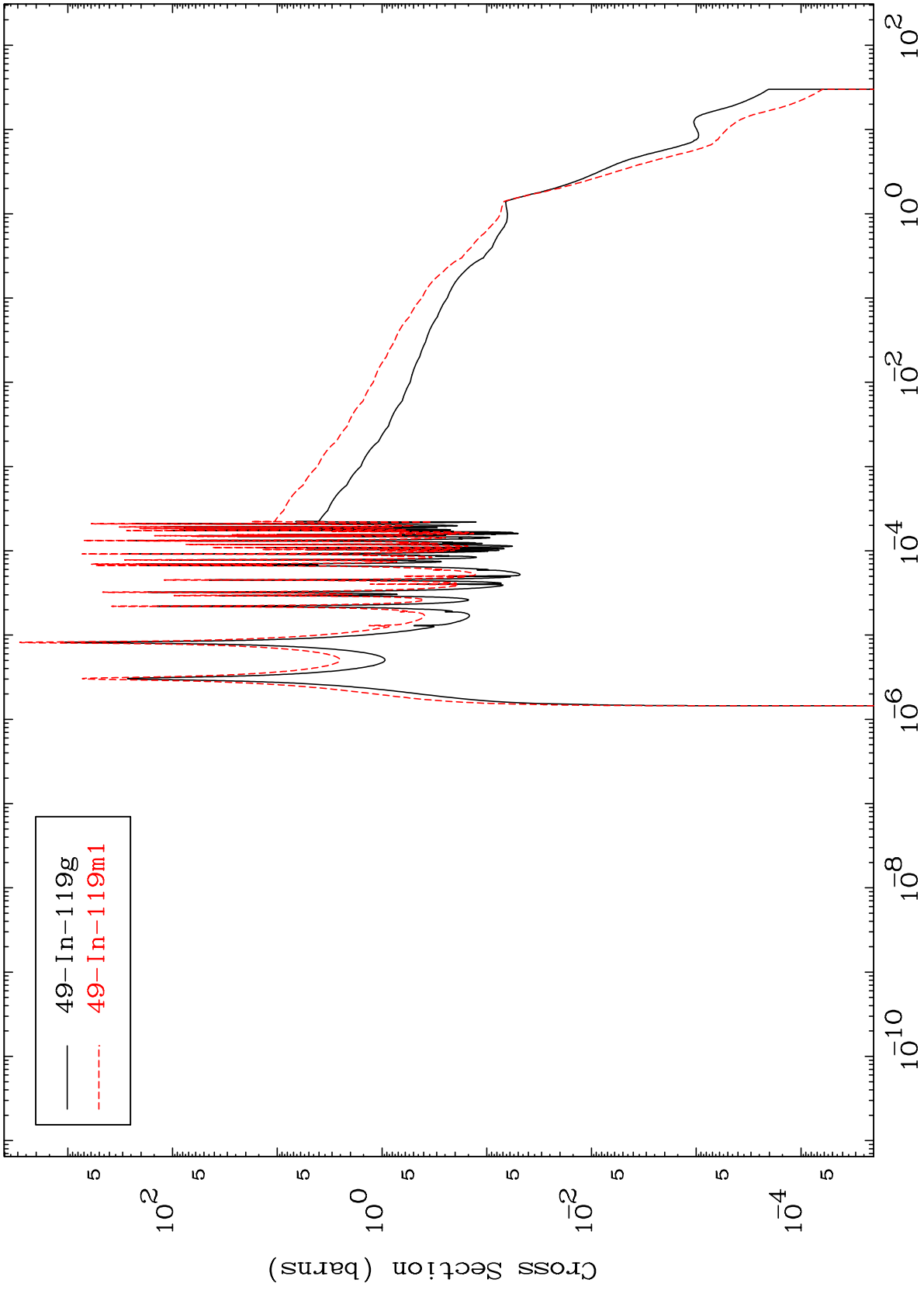
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Radionuclide Production Cross Section



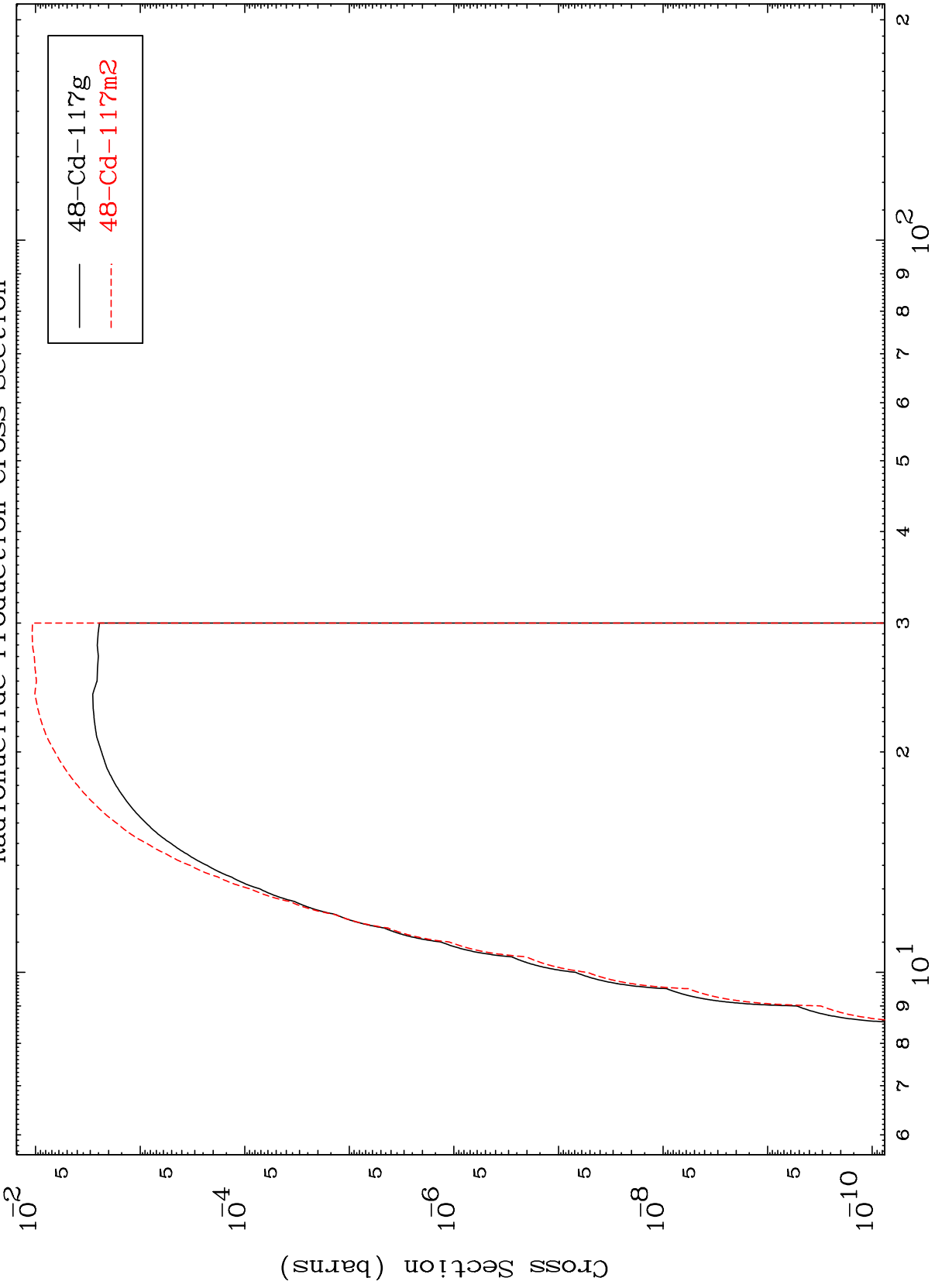
132

49-In-118

MAT 4940

49-In-118

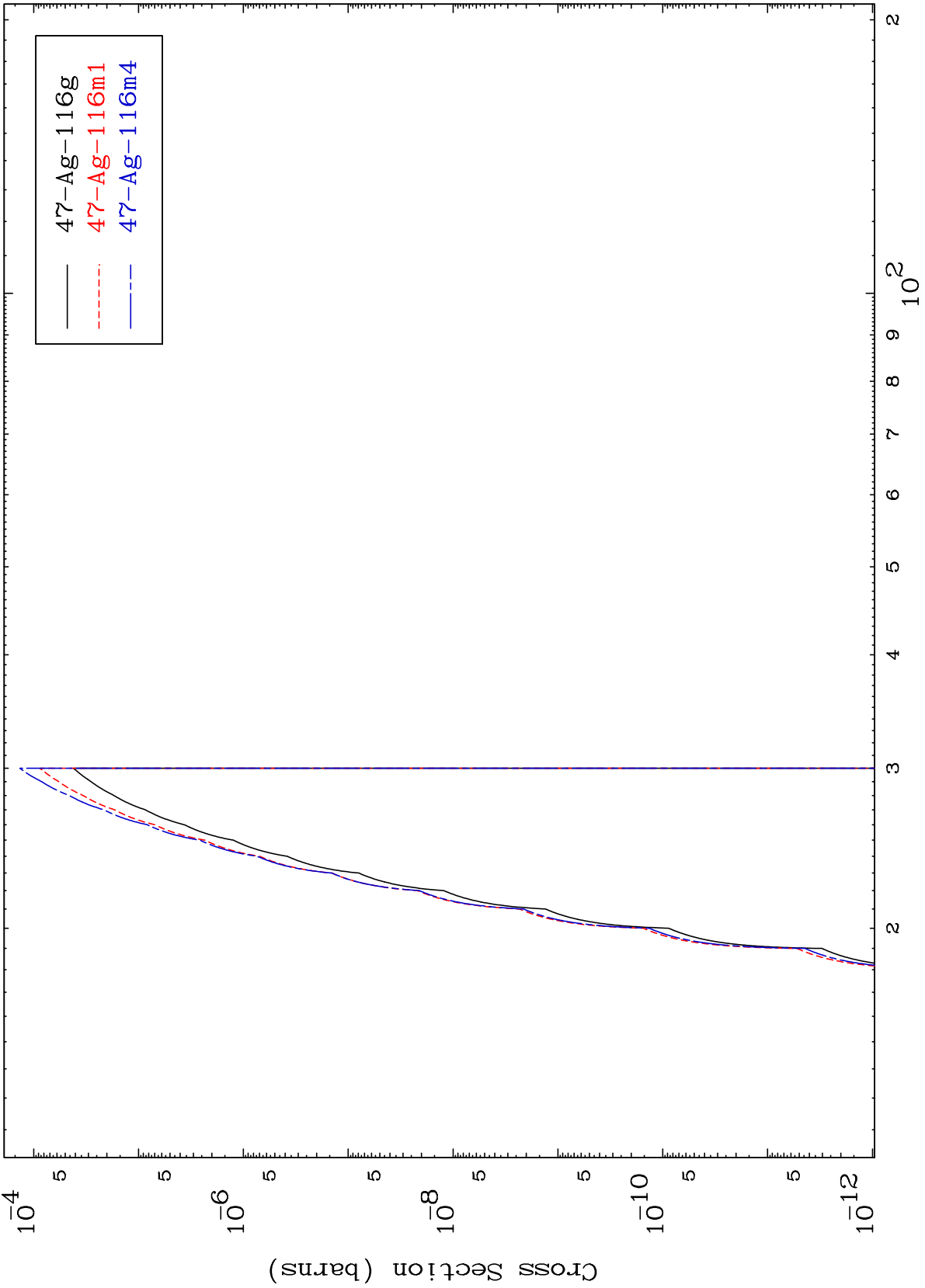
(n,d)
Radionuclide Production Cross Section



133

49-In-118

Radionuclide Production Cross Section

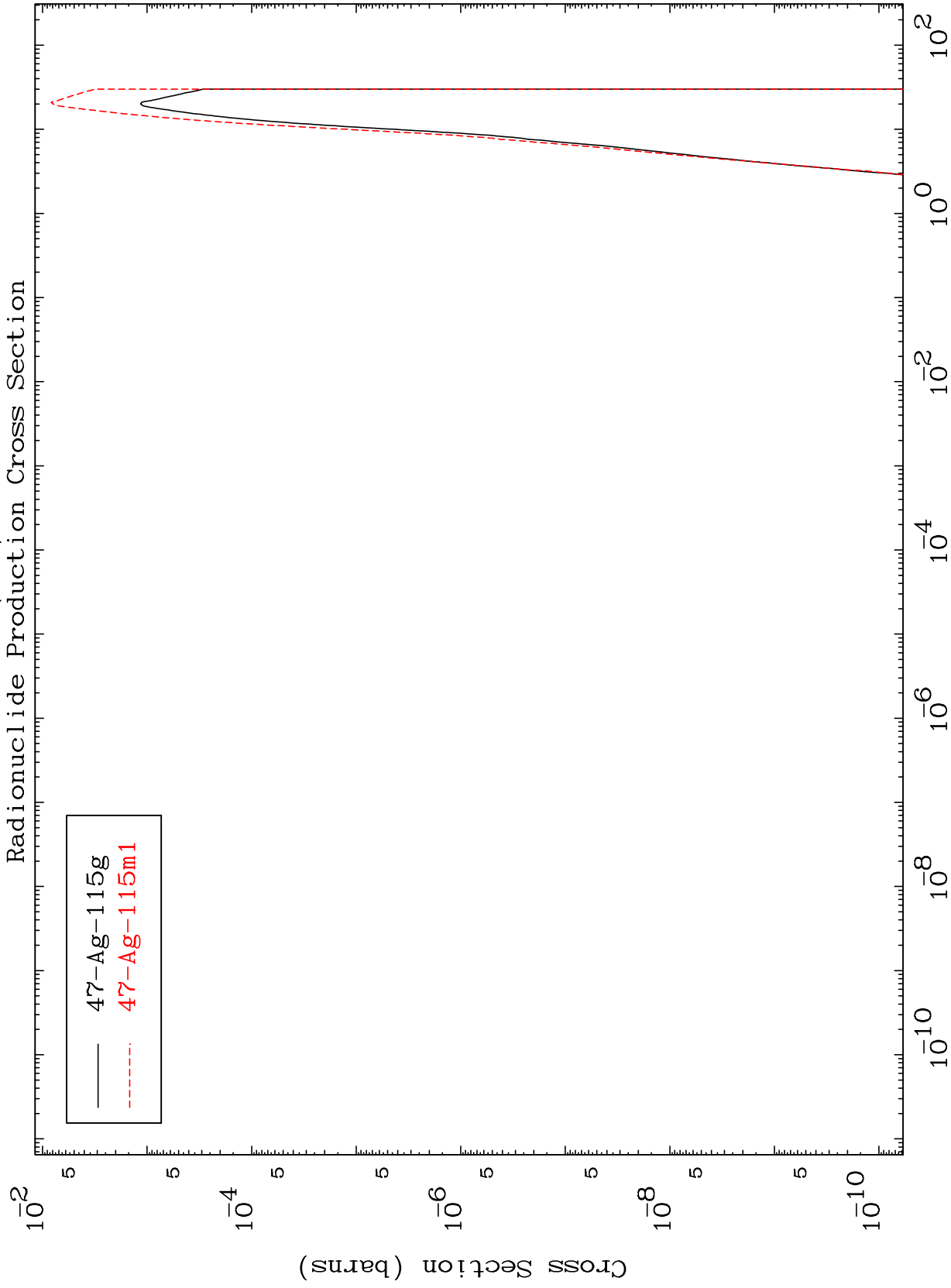


MAT 4940

(n, α)

49-In-118

Radionuclide Production Cross Section



47-Ag-115g
47-Ag-115m1

135

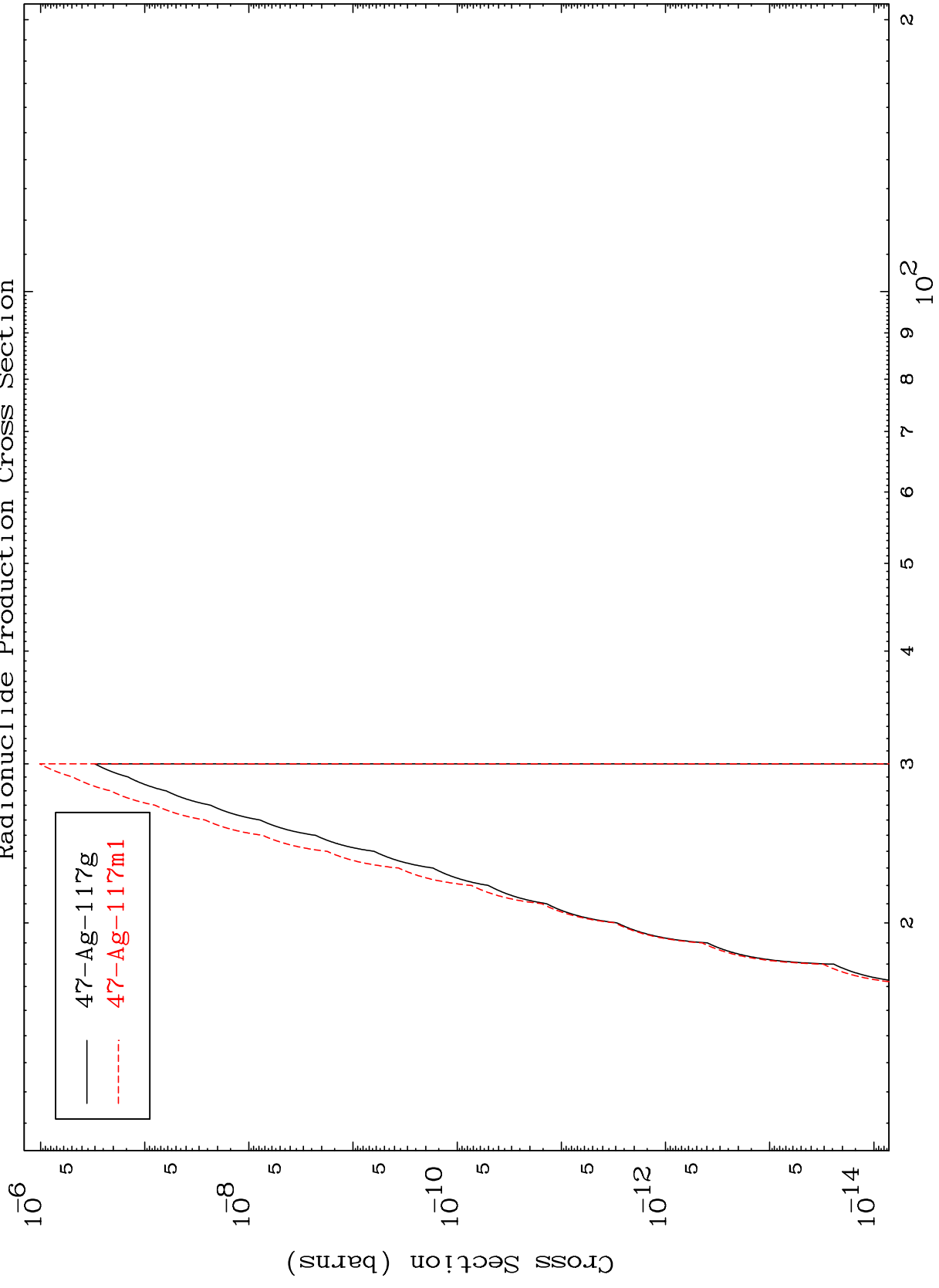
Incident Energy (MeV)

49-In-118

MAT 4940

49-In-118

Radionuclide Production Cross Section
(n,2p)



136

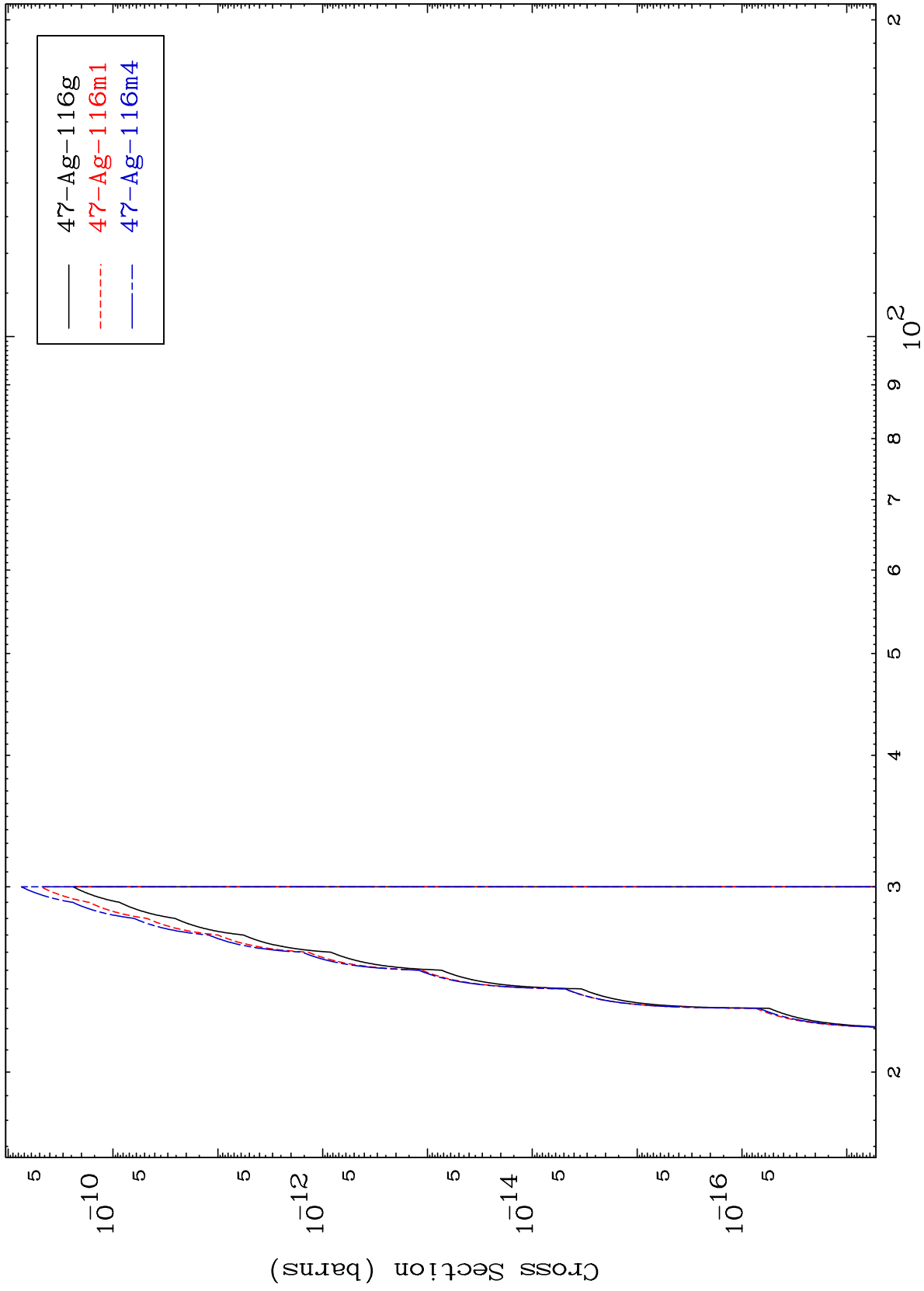
49-In-118

MAT 4940

(n,p) d

49-In-118

Radionuclide Production Cross Section



137

Incident Energy (MeV)

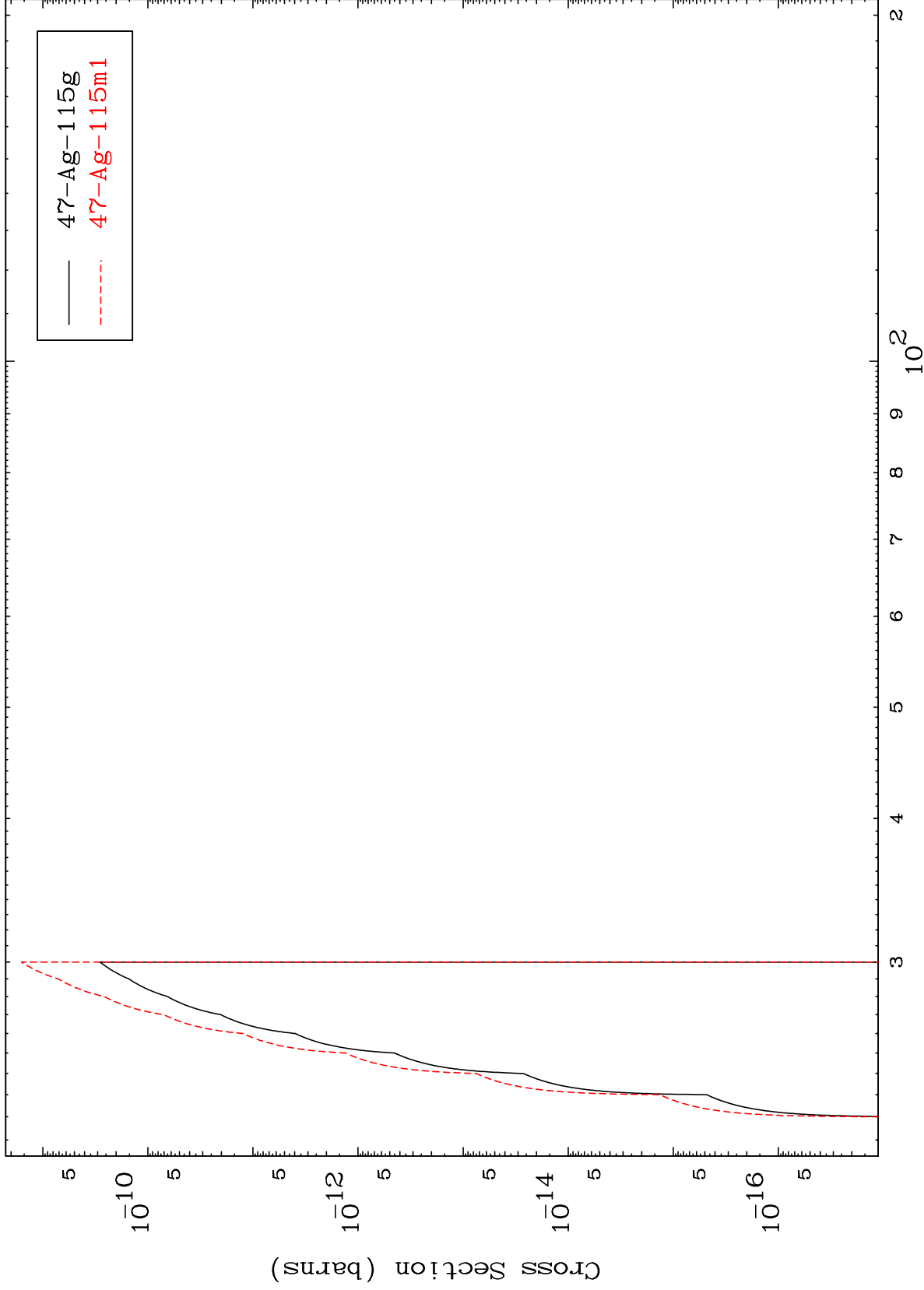
49-In-118

MAT 4940

(n,p) t

49-In-118

Radionuclide Production Cross Section



138

Incident Energy (MeV)

49-In-118