

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

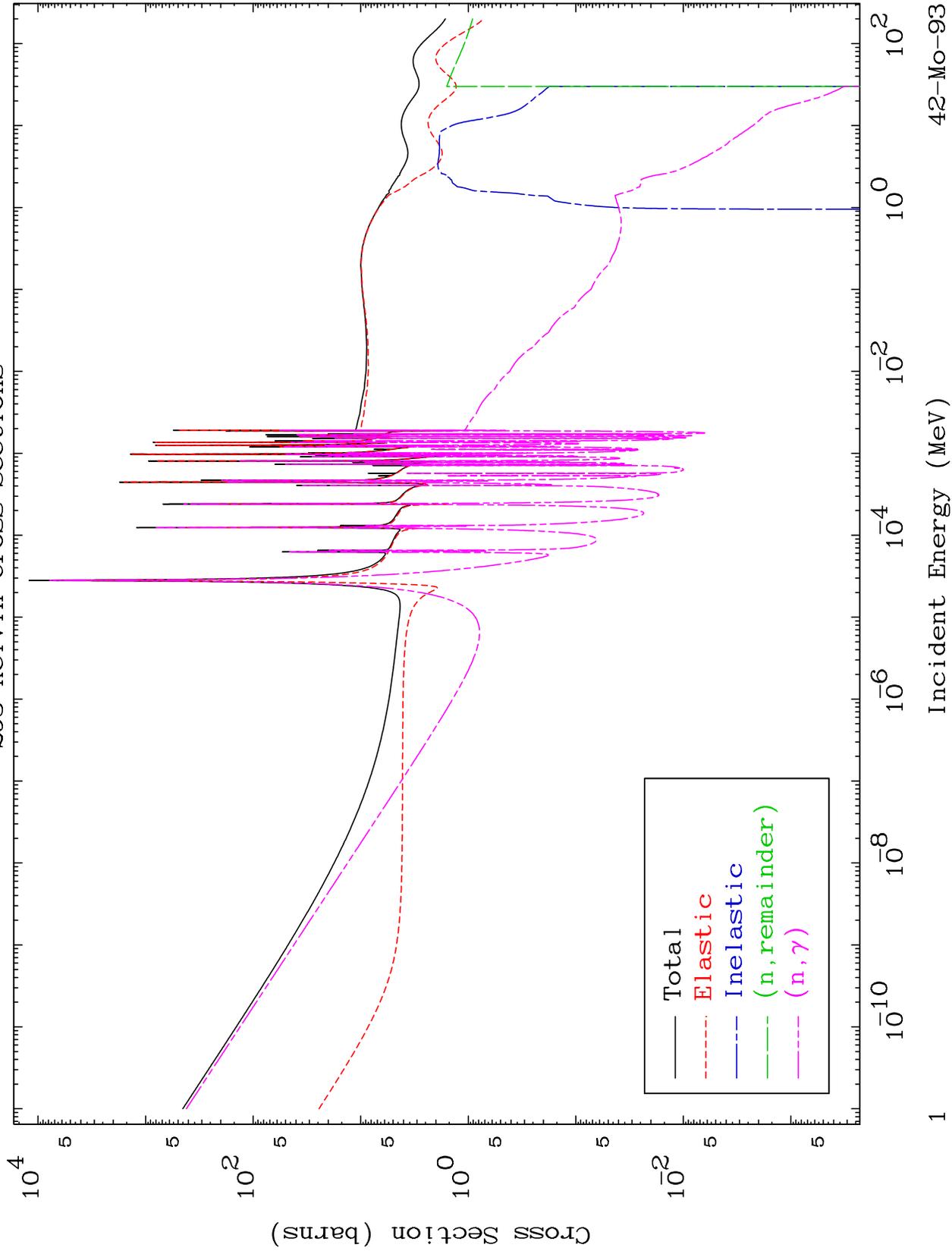
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4228

Major
293 Kelvin Cross Sections

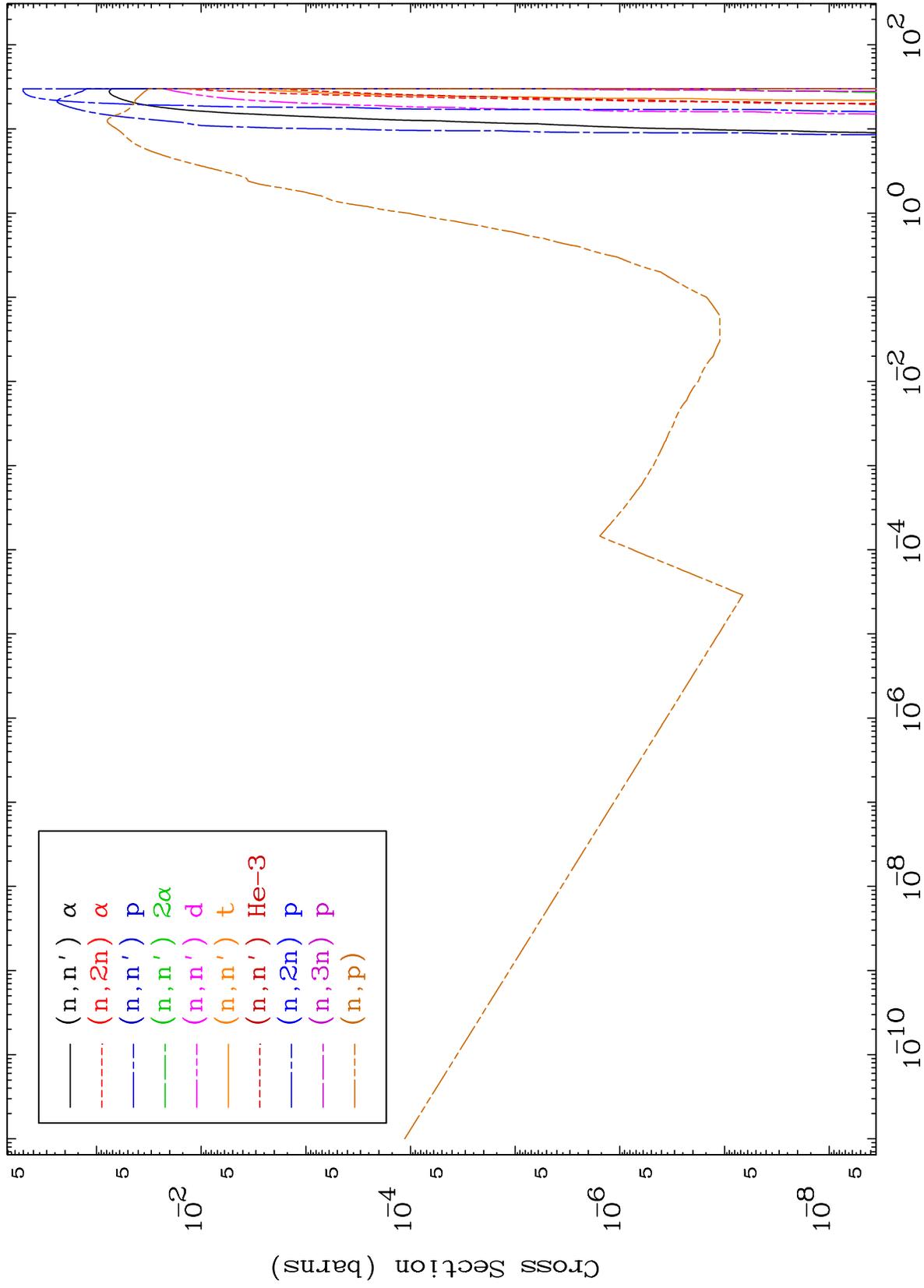
42-Mo-93



MAT 4228

Charged Particle
293 Kelvin Cross Sections

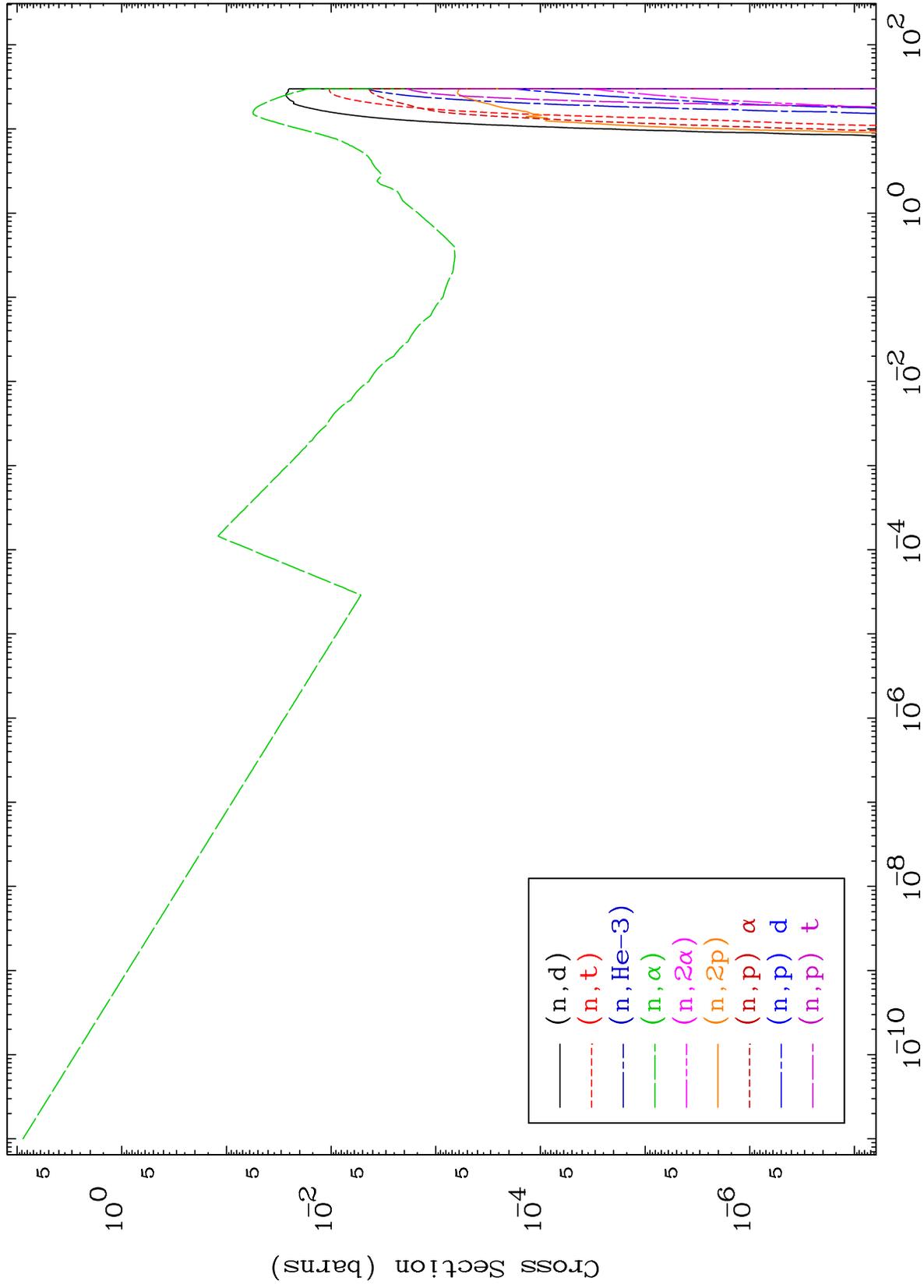
42-Mo-93



MAT 4228

Charged Particle
293 Kelvin Cross Sections

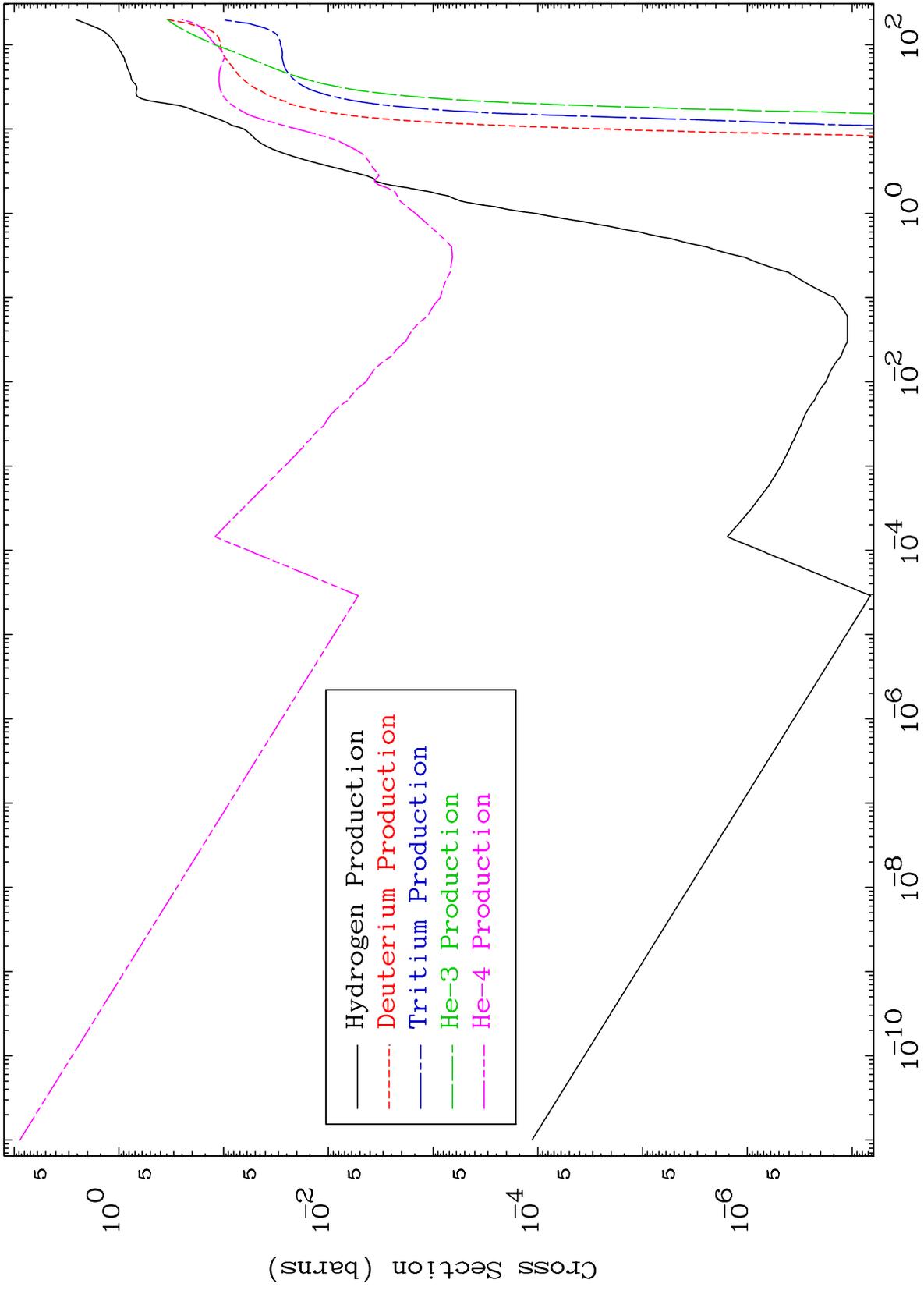
42-Mo-93



MAT 4228

Particle Production
293 Kelvin Cross Sections

42-Mo-93



5

Incident Energy (MeV)

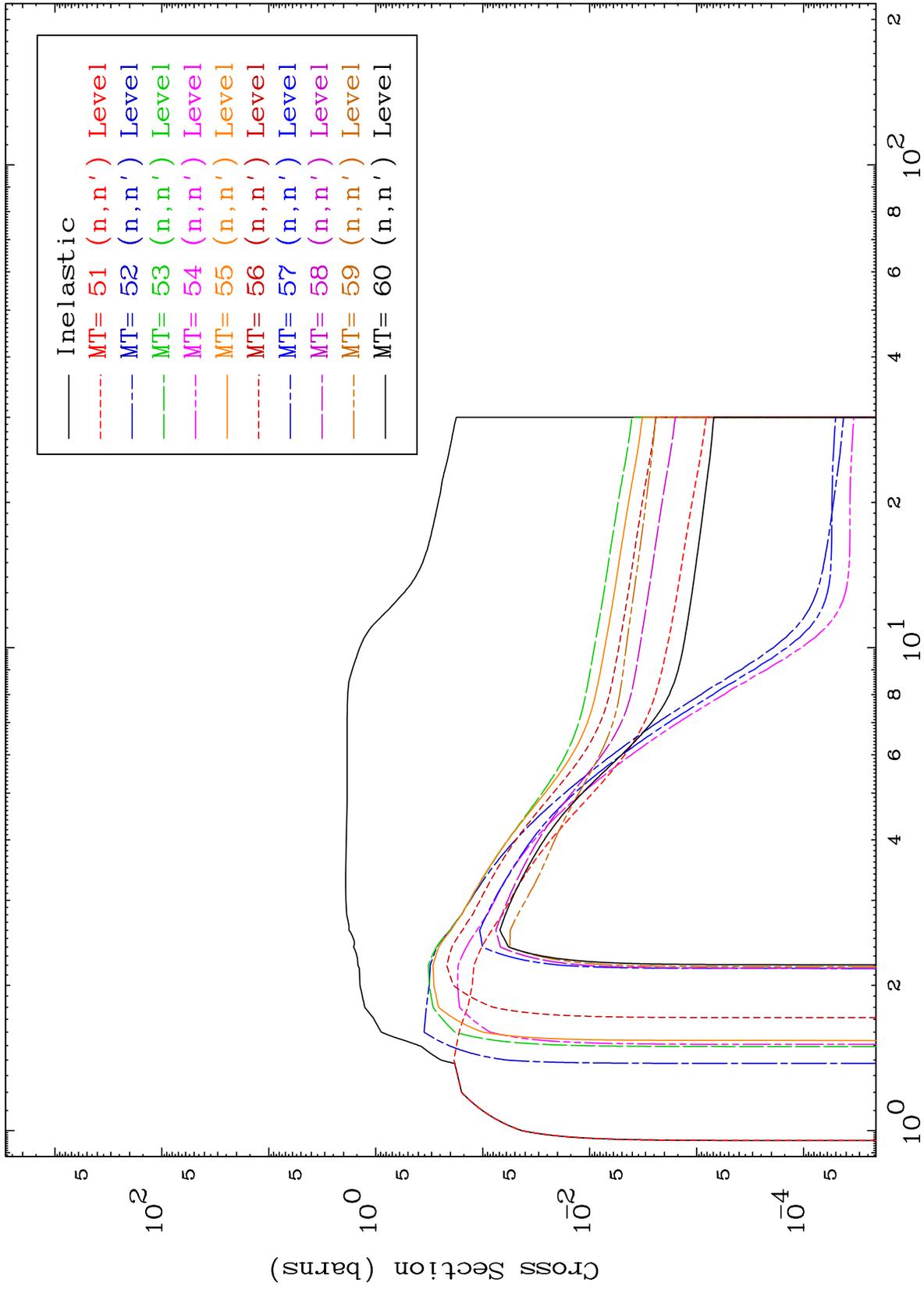
42-Mo-93

MAT 4228

(n,n') Level

42-Mo-93

293 Kelvin Cross Sections



Incident Energy (MeV)

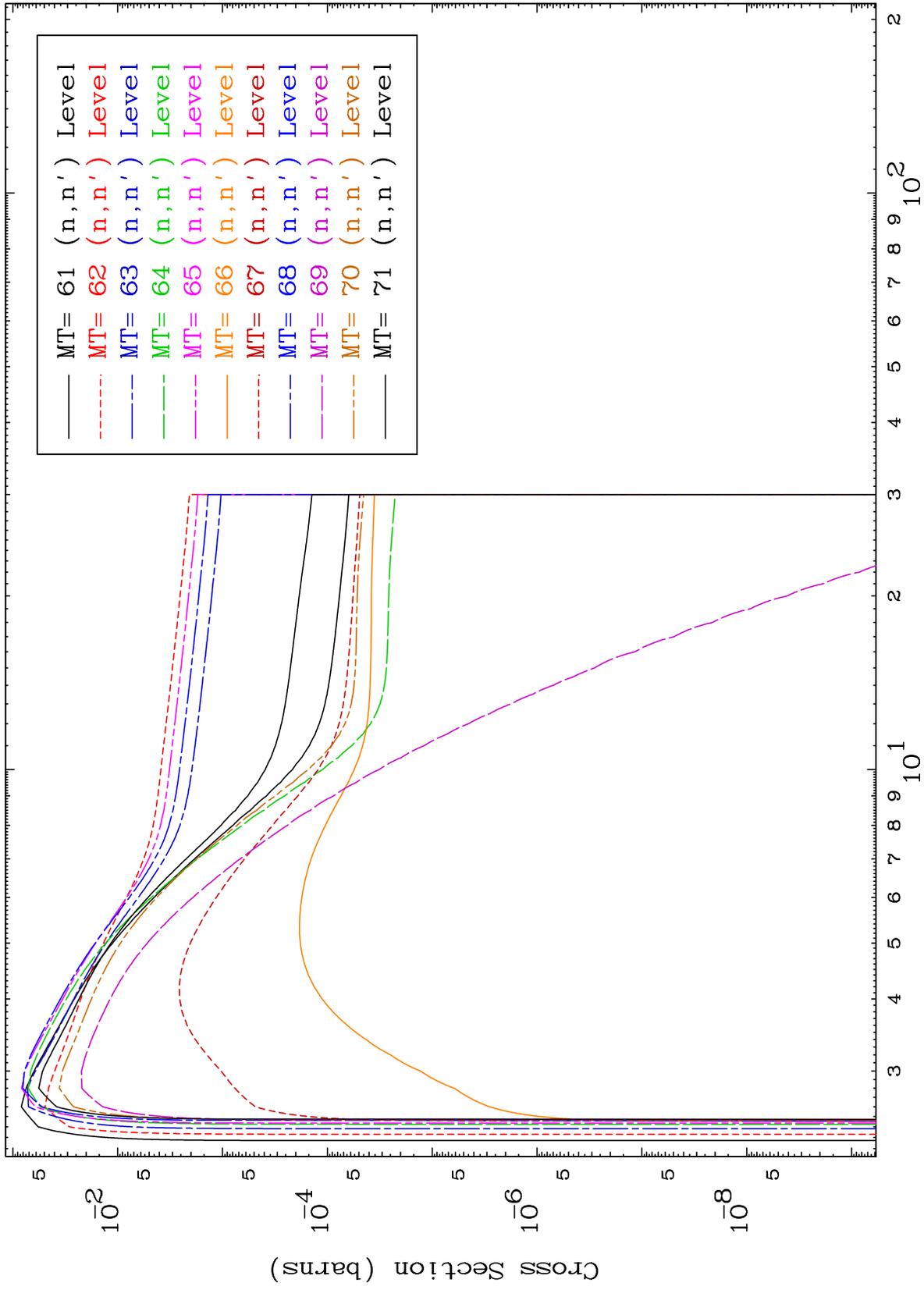
42-Mo-93

MAT 4228

(n,n') Level

42-Mo-93

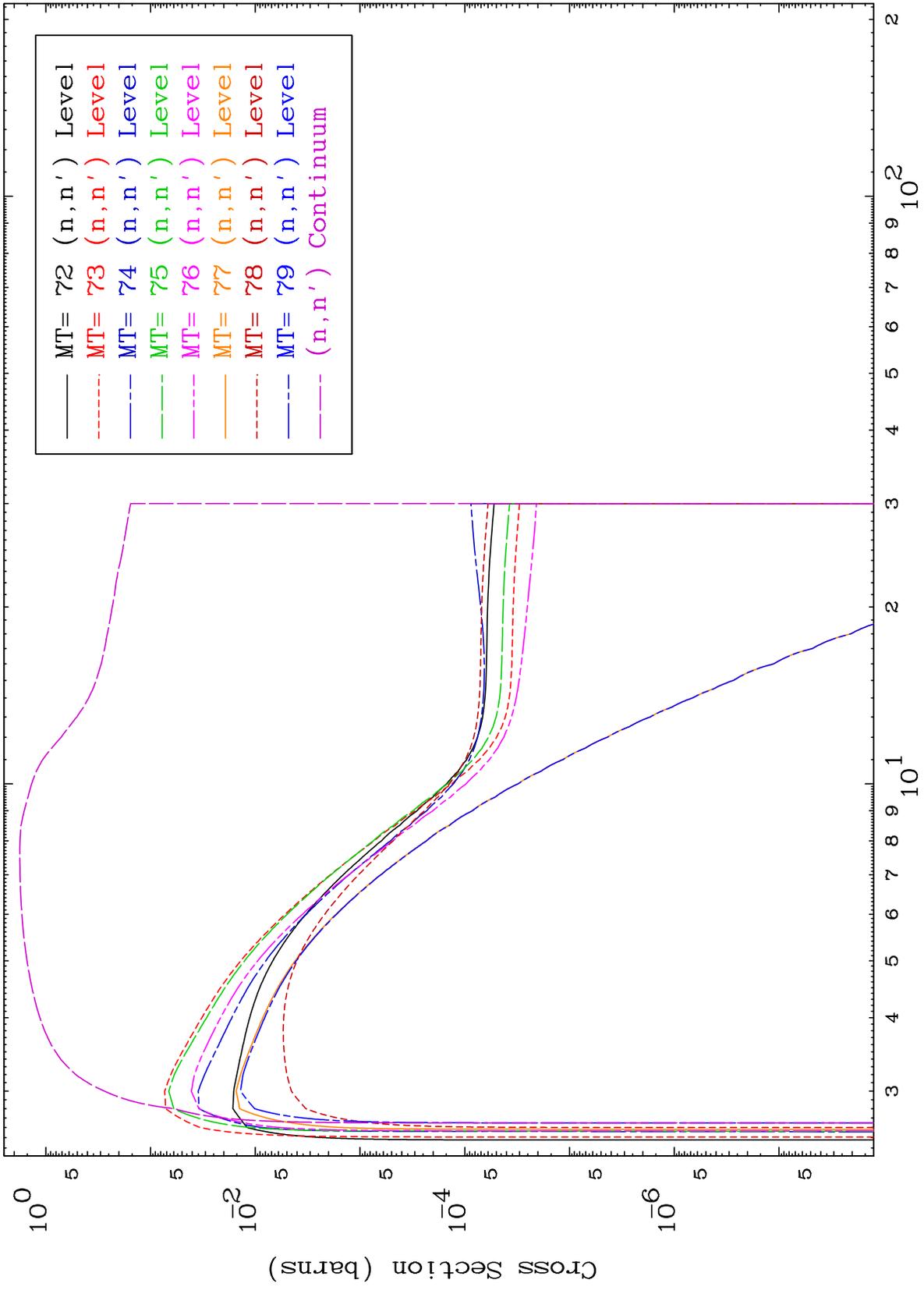
293 Kelvin Cross Sections



7

Incident Energy (MeV)

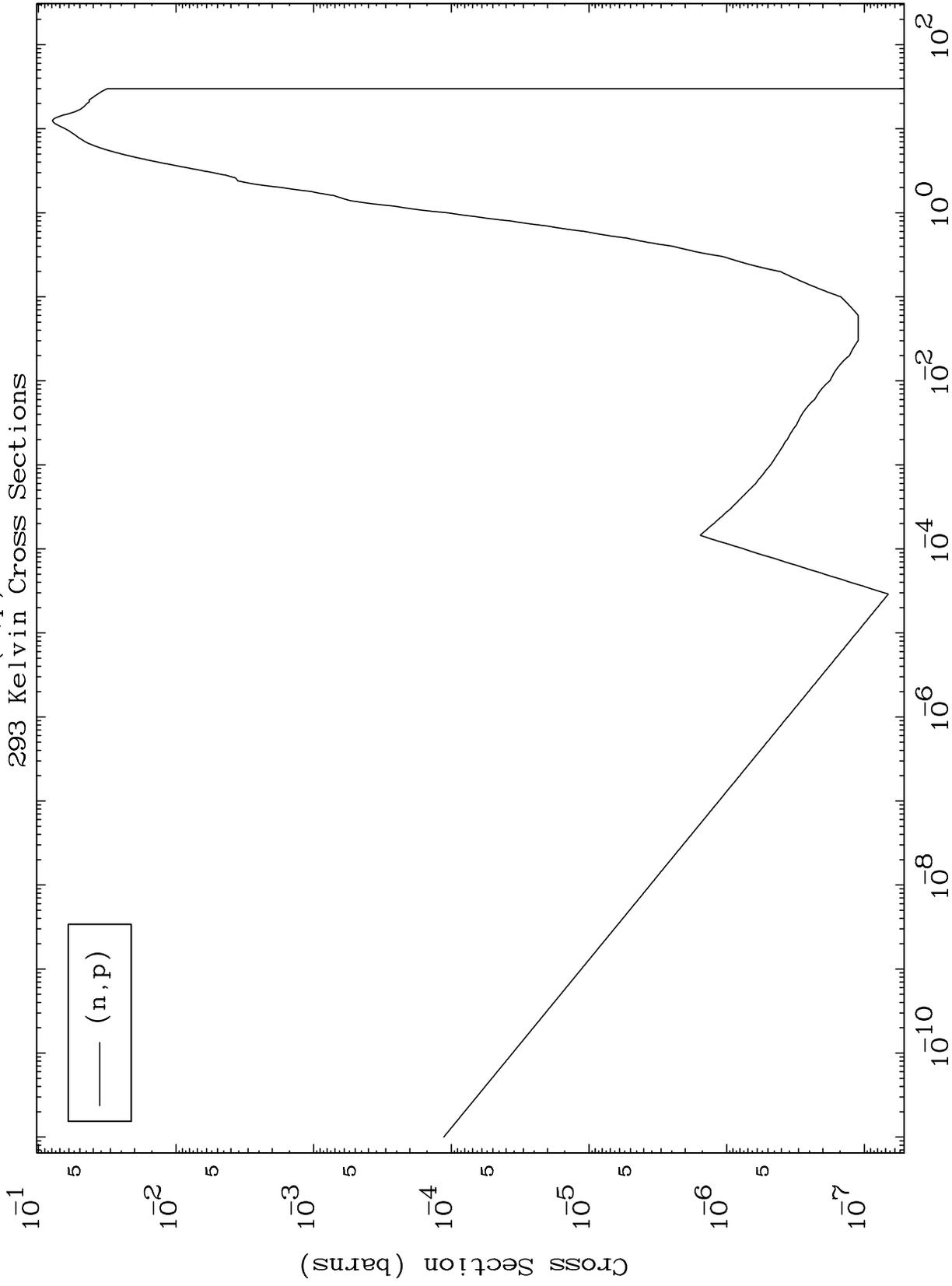
42-Mo-93



MAT 4228

(n,p) Levels
293 Kelvin Cross Sections

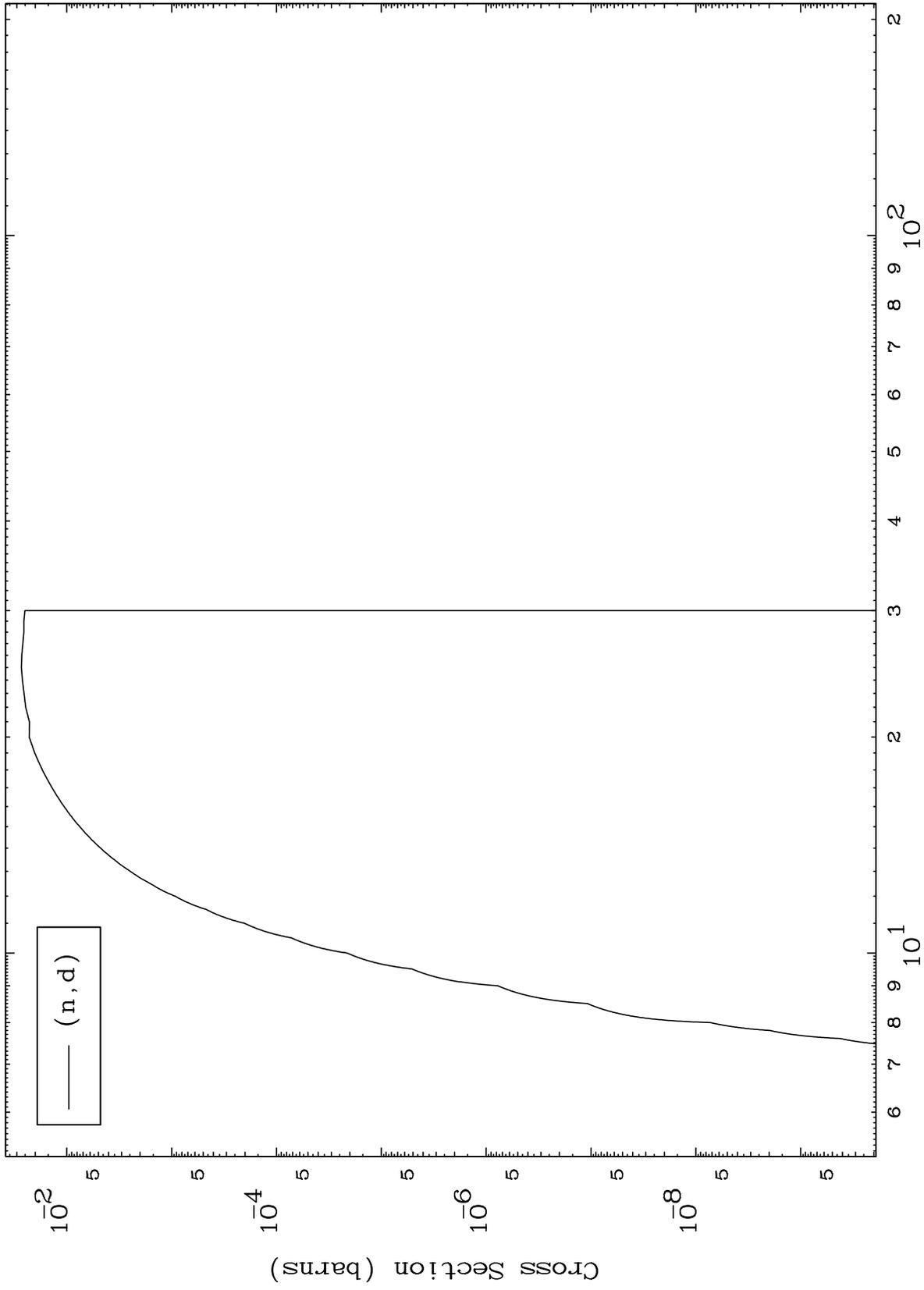
42-Mo-93



MAT 4228

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-93



10

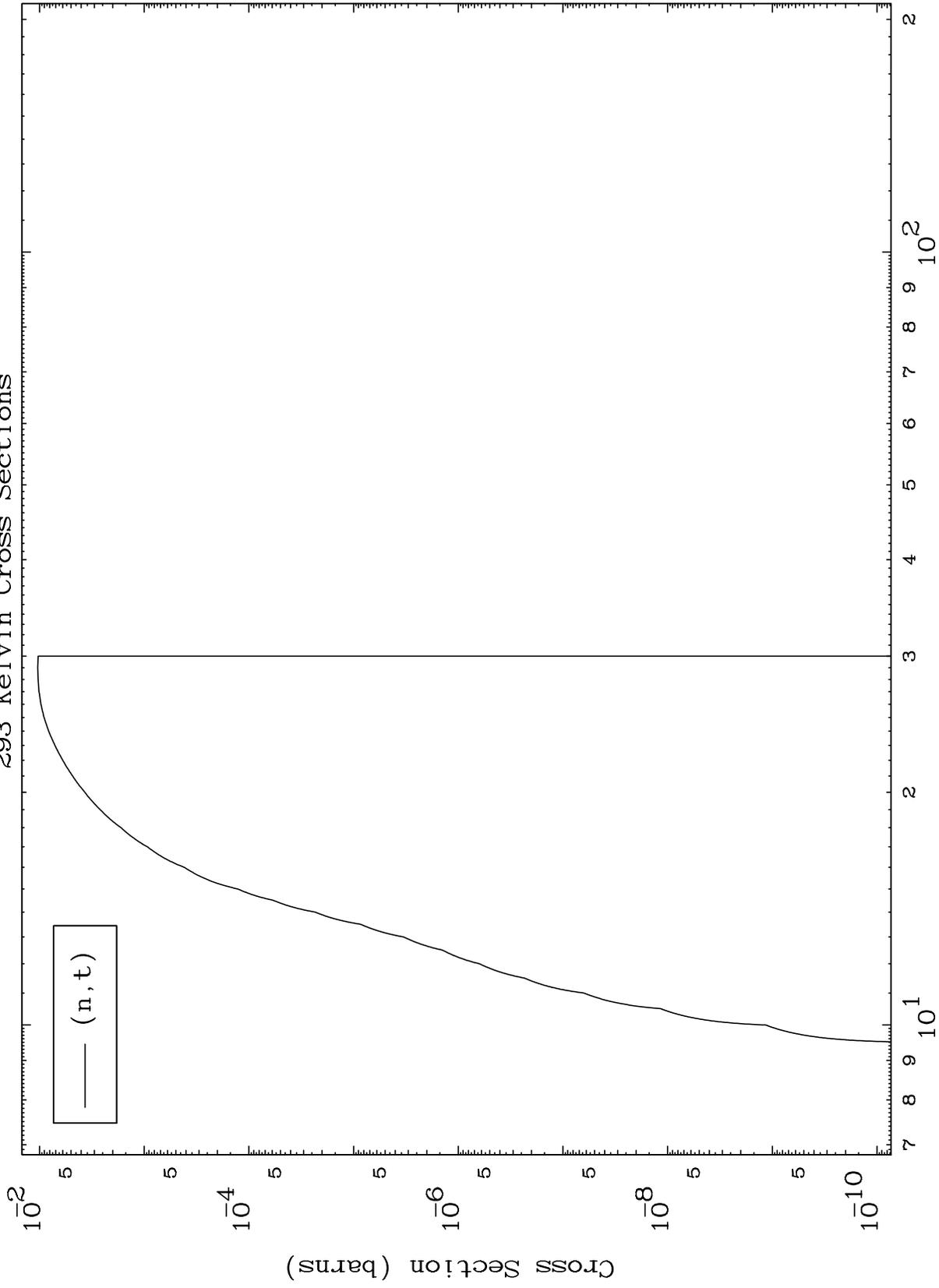
Incident Energy (MeV)

42-Mo-93

MAT 4228

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-93



11

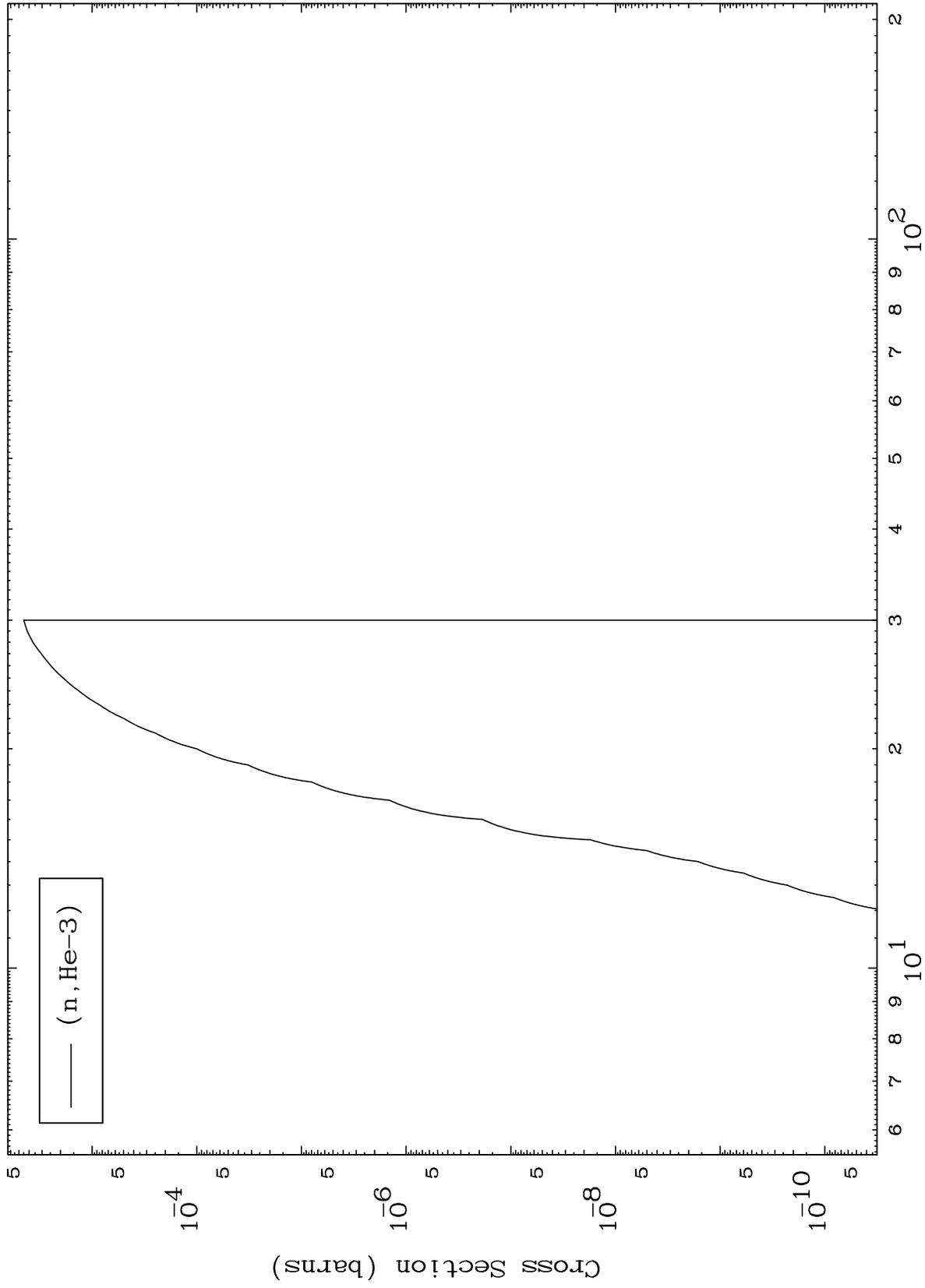
Incident Energy (MeV)

42-Mo-93

MAT 4228

(n,He3) Levels
293 Kelvin Cross Sections

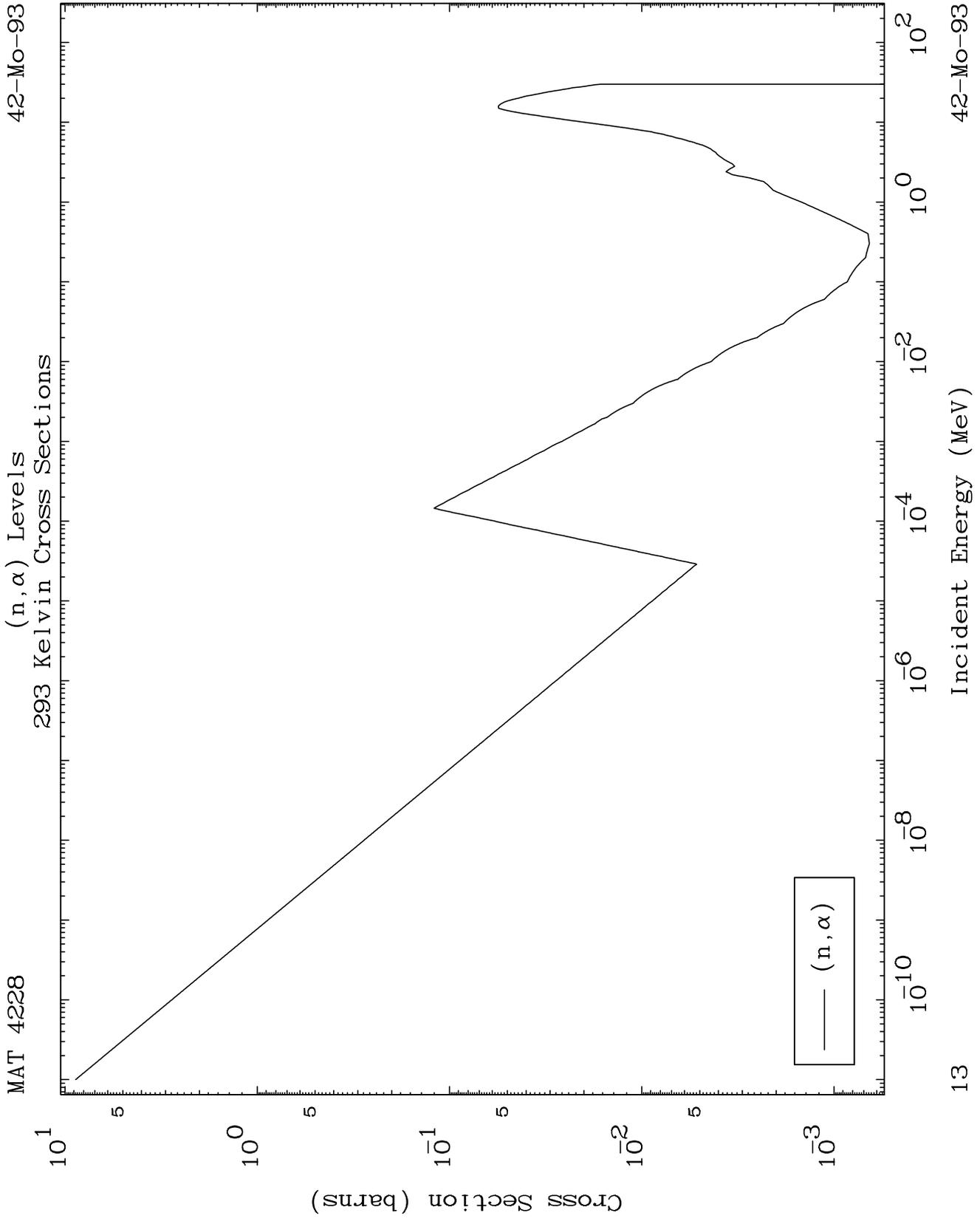
42-Mo-93

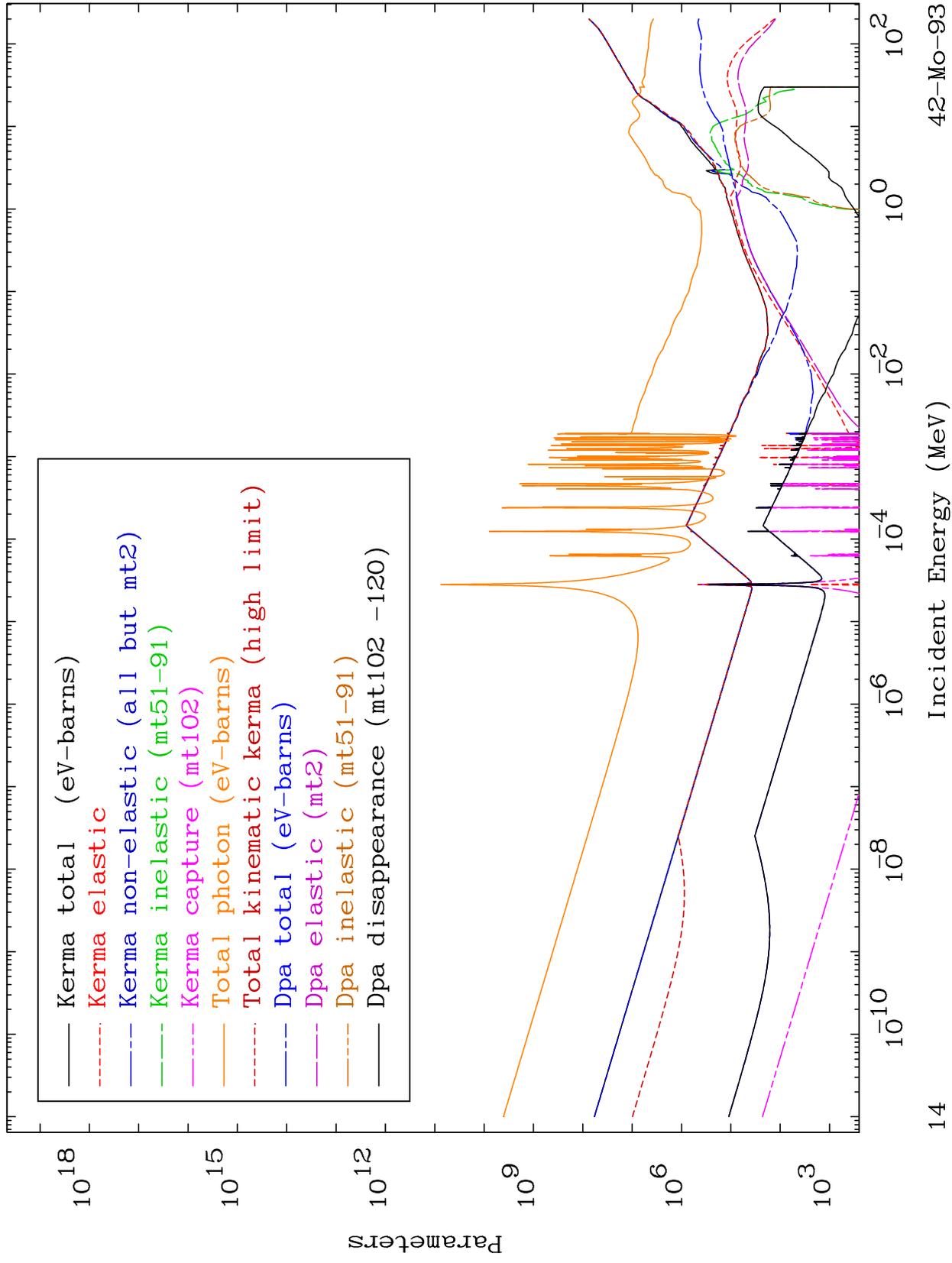


12

Incident Energy (MeV)

42-Mo-93

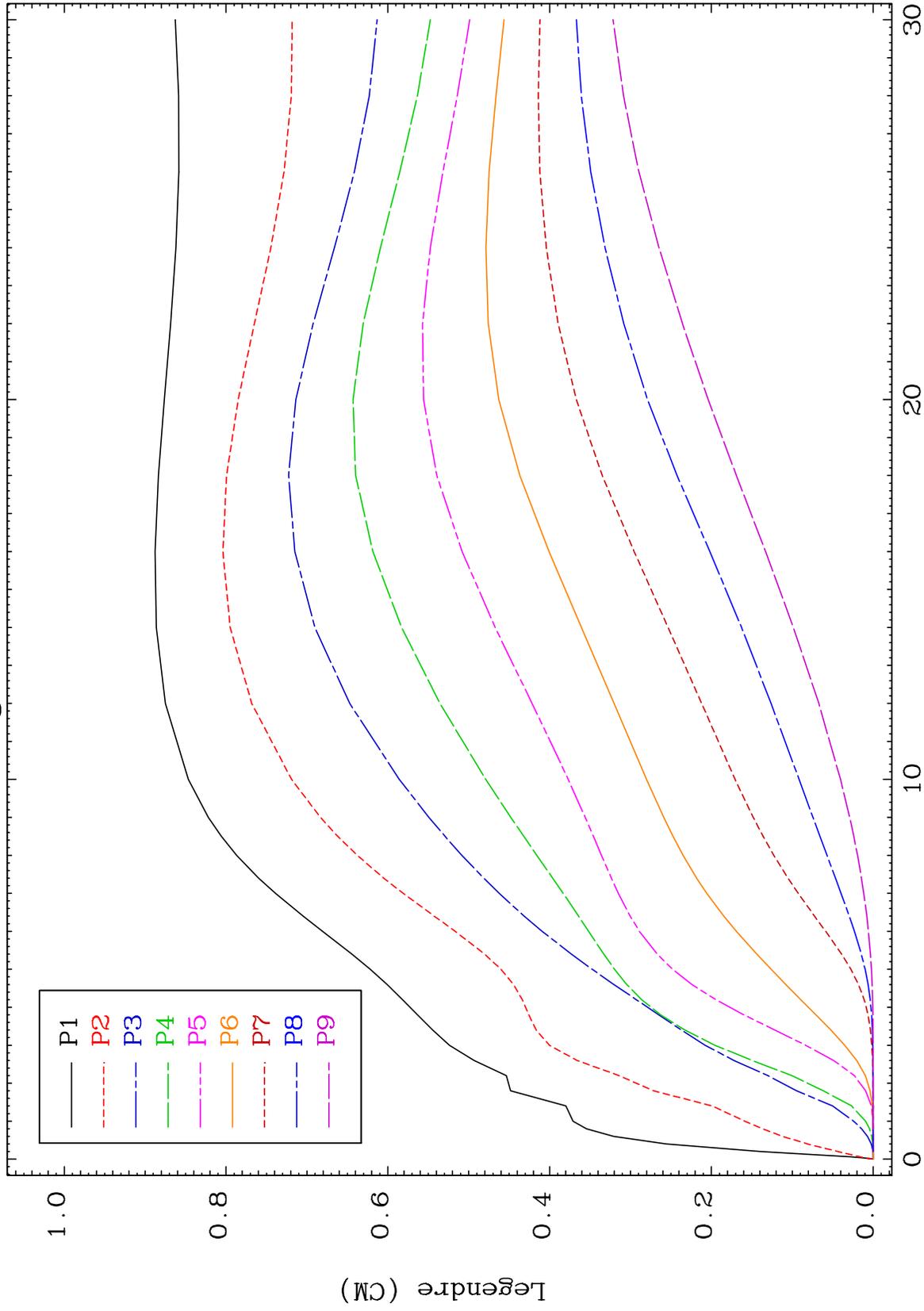




MAT 4228

Elastic Legendre Coefficients

42-Mo-93



15

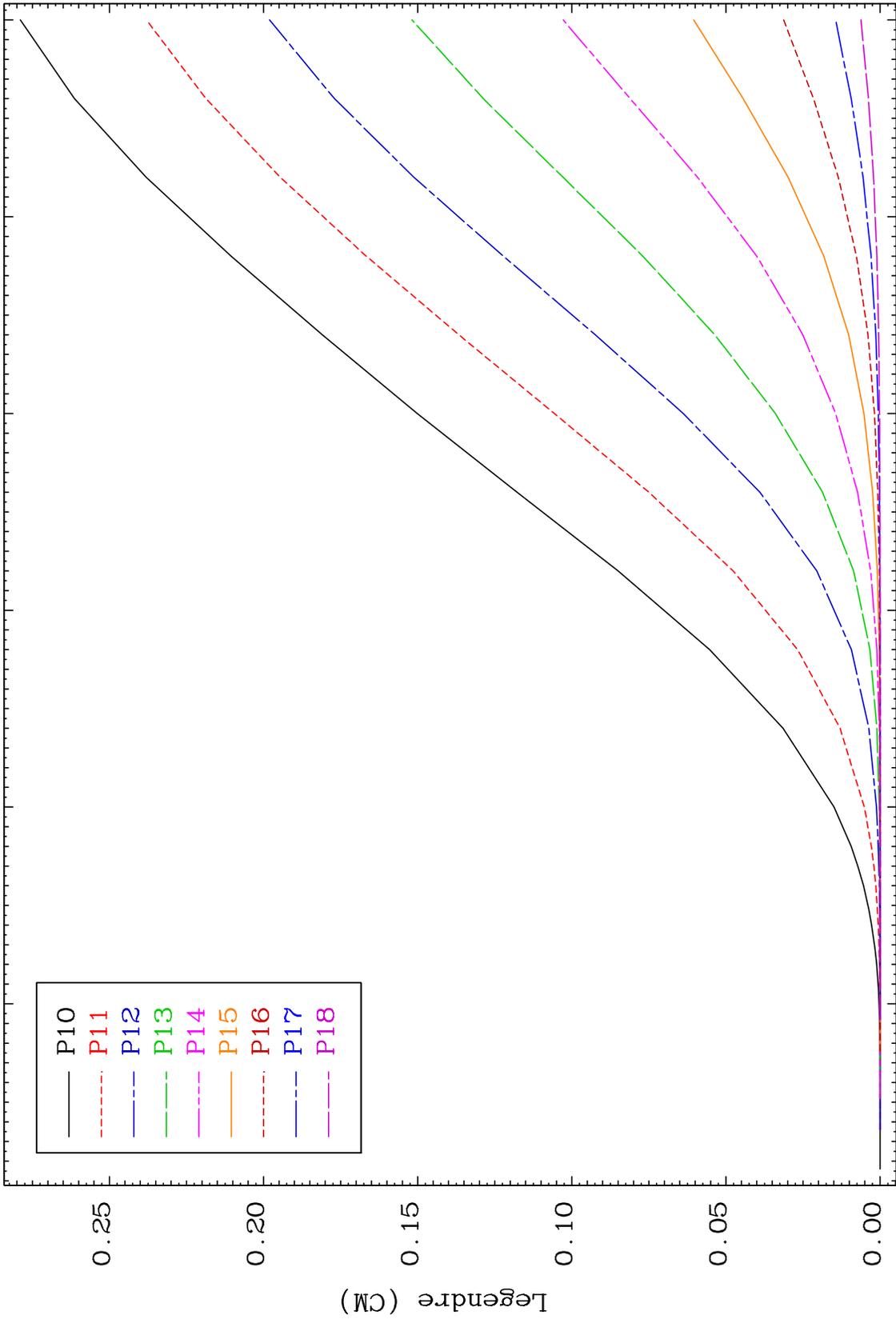
Incident Energy (MeV)

42-Mo-93

MAT 4228

Elastic Legendre Coefficients

42-Mo-93



16

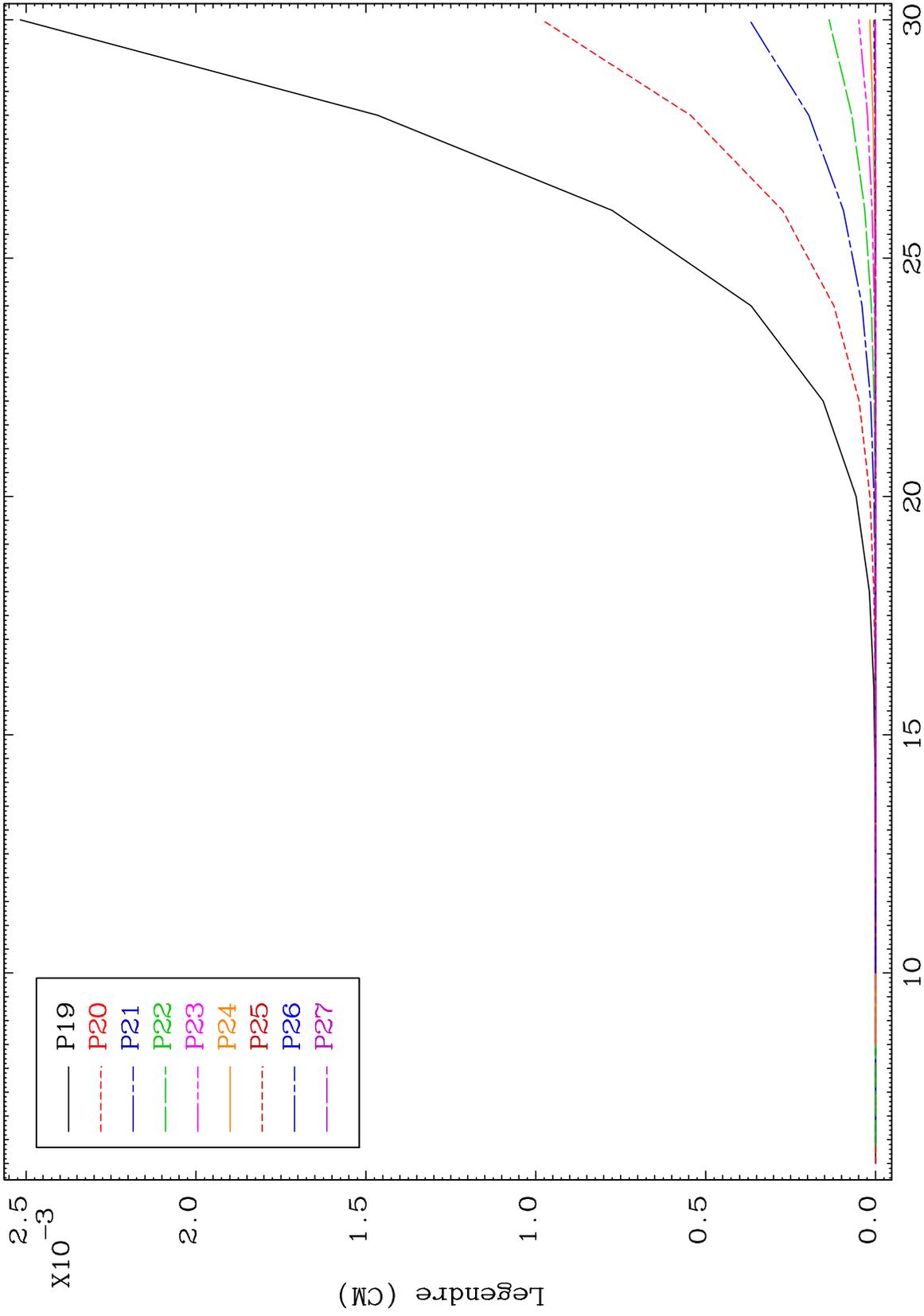
Incident Energy (MeV)

42-Mo-93

MAT 4228

Elastic Legendre Coefficients

42-Mo-93



17

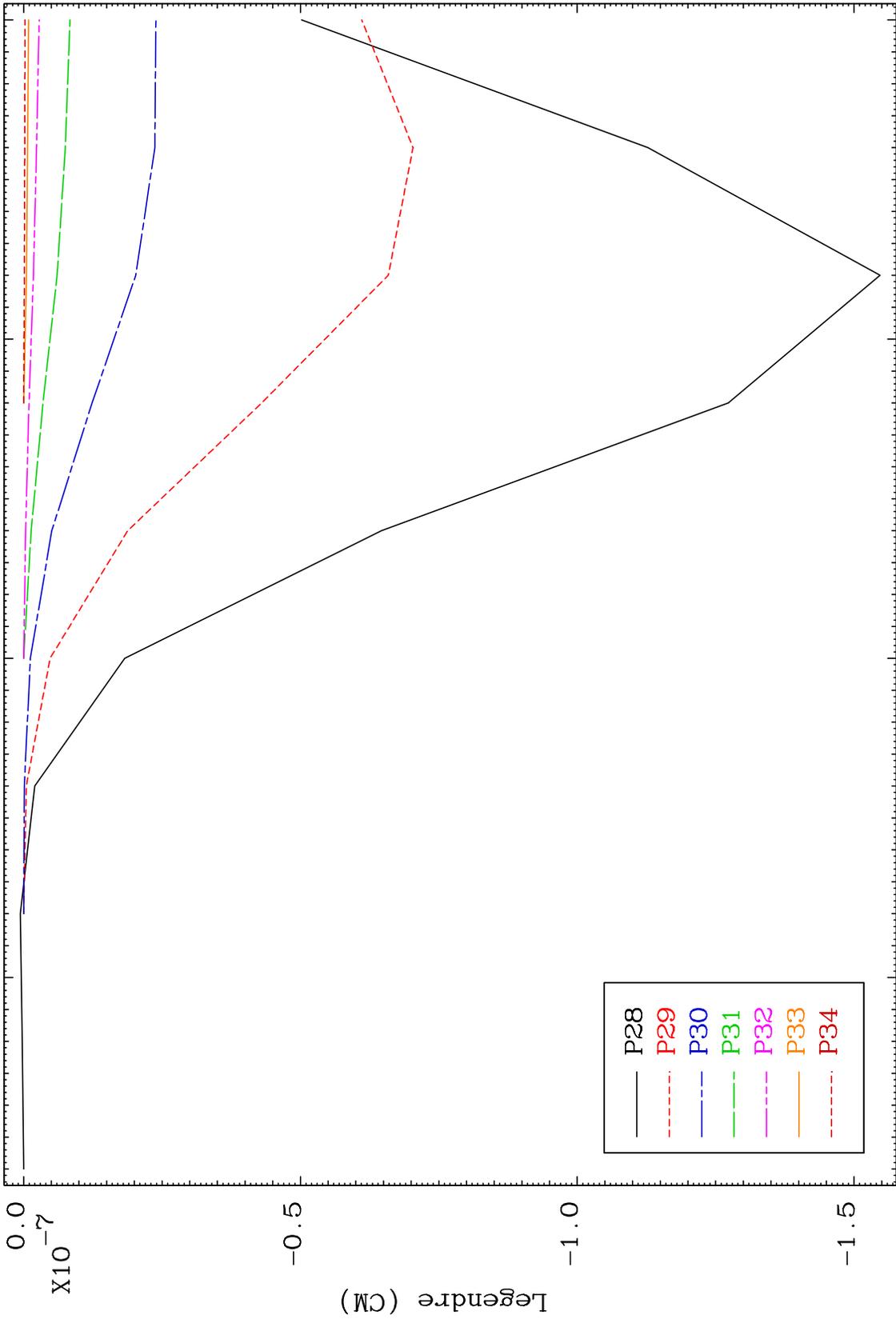
Incident Energy (MeV)

42-Mo-93

MAT 4228

Elastic Legendre Coefficients

42-Mo-93



18

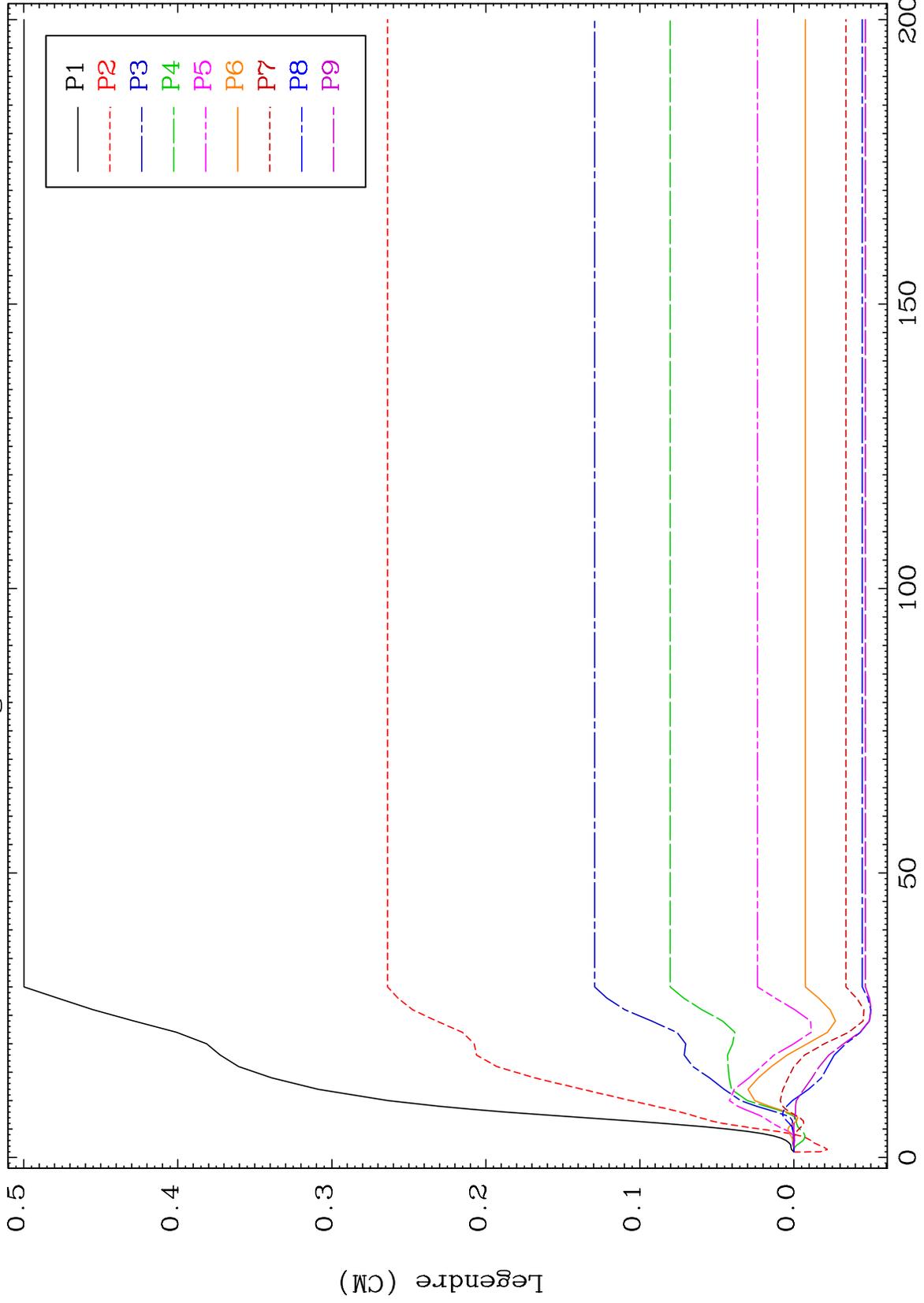
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



19

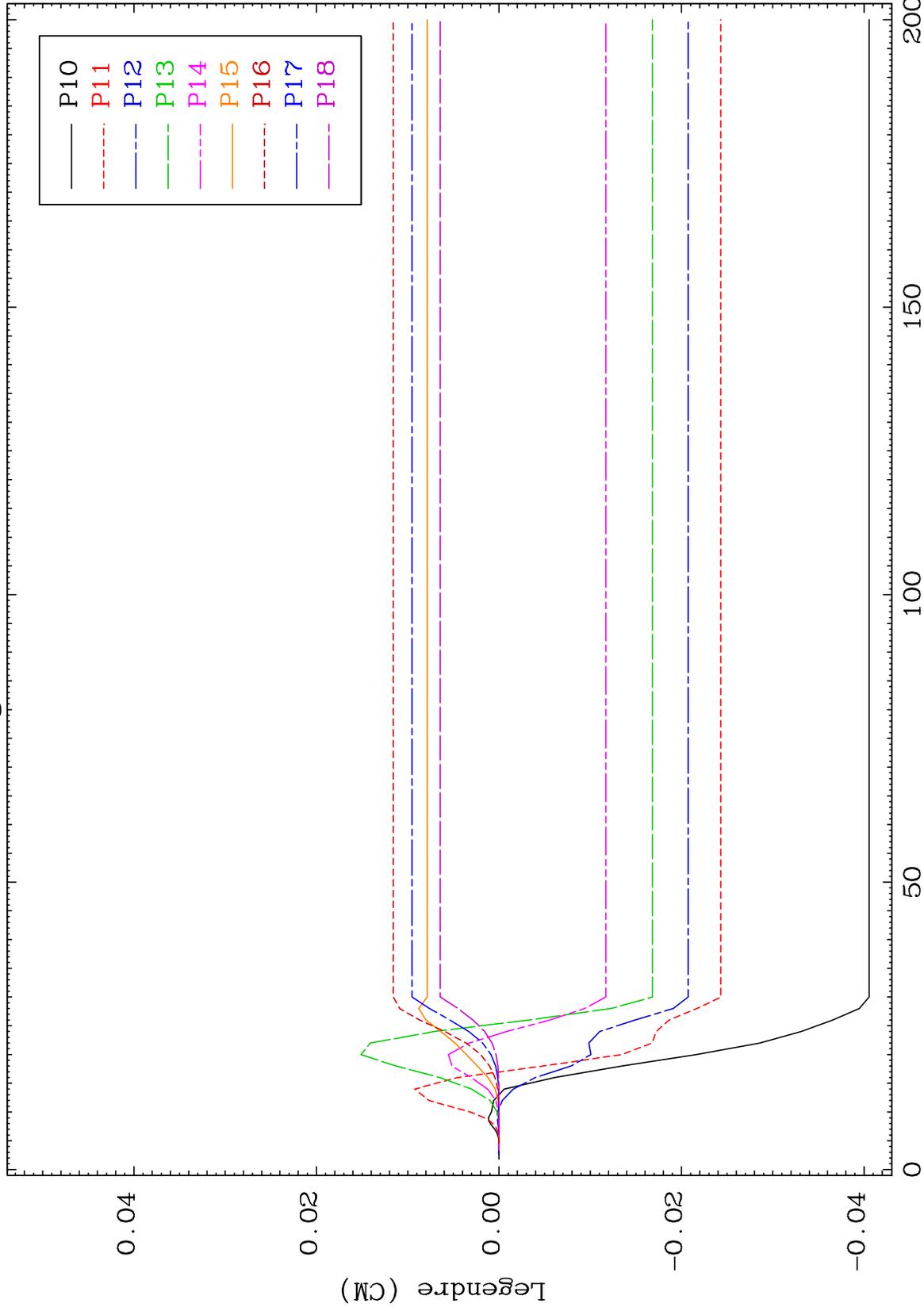
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

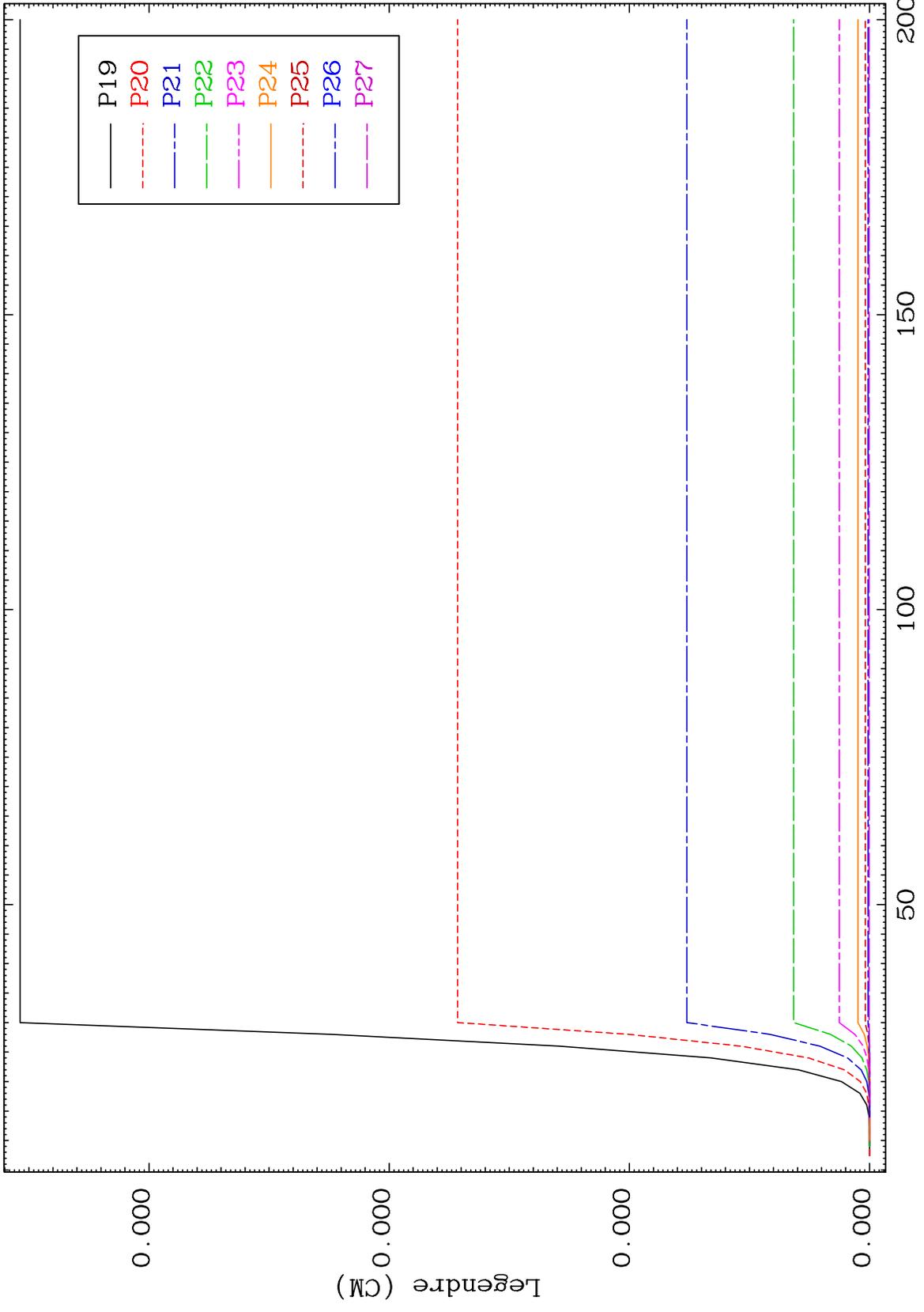
Incident Energy (MeV)

20

MAT 4228

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

42-Mo-93



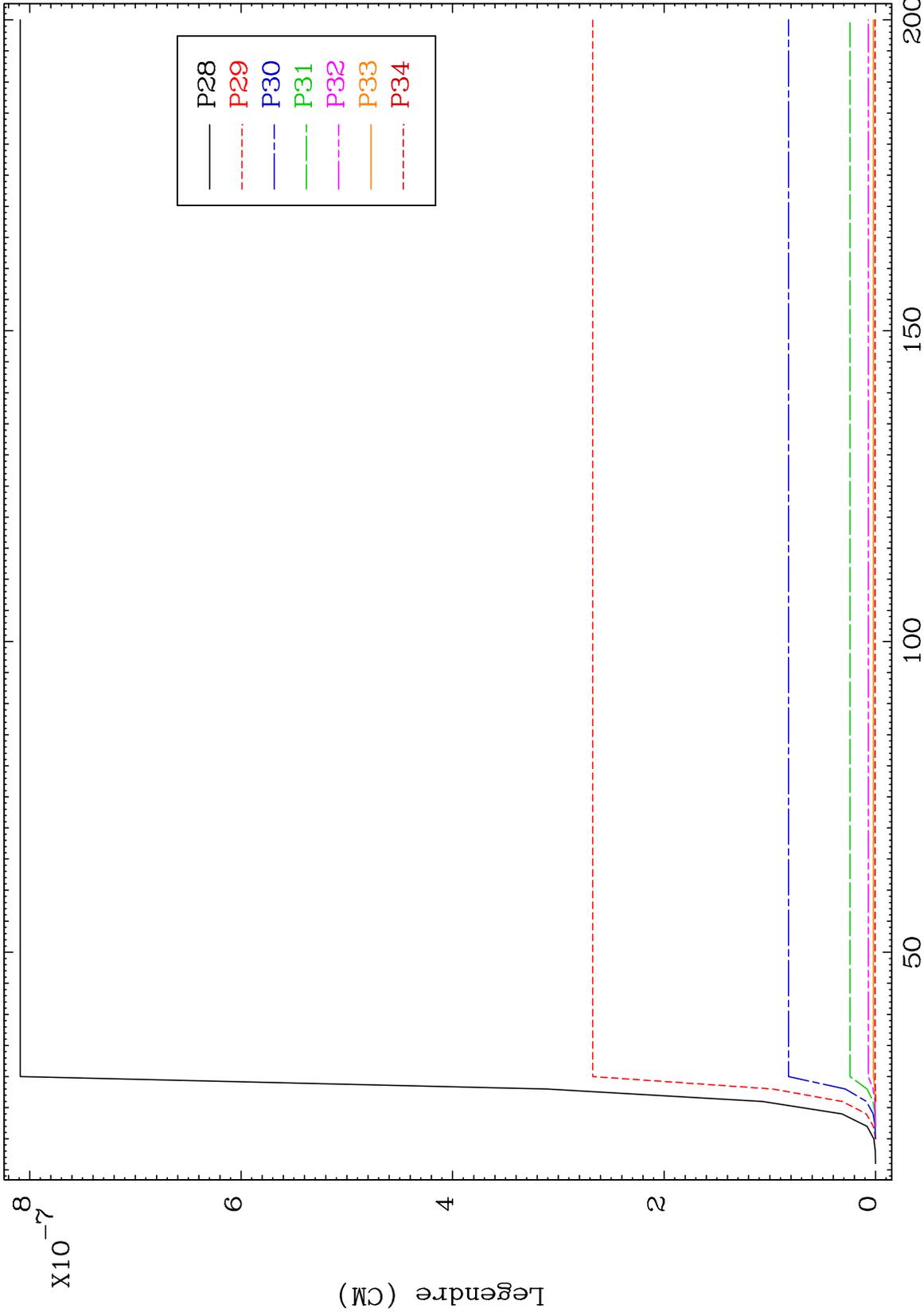
21

42-Mo-93

MAT 4228

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

42-Mo-93



22

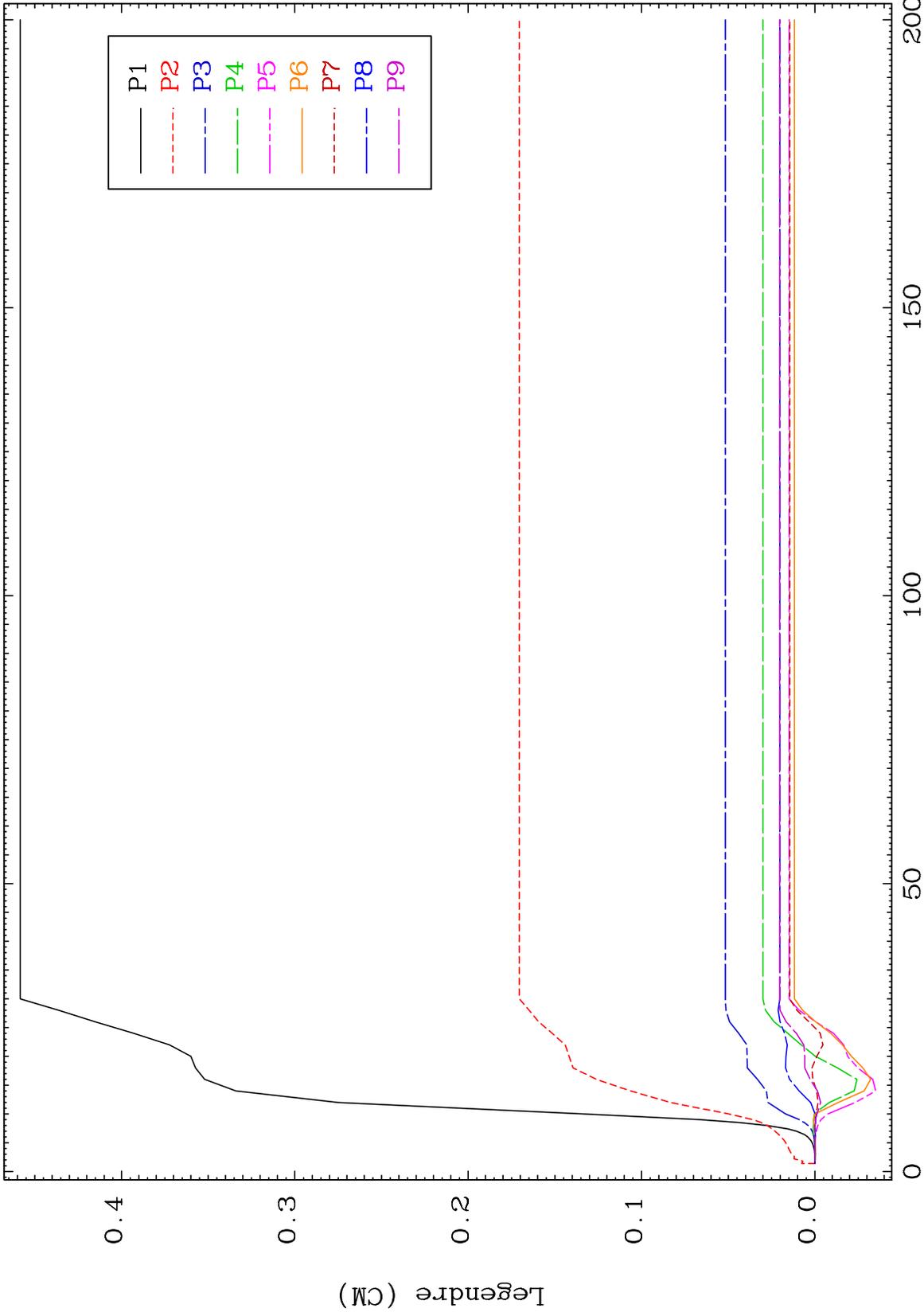
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



23

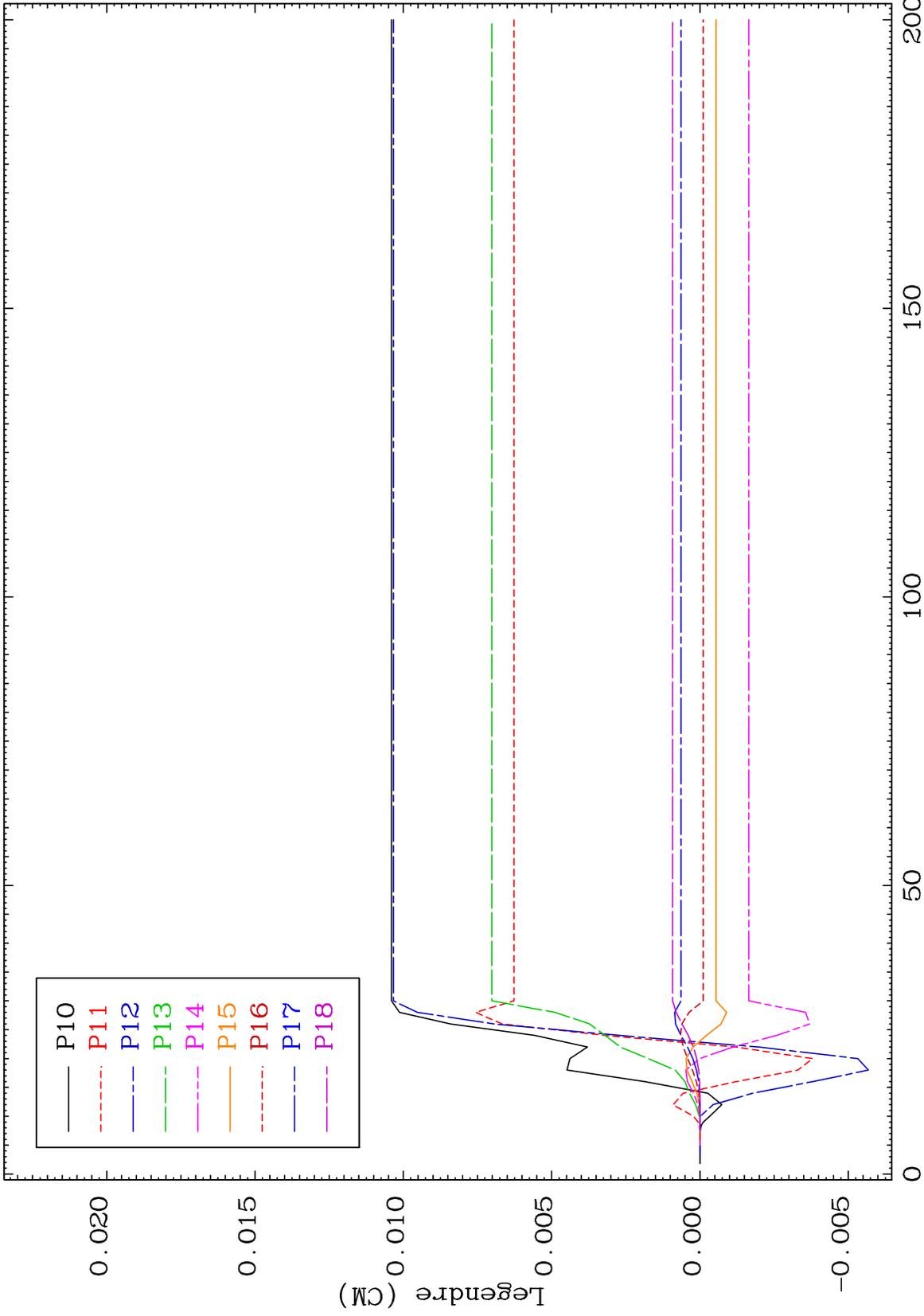
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



24

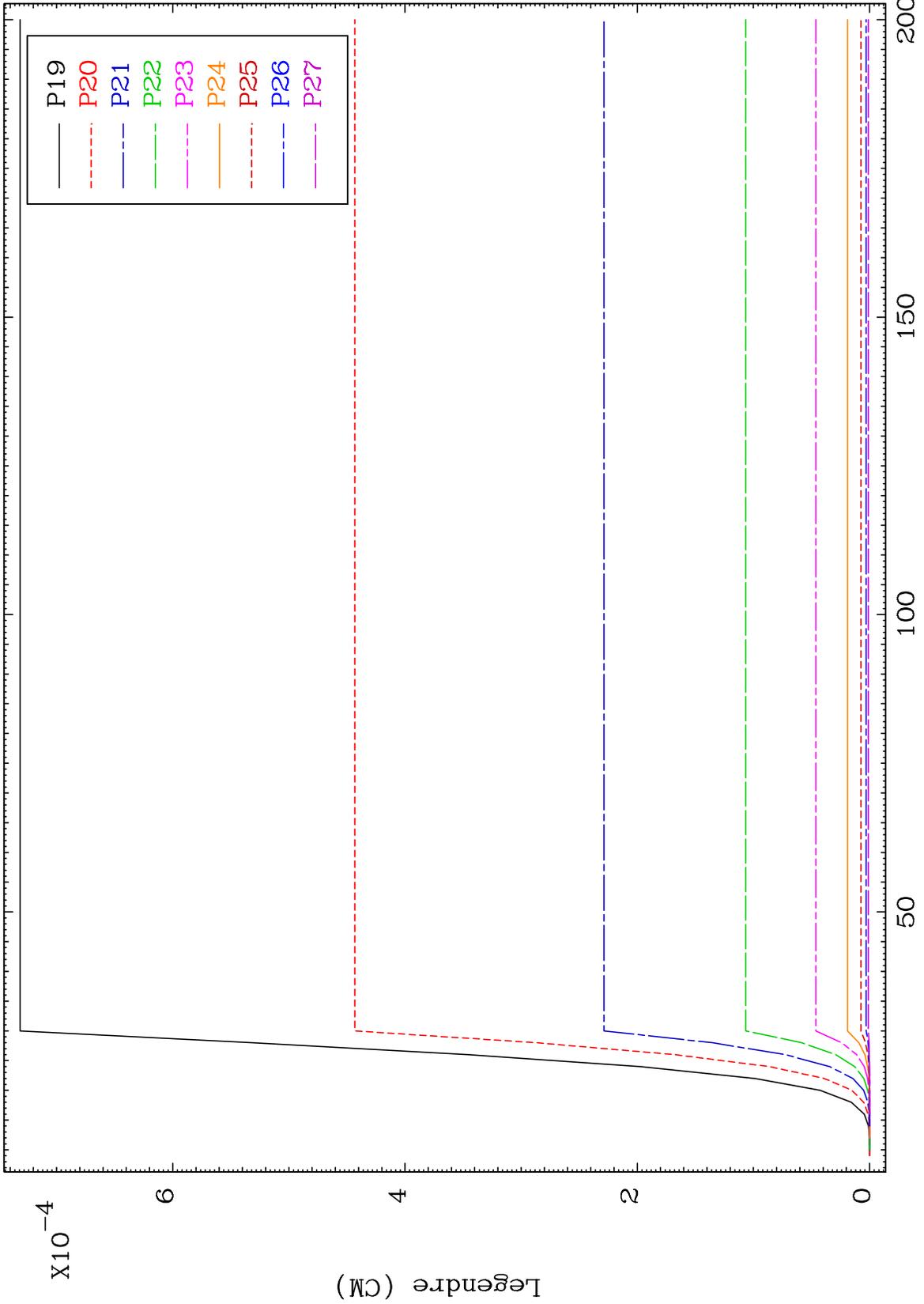
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



25

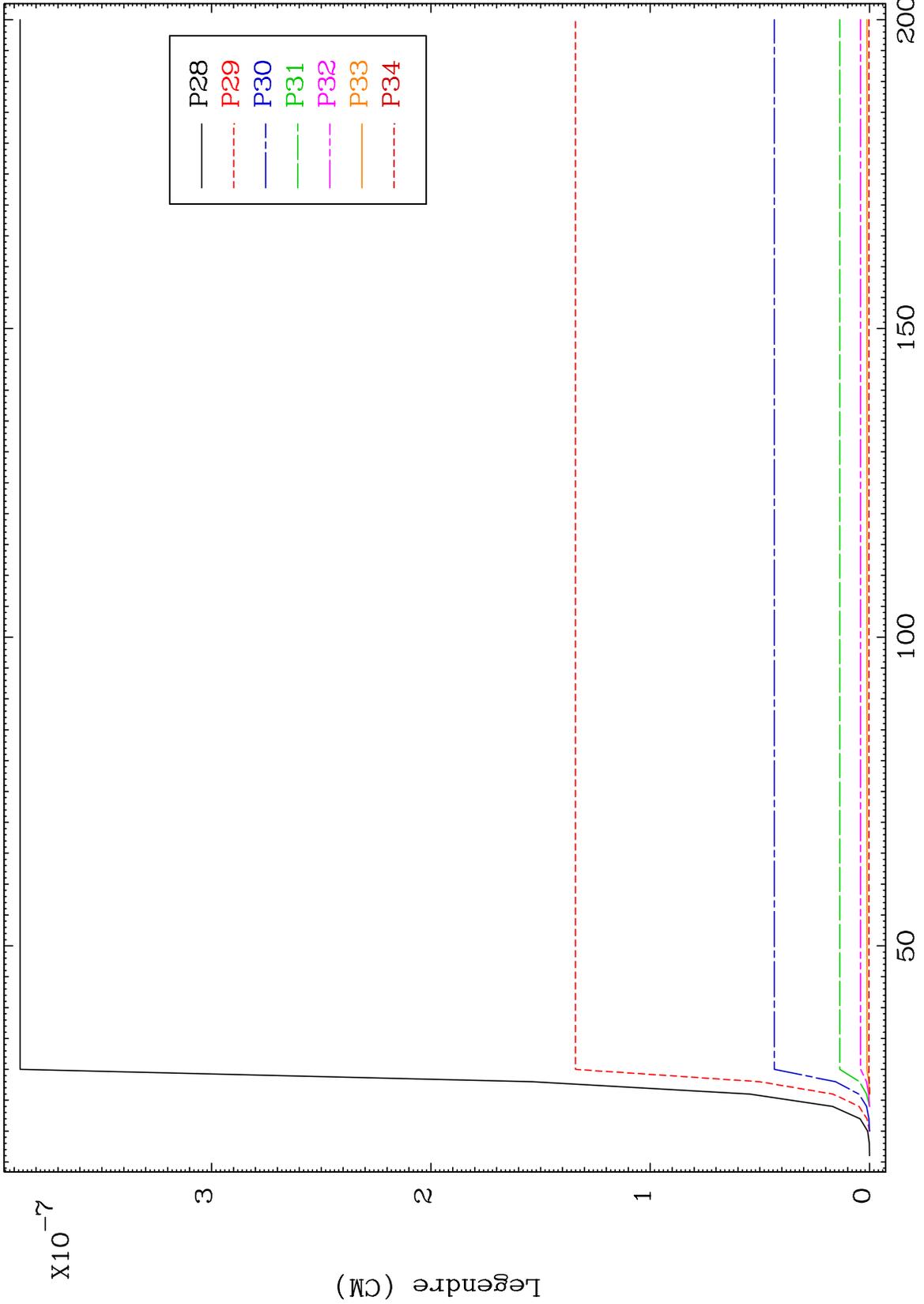
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



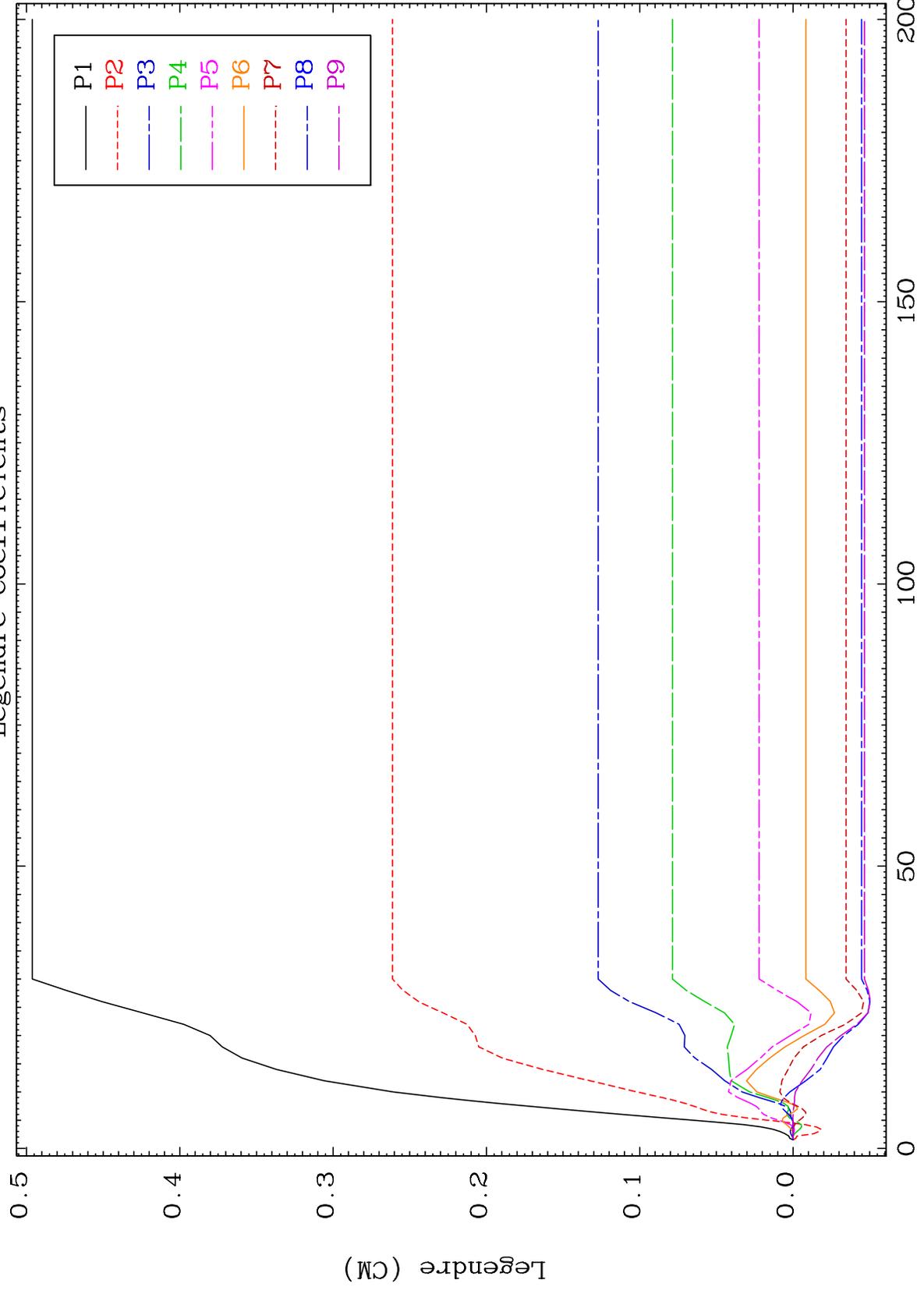
26

42-Mo-93

MAT 4228

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

42-Mo-93



27

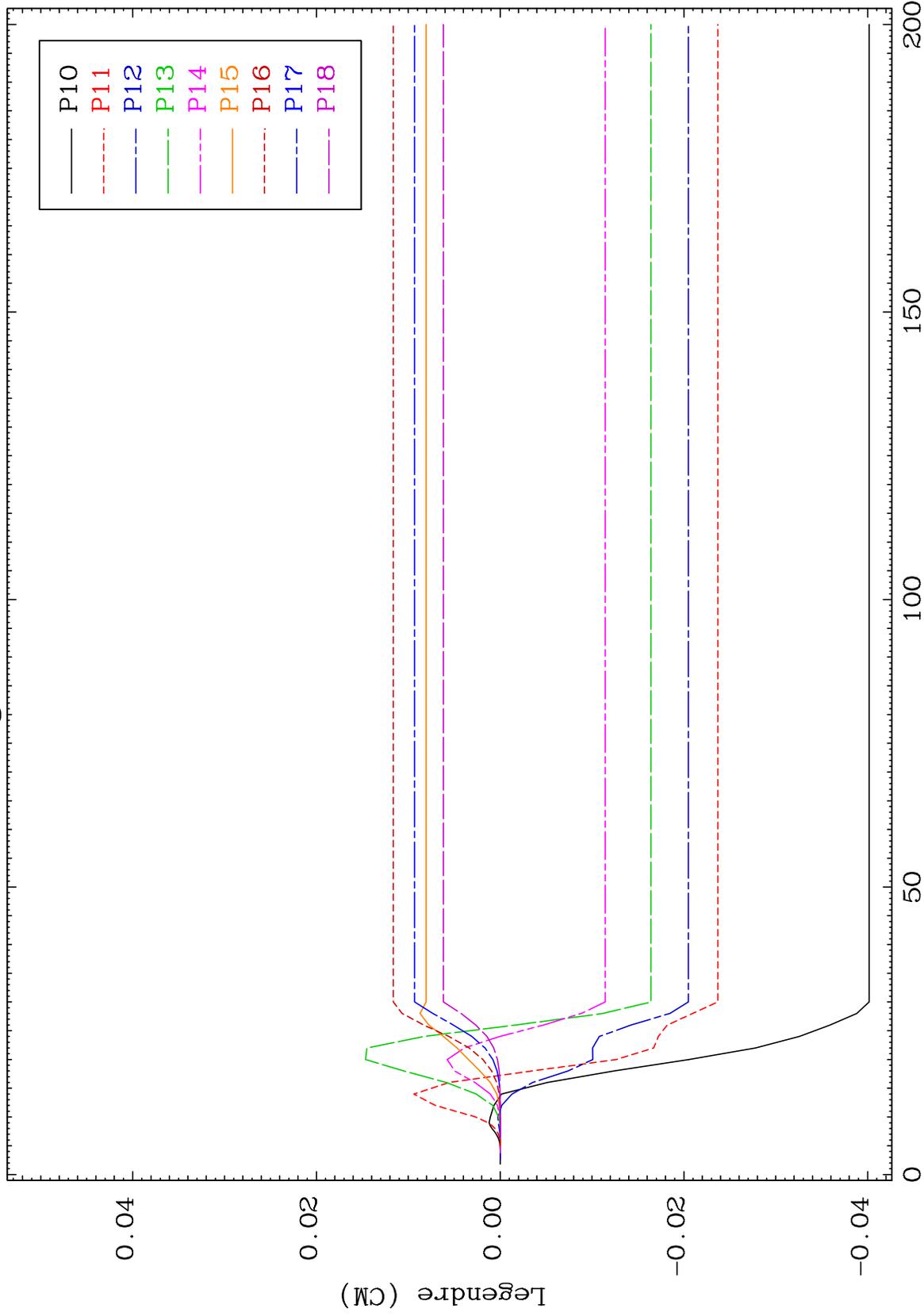
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



28

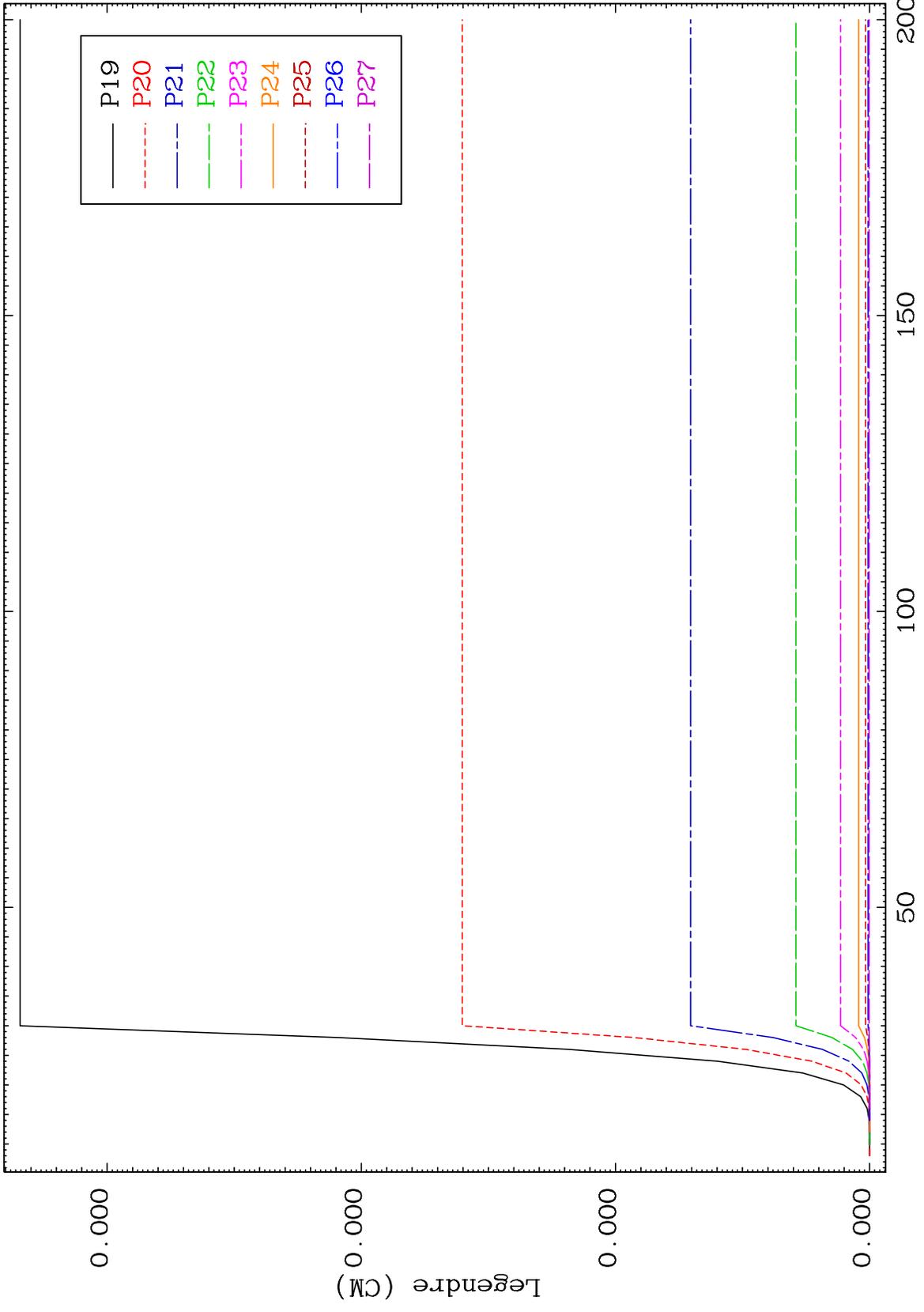
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



29

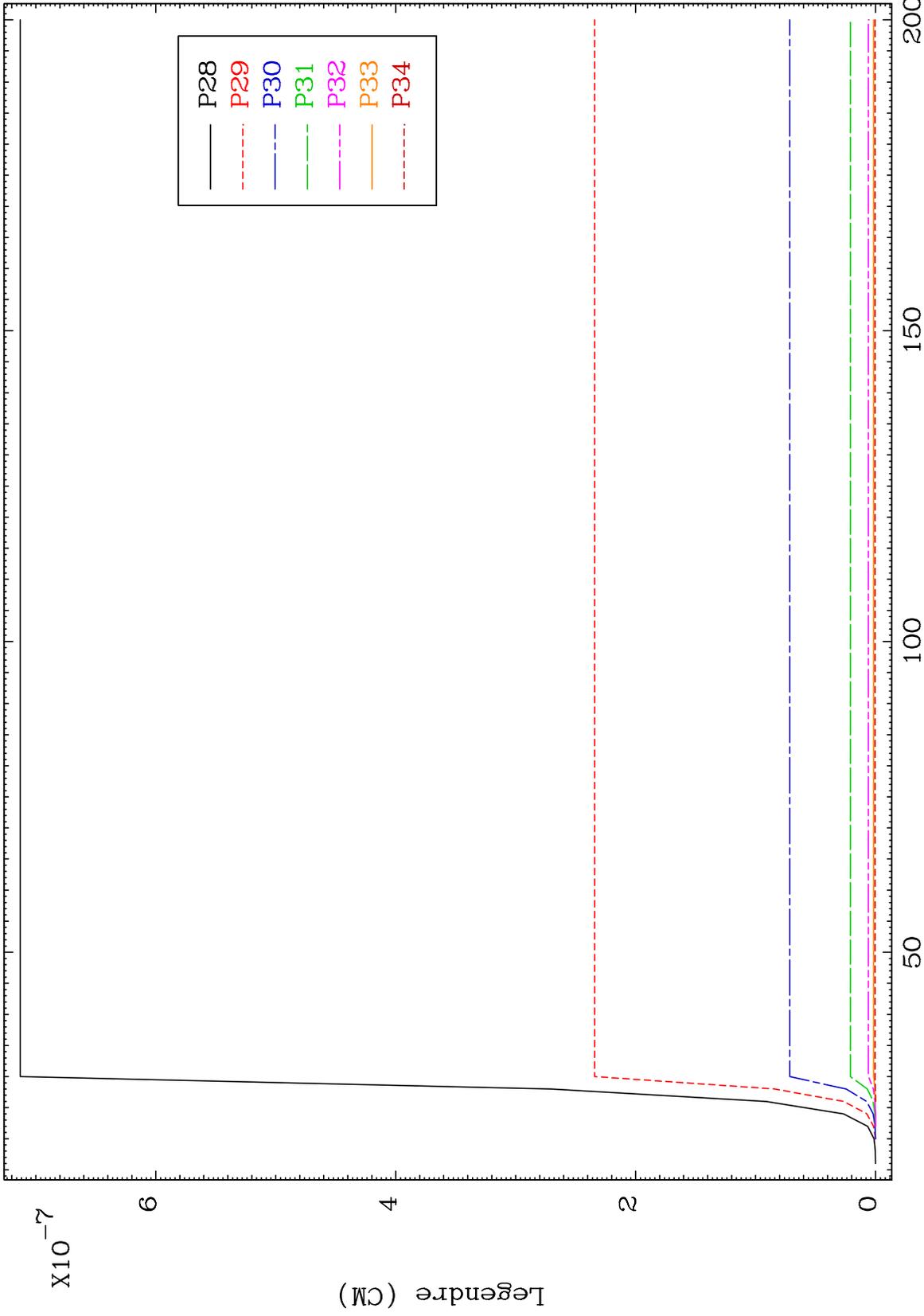
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



30

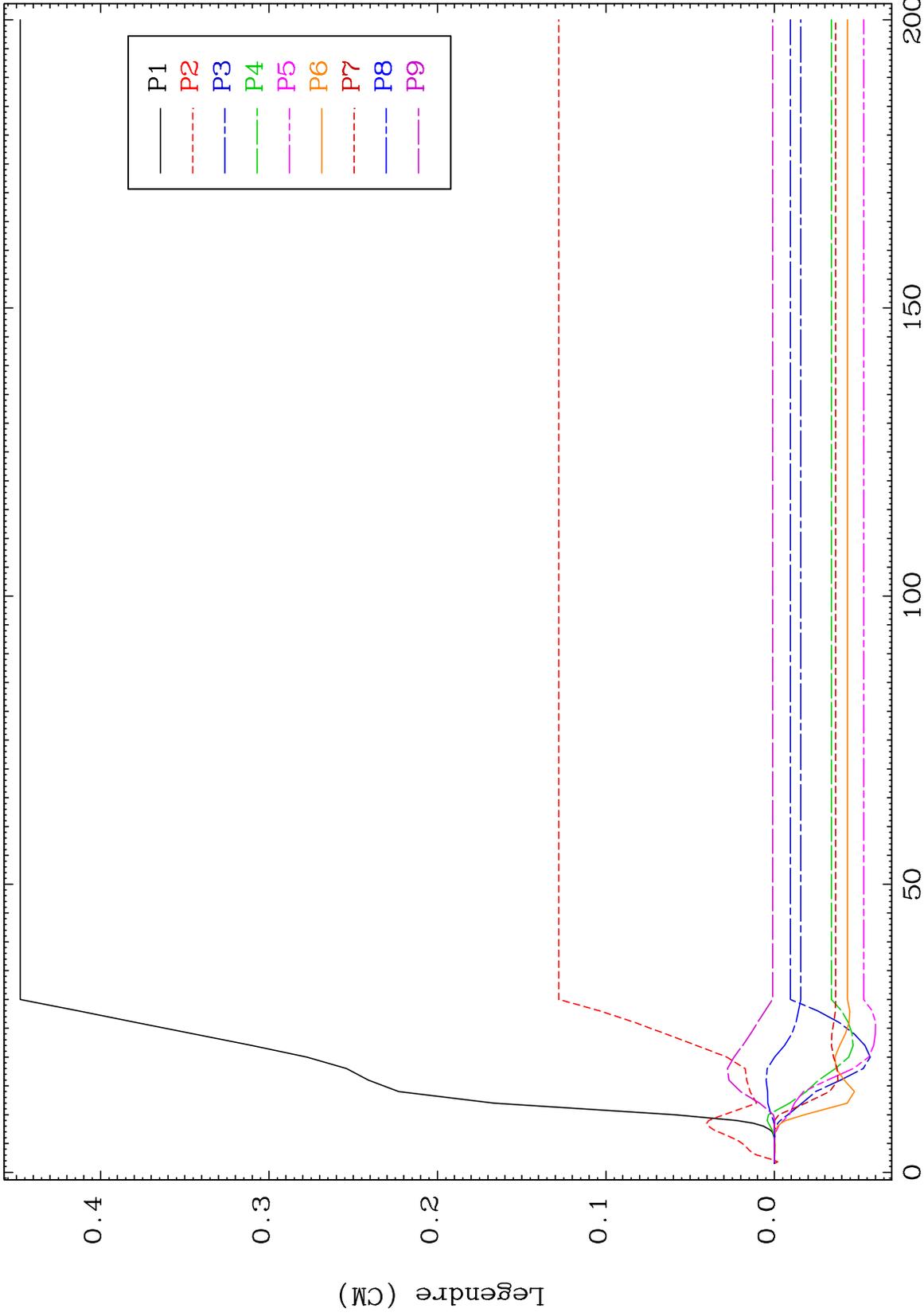
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



31

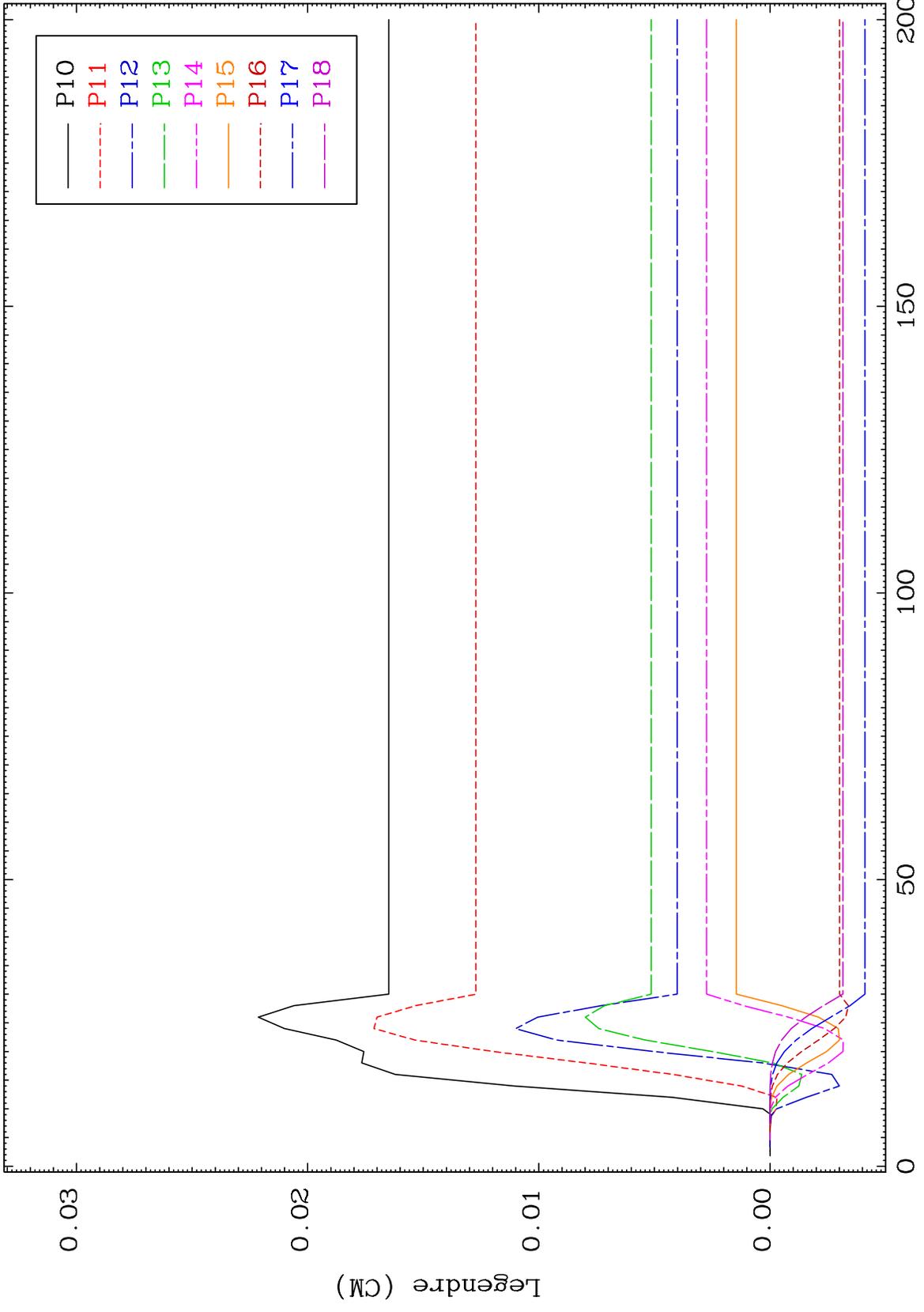
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



32

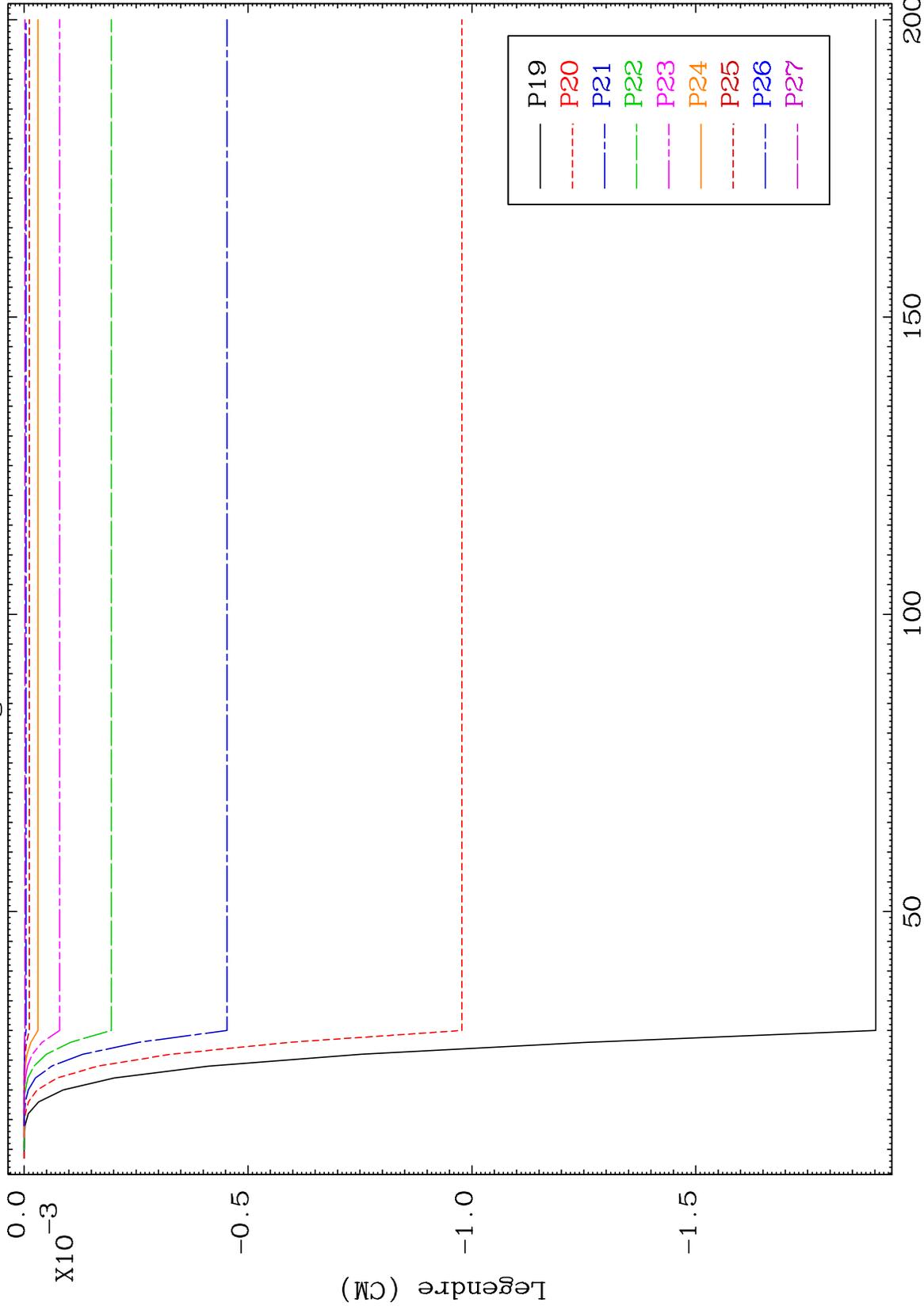
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

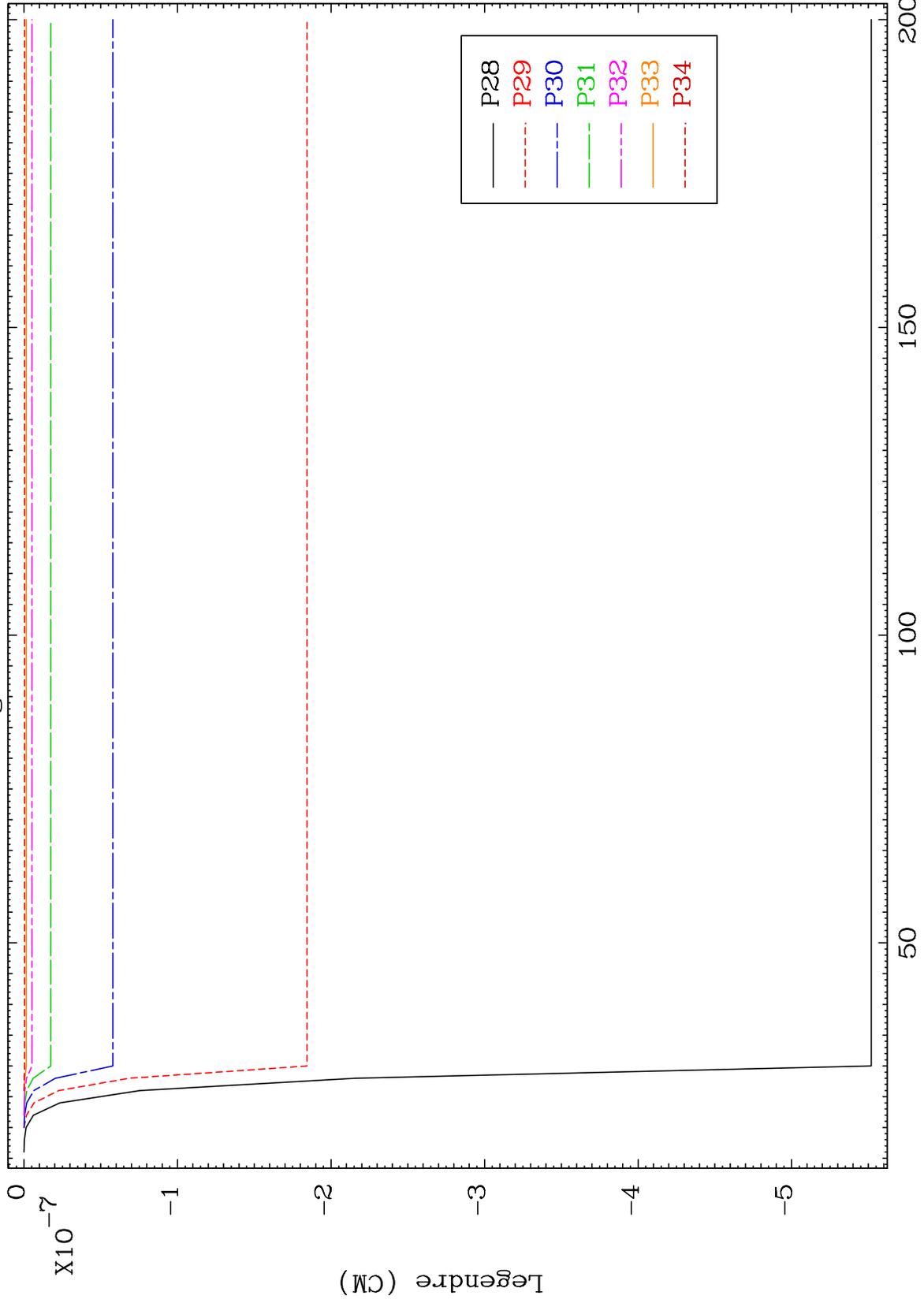
Incident Energy (MeV)

33

MAT 4228

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

42-Mo-93



42-Mo-93

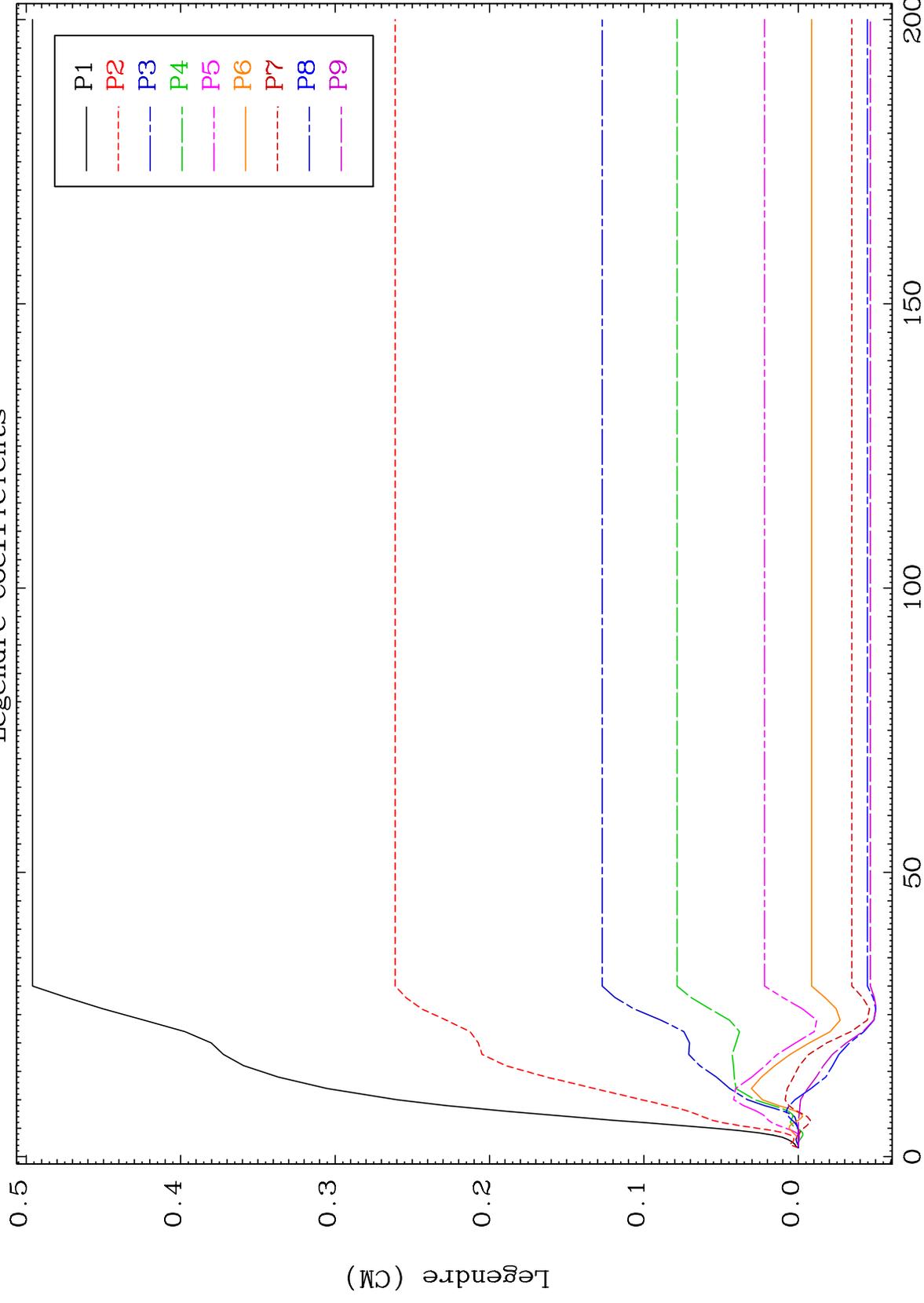
Incident Energy (MeV)

34

MAT 4228

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

42-Mo-93



42-Mo-93

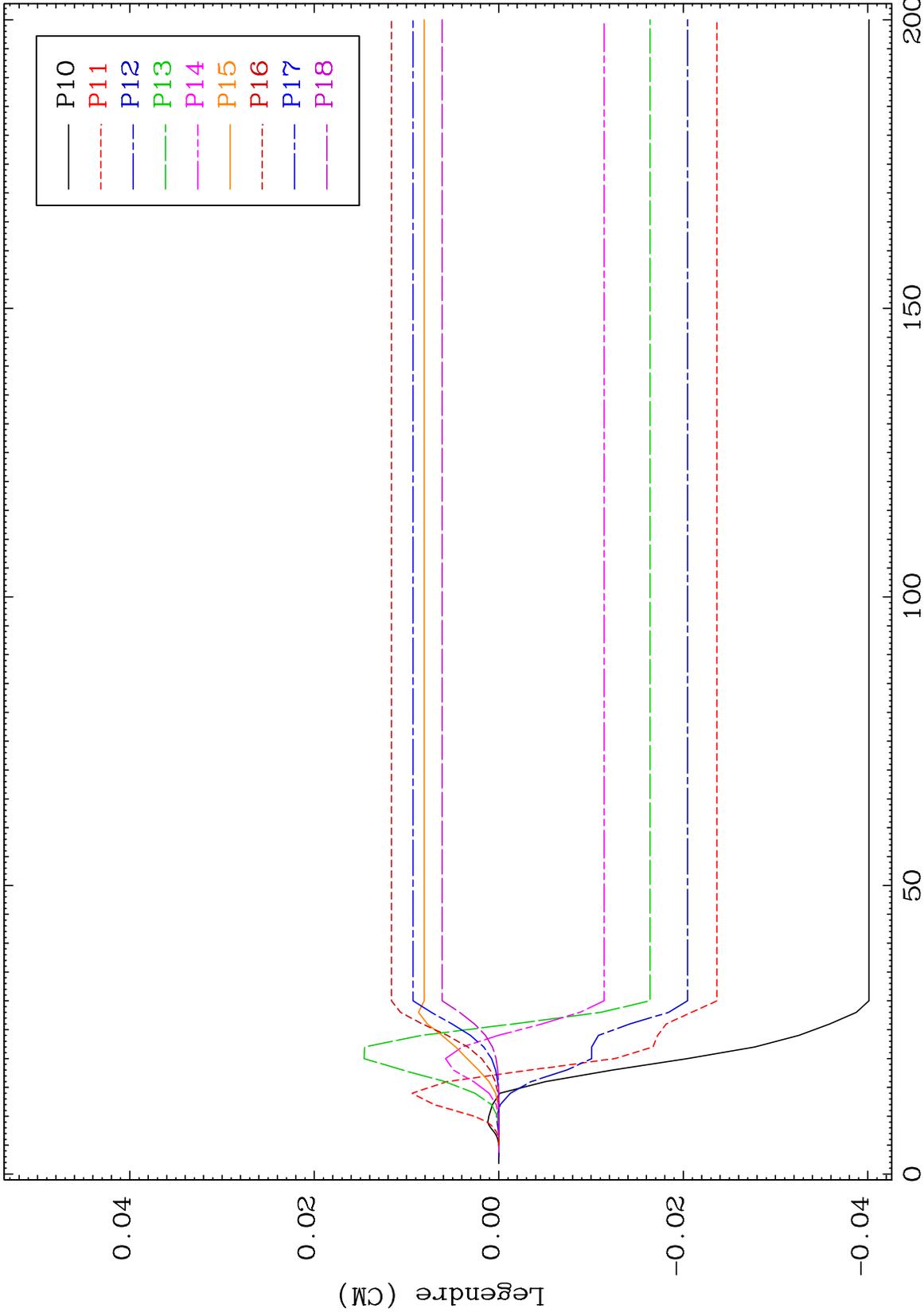
Incident Energy (MeV)

35

MAT 4228

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

42-Mo-93



36

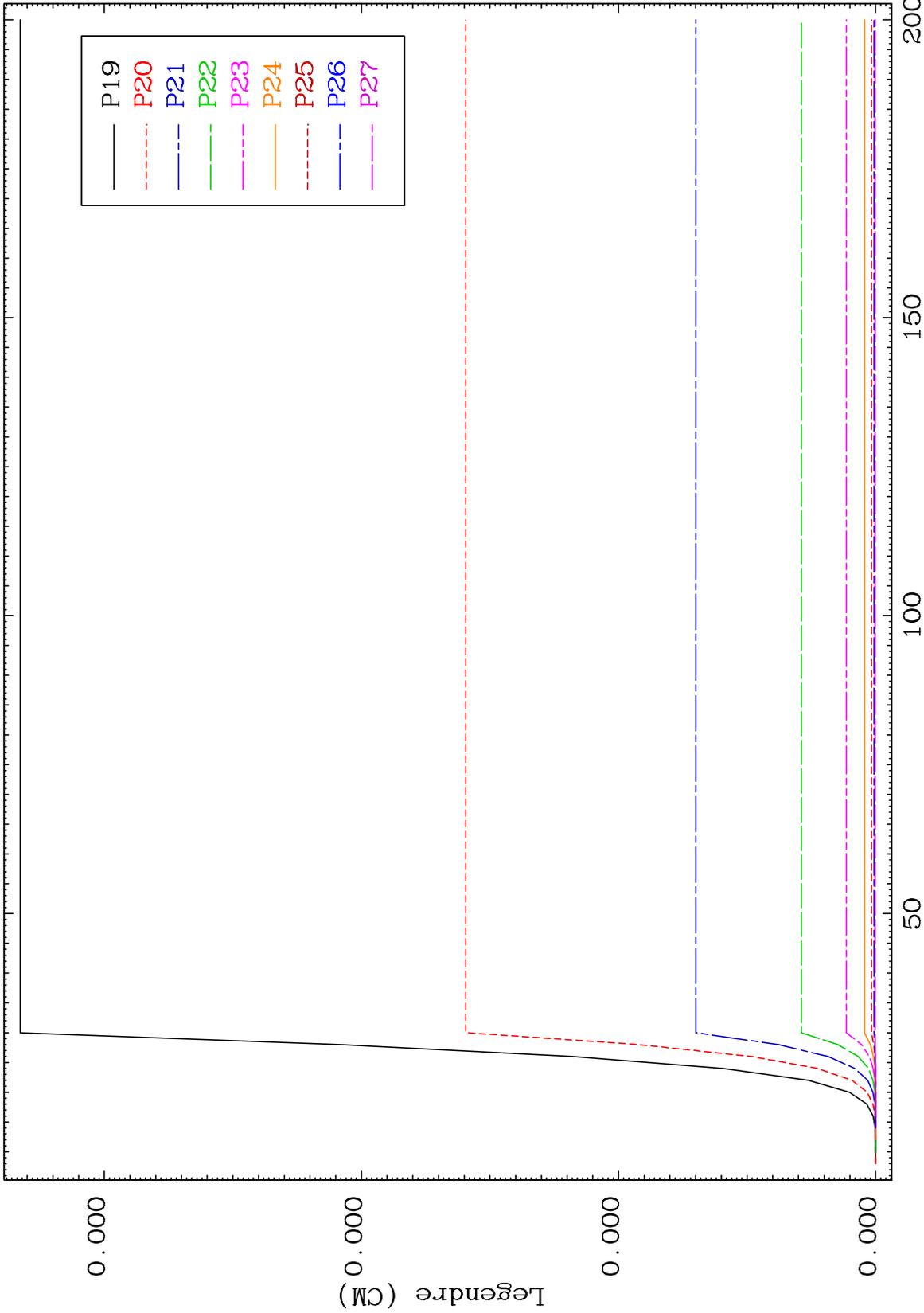
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



37

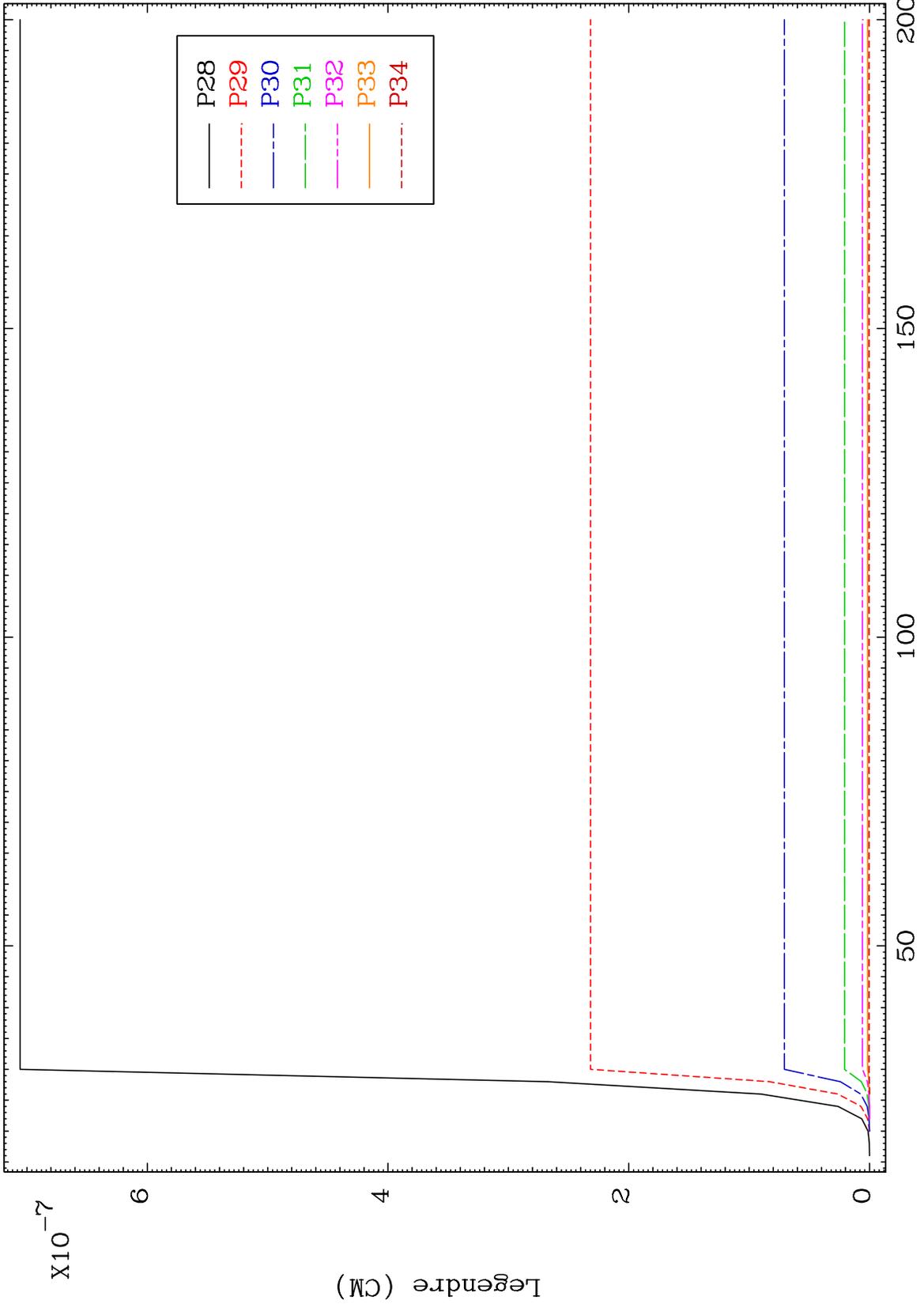
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93

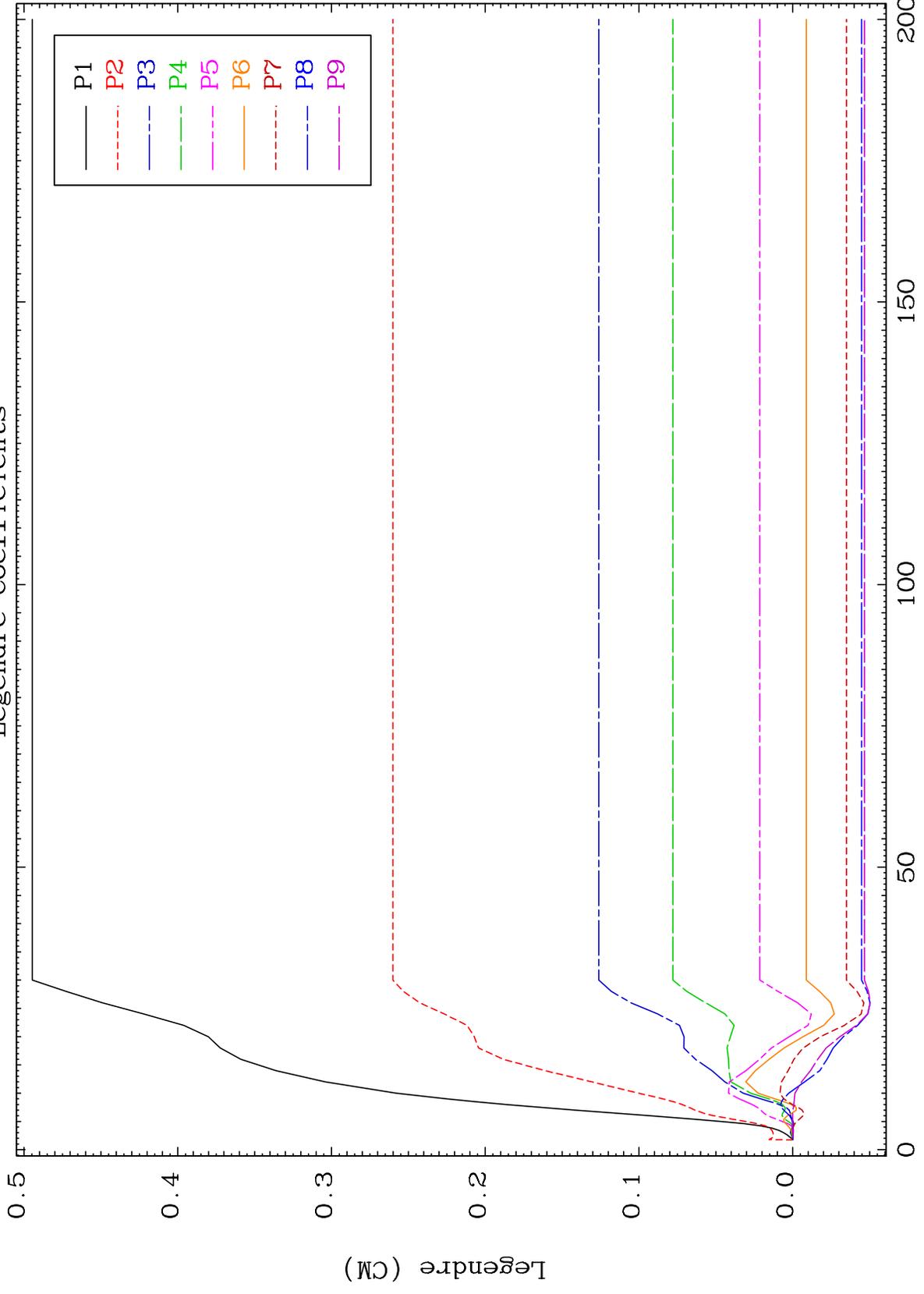


38

Incident Energy (MeV)

42-Mo-93

MAT 4228 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-93

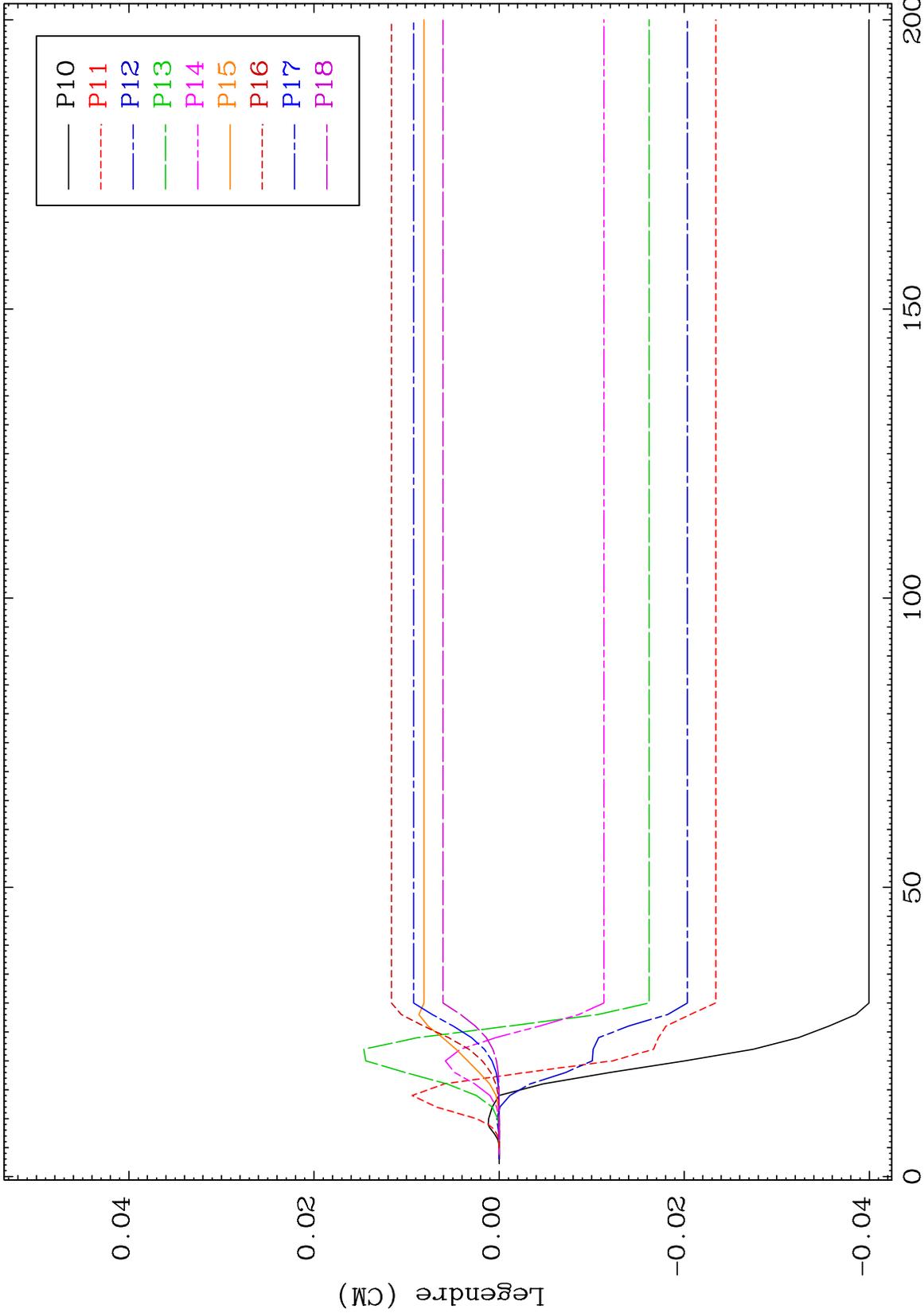


39 42-Mo-93

MAT 4228

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

42-Mo-93



40

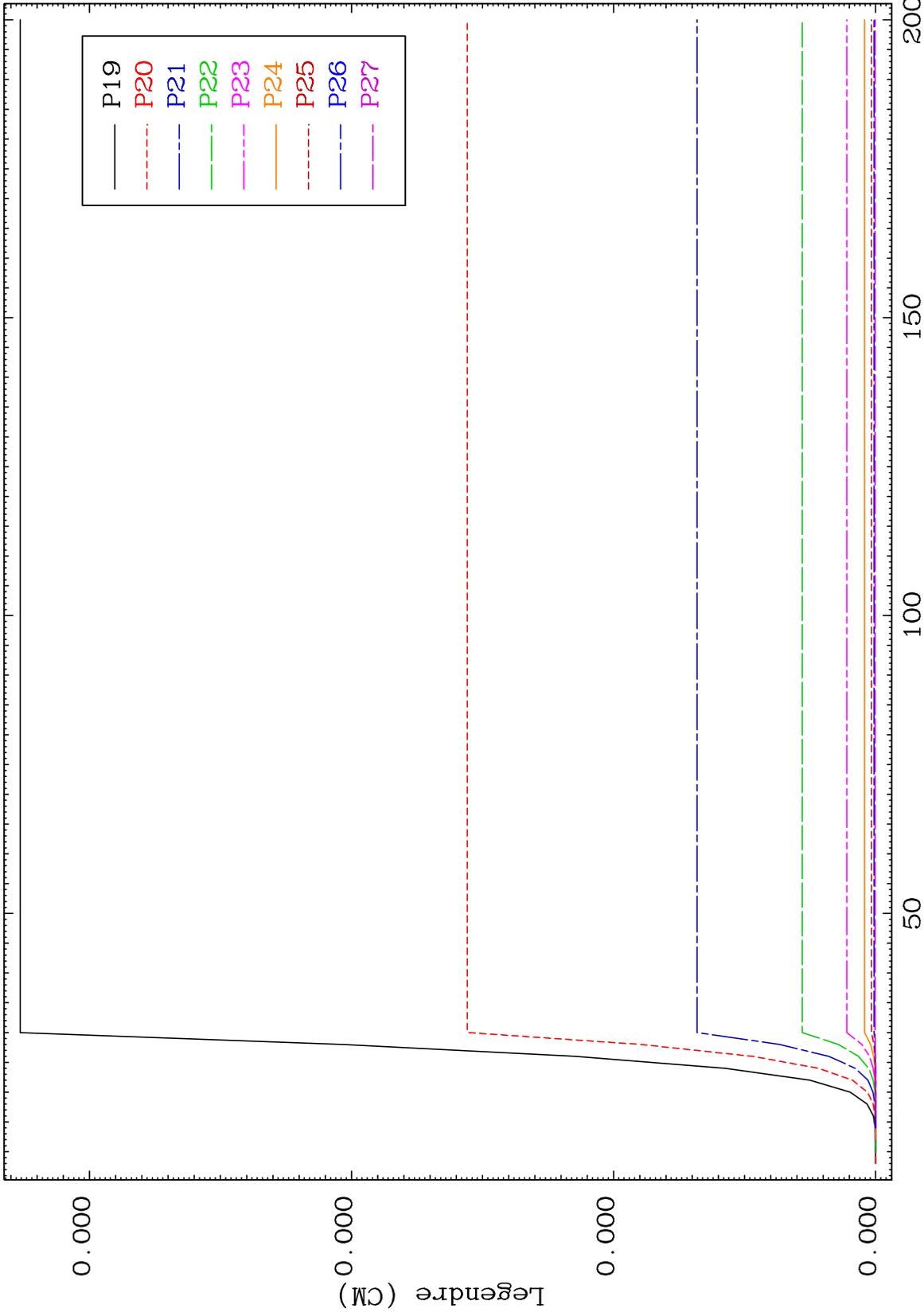
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



41

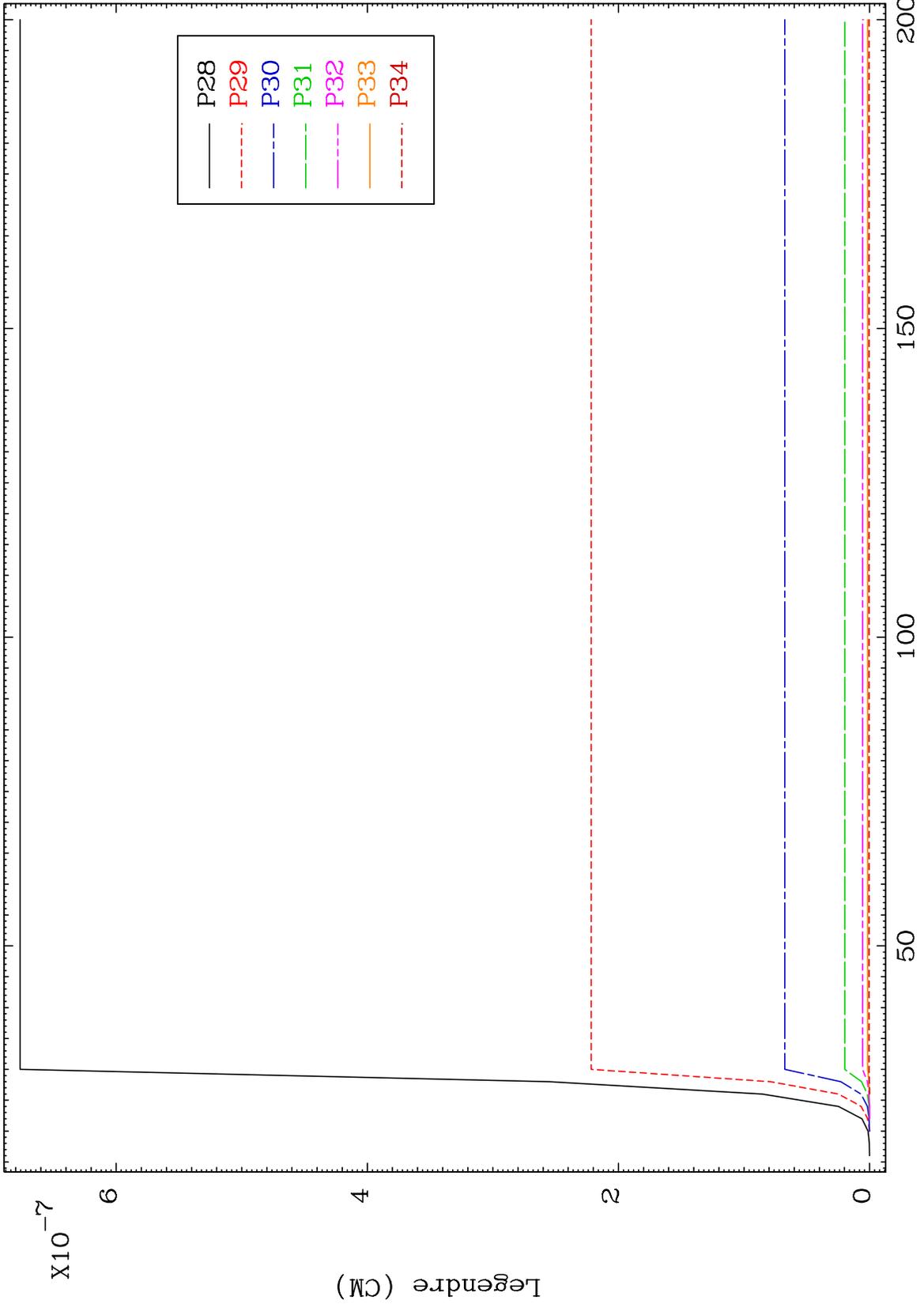
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42

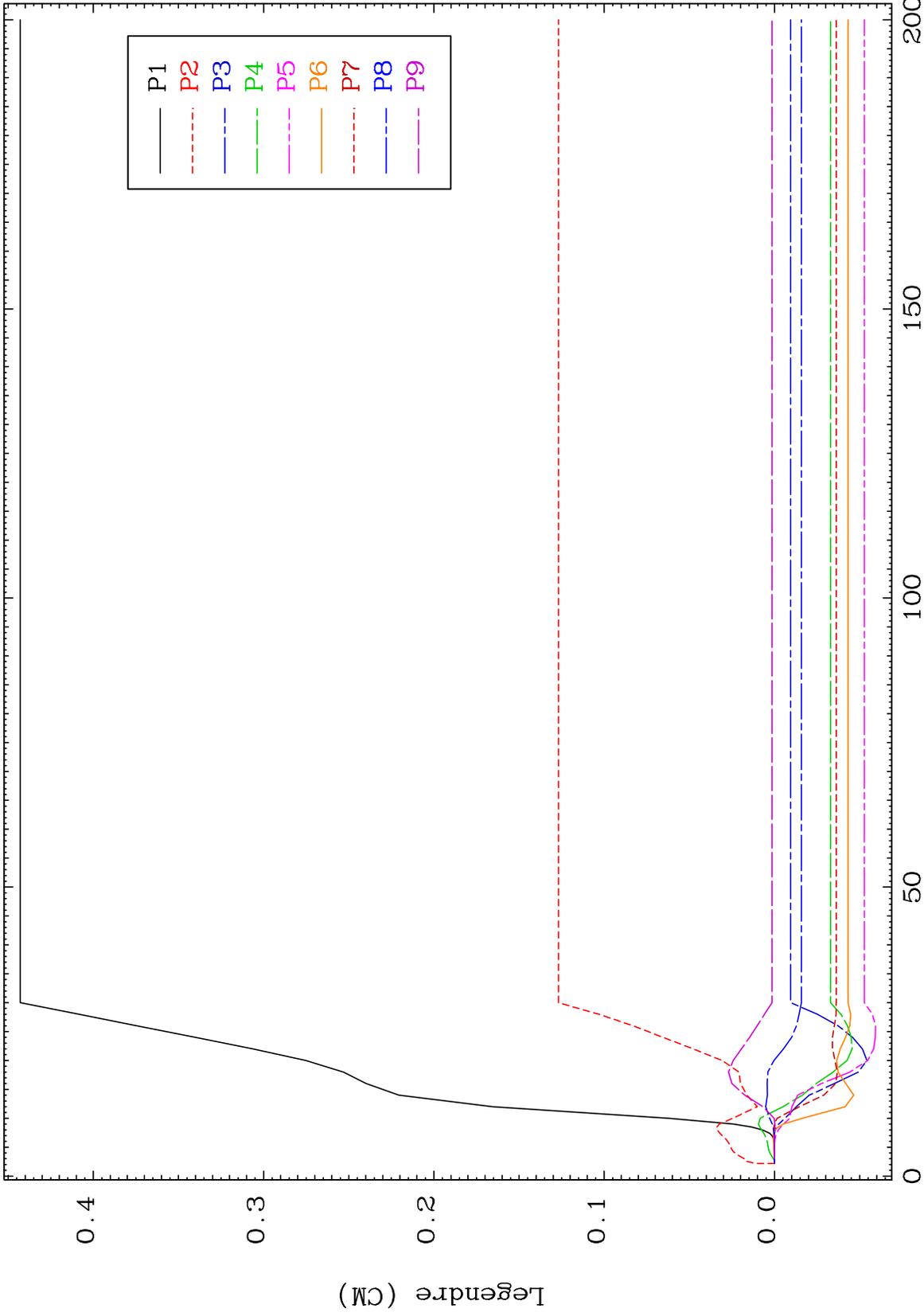
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

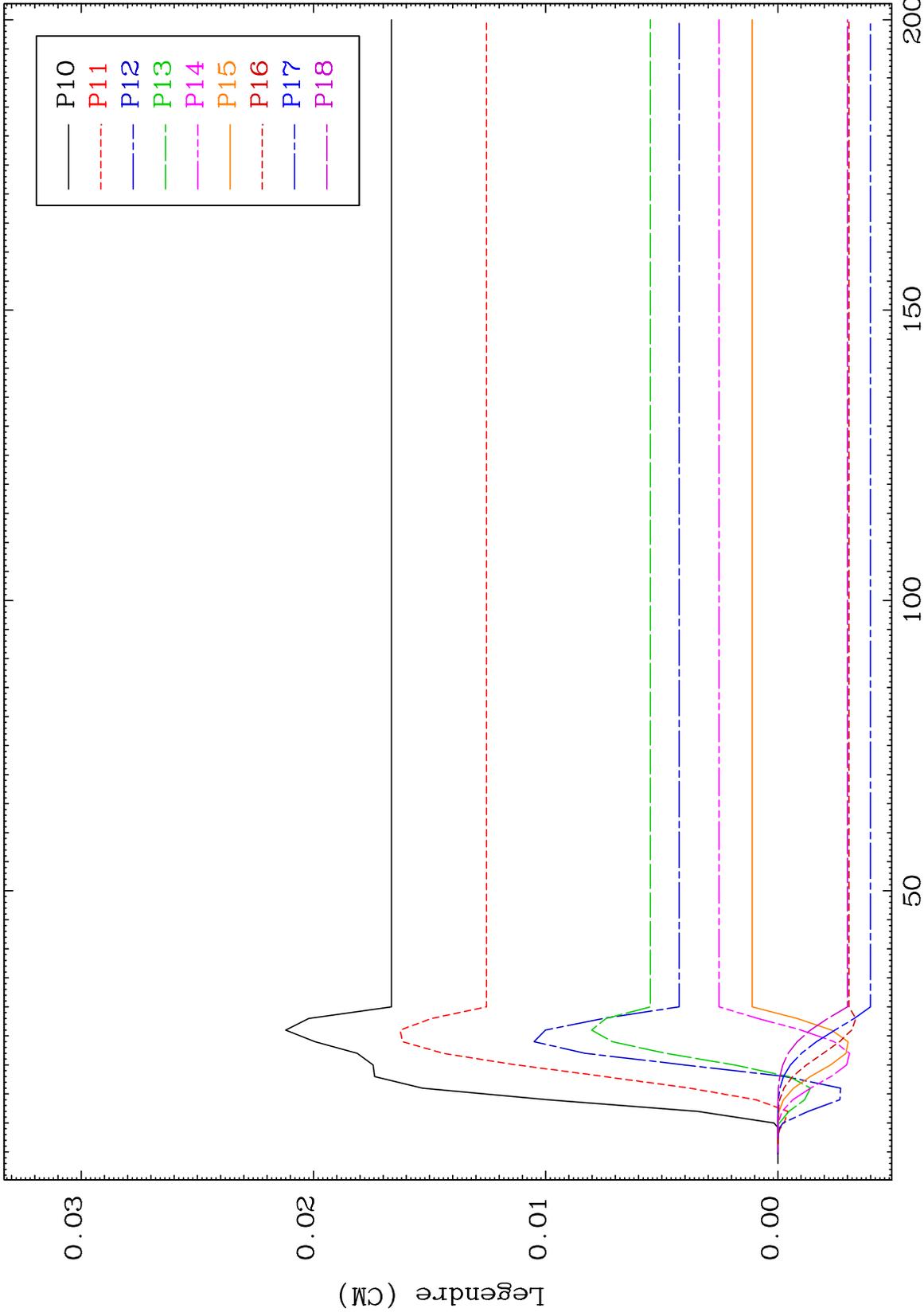
42-Mo-93



43

Incident Energy (MeV)

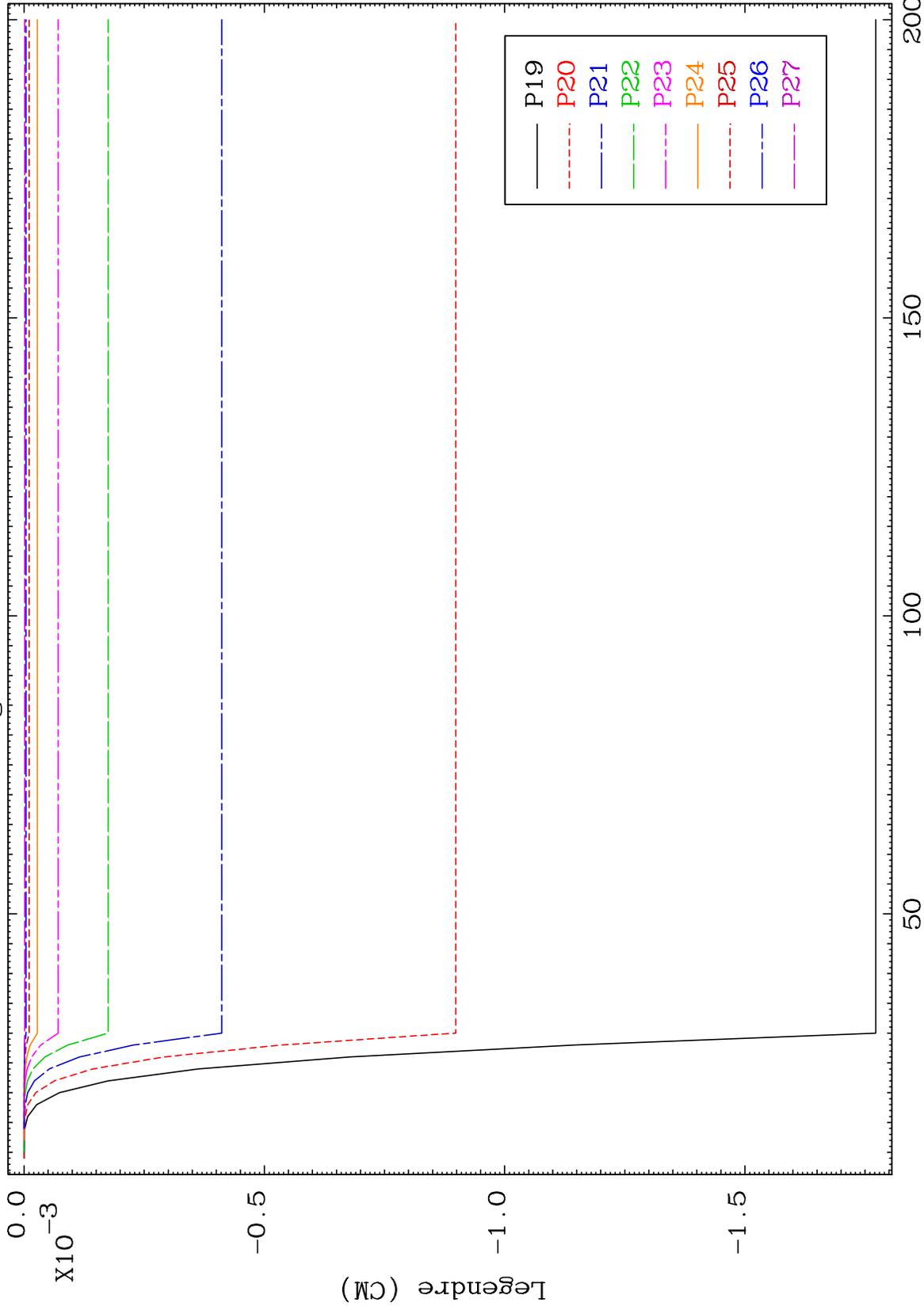
42-Mo-93



MAT 4228

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

42-Mo-93

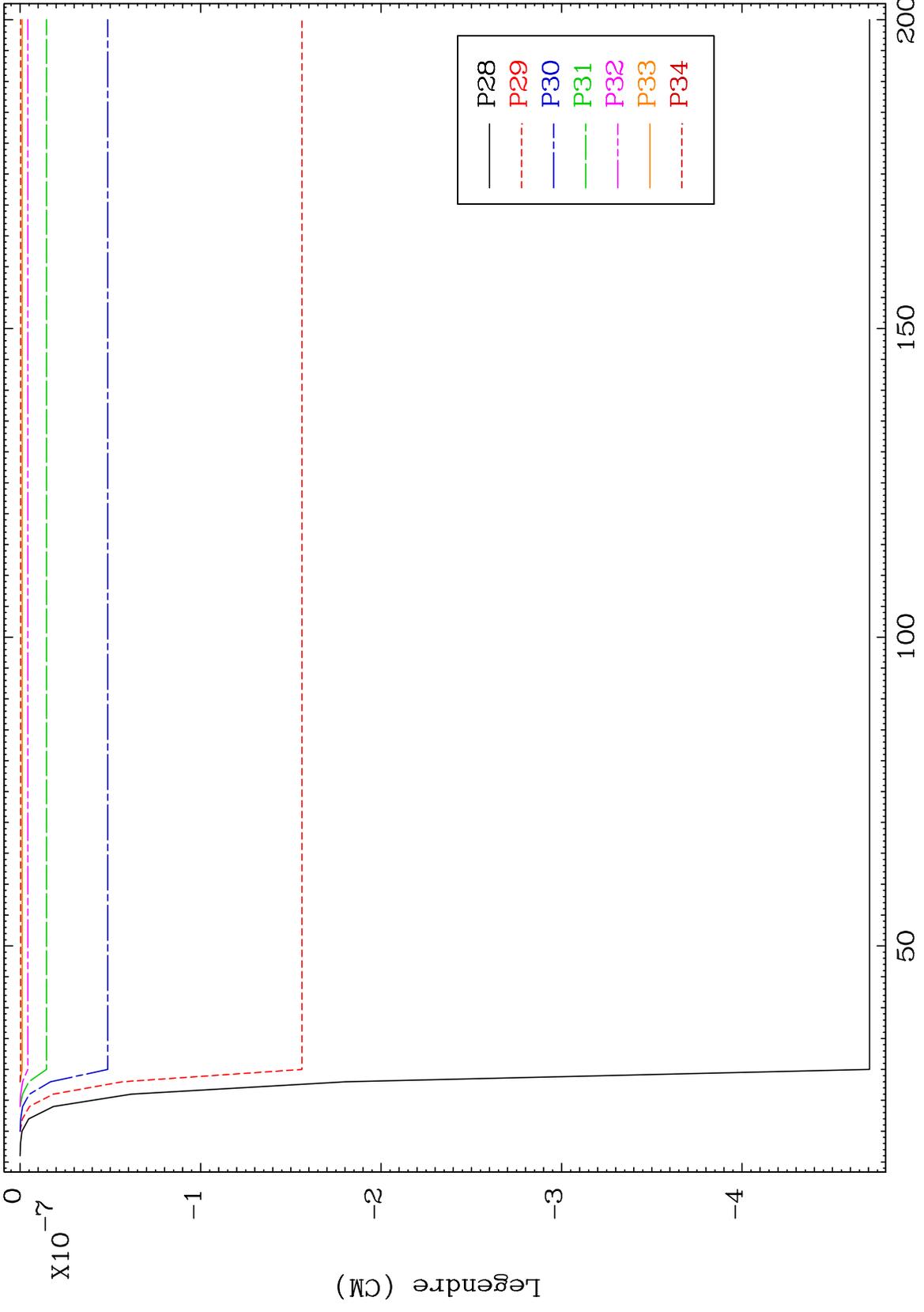


42-Mo-93

Incident Energy (MeV)

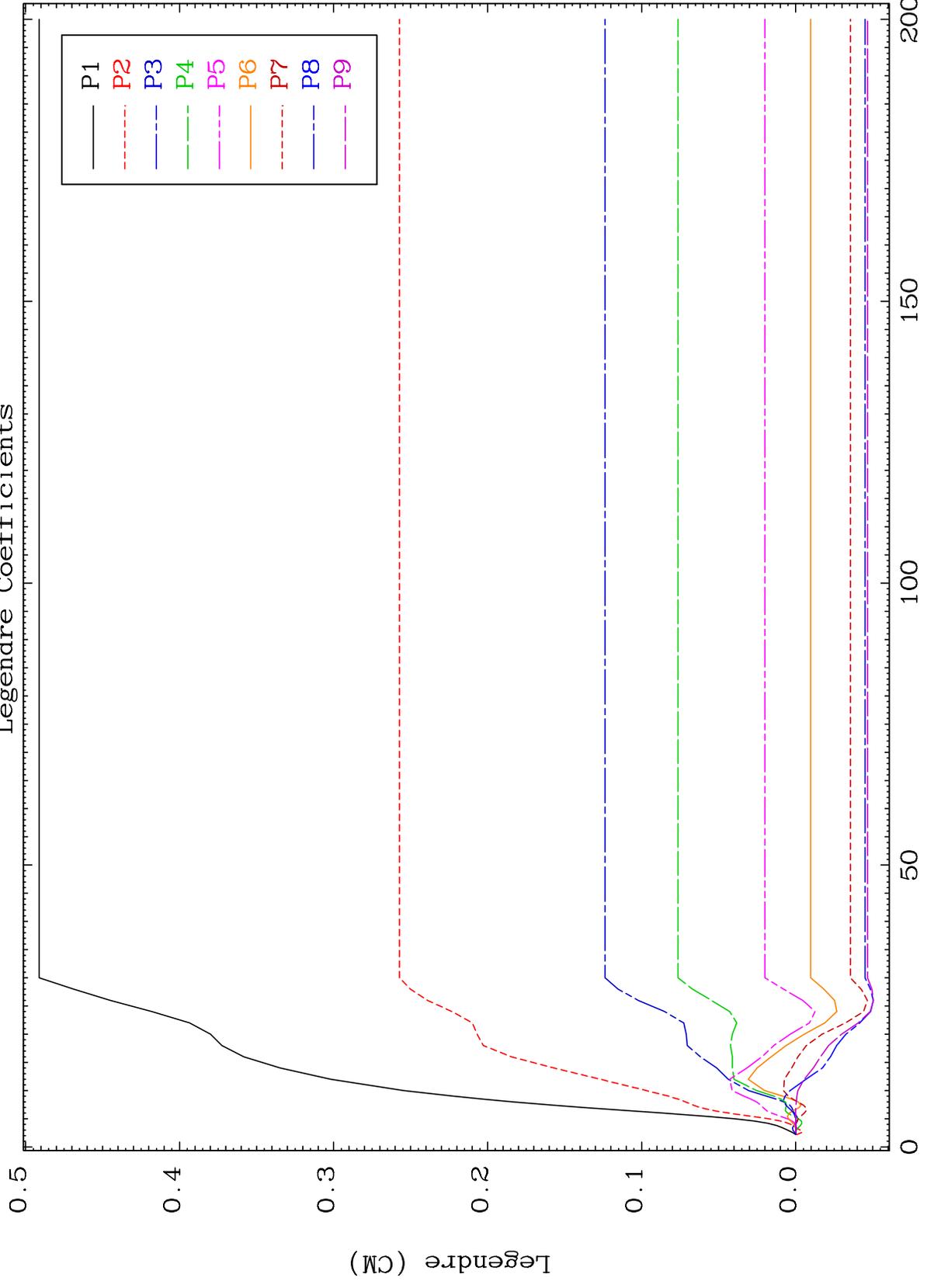
45

MAT 4228 MT= 57 (n,n') Level Legendre Coefficients 42-Mo-93



46 Incident Energy (MeV) 42-Mo-93

MAT 4228 MT= 58 (n,n') Level Legendre Coefficients 42-Mo-93

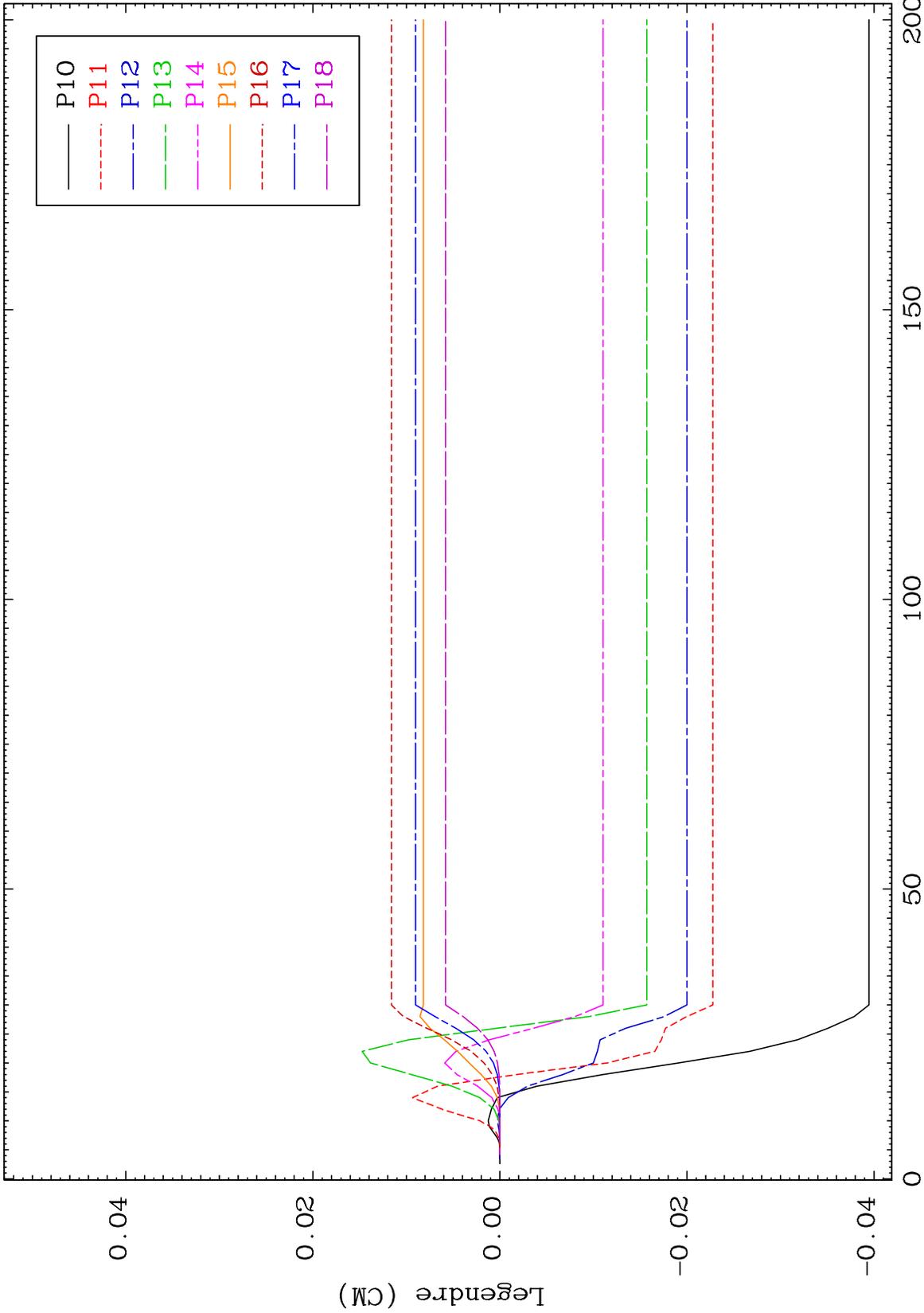


47 42-Mo-93

MAT 4228

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

42-Mo-93



48

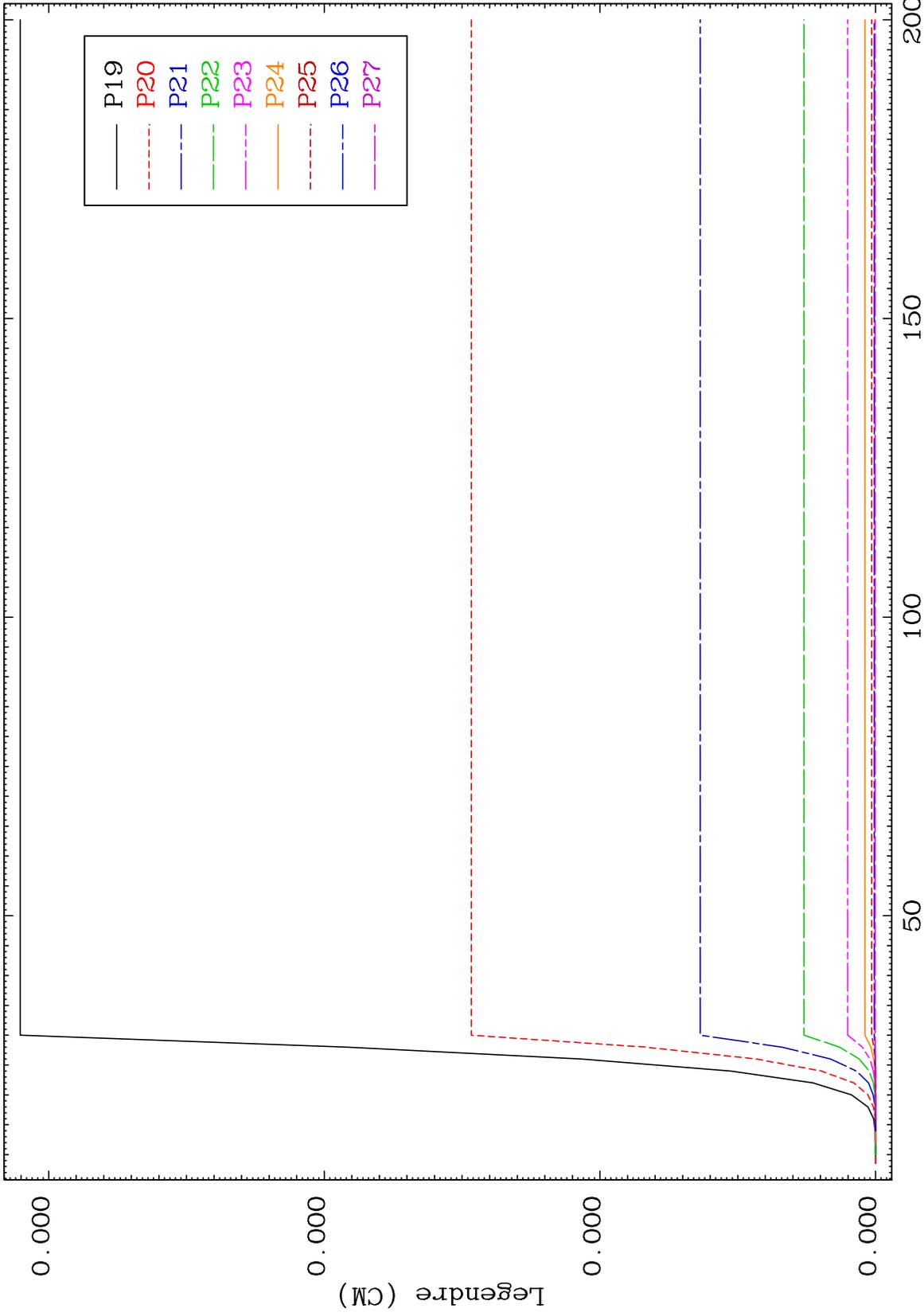
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



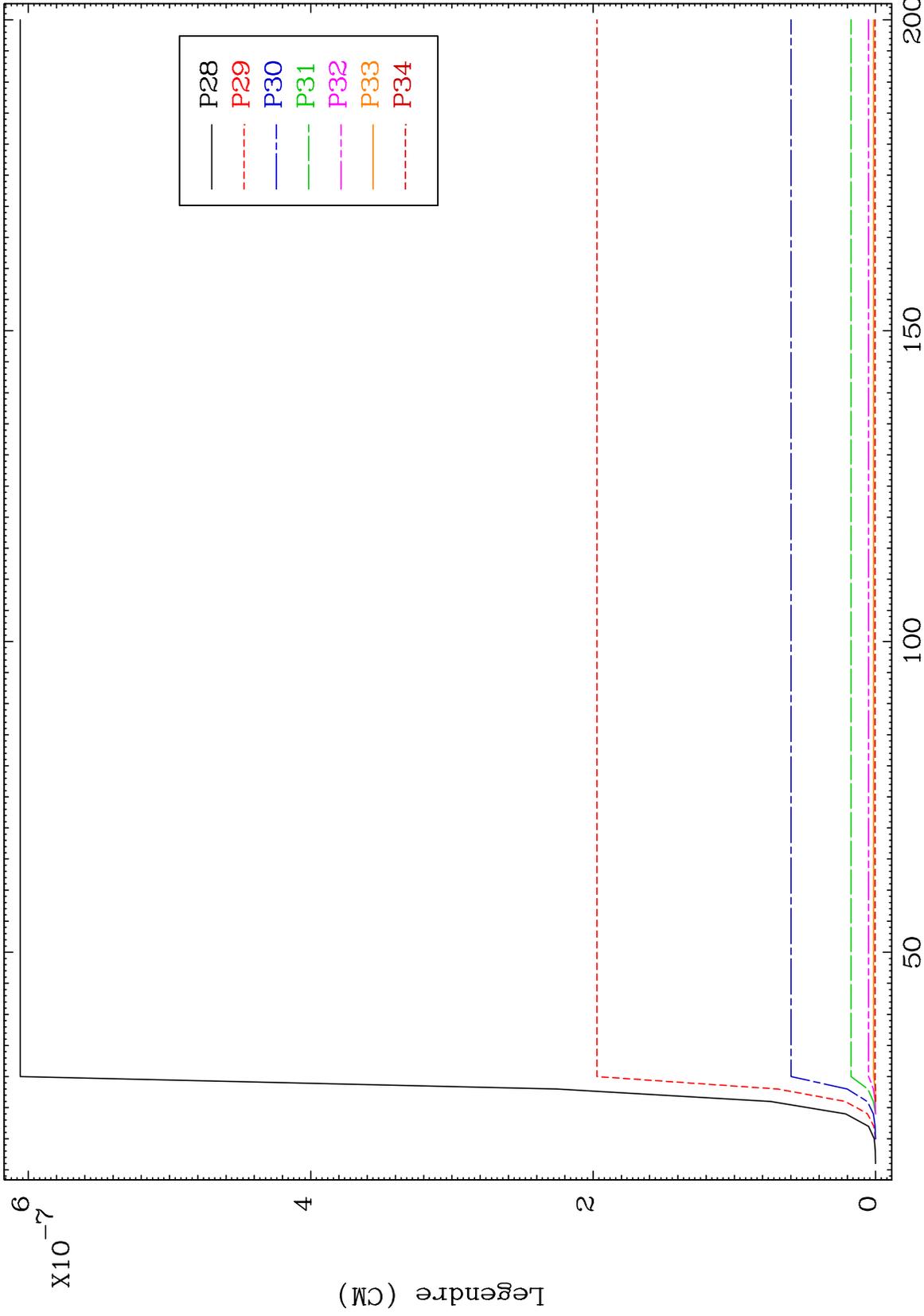
49

42-Mo-93

MAT 4228

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

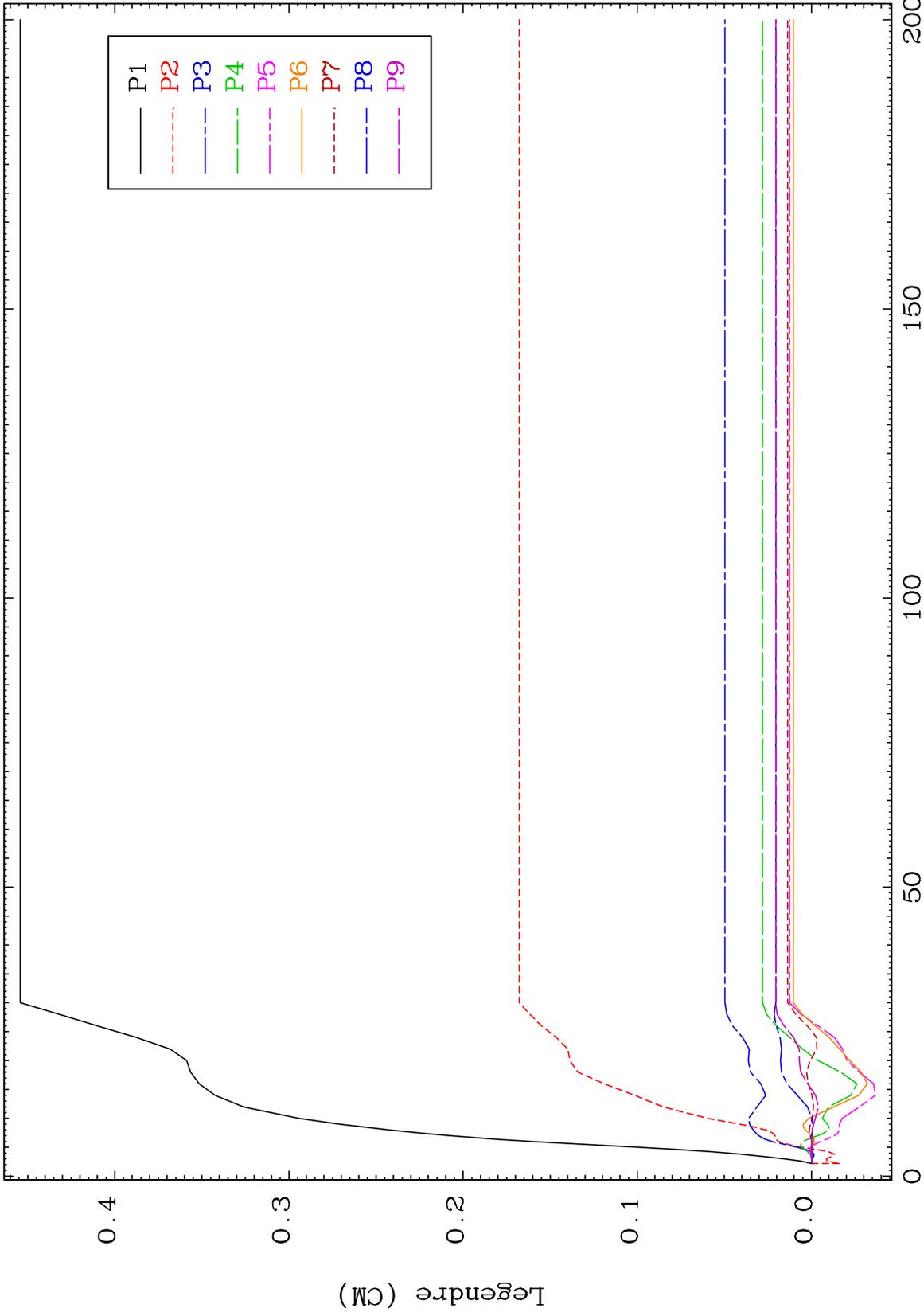
42-Mo-93



50

Incident Energy (MeV)

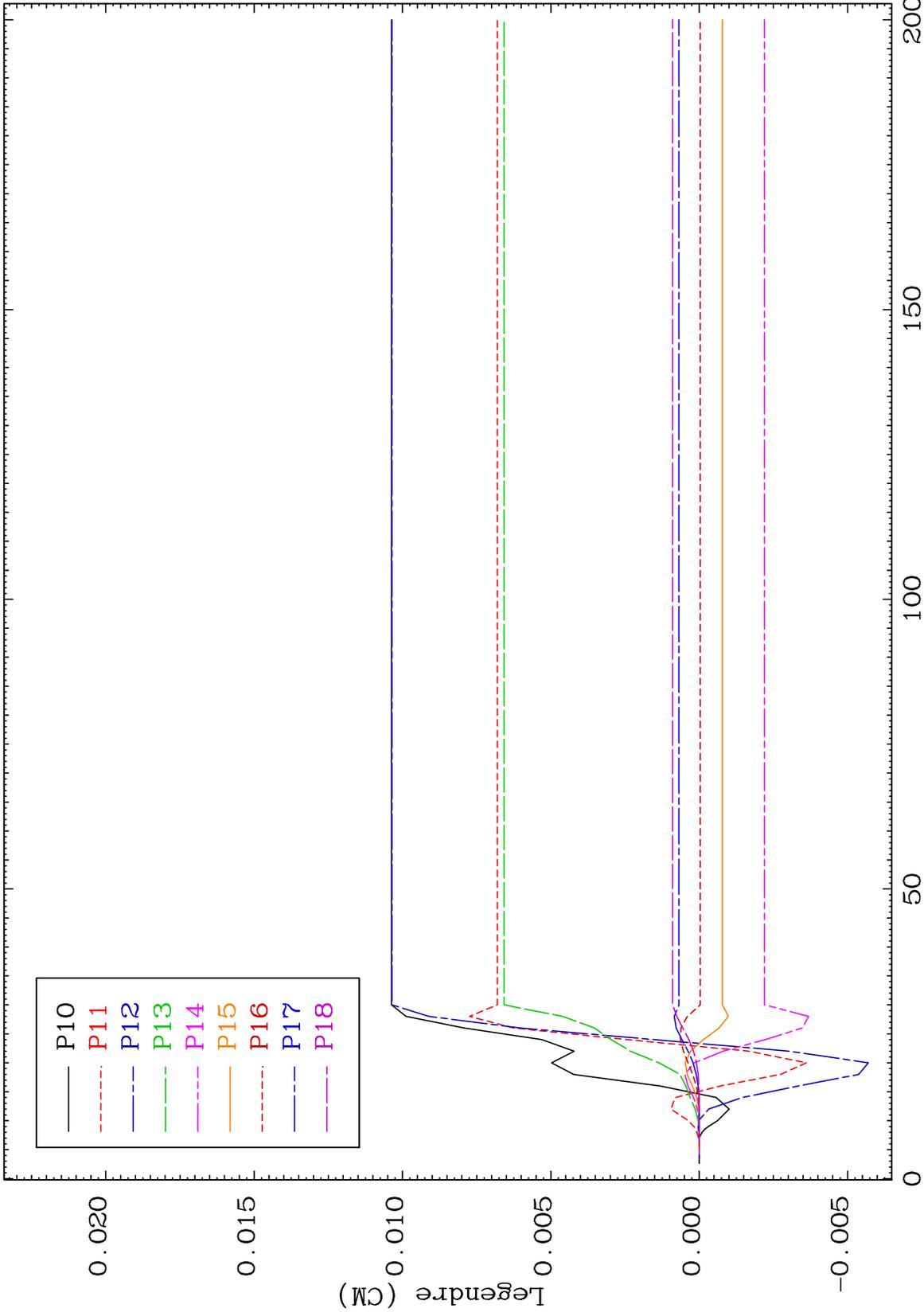
42-Mo-93



MAT 4228

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

42-Mo-93



52

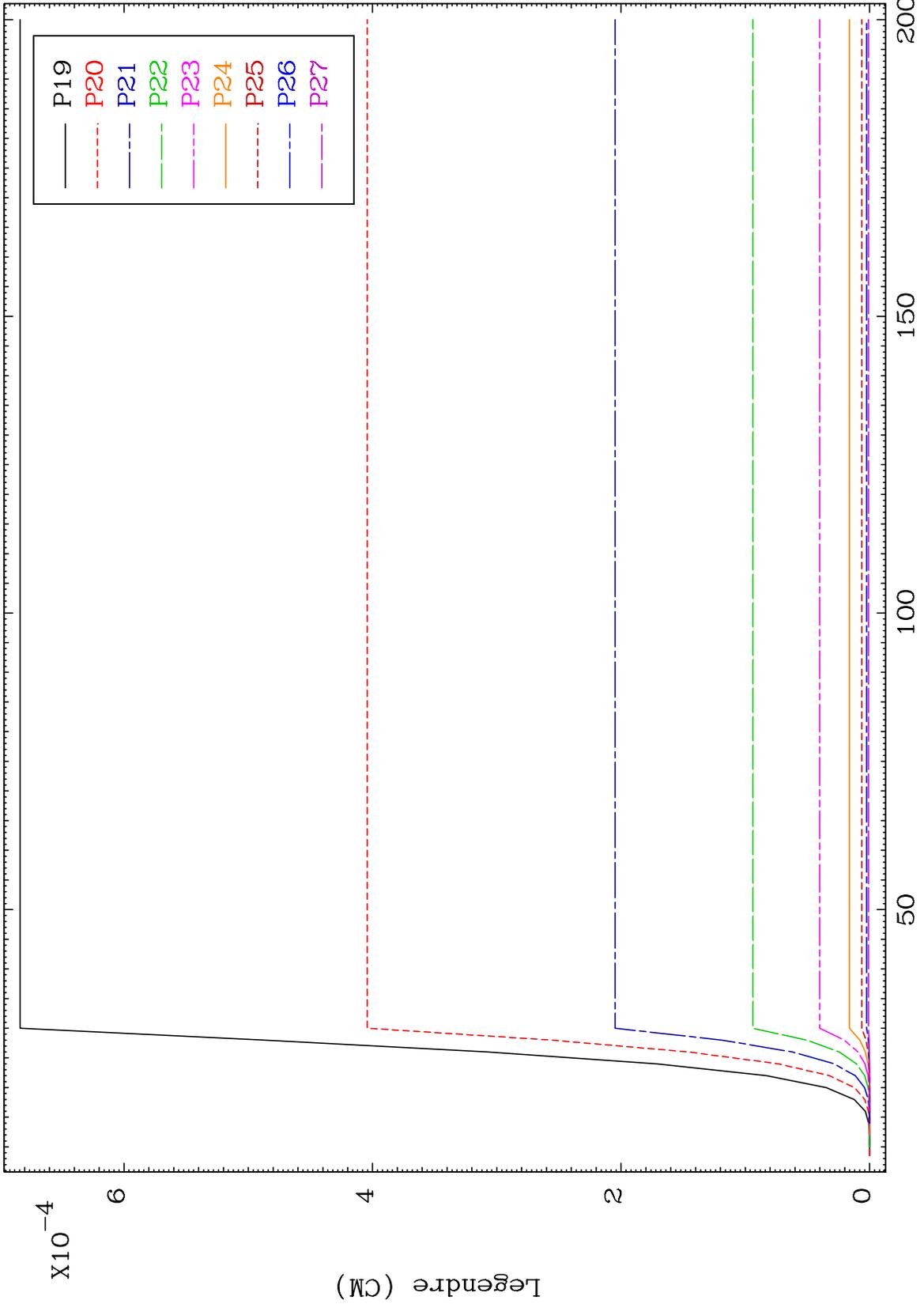
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



53

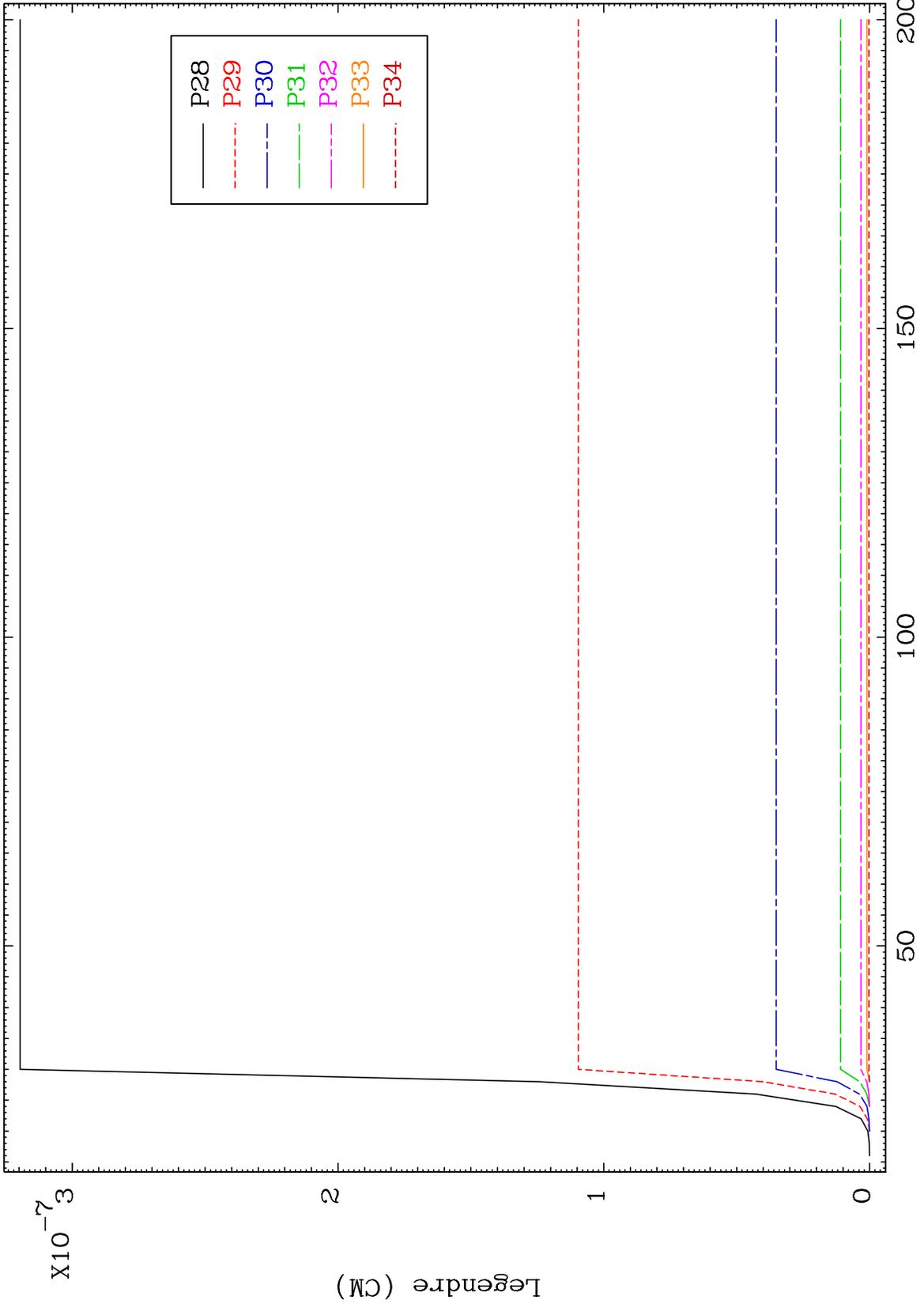
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



54

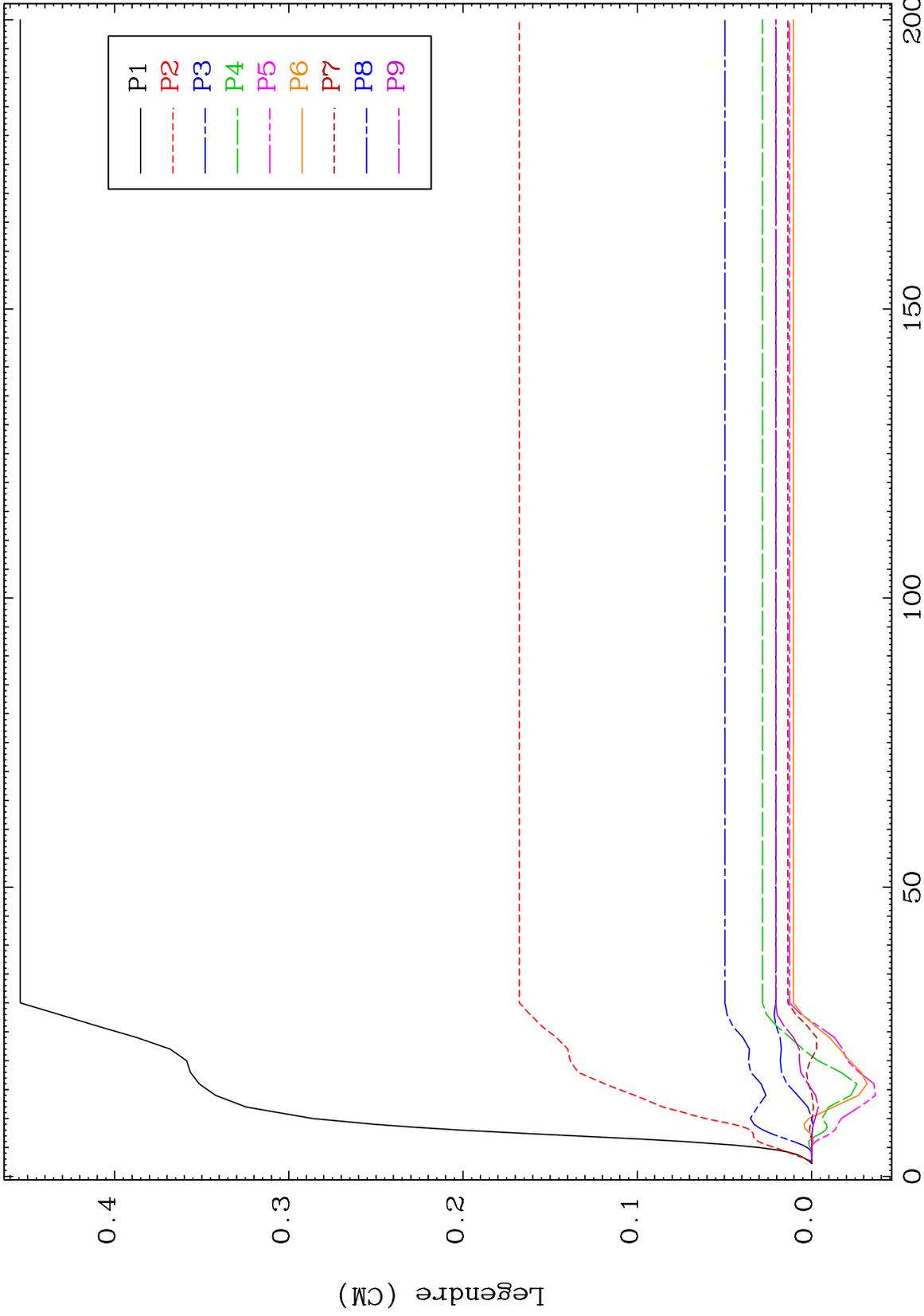
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



55

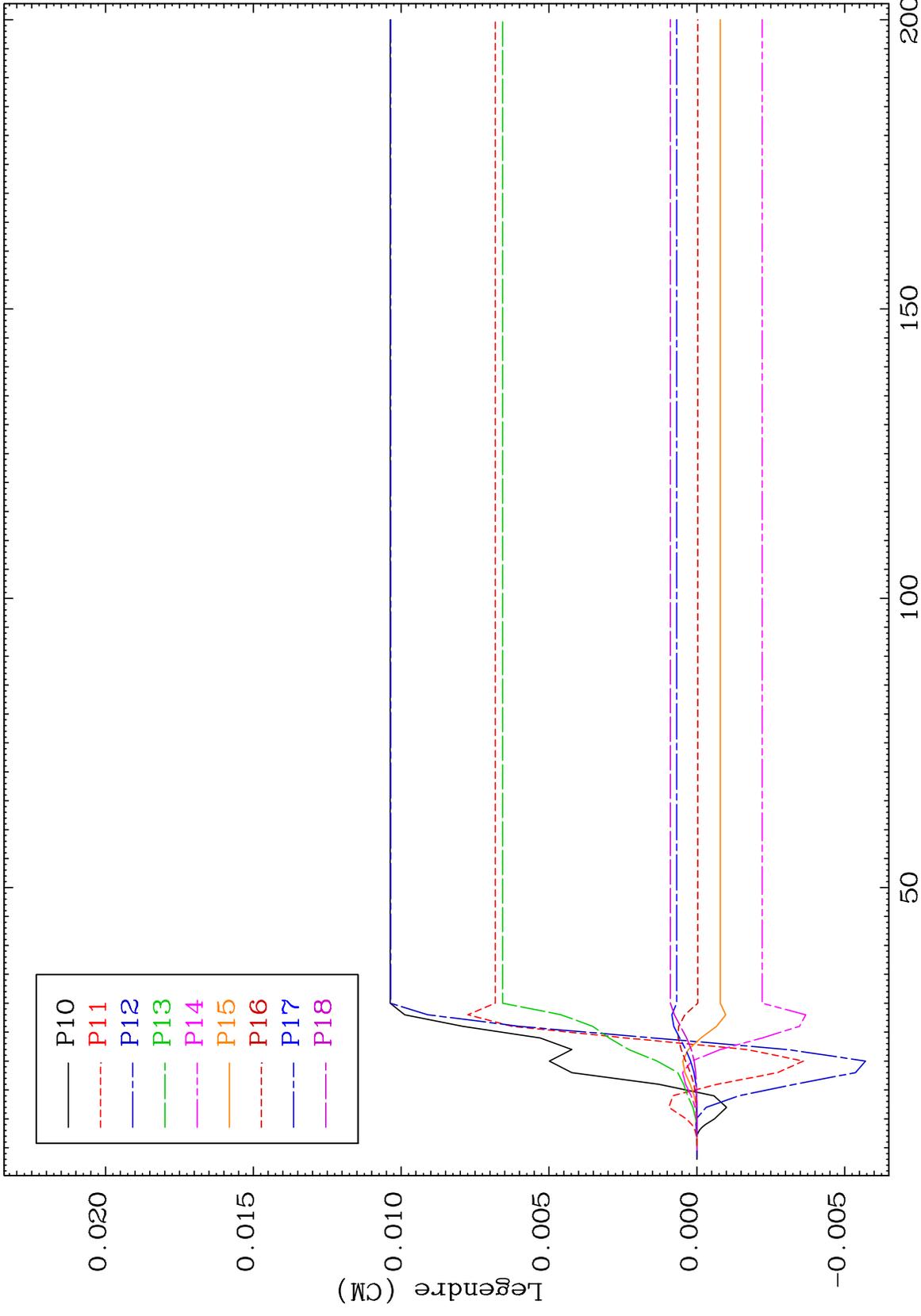
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



56

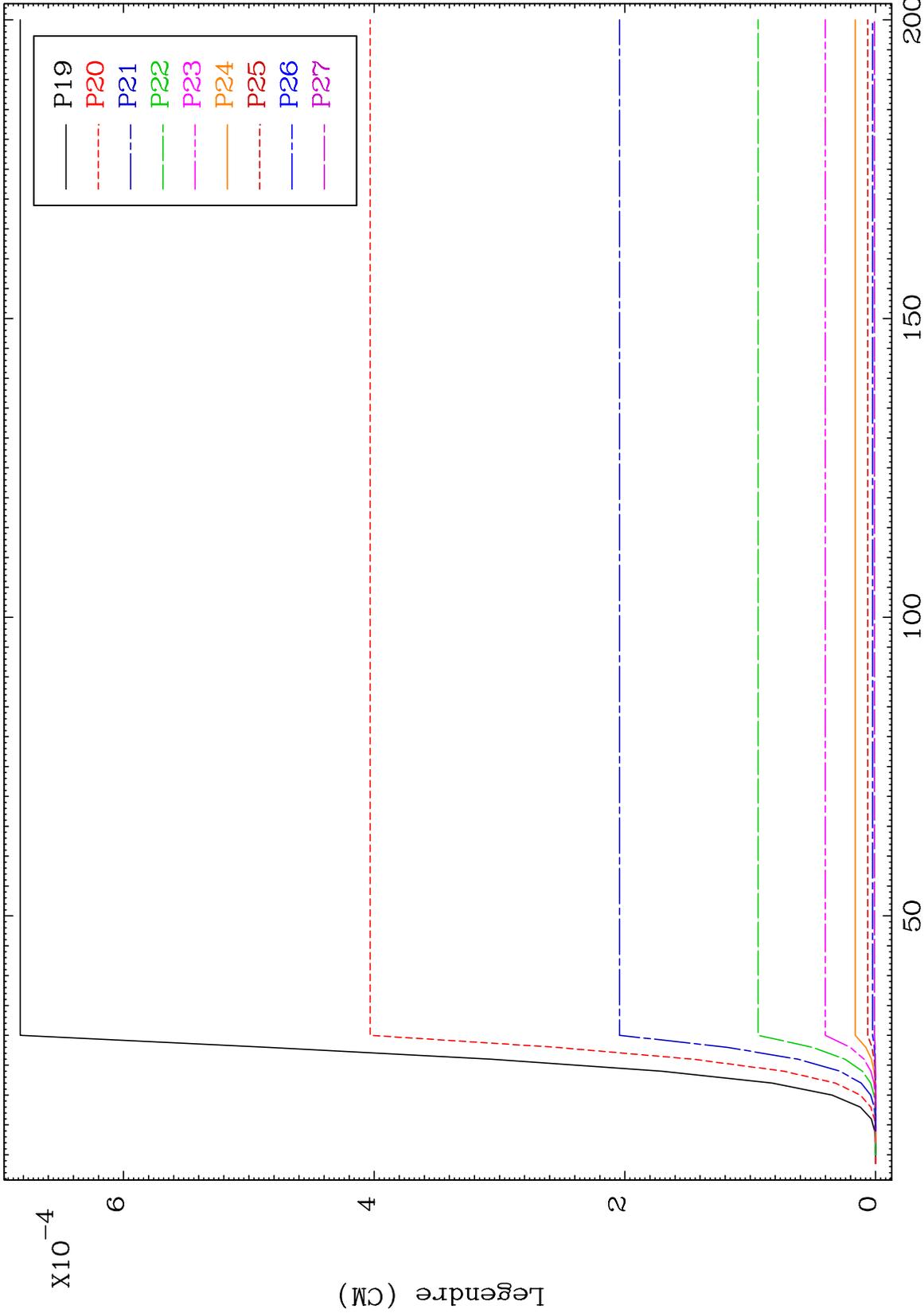
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



57

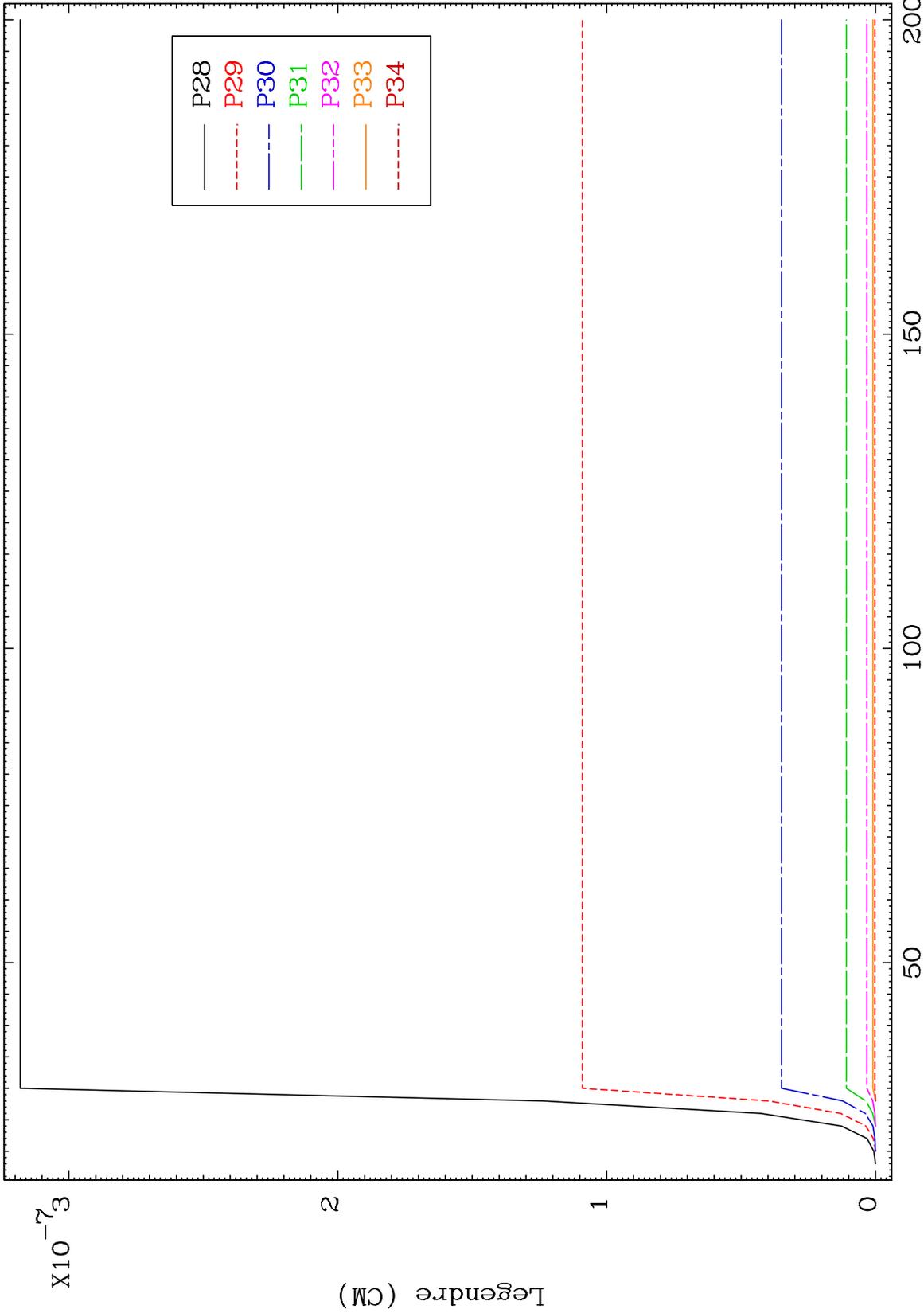
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



58

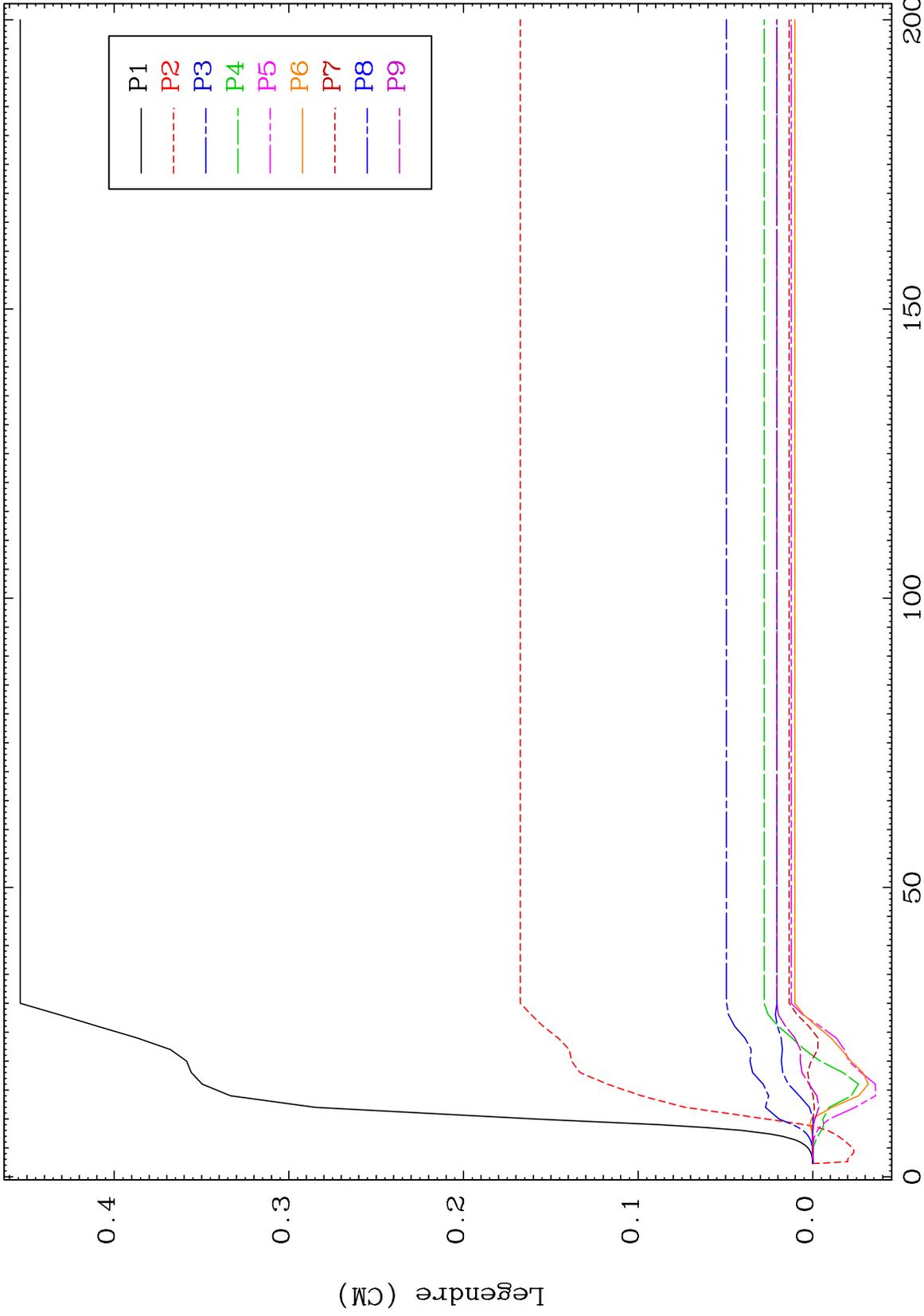
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



59

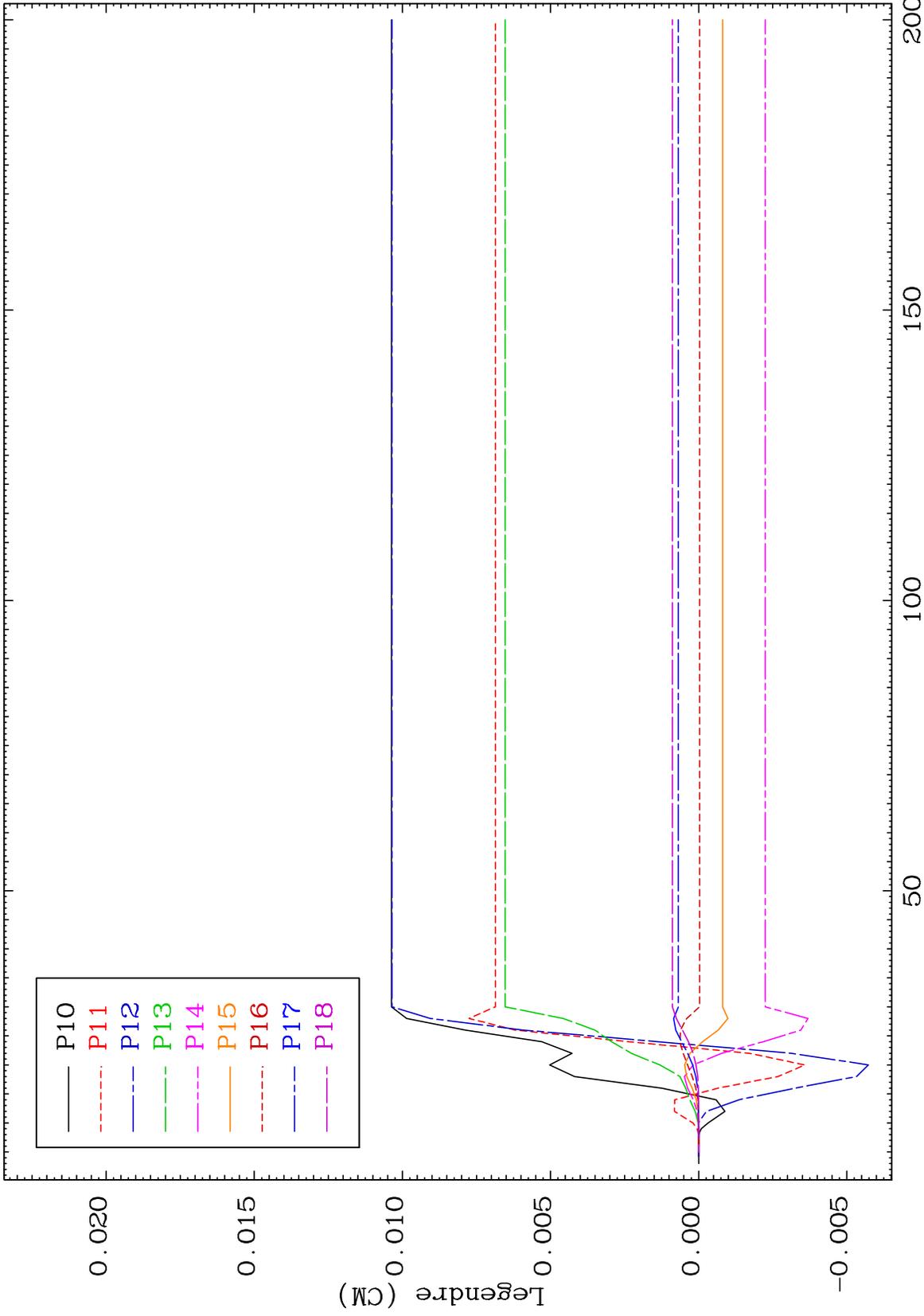
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



60

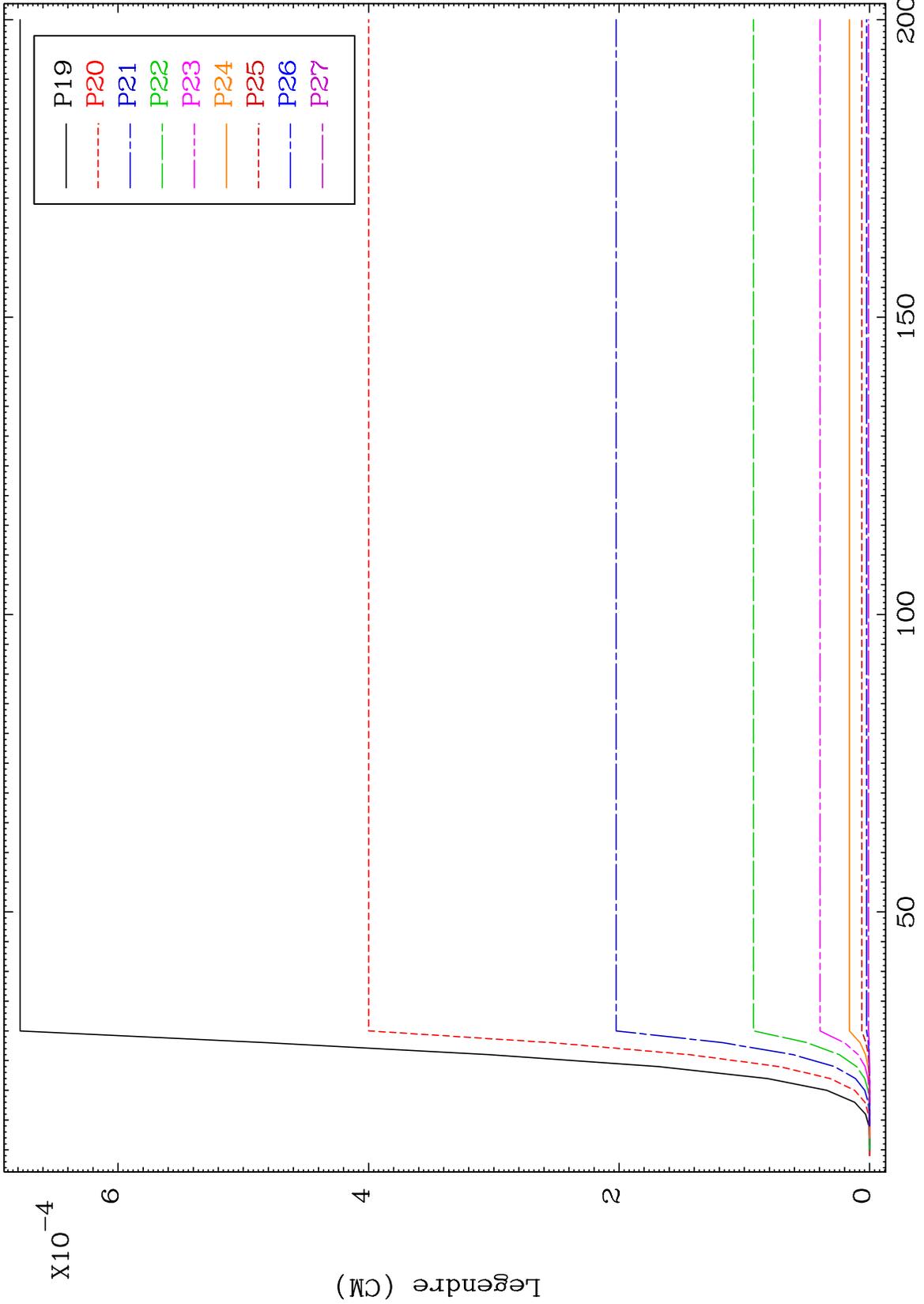
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



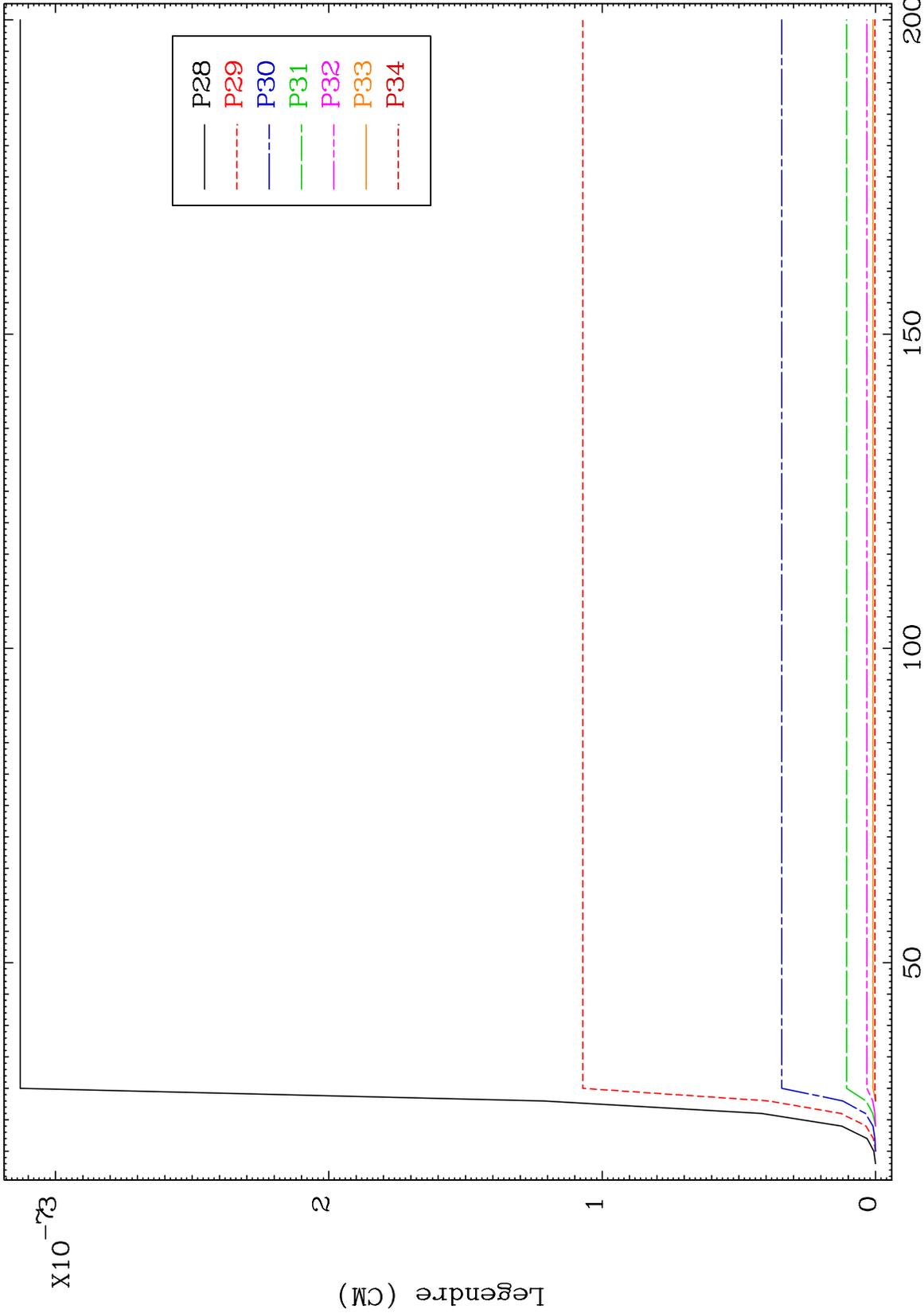
61

42-Mo-93

MAT 4228

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

42-Mo-93



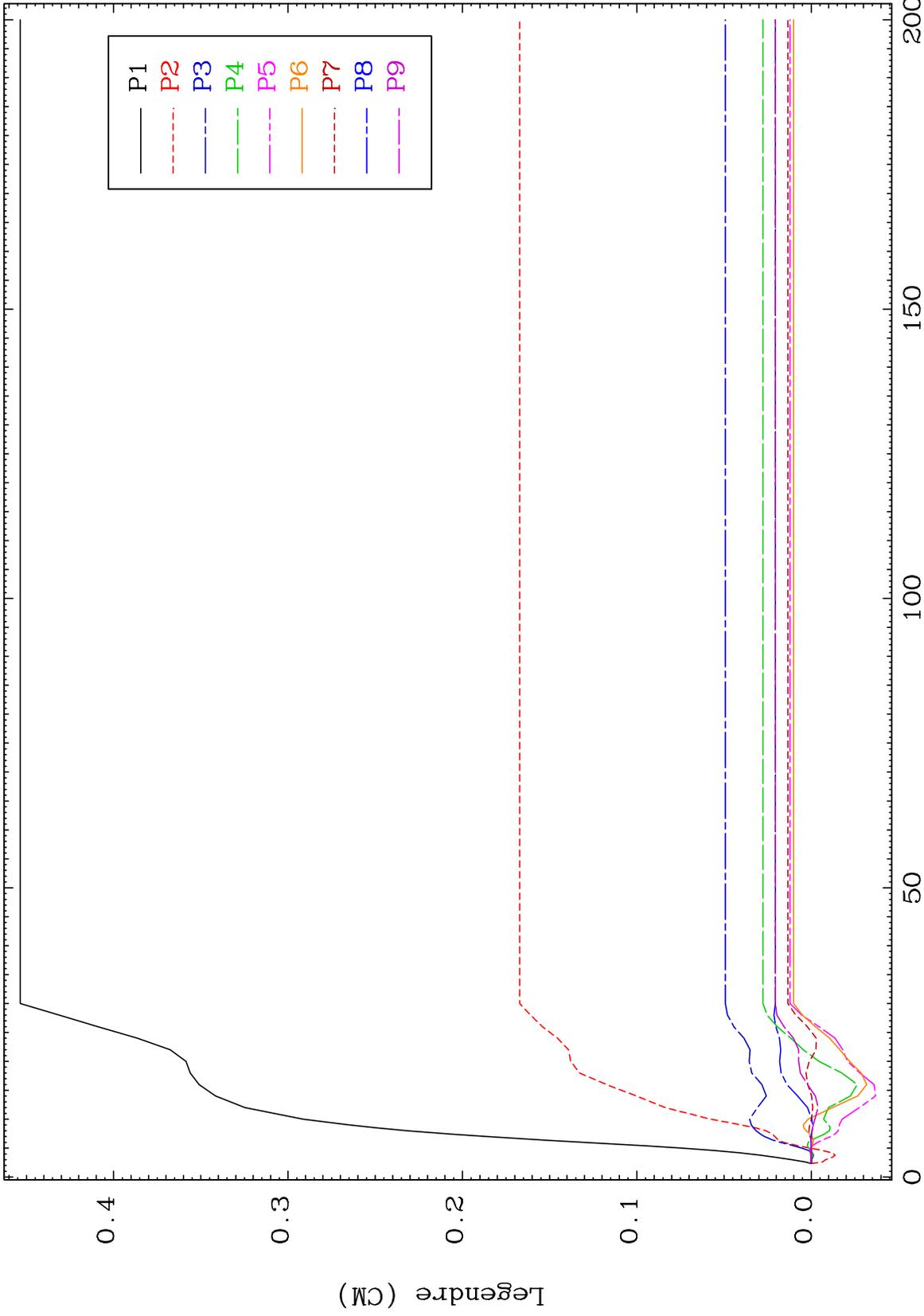
62

42-Mo-93

MAT 4228

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

42-Mo-93



63

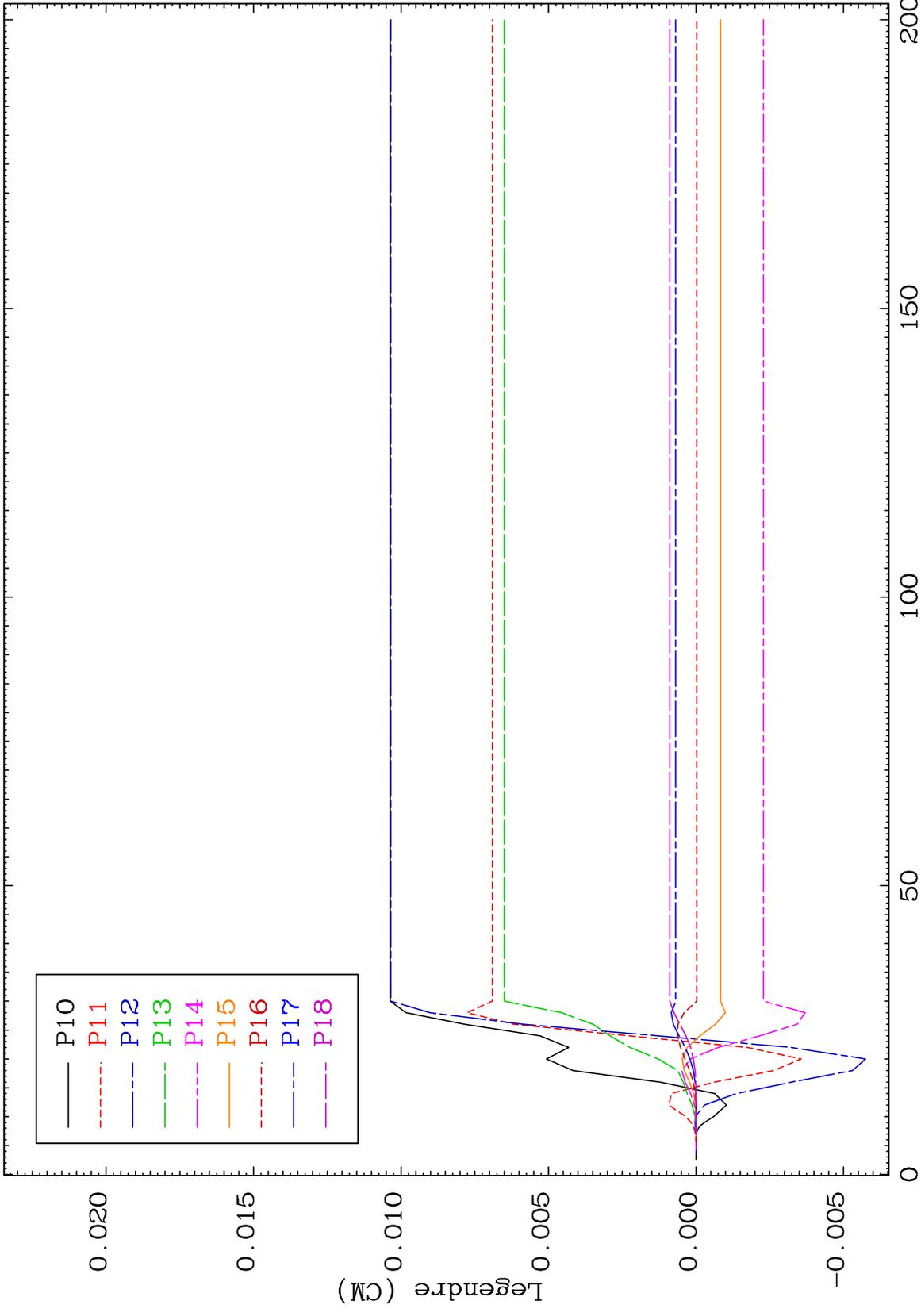
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



64

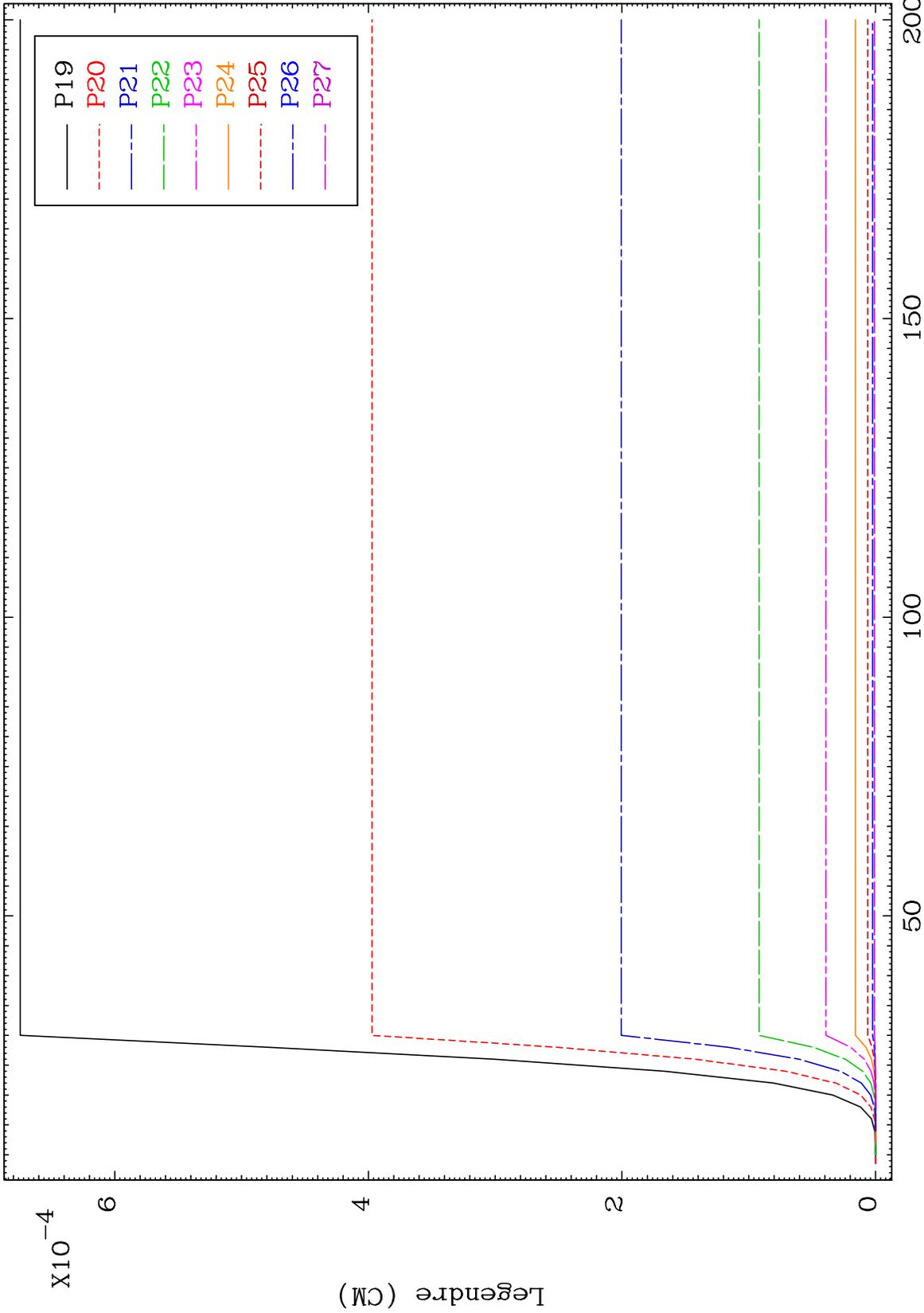
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



65

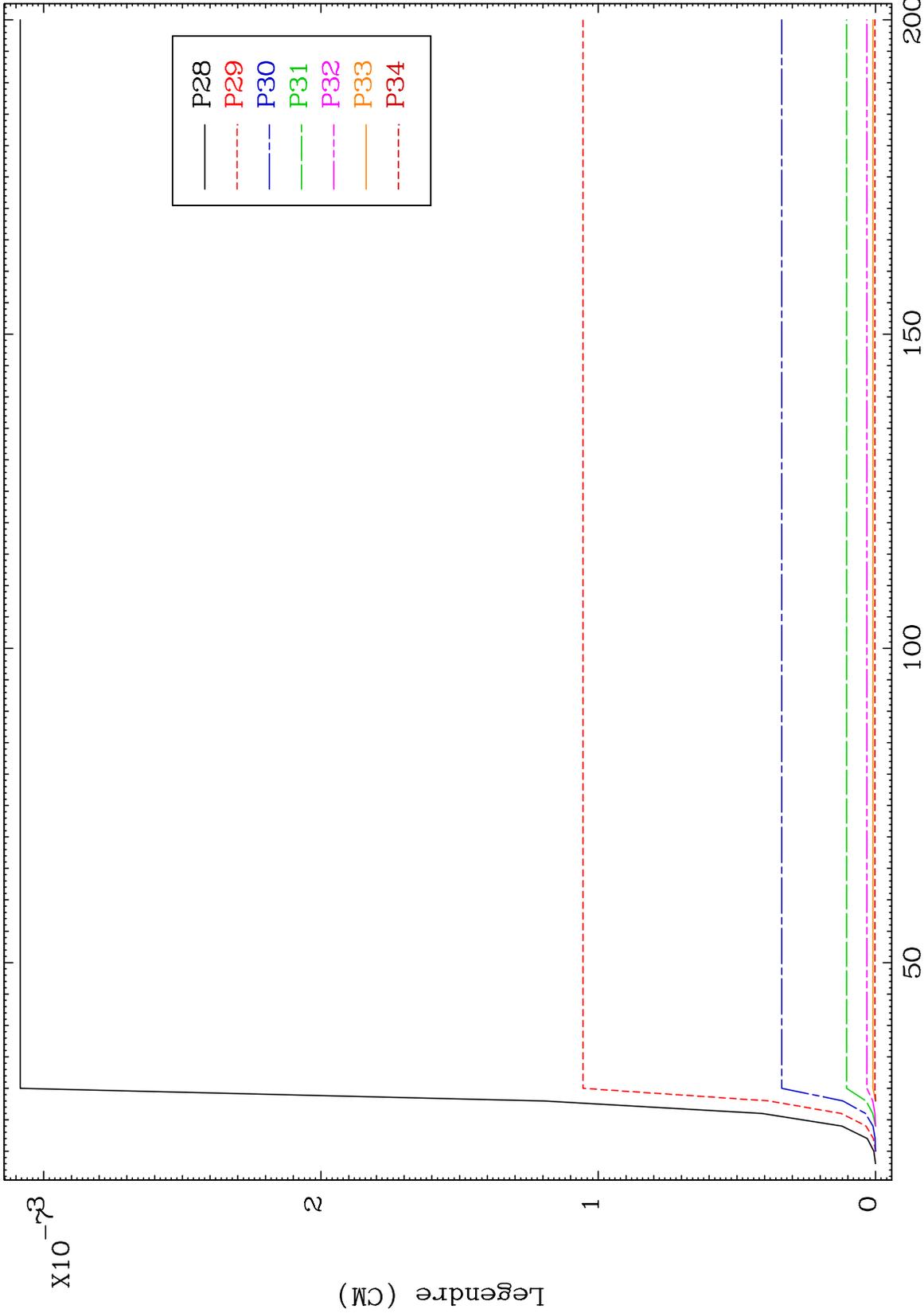
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



66

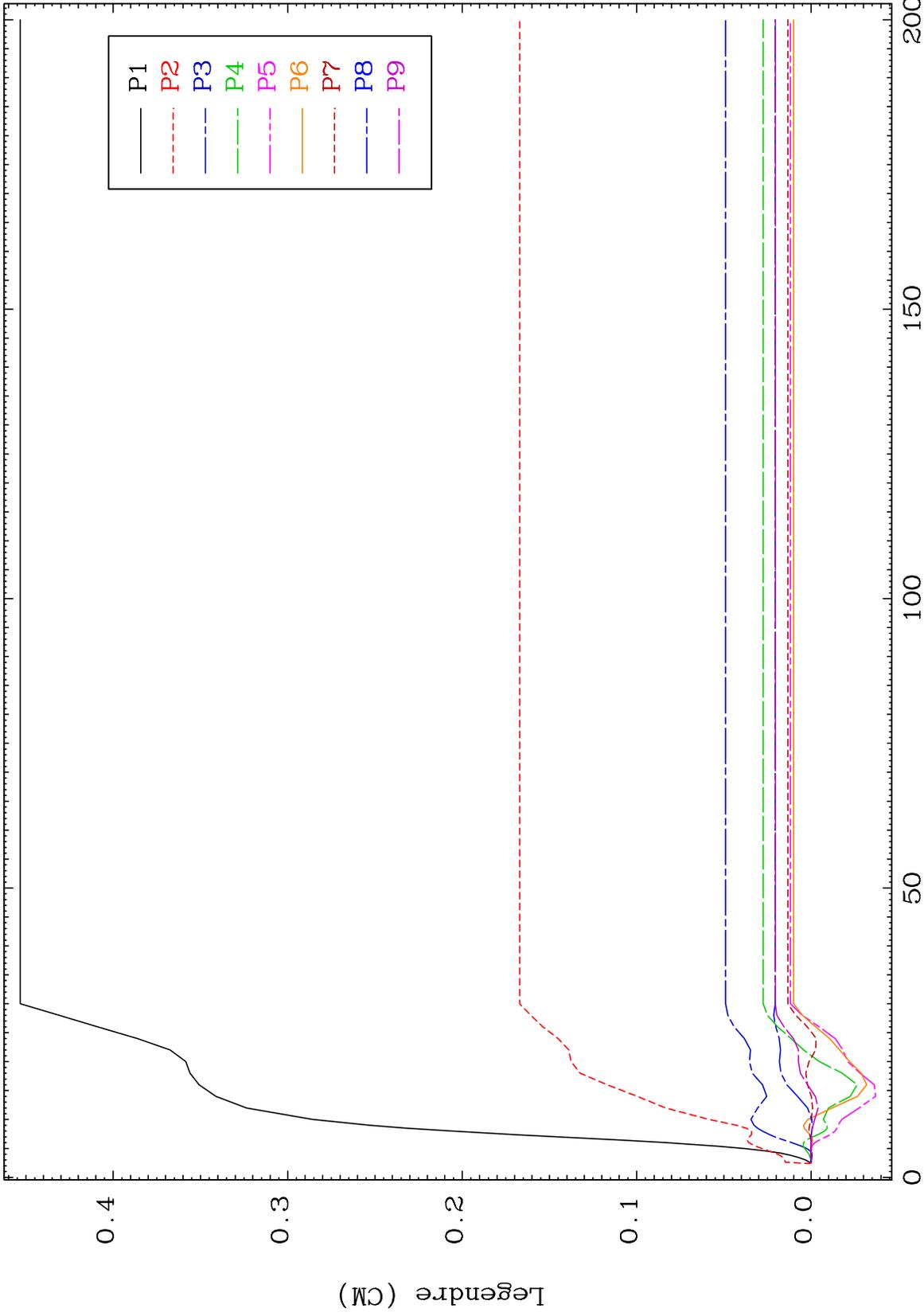
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



67

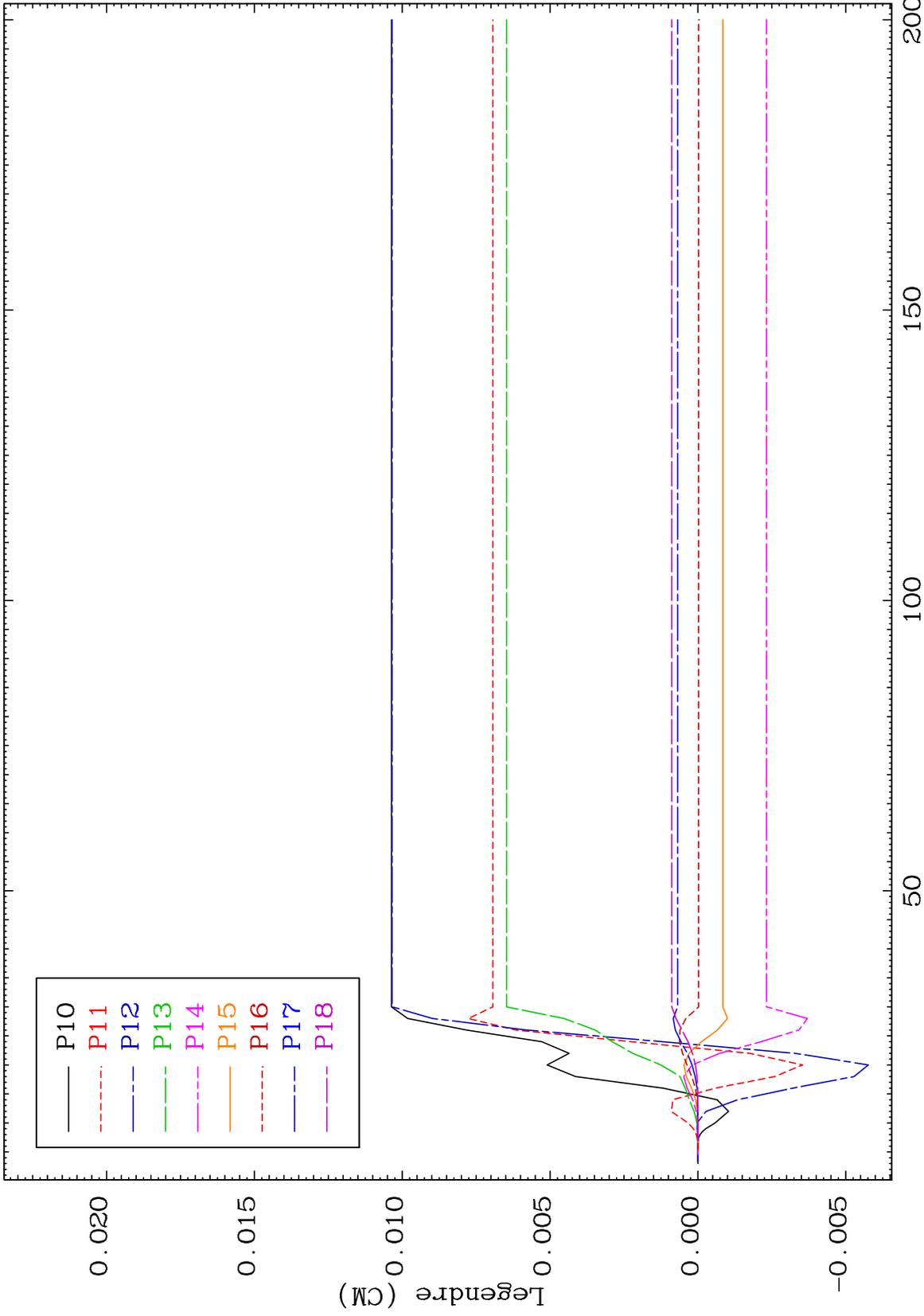
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



68

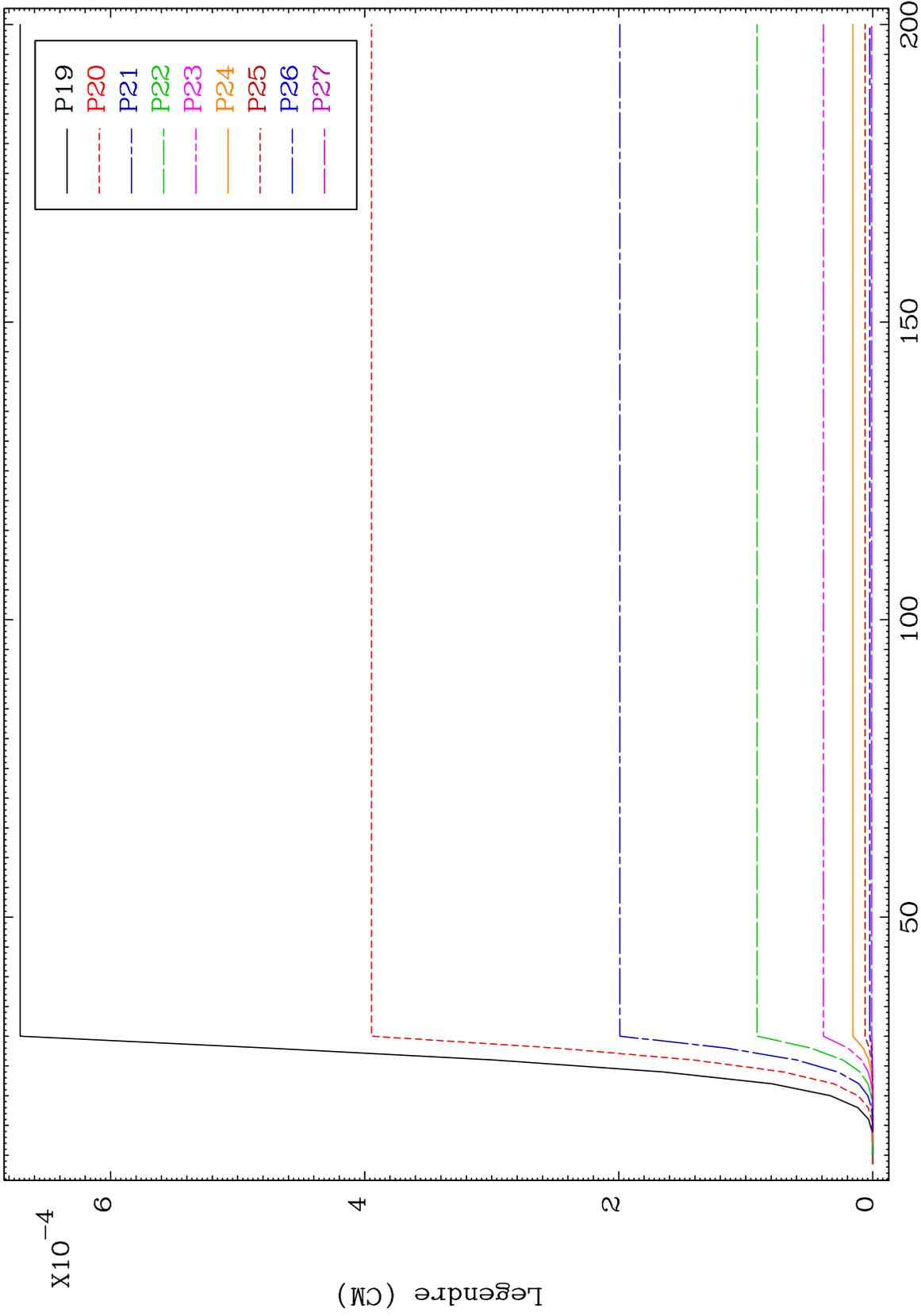
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



69

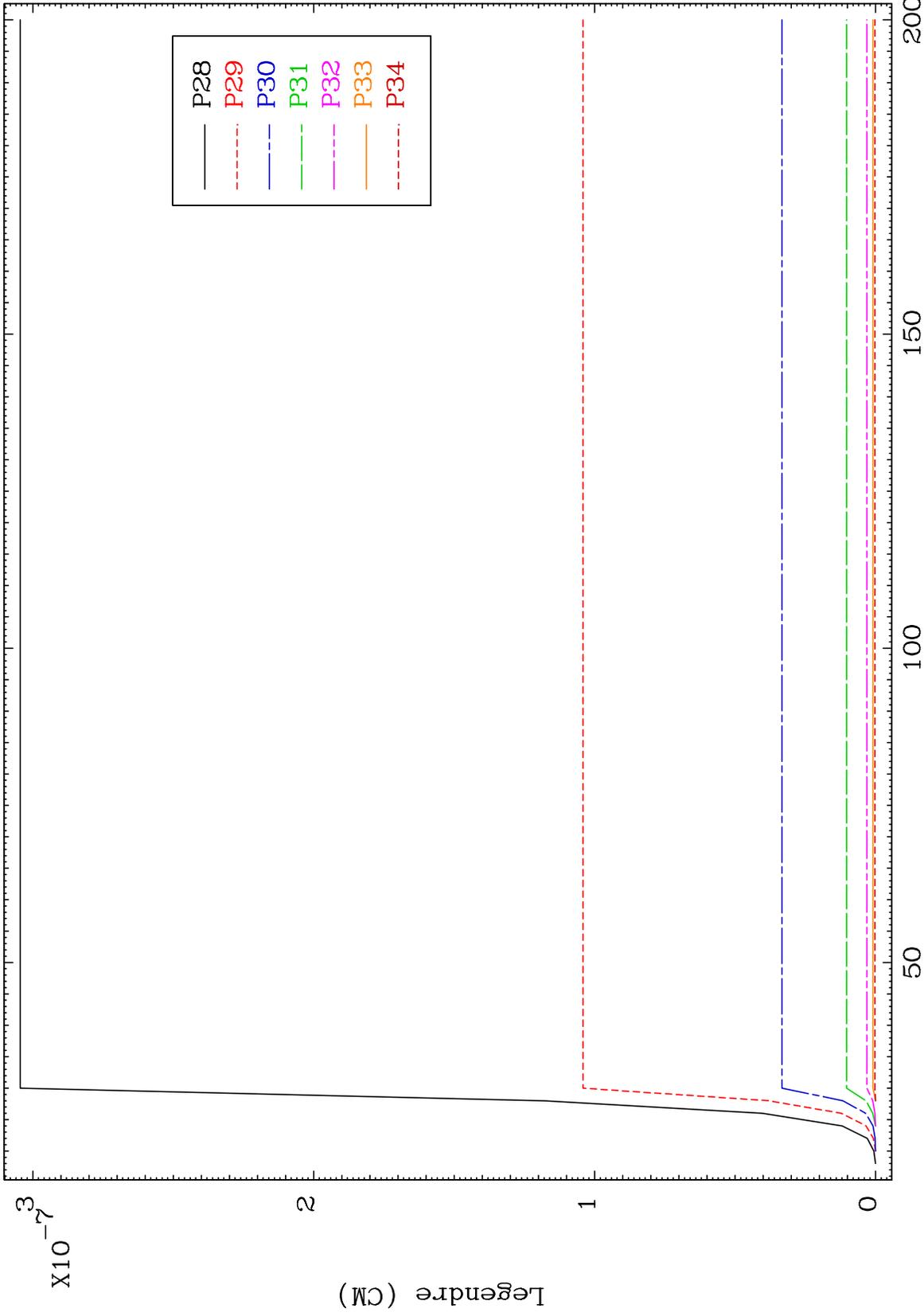
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



70

Incident Energy (MeV)

50

100

150

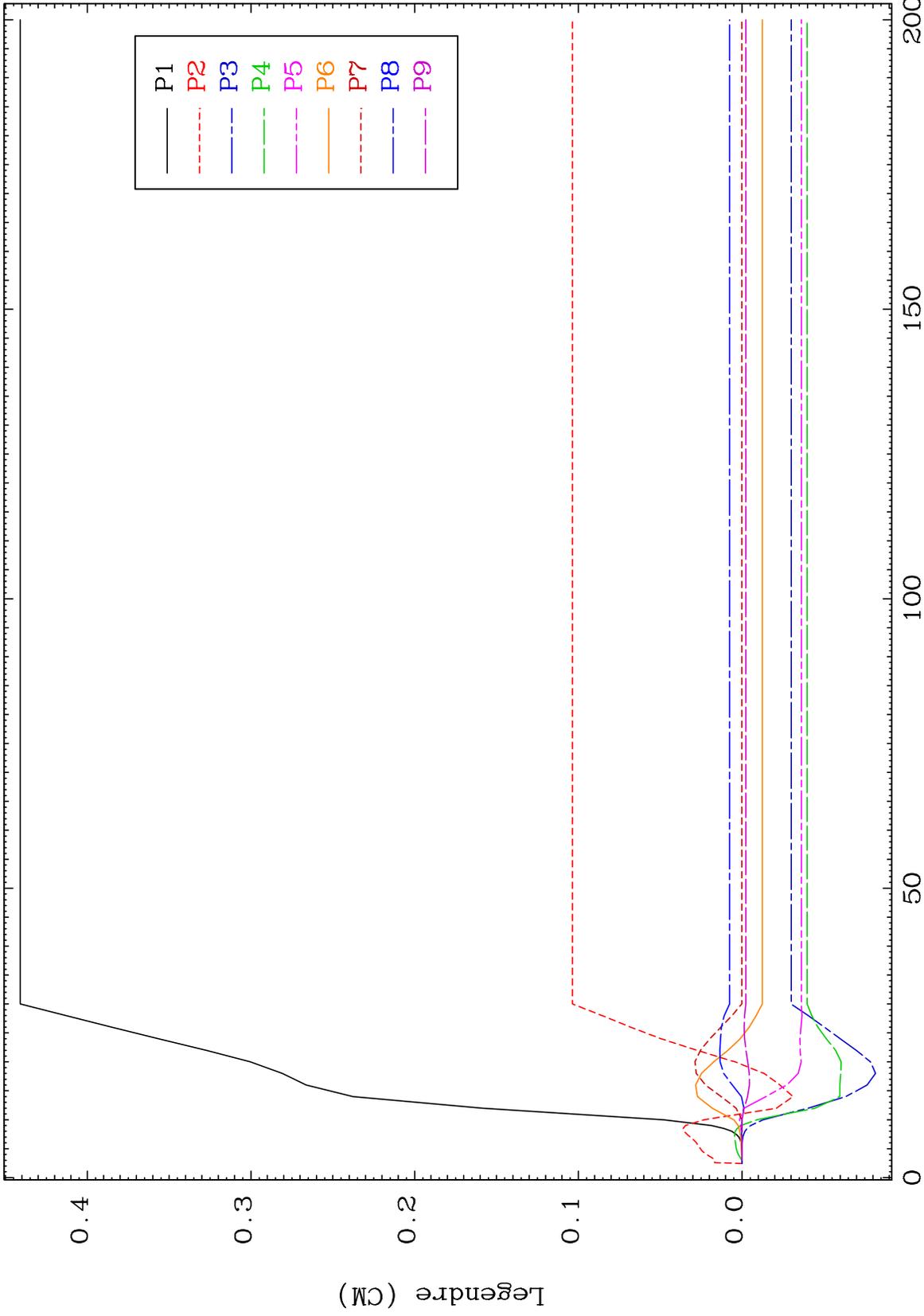
200

42-Mo-93

MAT 4228

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

42-Mo-93



71

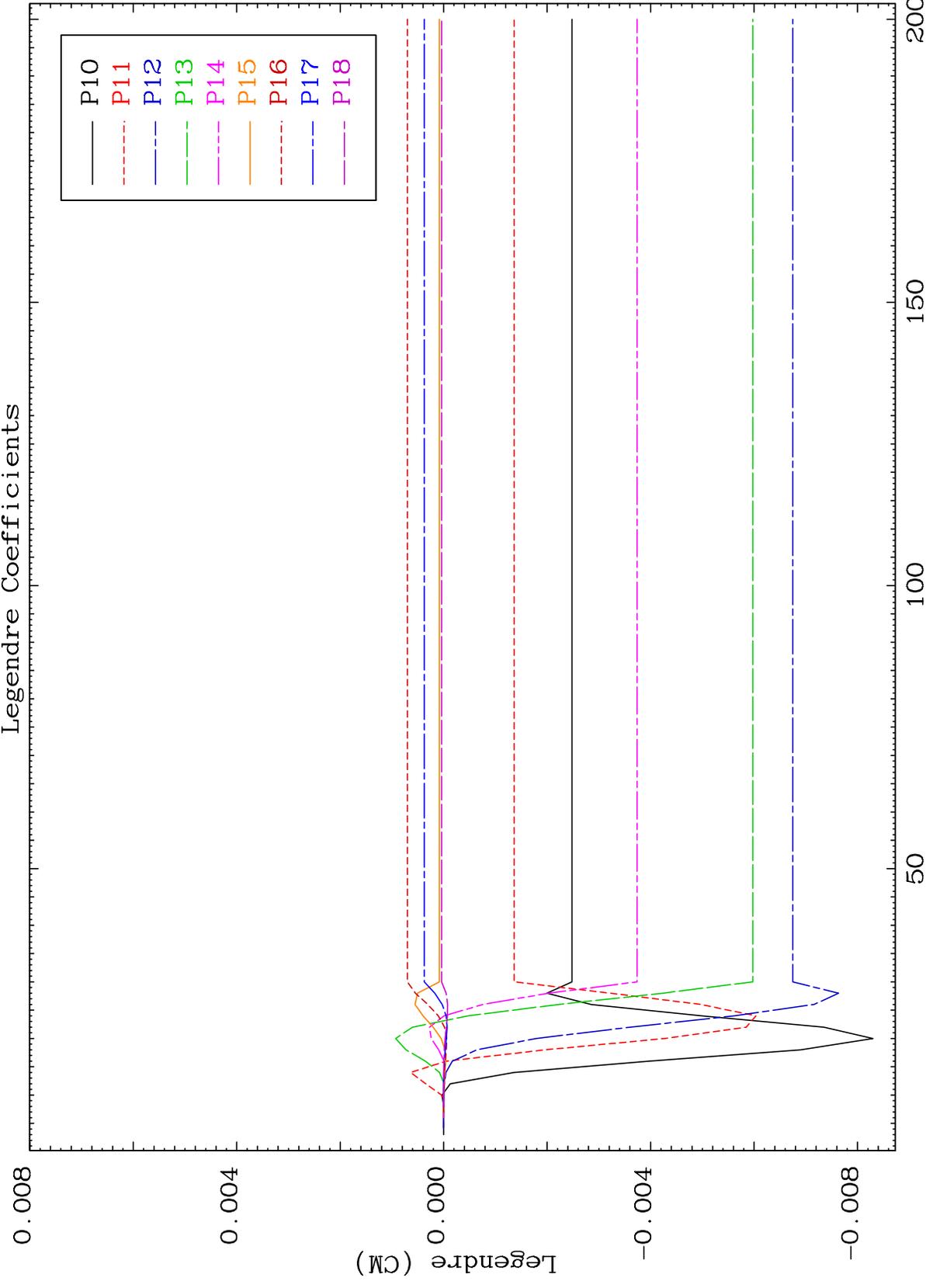
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

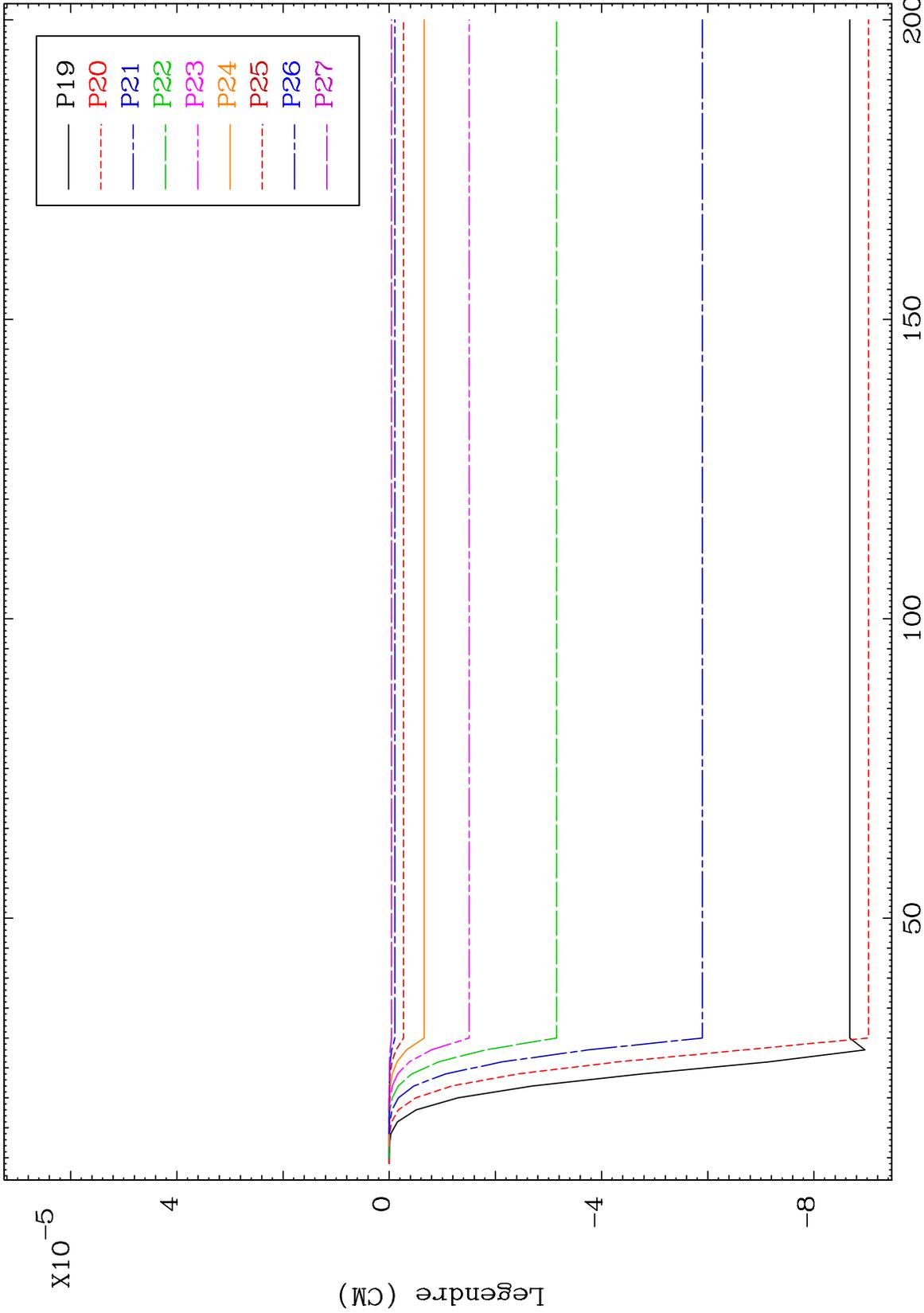
Incident Energy (MeV)

72

MAT 4228

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

42-Mo-93



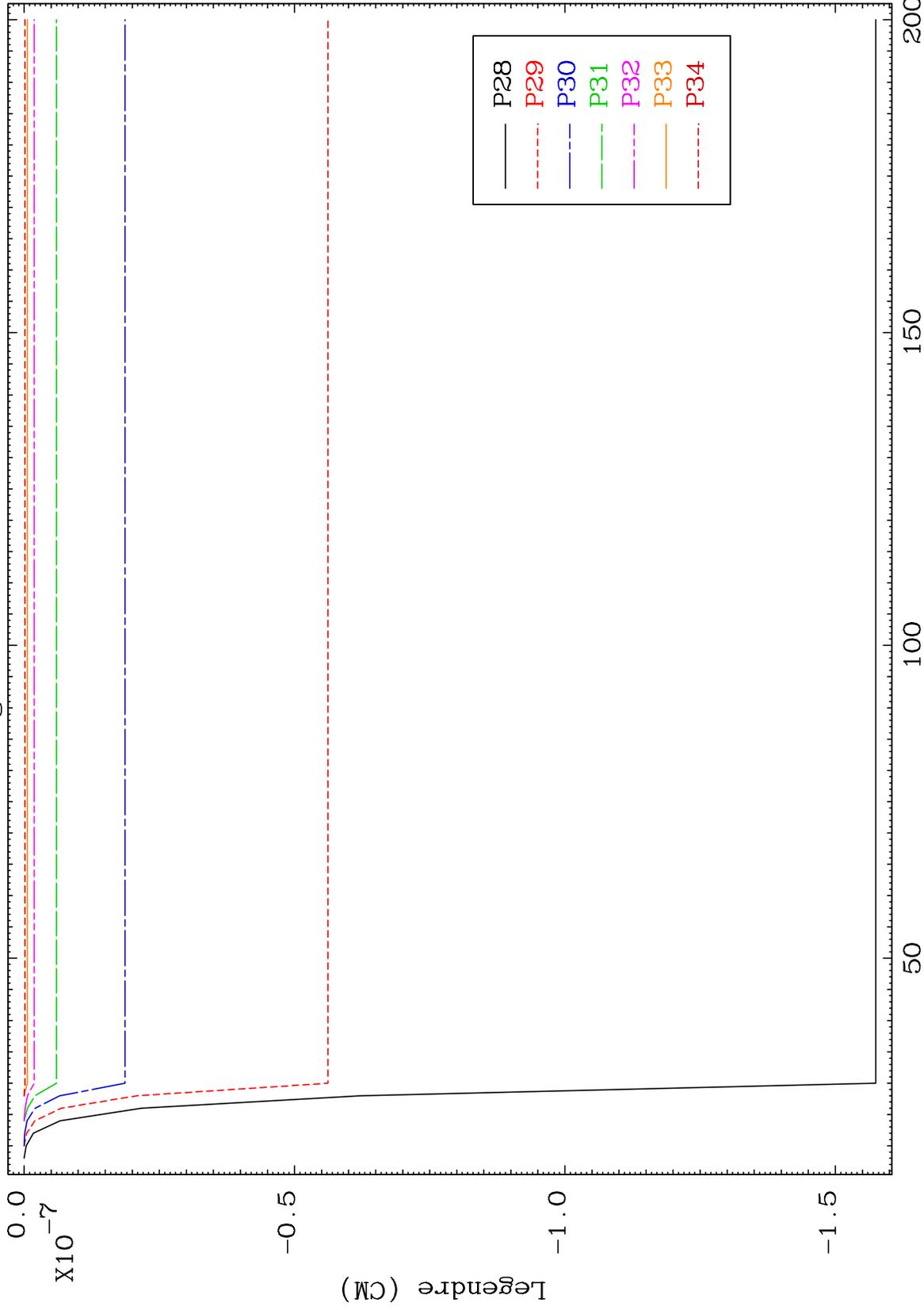
73

42-Mo-93

MAT 4228

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

42-Mo-93



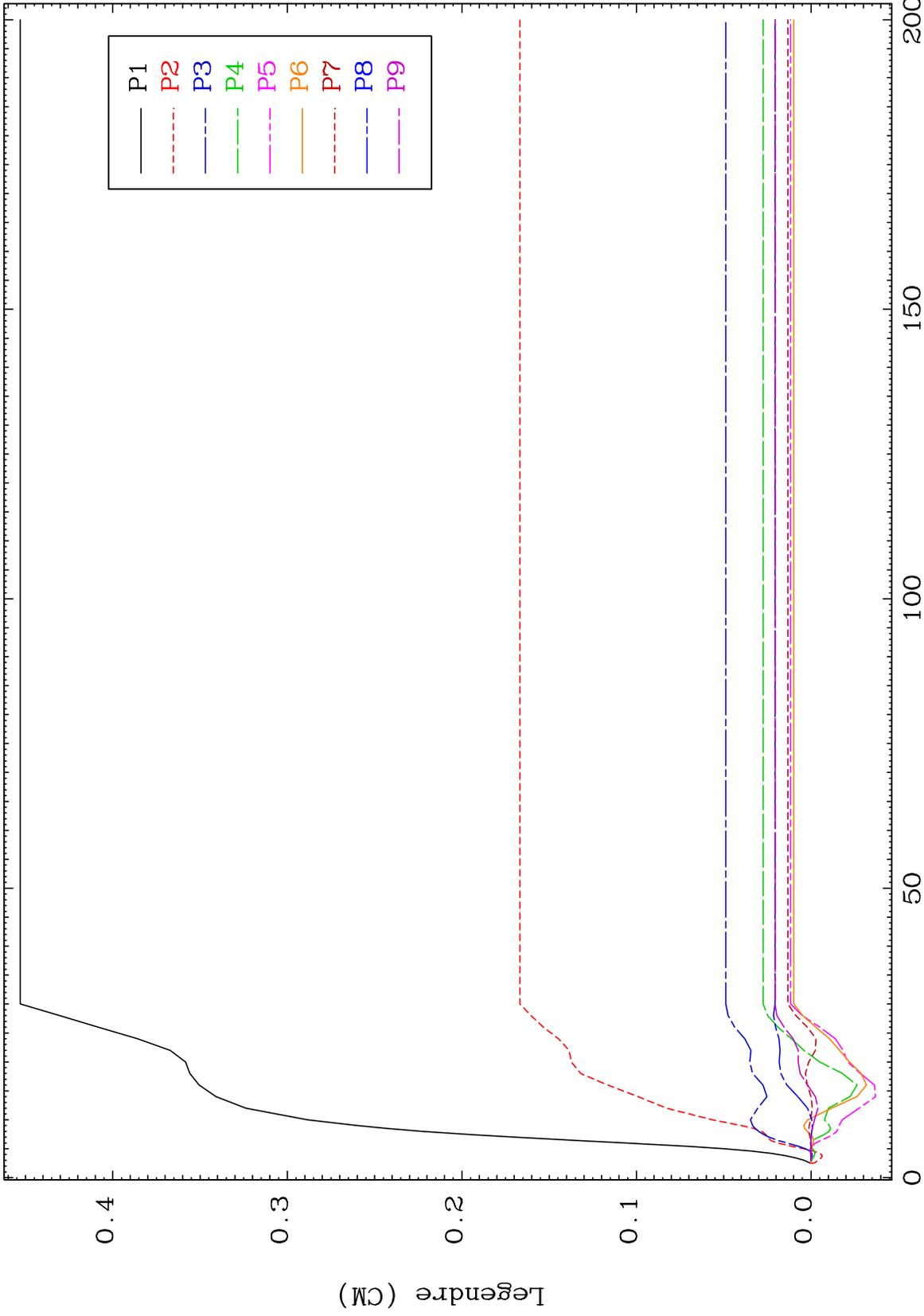
74

42-Mo-93

MAT 4228

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

42-Mo-93



75

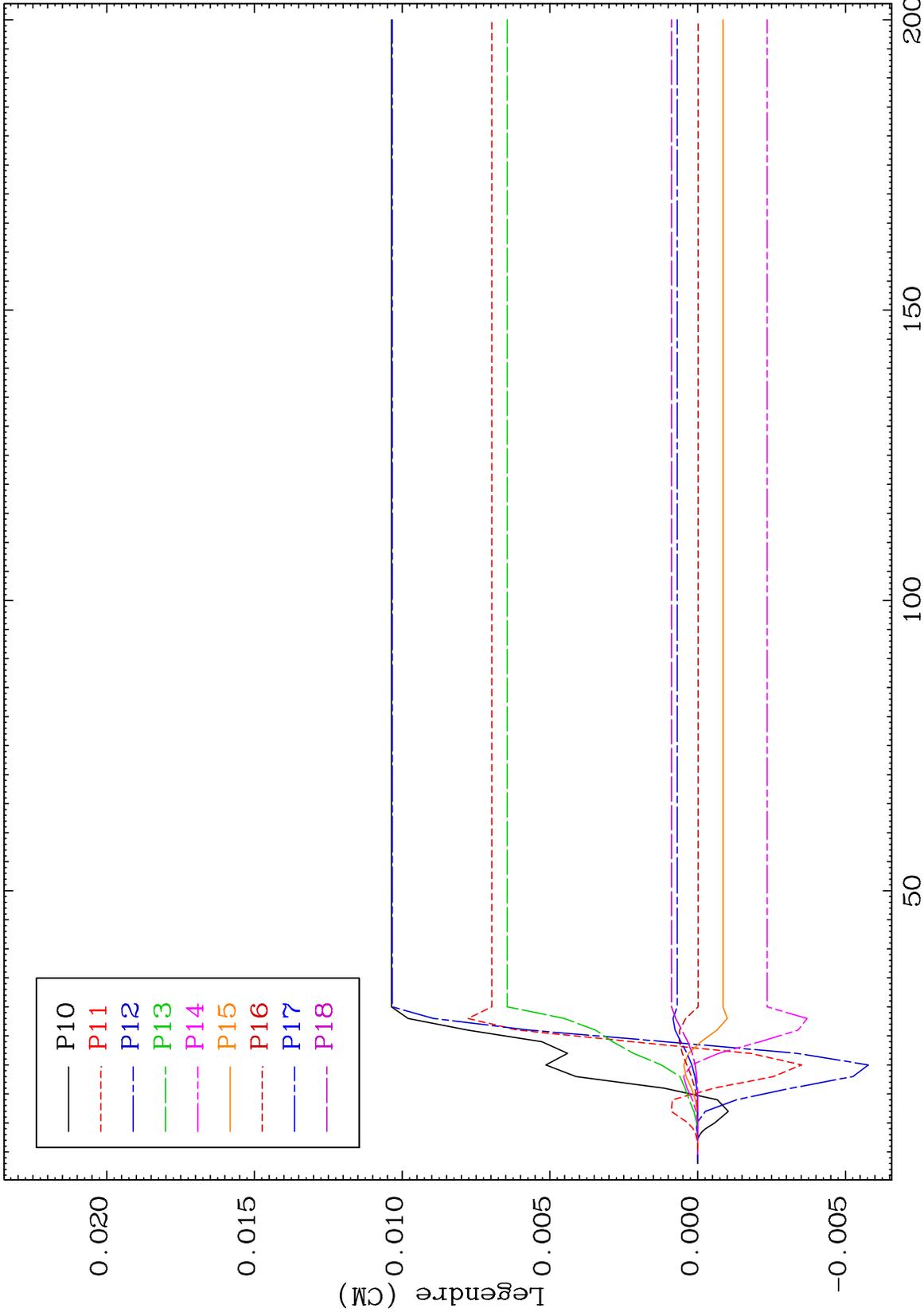
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



76

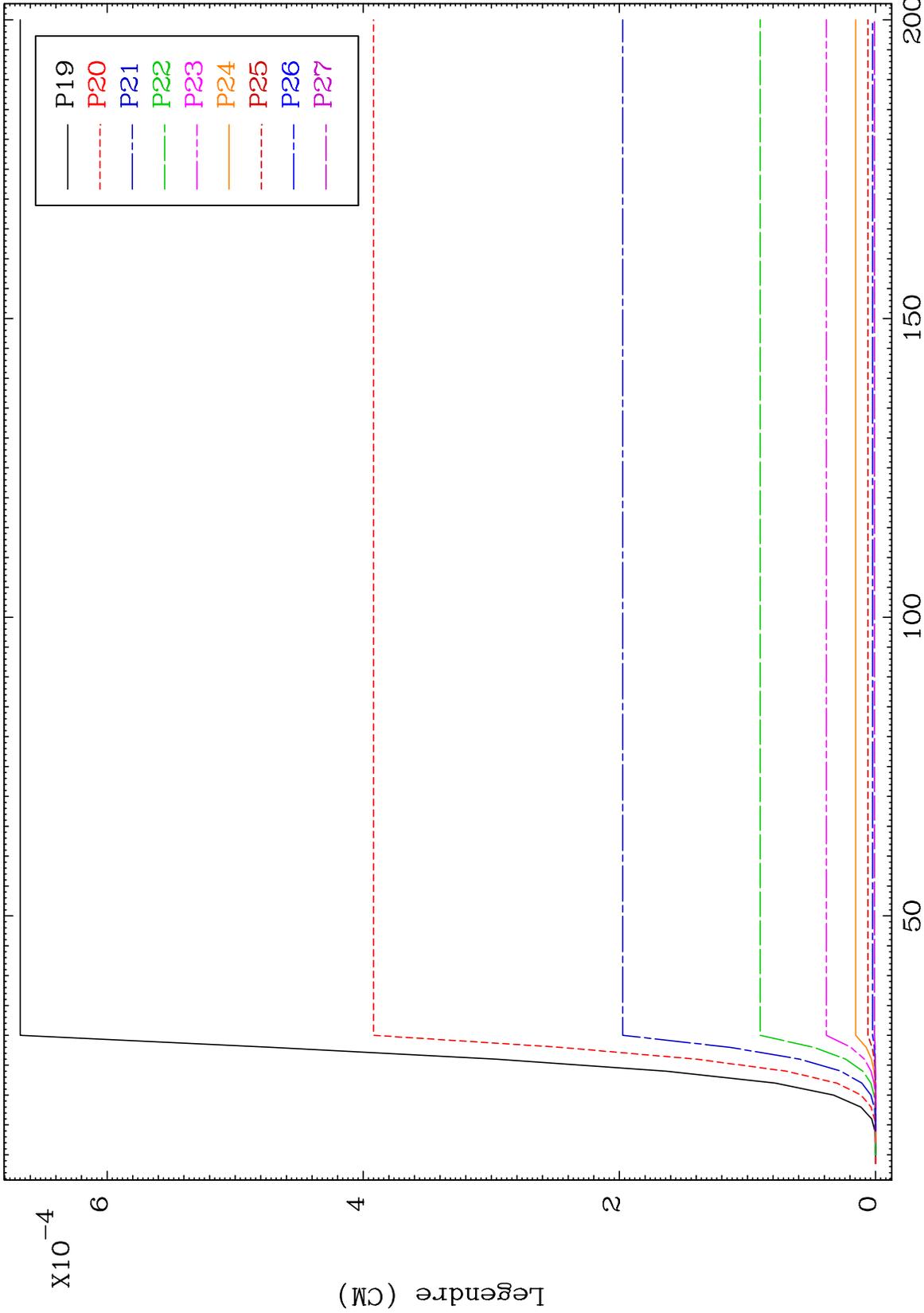
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



77

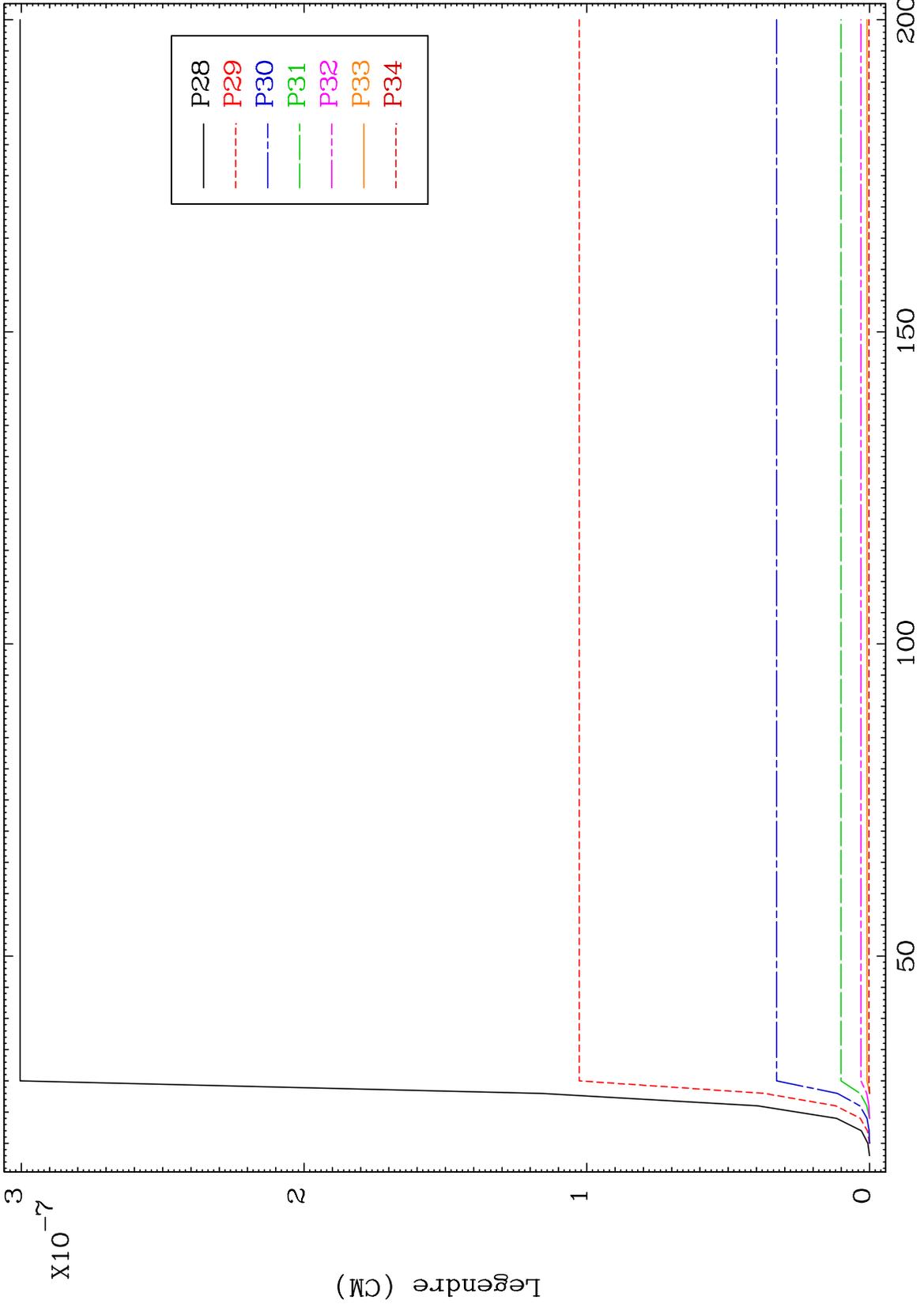
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



78

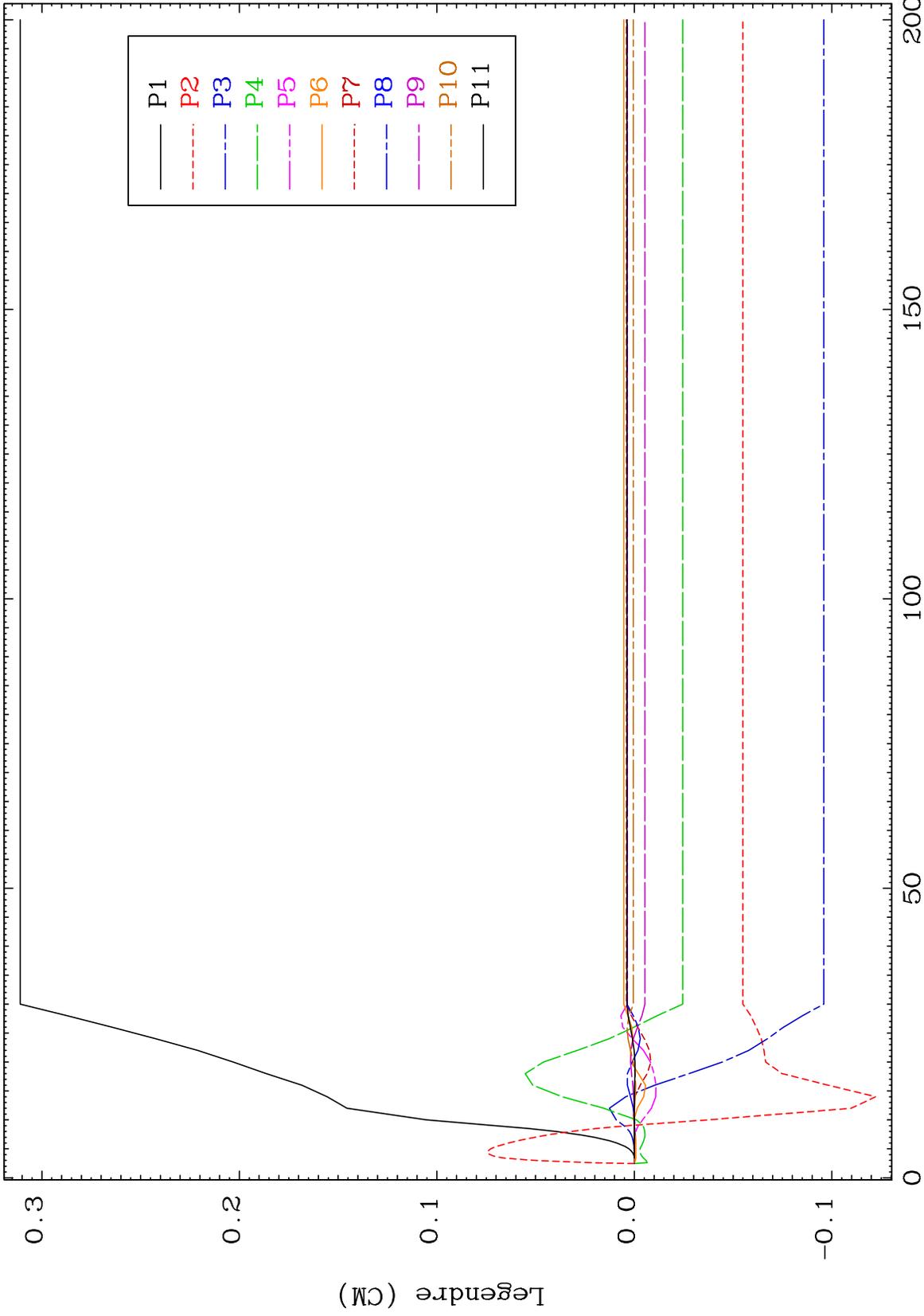
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



79

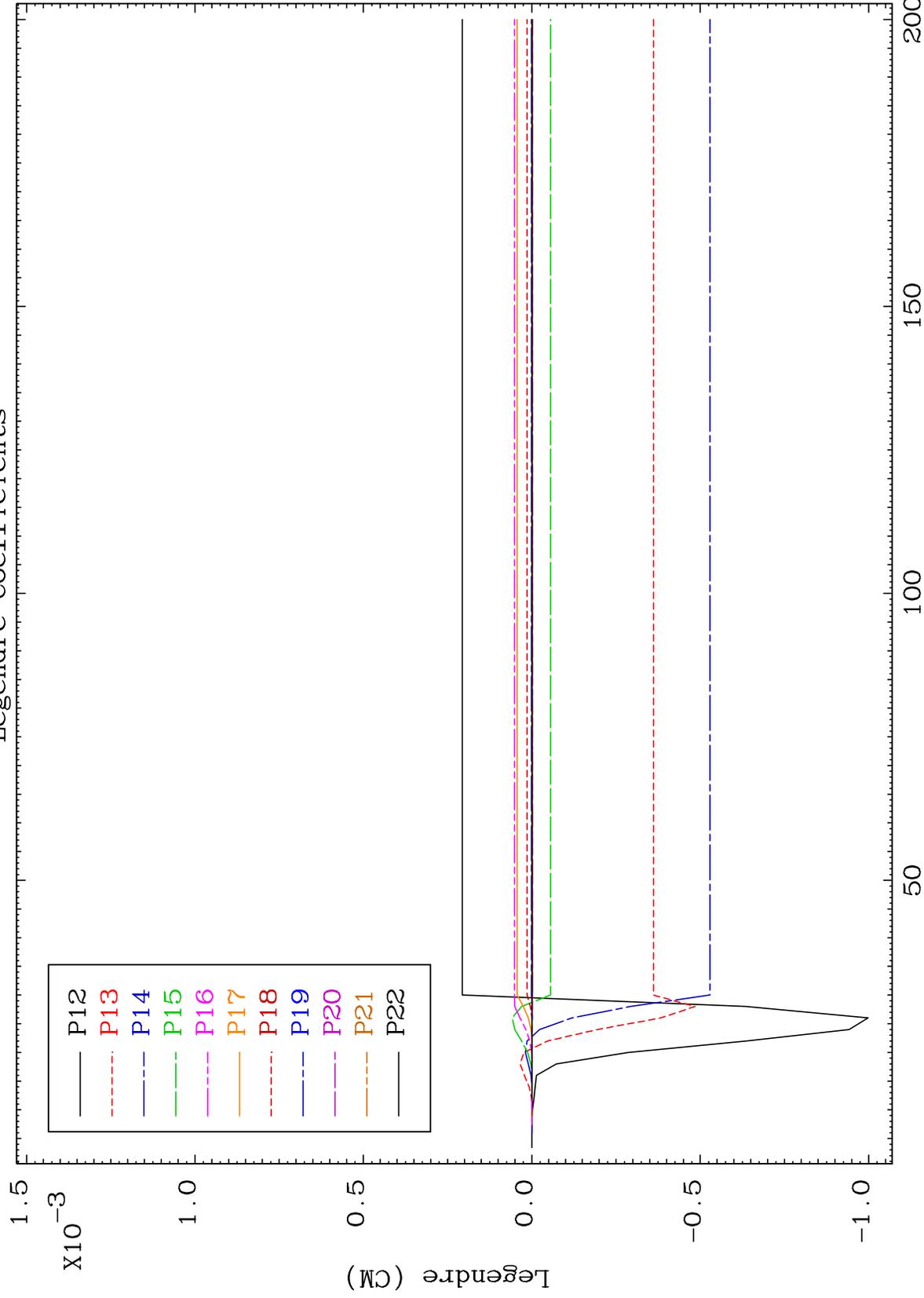
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



80

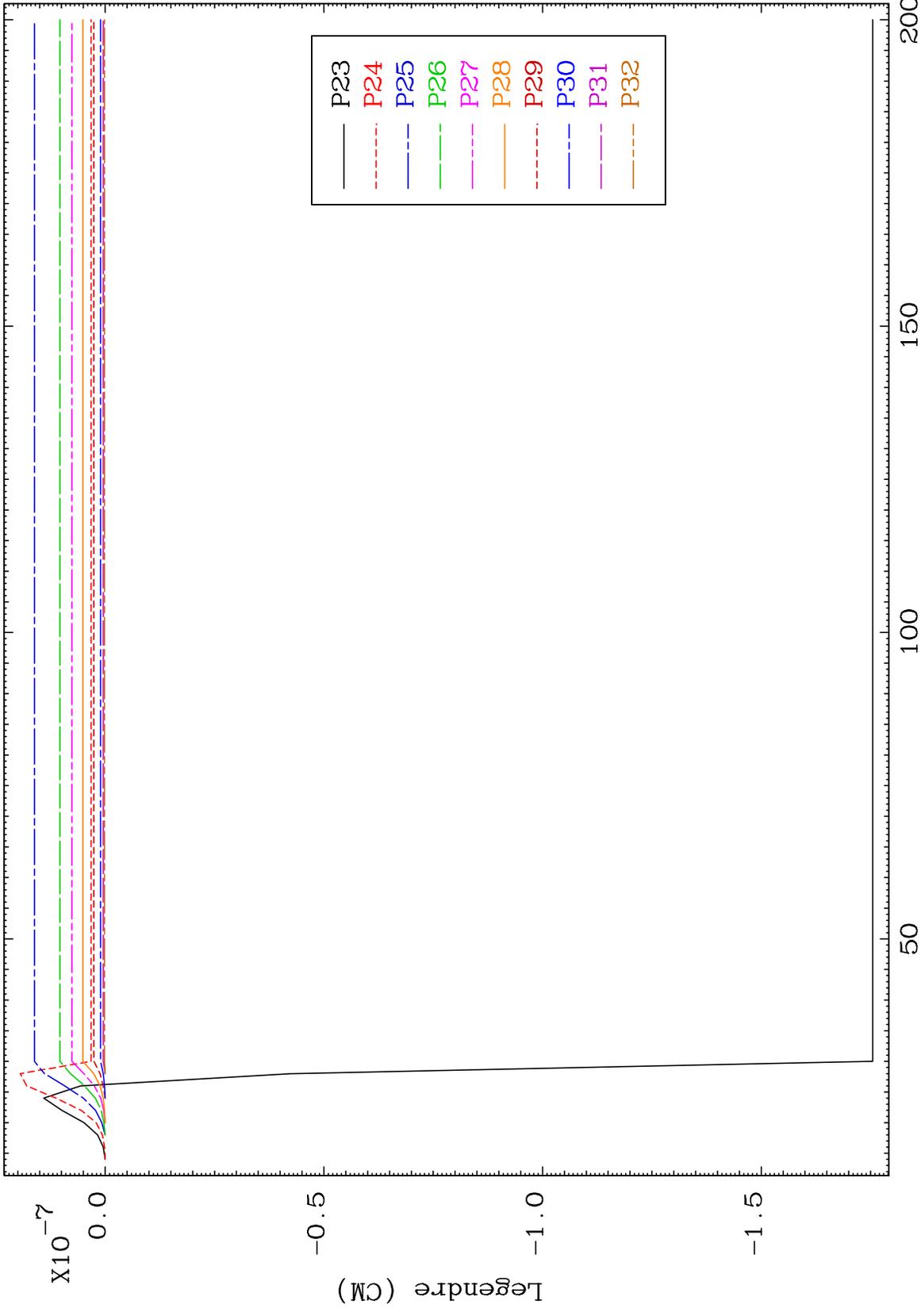
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



81

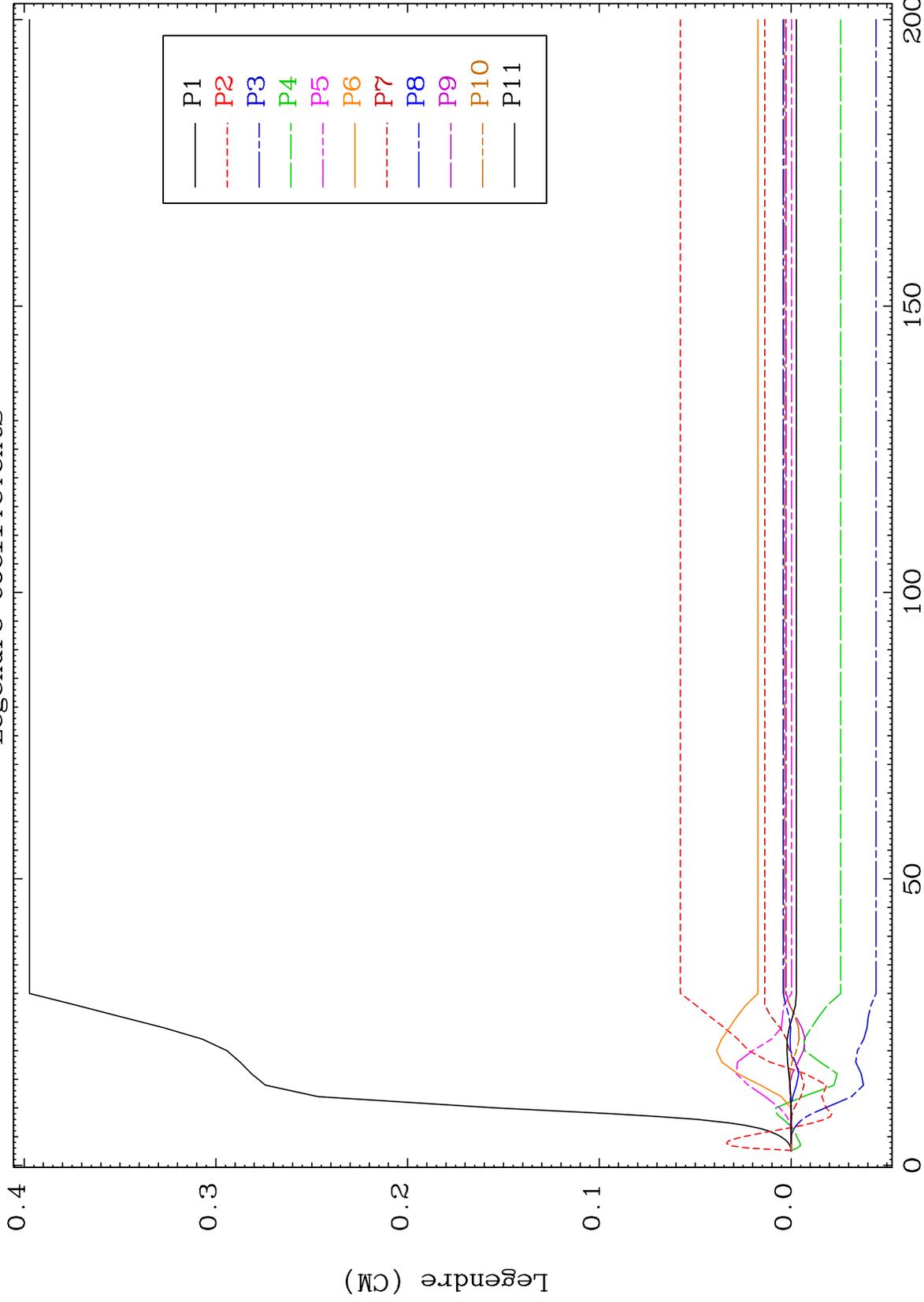
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



82

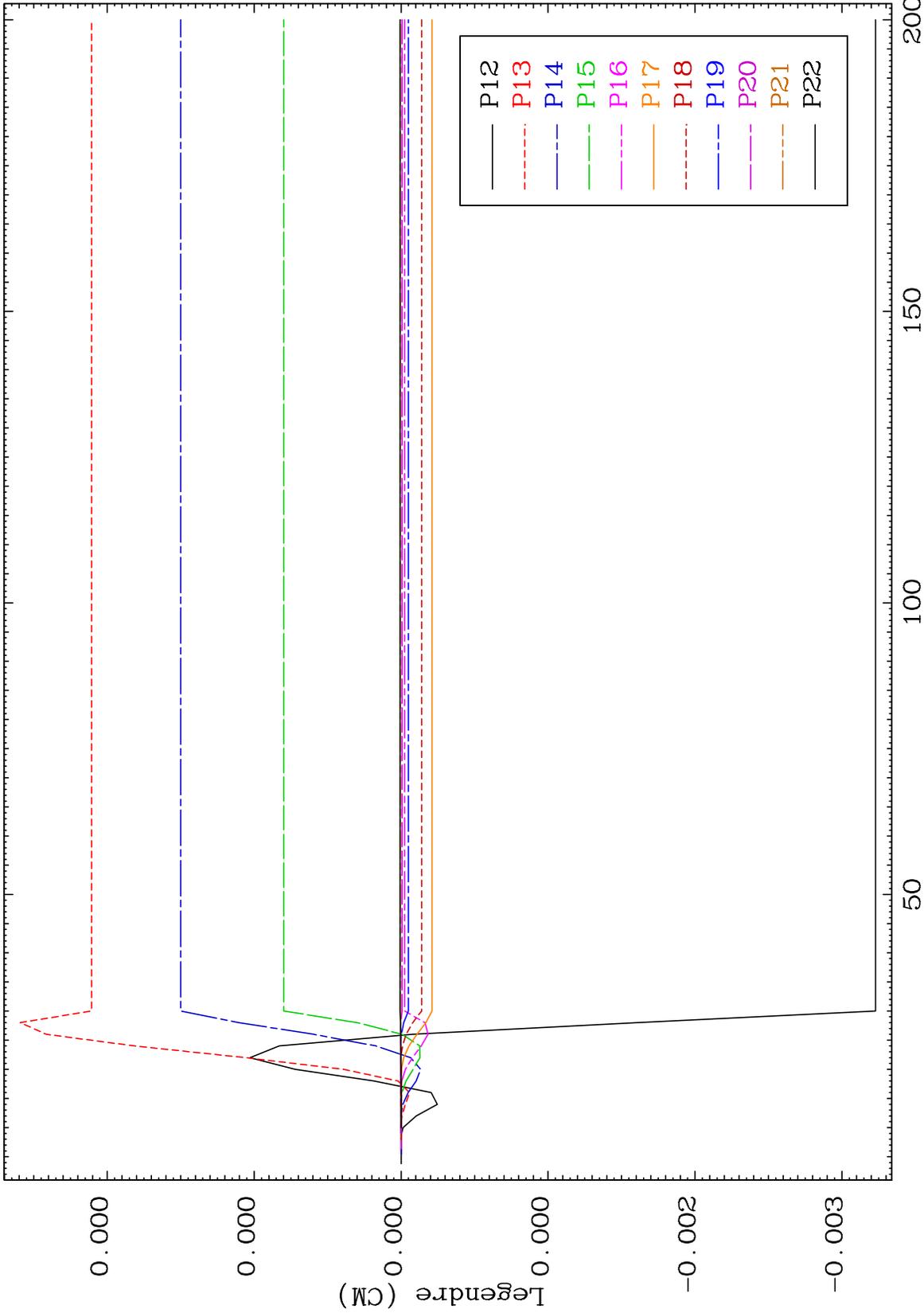
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



83

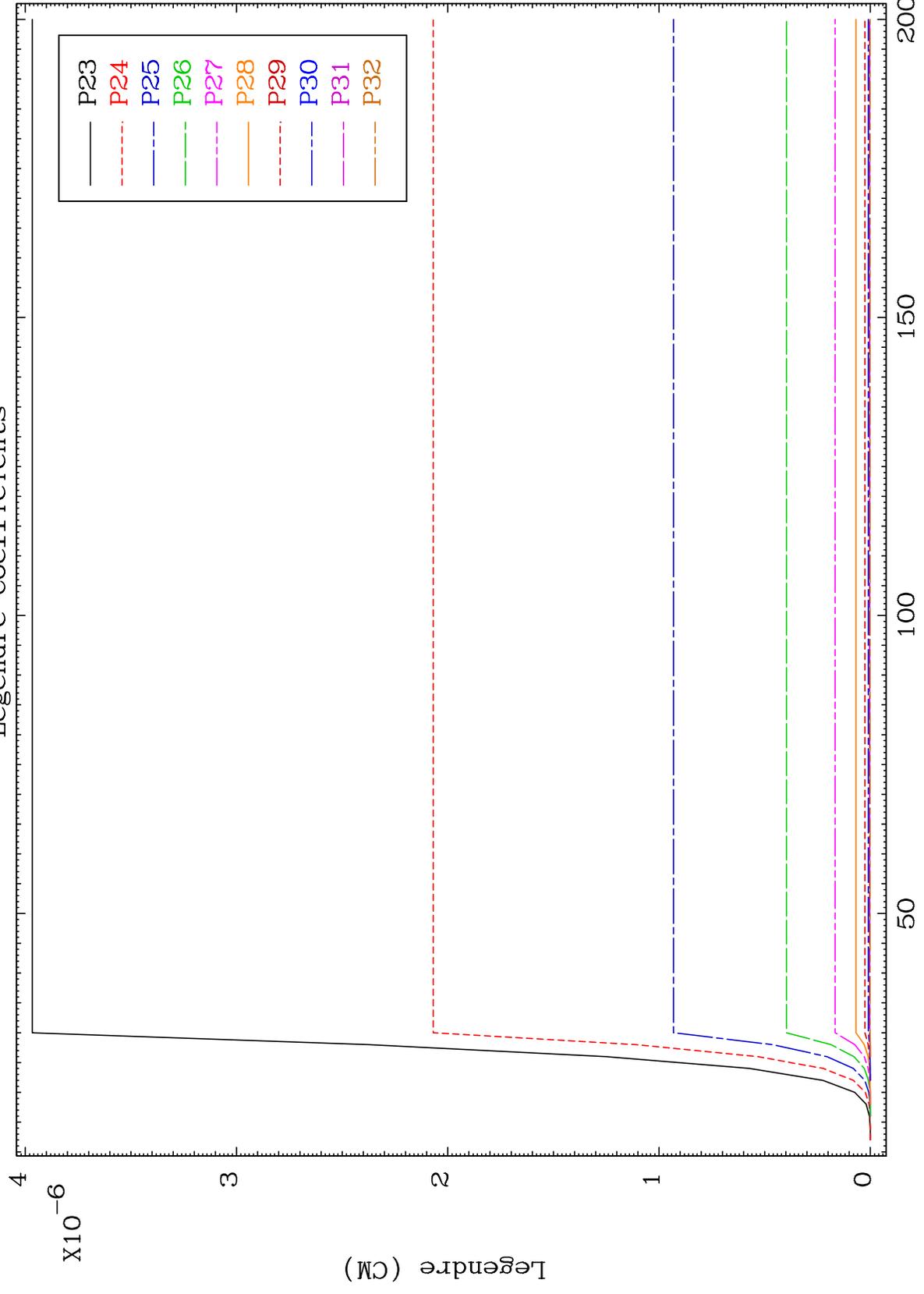
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



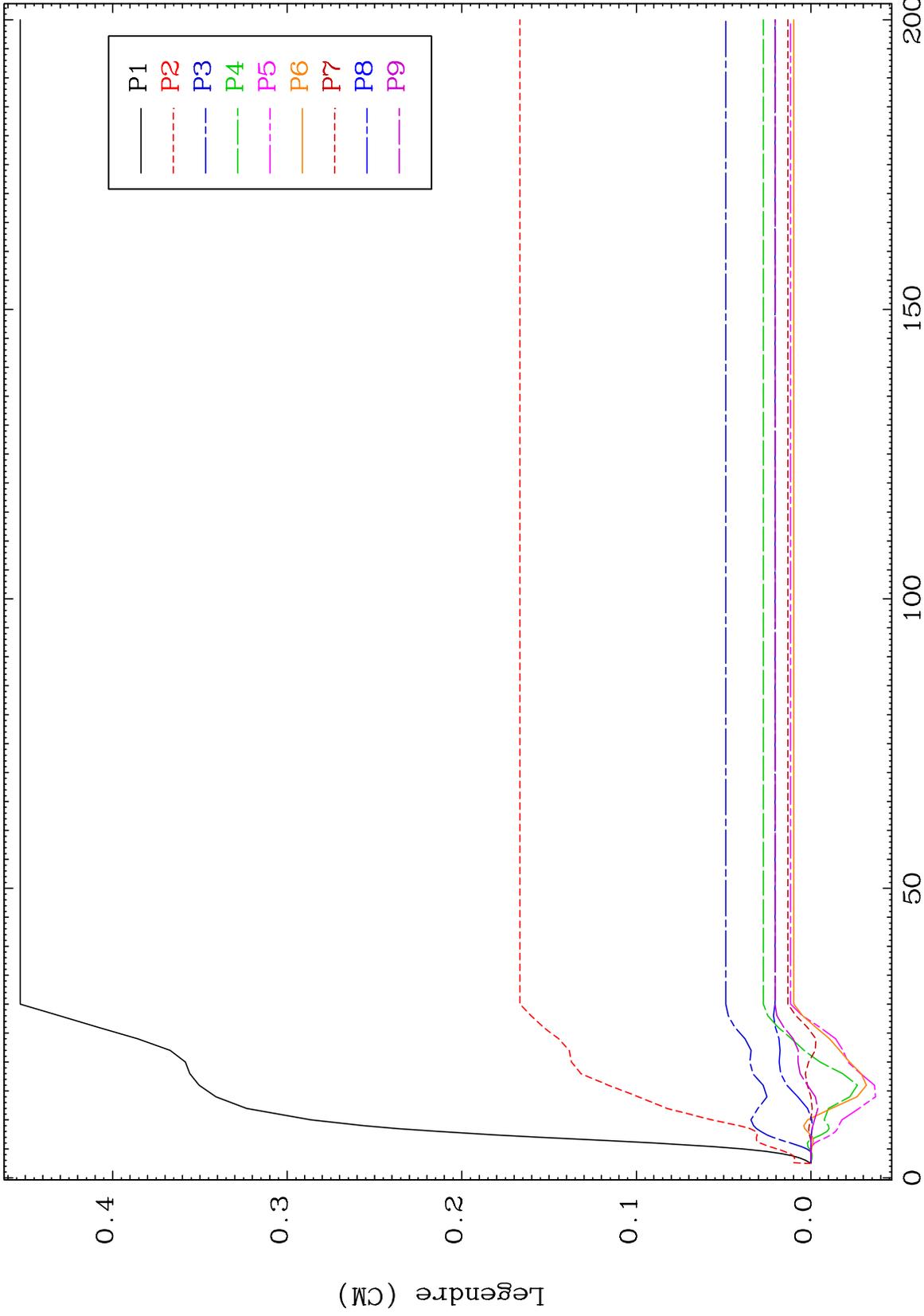
84

42-Mo-93

MAT 4228

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

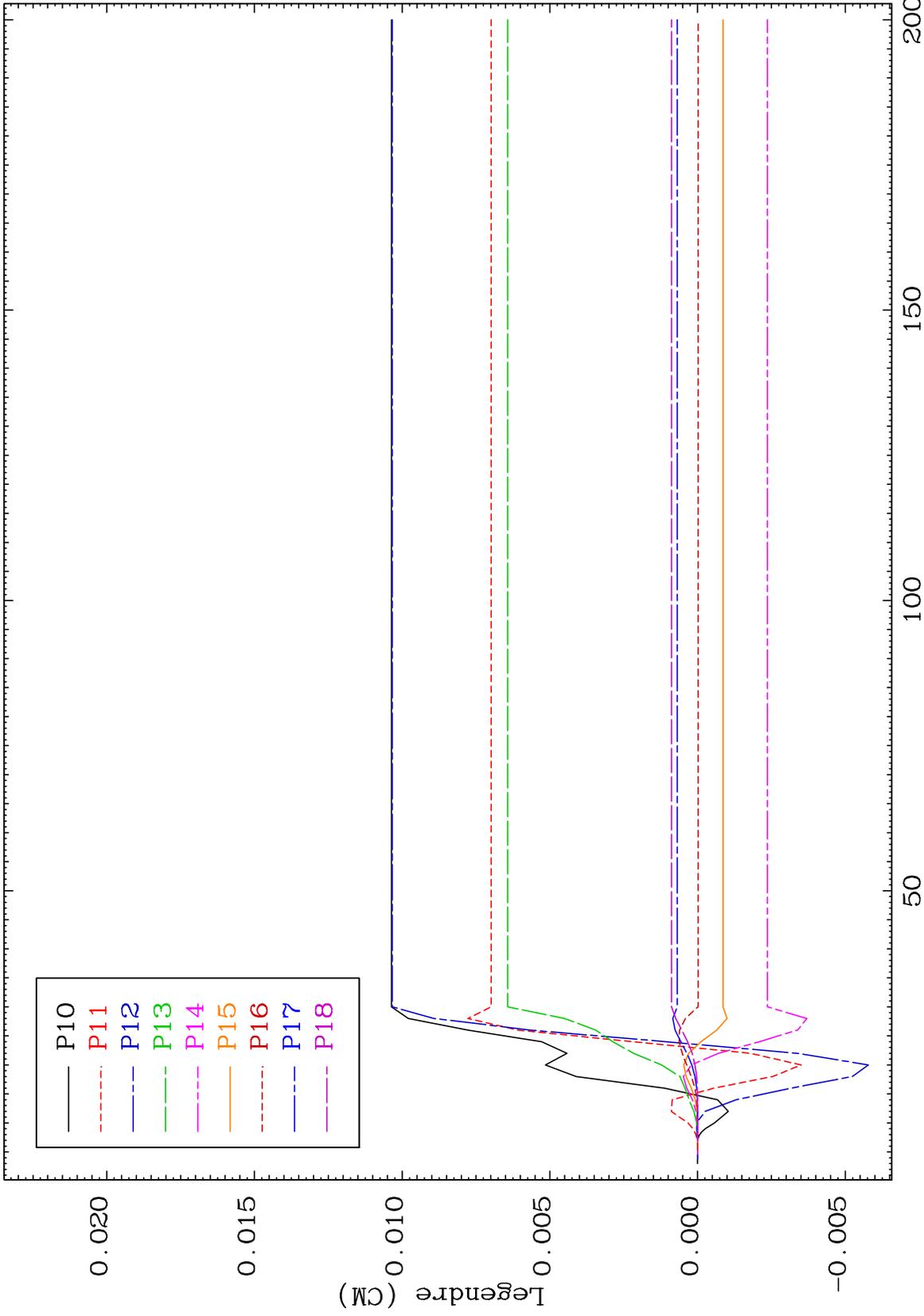
42-Mo-93



85

Incident Energy (MeV)

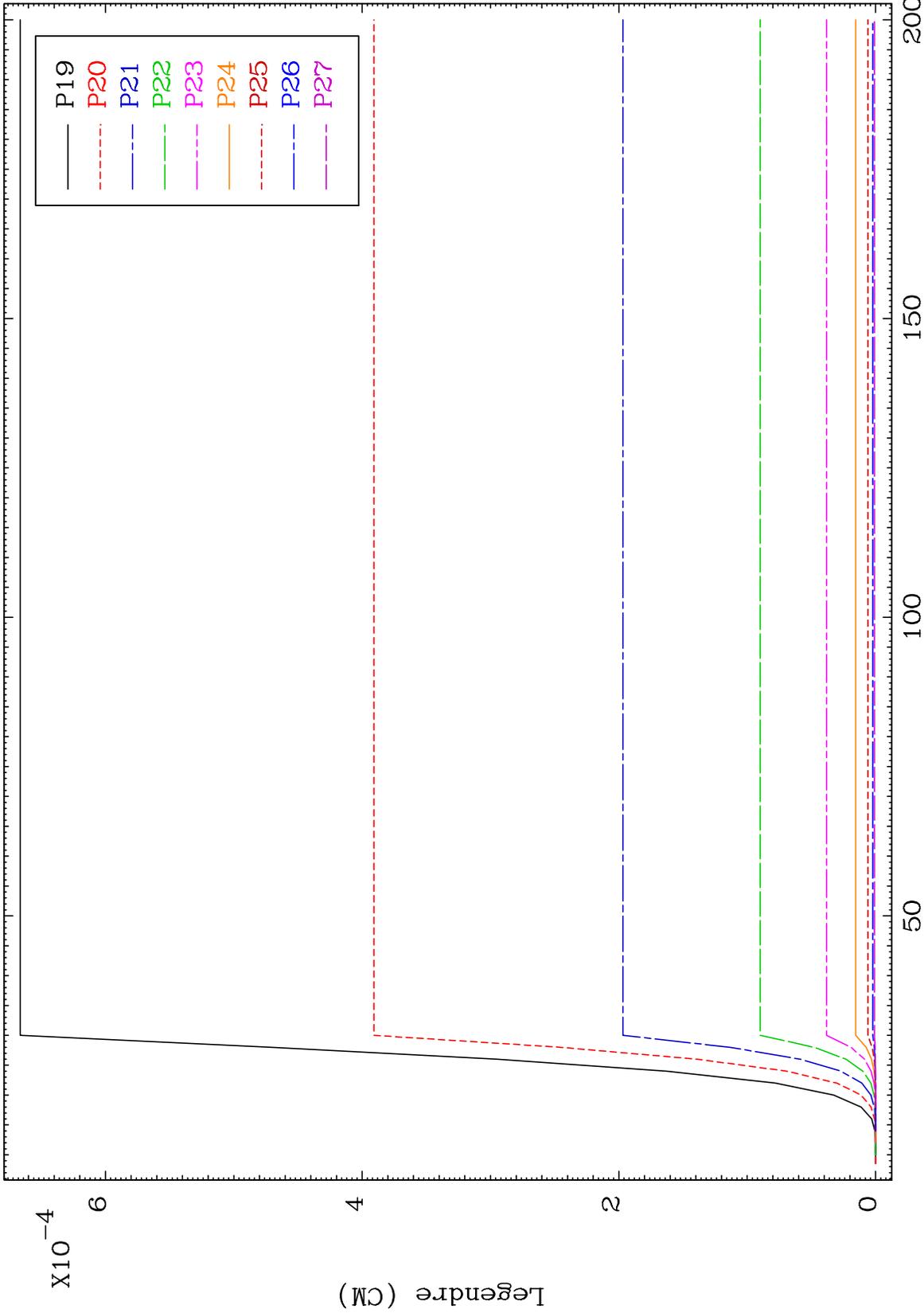
42-Mo-93



MAT 4228

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

42-Mo-93



87

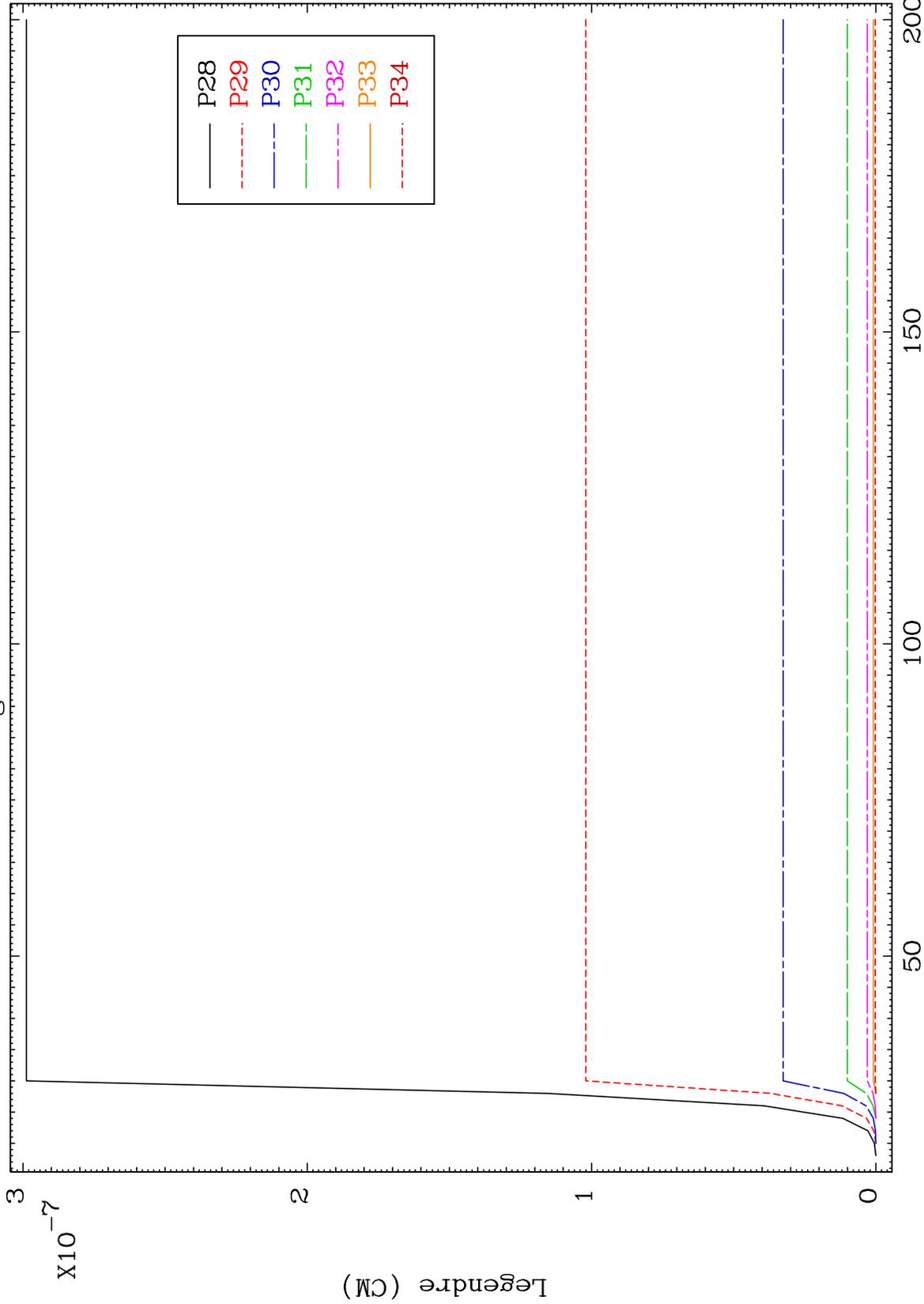
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

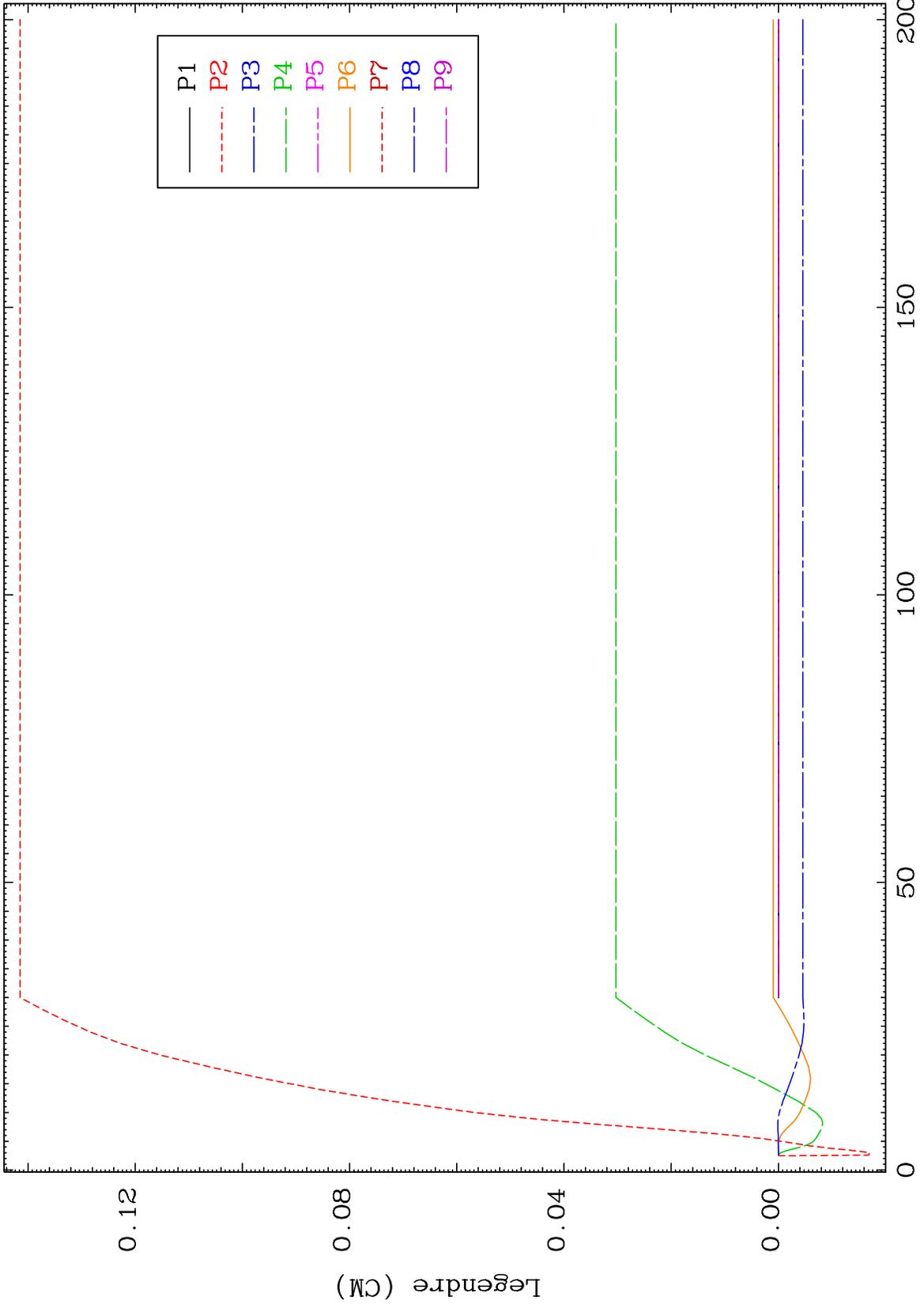
42-Mo-93



88

42-Mo-93

MAT 4228 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-93

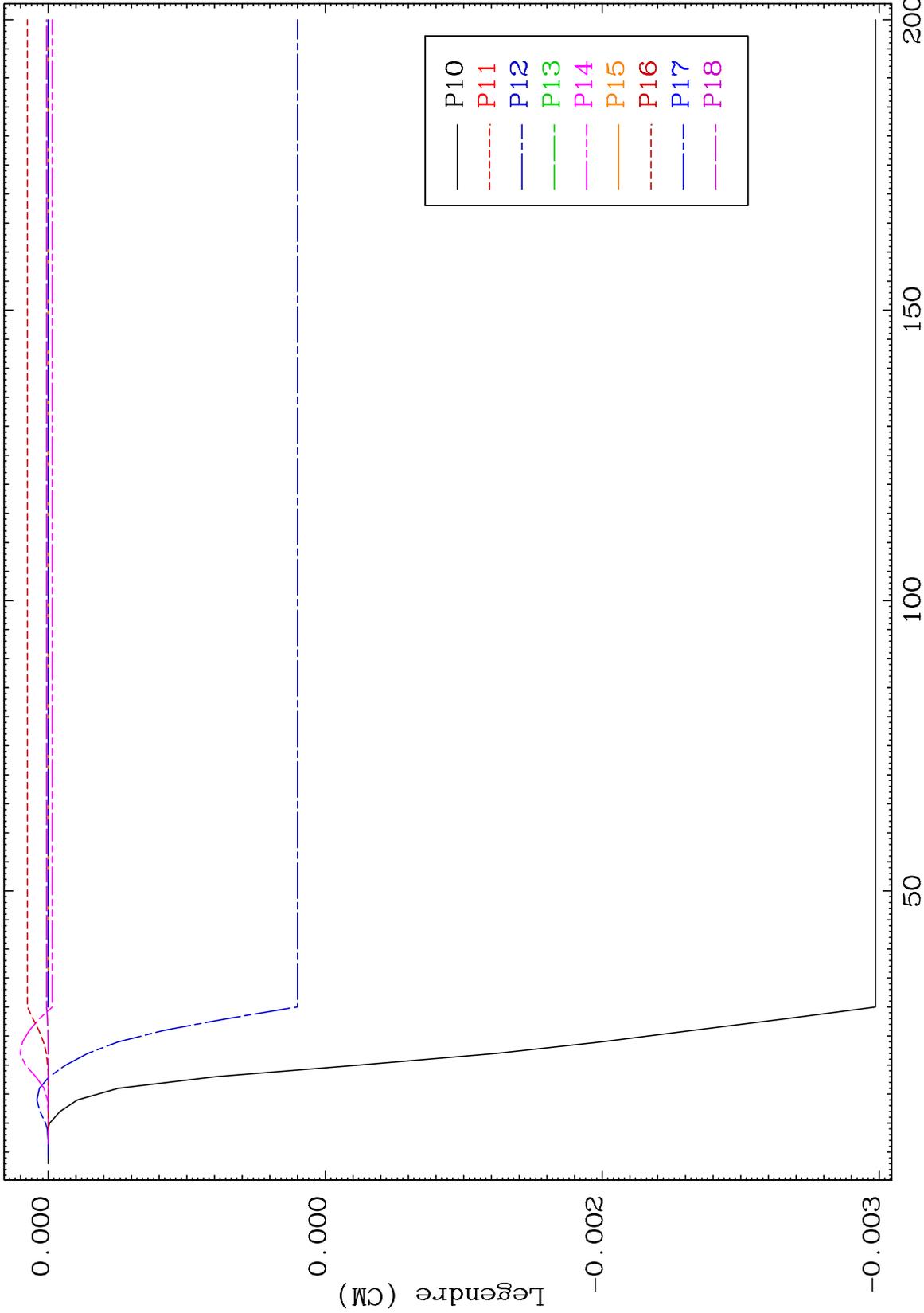


89 Incident Energy (MeV) 42-Mo-93

MAT 4228

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

42-Mo-93



90

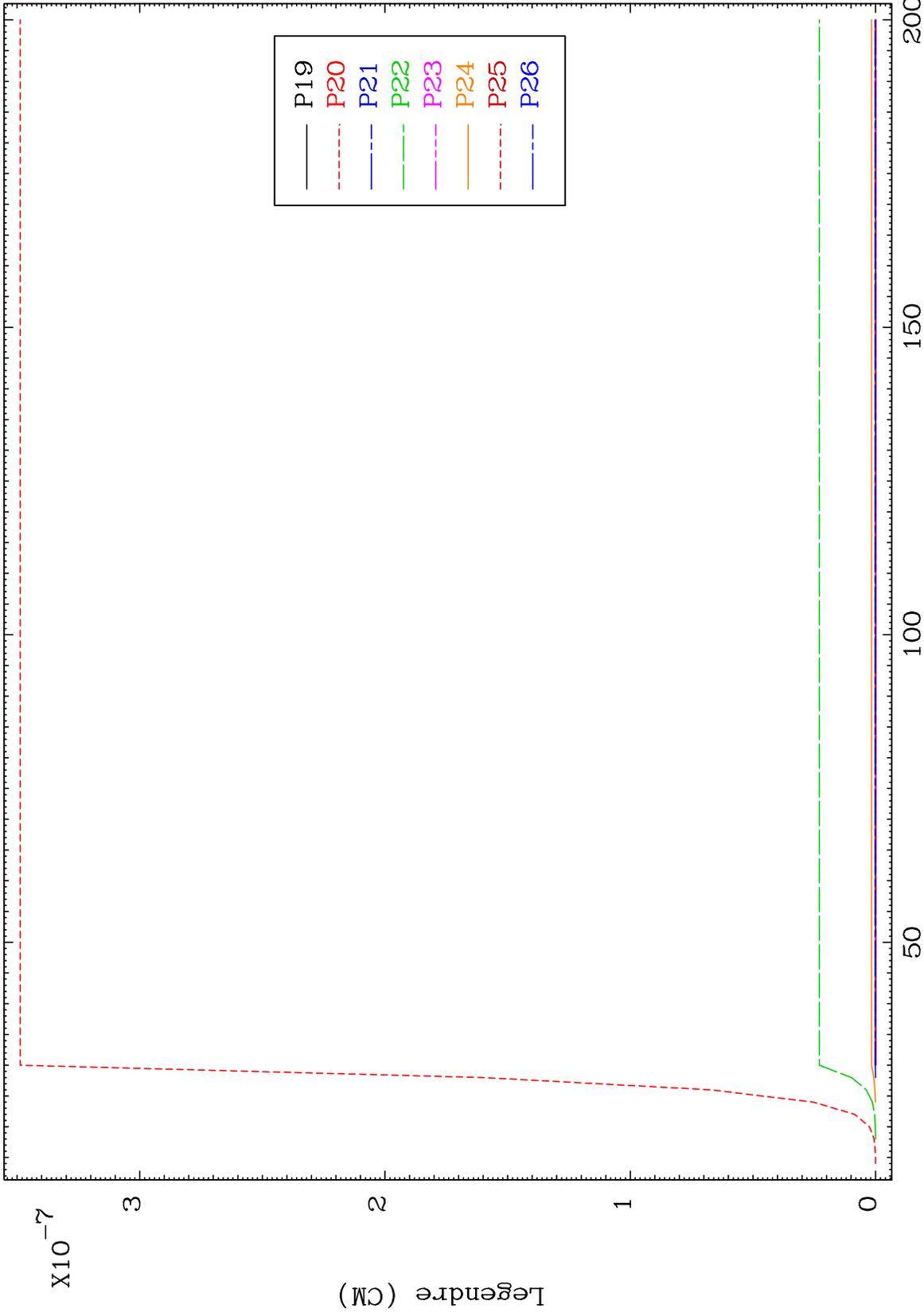
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



91

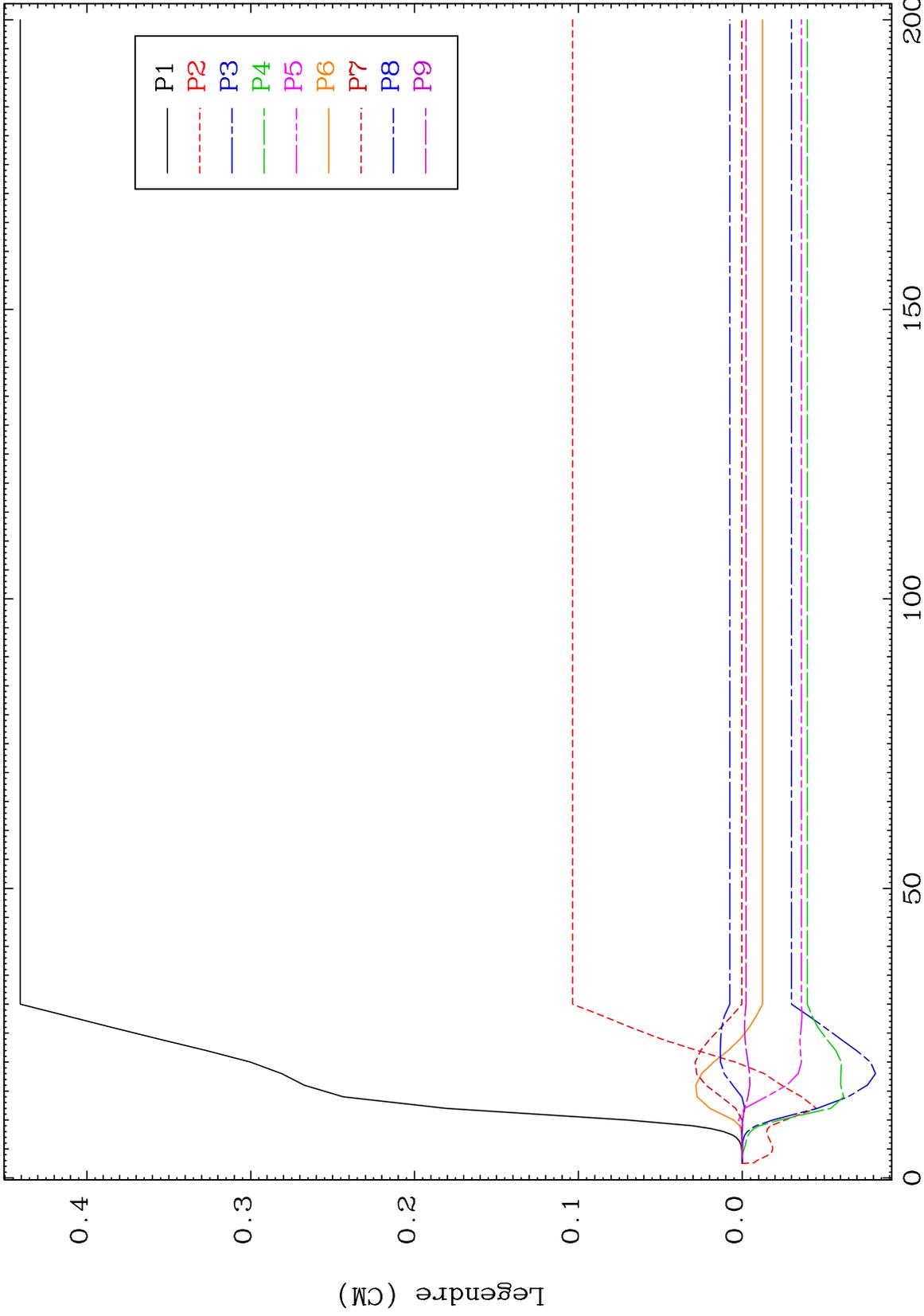
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



92

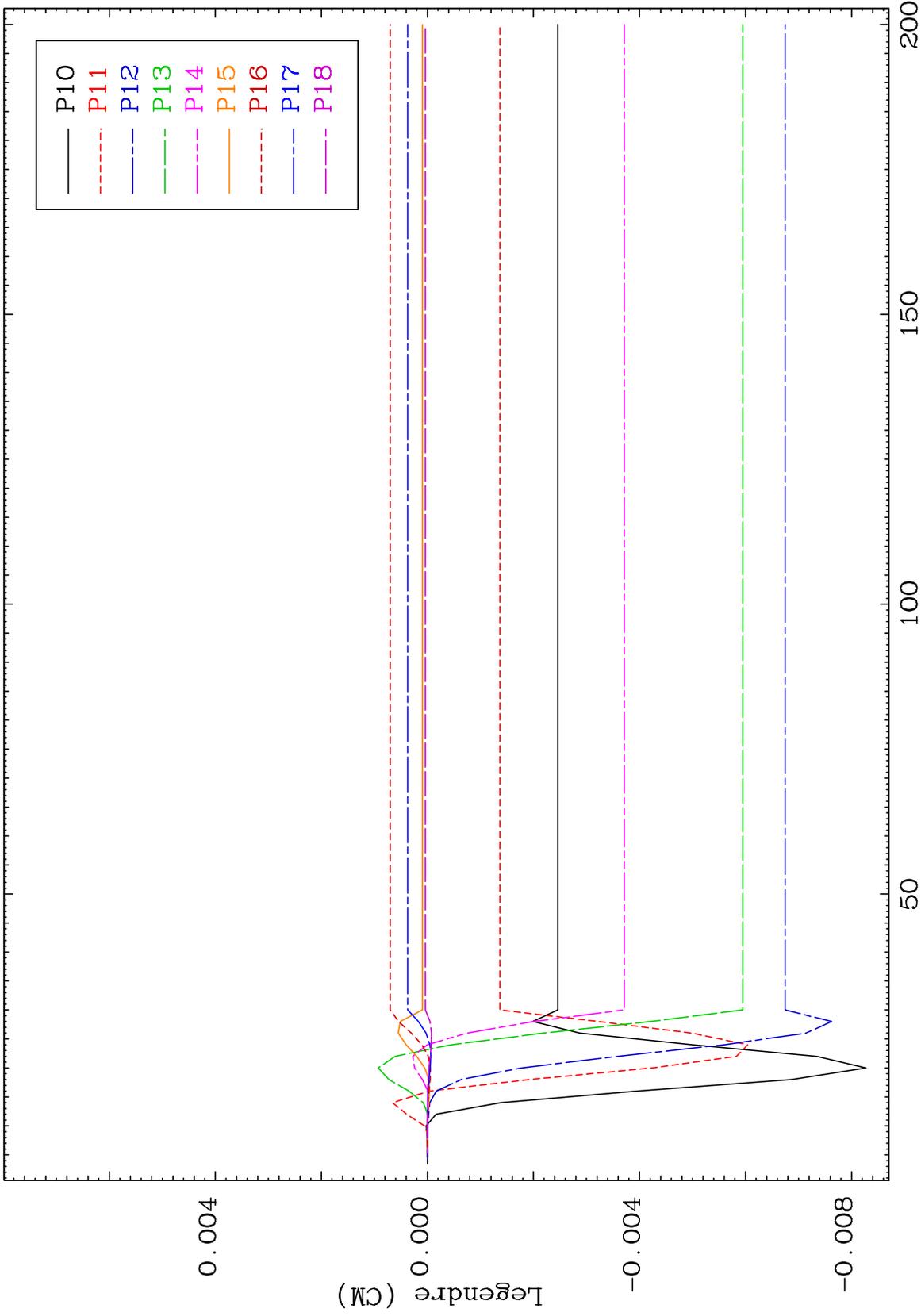
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



93

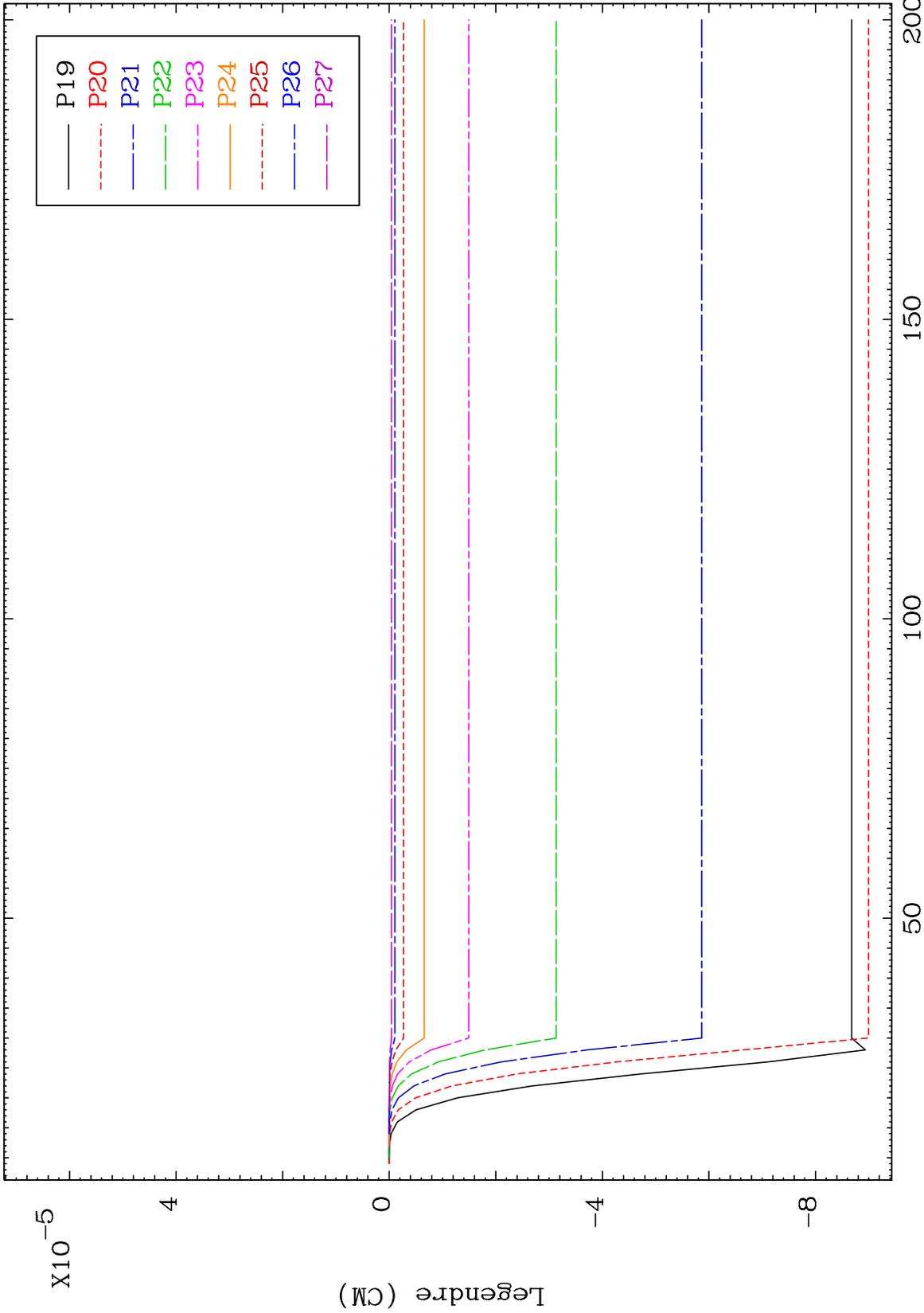
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



94

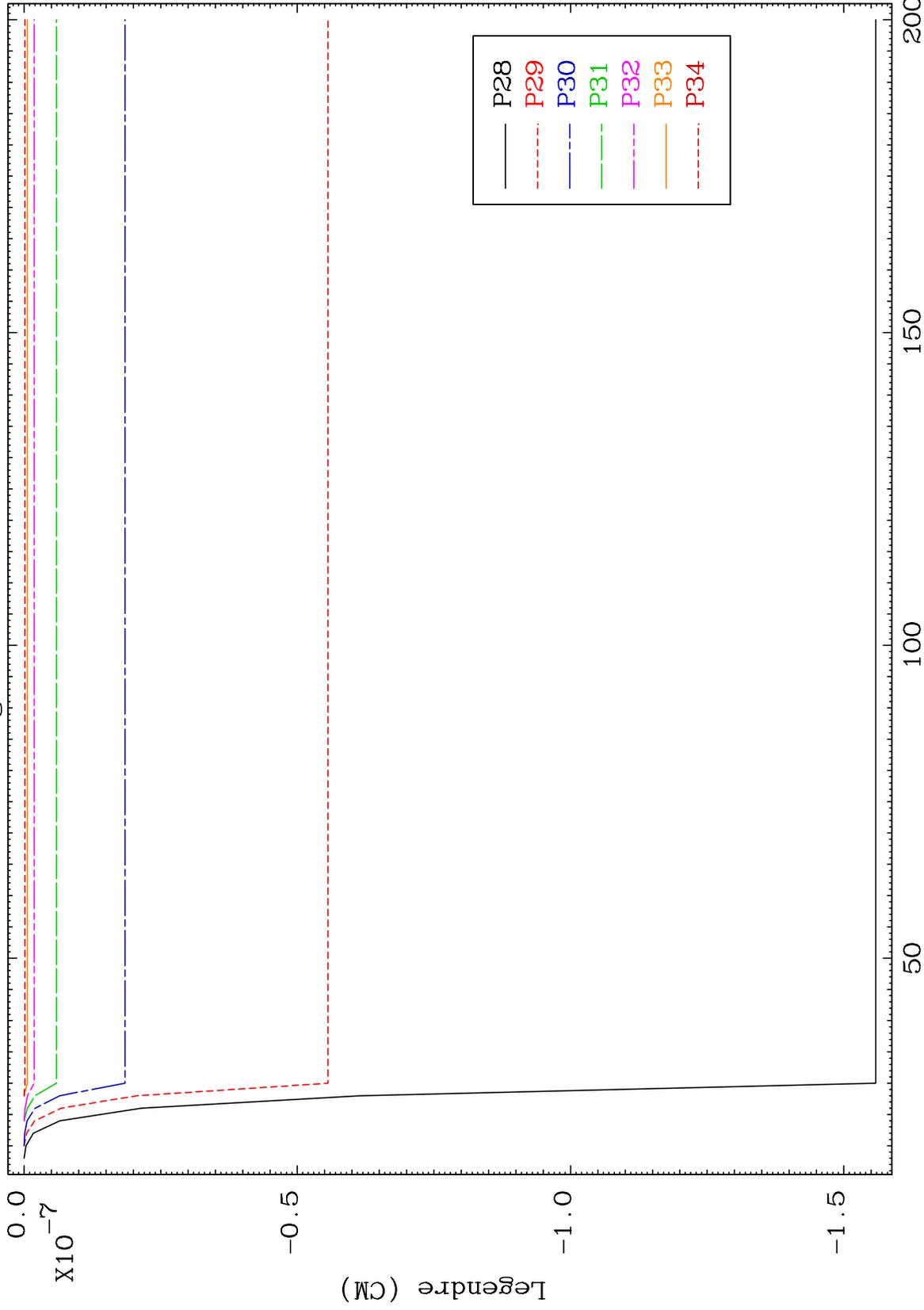
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

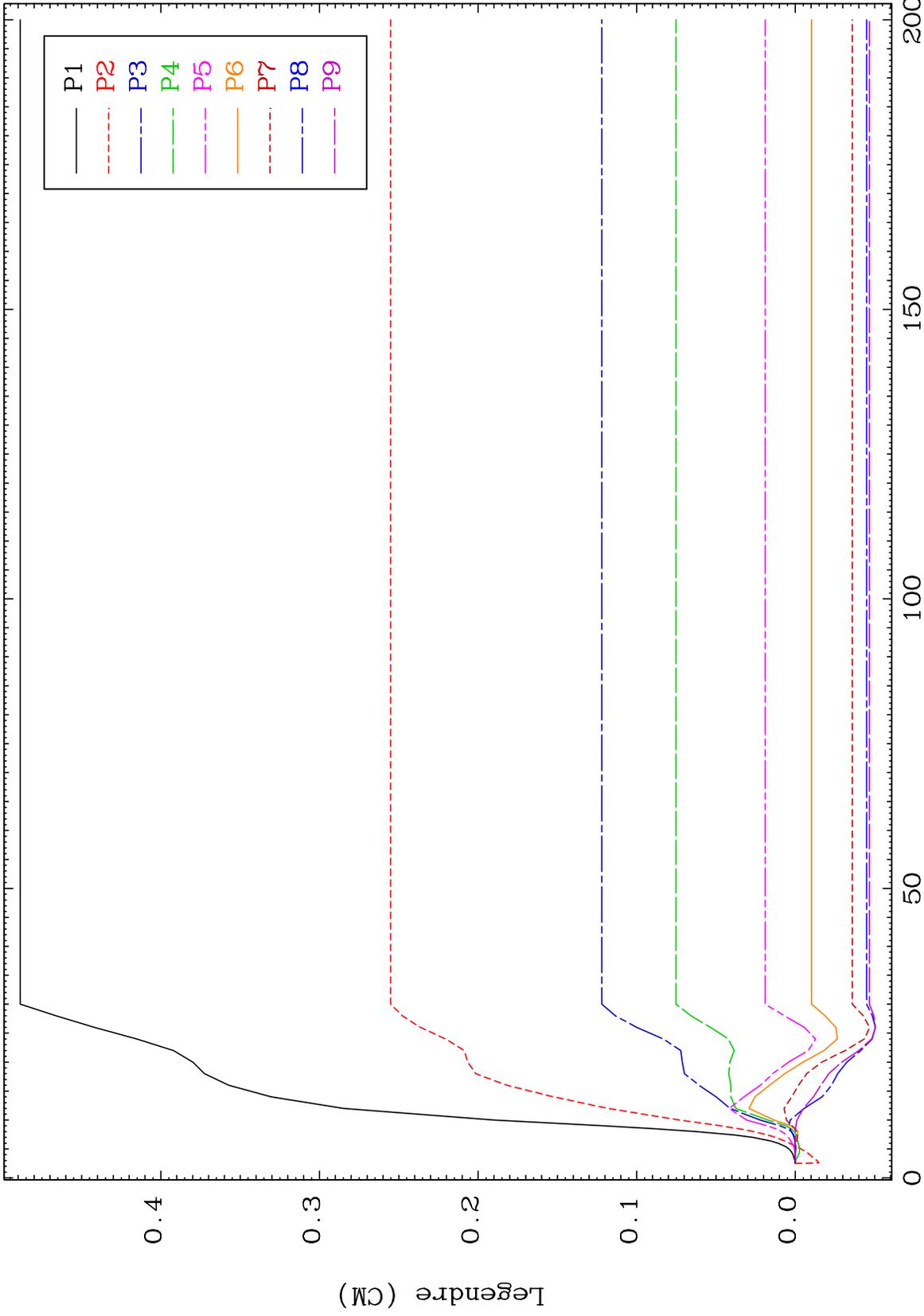
Incident Energy (MeV)

95

MAT 4228

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

42-Mo-93



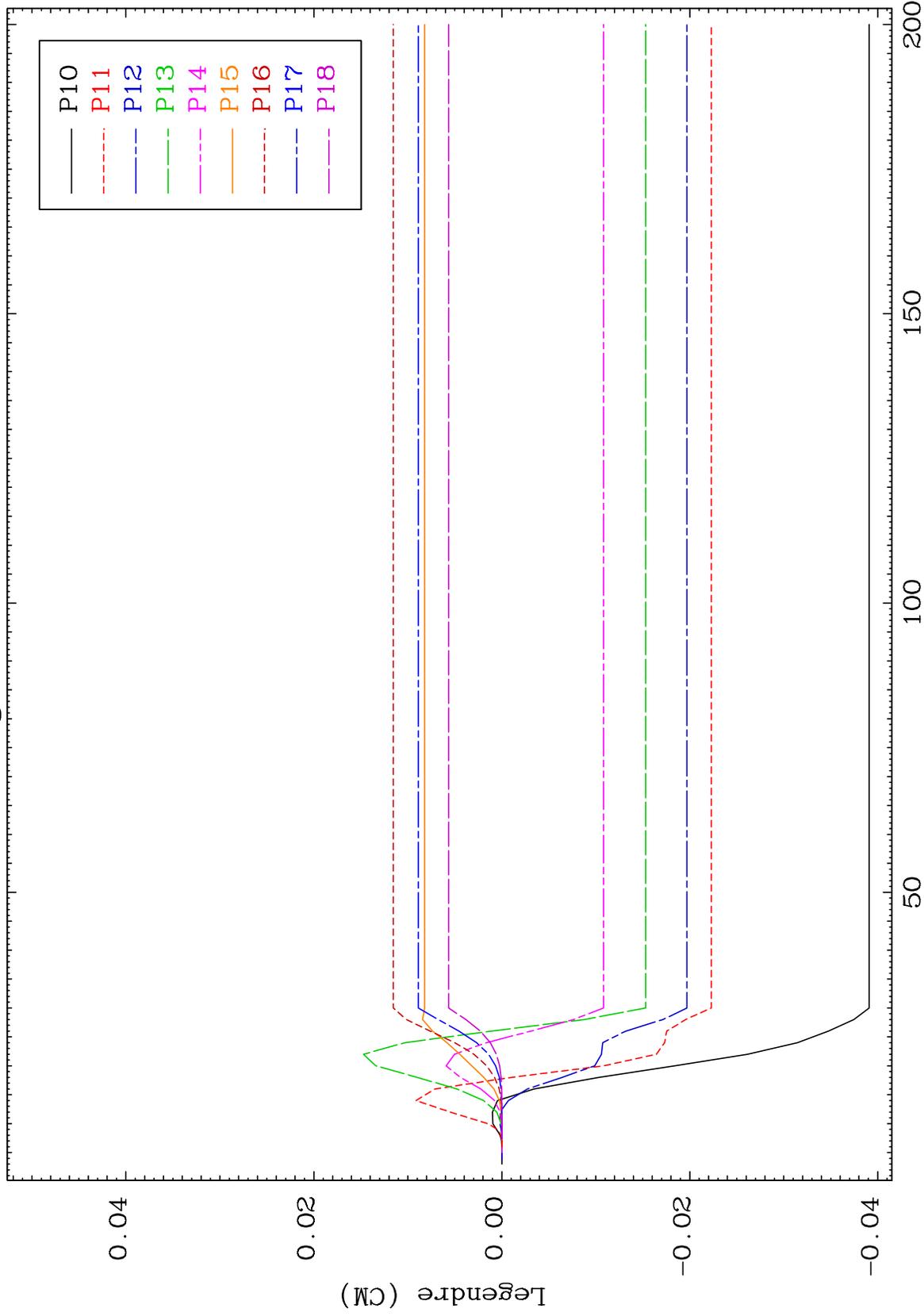
96

42-Mo-93

MAT 4228

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

42-Mo-93



97

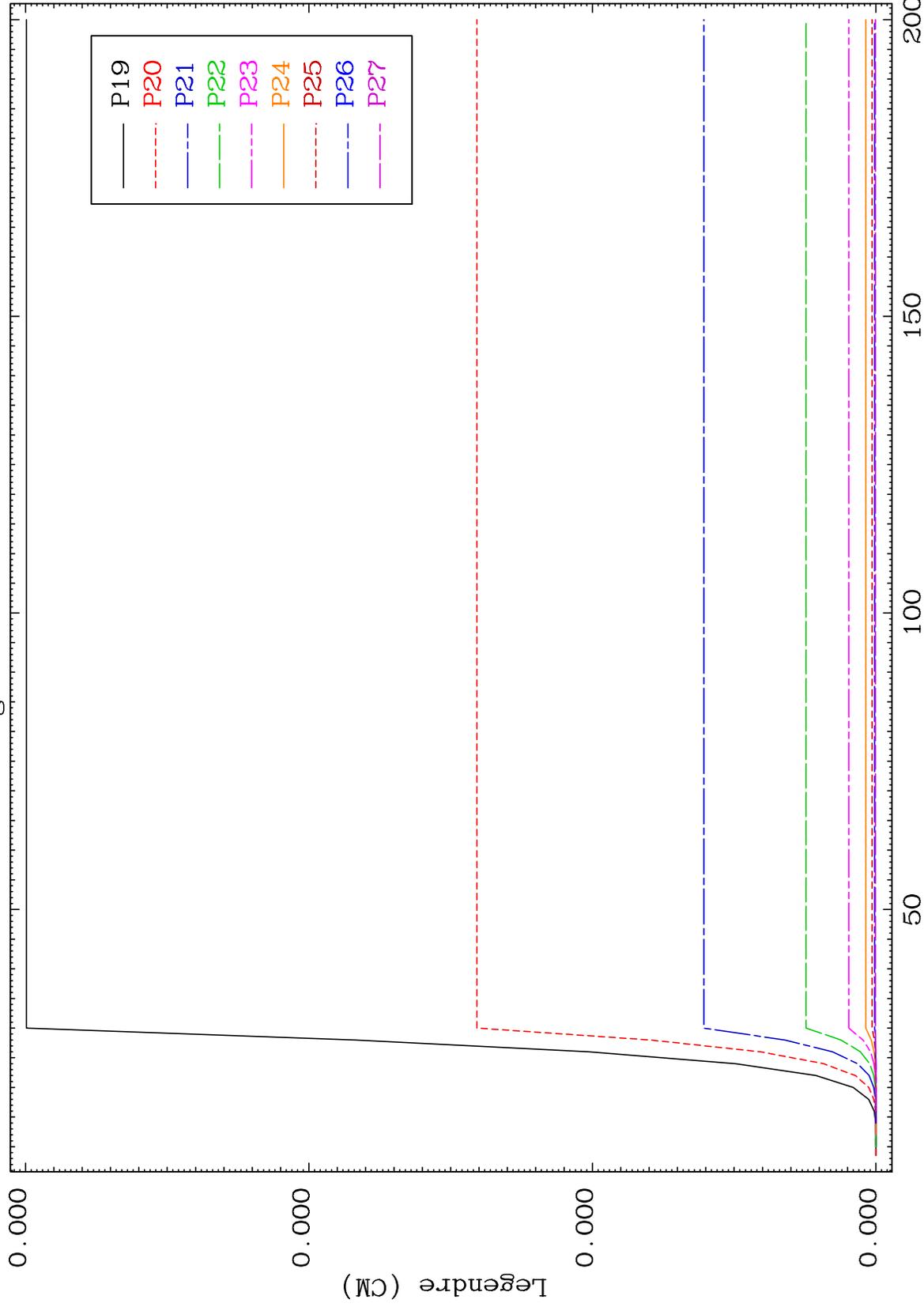
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



98

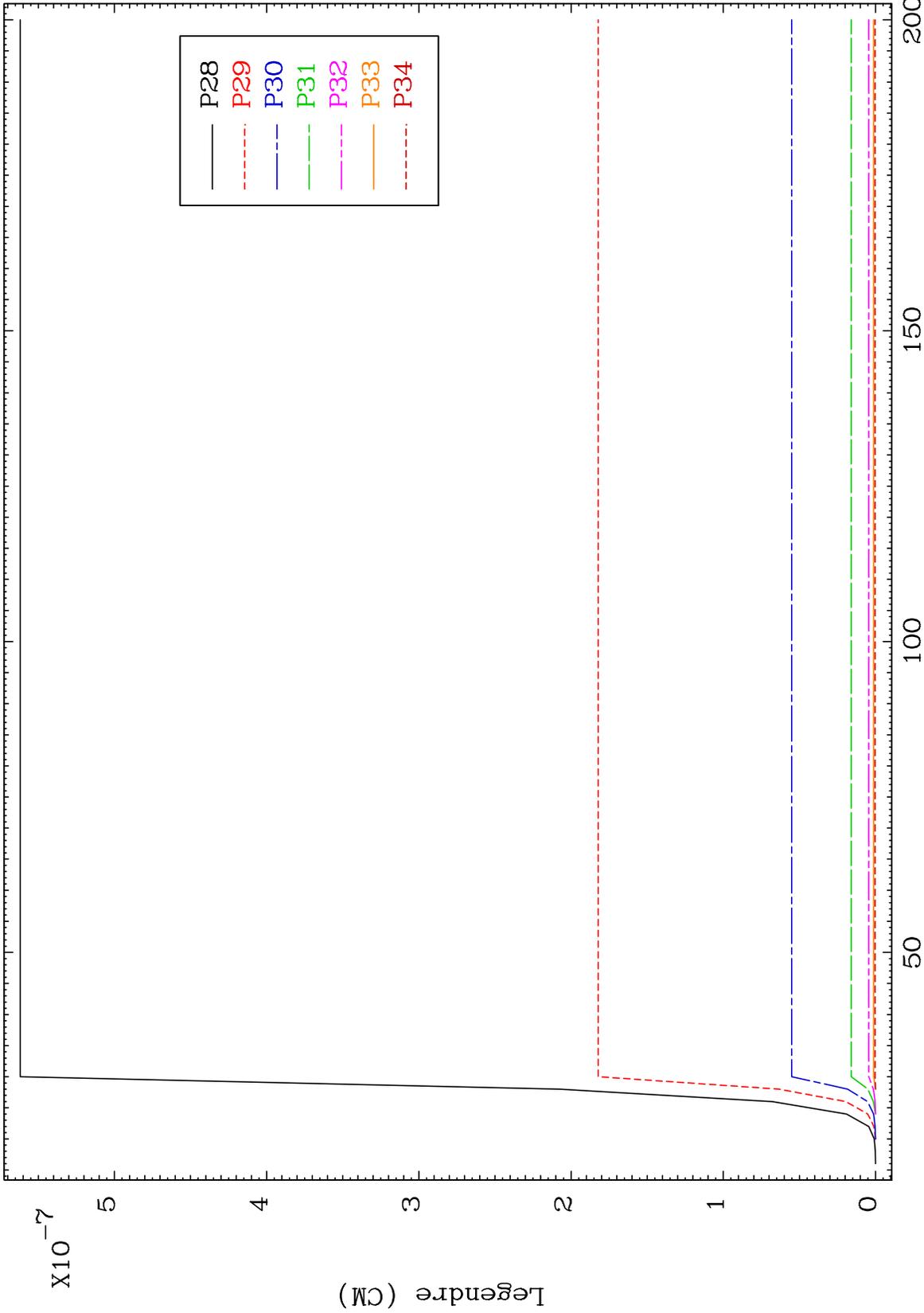
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



99

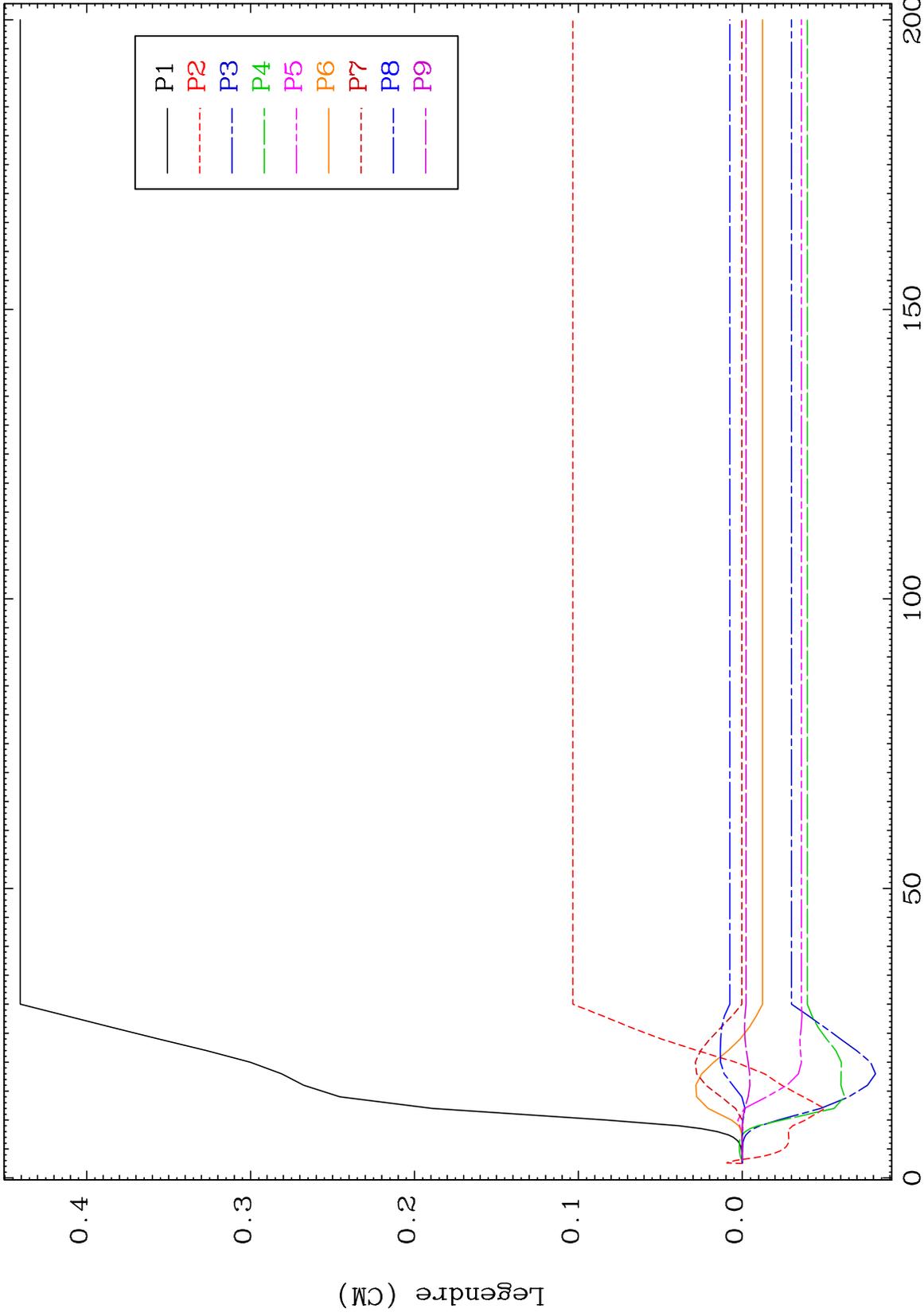
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

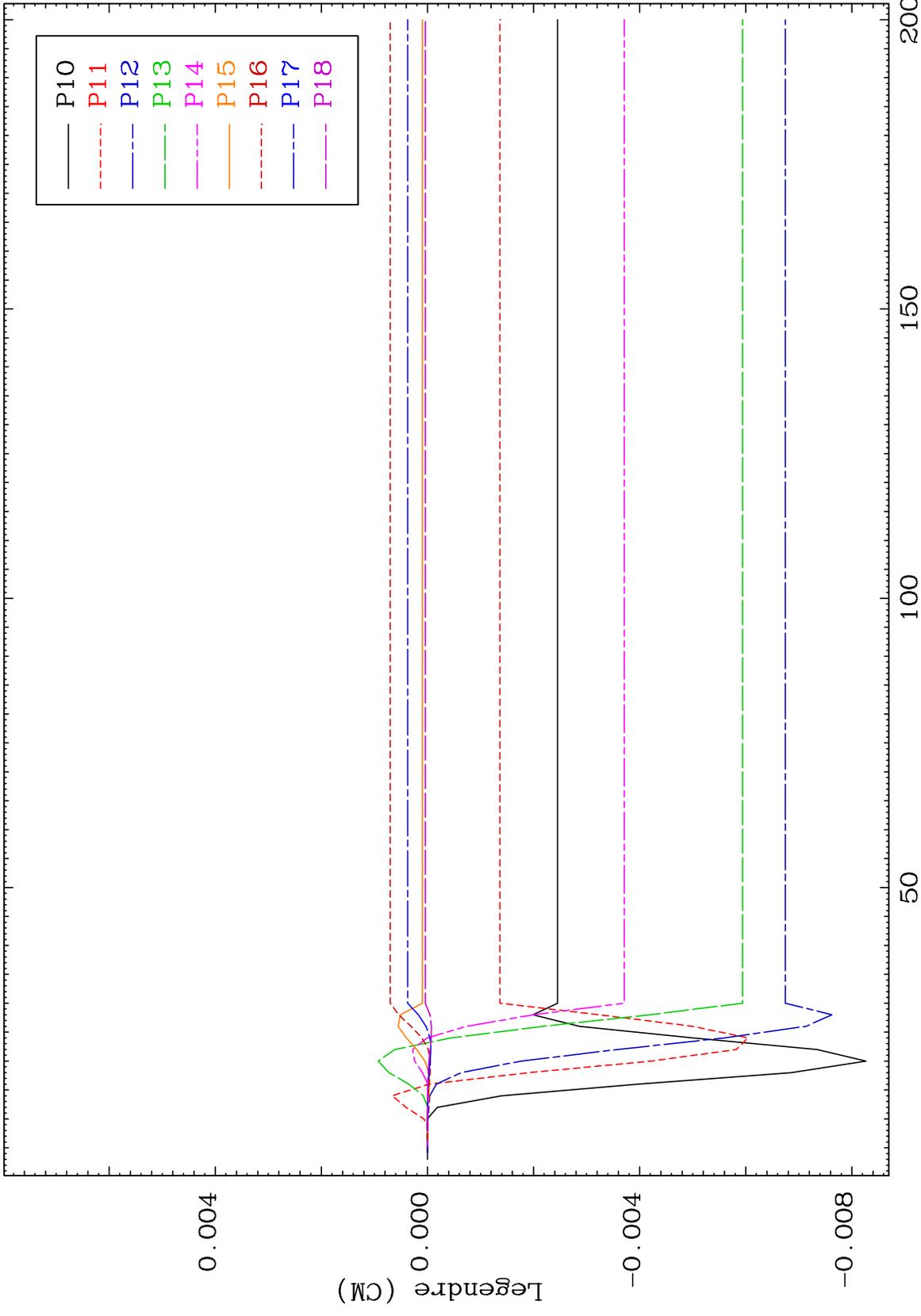
Incident Energy (MeV)

100

MAT 4228

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

42-Mo-93



101

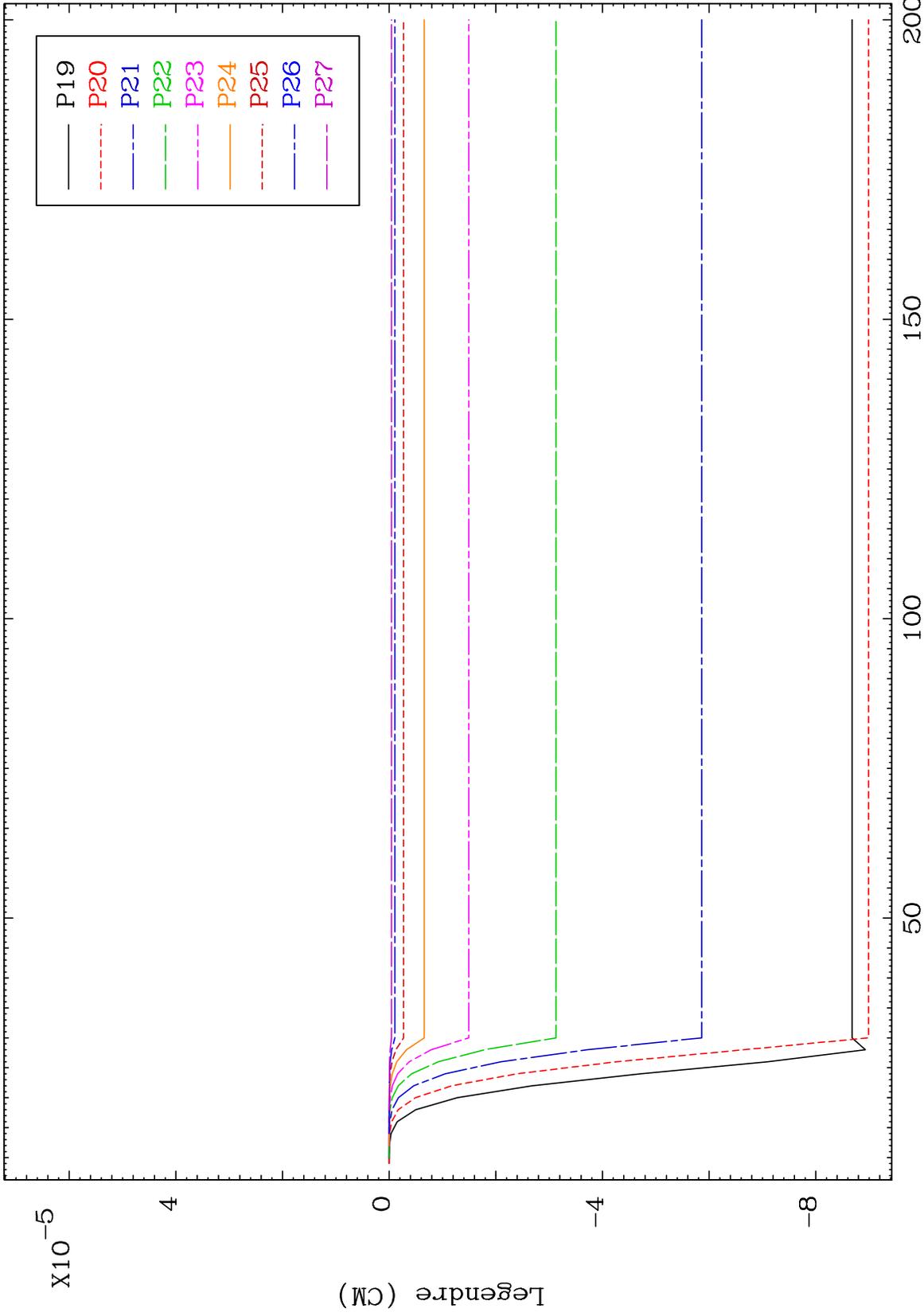
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



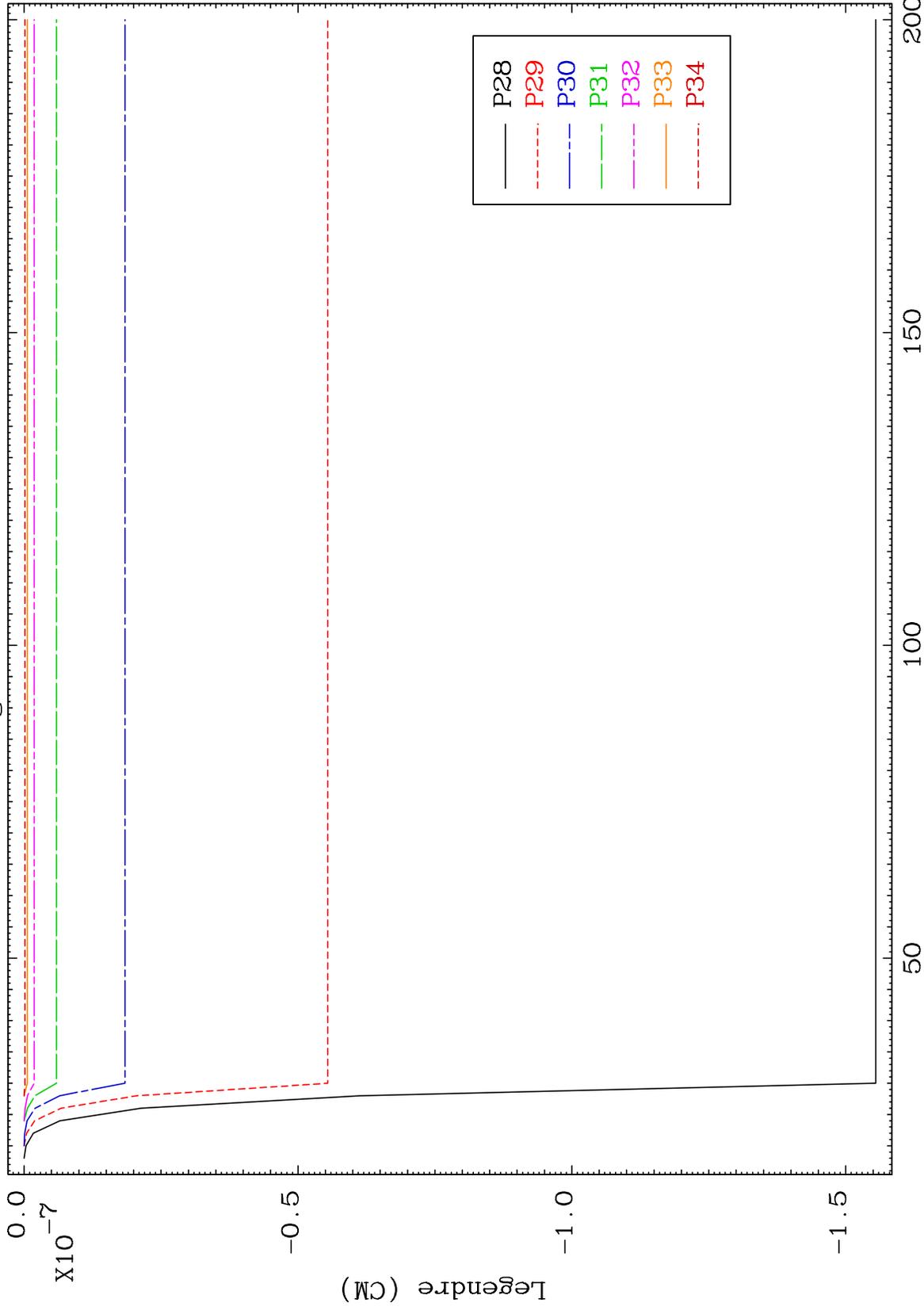
102

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

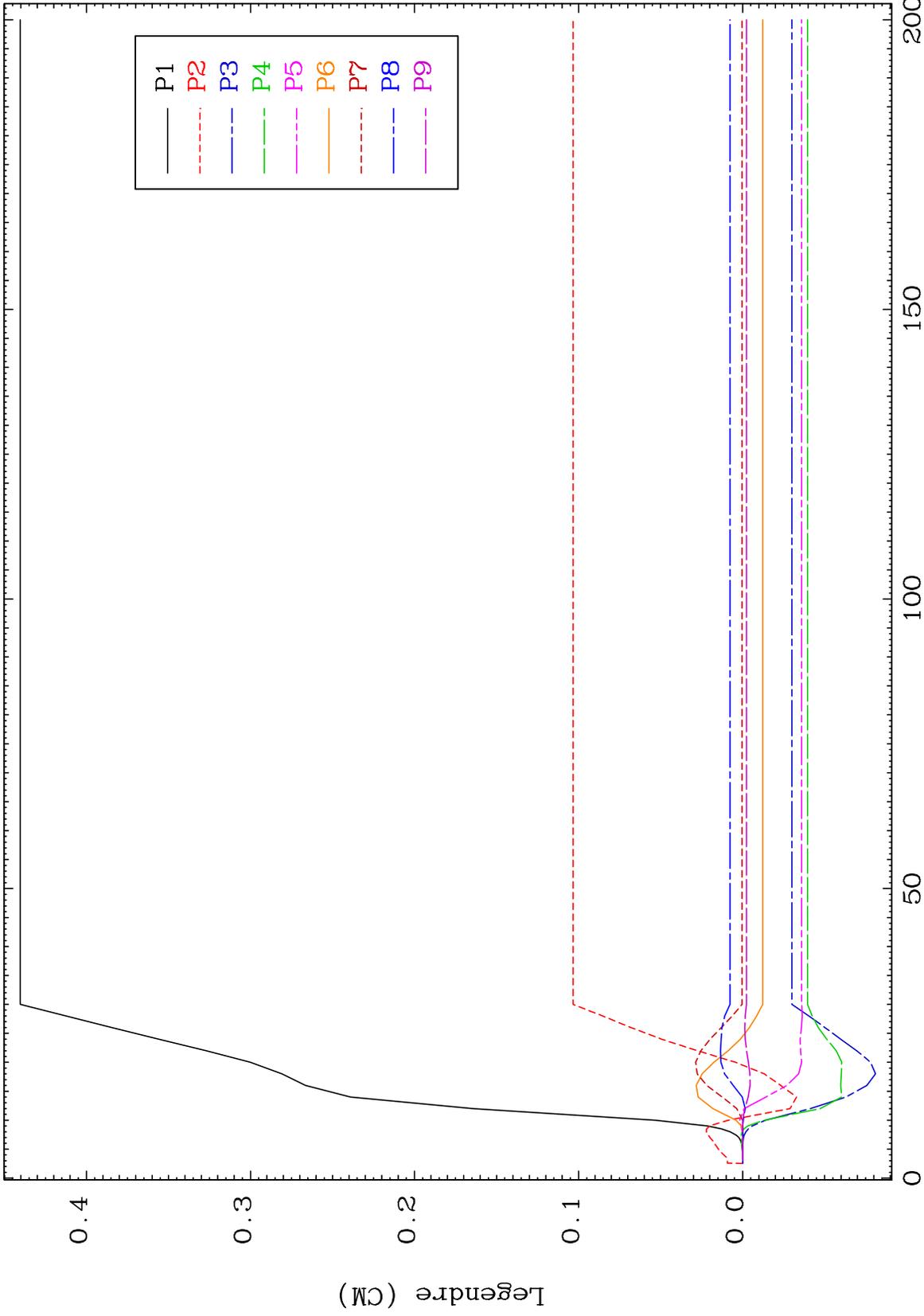
Incident Energy (MeV)

103

MAT 4228

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

42-Mo-93



104

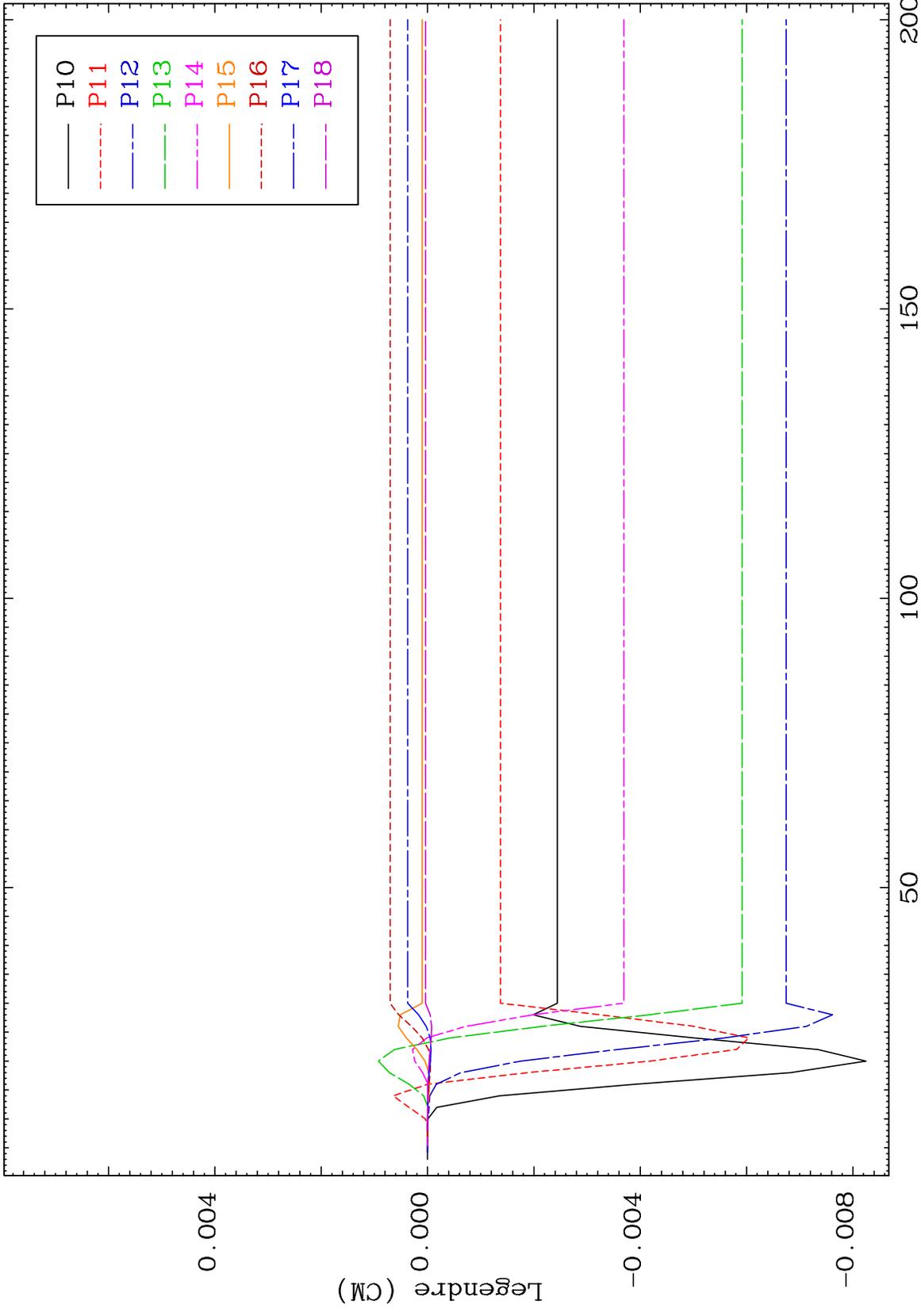
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



105

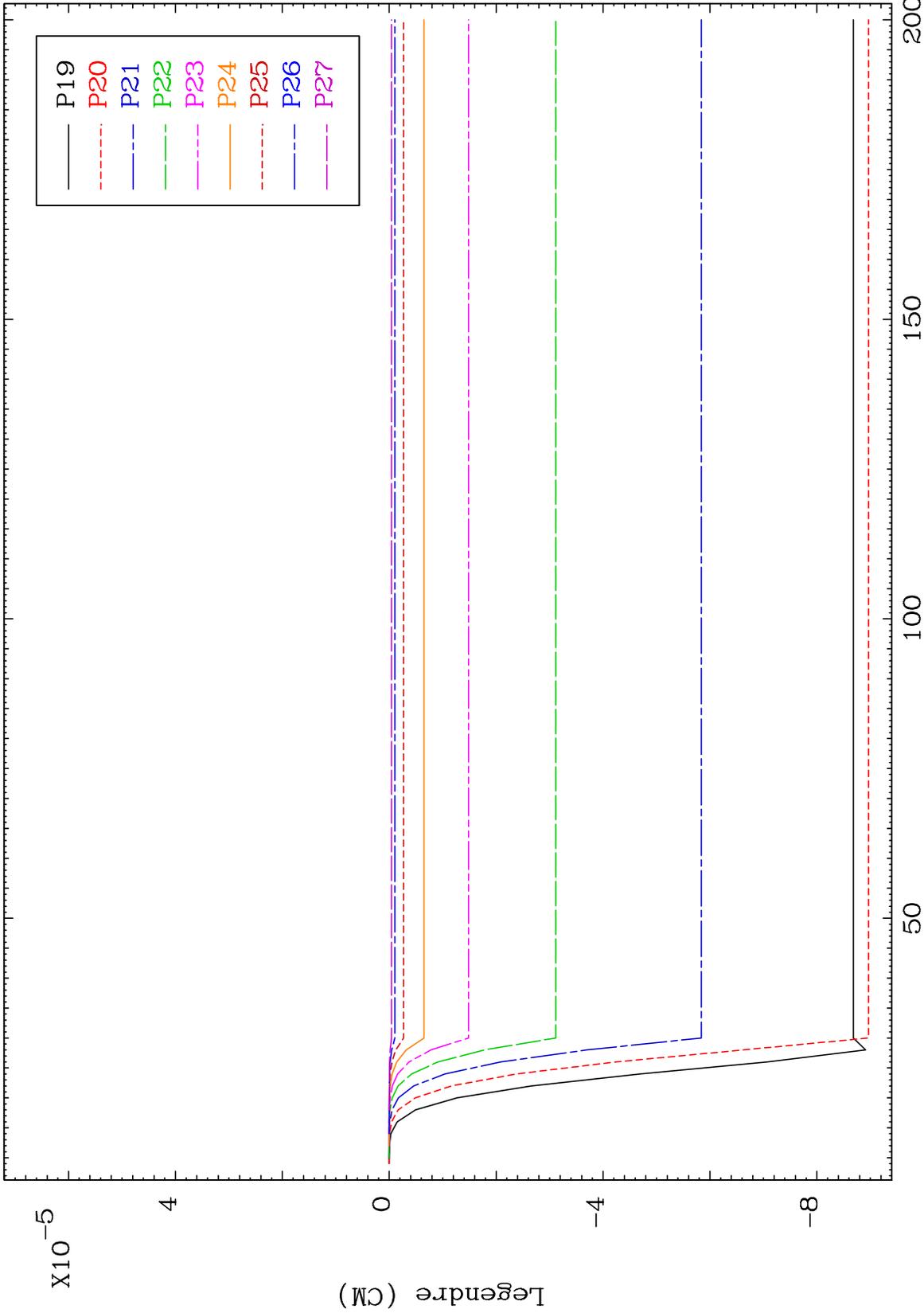
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



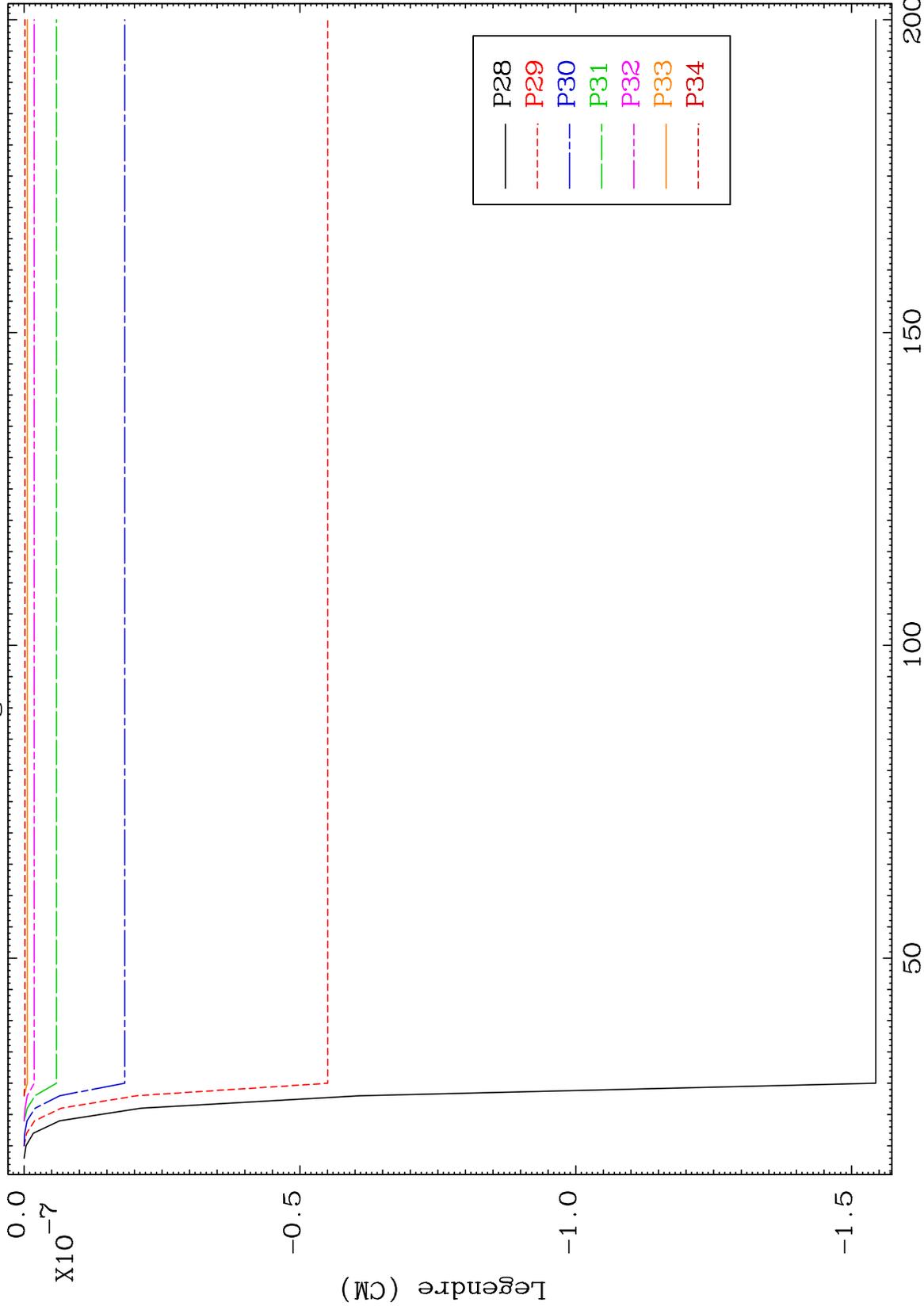
106

42-Mo-93

MAT 4228

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

42-Mo-93



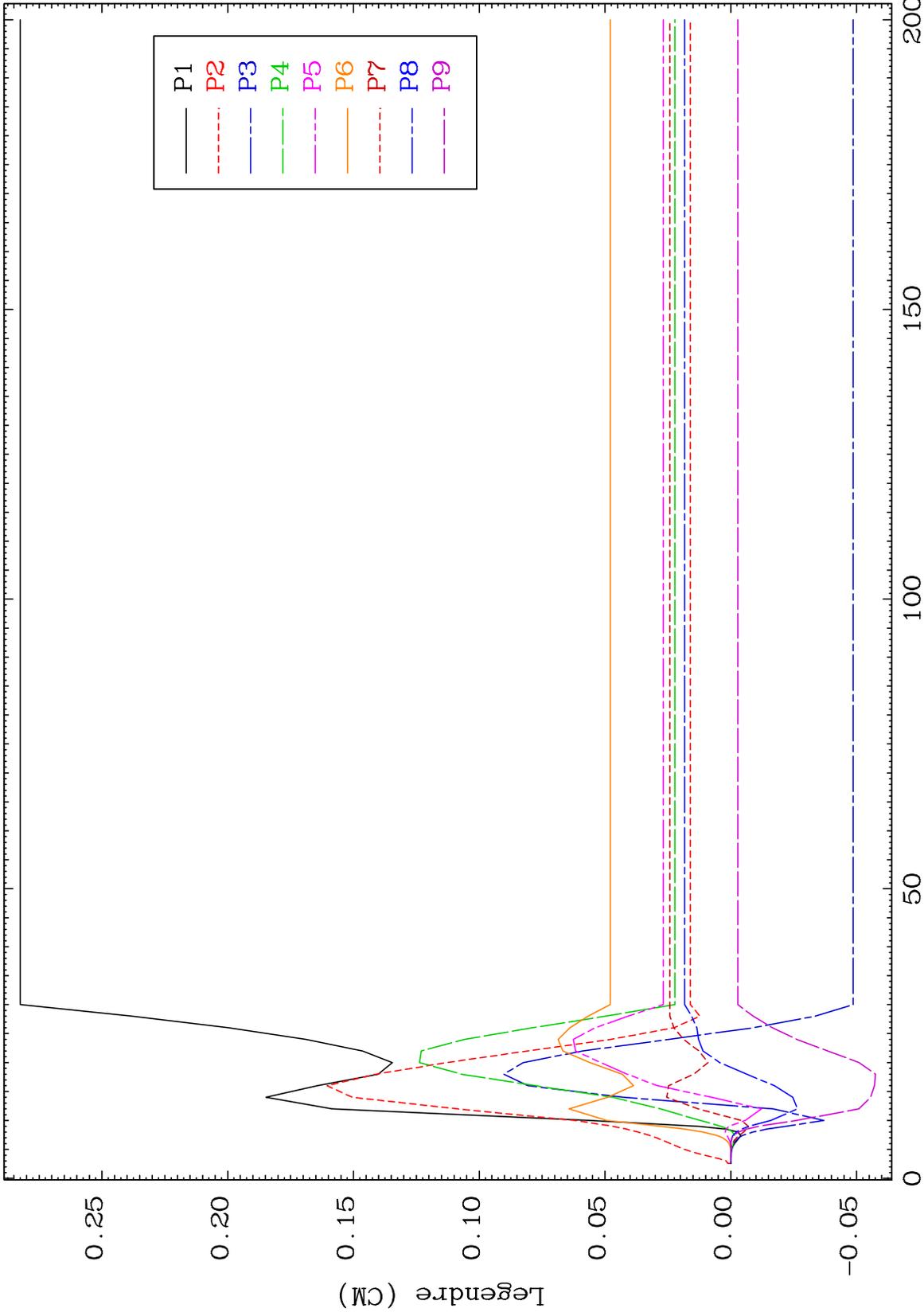
107

42-Mo-93

MAT 4228

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

42-Mo-93



108

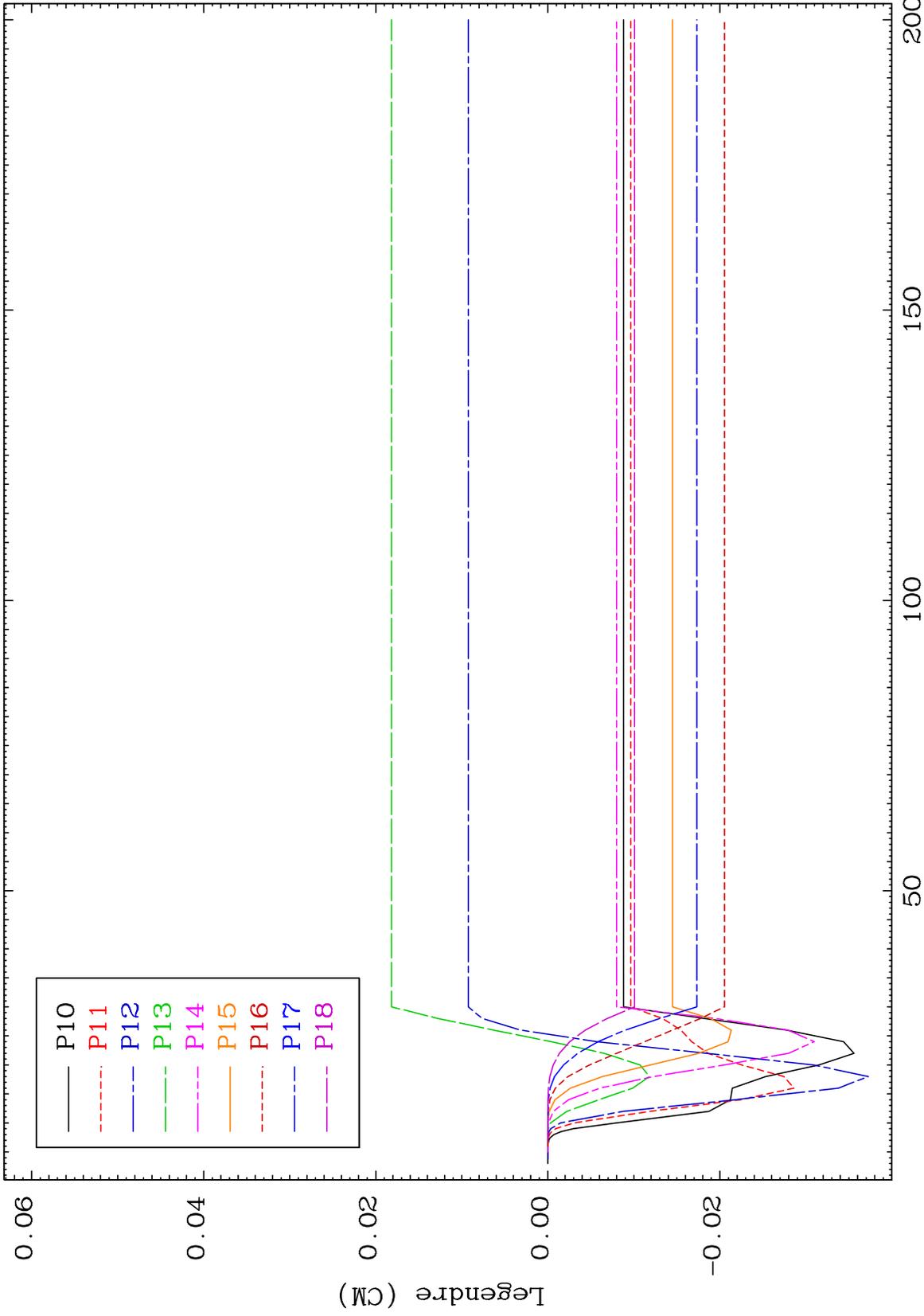
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

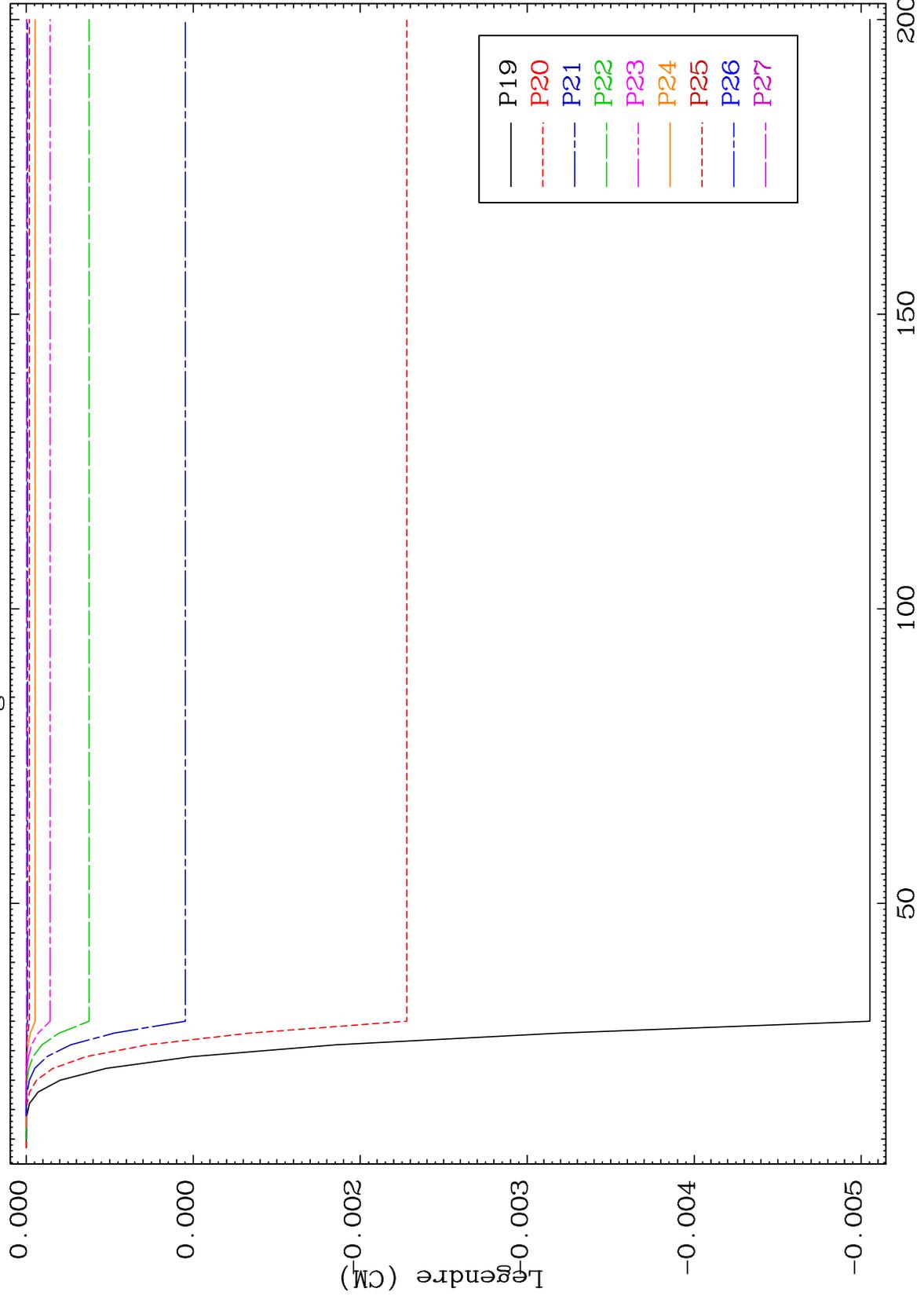
42-Mo-93



109

Incident Energy (MeV)

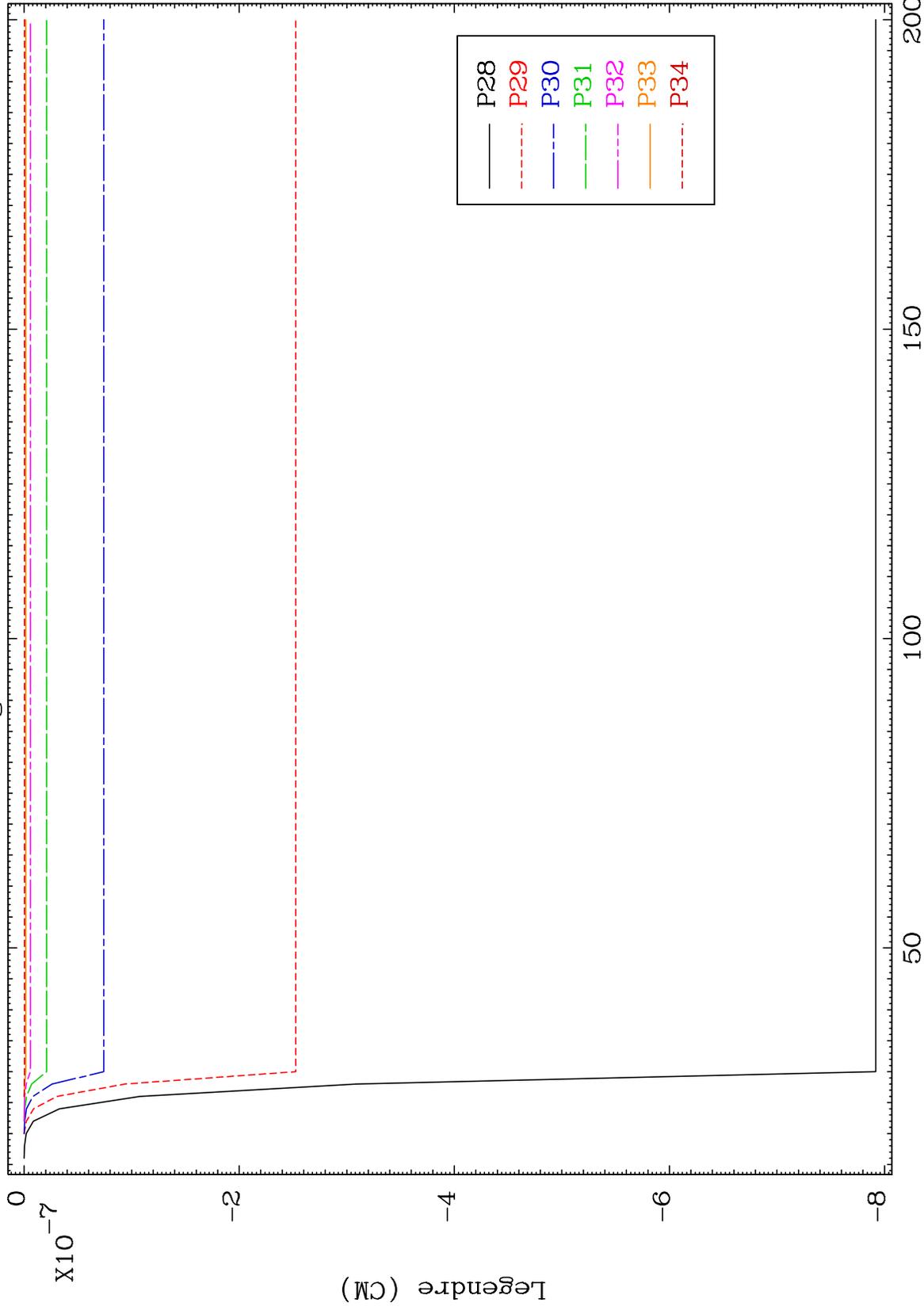
42-Mo-93



MAT 4228

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

42-Mo-93



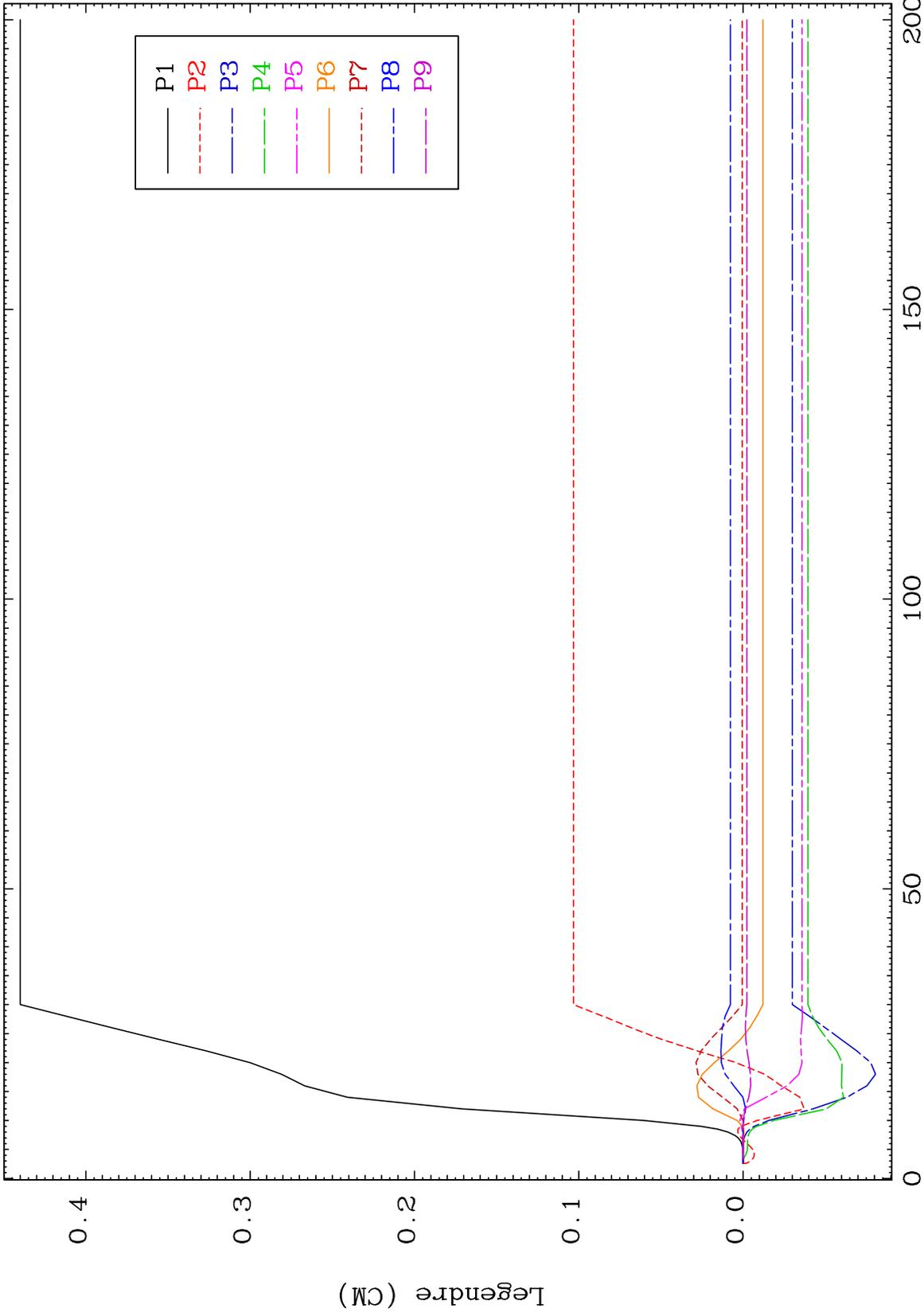
111

42-Mo-93

MAT 4228

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

42-Mo-93



112

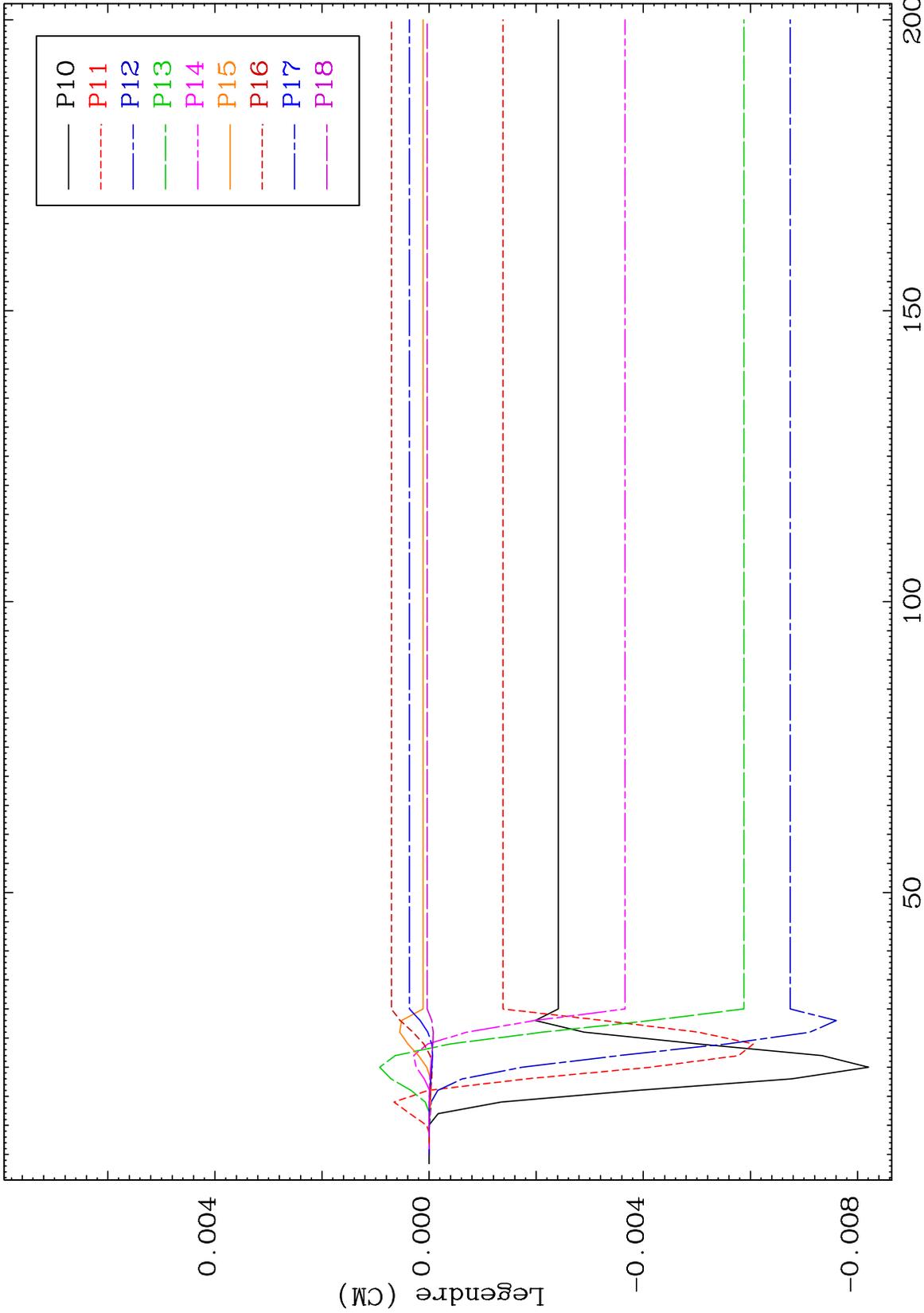
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



113

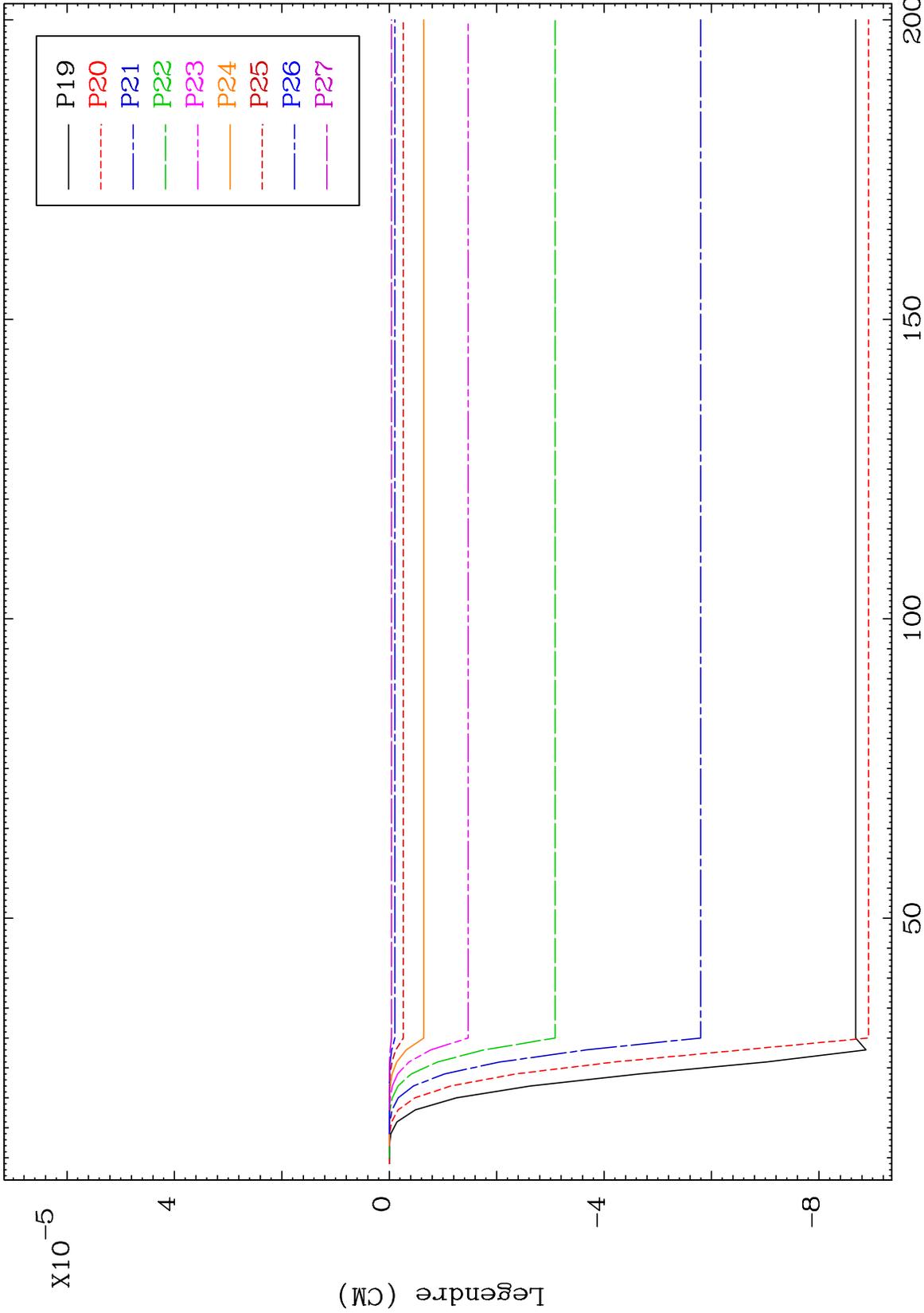
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



114

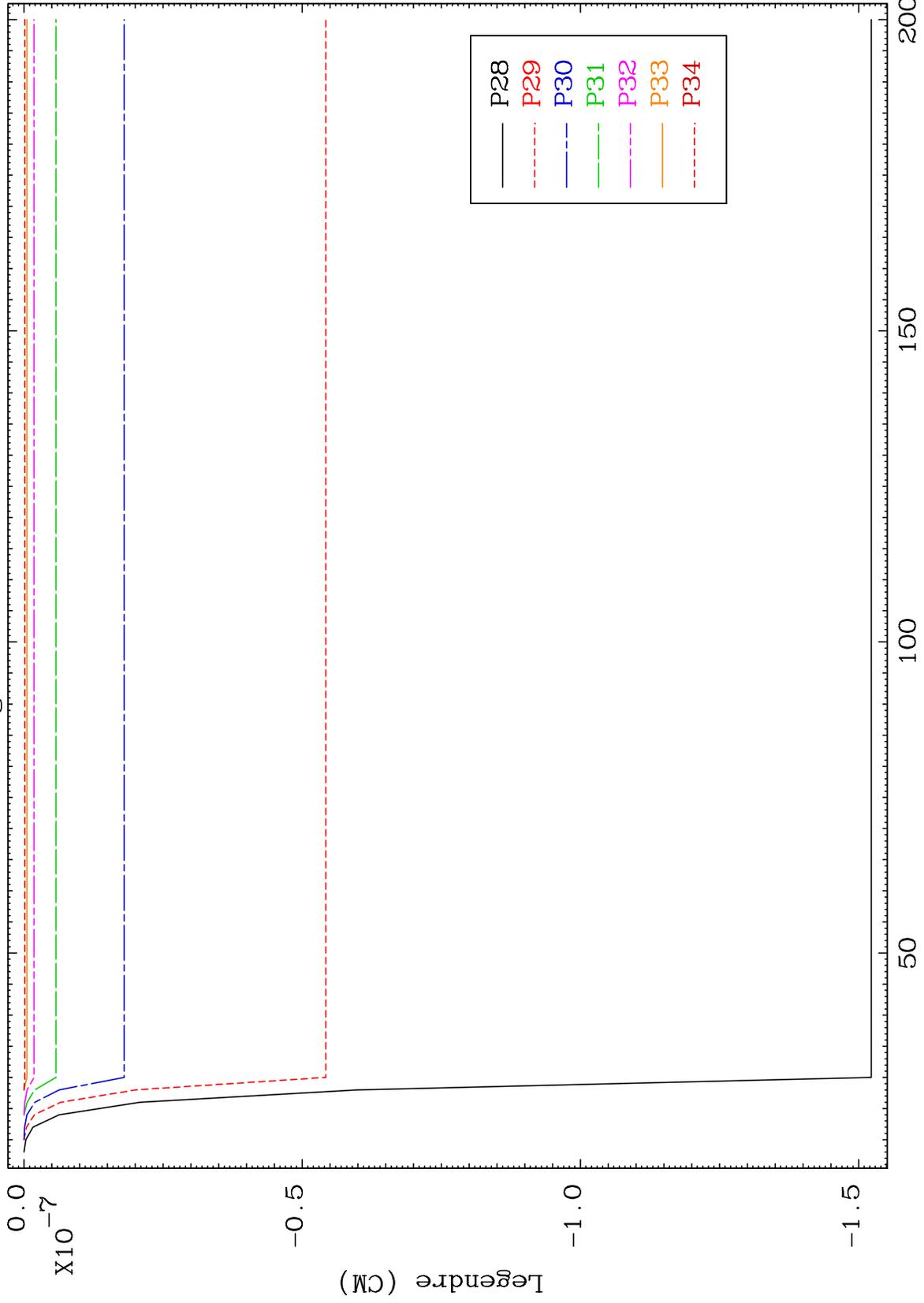
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

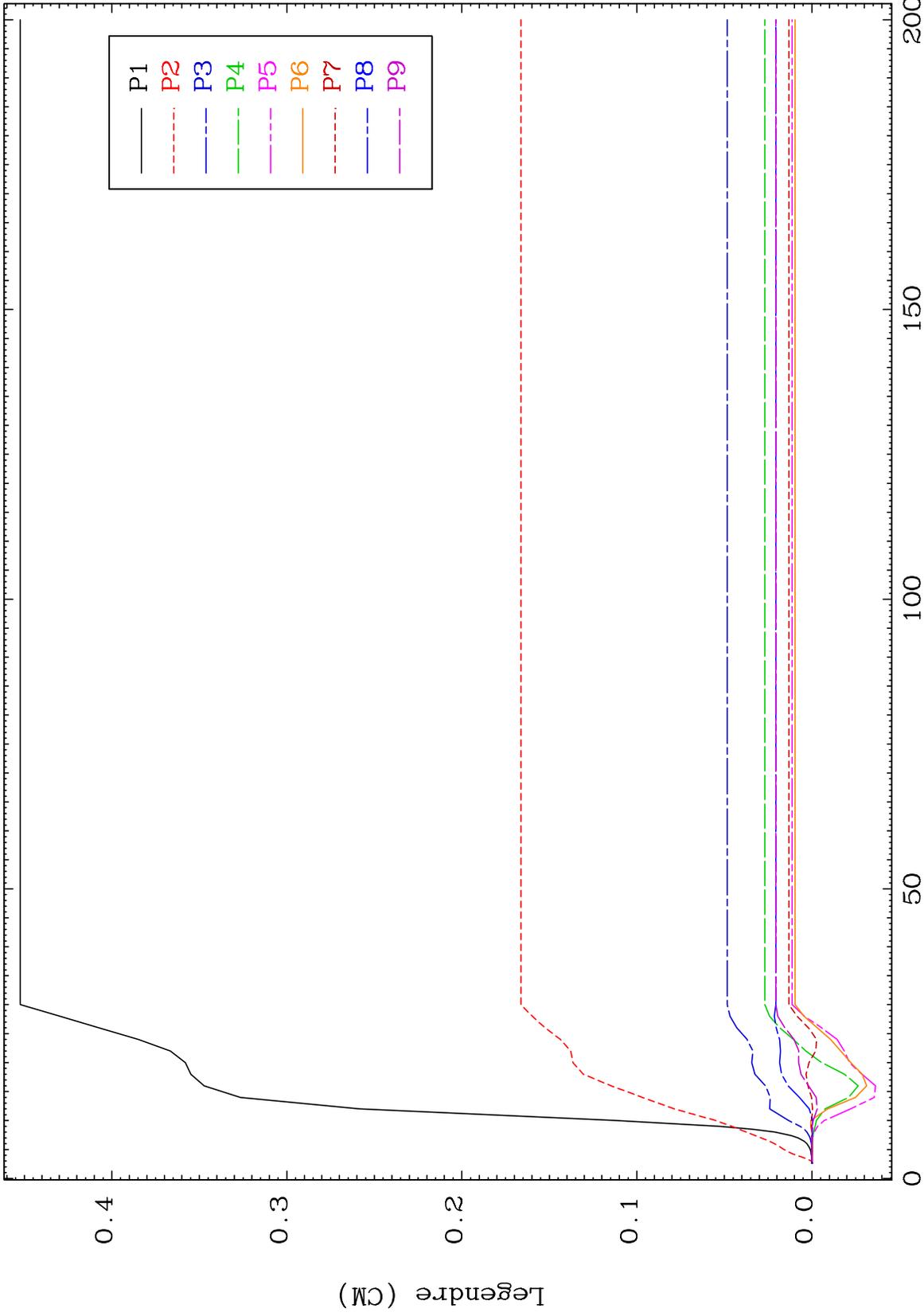
Incident Energy (MeV)

115

MAT 4228

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

42-Mo-93



116

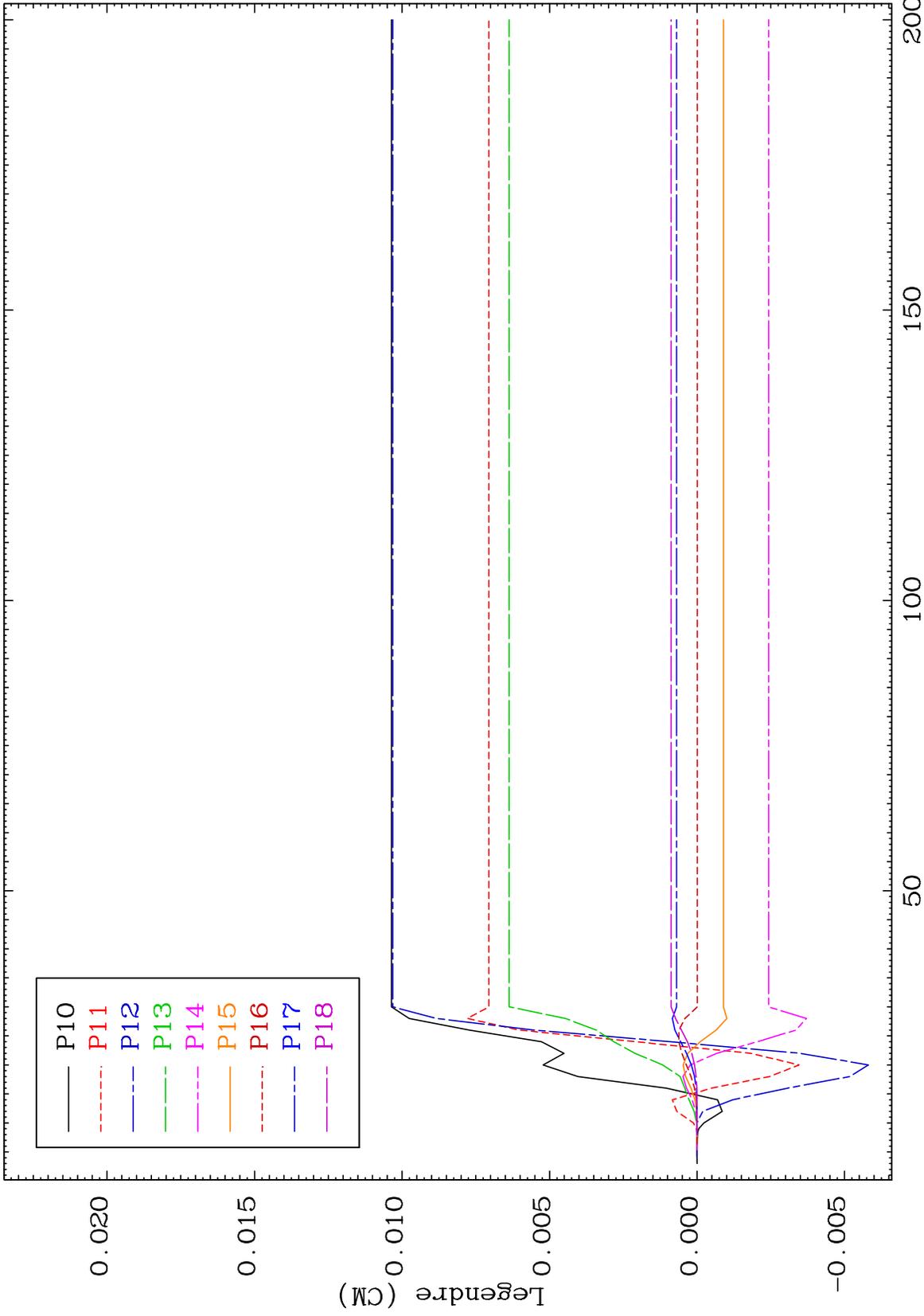
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



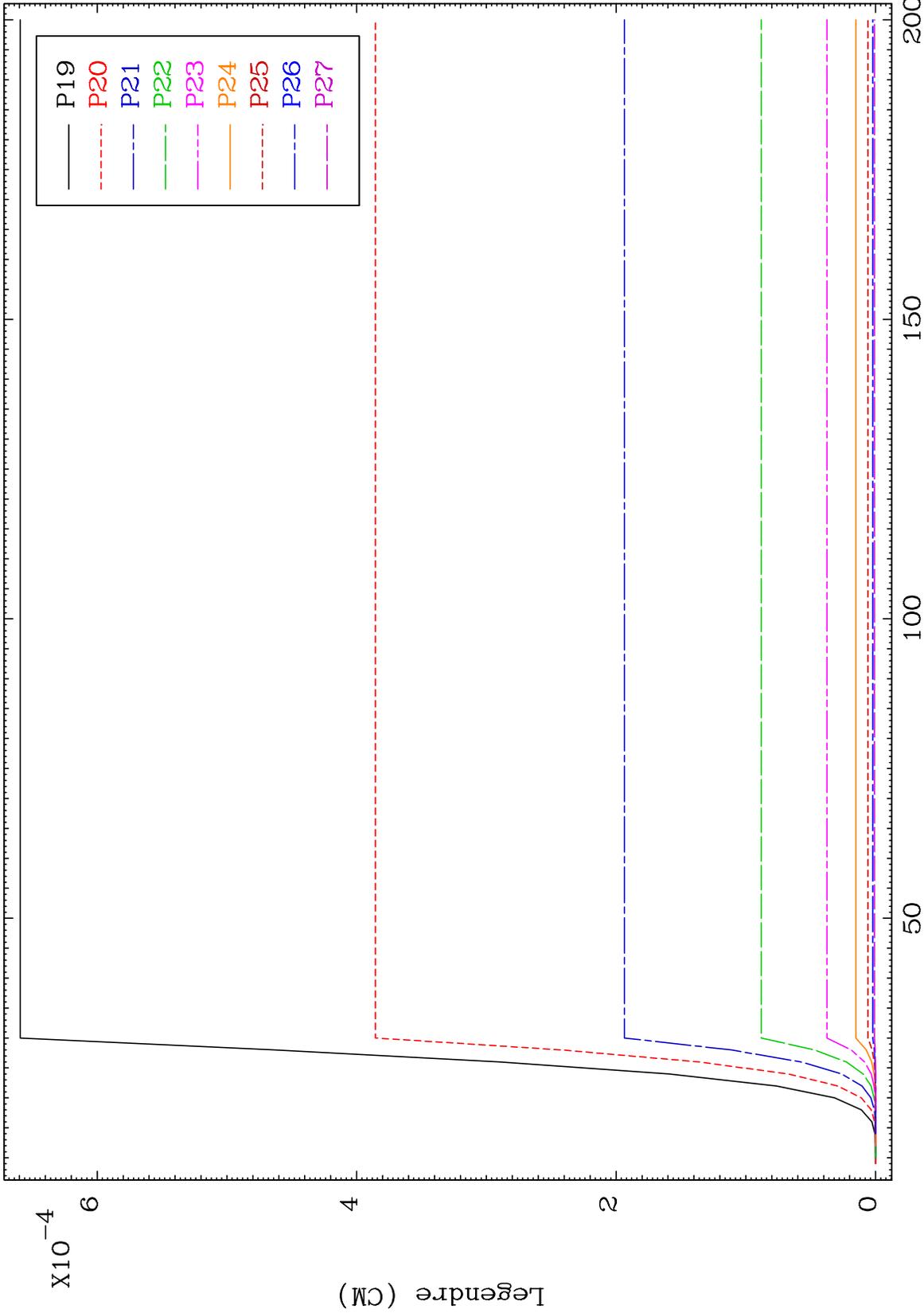
117

42-Mo-93

MAT 4228

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

42-Mo-93



118

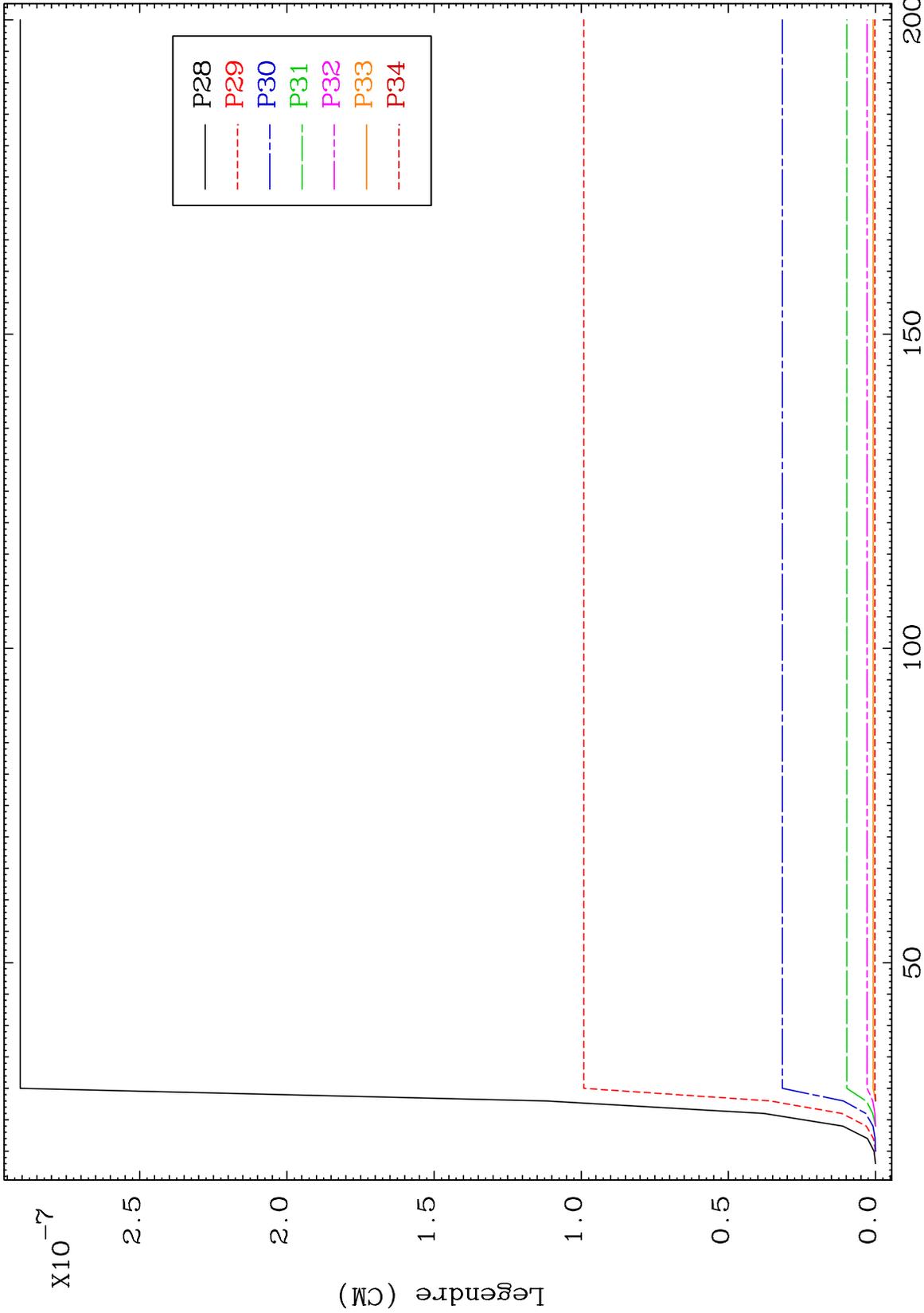
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



119

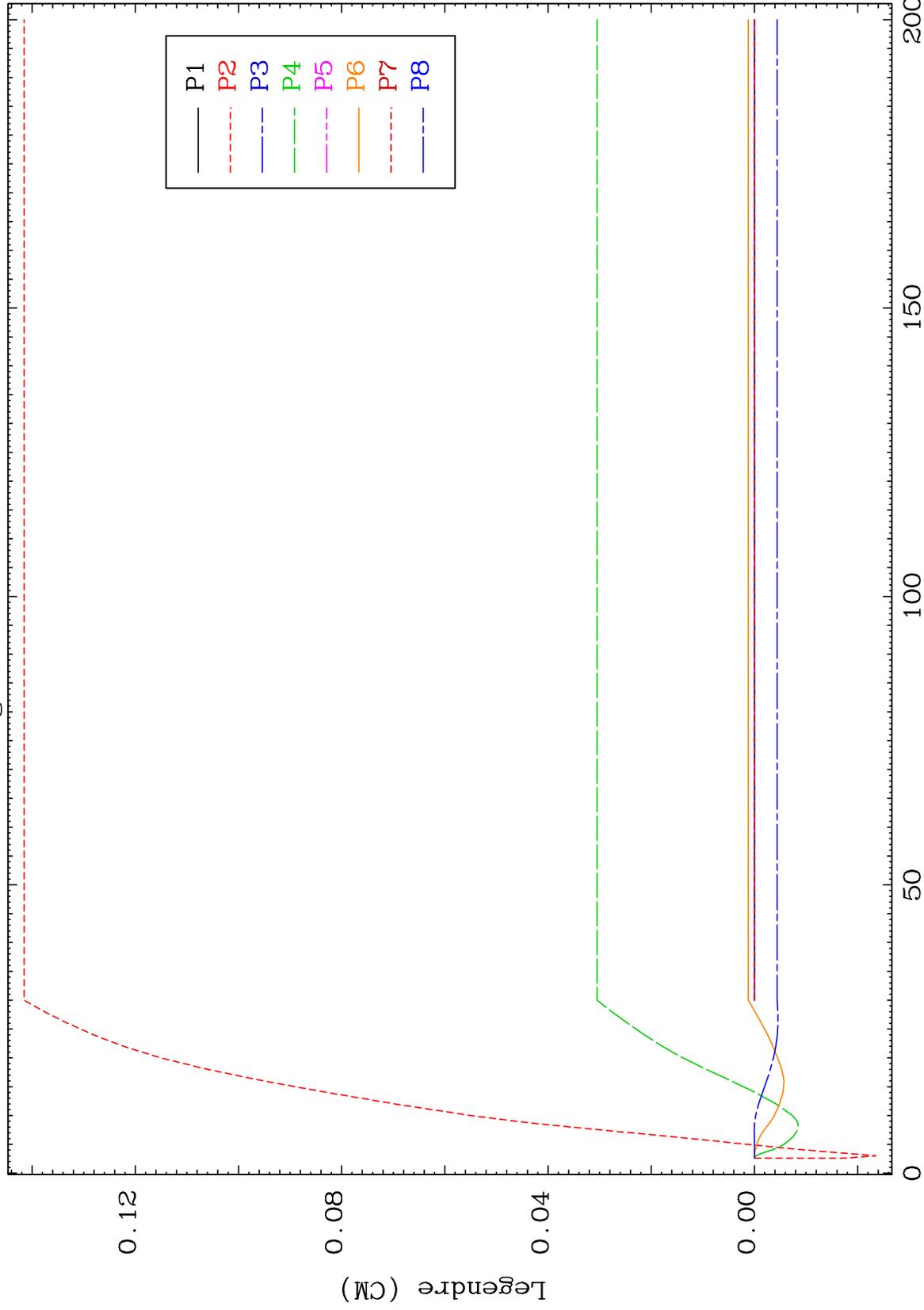
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



42-Mo-93

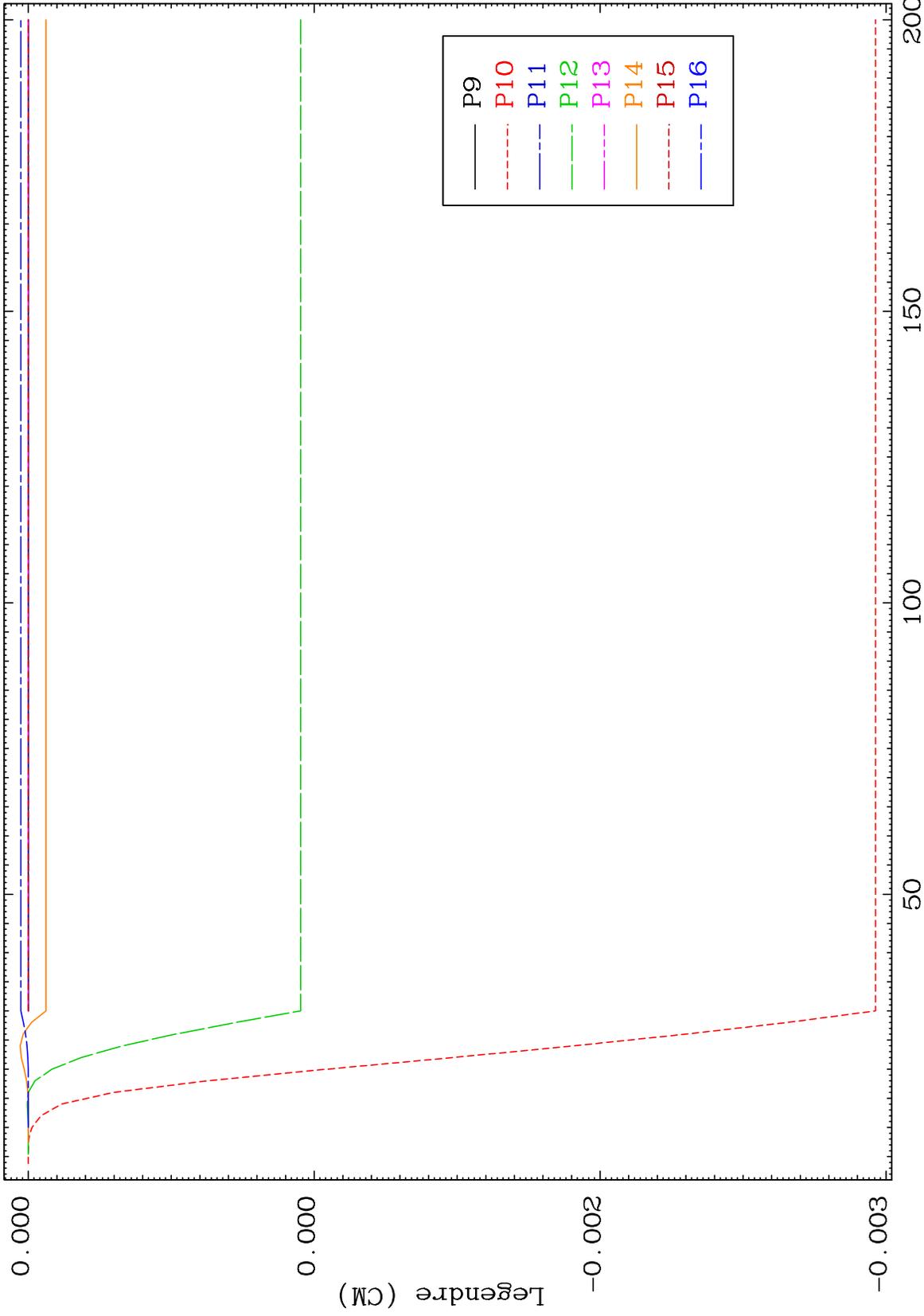
Incident Energy (MeV)

Legendre (CM)

MAT 4228

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

42-Mo-93



121

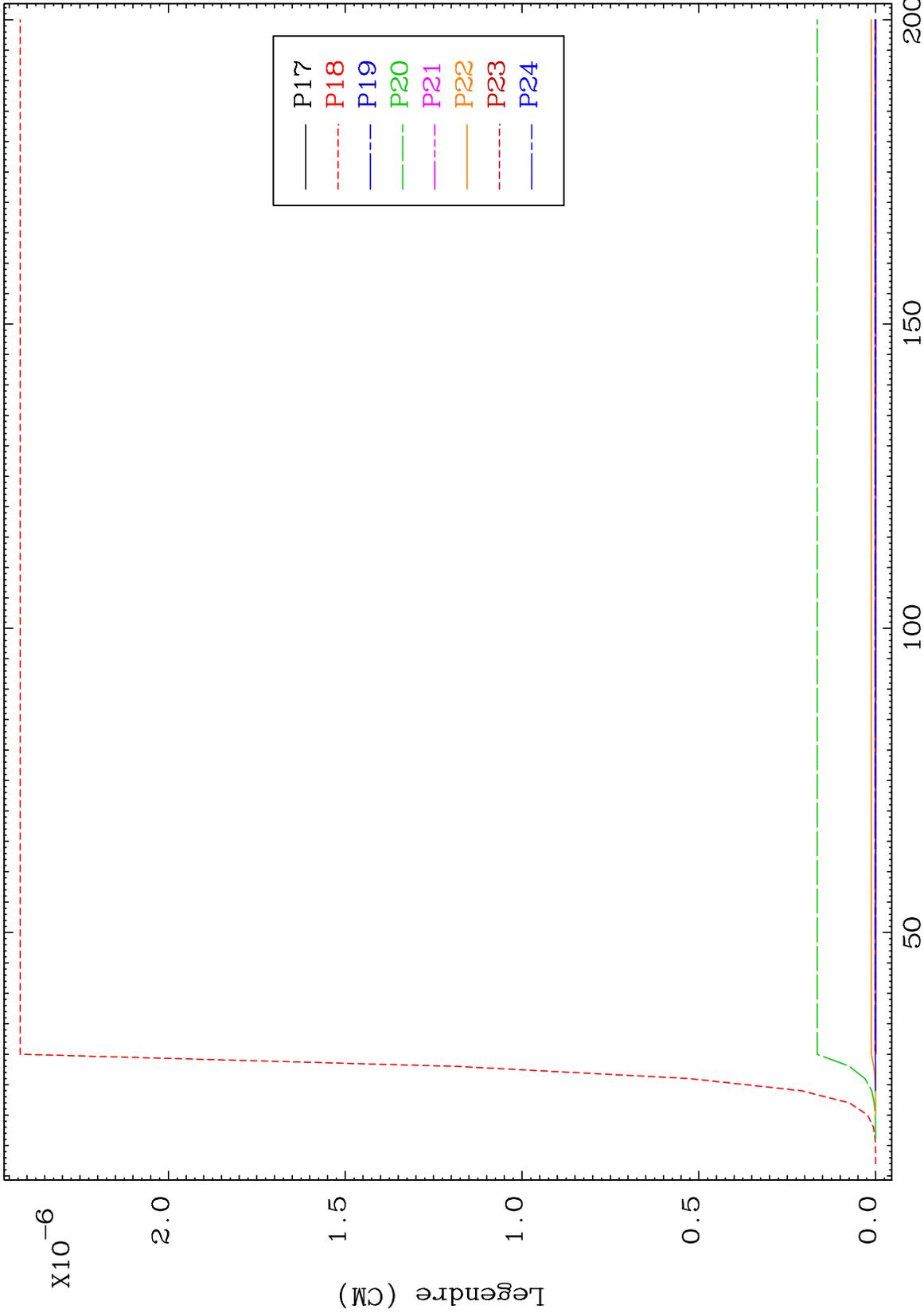
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



122

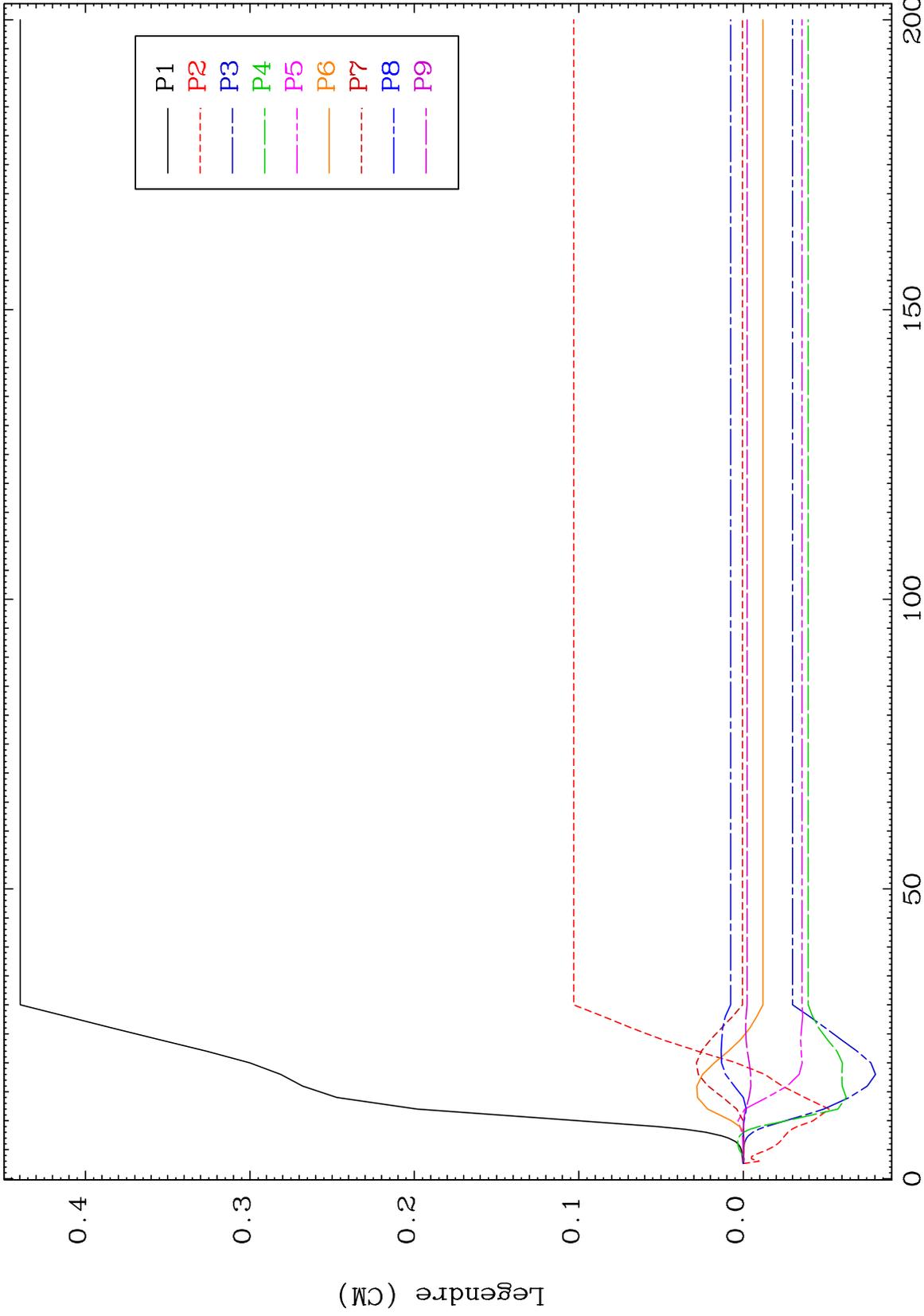
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



123

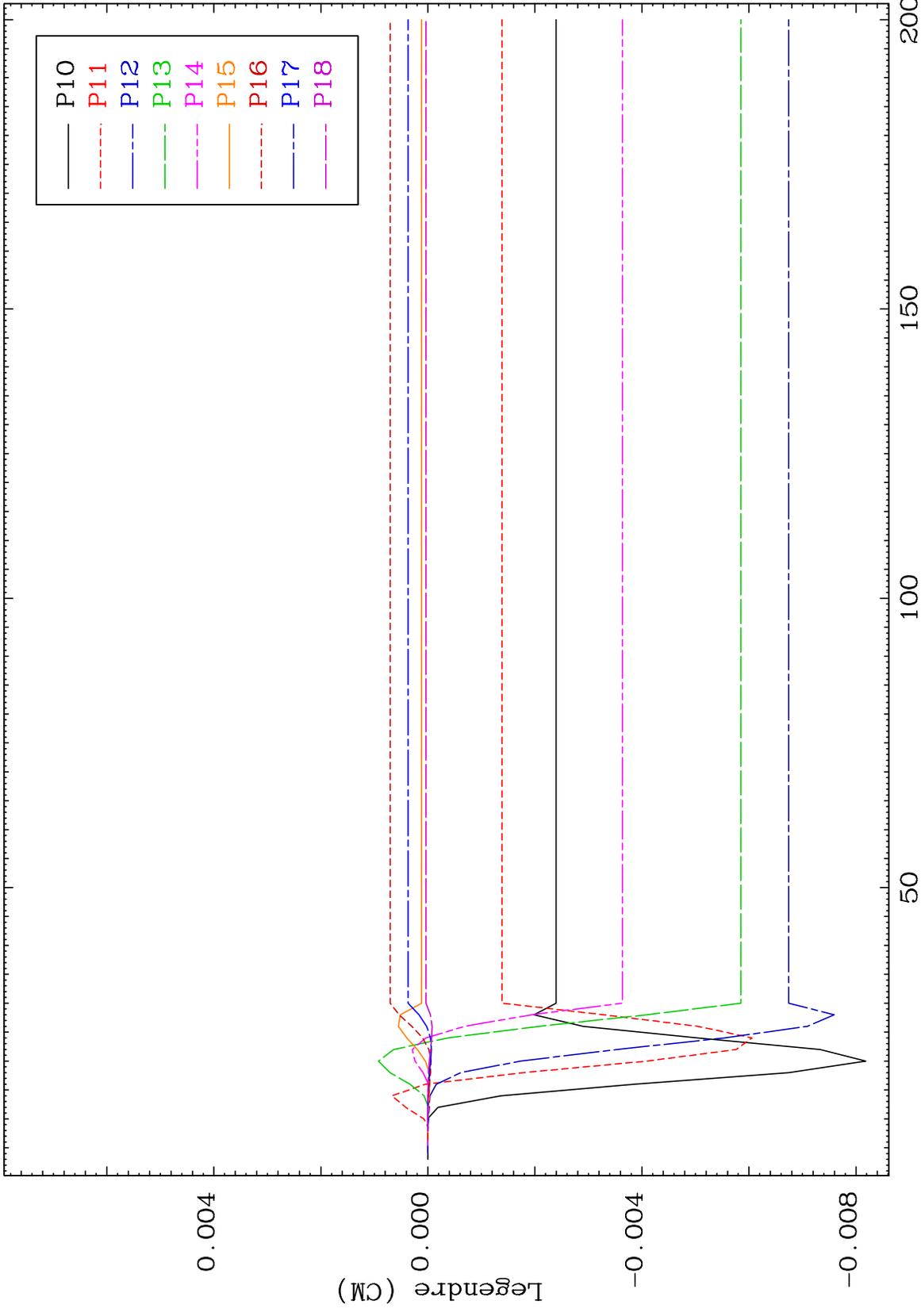
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



124

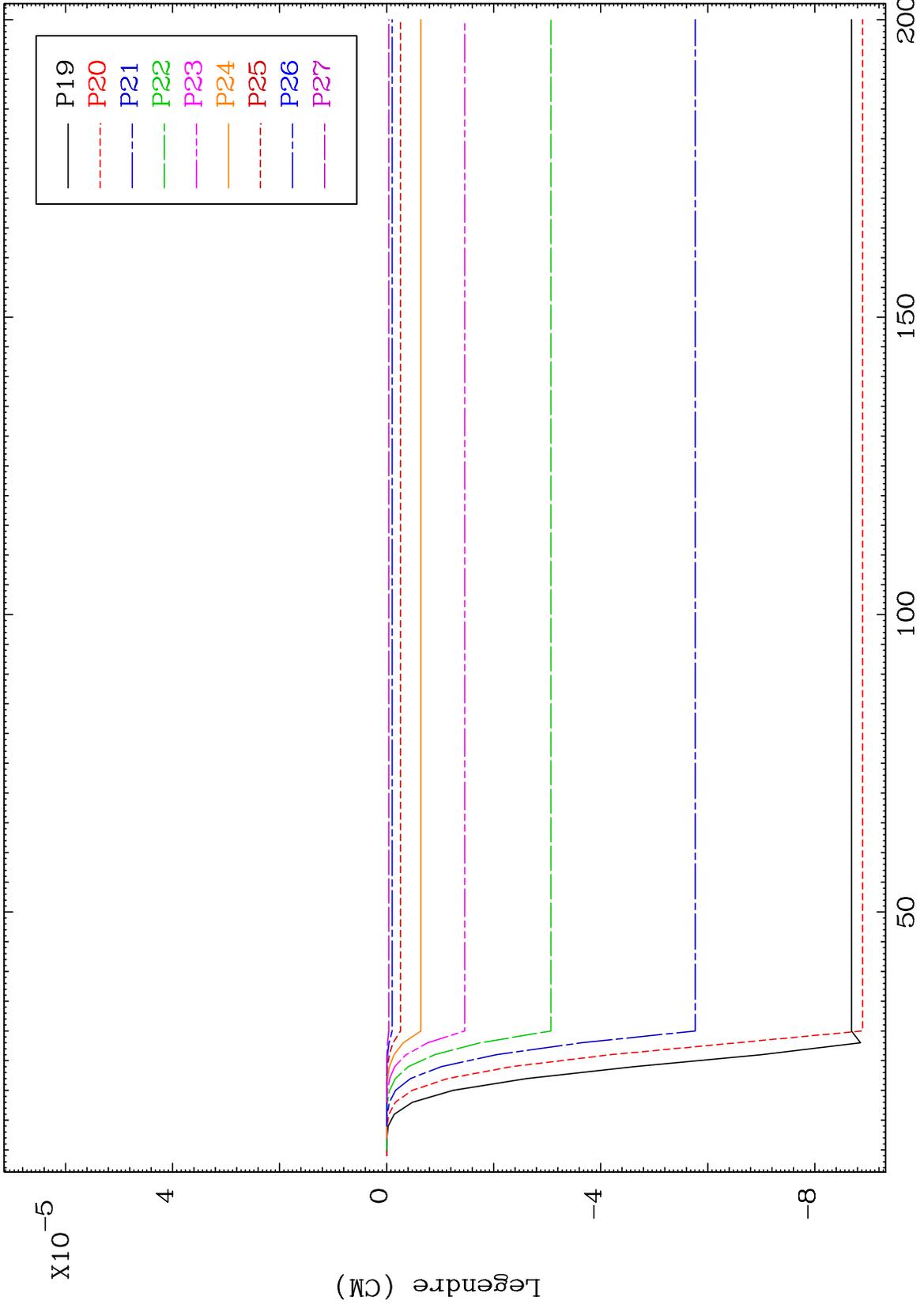
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93



125

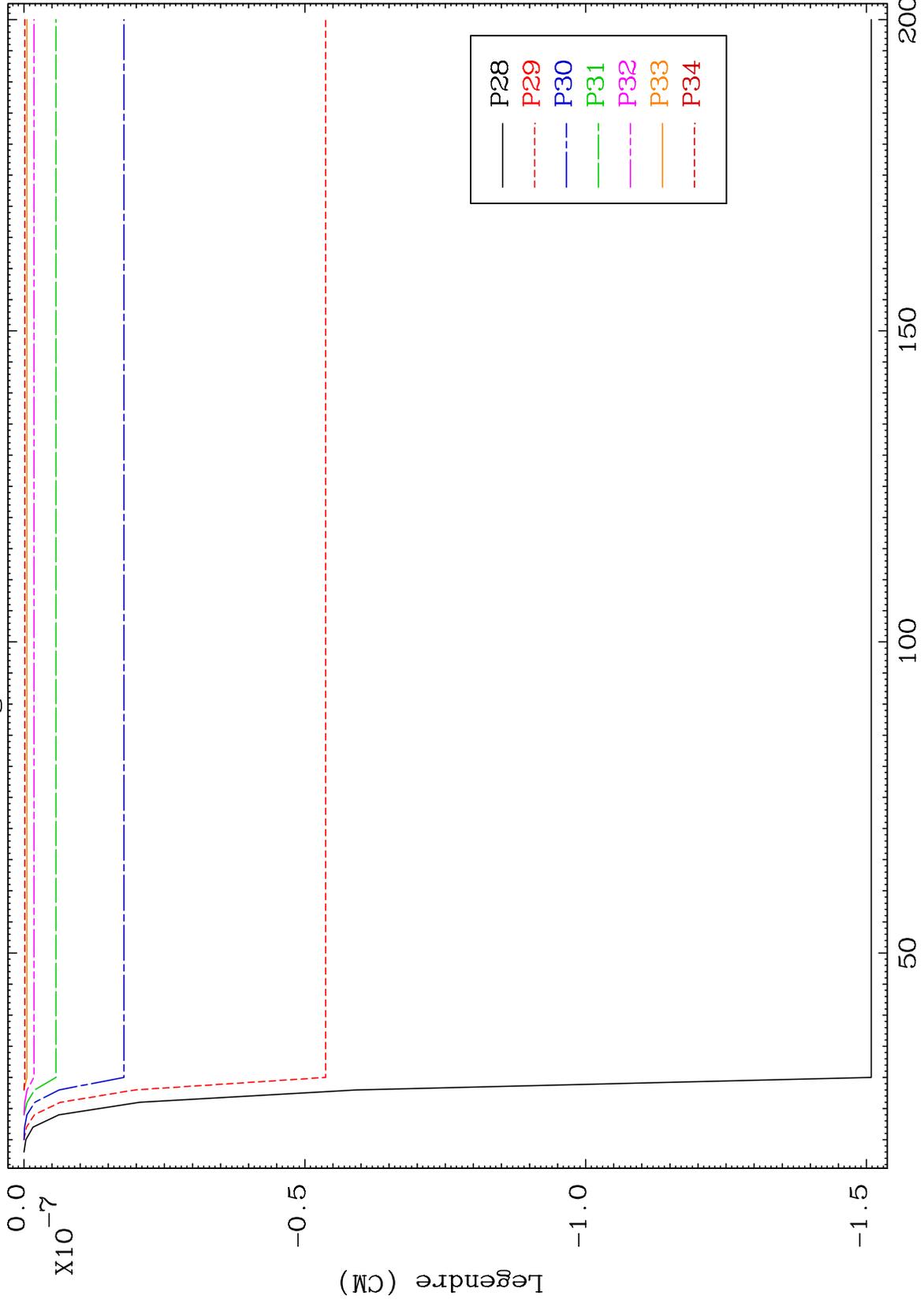
Incident Energy (MeV)

42-Mo-93

MAT 4228

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

42-Mo-93

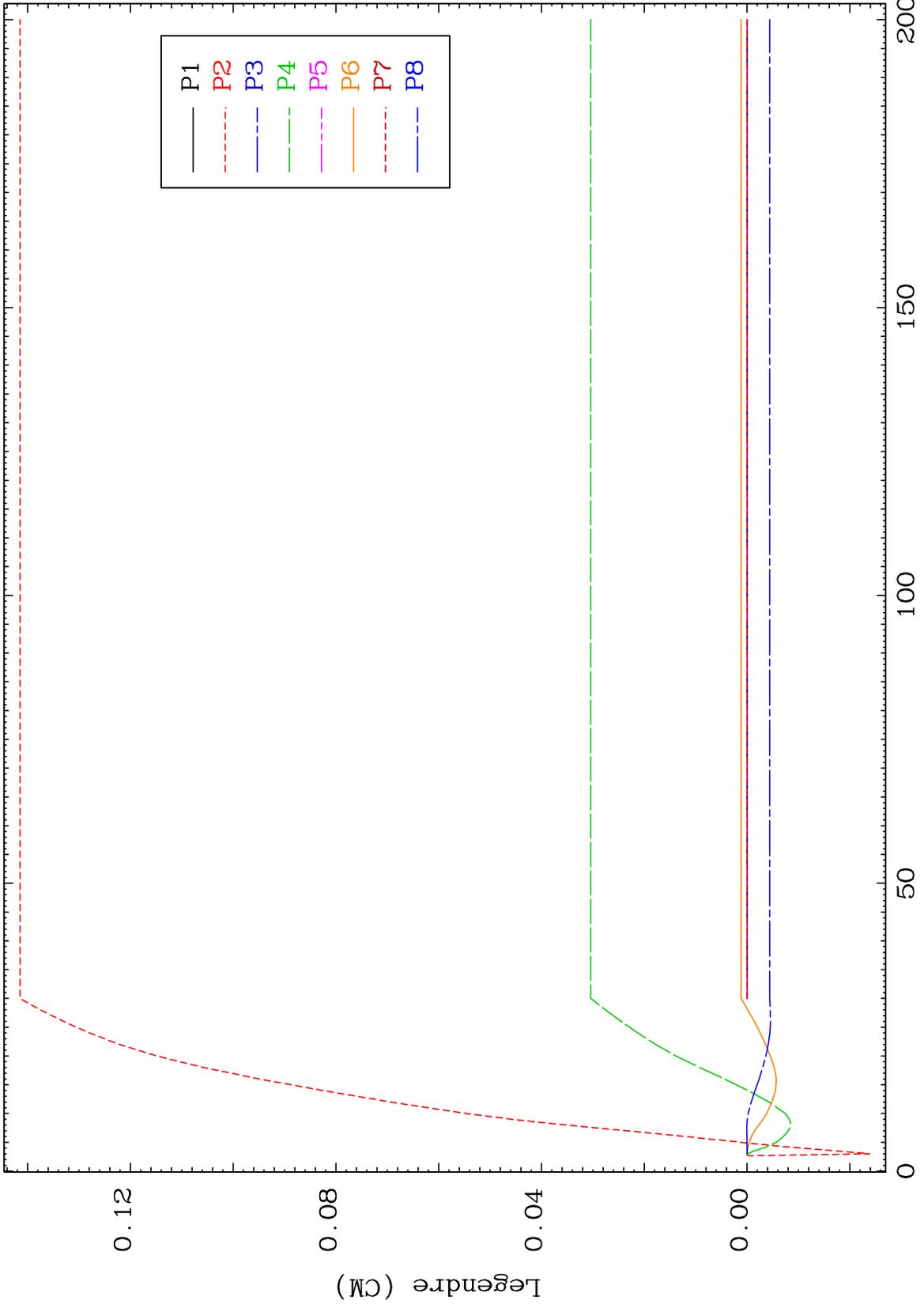


42-Mo-93

Incident Energy (MeV)

126

MAT 4228 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-93

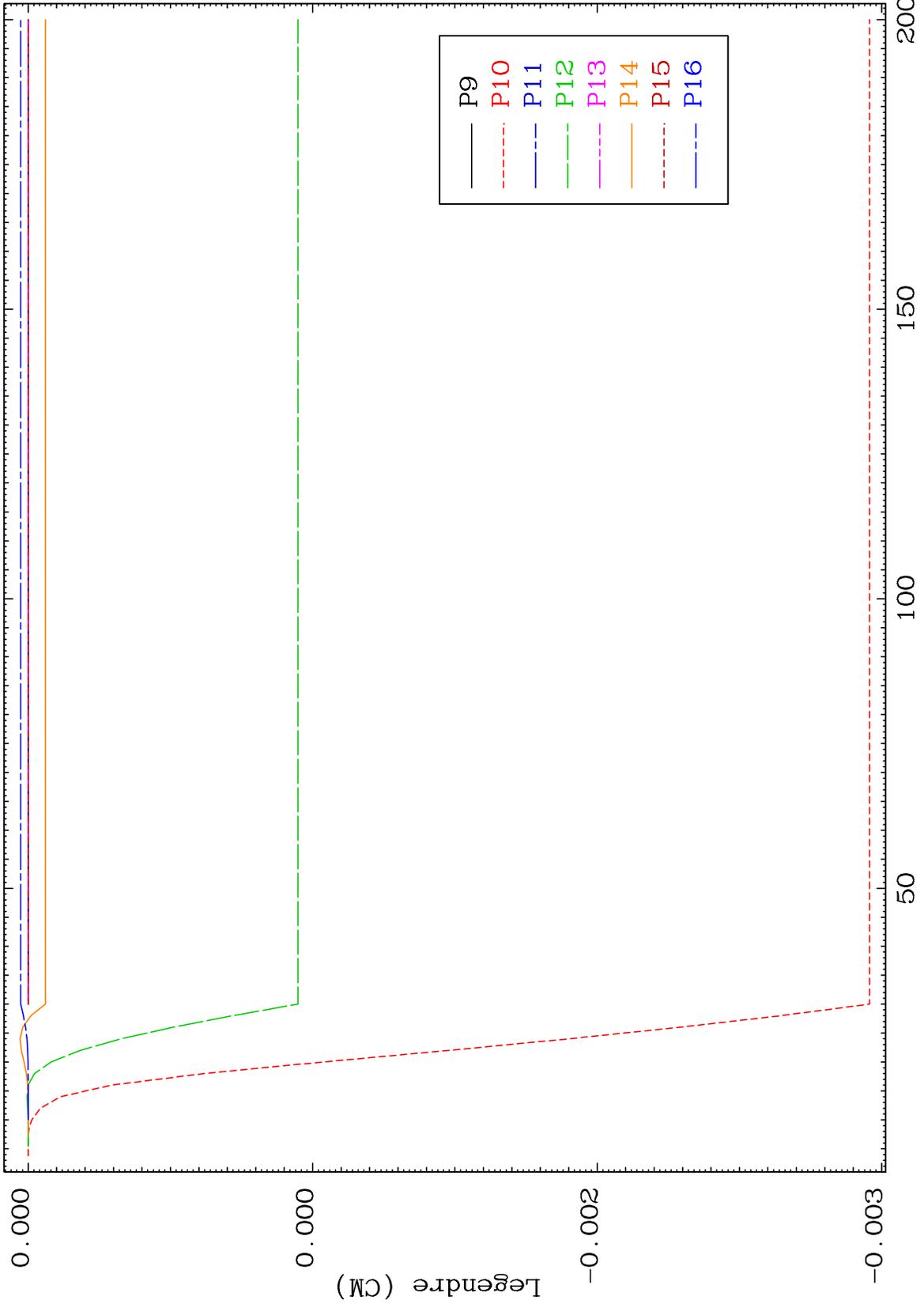


127 42-Mo-93

MAT 4228

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

42-Mo-93

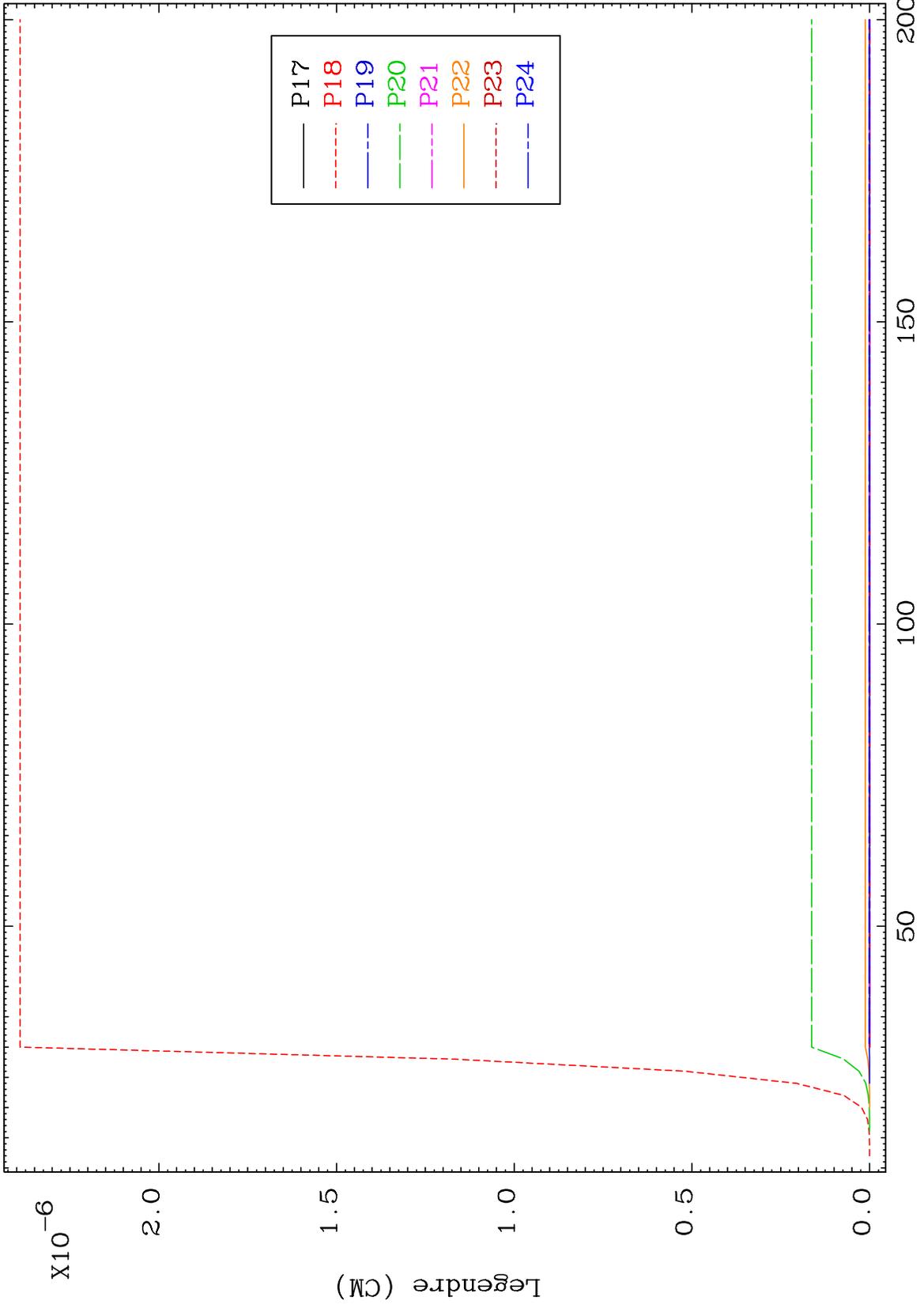


128

Incident Energy (MeV)

42-Mo-93

MAT 4228 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-93

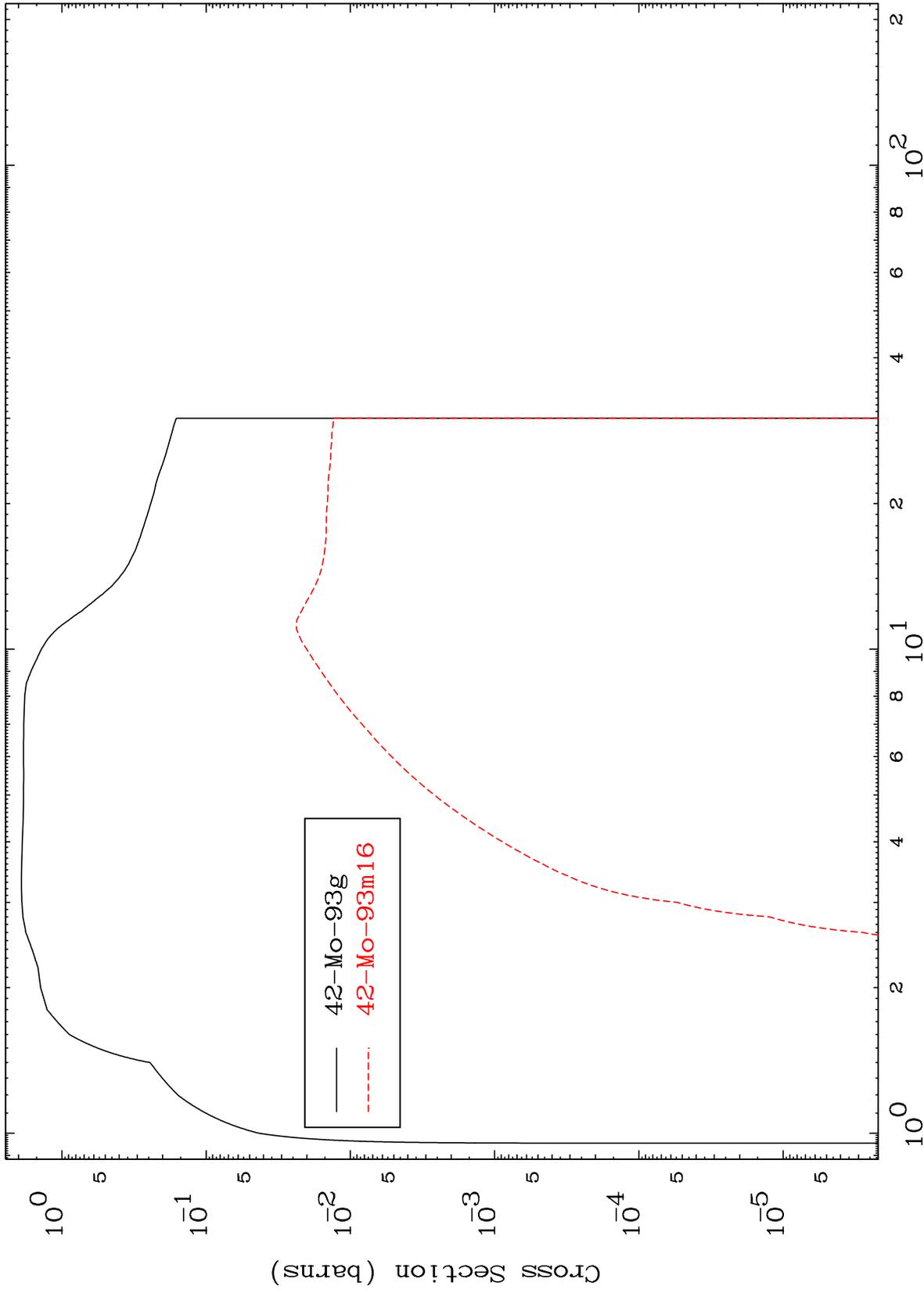


129 42-Mo-93

MAT 4228

42-Mo-93

Inelastic Radionuclide Production Cross Section



130

Incident Energy (MeV)

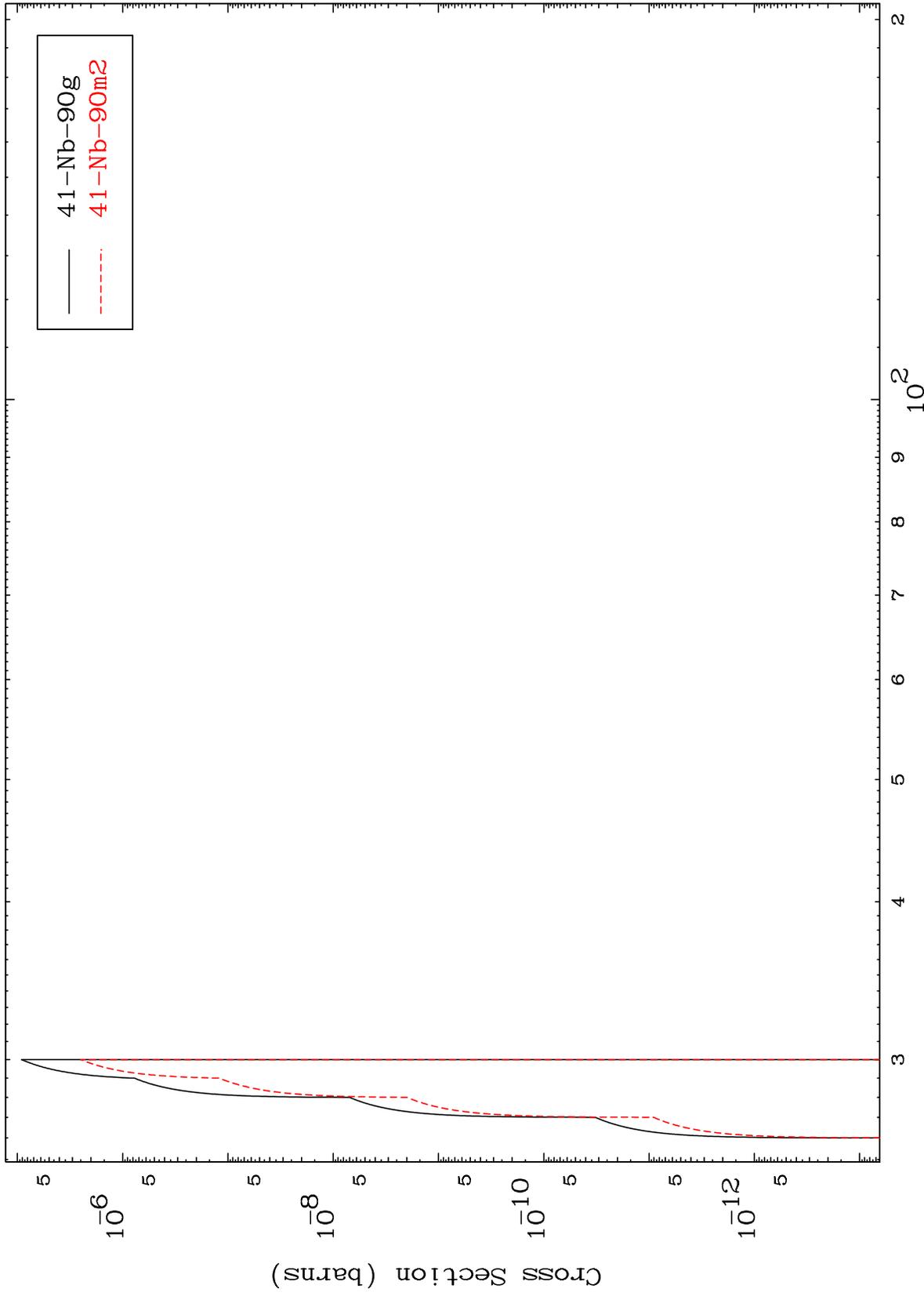
42-Mo-93

MAT 4228

(n,2n) d

42-Mo-93

Radionuclide Production Cross Section



131

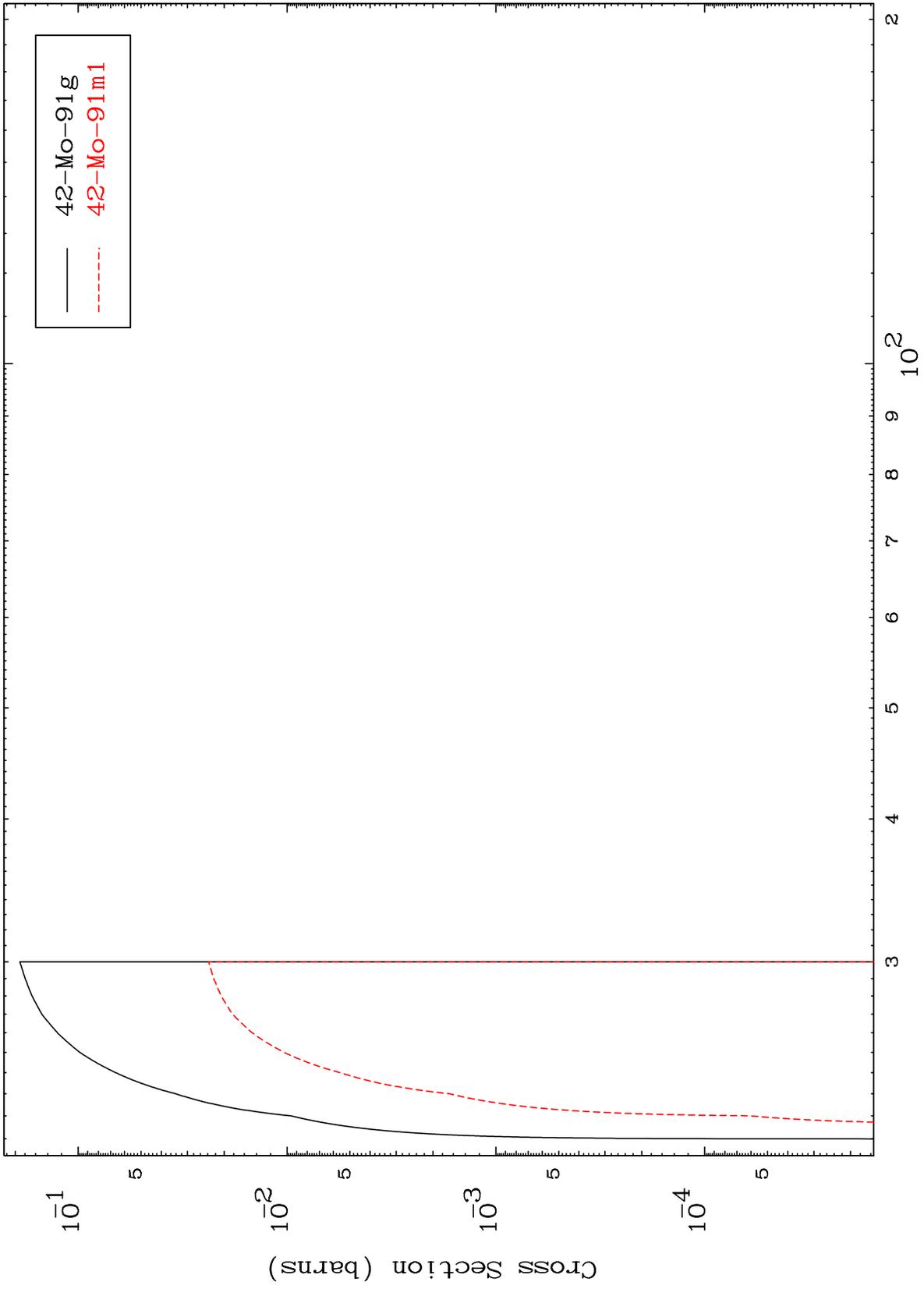
Incident Energy (MeV)

42-Mo-93

MAT 4228

42-Mo-93

(n,3n)
Radionuclide Production Cross Section



132

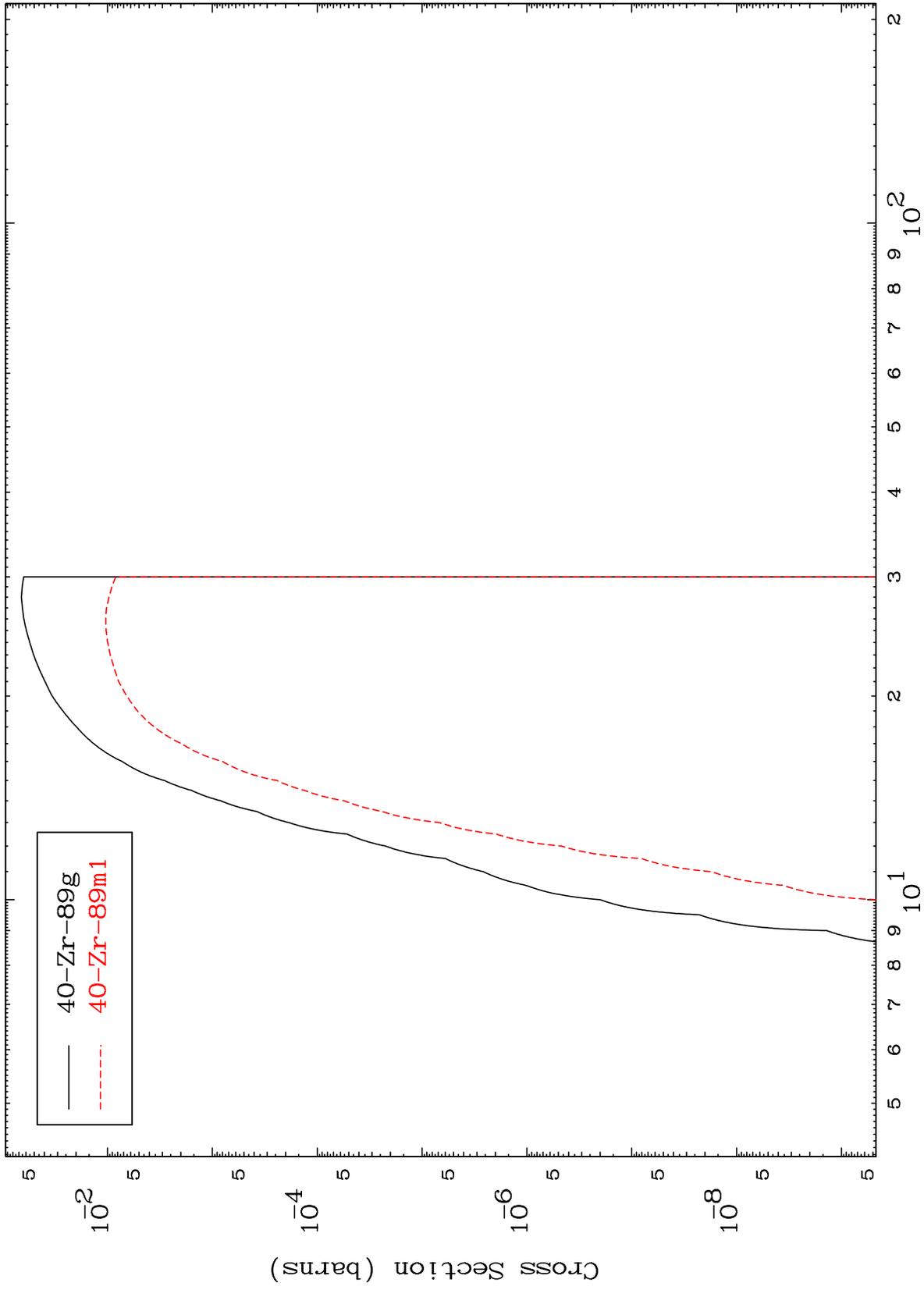
42-Mo-93

MAT 4228

(n,n') α

42-Mo-93

Radionuclide Production Cross Section



133

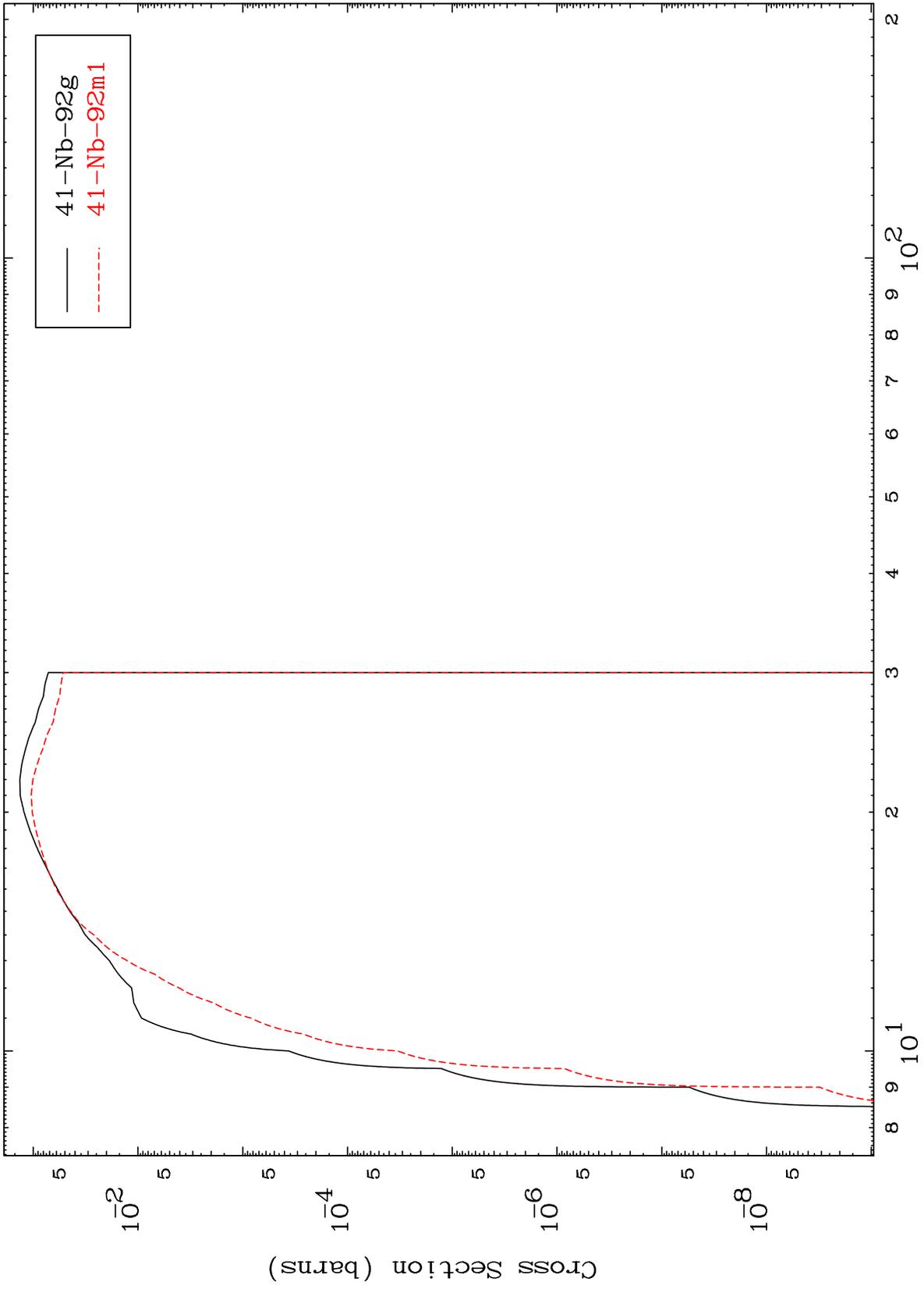
Incident Energy (MeV)

42-Mo-93

MAT 4228

42-Mo-93

(n,n') p
Radionuclide Production Cross Section



134

Incident Energy (MeV)

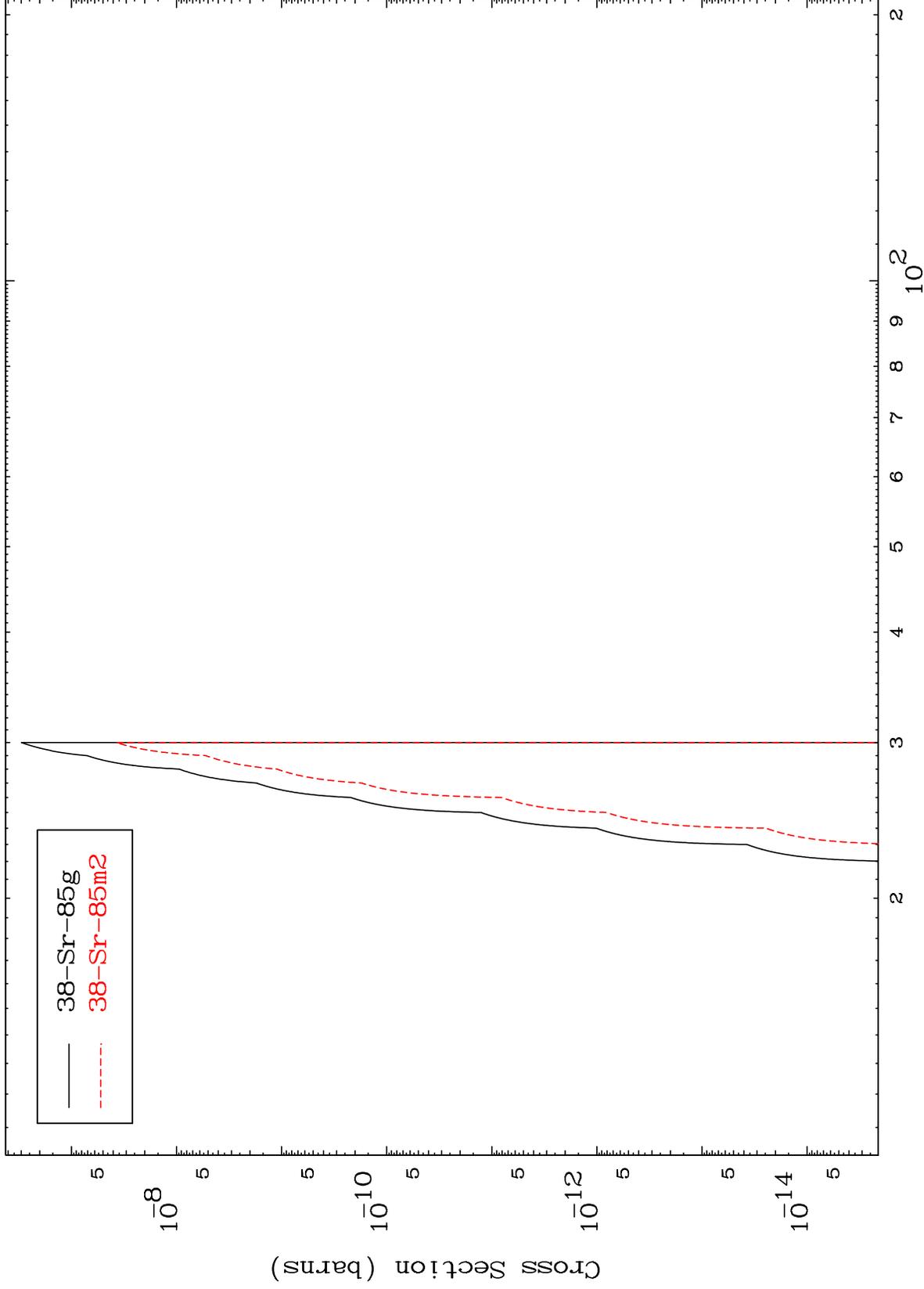
42-Mo-93

MAT 4228

(n,n') 2α

42-Mo-93

Radionuclide Production Cross Section

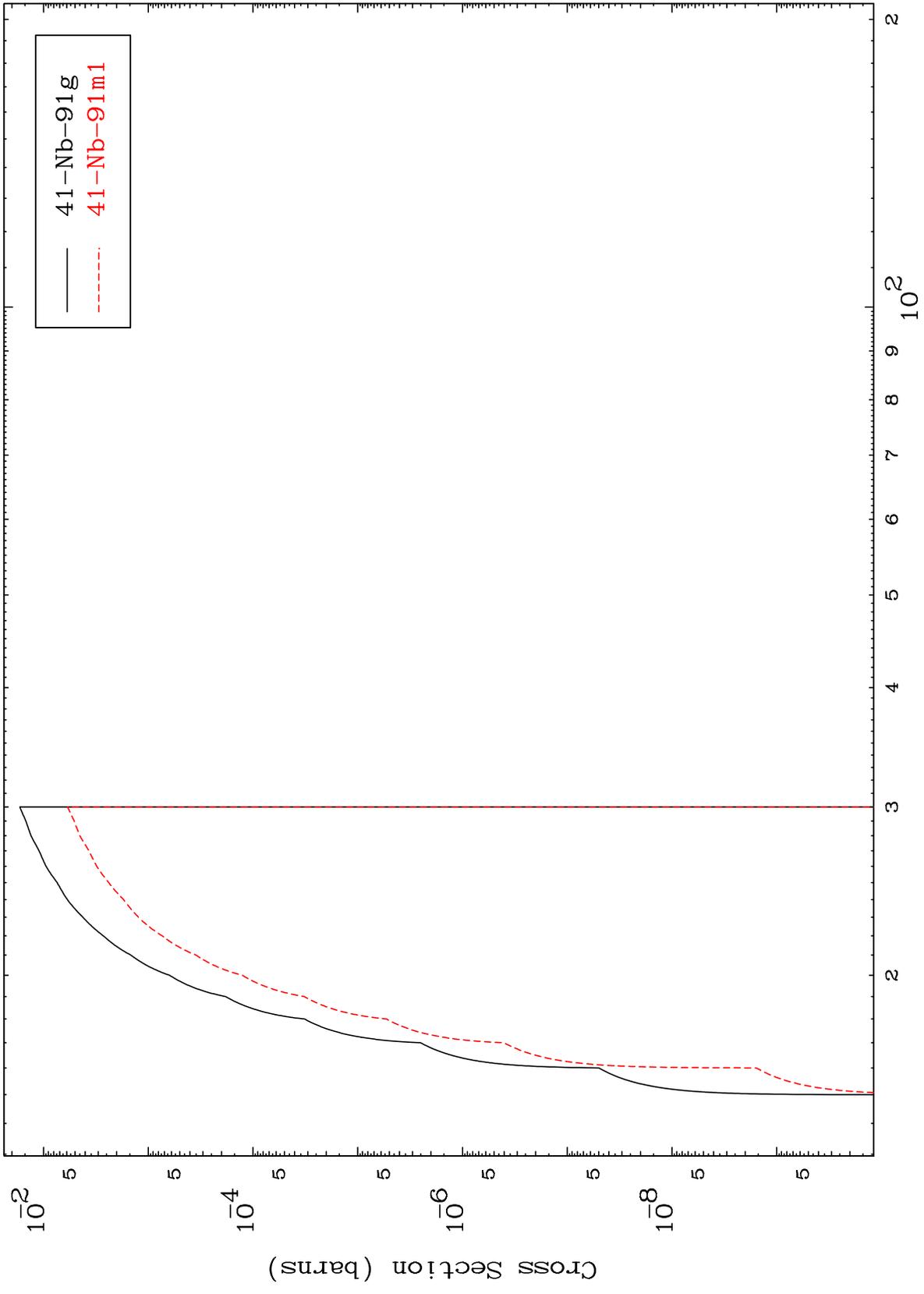


135

Incident Energy (MeV)

42-Mo-93

Radionuclide Production Cross Section

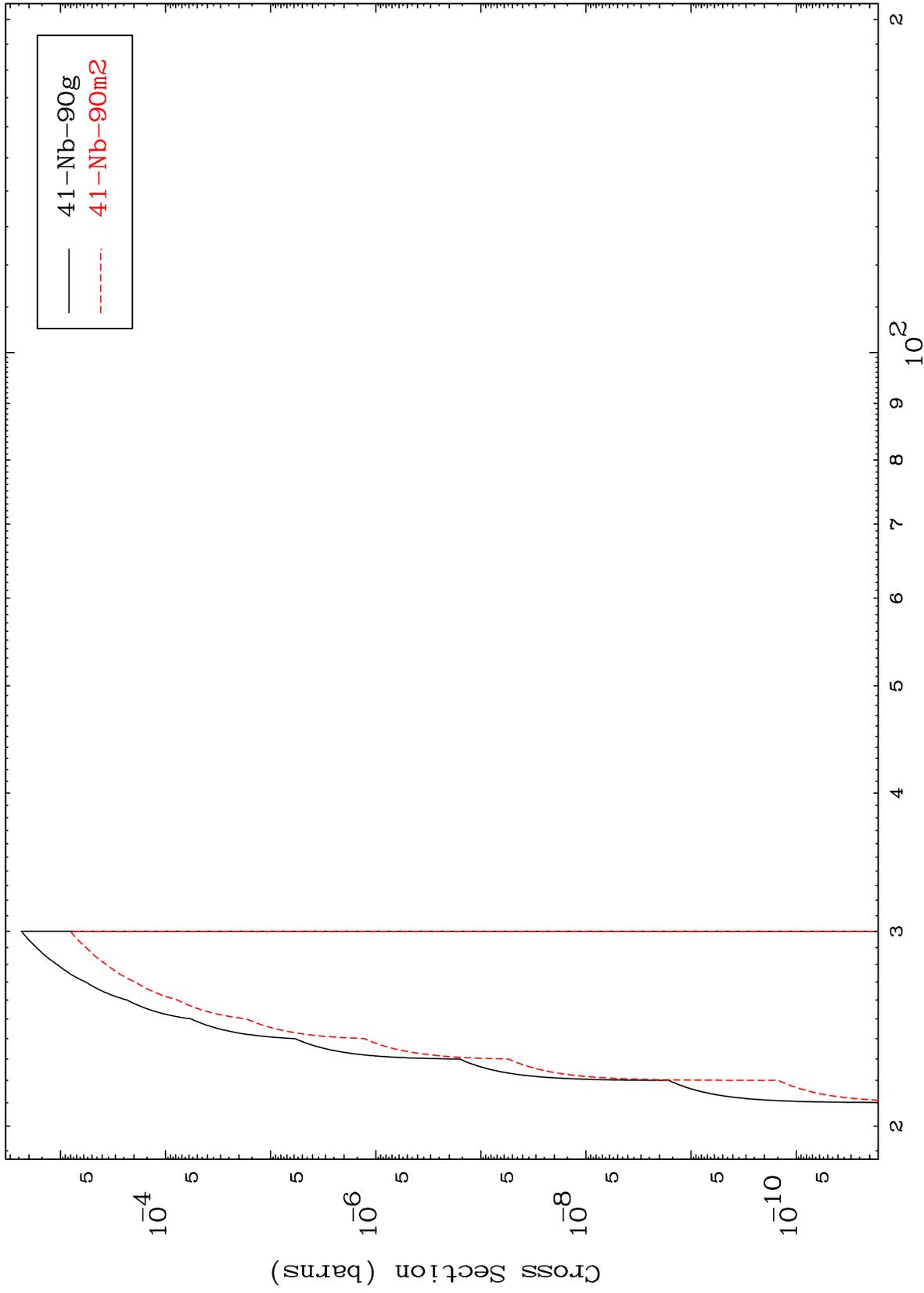


MAT 4228

(n,n') t

42-Mo-93

Radionuclide Production Cross Section

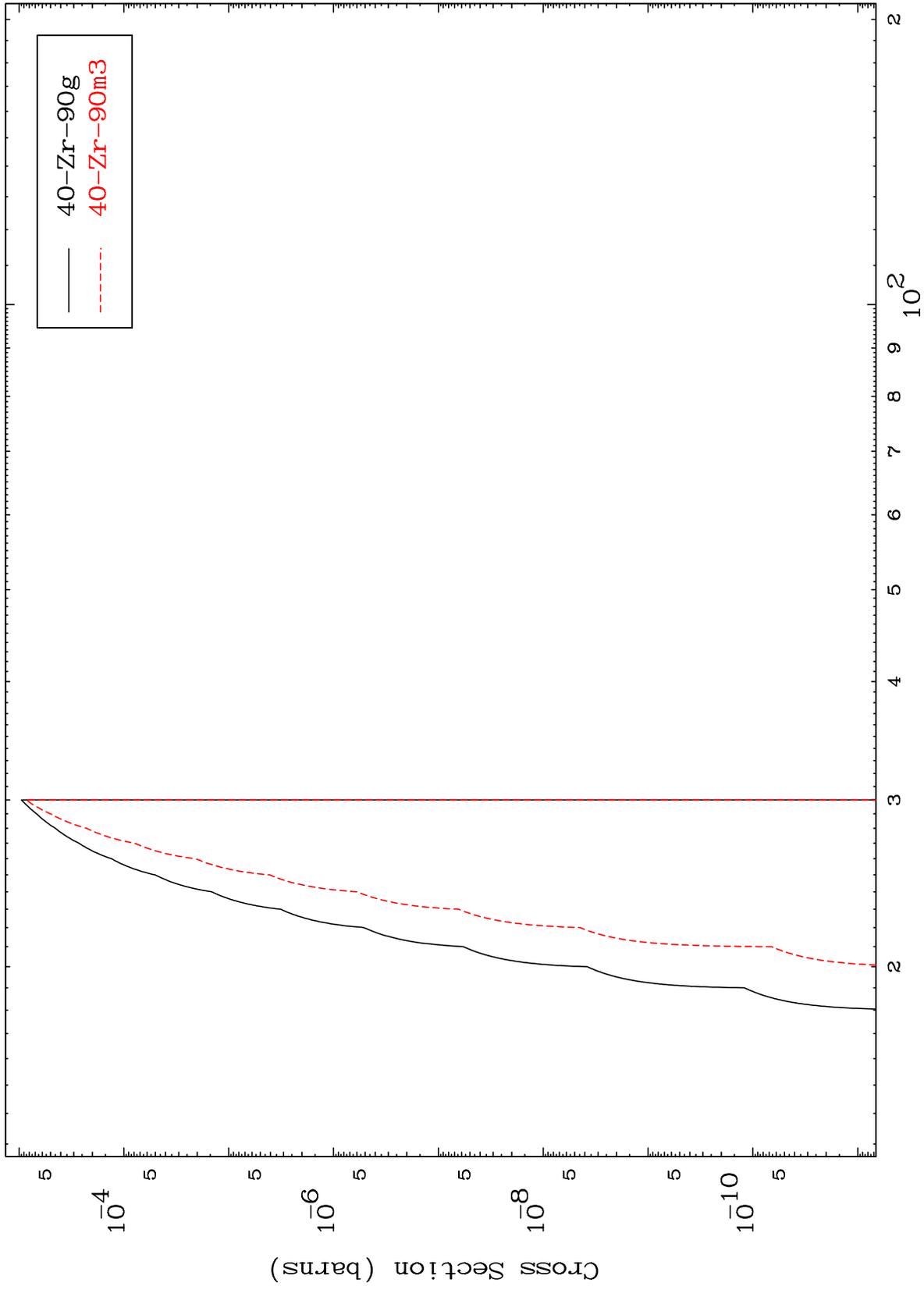


137

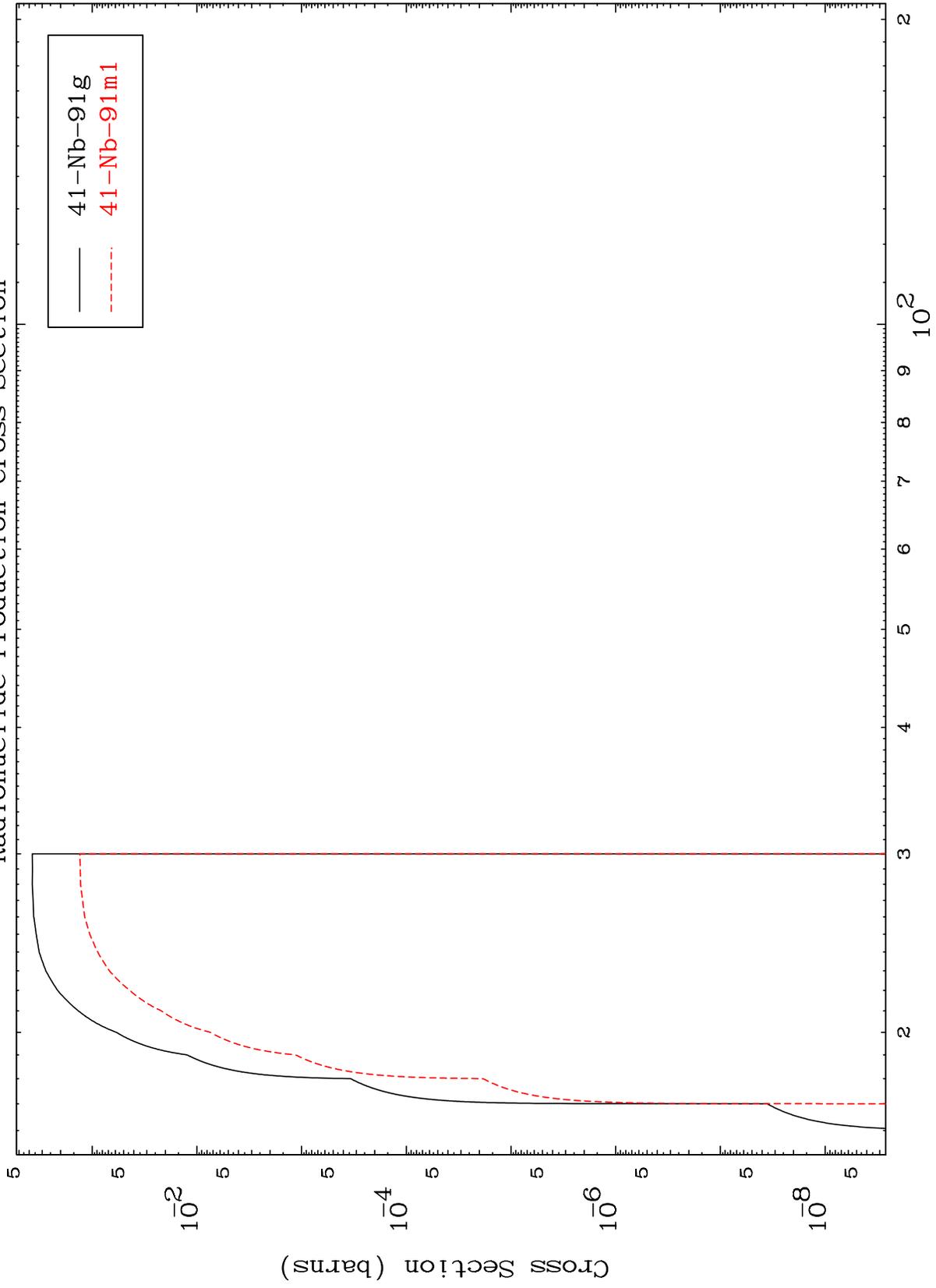
Incident Energy (MeV)

42-Mo-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

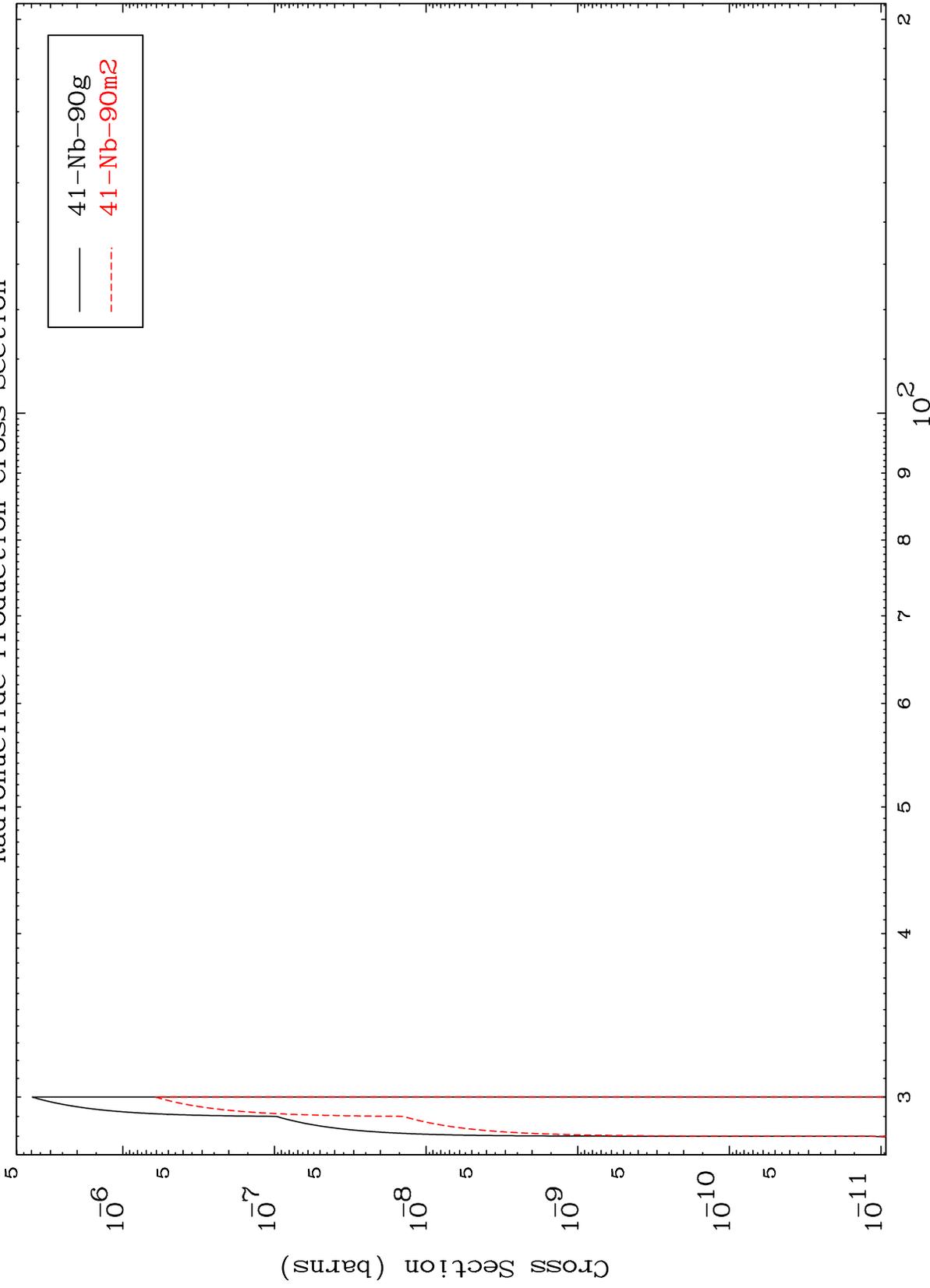


MAT 4228

(n,3n) p

42-Mo-93

Radionuclide Production Cross Section



140

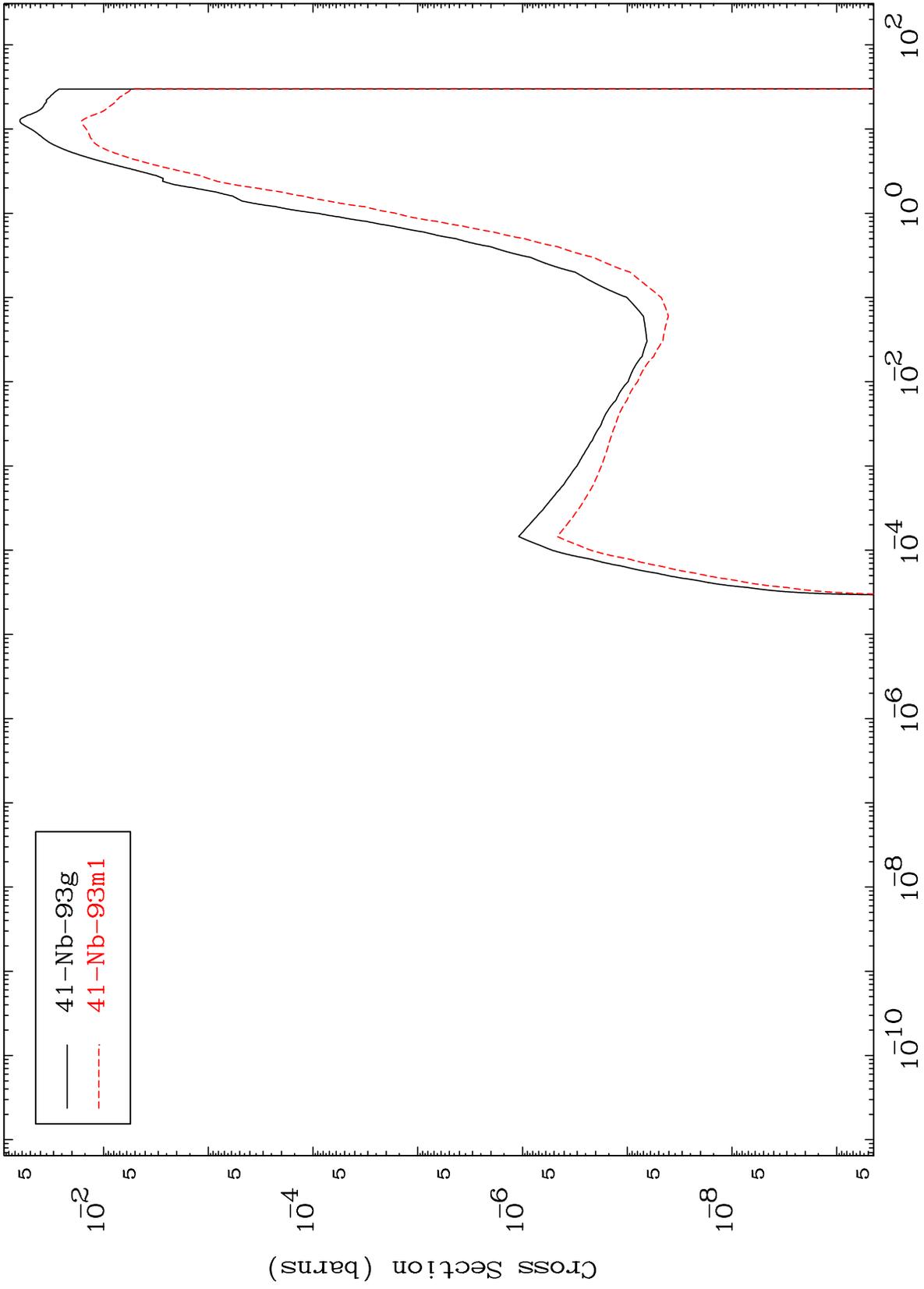
Incident Energy (MeV)

42-Mo-93

MAT 4228

Radionuclide Production Cross Section
(n,p)

42-Mo-93



141

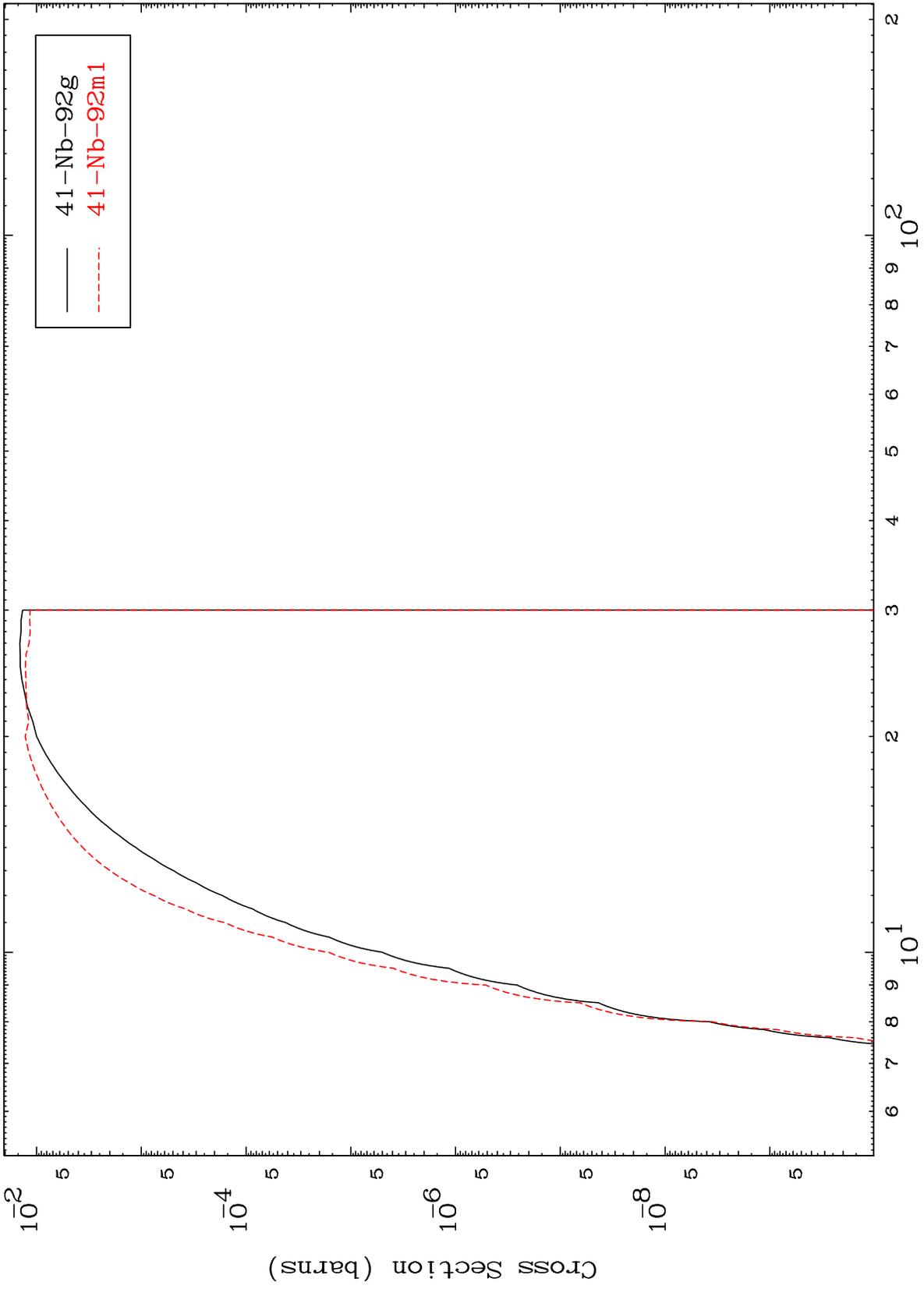
Incident Energy (MeV)

42-Mo-93

MAT 4228

42-Mo-93

(n,d)
Radionuclide Production Cross Section



142

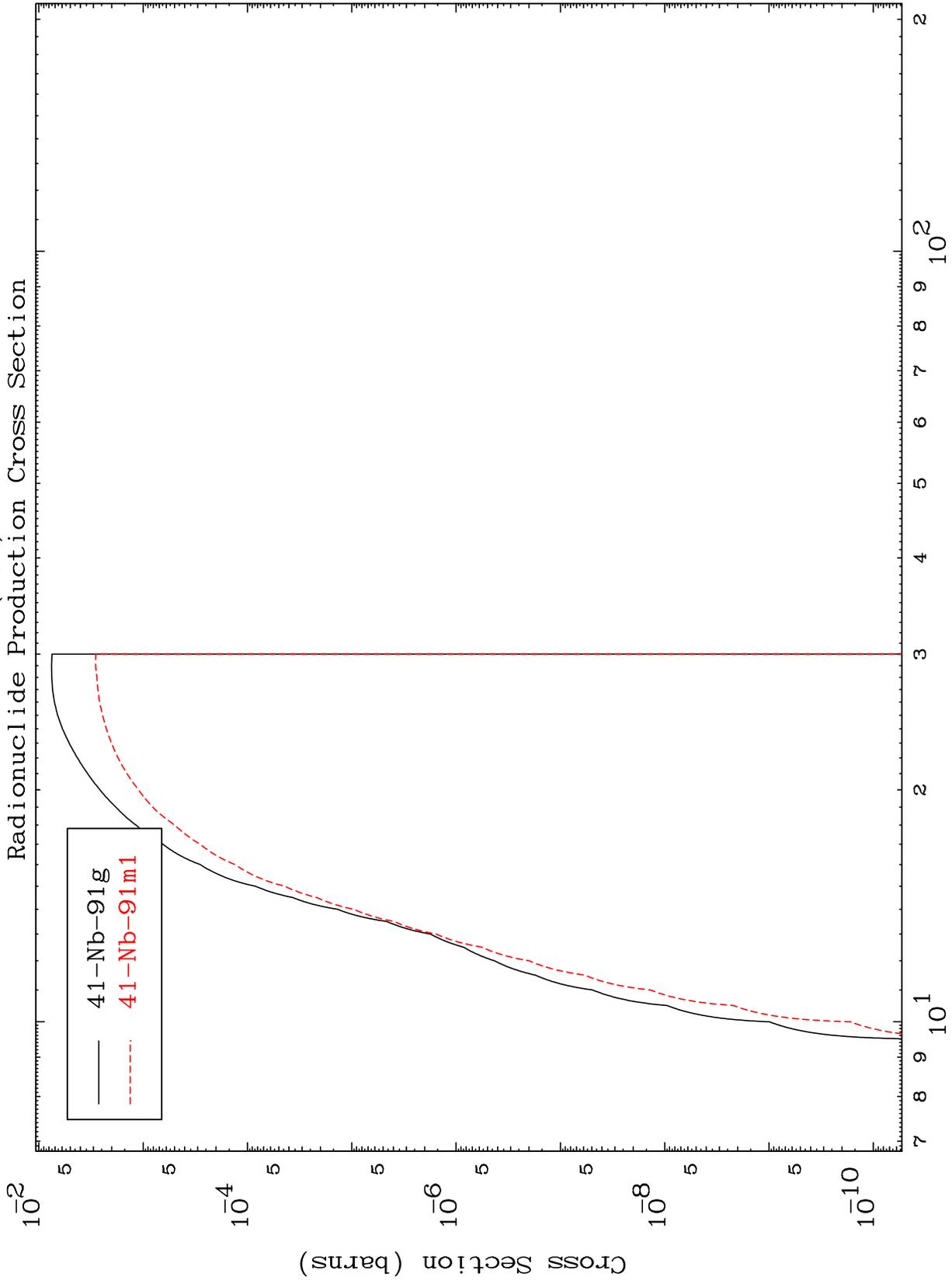
Incident Energy (MeV)

42-Mo-93

MAT 4228

42-Mo-93

Radionuclide Production Cross Section
(n, t)



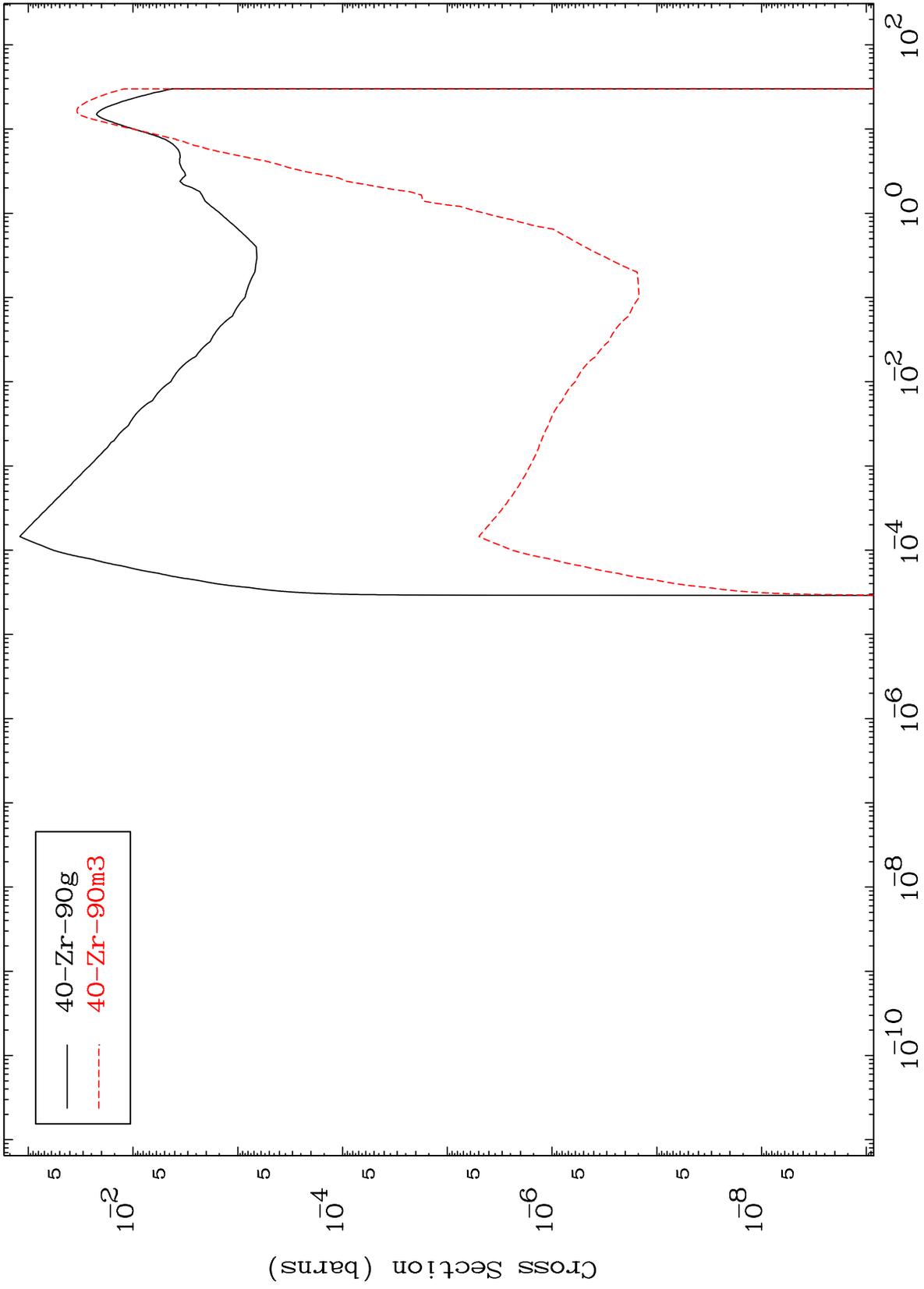
143

42-Mo-93

MAT 4228

42-Mo-93

Radionuclide Production Cross Section
(n, α)



144

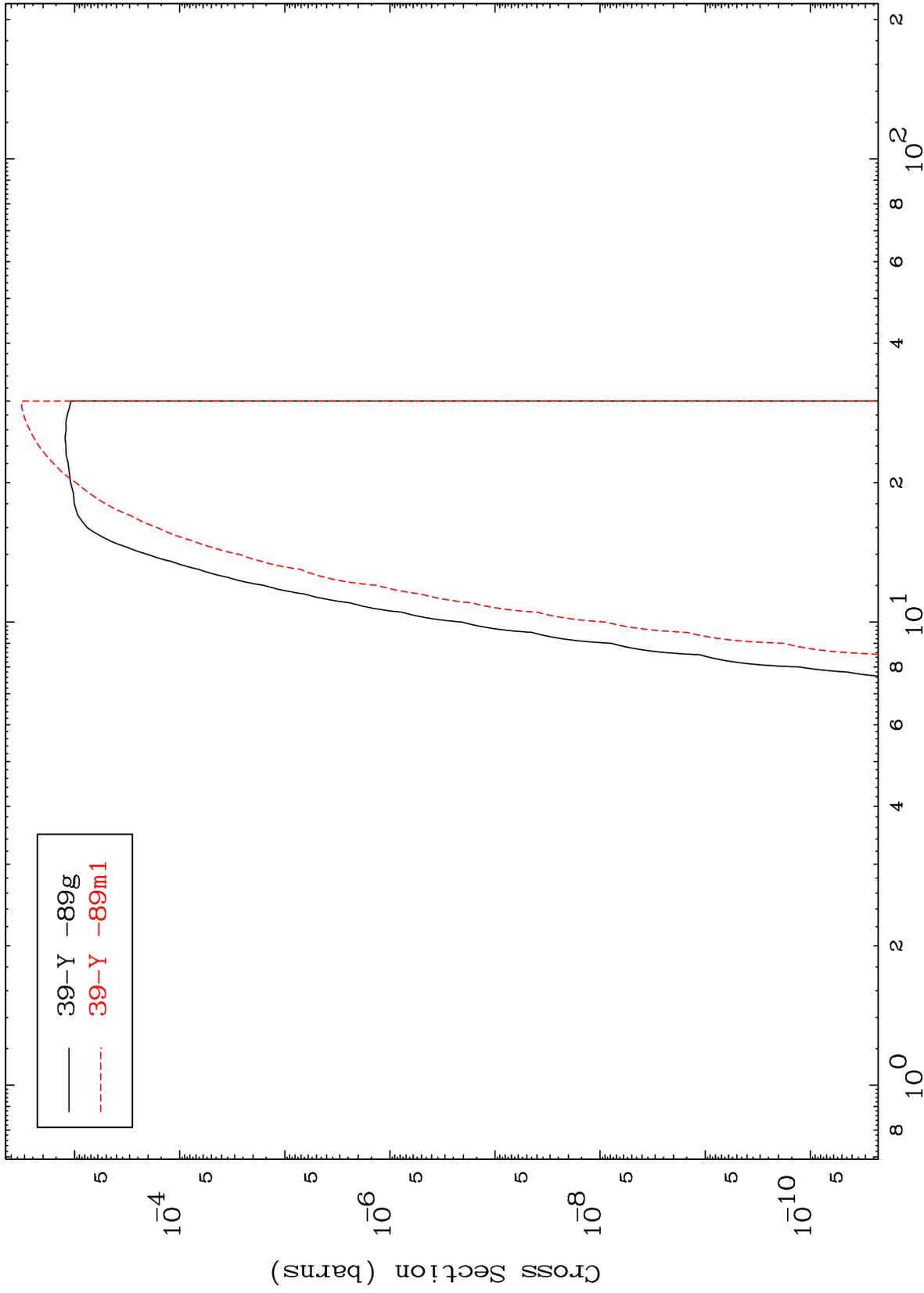
42-Mo-93

MAT 4228

(n,p) α

42-Mo-93

Radionuclide Production Cross Section



145

Incident Energy (MeV)

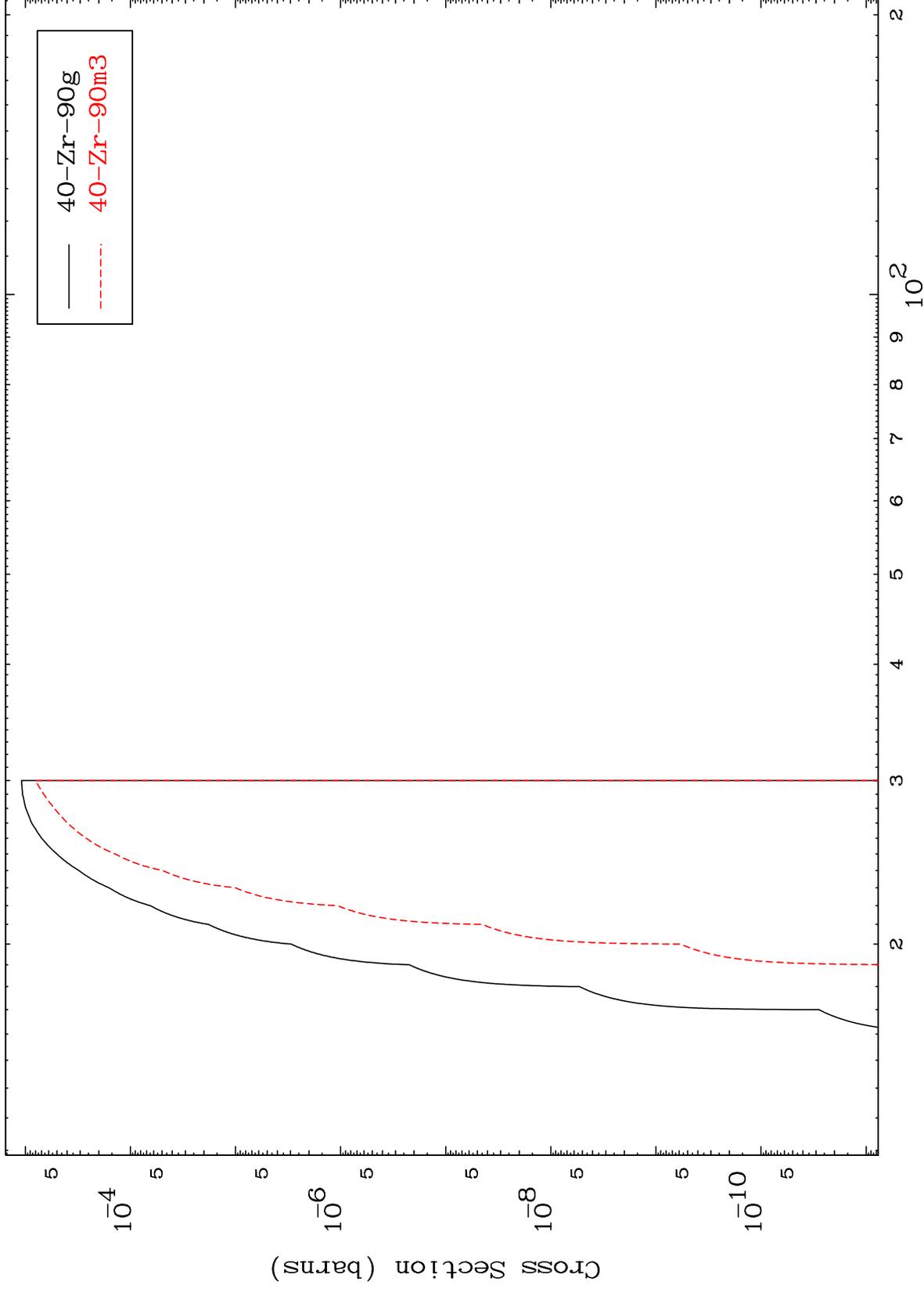
42-Mo-93

MAT 4228

(n,p) t

42-Mo-93

Radionuclide Production Cross Section



40-Zr-90g
40-Zr-90m3

146

Incident Energy (MeV)

42-Mo-93