

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

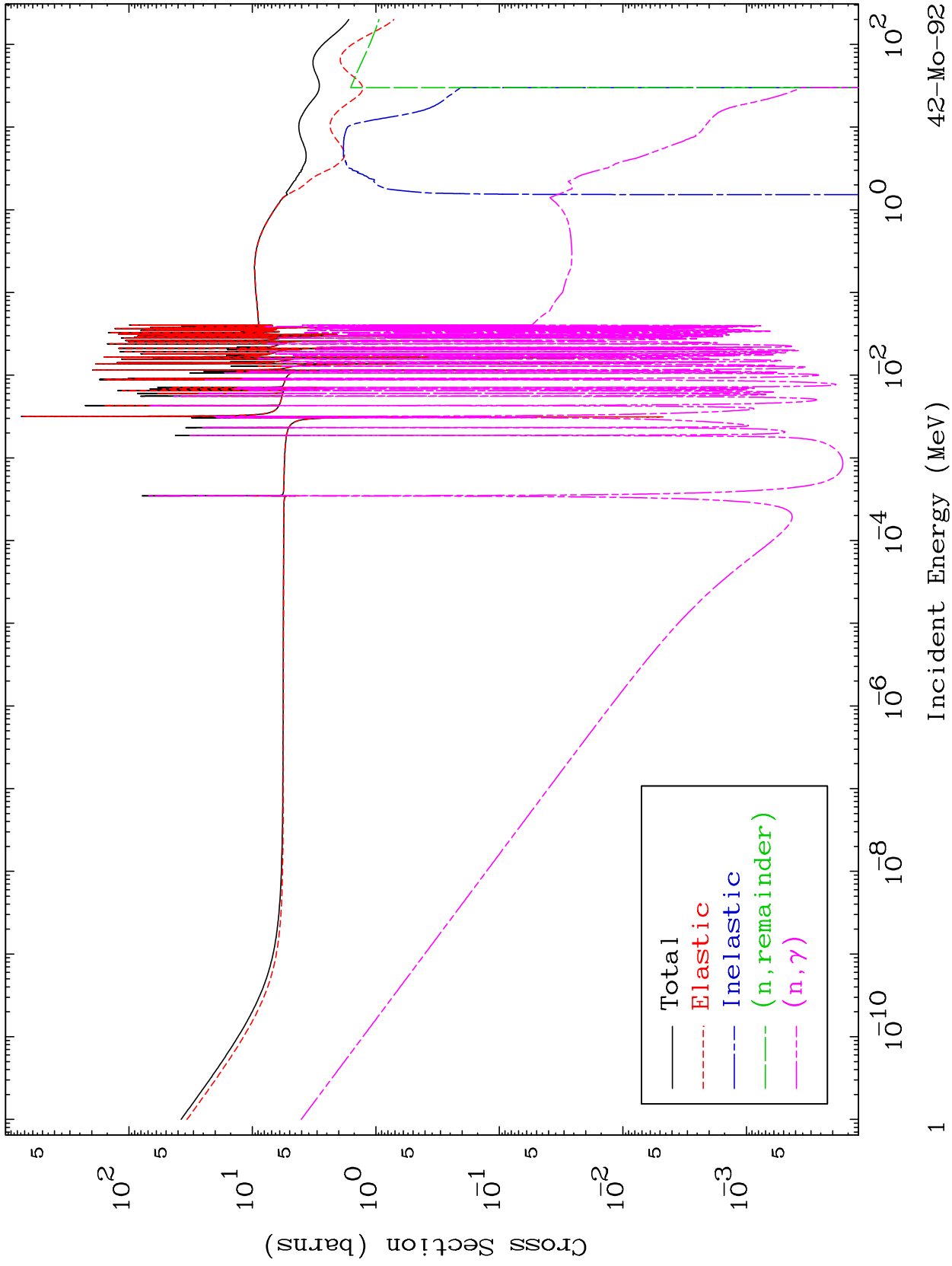
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4225

Major
293 Kelvin Cross Sections

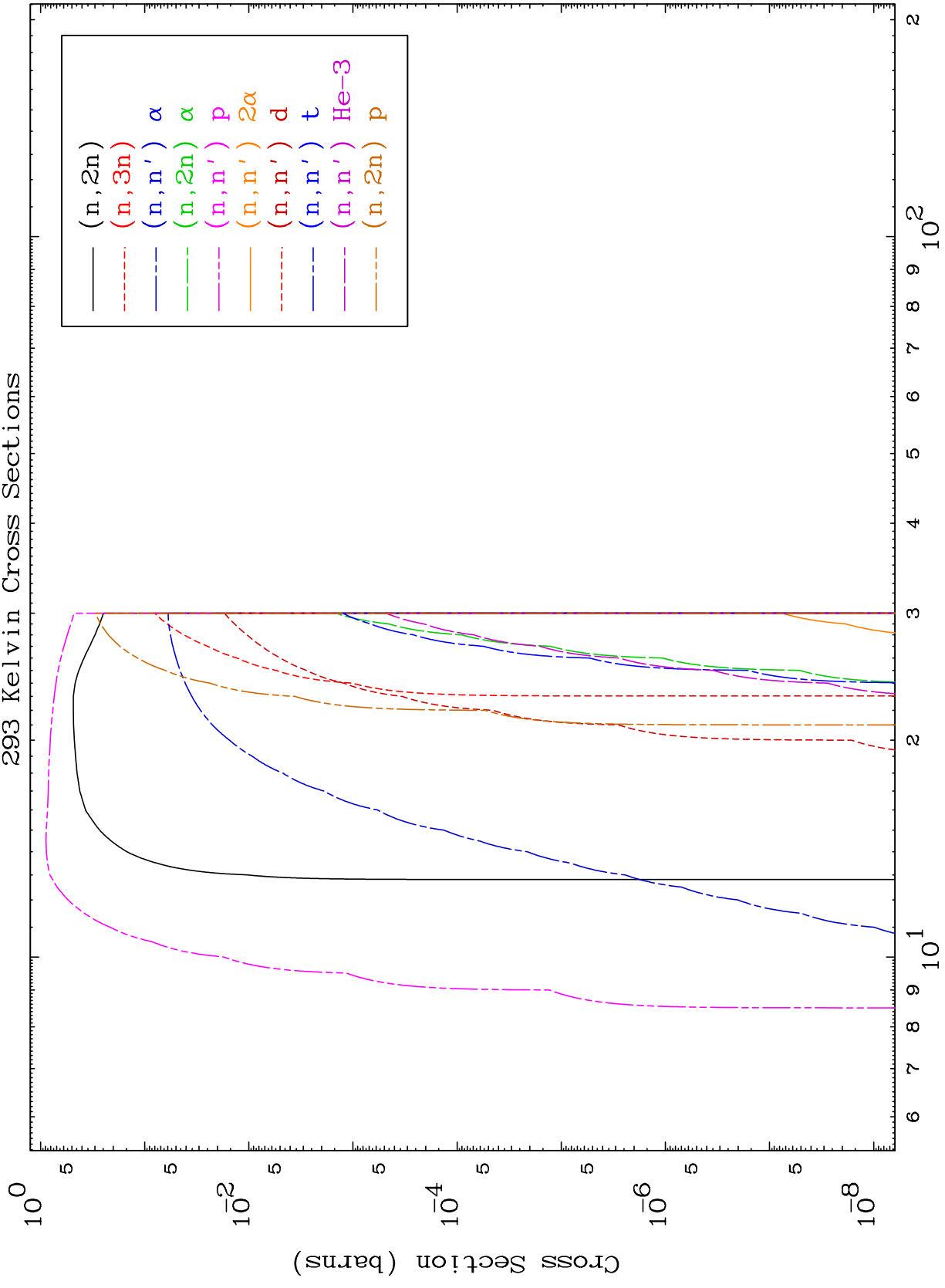
42-Mo-92



MAT 4225

Neutron Production
293 Kelvin Cross Sections

42-Mo-92



2

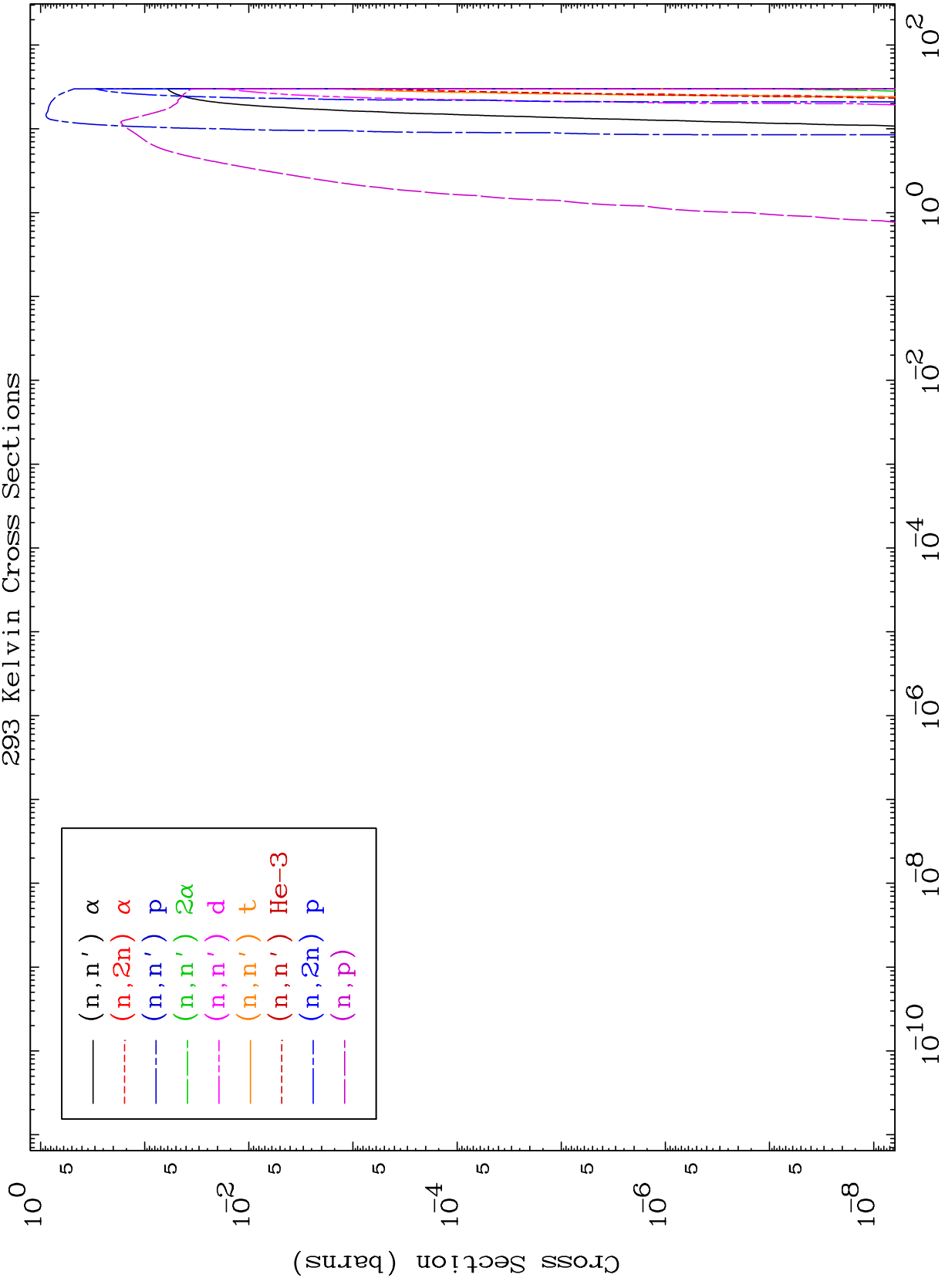
Incident Energy (MeV)

42-Mo-92

MAT 4225

Charged Particle
293 Kelvin Cross Sections

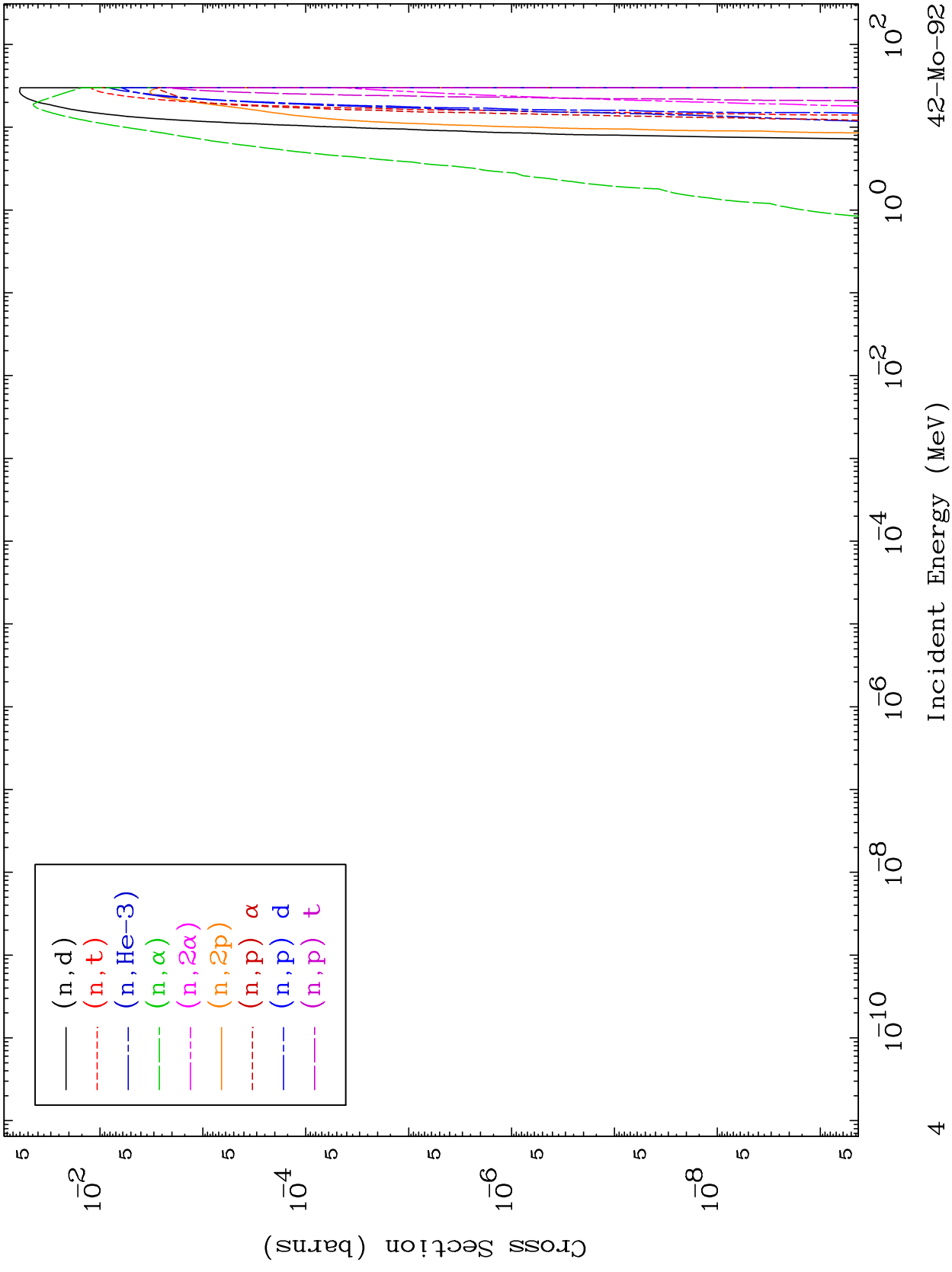
42-Mo-92

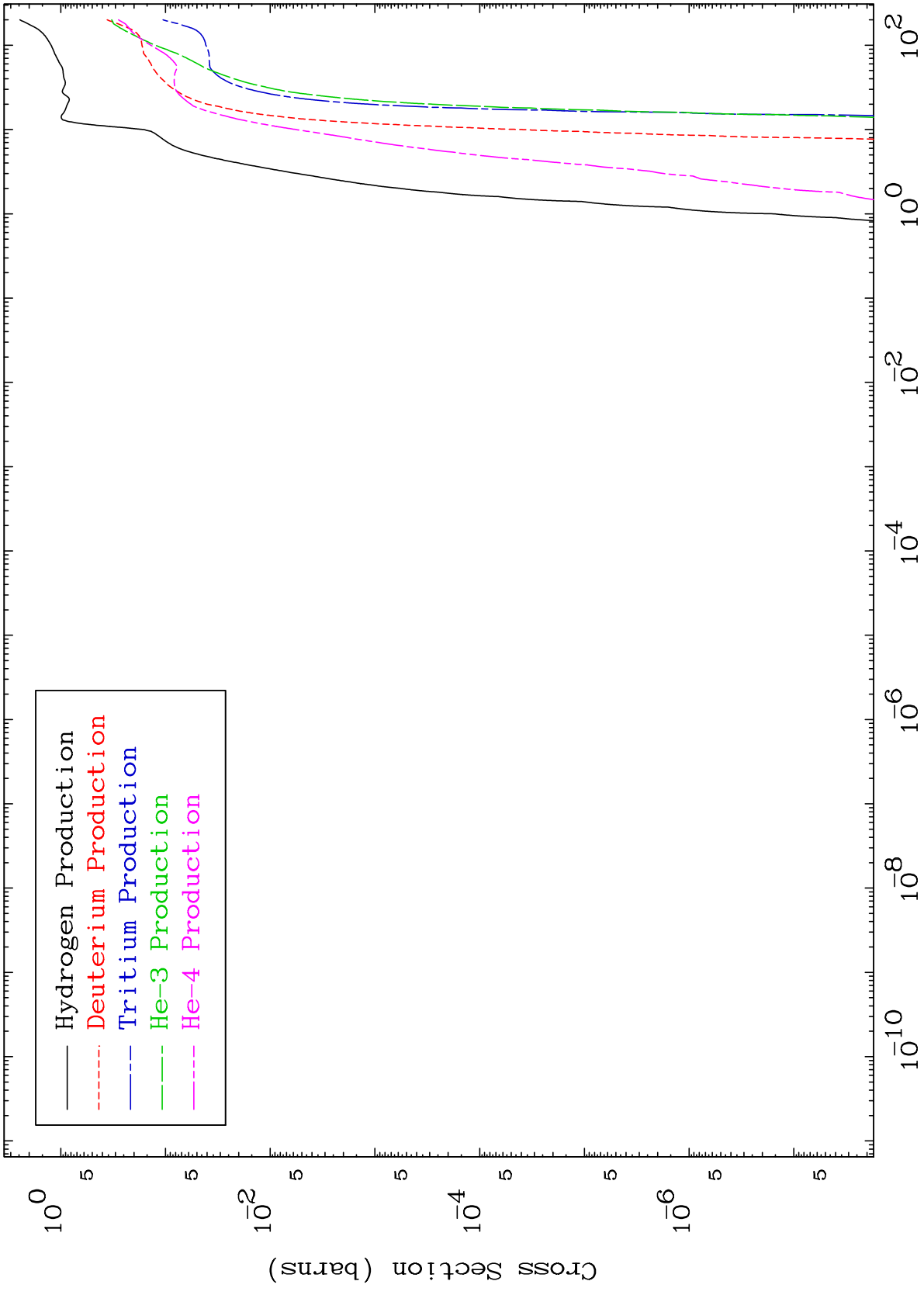


MAT 4225

Charged Particle
293 Kelvin Cross Sections

42-Mo-92



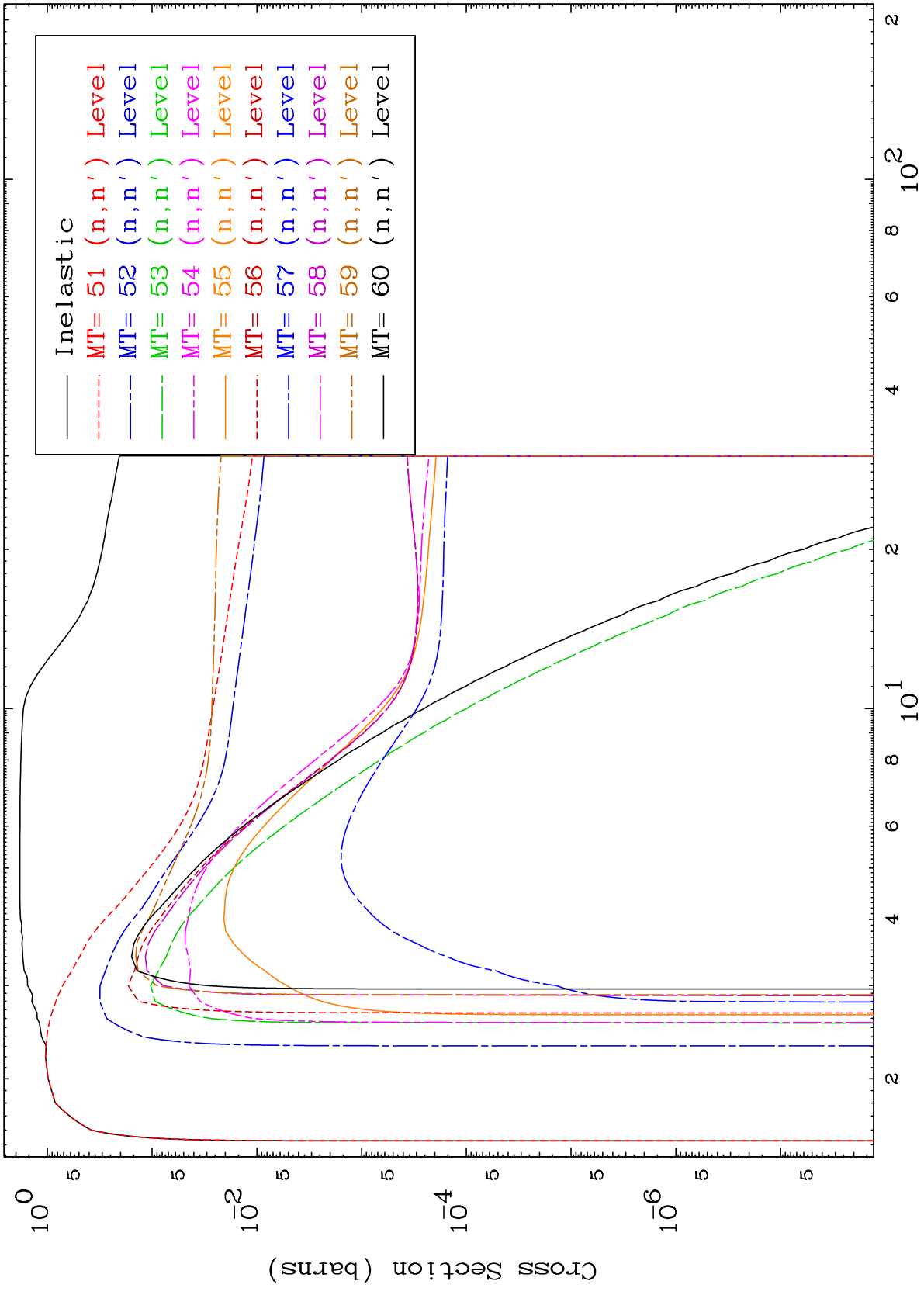


MAT 4225

(n,n') Level

42-Mo-92

293 Kelvin Cross Sections



6

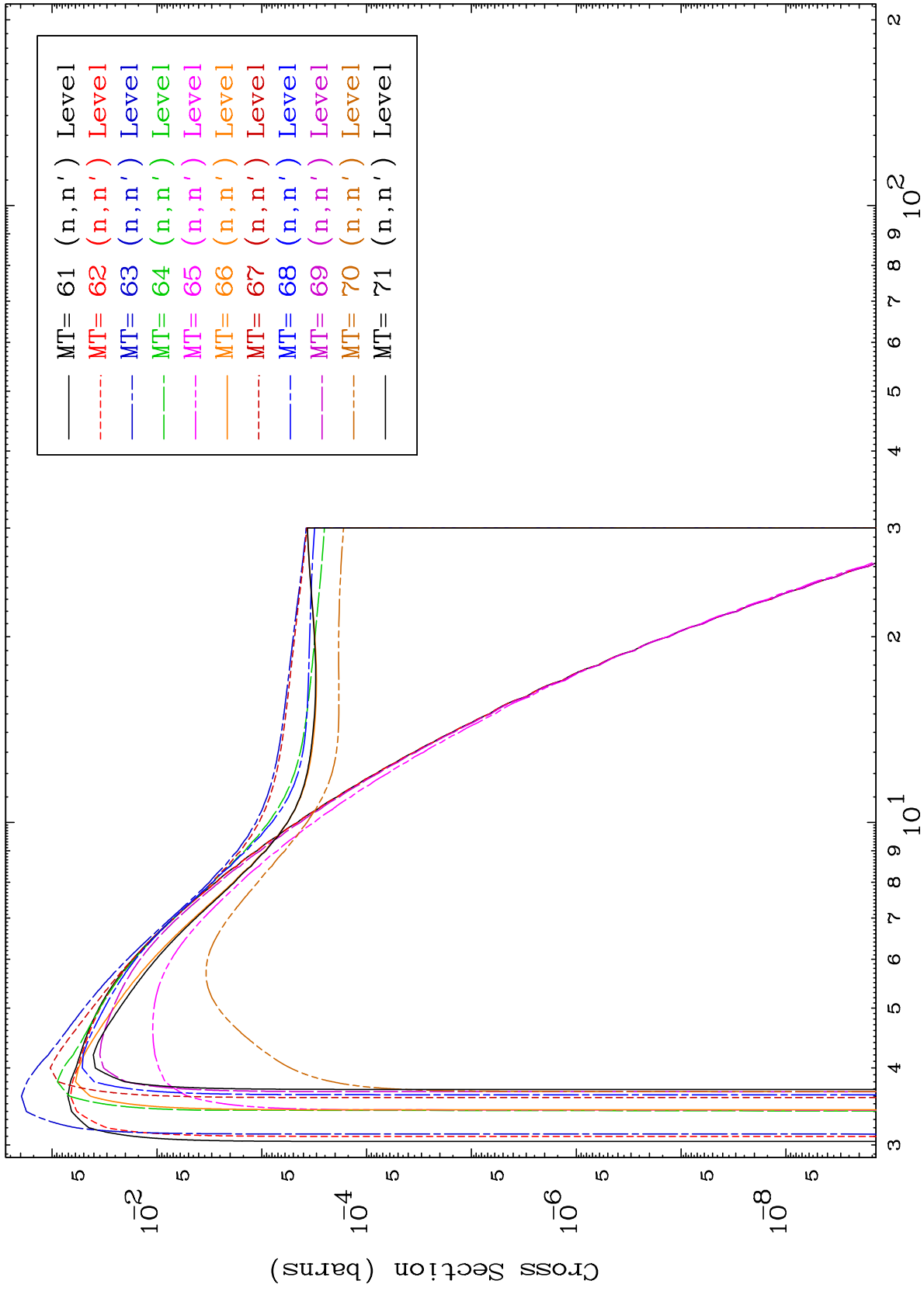
Incident Energy (MeV)

42-Mo-92

MAT 4225

(n,n') Level
293 Kelvin Cross Sections

42-Mo-92



7

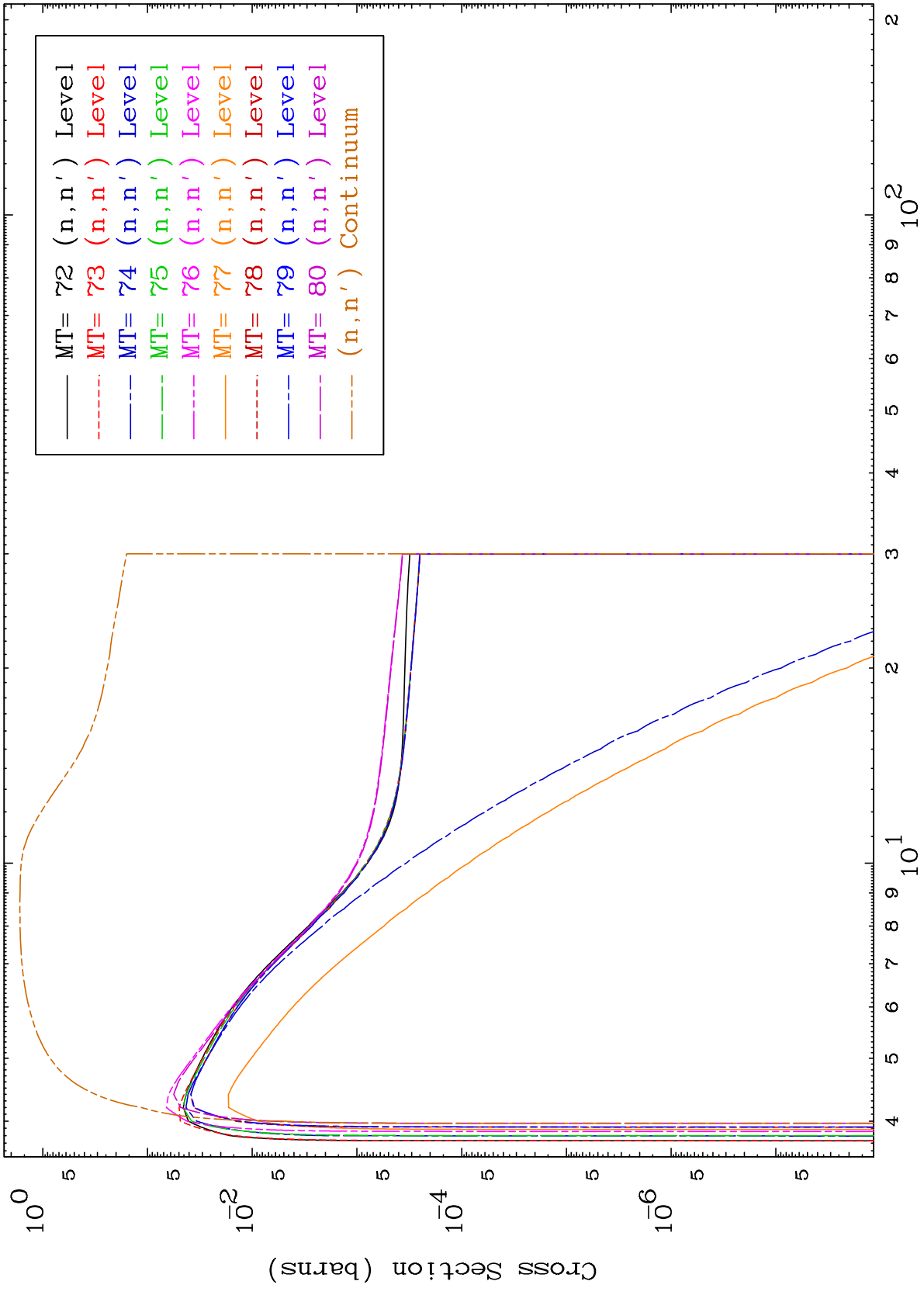
Incident Energy (MeV)

42-Mo-92

MAT 4225

(n,n') Level
293 Kelvin Cross Sections

42-Mo-92



8

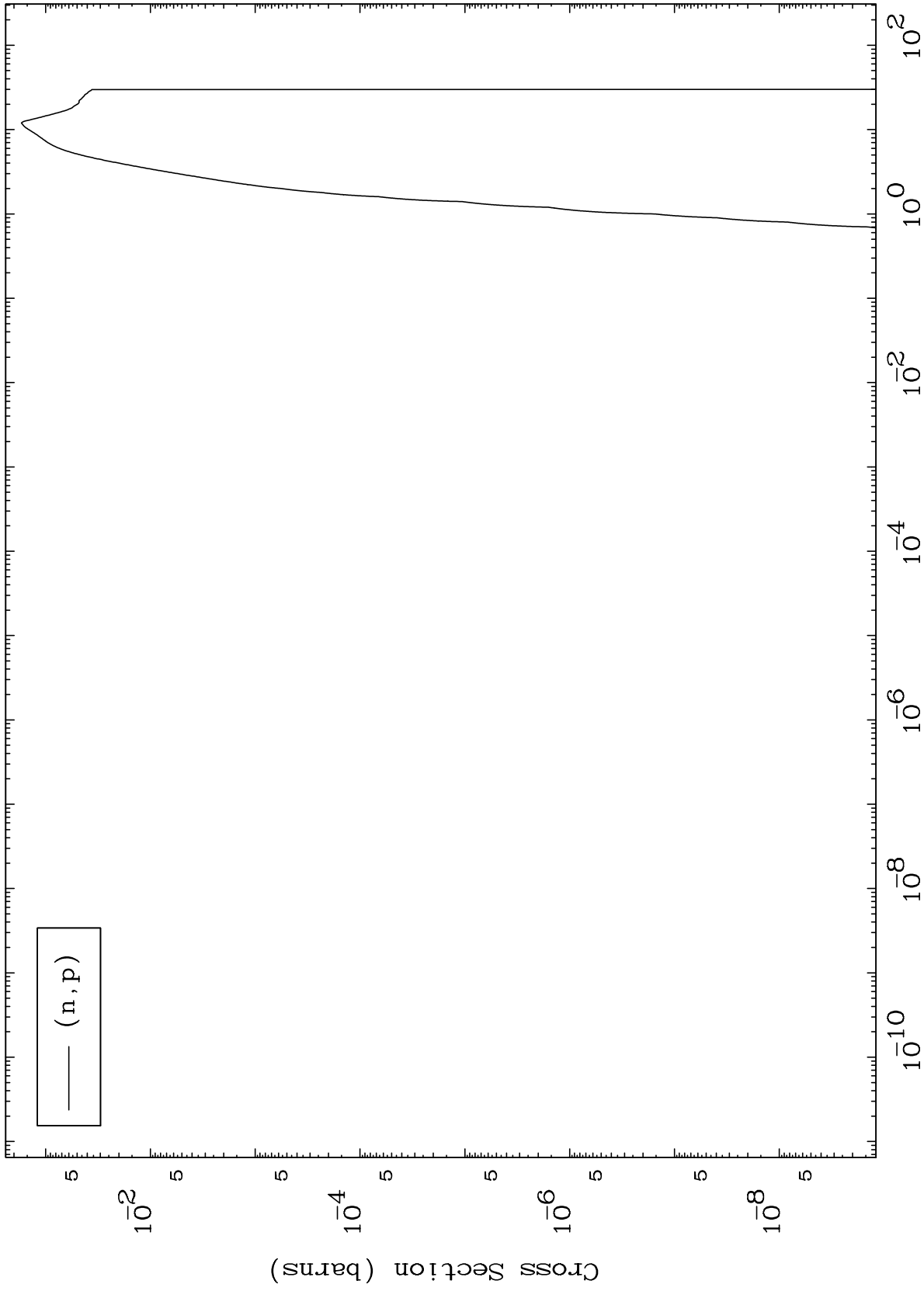
Incident Energy (MeV)

42-Mo-92

MAT 4225

(n,p) Levels
293 Kelvin Cross Sections

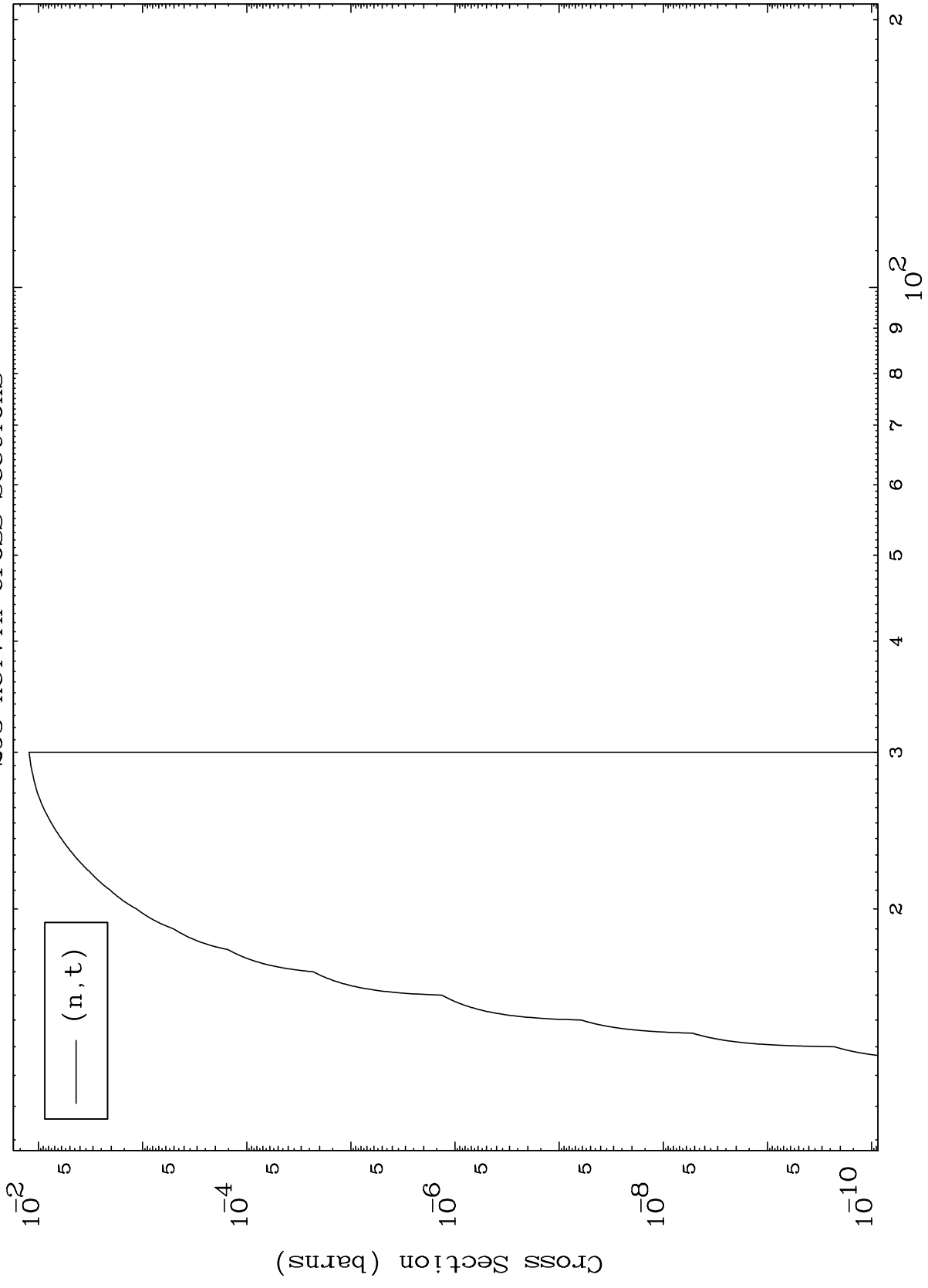
42-Mo-92



MAT 4225

(n,t) Levels
293 Kelvin Cross Sections

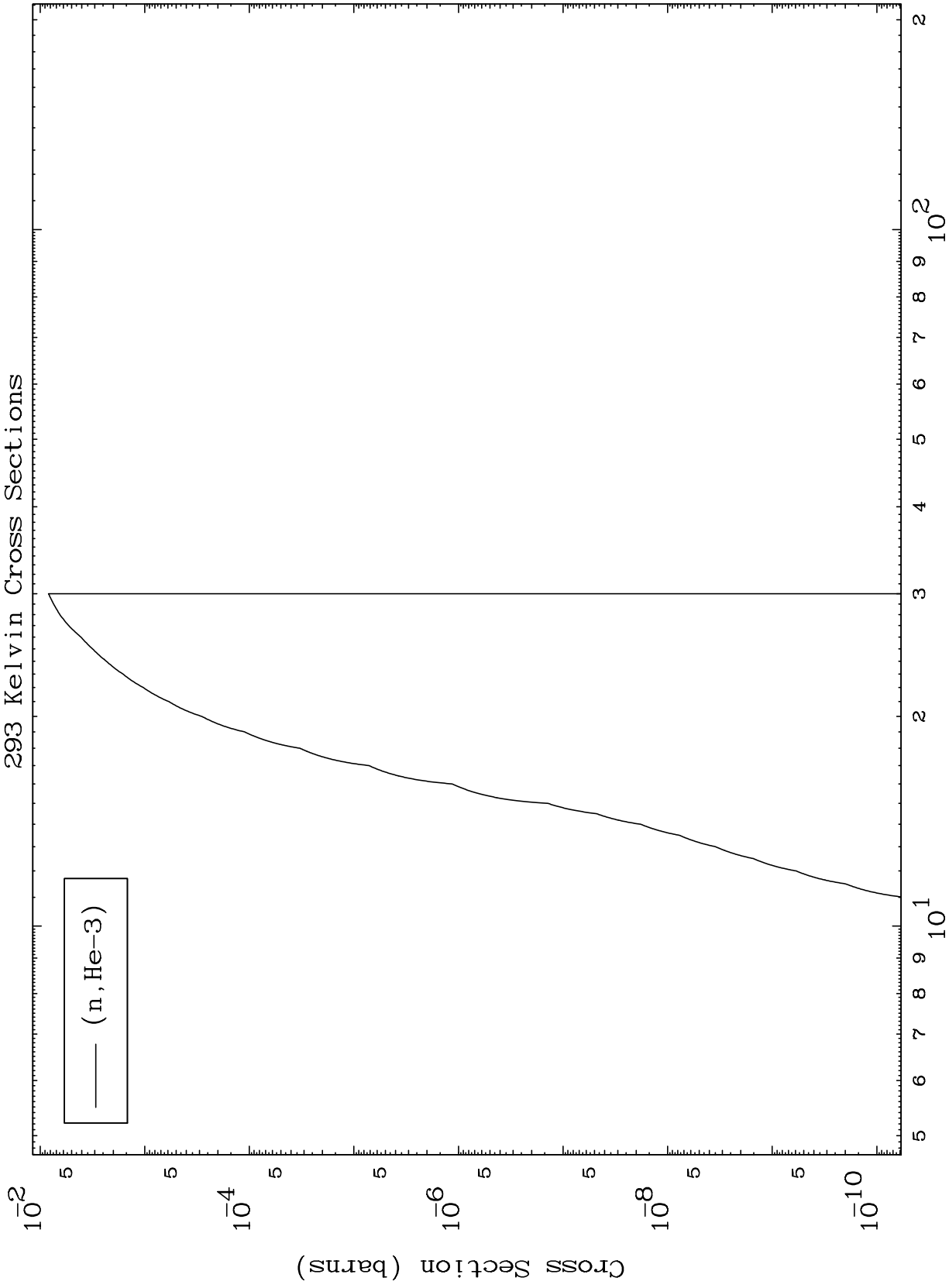
42-Mo-92



MAT 4225

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-92



12

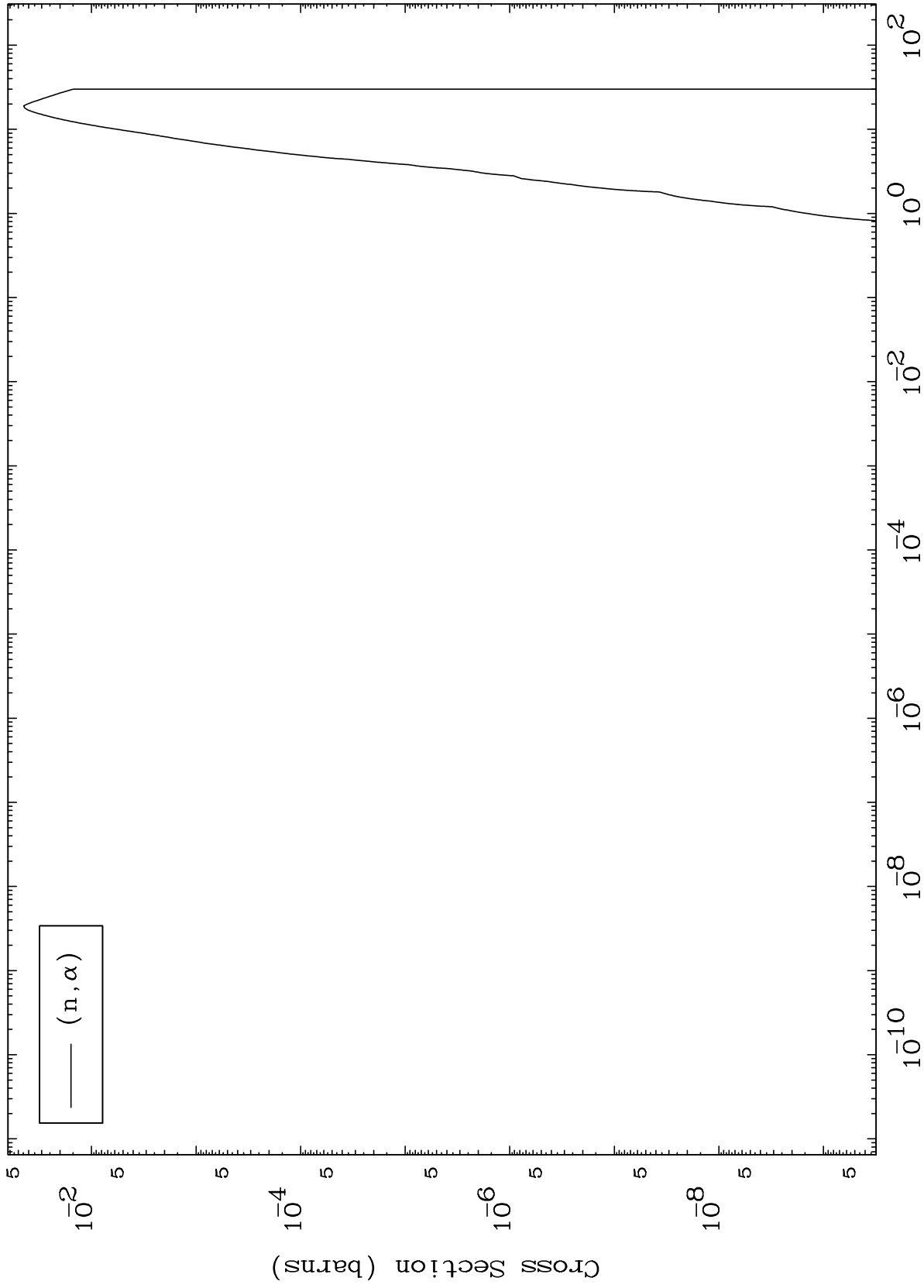
Incident Energy (MeV)

42-Mo-92

MAT 4225

(n,α) Levels
293 Kelvin Cross Sections

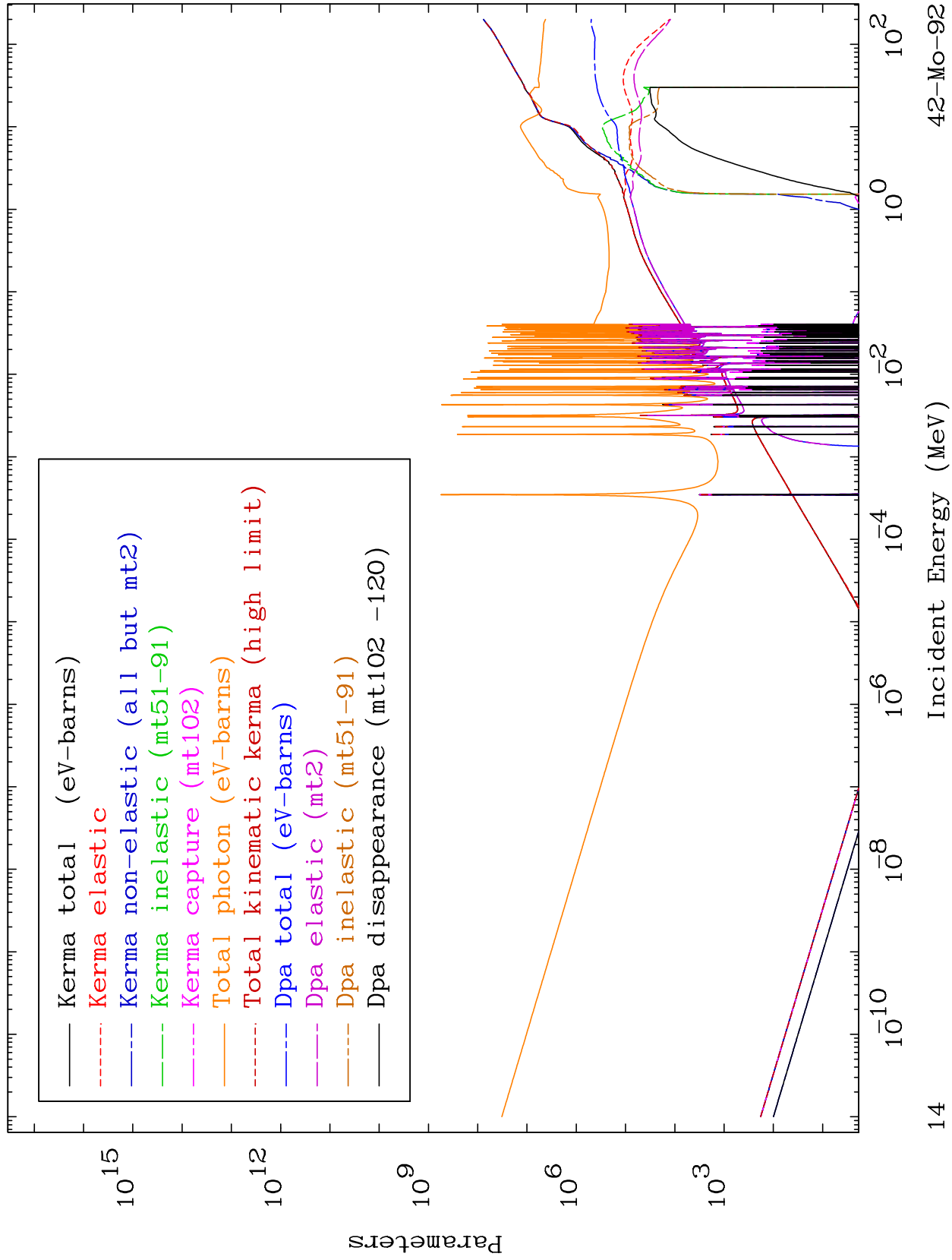
42-Mo-92



13

Incident Energy (MeV)

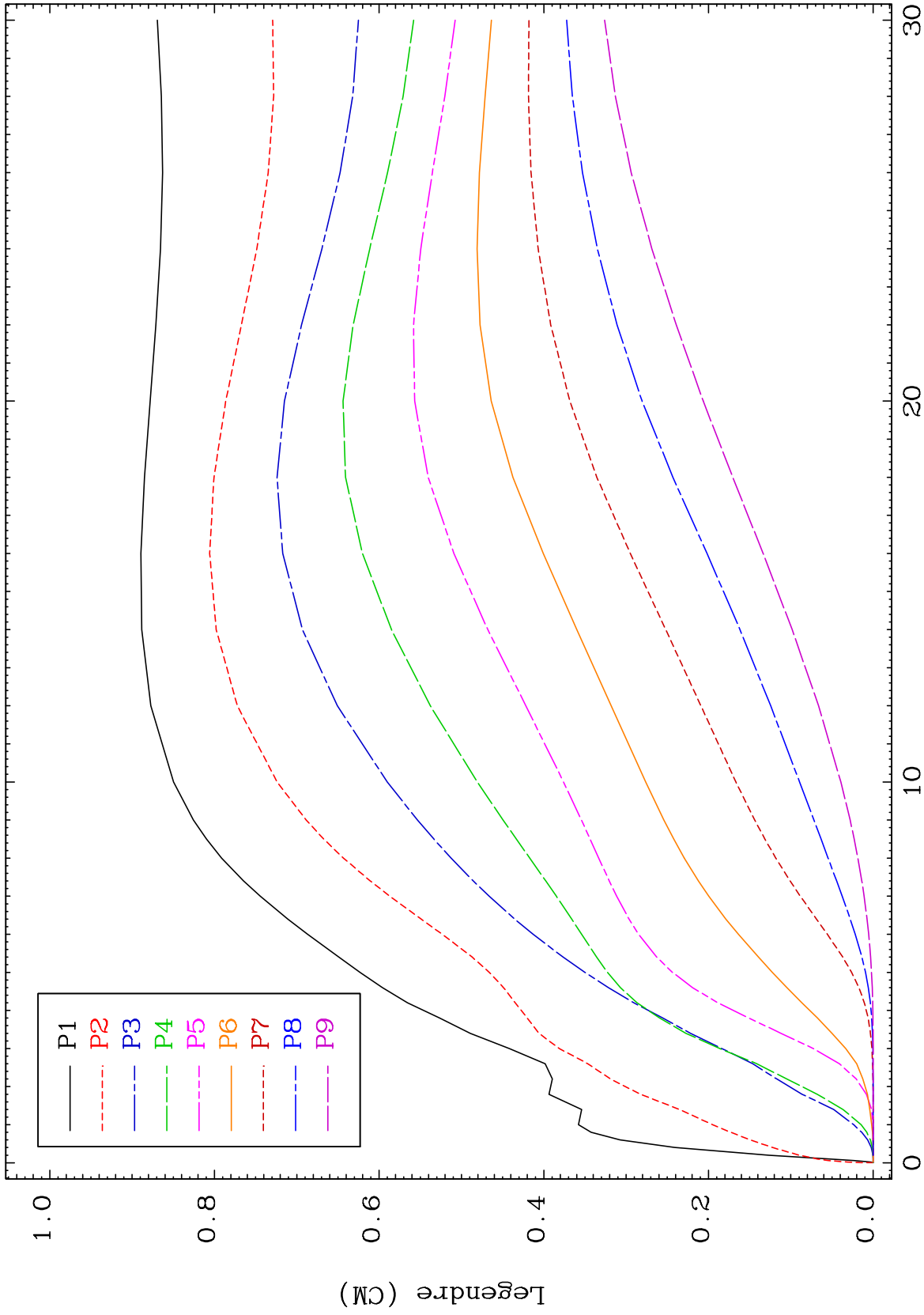
42-Mo-92



MAT 4225

Elastic Legendre Coefficients

42-Mo-92



15

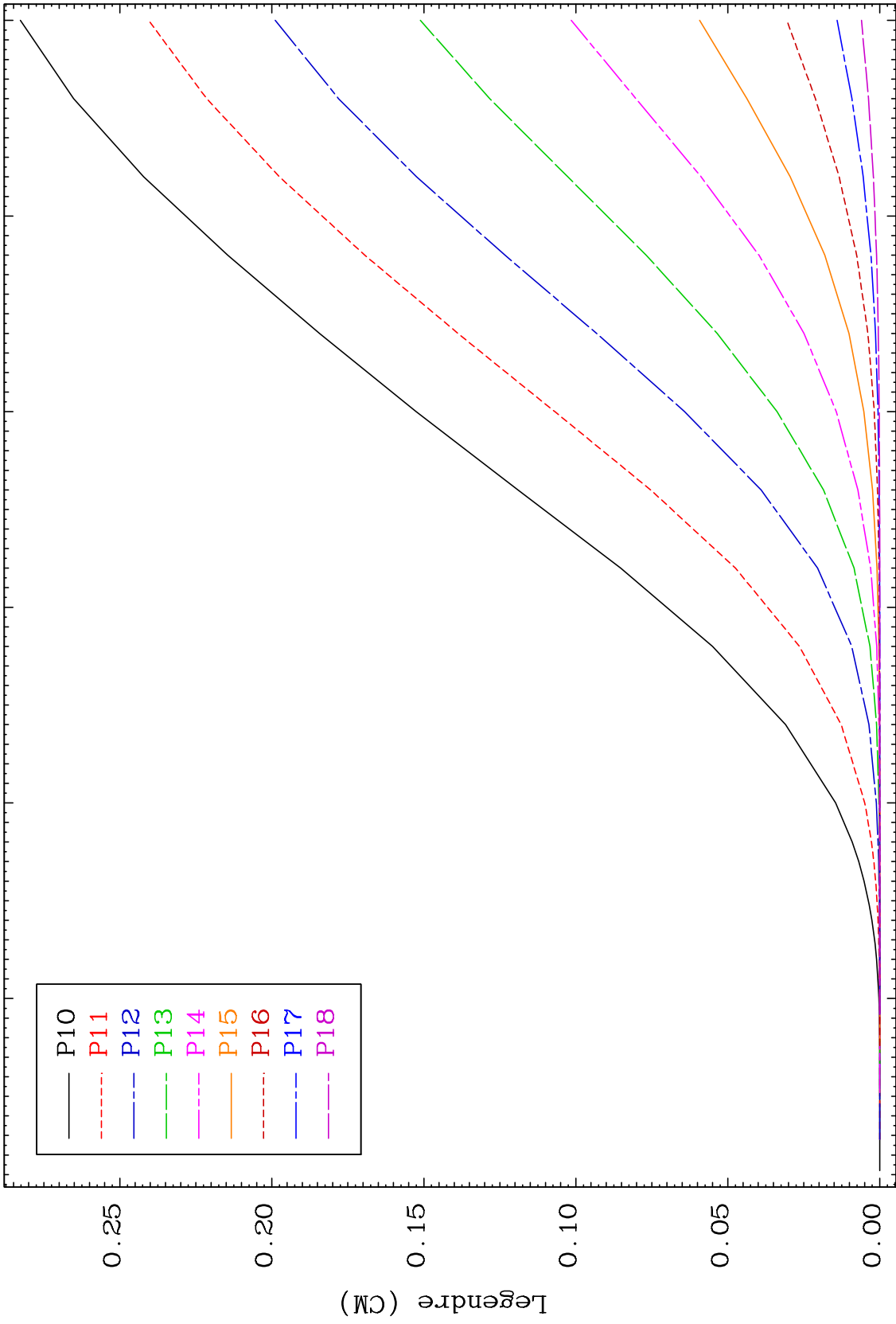
Incident Energy (MeV)

42-Mo-92

MAT 4225

Elastic Legendre Coefficients

42-Mo-92



16

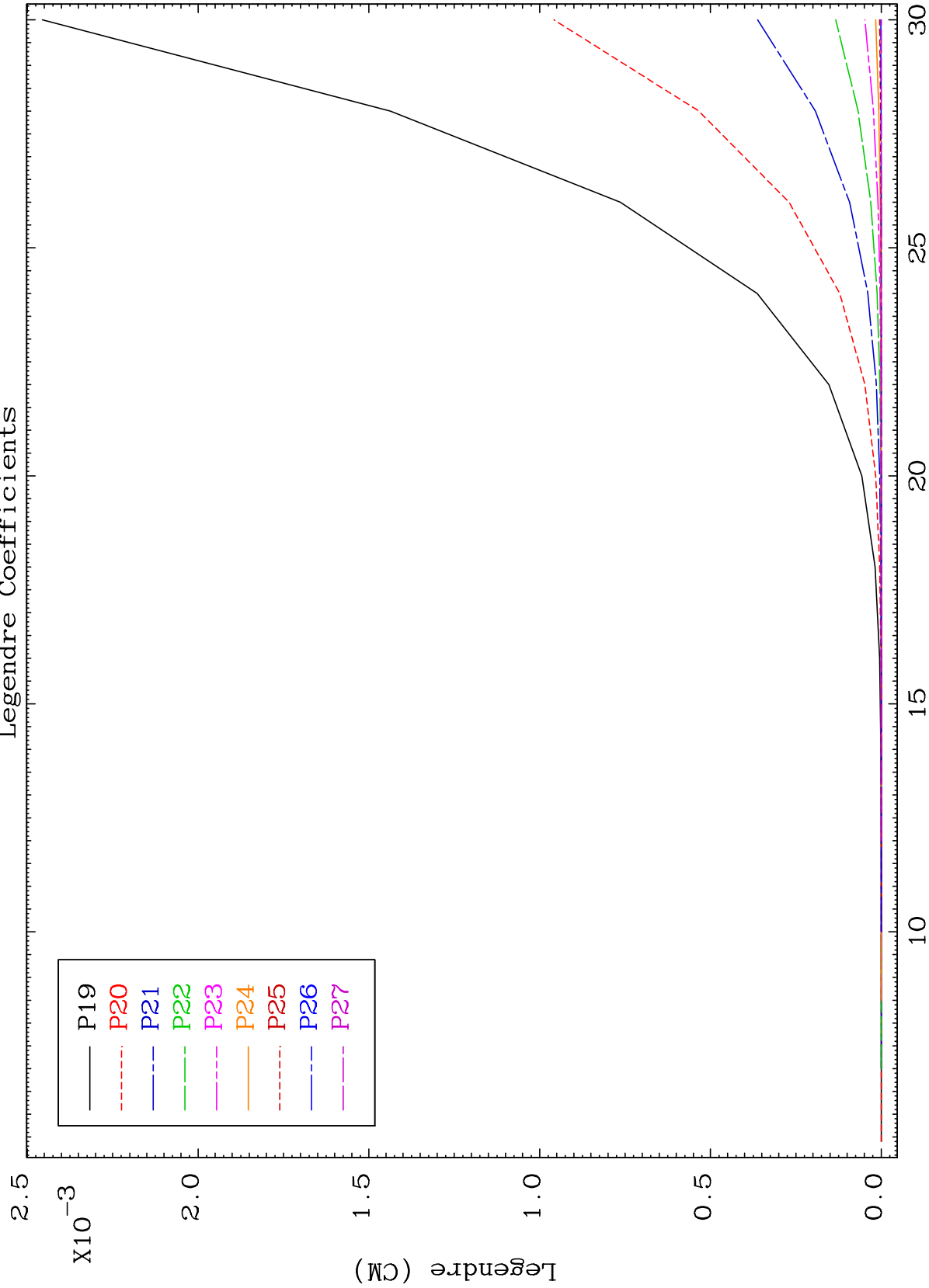
Incident Energy (MeV)

42-Mo-92

MAT 4225

Elastic Legendre Coefficients

42-Mo-92



17

Incident Energy (MeV)

42-Mo-92

MAT 4225

Elastic Legendre Coefficients

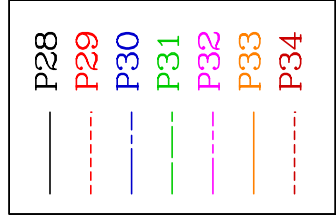
42-Mo-92



0.0
X10⁻⁷

-0.5
Legendre (CM)

-1.0
-1.5



15 20 25 30

Incident Energy (MeV)

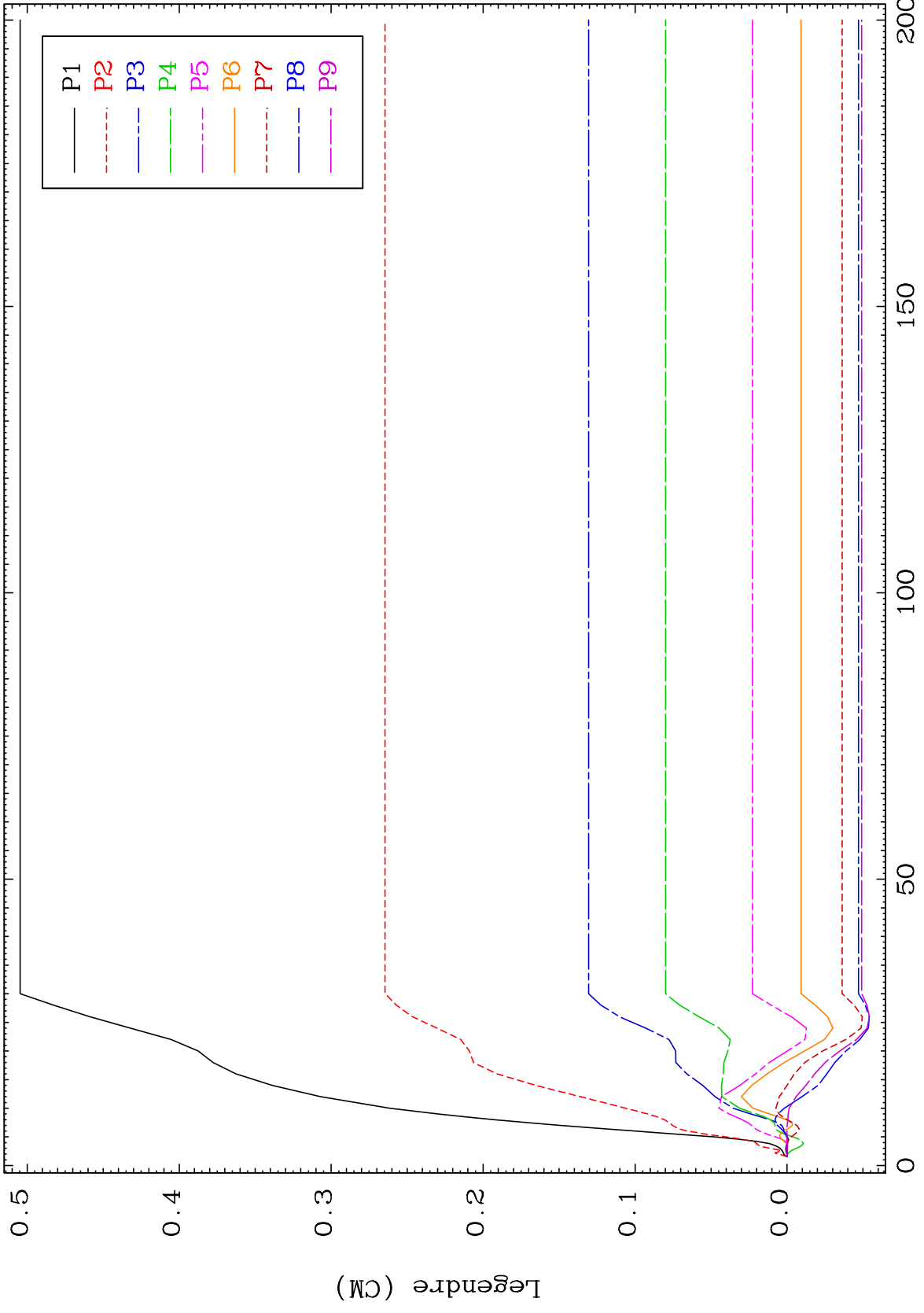
42-Mo-92

18

MAT 4225

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

42-Mo-92



19

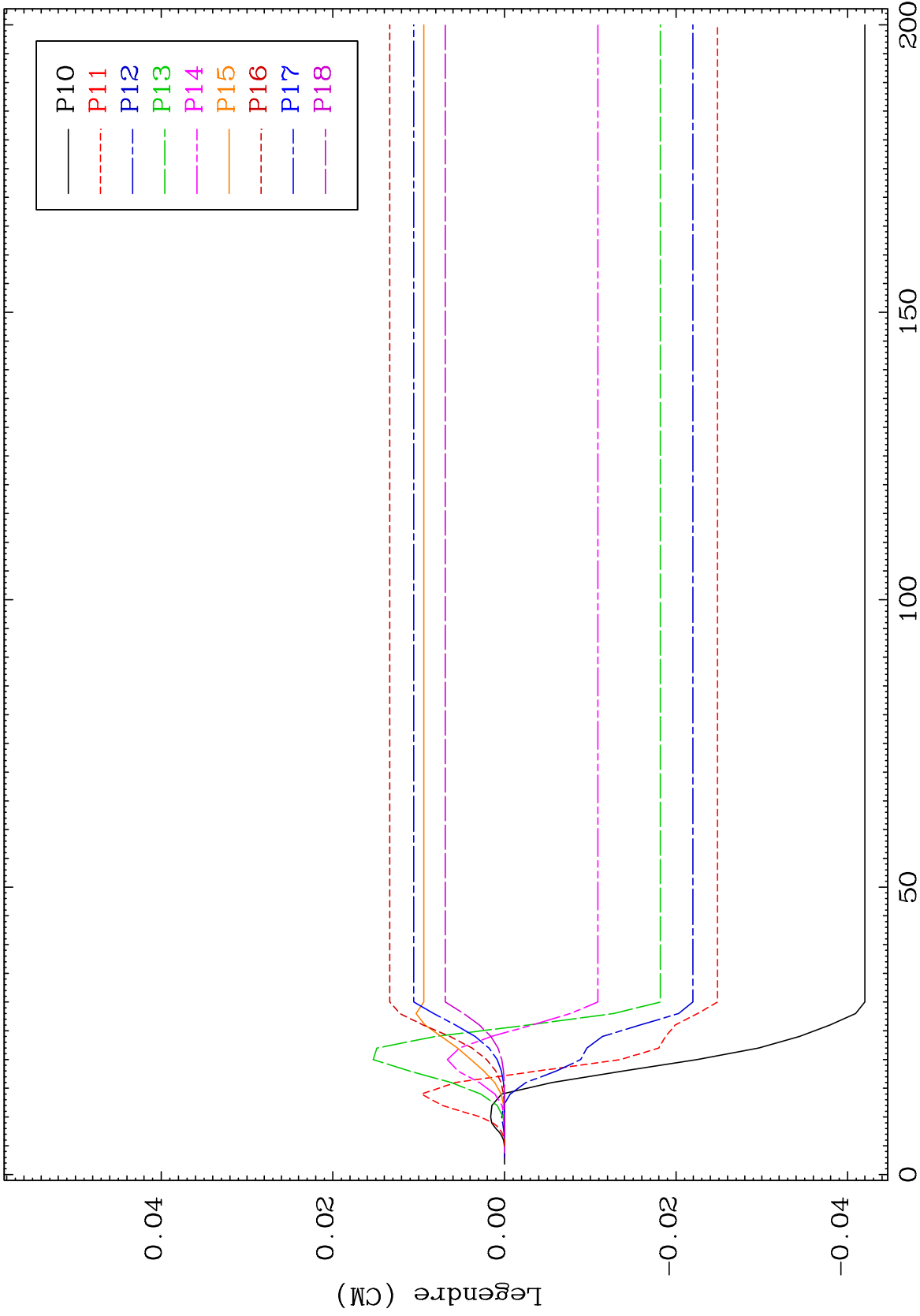
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



0

50

100

150

200

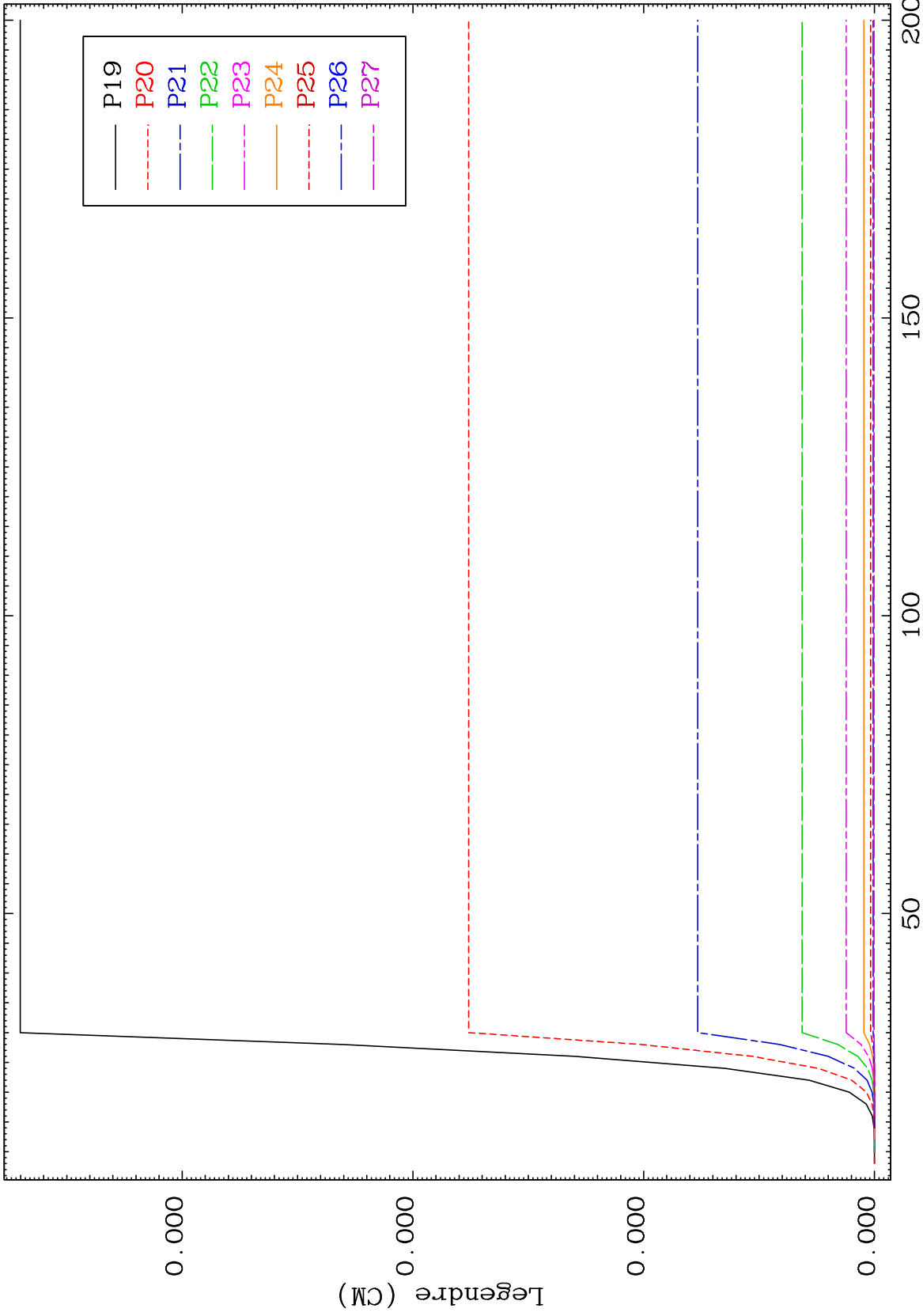
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



21

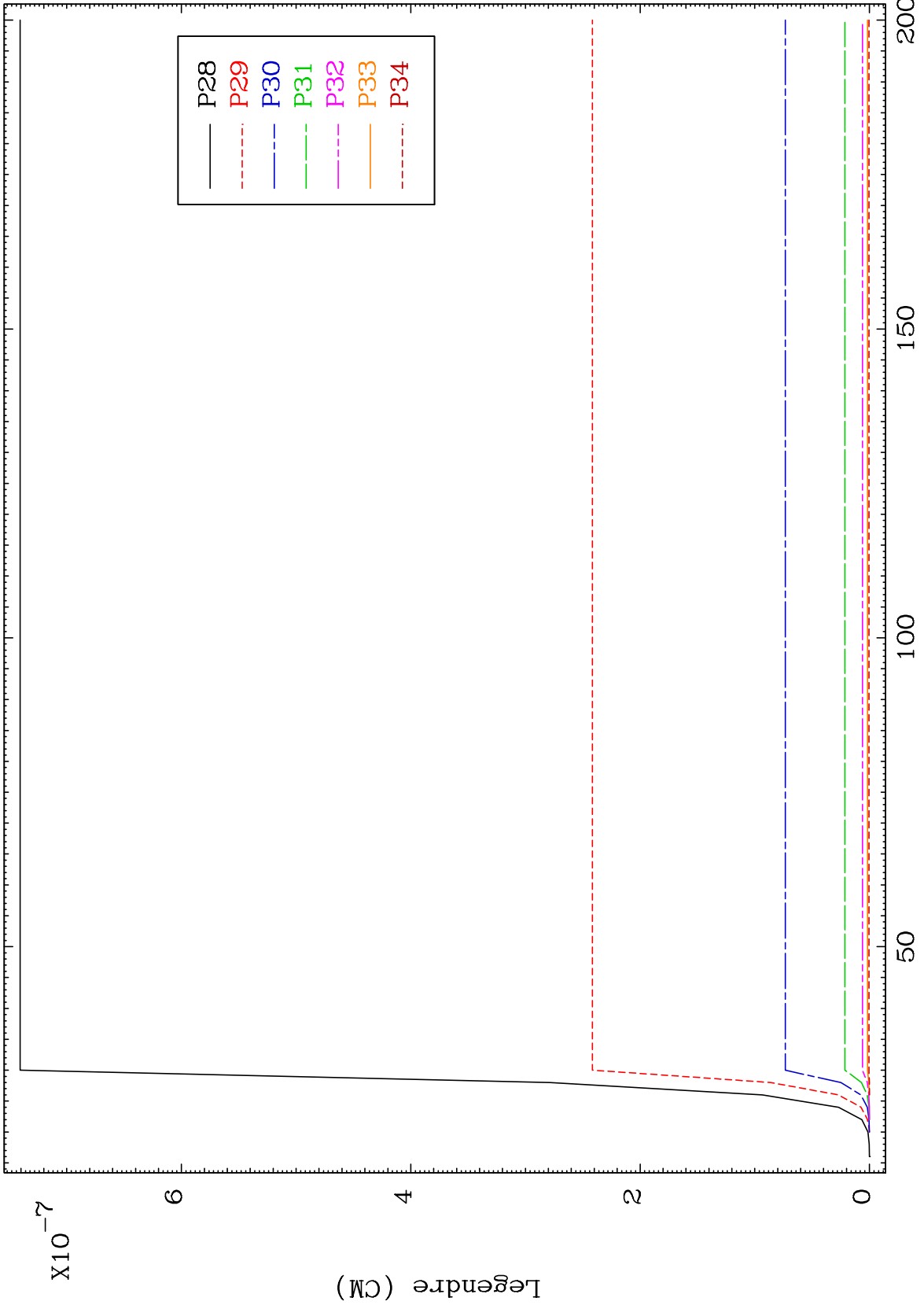
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



22

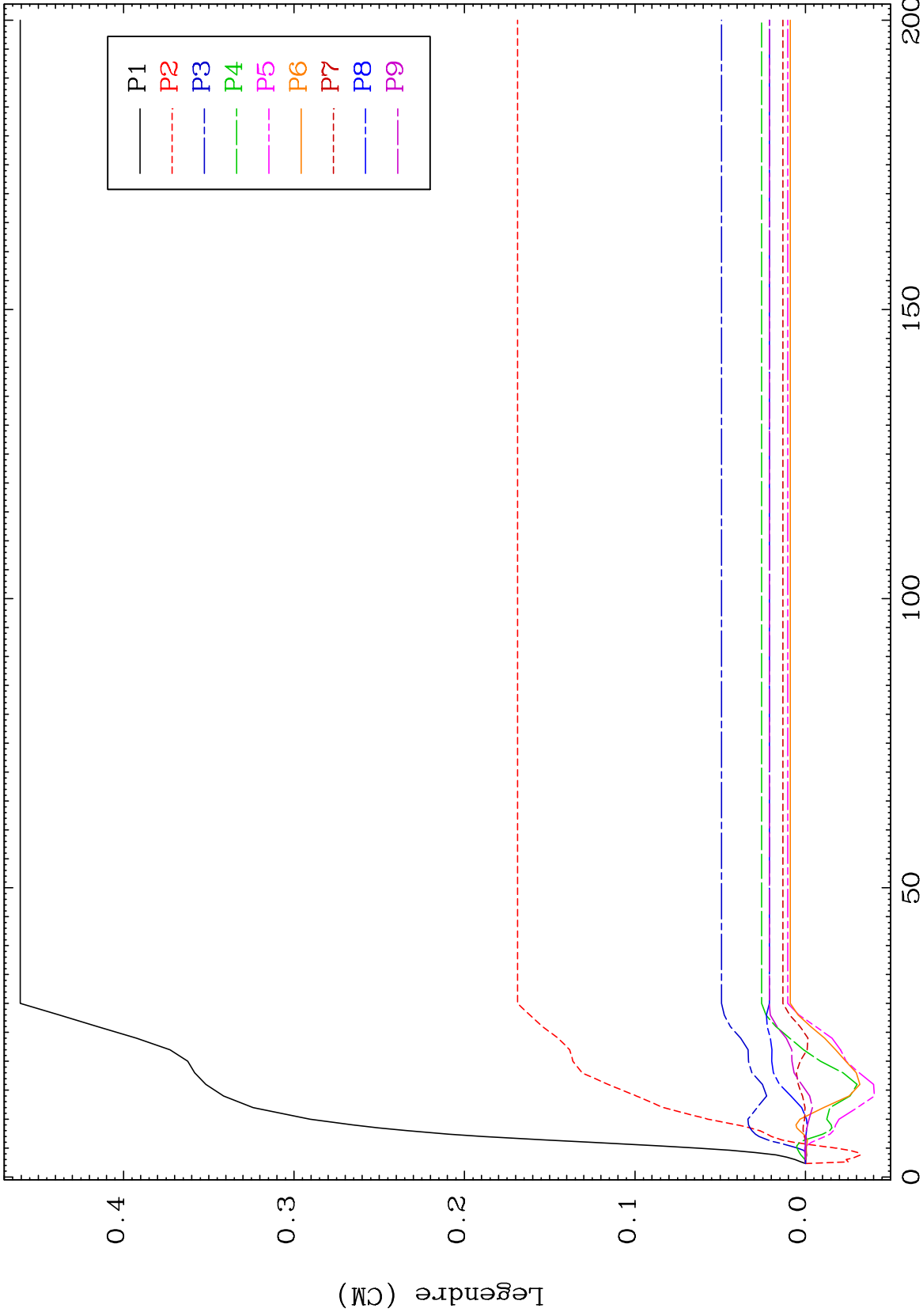
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



23

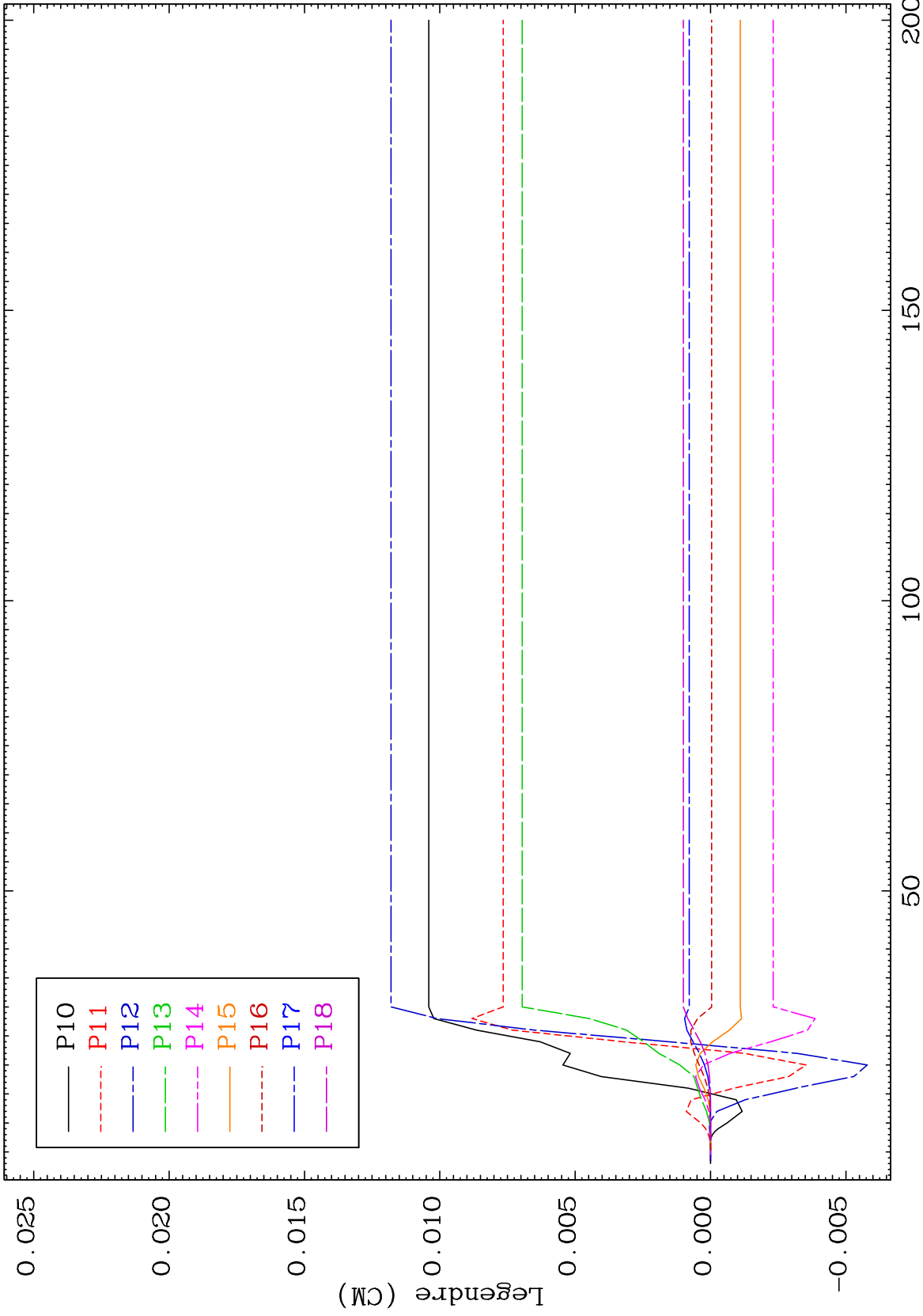
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



24

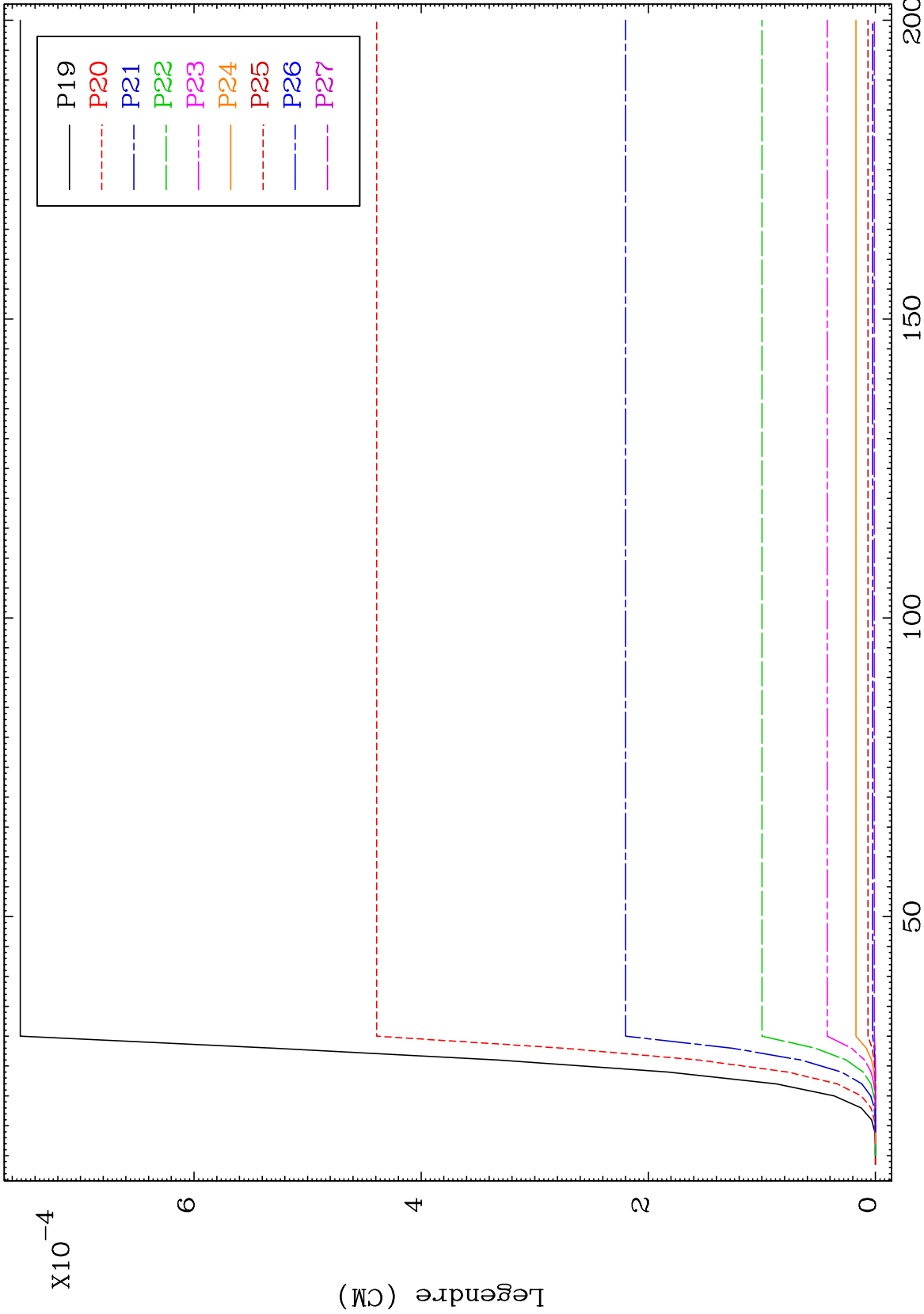
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



25

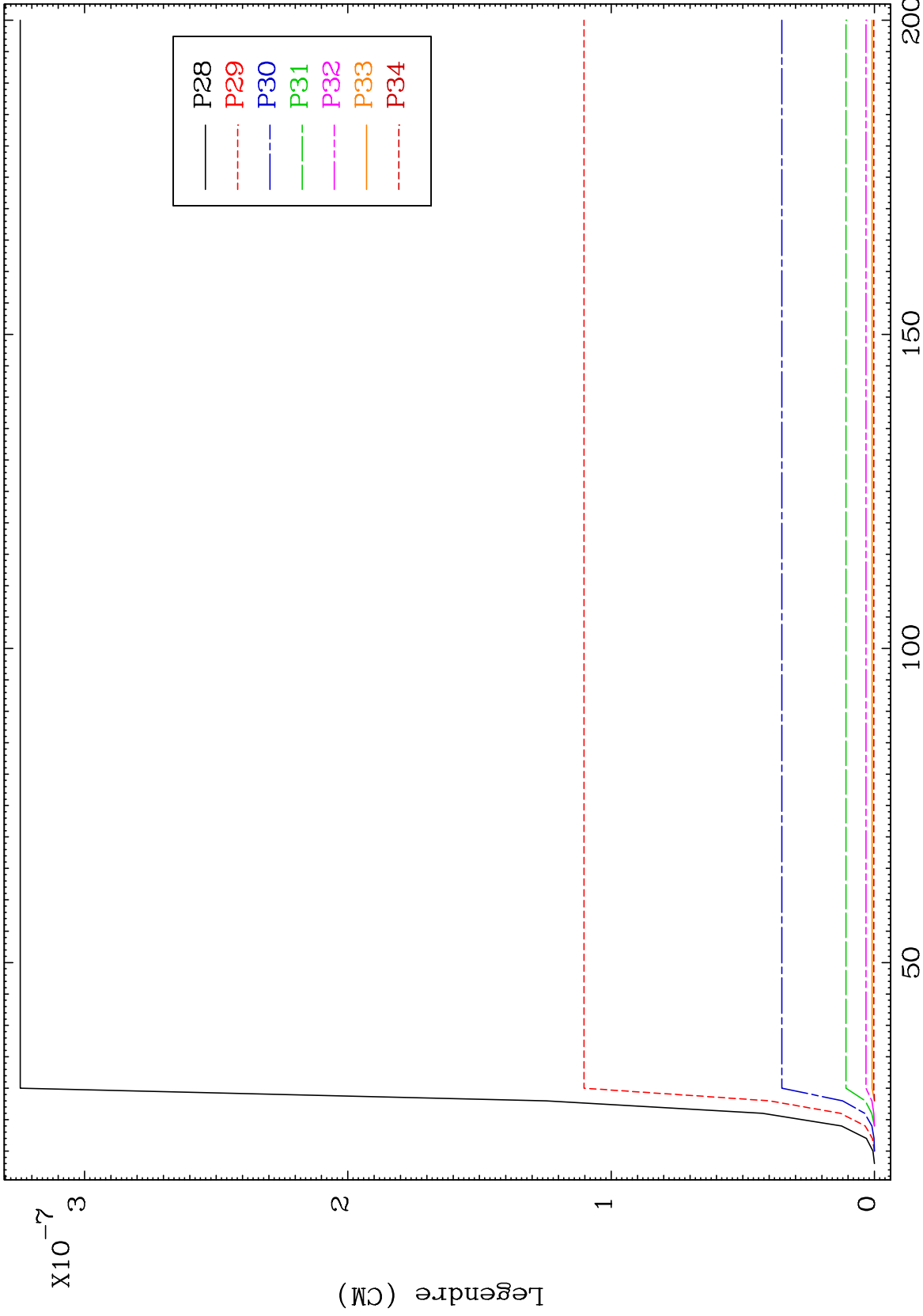
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



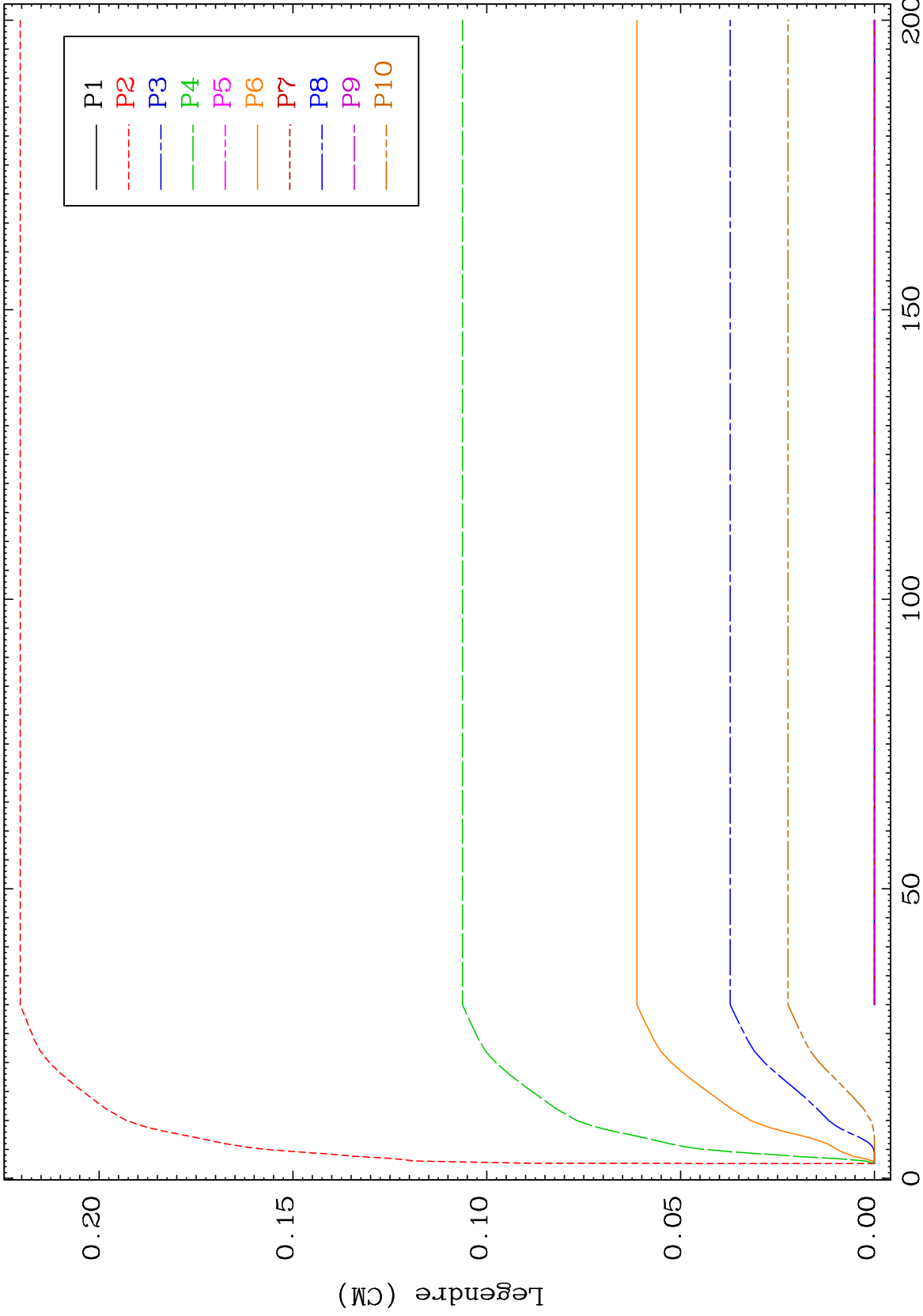
26

42-Mo-92

MAT 4225

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

42-Mo-92



27

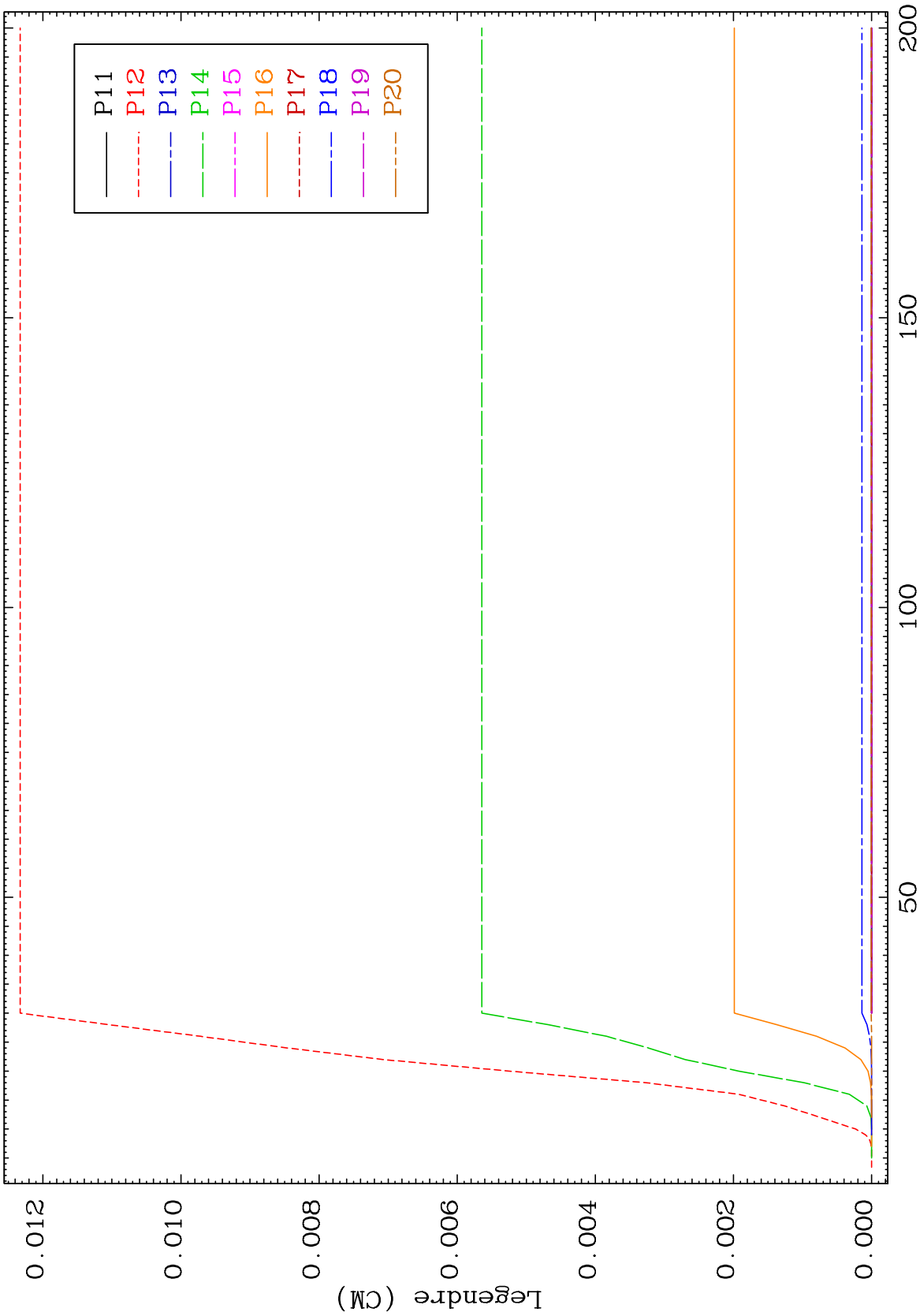
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



28

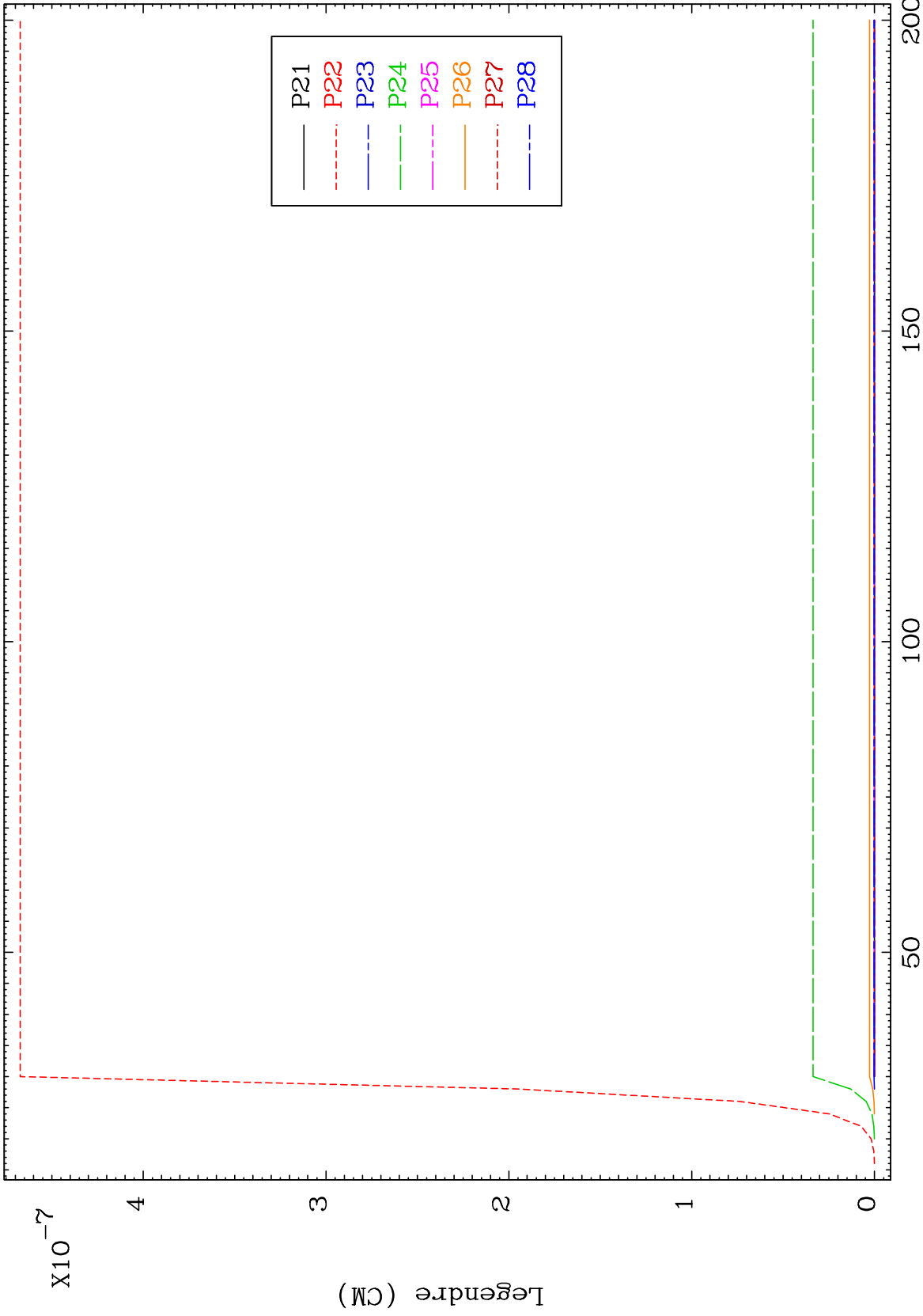
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



29

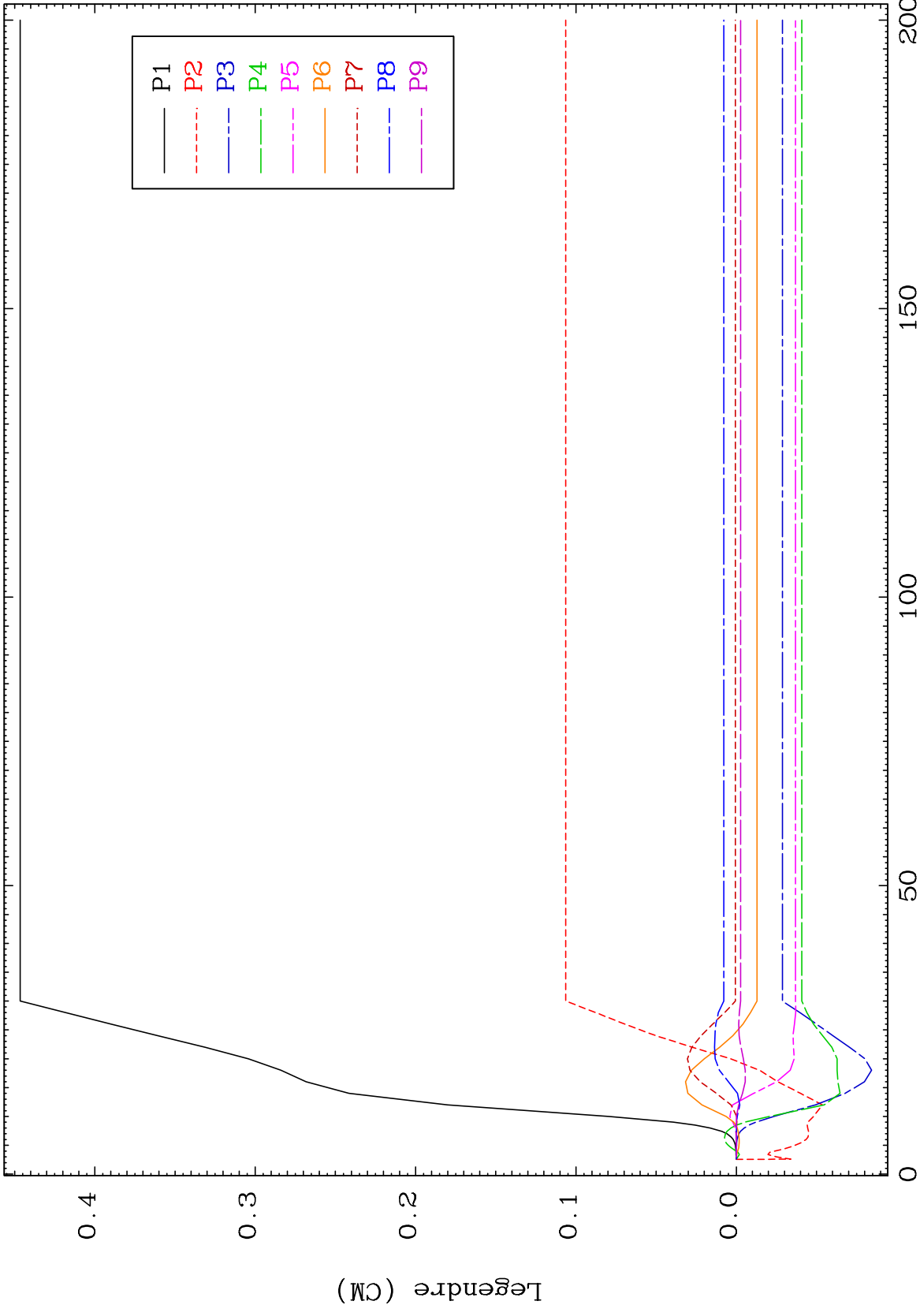
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



30

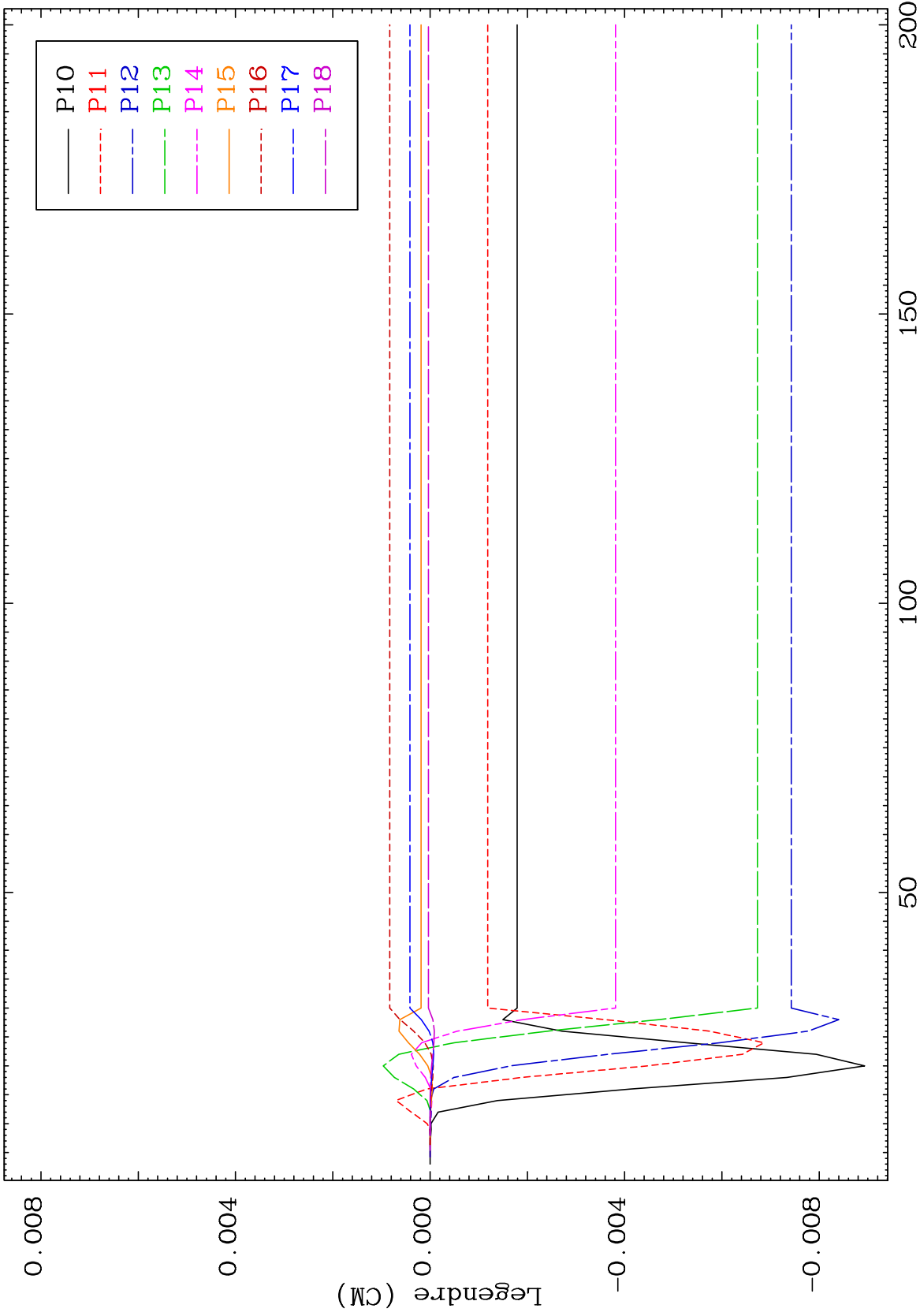
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



31

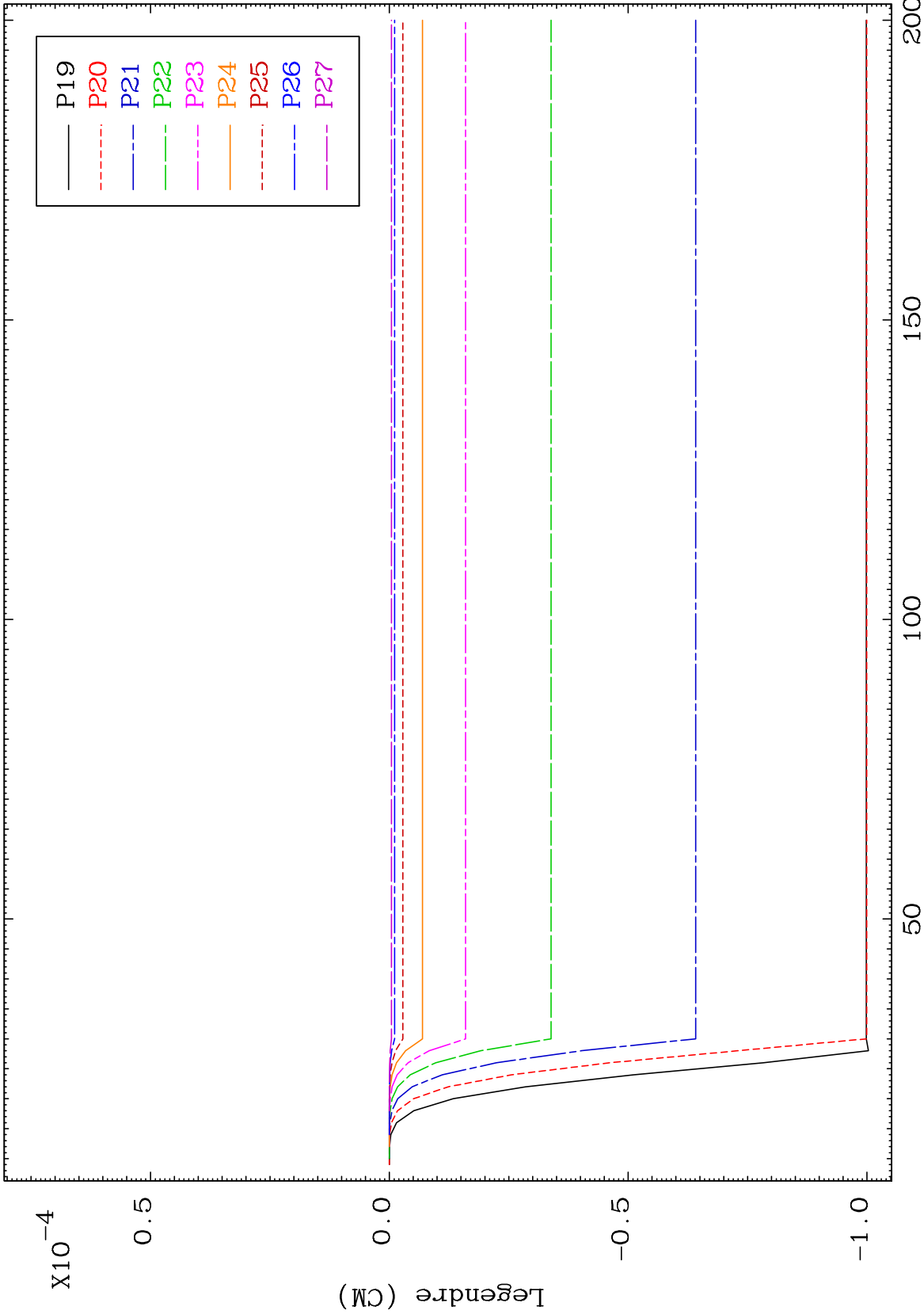
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



32

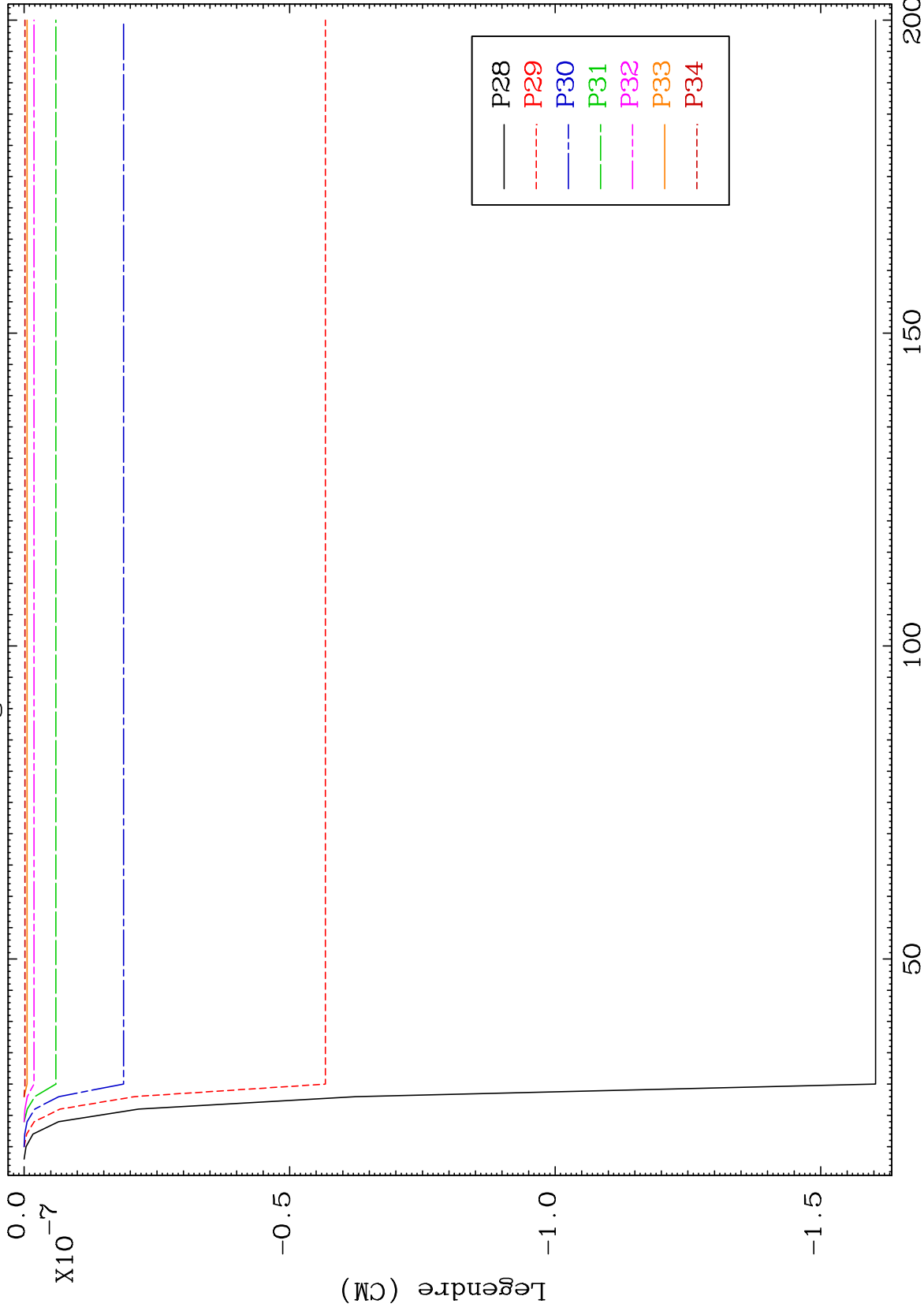
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



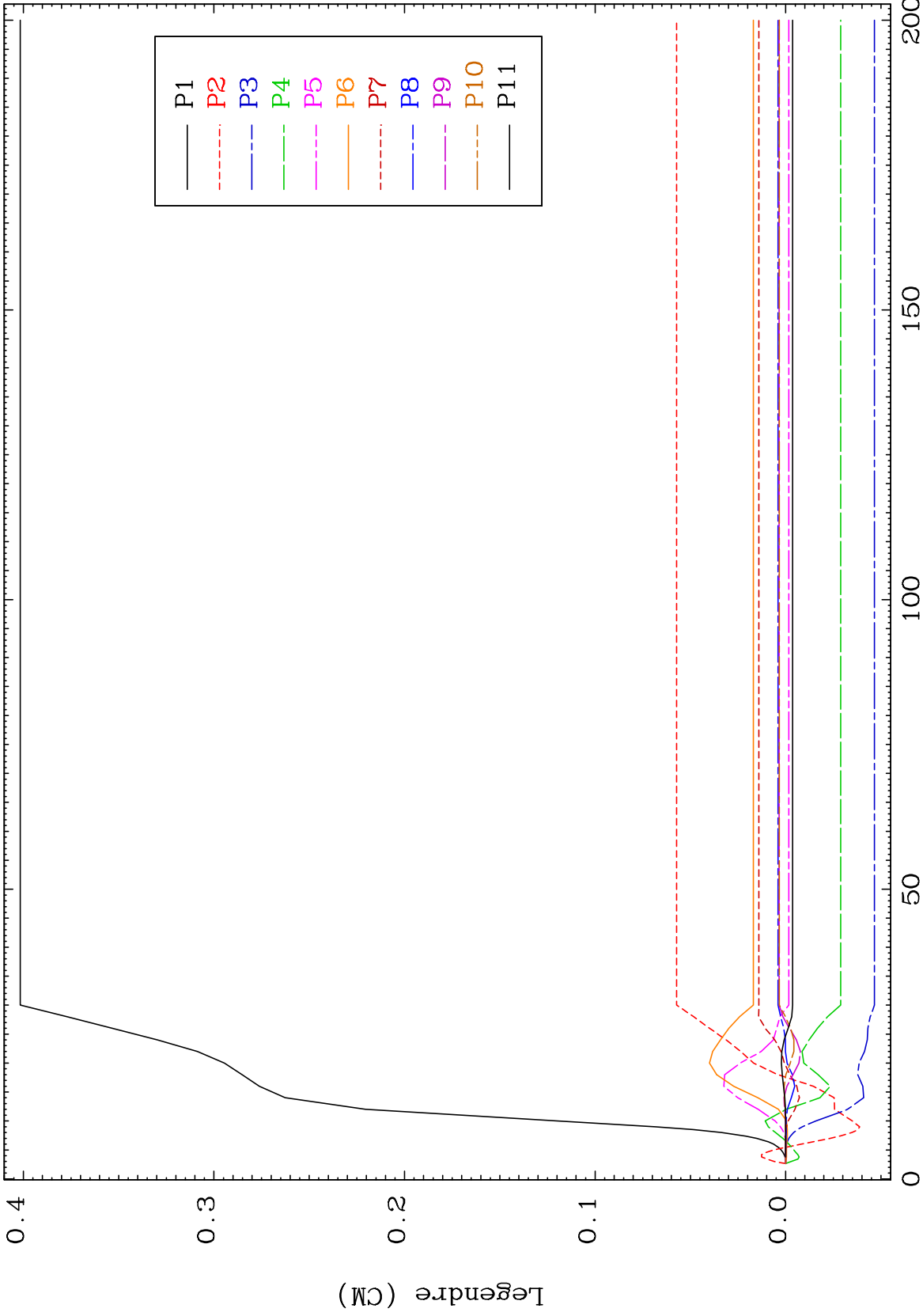
33

42-Mo-92

MAT 4225

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

42-Mo-92



34

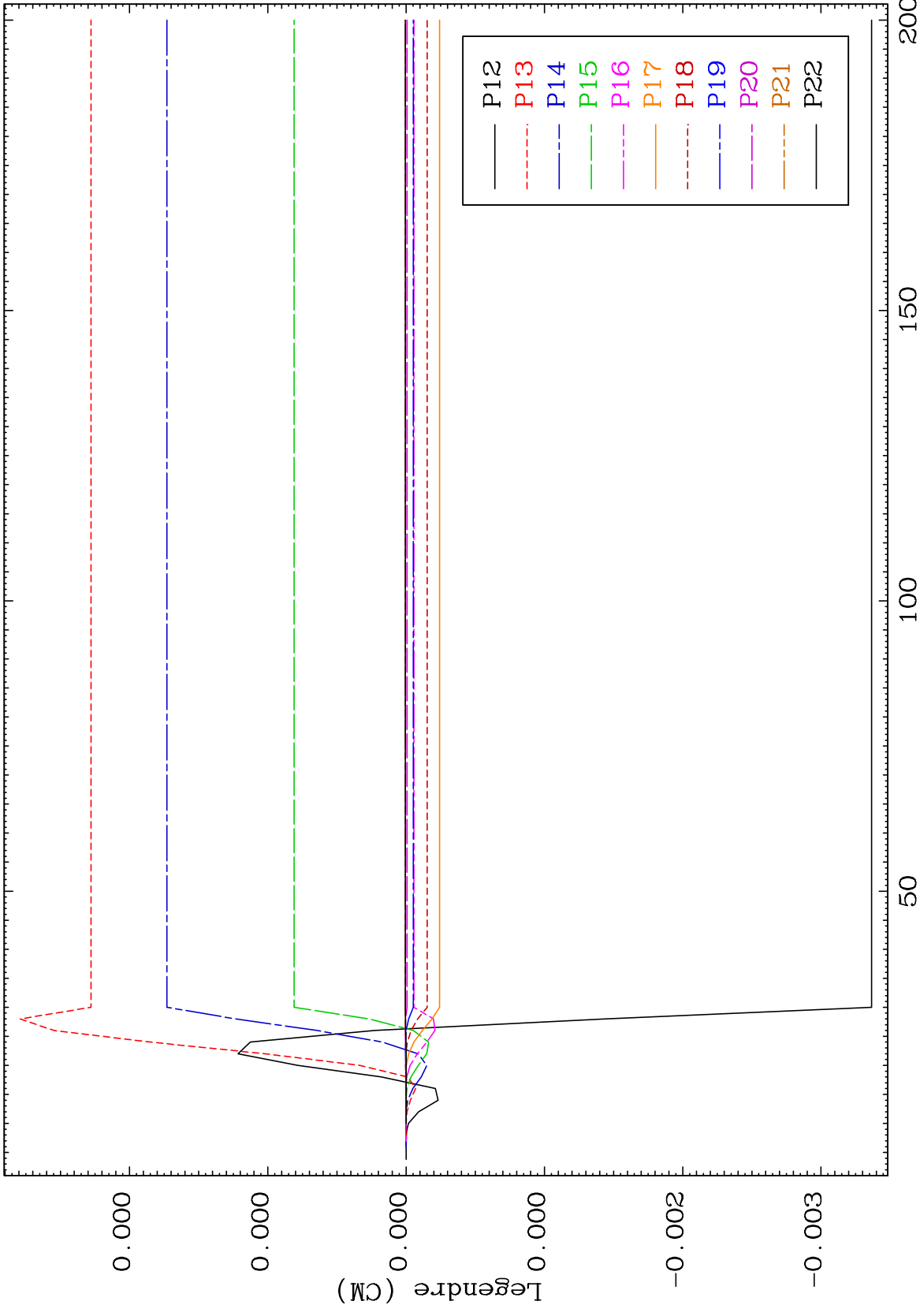
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



35

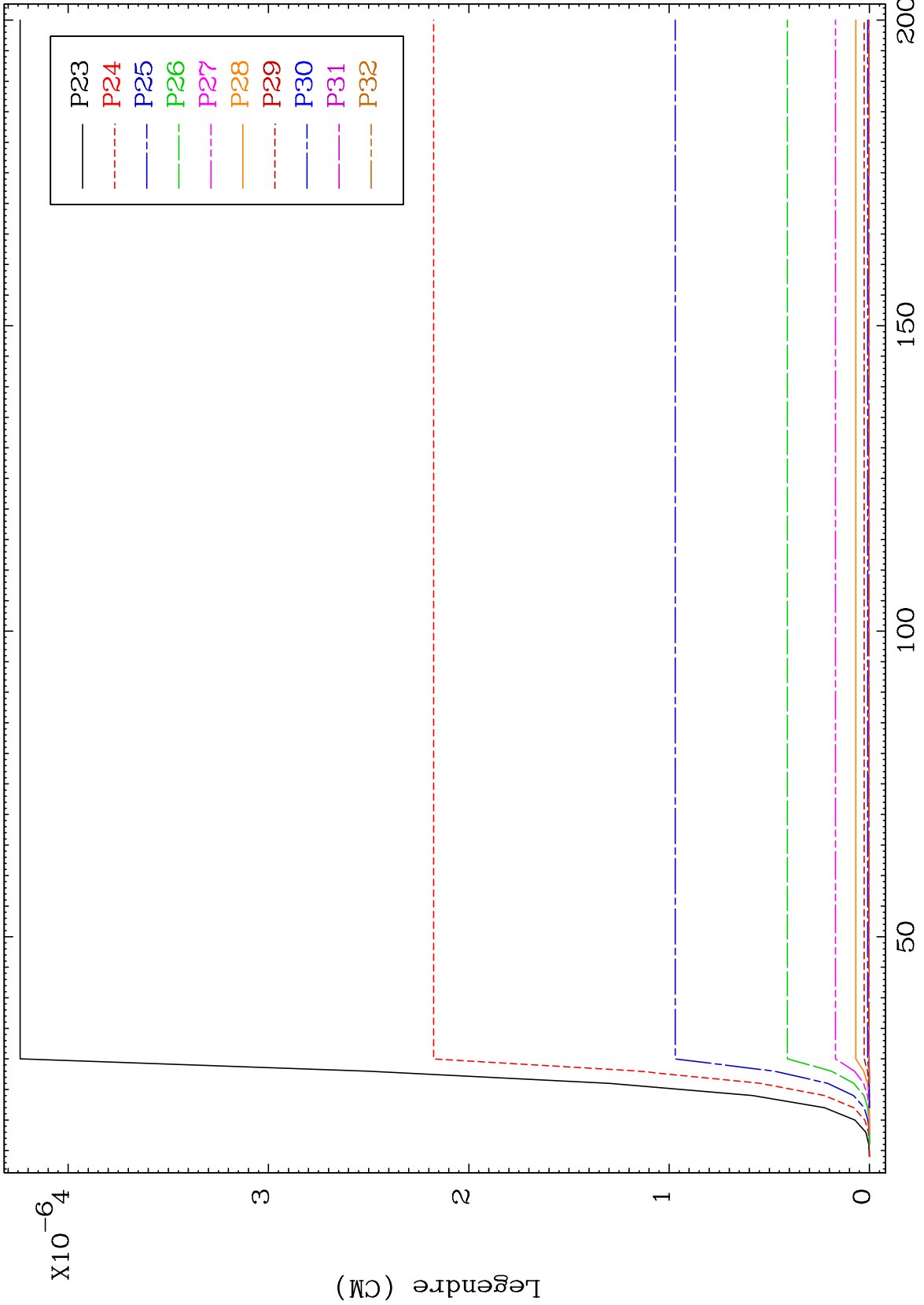
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



36

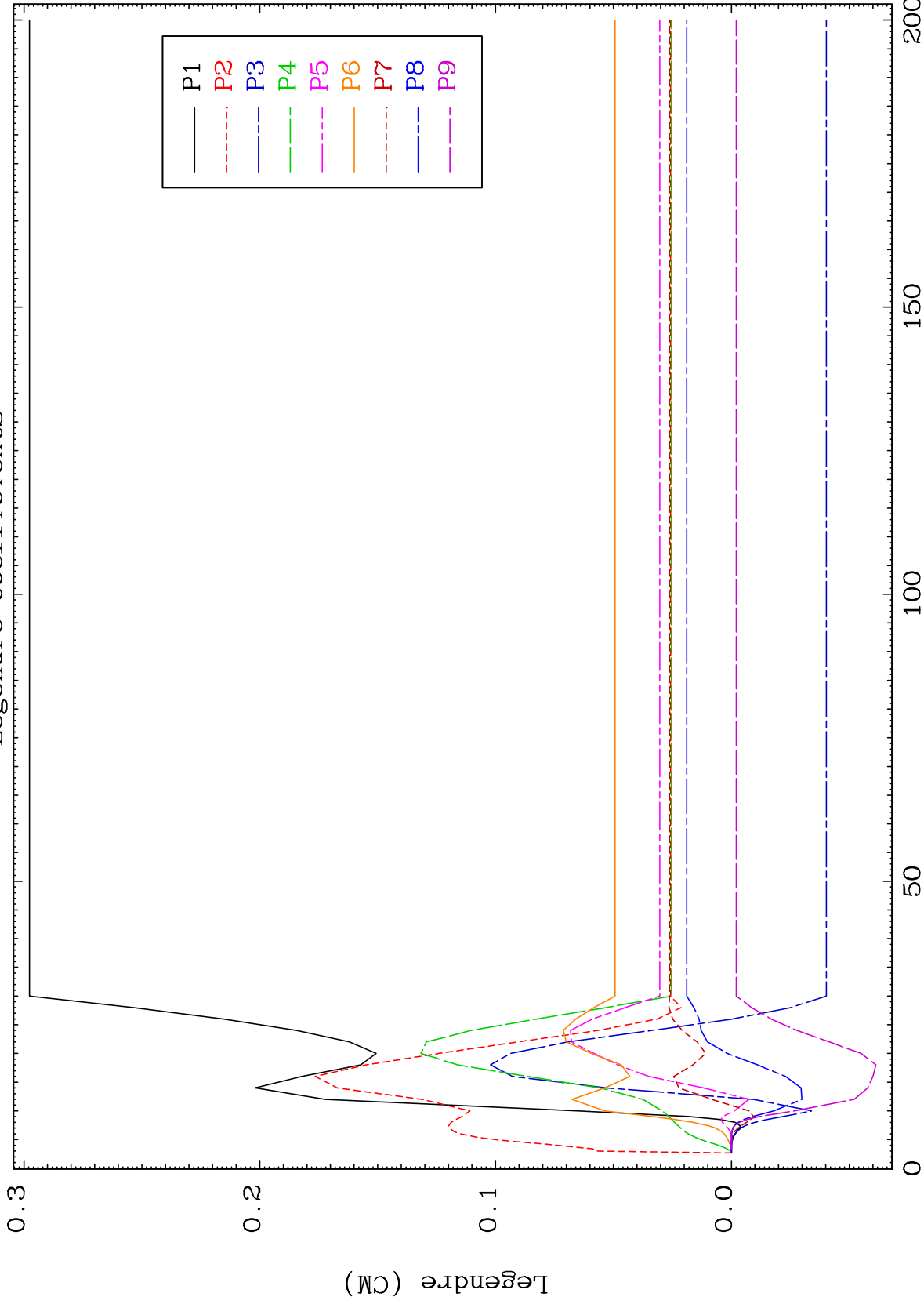
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



37

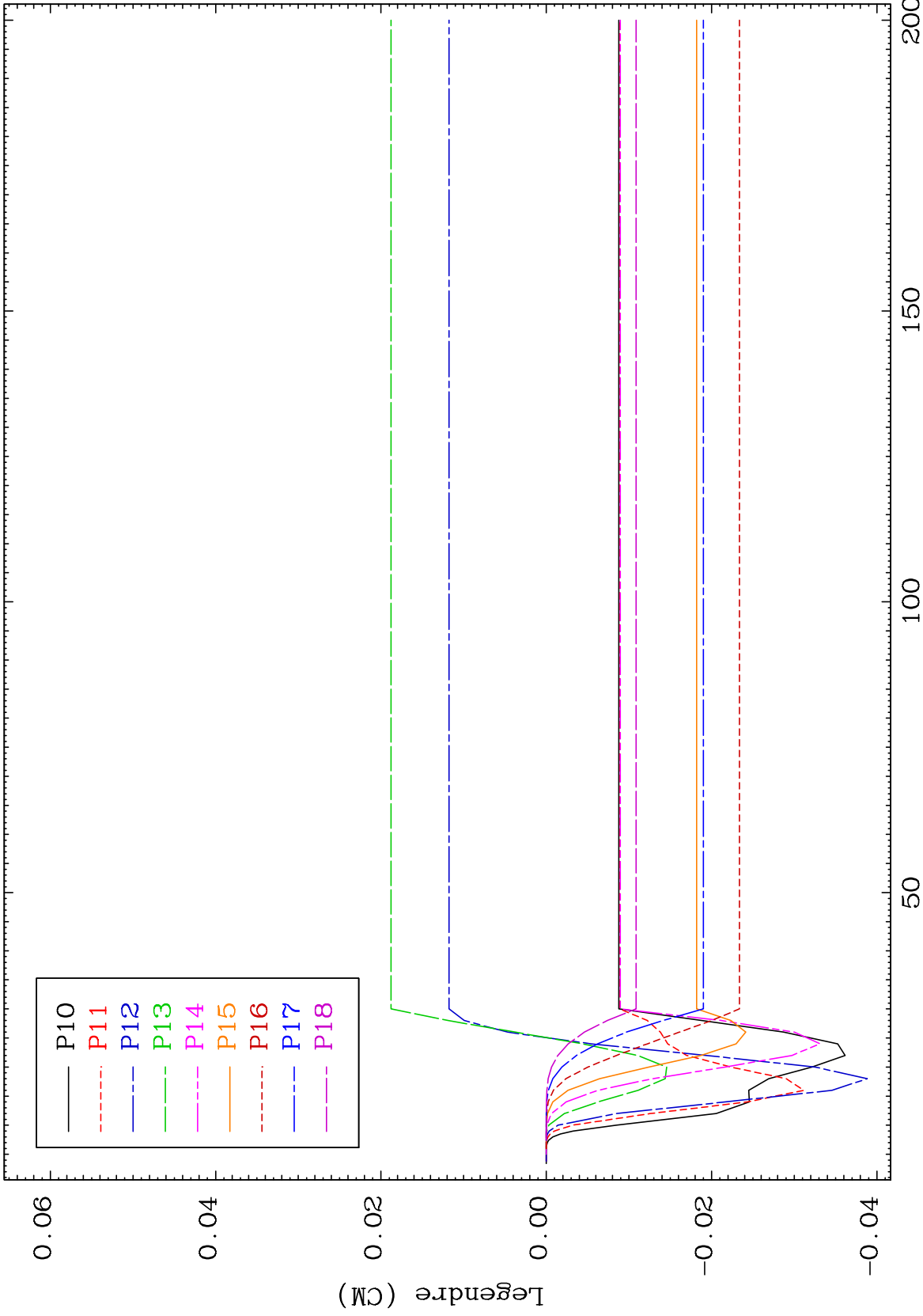
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

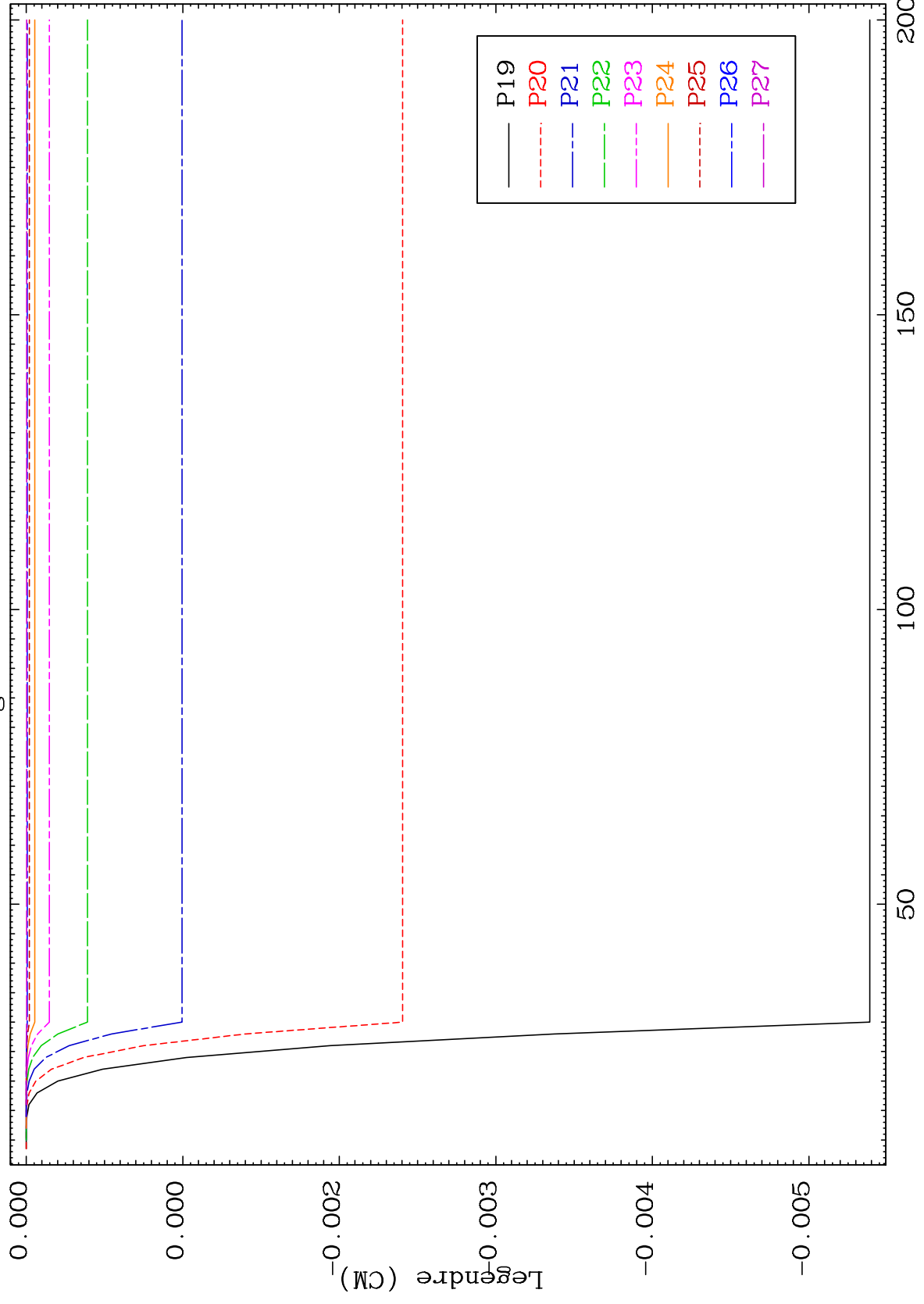
42-Mo-92



38

Incident Energy (MeV)

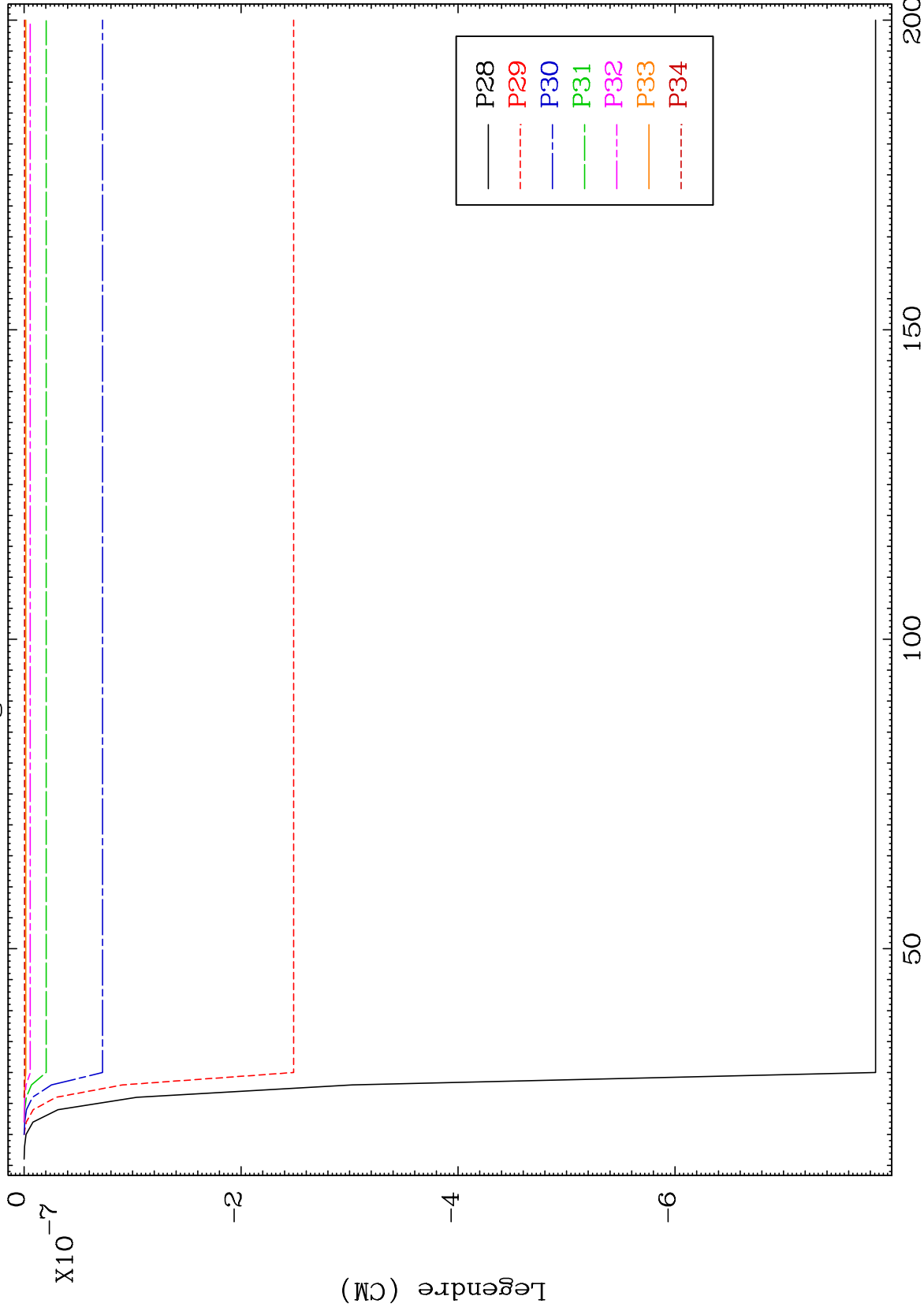
42-Mo-92



MAT 4225

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

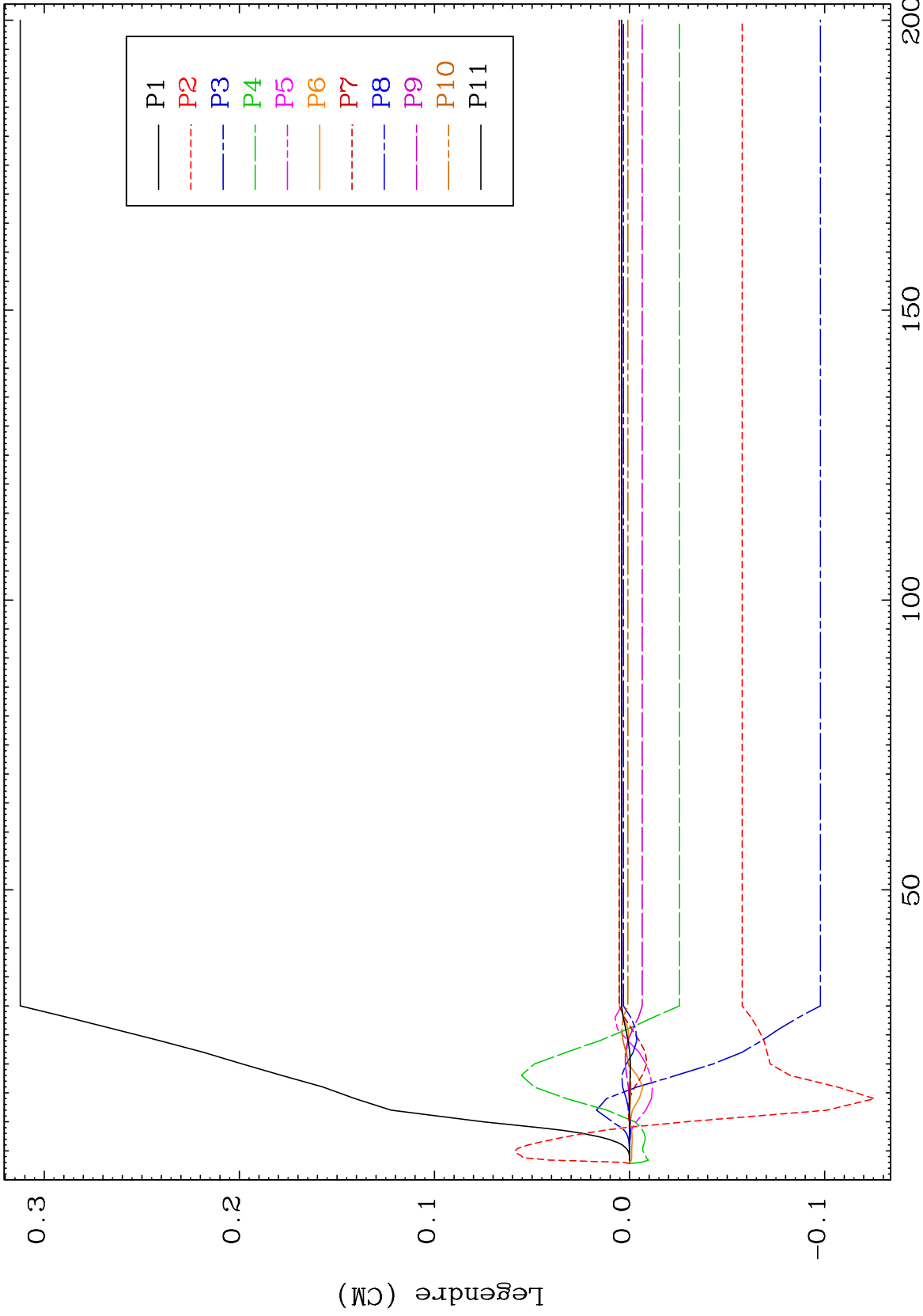
42-Mo-92

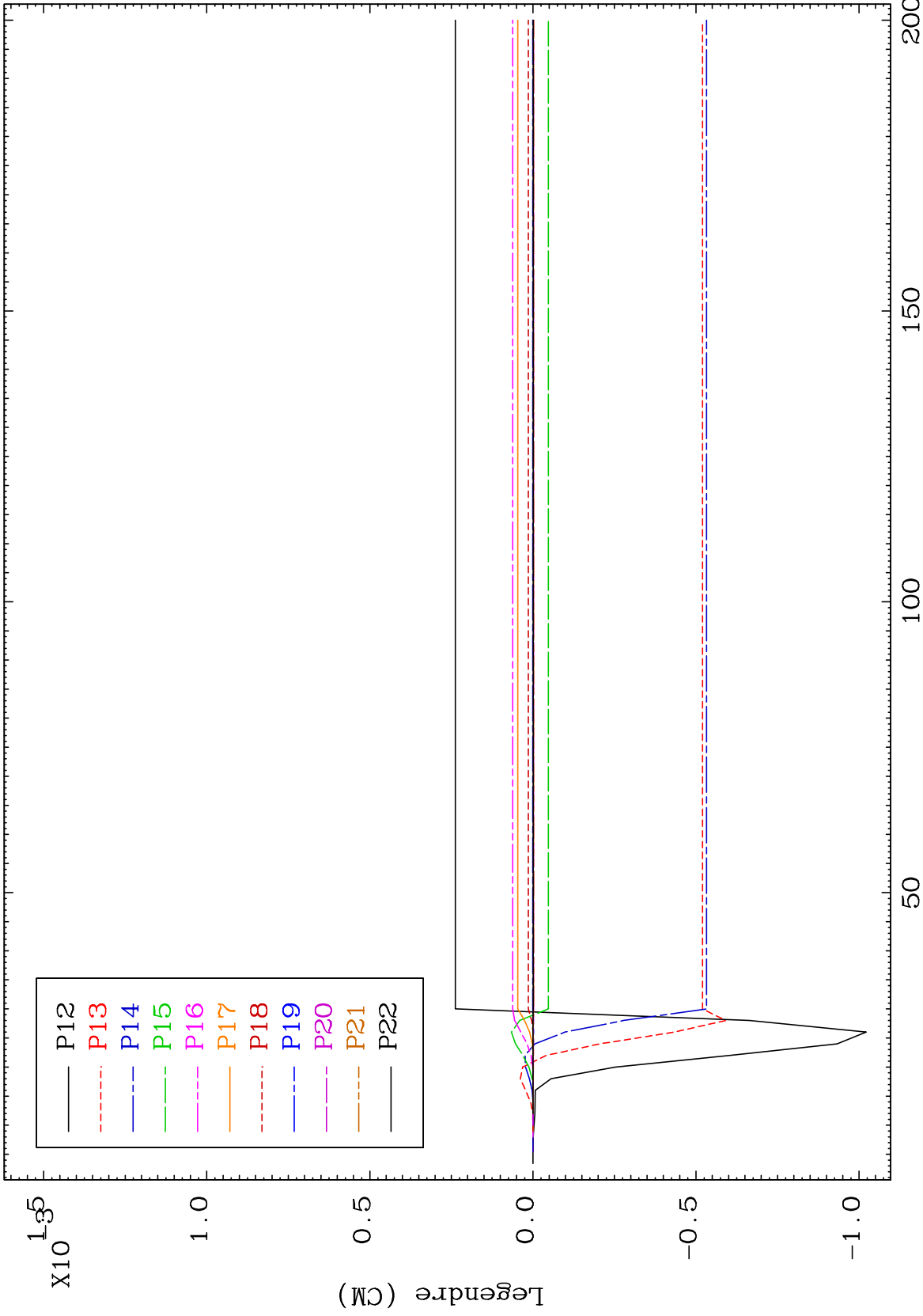


42-Mo-92

Incident Energy (MeV)

40

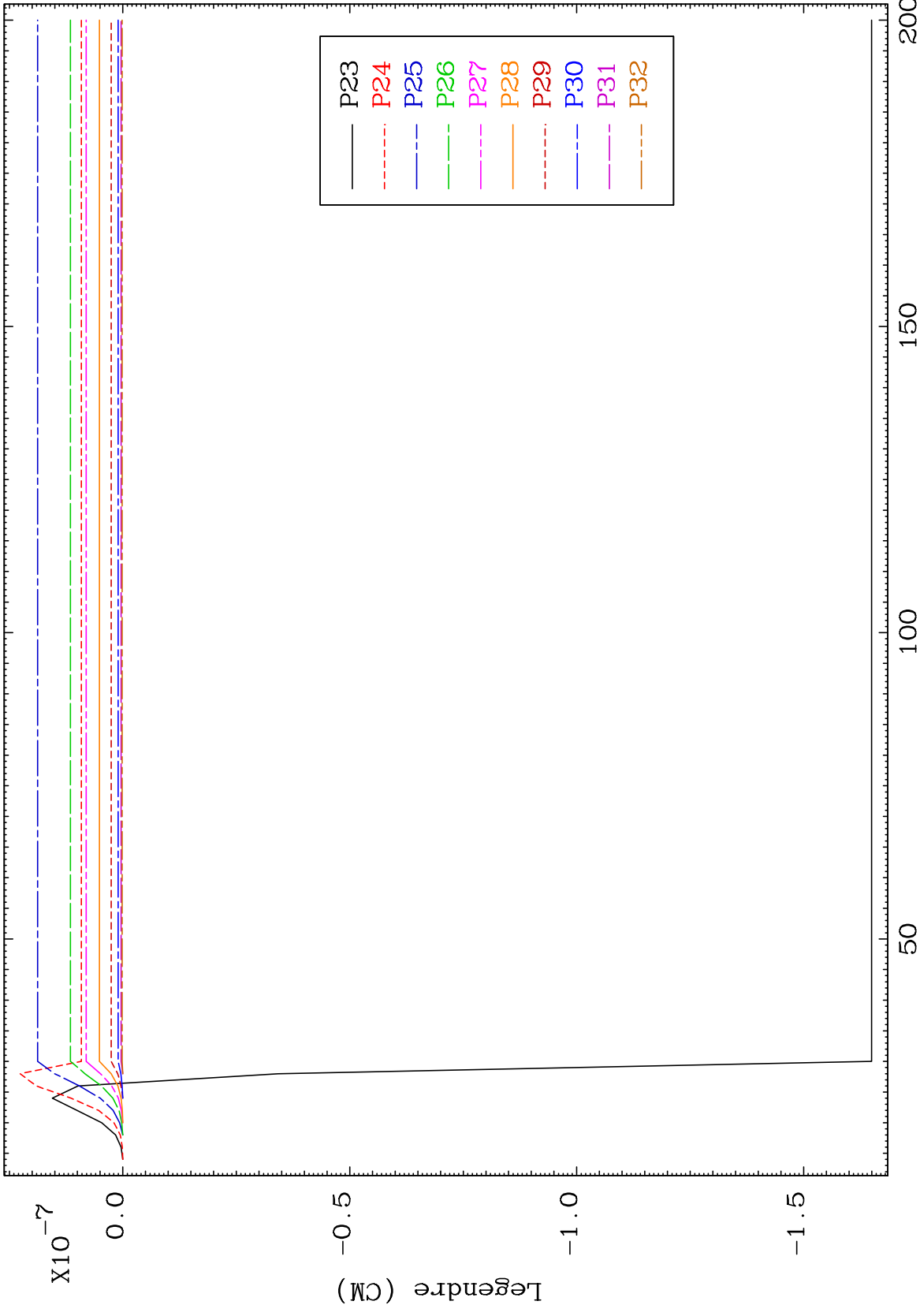




MAT 4225

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

42-Mo-92



43

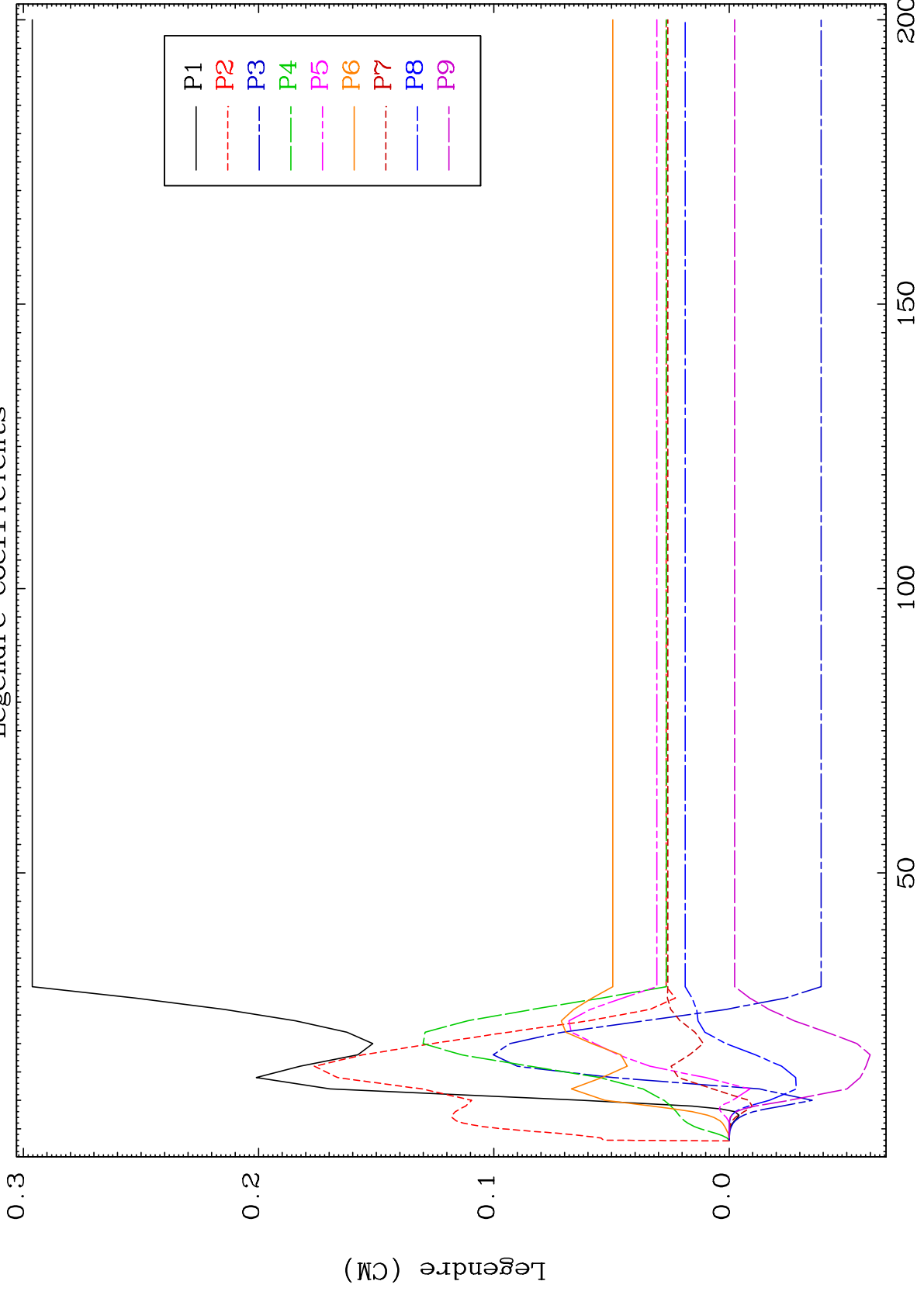
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



44

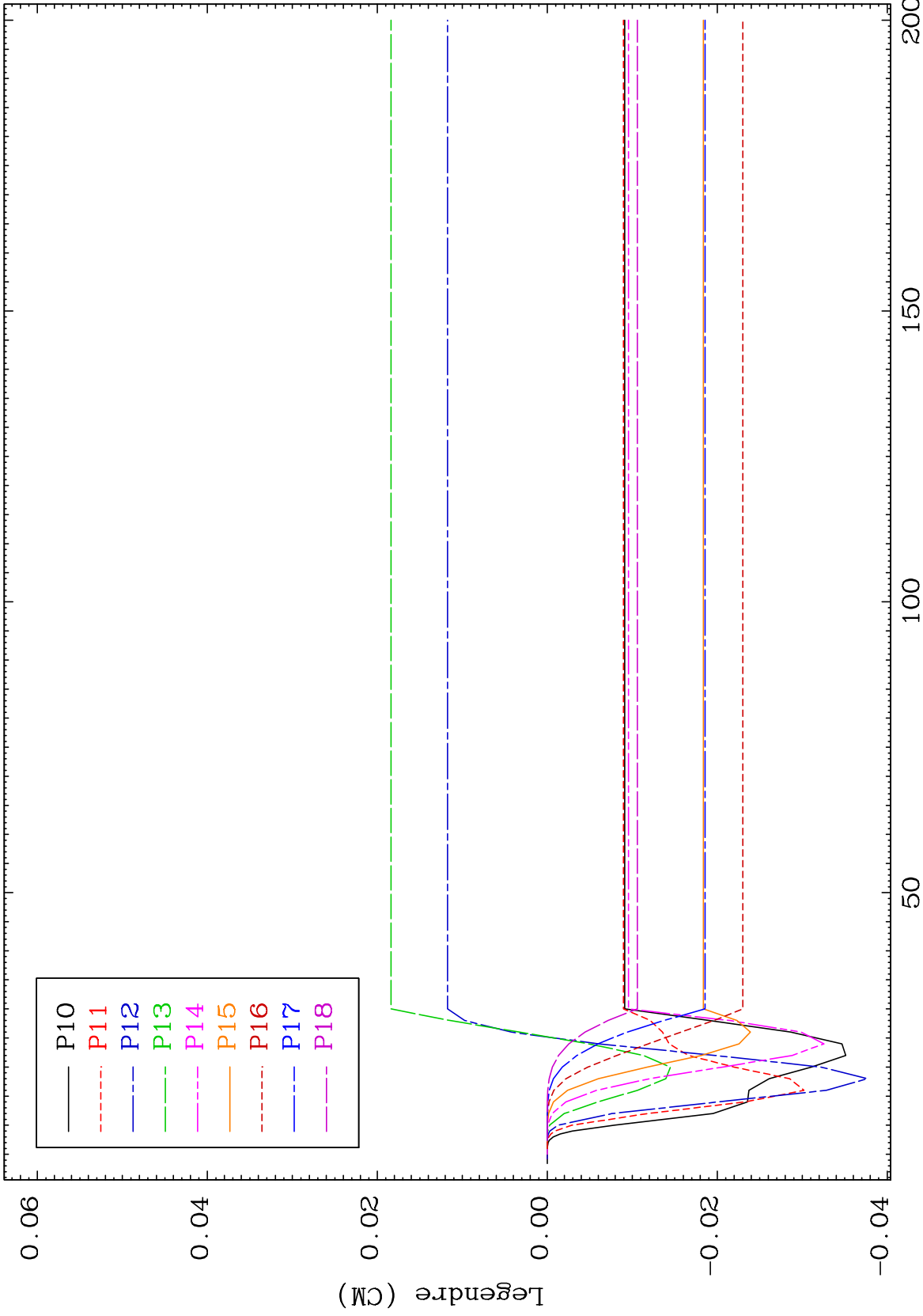
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

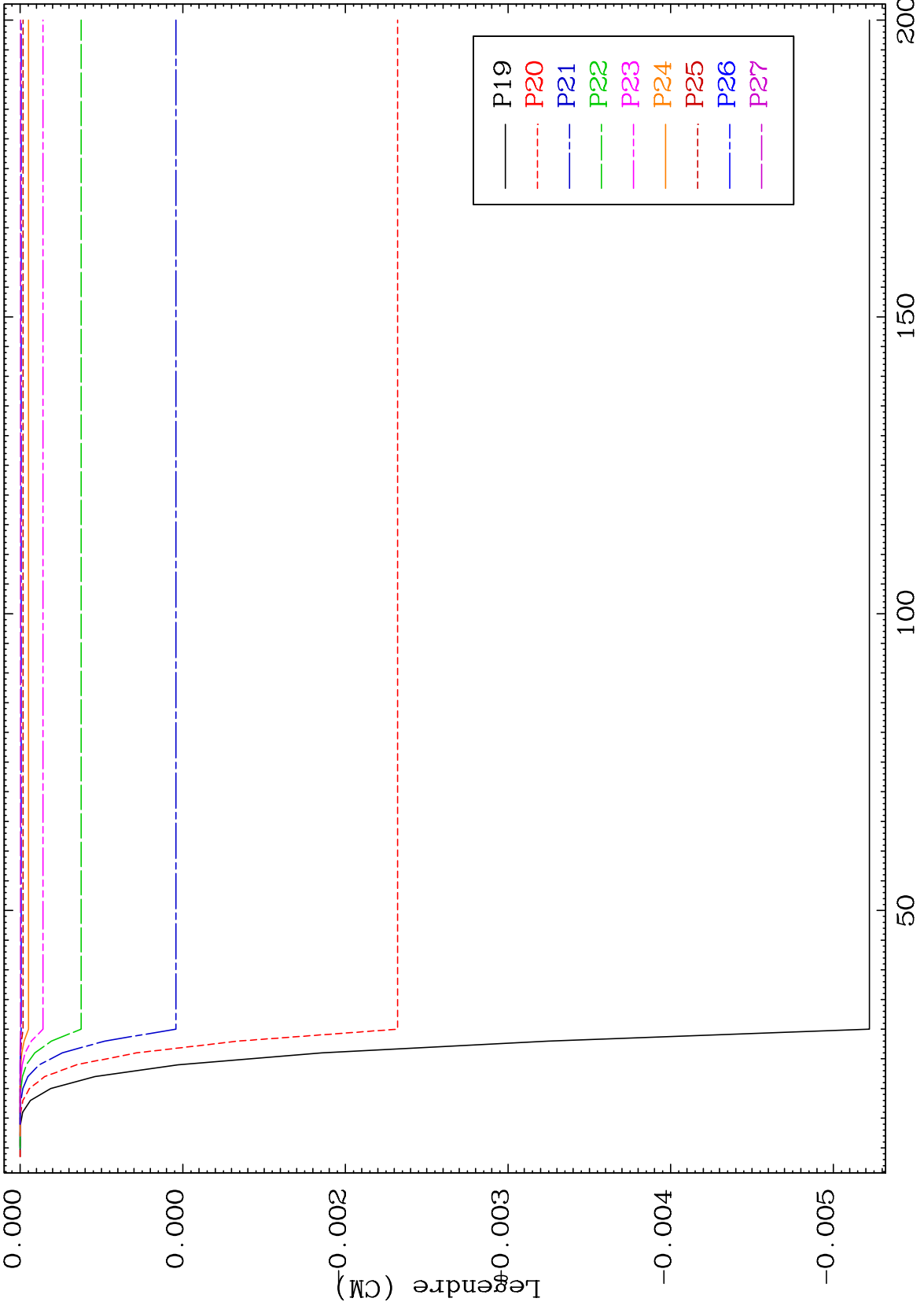
42-Mo-92



45

Incident Energy (MeV)

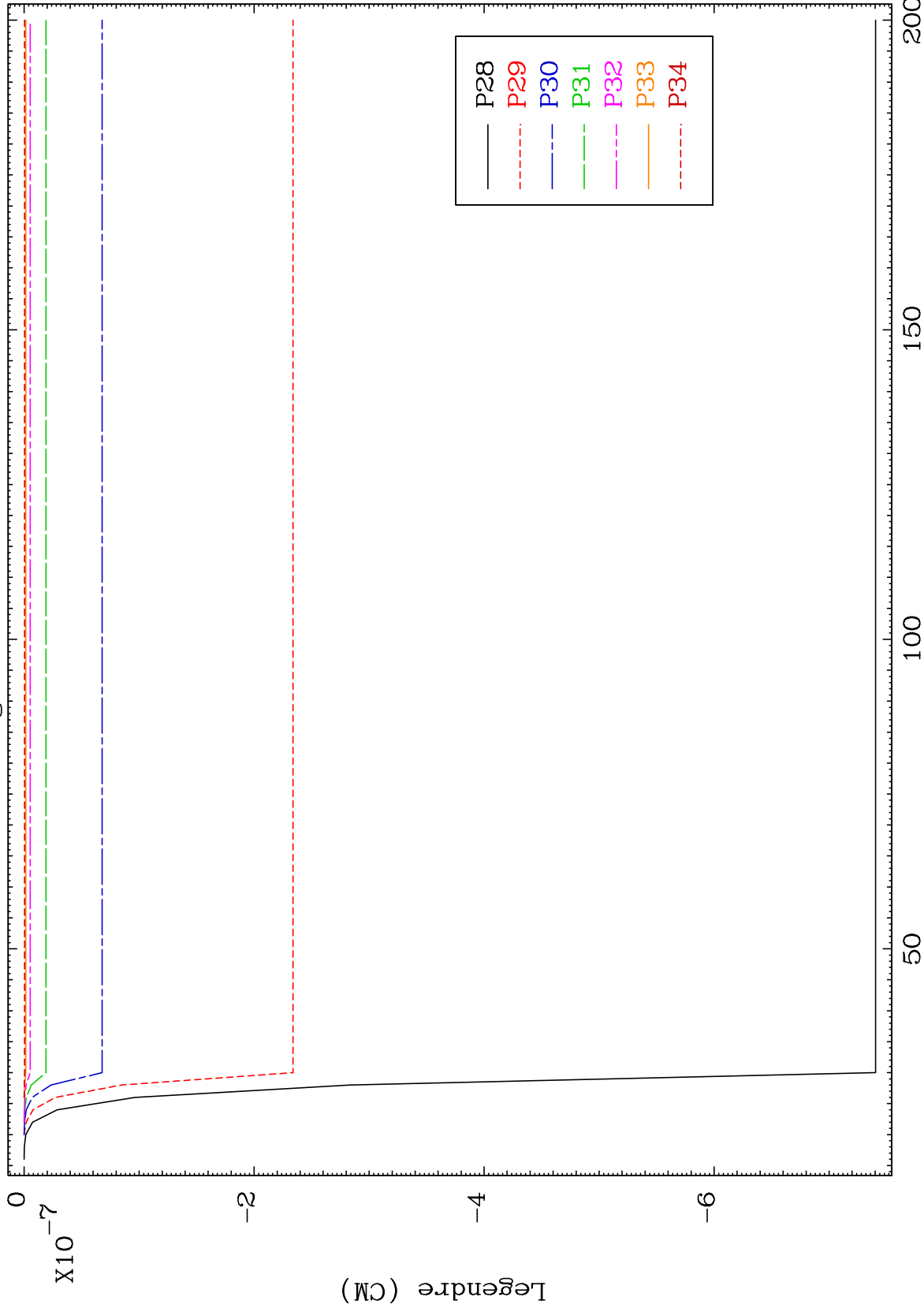
42-Mo-92



MAT 4225

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

42-Mo-92



47

Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



48

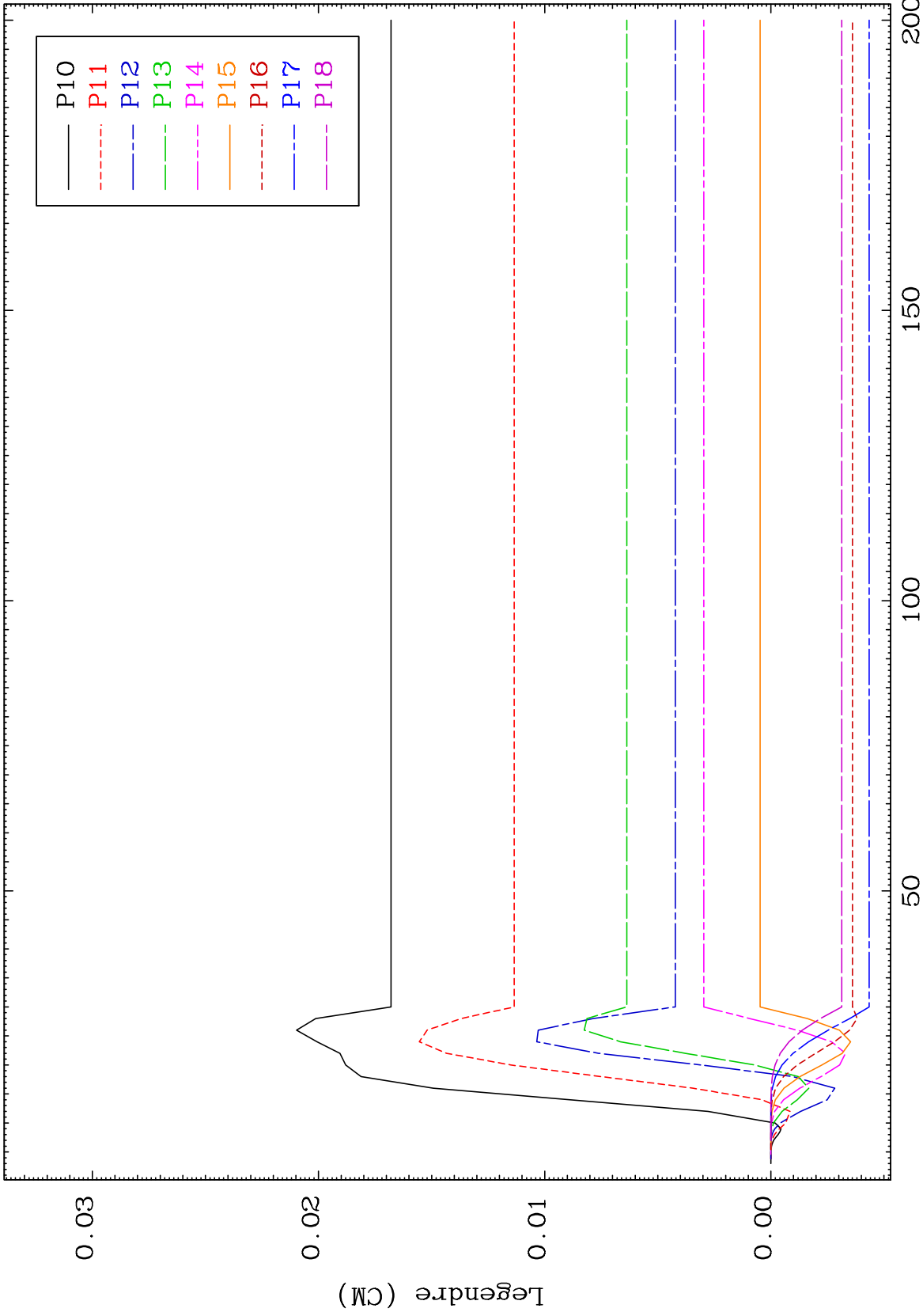
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



49

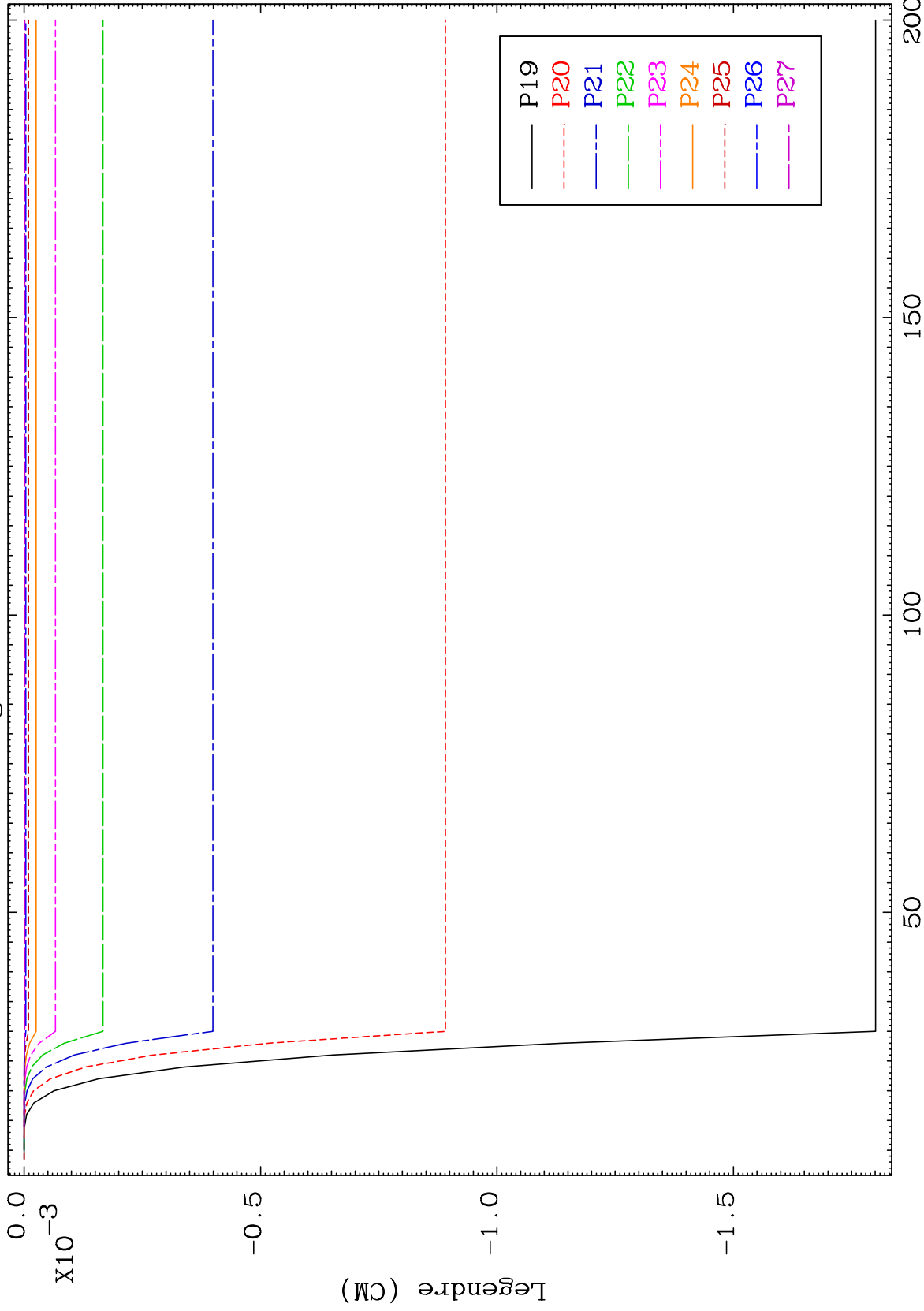
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



50

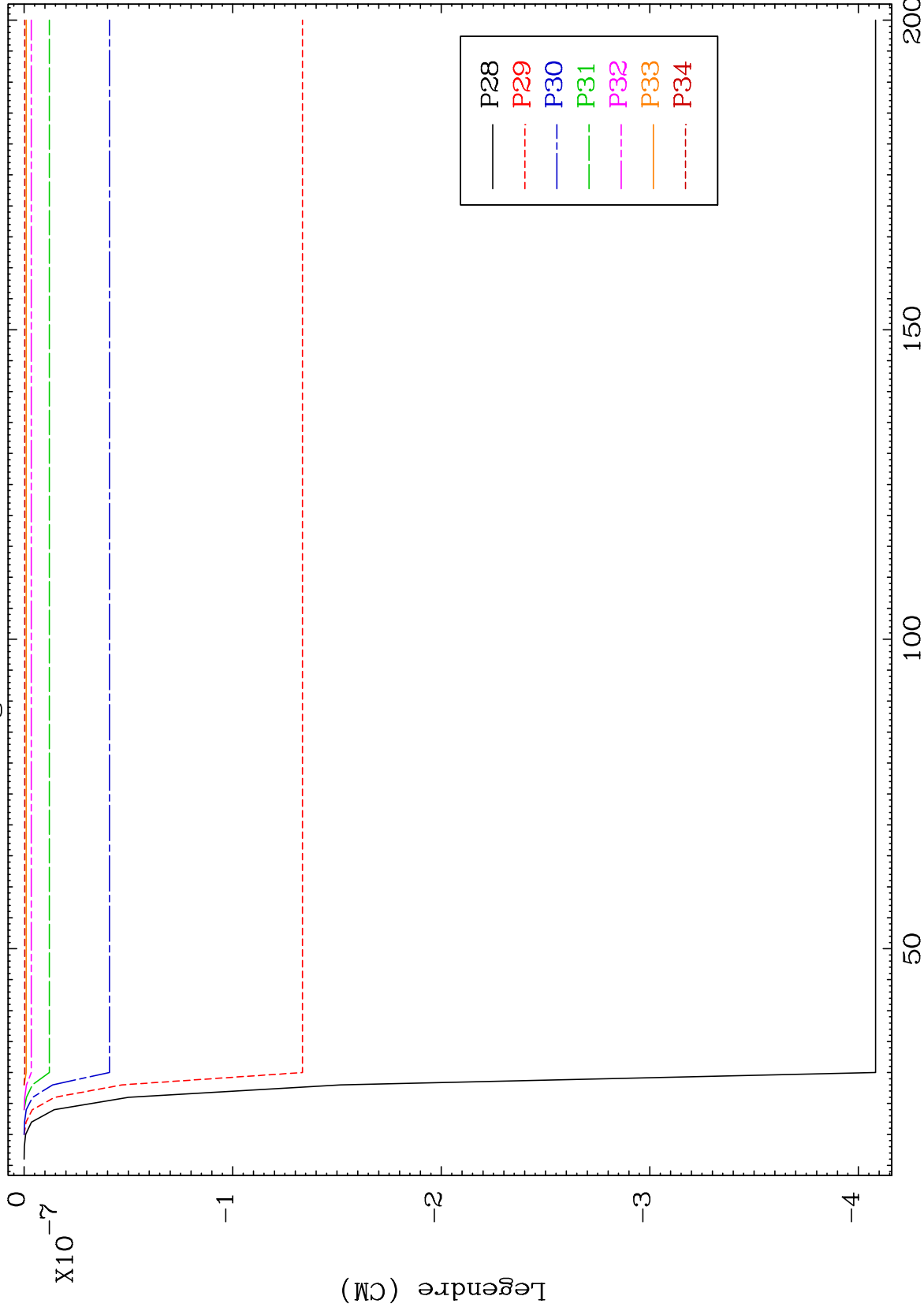
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



42-Mo-92

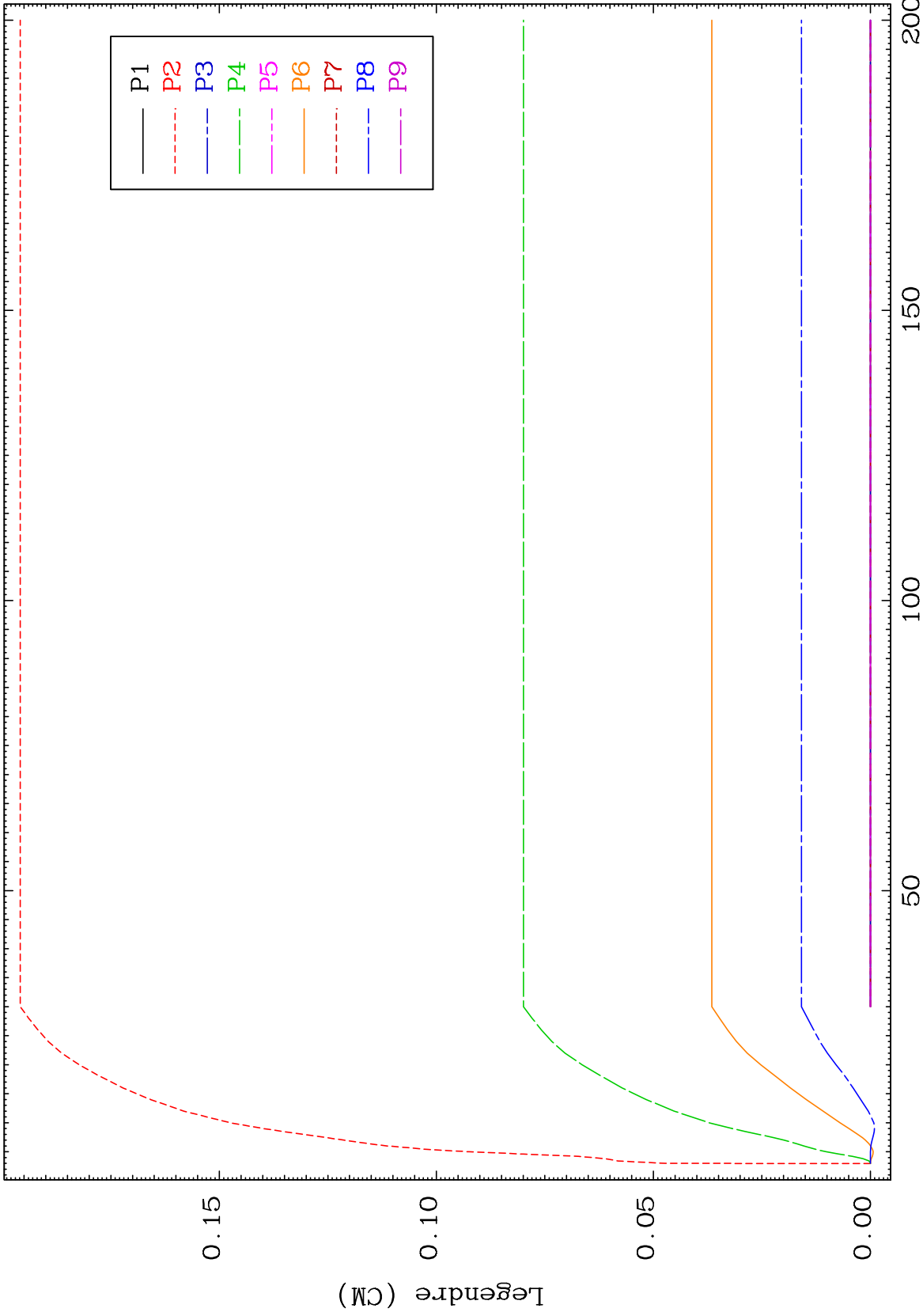
Incident Energy (MeV)

51

MAT 4225

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

42-Mo-92



52

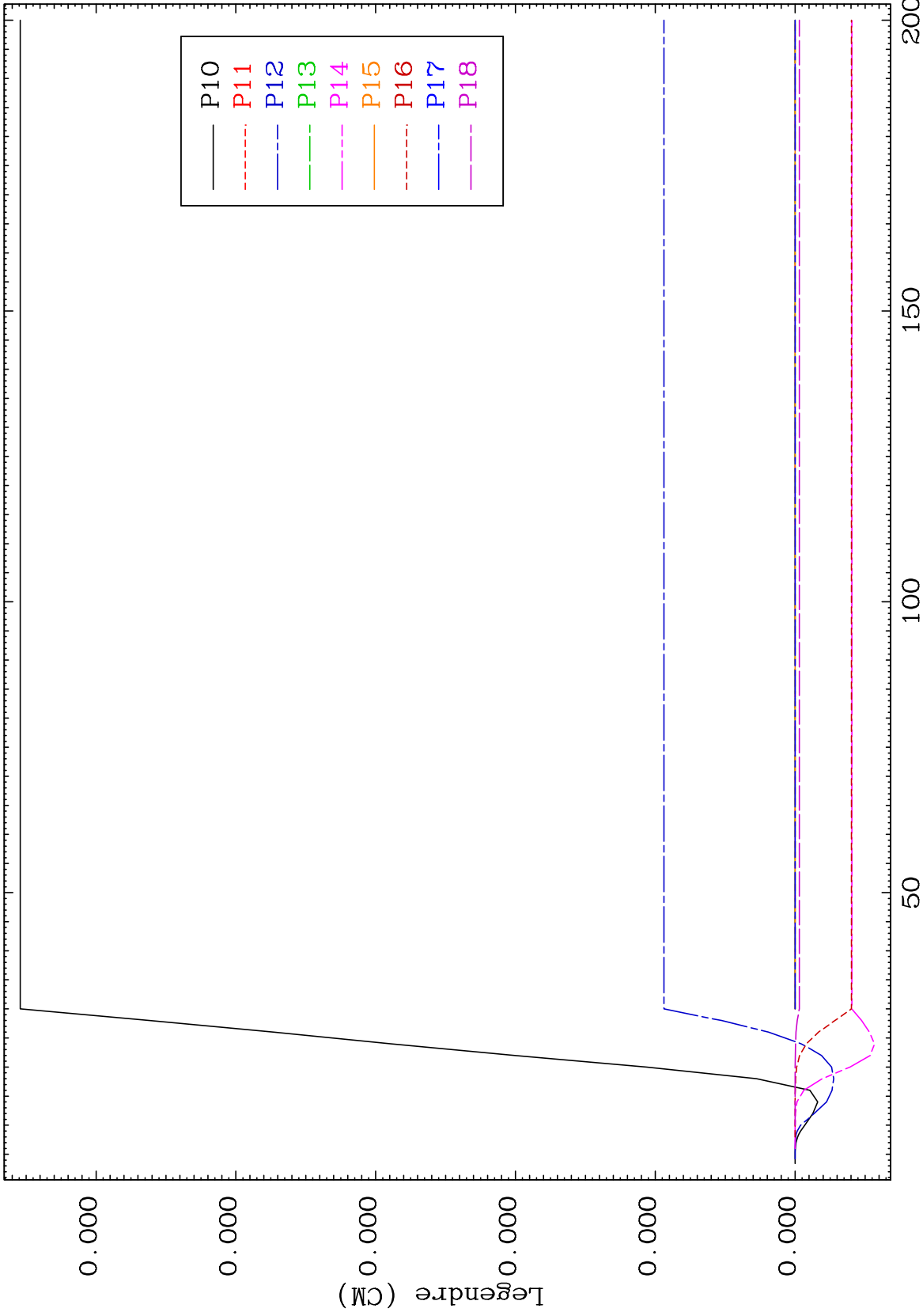
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



53

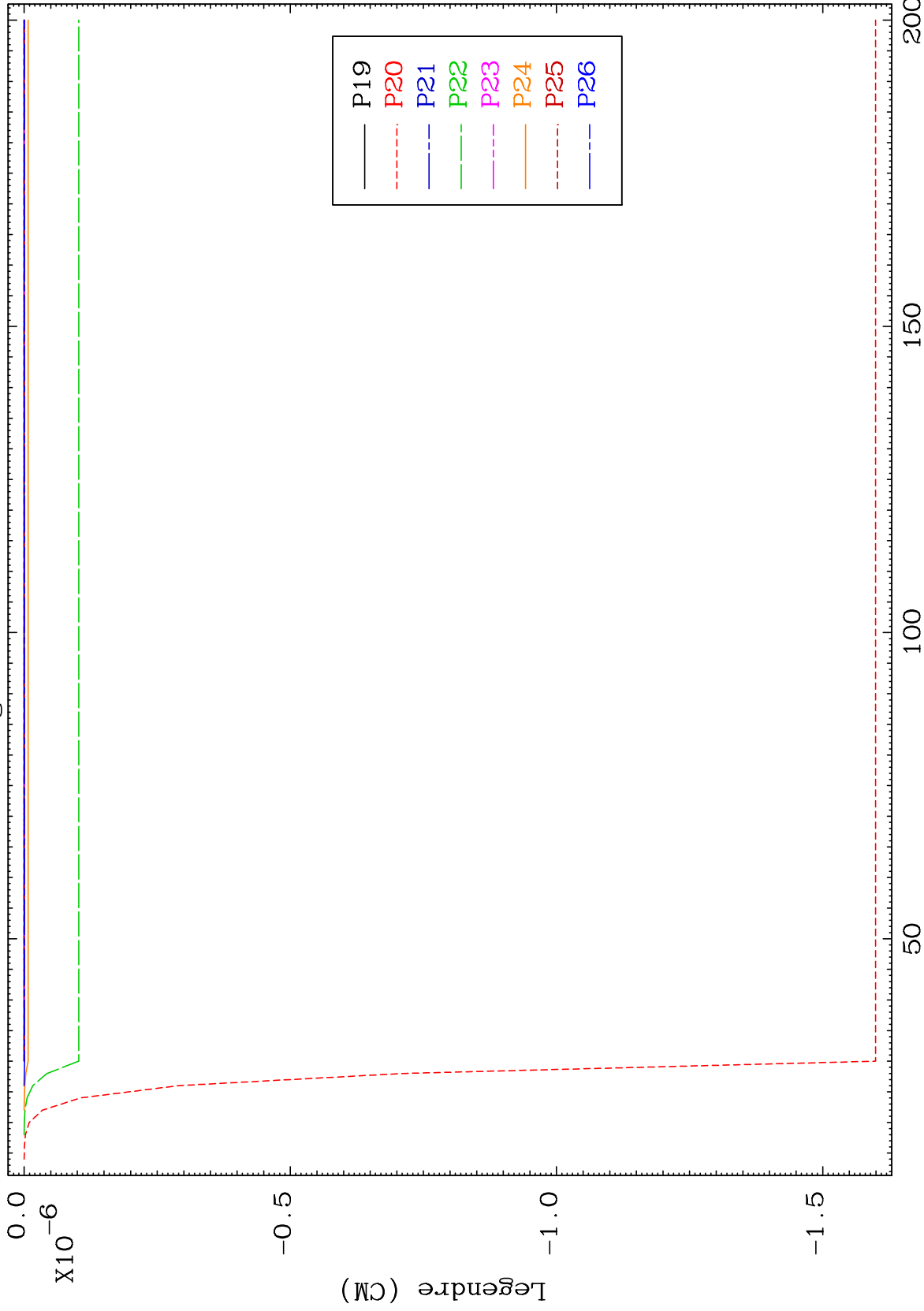
Incident Energy (MeV)

42-Mo-92

MAT 4225

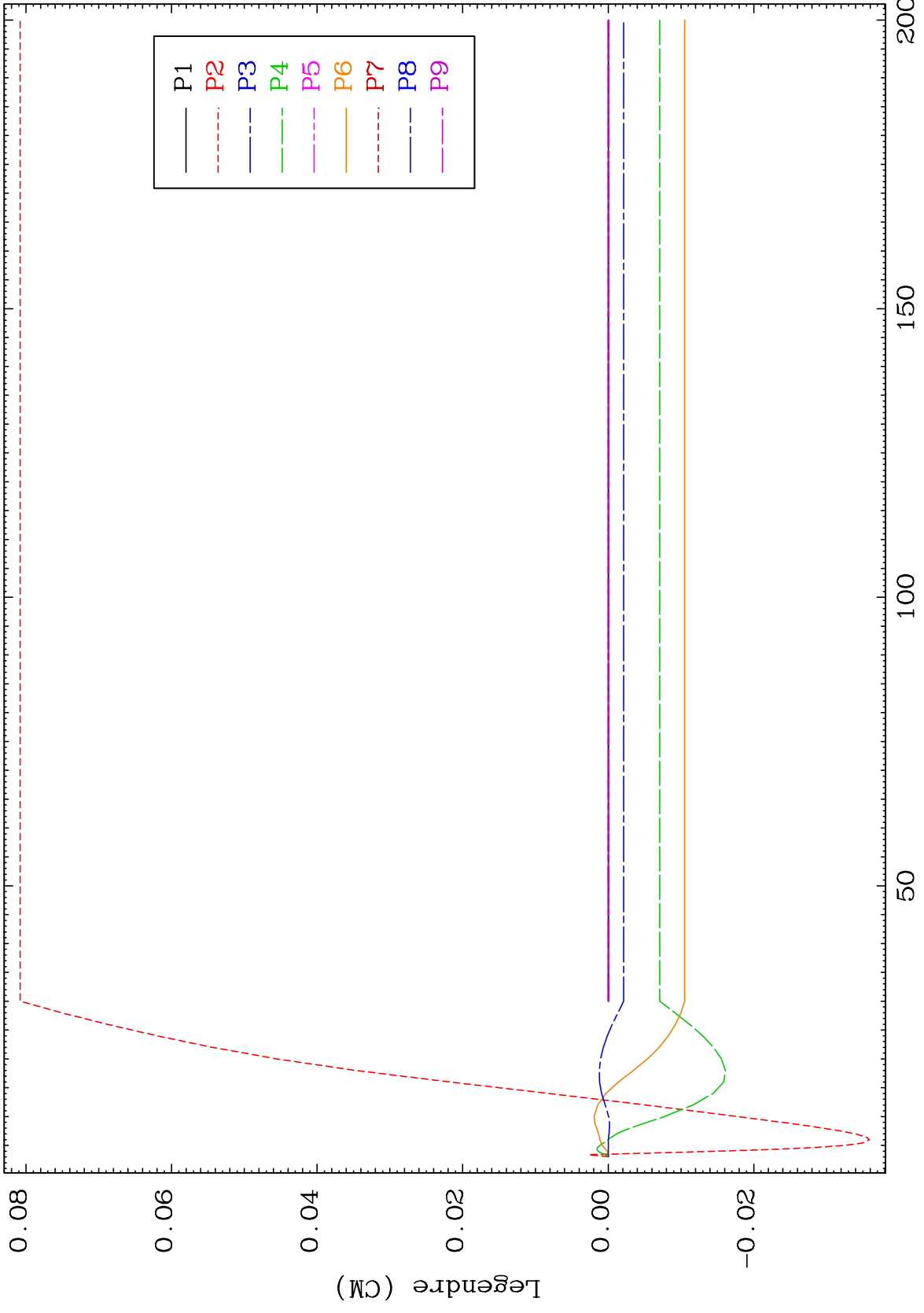
MT= 60 (n,n') Level
Legendre Coefficients

42-Mo-92

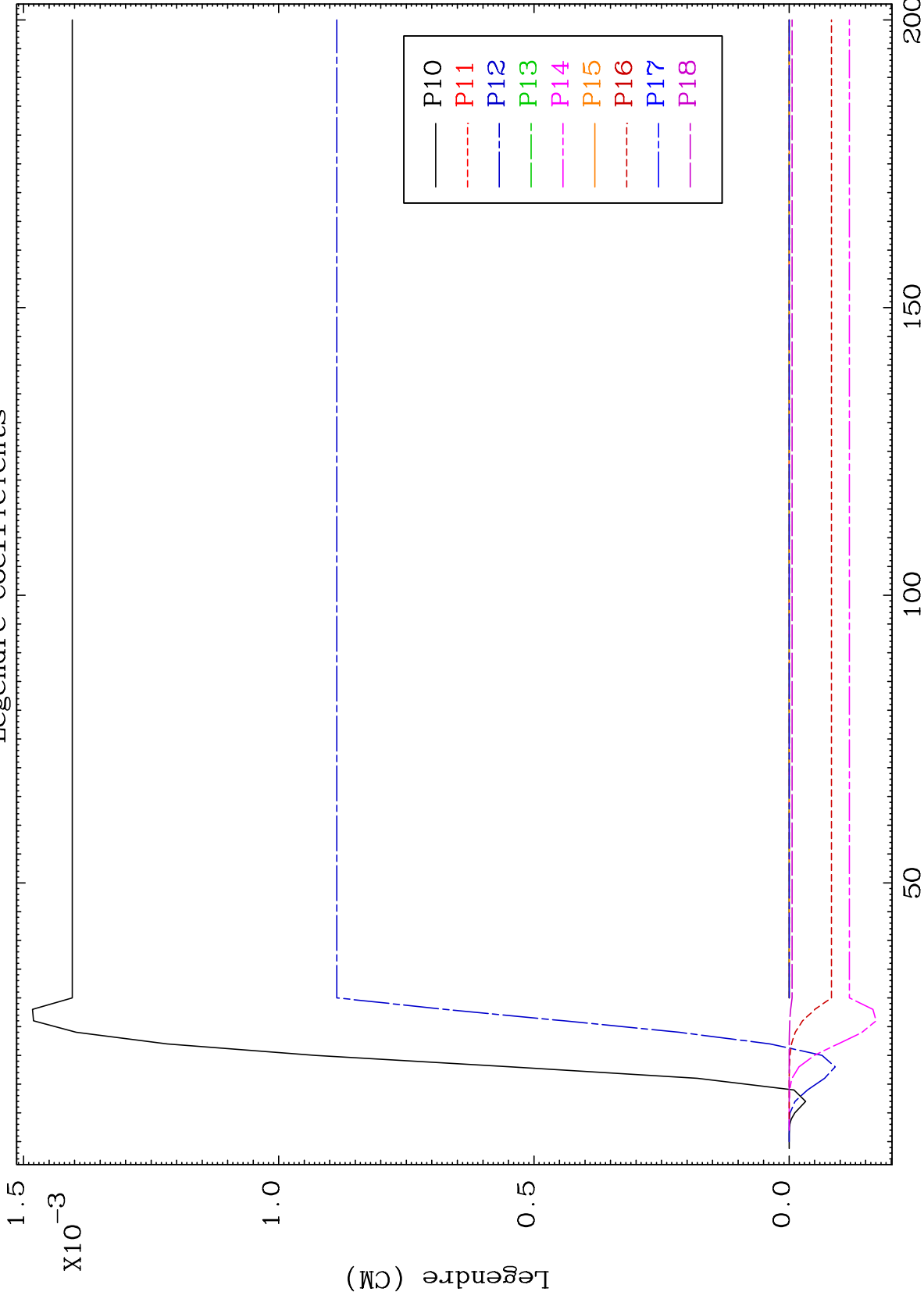


54

MAT 4225 MT= 61 (n,n') Level Legendre Coefficients 42-Mo-92



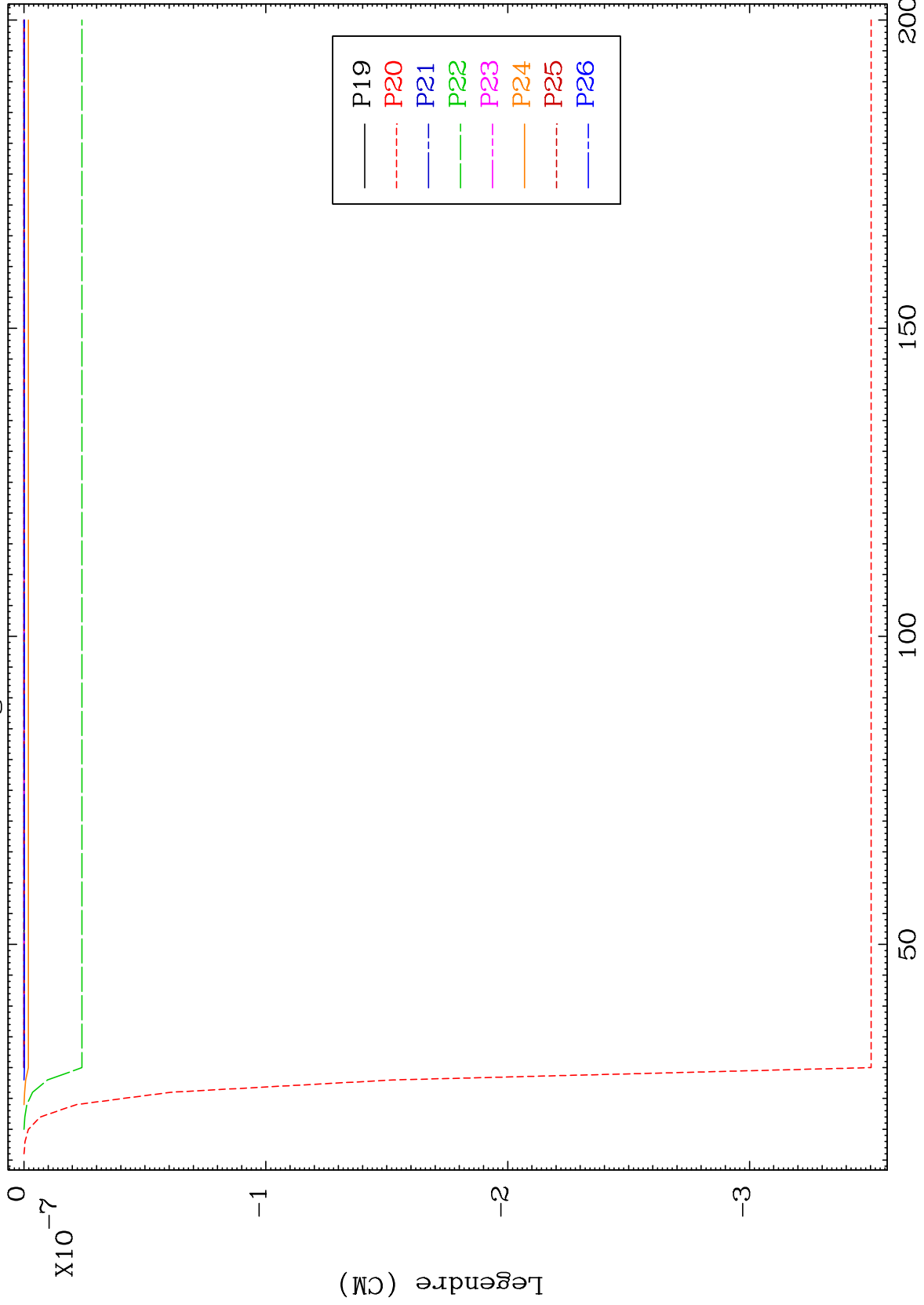
55 Incident Energy (MeV) 42-Mo-92



MAT 4225

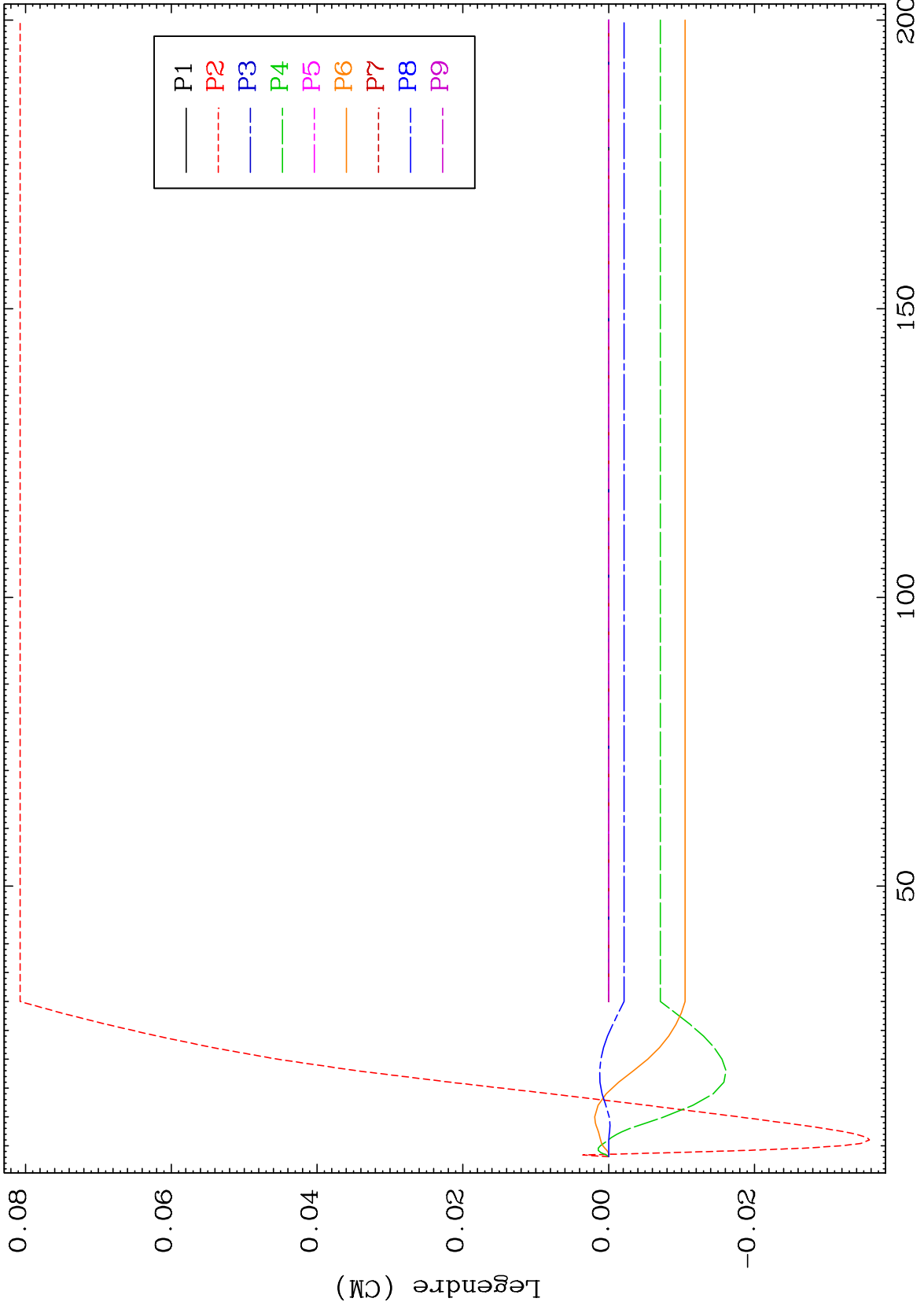
MT= 61 (n,n') Level
Legendre Coefficients

42-Mo-92



57

MAT 4225 MT= 62 (n,n') Level Legendre Coefficients 42-Mo-92

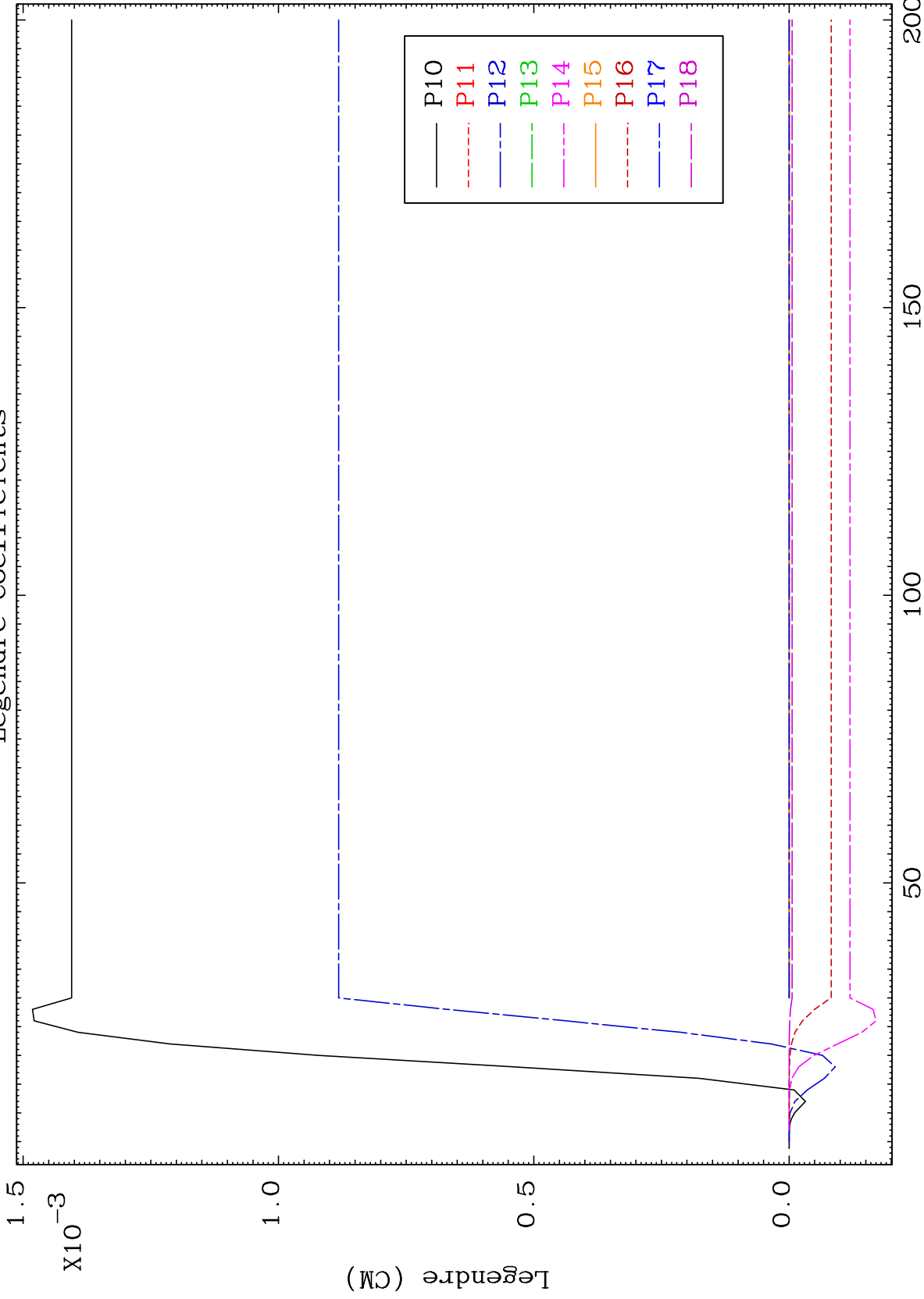


58 Incident Energy (MeV) 42-Mo-92

MAT 4225

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

42-Mo-92

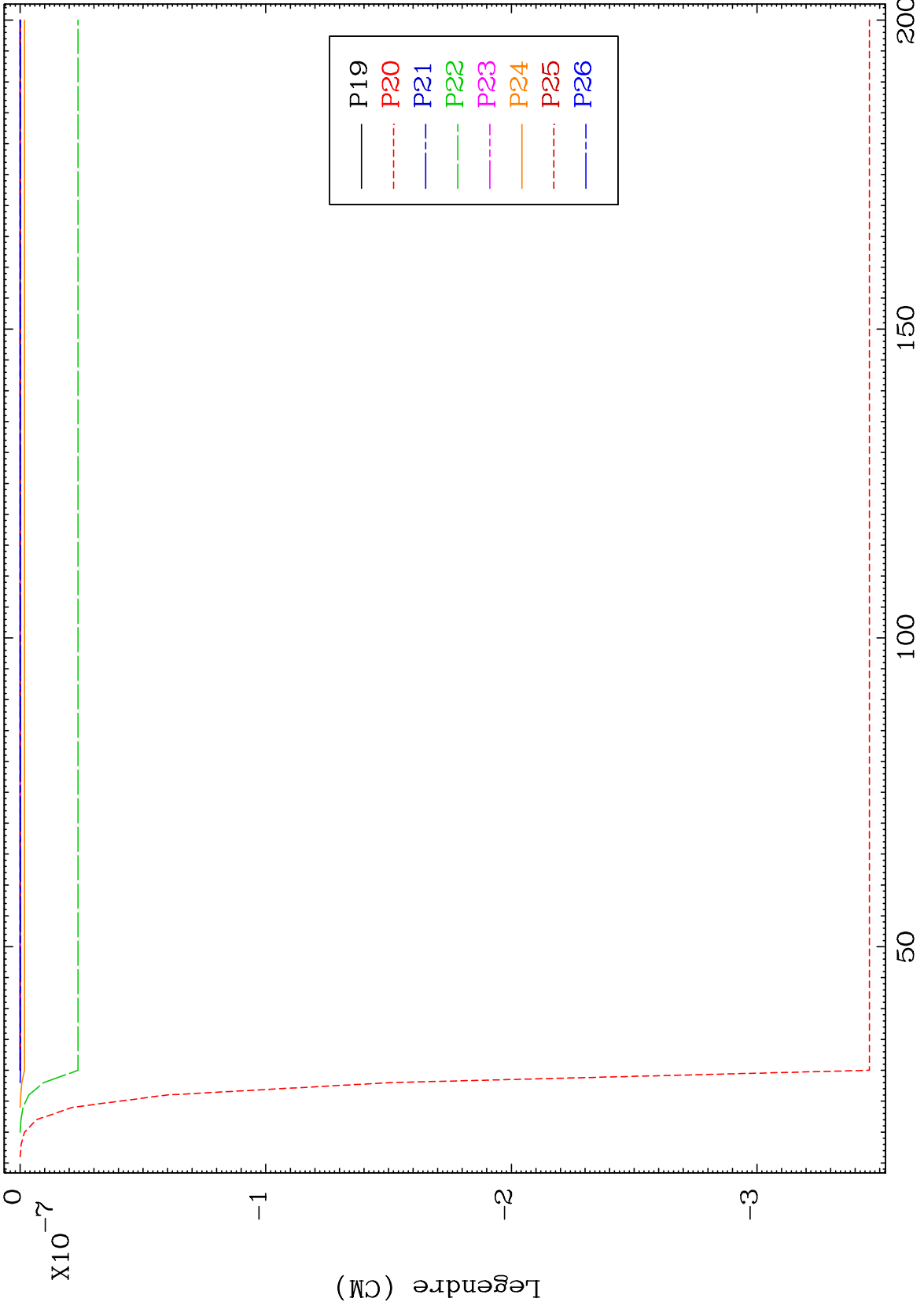


59

Incident Energy (MeV)

42-Mo-92

MAT 4225 MT= 62 (n,n') Level Legendre Coefficients 42-Mo-92

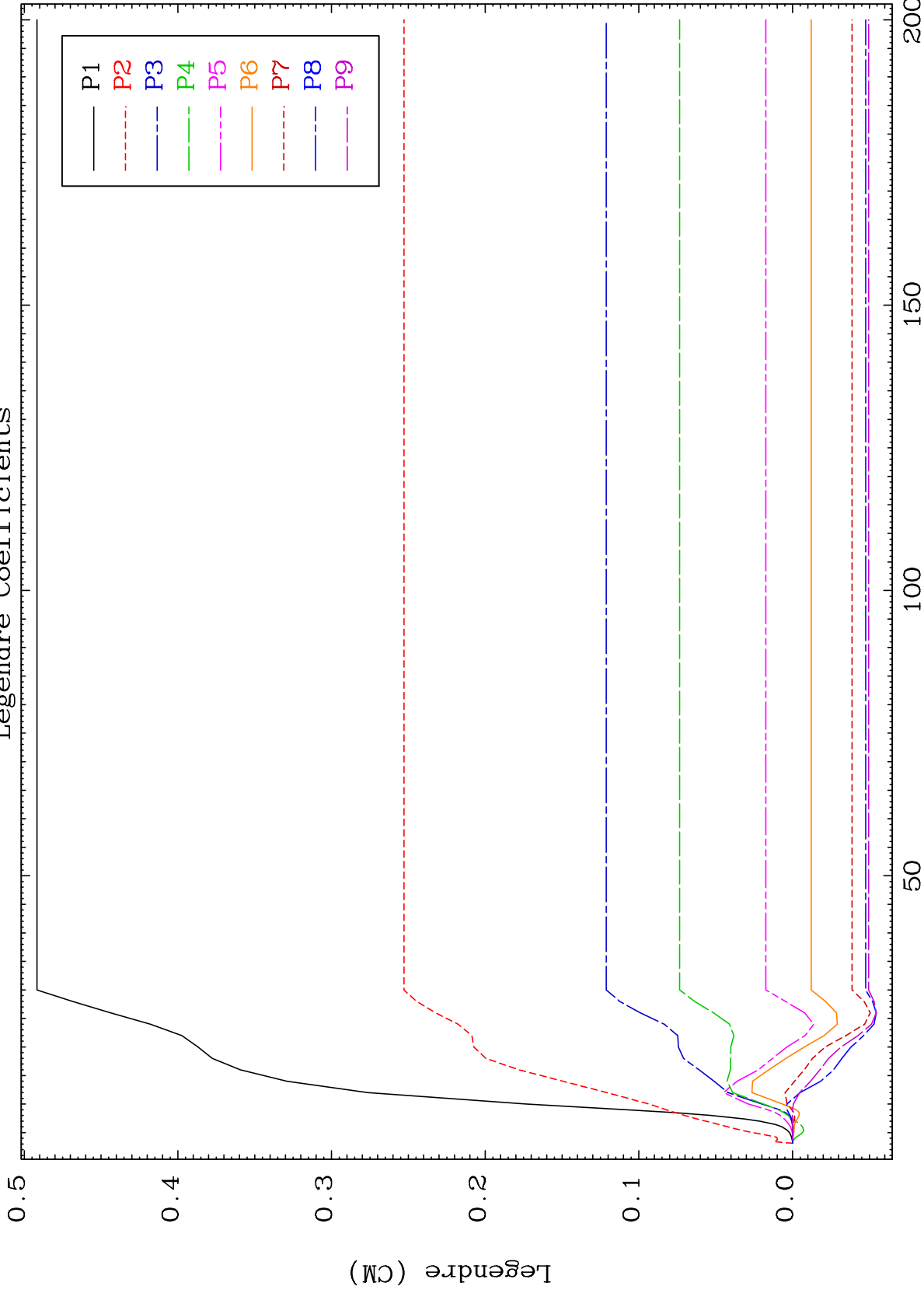


60 100 150 200 42-Mo-92

MAT 4225

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

42-Mo-92



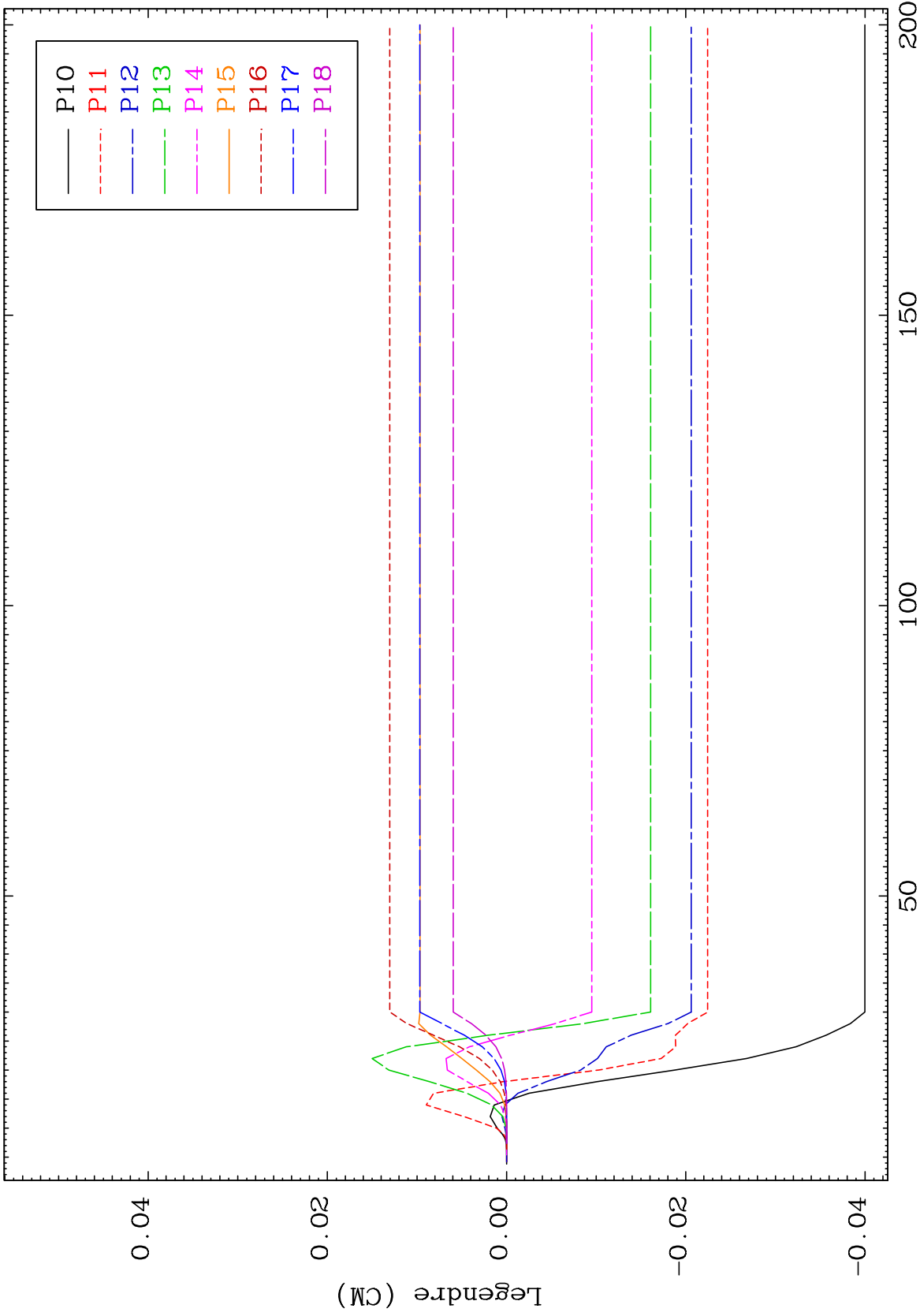
61

42-Mo-92

MAT 4225

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

42-Mo-92



62

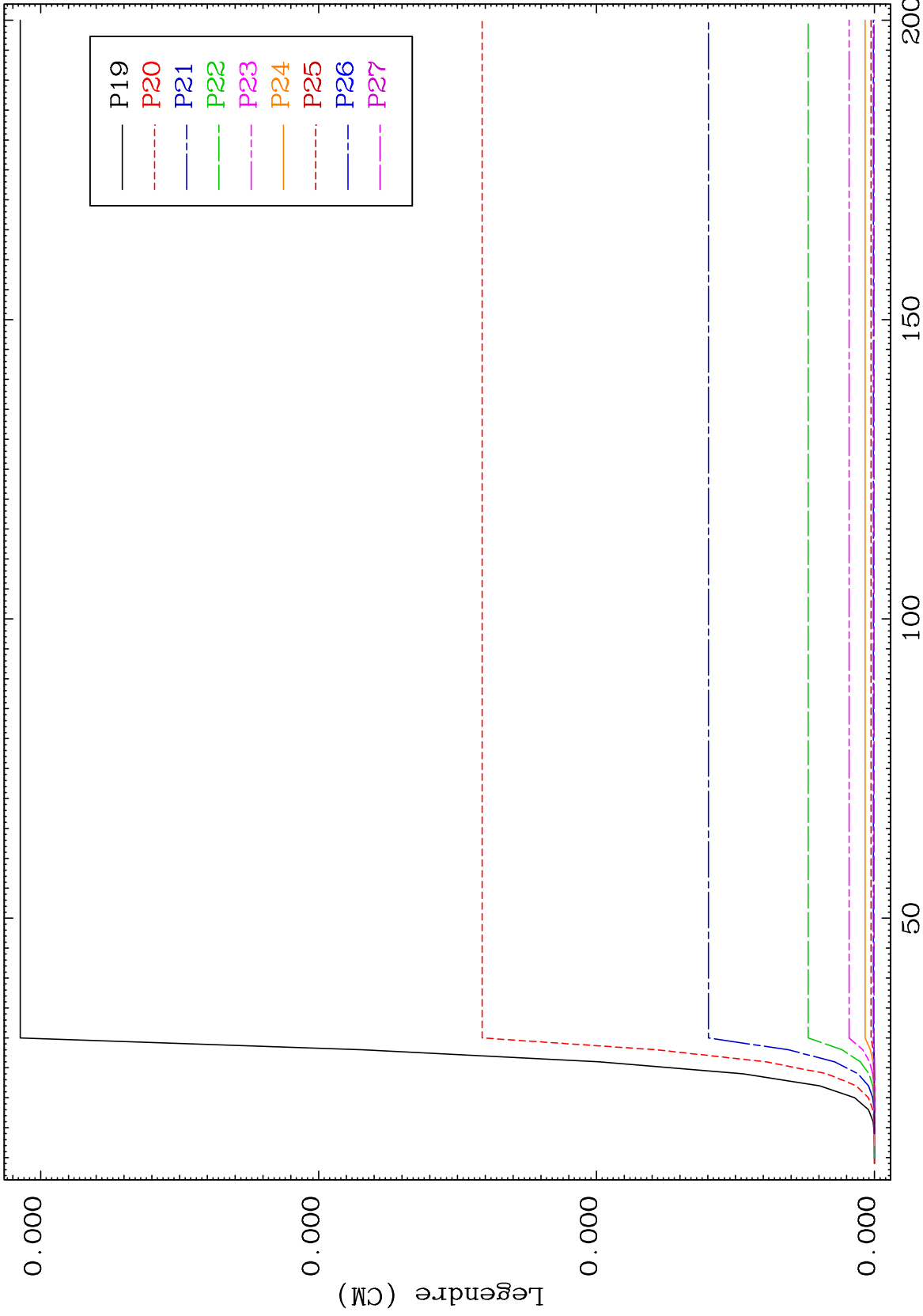
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



63

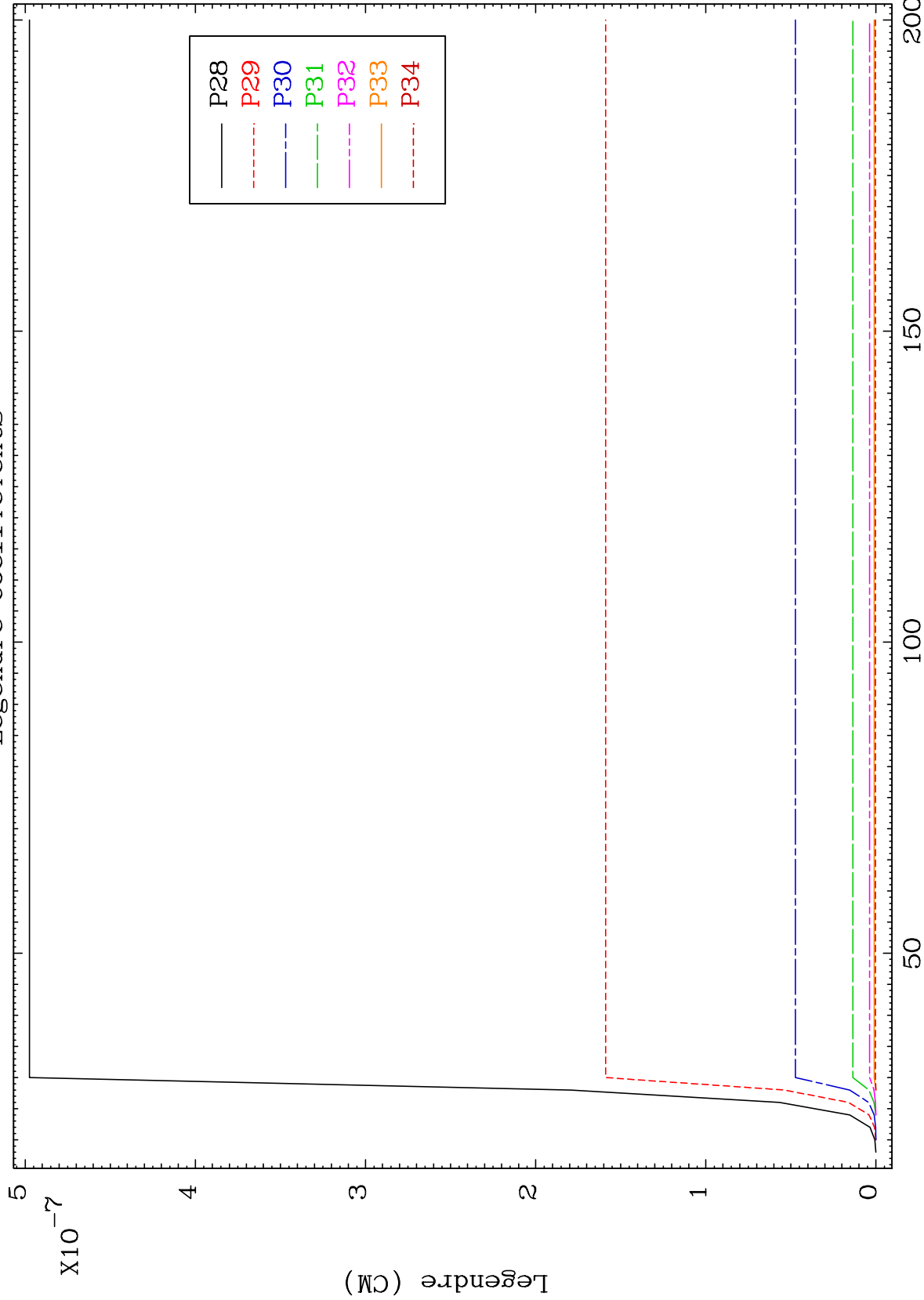
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



64

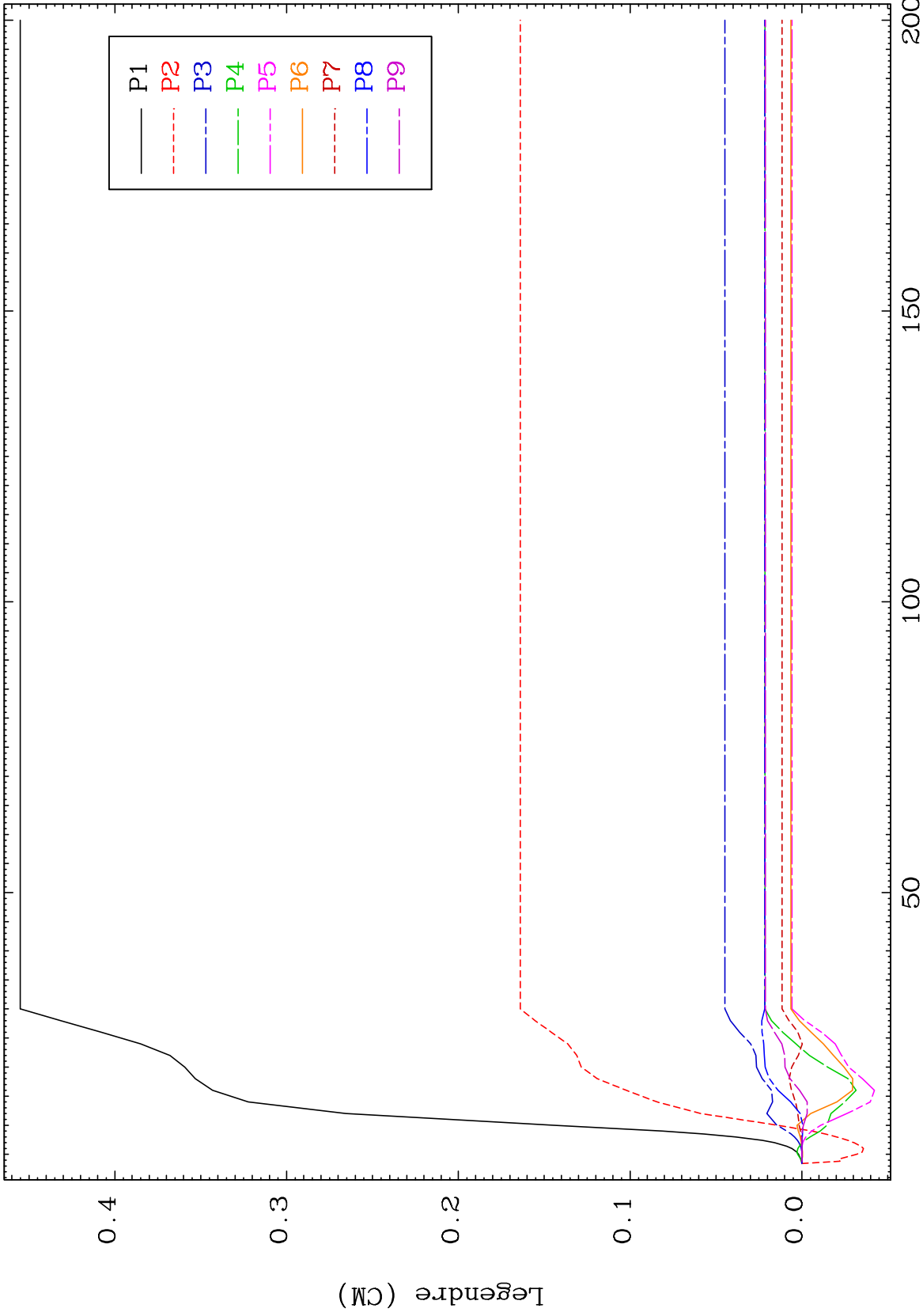
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



65

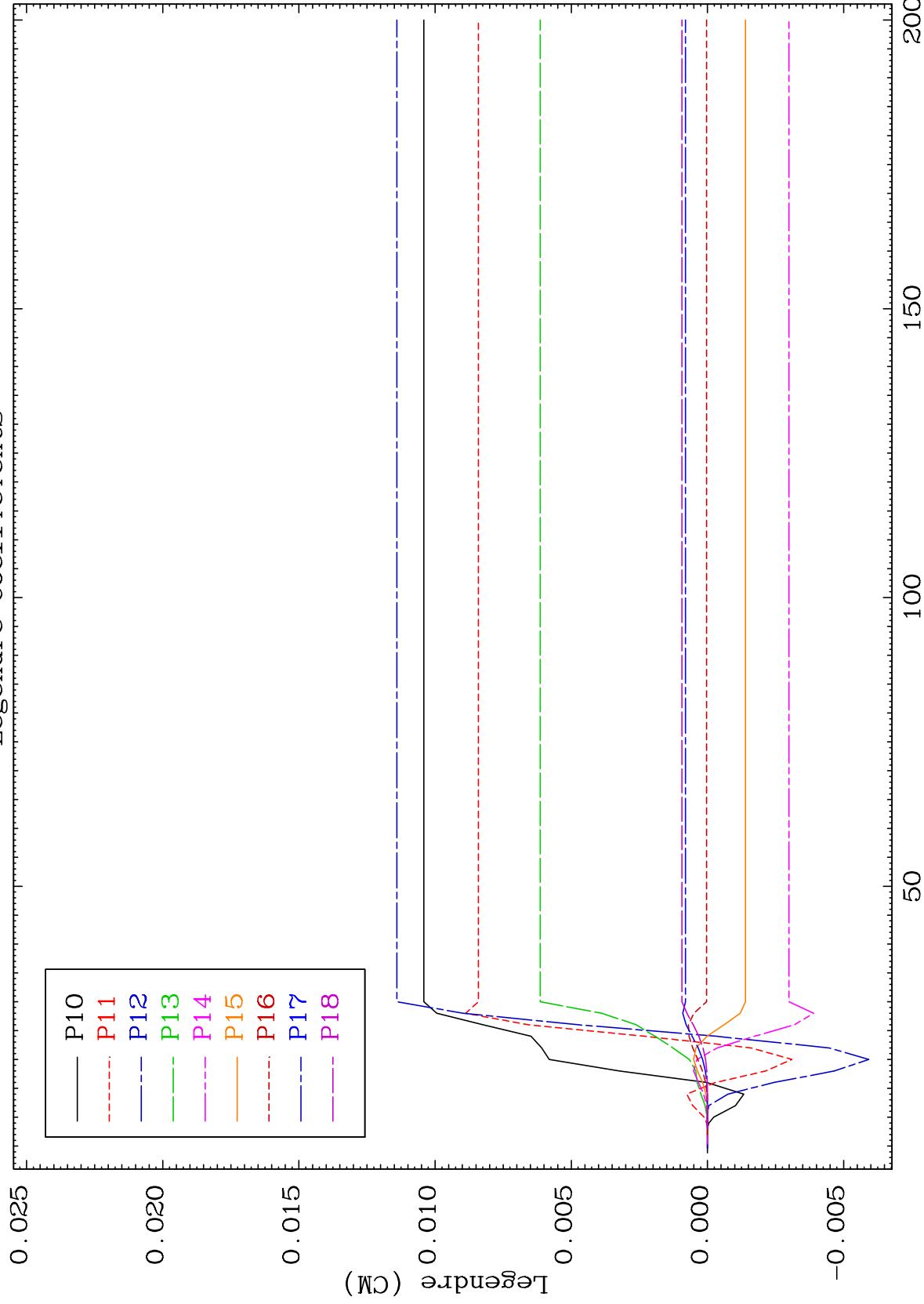
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



66

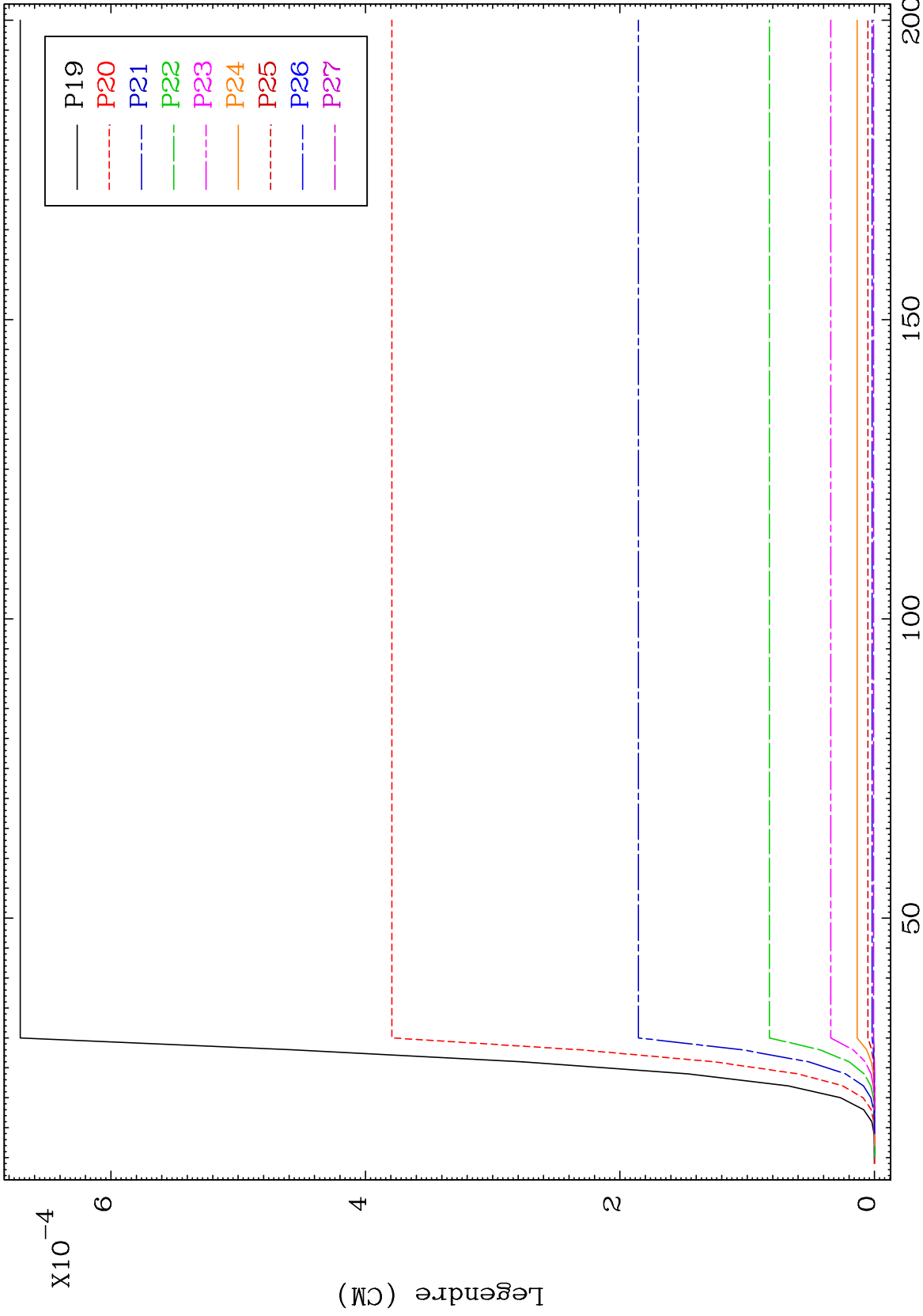
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



67

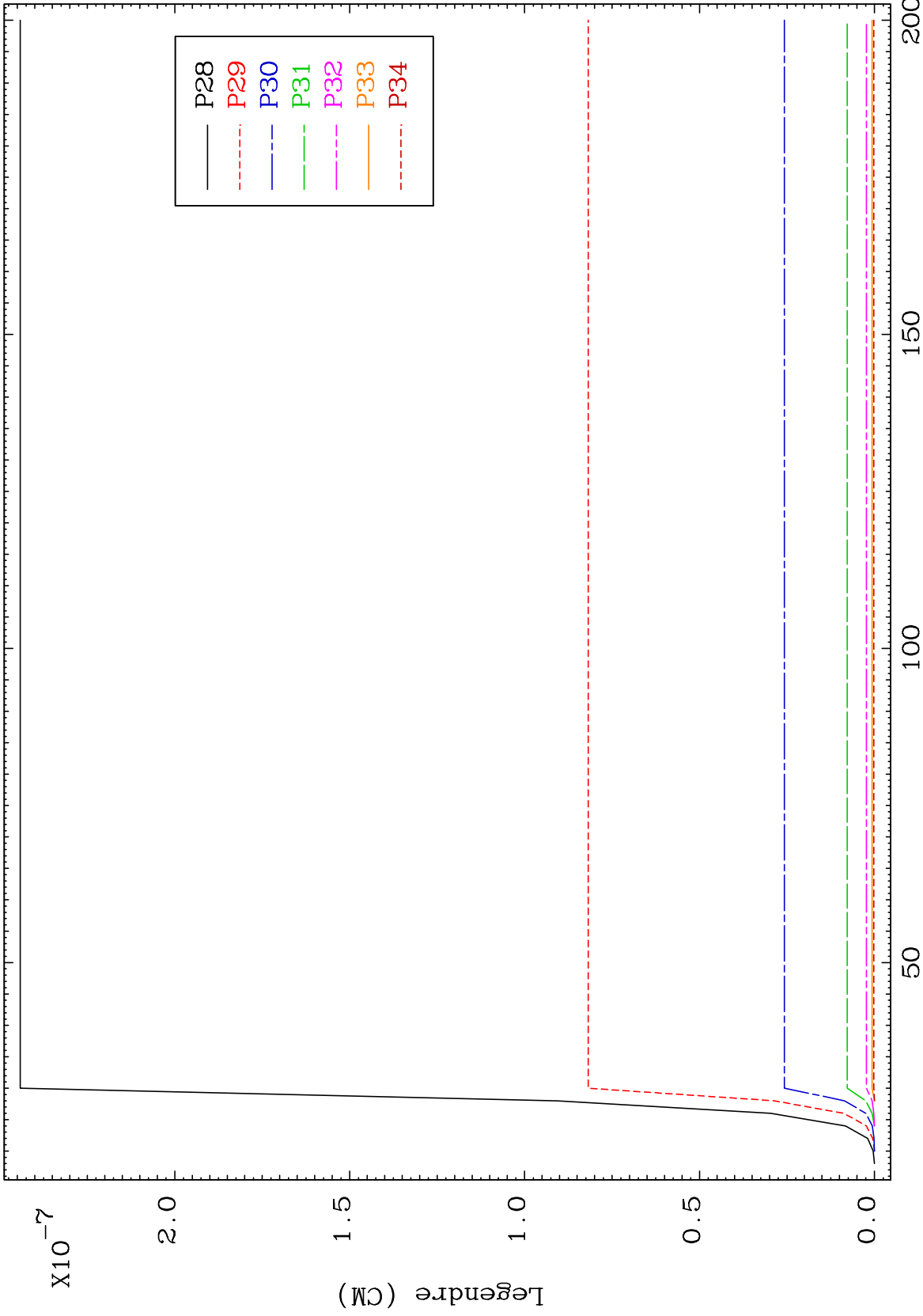
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



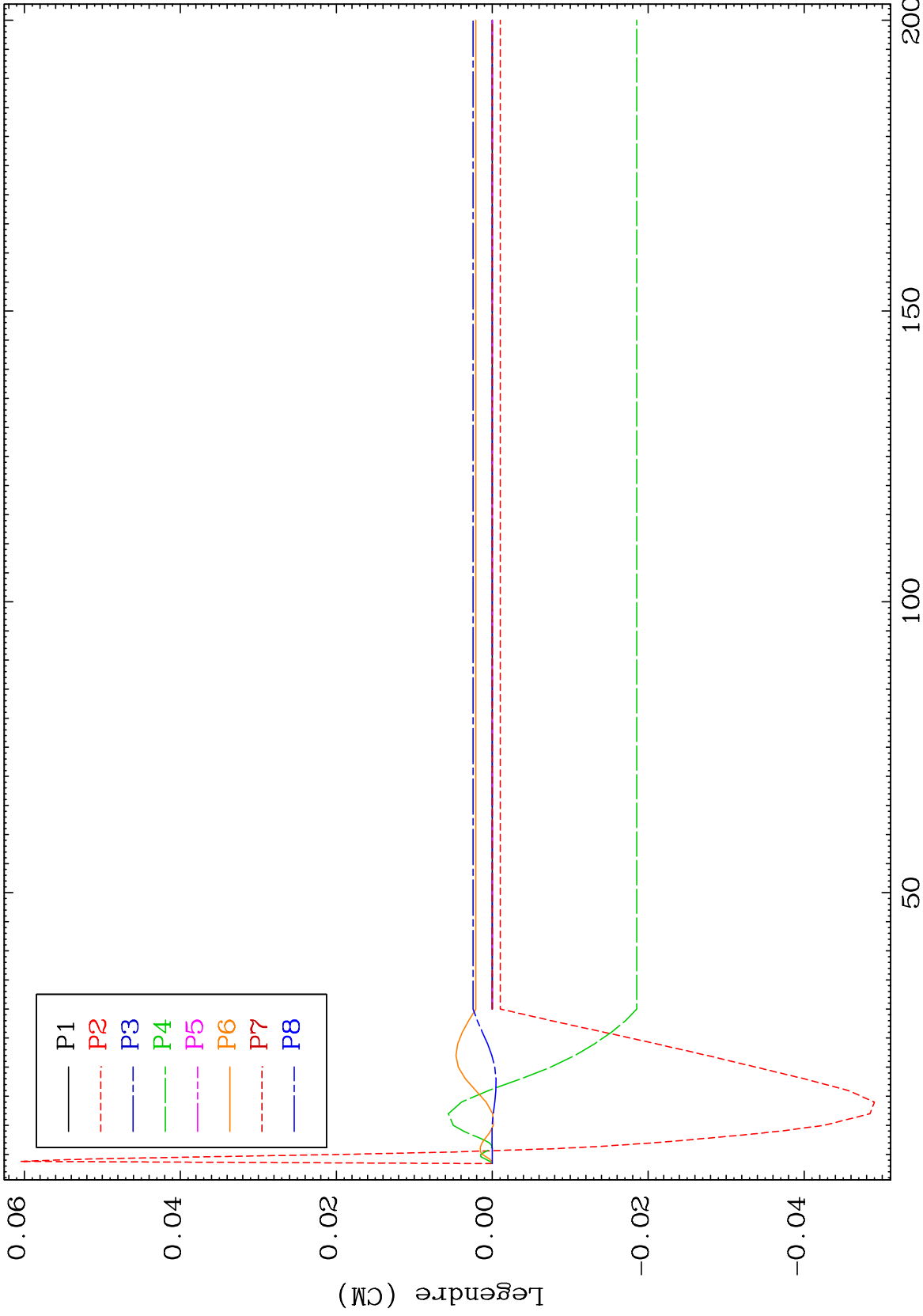
68

42-Mo-92

MAT 4225

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

42-Mo-92



69

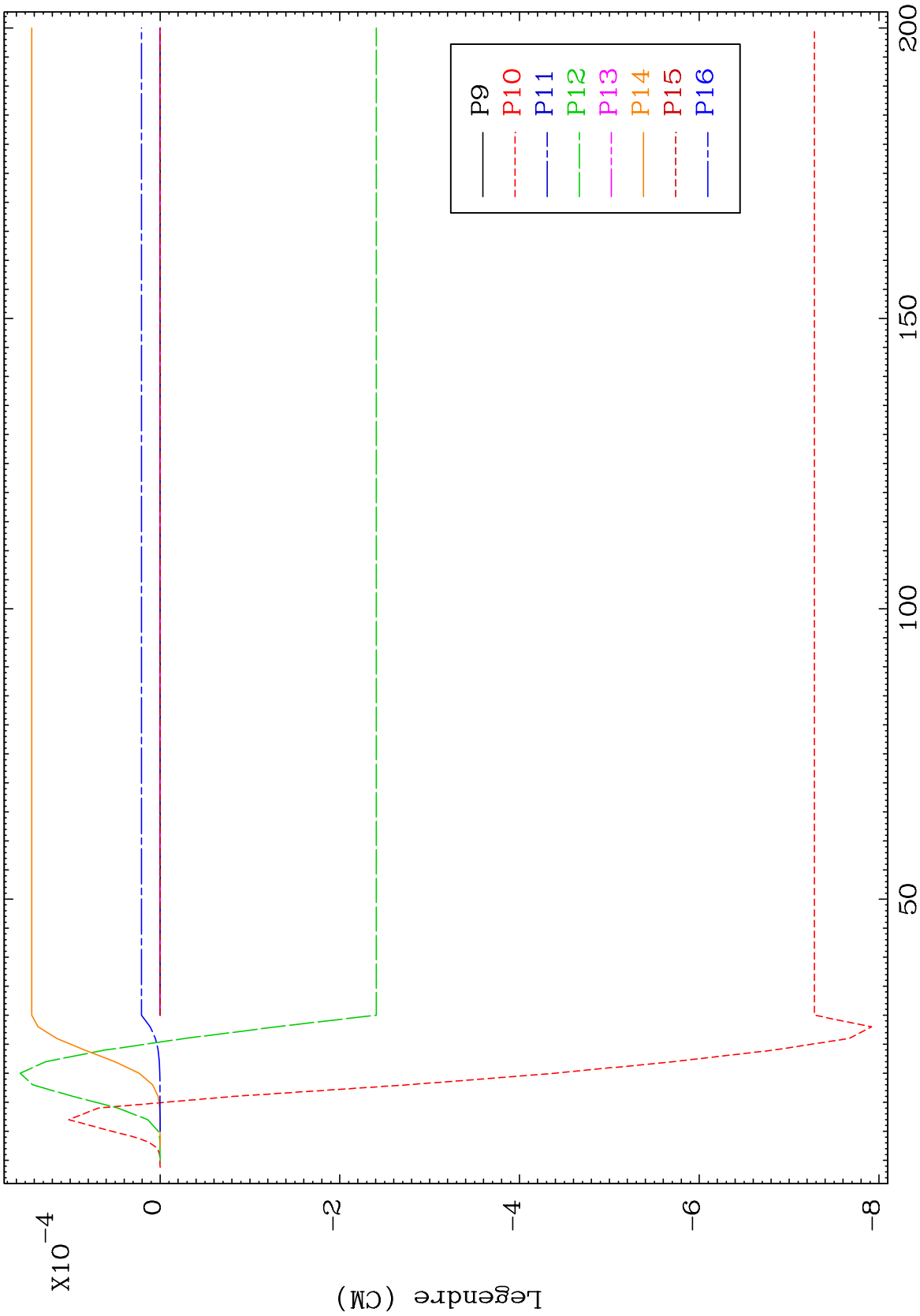
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92

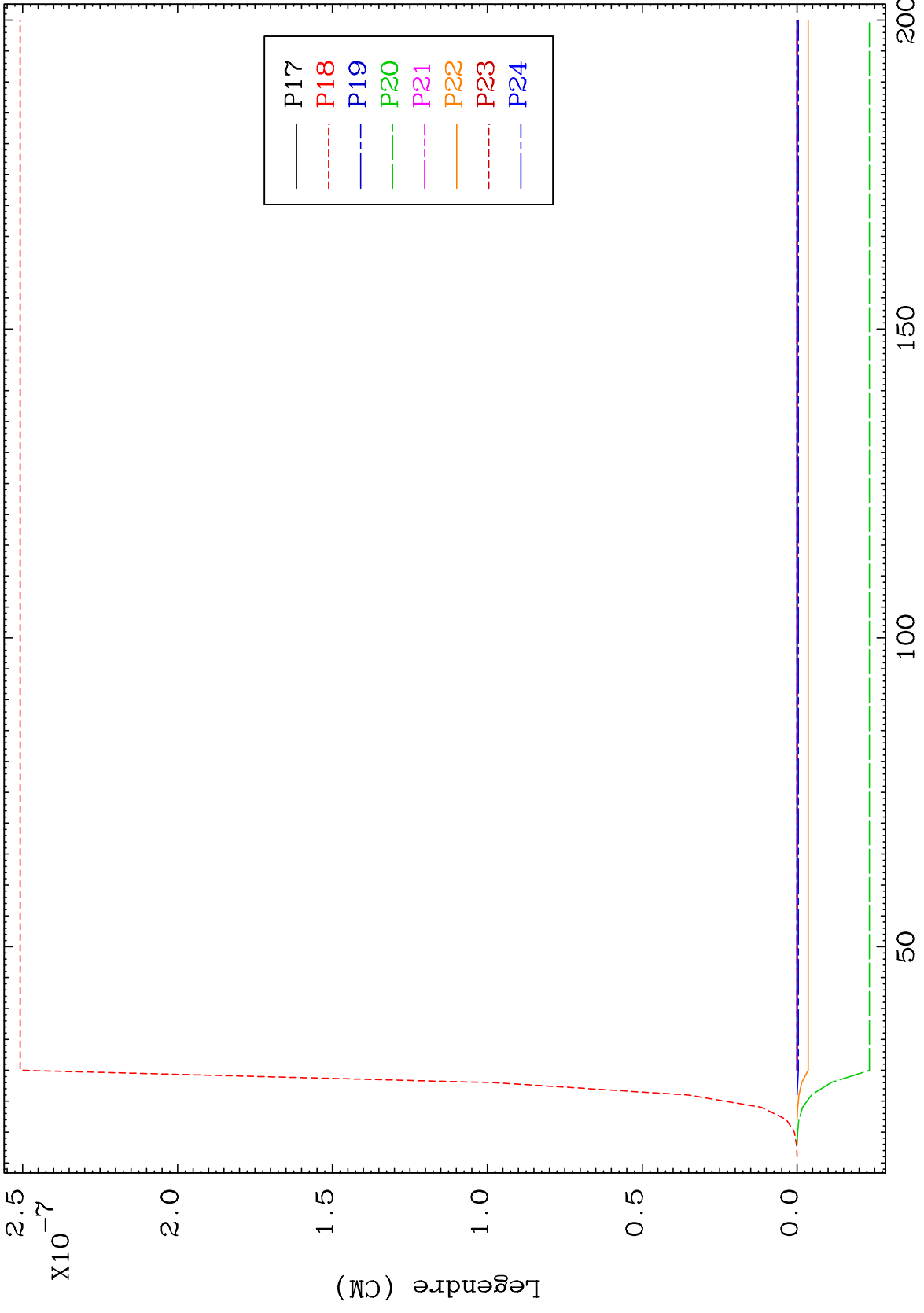


70

Incident Energy (MeV)

42-Mo-92

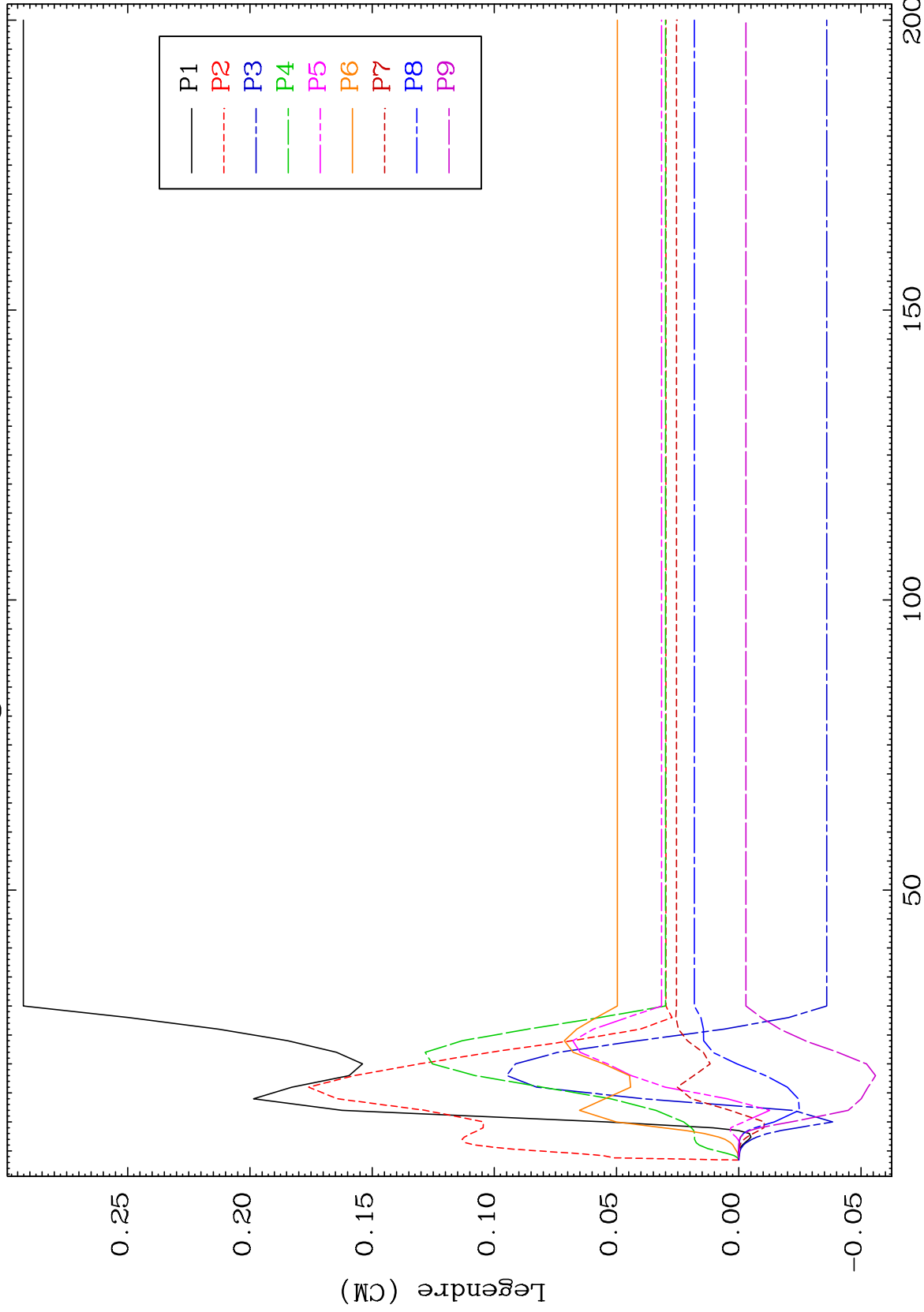
MAT 4225 MT= 65 (n,n') Level Legendre Coefficients 42-Mo-92



MAT 4225

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

42-Mo-92



72

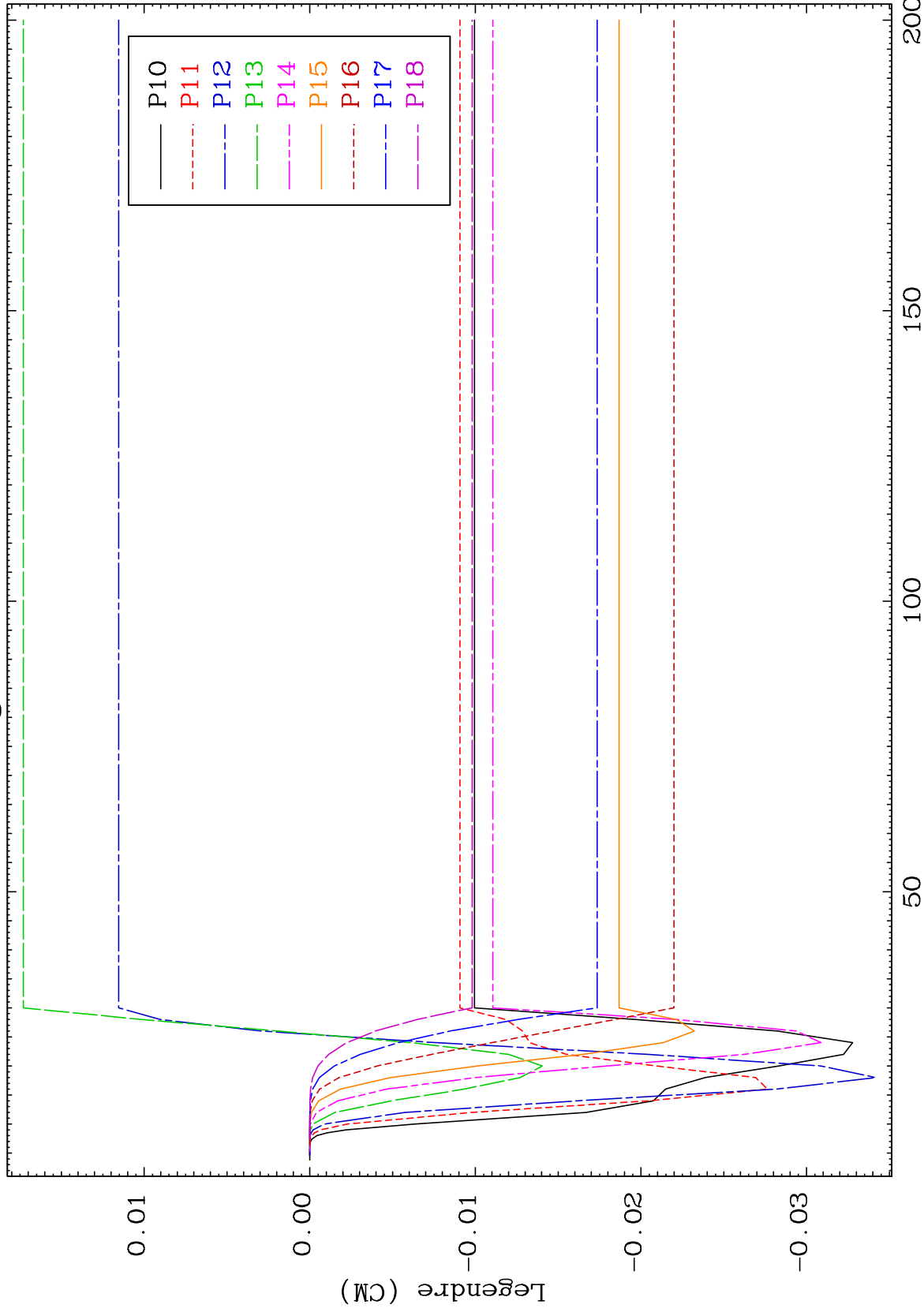
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92

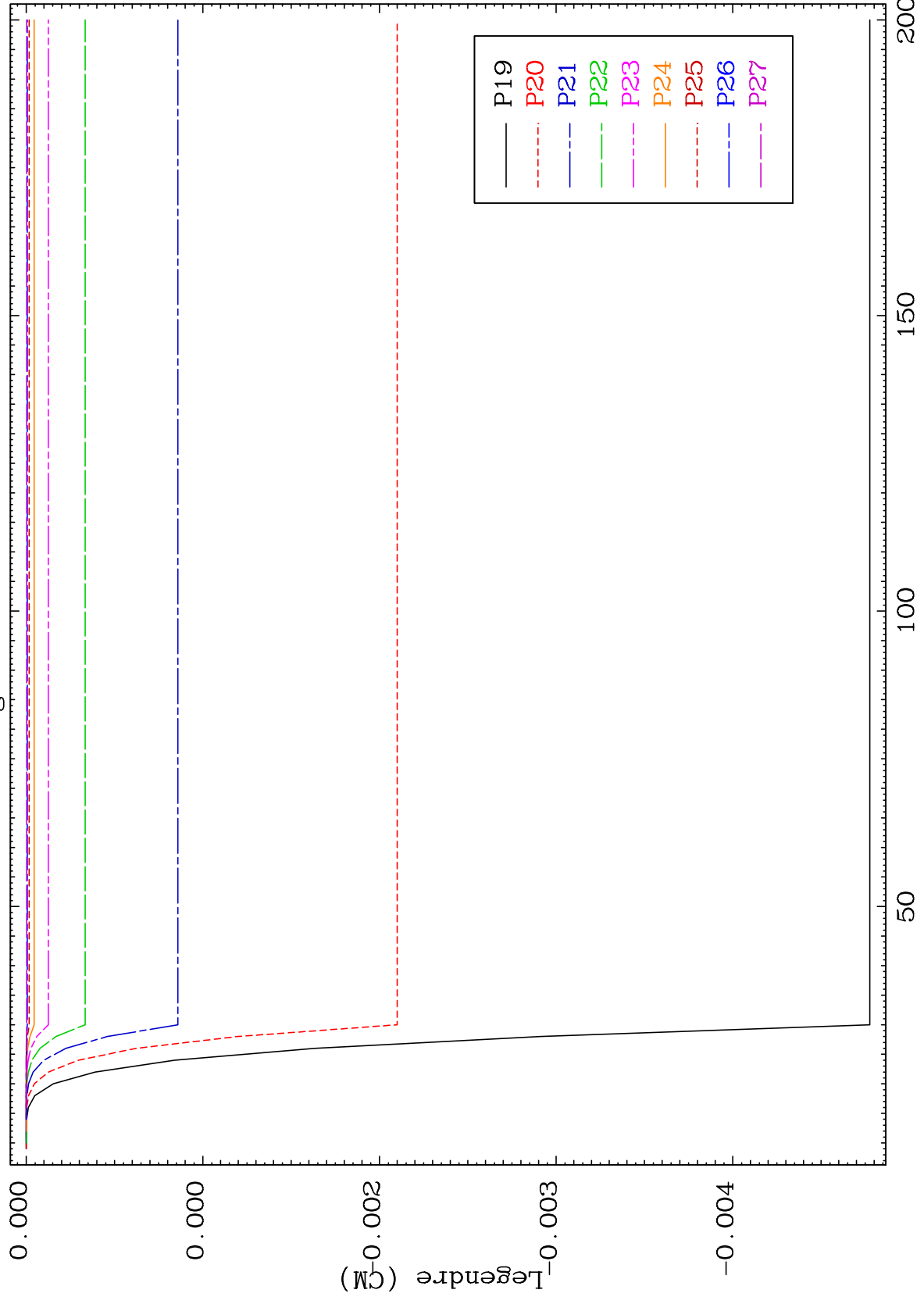


73

Incident Energy (MeV)

42-Mo-92

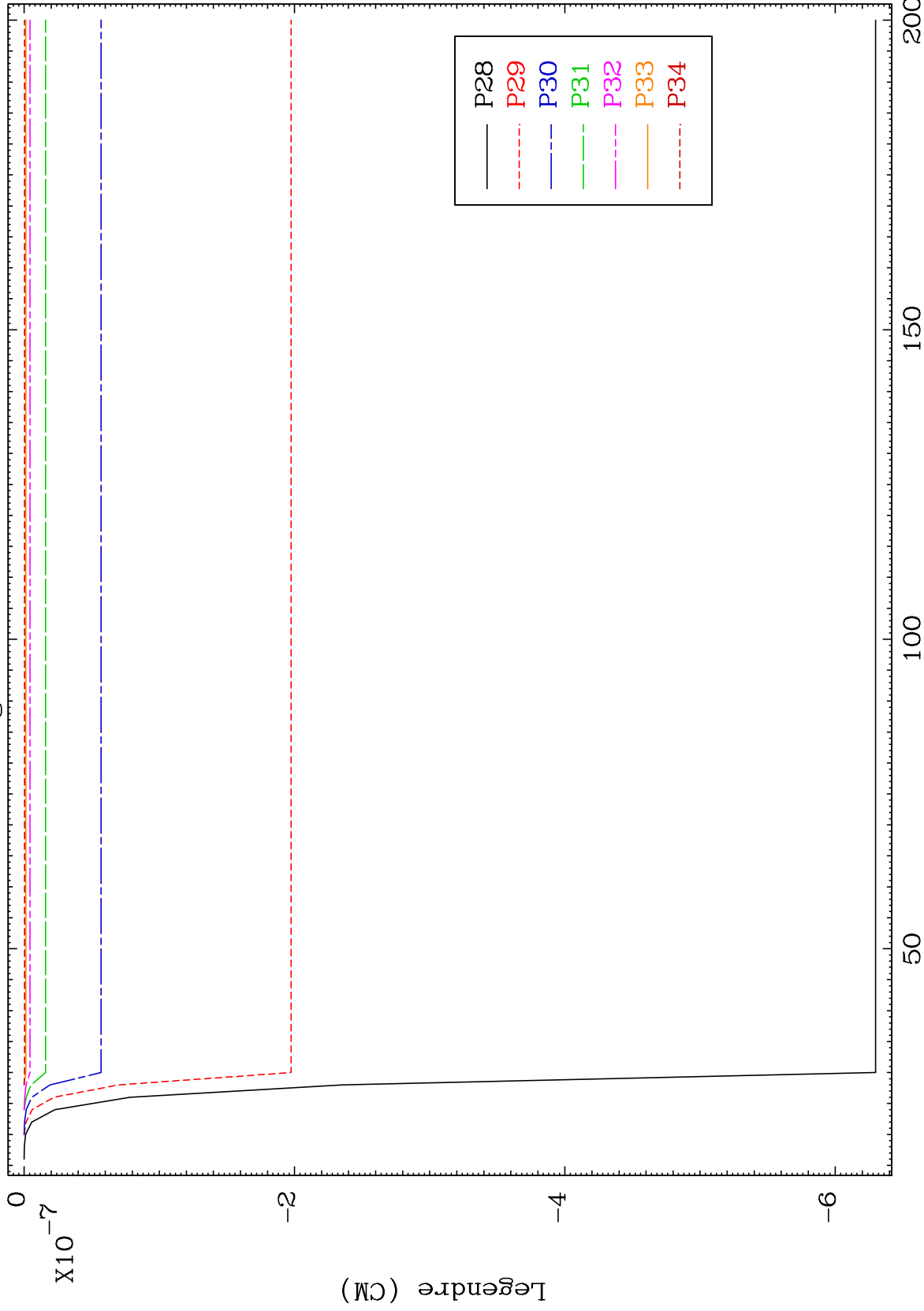
MAT 4225 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-92



MAT 4225

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

42-Mo-92



42-Mo-92

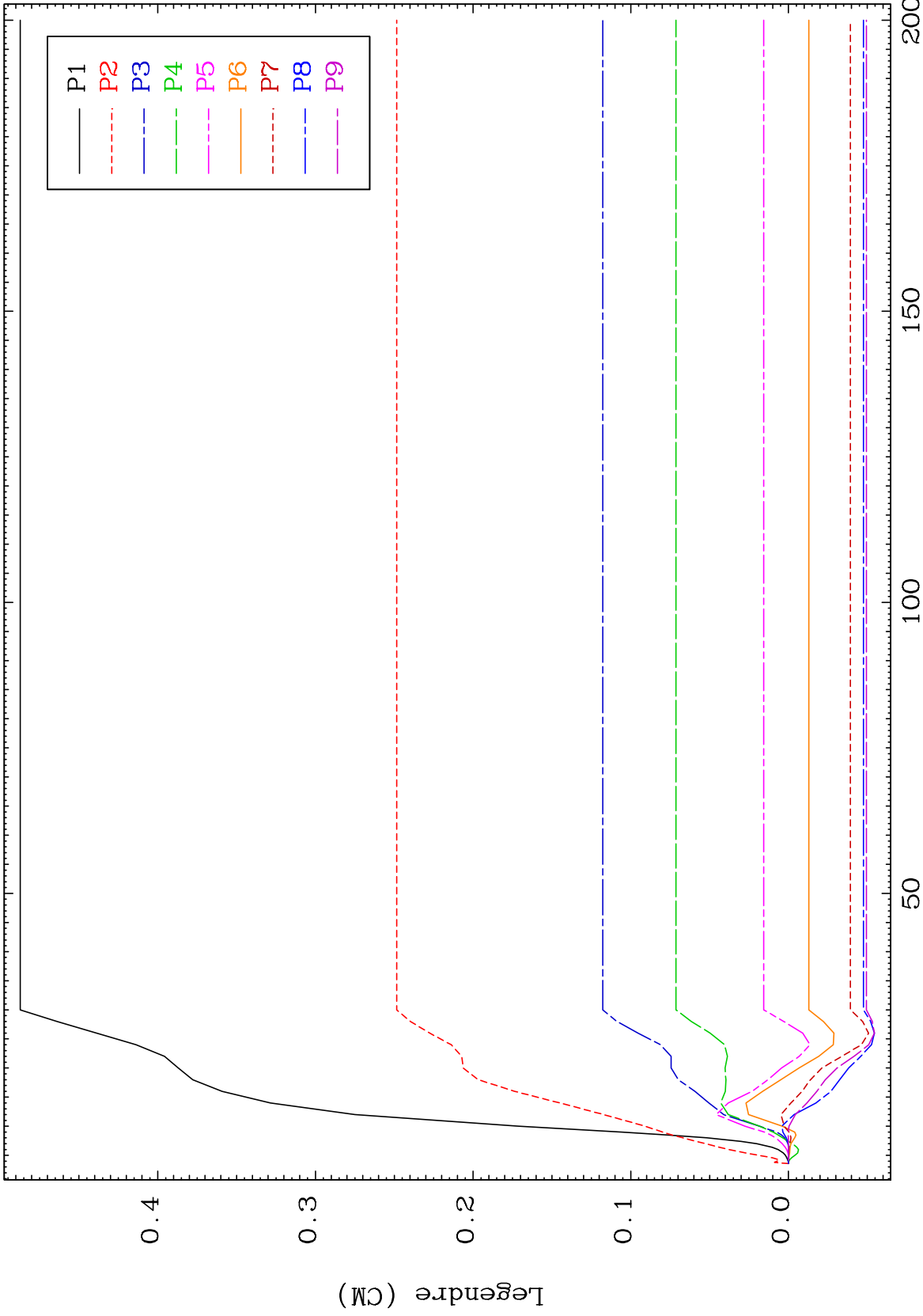
Incident Energy (MeV)

75

MAT 4225

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

42-Mo-92



76

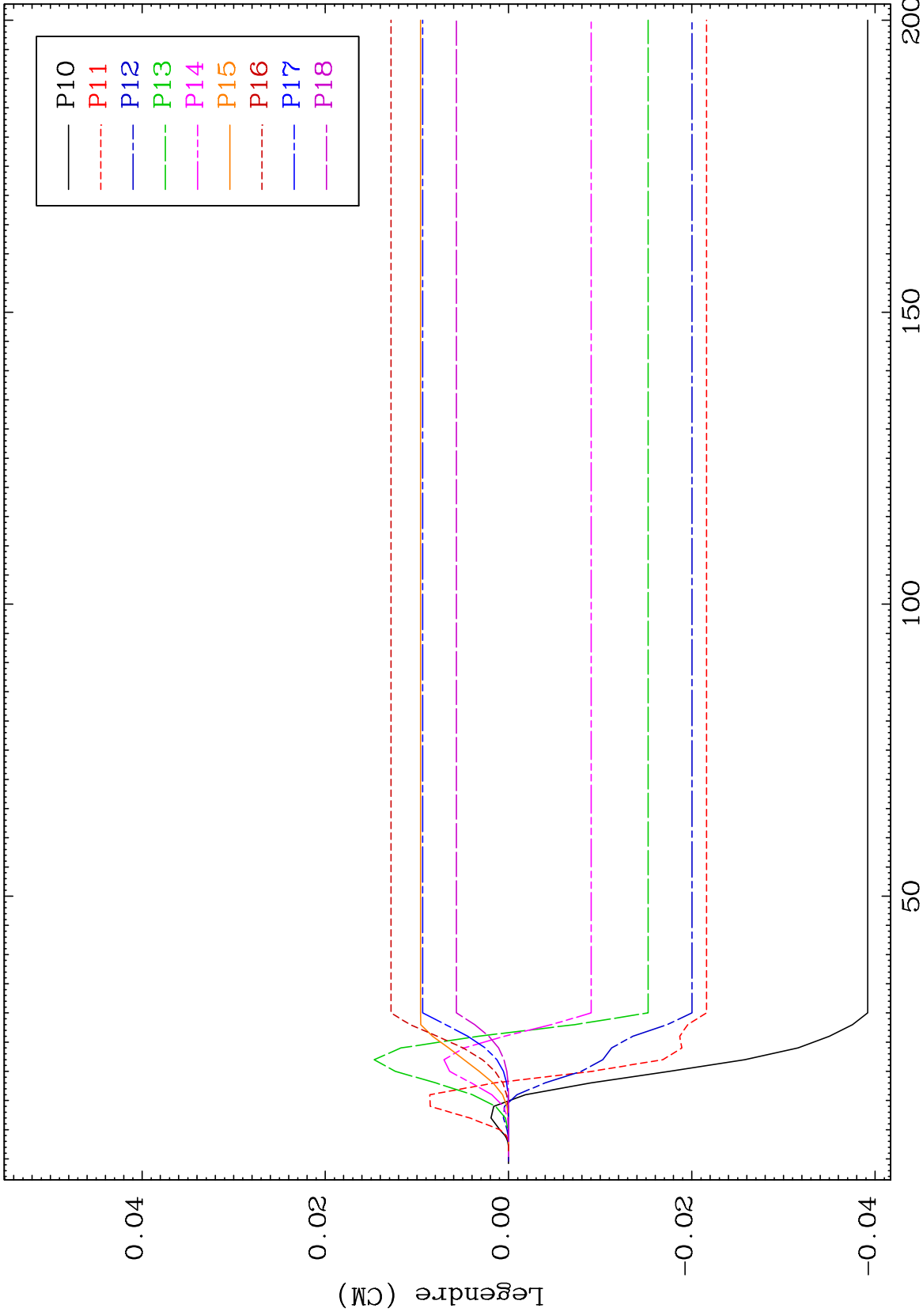
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



77

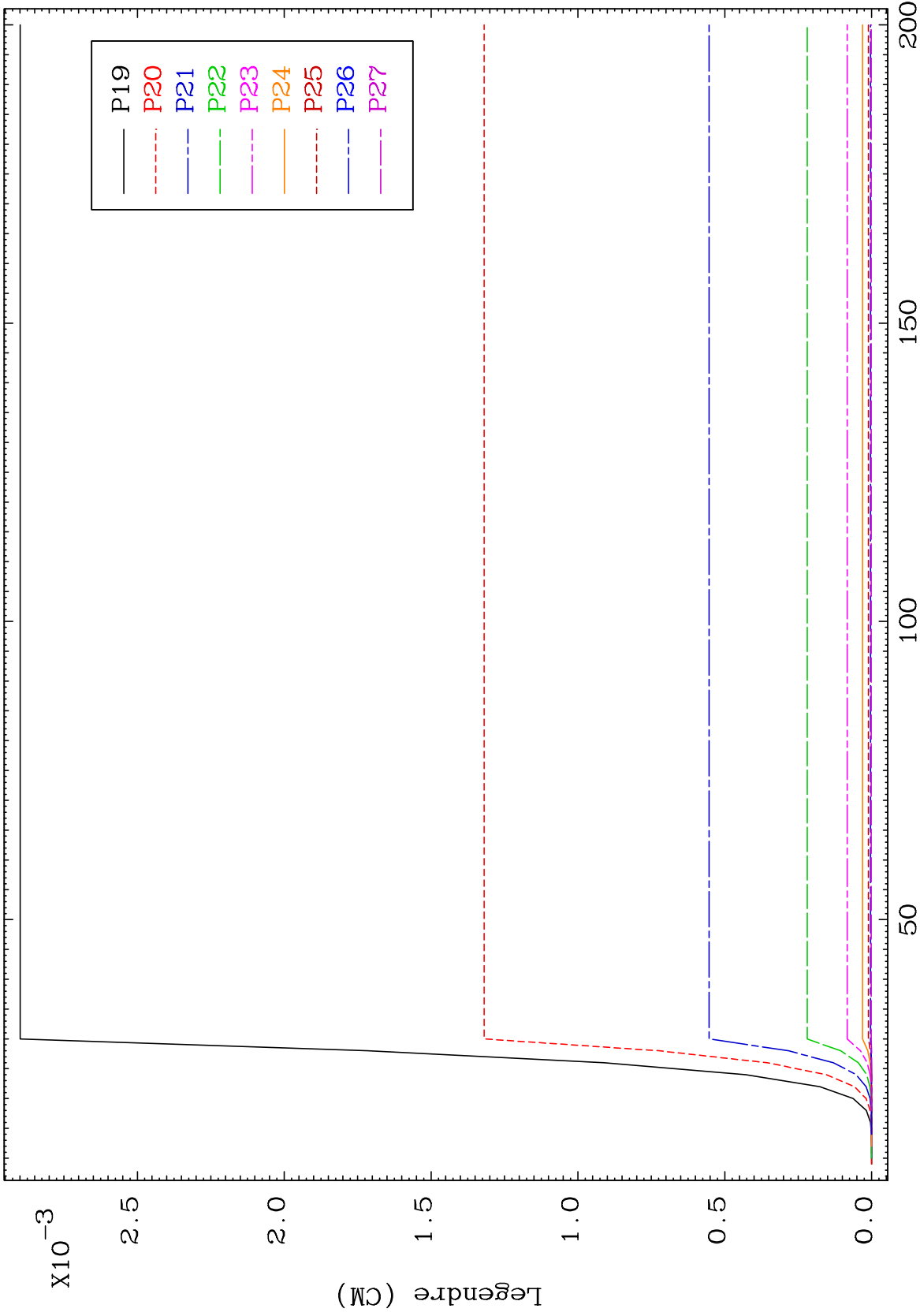
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



78

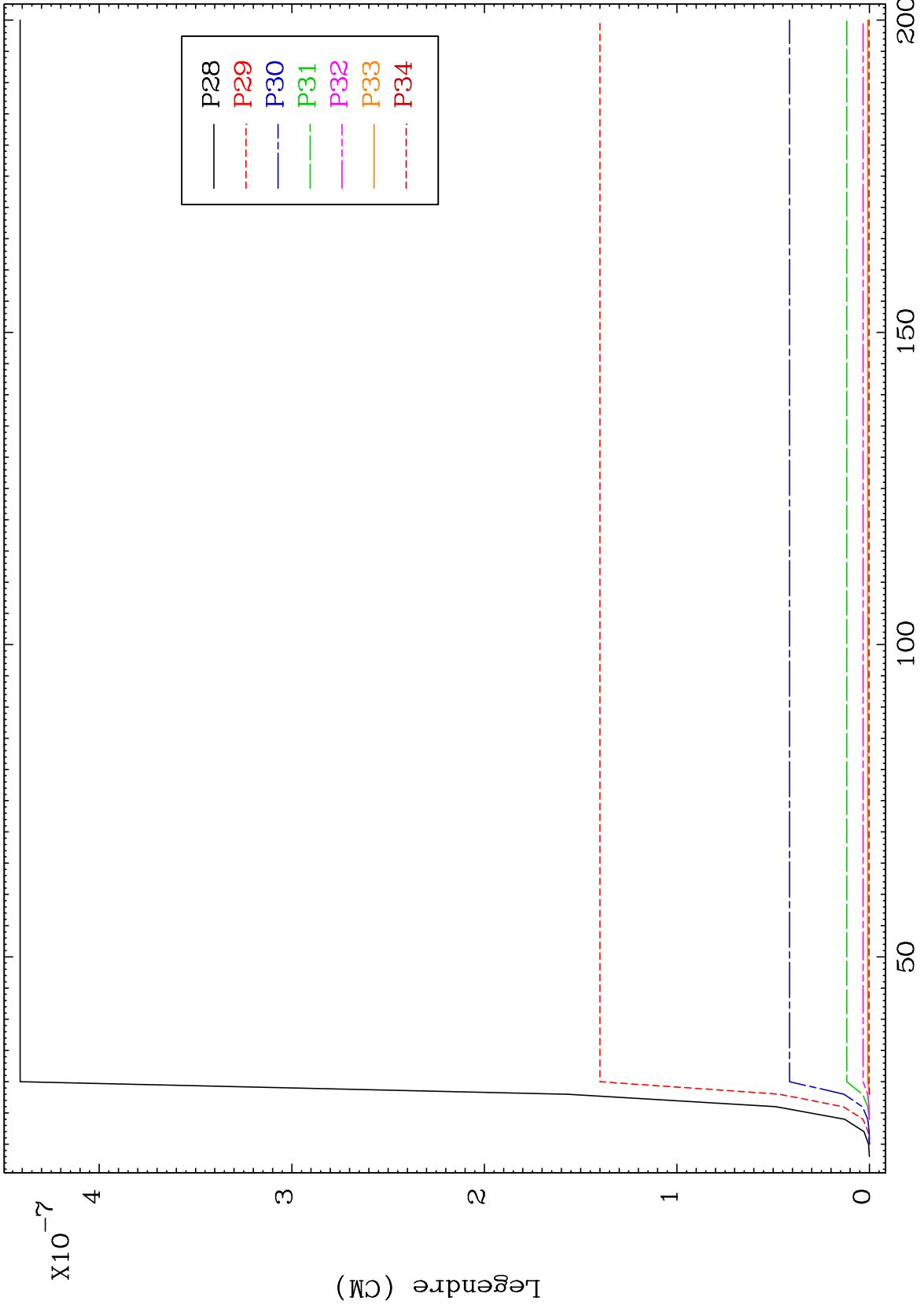
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



79

Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



80

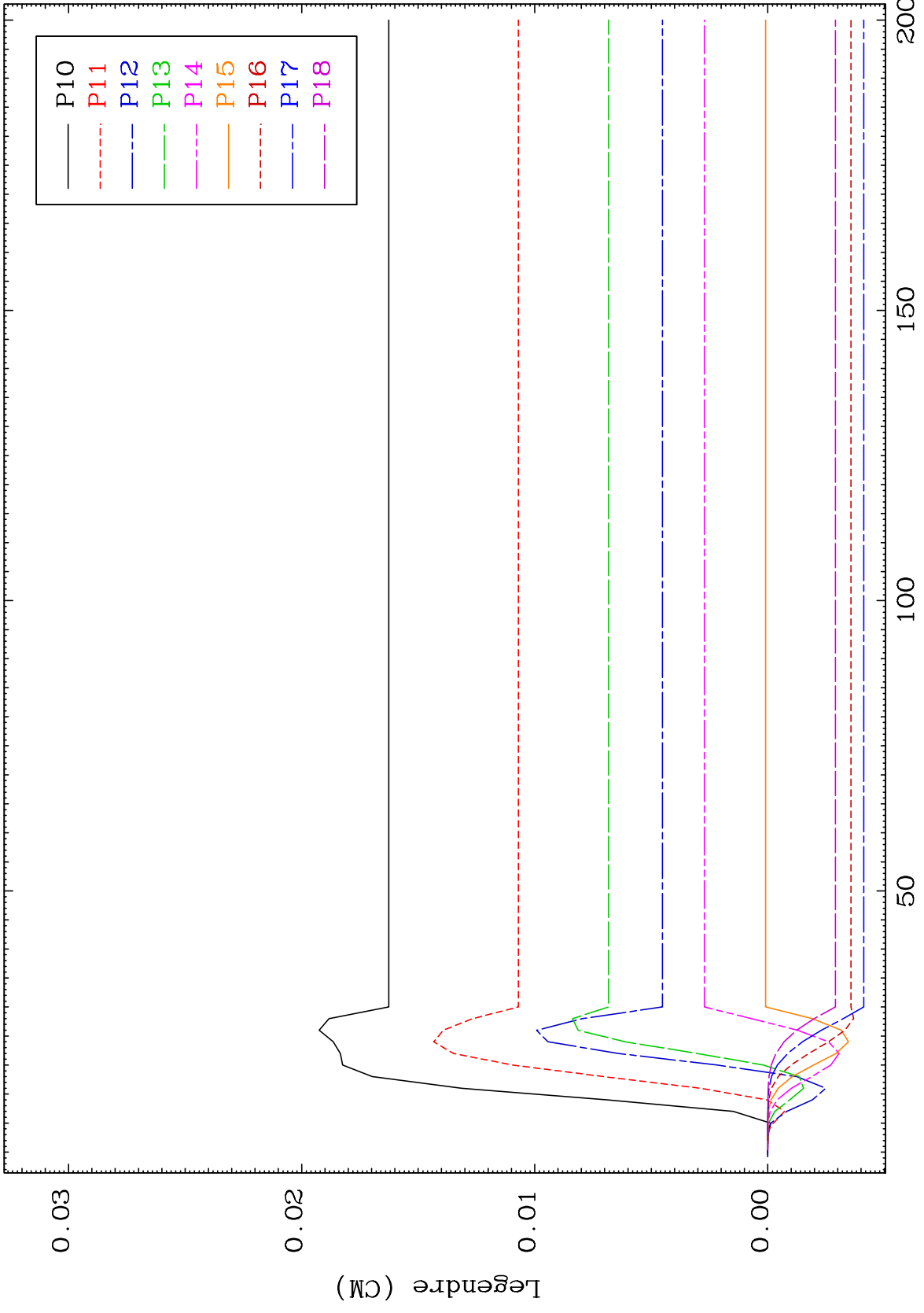
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



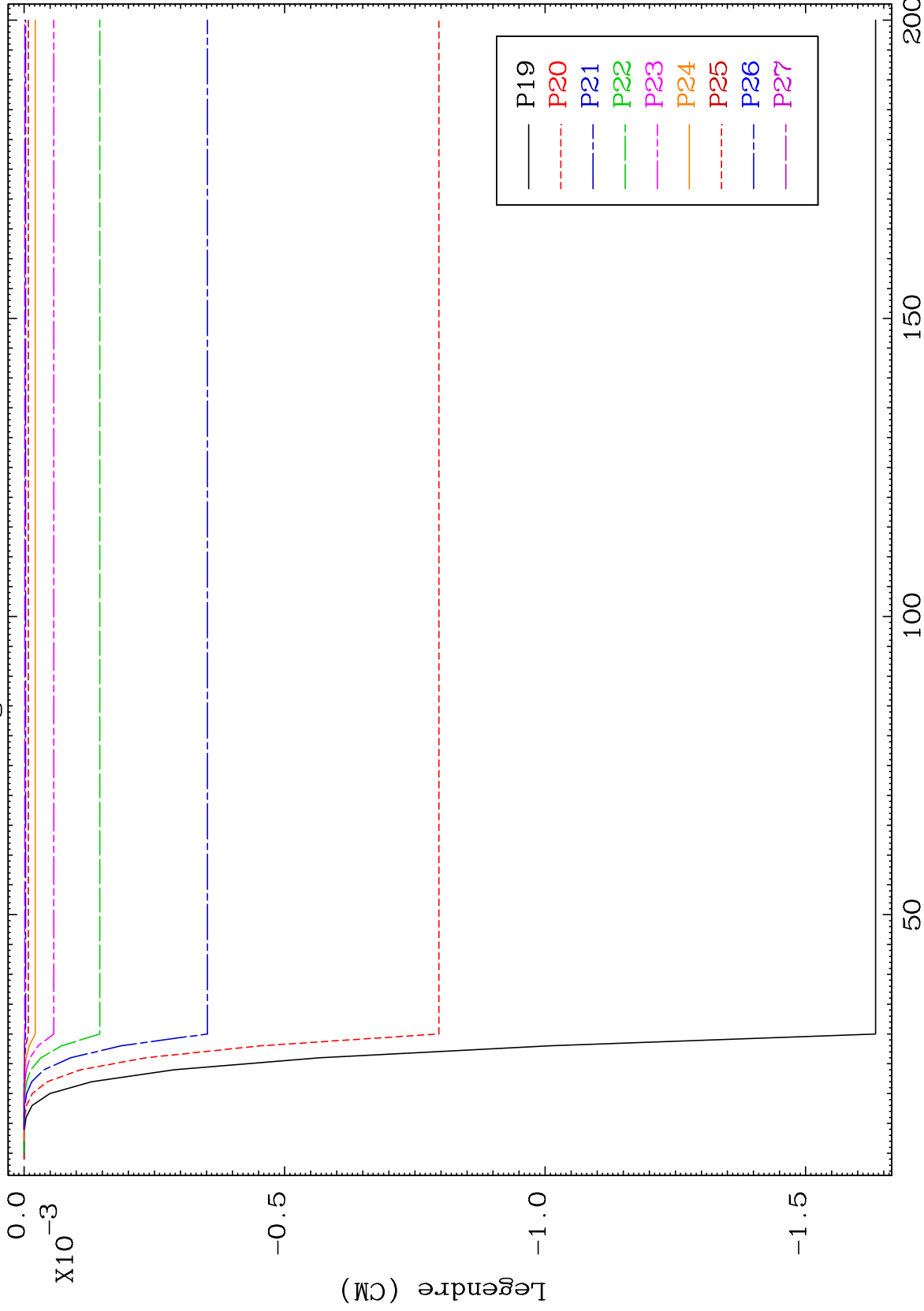
81

42-Mo-92

MAT 4225

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

42-Mo-92



82

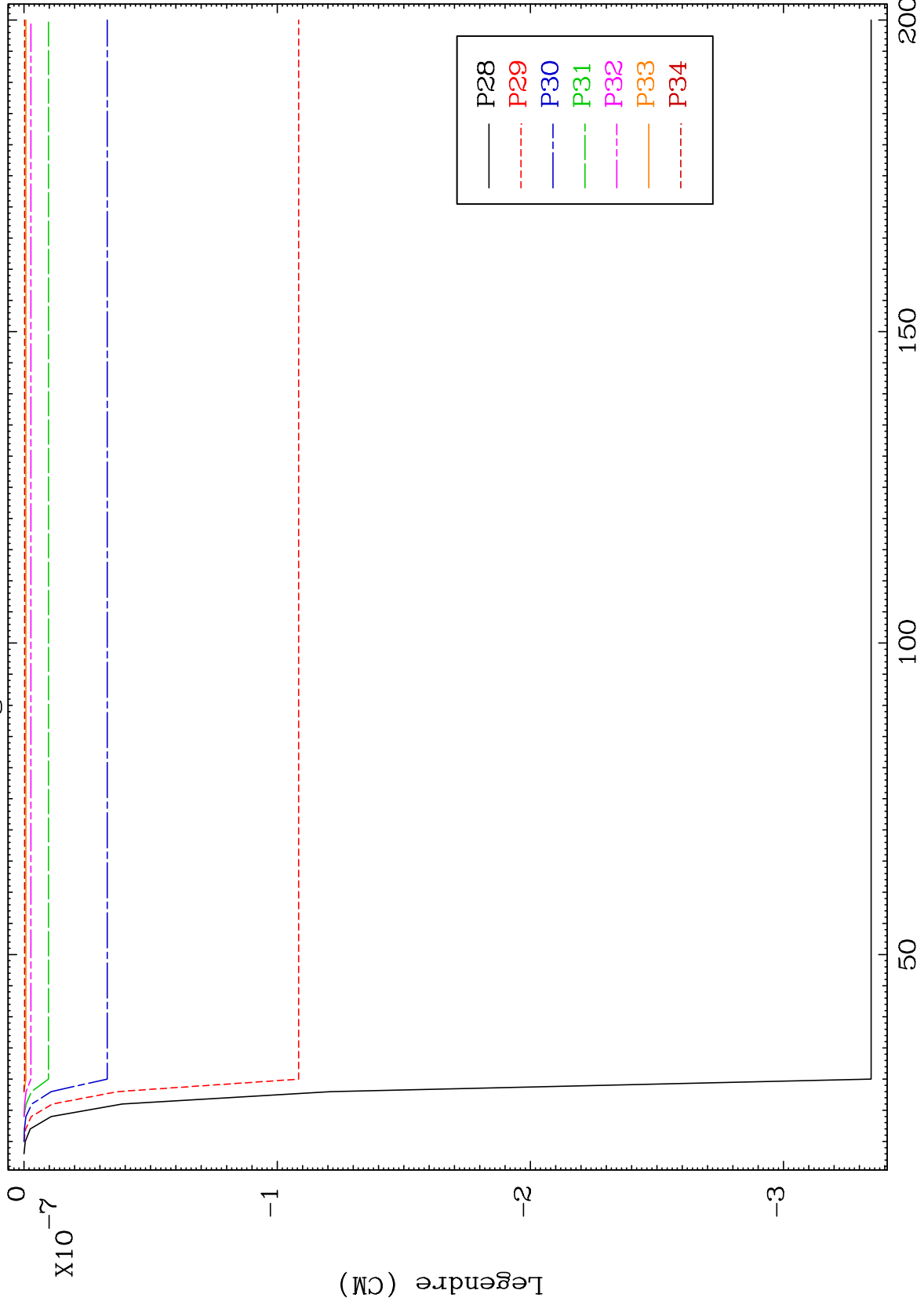
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

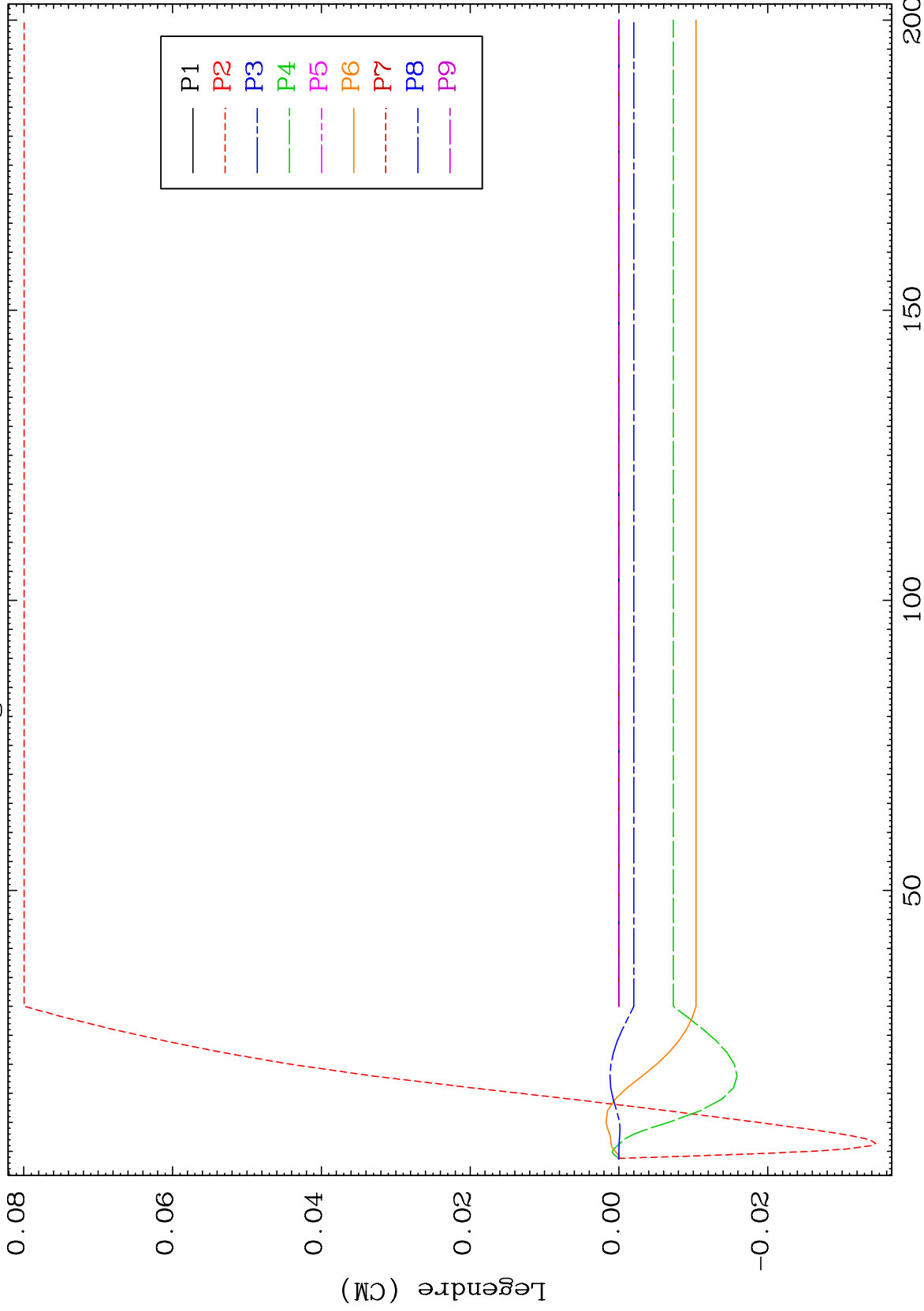
42-Mo-92



83

42-Mo-92

MAT 4225 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-92

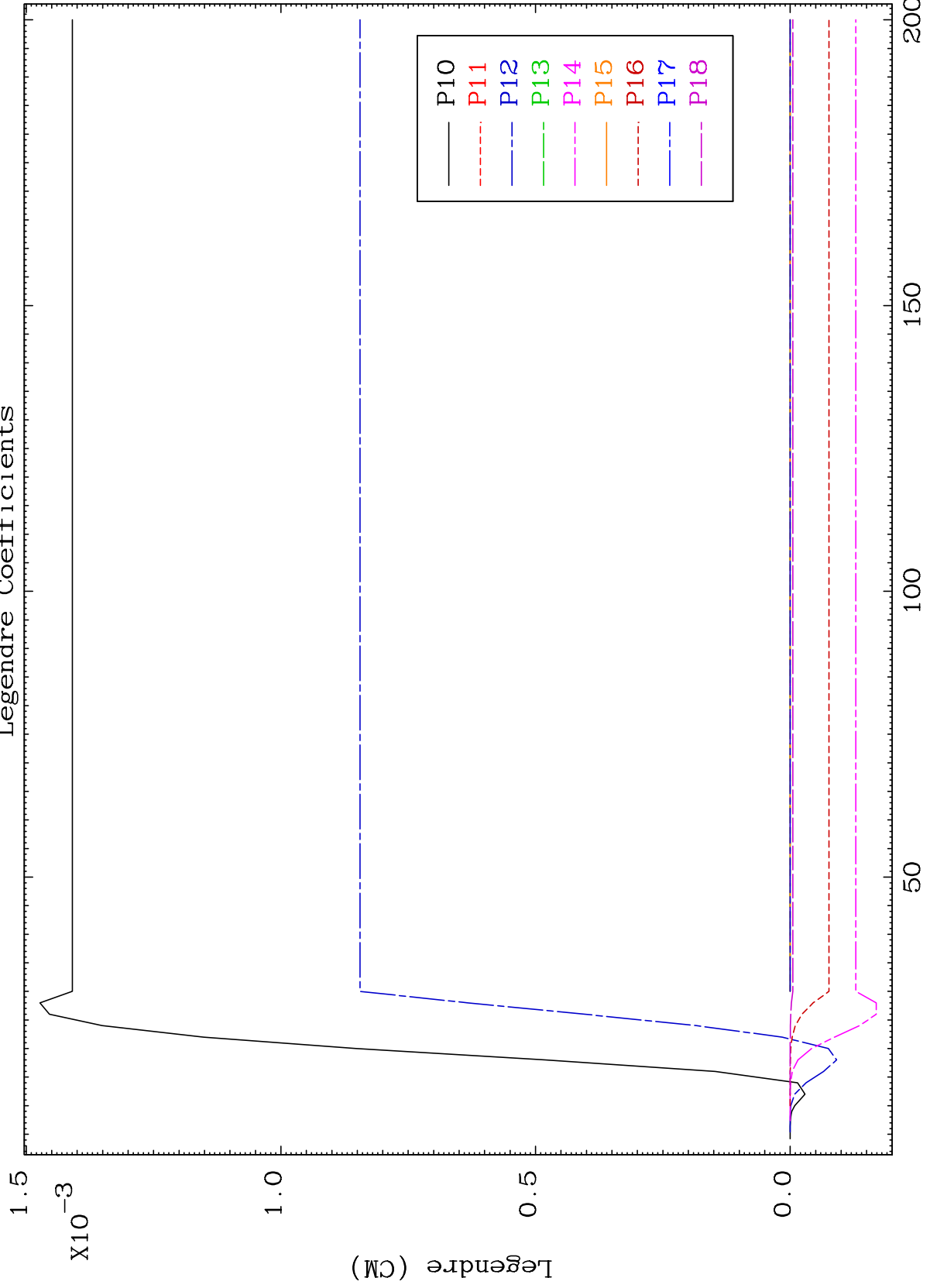


84 42-Mo-92

MAT 4225

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

42-Mo-92



85

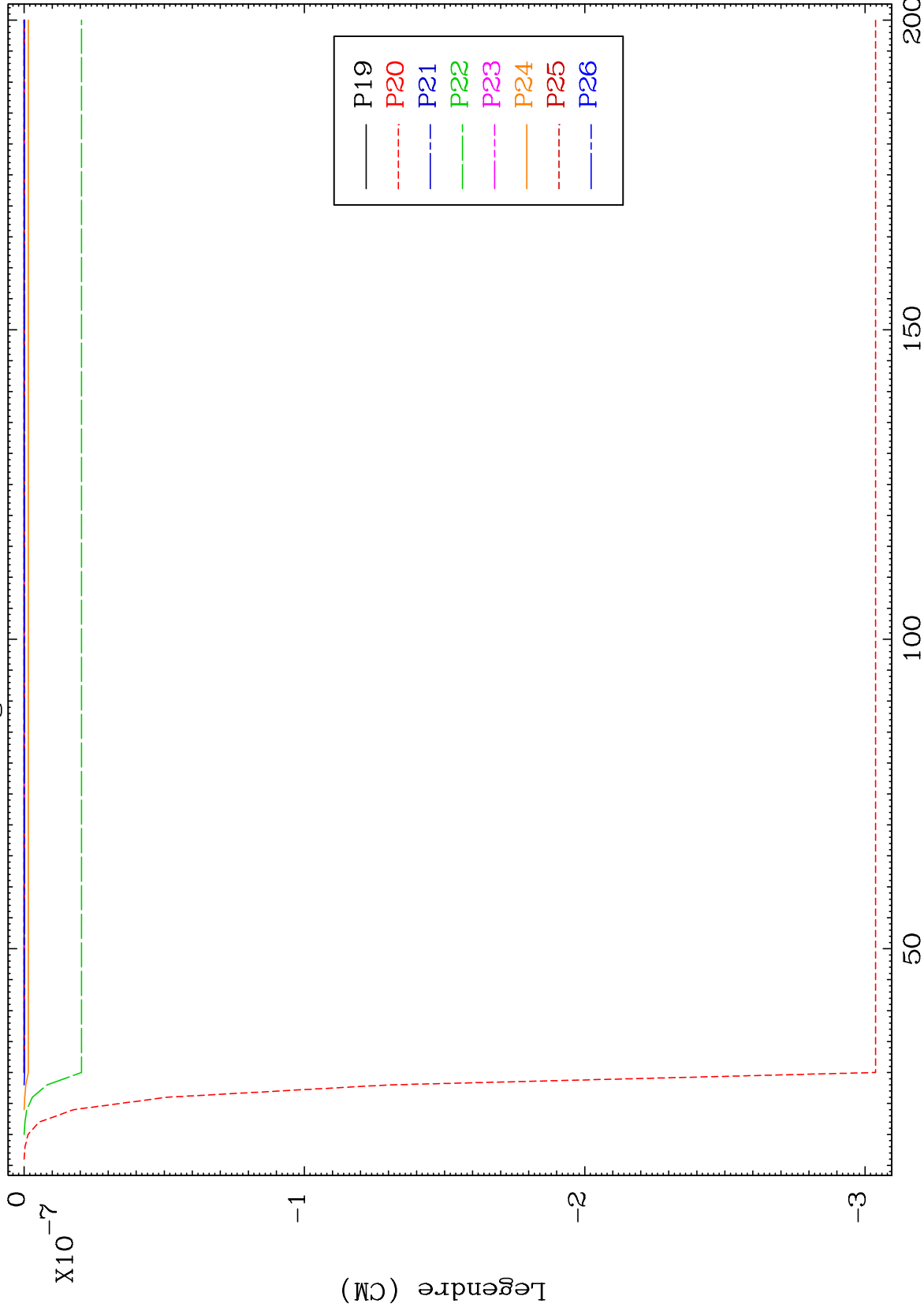
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



86

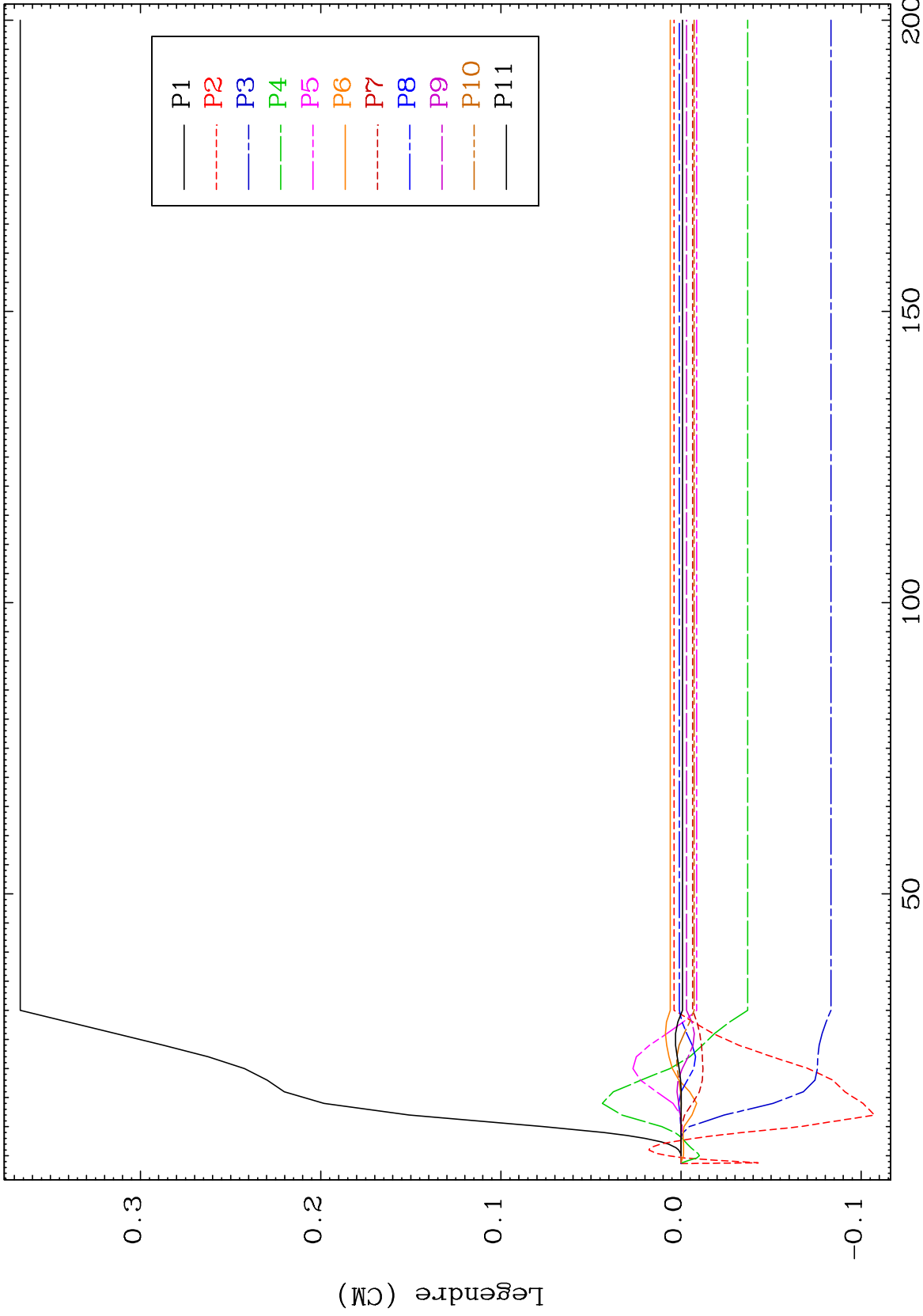
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



87

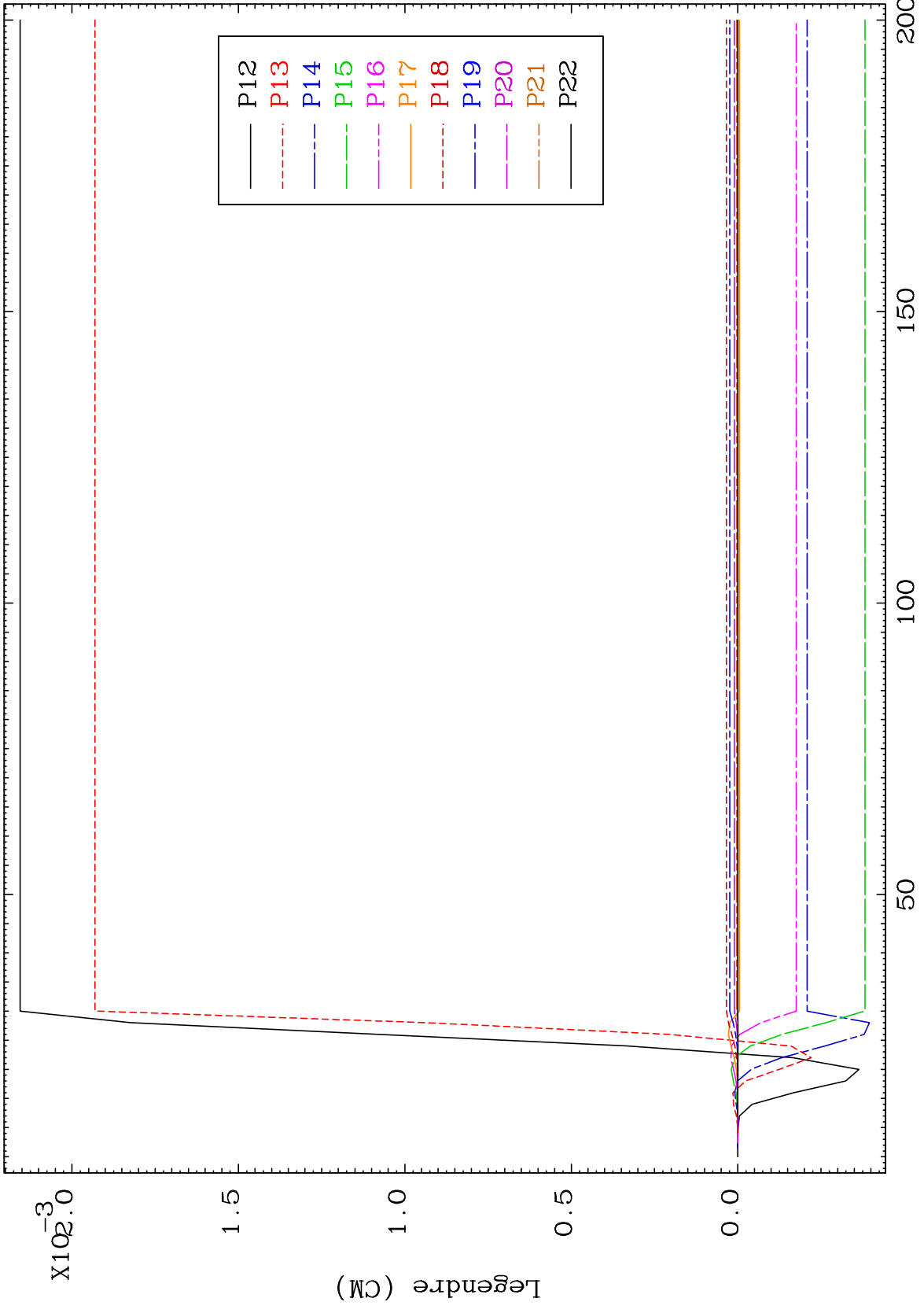
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



88

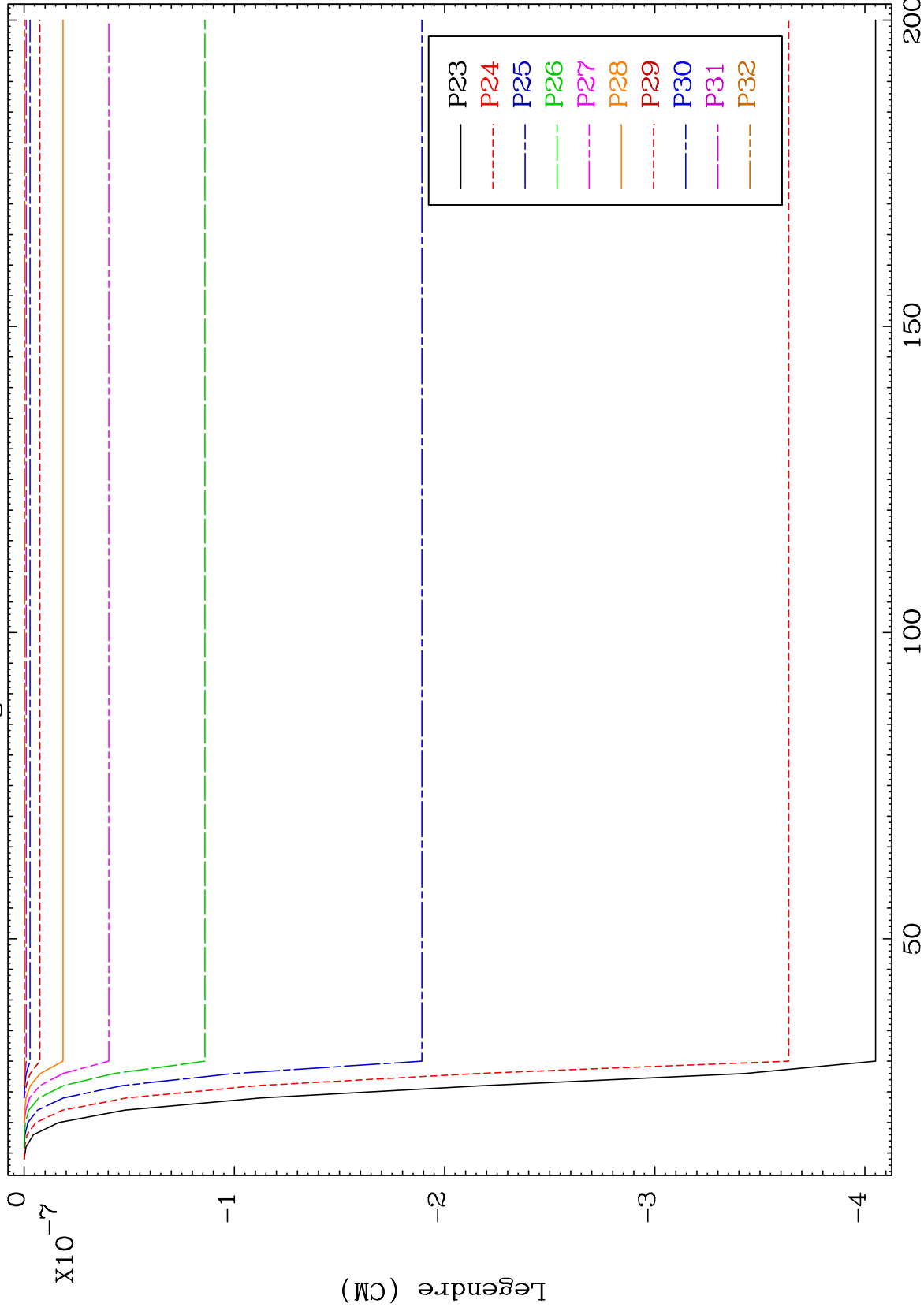
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



89

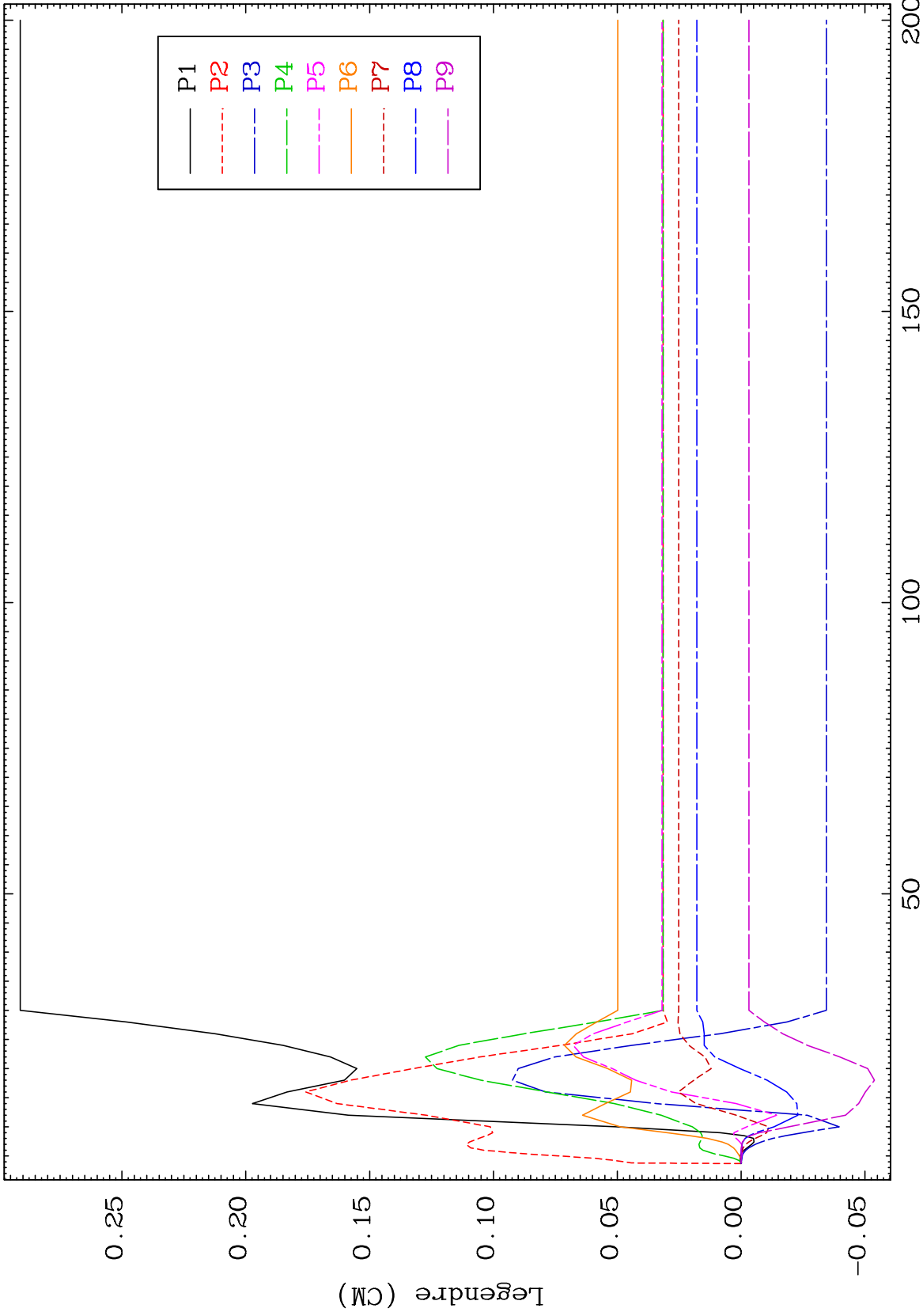
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



90

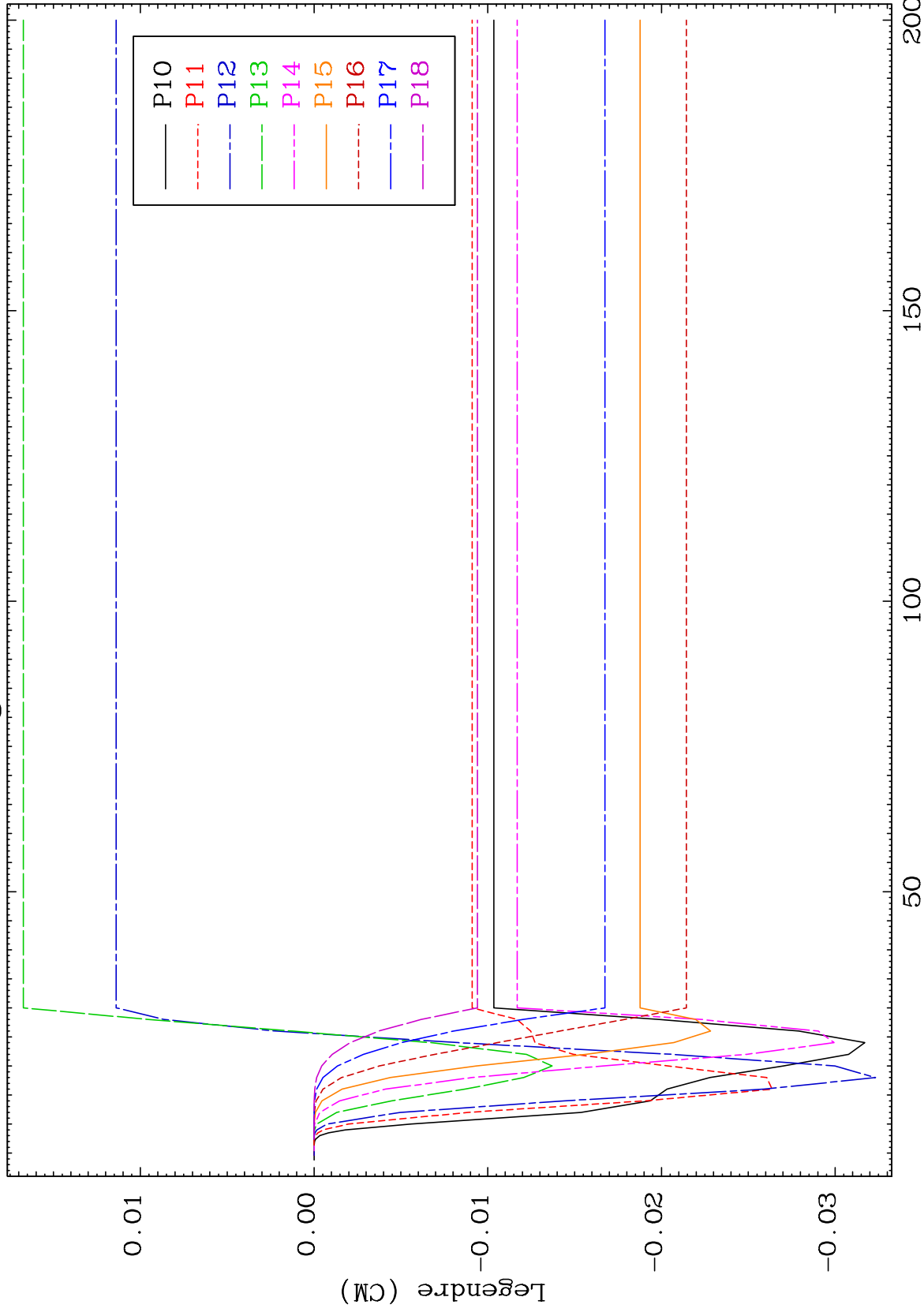
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92

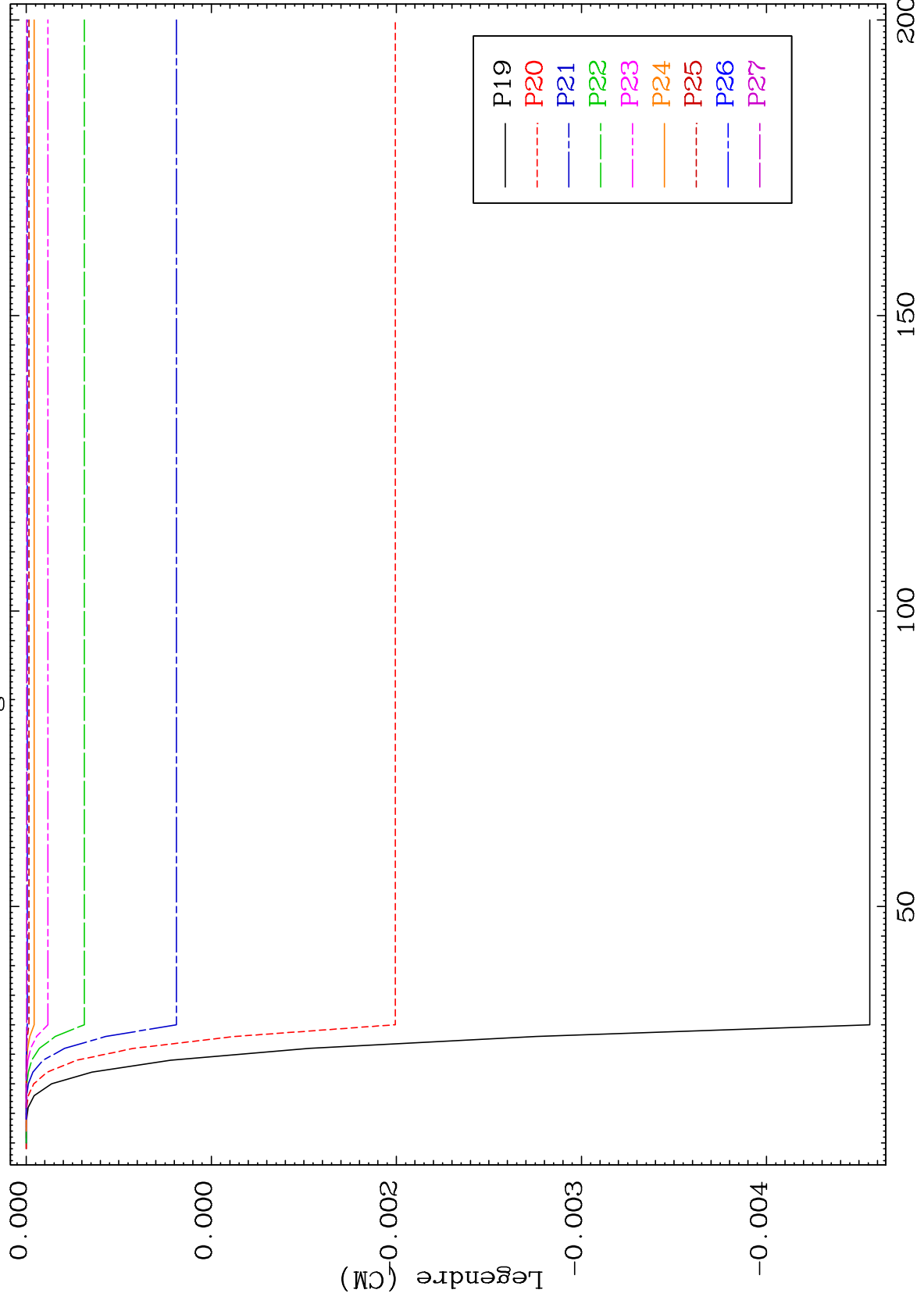


91

Incident Energy (MeV)

42-Mo-92

MAT 4225 MT= 71 (n,n') Level Legendre Coefficients 42-Mo-92

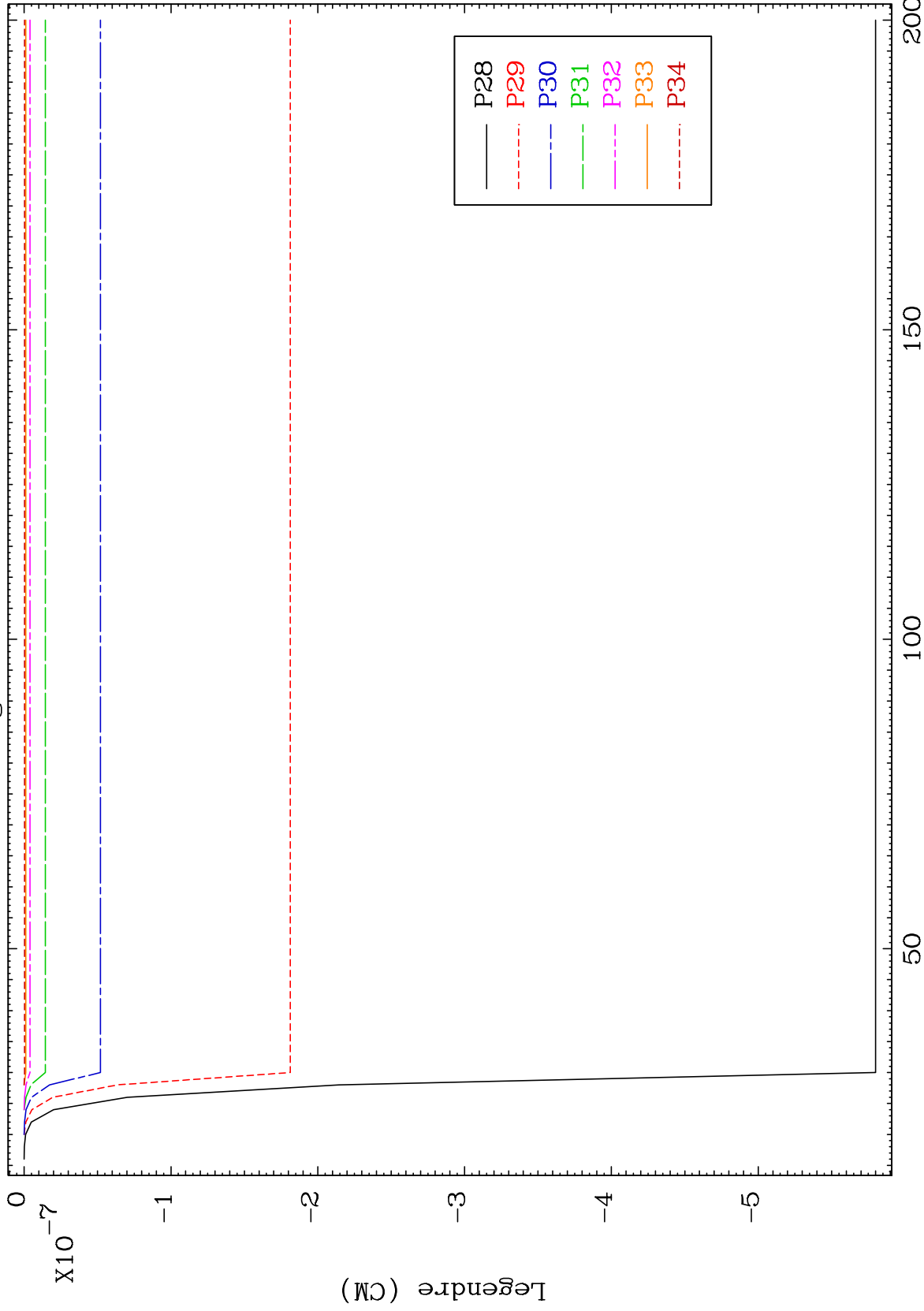


92 42-Mo-92

MAT 4225

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

42-Mo-92



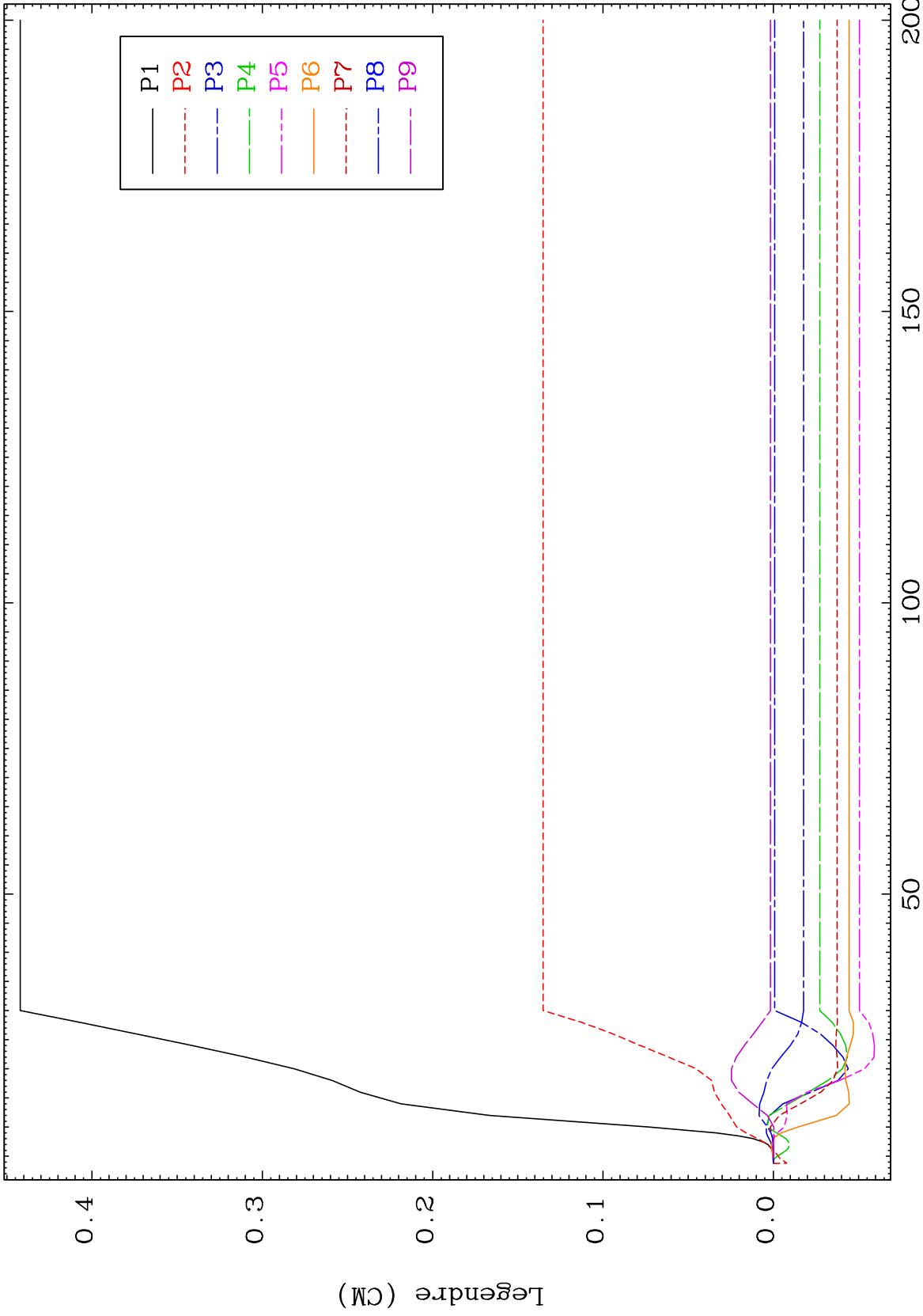
93

42-Mo-92

MAT 4225

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

42-Mo-92



94

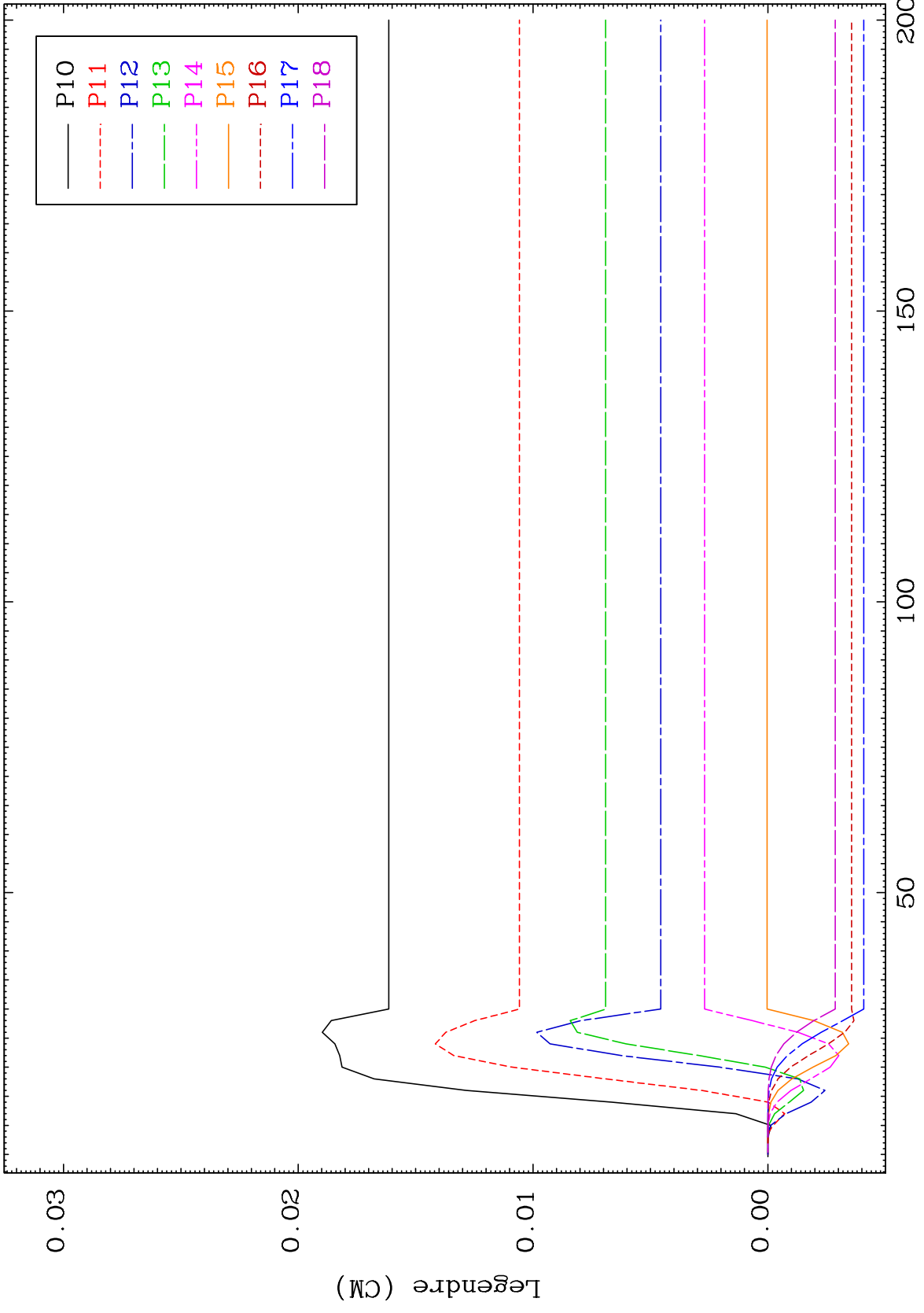
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

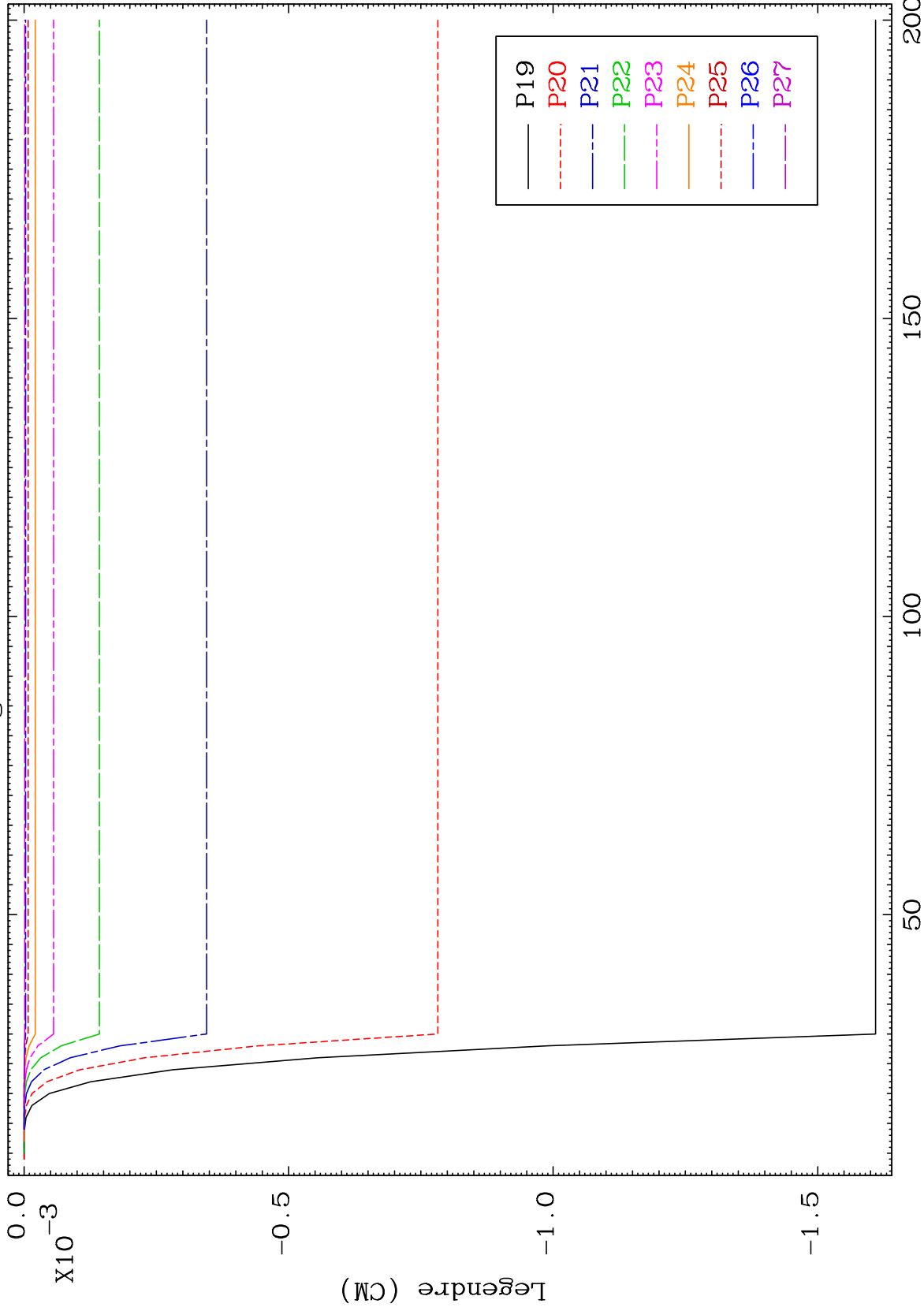
42-Mo-92



95

Incident Energy (MeV)

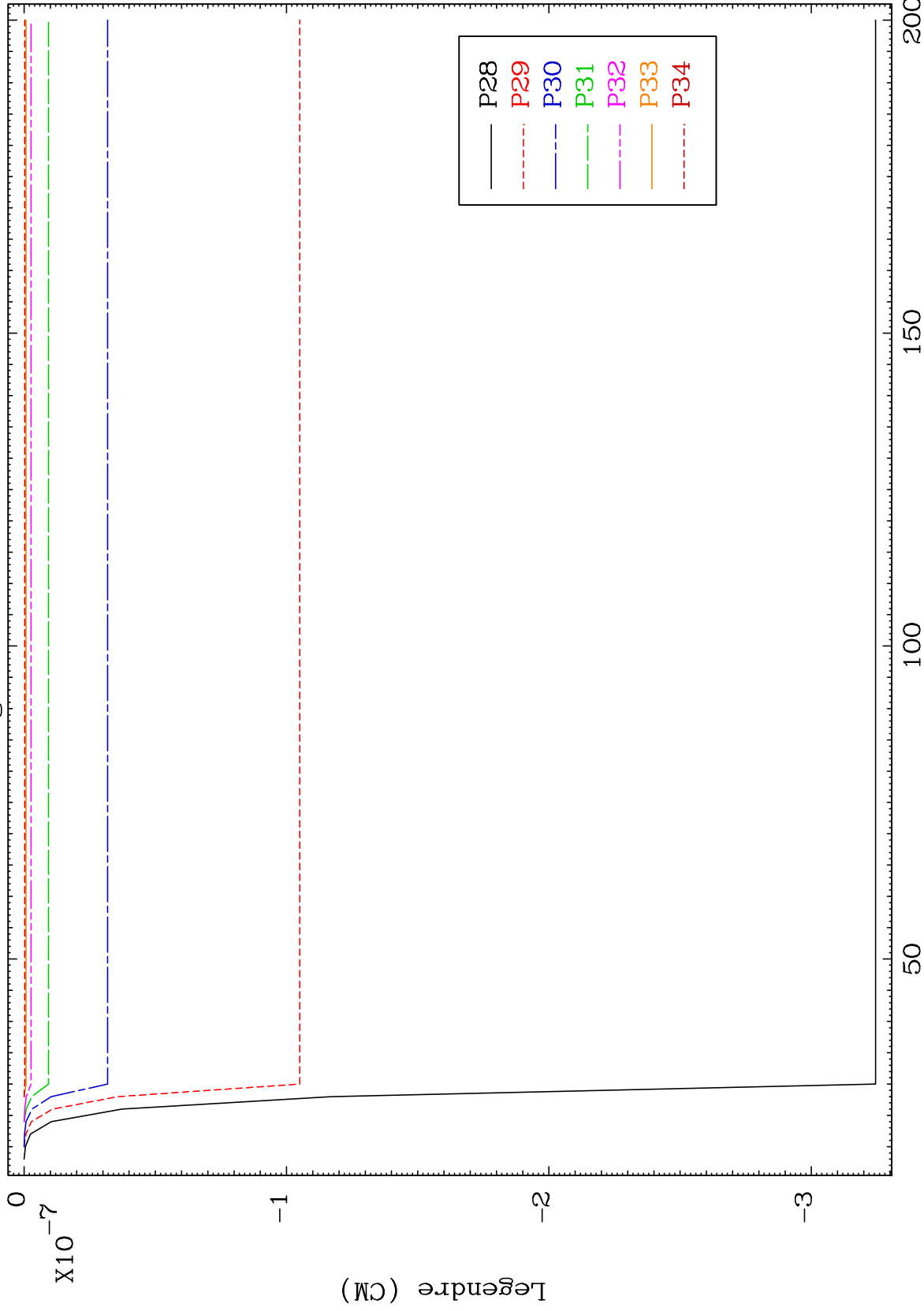
42-Mo-92



MAT 4225

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

42-Mo-92



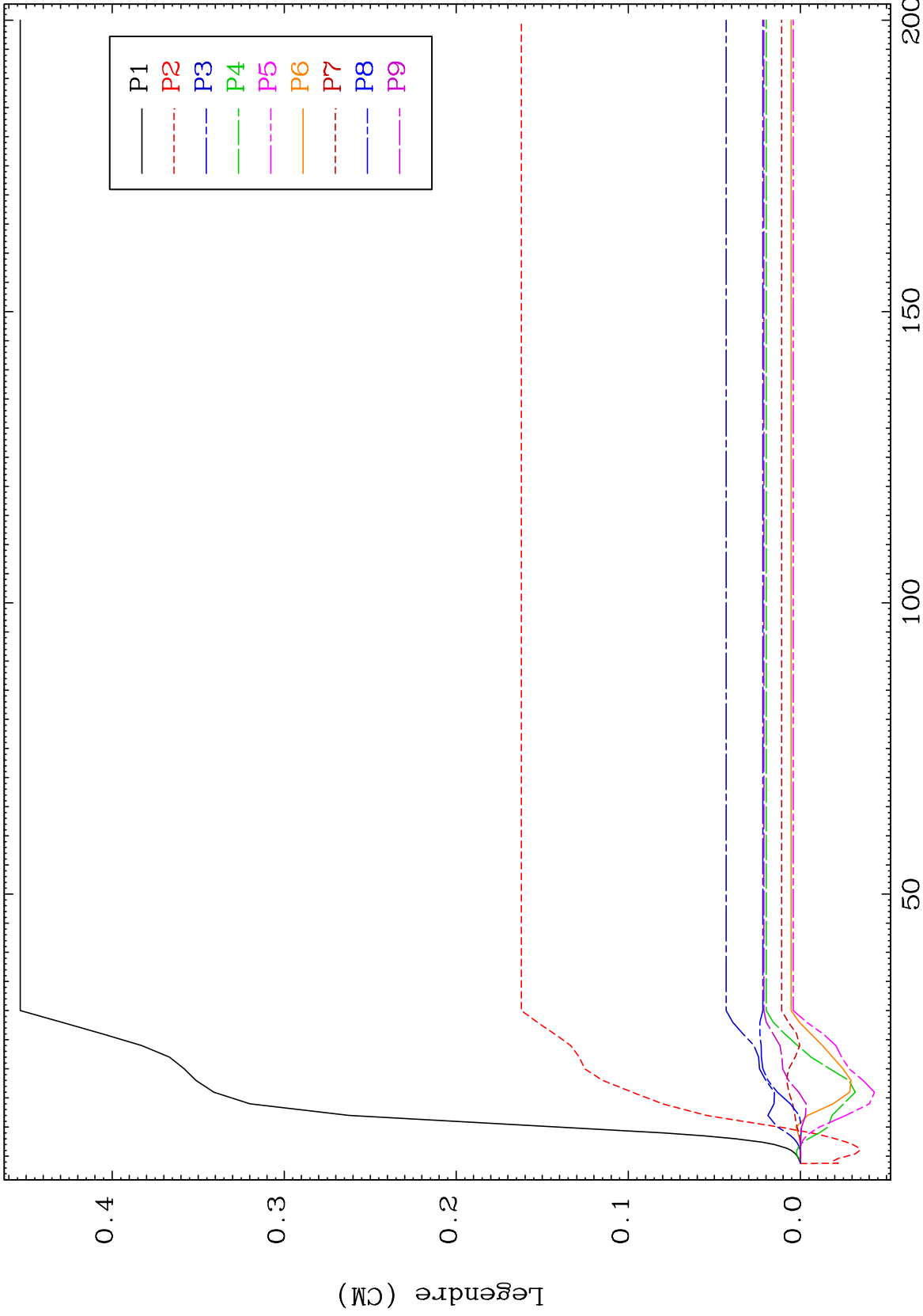
97

42-Mo-92

MAT 4225

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

42-Mo-92



98

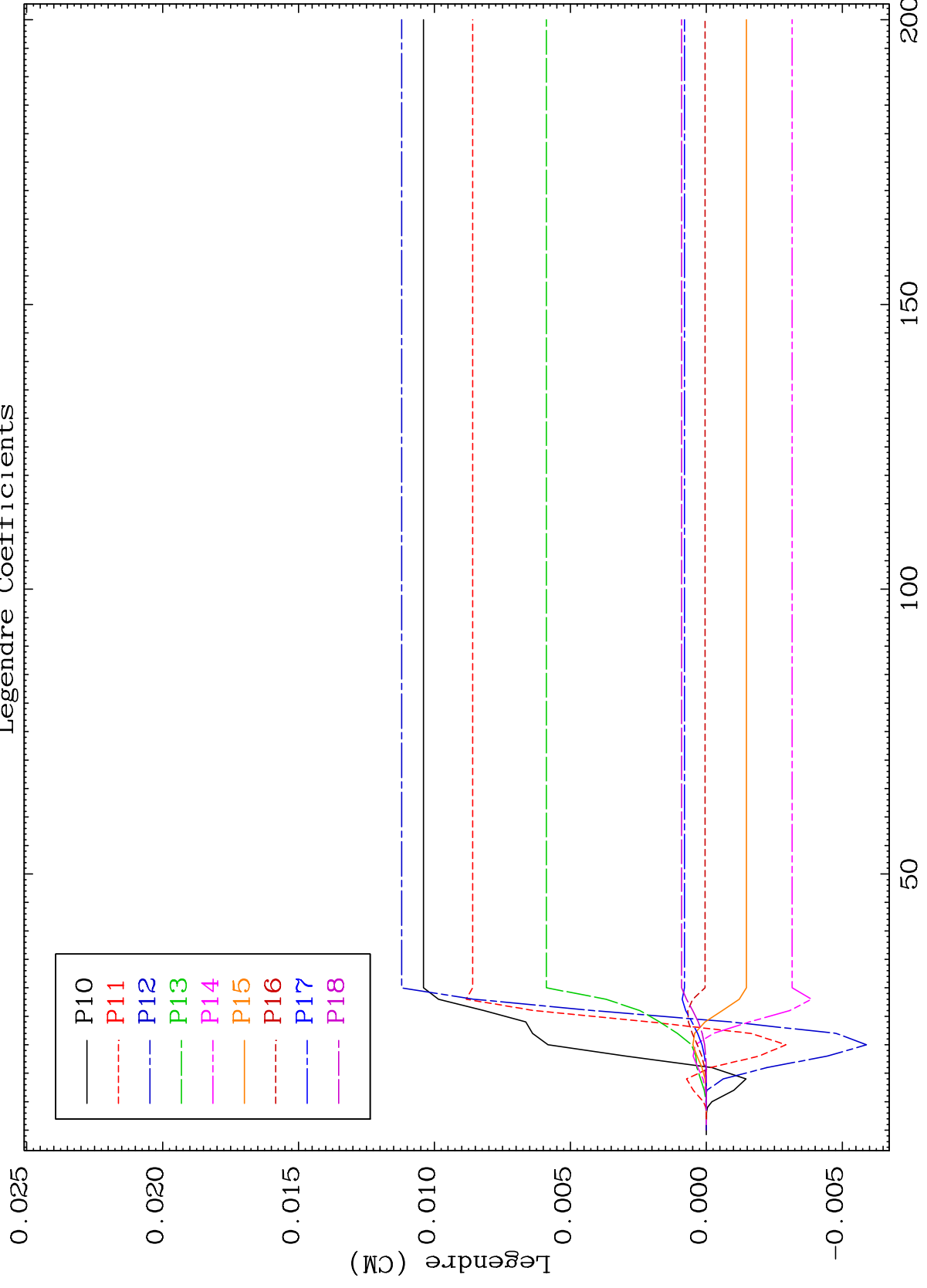
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



99

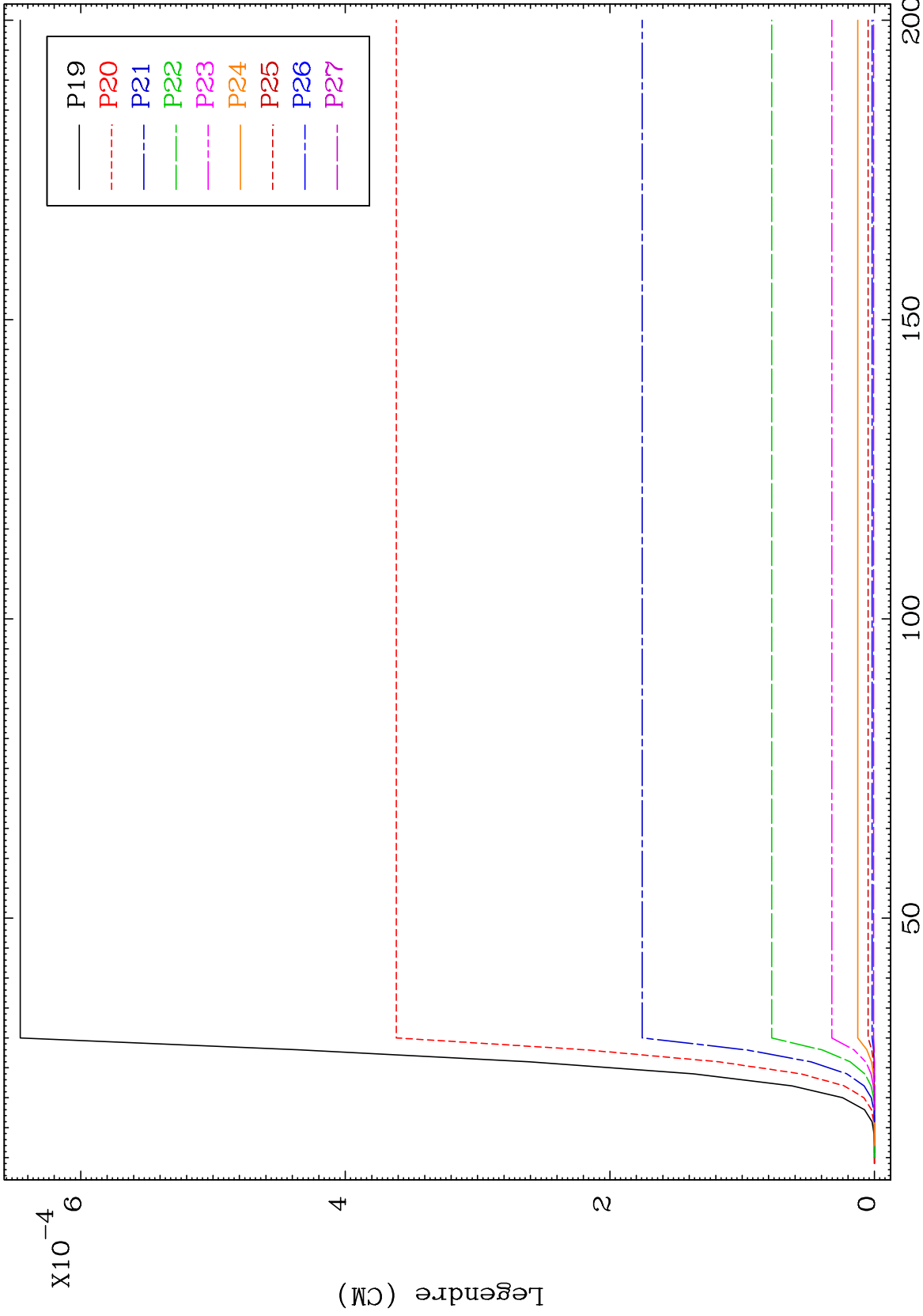
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



100

50

100

150

200

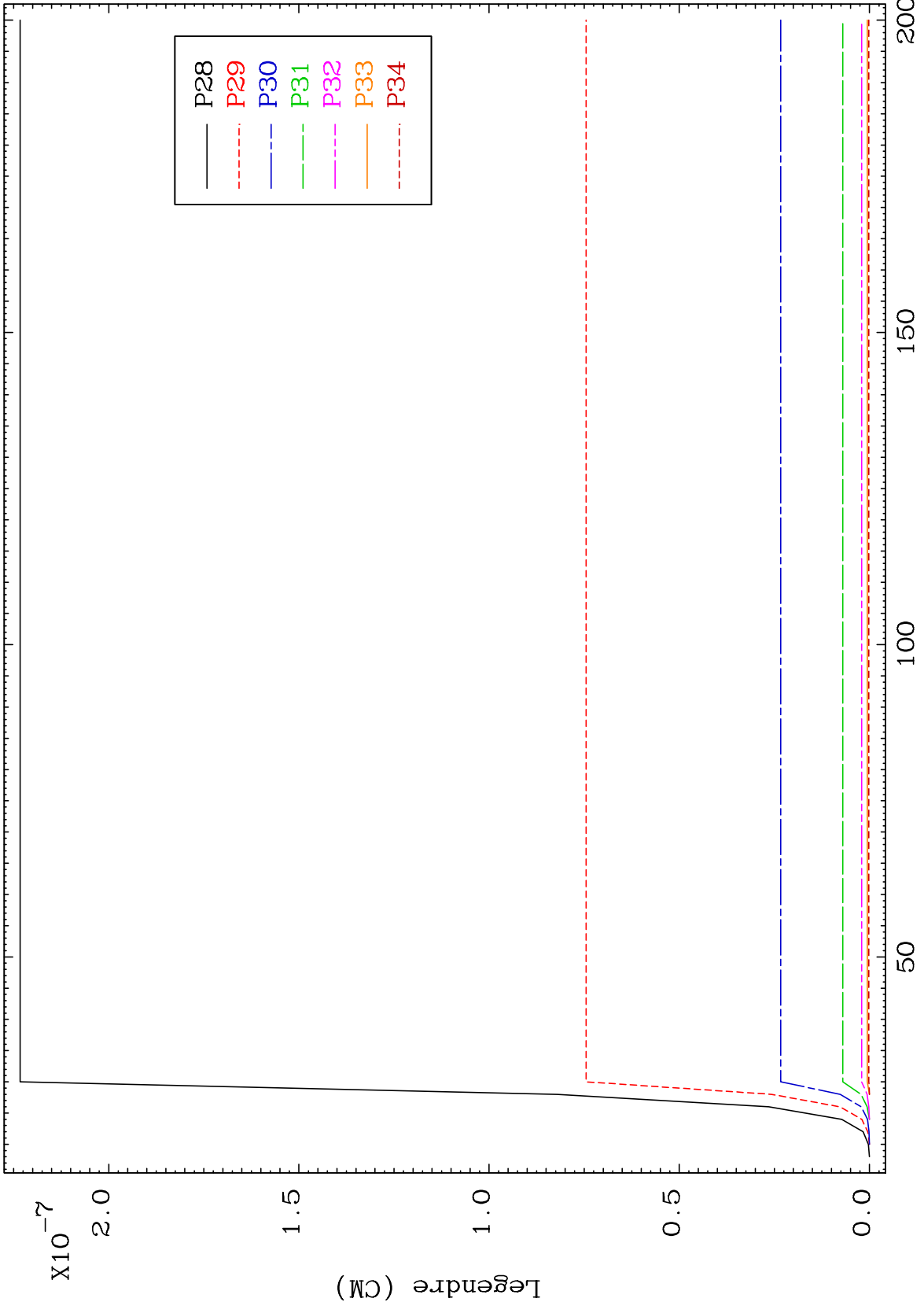
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92

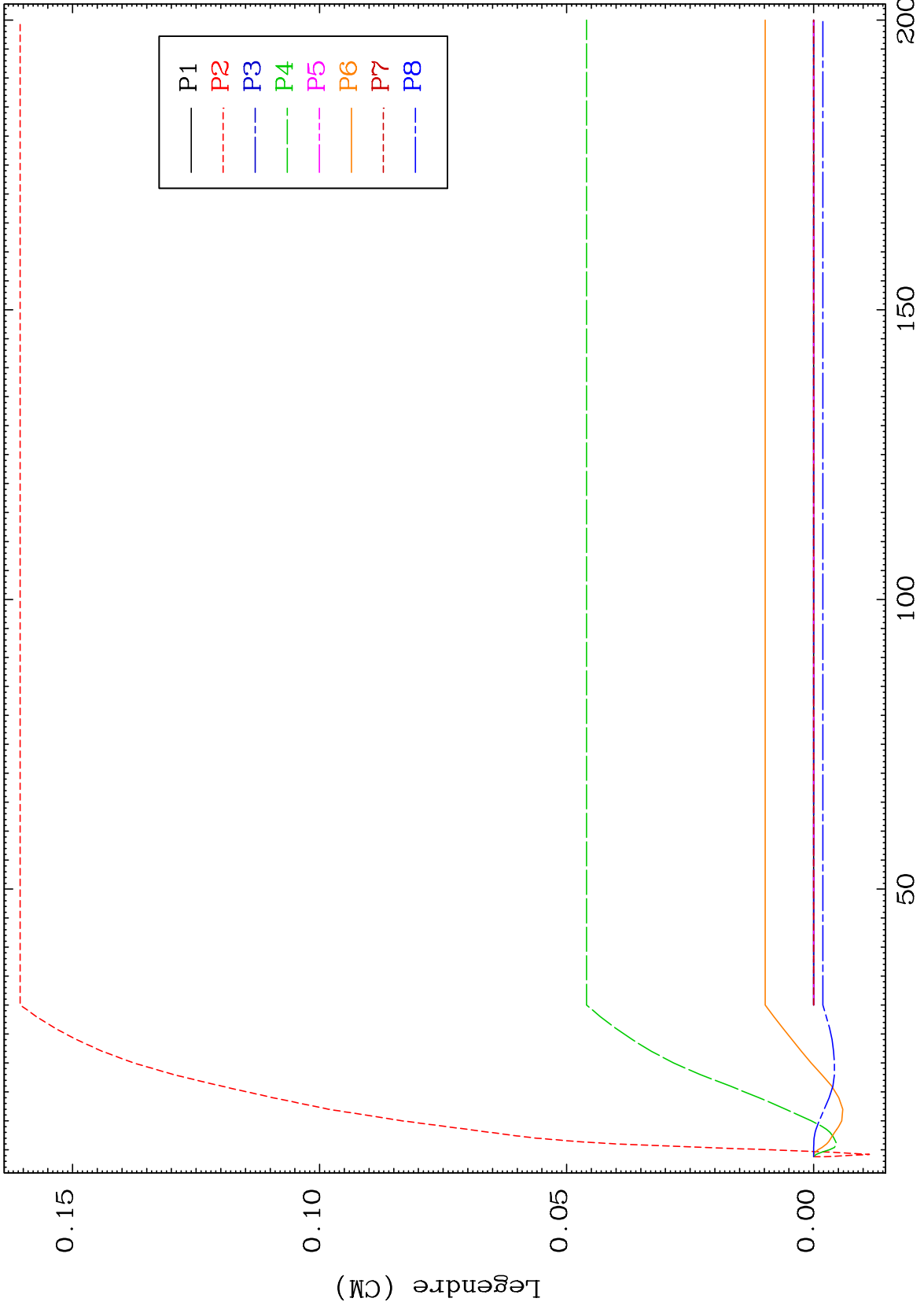


101

Incident Energy (MeV)

42-Mo-92

MAT 4225 MT= 74 (n,n') Level Legendre Coefficients 42-Mo-92

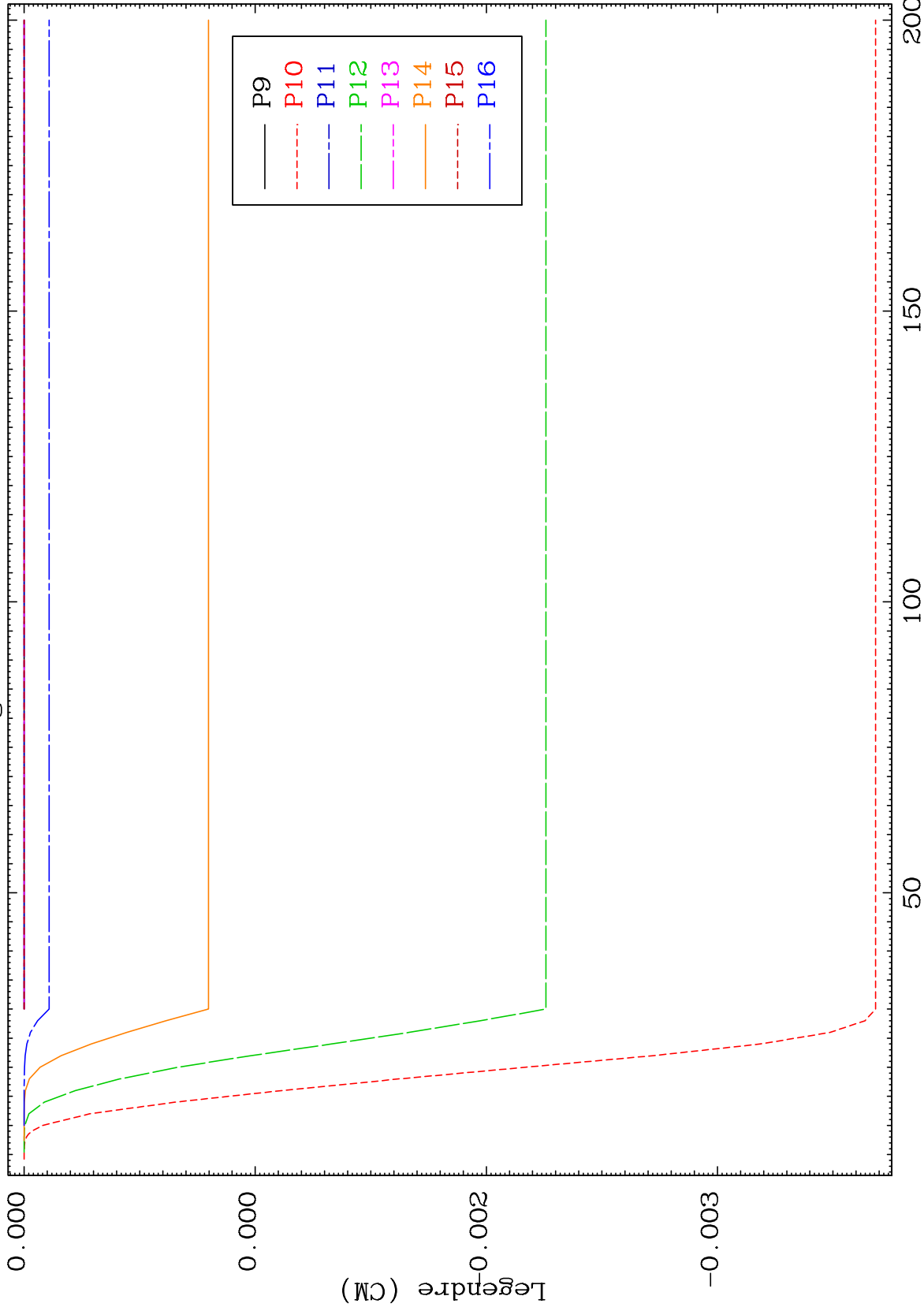


102 Incident Energy (MeV) 42-Mo-92

MAT 4225

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

42-Mo-92



103

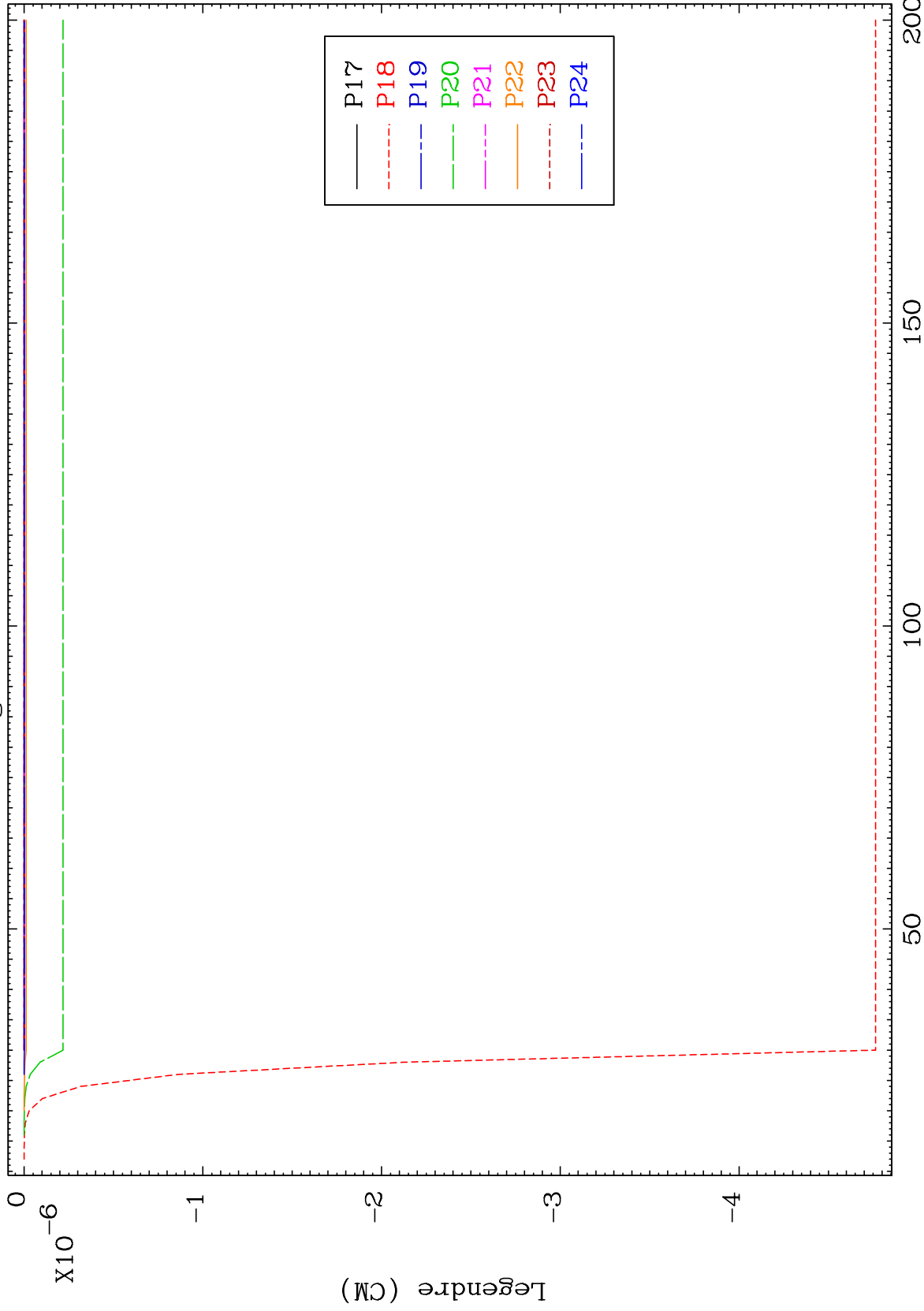
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



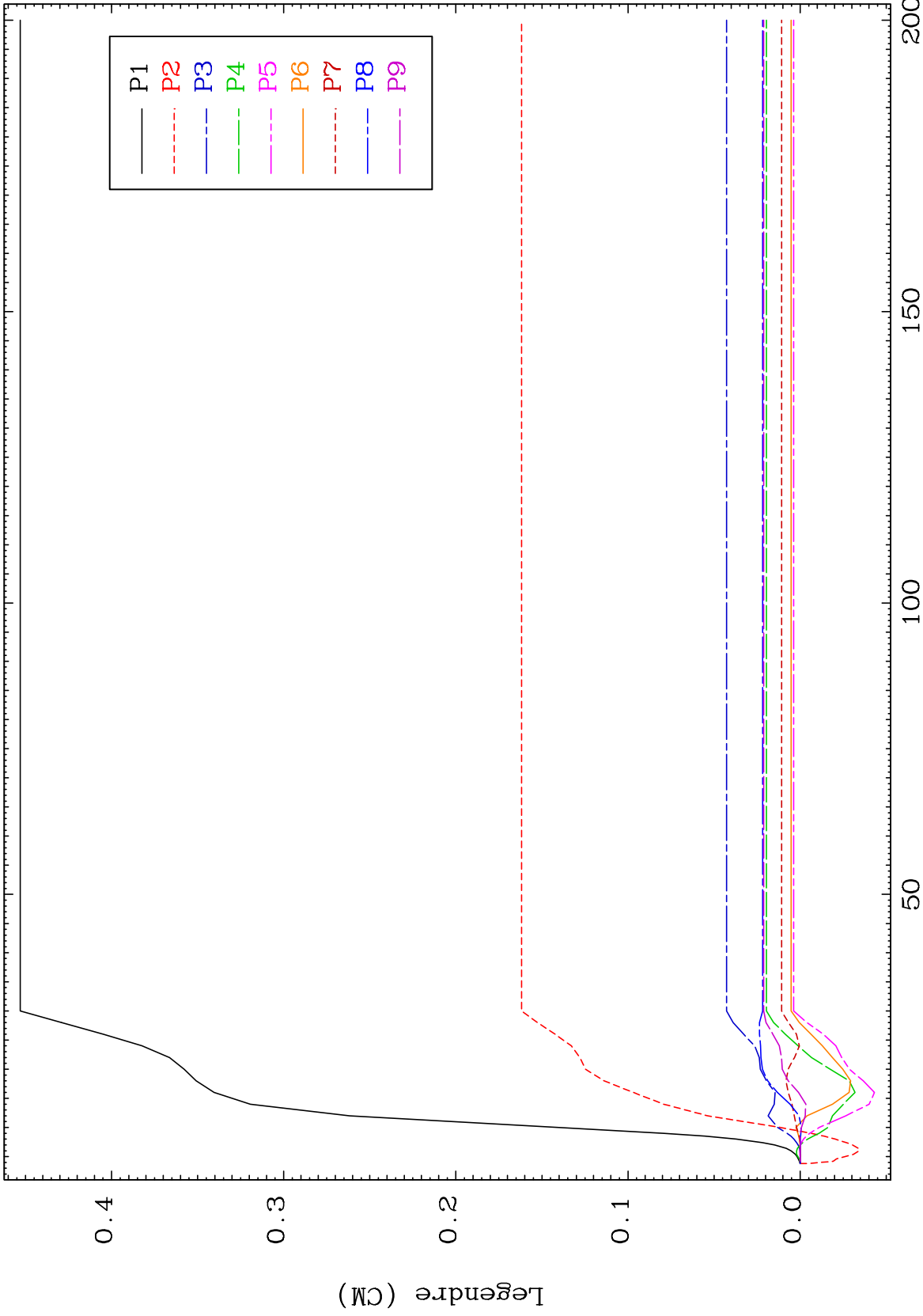
104

42-Mo-92

MAT 4225

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

42-Mo-92



105

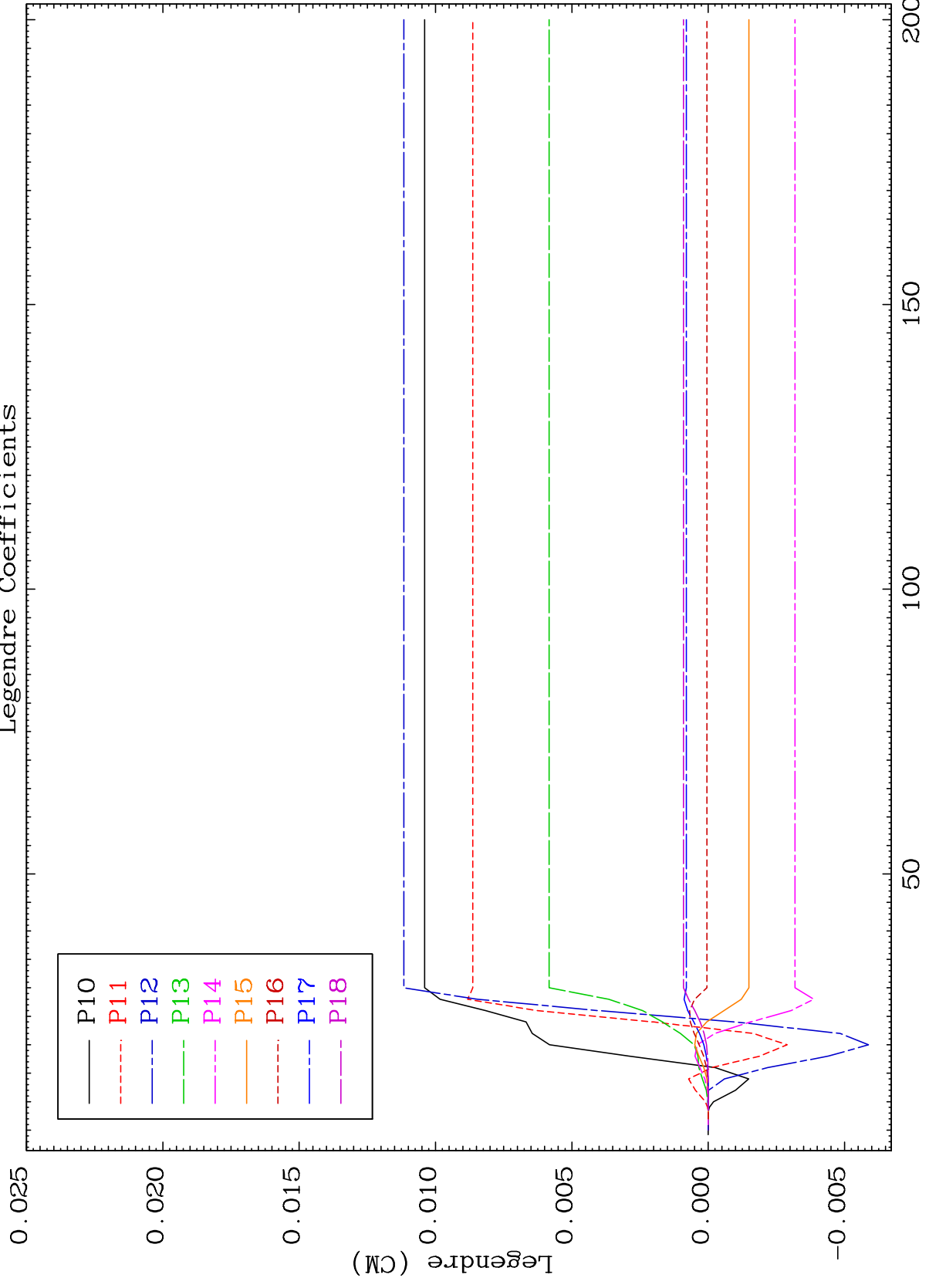
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



106

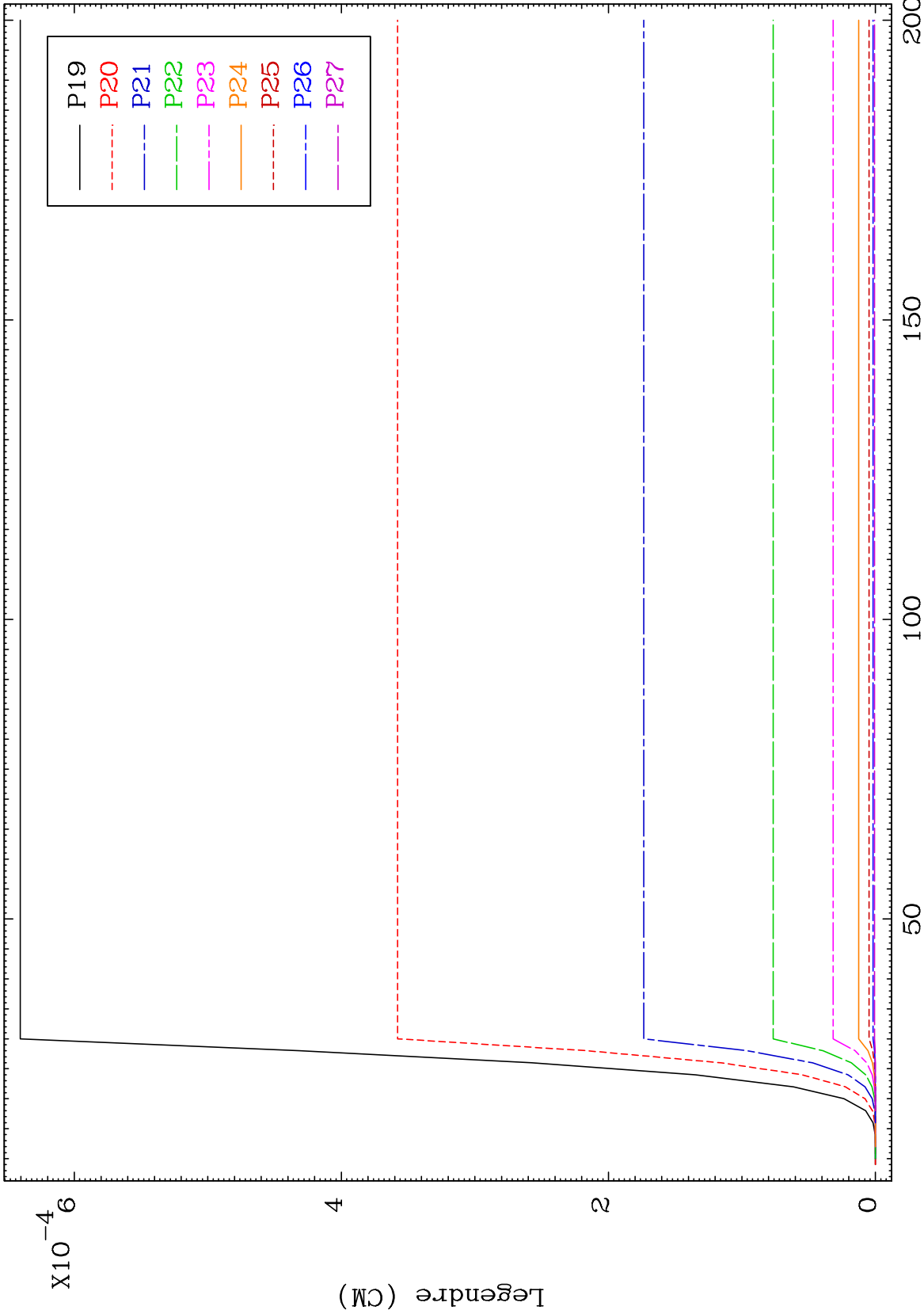
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



107

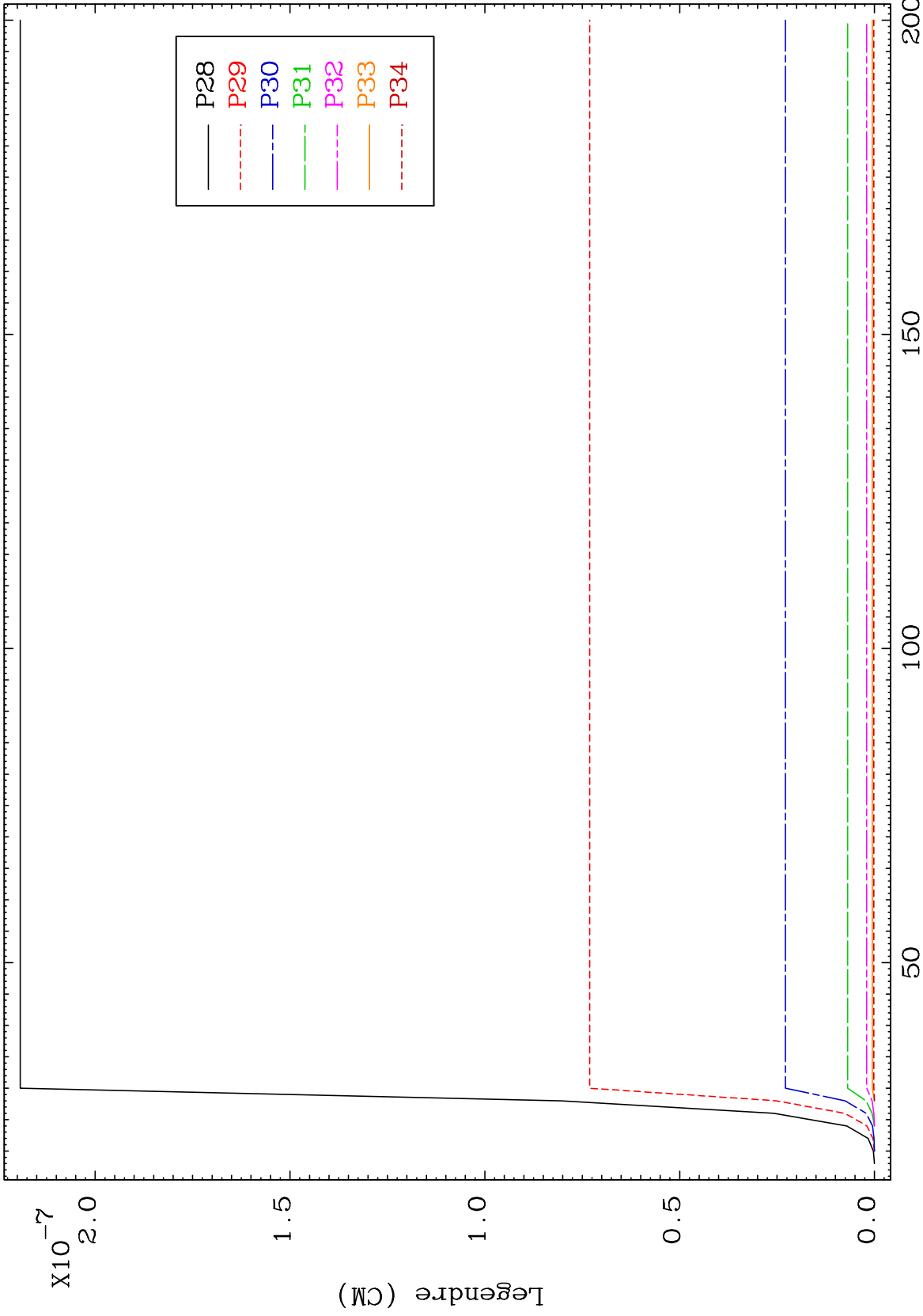
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



108

Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



109

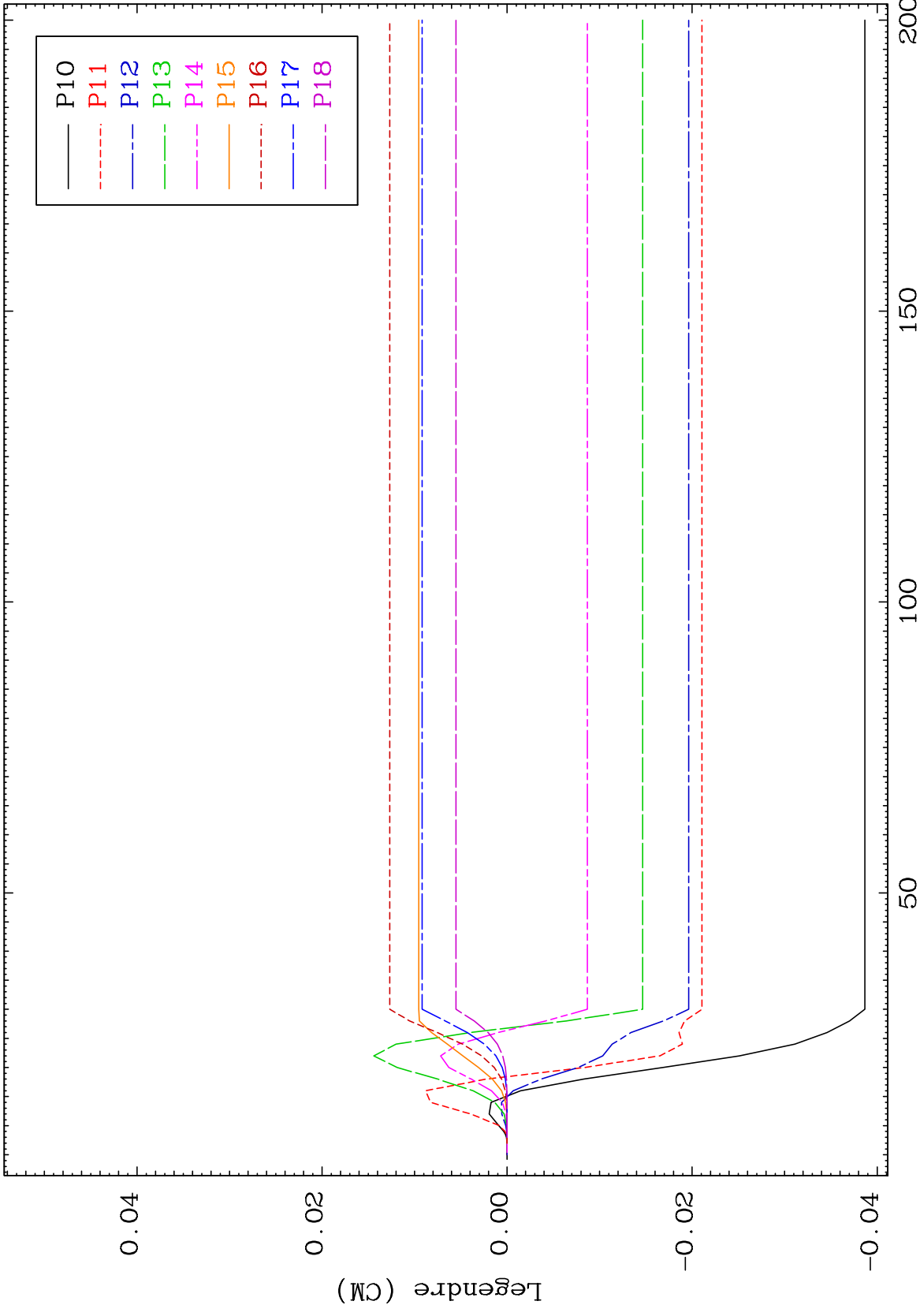
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



110

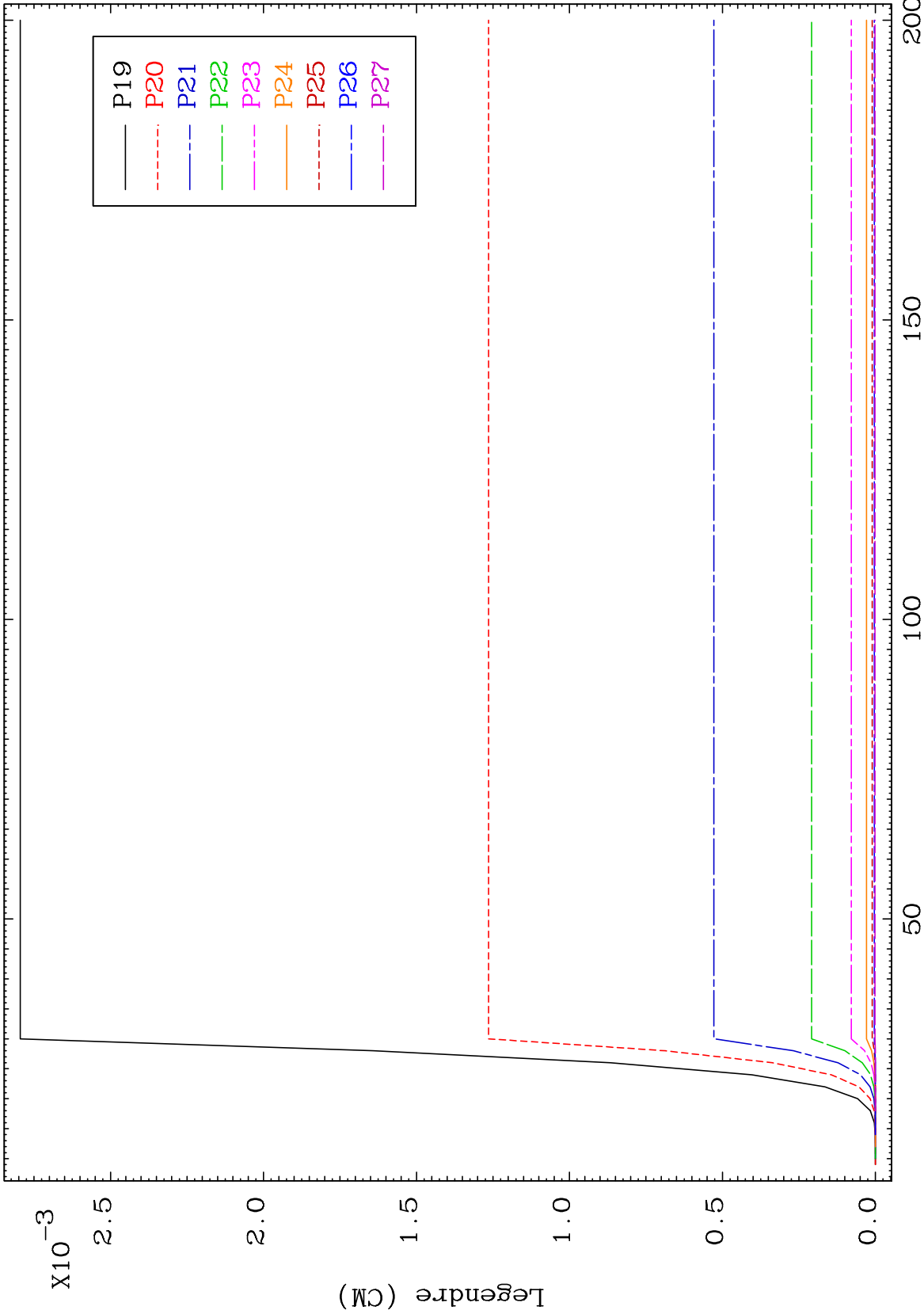
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



111

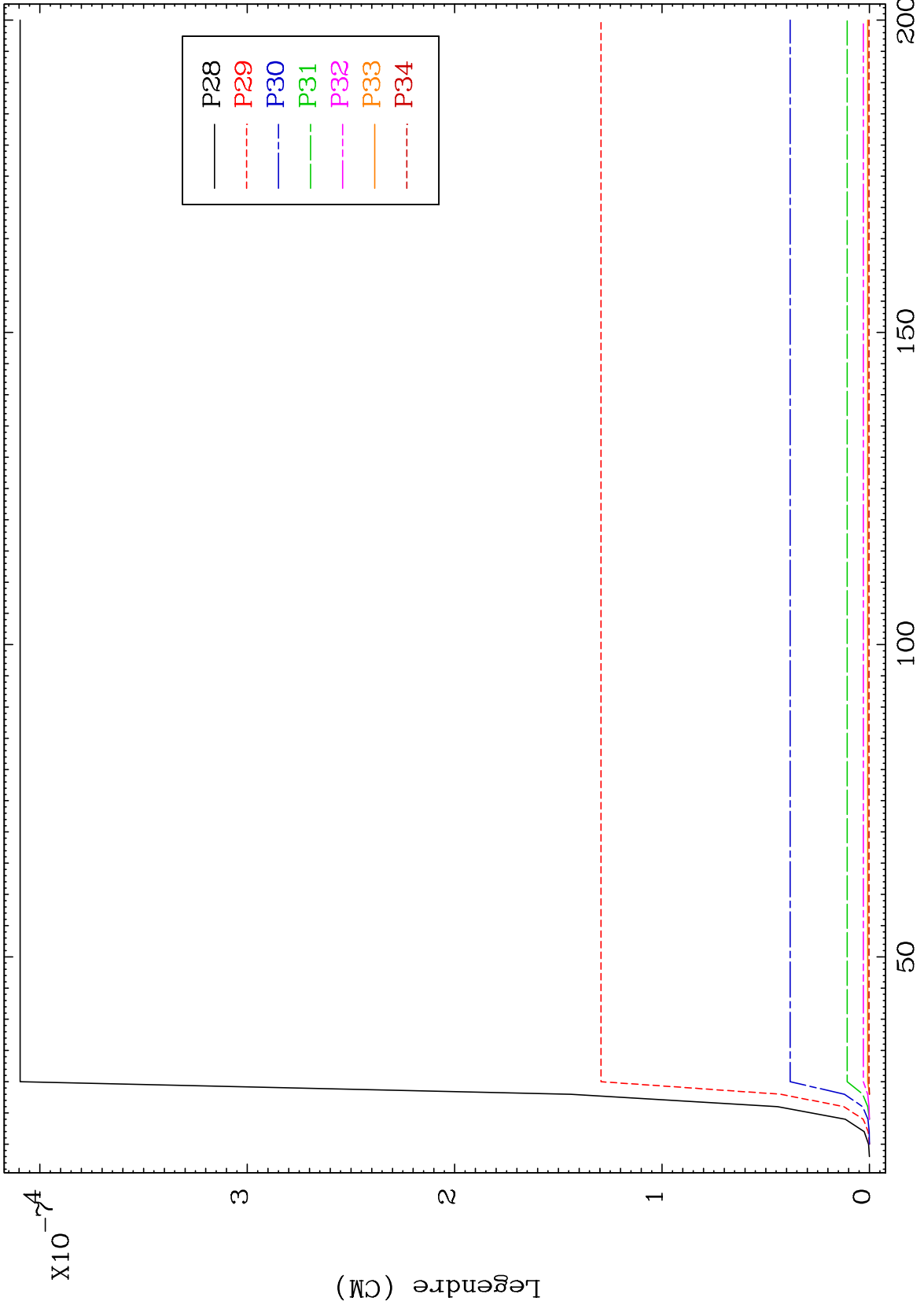
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



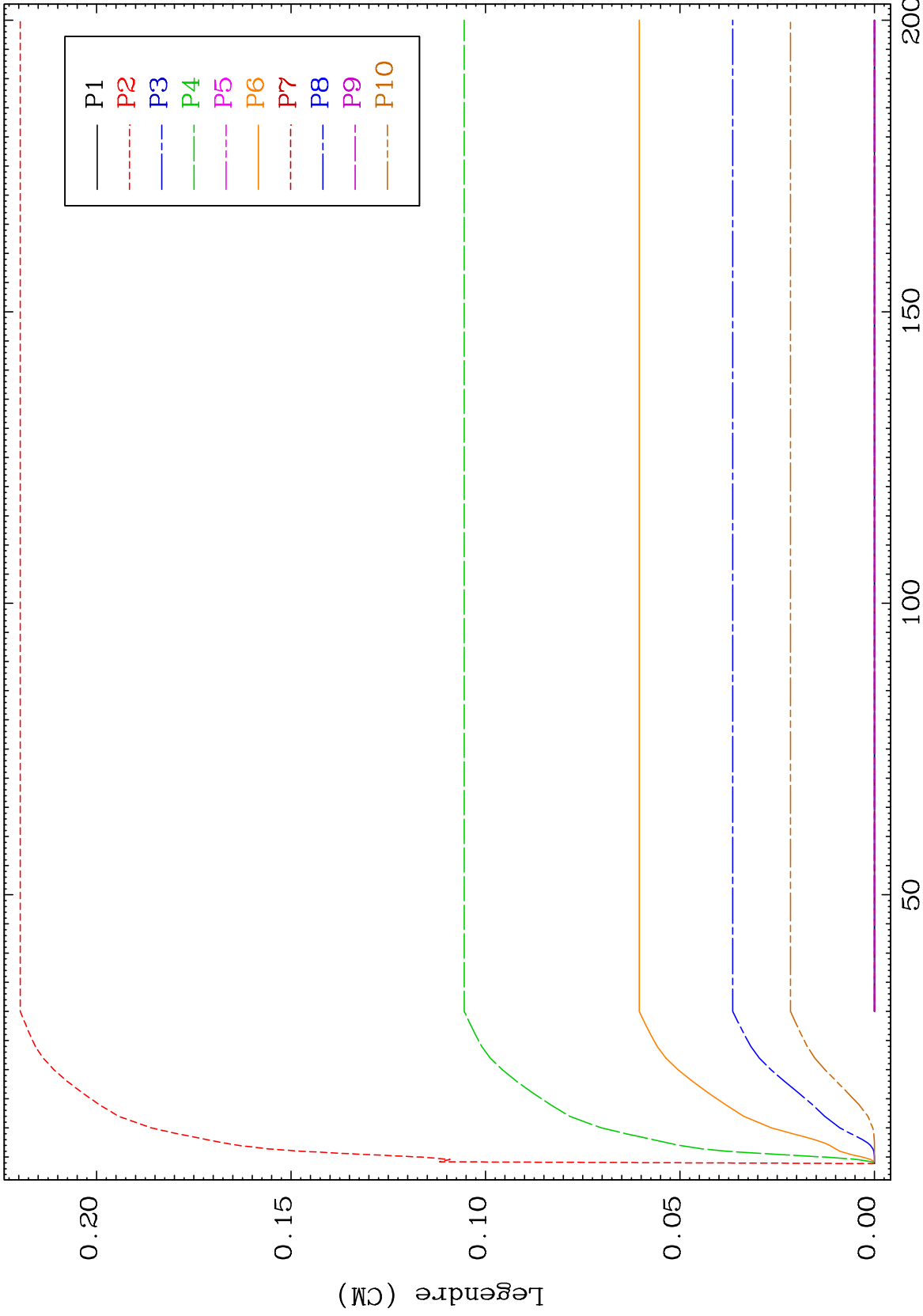
112

42-Mo-92

MAT 4225

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

42-Mo-92



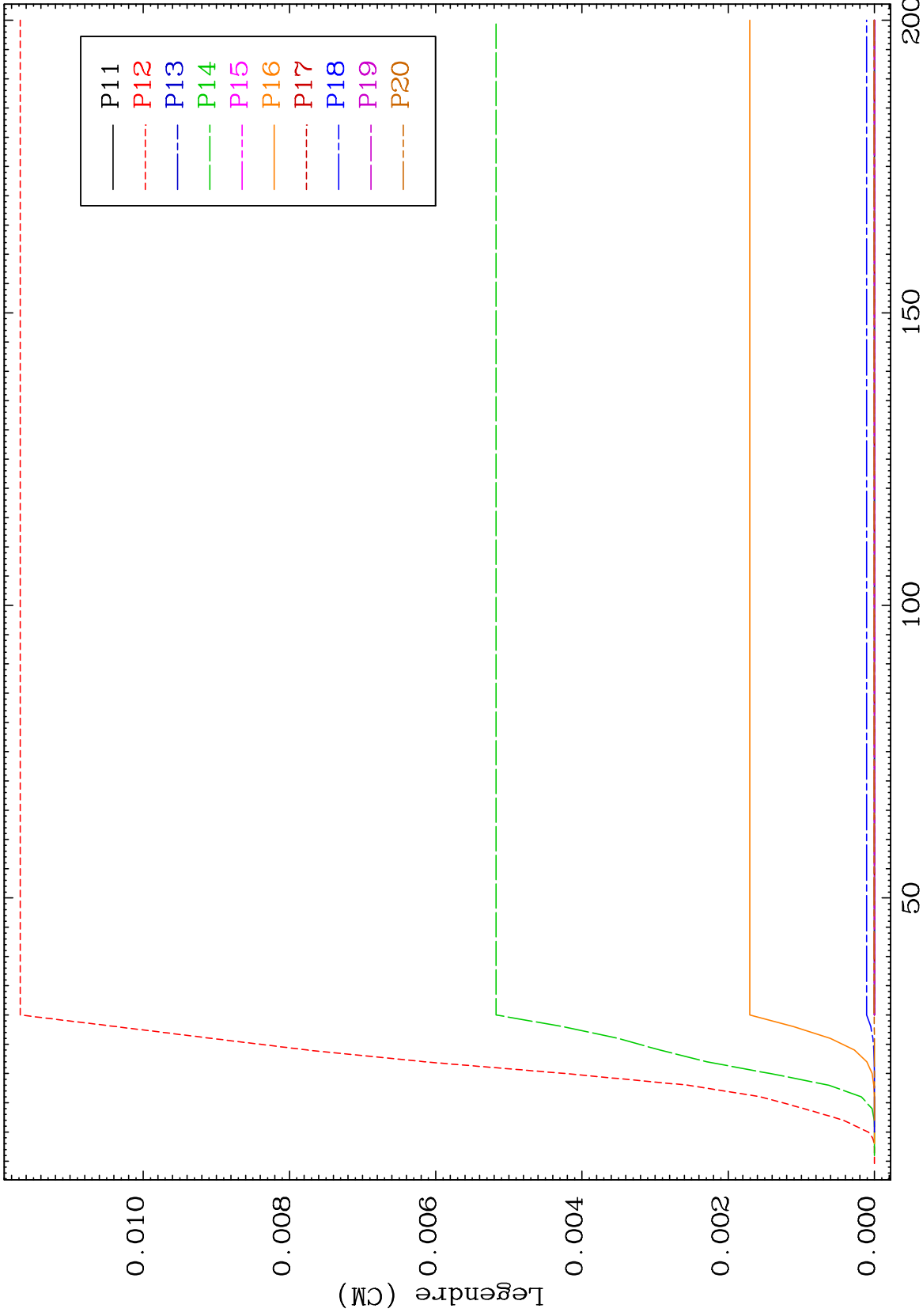
113

42-Mo-92

MAT 4225

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

42-Mo-92

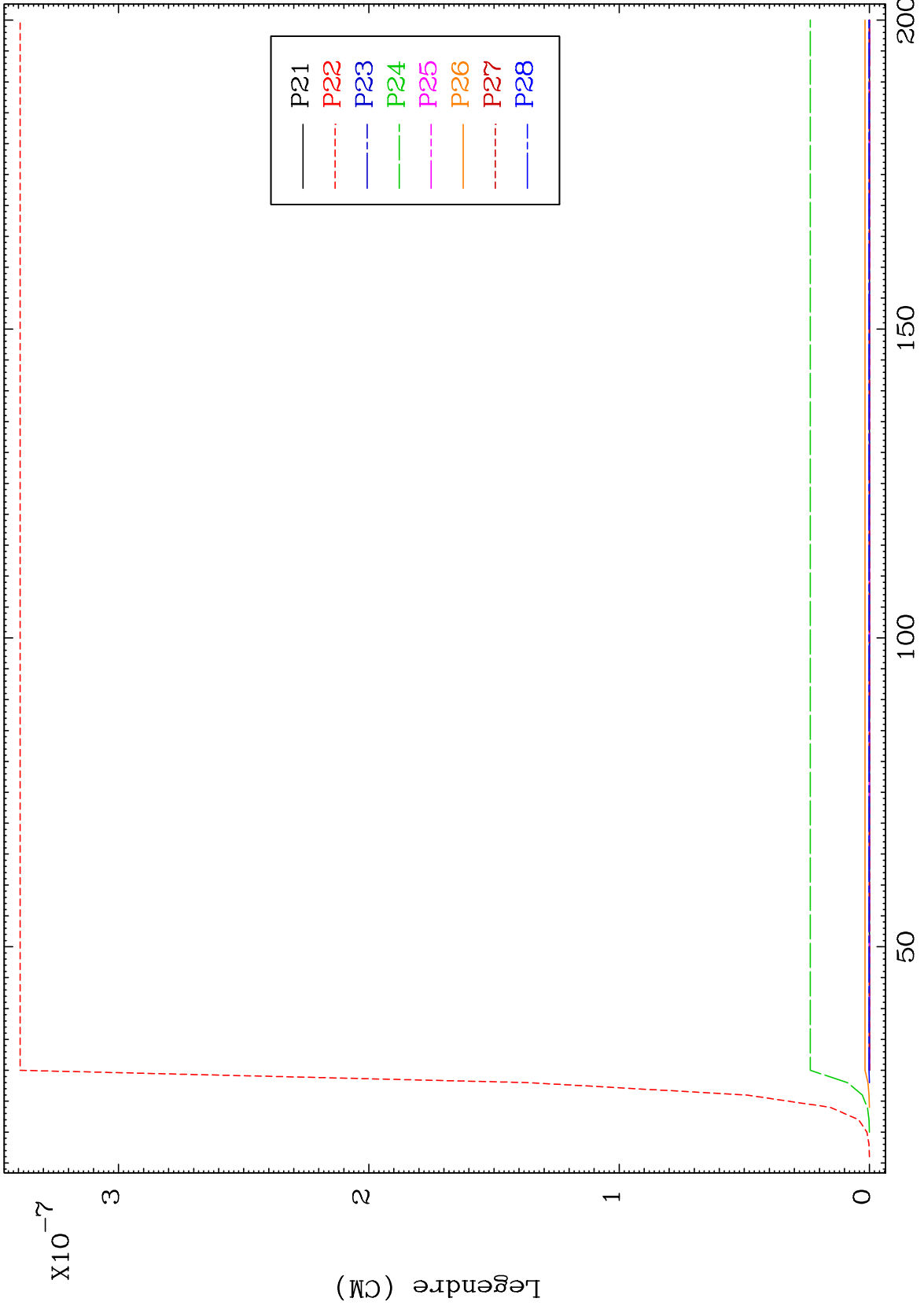


114

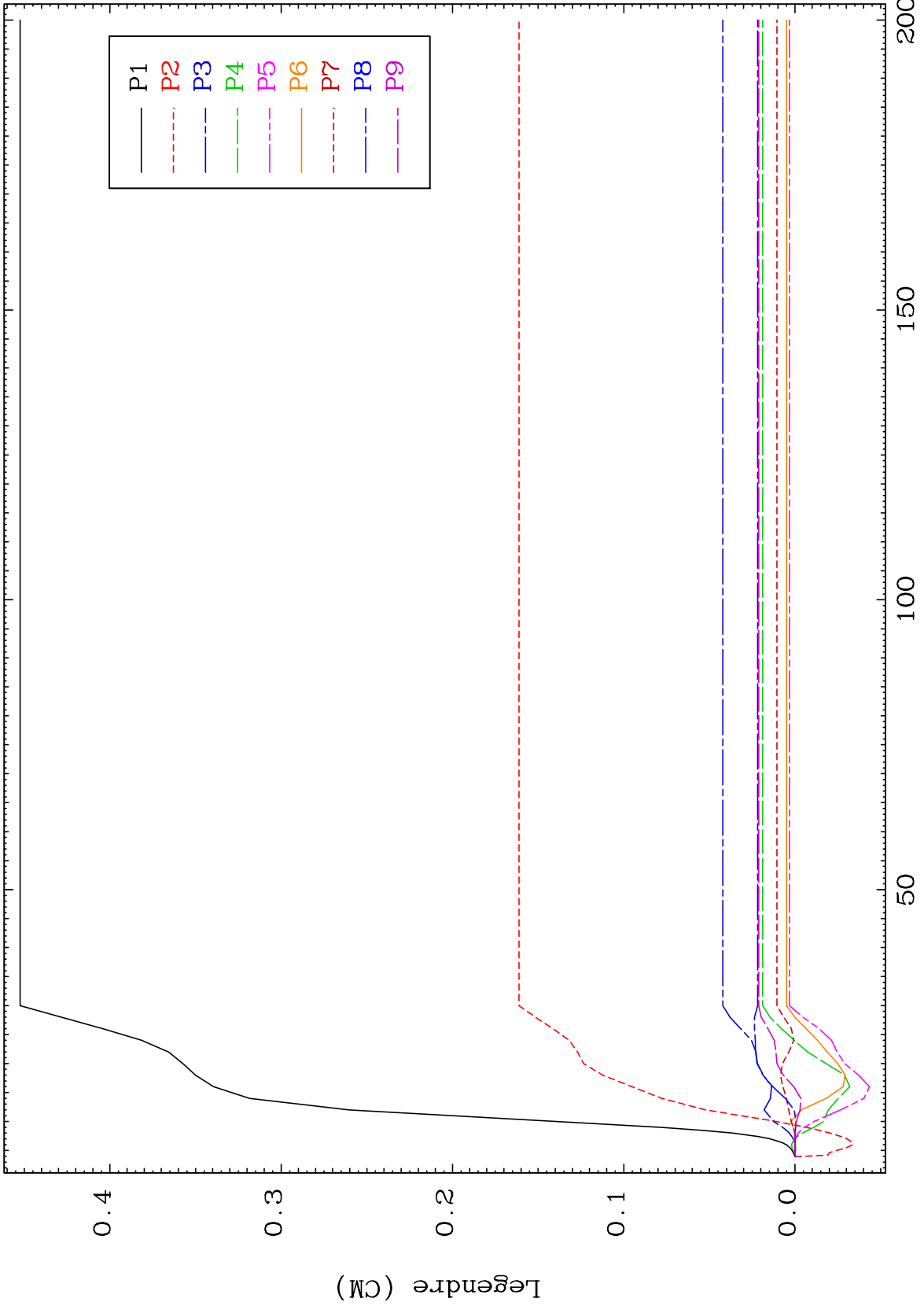
Incident Energy (MeV)

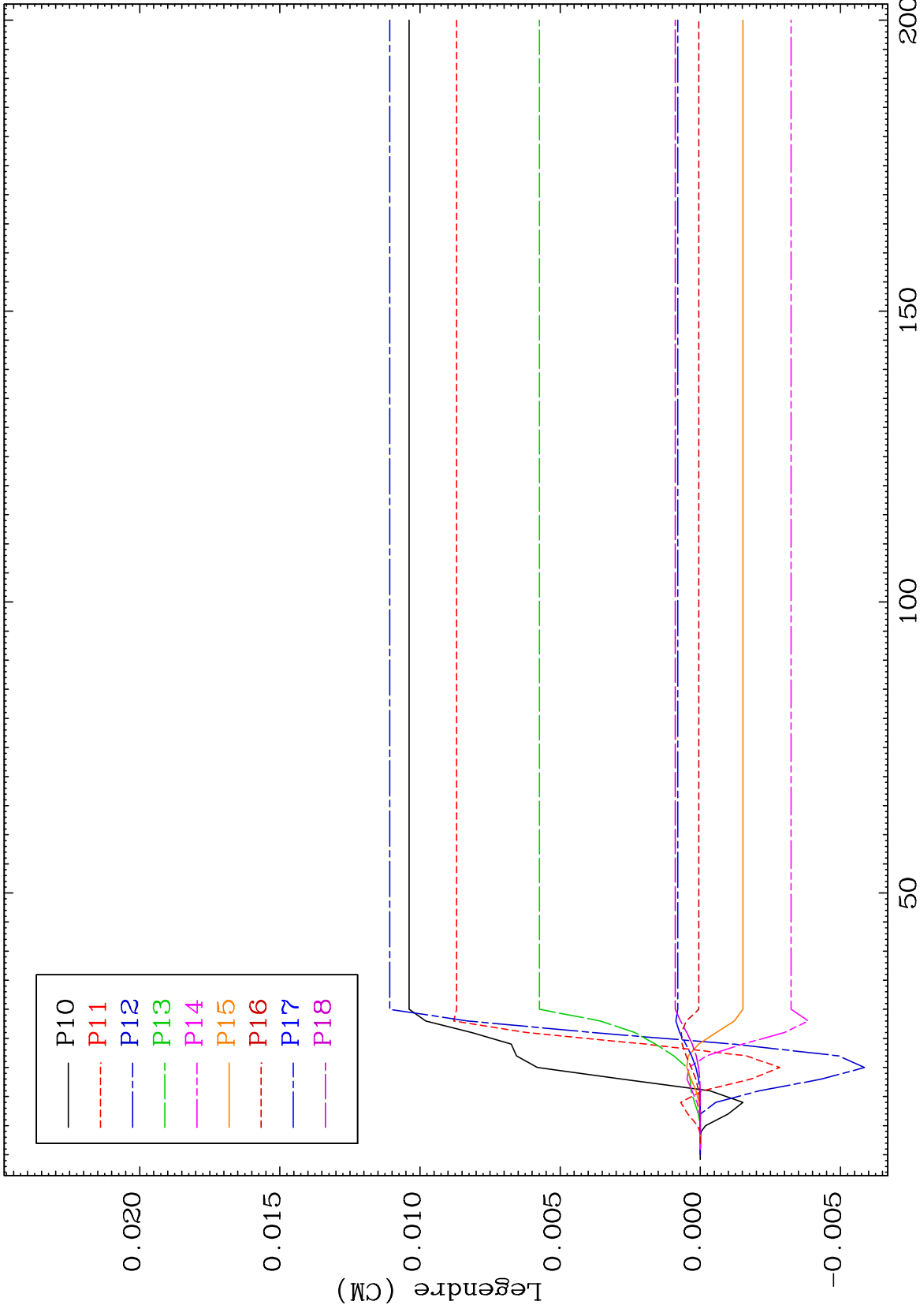
42-Mo-92

MAT 4225 MT= 77 (n,n') Level Legendre Coefficients 42-Mo-92



115 50 100 150 200 42-Mo-92

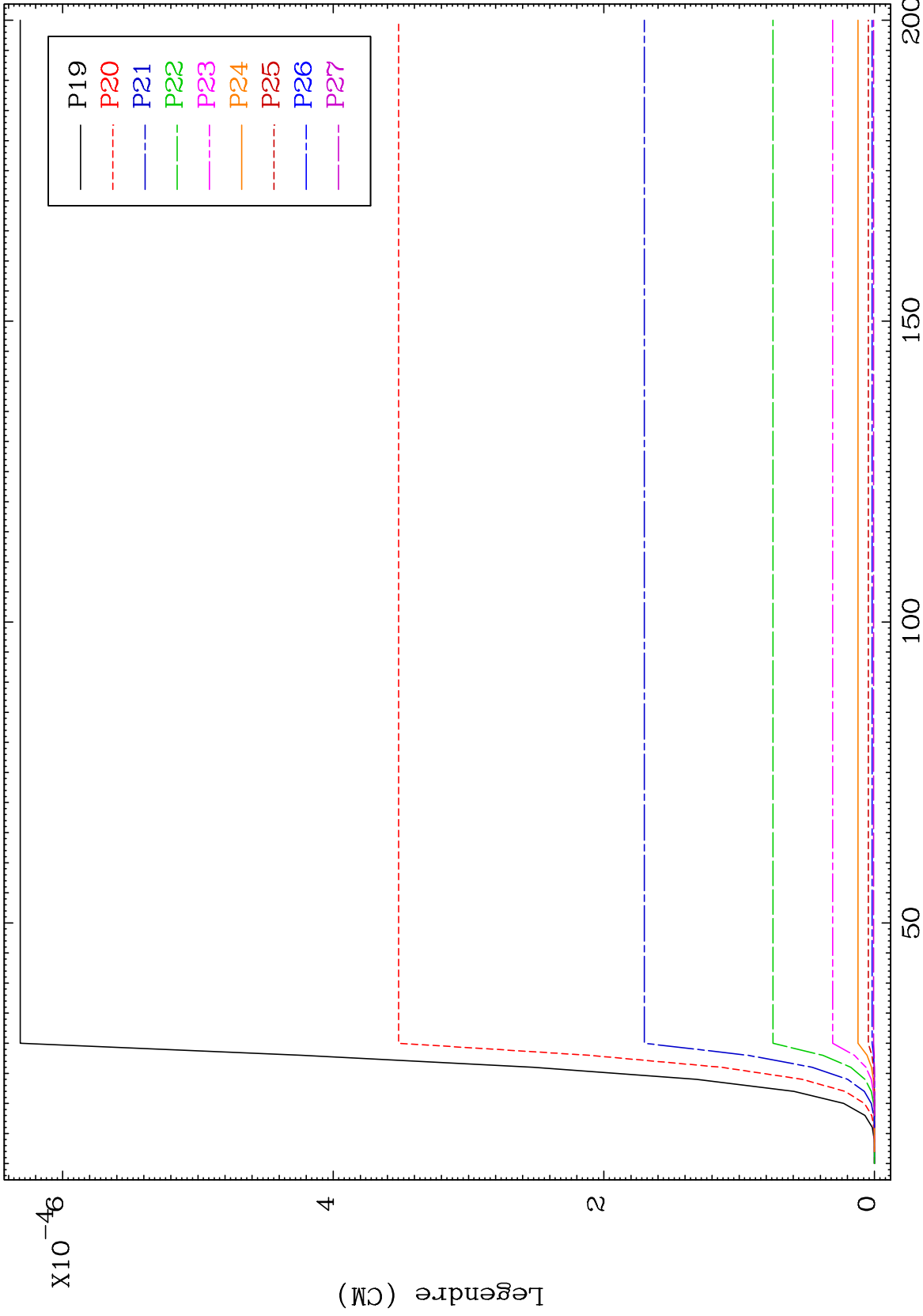




MAT 4225

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

42-Mo-92



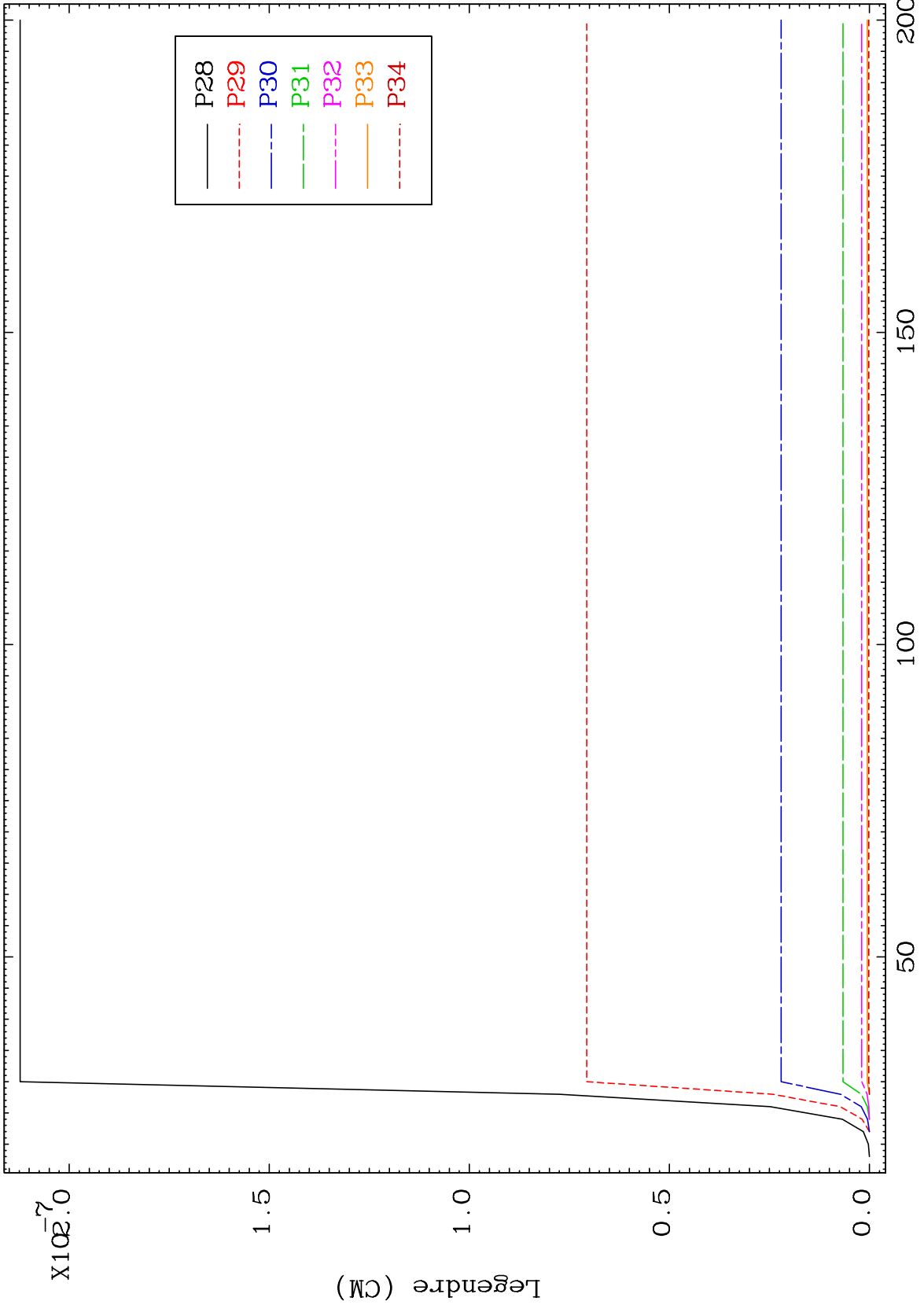
118

42-Mo-92

MAT 4225

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

42-Mo-92



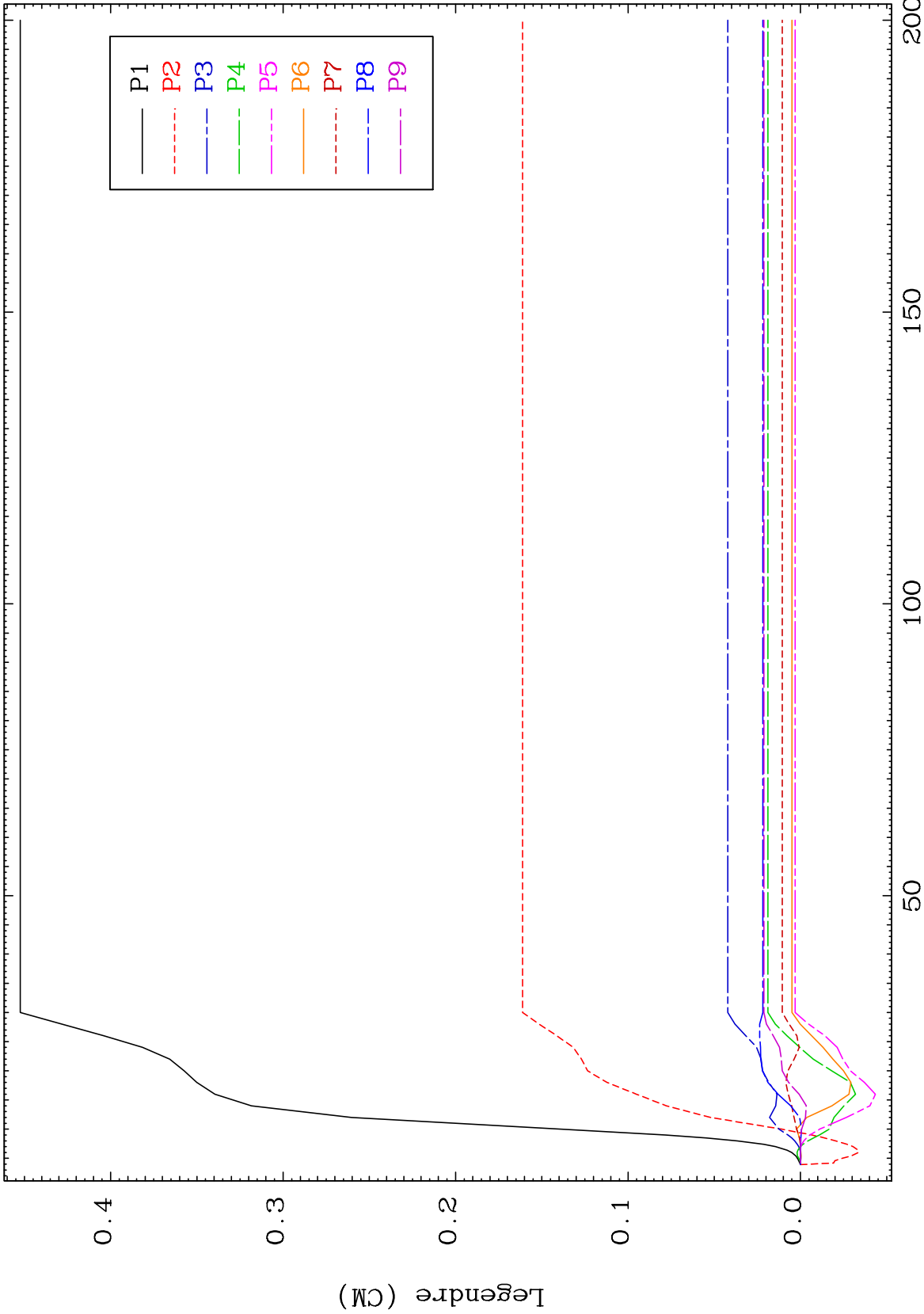
119

42-Mo-92

MAT 4225

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

42-Mo-92



120

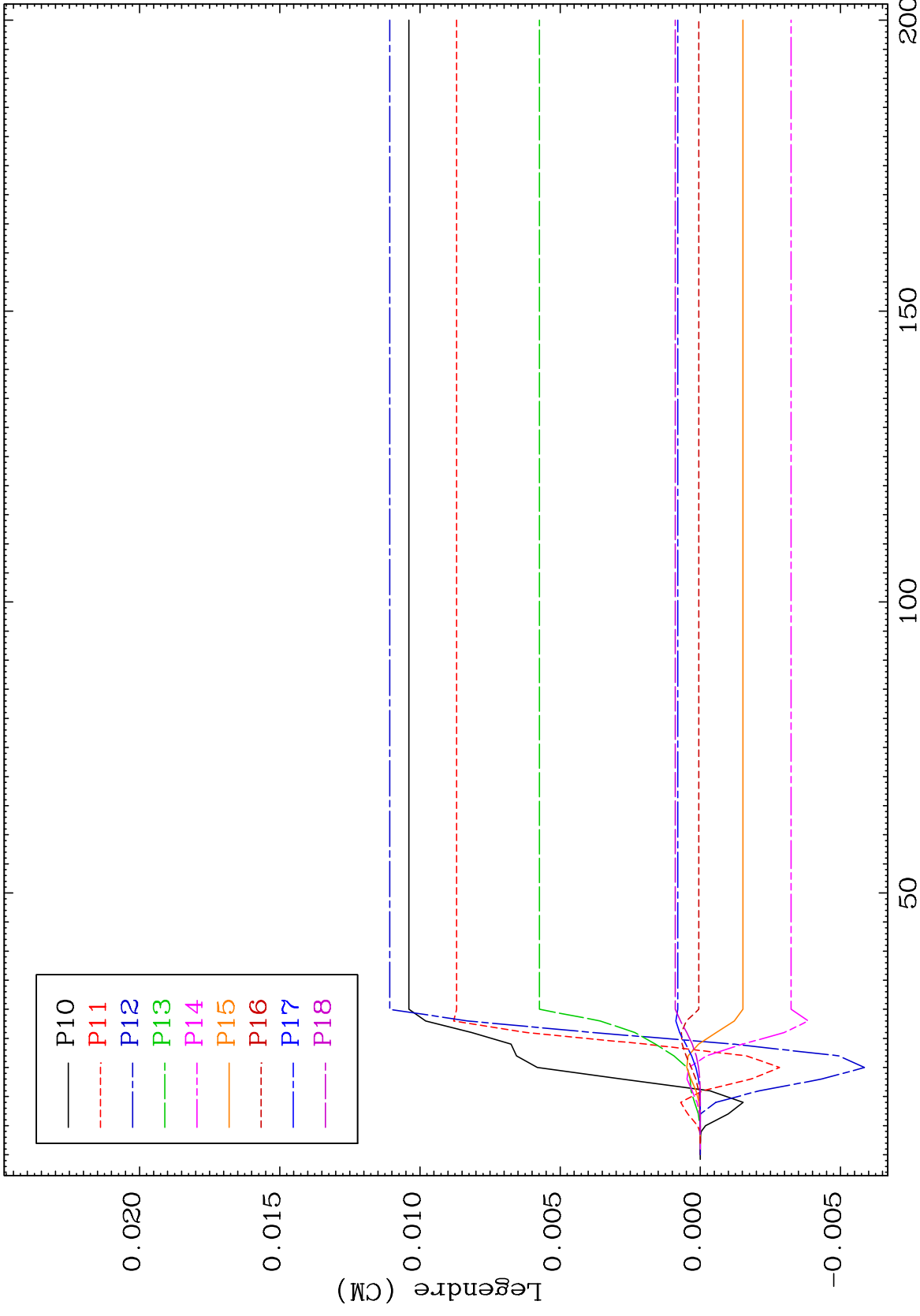
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



121

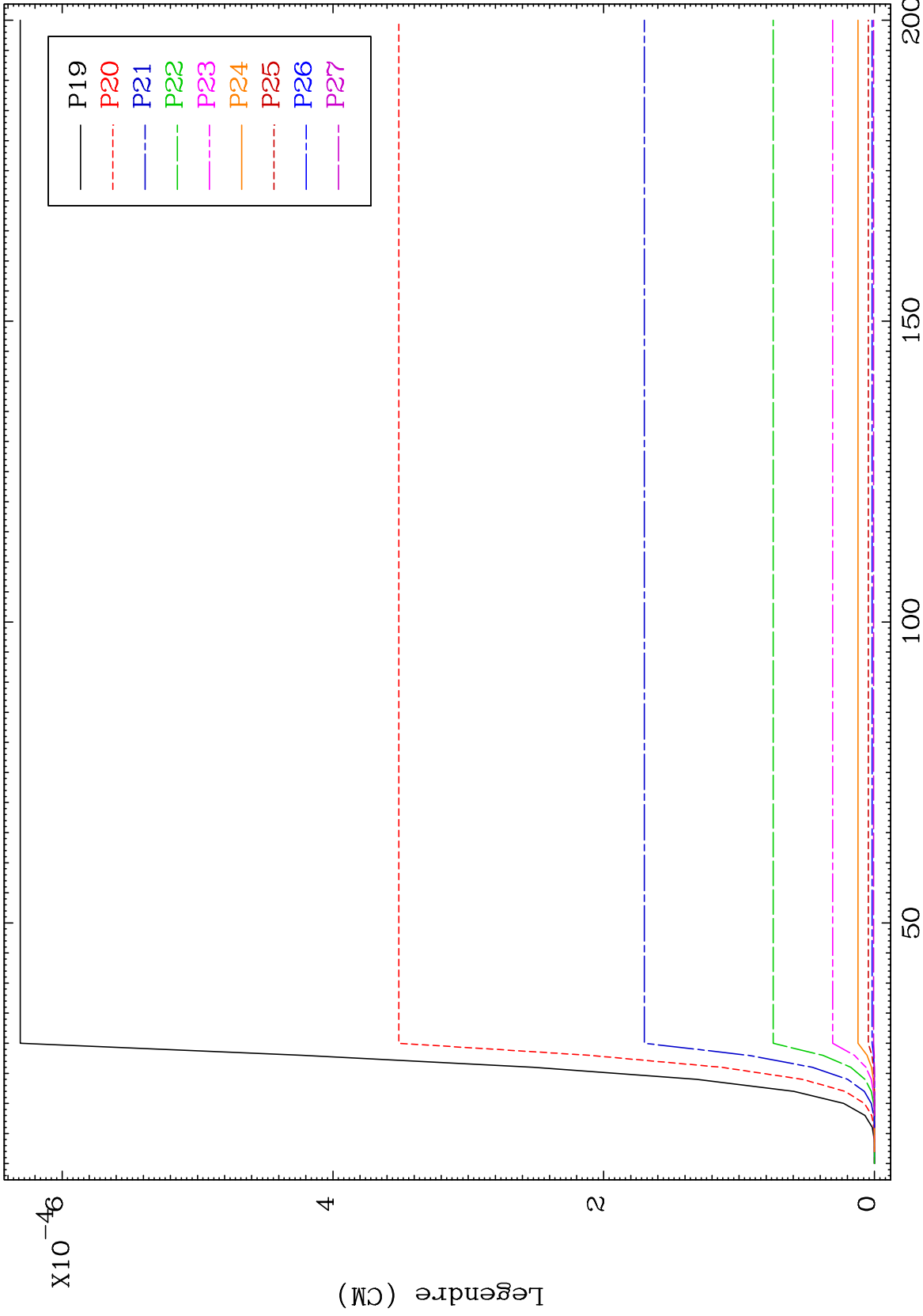
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



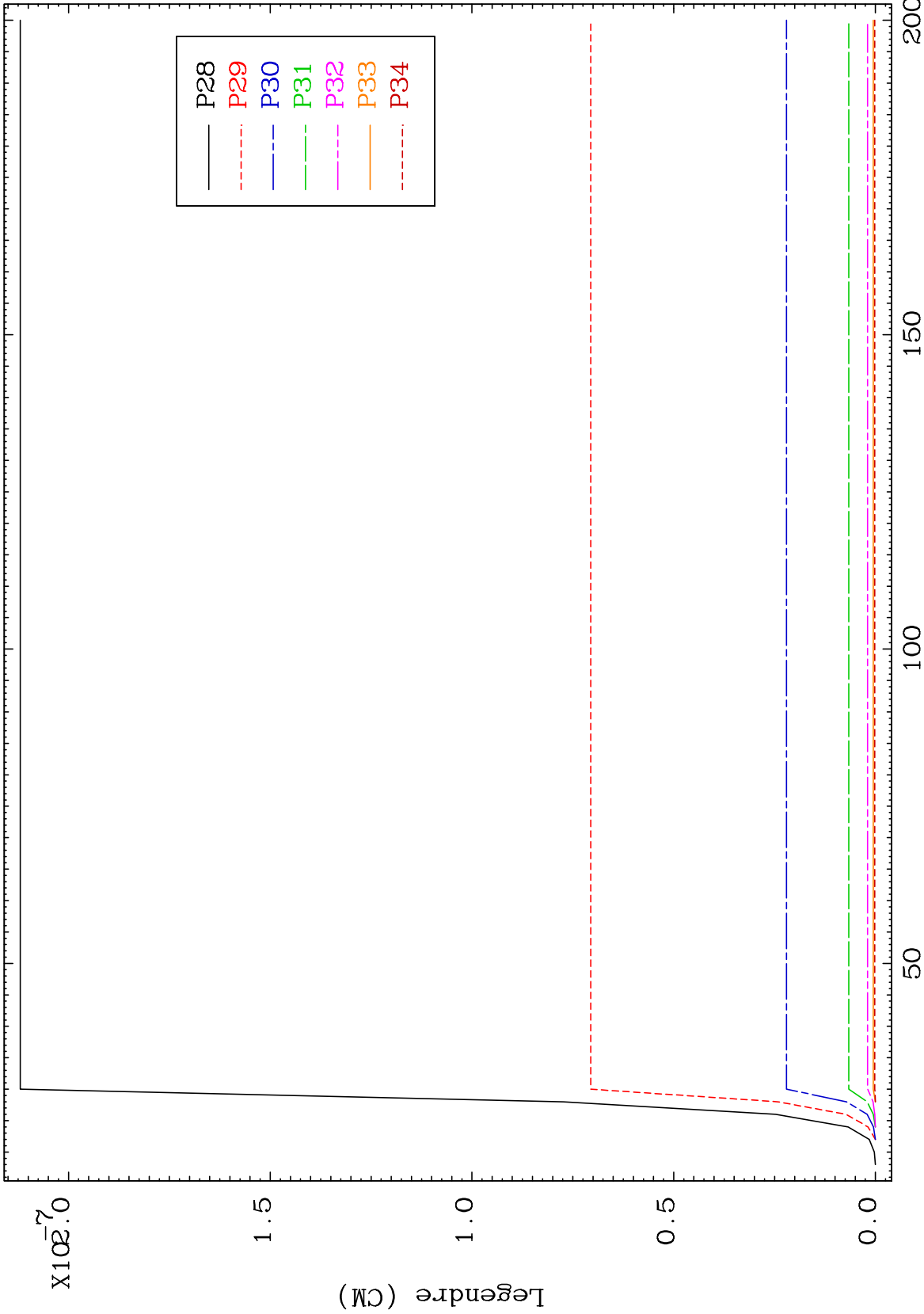
122

42-Mo-92

MAT 4225

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

42-Mo-92



123

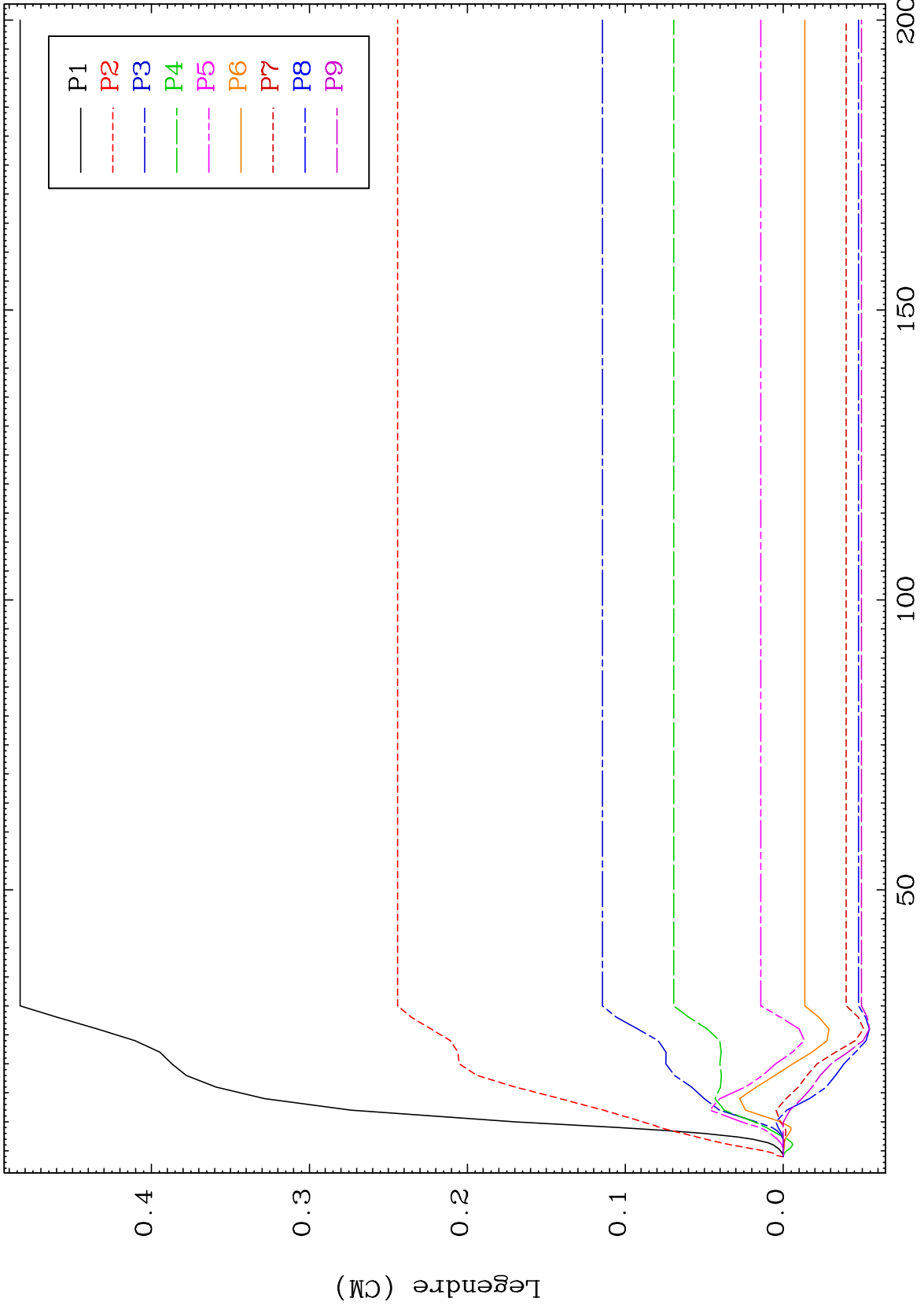
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



124

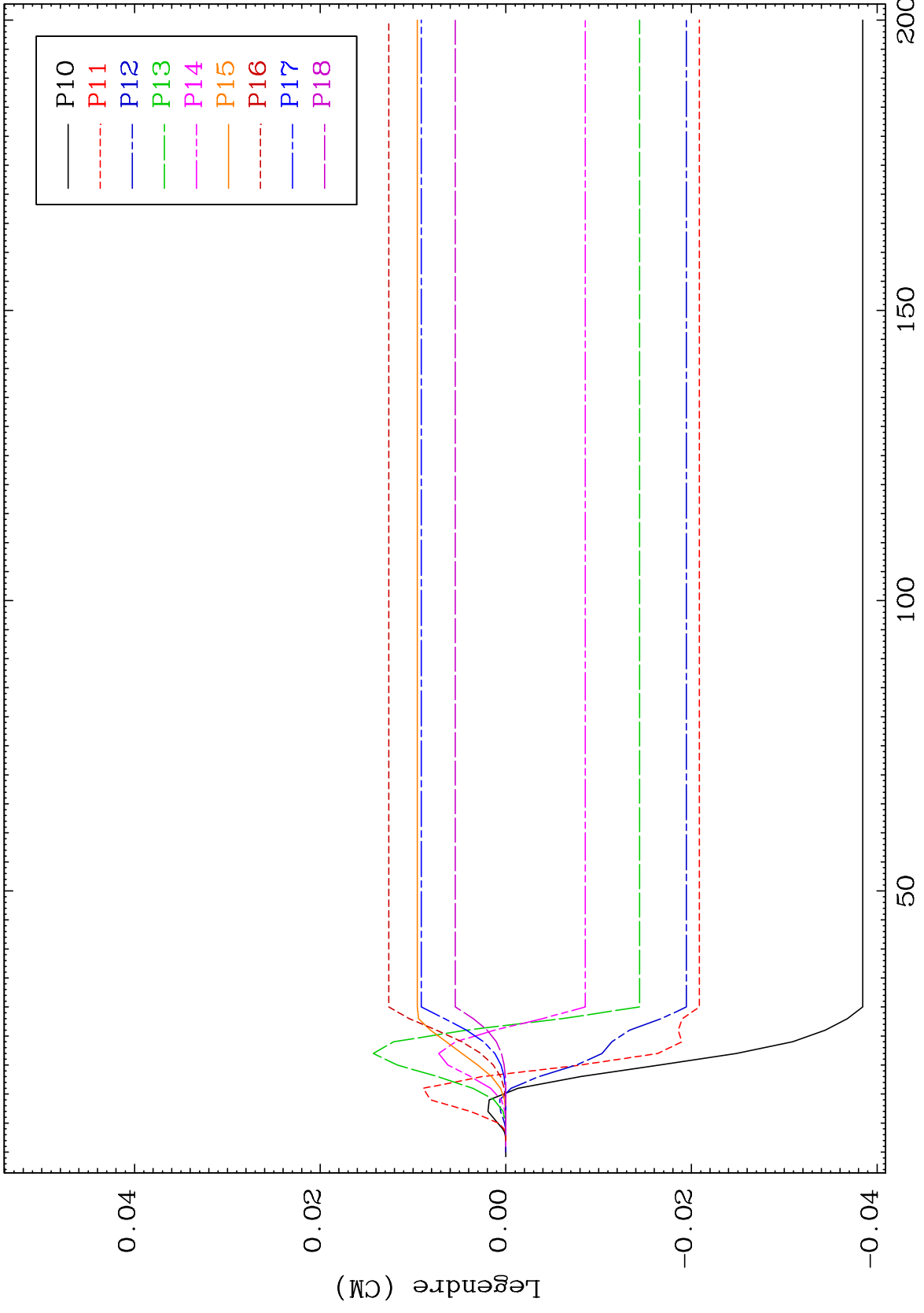
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



125

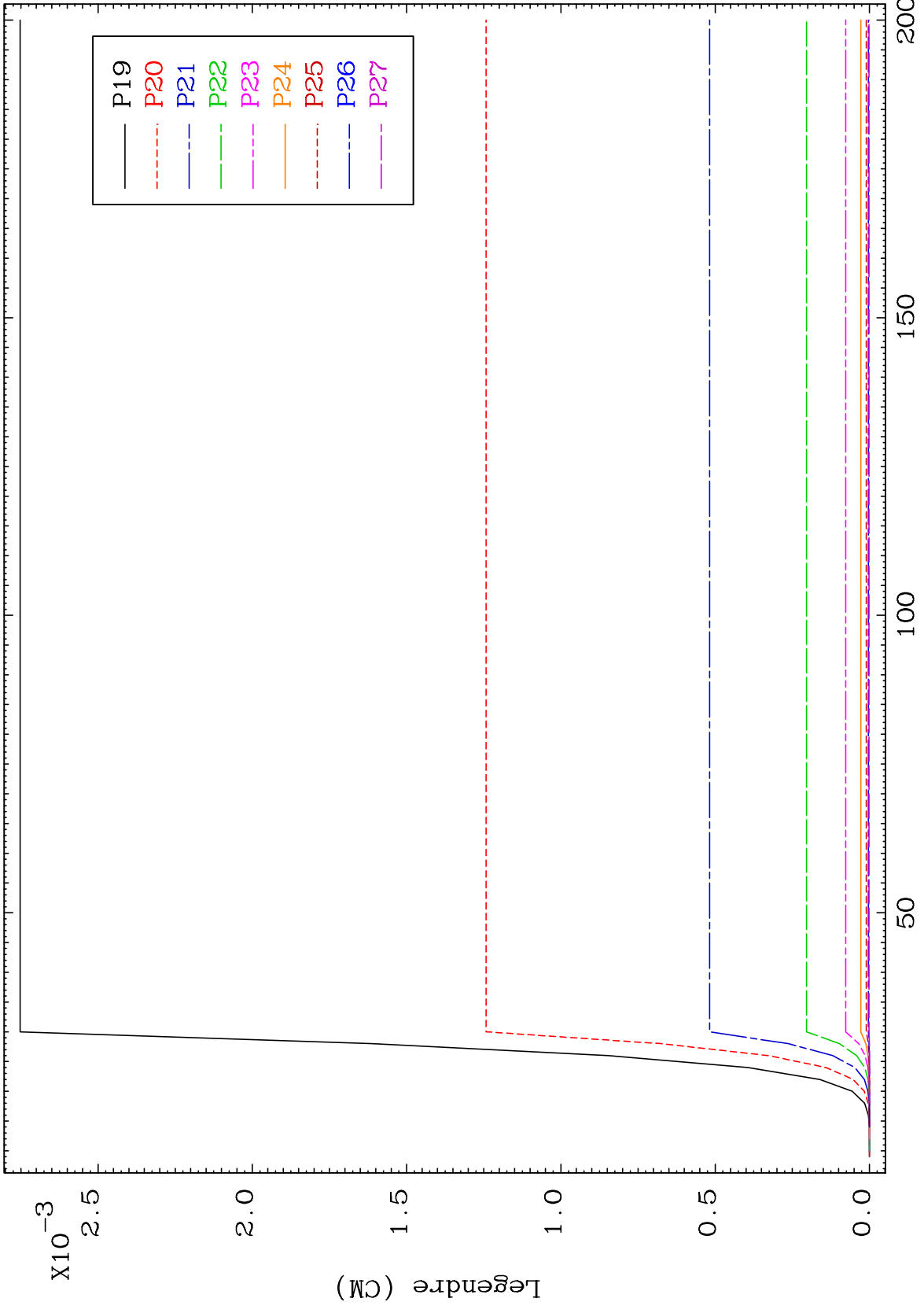
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



126

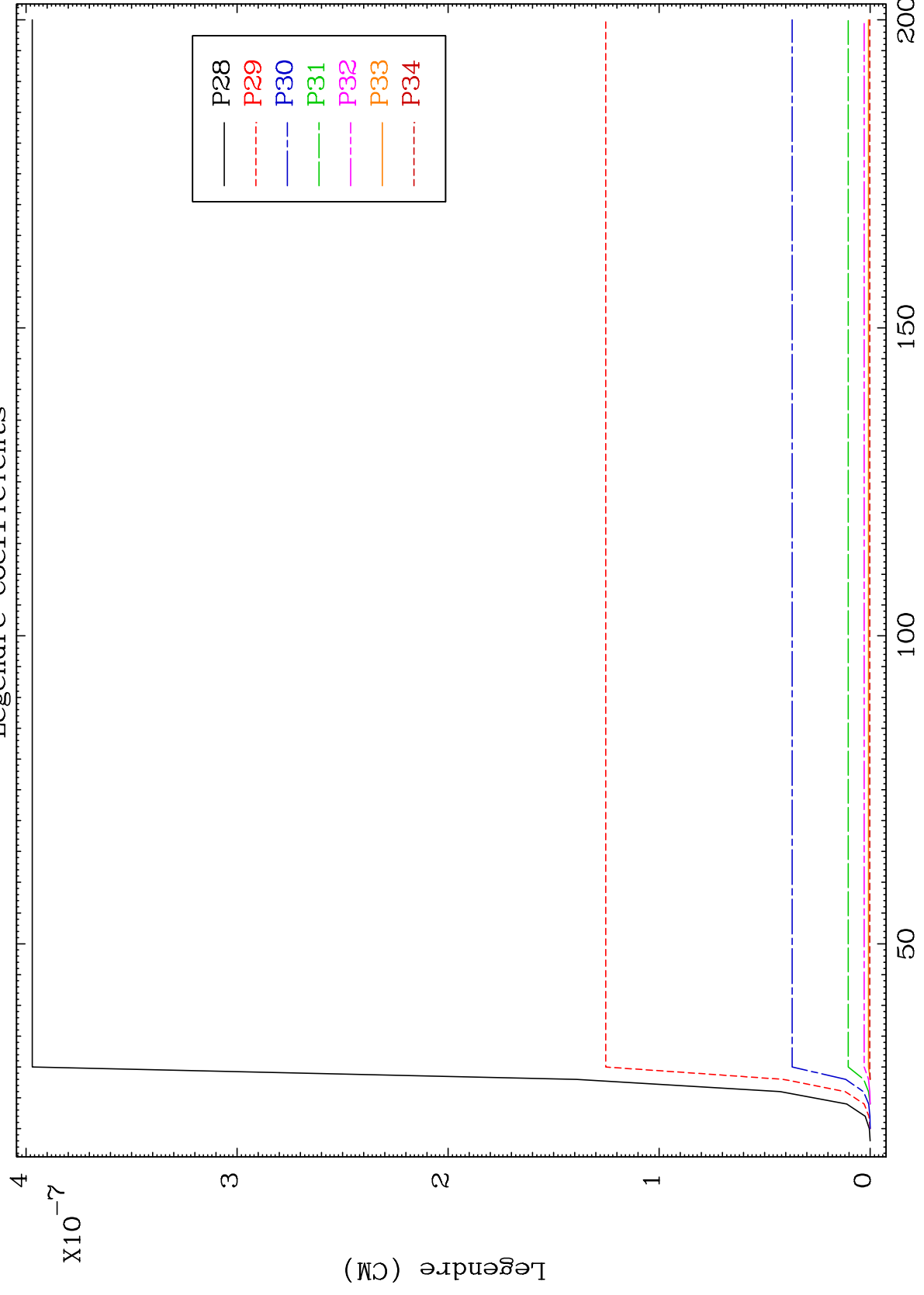
Incident Energy (MeV)

42-Mo-92

MAT 4225

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

42-Mo-92



127

Incident Energy (MeV)

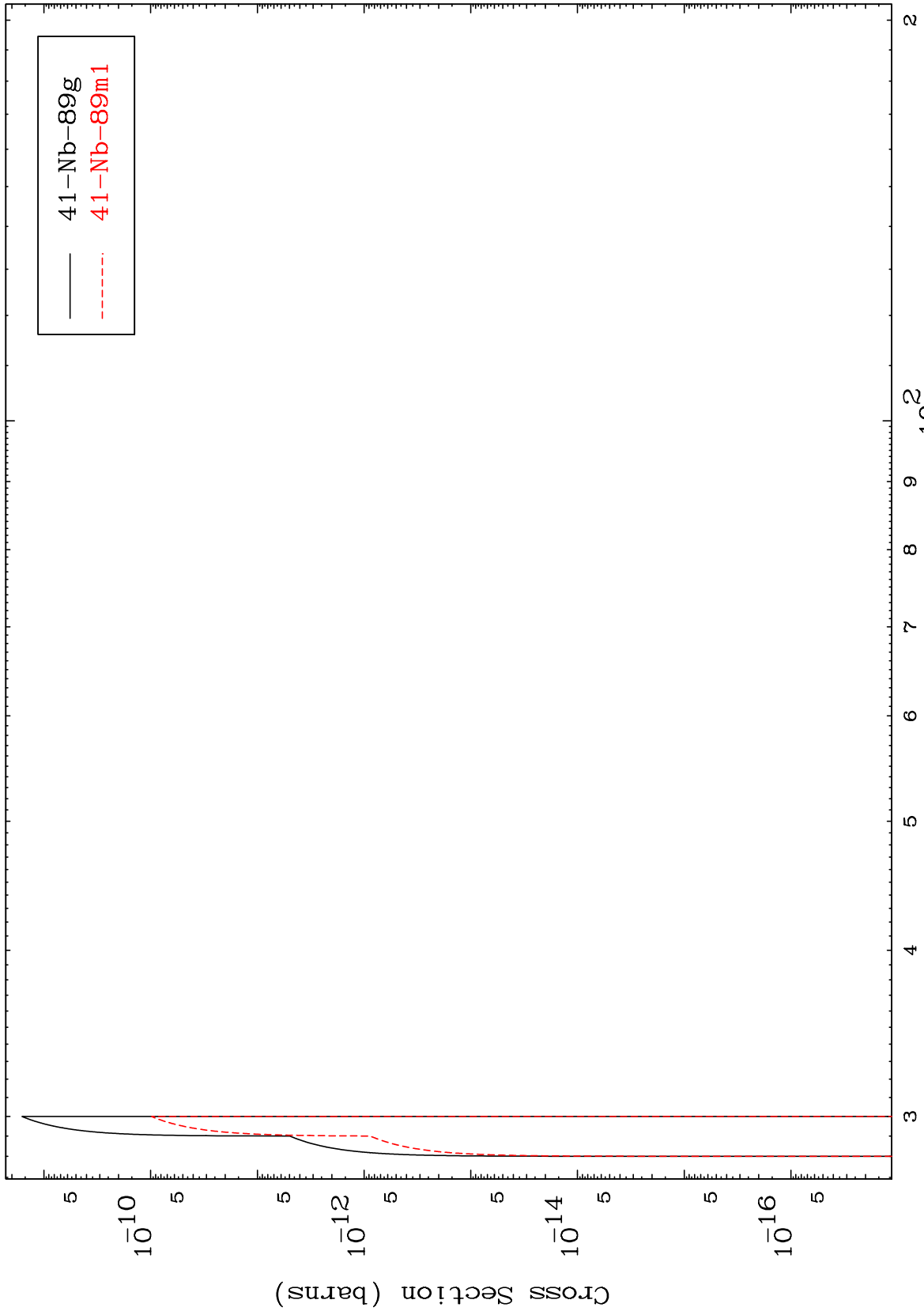
42-Mo-92

MAT 4225

(n,2n) d

42-Mo-92

Radionuclide Production Cross Section



128

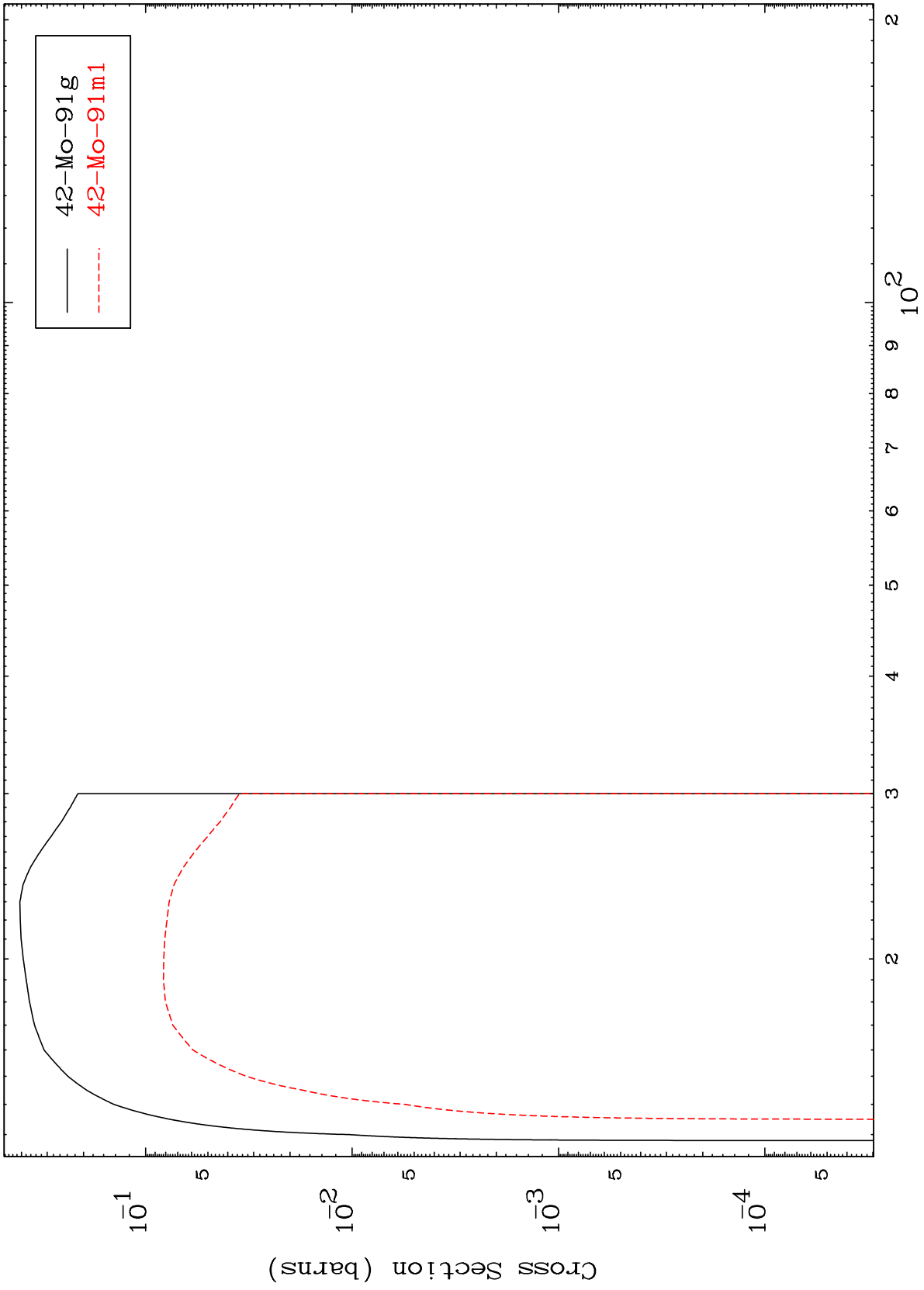
Incident Energy (MeV)

42-Mo-92

MAT 4225

42-Mo-92

(n,2n)
Radionuclide Production Cross Section



129

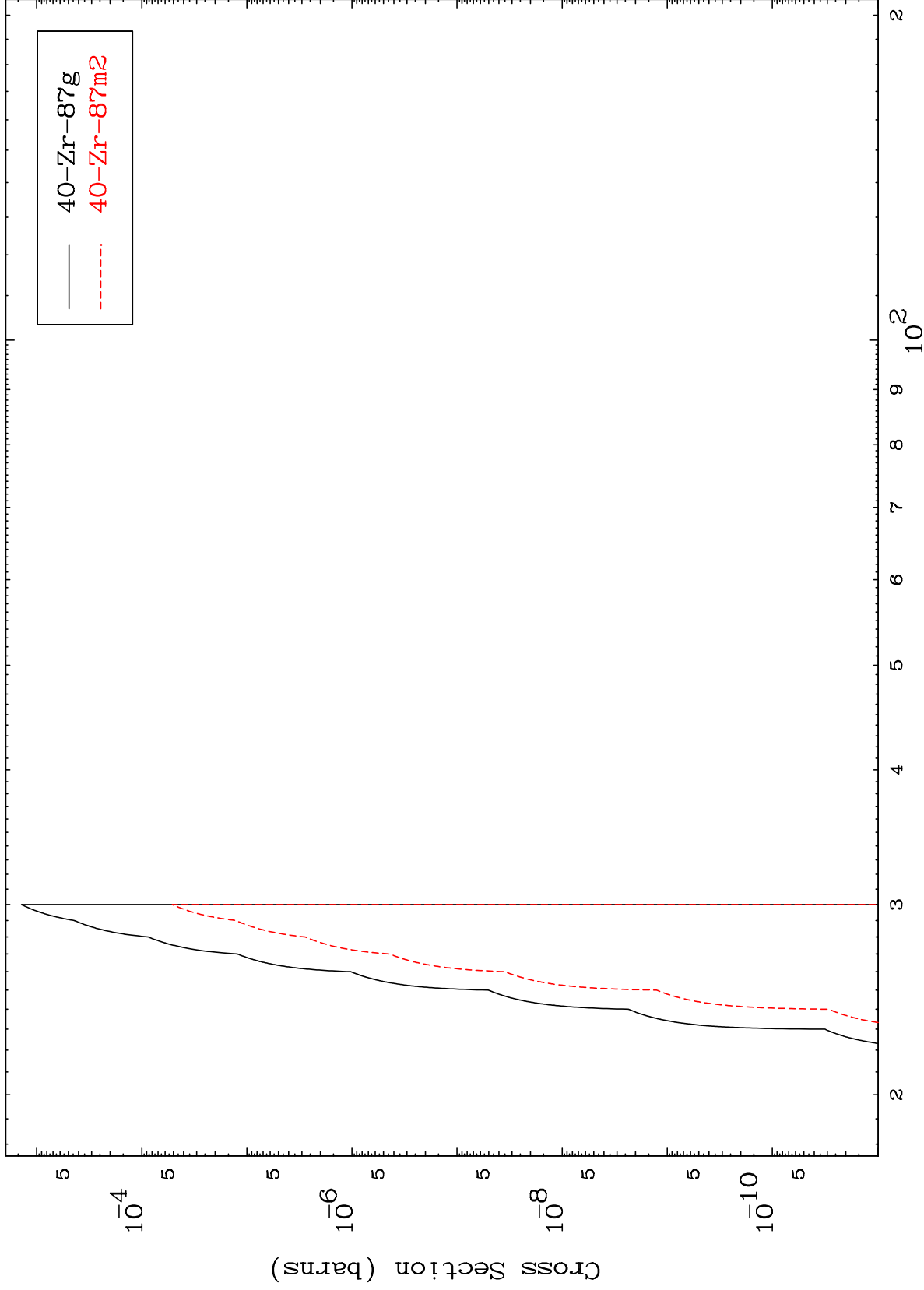
42-Mo-92

MAT 4225

(n,2n) α

42-Mo-92

Radionuclide Production Cross Section



130

Incident Energy (MeV)

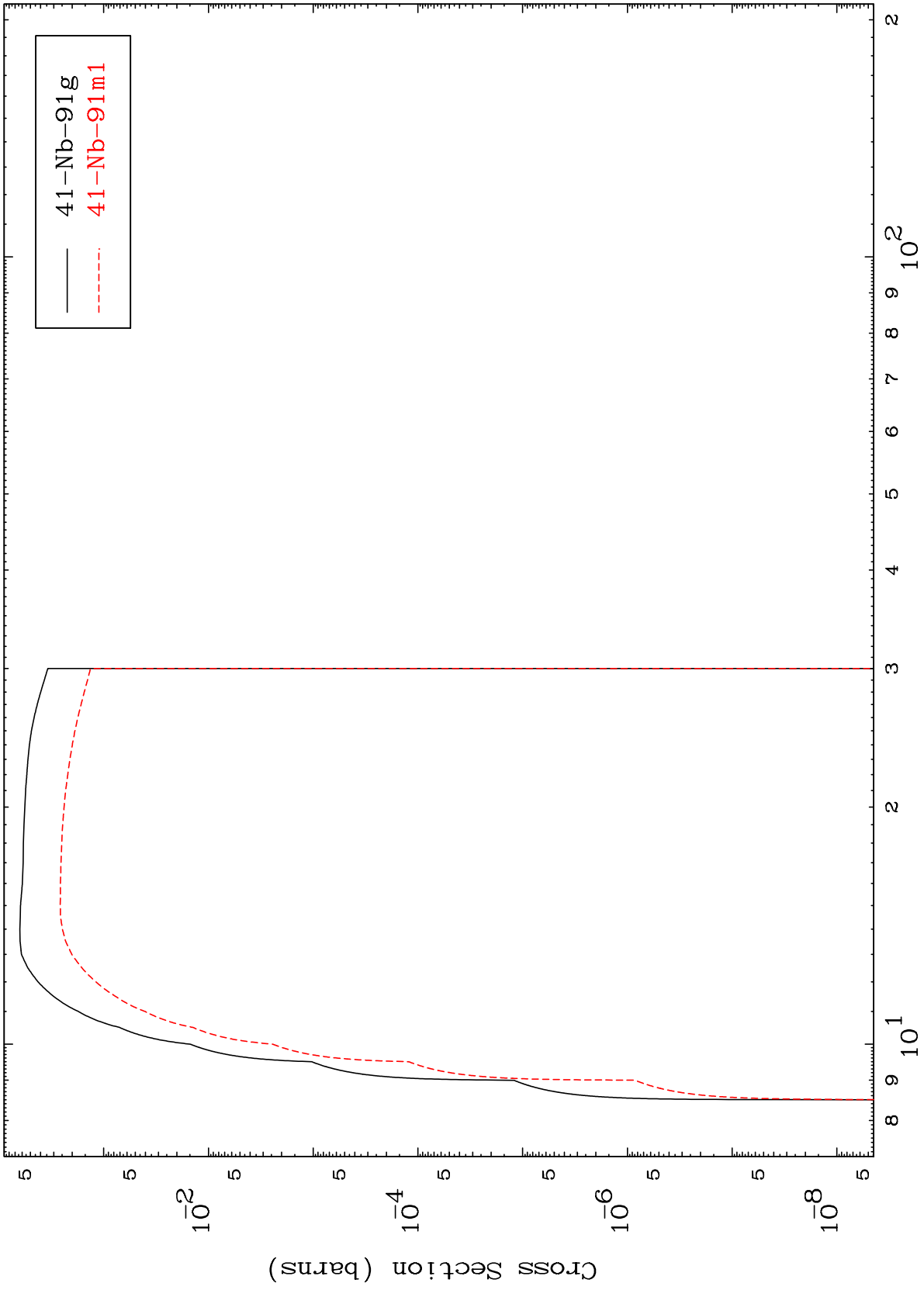
42-Mo-92

MAT 4225

(n,n') p

42-Mo-92

Radionuclide Production Cross Section



131

Incident Energy (MeV)

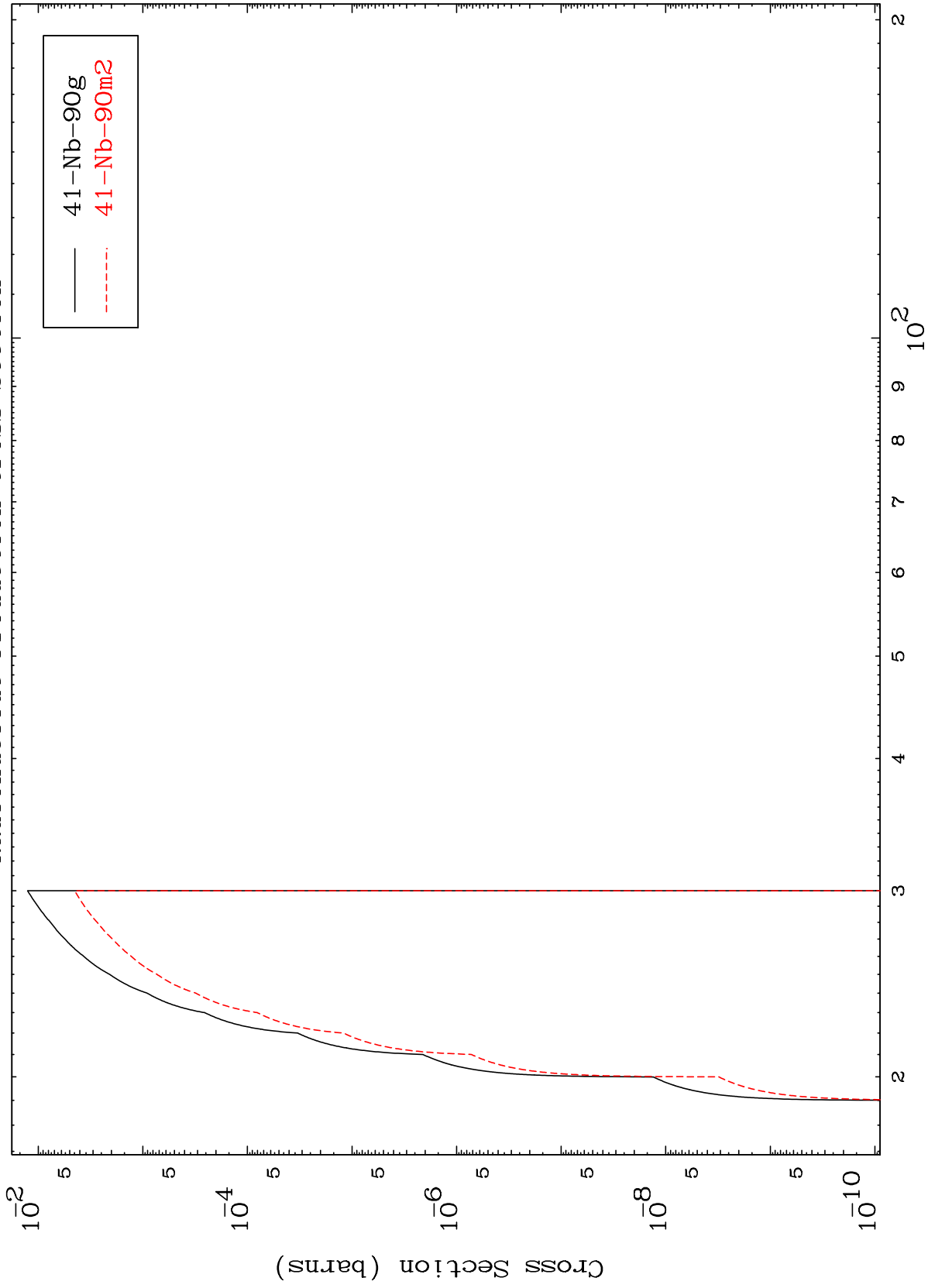
42-Mo-92

MAT 4225

(n,n') d

42-Mo-92

Radionuclide Production Cross Section

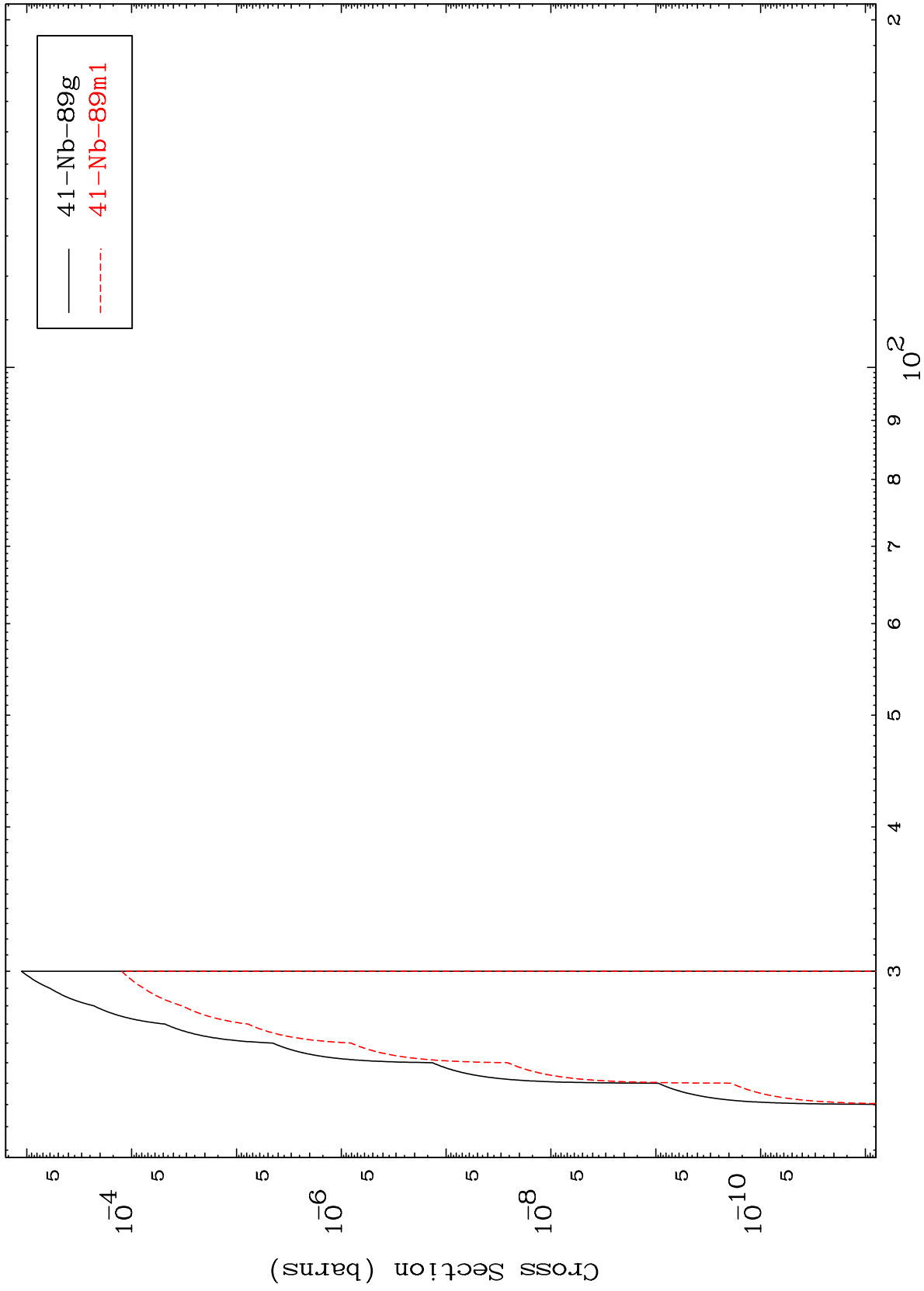


132

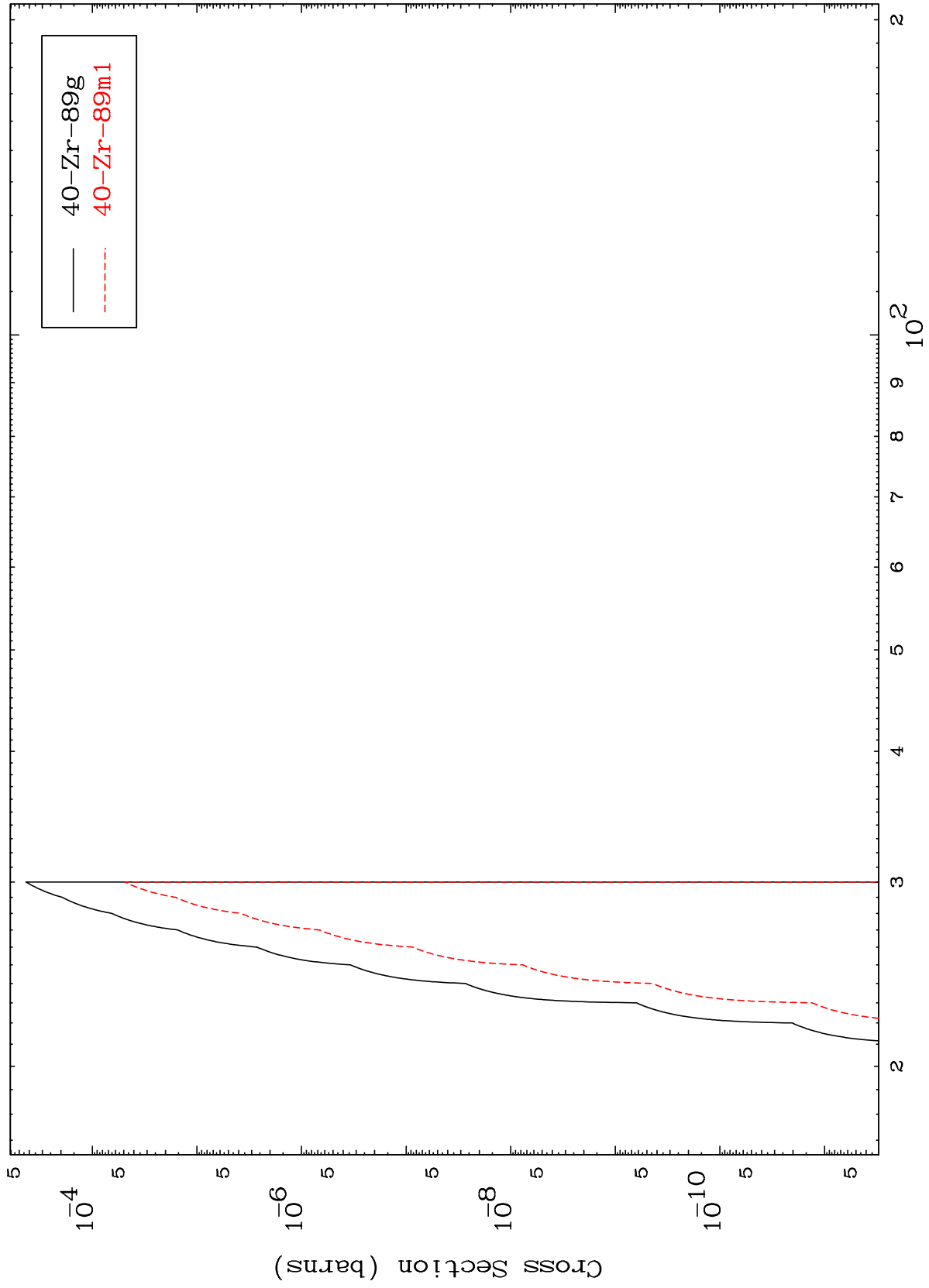
Incident Energy (MeV)

42-Mo-92

Radionuclide Production Cross Section



Radionuclide Production Cross Section

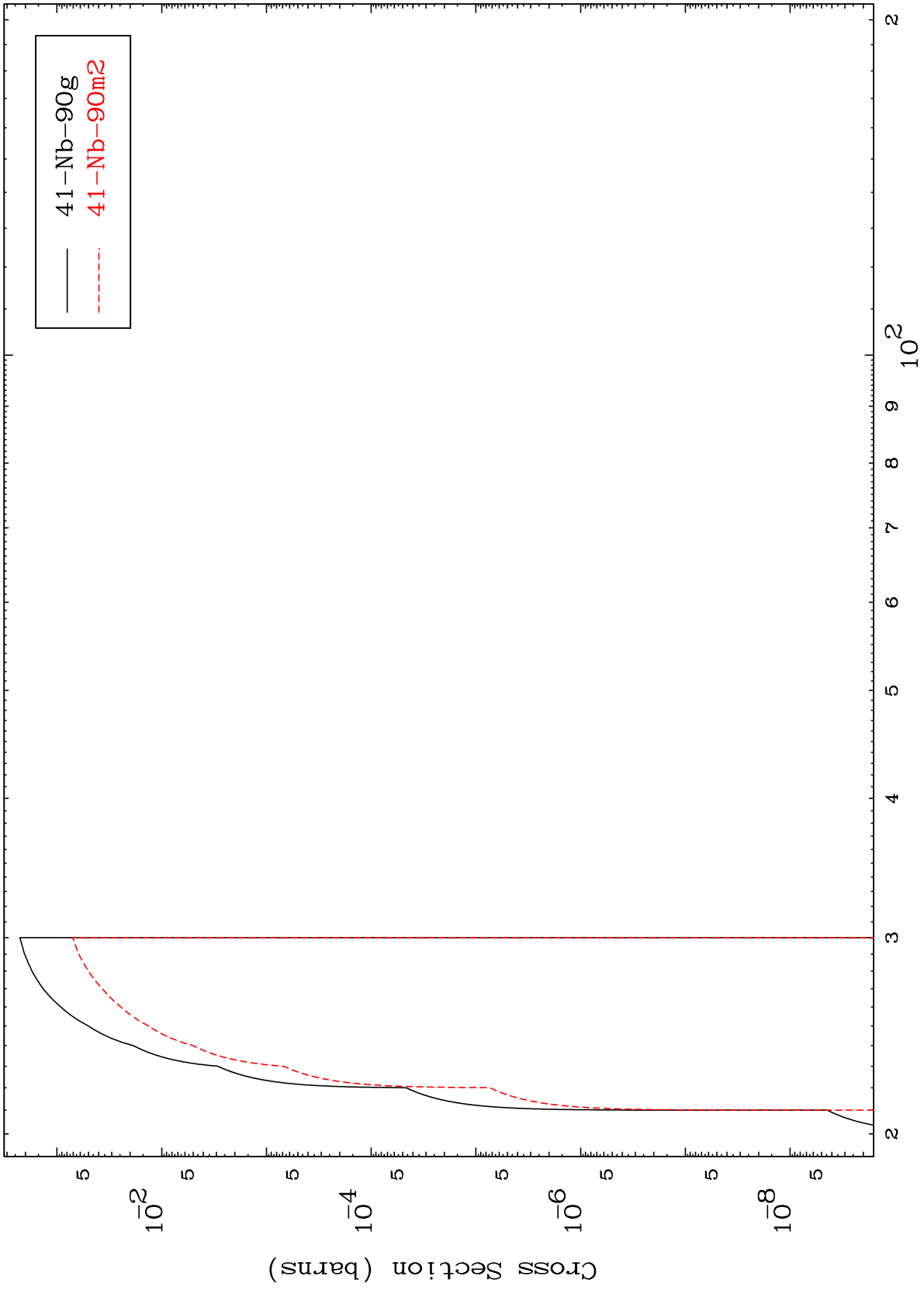


MAT 4225

(n,2n) p

42-Mo-92

Radionuclide Production Cross Section



135

Incident Energy (MeV)

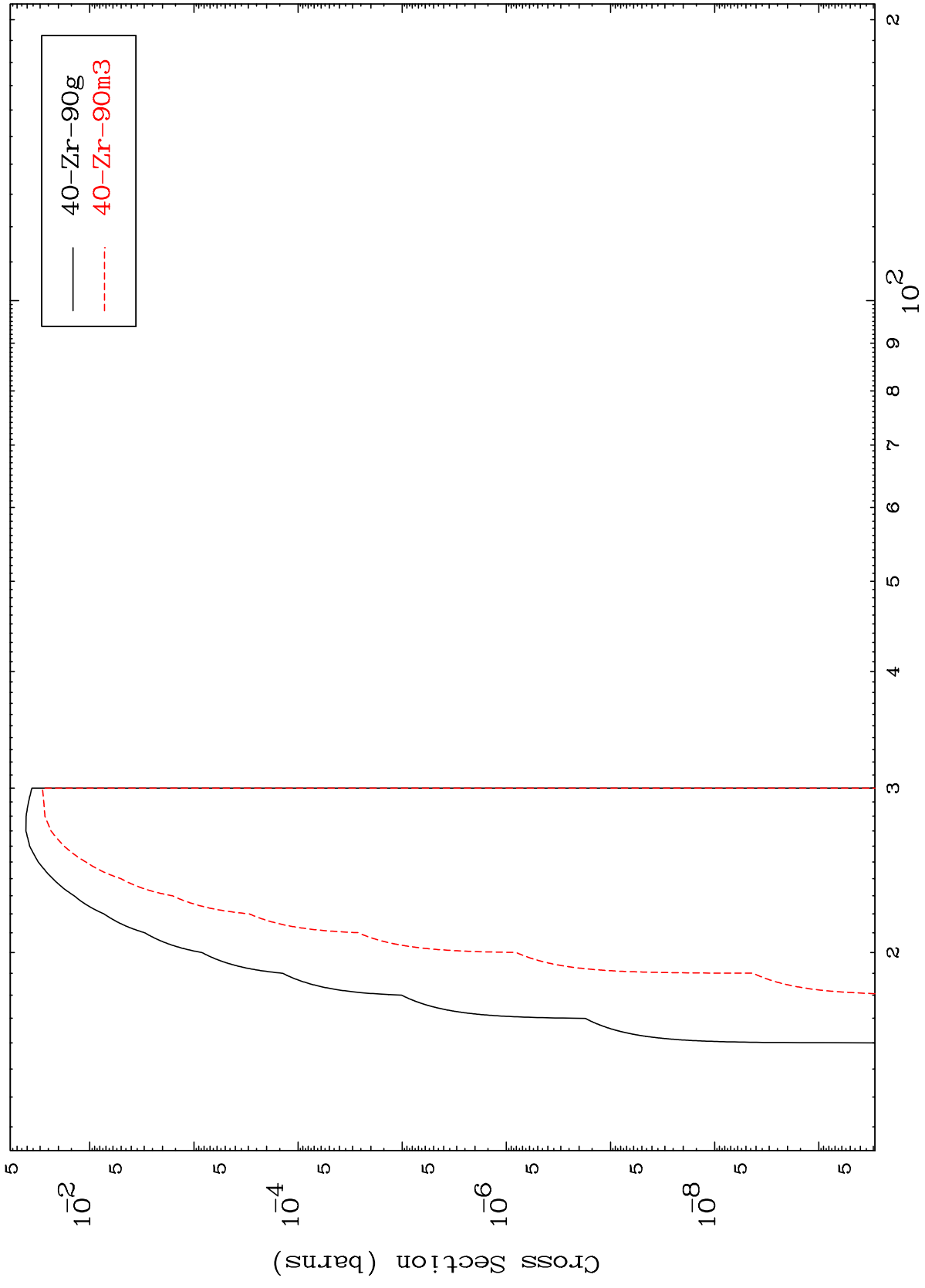
42-Mo-92

MAT 4225

(n,2n) p

42-Mo-92

Radionuclide Production Cross Section



136

Incident Energy (MeV)

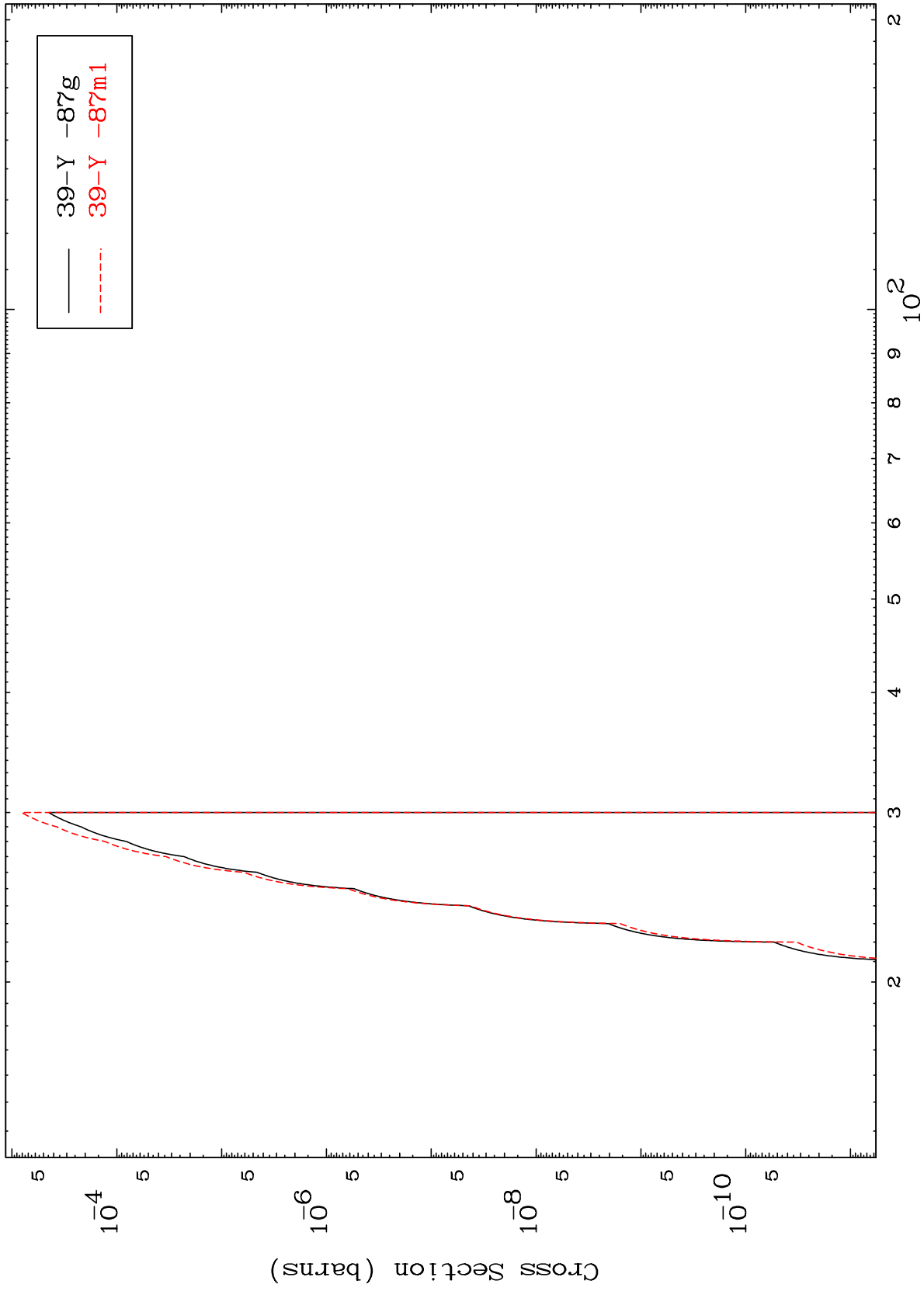
42-Mo-92

MAT 4225

(n,n') p α

42-Mo-92

Radionuclide Production Cross Section



137

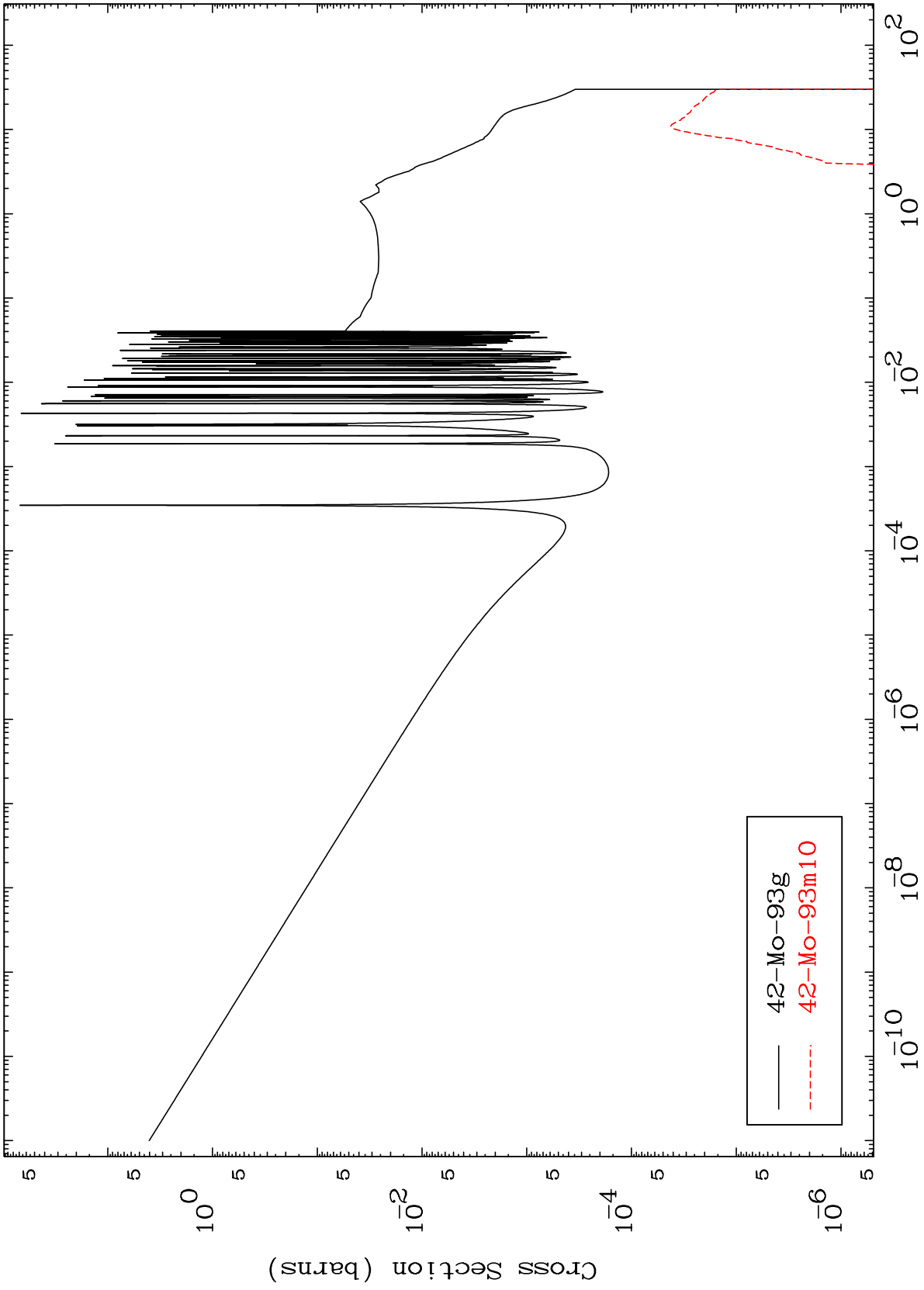
Incident Energy (MeV)

42-Mo-92

MAT 4225

42-Mo-92

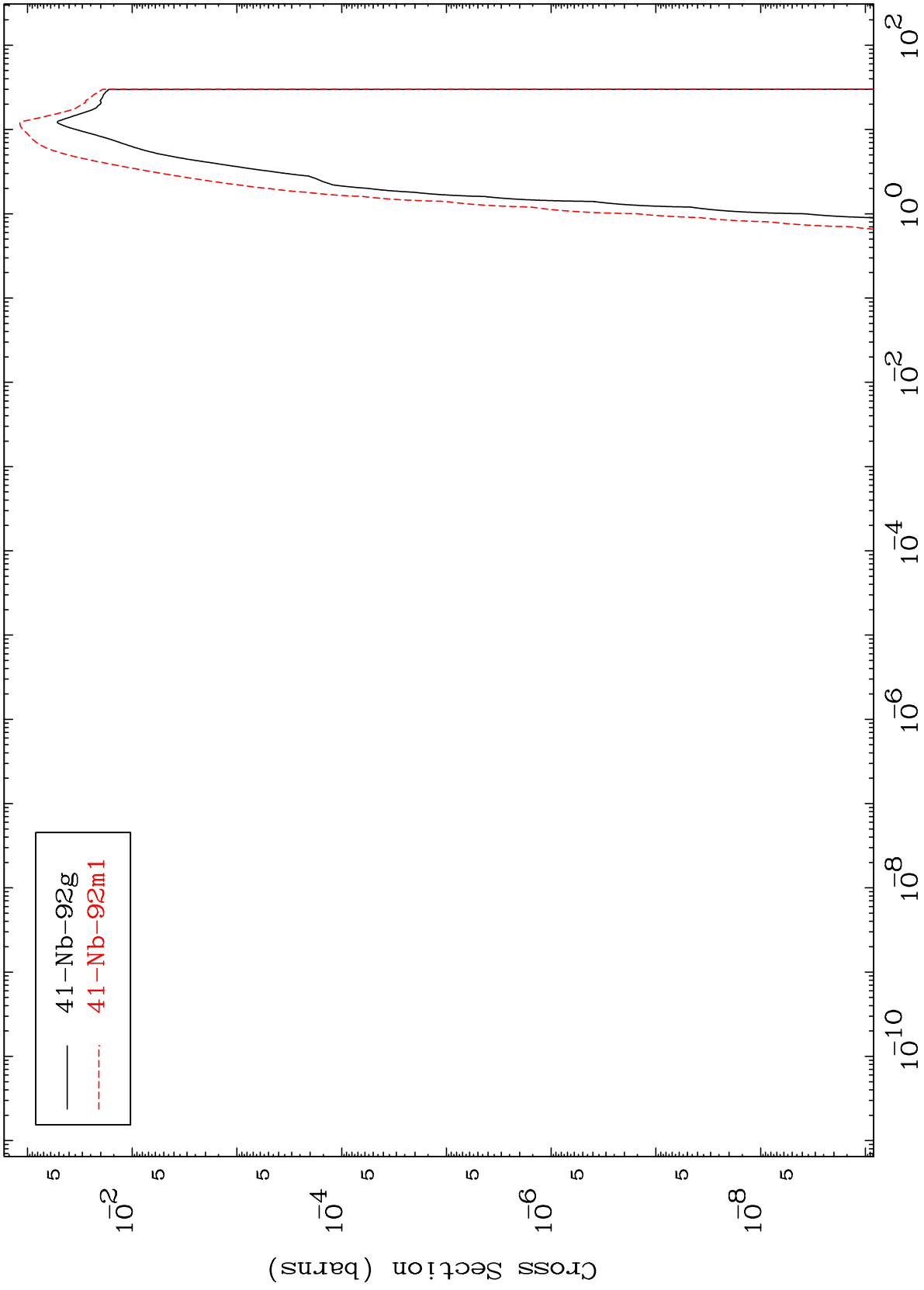
Radionuclide Production Cross Section
(n, γ)



MAT 4225

(n,p)
Radionuclide Production Cross Section

42-Mo-92



139

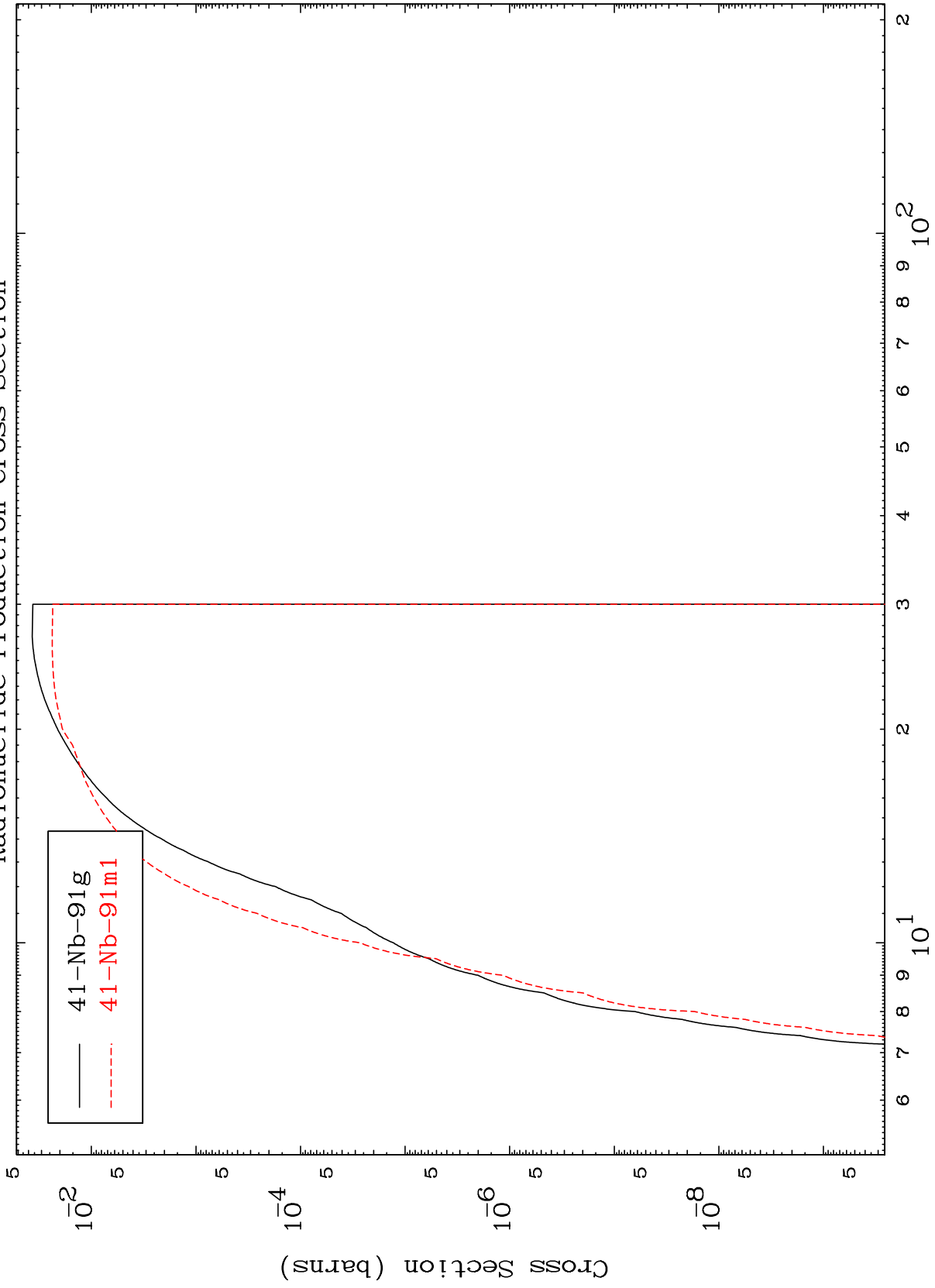
Incident Energy (MeV)

42-Mo-92

MAT 4225

42-Mo-92

Radionuclide Production Cross Section (n,d)



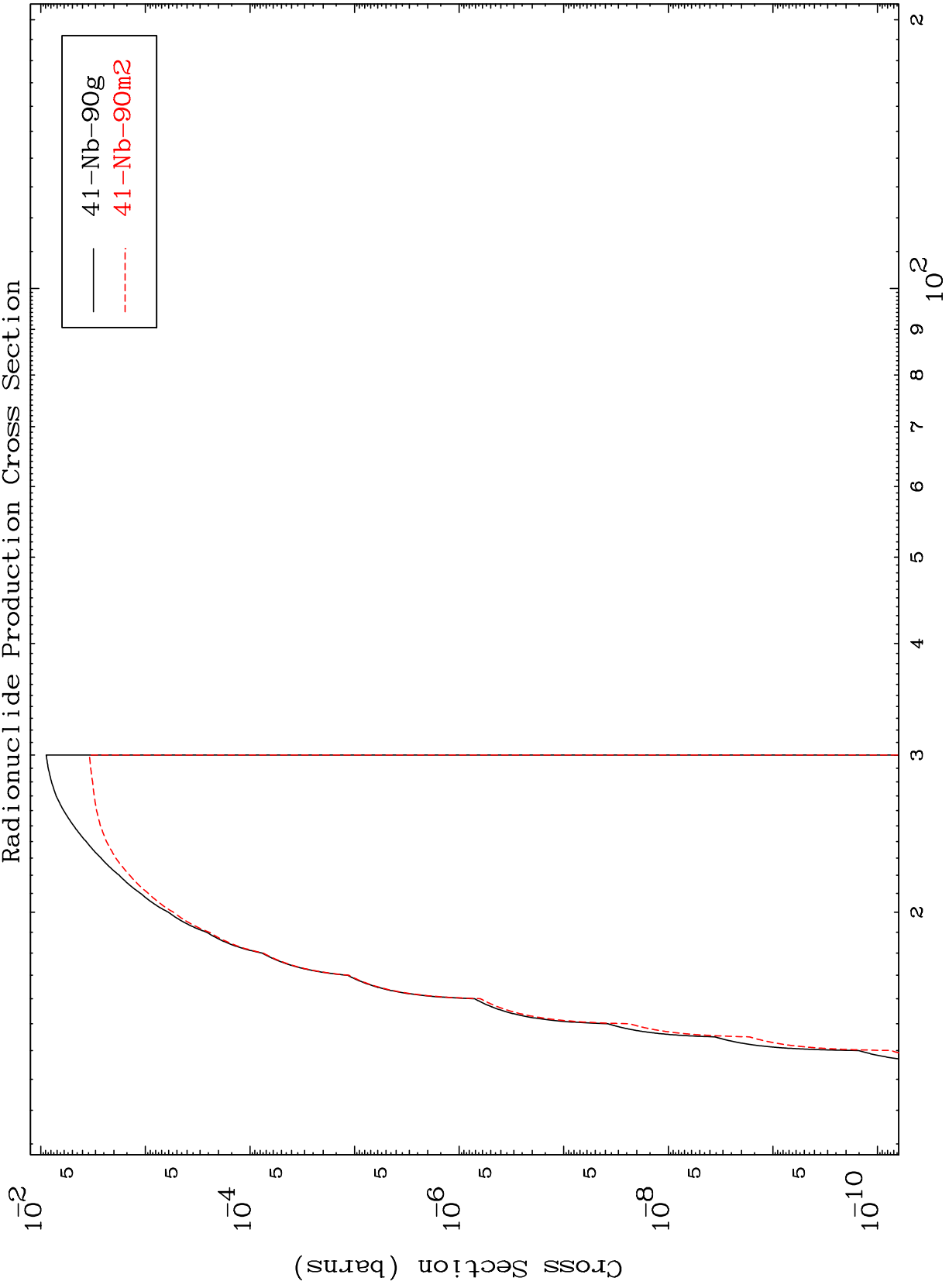
140

42-Mo-92

MAT 4225

42-Mo-92

(n, t)
Radionuclide Production Cross Section



141

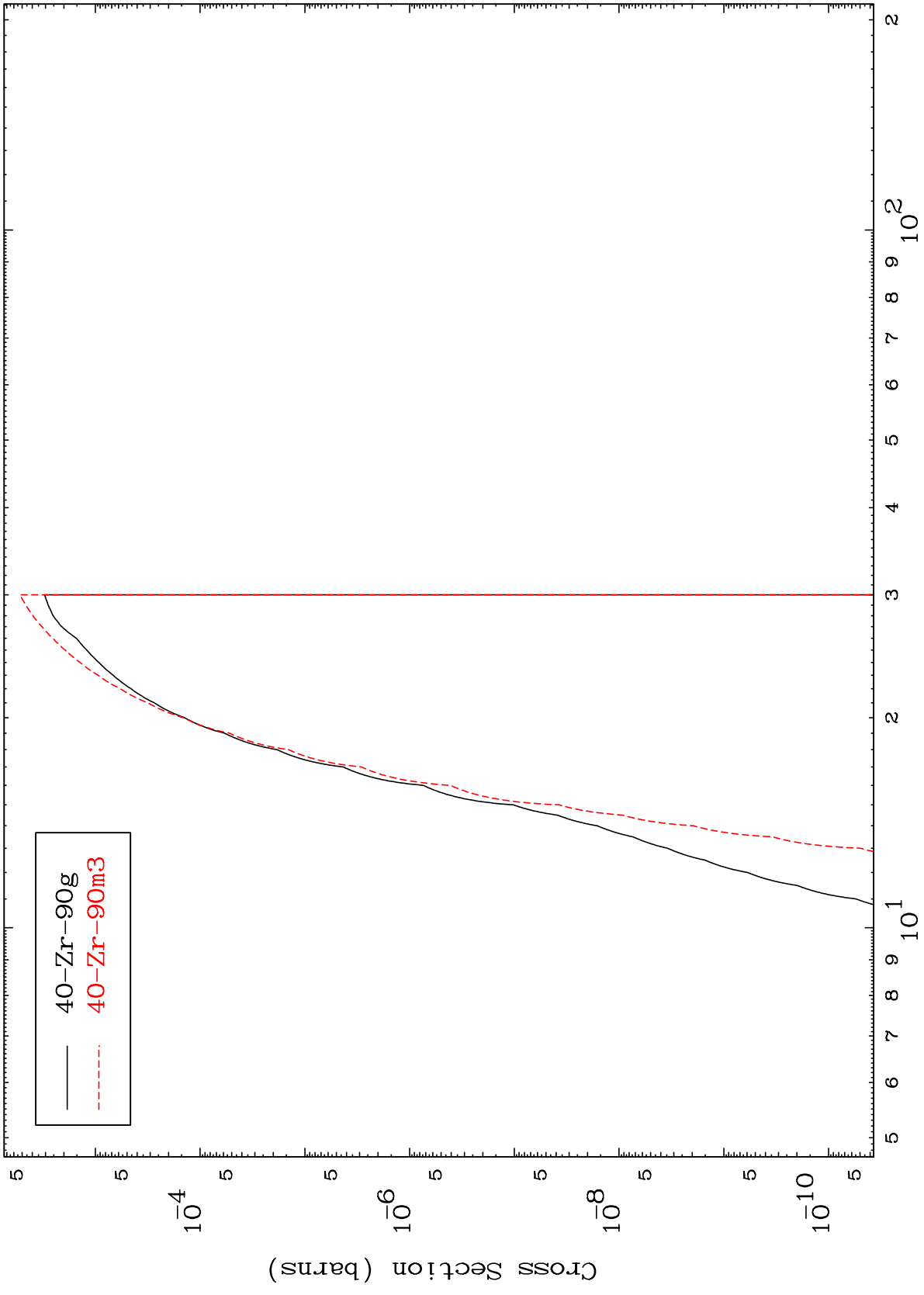
42-Mo-92

MAT 4225

(n, He-3)

42-Mo-92

Radionuclide Production Cross Section



142

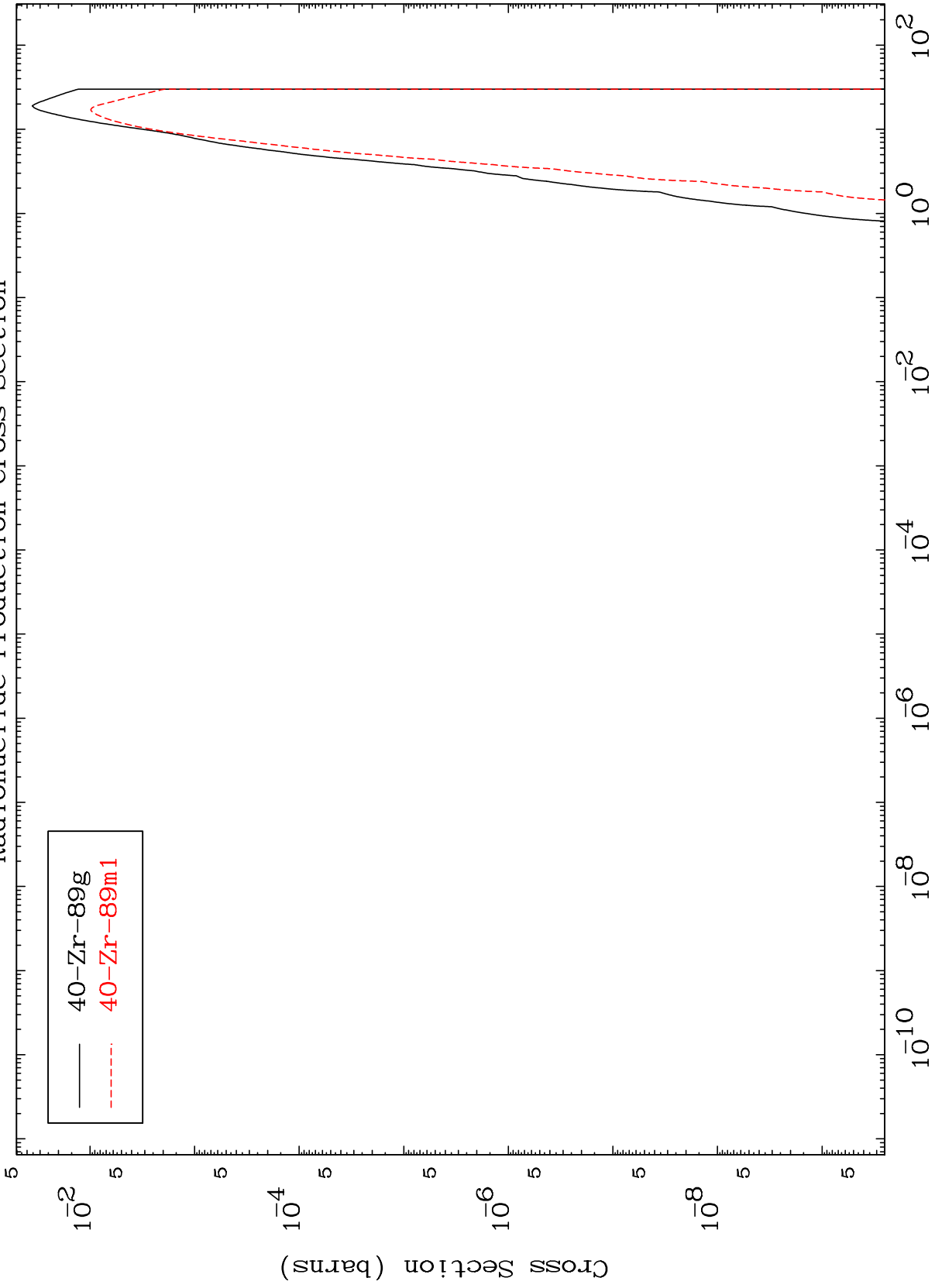
Incident Energy (MeV)

42-Mo-92

MAT 4225

Radionuclide Production Cross Section
(n, α)

42-Mo-92



143

Incident Energy (MeV)

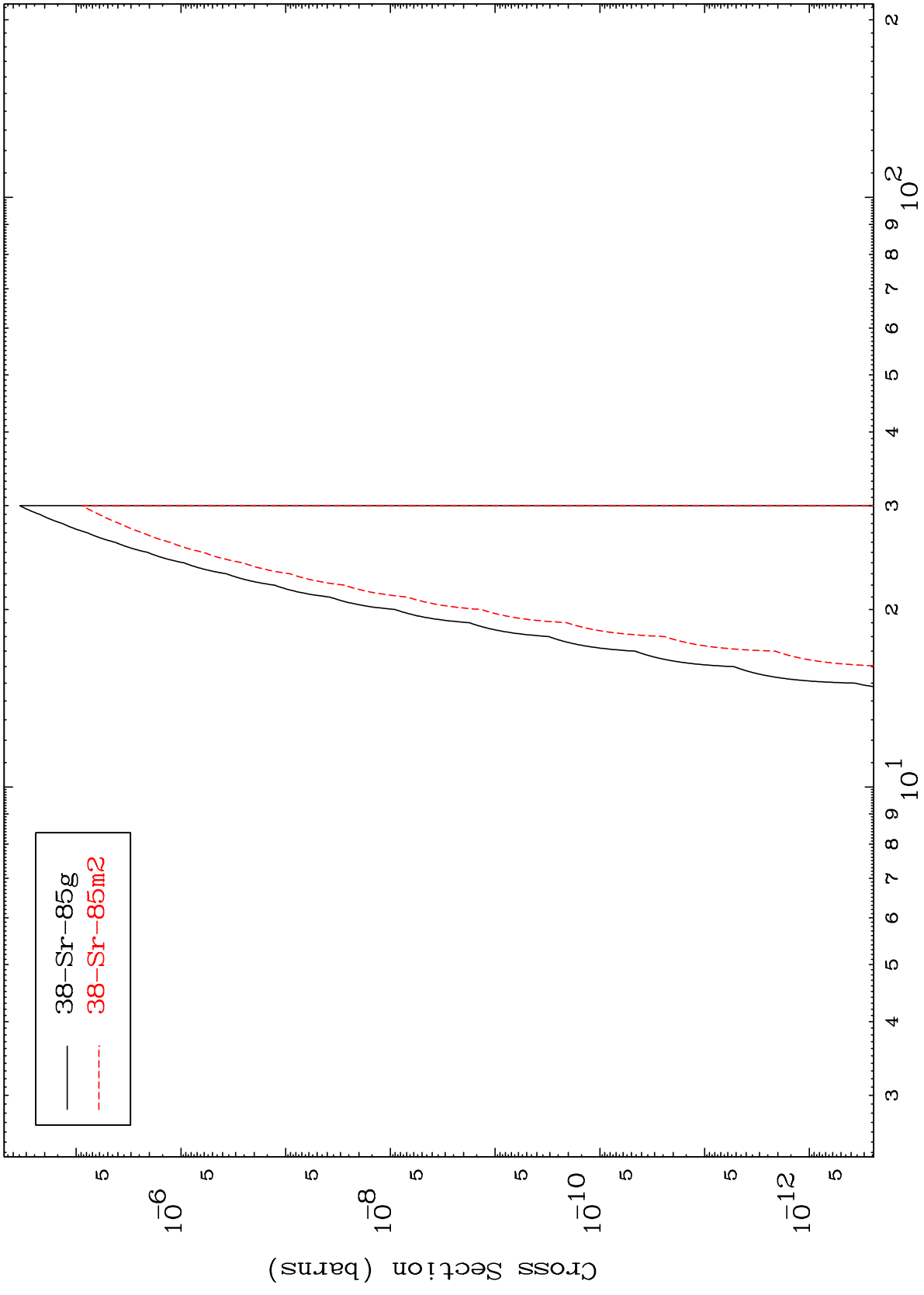
42-Mo-92

MAT 4225

(n,2α)

42-Mo-92

Radionuclide Production Cross Section



144

Incident Energy (MeV)

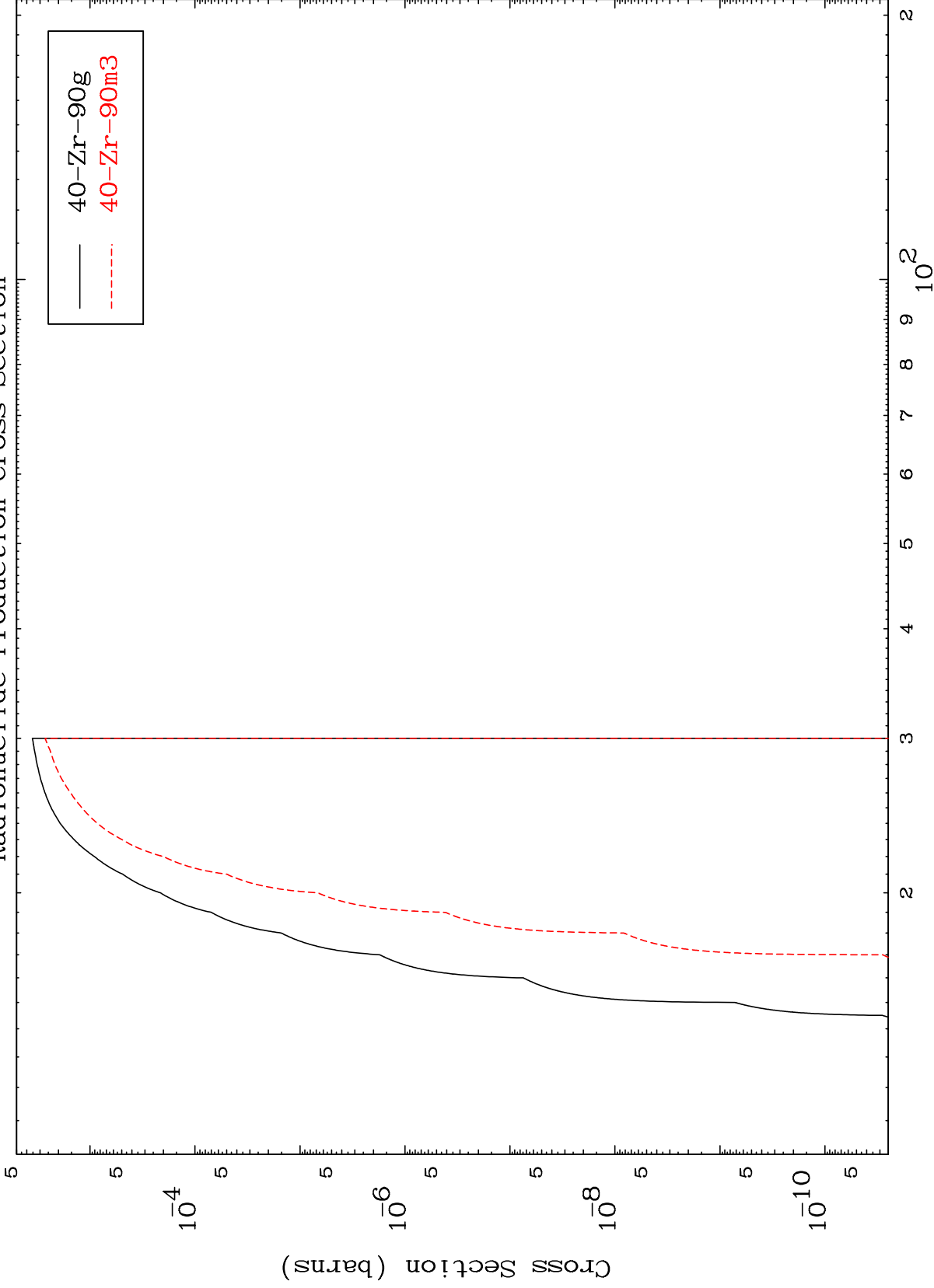
42-Mo-92

MAT 4225

(n,p) d

42-Mo-92

Radionuclide Production Cross Section



145

Incident Energy (MeV)

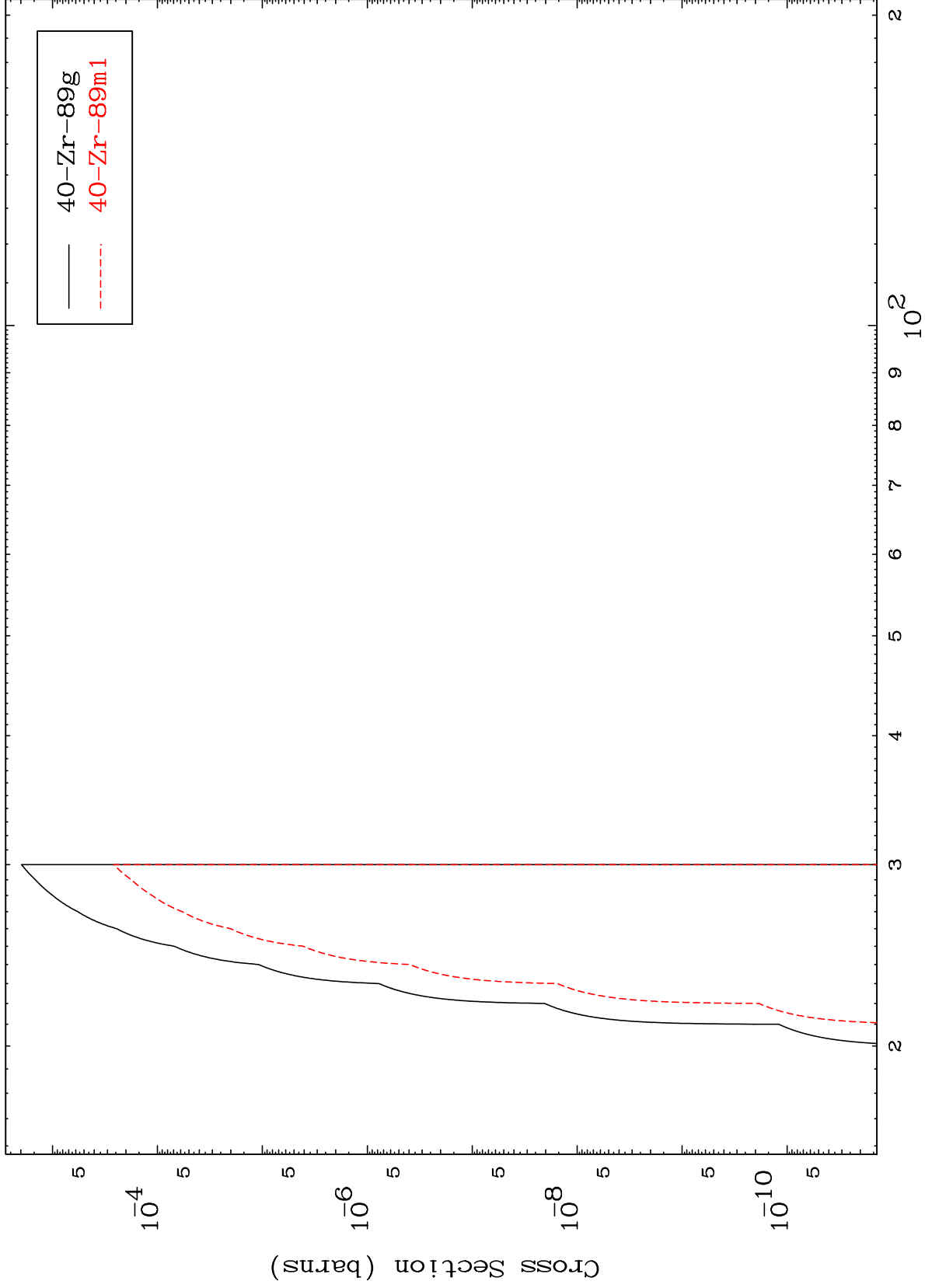
42-Mo-92

MAT 4225

(n,p) t

42-Mo-92

Radionuclide Production Cross Section



146

Incident Energy (MeV)

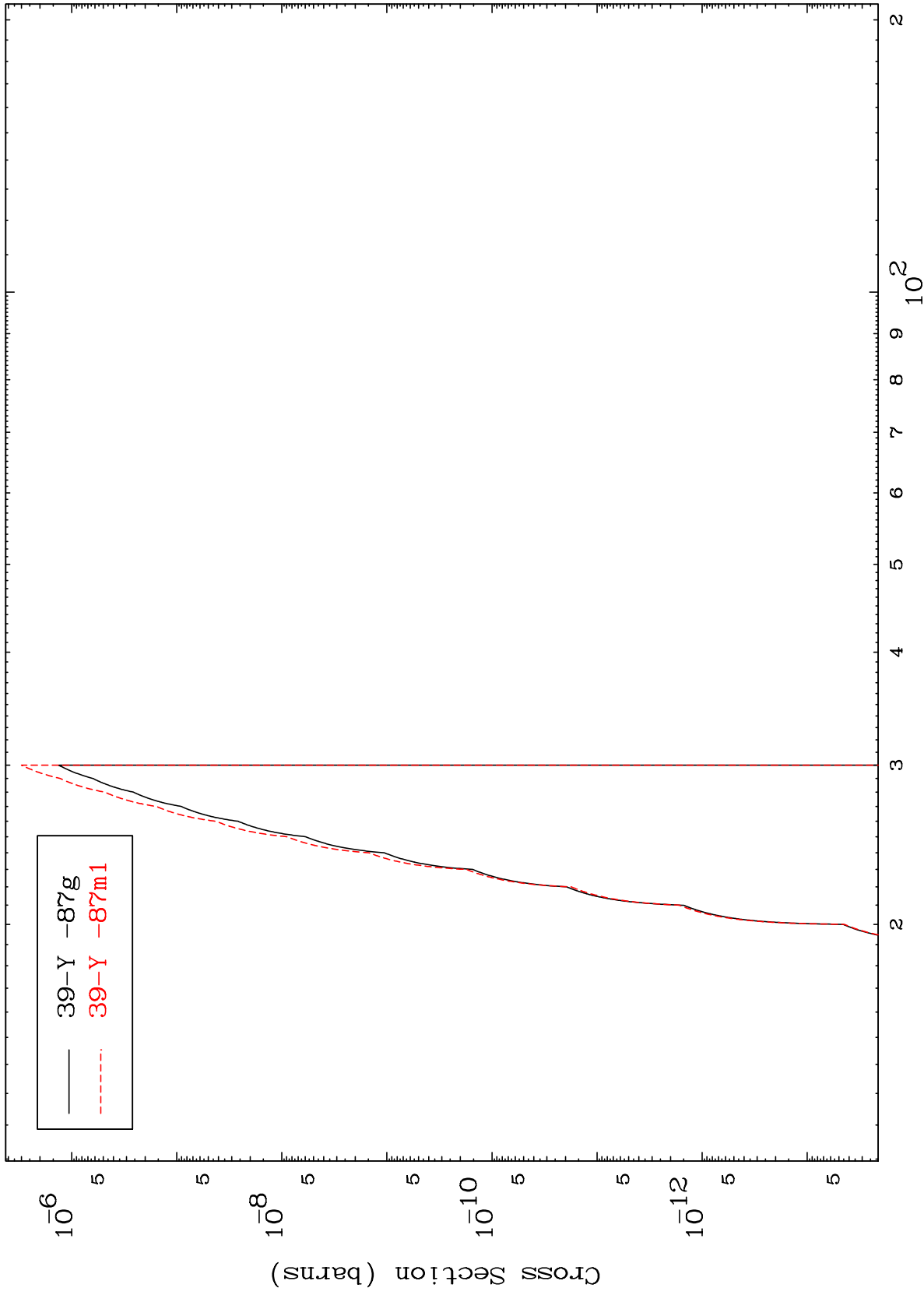
42-Mo-92

MAT 4225

(n,d) α

42-Mo-92

Radionuclide Production Cross Section



147

Incident Energy (MeV)

42-Mo-92