

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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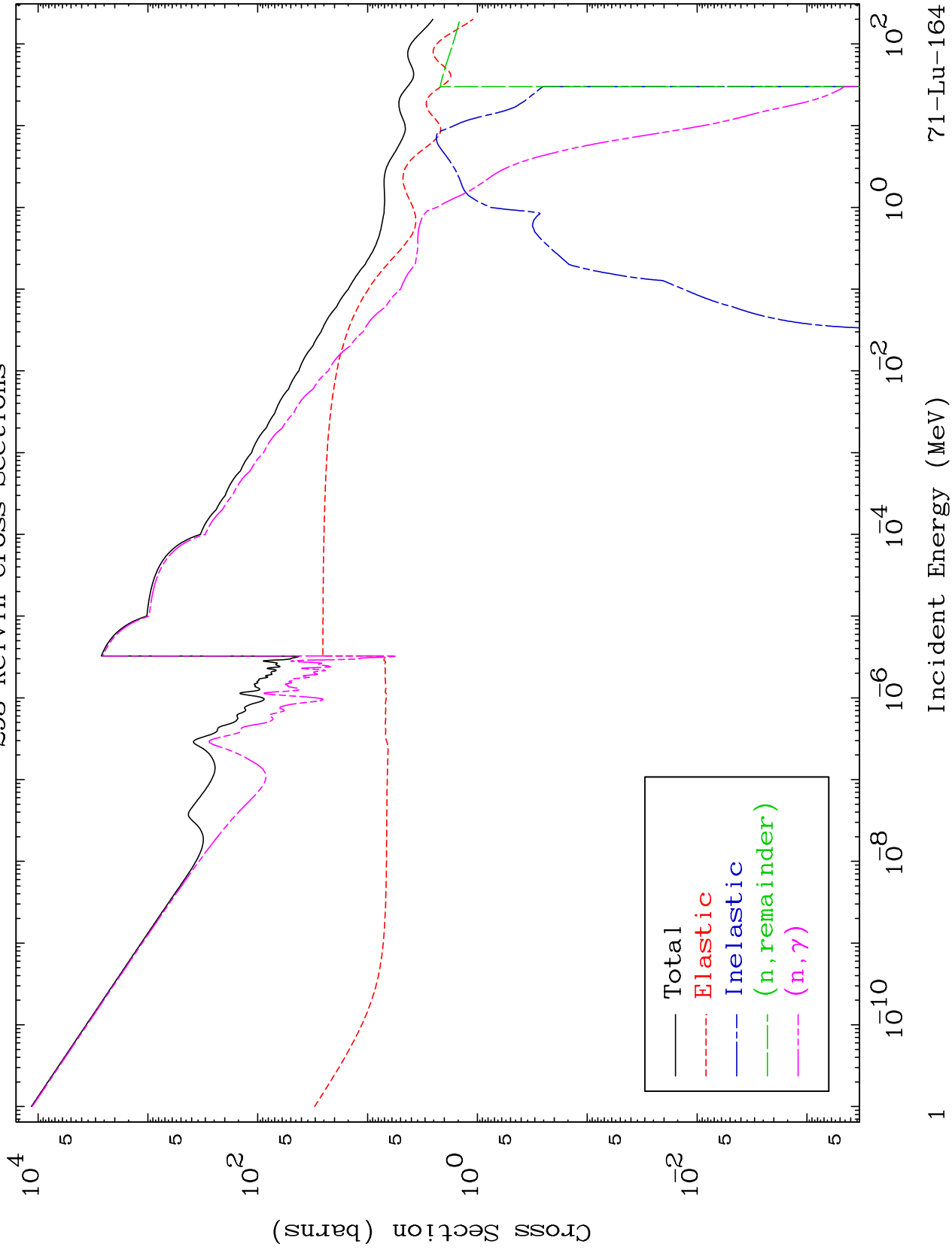
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7092

Major
293 Kelvin Cross Sections

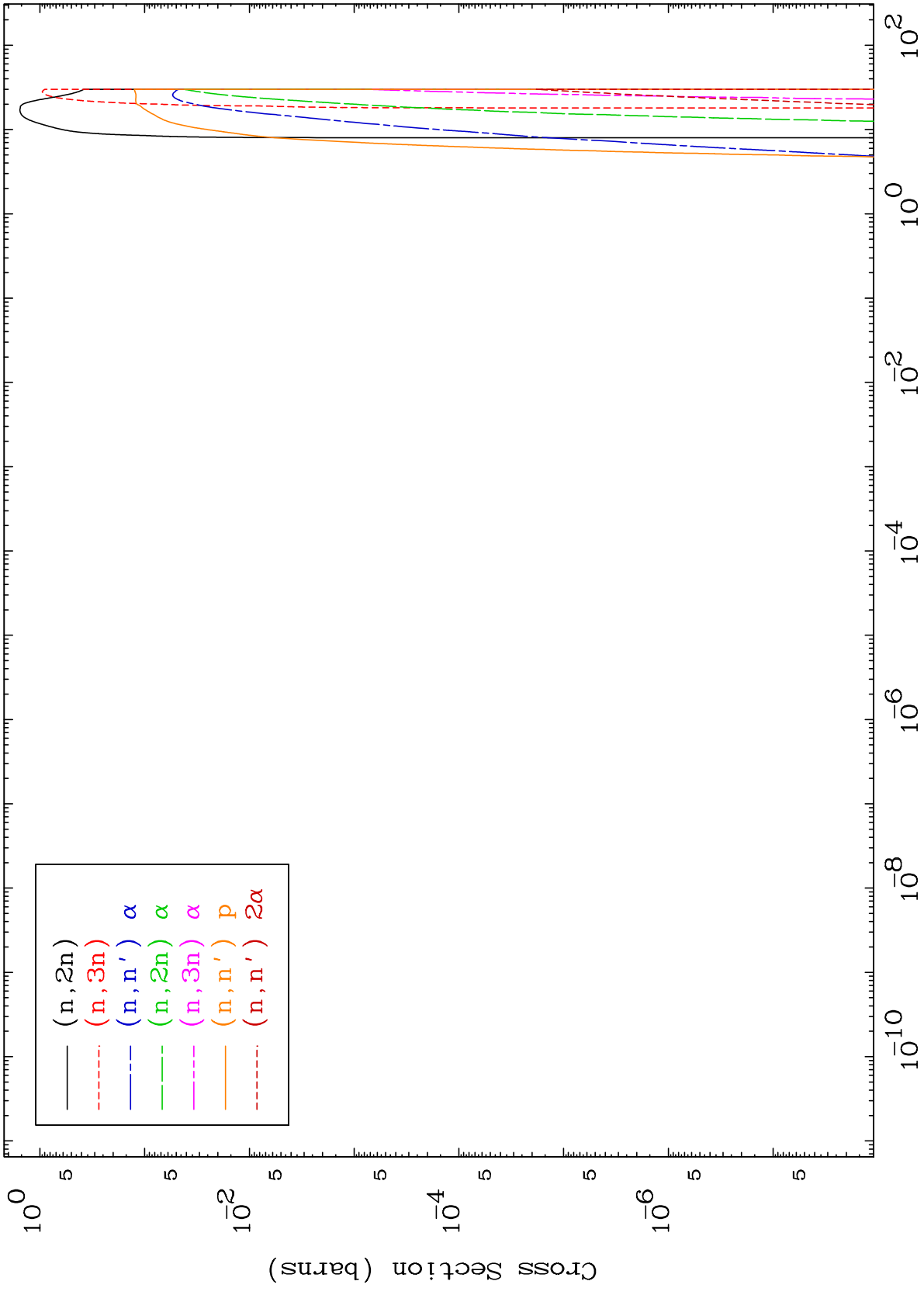
71-Lu-164



MAT 7092

Neutron Production
293 Kelvin Cross Sections

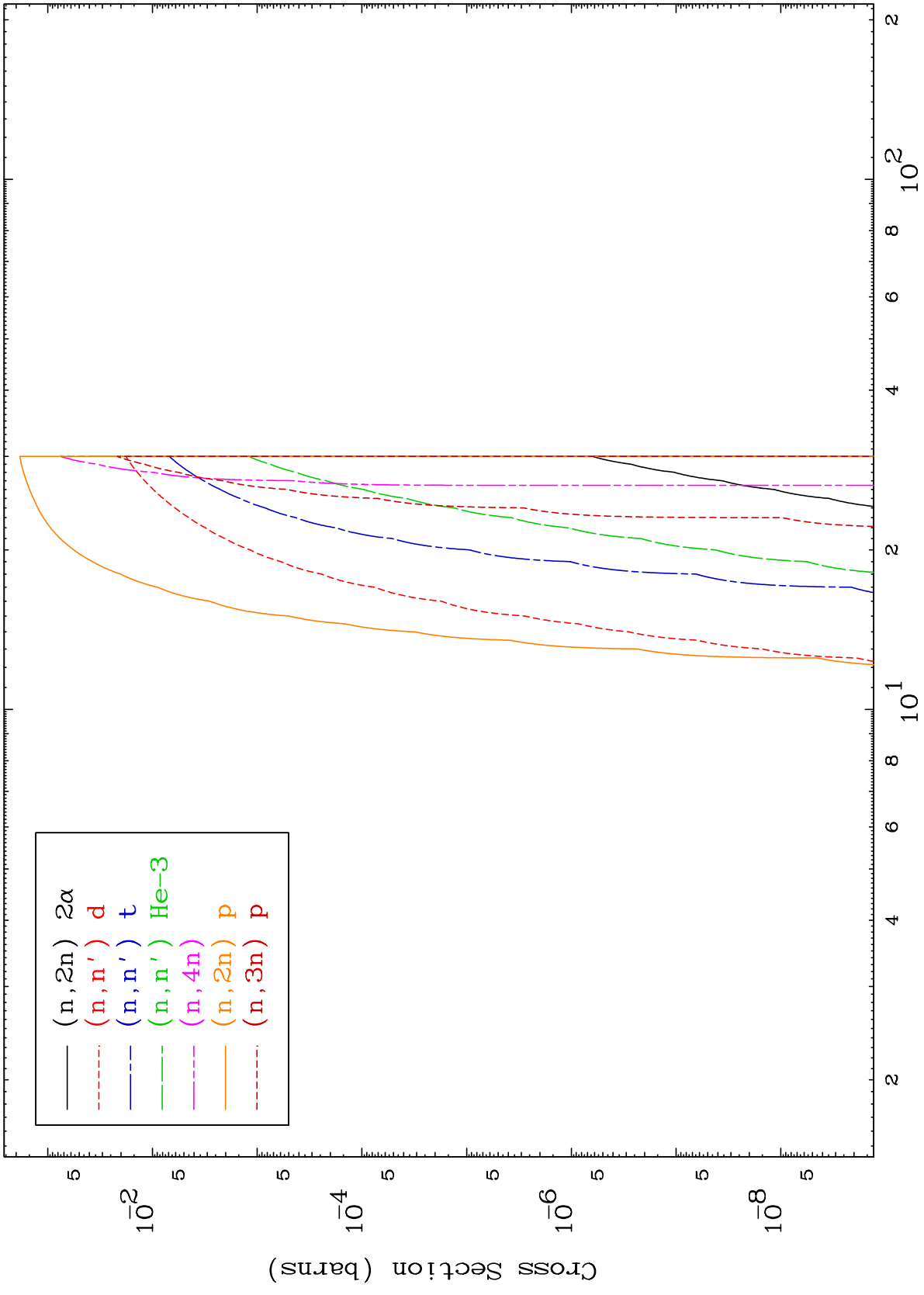
71-Lu-164



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Incident Energy (MeV)

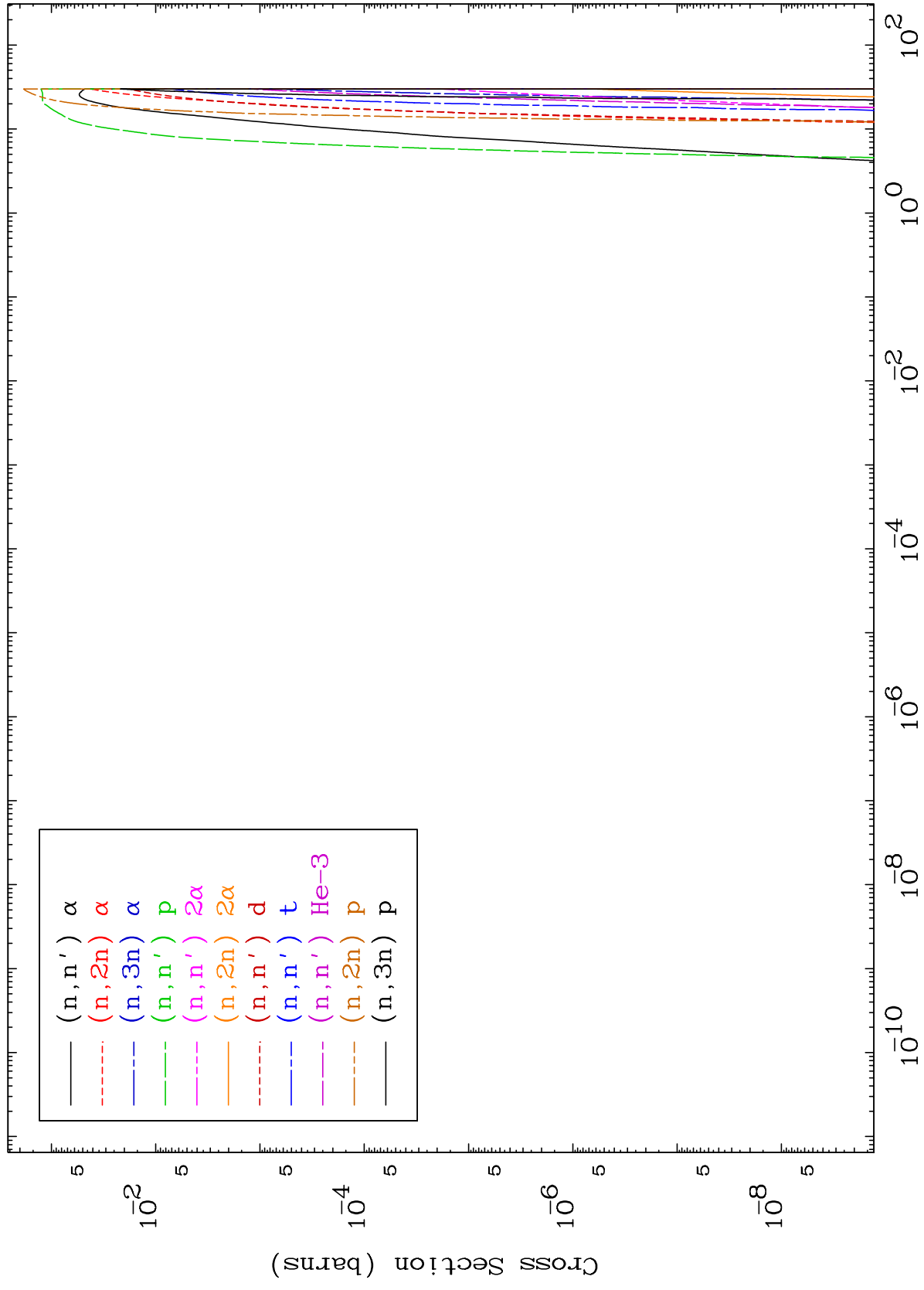
71-Lu-164



MAT 7092

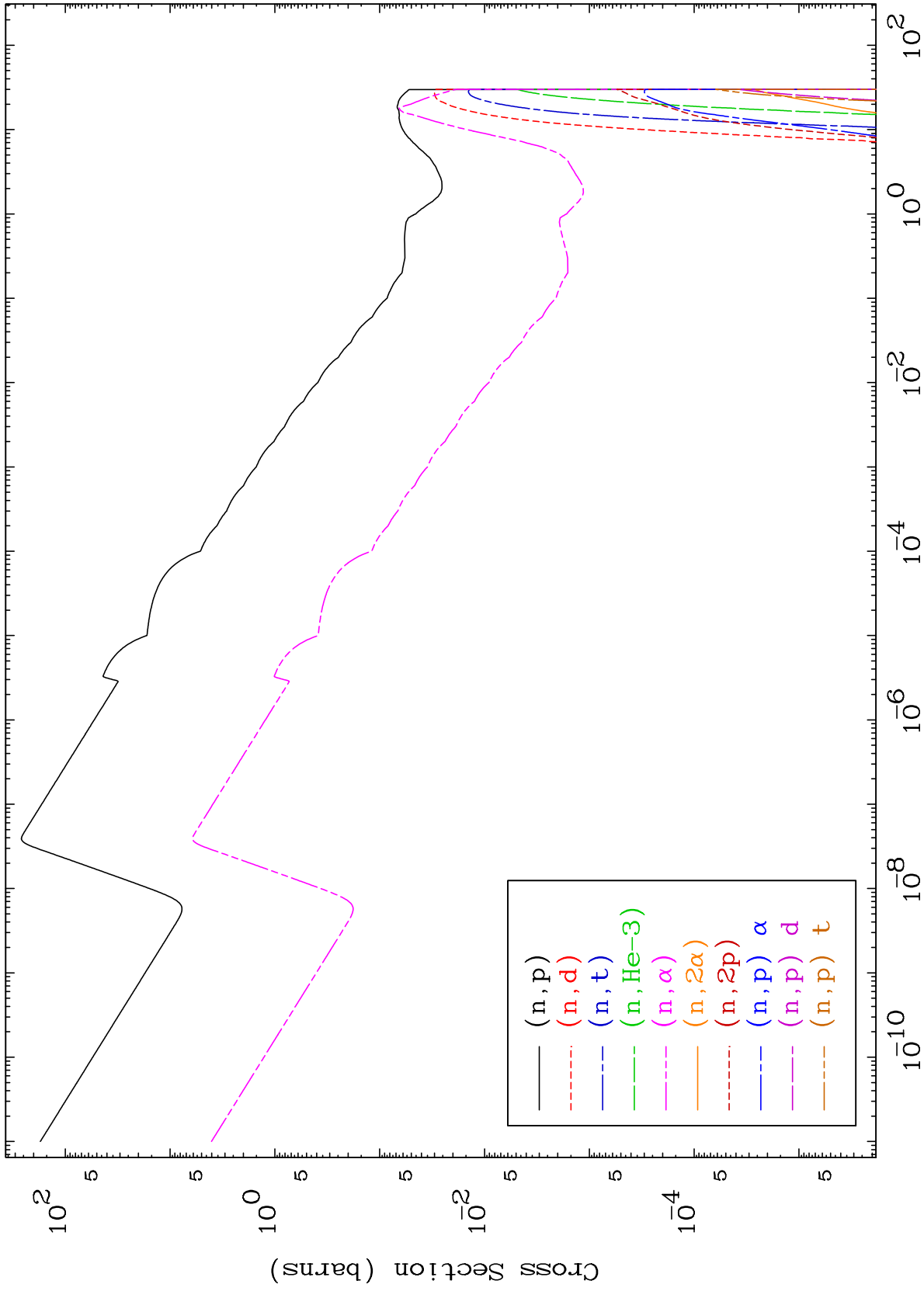
Charged Particle
293 Kelvin Cross Sections

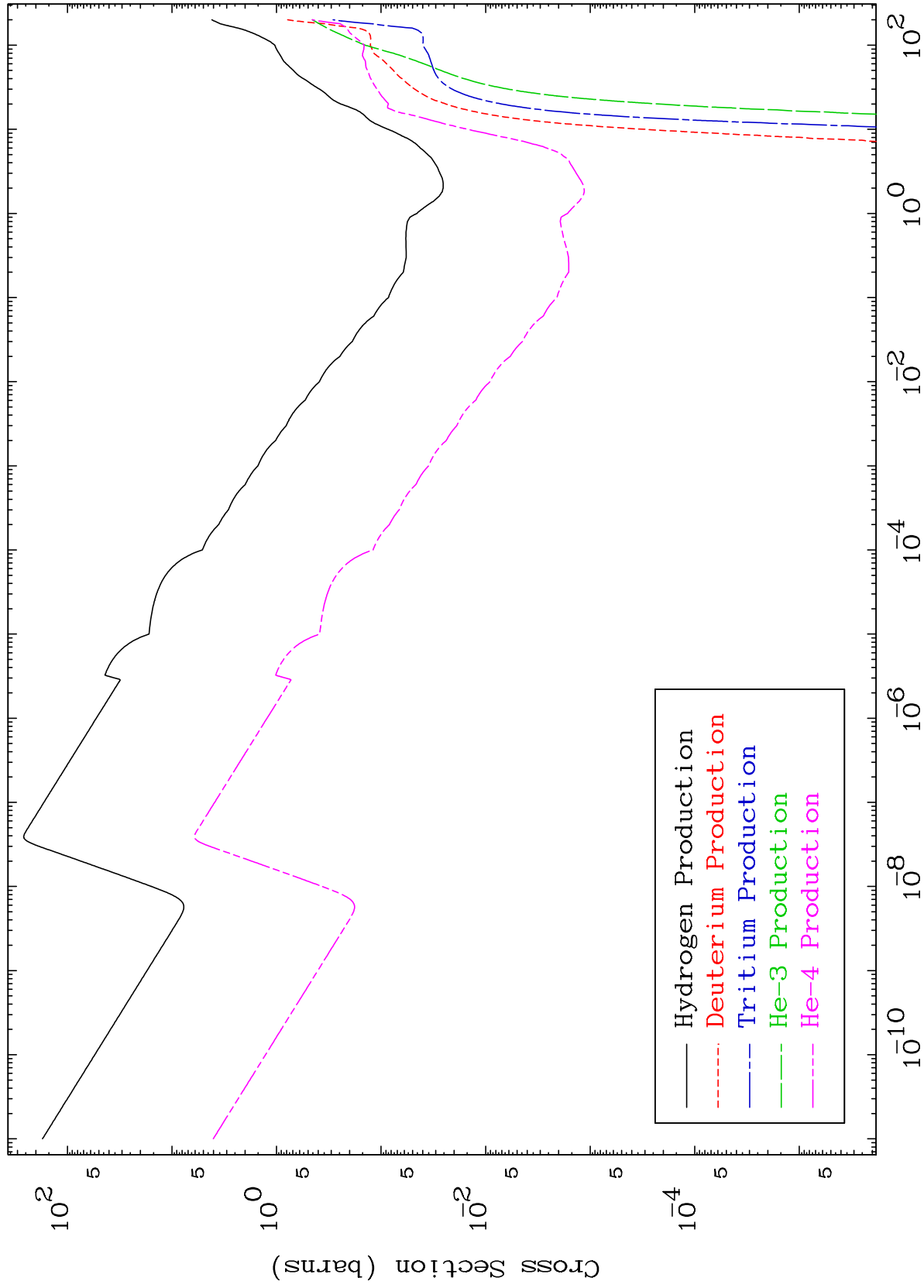
71-Lu-164

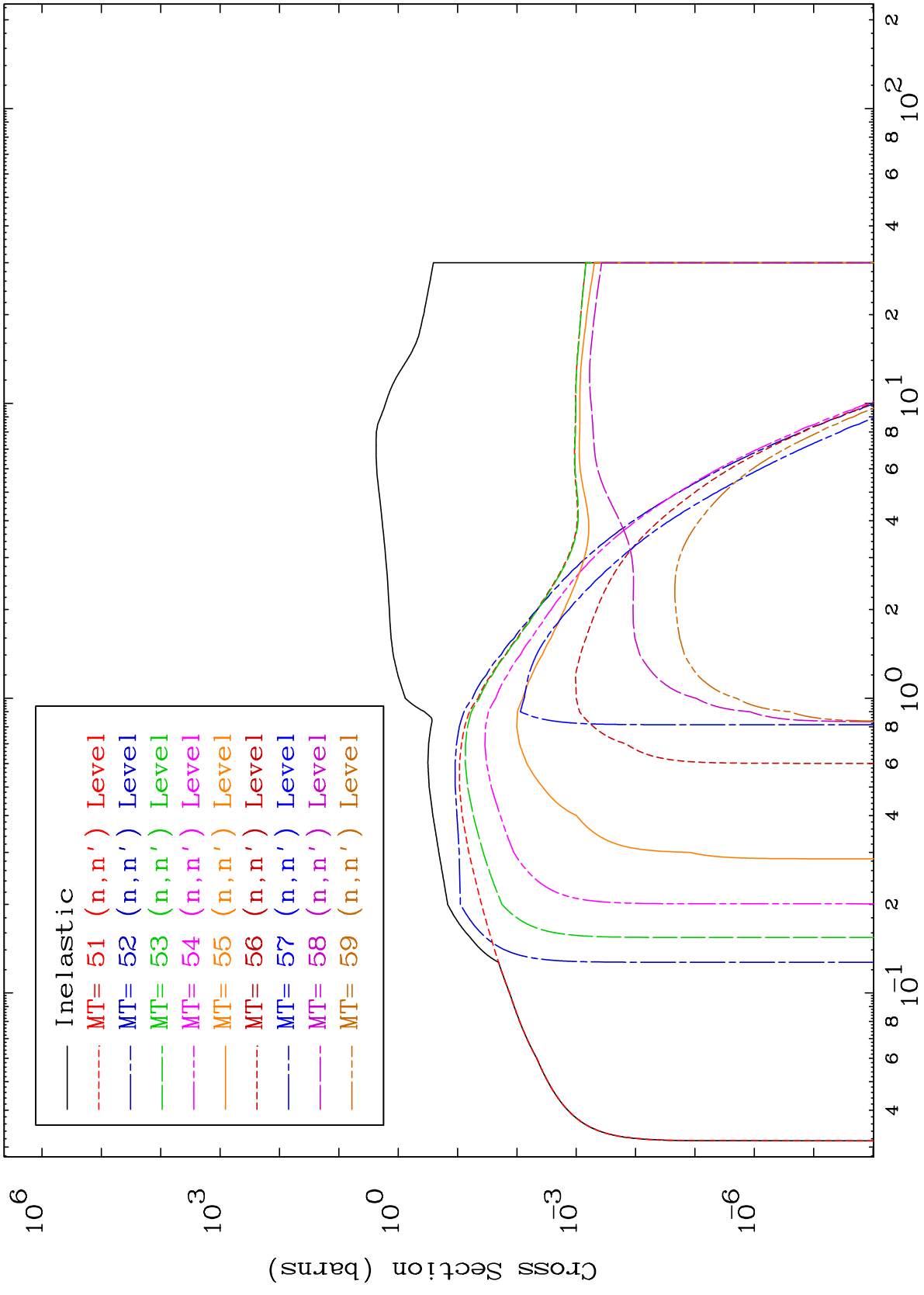


71-Lu-164

Incident Energy (MeV)



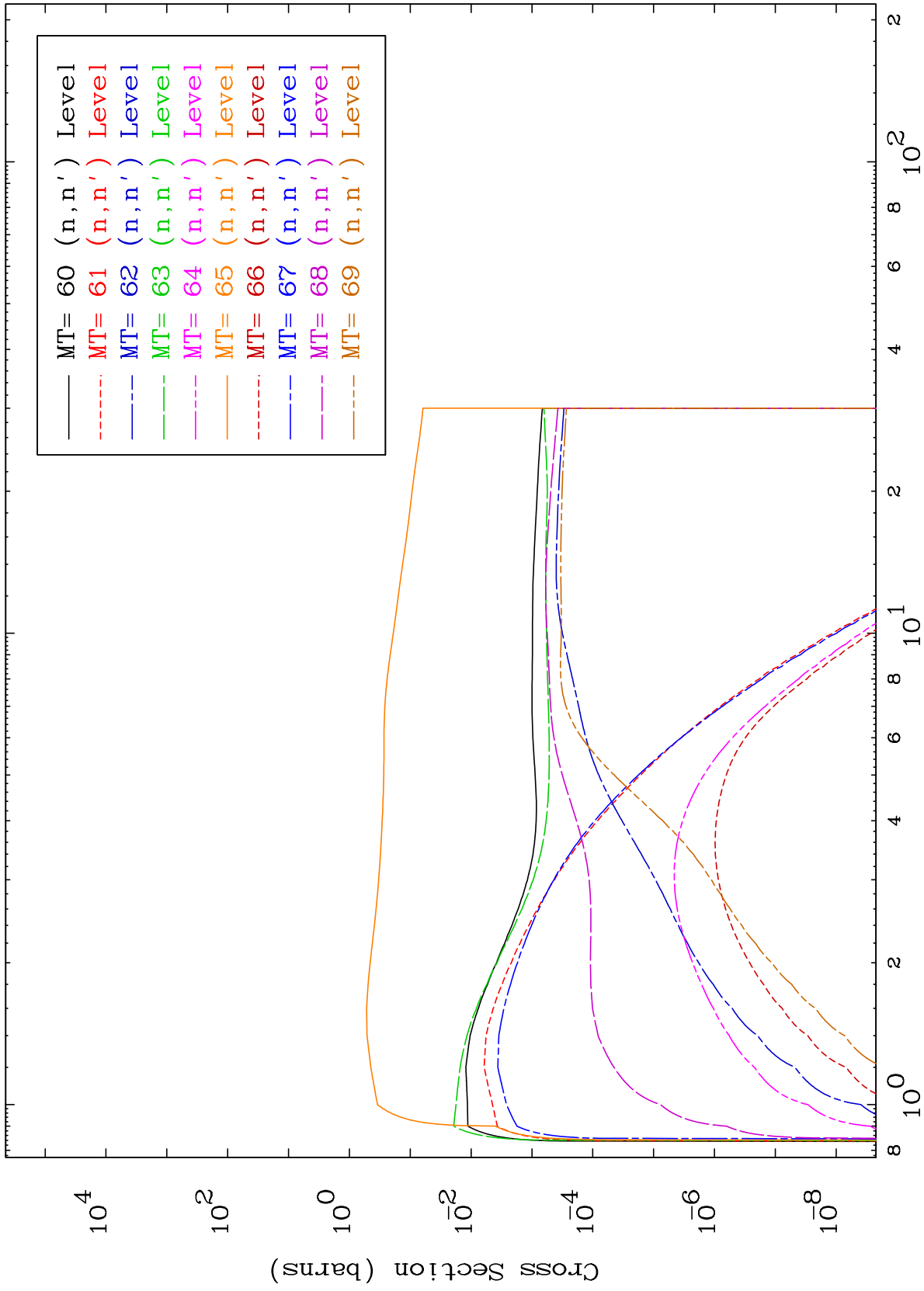




MAT 7092

(n,n') Level
293 Kelvin Cross Sections

71-Lu-164



8

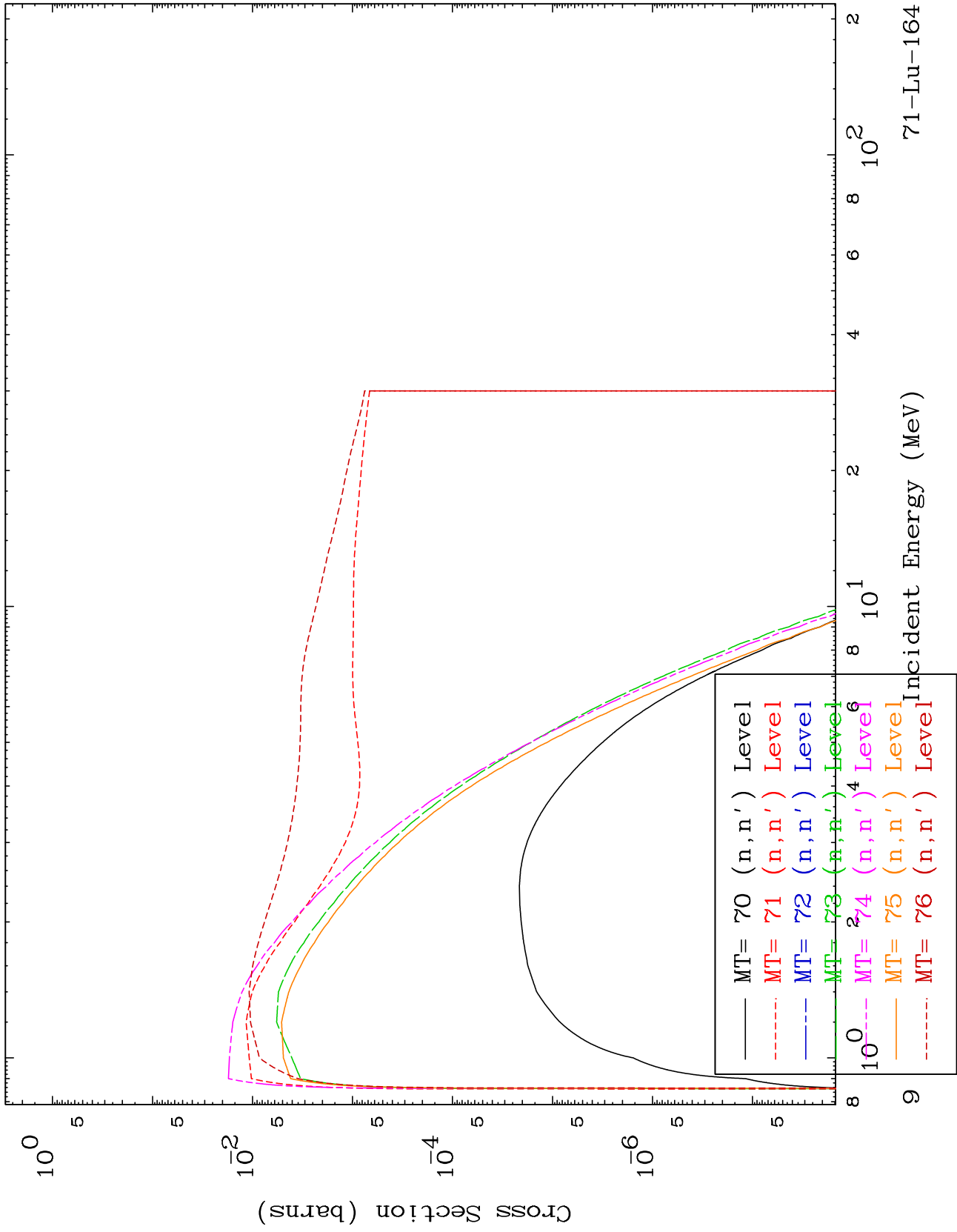
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,n') Level
293 Kelvin Cross Sections

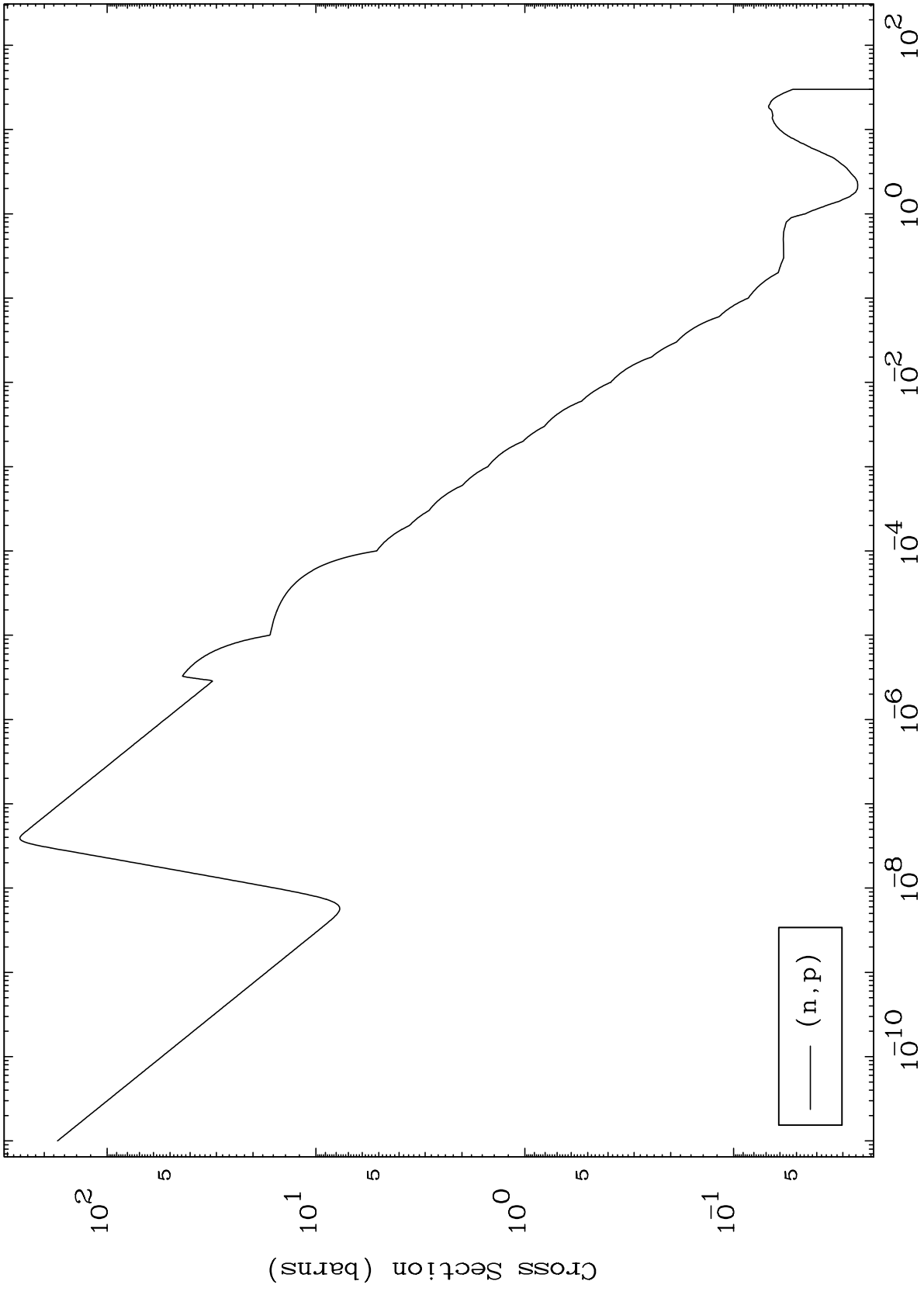
71-Lu-164



MAT 7092

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-164



10

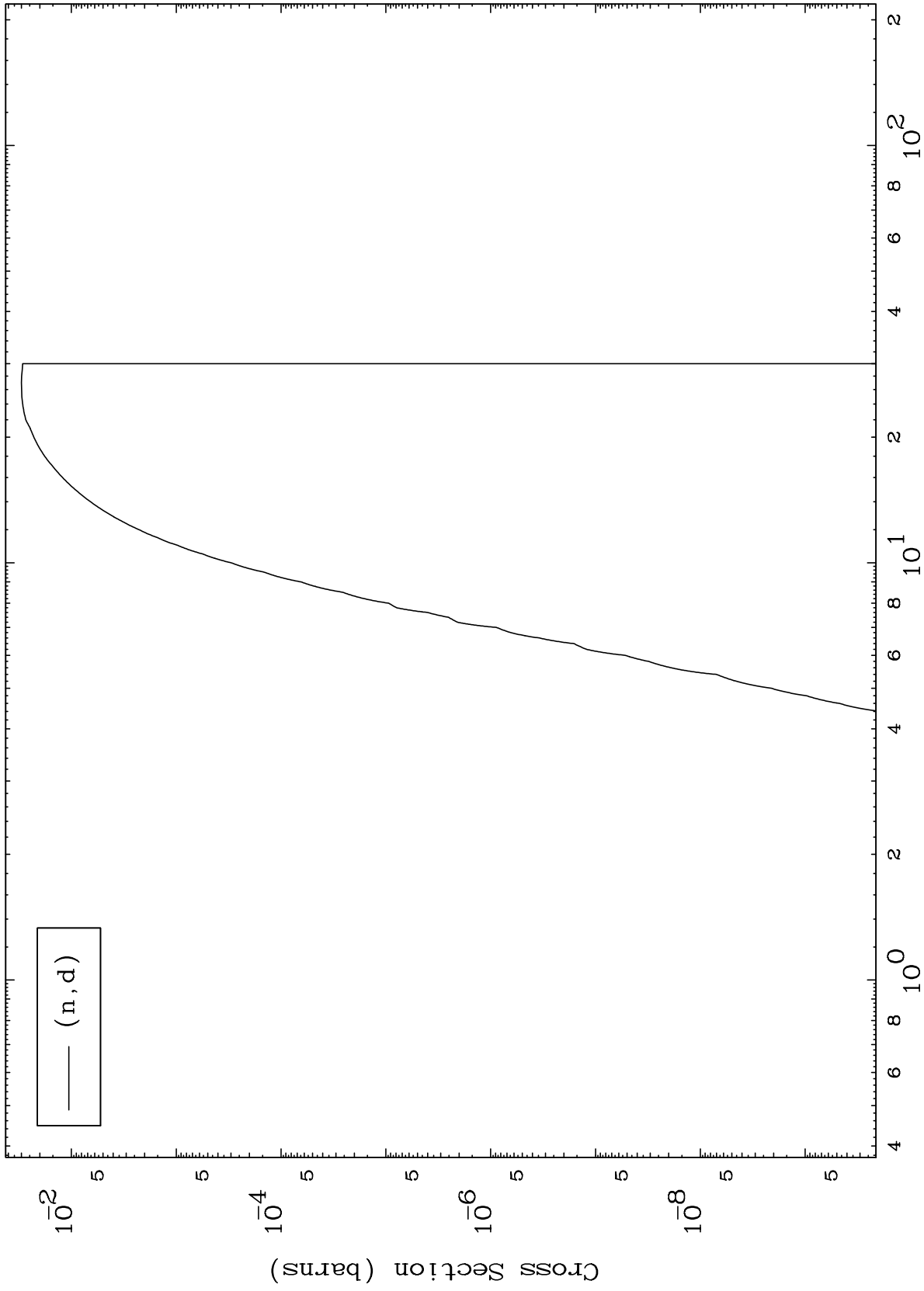
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-164



11

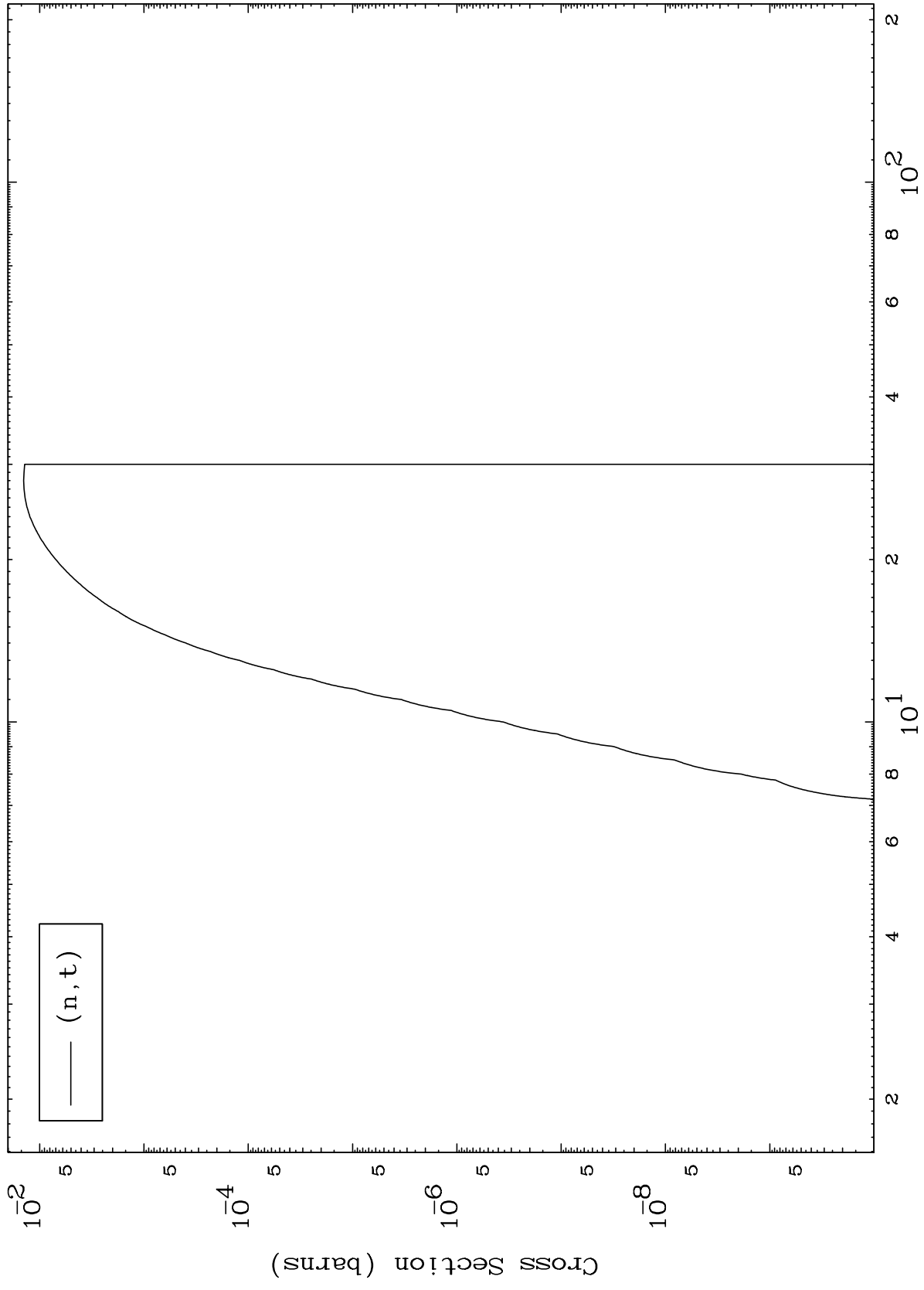
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-164



12

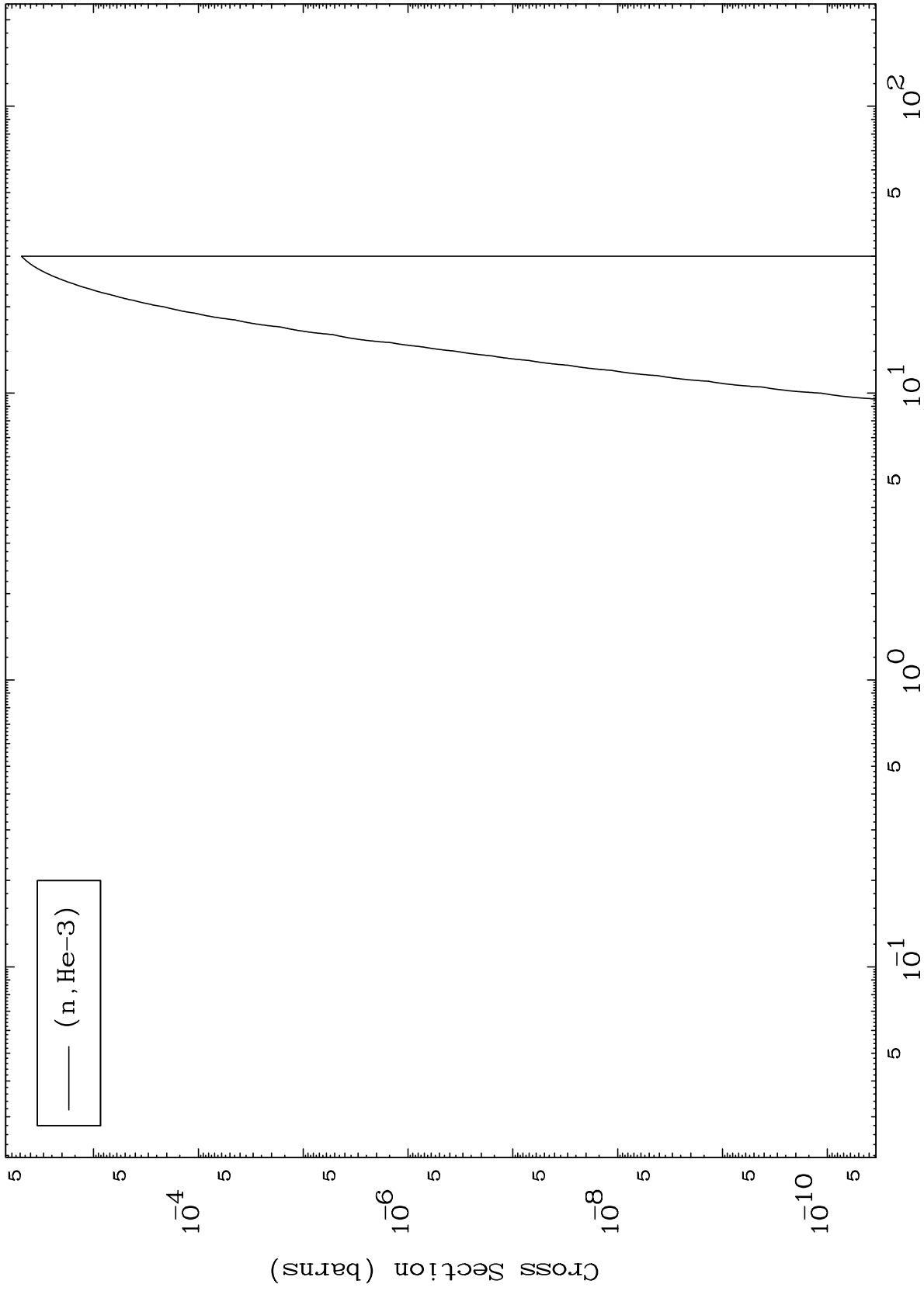
Incident Energy (MeV)

71-Lu-164

MAT 7092

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-164



13

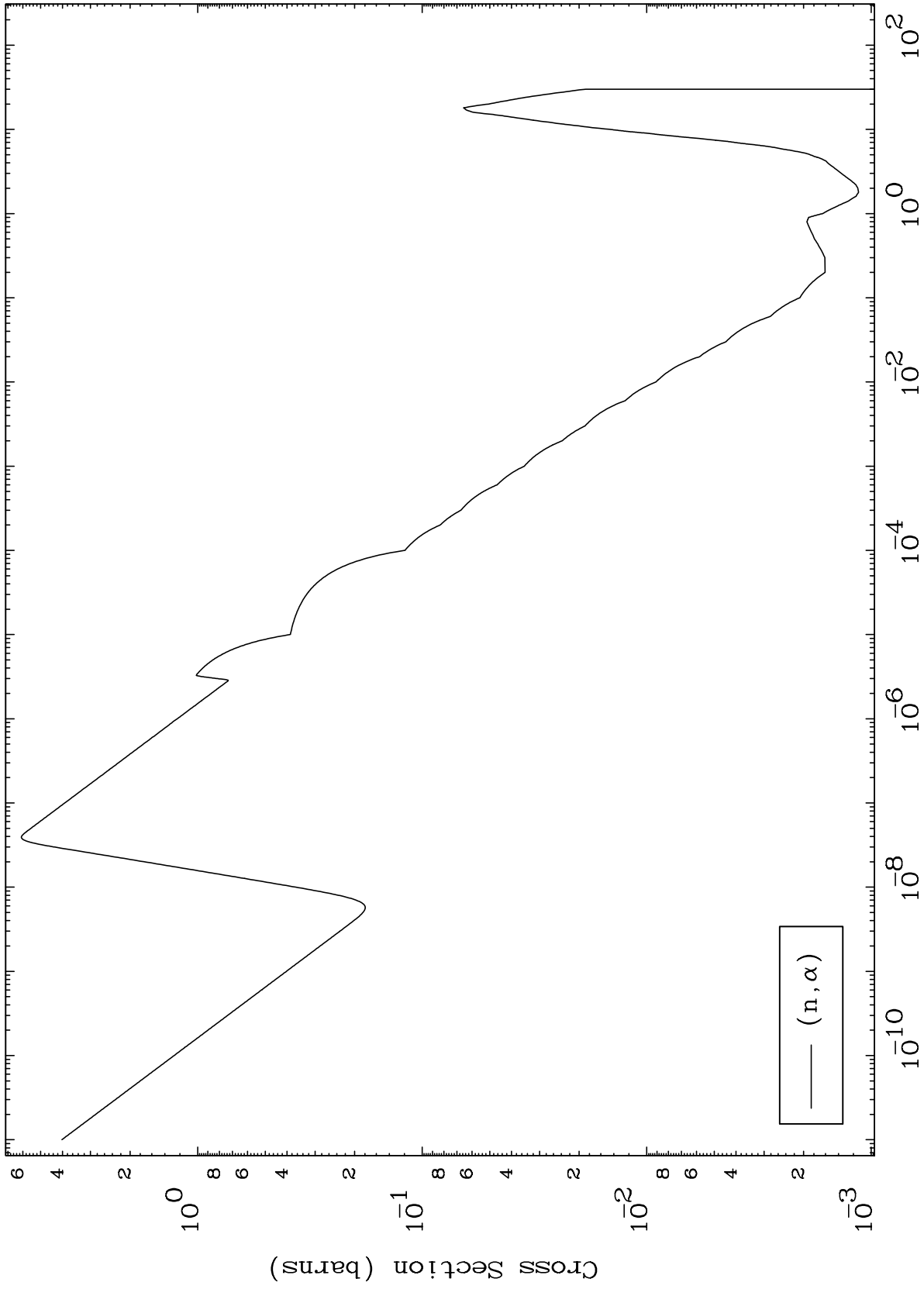
Incident Energy (MeV)

71-Lu-164

MAT 7092

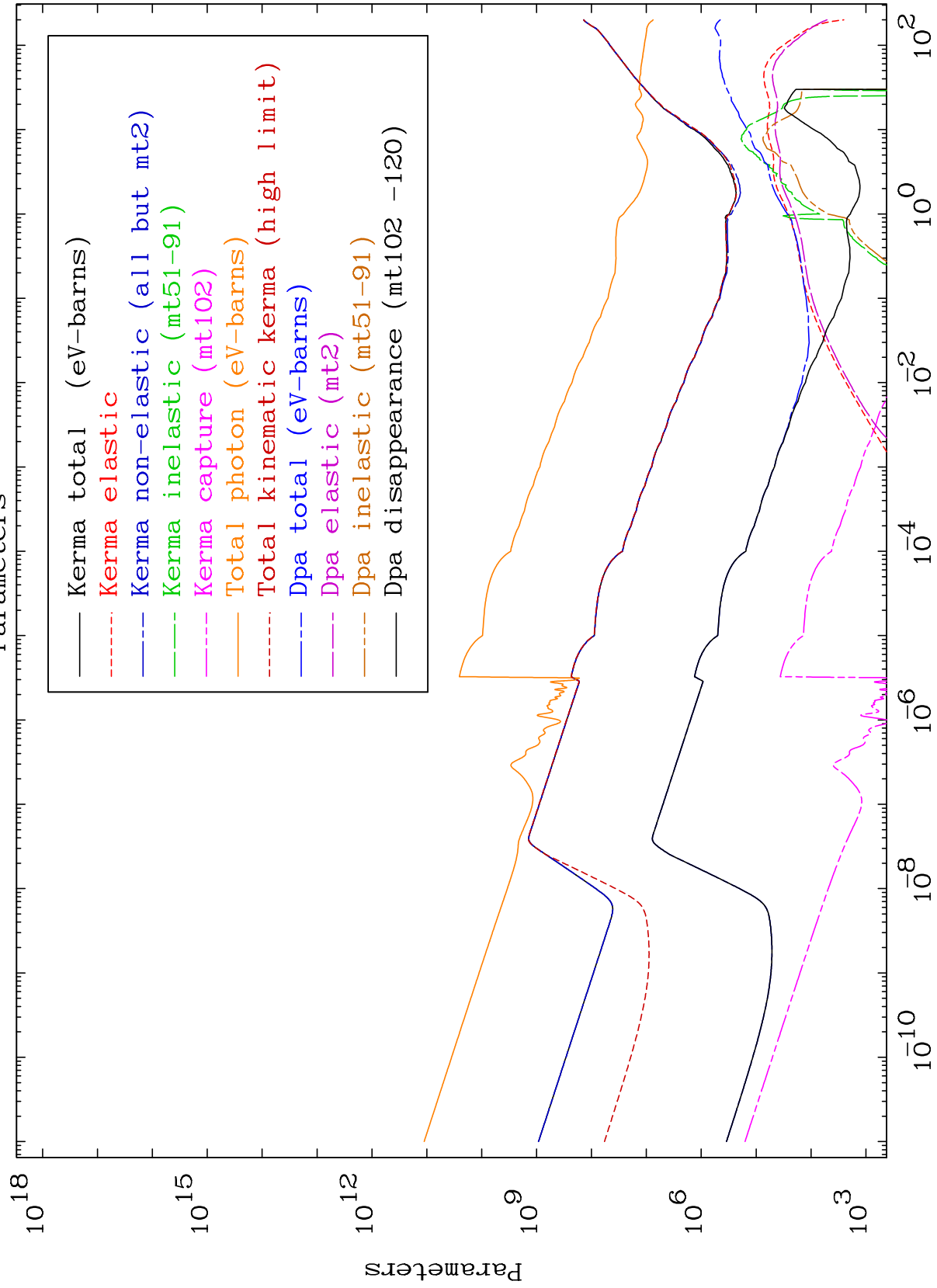
(n,α) Levels
293 Kelvin Cross Sections

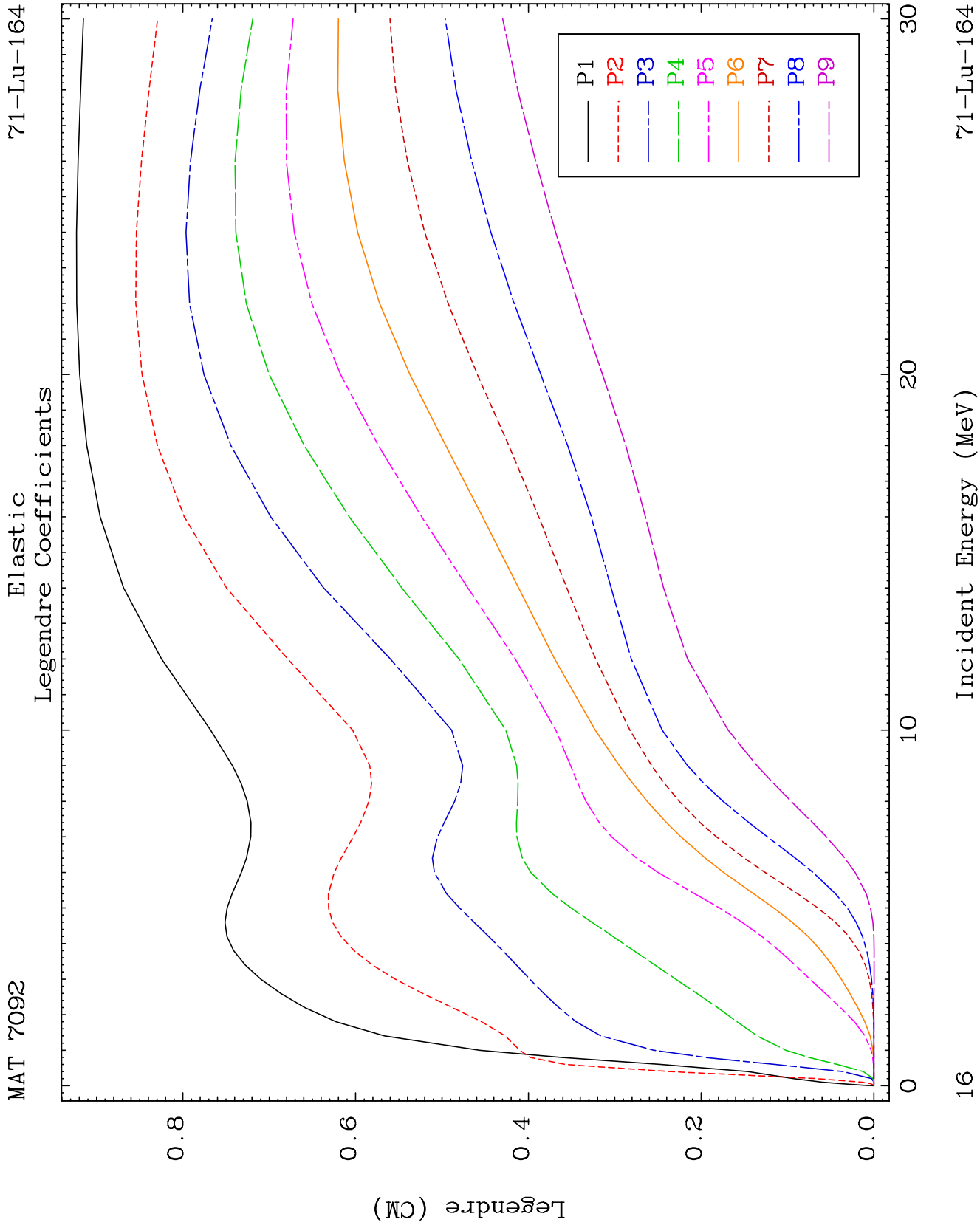
71-Lu-164



Incident Energy (MeV)

71-Lu-164

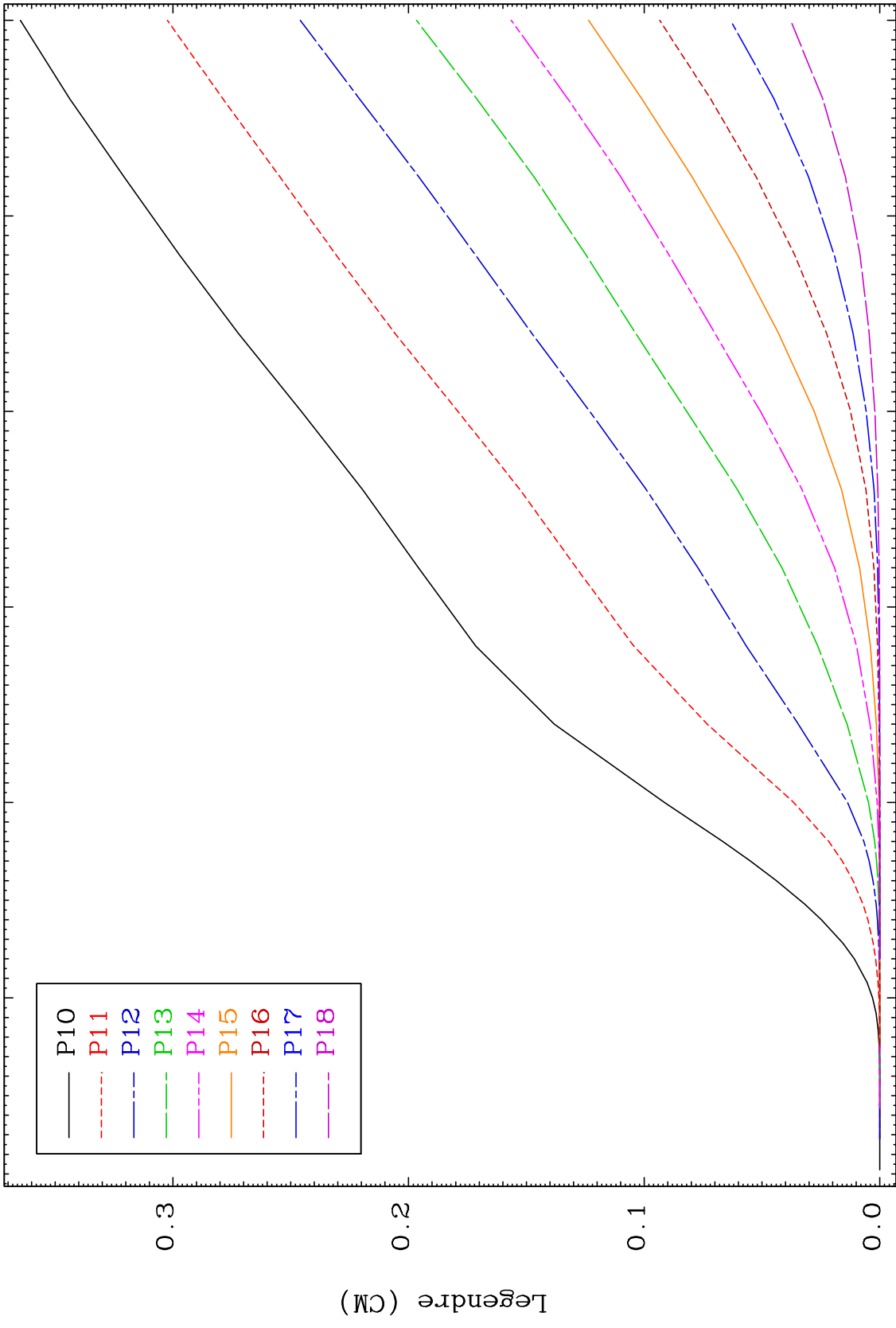




MAT 7092

Elastic Legendre Coefficients

71-Lu-164



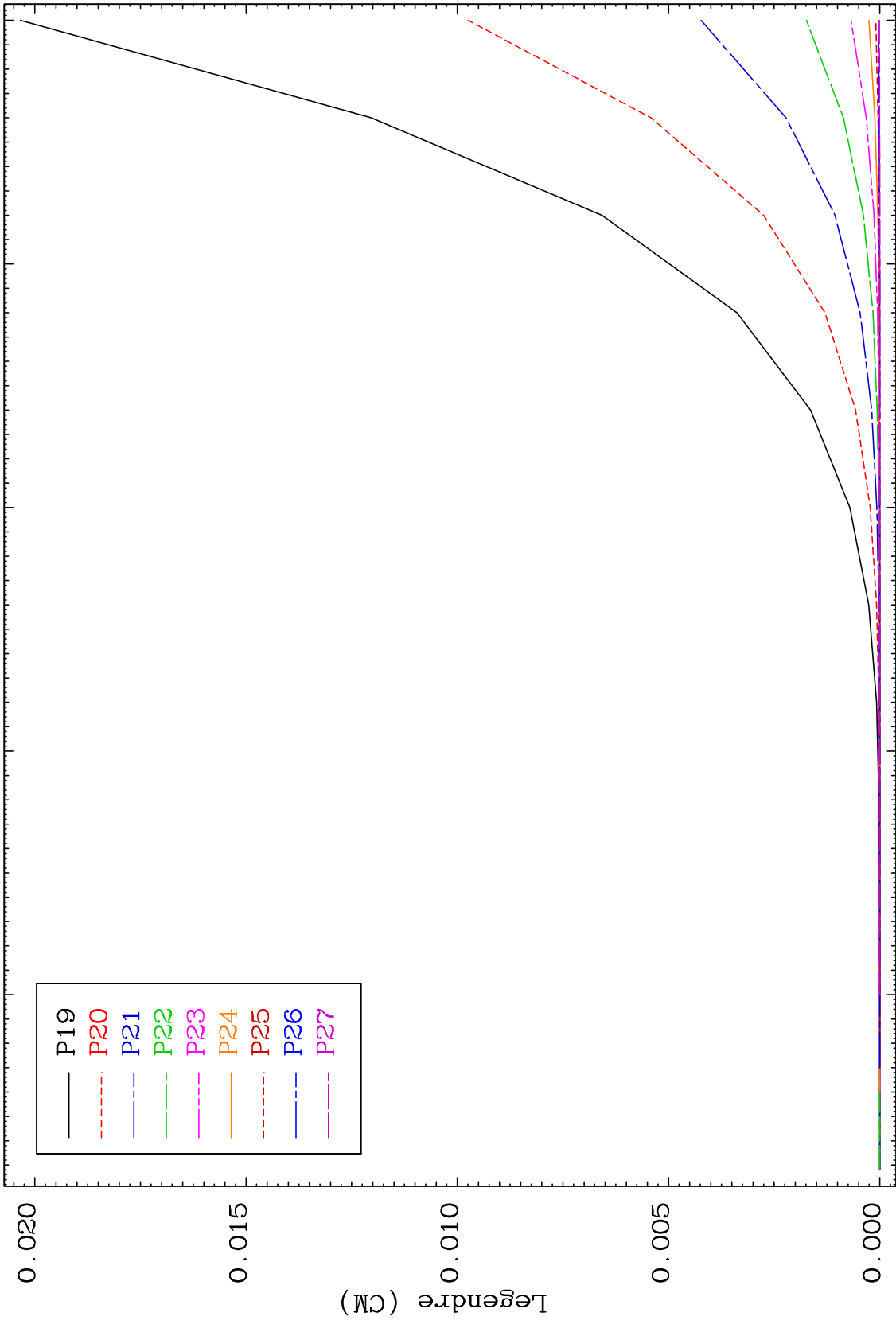
17

71-Lu-164

MAT 7092

Elastic Legendre Coefficients

71-Lu-164



18

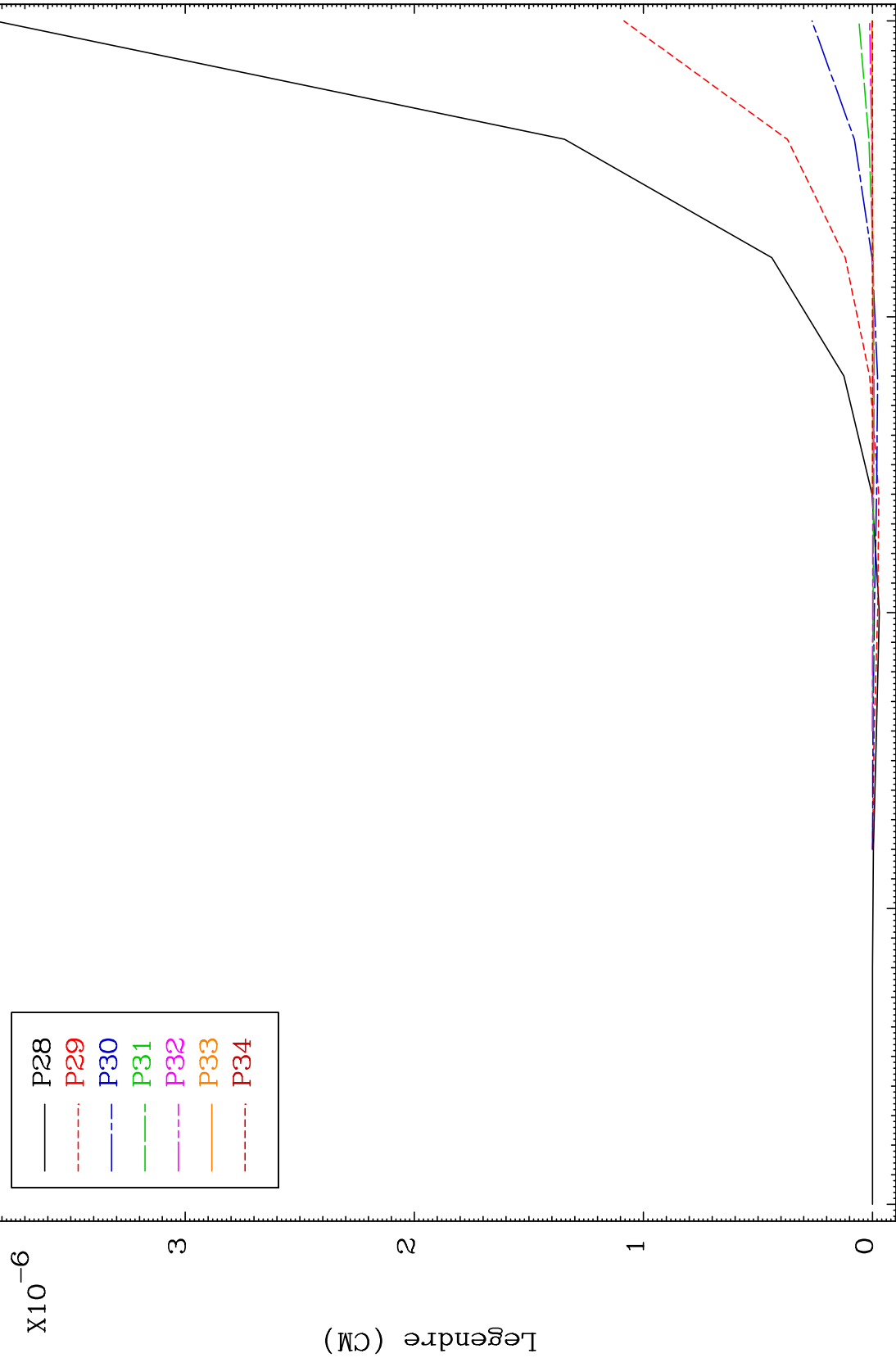
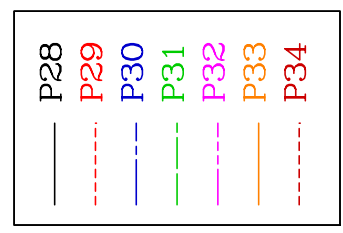
Incident Energy (MeV)

71-Lu-164

MAT 7092

Elastic Legendre Coefficients

71-Lu-164



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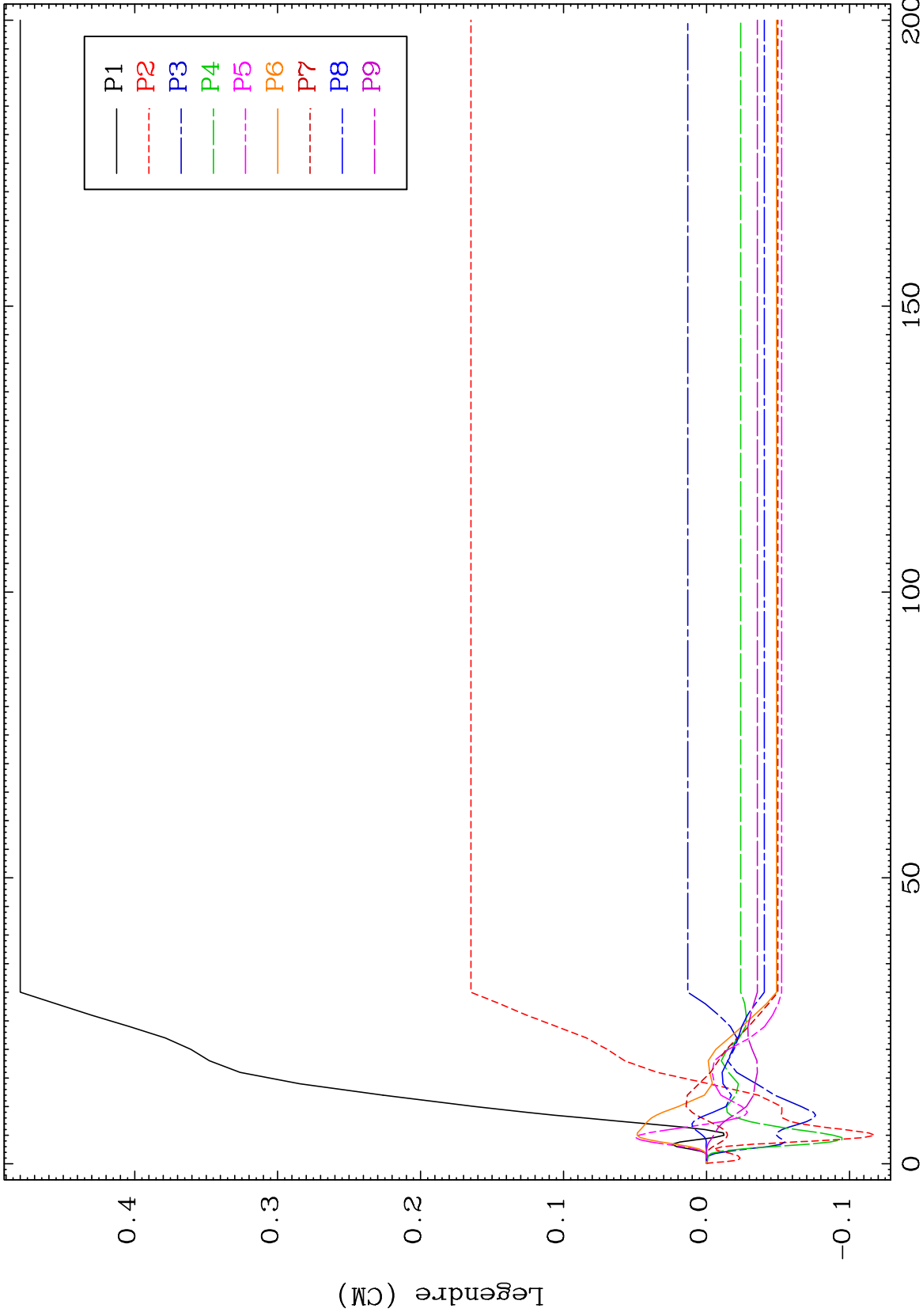
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

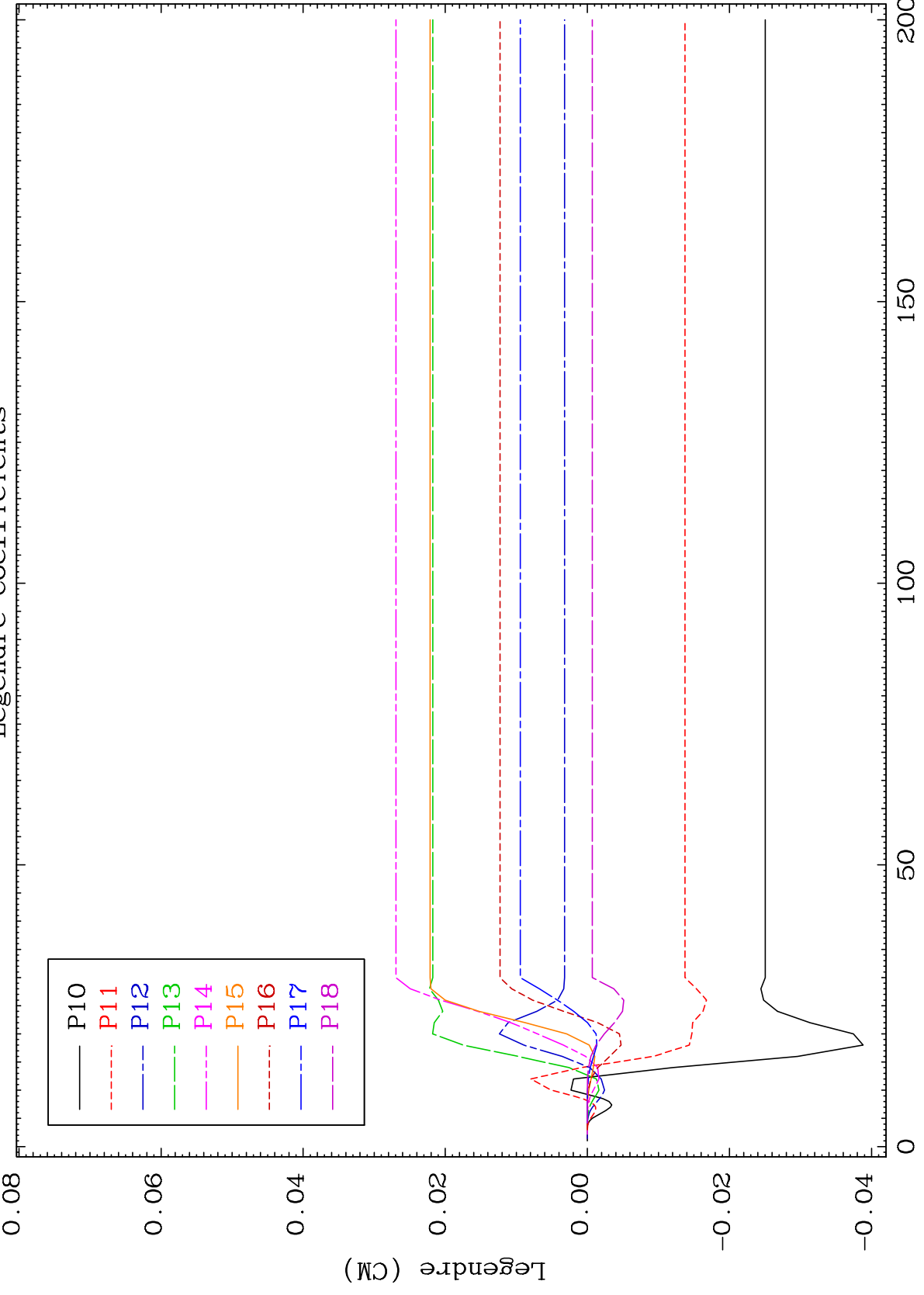


71-Lu-164

Incident Energy (MeV)

20

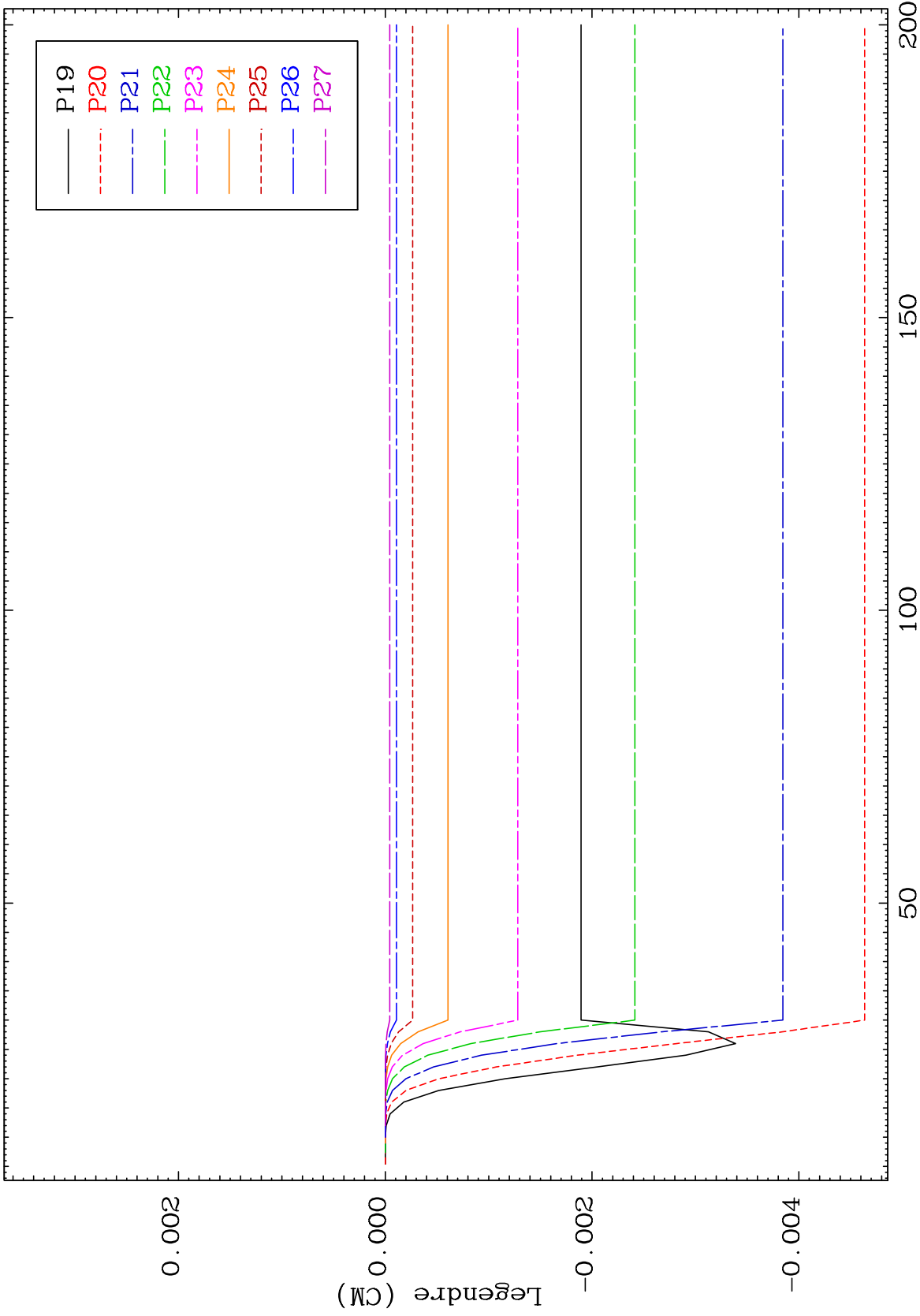
MAT 7092 MT= 51 (n,n') Level Legendre Coefficients 71-Lu-164



MAT 7092

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

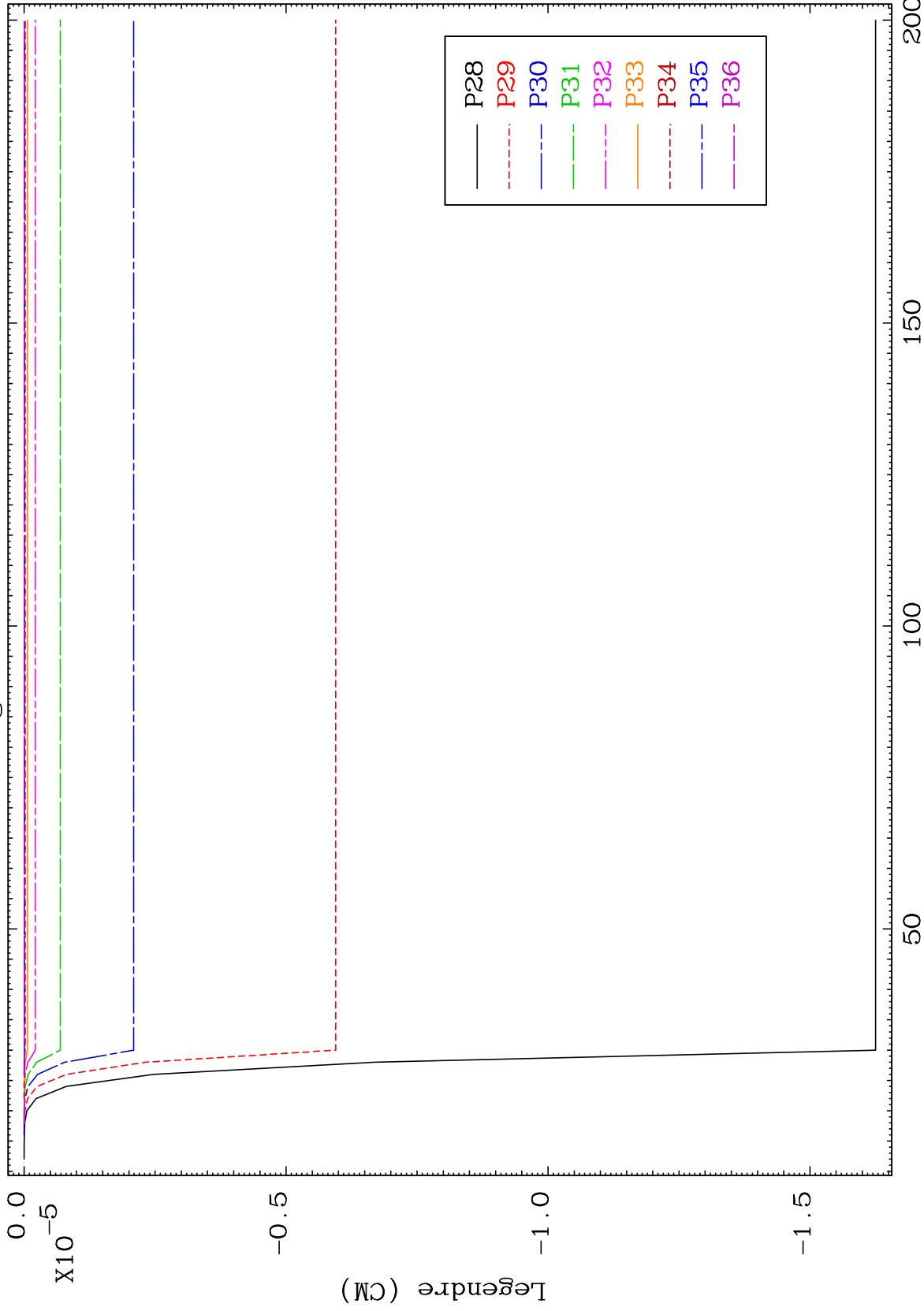
71-Lu-164



22

Incident Energy (MeV)

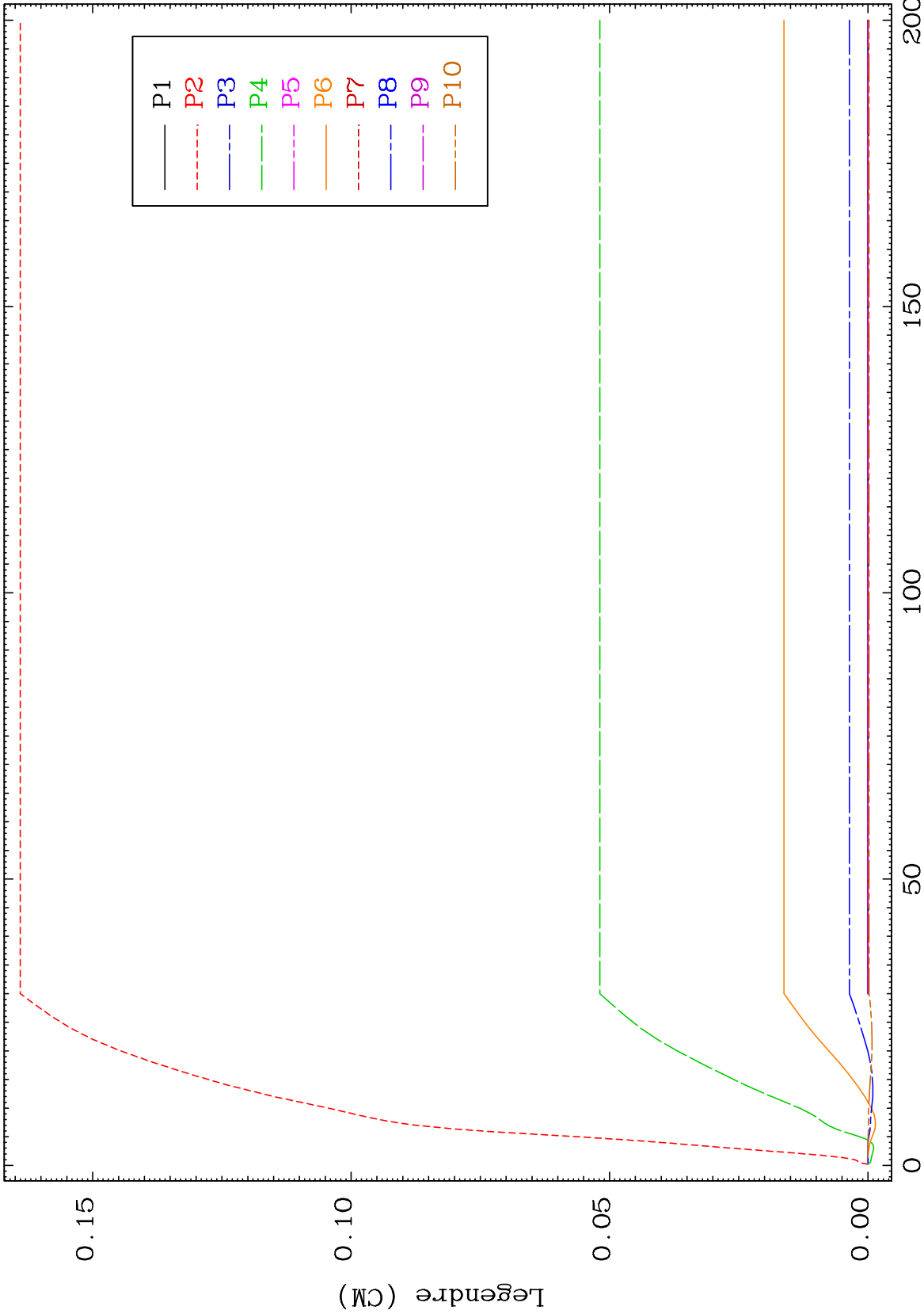
71-Lu-164



MAT 7092

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

71-Lu-164



24

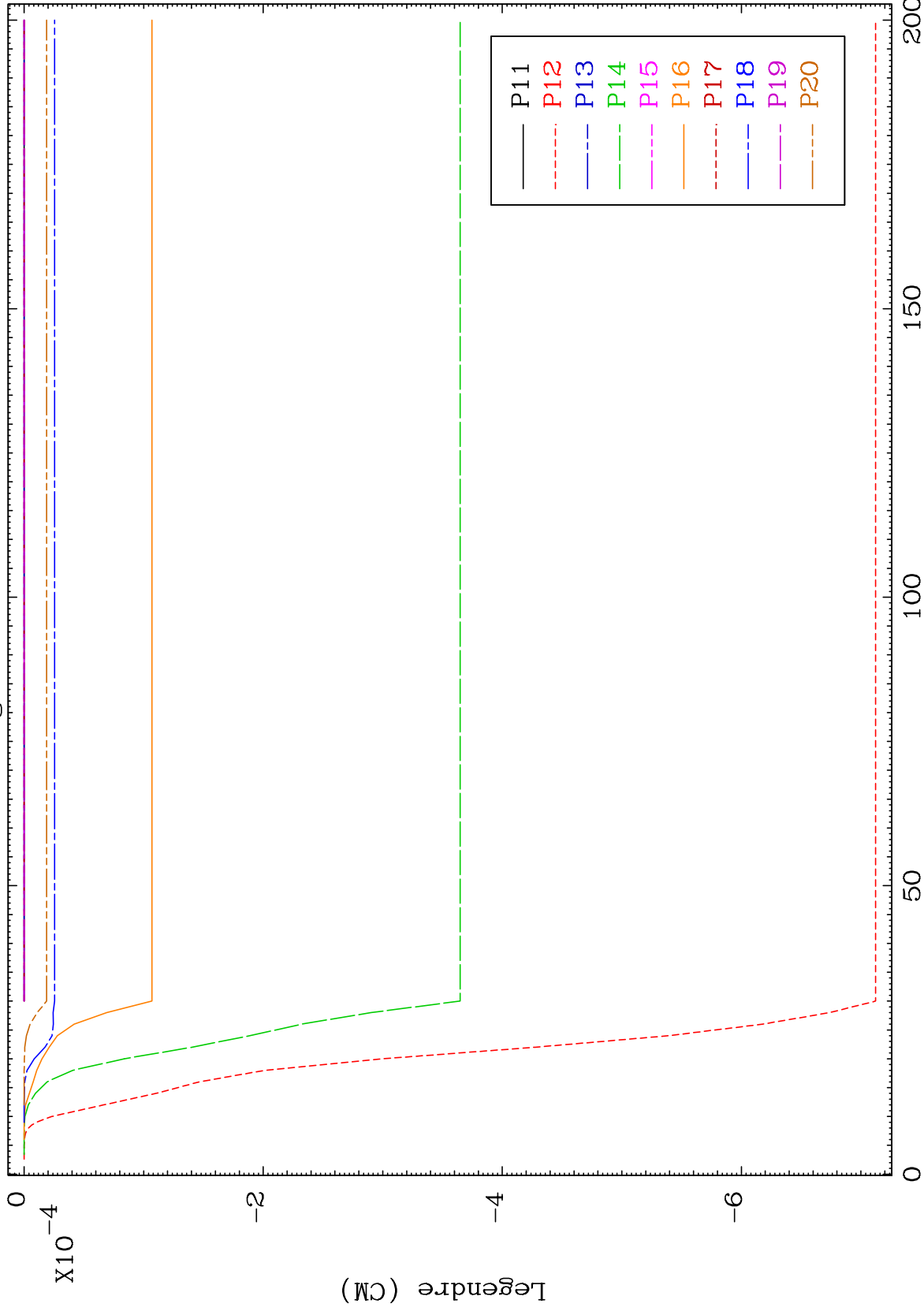
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

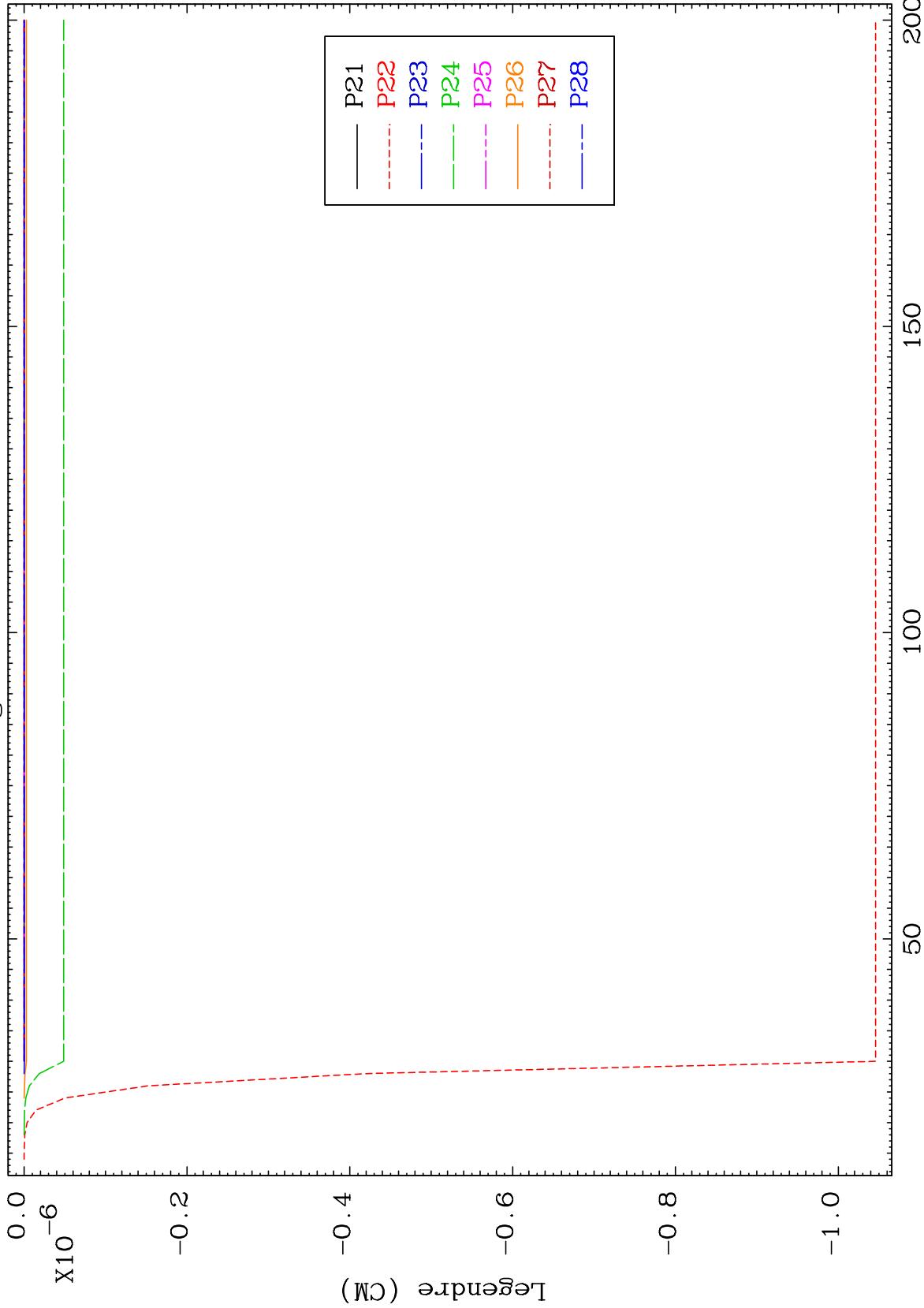
71-Lu-164



25

Incident Energy (MeV)

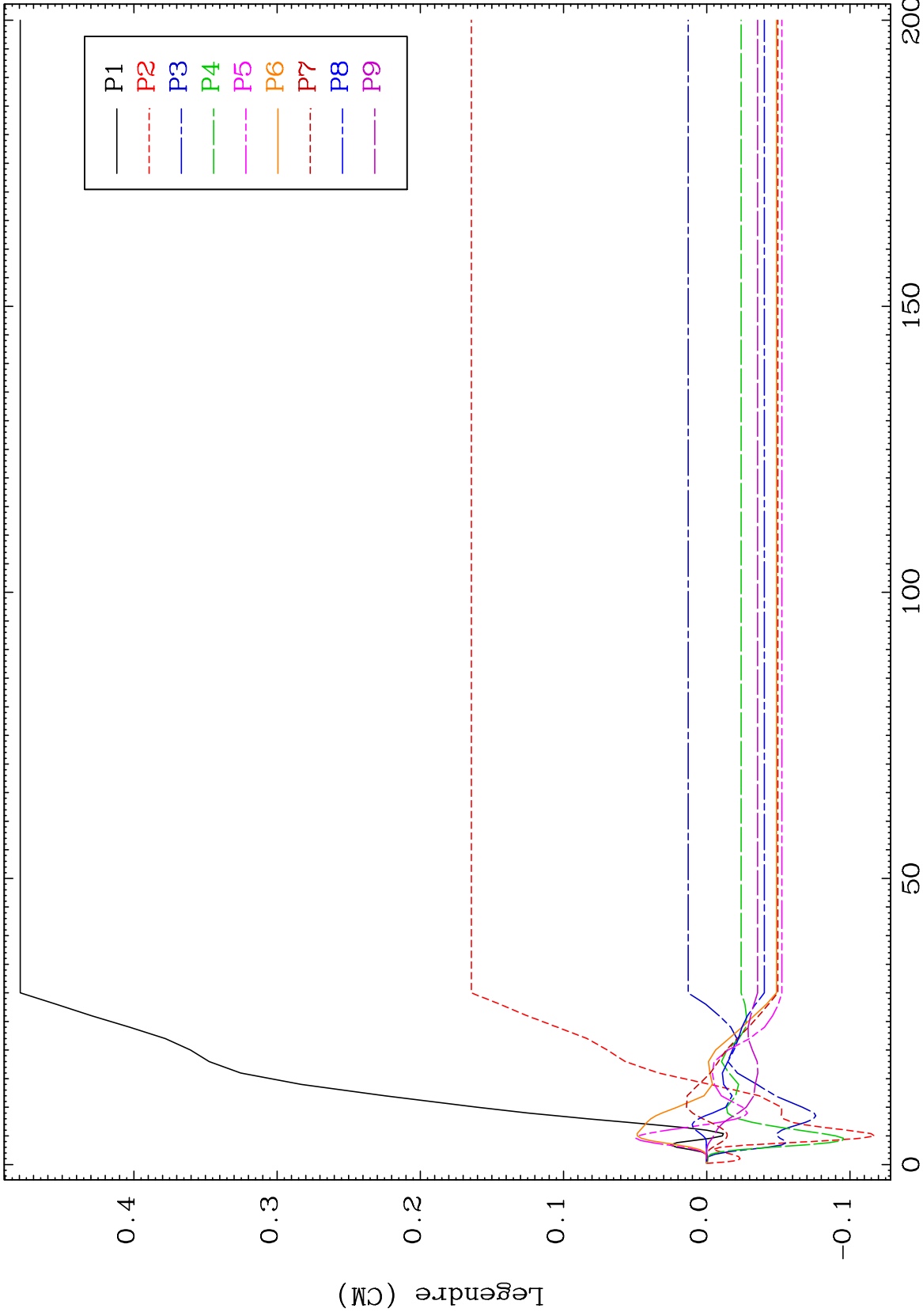
71-Lu-164



MAT 7092

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

71-Lu-164



27

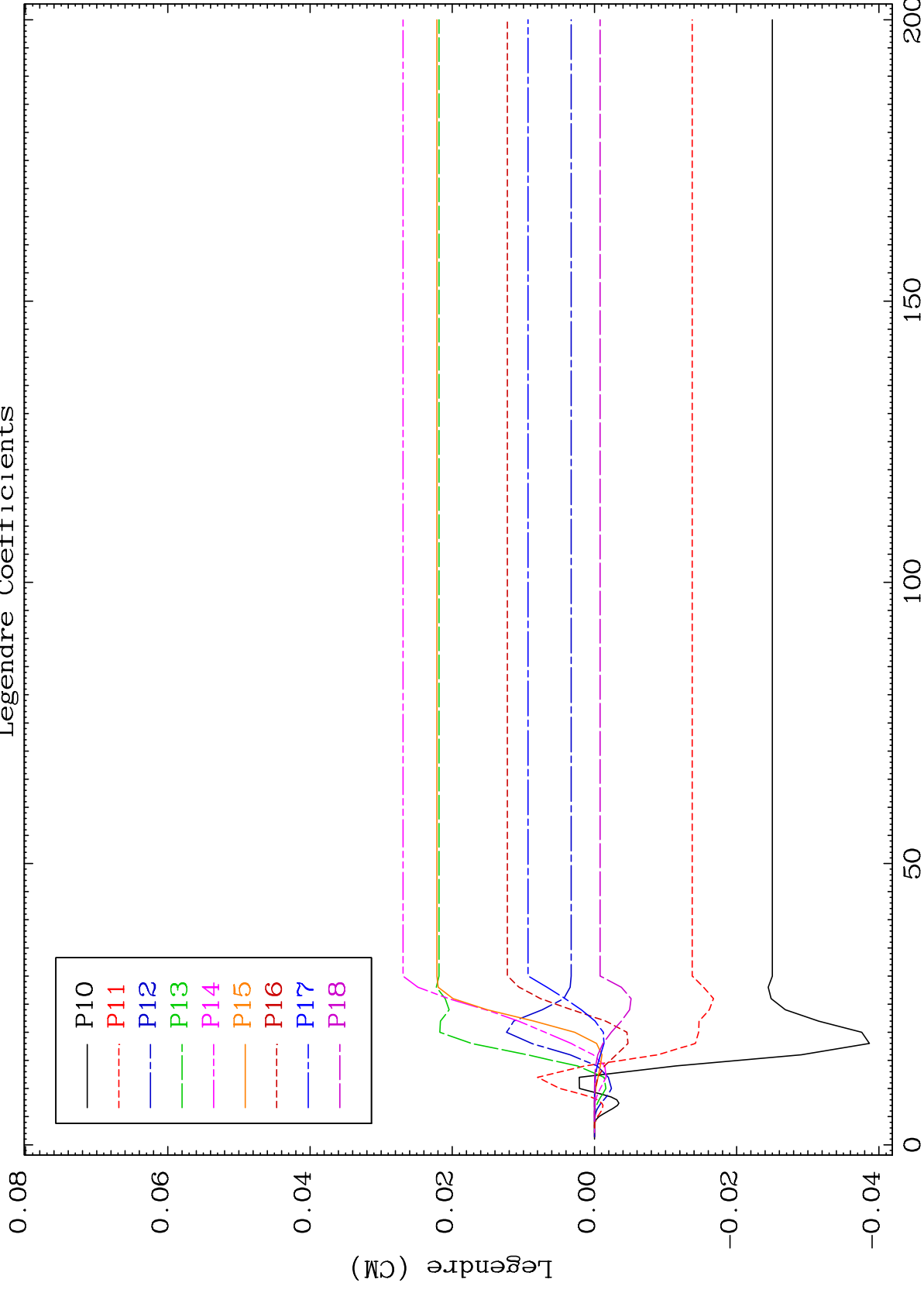
71-Lu-164

71-Lu-164

MAT 7092

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

71-Lu-164



28

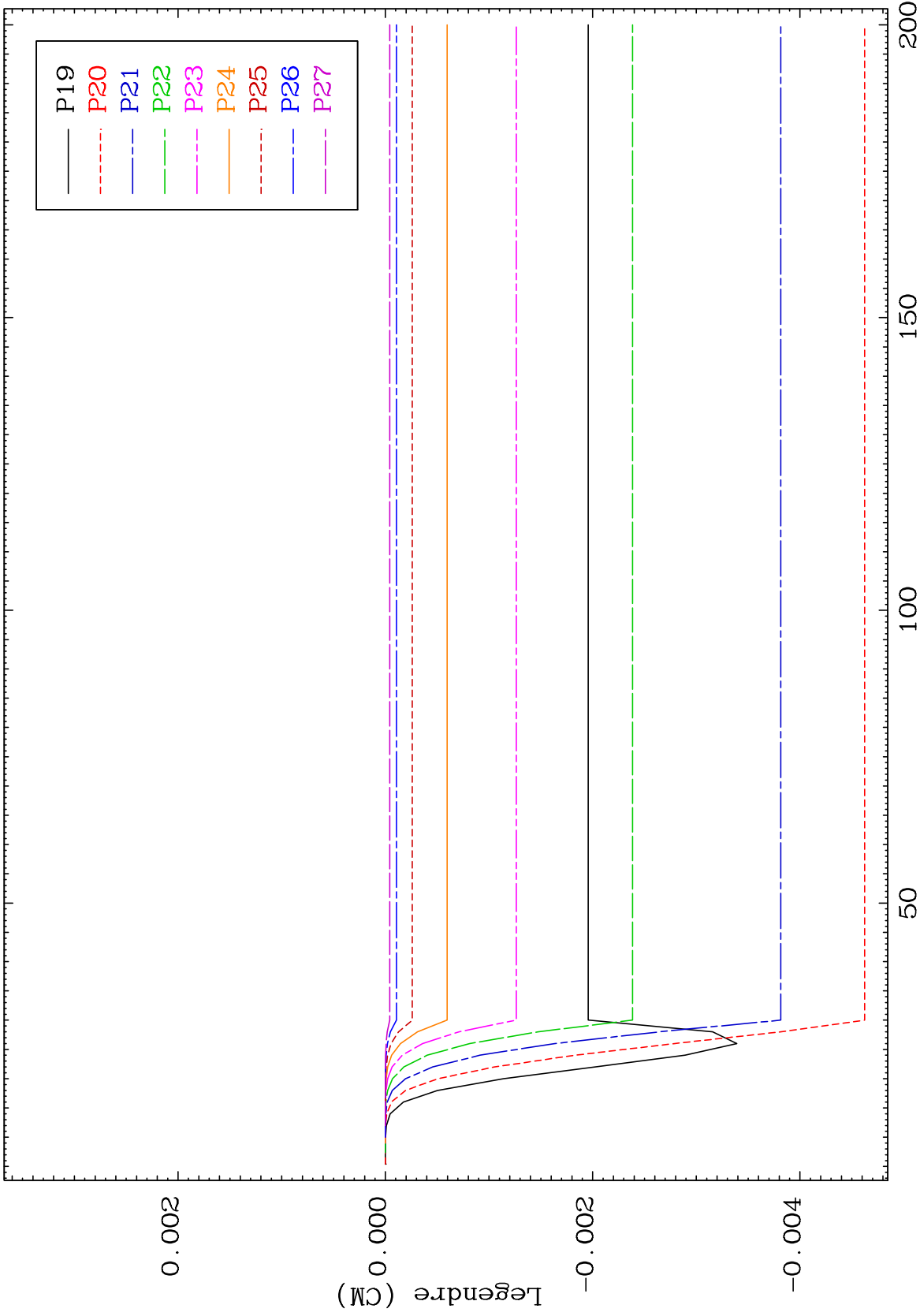
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



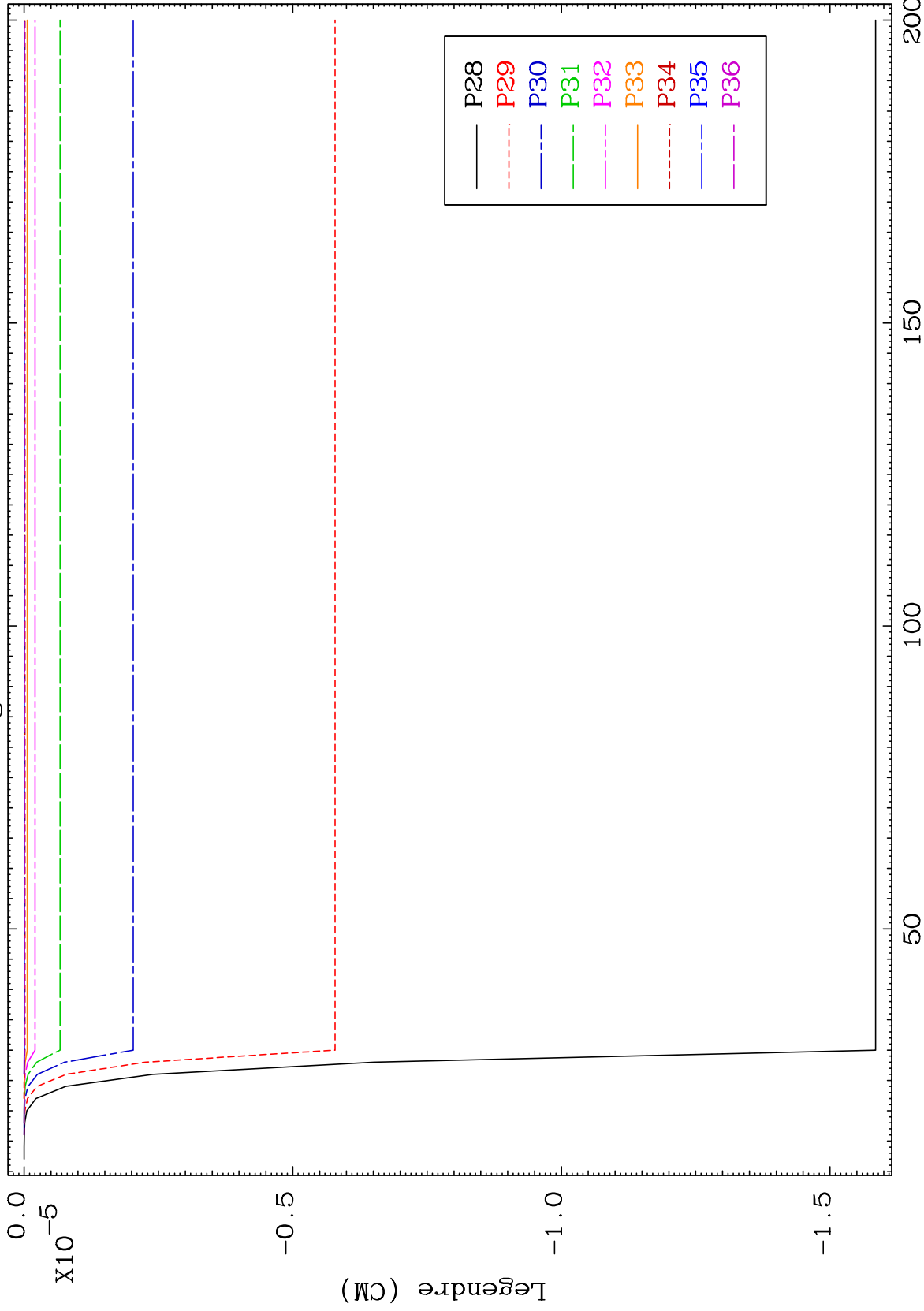
29

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 53 (n,n') Level 71-Lu-164

Legendre Coefficients



30

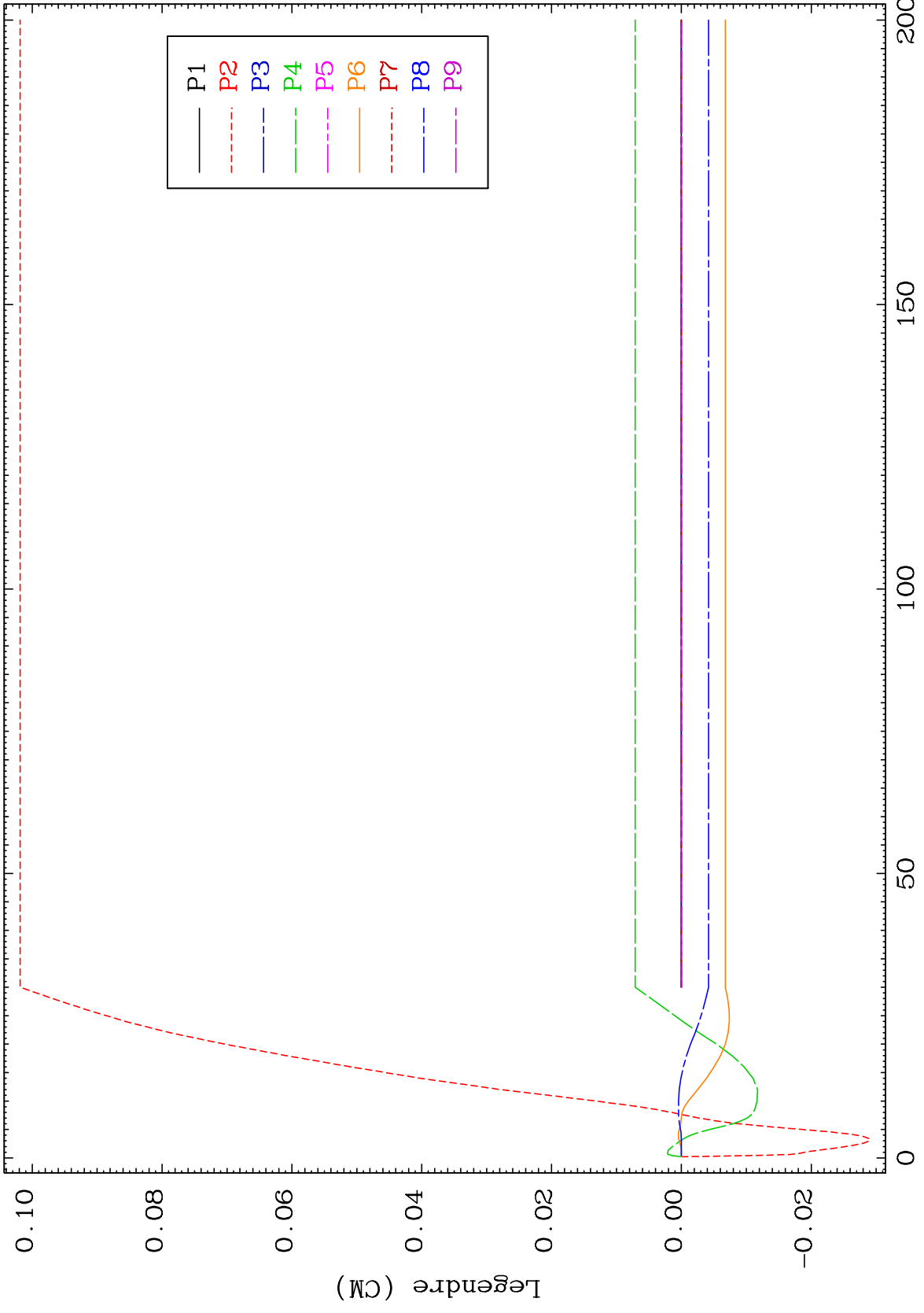
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



31

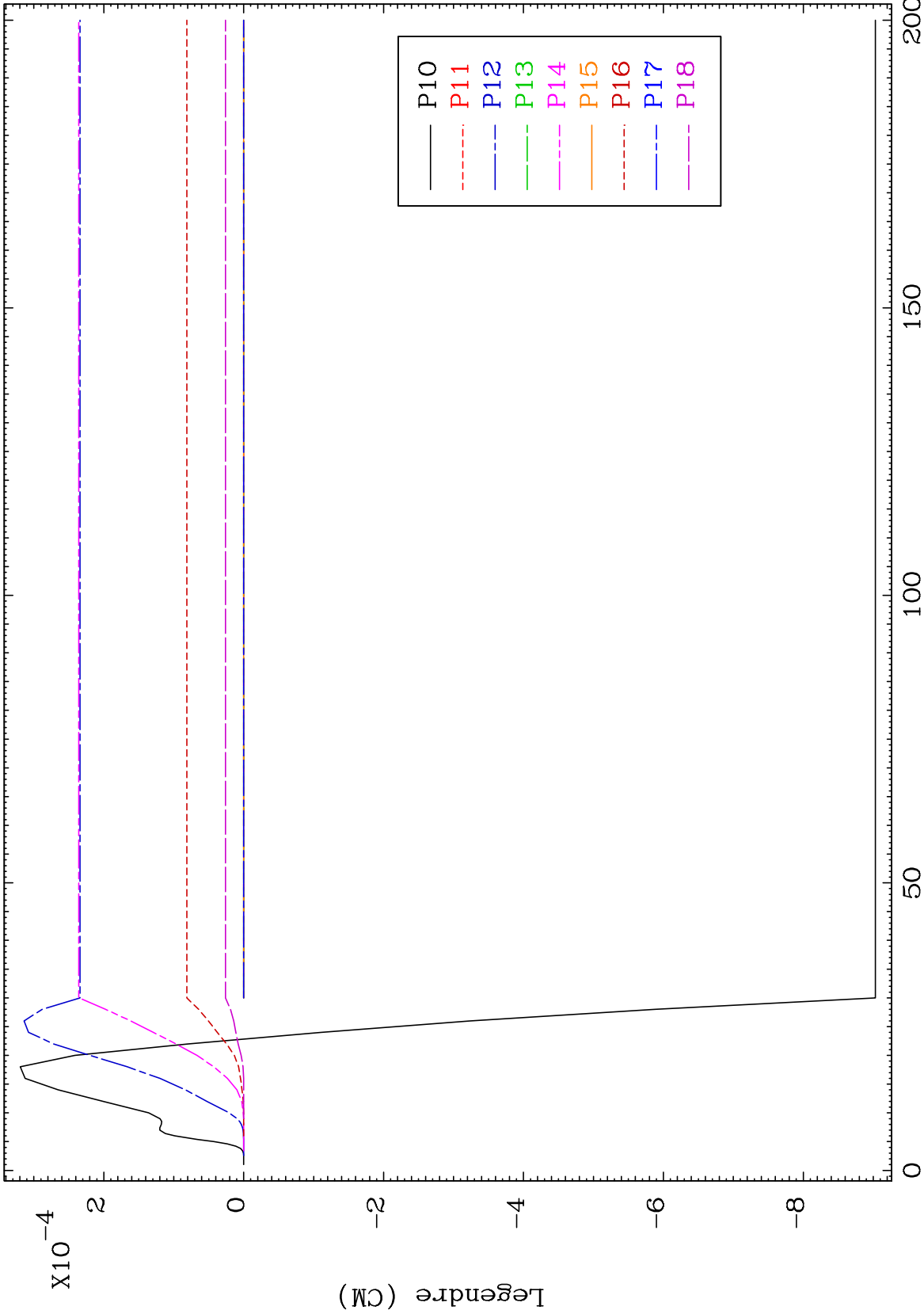
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



32

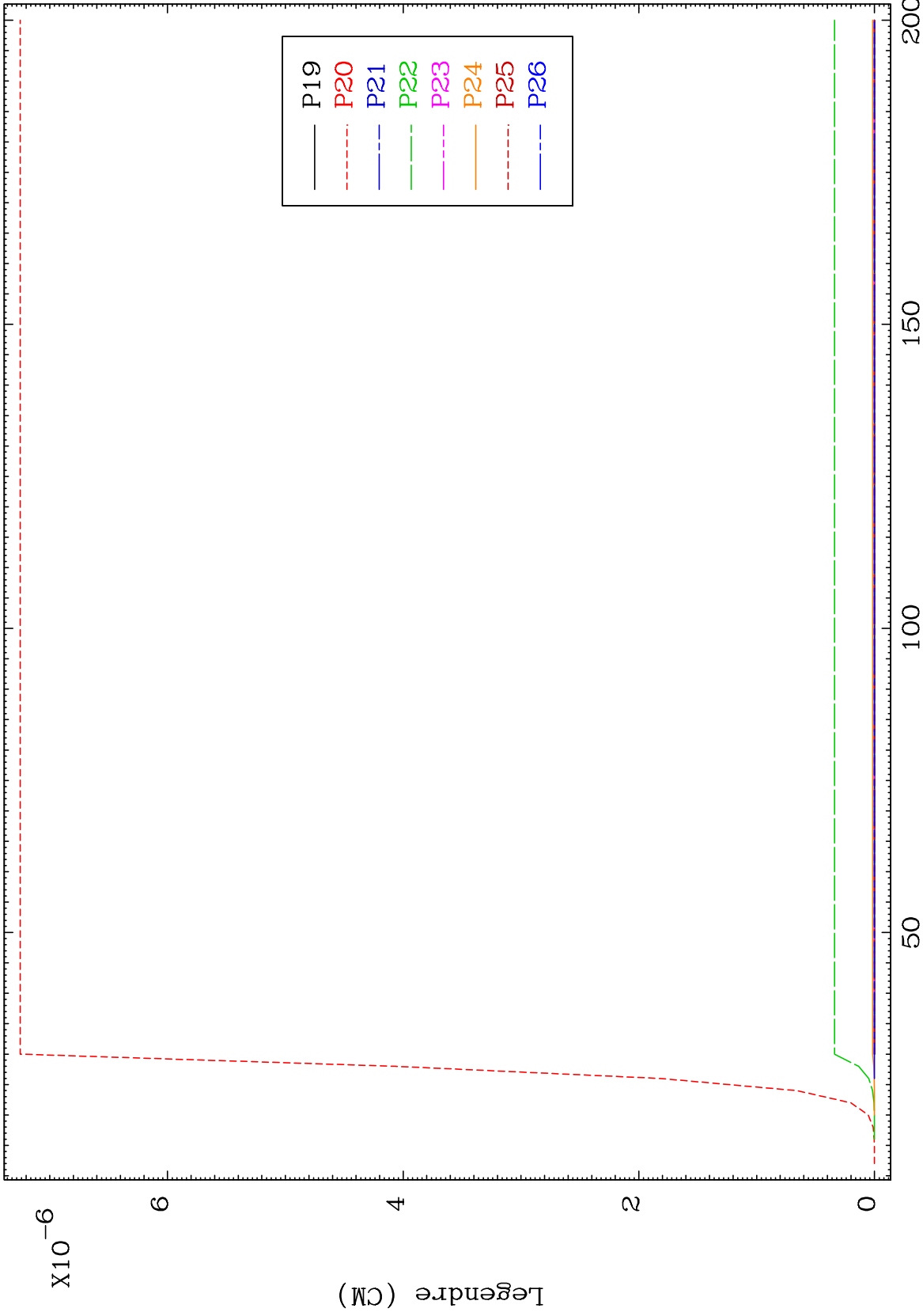
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



33

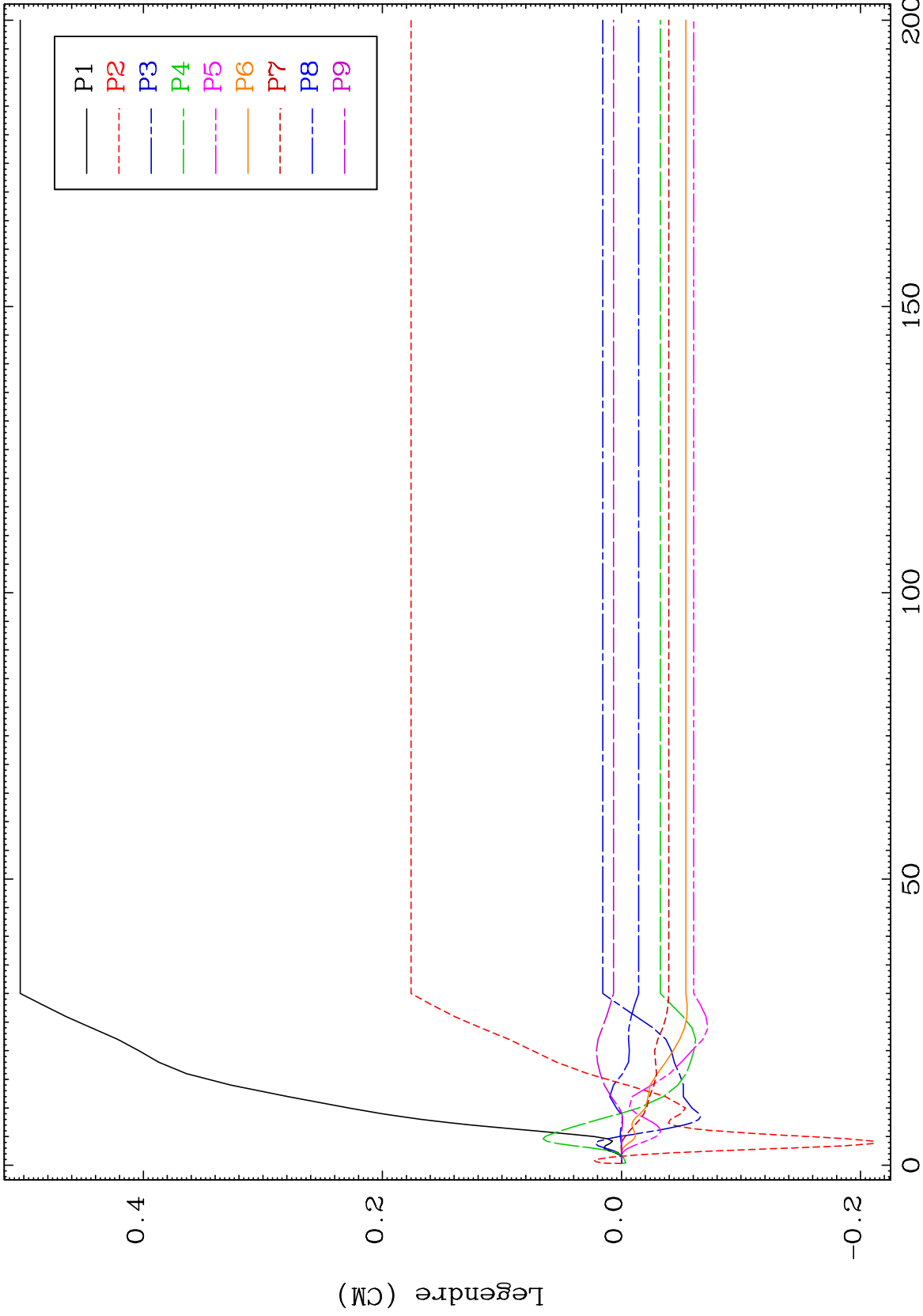
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



34

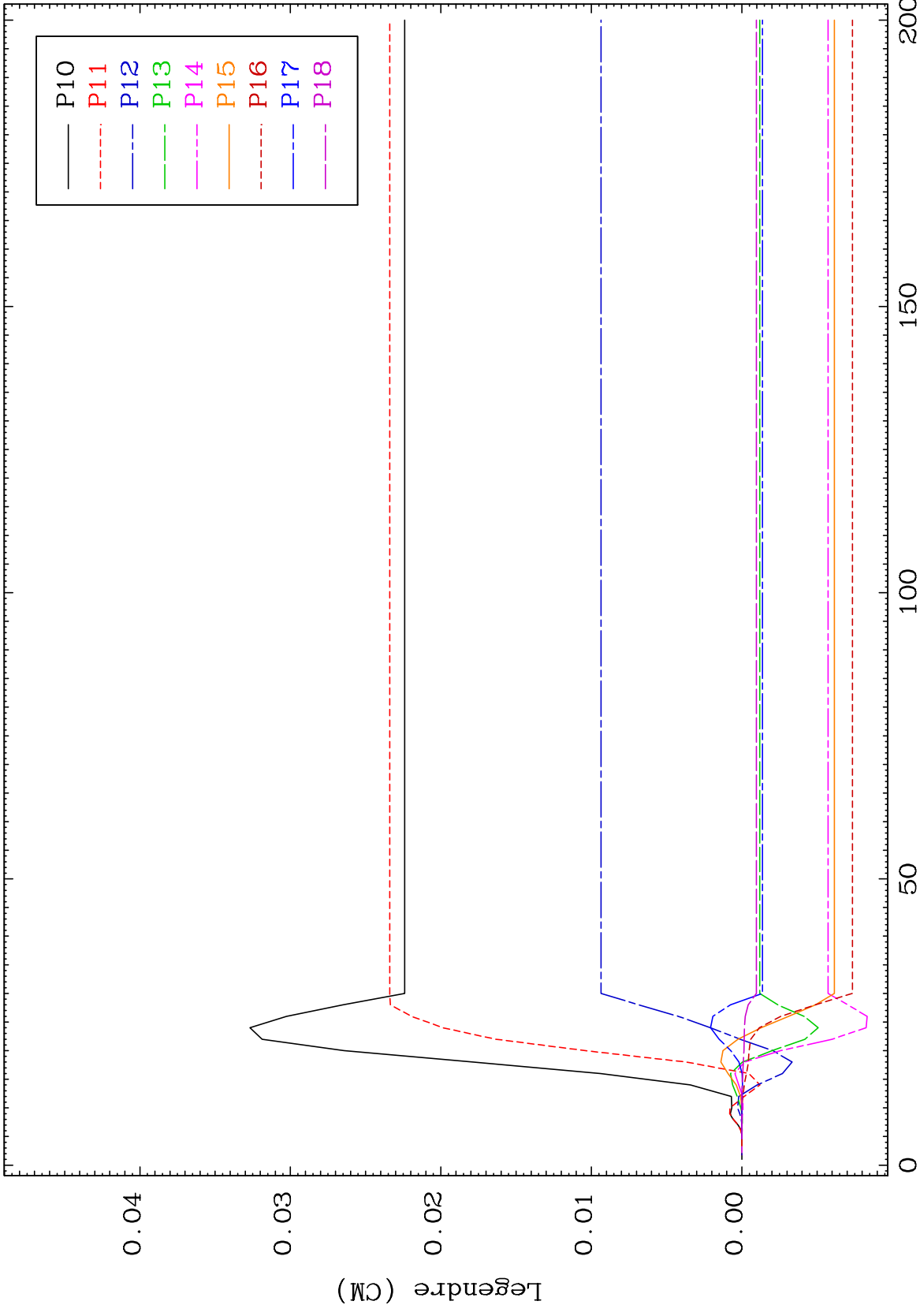
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



35

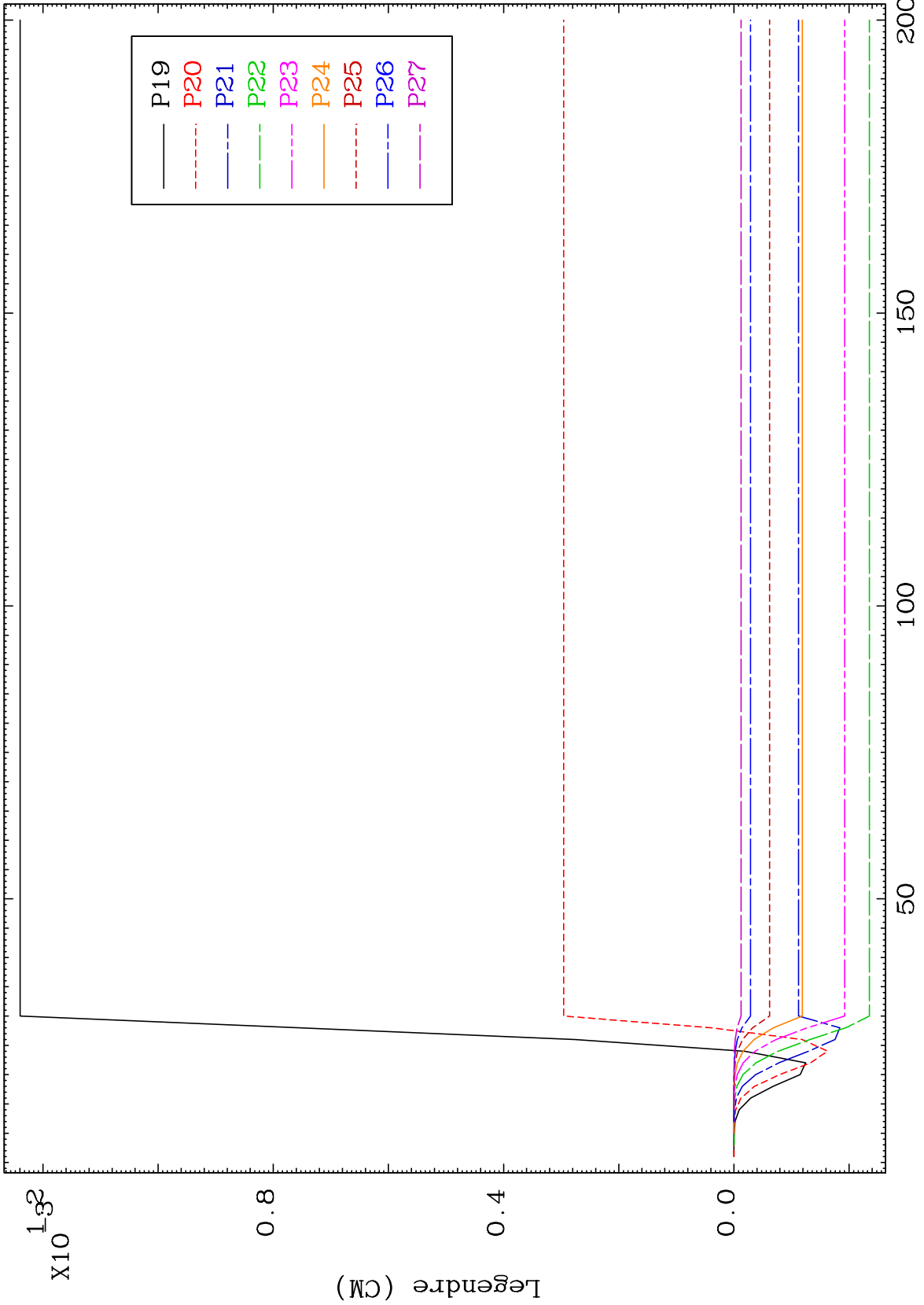
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



36

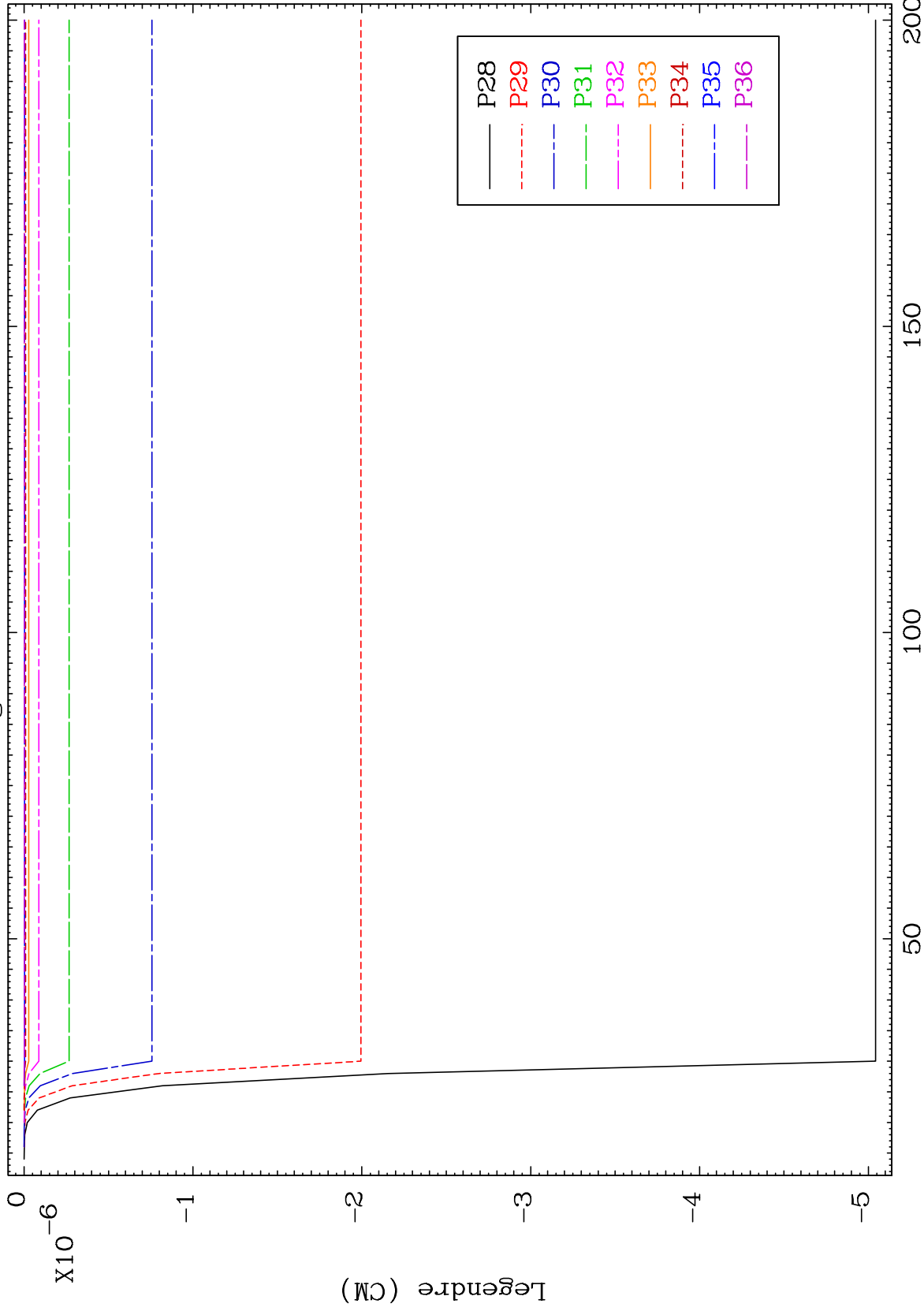
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

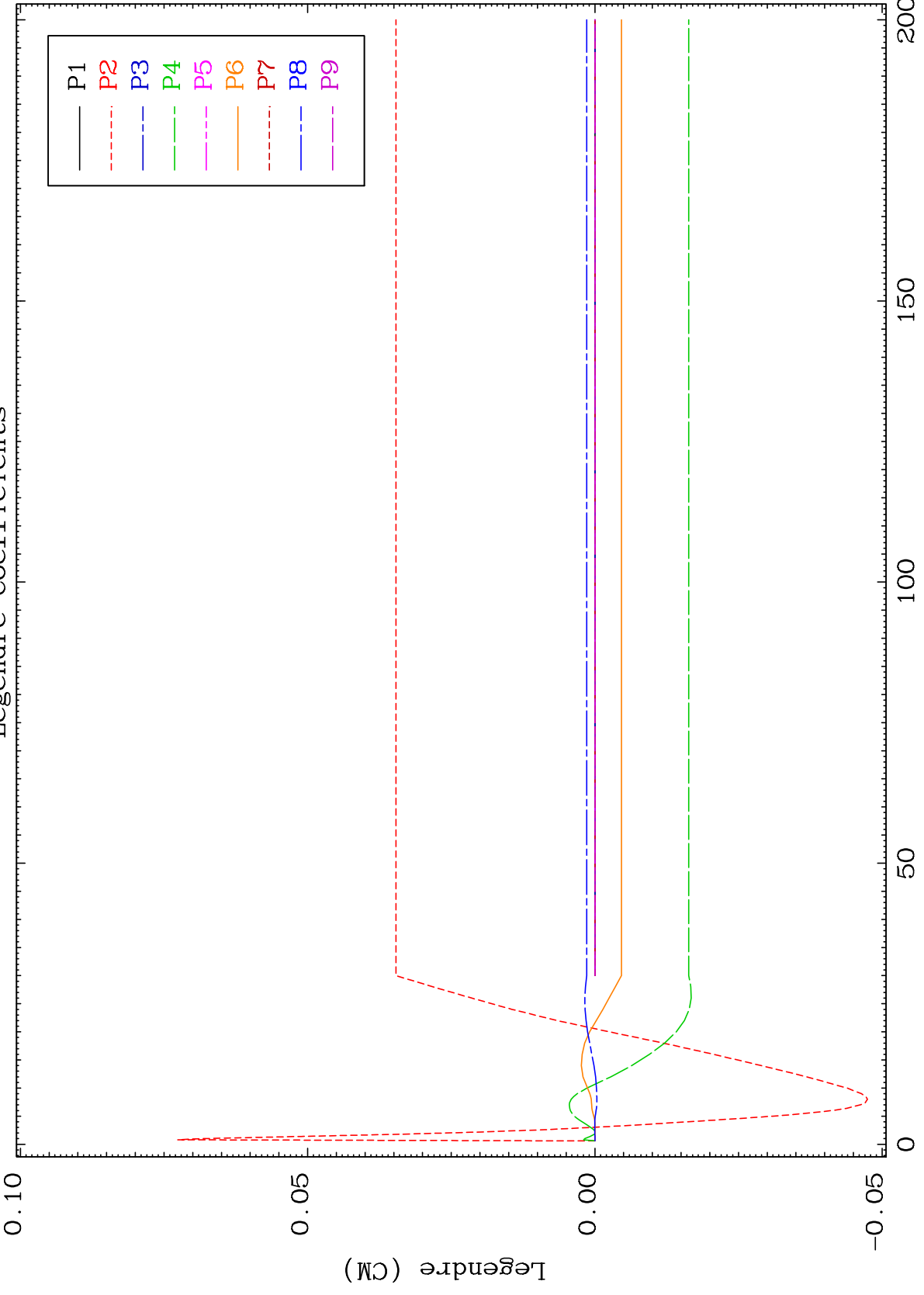


37

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-164

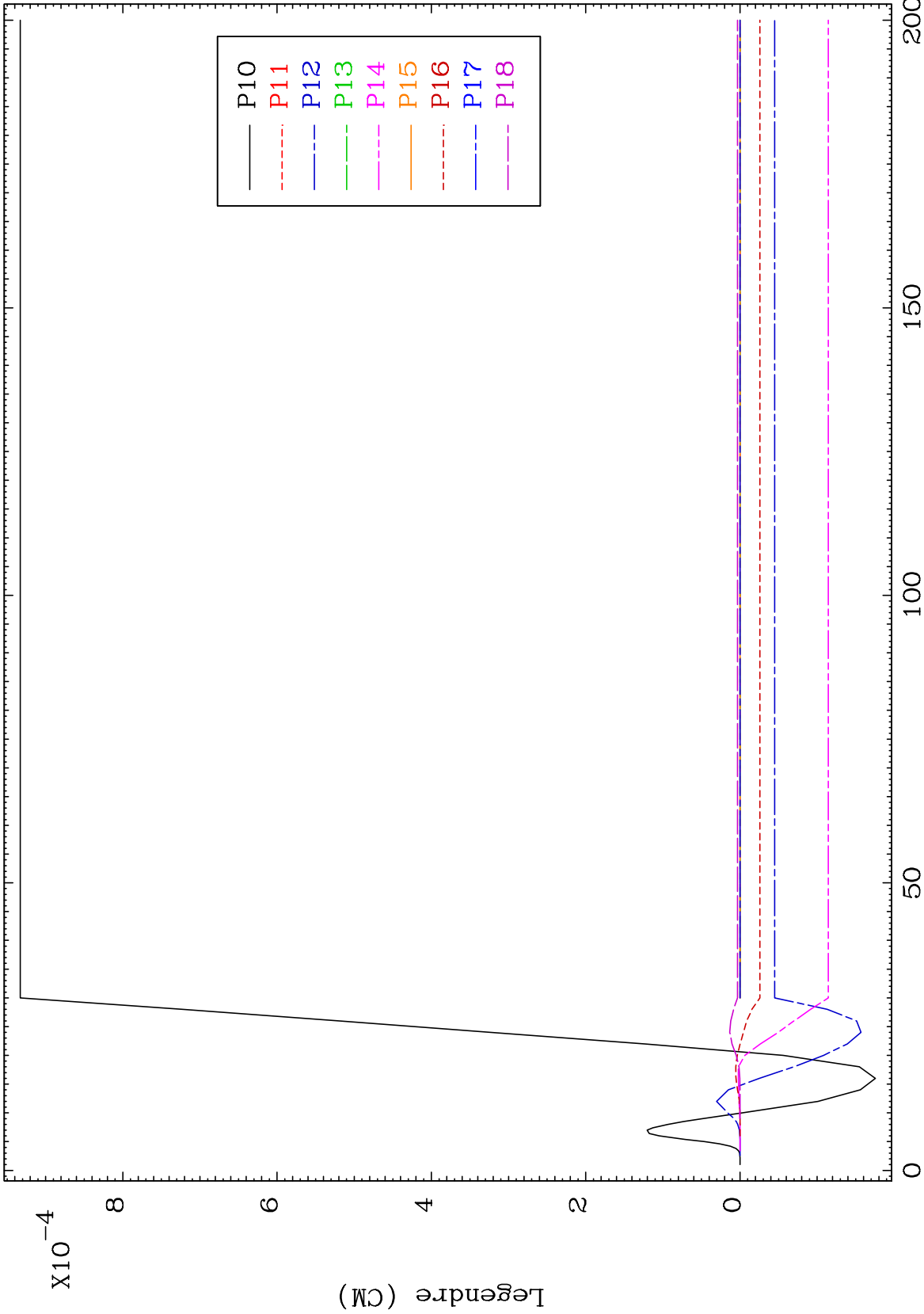


38 Incident Energy (MeV) 71-Lu-164

MAT 7092

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

71-Lu-164

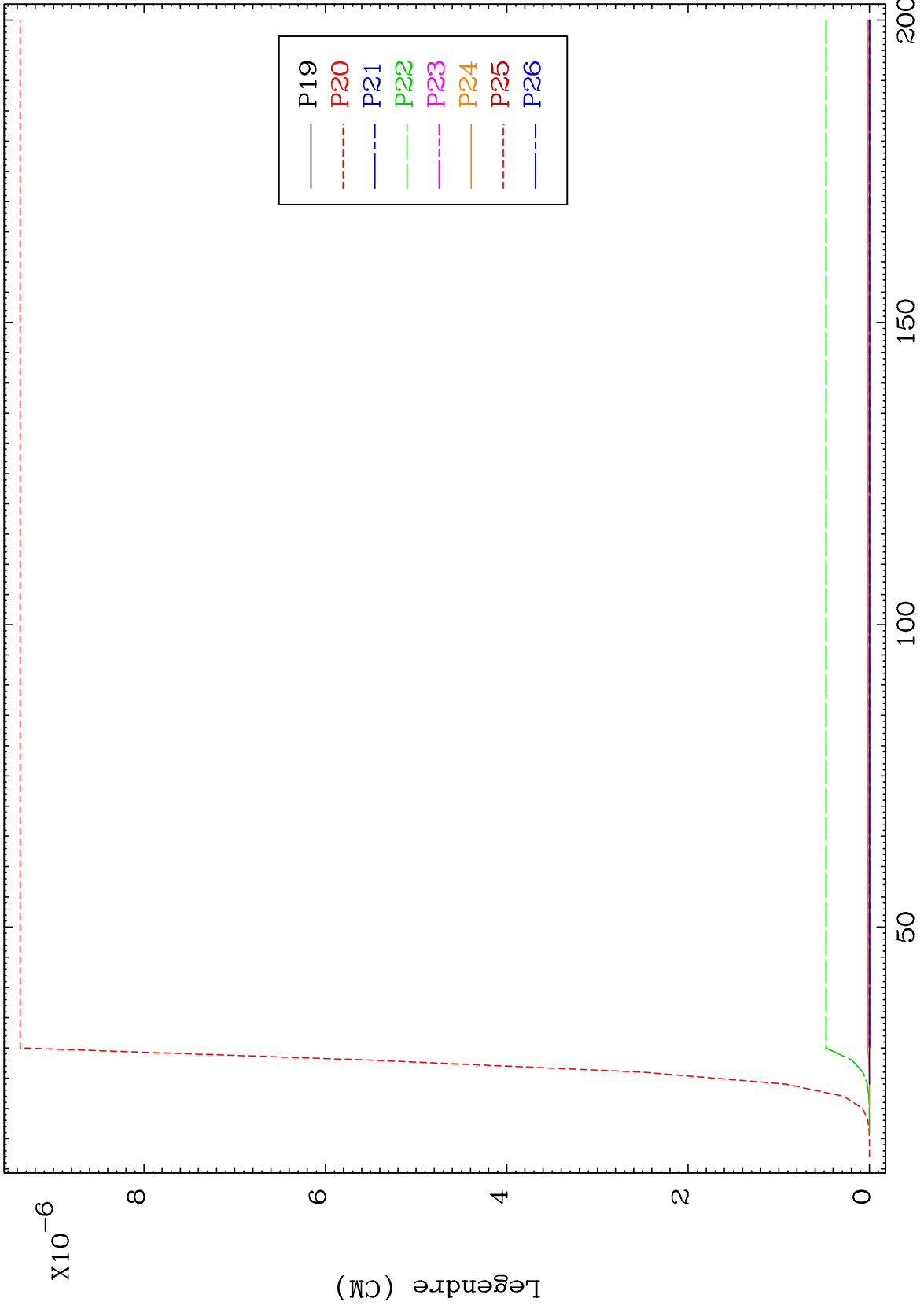


39

Incident Energy (MeV)

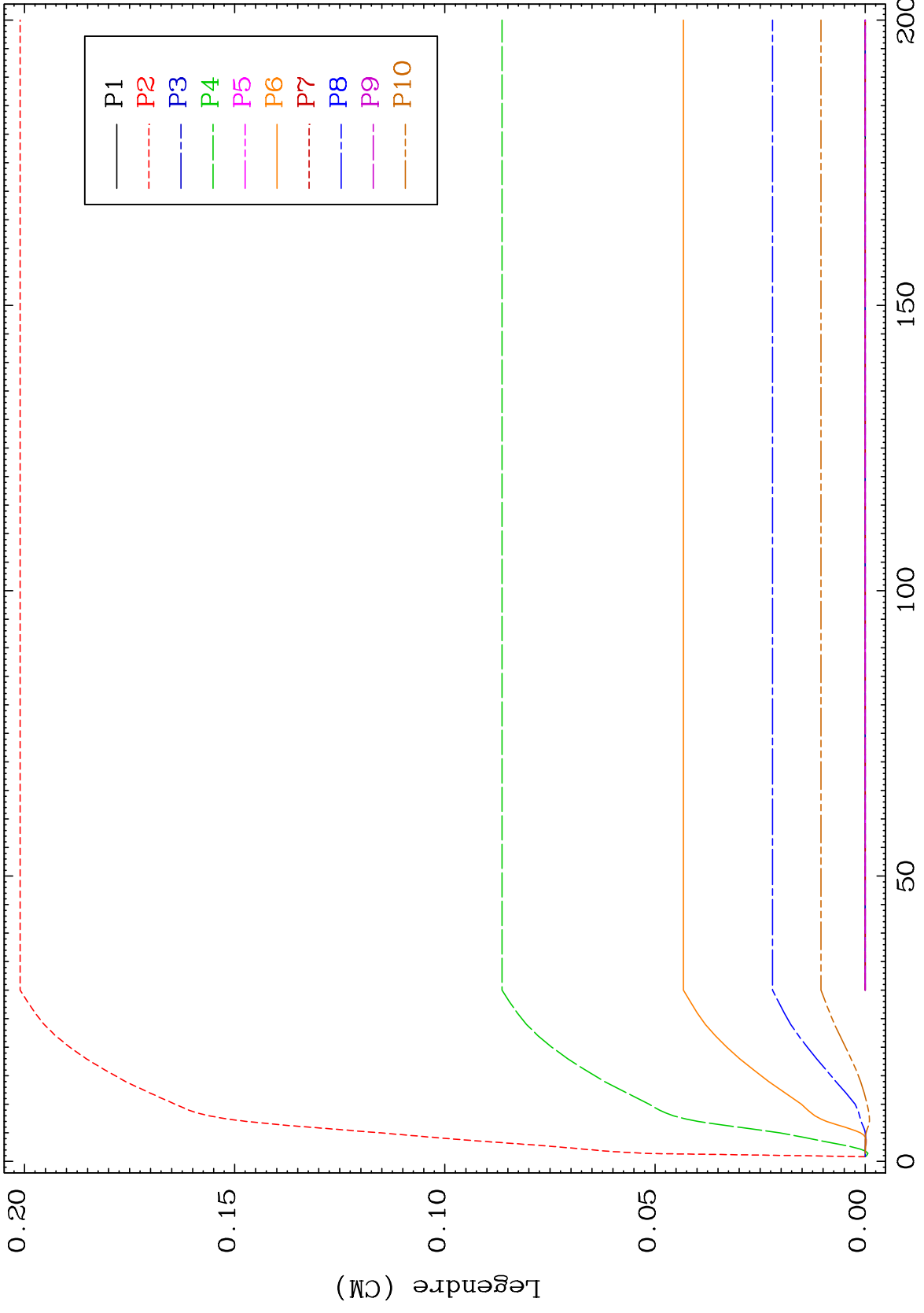
71-Lu-164

MAT 7092 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-164



71-Lu-164

MAT 7092 MT= 57 (n,n') Level Legendre Coefficients 71-Lu-164

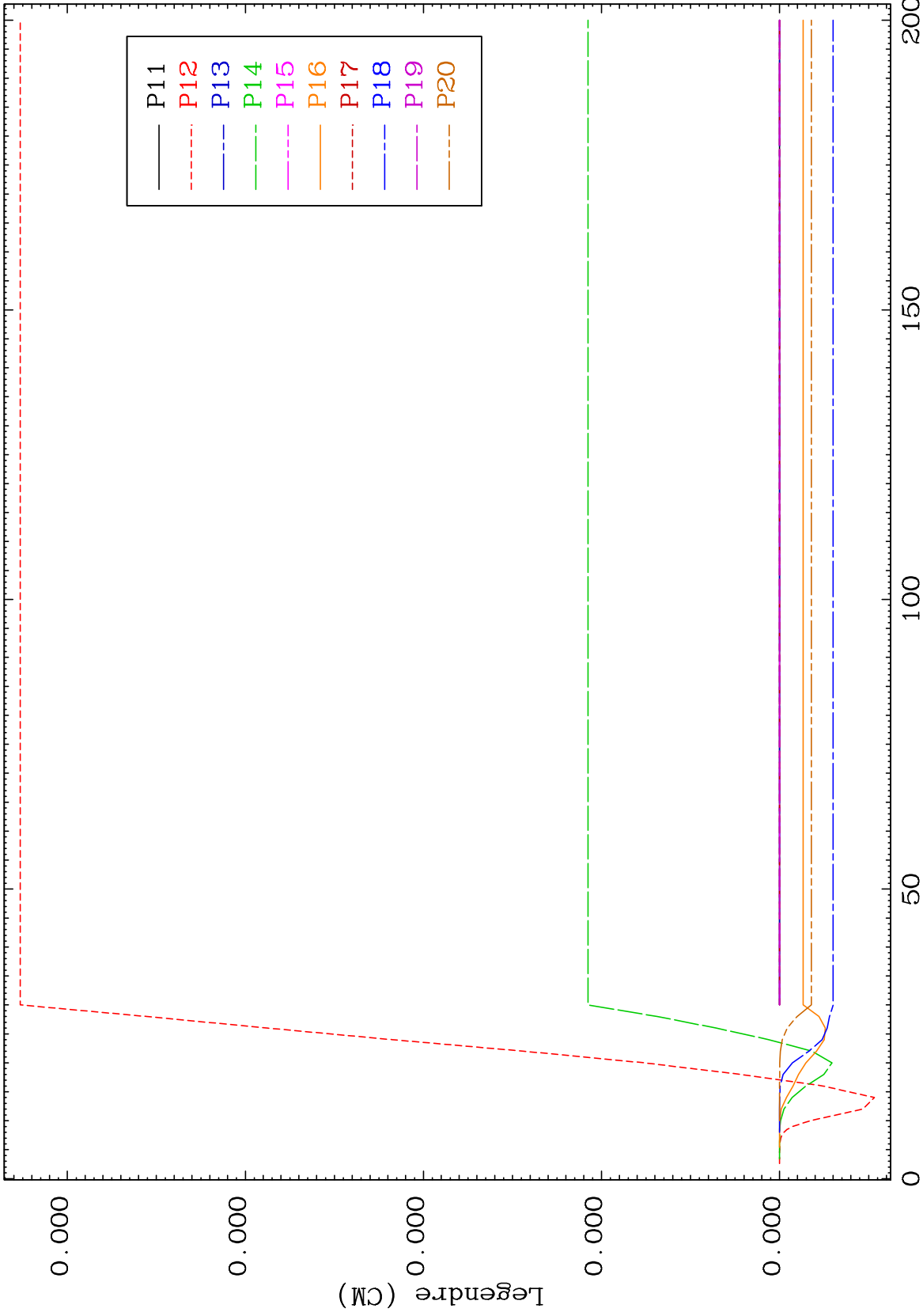


41 71-Lu-164

MAT 7092

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

71-Lu-164



42

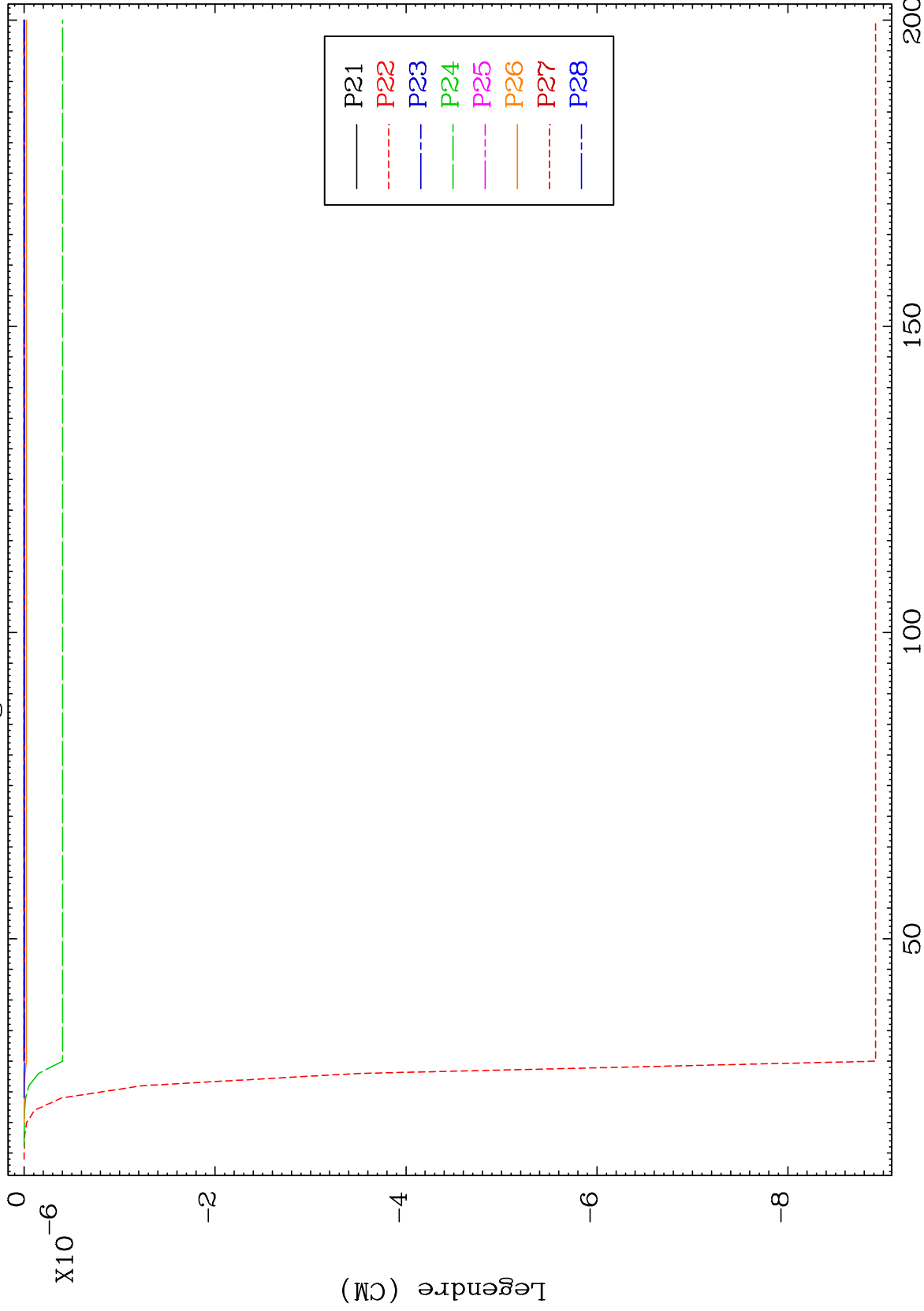
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



43

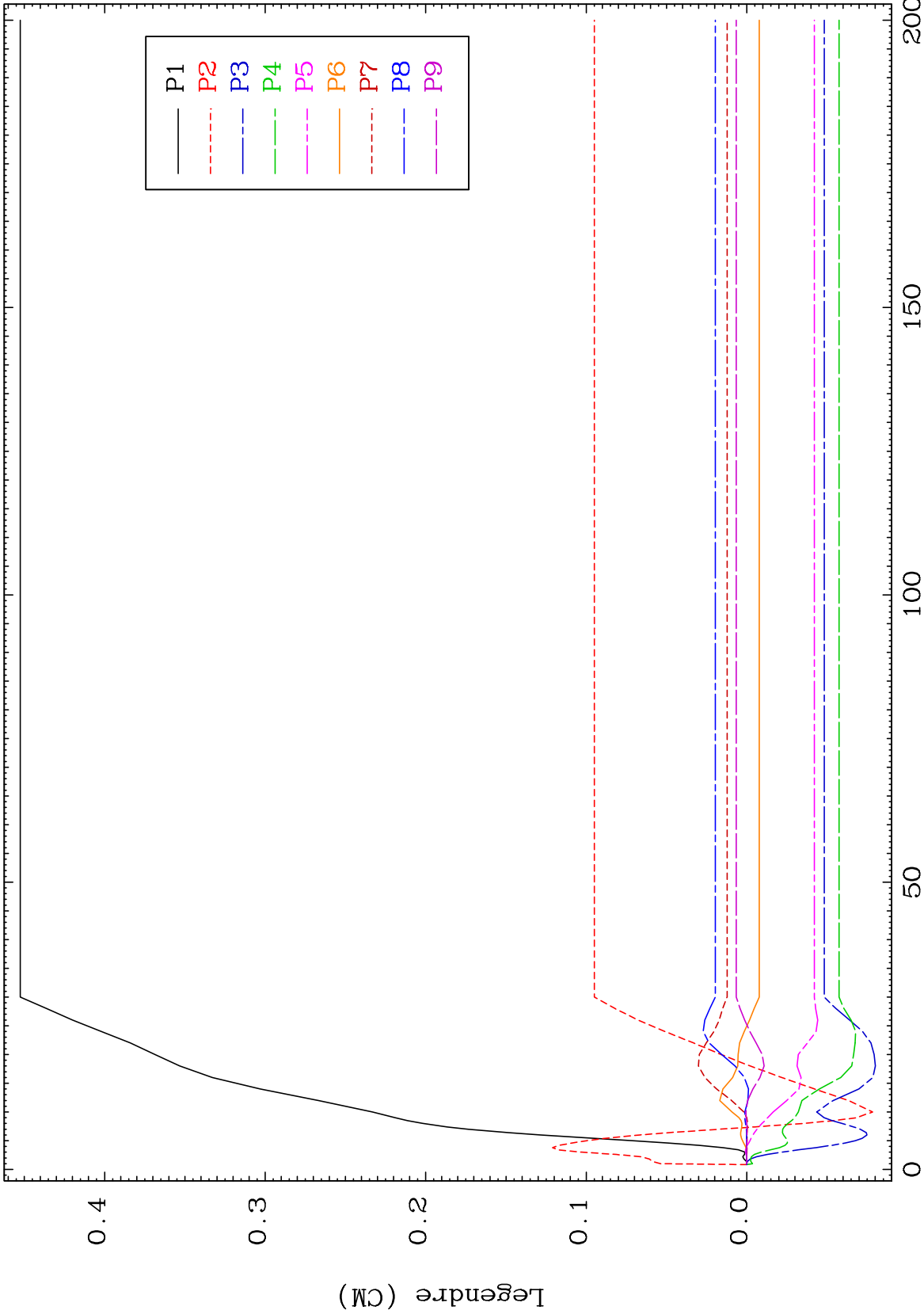
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



44

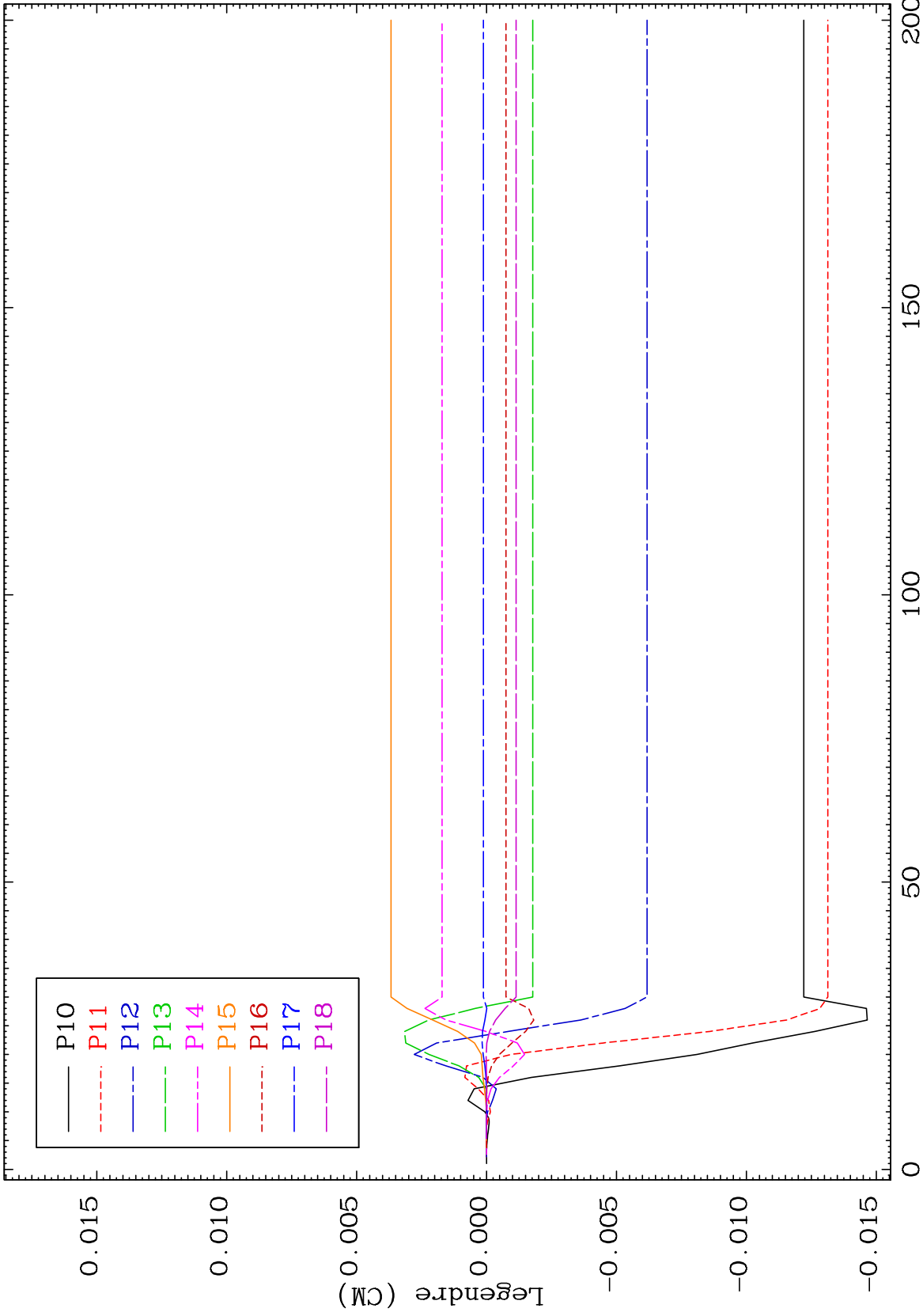
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



45

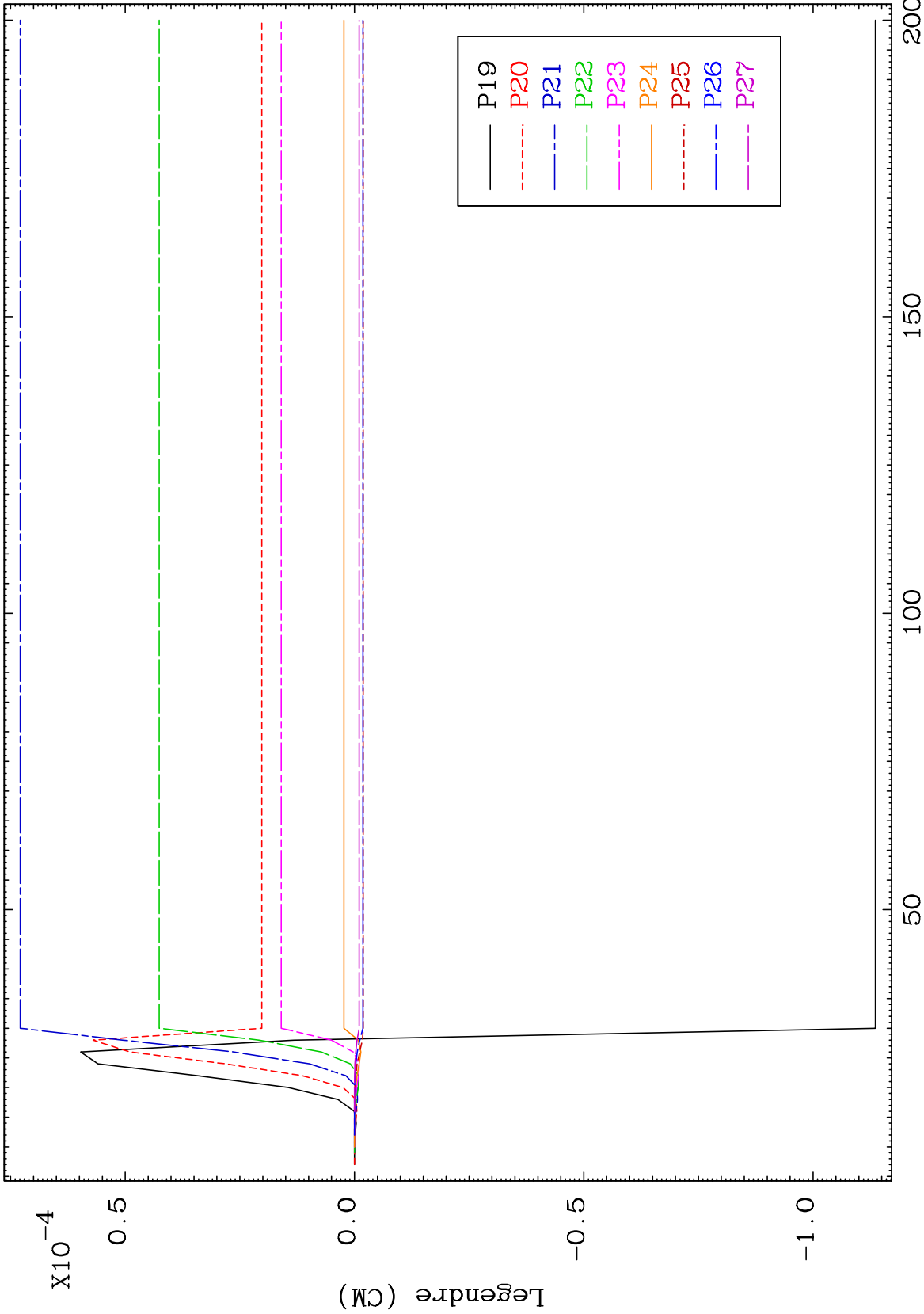
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



46

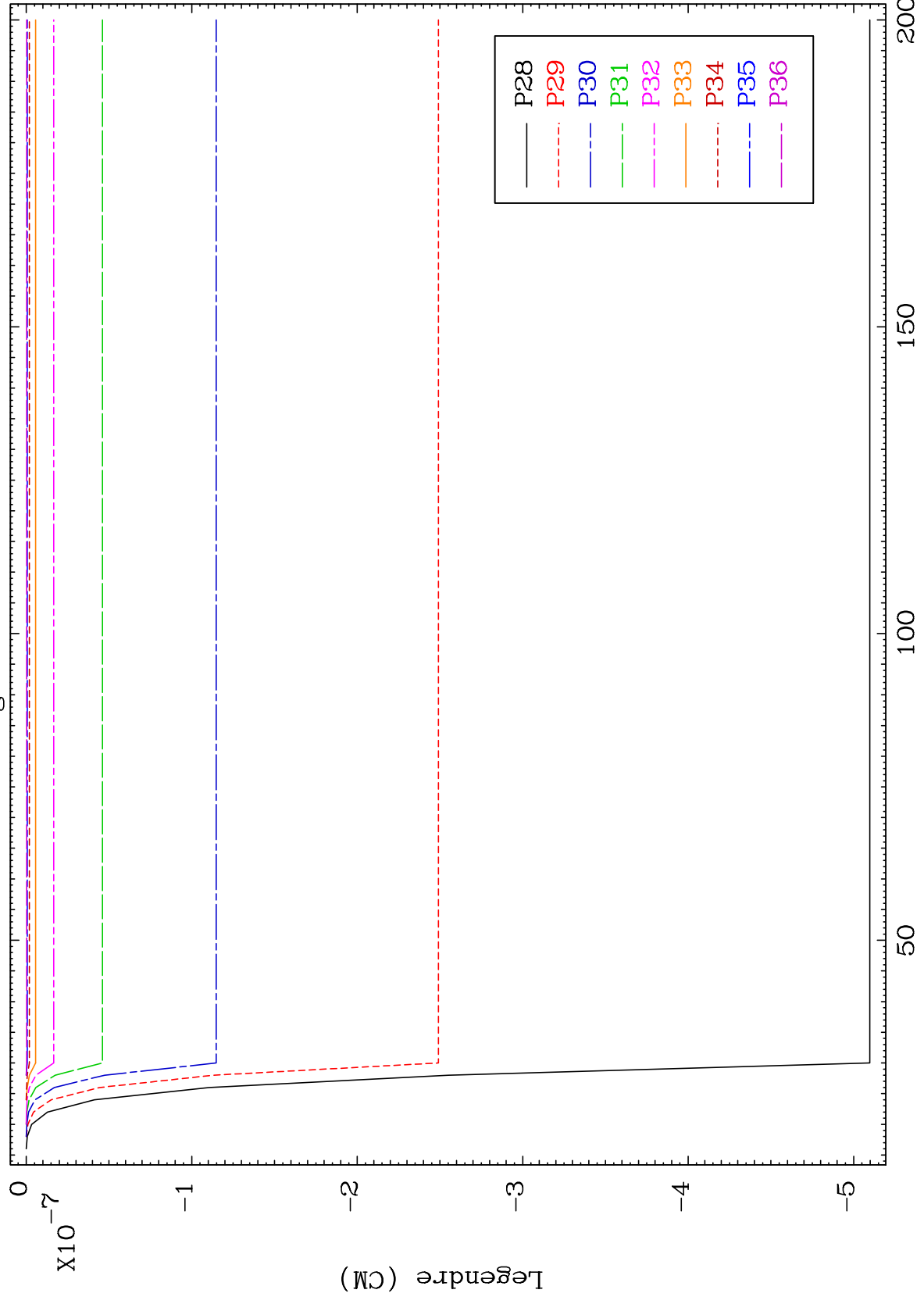
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

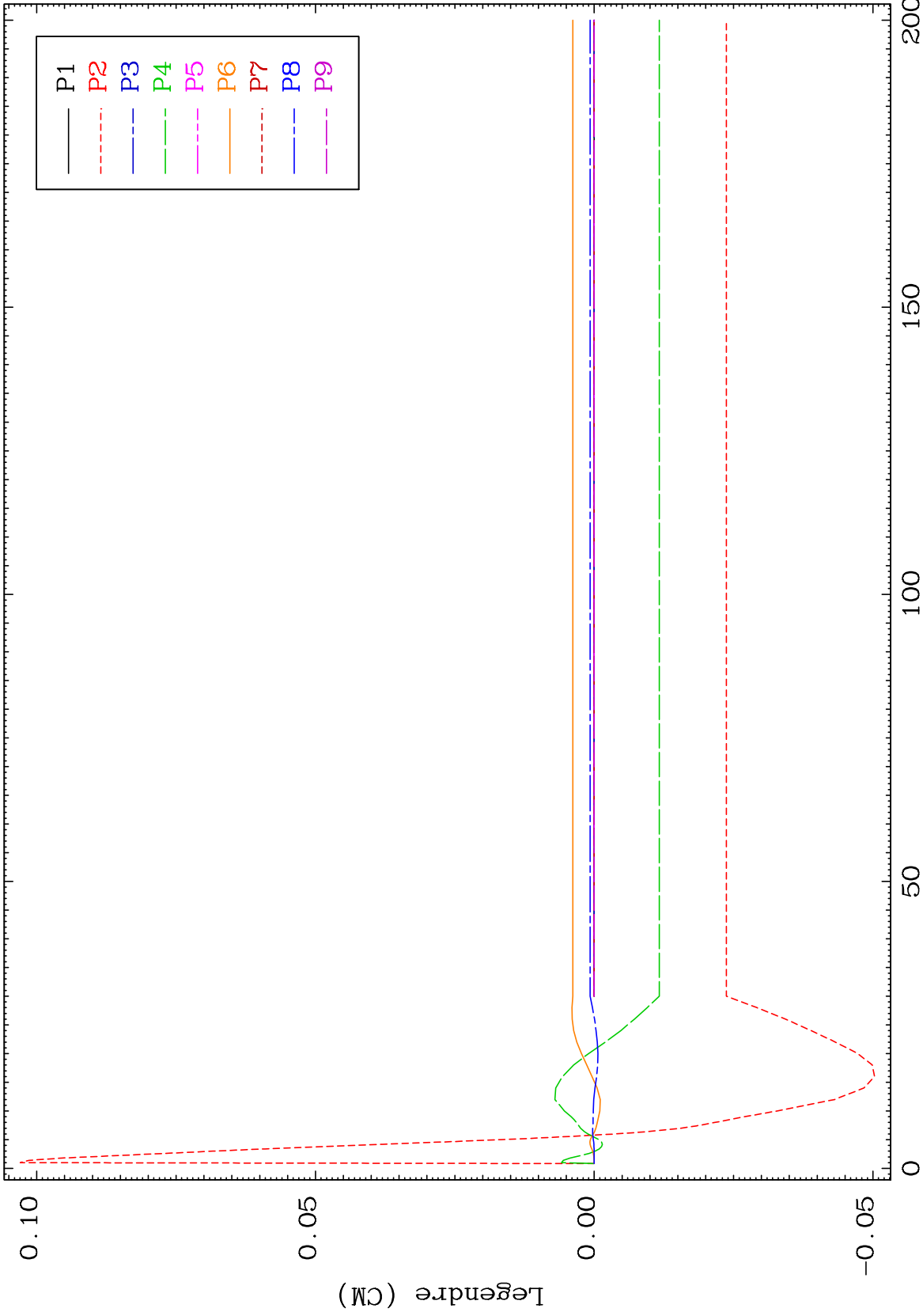
Incident Energy (MeV)

47

MAT 7092

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

71-Lu-164



48

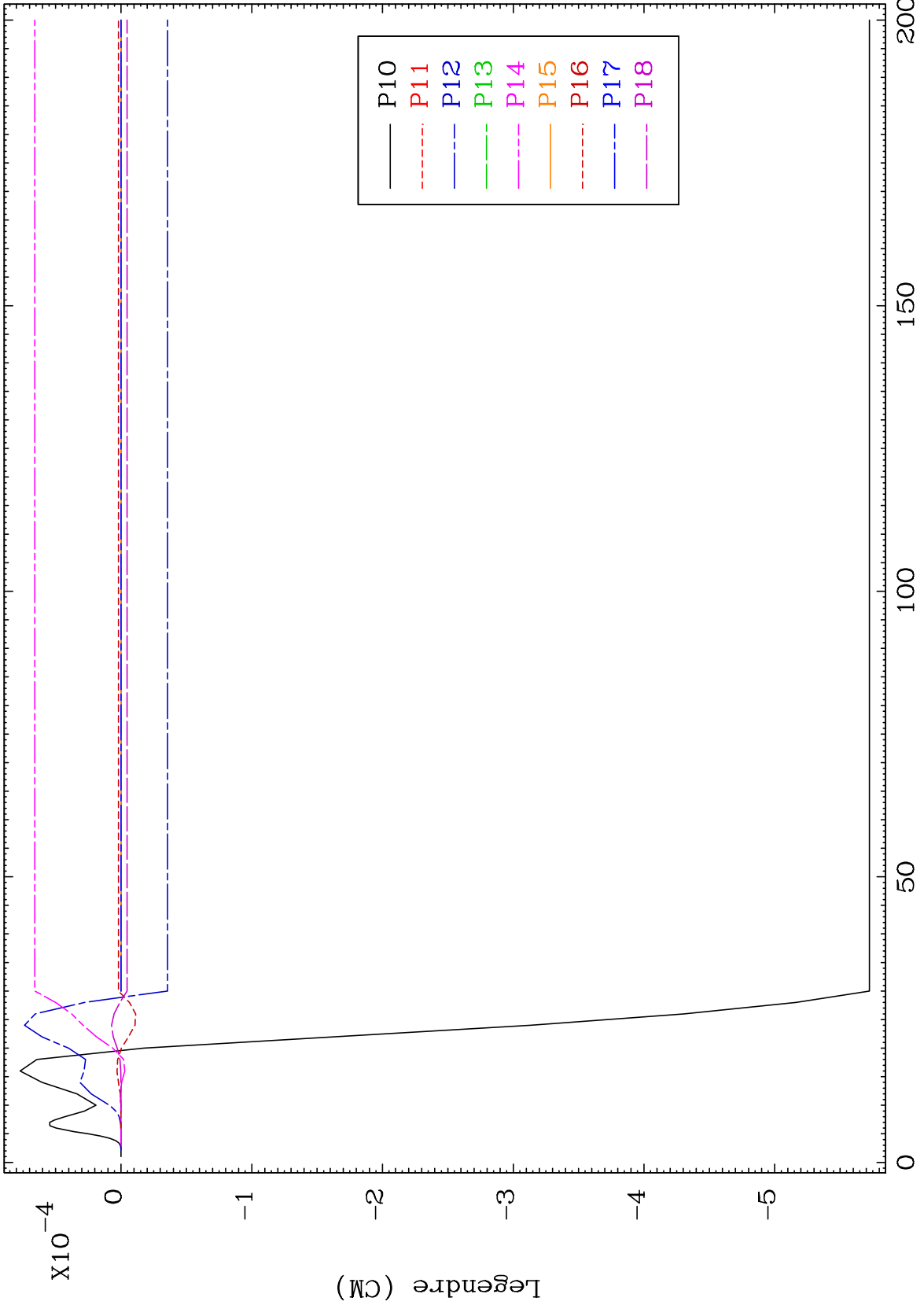
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

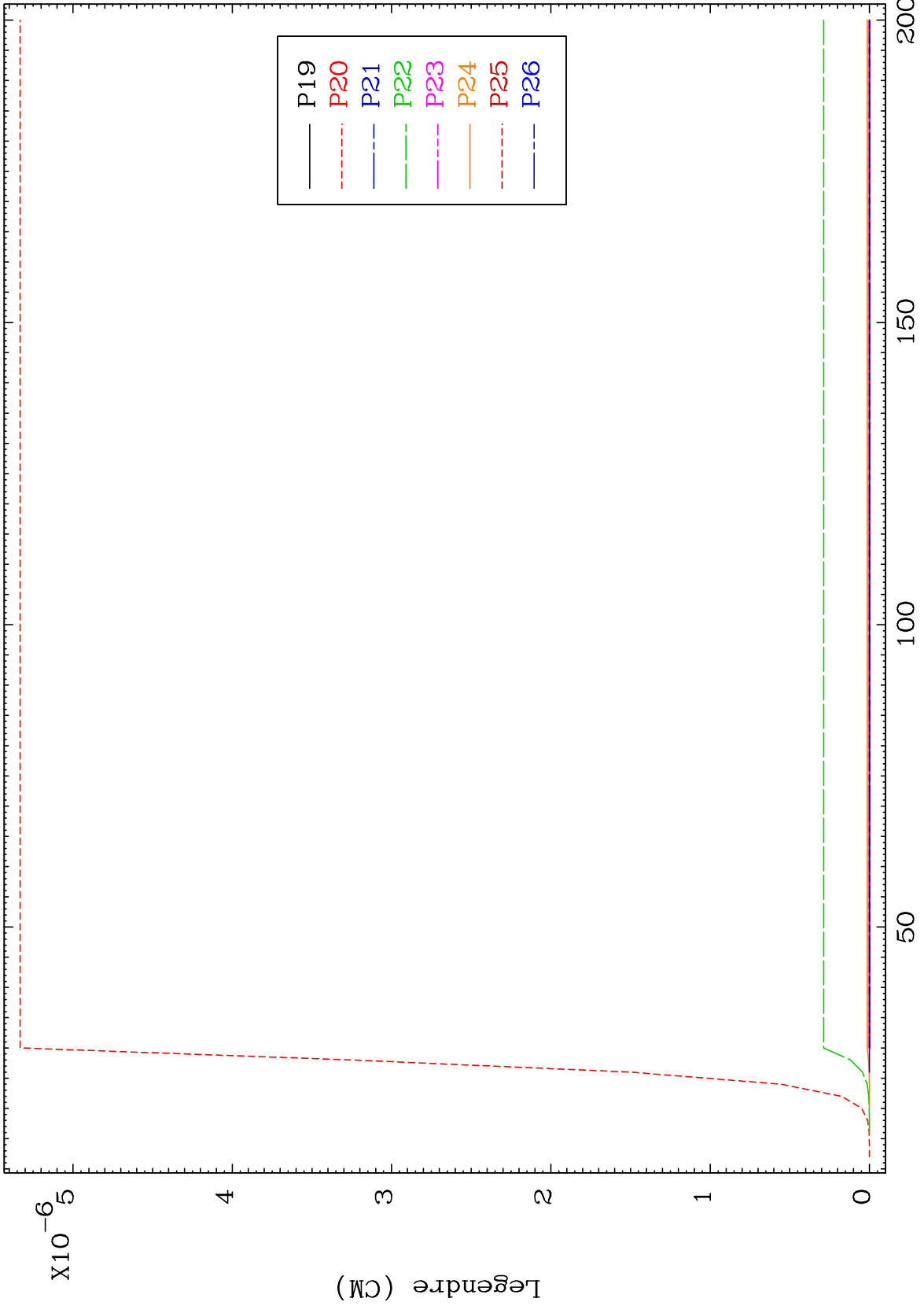


49

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 59 (n,n') Level Legendre Coefficients 71-Lu-164

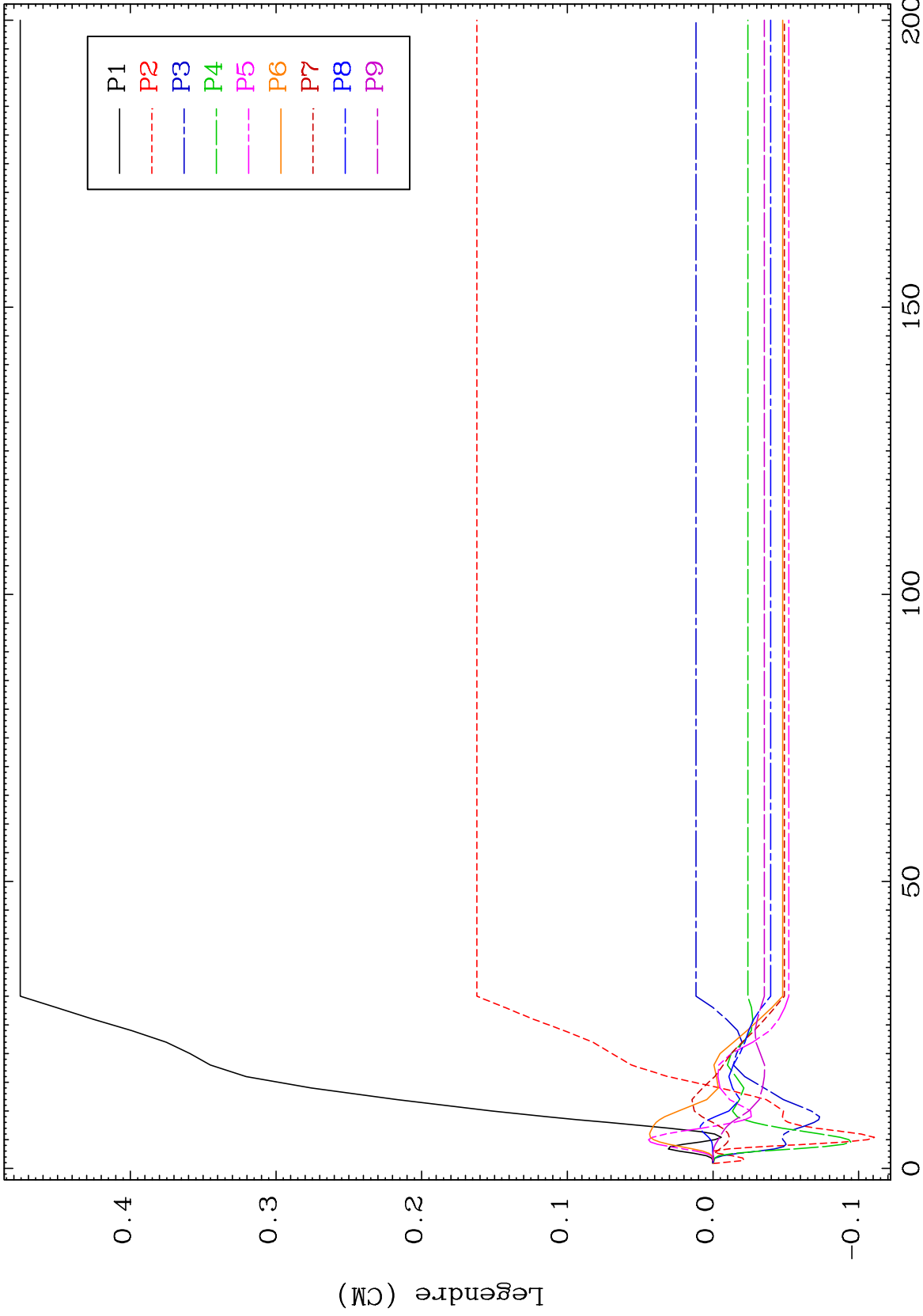


71-Lu-164

MAT 7092

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

71-Lu-164



51

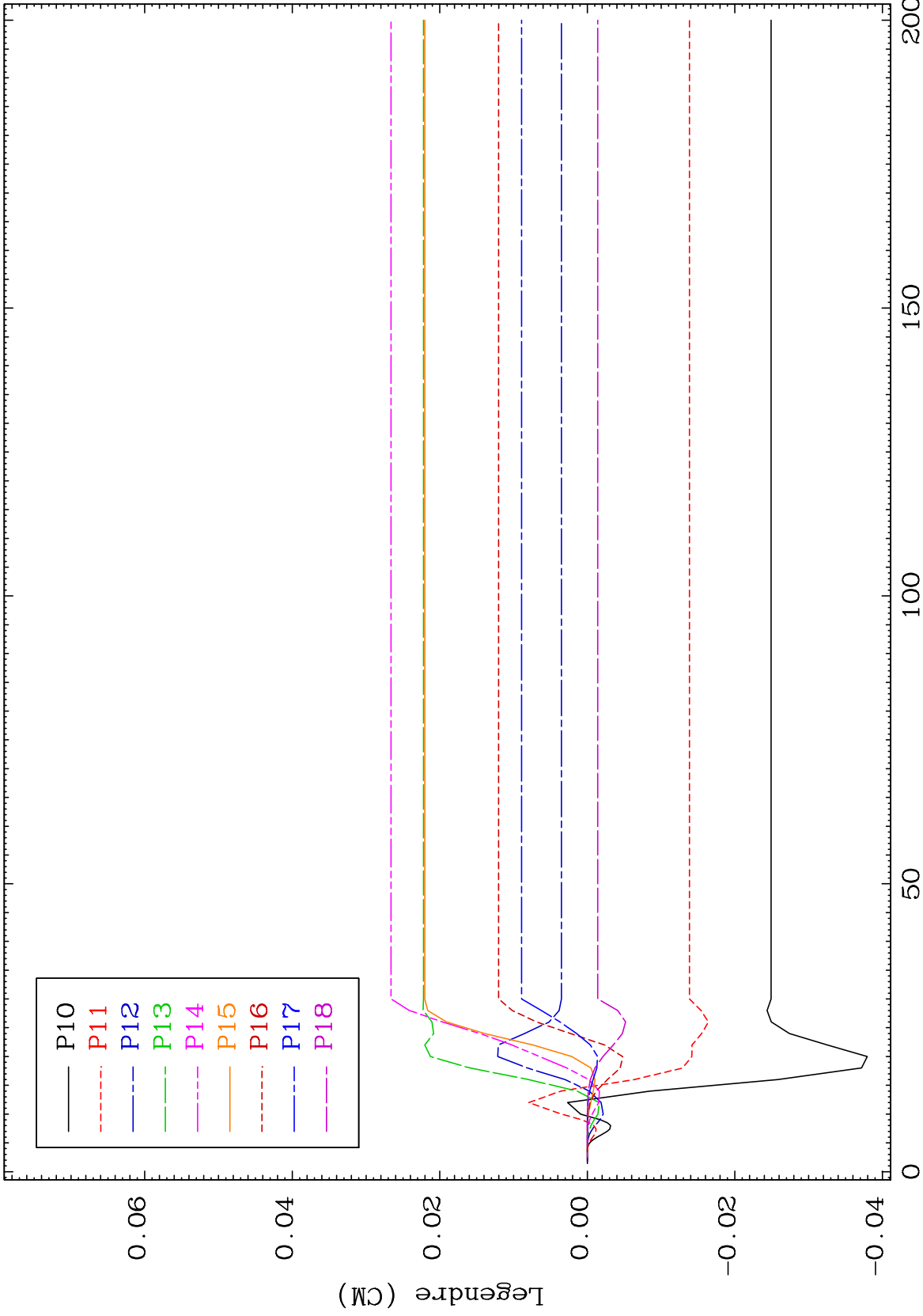
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



52

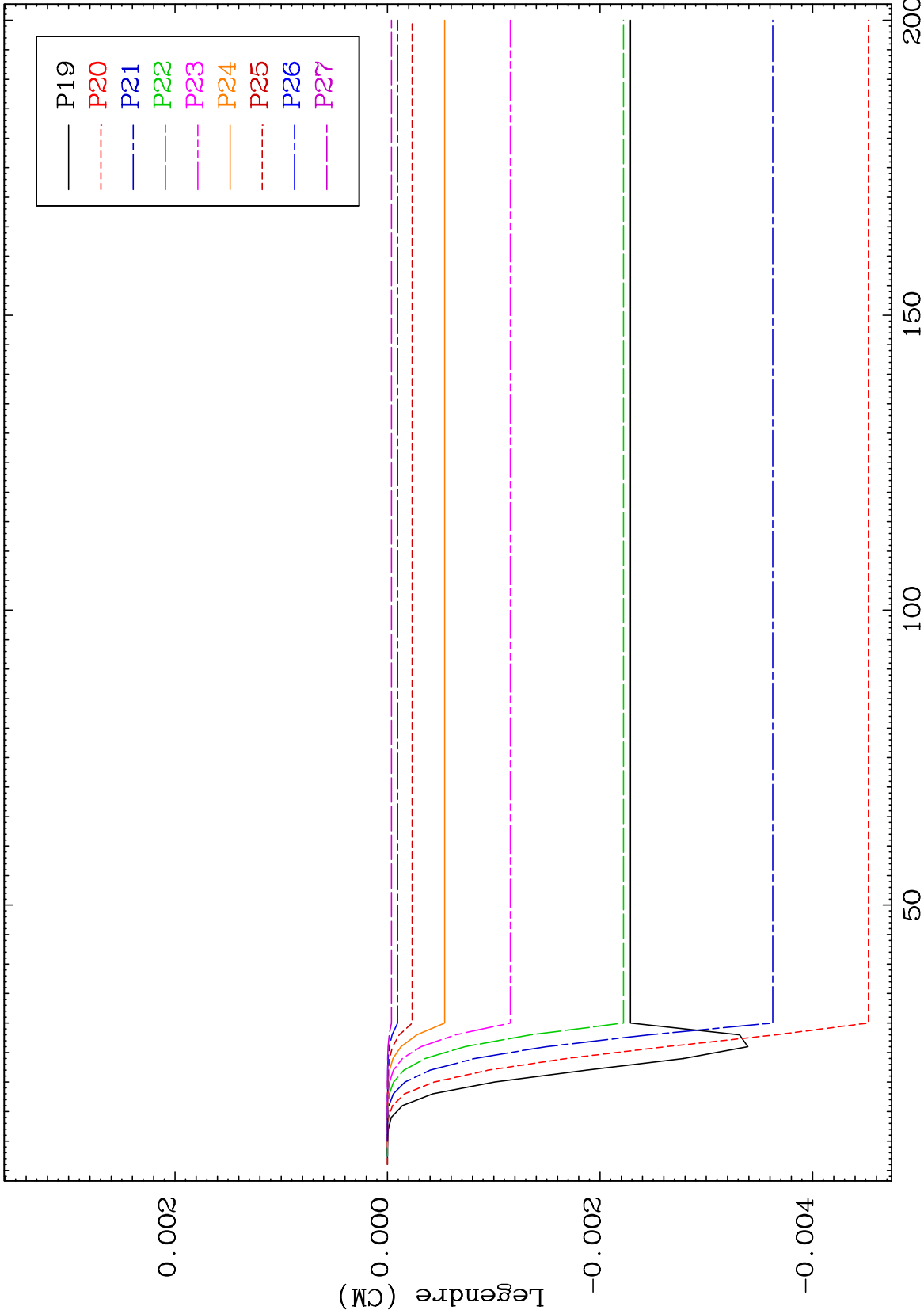
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

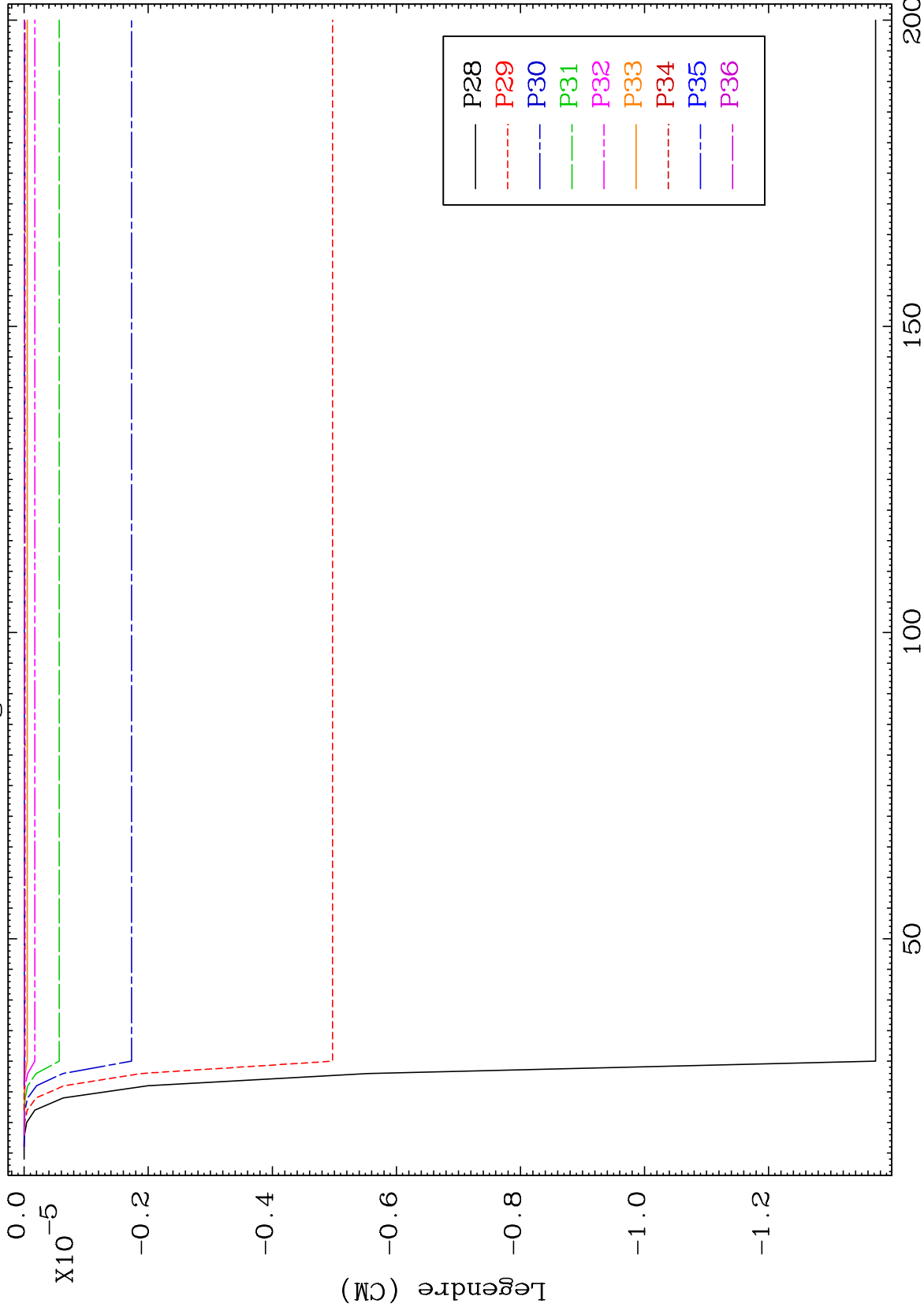
71-Lu-164



53

Incident Energy (MeV)

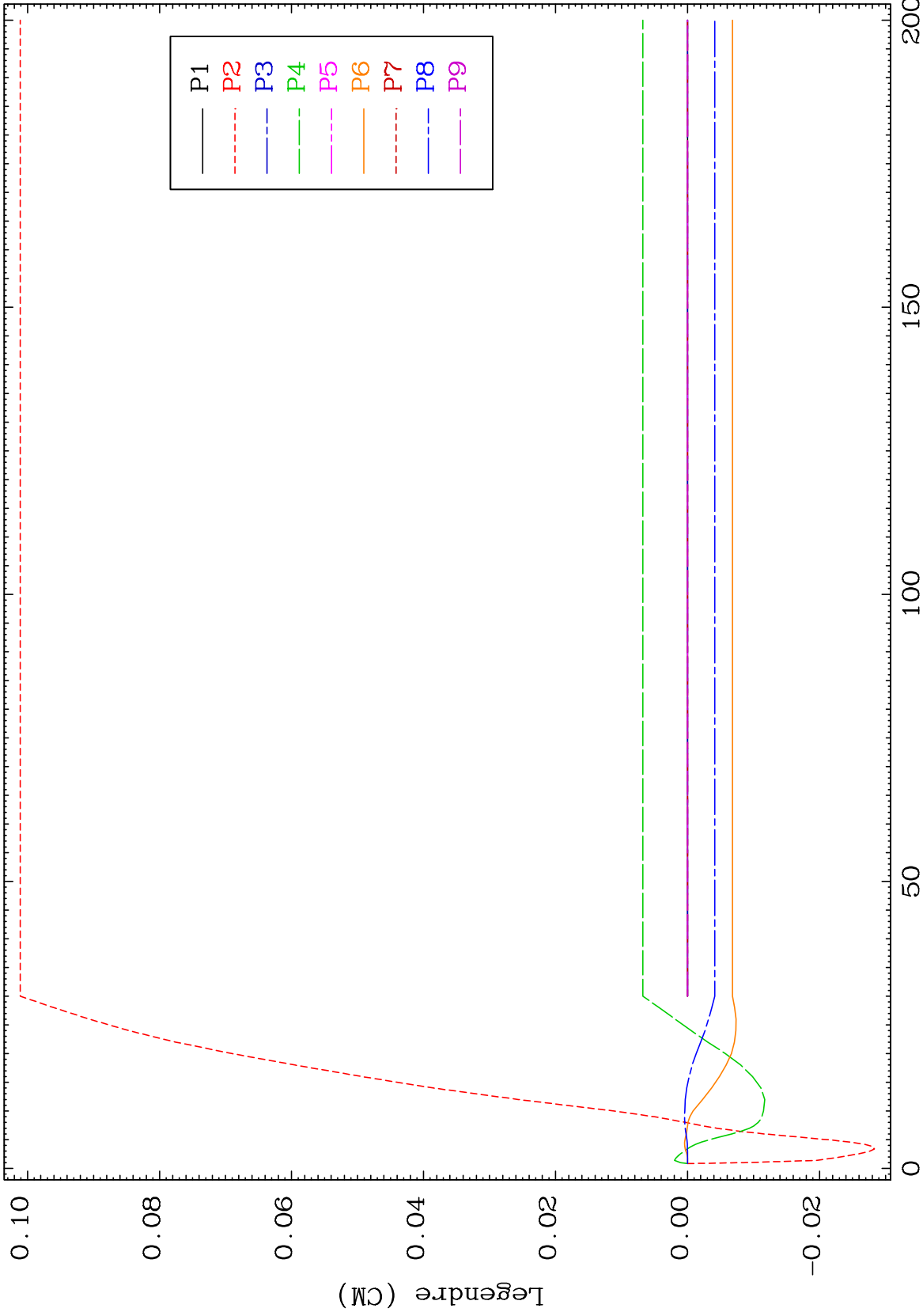
71-Lu-164



MAT 7092

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

71-Lu-164



71-Lu-164

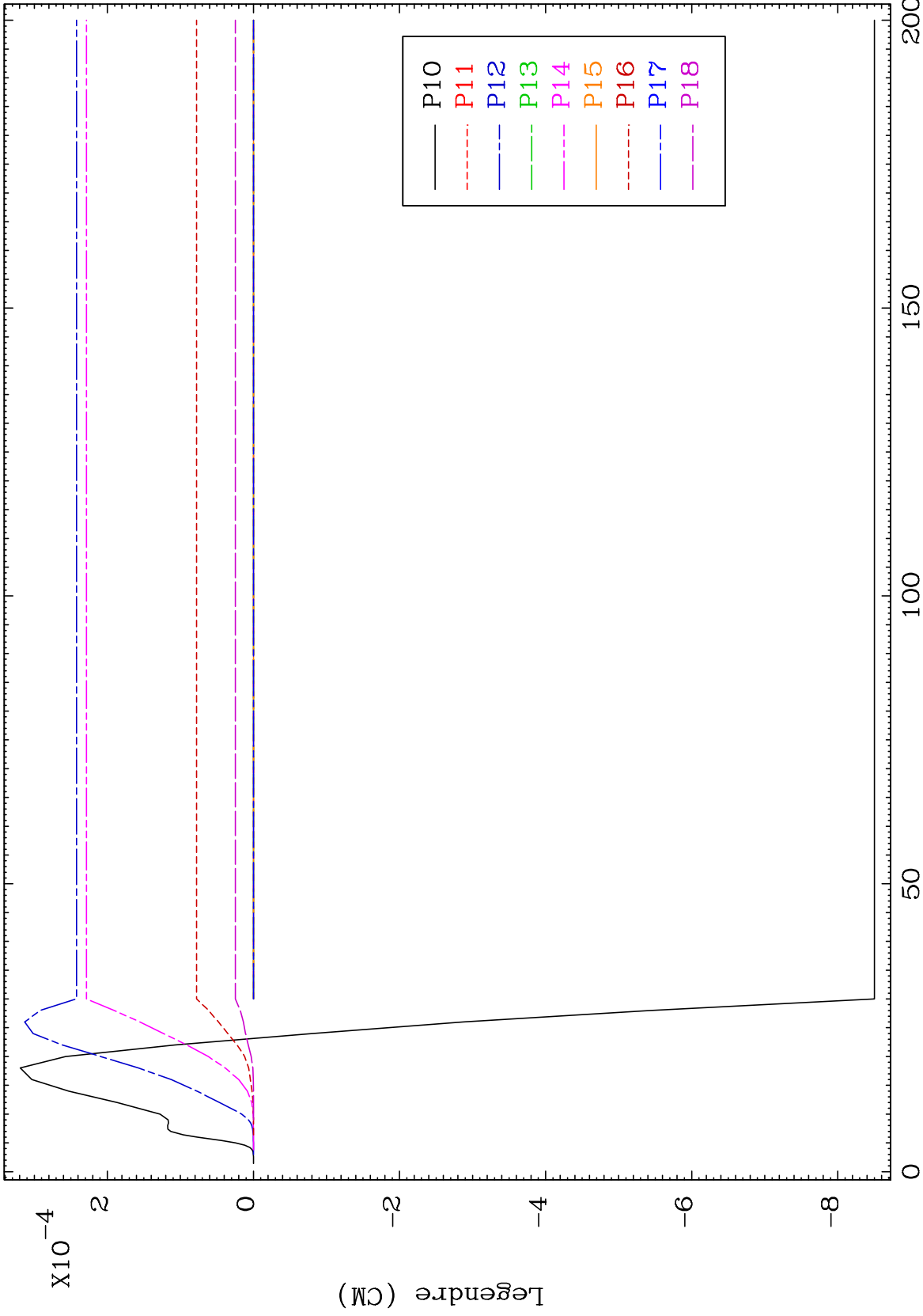
Incident Energy (MeV)

55

MAT 7092

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

71-Lu-164



56

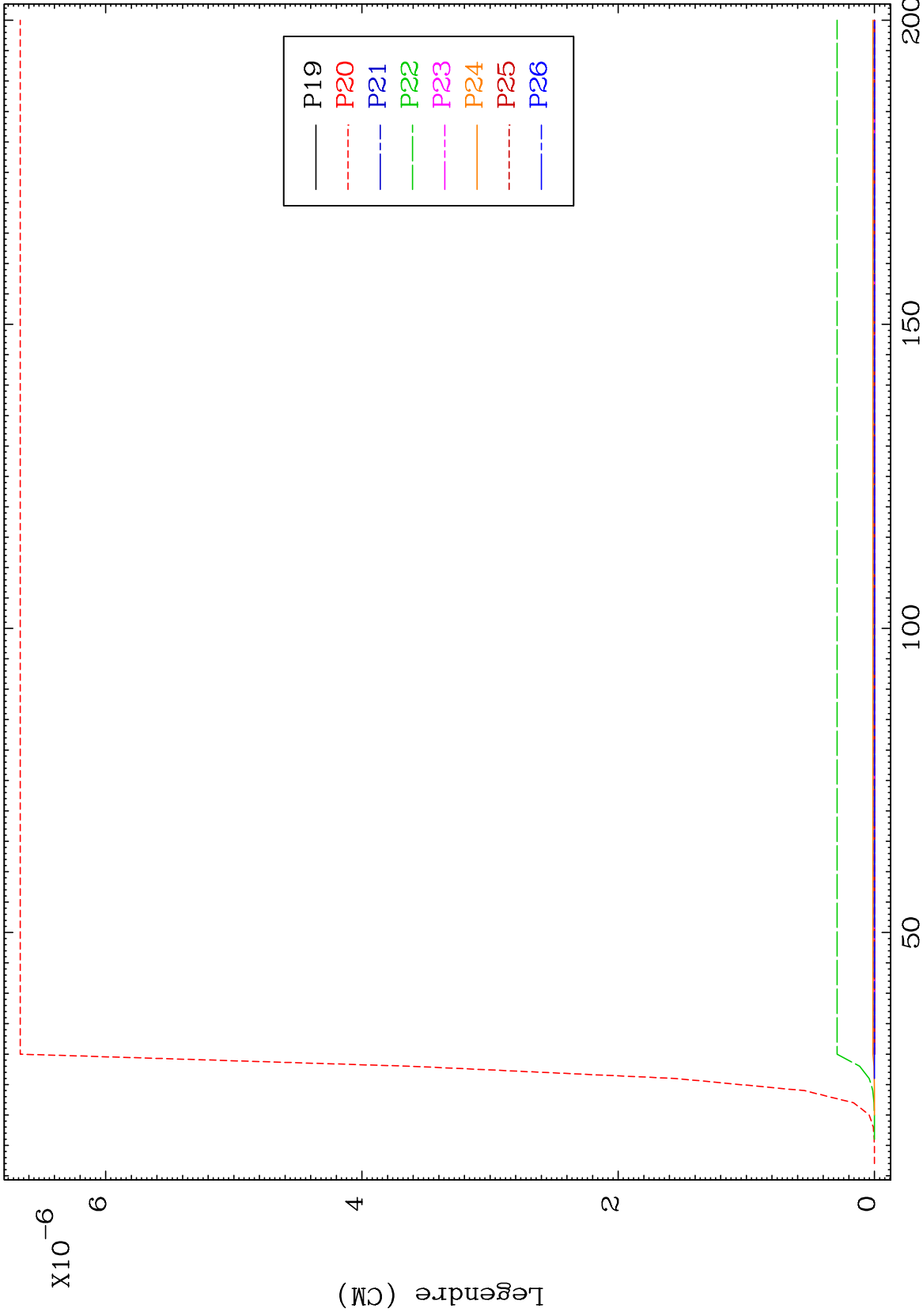
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



57

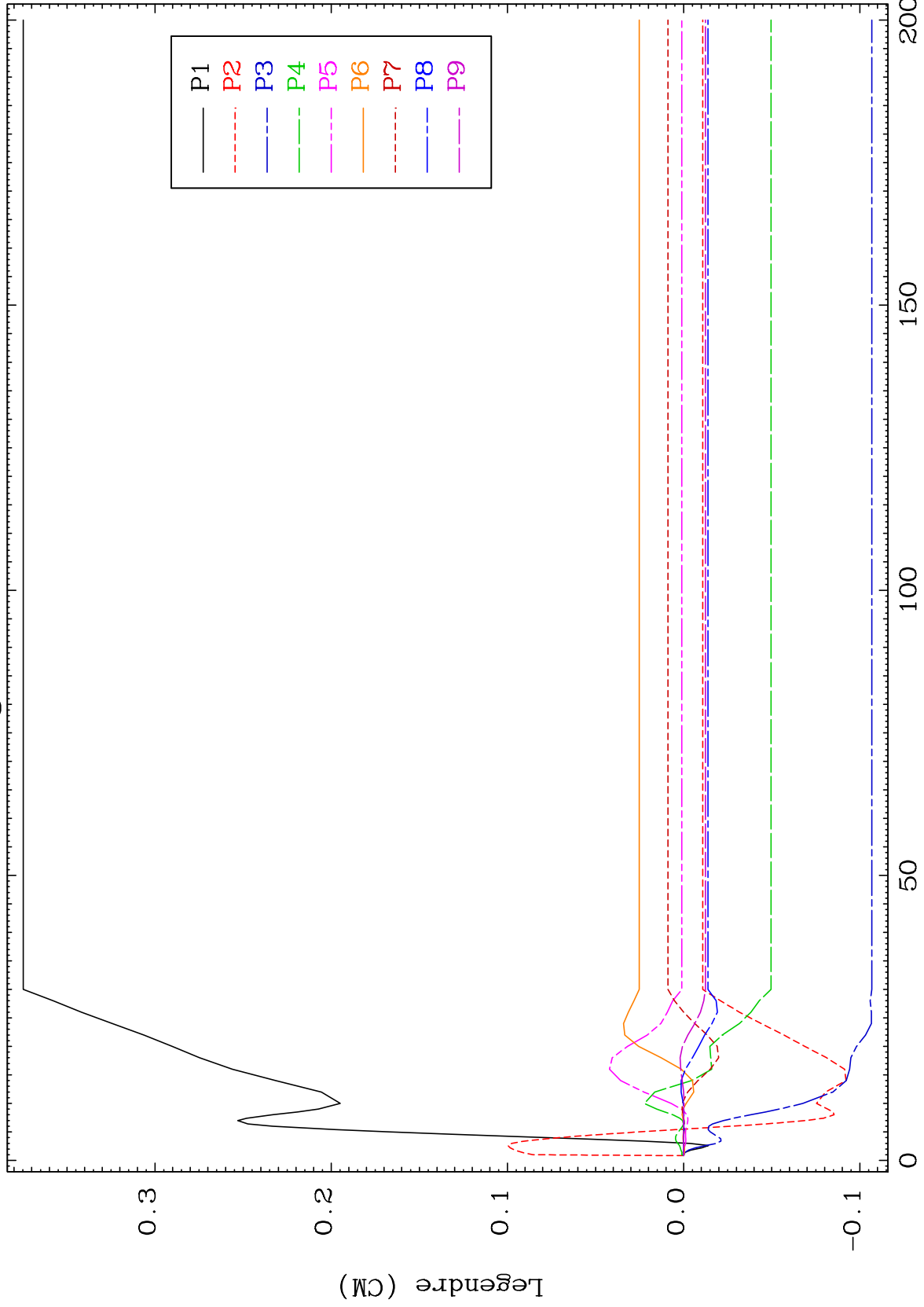
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



58

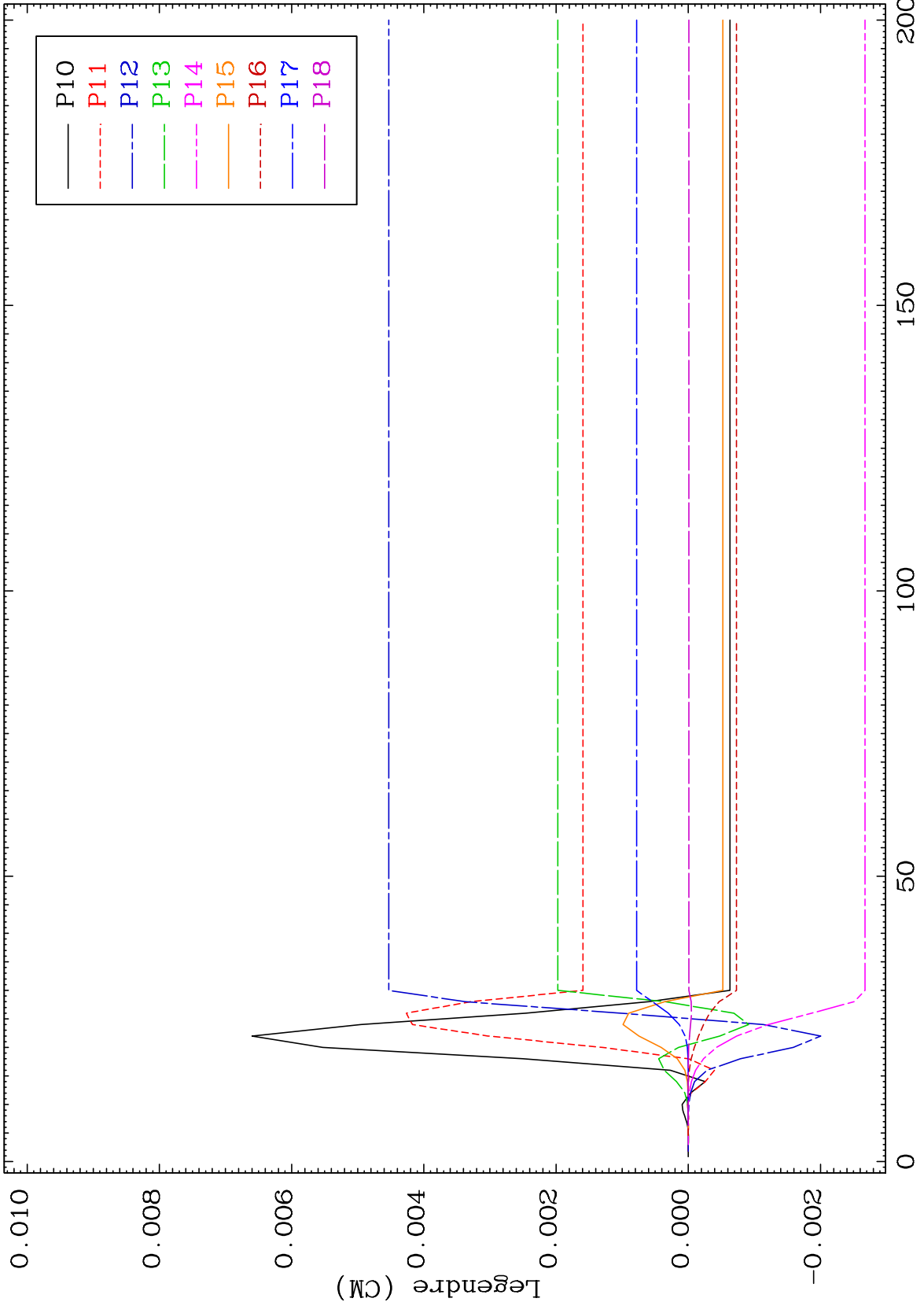
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



59

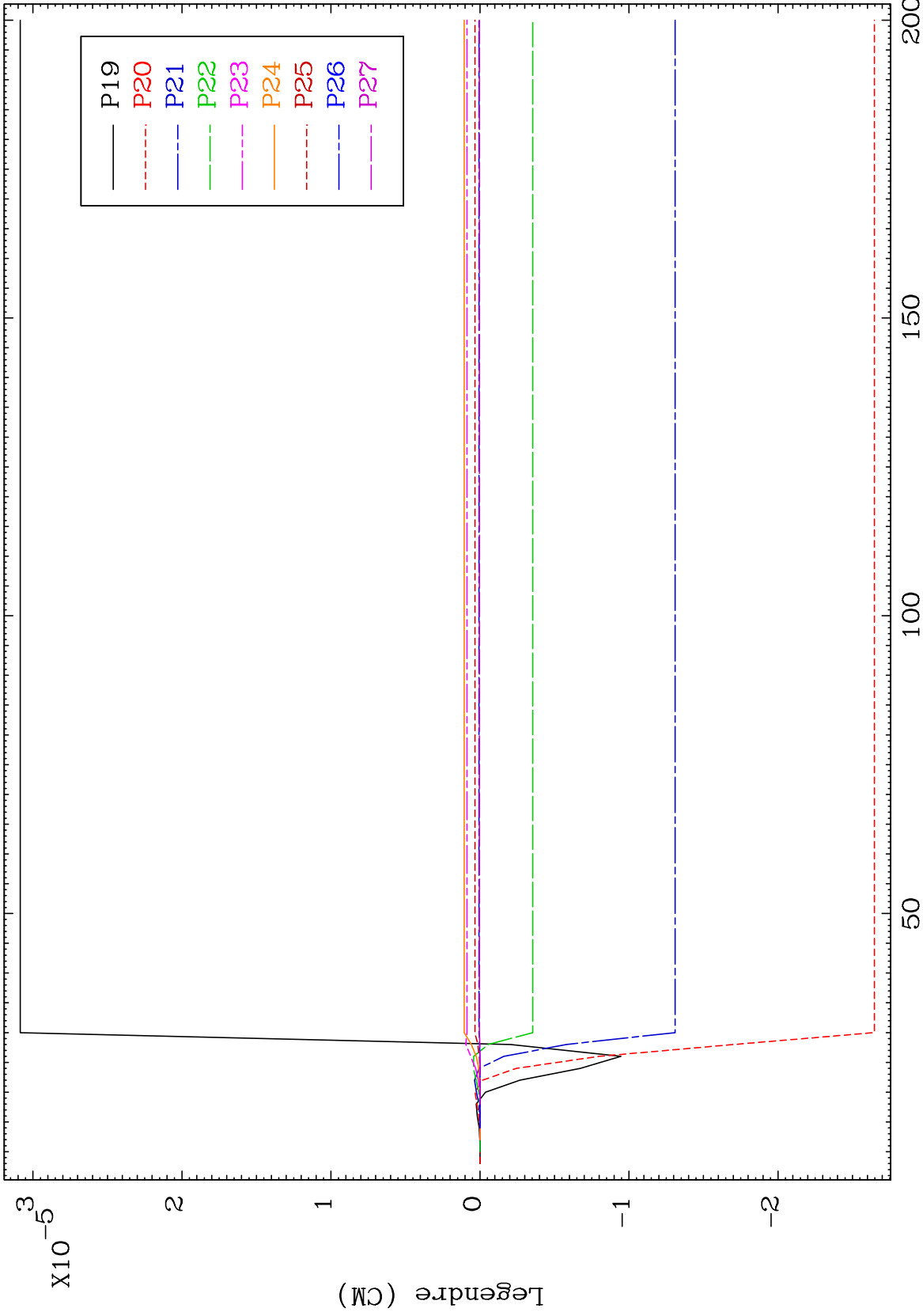
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



60

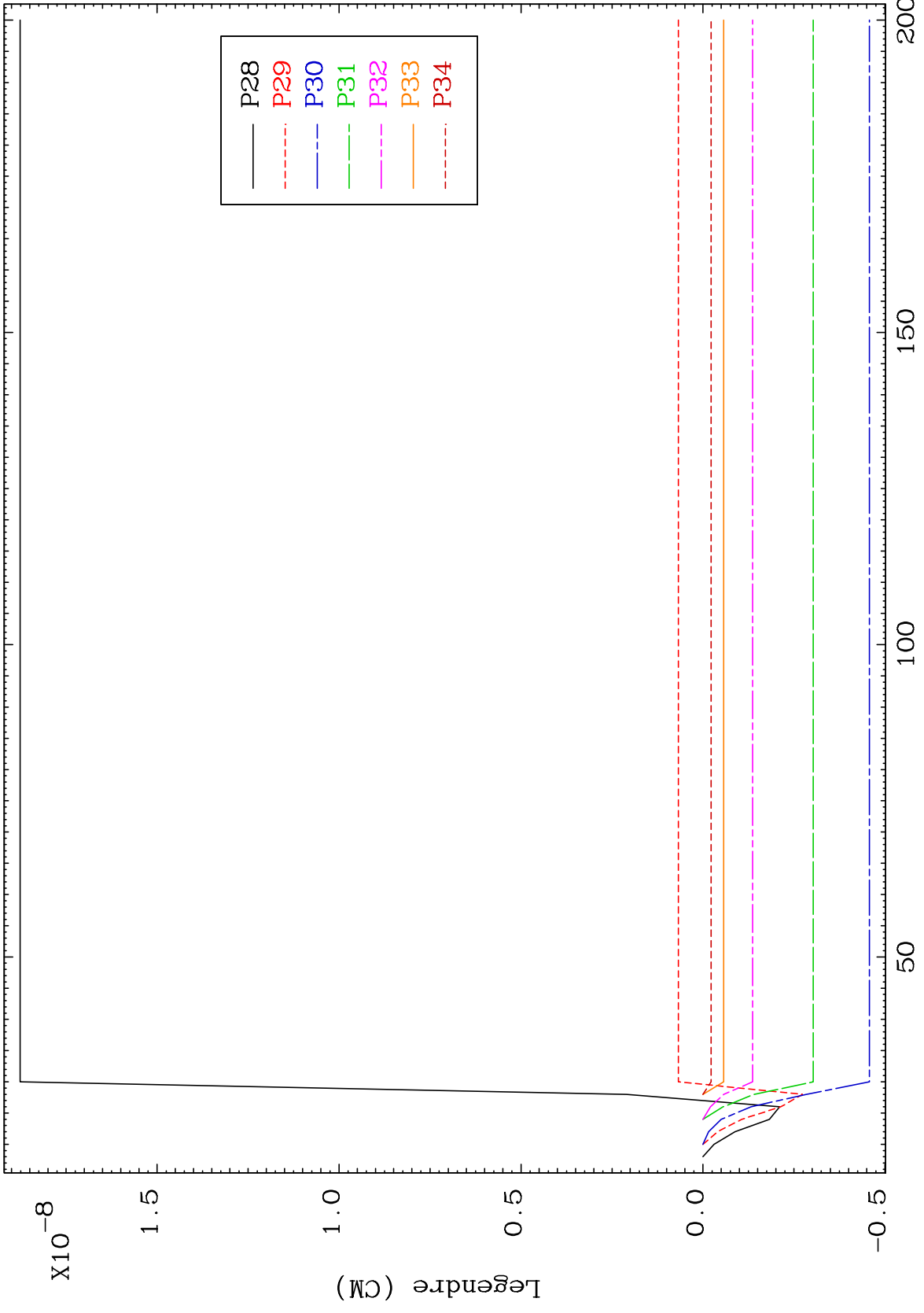
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



61

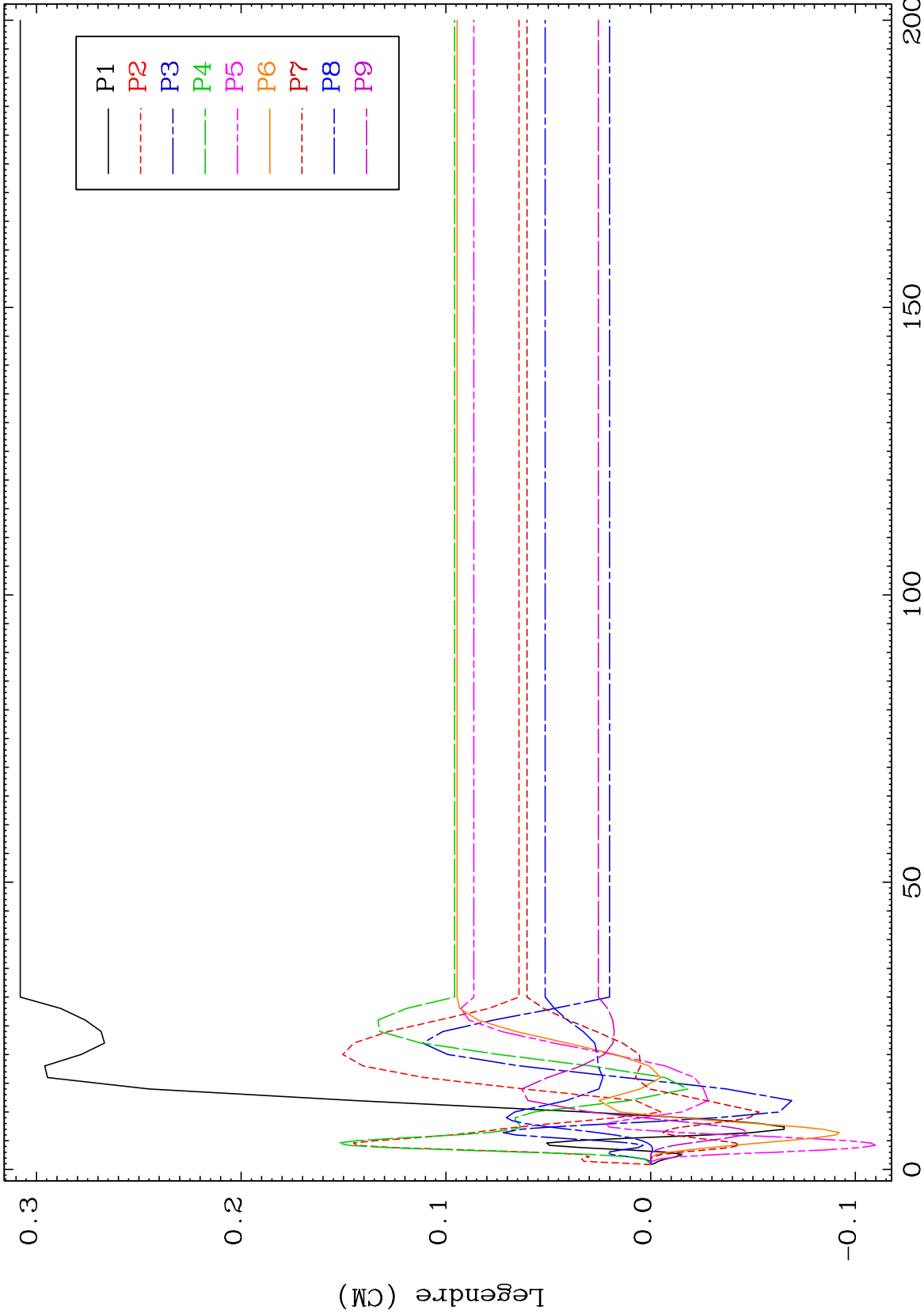
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

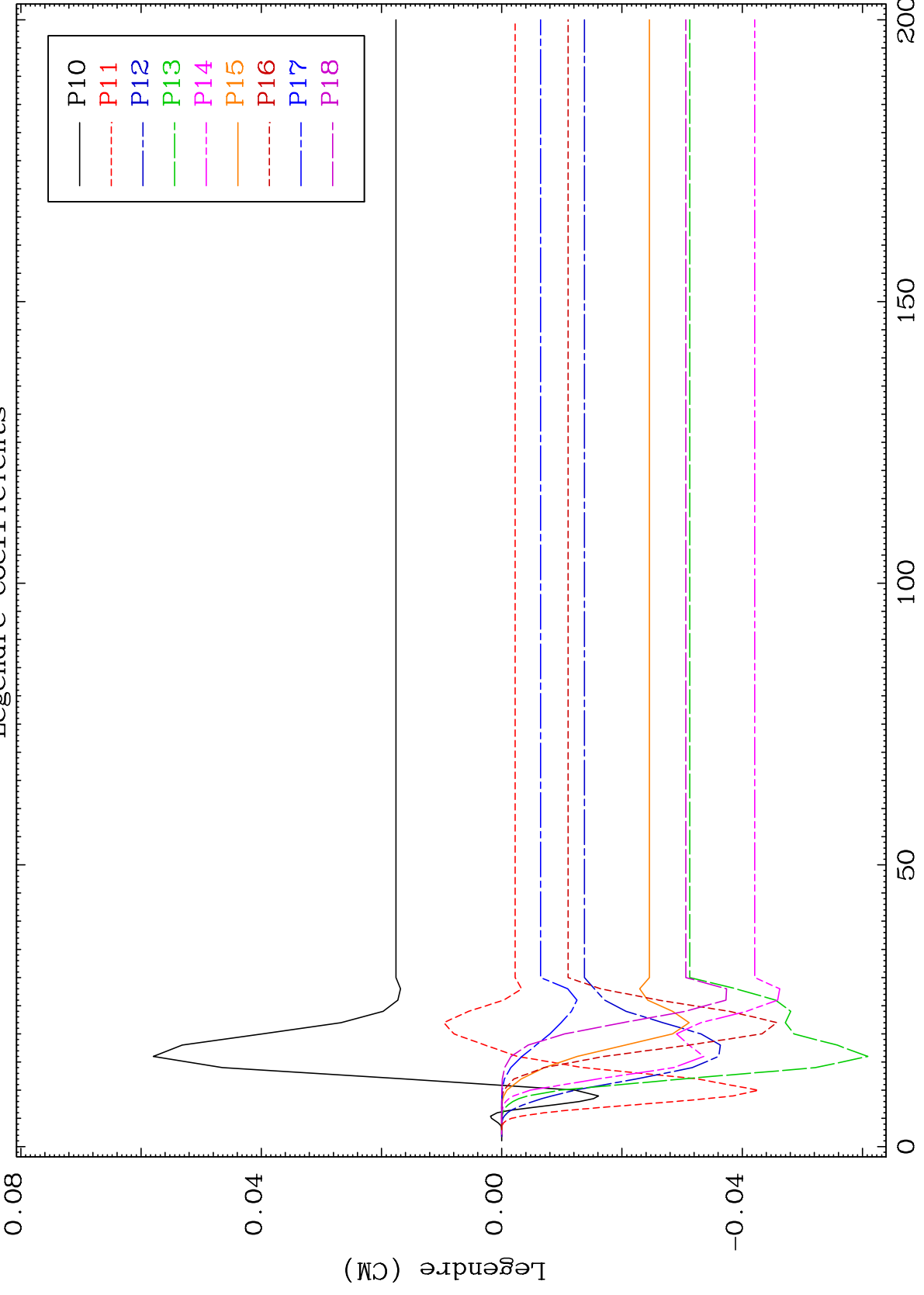


62

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 63 (n,n') Level Legendre Coefficients 71-Lu-164

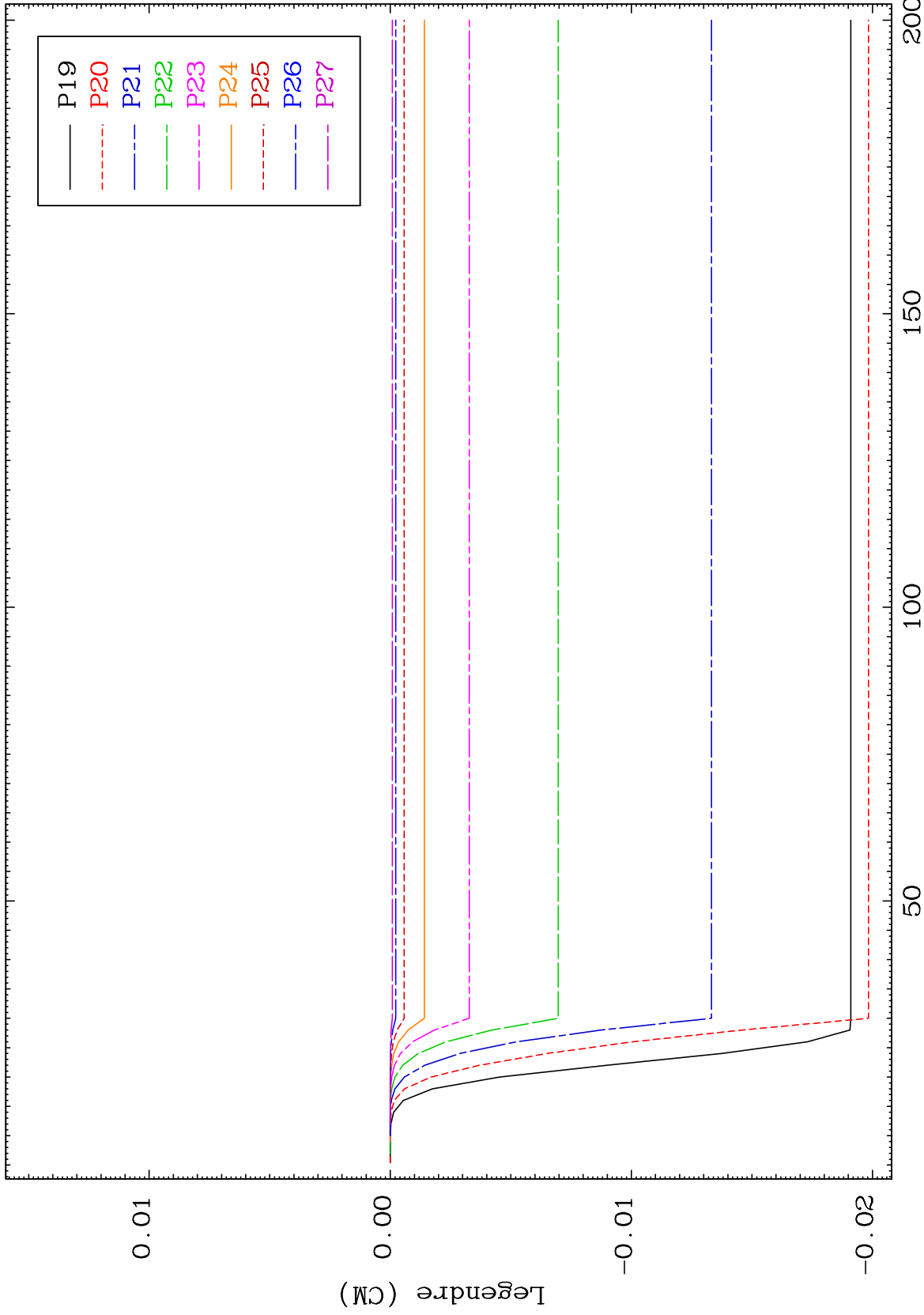


63 71-Lu-164

MAT 7092

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

71-Lu-164



64

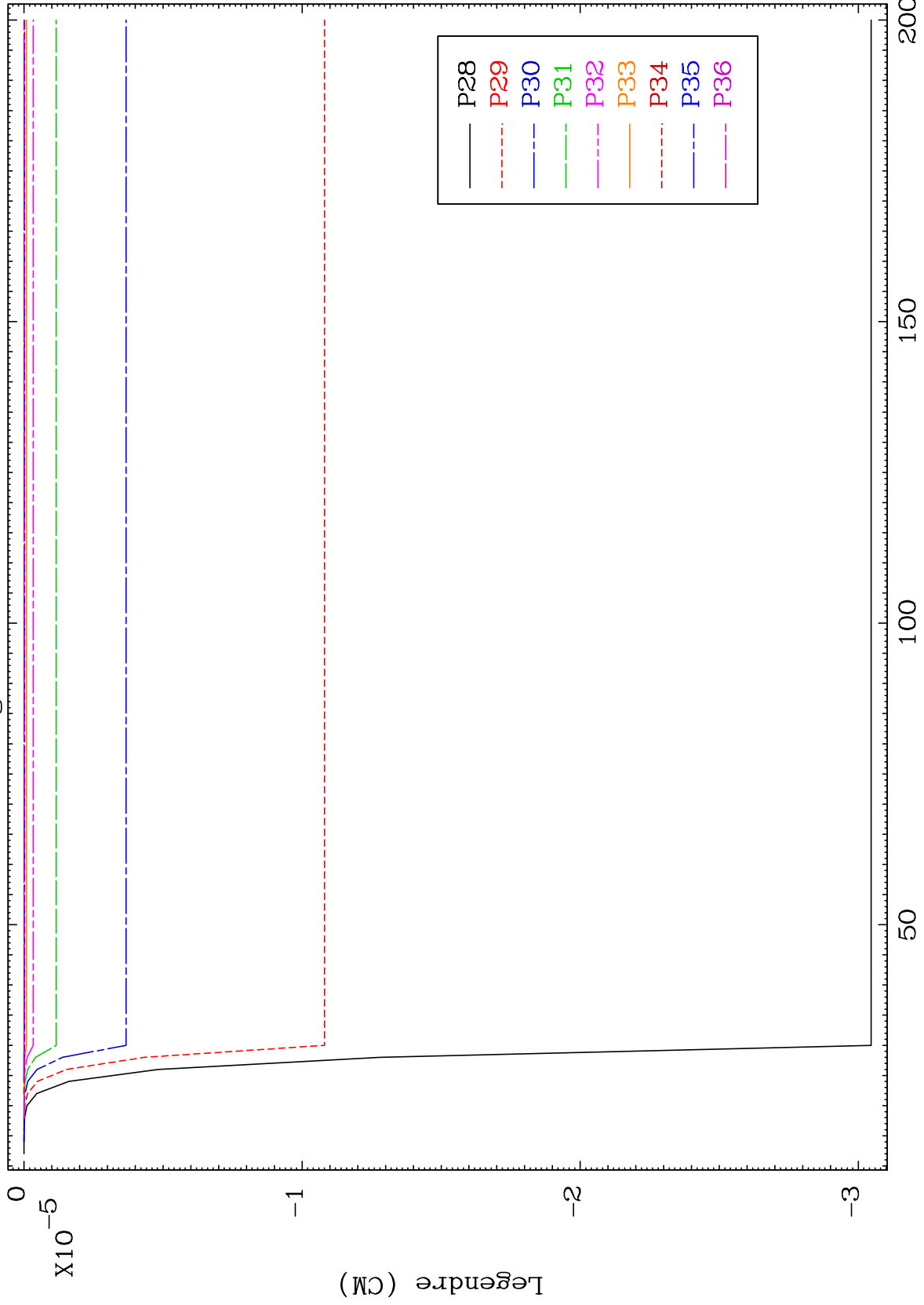
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

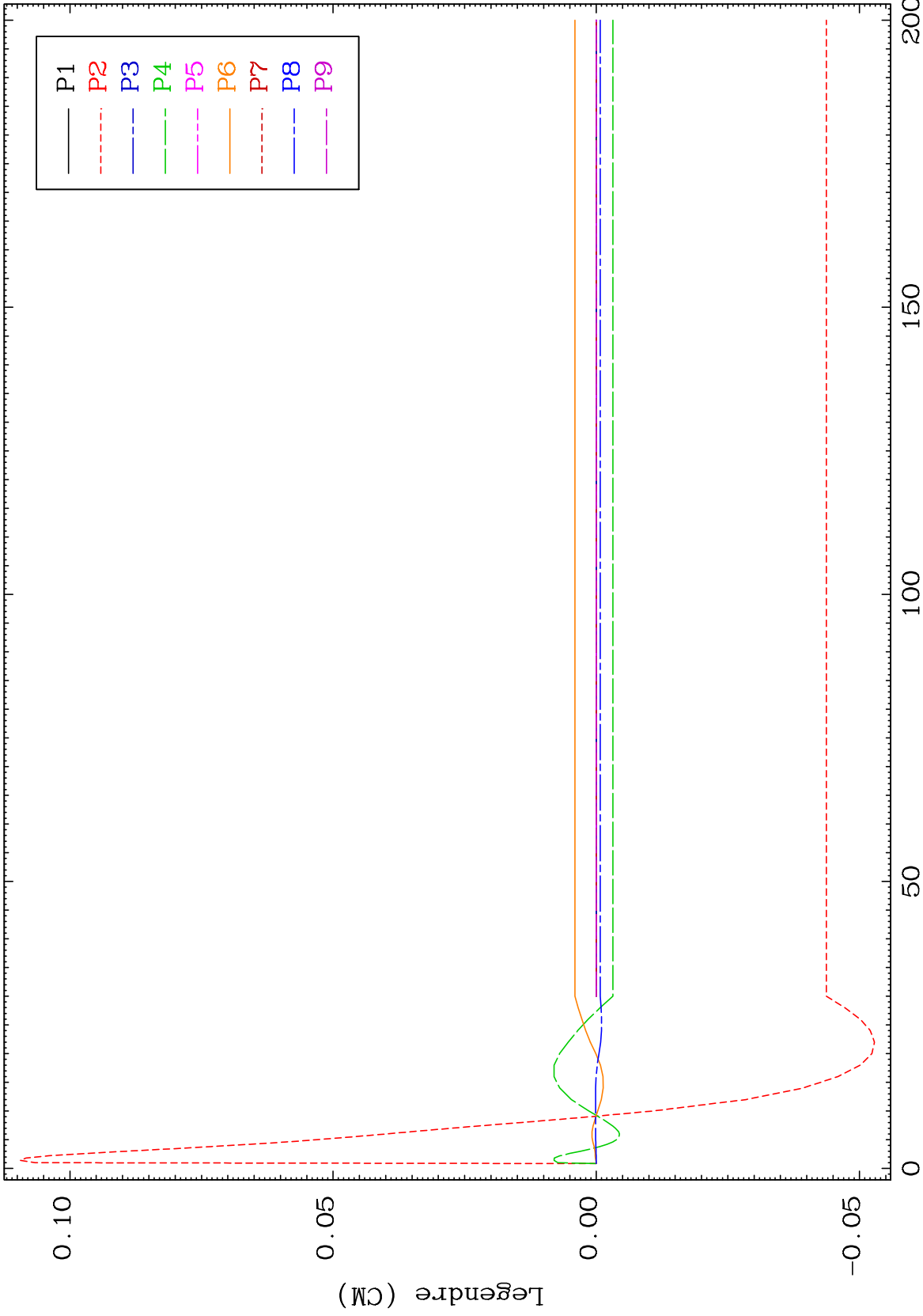
Incident Energy (MeV)

65

MAT 7092

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

71-Lu-164



66

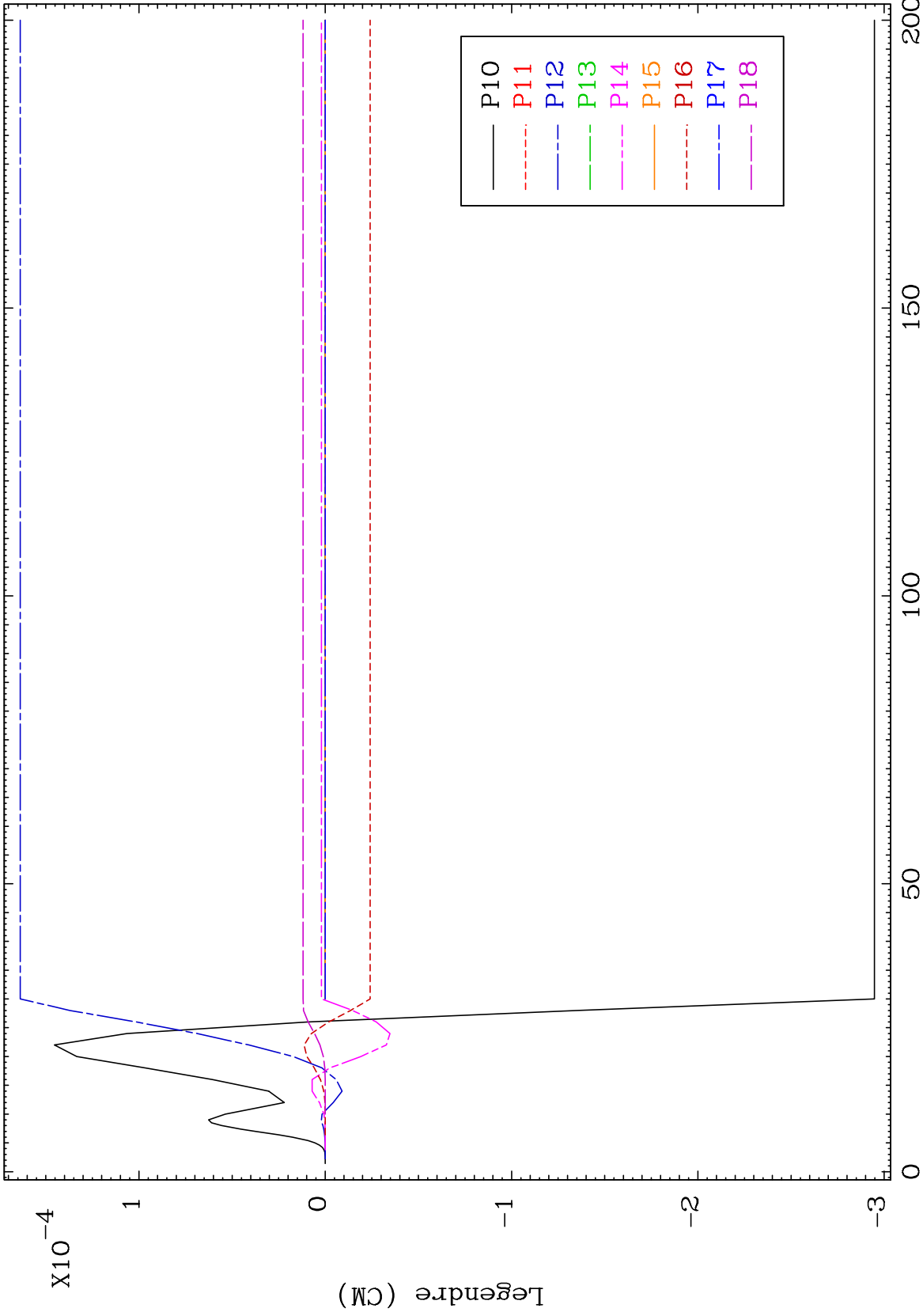
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



67

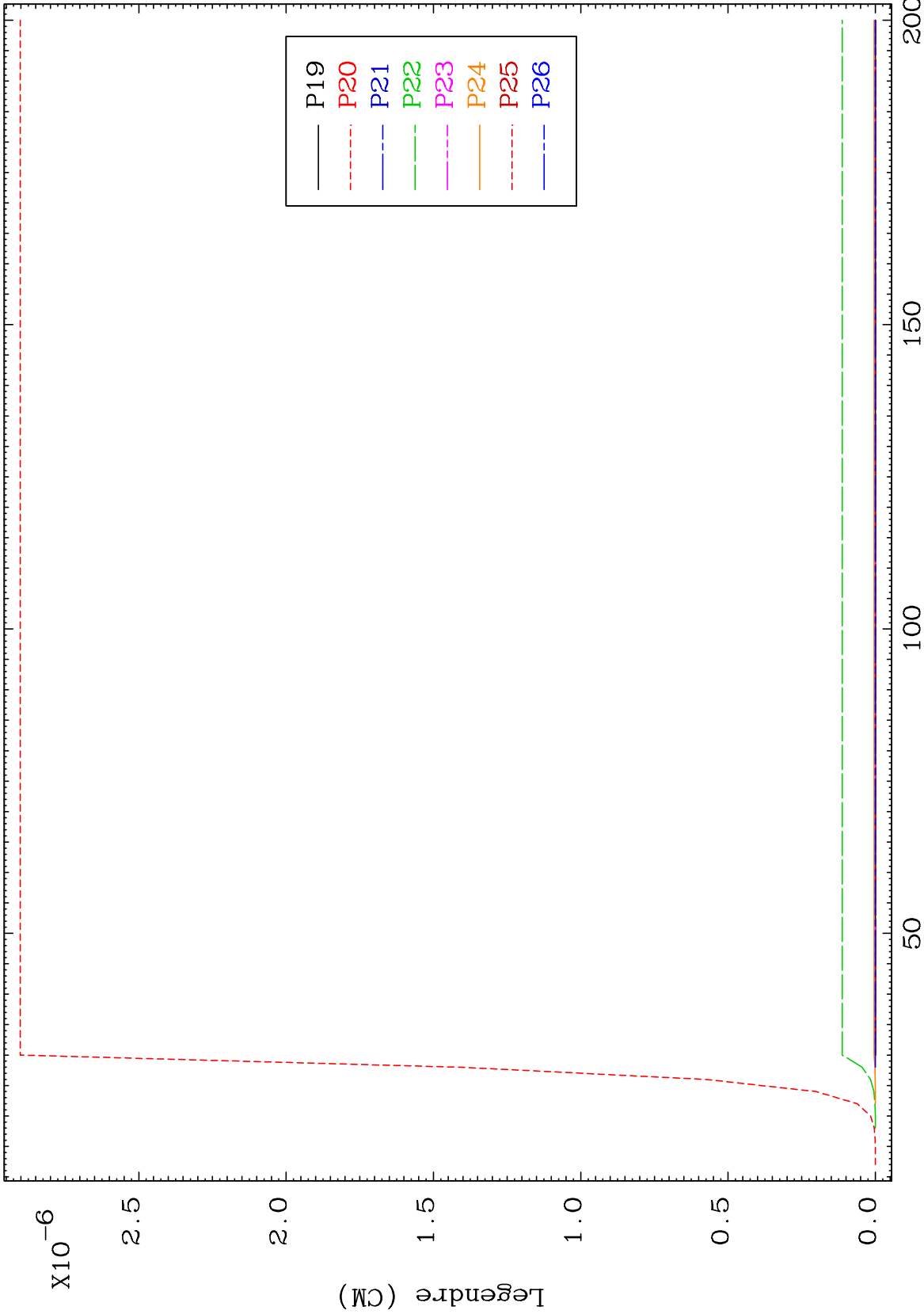
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



68

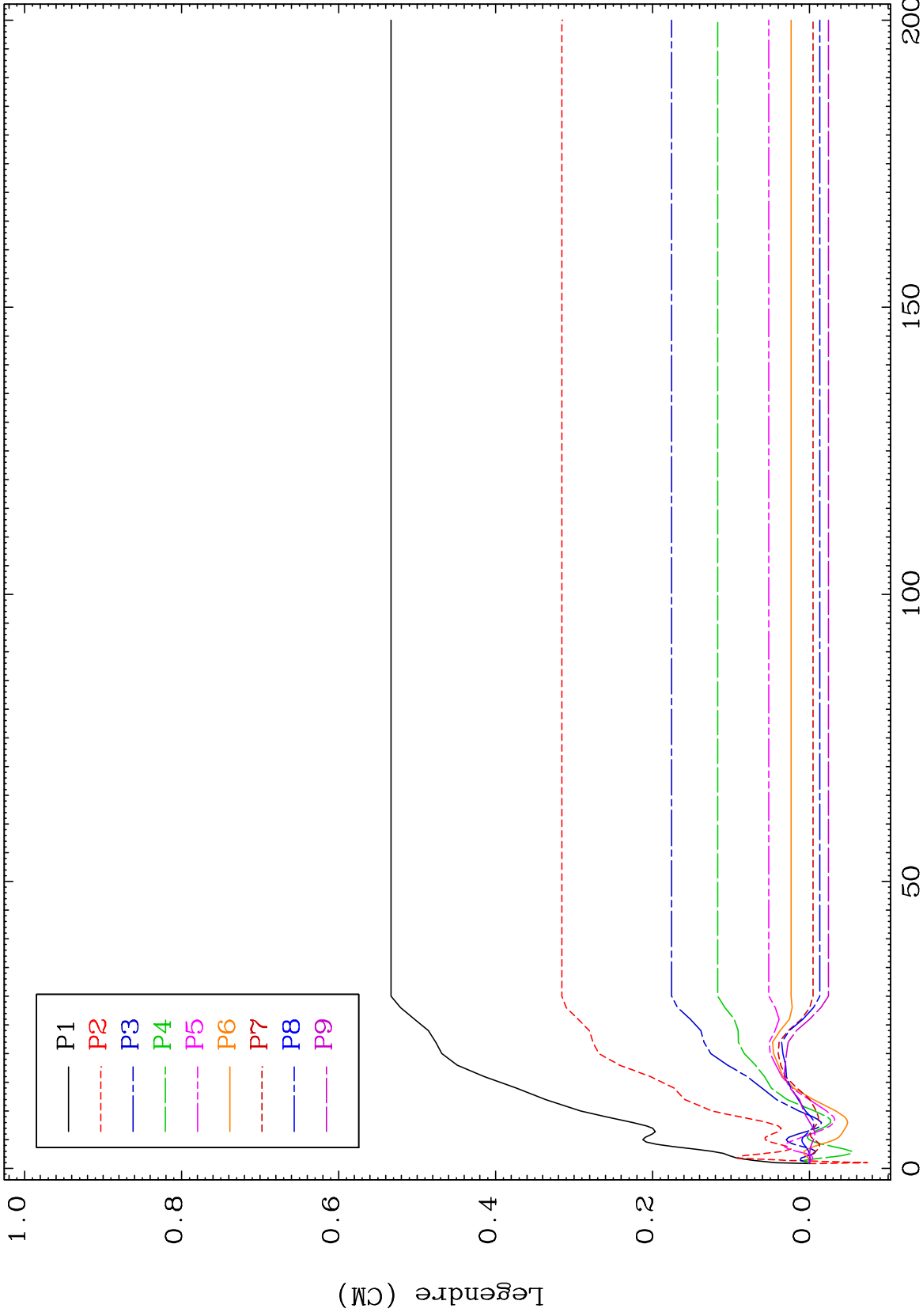
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

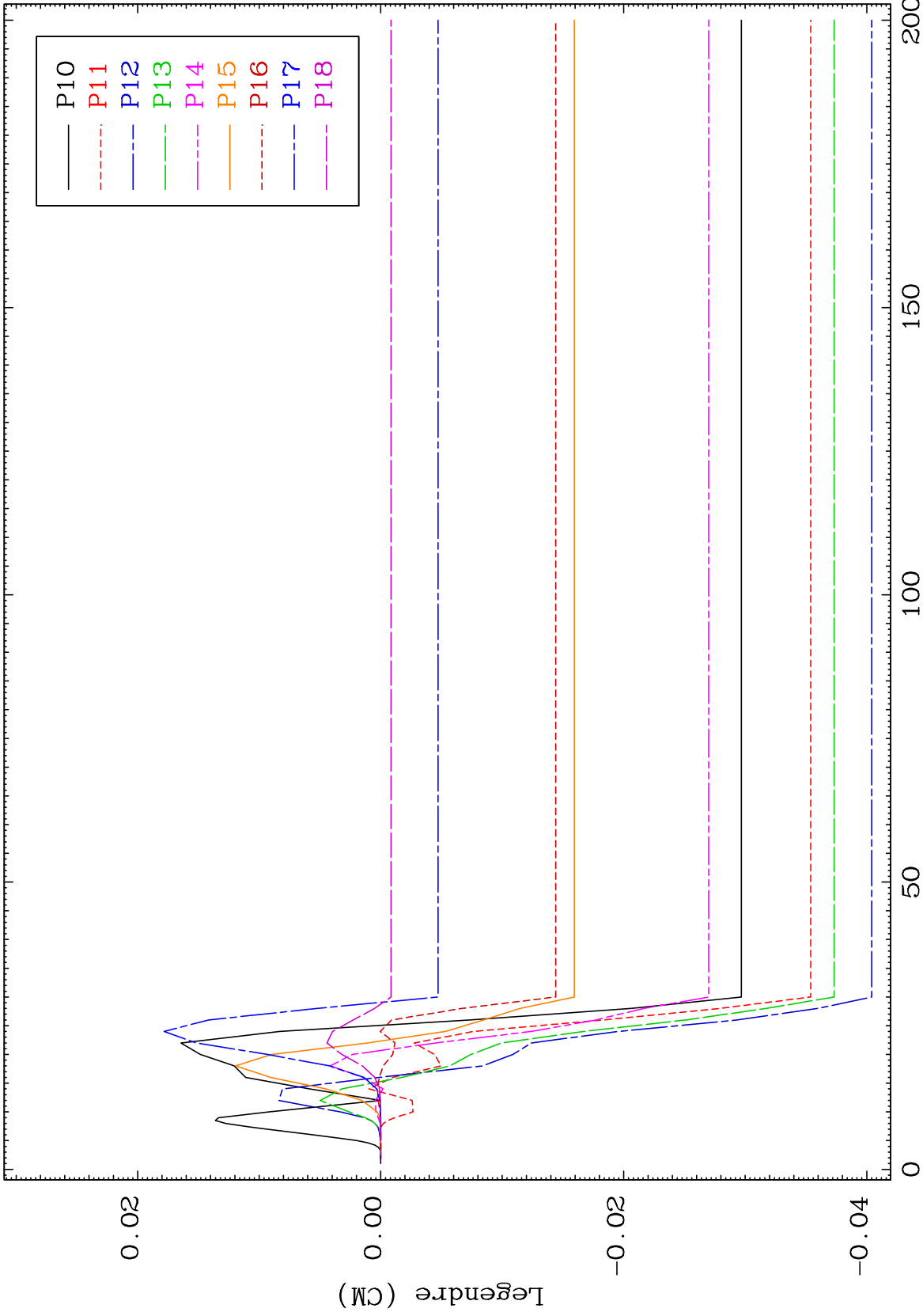


69

MAT 7092

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

71-Lu-164



70

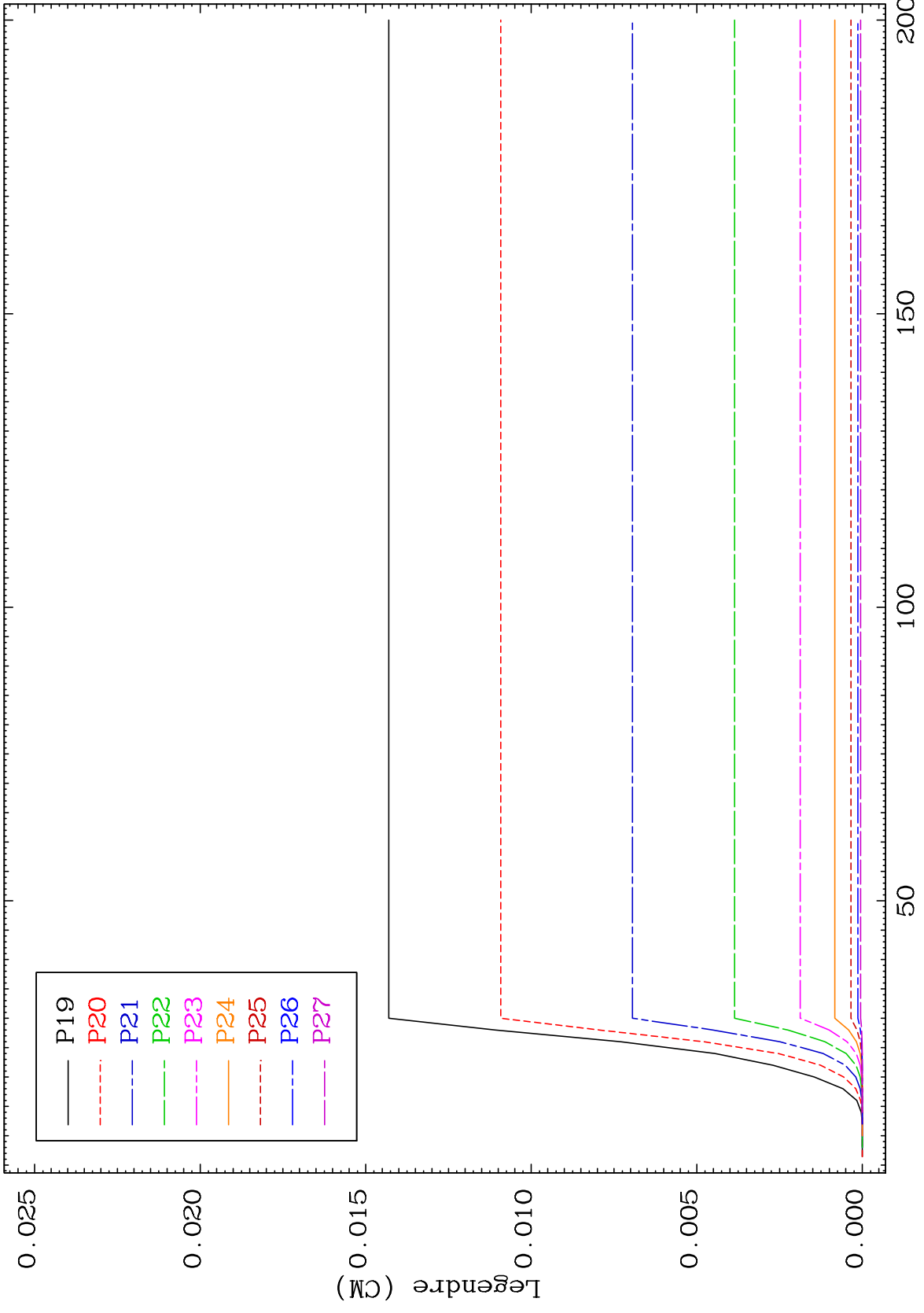
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



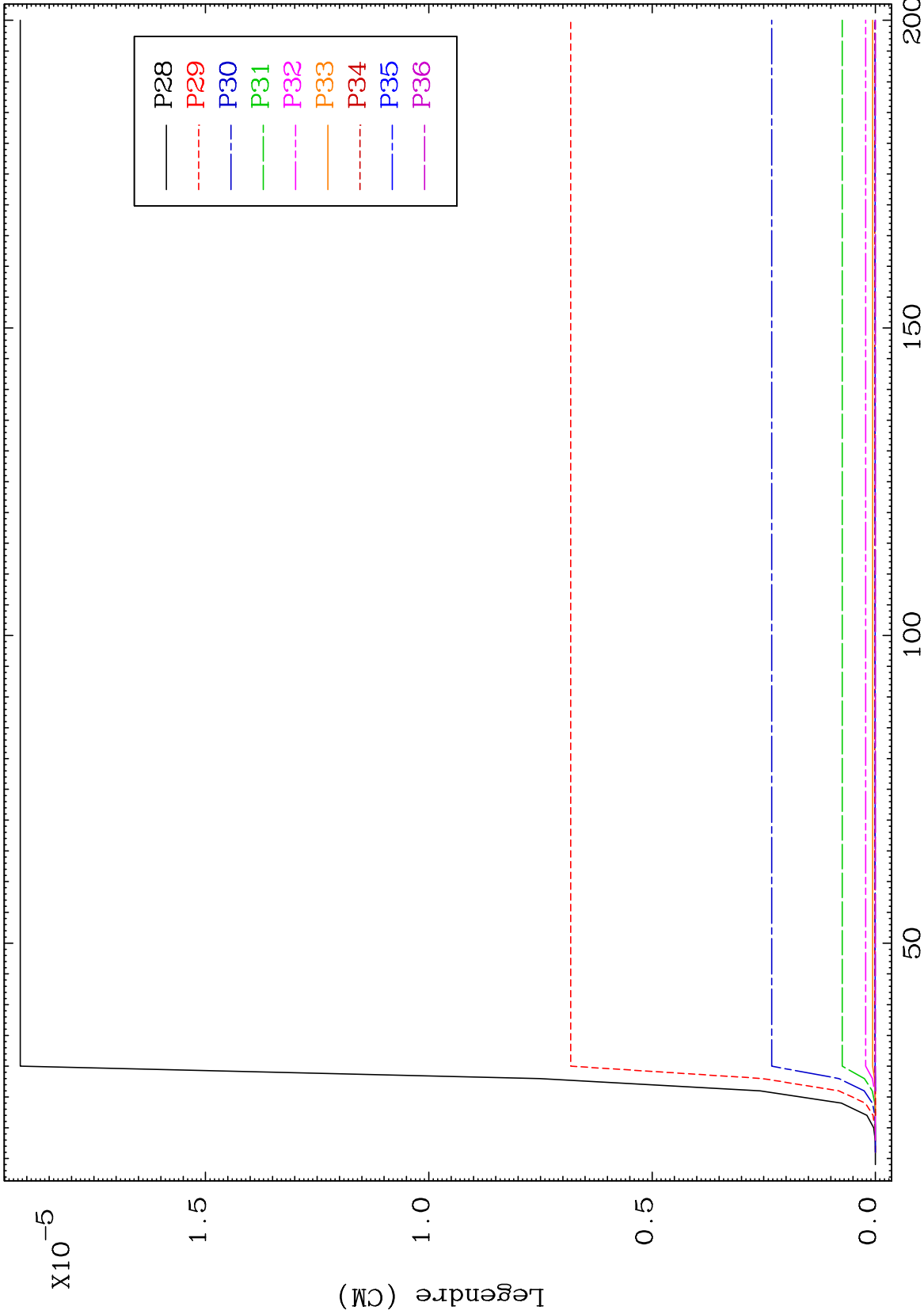
71

71-Lu-164

MAT 7092

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

71-Lu-164



72

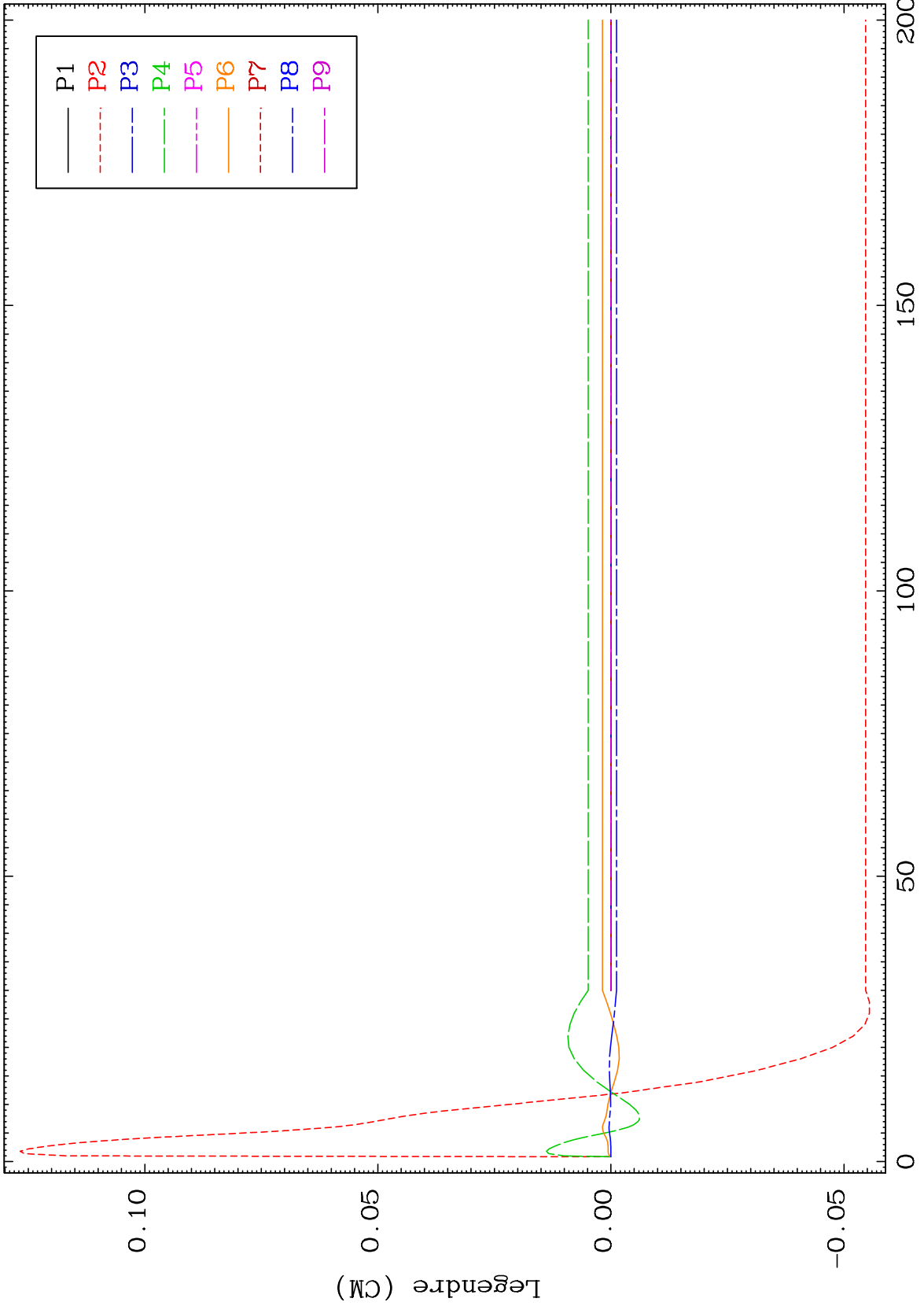
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



73

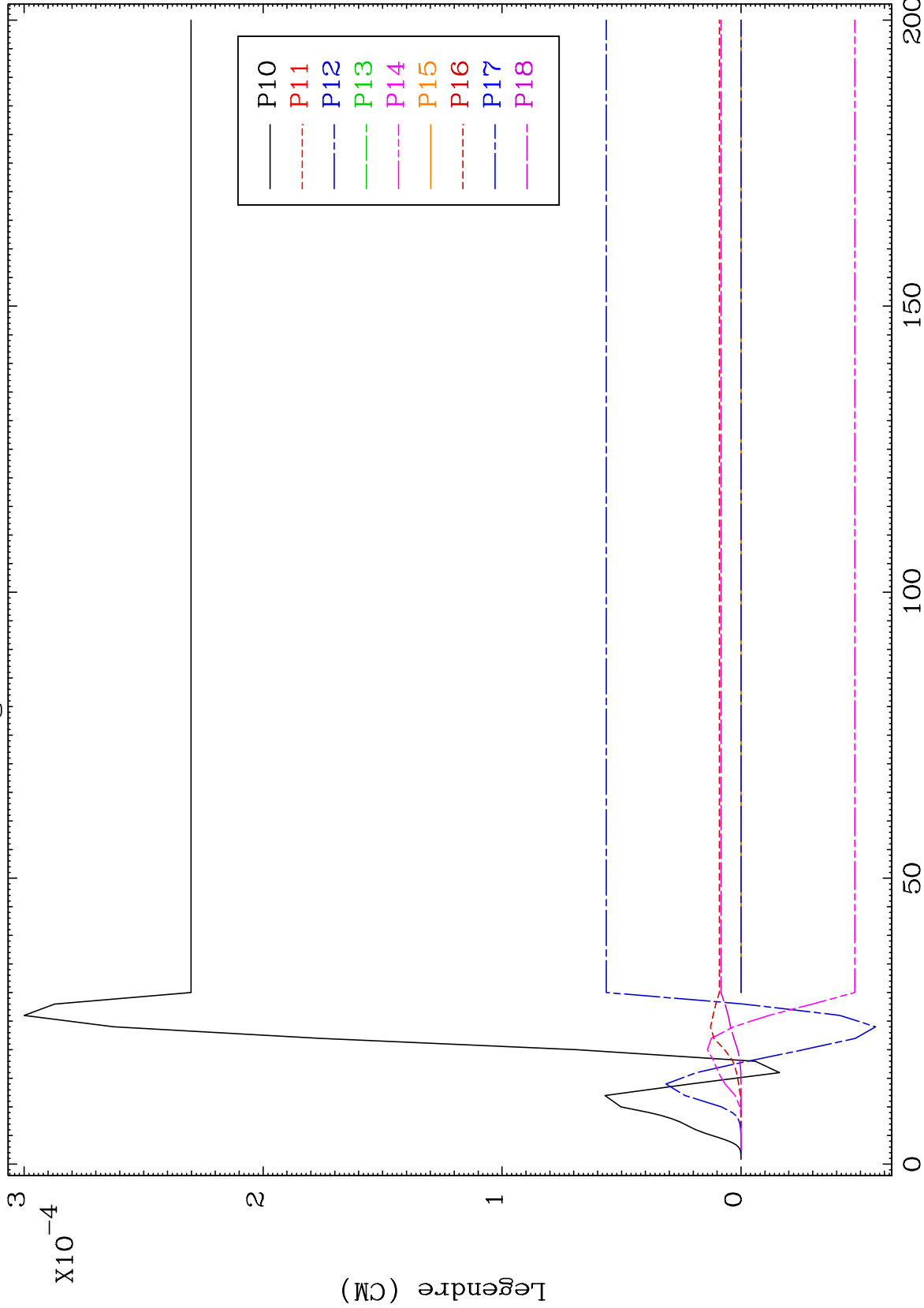
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



74

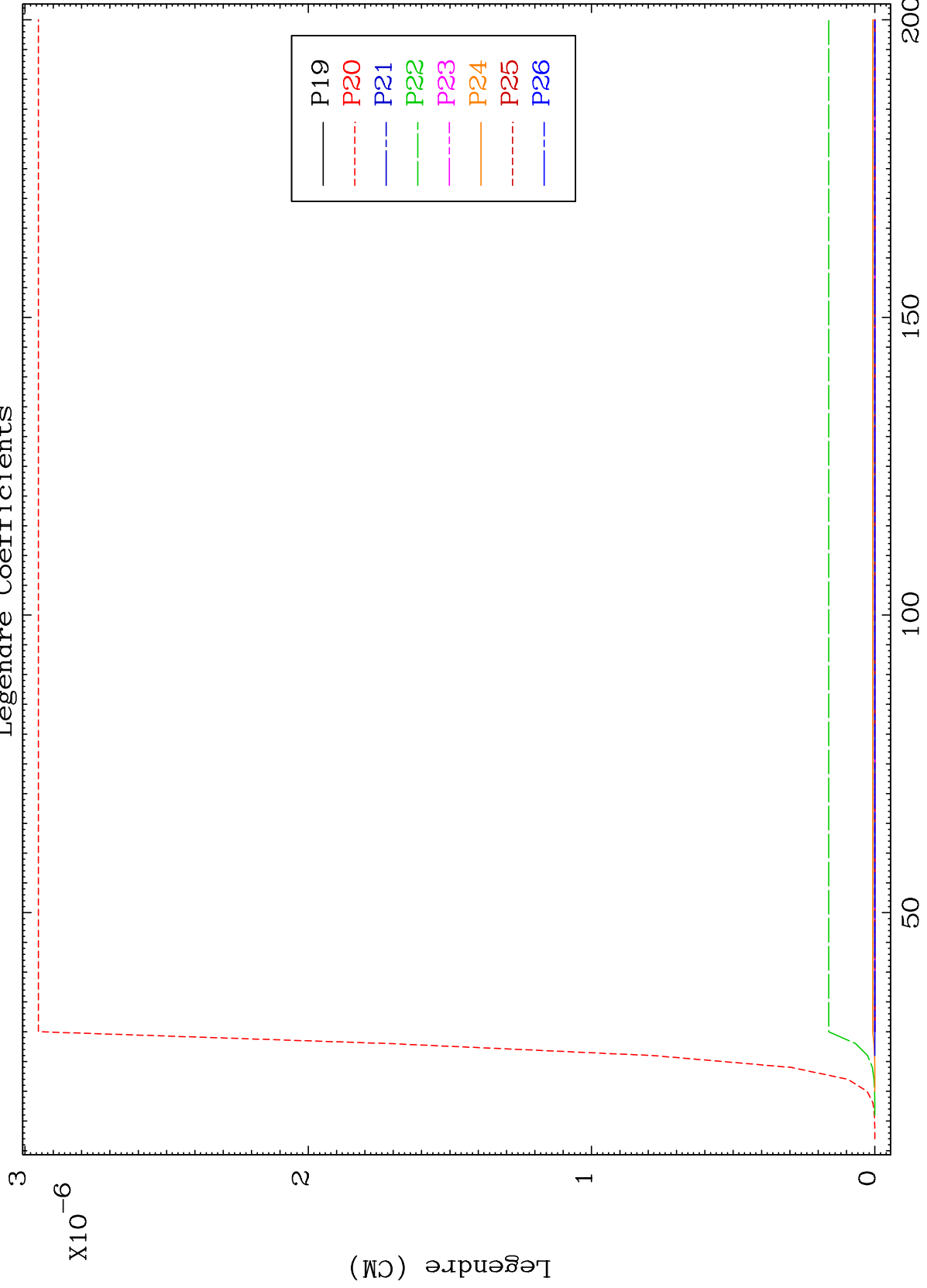
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

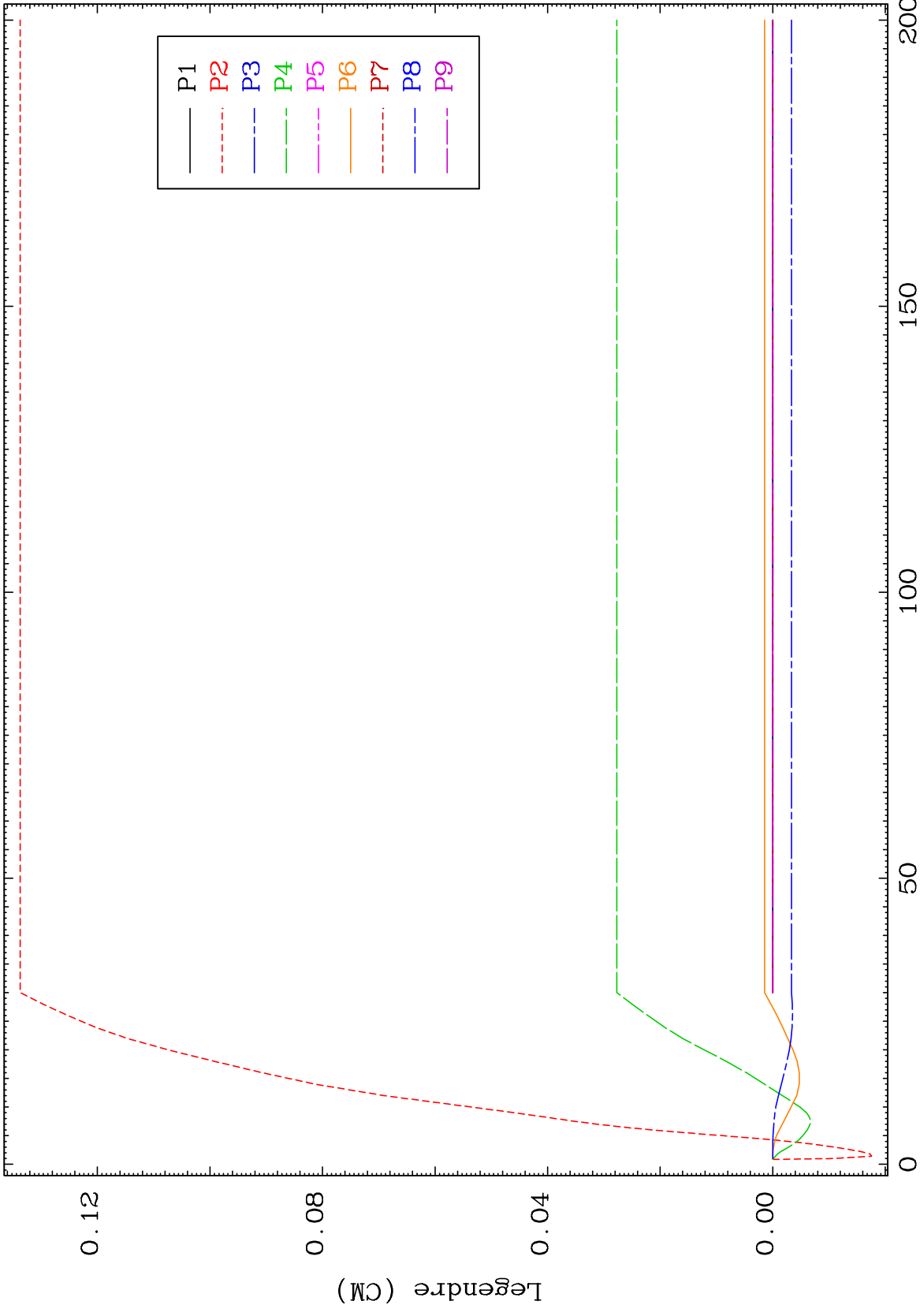
Incident Energy (MeV)

75

MAT 7092

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

71-Lu-164



76

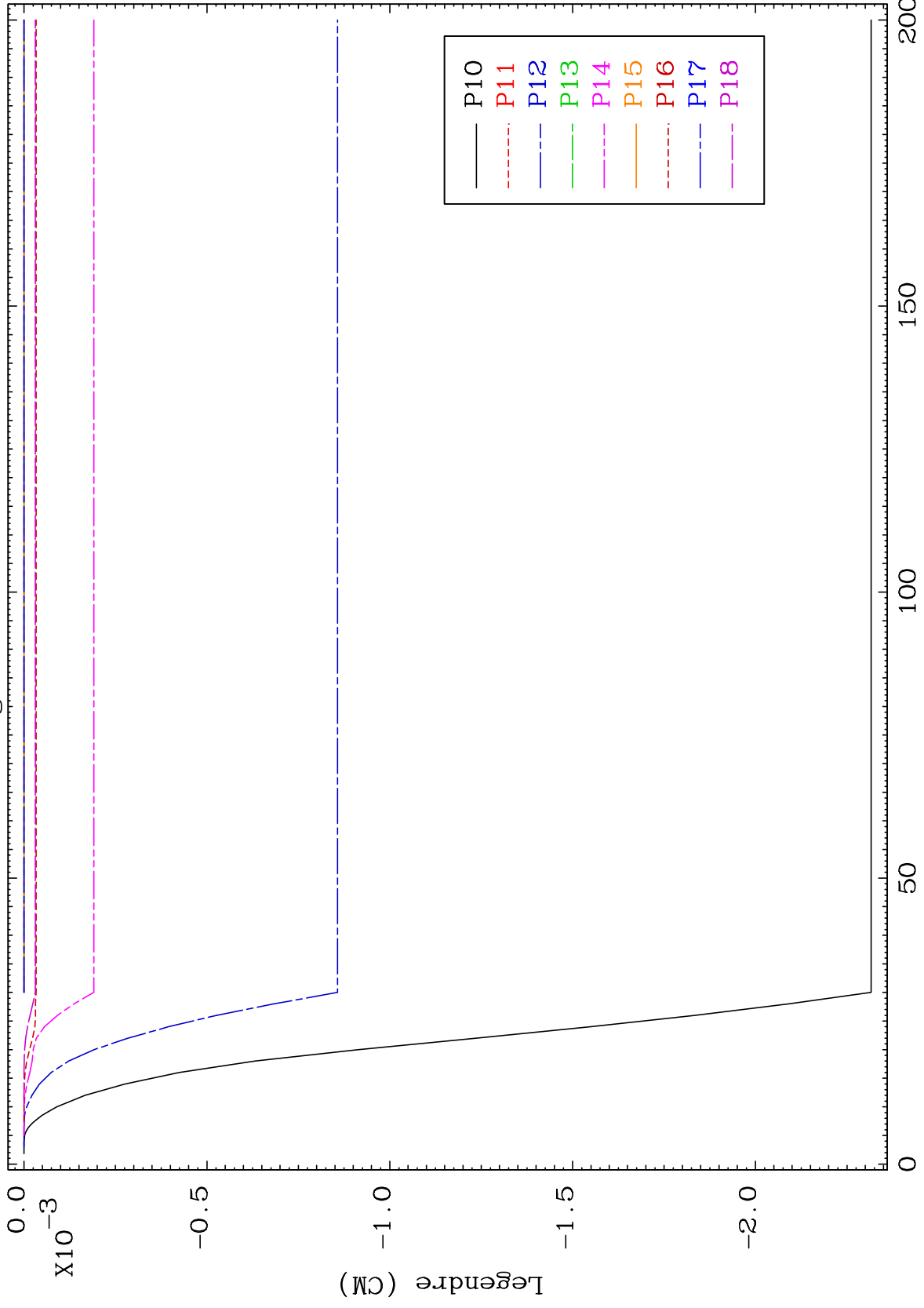
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

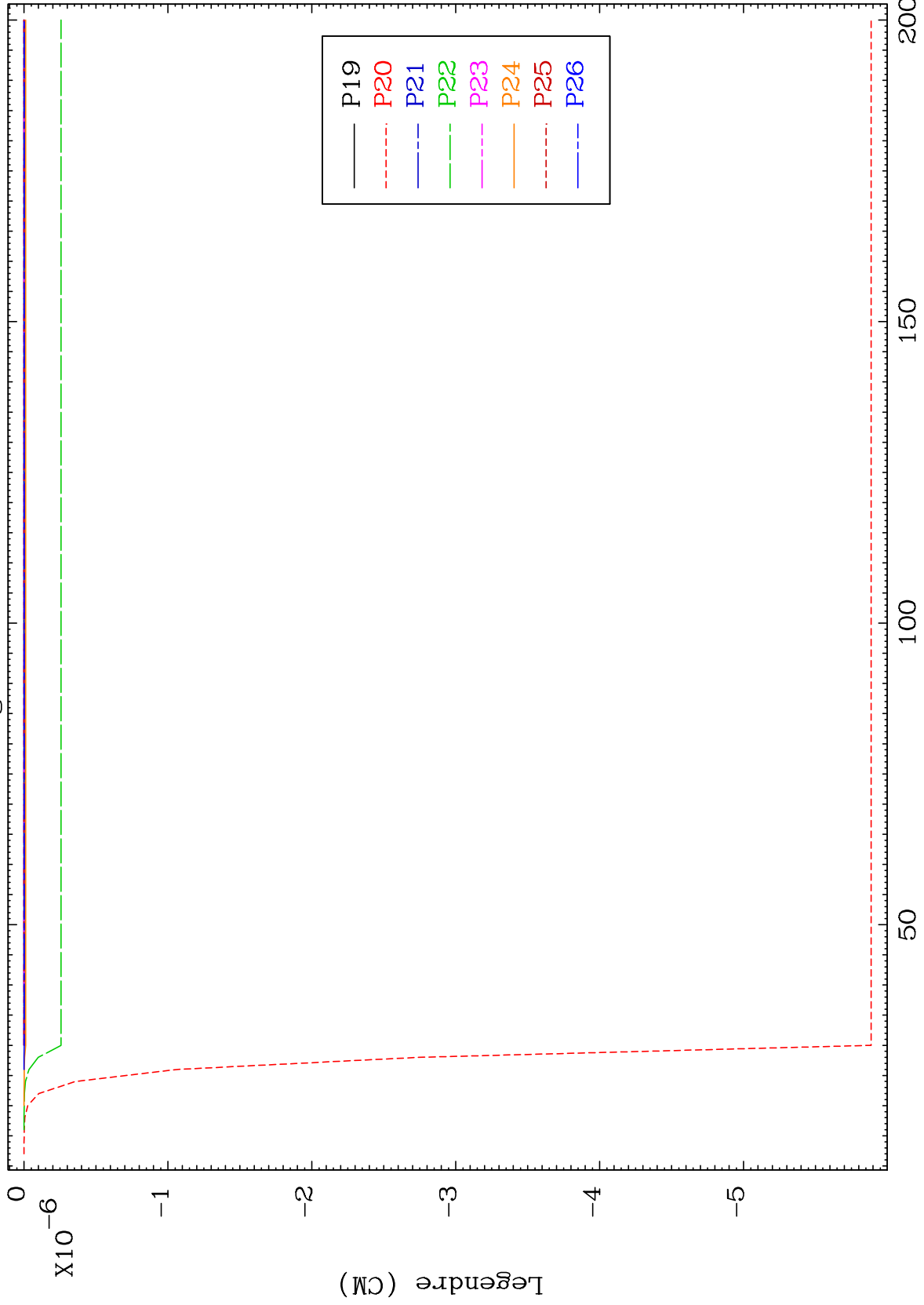
Incident Energy (MeV)

77

MAT 7092

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

71-Lu-164



78

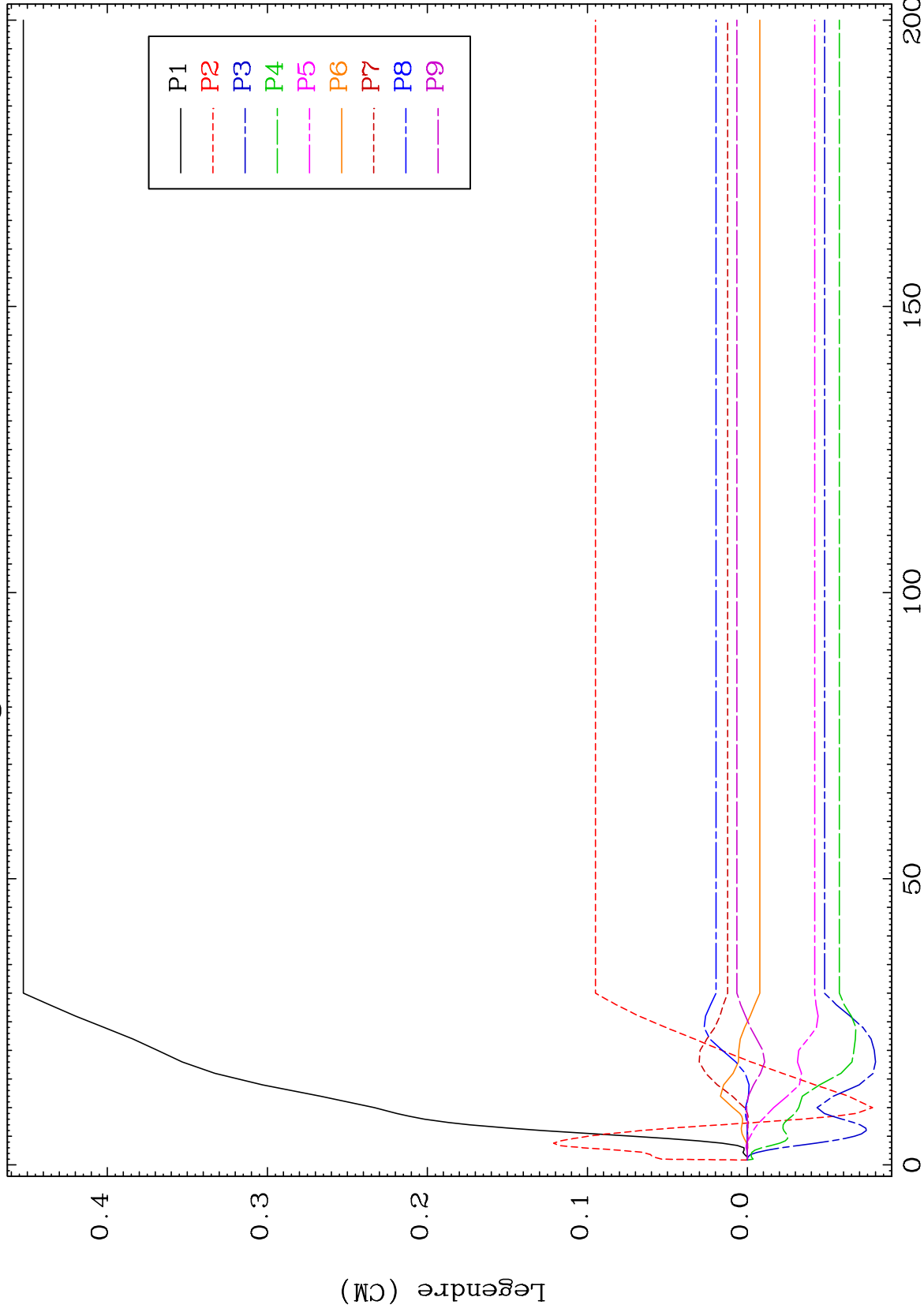
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



79

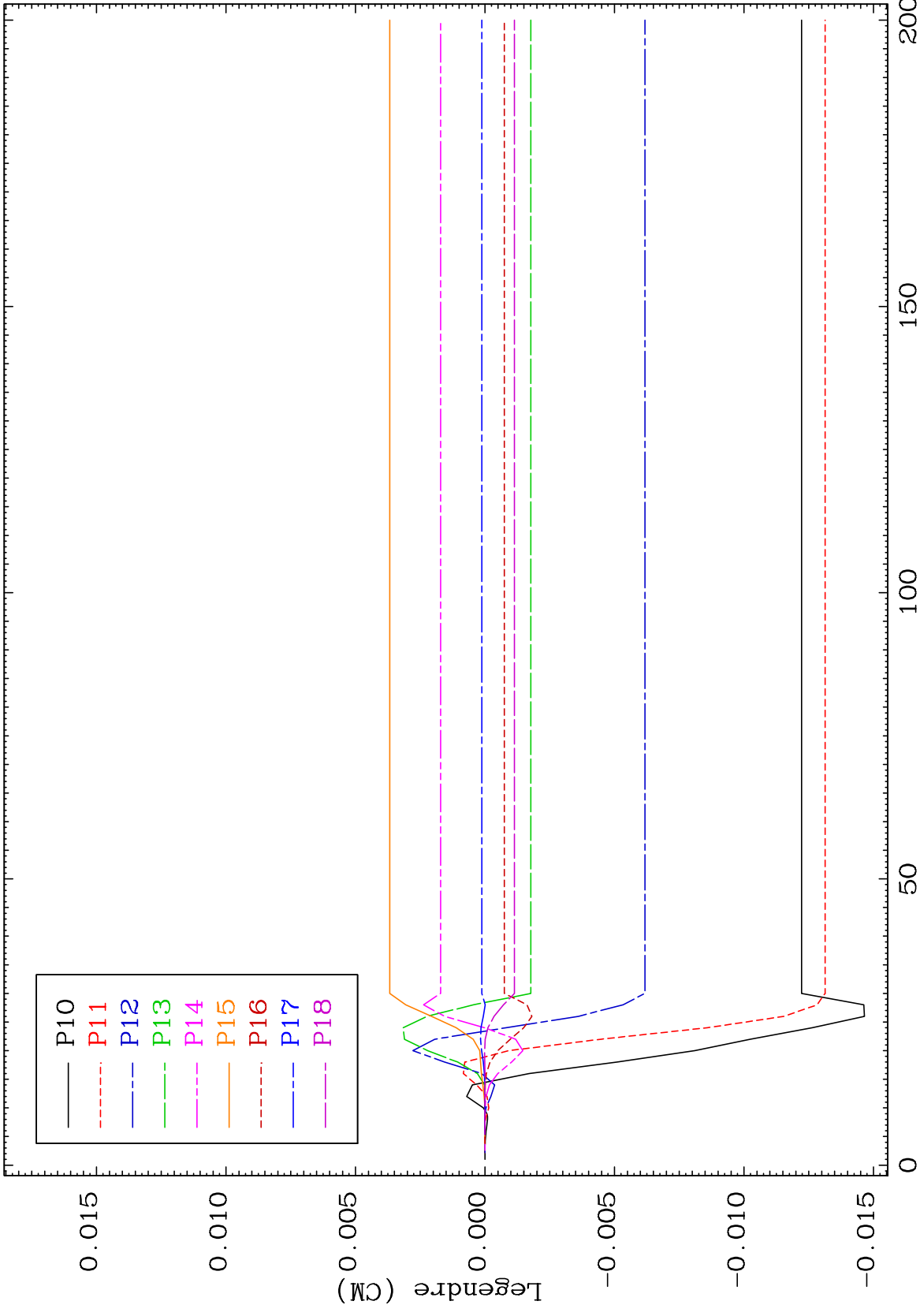
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

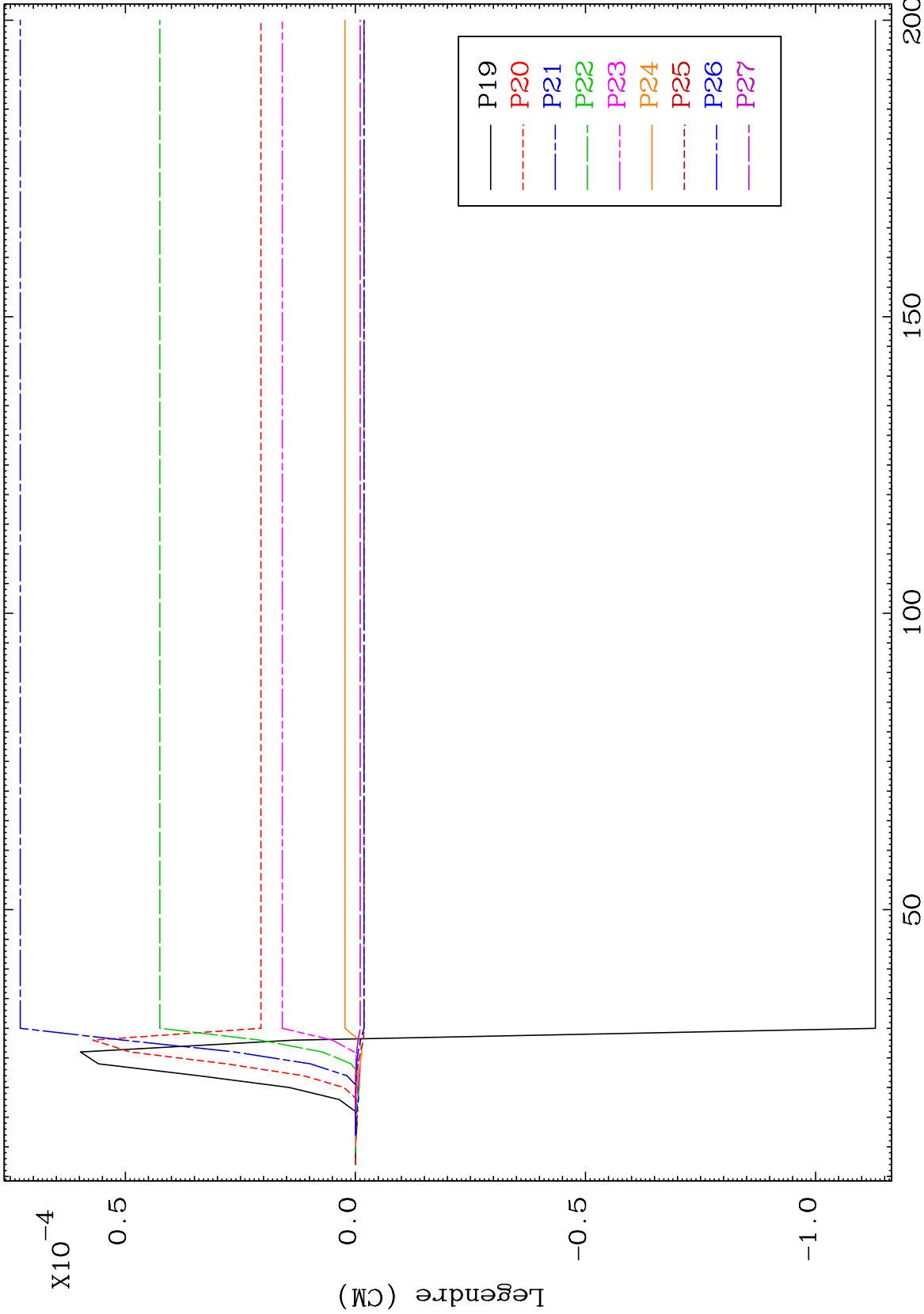
71-Lu-164



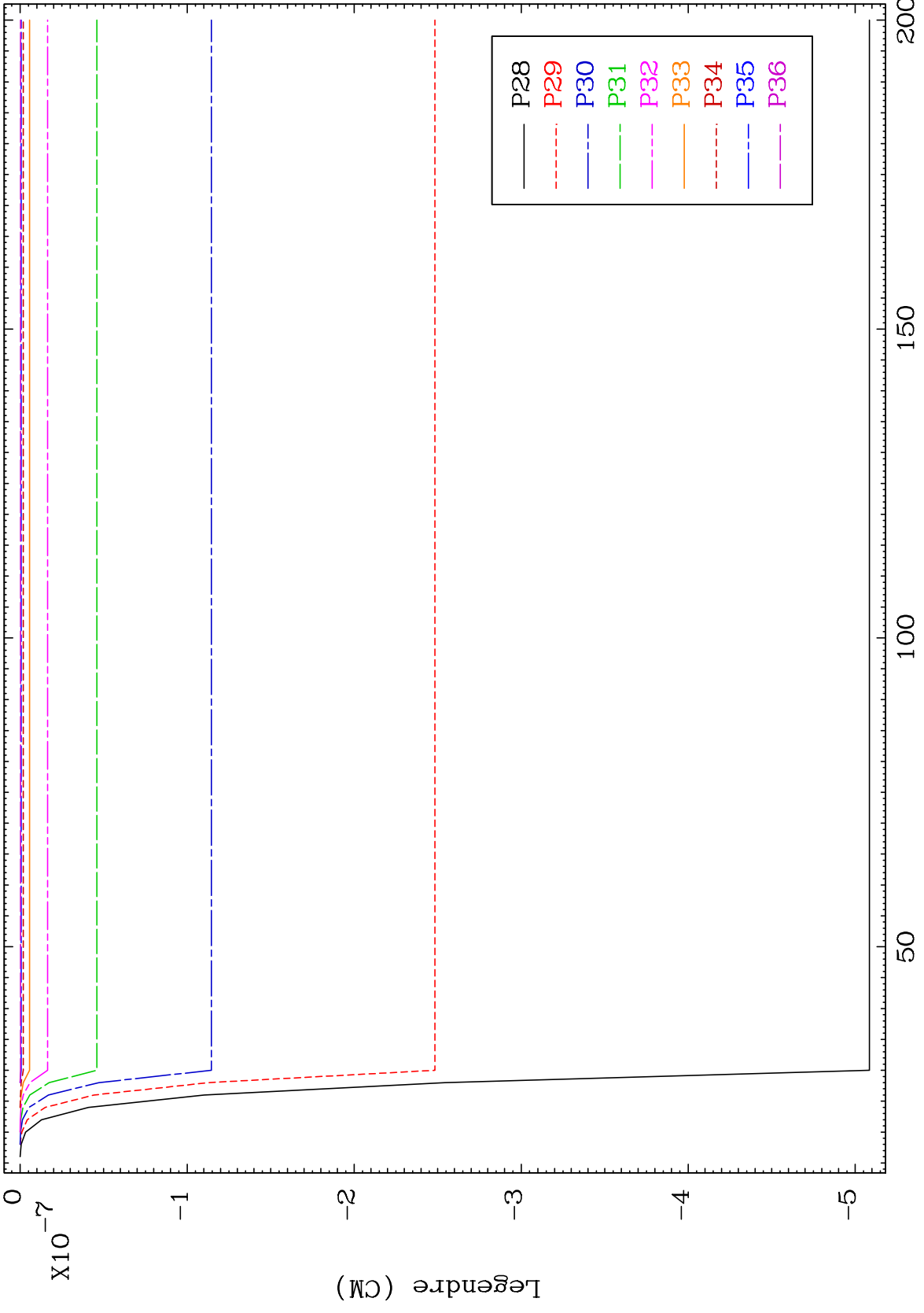
80

Incident Energy (MeV)

71-Lu-164



MAT 7092 MT= 68 (n,n') Level Legendre Coefficients 71-Lu-164

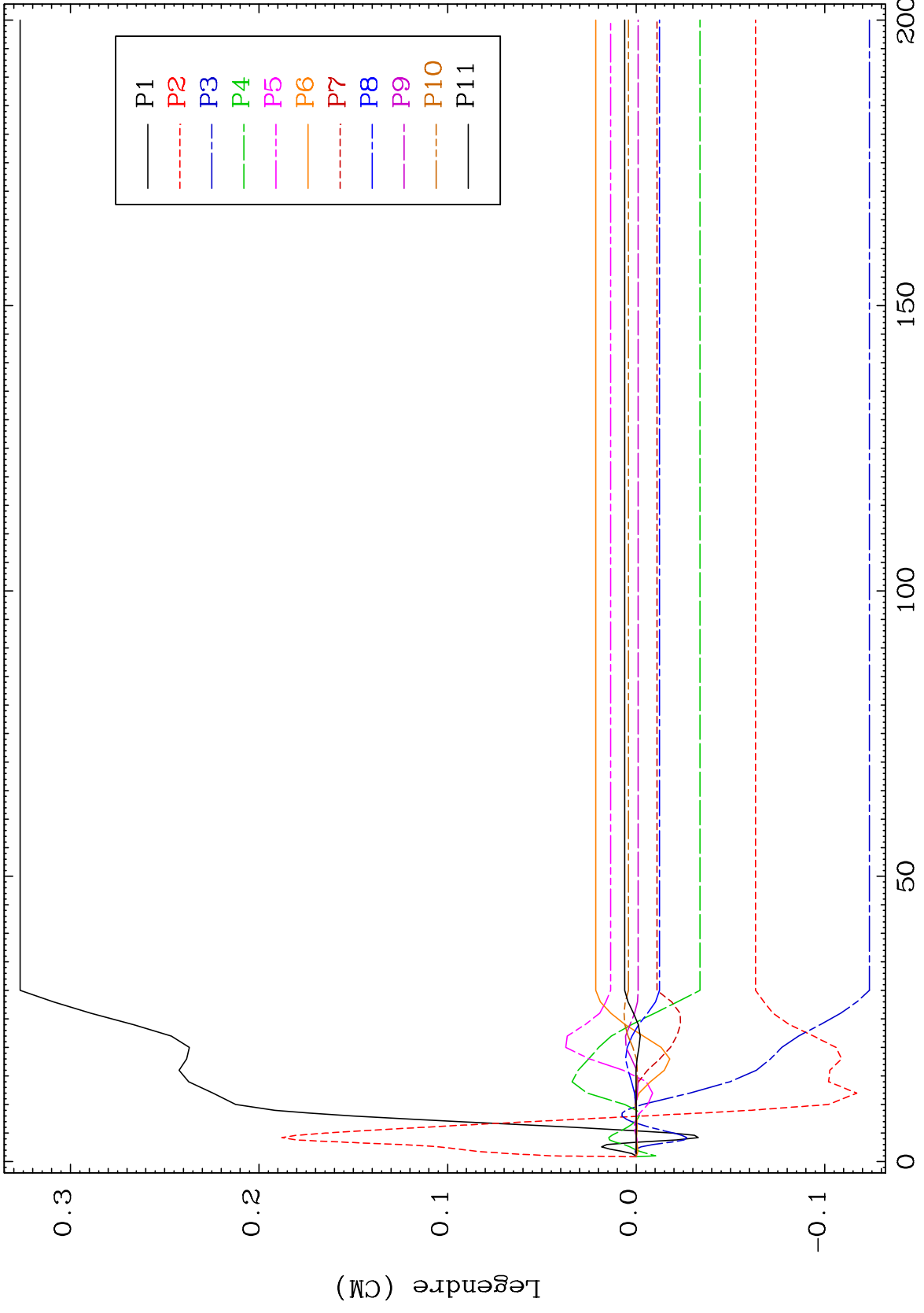


82 71-Lu-164

MAT 7092

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

71-Lu-164



83

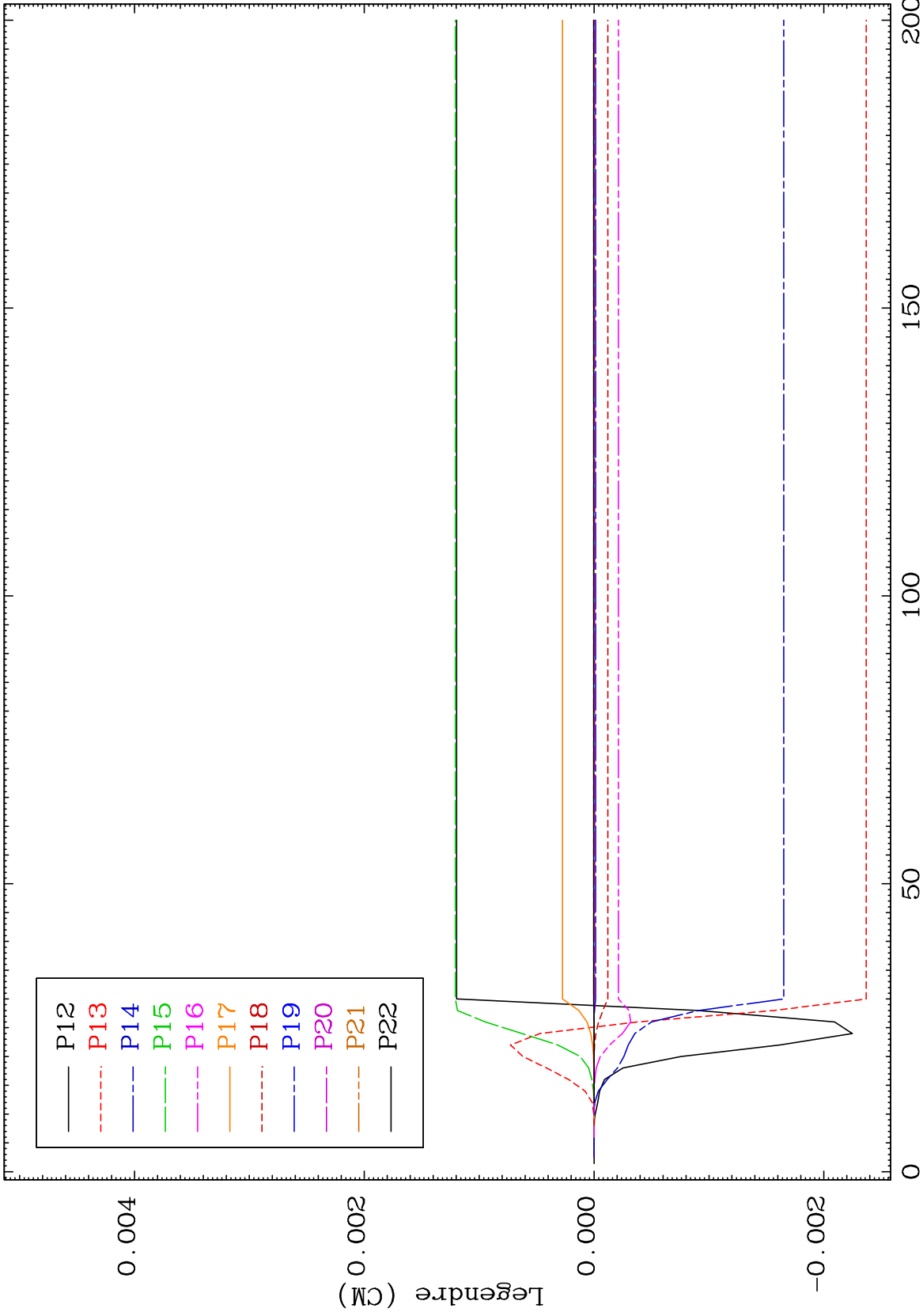
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



84

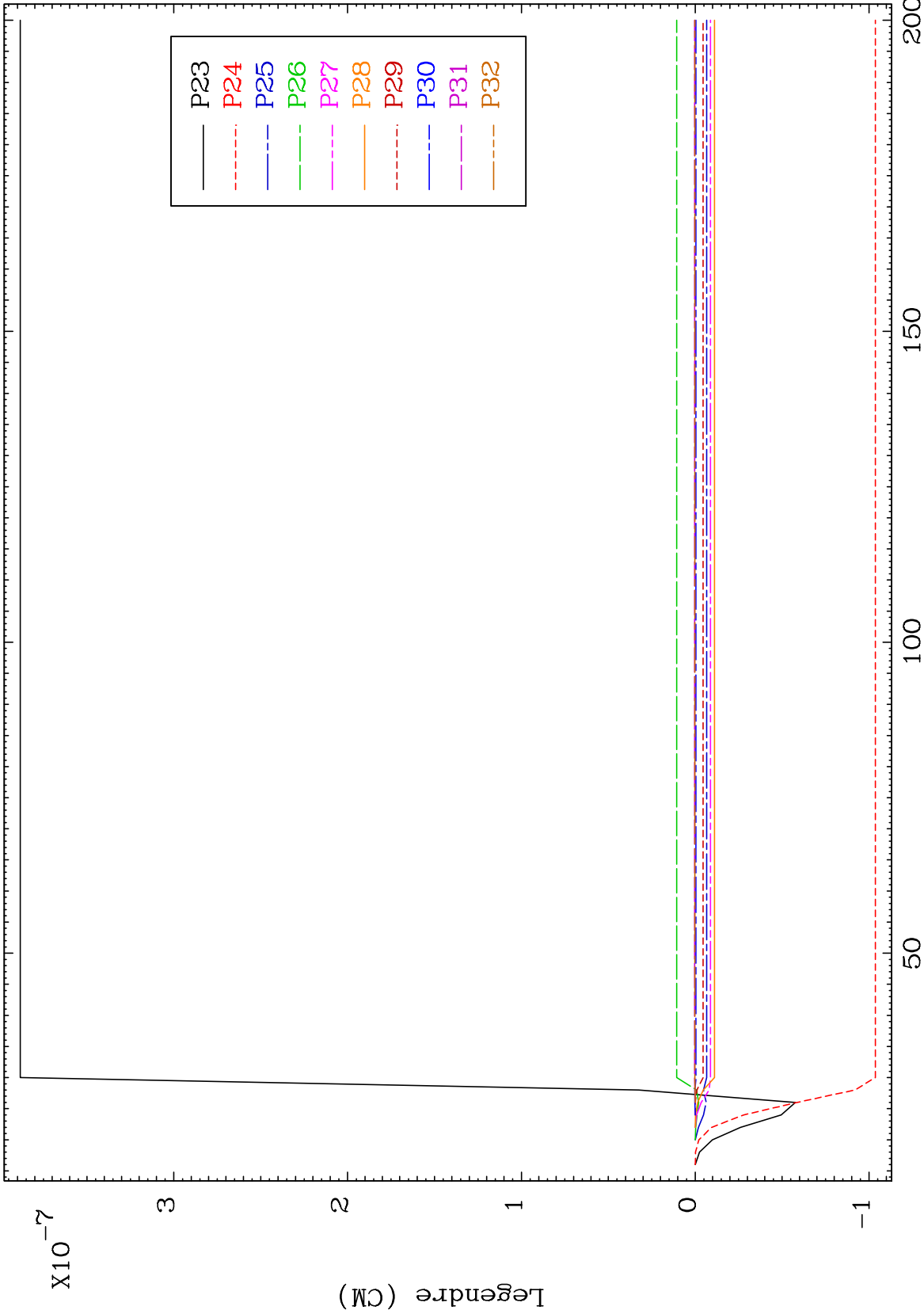
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

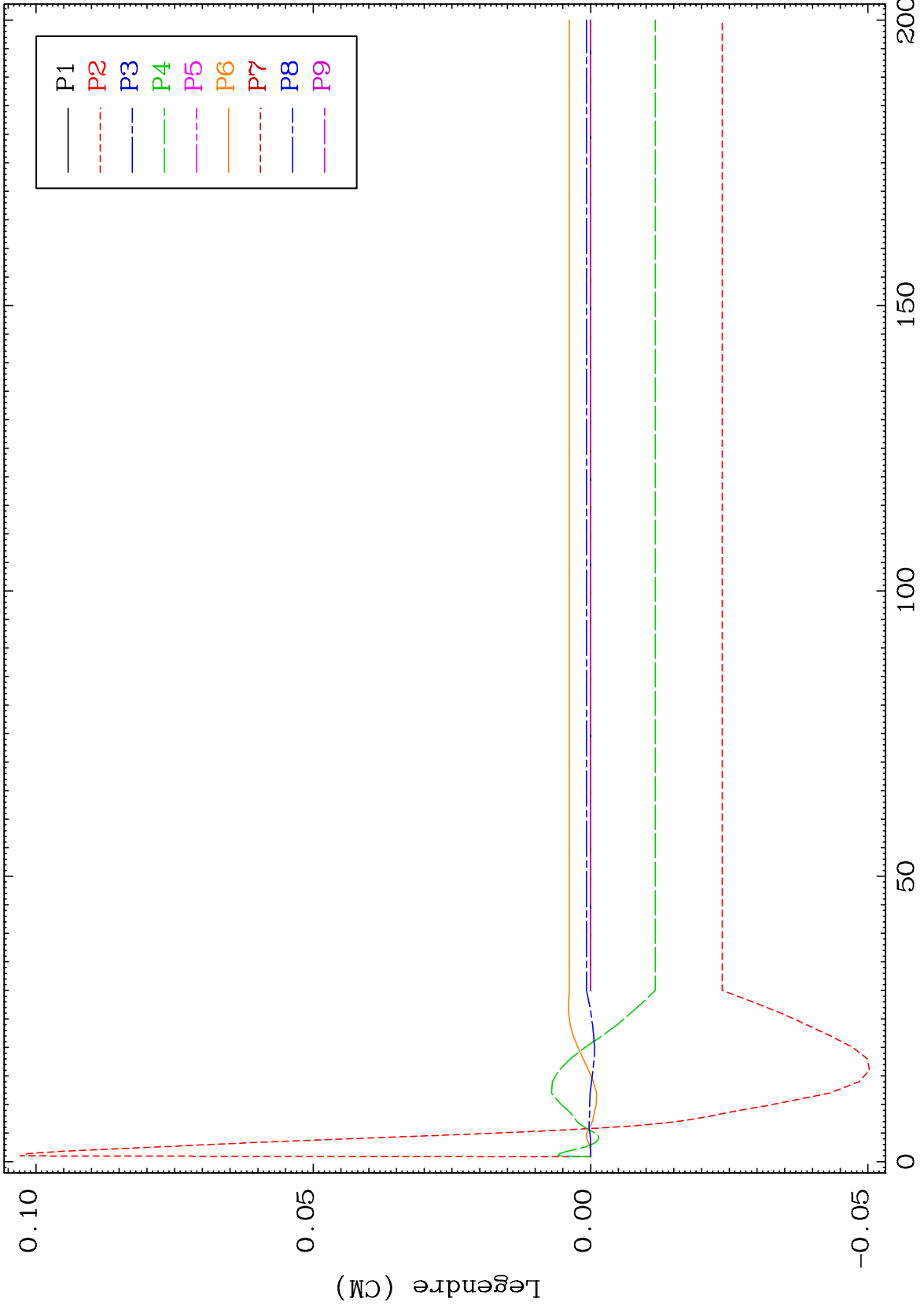


85

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-164

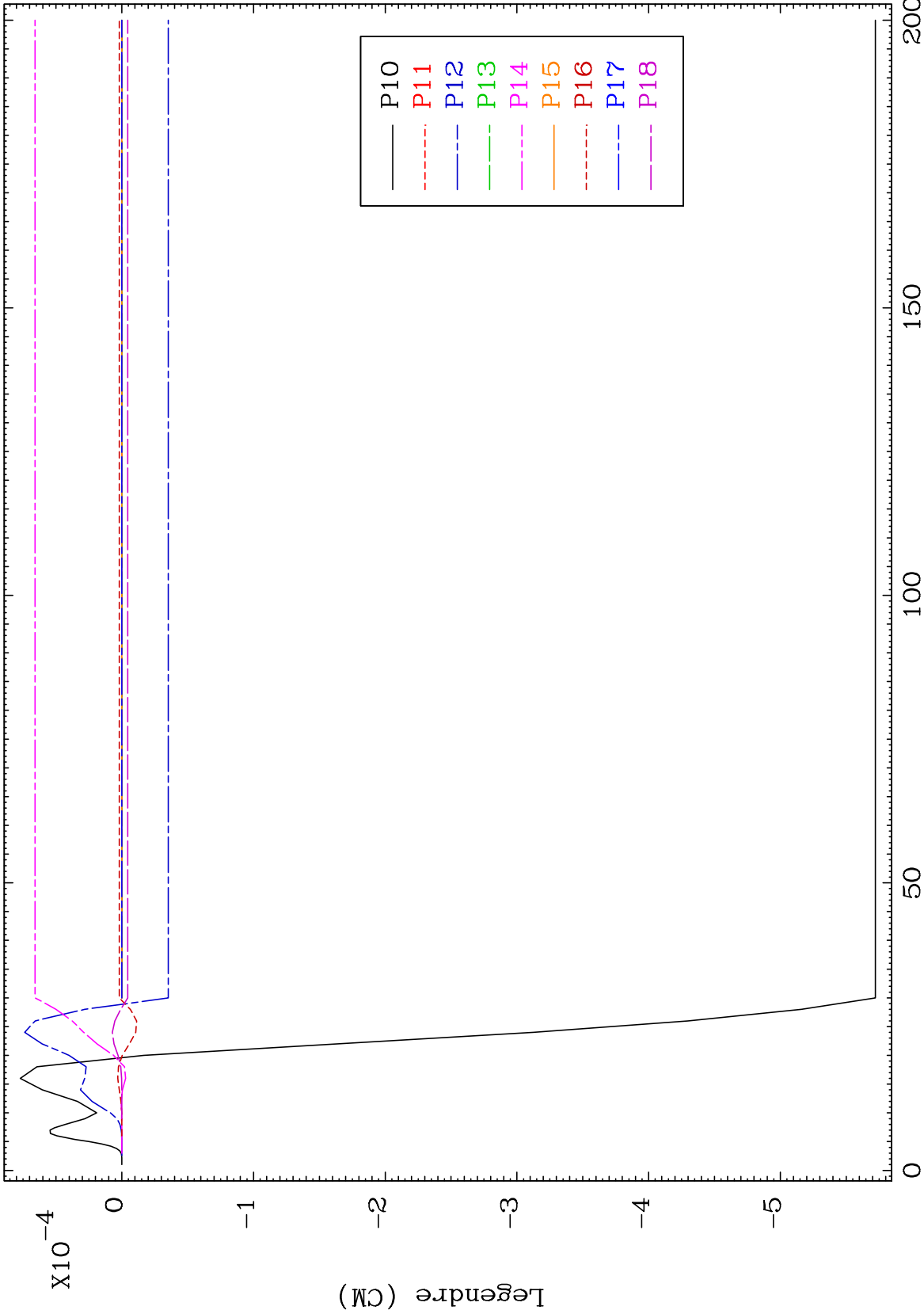


86 Incident Energy (MeV) 71-Lu-164

MAT 7092

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

71-Lu-164

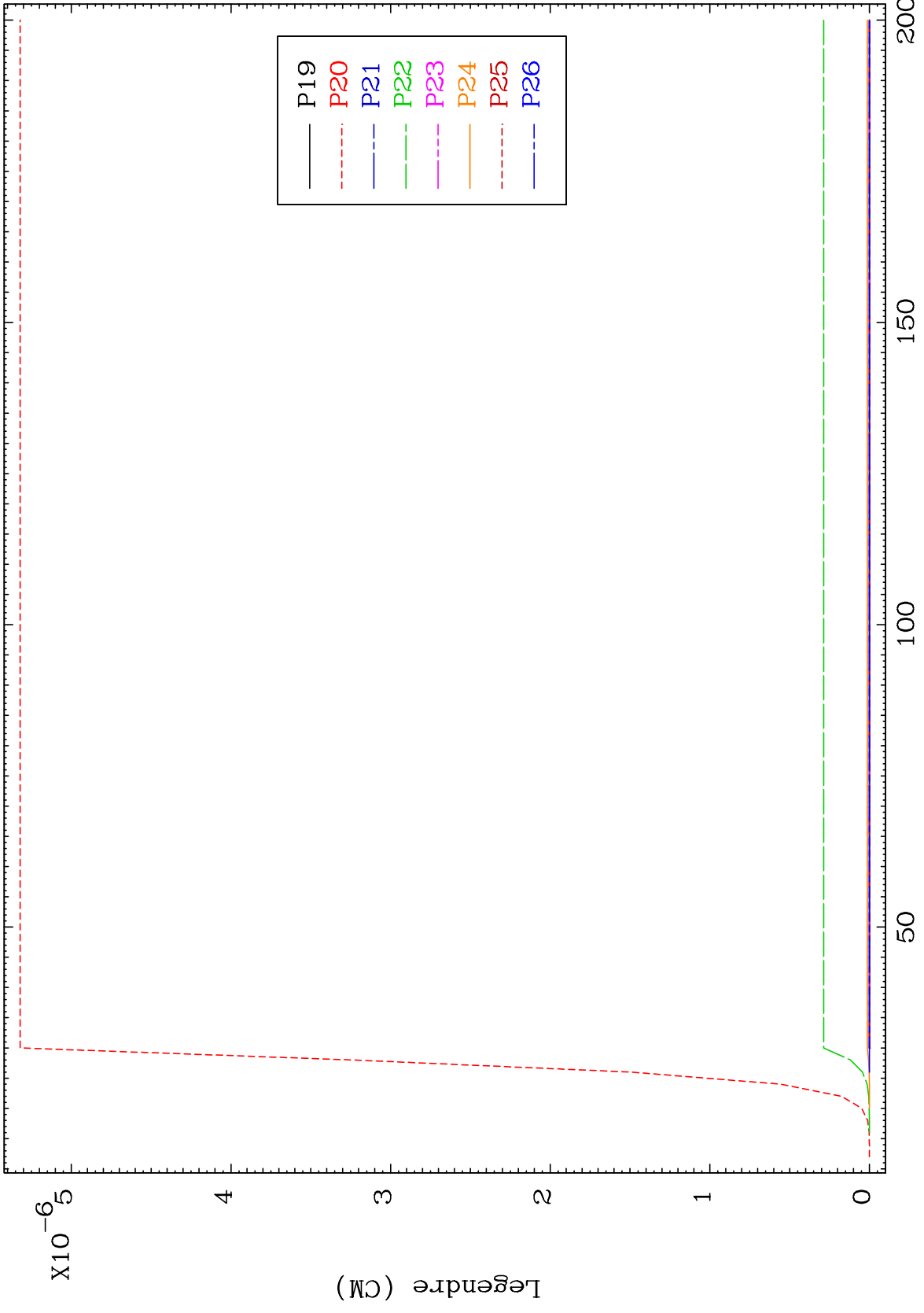


87

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 70 (n,n') Level Legendre Coefficients 71-Lu-164

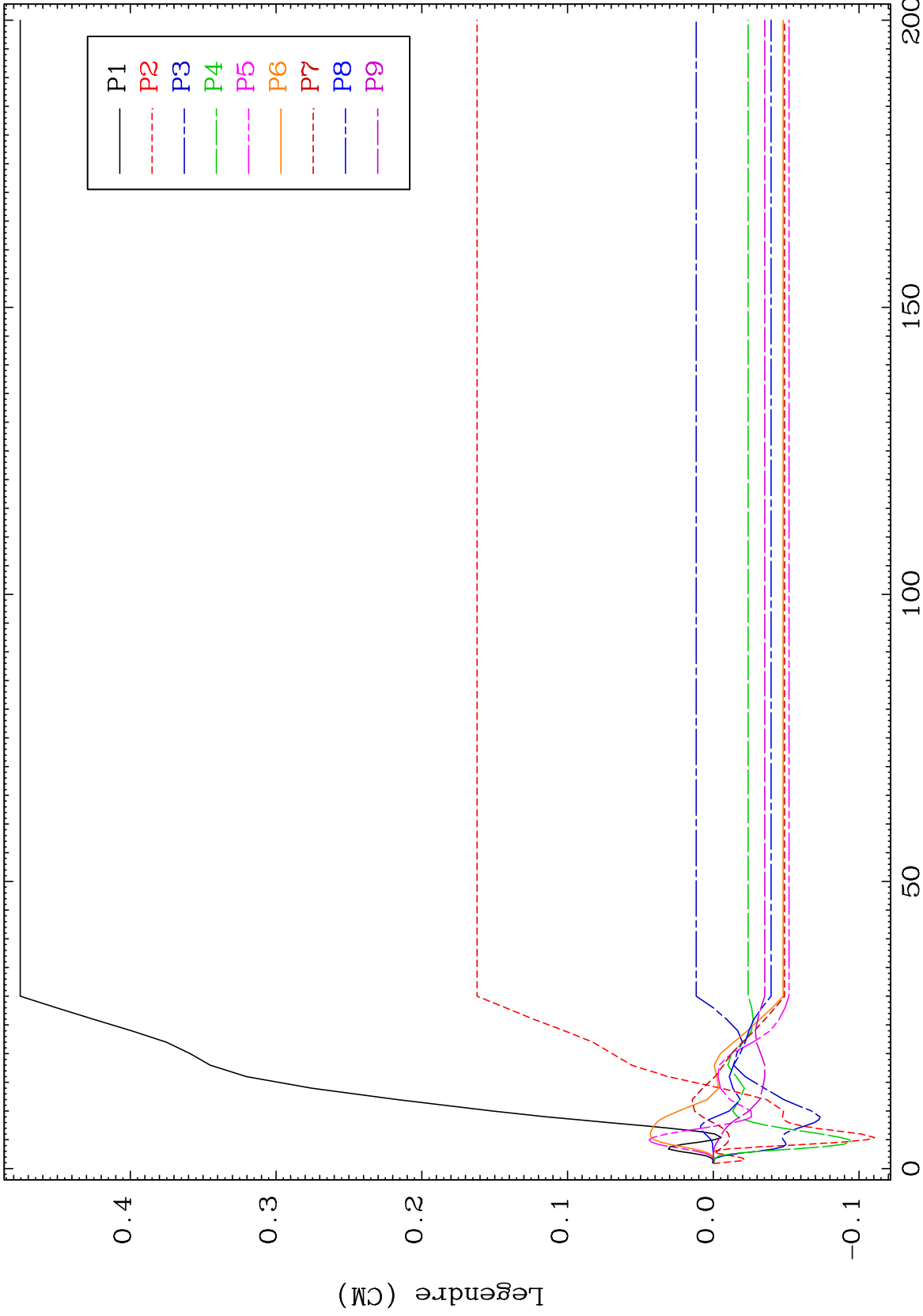


88 71-Lu-164

MAT 7092

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

71-Lu-164



89

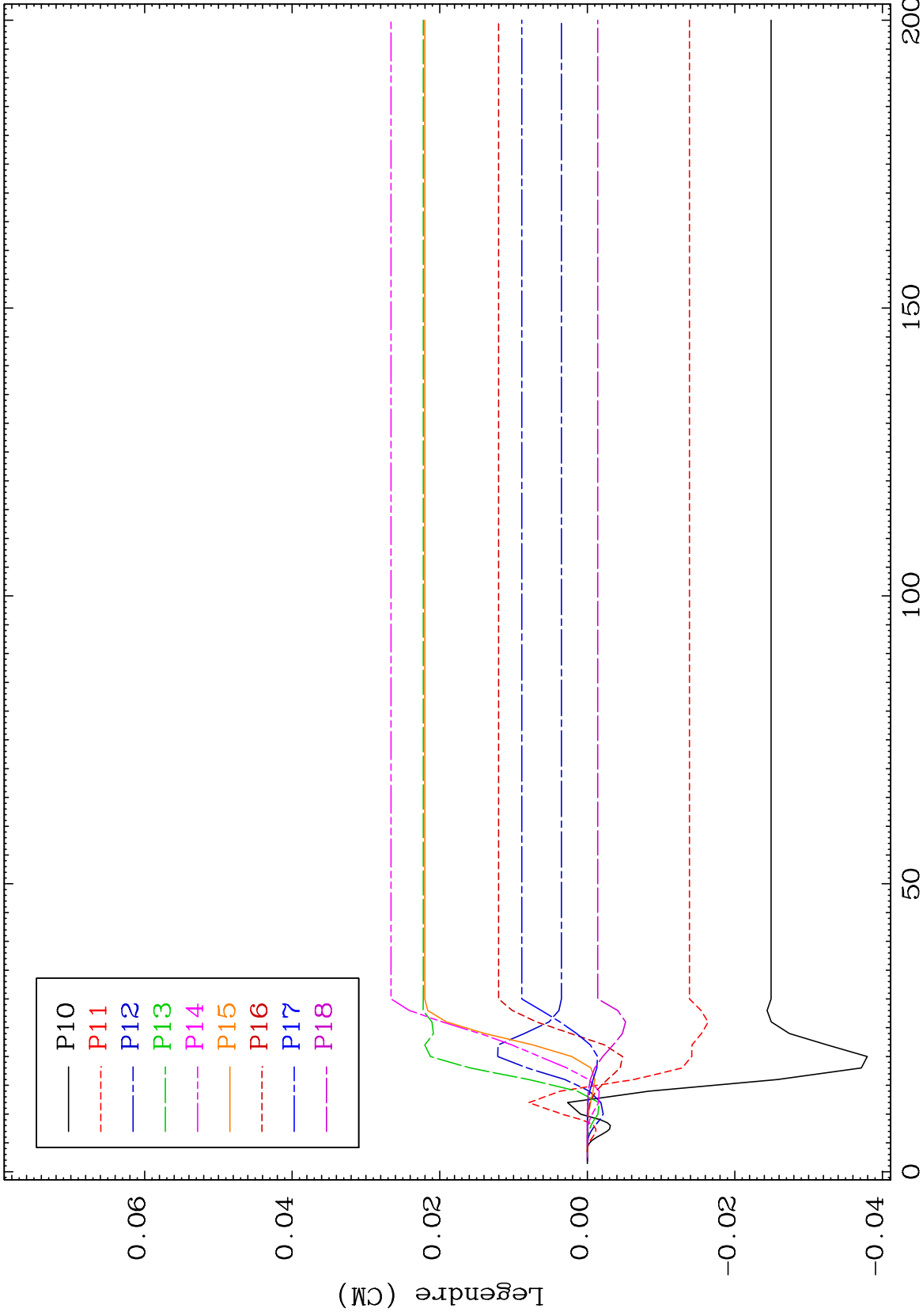
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



90

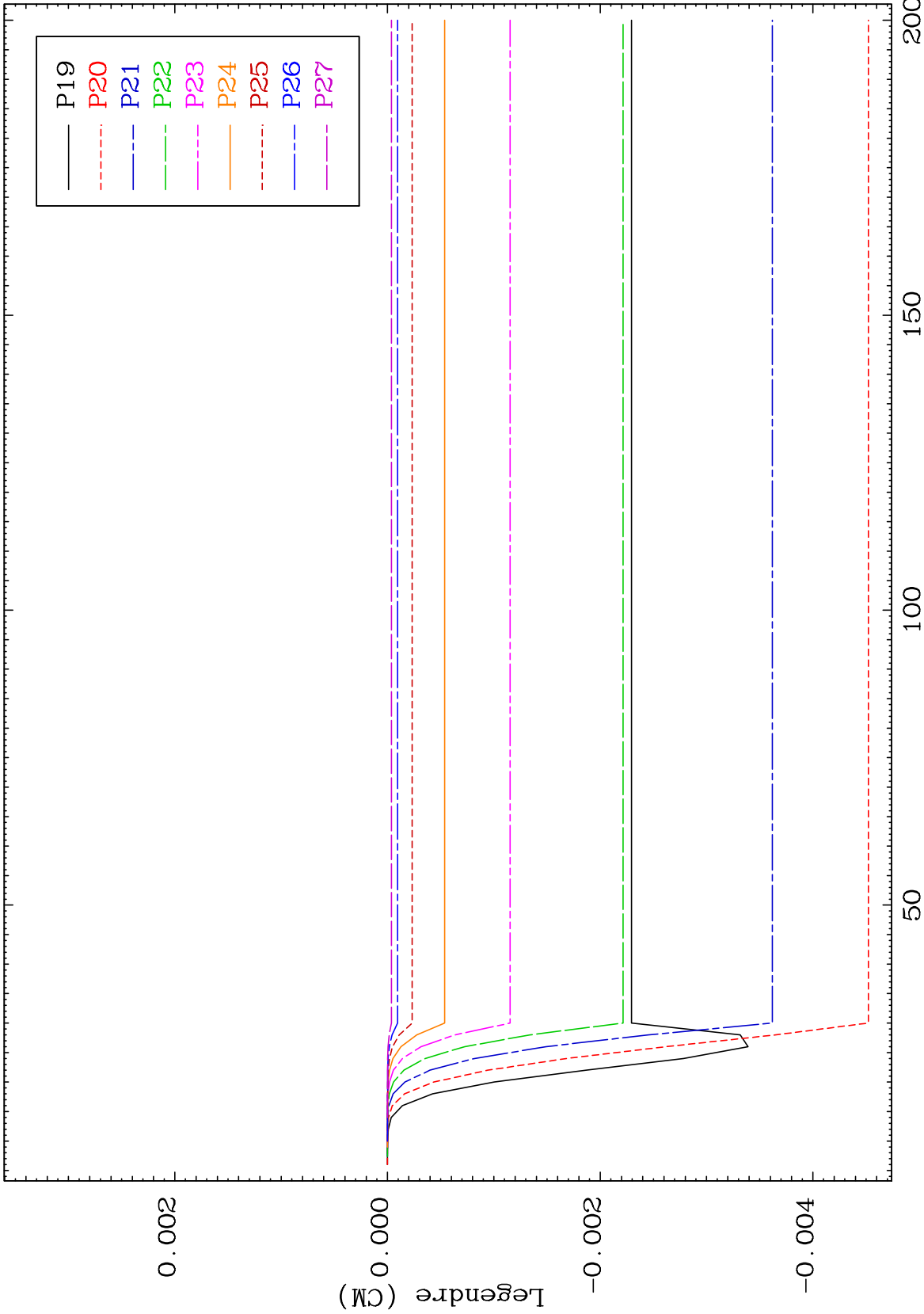
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



91

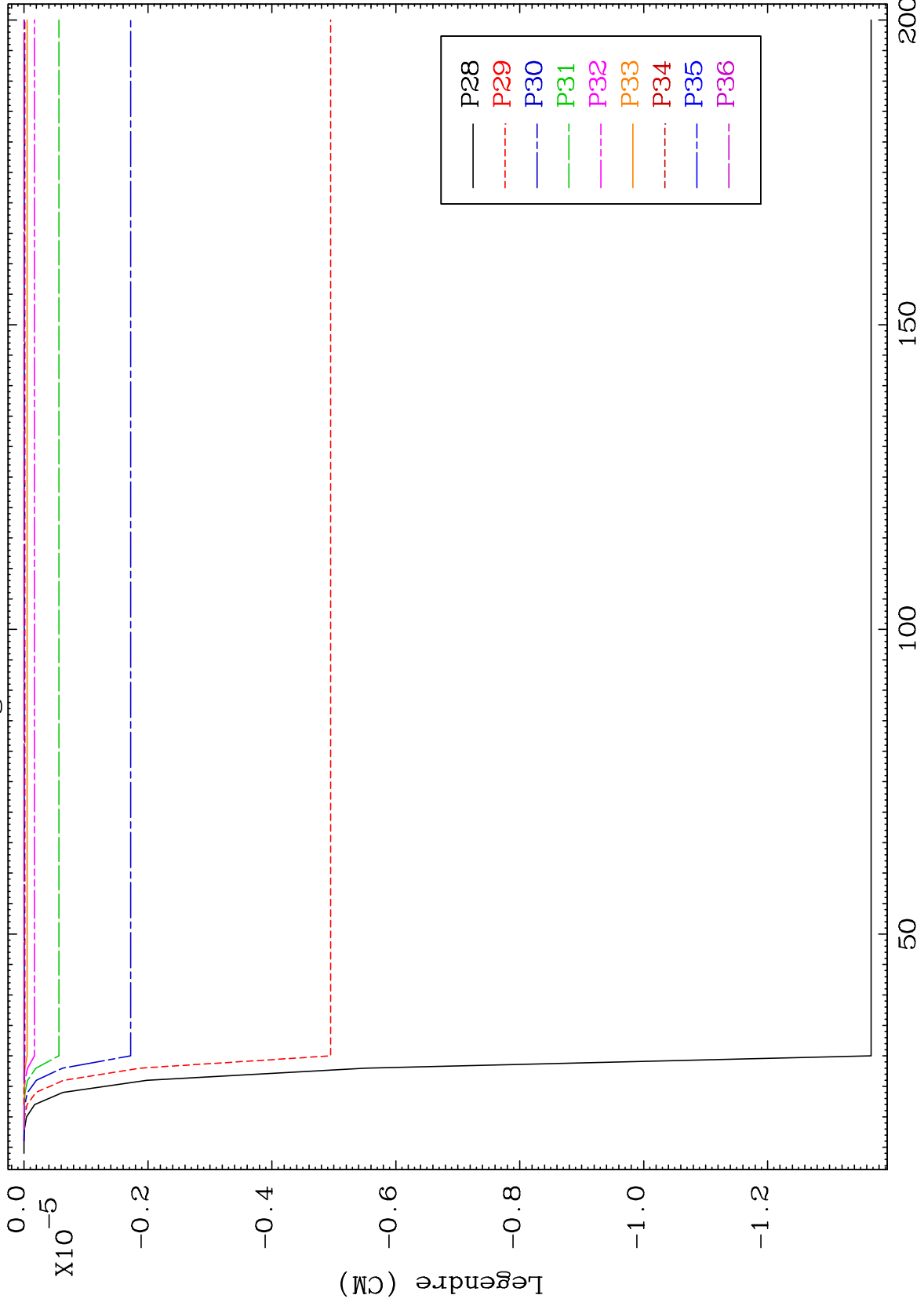
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

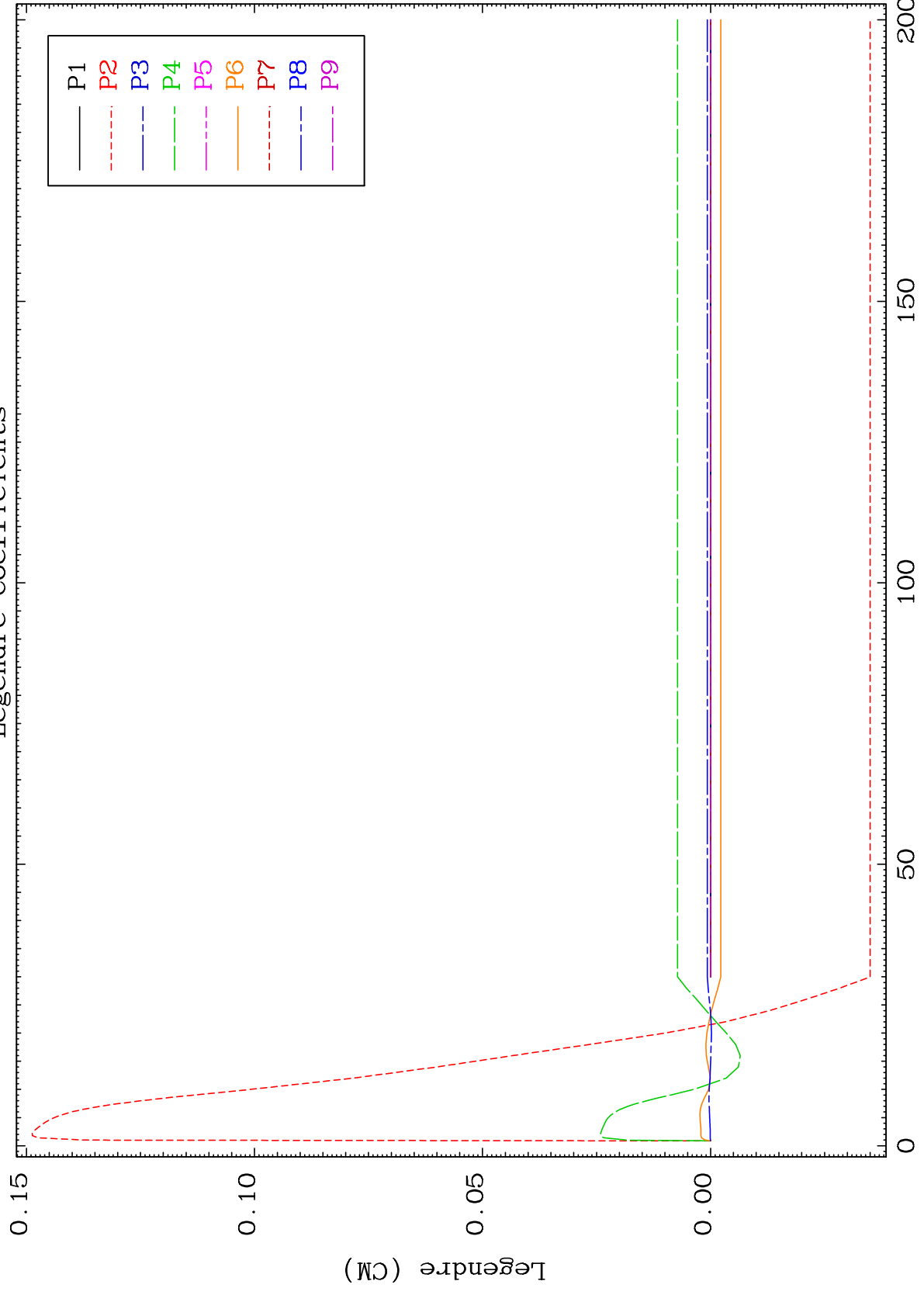


71-Lu-164

Incident Energy (MeV)

92

MAT 7092 MT= 72 (n,n') Level Legendre Coefficients 71-Lu-164

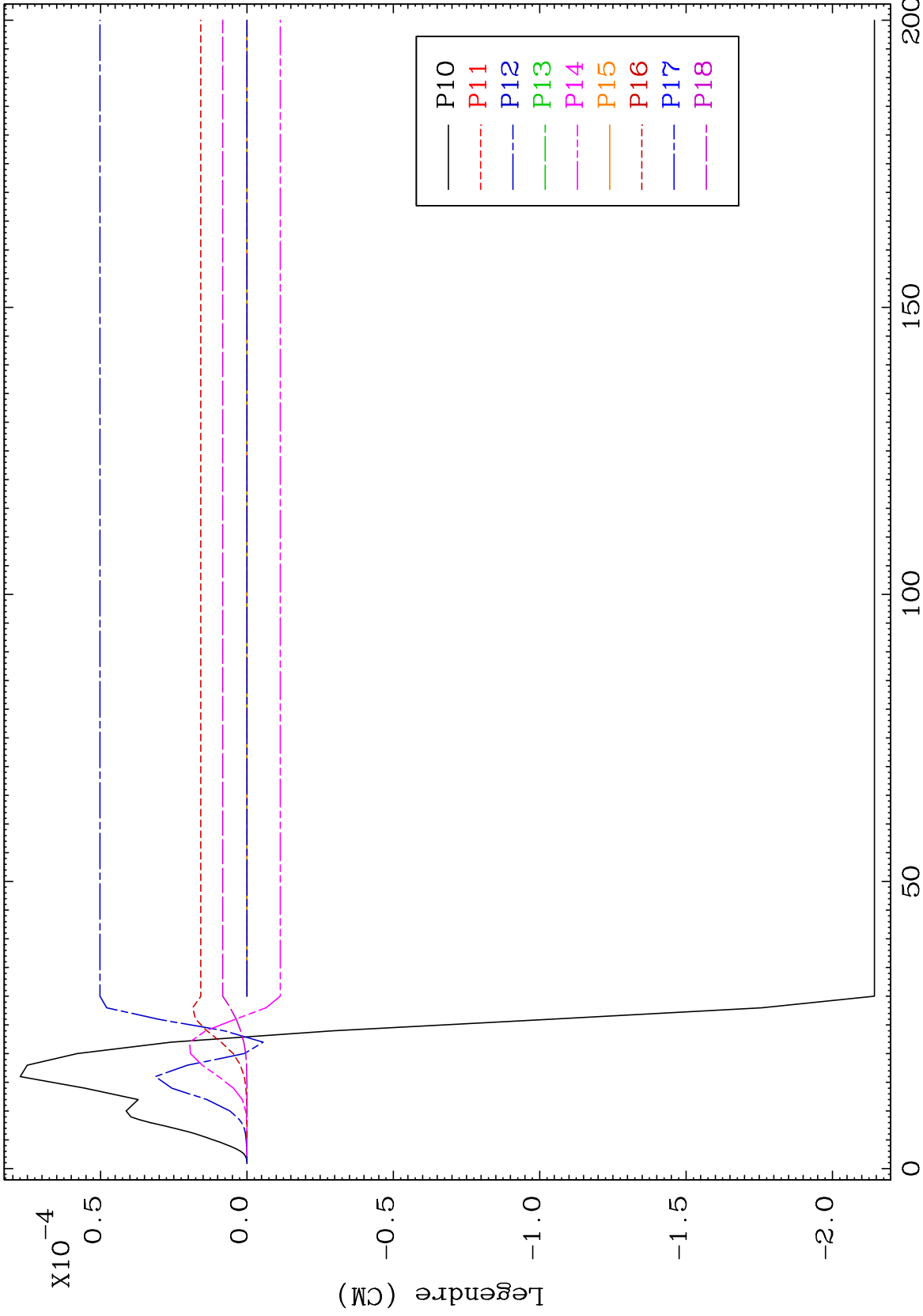


93 71-Lu-164

MAT 7092

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

71-Lu-164



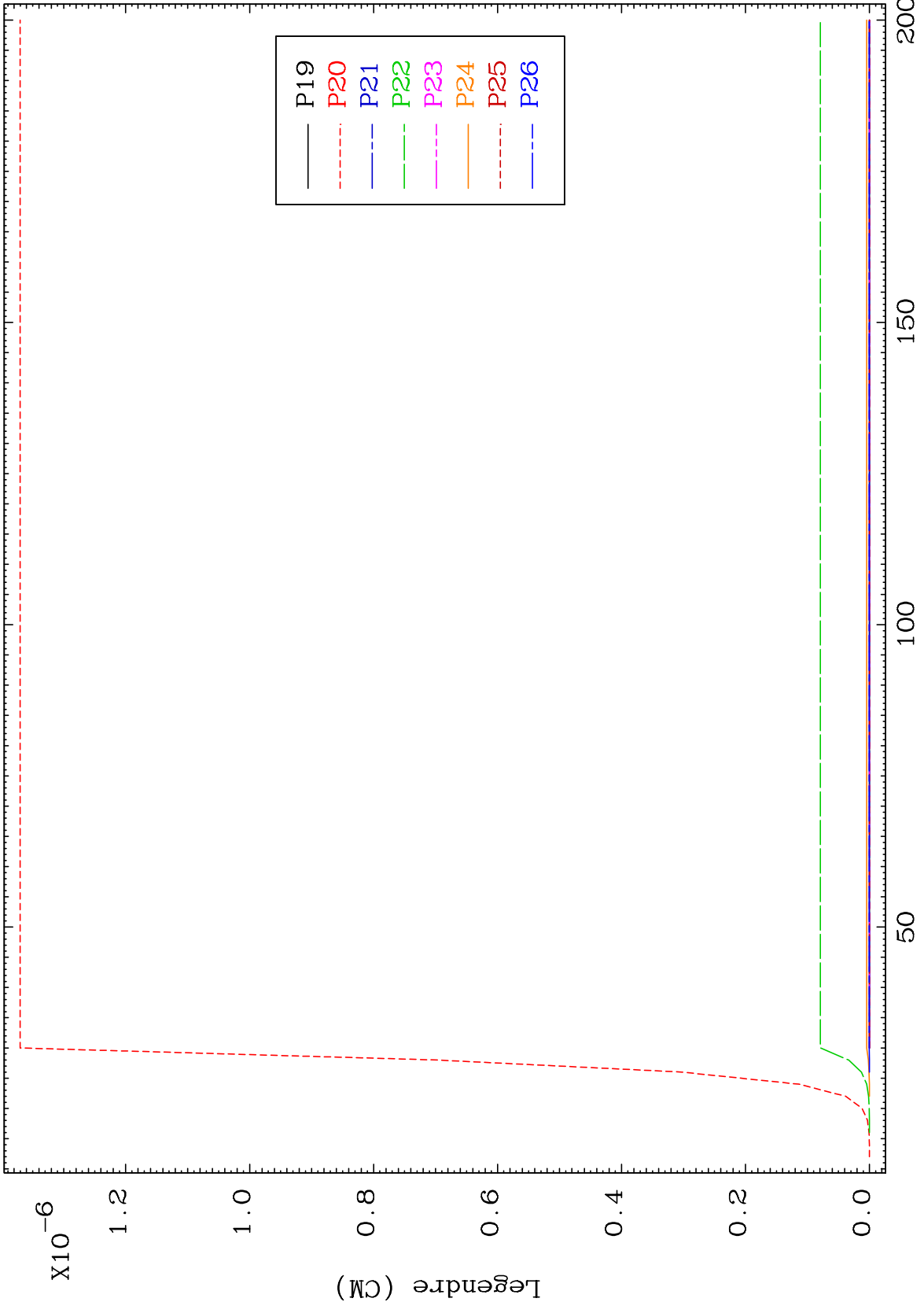
94

71-Lu-164

MAT 7092

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

71-Lu-164



95

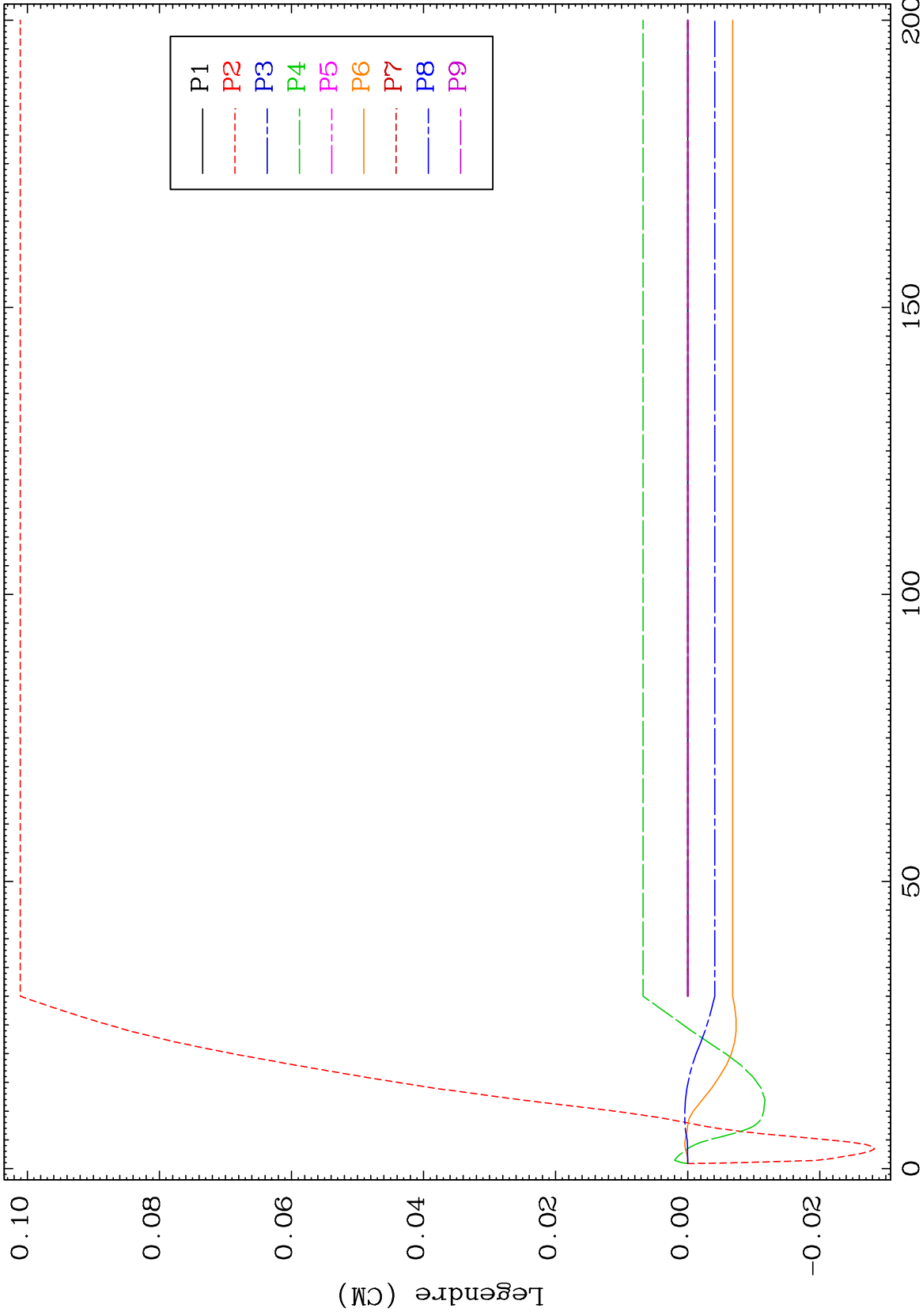
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



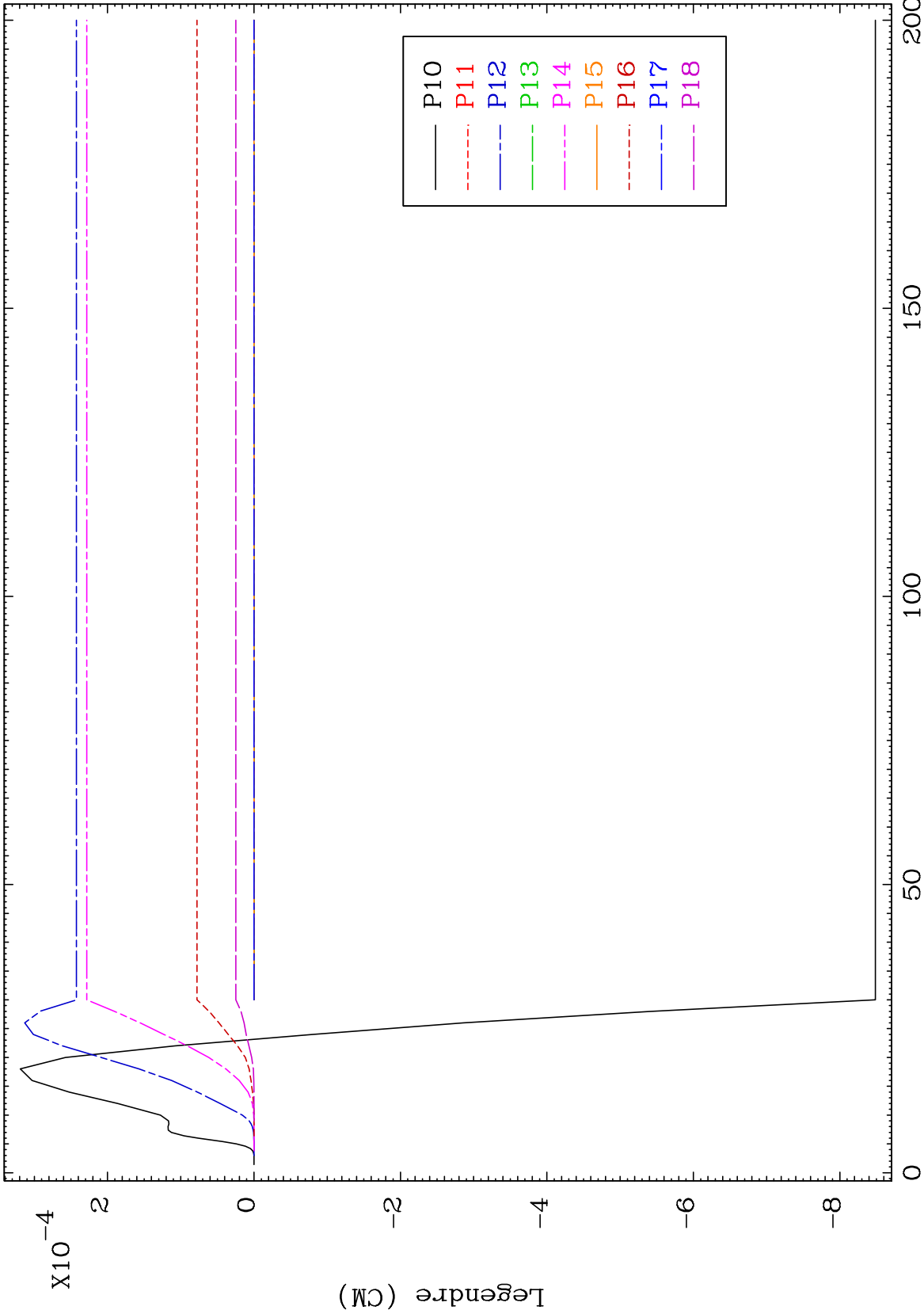
96

71-Lu-164

MAT 7092

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

71-Lu-164



97

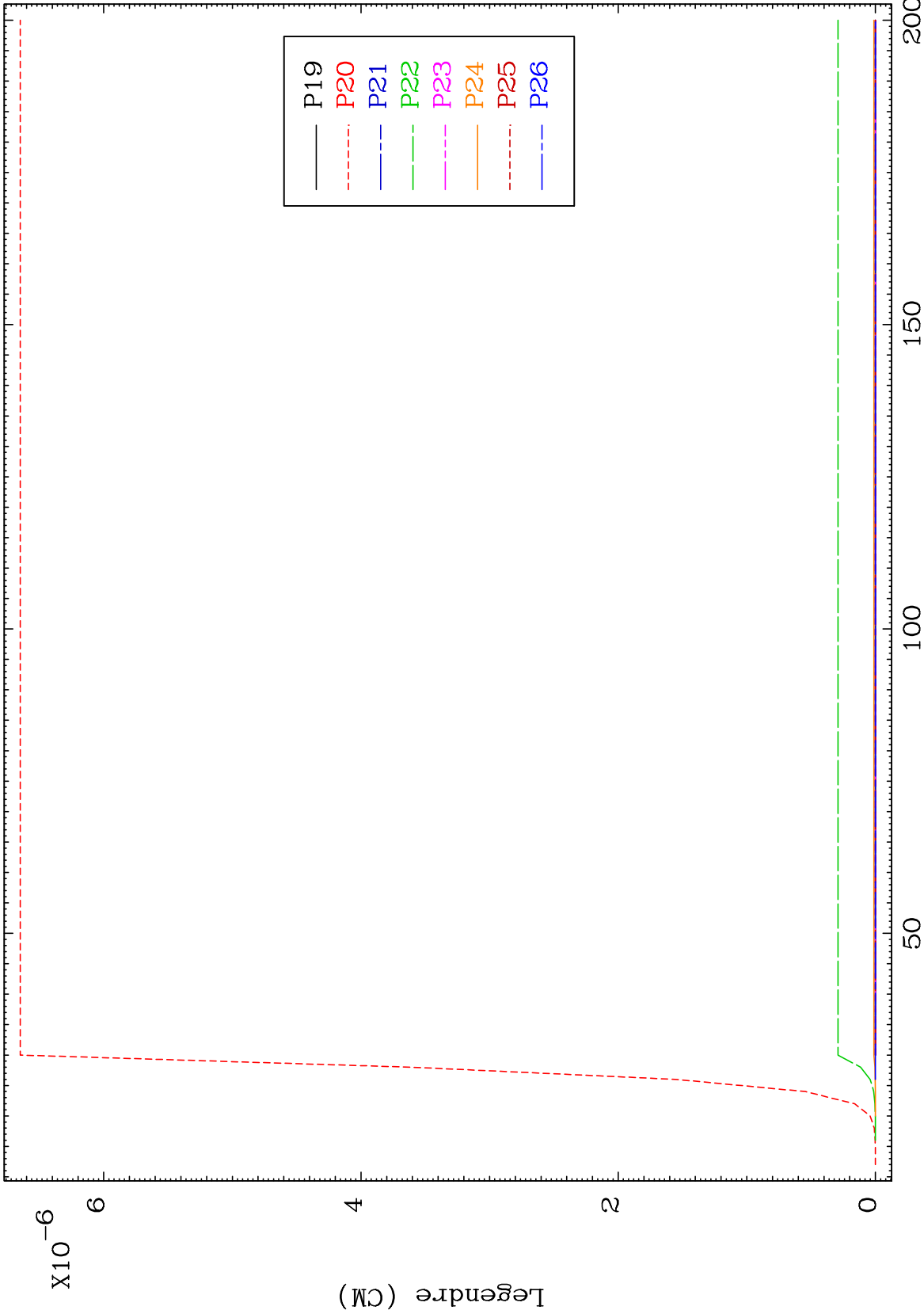
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

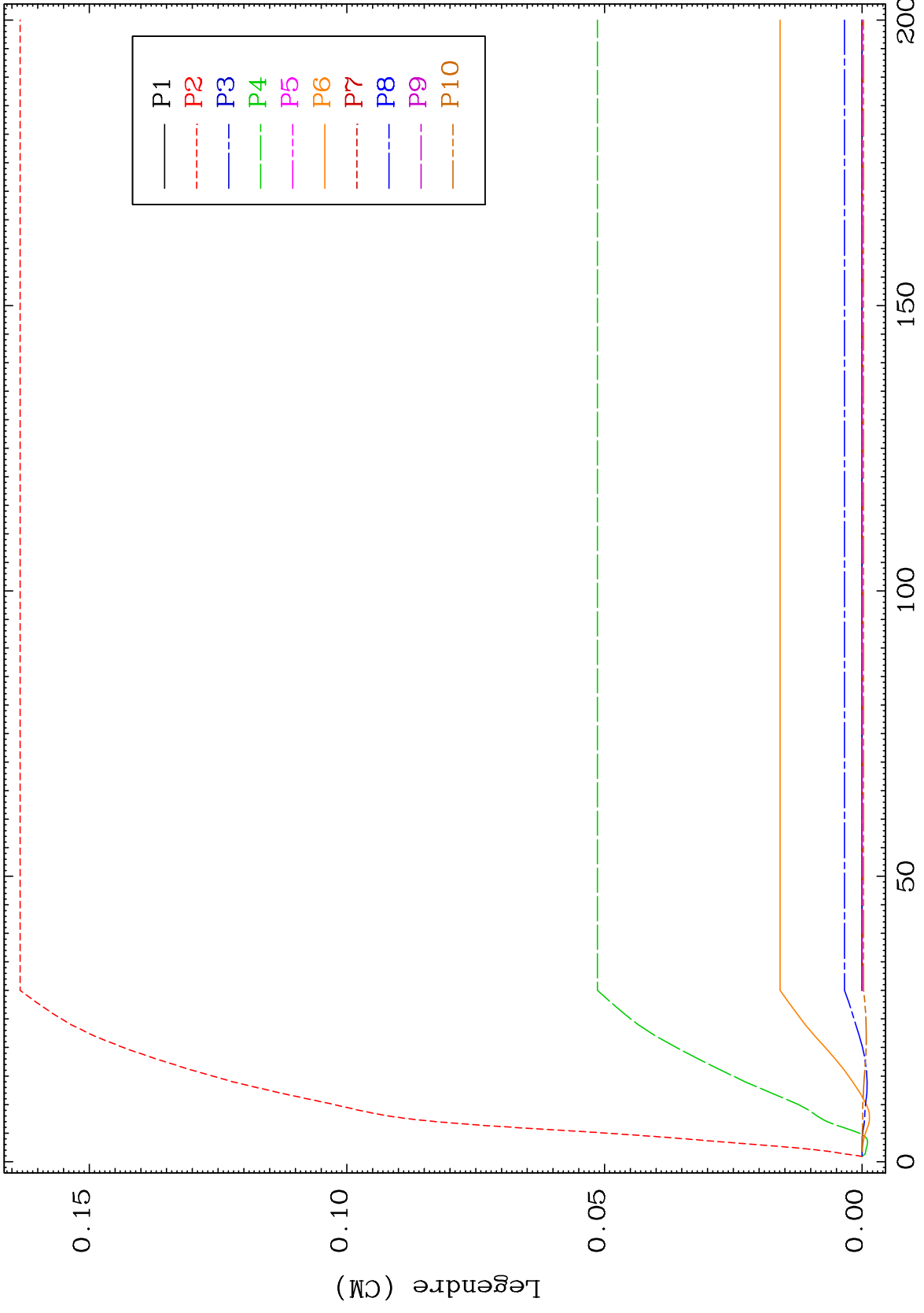


98

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 74 (n,n') Level Legendre Coefficients 71-Lu-164

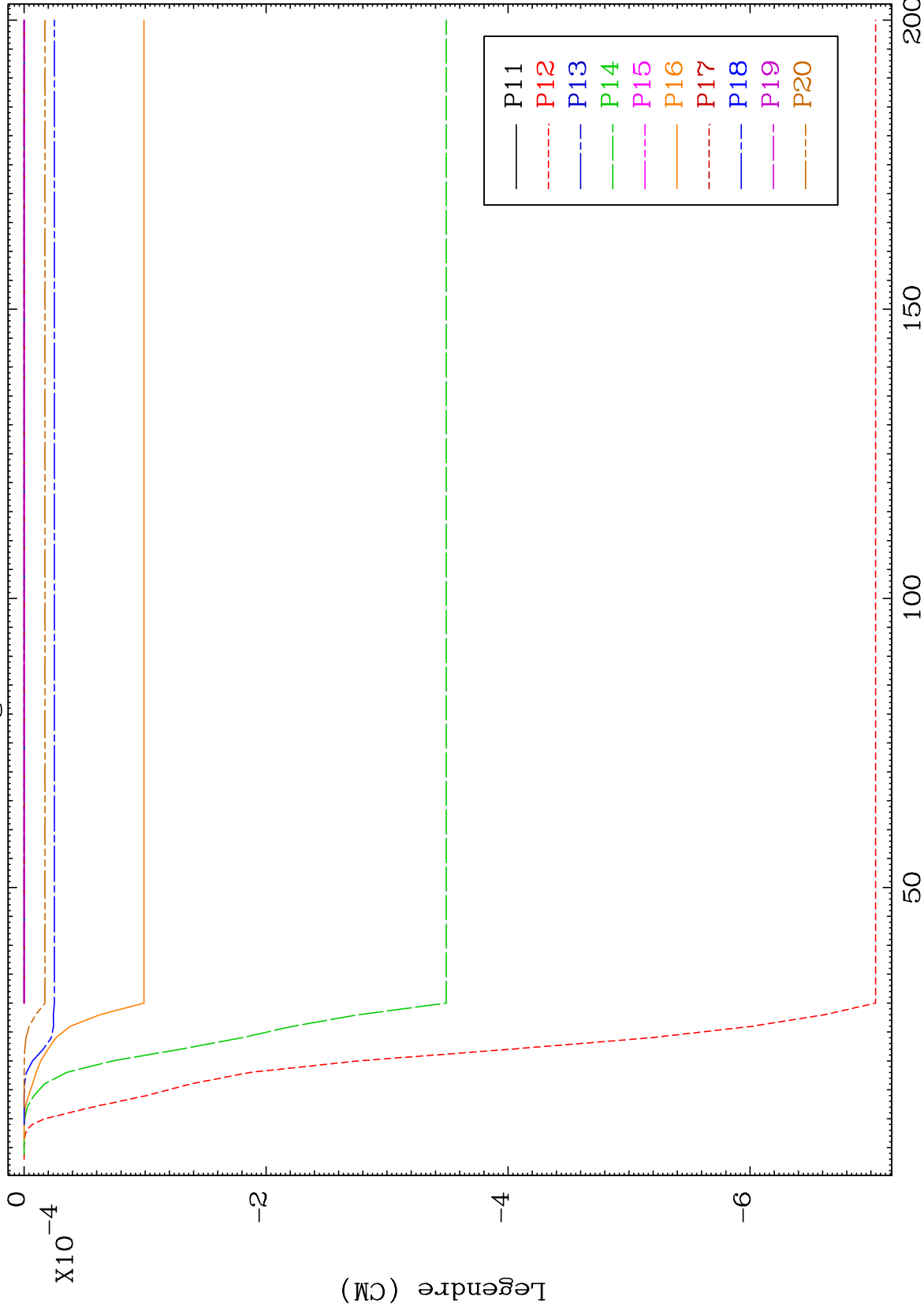


99 71-Lu-164

MAT 7092

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

71-Lu-164



71-Lu-164

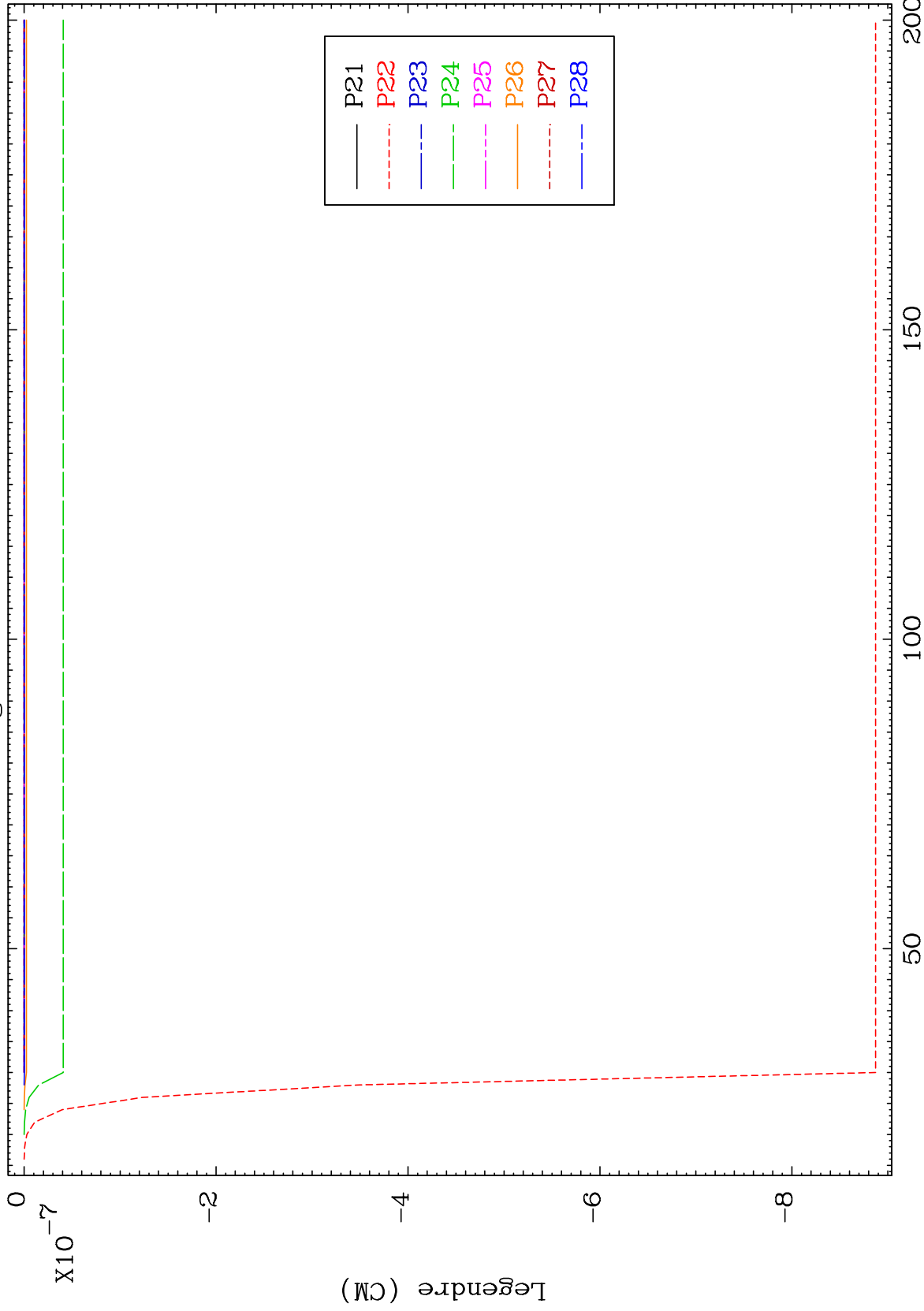
Incident Energy (MeV)

100

MAT 7092

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

71-Lu-164

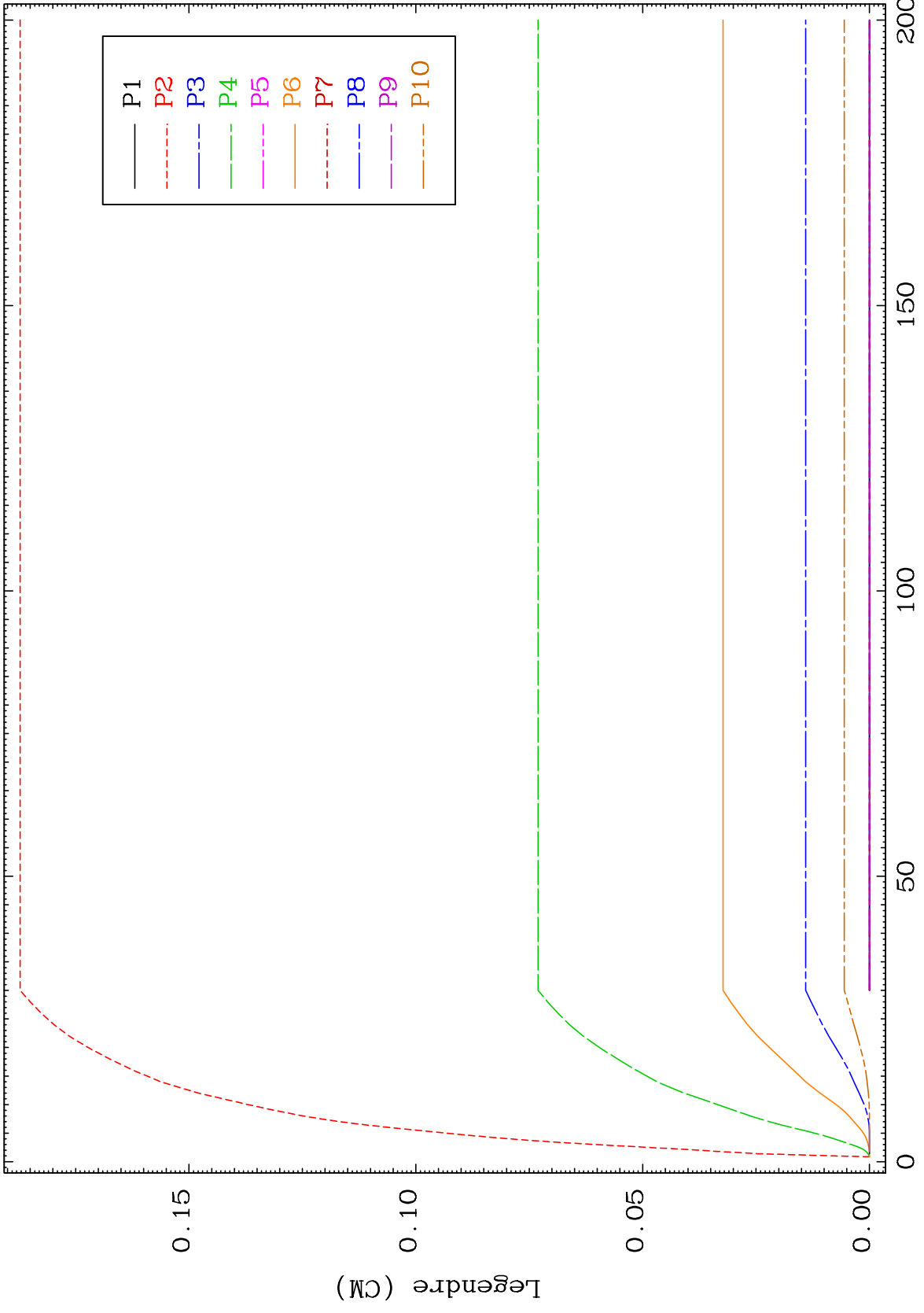


71-Lu-164

Incident Energy (MeV)

101

MAT 7092 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-164

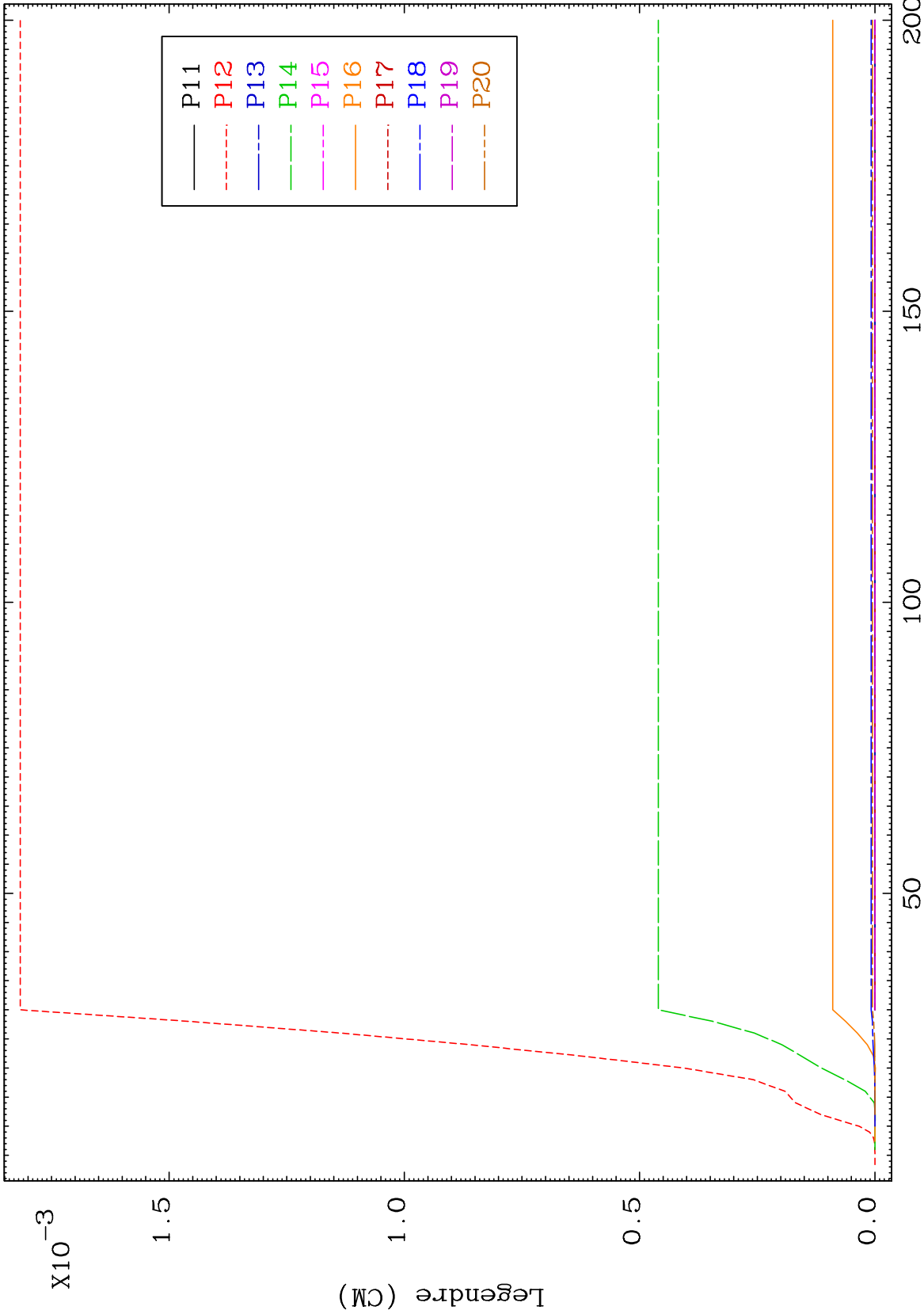


102 Incident Energy (MeV) 71-Lu-164

MAT 7092

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

71-Lu-164



103

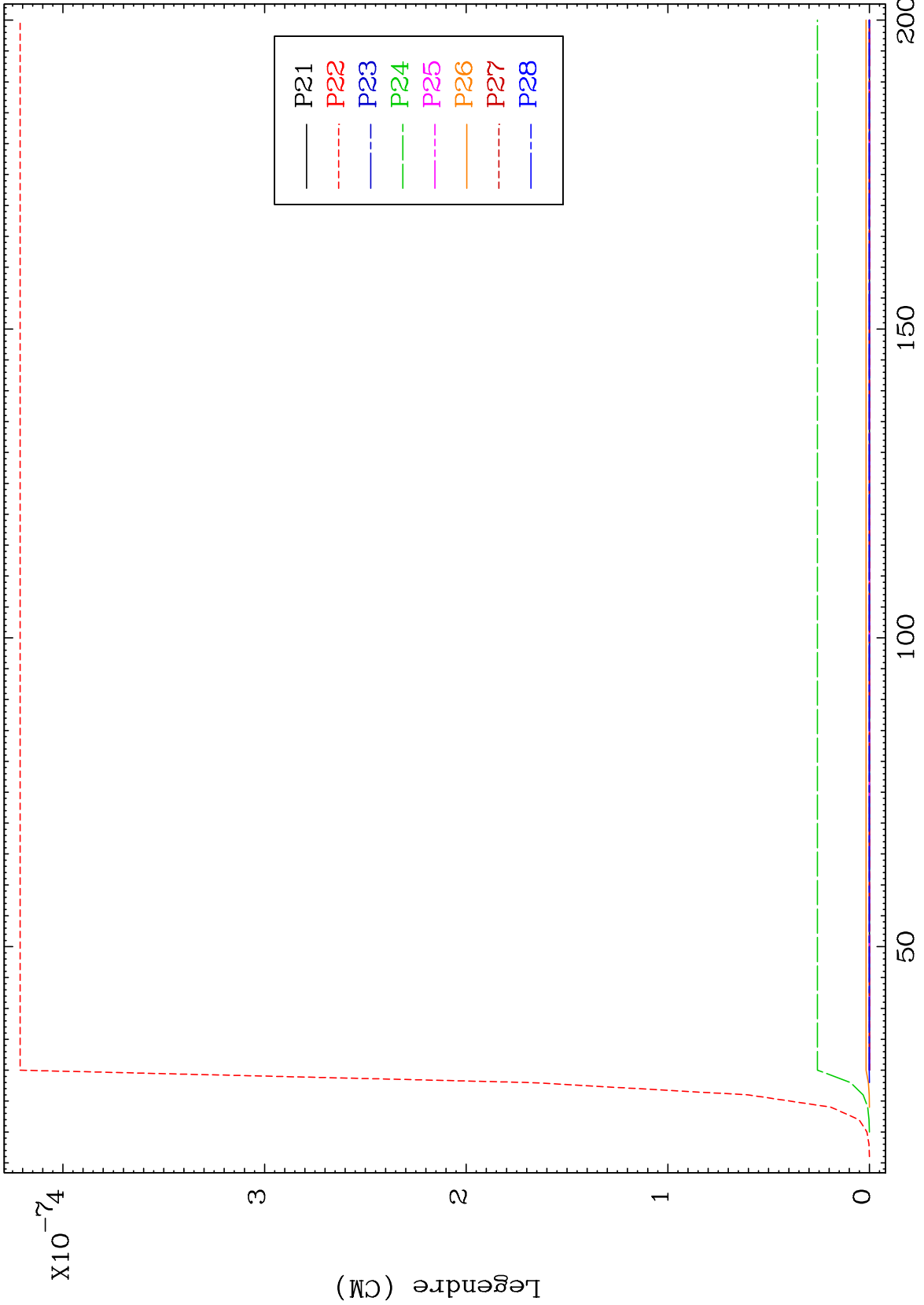
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164

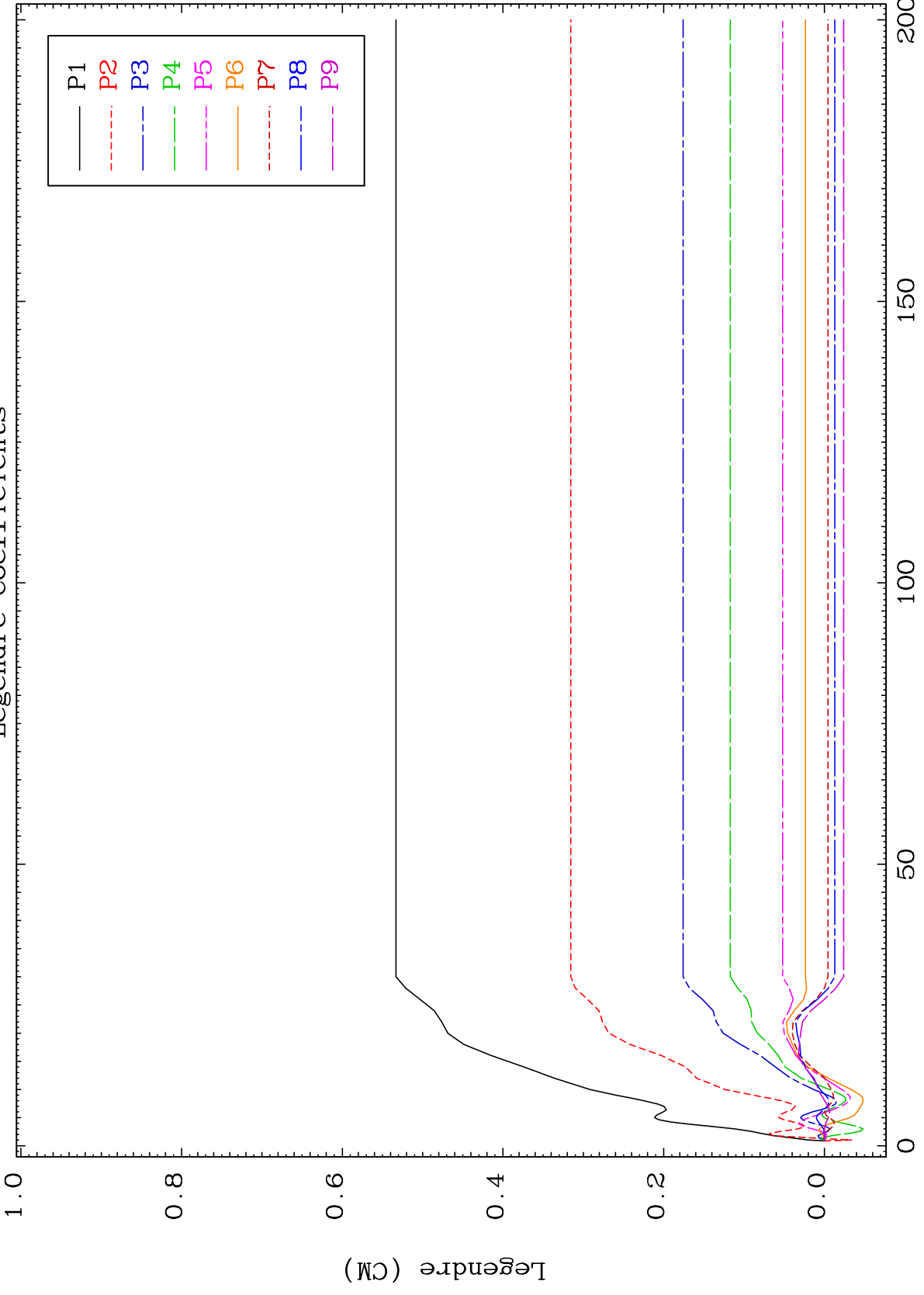


104

Incident Energy (MeV)

71-Lu-164

MAT 7092 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-164

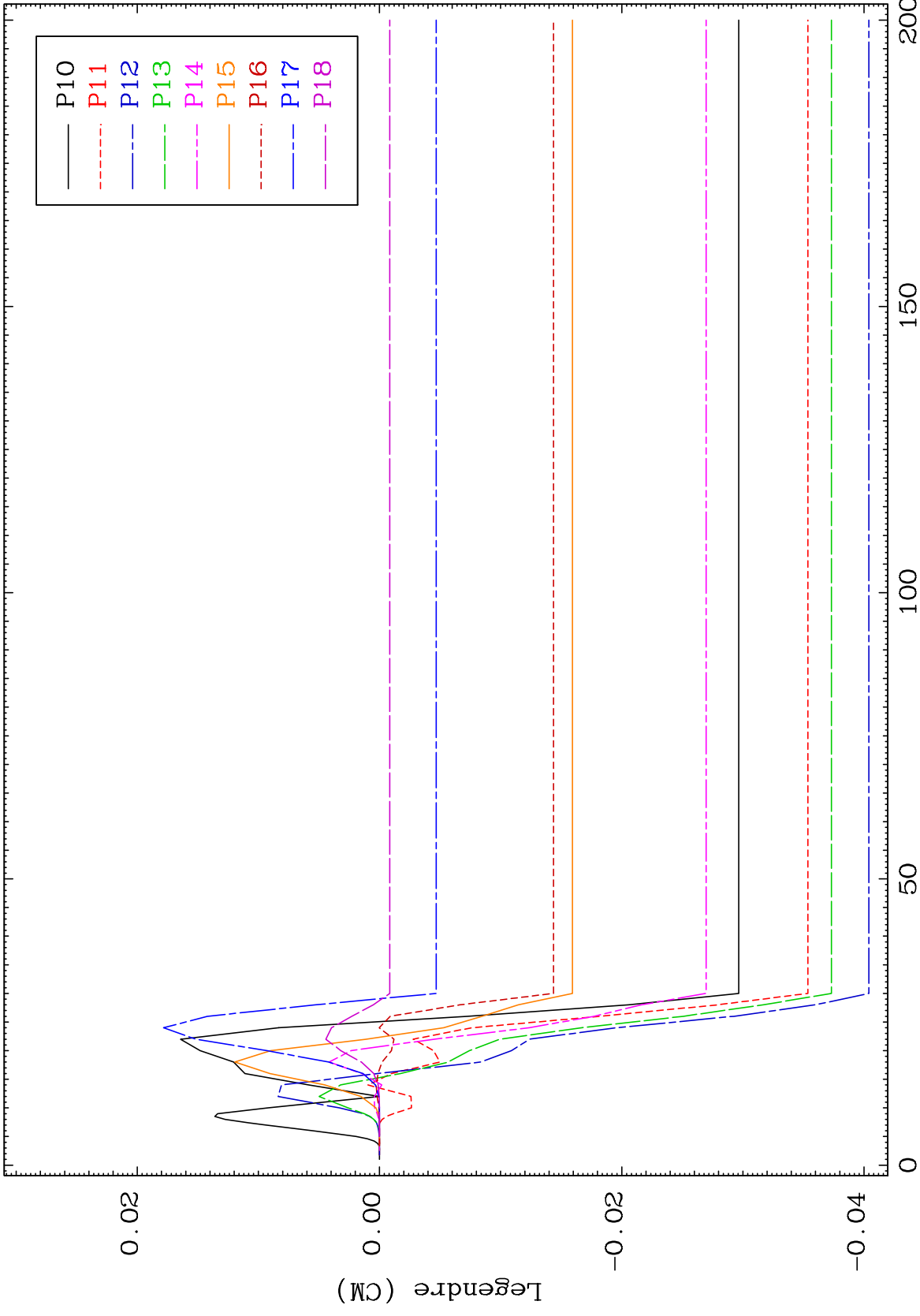


105 150 200 71-Lu-164

MAT 7092

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

71-Lu-164



106

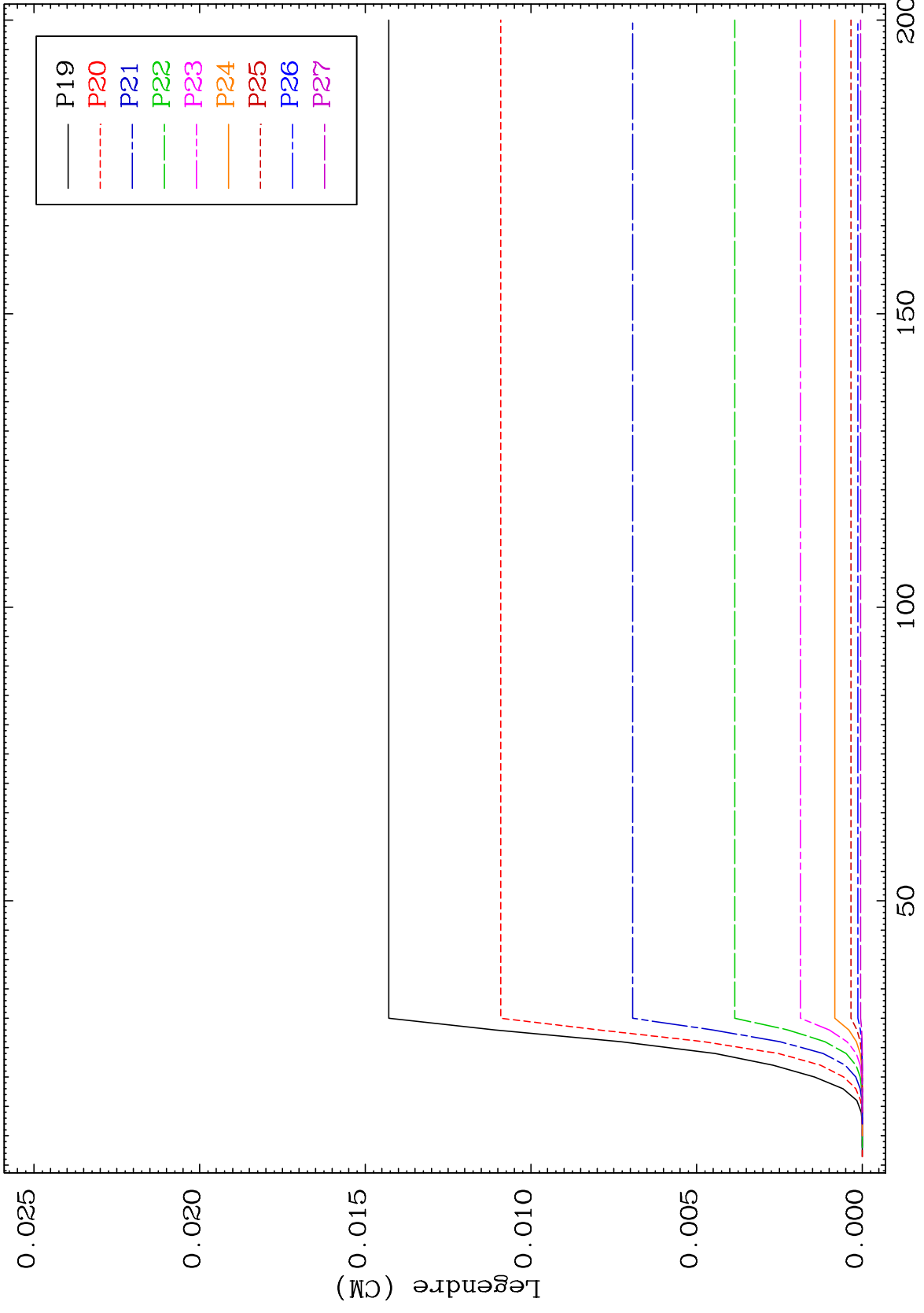
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



107

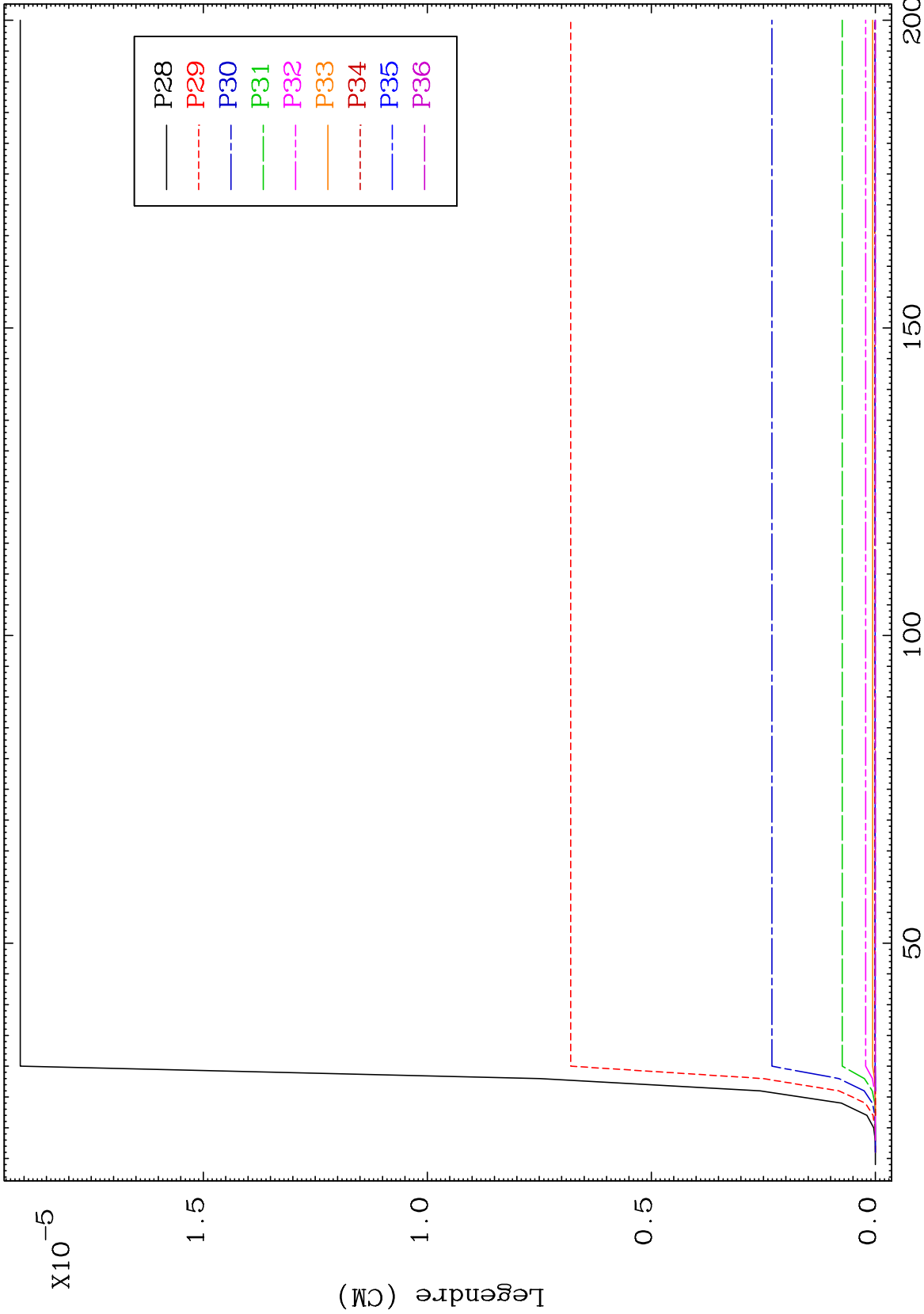
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



108

Incident Energy (MeV)

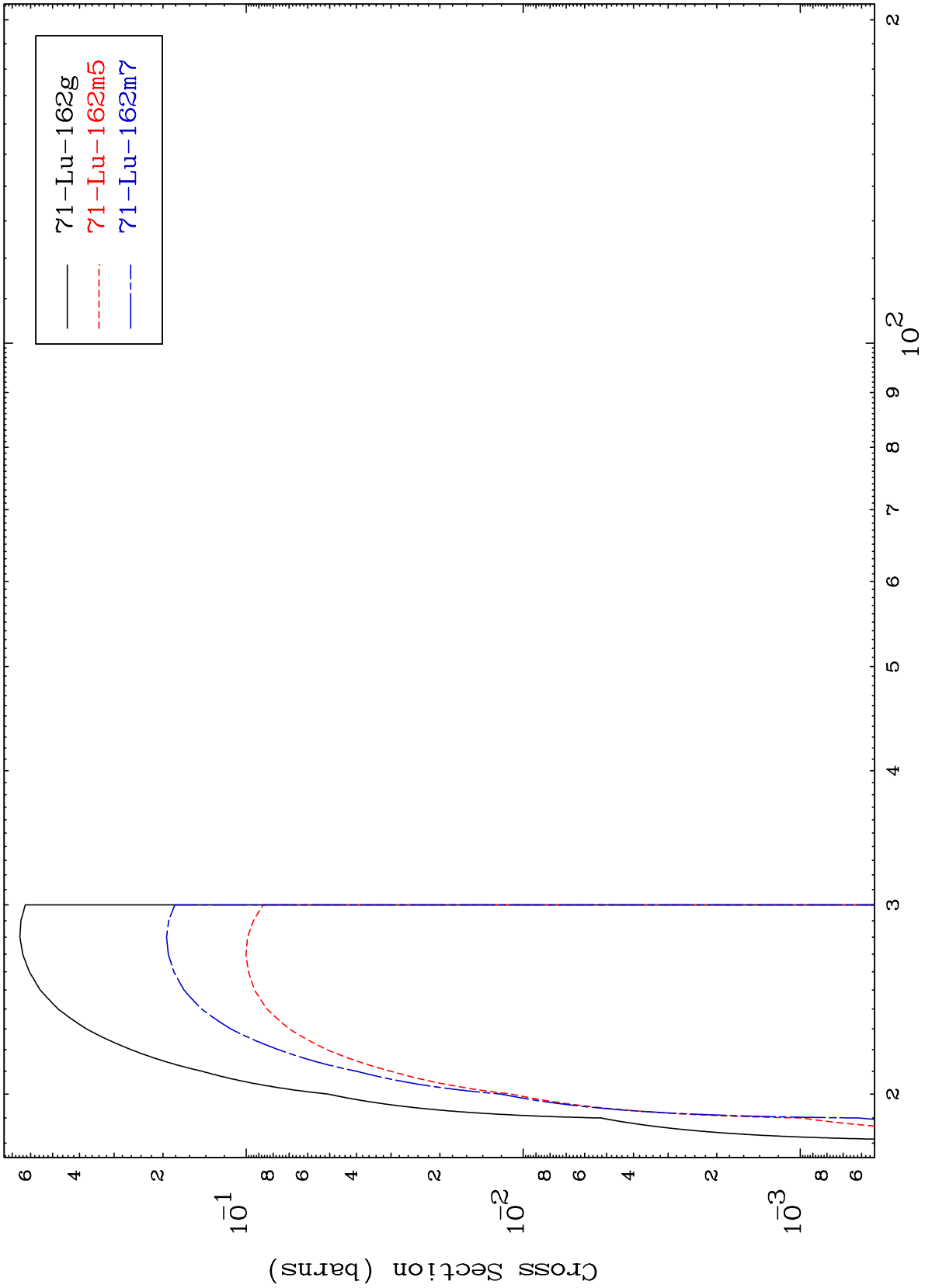
71-Lu-164

MAT 7092

(n,3n)

71-Lu-164

Radionuclide Production Cross Section



109

Incident Energy (MeV)

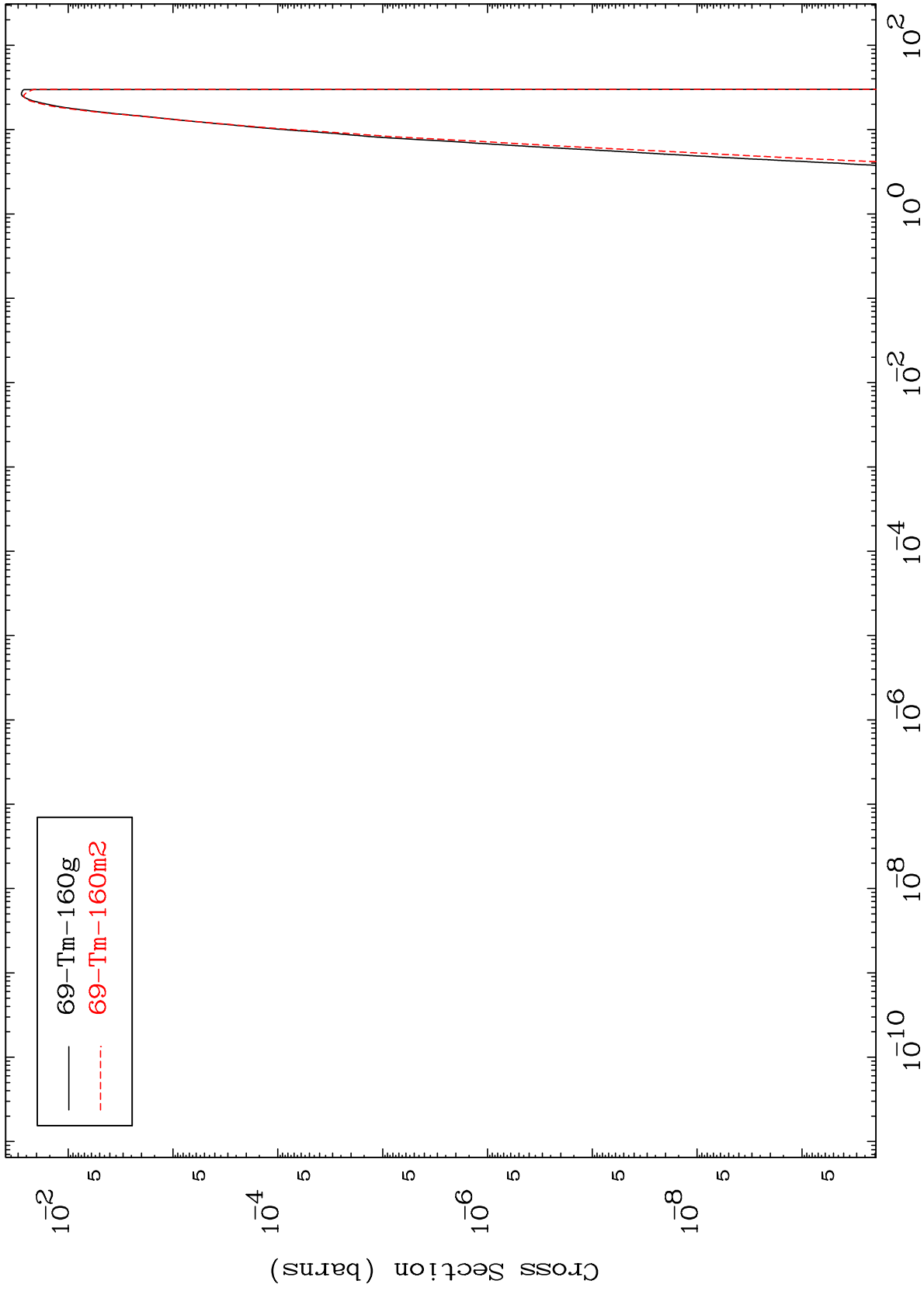
71-Lu-164

MAT 7092

(n,n') α

71-Lu-164

Radionuclide Production Cross Section



110

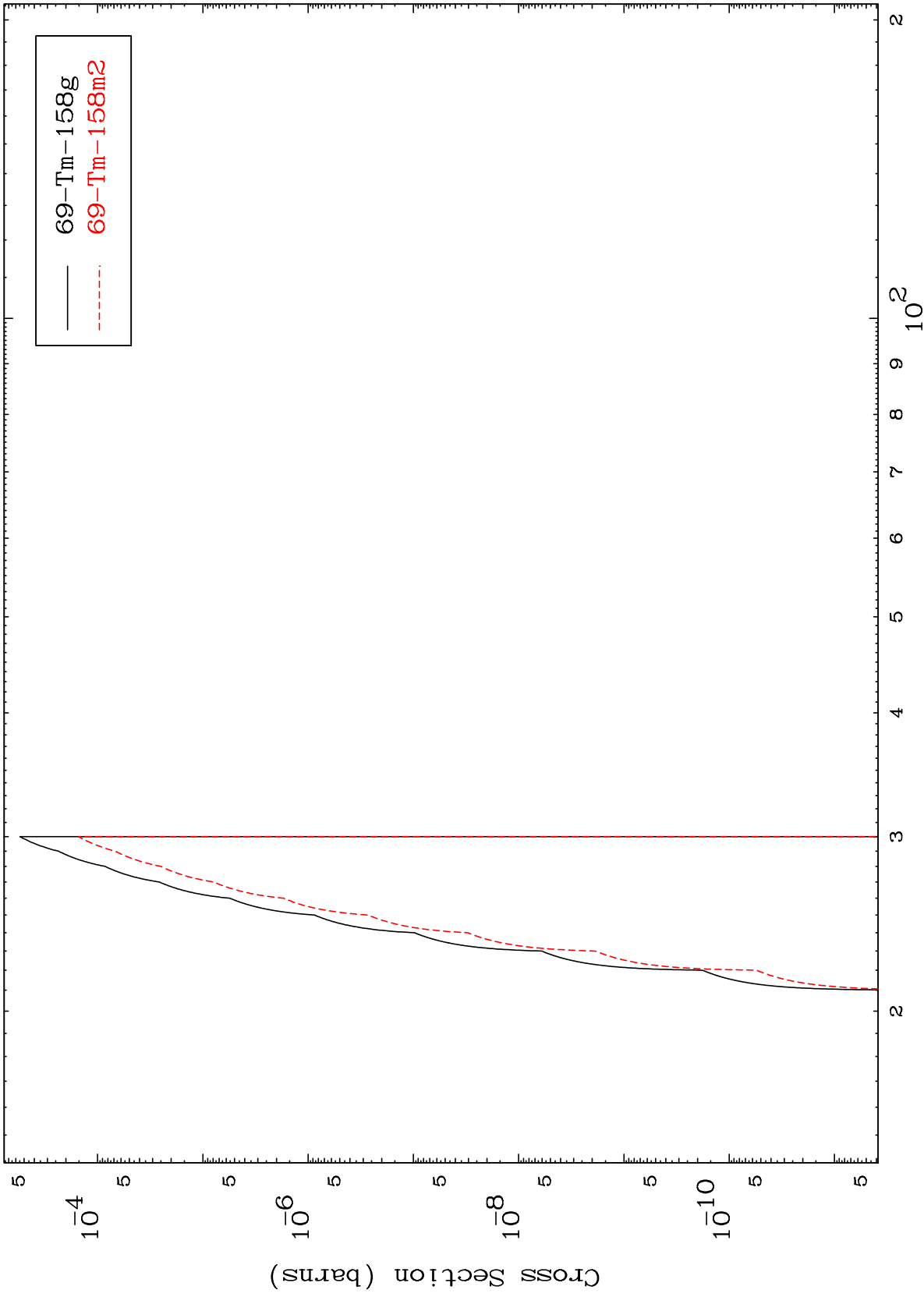
71-Lu-164

MAT 7092

(n,3n) α

71-Lu-164

Radionuclide Production Cross Section



111

Incident Energy (MeV)

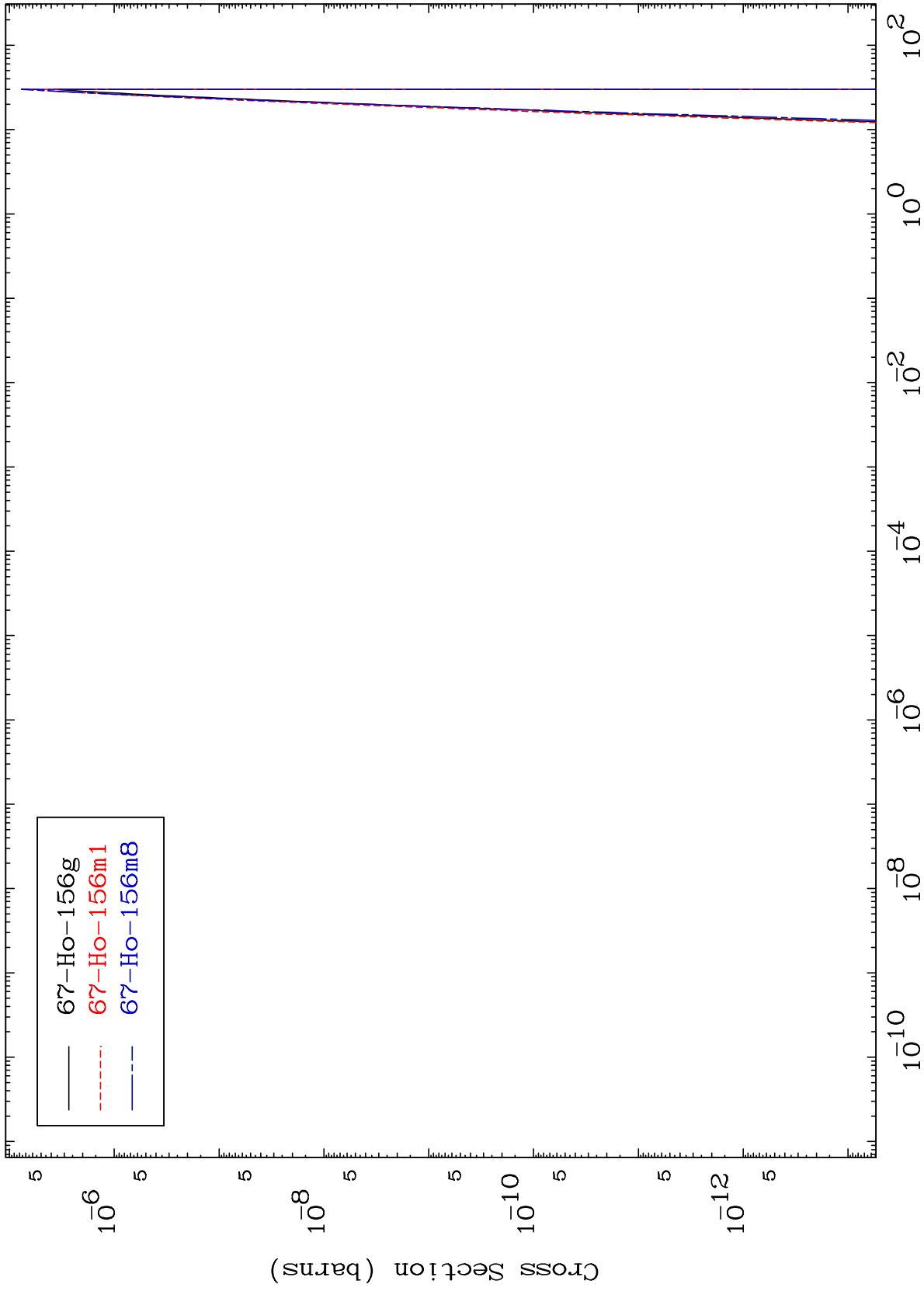
71-Lu-164

MAT 7092

(n,n') 2 α

71-Lu-164

Radionuclide Production Cross Section



112

Incident Energy (MeV)

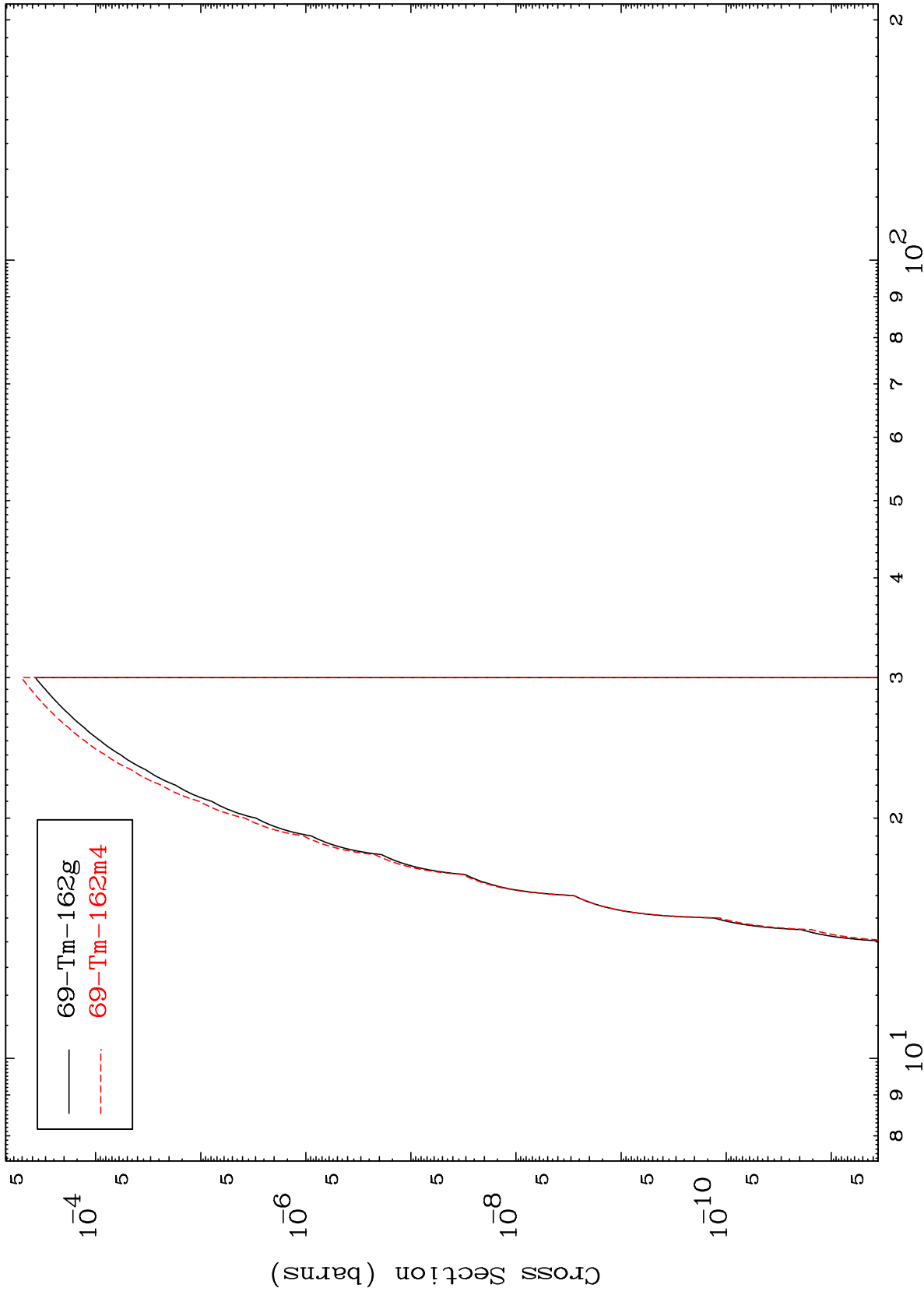
71-Lu-164

MAT 7092

(n,2n) p

71-Lu-164

Radionuclide Production Cross Section

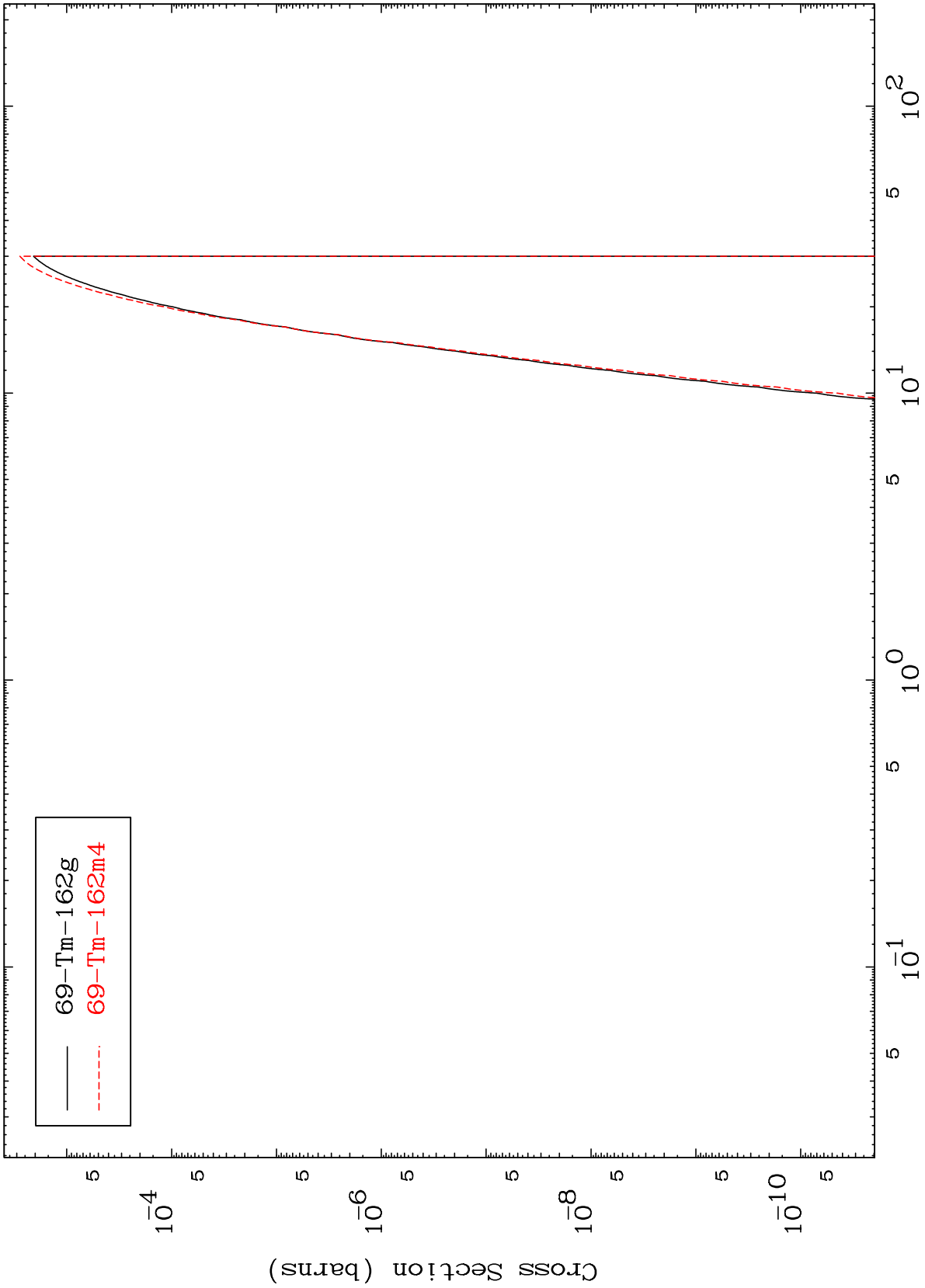


113

Incident Energy (MeV)

71-Lu-164

Radionuclide Production Cross Section



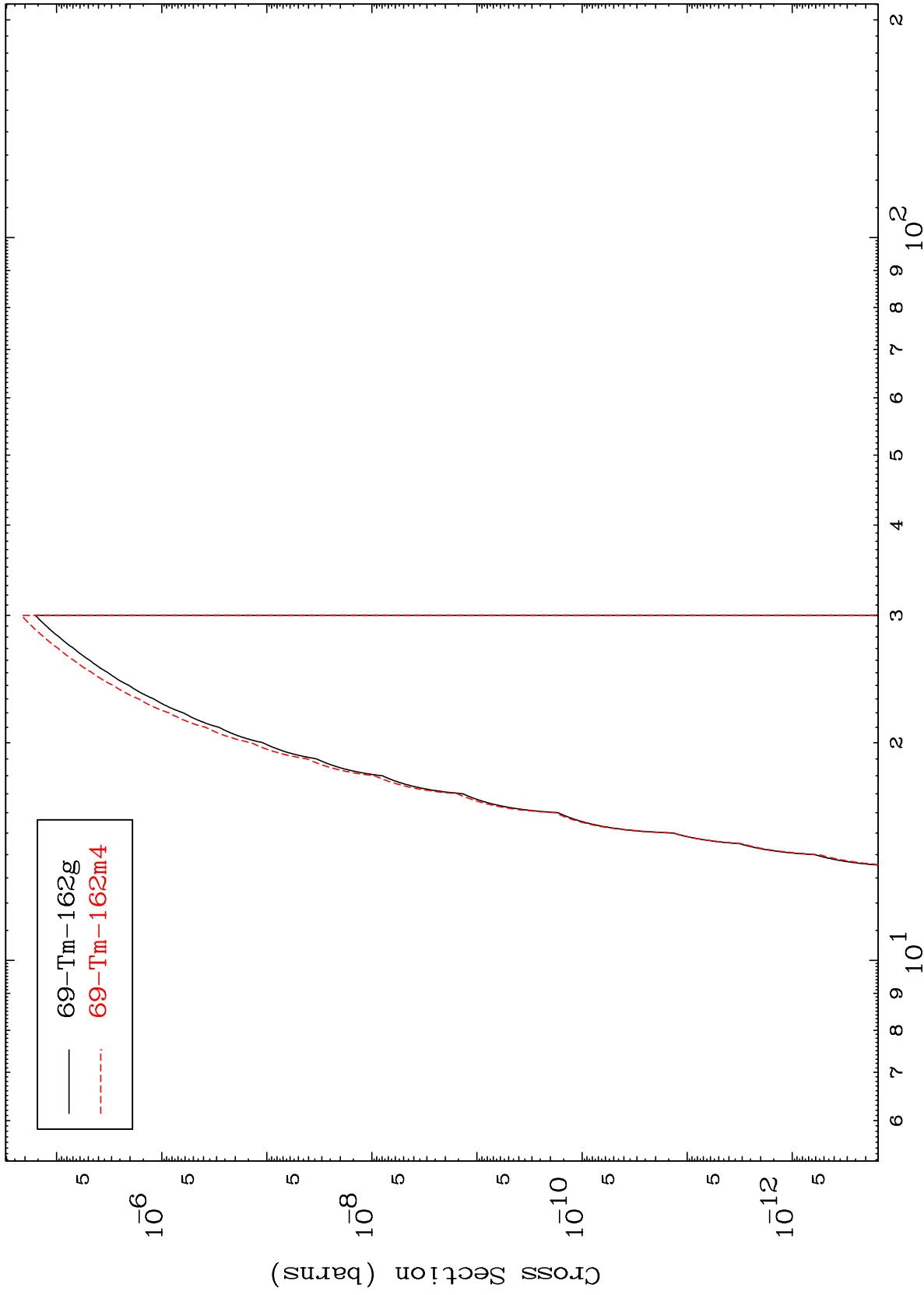
69-Tm-162g
69-Tm-162m4

MAT 7092

(n,p) d

⁷¹Lu-164

Radionuclide Production Cross Section



115

Incident Energy (MeV)

⁷¹Lu-164