

Program EVALPLOT
(Version 2018-1)

by

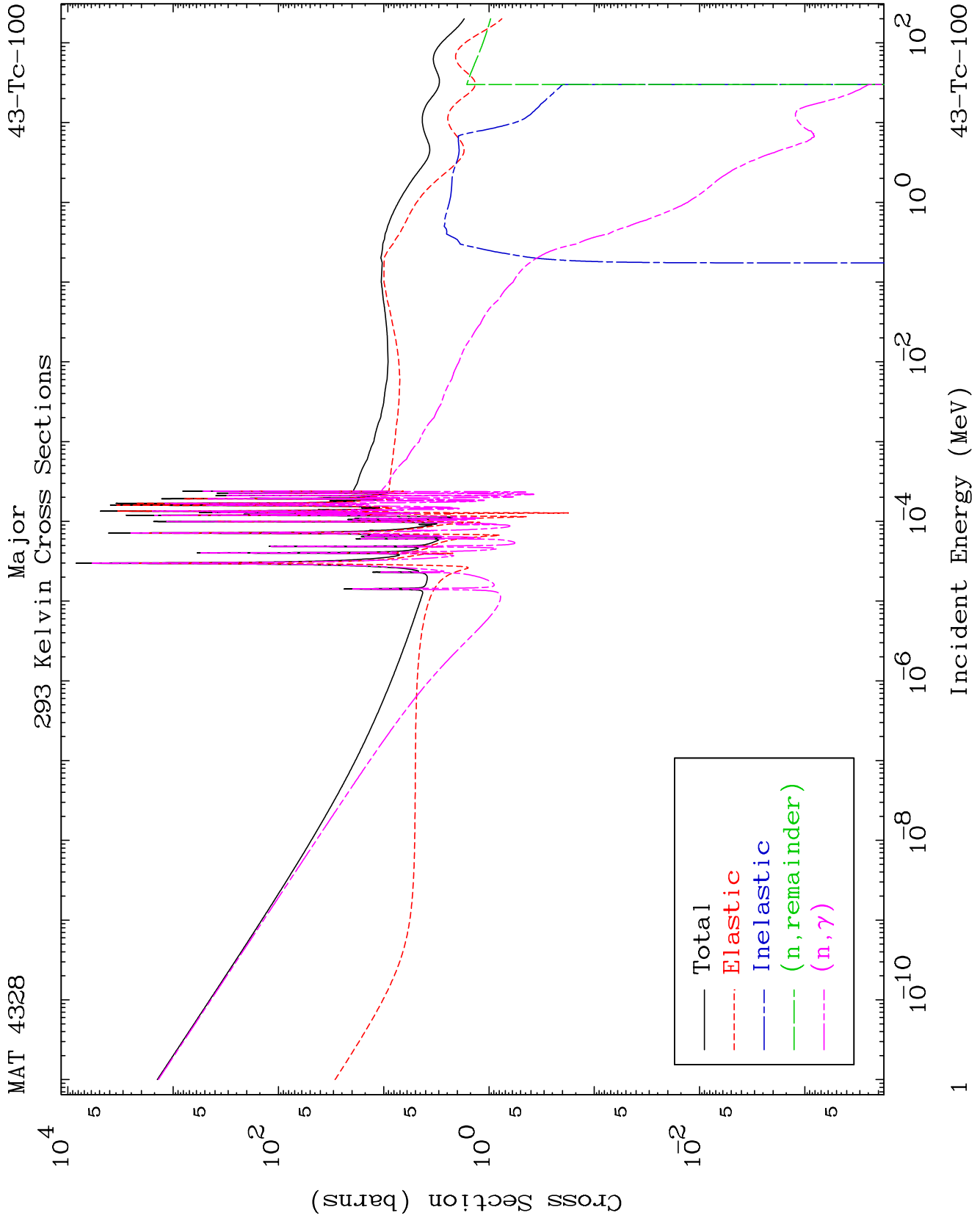
Dermott E. Cullen
(Present Contact Information)

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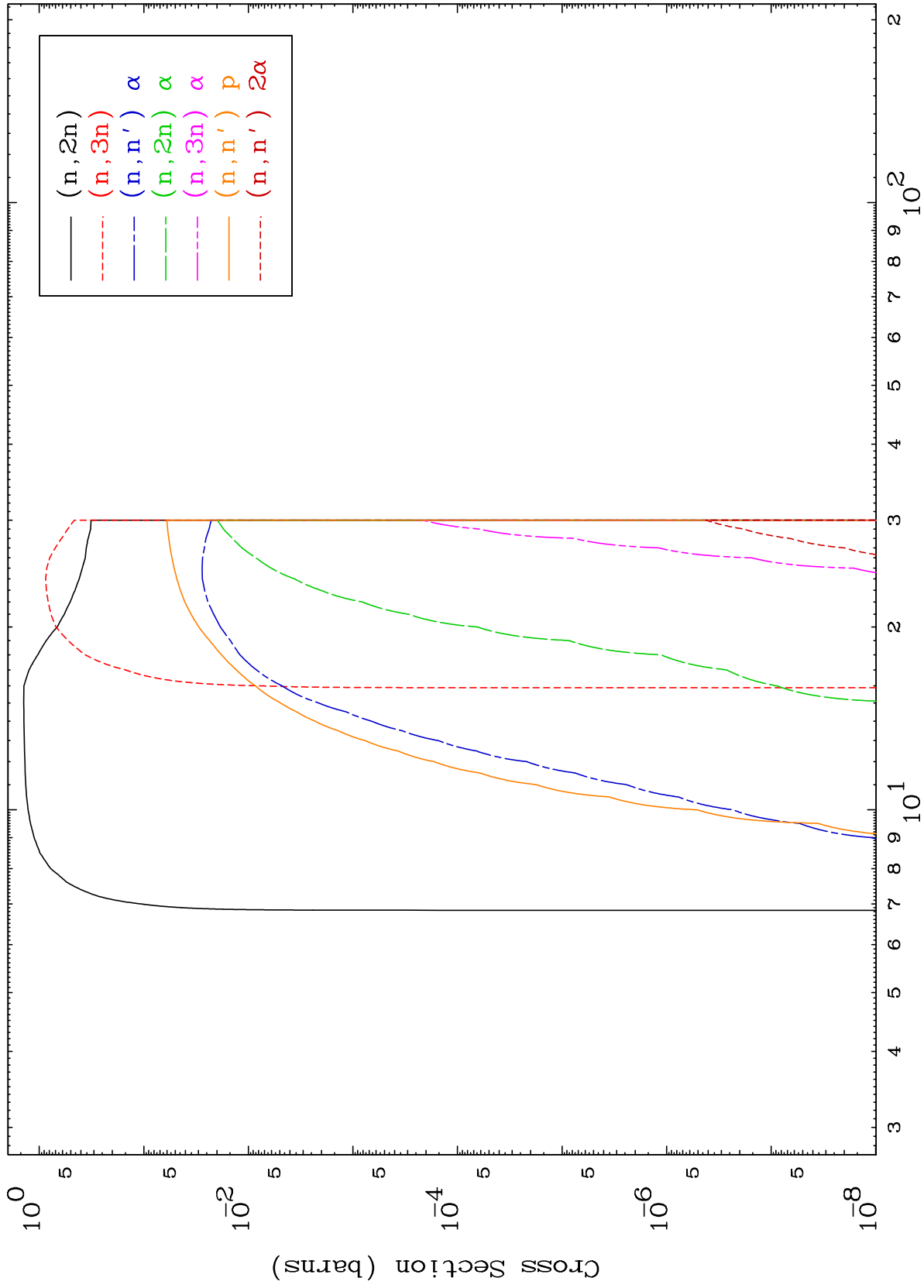
Press Mouse Button to Start



MAT 4328

Neutron Production
293 Kelvin Cross Sections

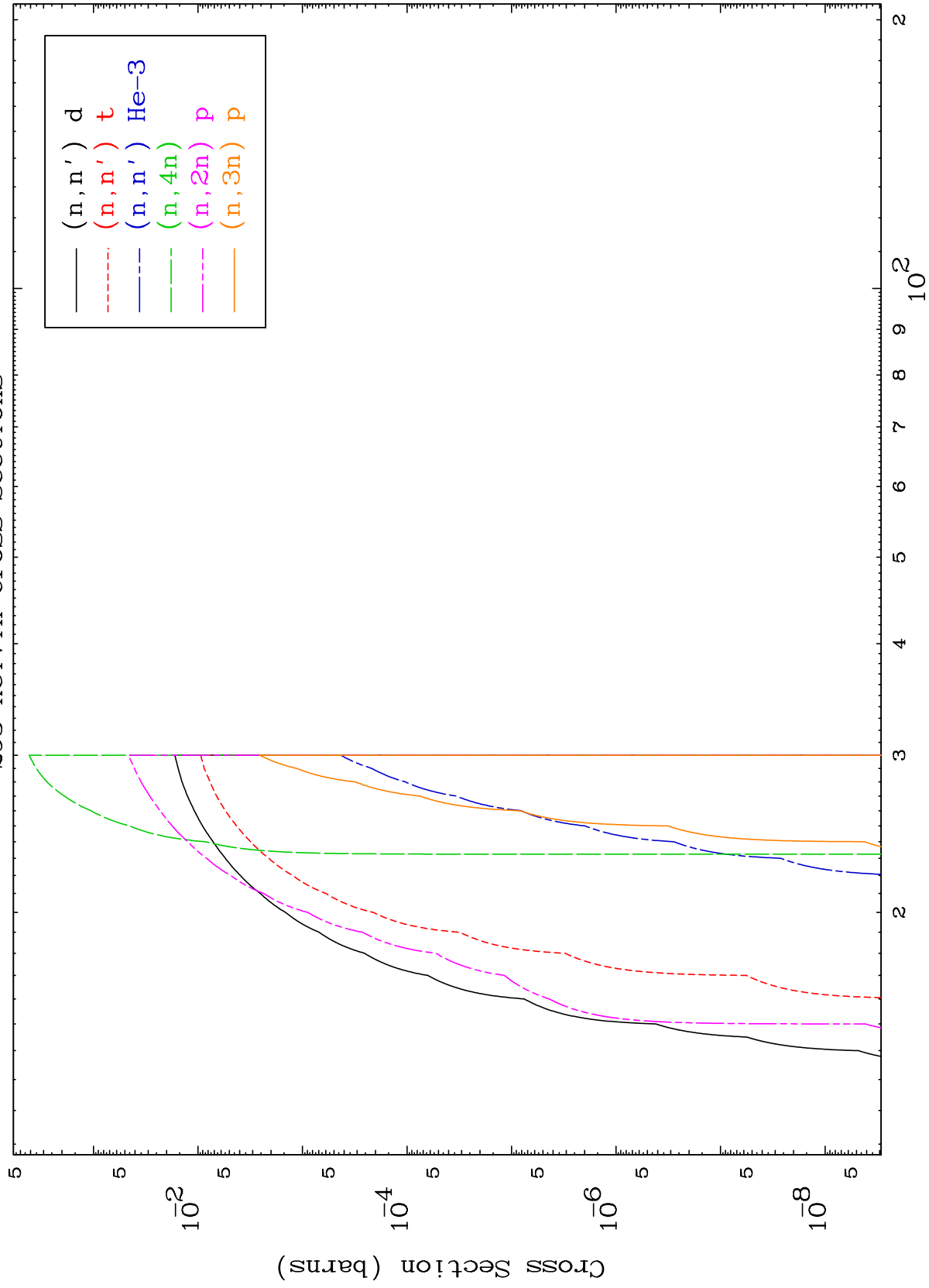
43-Tc-100



2

Incident Energy (MeV)

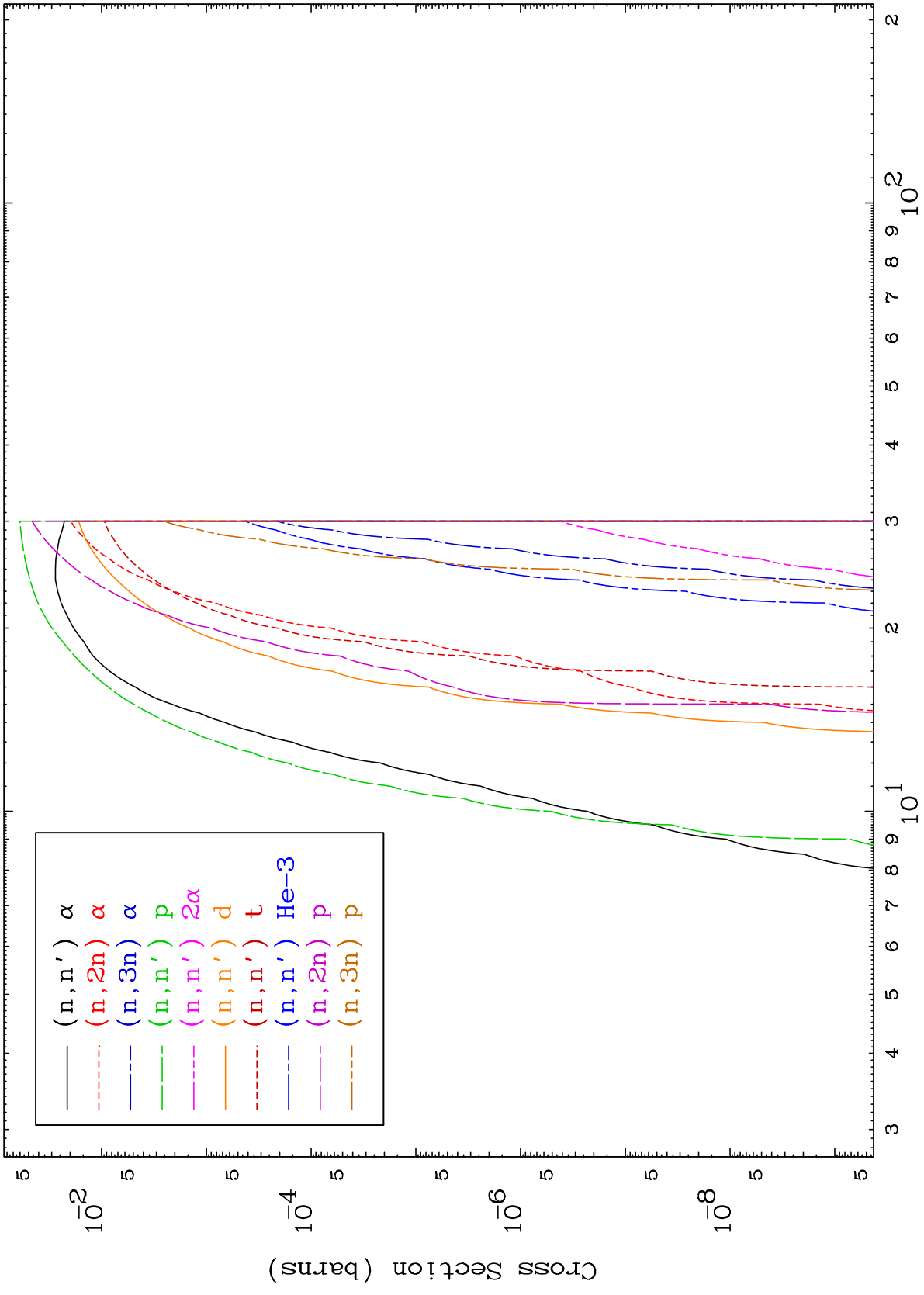
43-Tc-100



MAT 4328

Charged Particle
293 Kelvin Cross Sections

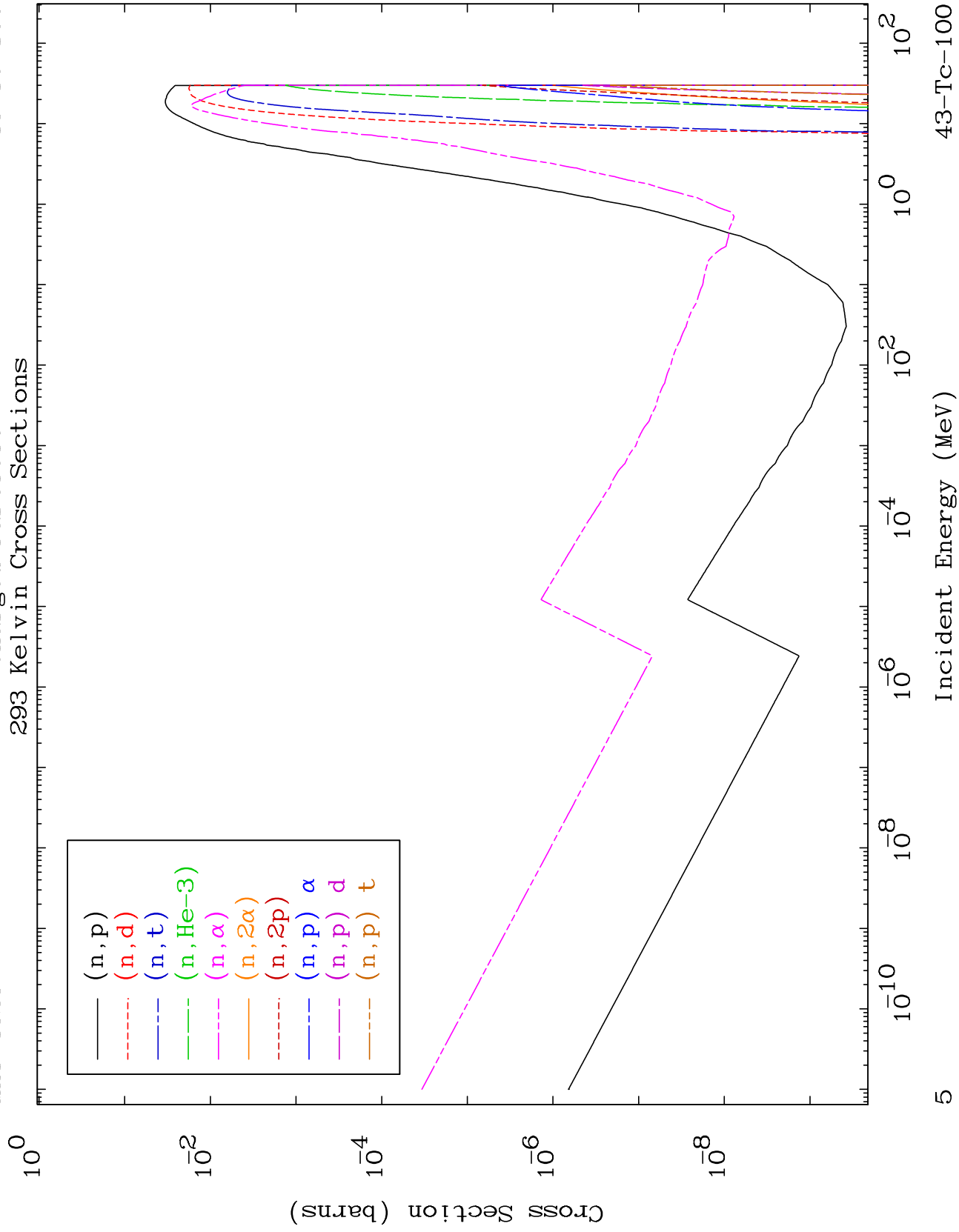
43-Tc-100



MAT 4328

Charged Particle
293 Kelvin Cross Sections

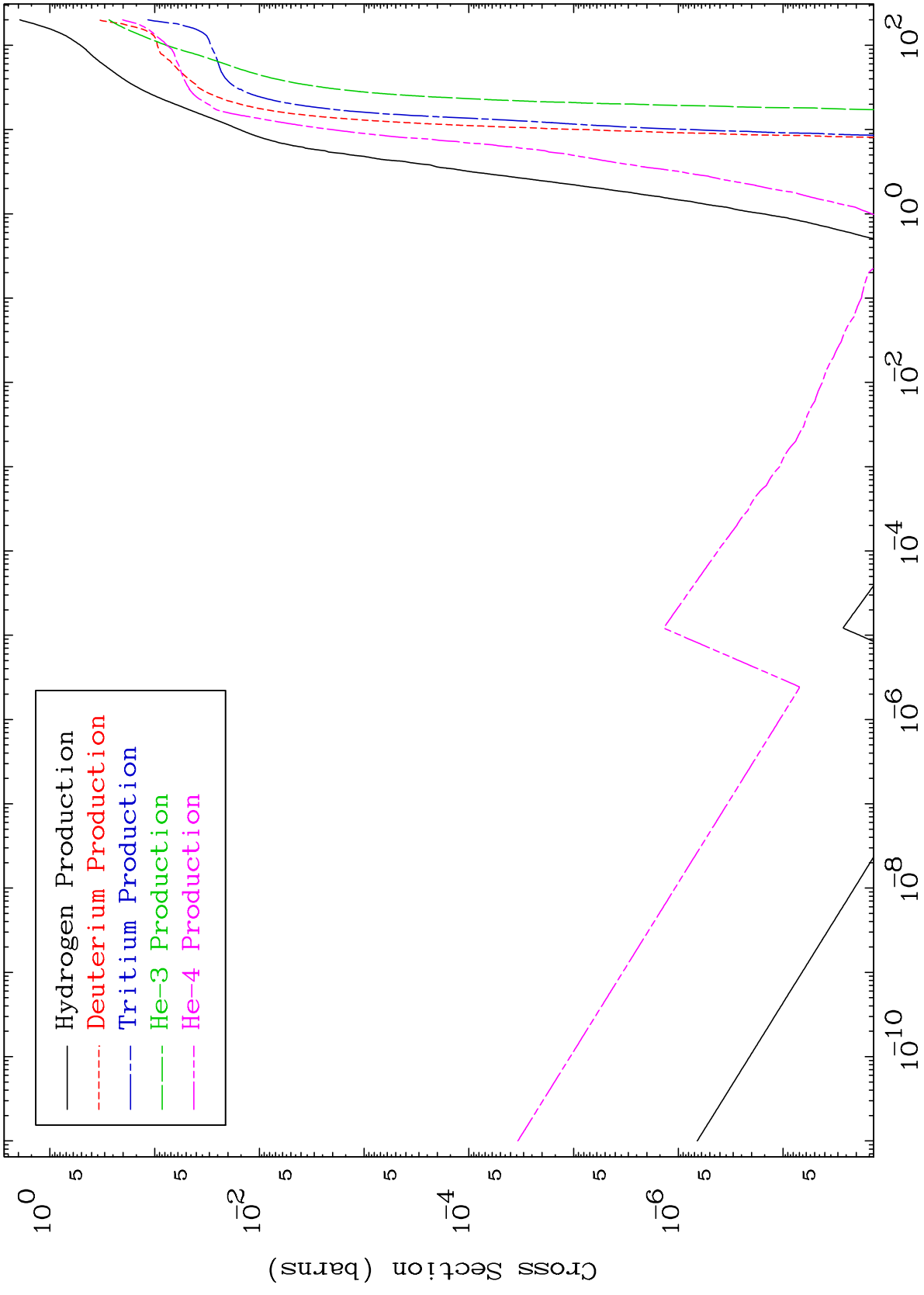
43-Tc-100



MAT 4328

Particle Production
293 Kelvin Cross Sections

43-Tc-100



6

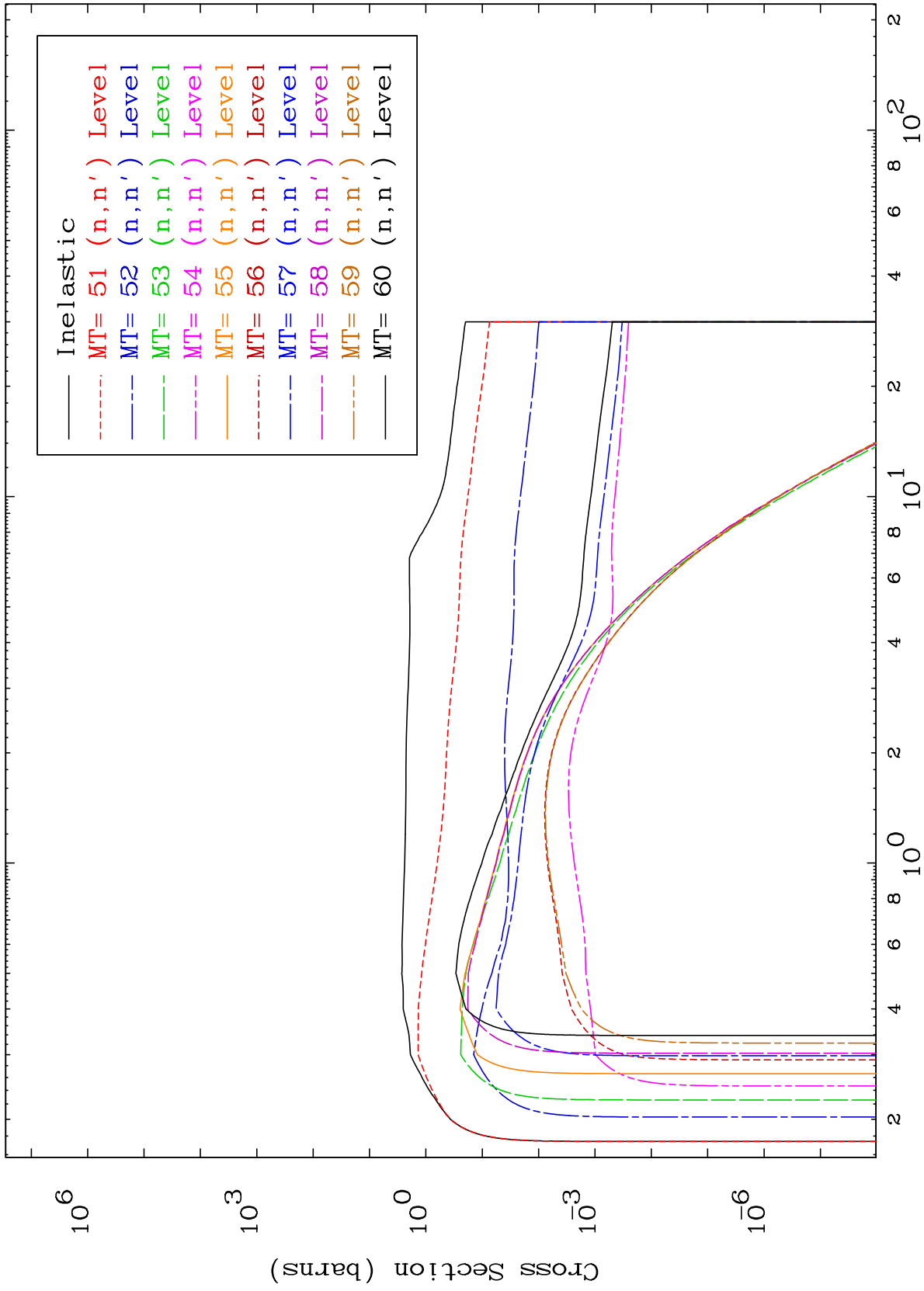
43-Tc-100

MAT 4328

(n,n') Level

43-Tc-100

293 Kelvin Cross Sections



7

Incident Energy (MeV)

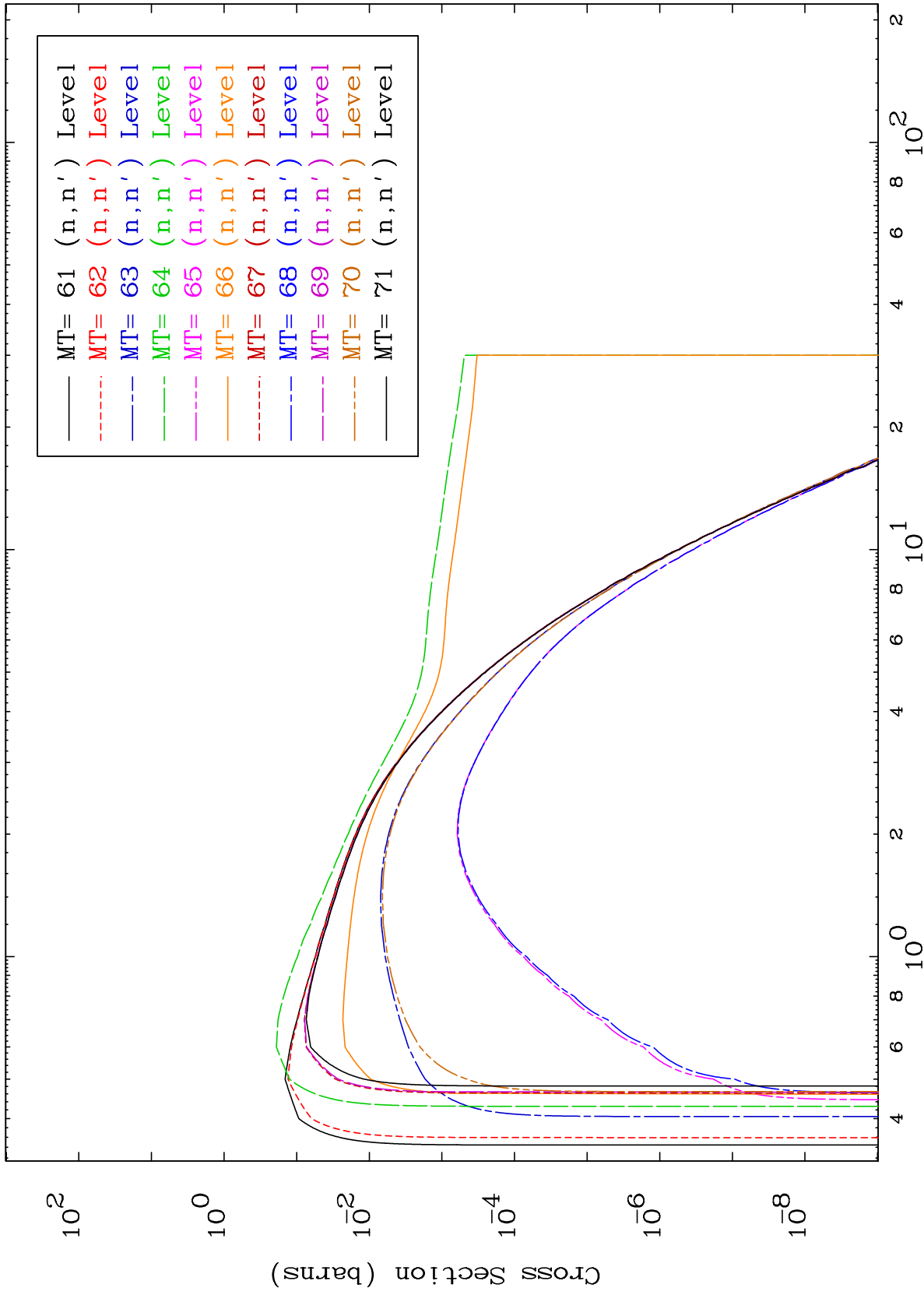
43-Tc-100

MAT 4328

(n,n') Level

43-Tc-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

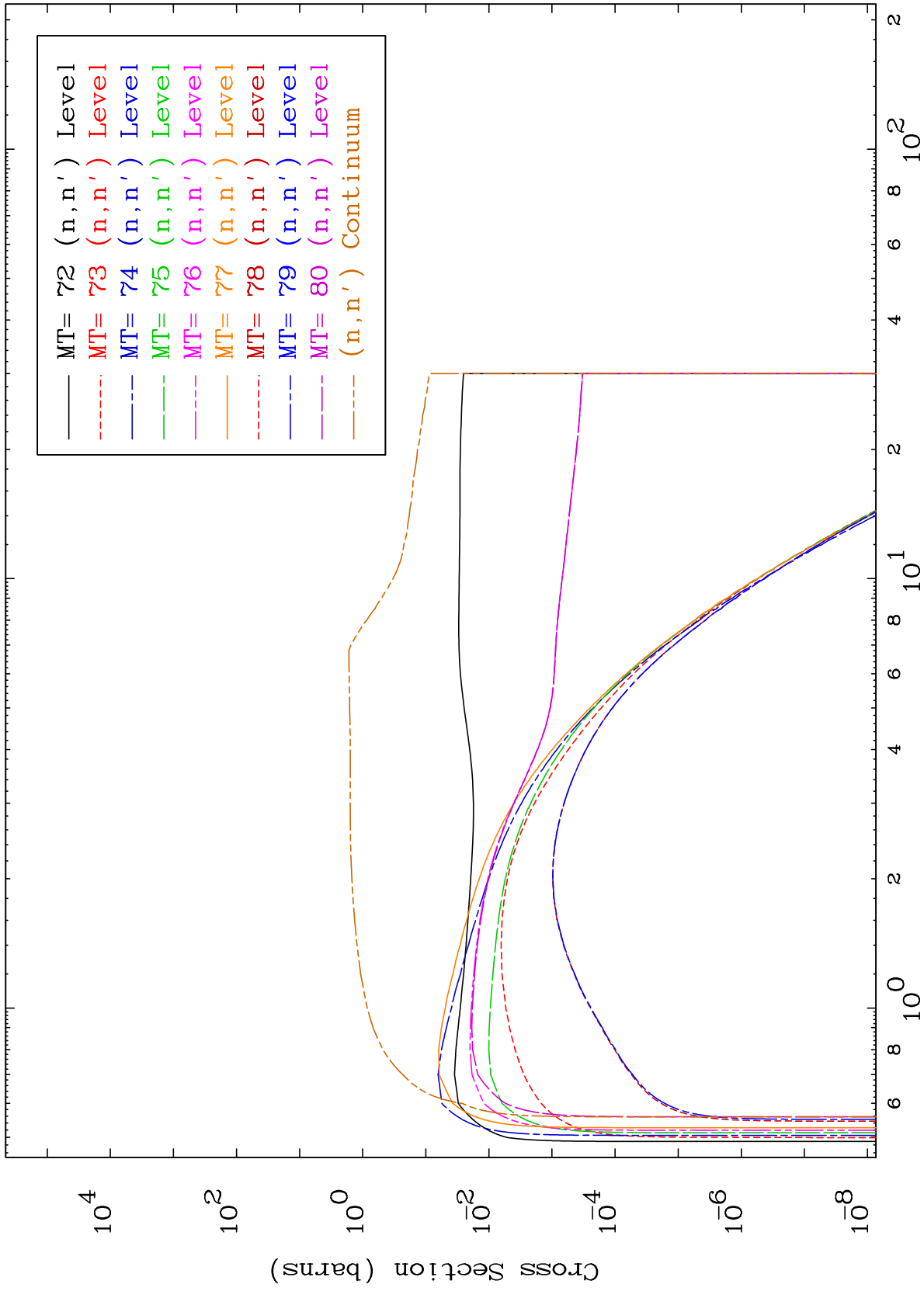
43-Tc-100

MAT 4328

(n,n') Level

43-Tc-100

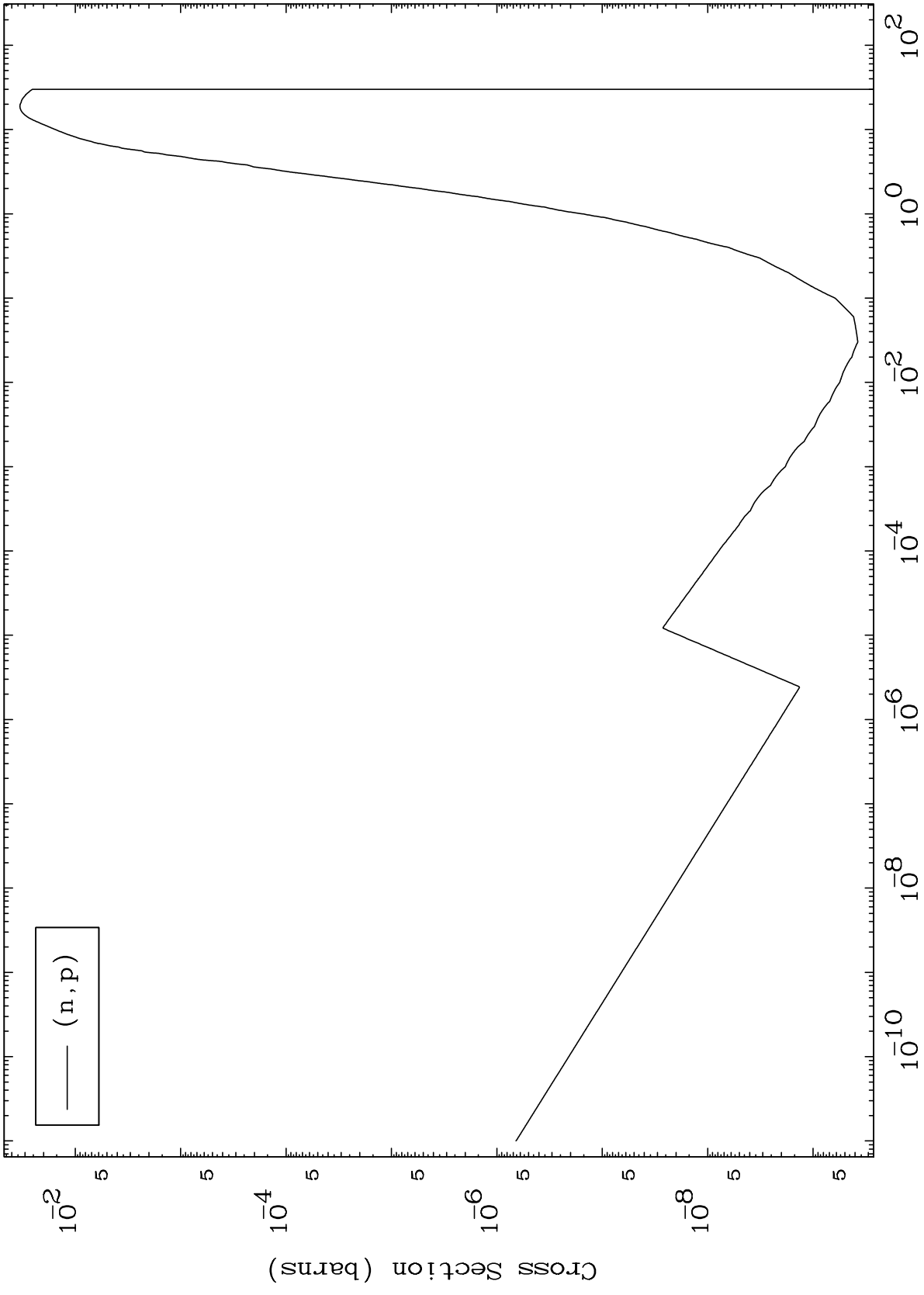
293 Kelvin Cross Sections



MAT 4328

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-100



10

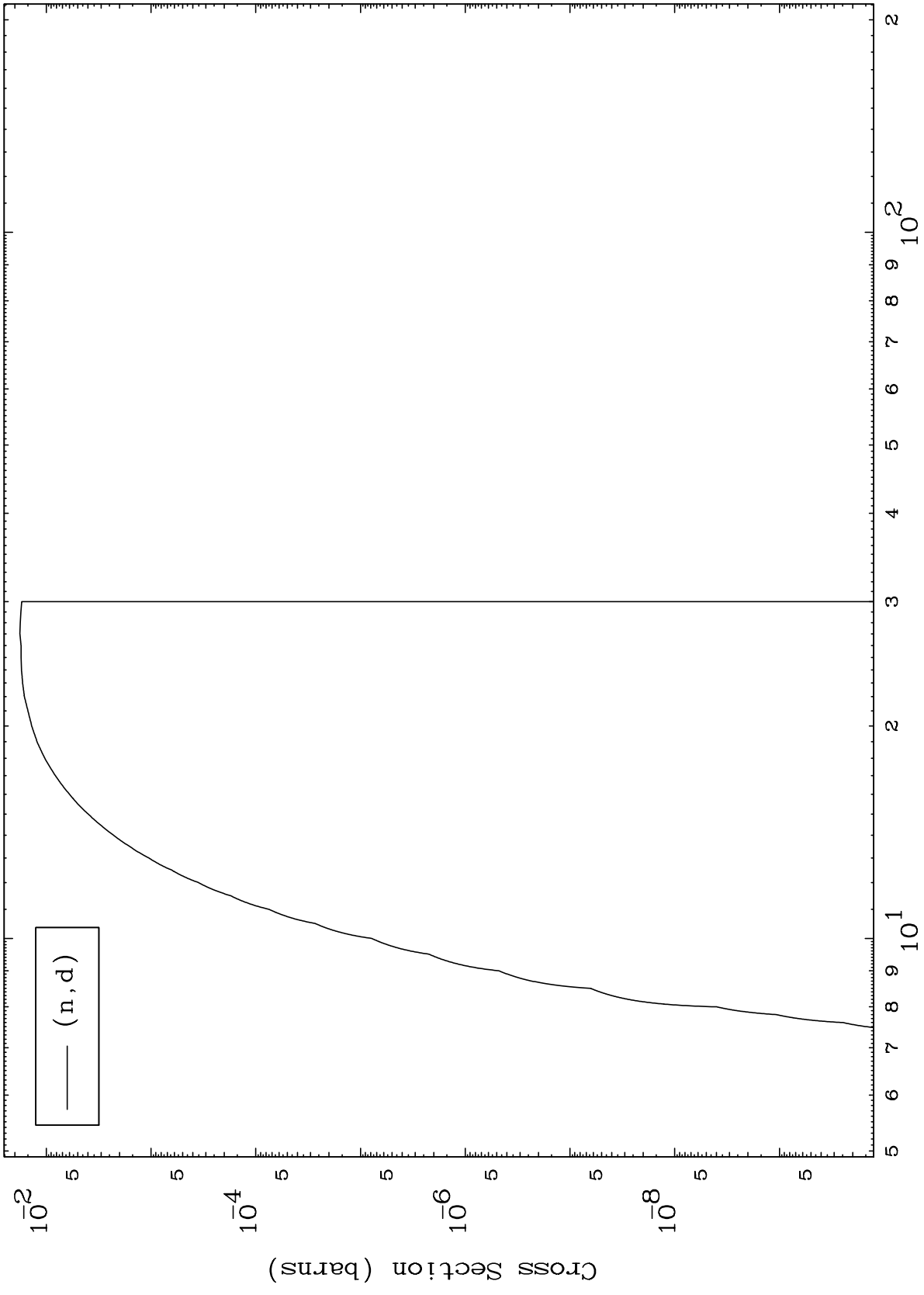
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-100



11

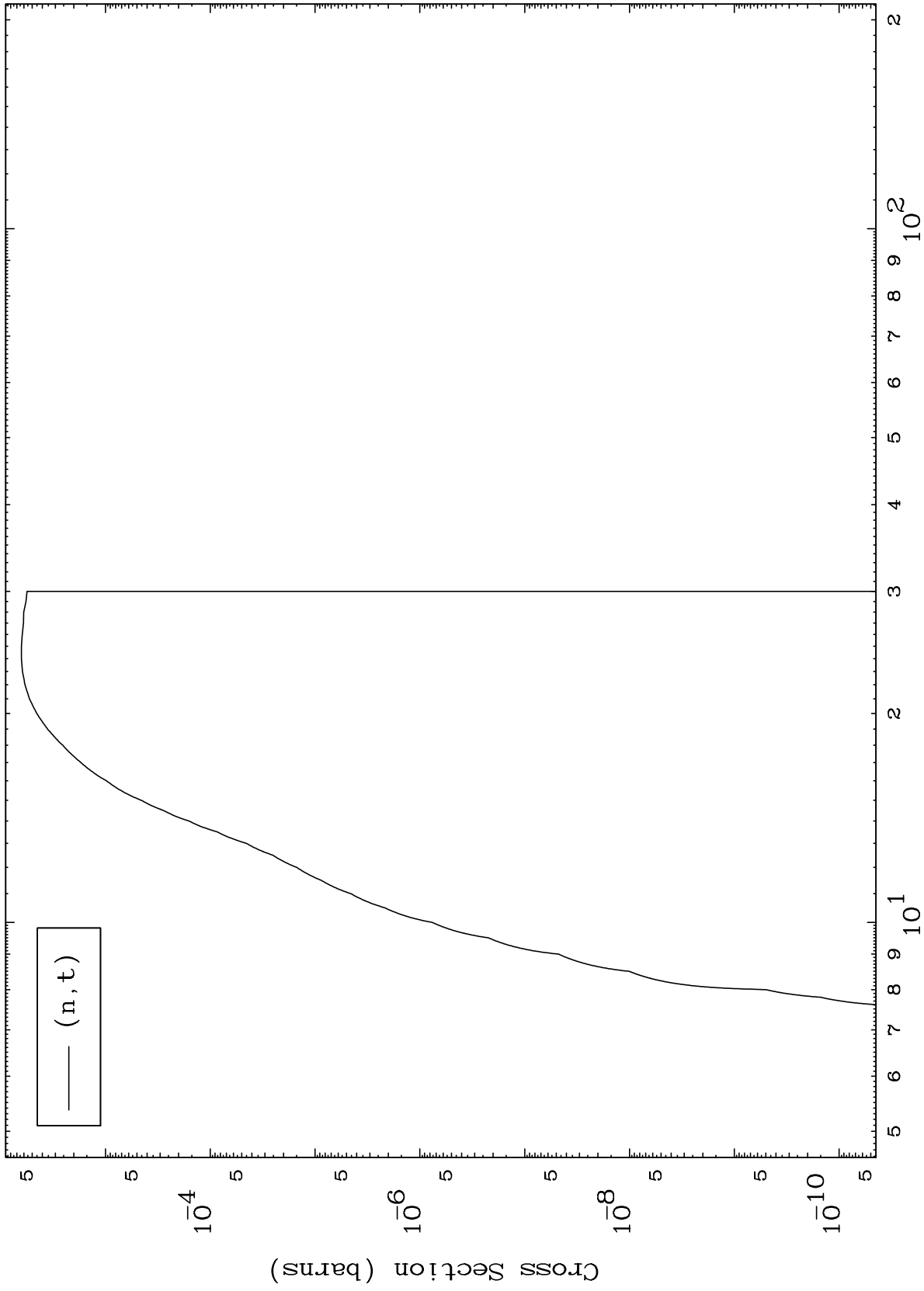
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-100



12

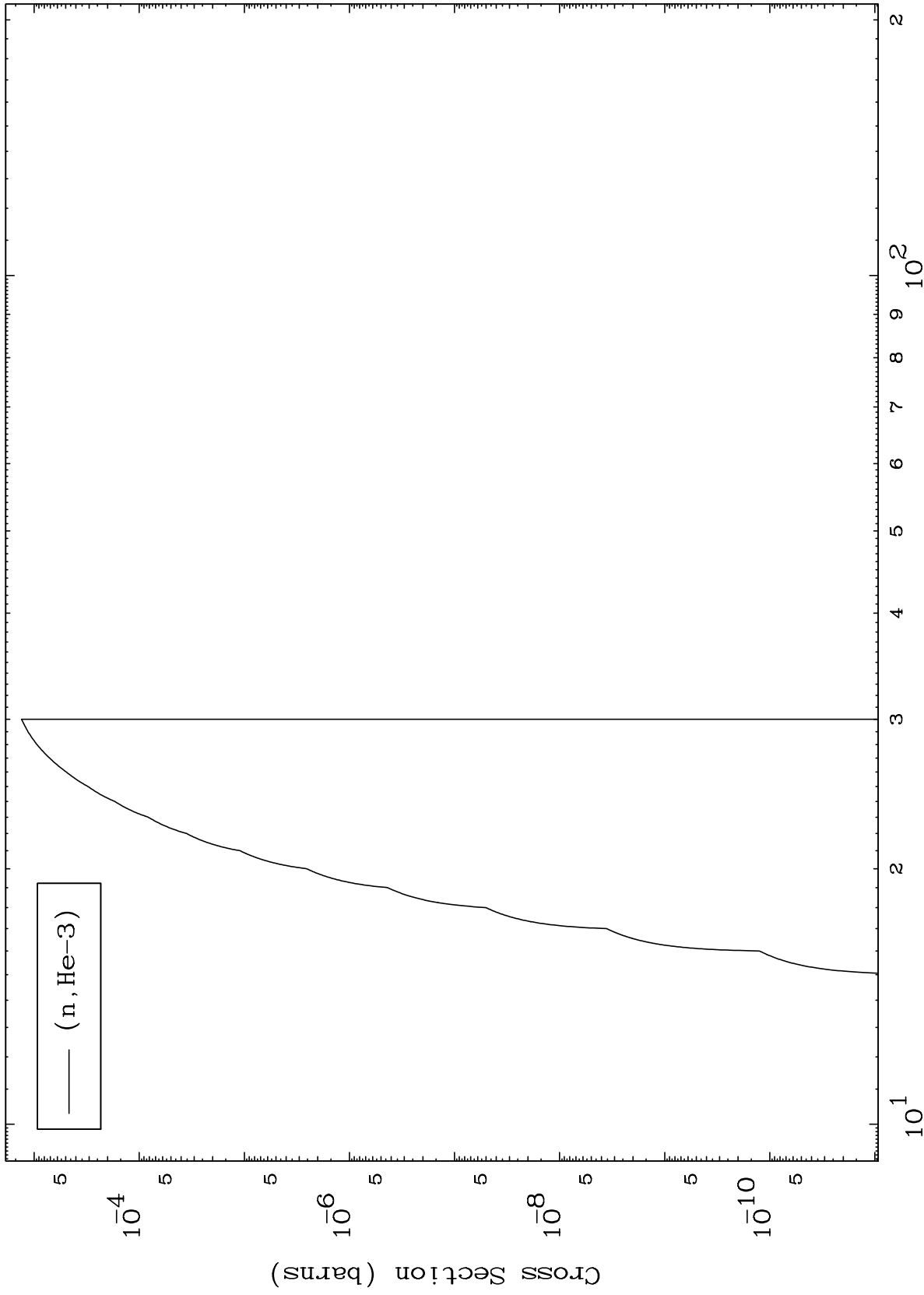
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-100



13

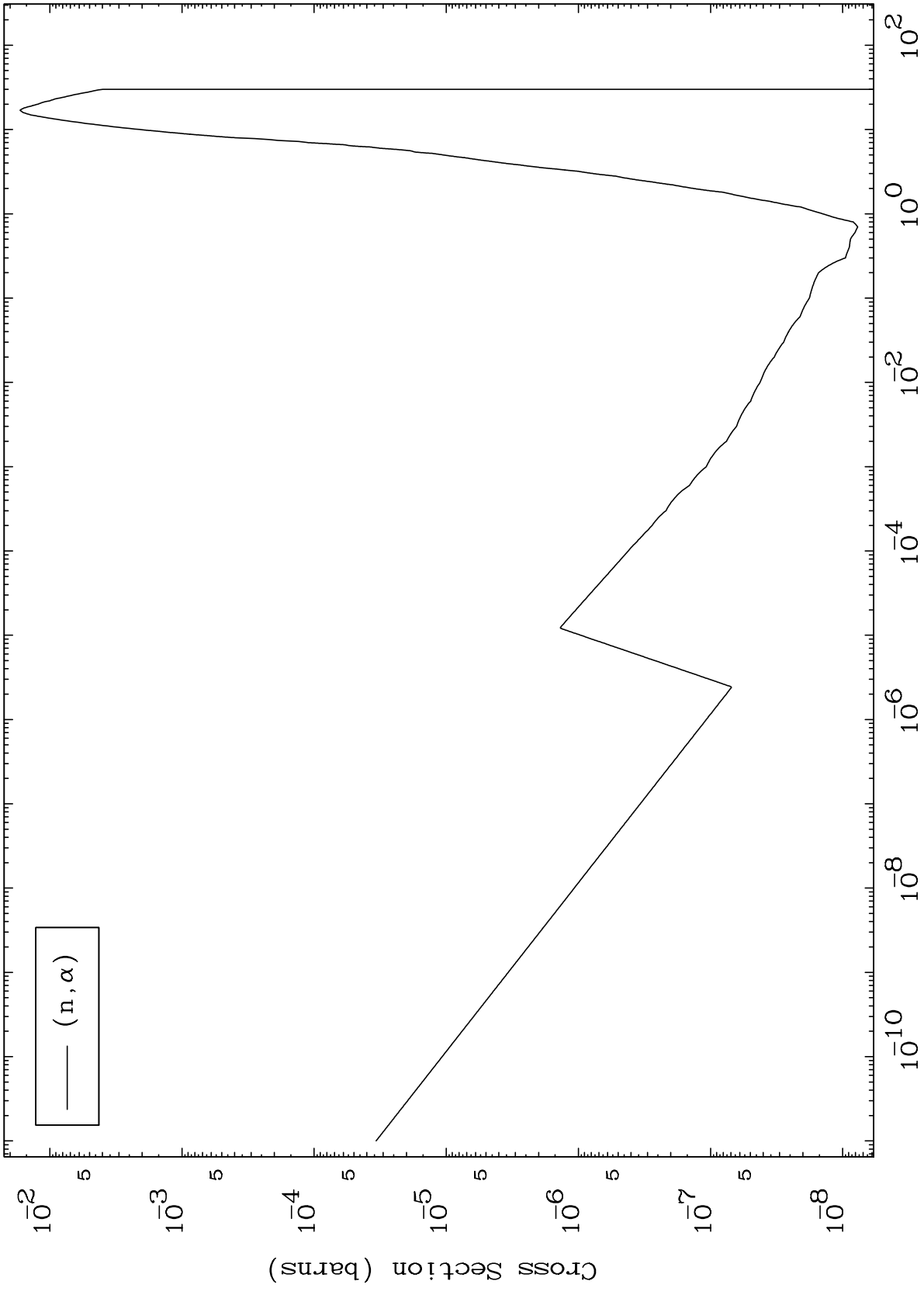
Incident Energy (MeV)

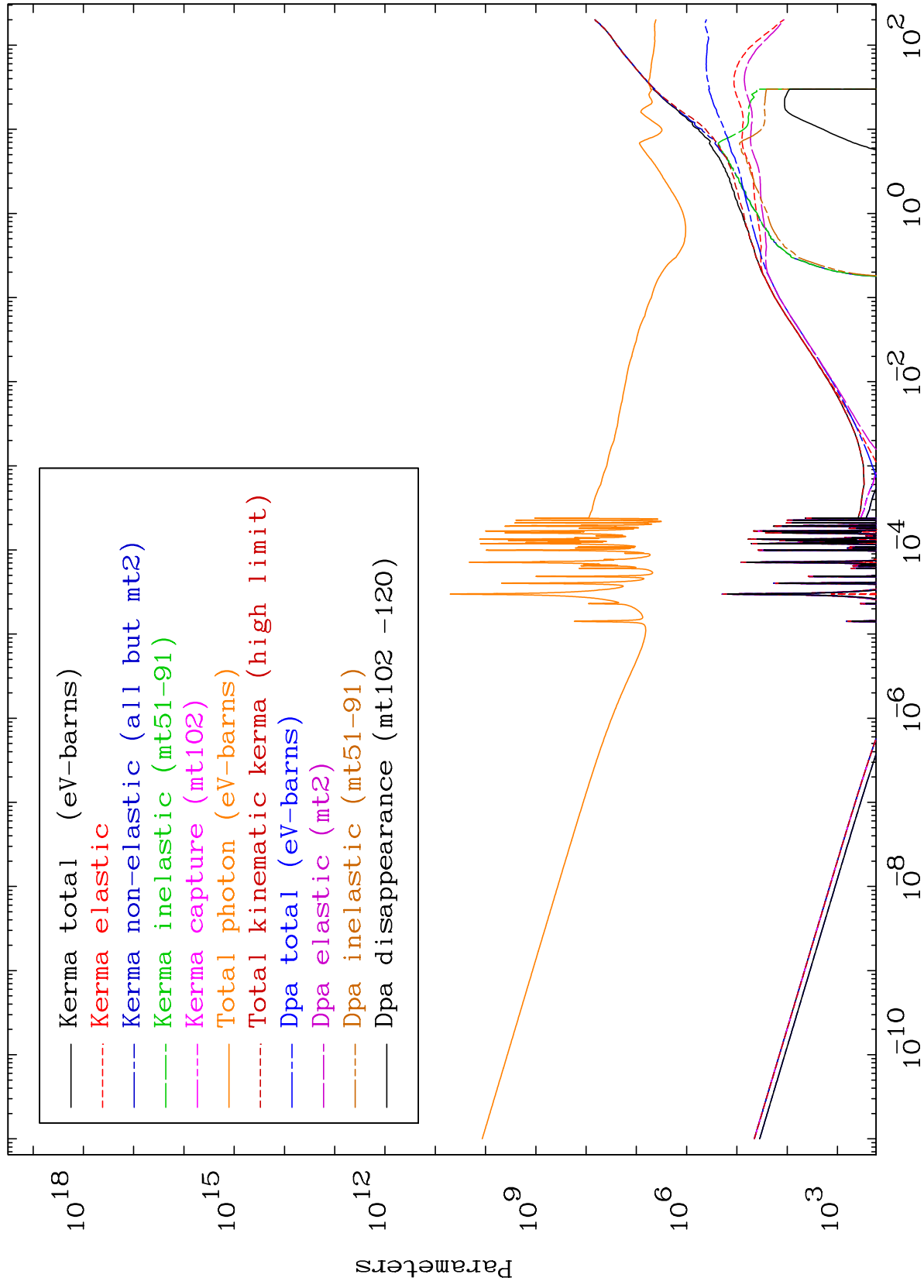
43-Tc-100

MAT 4328

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-100

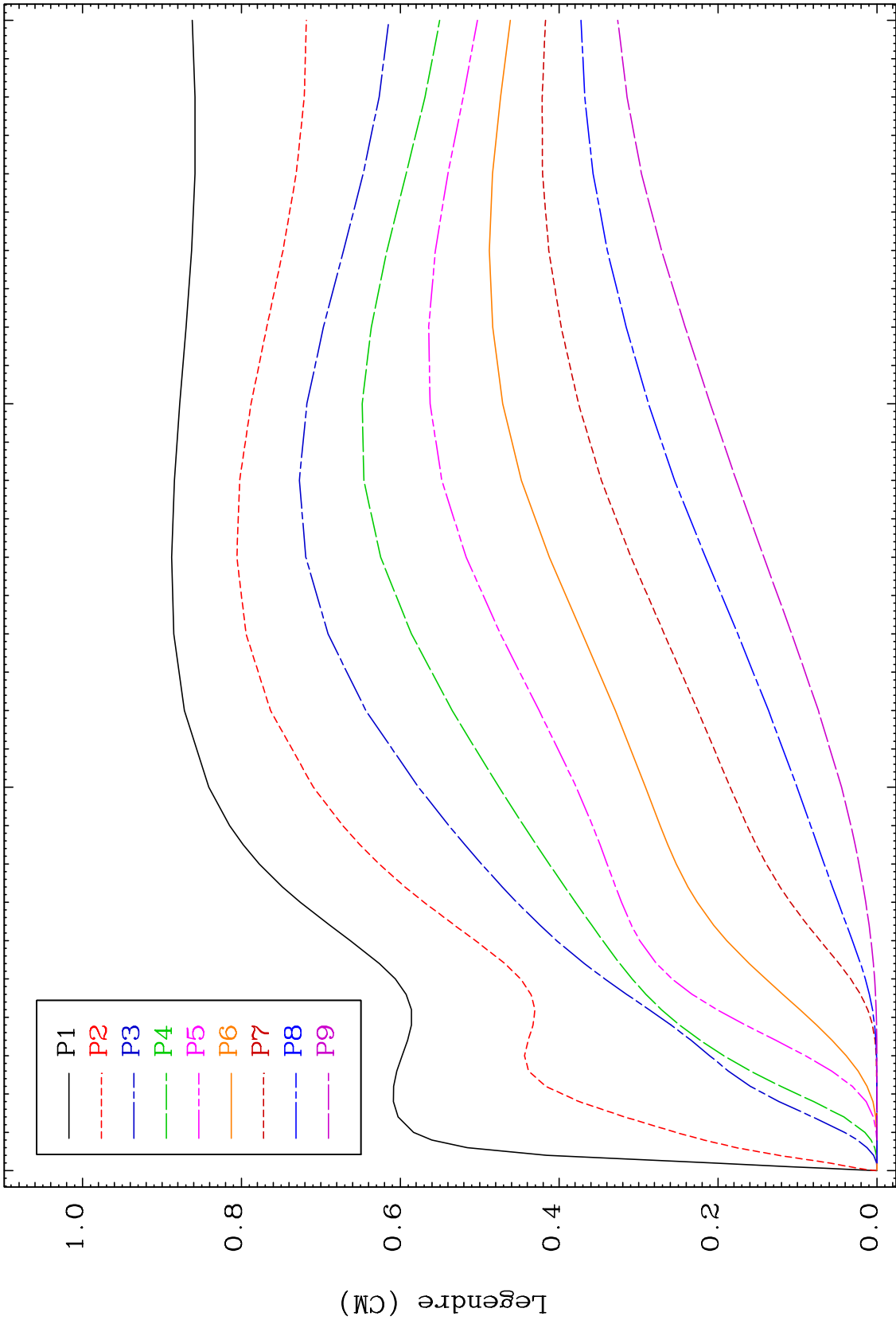




MAT 4328

Elastic Legendre Coefficients

43-Tc-100



16

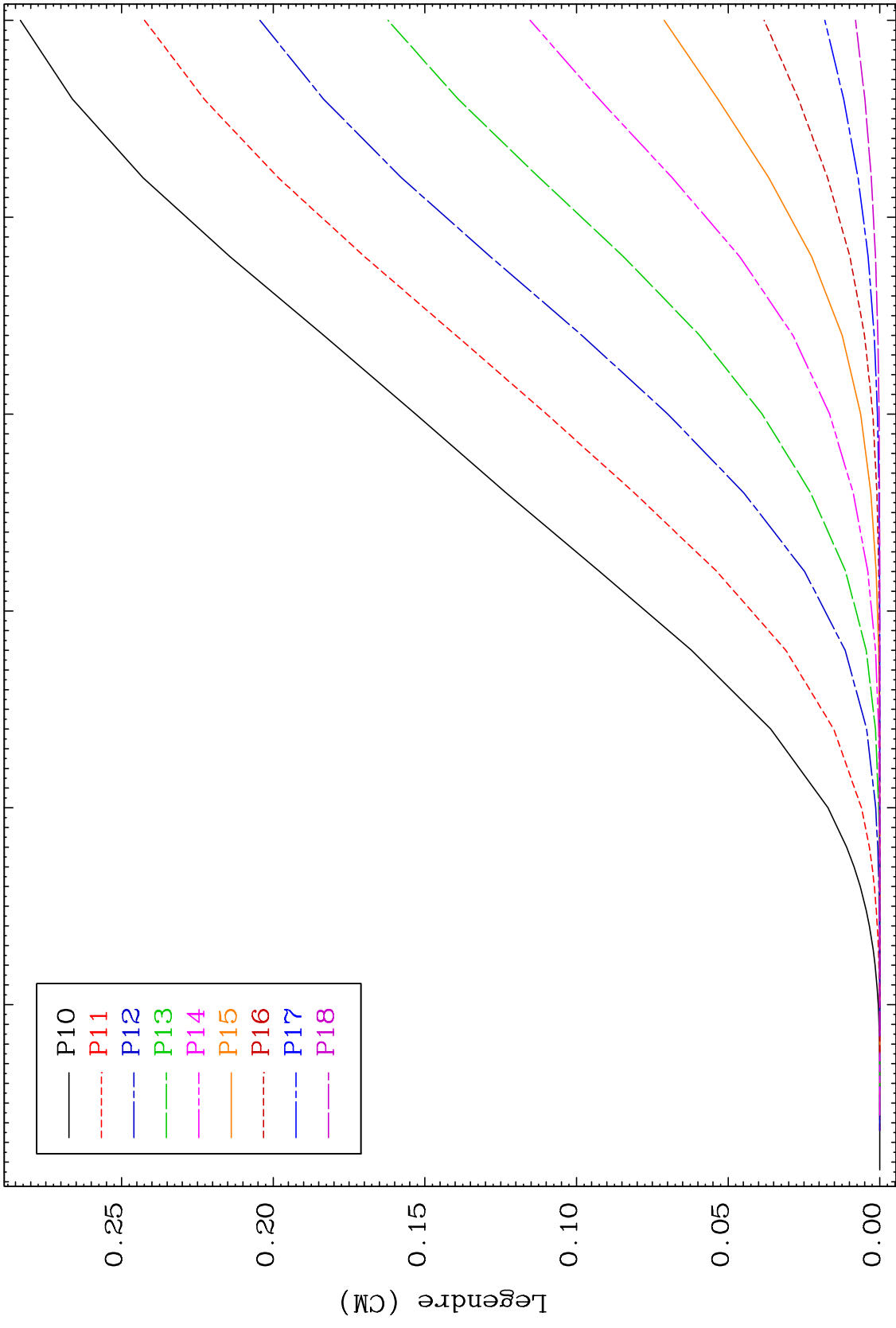
Incident Energy (MeV)

43-Tc-100

MAT 4328

Elastic Legendre Coefficients

43-Tc-100



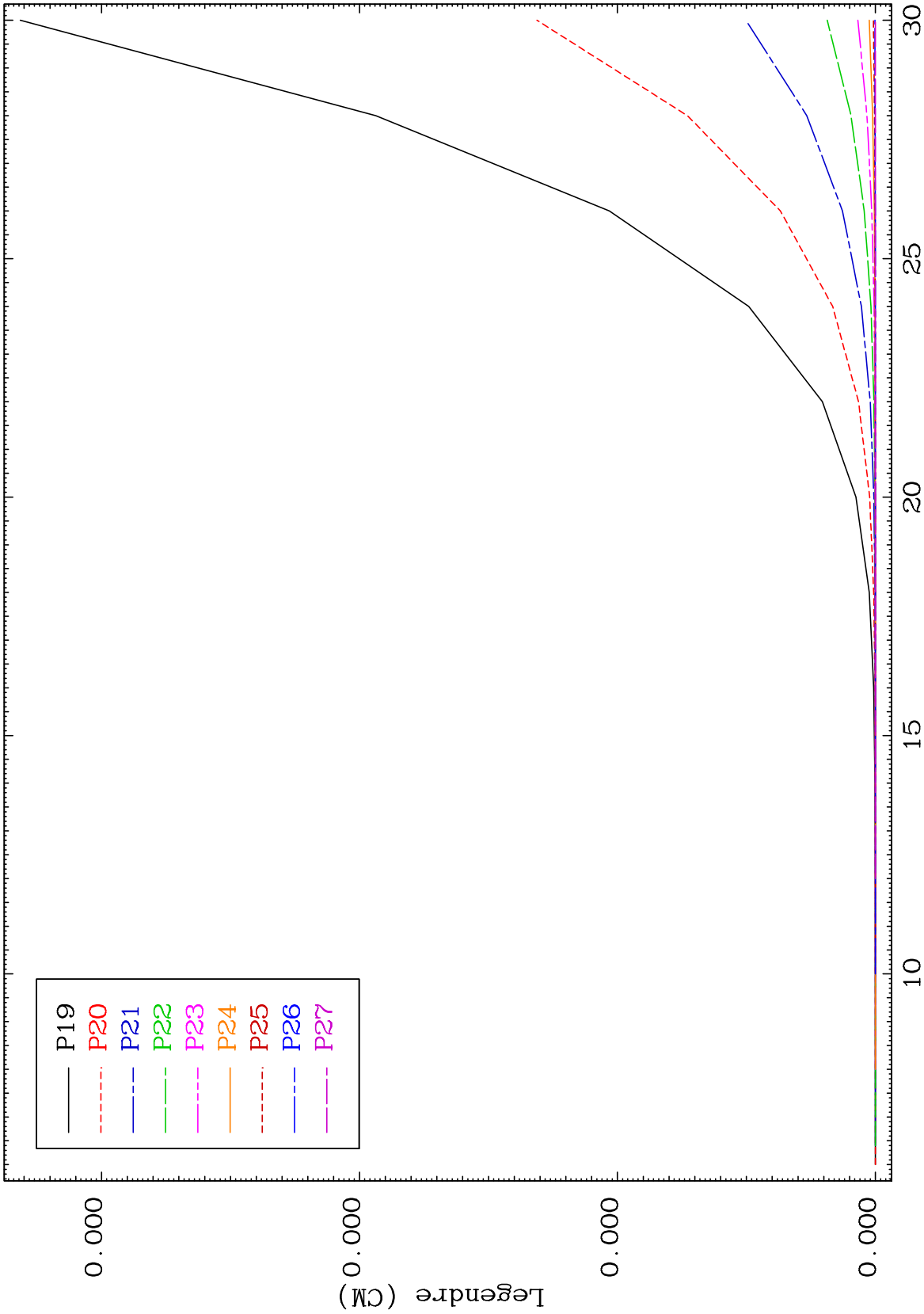
17

43-Tc-100

MAT 4328

Elastic Legendre Coefficients

43-Tc-100



18

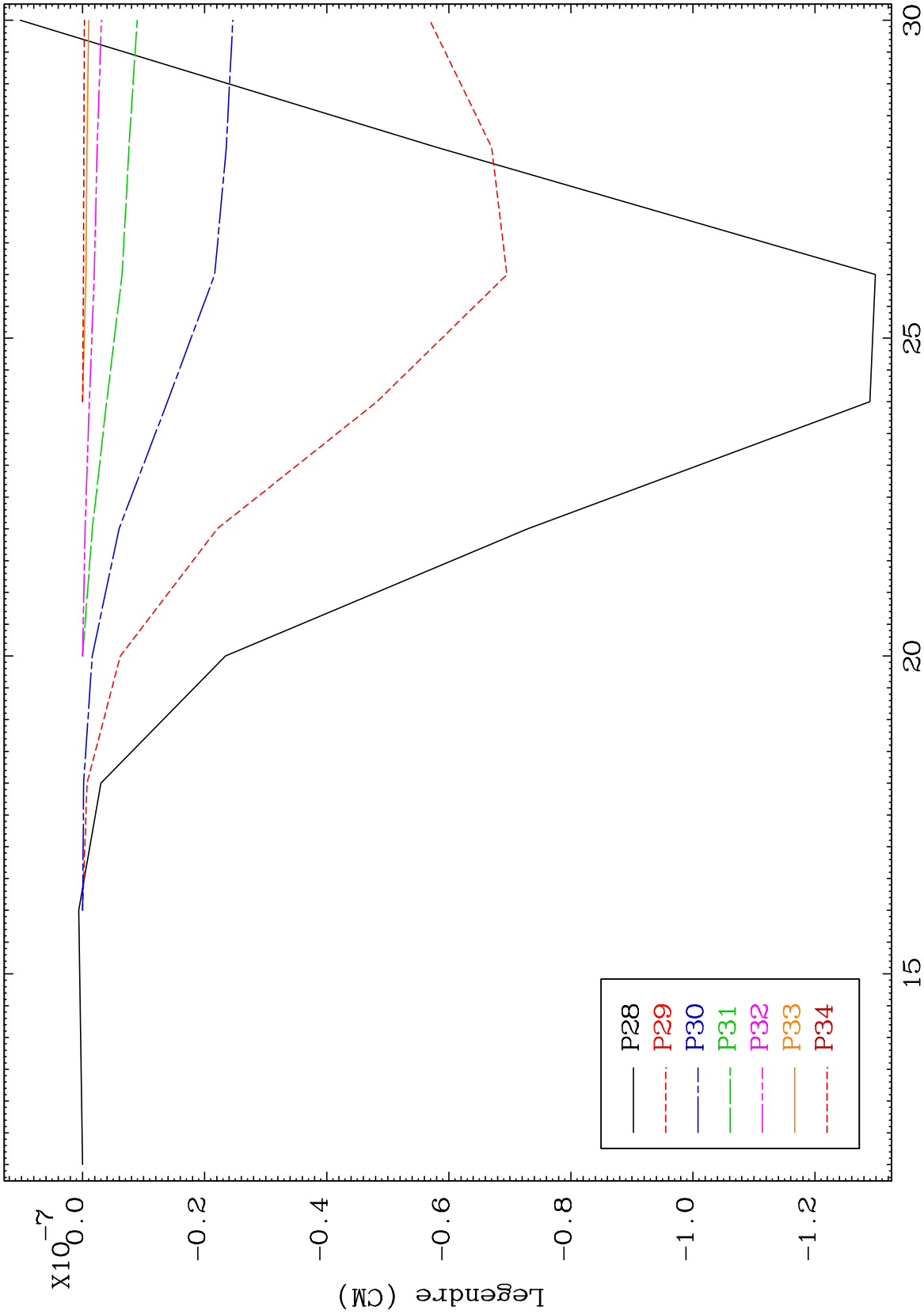
Incident Energy (MeV)

43-Tc-100

MAT 4328

43-Tc-100

Elastic Legendre Coefficients



19

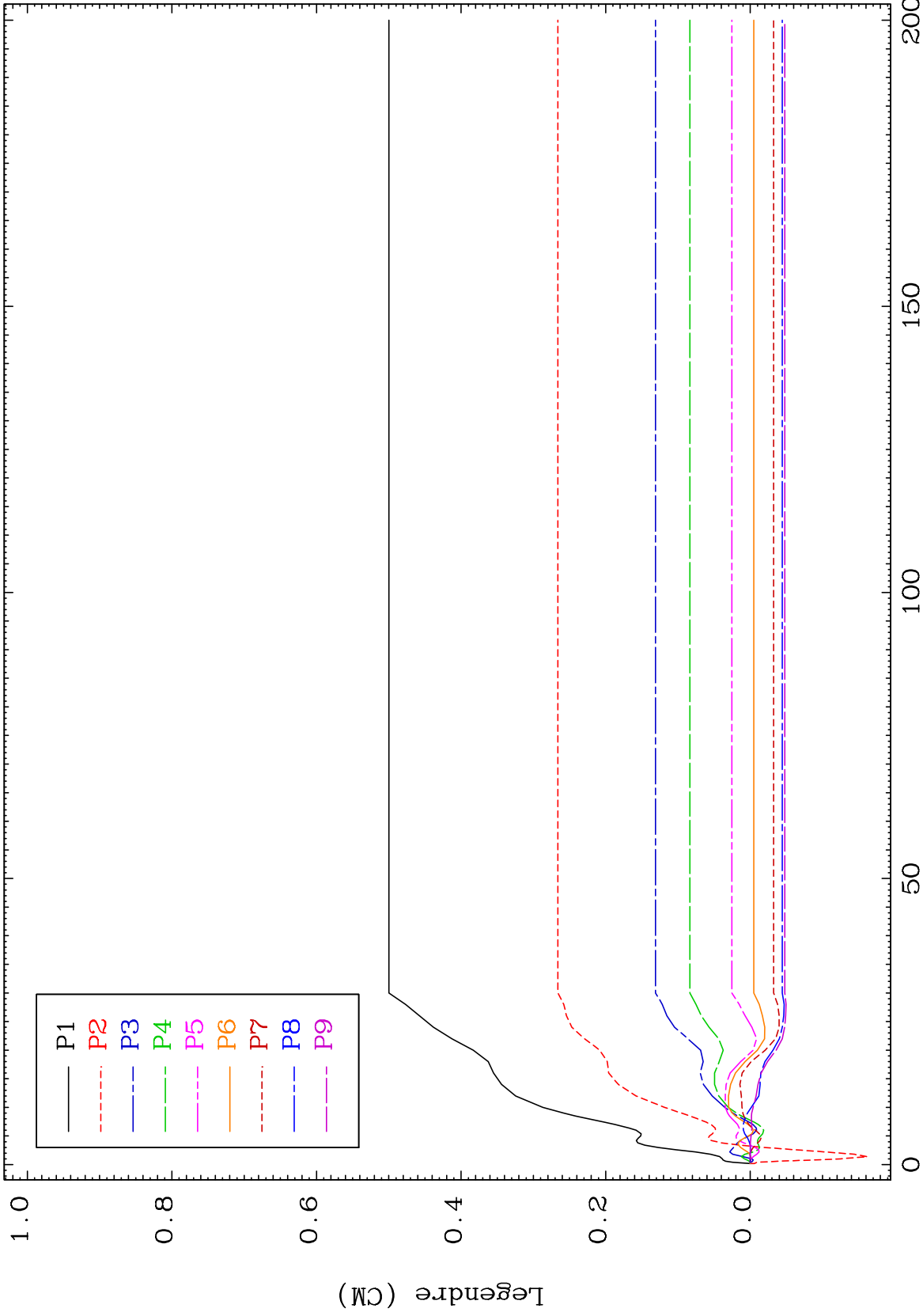
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



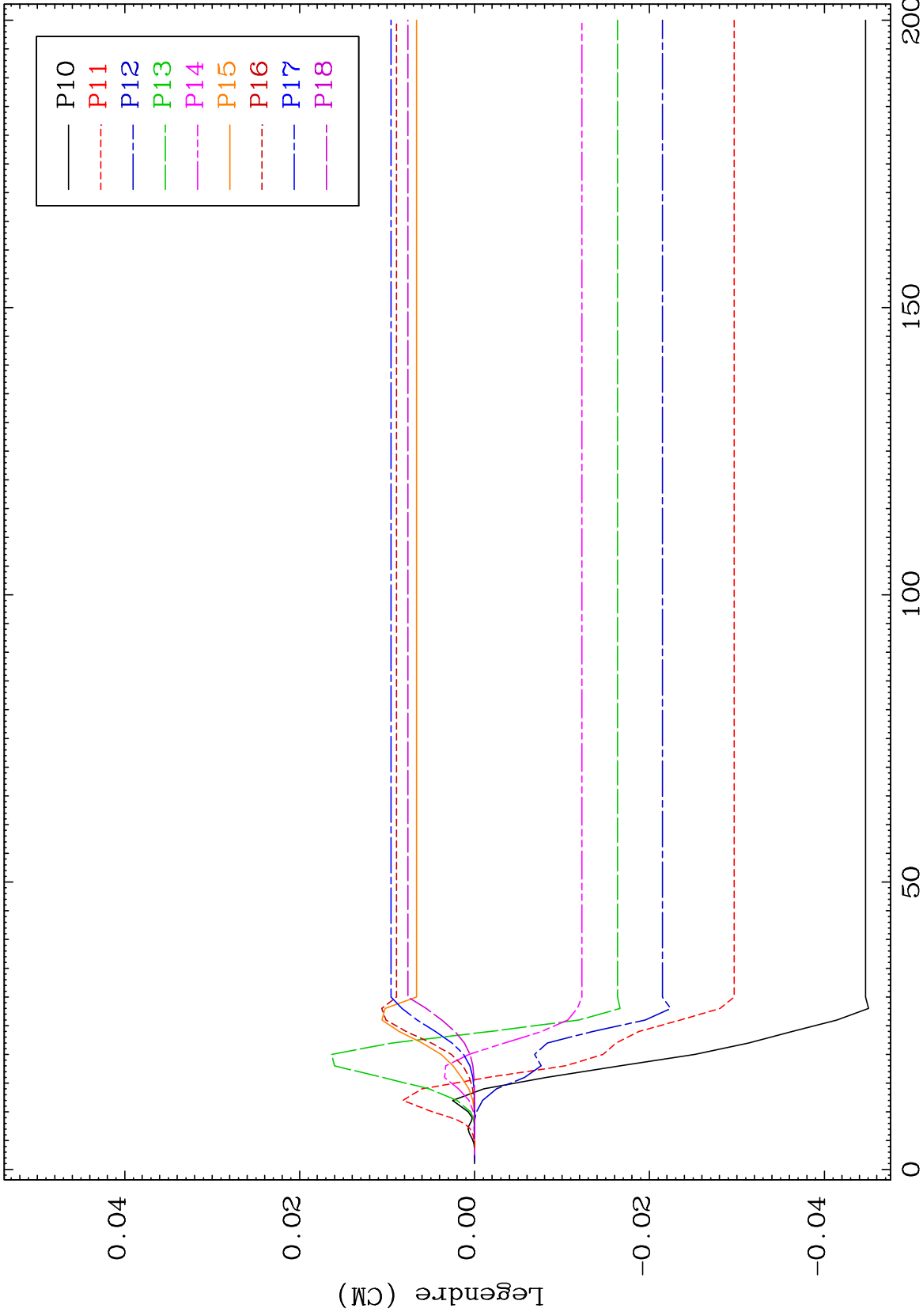
43-Tc-100

Incident Energy (MeV)

MAT 4328

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

43-Tc-100



21

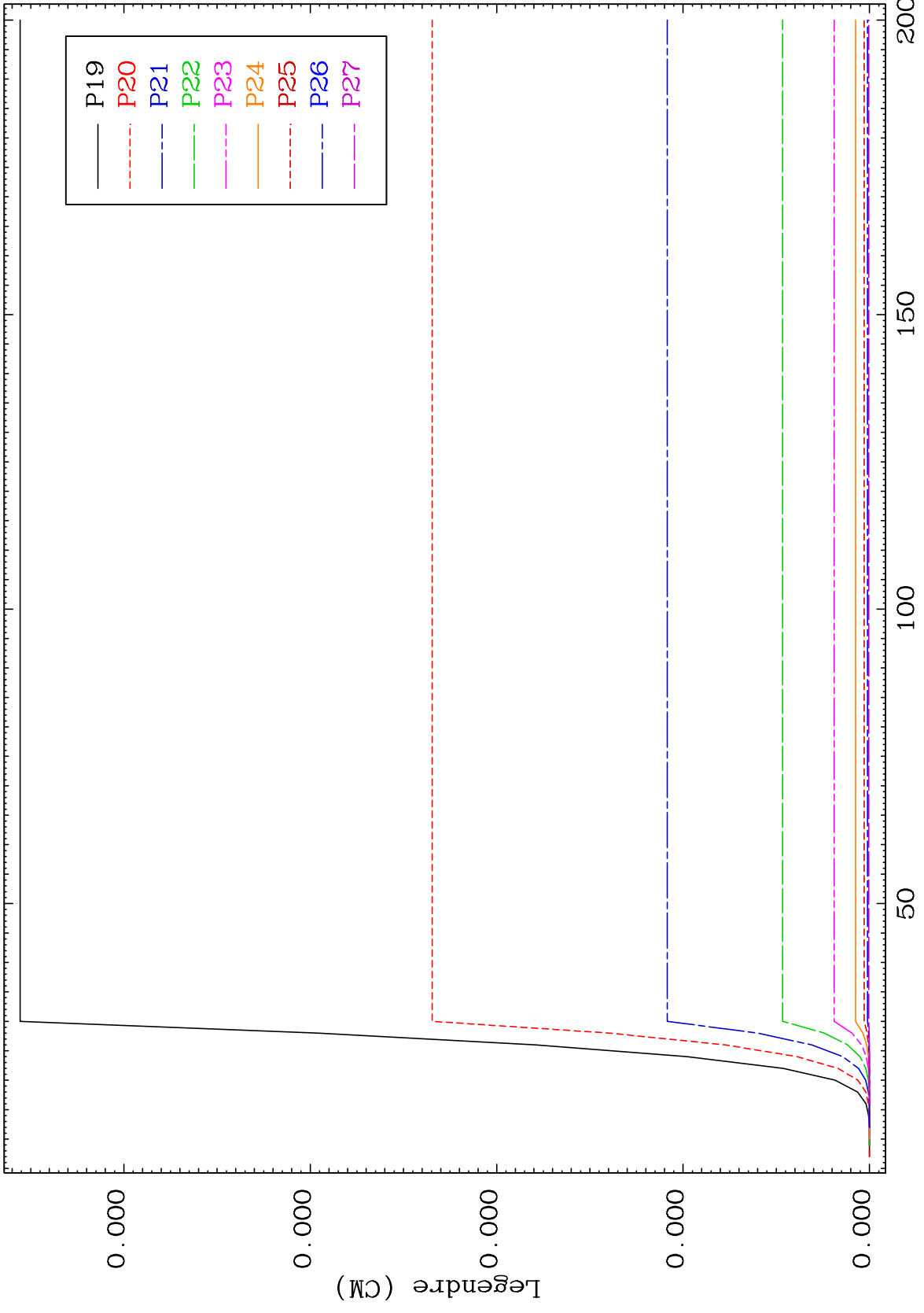
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



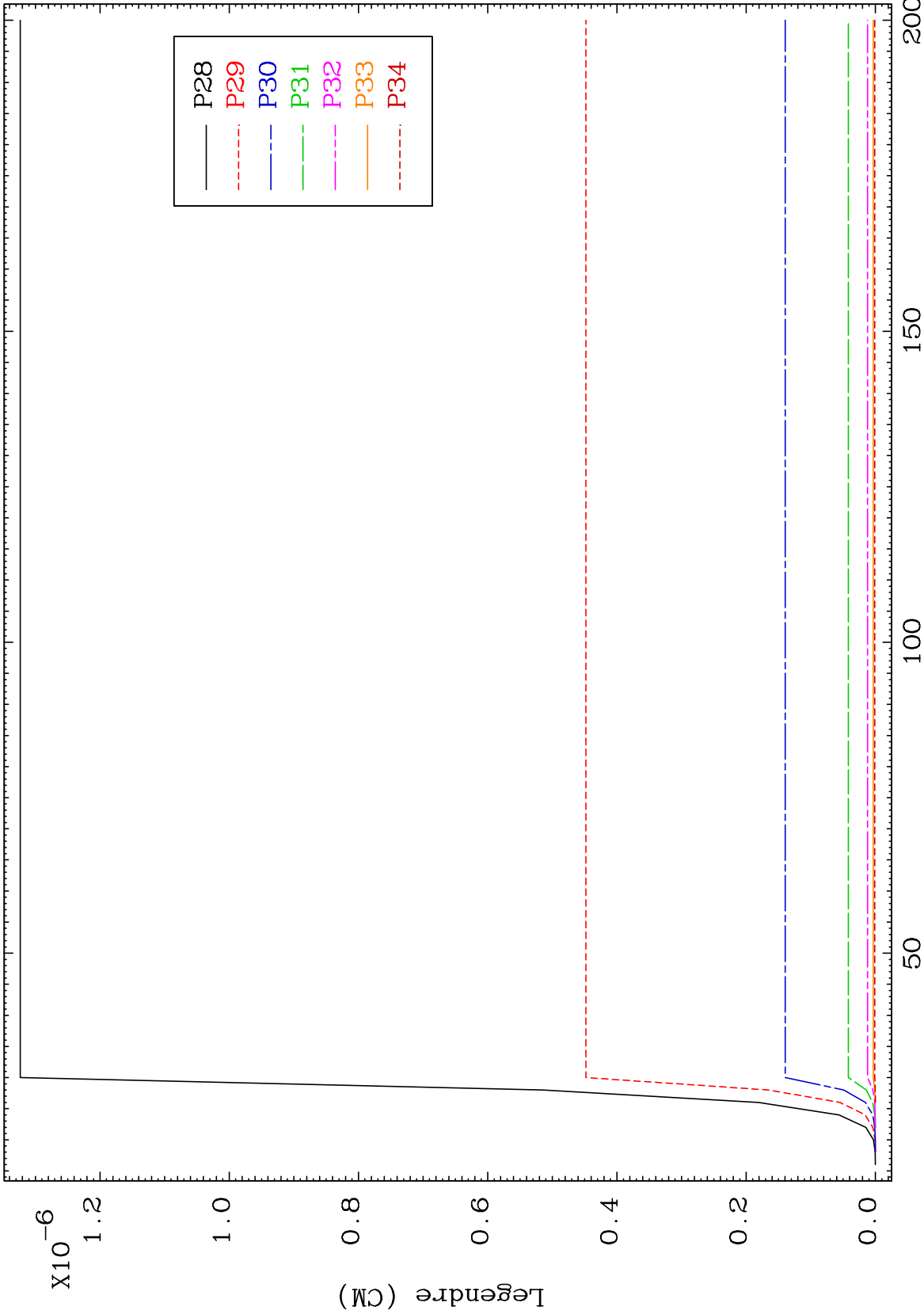
22

43-Tc-100

MAT 4328

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

43-Tc-100



23

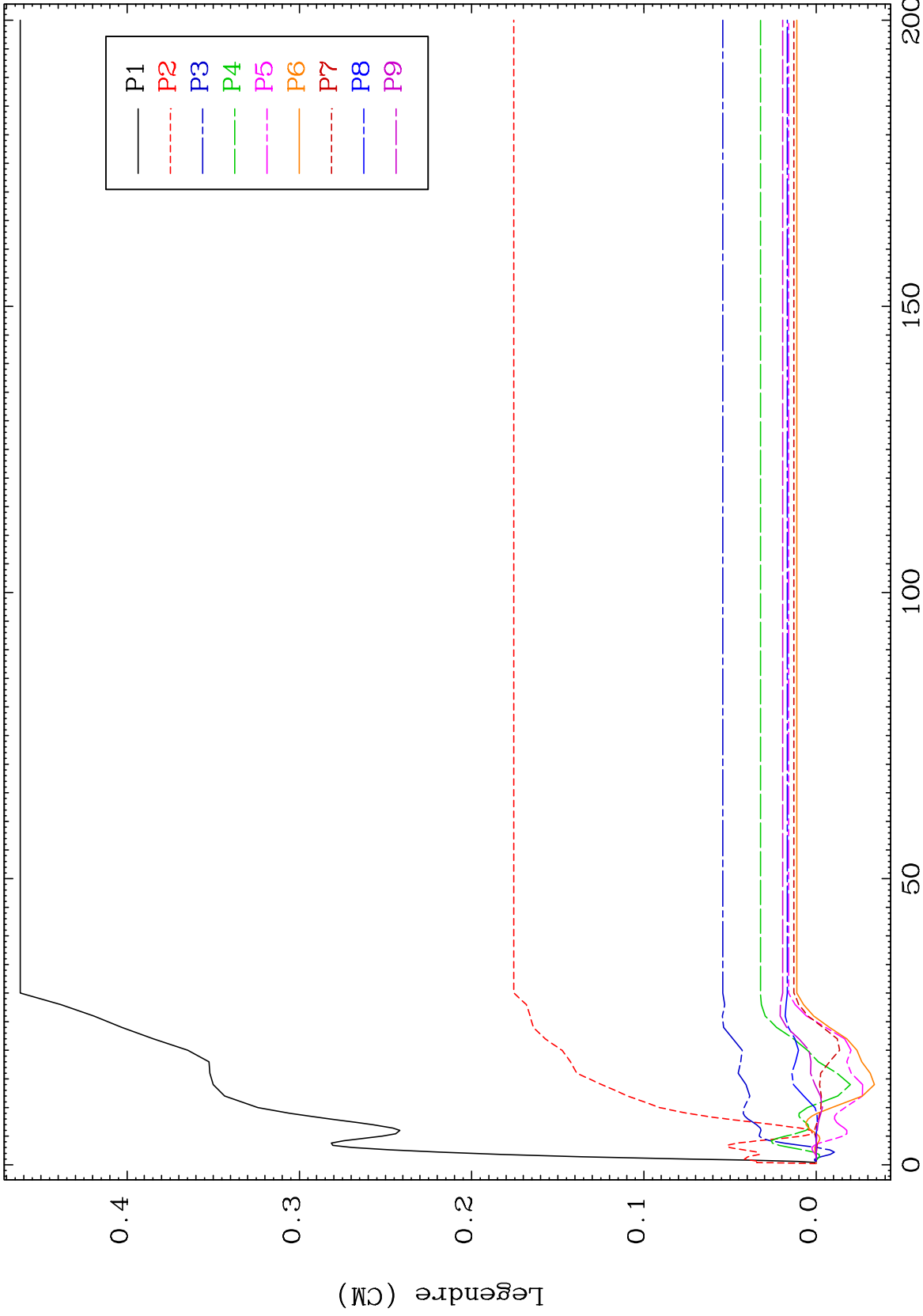
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



24

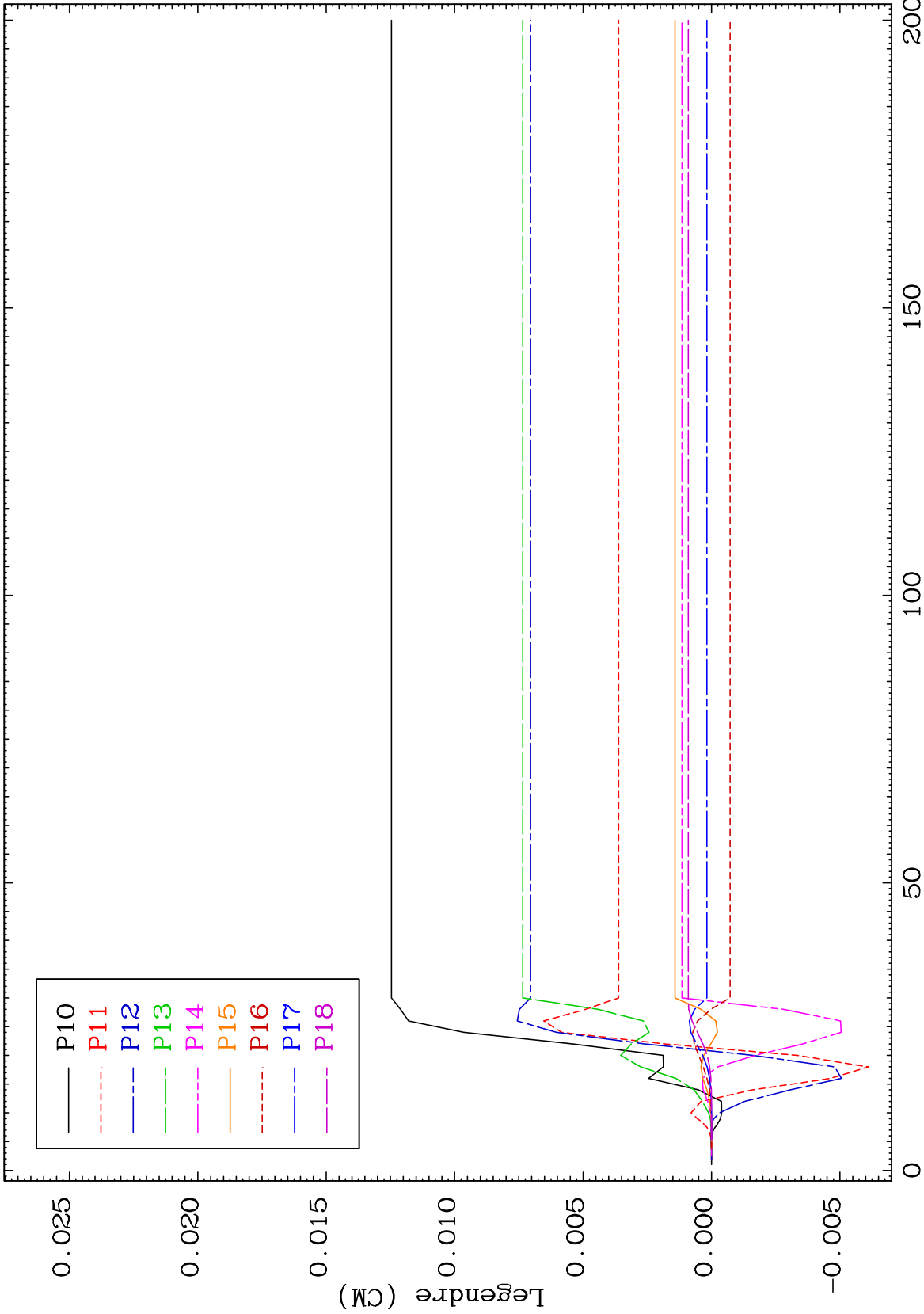
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



25

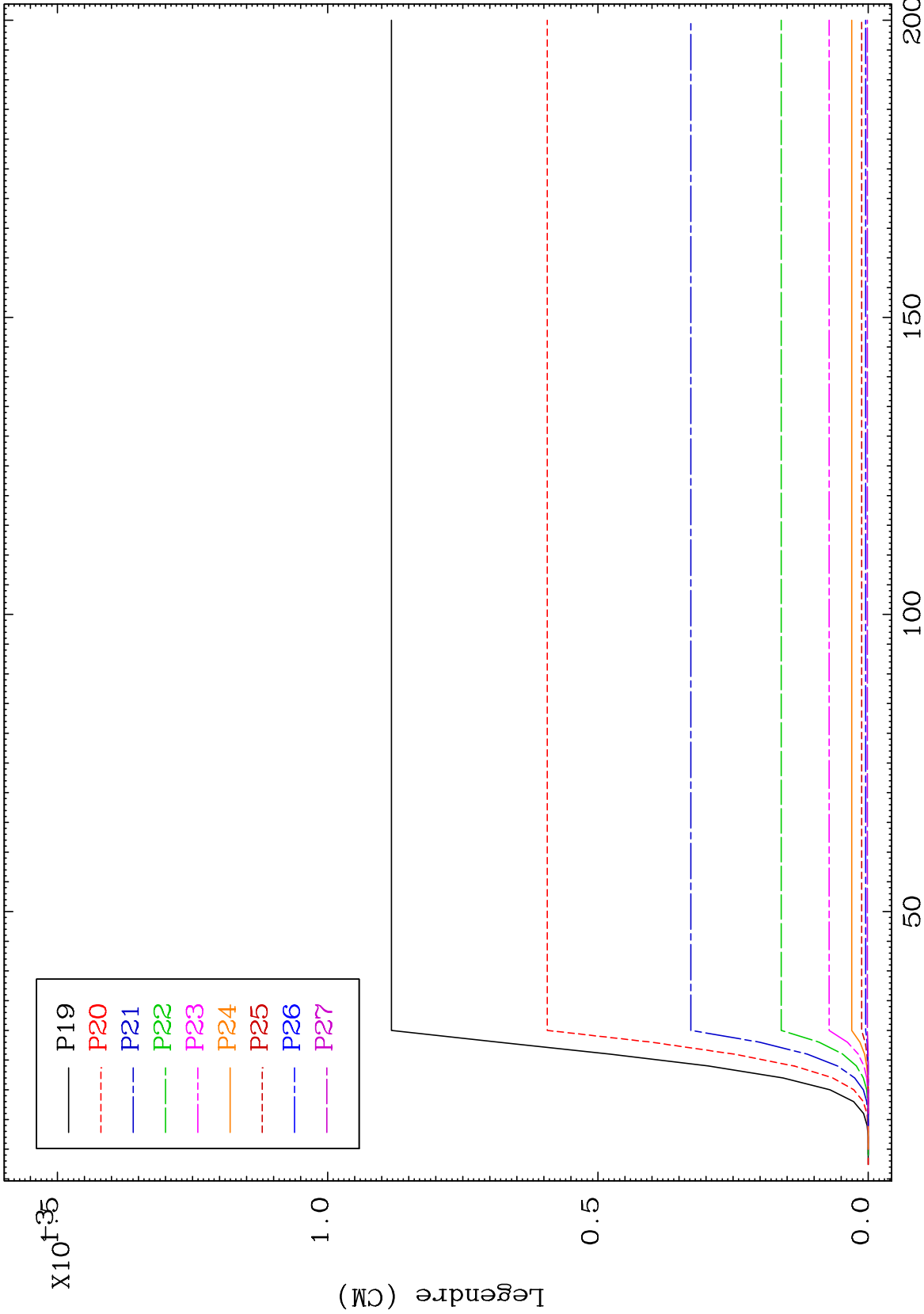
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



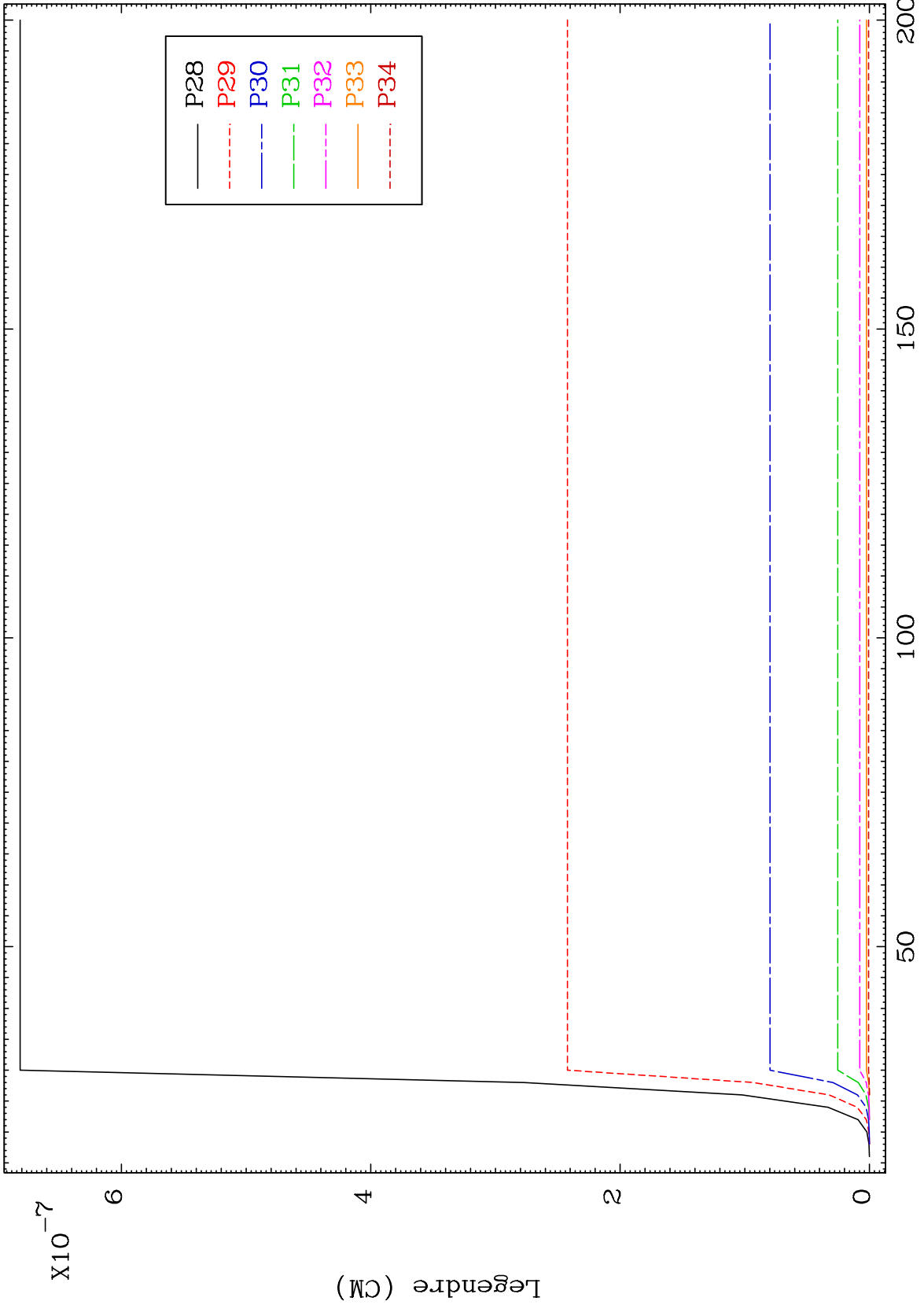
26

43-Tc-100

MAT 4328

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

43-Tc-100



27

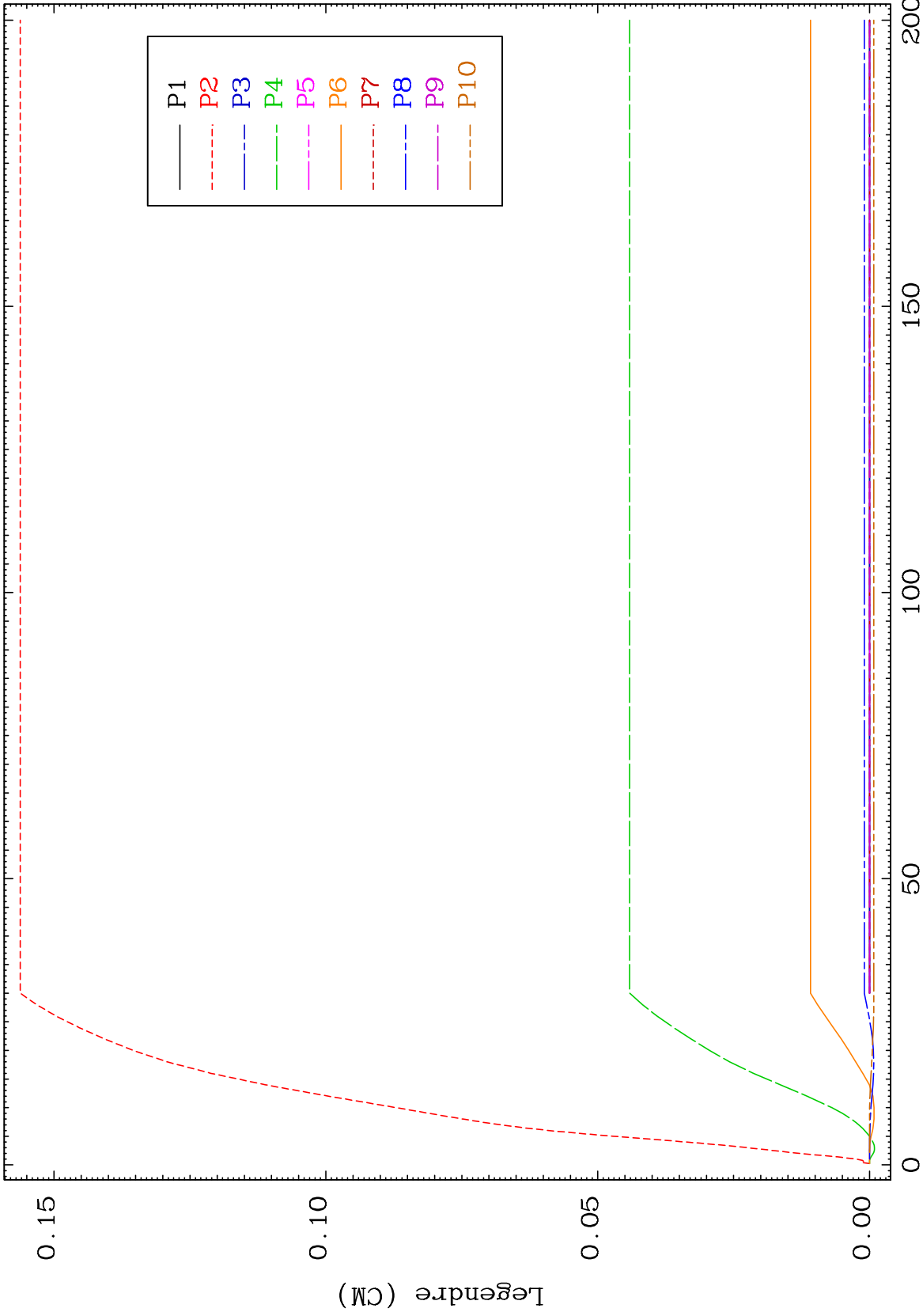
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



28

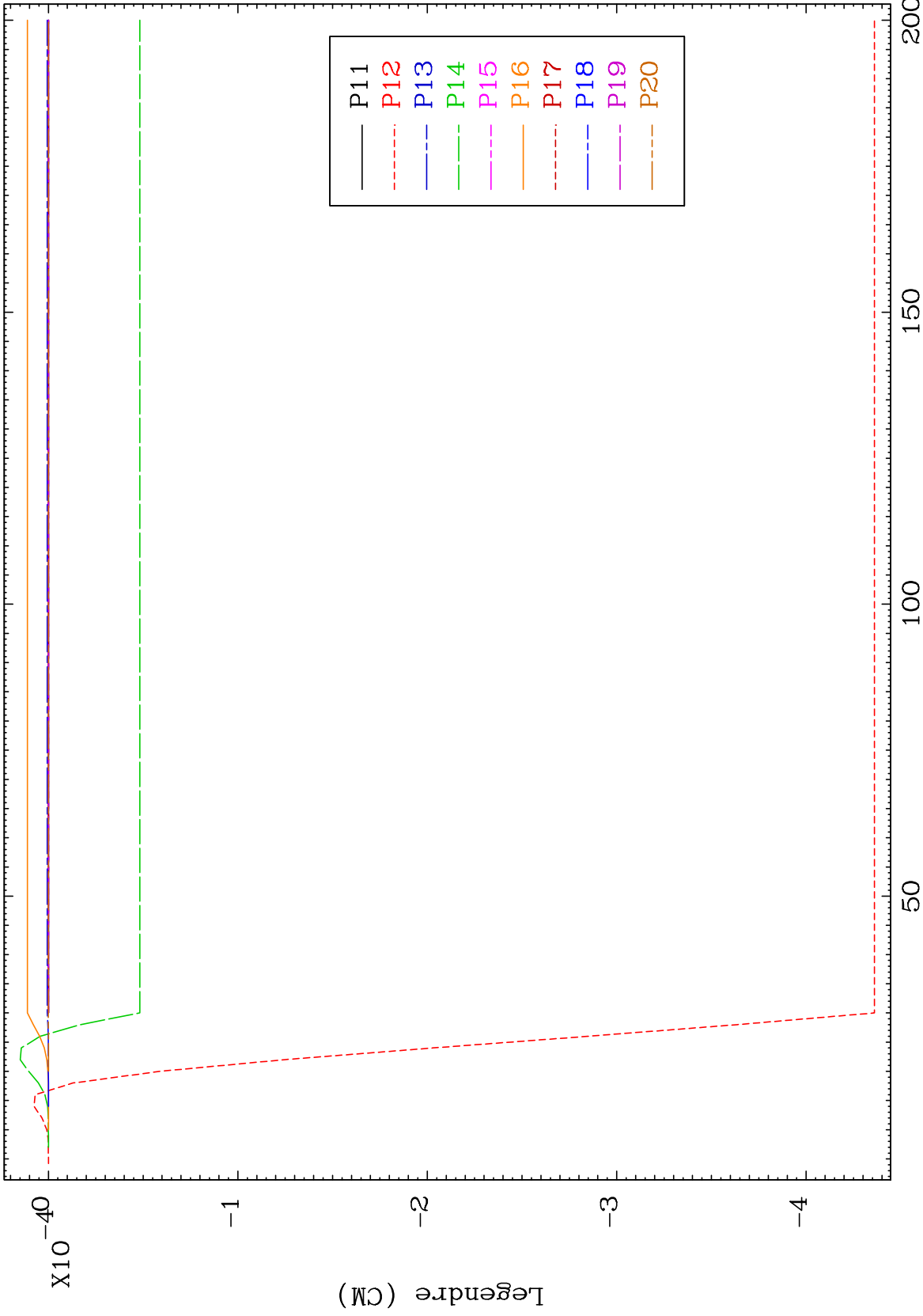
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



29

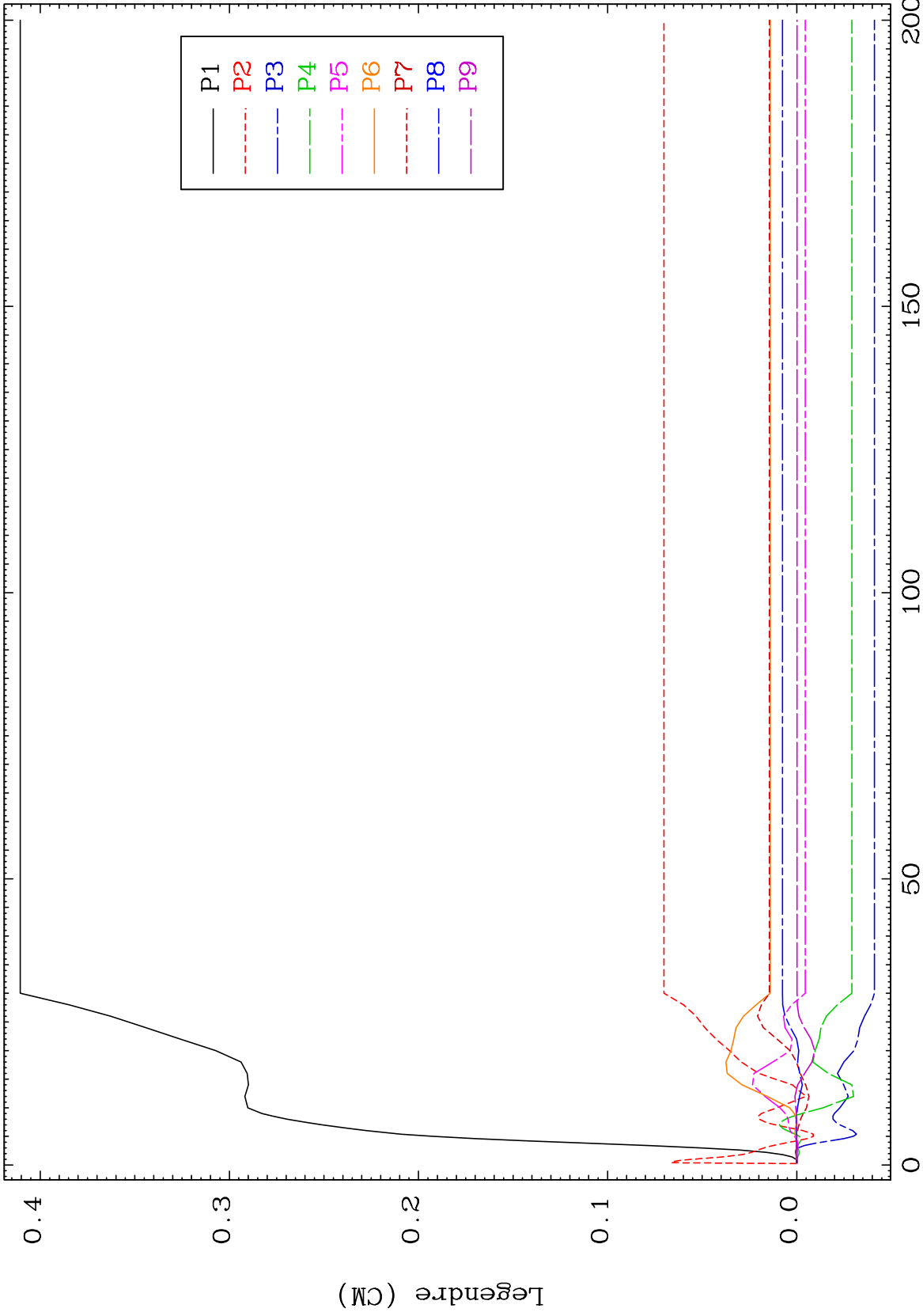
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

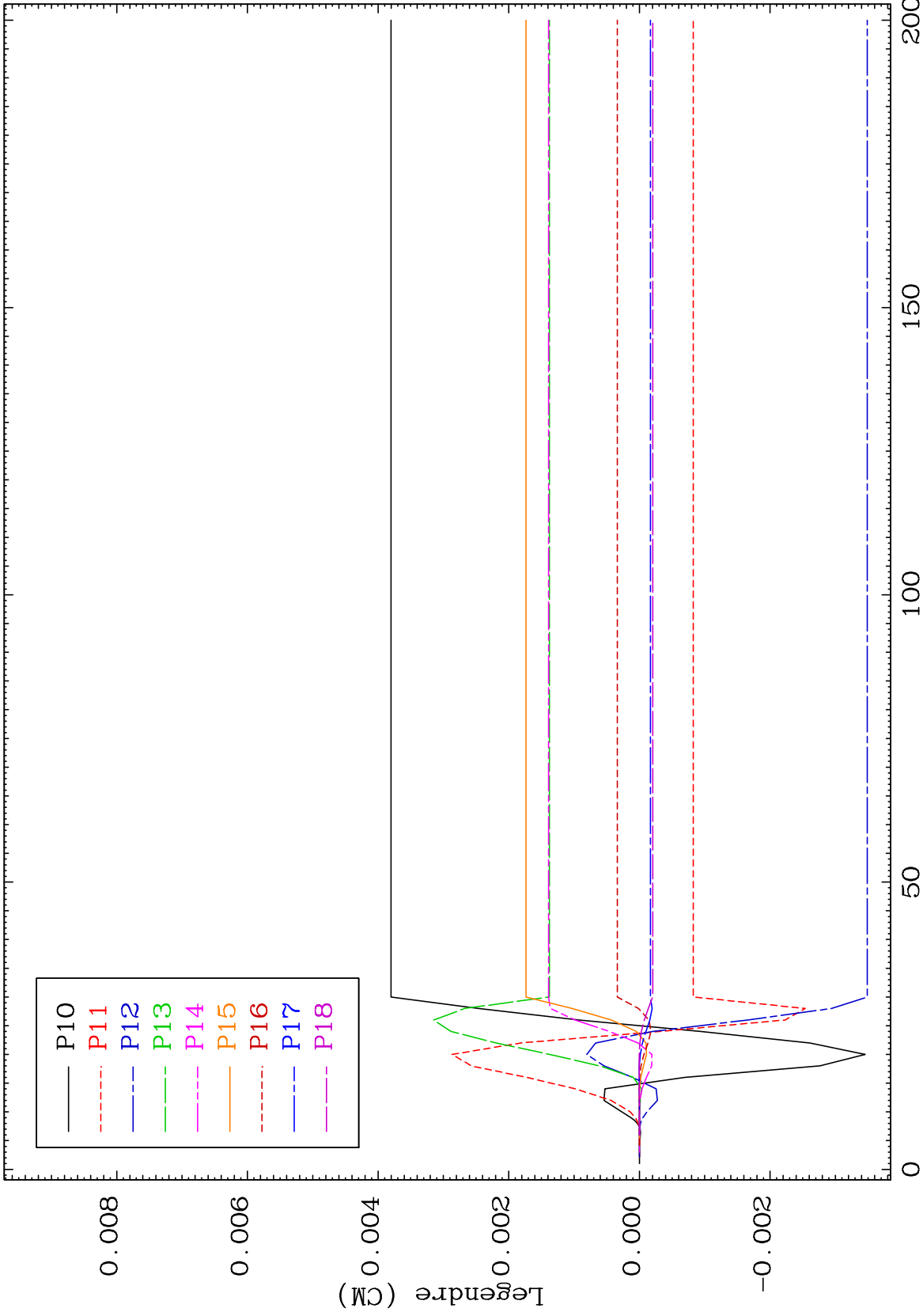
Incident Energy (MeV)

30

MAT 4328

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

43-Tc-100



31

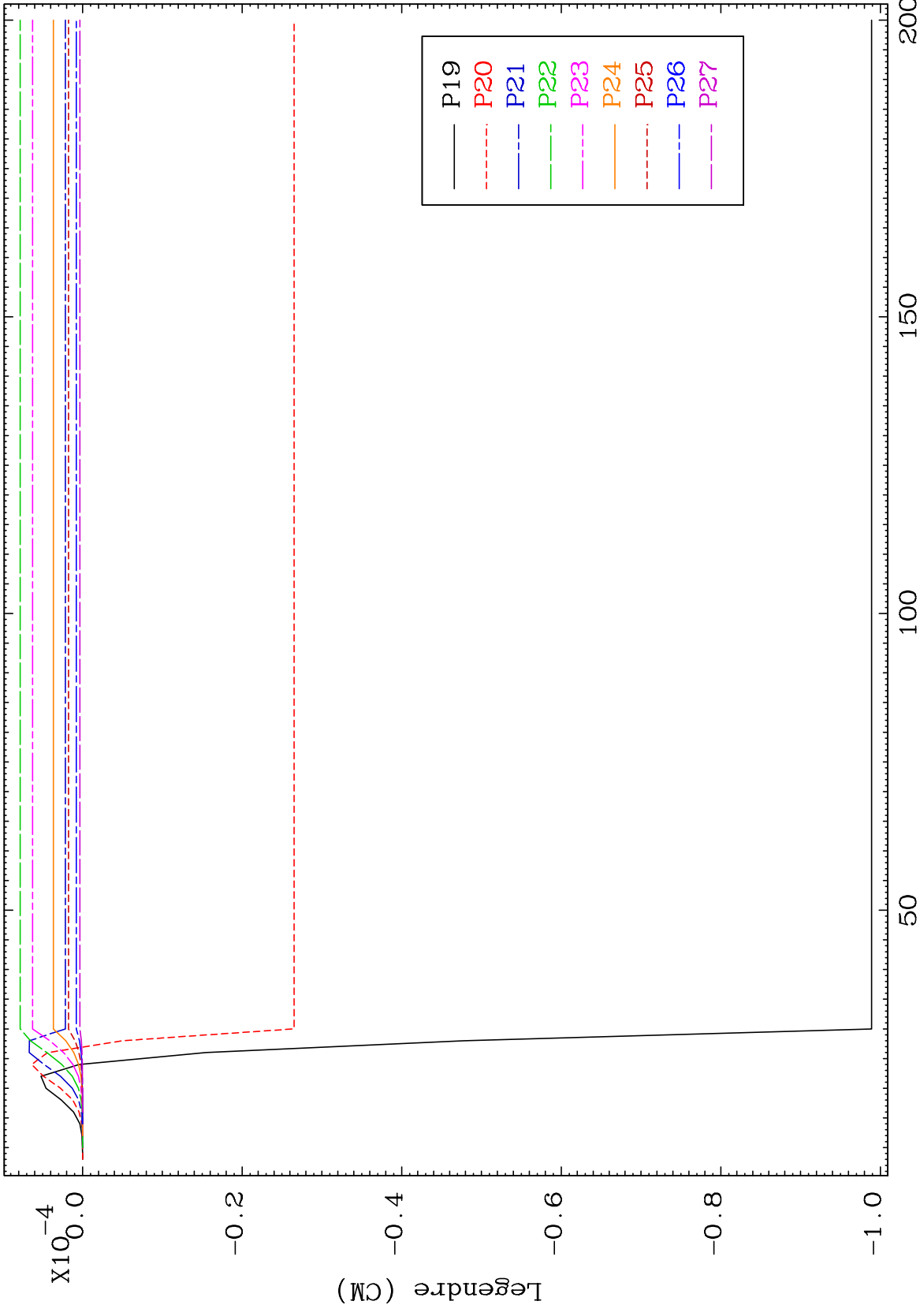
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



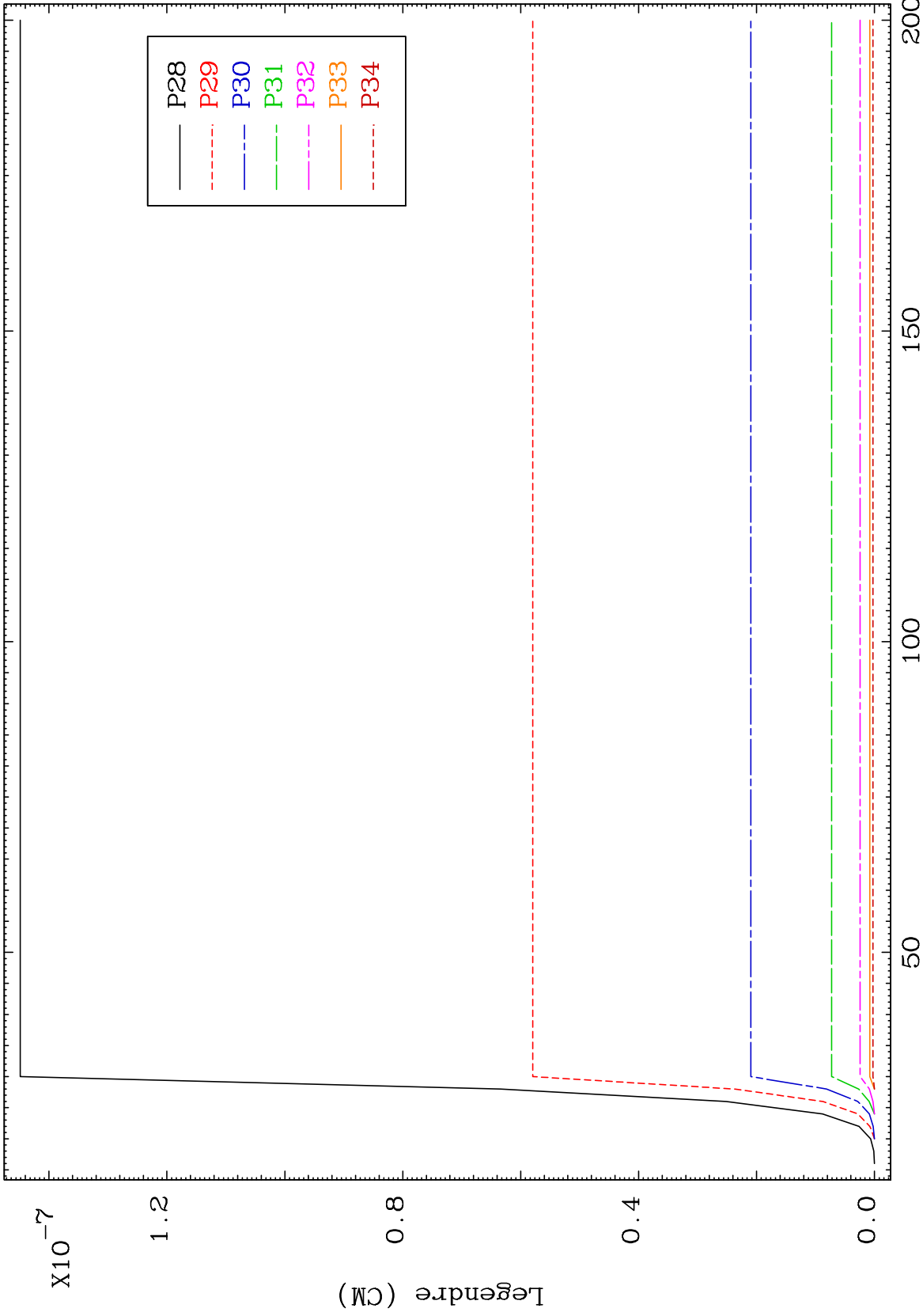
32

43-Tc-100

MAT 4328

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

43-Tc-100

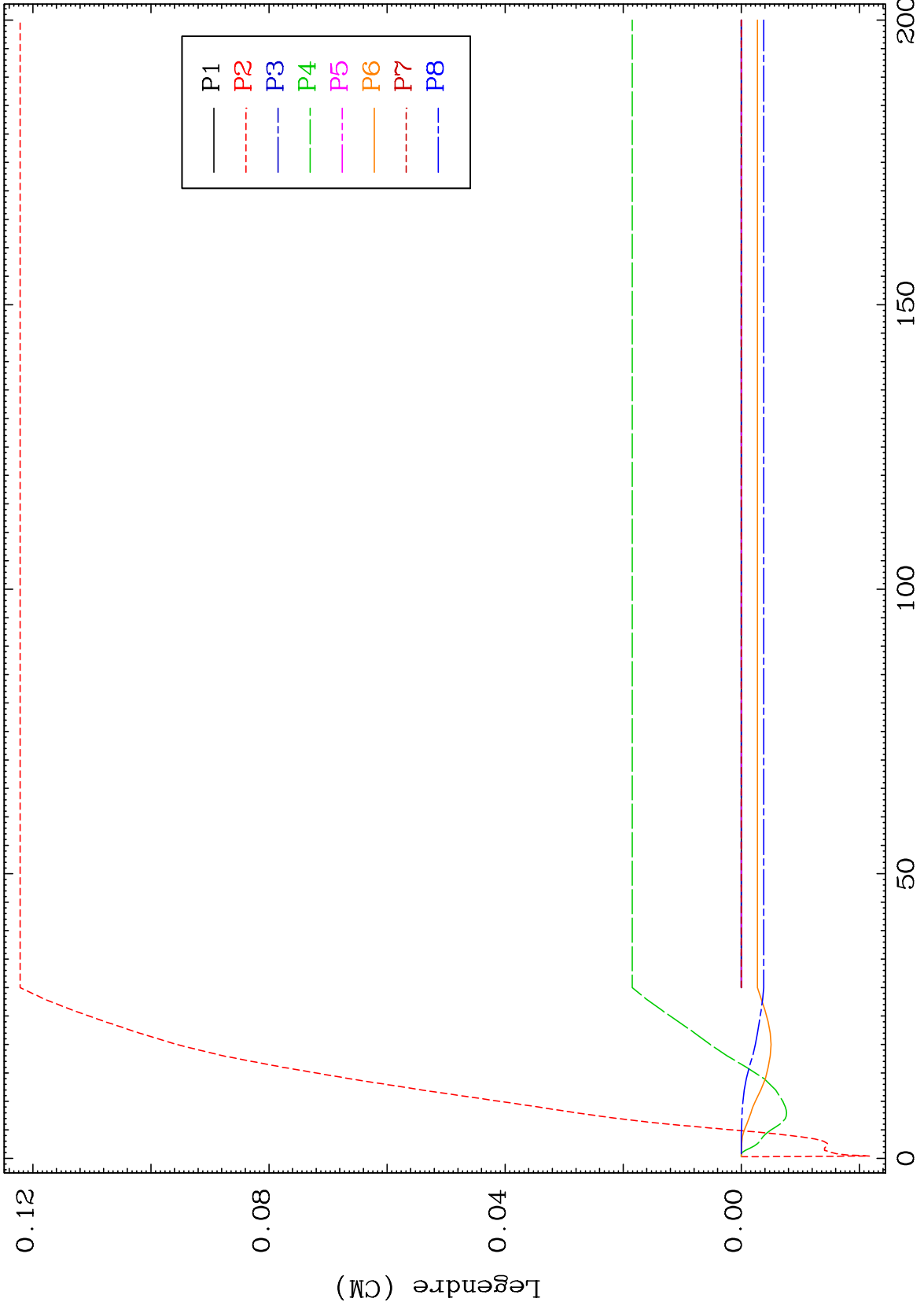


33

Incident Energy (MeV)

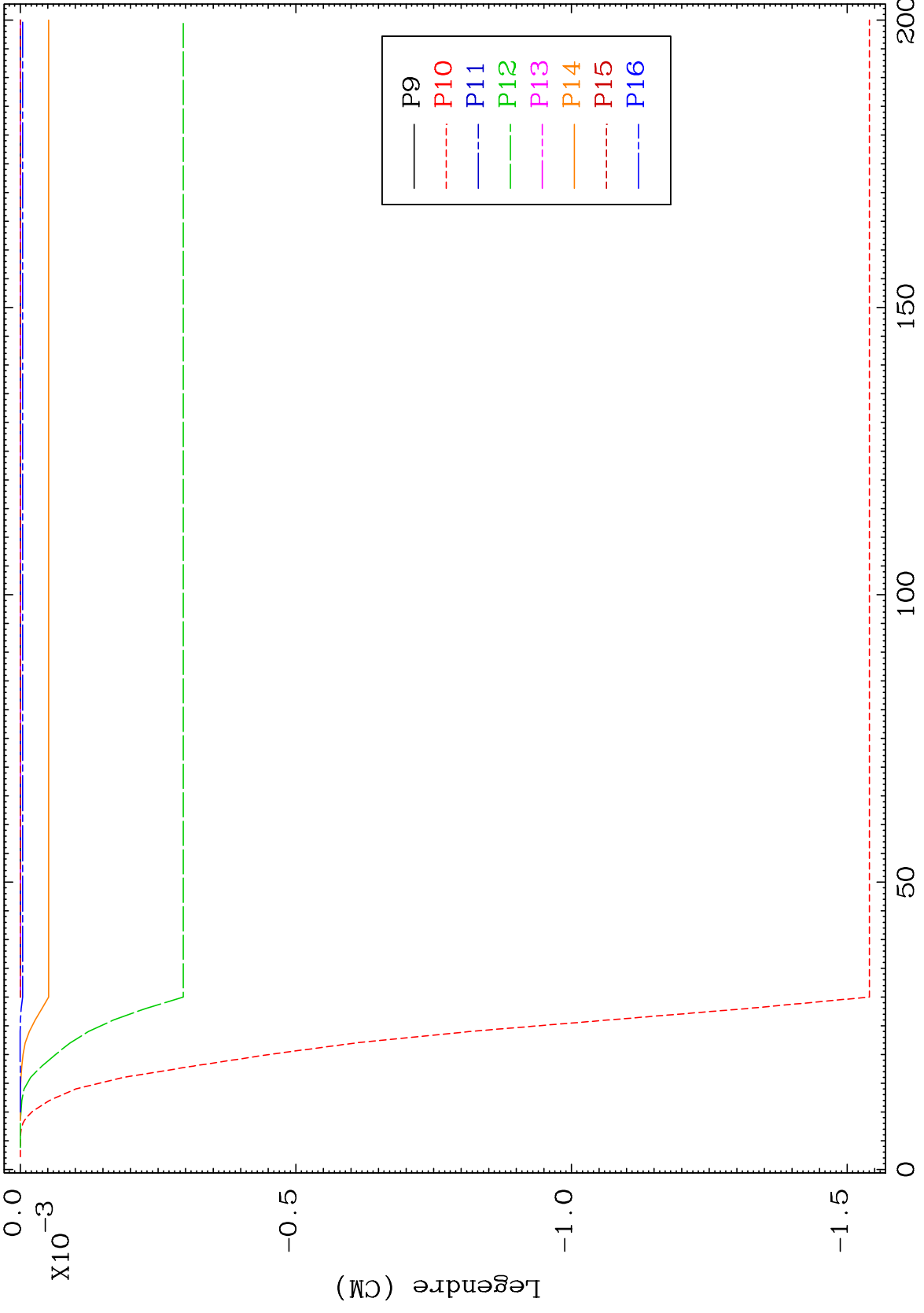
43-Tc-100

MAT 4328 MT= 55 (n,n') Level Legendre Coefficients 43-Tc-100



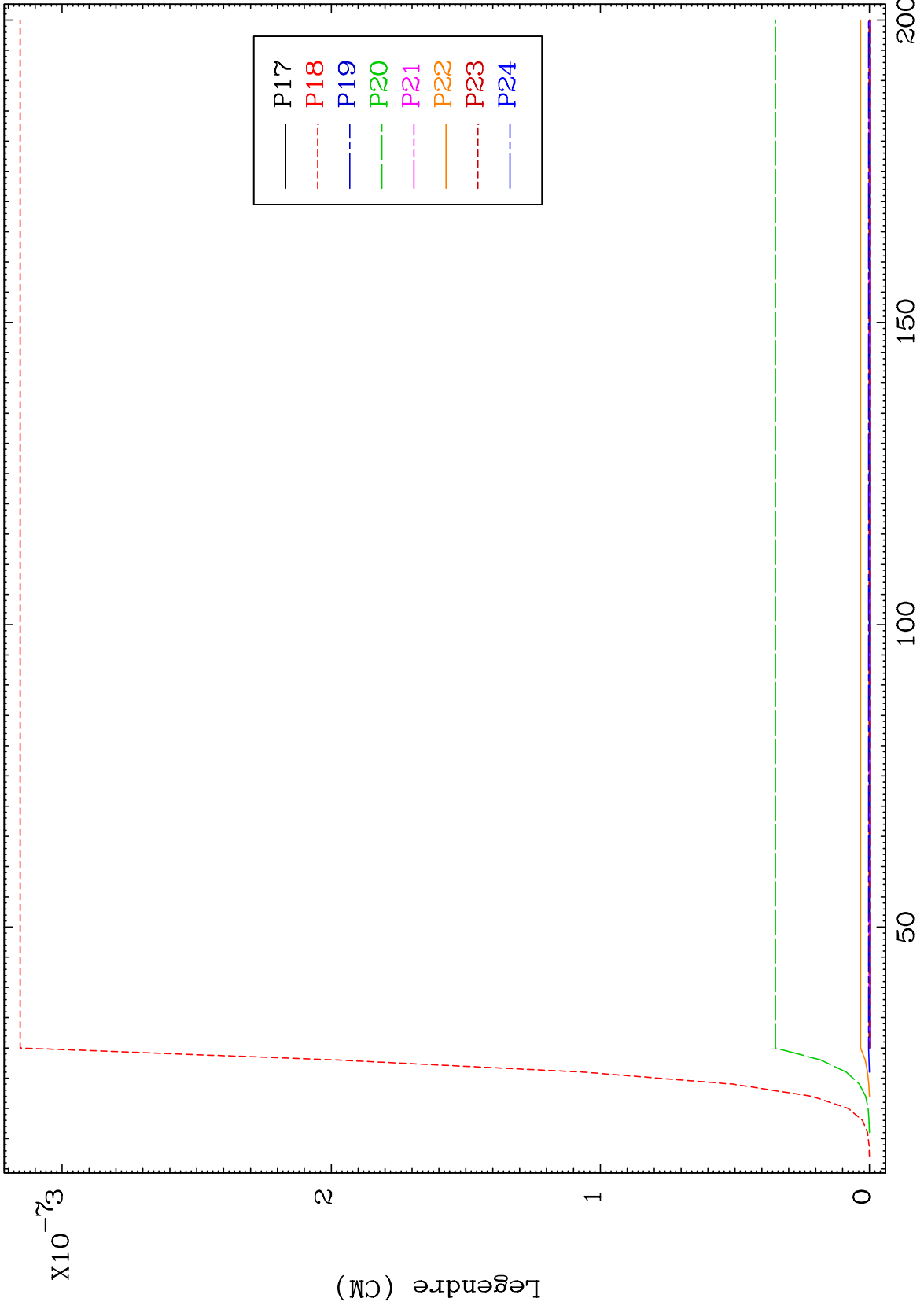
34 43-Tc-100

MAT 4328 MT= 55 (n,n') Level Legendre Coefficients 43-Tc-100



35 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 55 (n,n') Level Legendre Coefficients 43-Tc-100

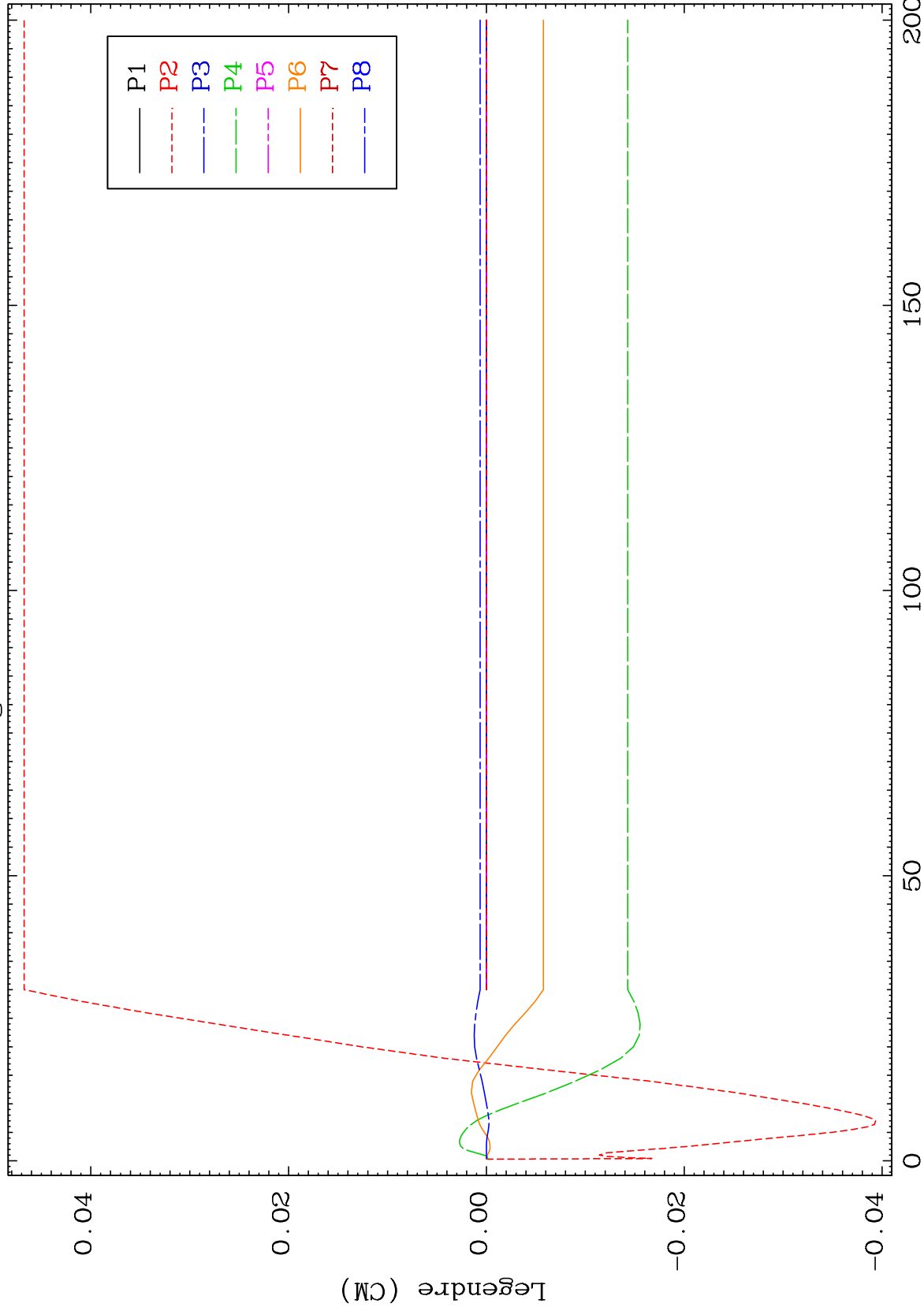


36 43-Tc-100

MAT 4328

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

43-Tc-100



37

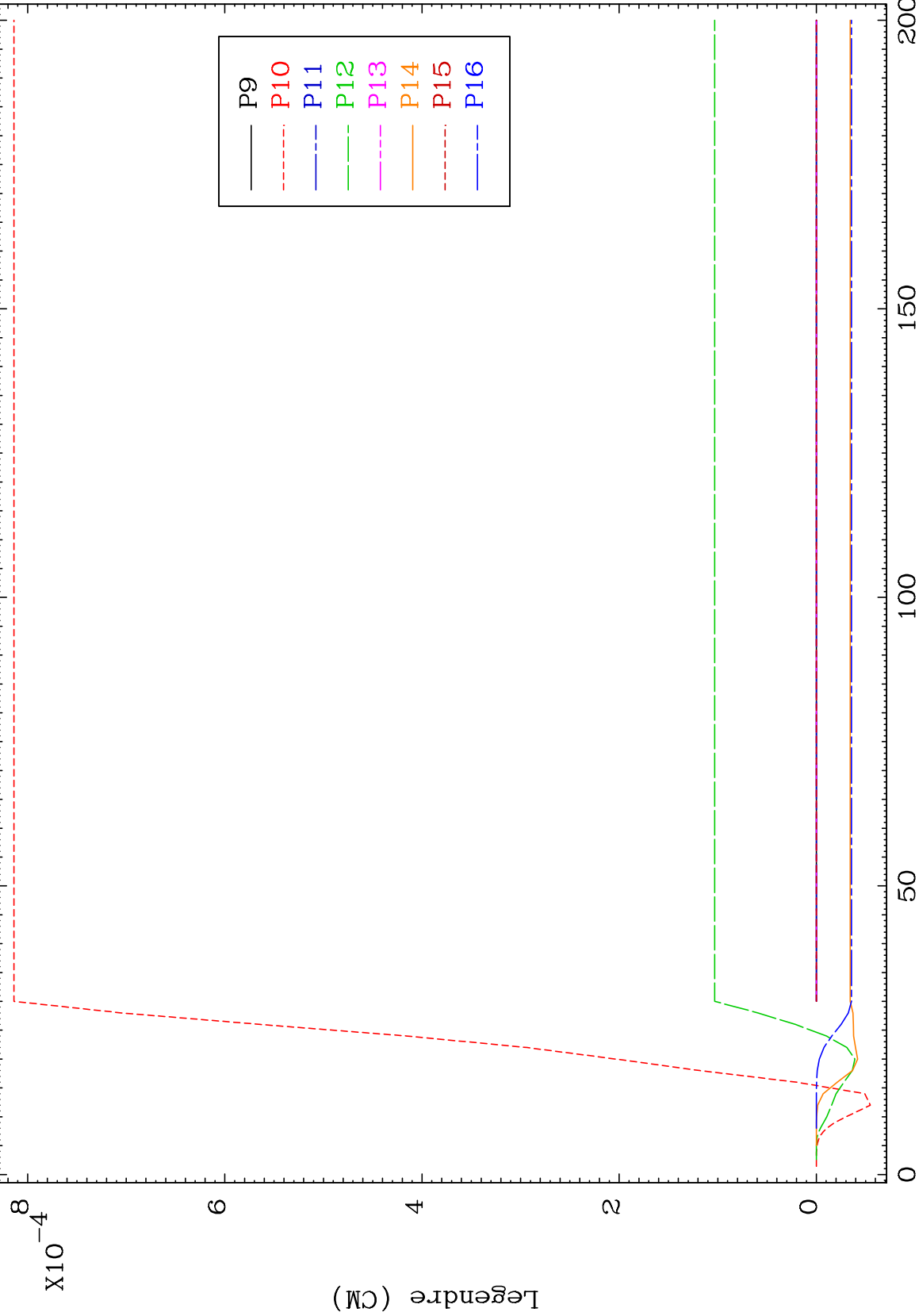
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



38

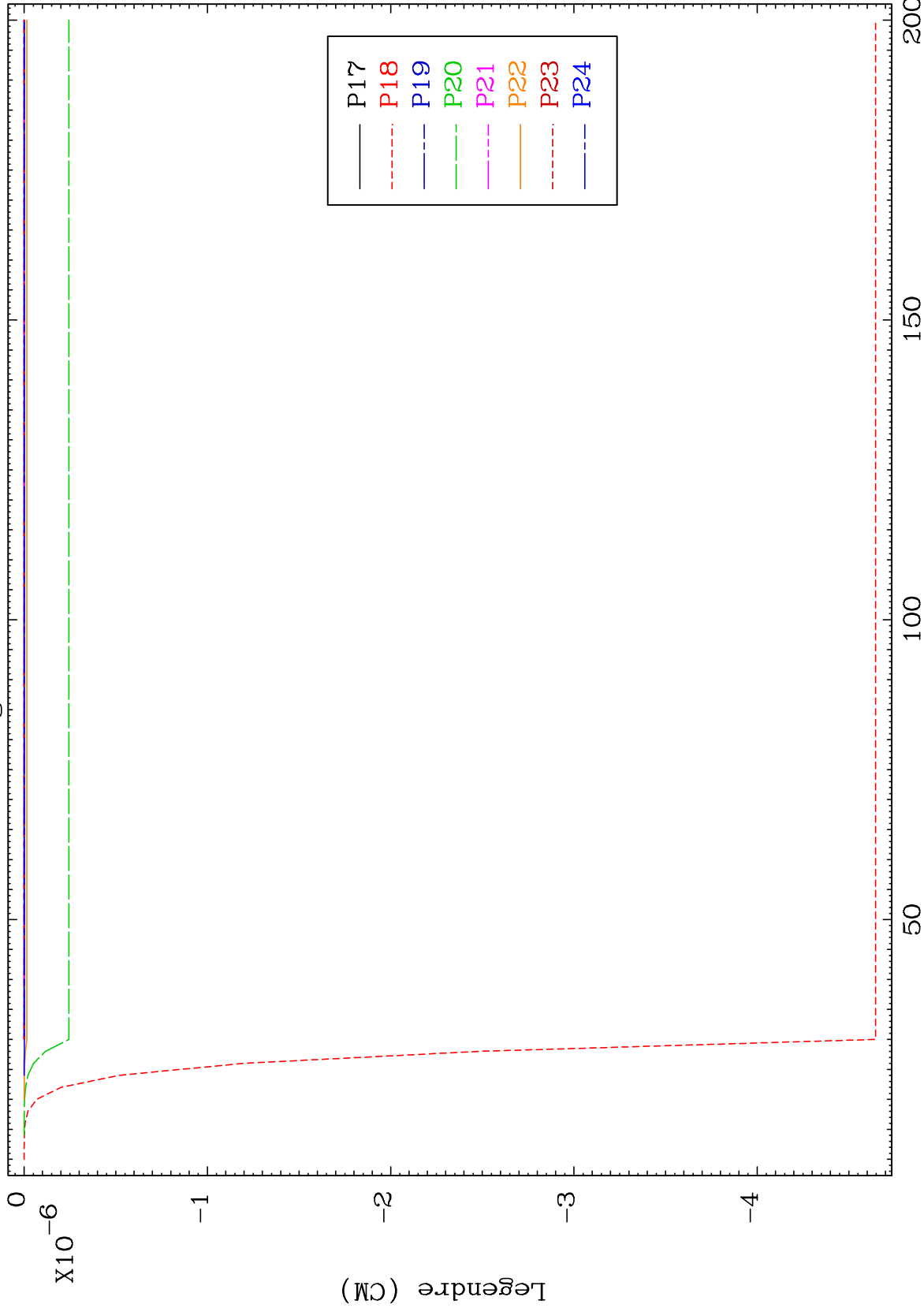
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



39

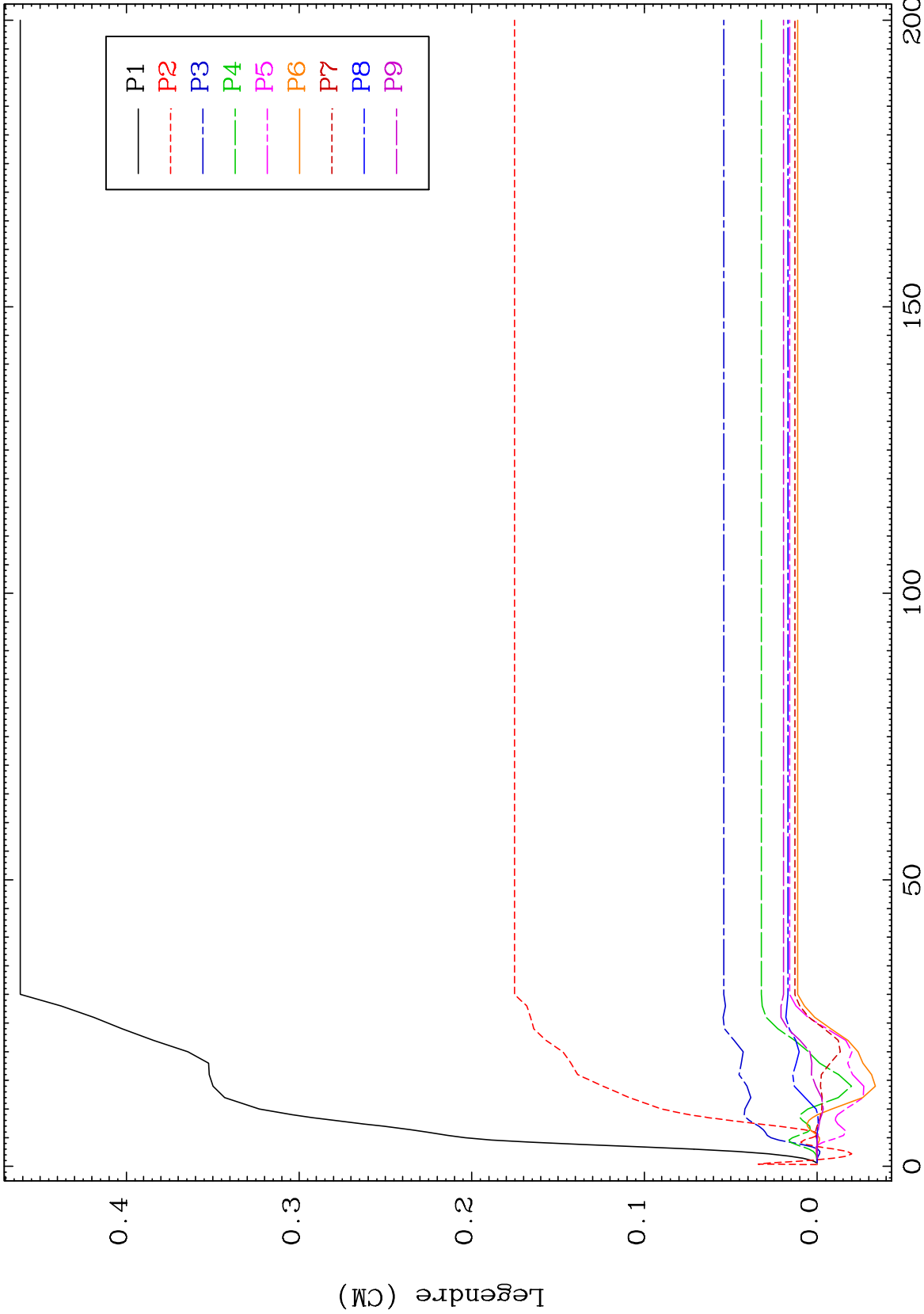
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



40

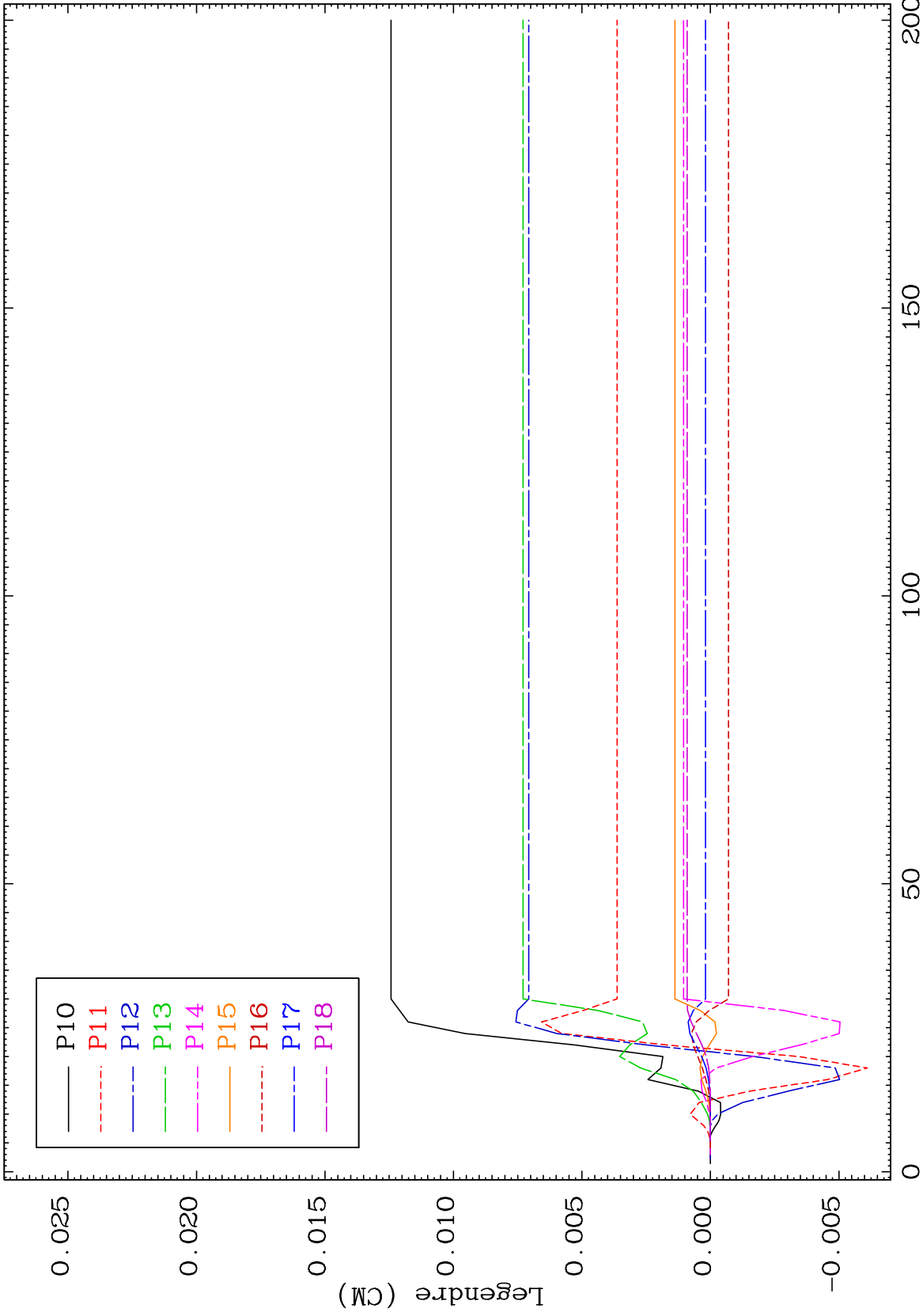
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



41

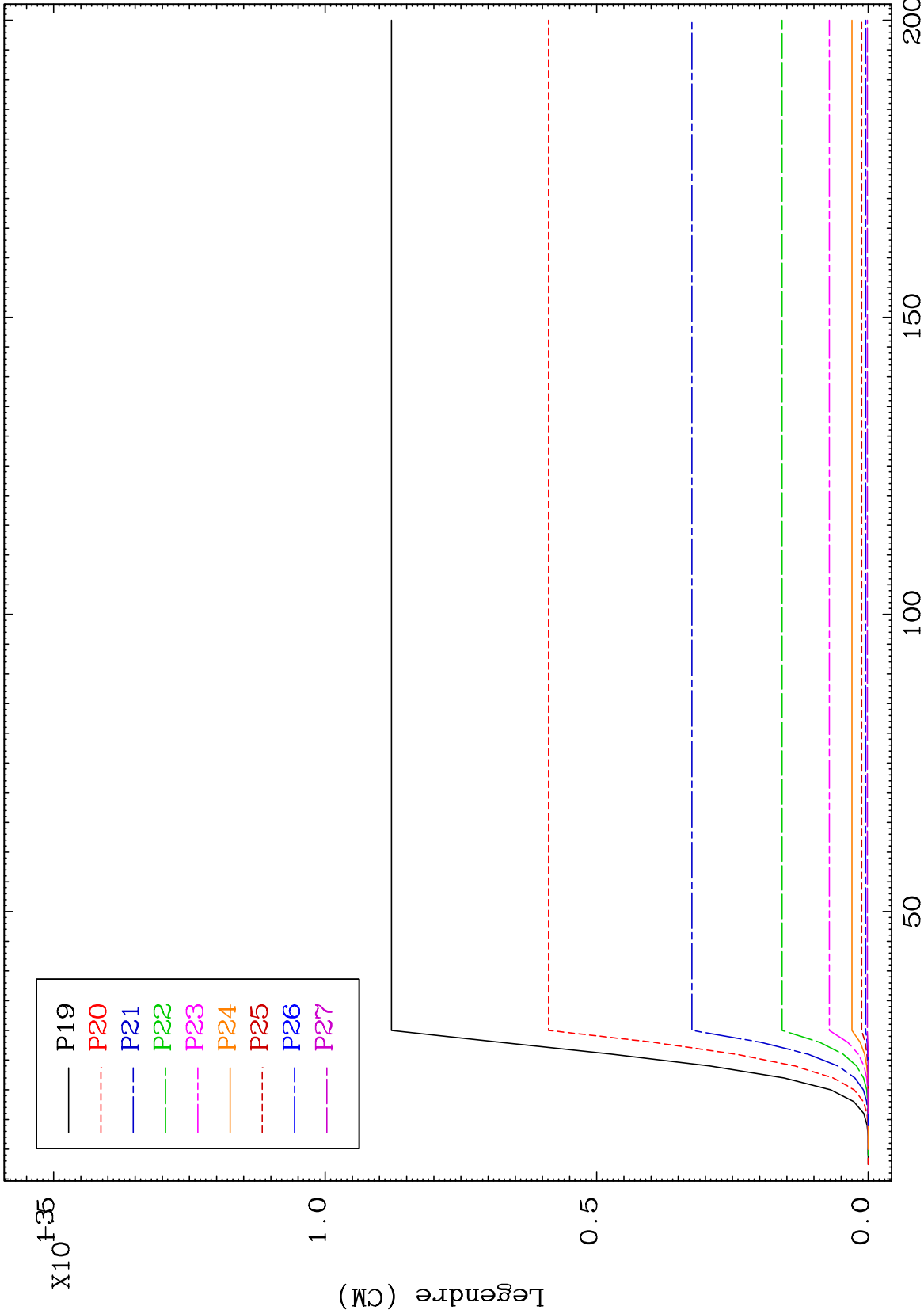
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



42

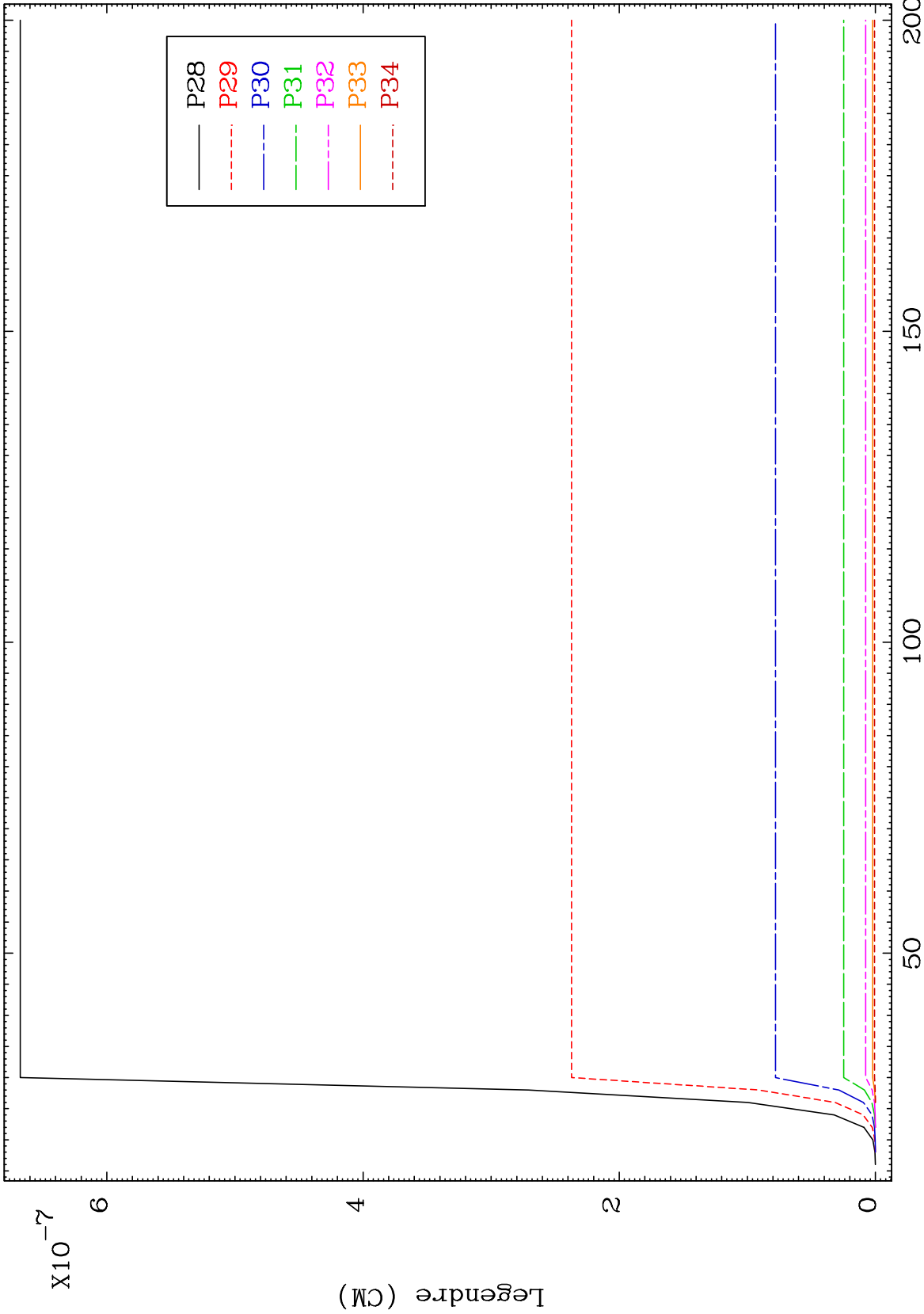
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

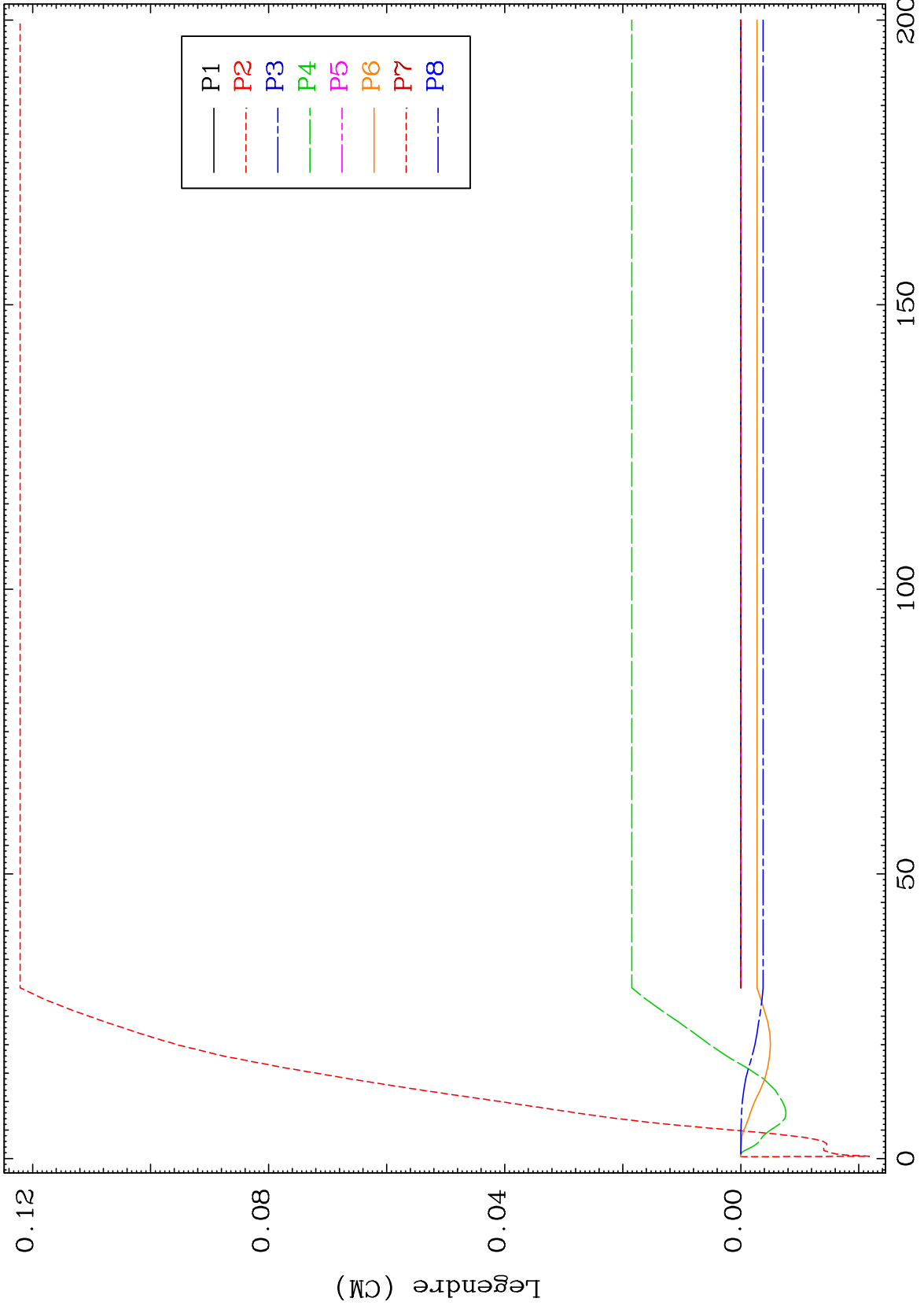


43

Incident Energy (MeV)

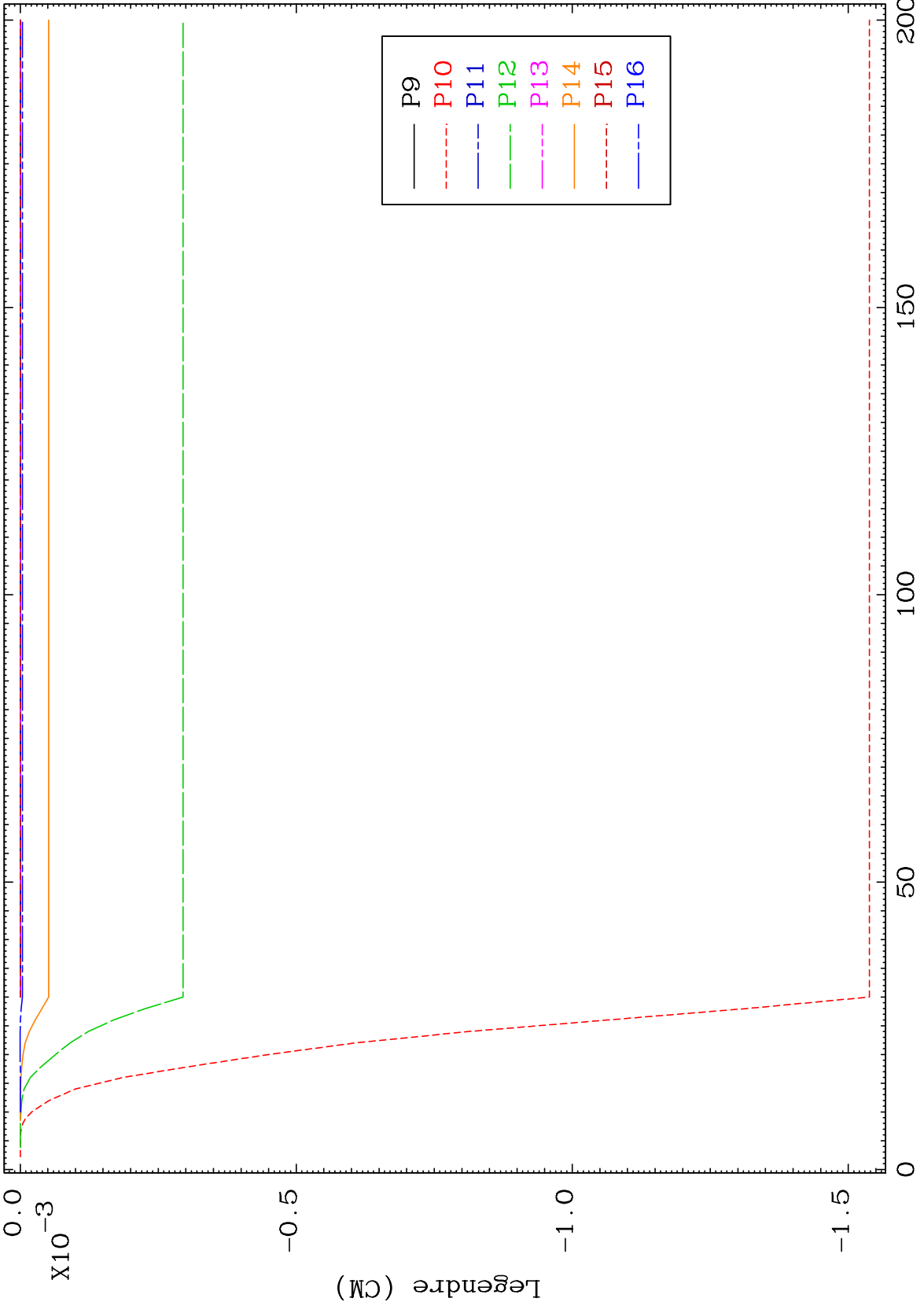
43-Tc-100

MAT 4328 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-100



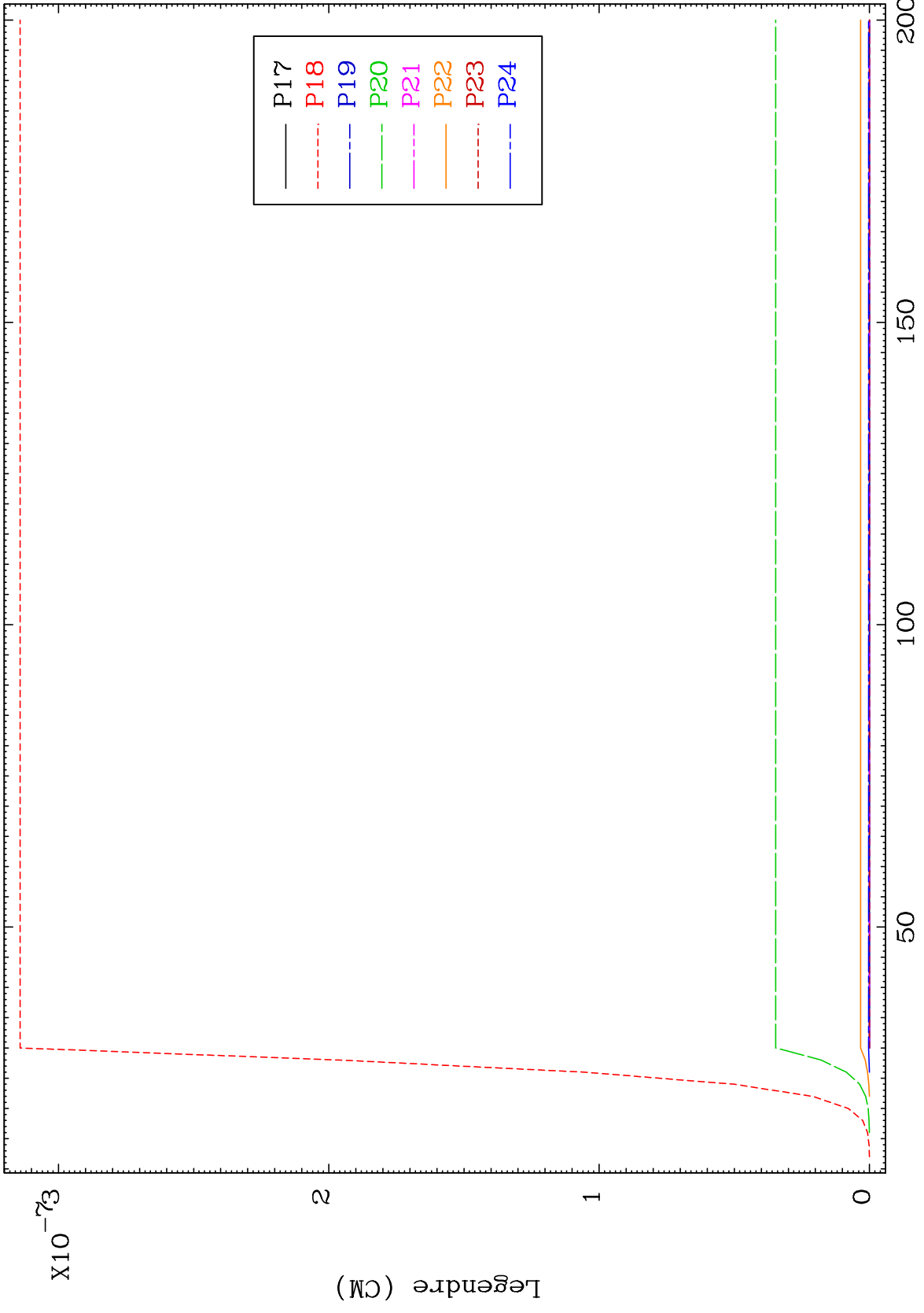
44 43-Tc-100

MAT 4328 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-100



45 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-100

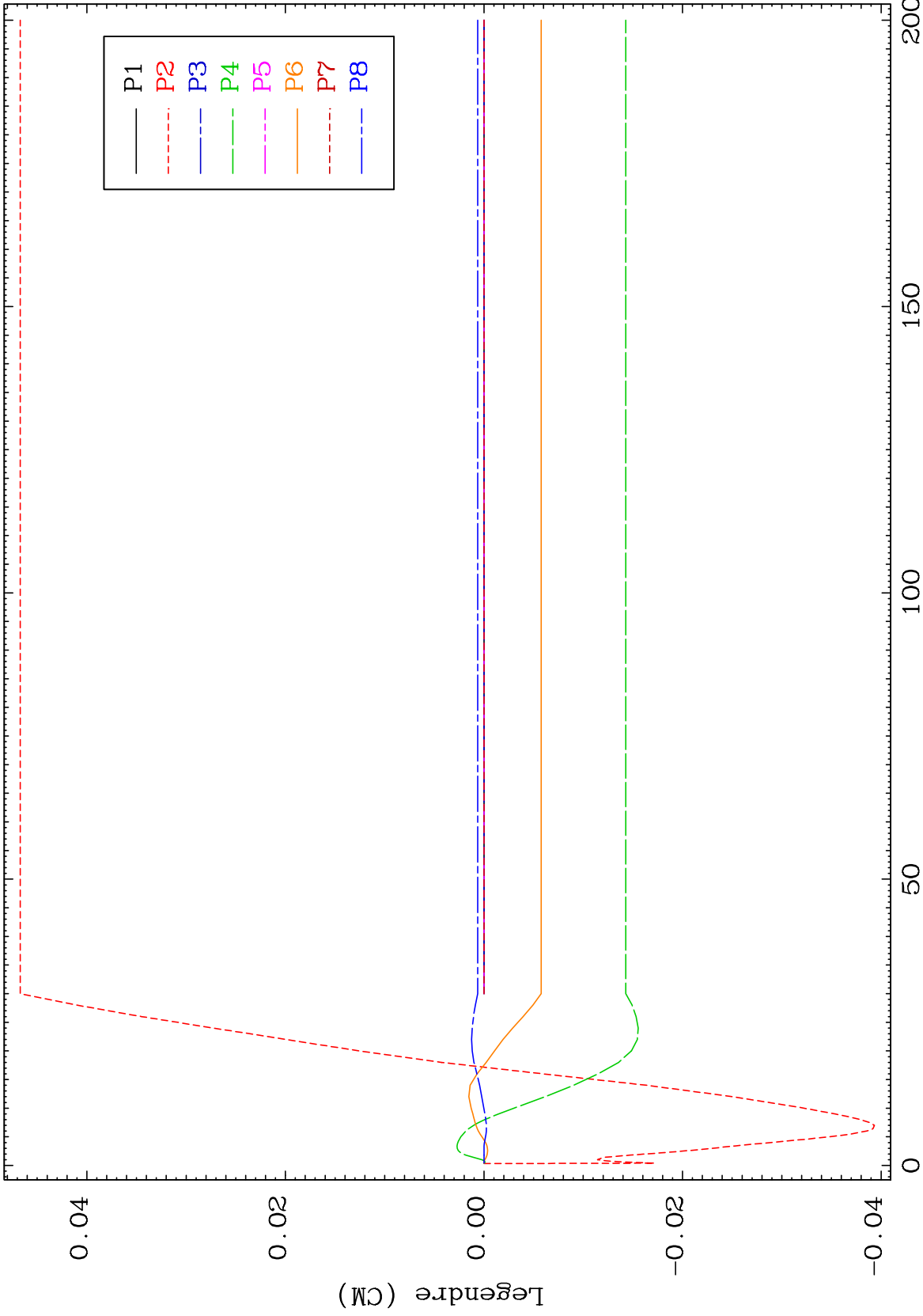


46 Incident Energy (MeV) 43-Tc-100

MAT 4328

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

43-Tc-100



47

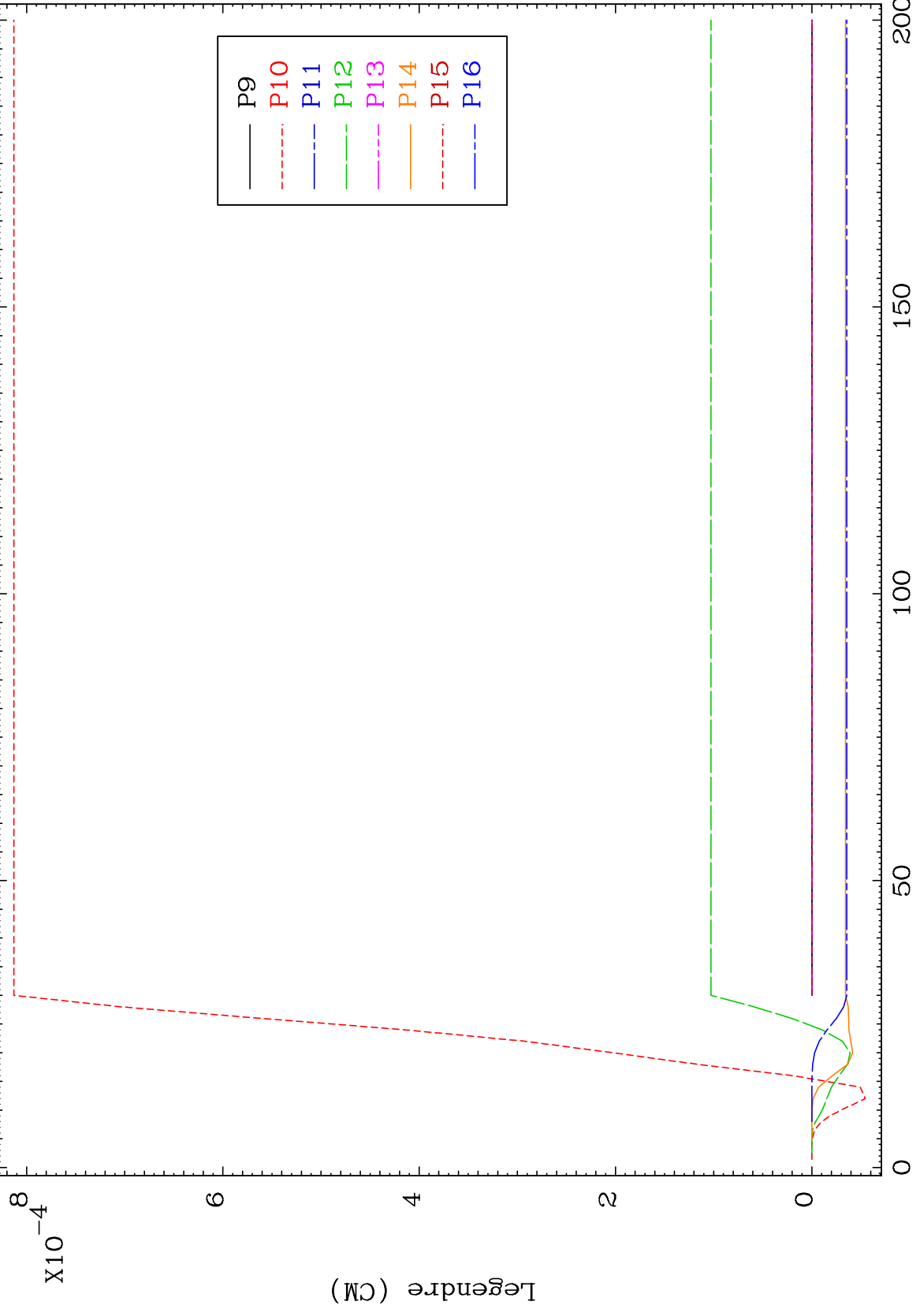
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

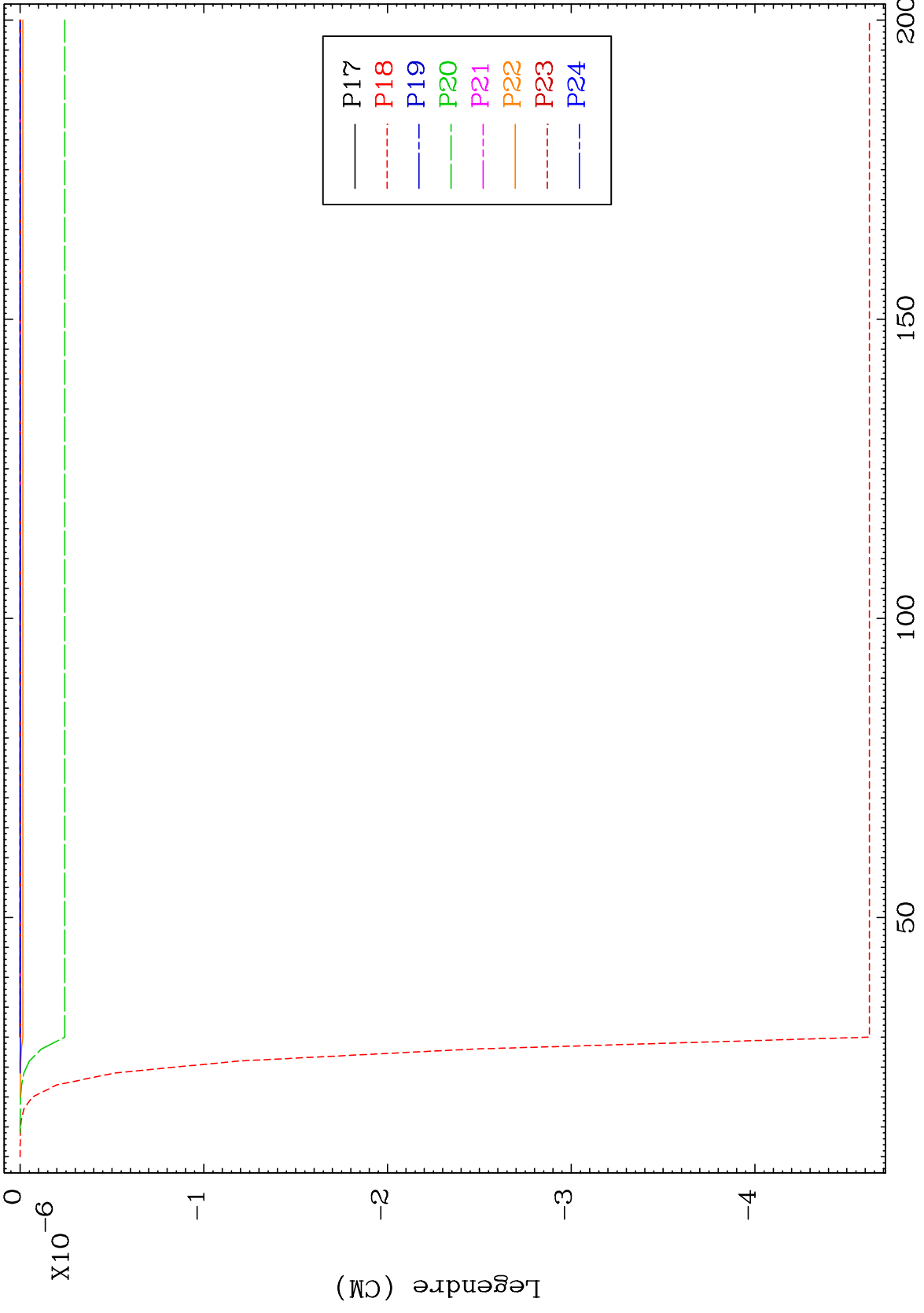


48

Incident Energy (MeV)

43-Tc-100

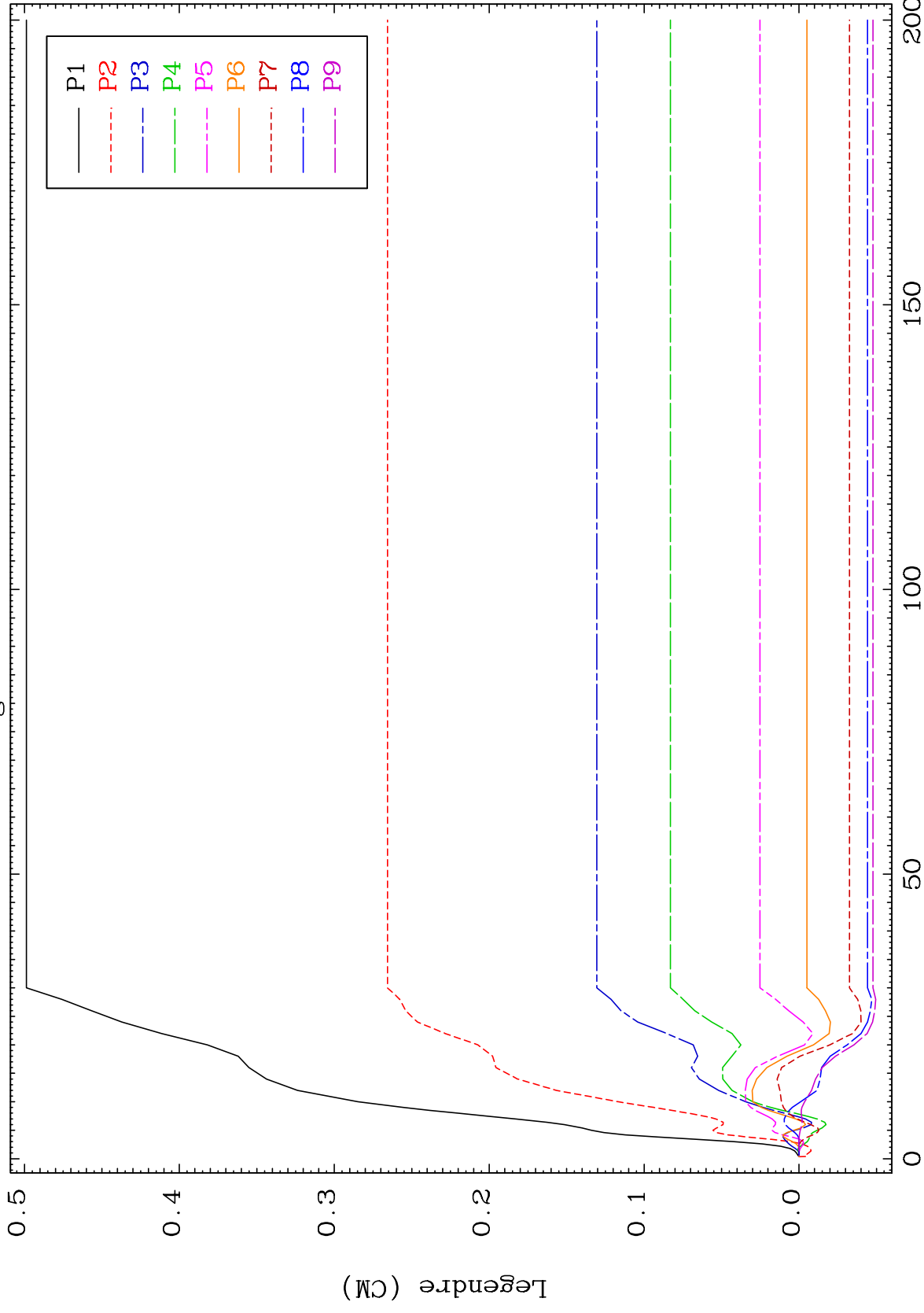
MAT 4328 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-100



MAT 4328

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

43-Tc-100



43-Tc-100

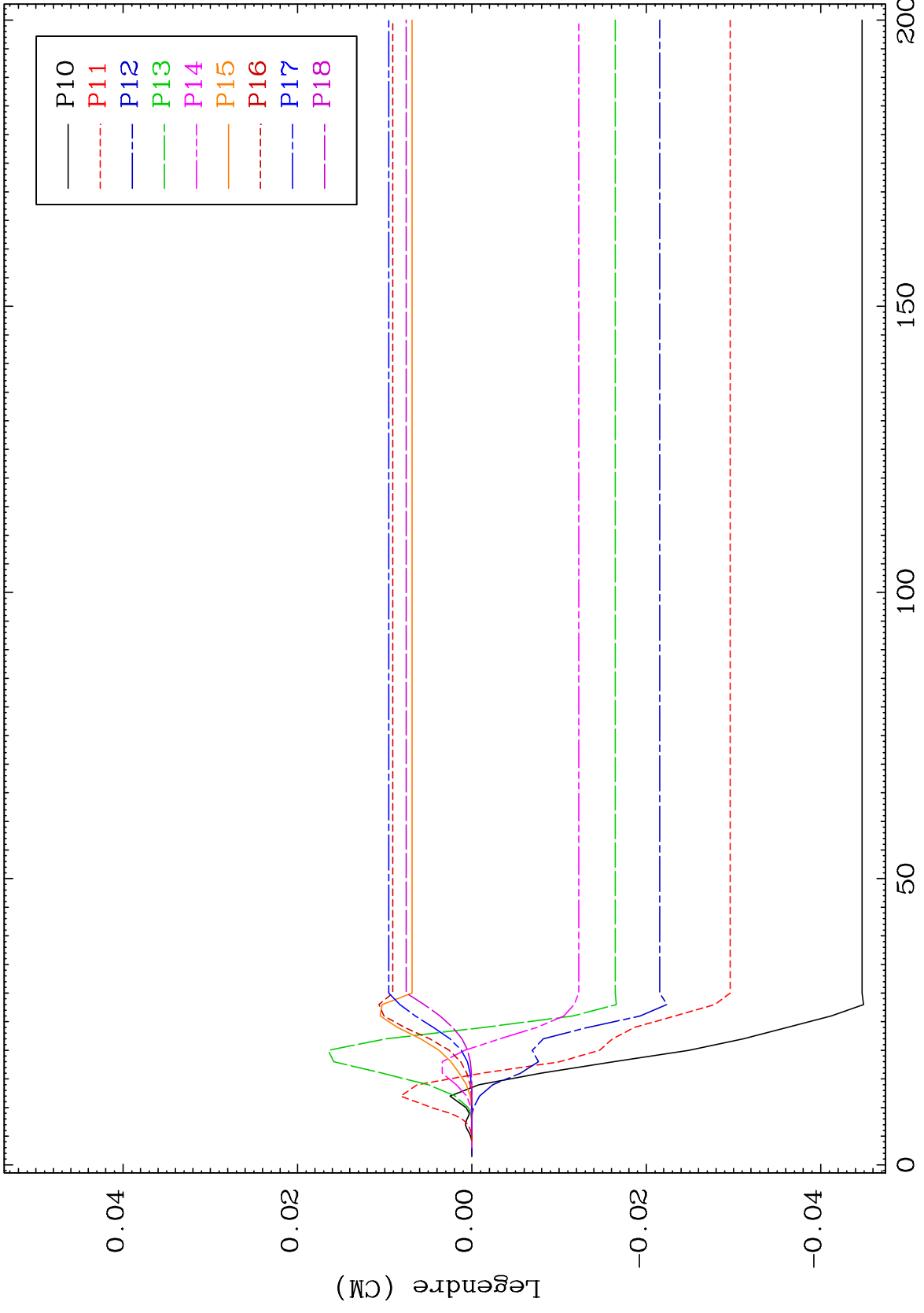
Incident Energy (MeV)

50

MAT 4328

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

43-Tc-100



51

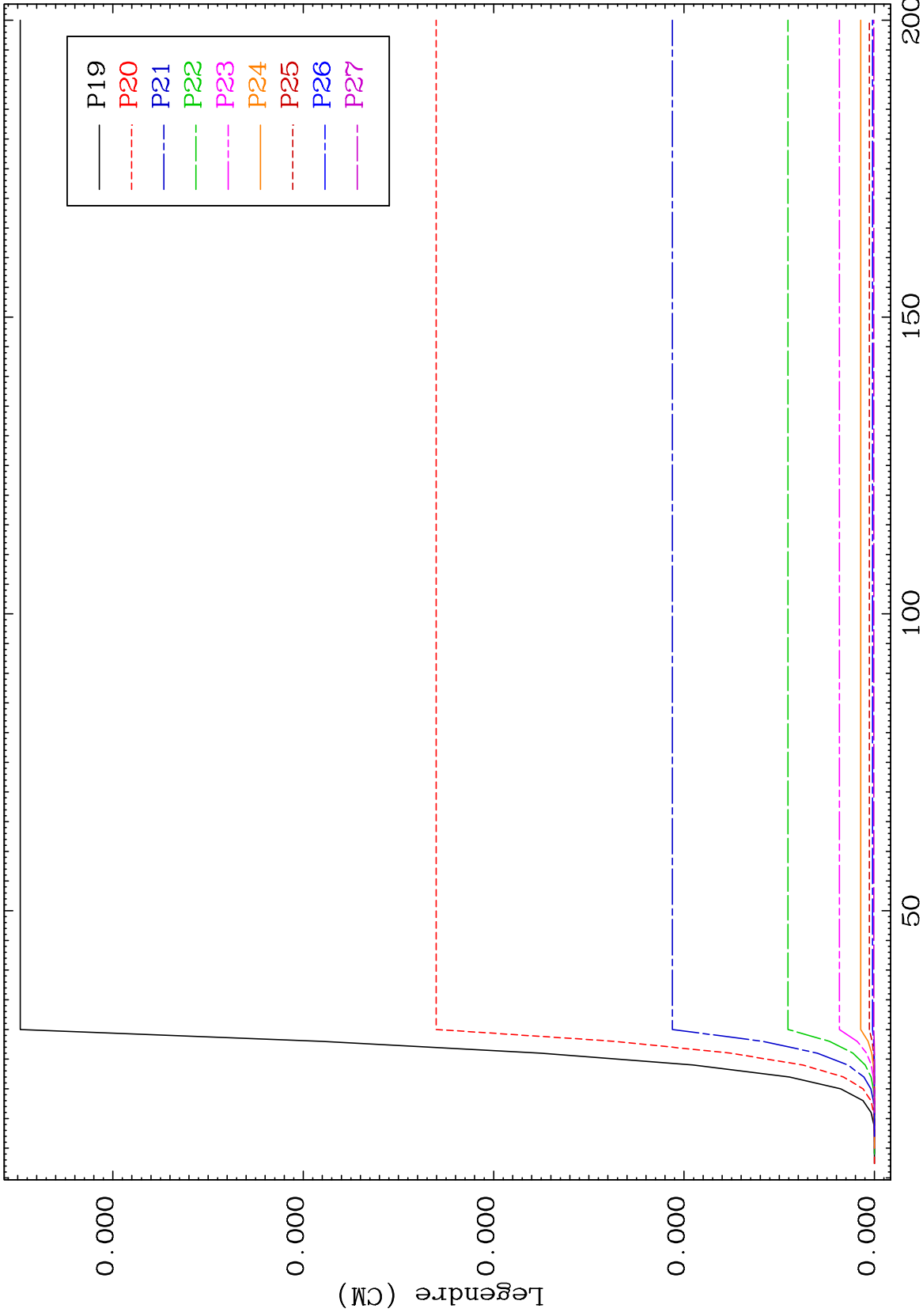
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



52

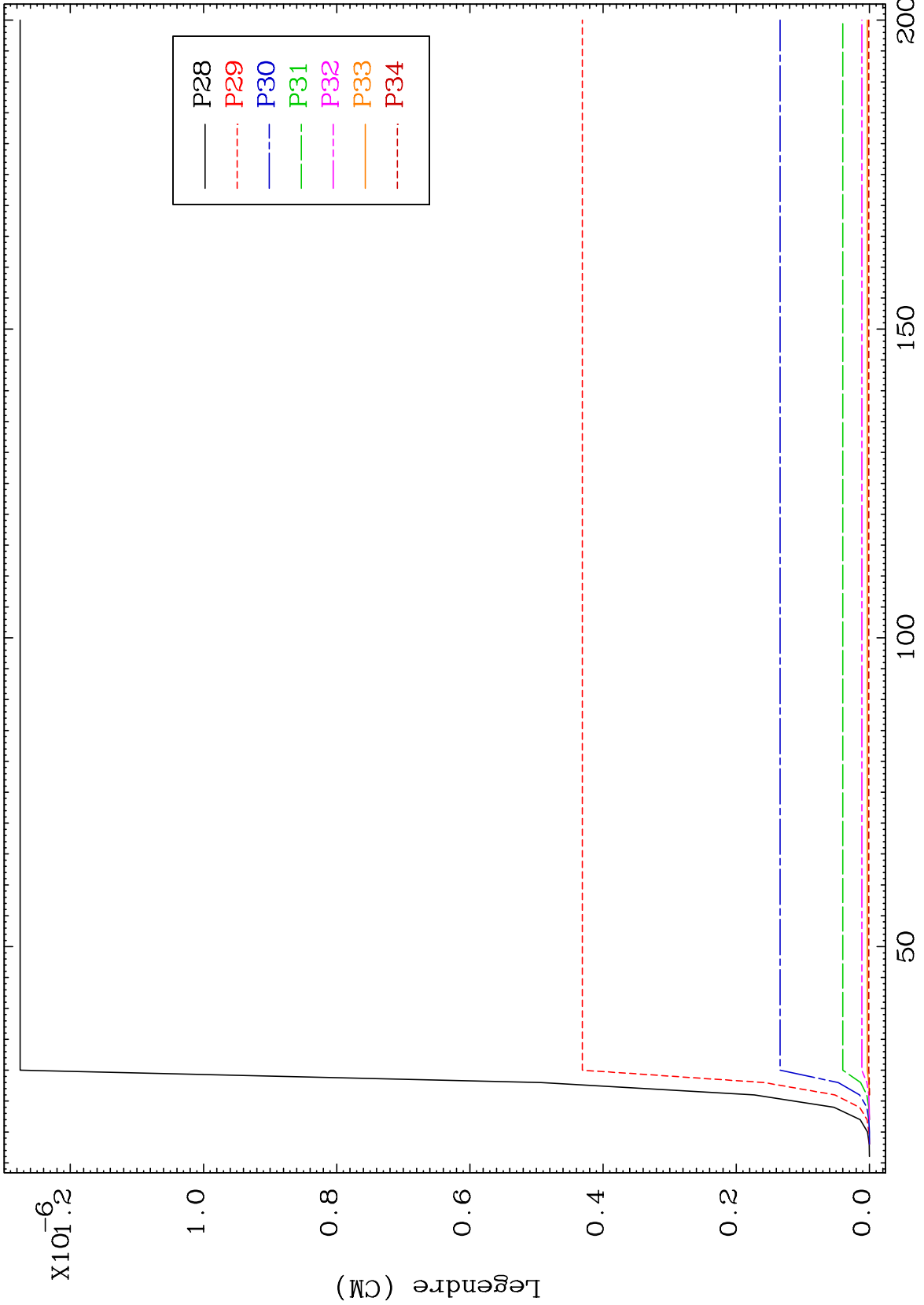
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

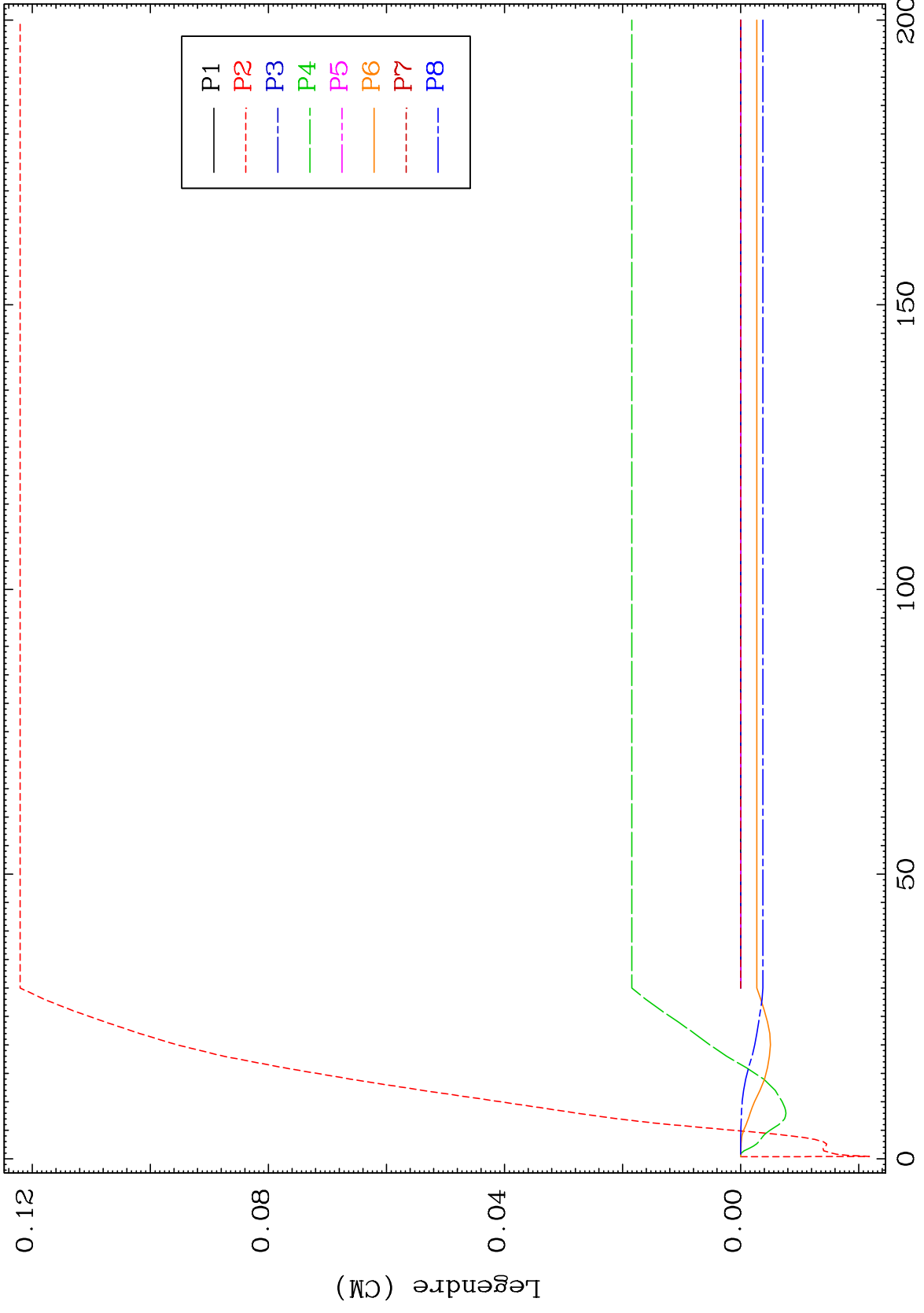


53

Incident Energy (MeV)

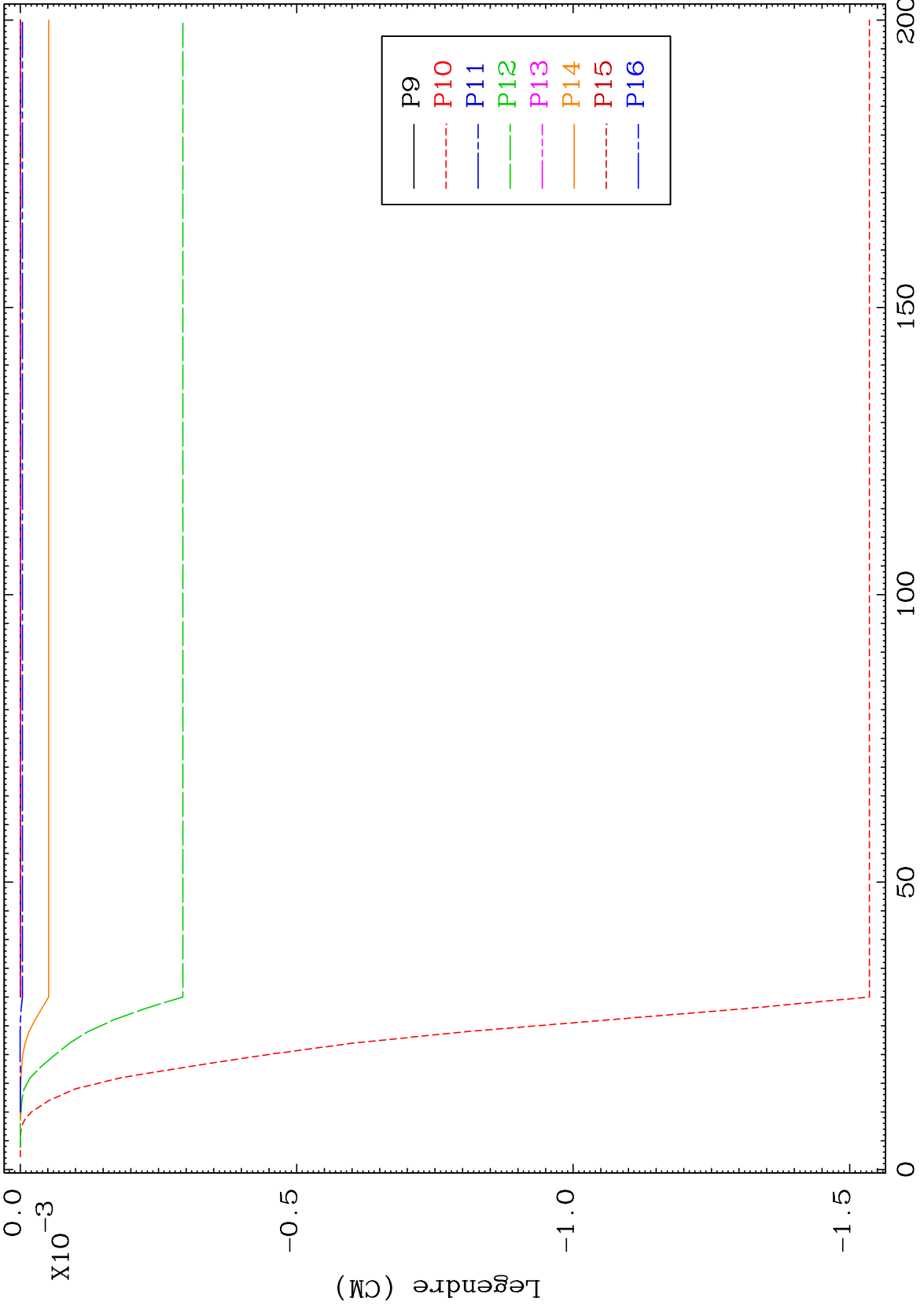
43-Tc-100

MAT 4328 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-100



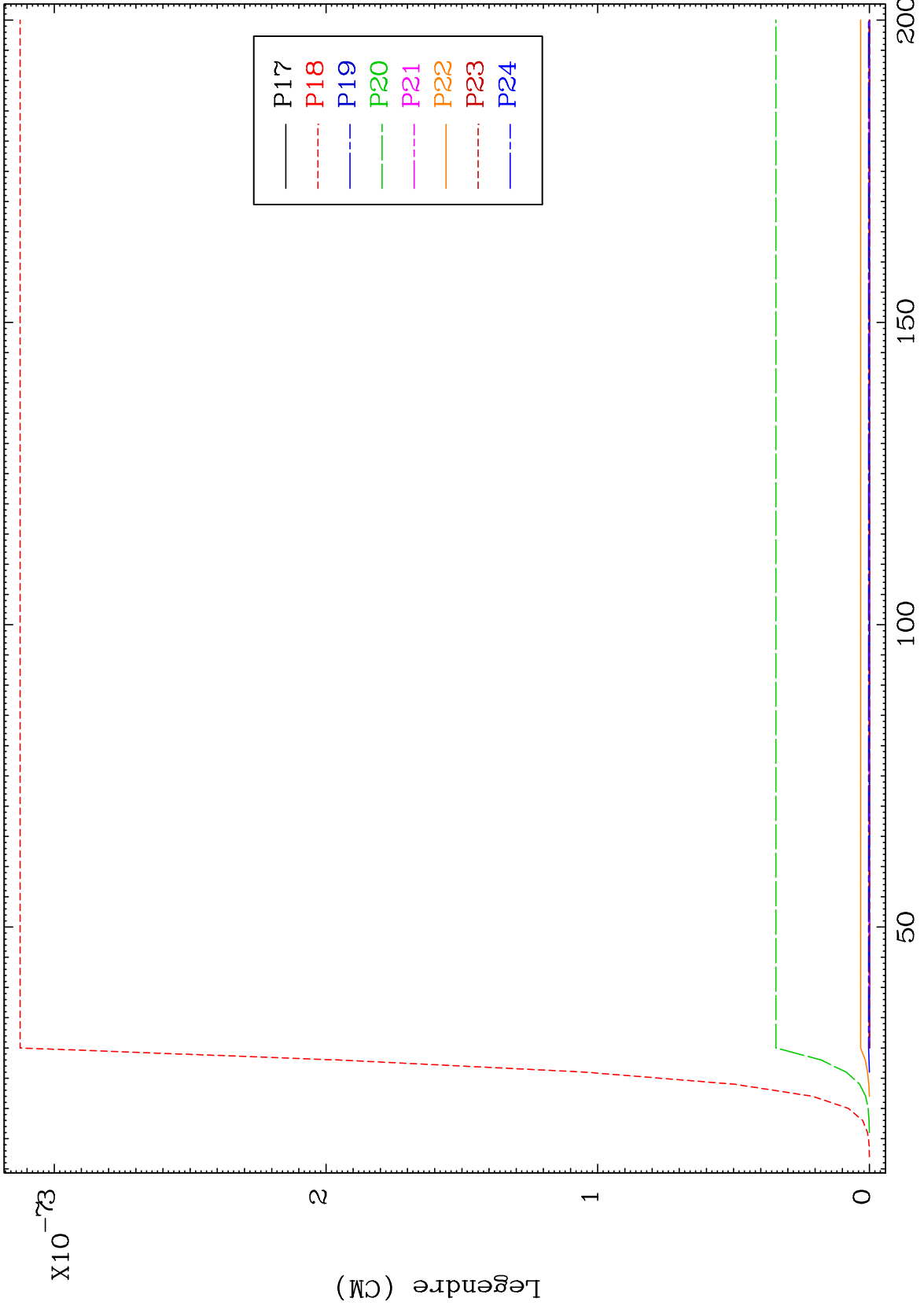
54 43-Tc-100

MAT 4328 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-100



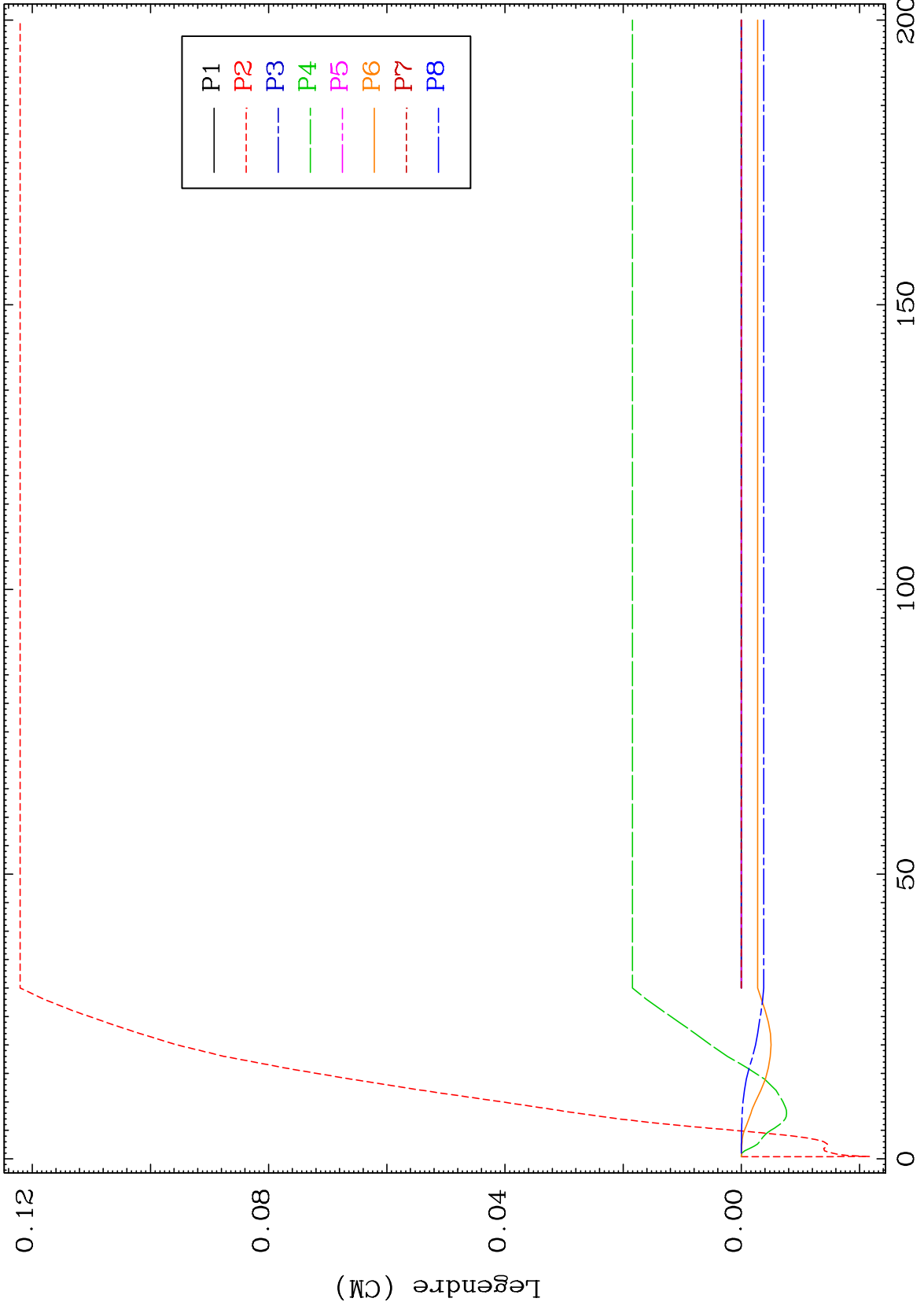
55 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-100



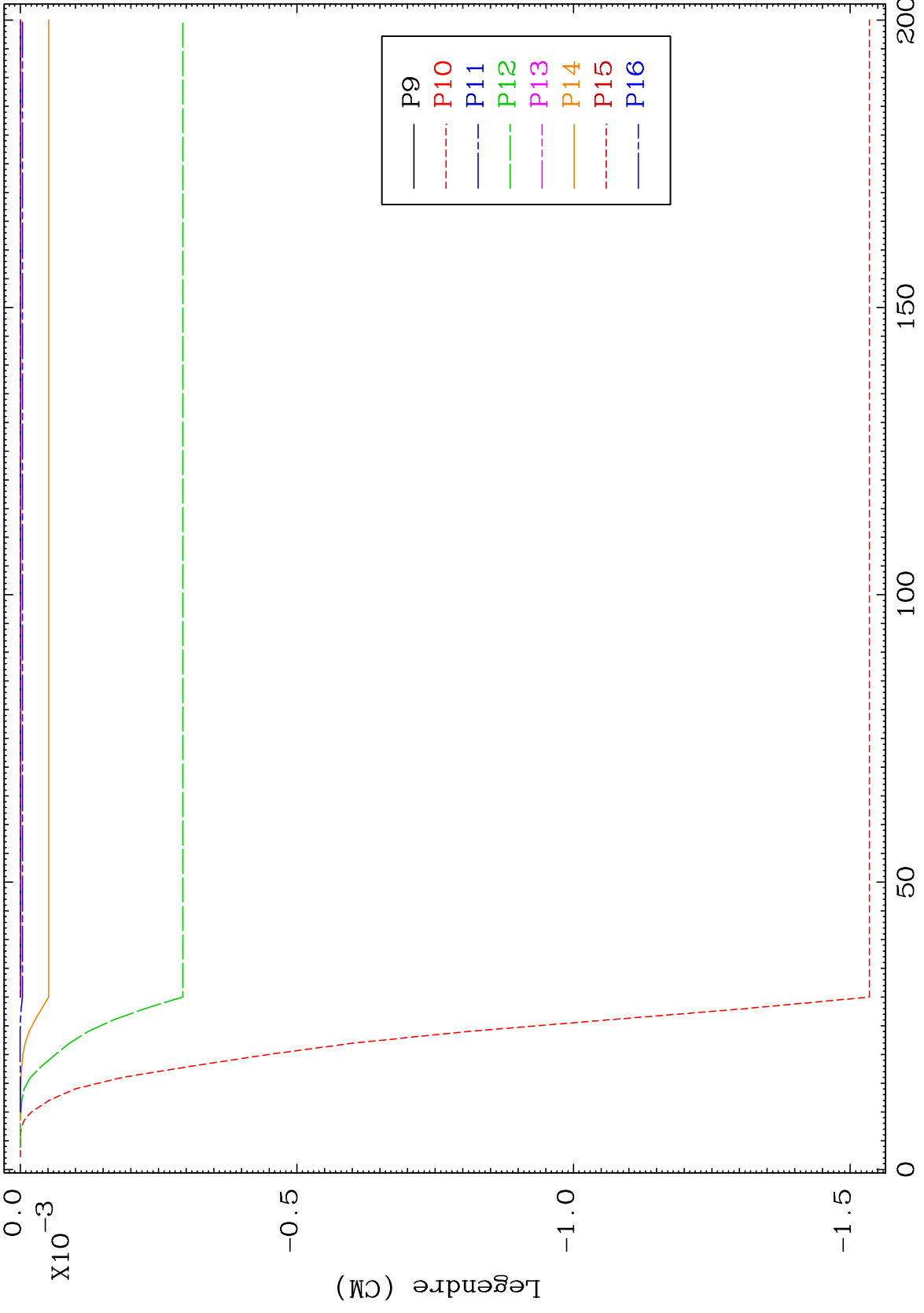
56 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-100



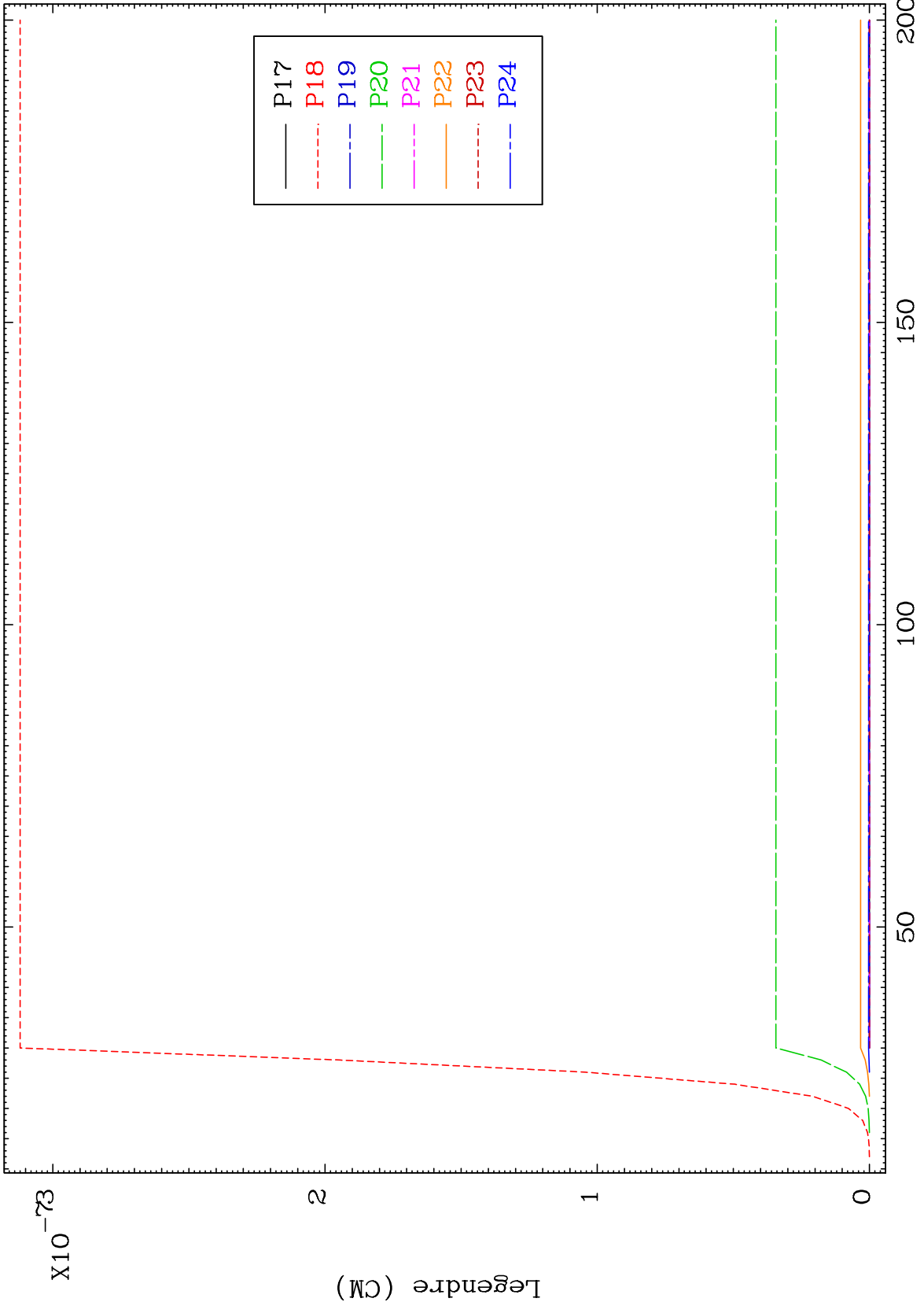
57 43-Tc-100

MAT 4328 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-100



58 43-Tc-100

MAT 4328 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-100

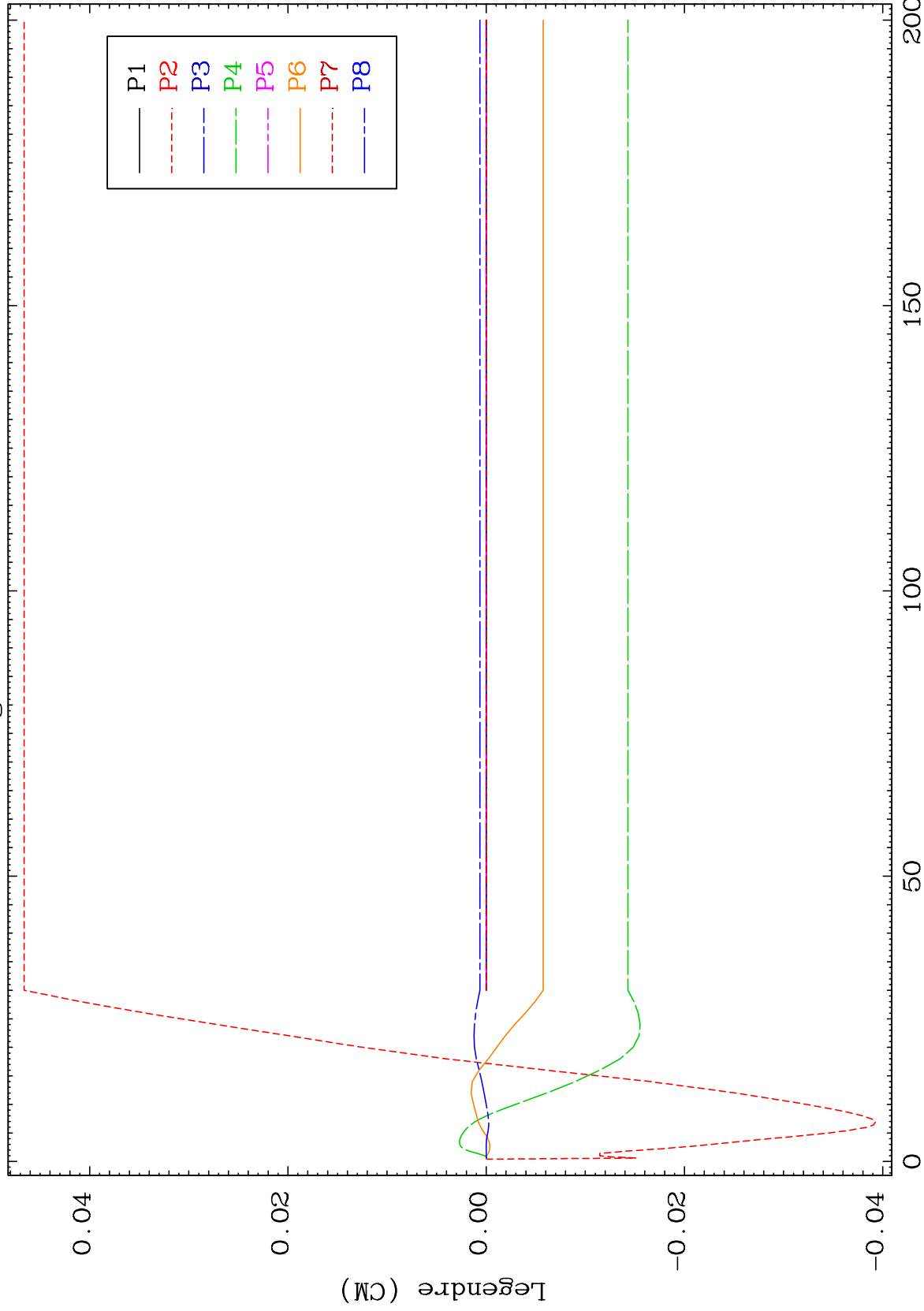


59 Incident Energy (MeV) 43-Tc-100

MAT 4328

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

43-Tc-100



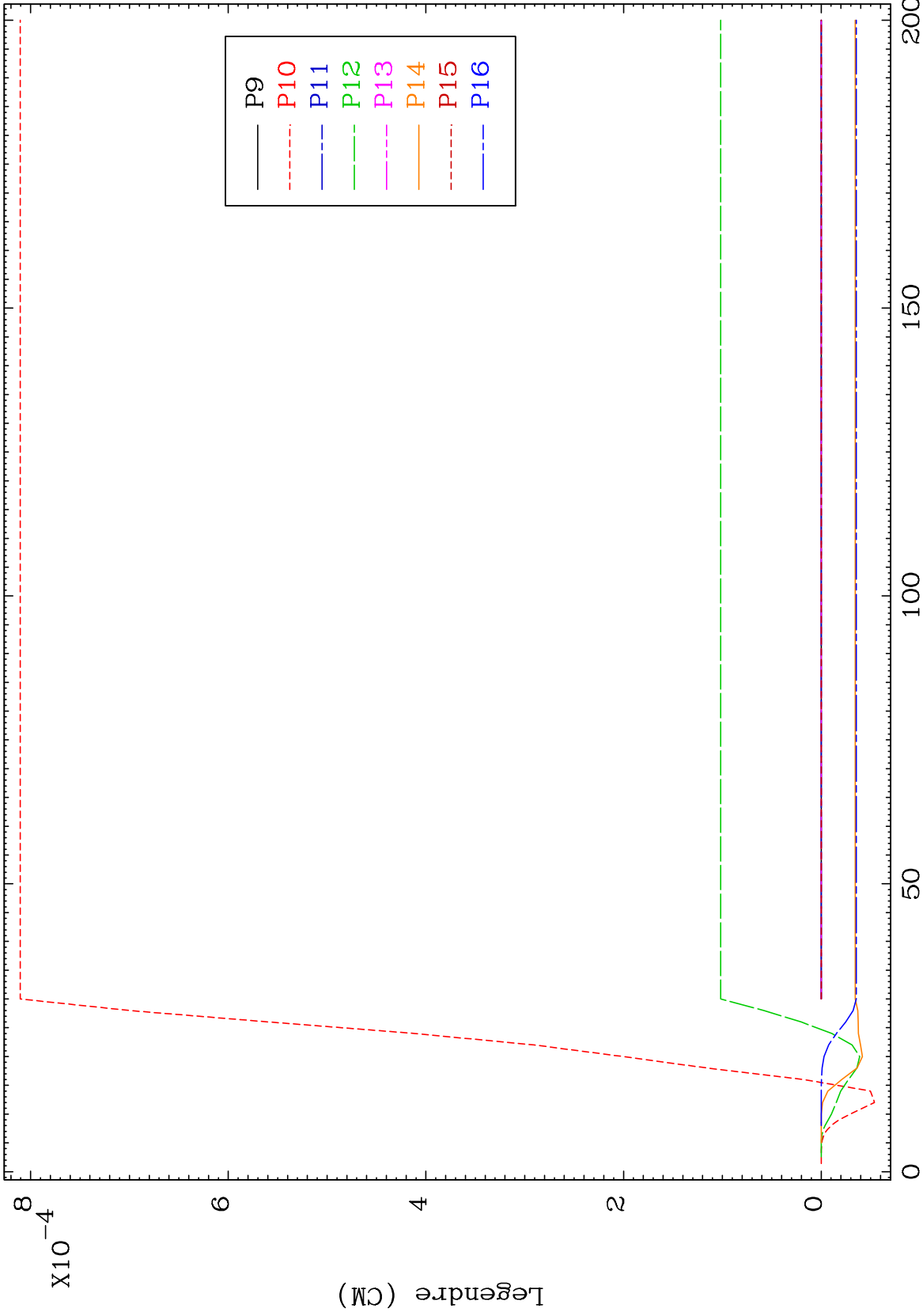
43-Tc-100

Incident Energy (MeV)

MAT 4328

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

43-Tc-100

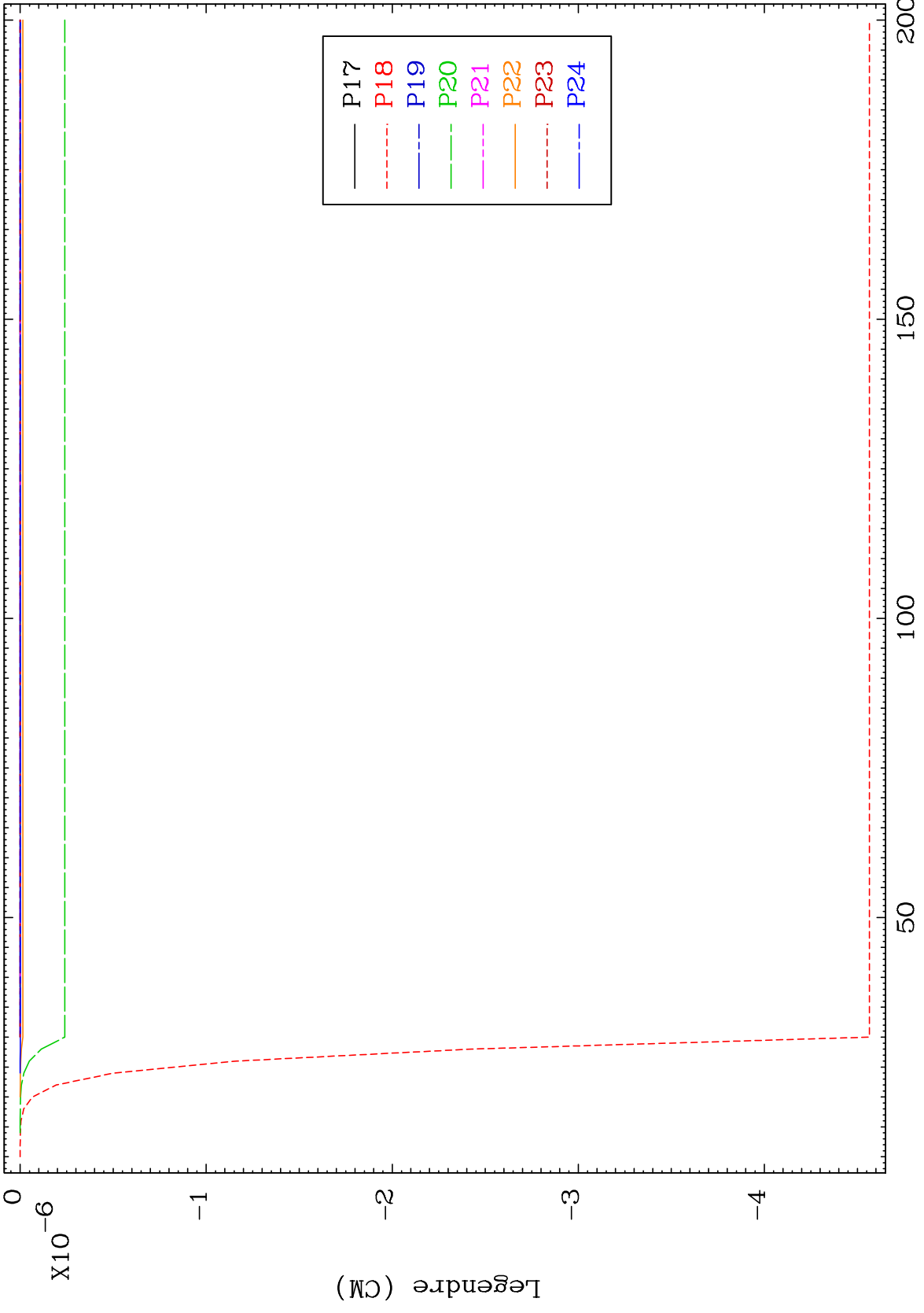


61

Incident Energy (MeV)

43-Tc-100

MAT 4328 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-100

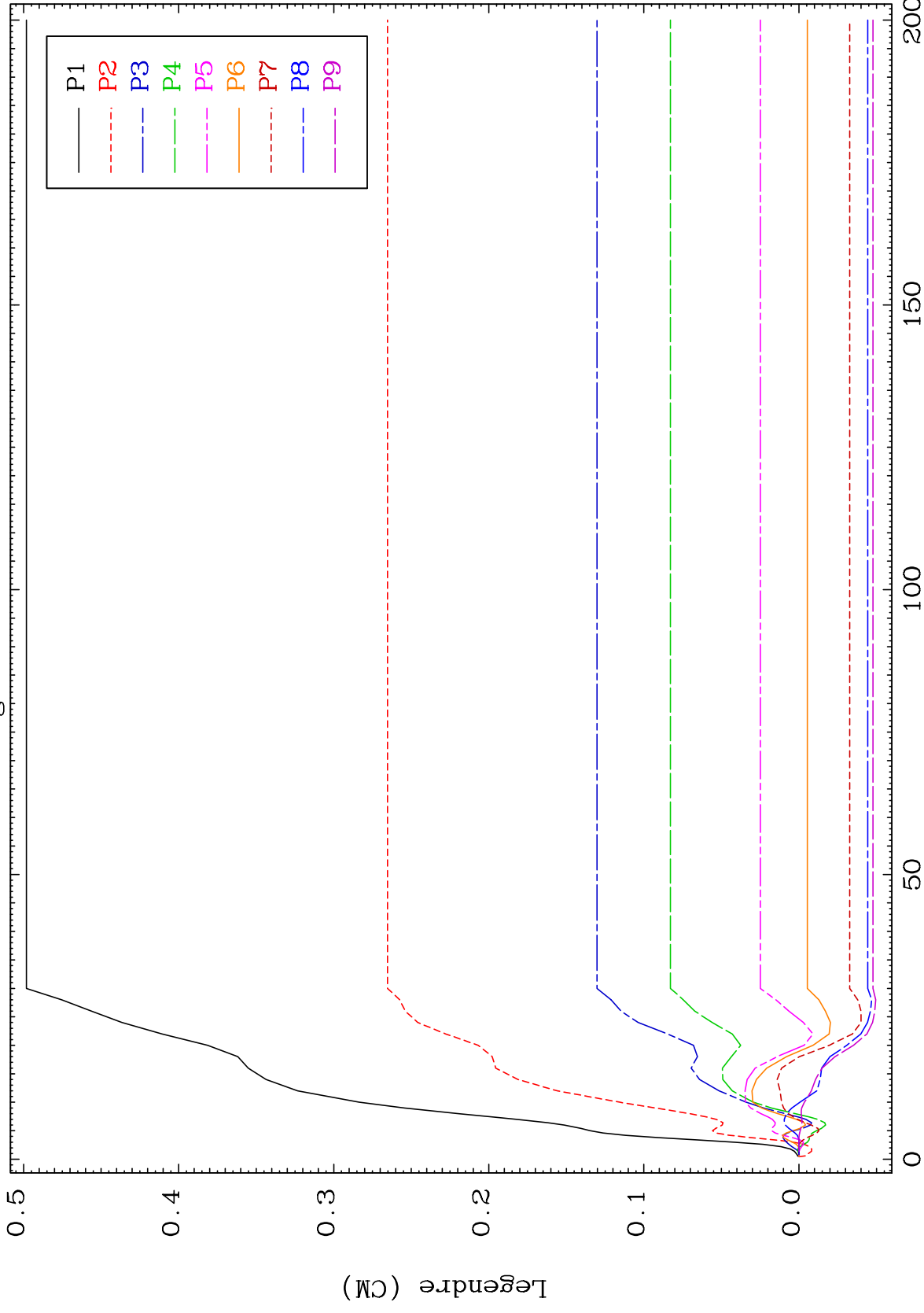


62 43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

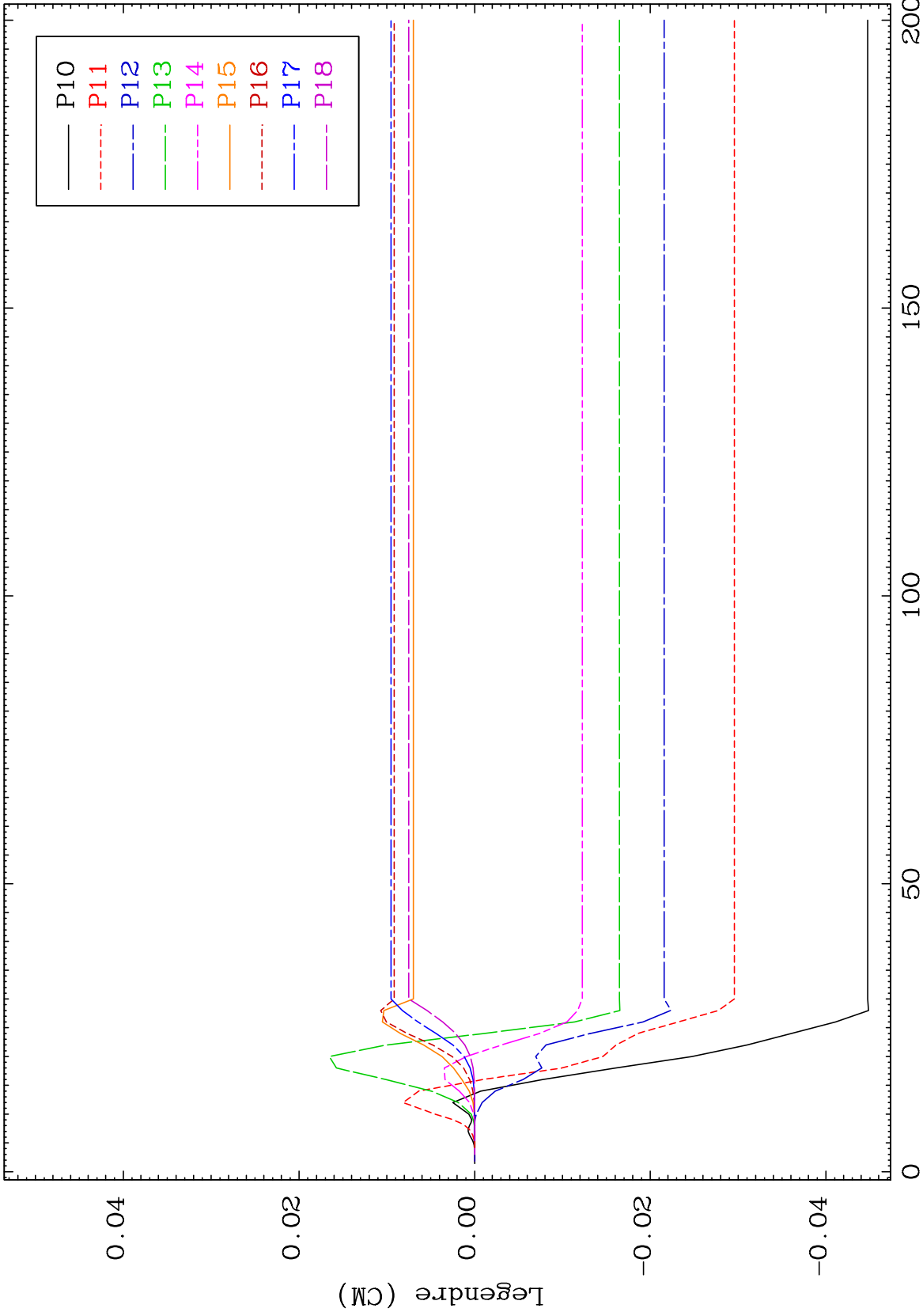
Incident Energy (MeV)

63

MAT 4328

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

43-Tc-100



64

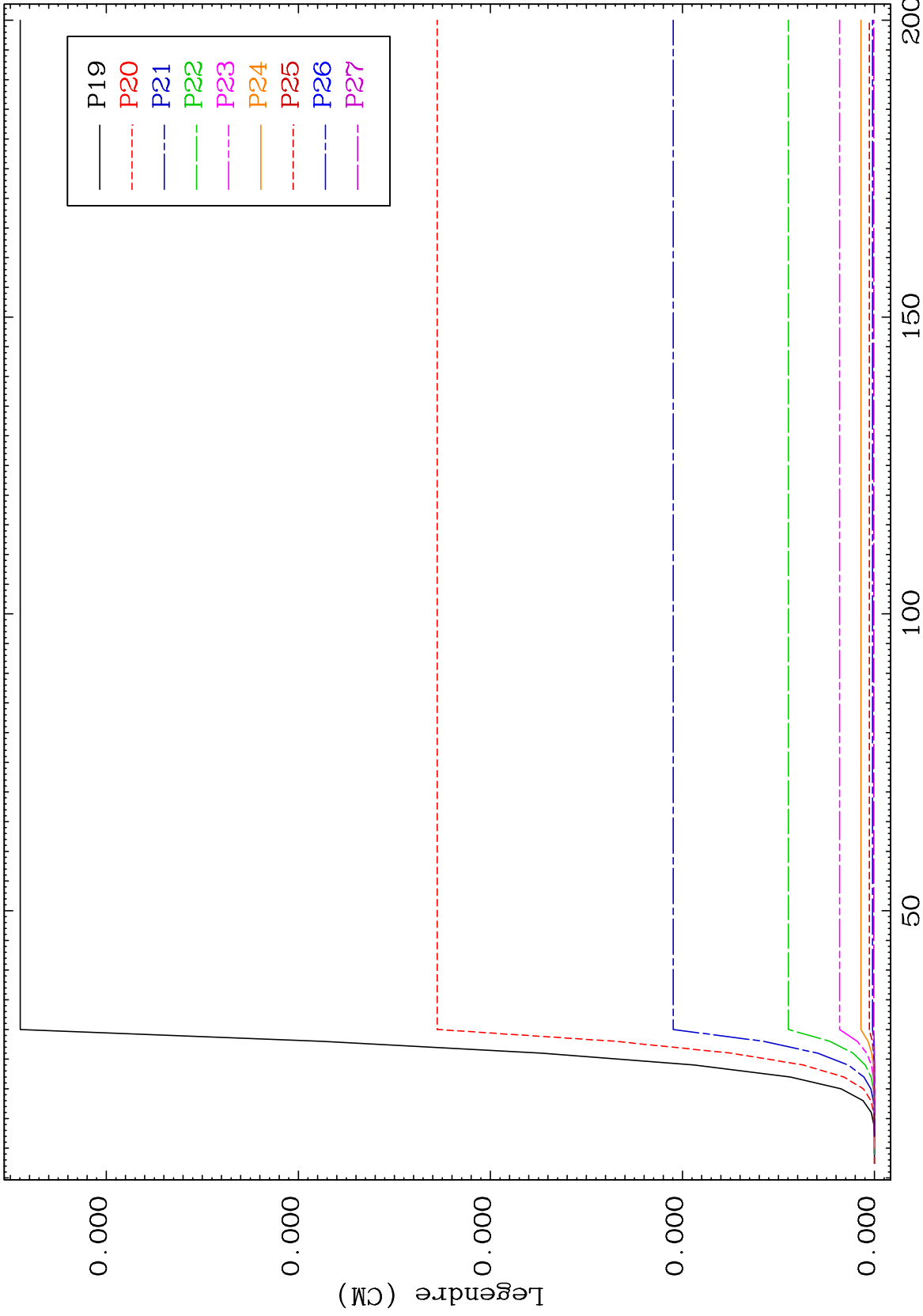
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



65

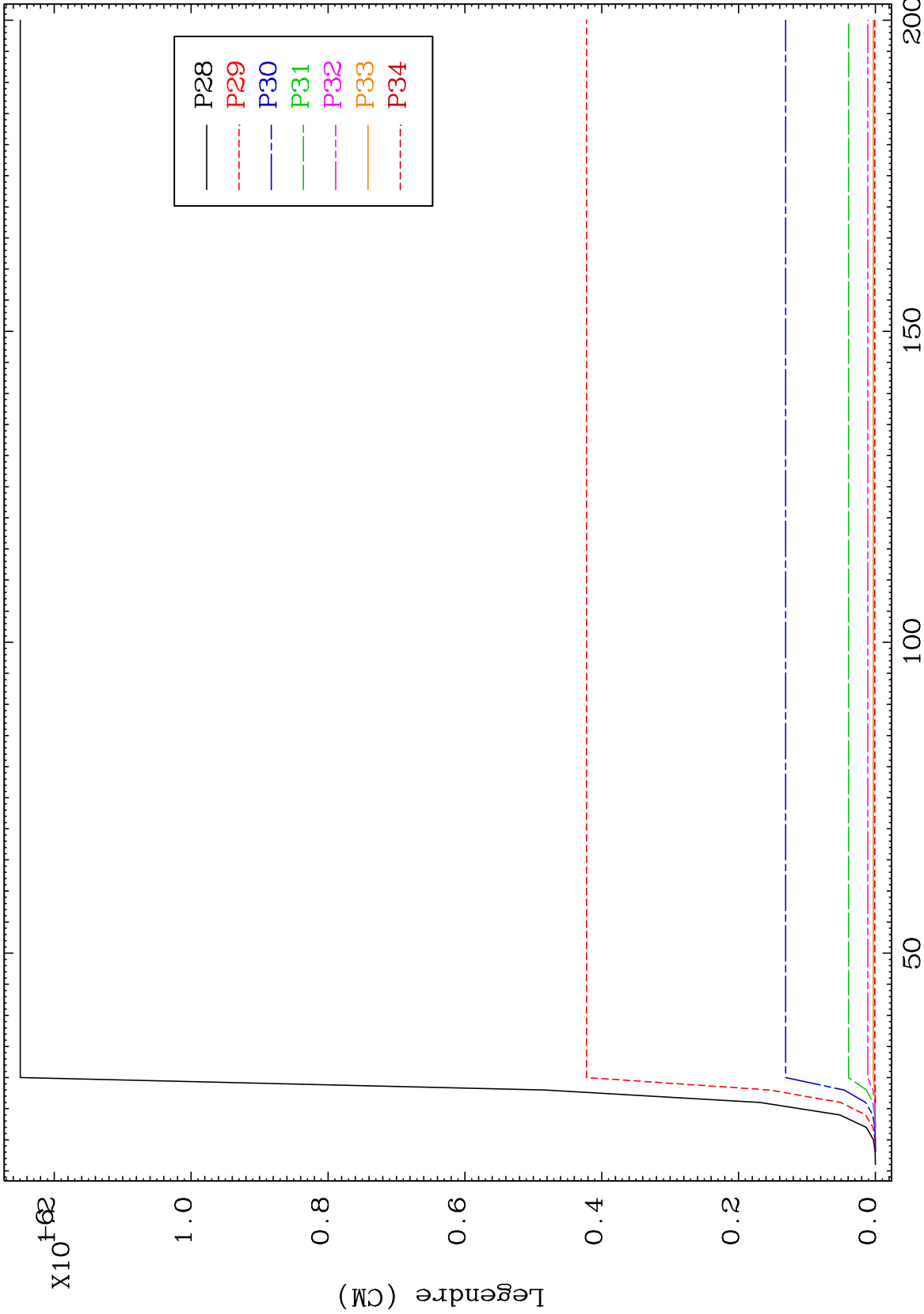
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



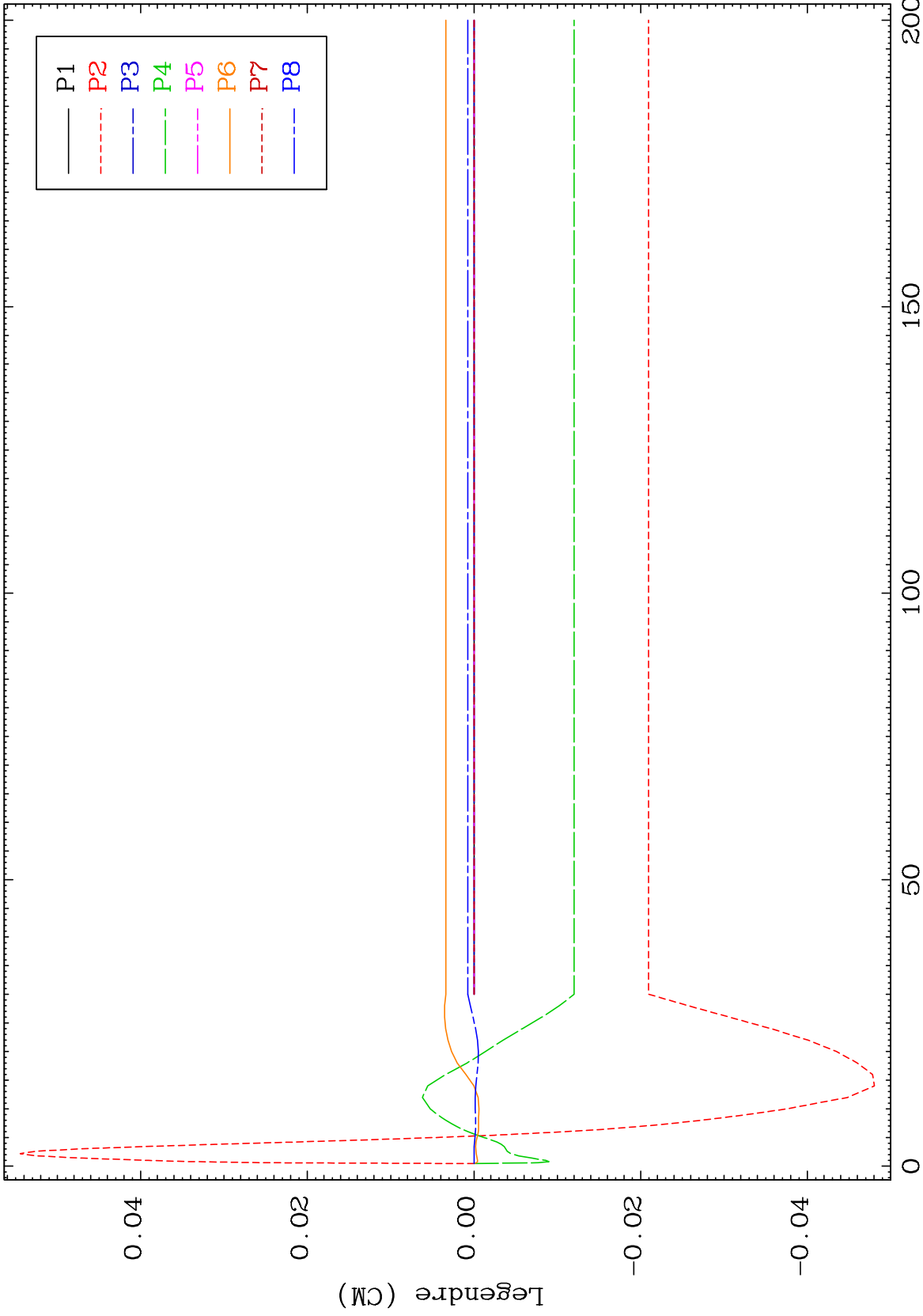
66

43-Tc-100

MAT 4328

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

43-Tc-100



67

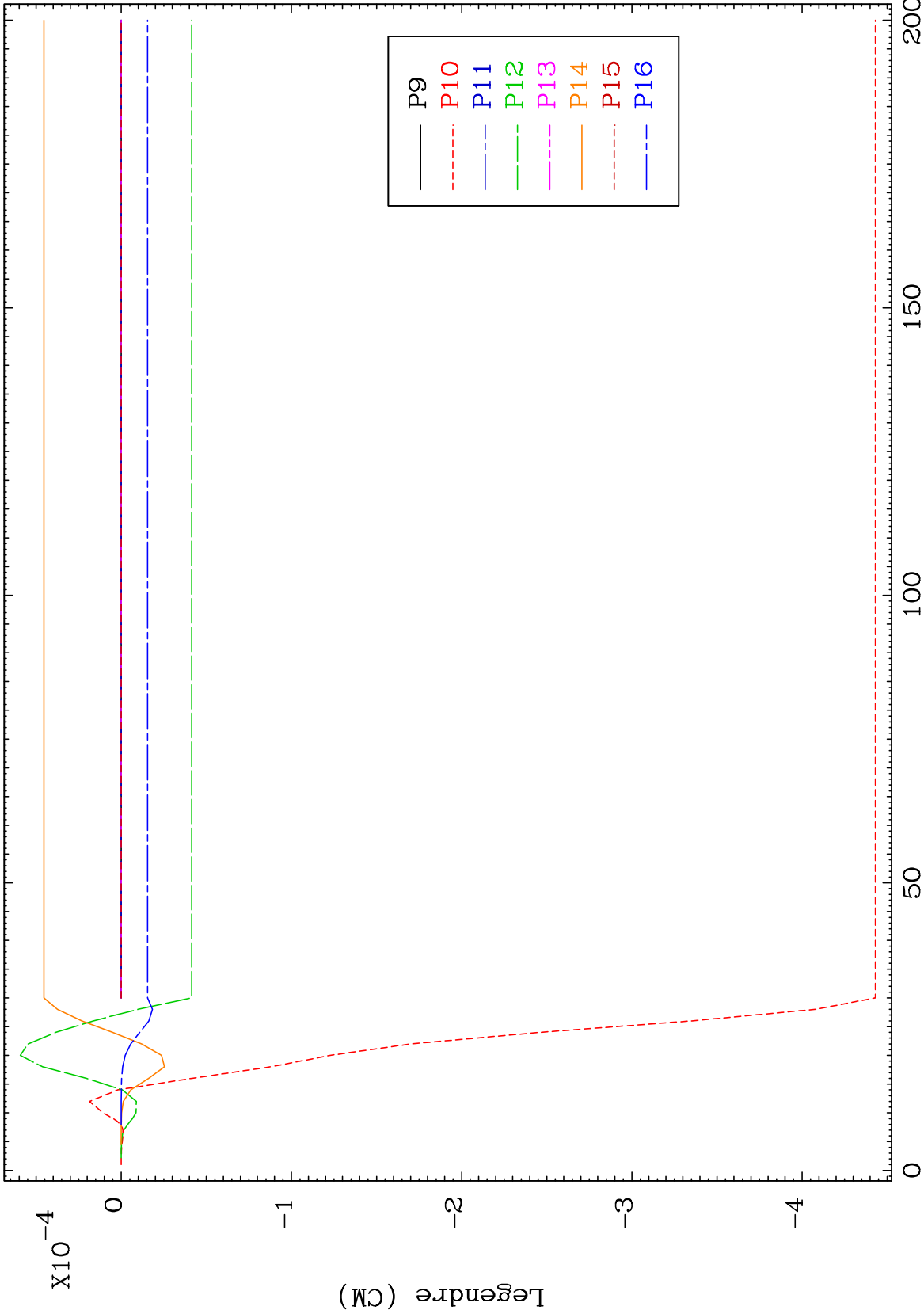
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

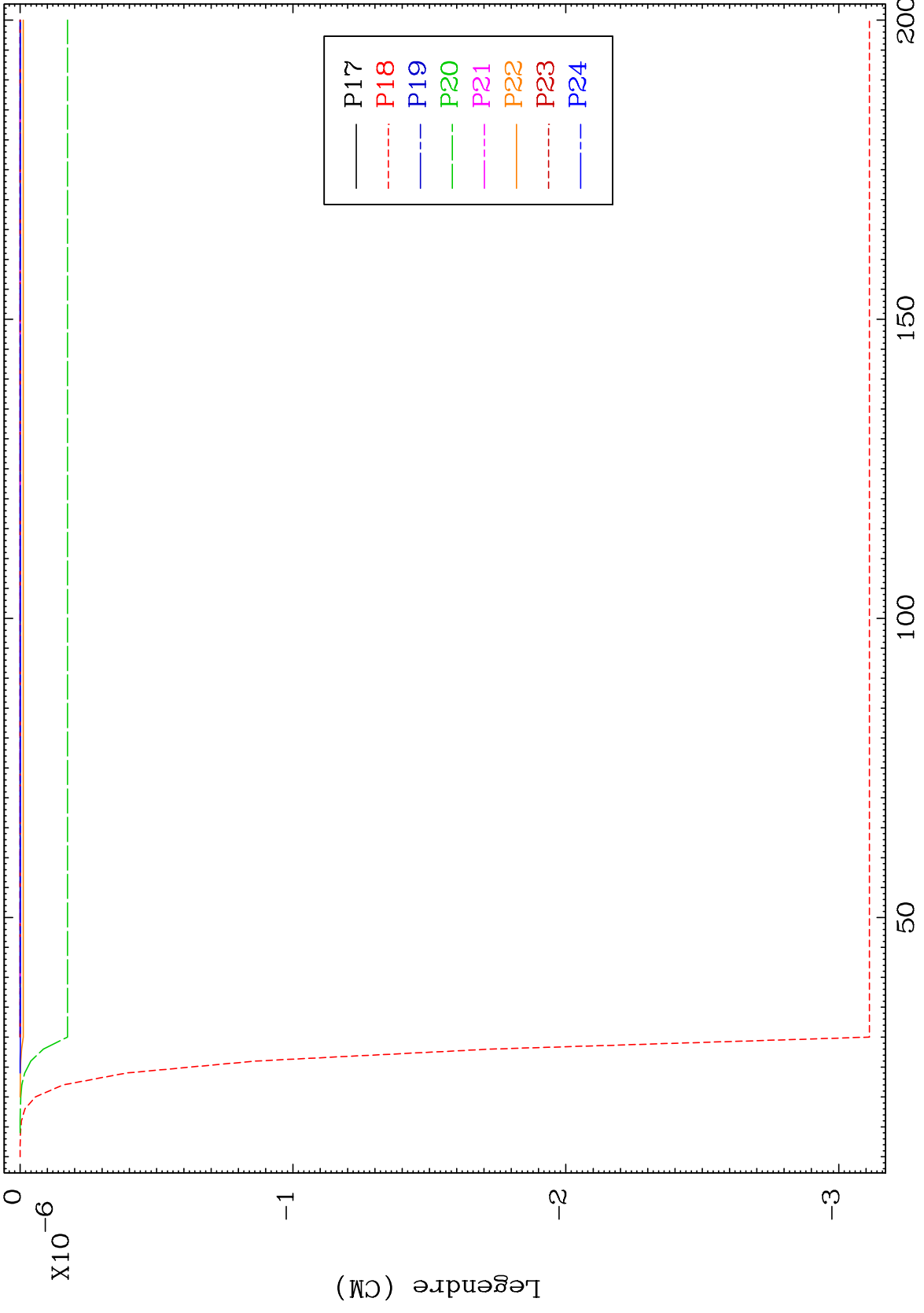


68

Incident Energy (MeV)

43-Tc-100

MAT 4328 MT= 65 (n,n') Level Legendre Coefficients 43-Tc-100

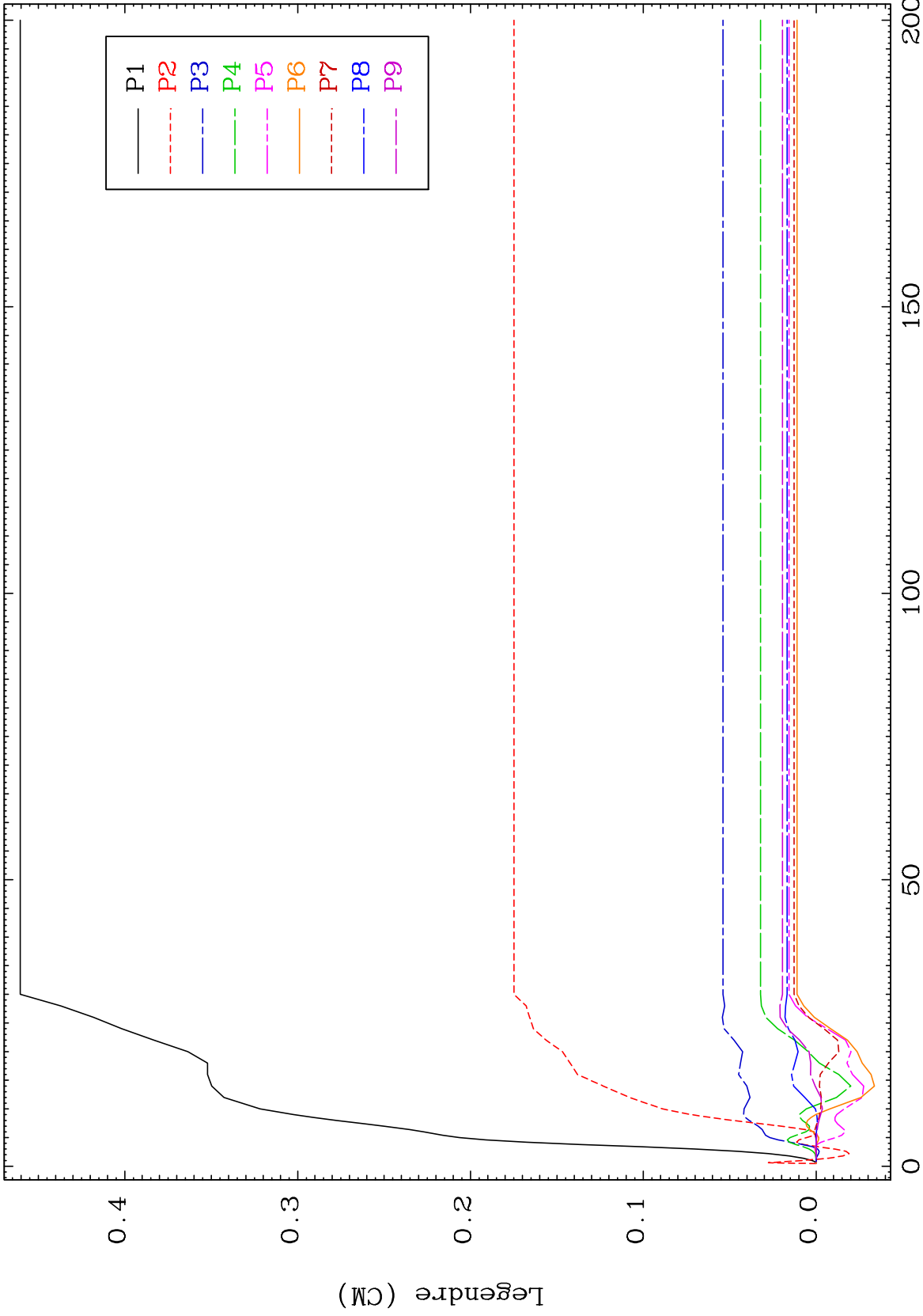


69 43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

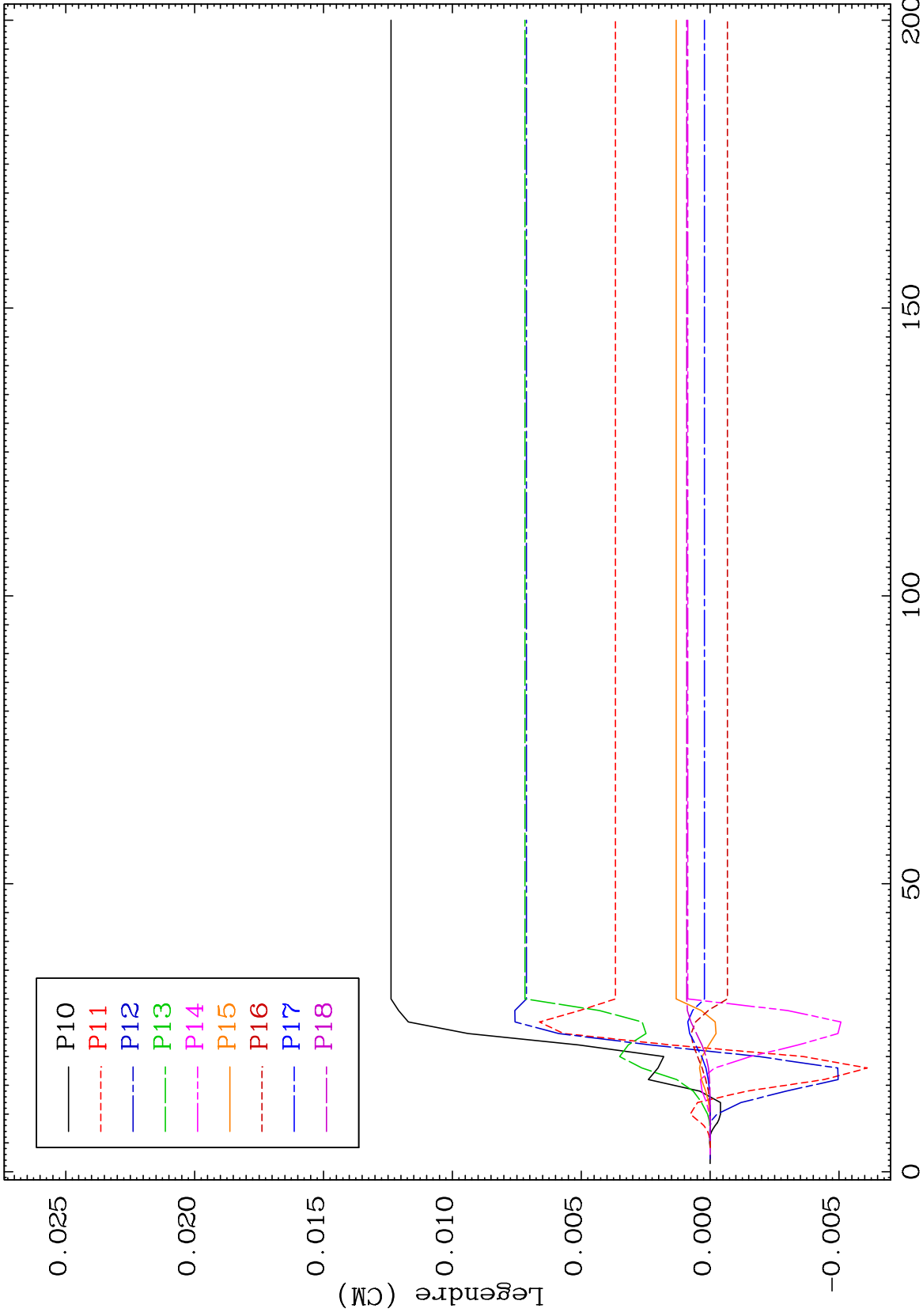
Incident Energy (MeV)

70

MAT 4328

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

43-Tc-100



71

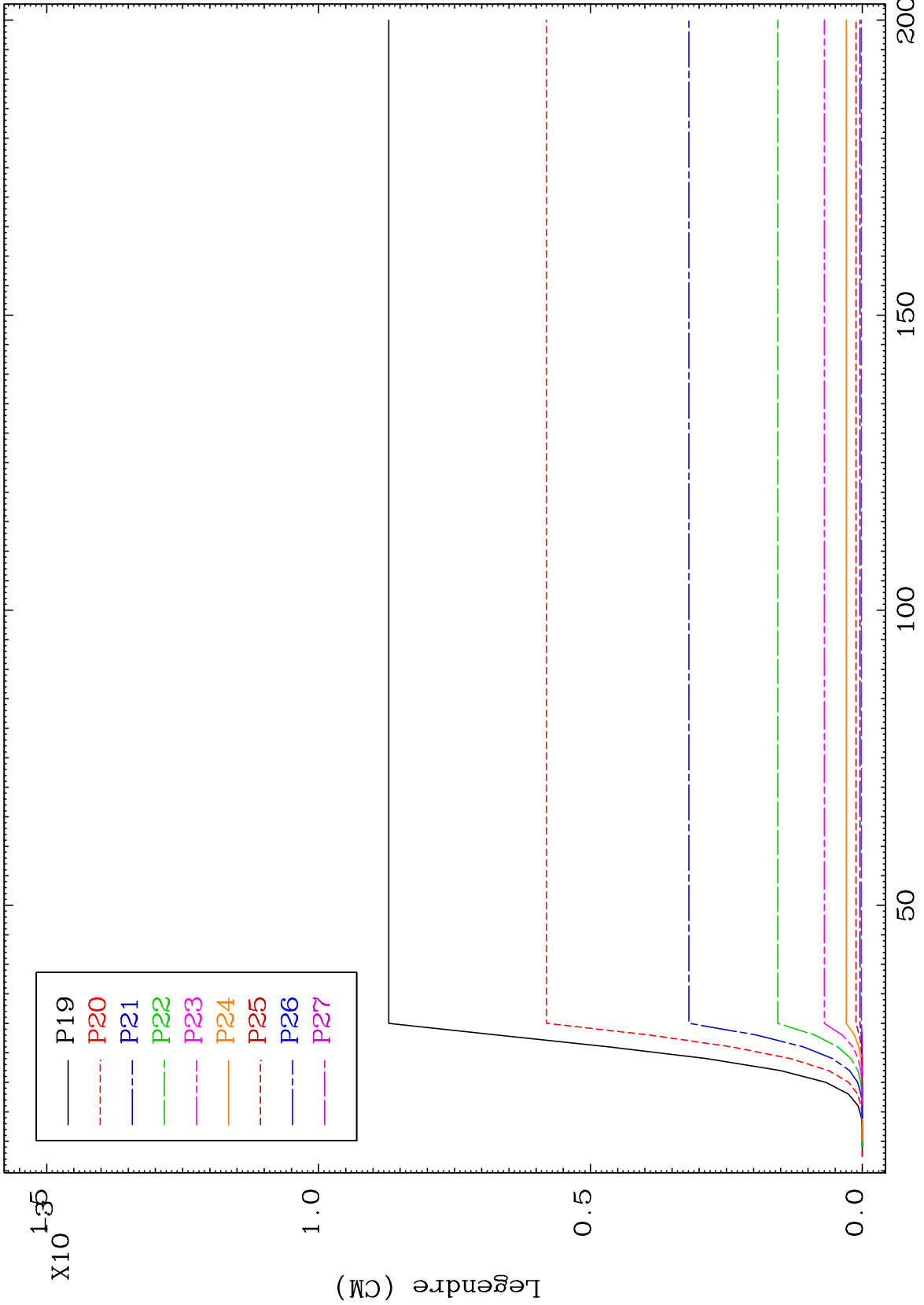
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



72

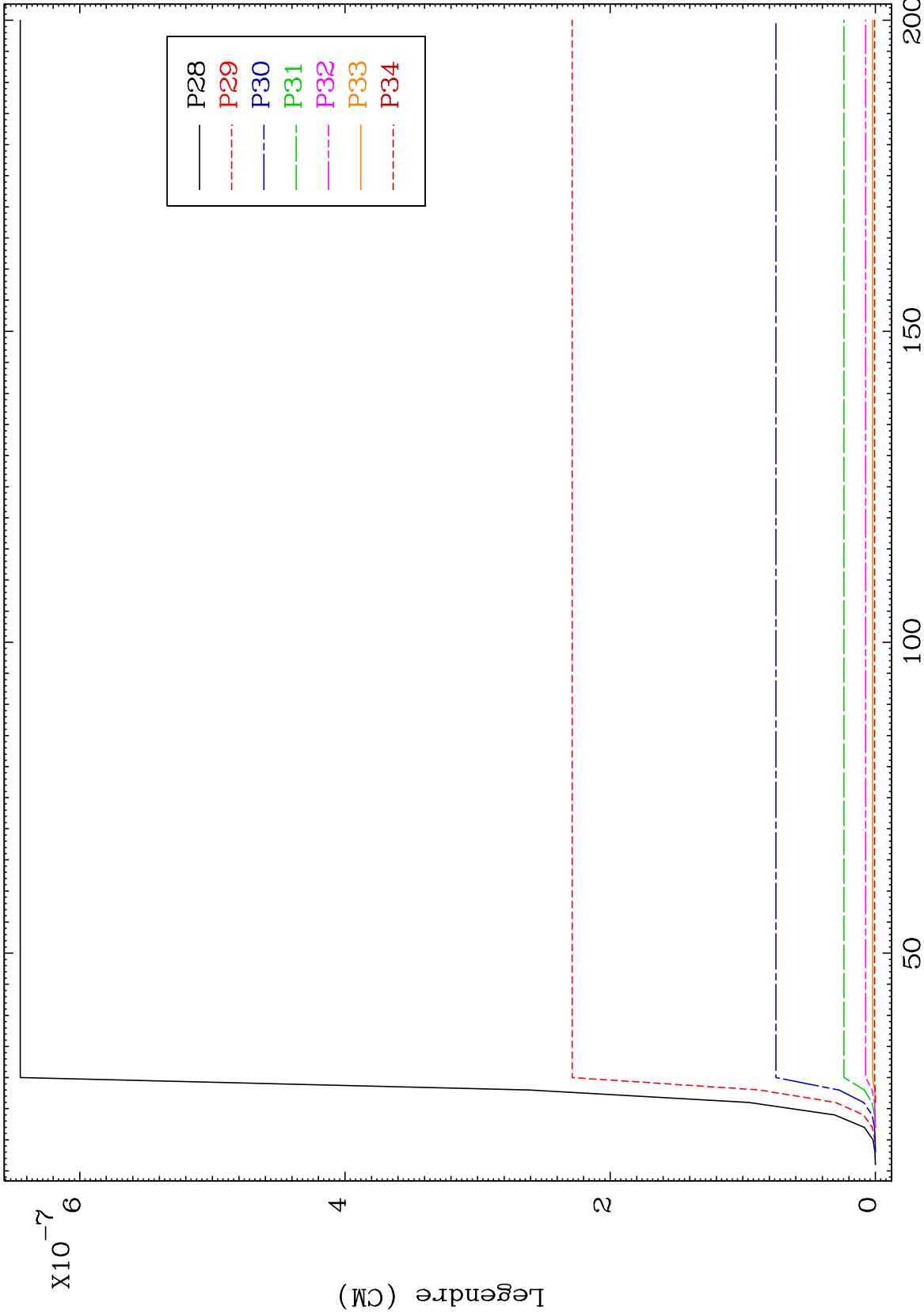
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

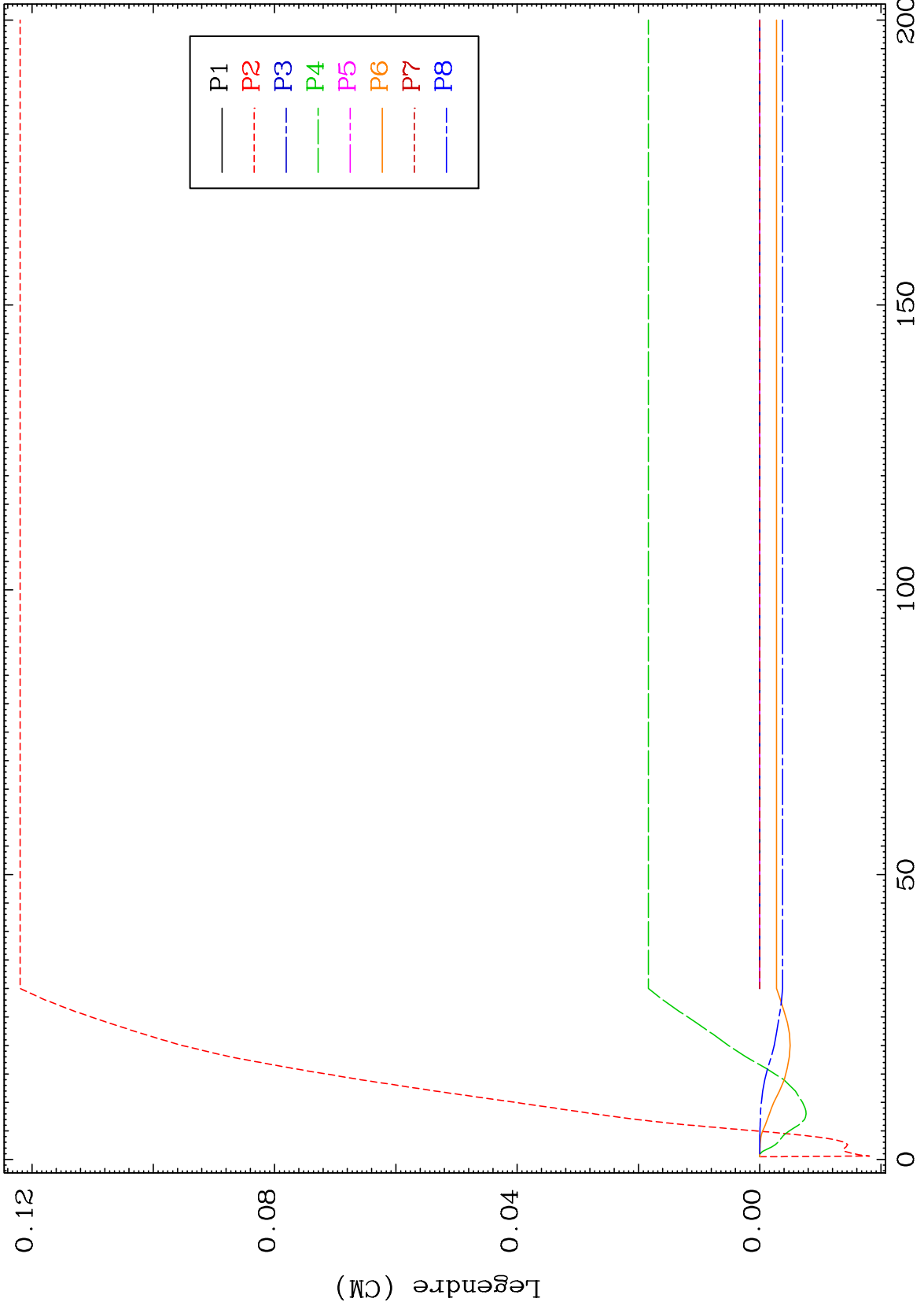


73

Incident Energy (MeV)

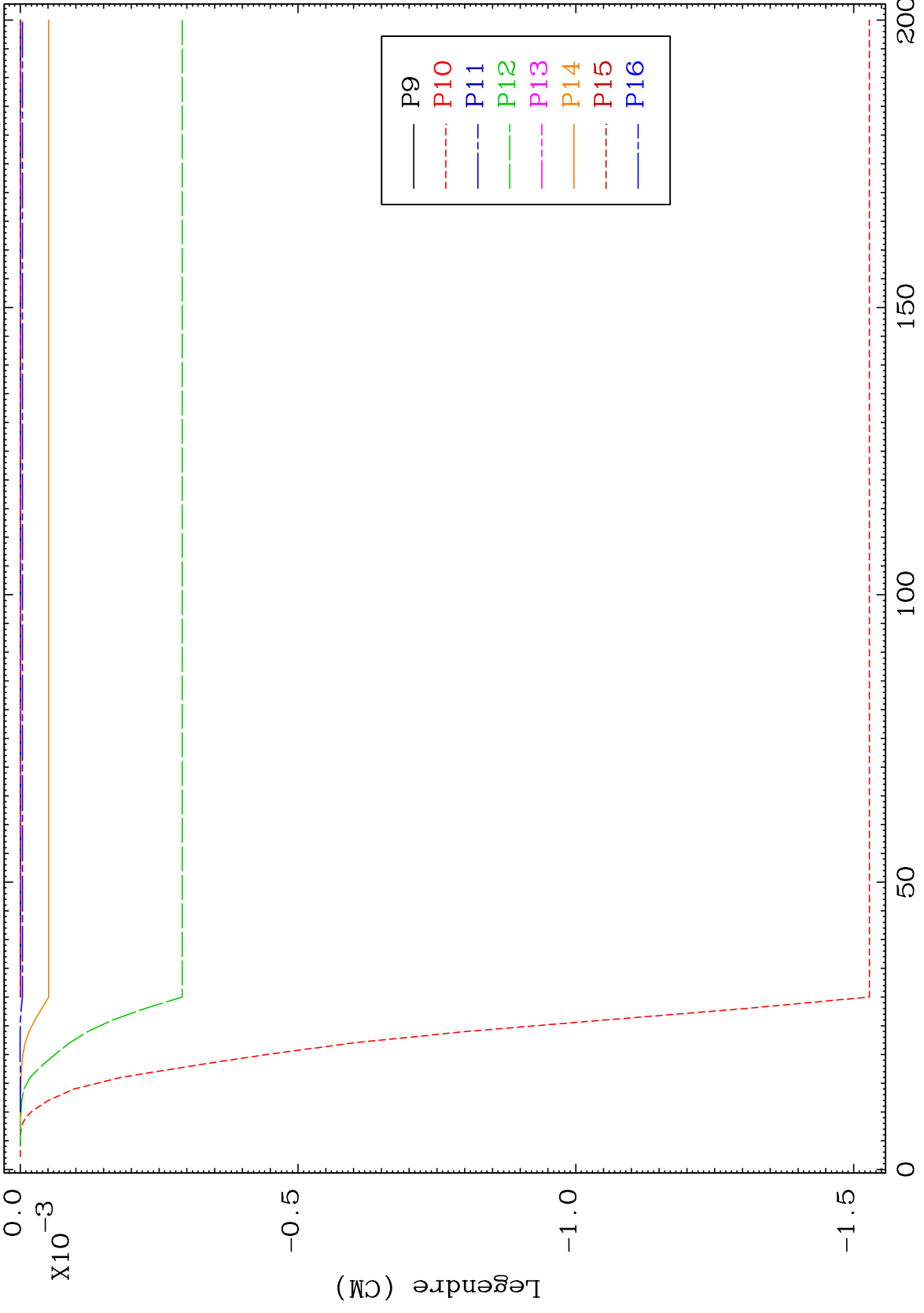
43-Tc-100

MAT 4328 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-100



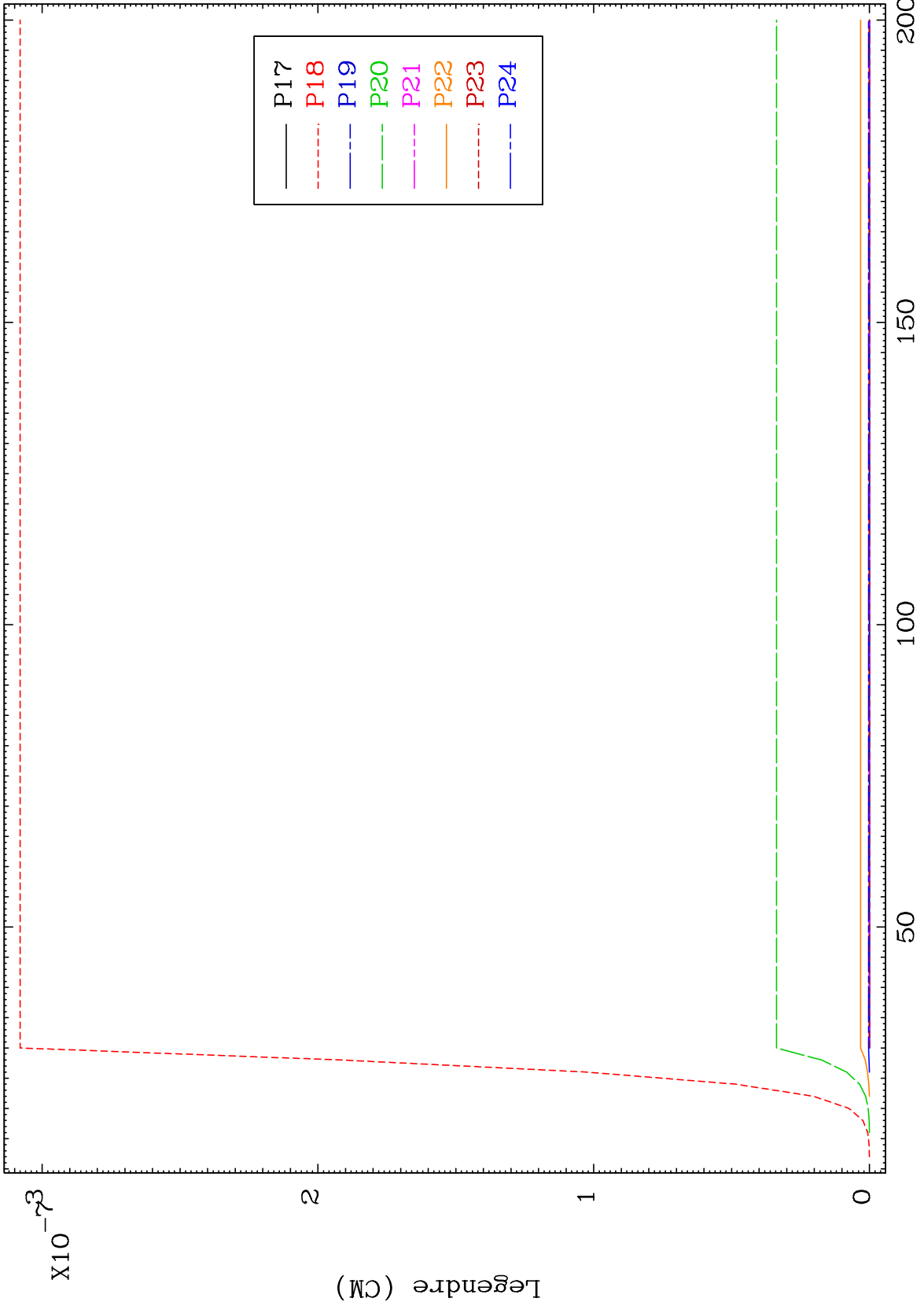
74 43-Tc-100

MAT 4328 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-100



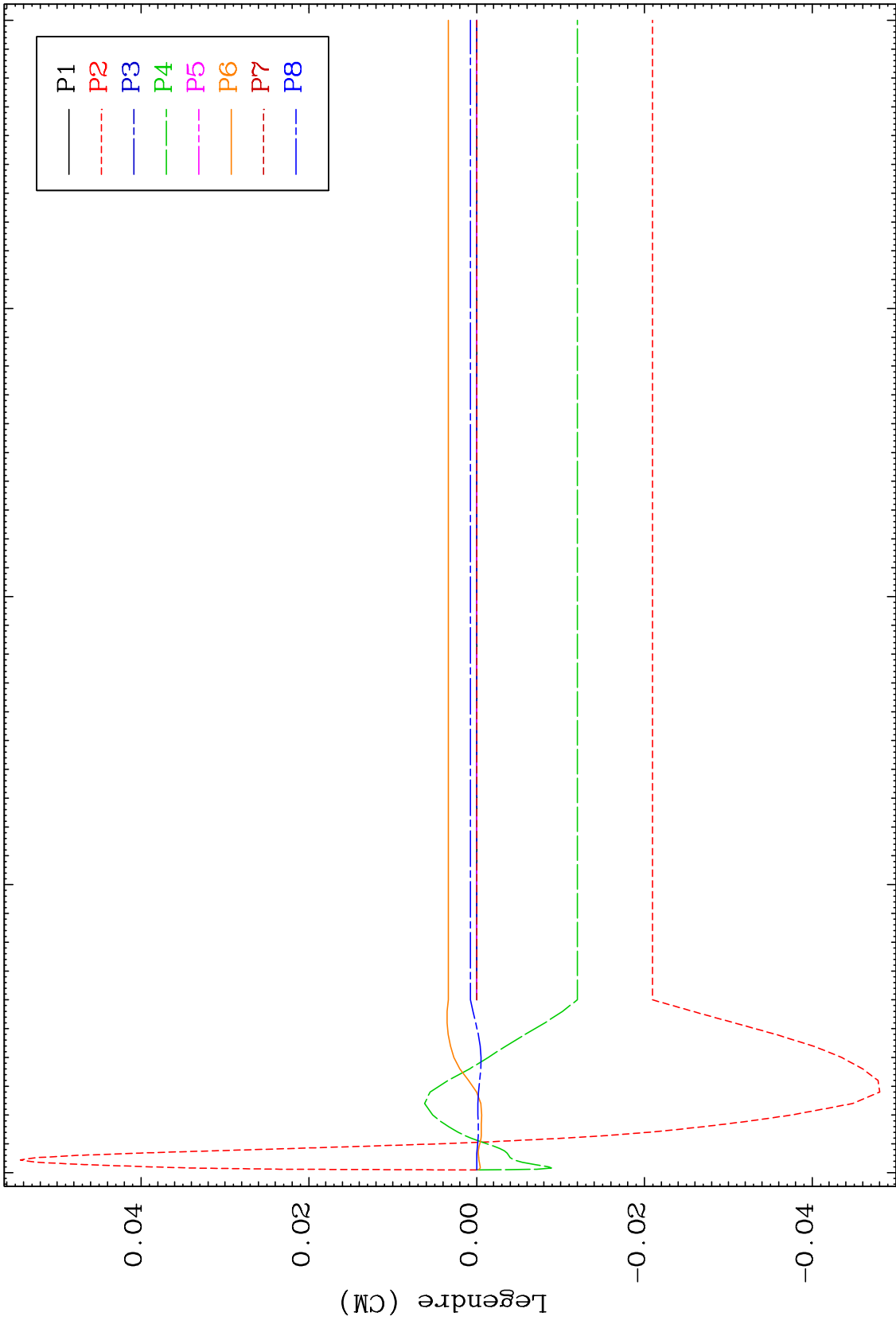
75 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-100



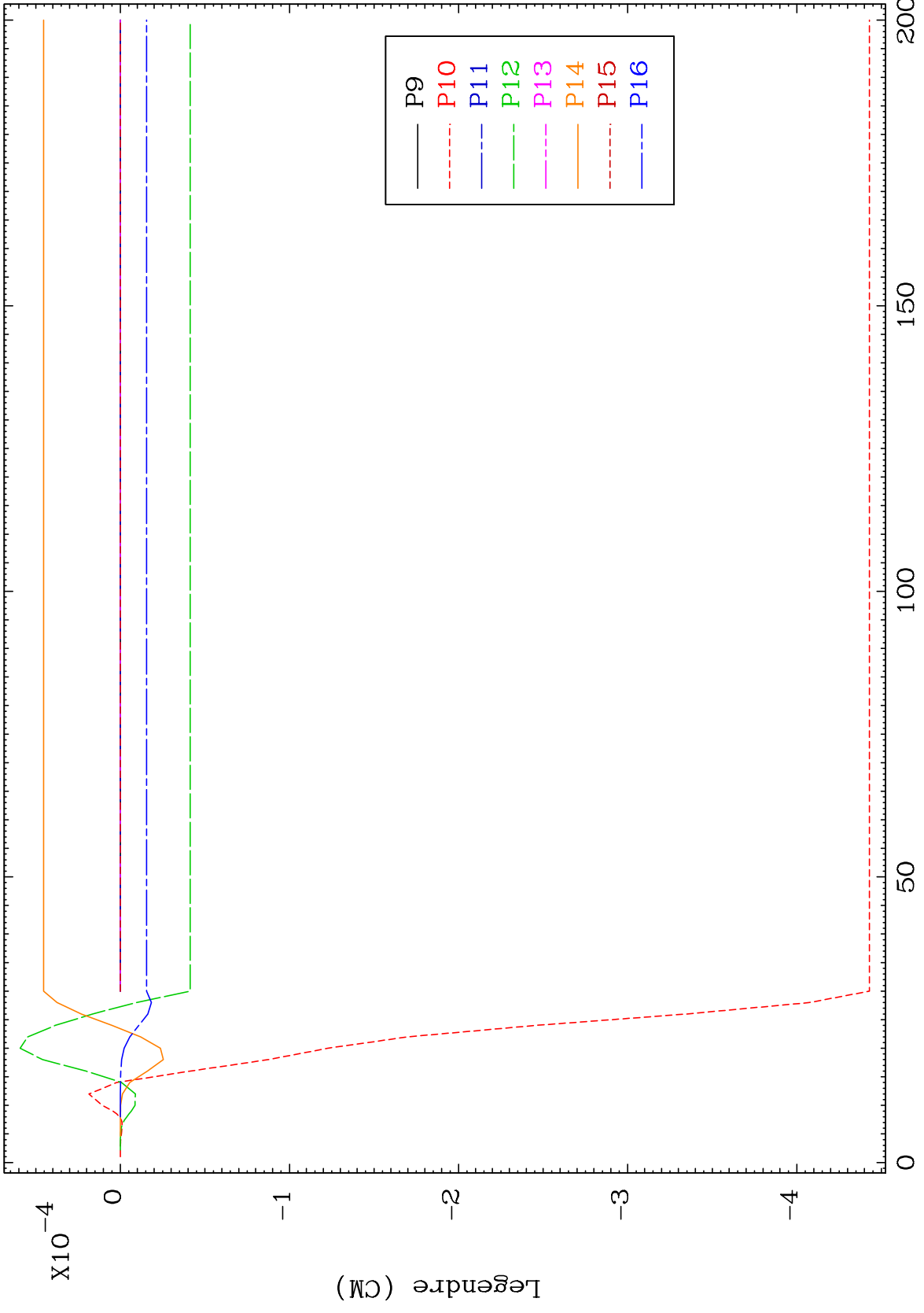
76 43-Tc-100

MAT 4328 MT= 68 (n,n') Level Legendre Coefficients 43-Tc-100



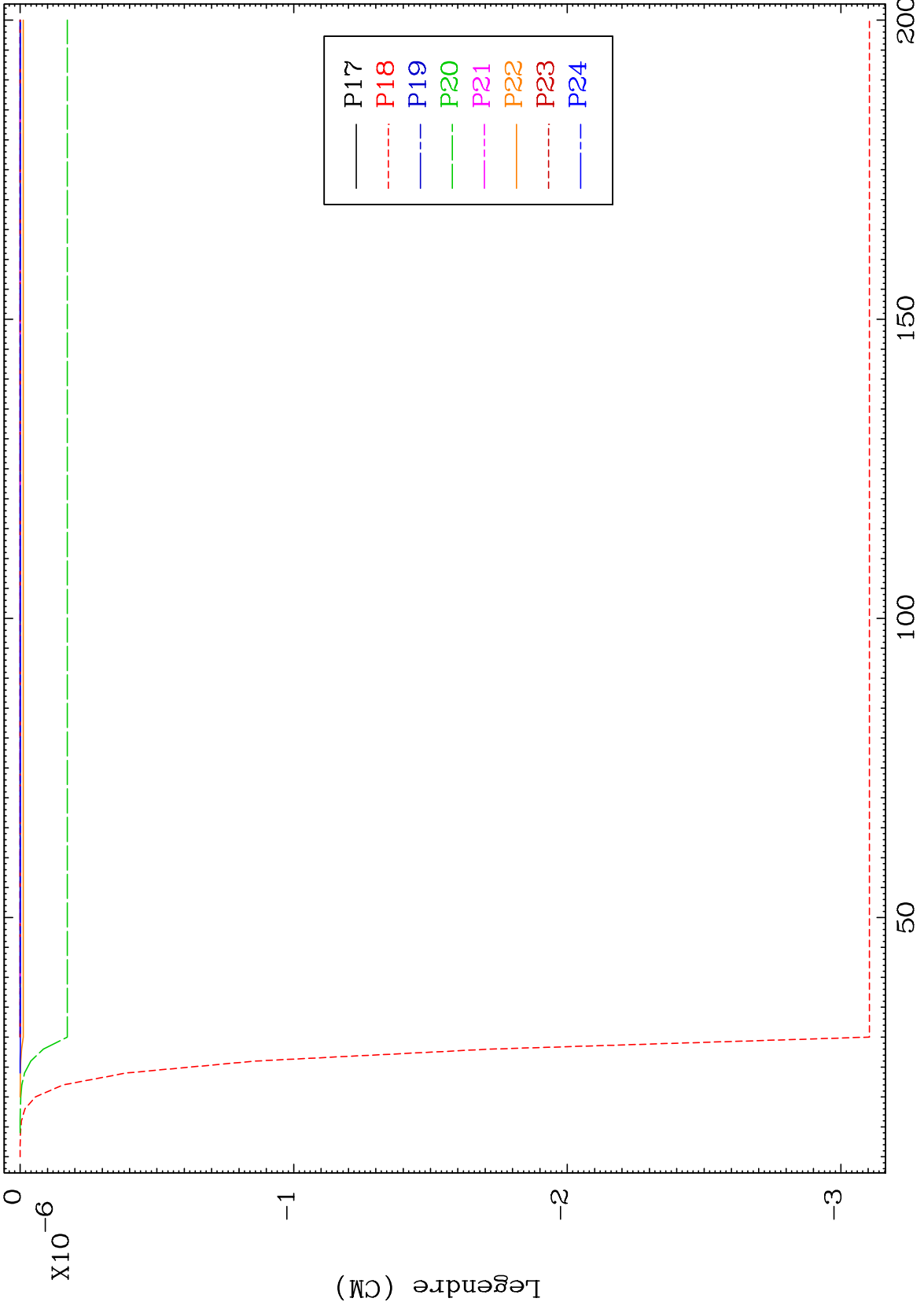
77 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 68 (n,n') Level Legendre Coefficients 43-Tc-100



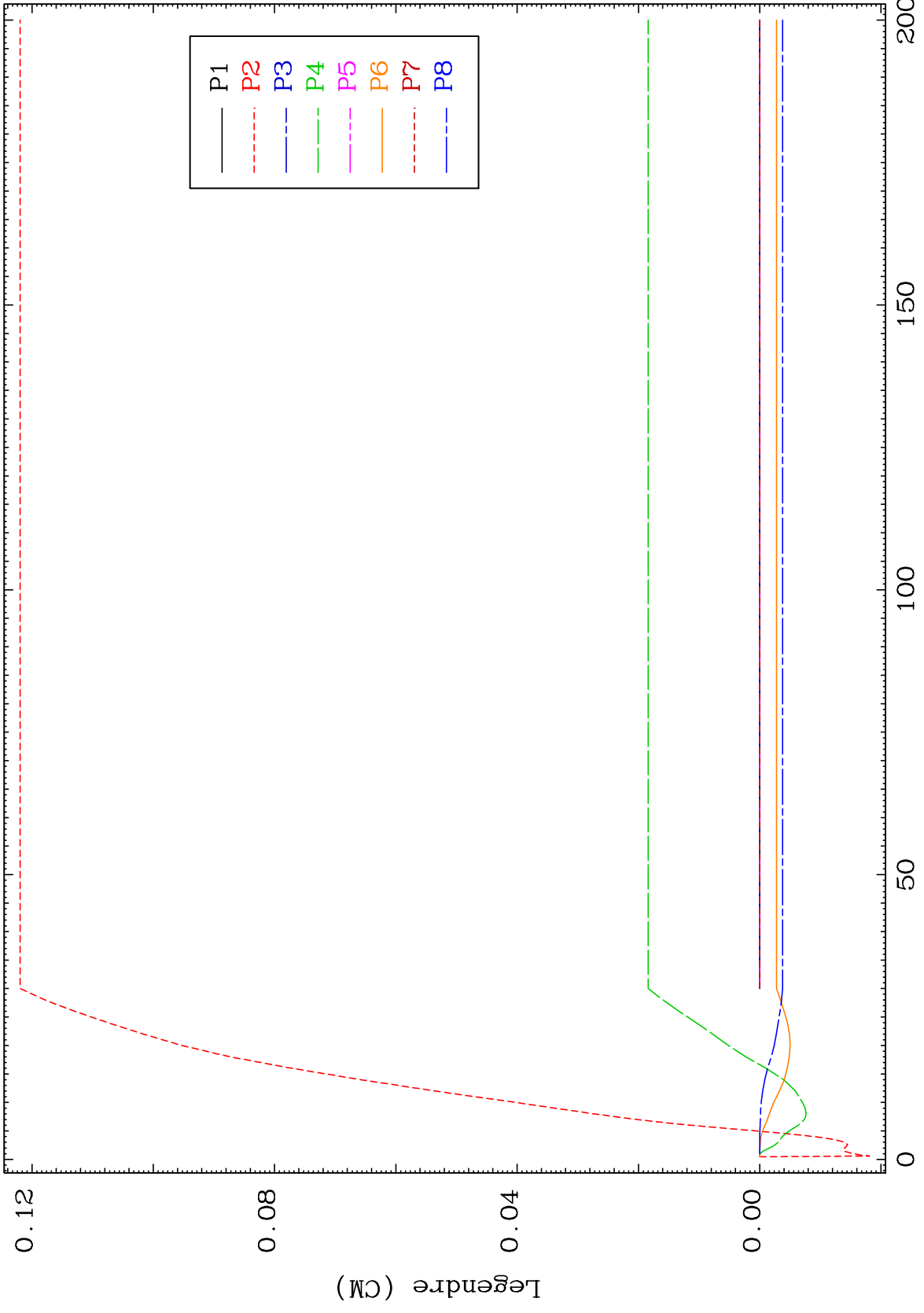
78 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 68 (n,n') Level Legendre Coefficients 43-Tc-100



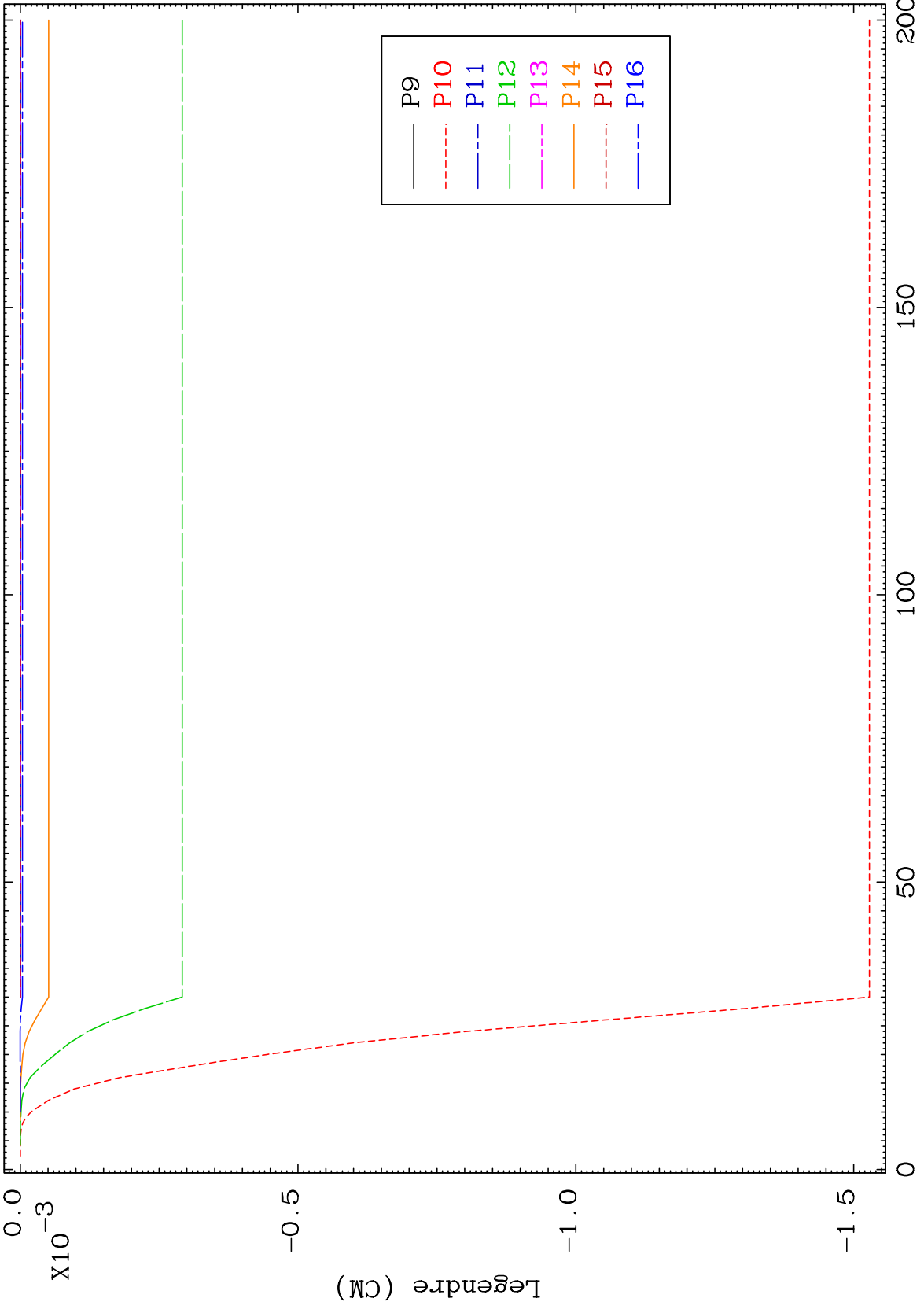
79 43-Tc-100

MAT 4328 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-100



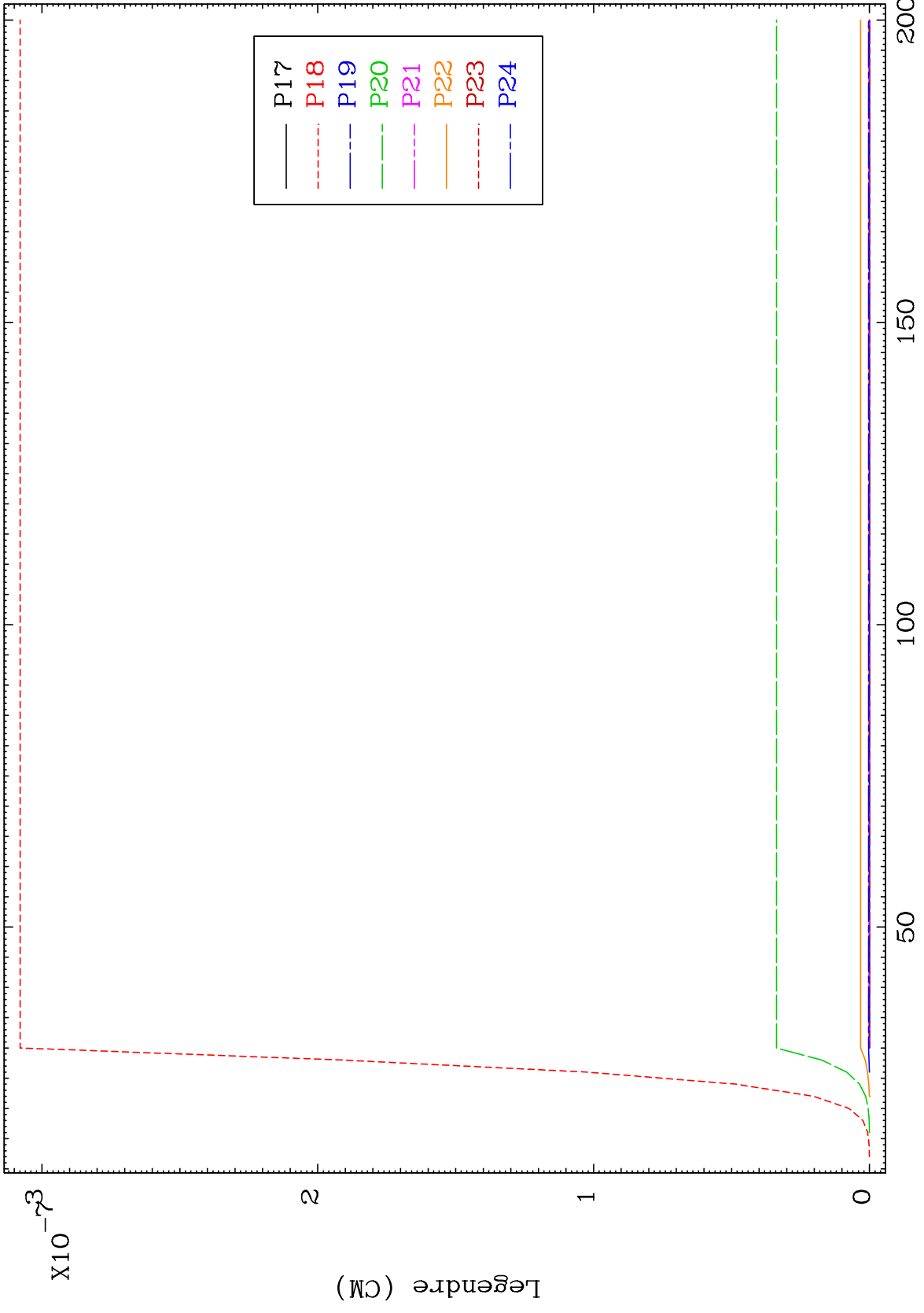
43-Tc-100

MAT 4328 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-100



81 43-Tc-100

MAT 4328 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-100

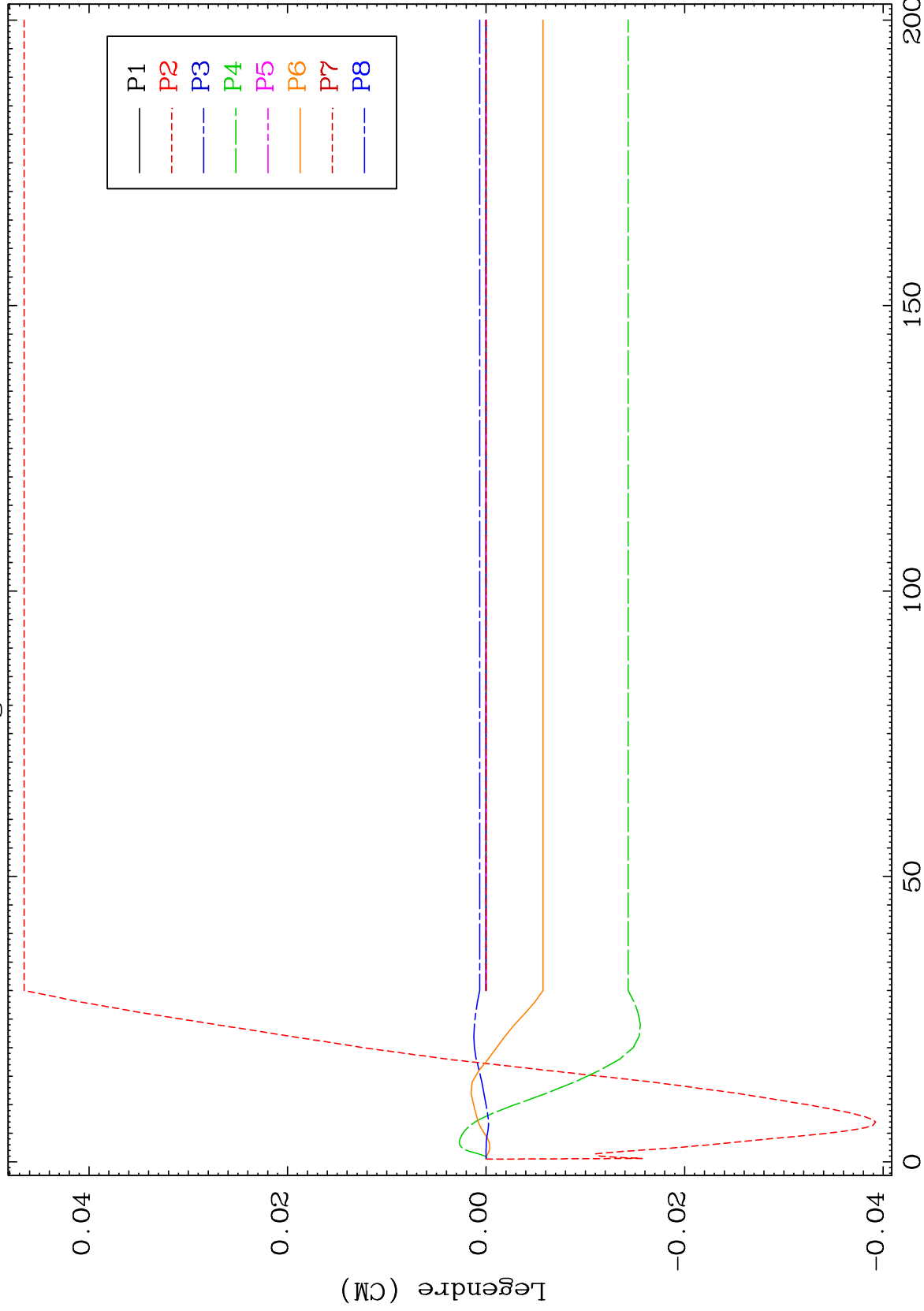


82 Incident Energy (MeV) 43-Tc-100

MAT 4328

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

43-Tc-100

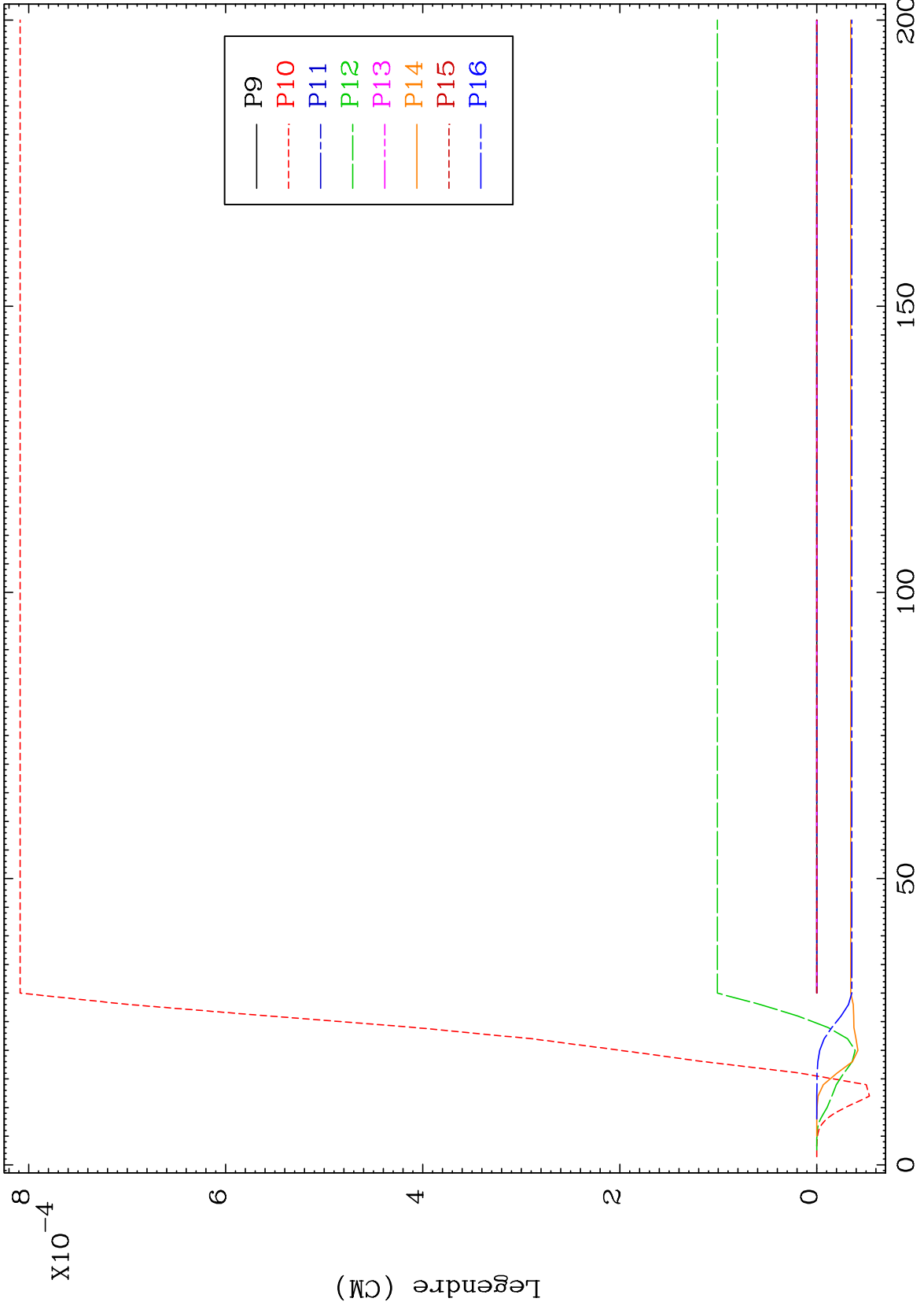


83

Incident Energy (MeV)

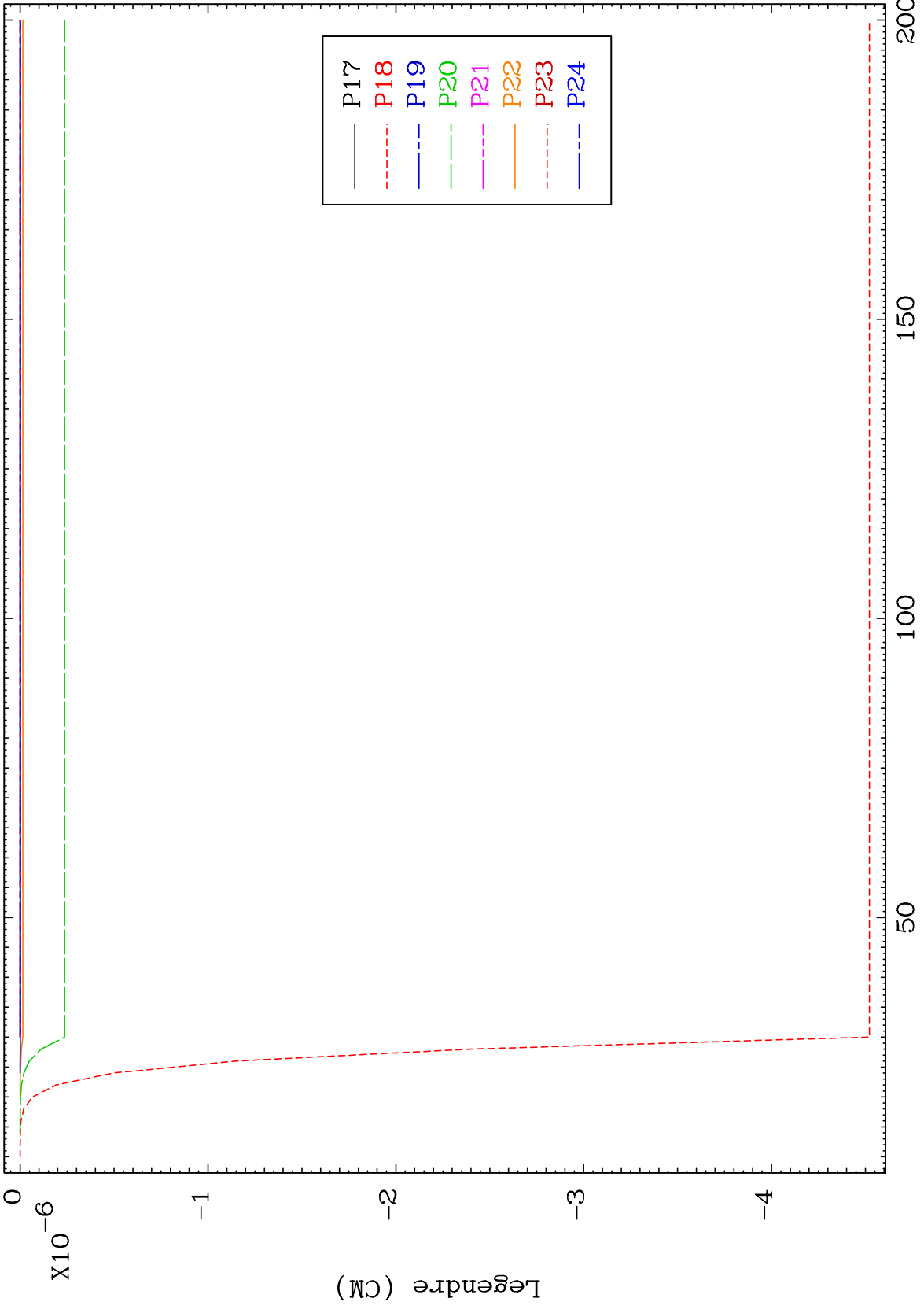
43-Tc-100

MAT 4328 MT= 70 (n,n') Level Legendre Coefficients 43-Tc-100

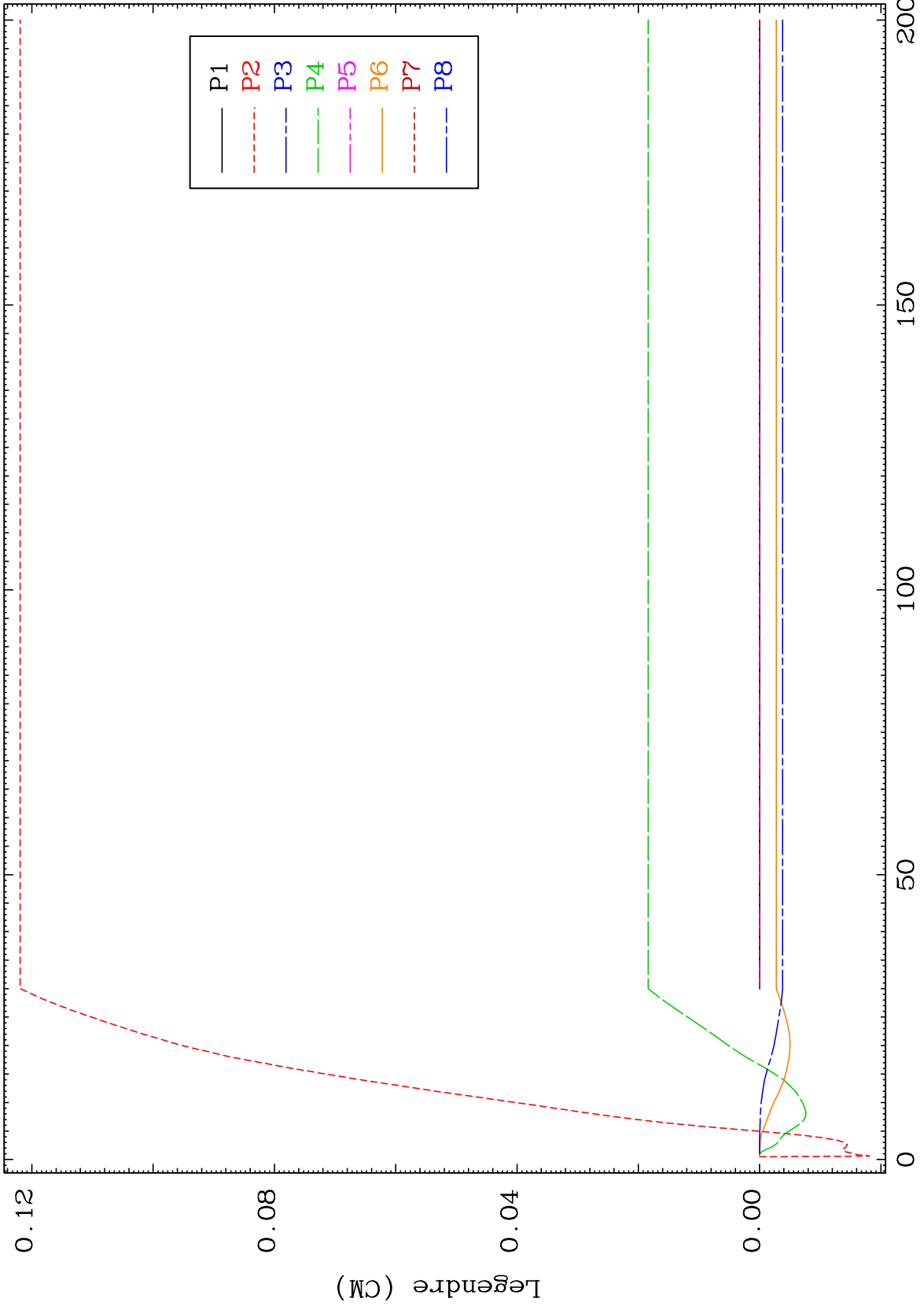


84 Incident Energy (MeV) 43-Tc-100

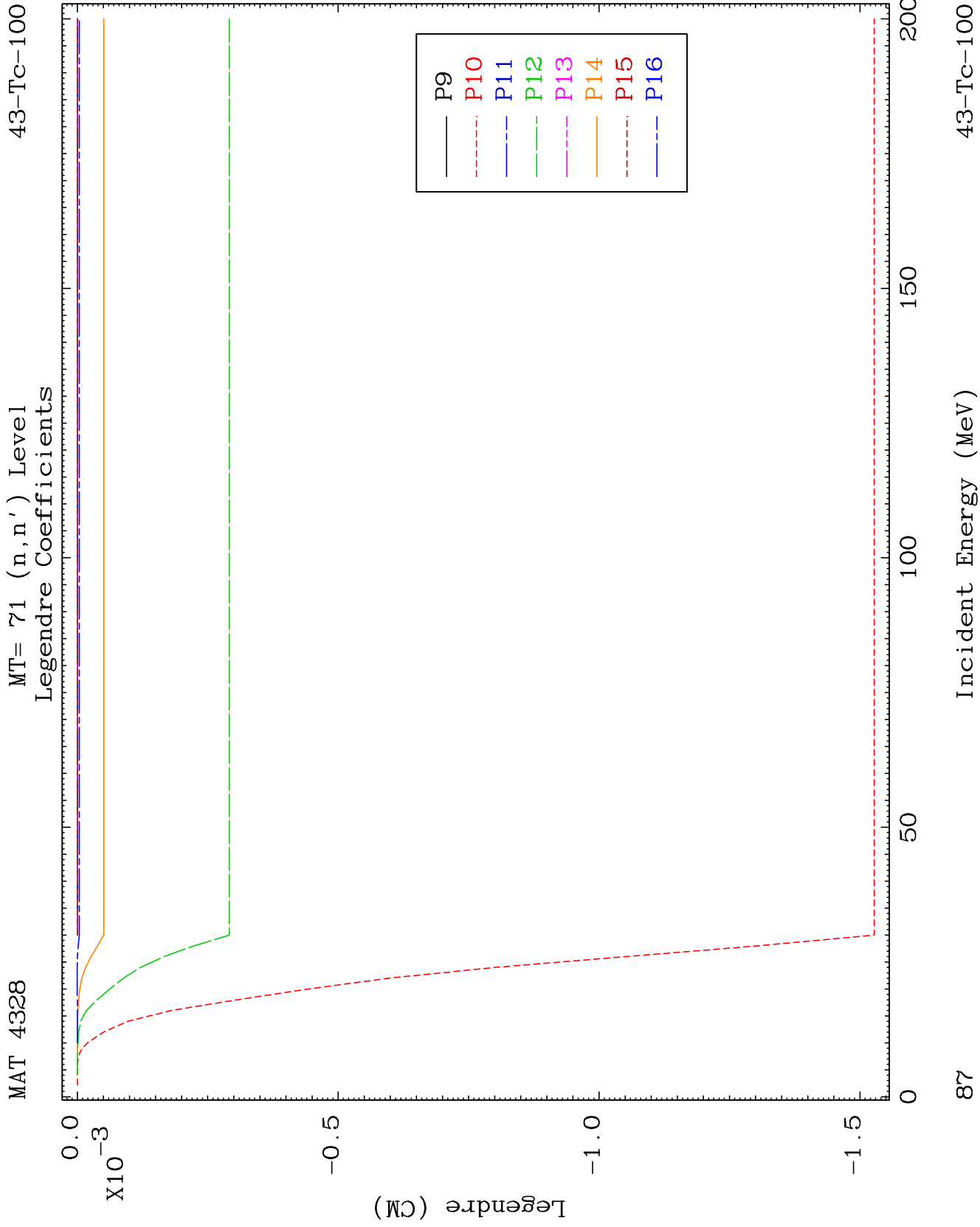
MAT 4328 MT= 70 (n,n') Level Legendre Coefficients 43-Tc-100



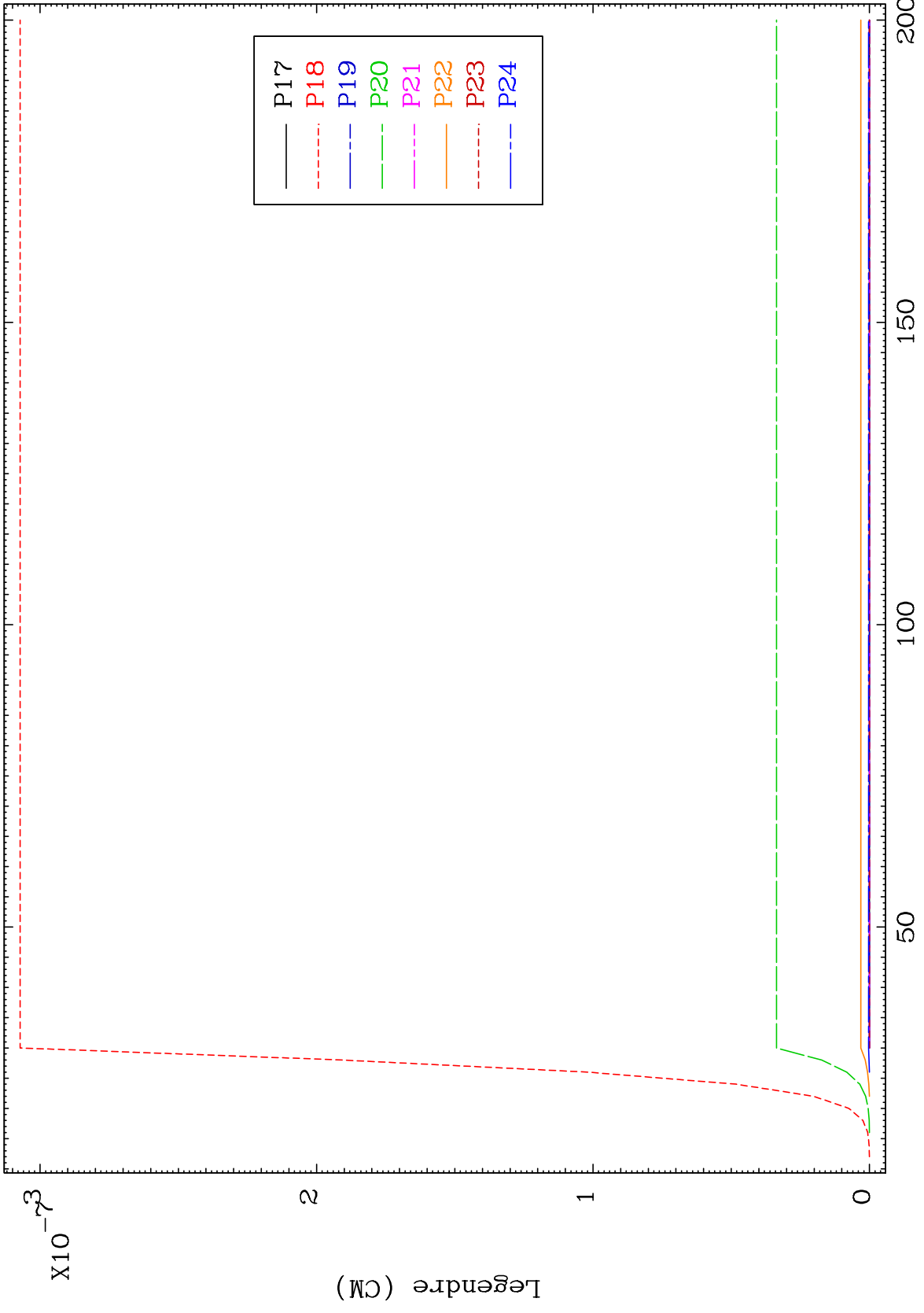
MAT 4328 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-100



86 43-Tc-100



MAT 4328 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-100

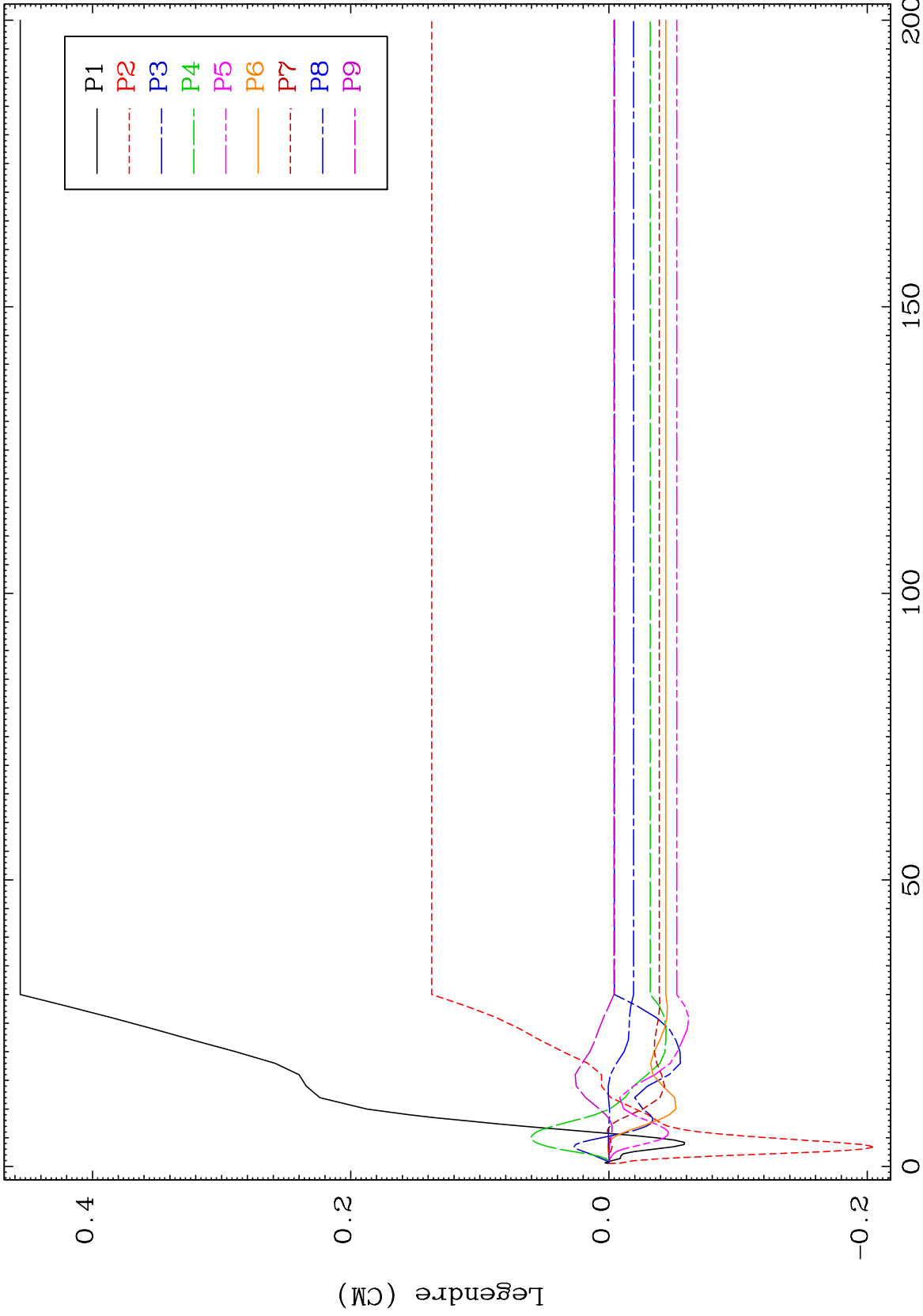


88 43-Tc-100

MAT 4328

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

43-Tc-100



89

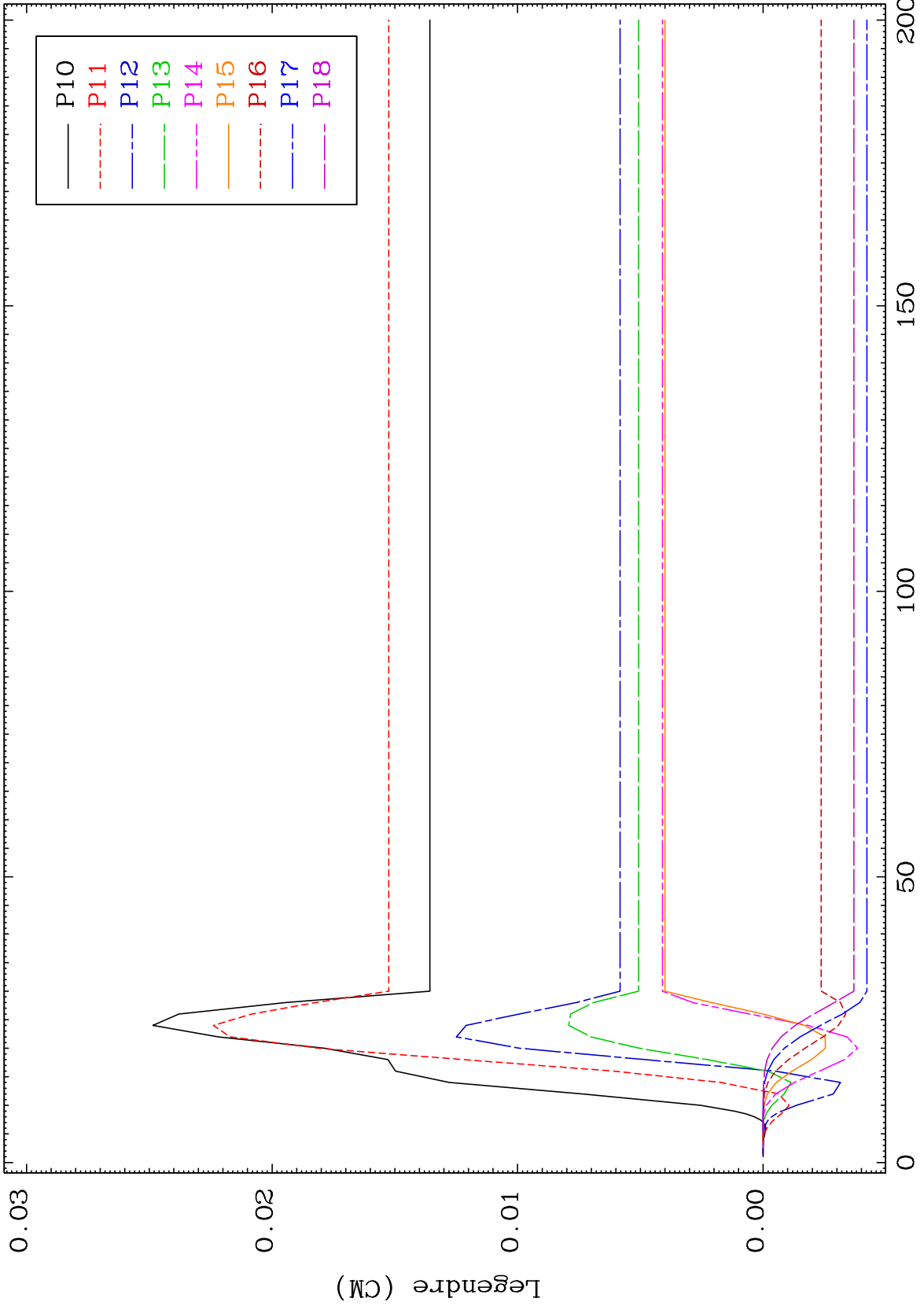
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



90

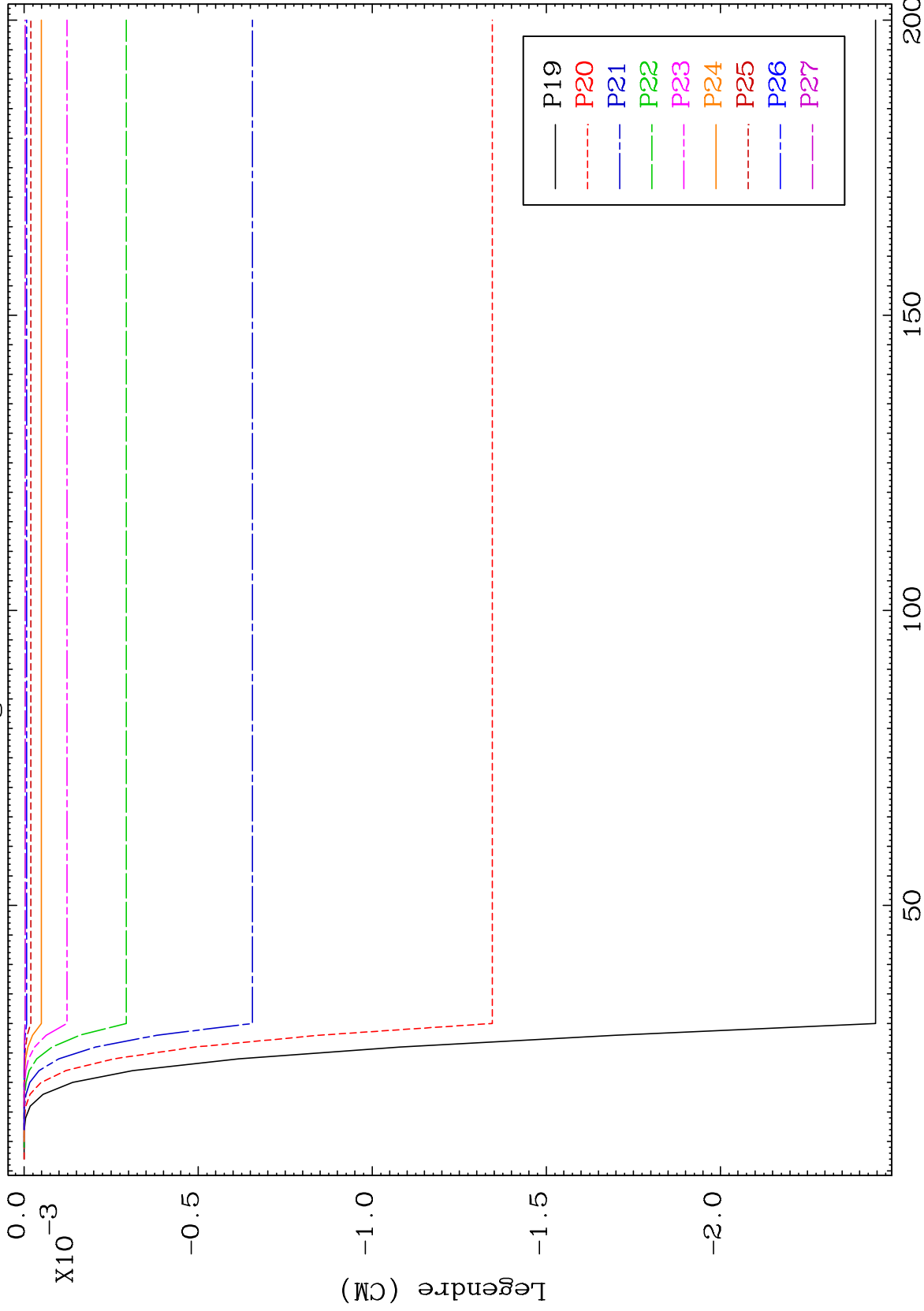
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

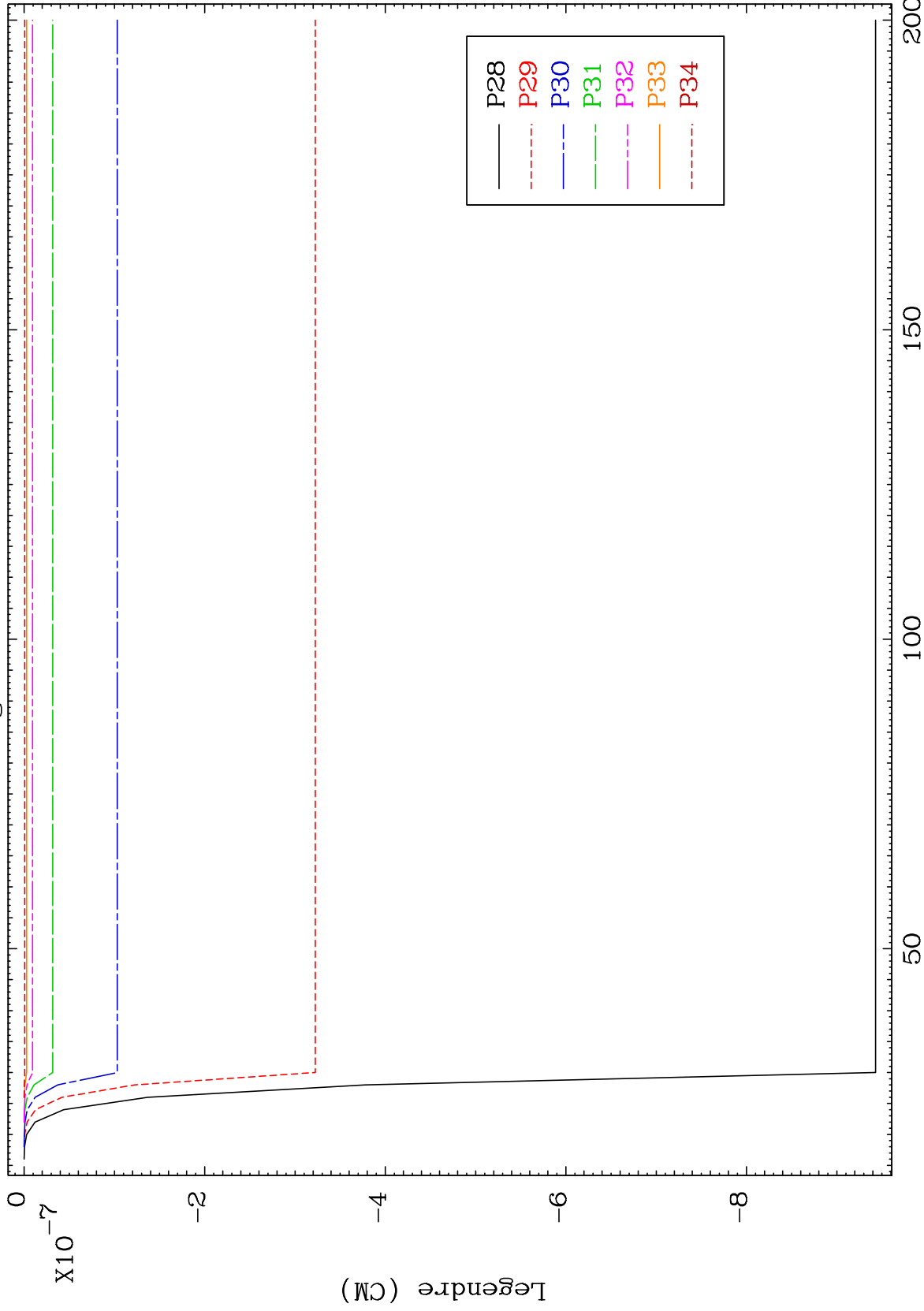
Incident Energy (MeV)

91

MAT 4328

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

43-Tc-100



92

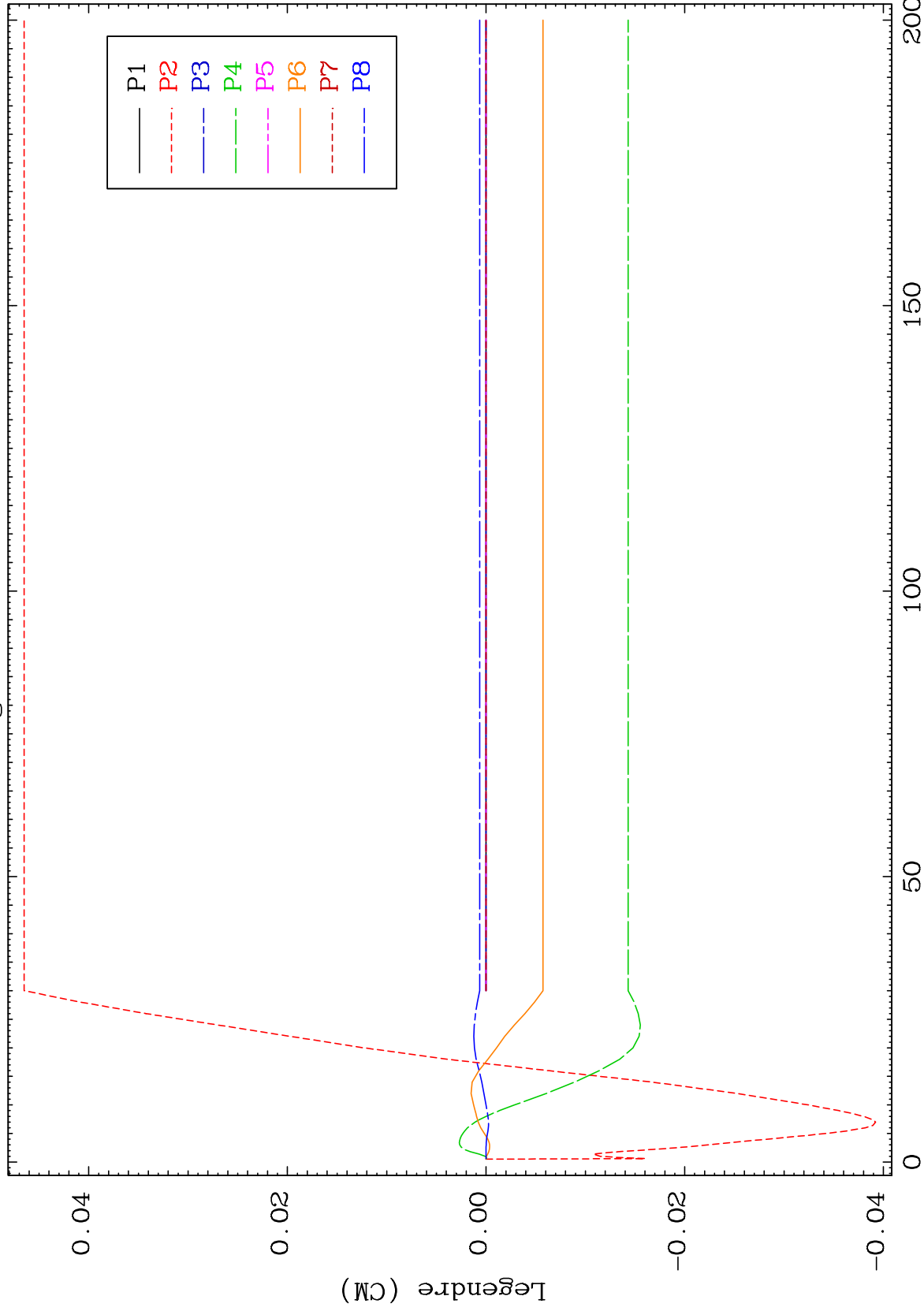
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



93

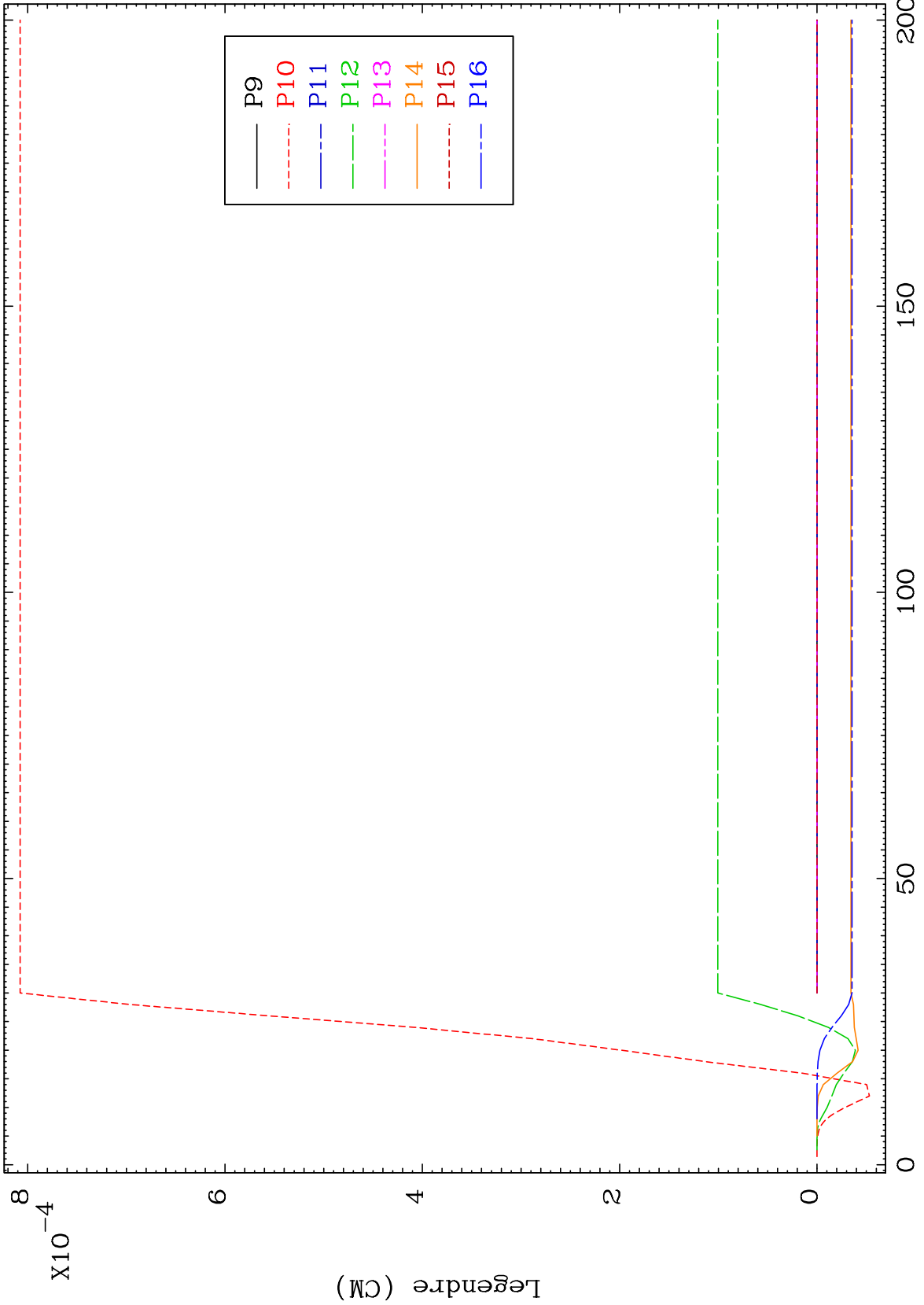
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



94

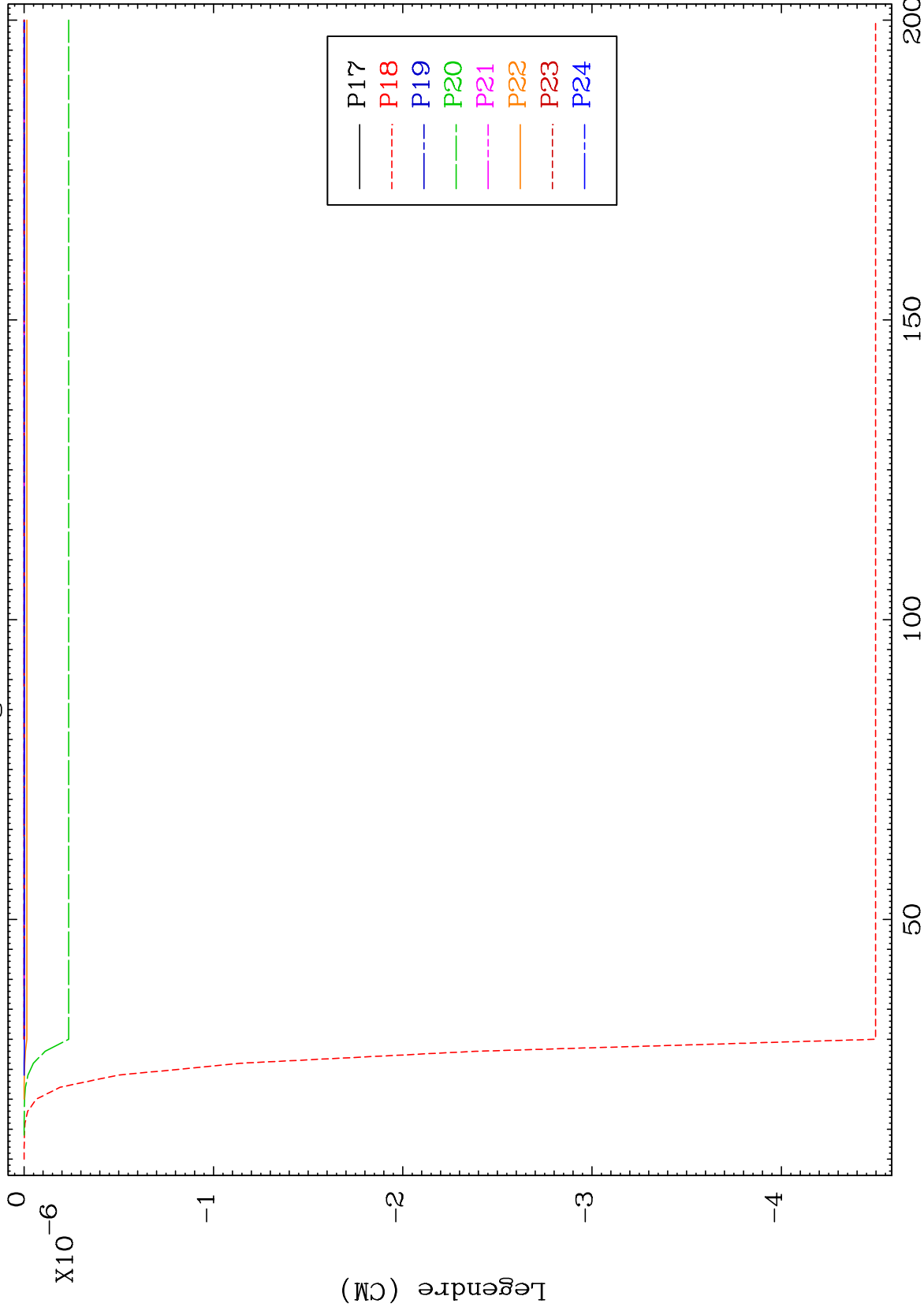
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

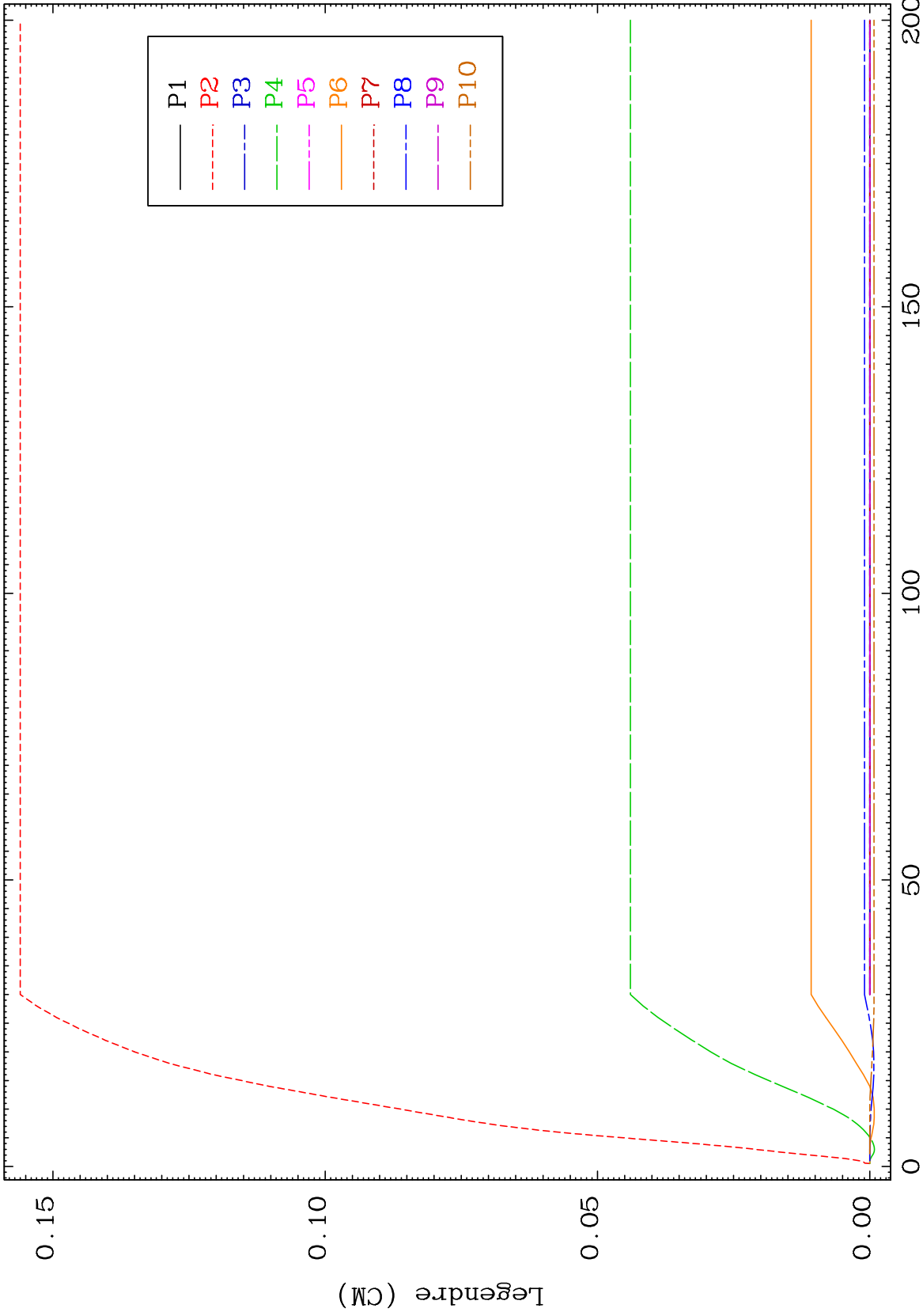
Incident Energy (MeV)

95

MAT 4328

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

43-Tc-100



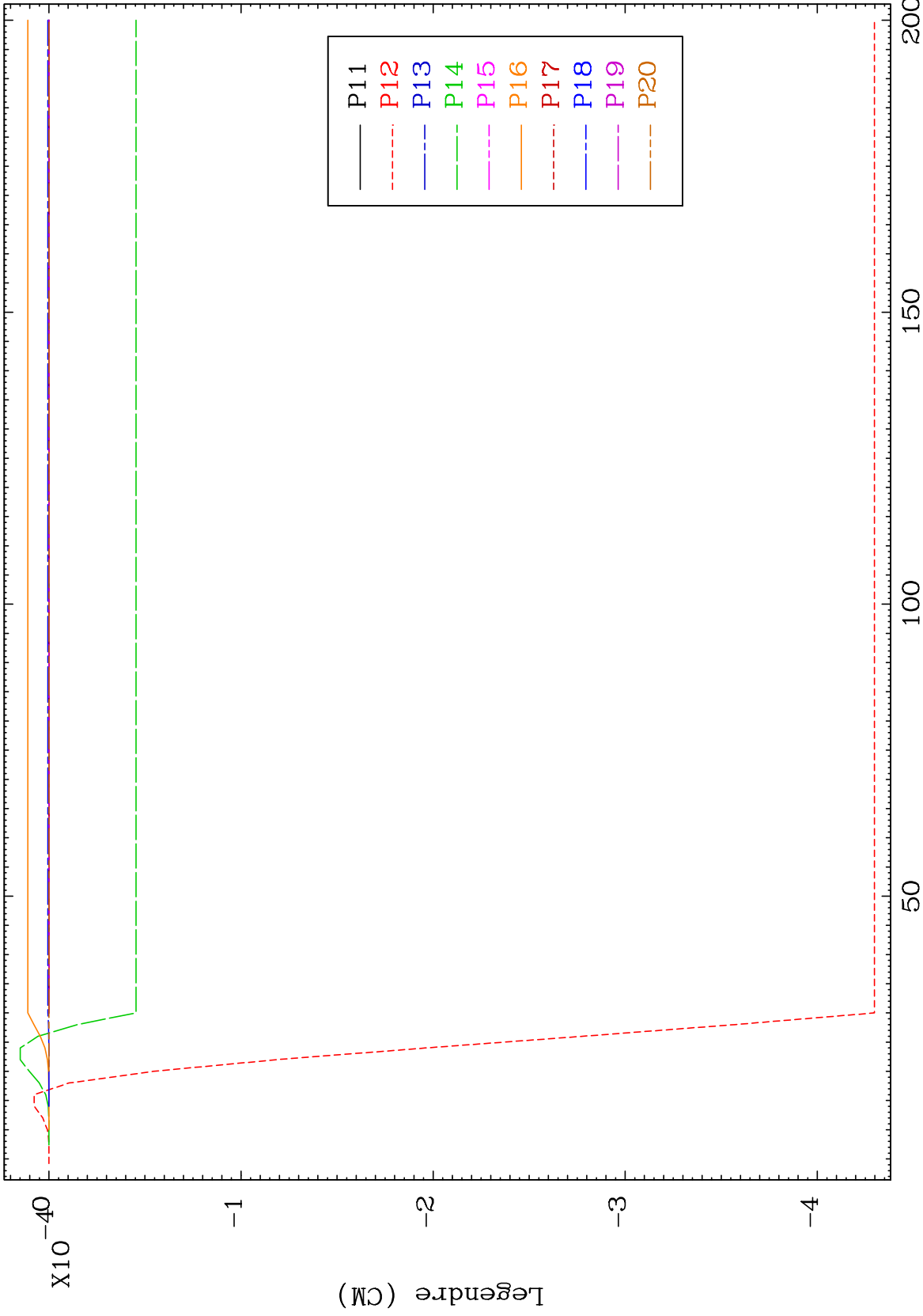
96

43-Tc-100

MAT 4328

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

43-Tc-100



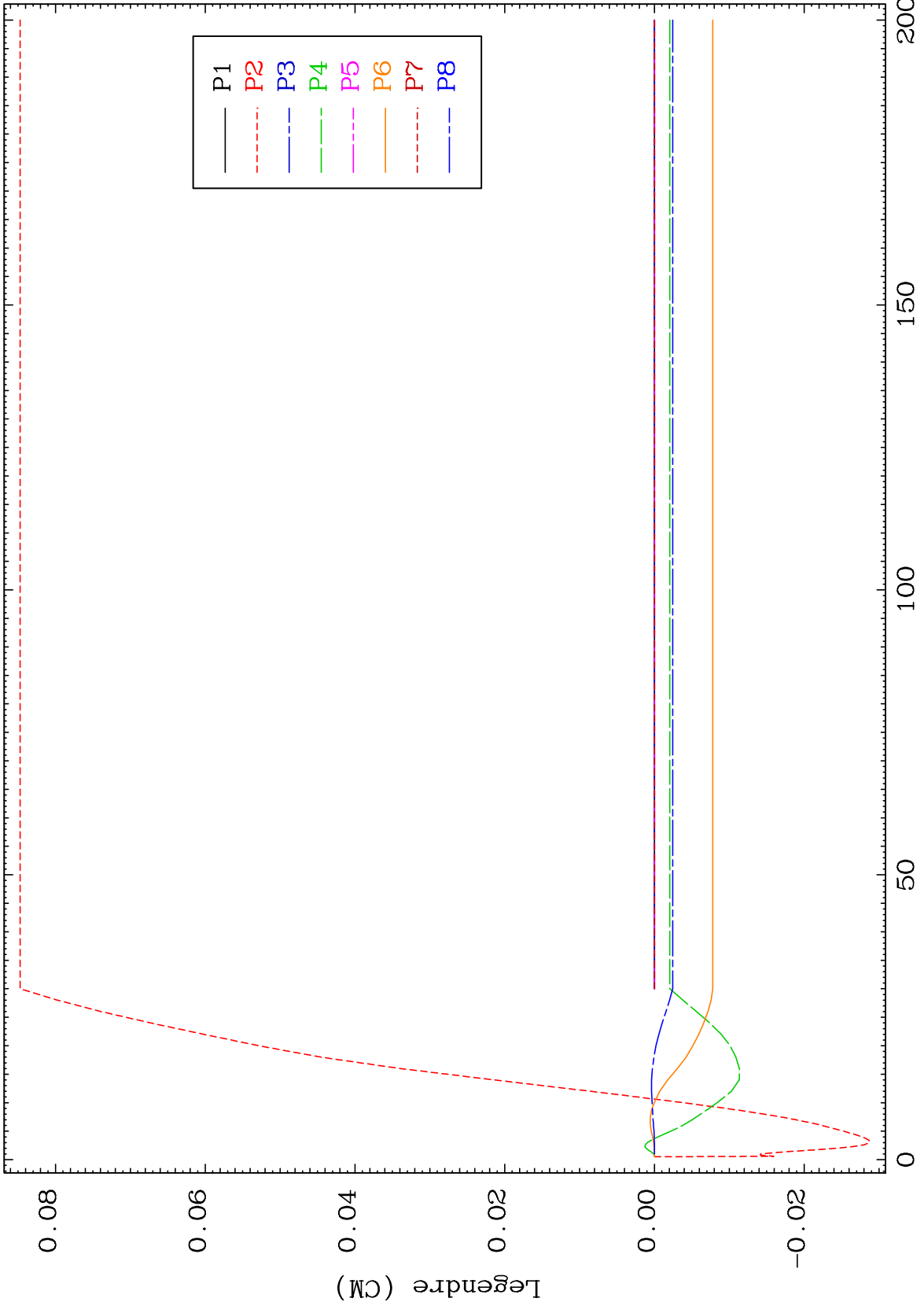
97

43-Tc-100

MAT 4328

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

43-Tc-100



98

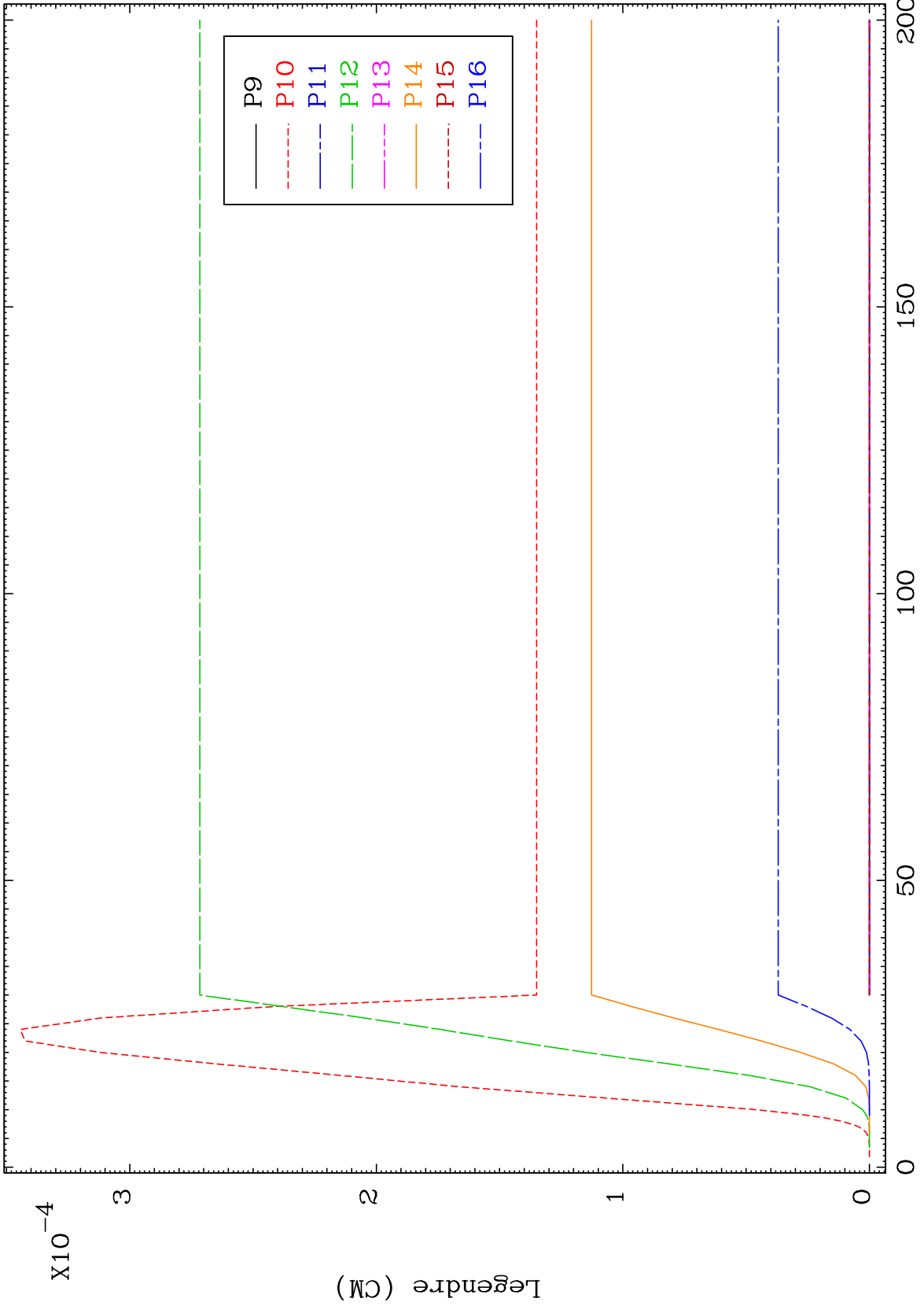
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

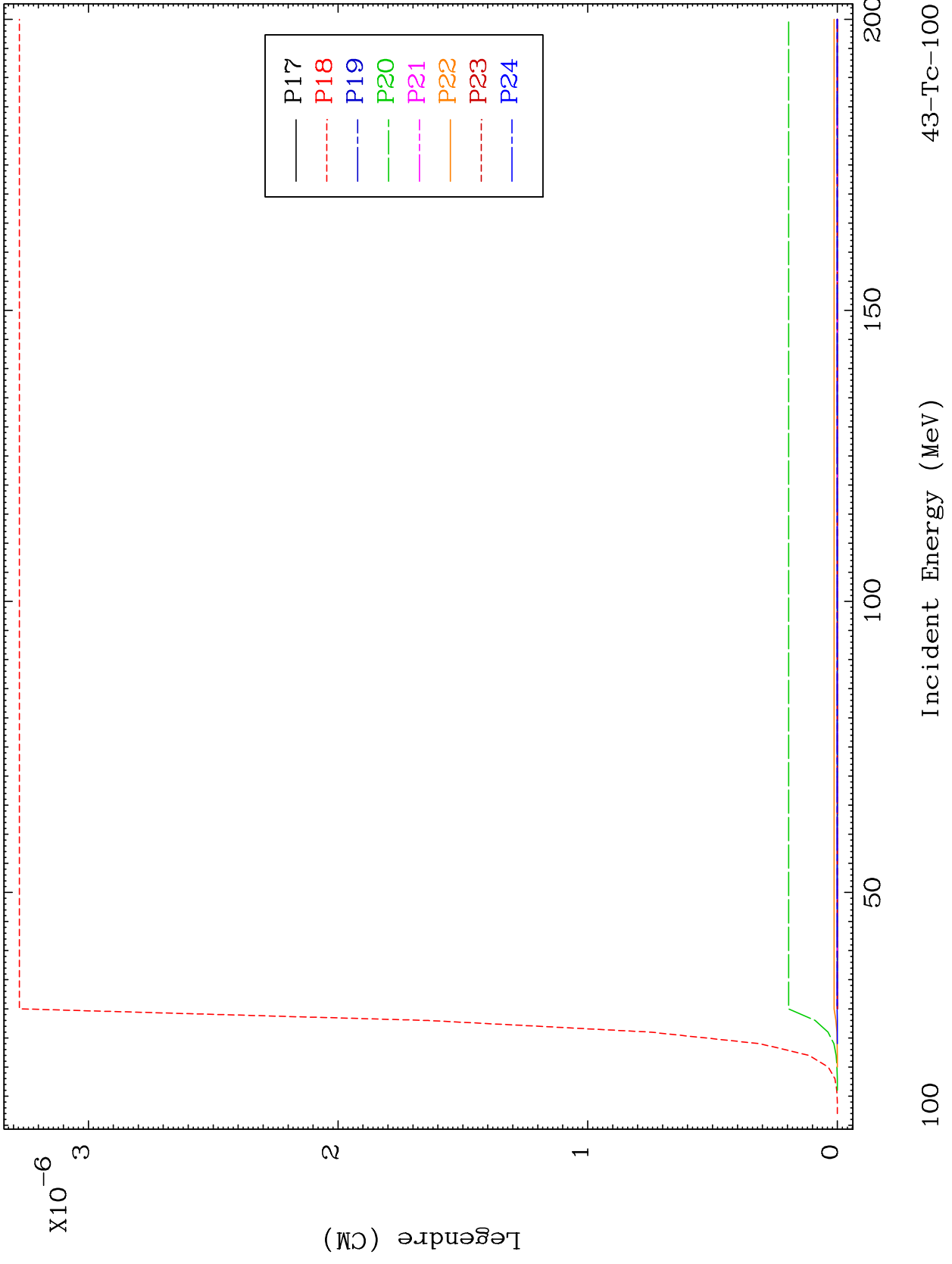


99

Incident Energy (MeV)

43-Tc-100

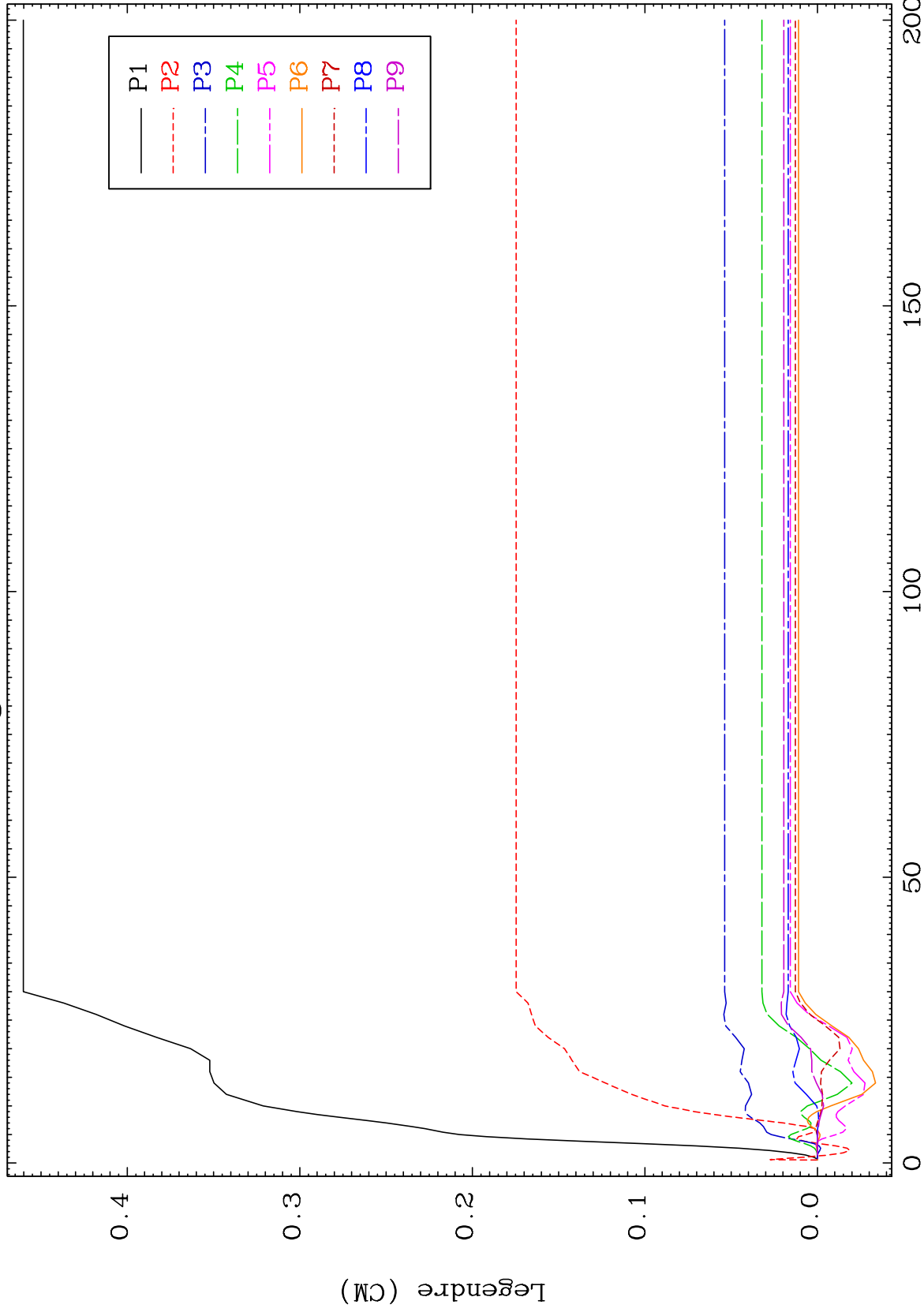
MAT 4328 MT= 75 (n,n') Level Legendre Coefficients 43-Tc-100



MAT 4328

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

43-Tc-100



101

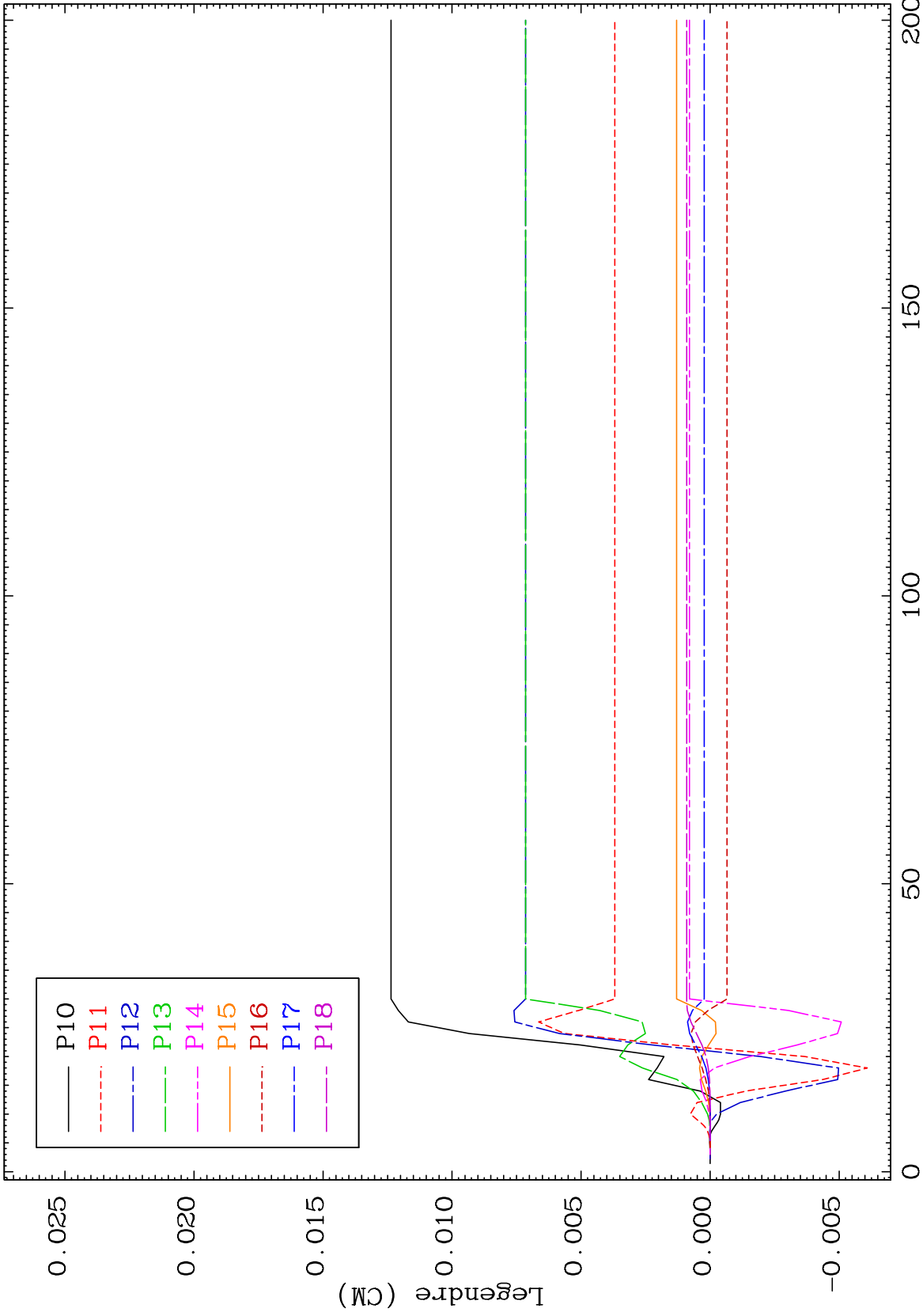
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

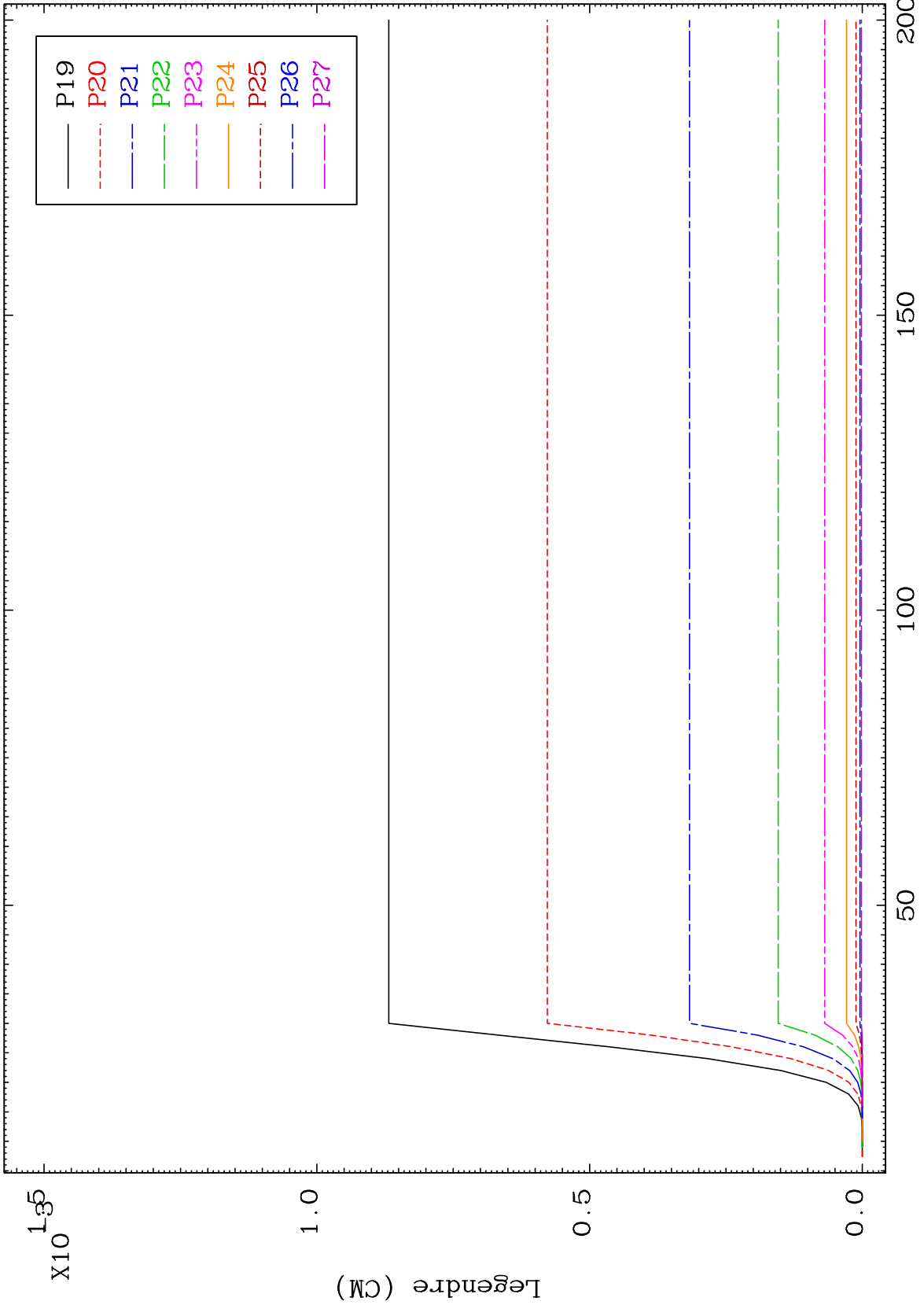
Incident Energy (MeV)

102

MAT 4328

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

43-Tc-100



103

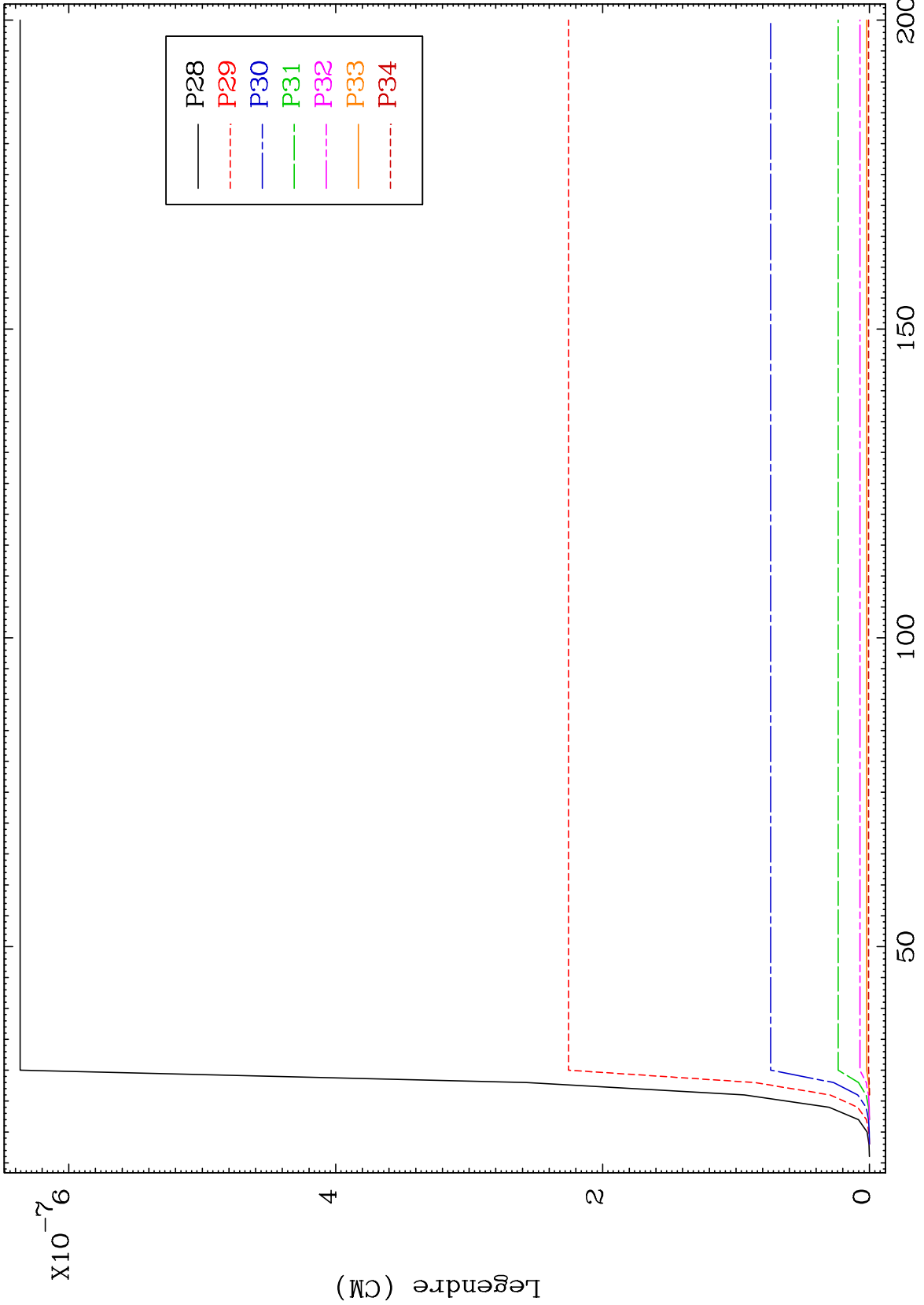
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100

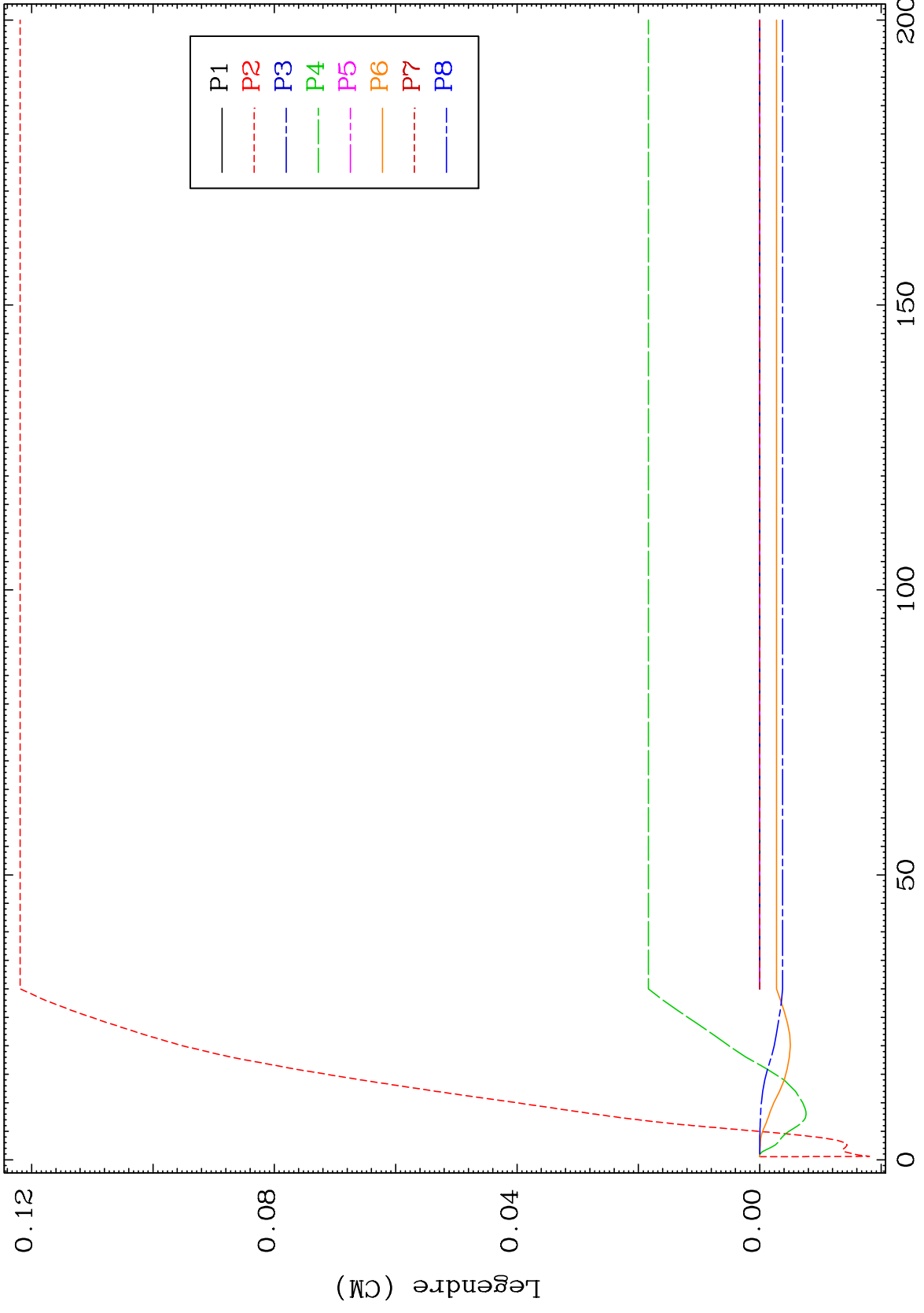


104

Incident Energy (MeV)

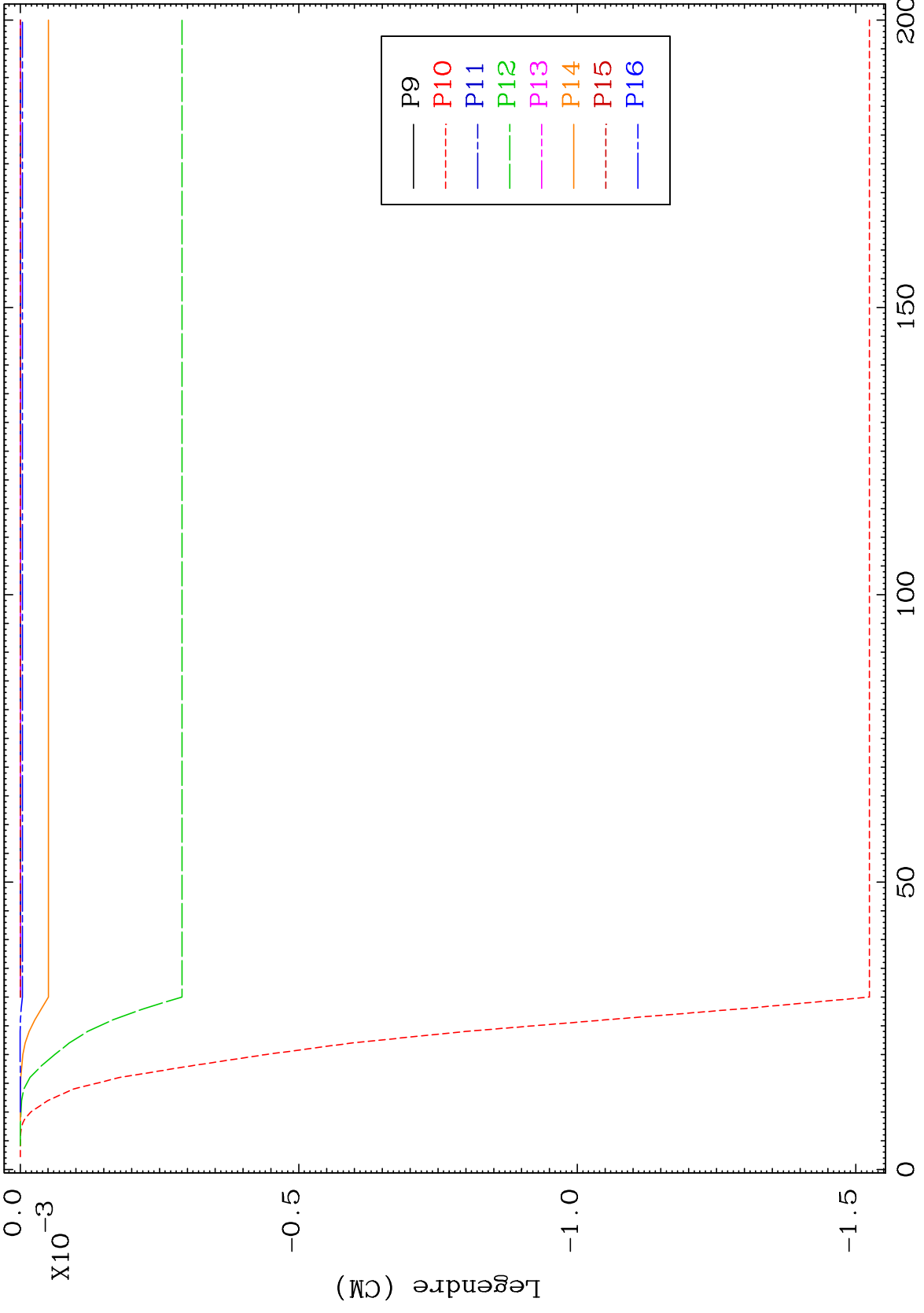
43-Tc-100

MAT 4328 MT= 77 (n,n') Level Legendre Coefficients 43-Tc-100



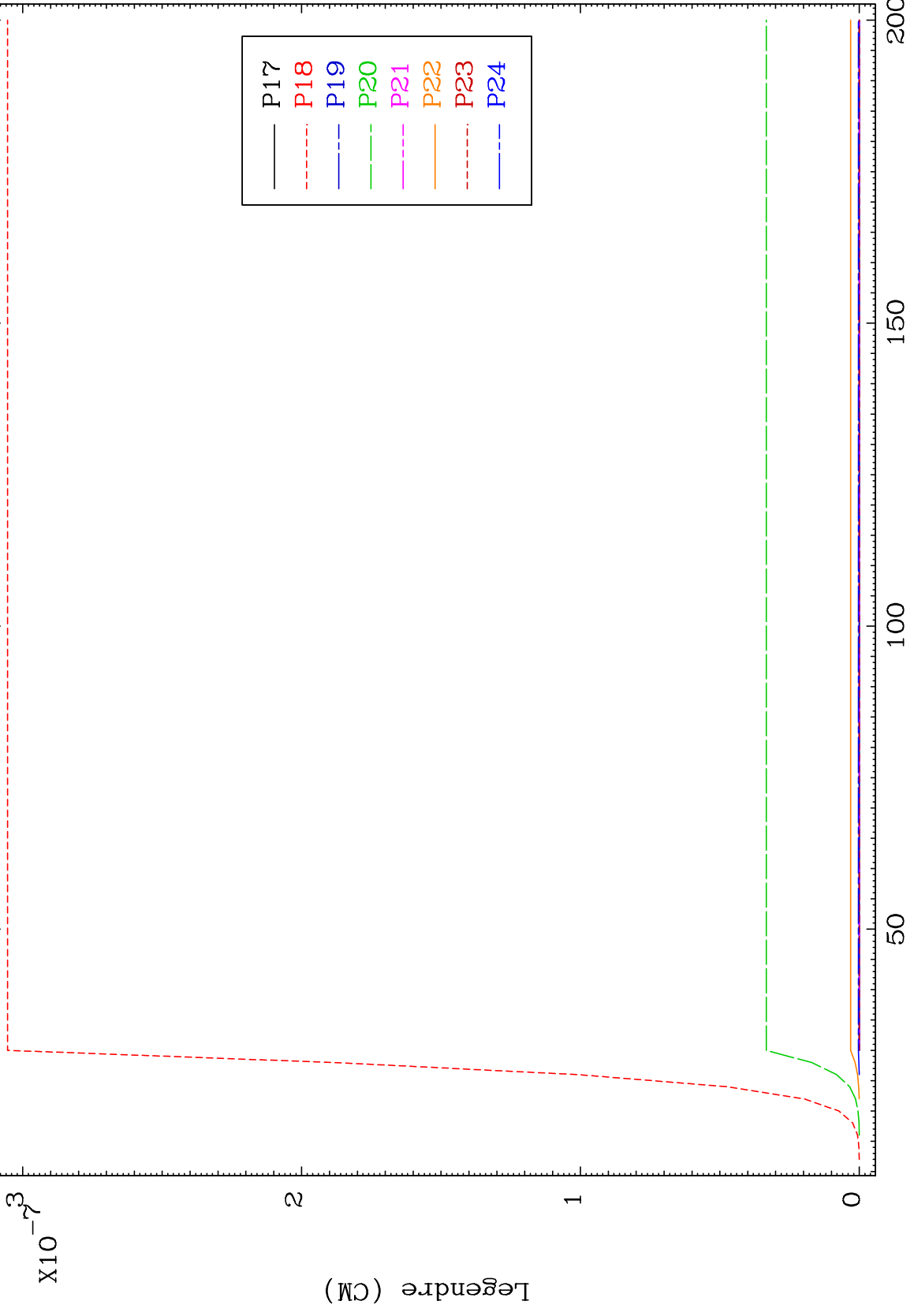
43-Tc-100

MAT 4328 MT= 77 (n,n') Level Legendre Coefficients 43-Tc-100



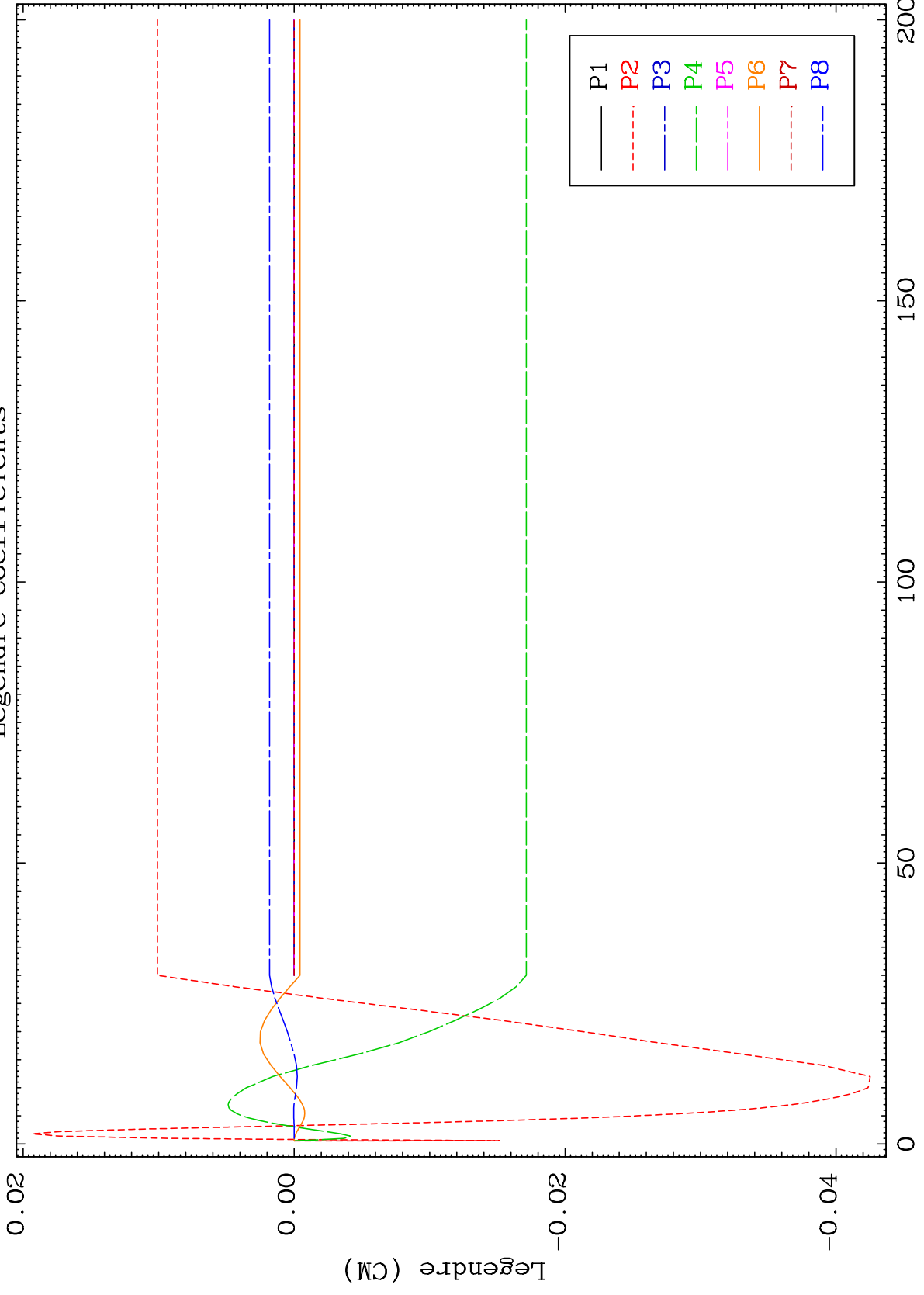
106 43-Tc-100

MAT 4328 MT= 77 (n,n') Level Legendre Coefficients 43-Tc-100



107 Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 78 (n,n') Level Legendre Coefficients 43-Tc-100

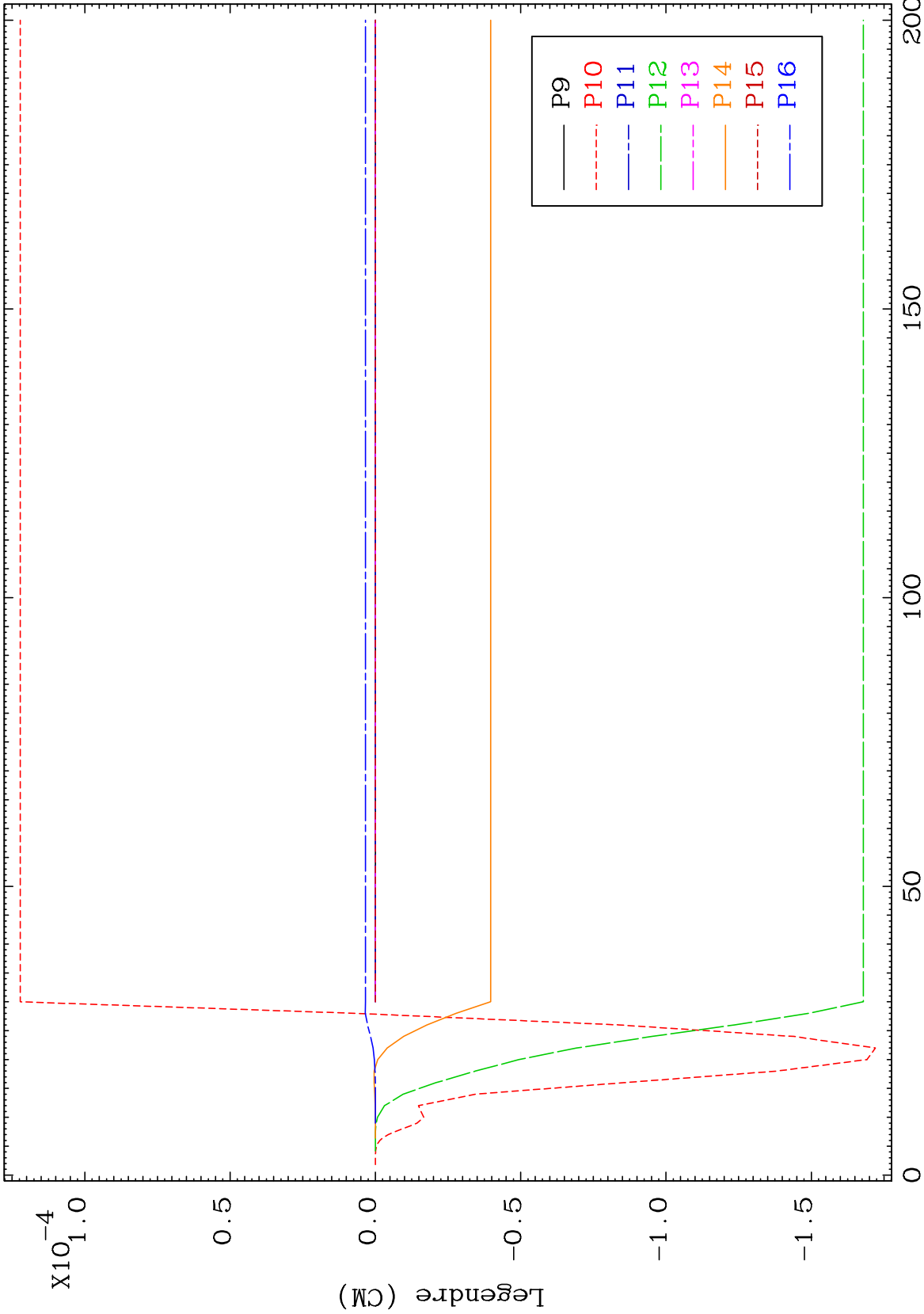


108 43-Tc-100

MAT 4328

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

43-Tc-100

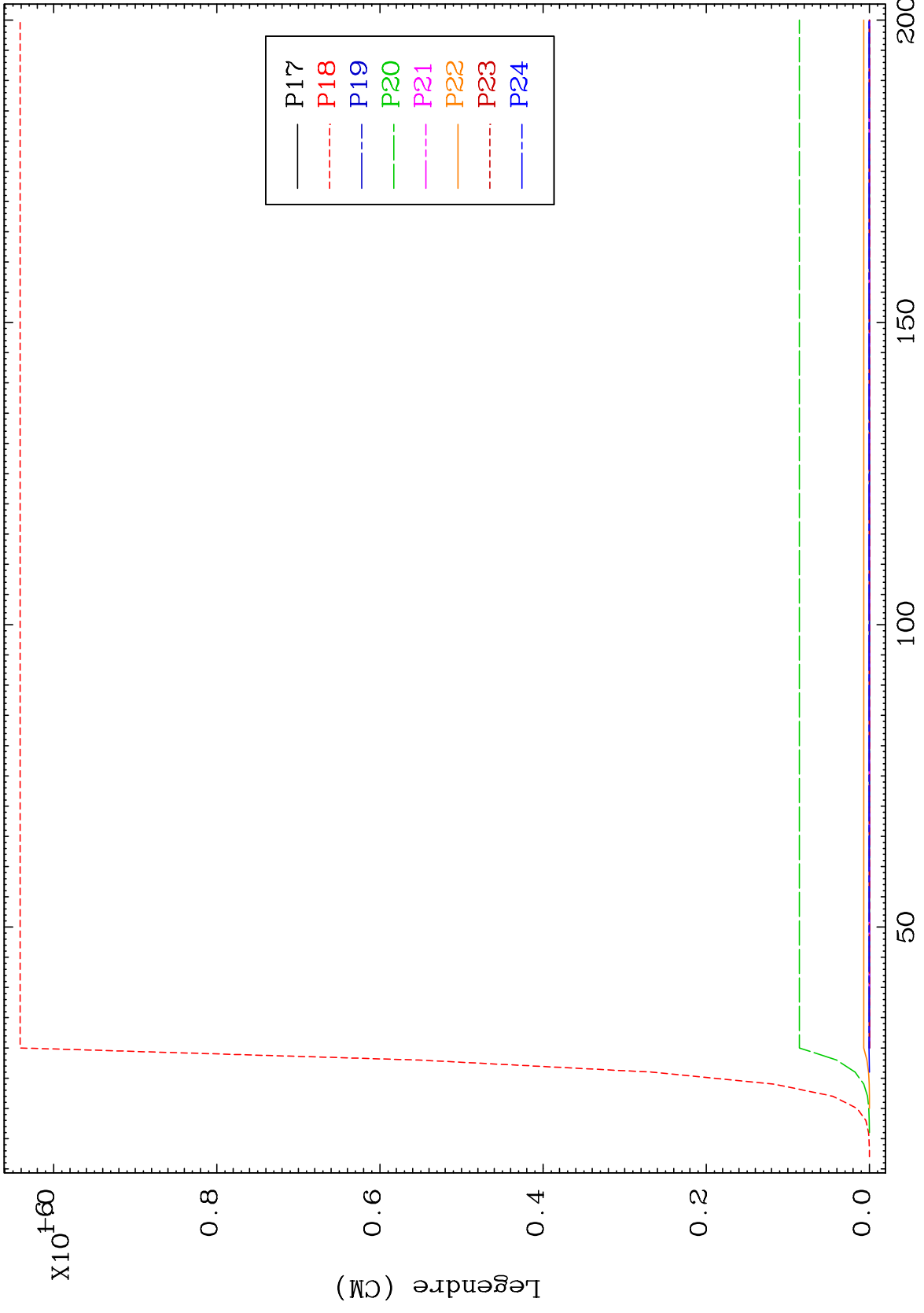


109

Incident Energy (MeV)

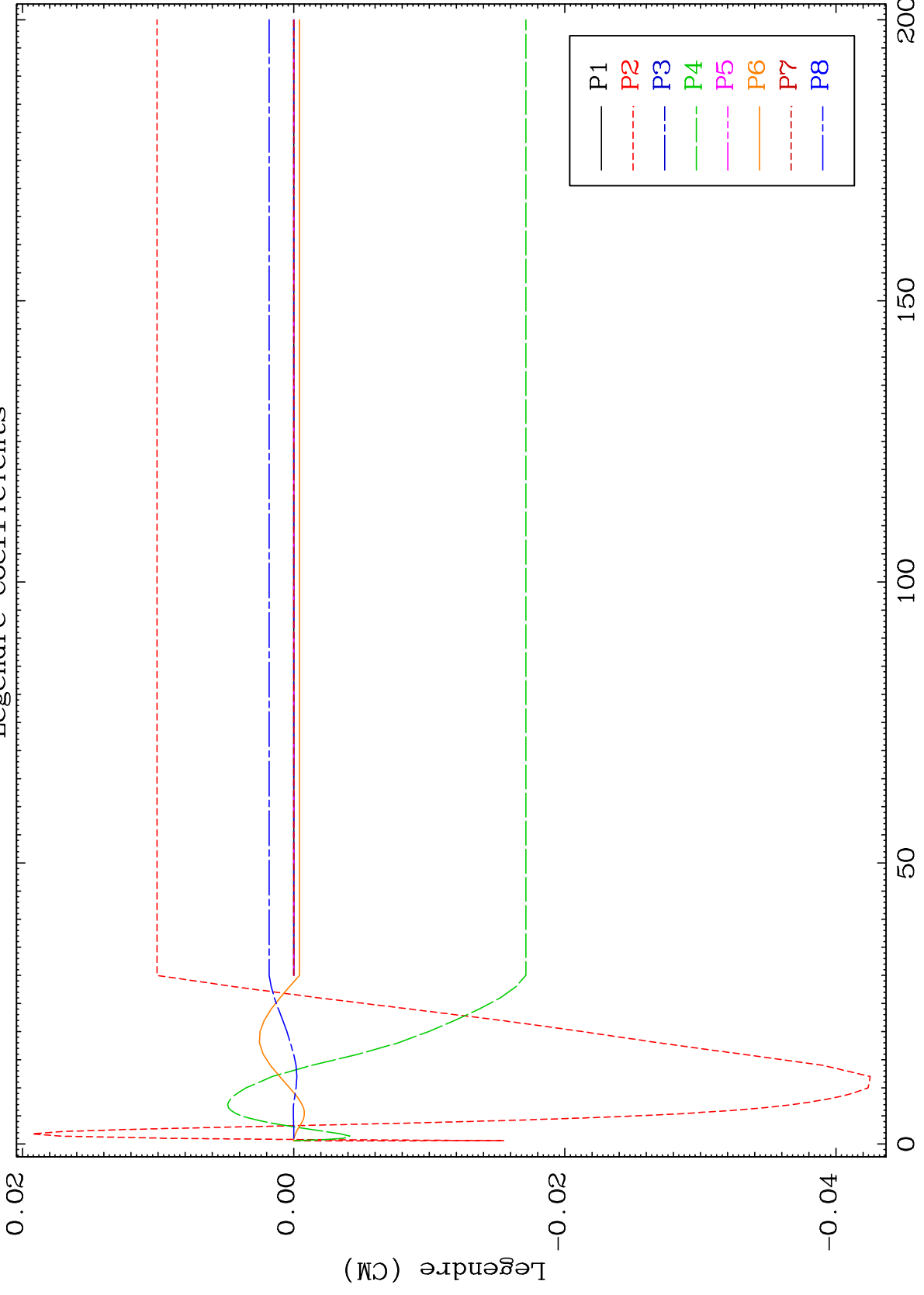
43-Tc-100

MAT 4328 MT= 78 (n,n') Level Legendre Coefficients 43-Tc-100



Incident Energy (MeV) 43-Tc-100

MAT 4328 MT= 79 (n,n') Level Legendre Coefficients 43-Tc-100

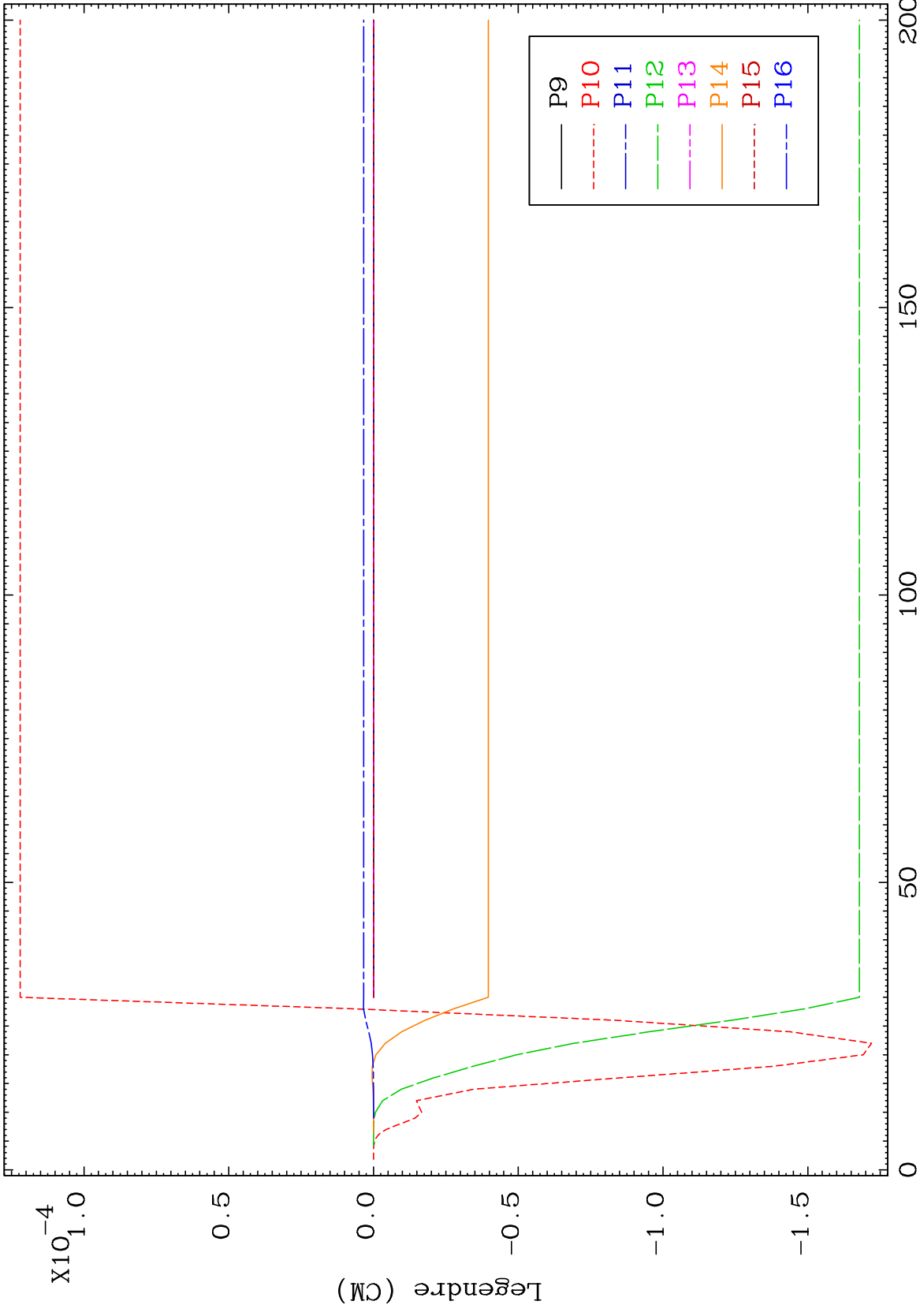


111 43-Tc-100

MAT 4328

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

43-Tc-100

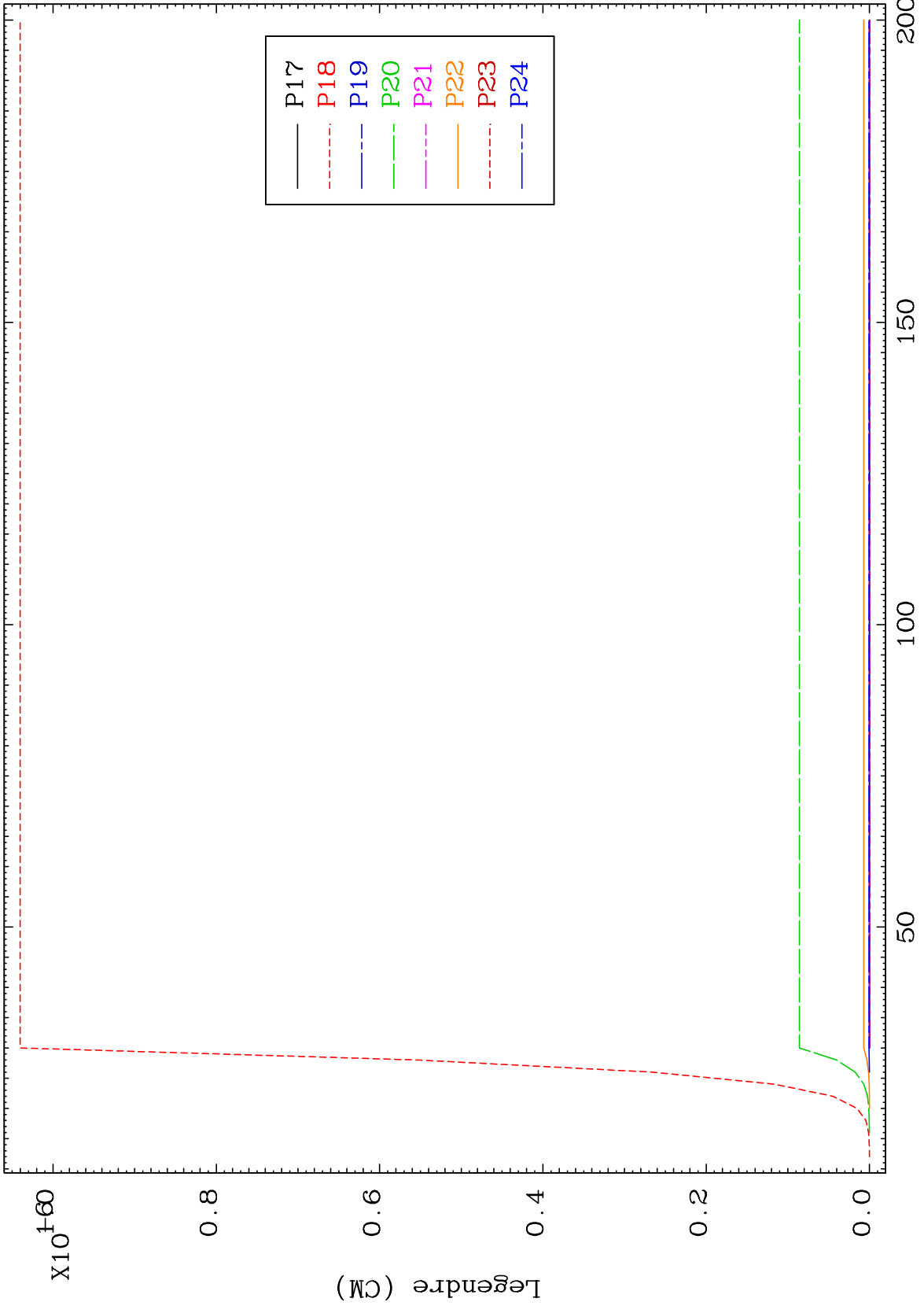


112

Incident Energy (MeV)

43-Tc-100

MAT 4328 MT= 79 (n,n') Level Legendre Coefficients 43-Tc-100

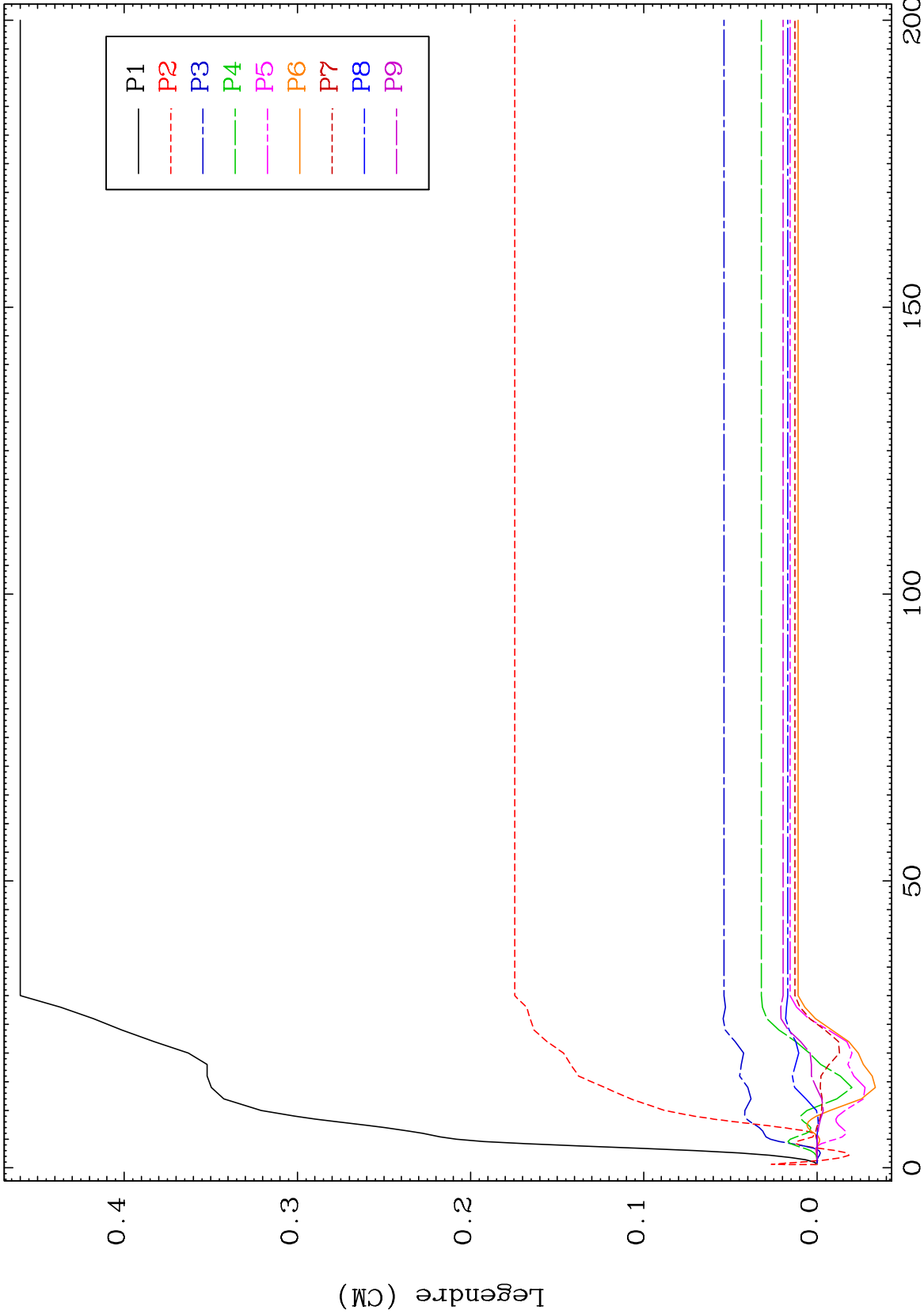


113 43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

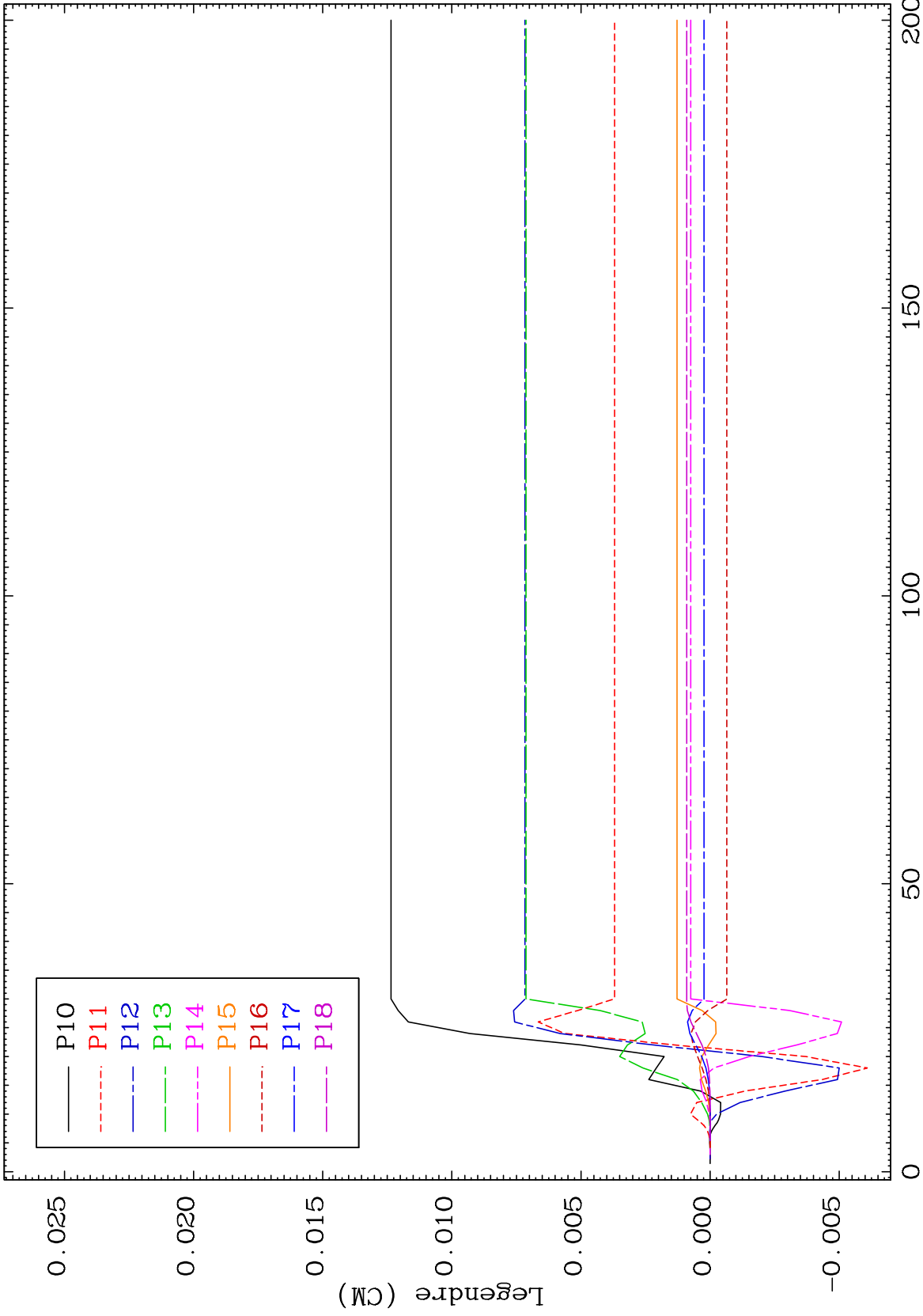
Incident Energy (MeV)

114

MAT 4328

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

43-Tc-100



115

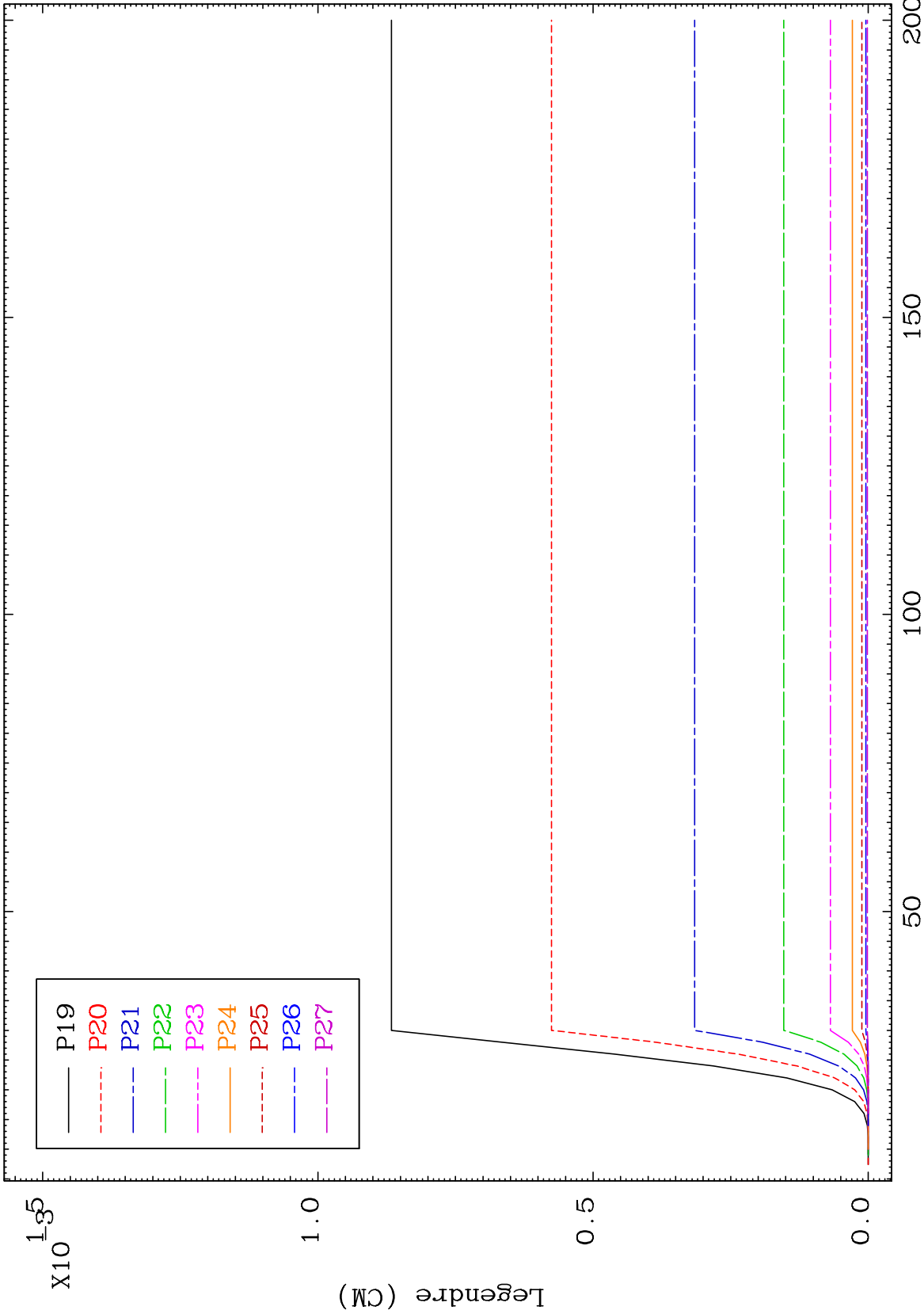
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



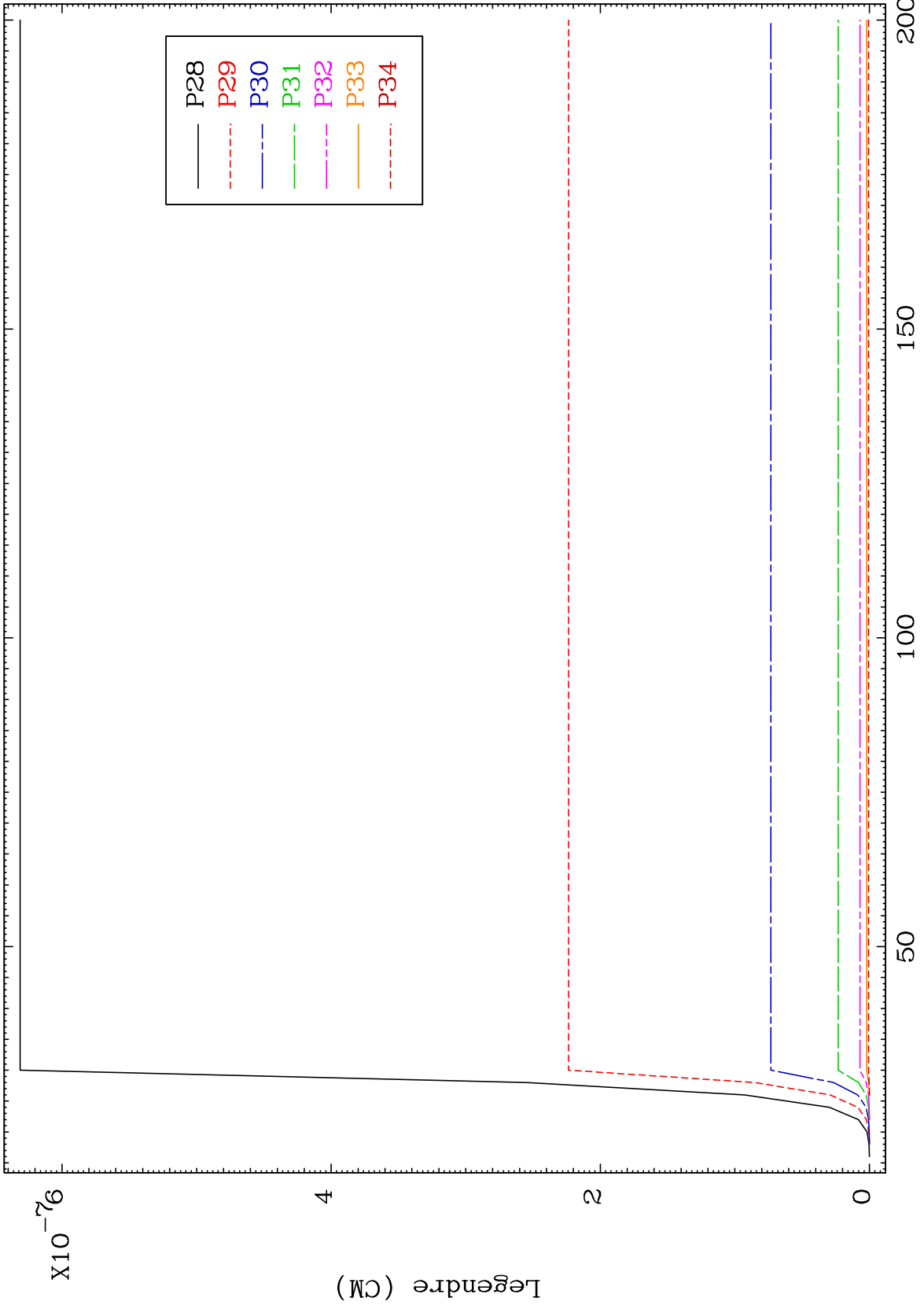
116

43-Tc-100

MAT 4328

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

43-Tc-100



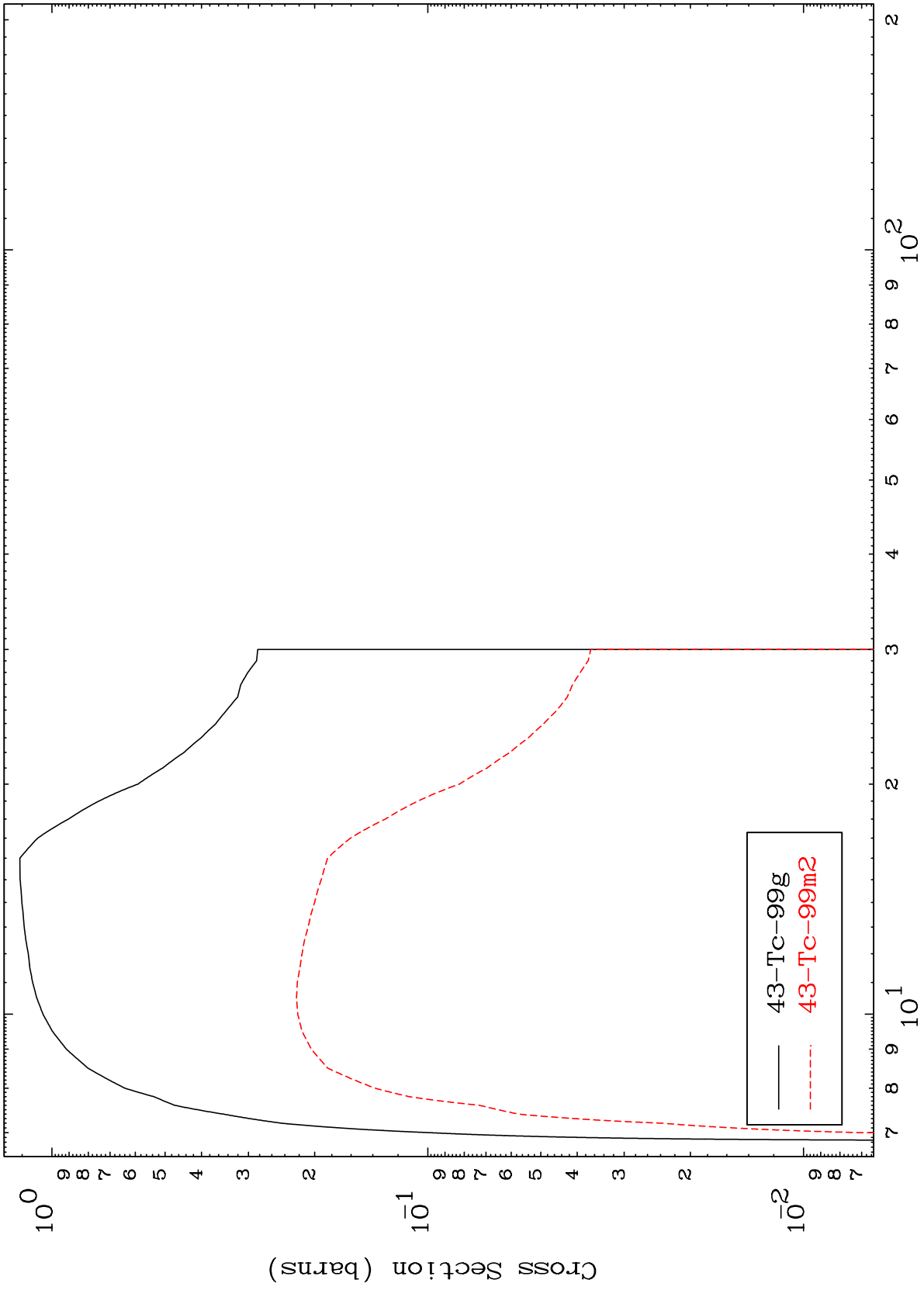
117

43-Tc-100

MAT 4328

43-Tc-100

(n,2n)
Radionuclide Production Cross Section



118

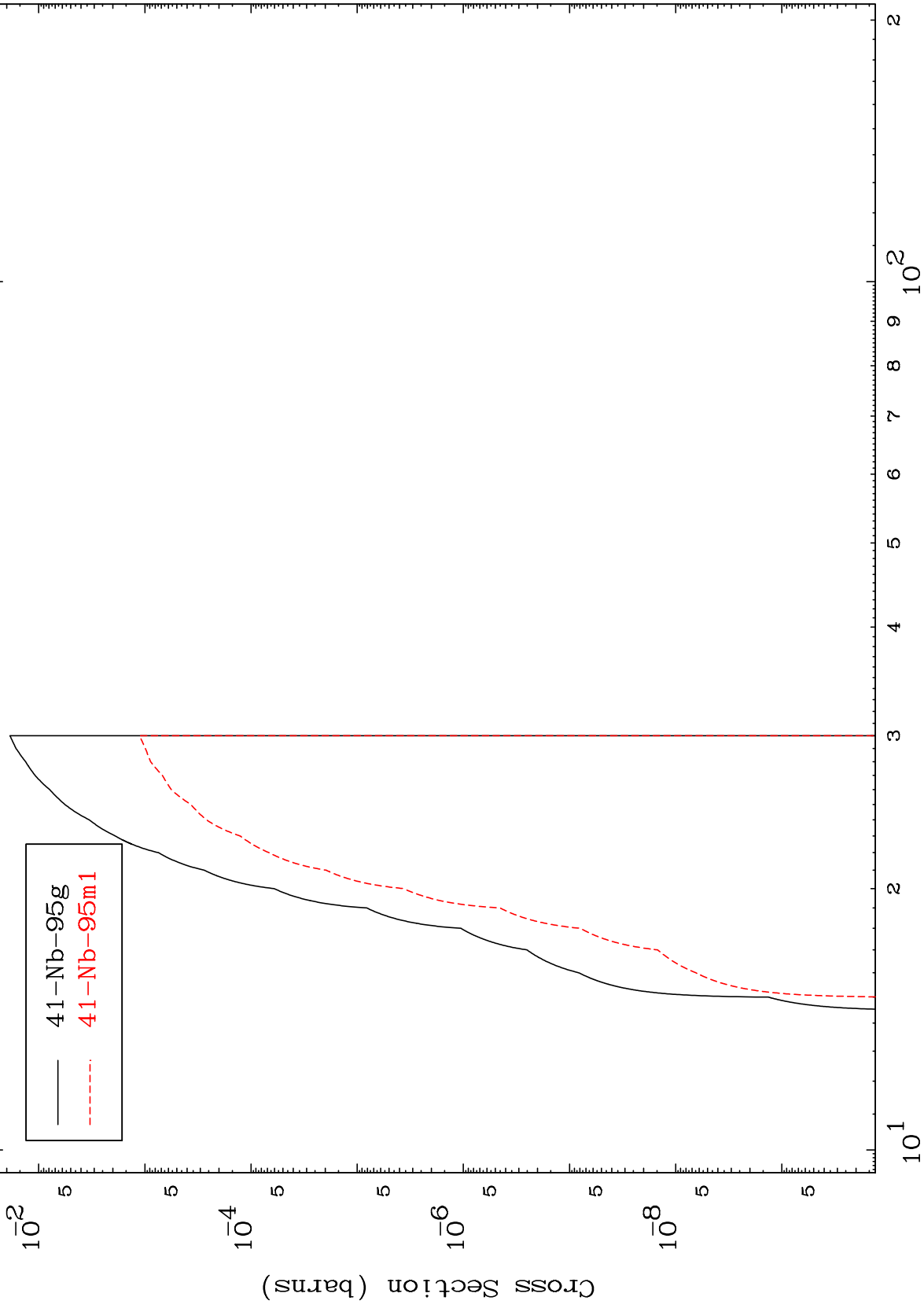
43-Tc-100

MAT 4328

(n,2n) α

43-Tc-100

Radionuclide Production Cross Section

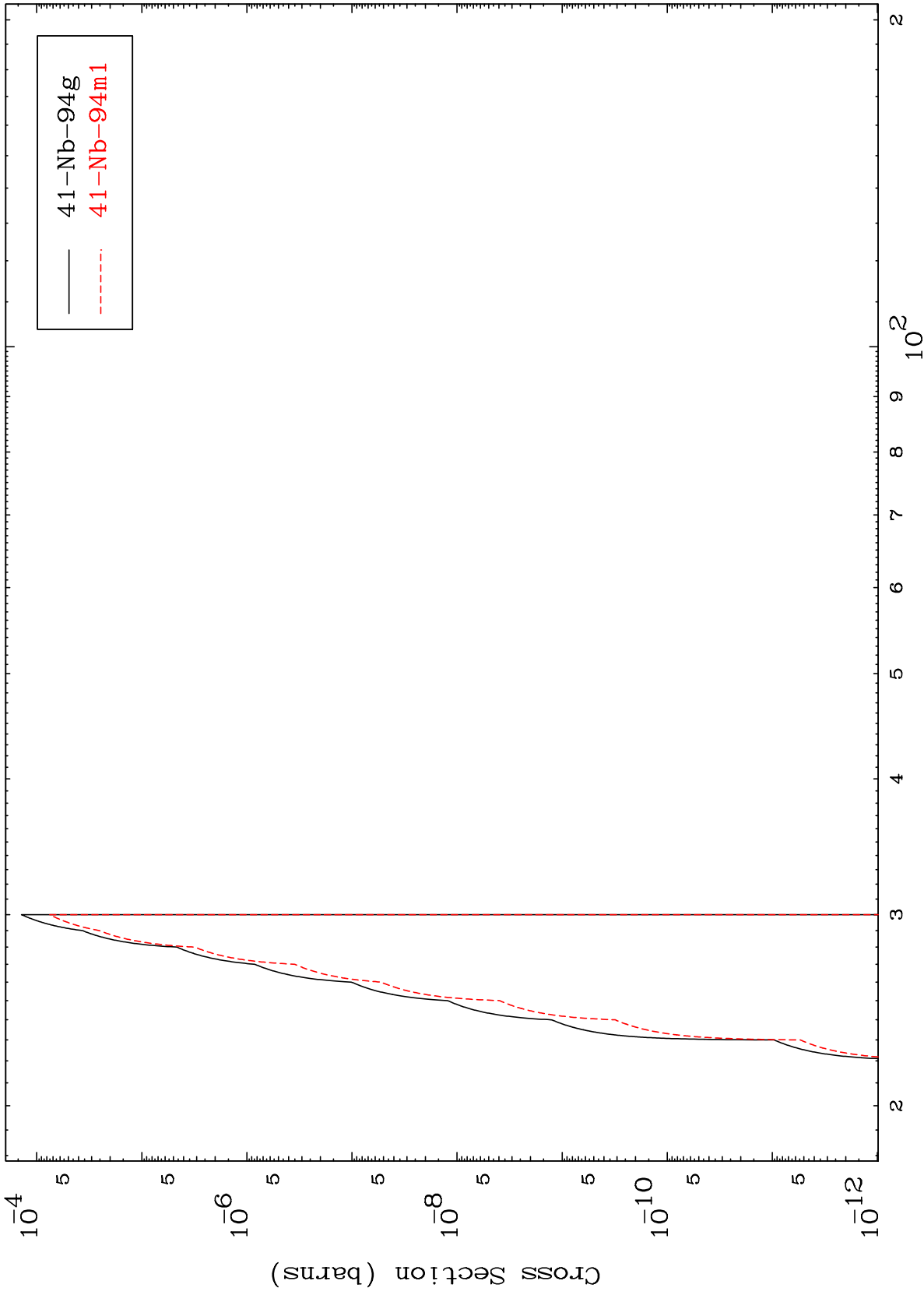


MAT 4328

(n,3n) α

43-Tc-100

Radionuclide Production Cross Section



120

Incident Energy (MeV)

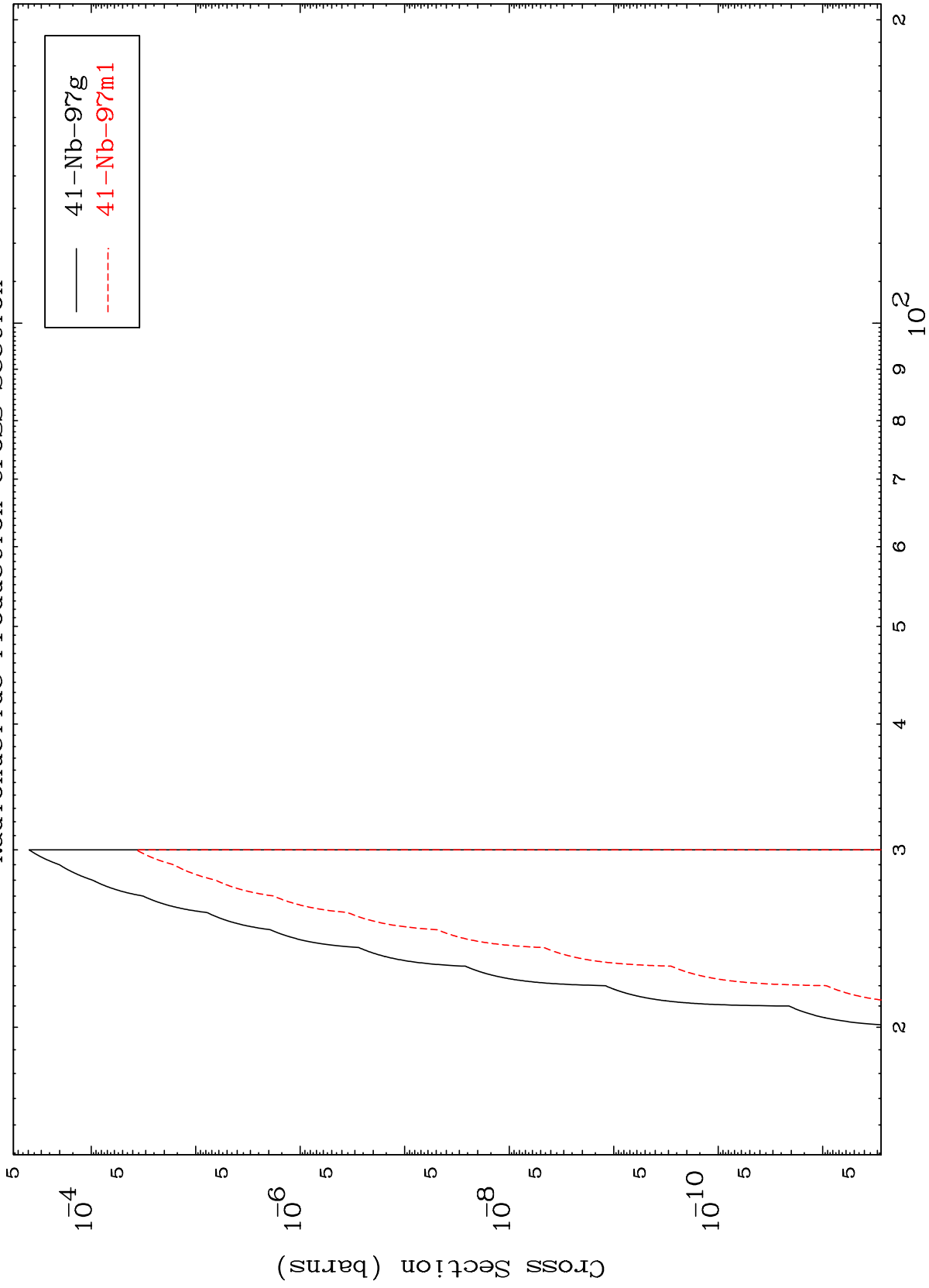
43-Tc-100

MAT 4328

(n, n') He-3

43-Tc-100

Radionuclide Production Cross Section



121

Incident Energy (MeV)

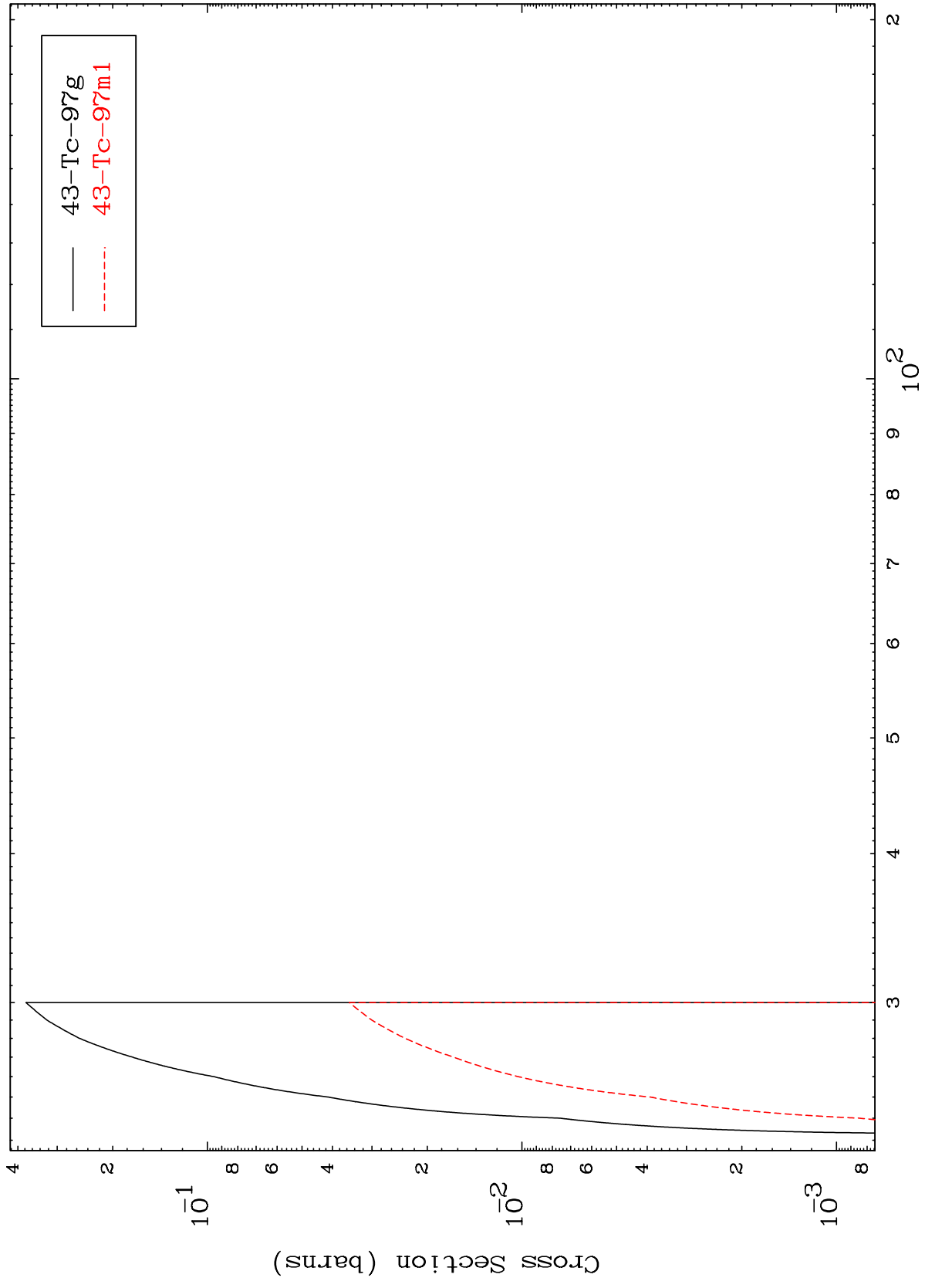
43-Tc-100

MAT 4328

(n,4n)

43-Tc-100

Radionuclide Production Cross Section



43-Tc-97g
43-Tc-97m1

122

Incident Energy (MeV)

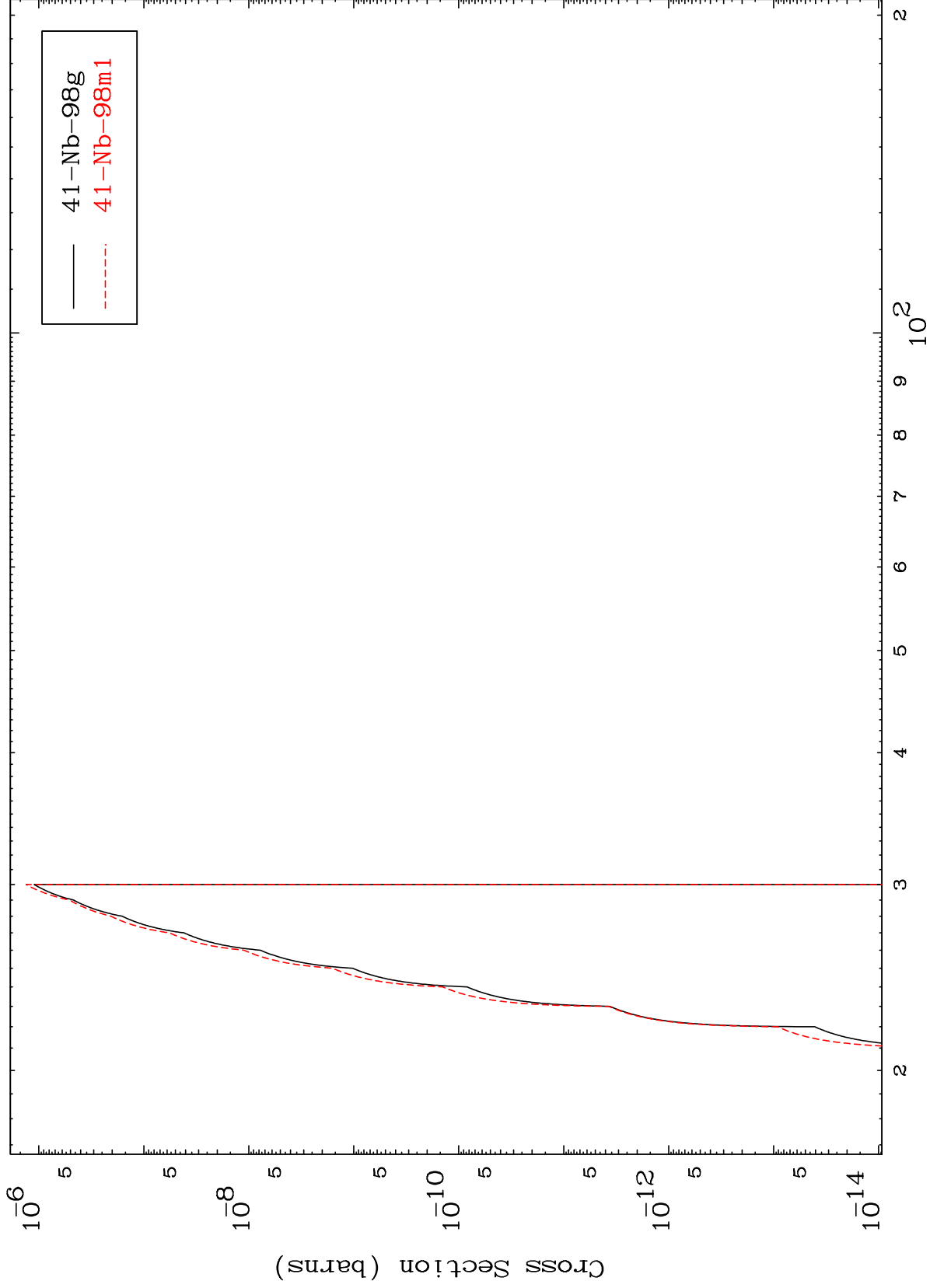
43-Tc-100

MAT 4328

(n,2n) p

43-Tc-100

Radionuclide Production Cross Section



123

Incident Energy (MeV)

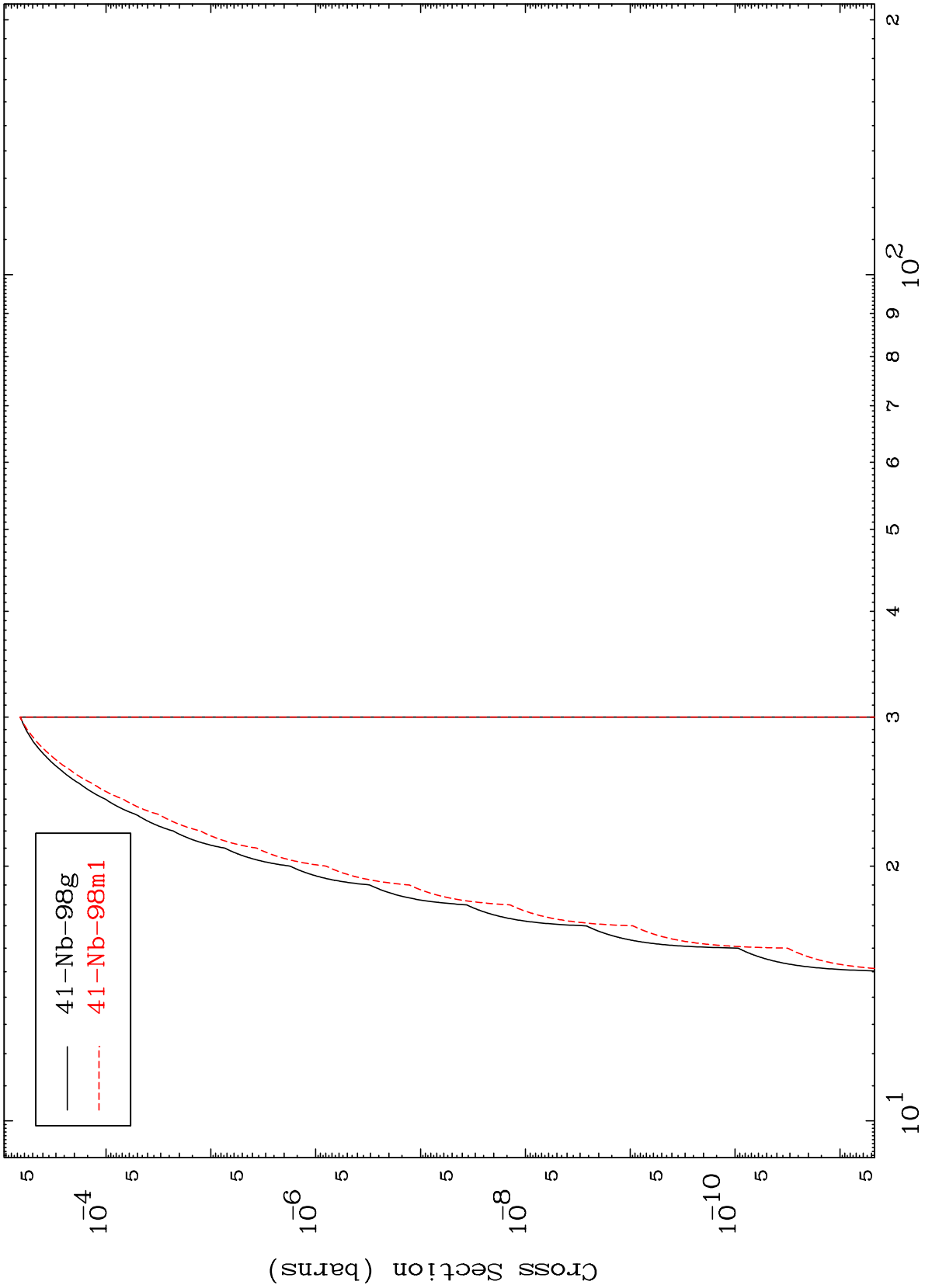
43-Tc-100

MAT 4328

(n, He-3)

43-Tc-100

Radionuclide Production Cross Section



124

Incident Energy (MeV)

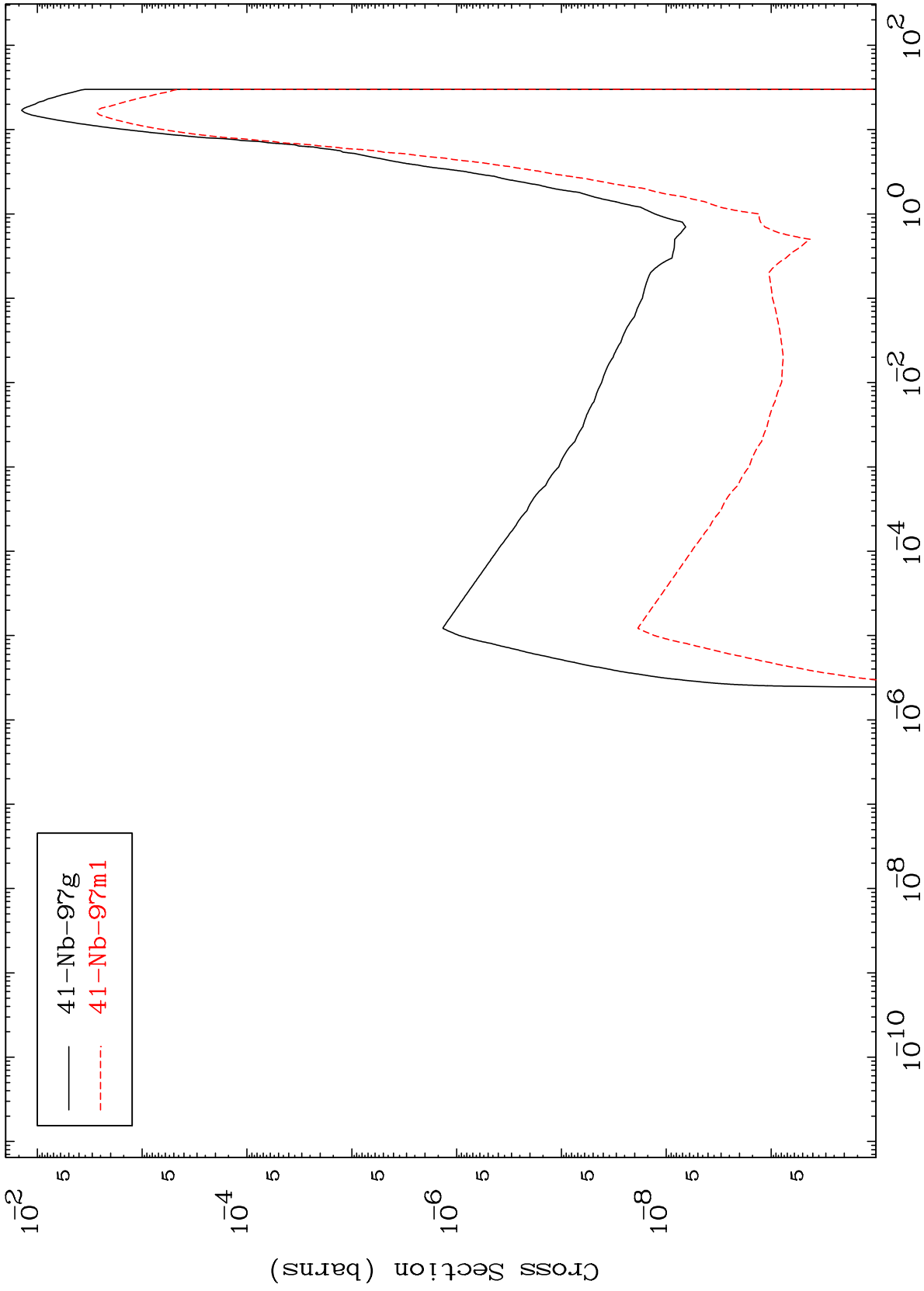
43-Tc-100

MAT 4328

(n, α)

43-Tc-100

Radionuclide Production Cross Section



41-Nb-97g
41-Nb-97m1

125

Incident Energy (MeV)

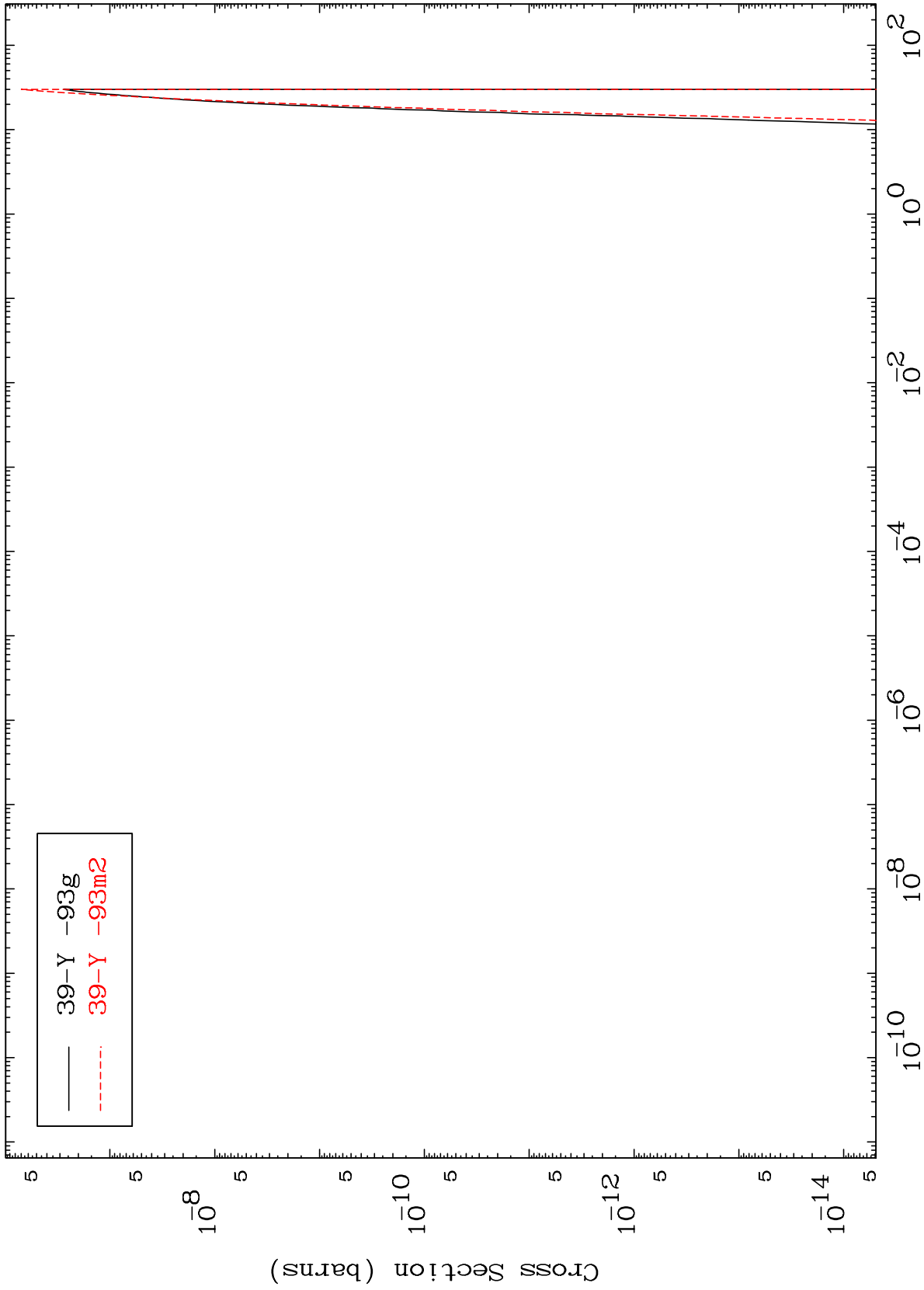
43-Tc-100

MAT 4328

(n,2α)

43-Tc-100

Radionuclide Production Cross Section



126

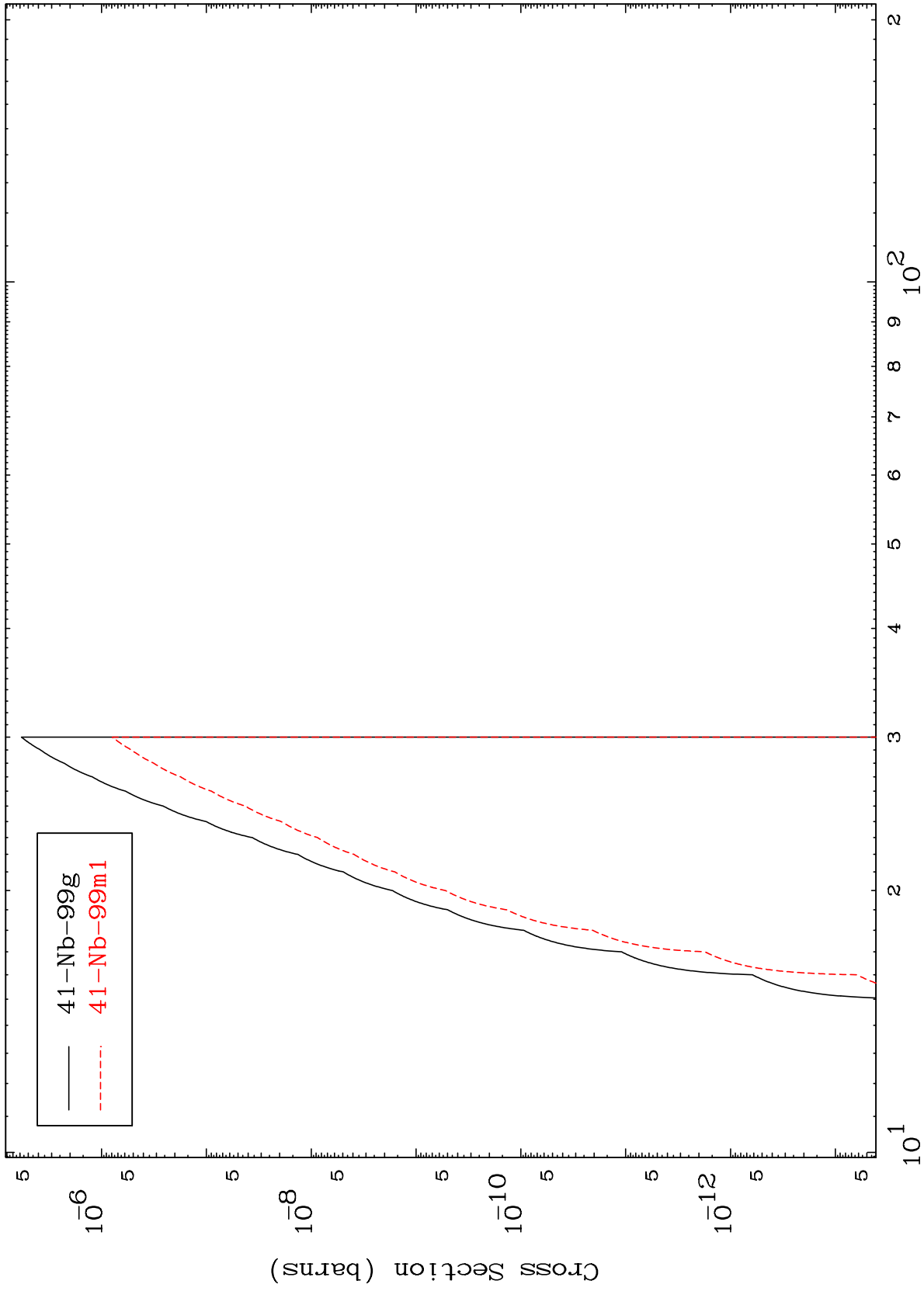
Incident Energy (MeV)

43-Tc-100

MAT 4328

43-Tc-100

(n,2p)
Radionuclide Production Cross Section

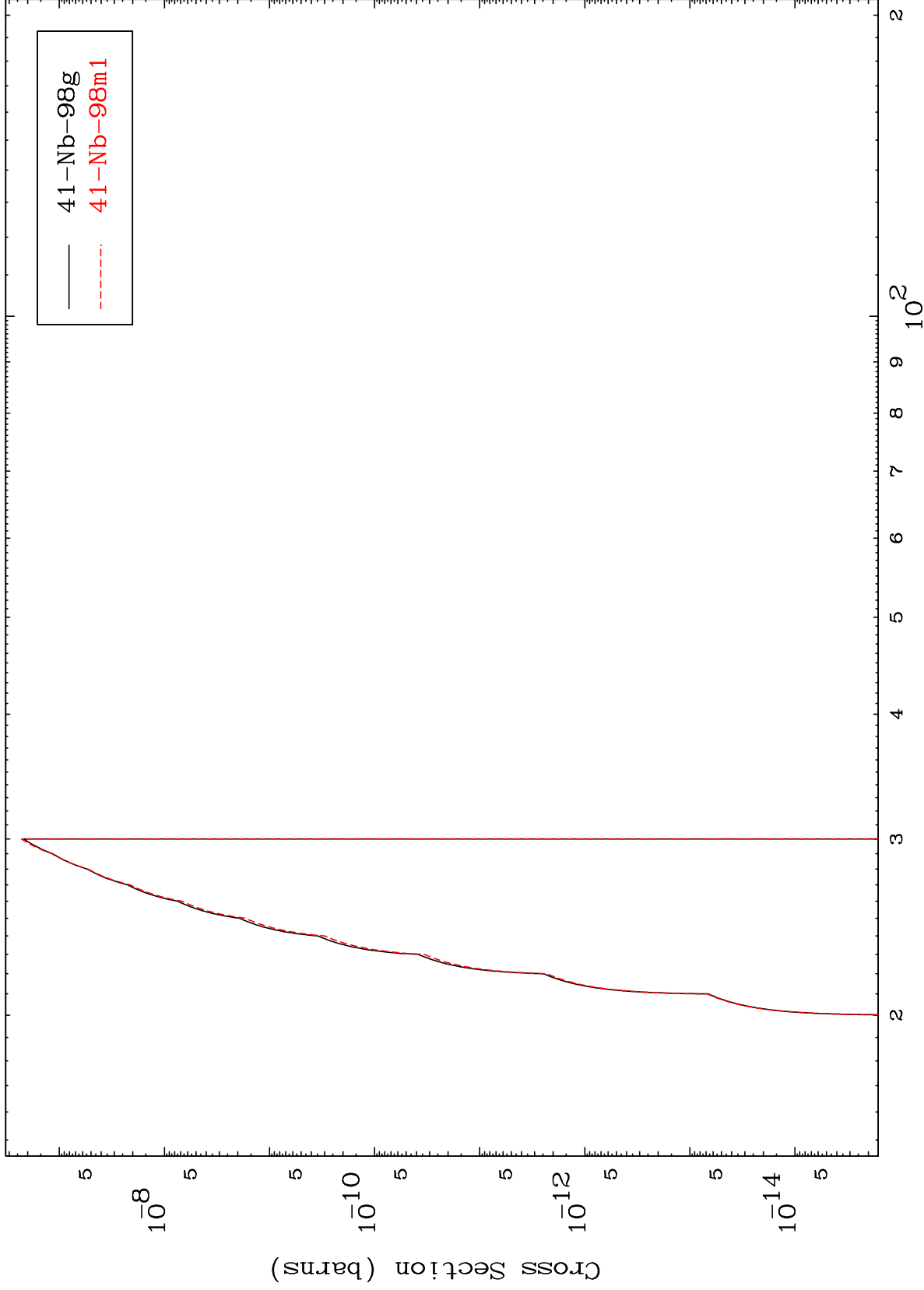


MAT 4328

(n,p) d

43-Tc-100

Radionuclide Production Cross Section



128

Incident Energy (MeV)

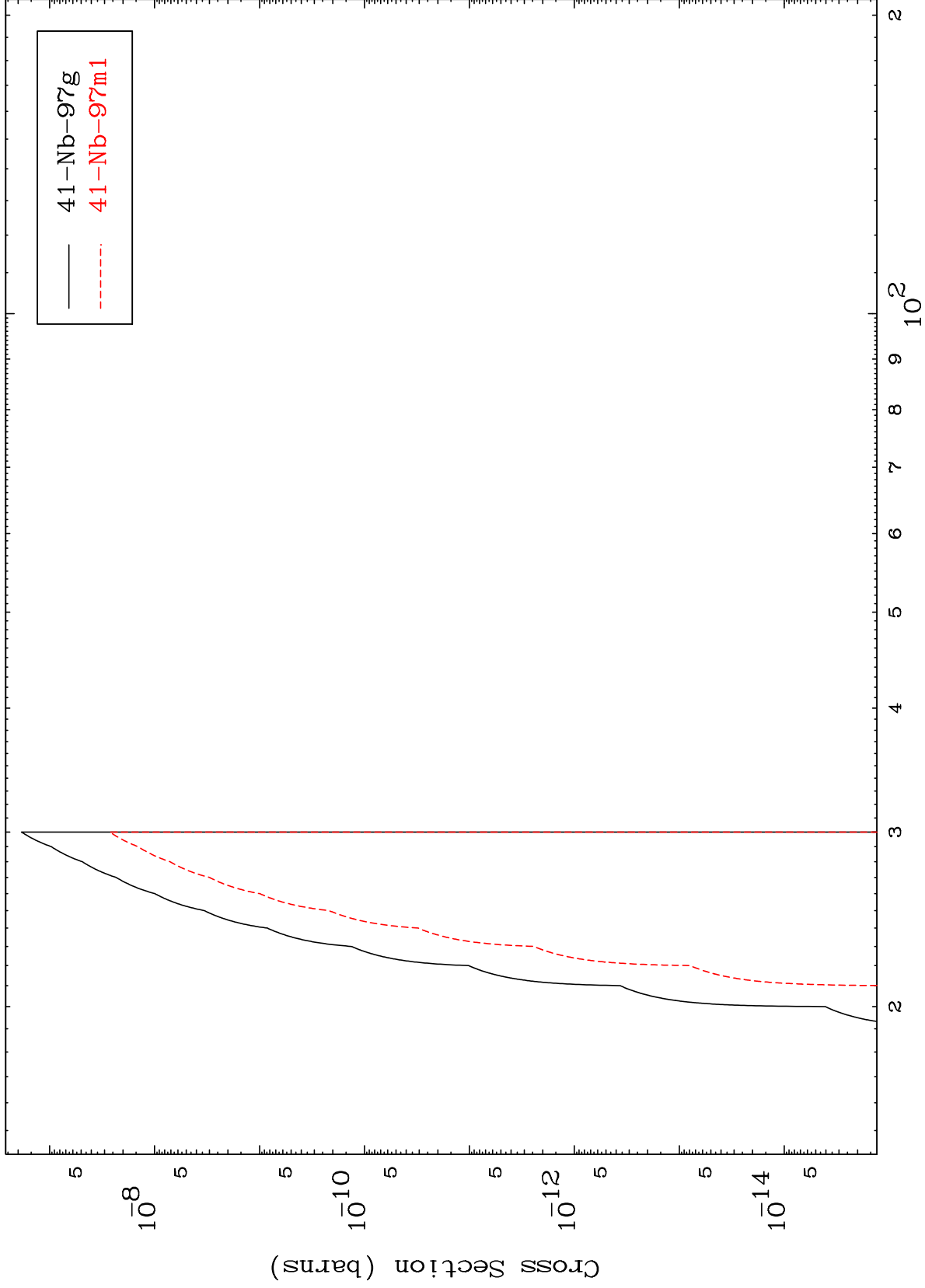
43-Tc-100

MAT 4328

(n,p) t

43-Tc-100

Radionuclide Production Cross Section



129

Incident Energy (MeV)

43-Tc-100