

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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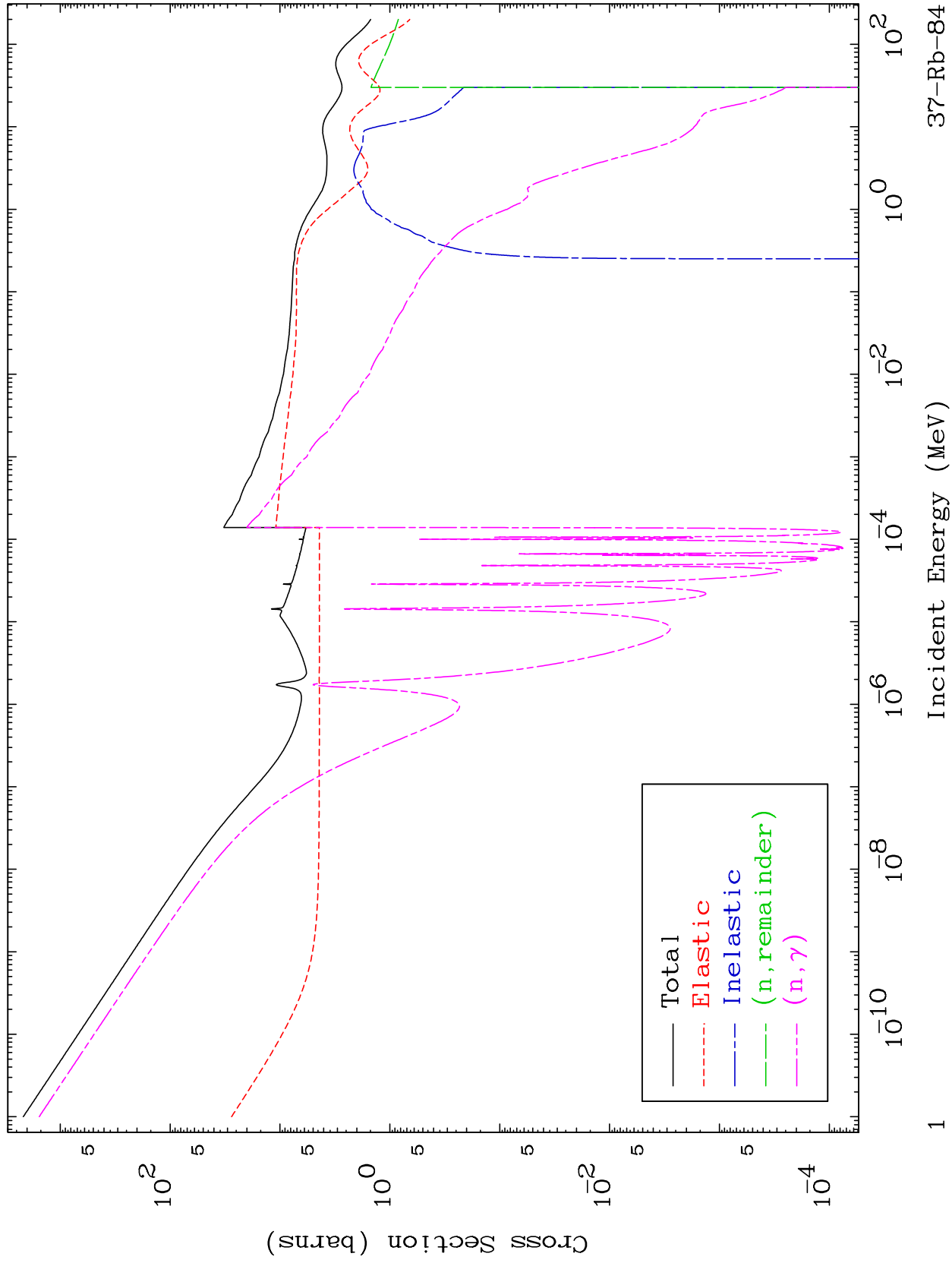
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Web:redcullen1.net/HOMEPAGE.NEW

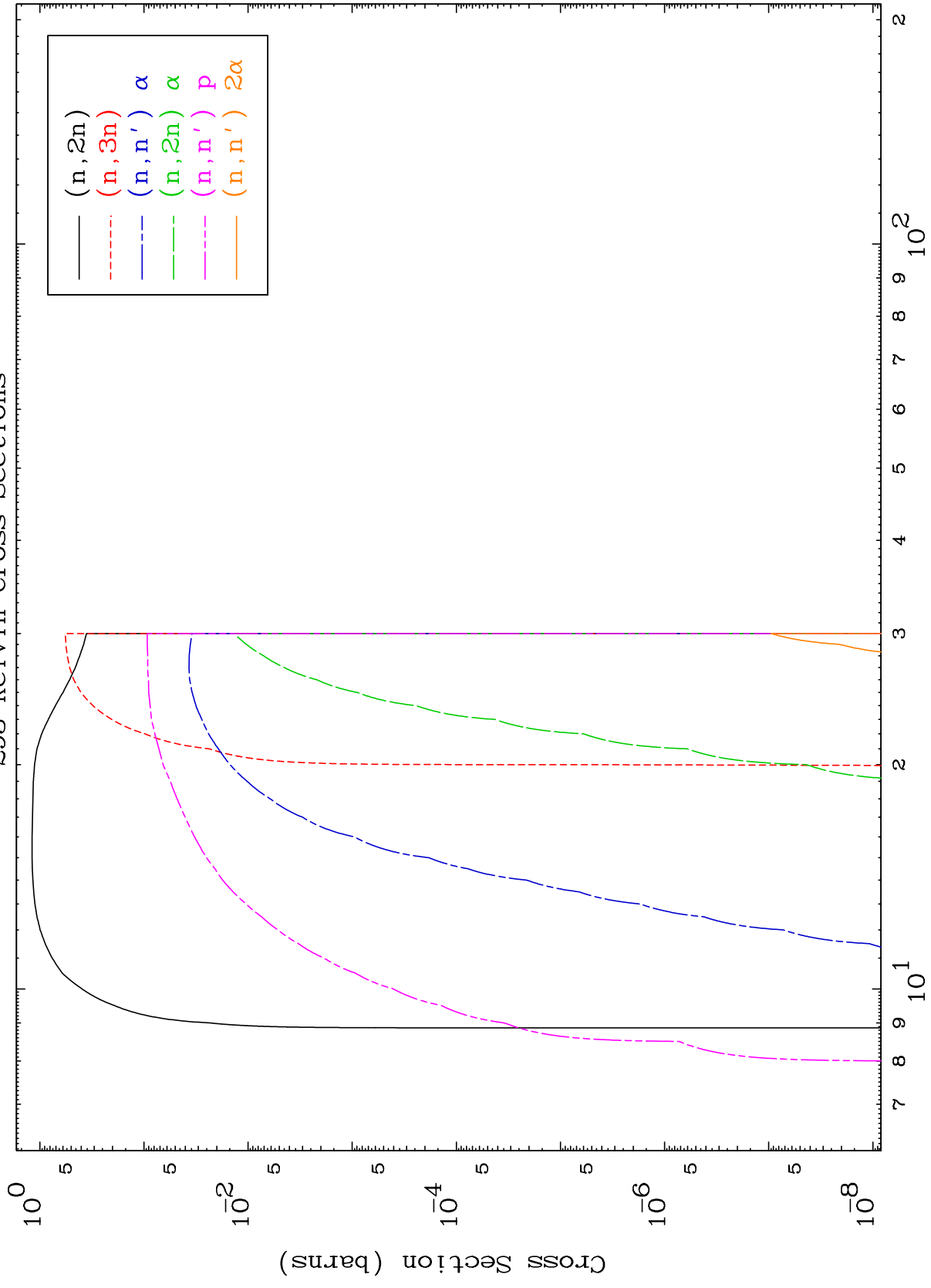
Press Mouse Button to Start

MAT 3722

Major
293 Kelvin Cross Sections

37-Rb-84

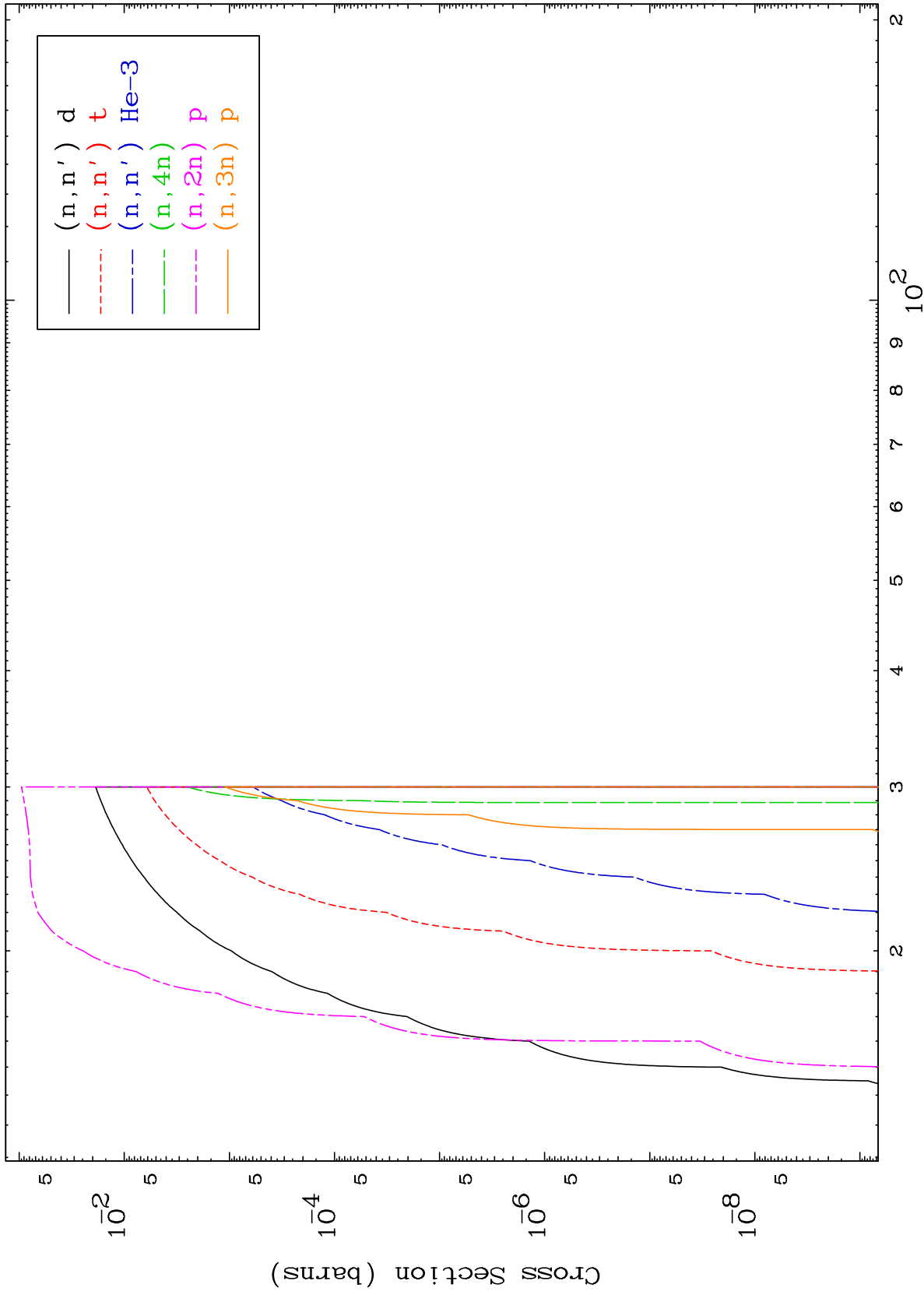




MAT 3722

Neutron Production
293 Kelvin Cross Sections

37-Rb-84



3

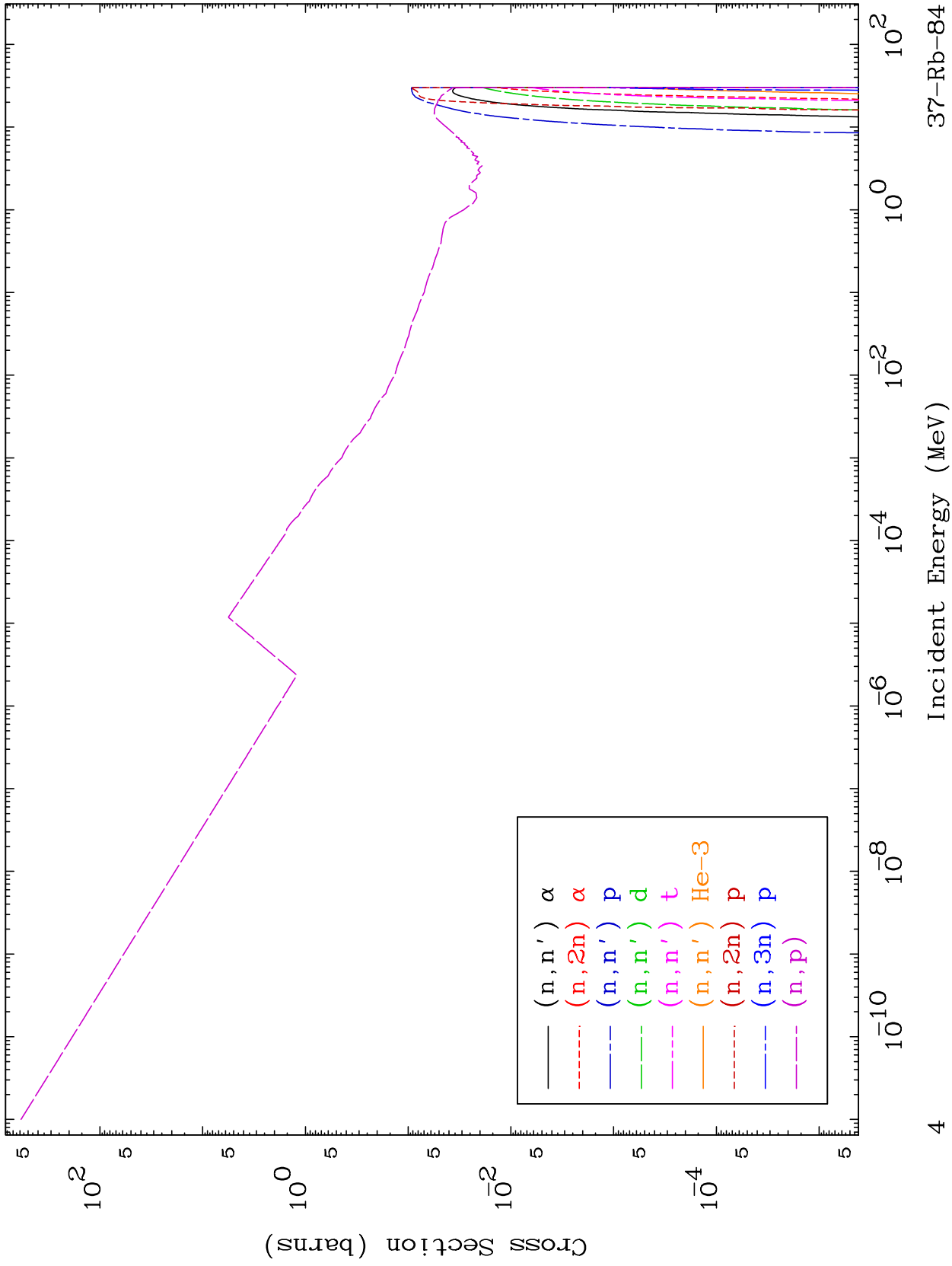
Incident Energy (MeV)

37-Rb-84

MAT 3722

Charged Particle
293 Kelvin Cross Sections

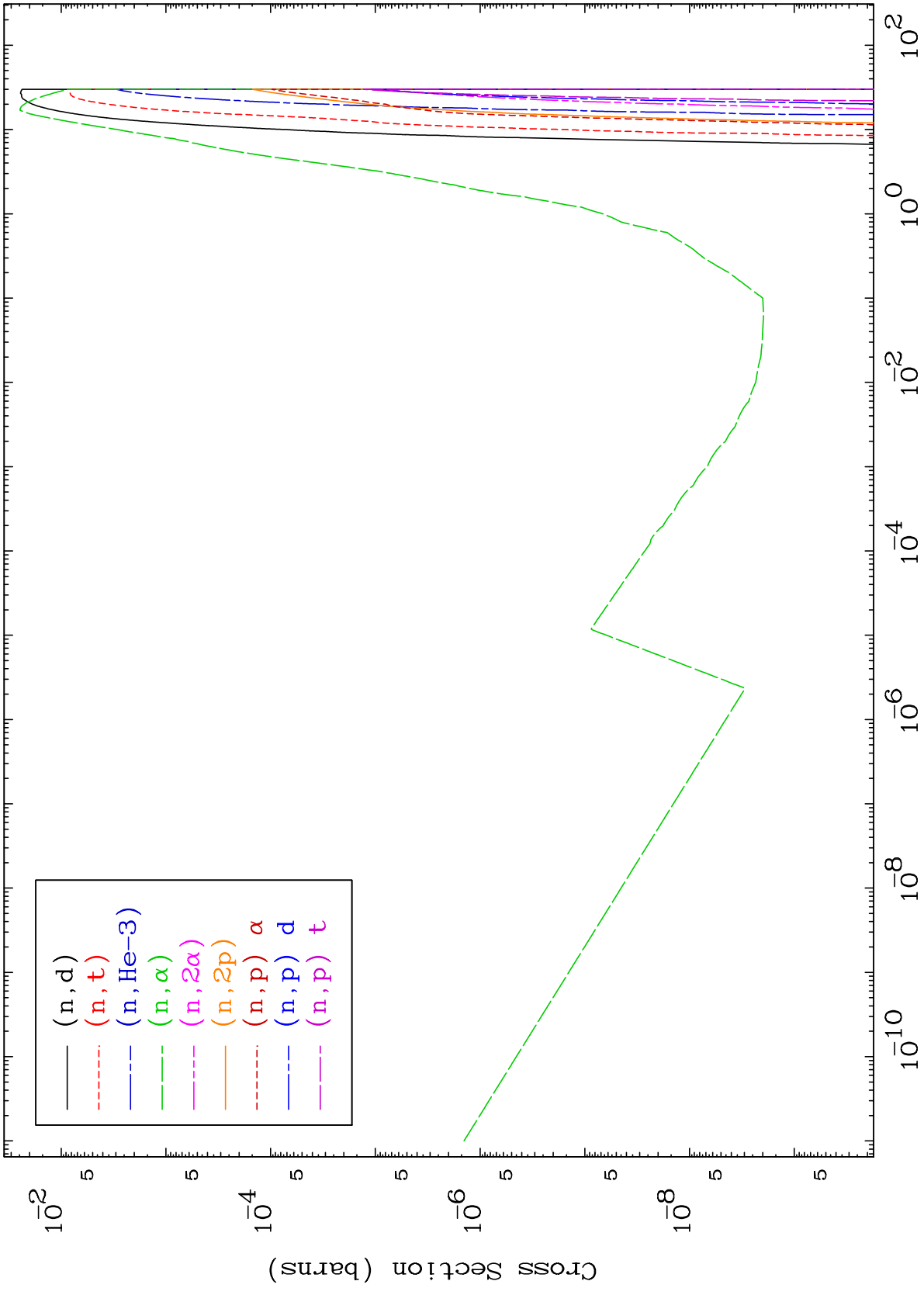
37-Rb-84



MAT 3722

Charged Particle
293 Kelvin Cross Sections

37-Rb-84



5

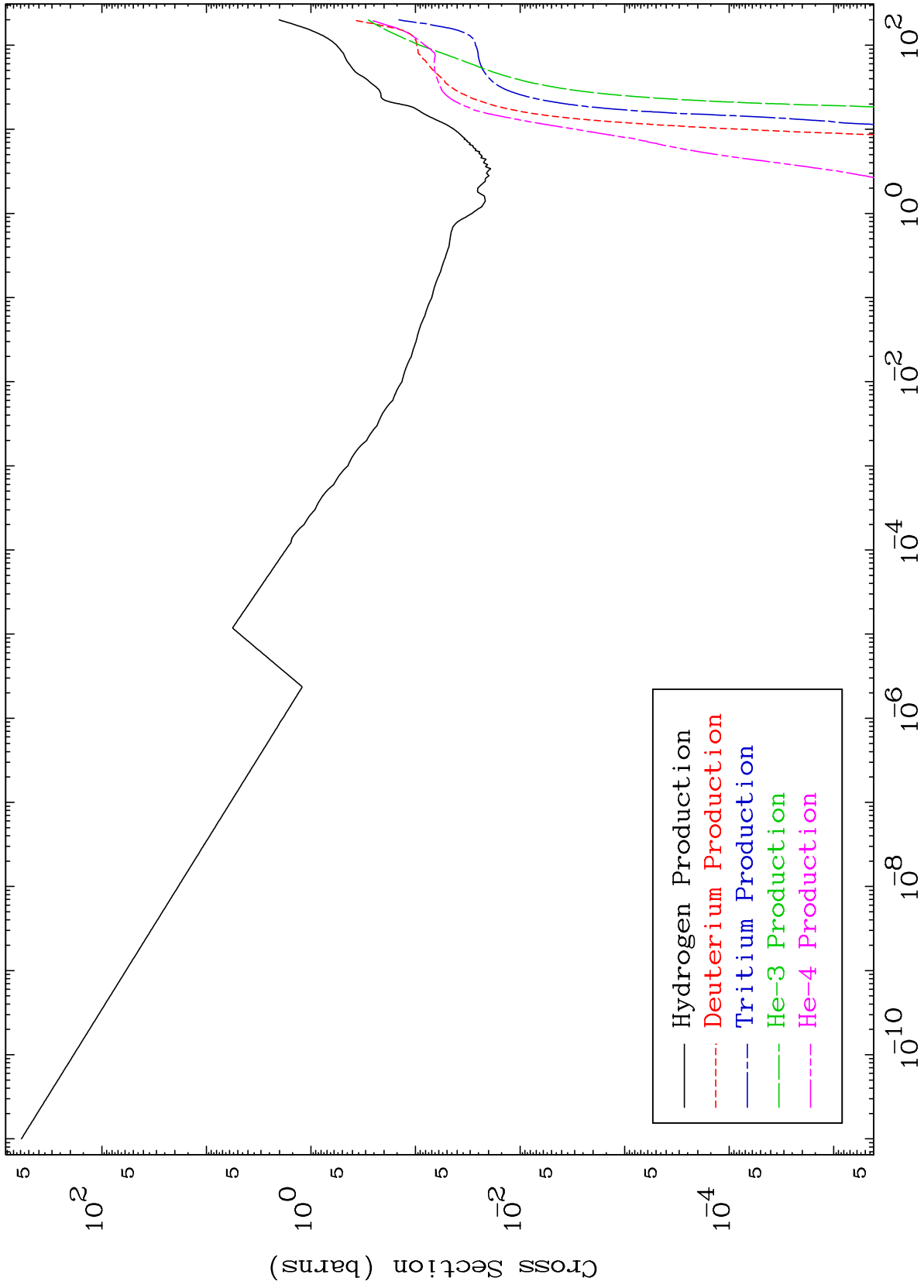
Incident Energy (MeV)

37-Rb-84

MAT 3722

Particle Production
293 Kelvin Cross Sections

37-Rb-84



6

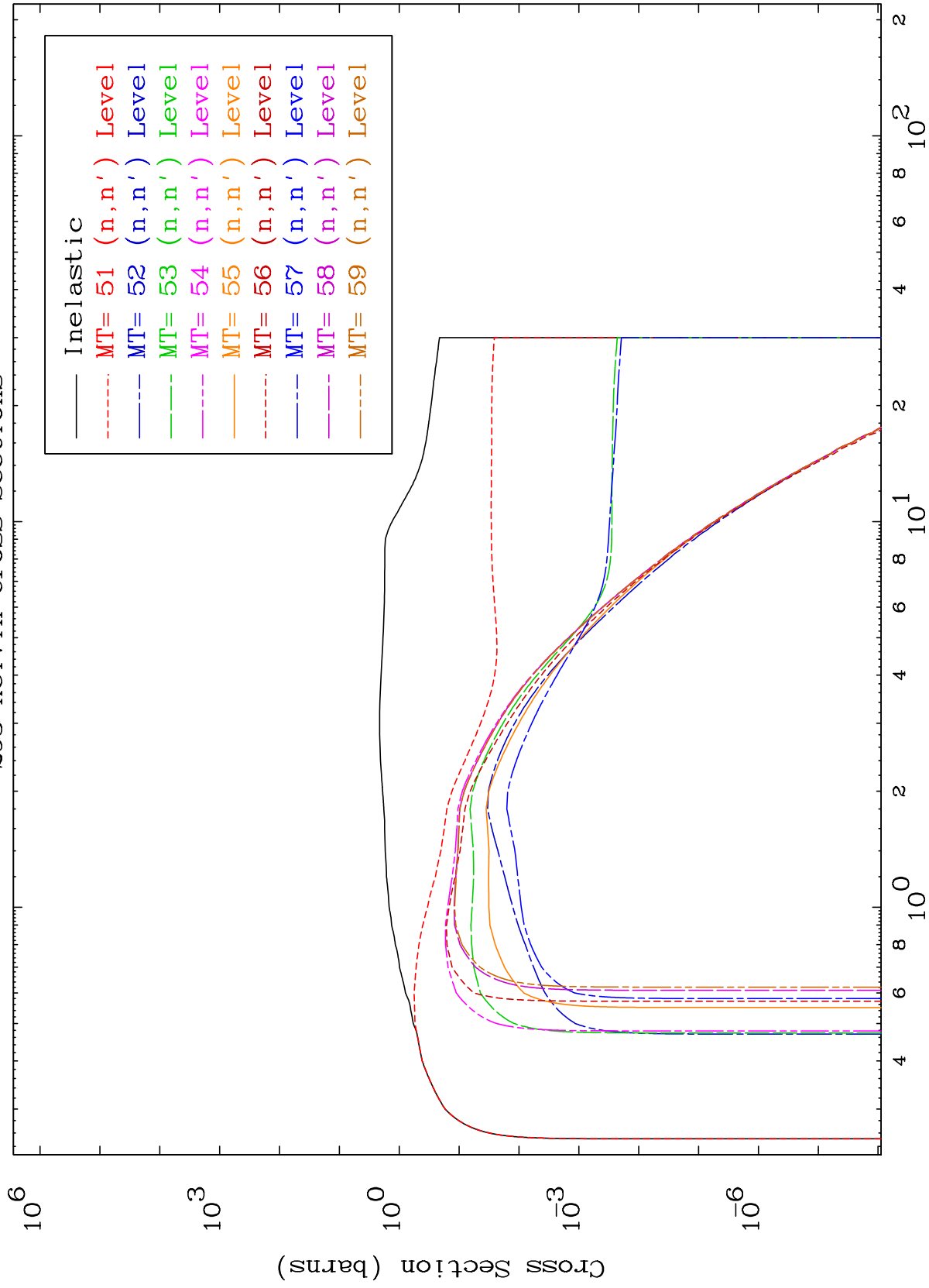
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,n') Level
293 Kelvin Cross Sections

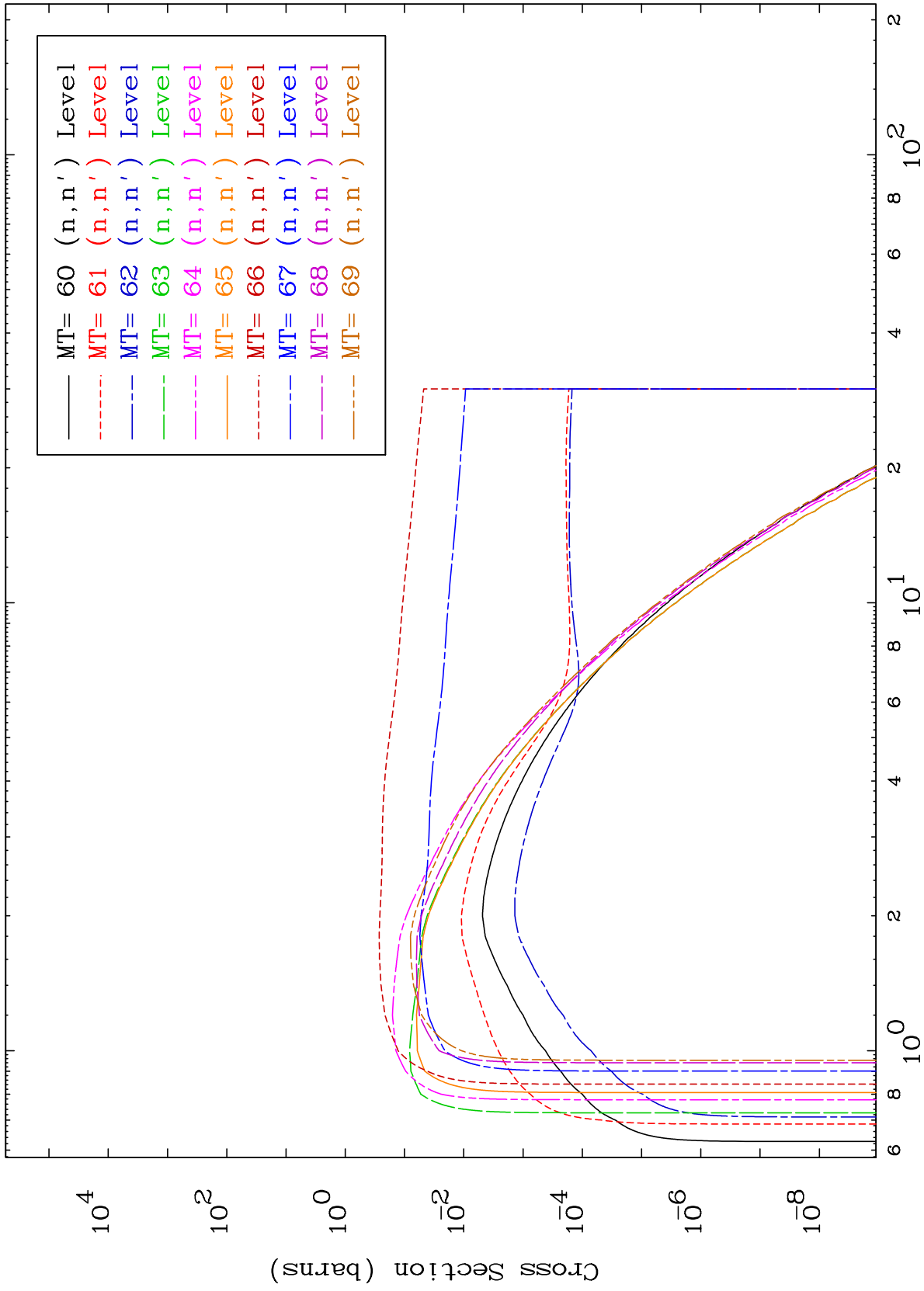
37-Rb-84



MAT 3722

(n,n') Level
293 Kelvin Cross Sections

37-Rb-84



8

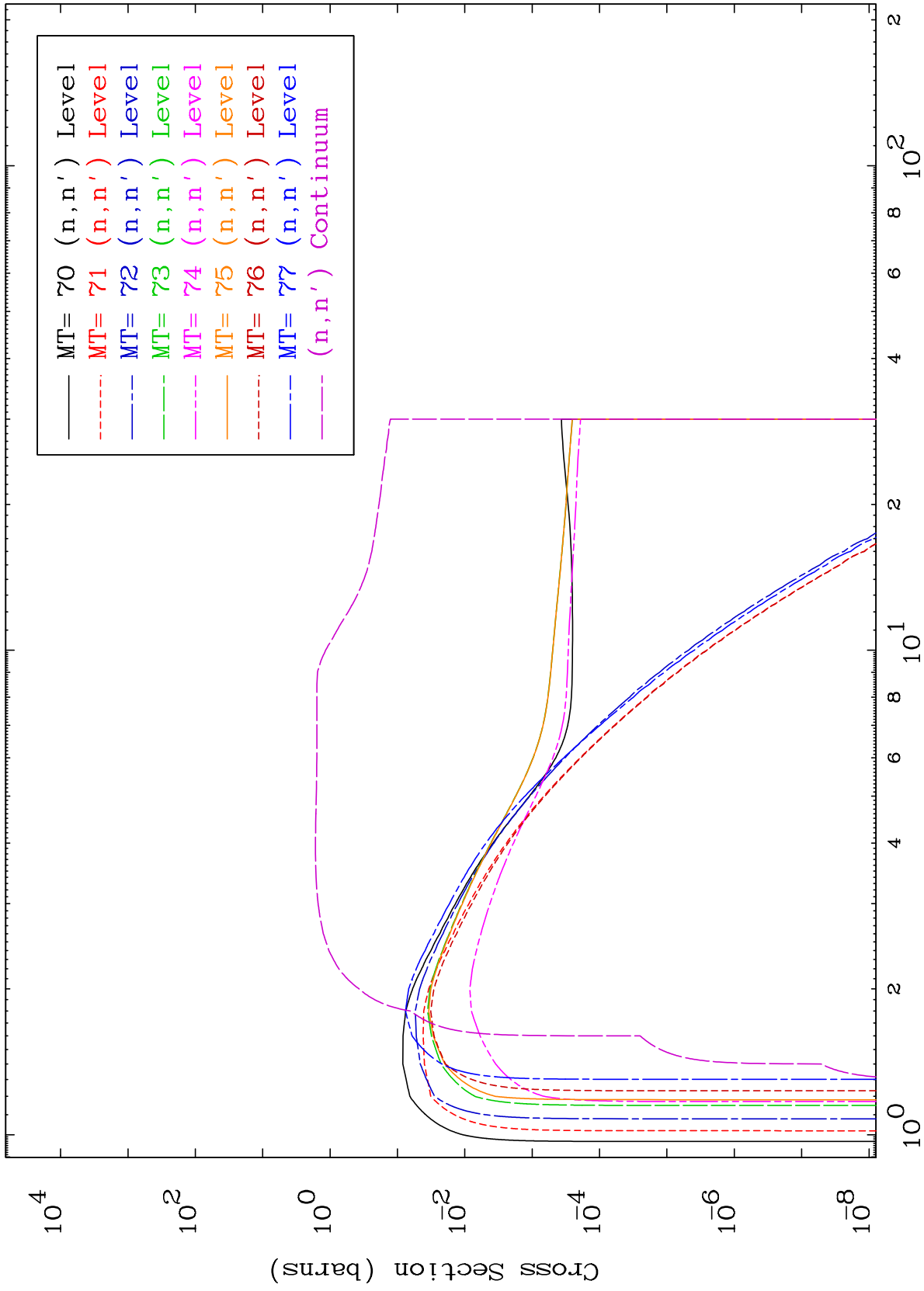
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,n') Level
293 Kelvin Cross Sections

37-Rb-84



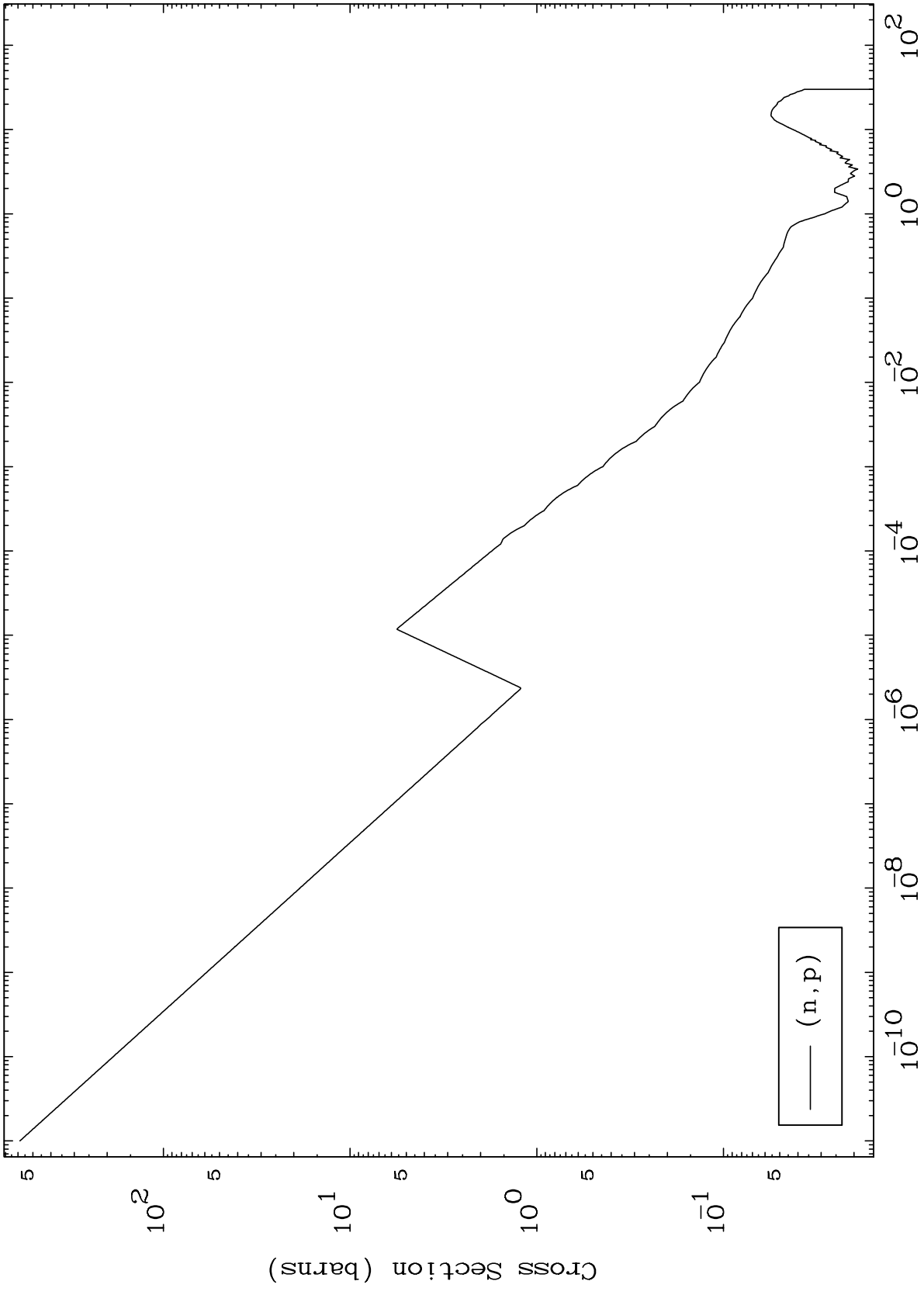
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-84



10

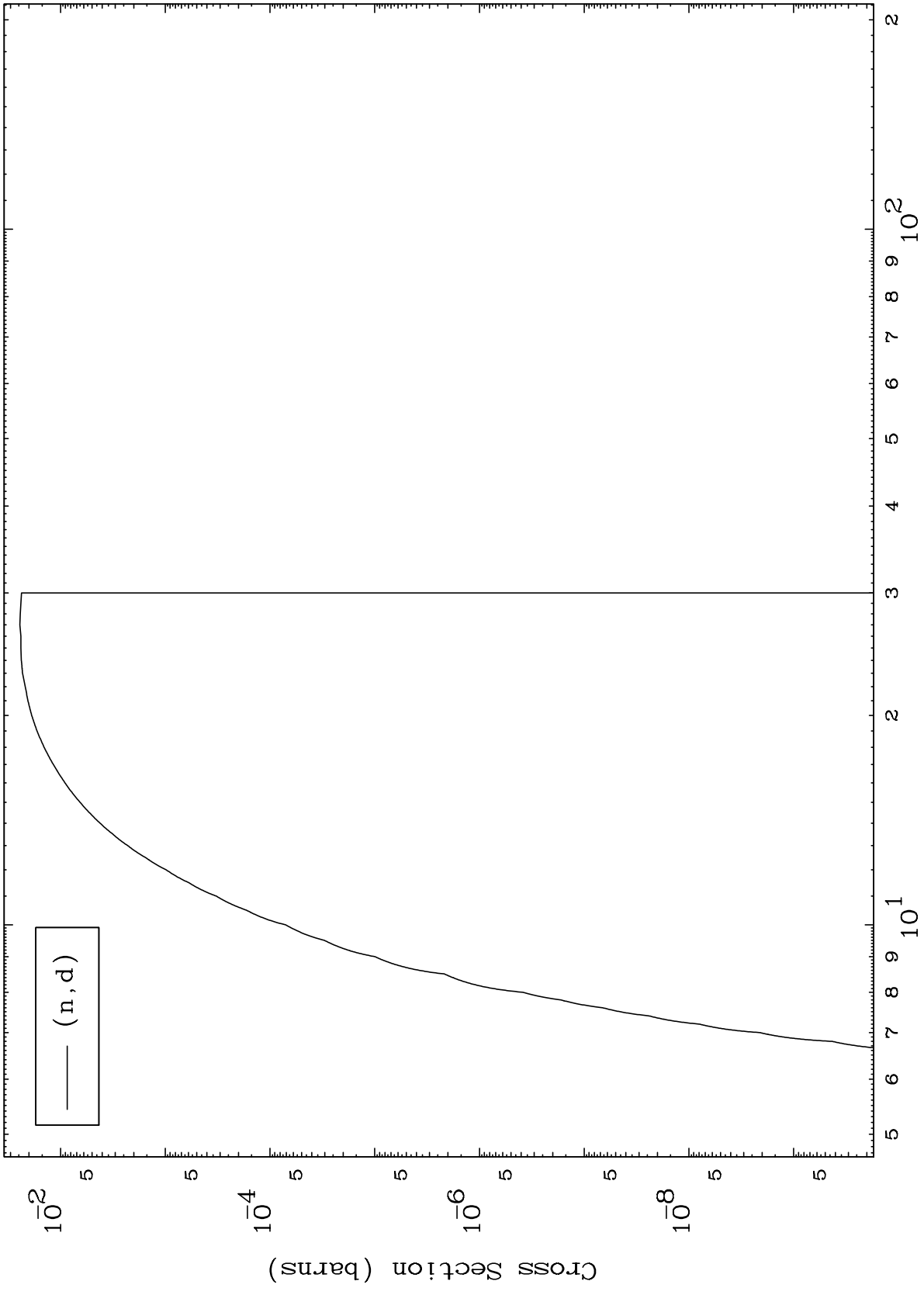
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-84



11

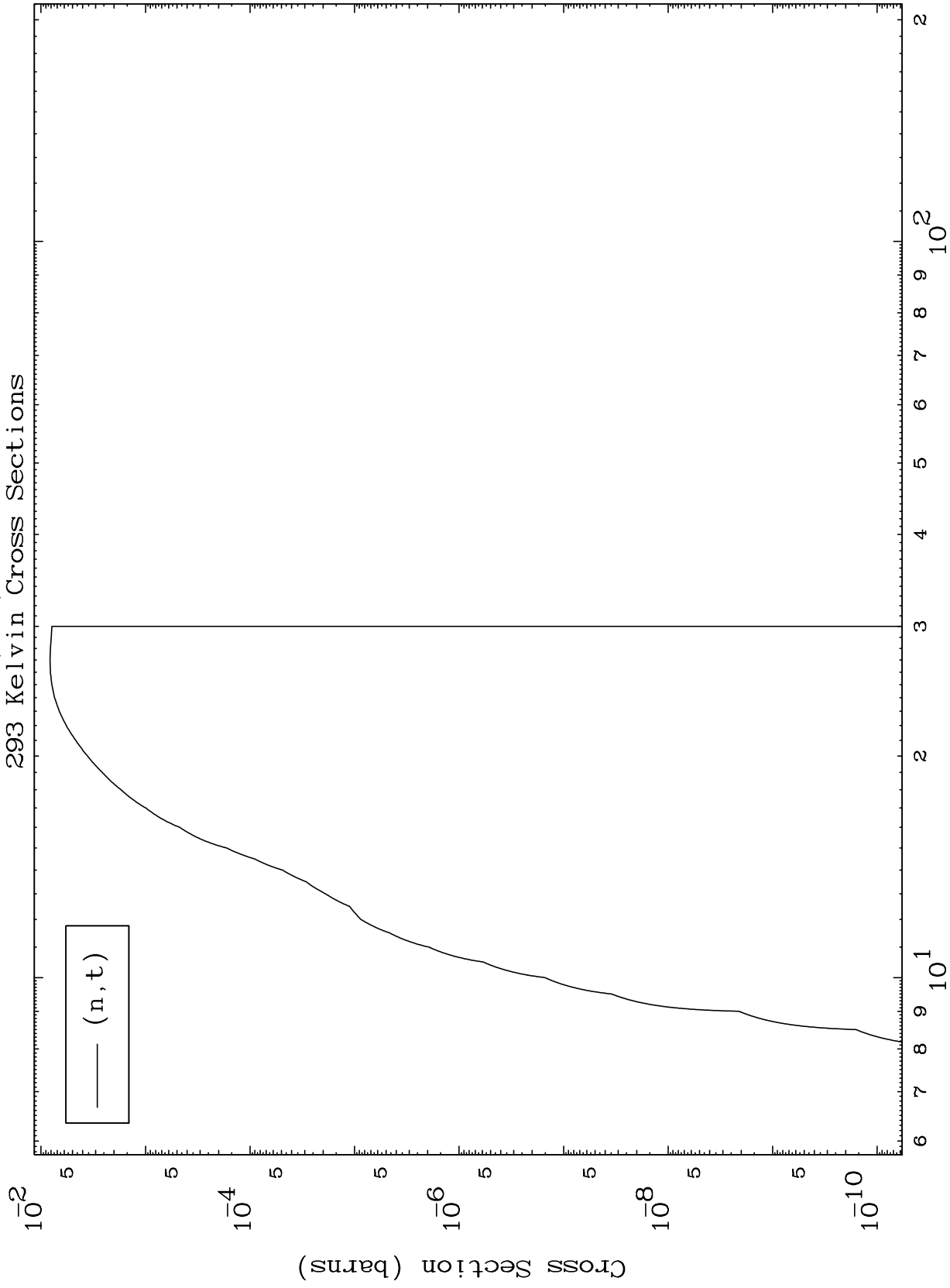
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-84



12

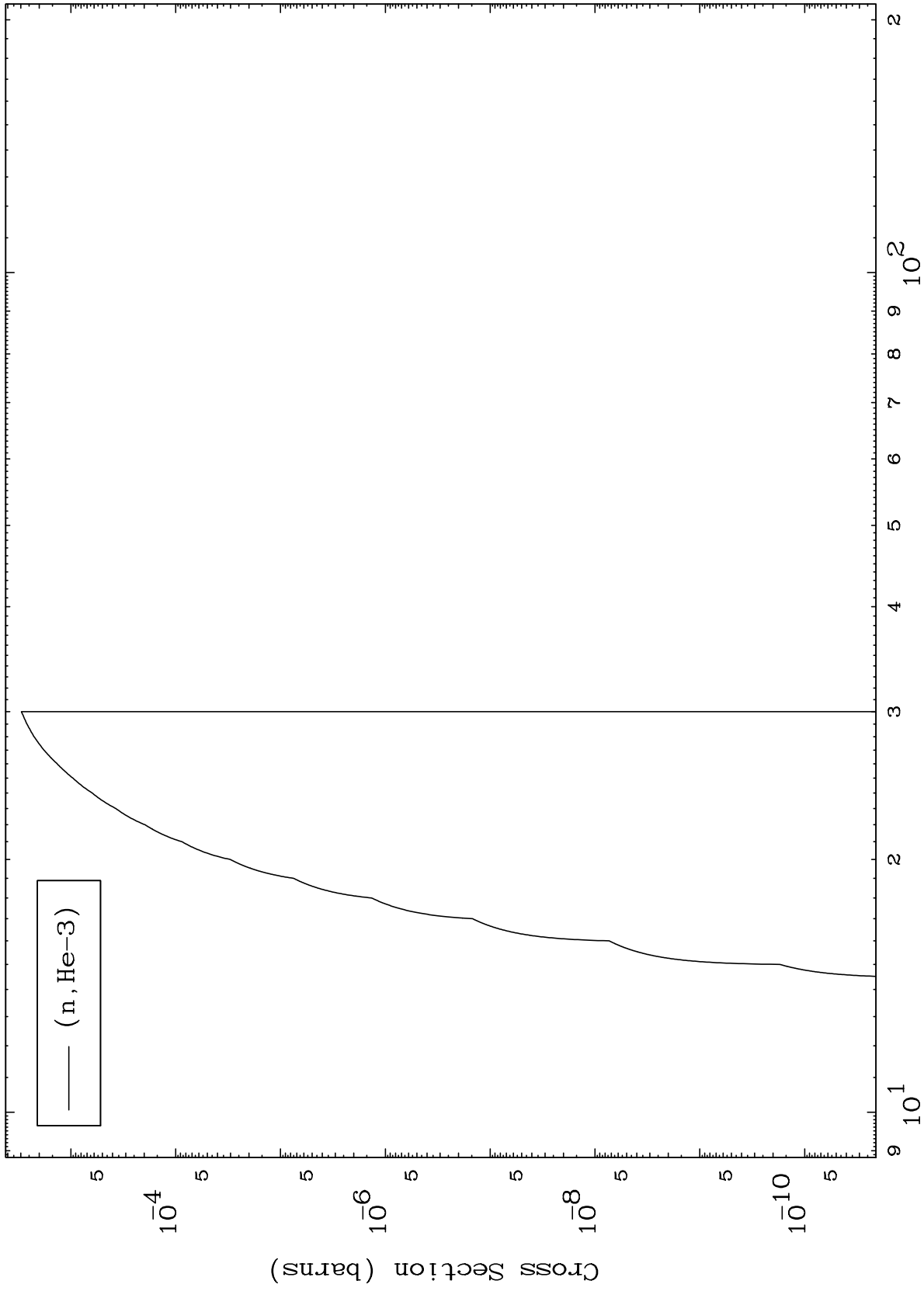
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-84



13

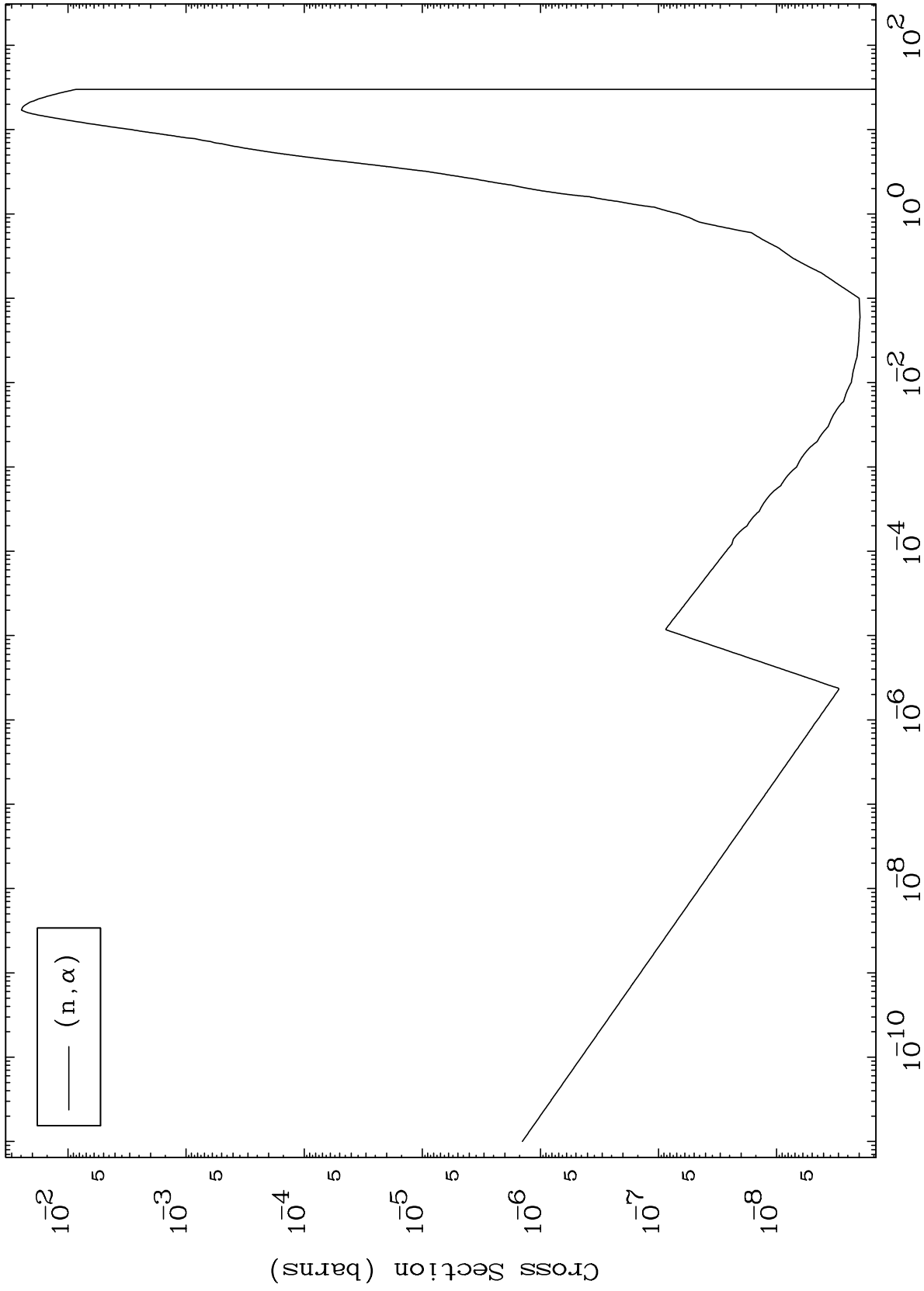
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,α) Levels
293 Kelvin Cross Sections

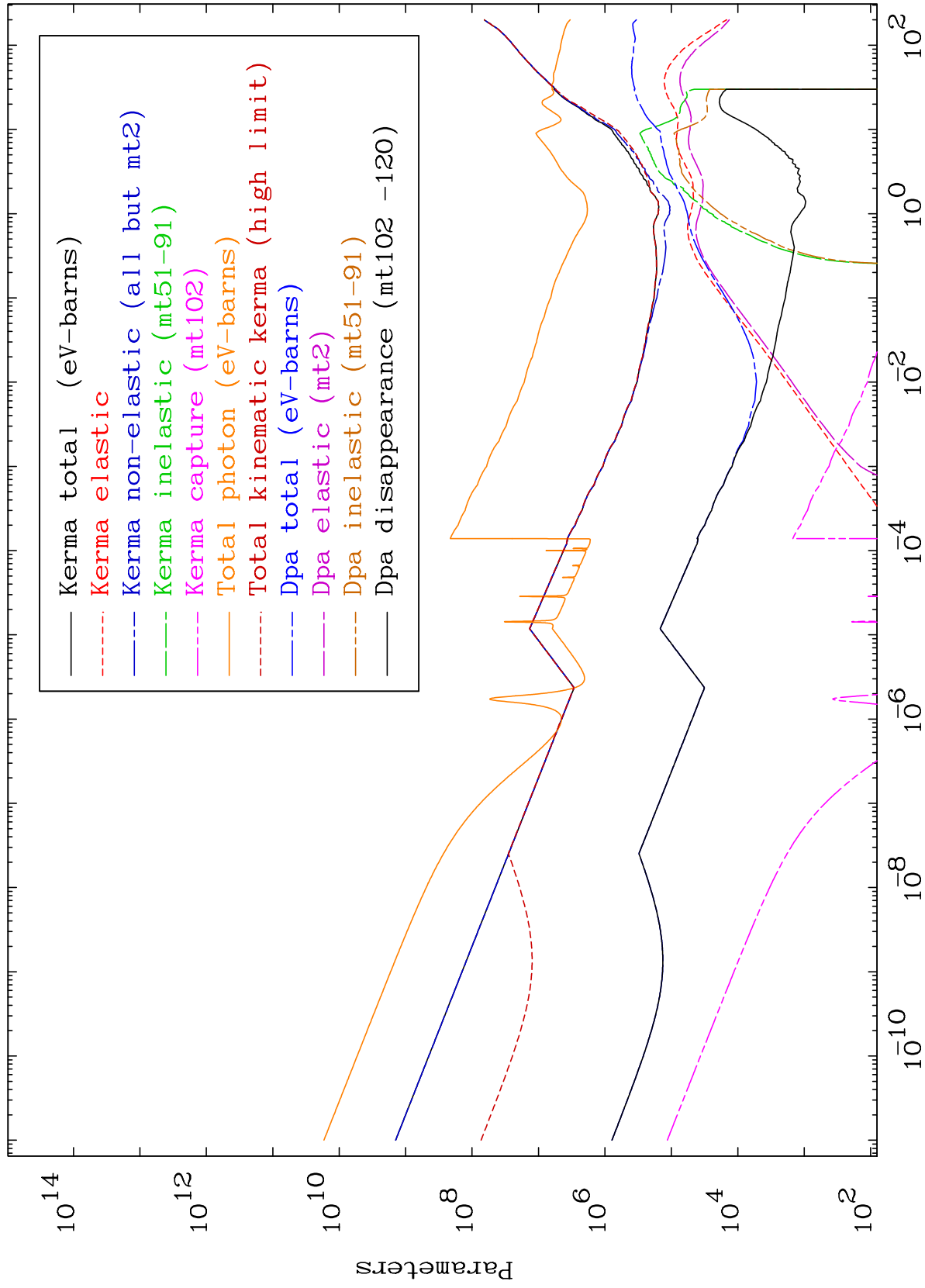
37-Rb-84



14

Incident Energy (MeV)

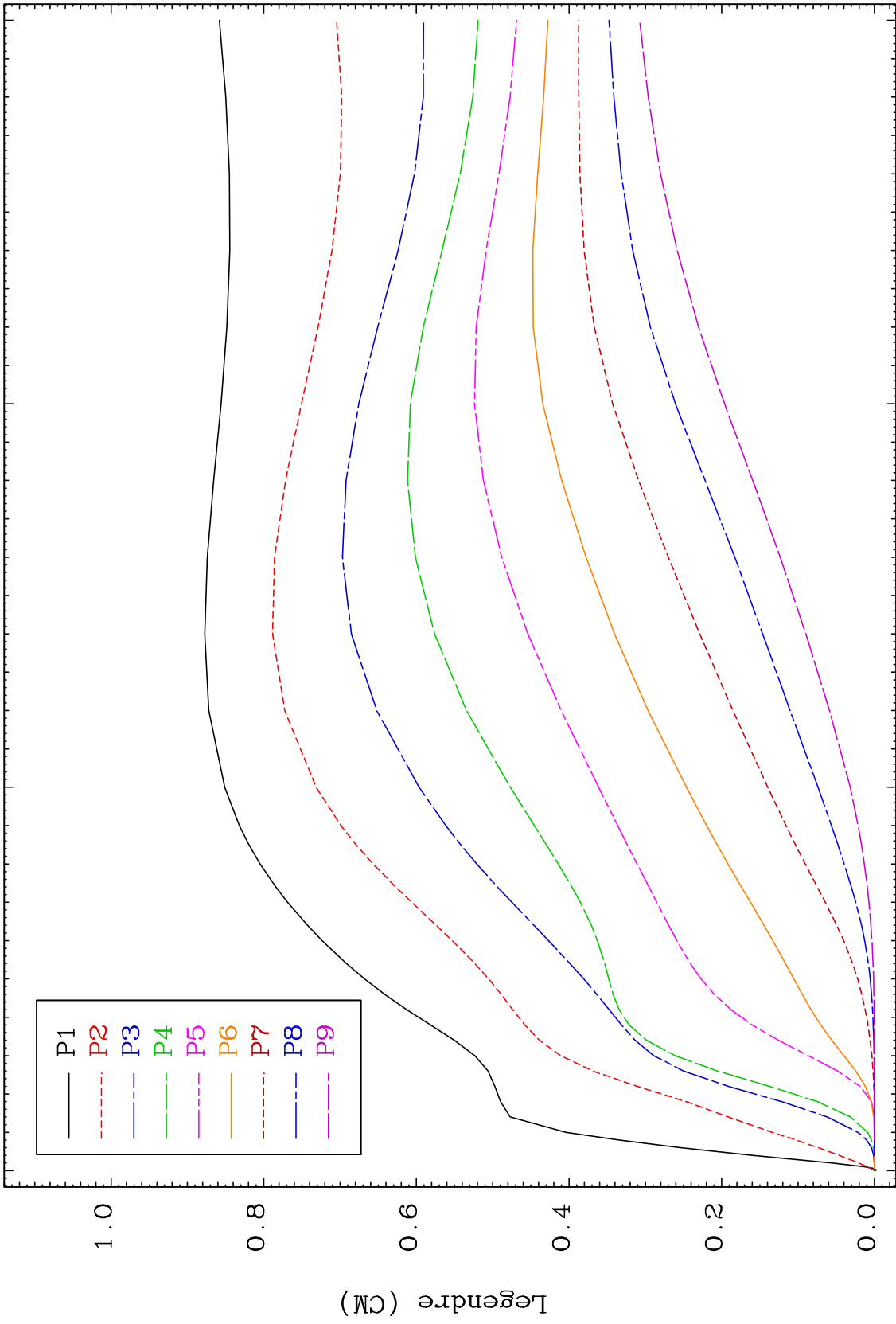
37-Rb-84



MAT 3722

Elastic Legendre Coefficients

37-Rb-84



16

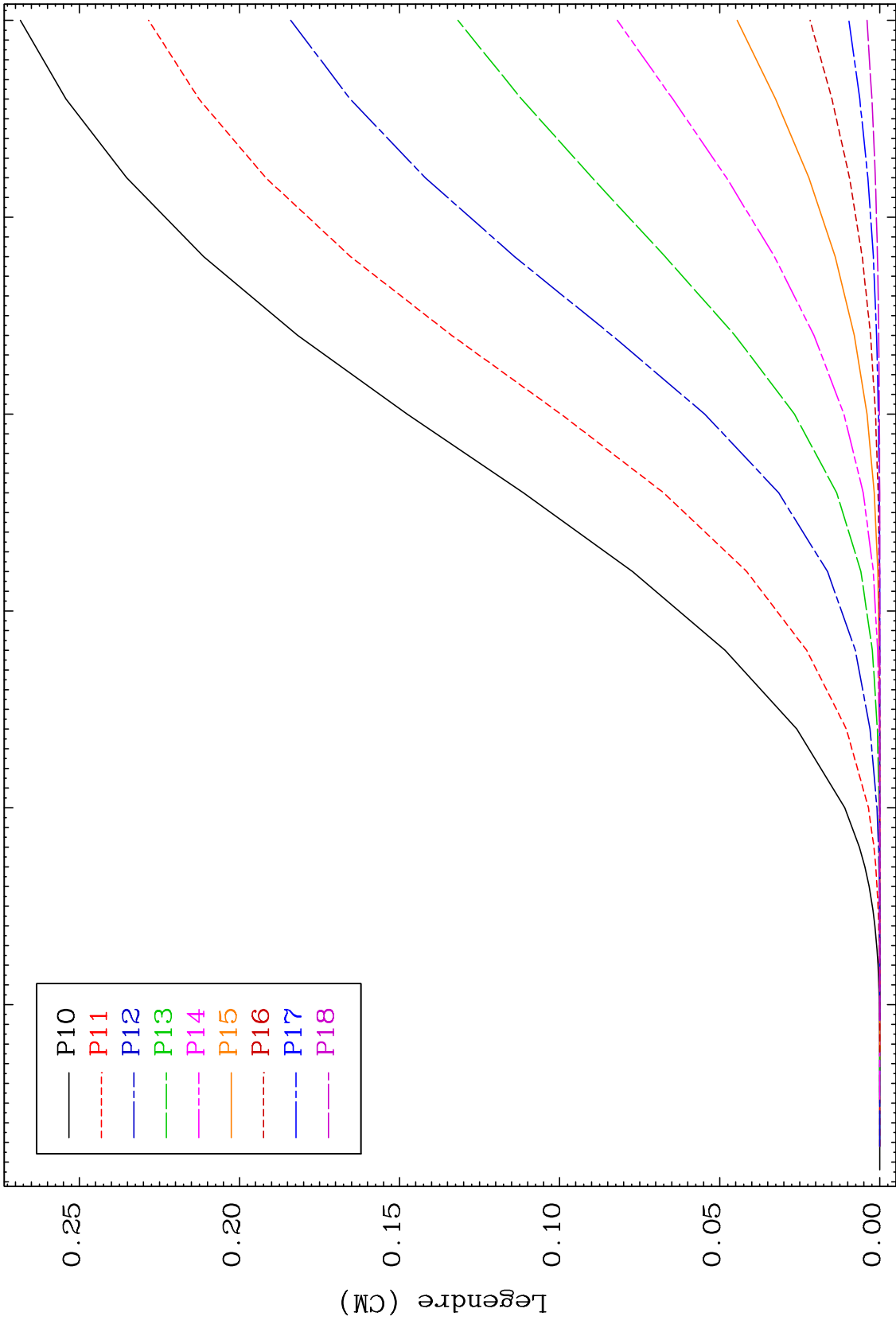
Incident Energy (MeV)

37-Rb-84

MAT 3722

Elastic Legendre Coefficients

37-Rb-84



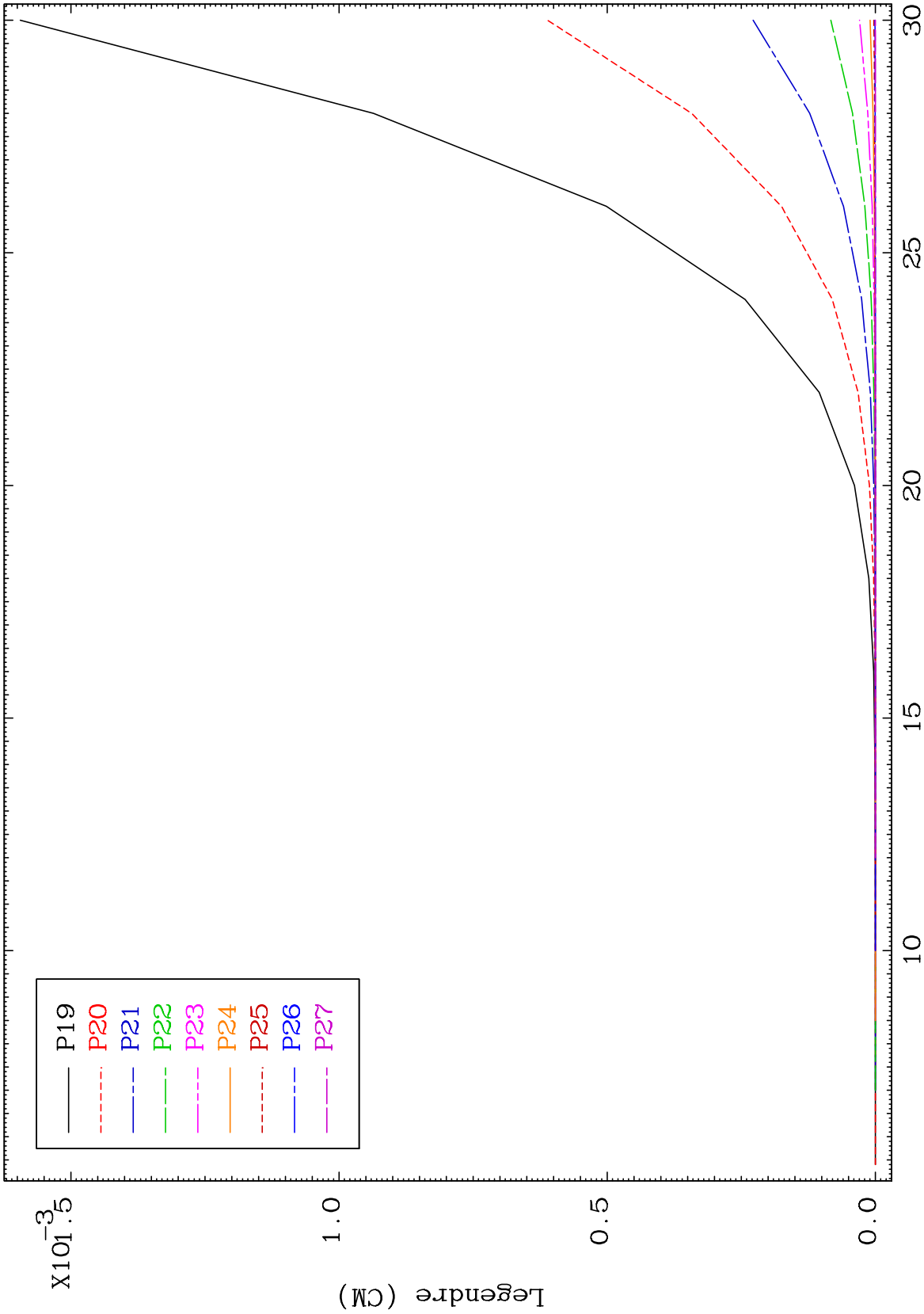
17

37-Rb-84

MAT 3722

Elastic Legendre Coefficients

37-Rb-84



18

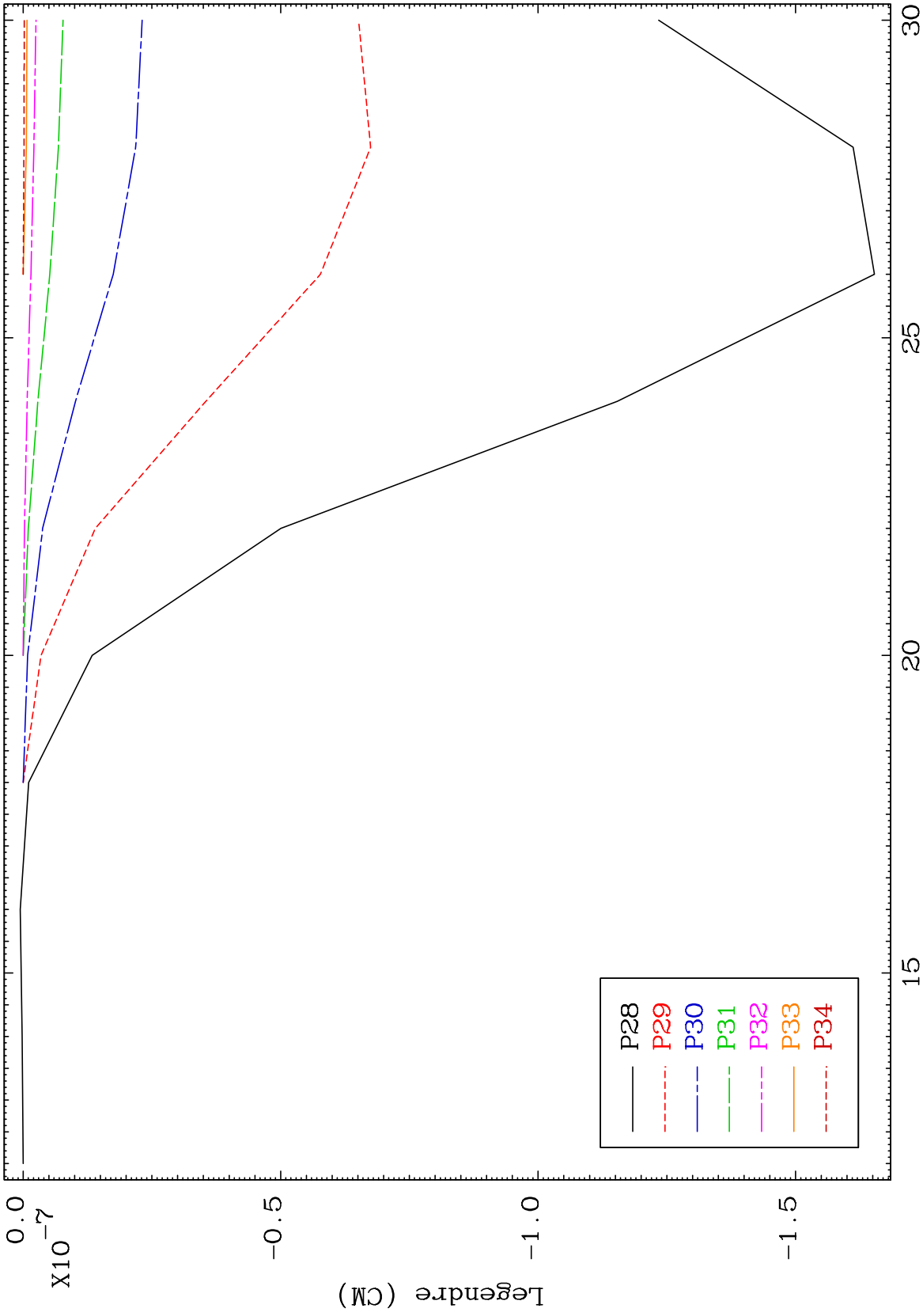
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

Elastic Legendre Coefficients



19

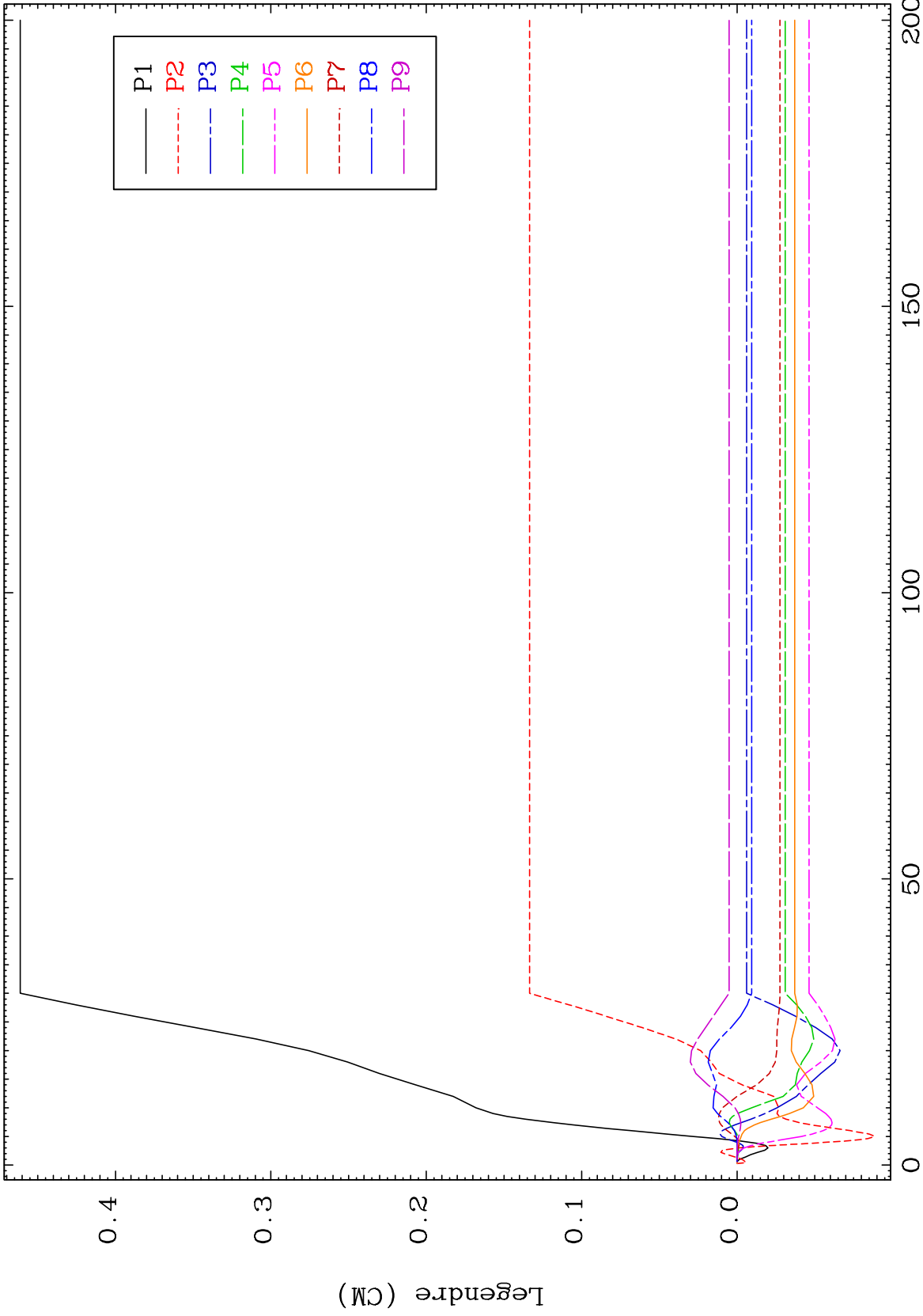
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



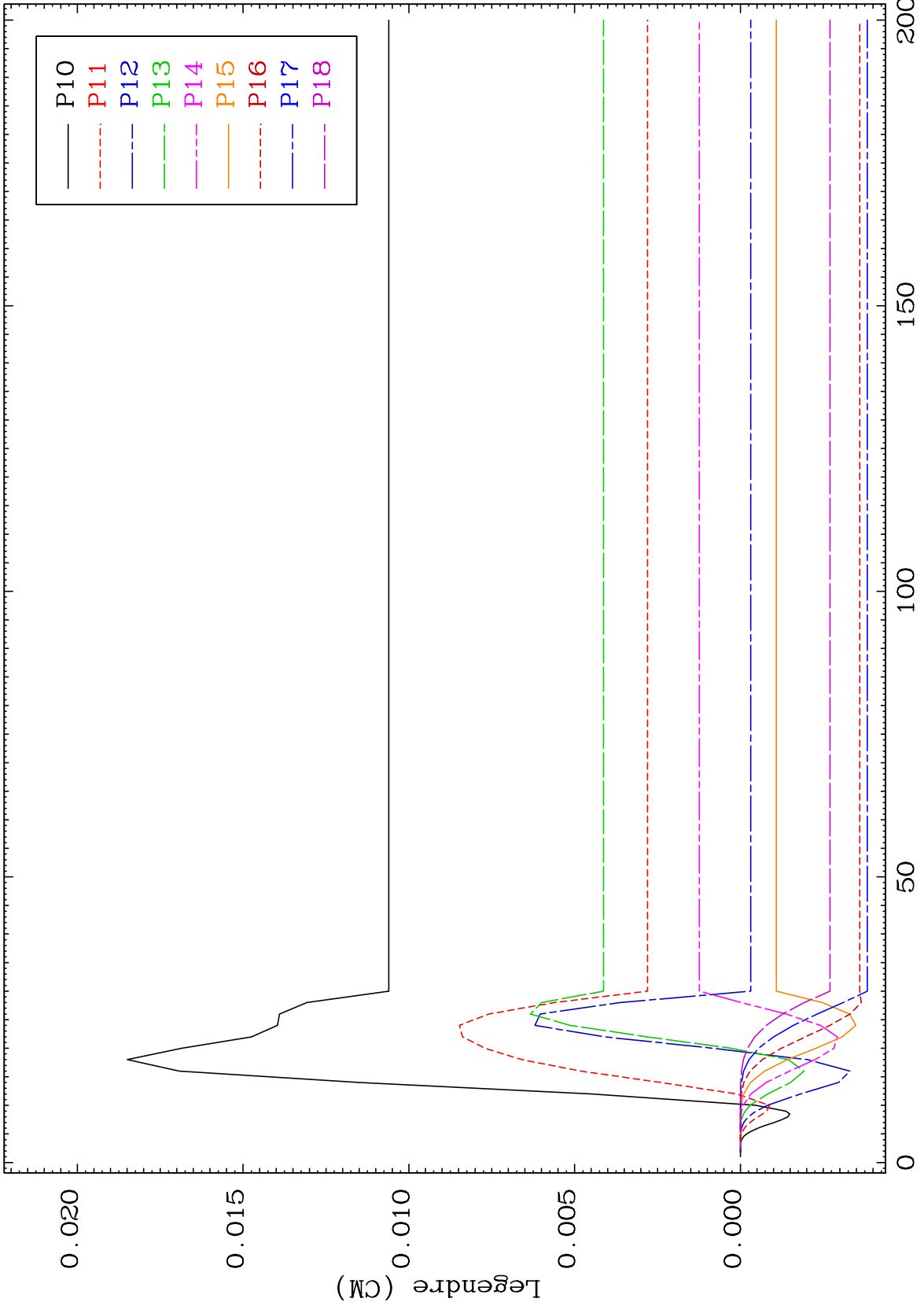
37-Rb-84

Incident Energy (MeV)

MAT 3722

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

37-Rb-84



21

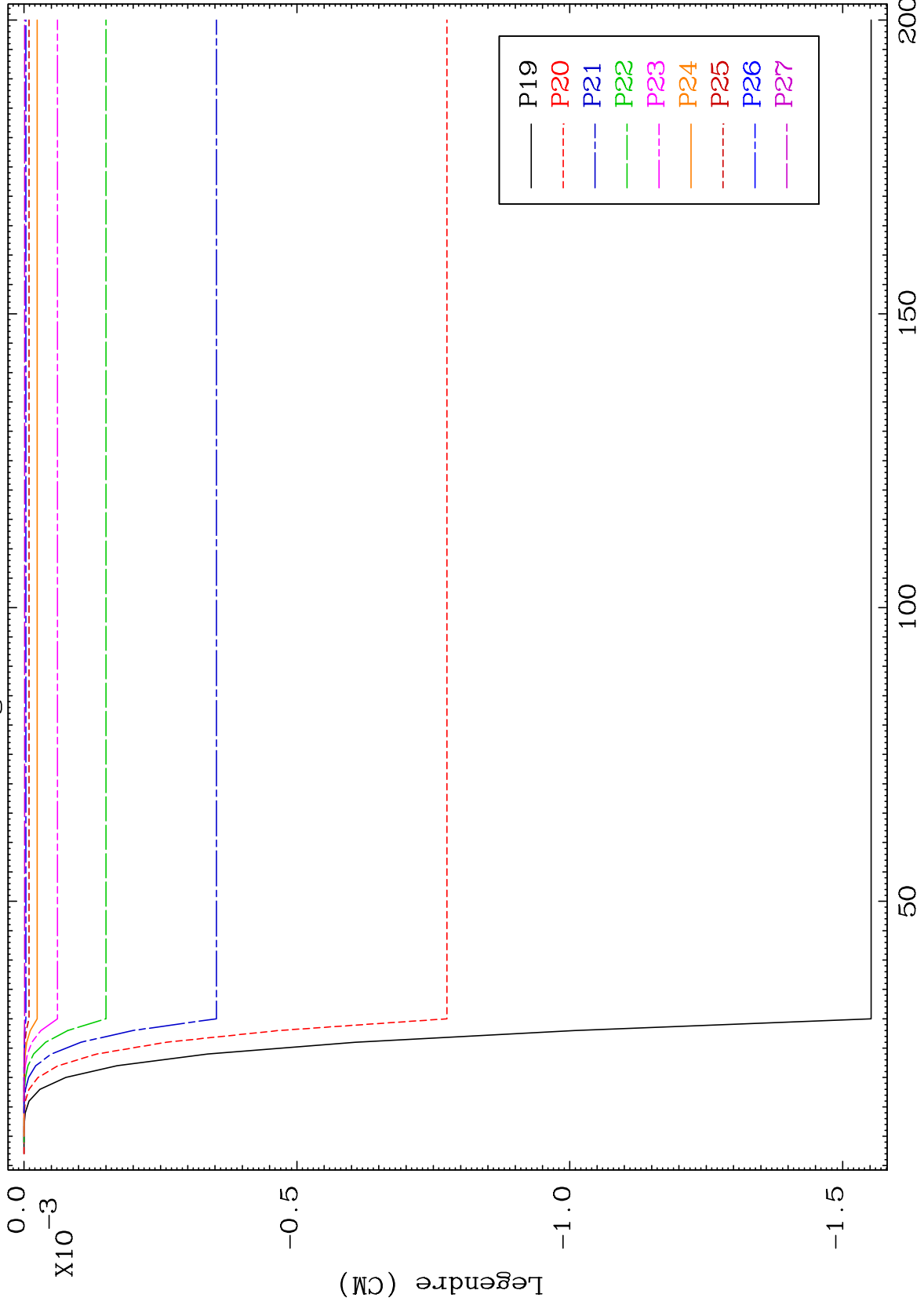
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

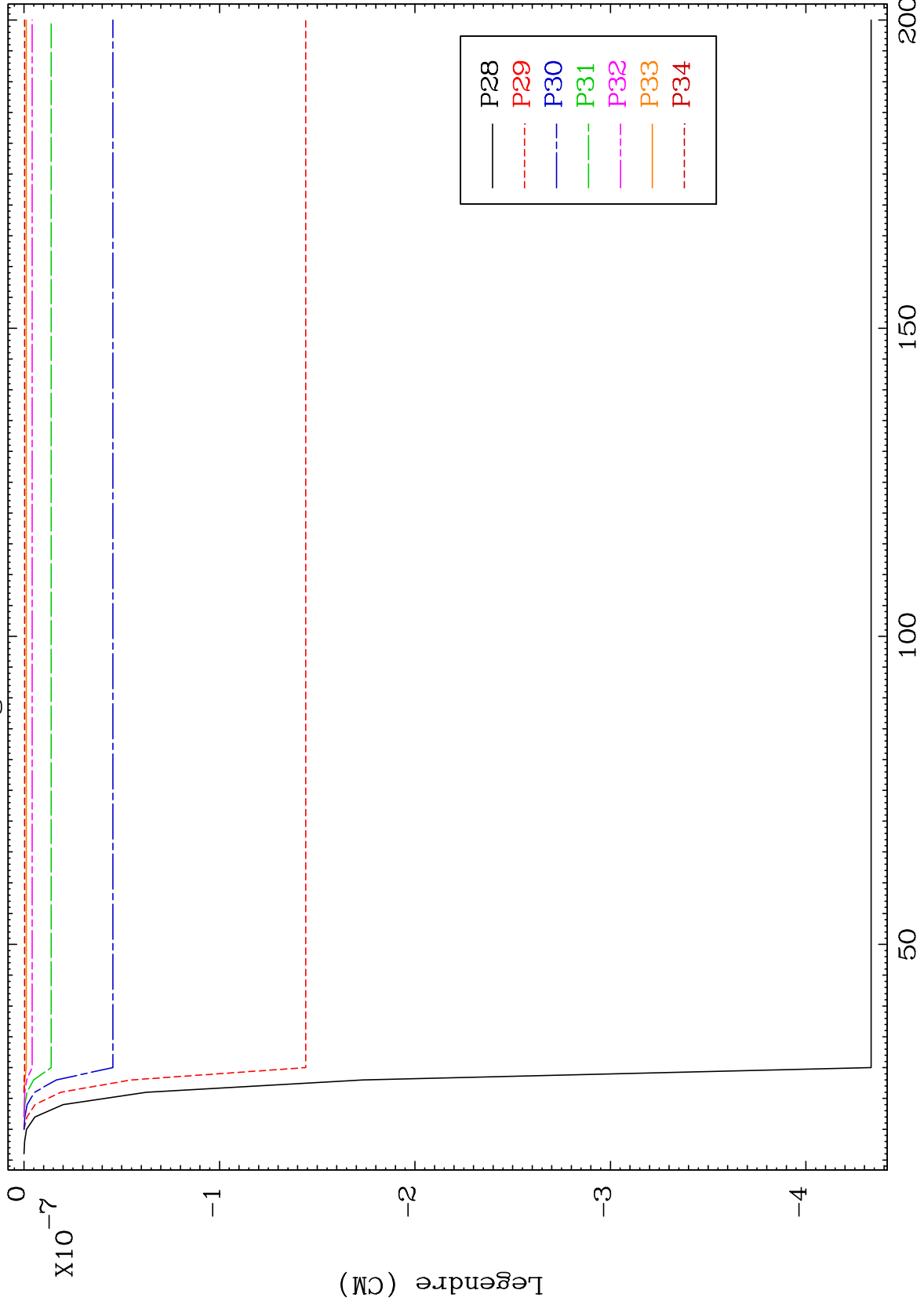
Incident Energy (MeV)

22

MAT 3722

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

37-Rb-84



37-Rb-84

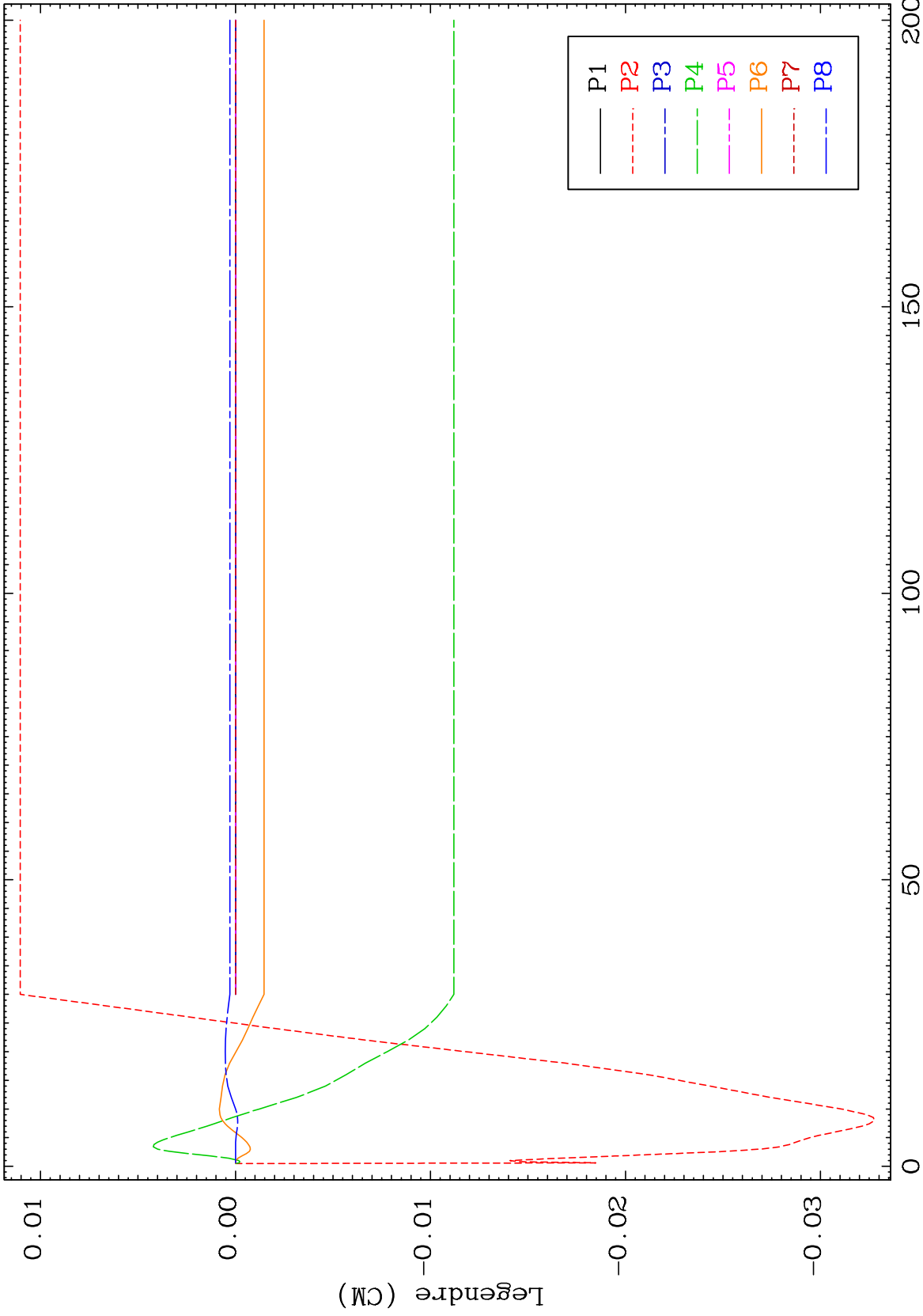
Incident Energy (MeV)

23

MAT 3722

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

37-Rb-84



24

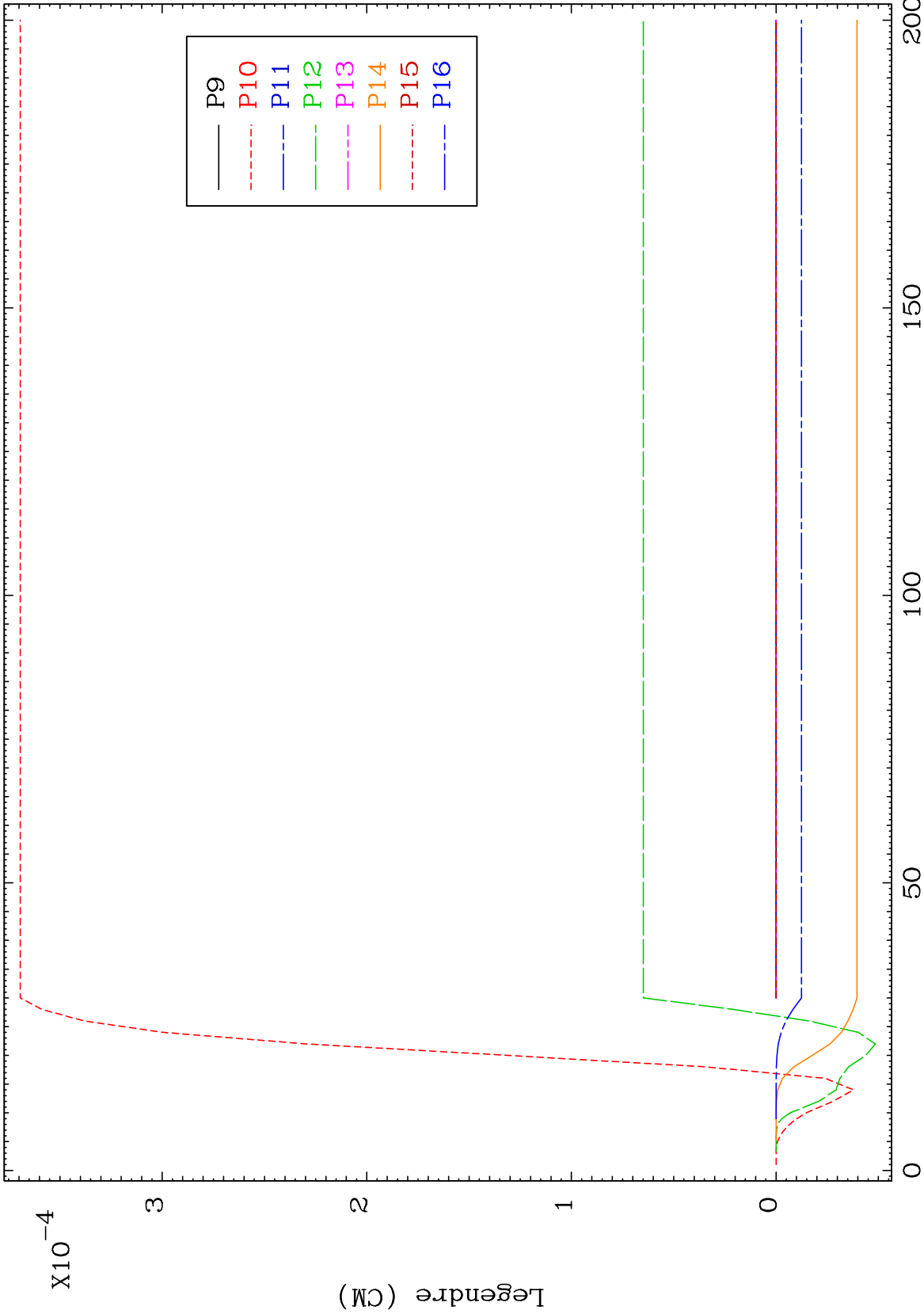
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



25

Incident Energy (MeV)

150

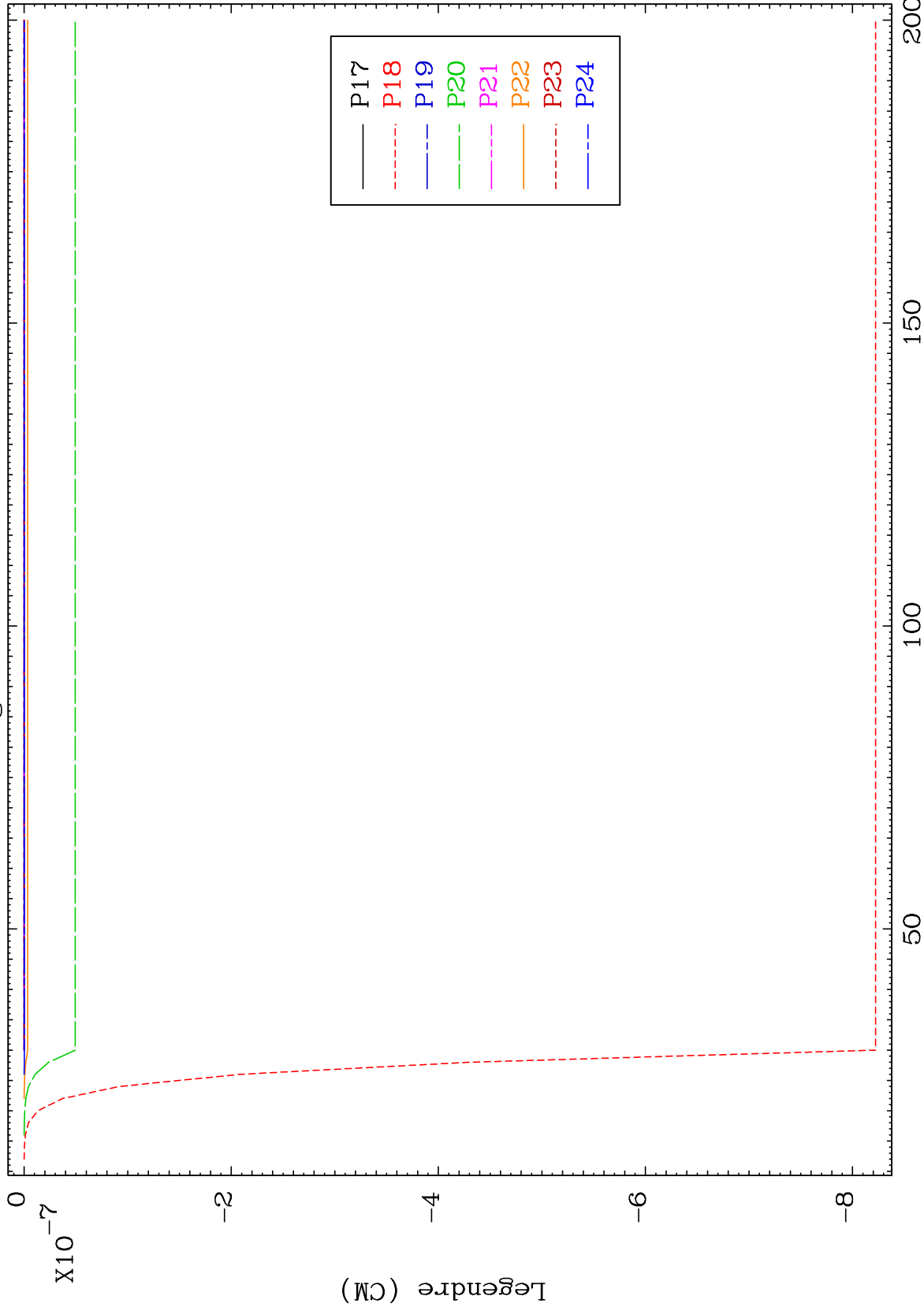
37-Rb-84

200

MAT 3722

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

37-Rb-84



26

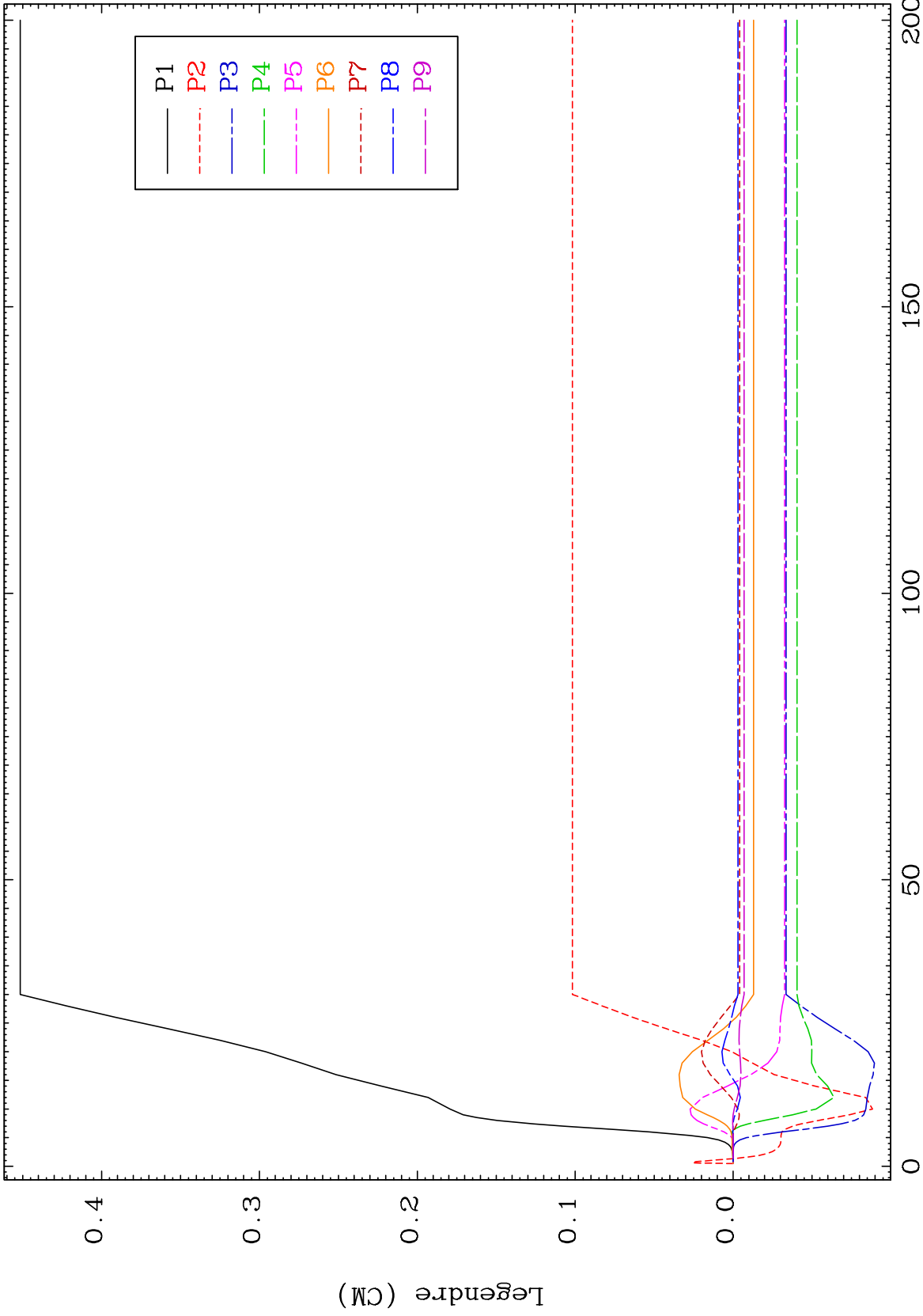
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



27

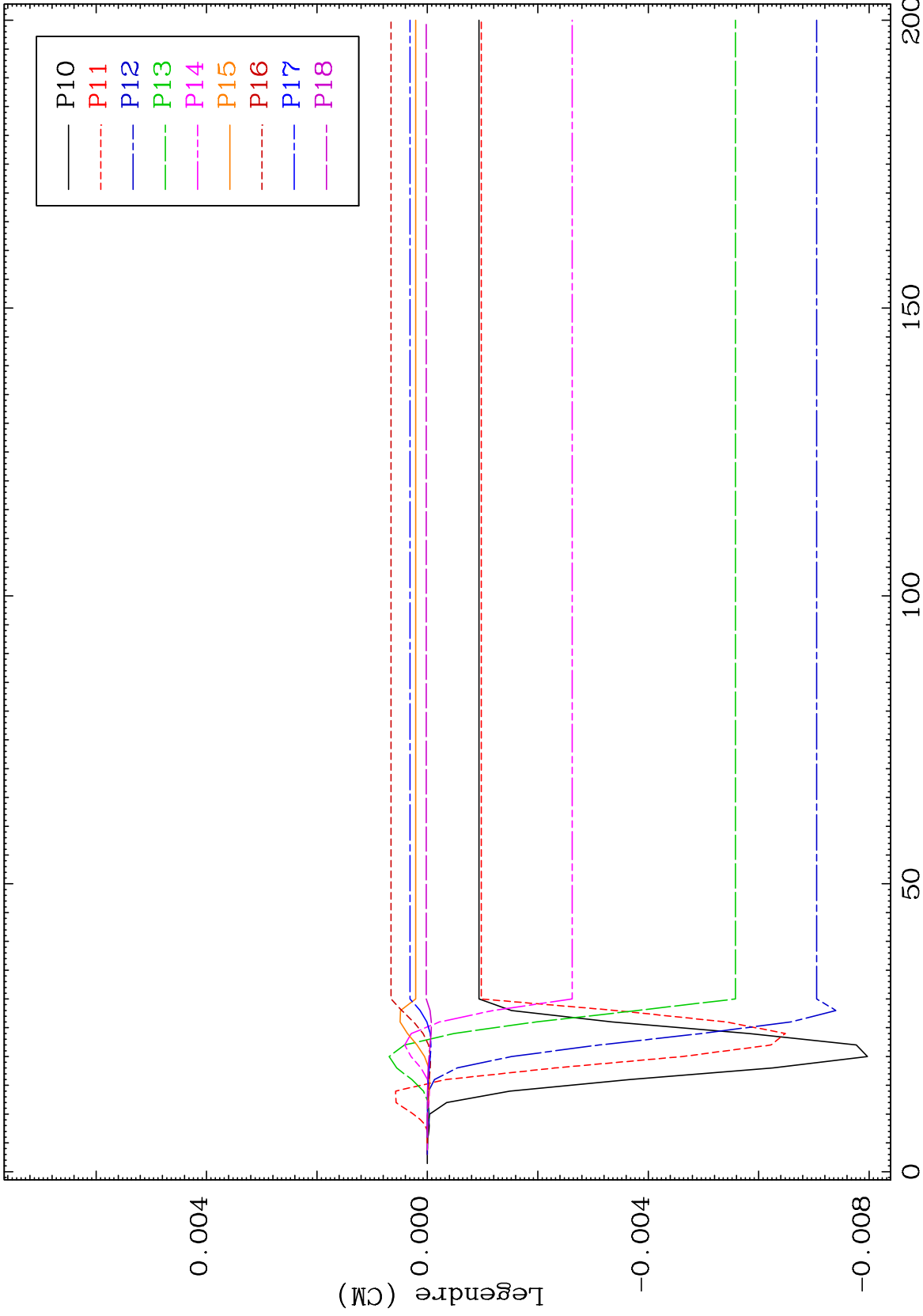
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



28

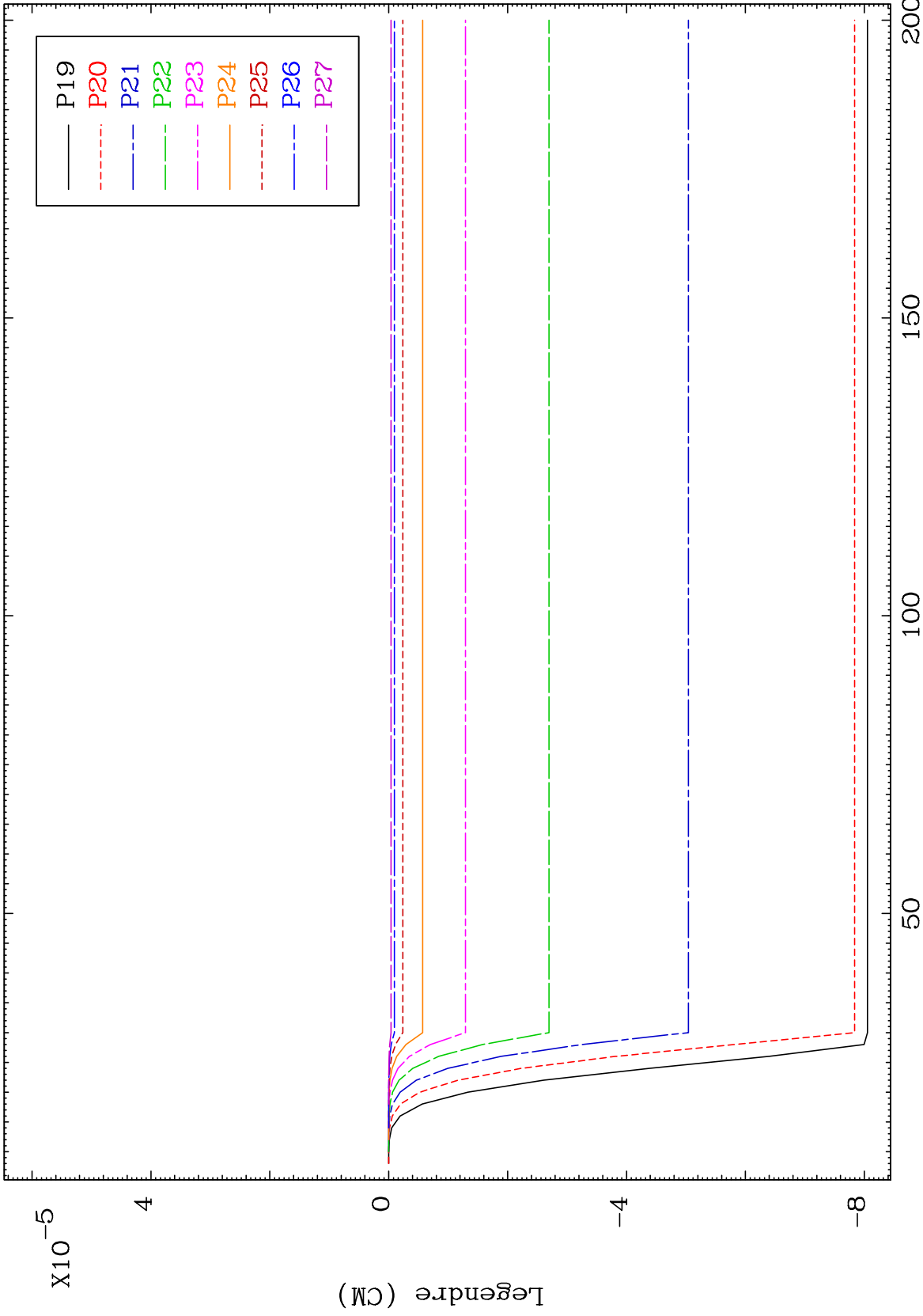
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



29

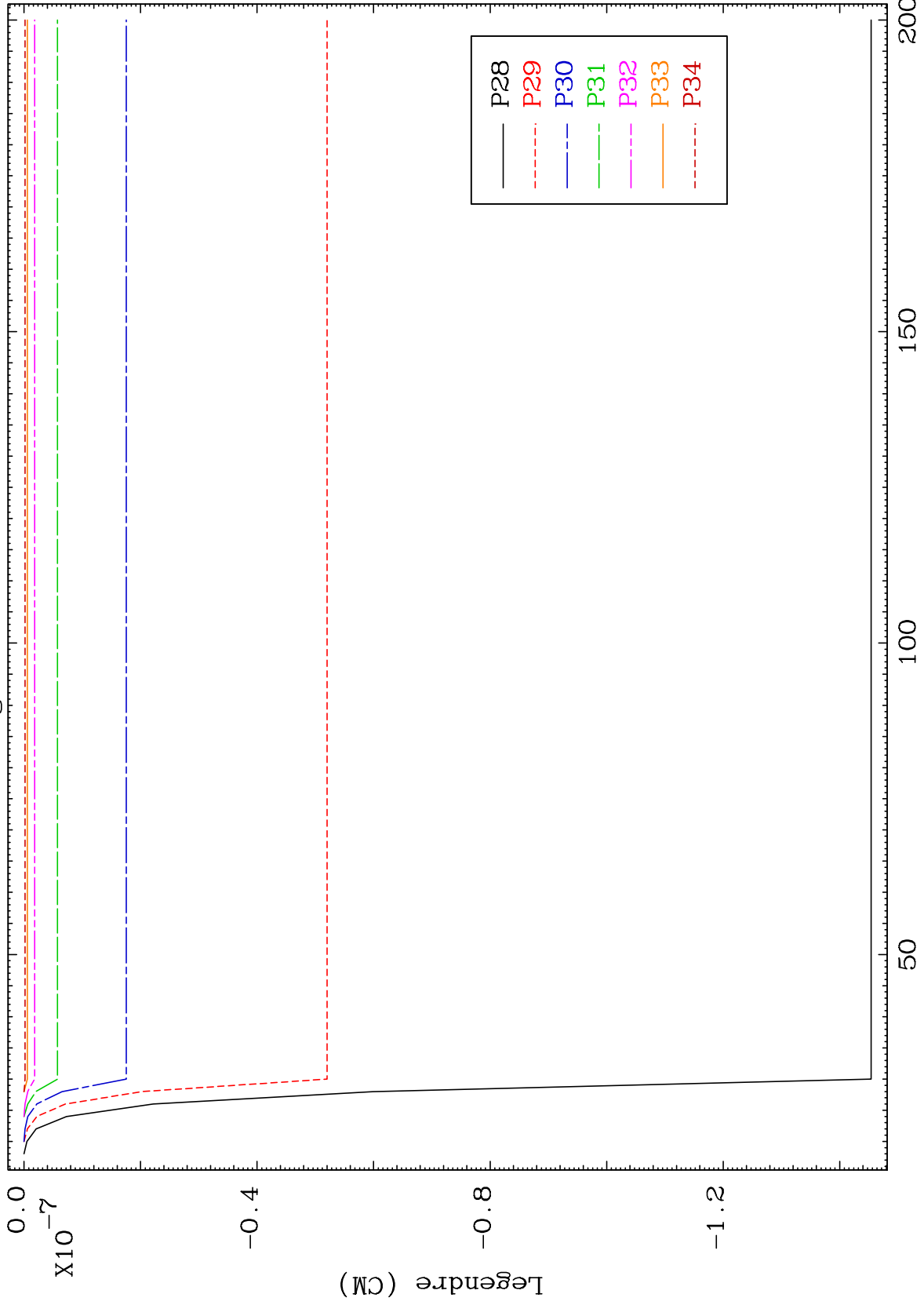
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

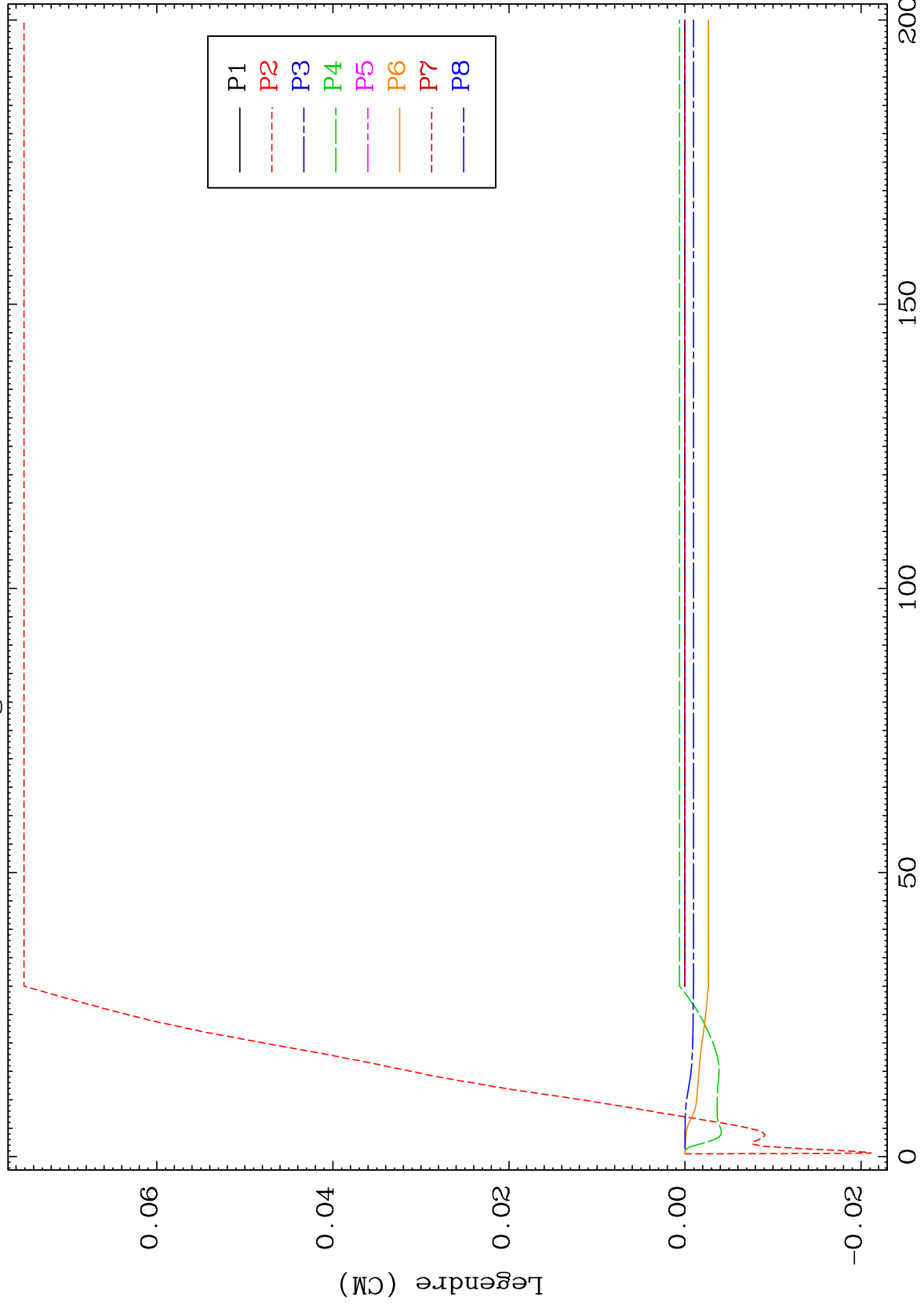
Incident Energy (MeV)

30

MAT 3722

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

37-Rb-84



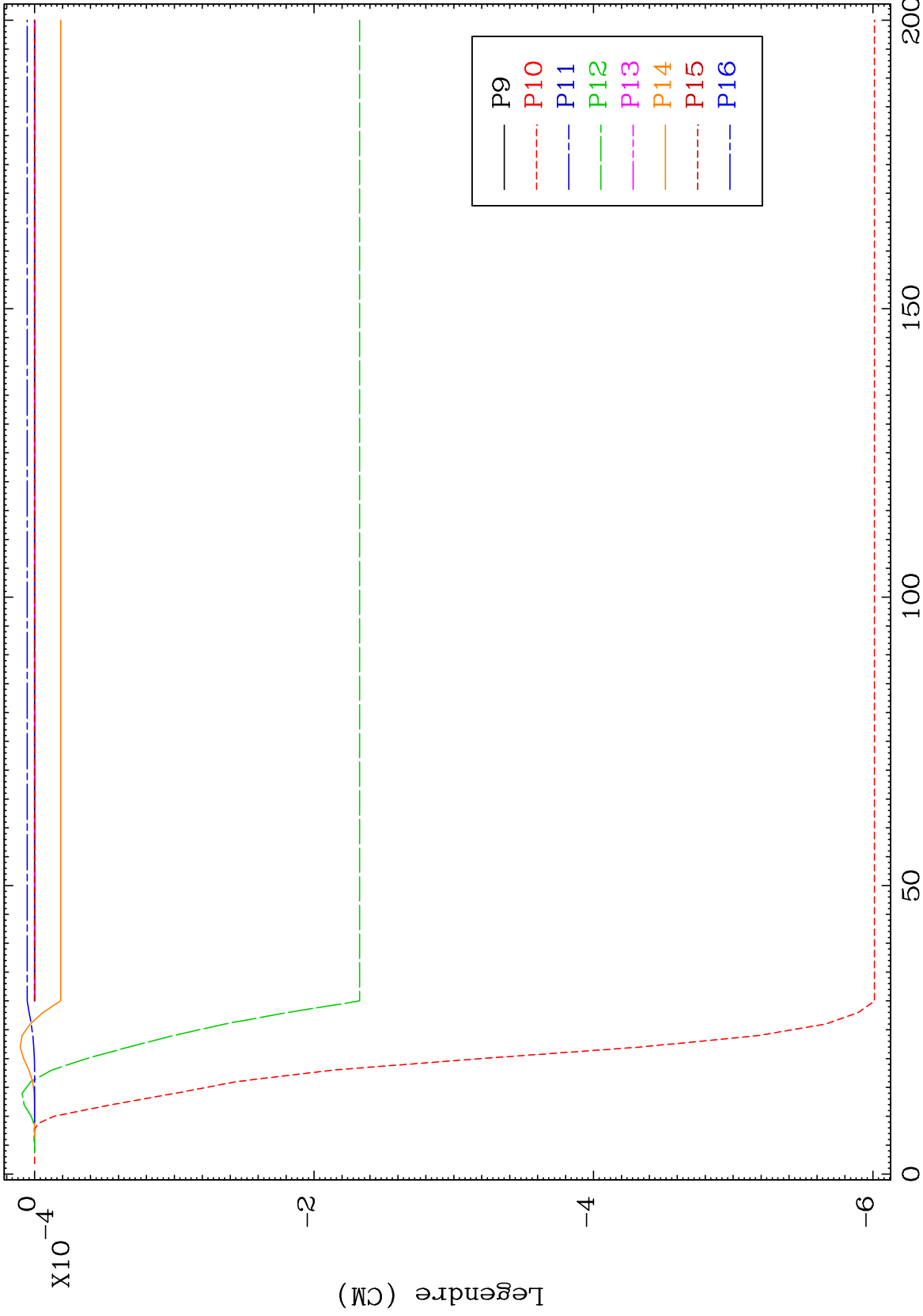
31

37-Rb-84

MAT 3722

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

37-Rb-84



32

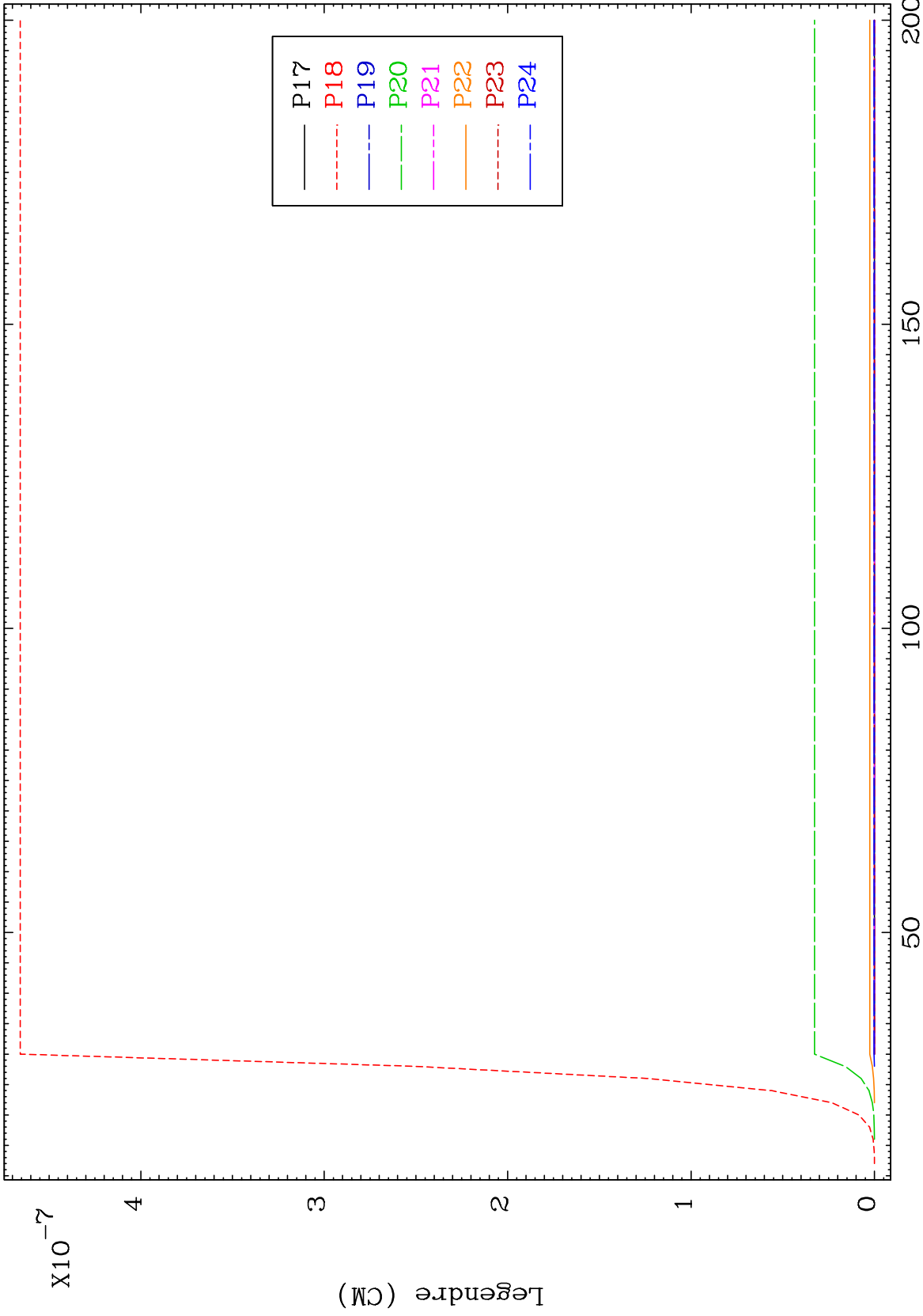
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



33

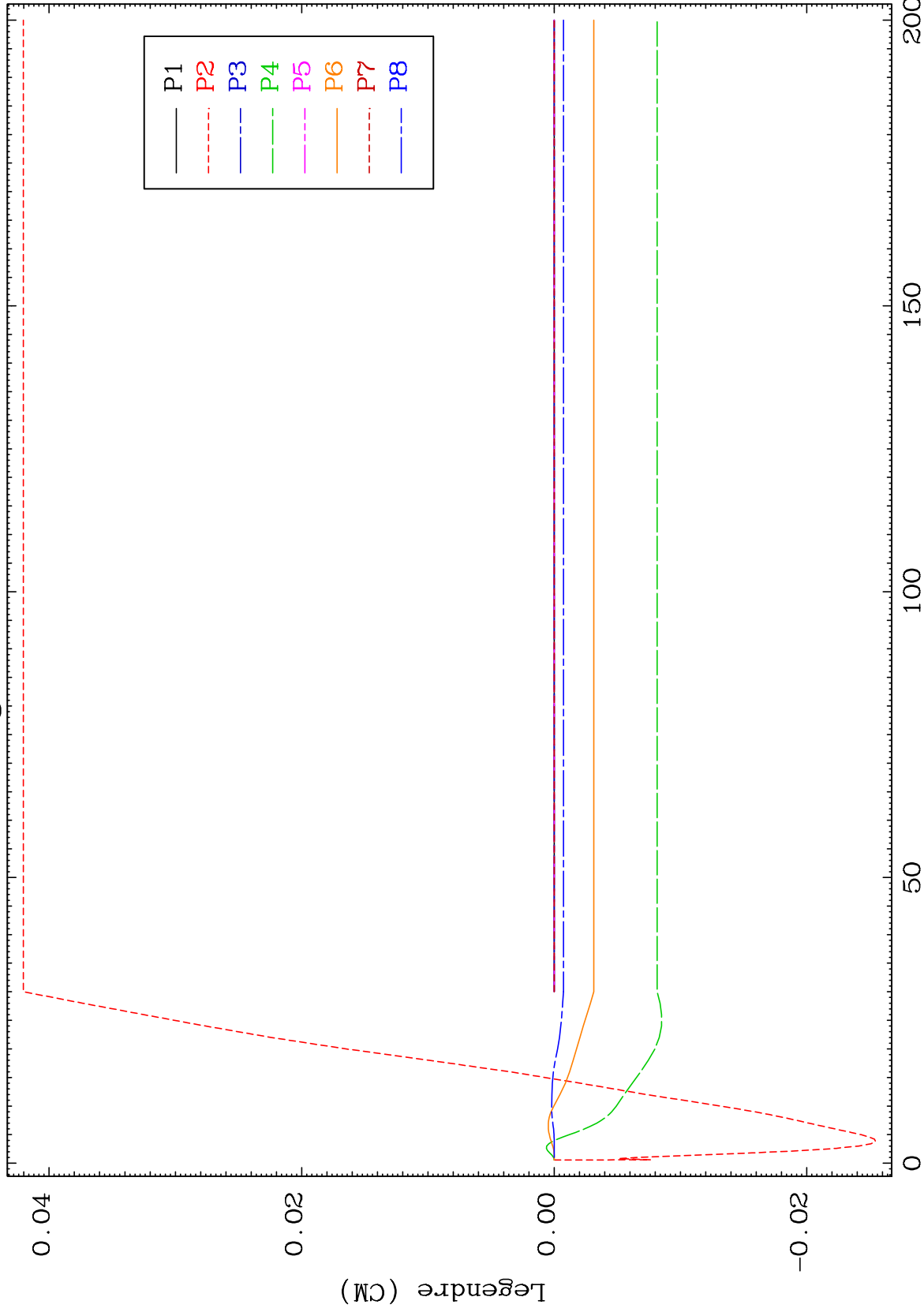
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



34

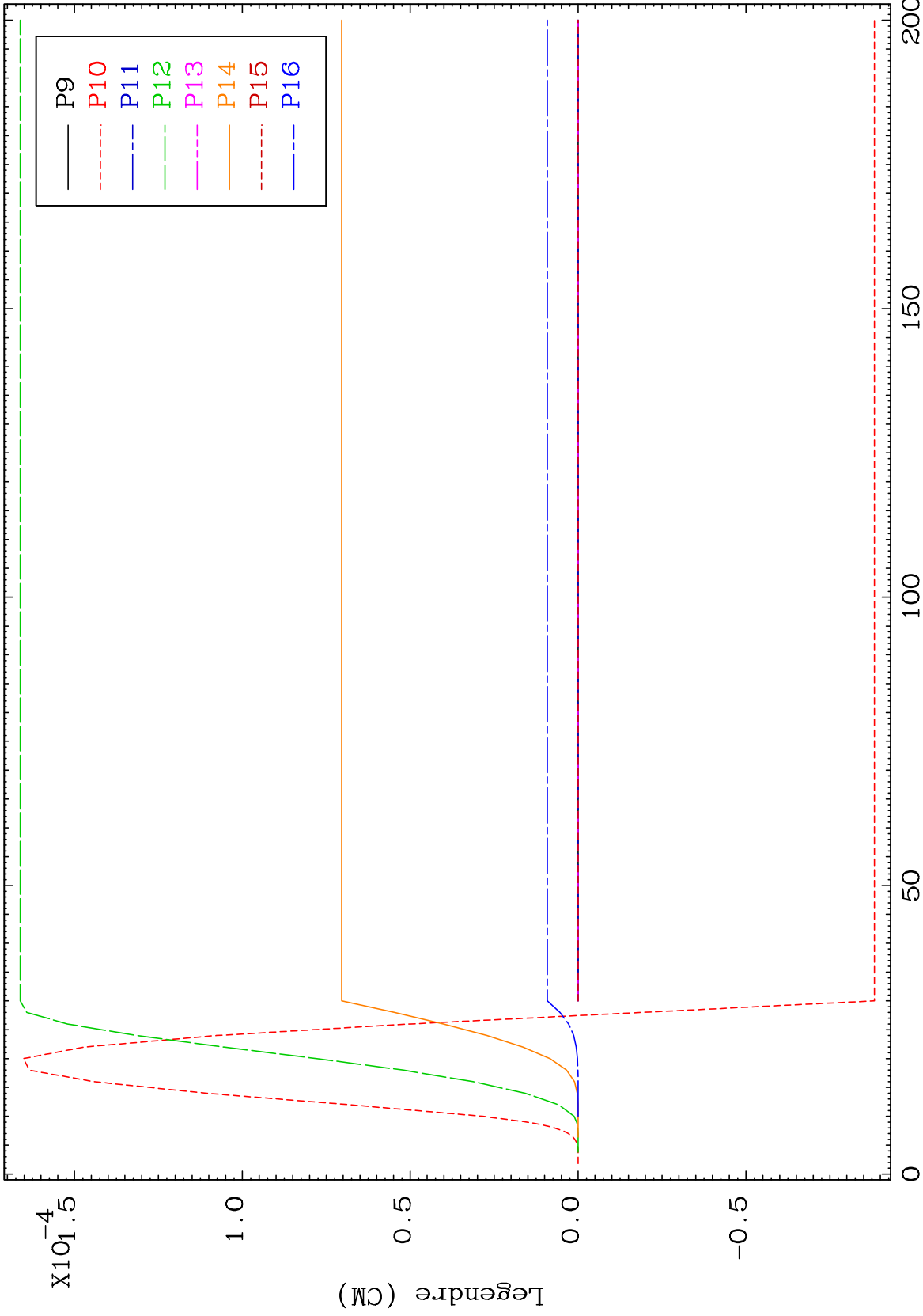
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



35

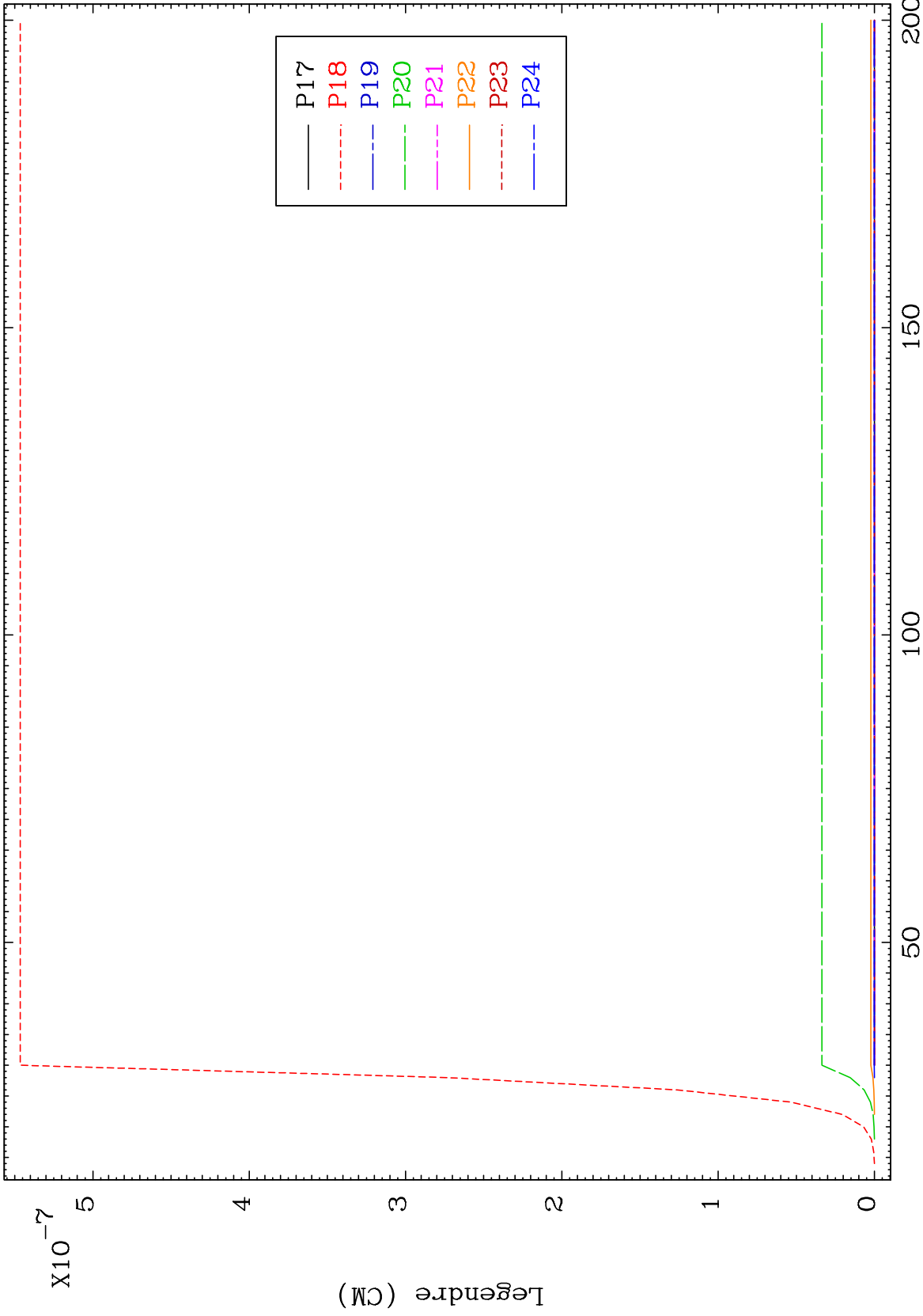
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



36

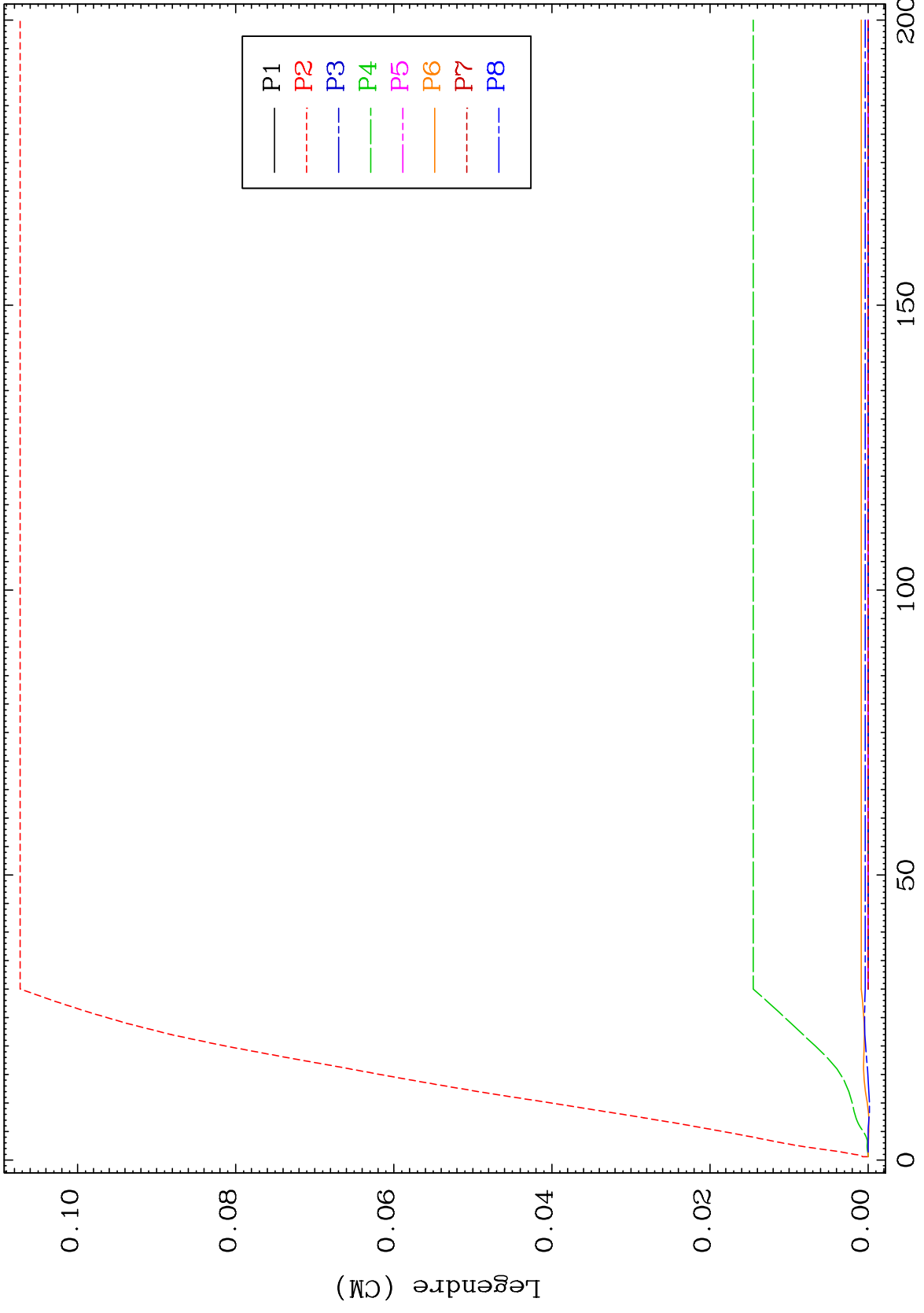
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37

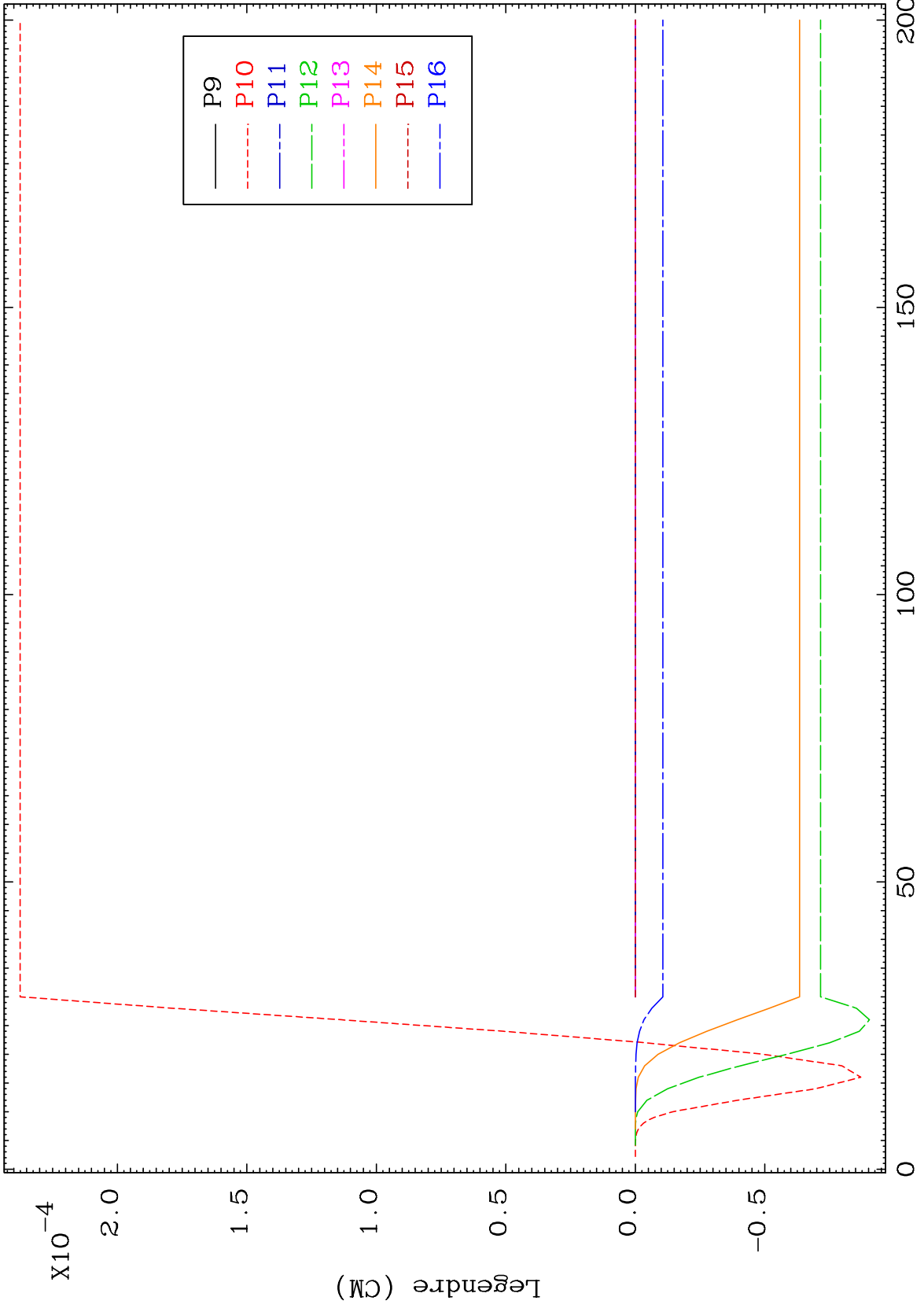
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



38

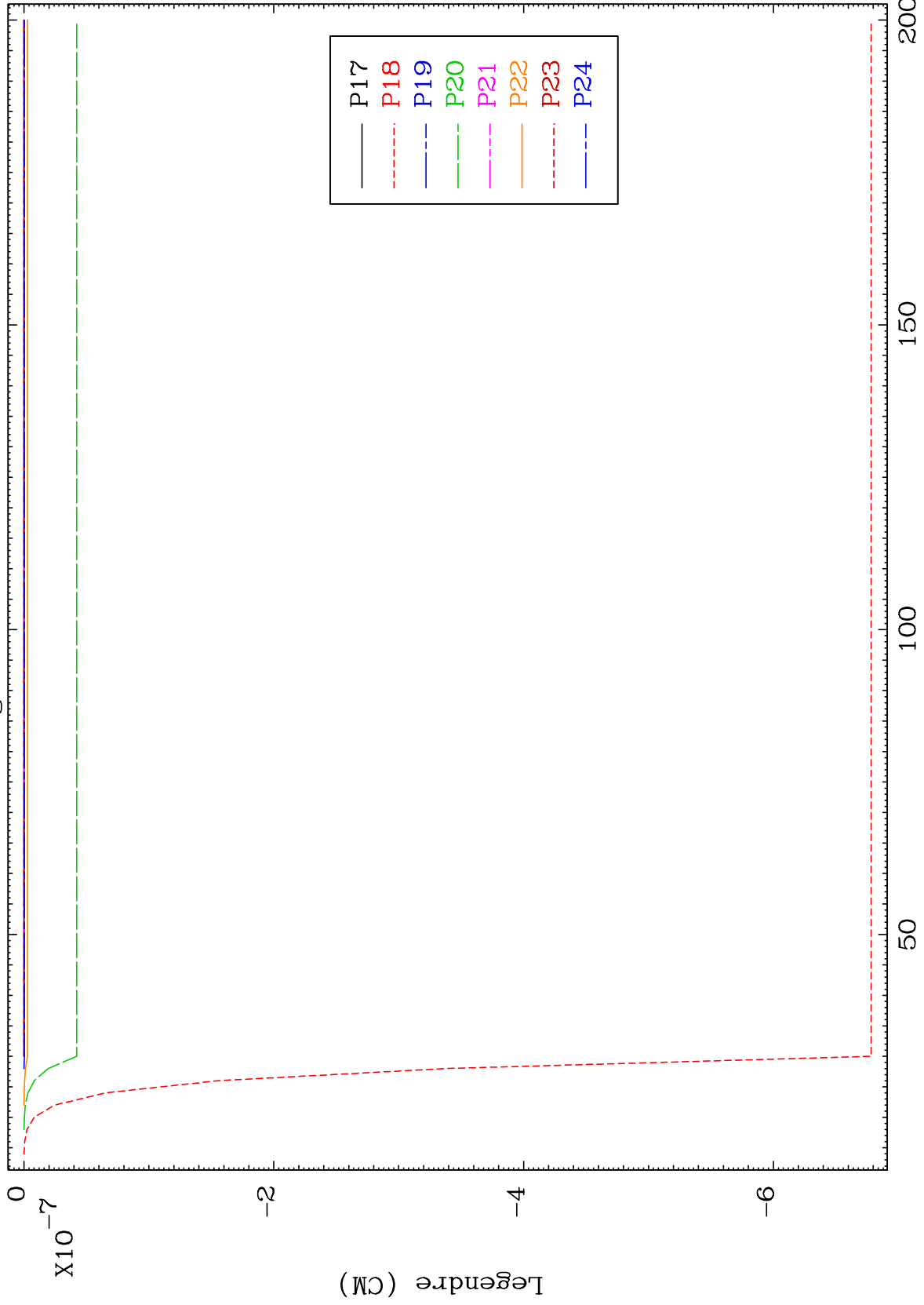
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

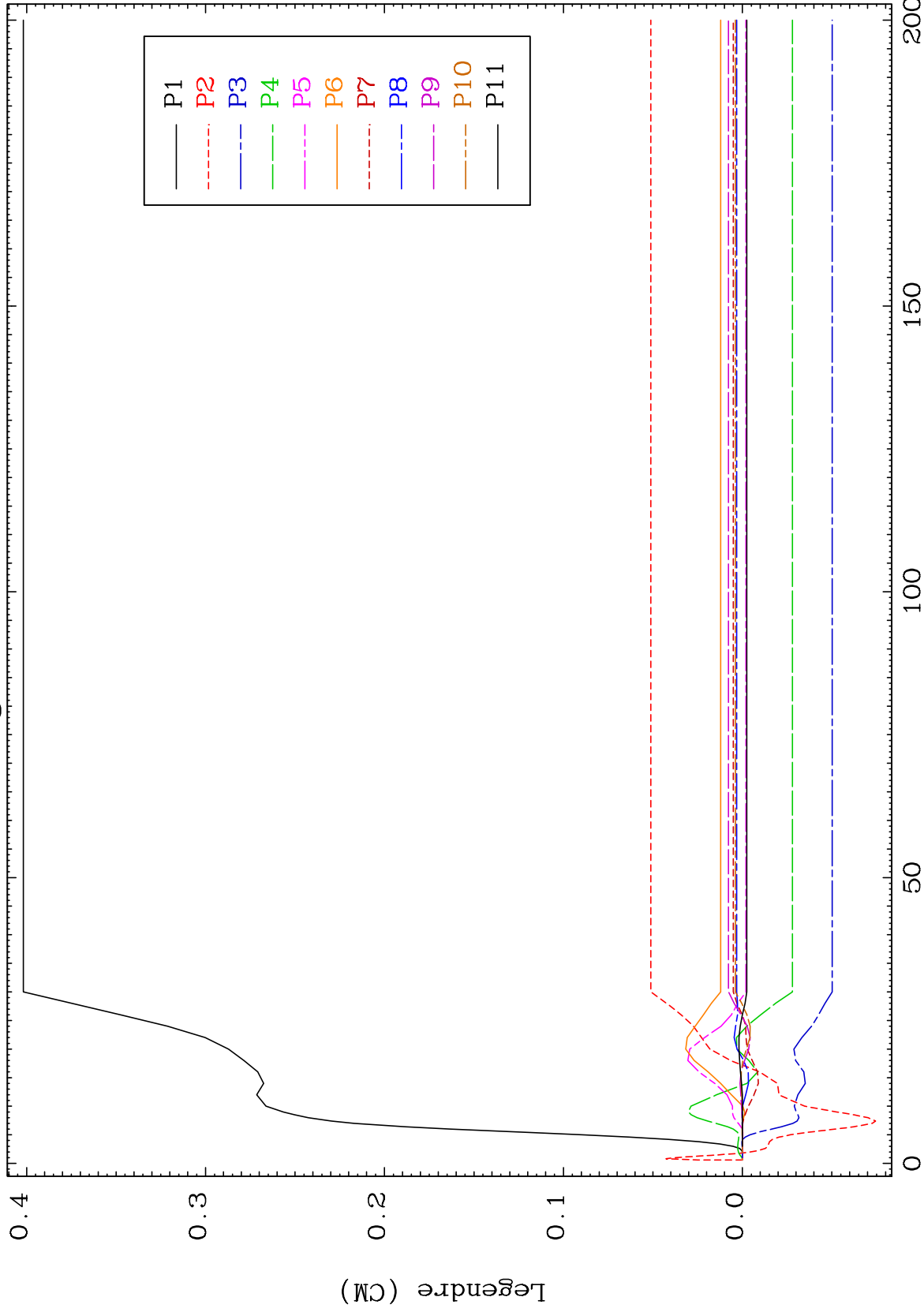
Incident Energy (MeV)

39

MAT 3722

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

37-Rb-84



37-Rb-84

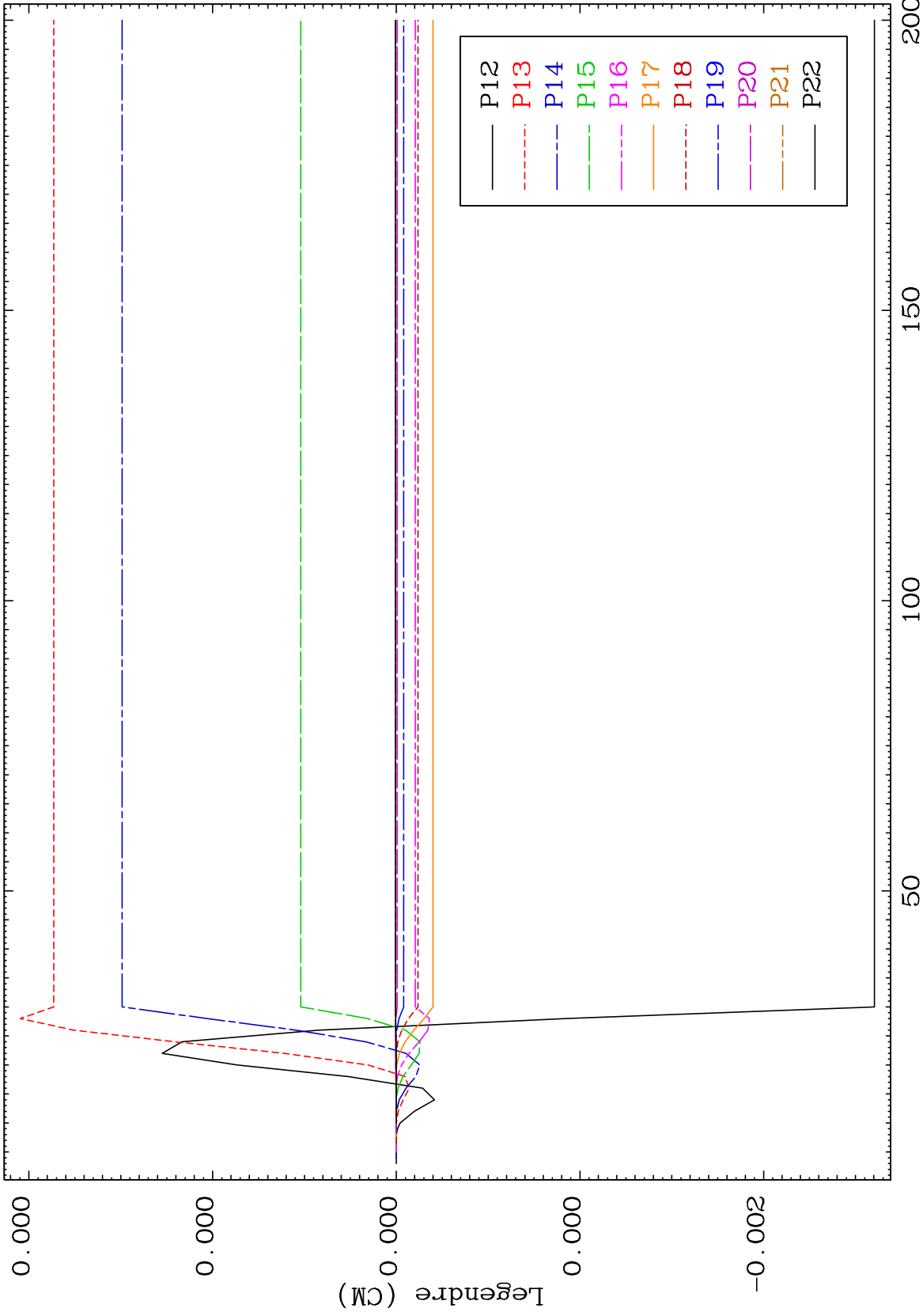
Incident Energy (MeV)

40

MAT 3722

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

37-Rb-84



41

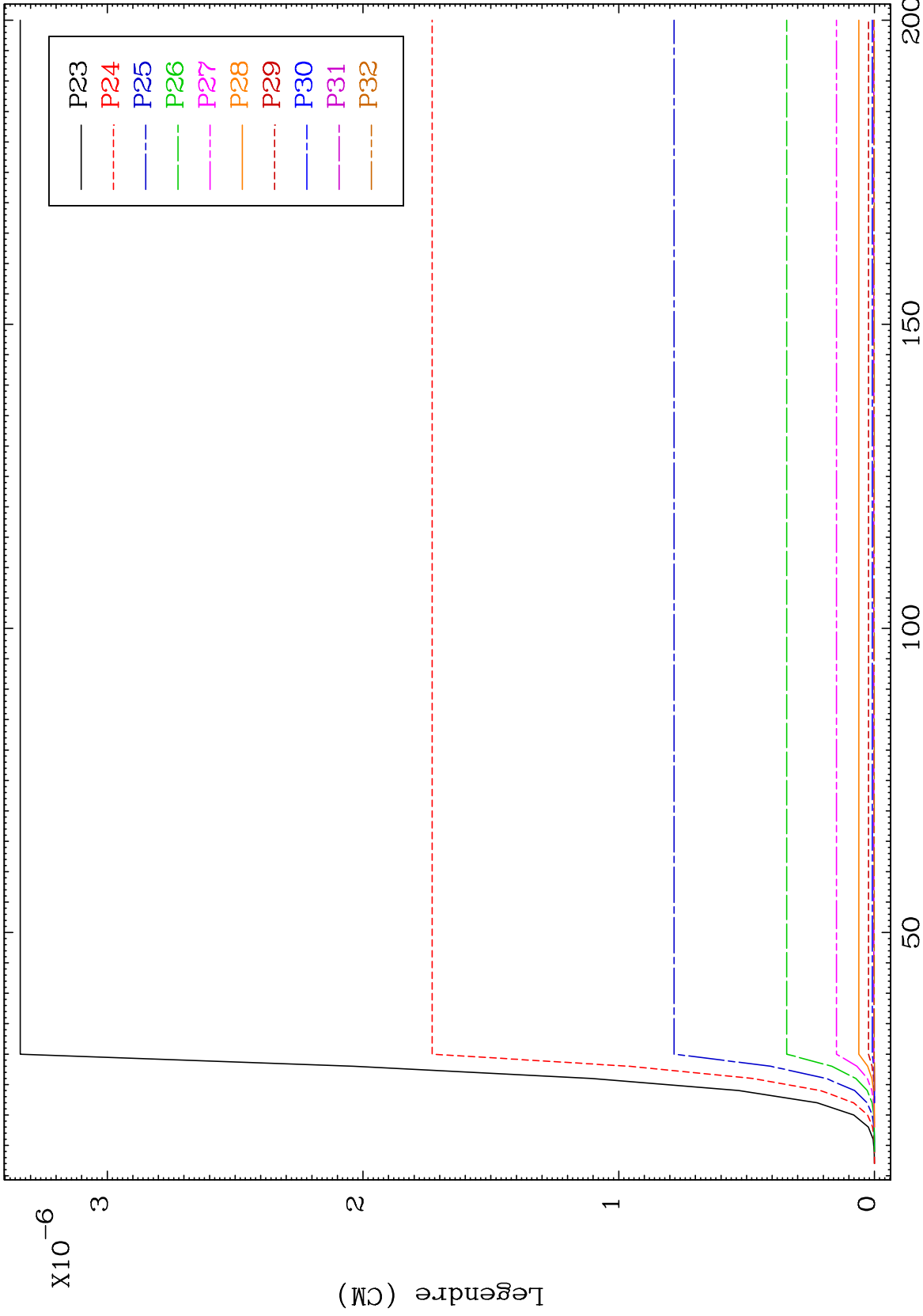
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



42

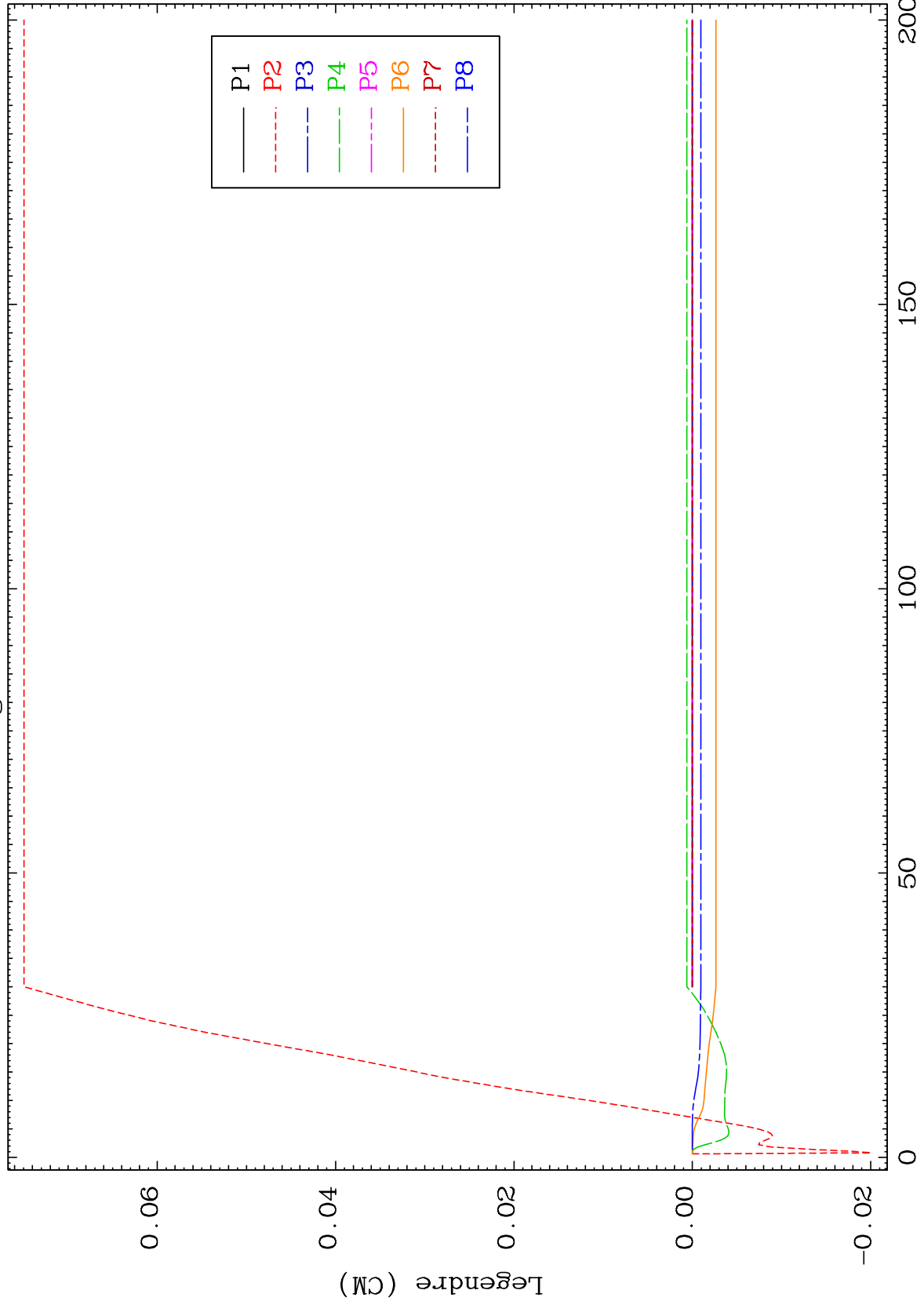
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



43

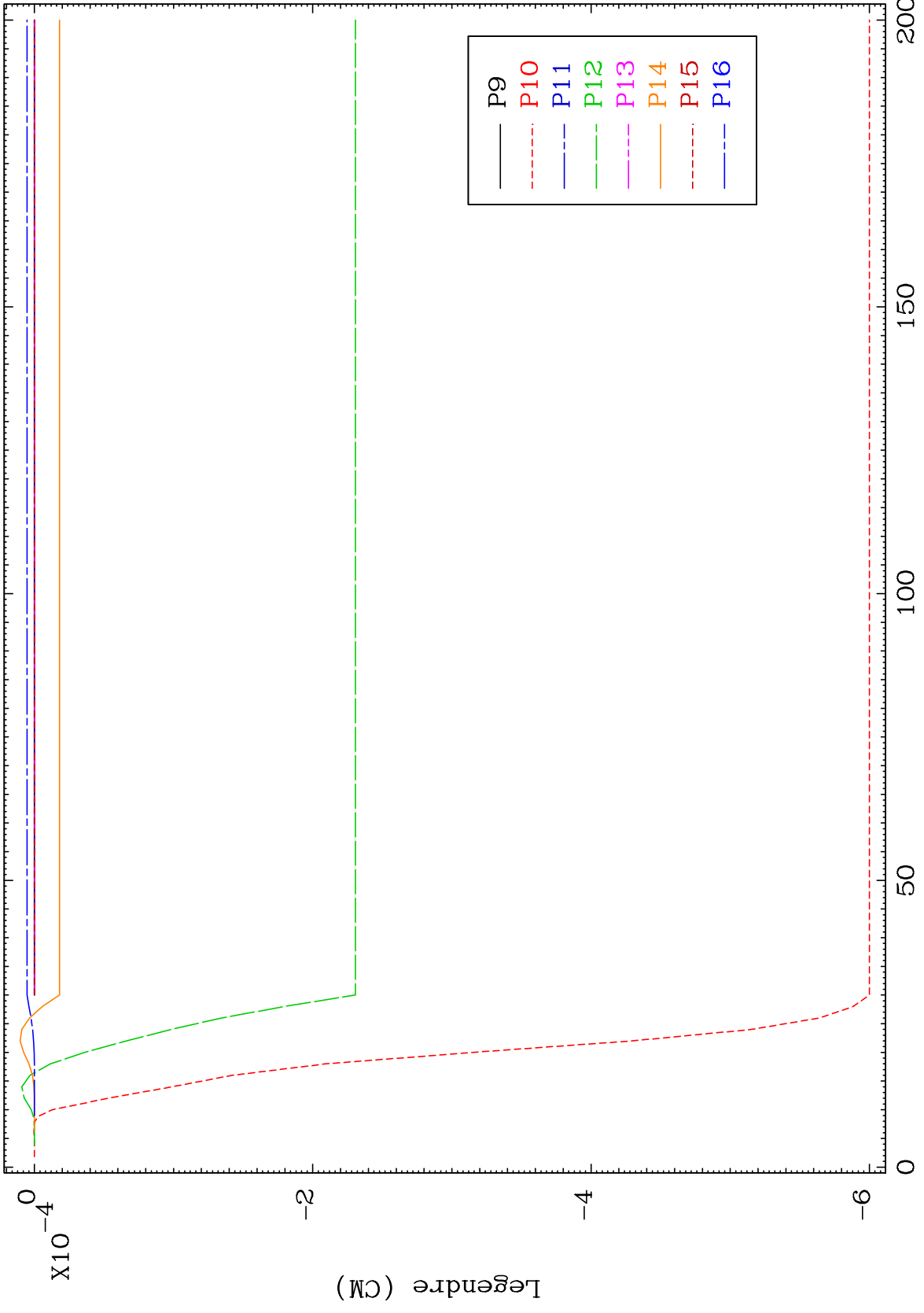
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



44

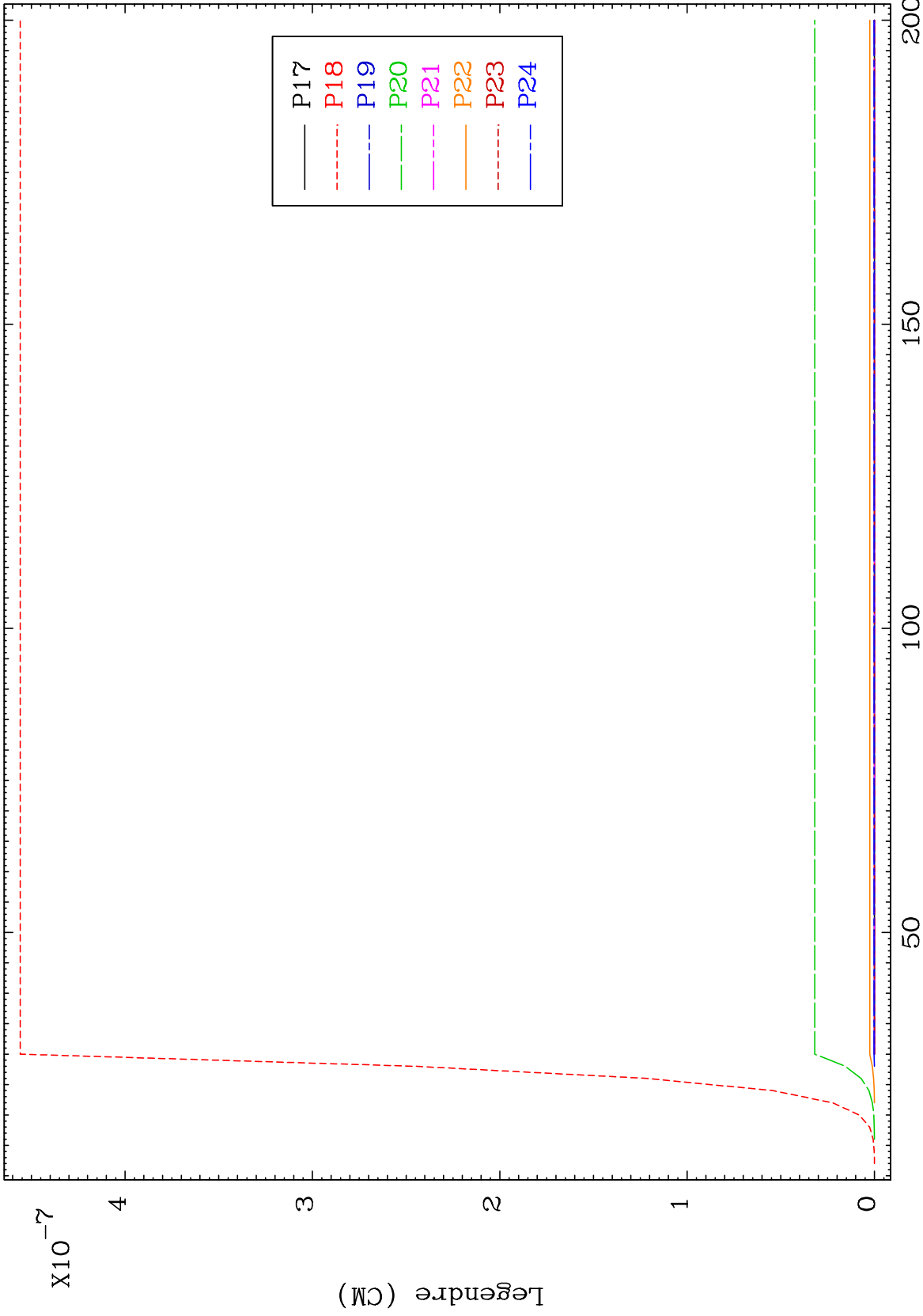
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



45

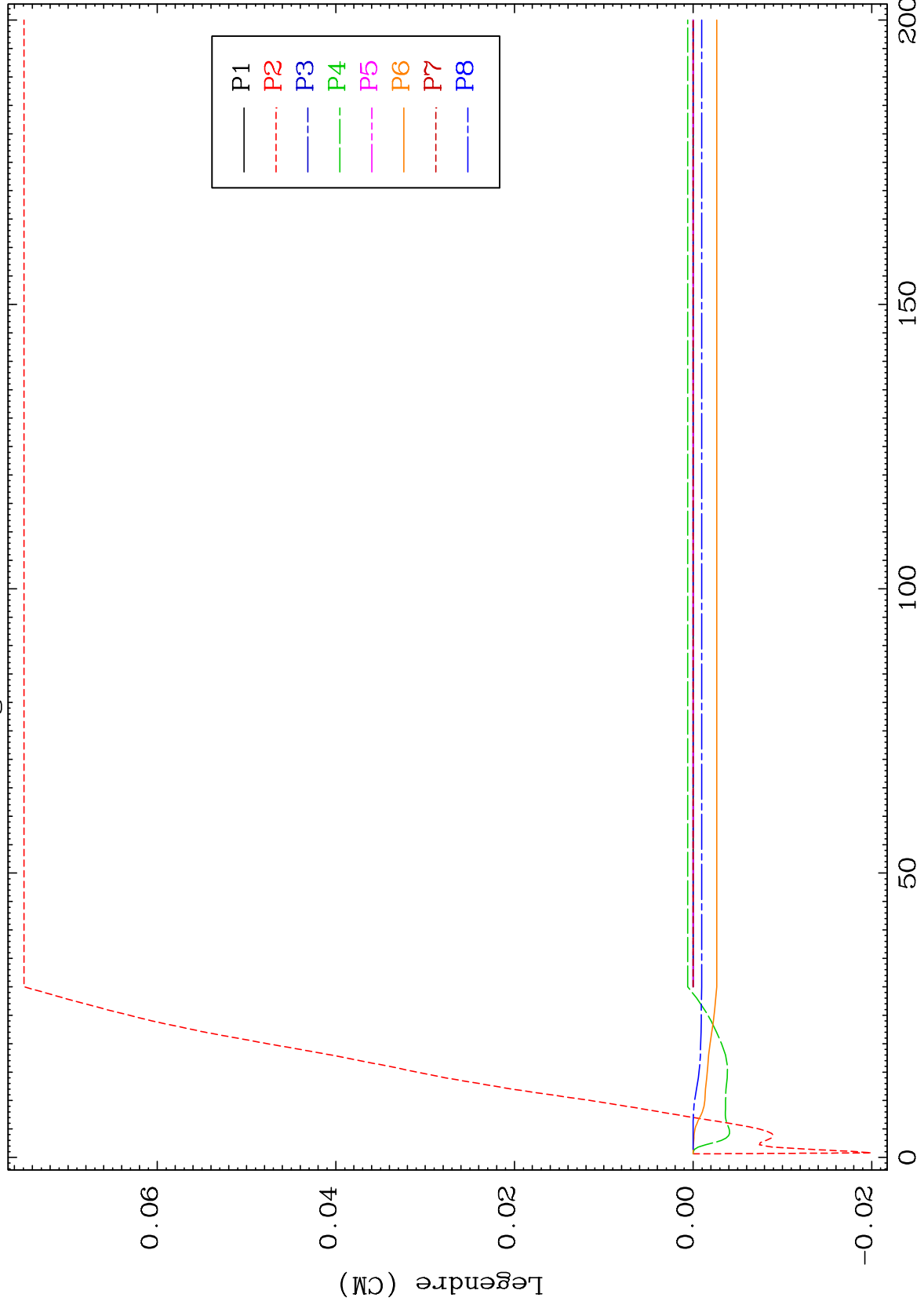
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



46

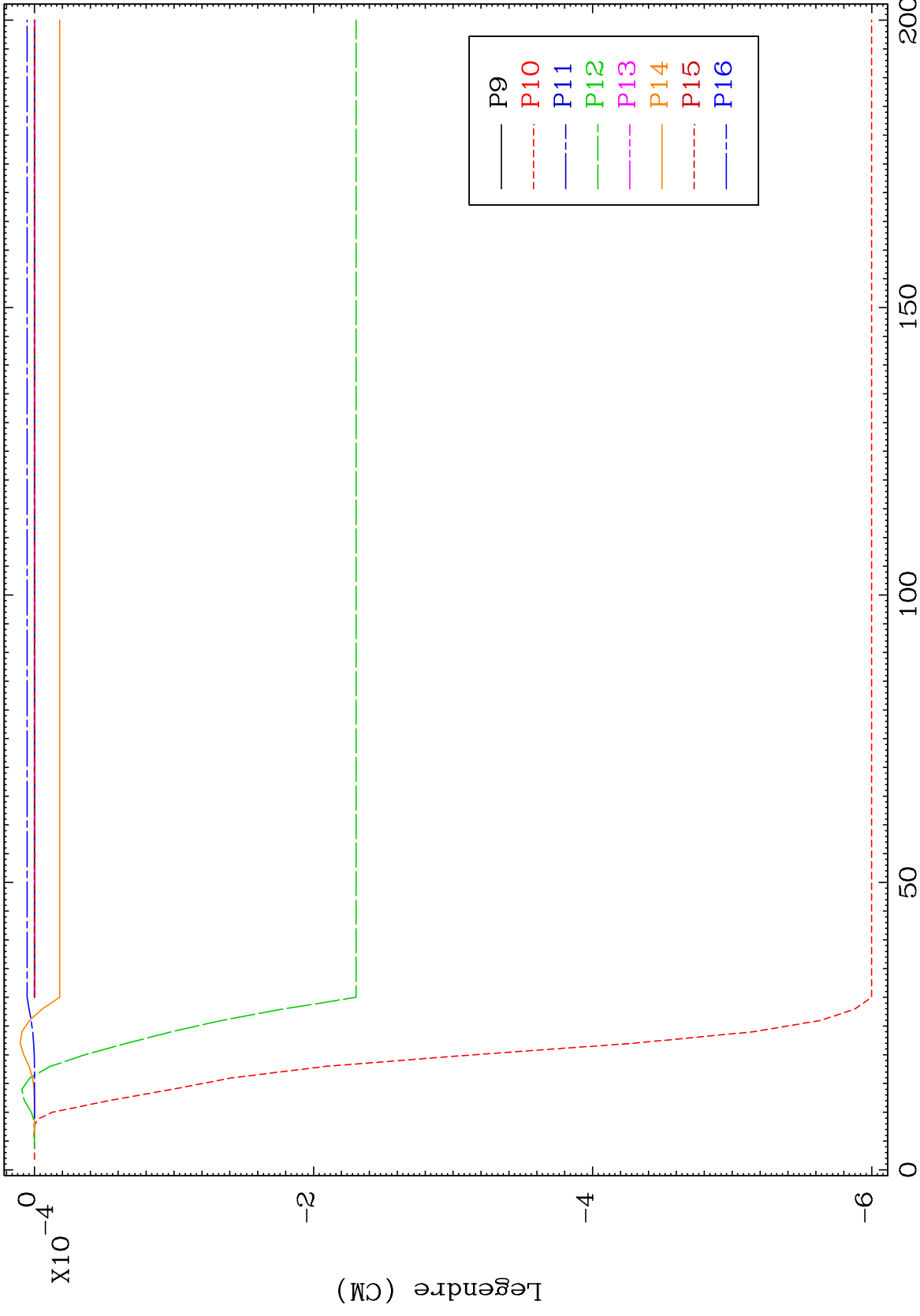
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

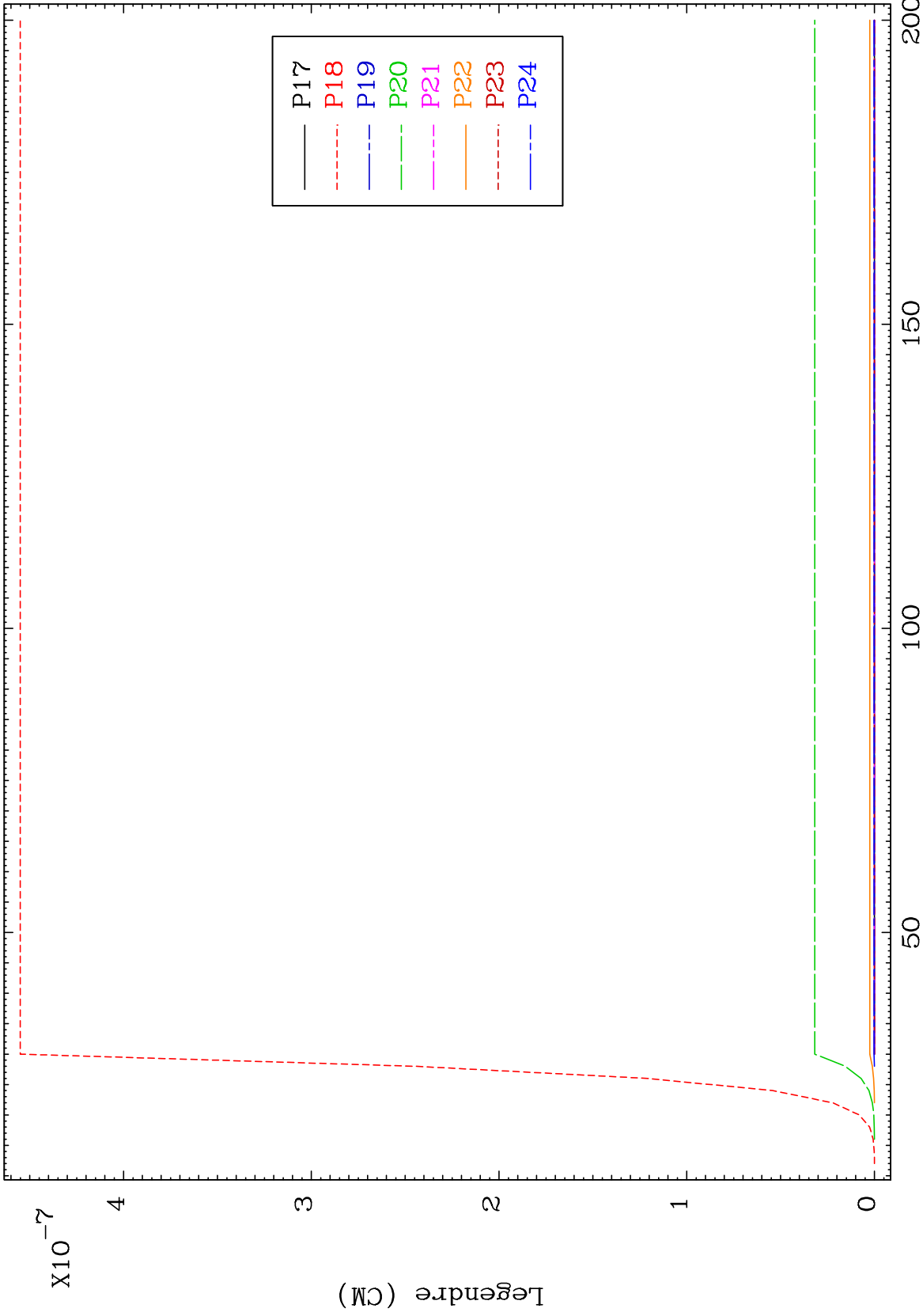
Incident Energy (MeV)

47

MAT 3722

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

37-Rb-84



48

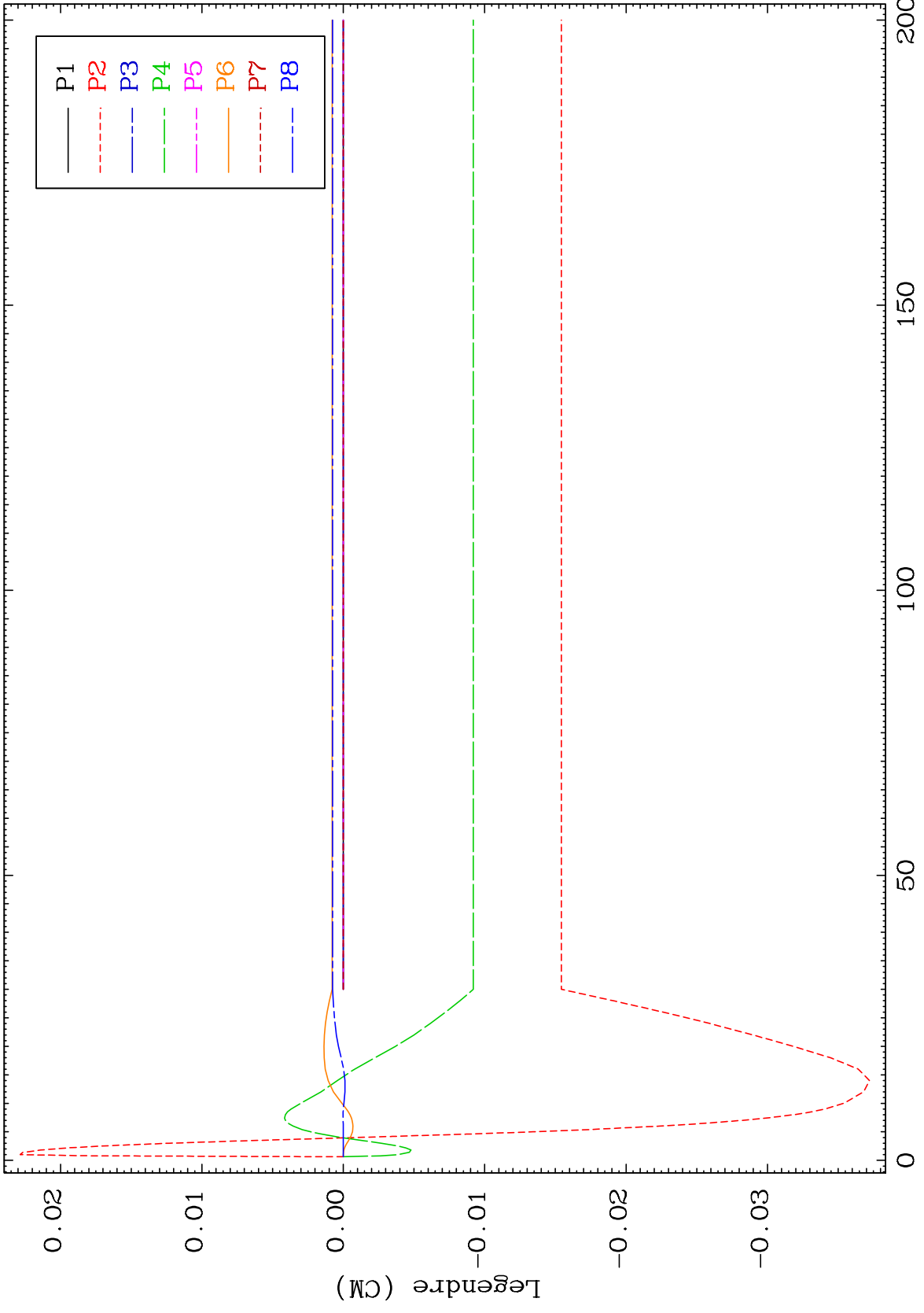
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



49

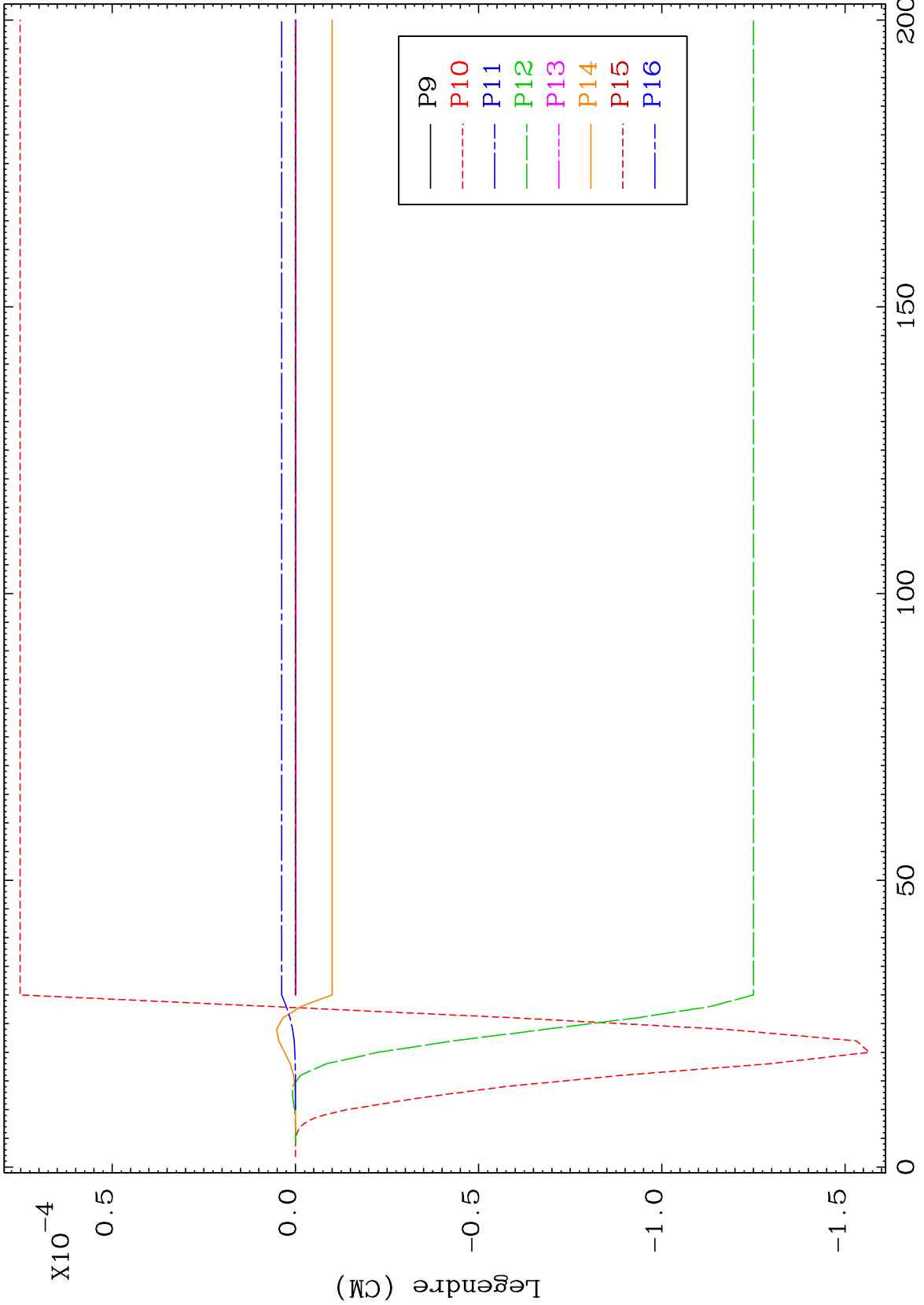
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

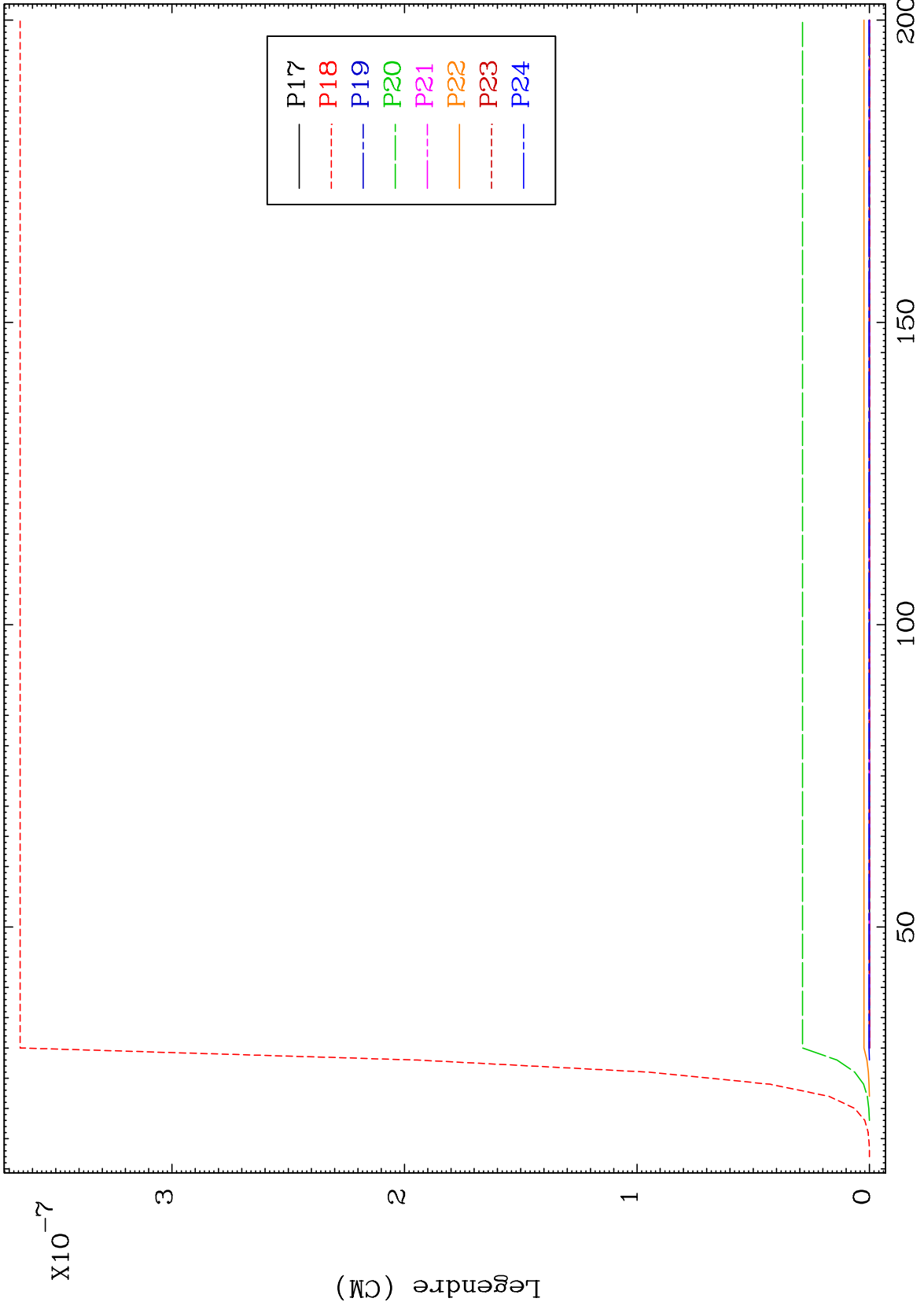
37-Rb-84



37-Rb-84

Incident Energy (MeV)

MAT 3722 MT= 60 (n,n') Level Legendre Coefficients 37-Rb-84

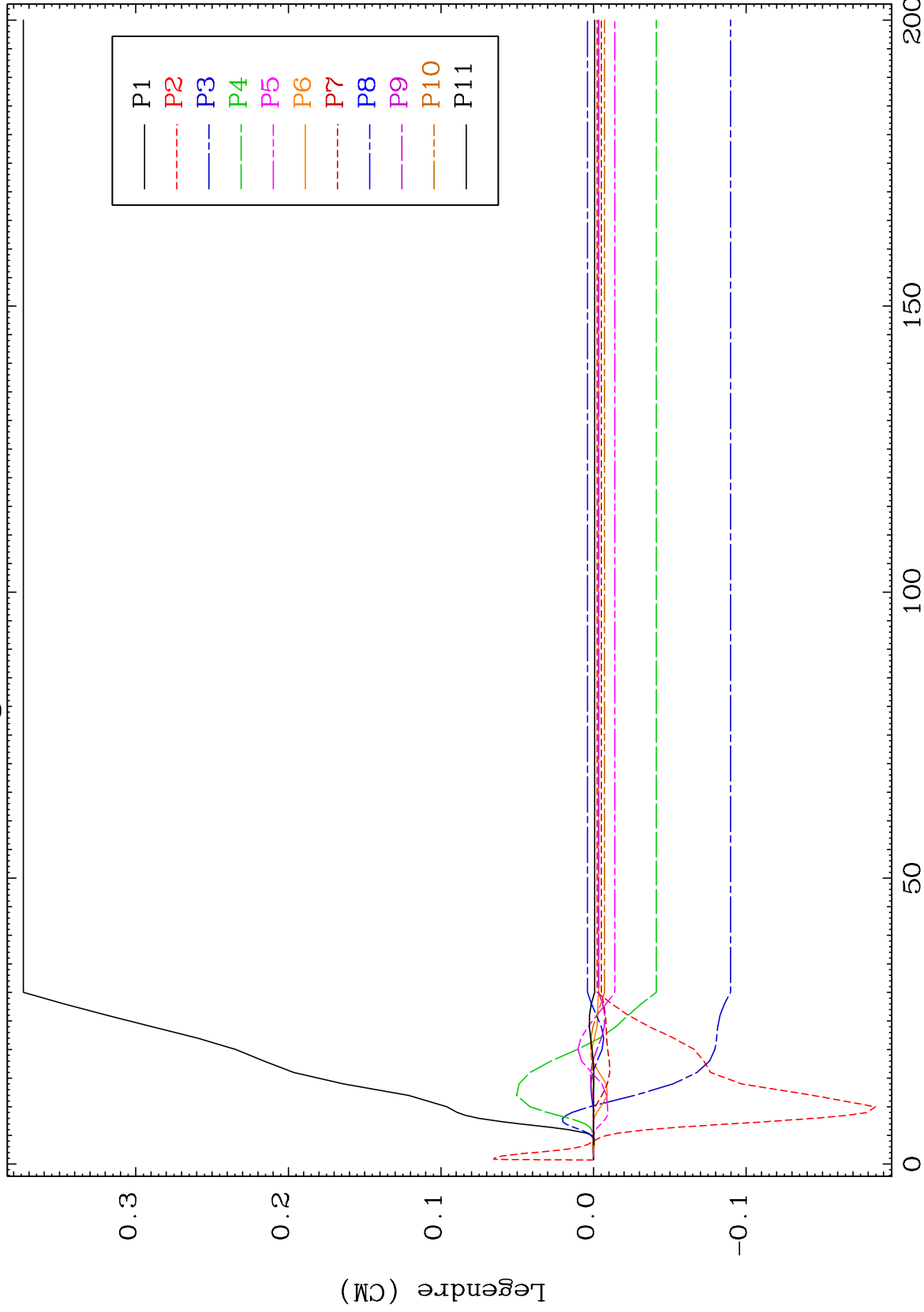


51 Incident Energy (MeV) 37-Rb-84

MAT 3722

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

37-Rb-84



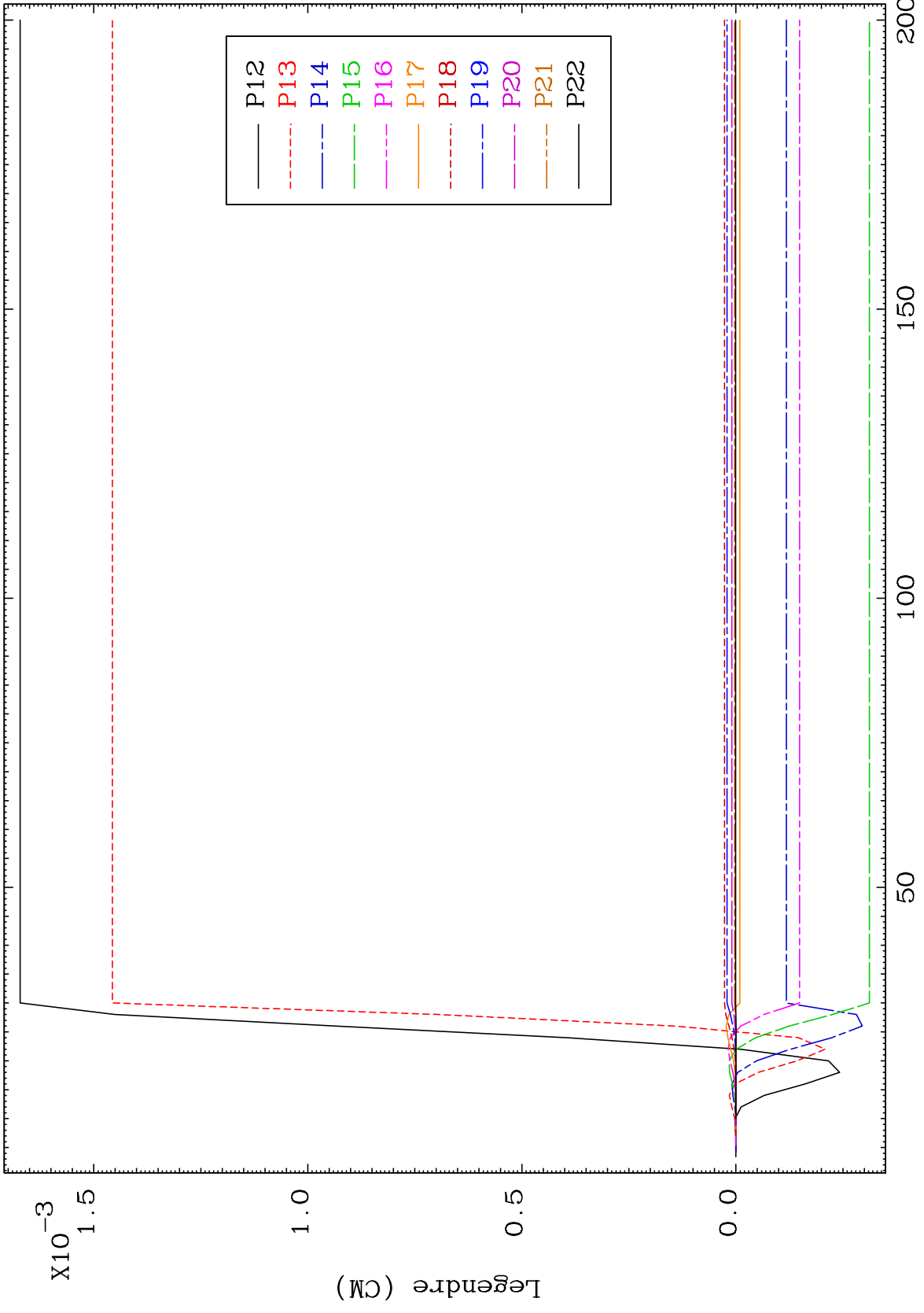
52

37-Rb-84

MAT 3722

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

37-Rb-84



53

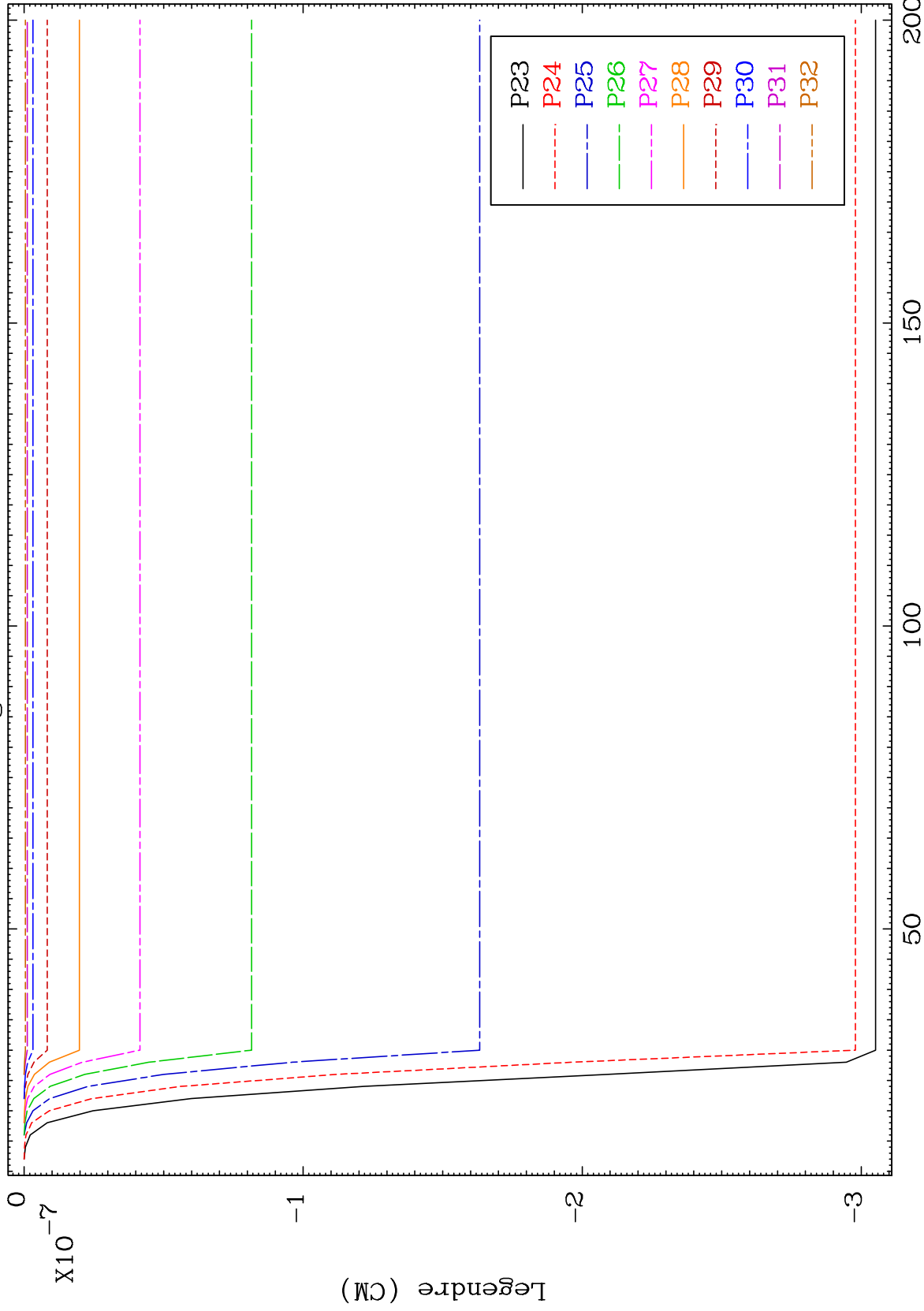
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



54

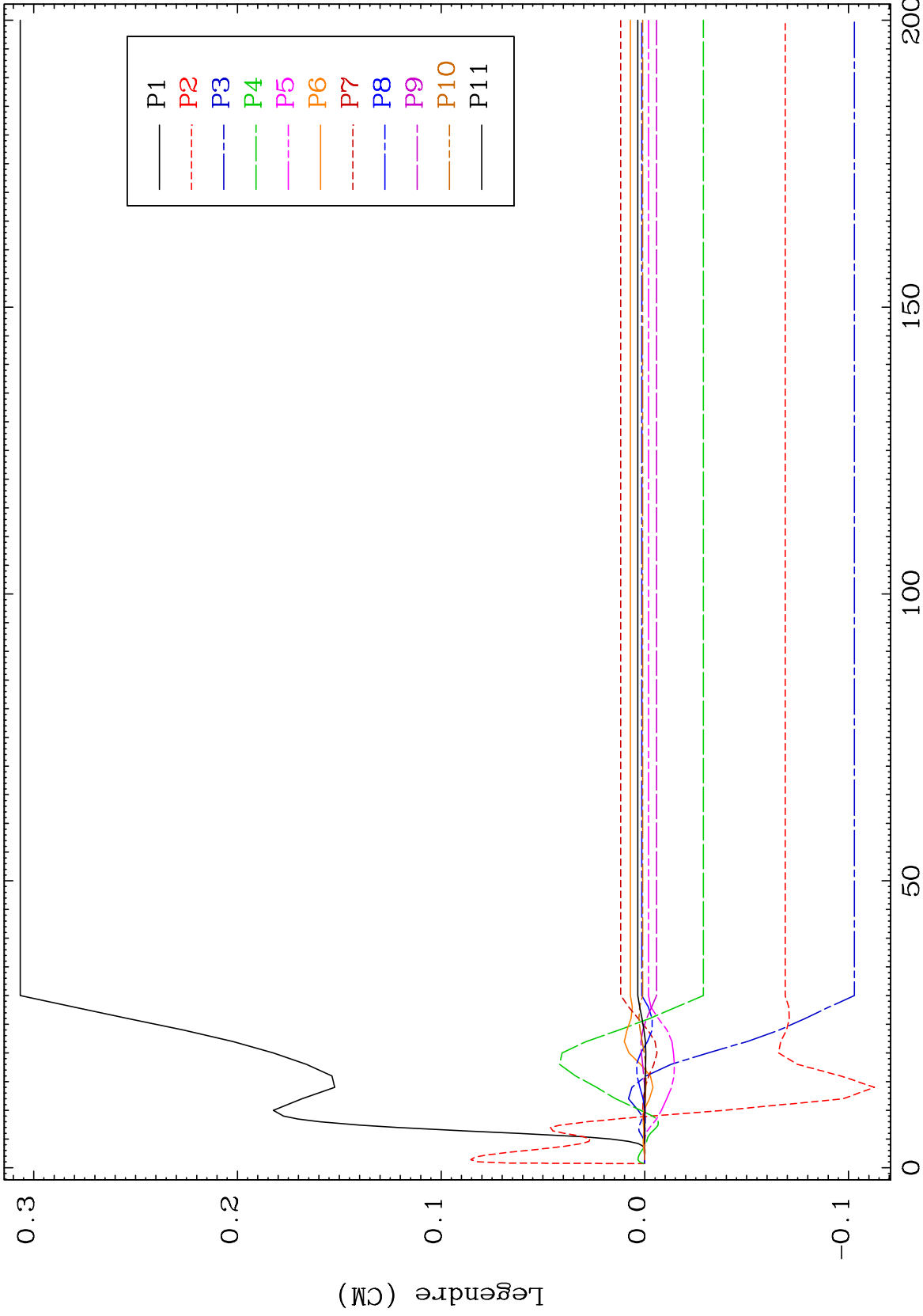
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



55

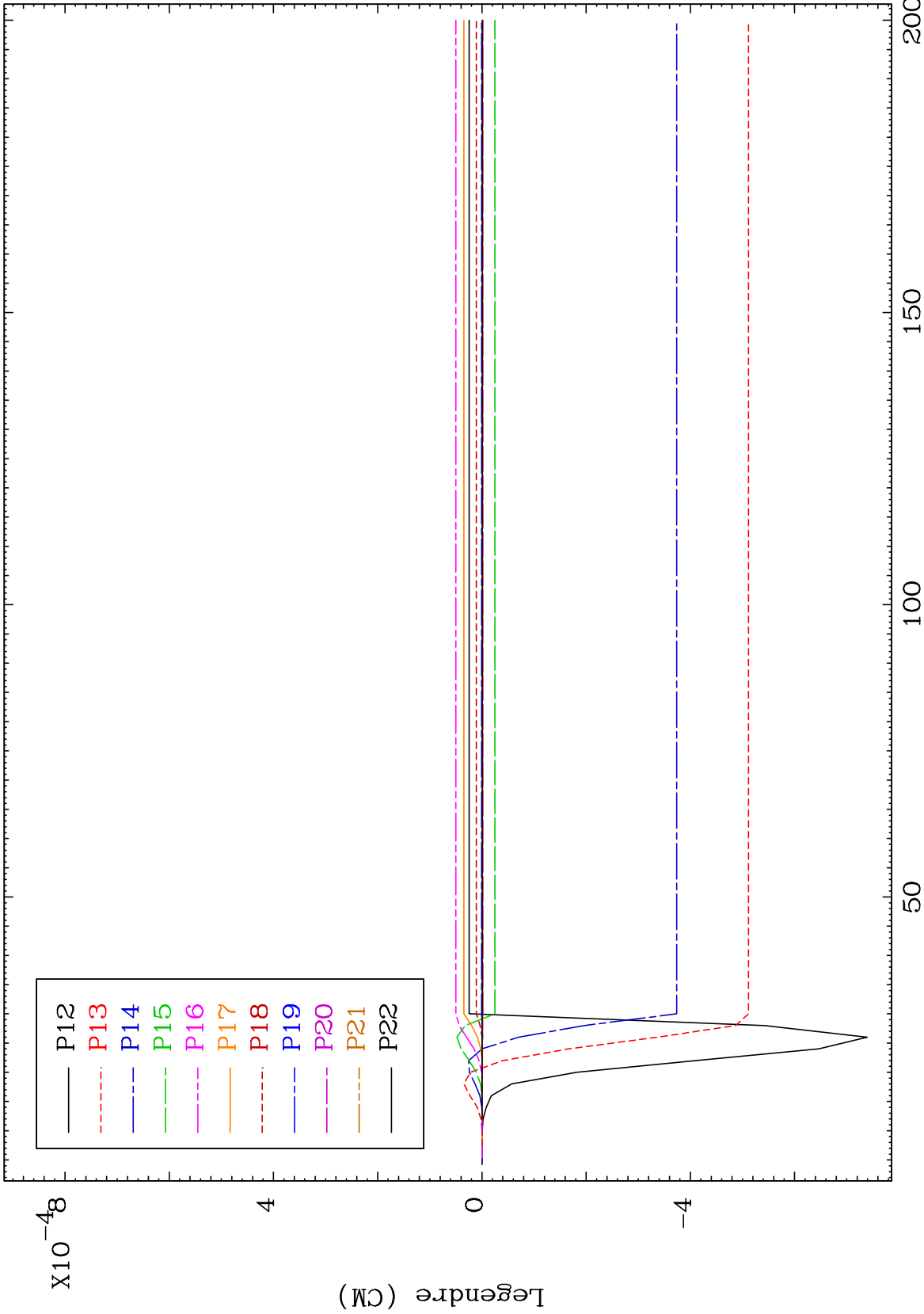
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



56

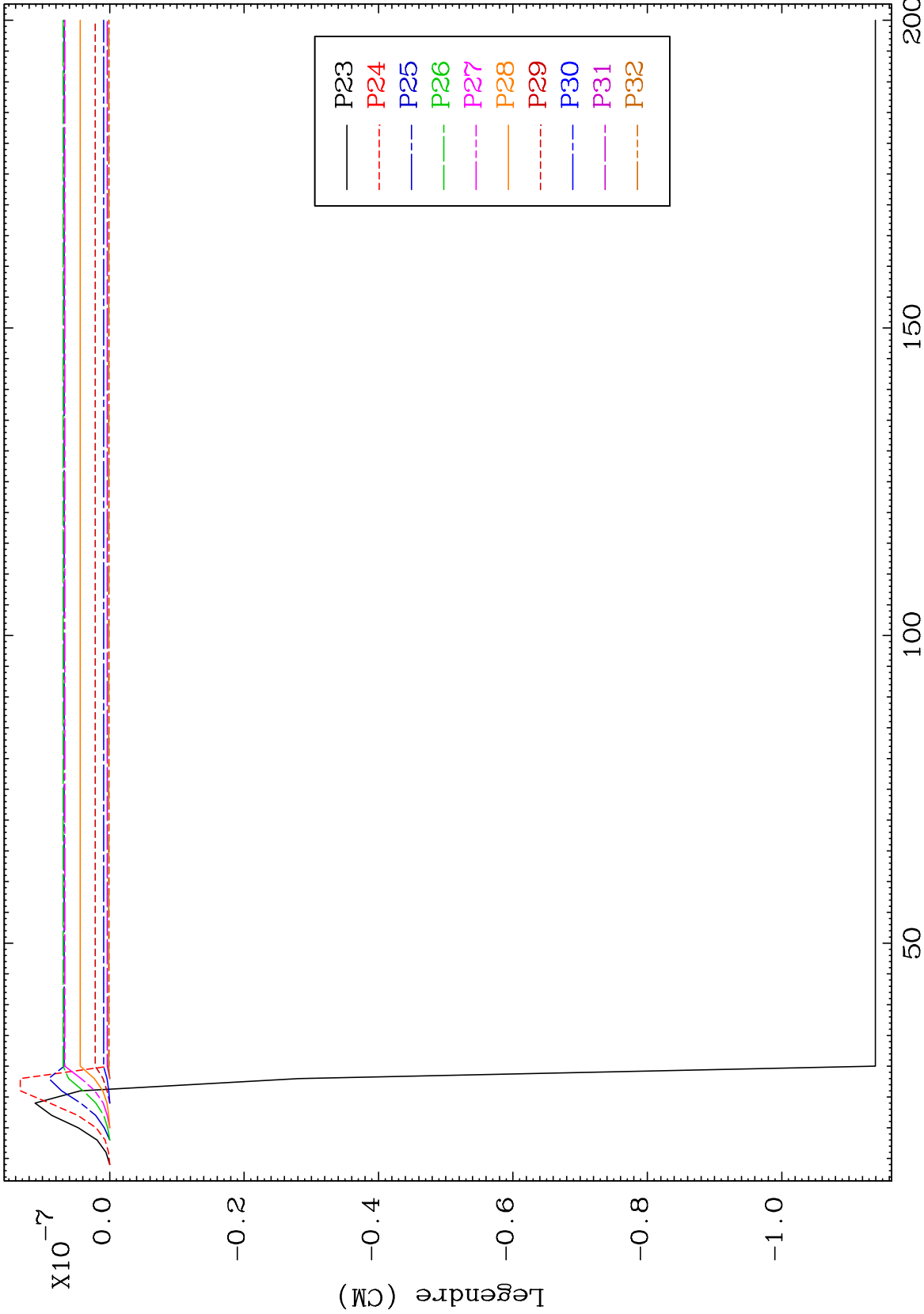
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



57

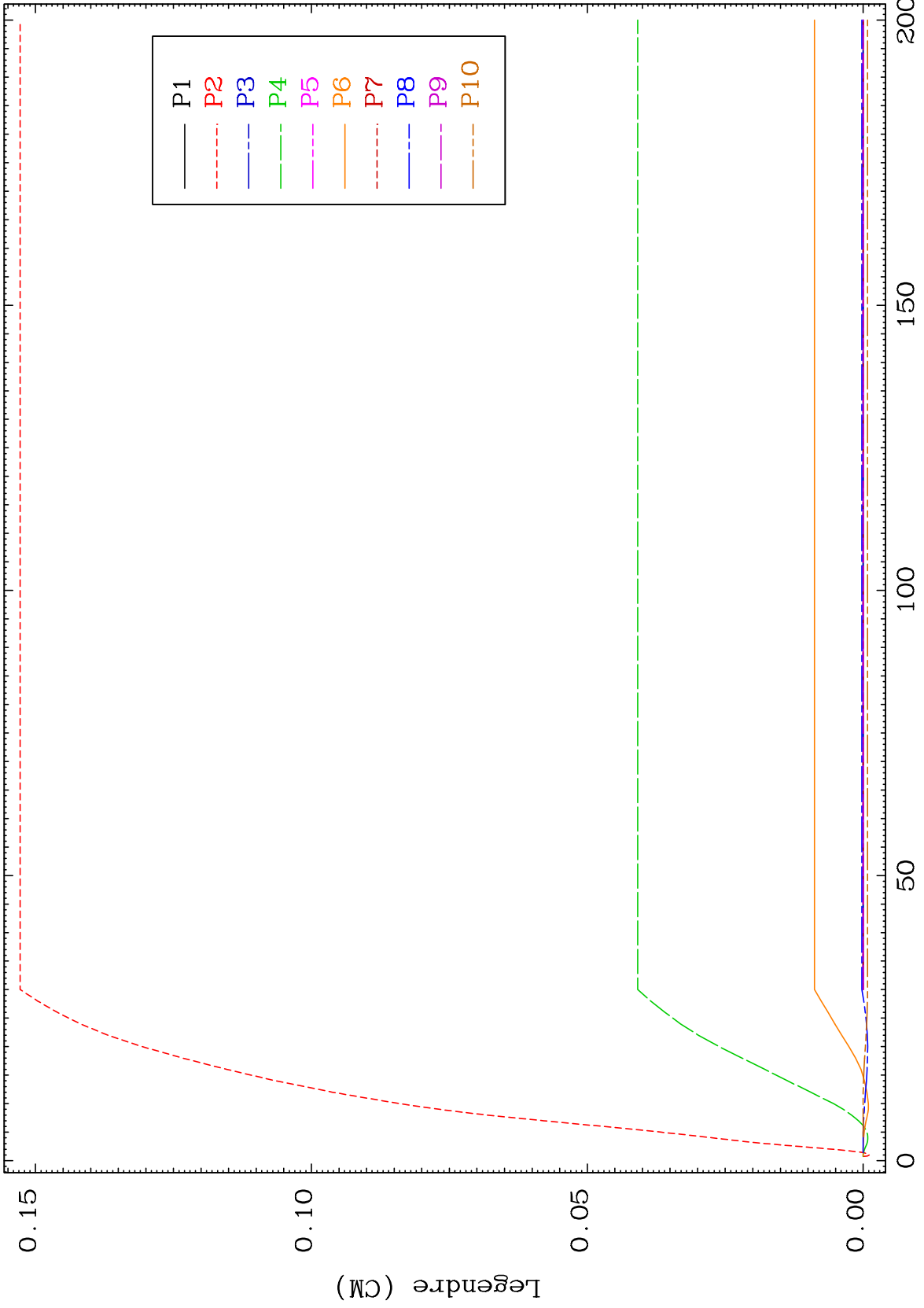
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



58

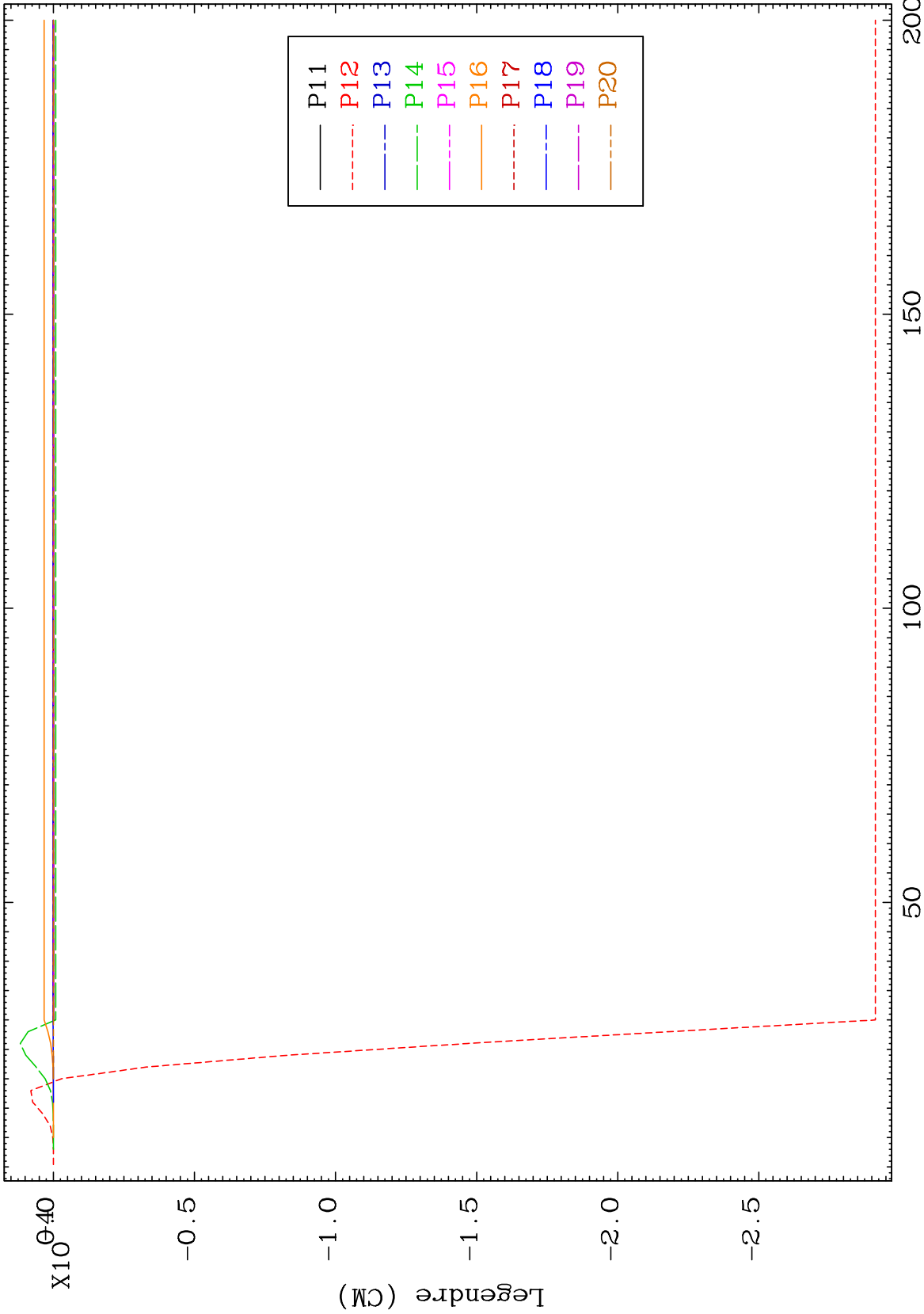
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



59

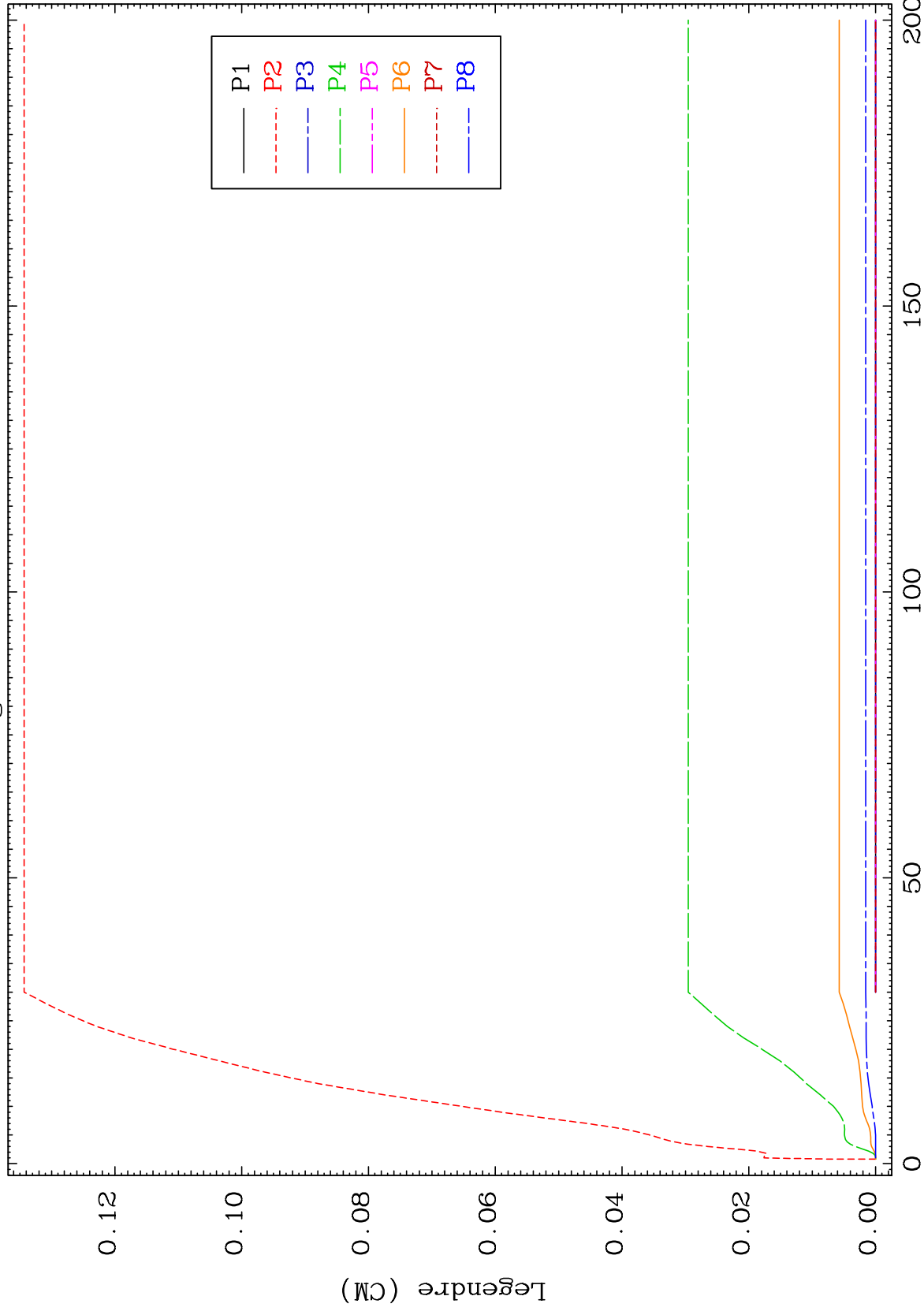
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



60

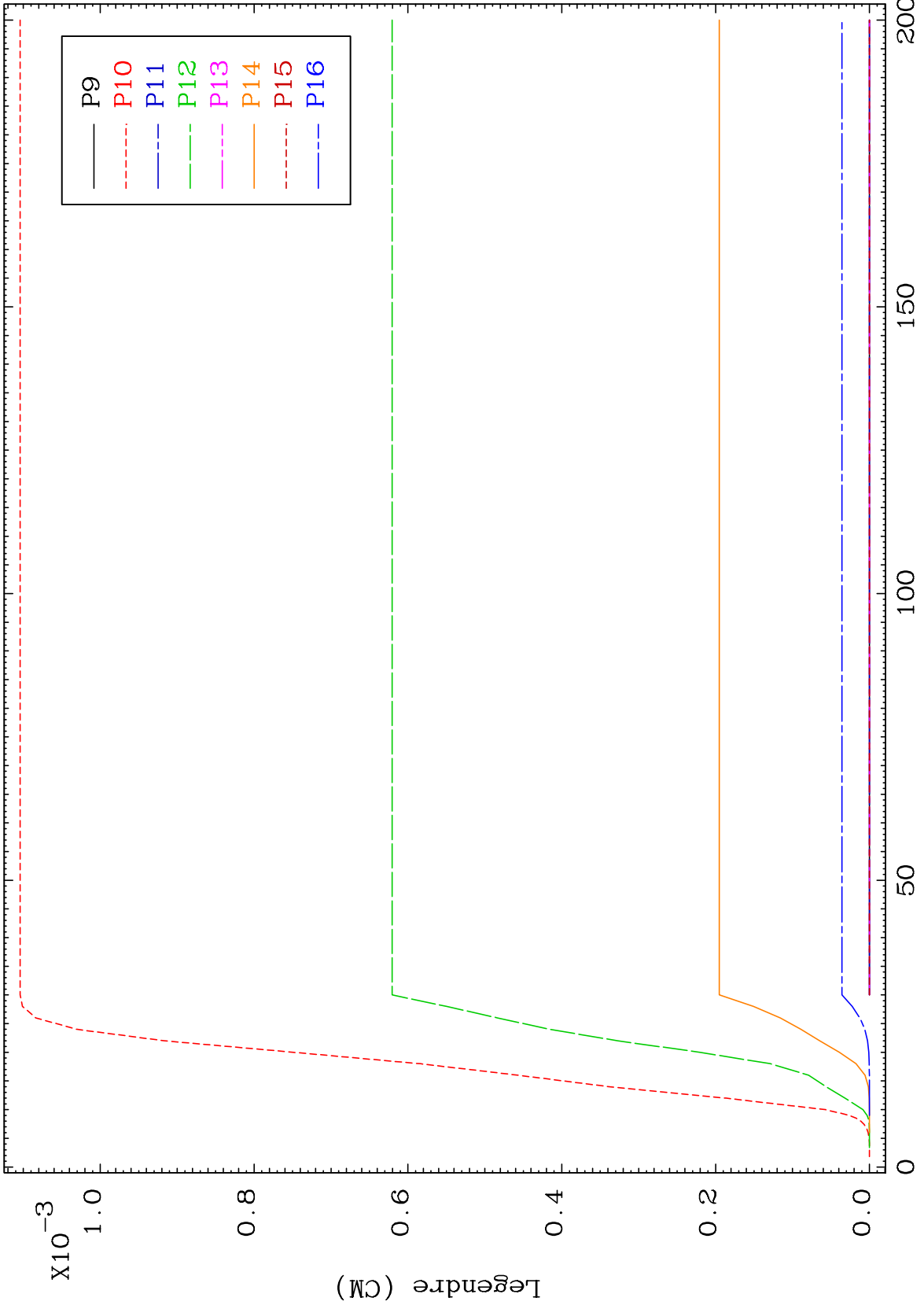
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



61

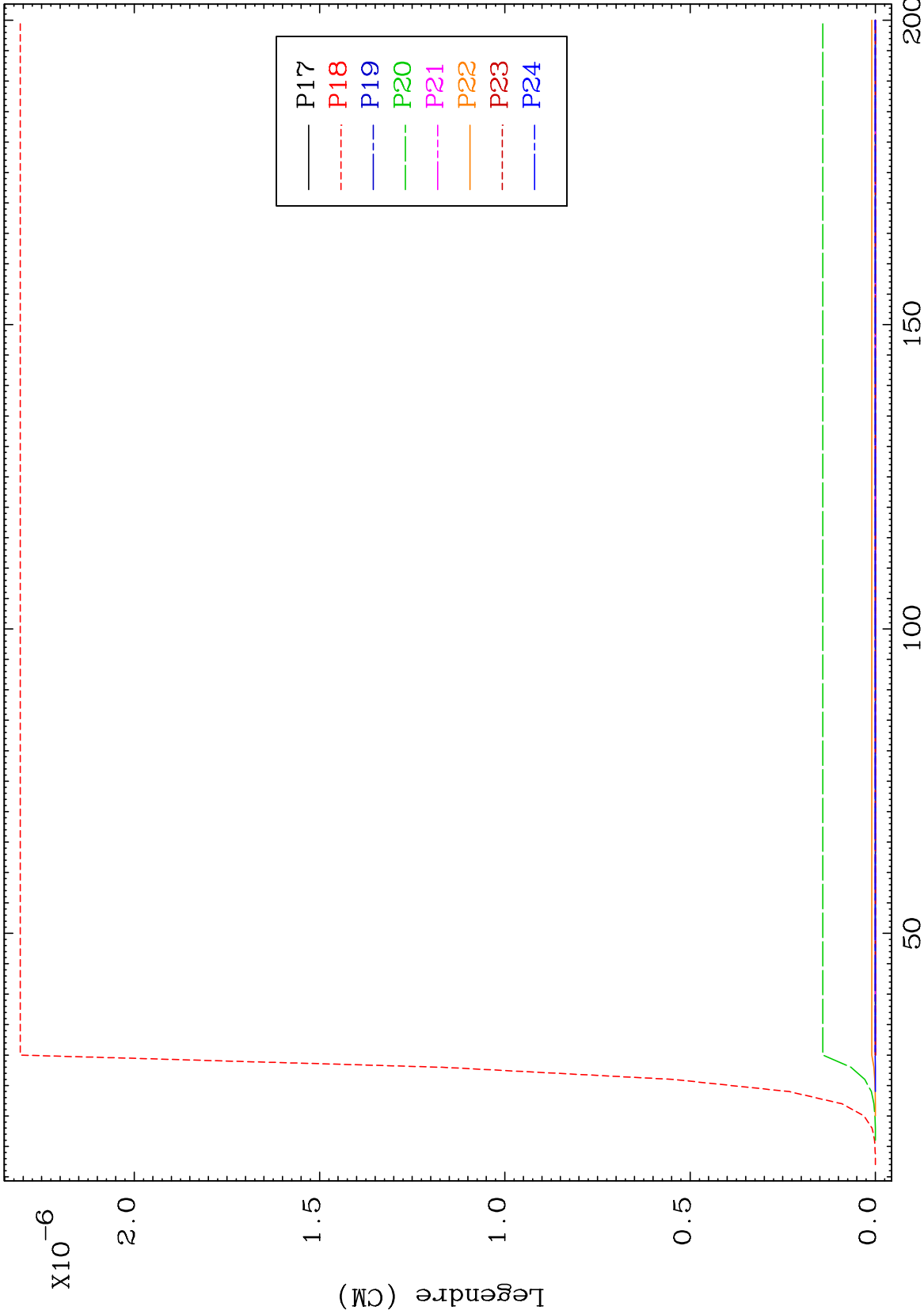
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



62

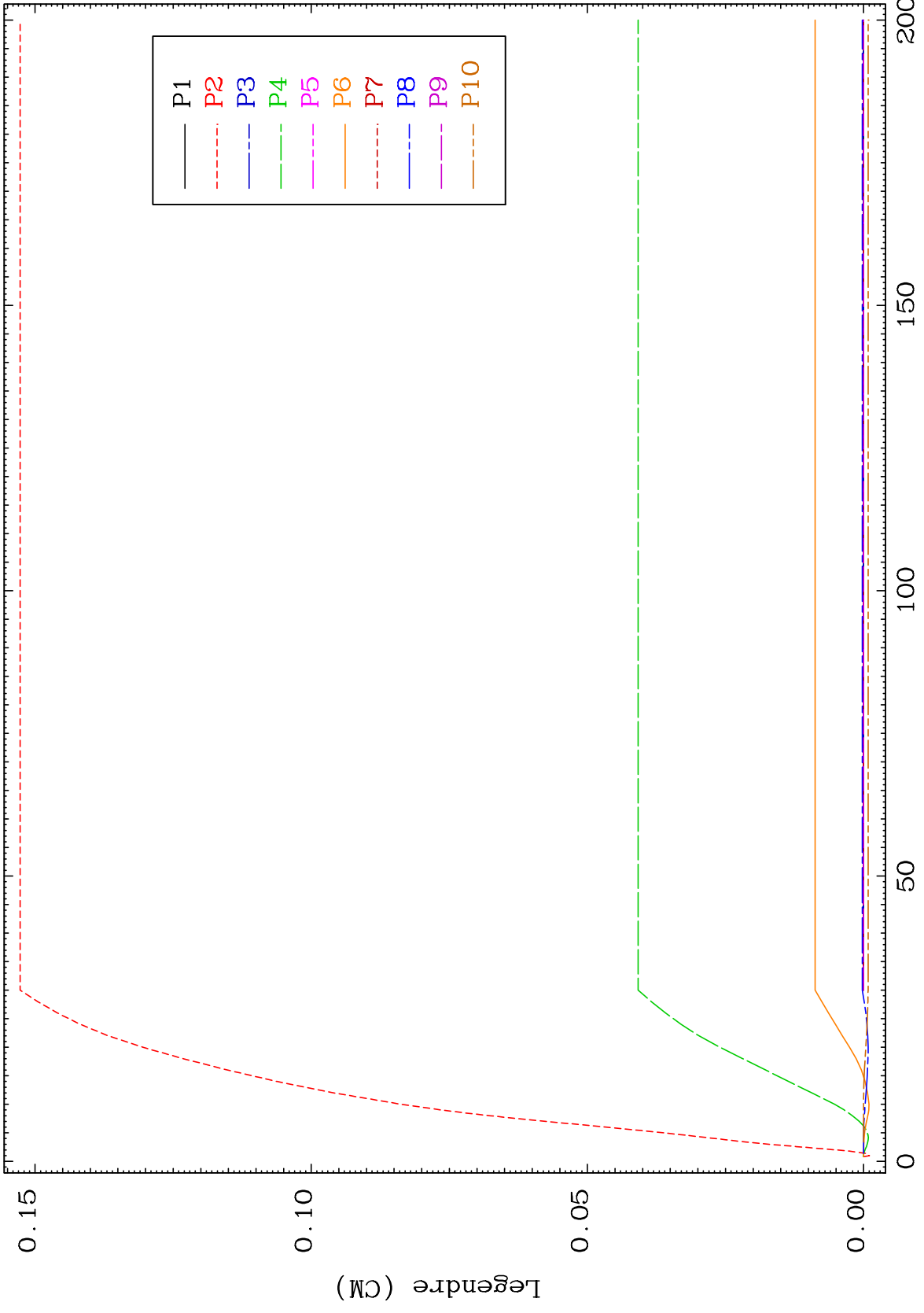
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



63

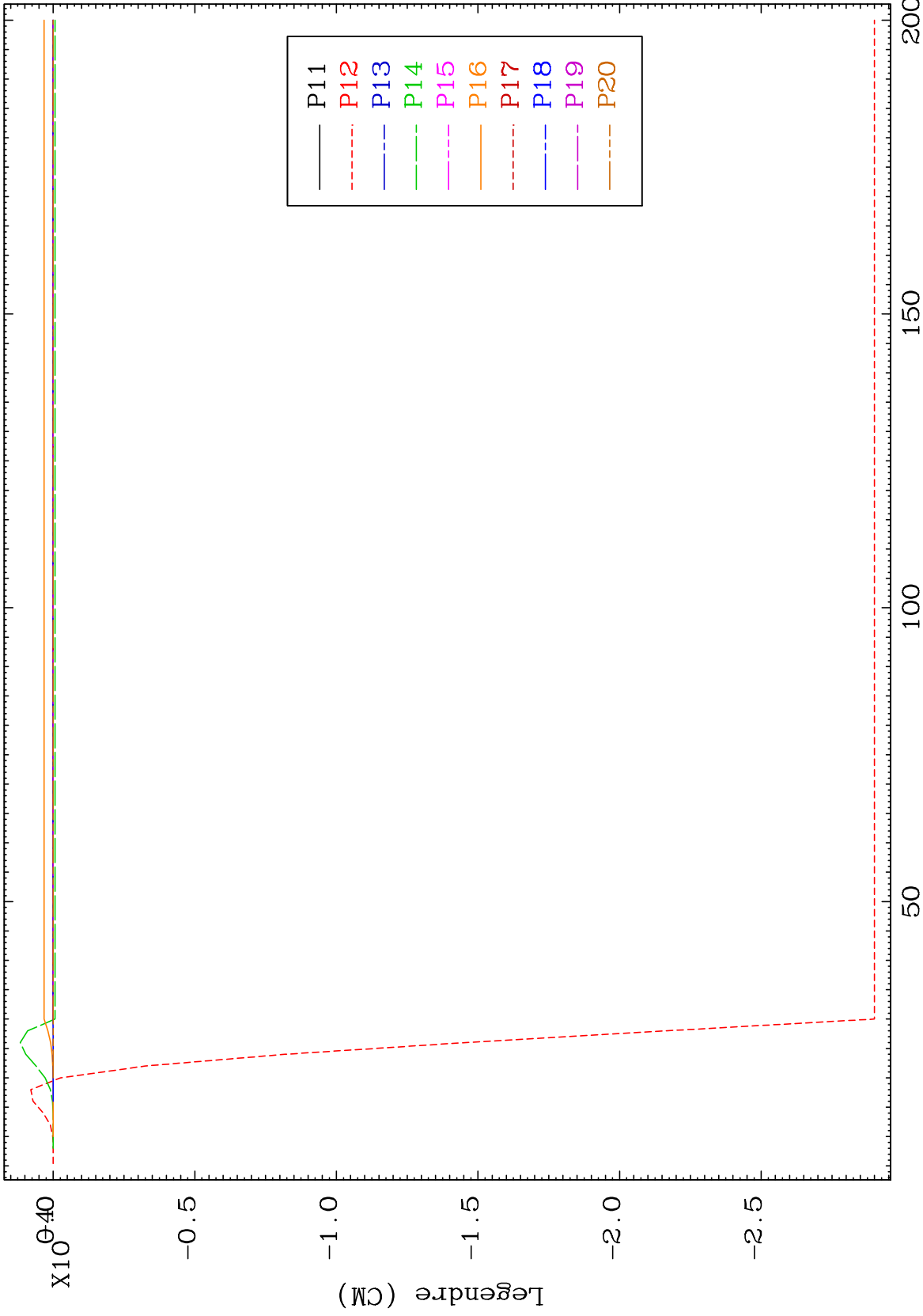
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



64

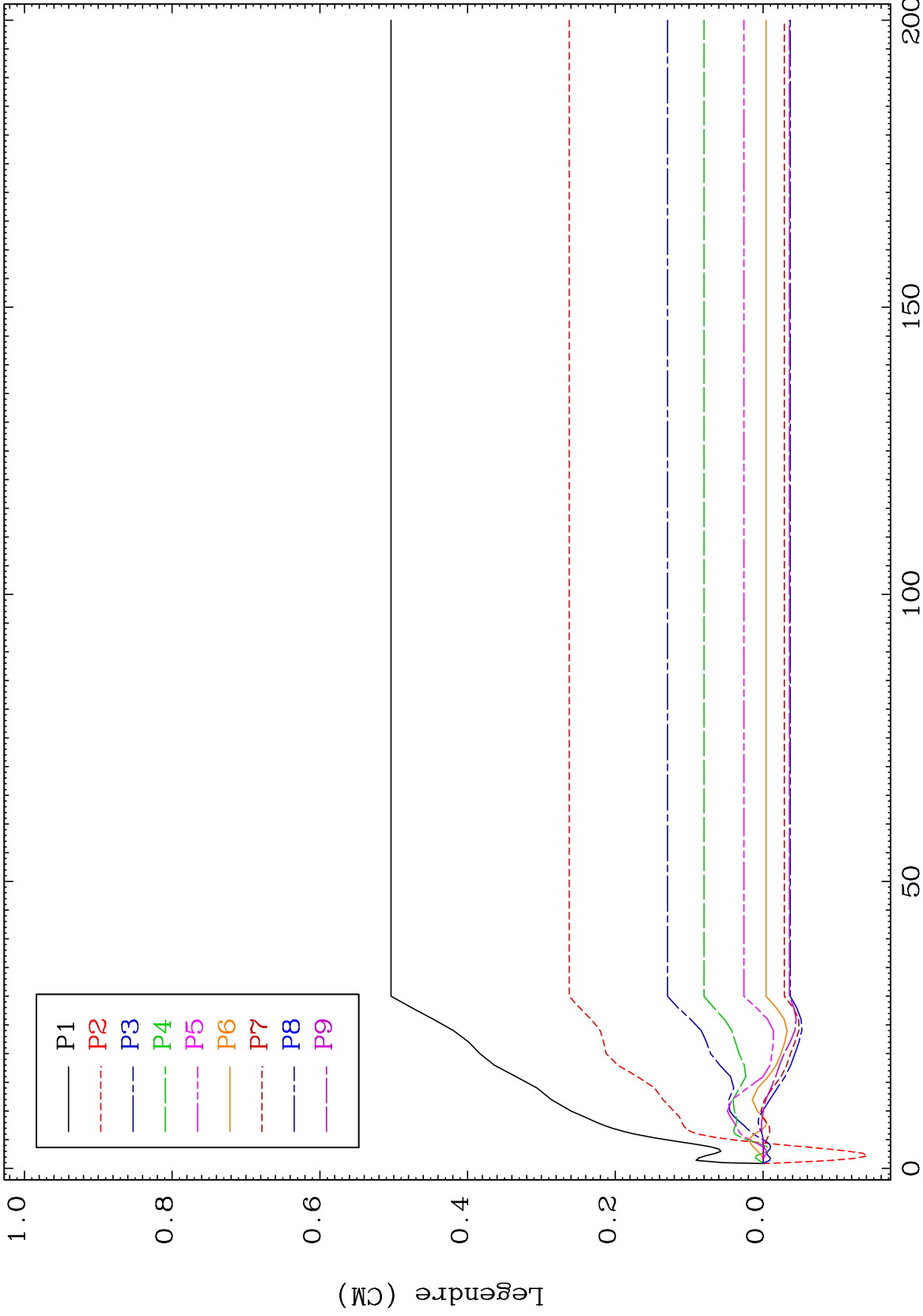
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

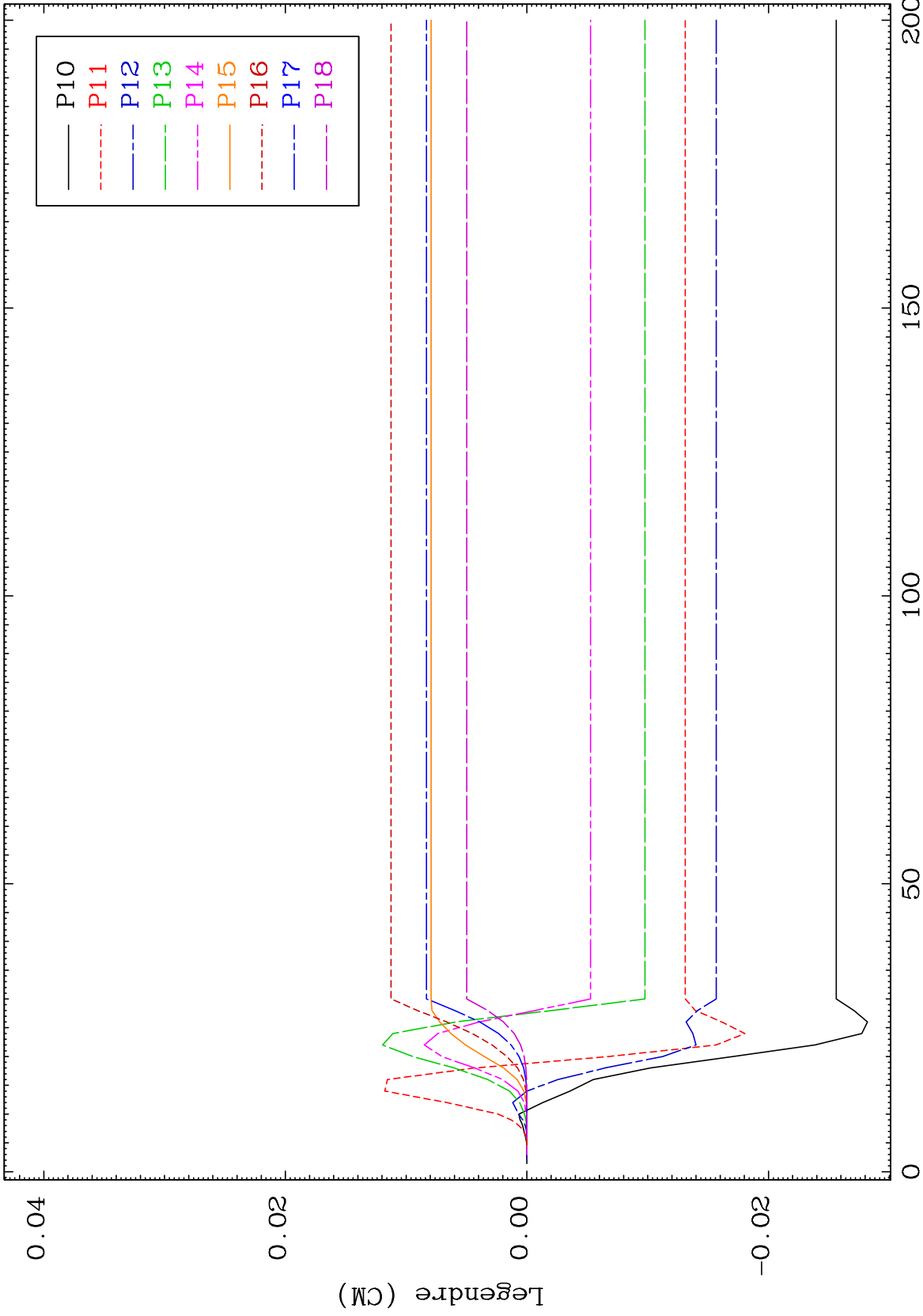
Incident Energy (MeV)

65

MAT 3722

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

37-Rb-84



66

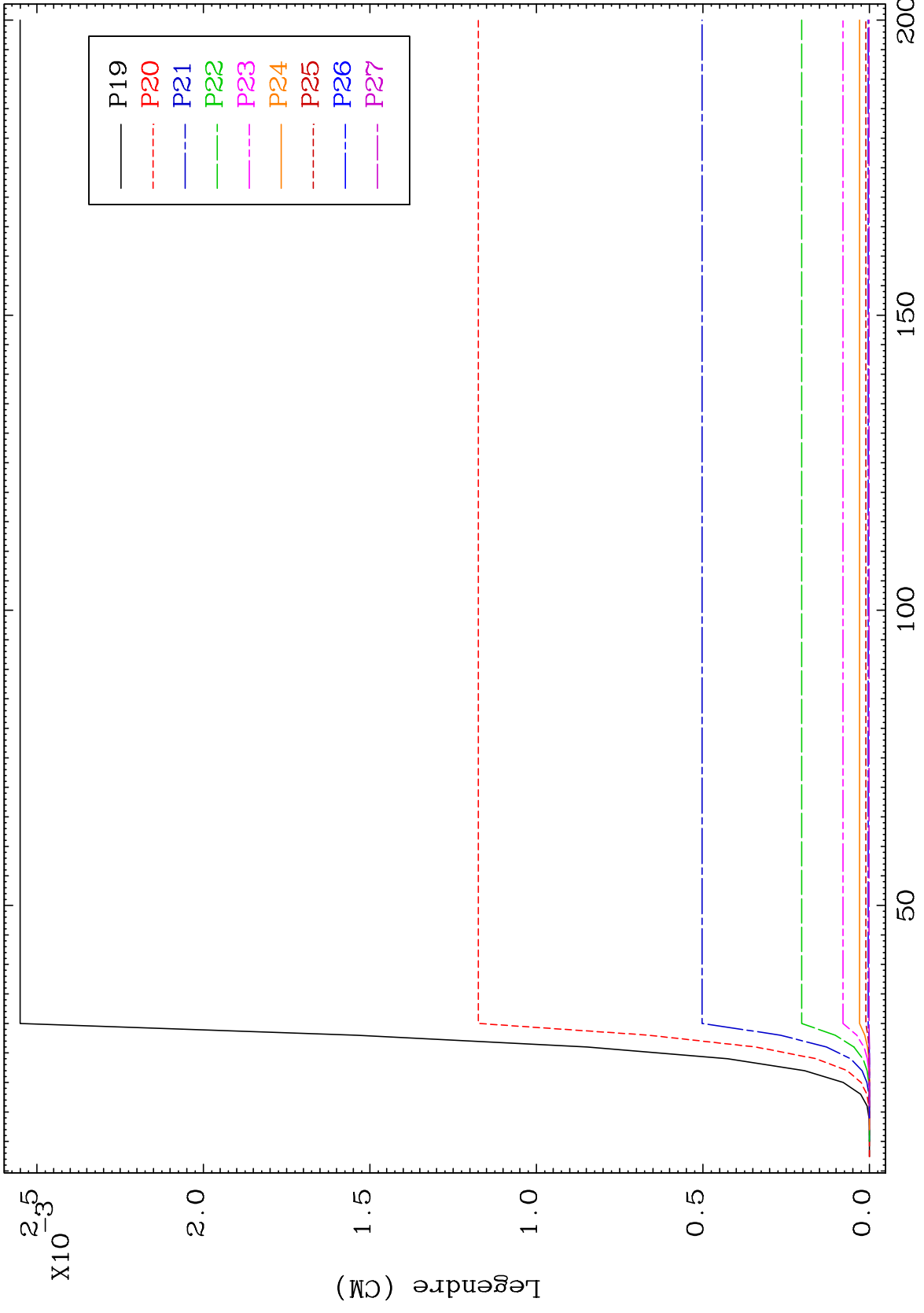
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



67

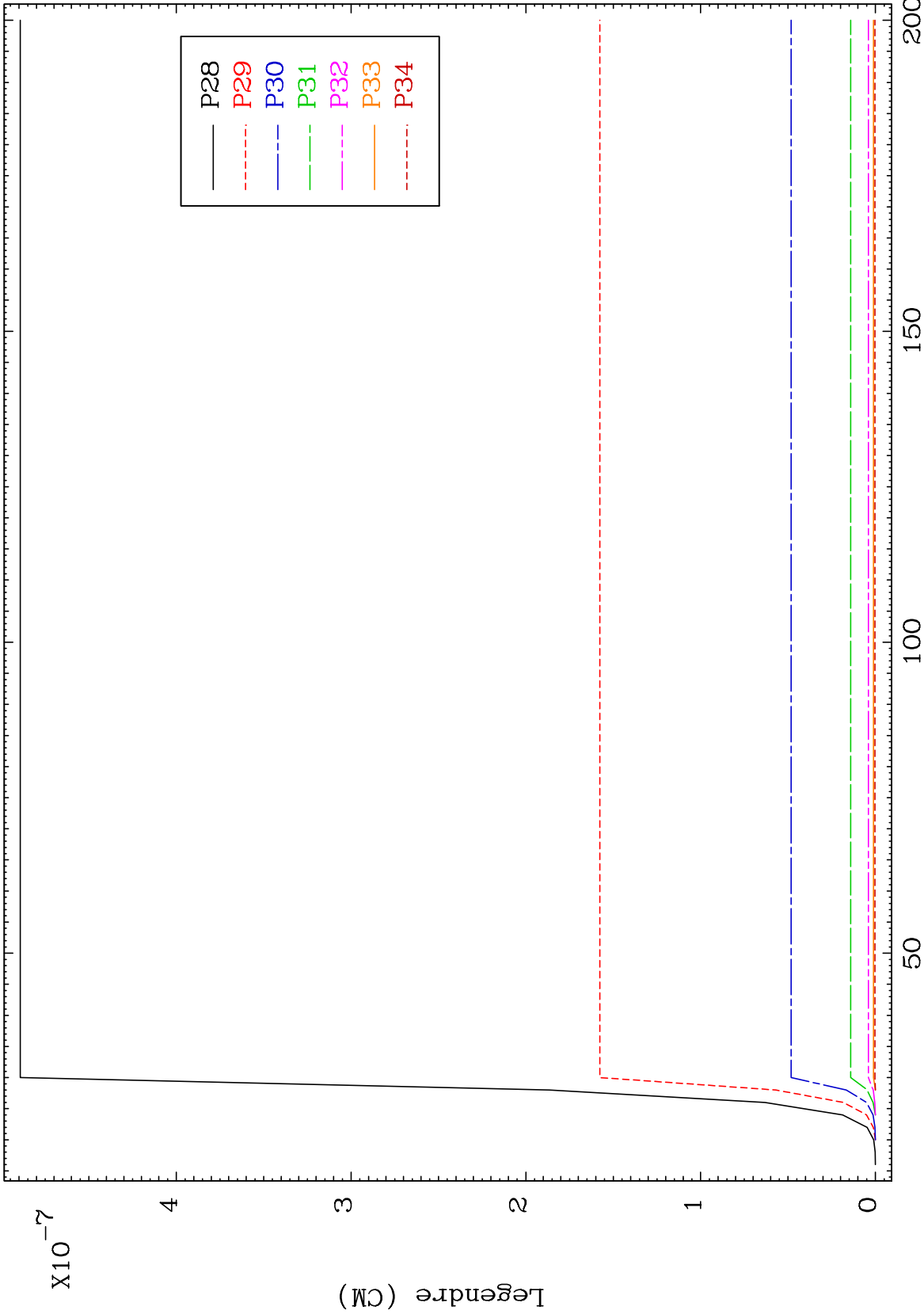
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



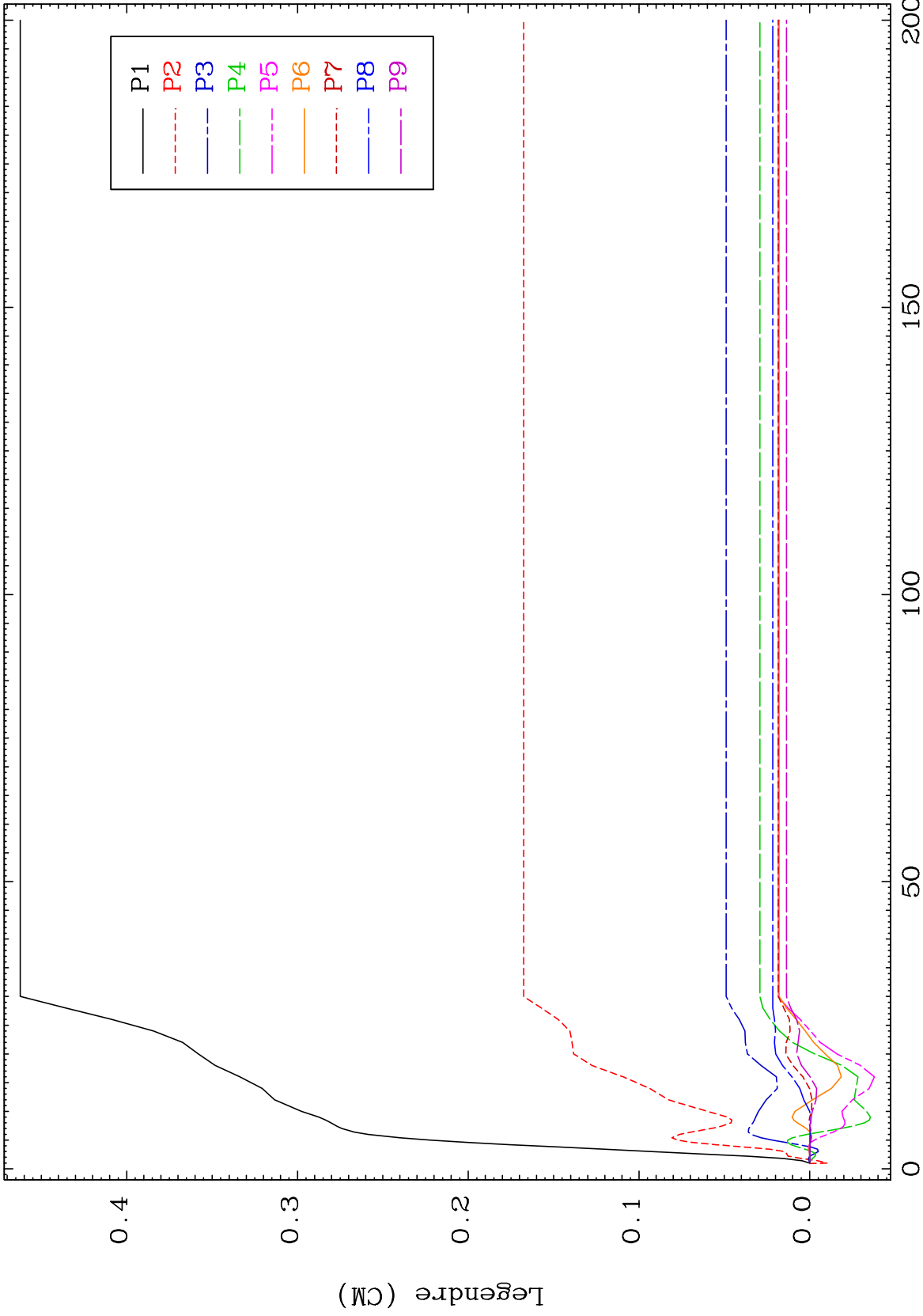
68

37-Rb-84

MAT 3722

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

37-Rb-84



69

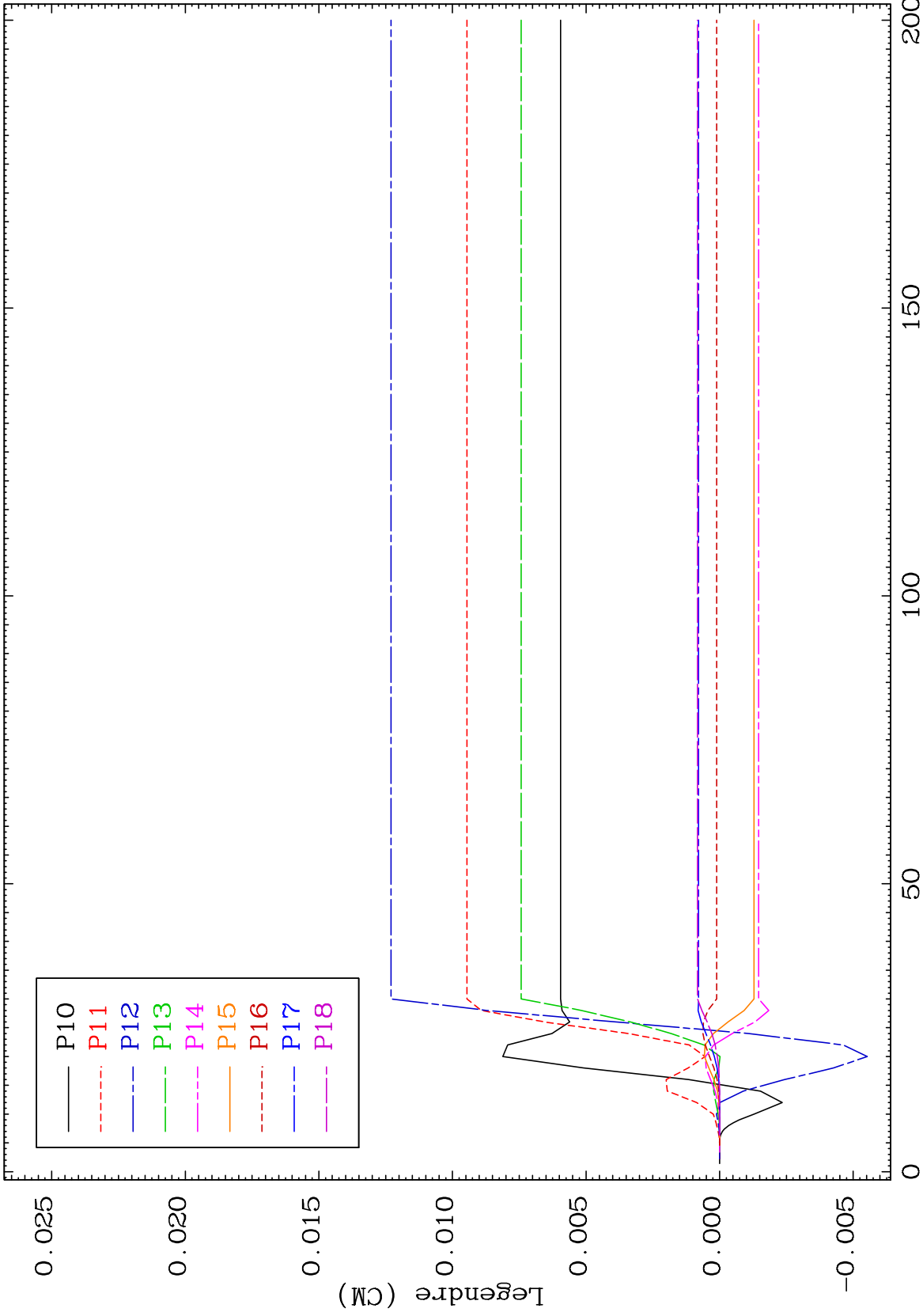
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



70

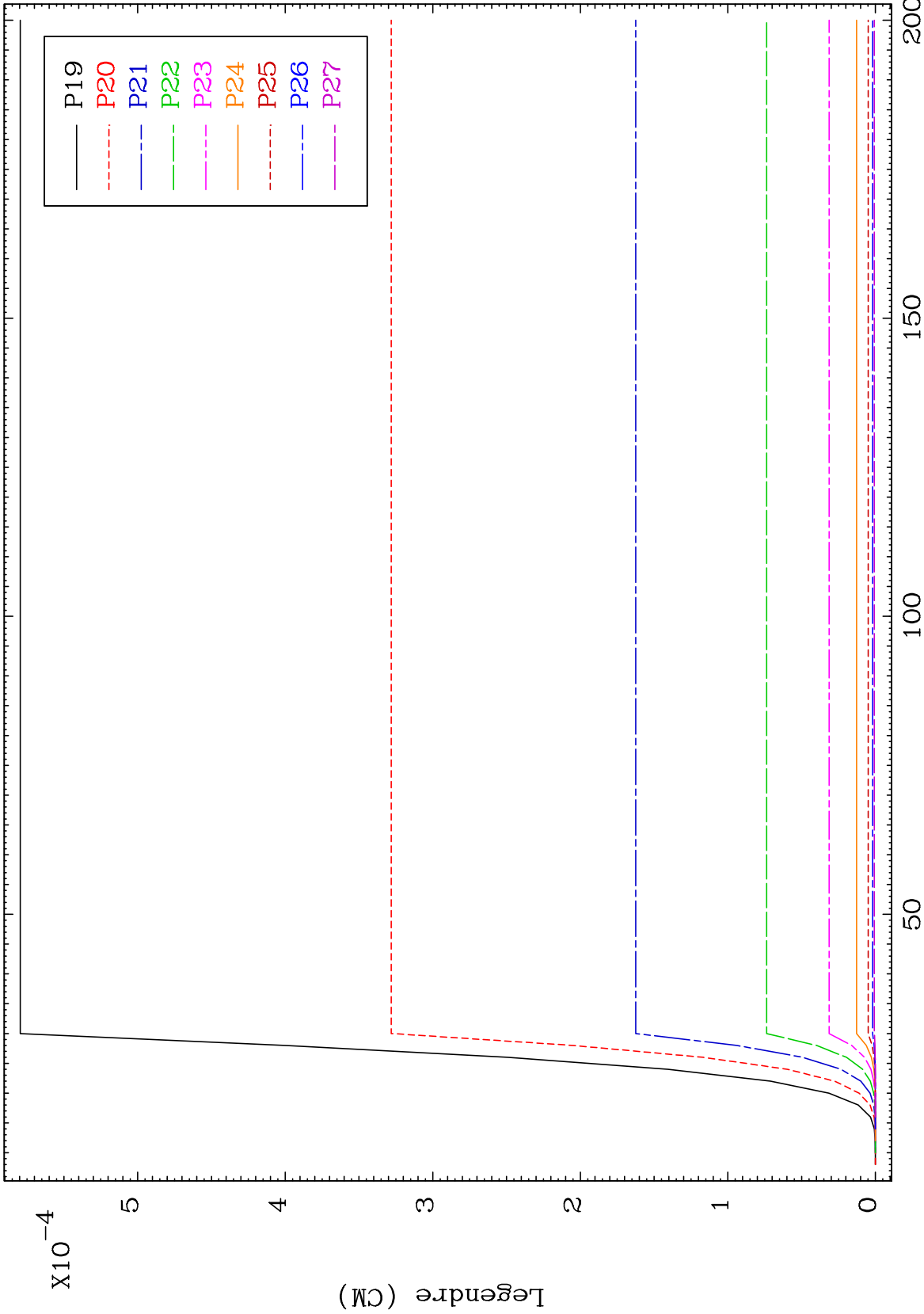
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



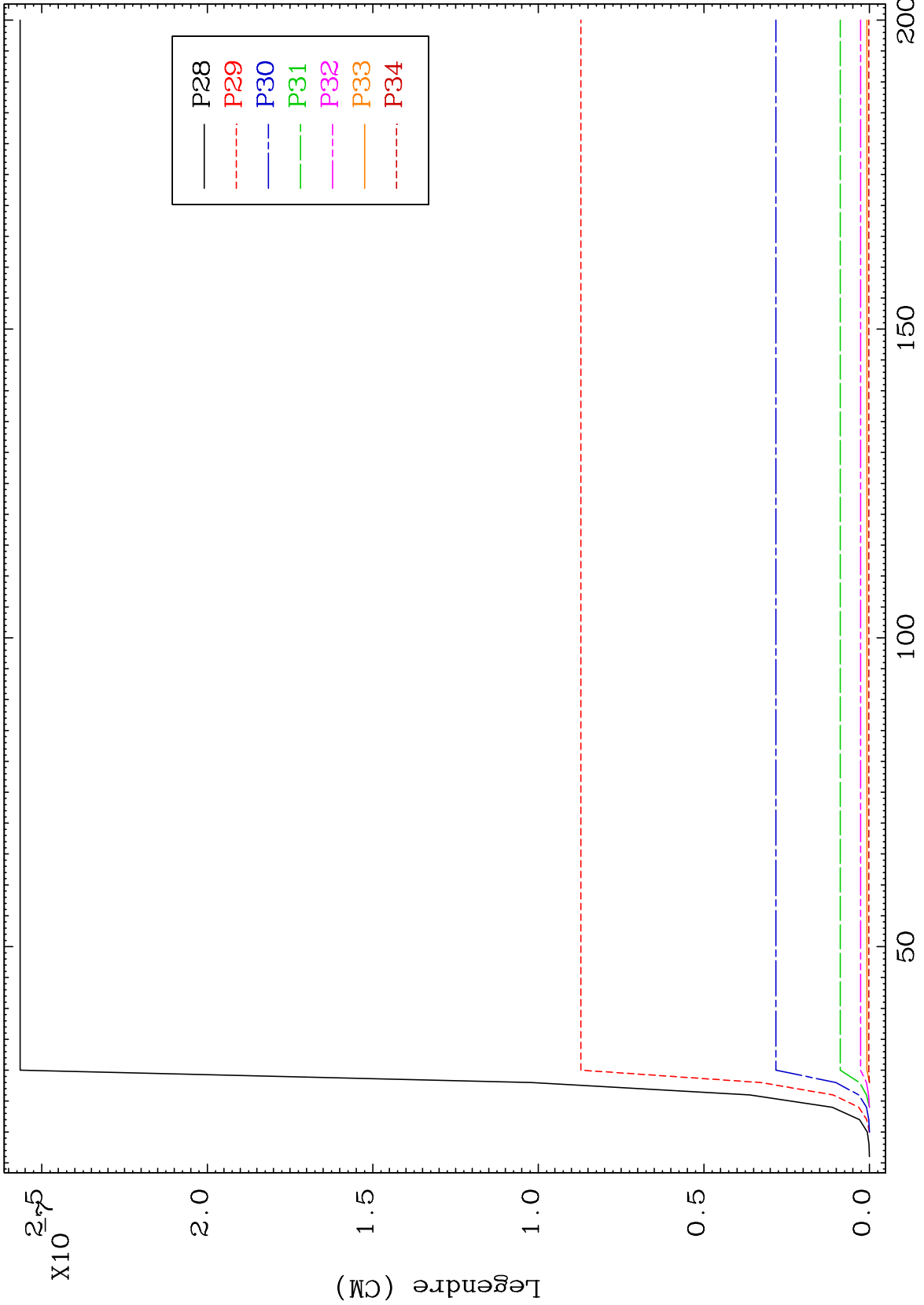
71

37-Rb-84

MAT 3722

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

37-Rb-84



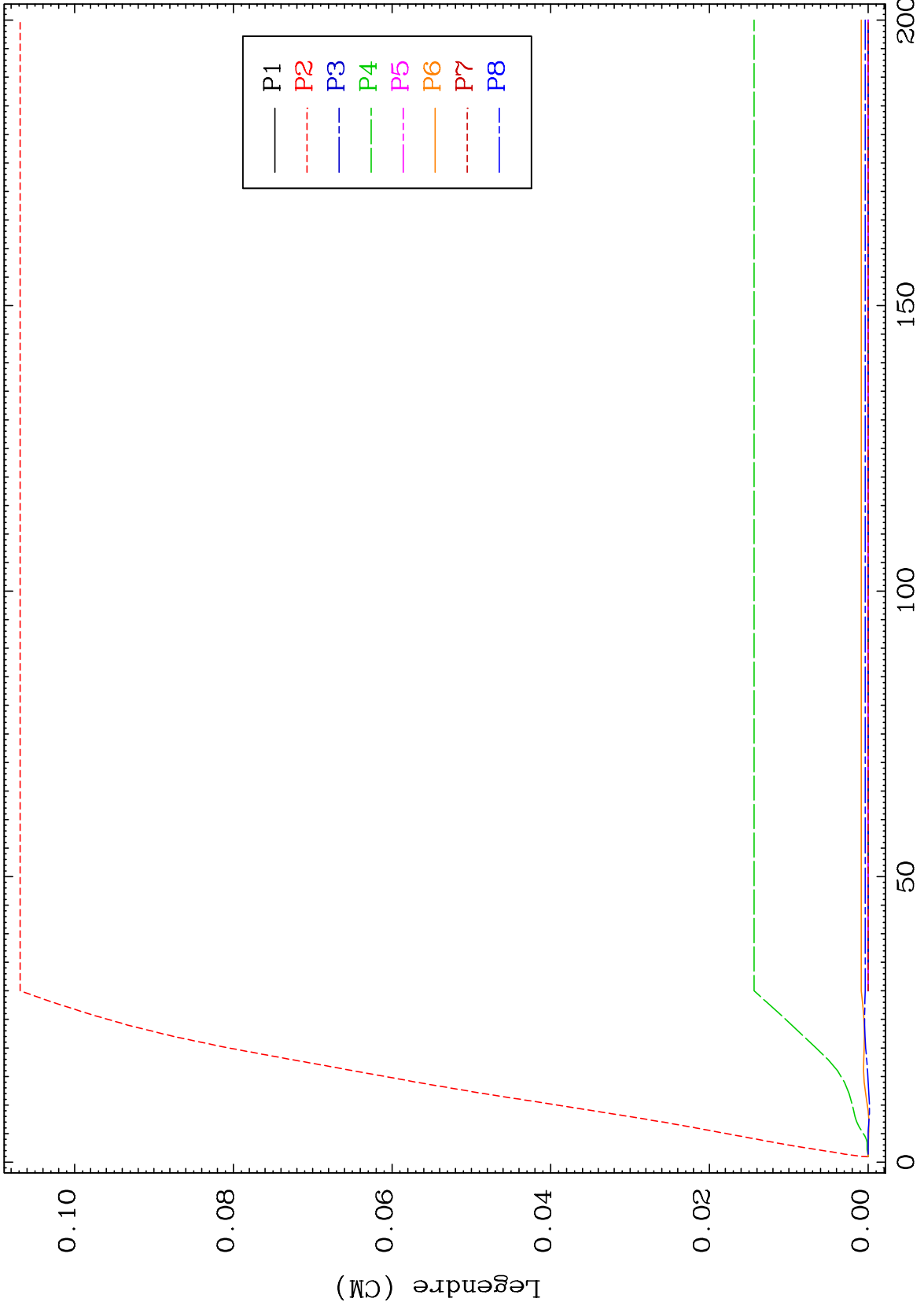
72

37-Rb-84

MAT 3722

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

37-Rb-84



73

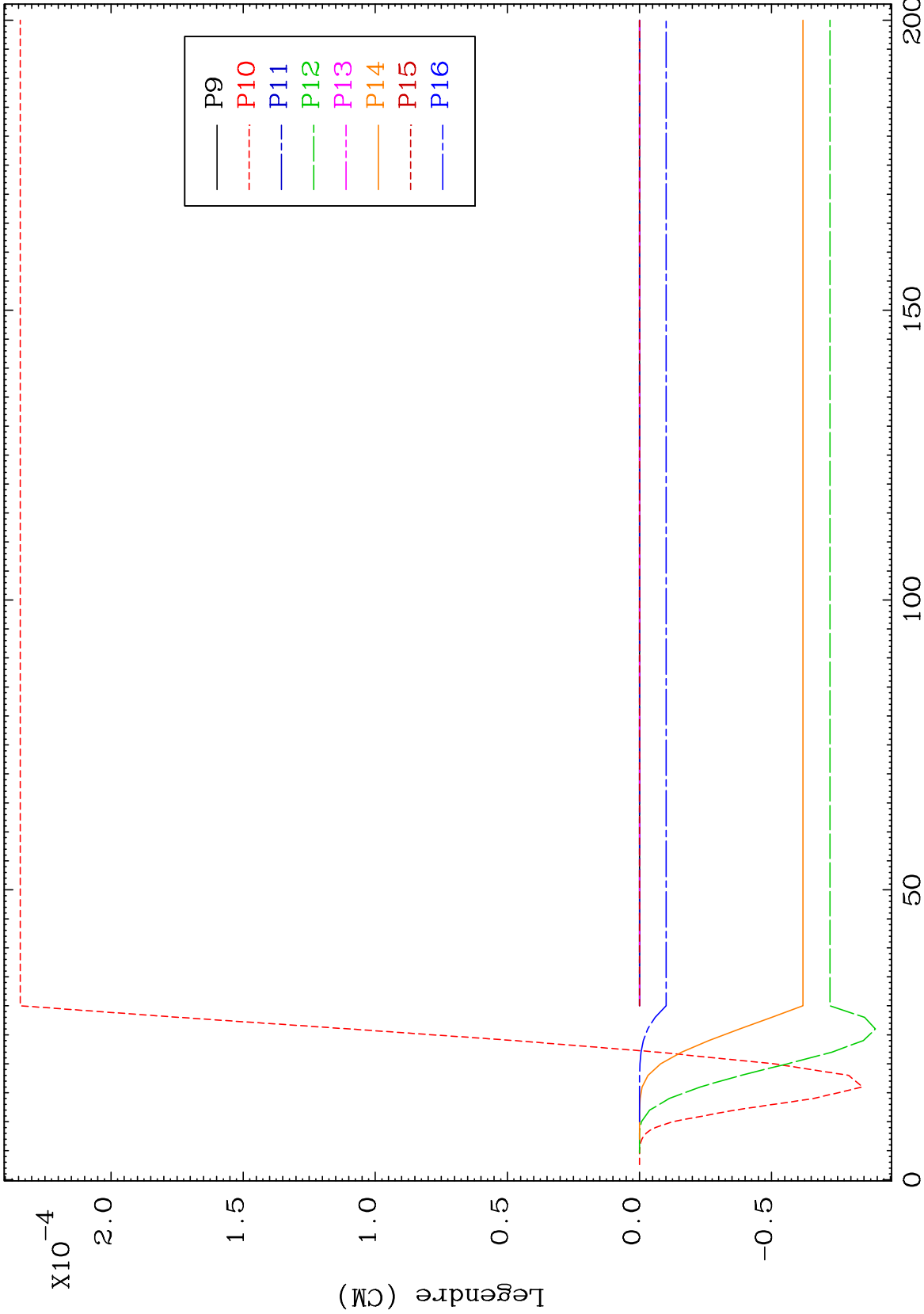
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84

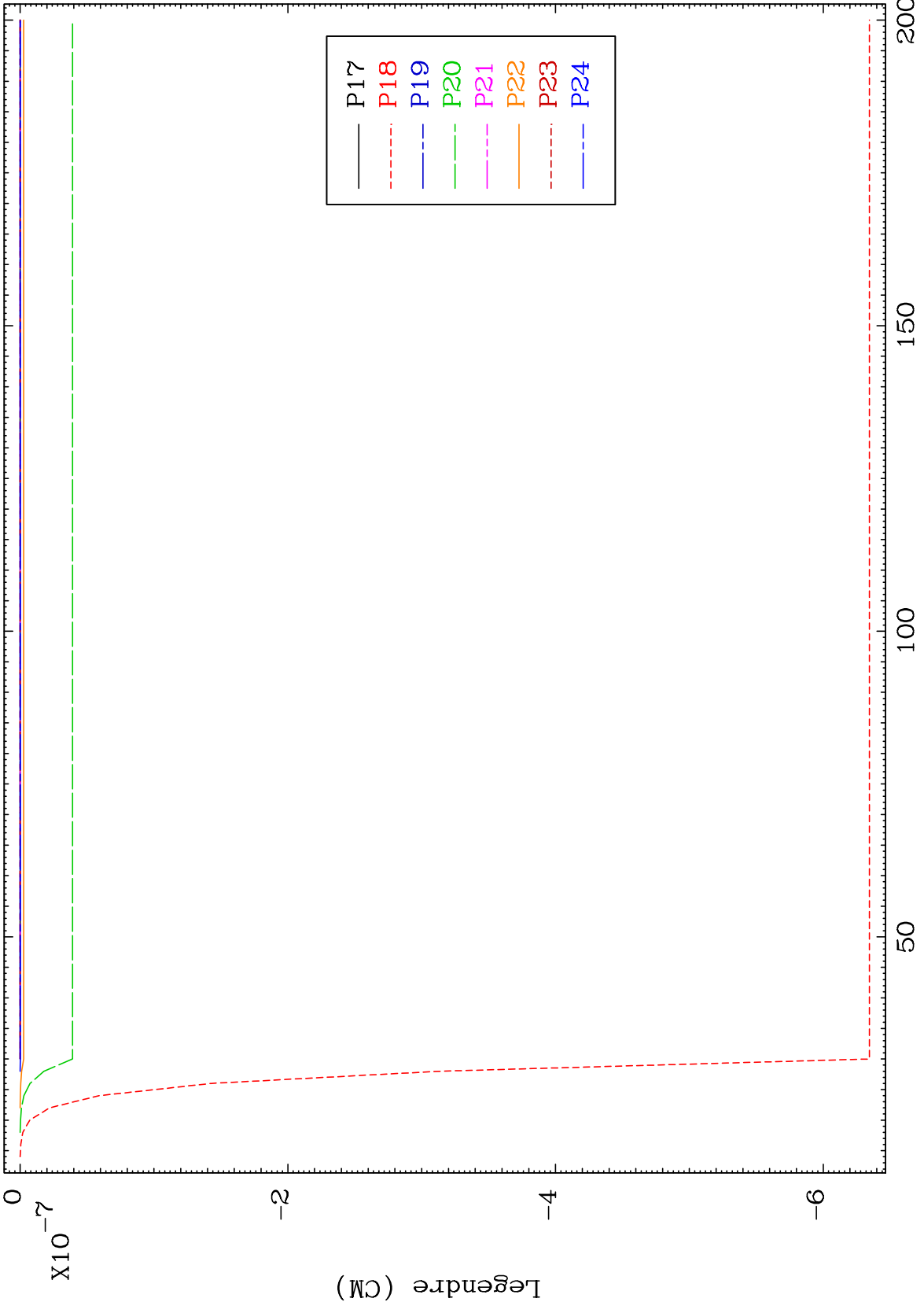


74

Incident Energy (MeV)

37-Rb-84

MAT 3722 MT= 68 (n,n') Level Legendre Coefficients 37-Rb-84

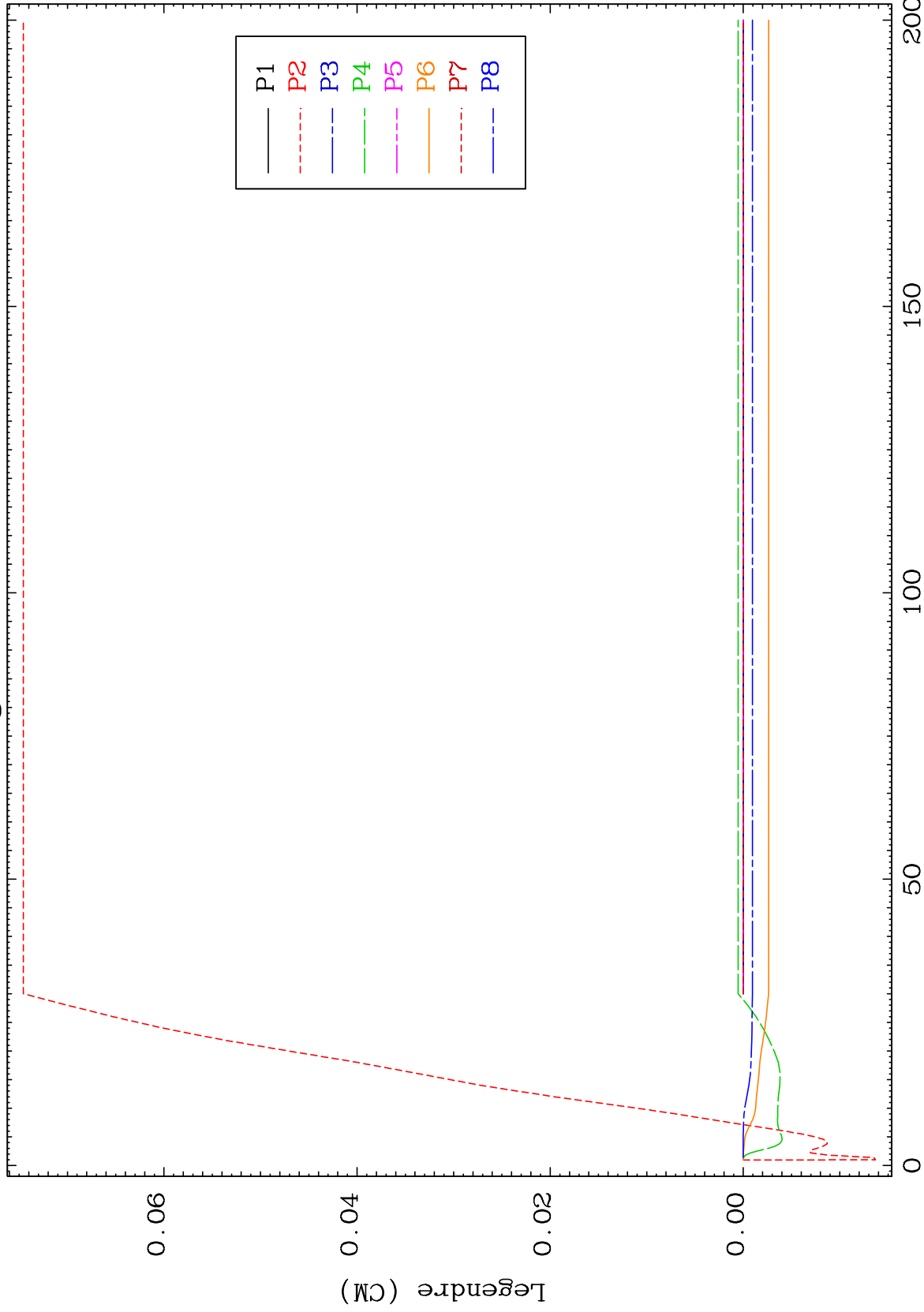


75 Incident Energy (MeV) 200 37-Rb-84

MAT 3722

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

37-Rb-84



76

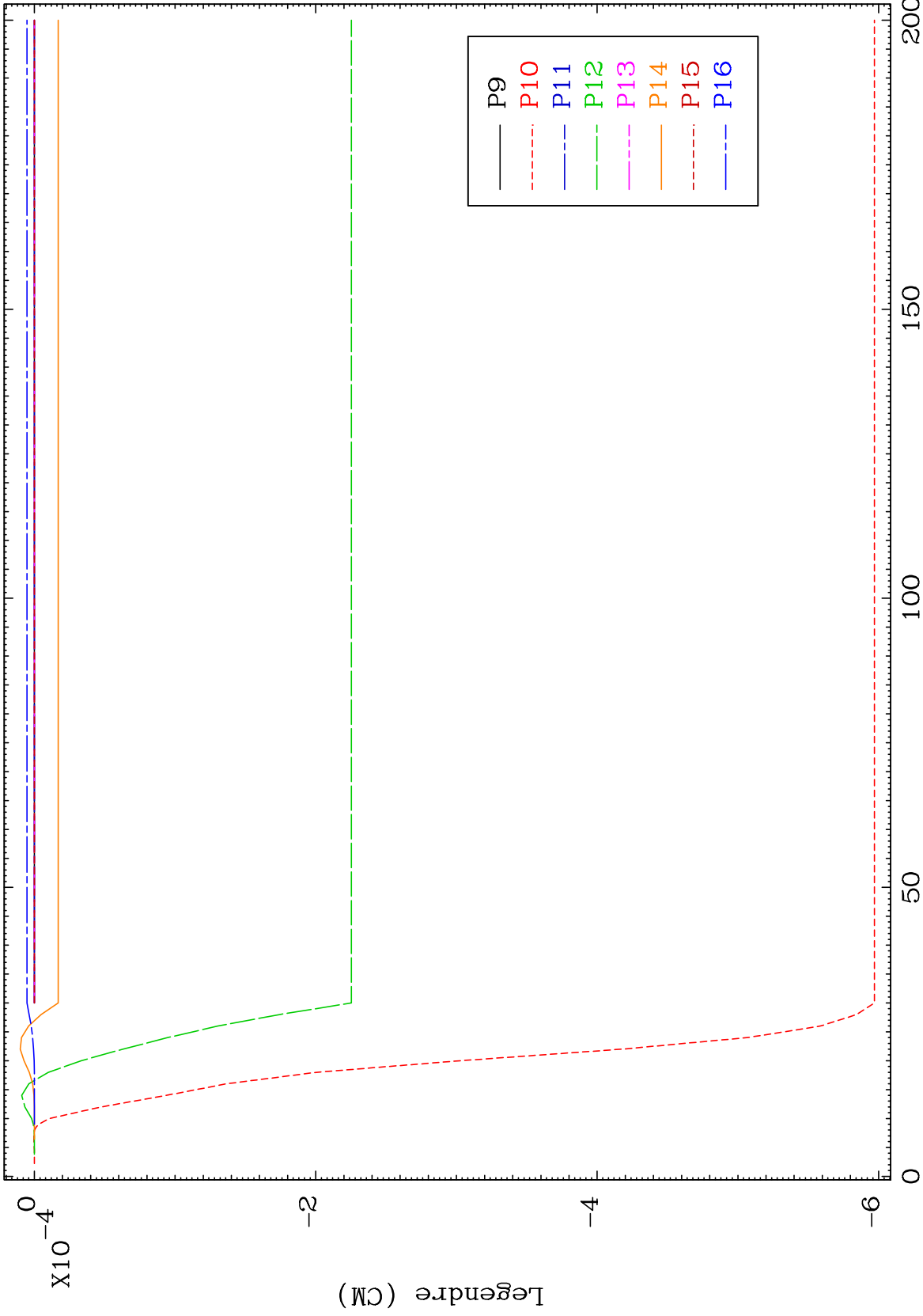
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84

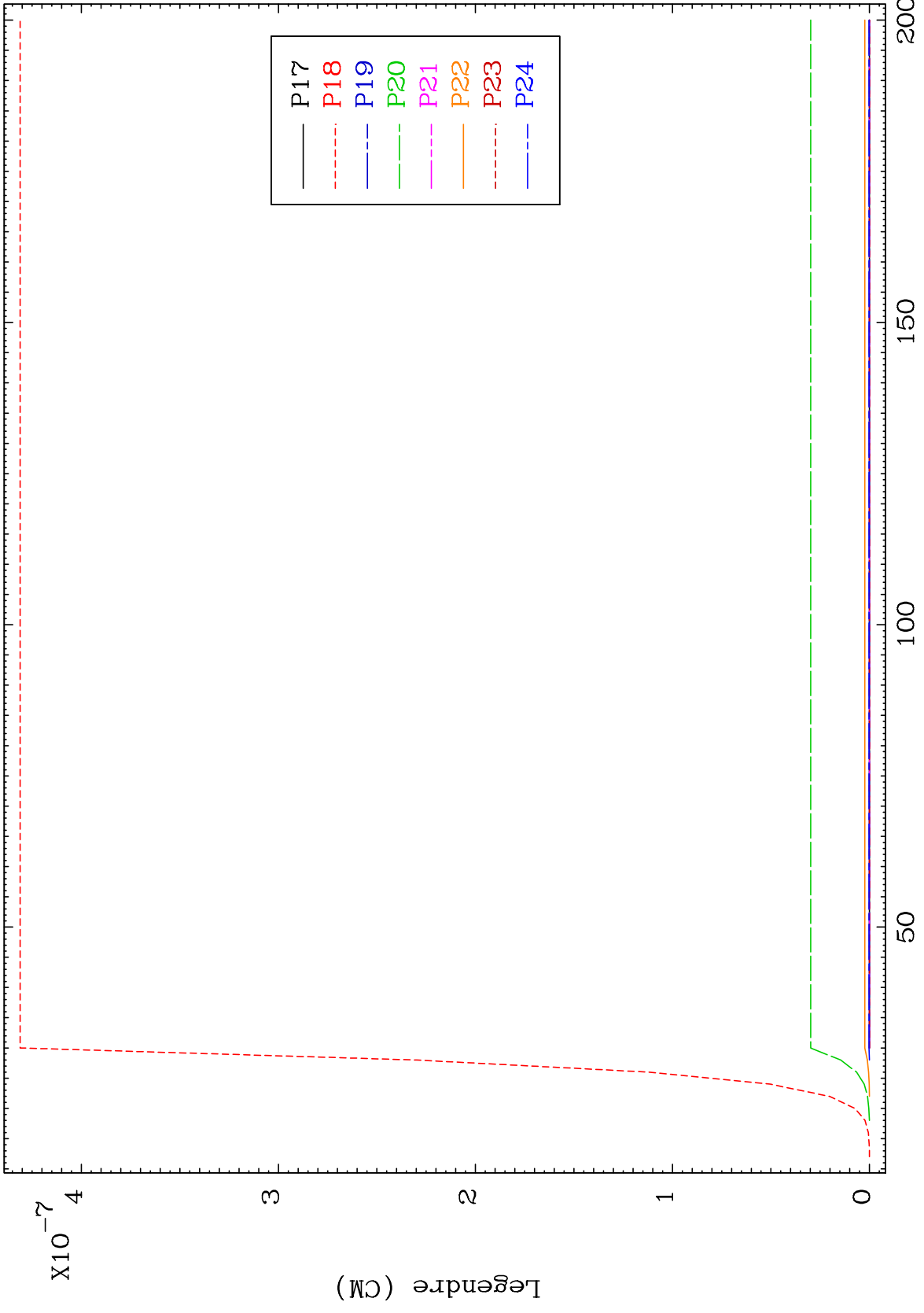


77

Incident Energy (MeV)

37-Rb-84

MAT 3722 MT= 69 (n,n') Level Legendre Coefficients 37-Rb-84

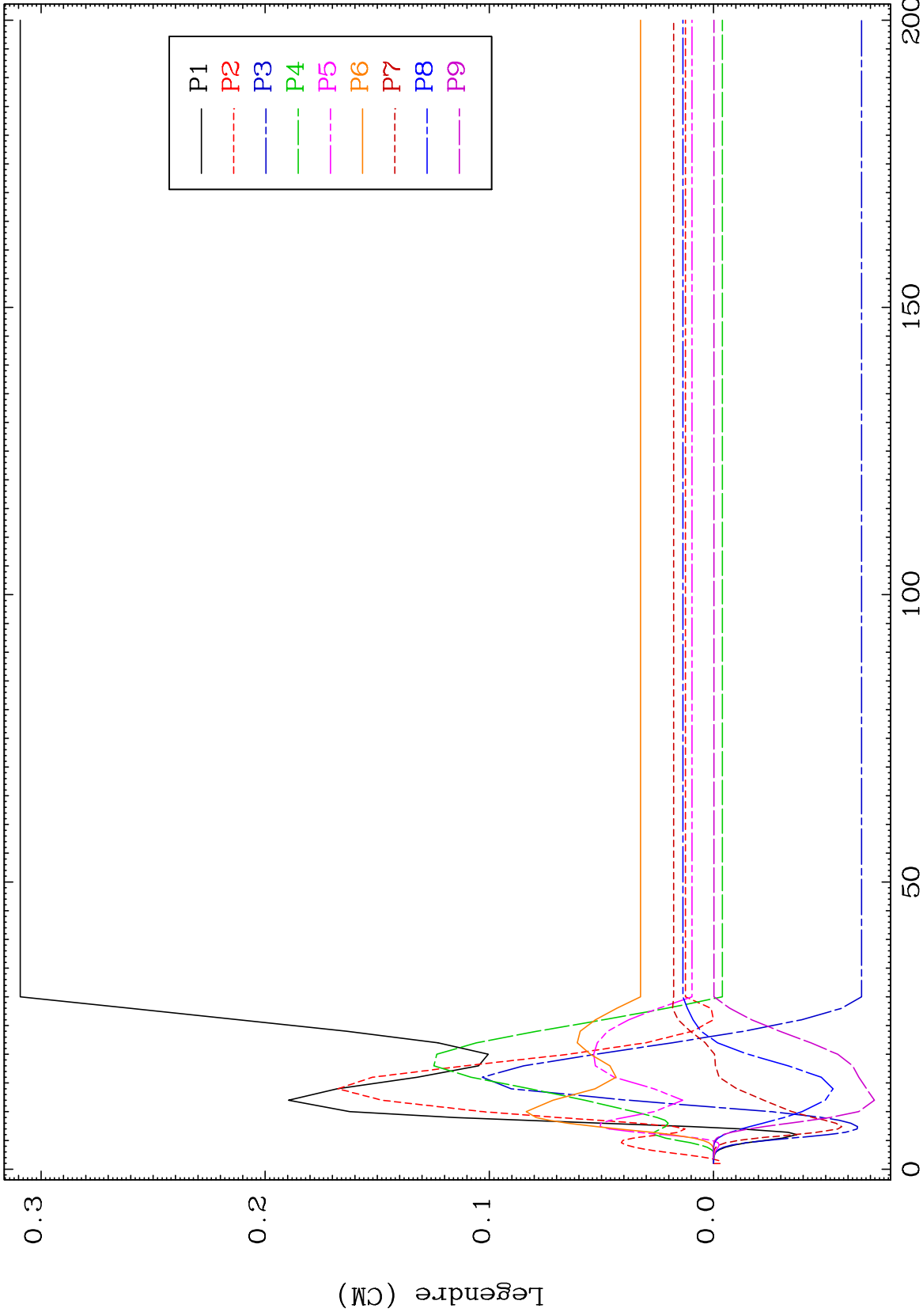


78 37-Rb-84

MAT 3722

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

37-Rb-84



79

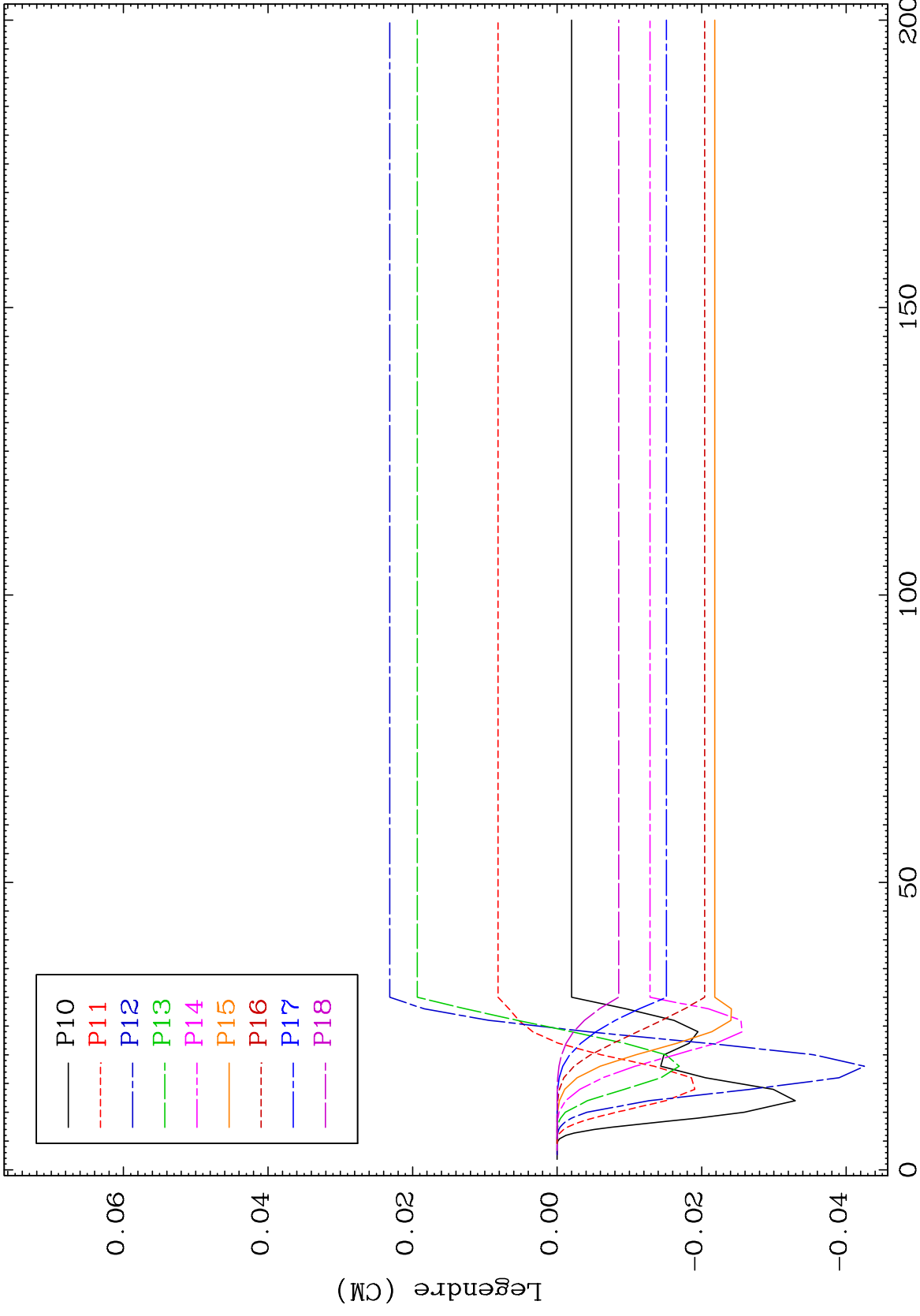
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

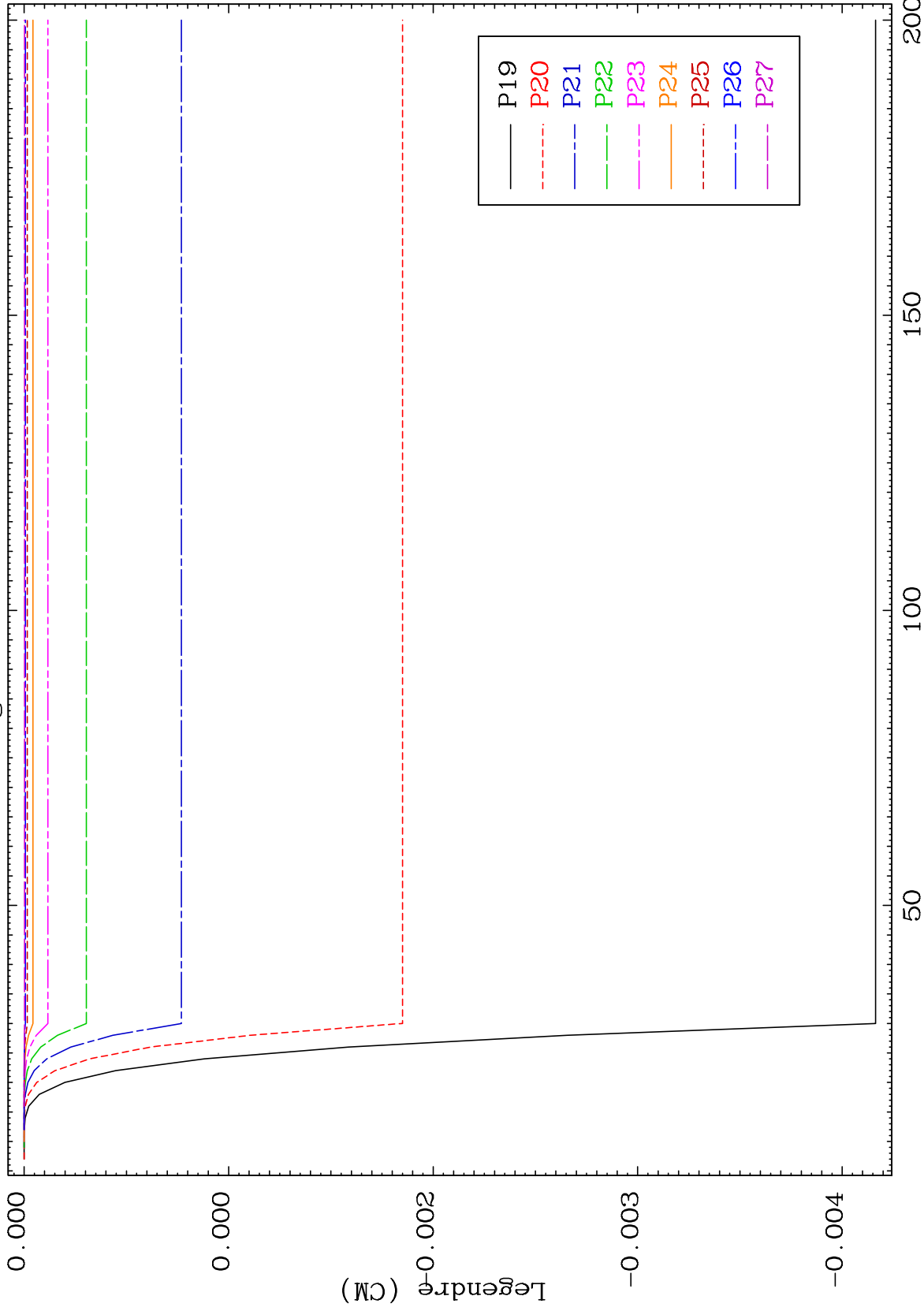
37-Rb-84



80

Incident Energy (MeV)

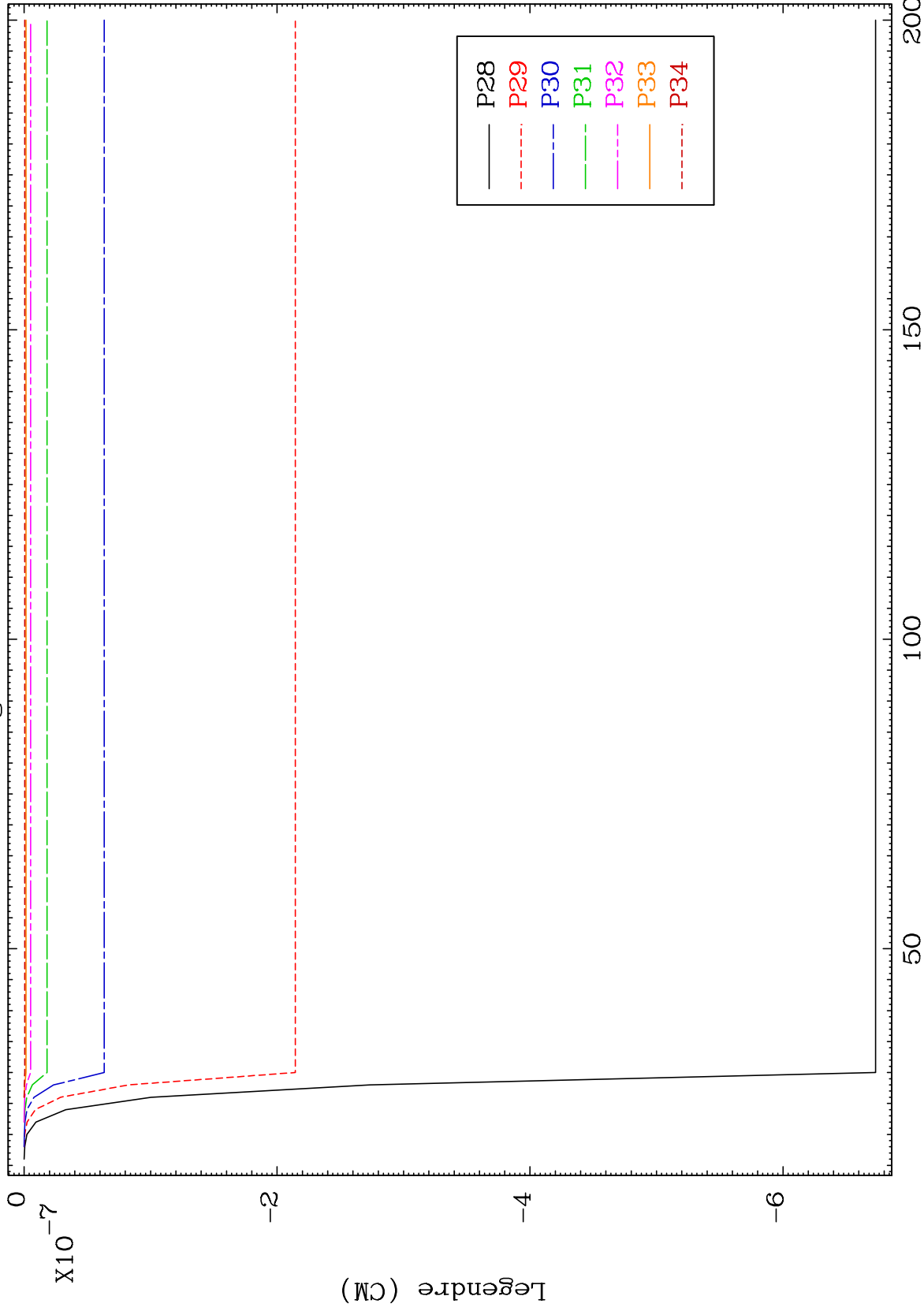
37-Rb-84



MAT 3722

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

37-Rb-84



82

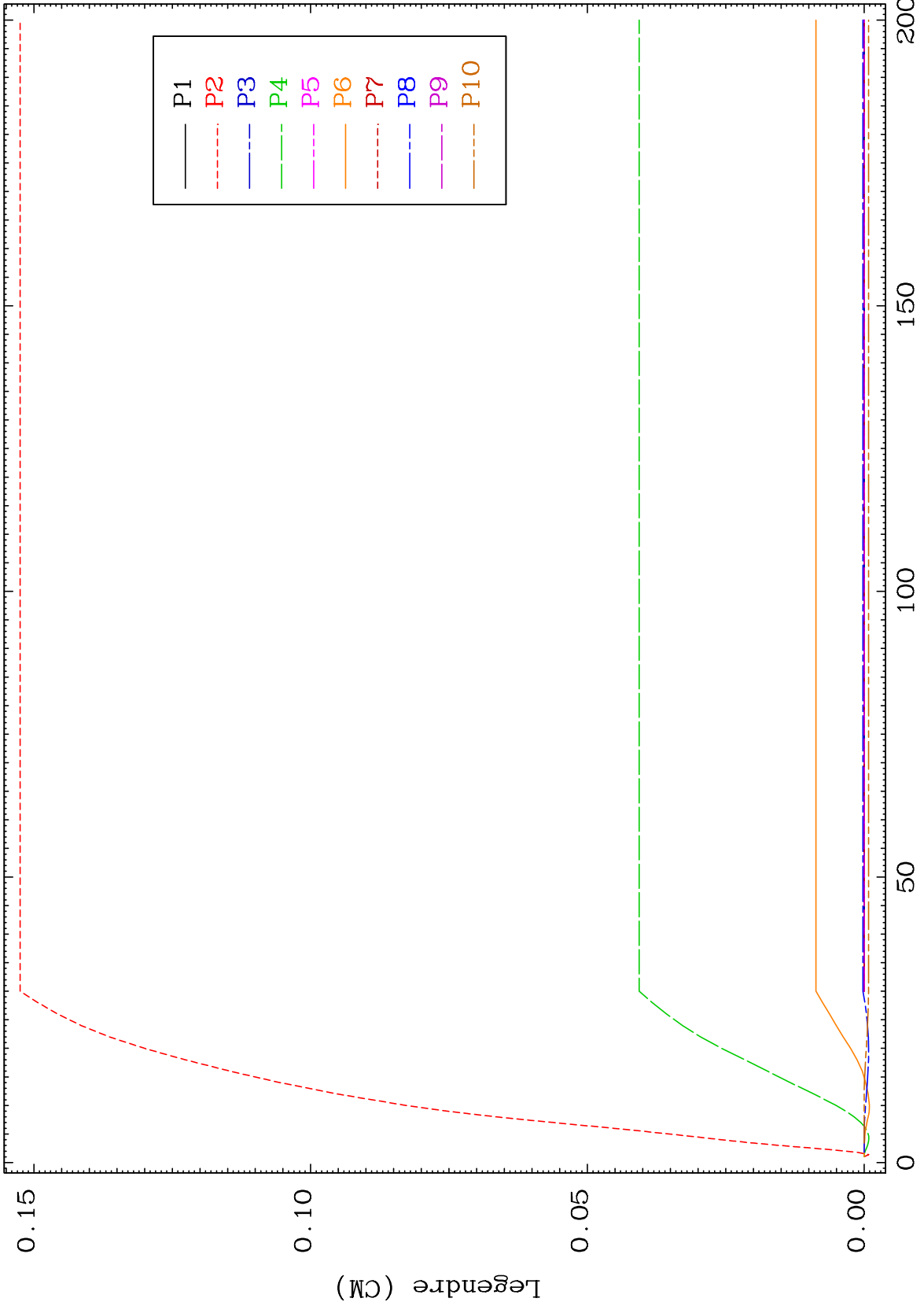
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



83

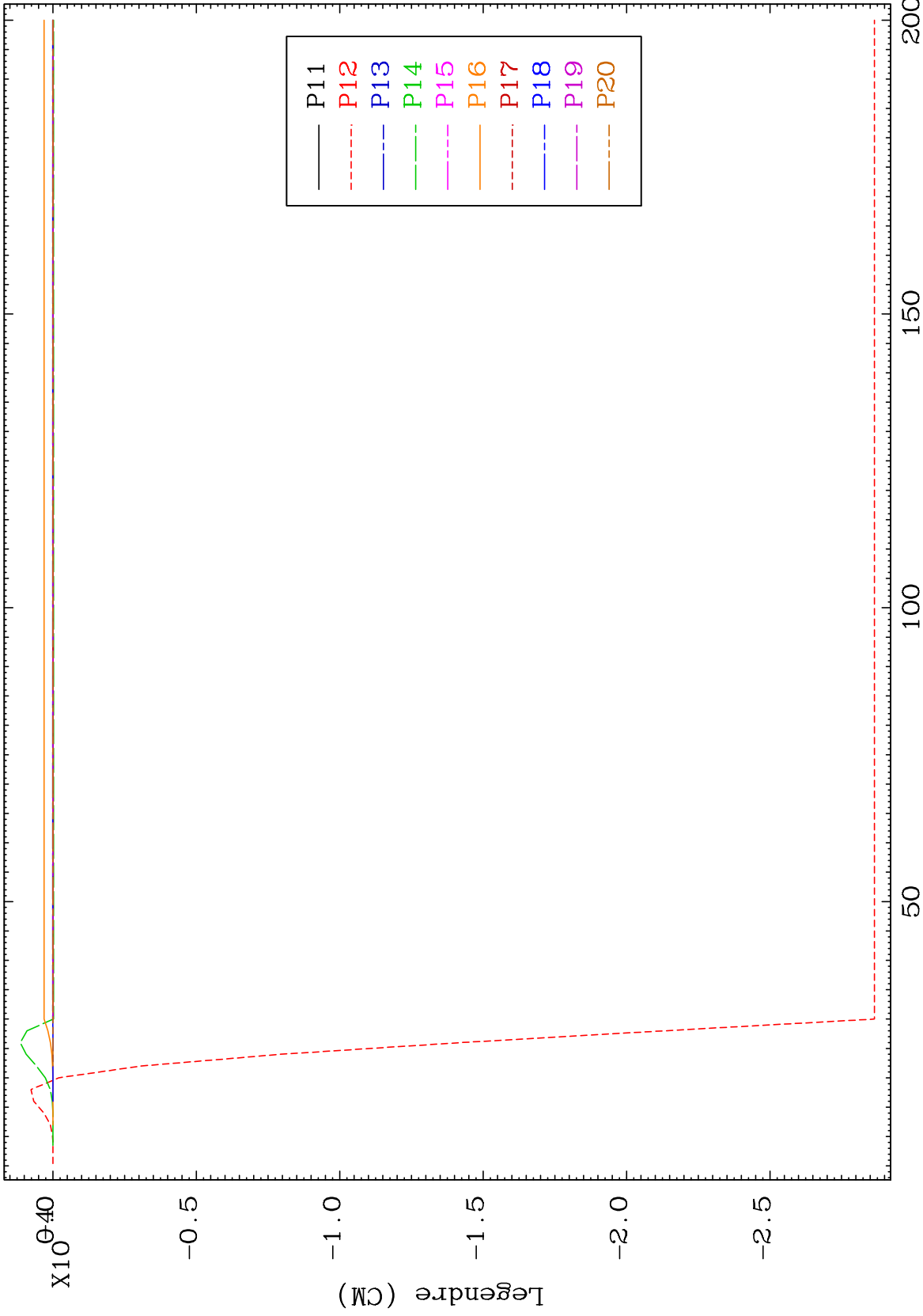
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



84

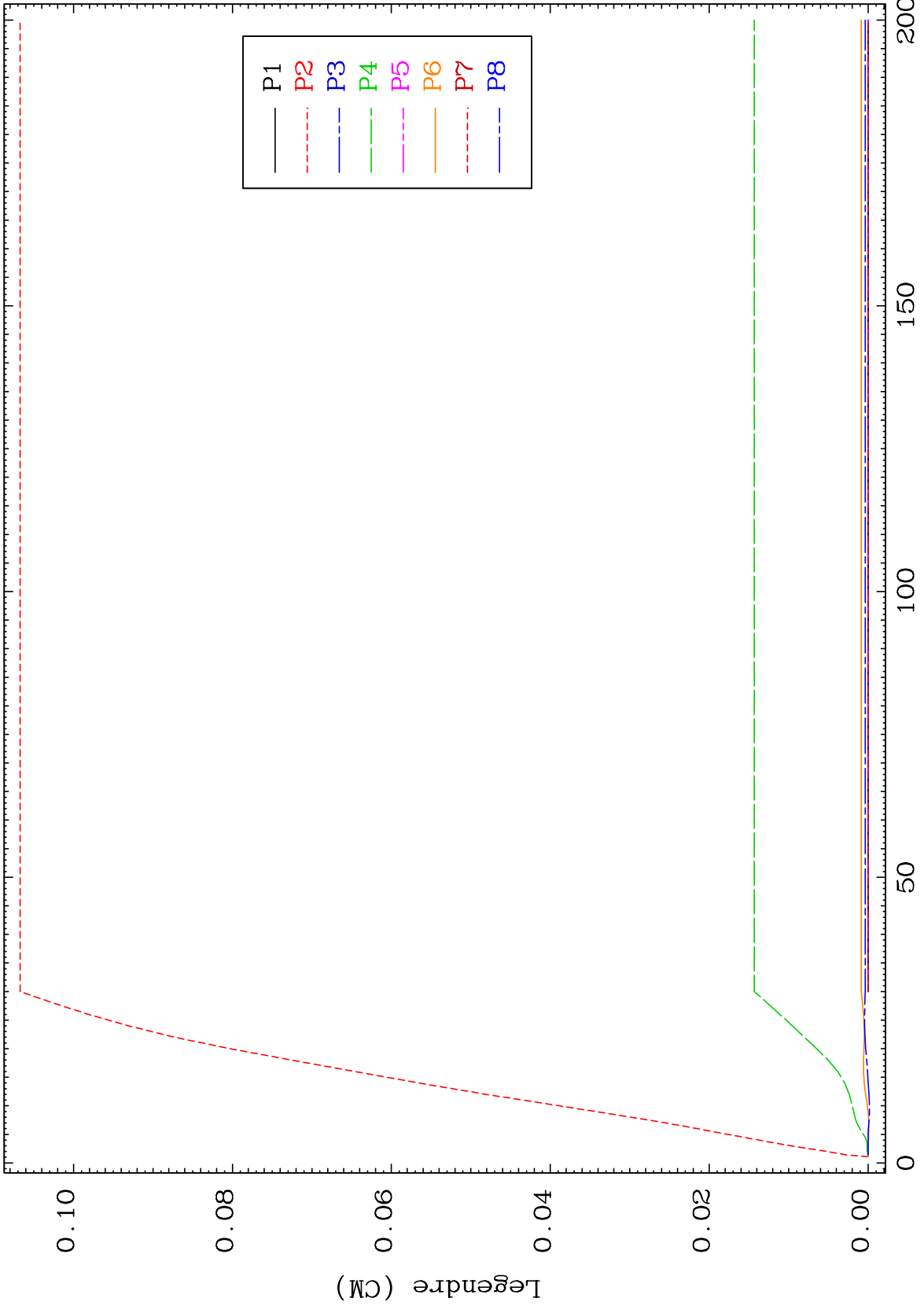
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



85

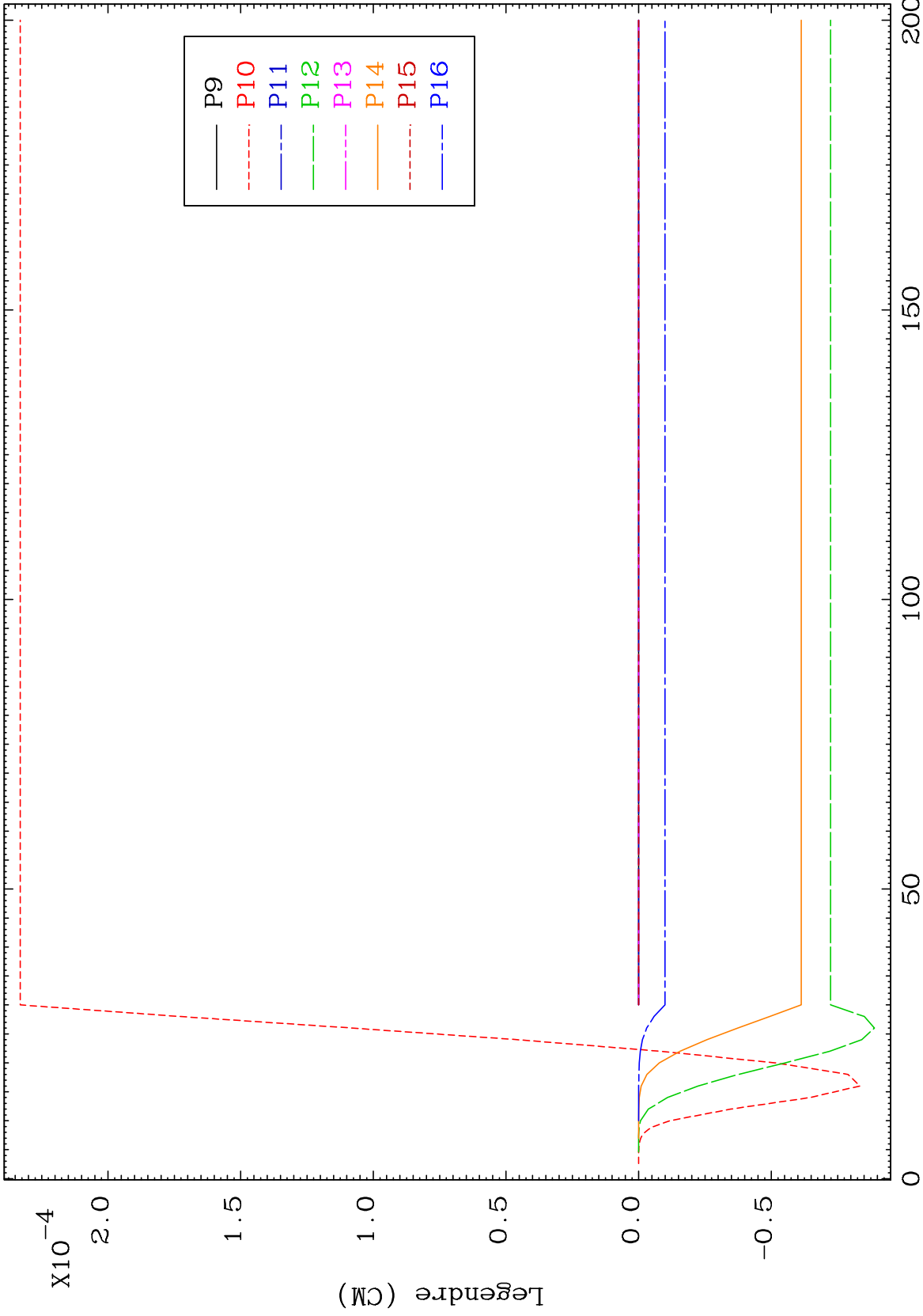
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84

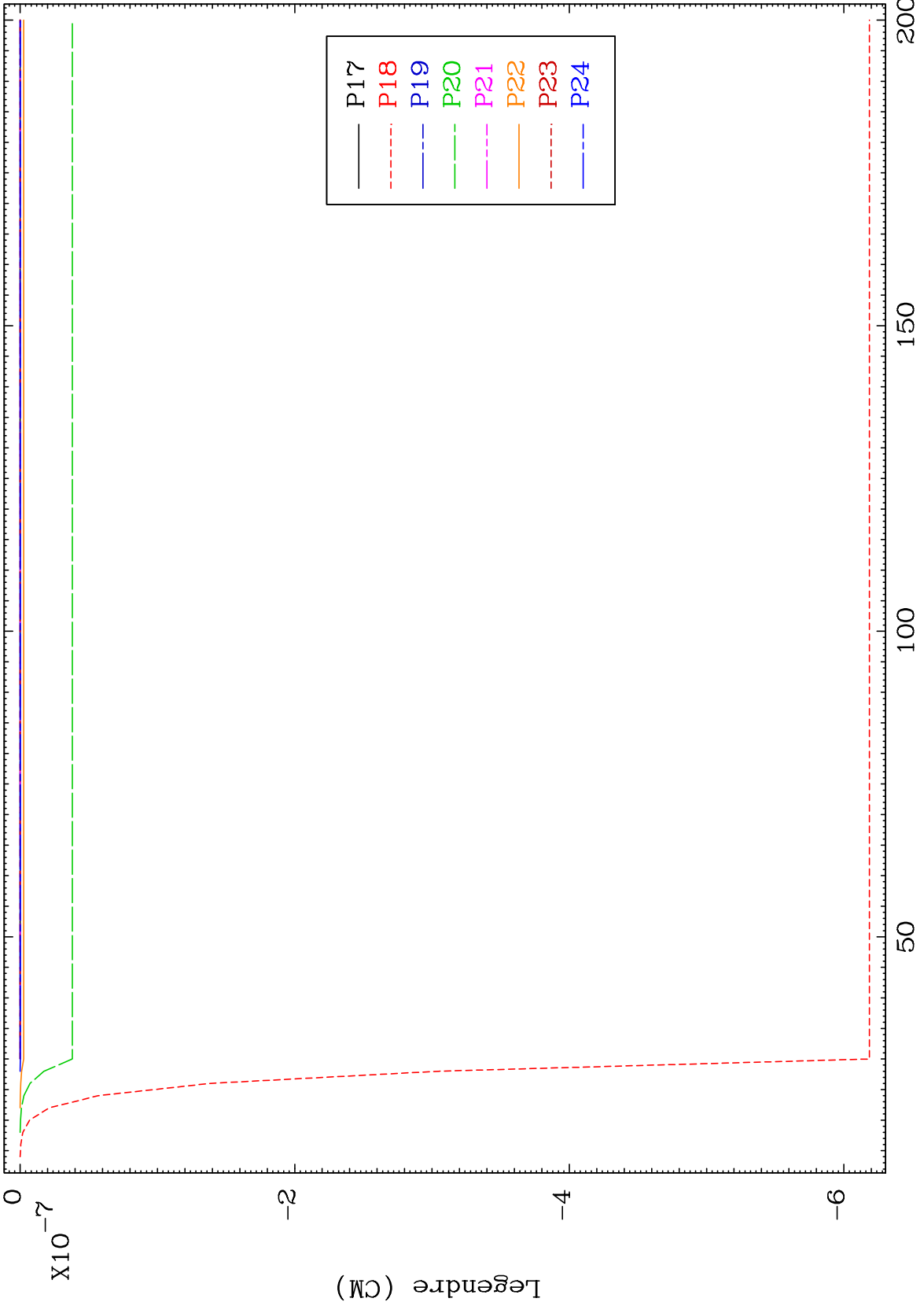


86

Incident Energy (MeV)

37-Rb-84

MAT 3722 MT= 72 (n,n') Level Legendre Coefficients 37-Rb-84

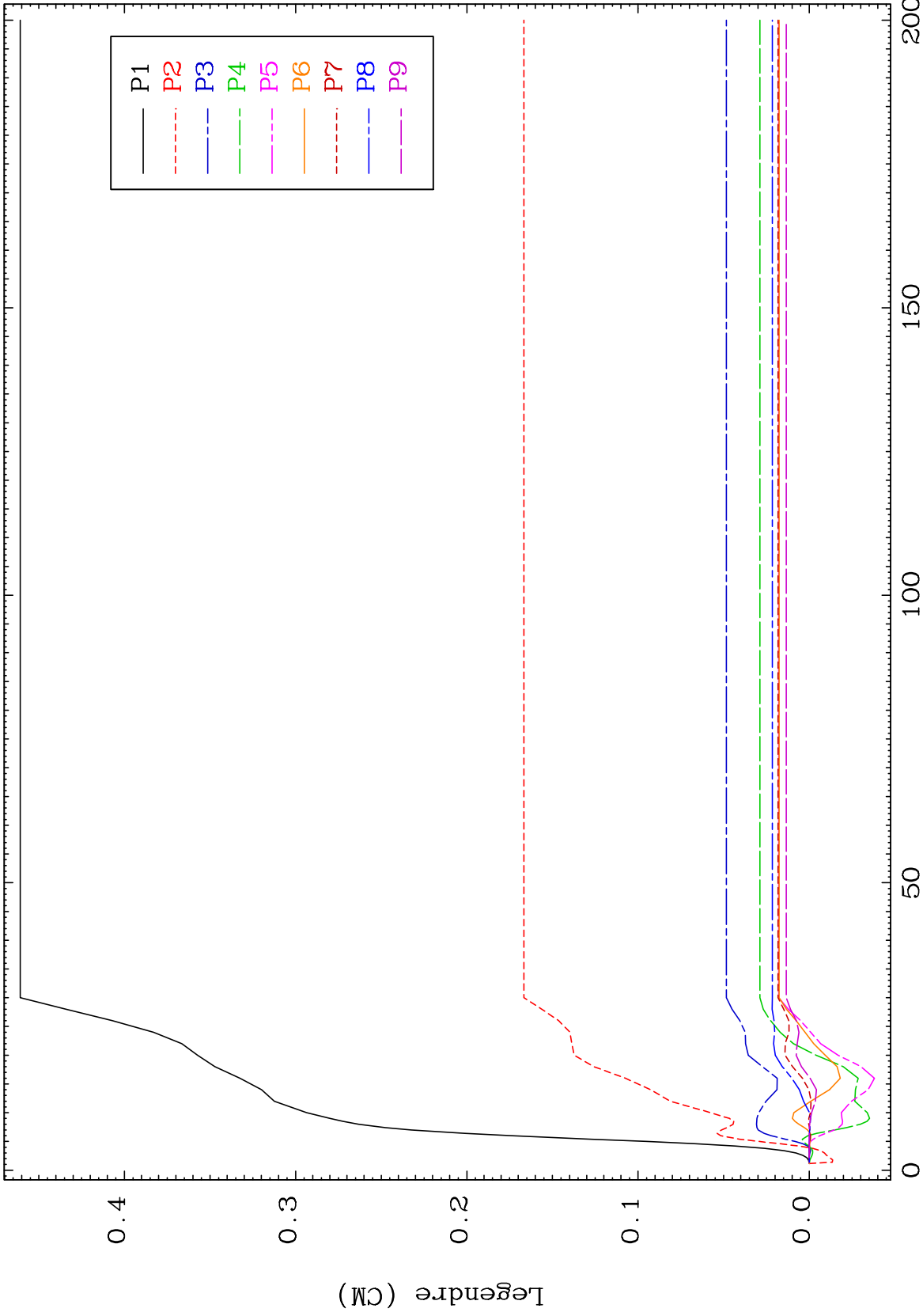


87 37-Rb-84

MAT 3722

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

37-Rb-84



88

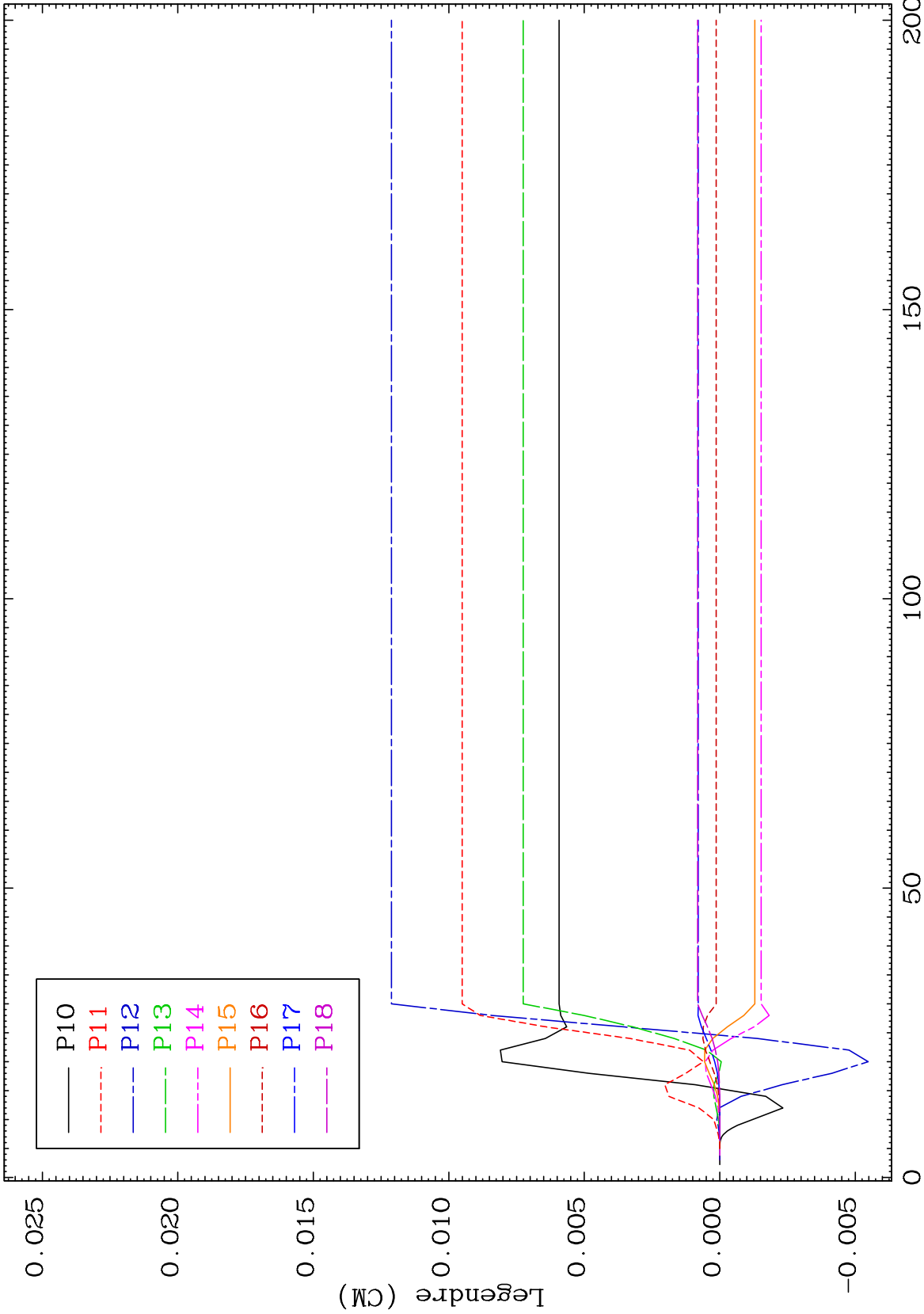
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



89

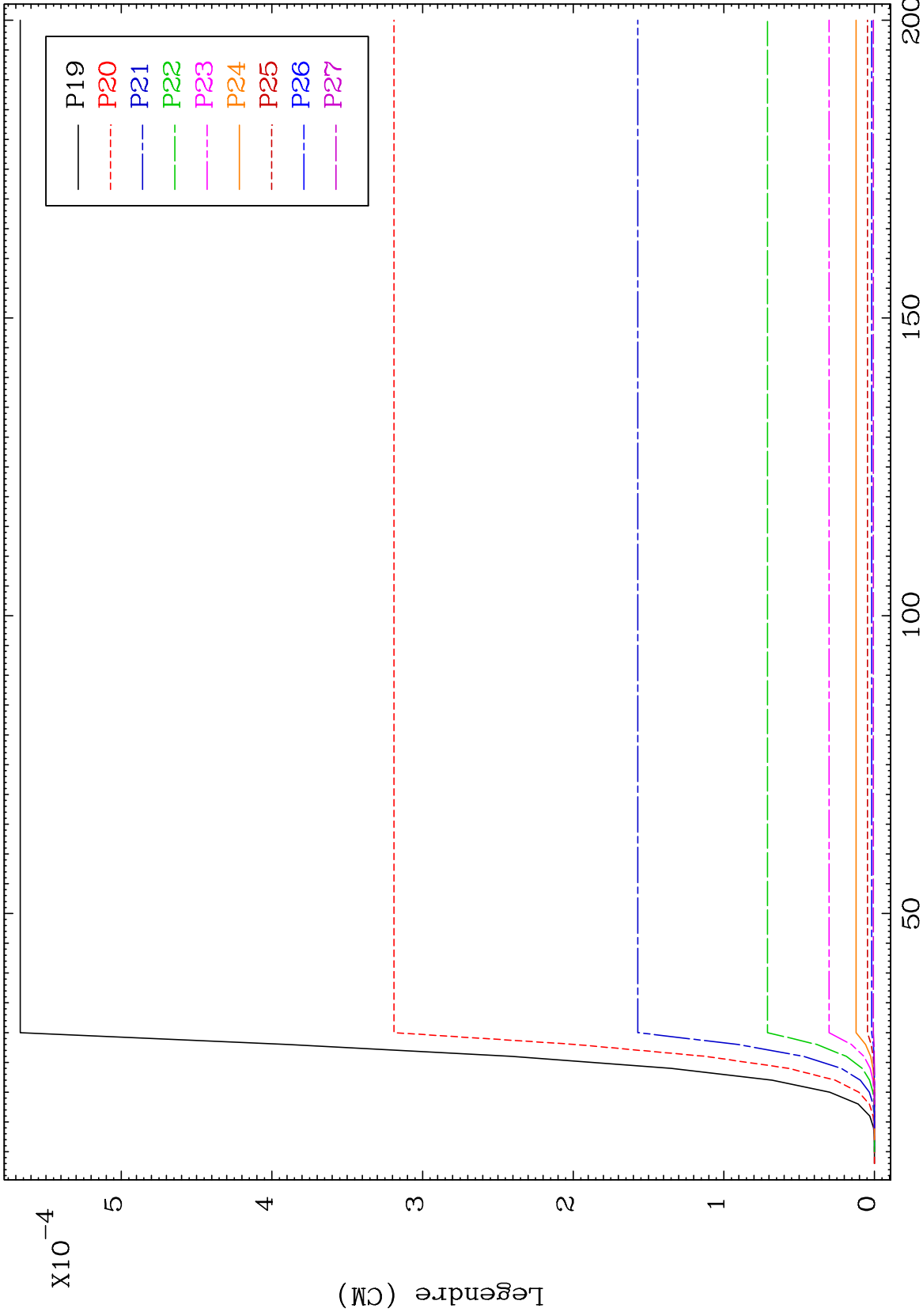
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



90

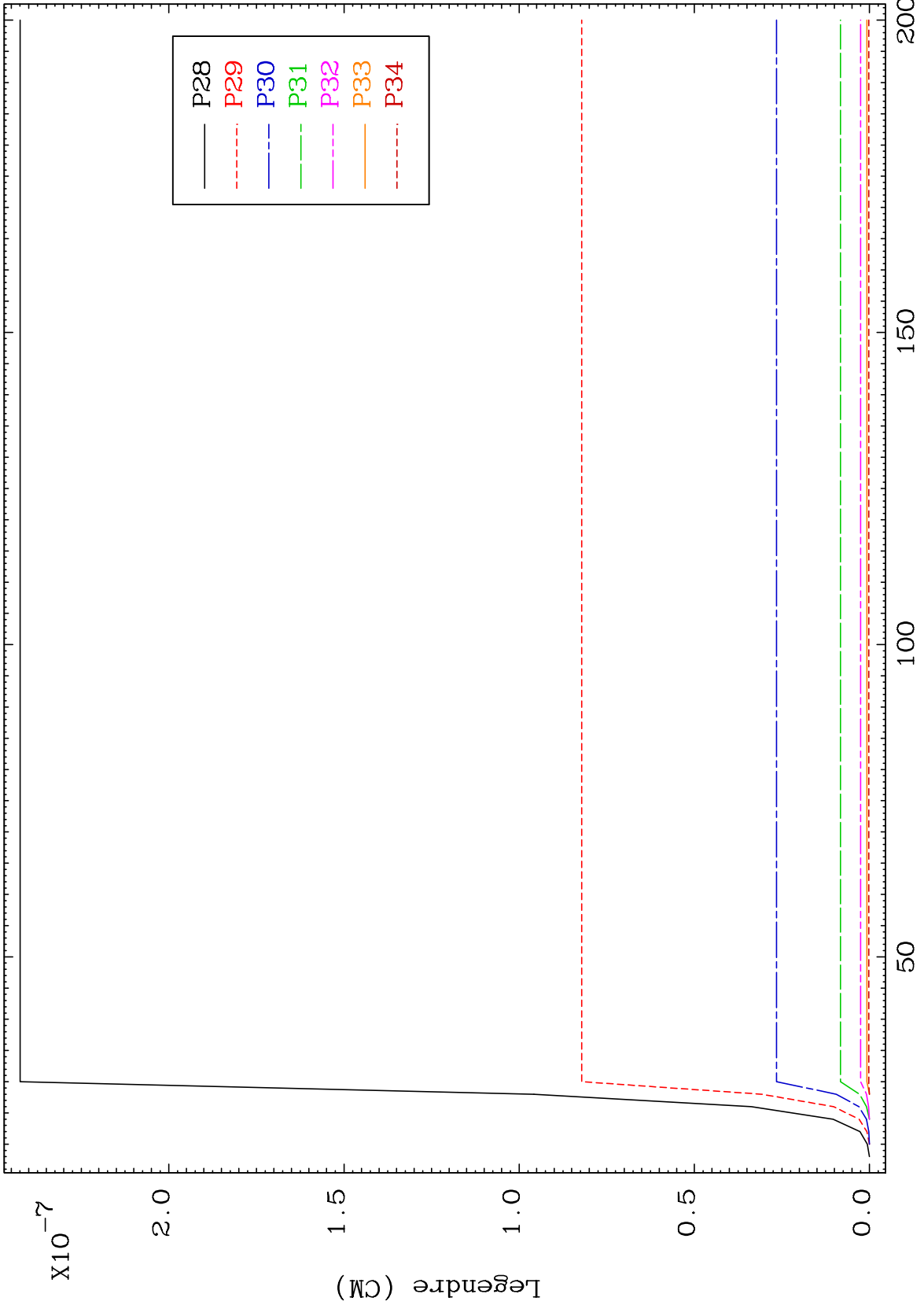
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



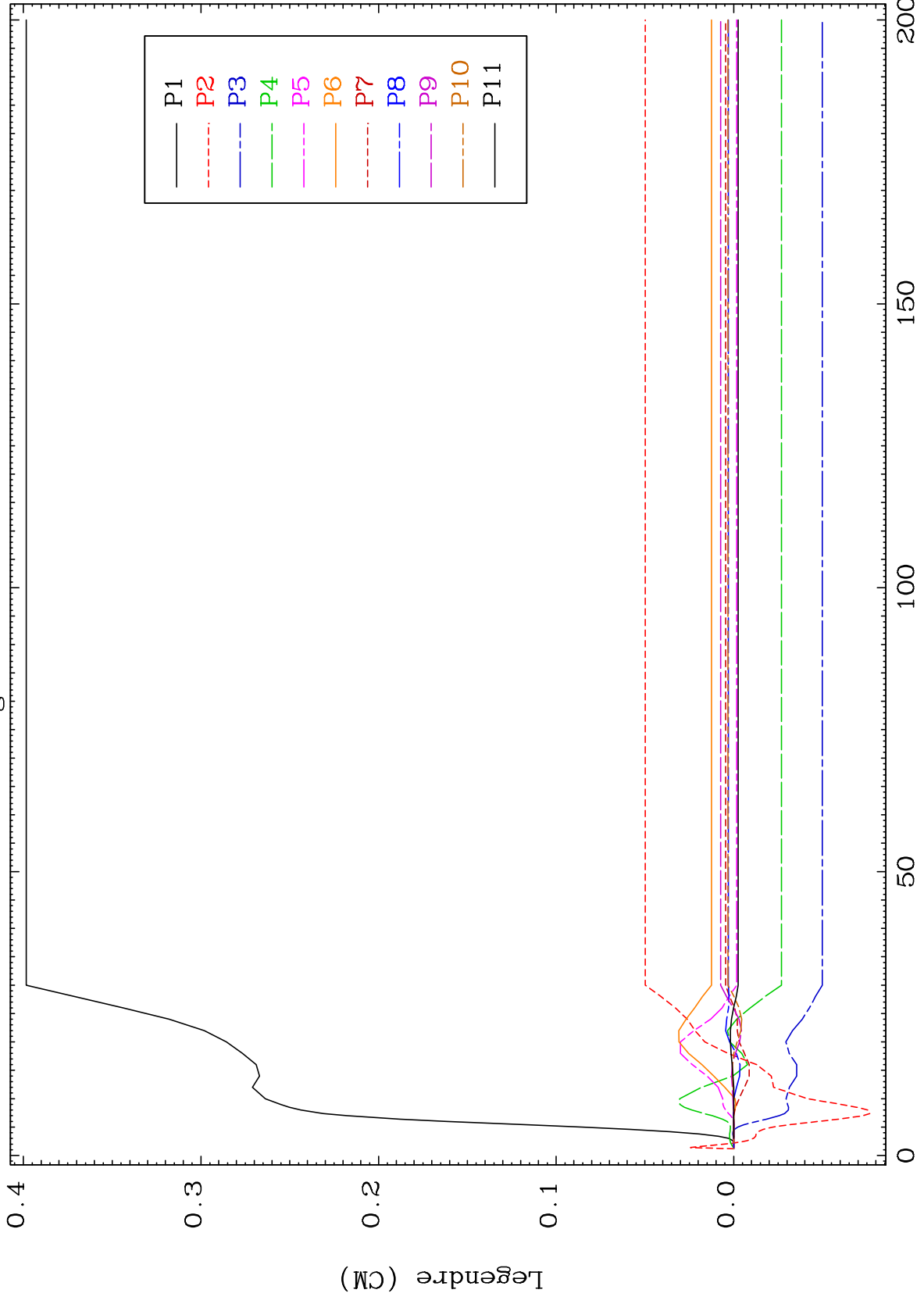
91

37-Rb-84

MAT 3722

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

37-Rb-84



92

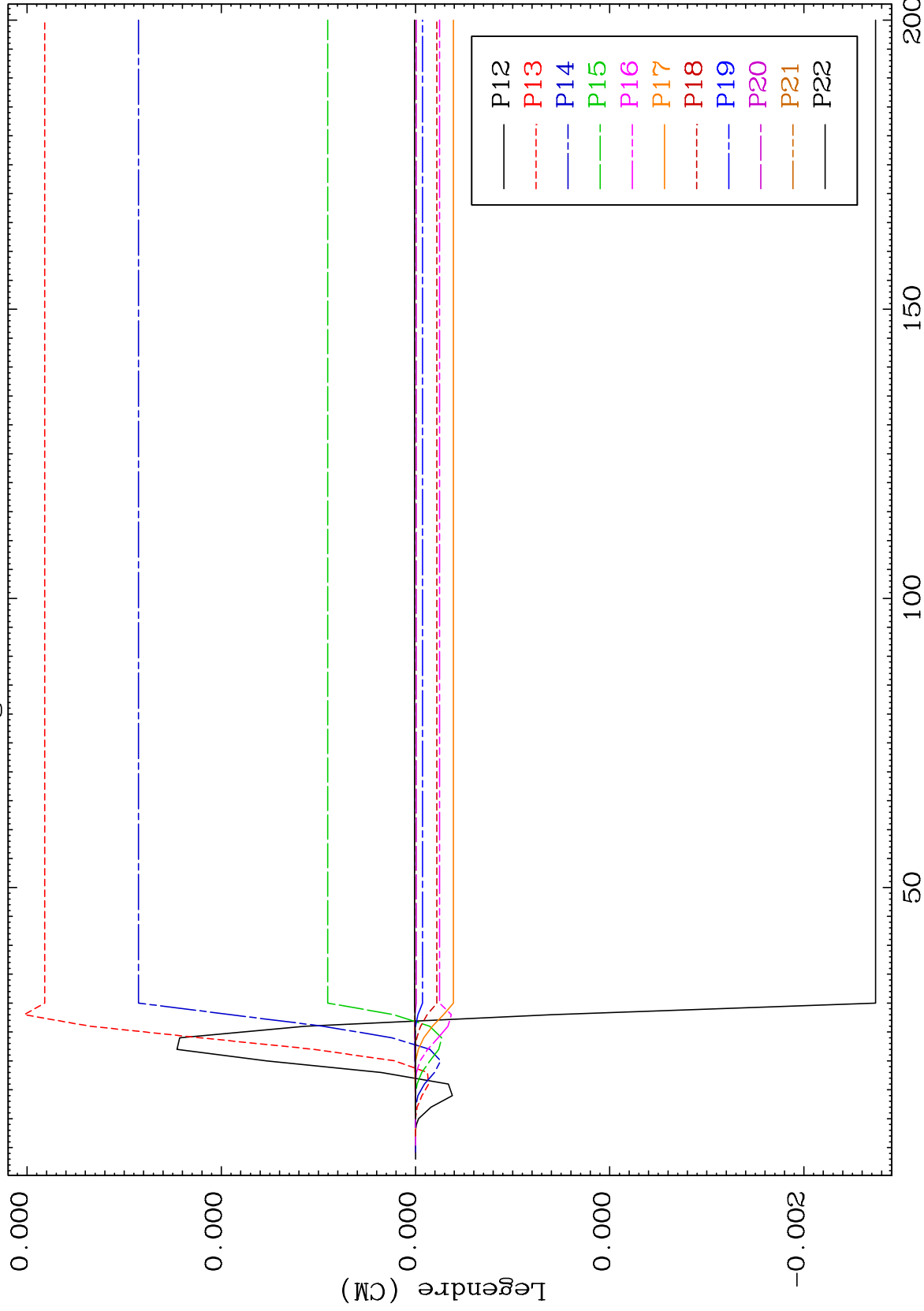
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



93

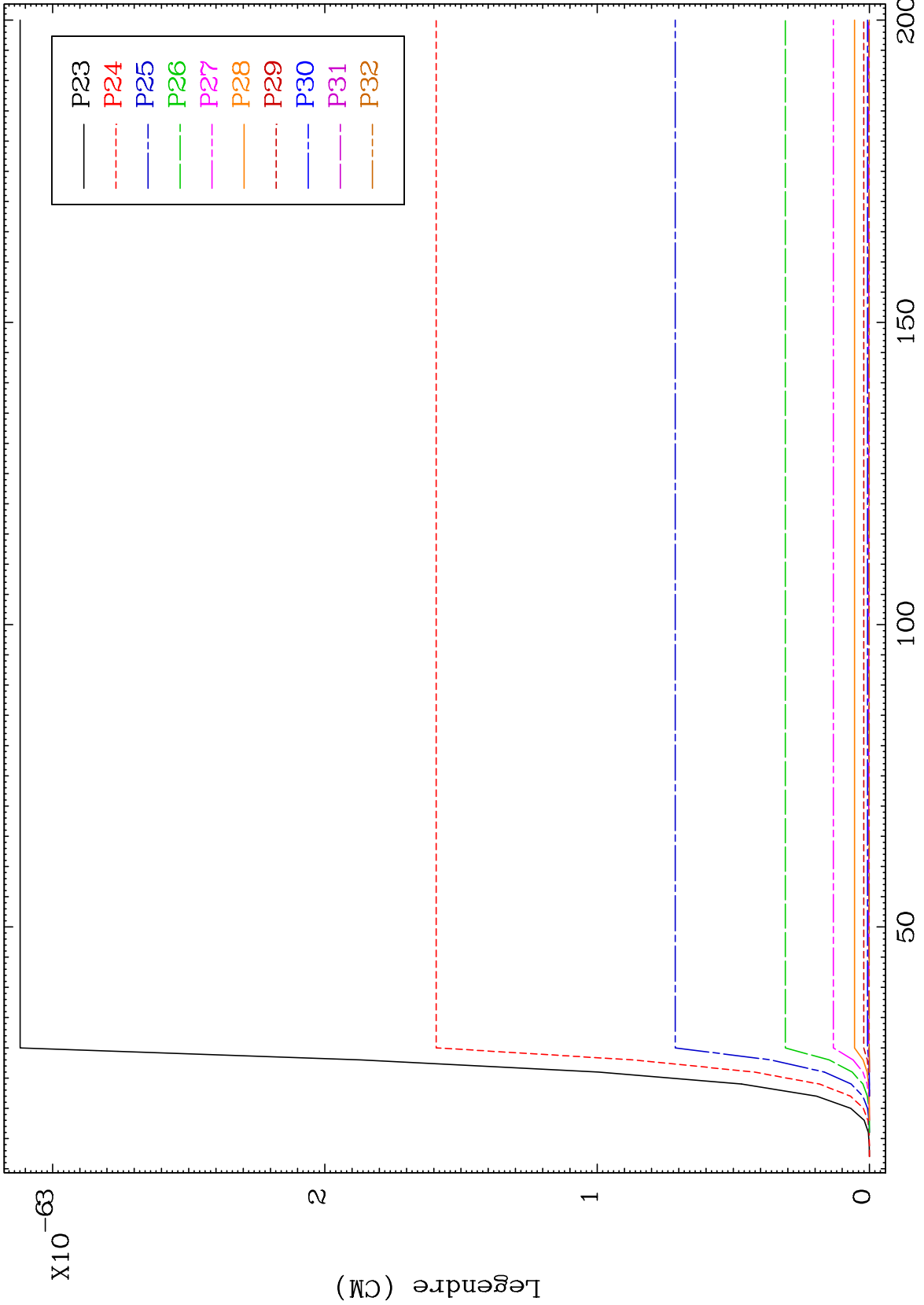
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



94

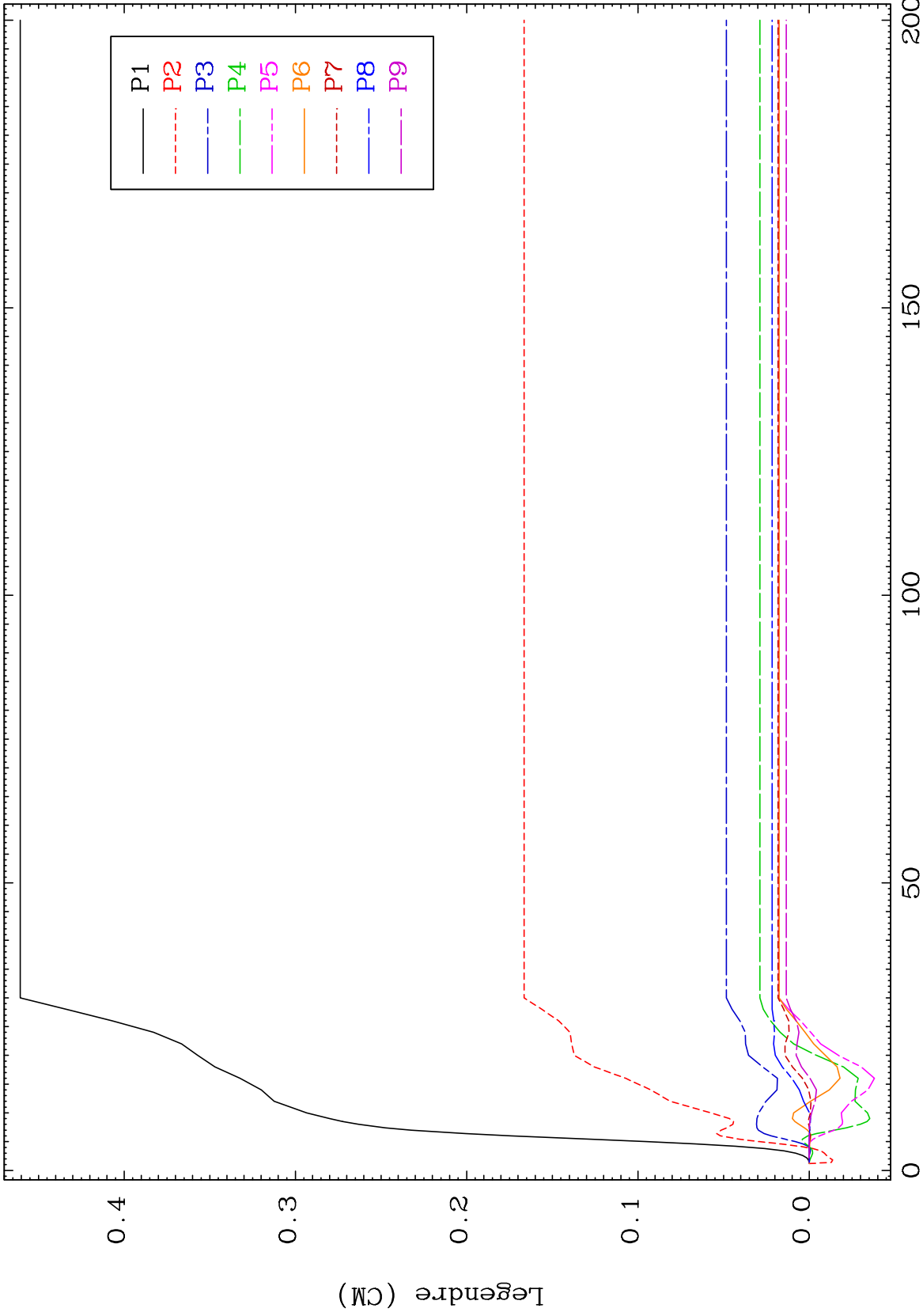
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



95

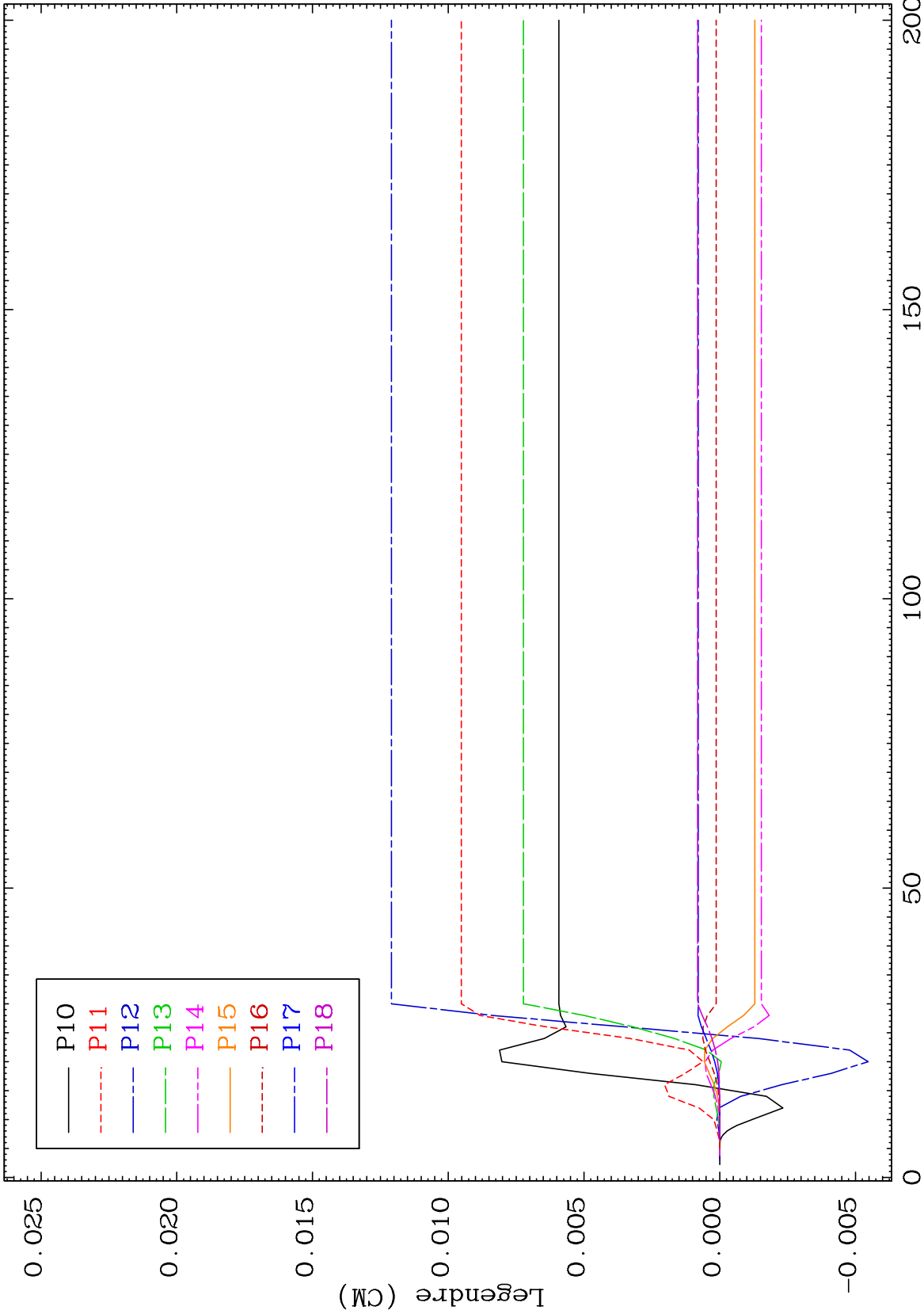
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



96

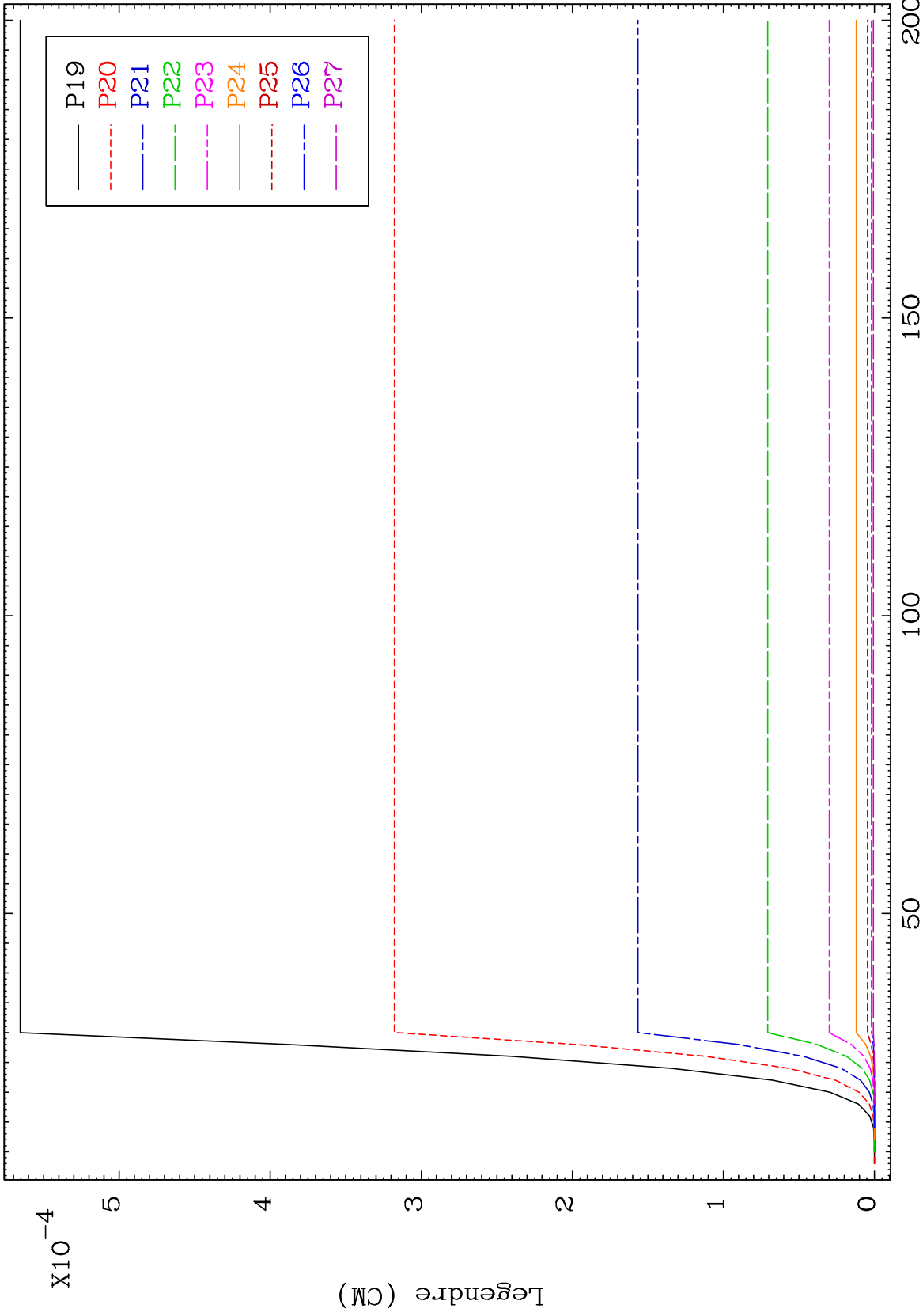
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



97

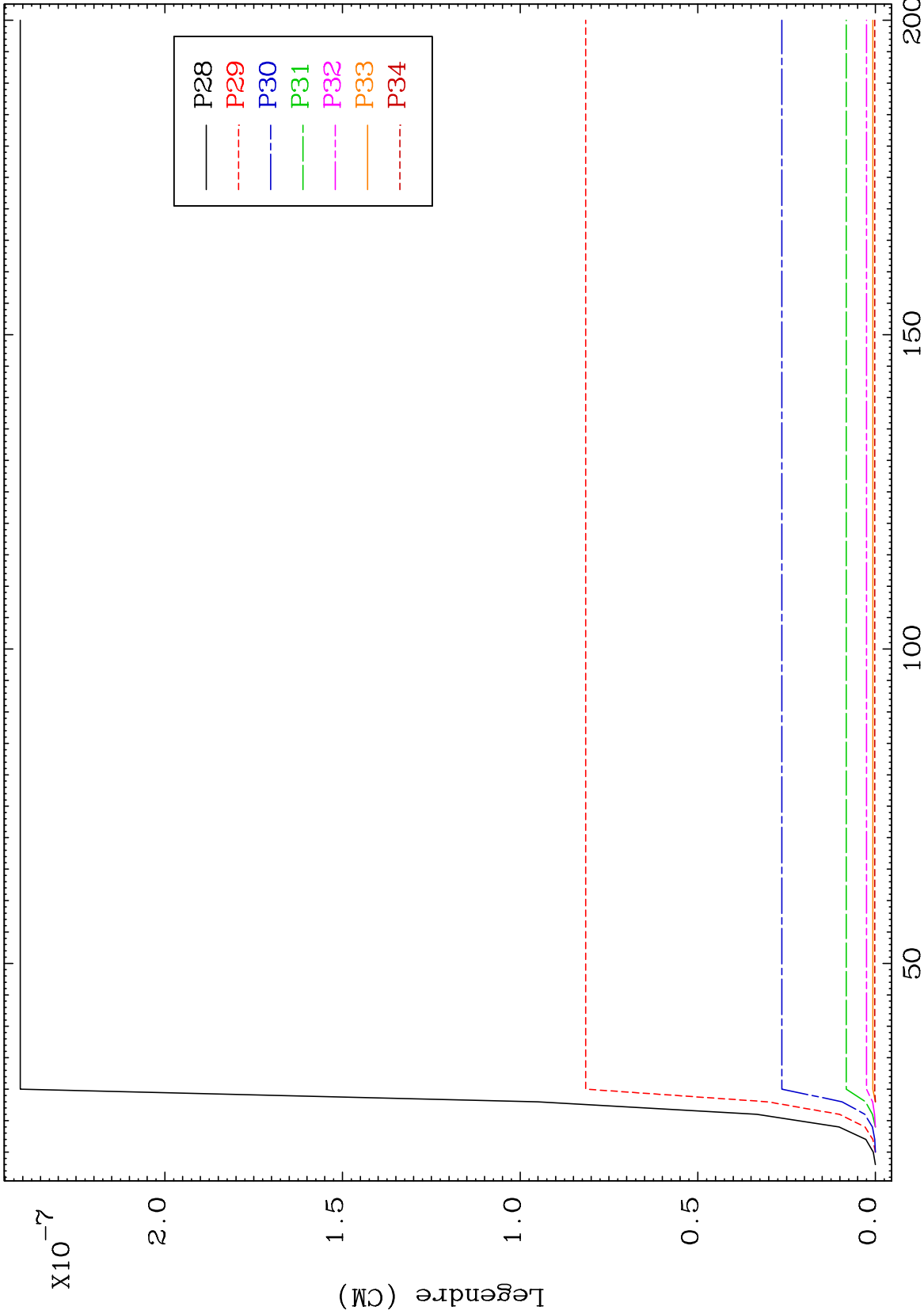
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



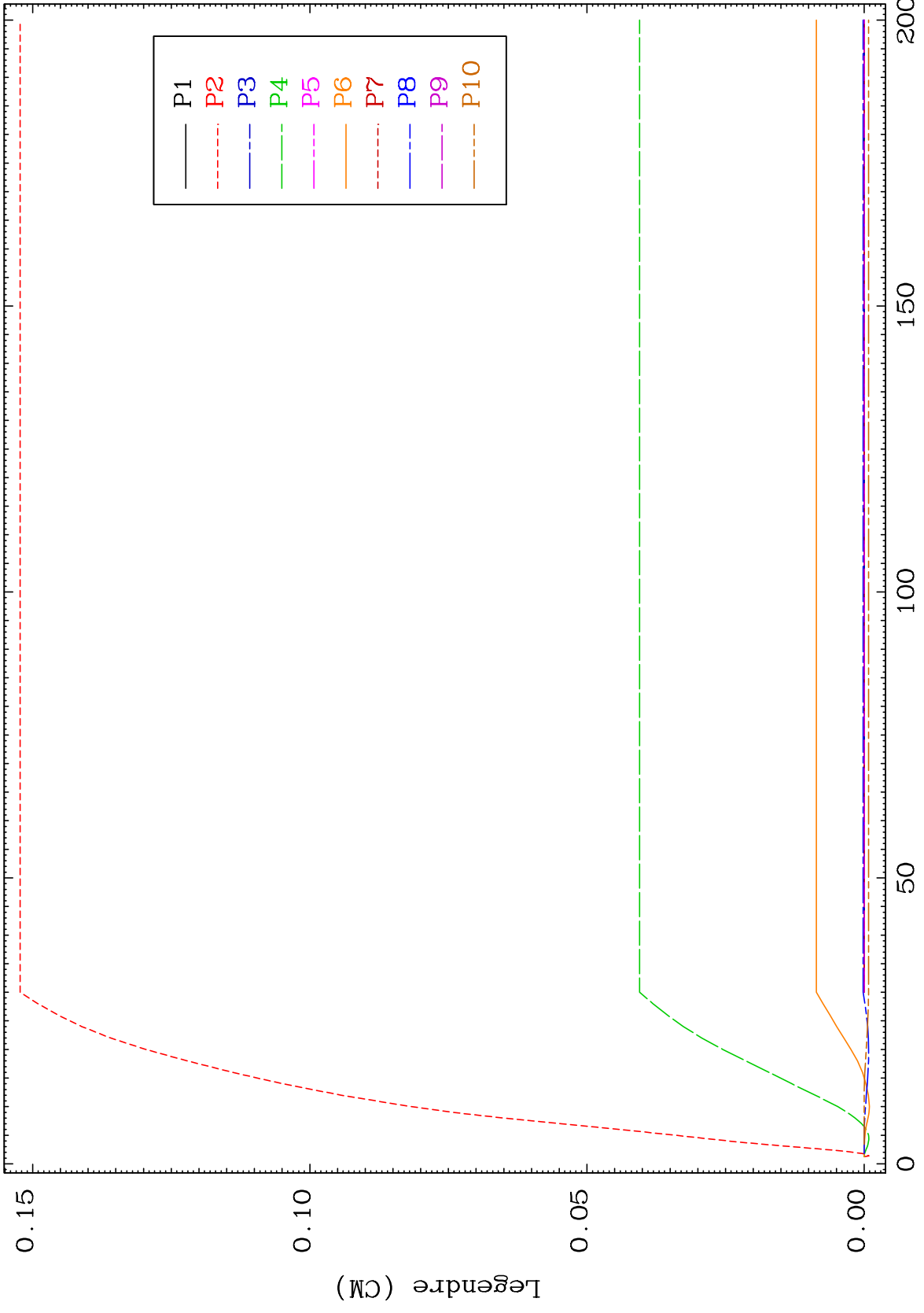
98

37-Rb-84

MAT 3722

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

37-Rb-84



99

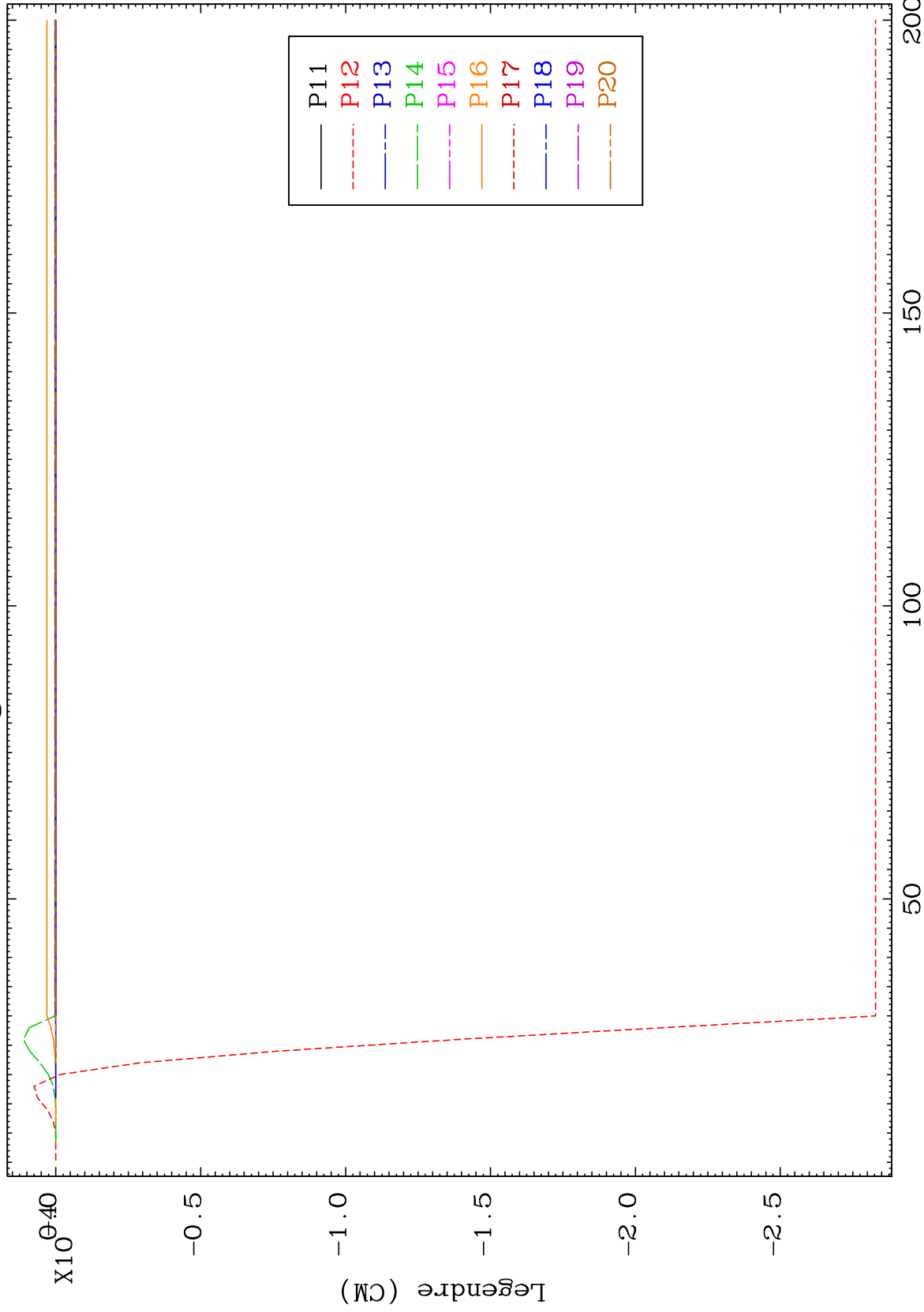
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



100

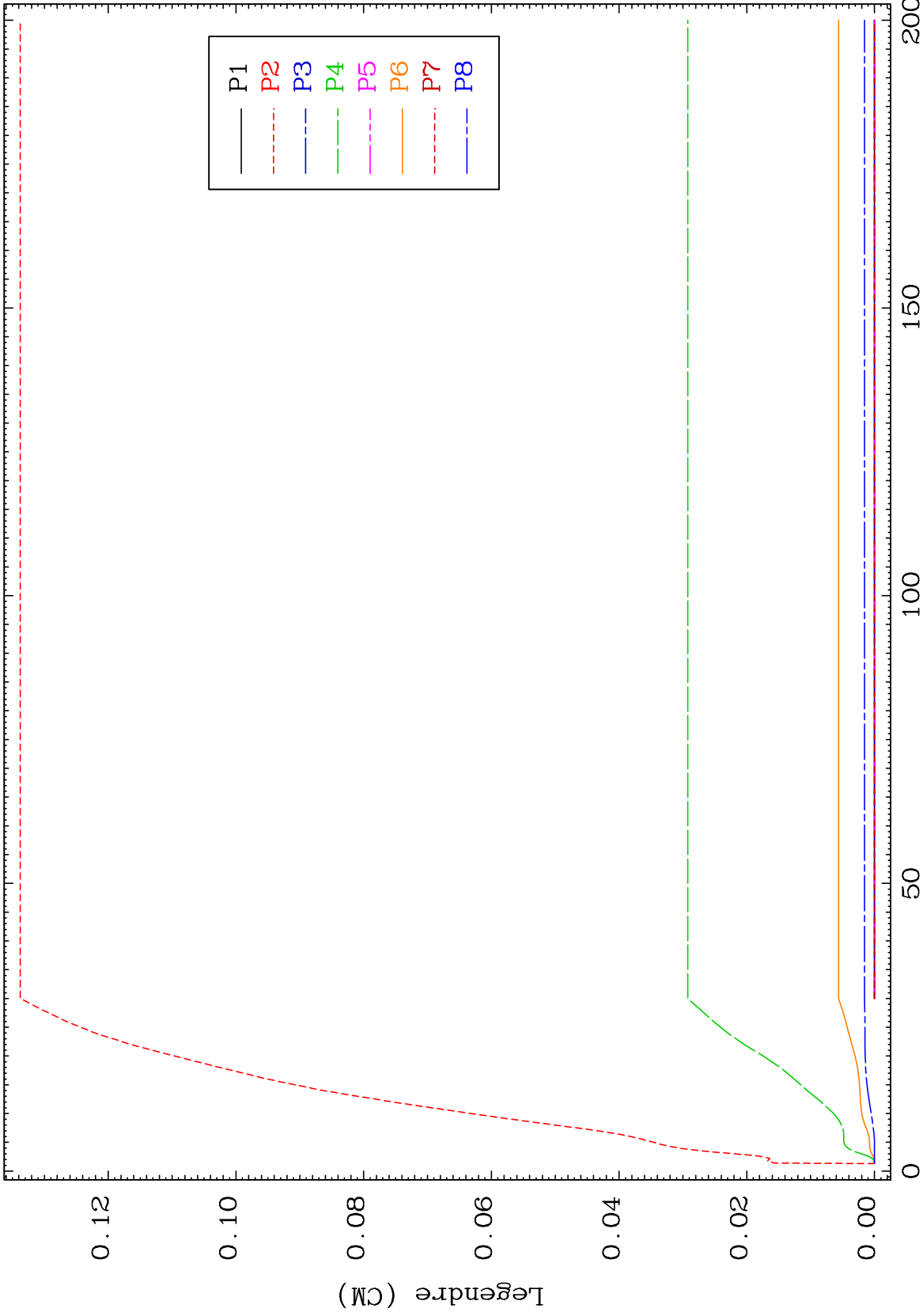
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



101

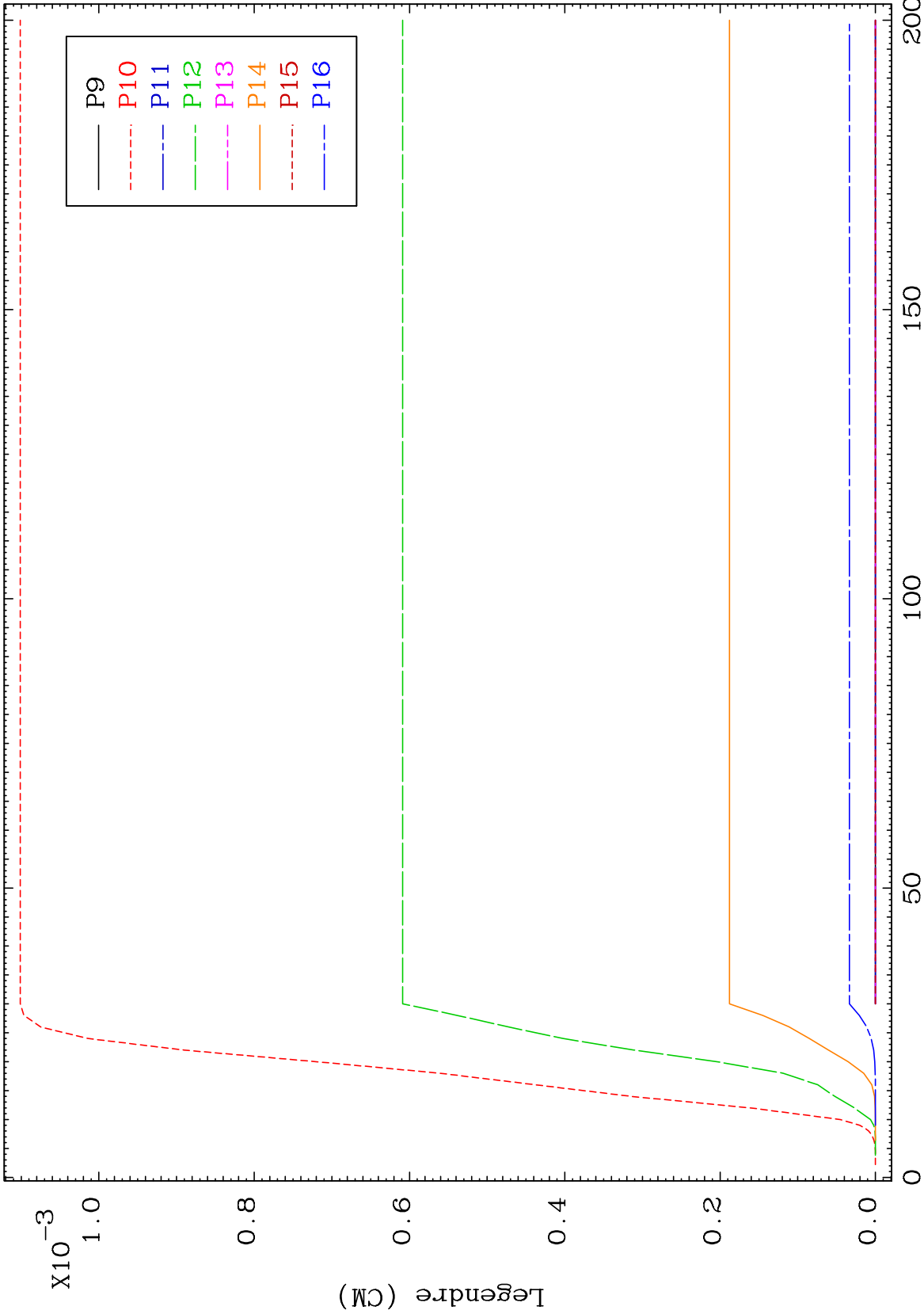
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84

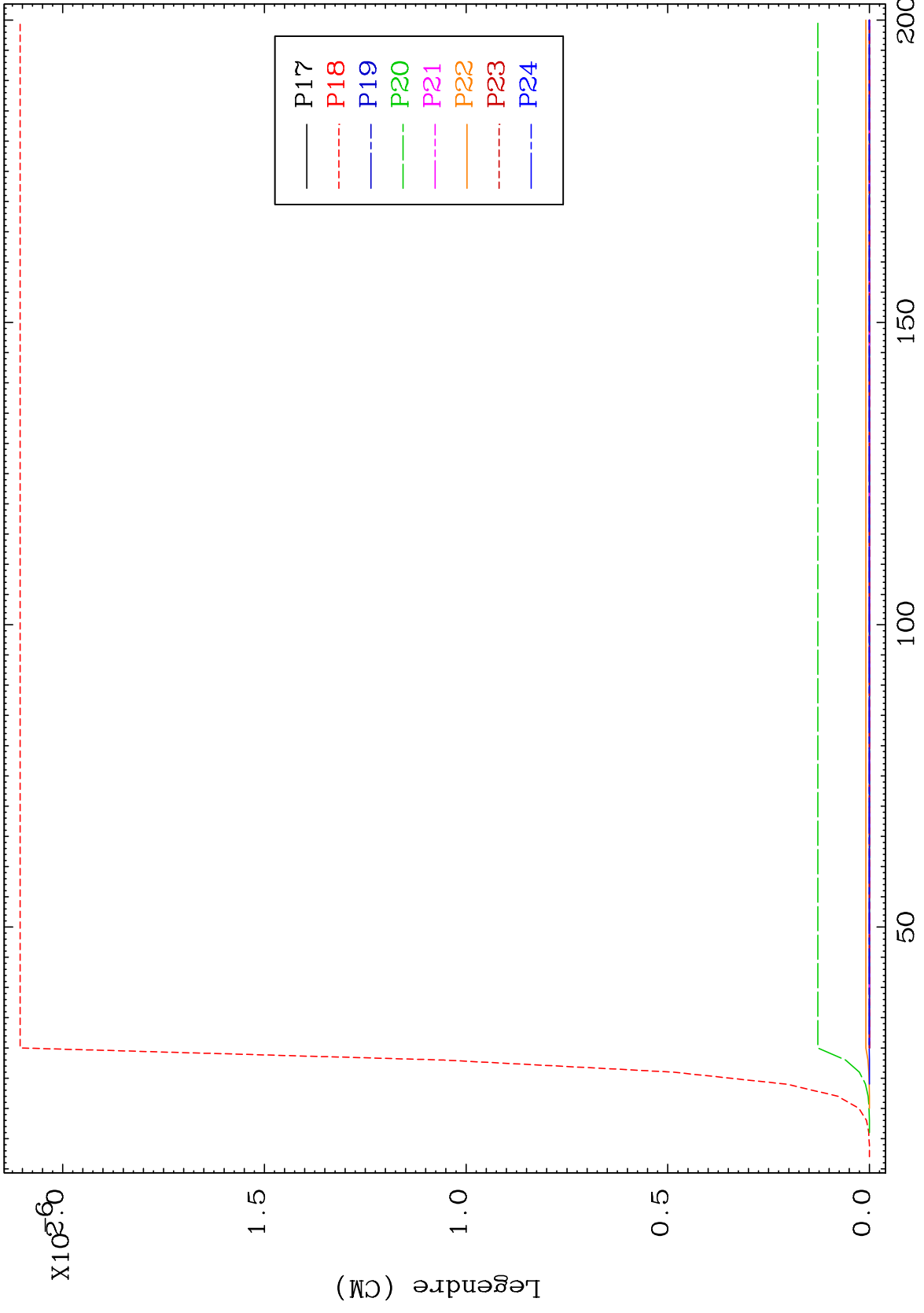


37-Rb-84

Incident Energy (MeV)

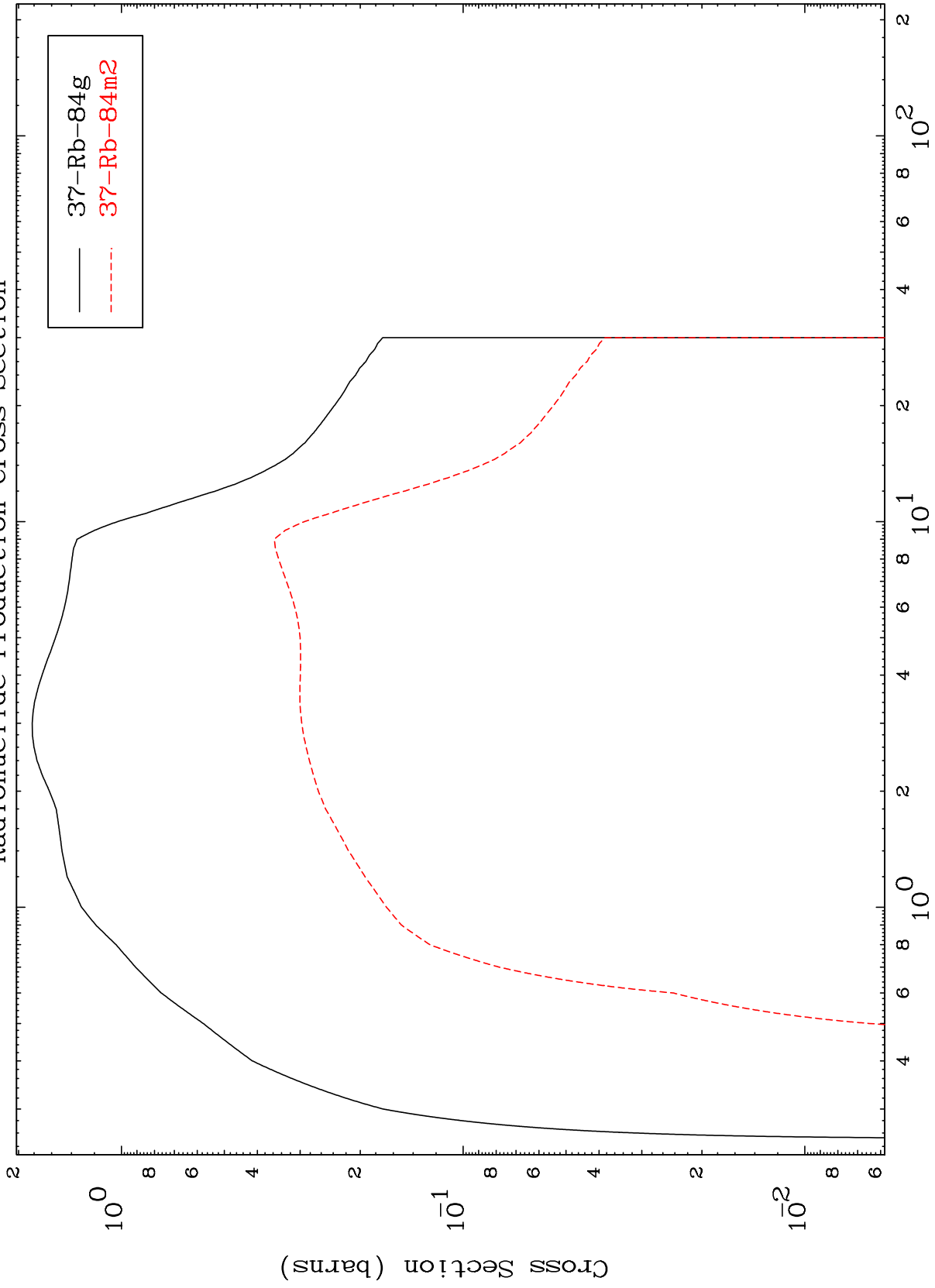
102

MAT 3722 MT= 77 (n,n') Level Legendre Coefficients 37-Rb-84



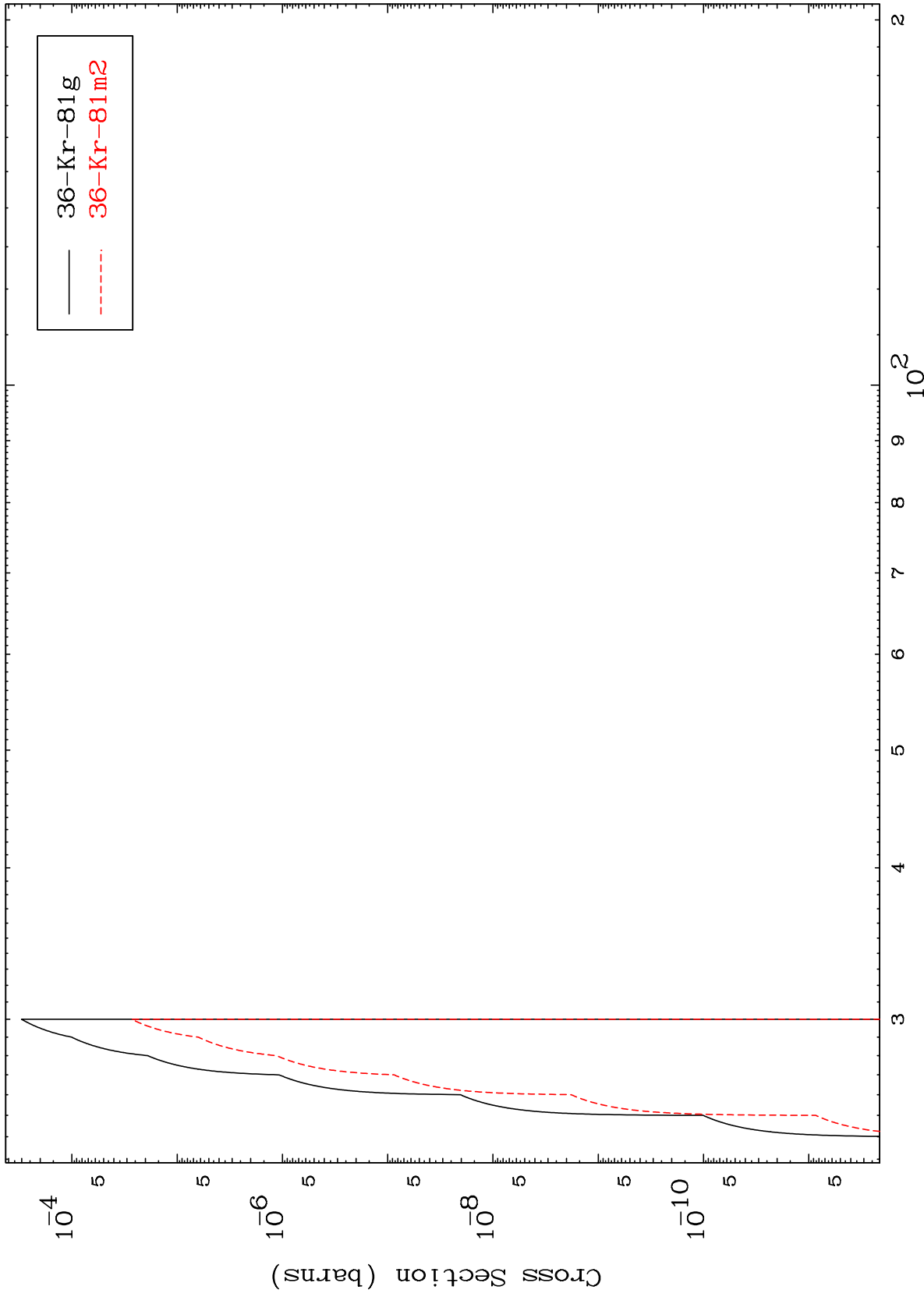
103 Incident Energy (MeV) 37-Rb-84

Inelastic
Radionuclide Production Cross Section



— 37-Rb-84g
- - - 37-Rb-84m2

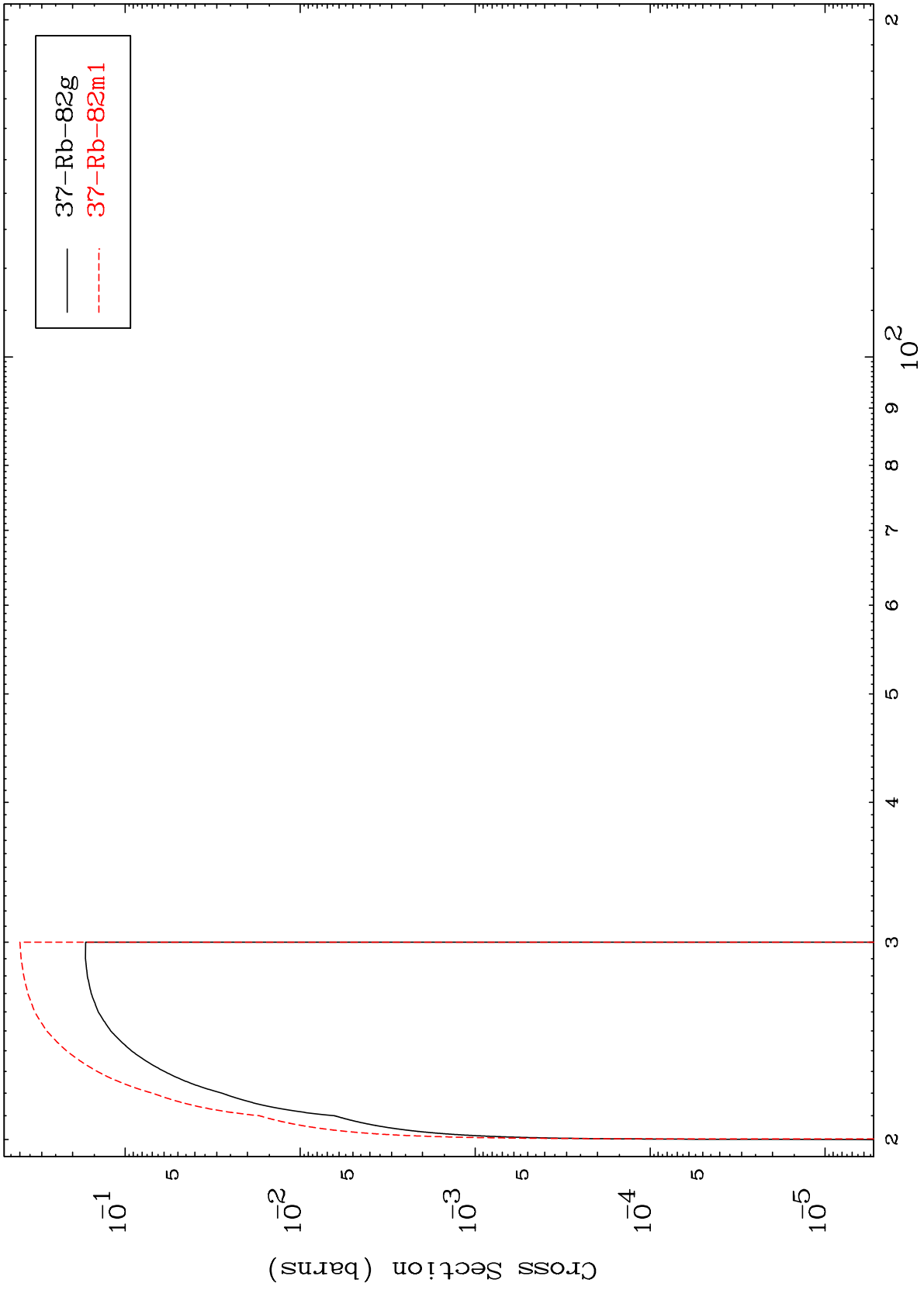
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

(n,3n)
Radionuclide Production Cross Section



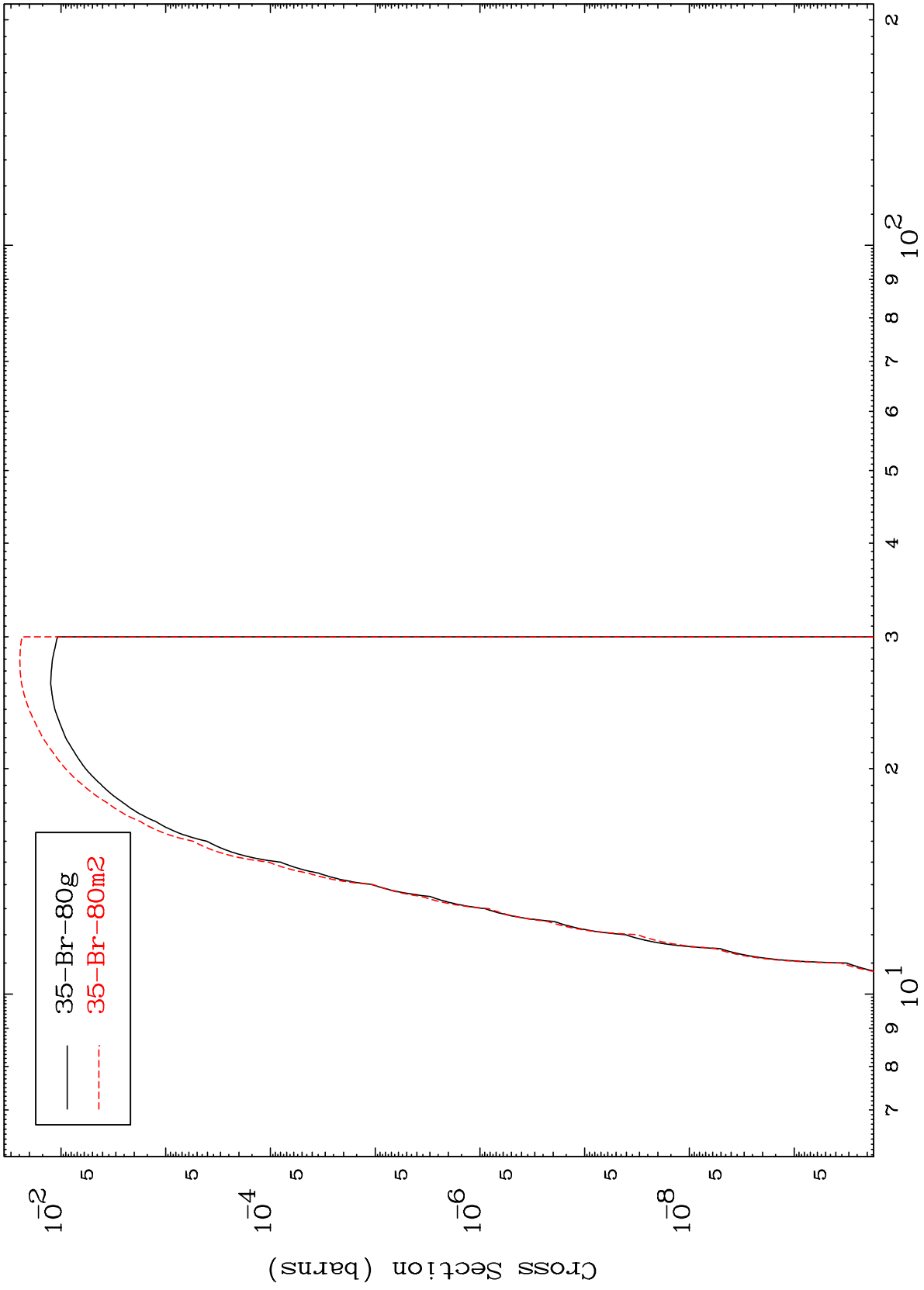
106

37-Rb-84

MAT 3722

37-Rb-84

(n,n') α
Radionuclide Production Cross Section



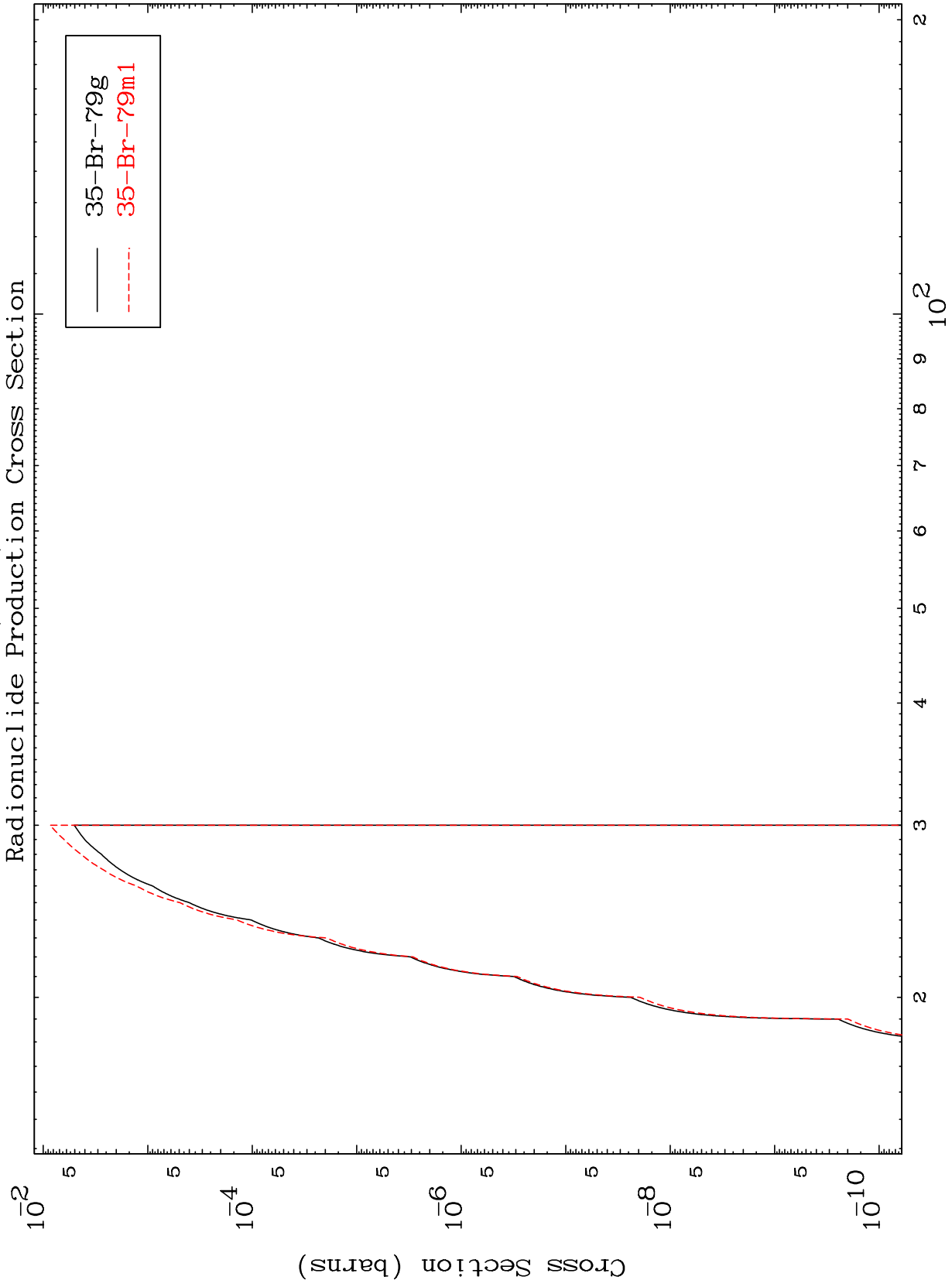
107

37-Rb-84

MAT 3722

(n,2n) α

37-Rb-84



108

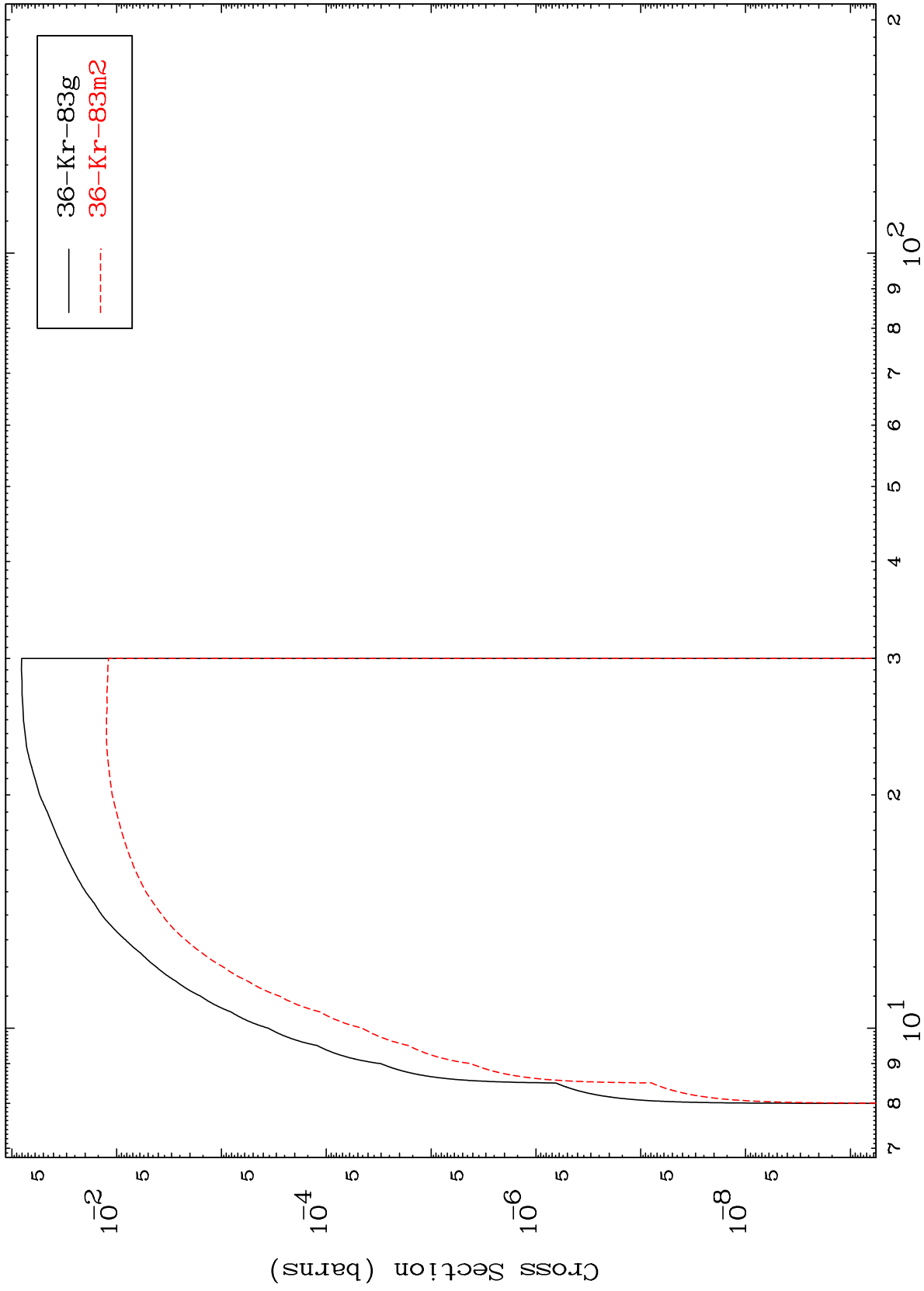
37-Rb-84

37-Rb-84

MAT 3722

37-Rb-84

(n,n') p
Radionuclide Production Cross Section



109

Incident Energy (MeV)

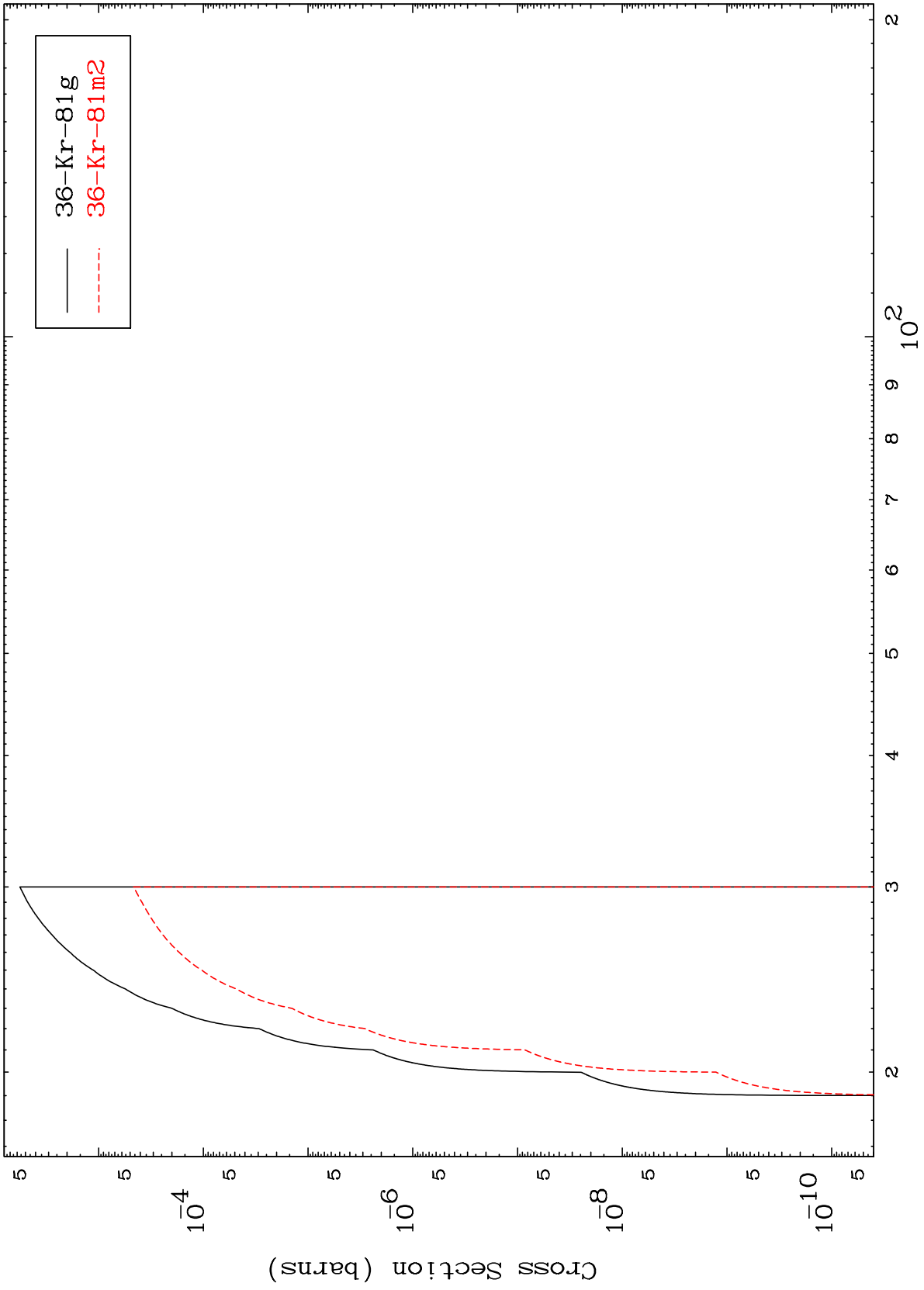
37-Rb-84

MAT 3722

(n,n') t

37-Rb-84

Radionuclide Production Cross Section



110

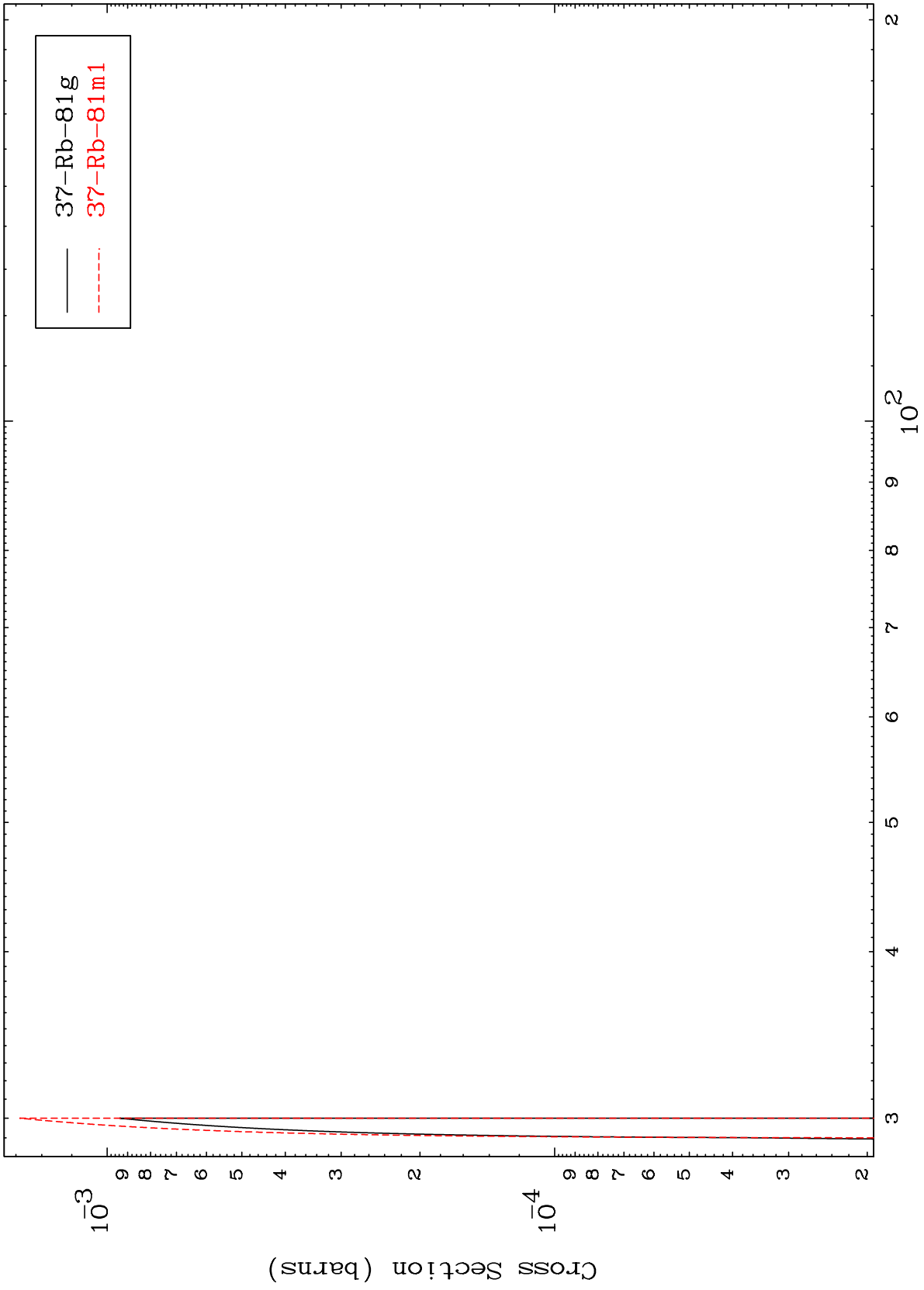
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,4n)
Radionuclide Production Cross Section

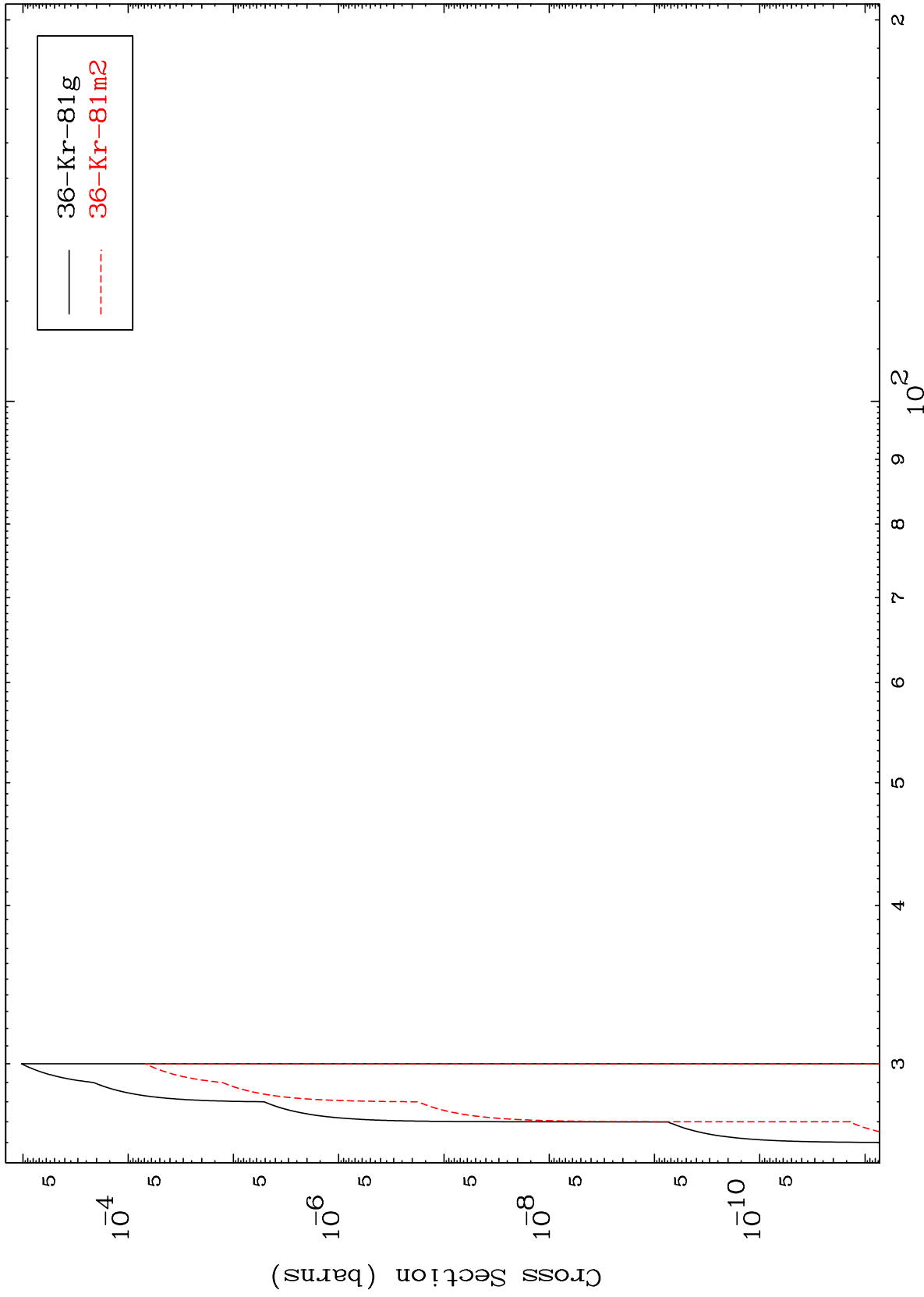


37-Rb-84

Incident Energy (MeV)

111

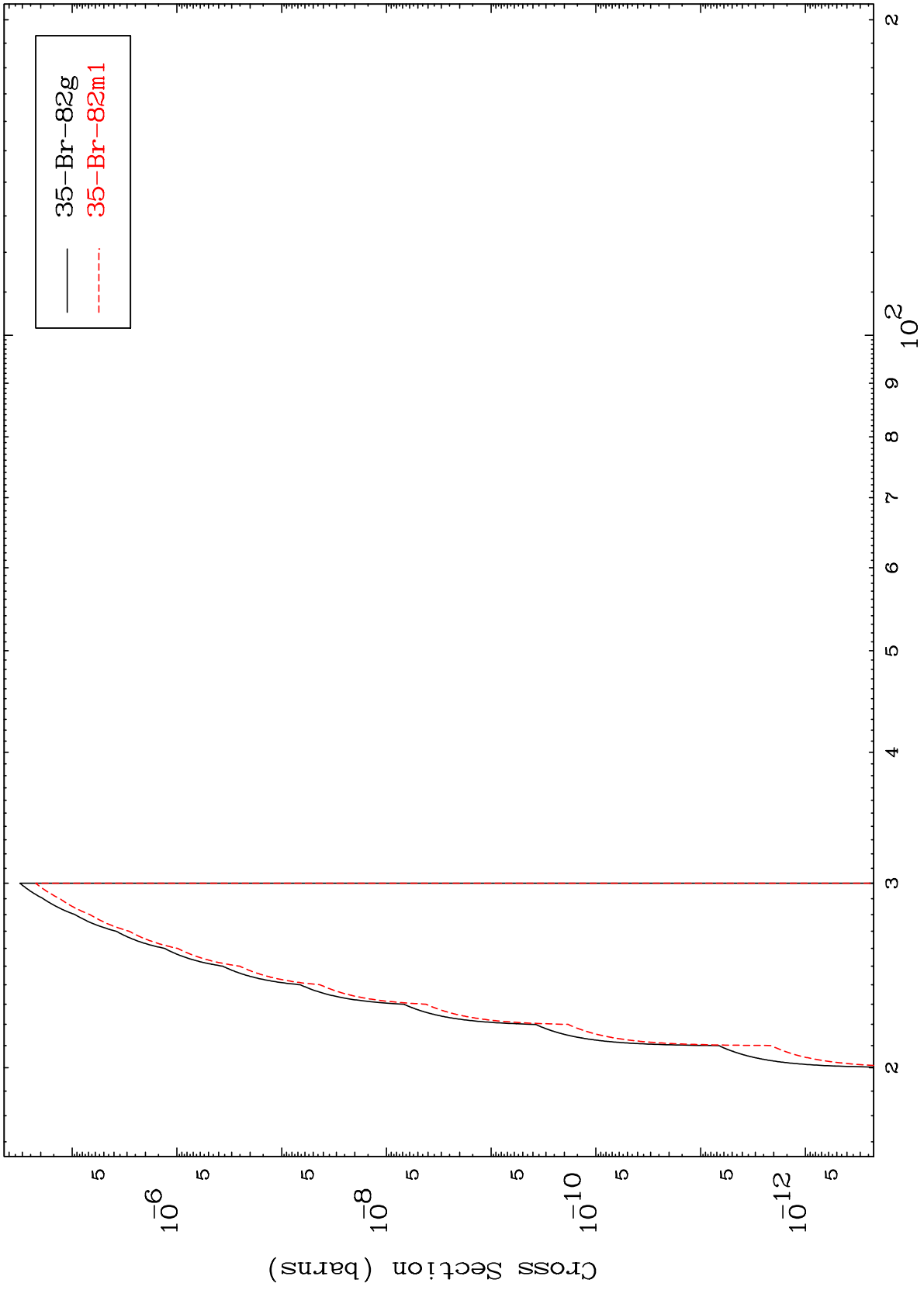
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

(n,2n) p
Radionuclide Production Cross Section



113

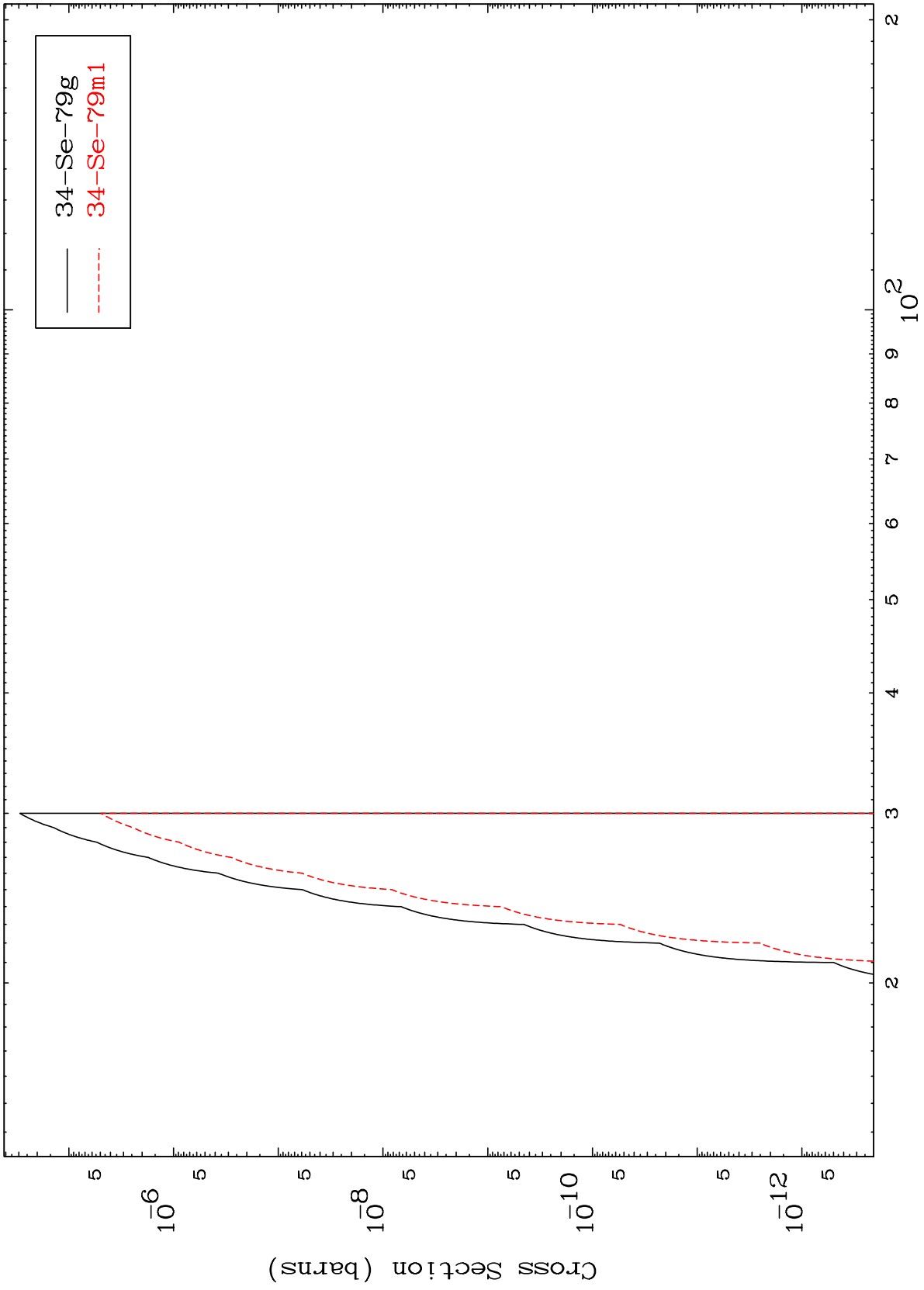
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,n') p α
Radionuclide Production Cross Section



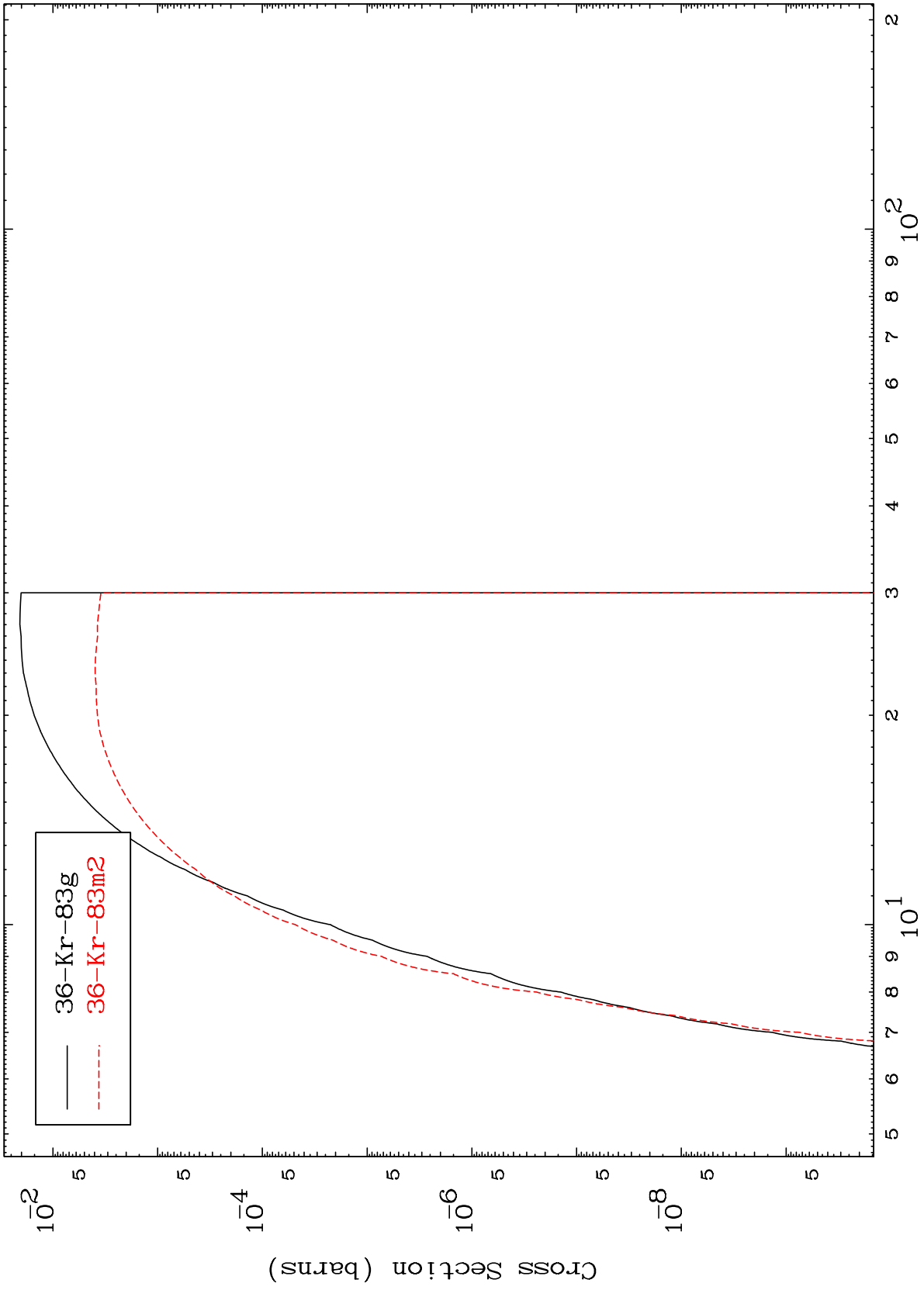
114

37-Rb-84

MAT 3722

37-Rb-84

(n,d)
Radionuclide Production Cross Section



115

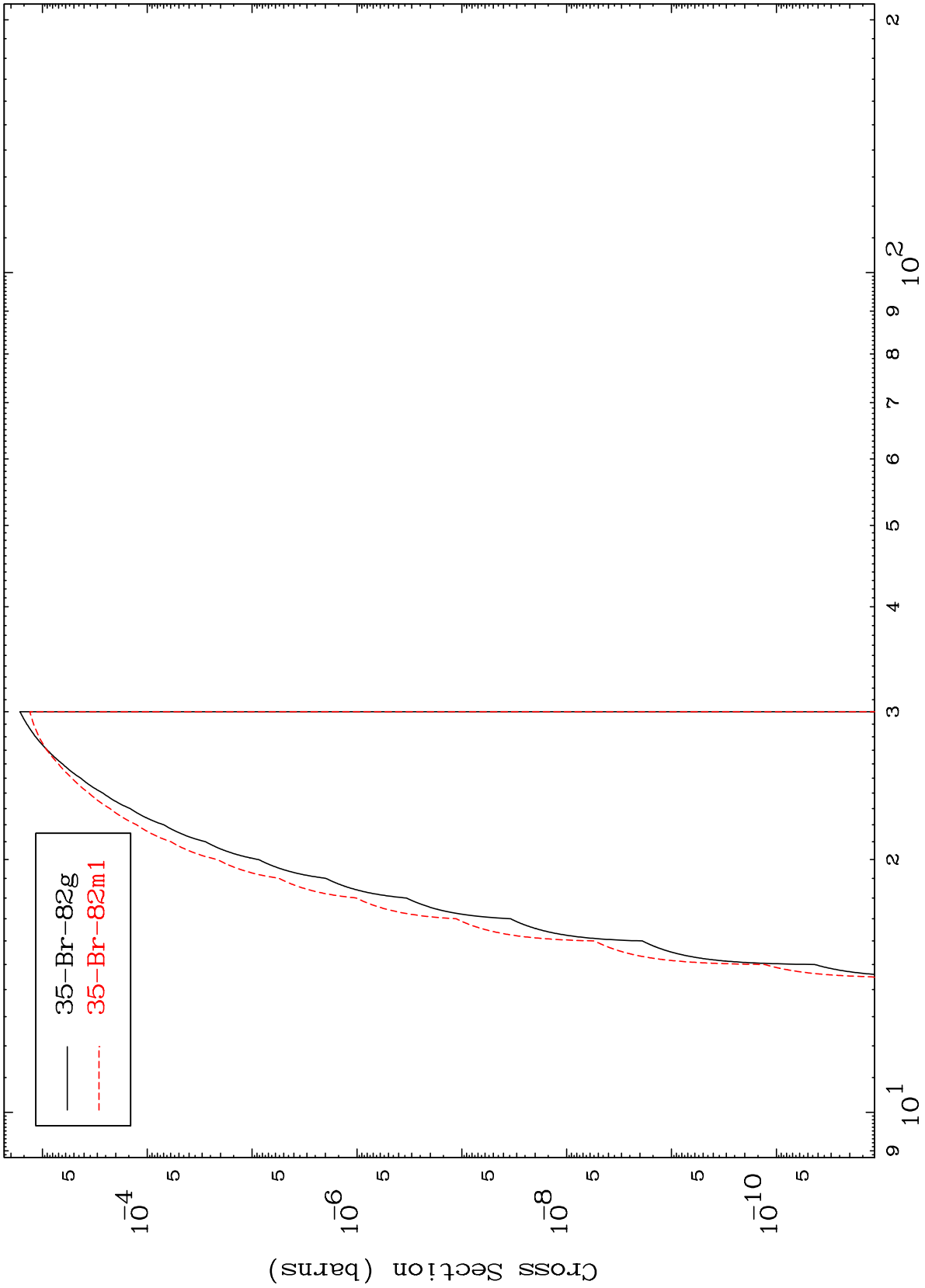
37-Rb-84

MAT 3722

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



116

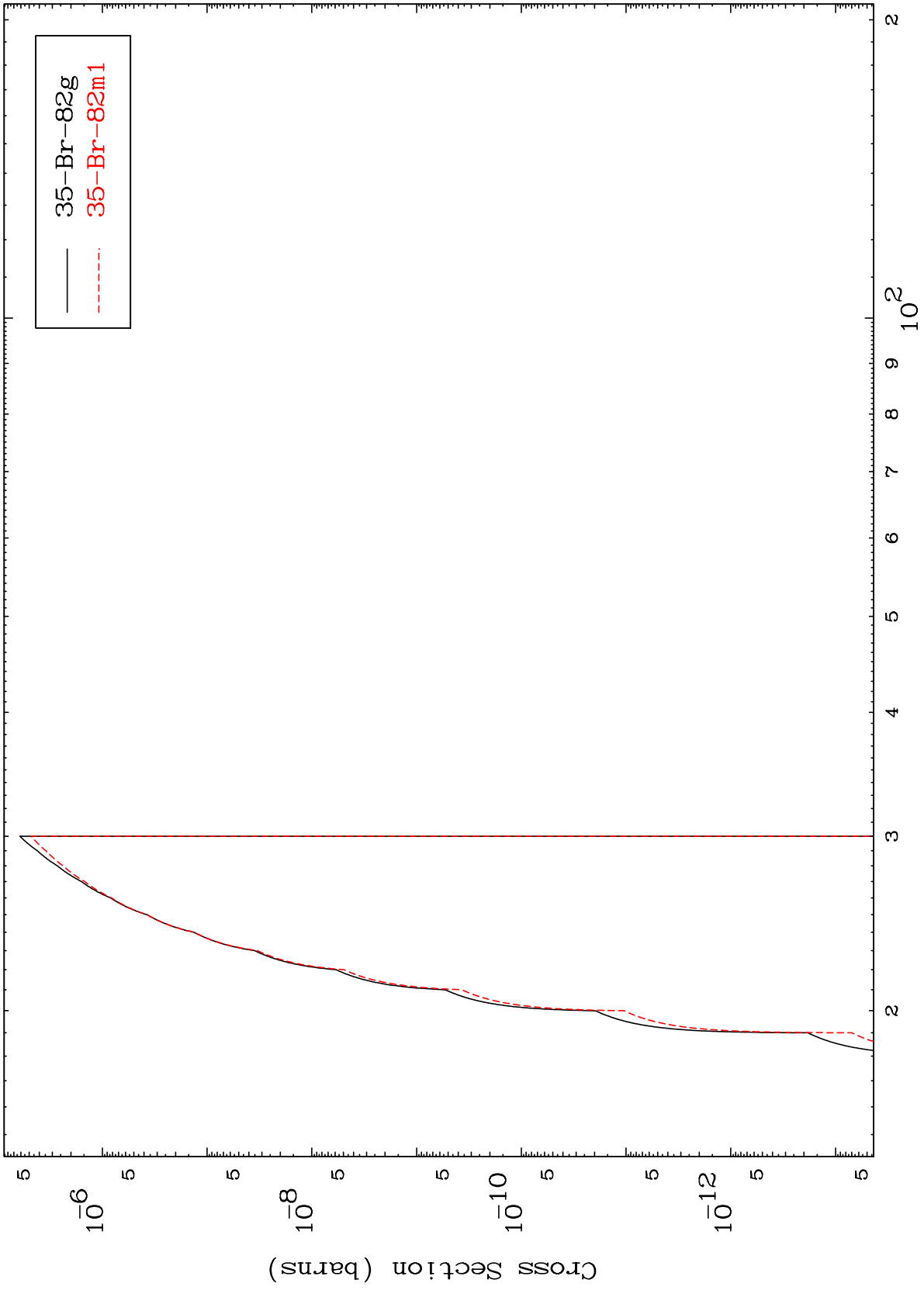
37-Rb-84

MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



117

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section

