

Program EVALPLOT
(Version 2018-1)

by

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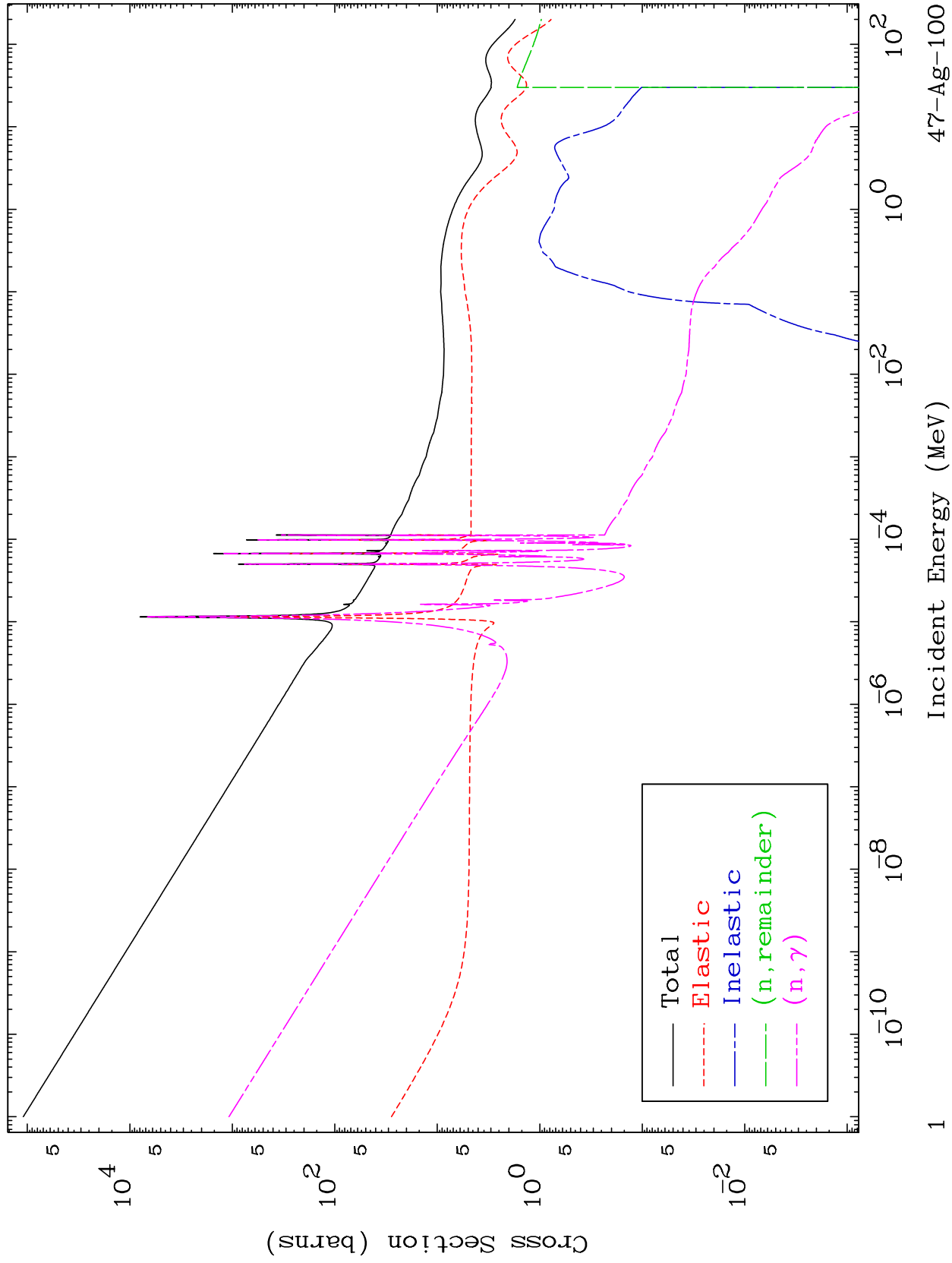
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4704

Major
293 Kelvin Cross Sections

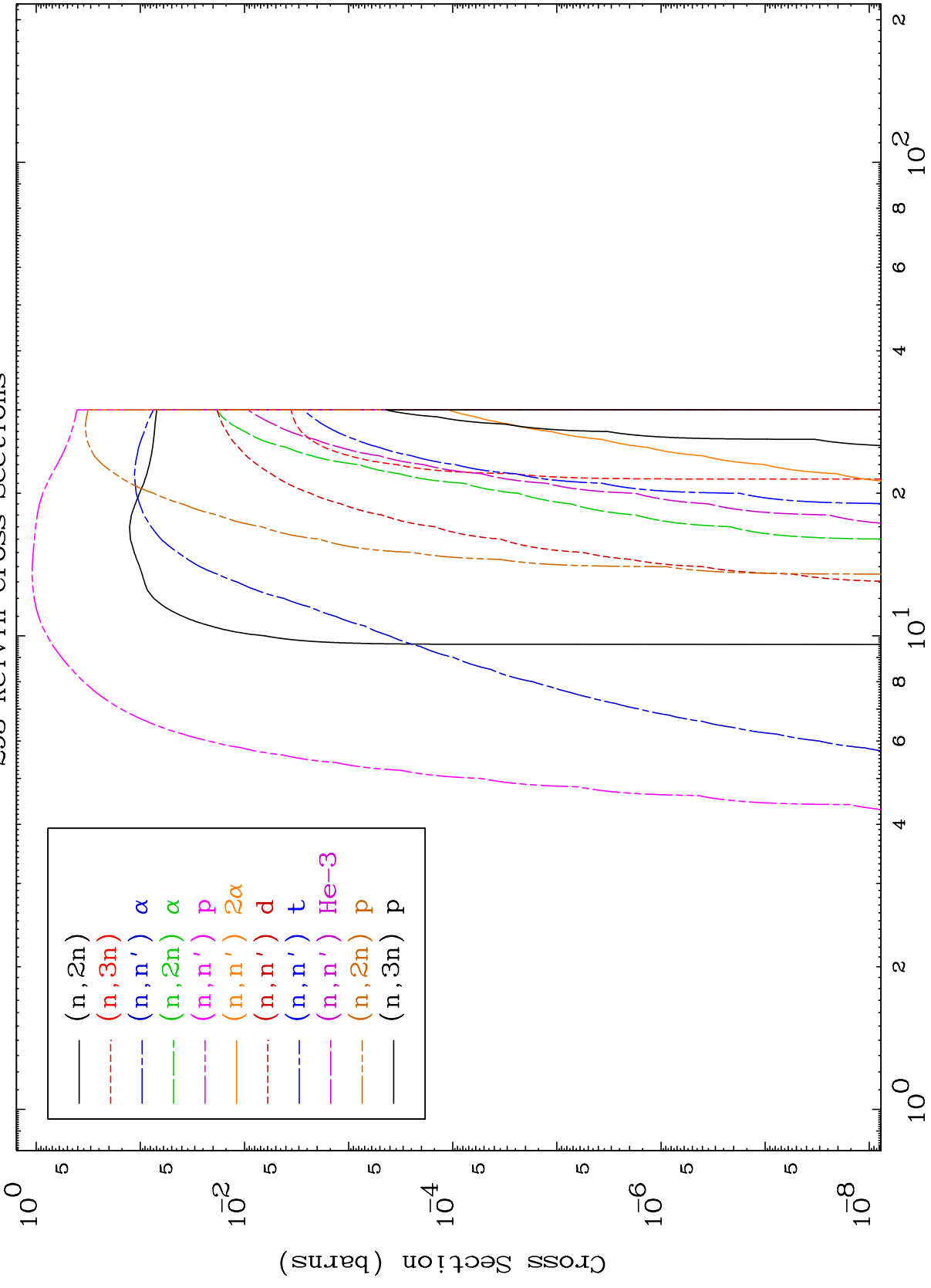
47-Ag-100



MAT 4704

Neutron Production
293 Kelvin Cross Sections

47-Ag-100



47-Ag-100

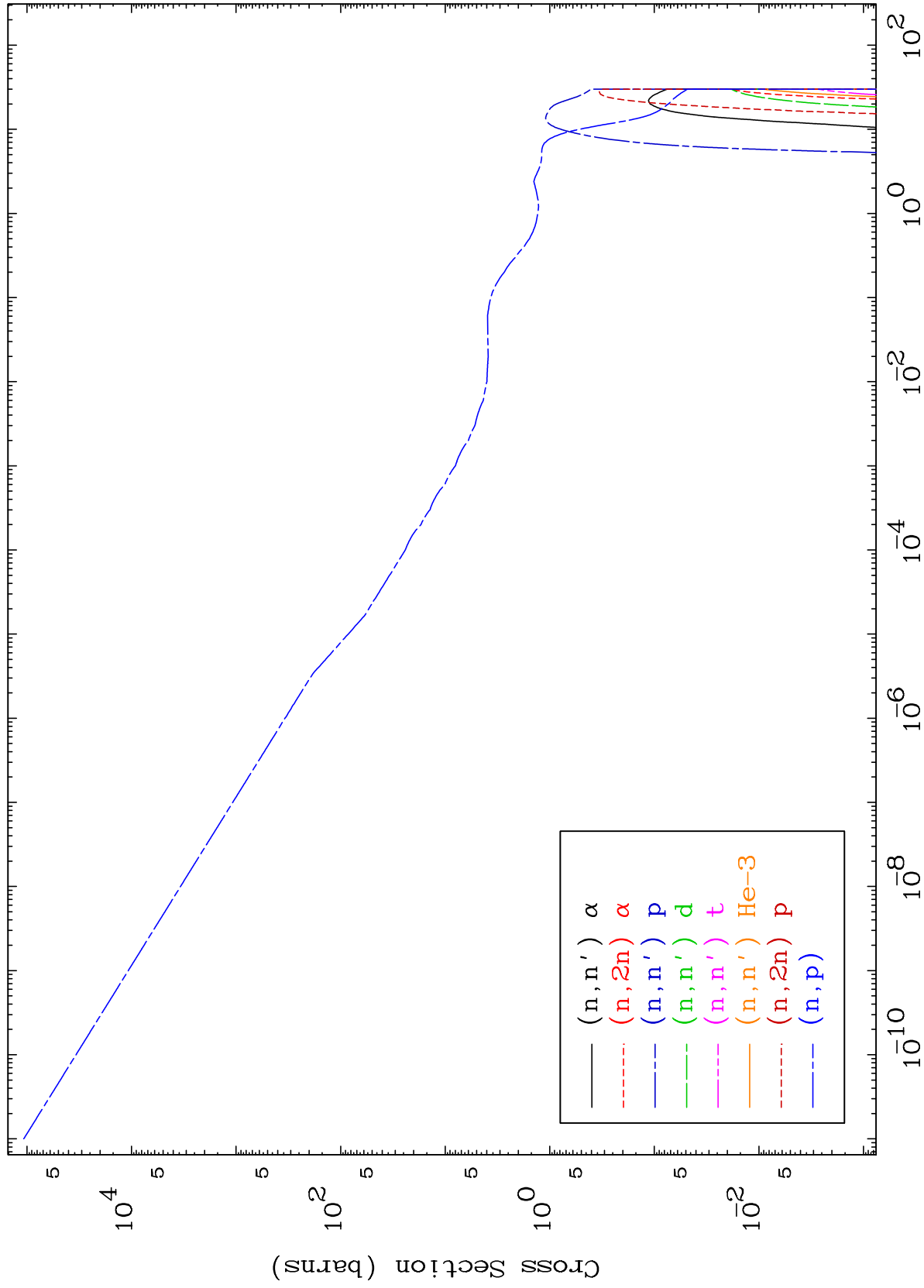
Incident Energy (MeV)

2

MAT 4704

Charged Particle
293 Kelvin Cross Sections

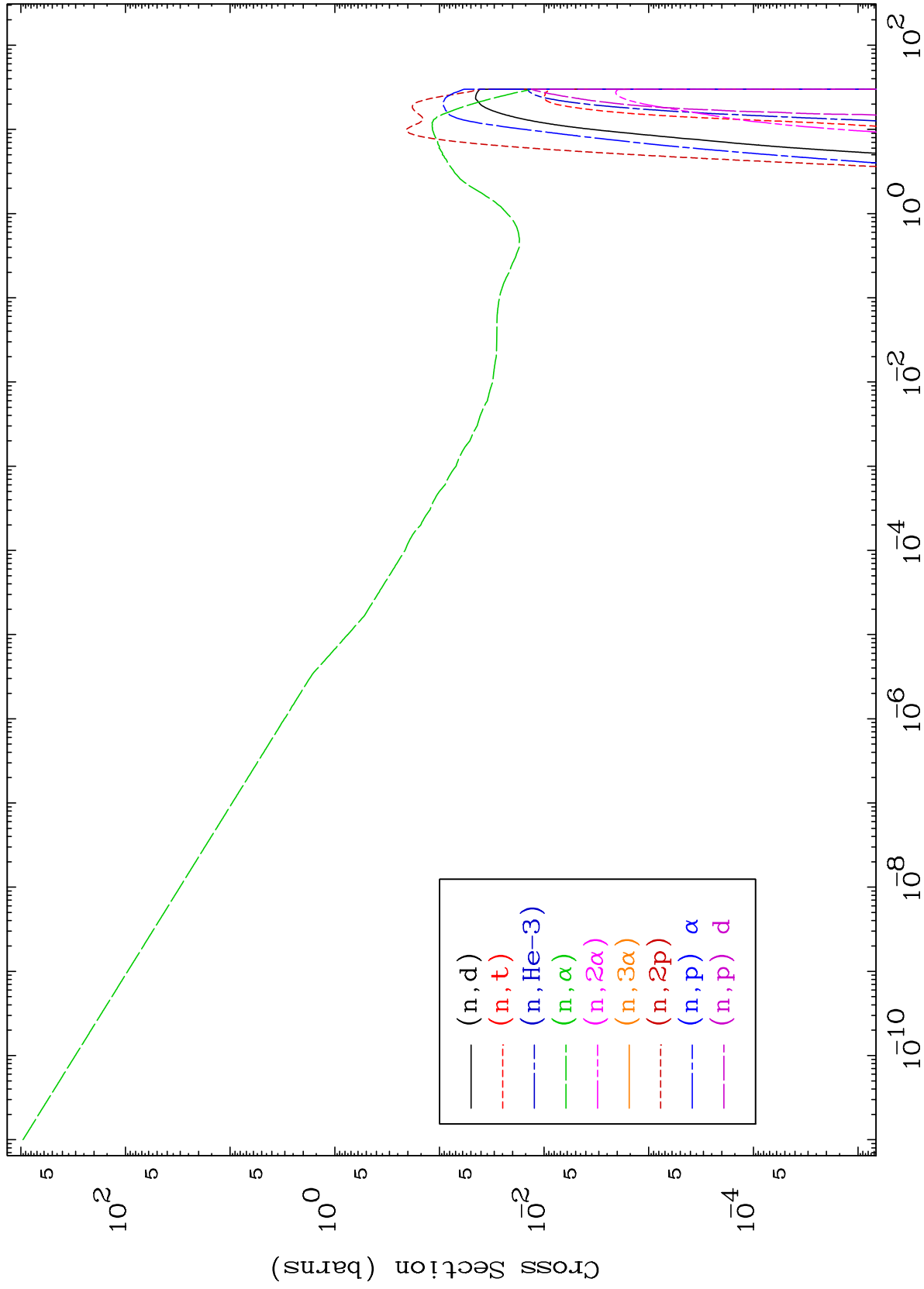
47-Ag-100



MAT 4704

293 Kelvin Cross Sections

47-Ag-100

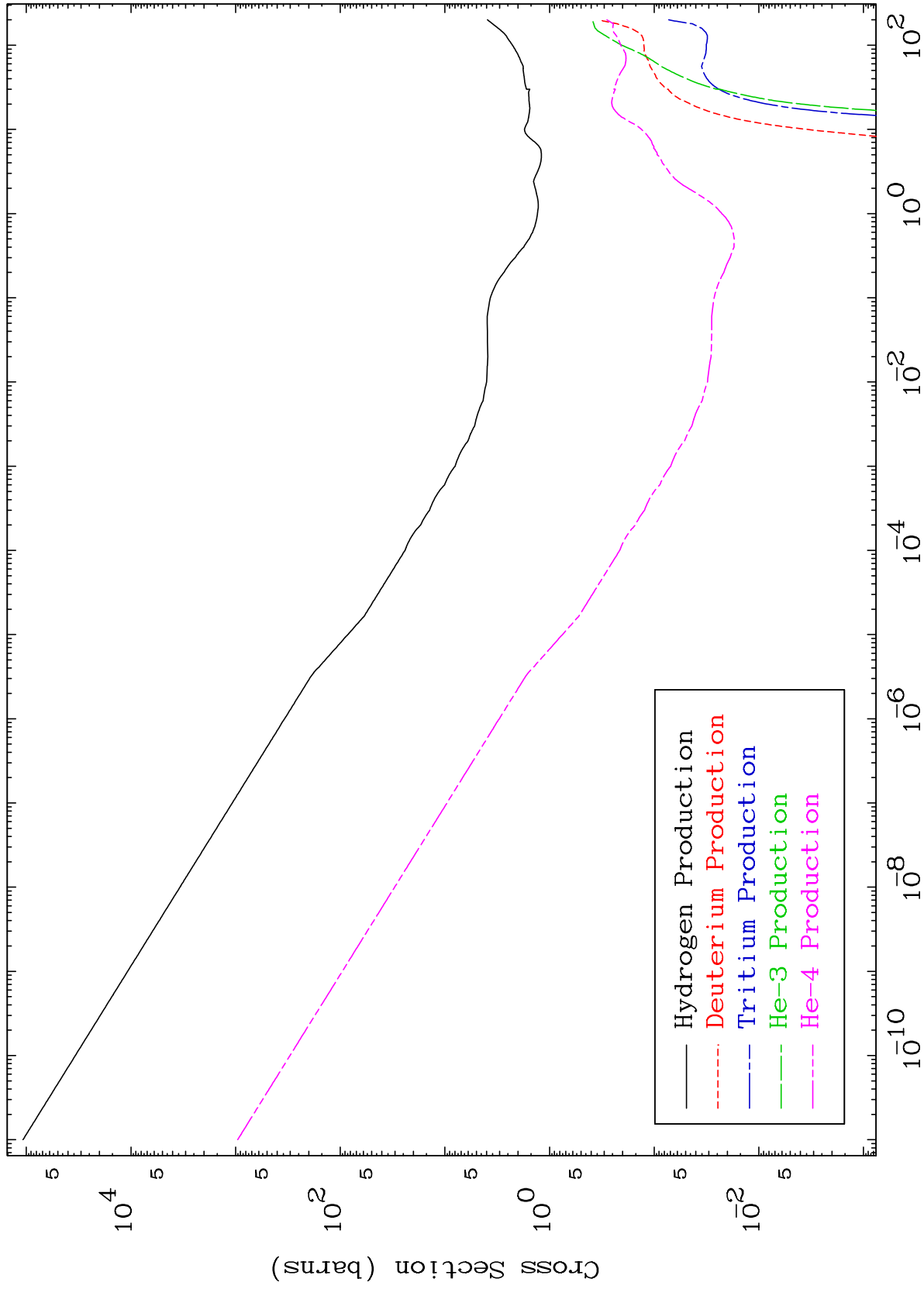


47-Ag-100

MAT 4704

Particle Production
293 Kelvin Cross Sections

47-Ag-100

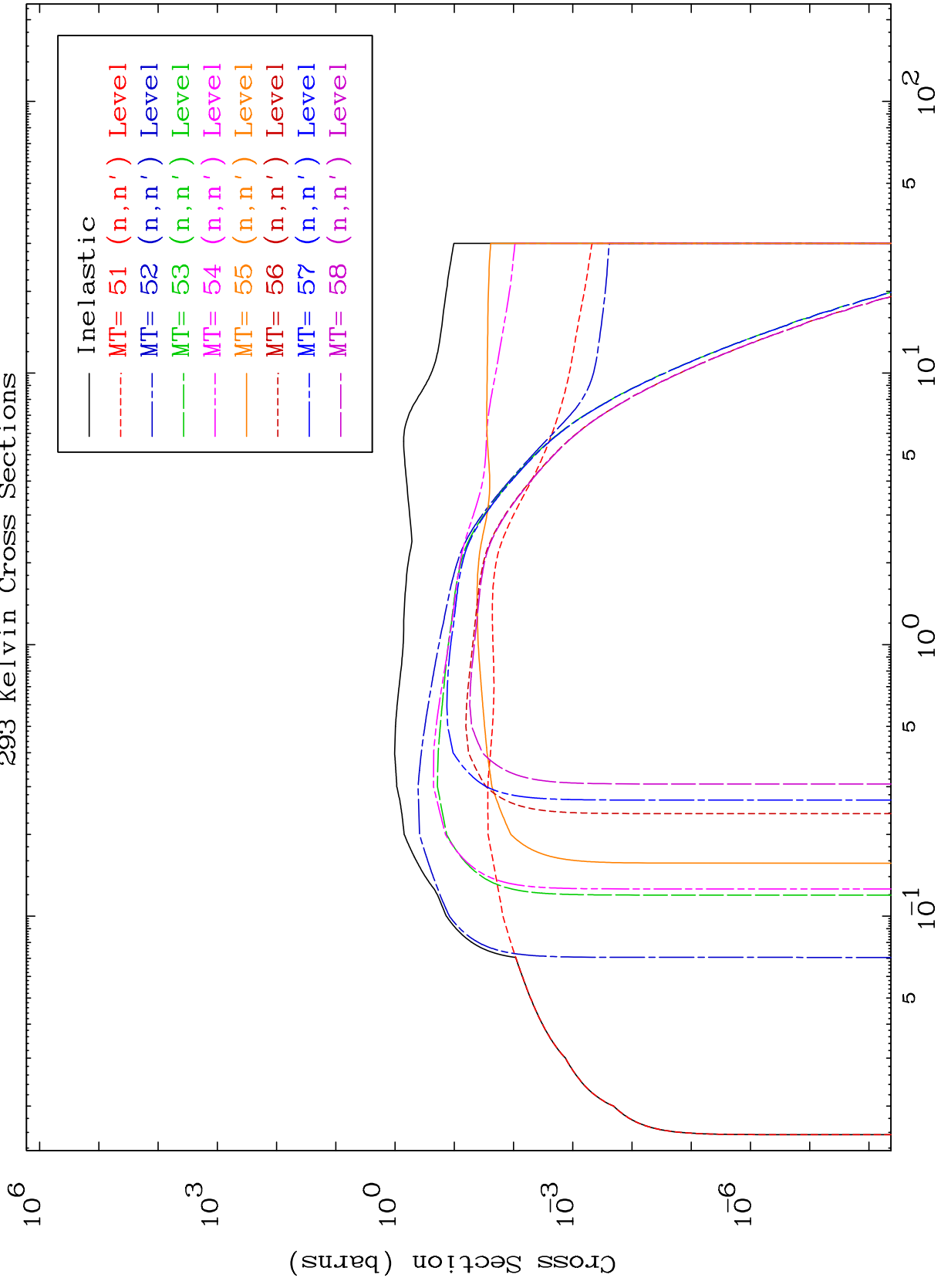


MAT 4704

(n,n') Level

293 Kelvin Cross Sections

47-Ag-100



6

Incident Energy (MeV)

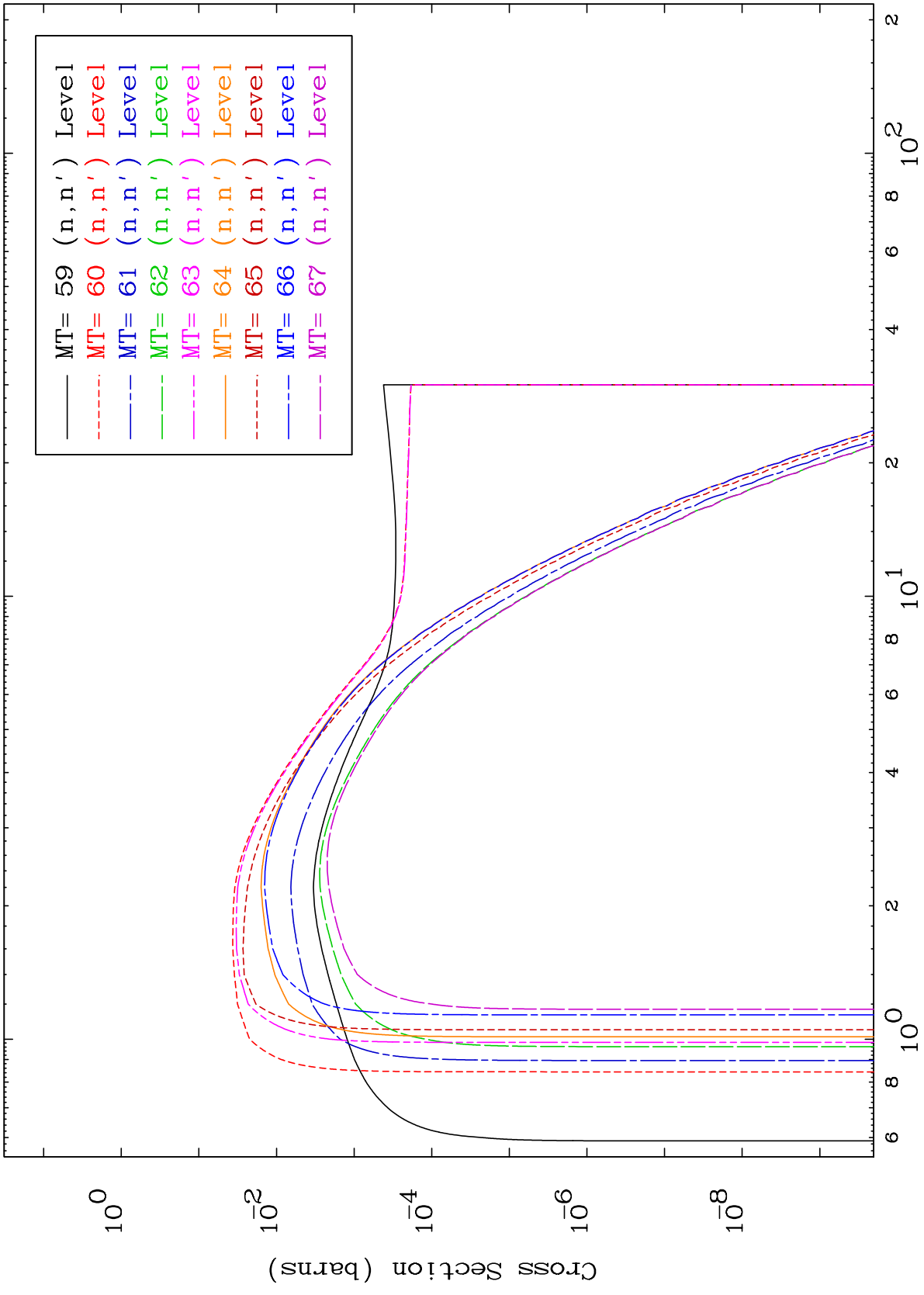
47-Ag-100

MAT 4704

(n,n') Level

47-Ag-100

293 Kelvin Cross Sections



7

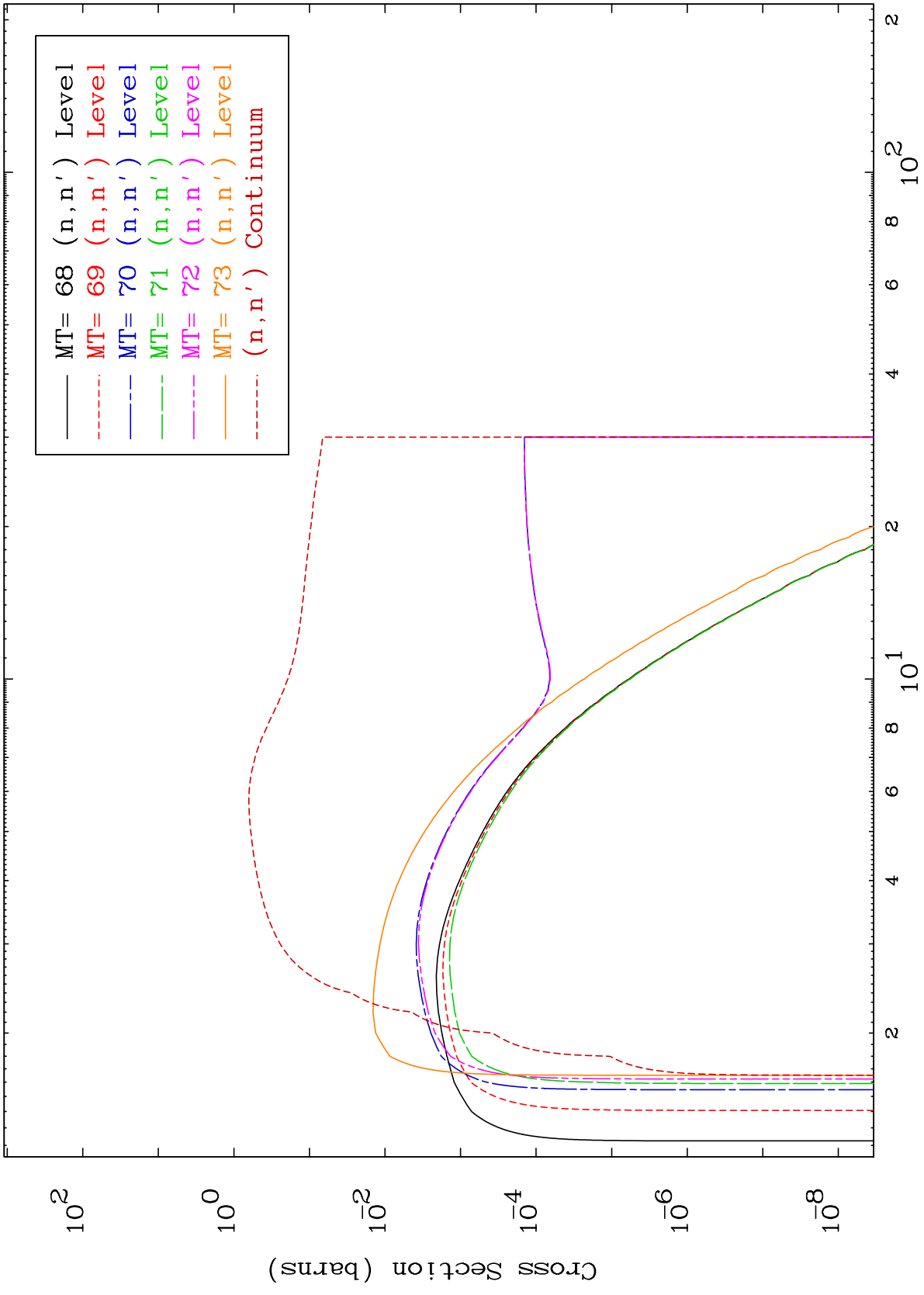
Incident Energy (MeV)

47-Ag-100

MAT 4704

(n,n') Level
293 Kelvin Cross Sections

47-Ag-100



8

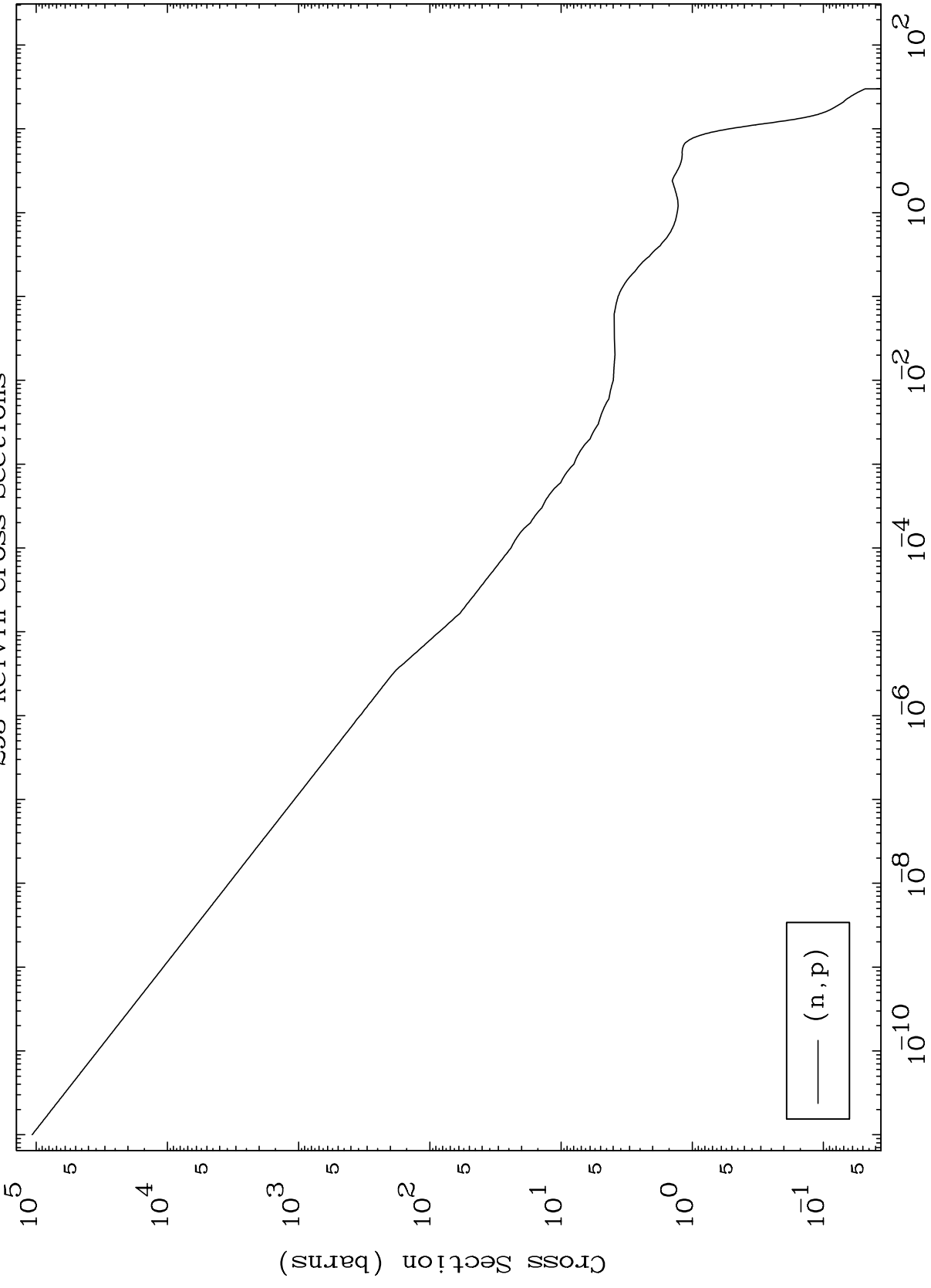
Incident Energy (MeV)

47-Ag-100

MAT 4704

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-100



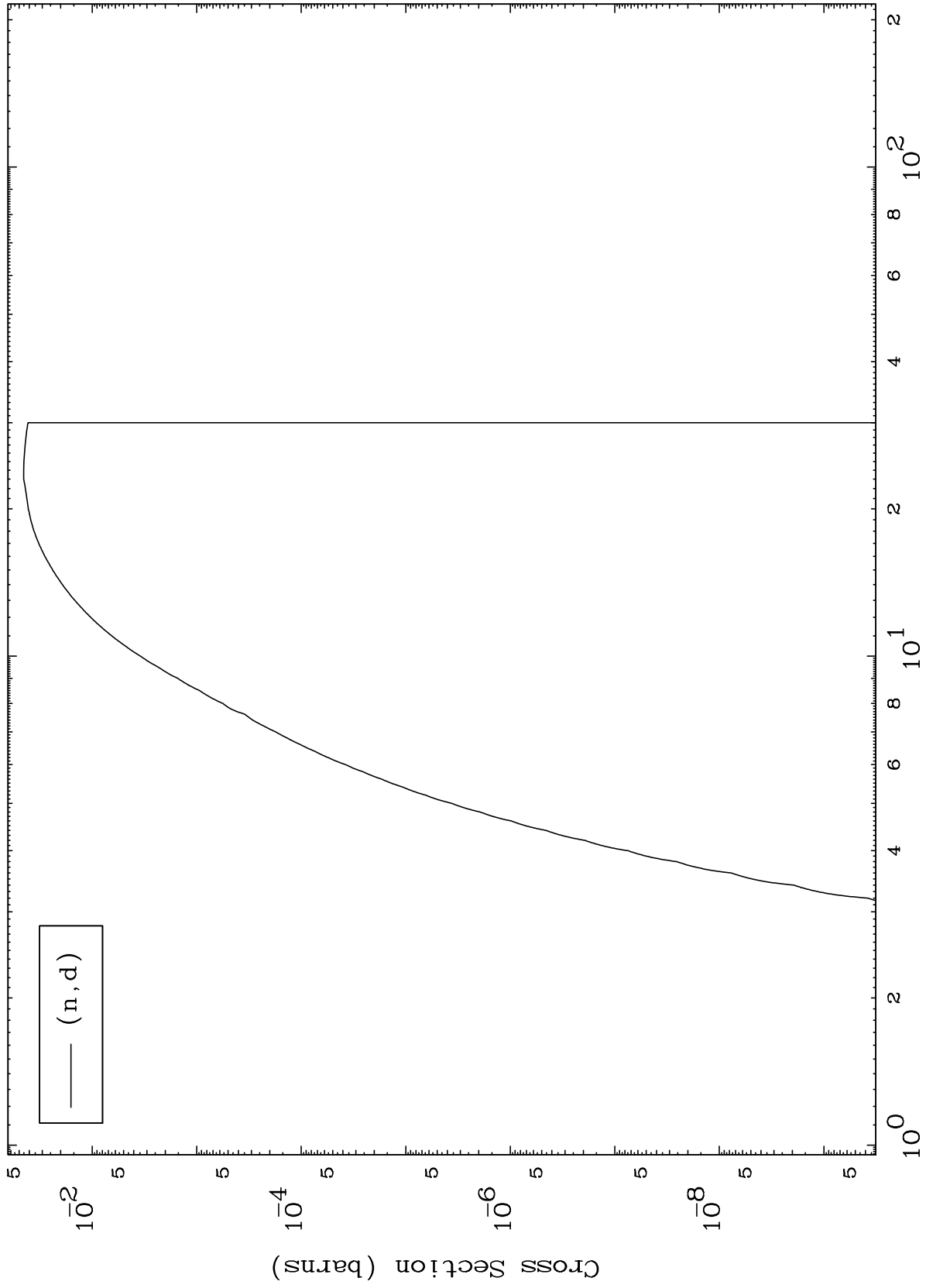
(n,p)

47-Ag-100

MAT 4704

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-100



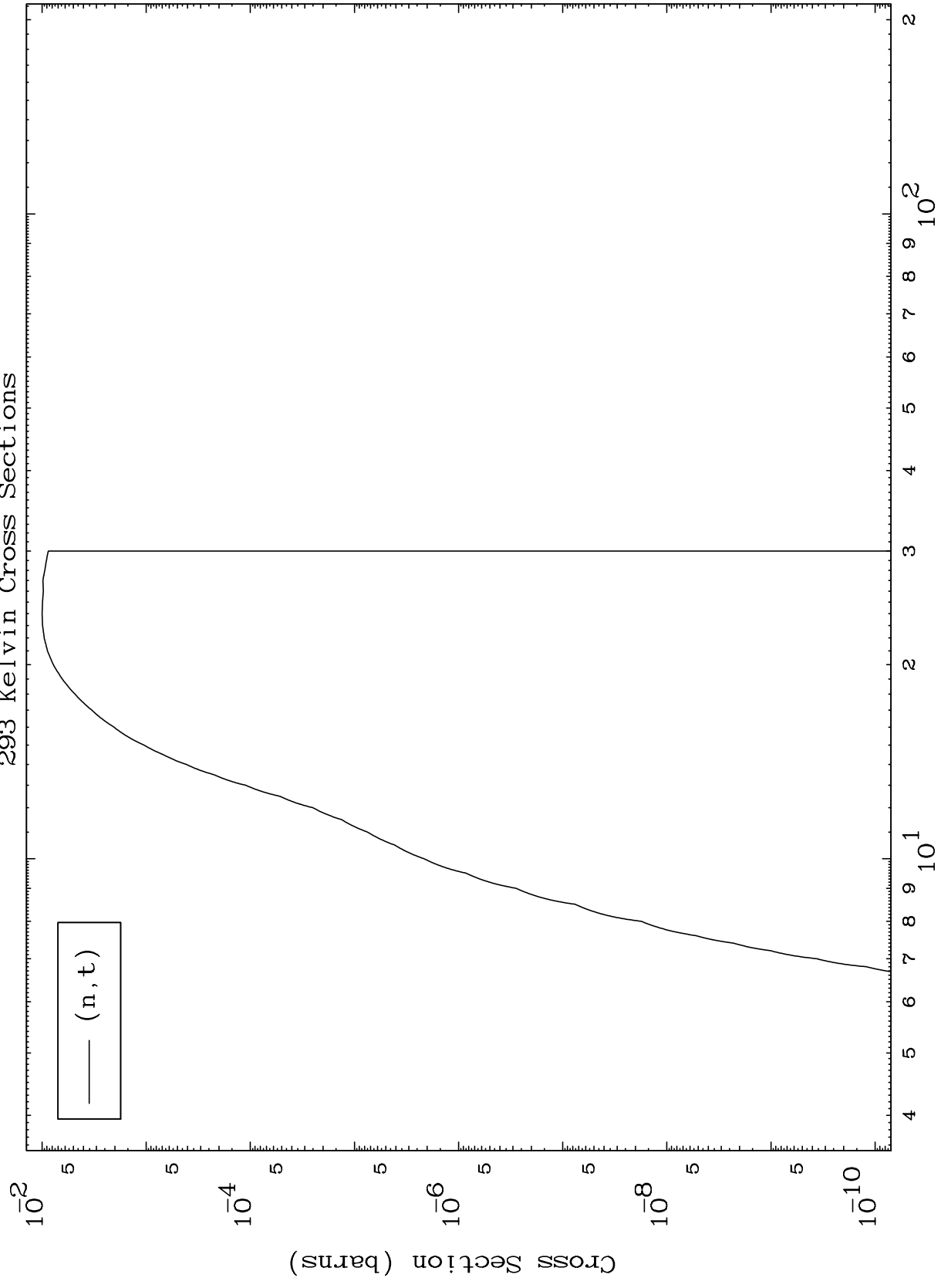
Incident Energy (MeV)

47-Ag-100

MAT 4704

(n,t) Levels
293 Kelvin Cross Sections

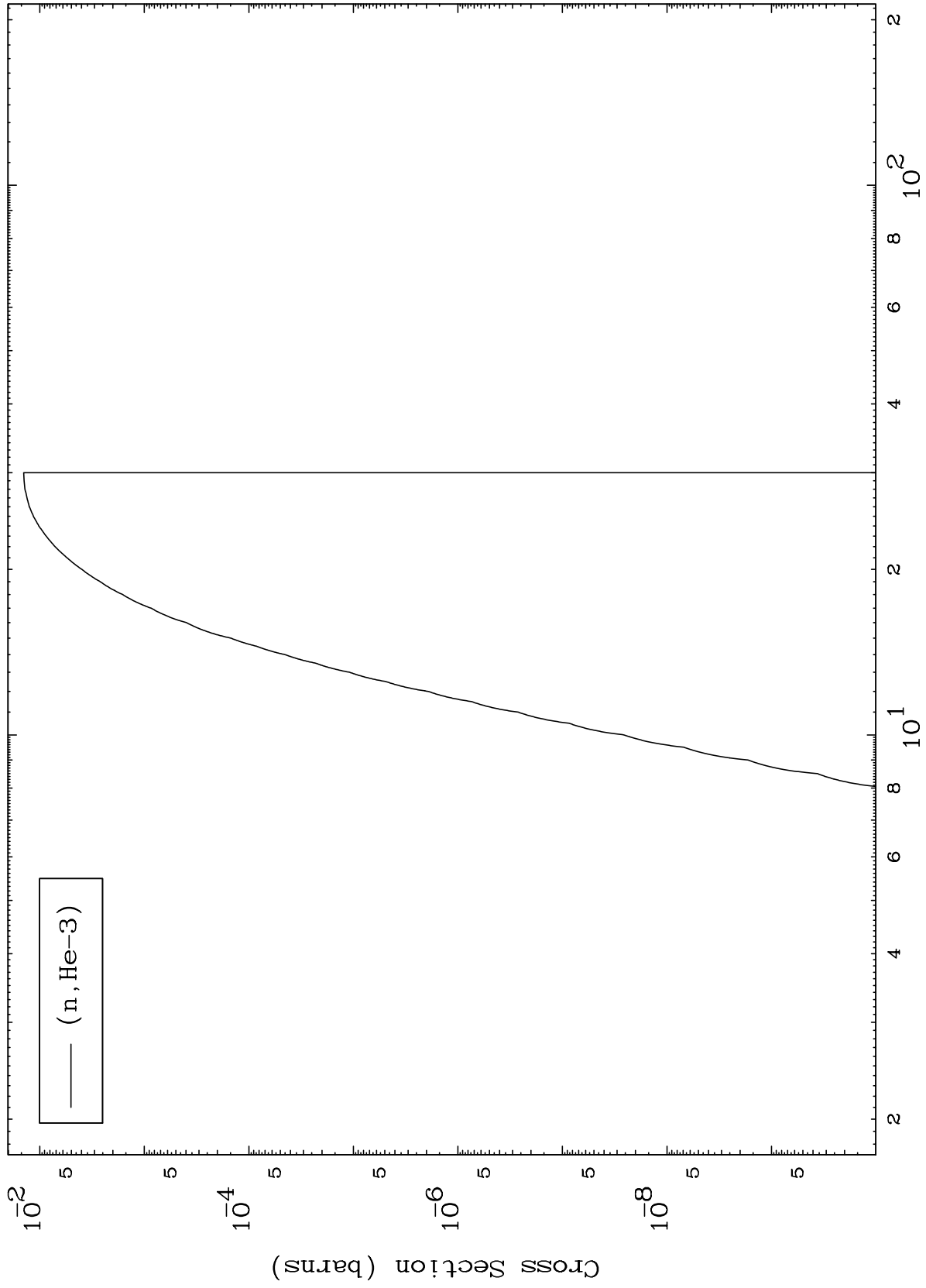
47-Ag-100



MAT 4704

(n,He3) Levels
293 Kelvin Cross Sections

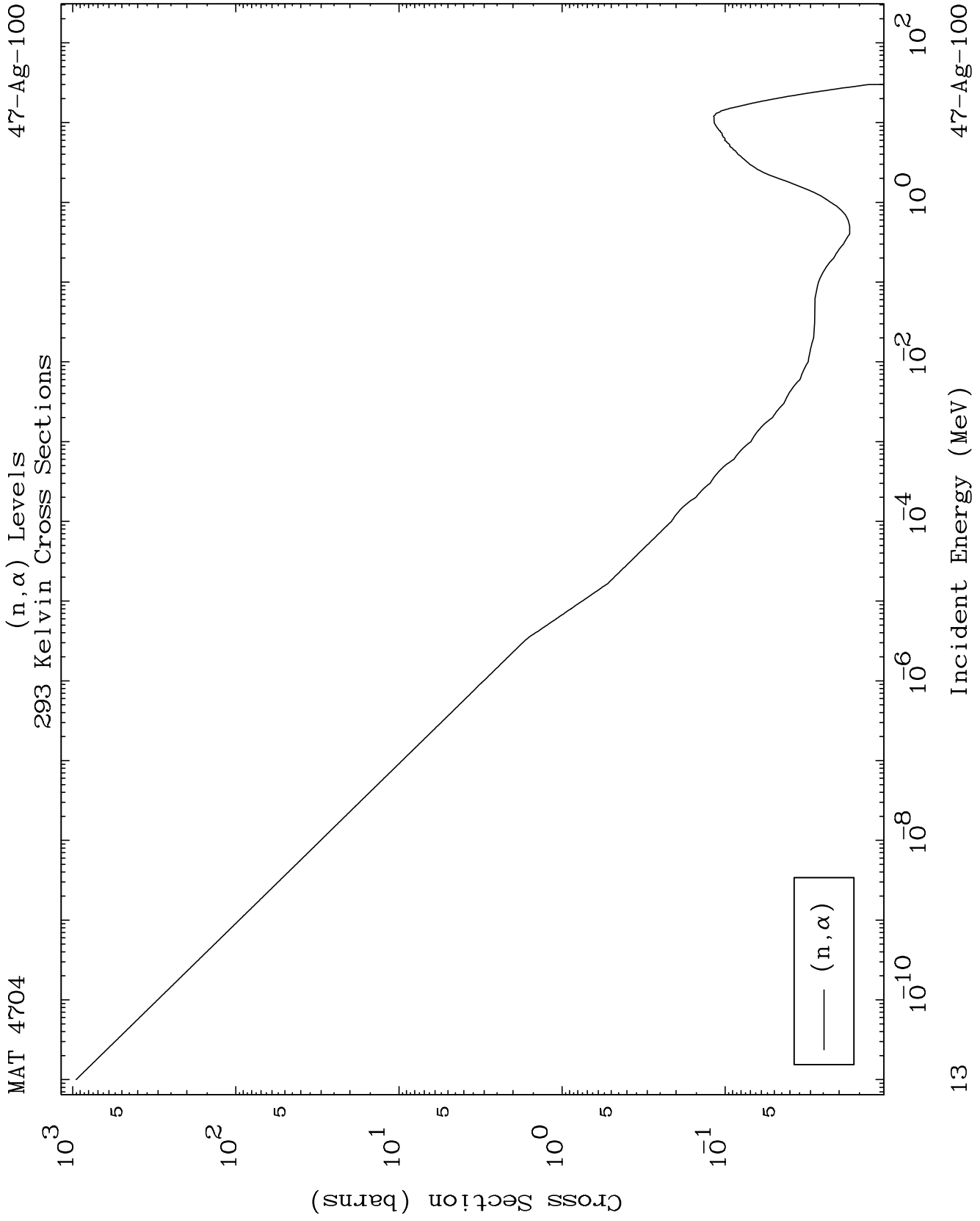
47-Ag-100

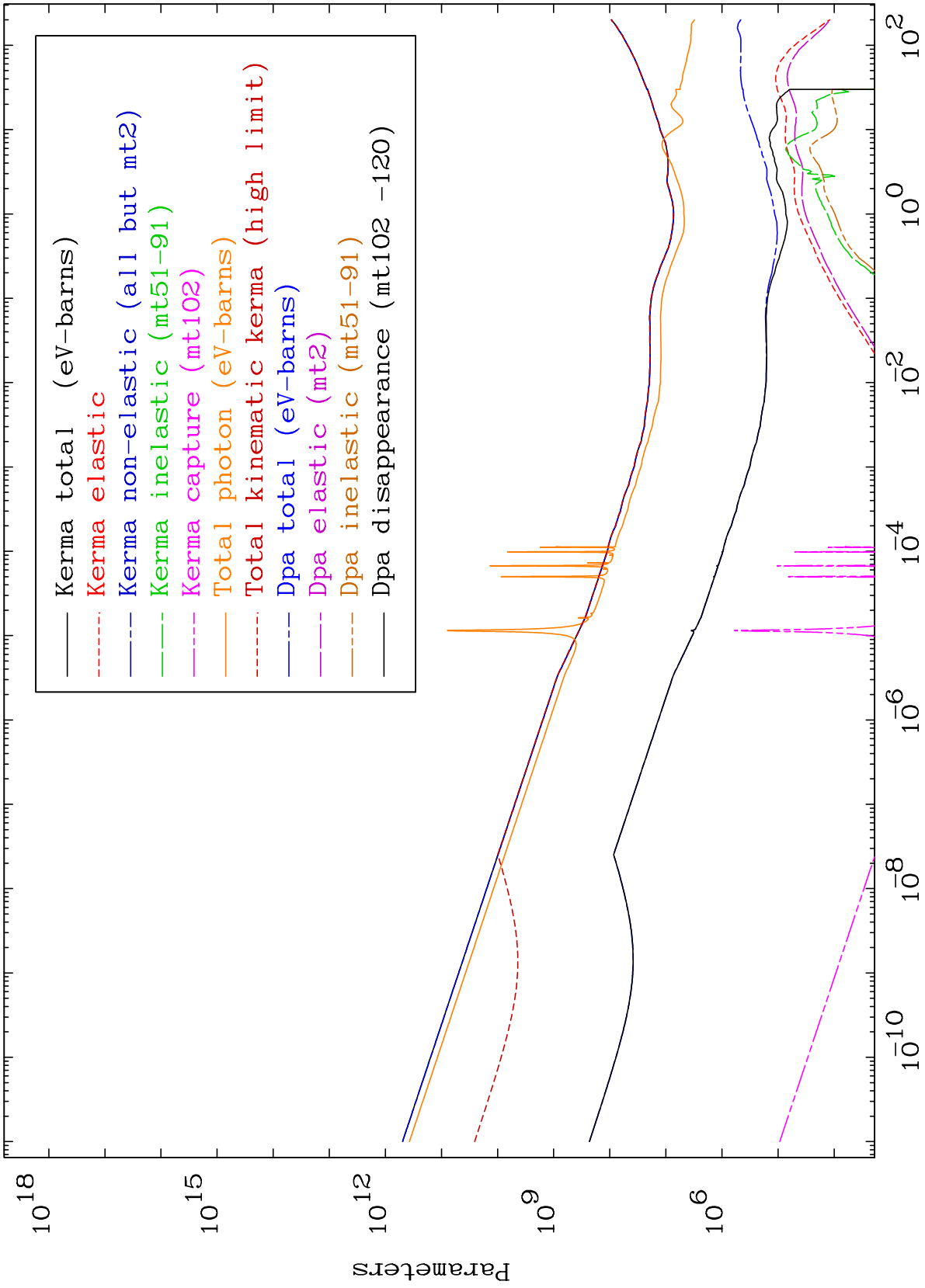


12

Incident Energy (MeV)

47-Ag-100

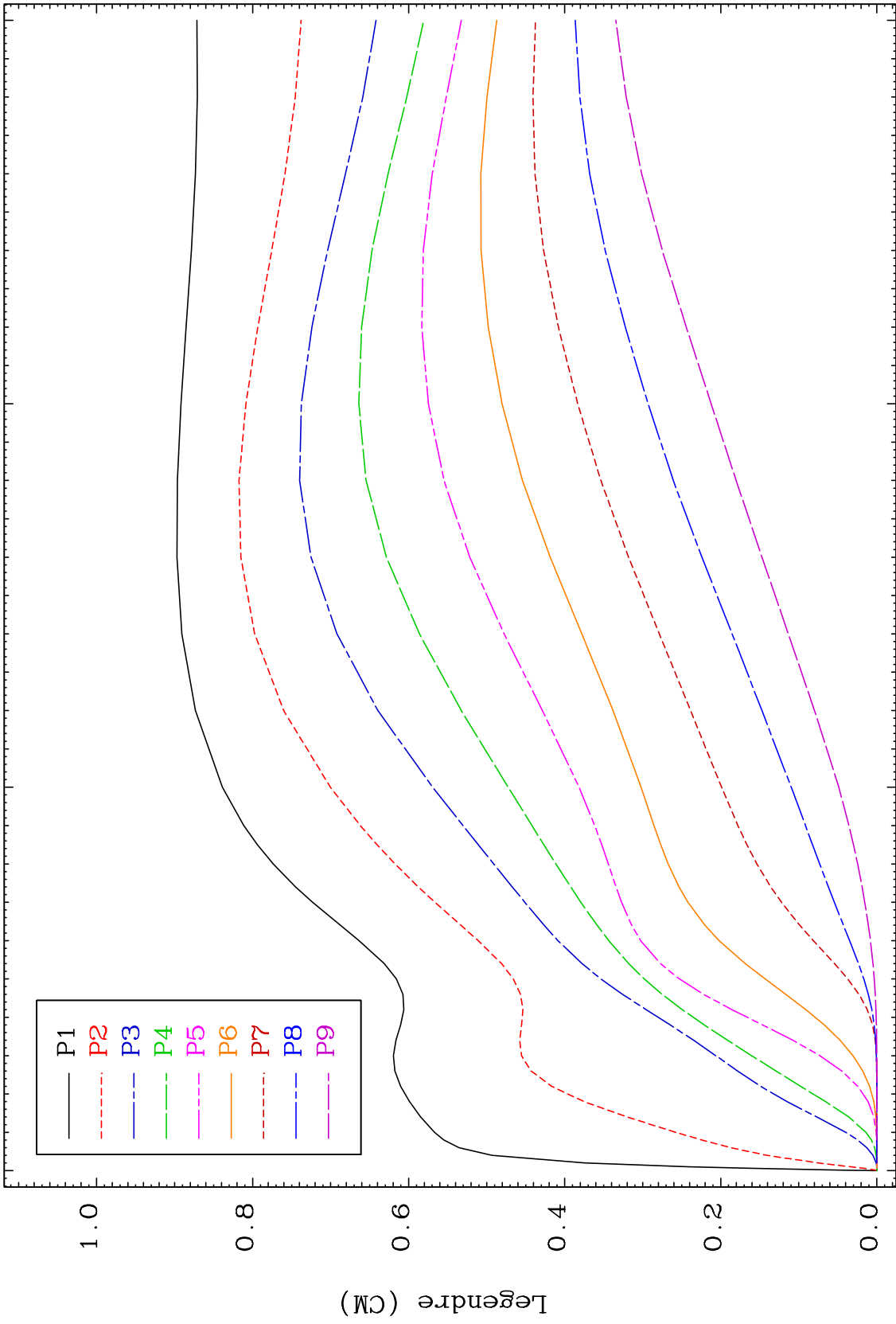




MAT 4704

Elastic Legendre Coefficients

47-Ag-100



15

Incident Energy (MeV)

47-Ag-100

30

20

10

1.0

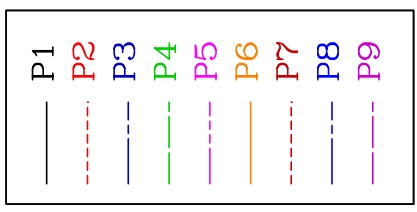
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0.6

0.4

0.2

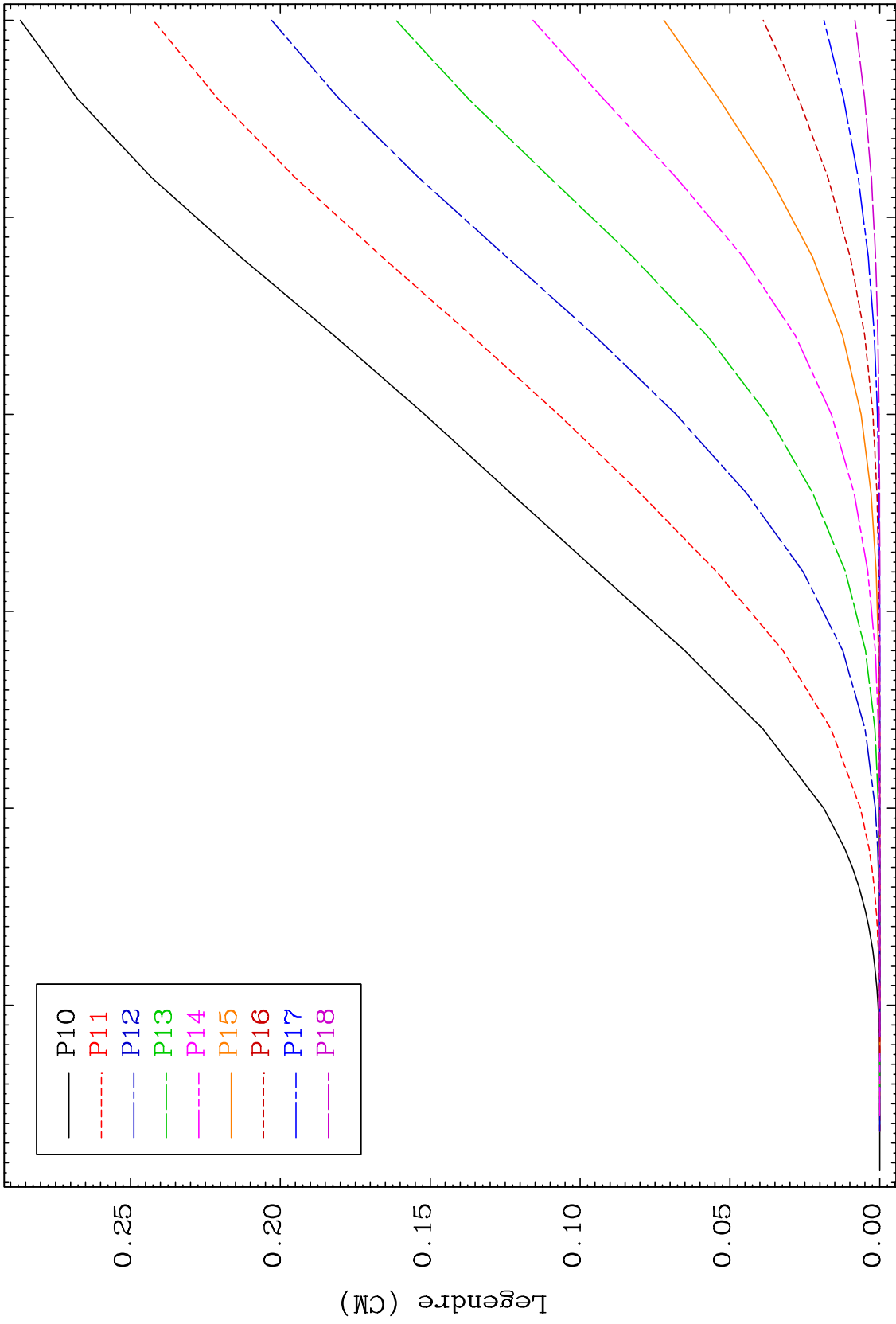
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MAT 4704

Elastic Legendre Coefficients

47-Ag-100



16

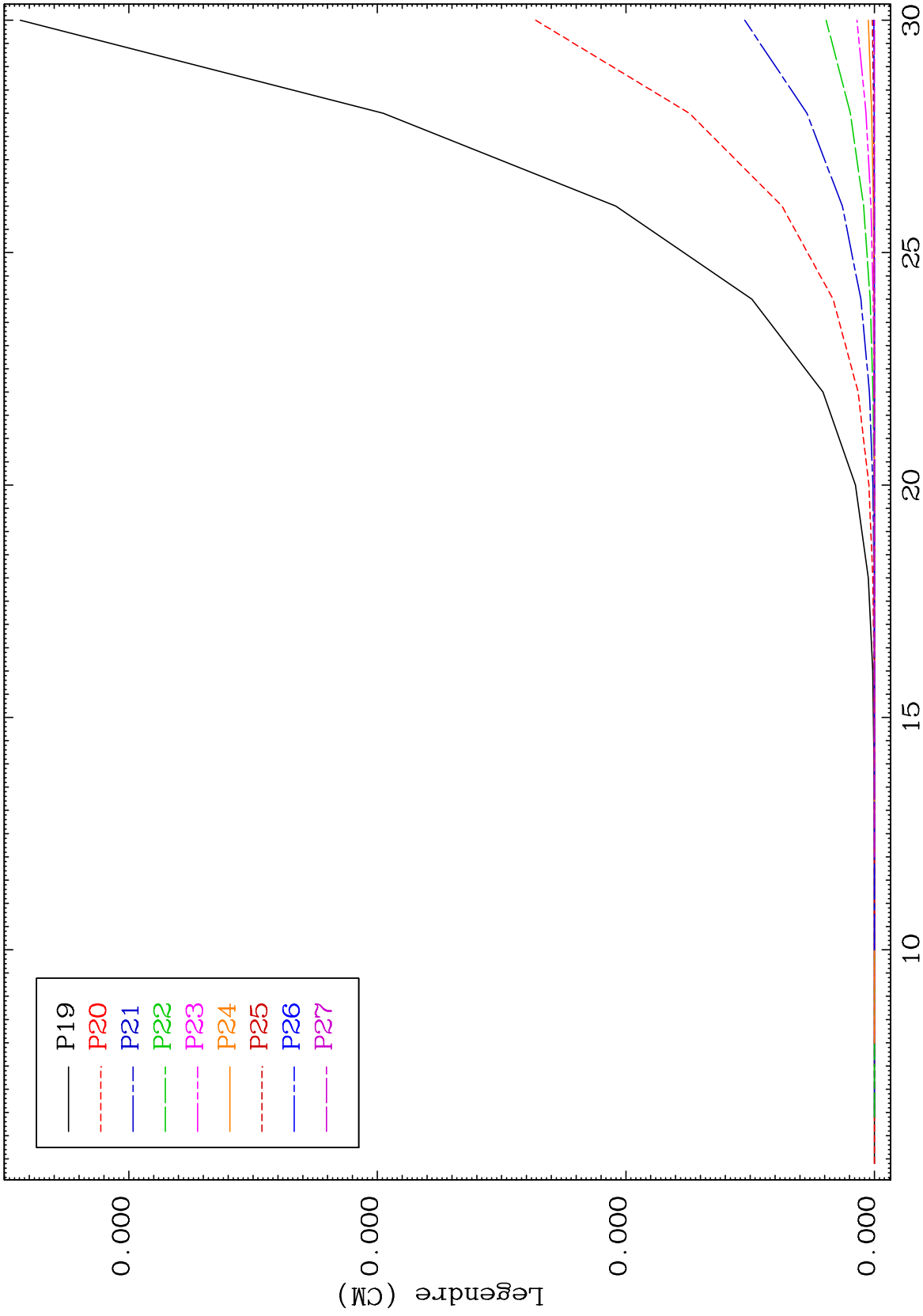
Incident Energy (MeV)

47-Ag-100

MAT 4704

Elastic Legendre Coefficients

47-Ag-100



17

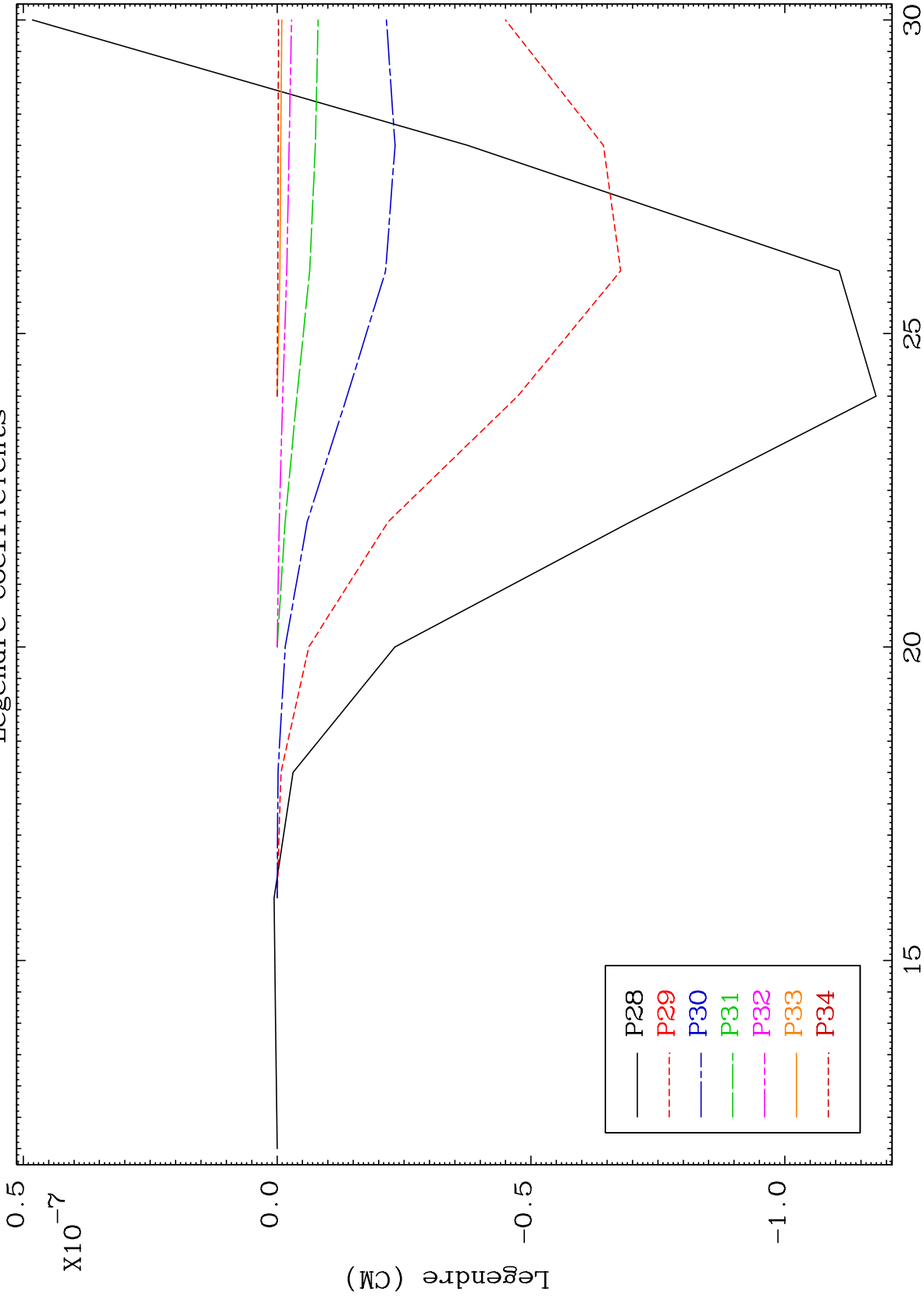
Incident Energy (MeV)

47-Ag-100

MAT 4704

Elastic Legendre Coefficients

47-Ag-100



18

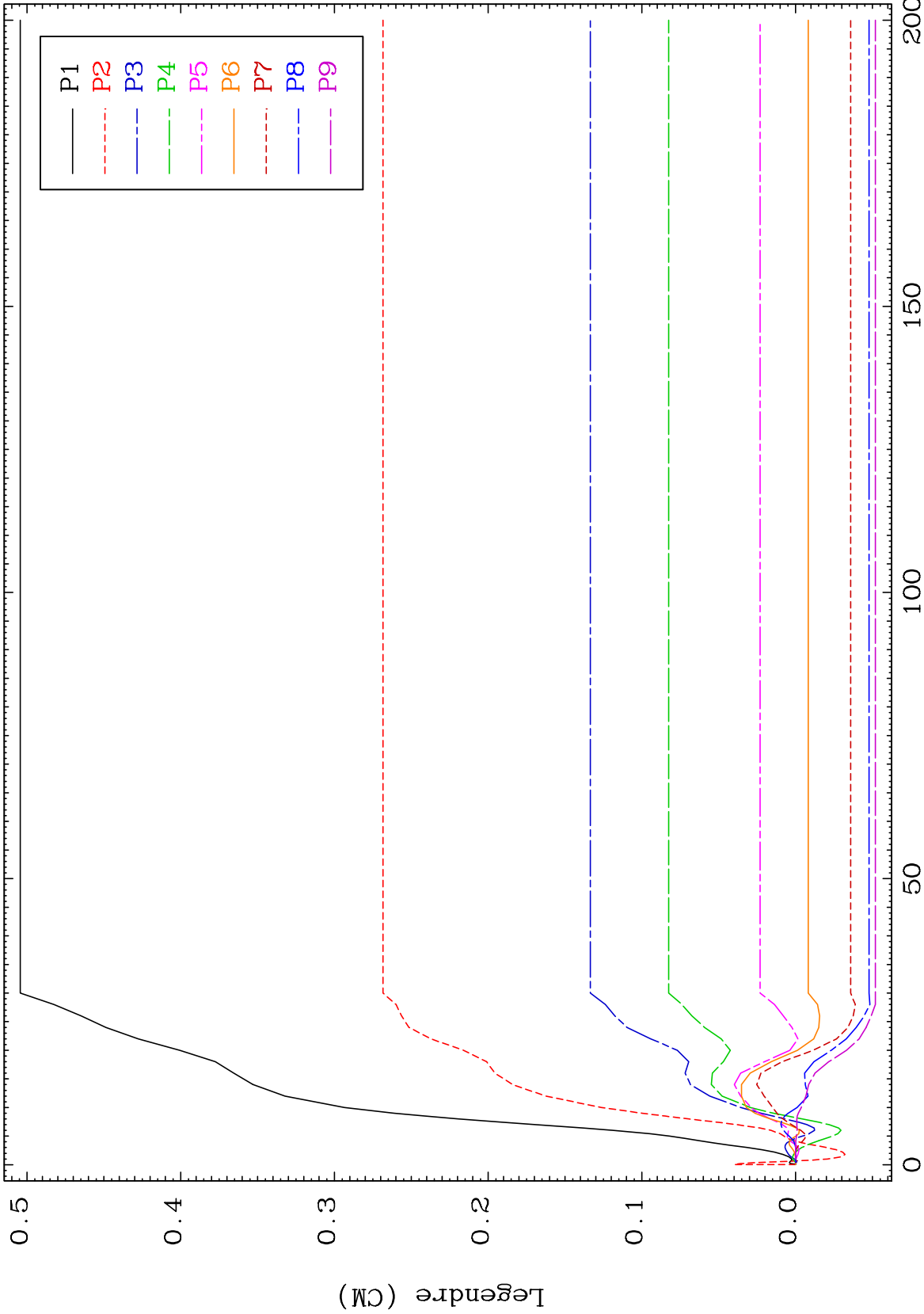
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



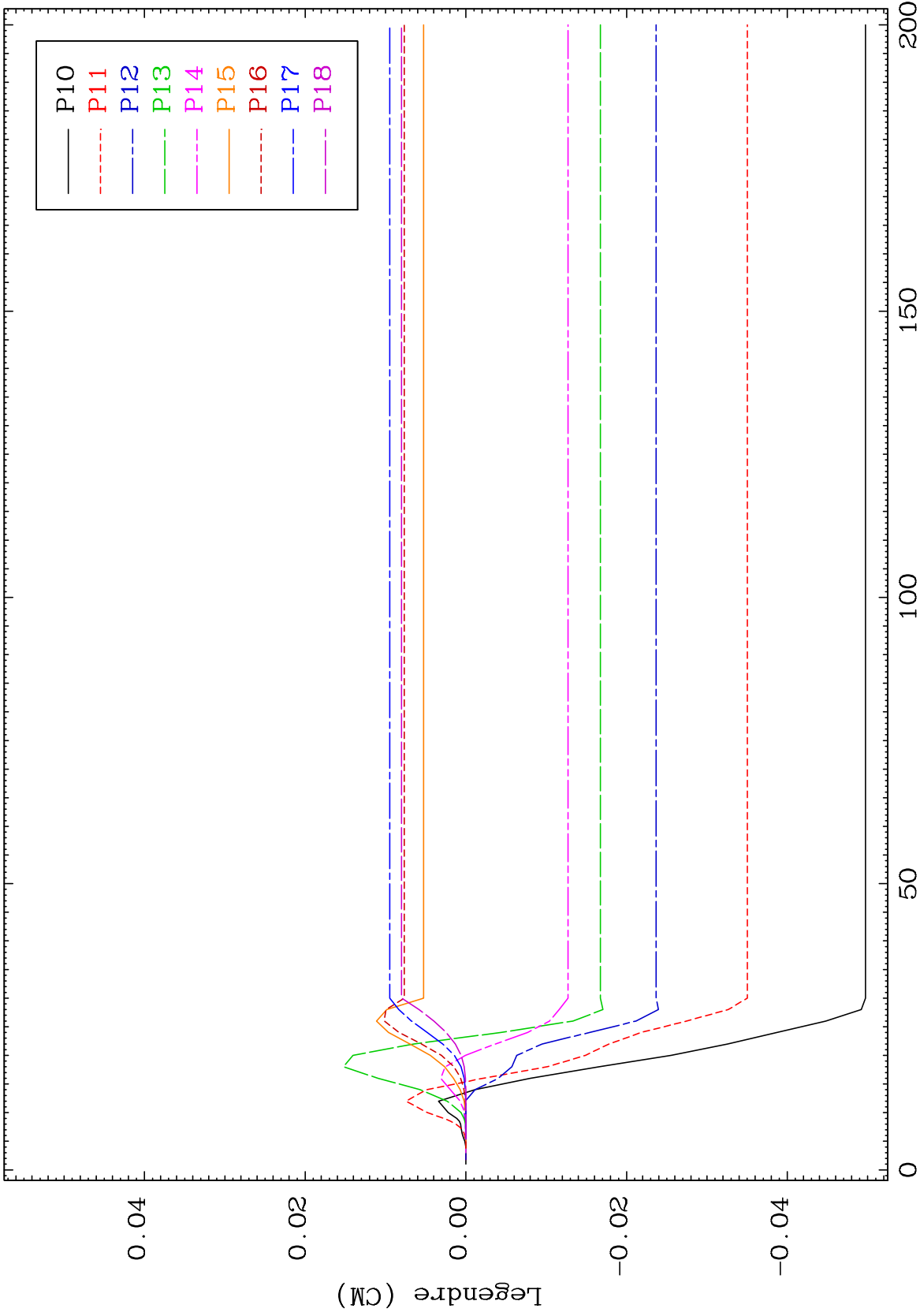
19

47-Ag-100

MAT 4704

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

47-Ag-100



0

20

50

100

150

200

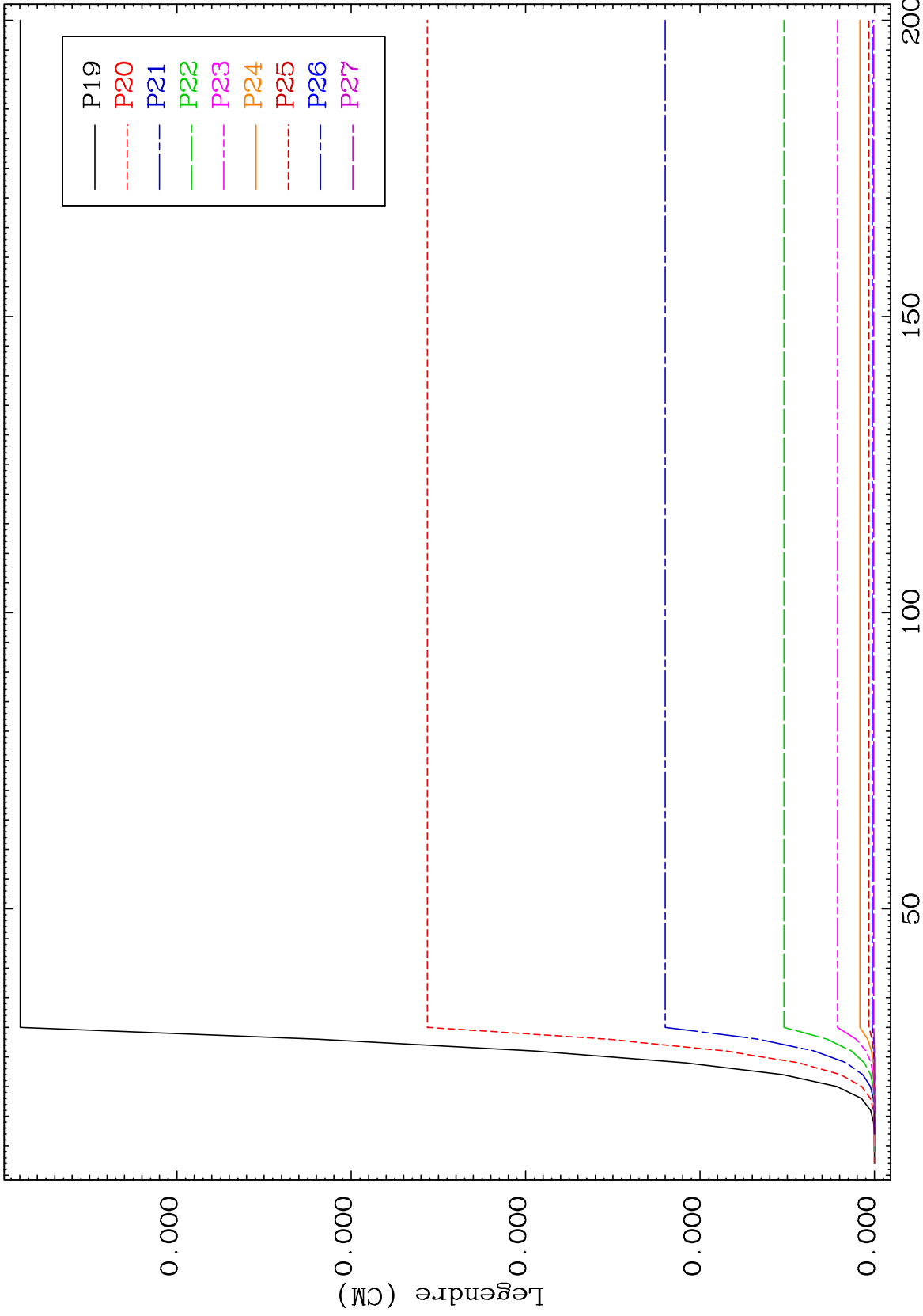
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



21

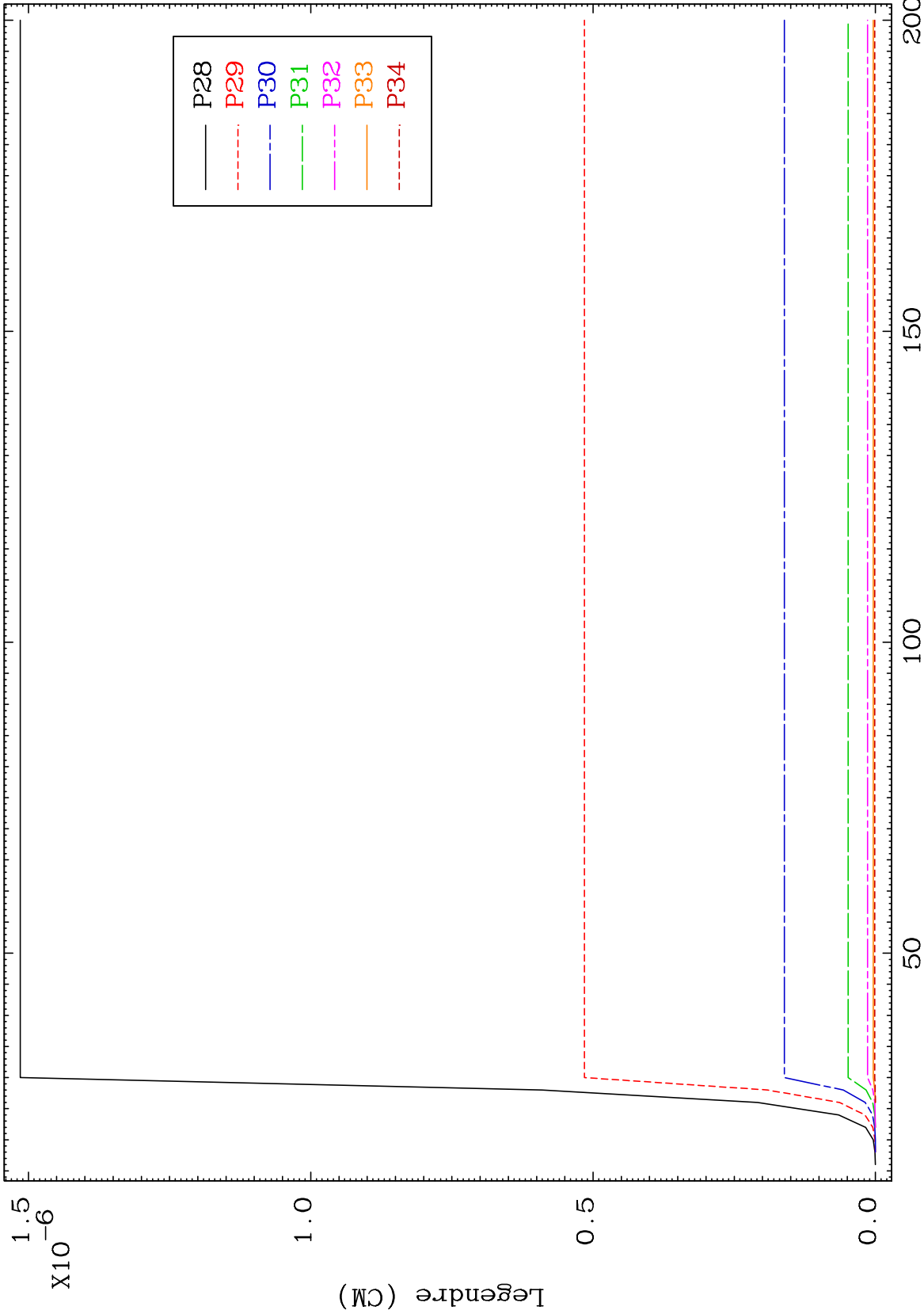
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



22

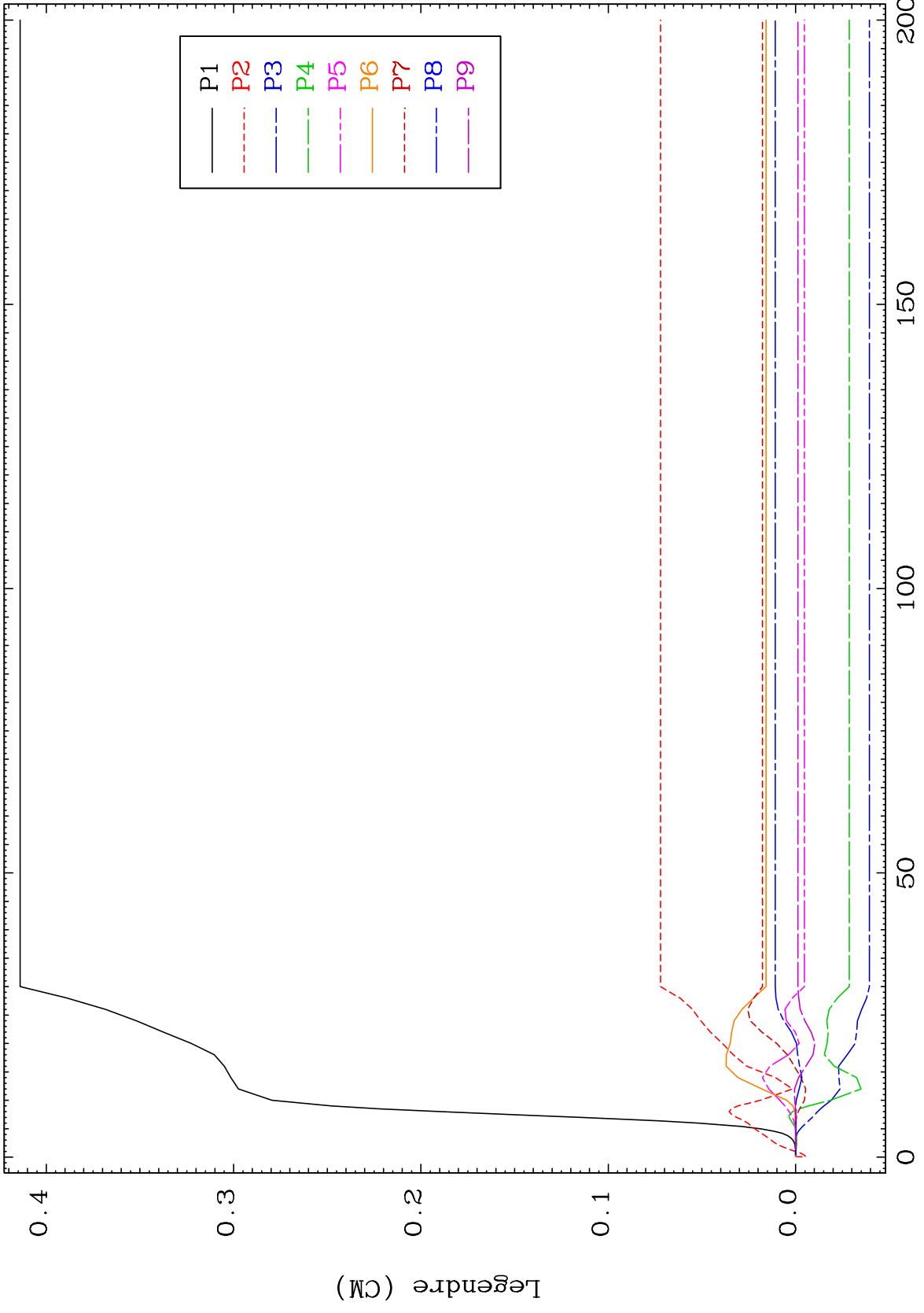
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



23

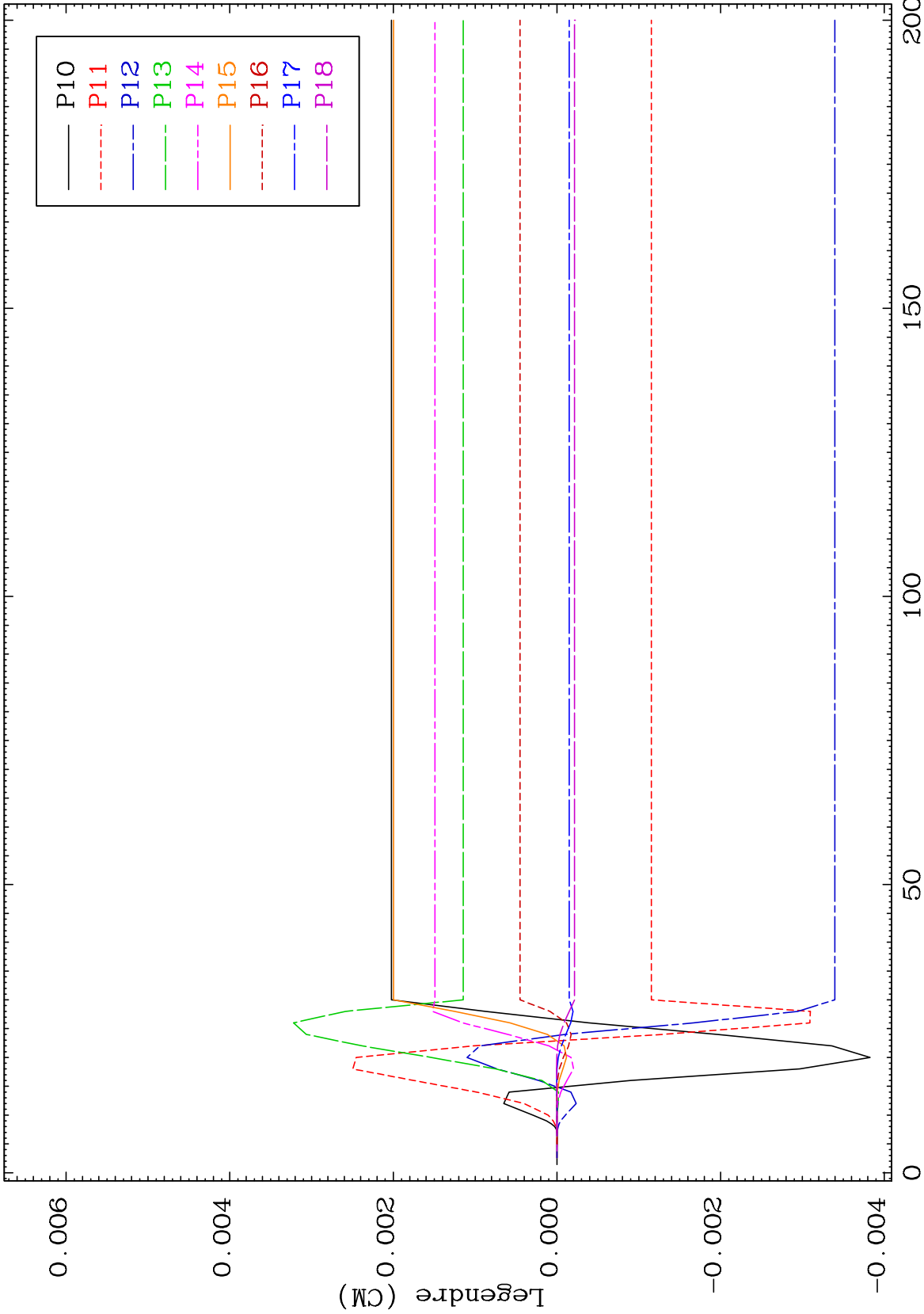
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



24

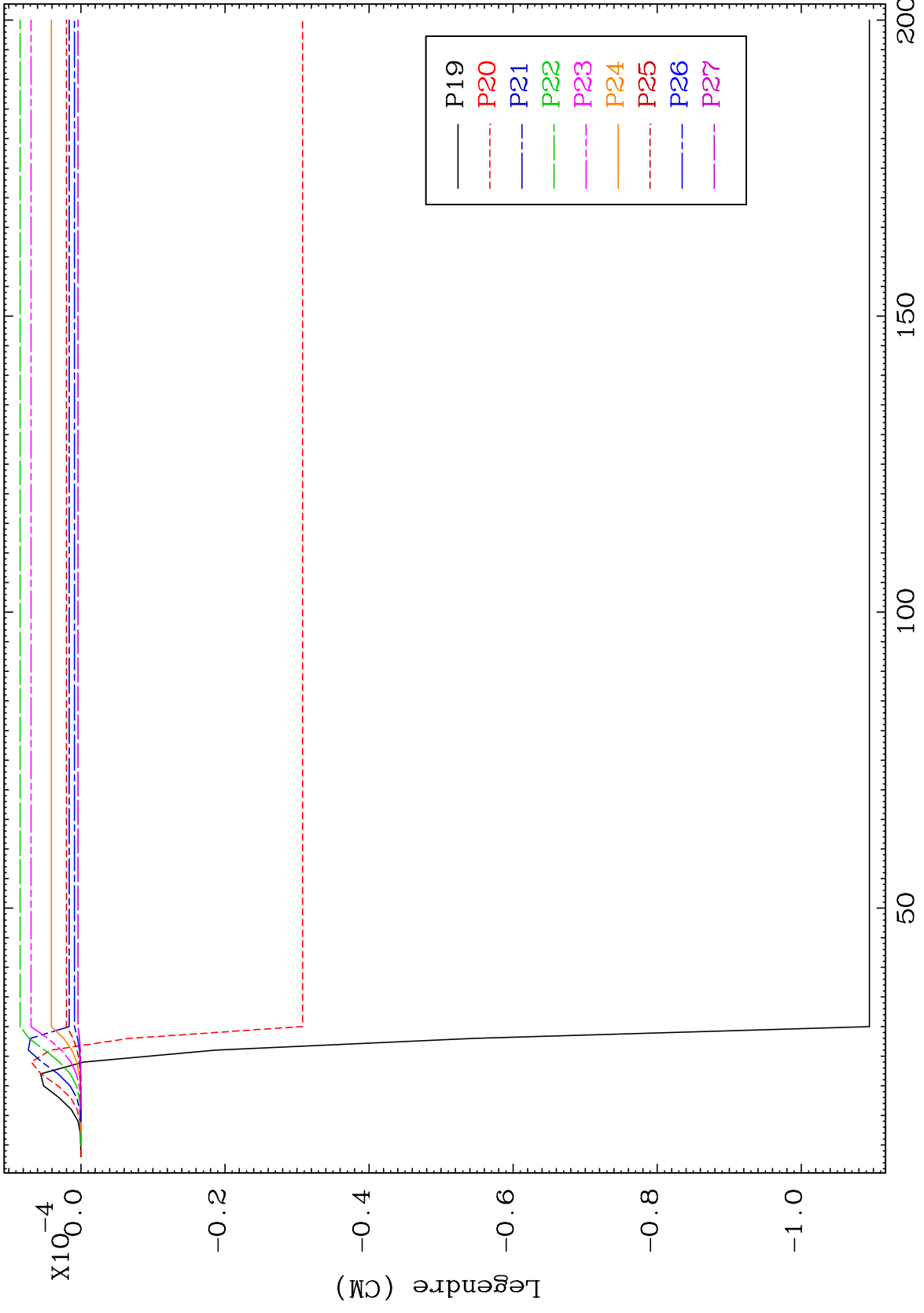
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

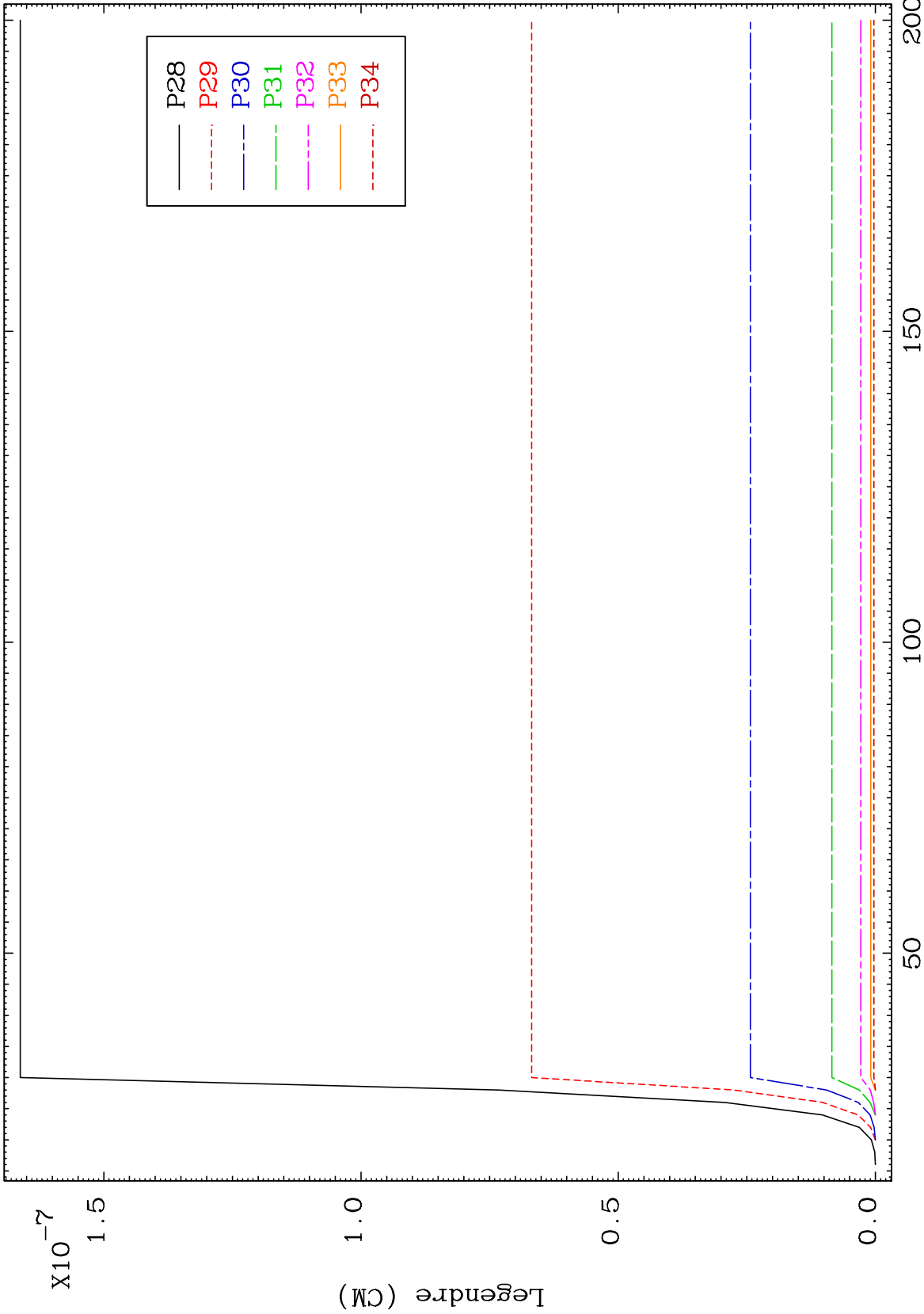
Incident Energy (MeV)

25

MAT 4704

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

47-Ag-100



26

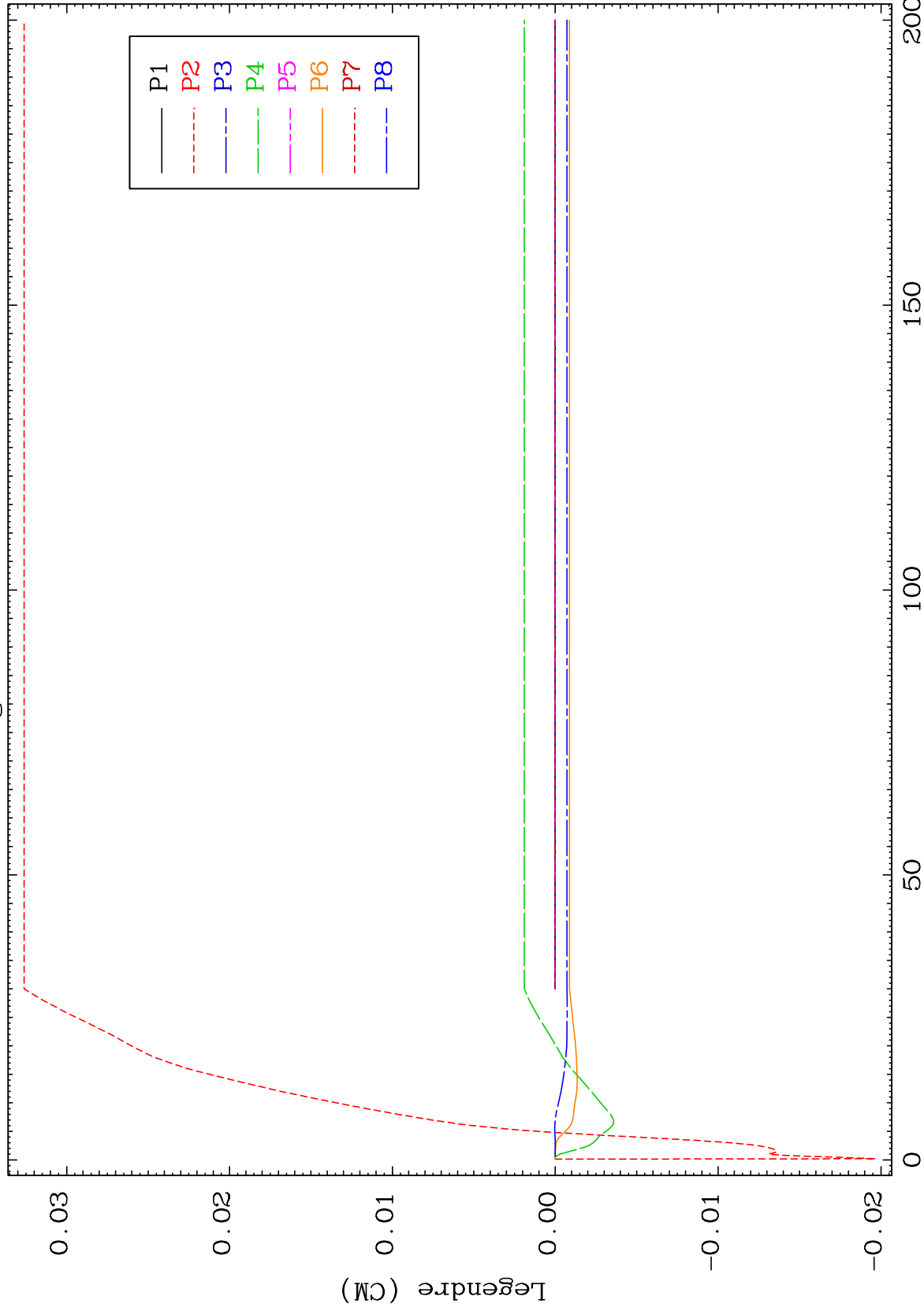
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



27

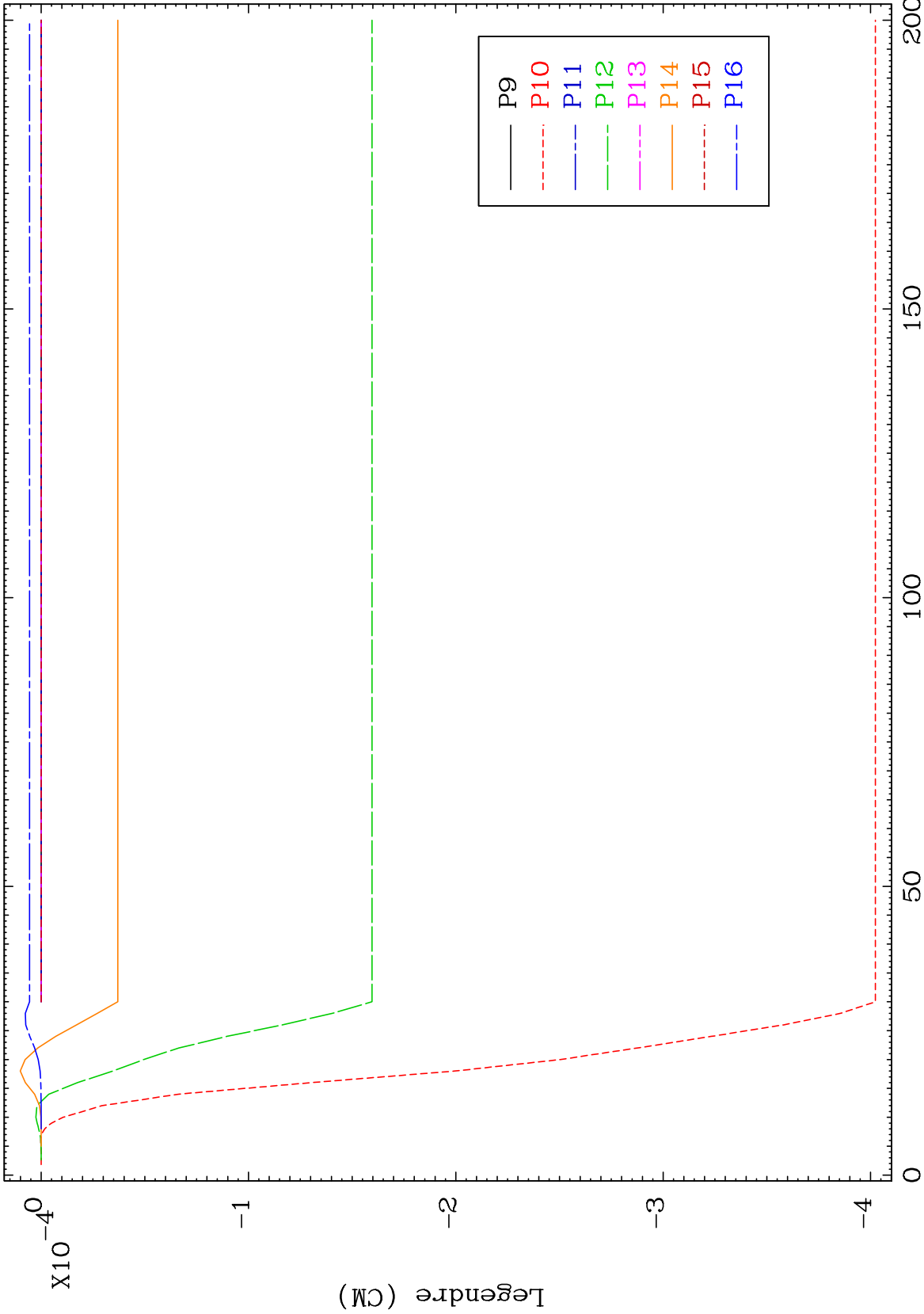
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



28

Incident Energy (MeV)

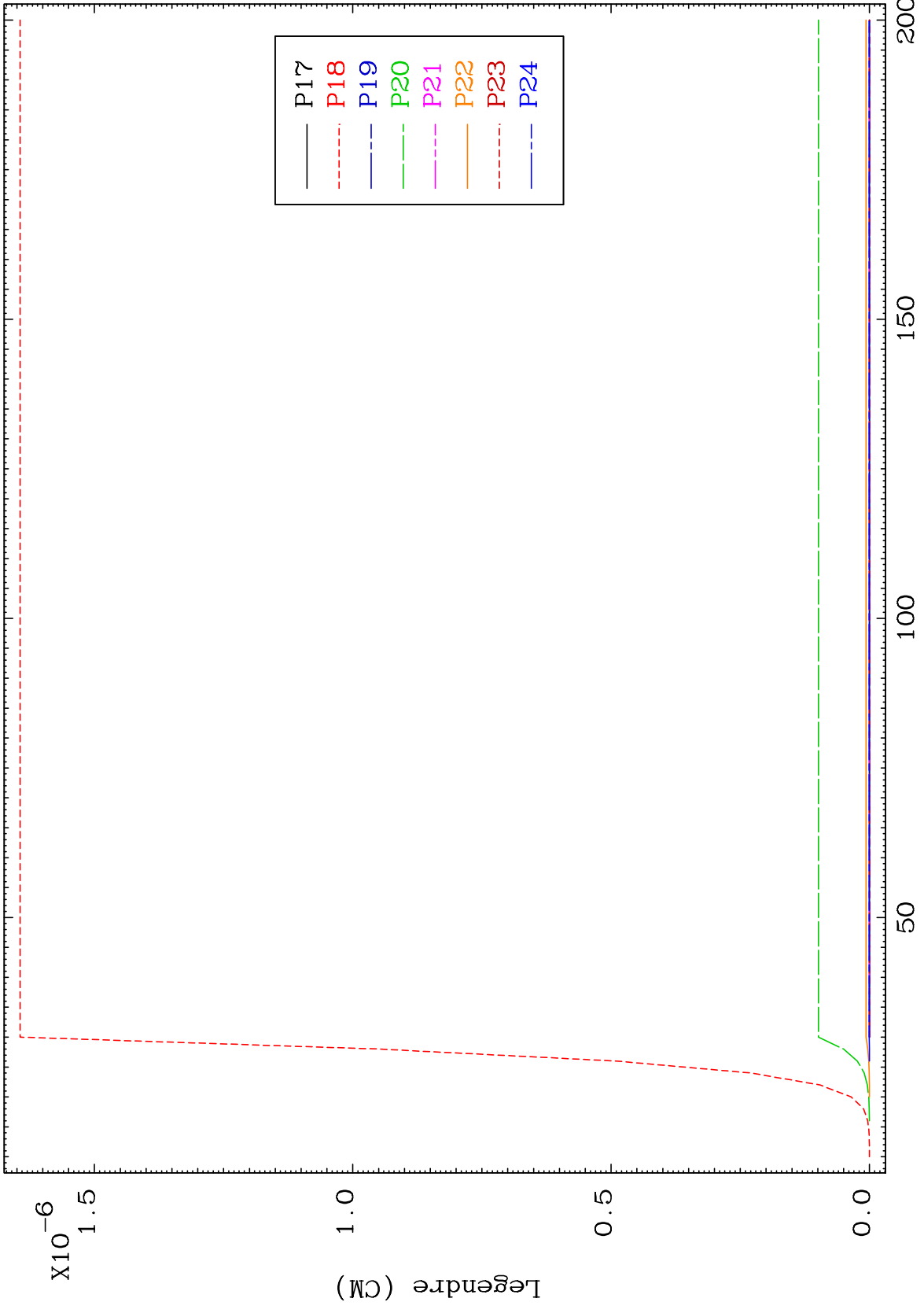
47-Ag-100

MAT 4704

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

47-Ag-100

47-Ag-100



29

50

100

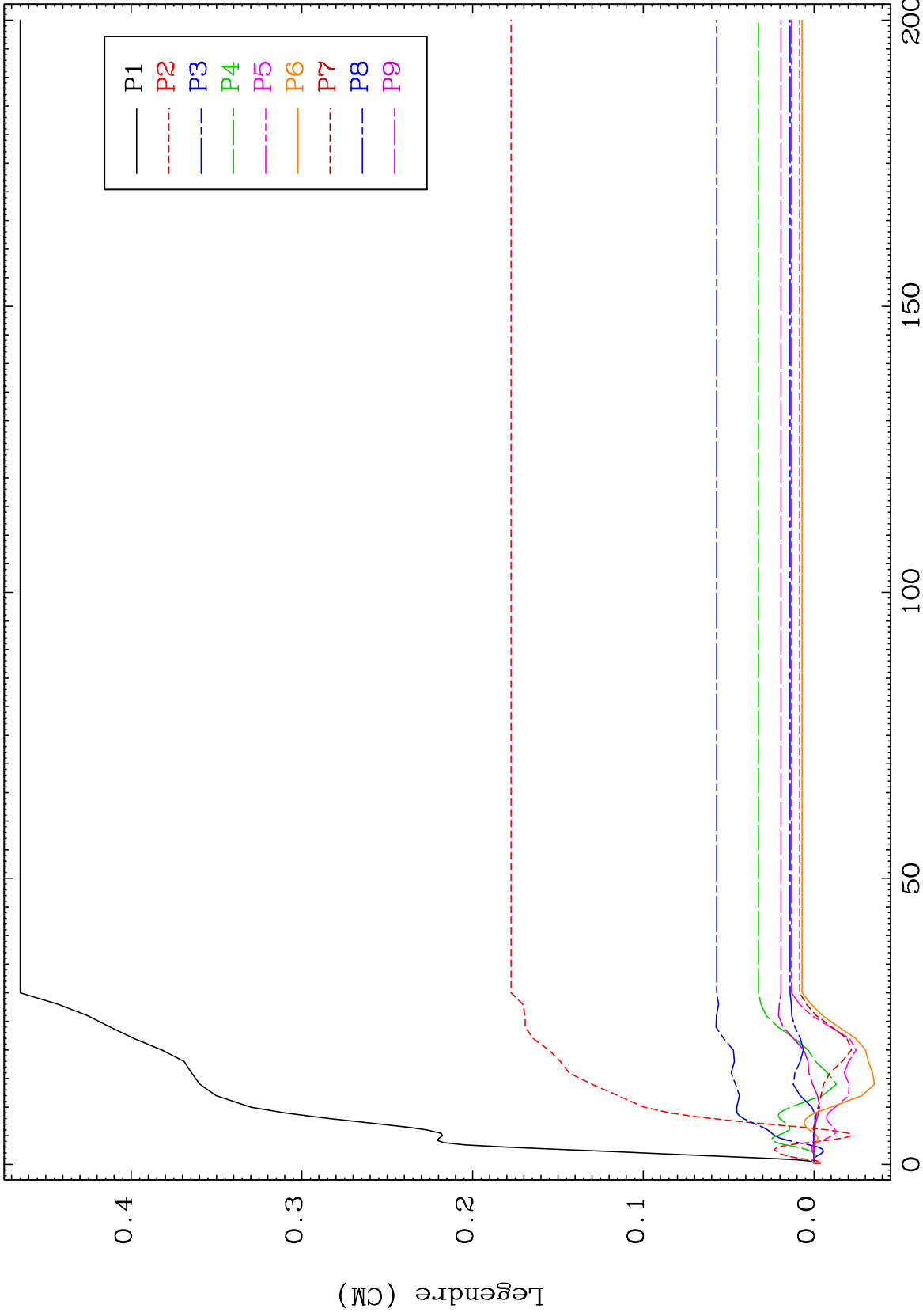
150

200

MAT 4704

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

47-Ag-100



47-Ag-100

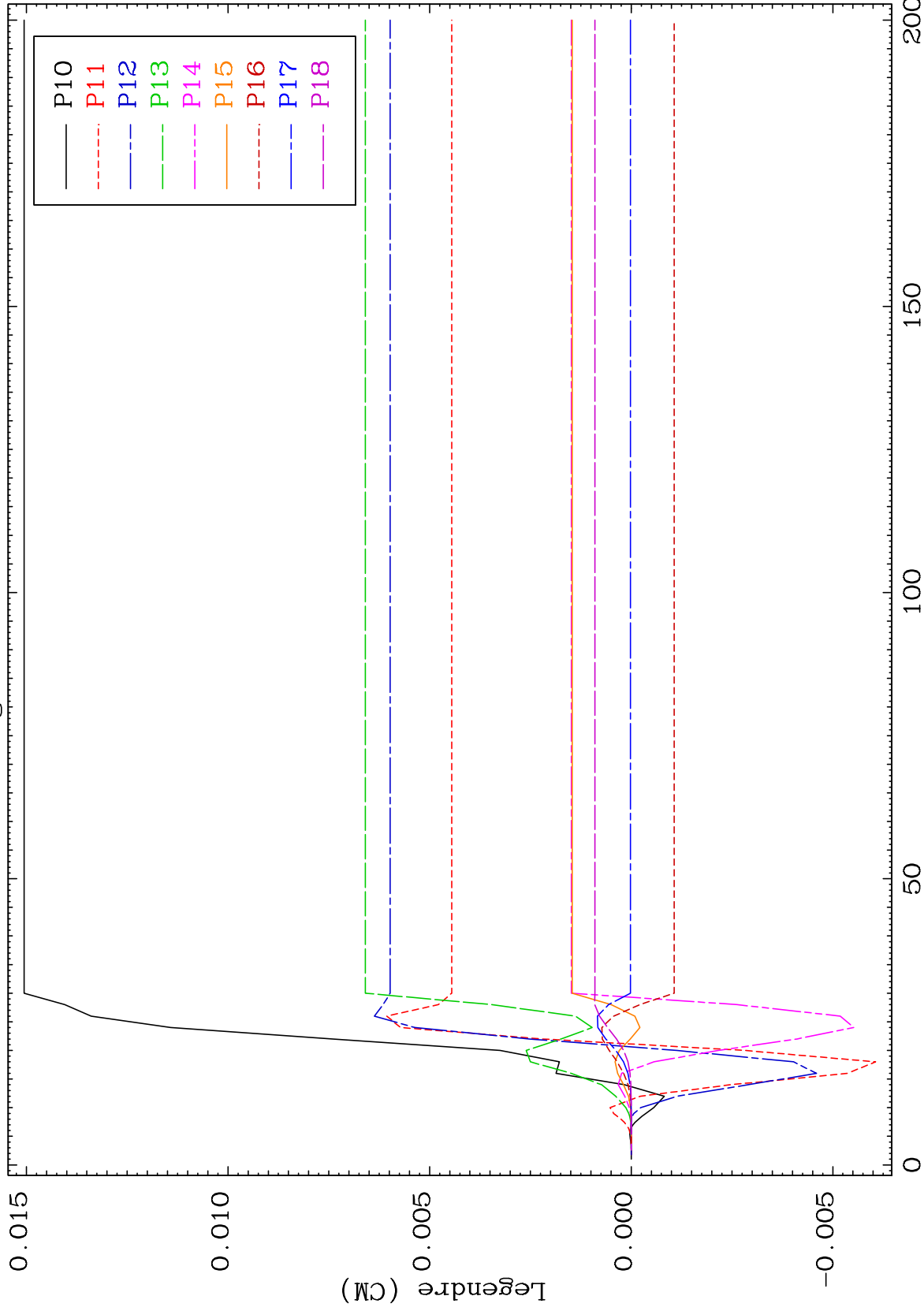
Incident Energy (MeV)

30

MAT 4704

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

47-Ag-100



31

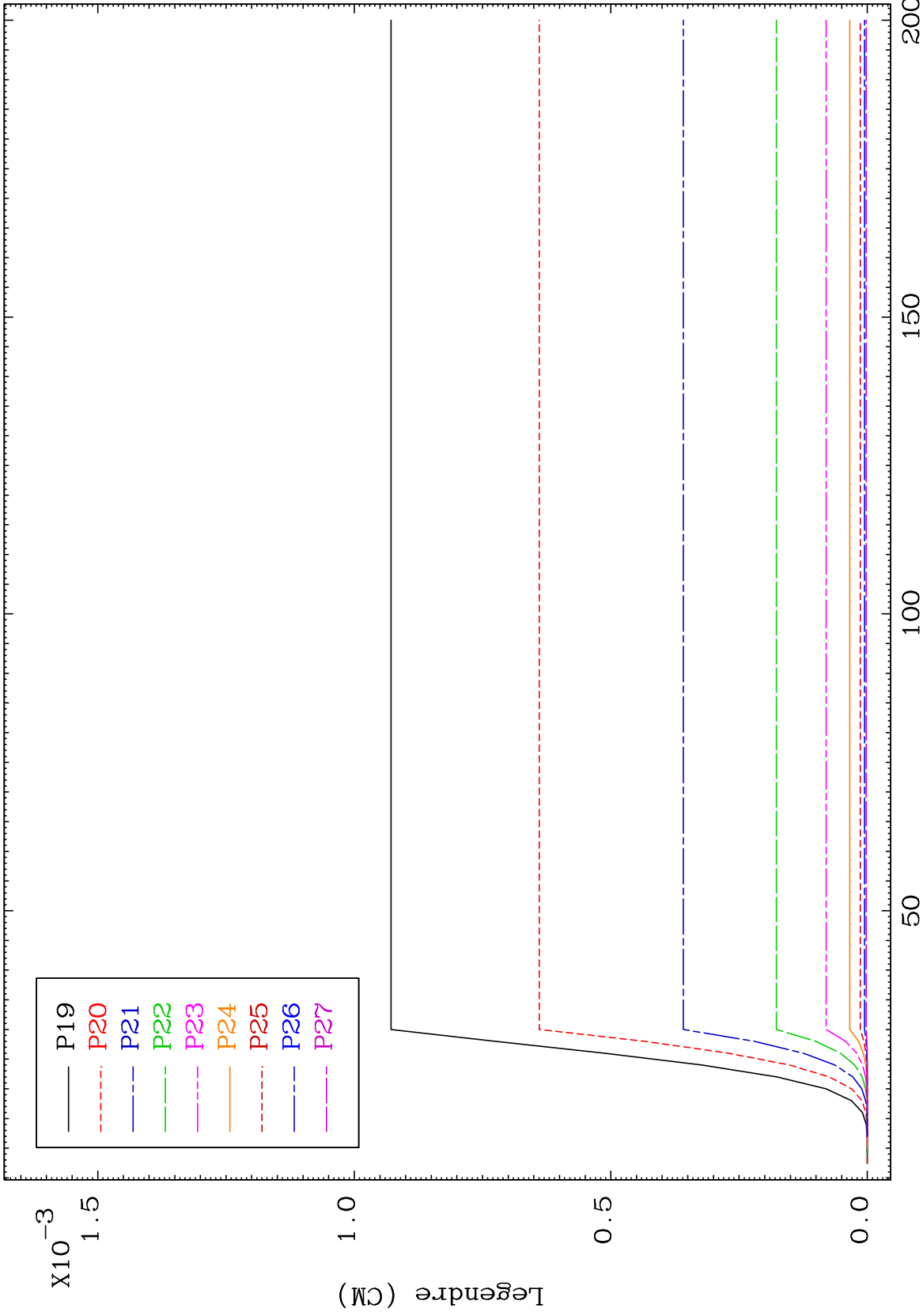
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



32

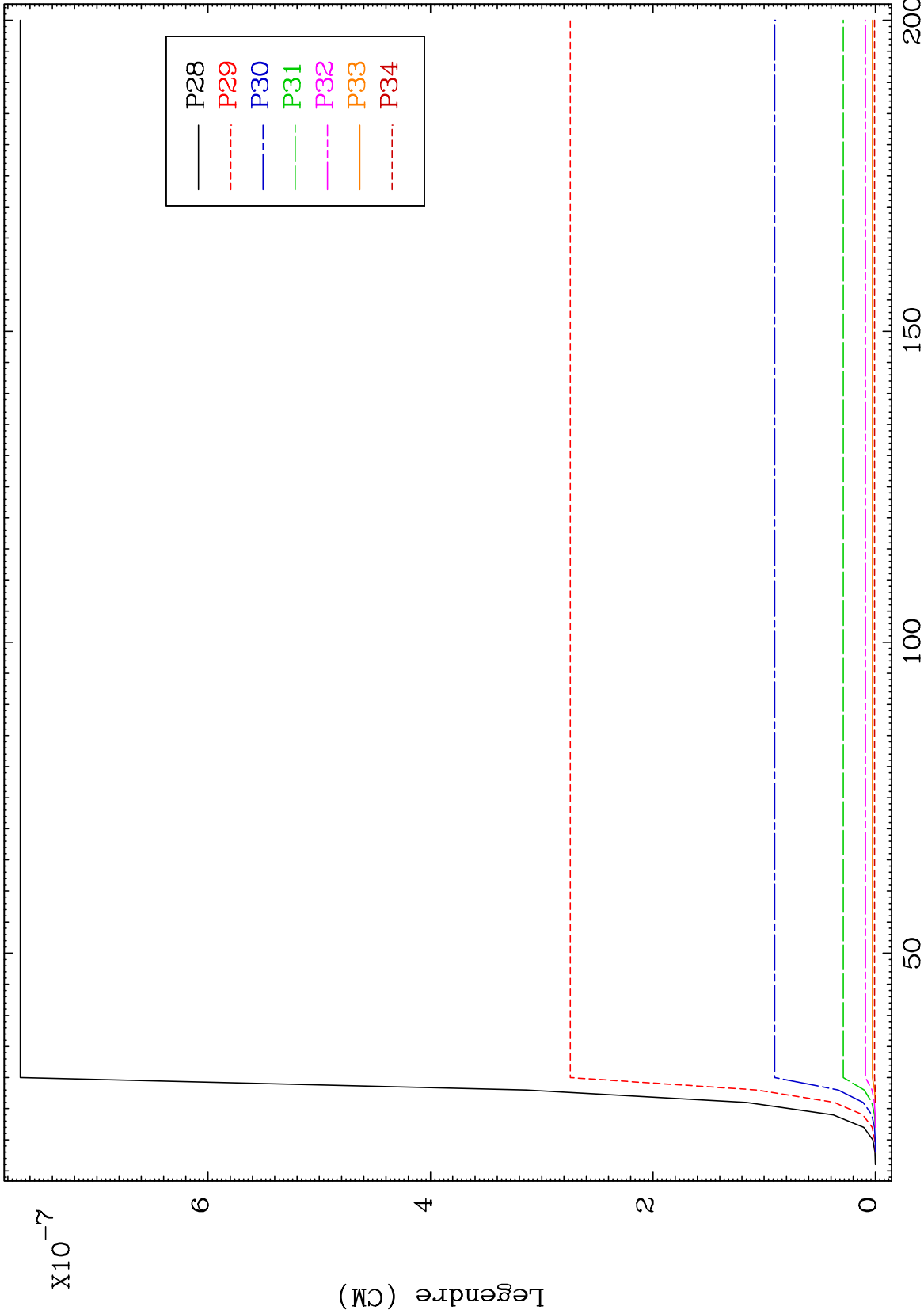
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



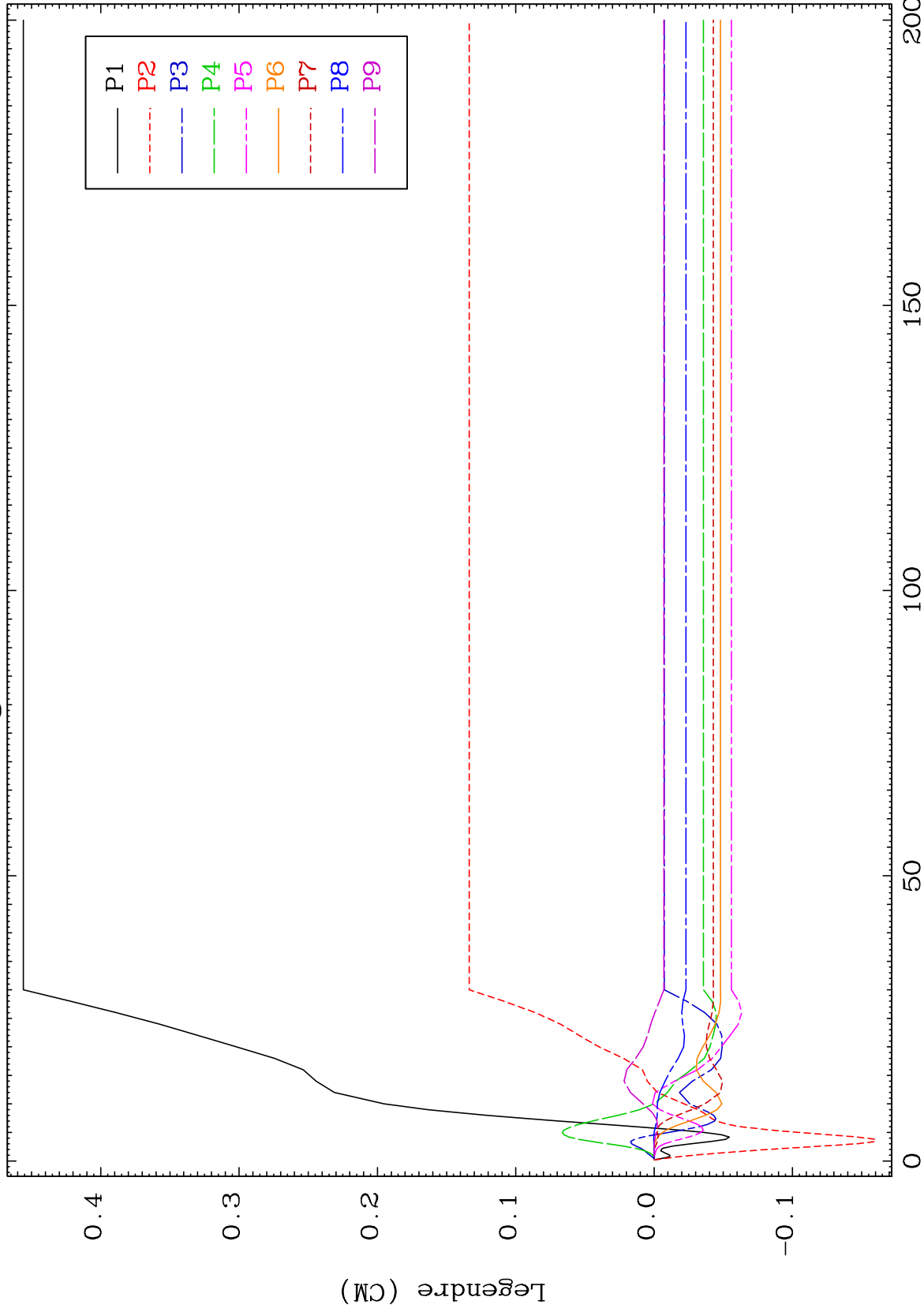
33

47-Ag-100

MAT 4704

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

47-Ag-100



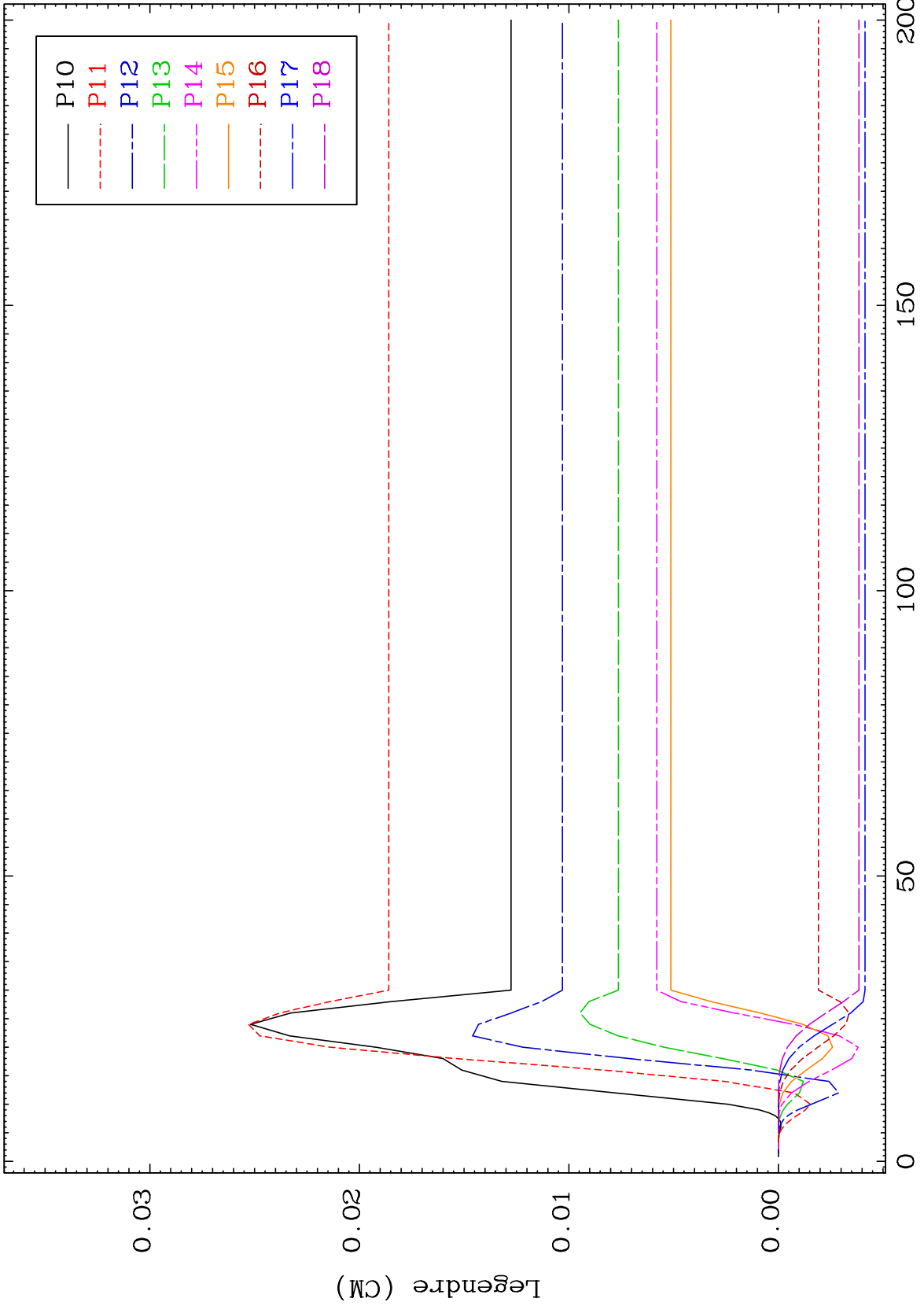
34

47-Ag-100

MAT 4704

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

47-Ag-100



35

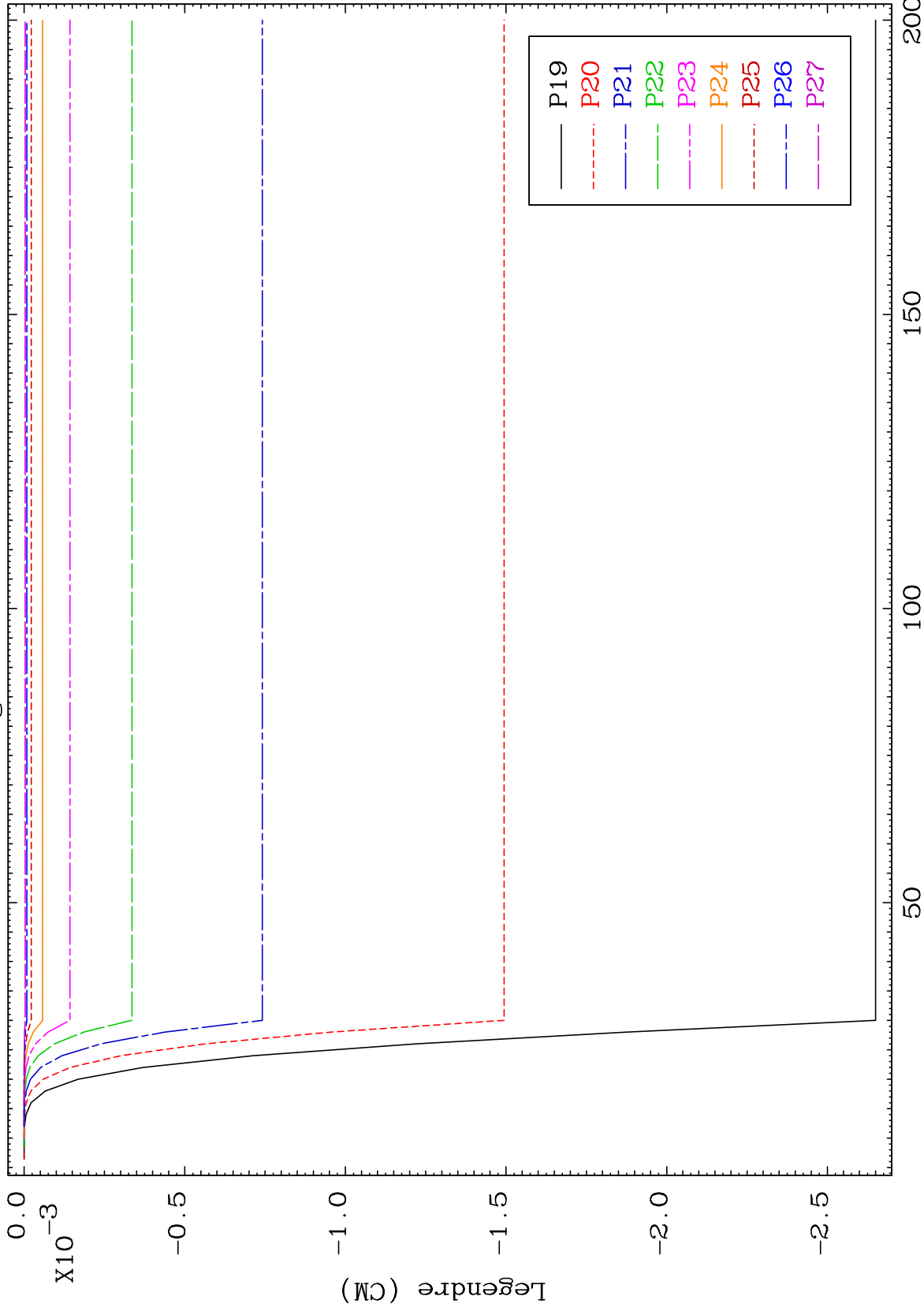
47-Ag-100

47-Ag-100

MAT 4704

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

47-Ag-100



36

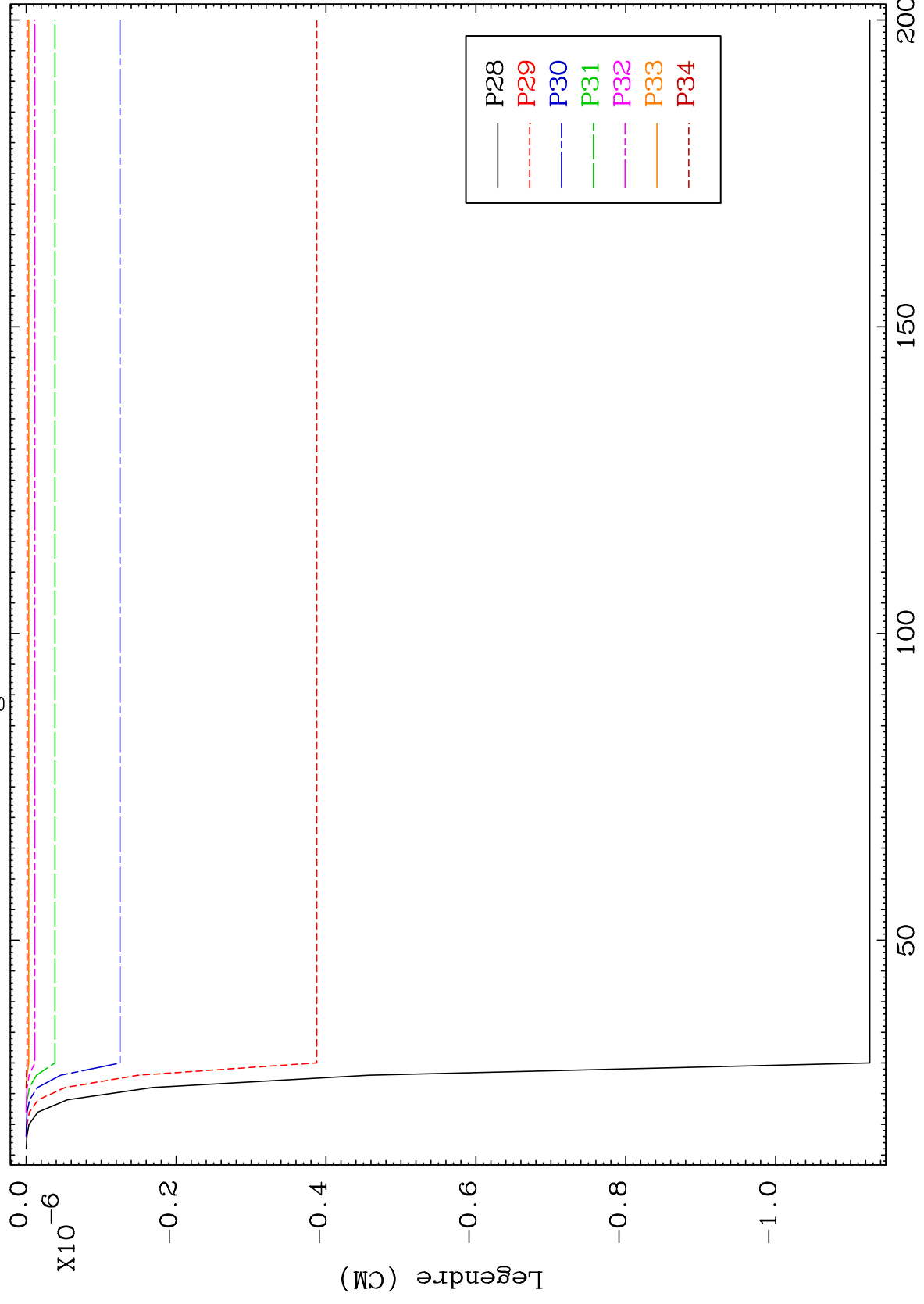
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

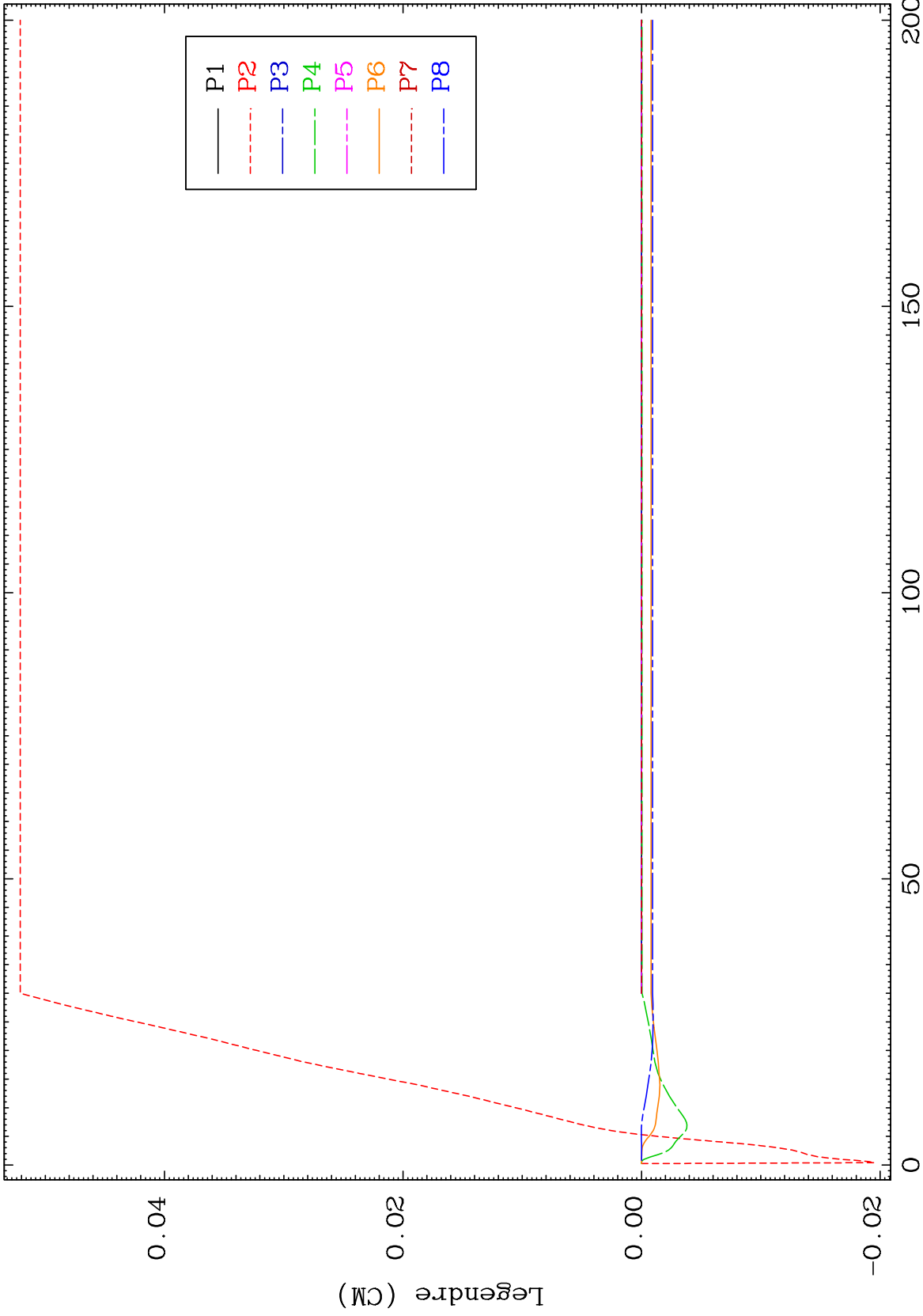
Incident Energy (MeV)

37

MAT 4704

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

47-Ag-100



38

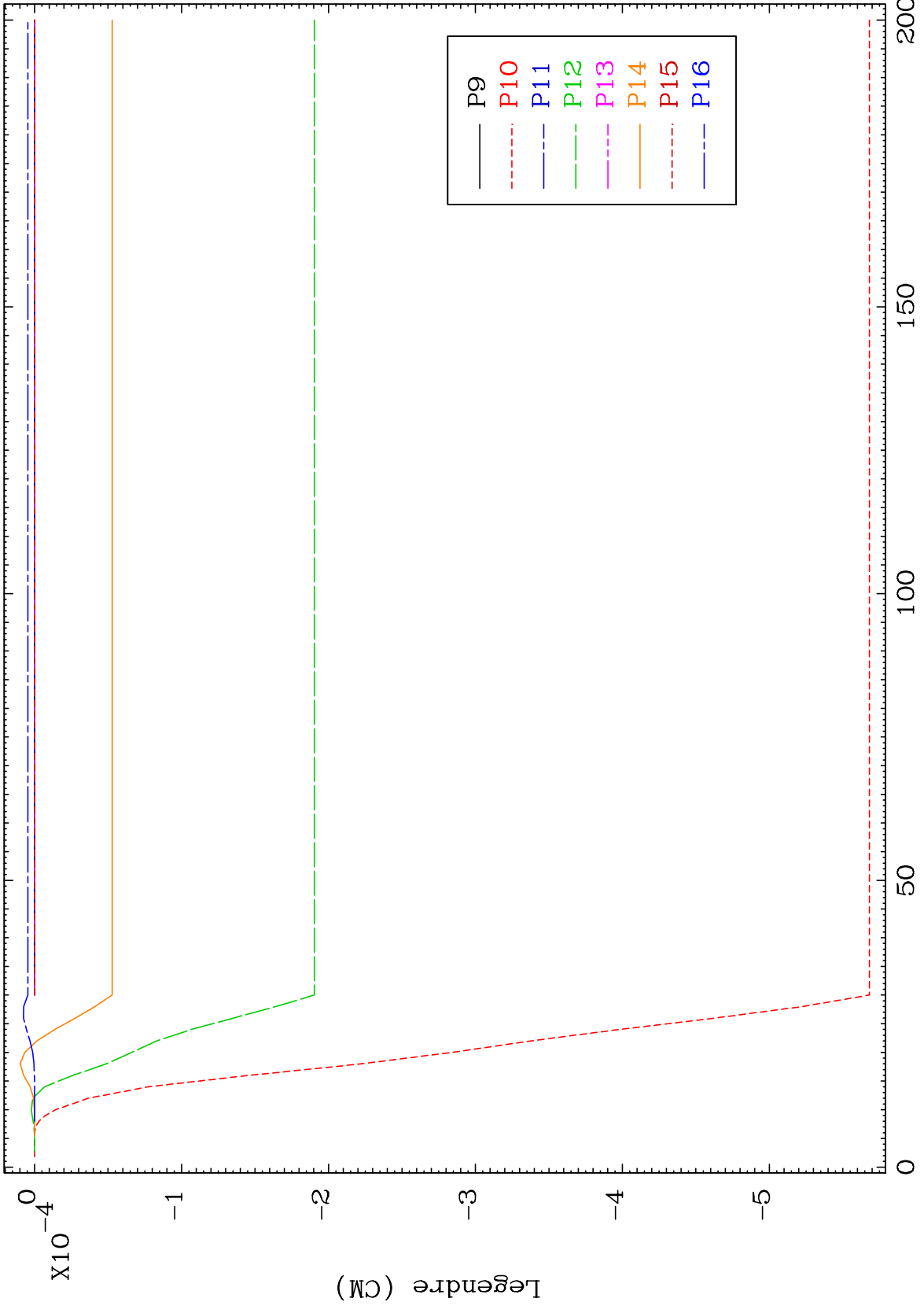
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100

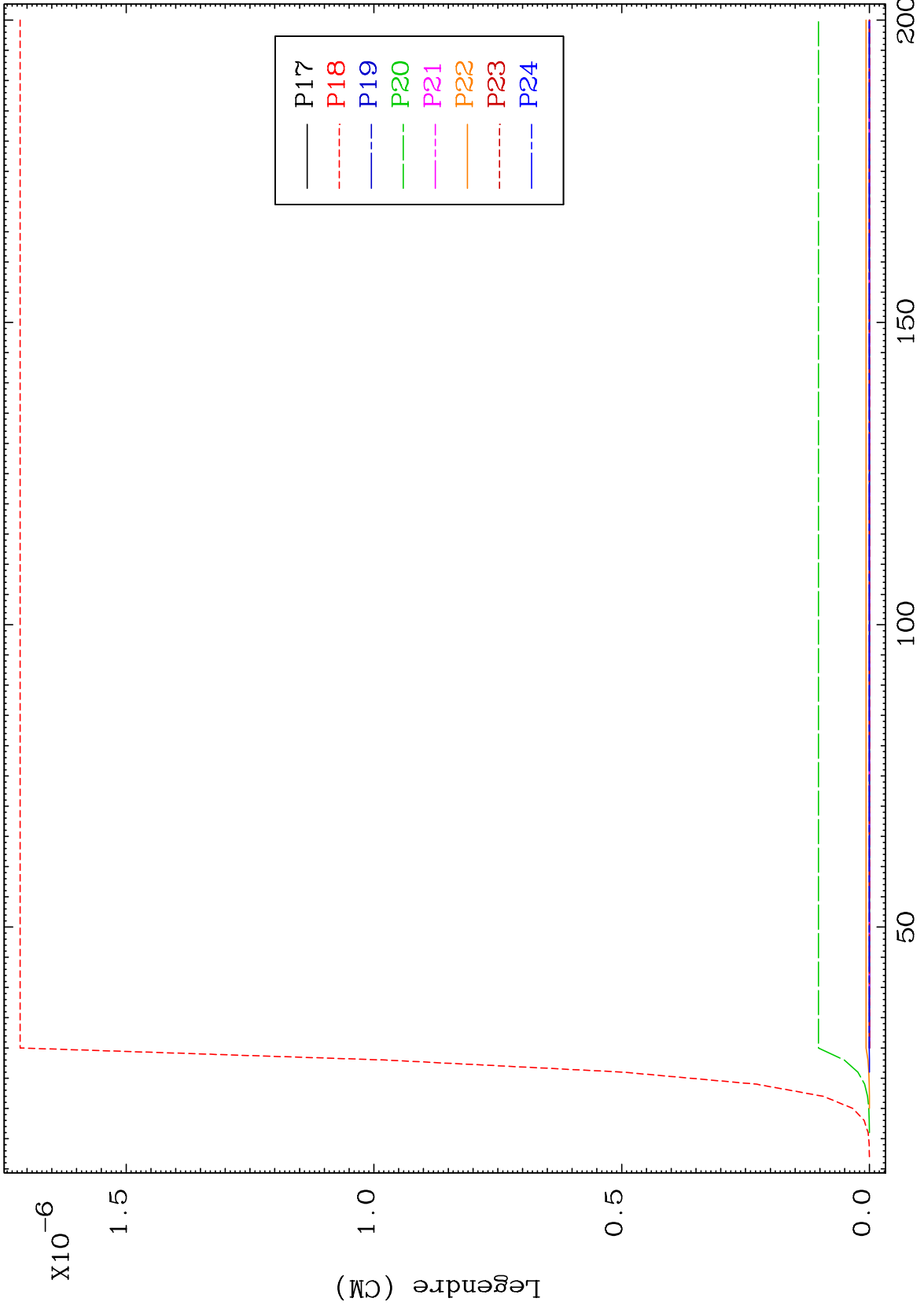


39

Incident Energy (MeV)

47-Ag-100

MAT 4704 MT= 56 (n,n') Level Legendre Coefficients 47-Ag-100

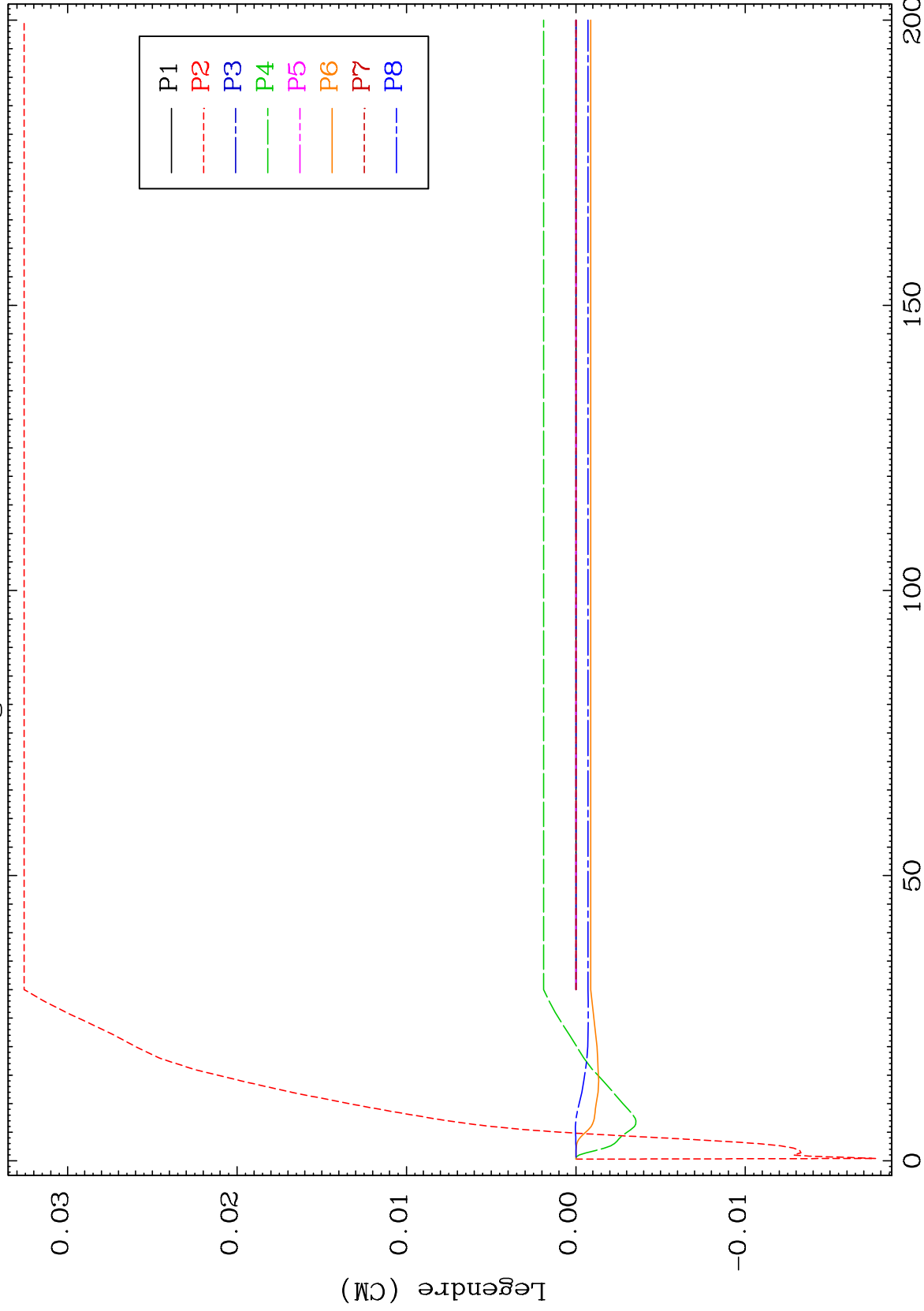


47-Ag-100

MAT 4704

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

47-Ag-100



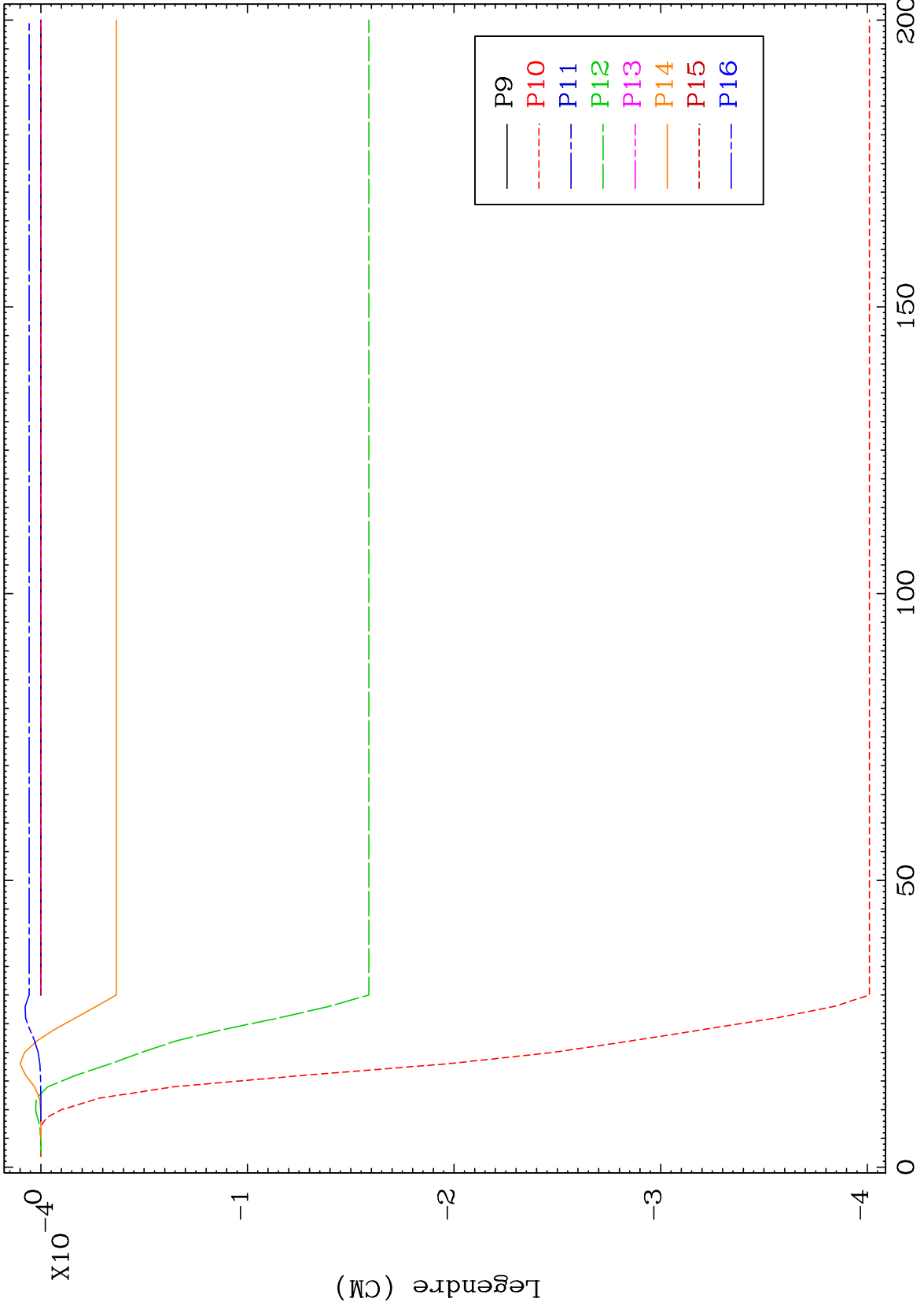
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47-Ag-100

MAT 4704

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

47-Ag-100

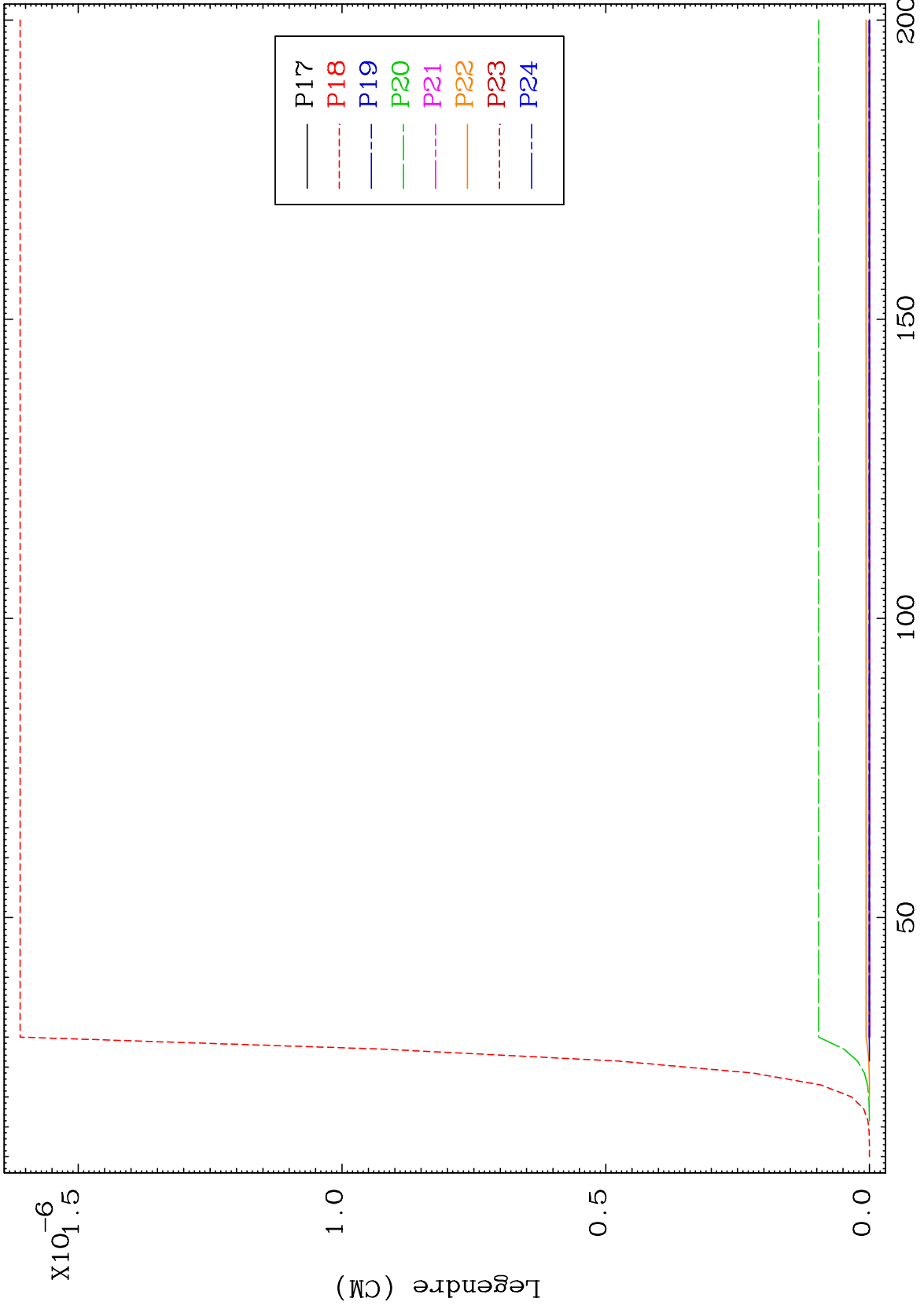


47-Ag-100

Incident Energy (MeV)

42

MAT 4704 MT= 57 (n,n') Level Legendre Coefficients 47-Ag-100

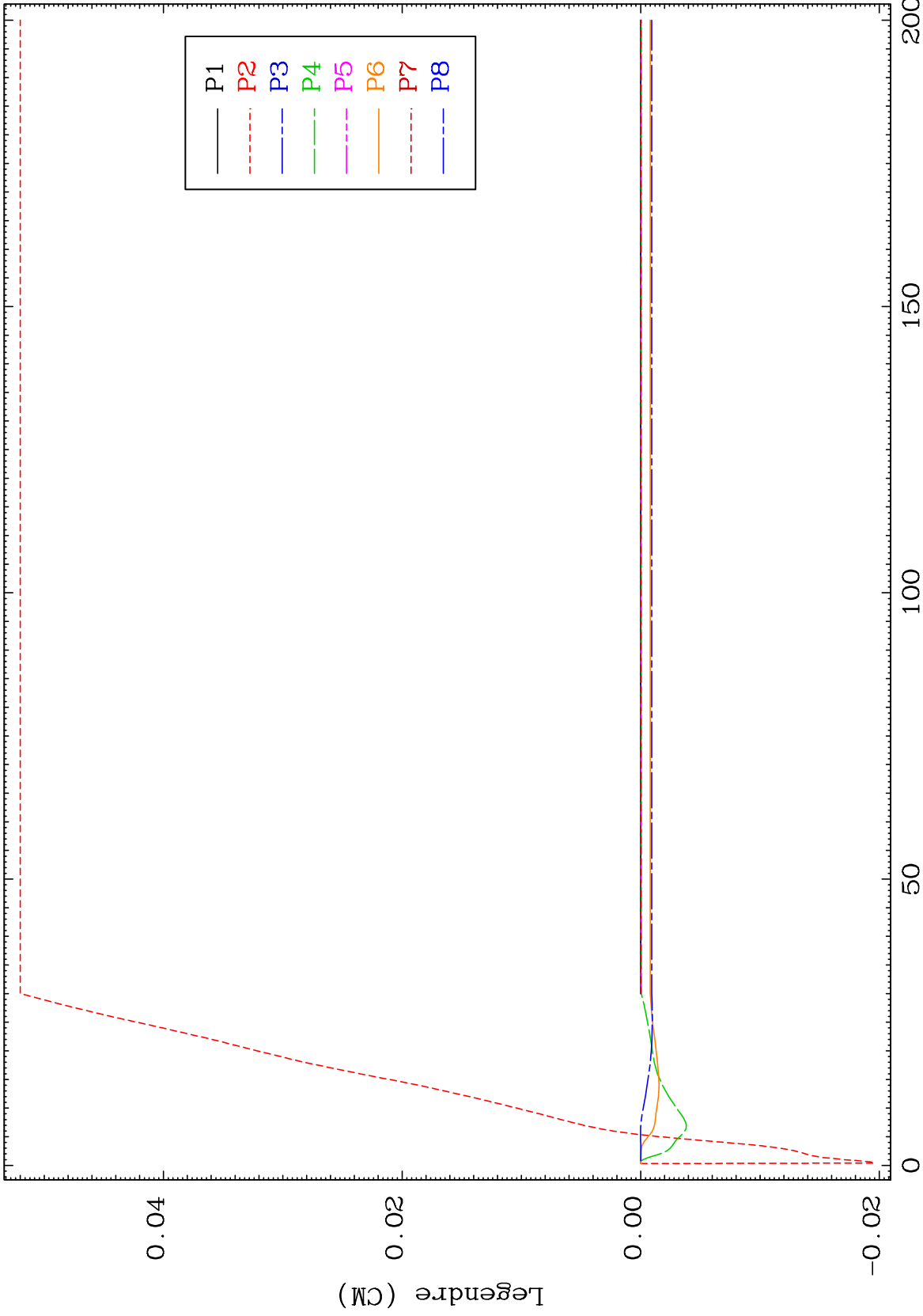


43 47-Ag-100

MAT 4704

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

47-Ag-100



44

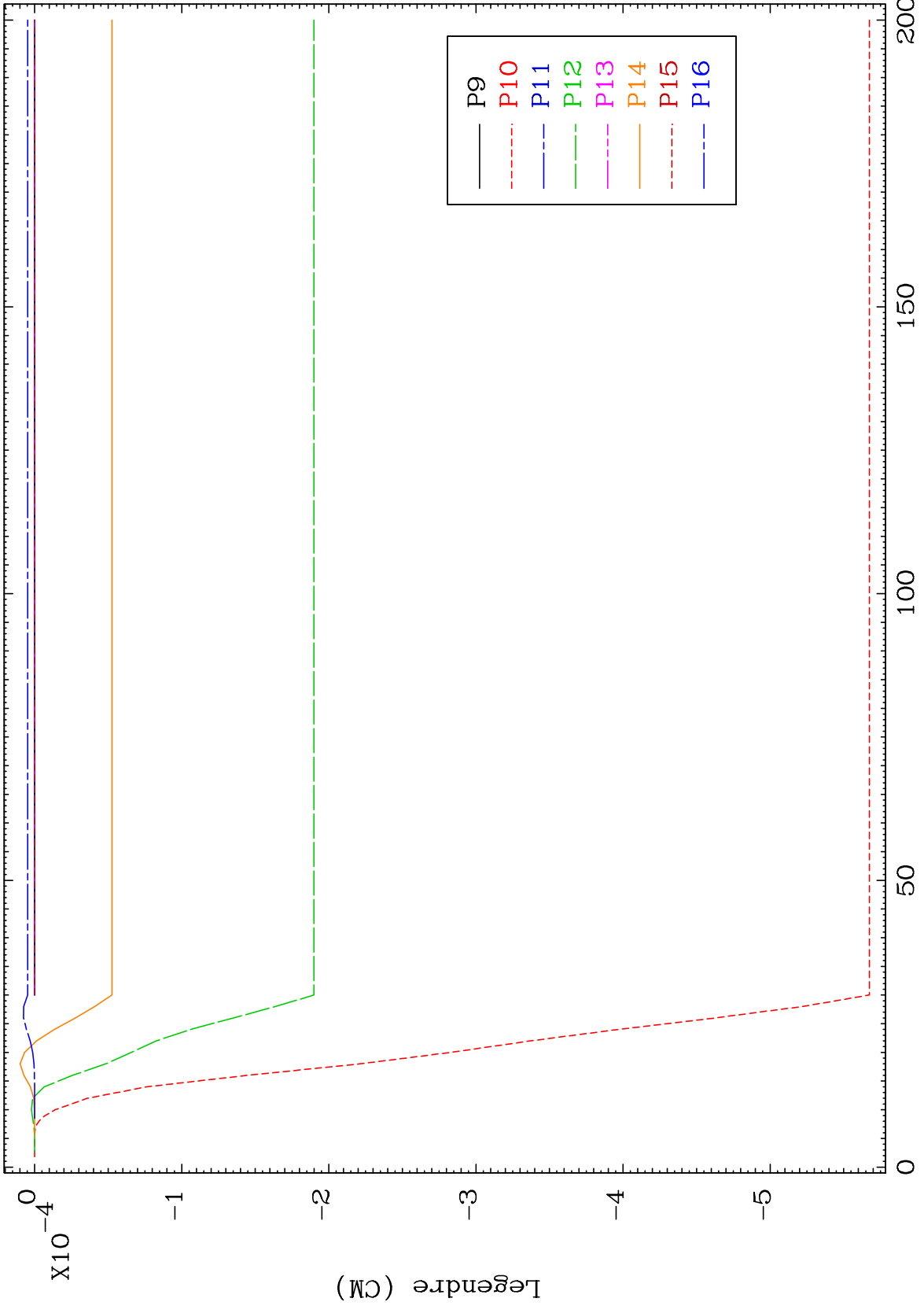
47-Ag-100

47-Ag-100

MAT 4704

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

47-Ag-100

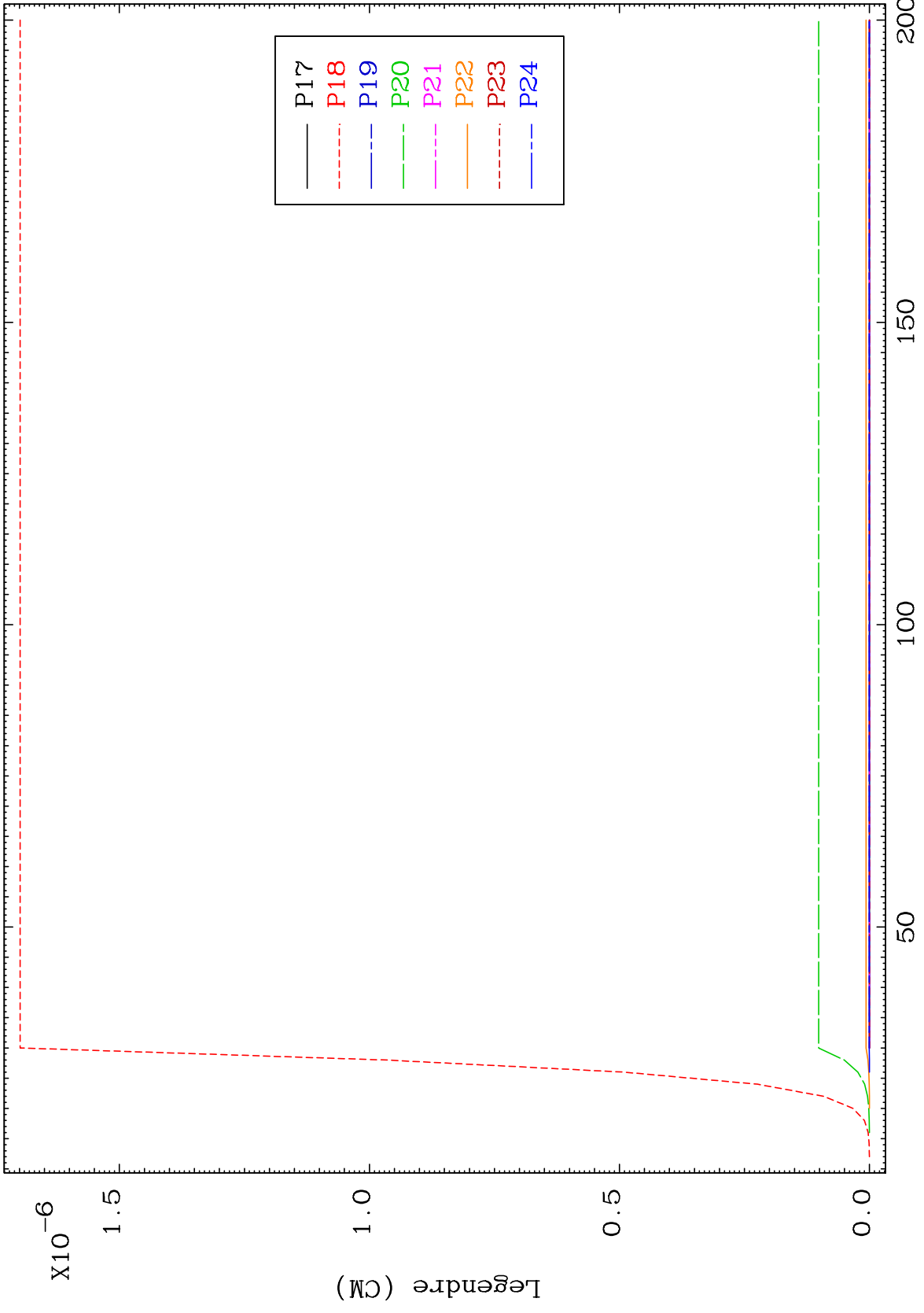


47-Ag-100

Incident Energy (MeV)

45

MAT 4704 MT= 58 (n,n') Level Legendre Coefficients 47-Ag-100

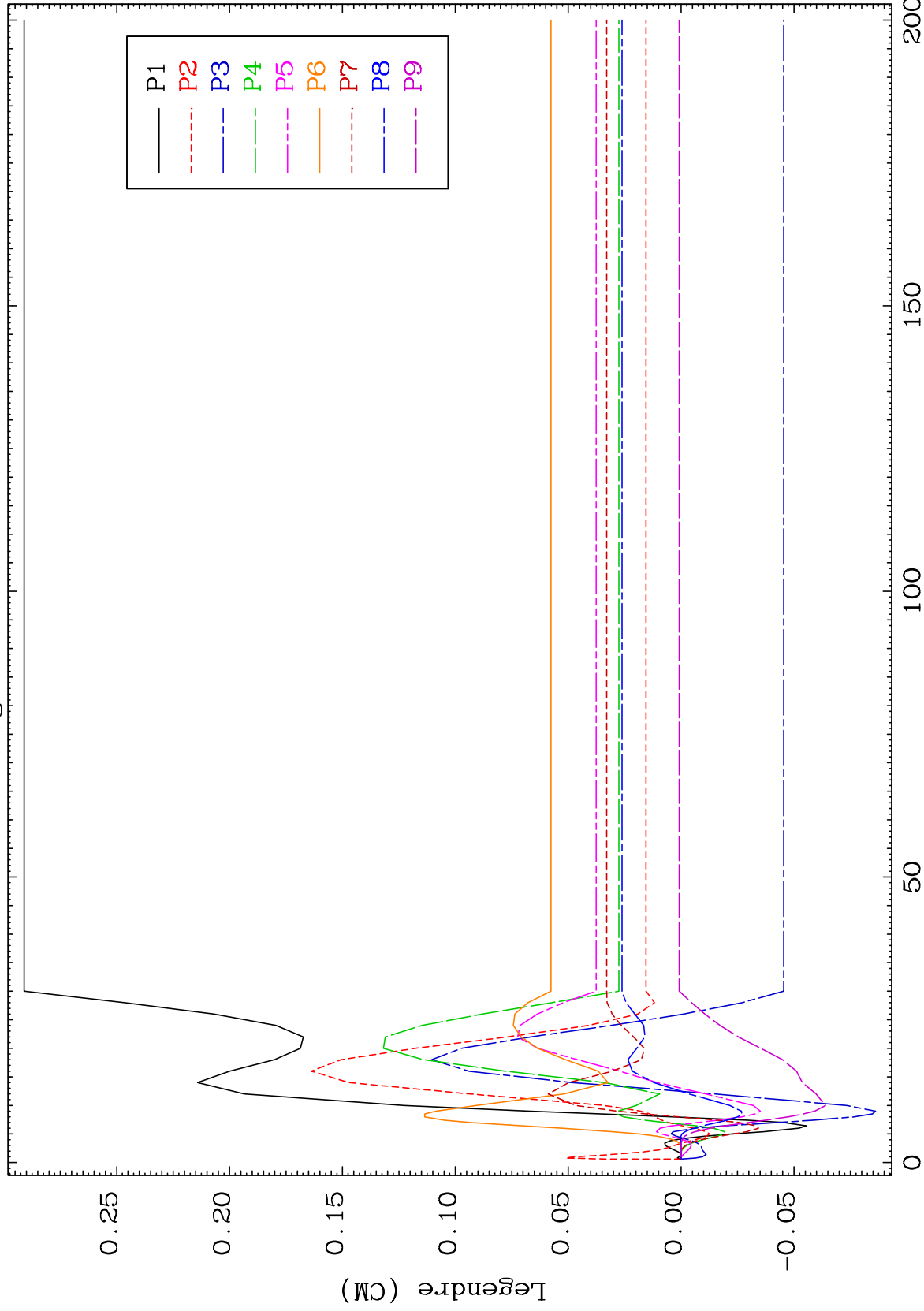


46 47-Ag-100

MAT 4704

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

47-Ag-100



47

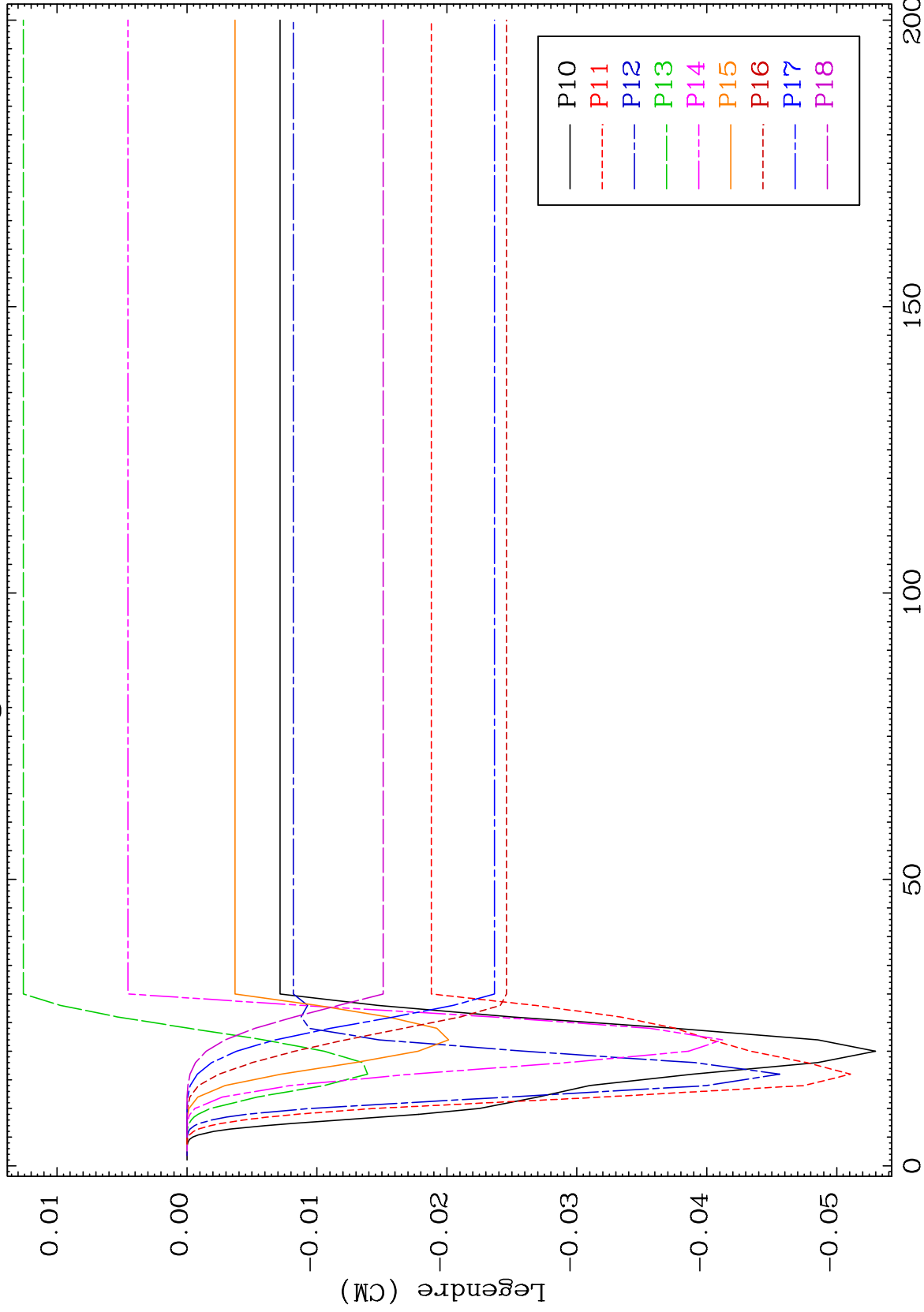
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



48

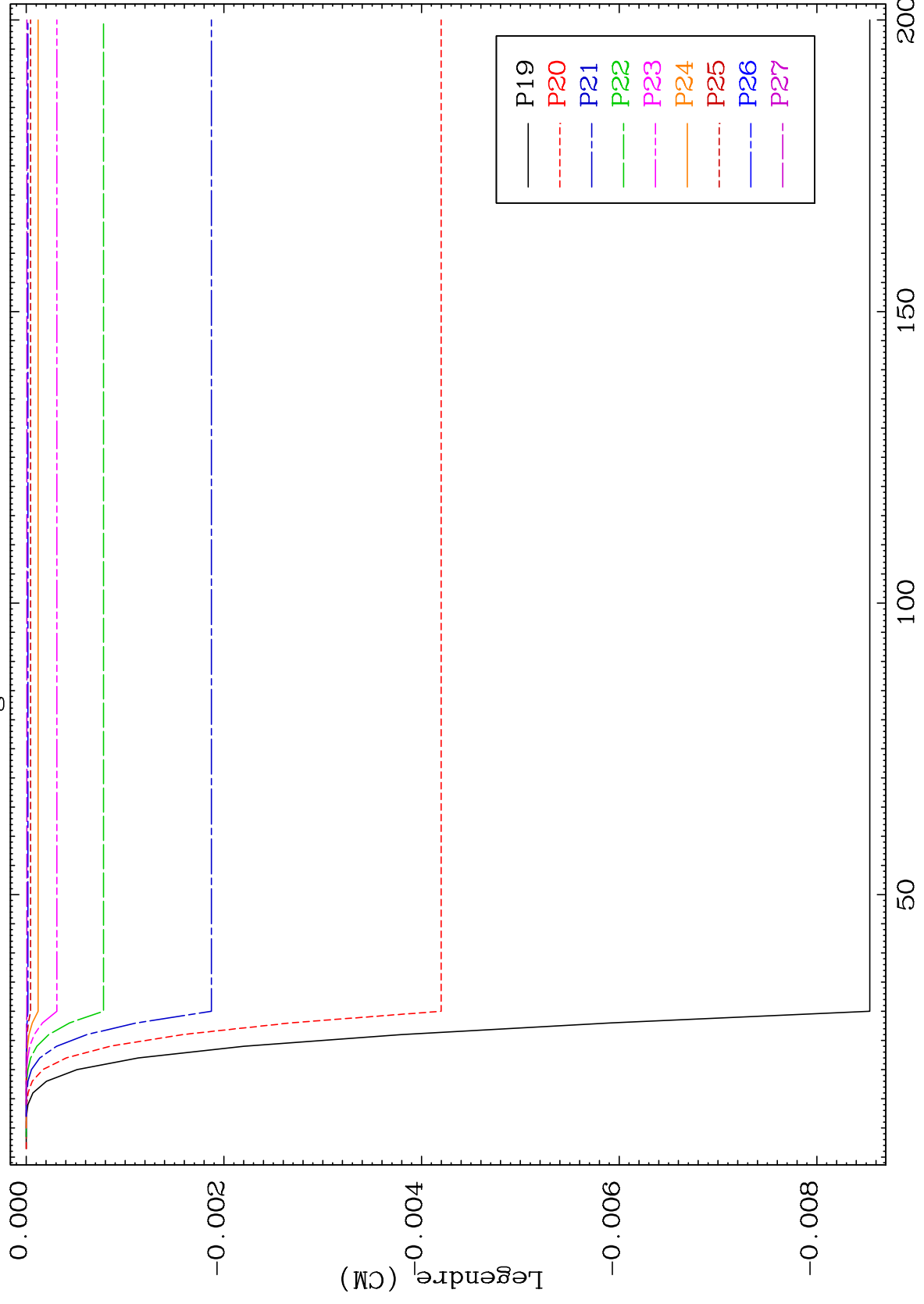
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

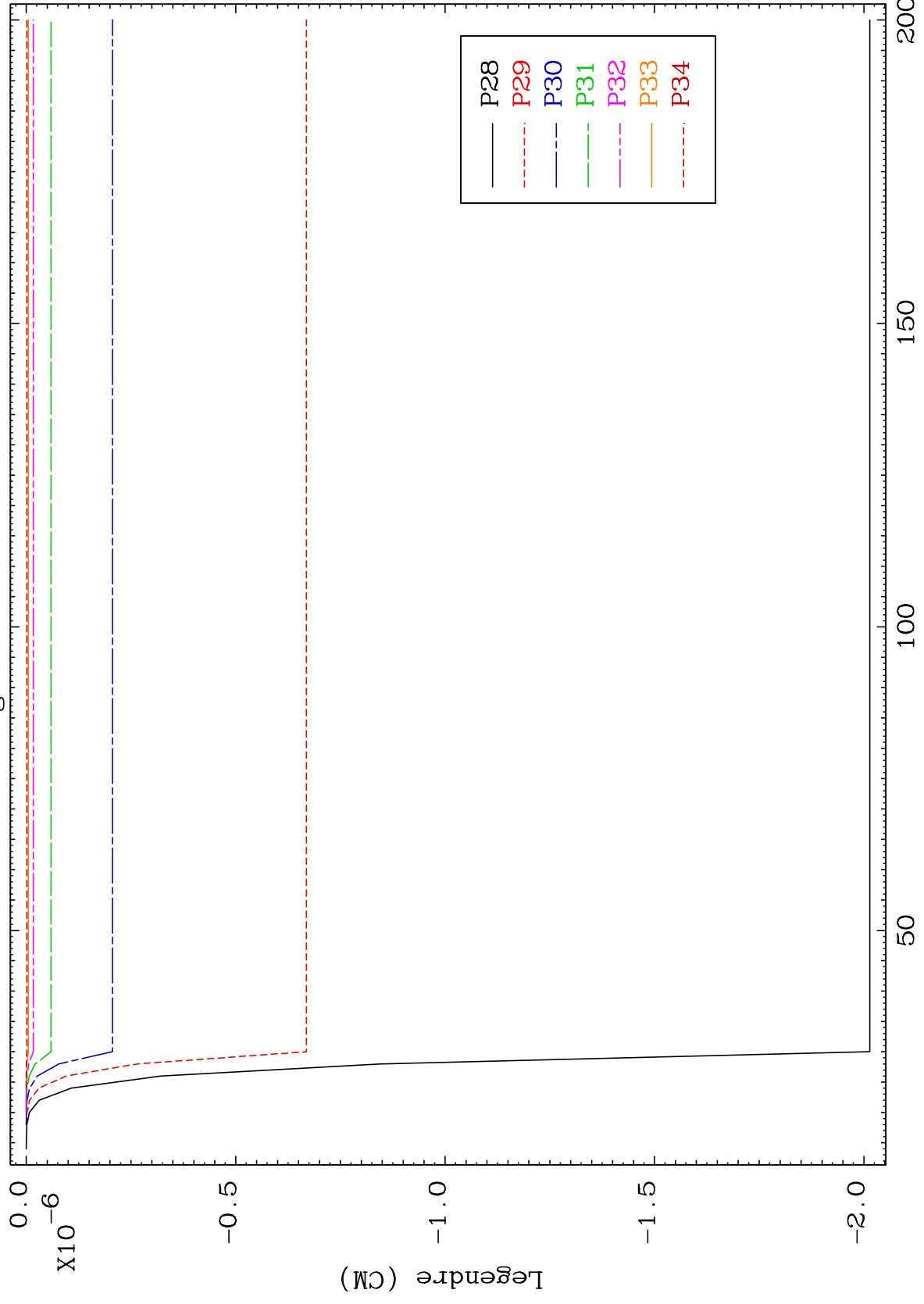
Incident Energy (MeV)

49

MAT 4704

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

47-Ag-100



47-Ag-100

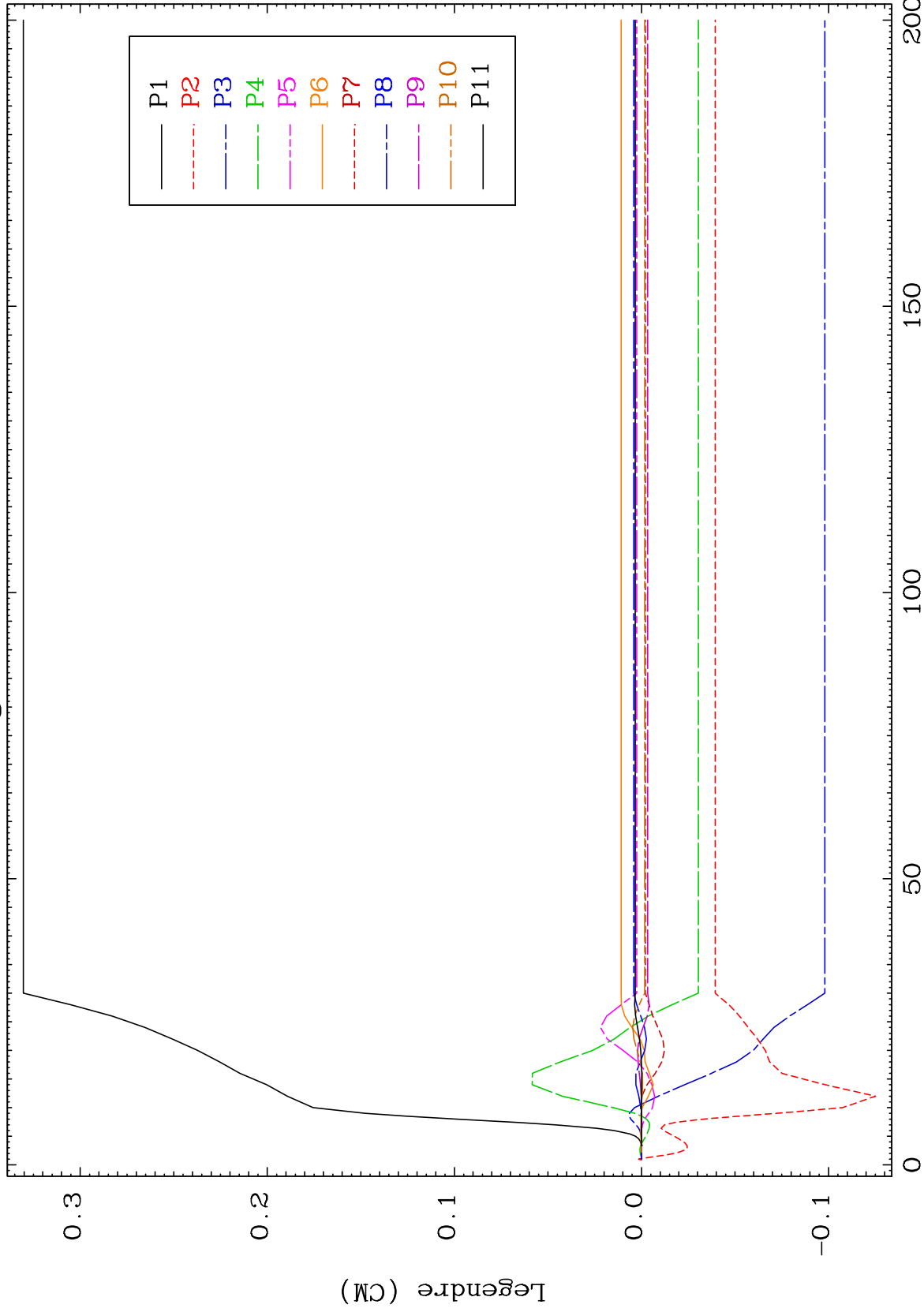
Incident Energy (MeV)

50

MAT 4704

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

47-Ag-100



51

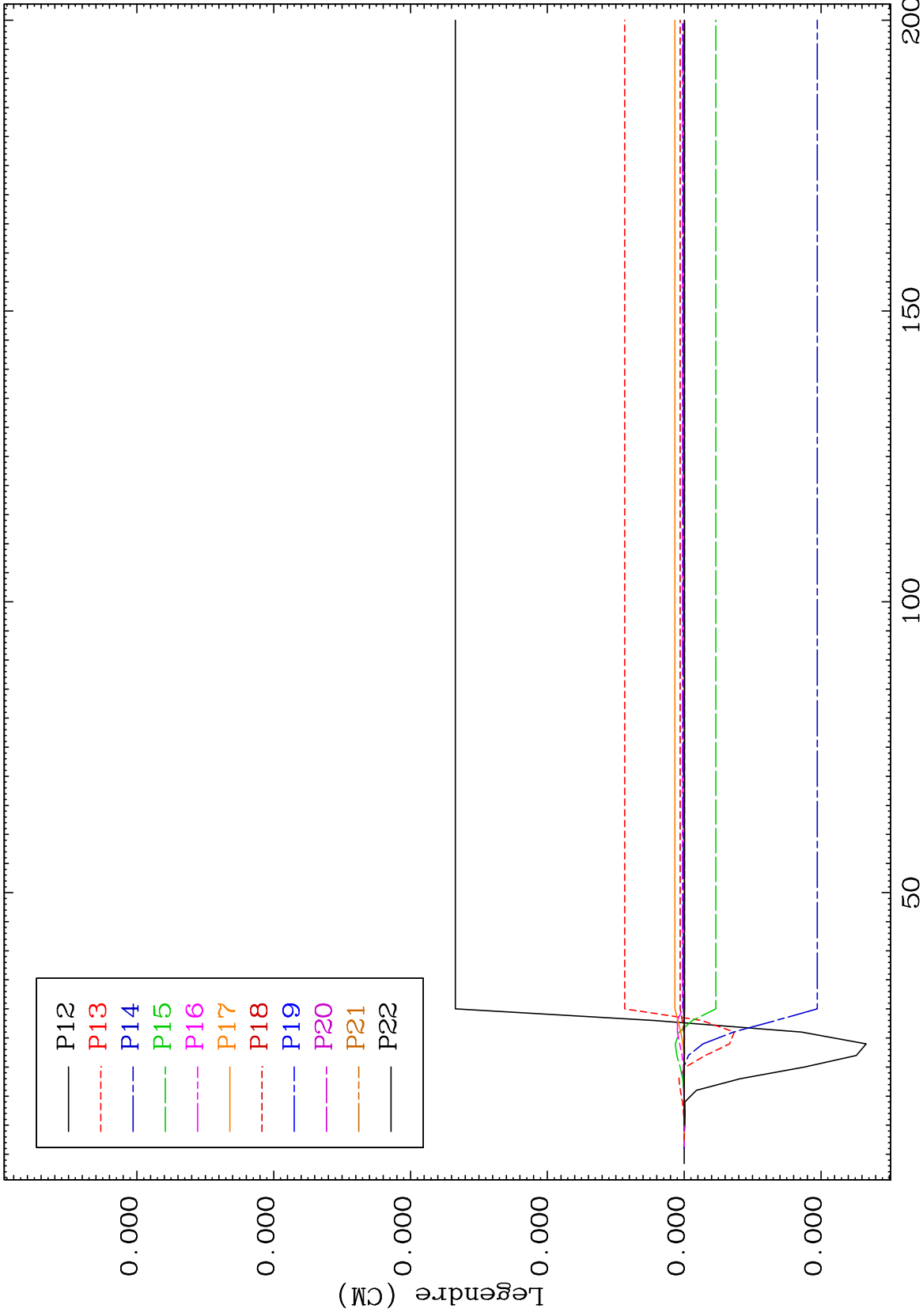
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



52

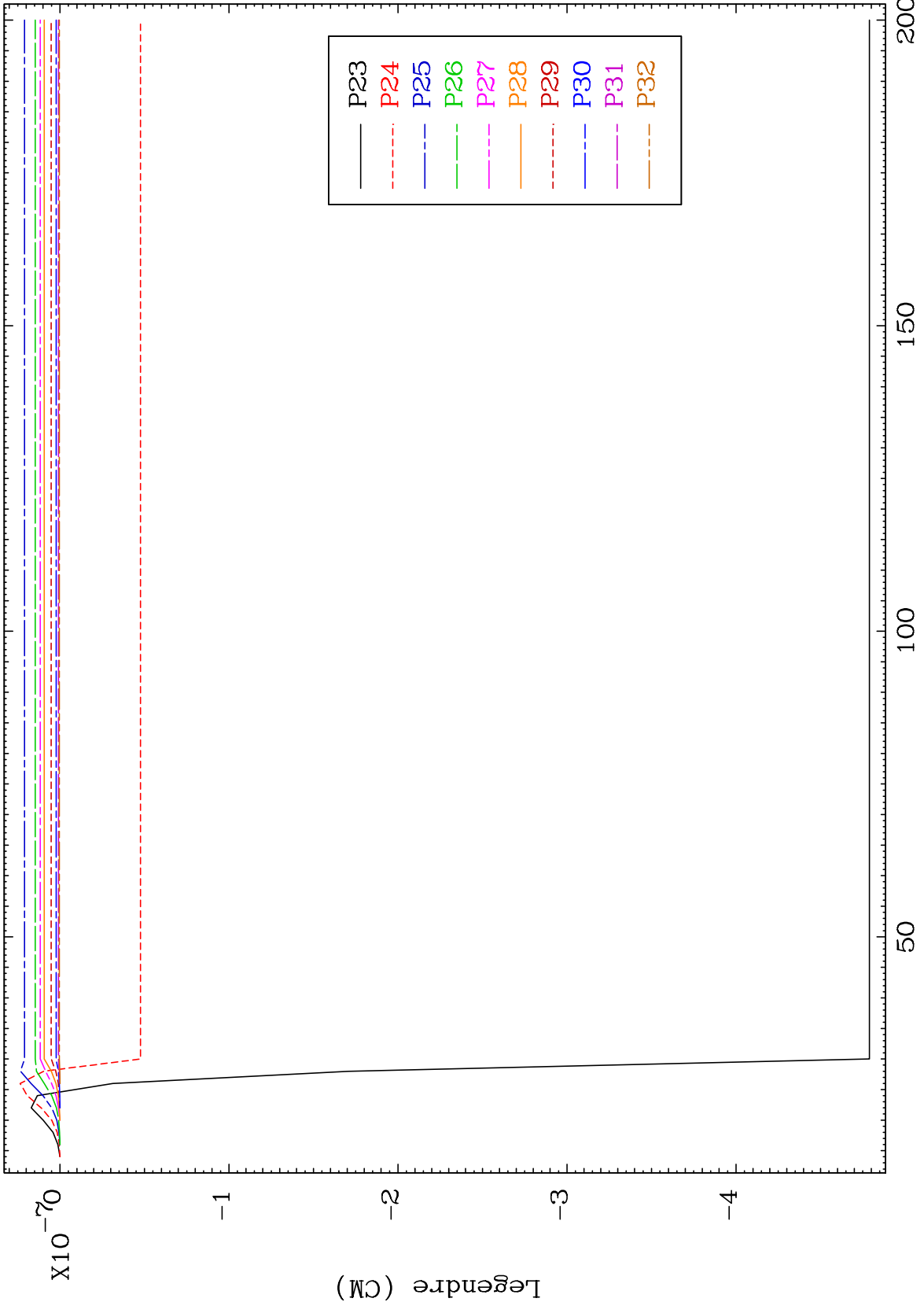
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

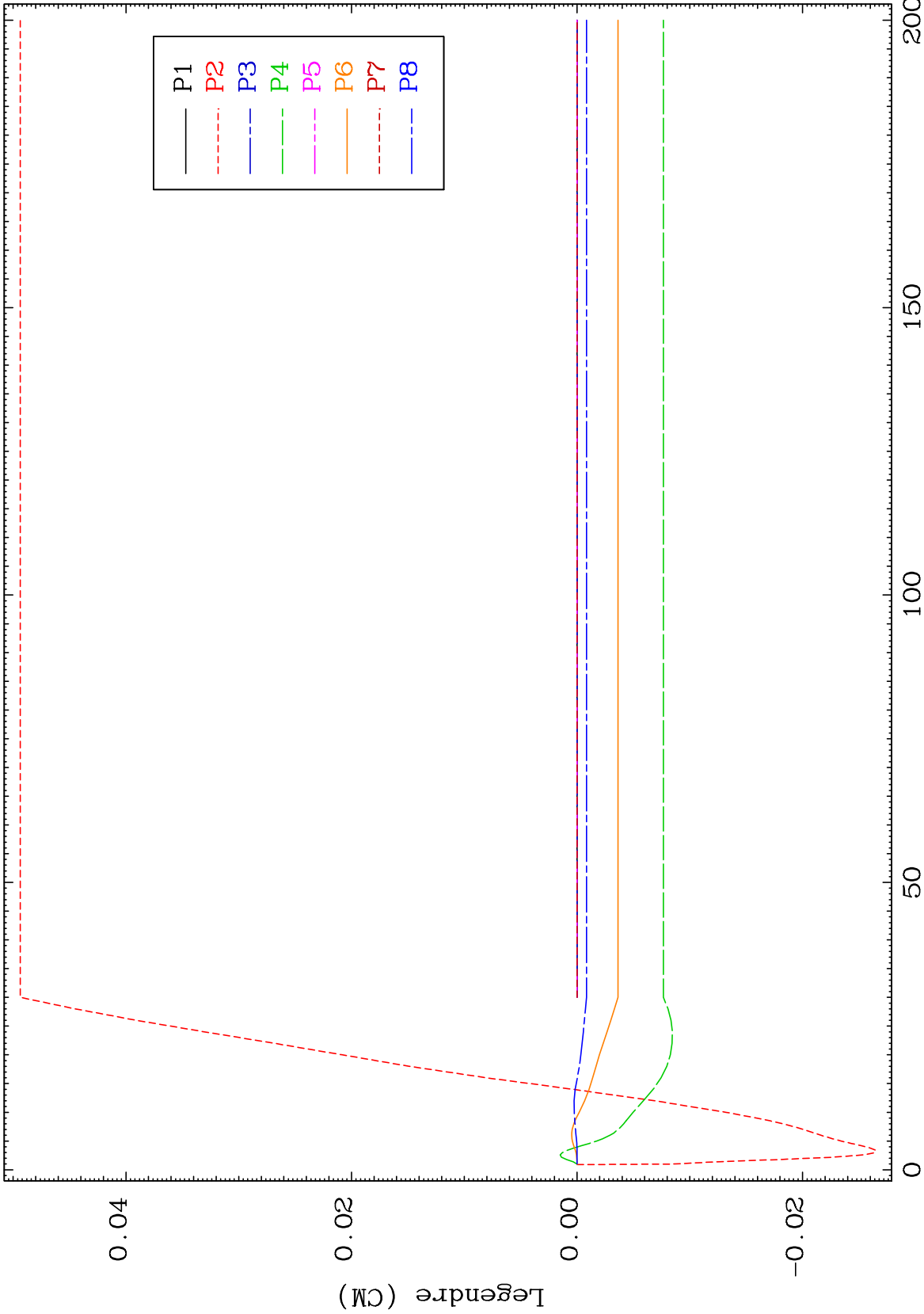
Incident Energy (MeV)

53

MAT 4704

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

47-Ag-100



54

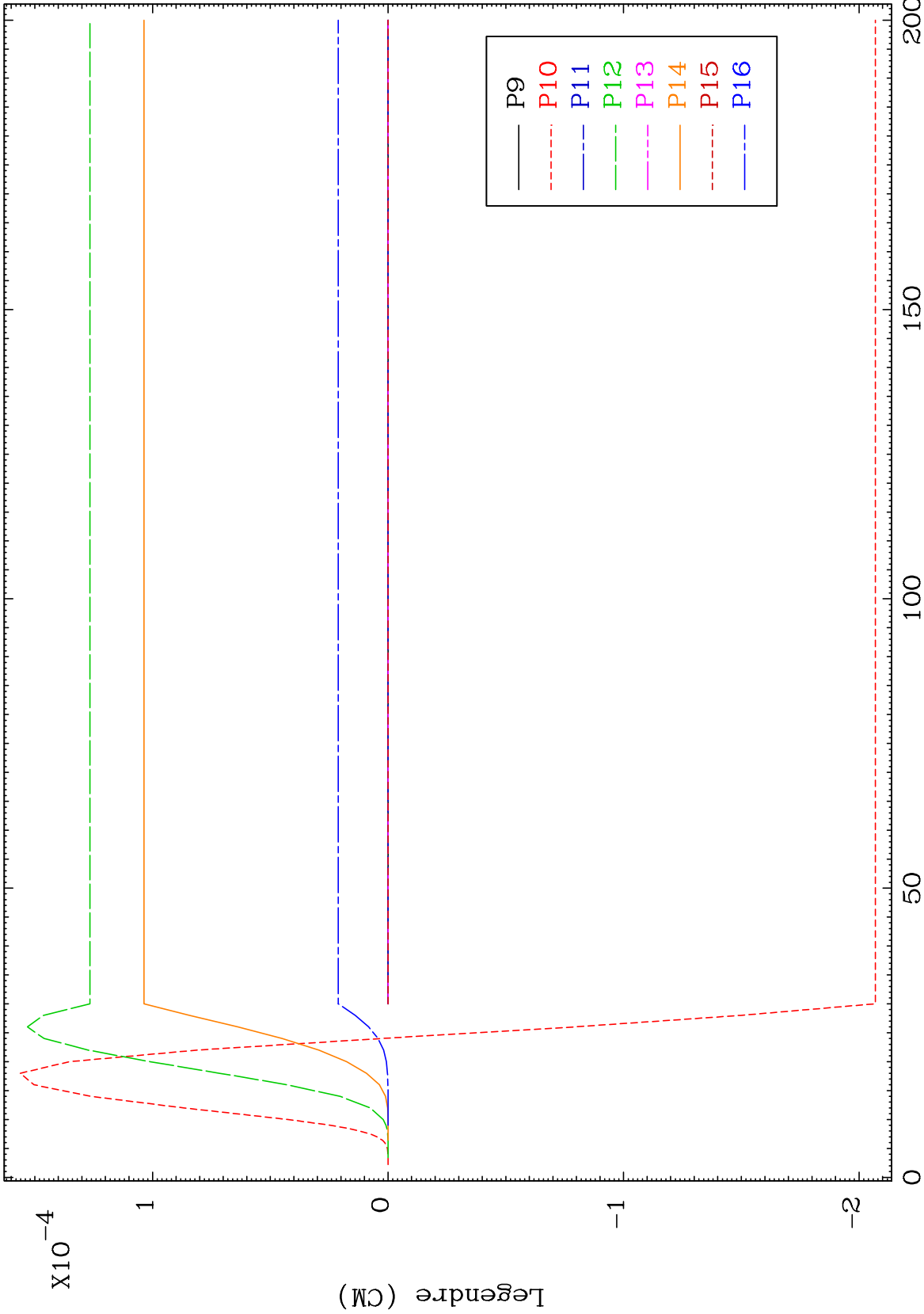
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



55

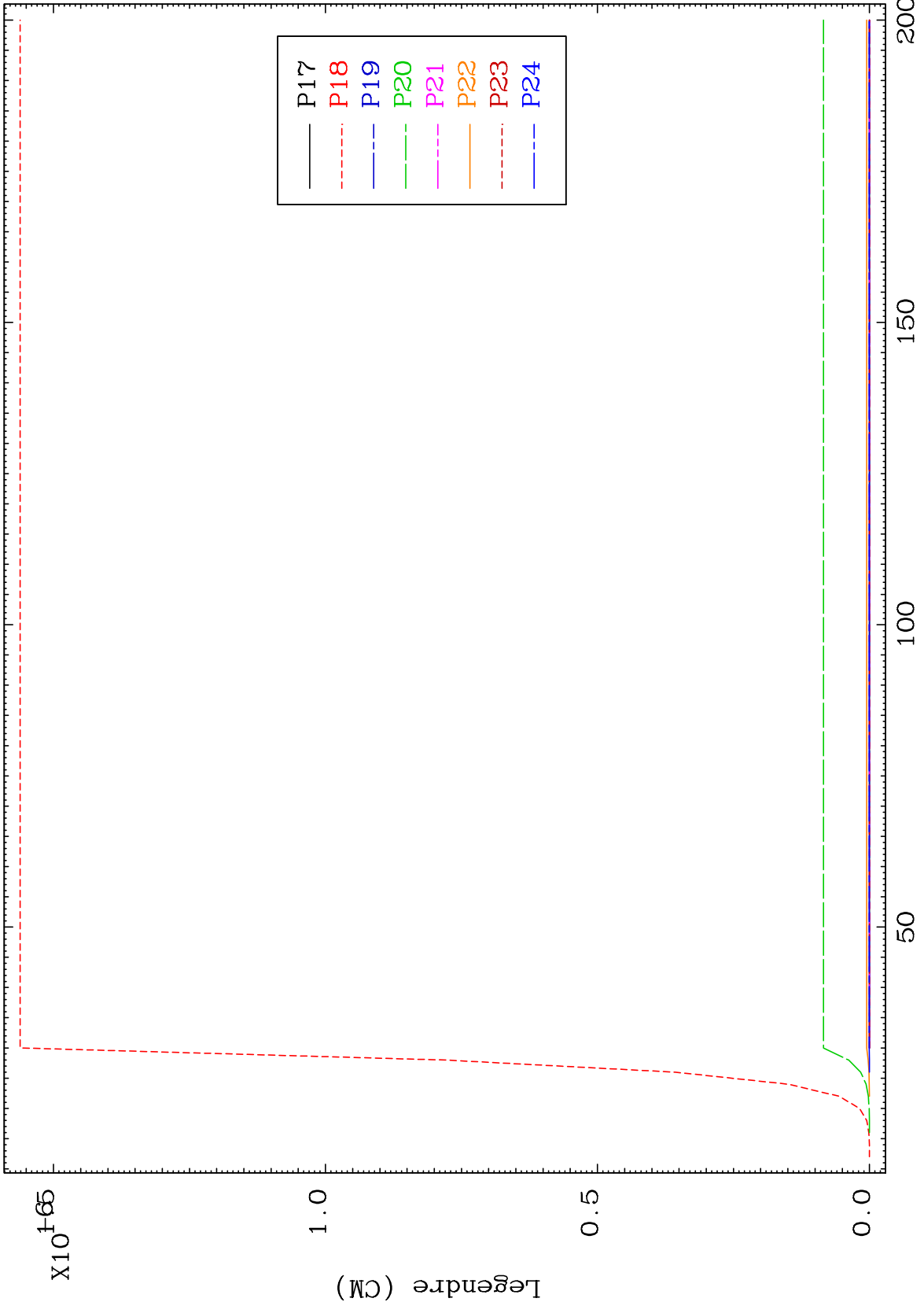
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100

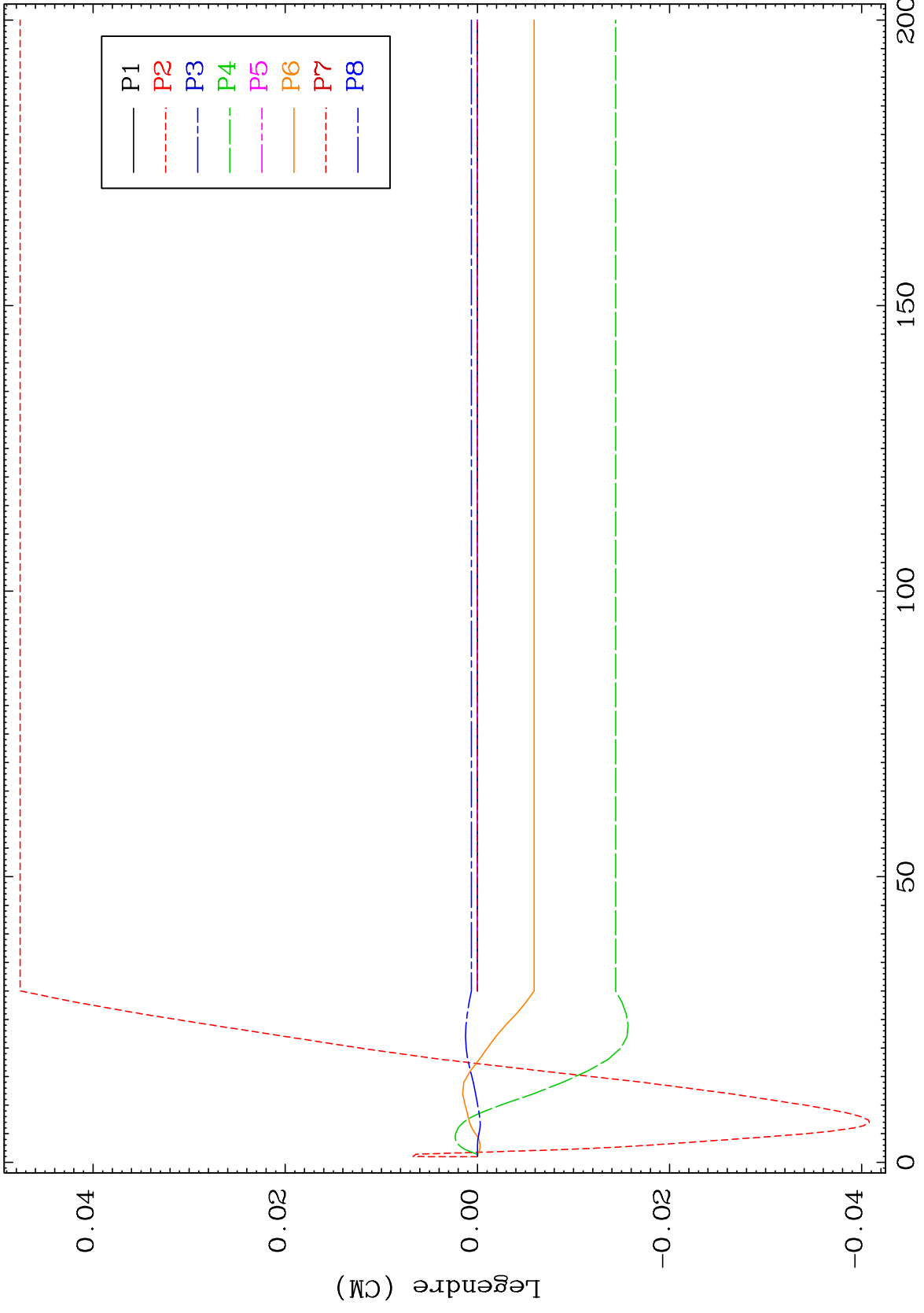


47-Ag-100

Incident Energy (MeV)

56

MAT 4704 MT= 62 (n,n') Level Legendre Coefficients 47-Ag-100

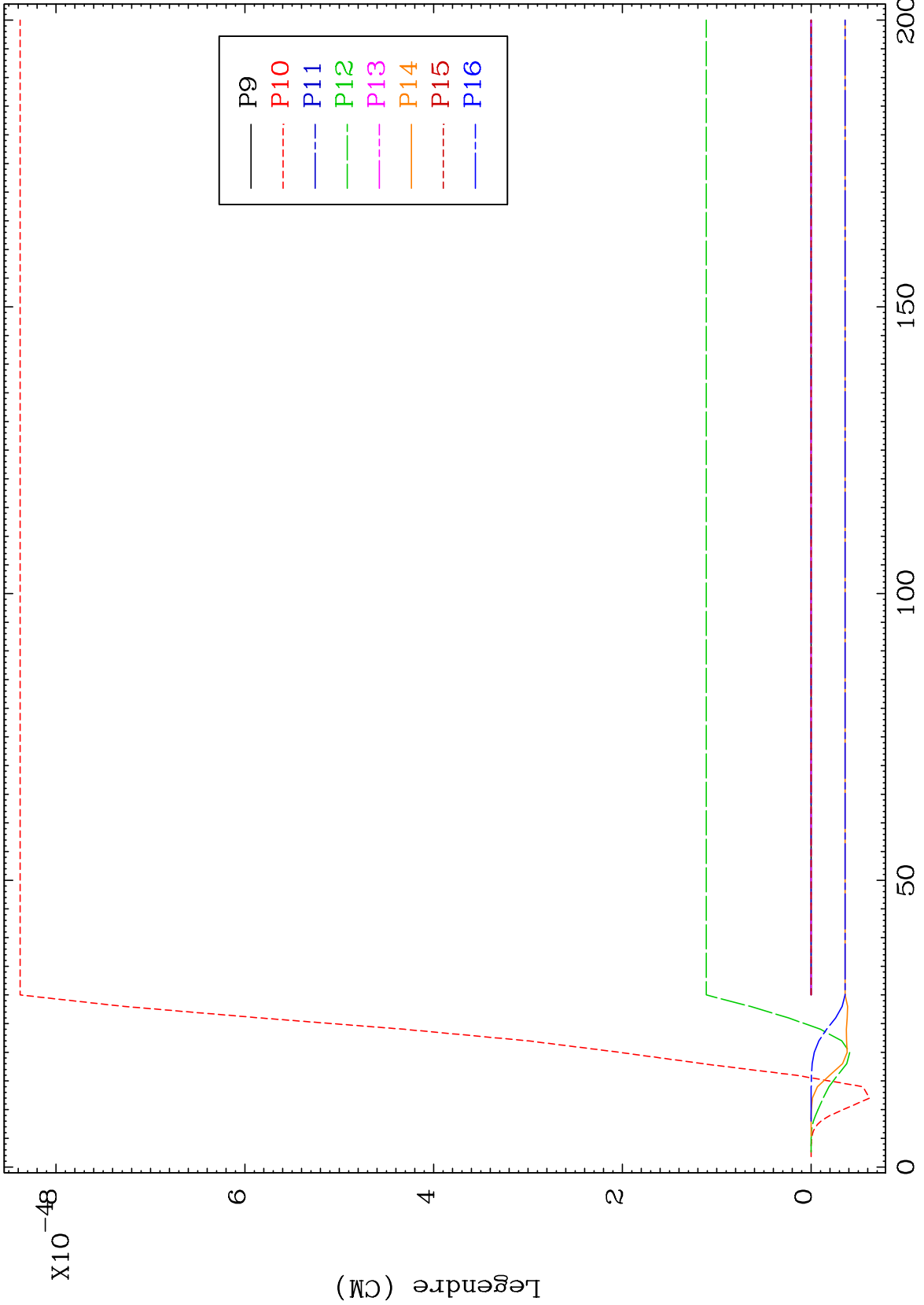


57 47-Ag-100

MAT 4704

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

47-Ag-100

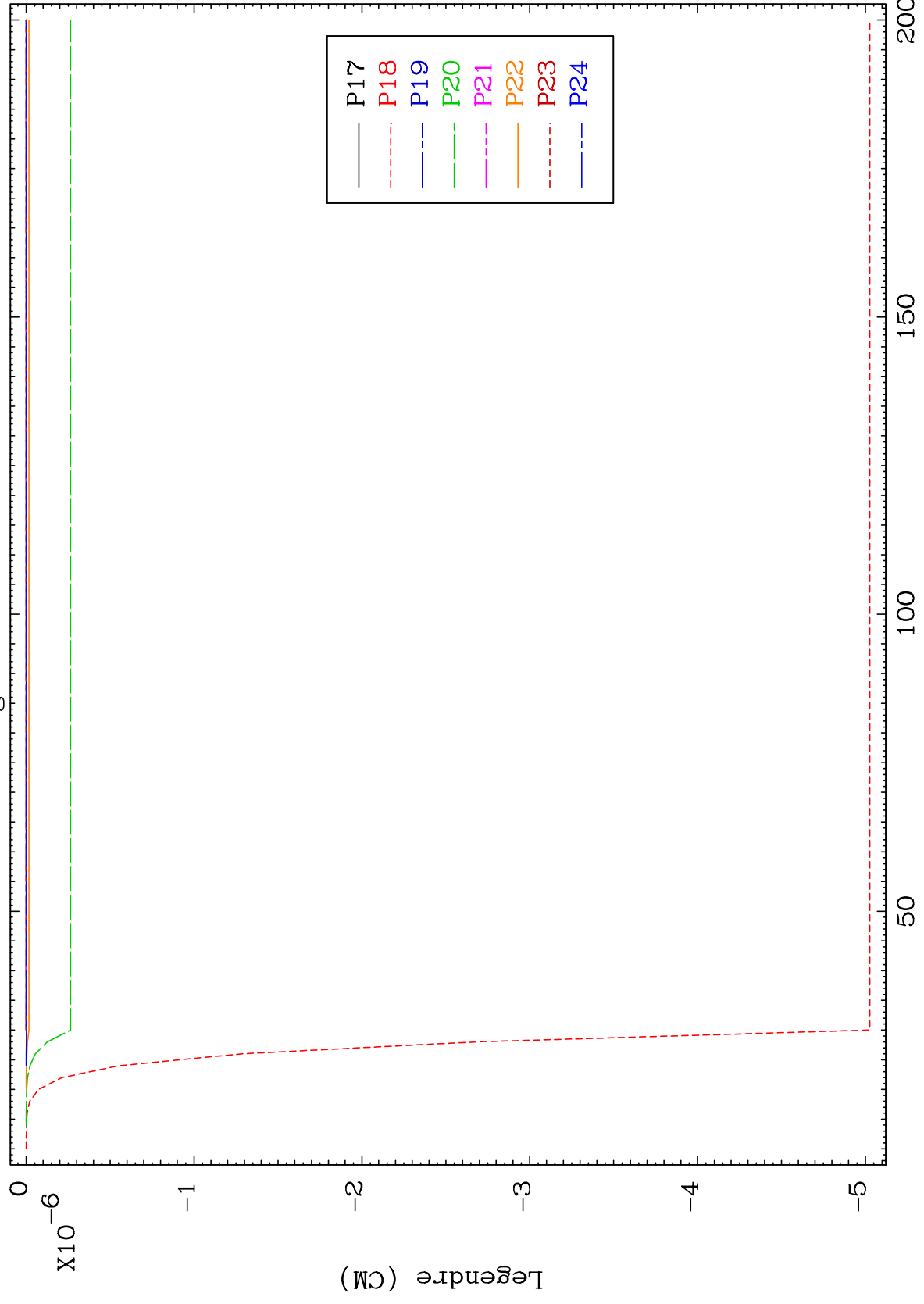


58

Incident Energy (MeV)

47-Ag-100

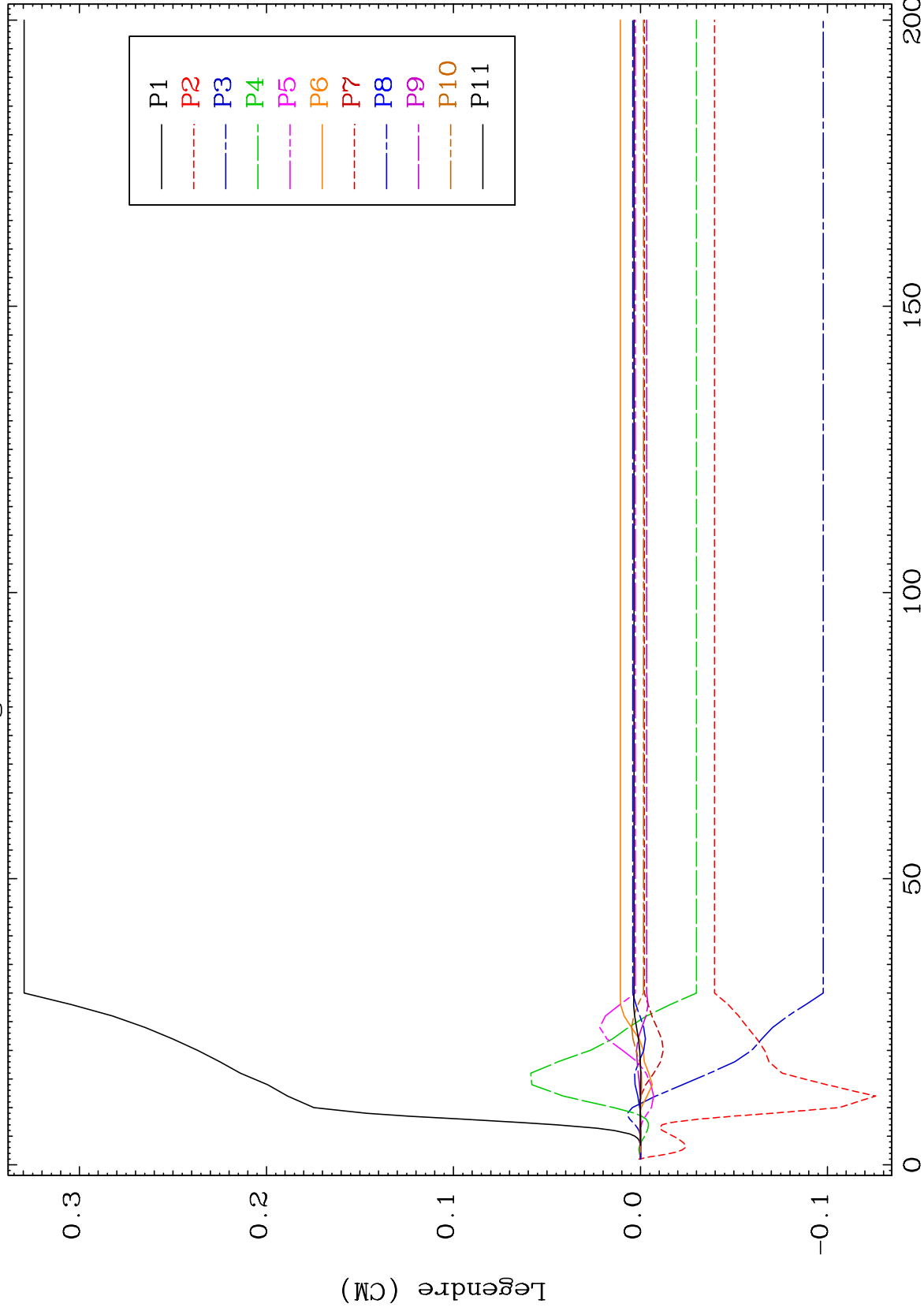
MAT 4704 MT= 62 (n,n') Level Legendre Coefficients 47-Ag-100



MAT 4704

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

47-Ag-100



47-Ag-100

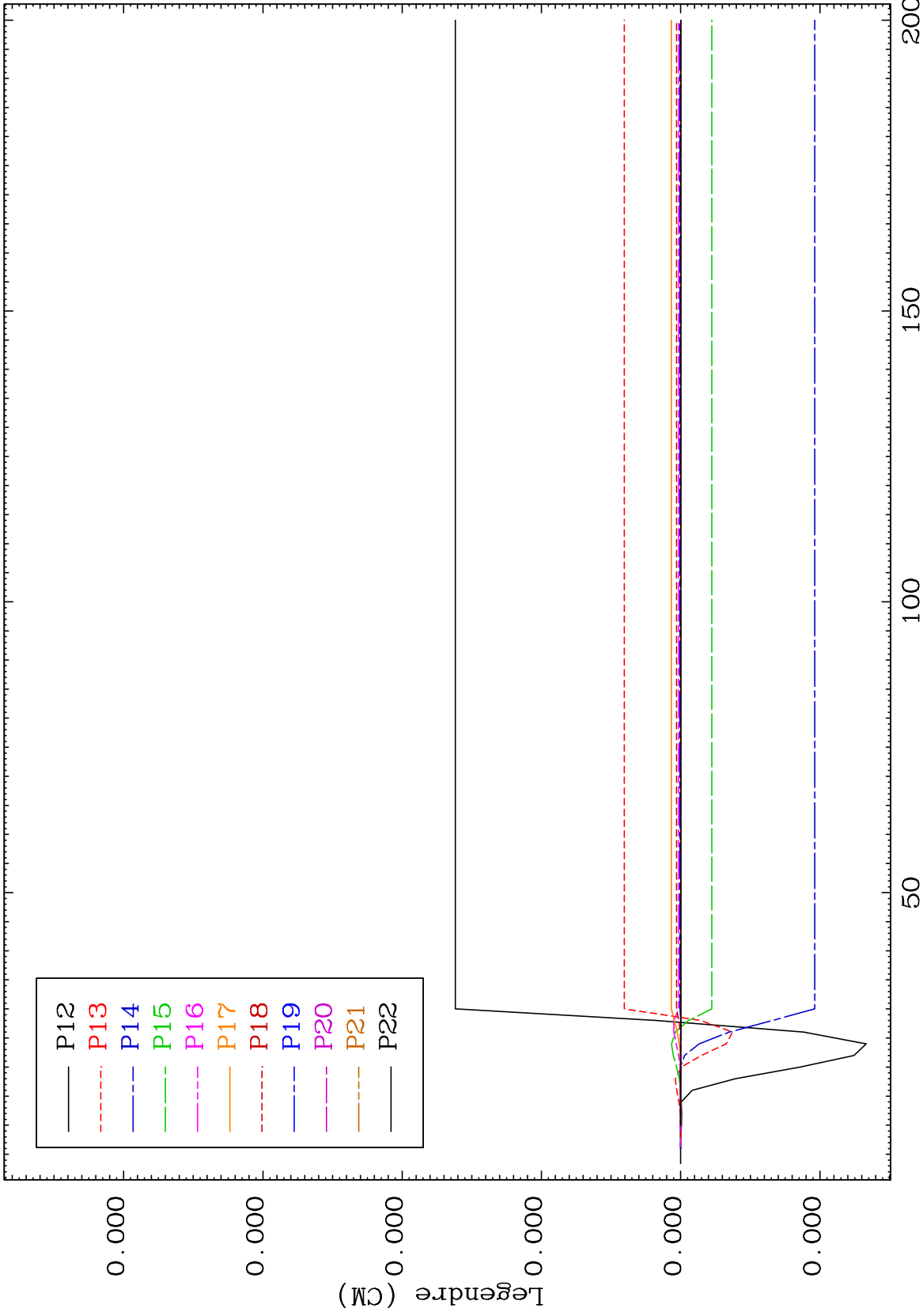
Incident Energy (MeV)

60

MAT 4704

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

47-Ag-100



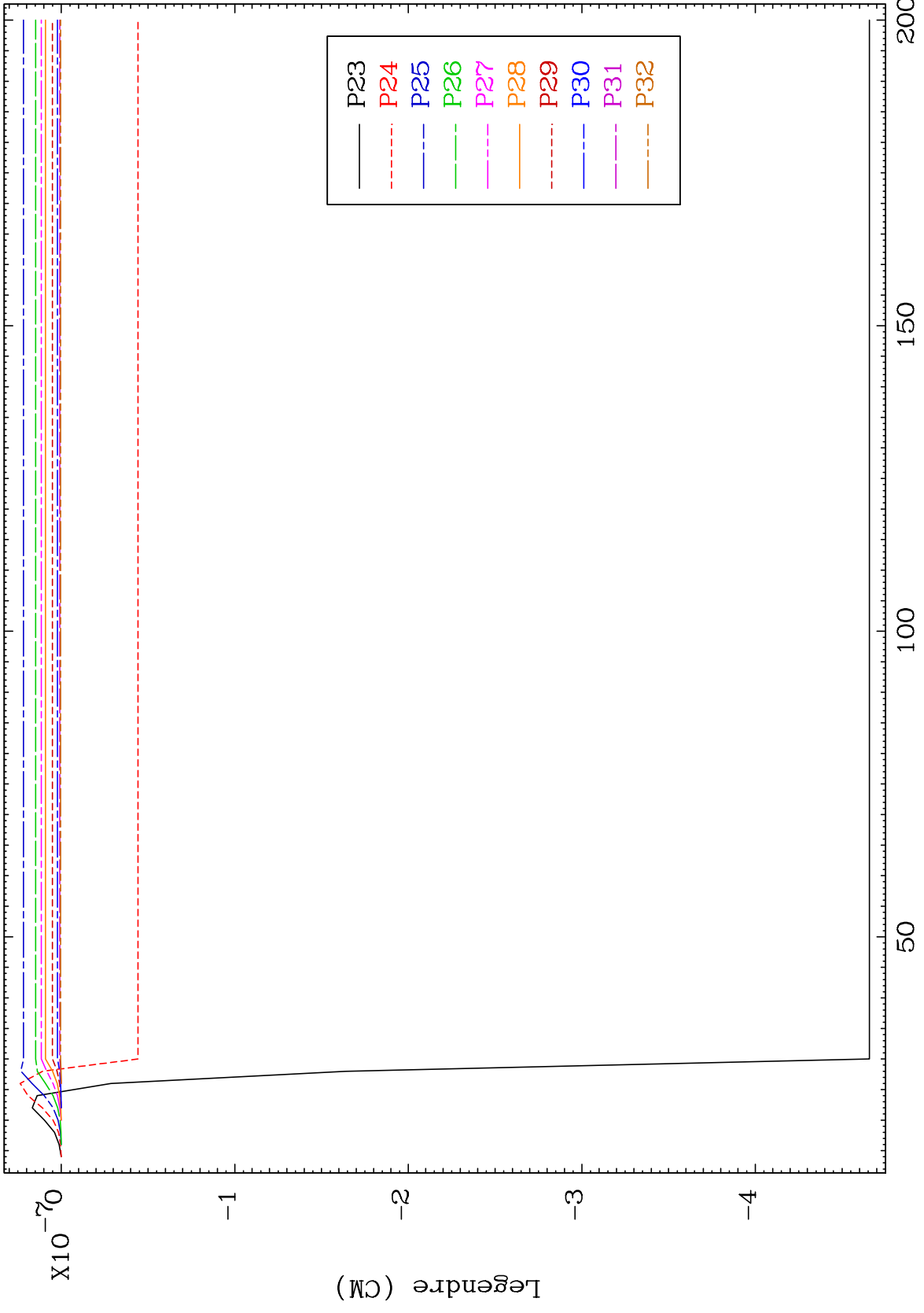
61

47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

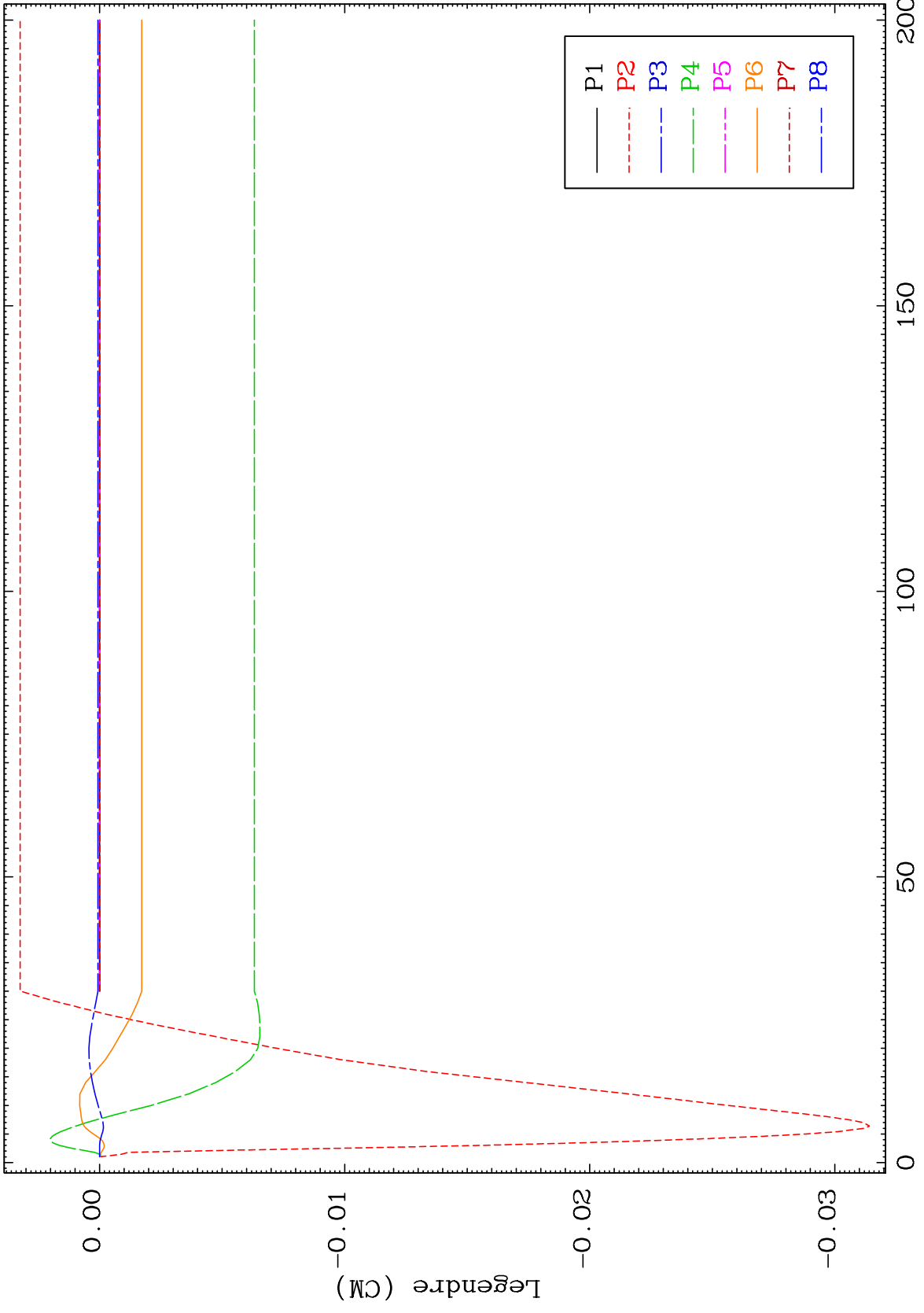
Incident Energy (MeV)

62

MAT 4704

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

47-Ag-100

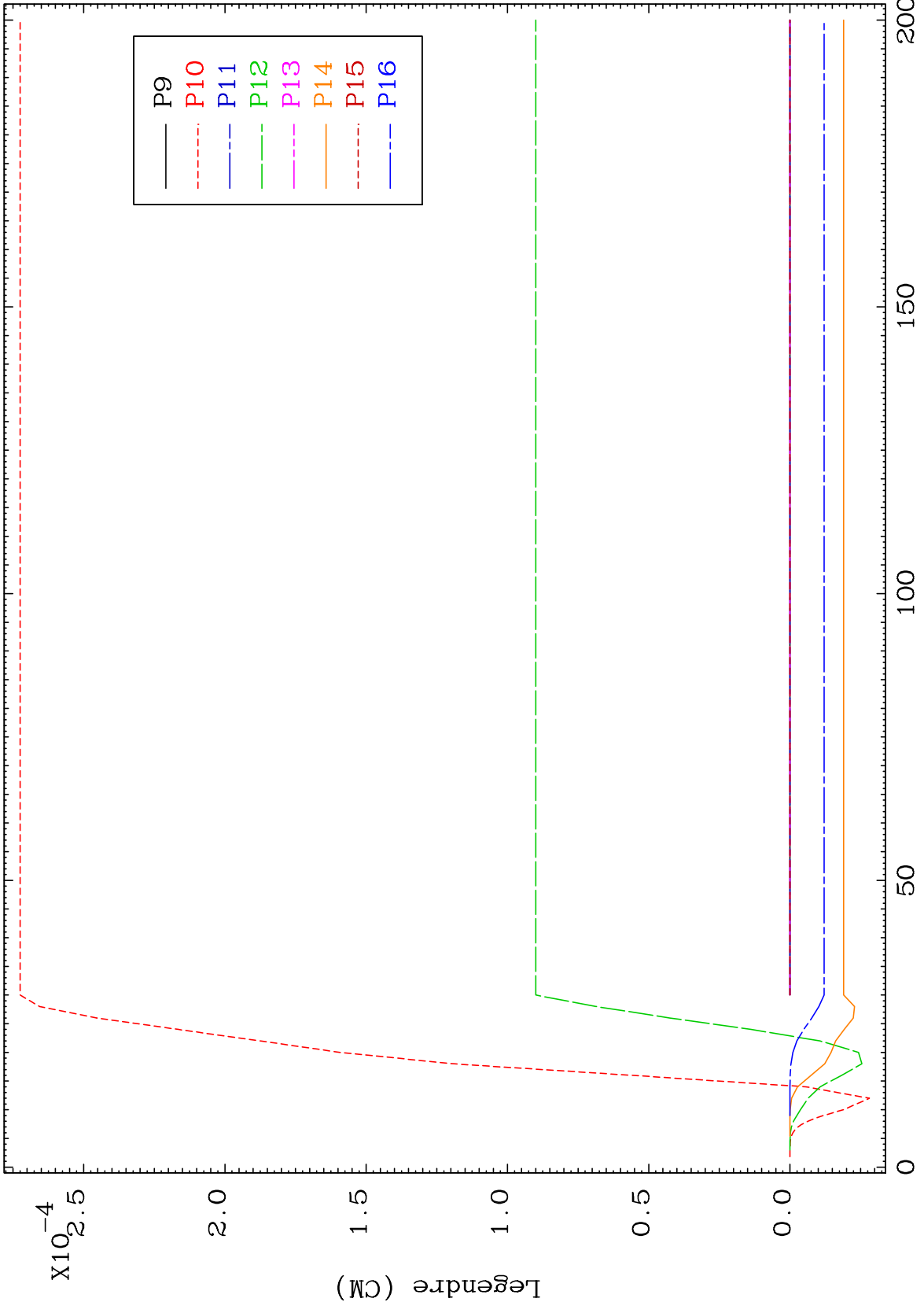


47-Ag-100

Incident Energy (MeV)

63

MAT 4704 MT= 64 (n,n') Level Legendre Coefficients 47-Ag-100

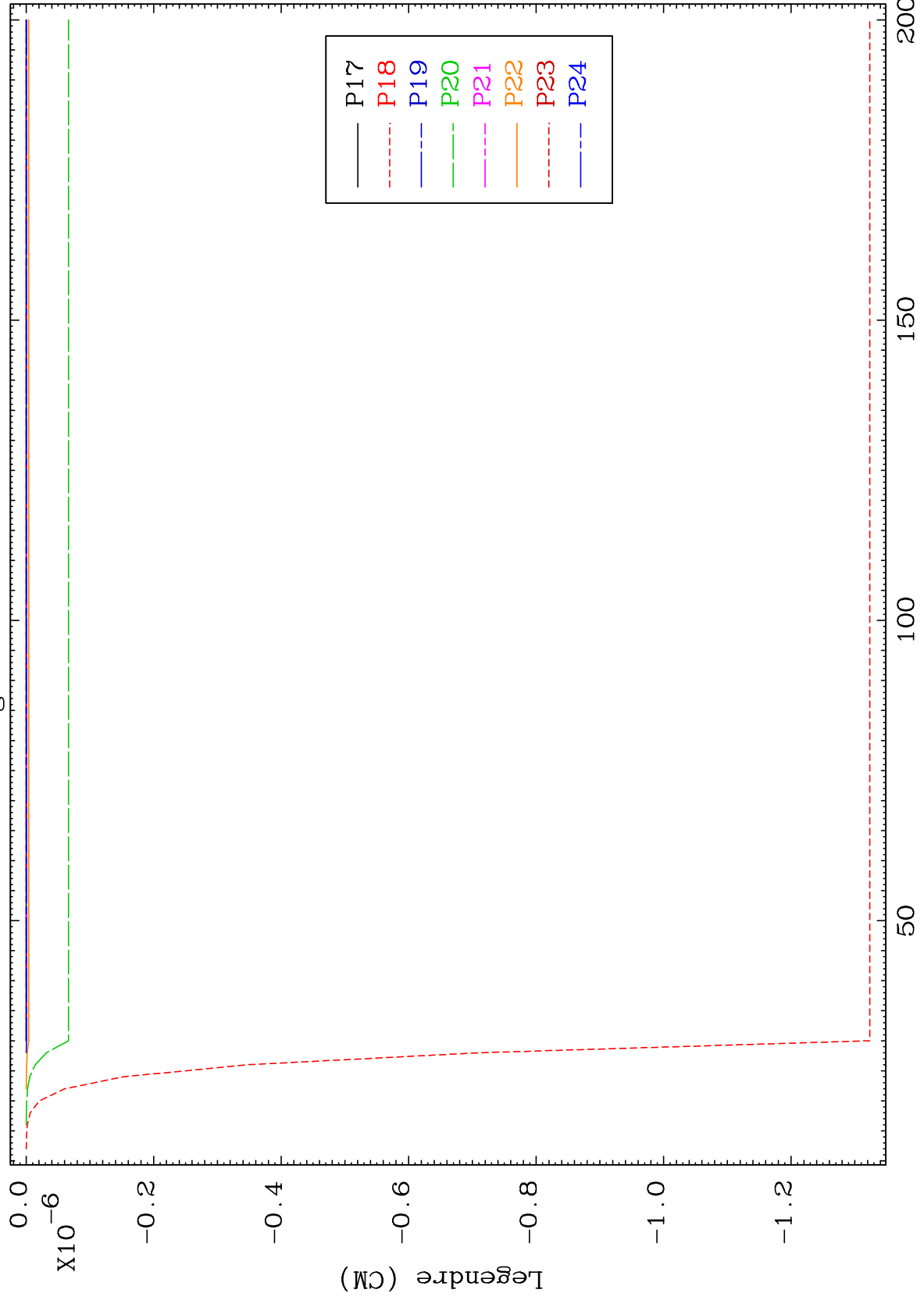


64 47-Ag-100

MAT 4704

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

47-Ag-100

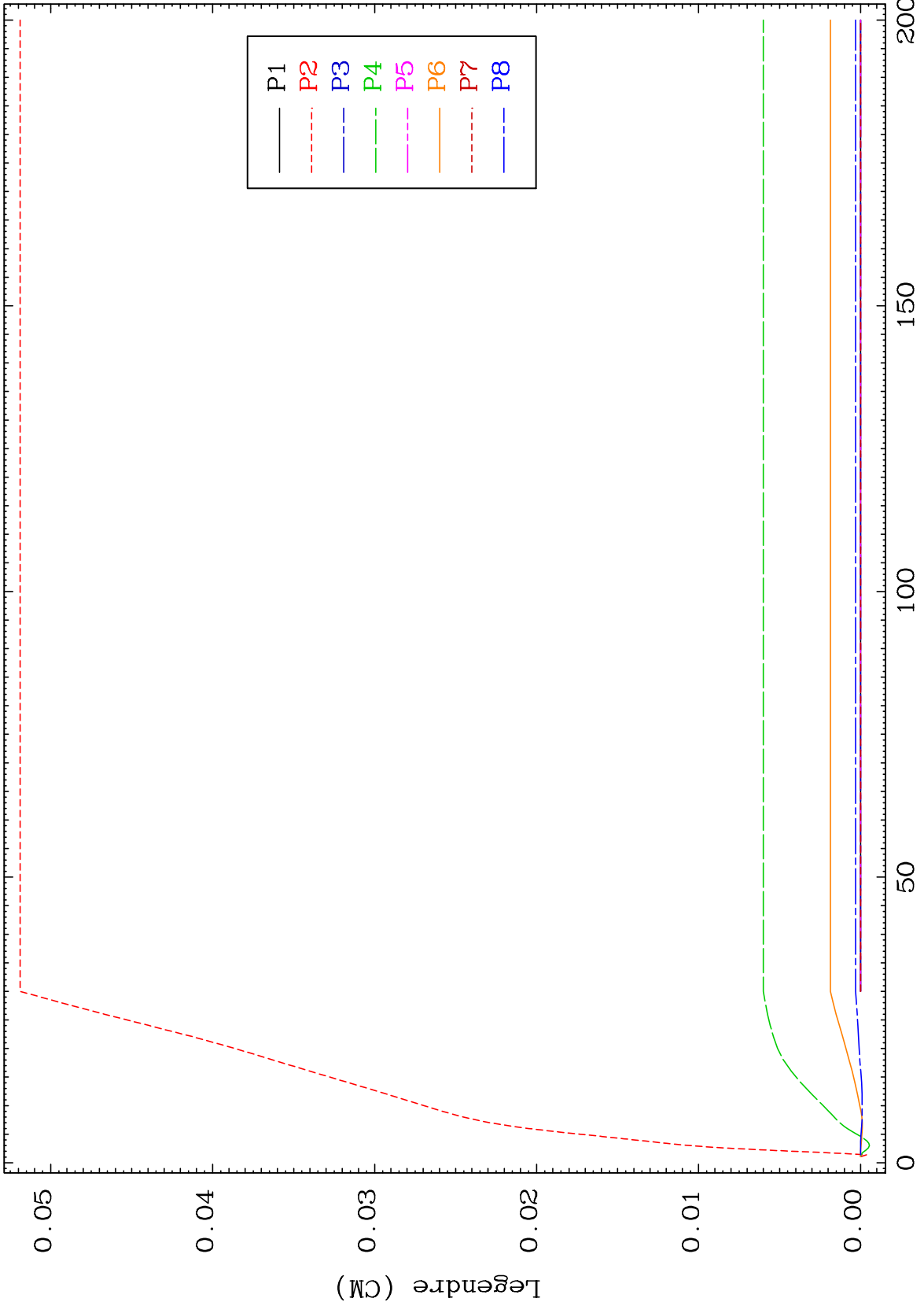


47-Ag-100

Incident Energy (MeV)

65

MAT 4704 MT= 65 (n,n') Level Legendre Coefficients 47-Ag-100

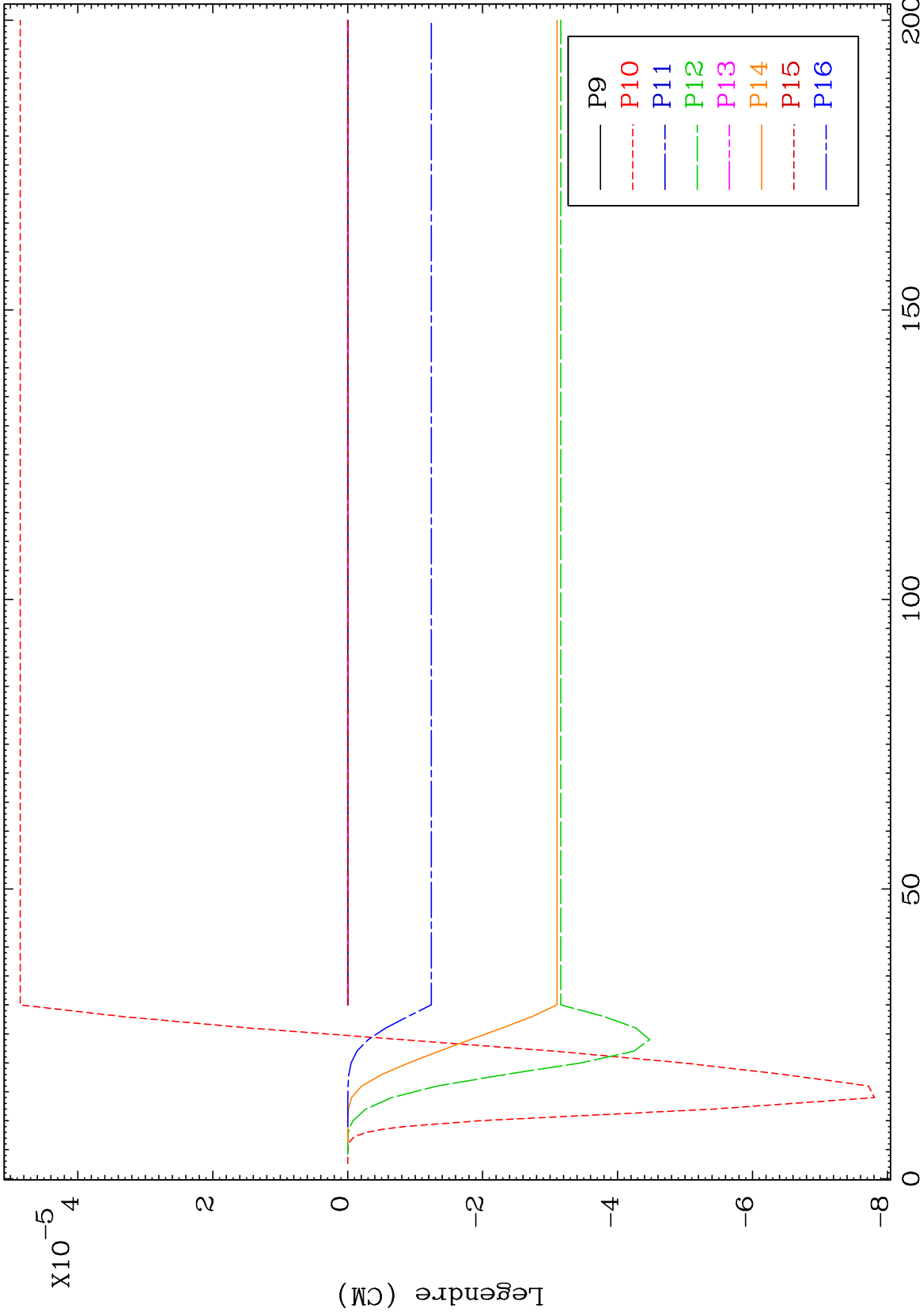


66 47-Ag-100

MAT 4704

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

47-Ag-100



67

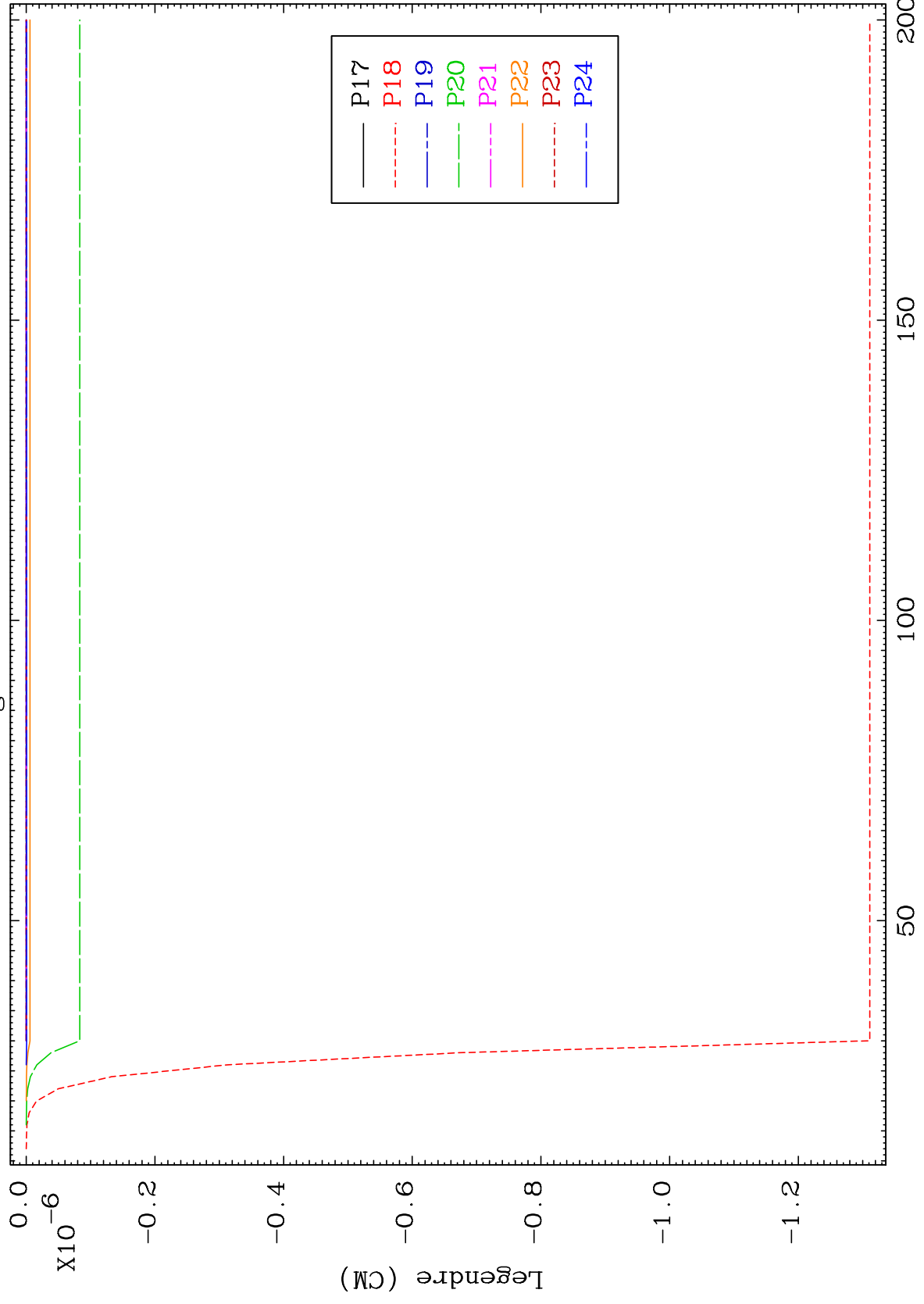
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



68

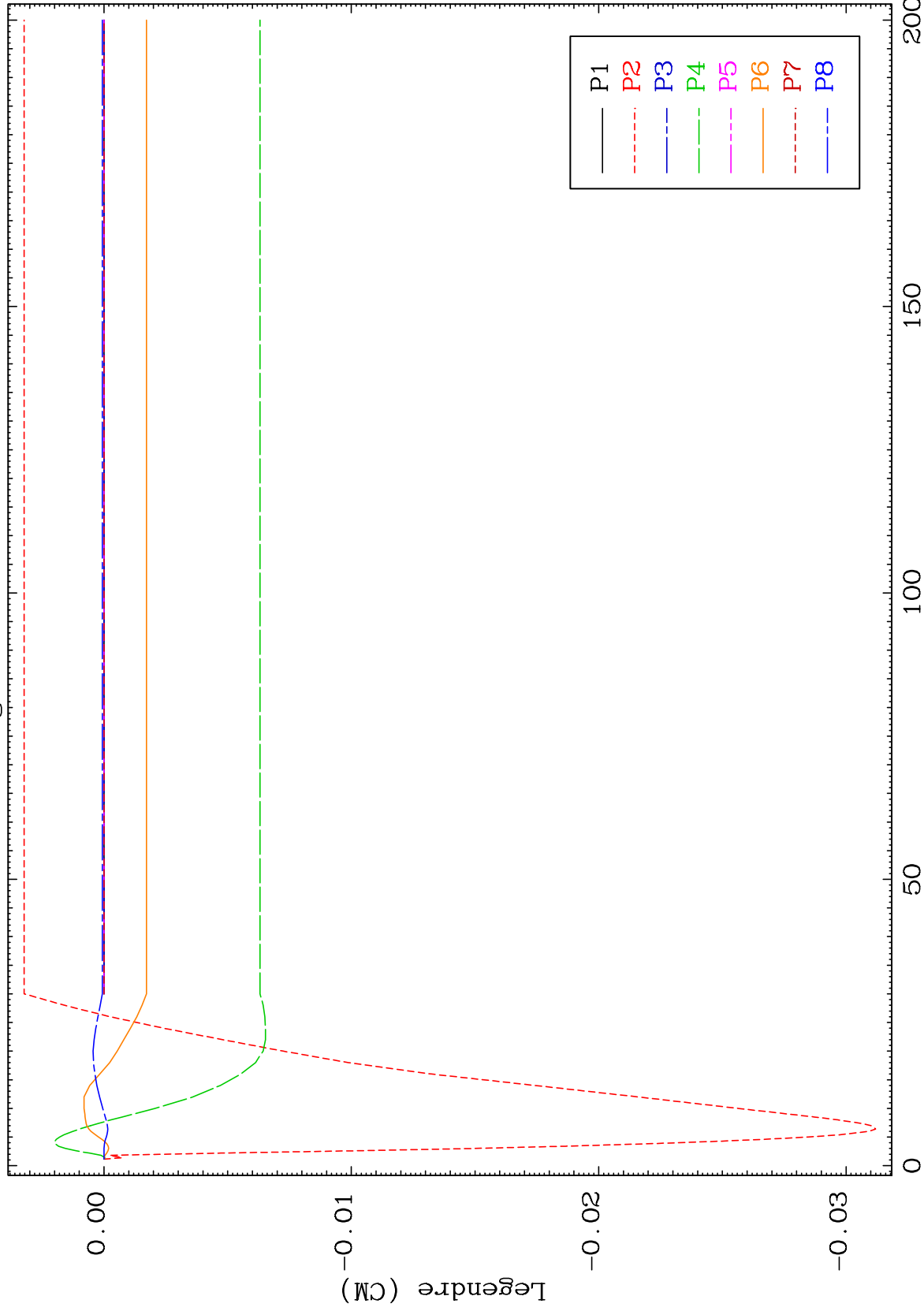
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



69

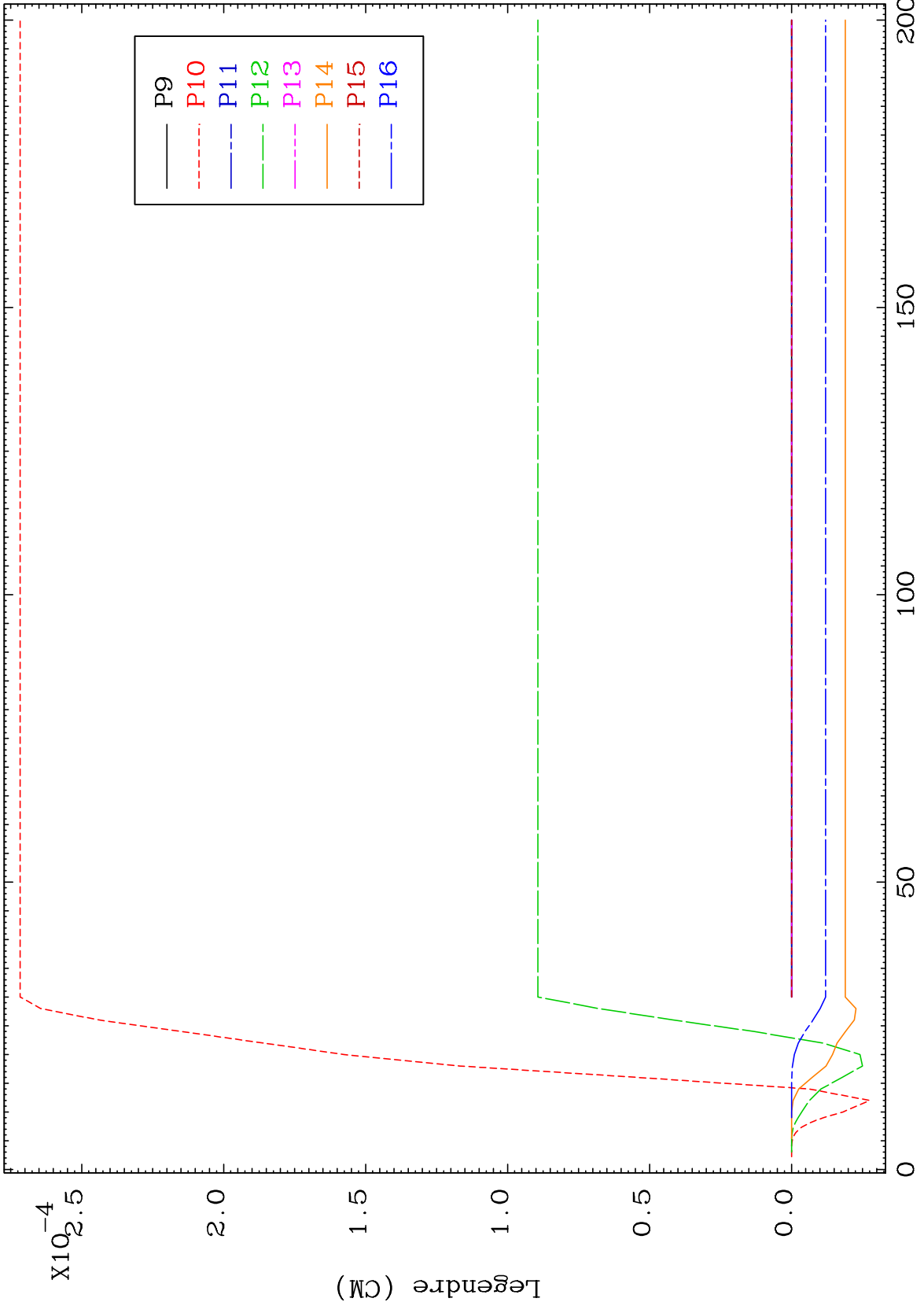
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



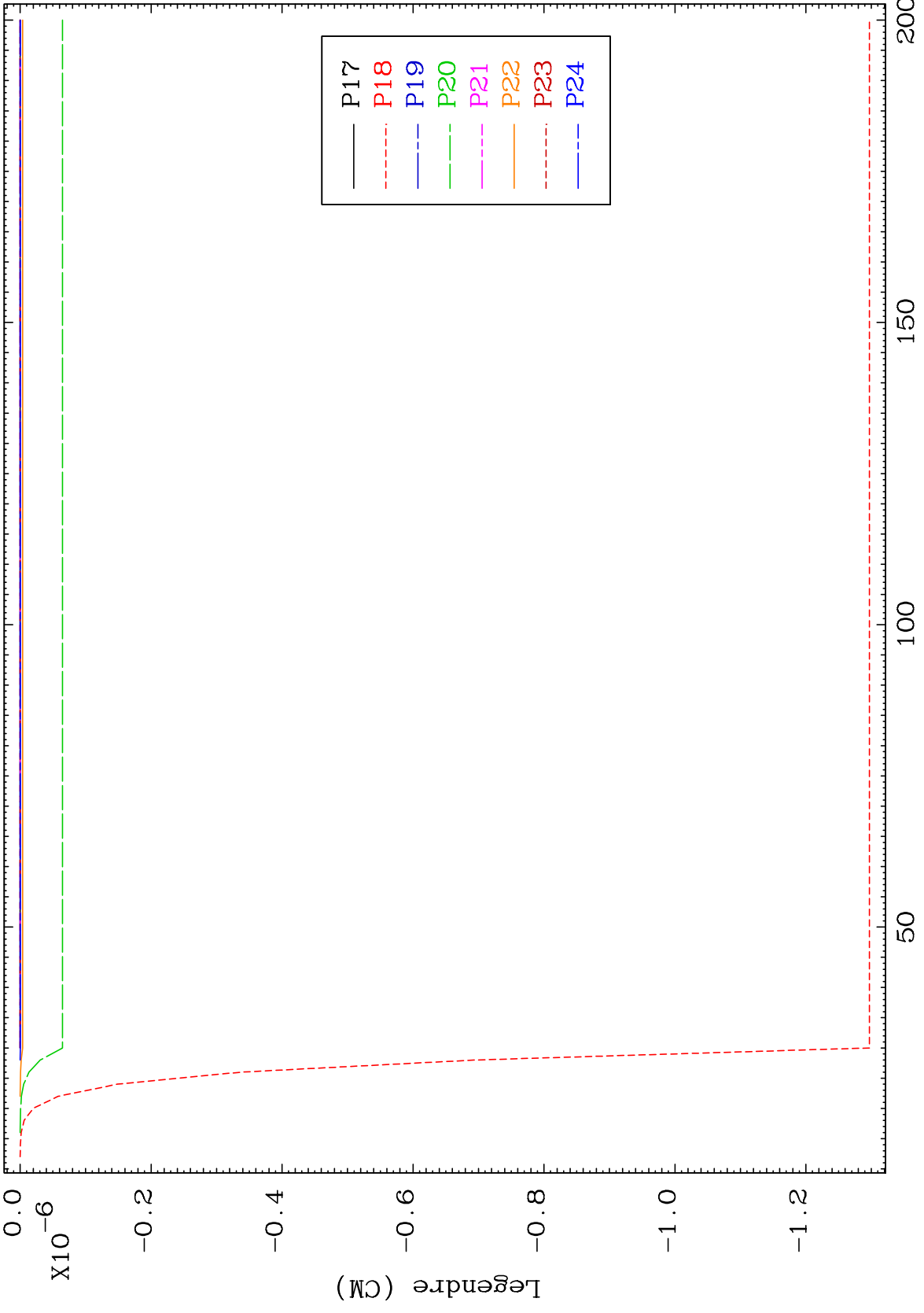
47-Ag-100

Incident Energy (MeV)

70

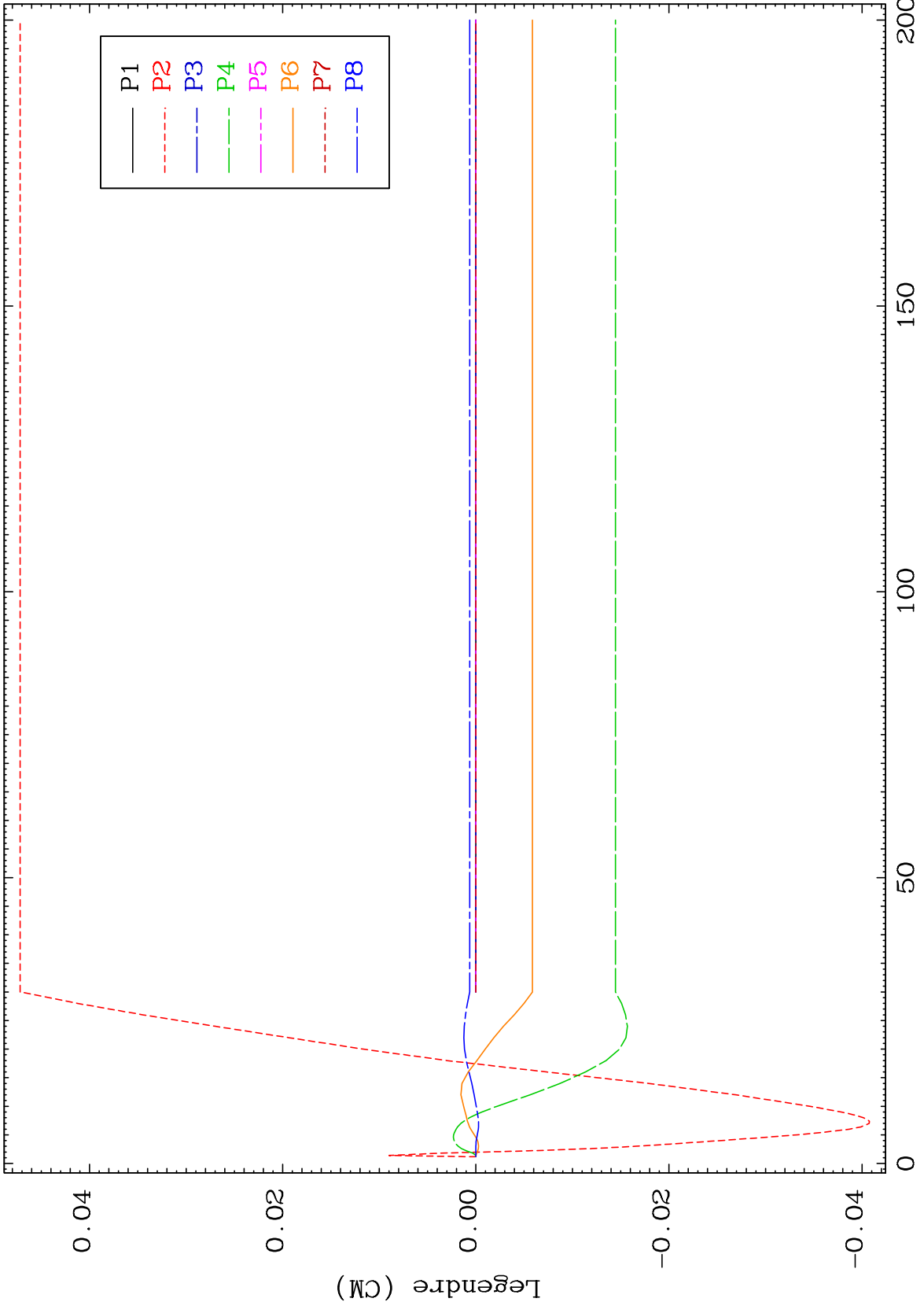
MAT 4704 MT= 66 (n,n') Level 47-Ag-100

Legendre Coefficients



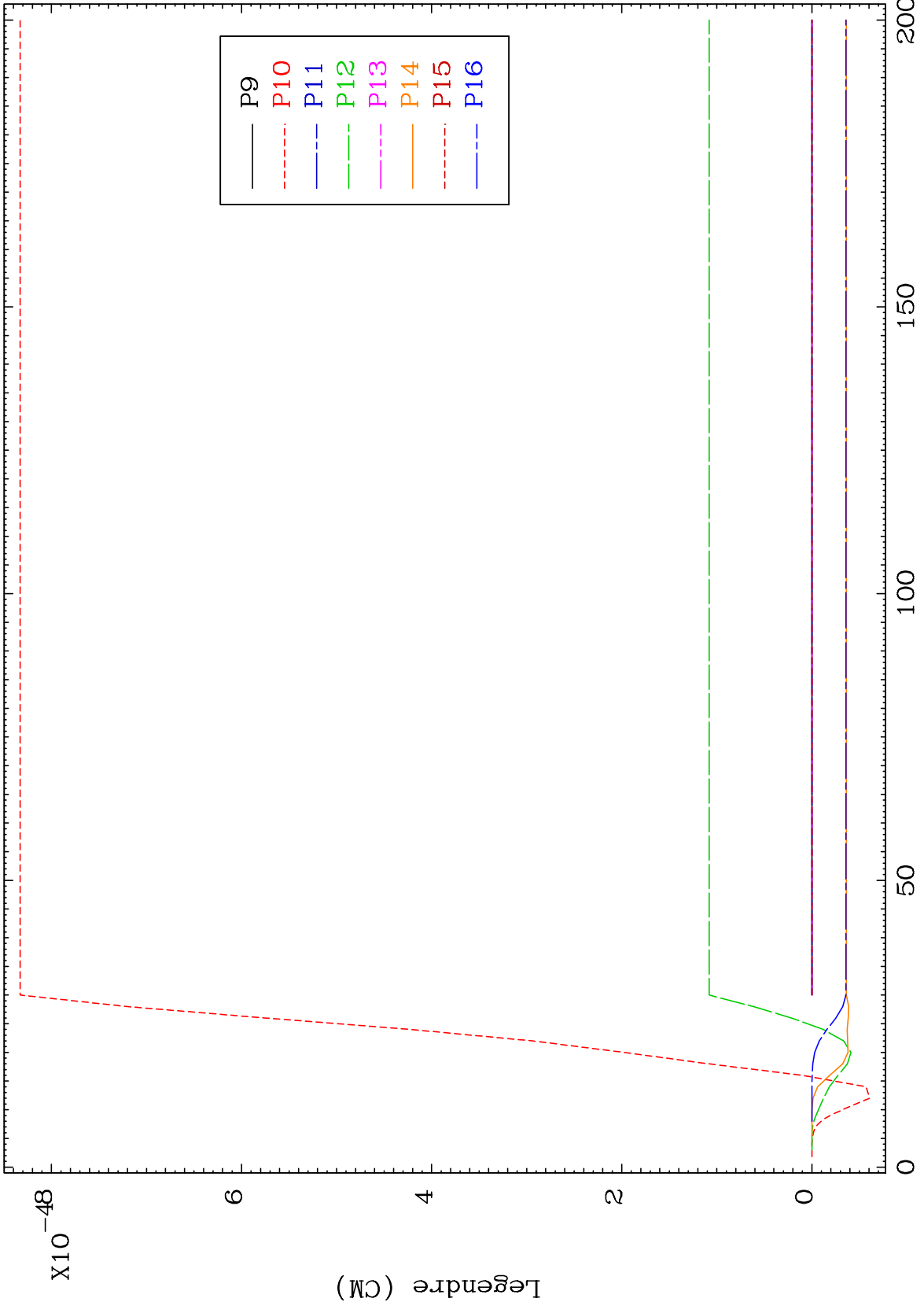
71 47-Ag-100

MAT 4704 MT= 67 (n,n') Level Legendre Coefficients 47-Ag-100



72 47-Ag-100

MAT 4704 MT= 67 (n,n') Level Legendre Coefficients 47-Ag-100

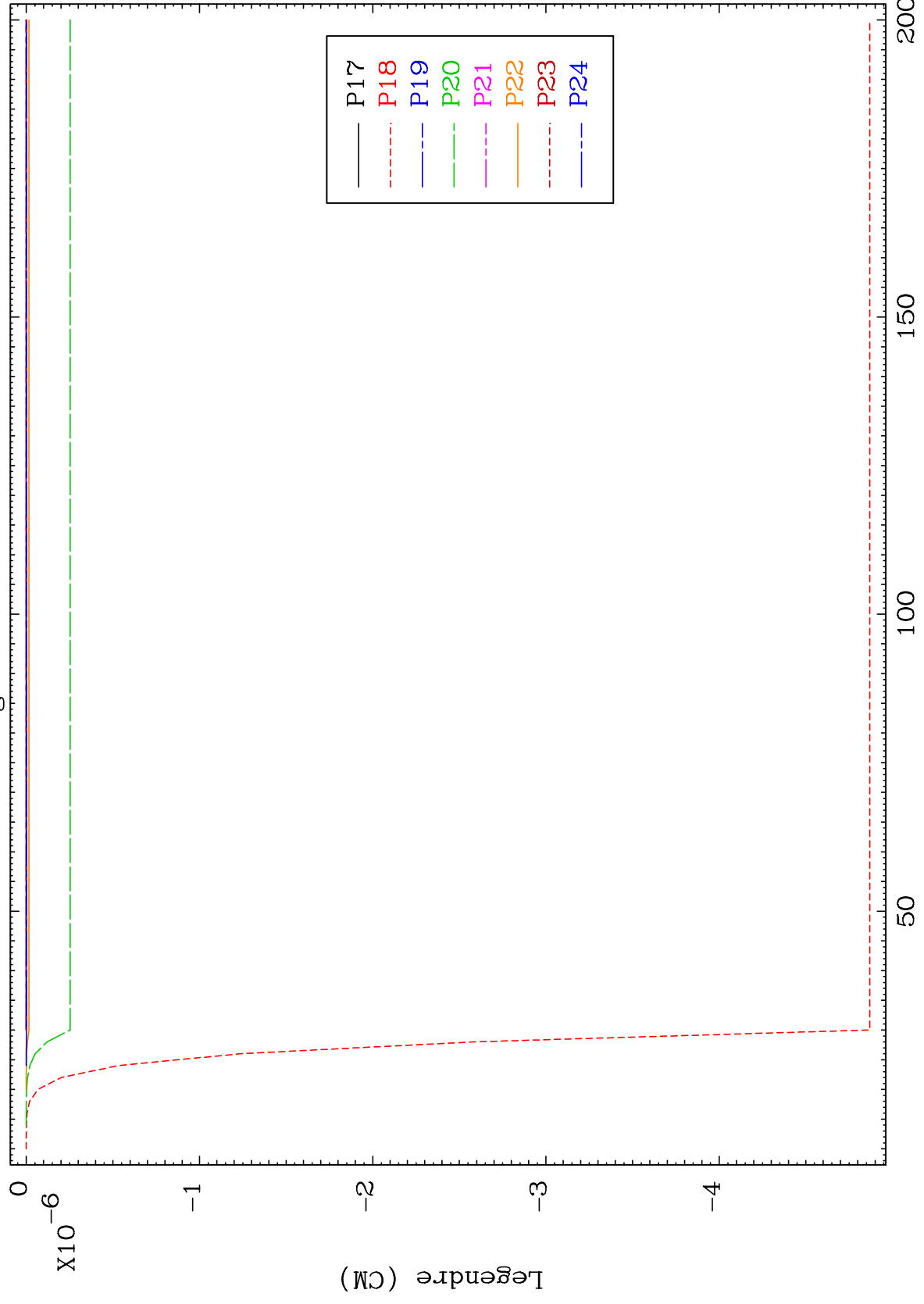


73 47-Ag-100

MAT 4704

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

47-Ag-100

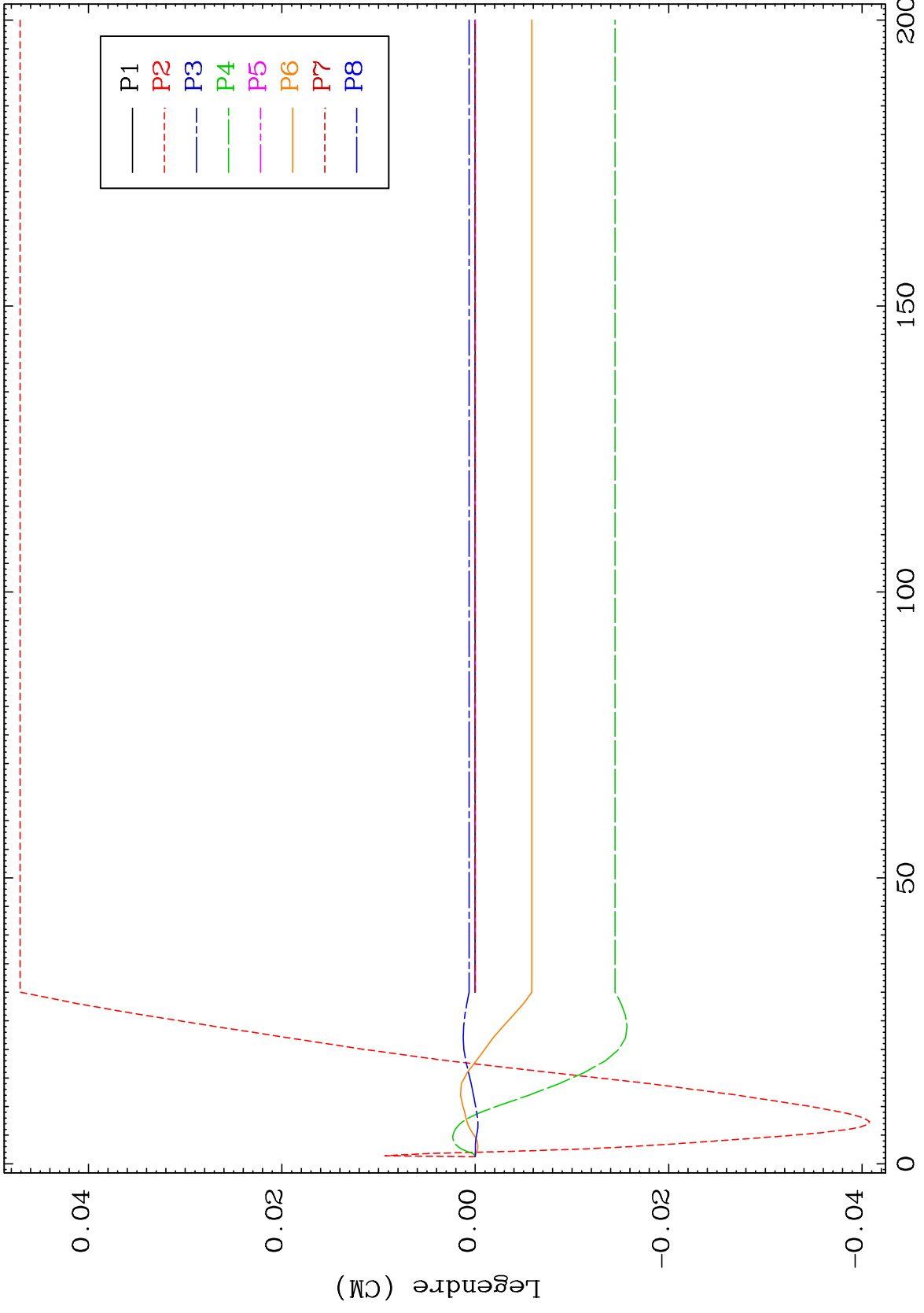


47-Ag-100

Incident Energy (MeV)

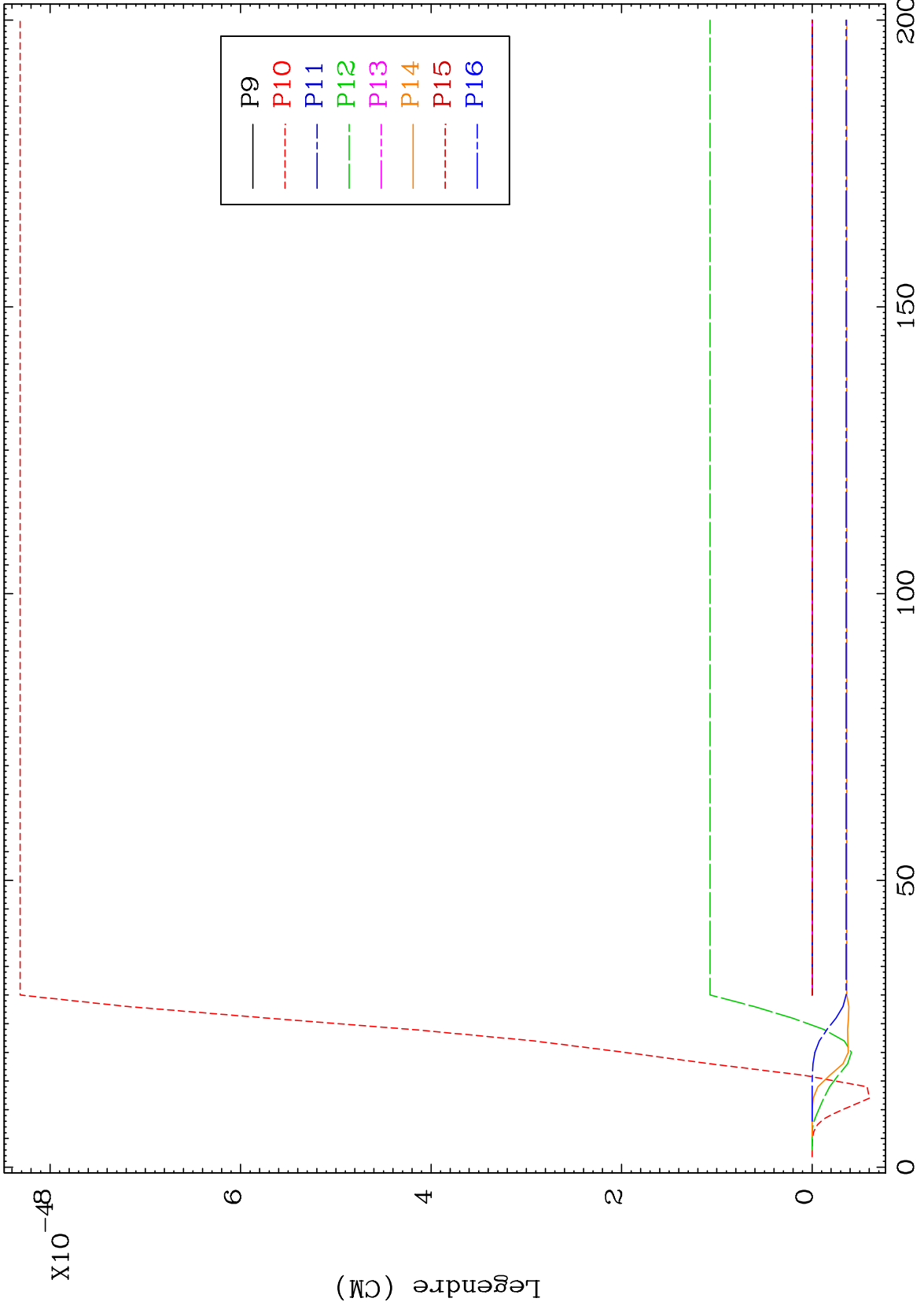
74

MAT 4704 MT= 68 (n,n') Level Legendre Coefficients 47-Ag-100



75 Incident Energy (MeV) 47-Ag-100

MAT 4704 MT= 68 (n,n') Level Legendre Coefficients 47-Ag-100

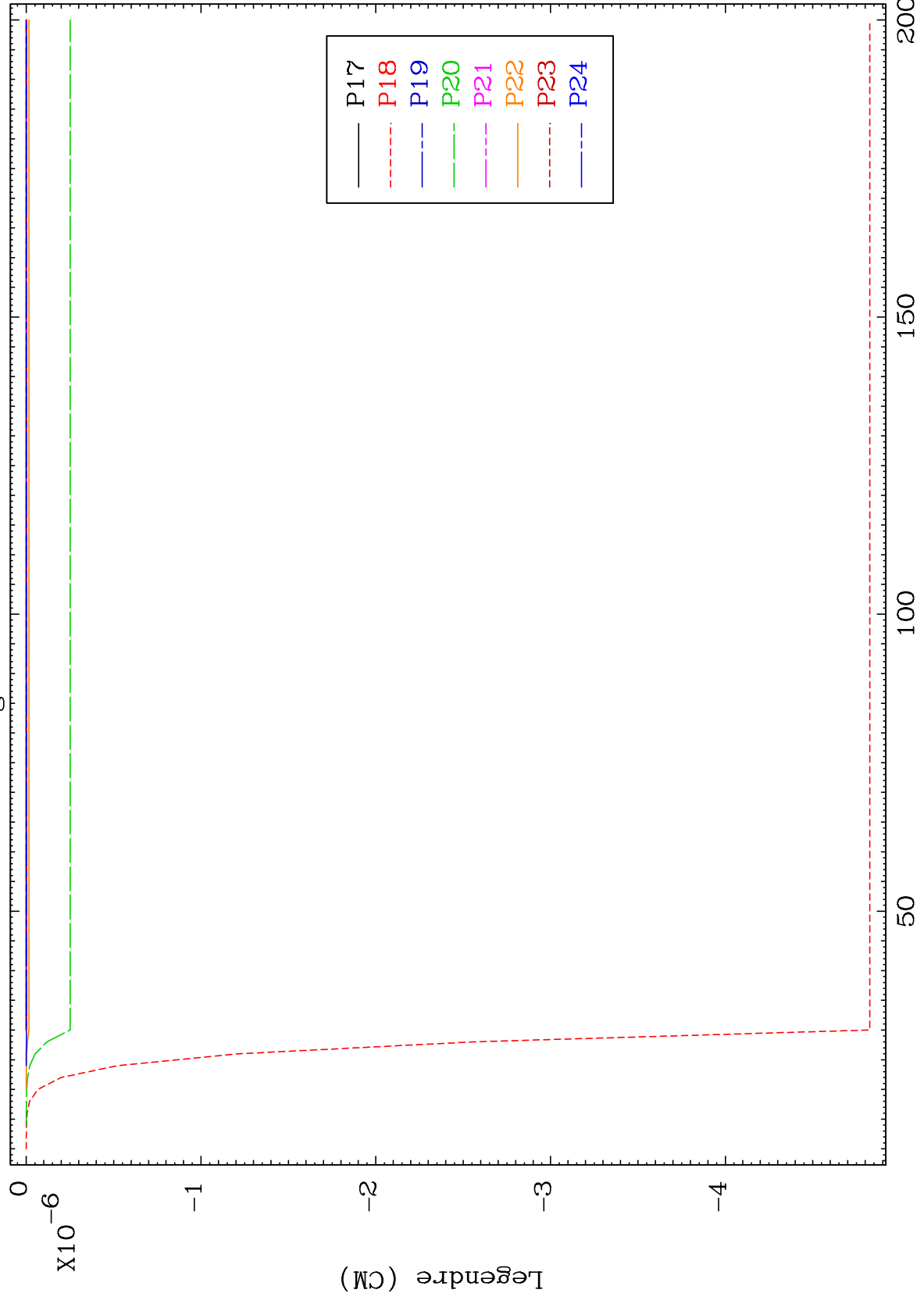


76 Incident Energy (MeV) 47-Ag-100

MAT 4704

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

47-Ag-100

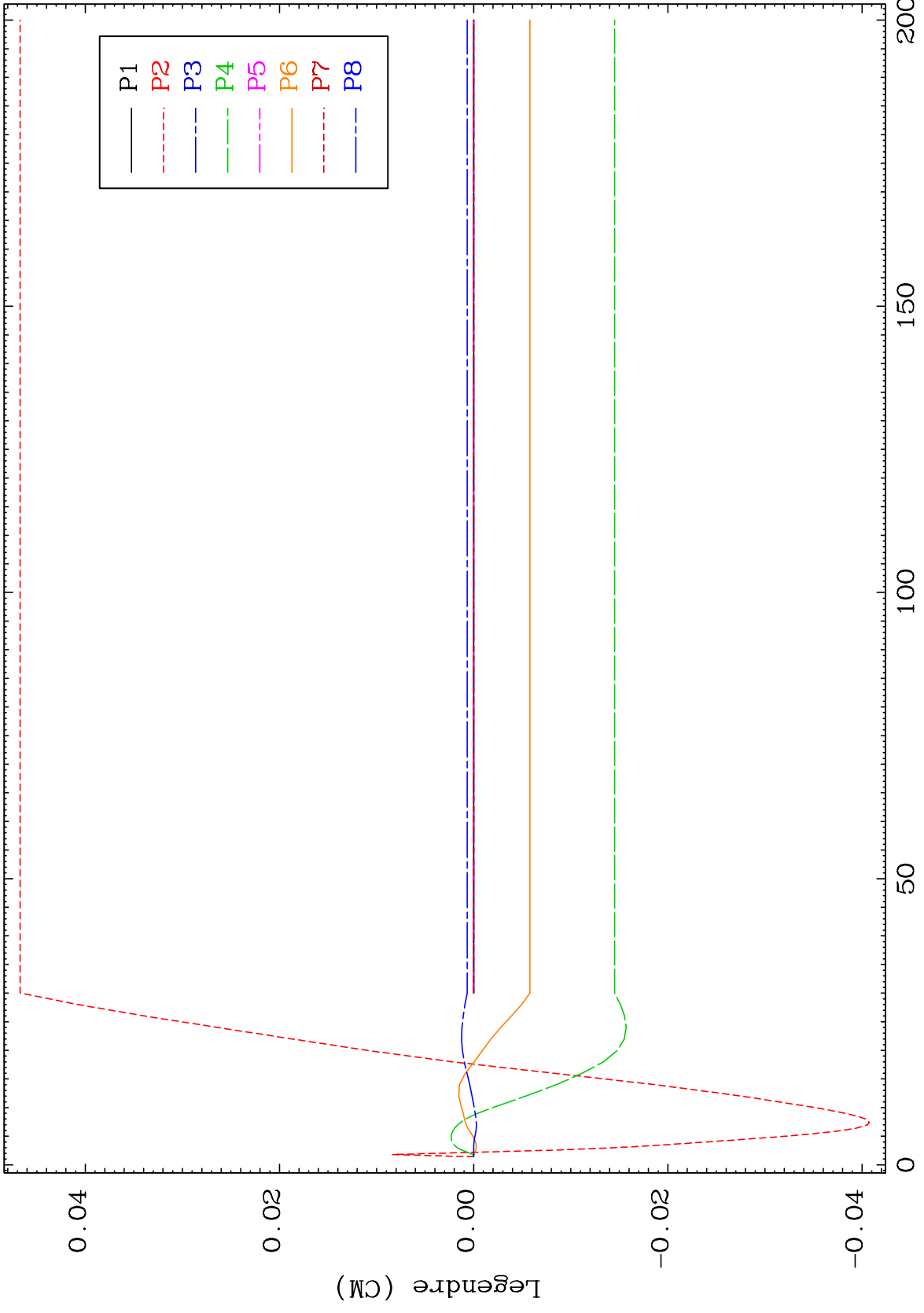


47-Ag-100

Incident Energy (MeV)

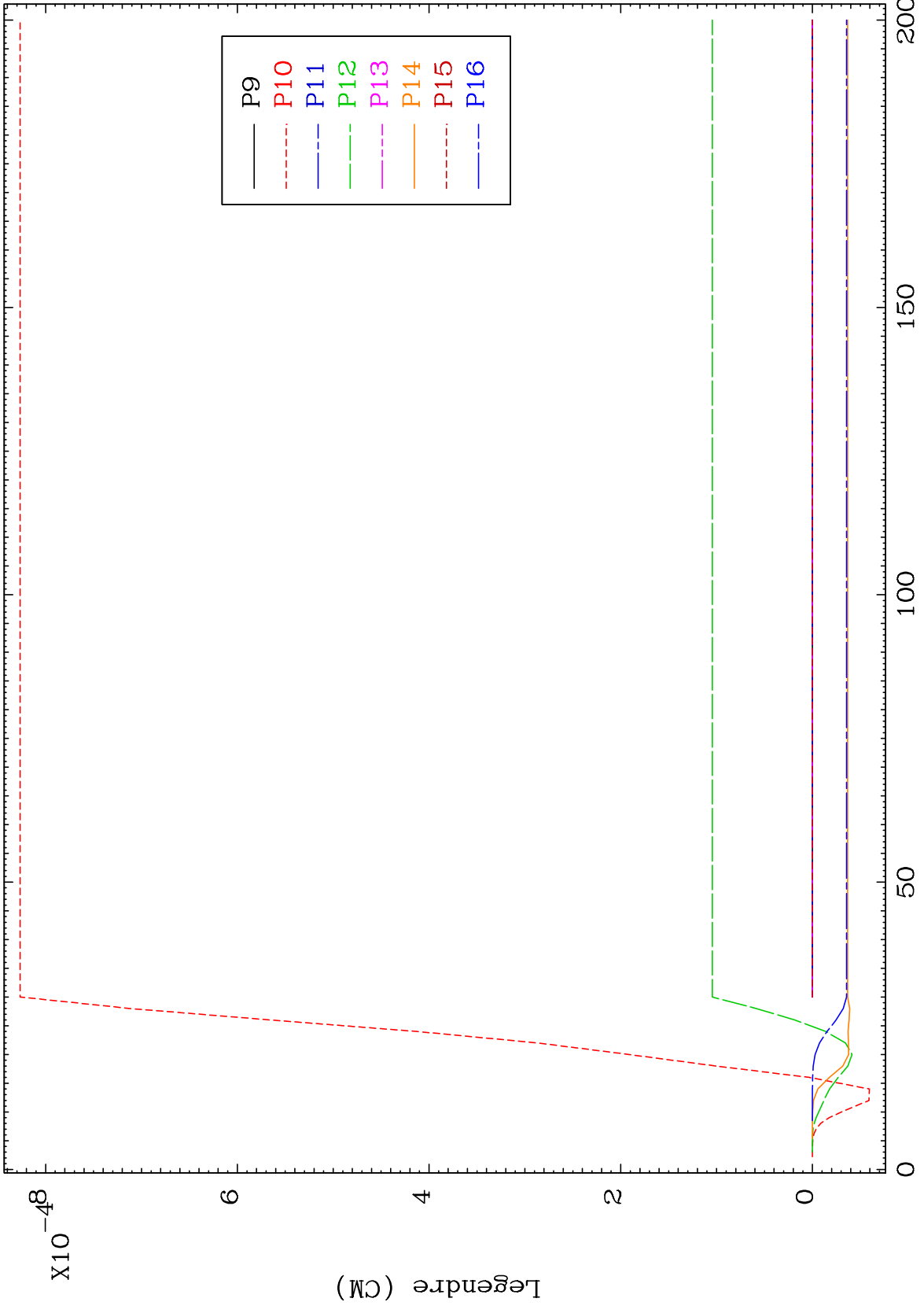
77

MAT 4704 MT= 69 (n,n') Level Legendre Coefficients 47-Ag-100



78 47-Ag-100

MAT 4704 MT= 69 (n,n') Level Legendre Coefficients 47-Ag-100

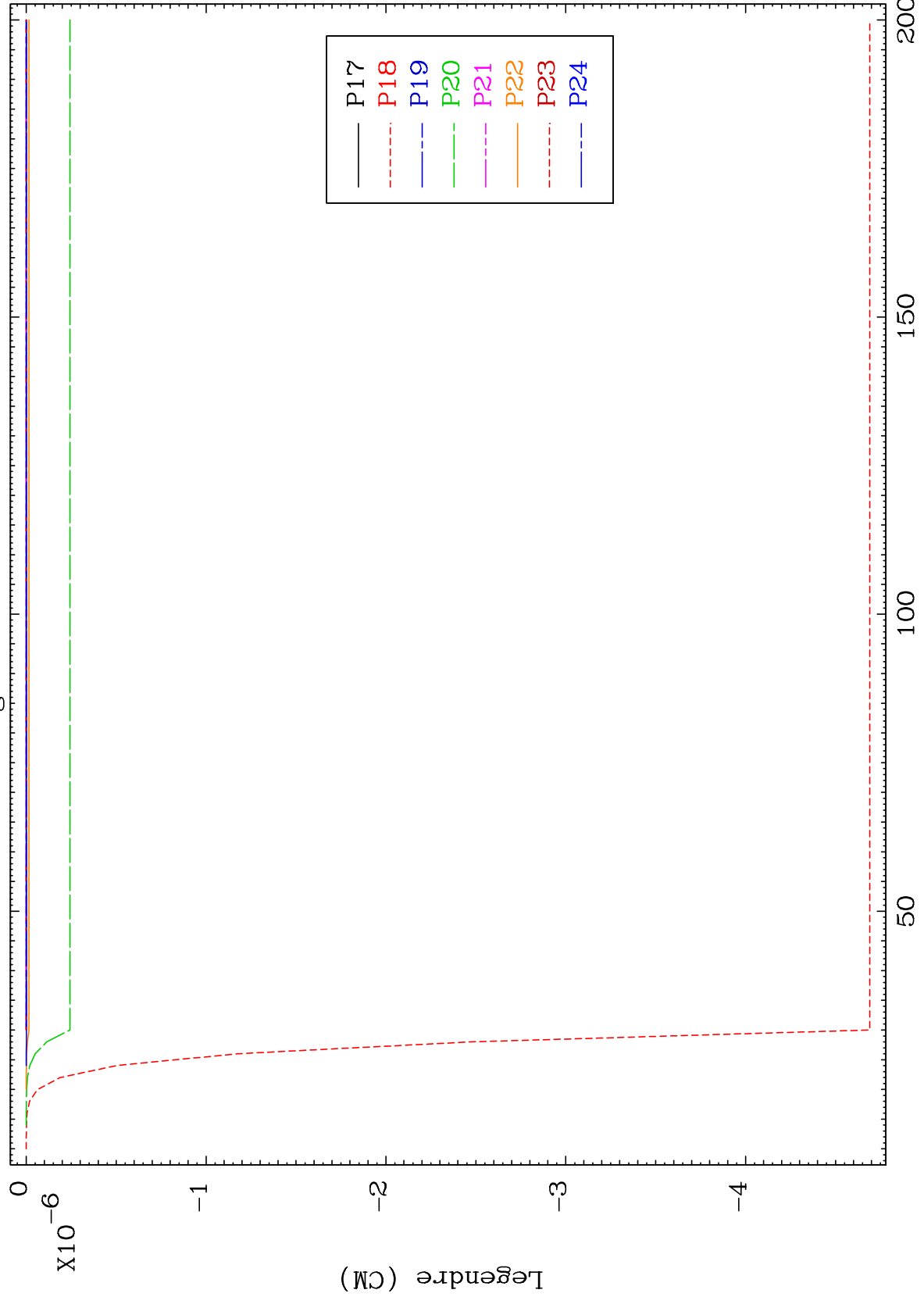


79 47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

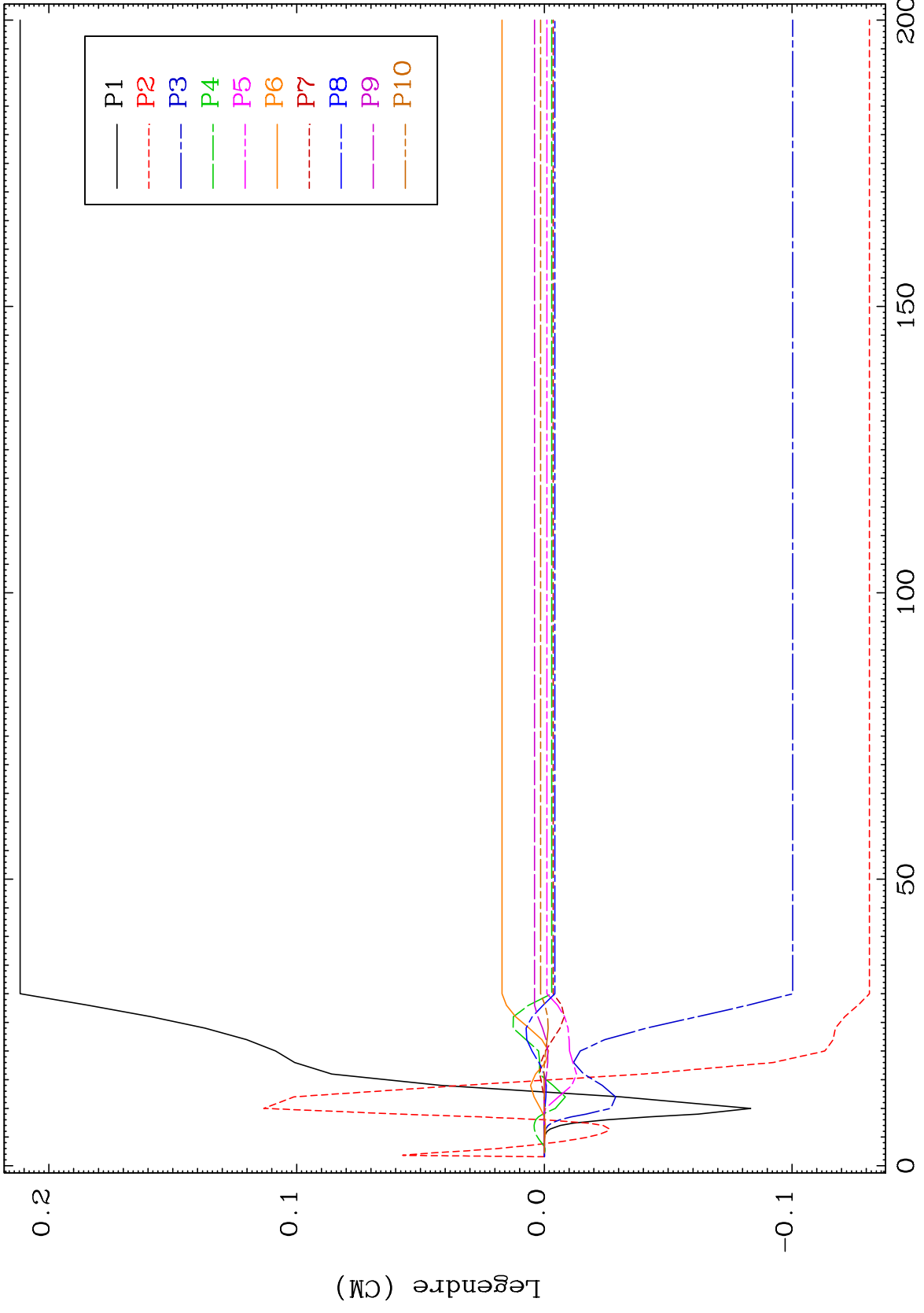
Incident Energy (MeV)

80

MAT 4704

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

47-Ag-100



81

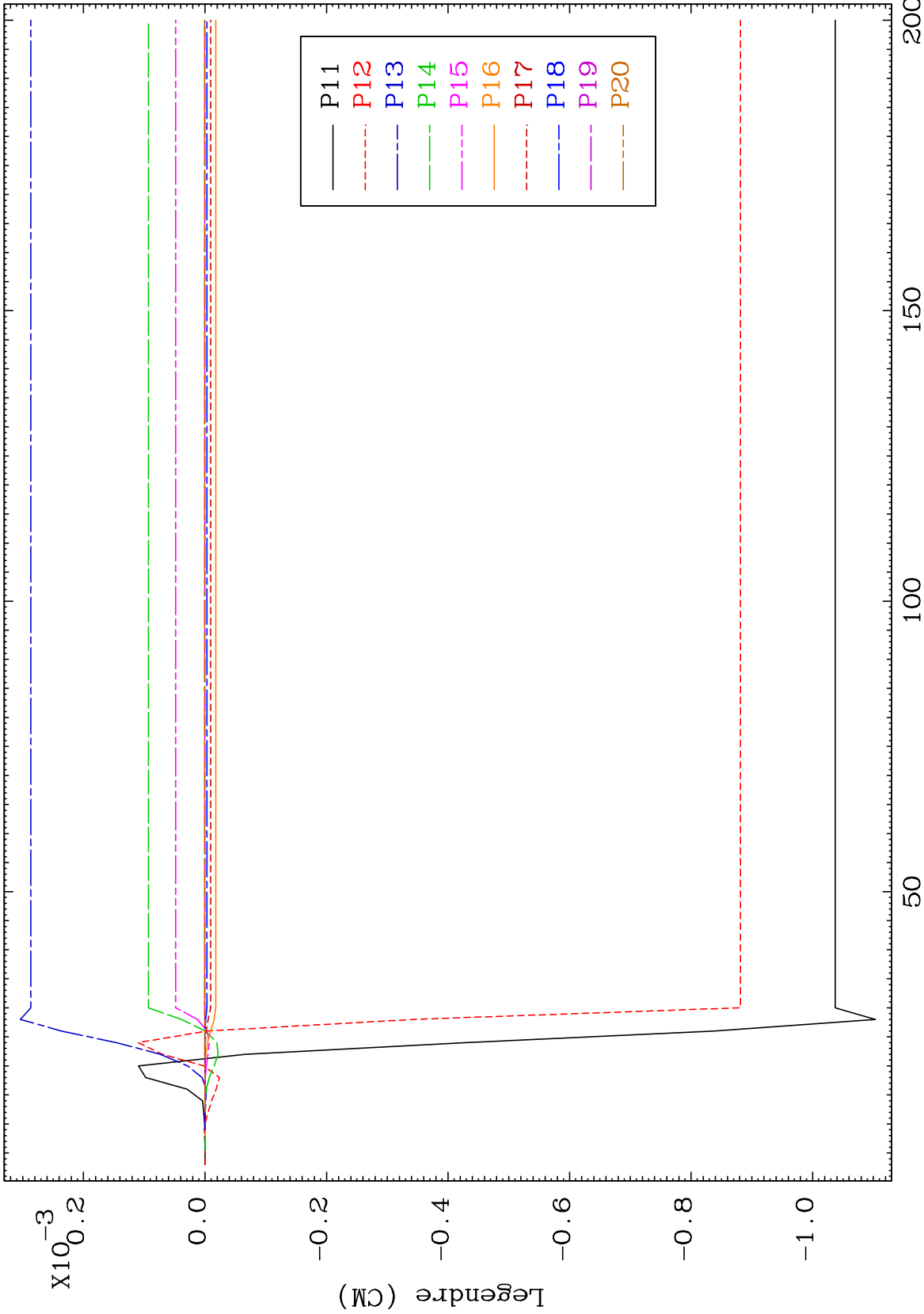
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



82

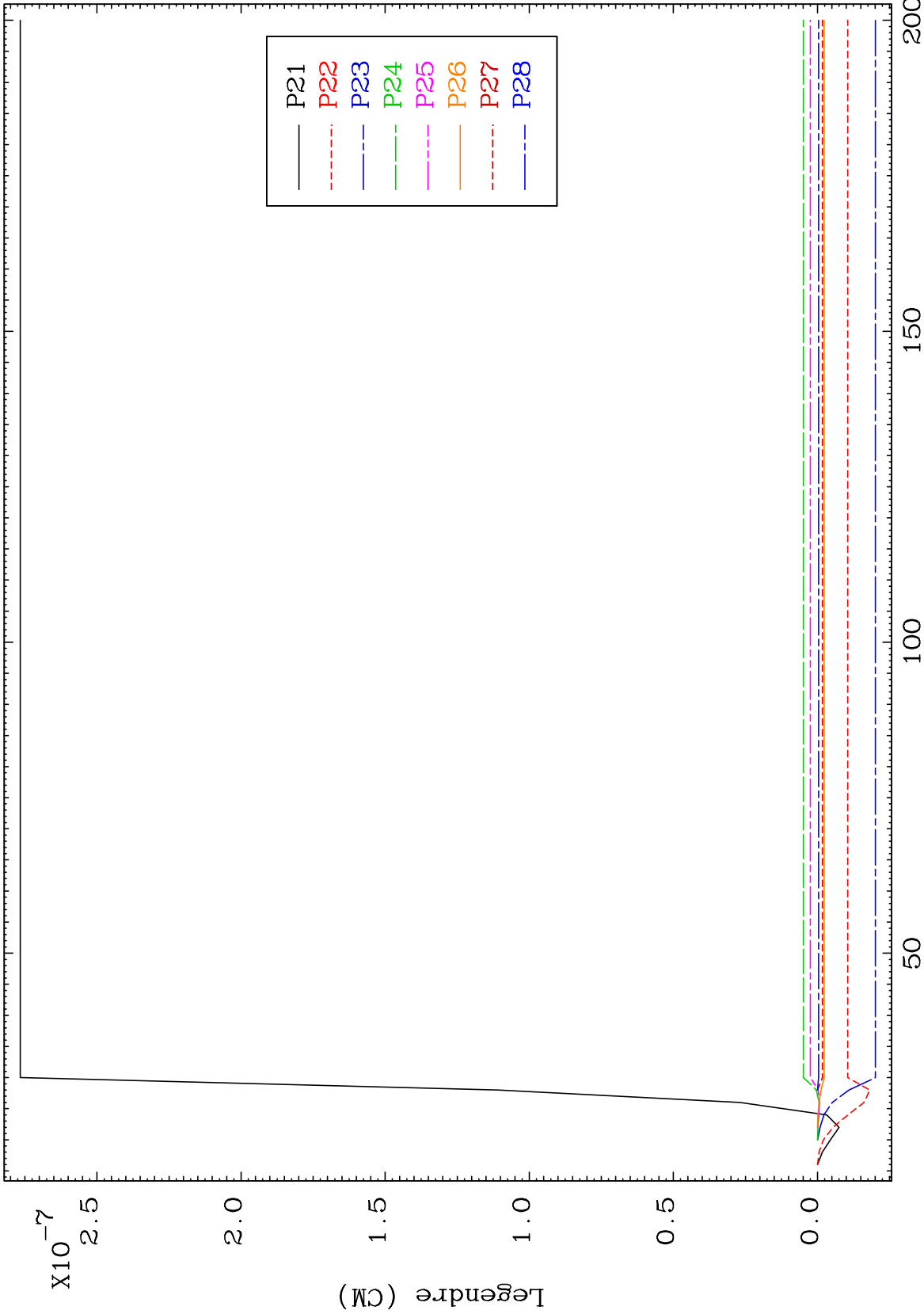
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100

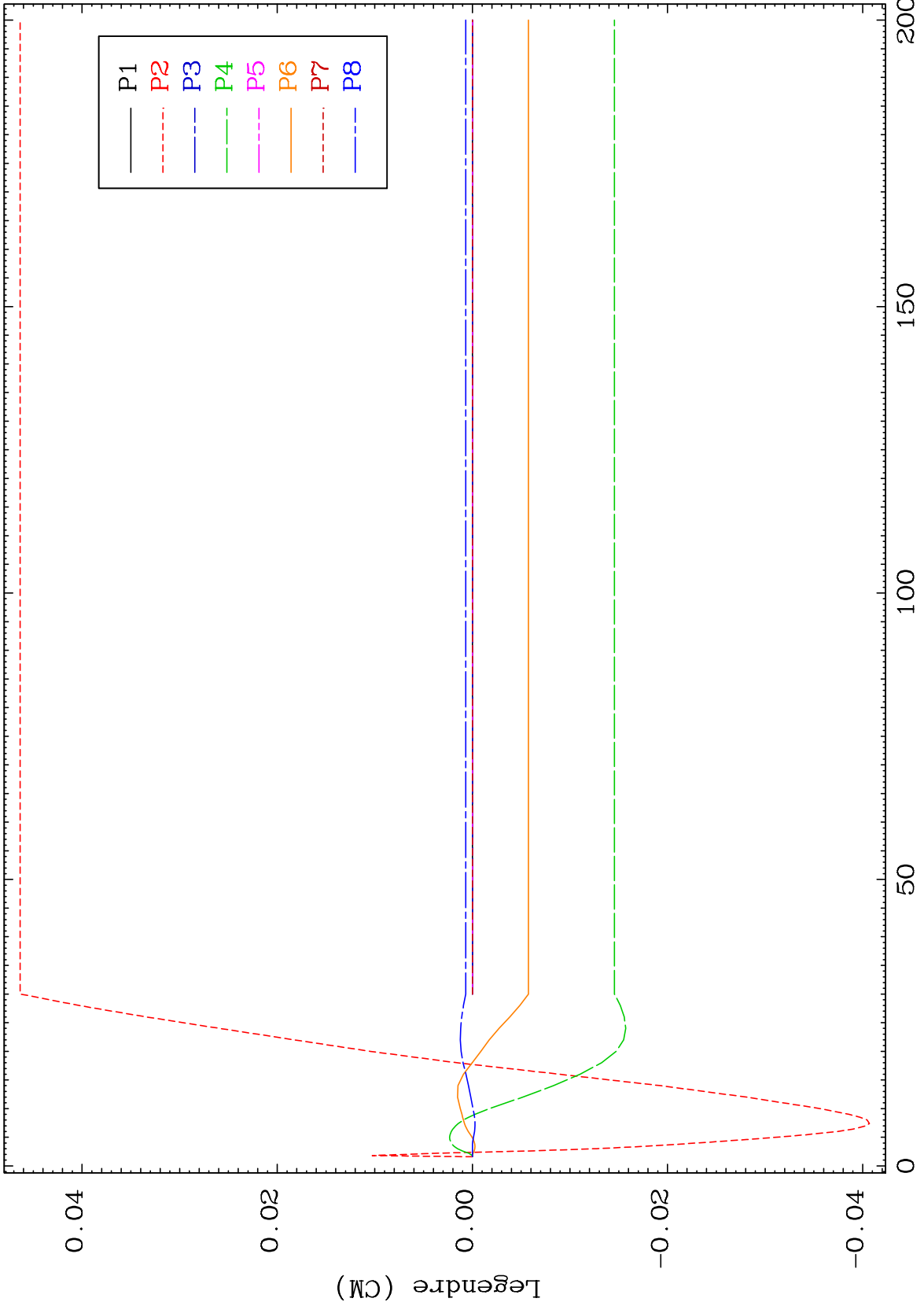


83

Incident Energy (MeV)

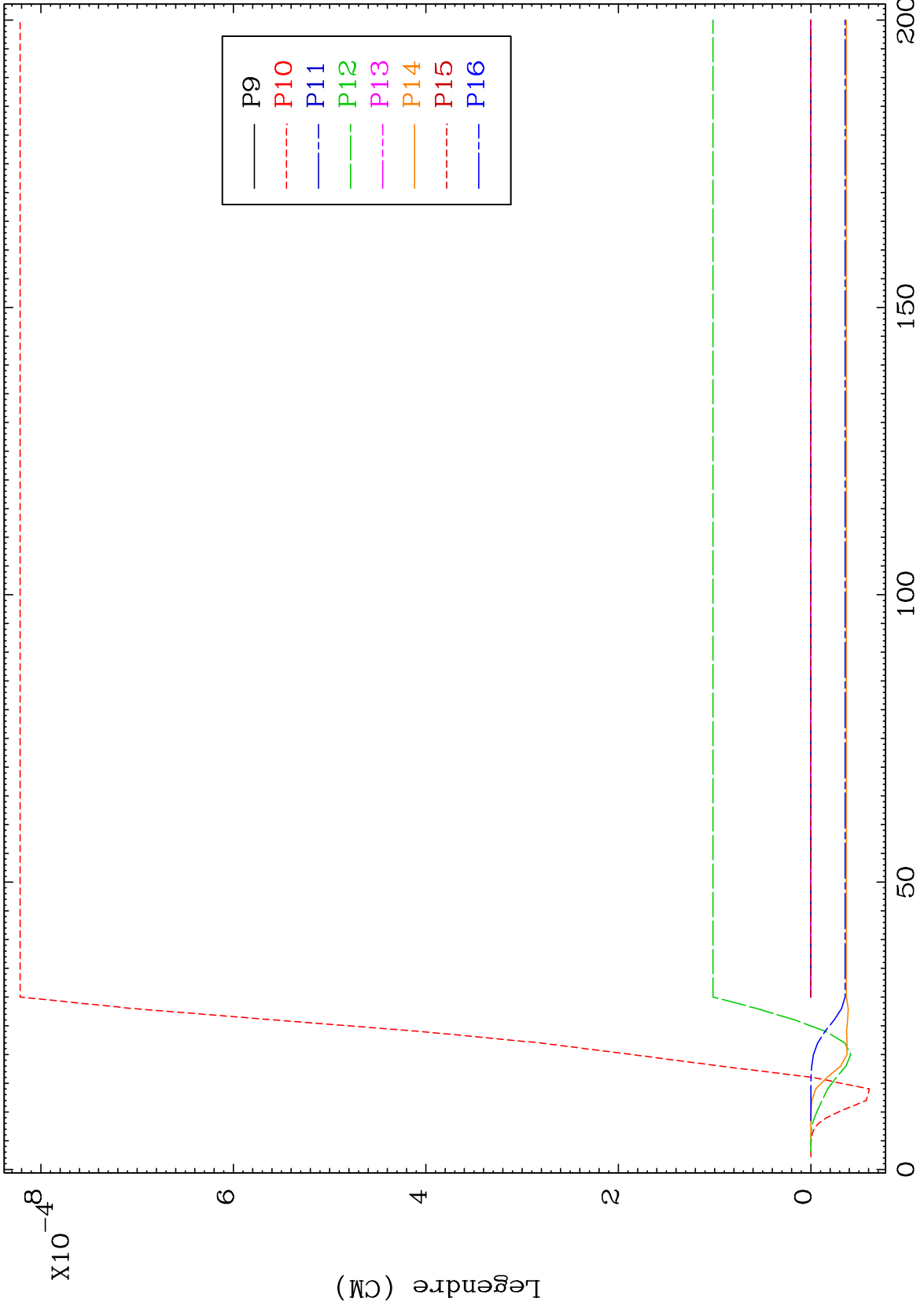
47-Ag-100

MAT 4704 MT= 71 (n,n') Level Legendre Coefficients 47-Ag-100



84 47-Ag-100

MAT 4704 MT= 71 (n,n') Level Legendre Coefficients 47-Ag-100

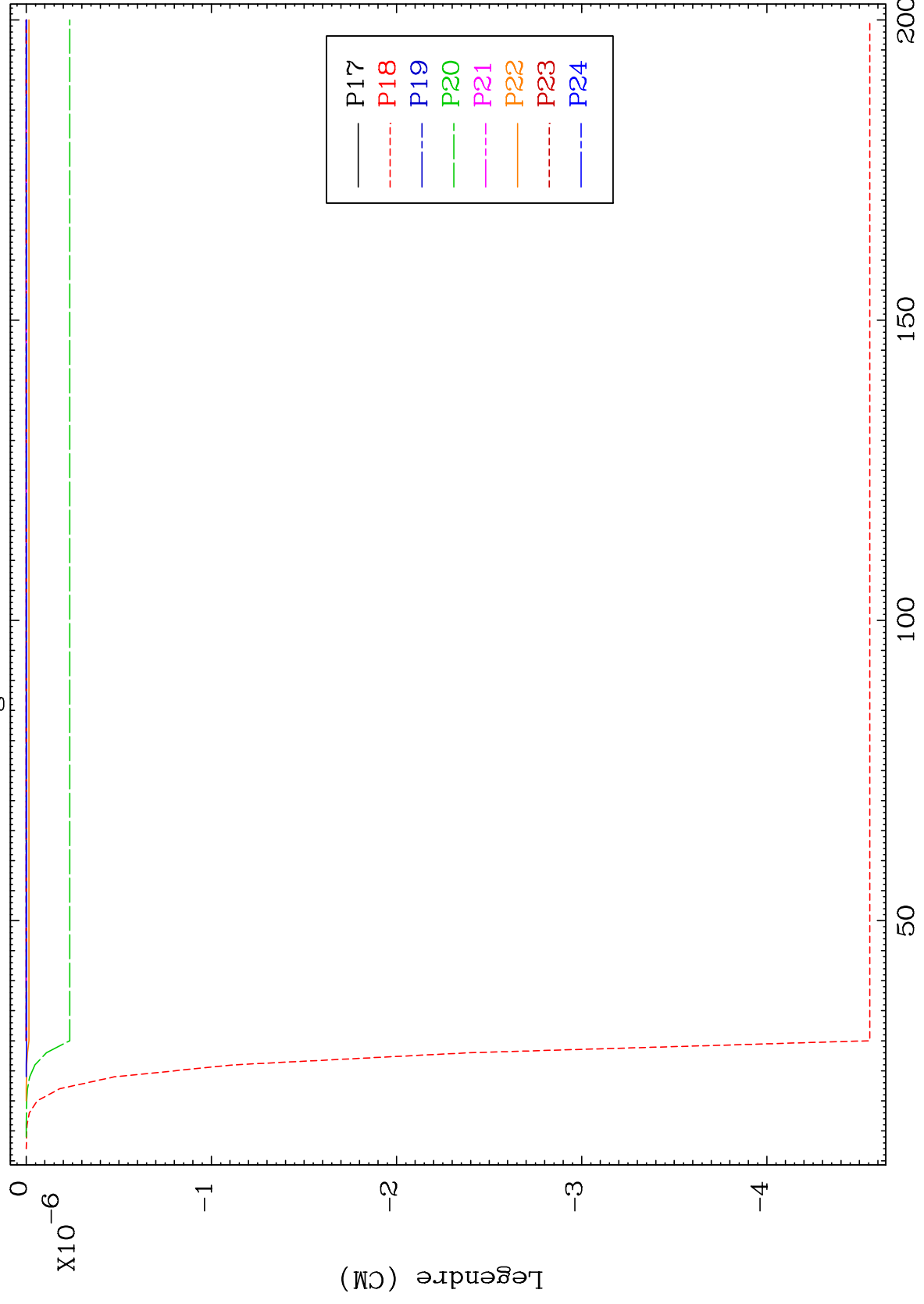


85 Incident Energy (MeV) 47-Ag-100

MAT 4704

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

47-Ag-100



47-Ag-100

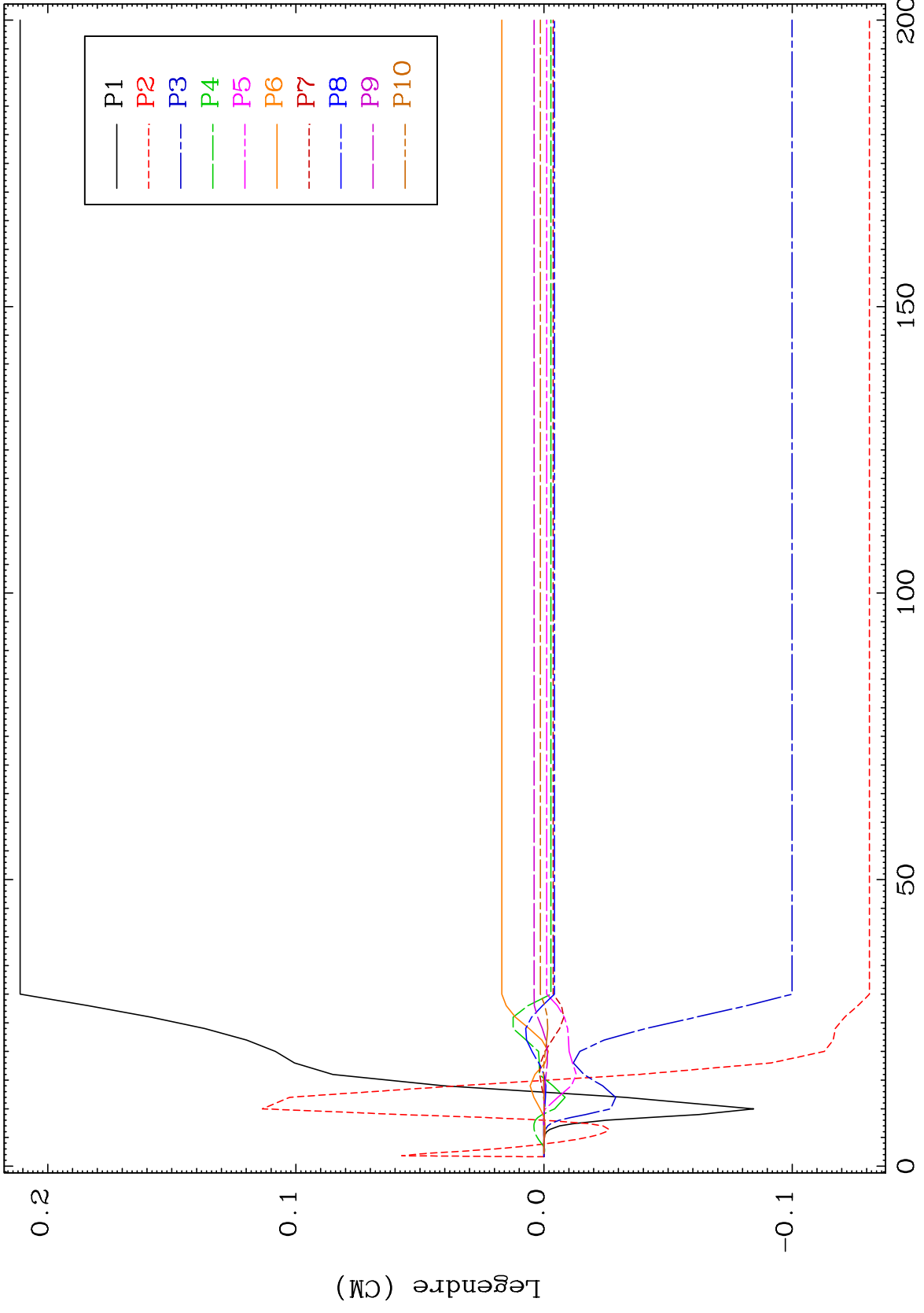
Incident Energy (MeV)

86

MAT 4704

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

47-Ag-100



87

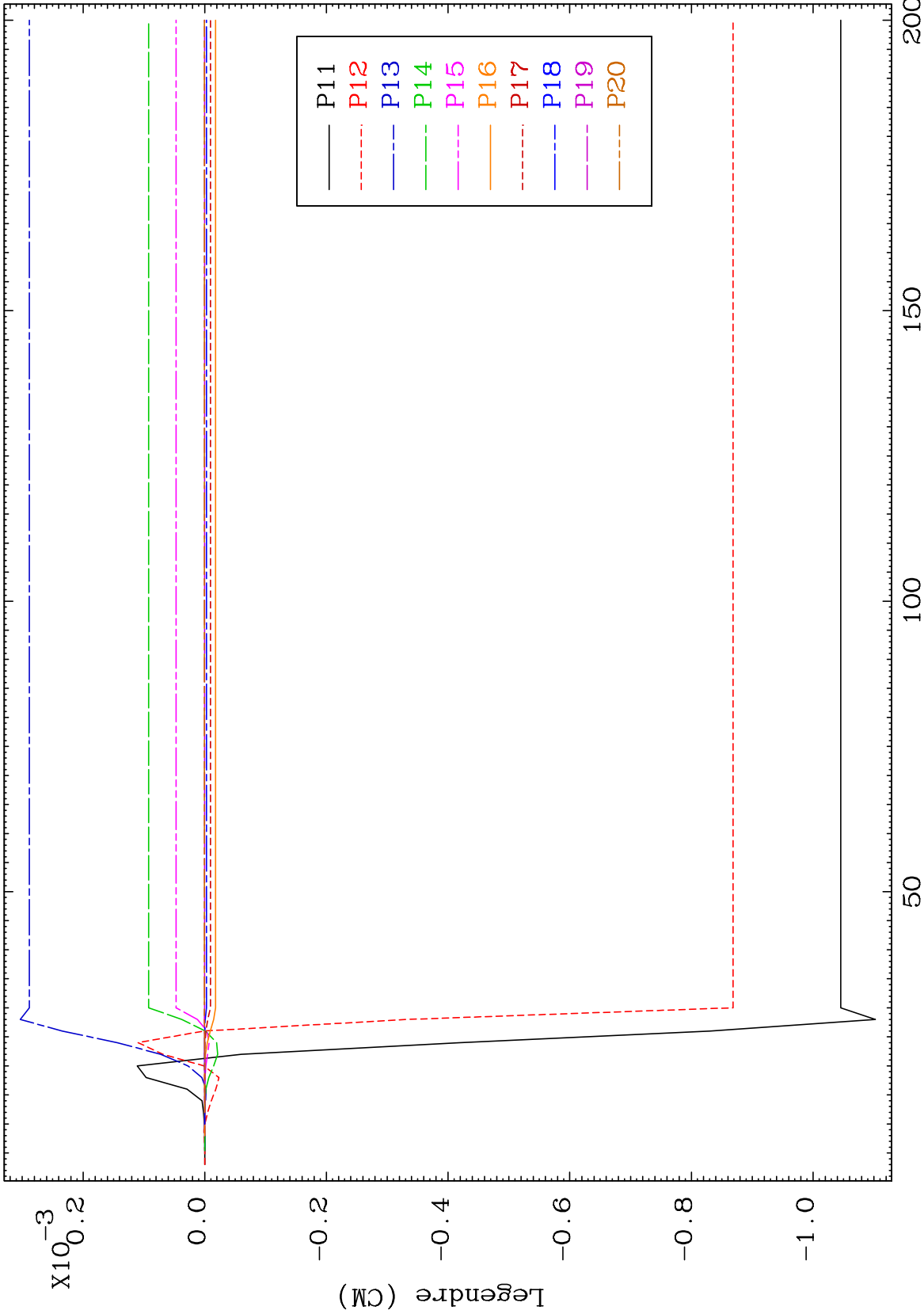
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

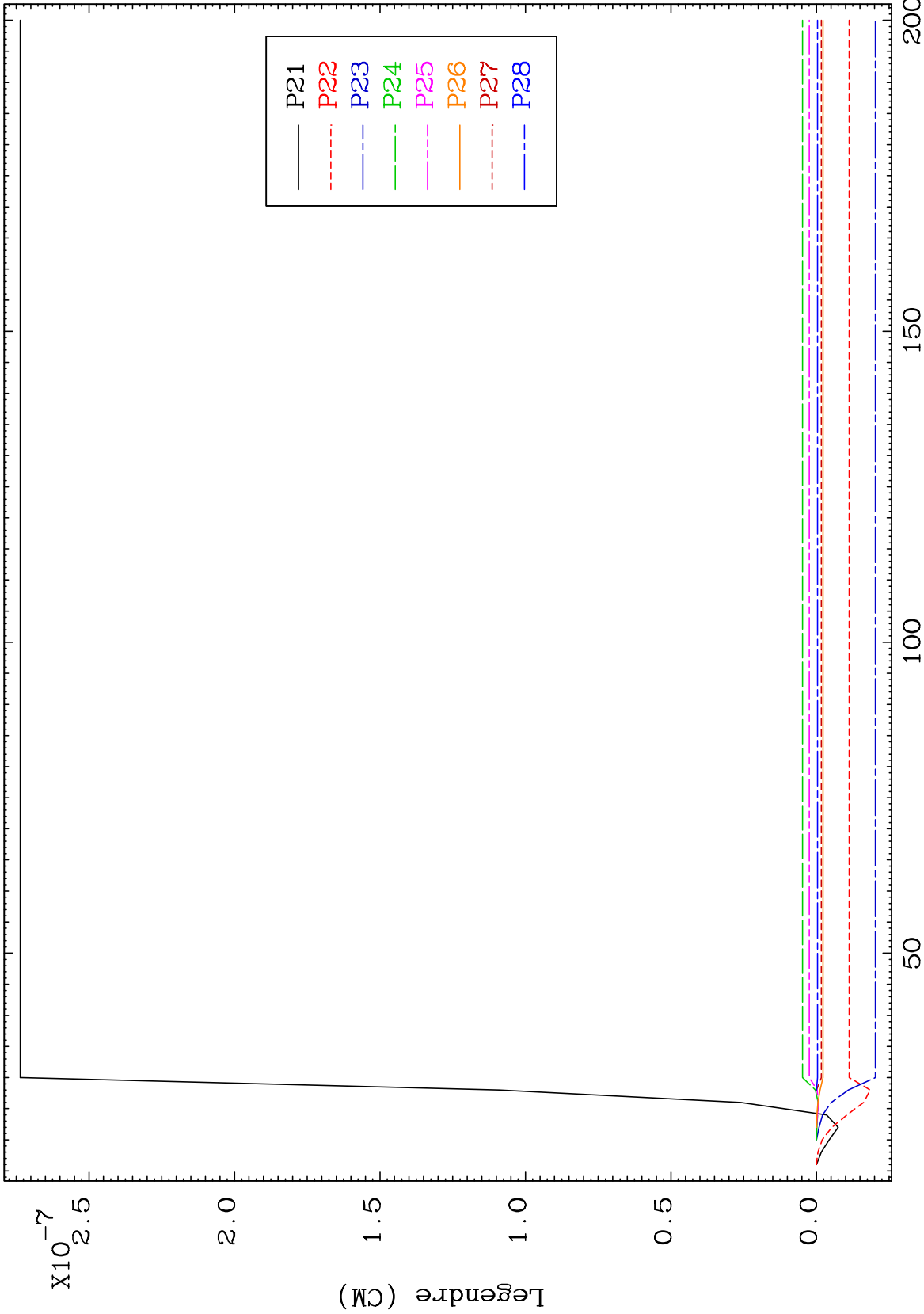
47-Ag-100



MAT 4704

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

47-Ag-100



89

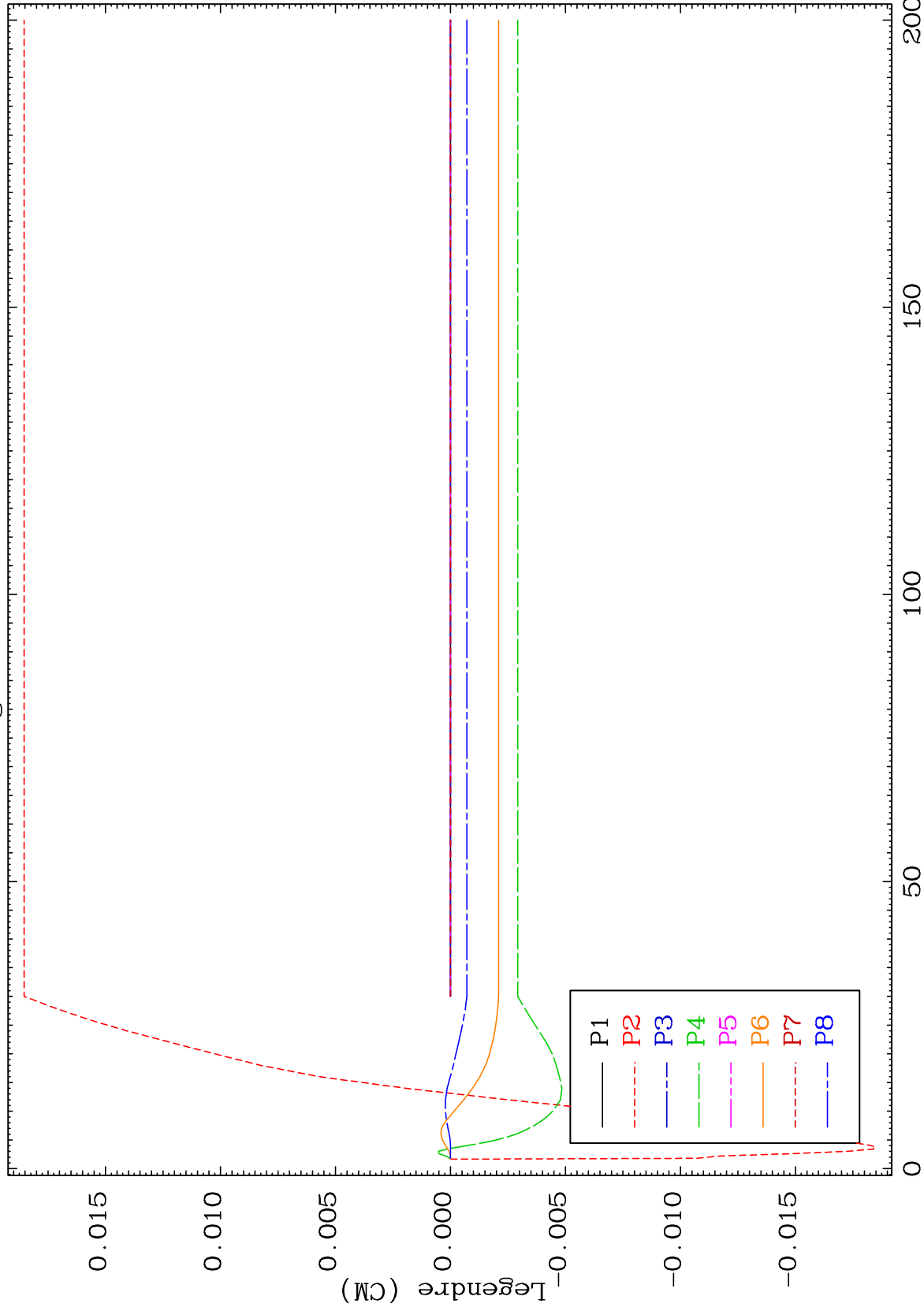
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



90

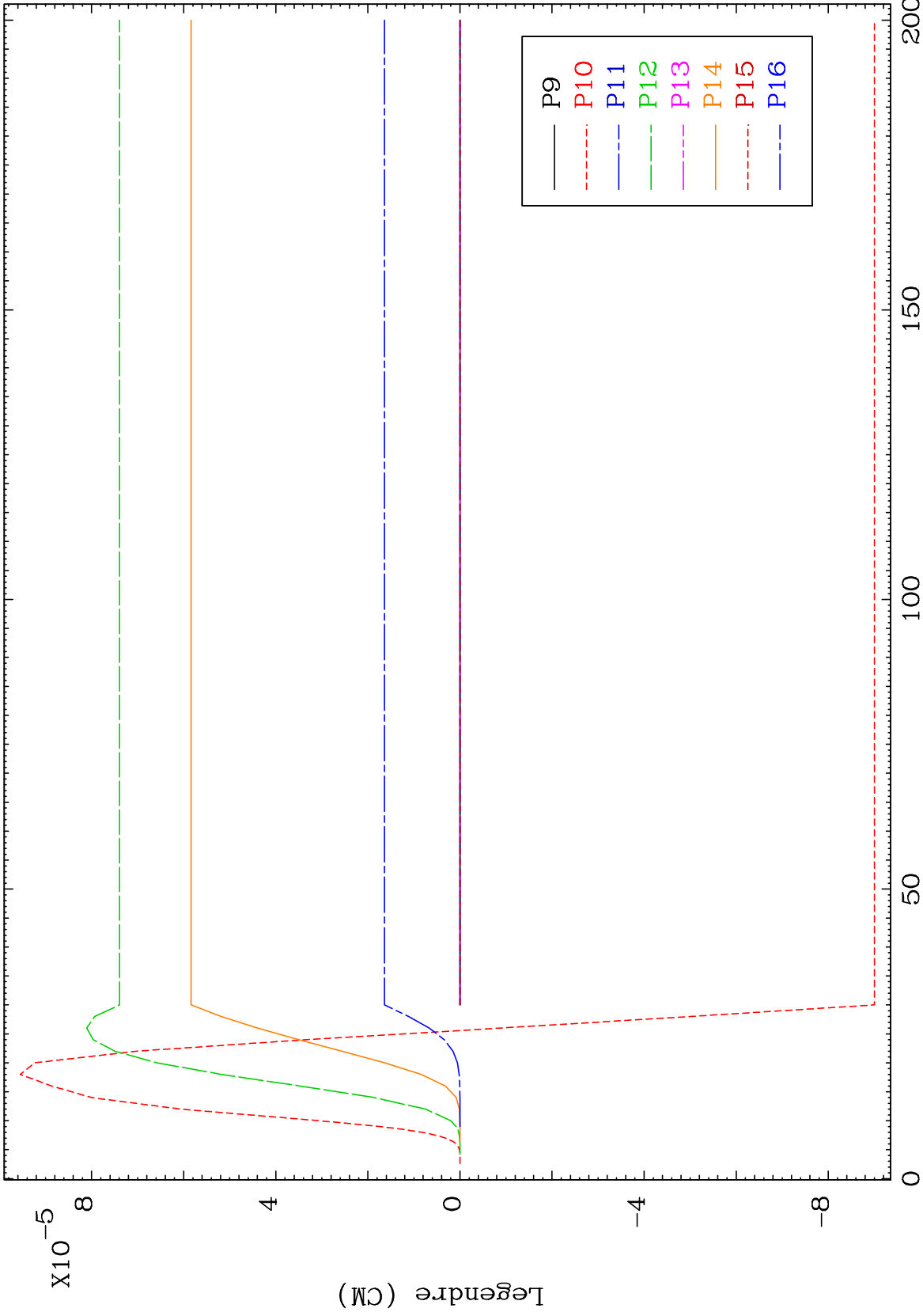
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



91

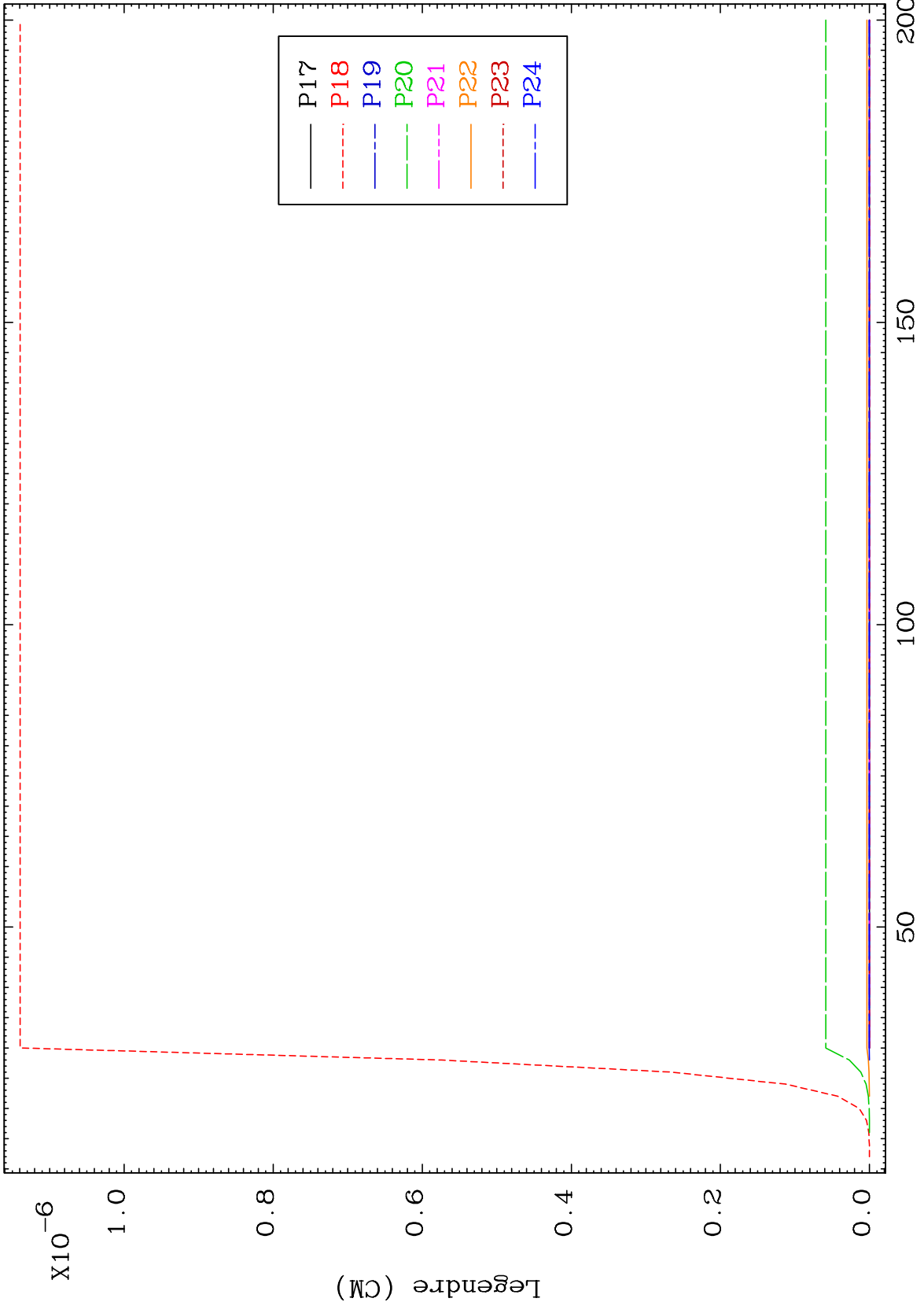
Incident Energy (MeV)

47-Ag-100

MAT 4704

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

47-Ag-100



92

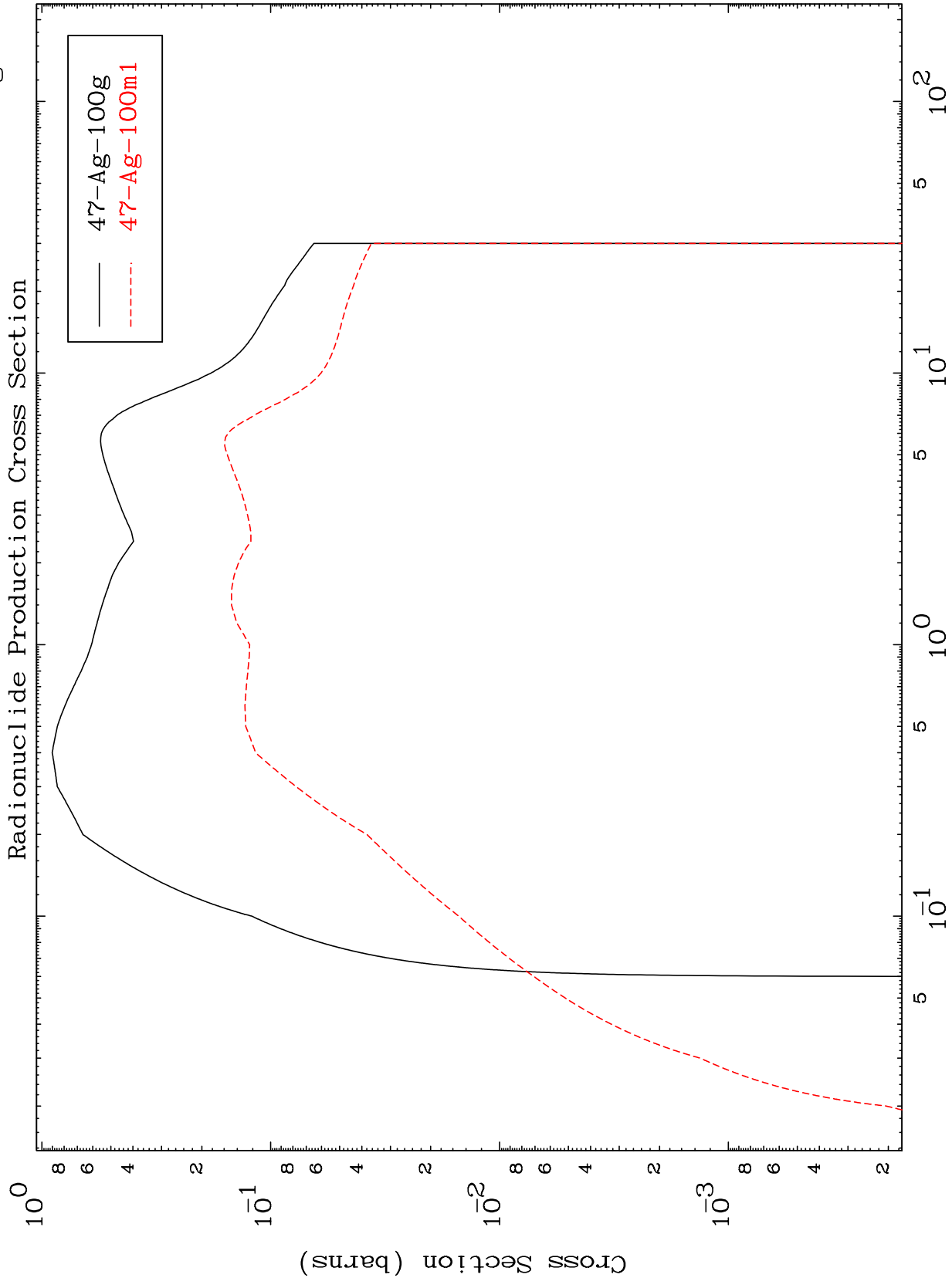
Incident Energy (MeV)

47-Ag-100

MAT 4704

47-Ag-100

Inelastic Radionuclide Production Cross Section



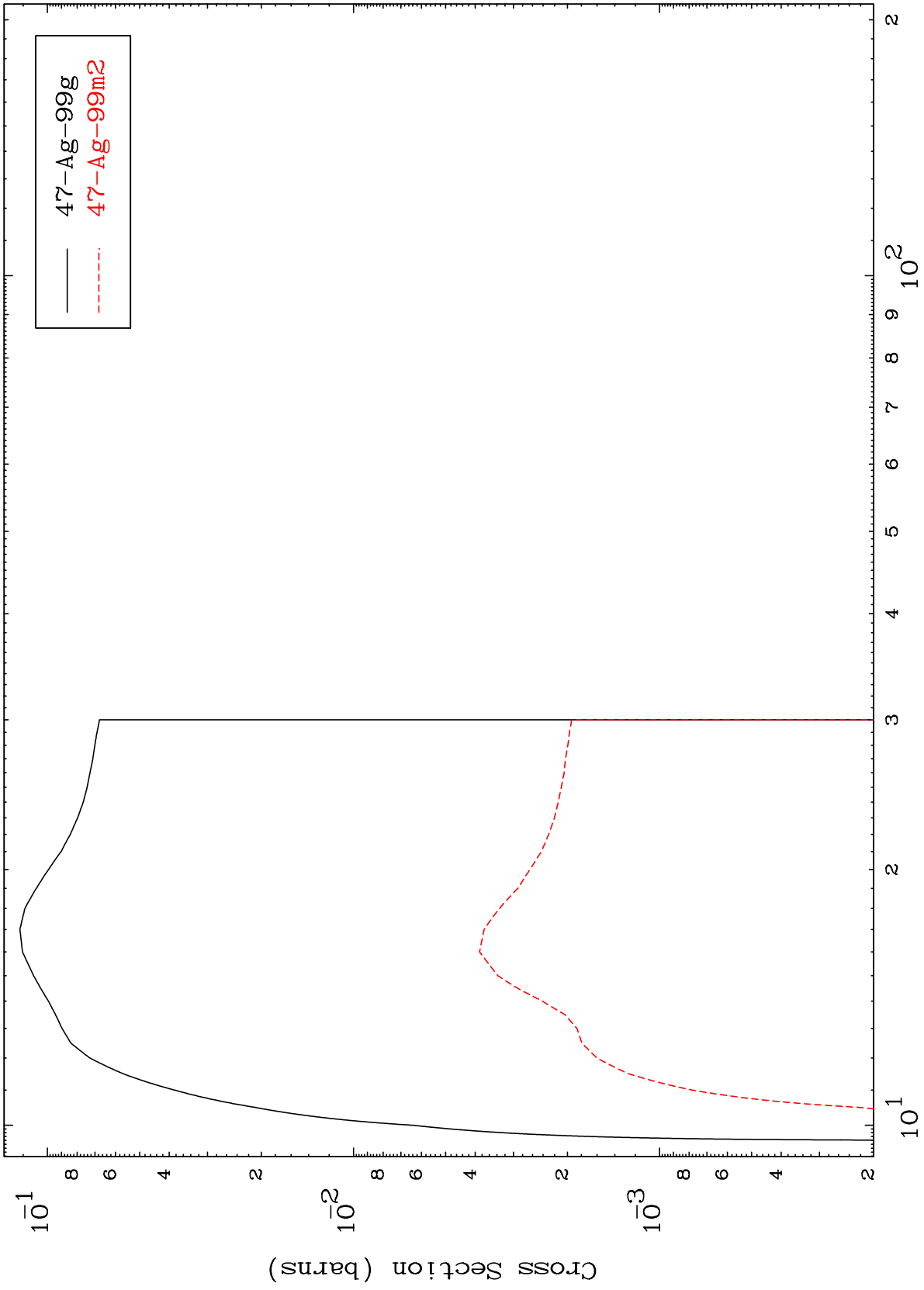
93

47-Ag-100

MAT 4704

47-Ag-100

(n,2n)
Radionuclide Production Cross Section



94

Incident Energy (MeV)

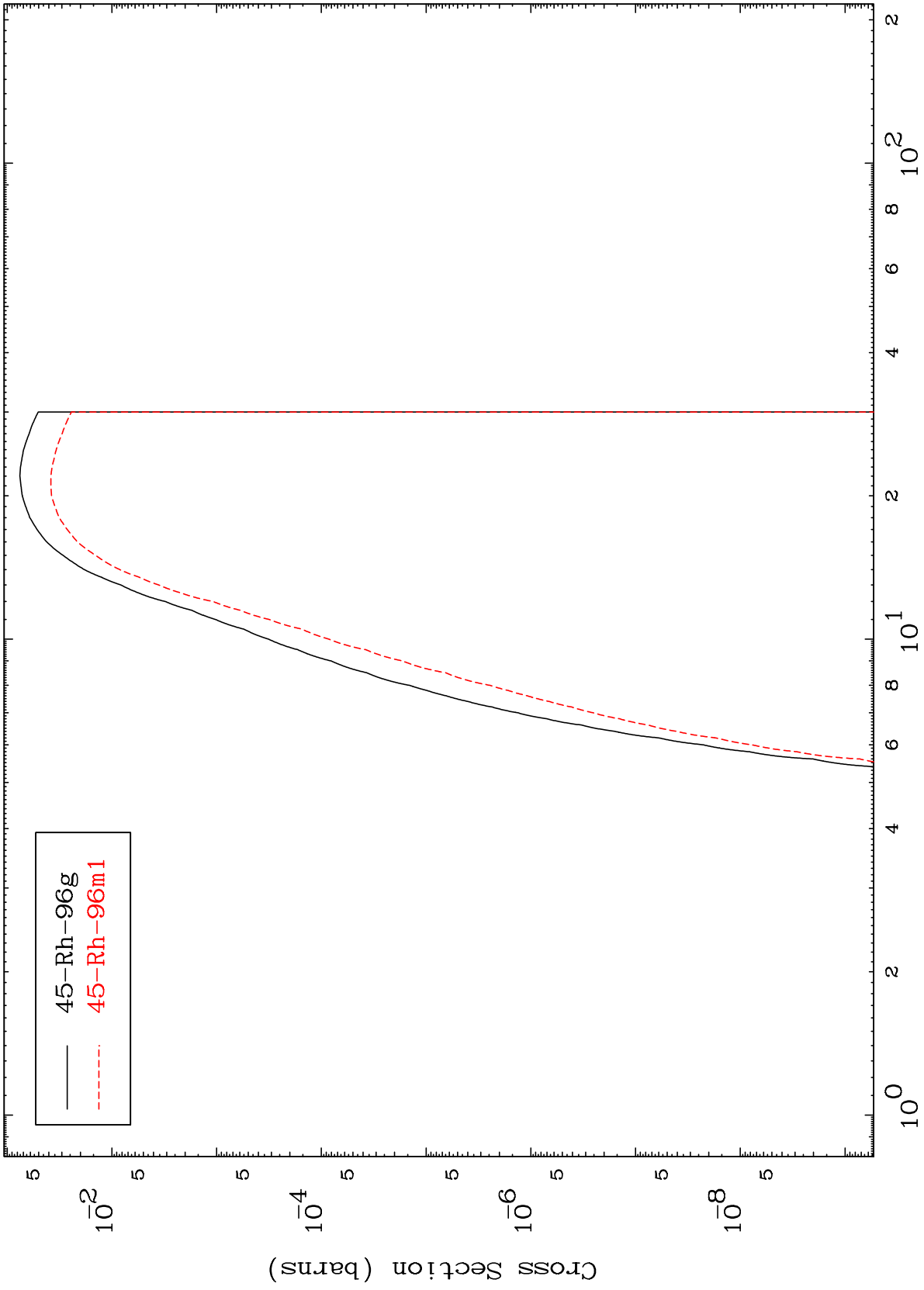
47-Ag-100

MAT 4704

(n,n') α

47-Ag-100

Radionuclide Production Cross Section



— 45-Rh-96g
- - - 45-Rh-96m1

95

Incident Energy (MeV)

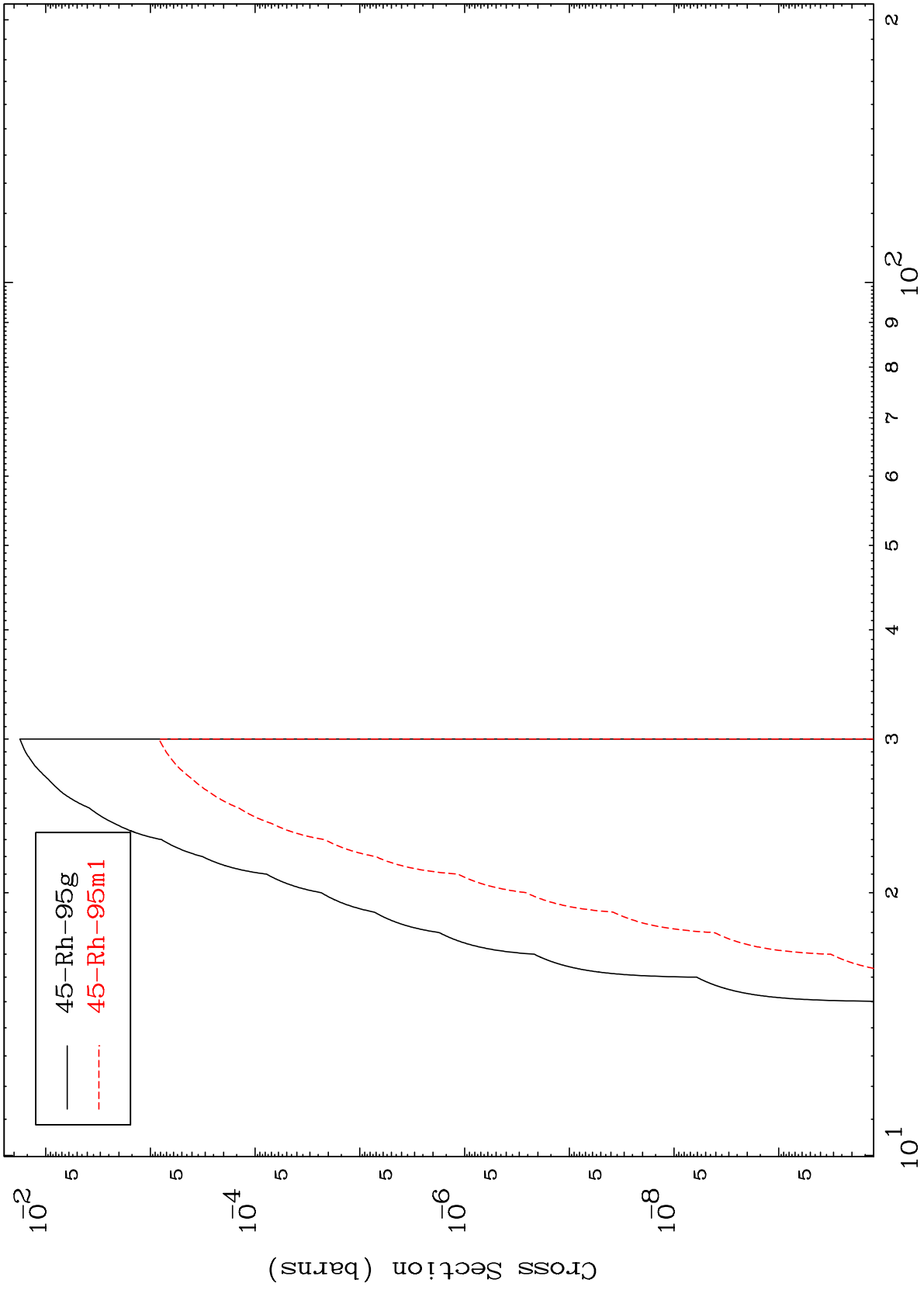
47-Ag-100

MAT 4704

(n,2n) α

47-Ag-100

Radionuclide Production Cross Section



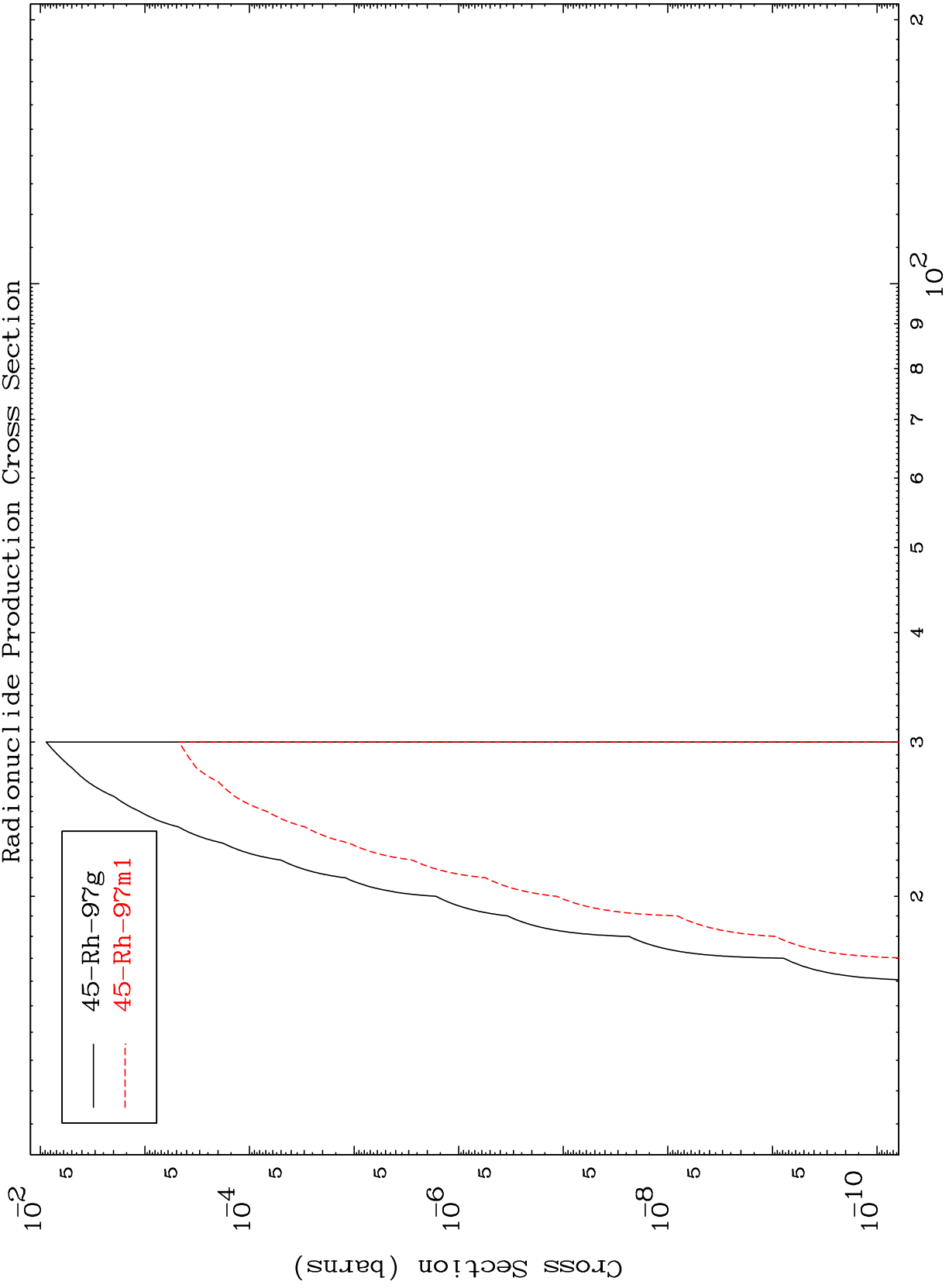
45-Rh-95g
45-Rh-95m1

MAT 4704

(n, n') He-3

47-Ag-100

Radionuclide Production Cross Section



97

Incident Energy (MeV)

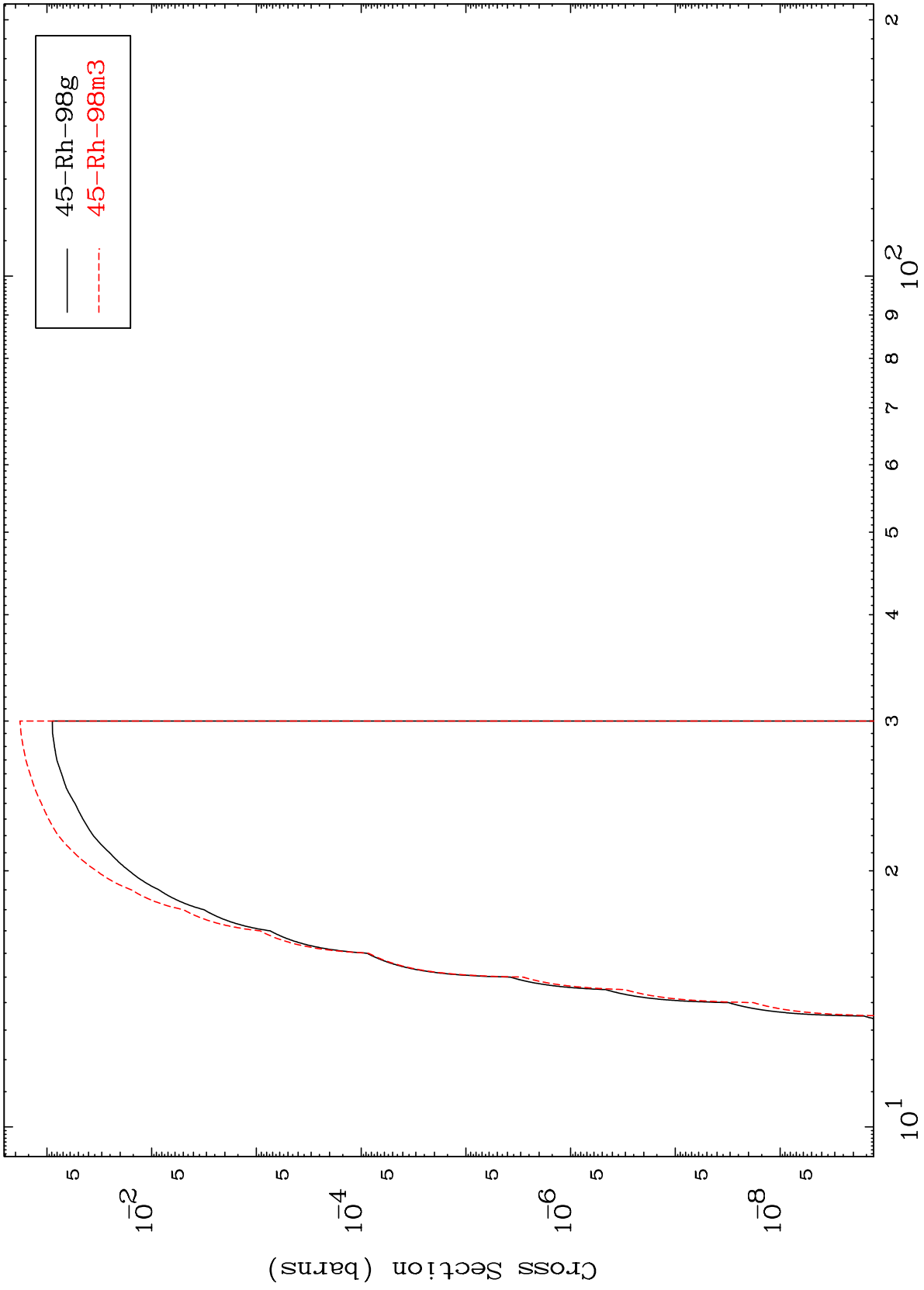
47-Ag-100

MAT 4704

(n,2n) p

47-Ag-100

Radionuclide Production Cross Section



98

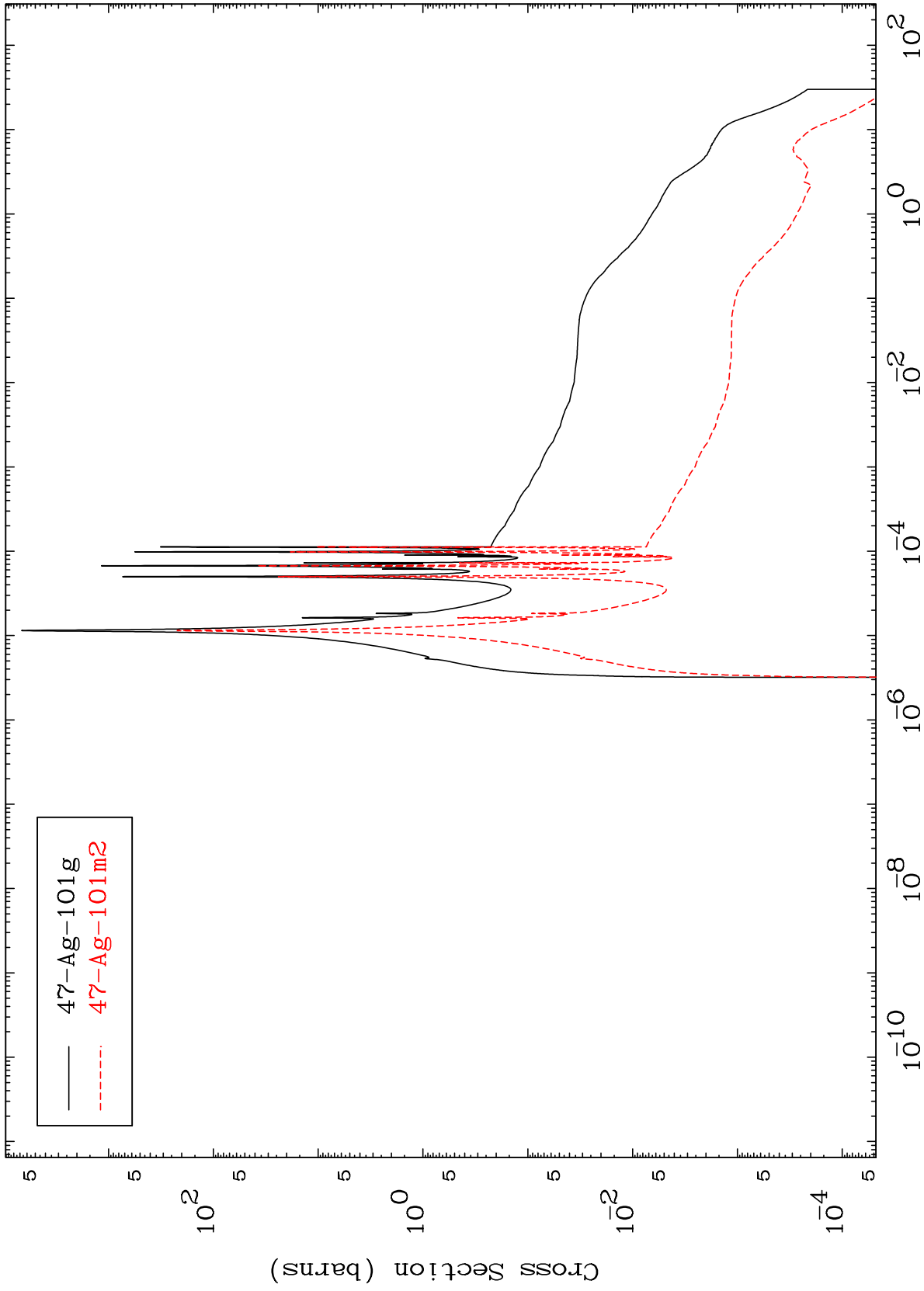
Incident Energy (MeV)

47-Ag-100

MAT 4704

47-Ag-100

(n,γ) Radionuclide Production Cross Section



99

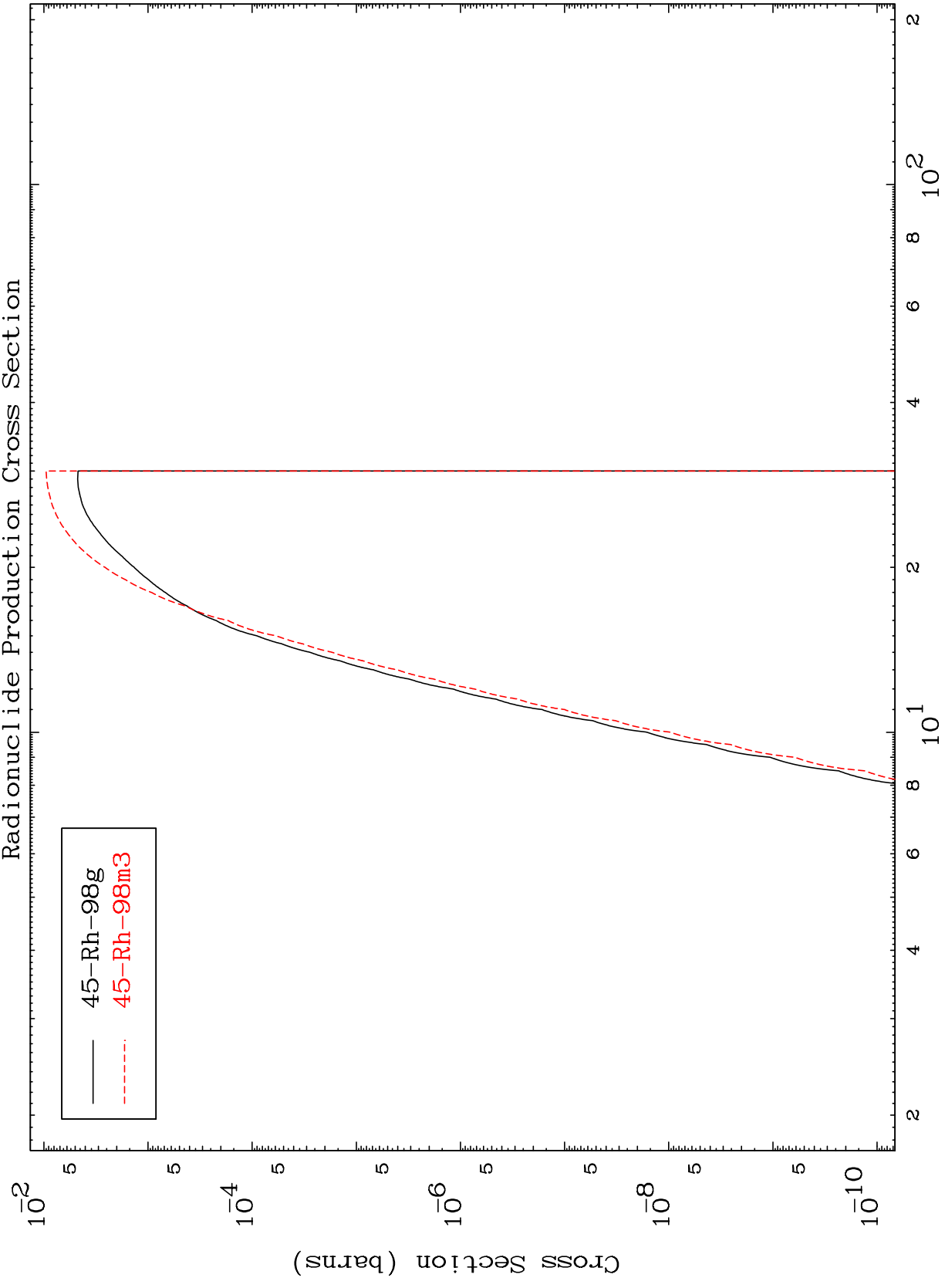
47-Ag-100

MAT 4704

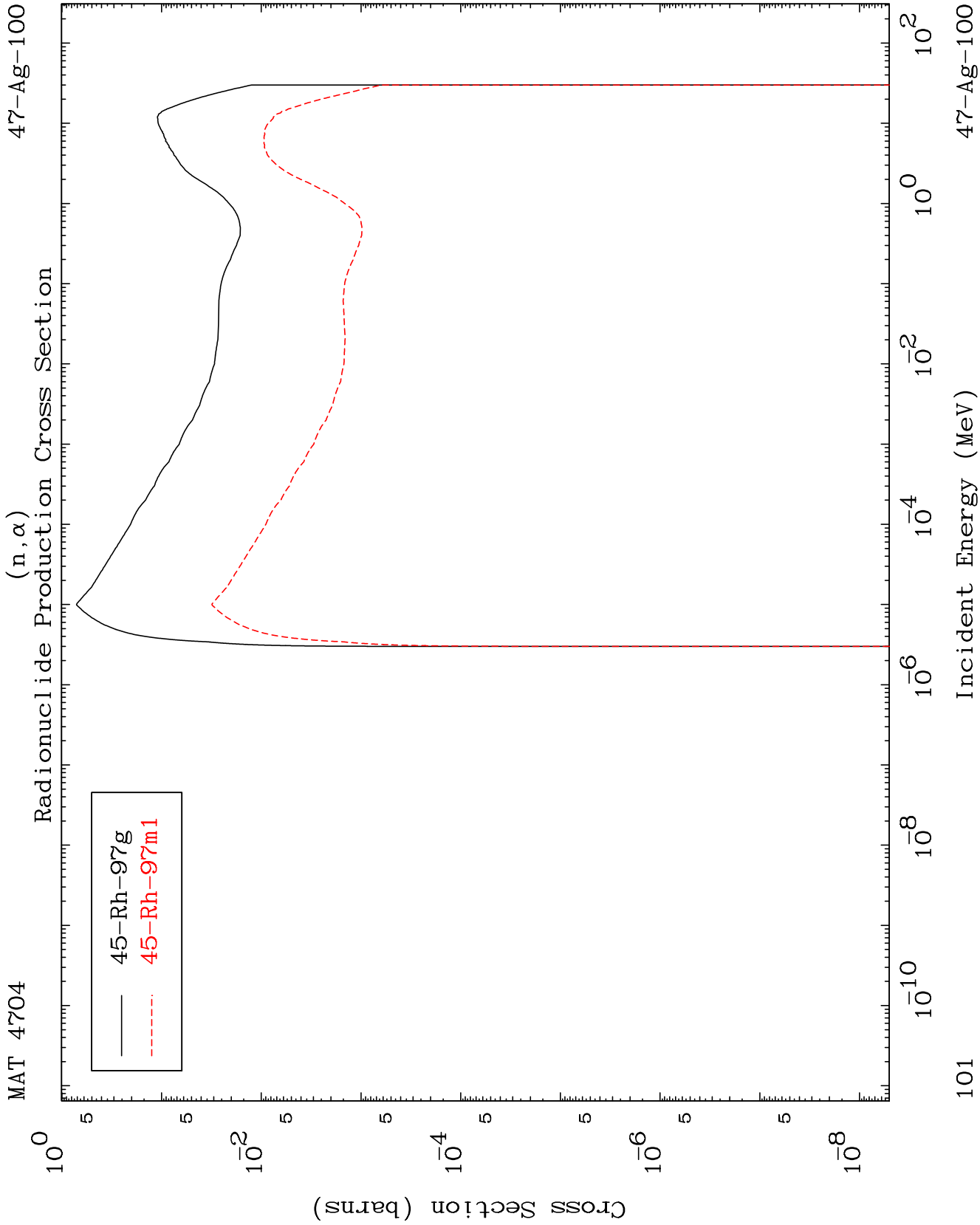
(n, He-3)

47-Ag-100

Radionuclide Production Cross Section



45-Rh-98g
45-Rh-98m3

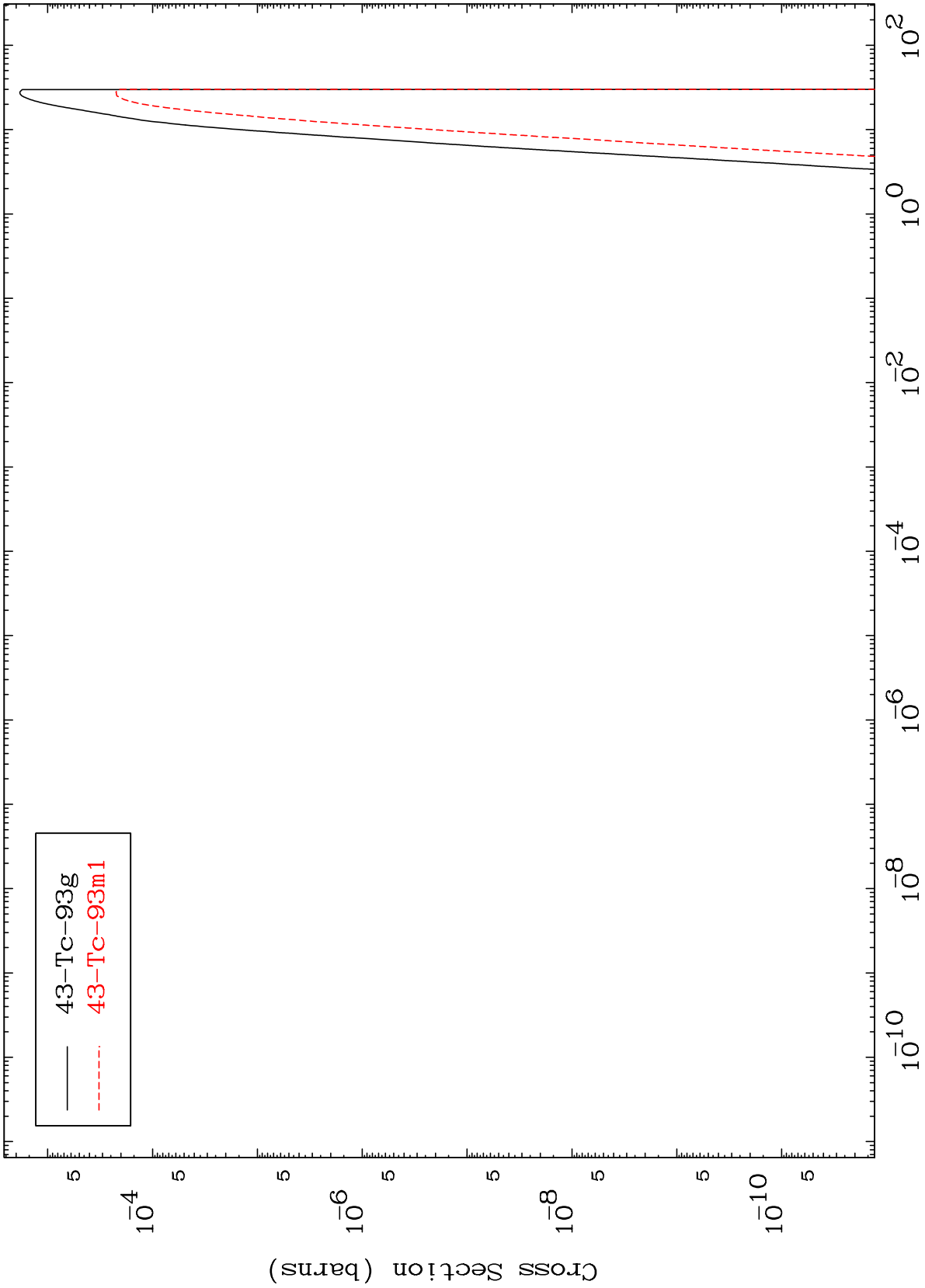


MAT 4704

(n,2α)

47-Ag-100

Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

102

Incident Energy (MeV)

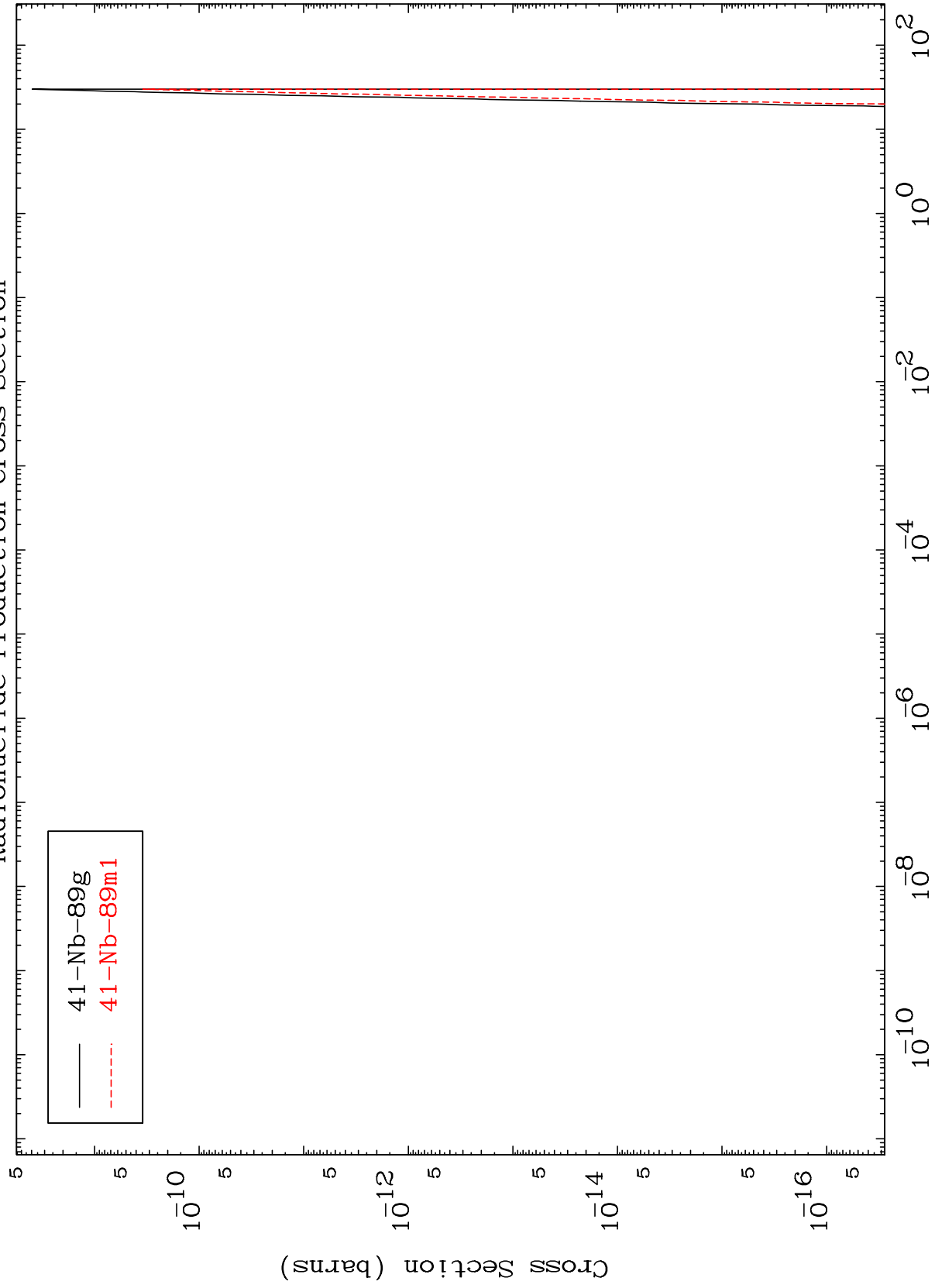
47-Ag-100

MAT 4704

(n, 3α)

47-Ag-100

Radionuclide Production Cross Section



— 41-Nb-89g
- - - 41-Nb-89m1

103

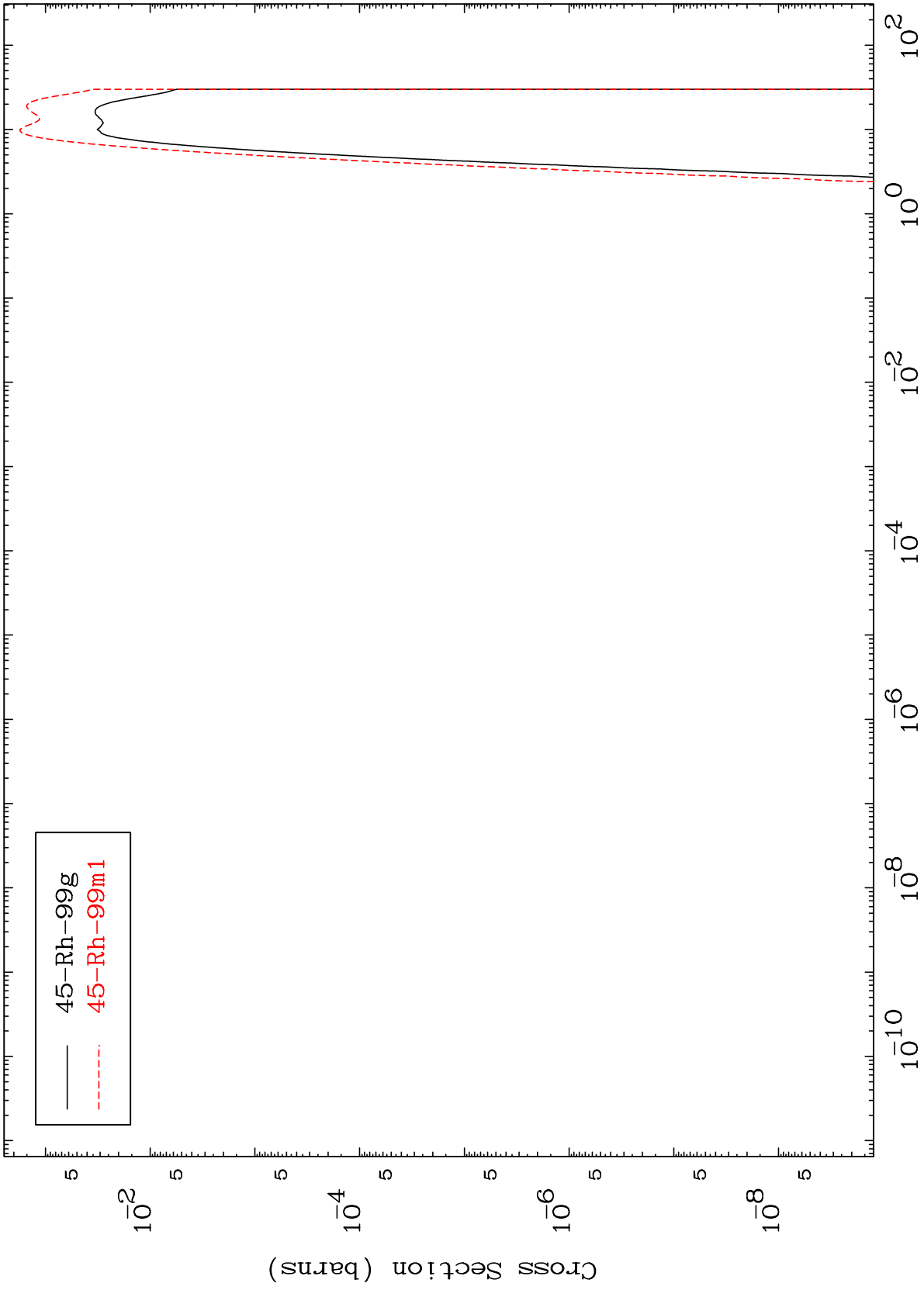
Incident Energy (MeV)

47-Ag-100

MAT 4704

(n,2p)
Radionuclide Production Cross Section

47-Ag-100



104

Incident Energy (MeV)

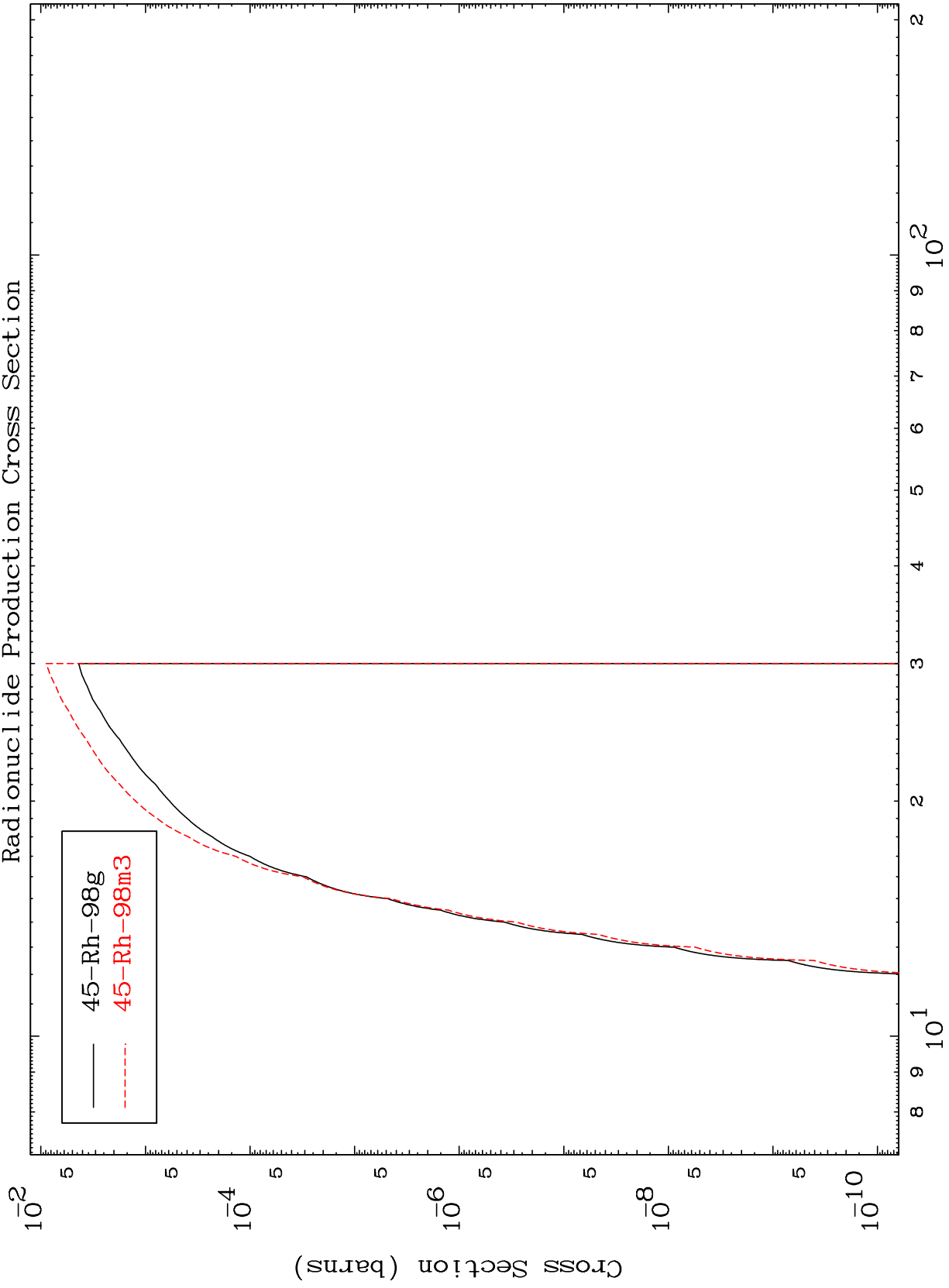
47-Ag-100

MAT 4704

(n,p) d

47-Ag-100

Radionuclide Production Cross Section



105

Incident Energy (MeV)

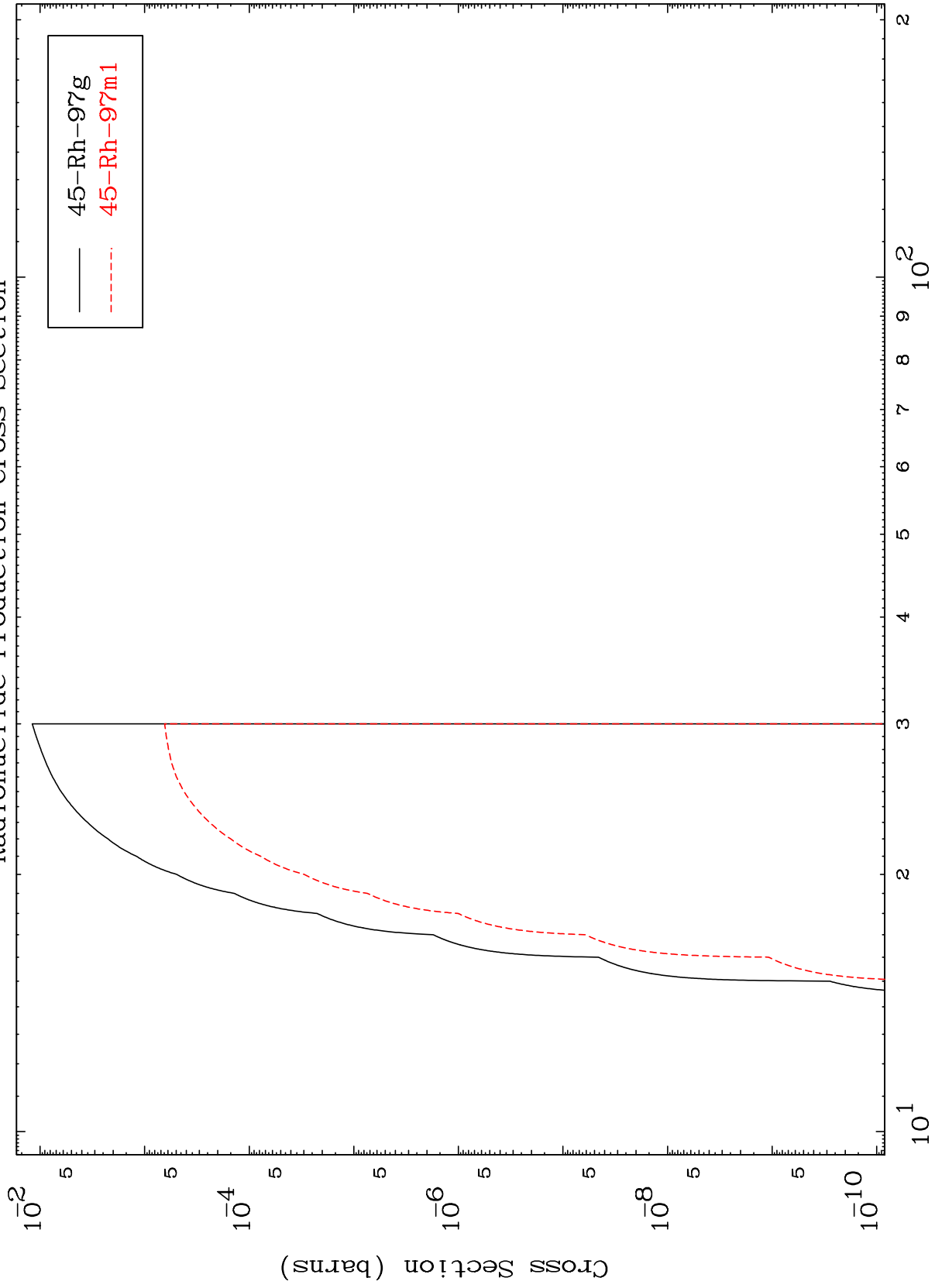
47-Ag-100

MAT 4704

(n,p) t

47-Ag-100

Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-100