

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

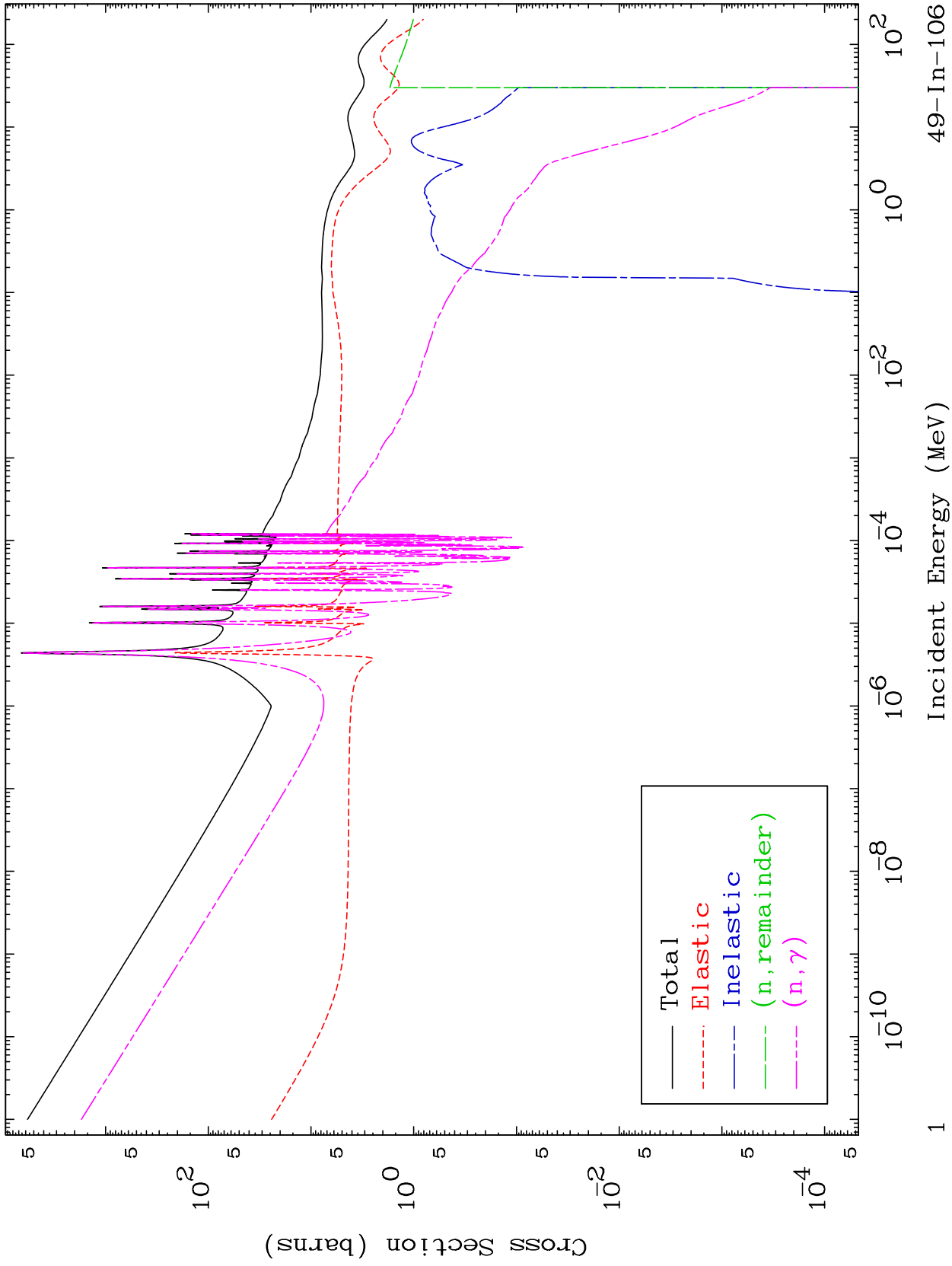
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4904

Major  
293 Kelvin Cross Sections

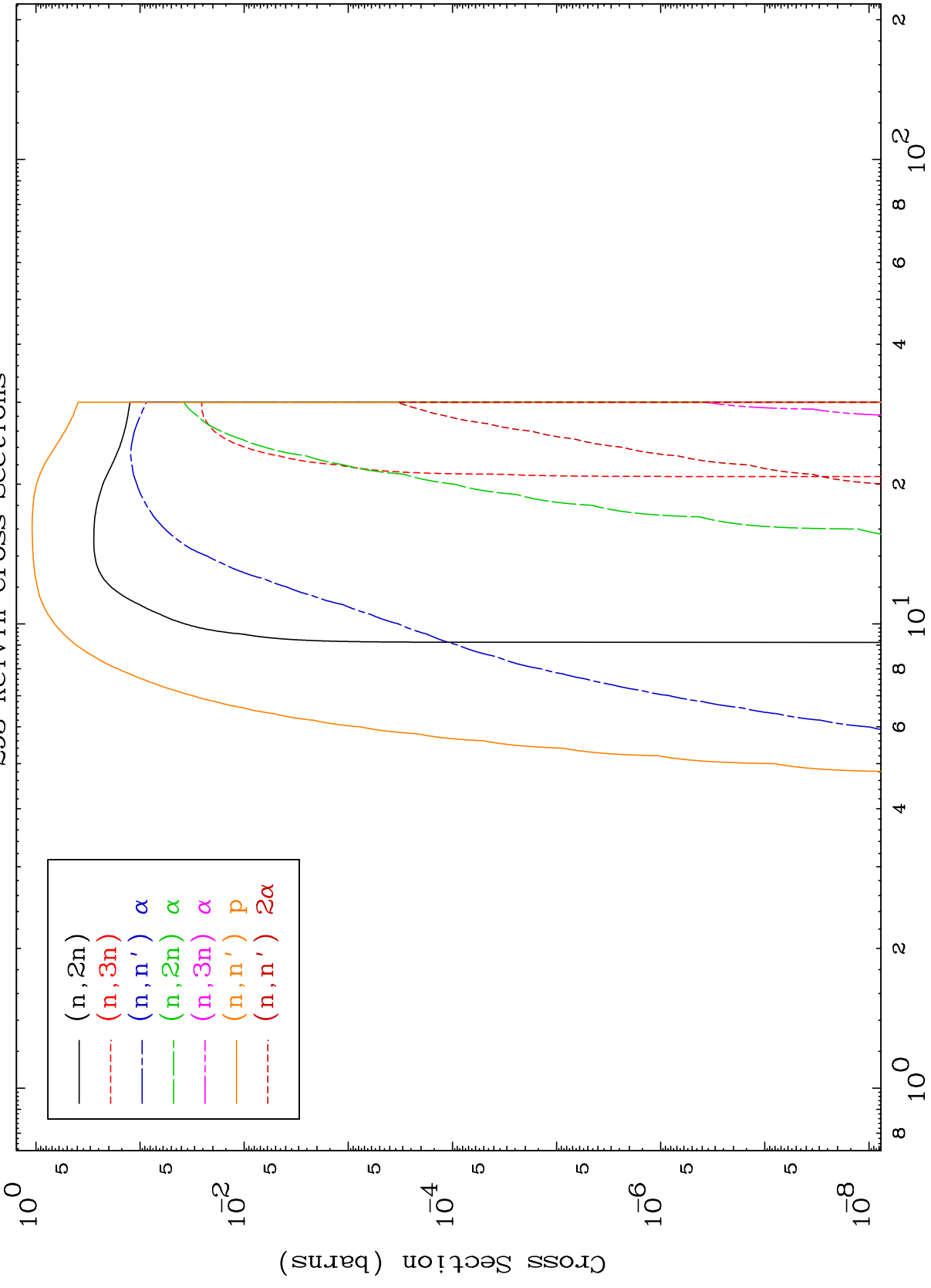
49-In-106



MAT 4904

Neutron Production  
293 Kelvin Cross Sections

49-In-106



2

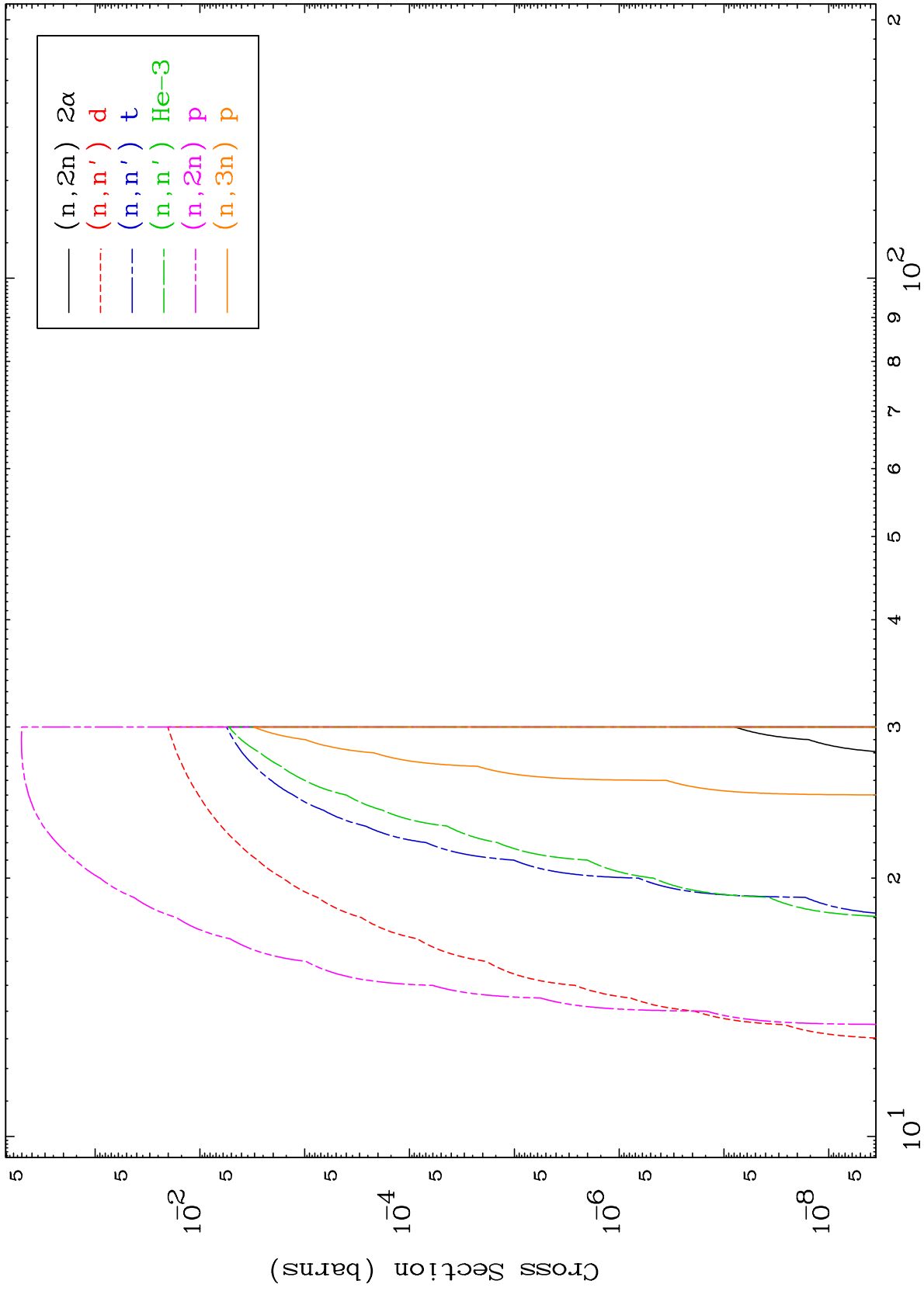
Incident Energy (MeV)

49-In-106

MAT 4904

Neutron Production  
293 Kelvin Cross Sections

49-In-106



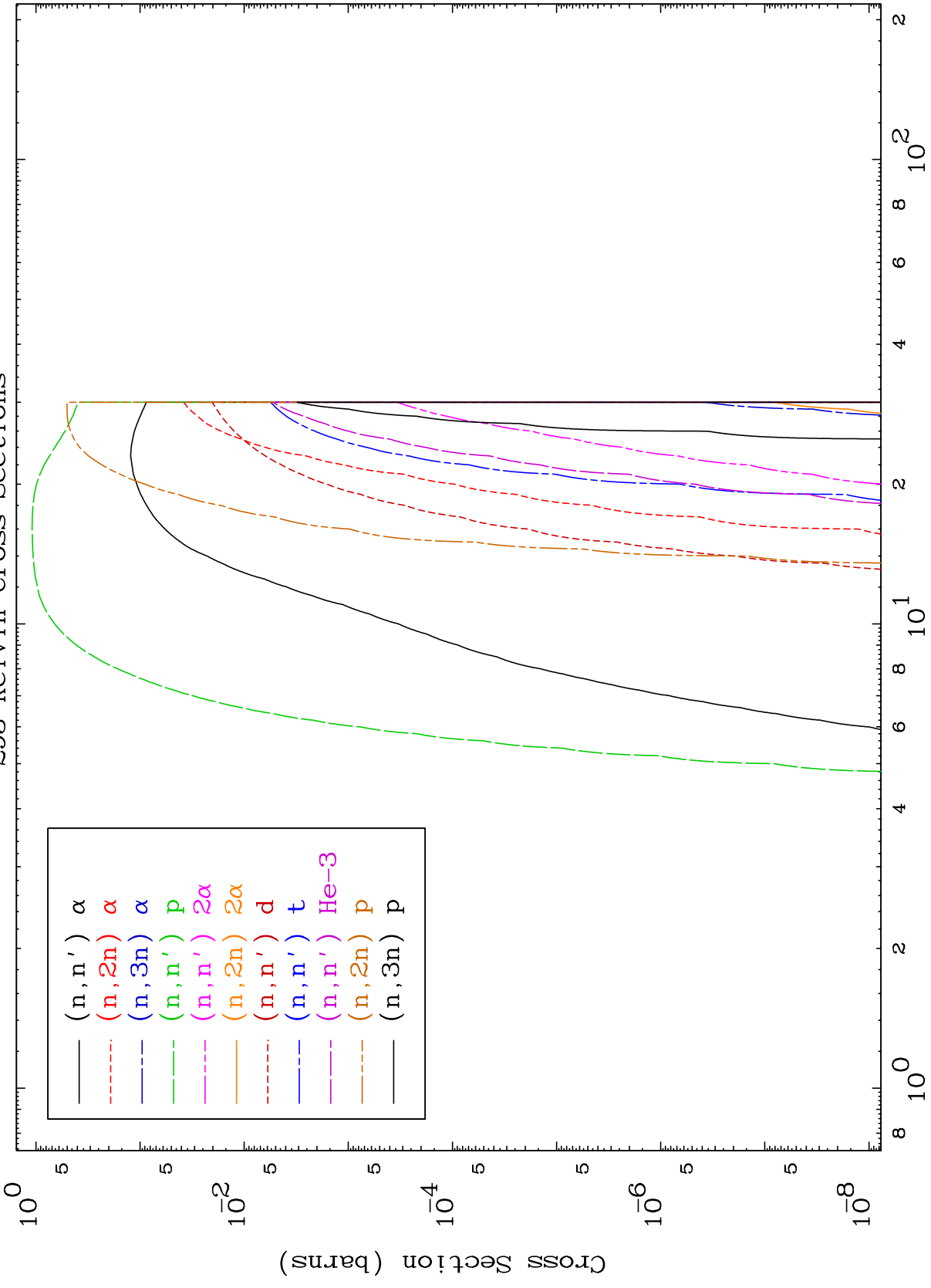
Incident Energy (MeV)

49-In-106

MAT 4904

Charged Particle  
293 Kelvin Cross Sections

49-In-106



4

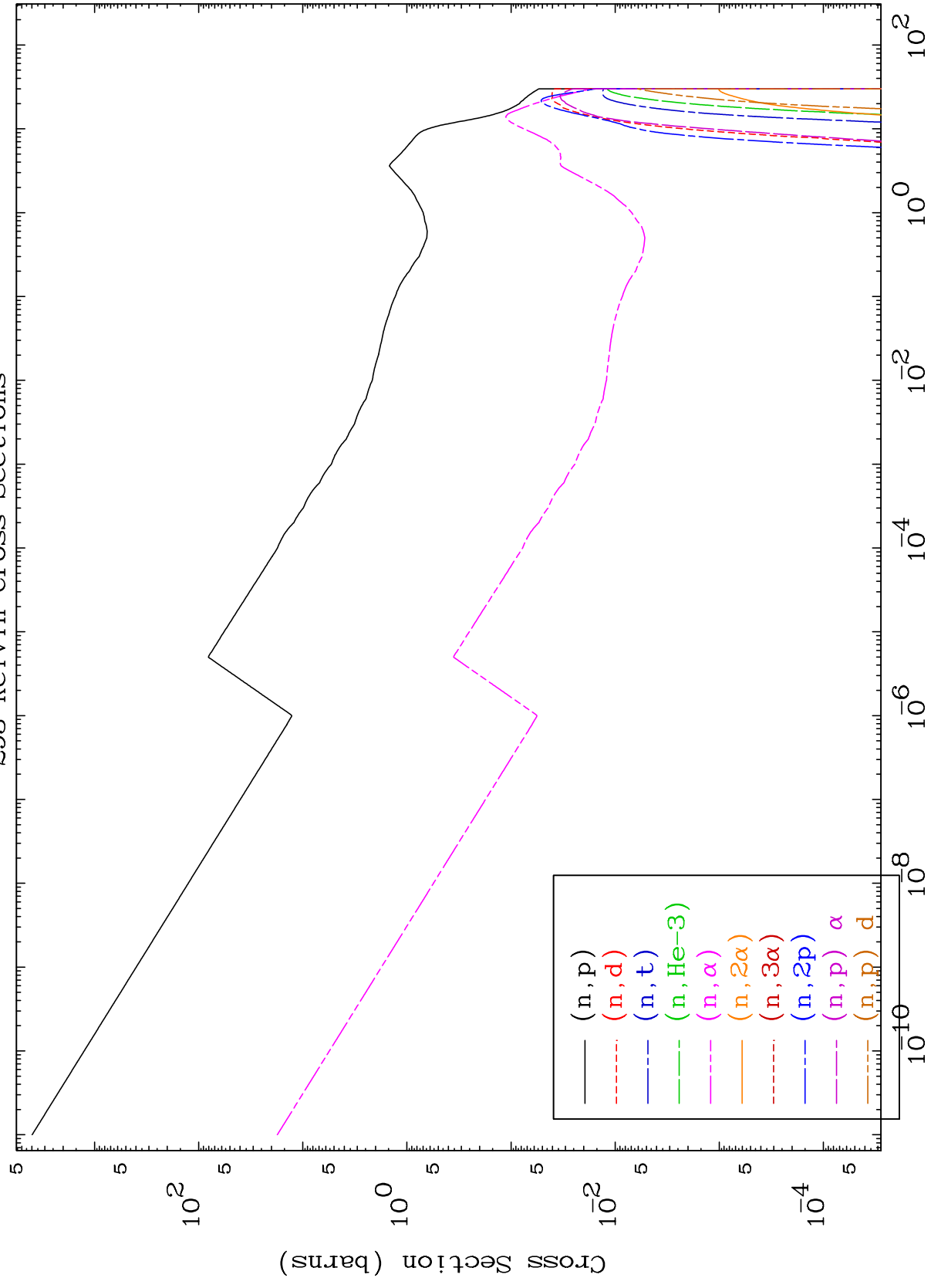
Incident Energy (MeV)

49-In-106

MAT 4904

293 Kelvin Cross Sections

49-In-106



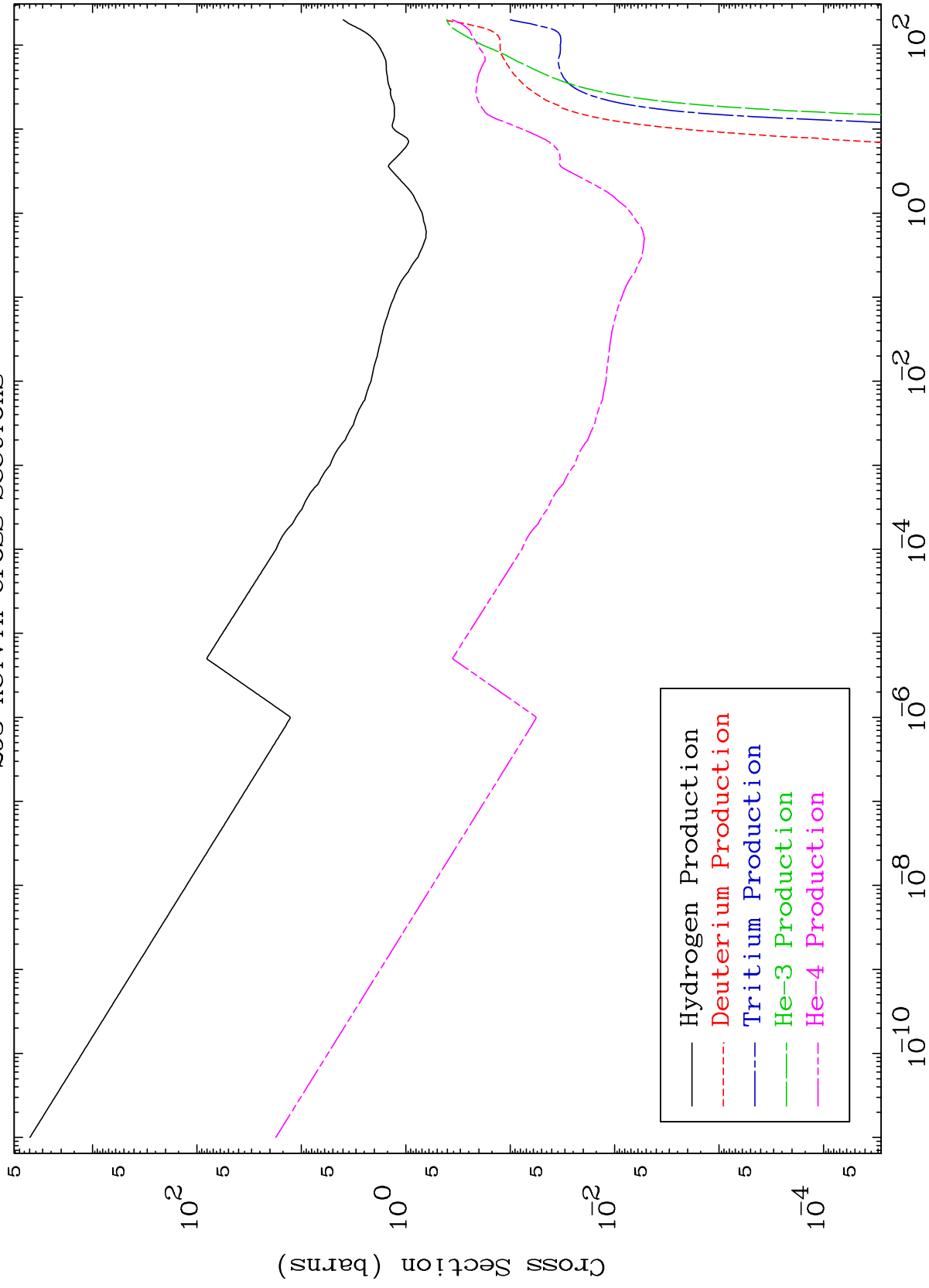
5

49-In-106

MAT 4904

Particle Production  
293 Kelvin Cross Sections

49-In-106



6

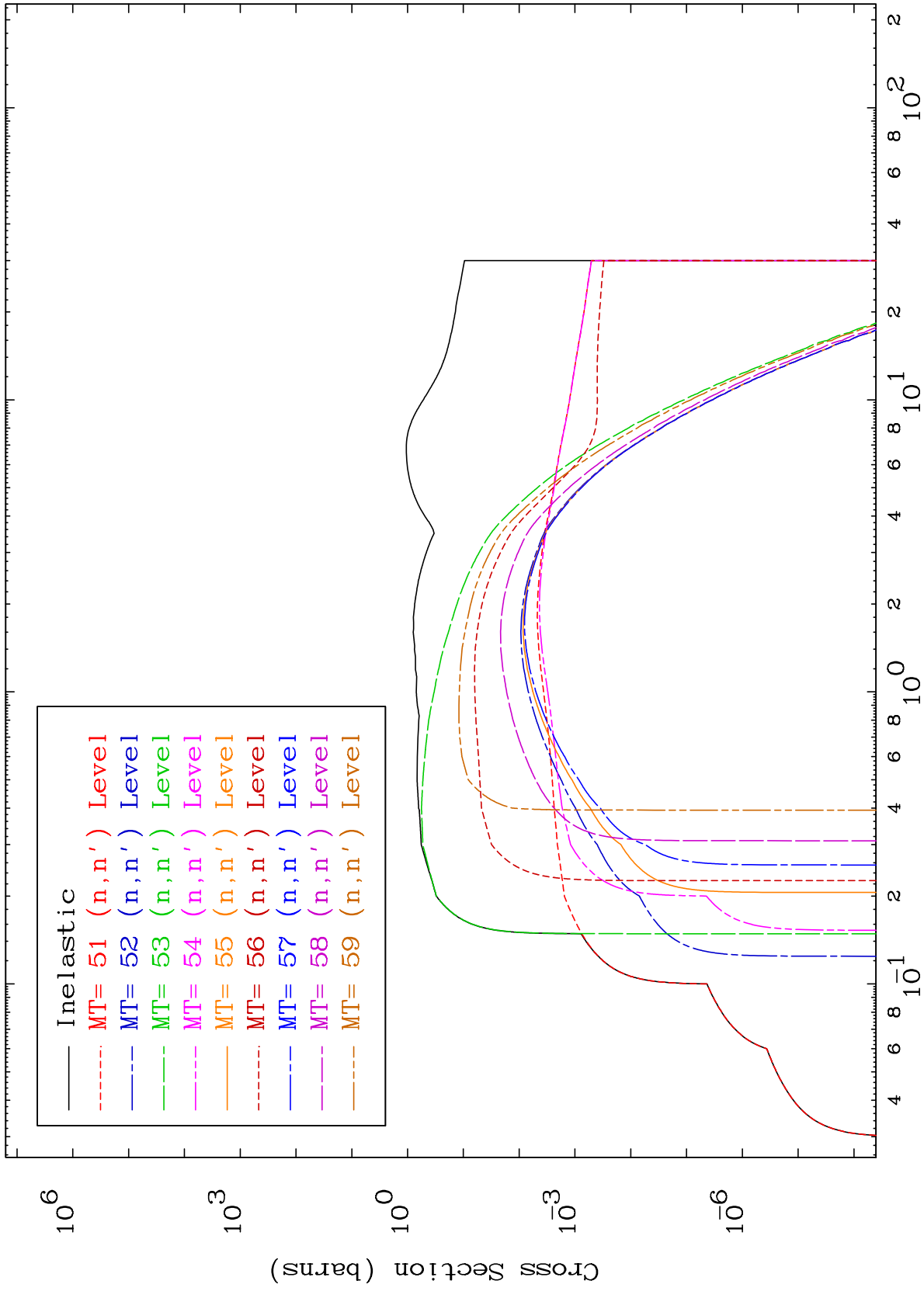
Incident Energy (MeV)

49-In-106

MAT 4904

(n,n') Level  
293 Kelvin Cross Sections

49-In-106



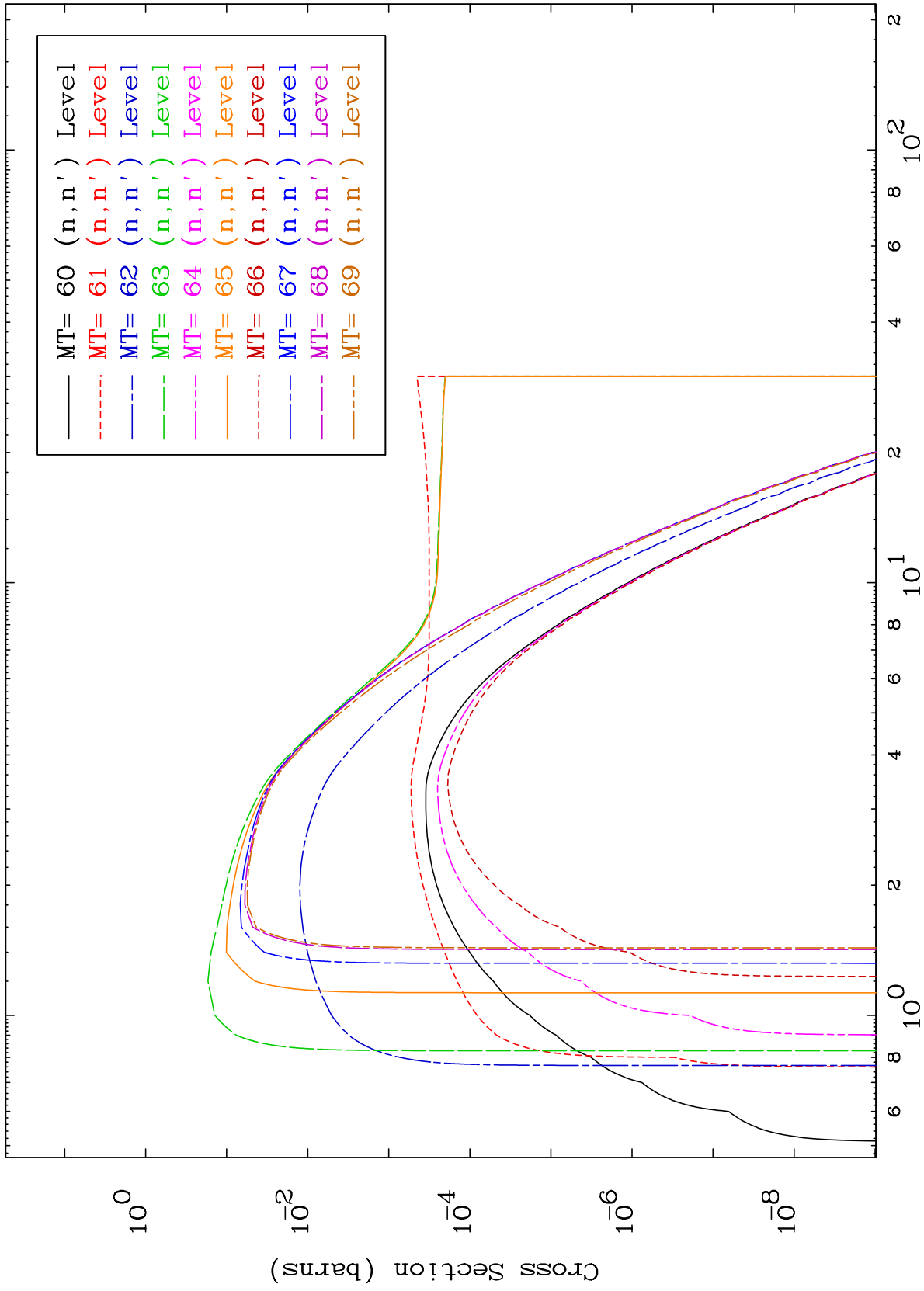


MAT 4904

(n,n') Level

49-In-106

293 Kelvin Cross Sections



8

Incident Energy (MeV)

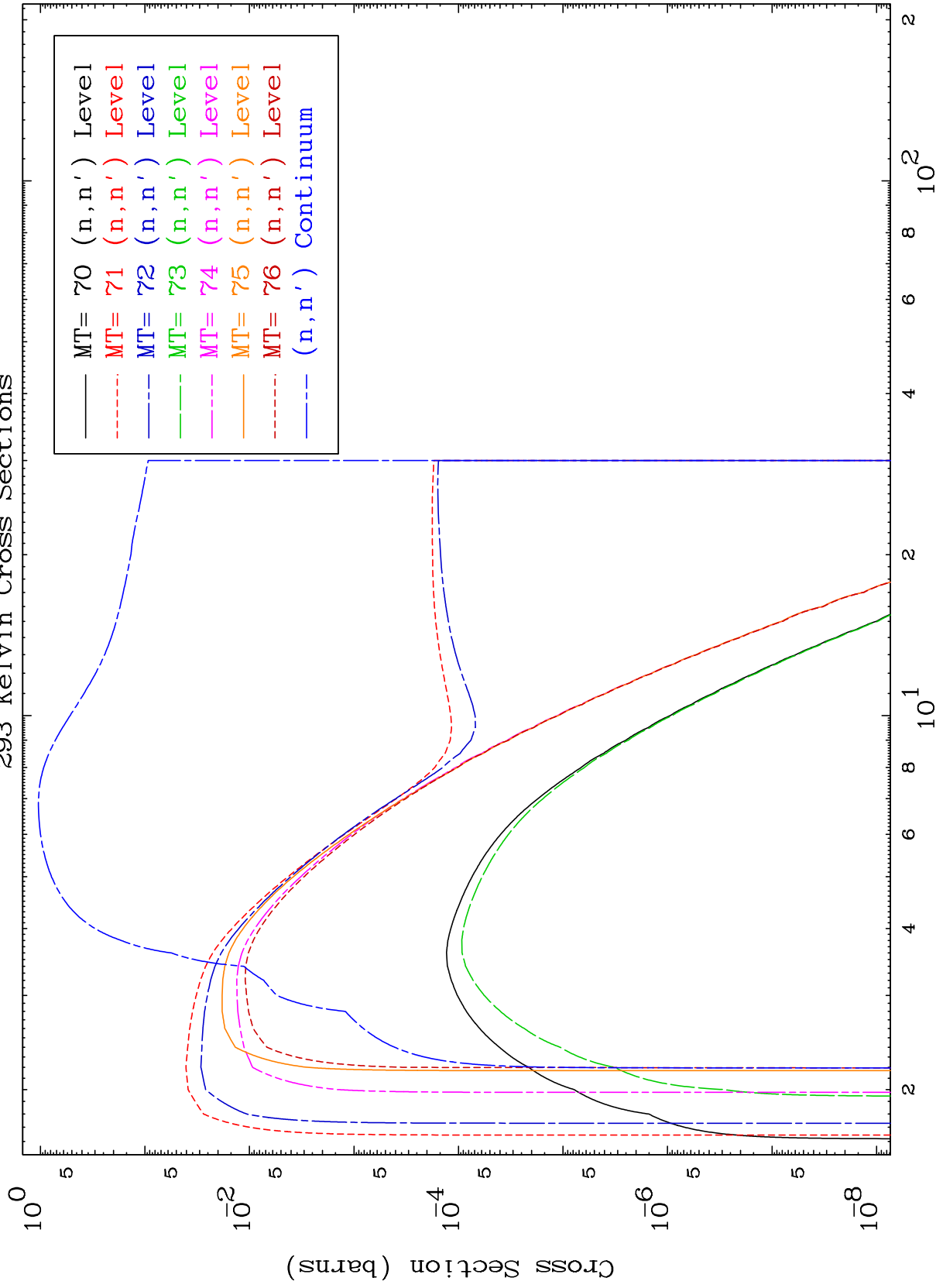
49-In-106

MAT 4904

(n,n') Level

293 Kelvin Cross Sections

49-In-106



9

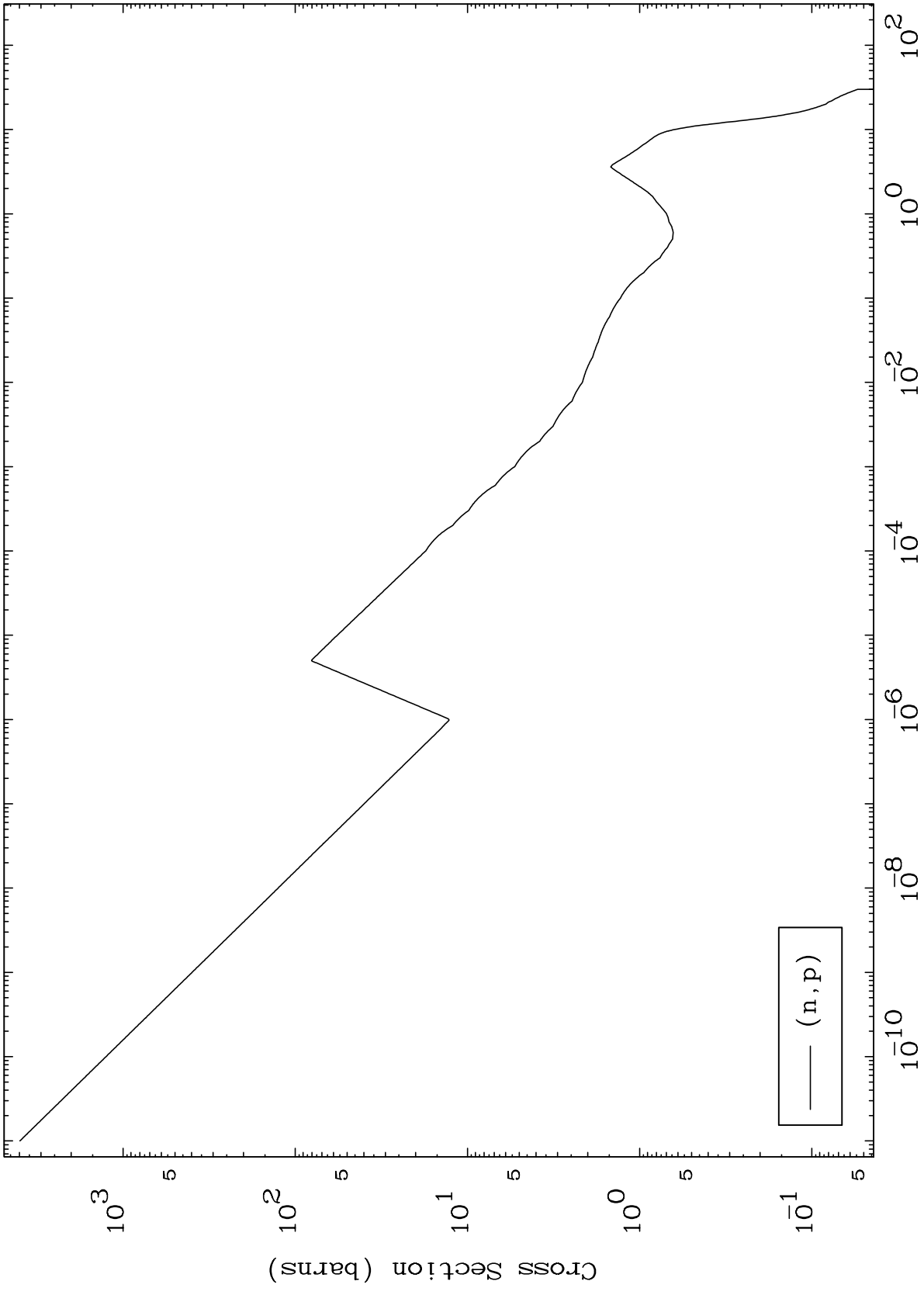
Incident Energy (MeV)

49-In-106

MAT 4904

(n,p) Levels  
293 Kelvin Cross Sections

49-In-106



10

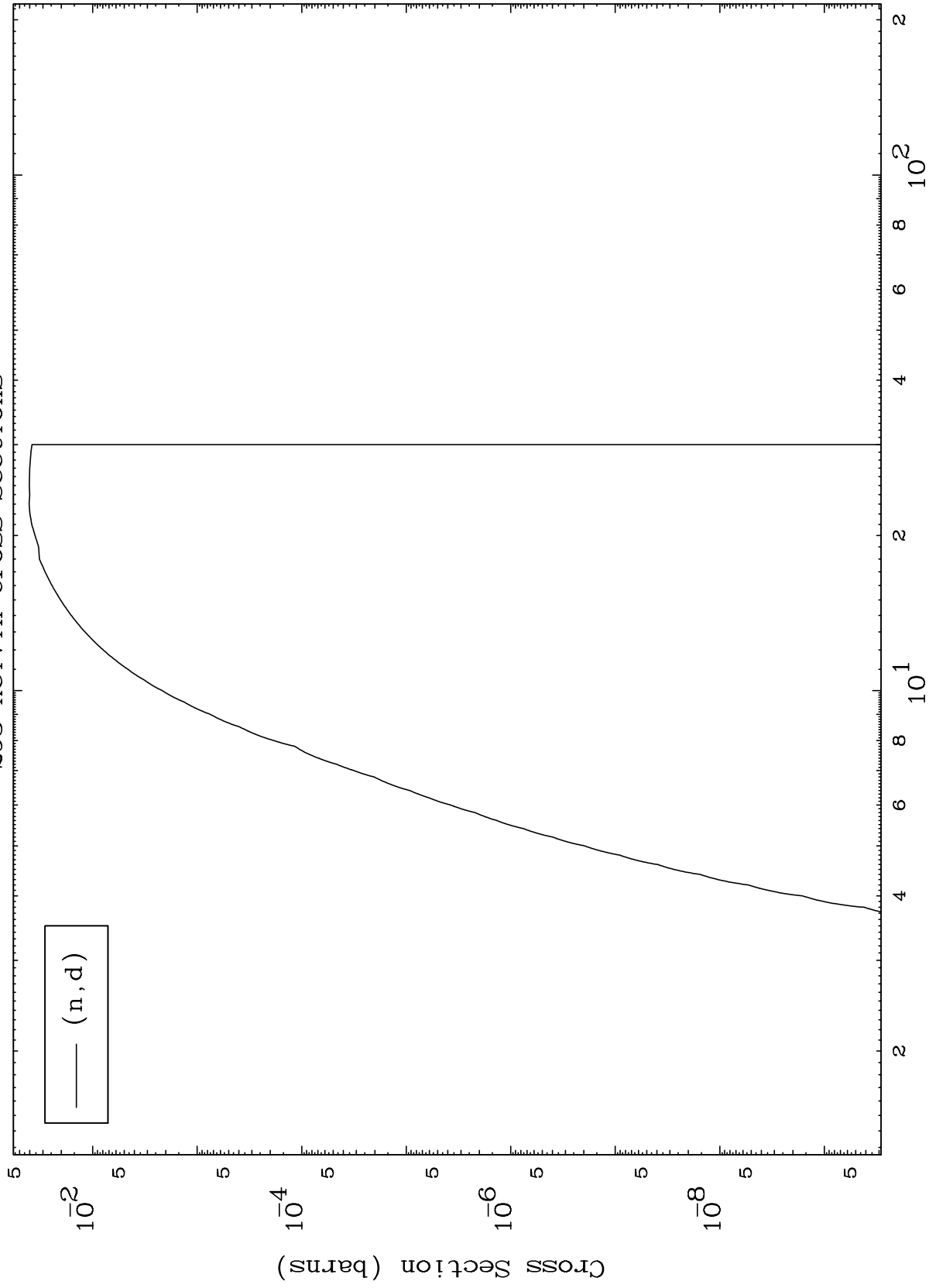
Incident Energy (MeV)

49-In-106

MAT 4904

(n,d) Levels  
293 Kelvin Cross Sections

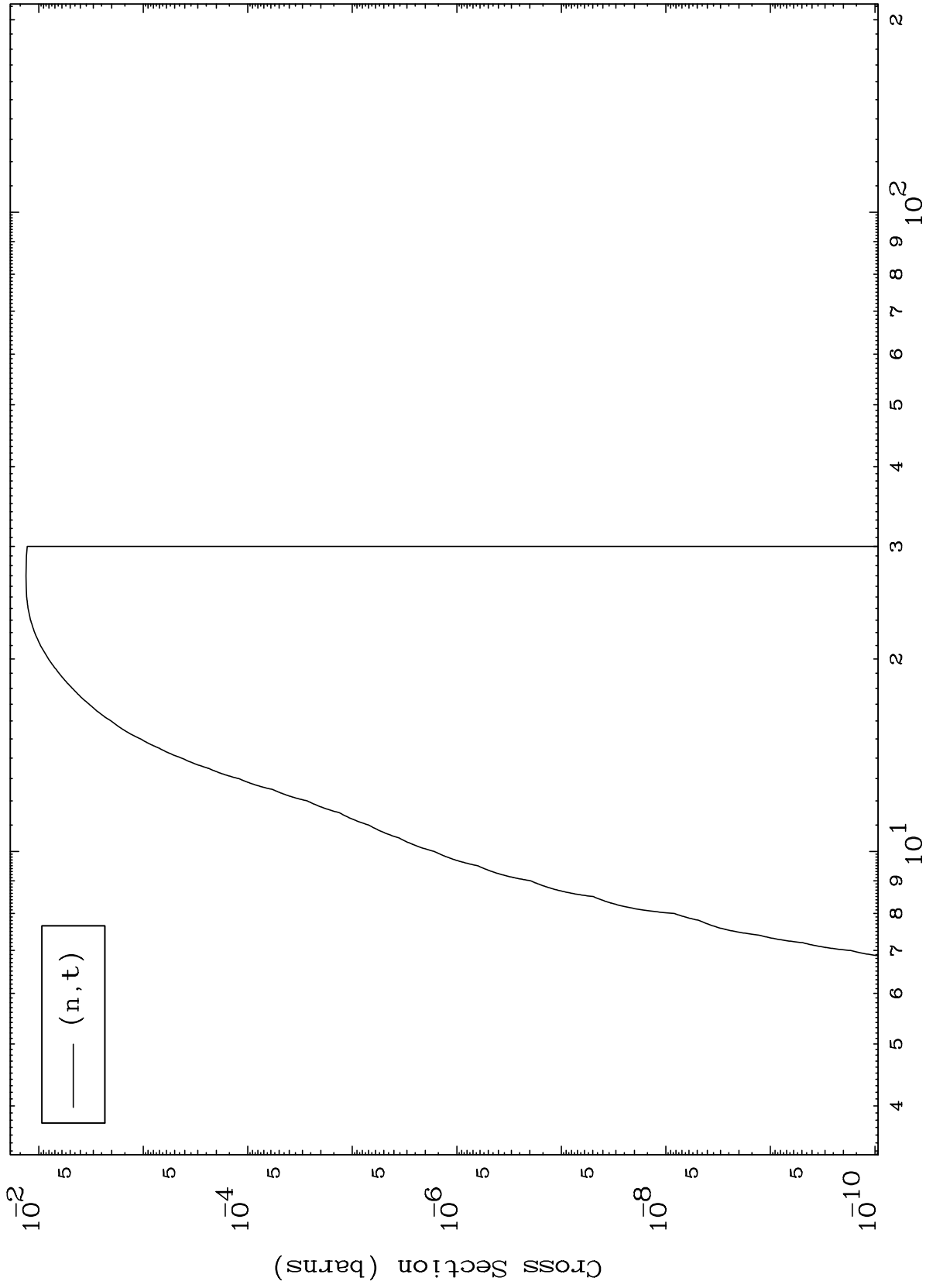
49-In-106



MAT 4904

(n,t) Levels  
293 Kelvin Cross Sections

49-In-106



12

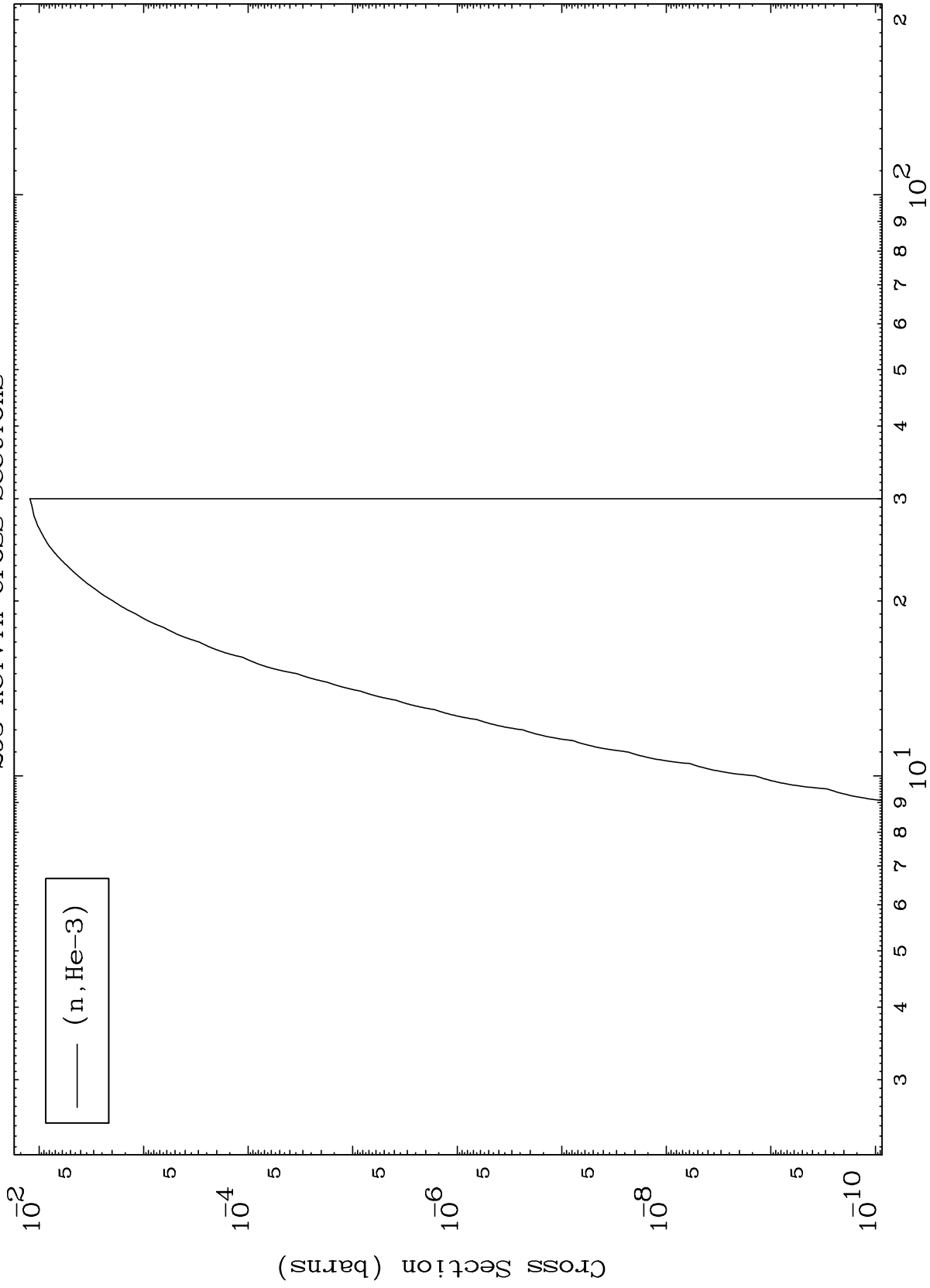
Incident Energy (MeV)

49-In-106

MAT 4904

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-106



13

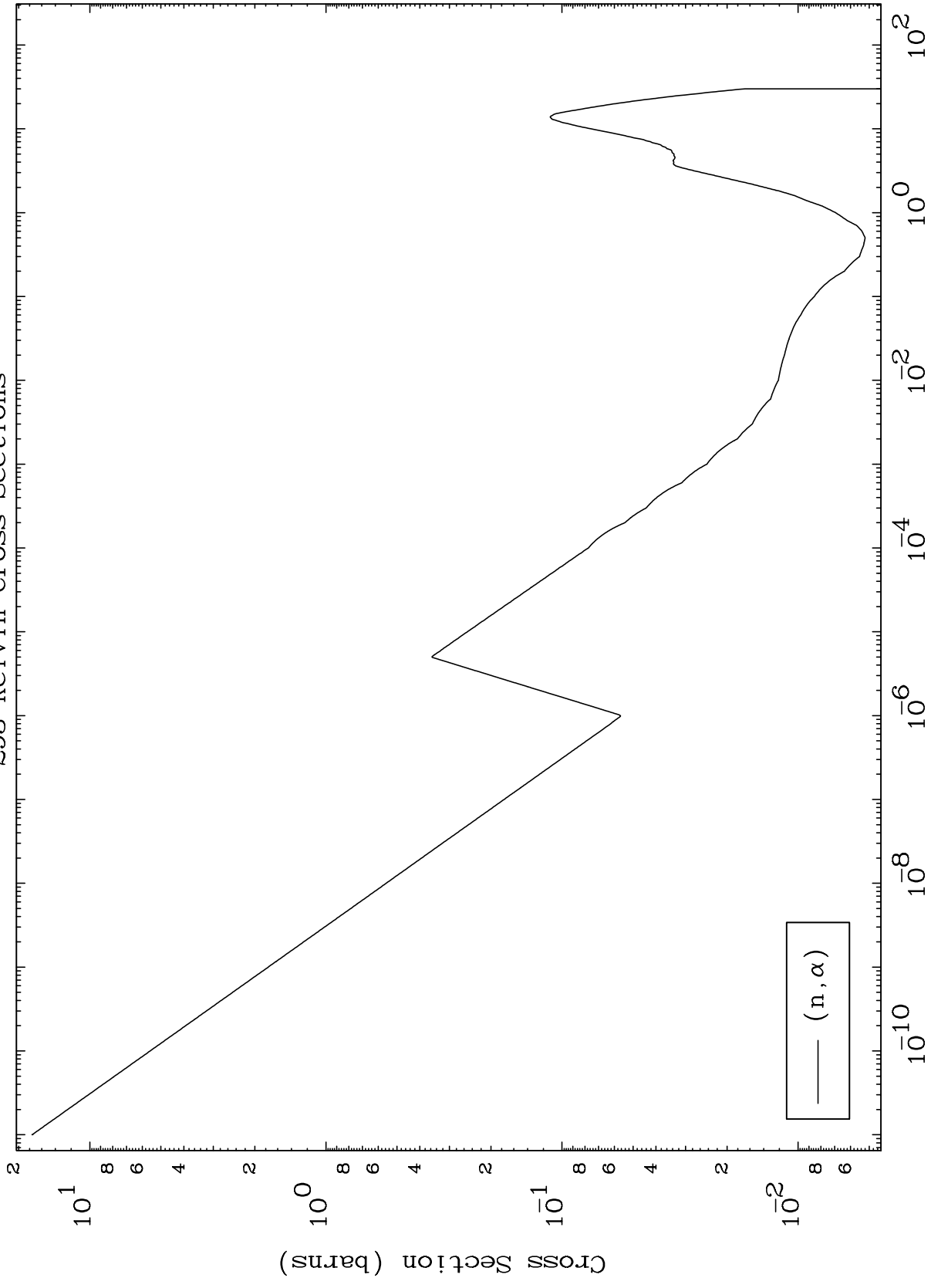
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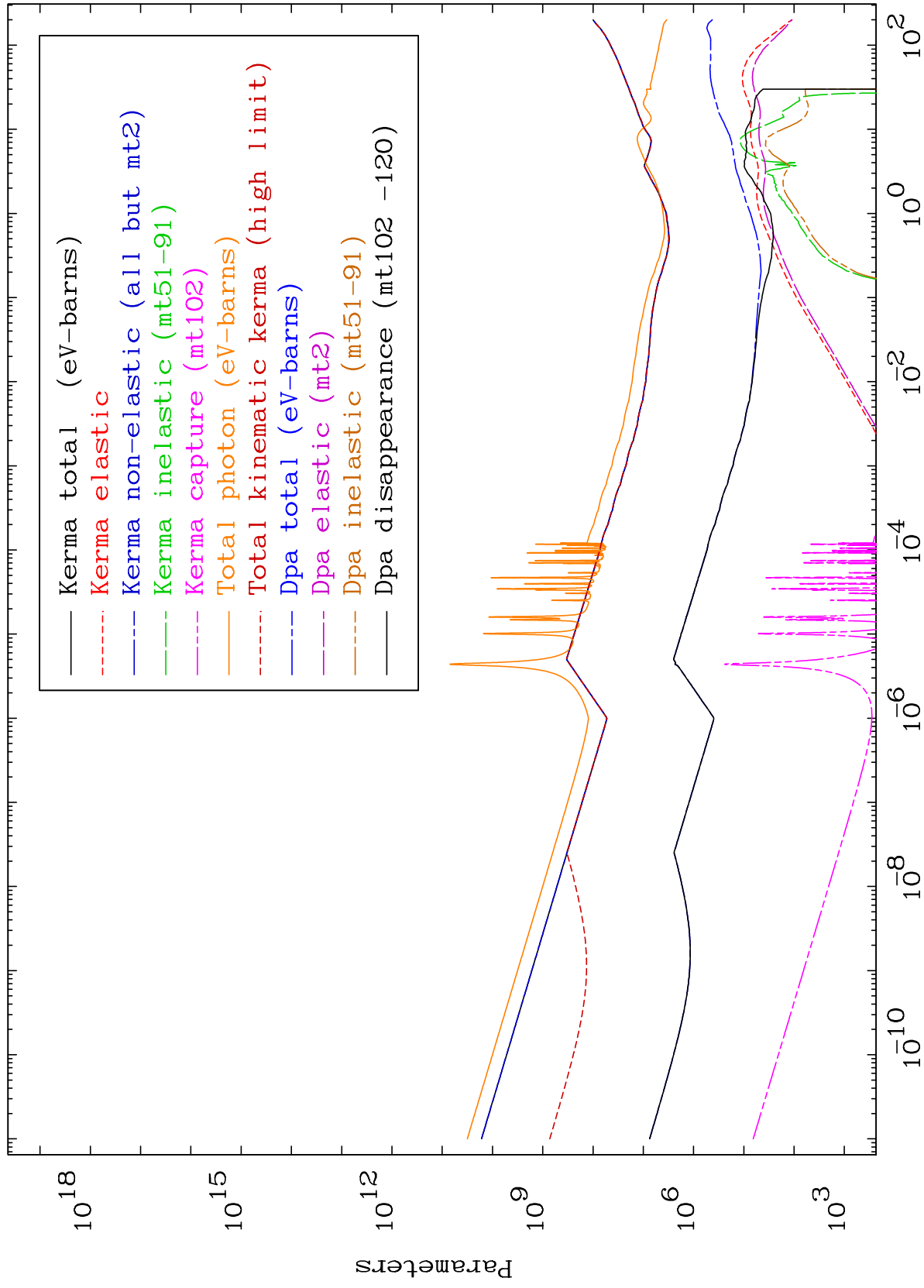
49-In-106

MAT 4904

(n,α) Levels  
293 Kelvin Cross Sections

49-In-106



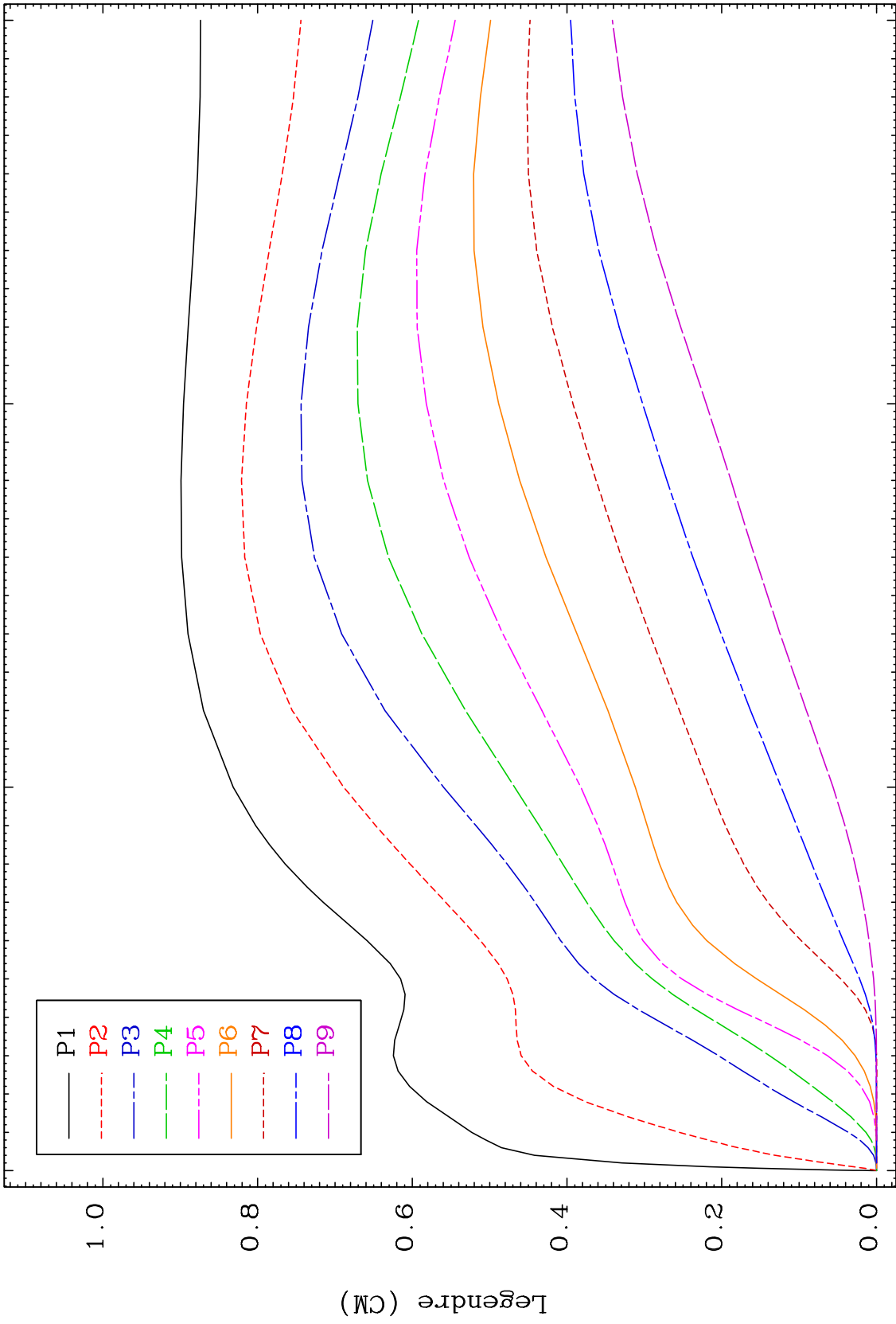




MAT 4904

Elastic Legendre Coefficients

49-In-106



16

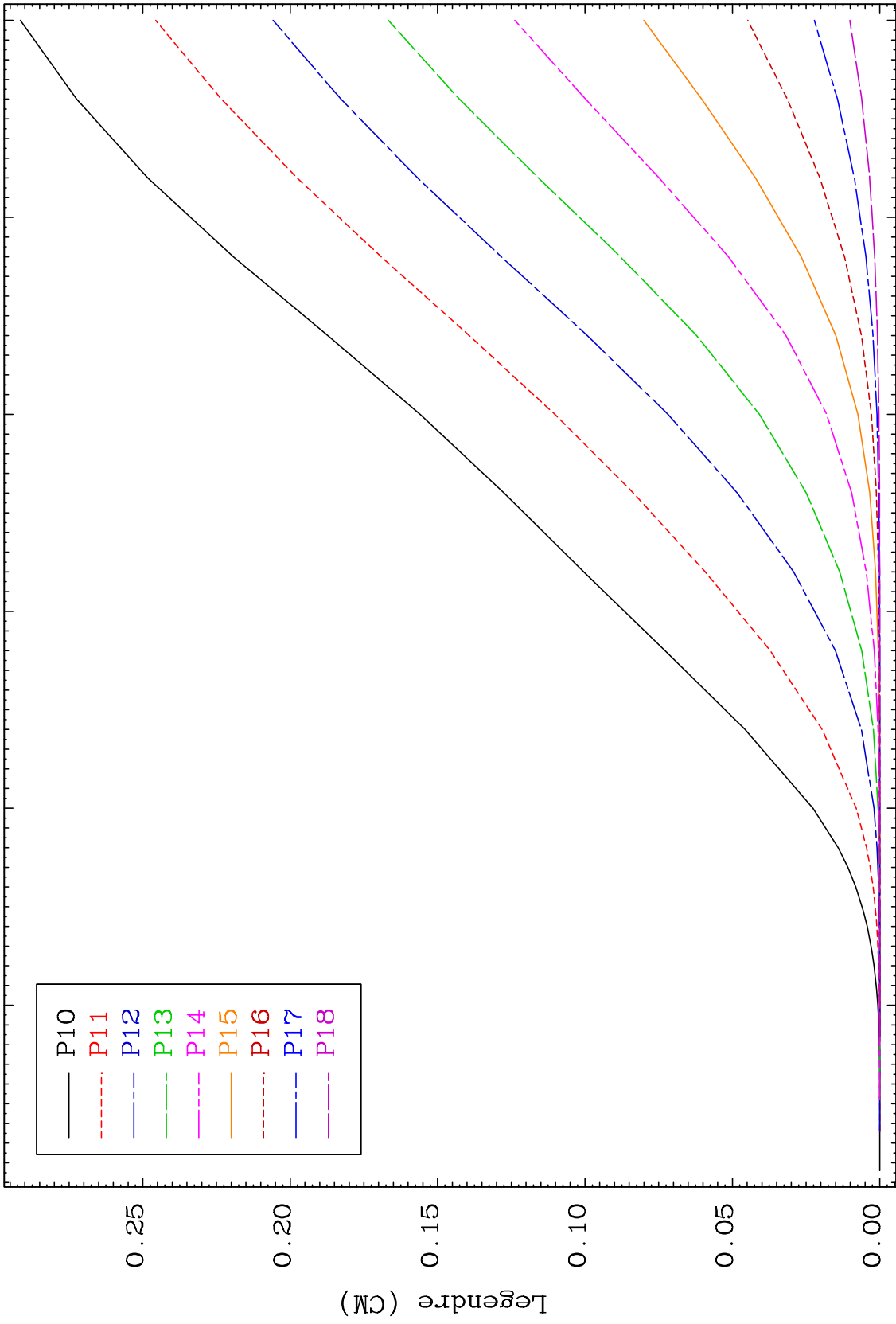
Incident Energy (MeV)

49-In-106

MAT 4904

Elastic Legendre Coefficients

49-In-106



17

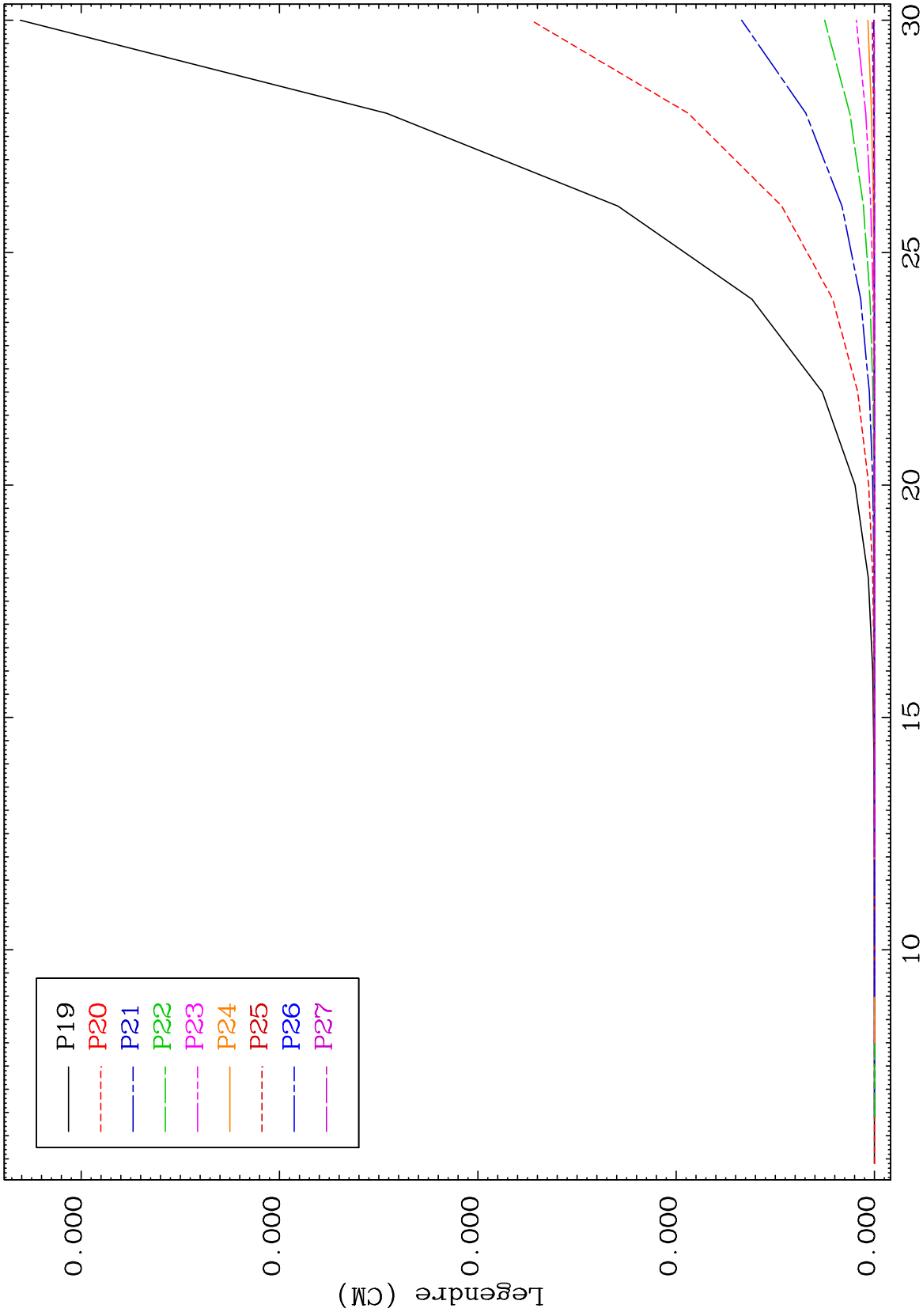
Incident Energy (MeV)

49-In-106

MAT 4904

### Elastic Legendre Coefficients

49-In-106



18

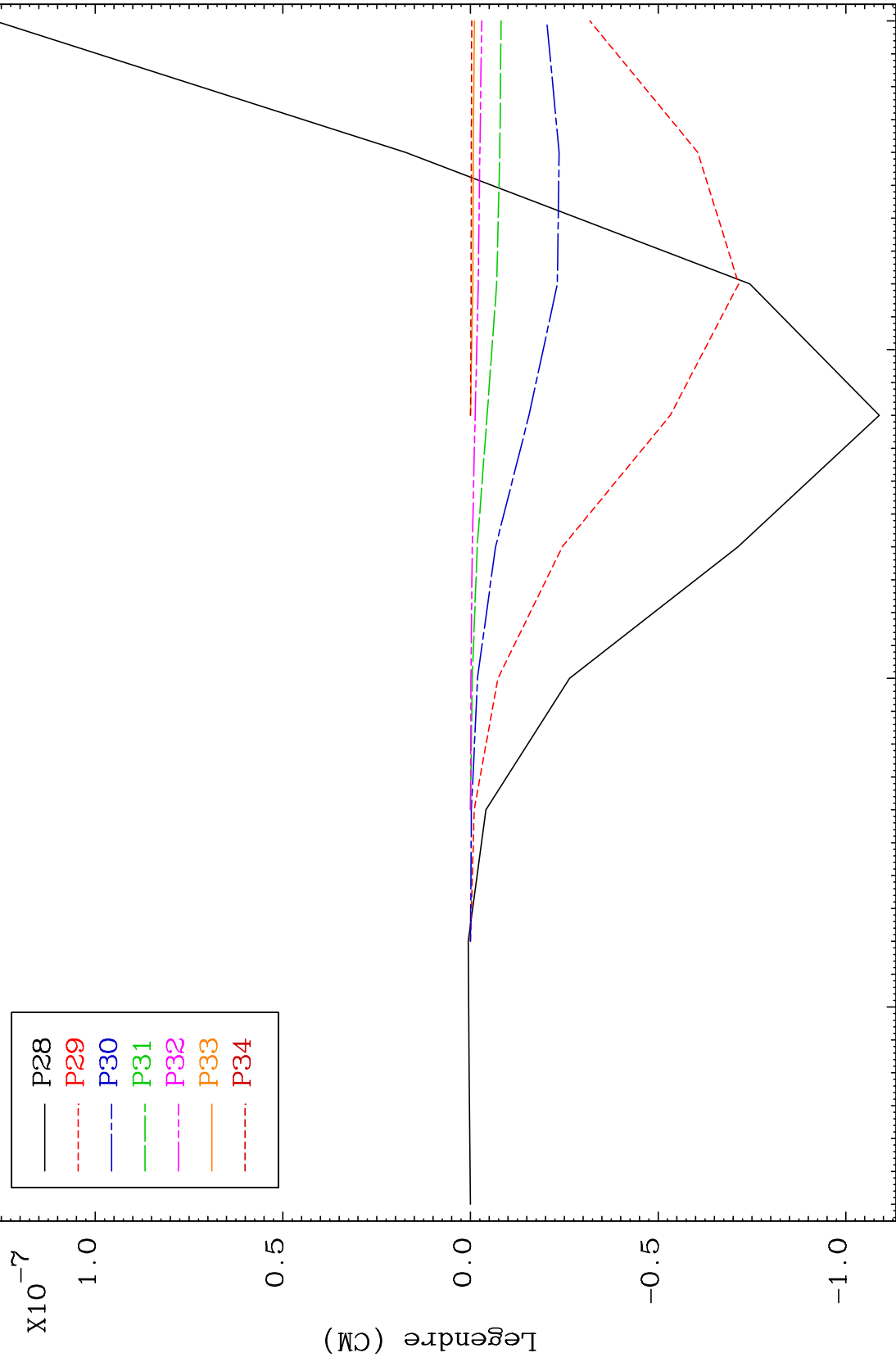
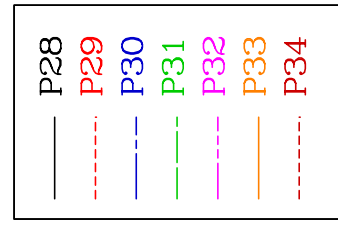
Incident Energy (MeV)

49-In-106

MAT 4904

Elastic Legendre Coefficients

49-In-106



19

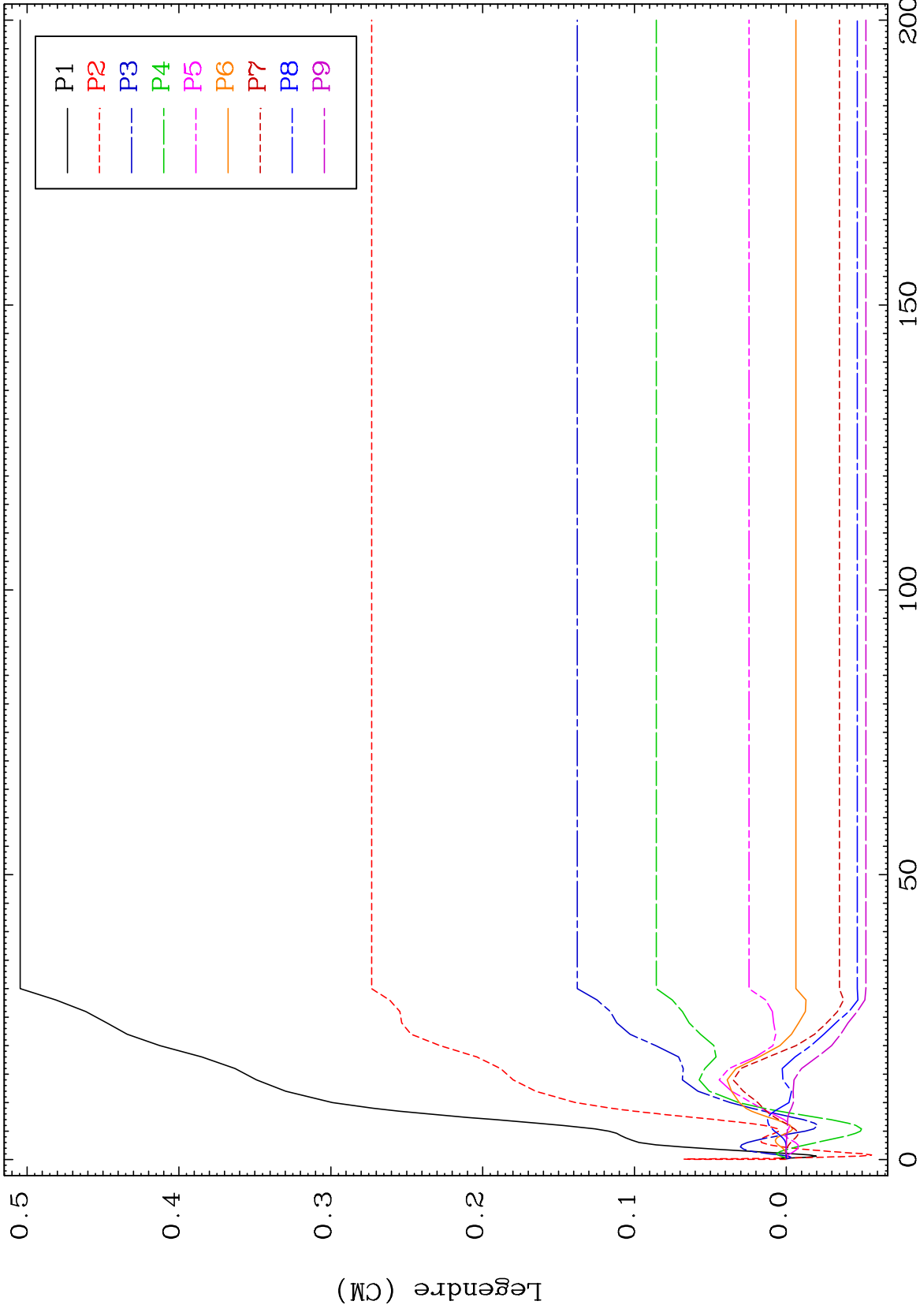
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

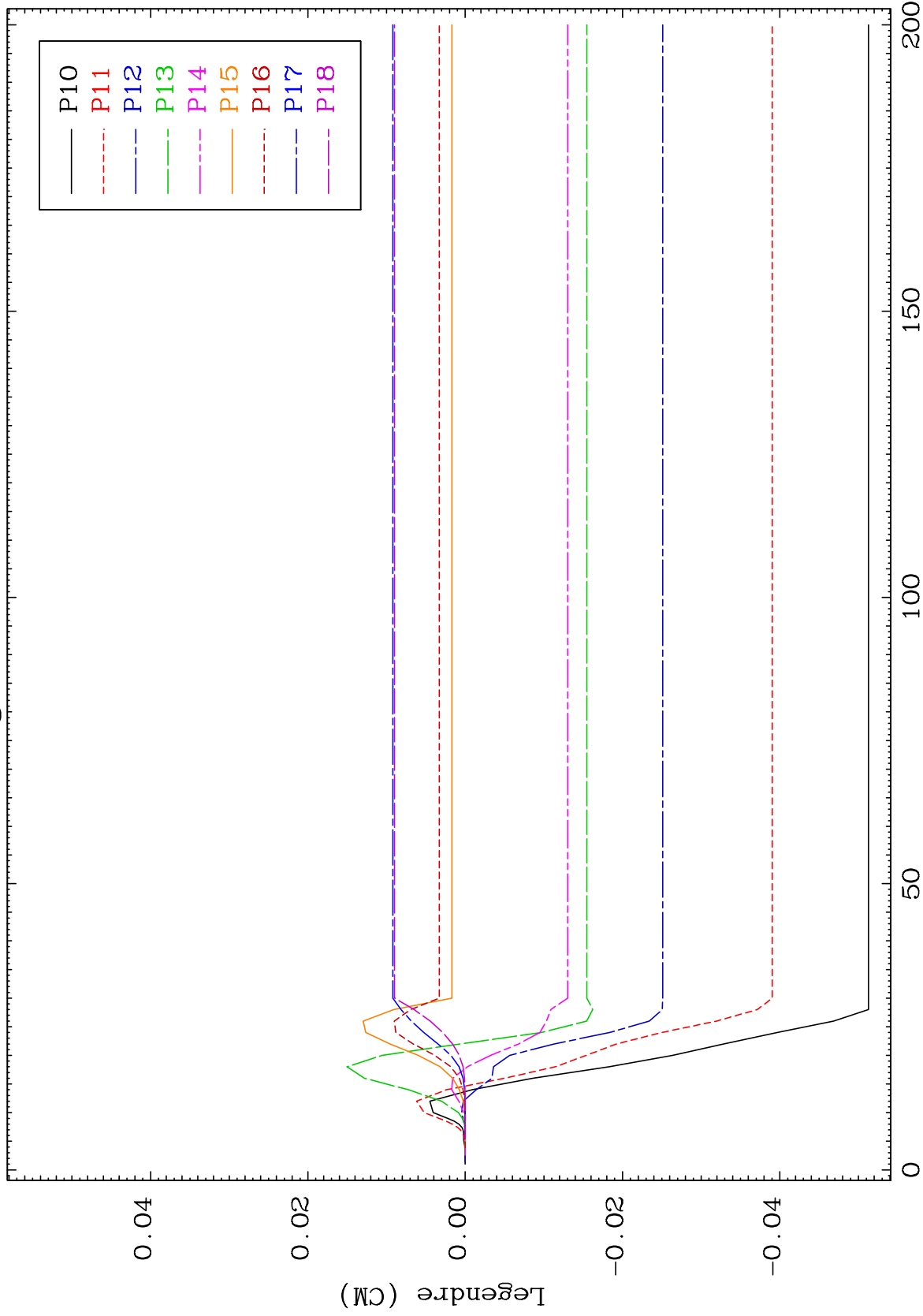
Incident Energy (MeV)

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MAT 4904

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

49-In-106



21

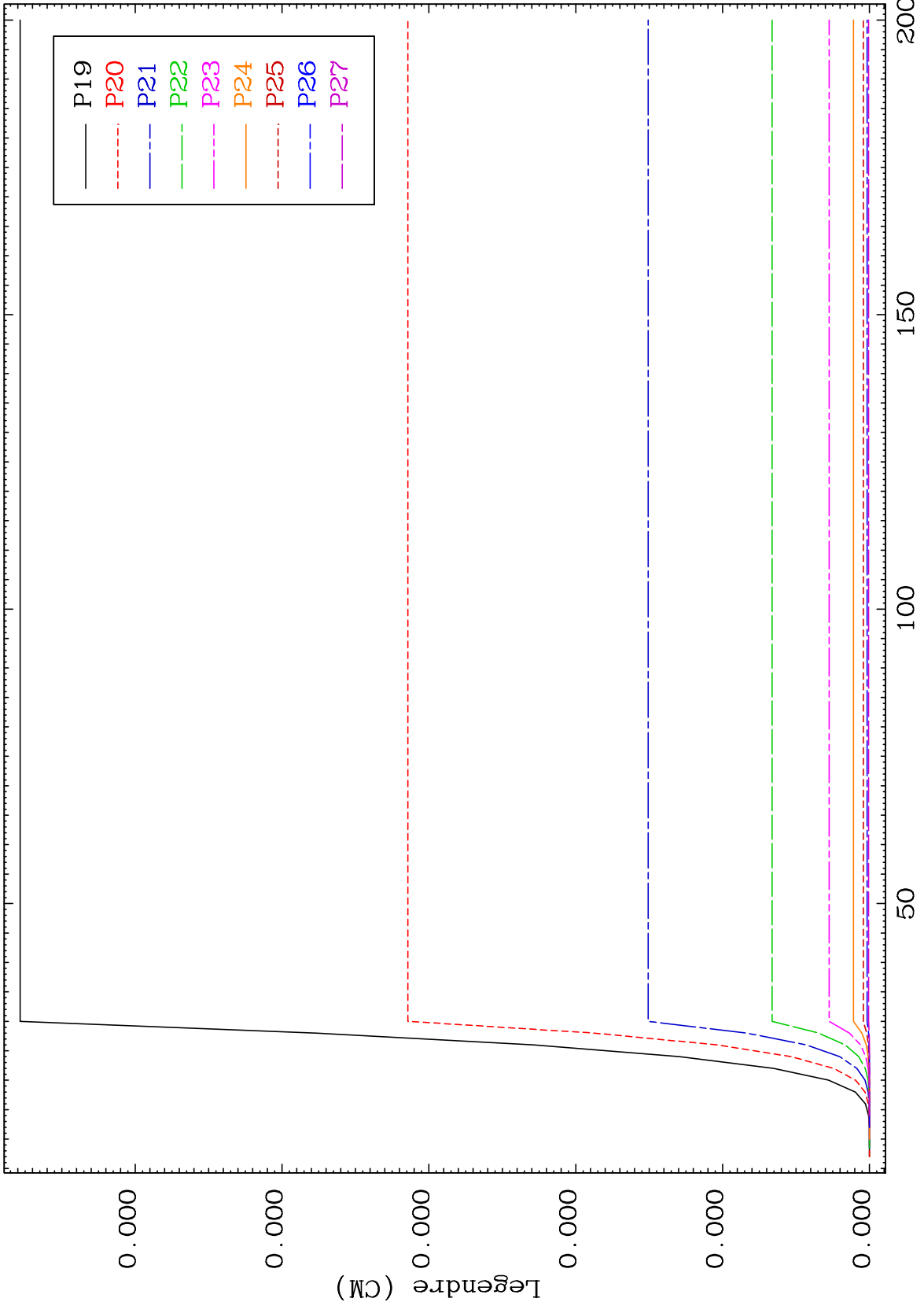
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



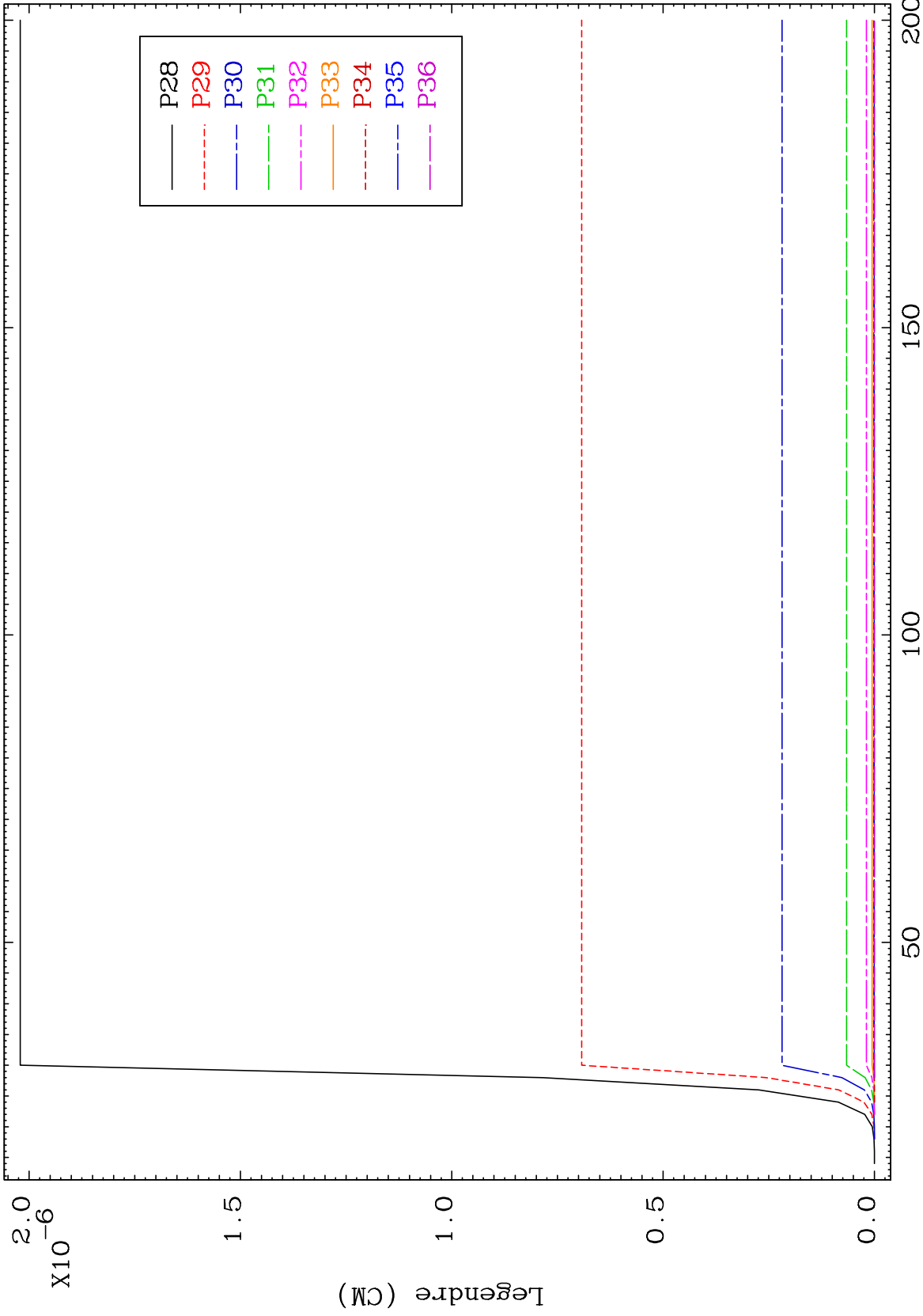
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49-In-106

MAT 4904

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

49-In-106



23

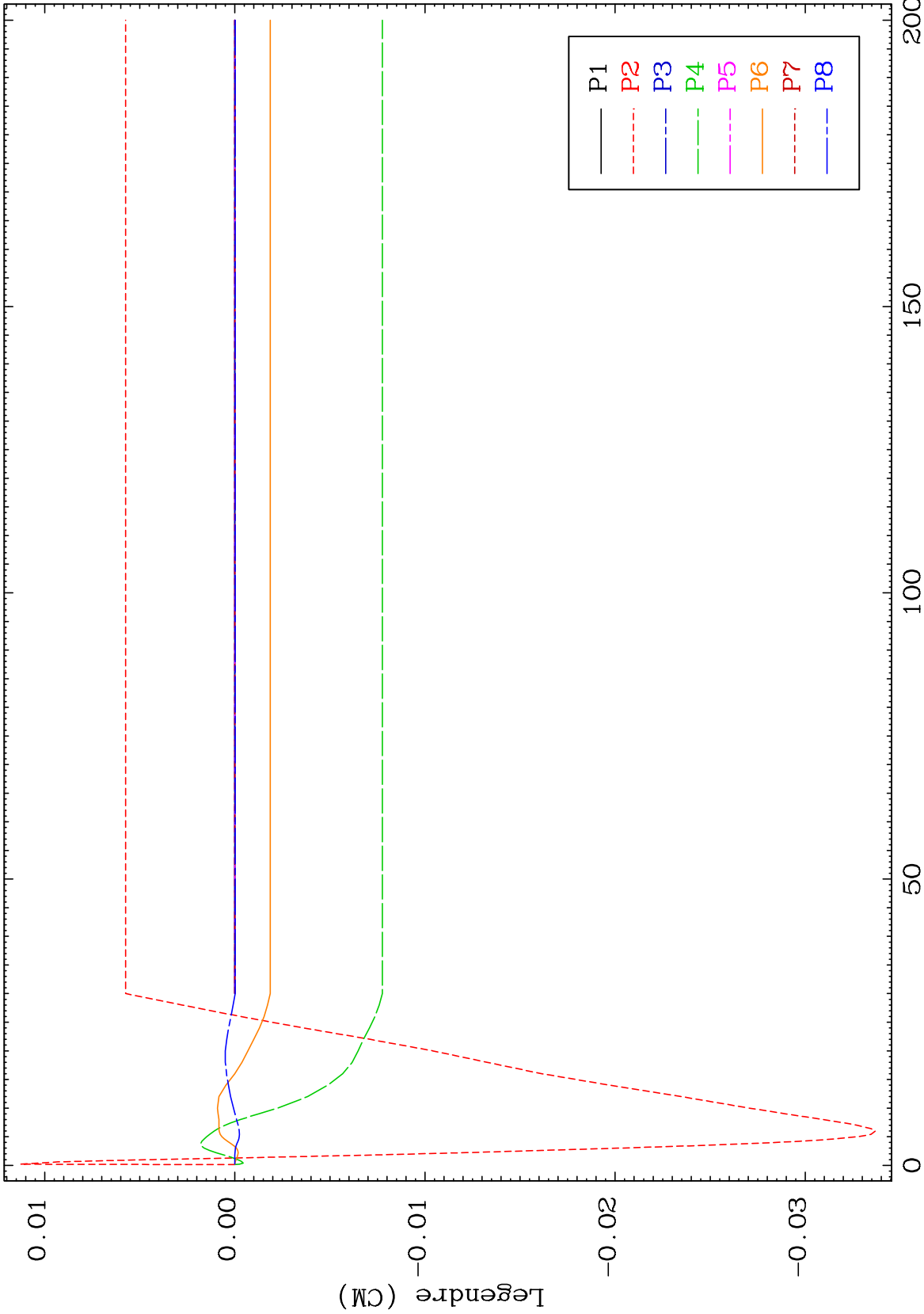
49-In-106



MAT 4904

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

49-In-106



24

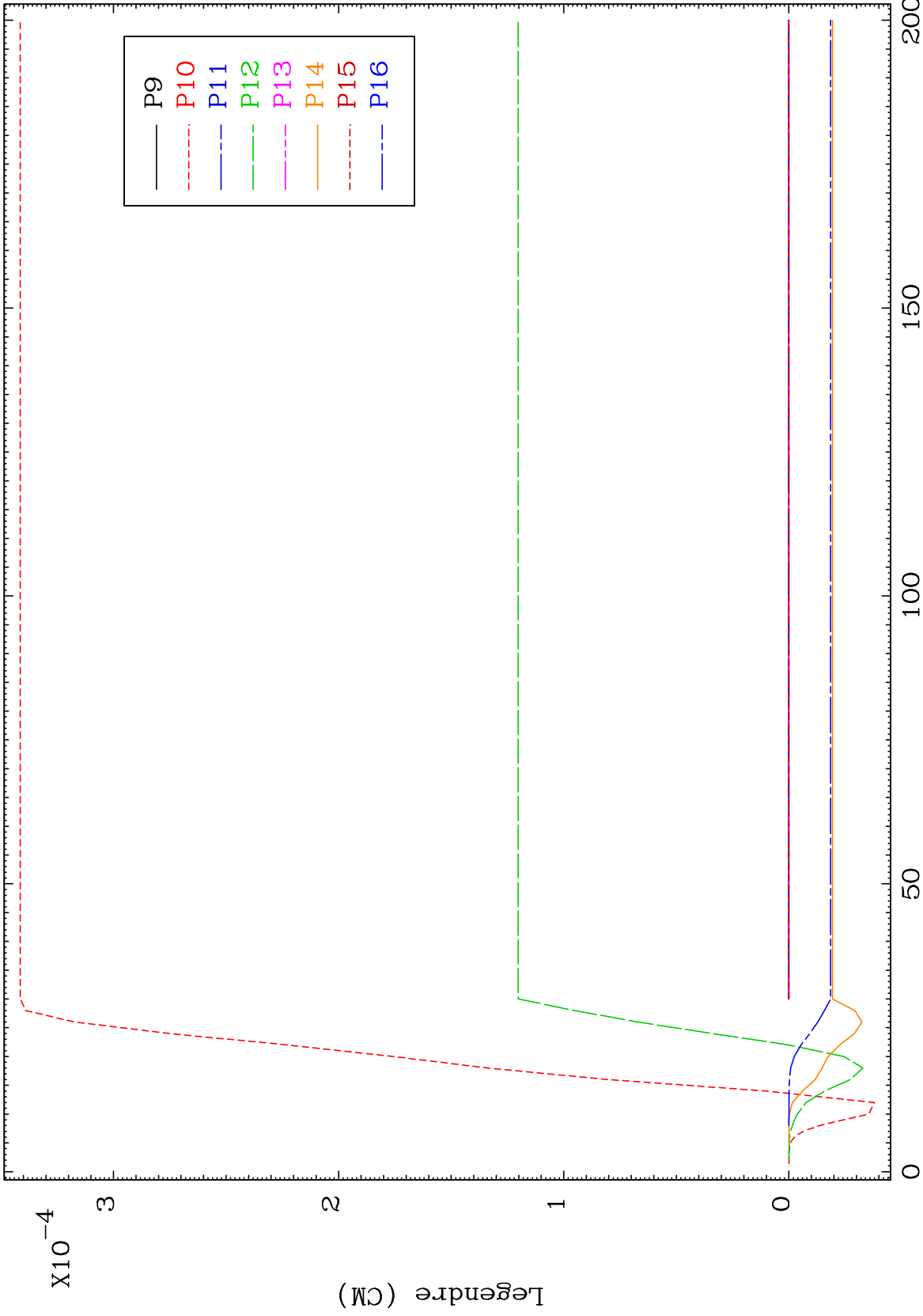
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



25

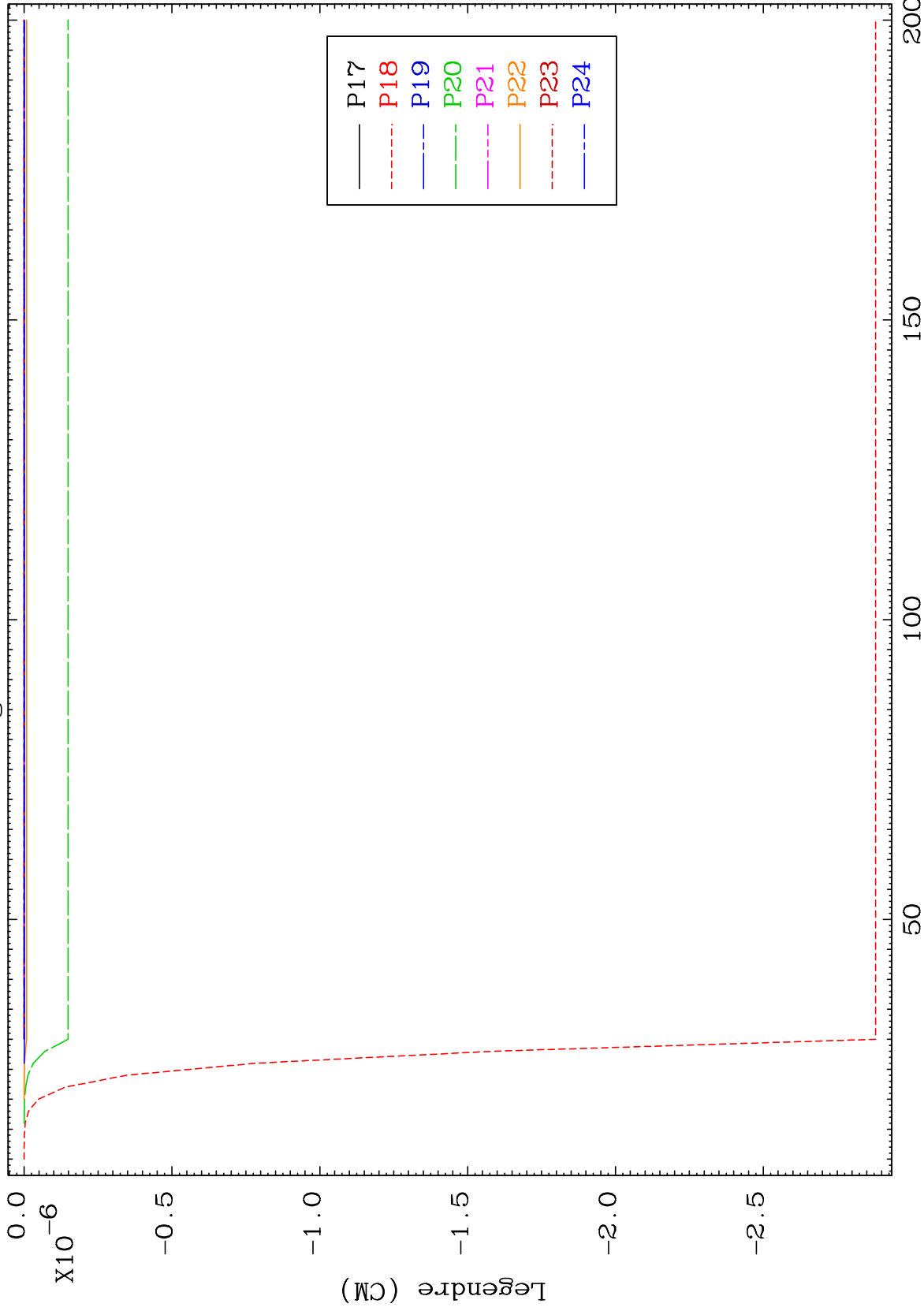
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



26

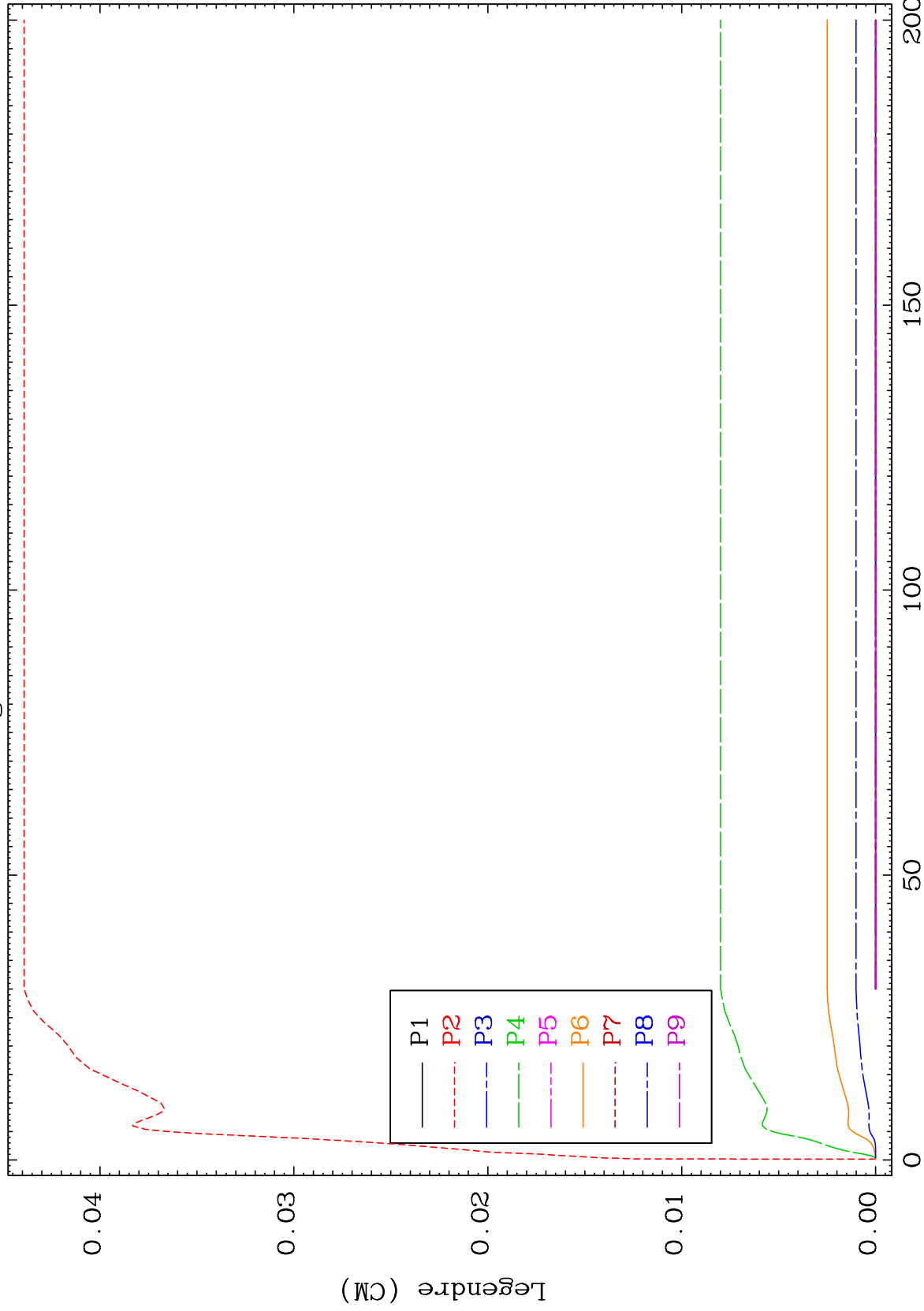
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



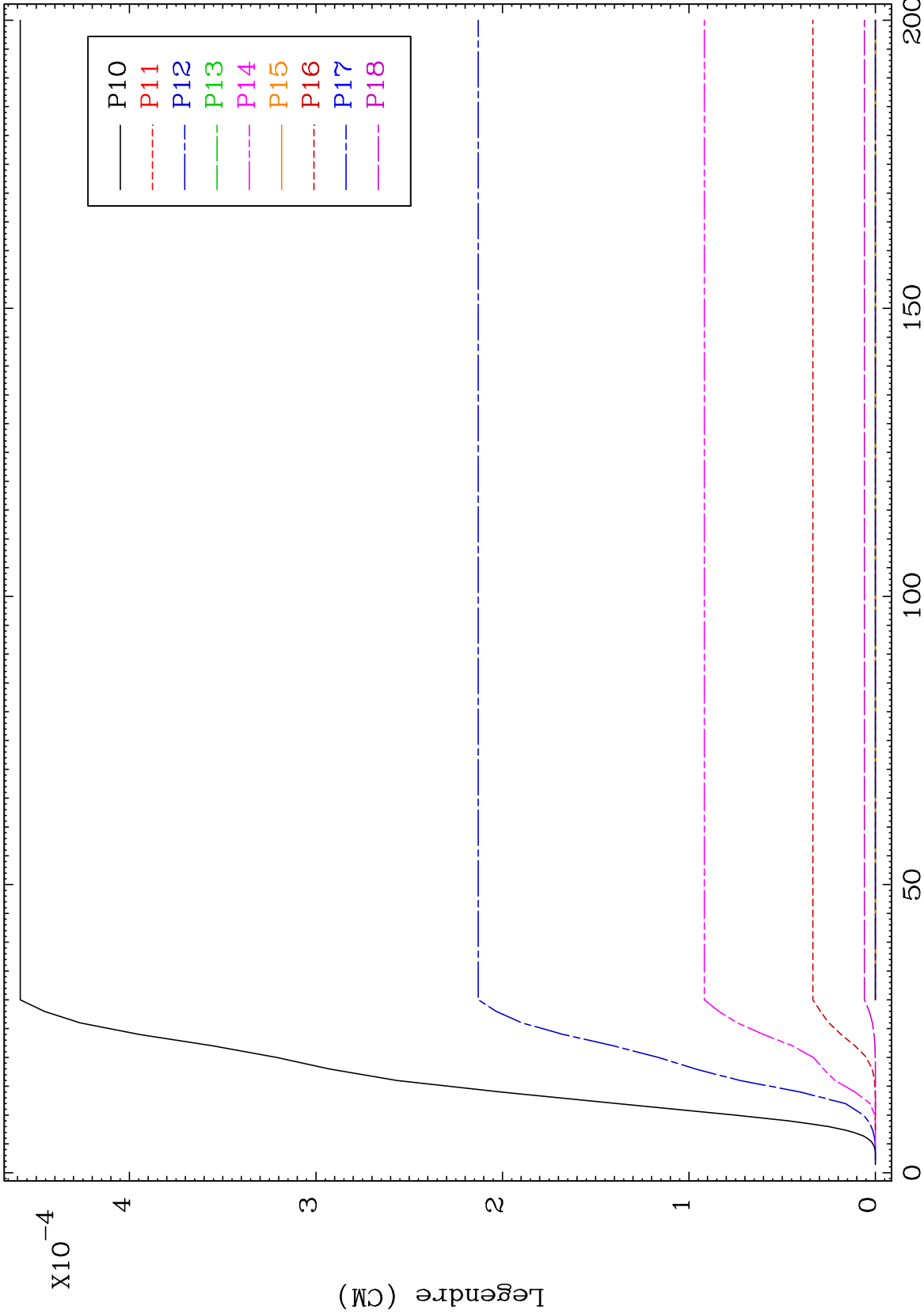
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49-In-106

MAT 4904

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

49-In-106



28

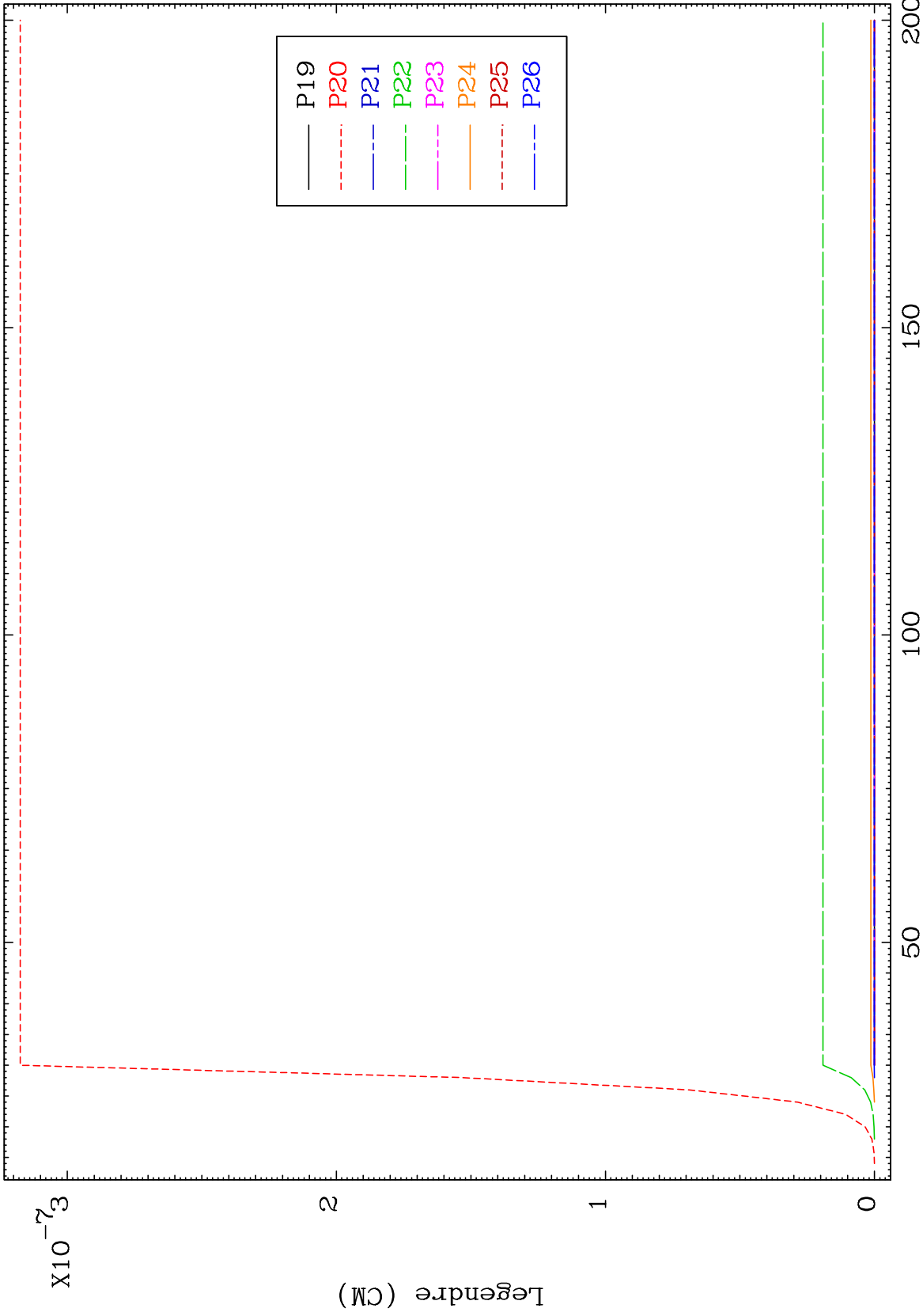
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



29

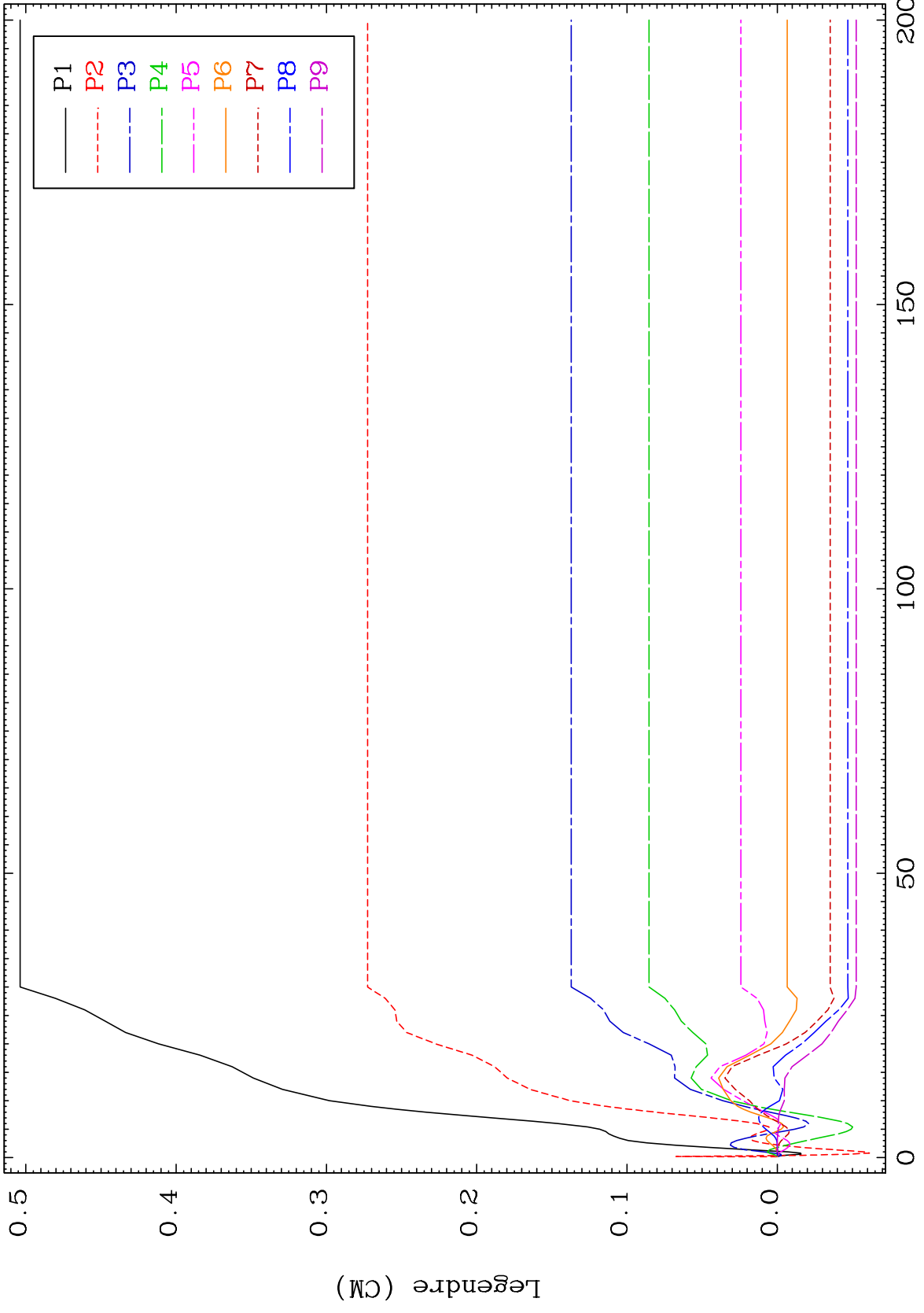
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

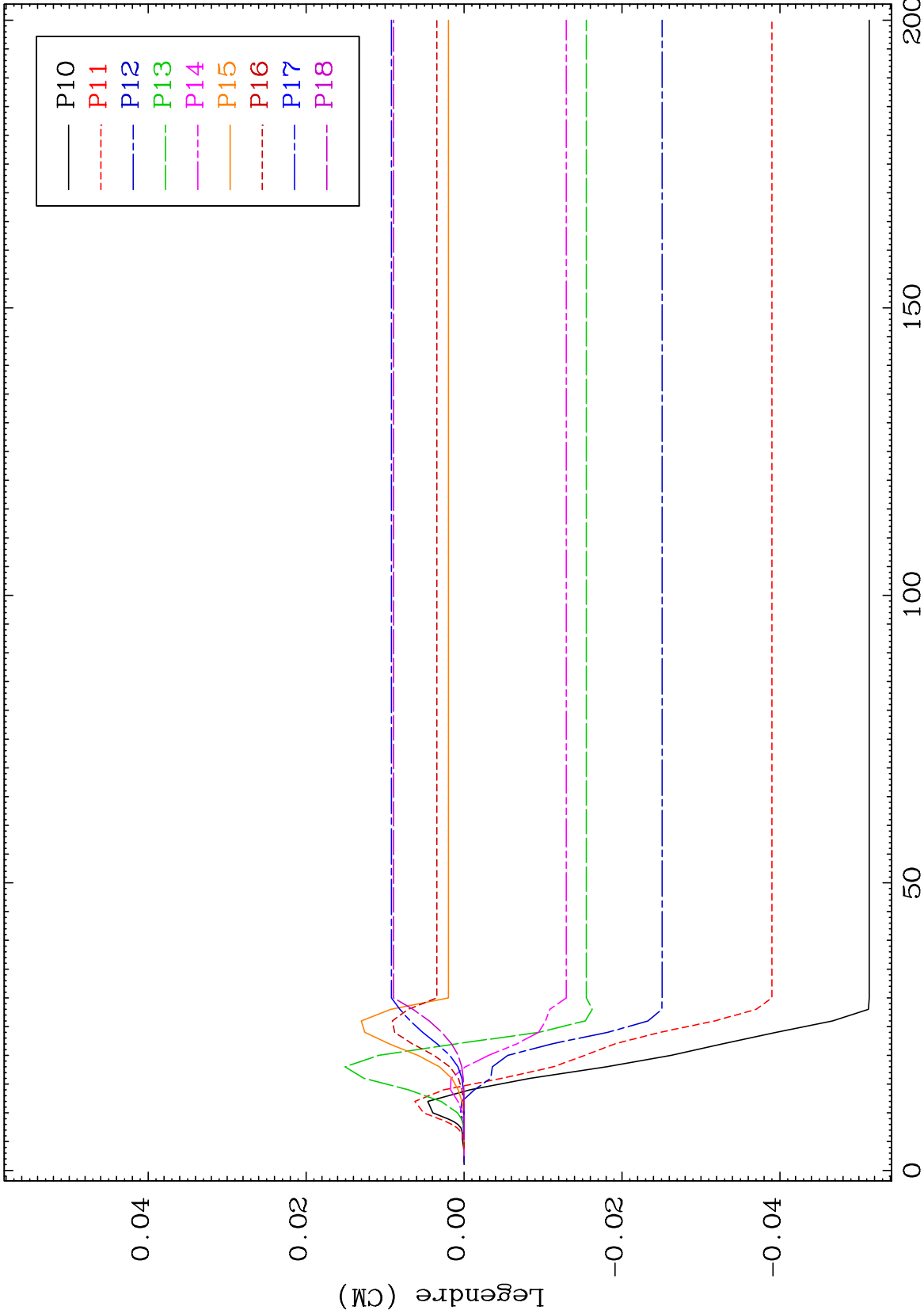
Incident Energy (MeV)

30

MAT 4904

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

49-In-106



31

Incident Energy (MeV)

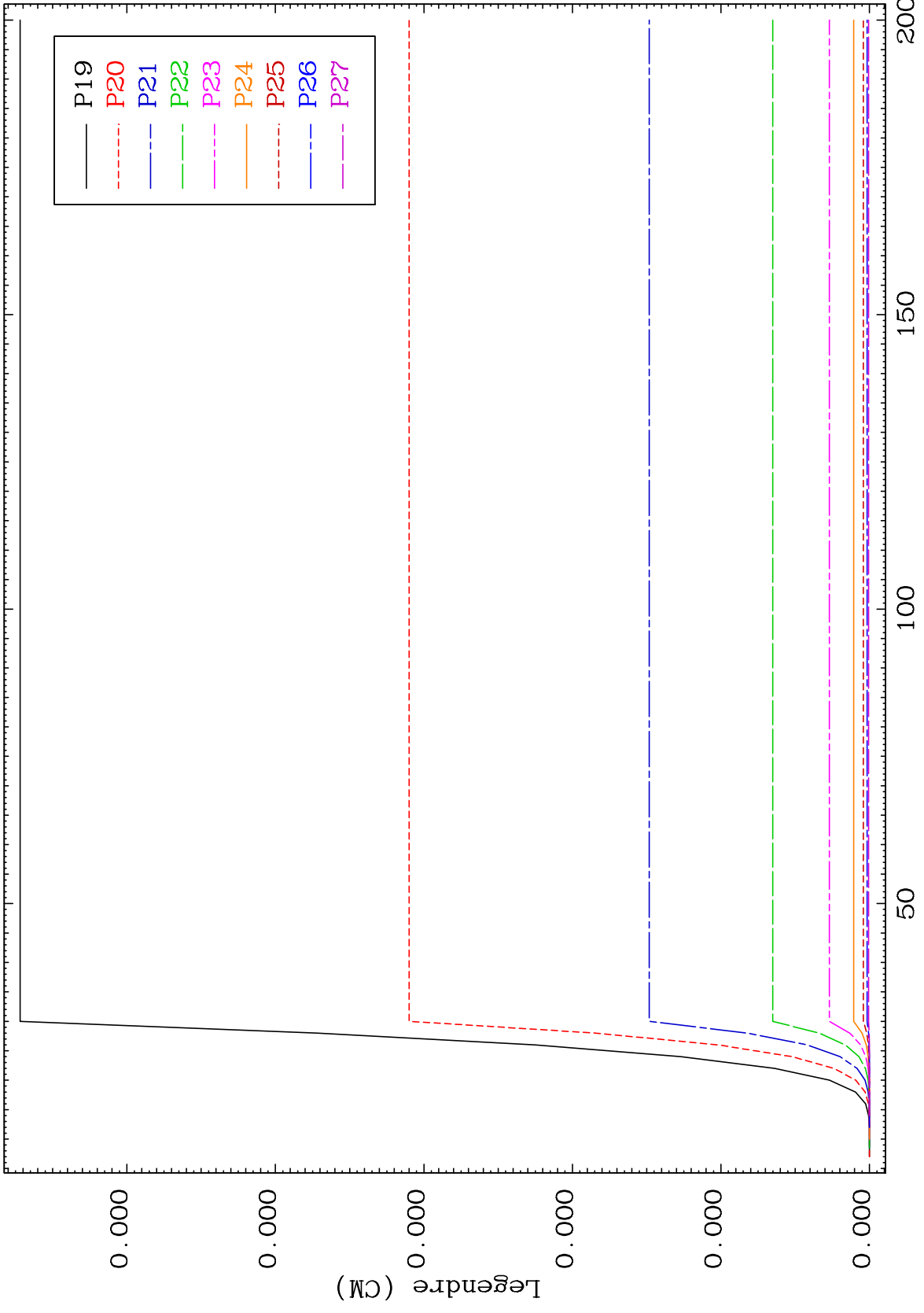
49-In-106



MAT 4904

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

49-In-106



32

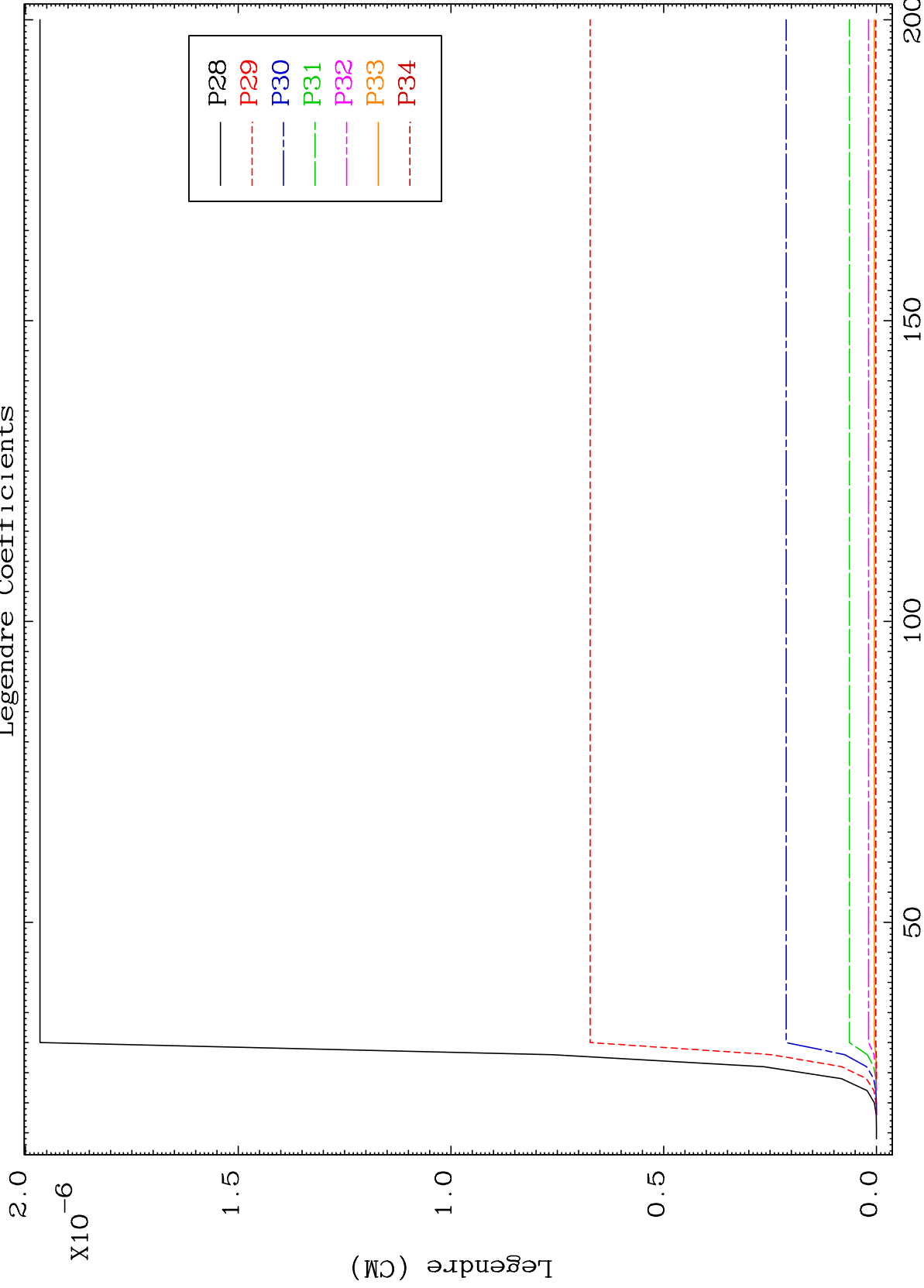
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



33

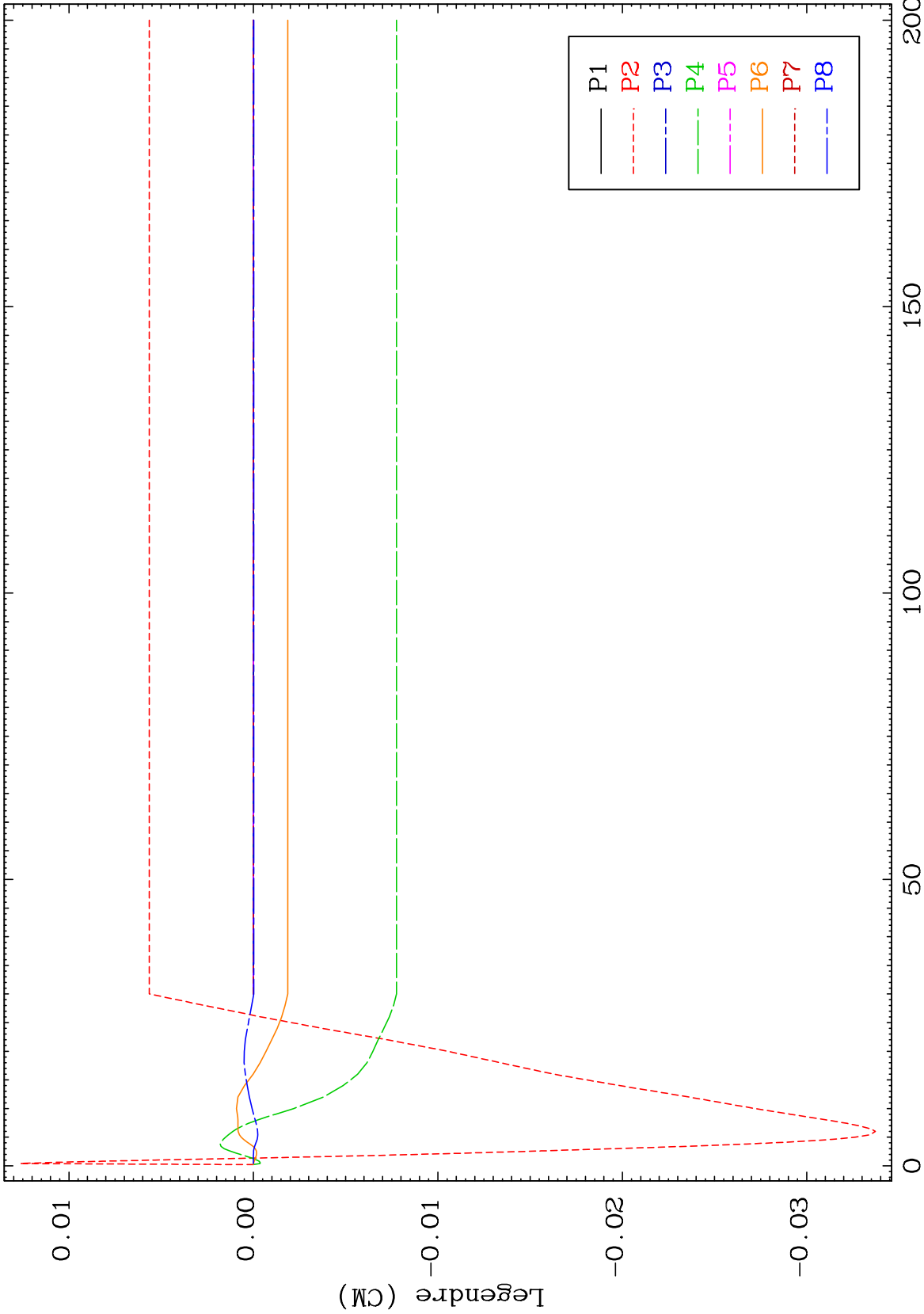
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



34

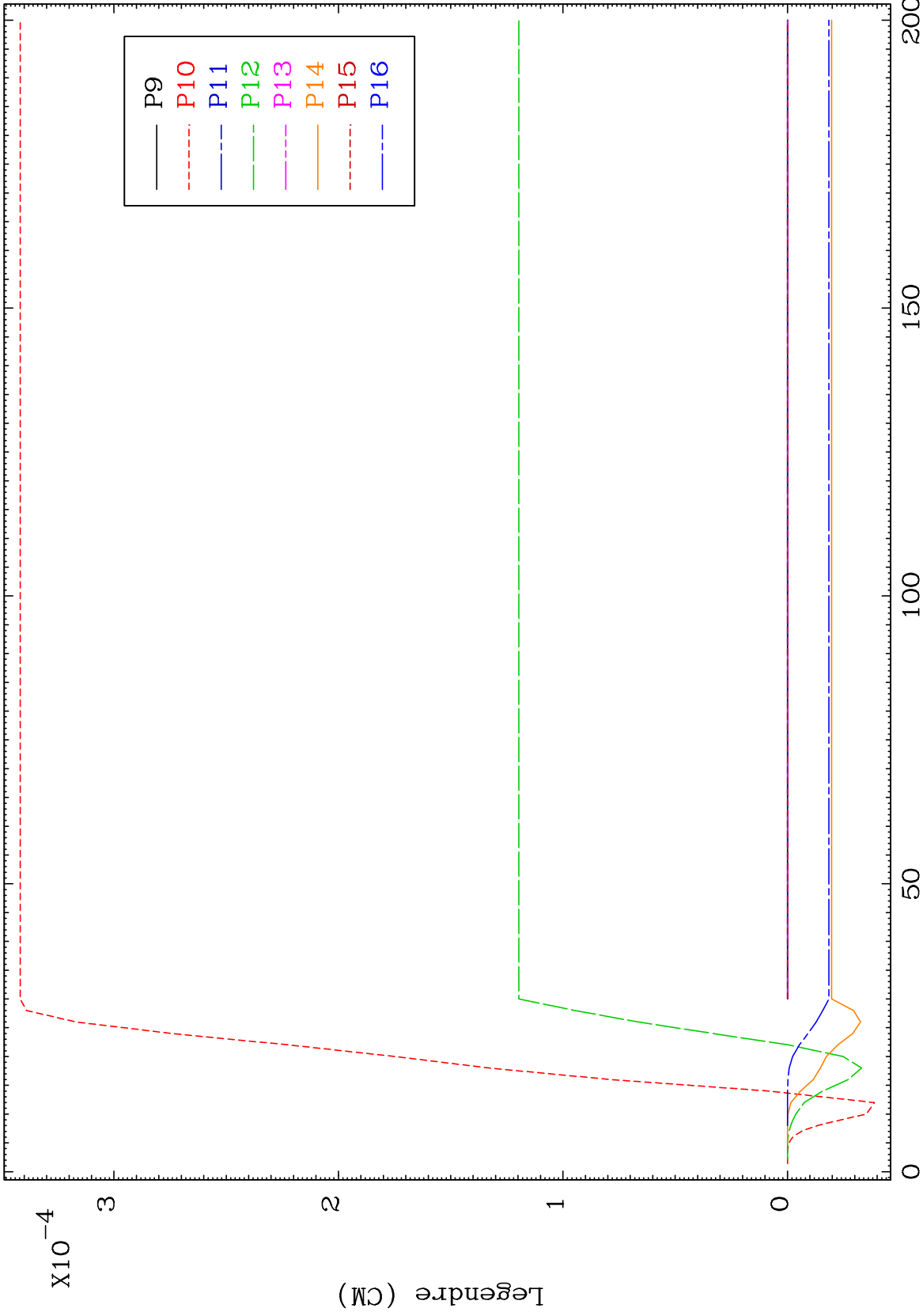
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



35

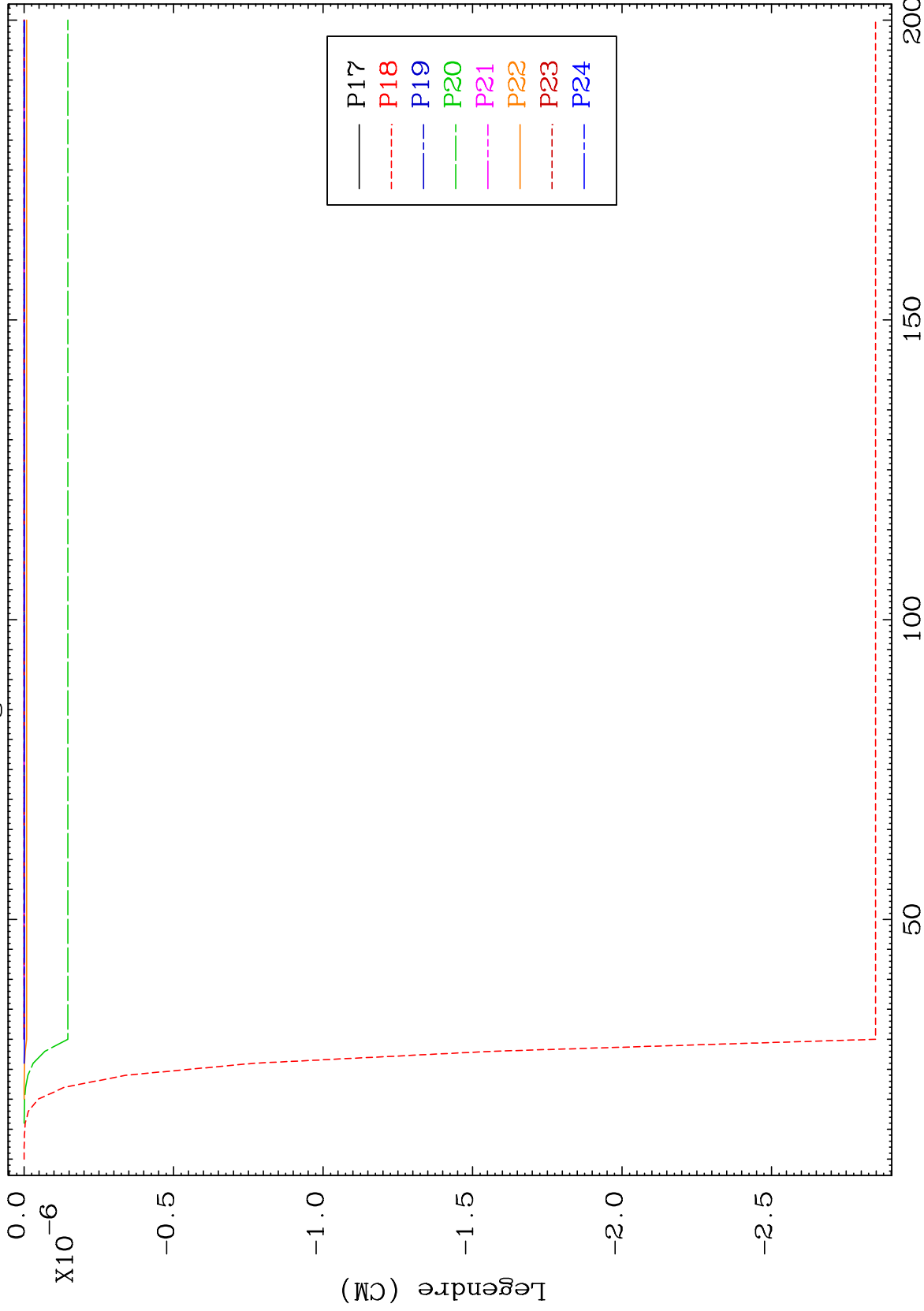
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



36

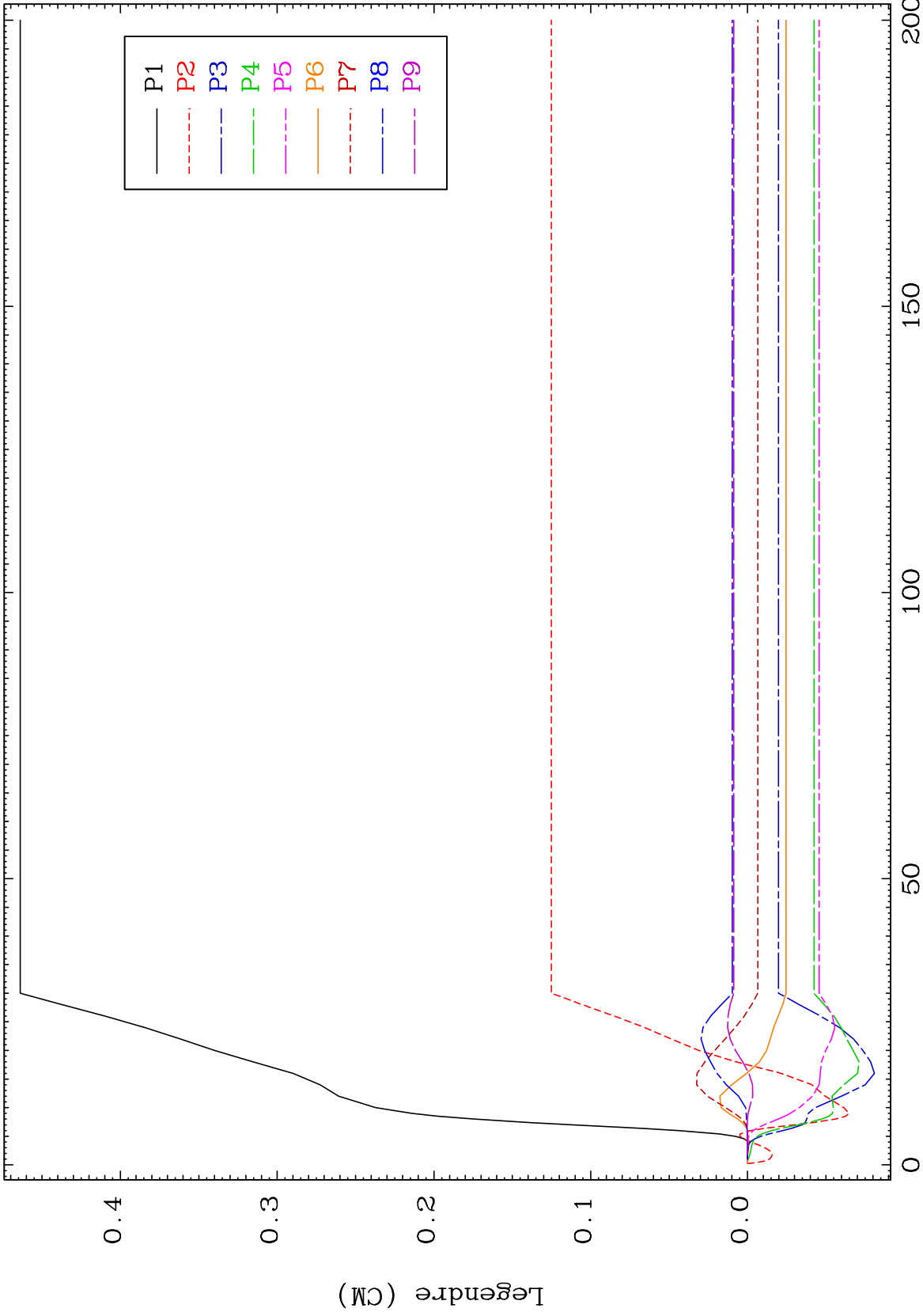
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106

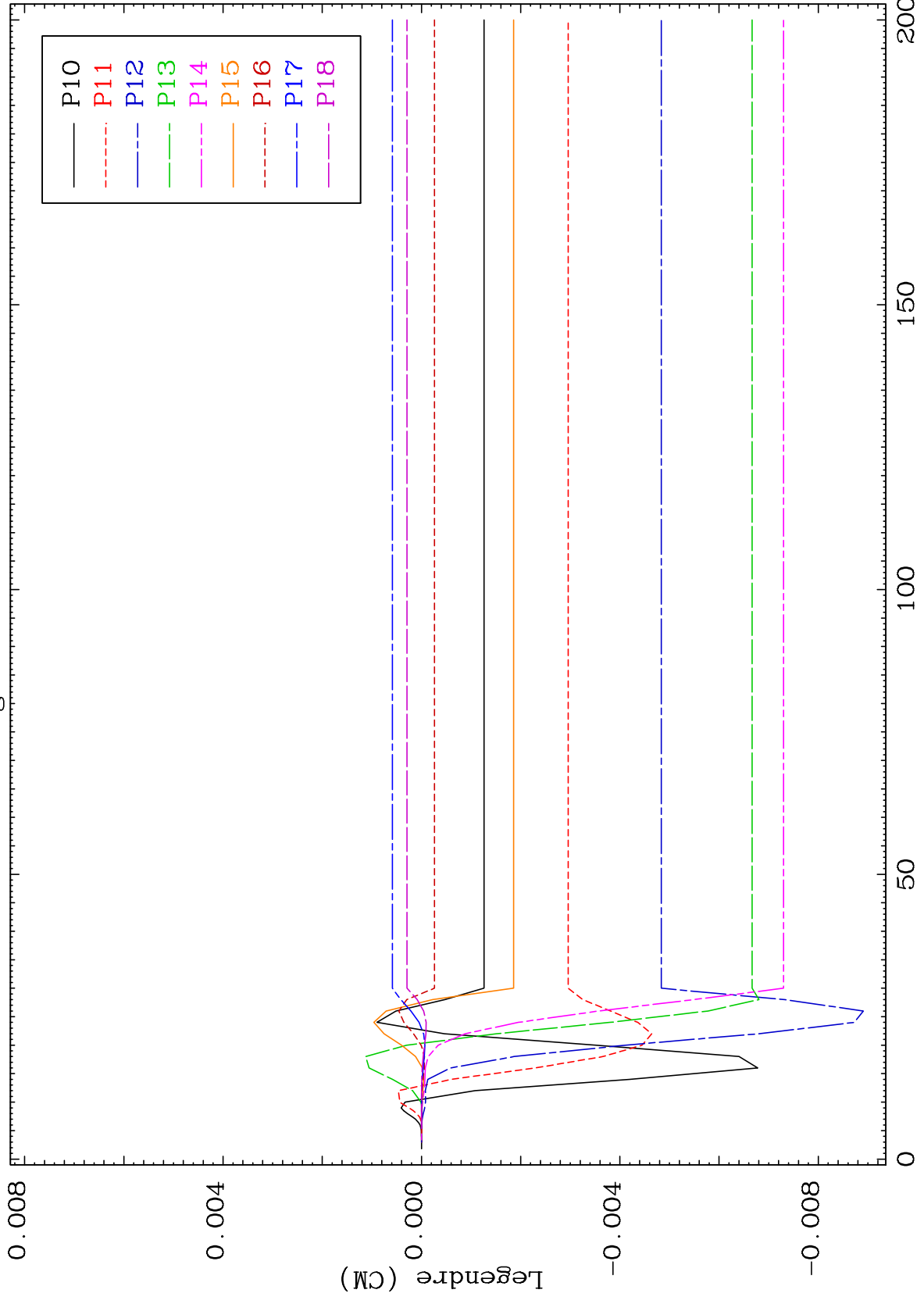


37

Incident Energy (MeV)

49-In-106

MAT 4904 MT= 56 (n,n') Level Legendre Coefficients 49-In-106

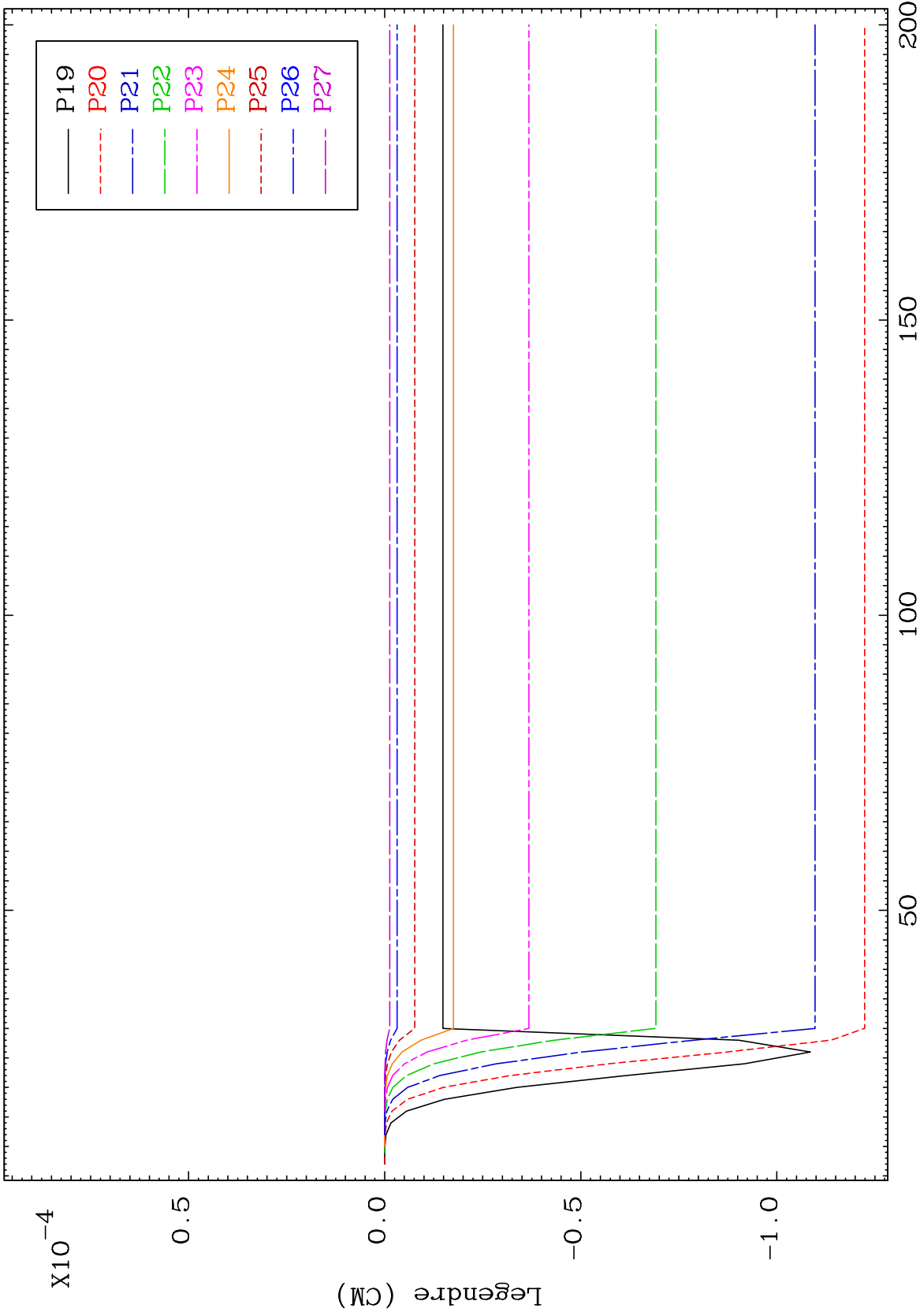


38 49-In-106

MAT 4904

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

49-In-106



39

Incident Energy (MeV)

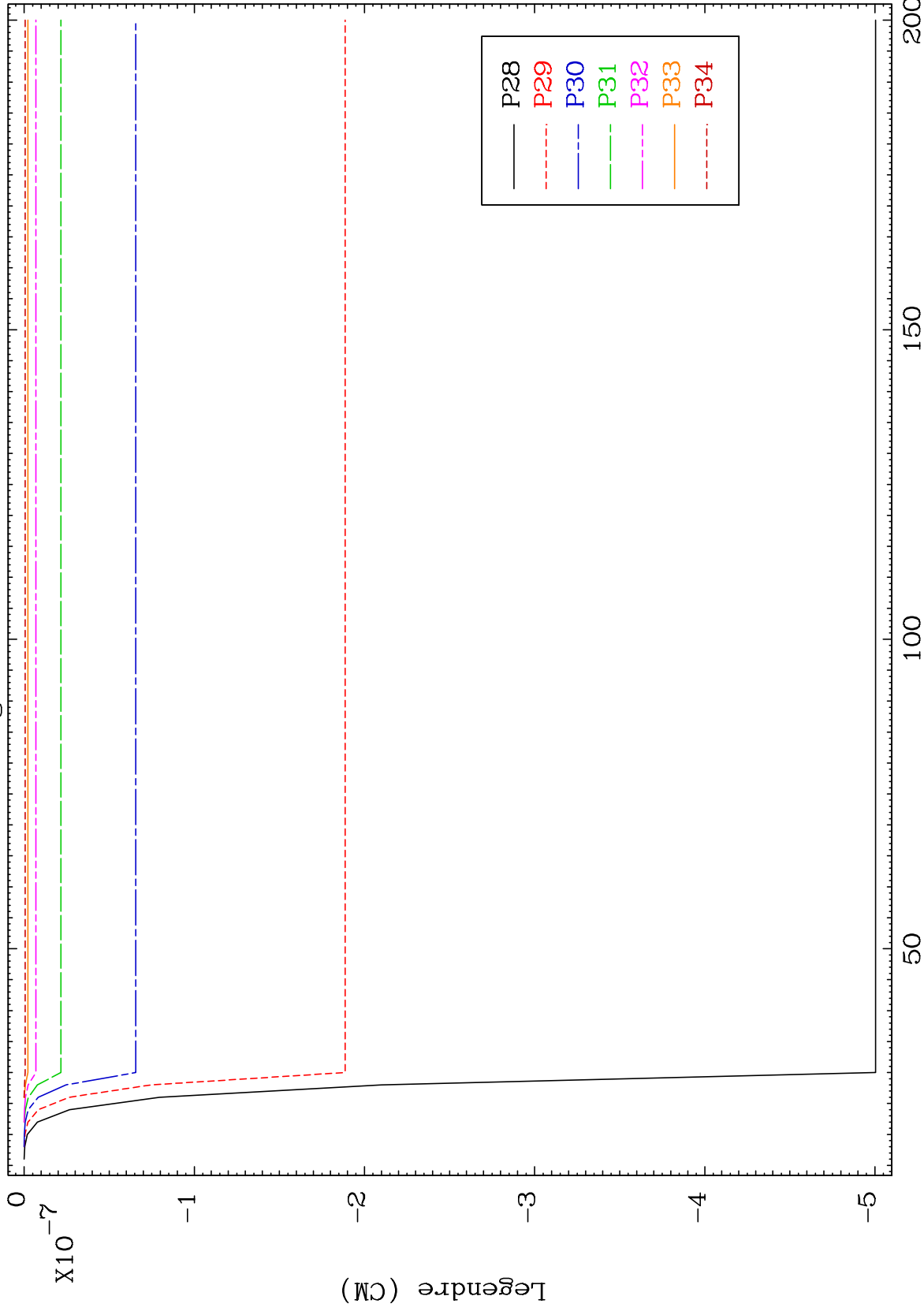
49-In-106



MAT 4904

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

49-In-106



49-In-106

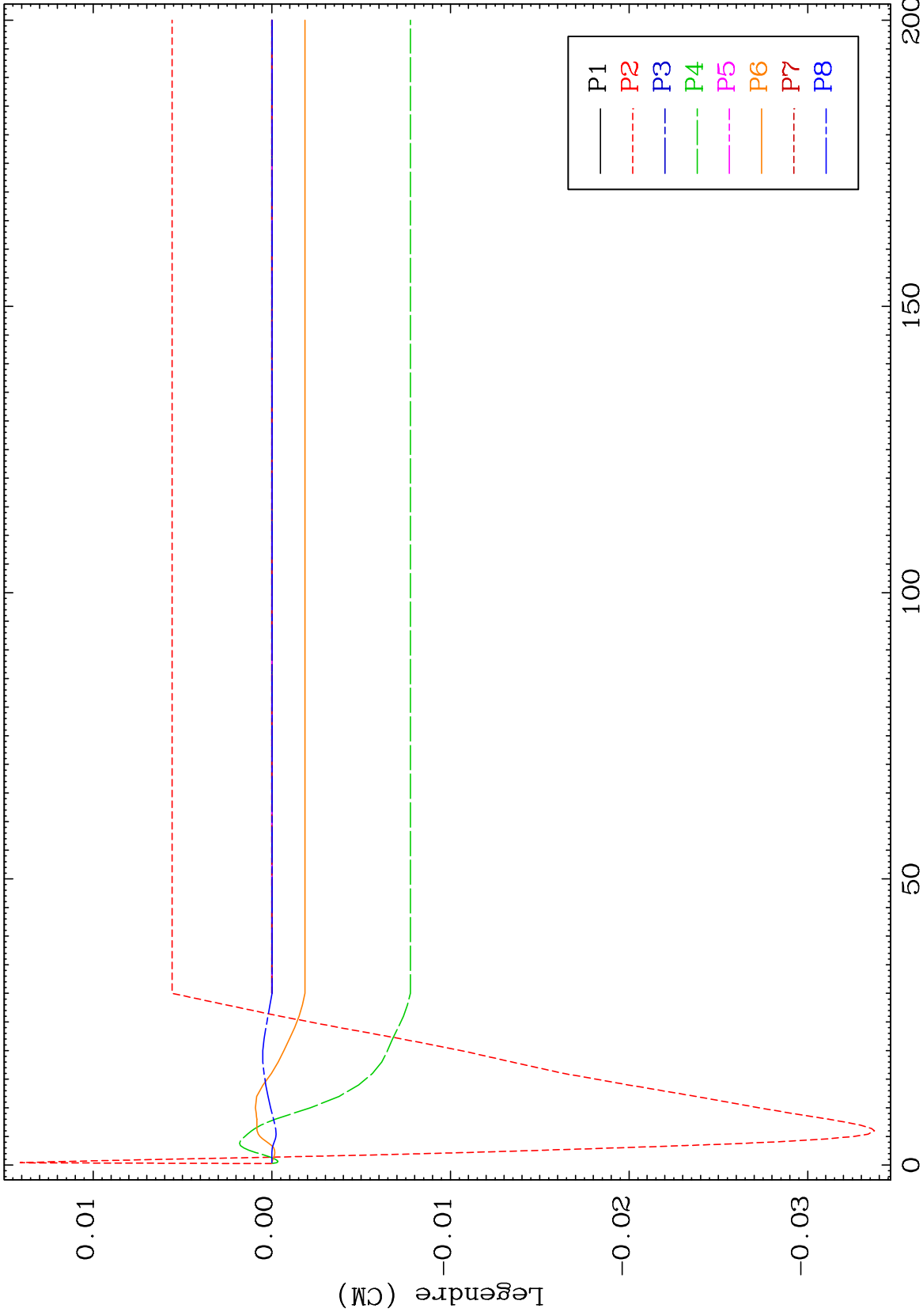
Incident Energy (MeV)

40

MAT 4904

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

49-In-106



41

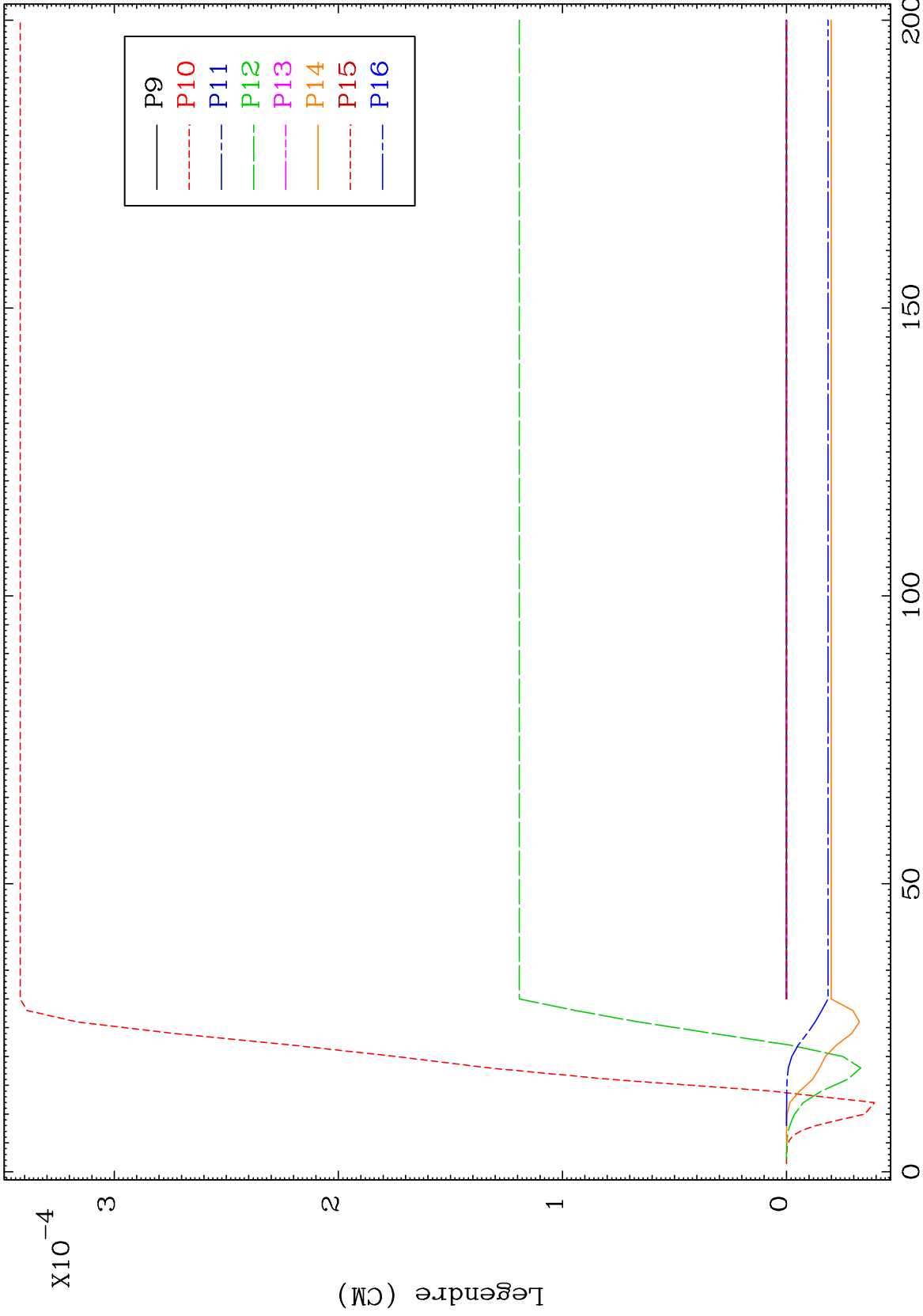
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



42

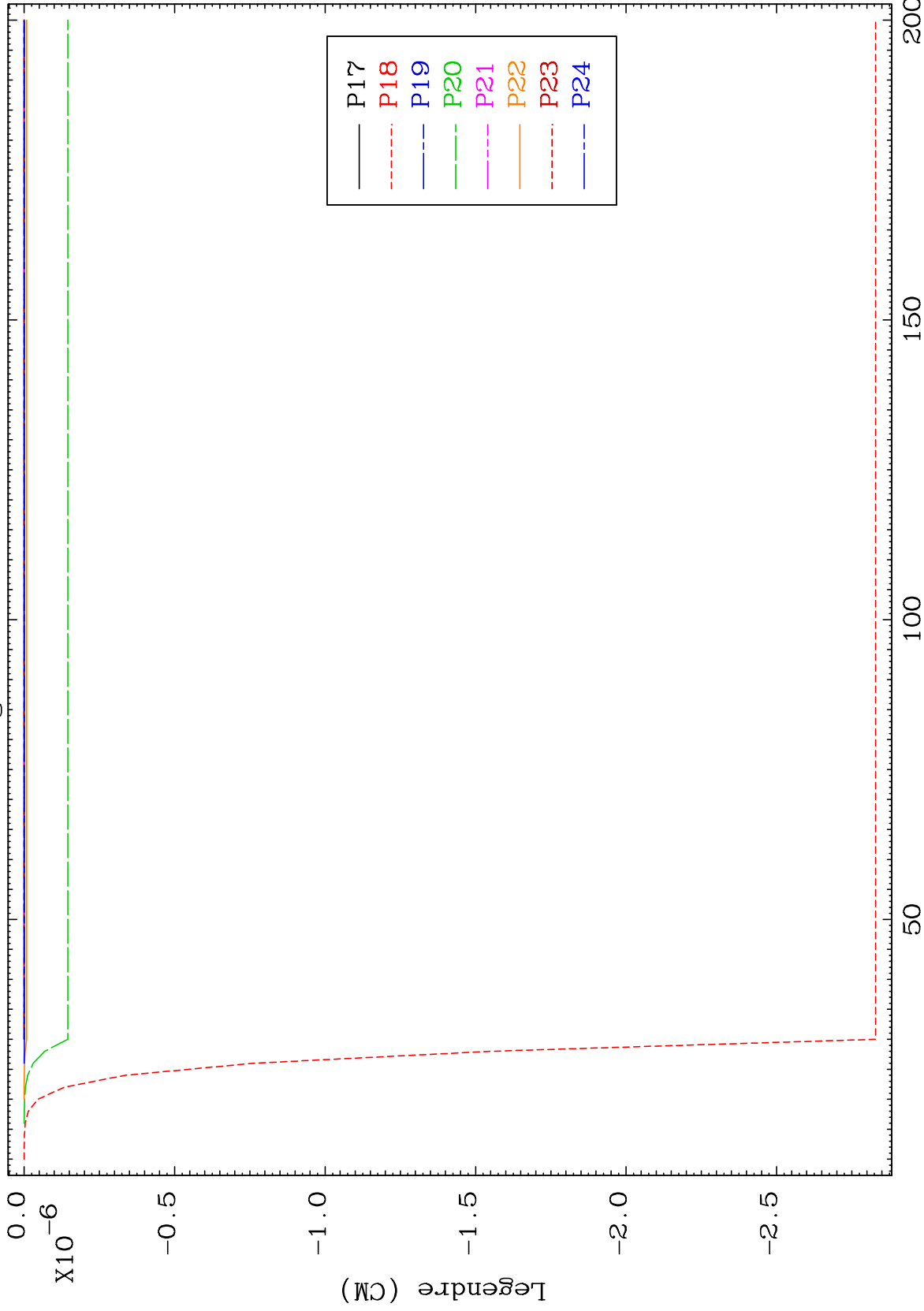
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



43

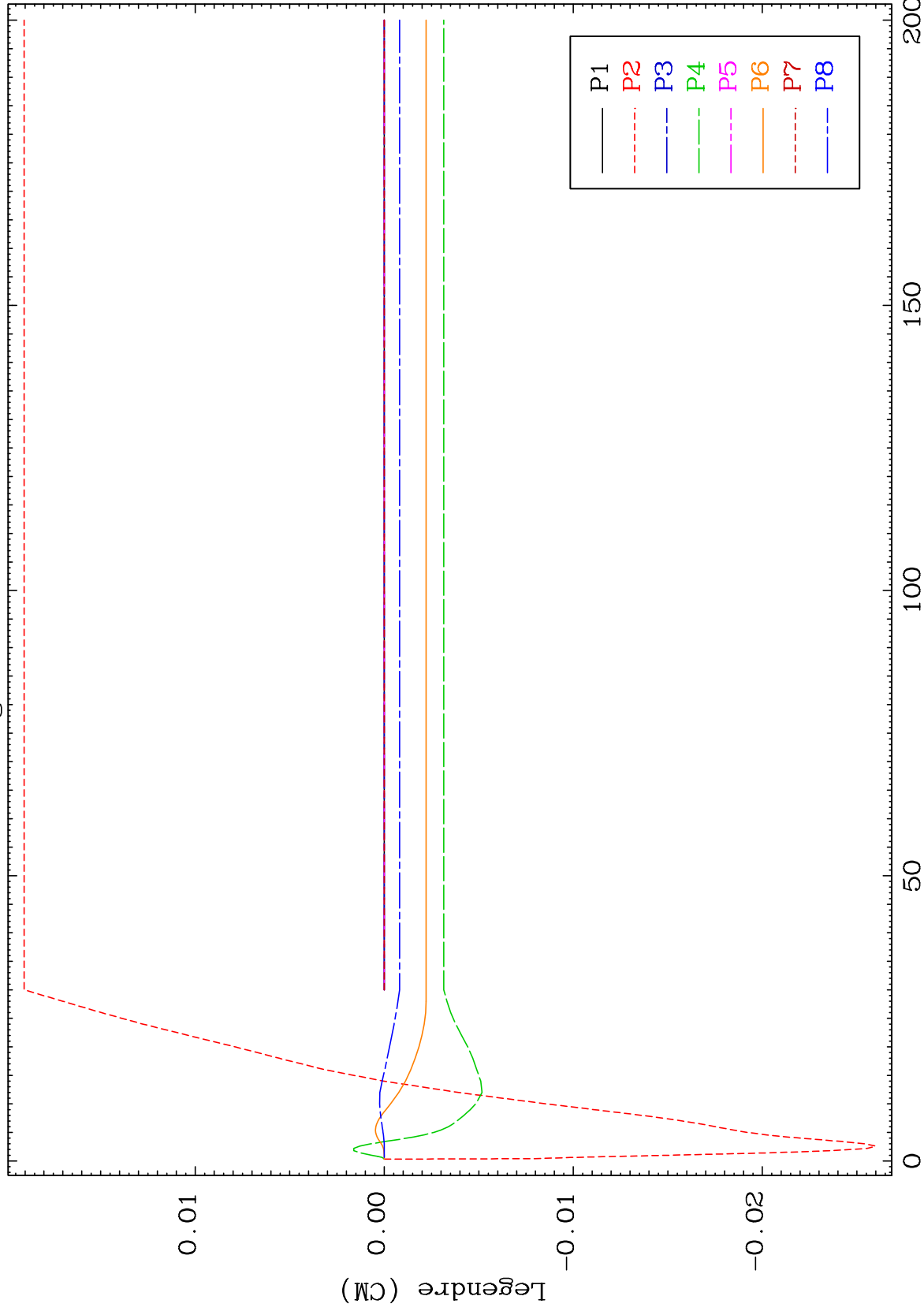
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



44

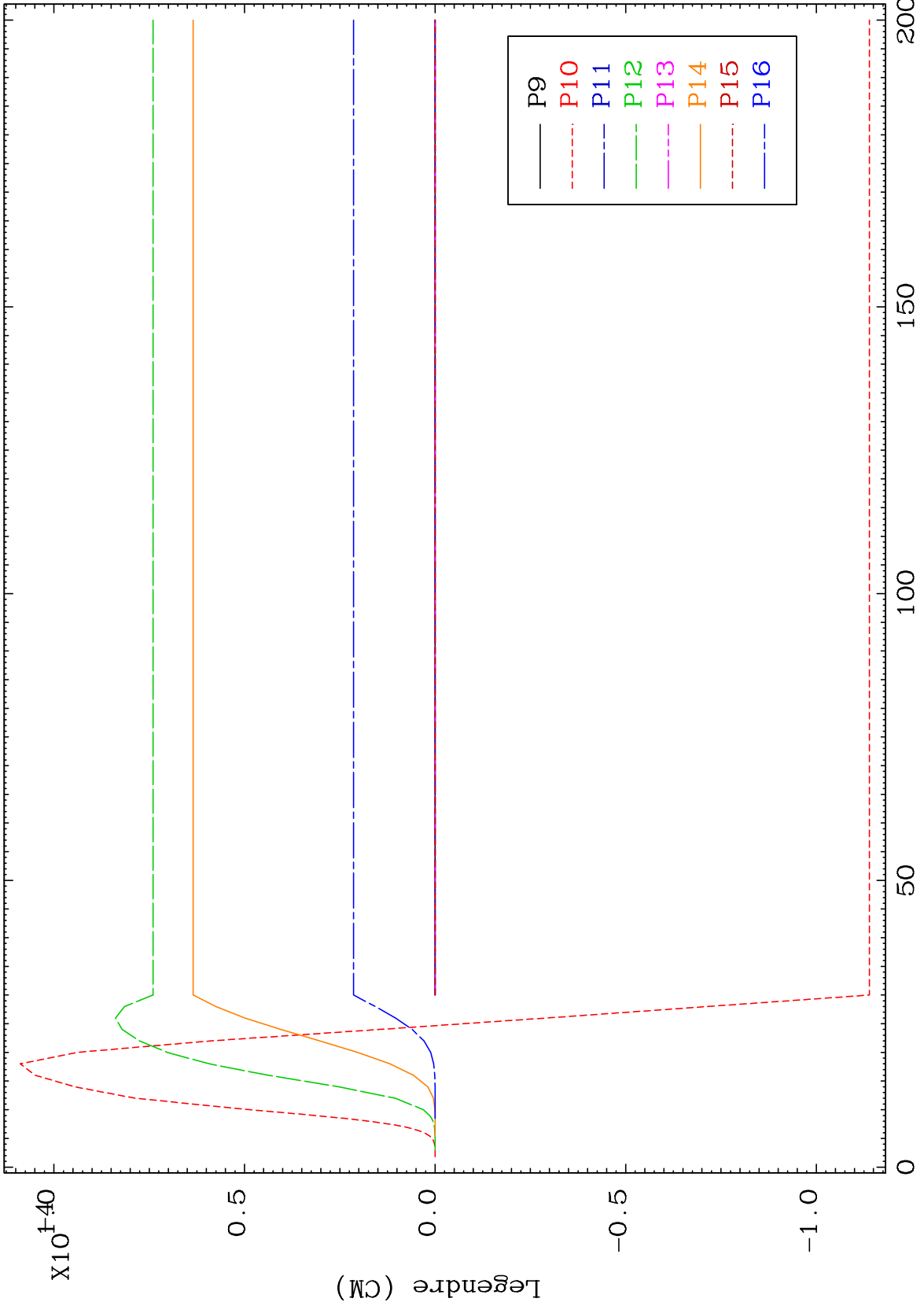
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



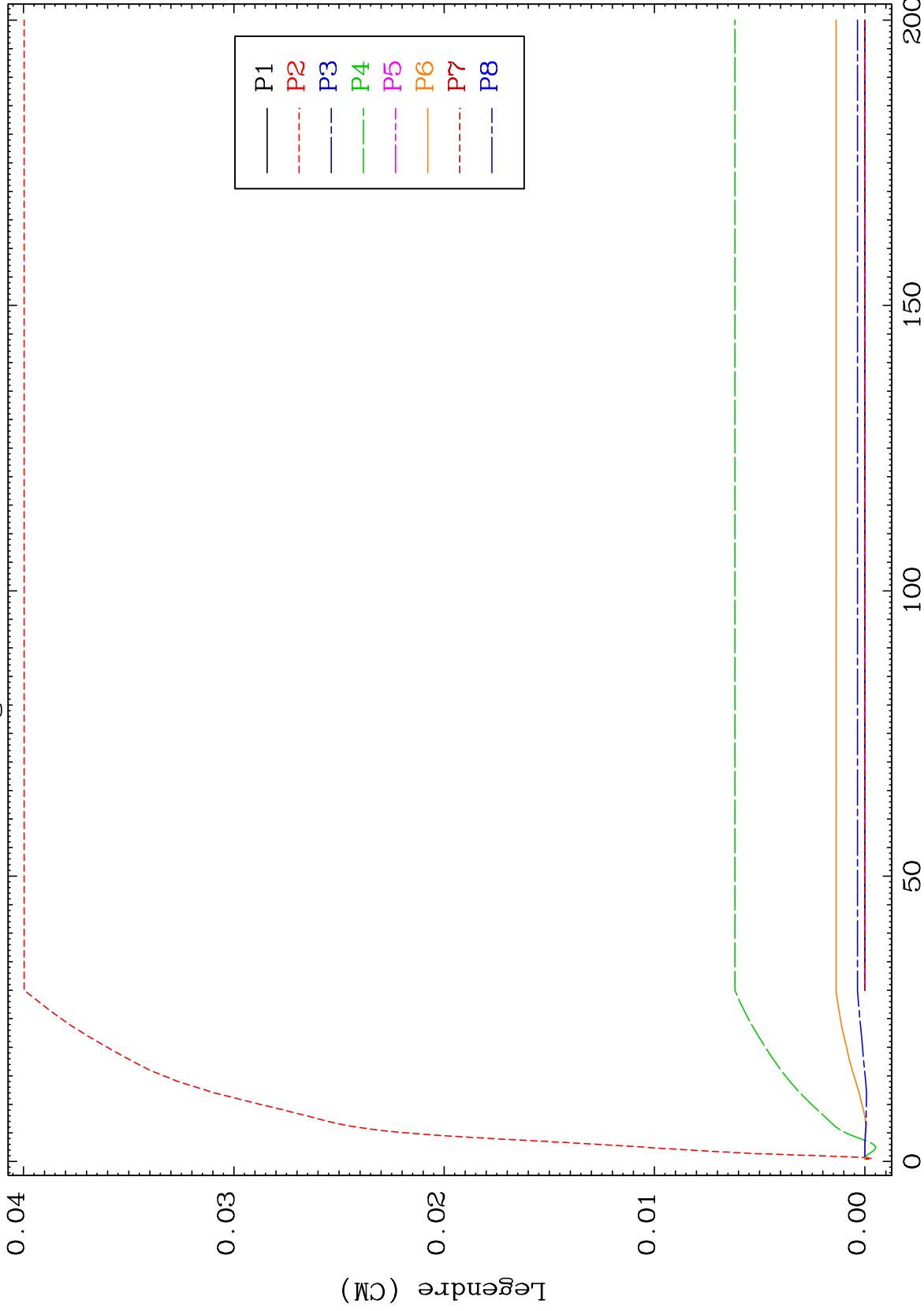
45

Incident Energy (MeV)

49-In-106



MAT 4904 MT= 59 (n,n') Level Legendre Coefficients 49-In-106



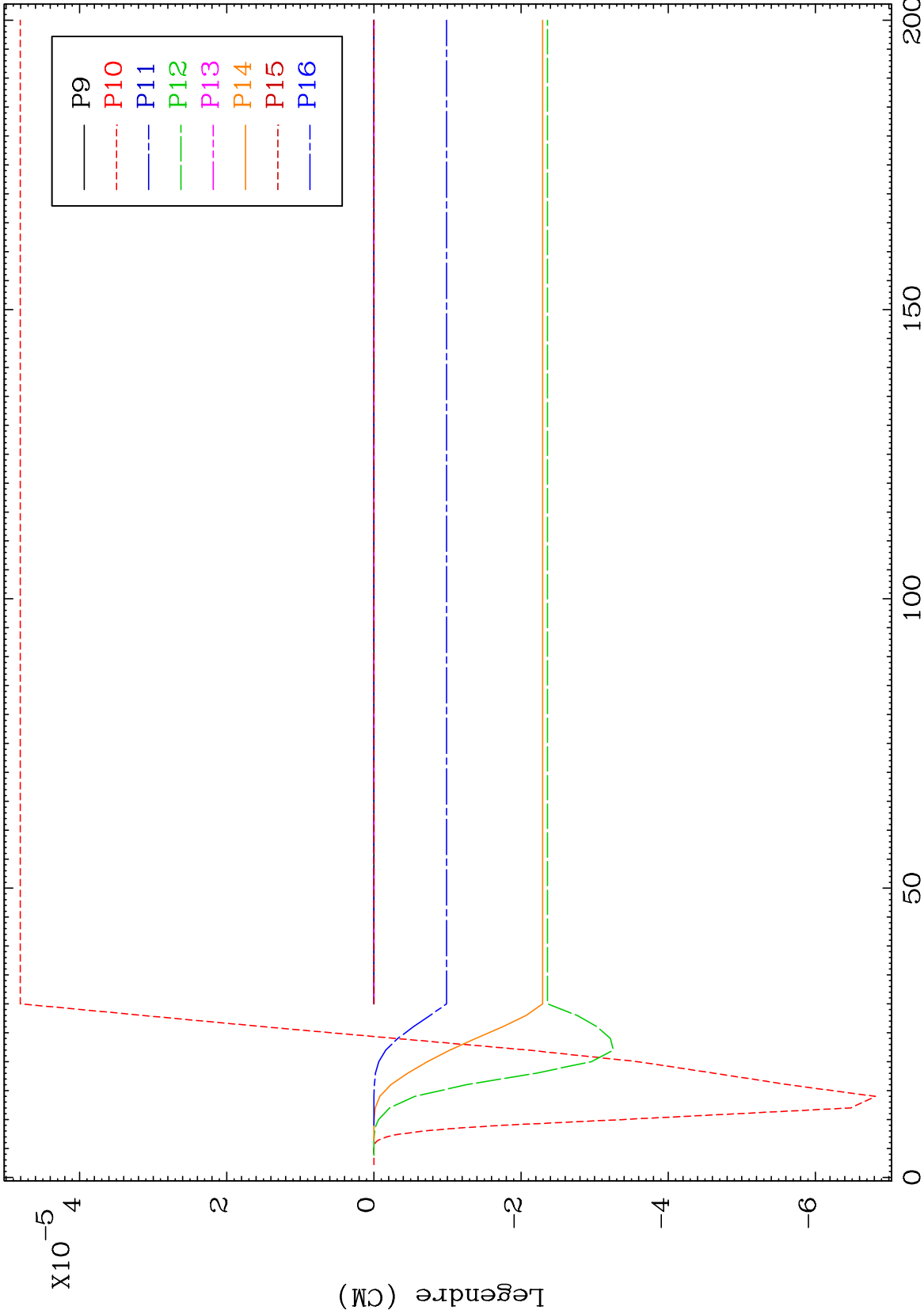
47 Incident Energy (MeV) 49-In-106



MAT 4904

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

49-In-106

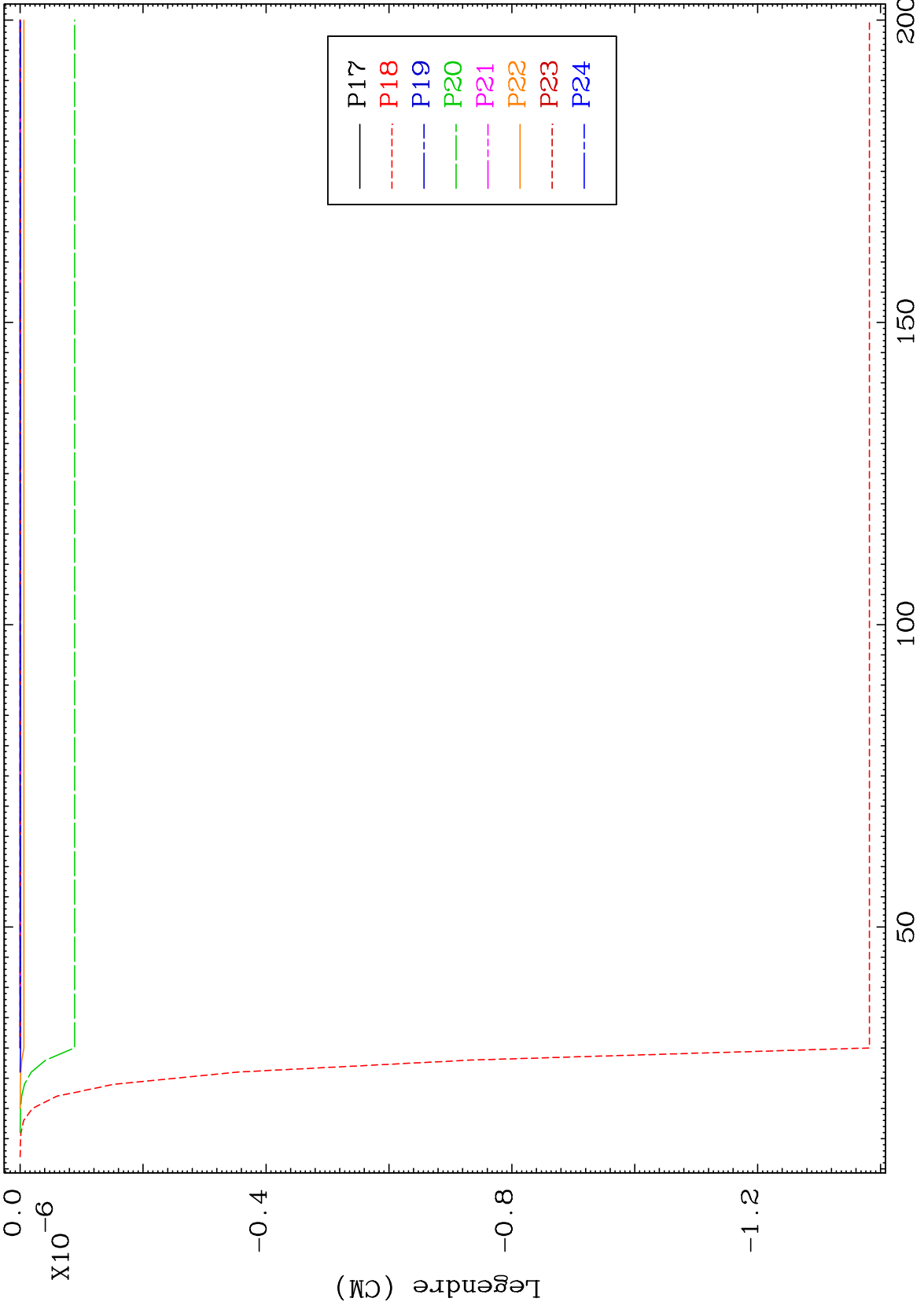


48

Incident Energy (MeV)

49-In-106

MAT 4904 MT= 59 (n,n') Level Legendre Coefficients 49-In-106

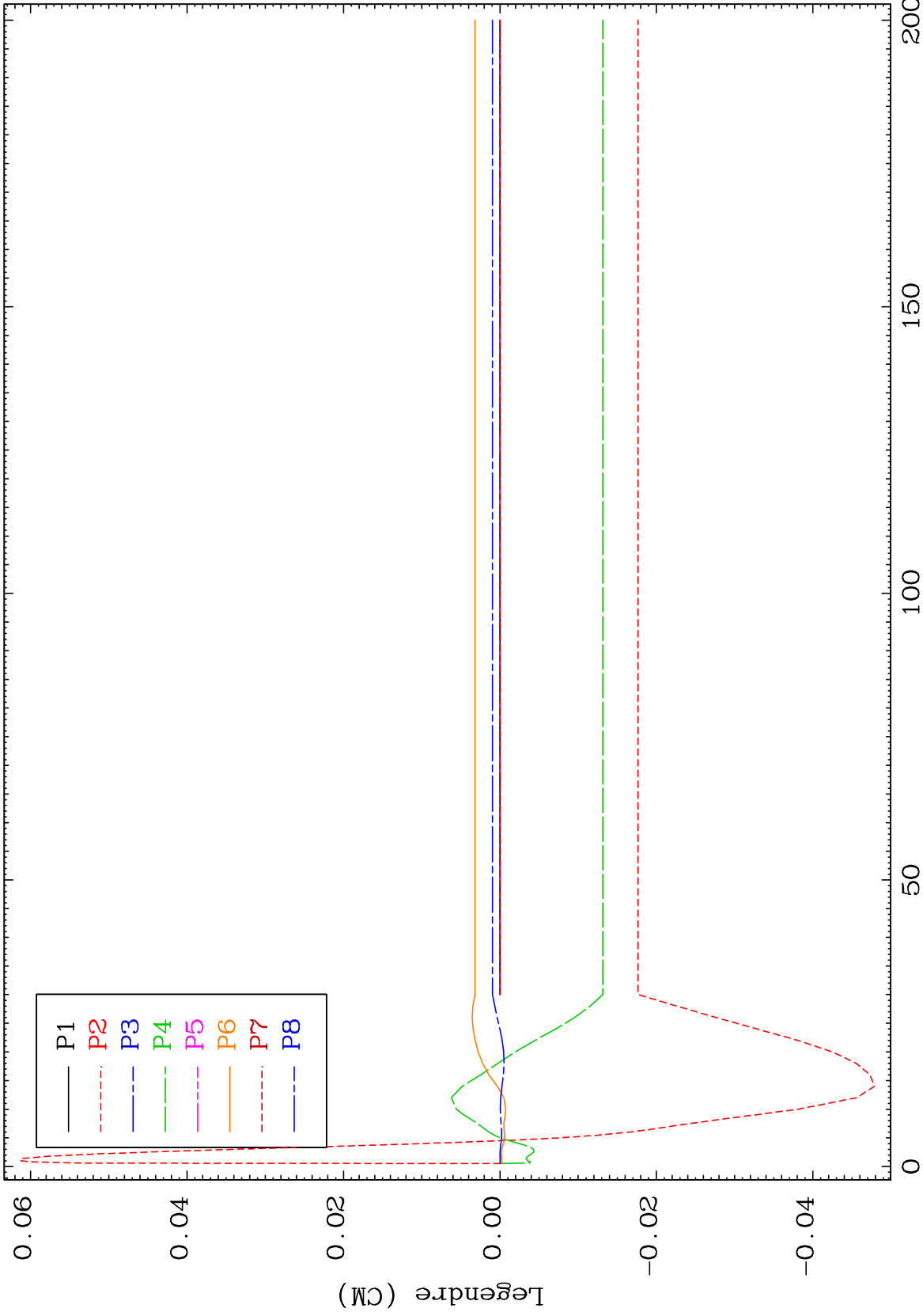


49-In-106

MAT 4904

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

49-In-106



50

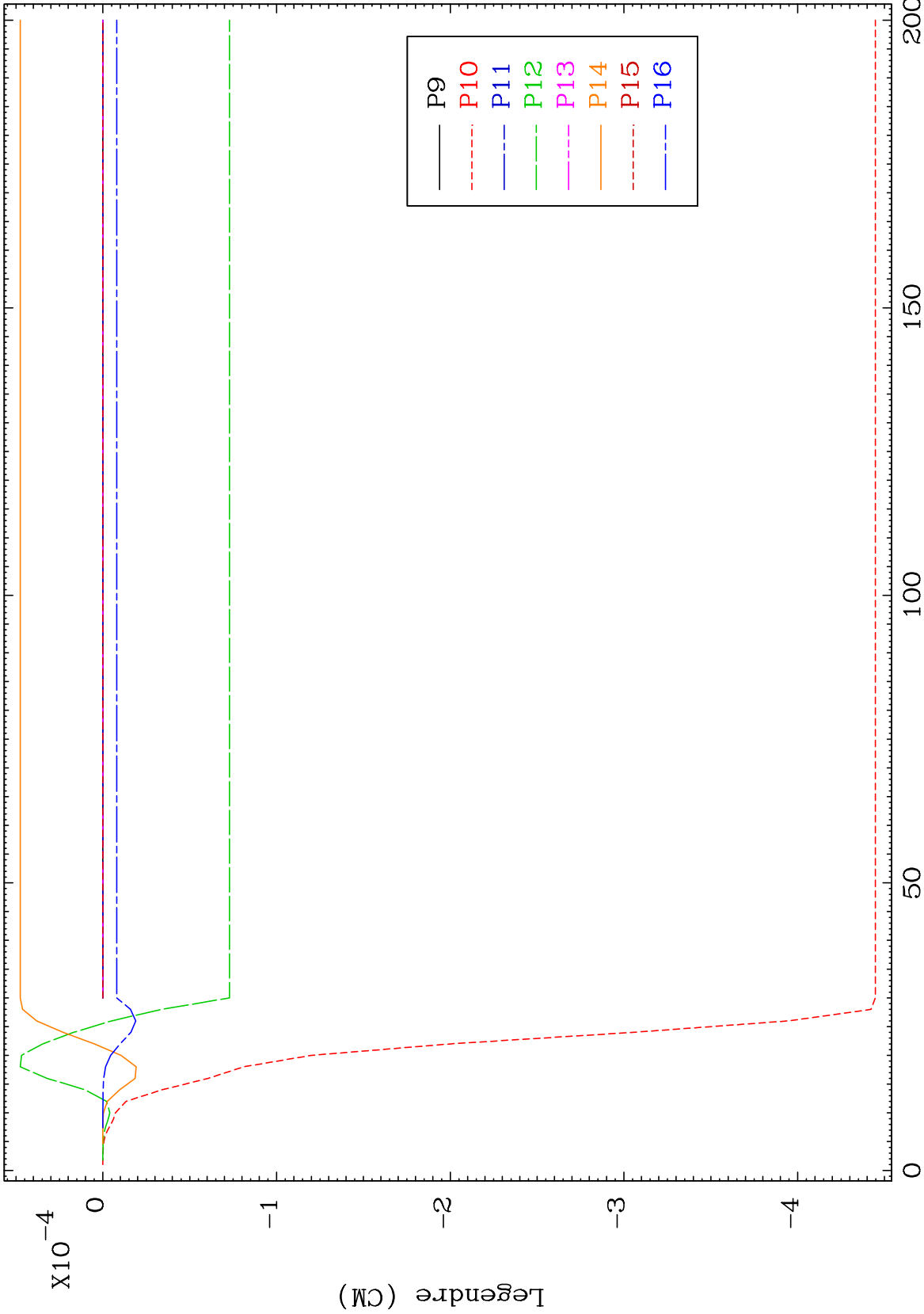
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



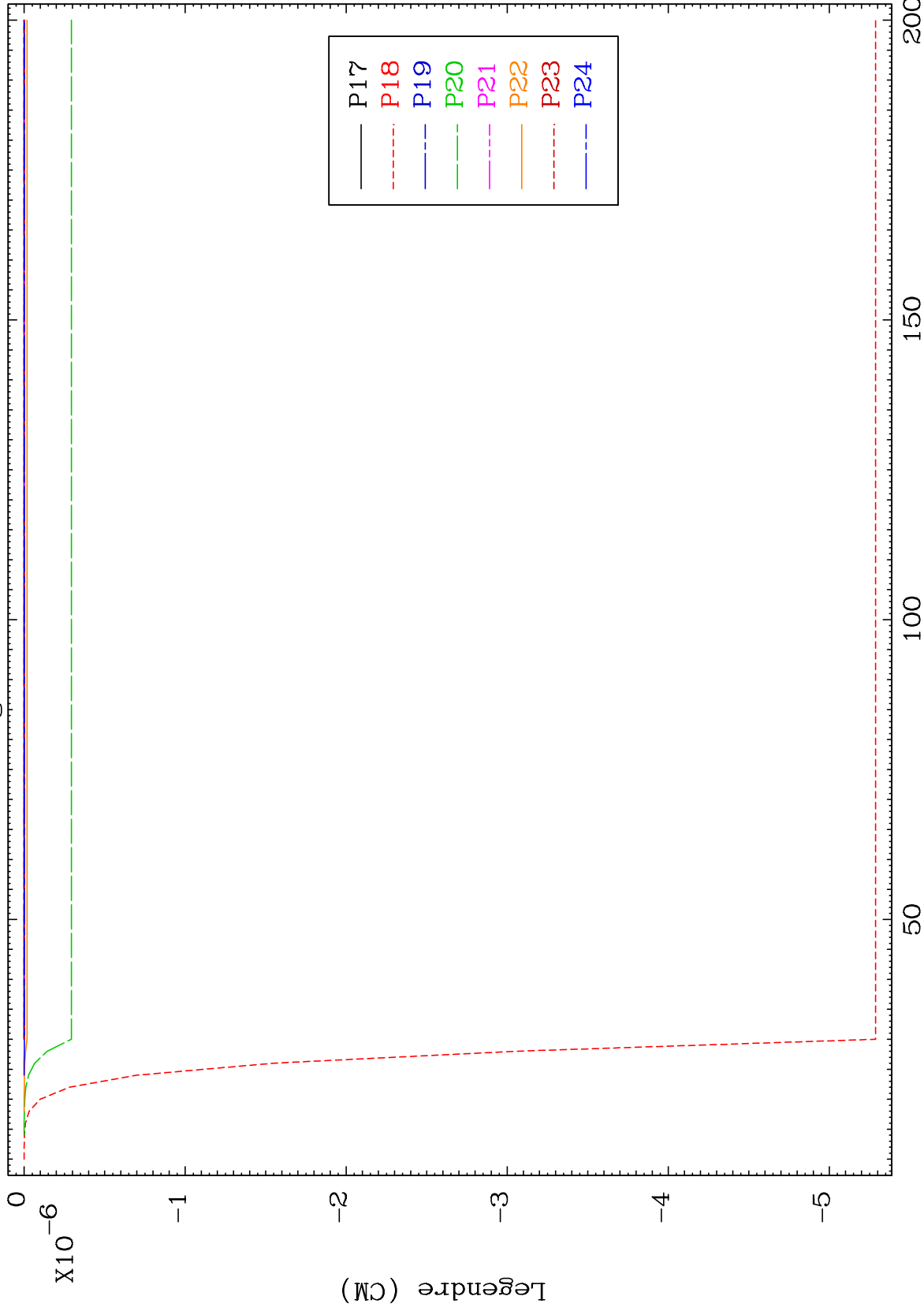
51

49-In-106

MAT 4904

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

49-In-106



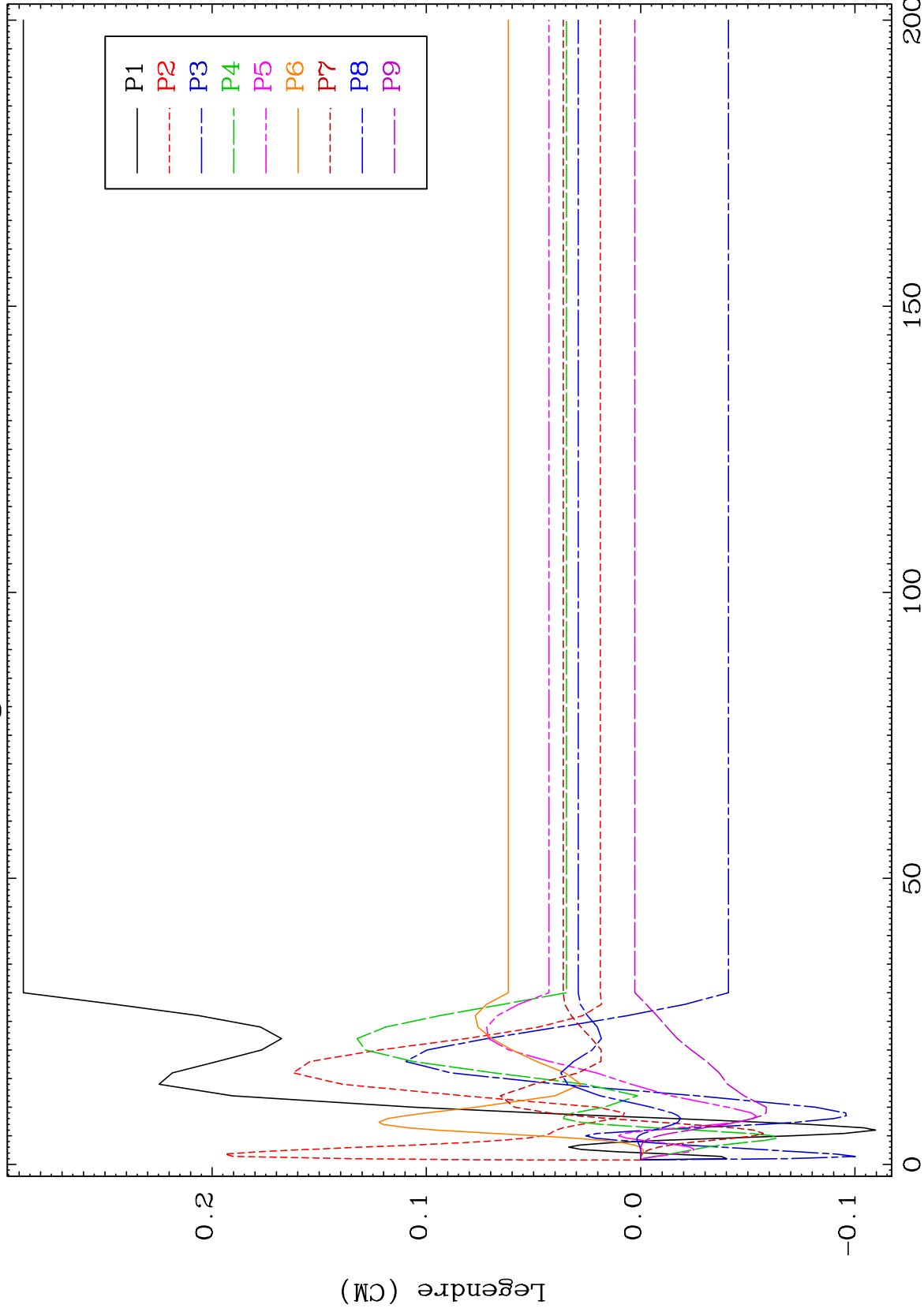
52

49-In-106

MAT 4904

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

49-In-106



53

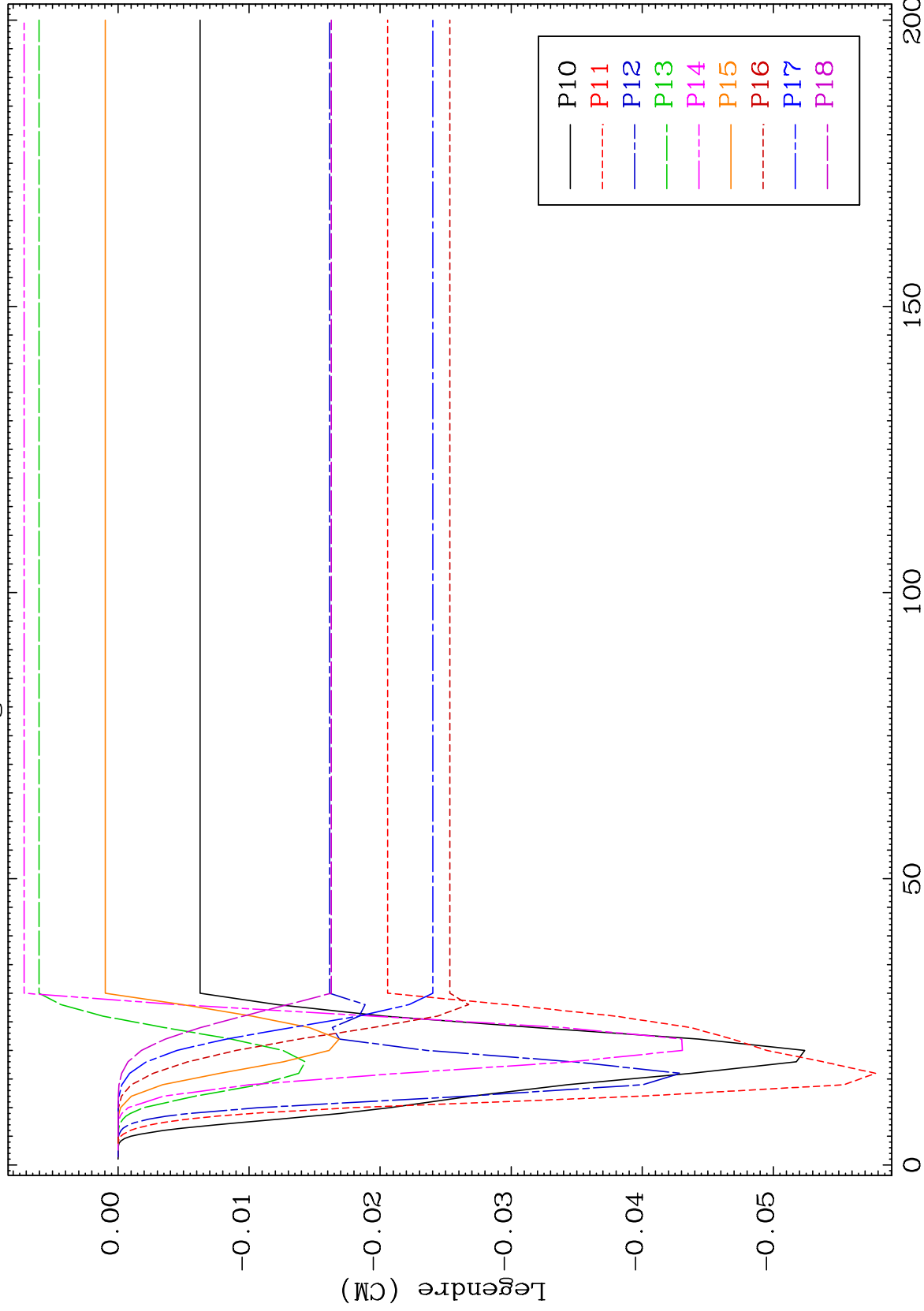
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106

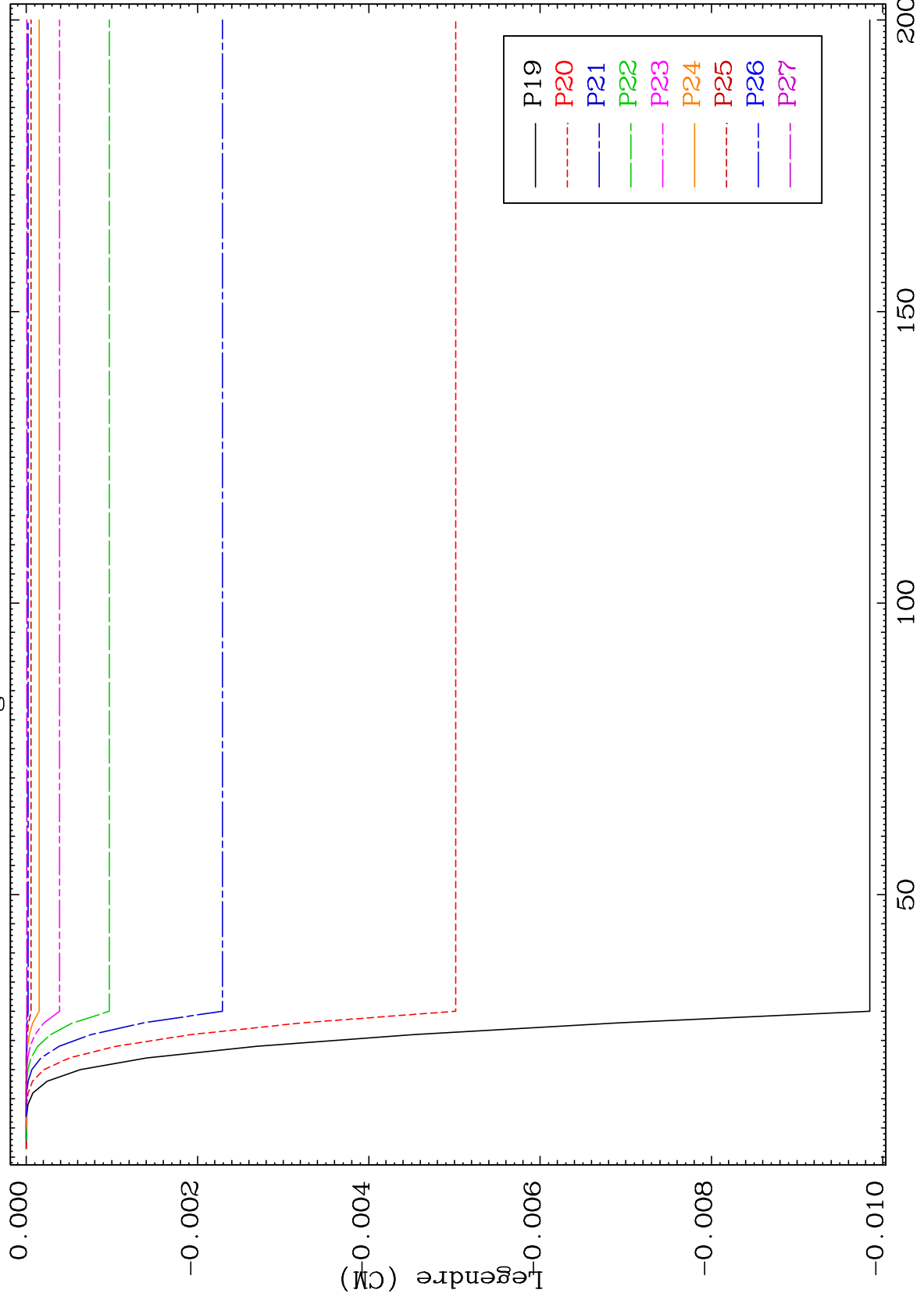


54

Incident Energy (MeV)

49-In-106

MAT 4904 MT= 61 (n,n') Level Legendre Coefficients 49-In-106



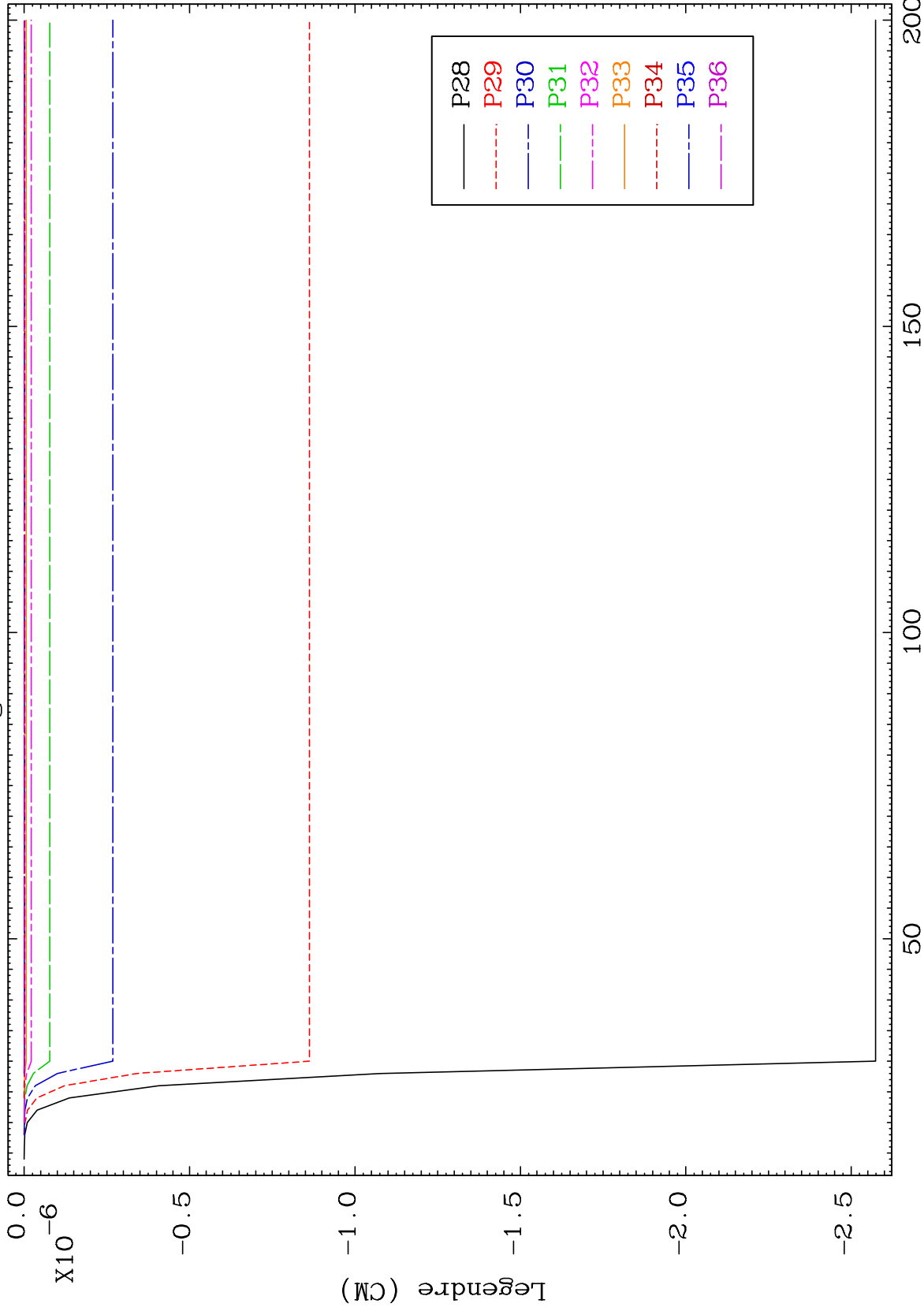
55 Incident Energy (MeV) 49-In-106



MAT 4904

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

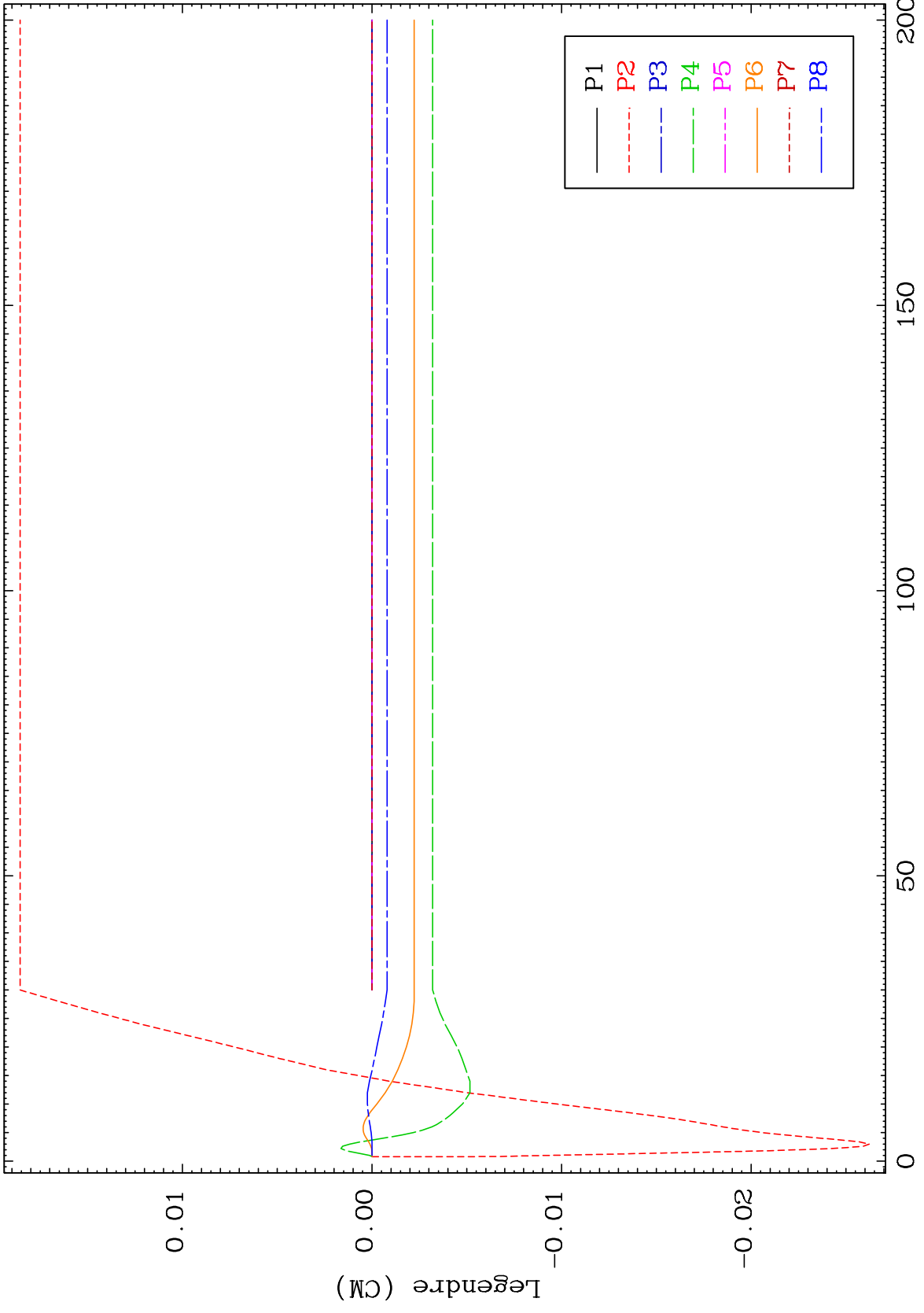
49-In-106



56

49-In-106

MAT 4904 MT= 62 (n,n') Level Legendre Coefficients 49-In-106

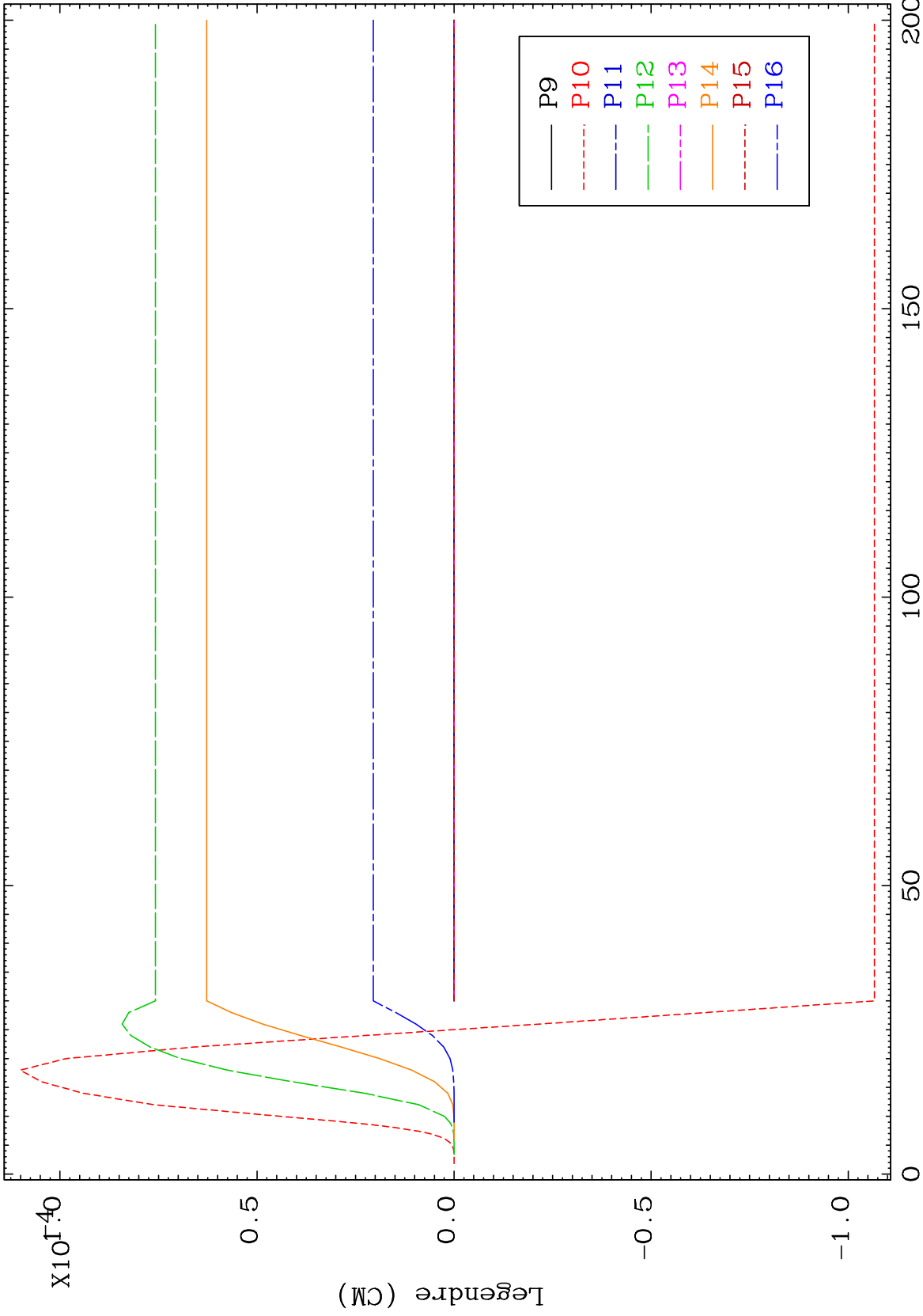


57 49-In-106

MAT 4904

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

49-In-106



58

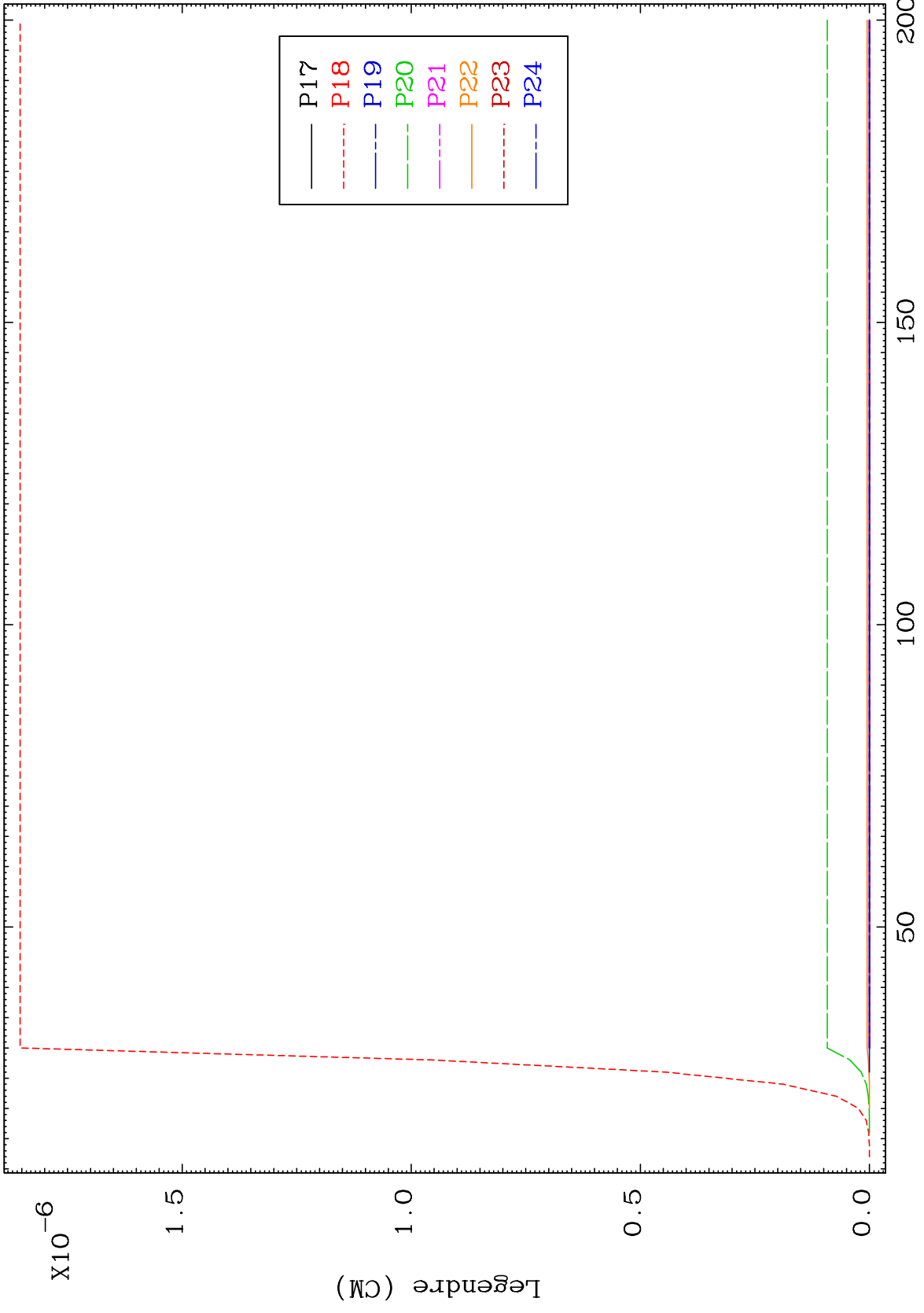
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



59

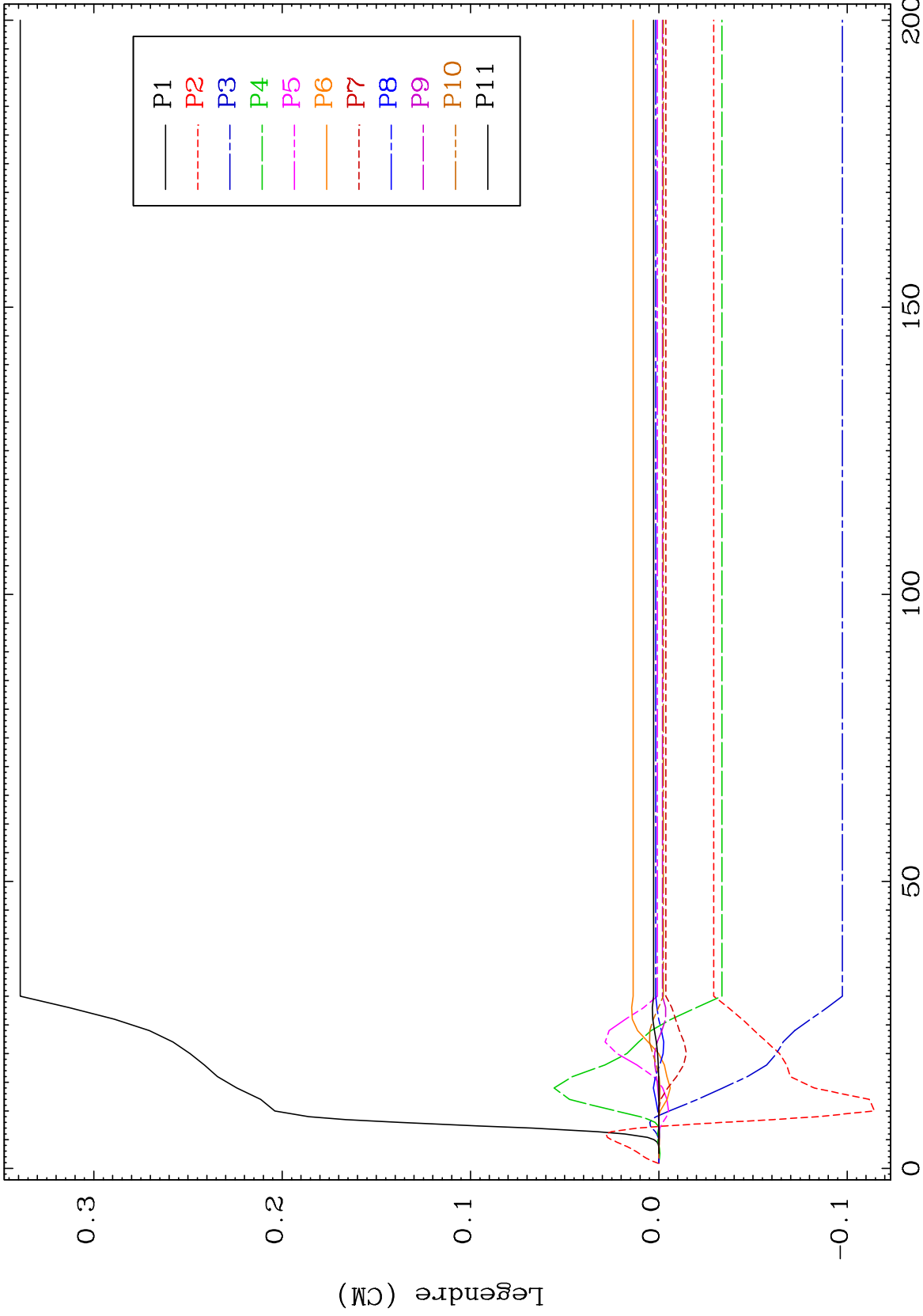
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

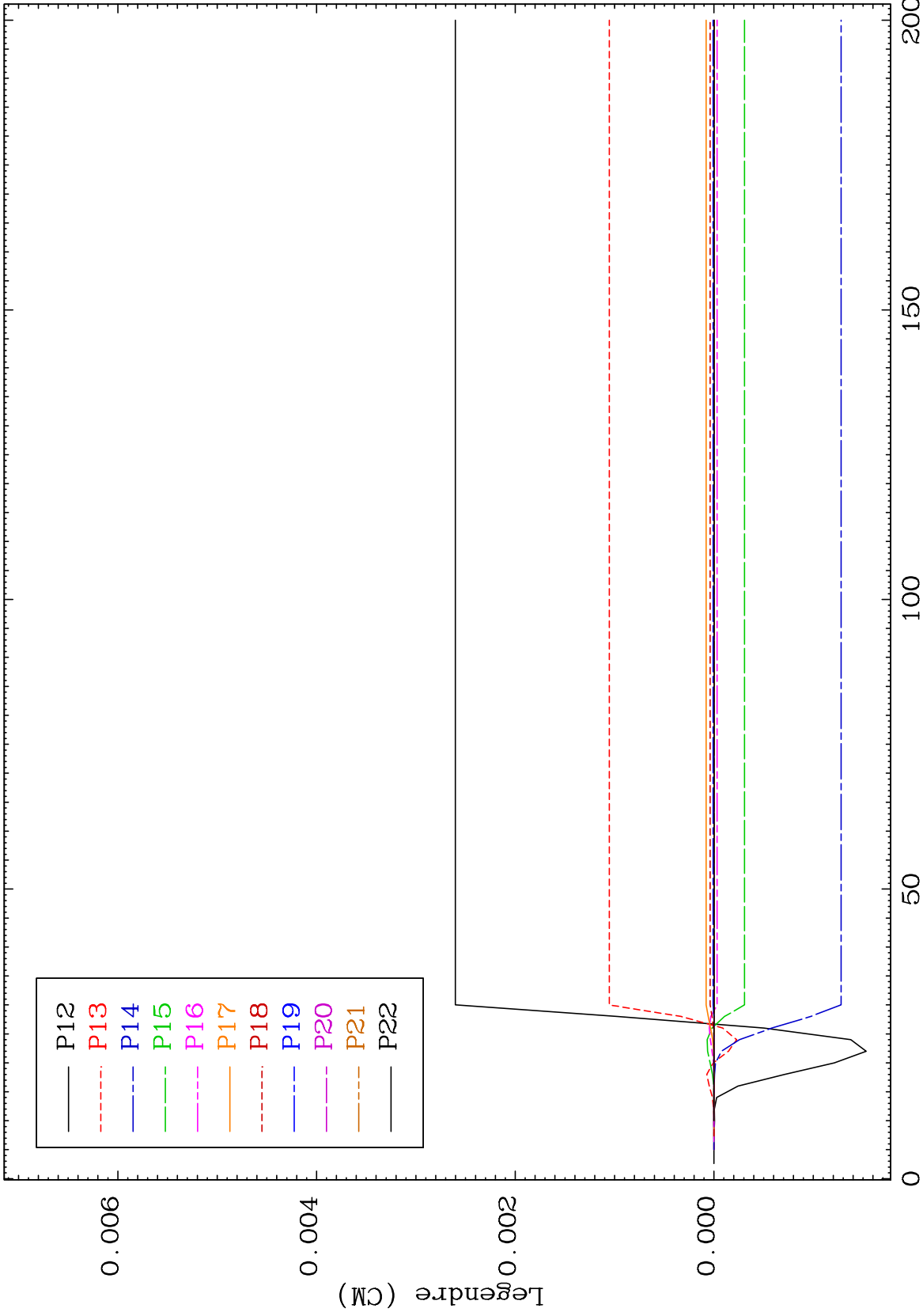
Incident Energy (MeV)

60

MAT 4904

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

49-In-106



61

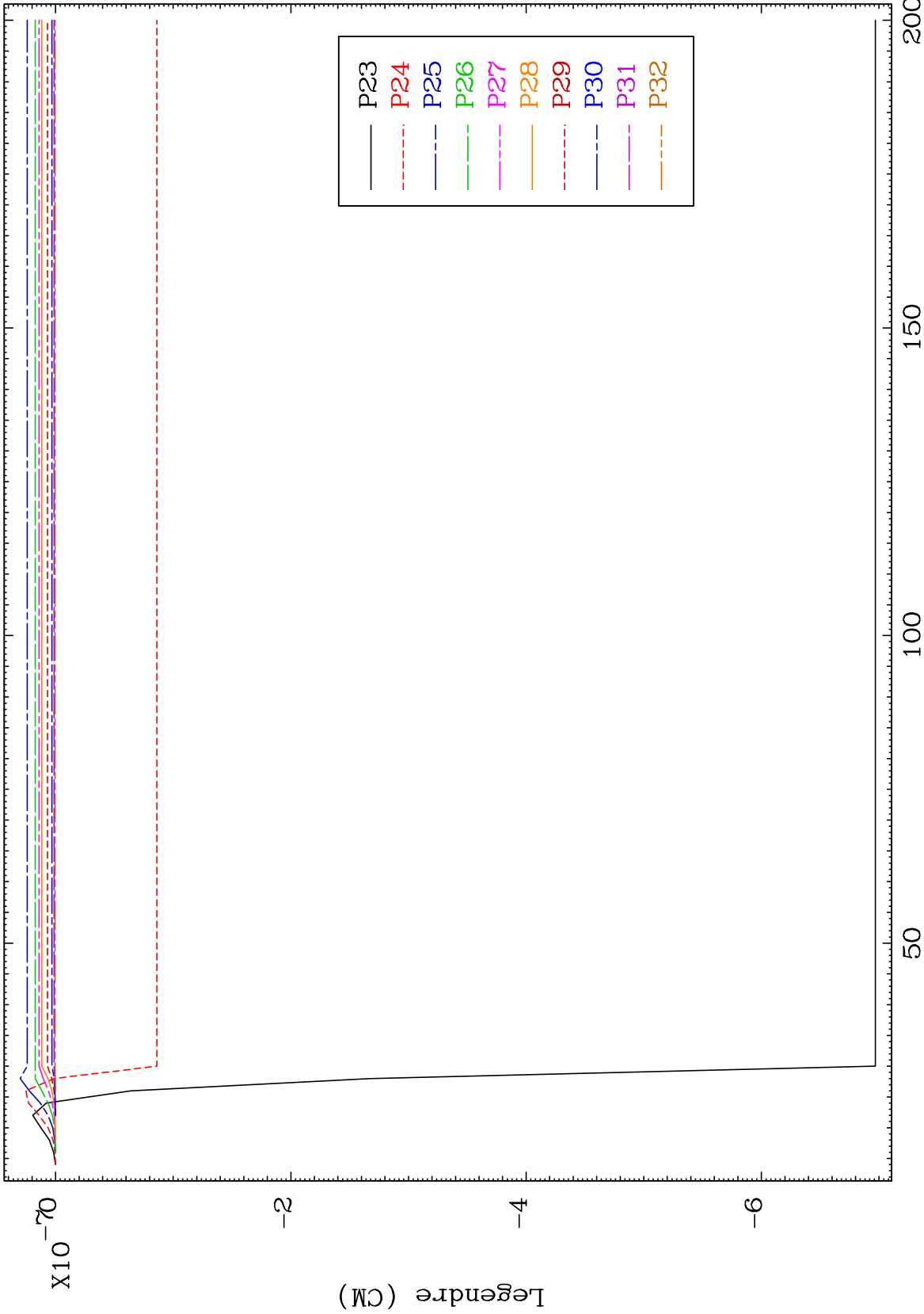
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

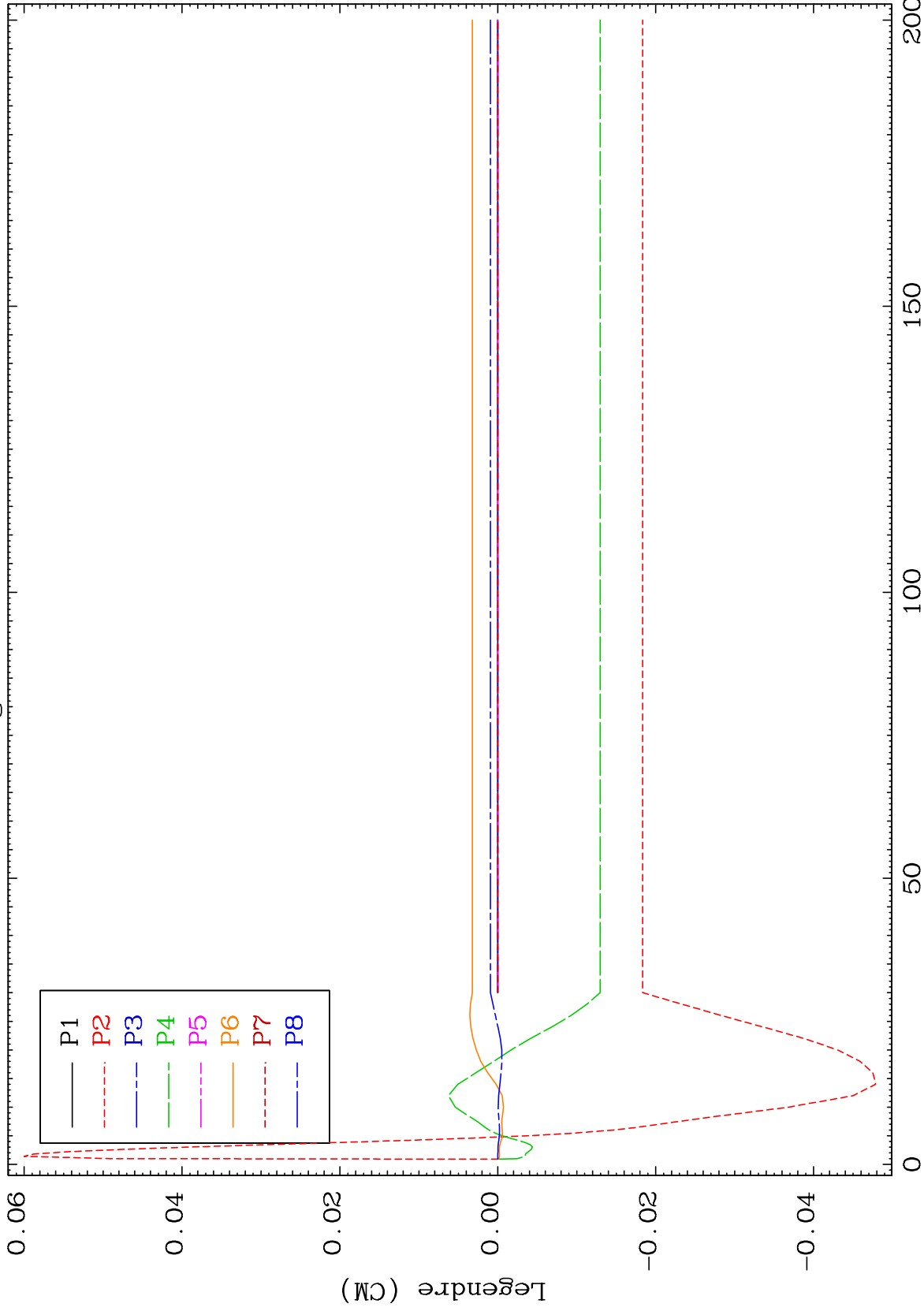
Incident Energy (MeV)

62

MAT 4904

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

49-In-106



63

Incident Energy (MeV)

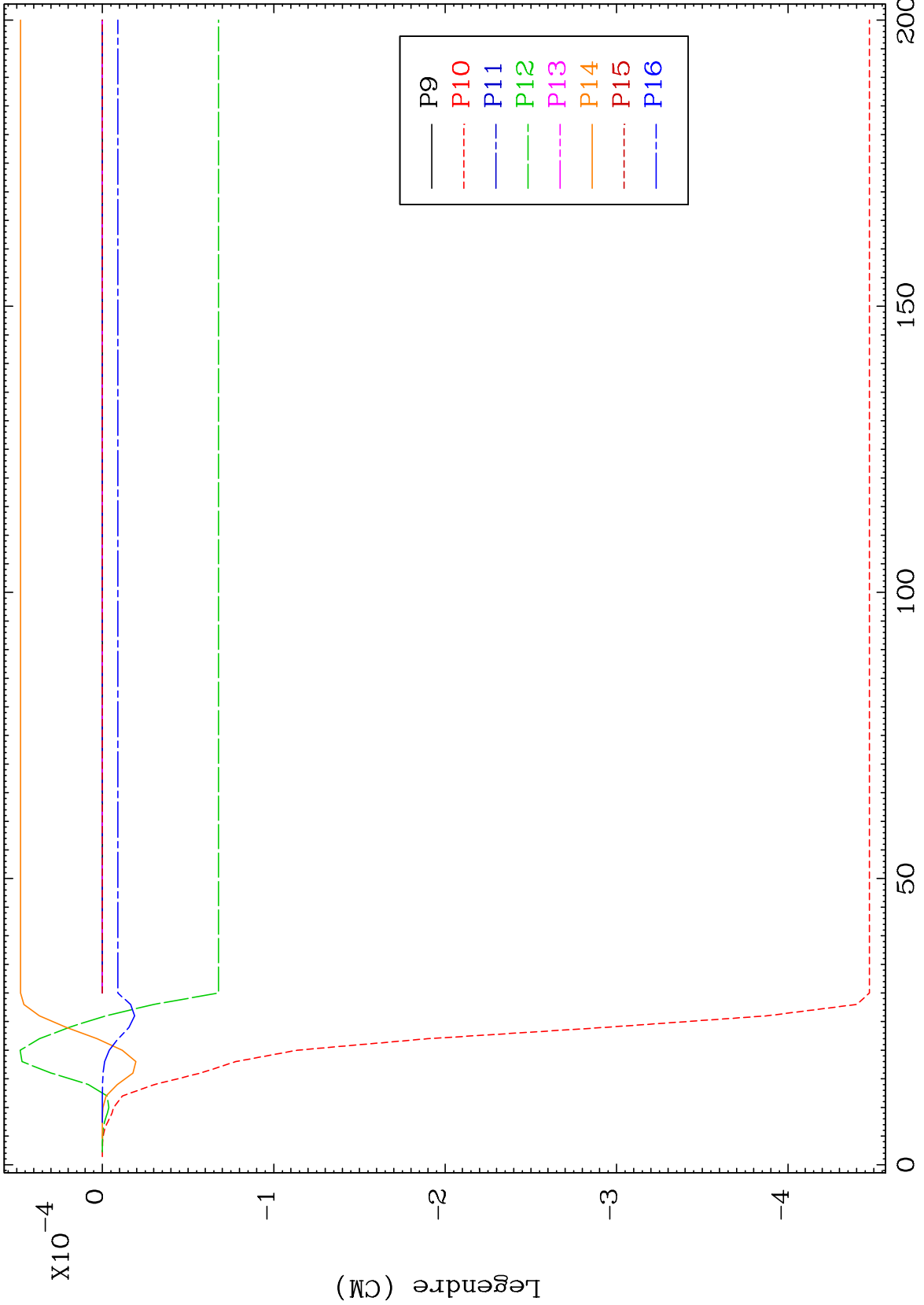
49-In-106



MAT 4904

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

49-In-106



64

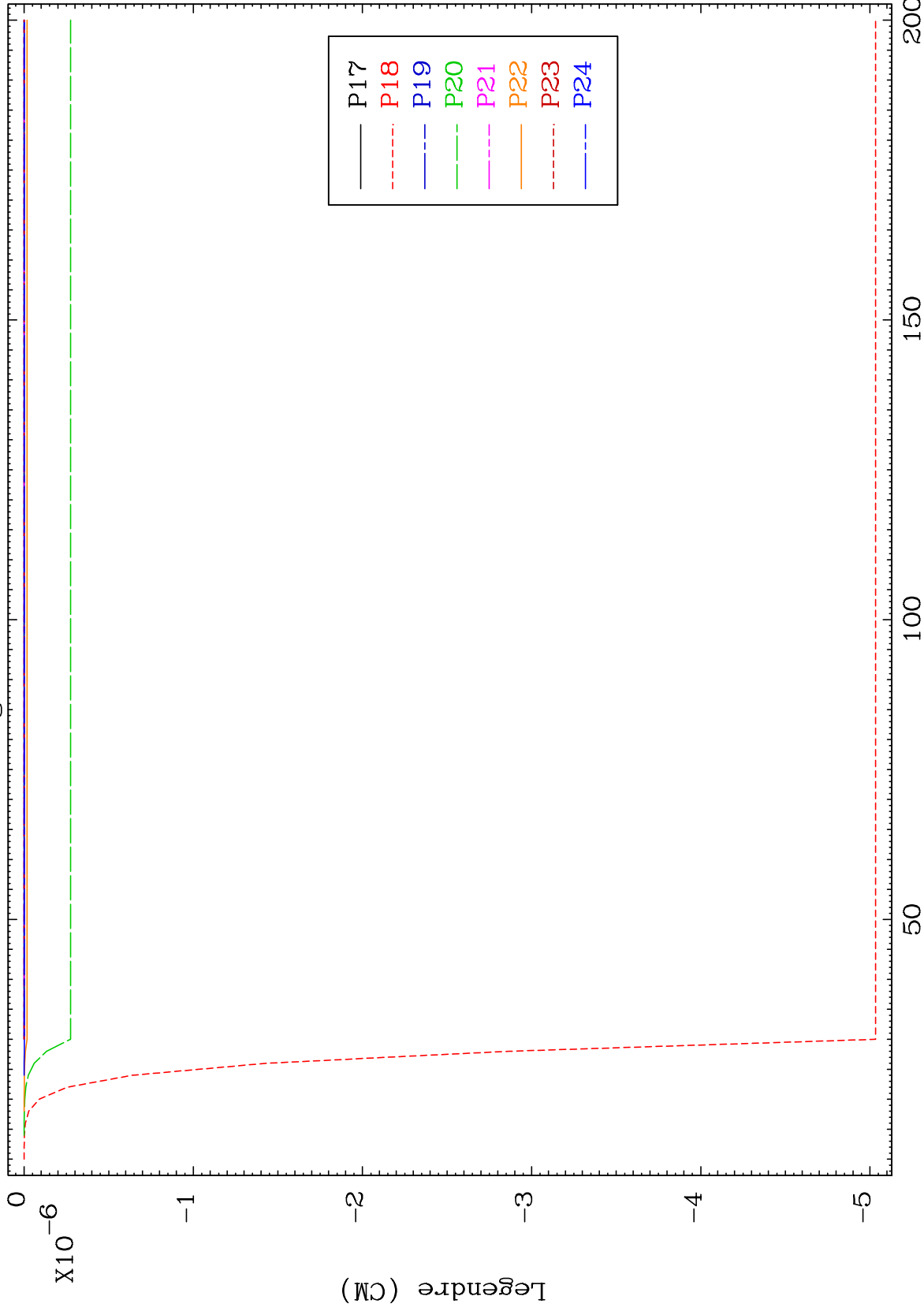
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



65

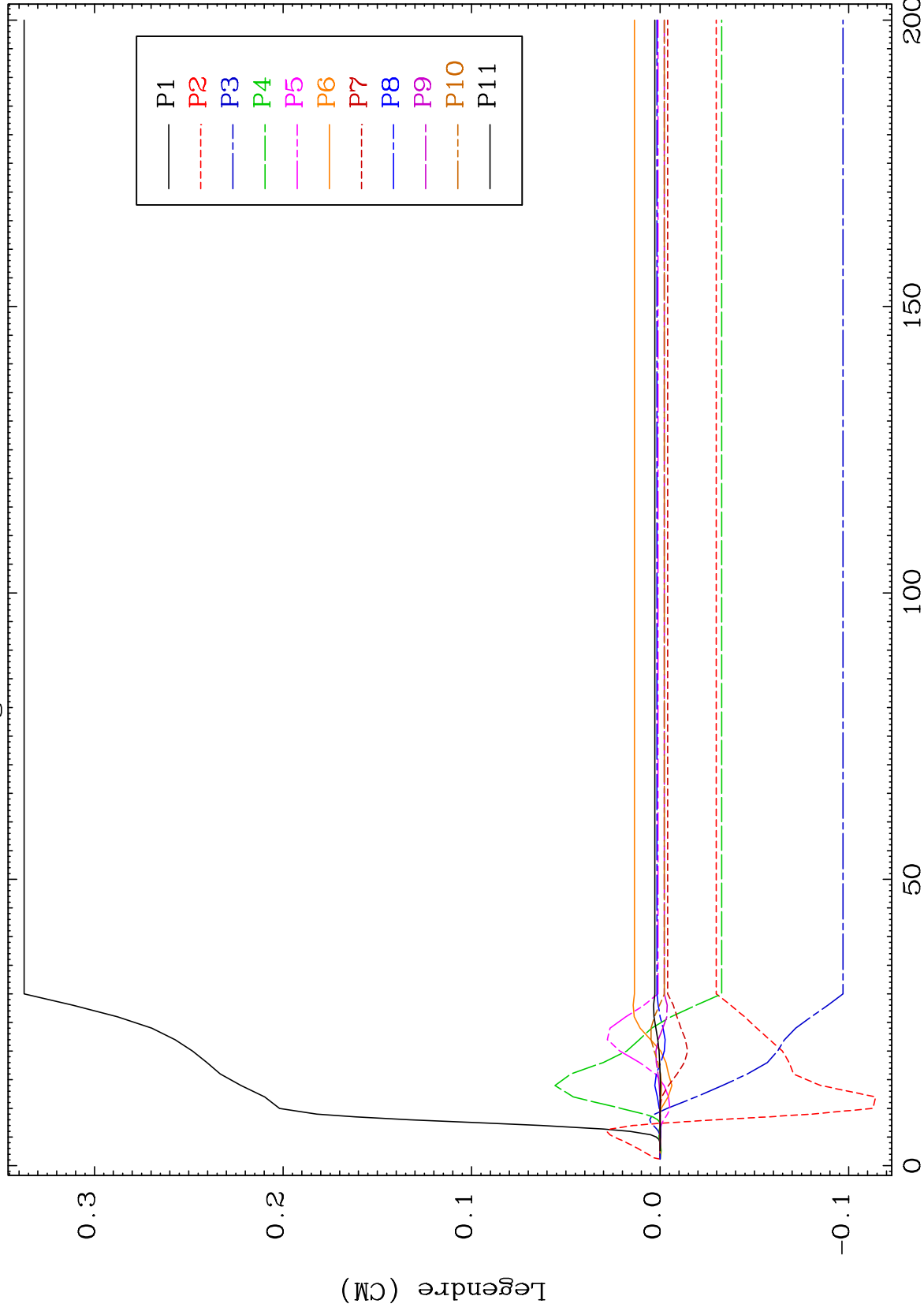
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



66

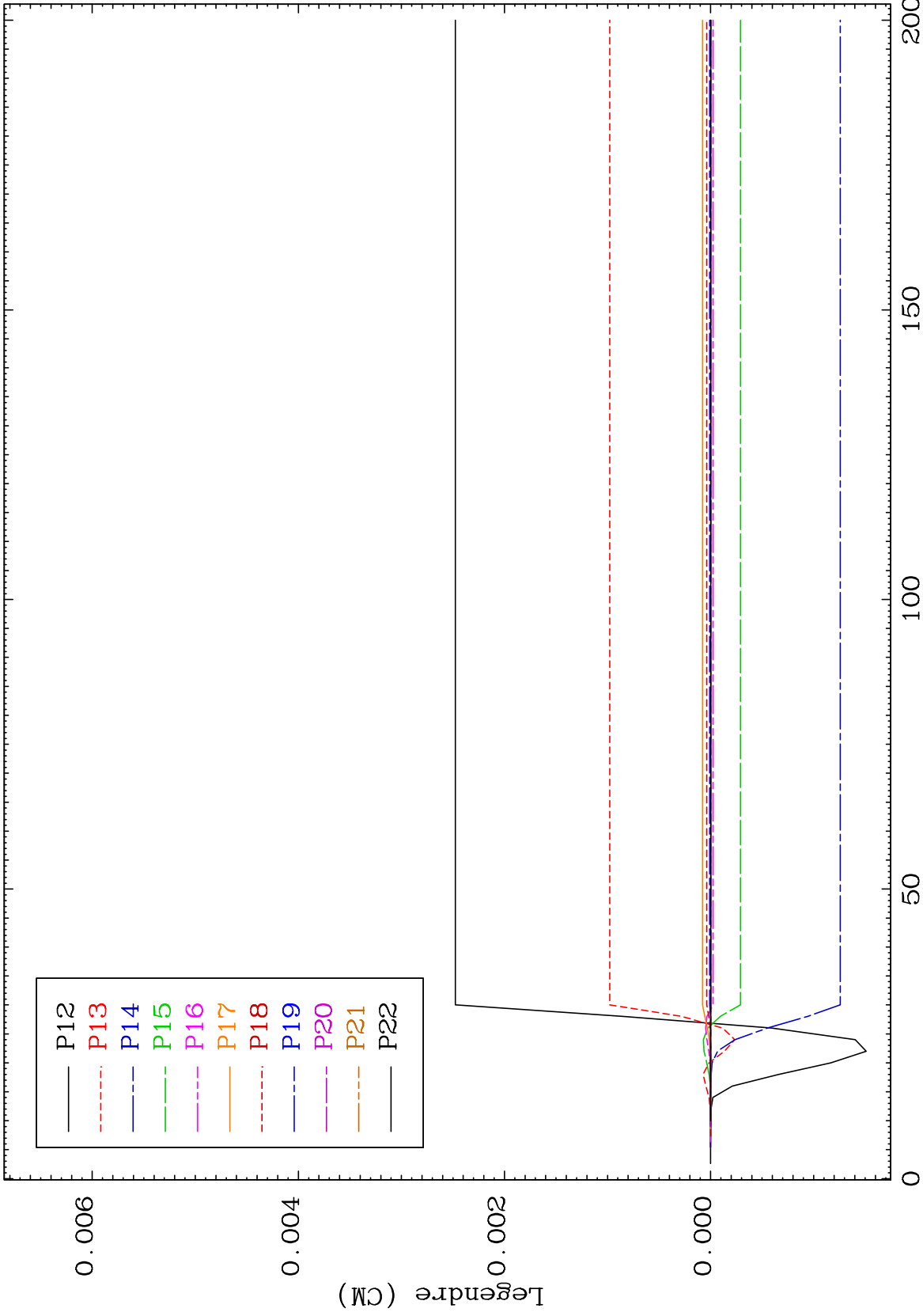
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



67

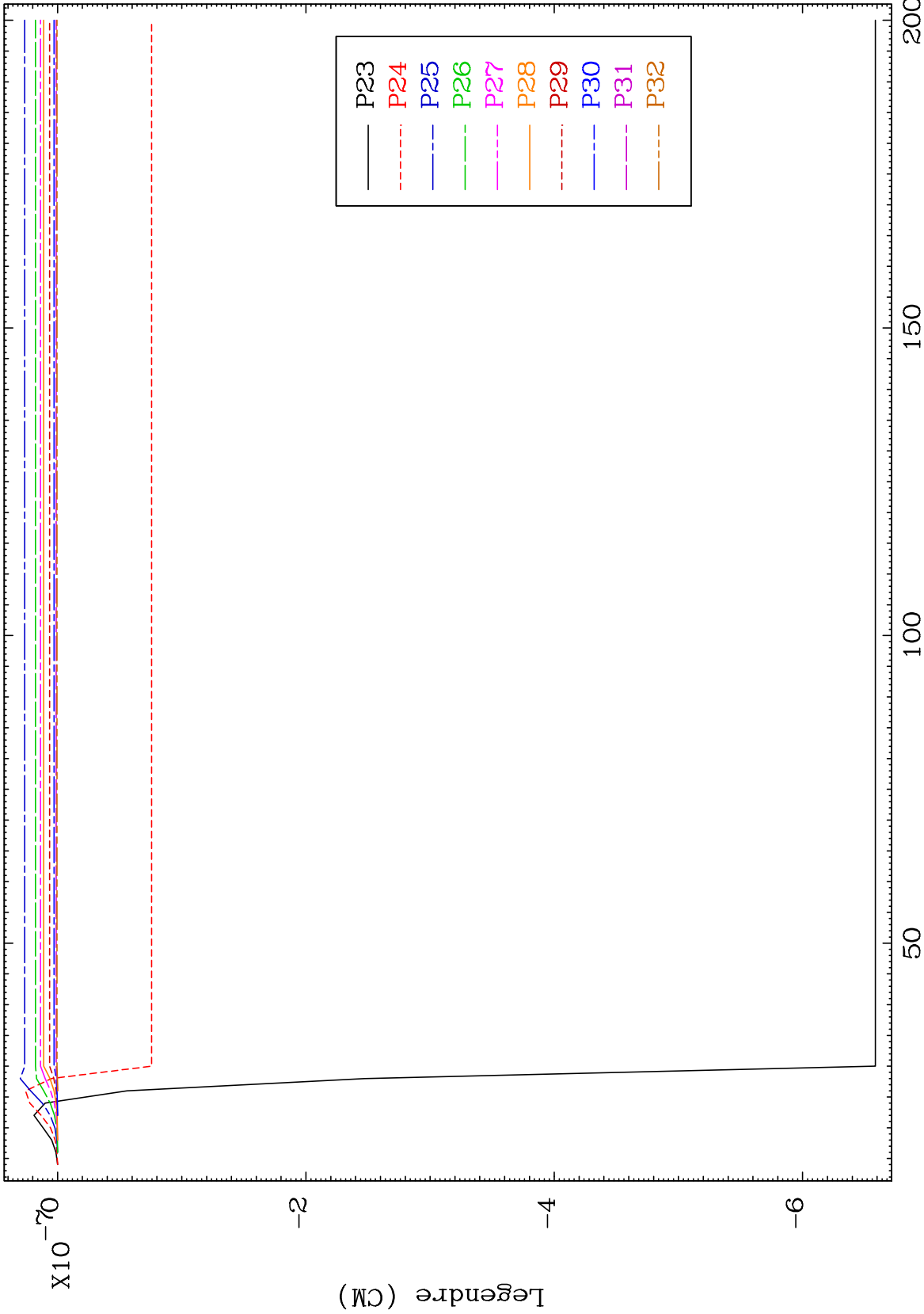
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



68

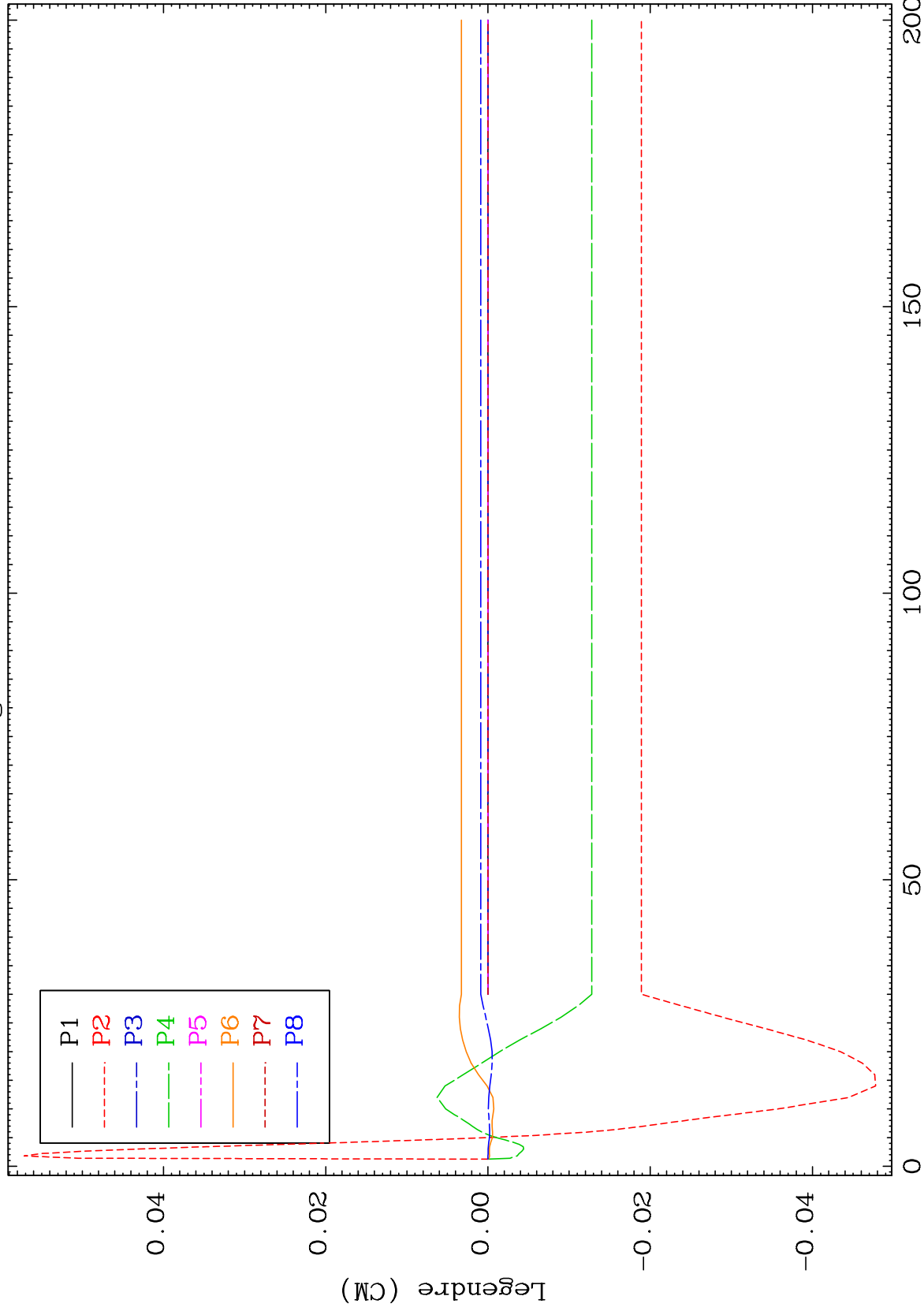
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



69

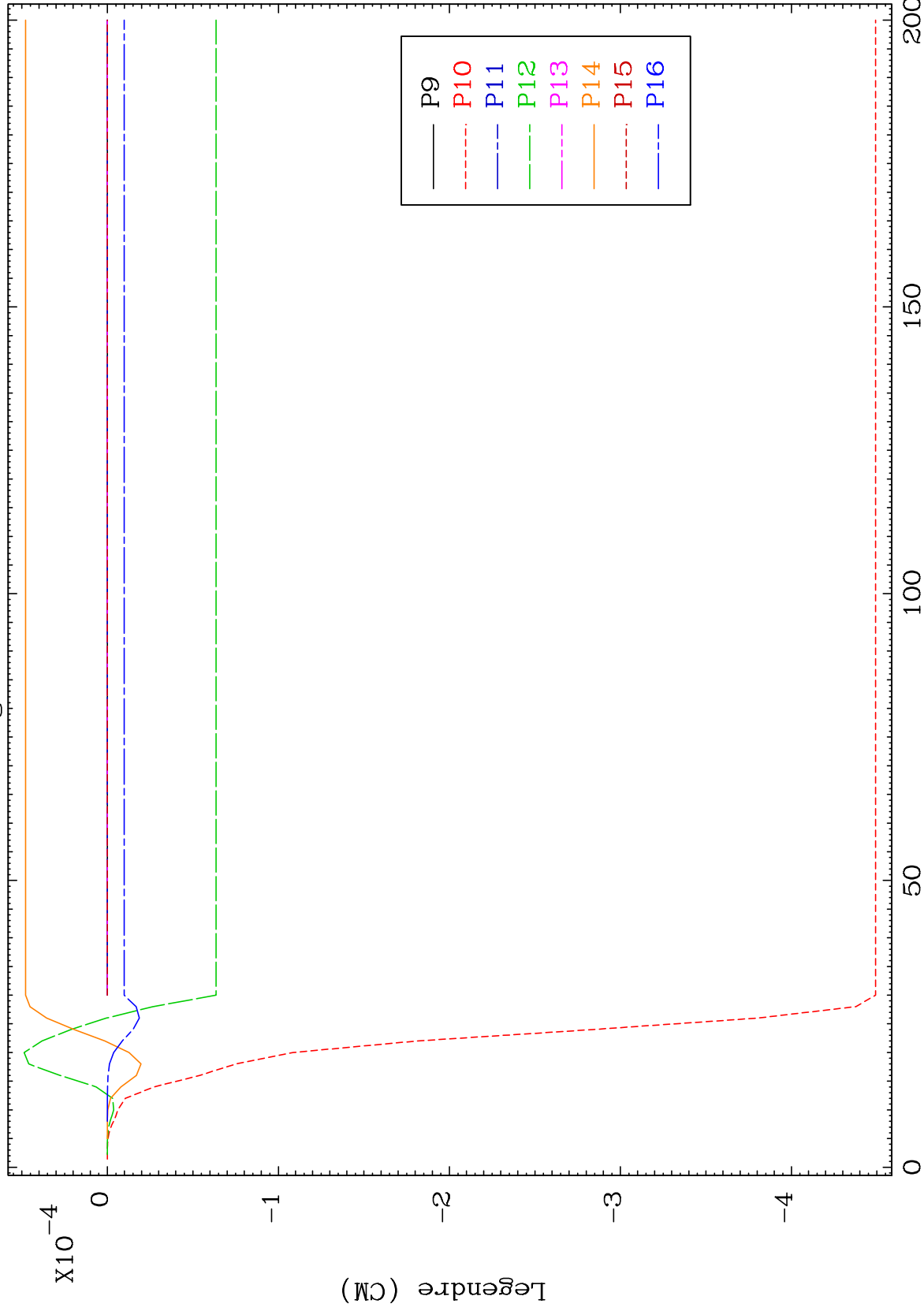
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



70

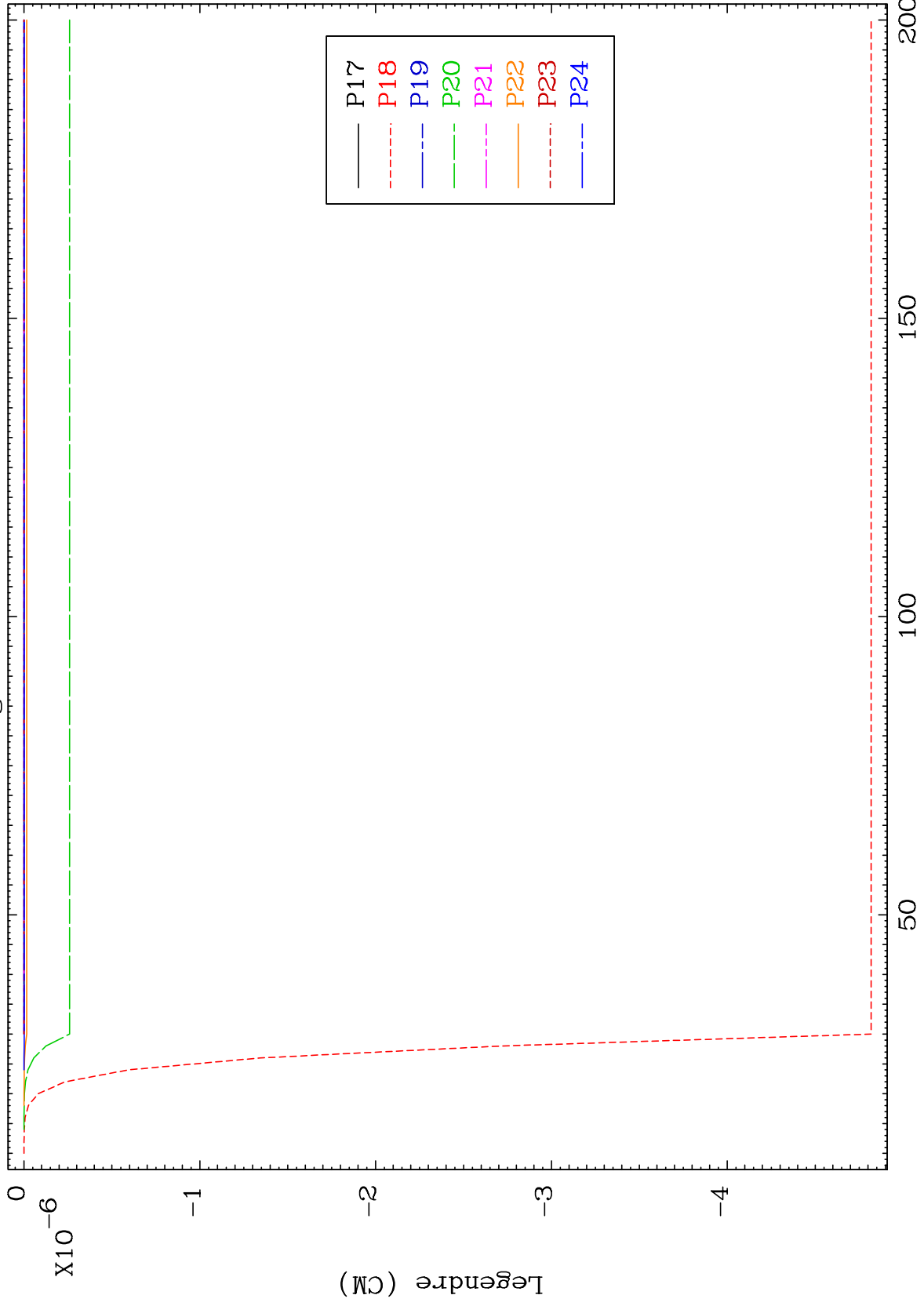
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

Incident Energy (MeV)

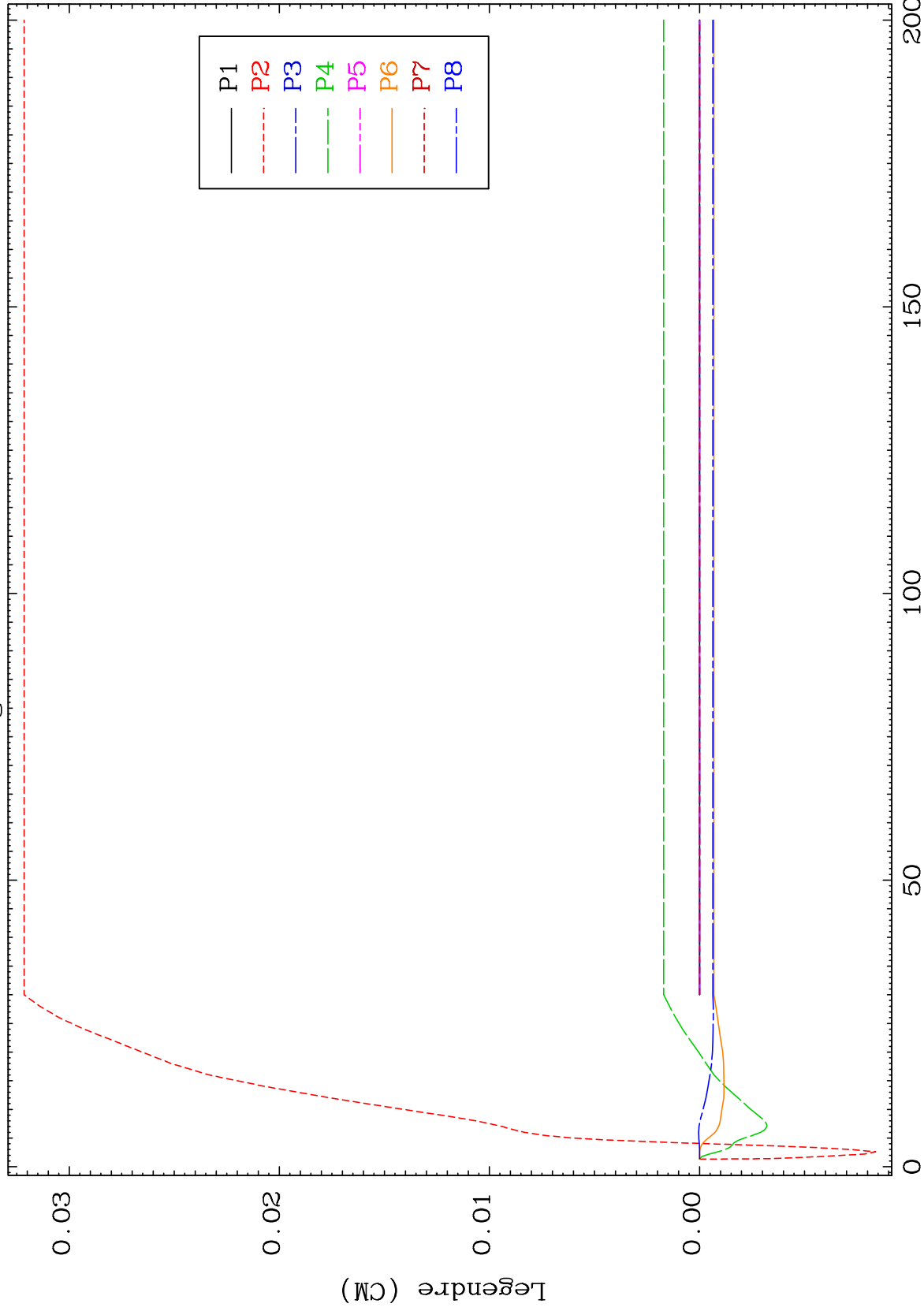
71



MAT 4904

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

49-In-106



72

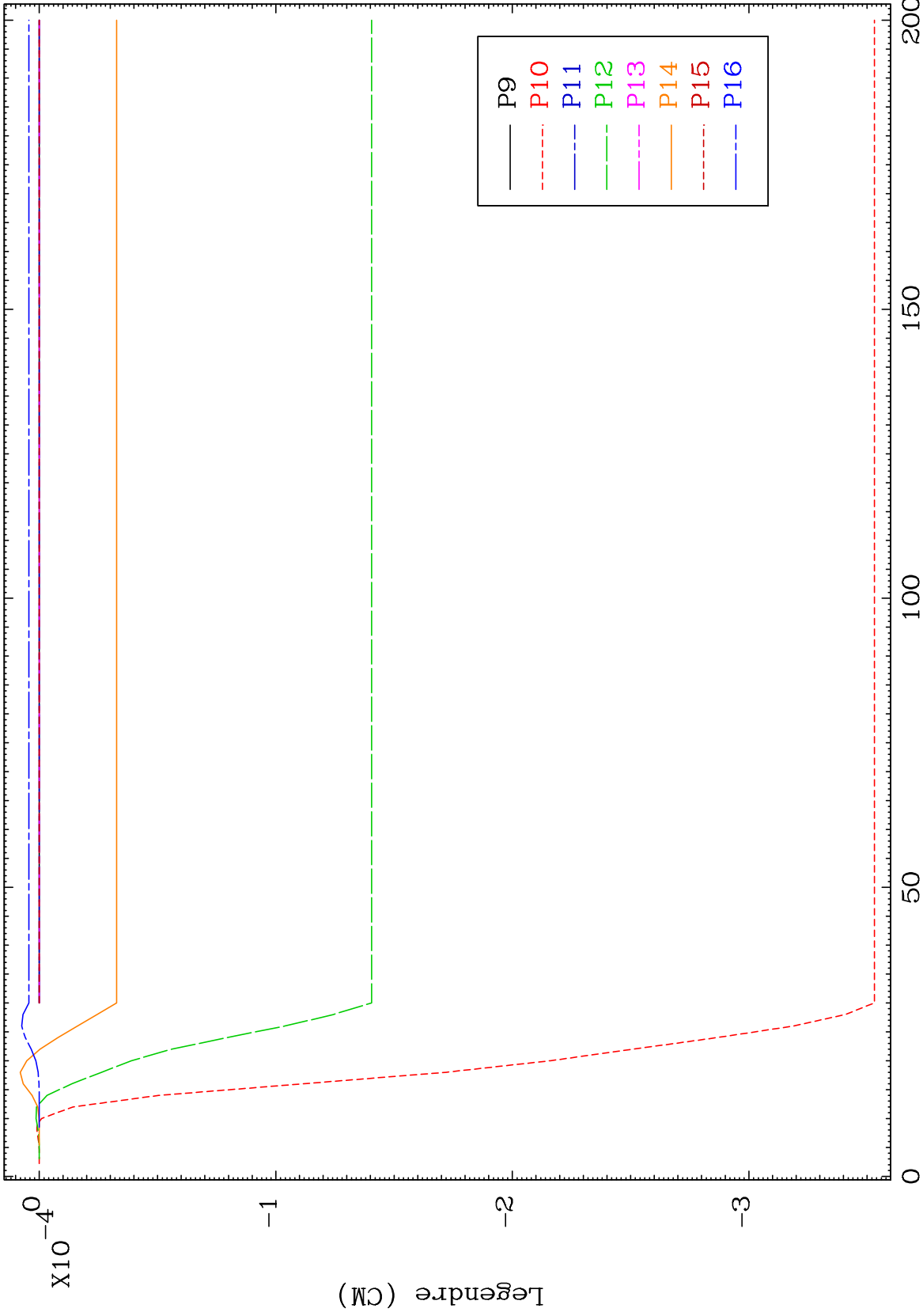
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



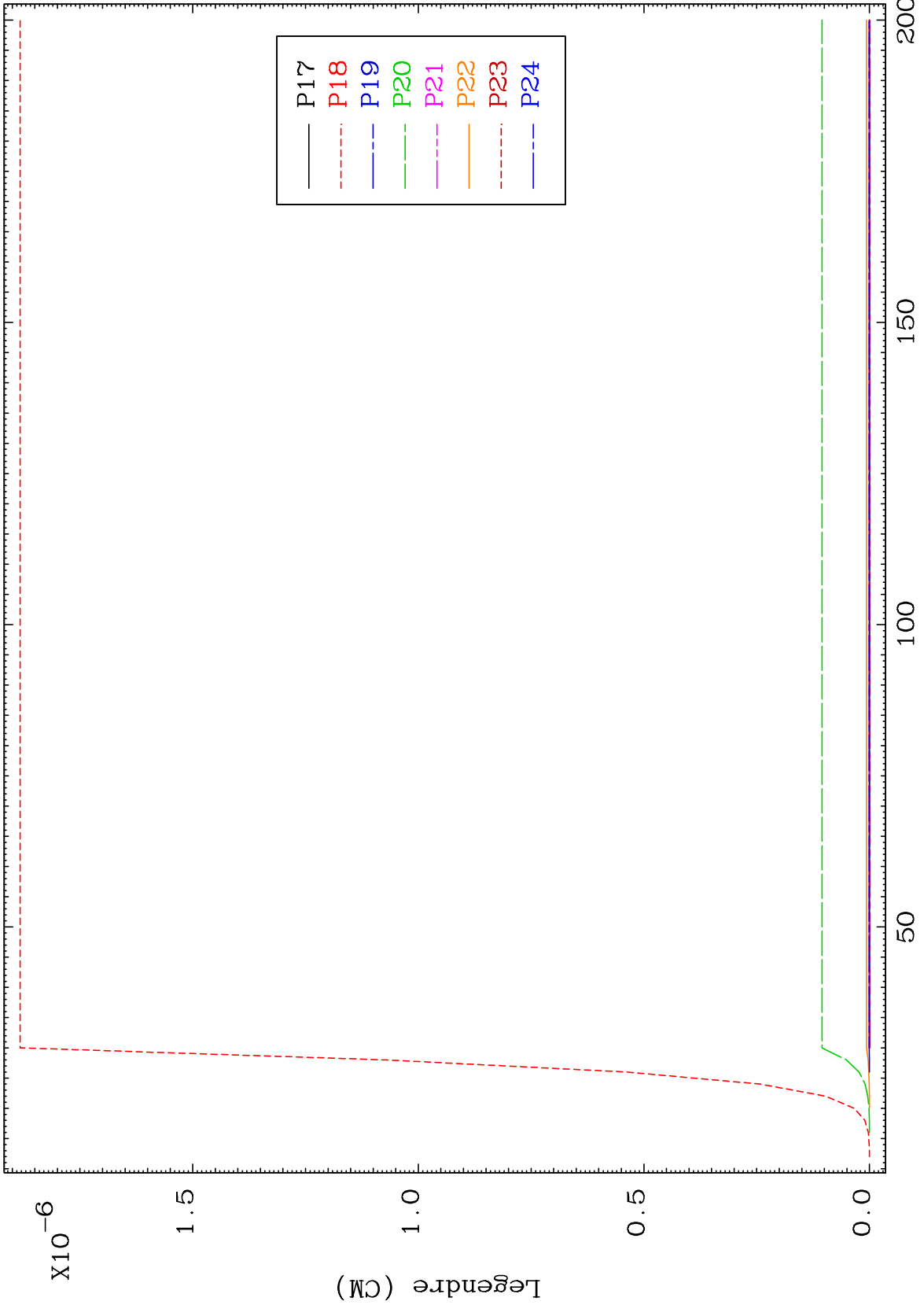
73

49-In-106

MAT 4904

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

49-In-106

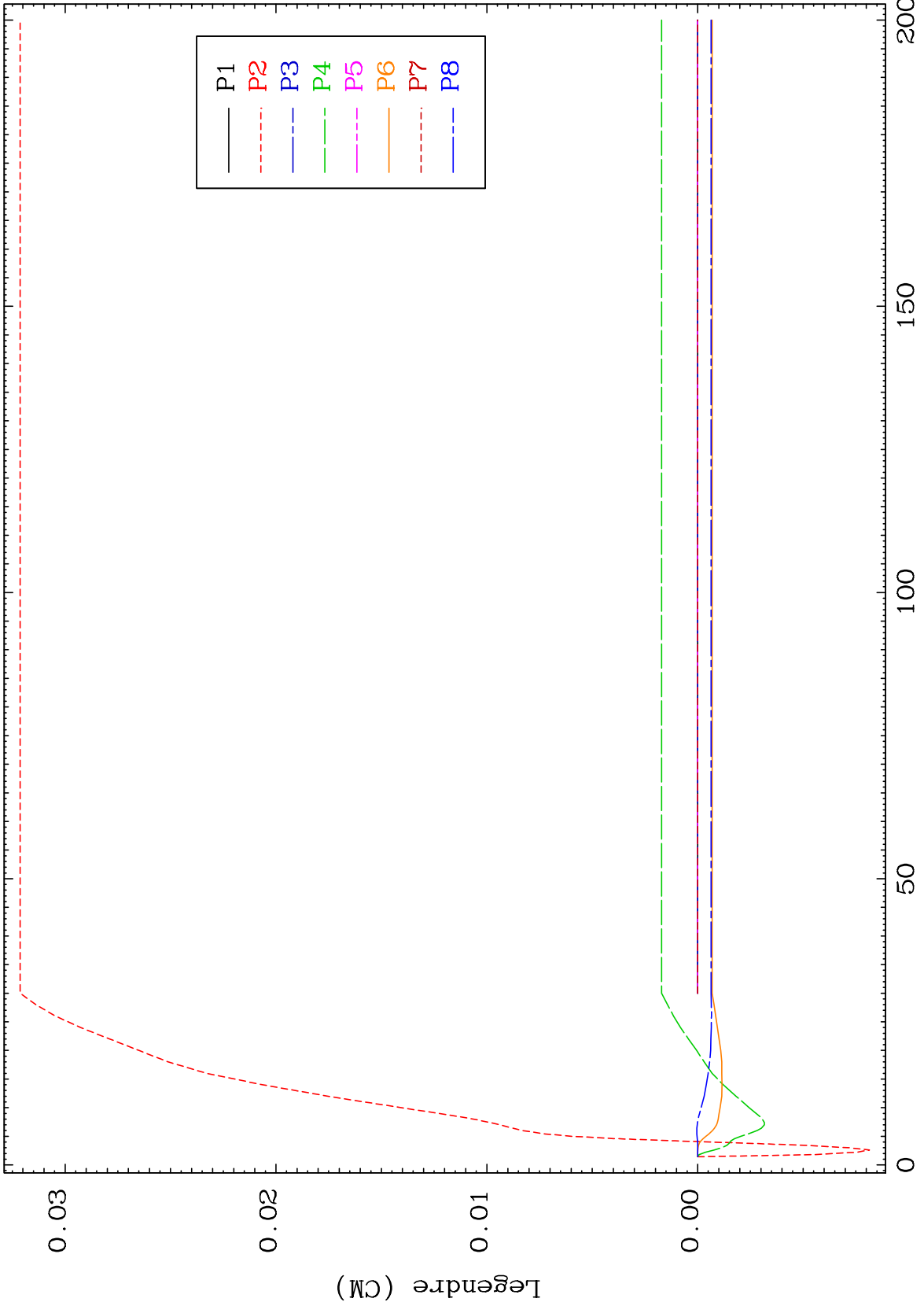


74

Incident Energy (MeV)

49-In-106

MAT 4904 MT= 68 (n,n') Level Legendre Coefficients 49-In-106

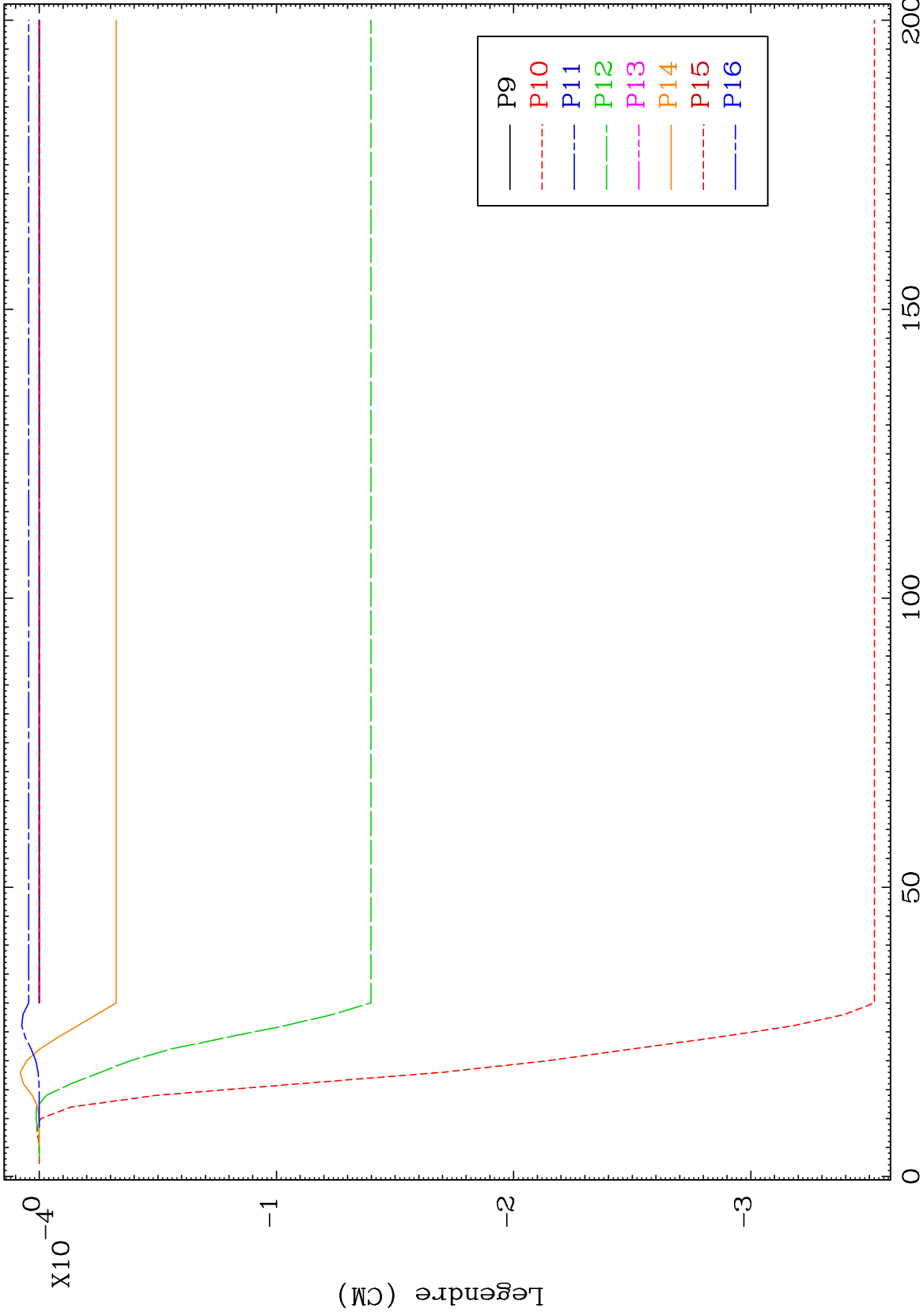


75 49-In-106

MAT 4904

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

49-In-106



76

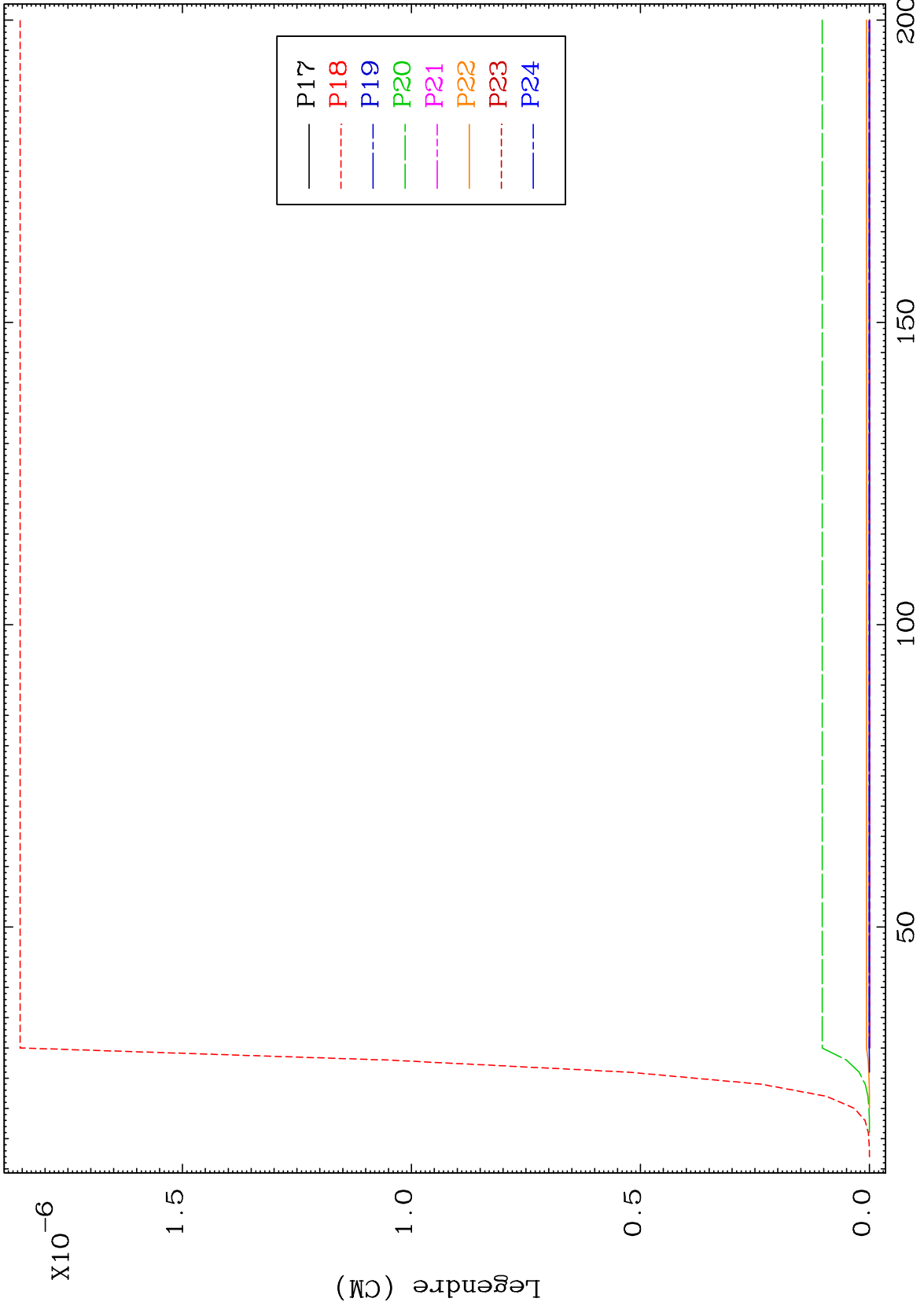
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



77

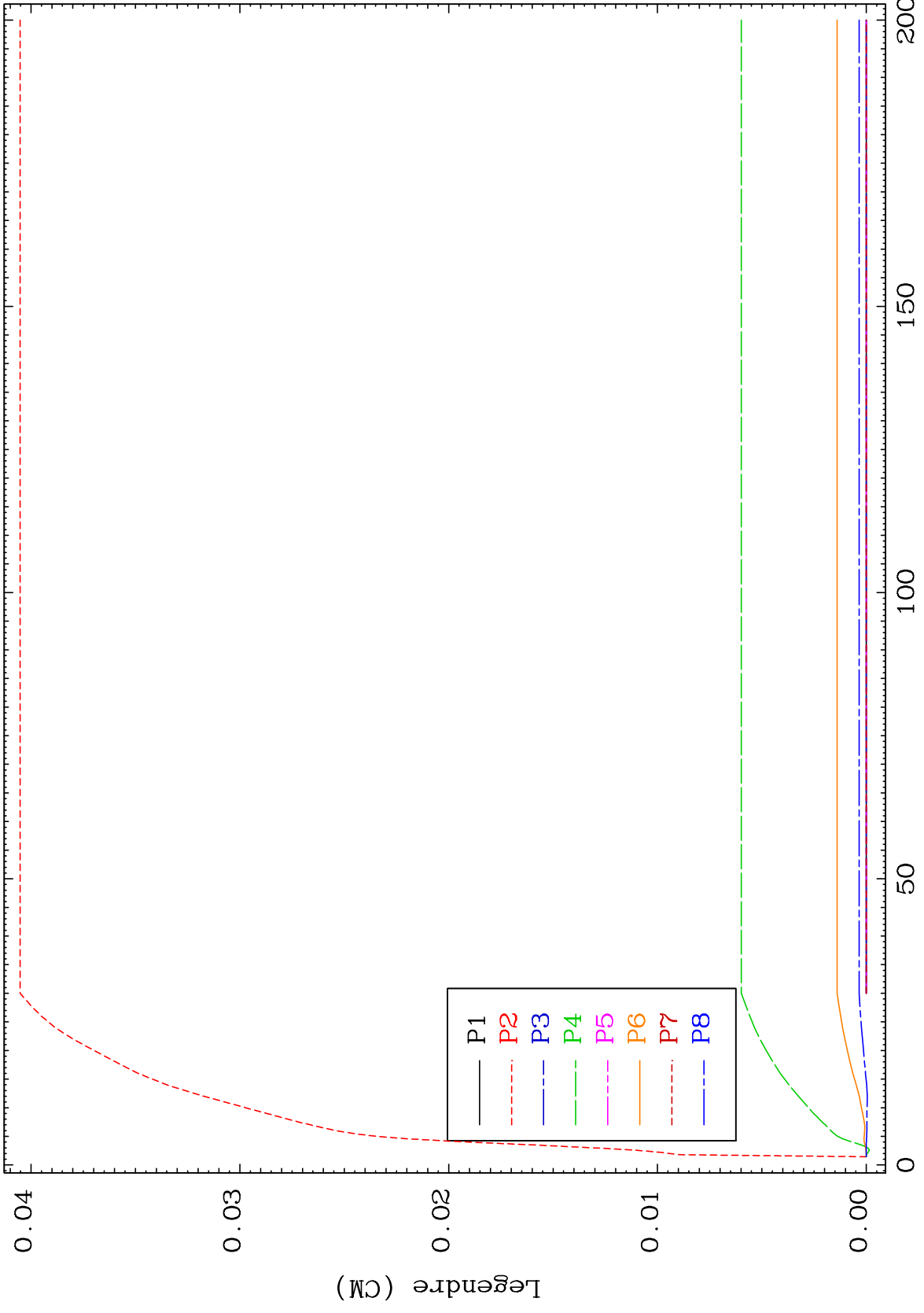
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106

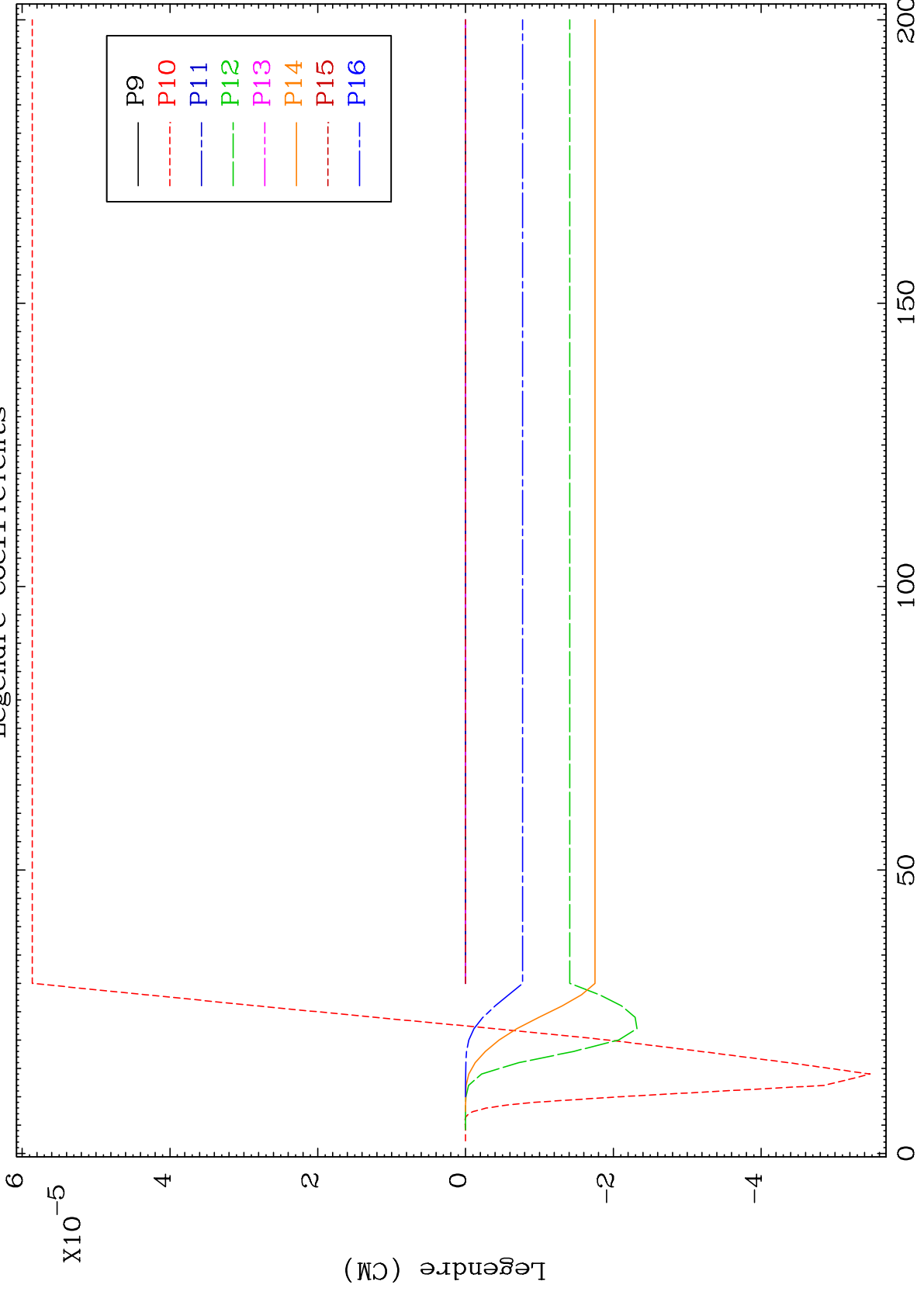


49-In-106

Incident Energy (MeV)

78

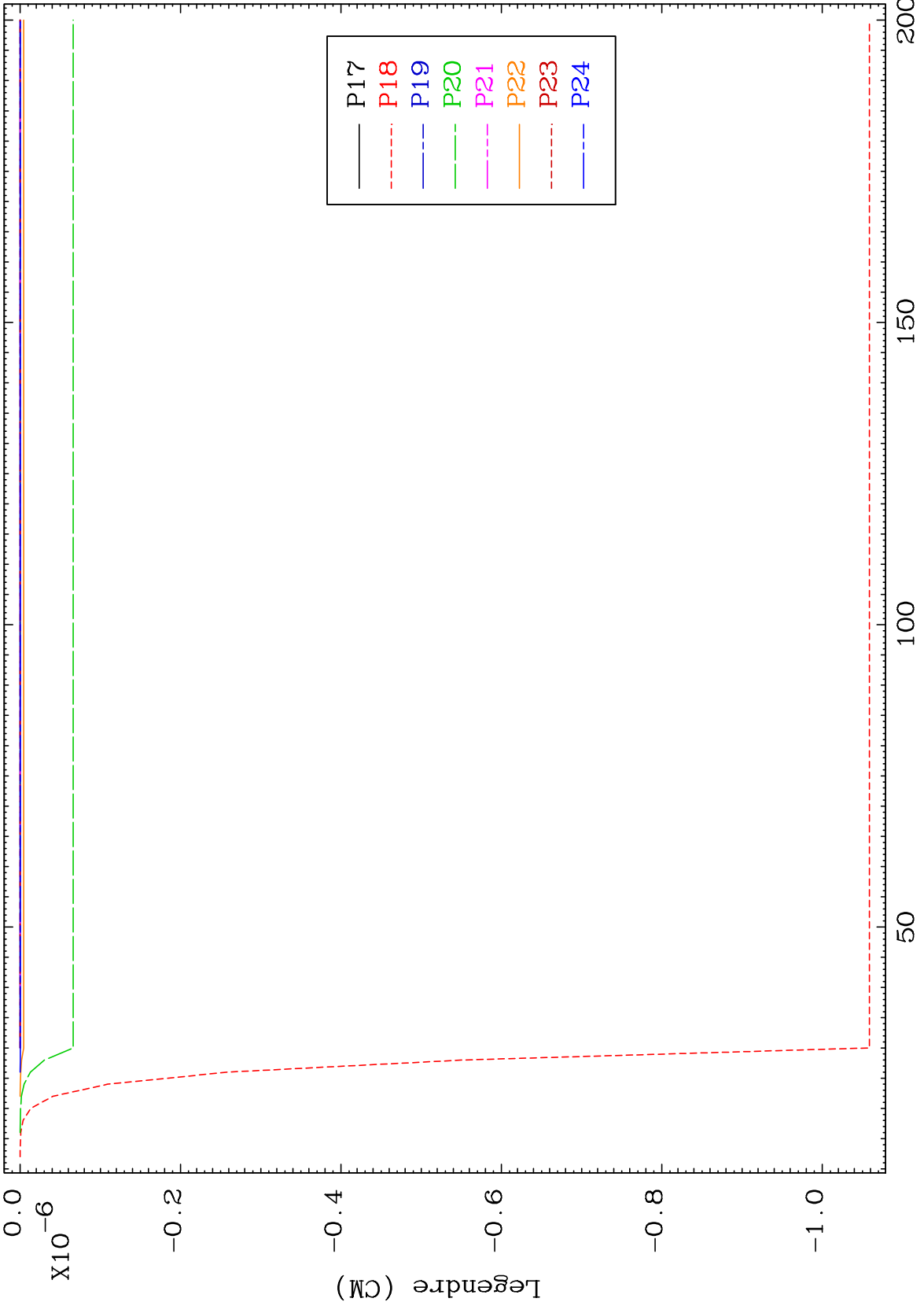
MAT 4904 MT= 69 (n,n') Level Legendre Coefficients 49-In-106



79 49-In-106



MAT 4904 MT= 69 (n,n') Level Legendre Coefficients 49-In-106

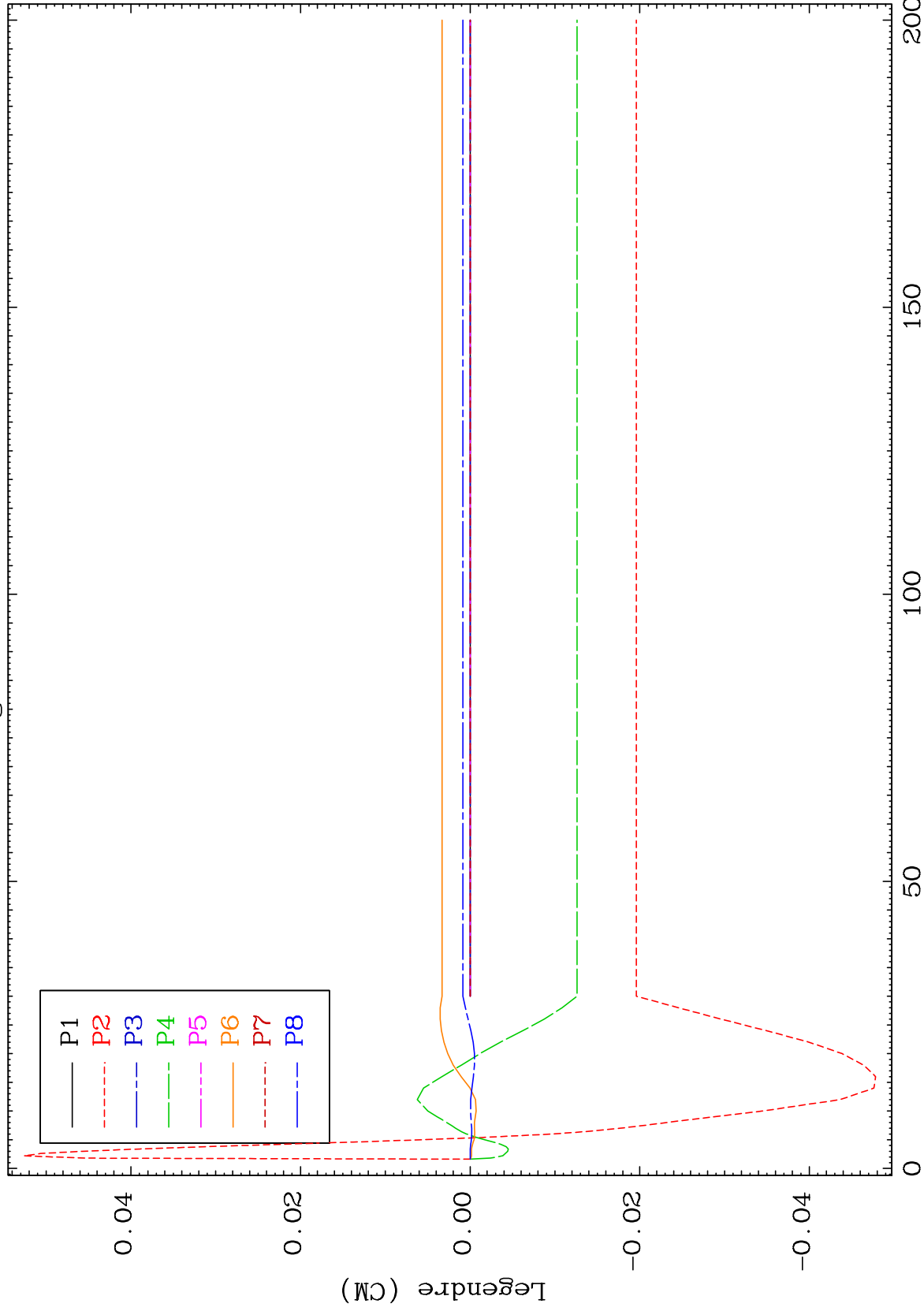


80 Incident Energy (MeV) 150 200 49-In-106

MAT 4904

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

49-In-106

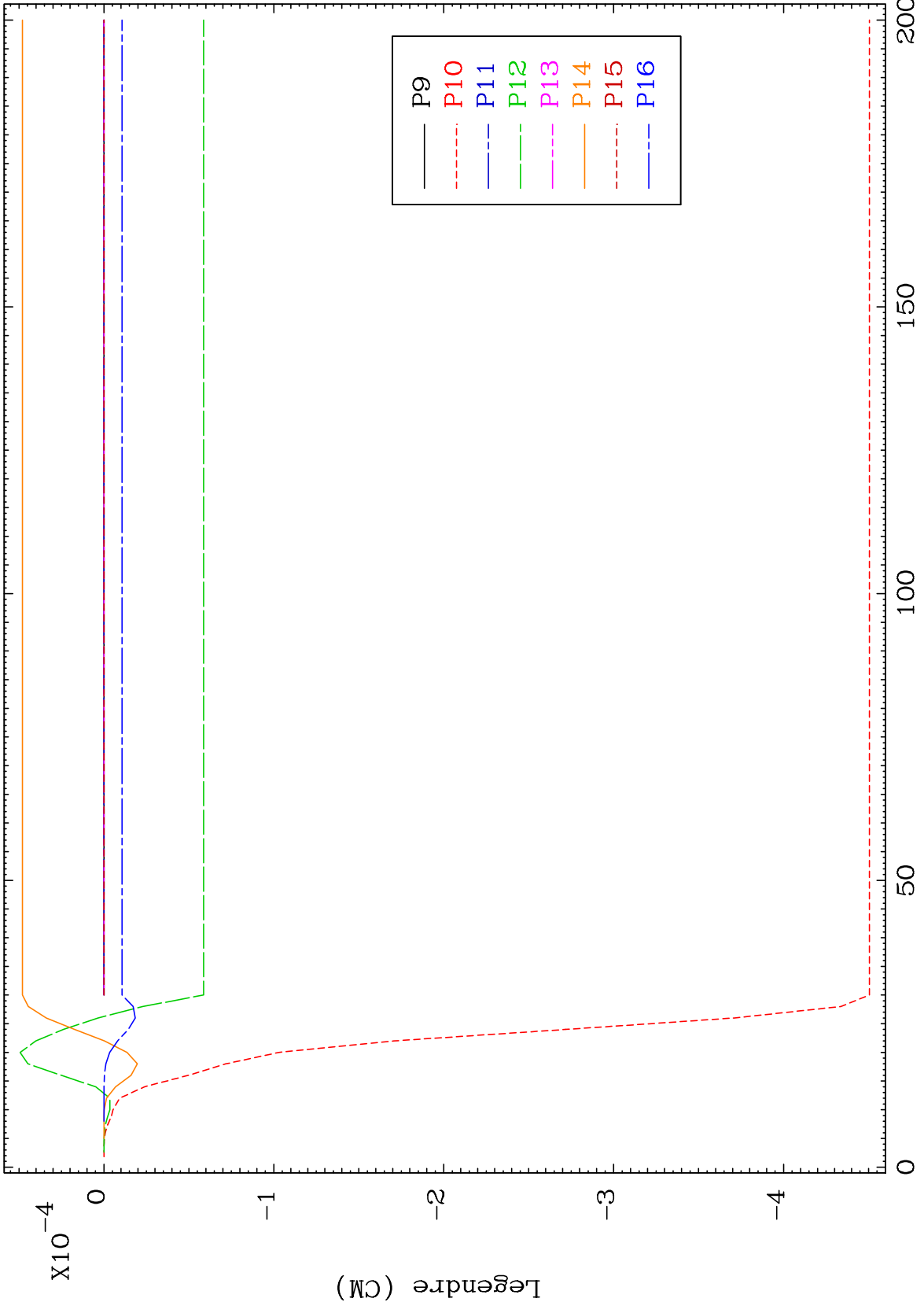


81

Incident Energy (MeV)

49-In-106

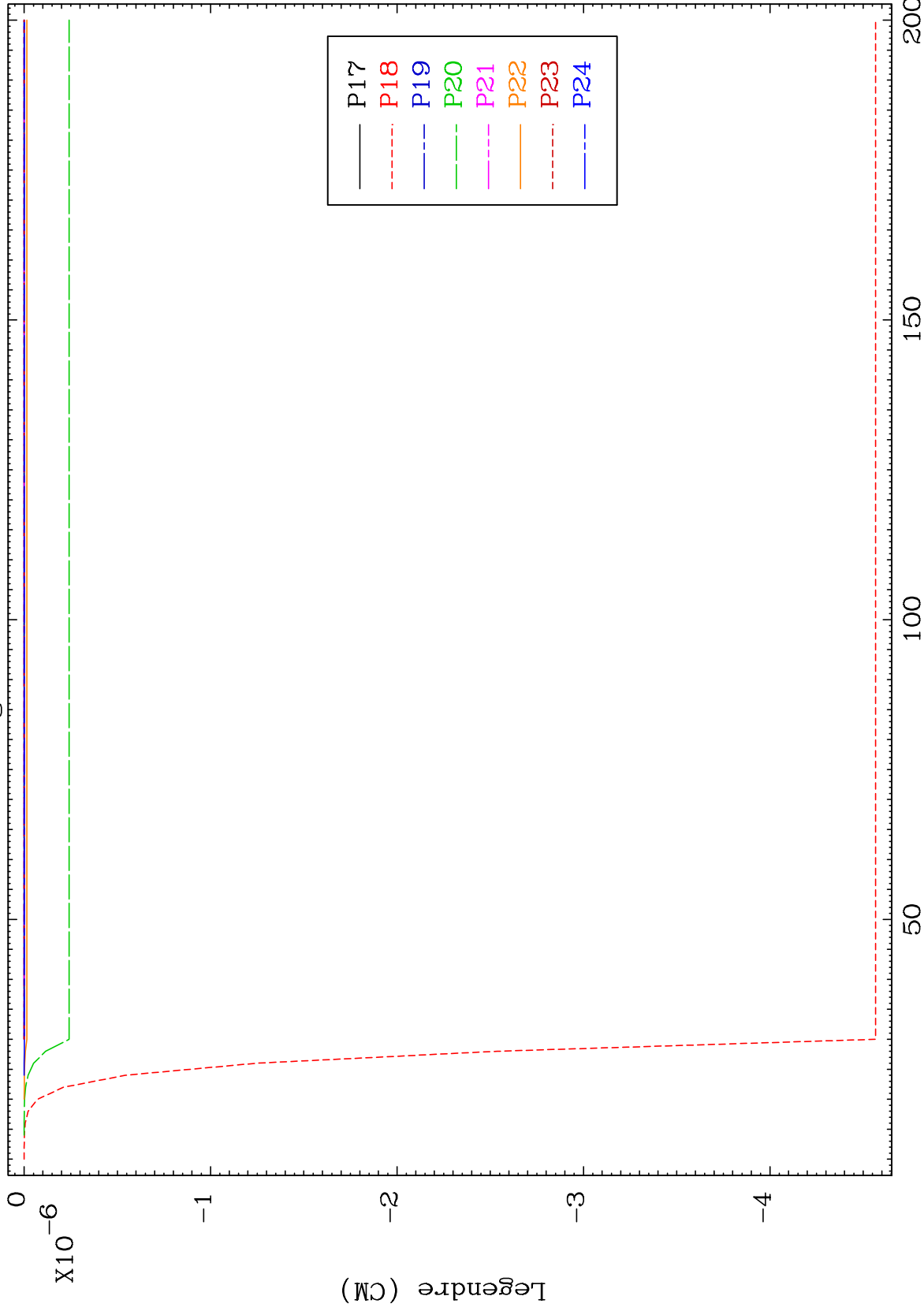
MAT 4904 MT= 70 (n,n') Level Legendre Coefficients 49-In-106



MAT 4904

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

49-In-106



83

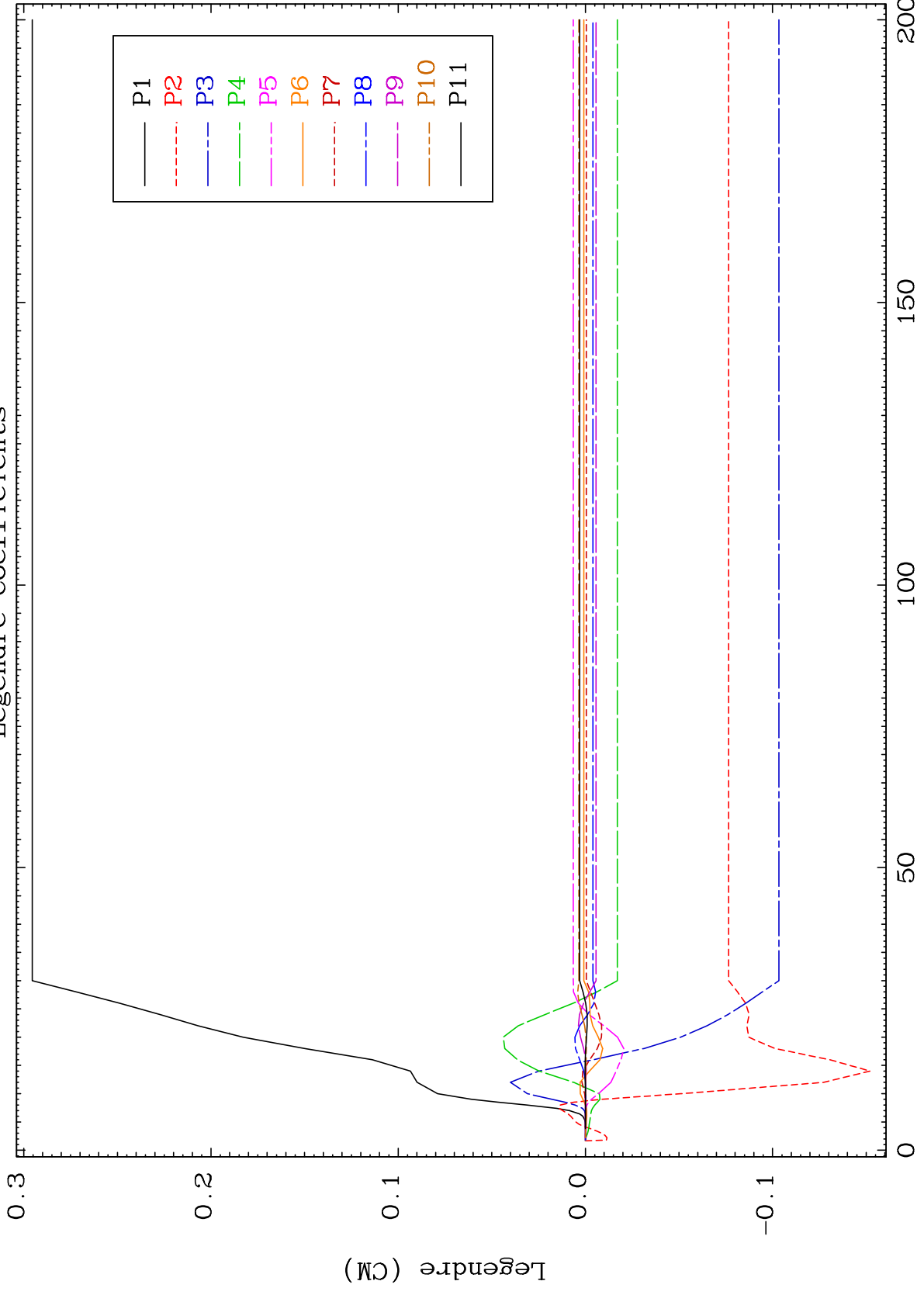
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



84

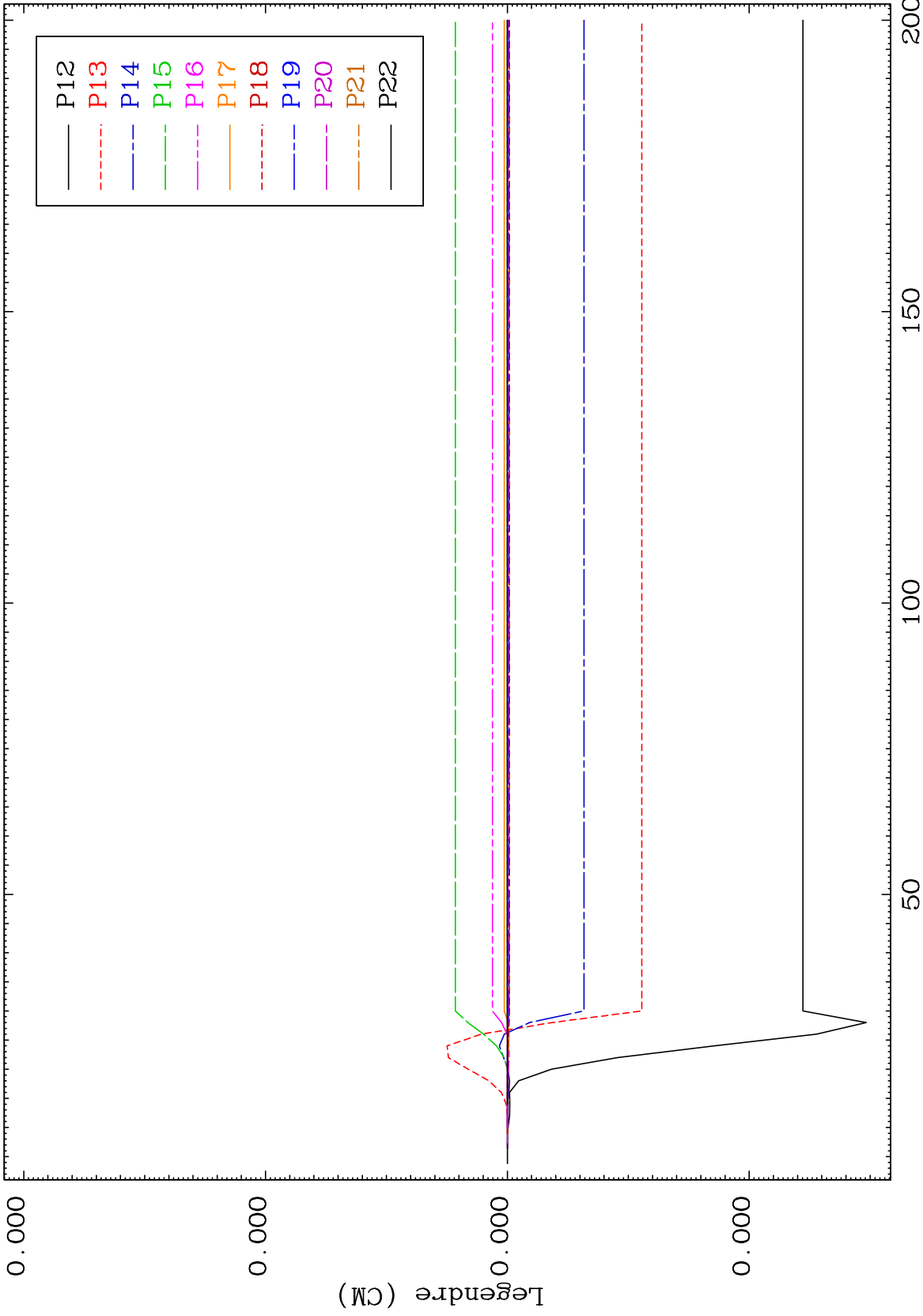
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



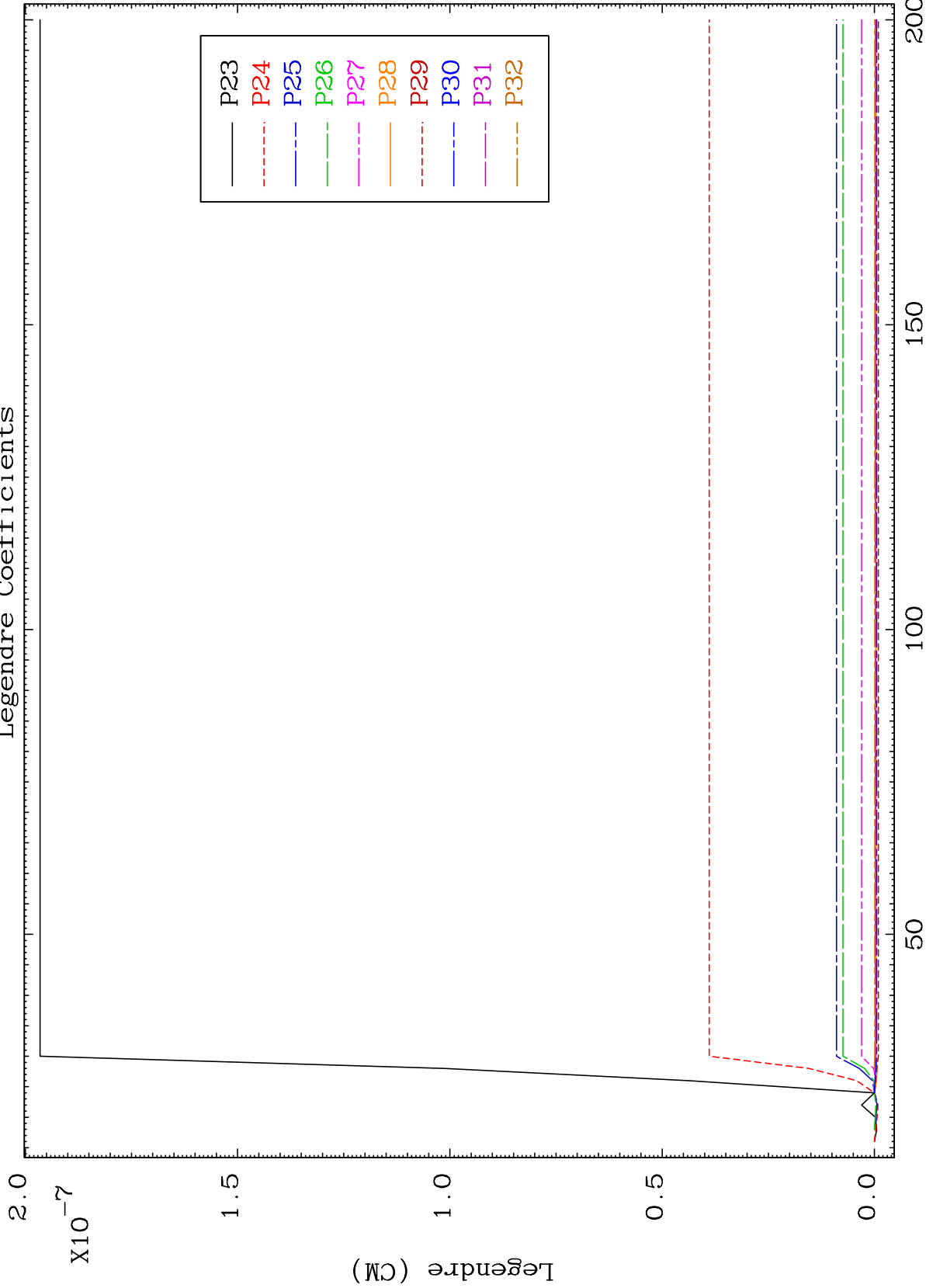
85

49-In-106

MAT 4904

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

49-In-106



86

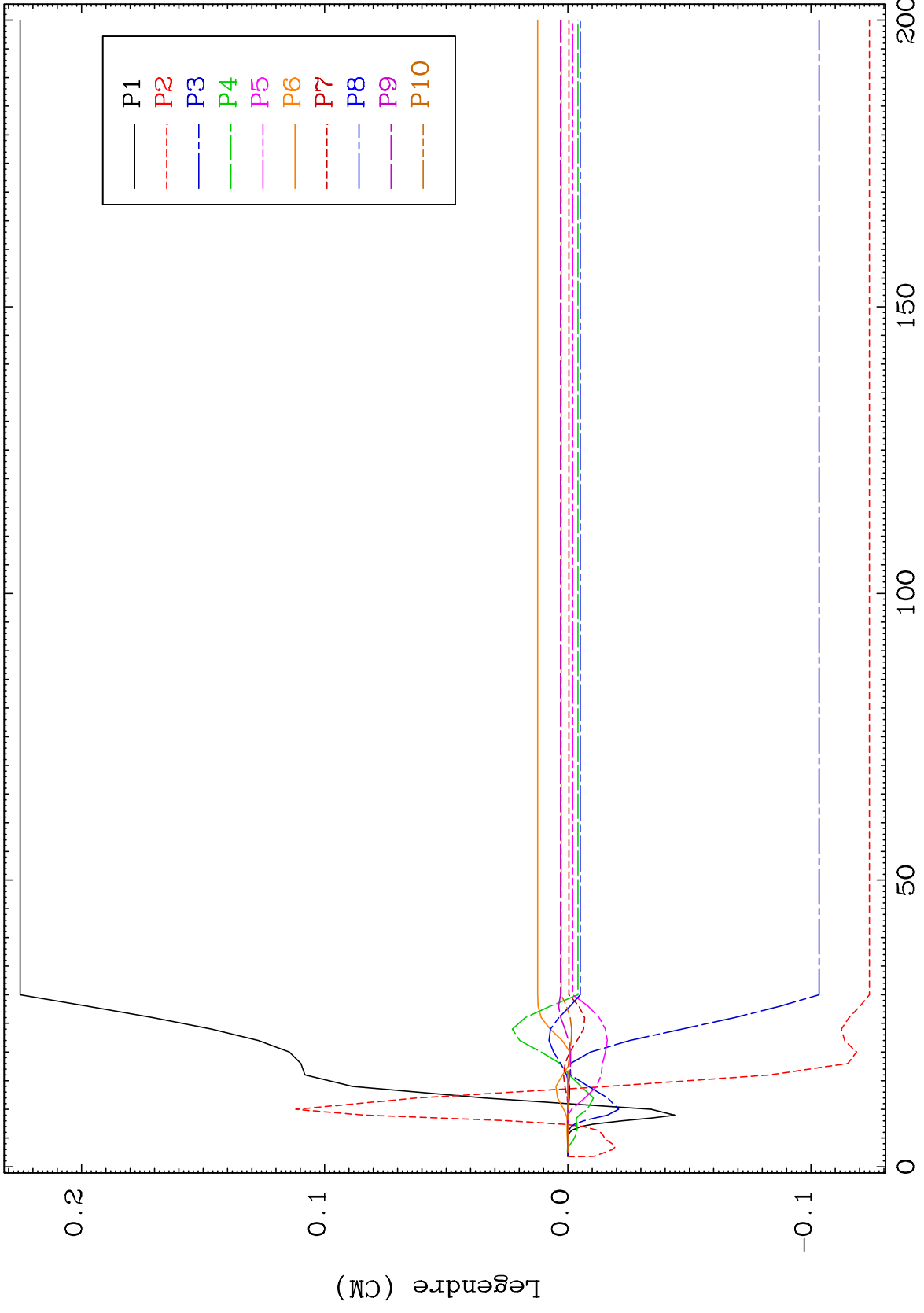
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



87

Incident Energy (MeV)

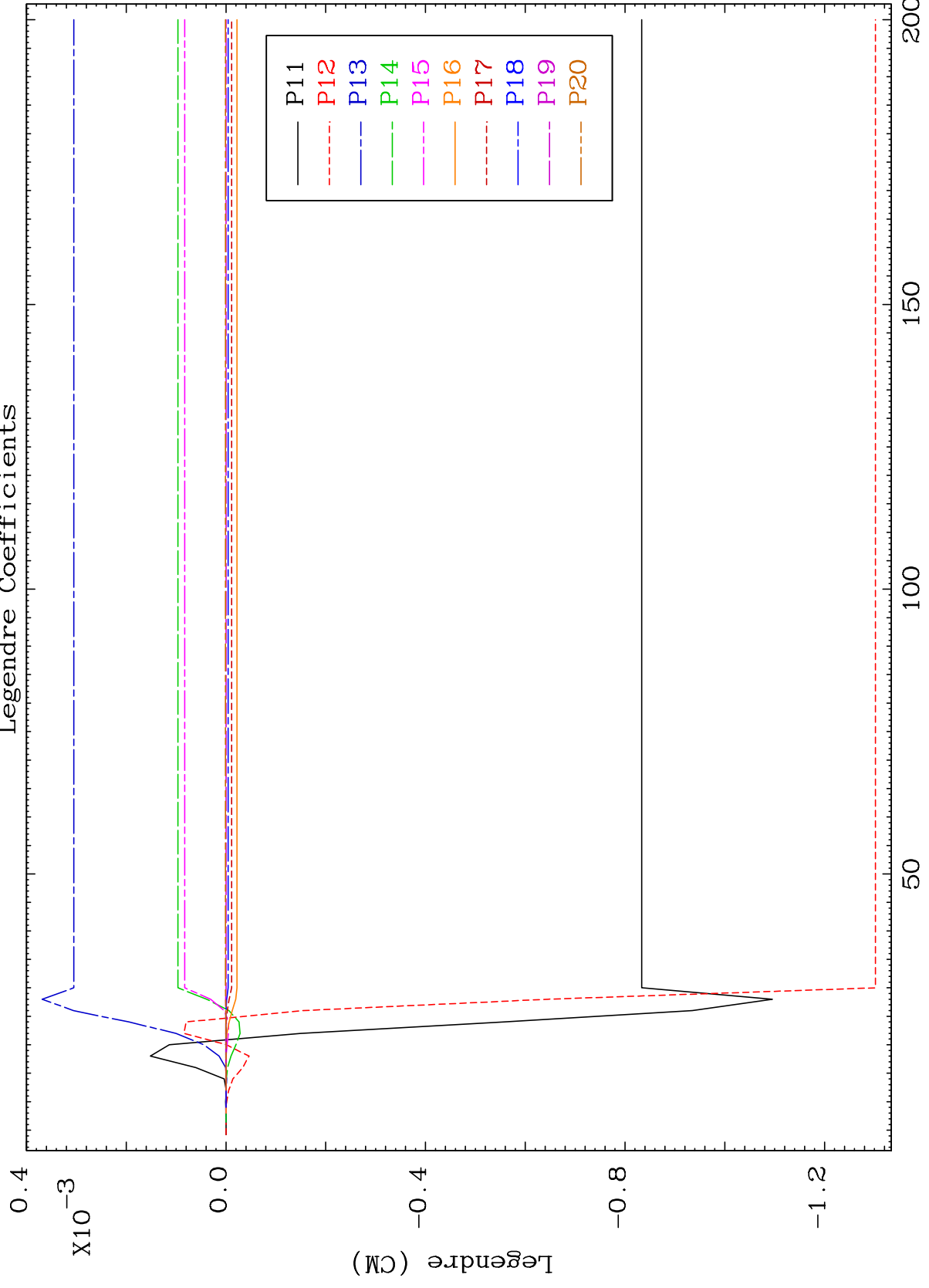
49-In-106



MAT 4904

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

49-In-106



88

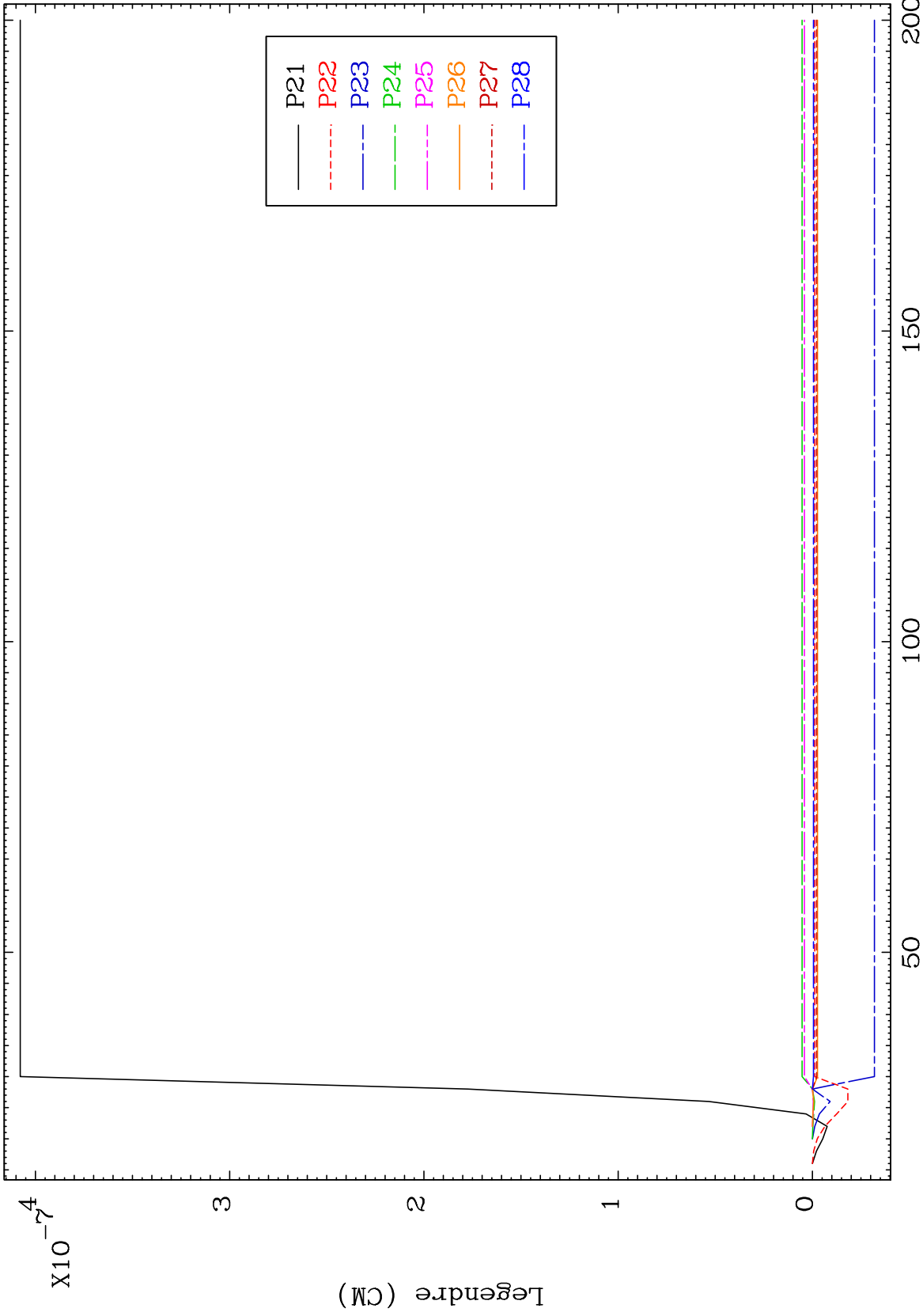
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



89

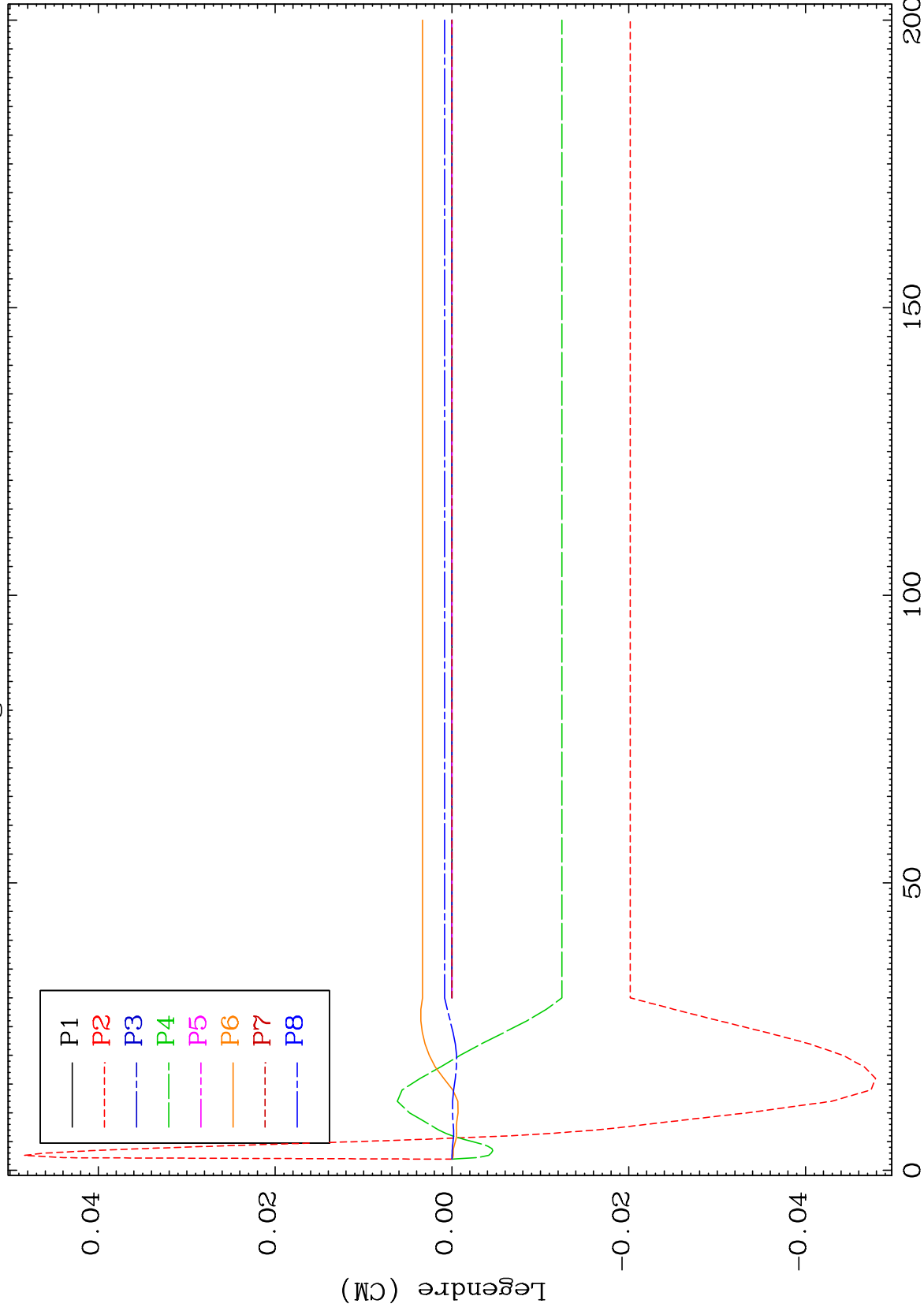
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



90

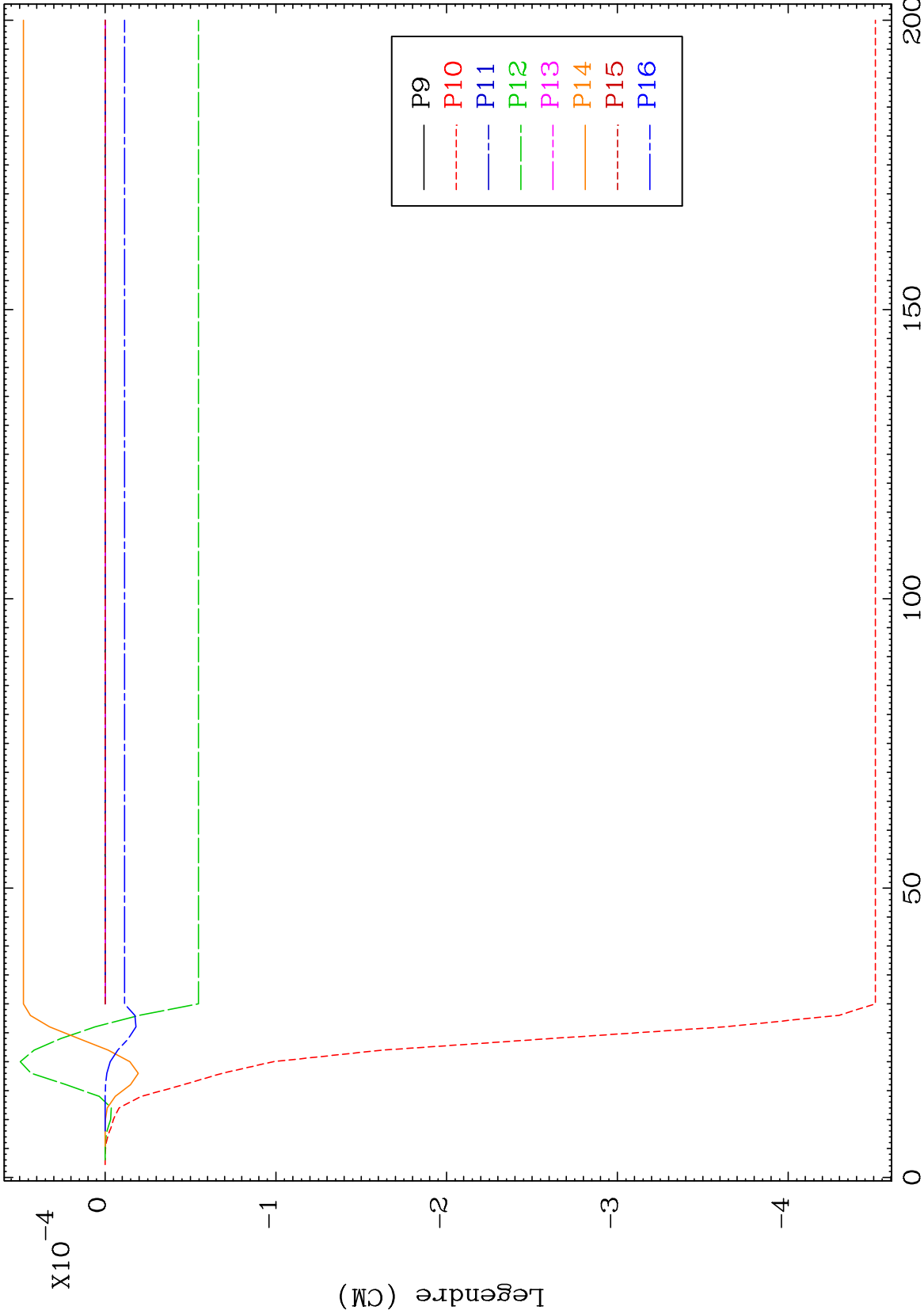
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



91

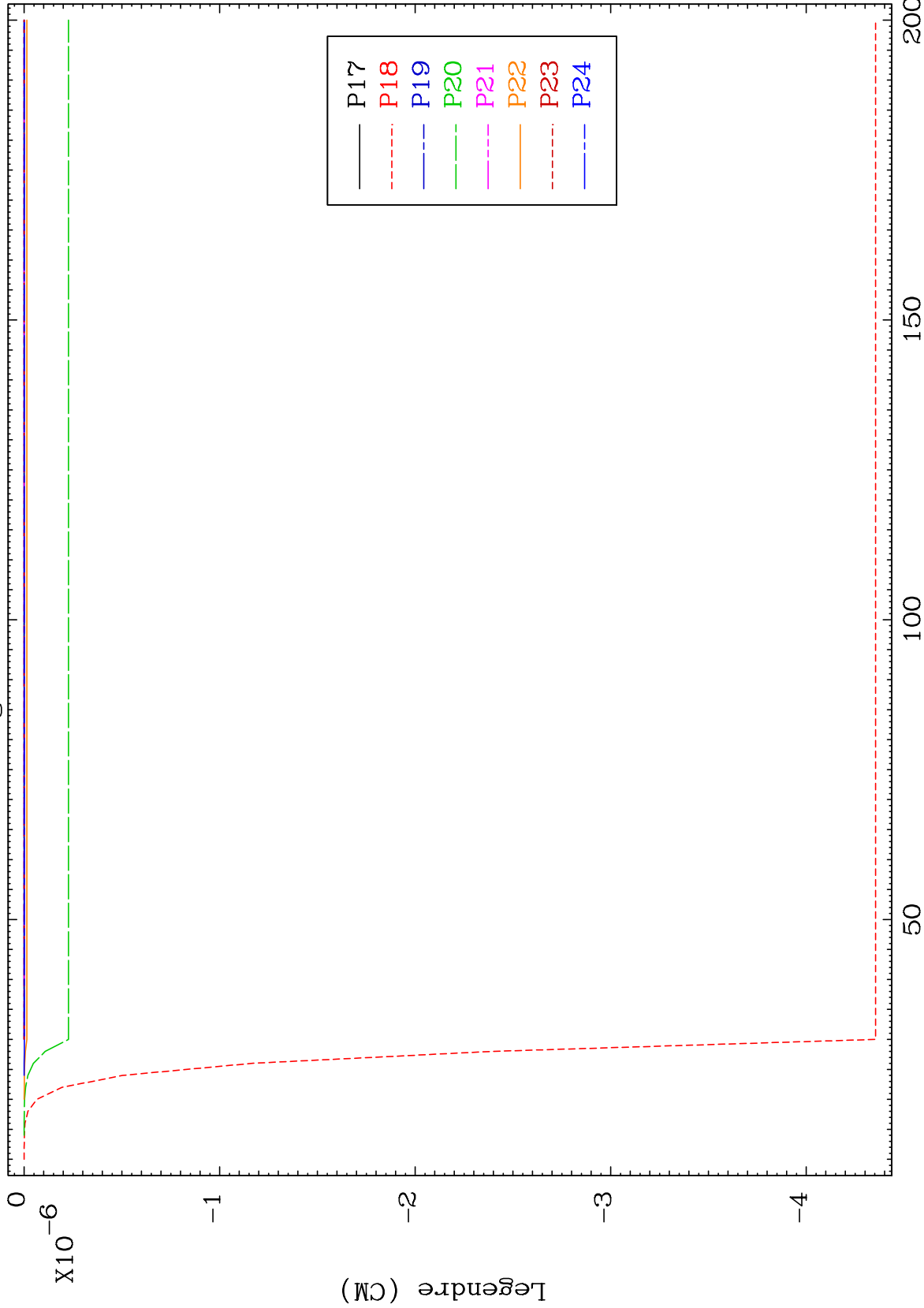
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



92

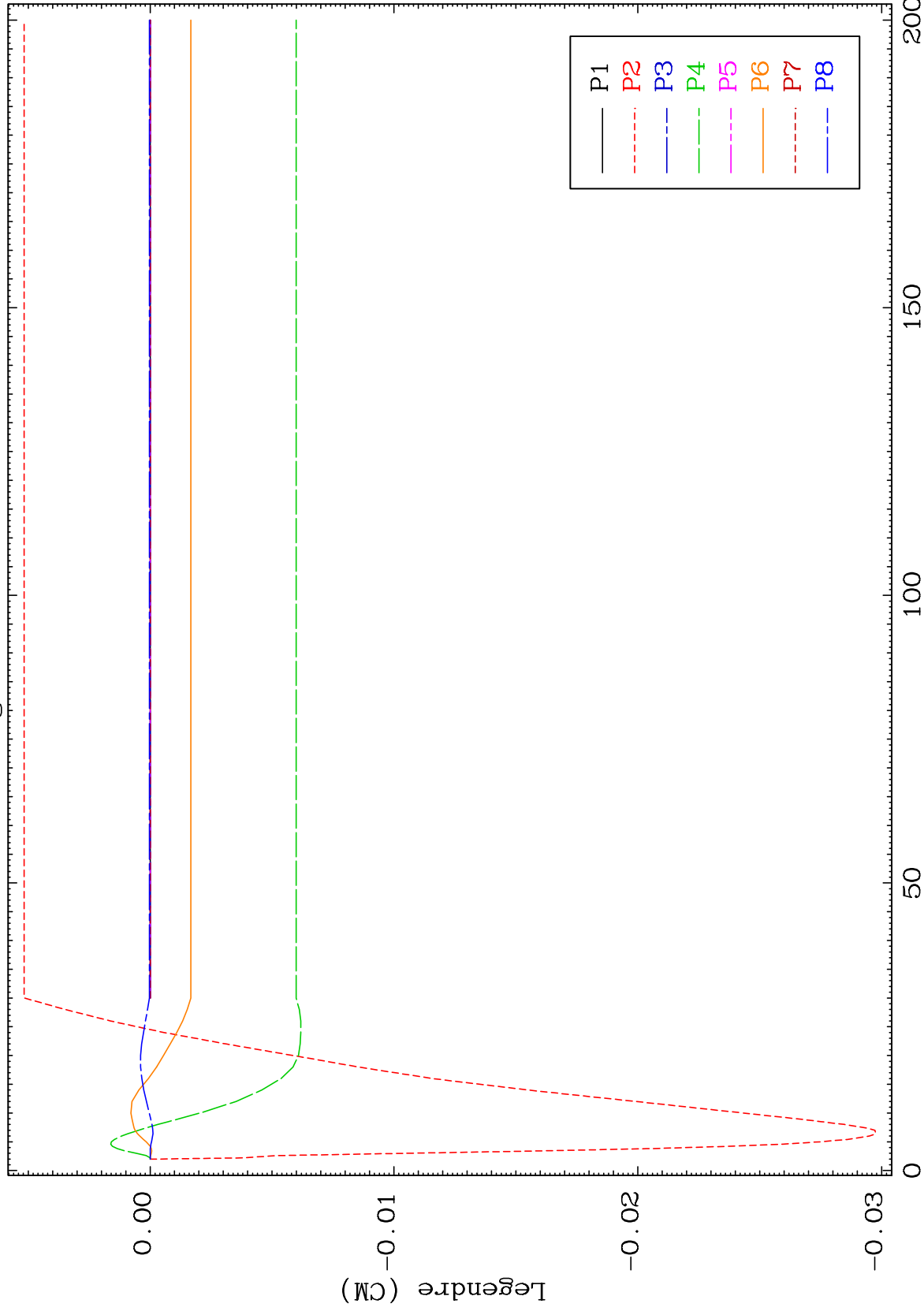
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106

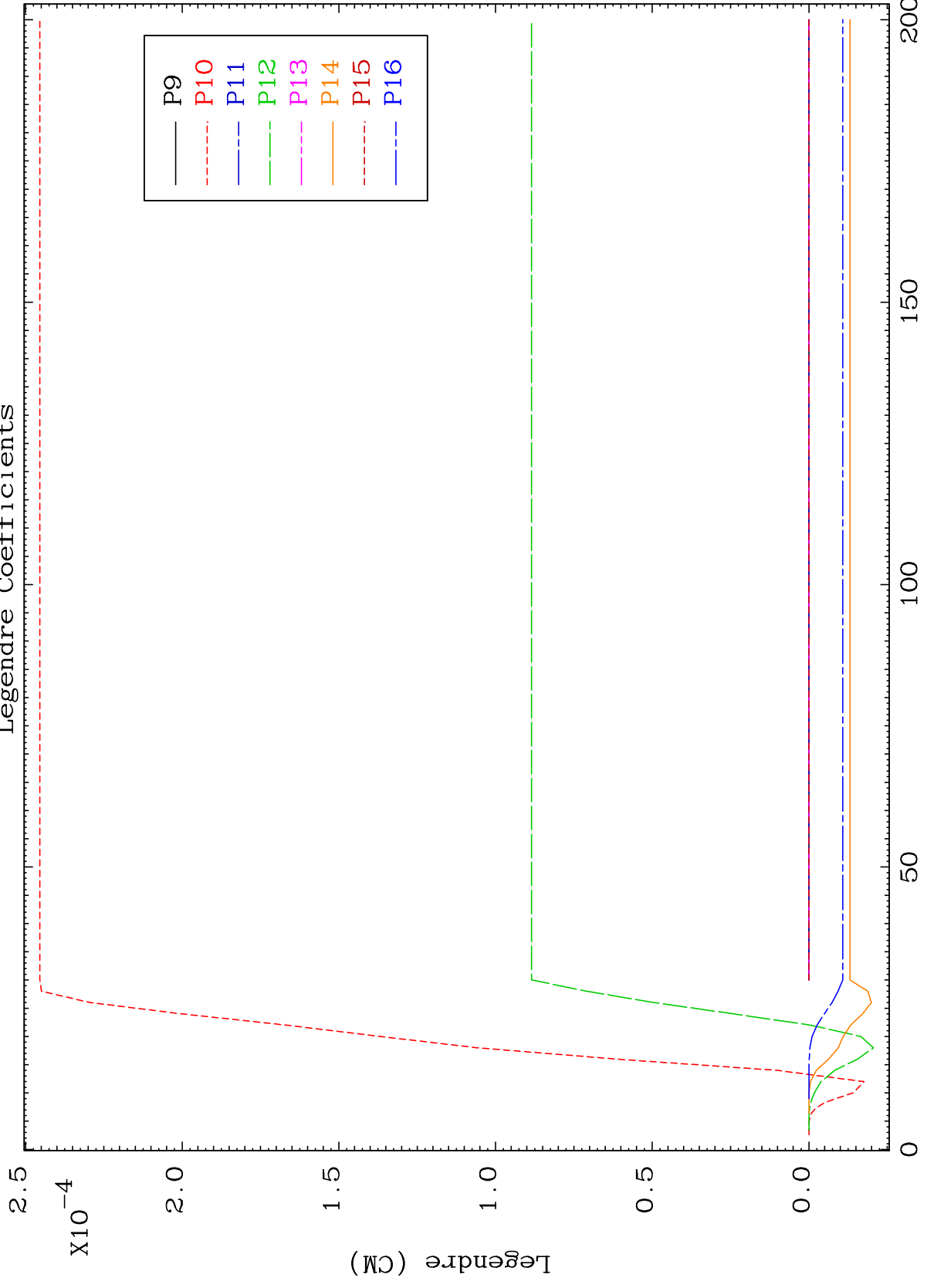


93

Incident Energy (MeV)

49-In-106

MAT 4904 MT= 74 (n,n') Level Legendre Coefficients 49-In-106



94 49-In-106

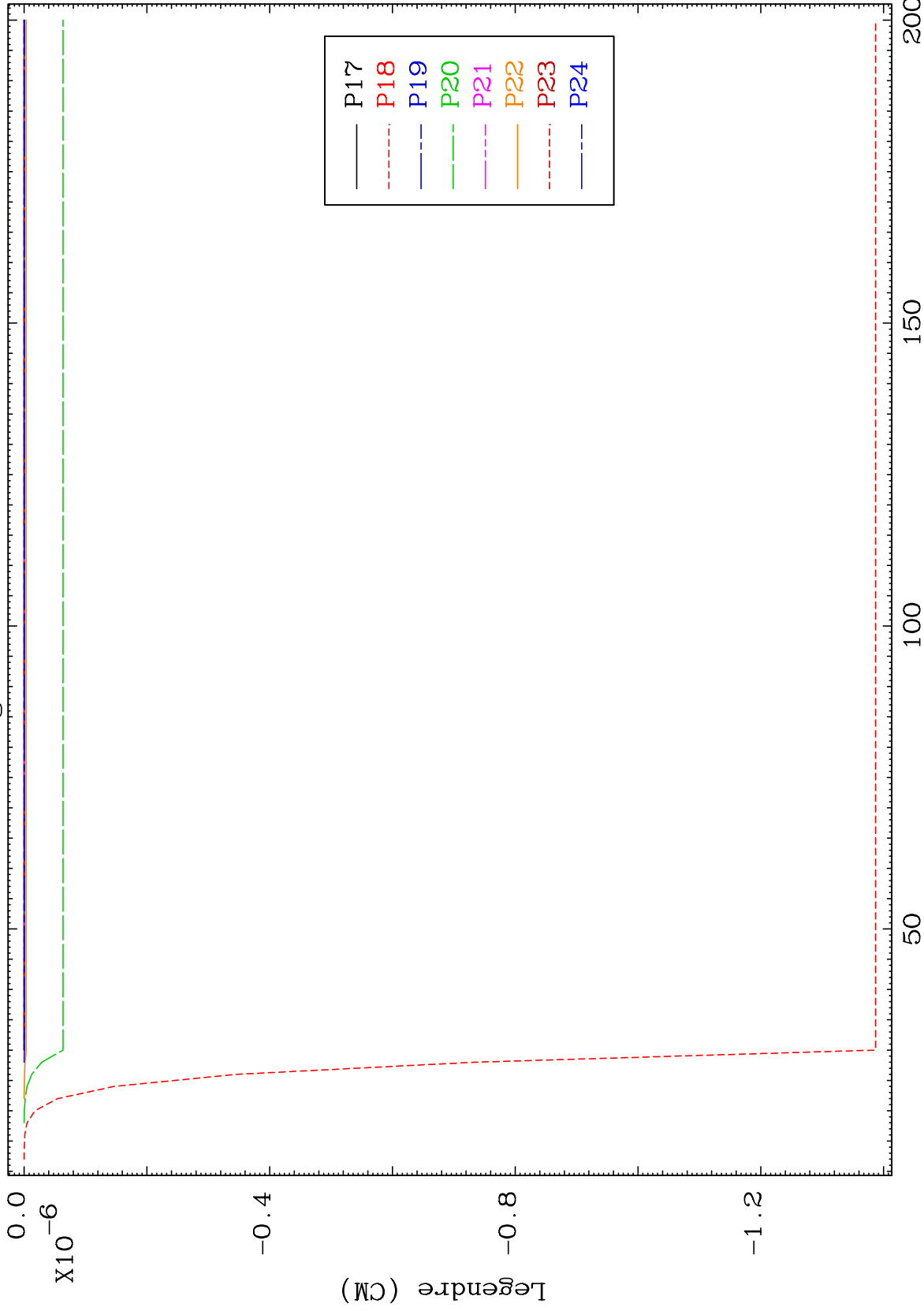
MAT 4904

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

49-In-106

Incident Energy (MeV)

95

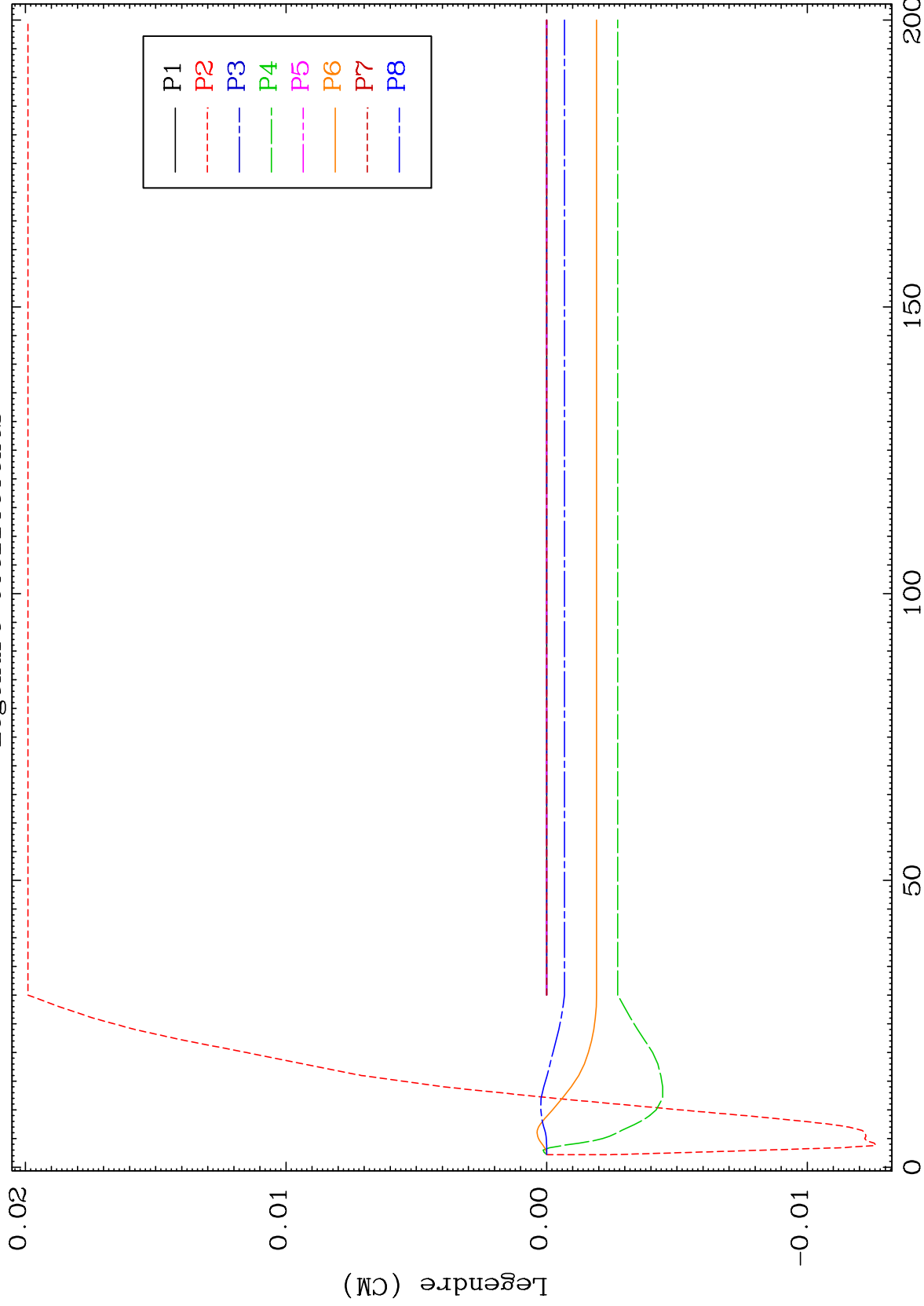




MAT 4904

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

49-In-106



96

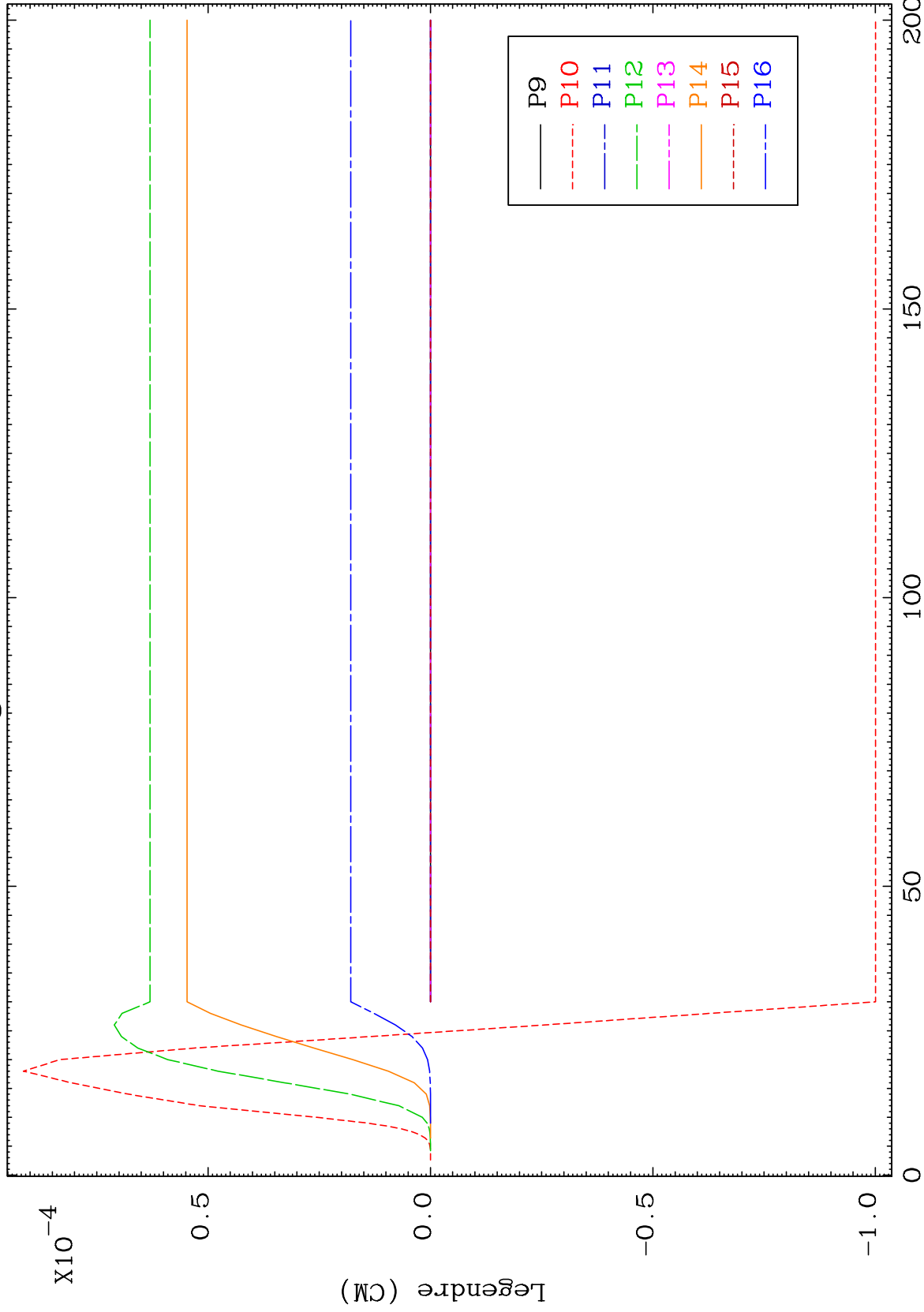
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



97

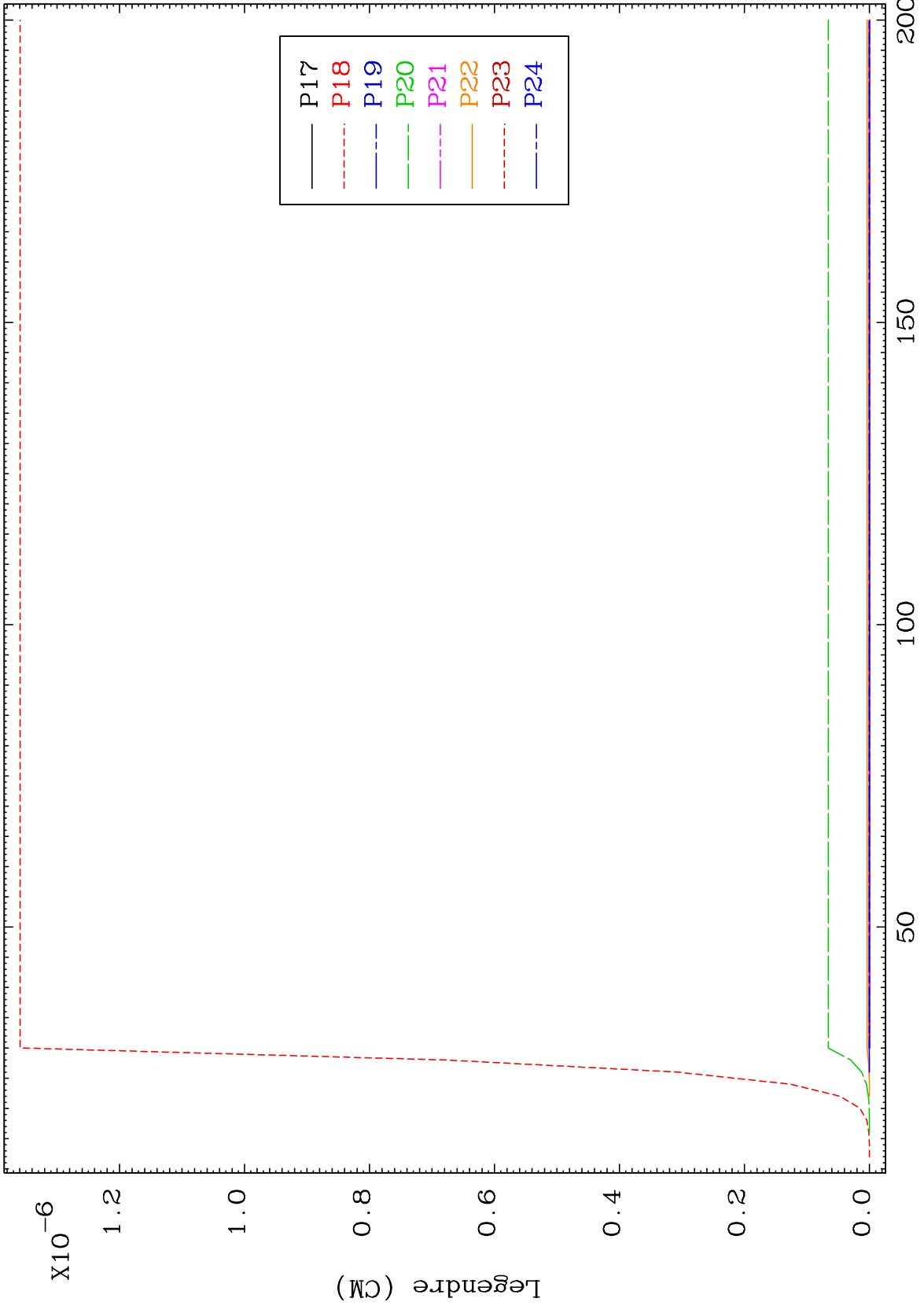
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



98

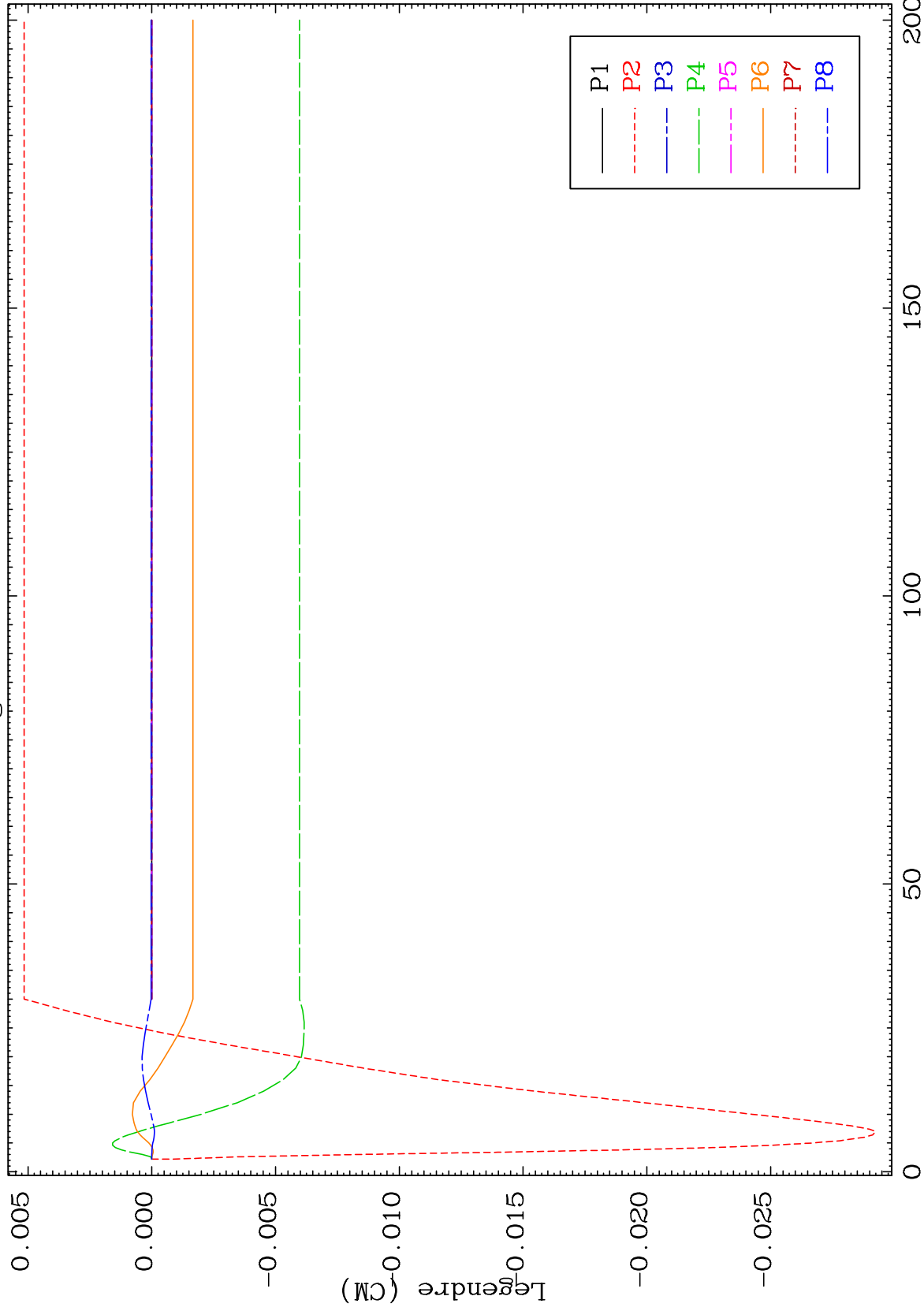
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



99

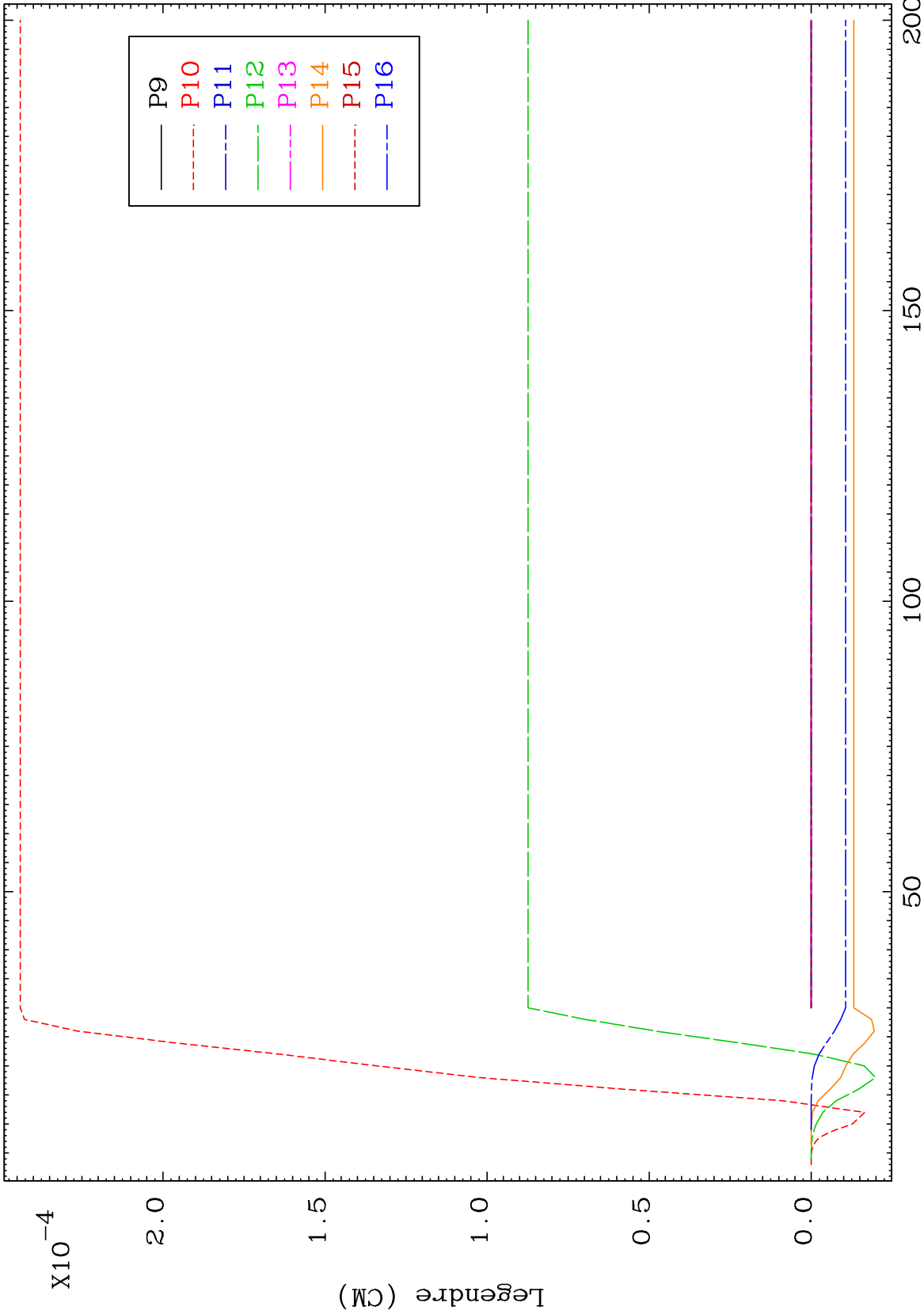
Incident Energy (MeV)

49-In-106

MAT 4904

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

49-In-106



49-In-106

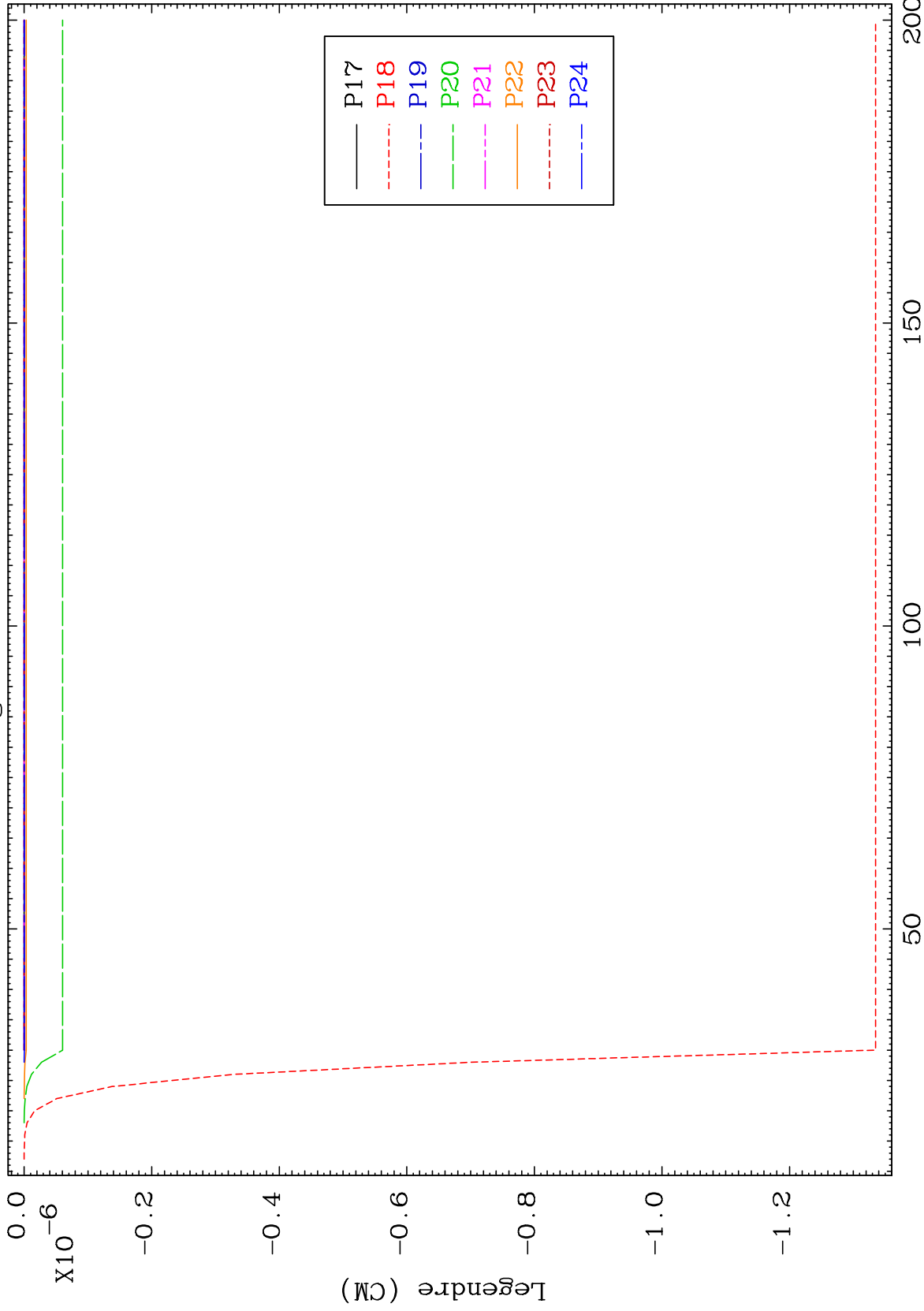
Incident Energy (MeV)

Legendre (CM)

MAT 4904

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

49-In-106



101

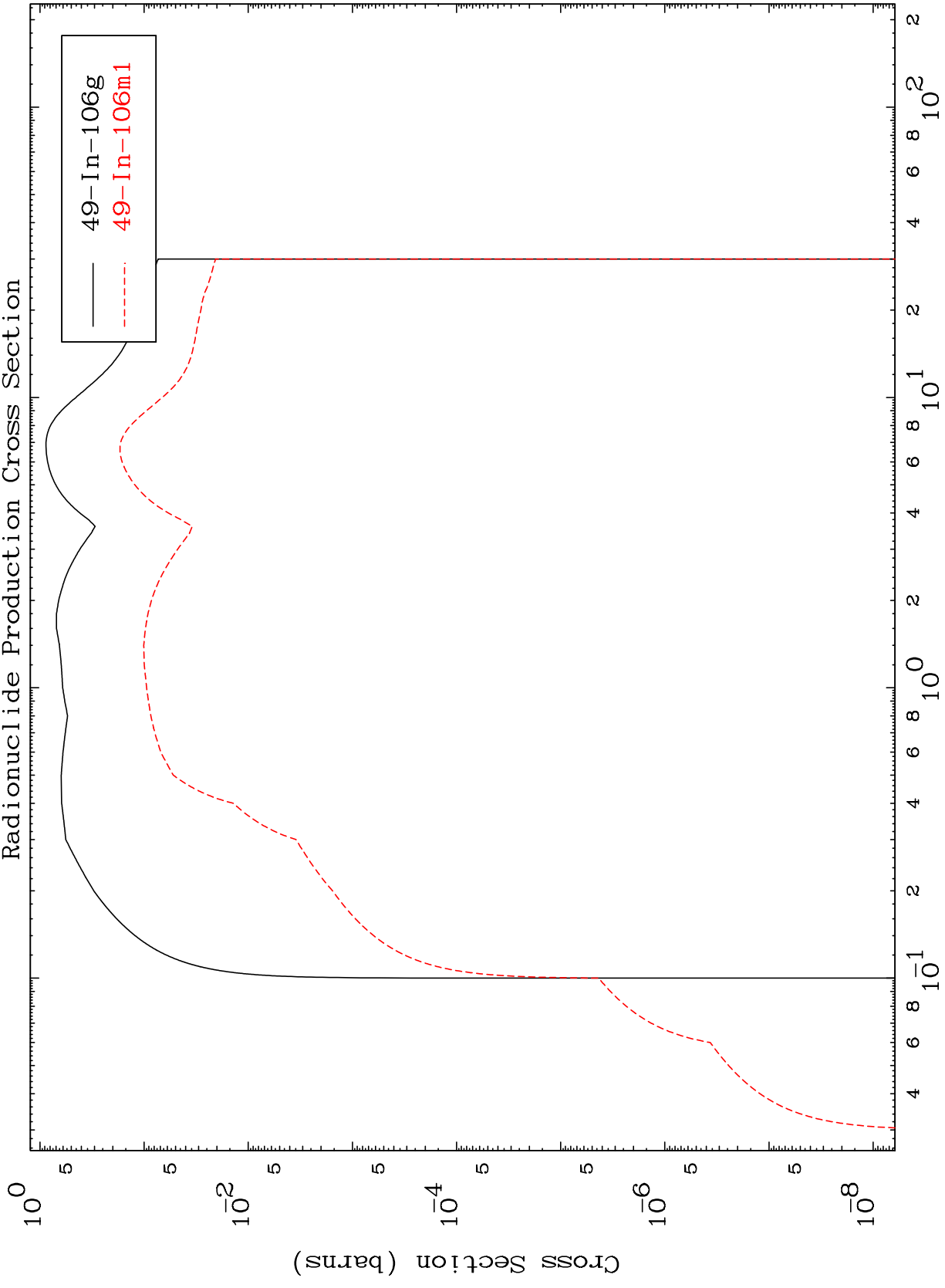
Incident Energy (MeV)

49-In-106

MAT 4904

Inelastic  
Radionuclide Production Cross Section

49-In-106



102

Incident Energy (MeV)

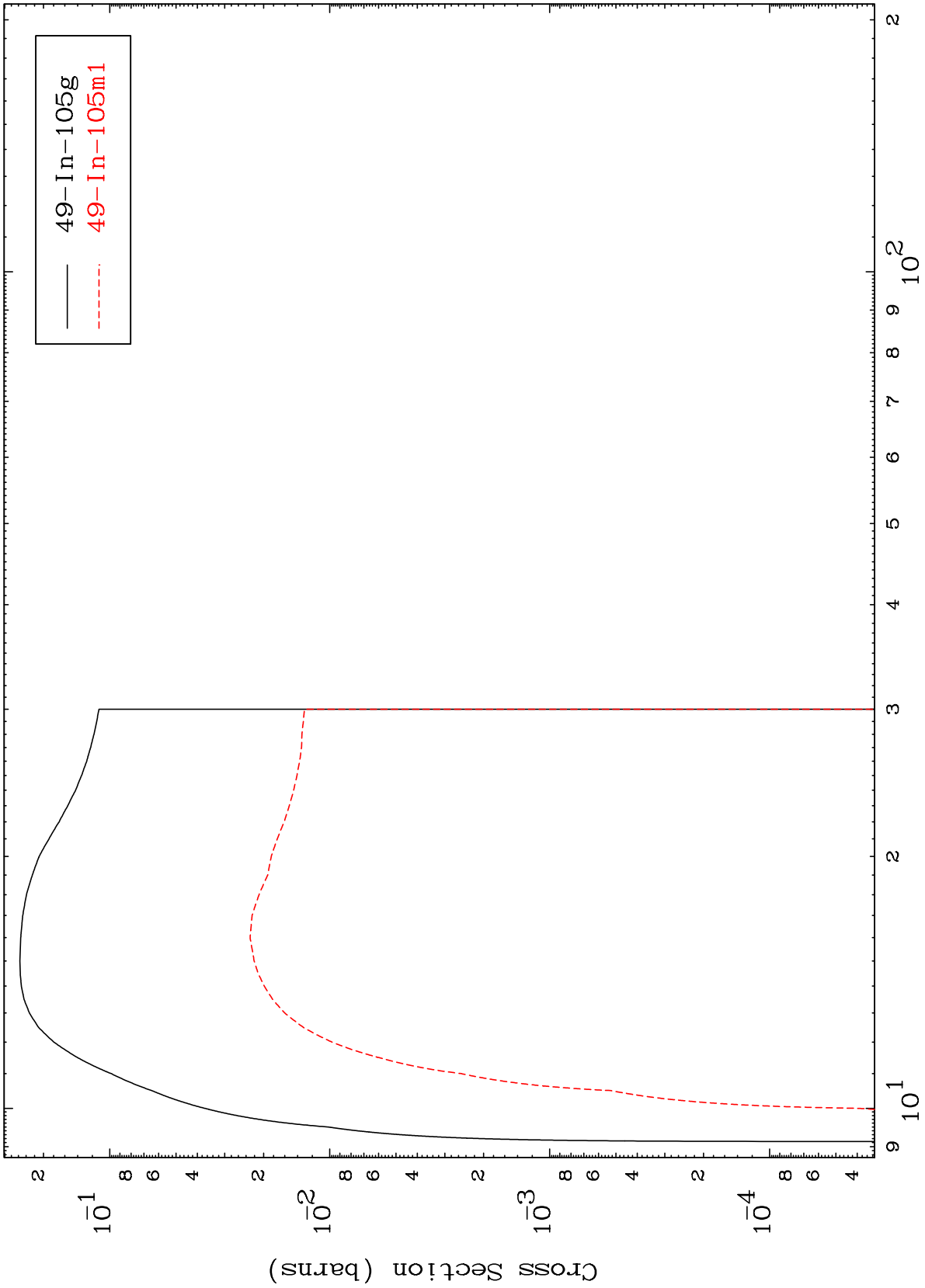
49-In-106

MAT 4904

(n,2n)

49-In-106

Radionuclide Production Cross Section



103

Incident Energy (MeV)

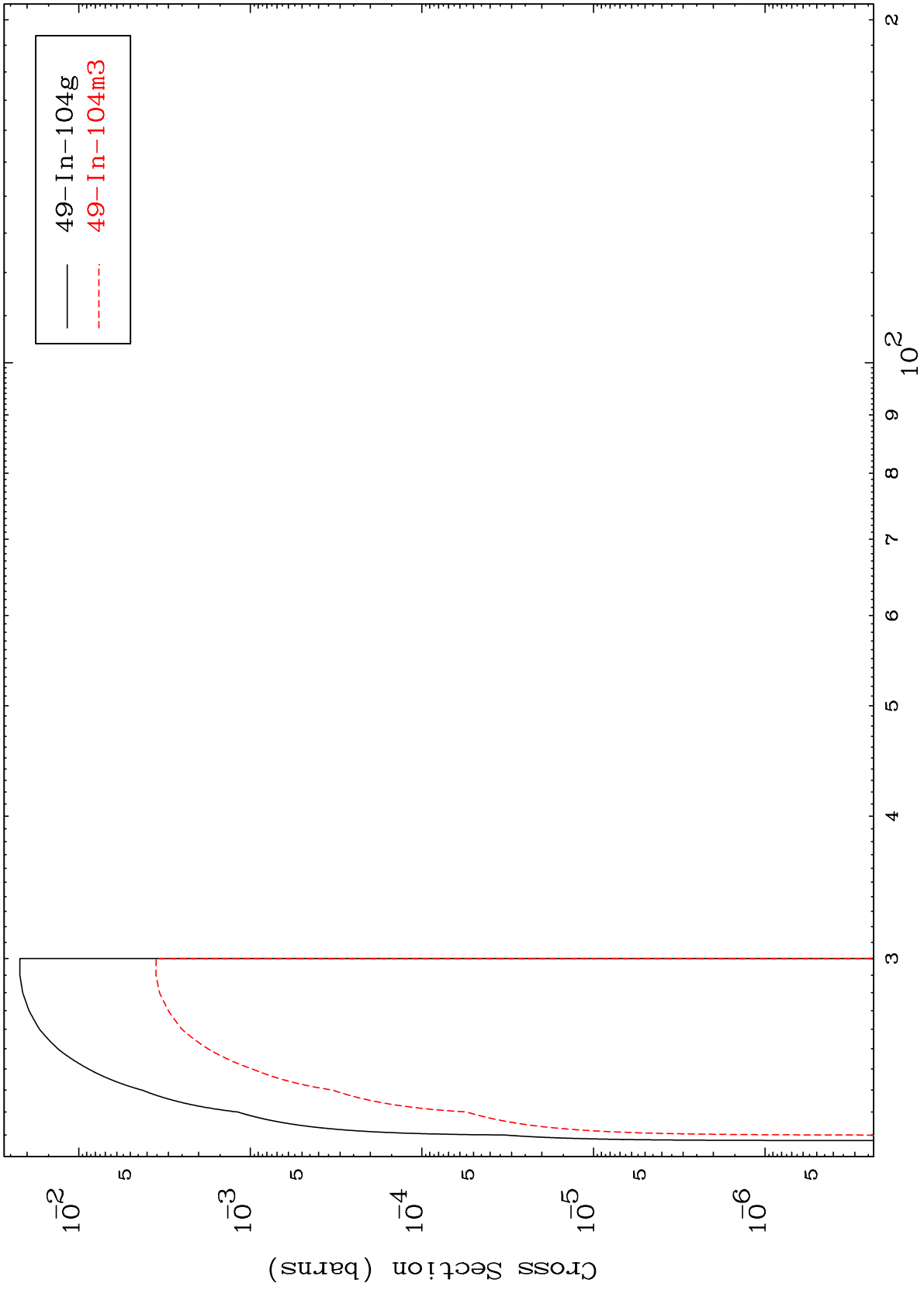
49-In-106



MAT 4904

49-In-106

(n,3n)  
Radionuclide Production Cross Section



104

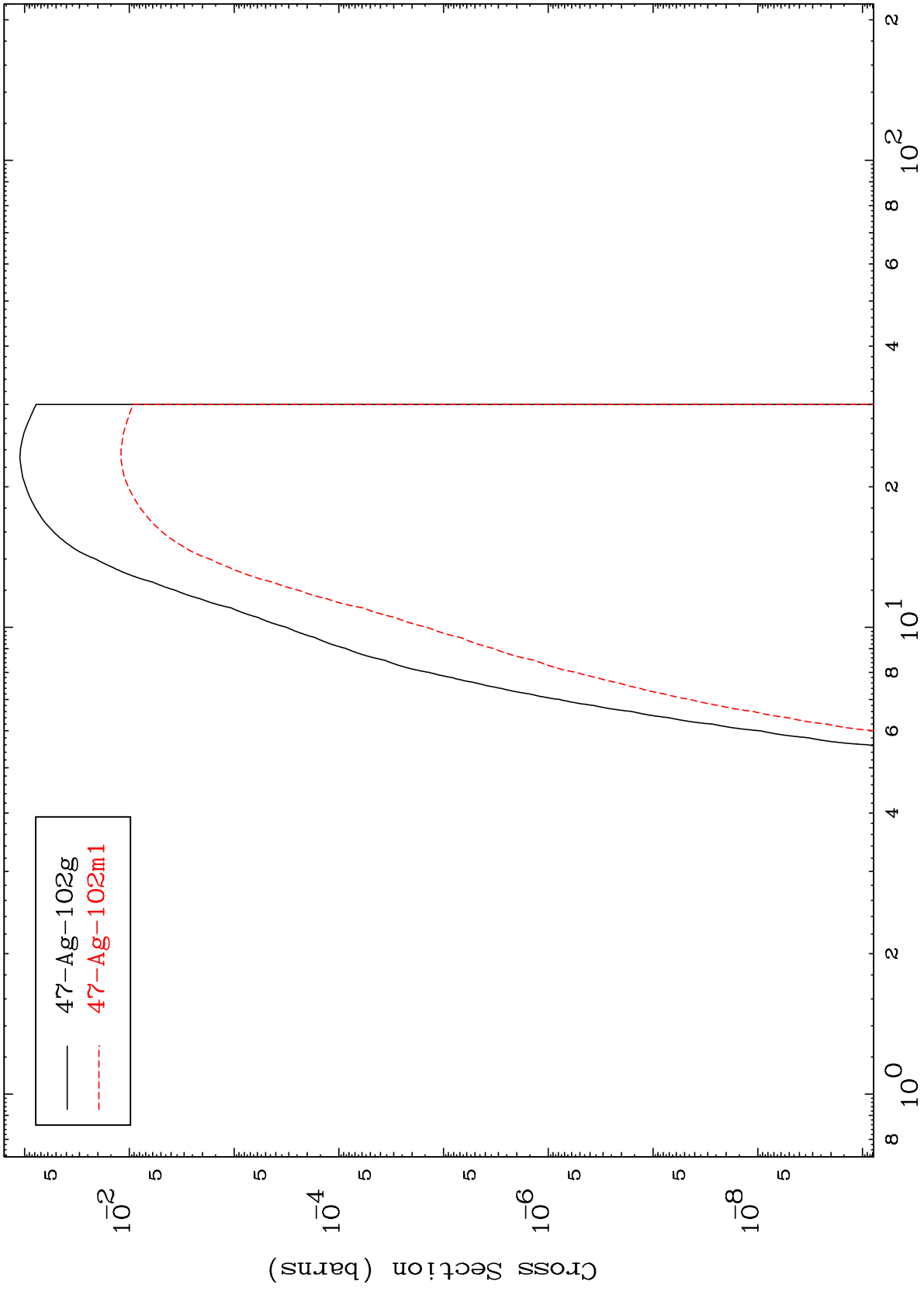
49-In-106

MAT 4904

(n,n')  $\alpha$

49-In-106

Radionuclide Production Cross Section



— 47-Ag-102g  
- - - 47-Ag-102m1

105

Incident Energy (MeV)

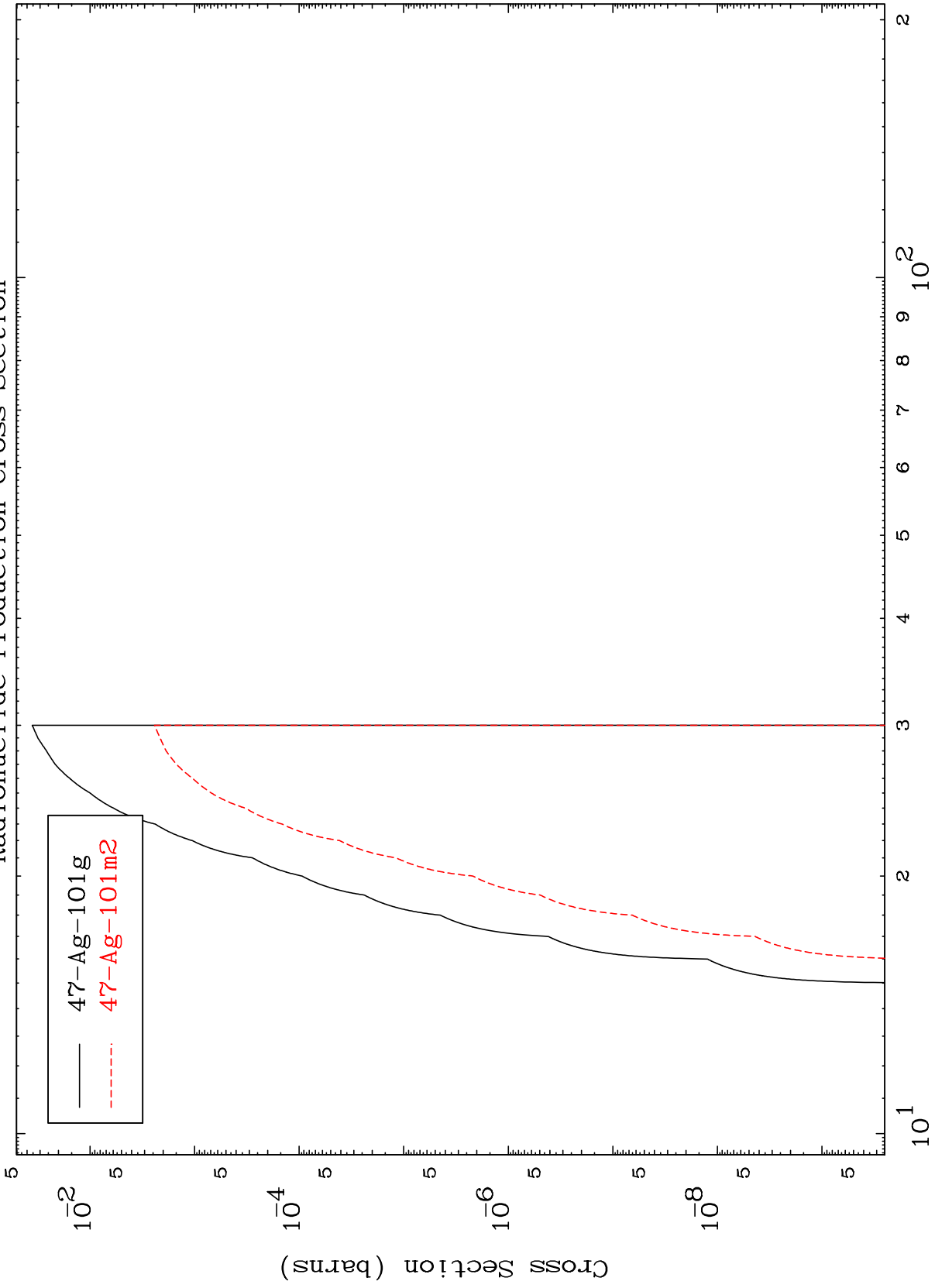
49-In-106

MAT 4904

(n,2n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



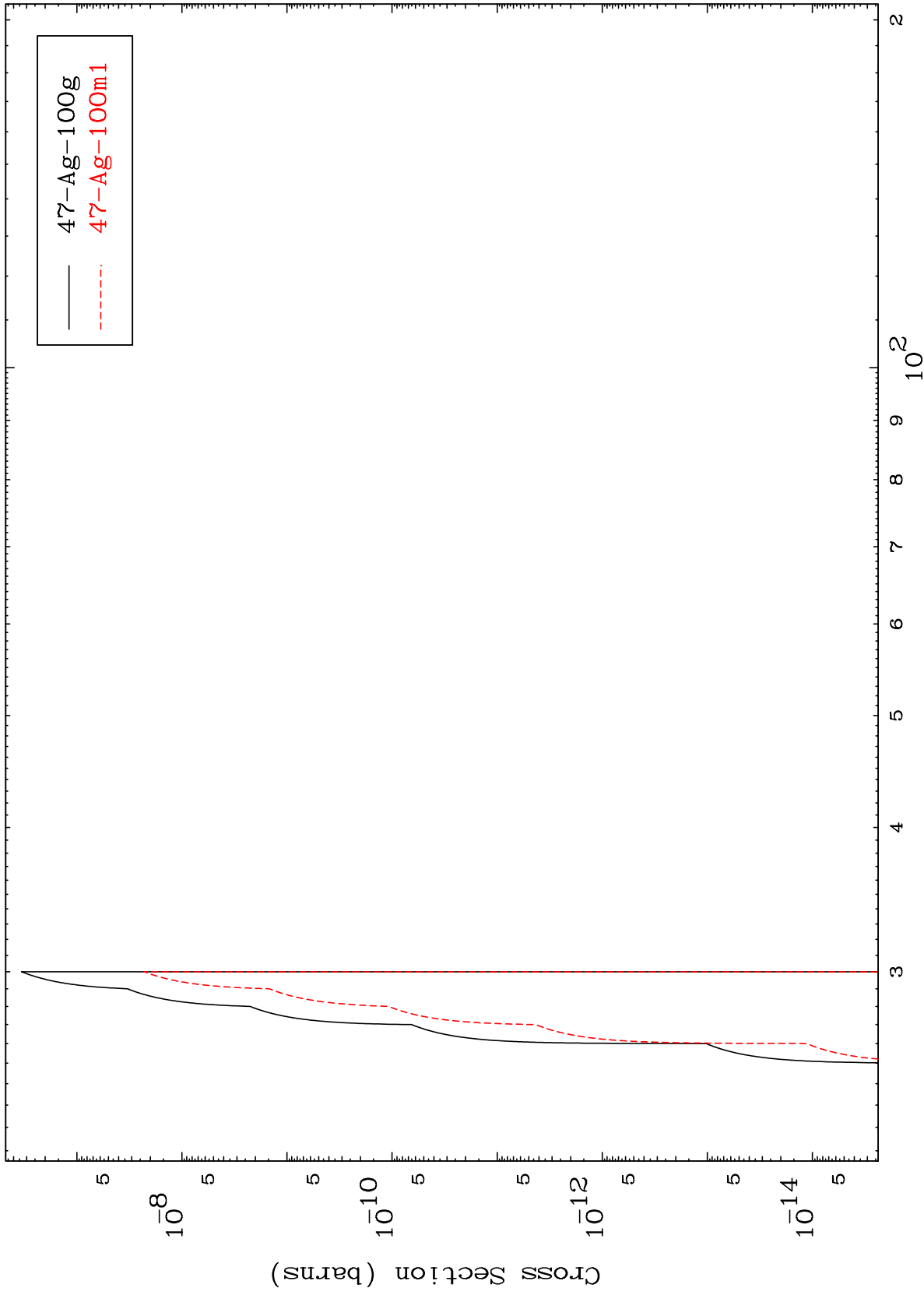
47-Ag-101g  
47-Ag-101m2

MAT 4904

(n,3n)  $\alpha$

49-In-106

Radionuclide Production Cross Section



107

Incident Energy (MeV)

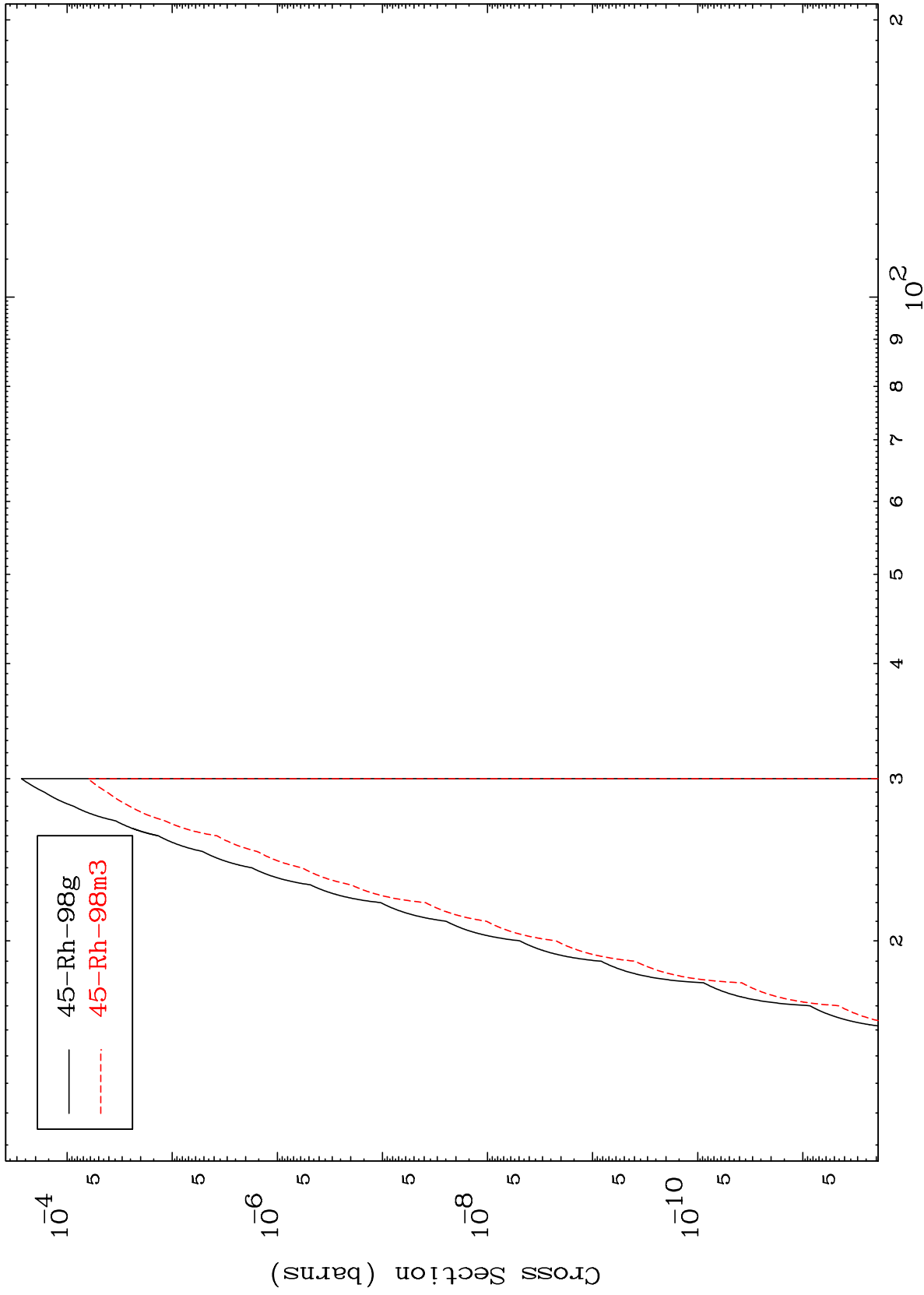
49-In-106

MAT 4904

(n,n') 2α

49-In-106

Radionuclide Production Cross Section



108

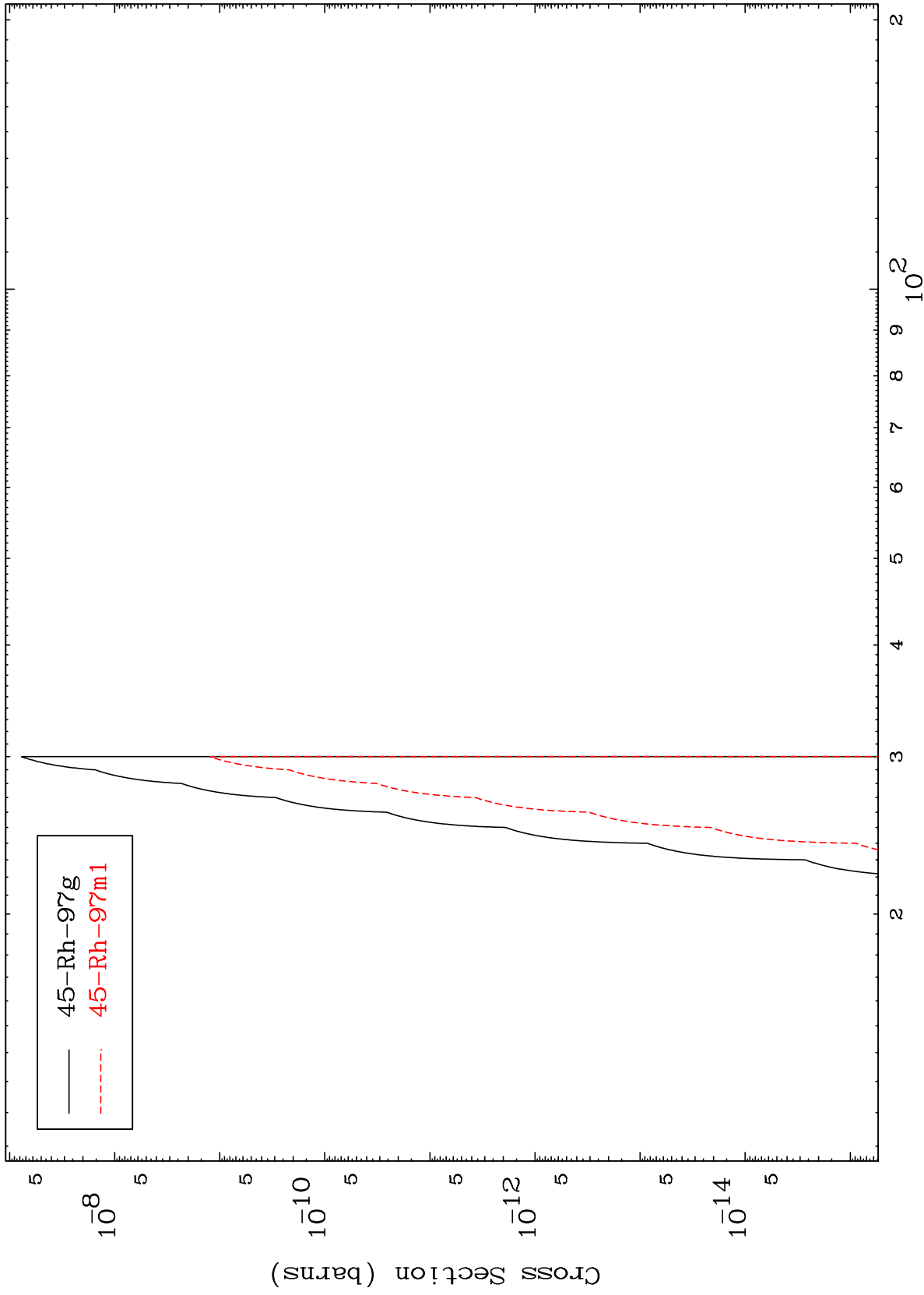
Incident Energy (MeV)

49-In-106

MAT 4904

49-In-106

(n,2n) 2 $\alpha$   
Radionuclide Production Cross Section



109

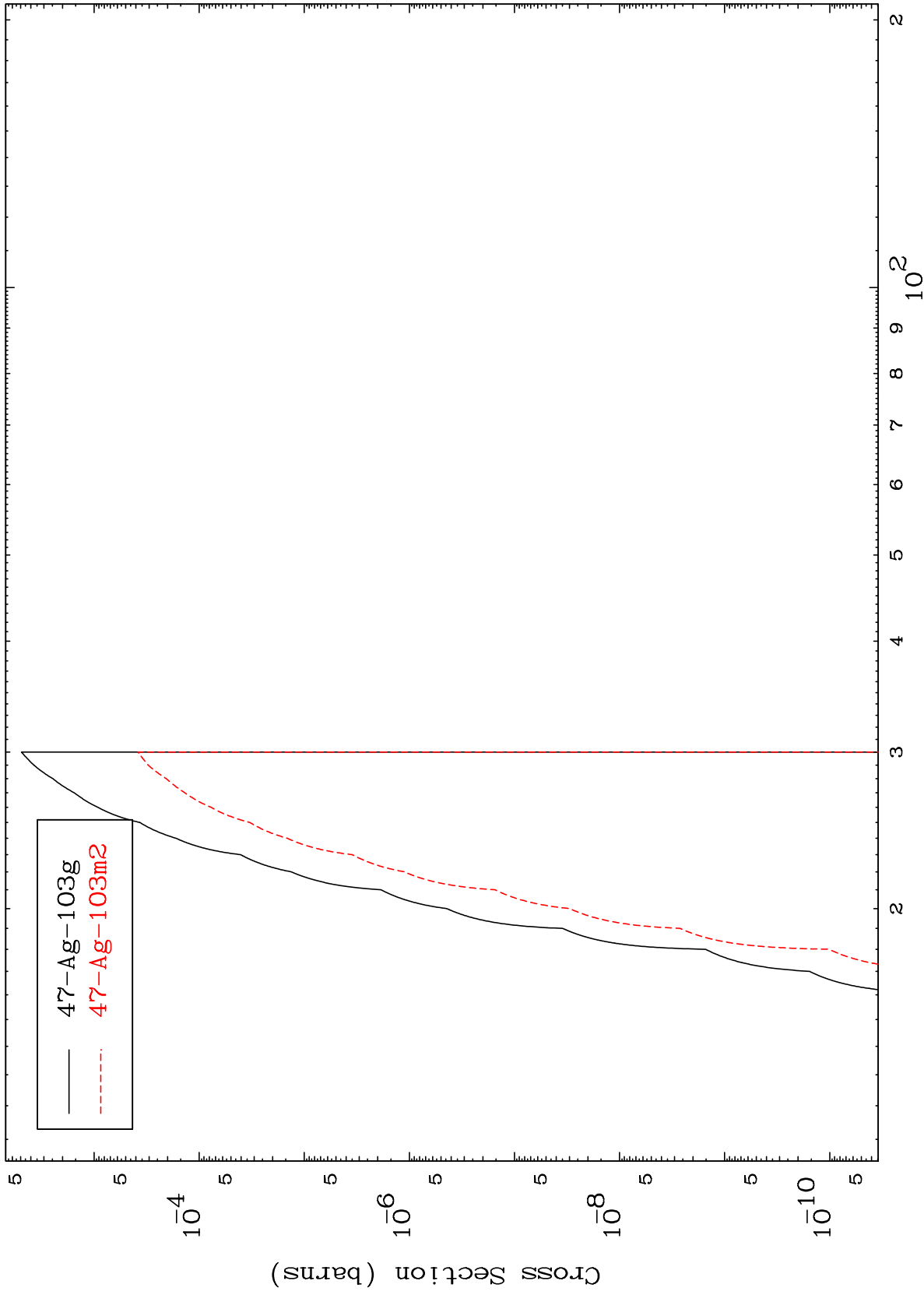
49-In-106

MAT 4904

(n, n') He-3

49-In-106

Radionuclide Production Cross Section



110

Incident Energy (MeV)

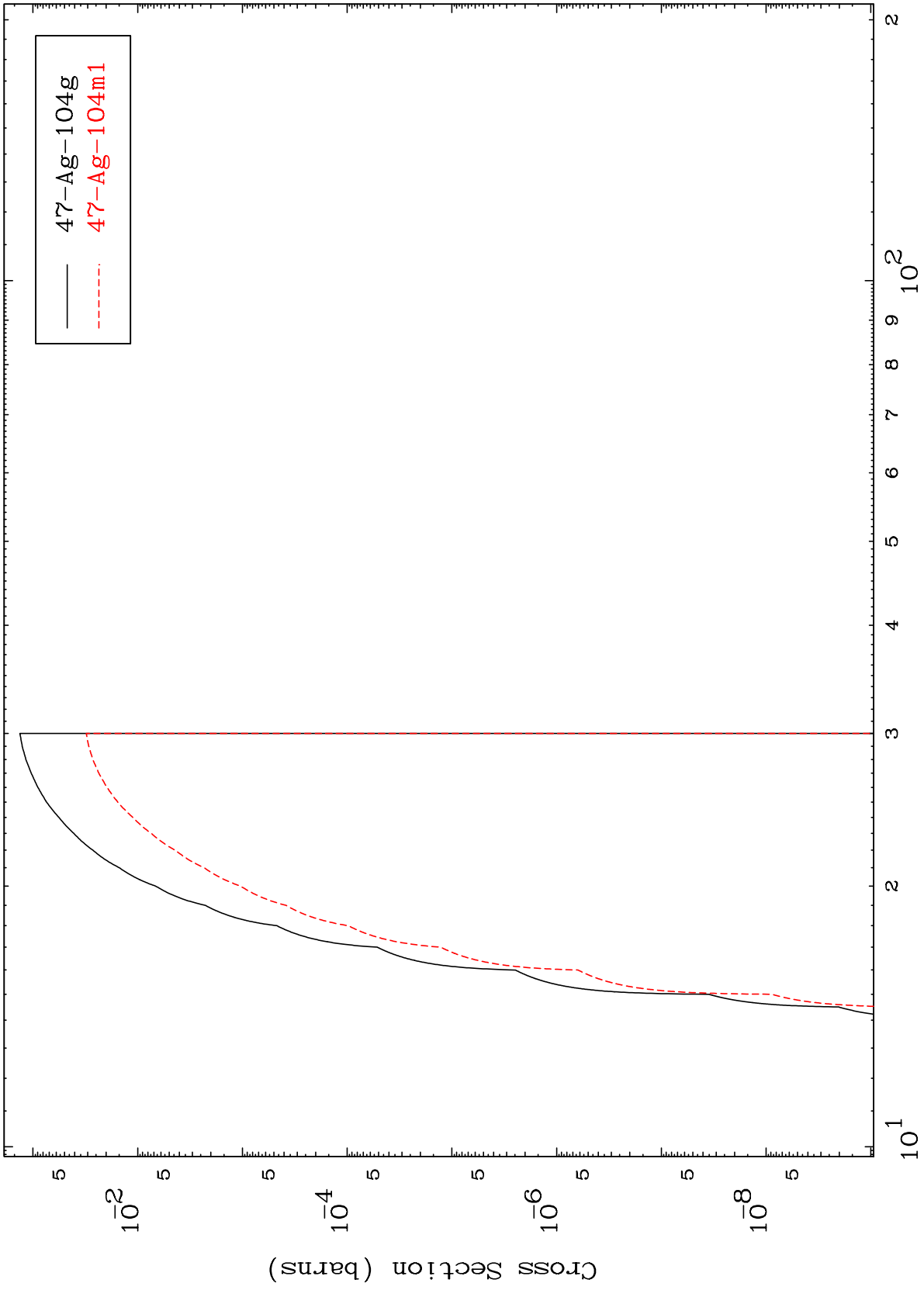
49-In-106

MAT 4904

(n,2n) p

49-In-106

Radionuclide Production Cross Section



111

Incident Energy (MeV)

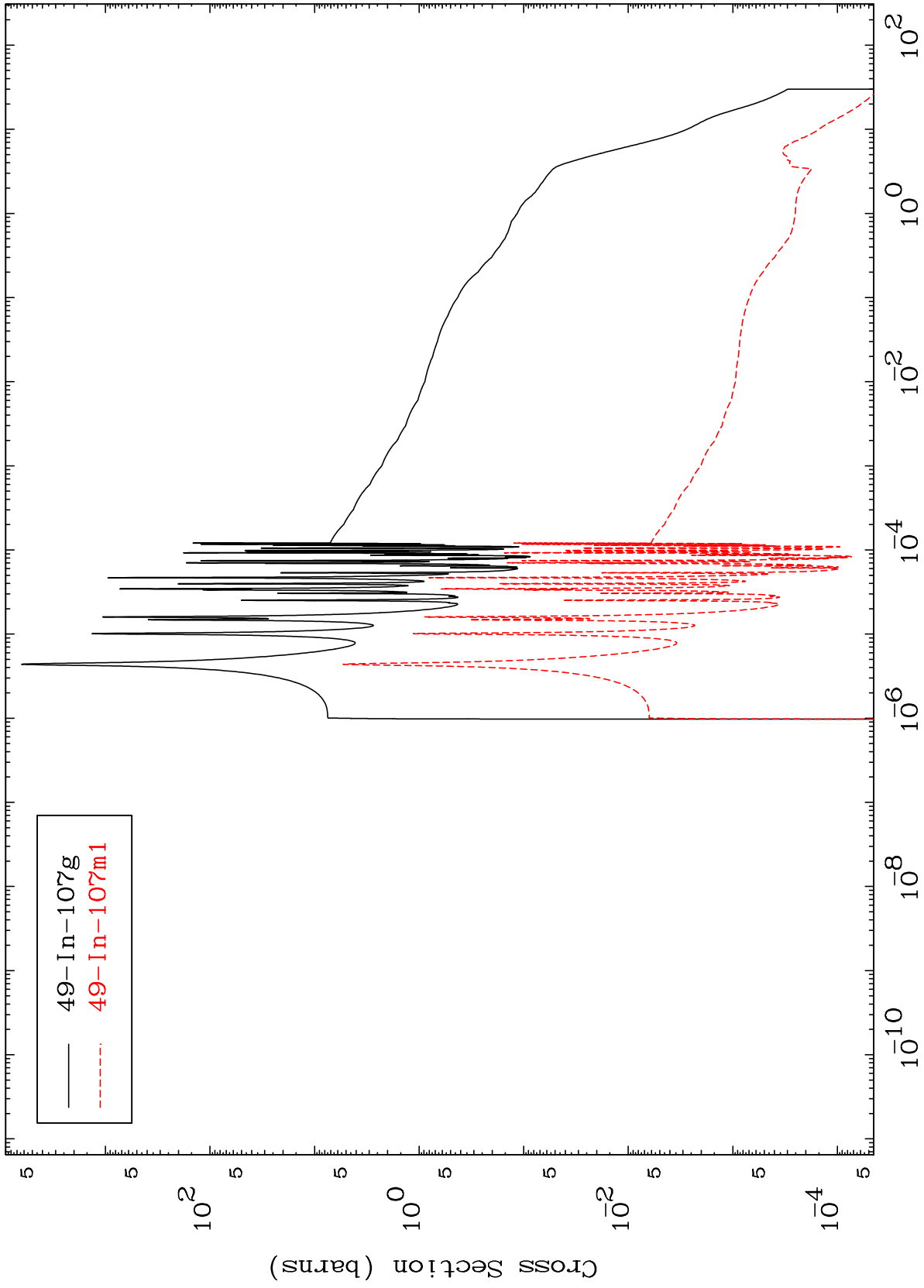
49-In-106



MAT 4904

49-In-106

Radionuclide Production Cross Section



112

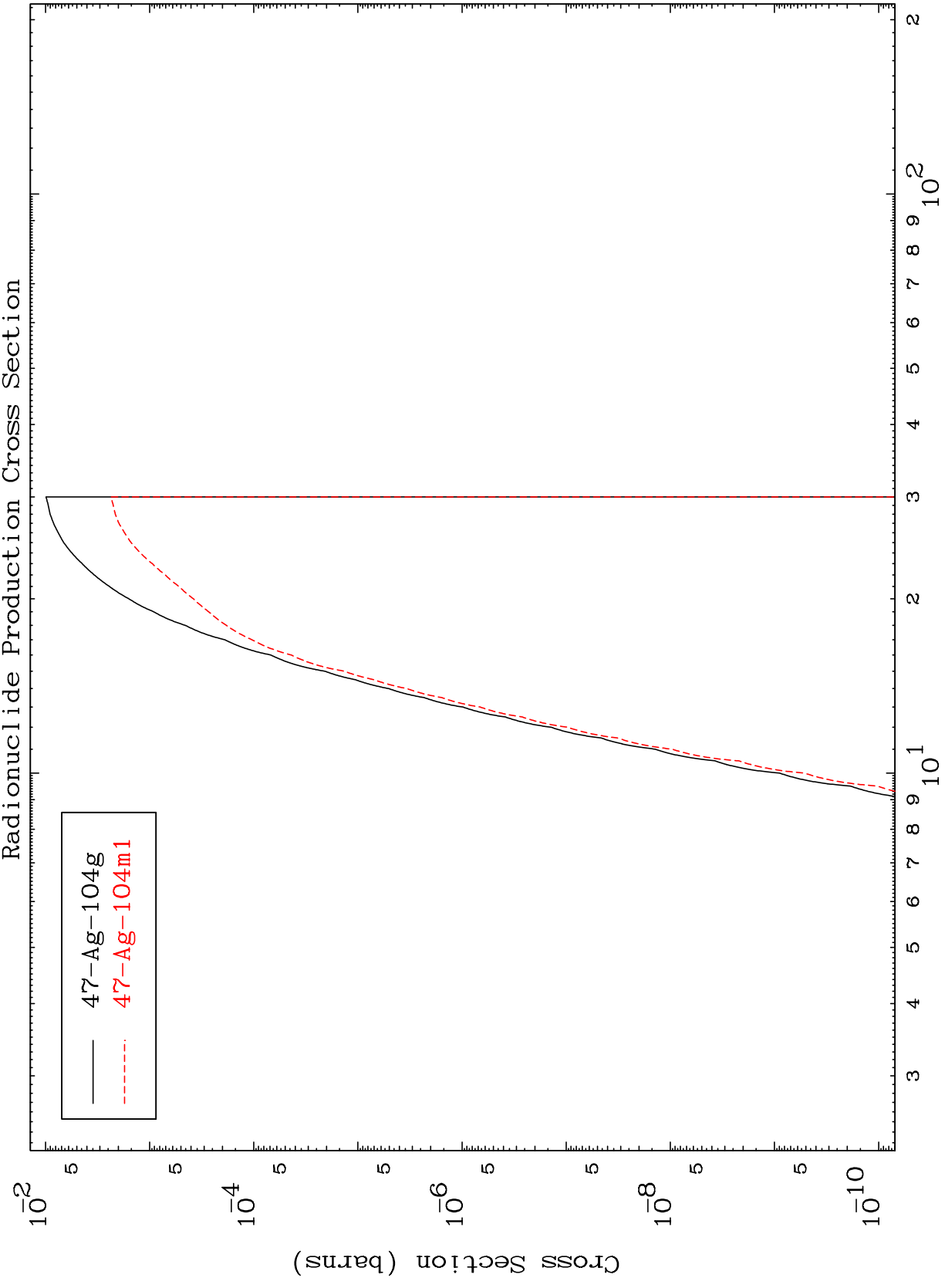
49-In-106

MAT 4904

(n, He-3)

49-In-106

Radionuclide Production Cross Section



113

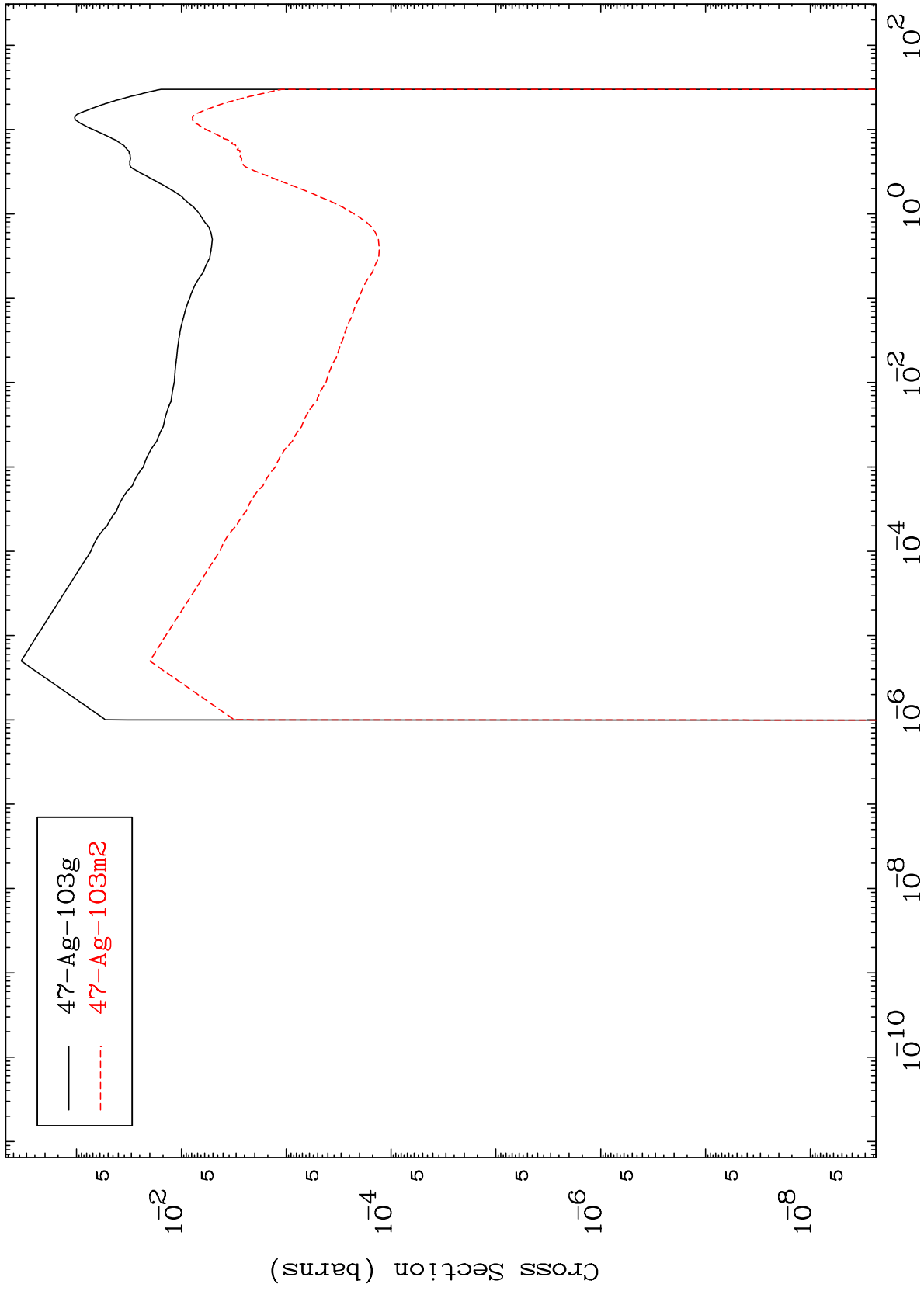
Incident Energy (MeV)

49-In-106

MAT 4904

49-In-106

Radionuclide Production Cross Section



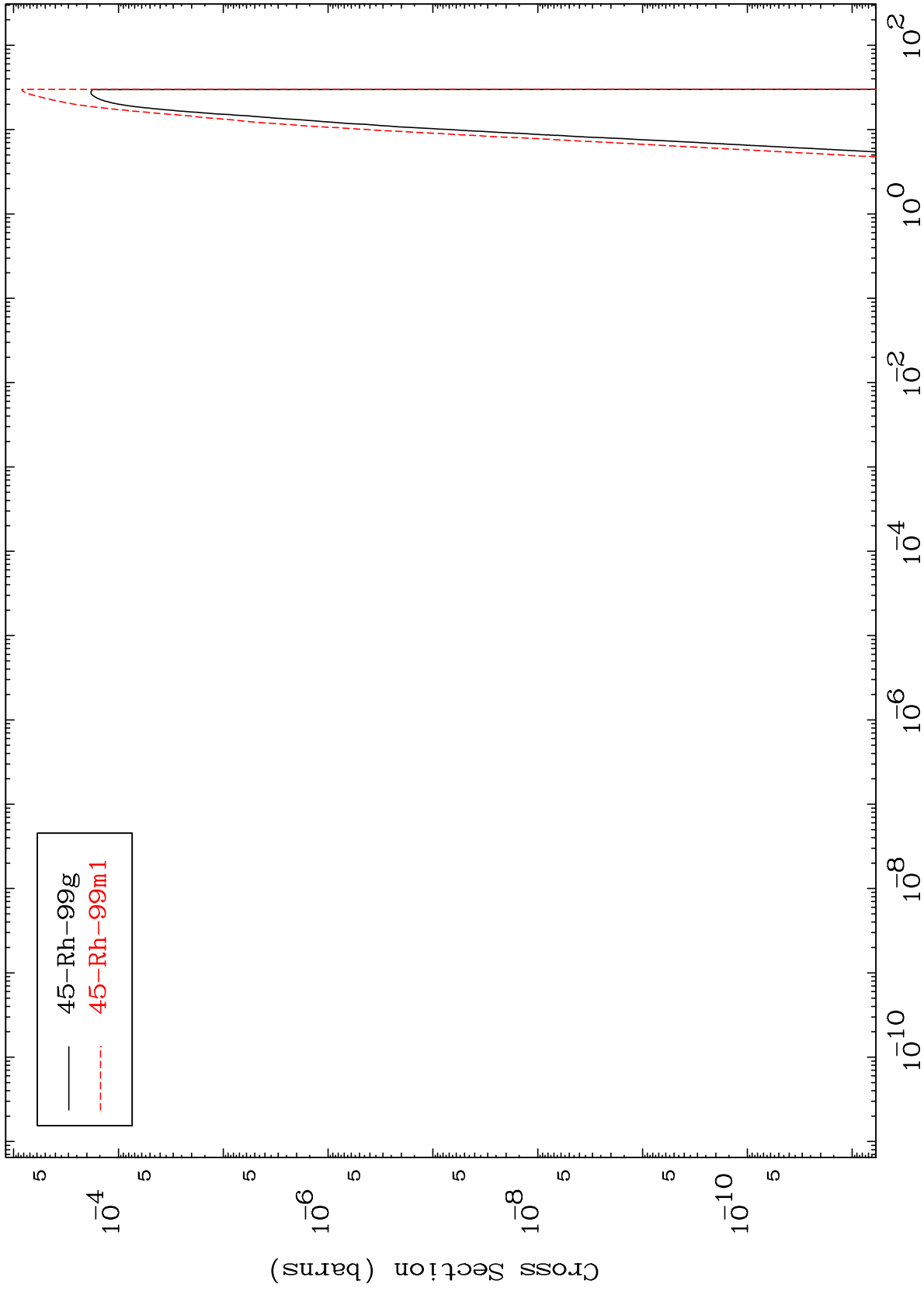
— 47-Ag-103g  
- - - 47-Ag-103m2

MAT 4904

(n,2α)

49-In-106

Radionuclide Production Cross Section



115

Incident Energy (MeV)

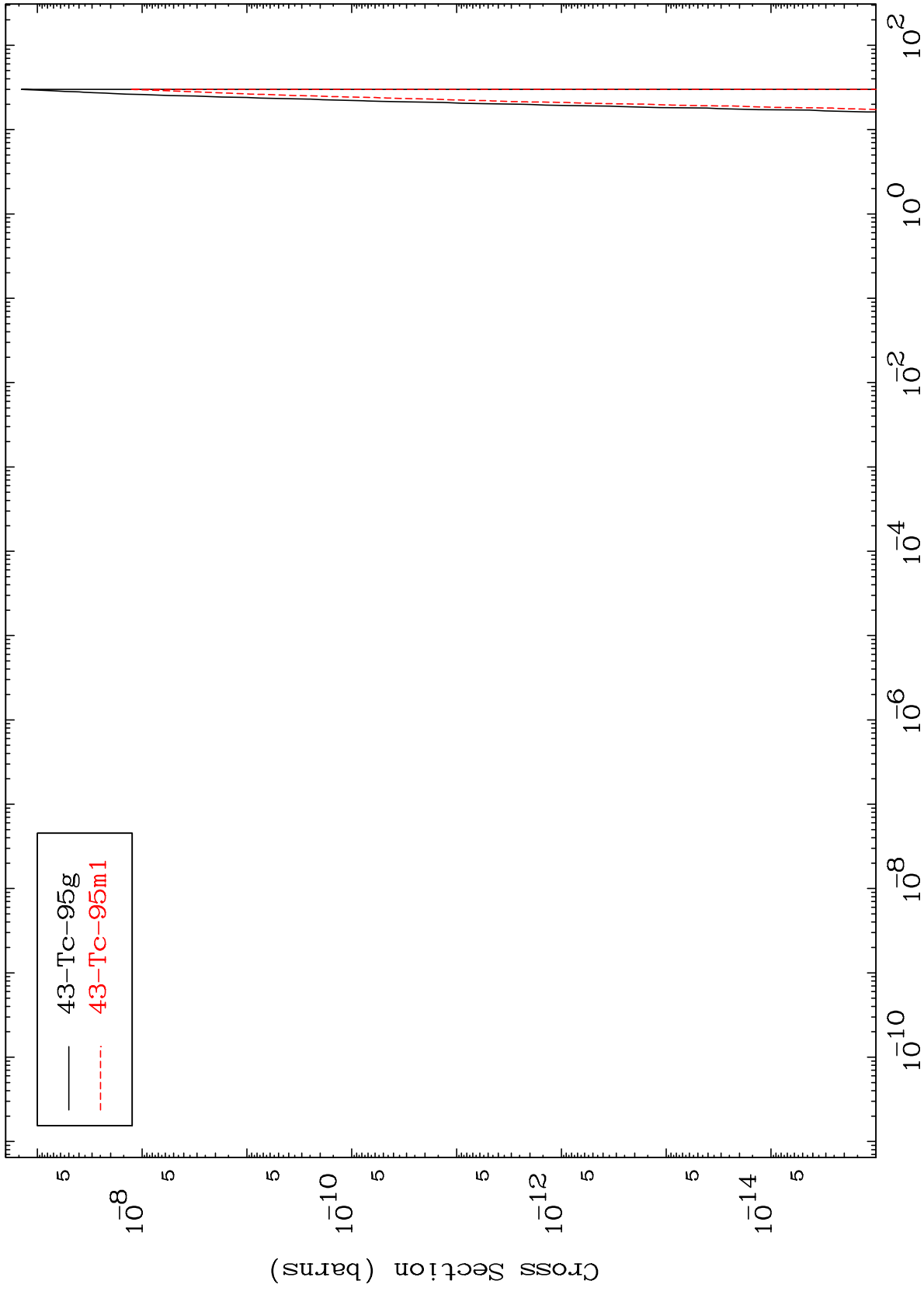
49-In-106

MAT 4904

(n,3α)

49-In-106

Radionuclide Production Cross Section



116

Incident Energy (MeV)

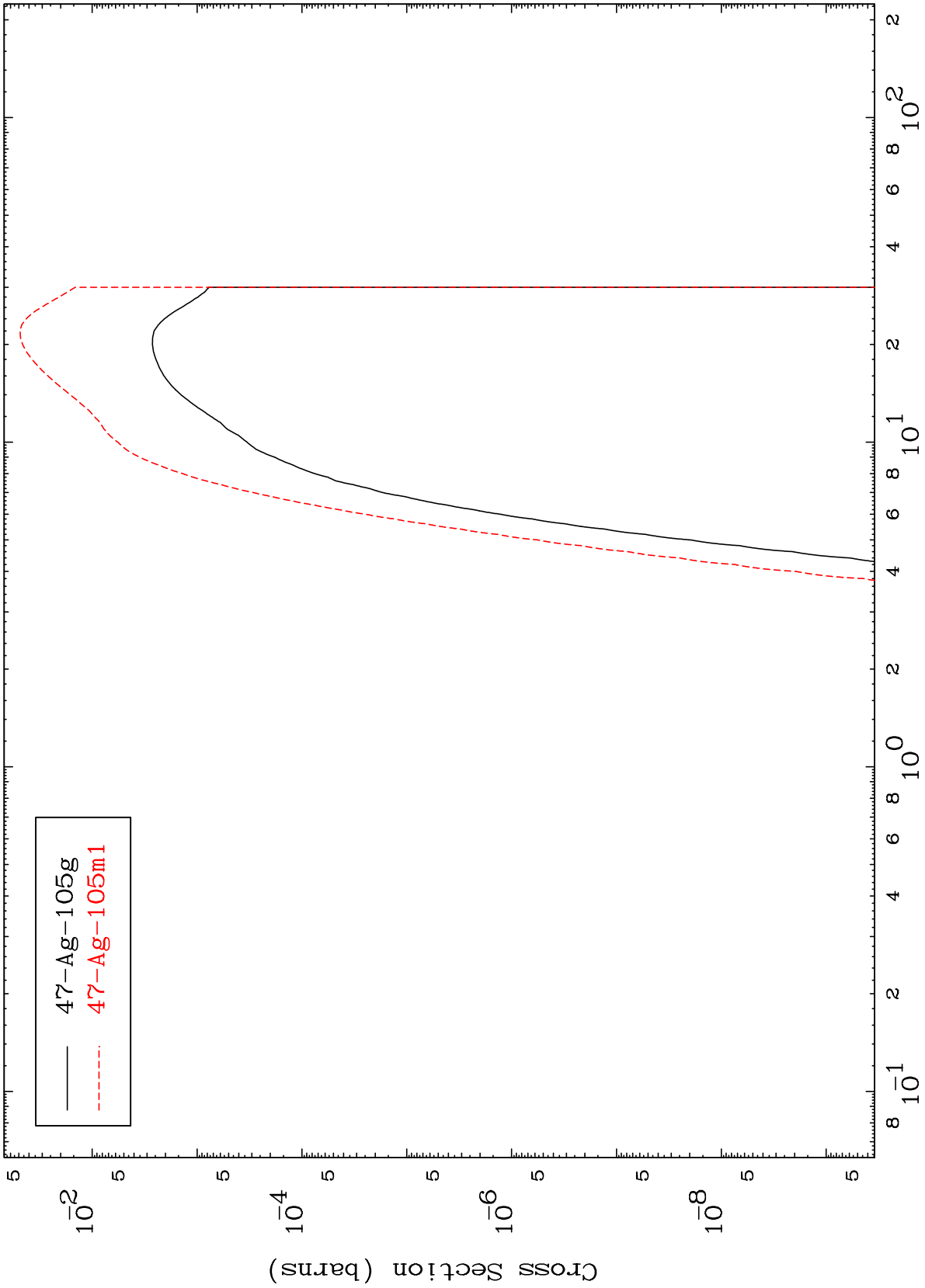
49-In-106

MAT 4904

(n,2p)

49-In-106

Radionuclide Production Cross Section



— 47-Ag-105g  
- - - 47-Ag-105m1

117

Incident Energy (MeV)

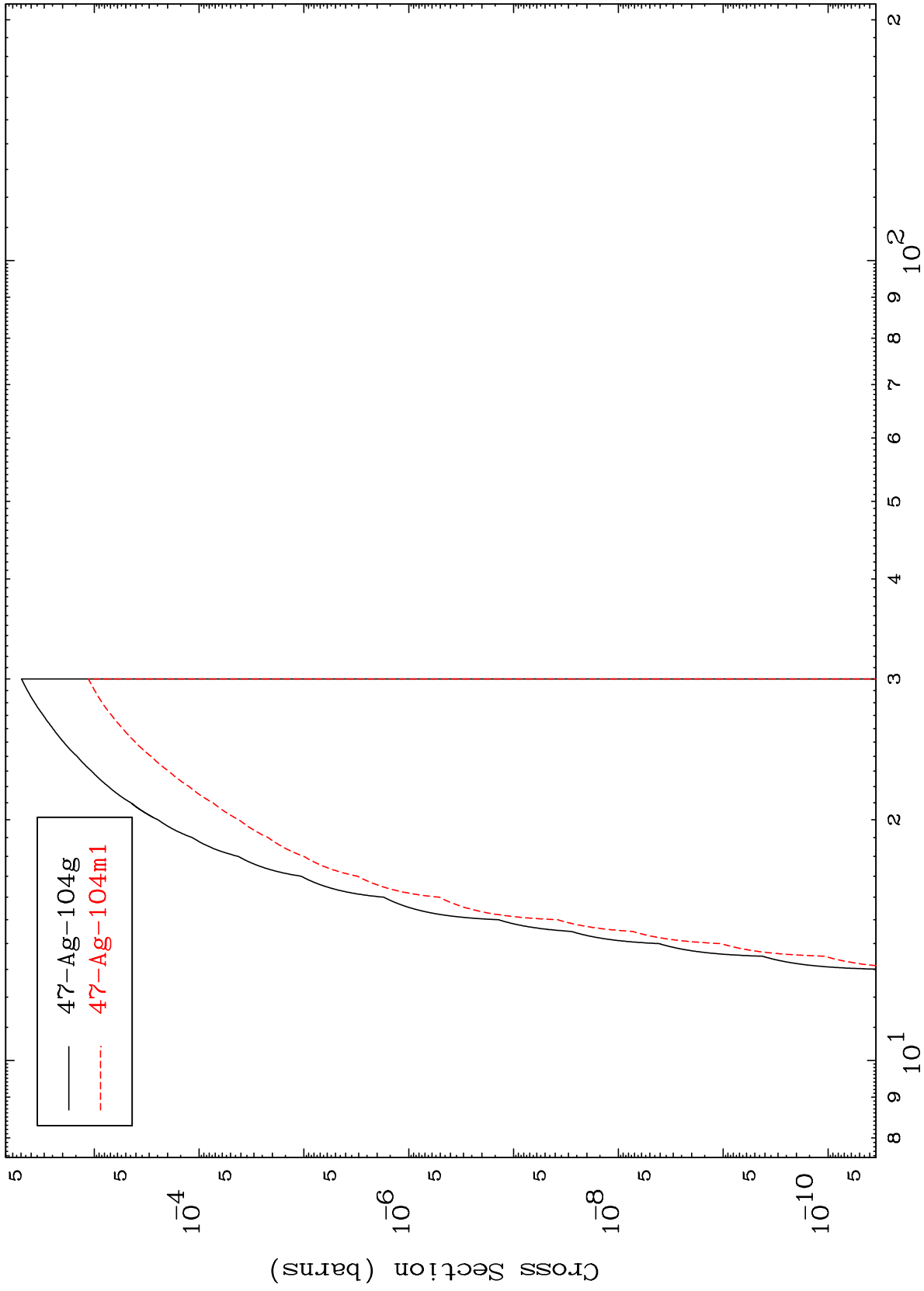
49-In-106

MAT 4904

(n,p) d

49-In-106

Radionuclide Production Cross Section



118

Incident Energy (MeV)

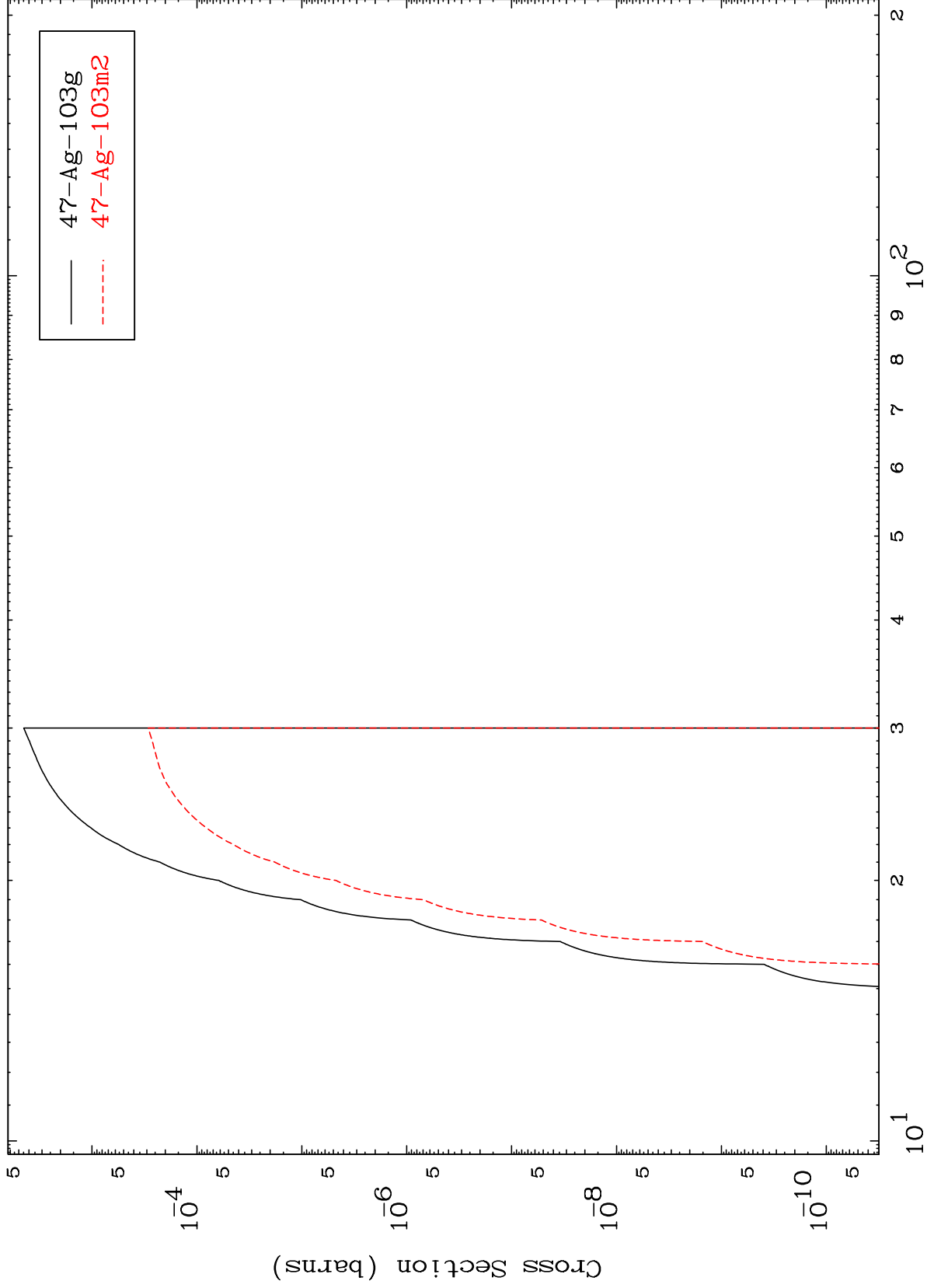
49-In-106

MAT 4904

(n,p) t

49-In-106

Radionuclide Production Cross Section



119

Incident Energy (MeV)

49-In-106