

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

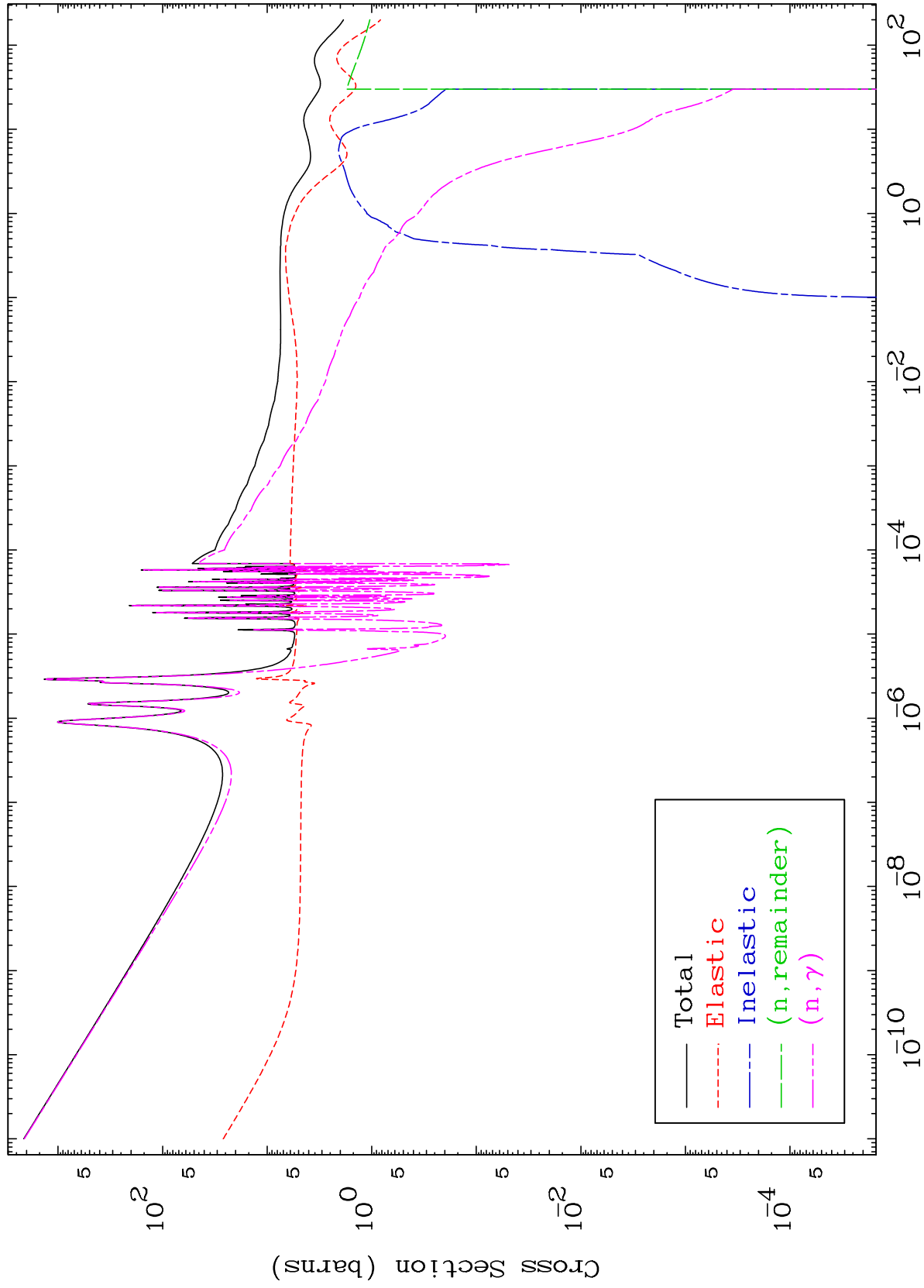
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4916

Major  
293 Kelvin Cross Sections

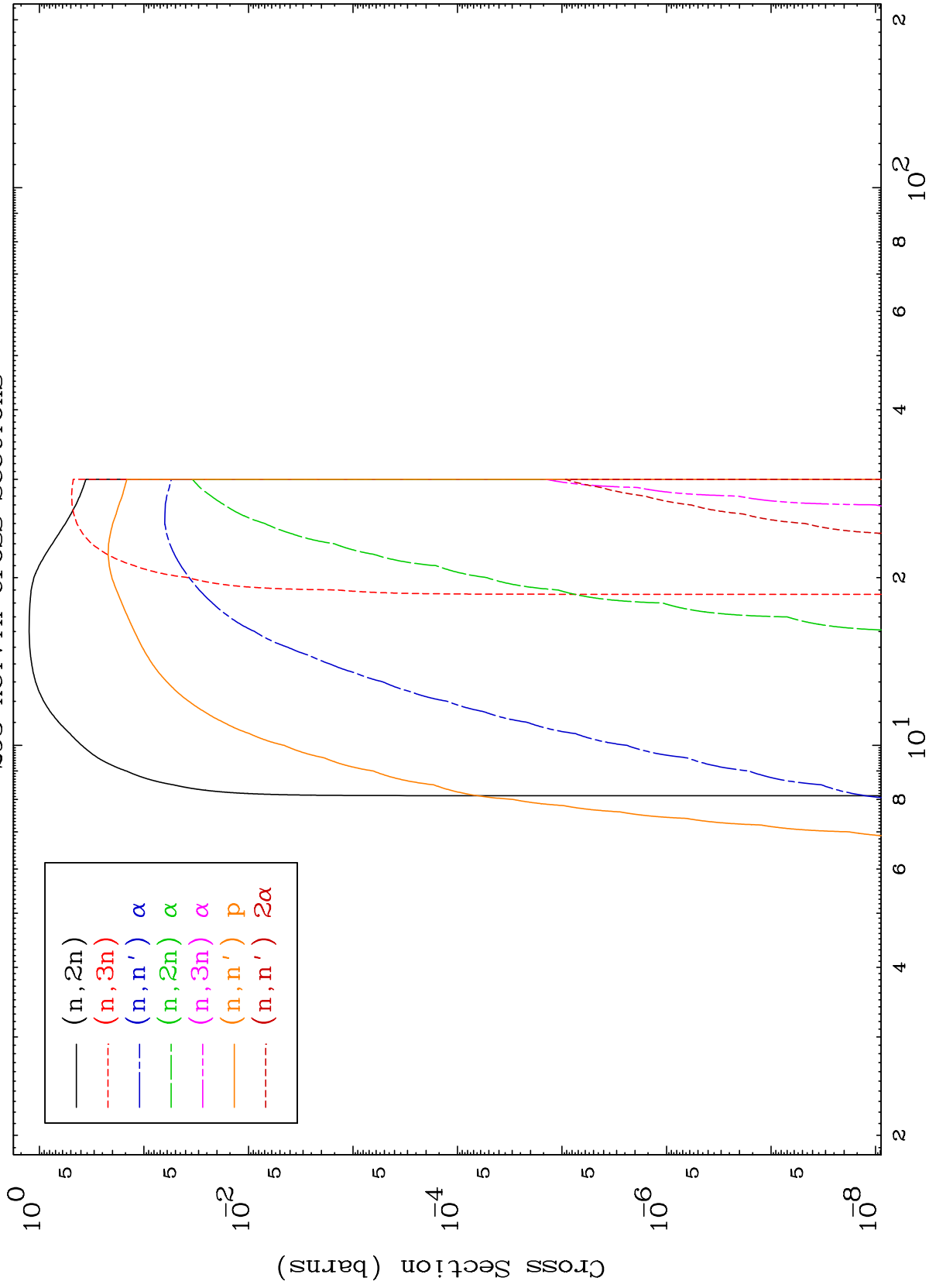
49-In-110



MAT 4916

Neutron Production  
293 Kelvin Cross Sections

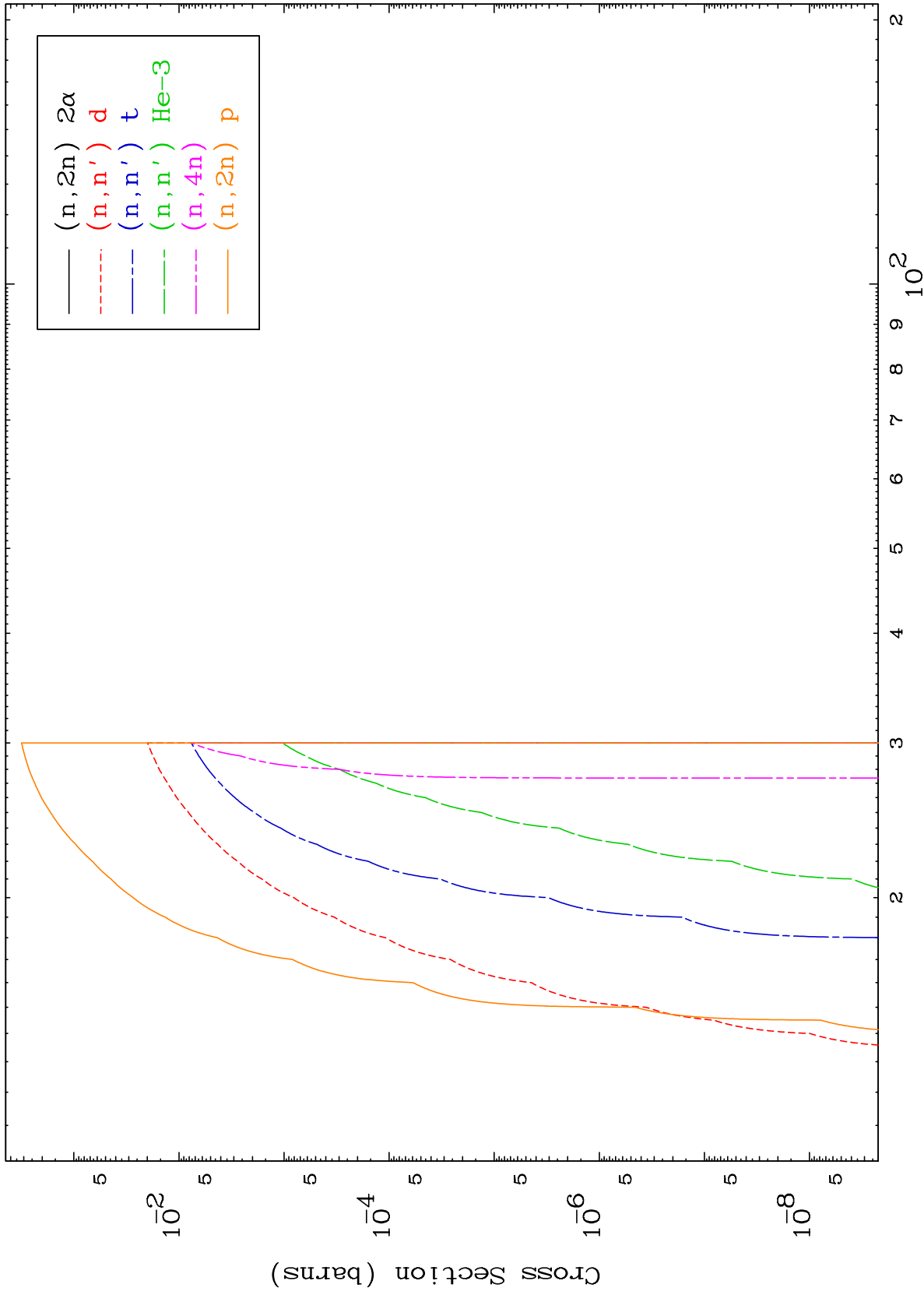
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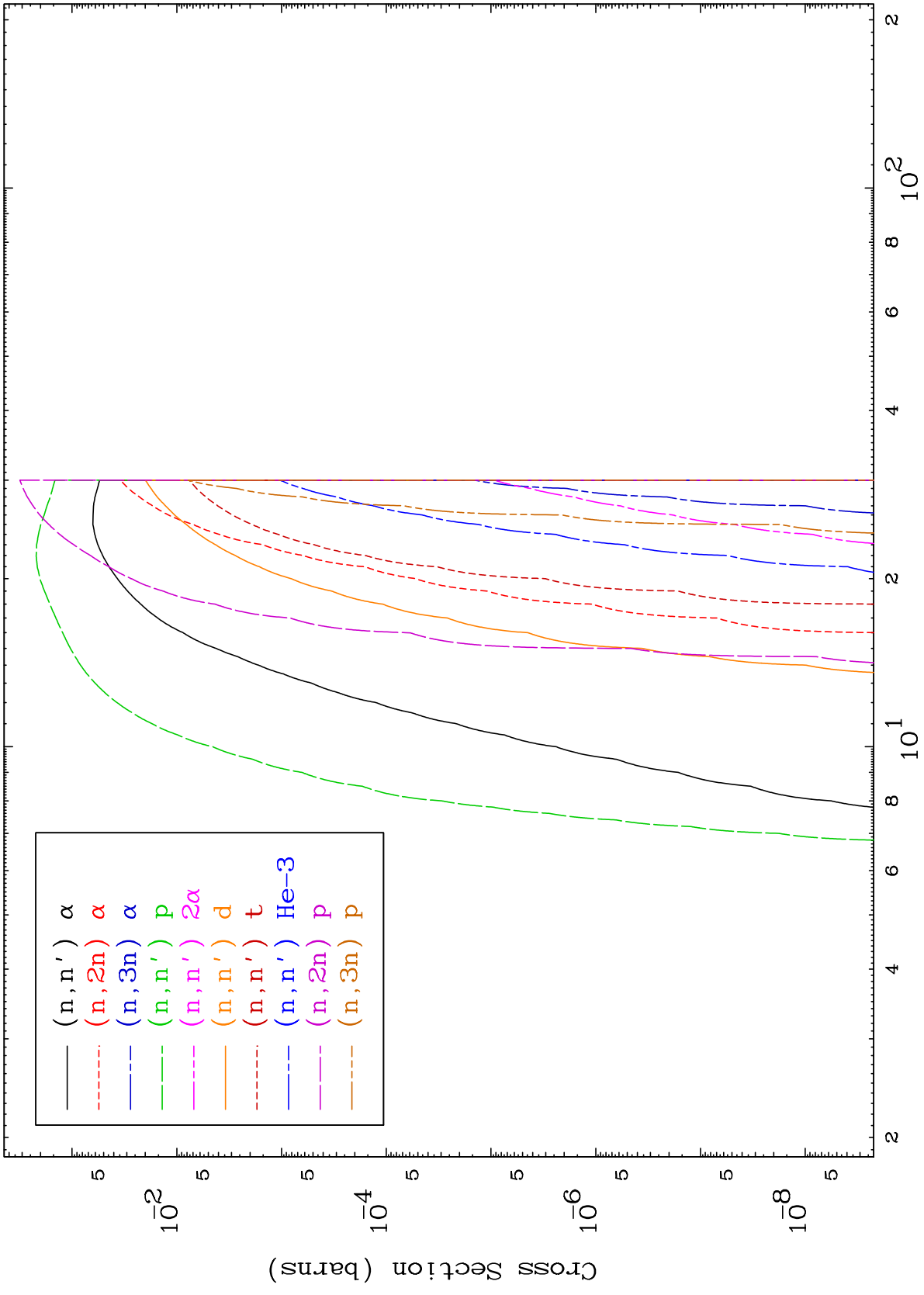


2

Incident Energy (MeV)

49-In-110

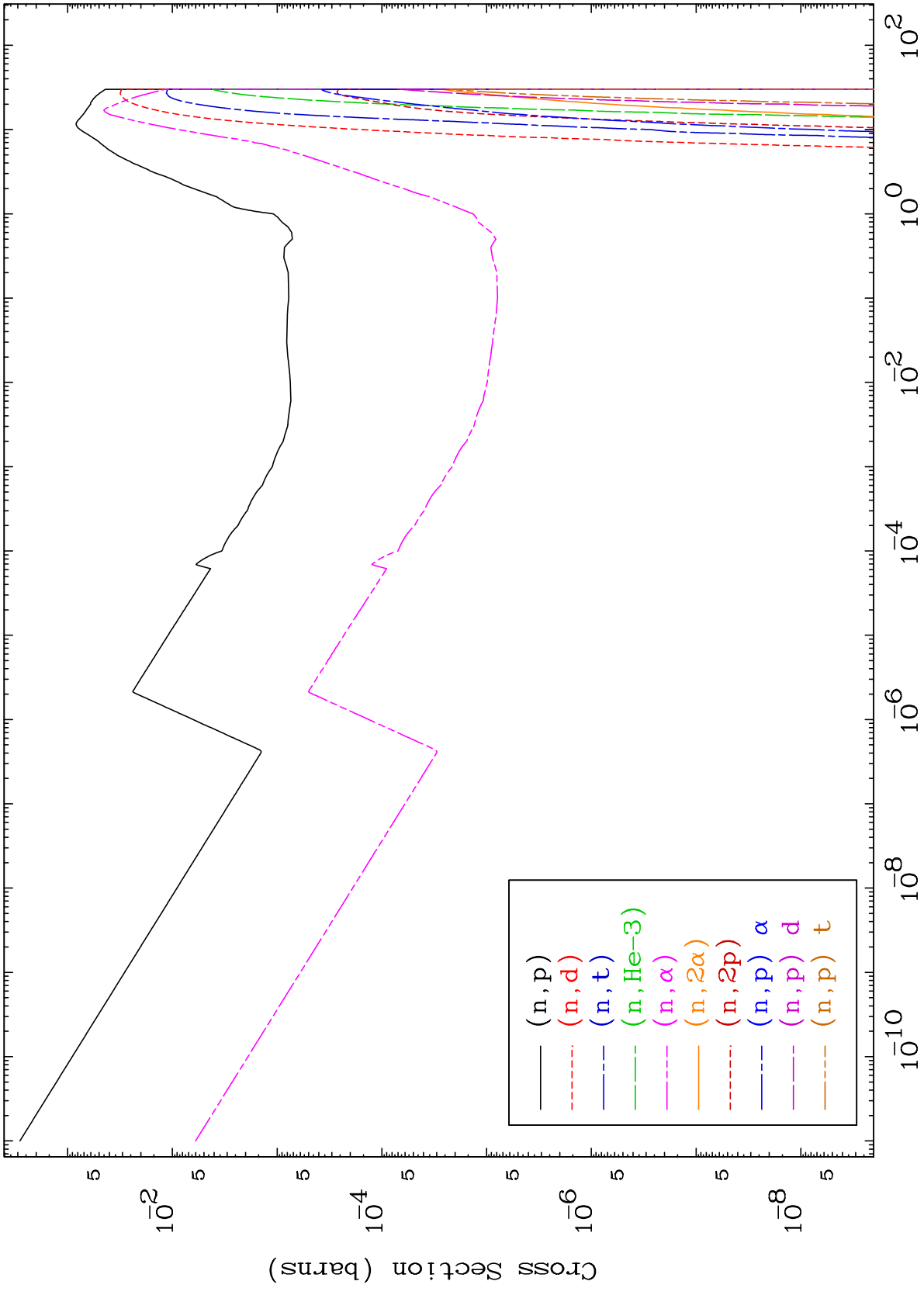


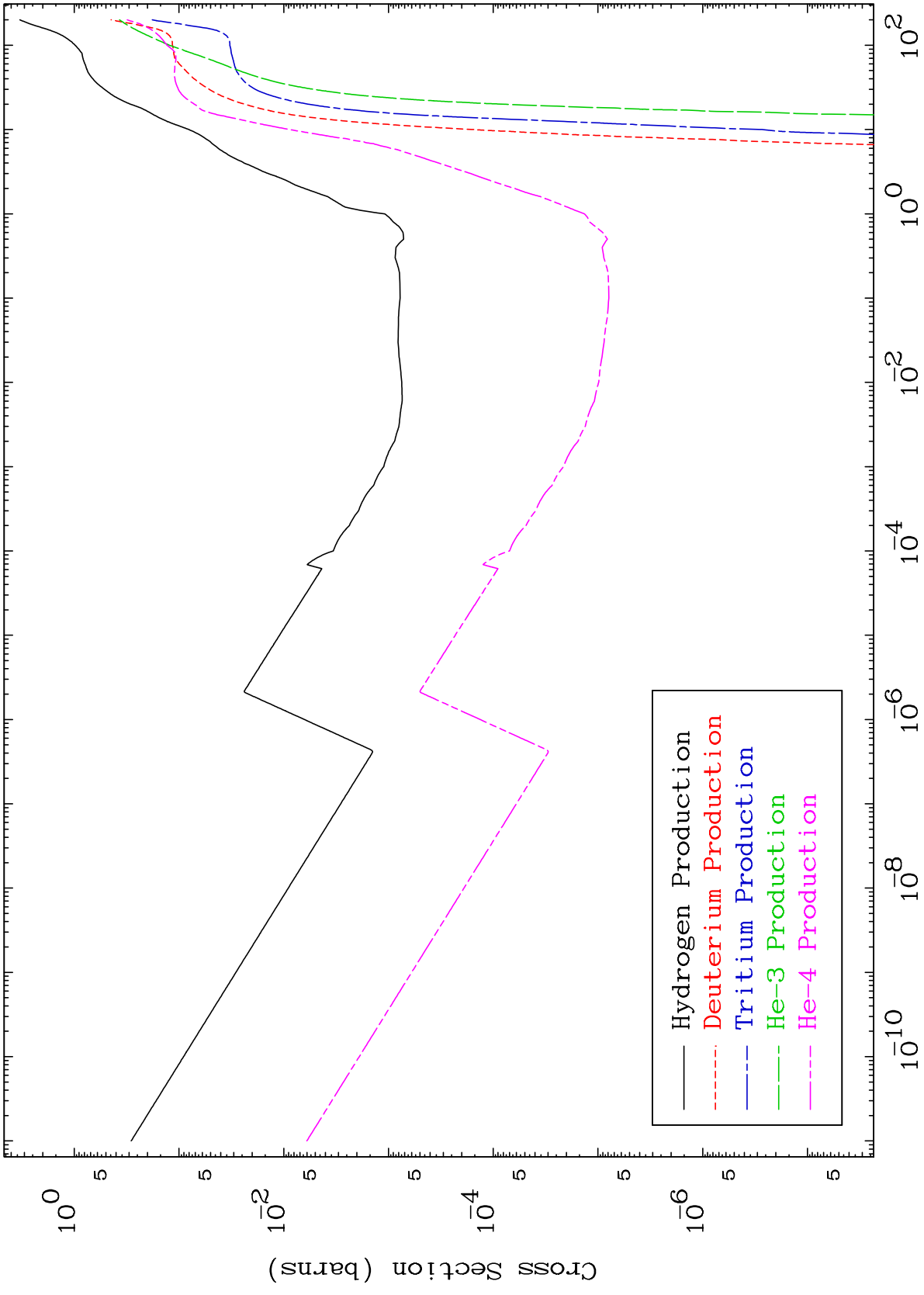


MAT 4916

293 Kelvin Cross Sections

49-In-110

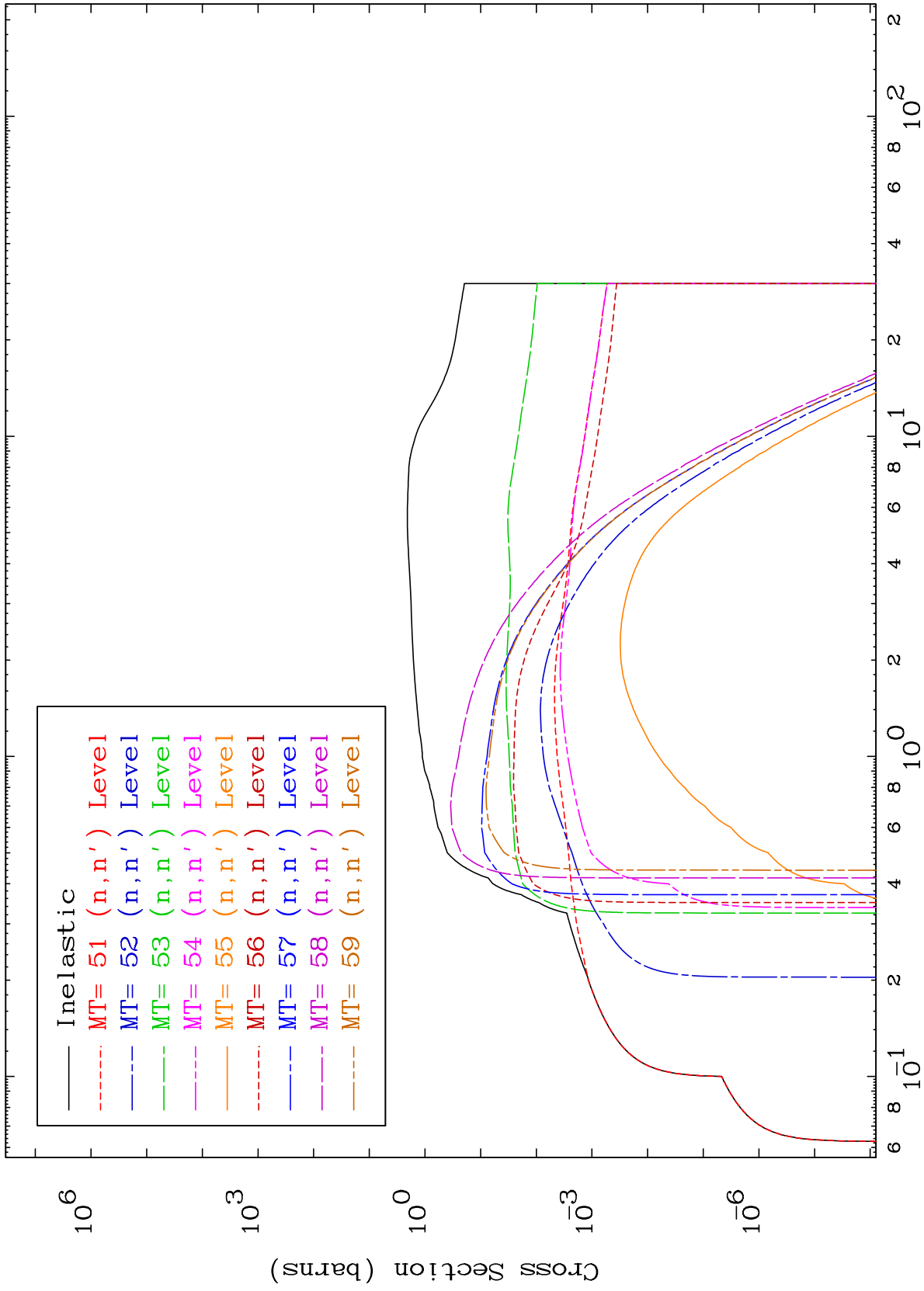




MAT 4916

(n,n') Level  
293 Kelvin Cross Sections

49-In-110



7

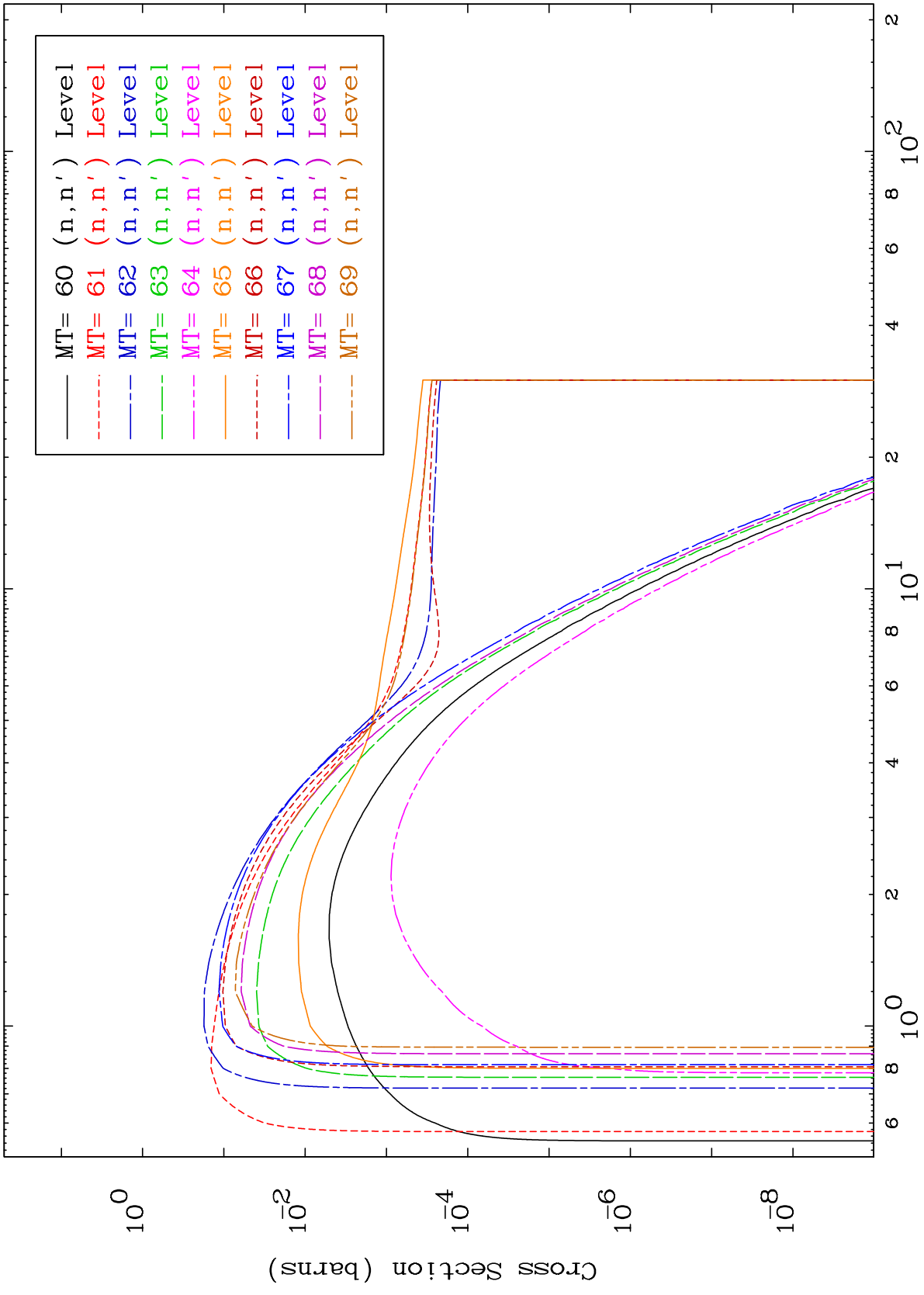


MAT 4916

(n,n') Level

49-In-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

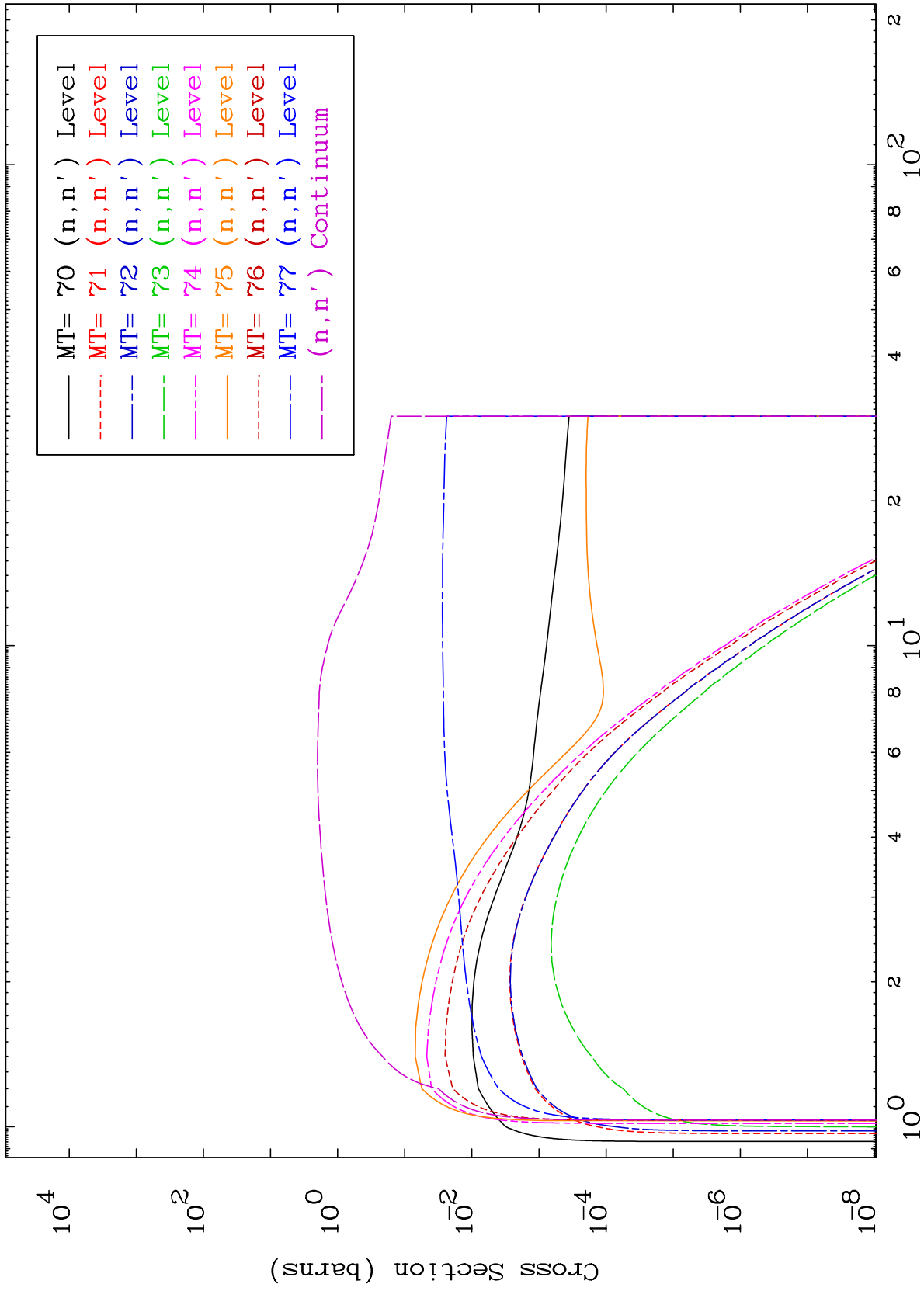
49-In-110

MAT 4916

(n,n') Level

49-In-110

293 Kelvin Cross Sections



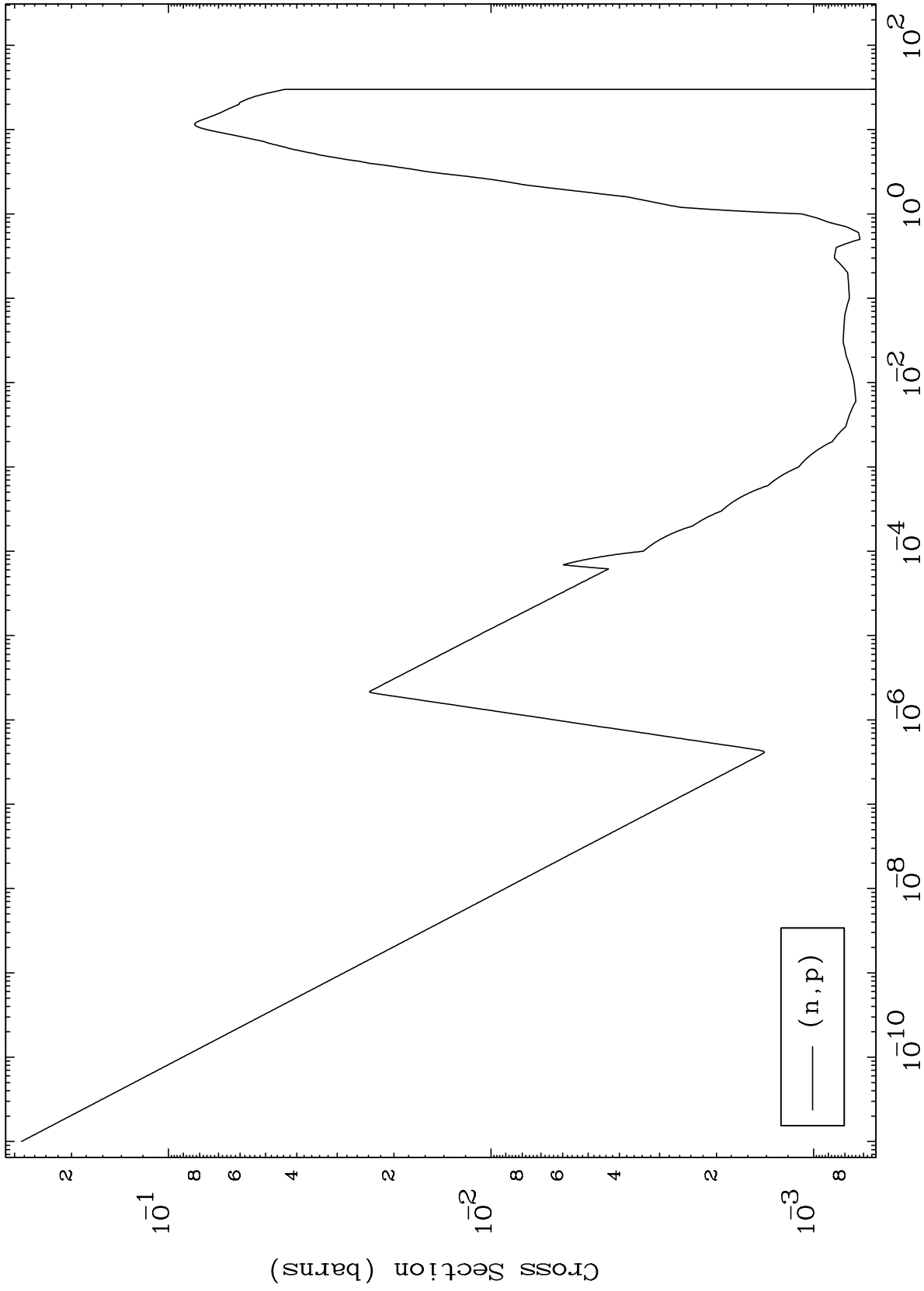
Incident Energy (MeV)

49-In-110

MAT 4916

(n,p) Levels  
293 Kelvin Cross Sections

49-In-110



10

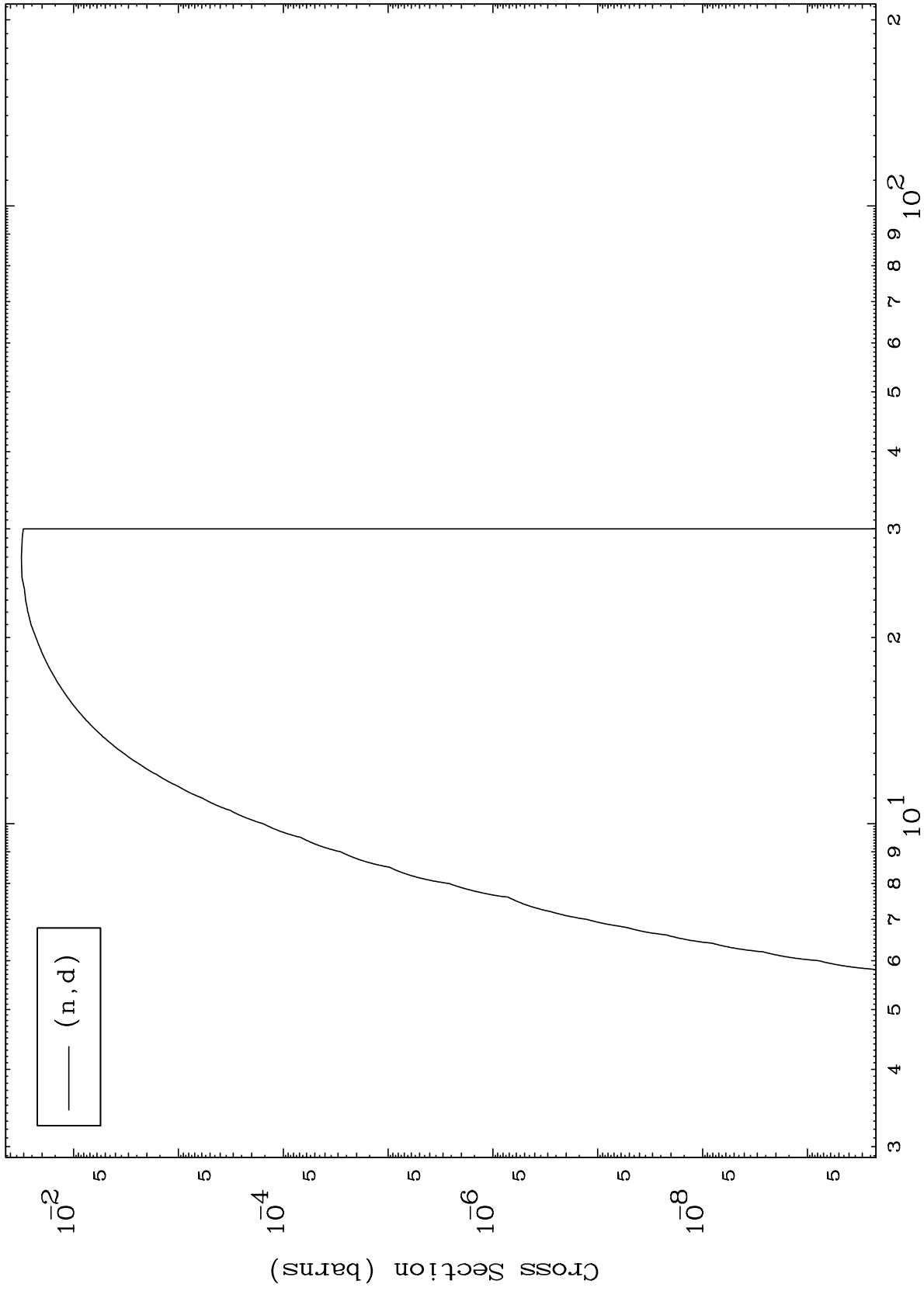
Incident Energy (MeV)

49-In-110

MAT 4916

(n,d) Levels  
293 Kelvin Cross Sections

49-In-110



11

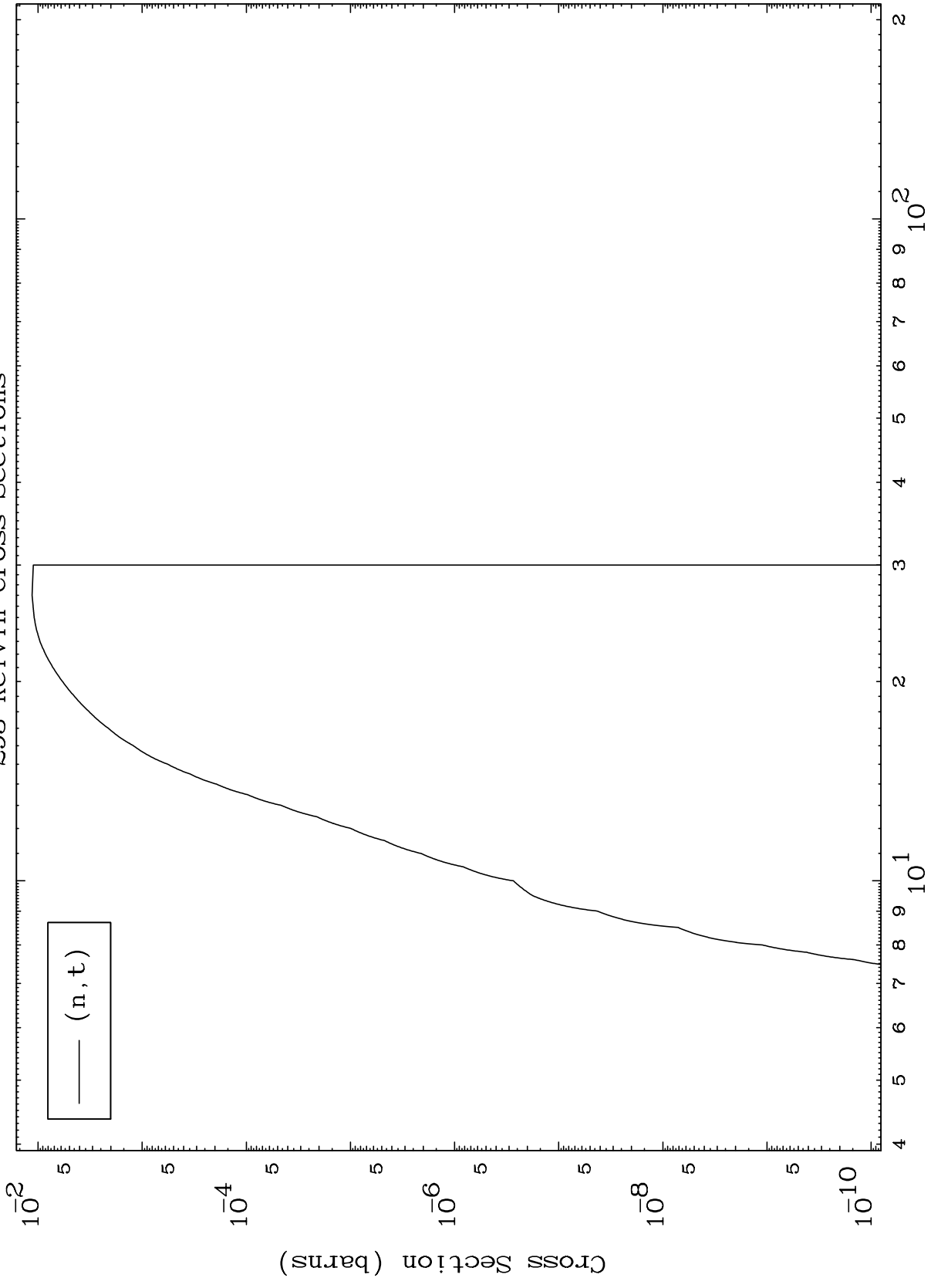
Incident Energy (MeV)

49-In-110

MAT 4916

(n,t) Levels  
293 Kelvin Cross Sections

49-In-110



12

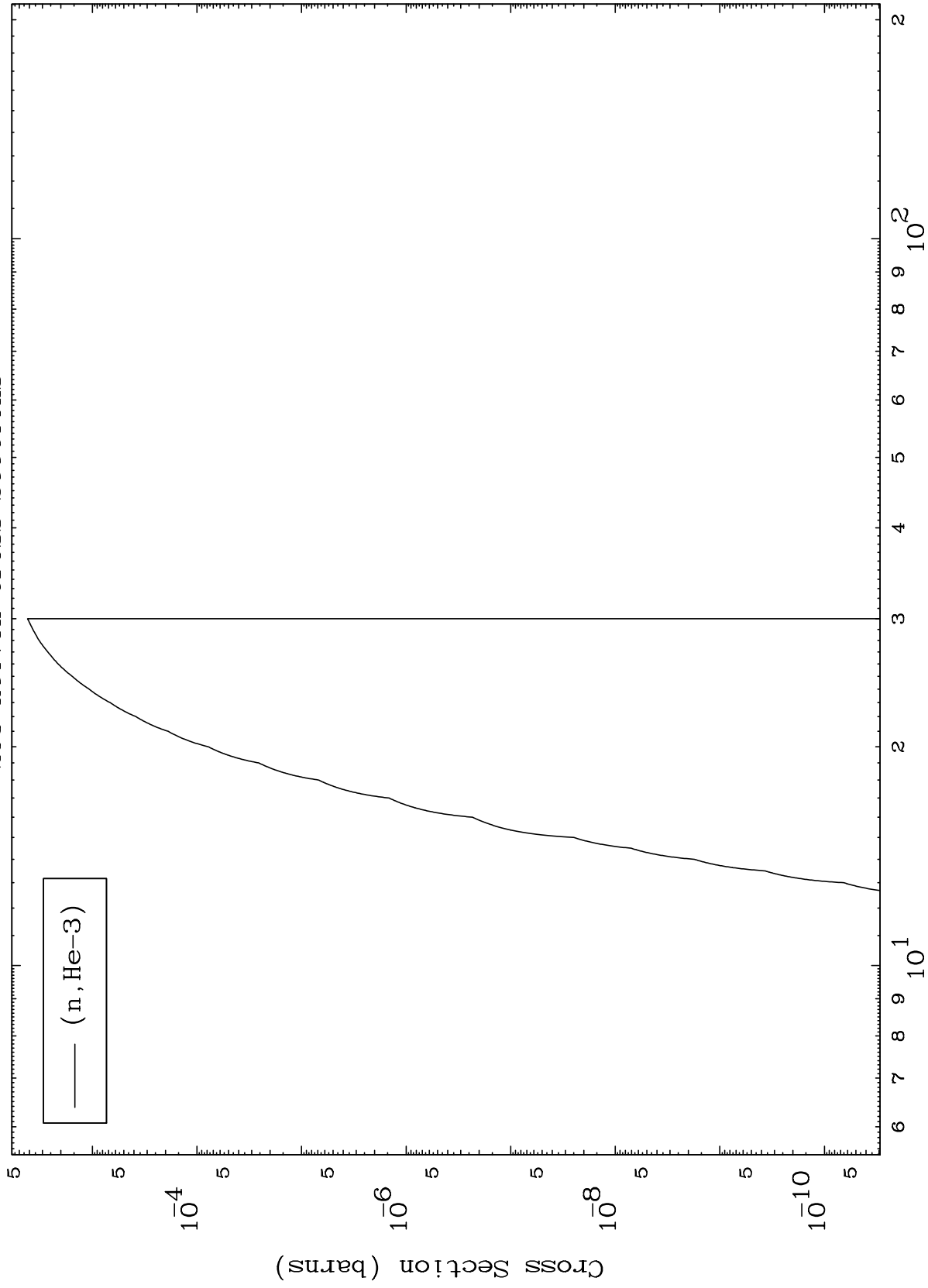
Incident Energy (MeV)

49-In-110

MAT 4916

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-110



13

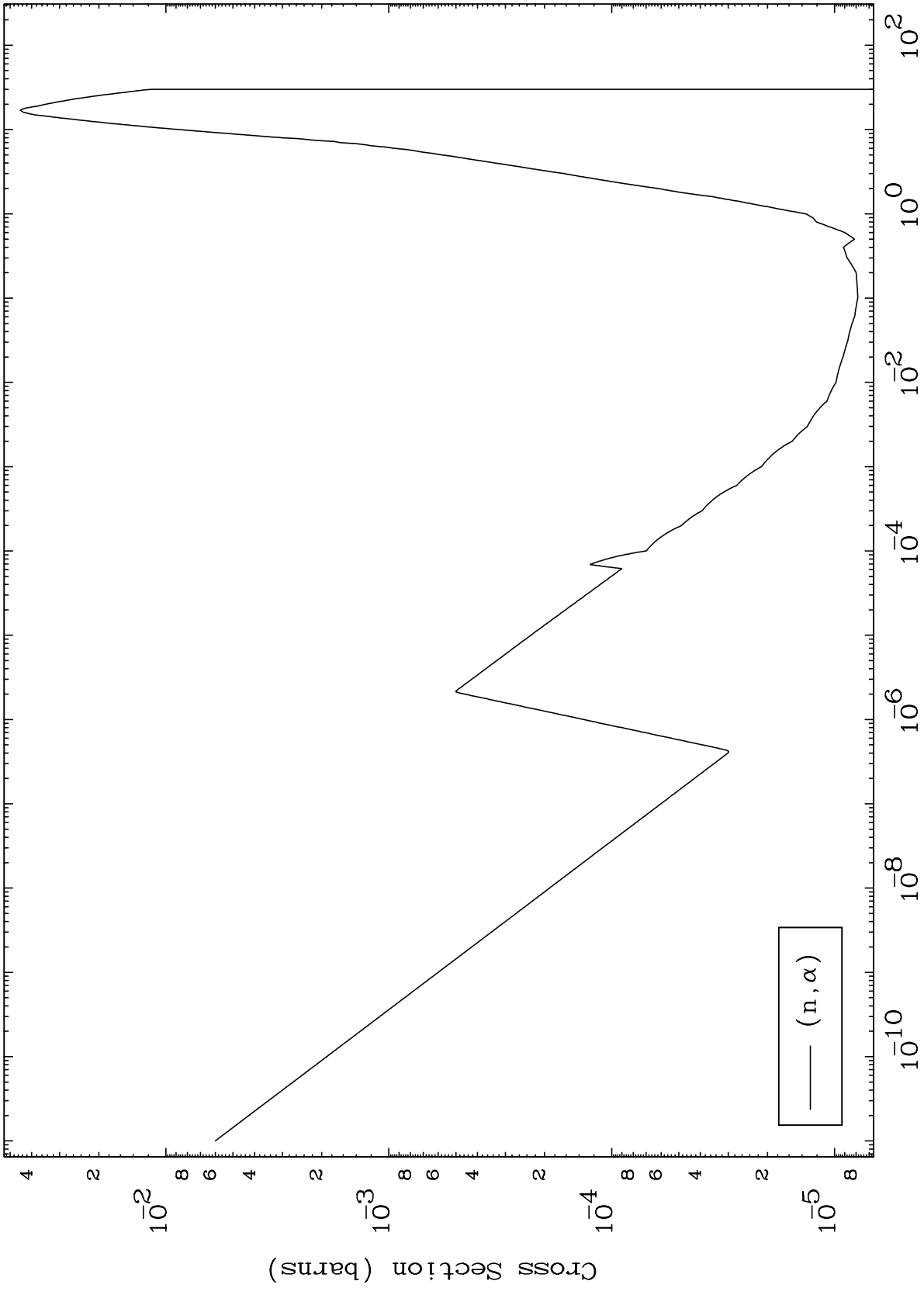
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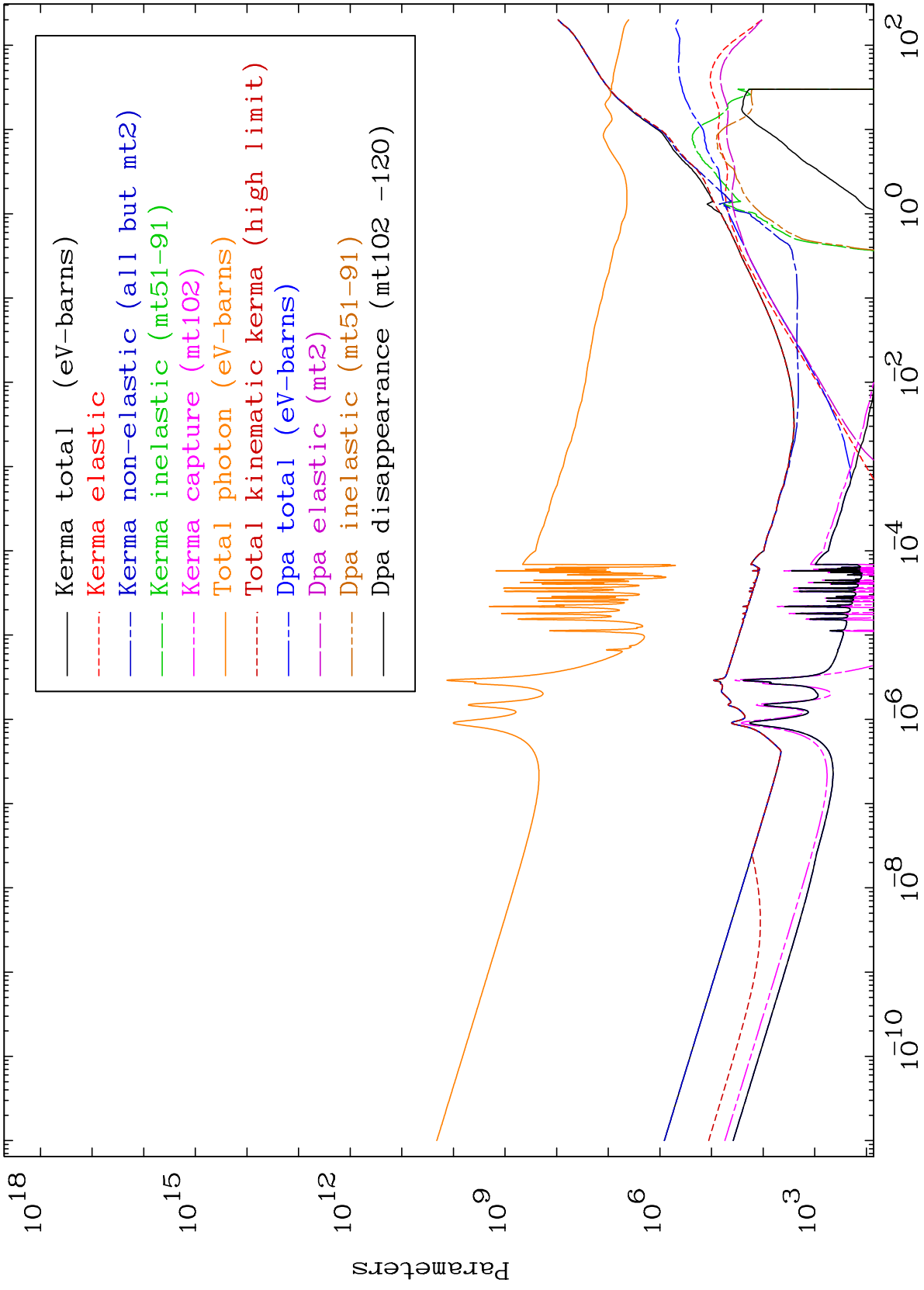
49-In-110

MAT 4916

(n,α) Levels  
293 Kelvin Cross Sections

49-In-110



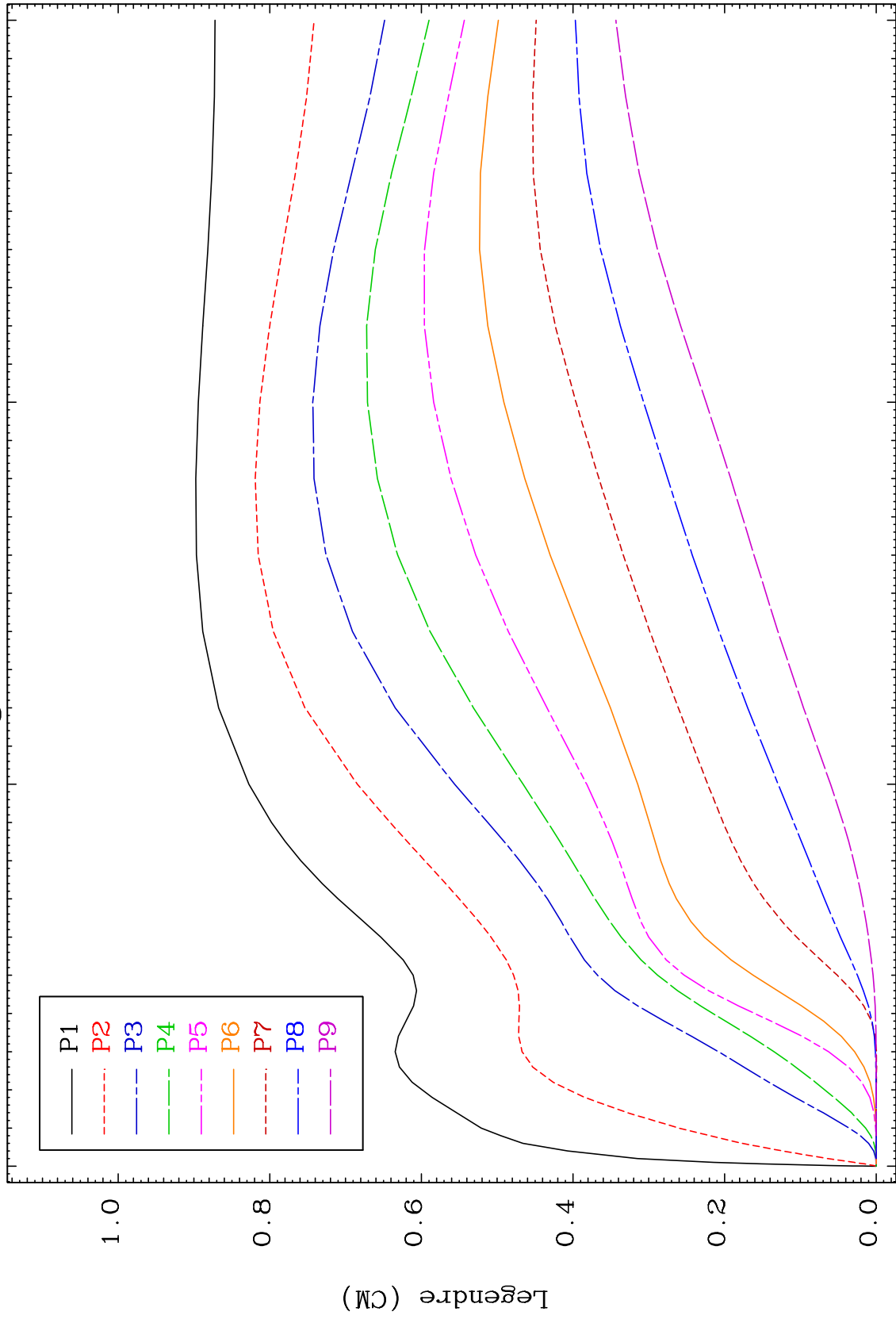




MAT 4916

Elastic Legendre Coefficients

49-In-110



16

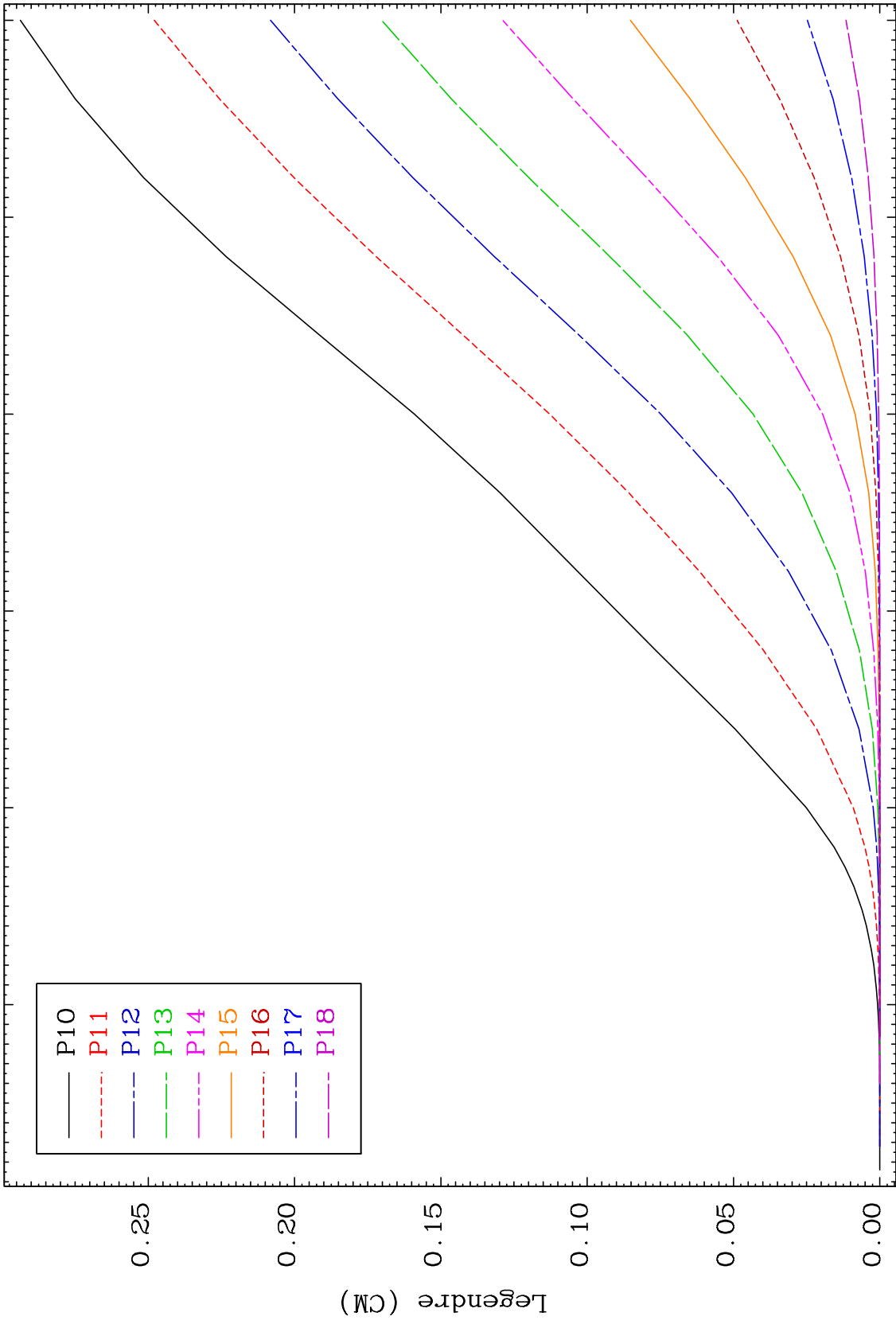
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic Legendre Coefficients

49-In-110



17

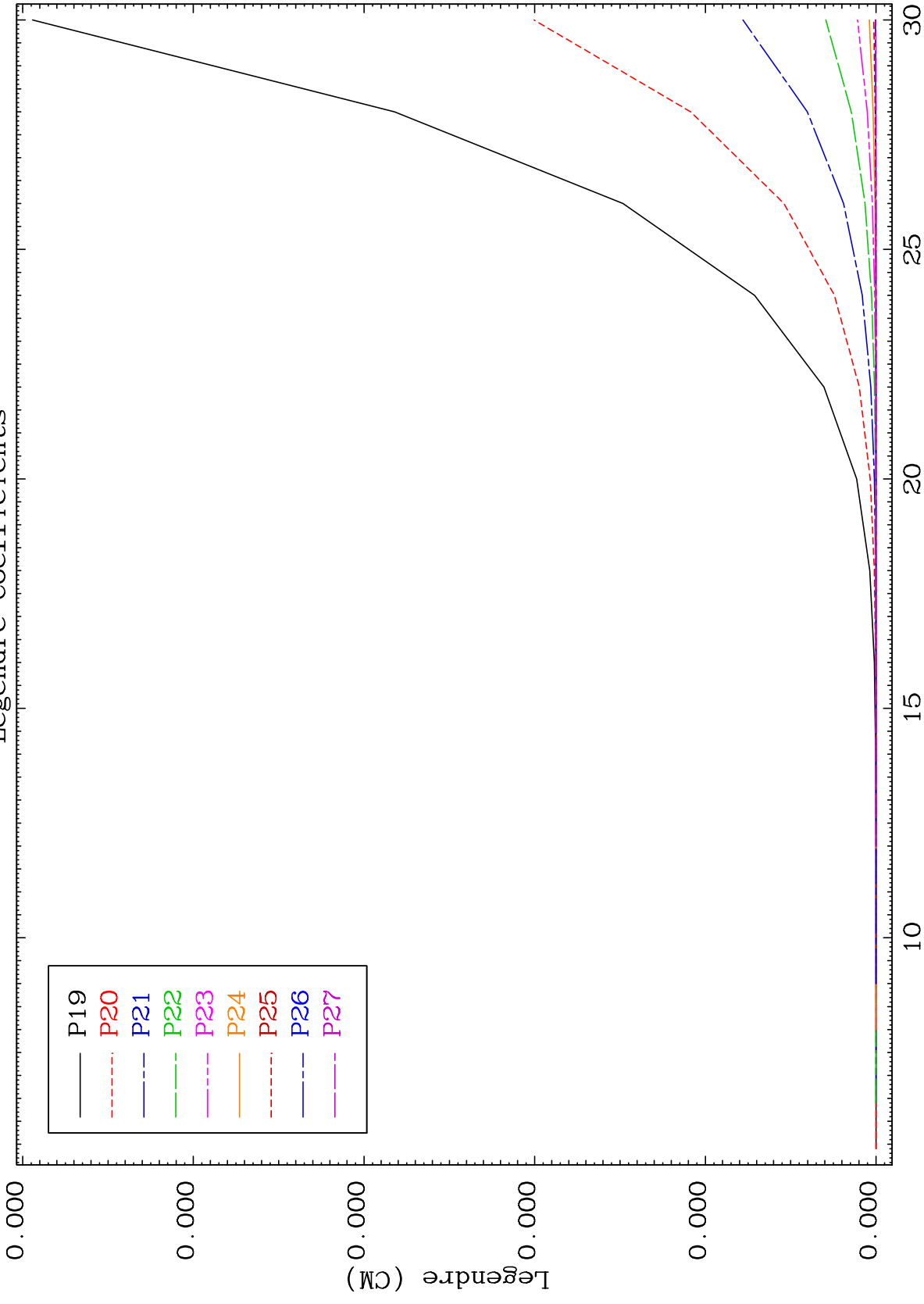
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic  
Legendre Coefficients

49-In-110



18

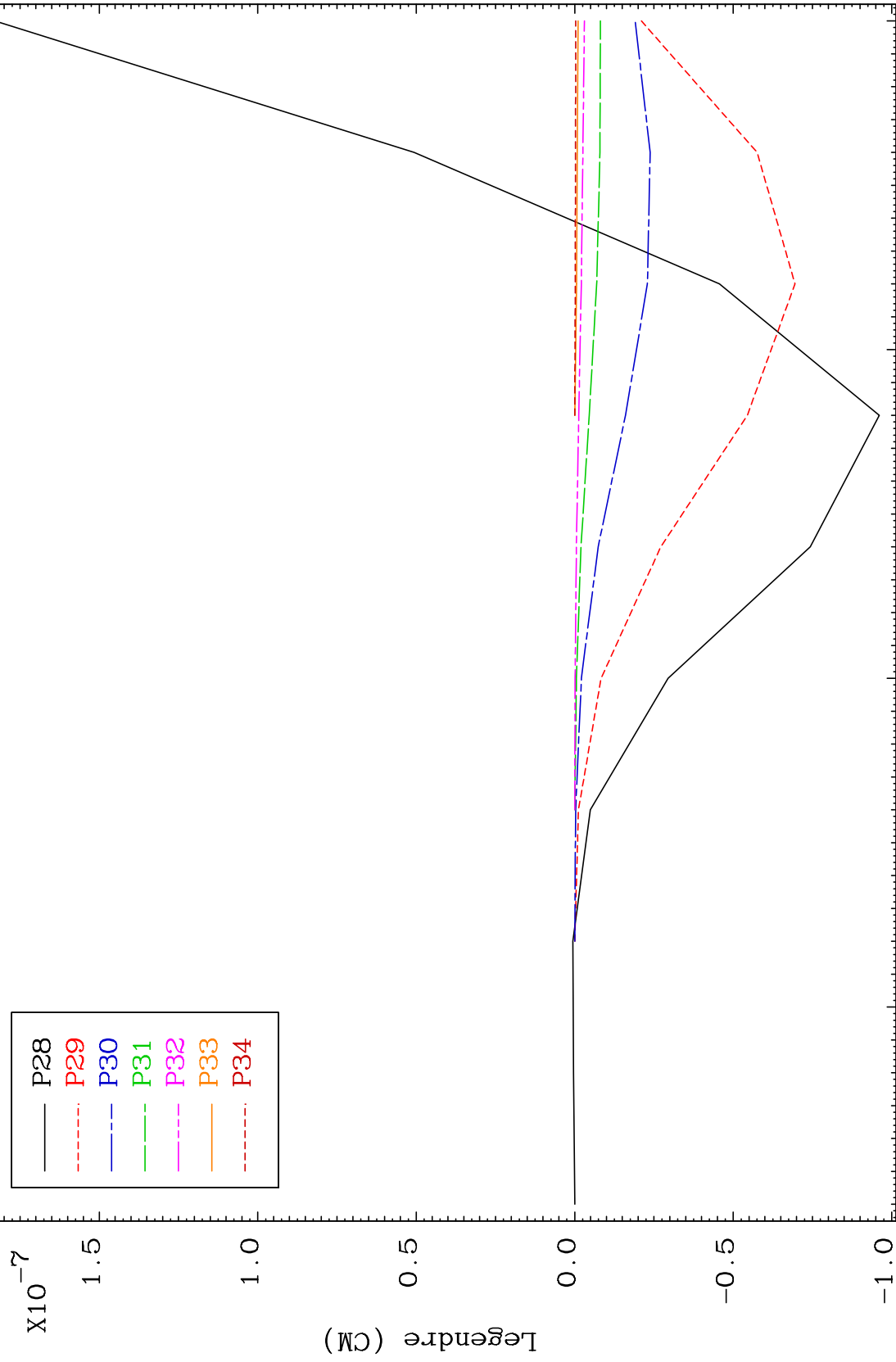
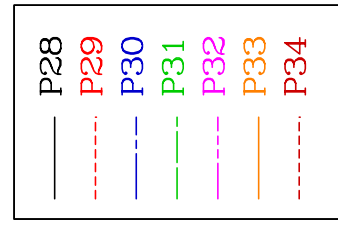
Incident Energy (MeV)

49-In-110

MAT 4916

Elastic Legendre Coefficients

49-In-110

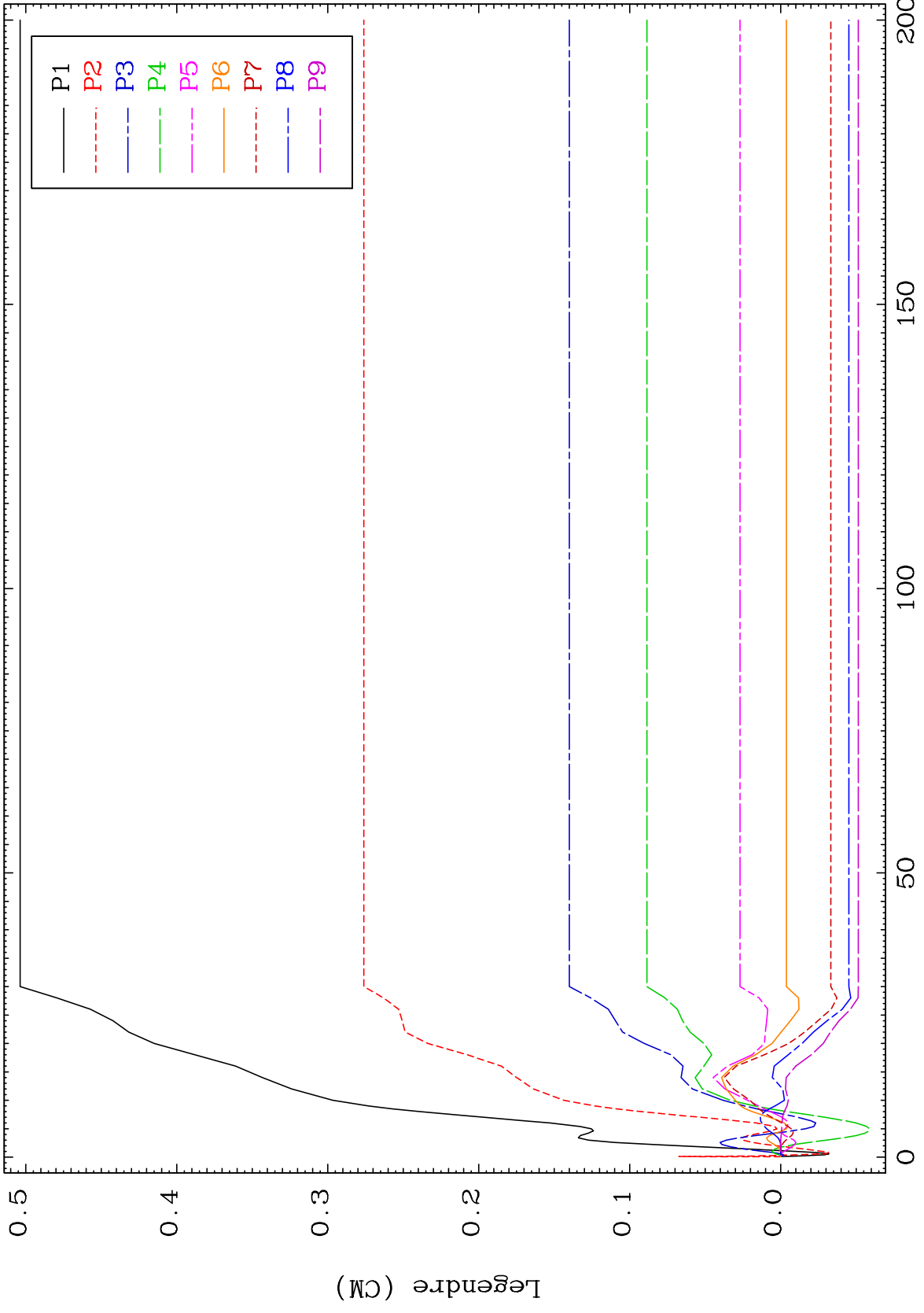


19

Incident Energy (MeV)

49-In-110

MAT 4916 MT= 51 (n,n') Level Legendre Coefficients 49-In-110

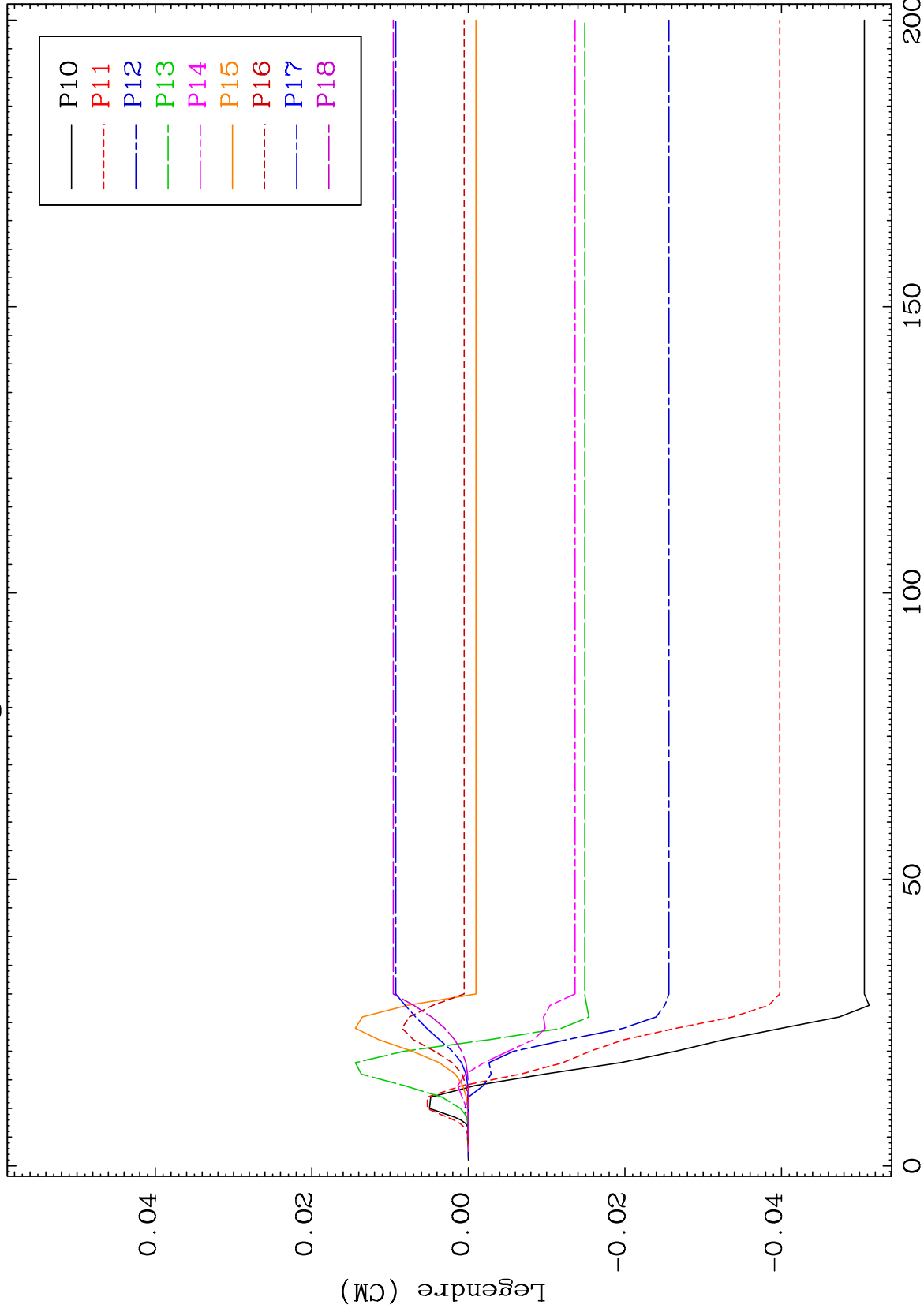


Legendre (CM) Incident Energy (MeV) 49-In-110

MAT 4916

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

49-In-110



21

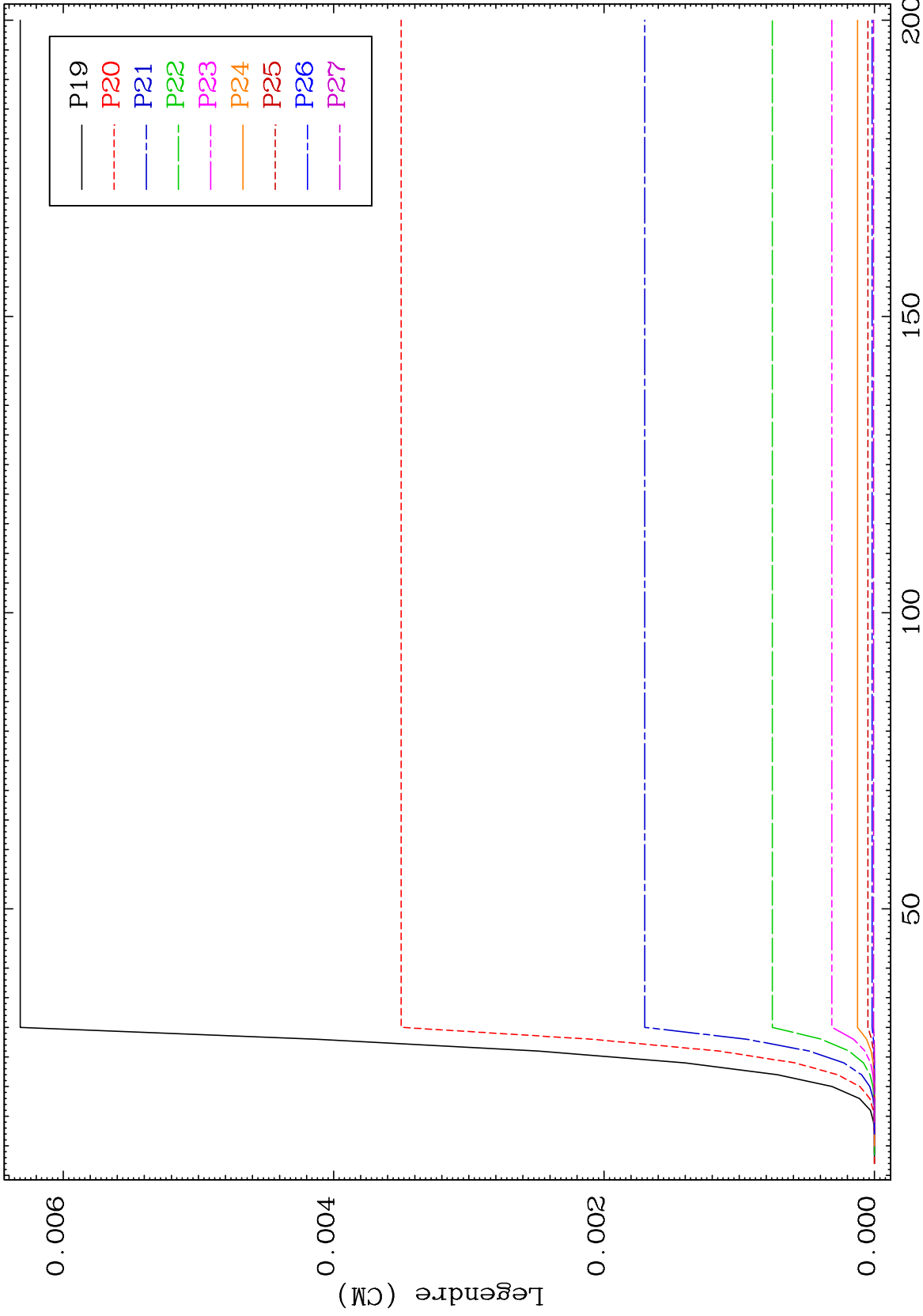
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



22

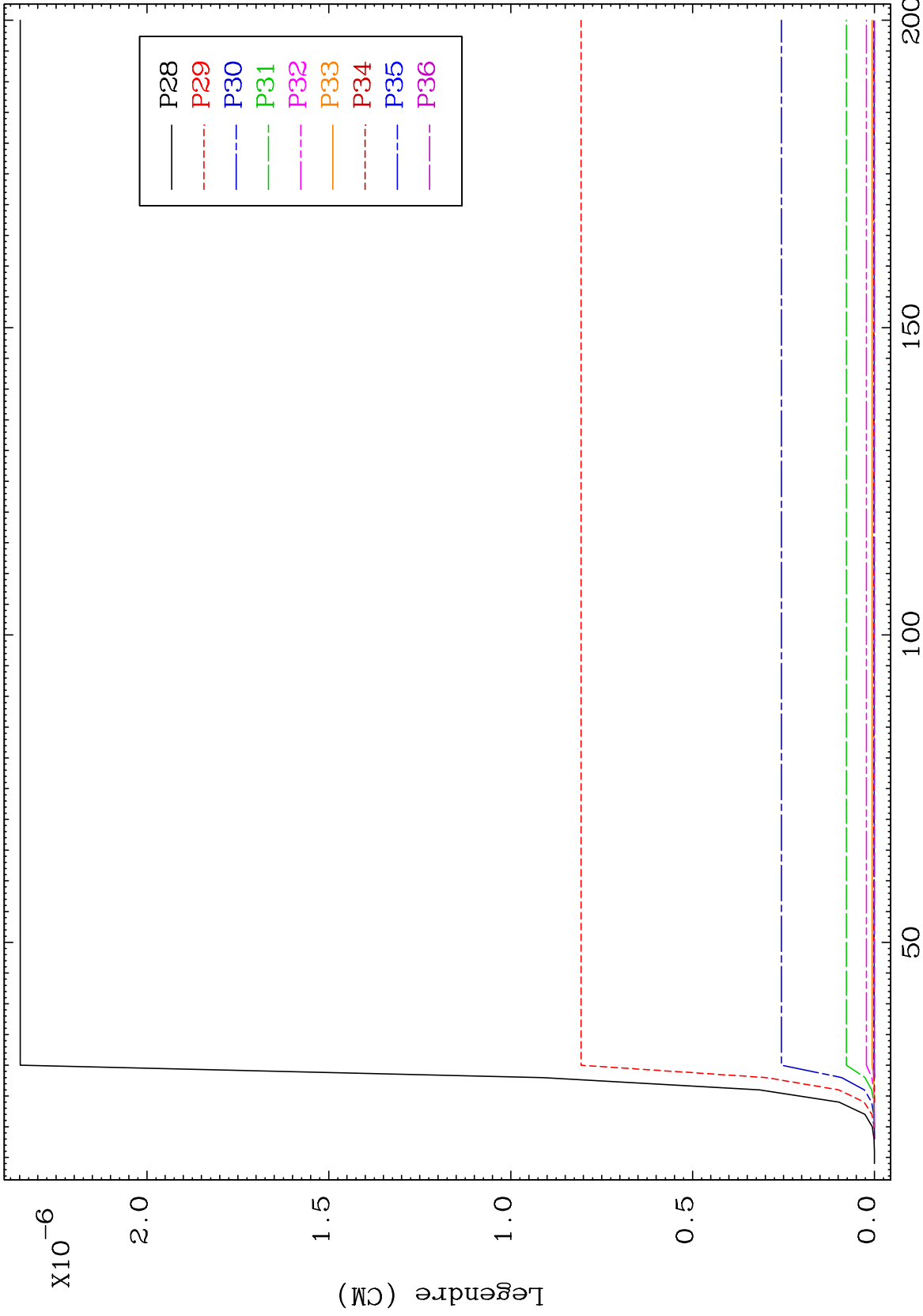
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



23

Incident Energy (MeV)

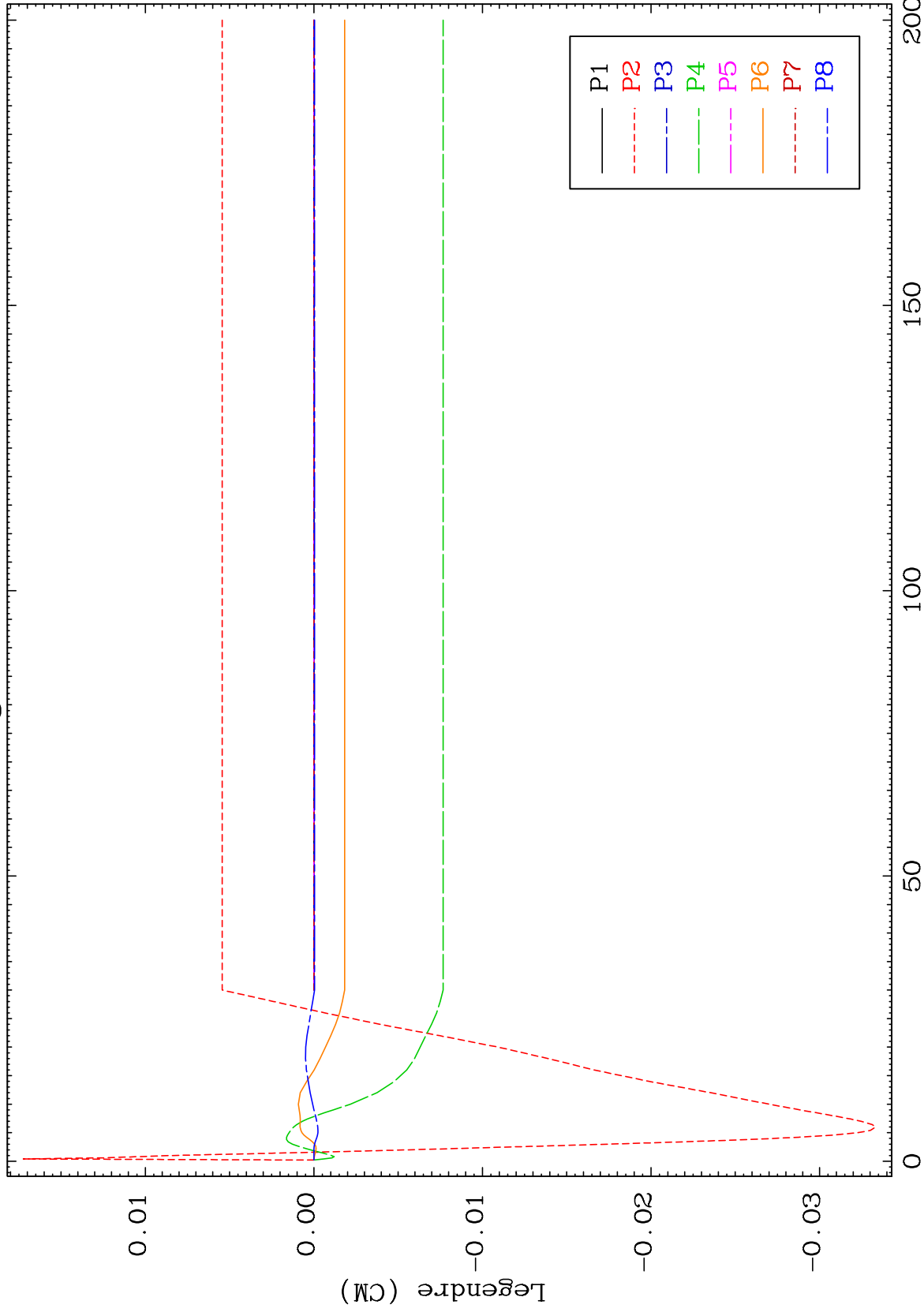
49-In-110



MAT 4916

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

49-In-110

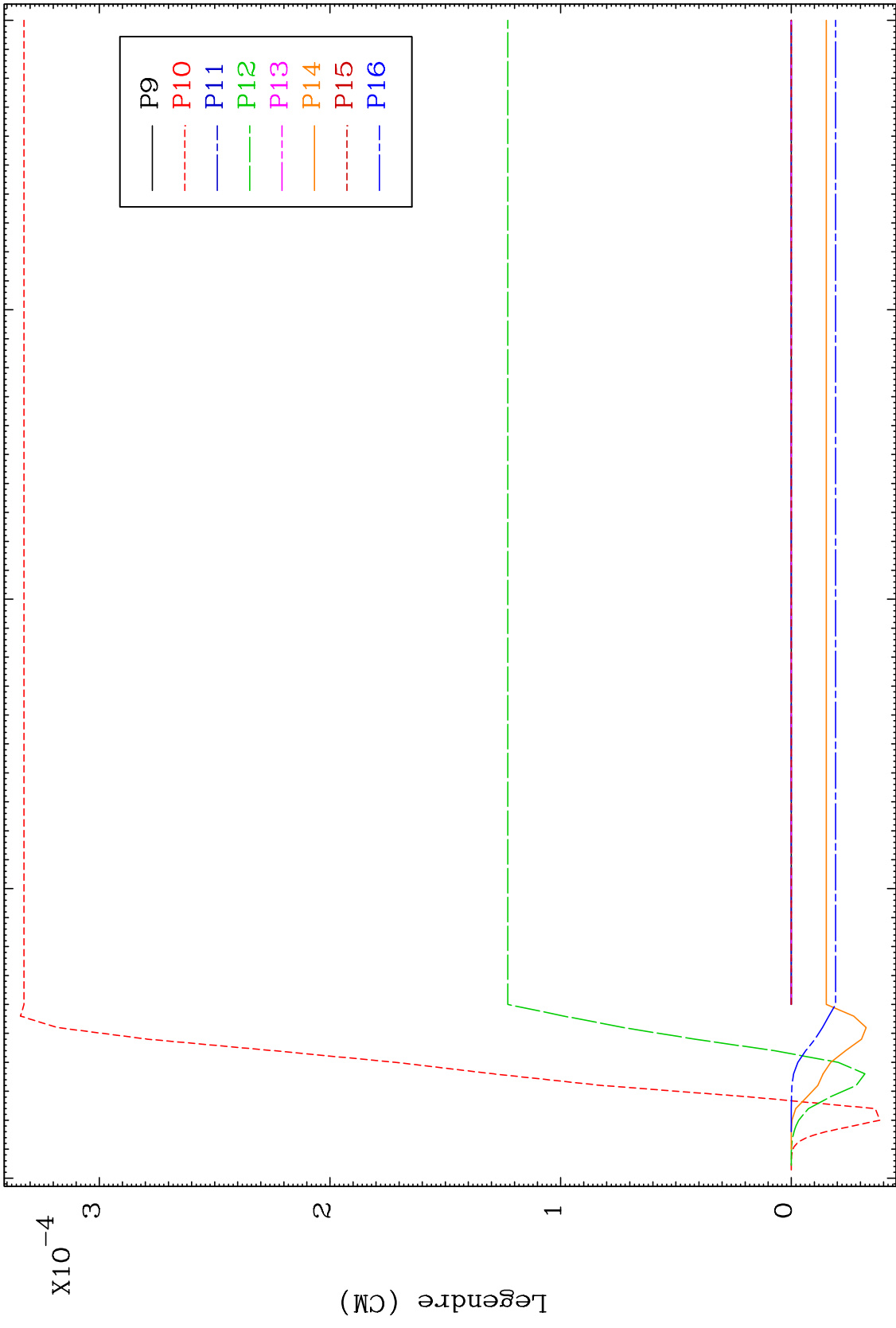


24

Incident Energy (MeV)

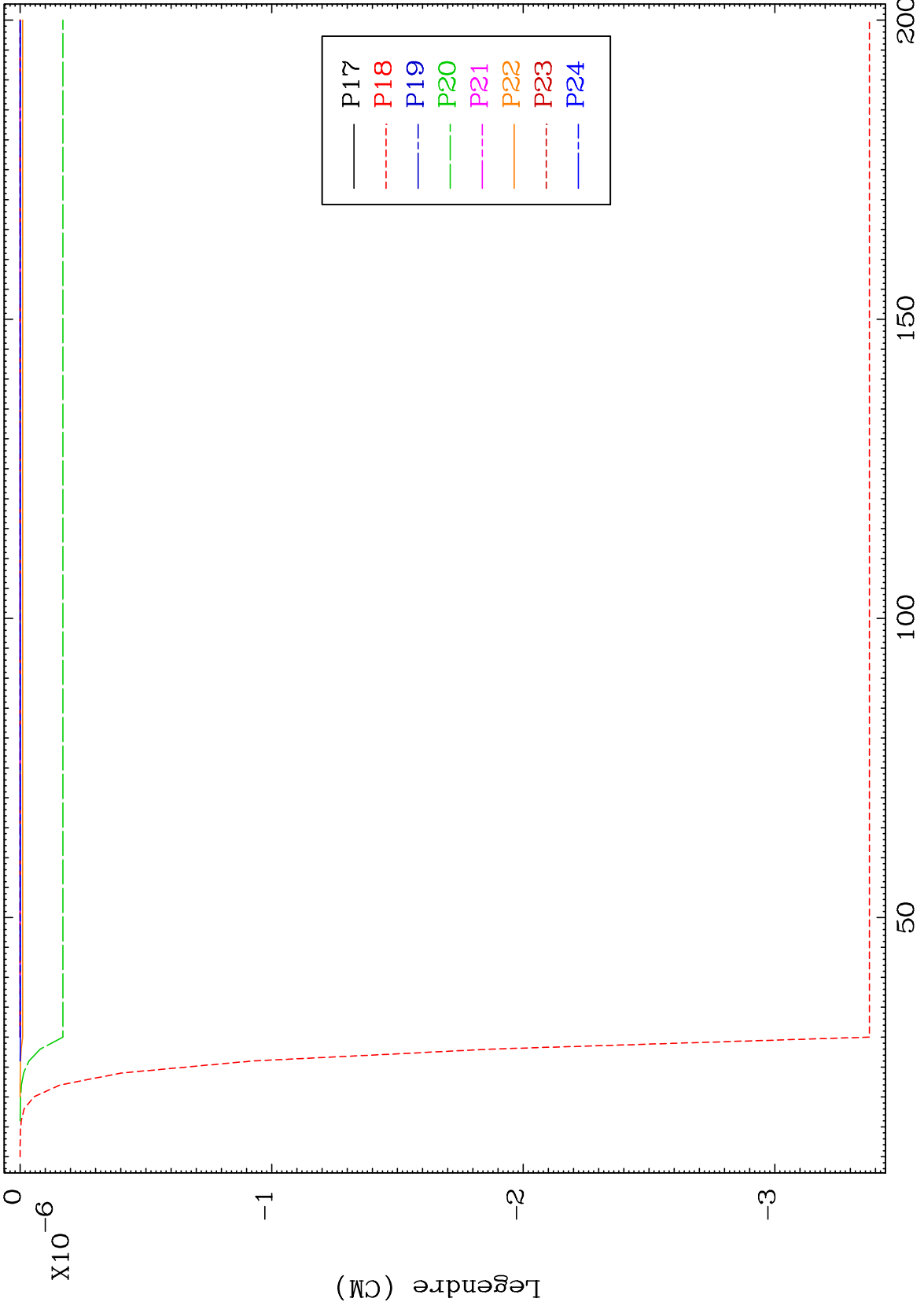
49-In-110

MAT 4916 MT= 52 (n,n') Level Legendre Coefficients 49-In-110



25 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 52 (n,n') Level Legendre Coefficients 49-In-110

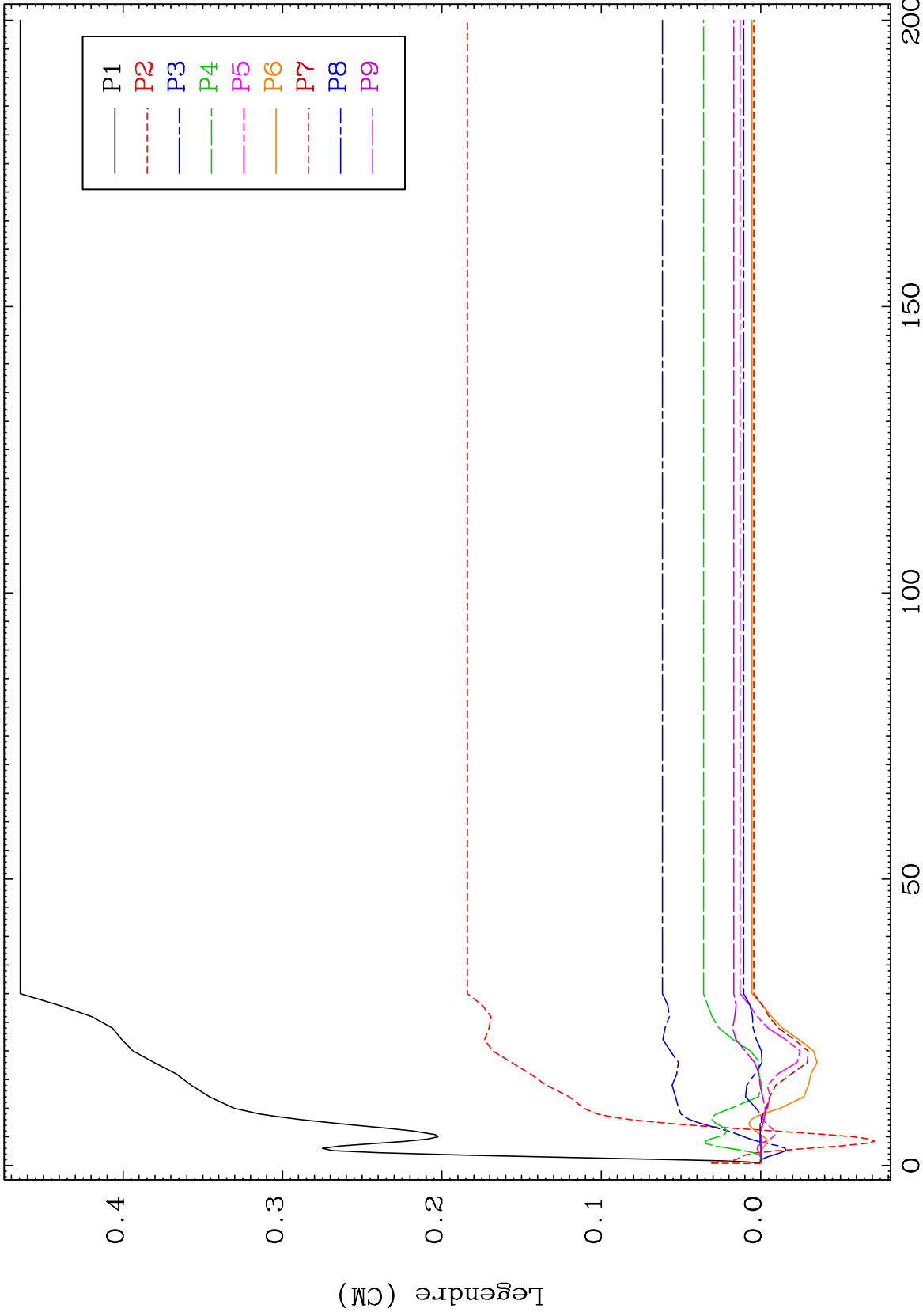


26 Incident Energy (MeV) 49-In-110

MAT 4916

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

49-In-110



27

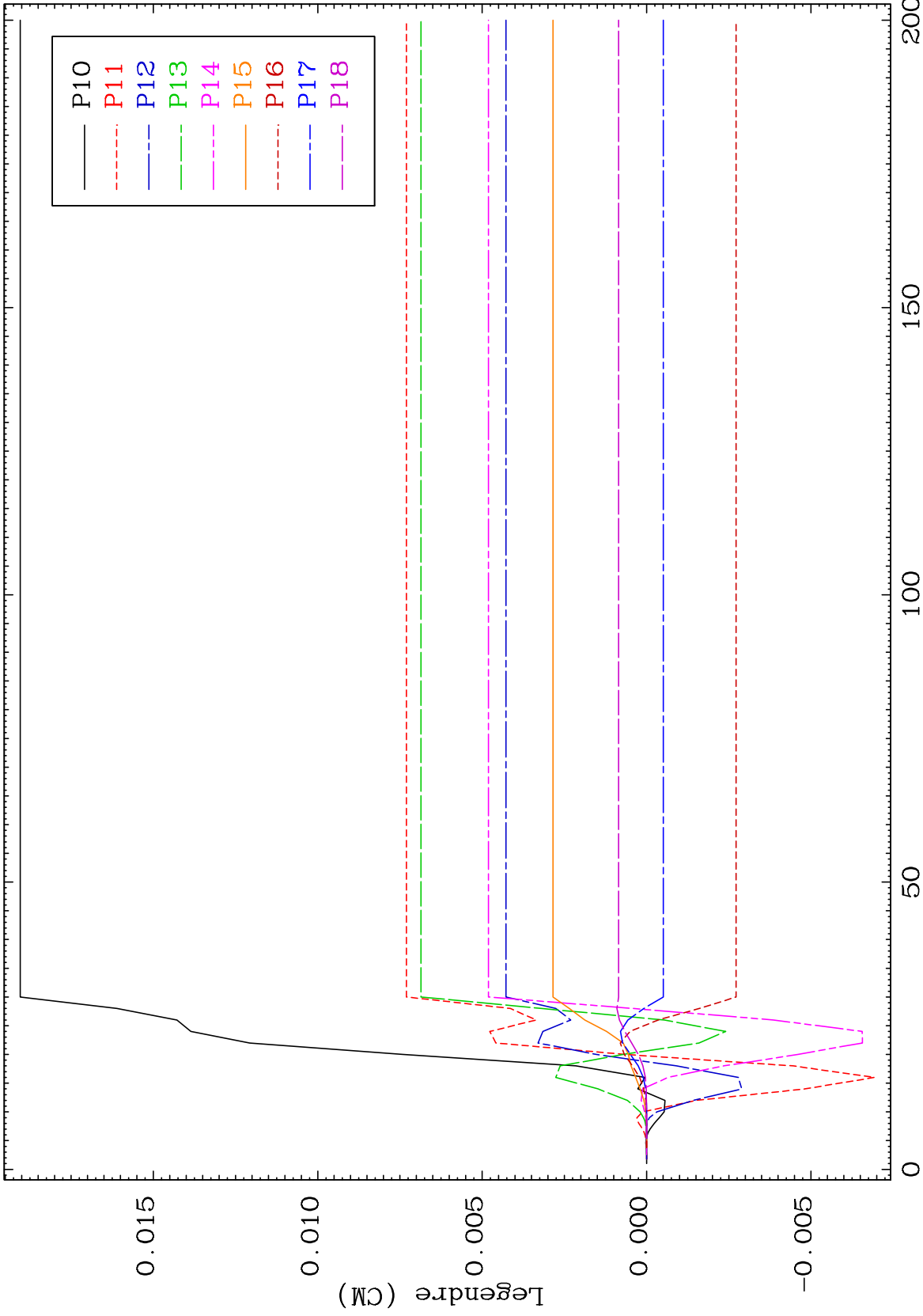
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



28

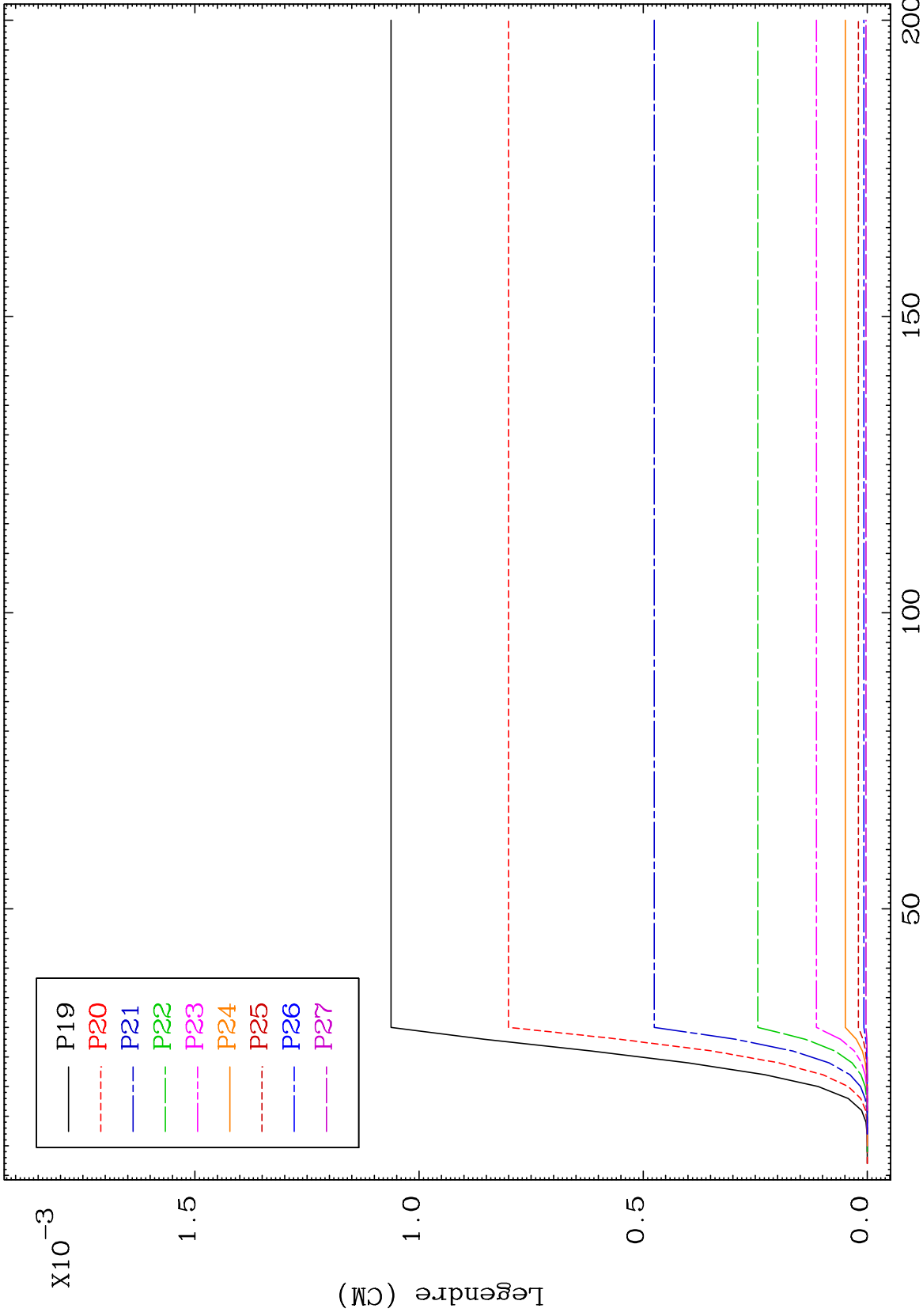
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



29

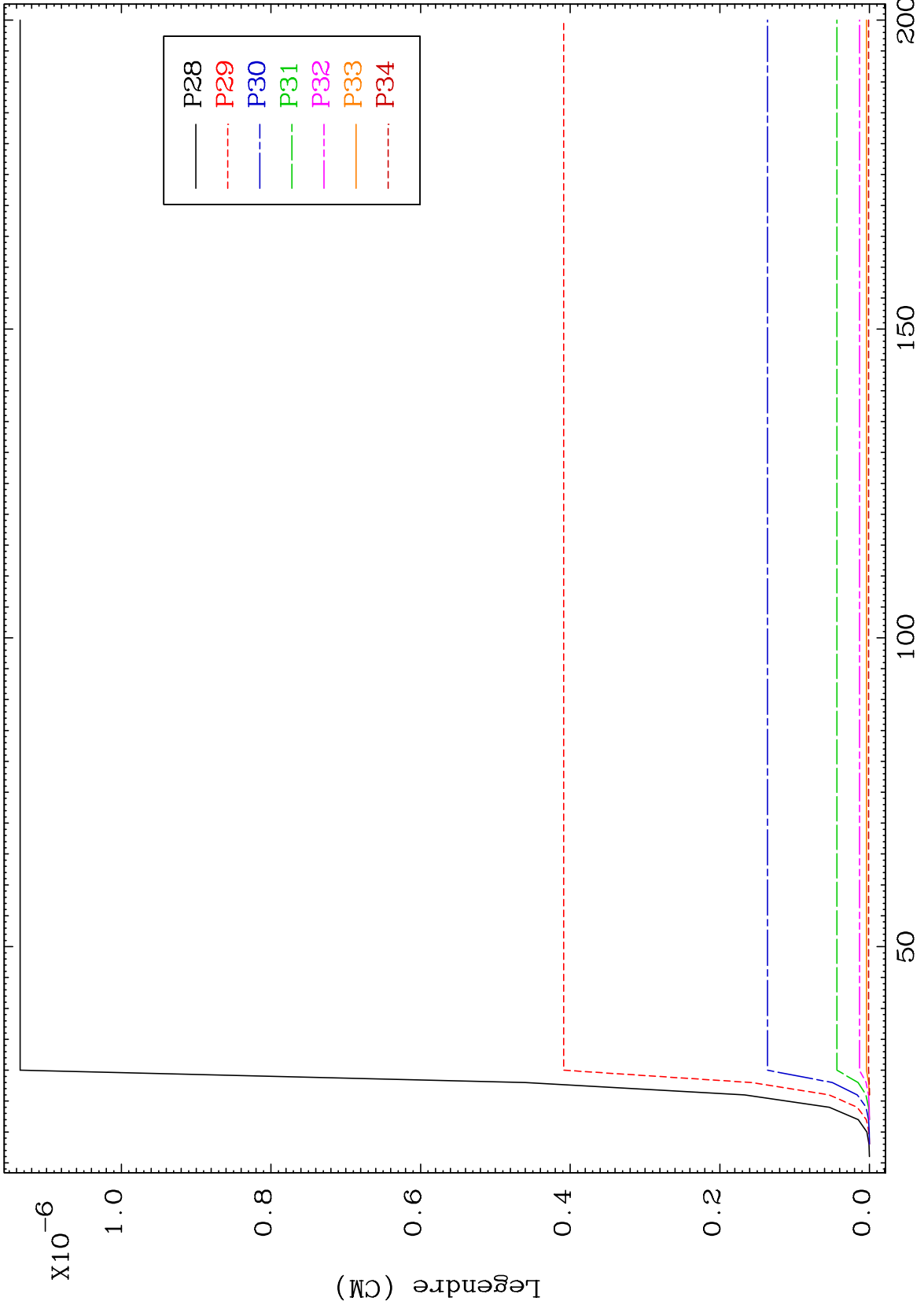
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



30

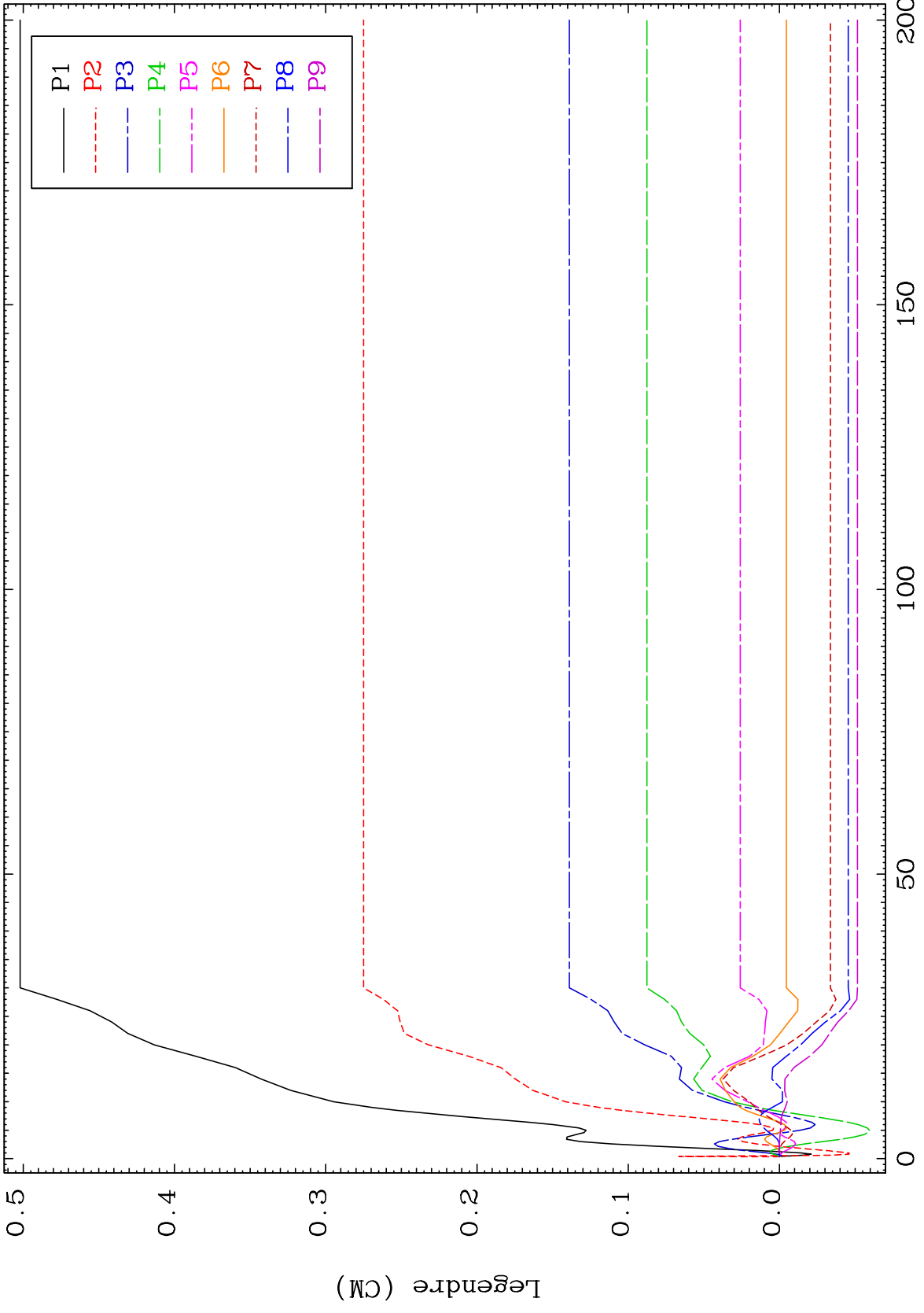
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



31

Incident Energy (MeV)

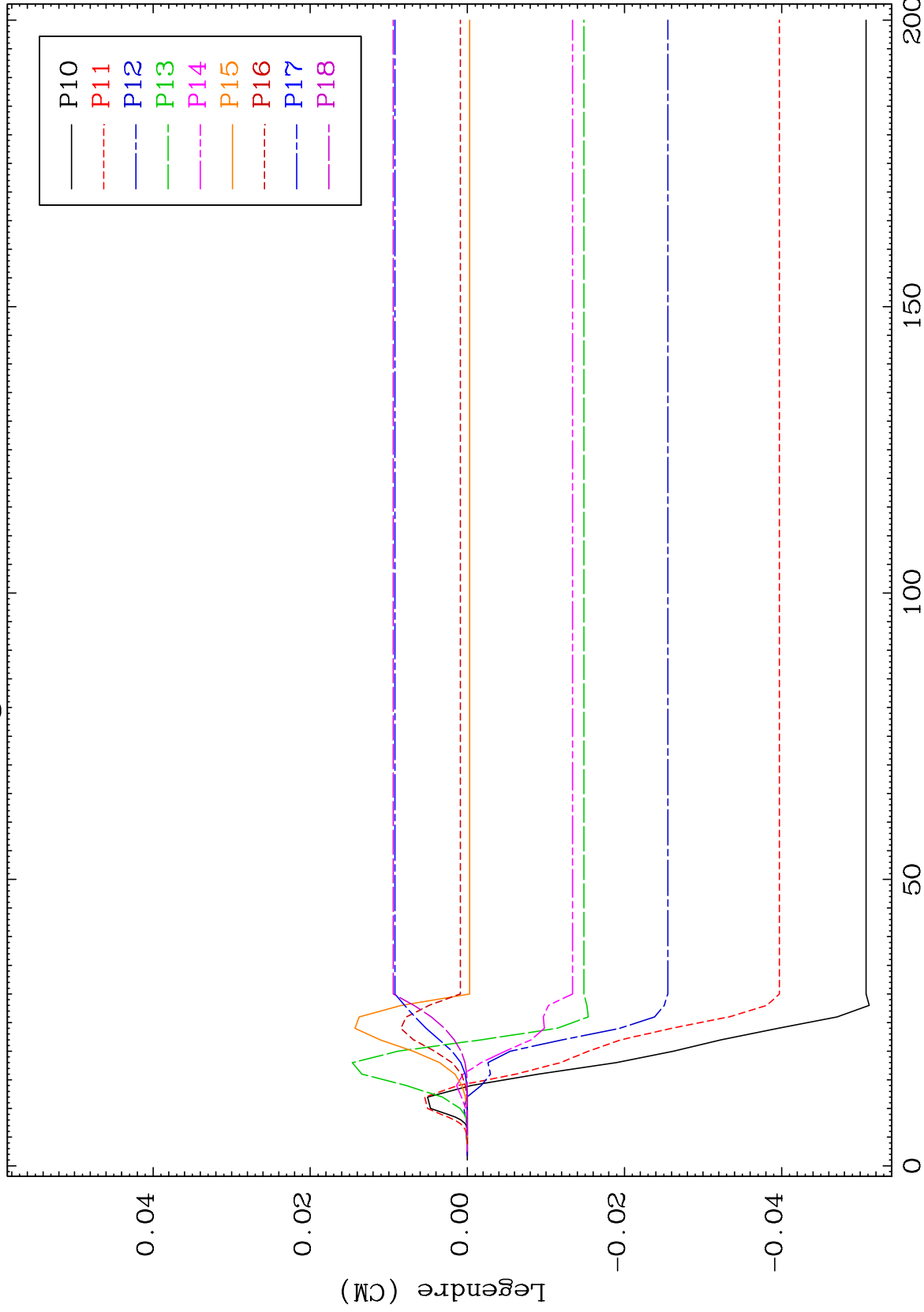
49-In-110



MAT 4916

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

49-In-110



32

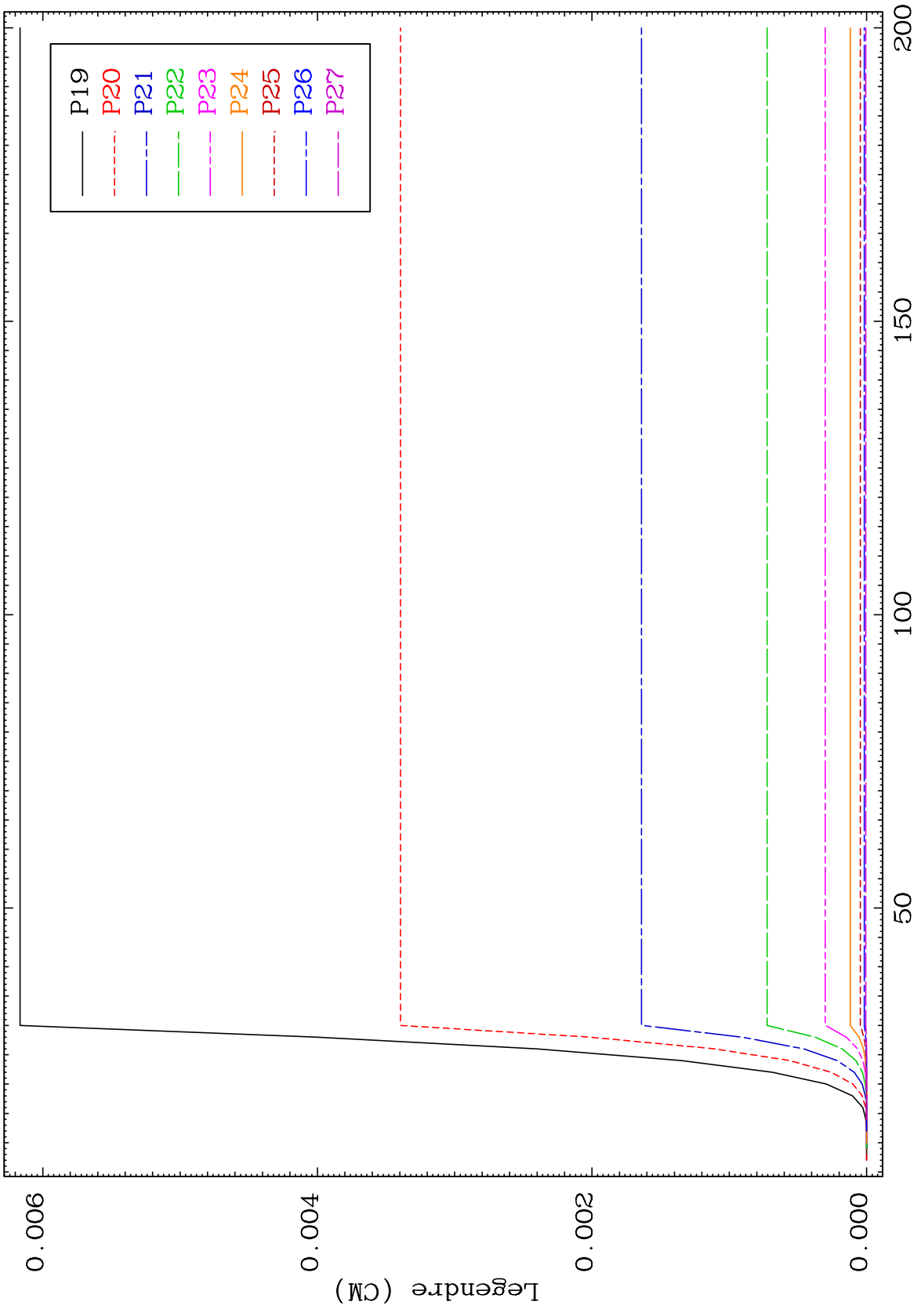
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



33

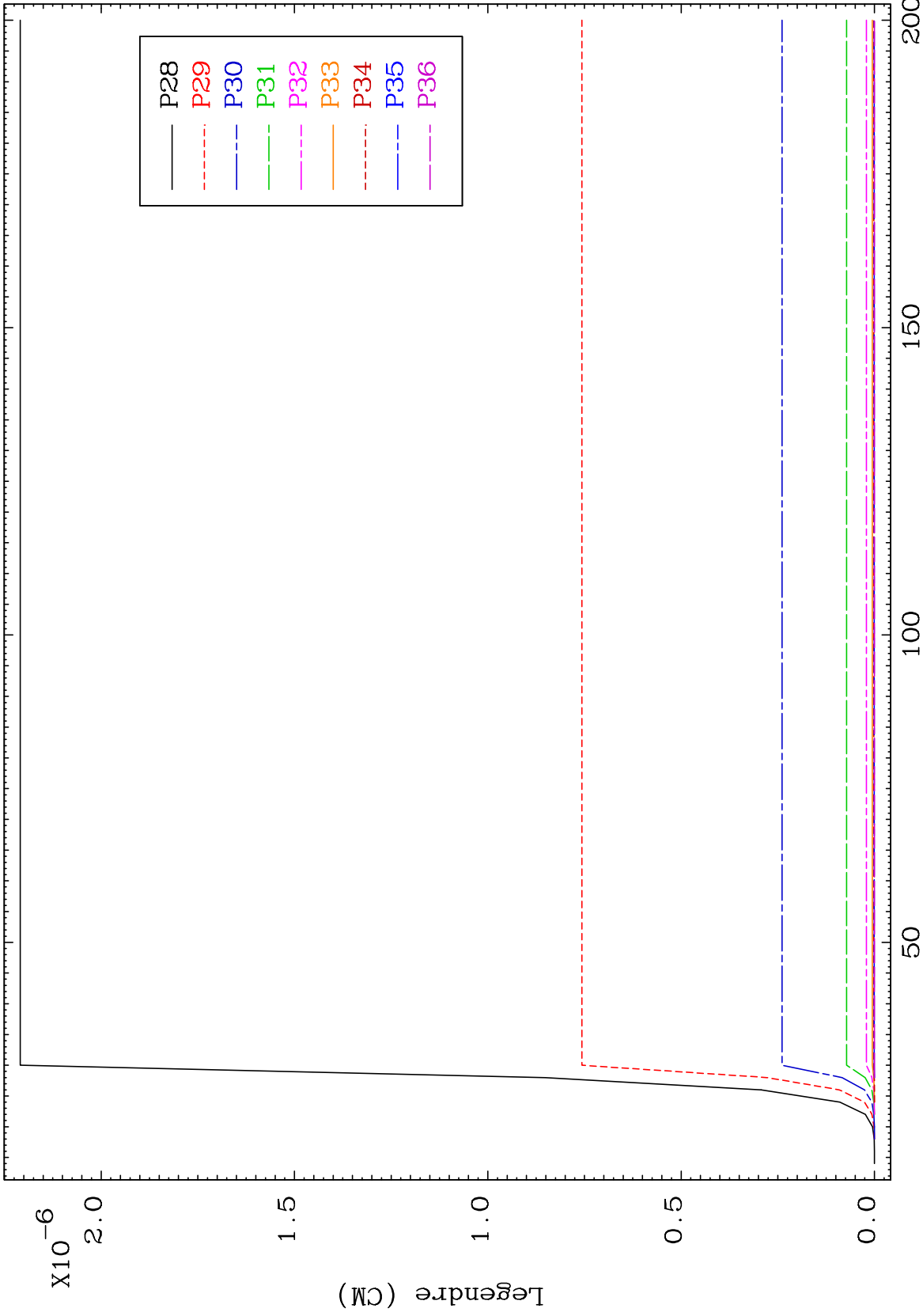
Incident Energy (MeV)

49-In-110

MAT 4916

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

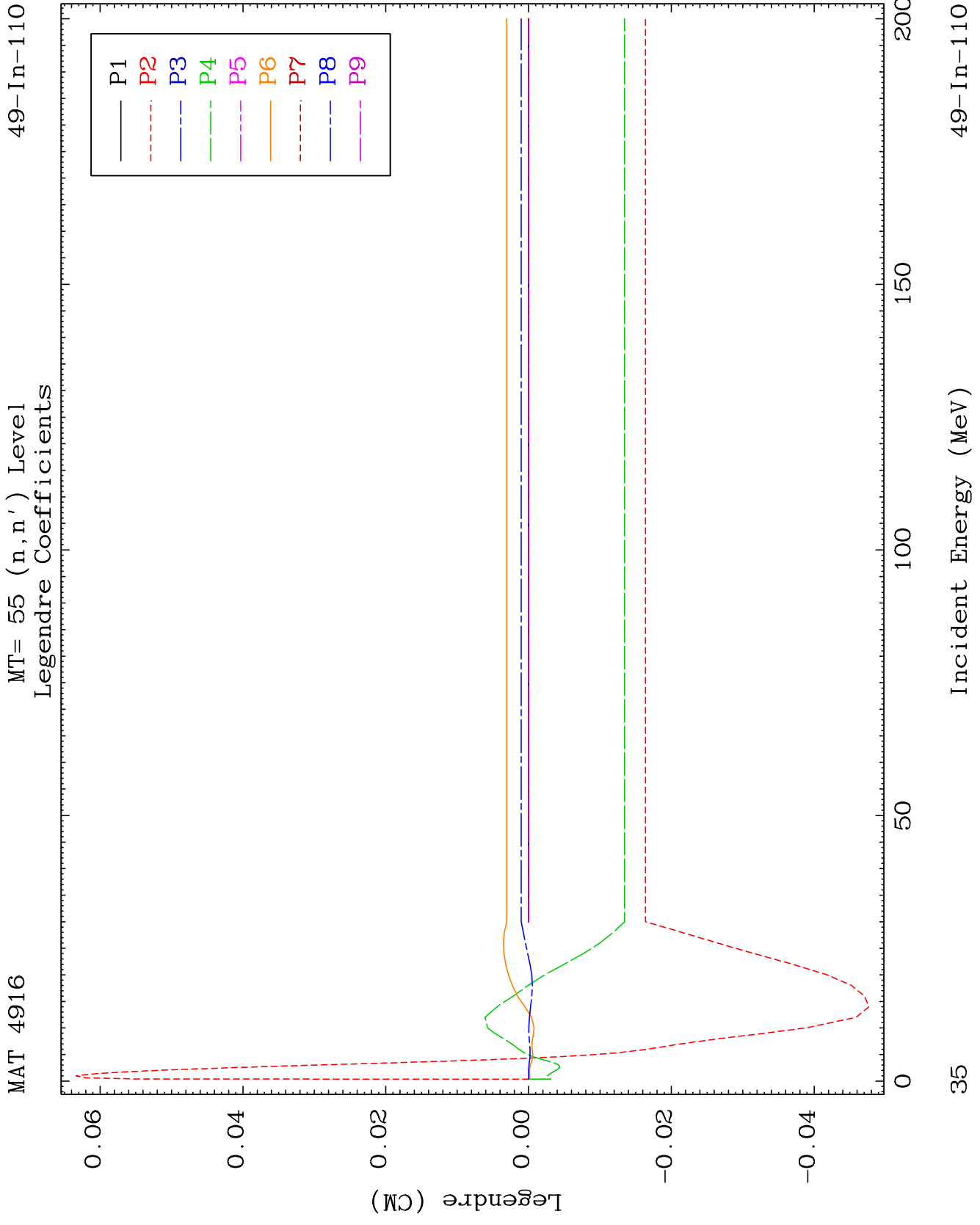
49-In-110



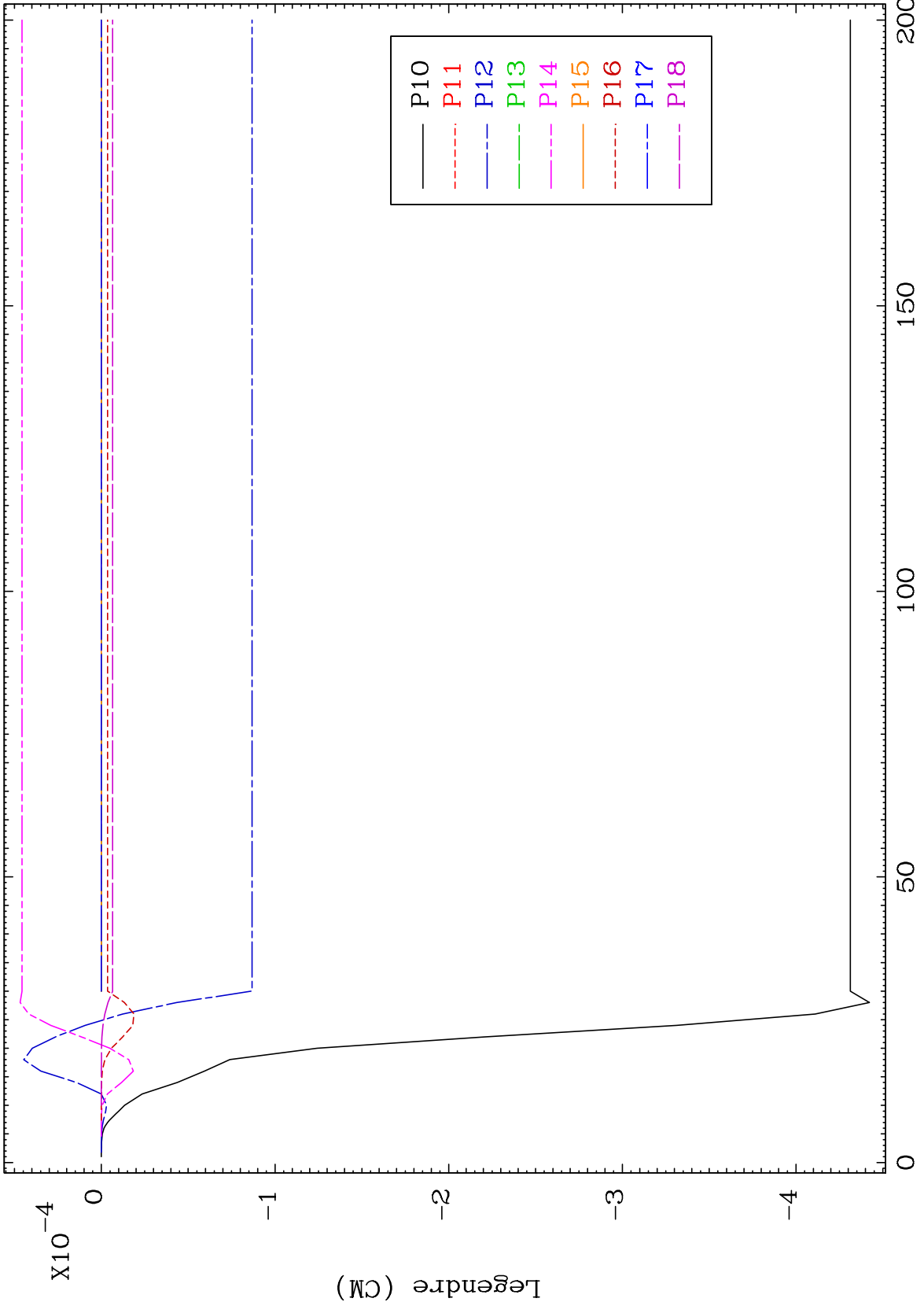
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Incident Energy (MeV)

49-In-110

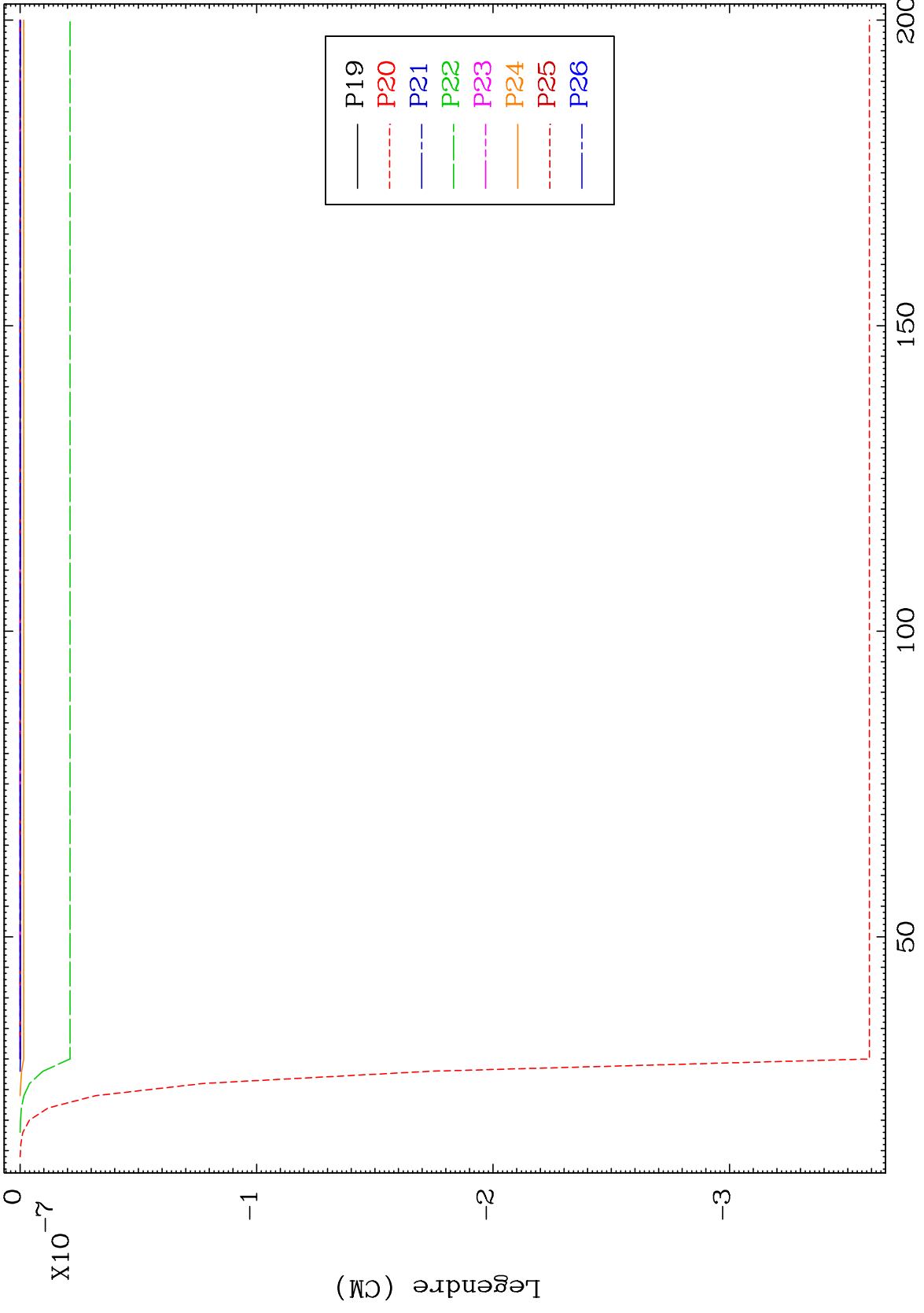


MAT 4916 MT= 55 (n,n') Level Legendre Coefficients 49-In-110



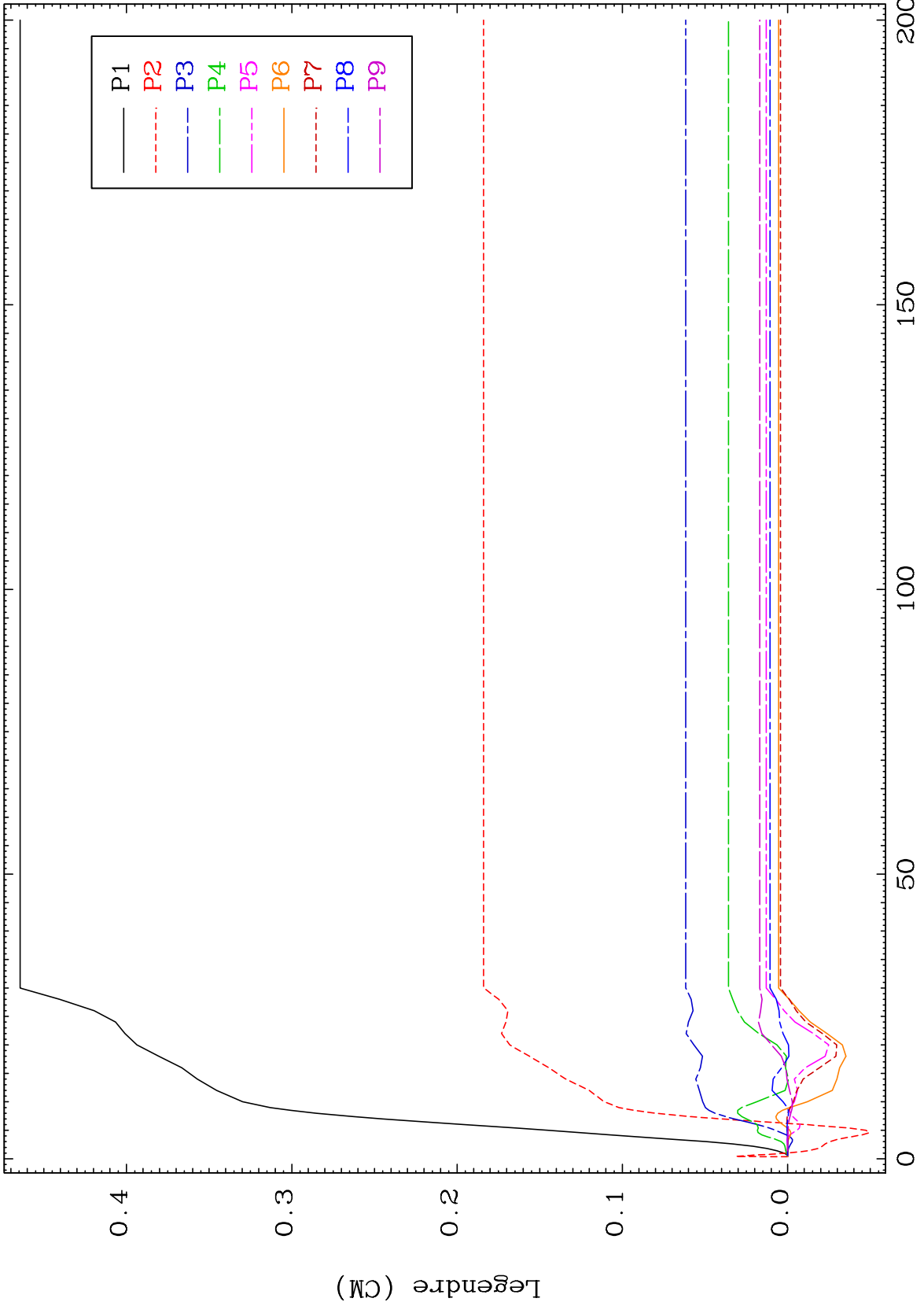
36 49-In-110

MAT 4916 MT= 55 (n,n') Level Legendre Coefficients 49-In-110



37 49-In-110

MAT 4916 MT= 56 (n,n') Level Legendre Coefficients 49-In-110

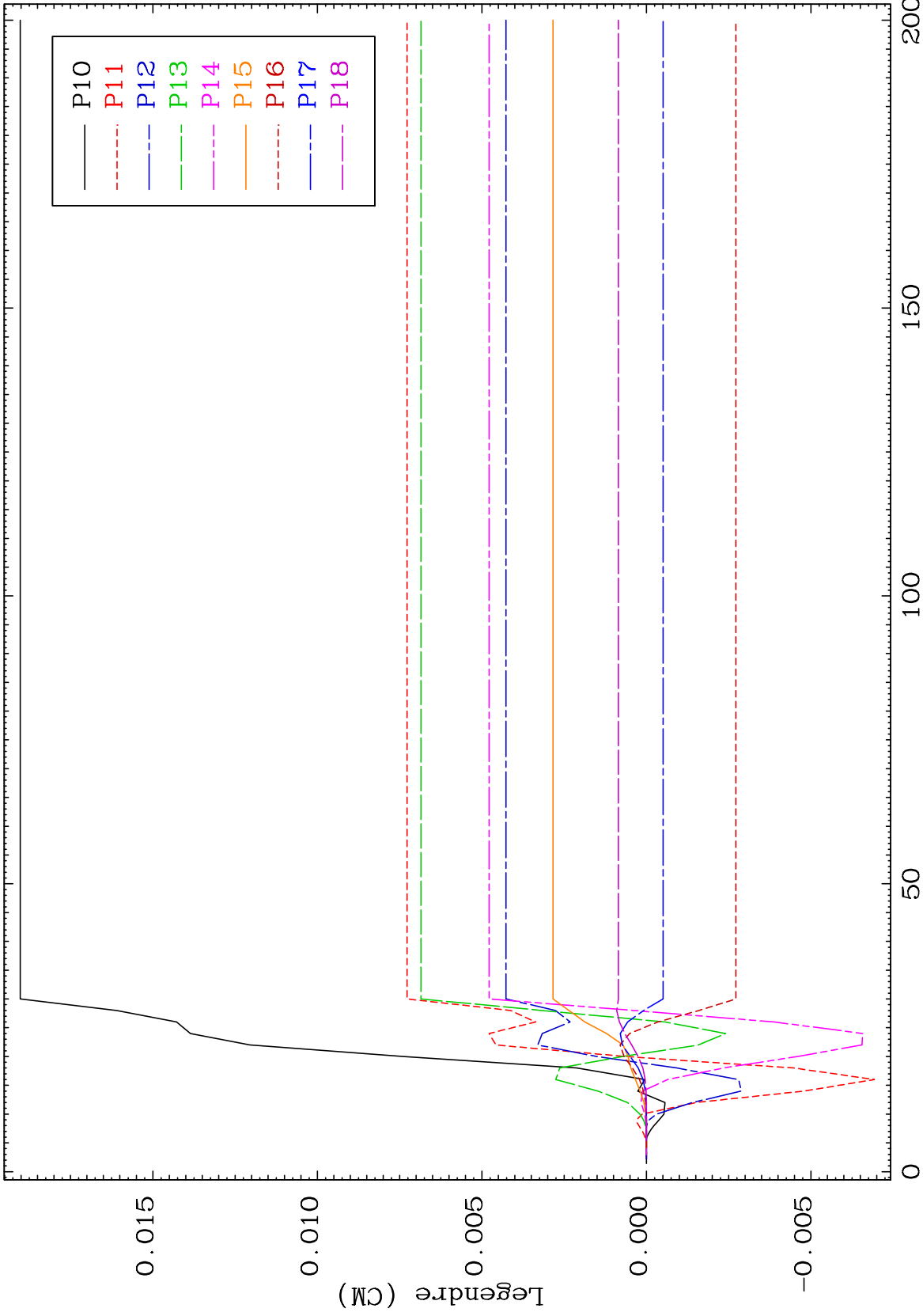


38 49-In-110

MAT 4916

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

49-In-110



39

Incident Energy (MeV)

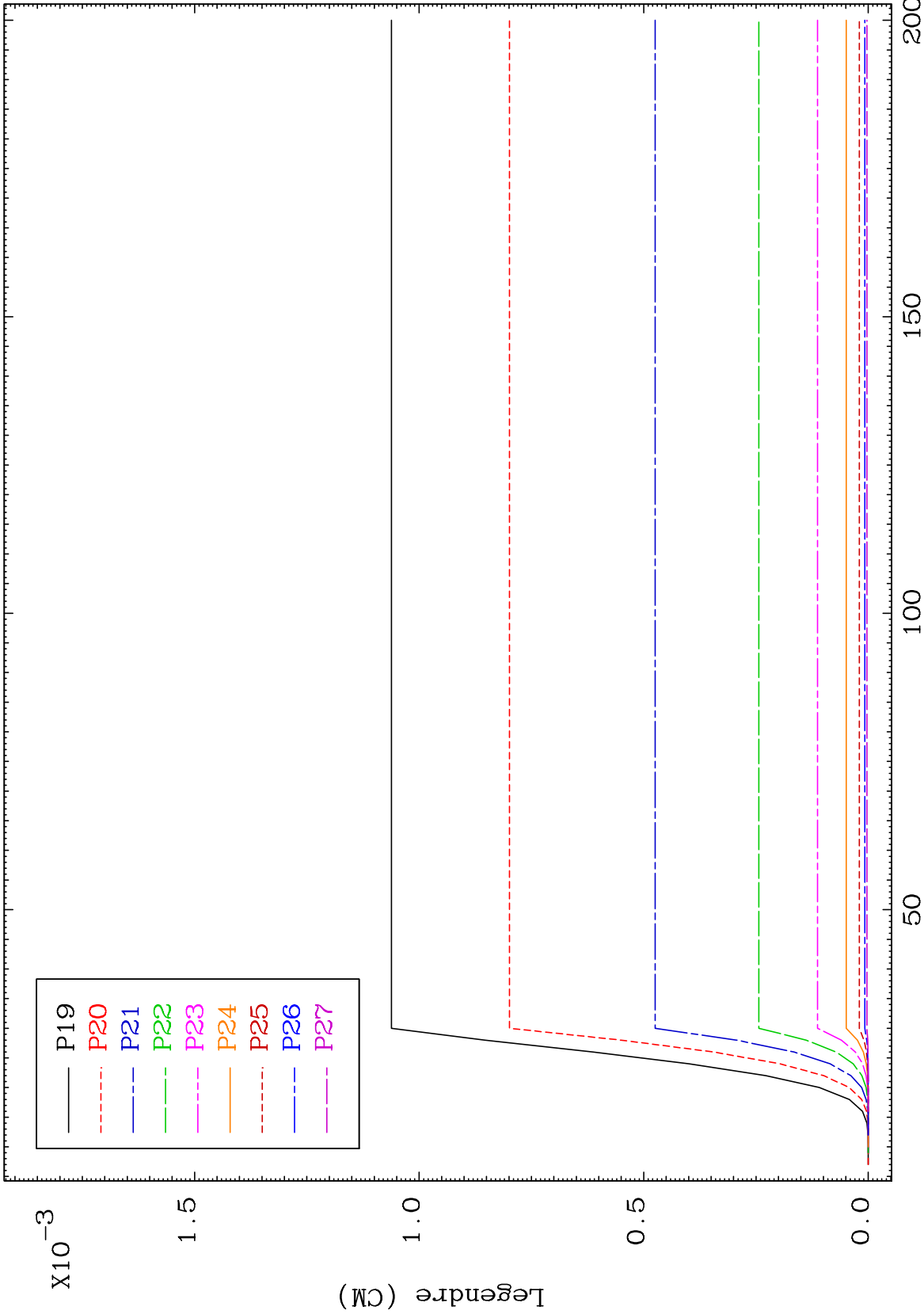
49-In-110



MAT 4916

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

49-In-110



40

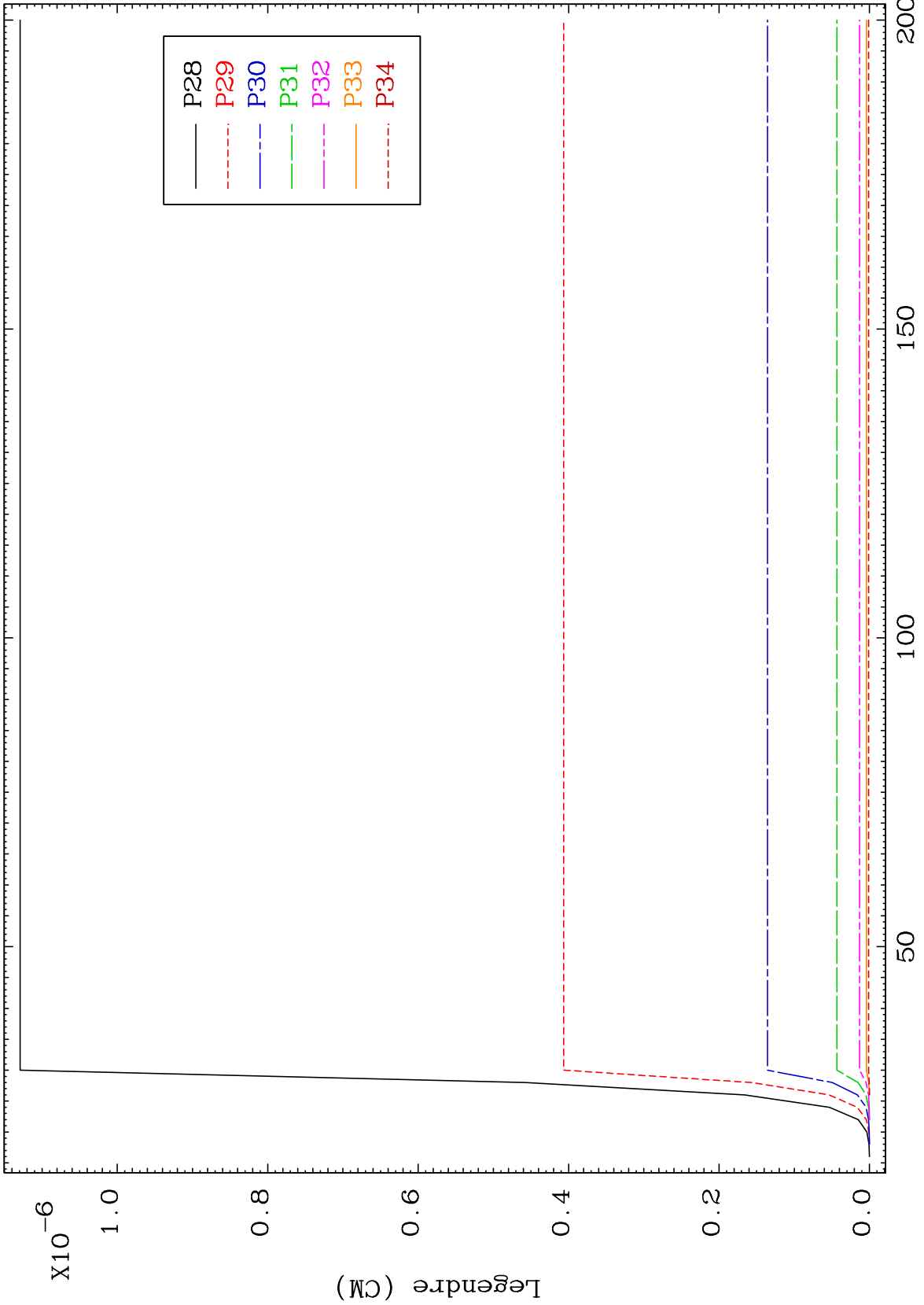
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



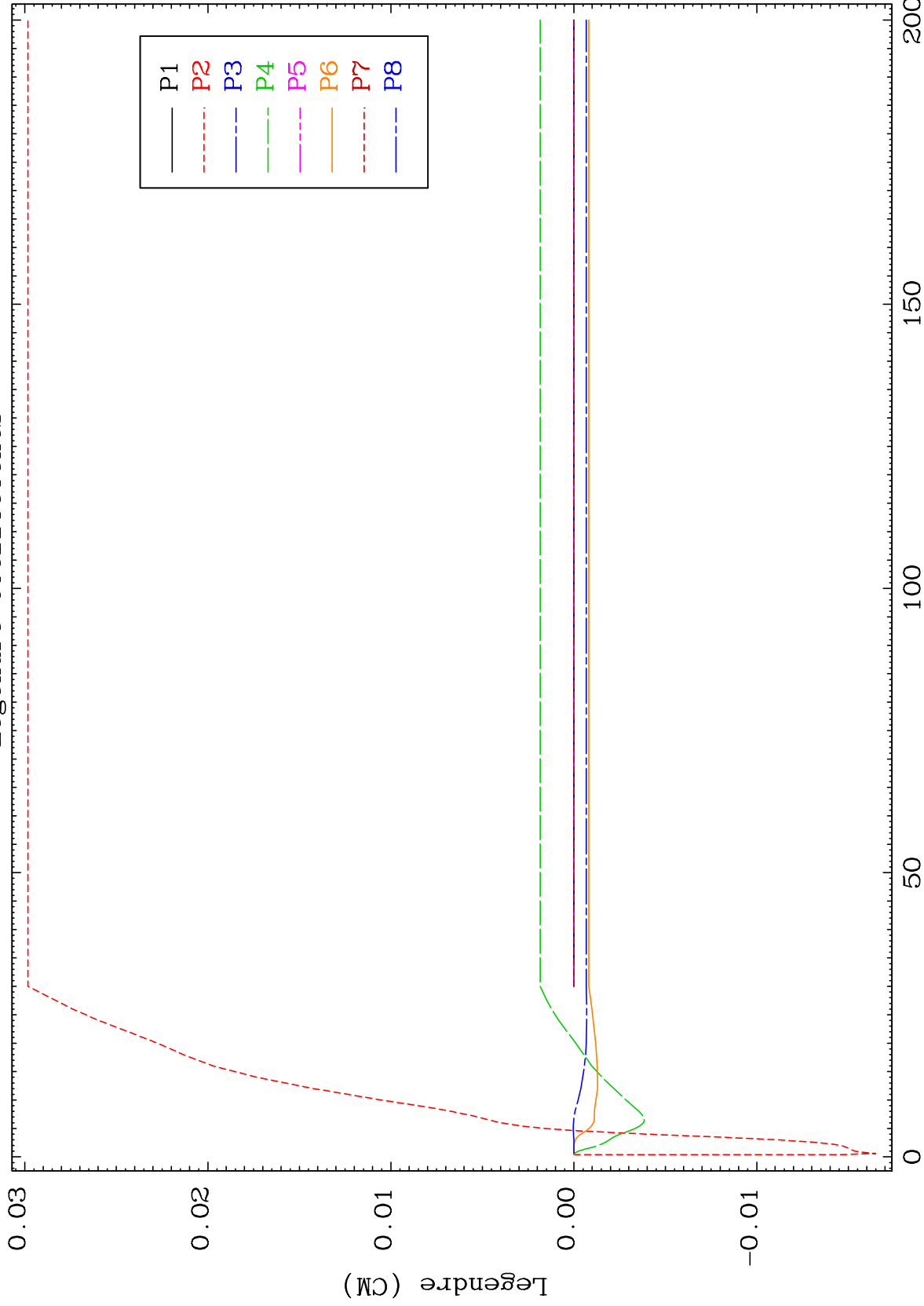
41

49-In-110

MAT 4916

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

49-In-110

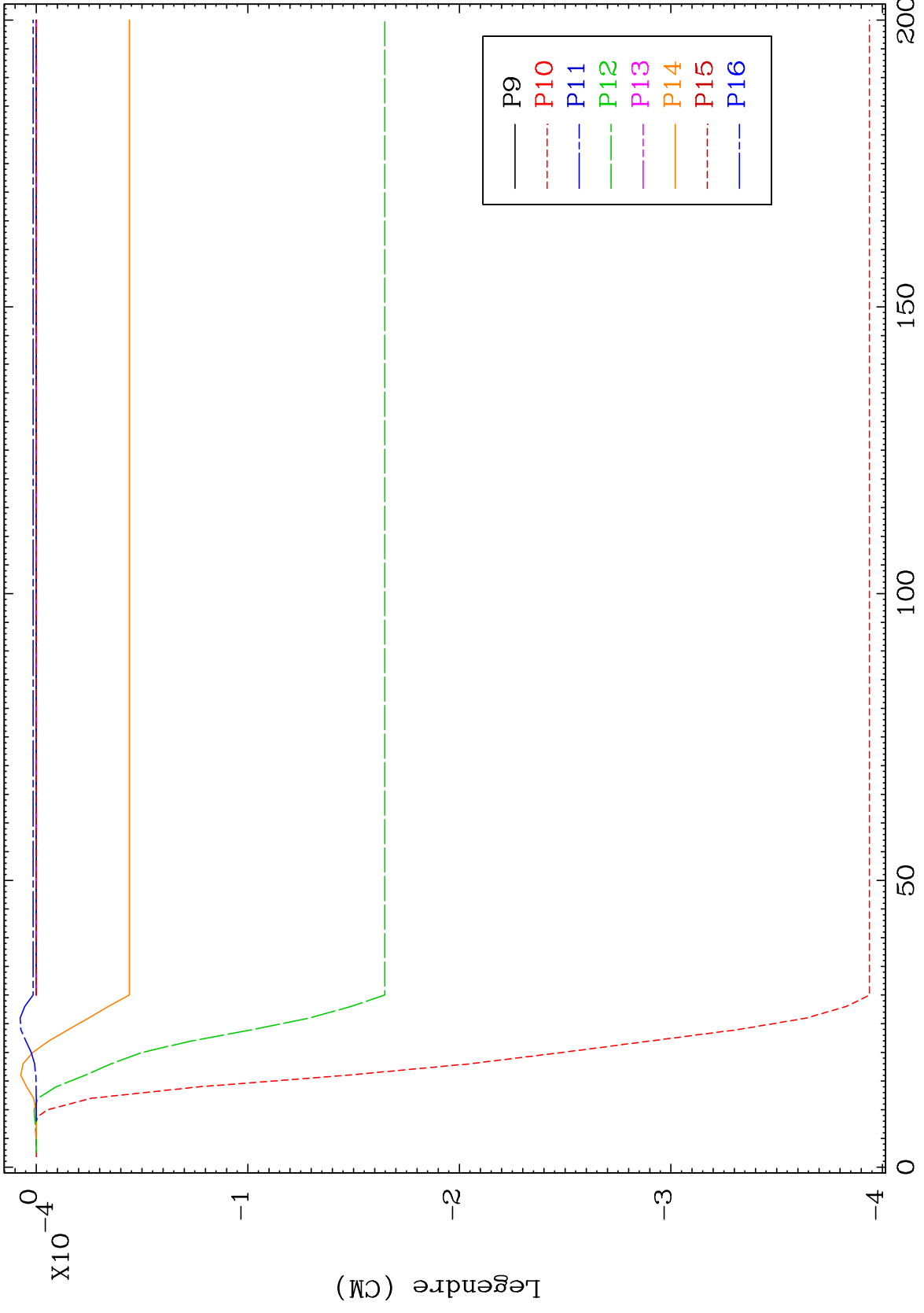


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Incident Energy (MeV)

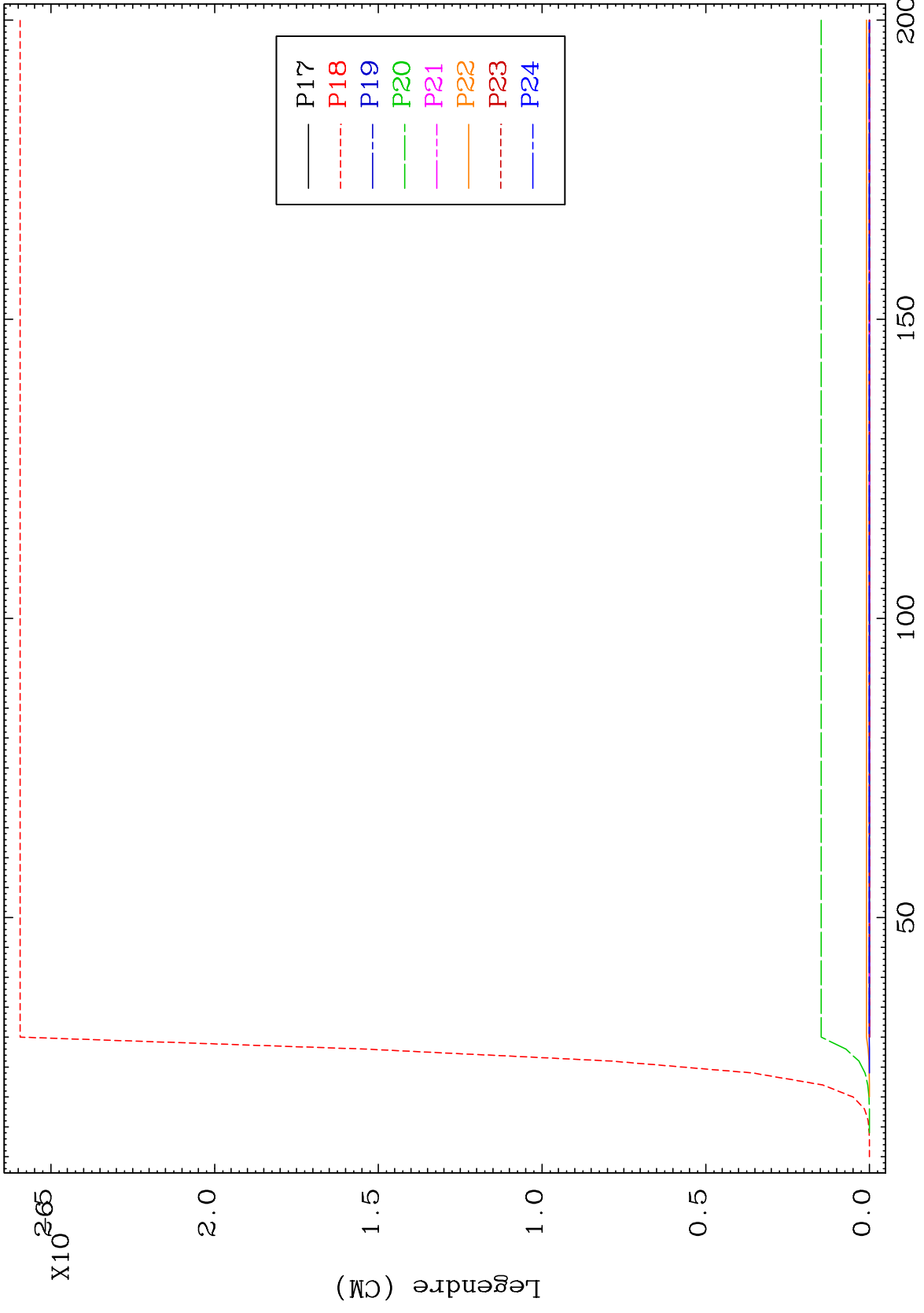
49-In-110

MAT 4916 MT= 57 (n,n') Level Legendre Coefficients 49-In-110



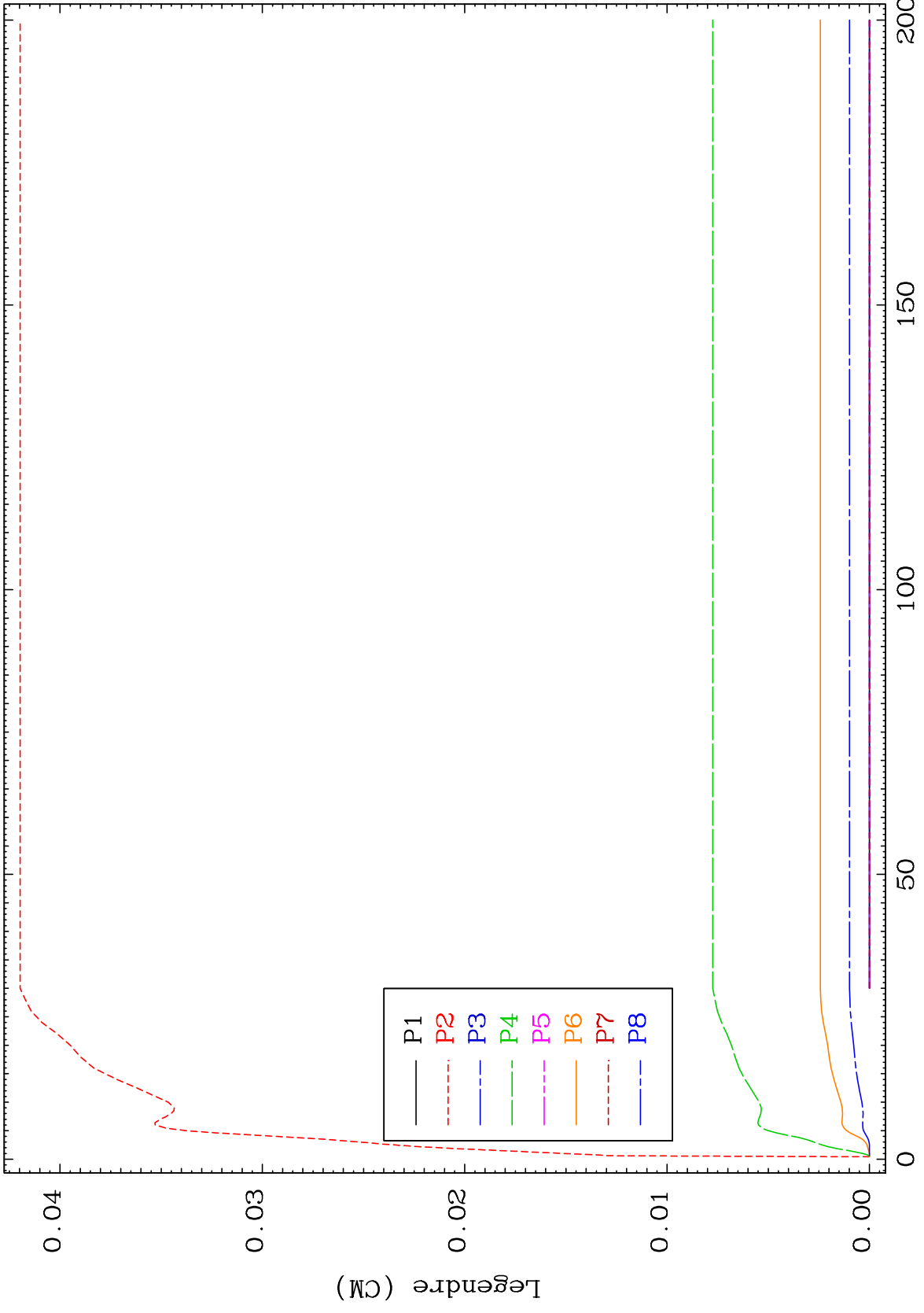
43 49-In-110

MAT 4916 MT= 57 (n,n') Level Legendre Coefficients 49-In-110



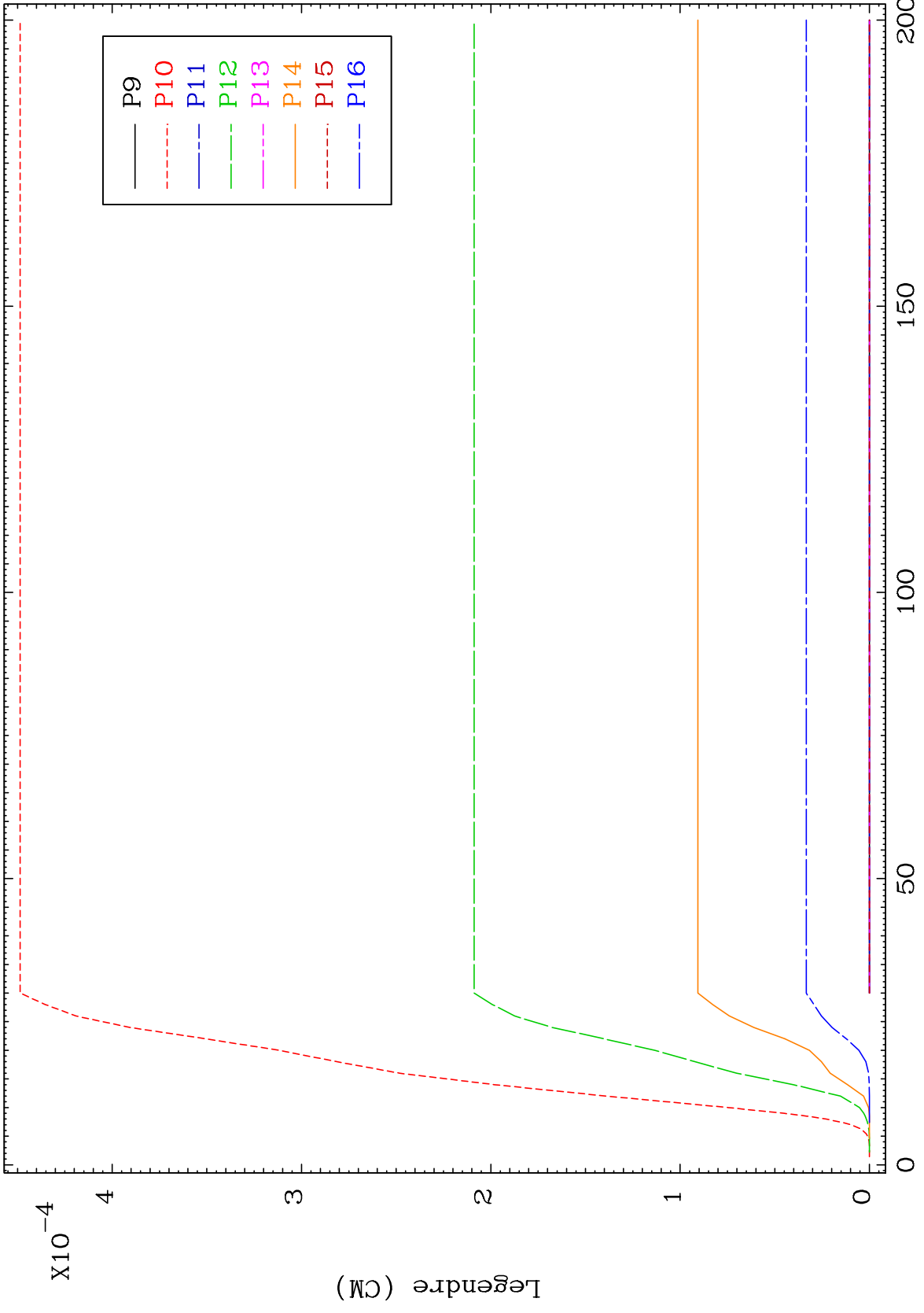
44 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 58 (n,n') Level Legendre Coefficients 49-In-110



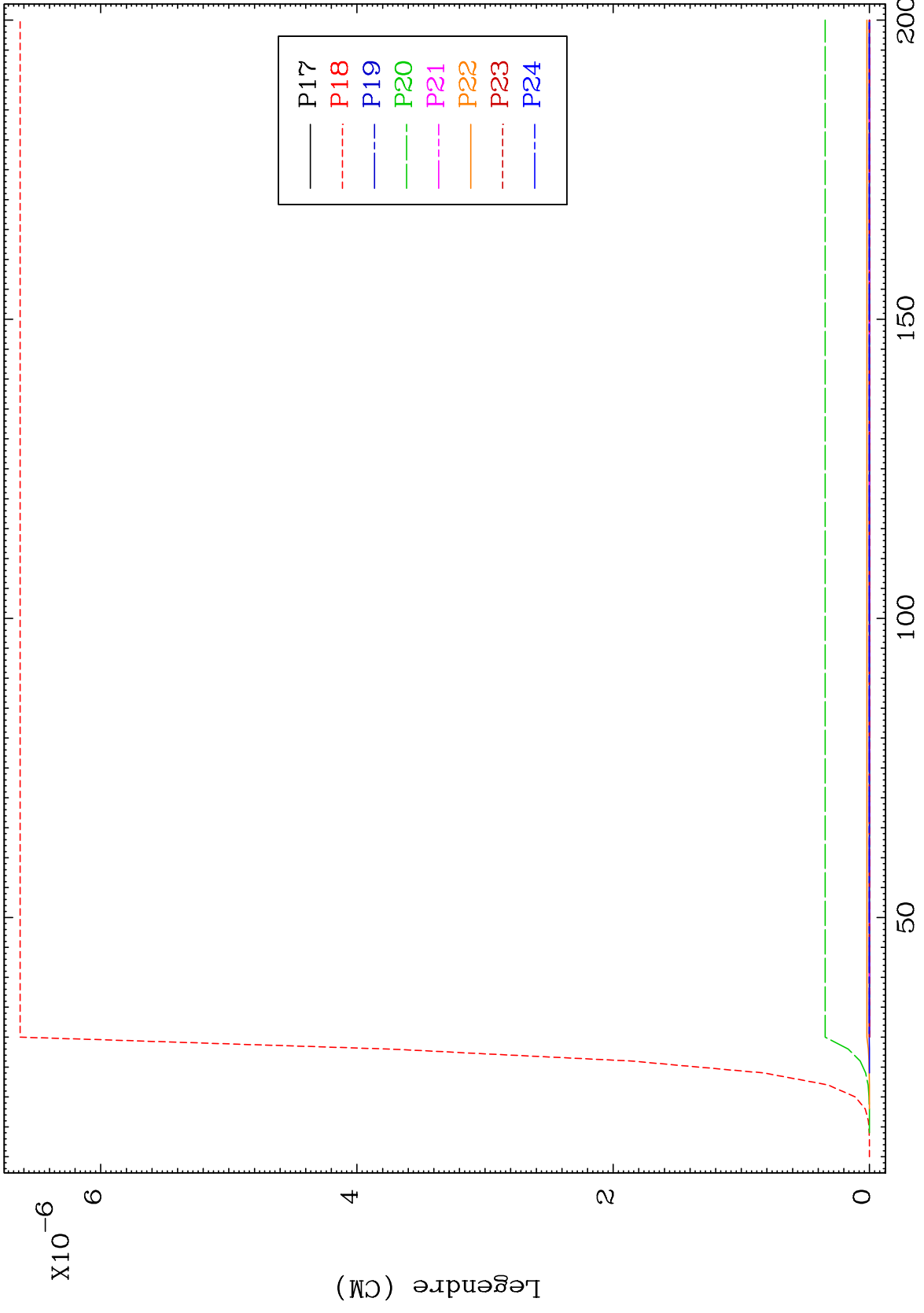
45 49-In-110

MAT 4916 MT= 58 (n,n') Level Legendre Coefficients 49-In-110



46 Incident Energy (MeV) 49-In-110

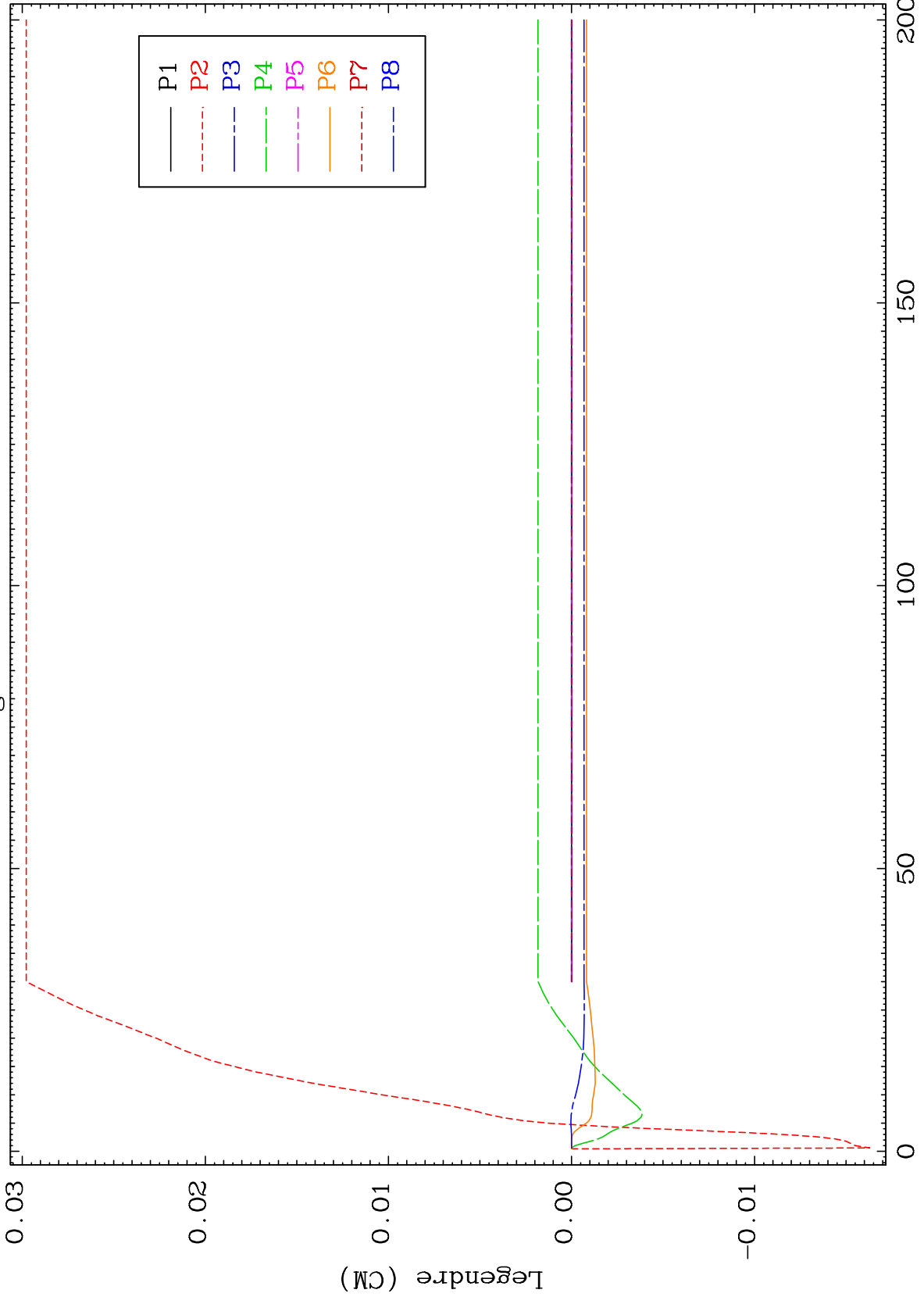
MAT 4916 MT= 58 (n,n') Level Legendre Coefficients 49-In-110



47 Incident Energy (MeV) 49-In-110

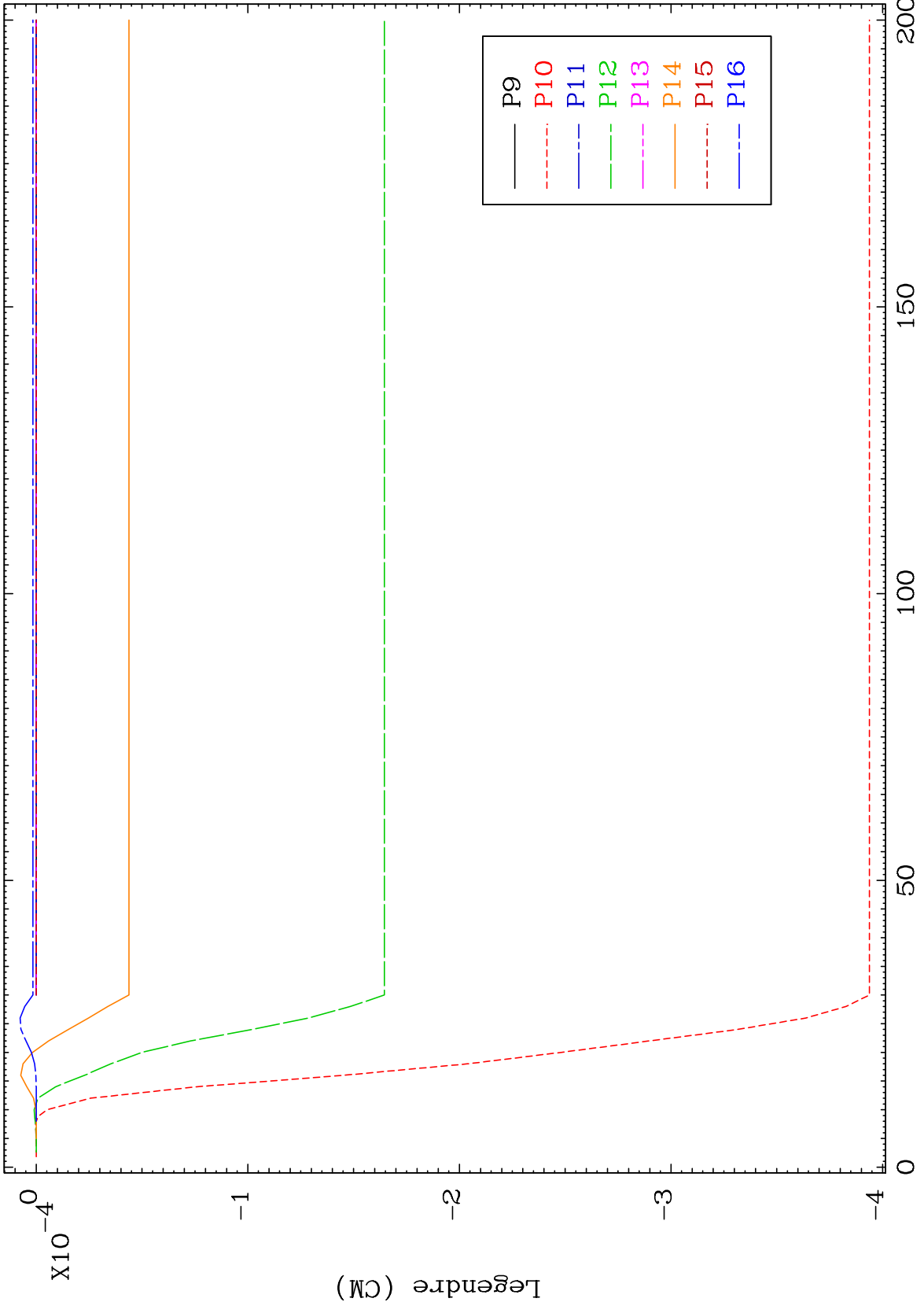


MAT 4916 MT= 59 (n,n') Level Legendre Coefficients 49-In-110



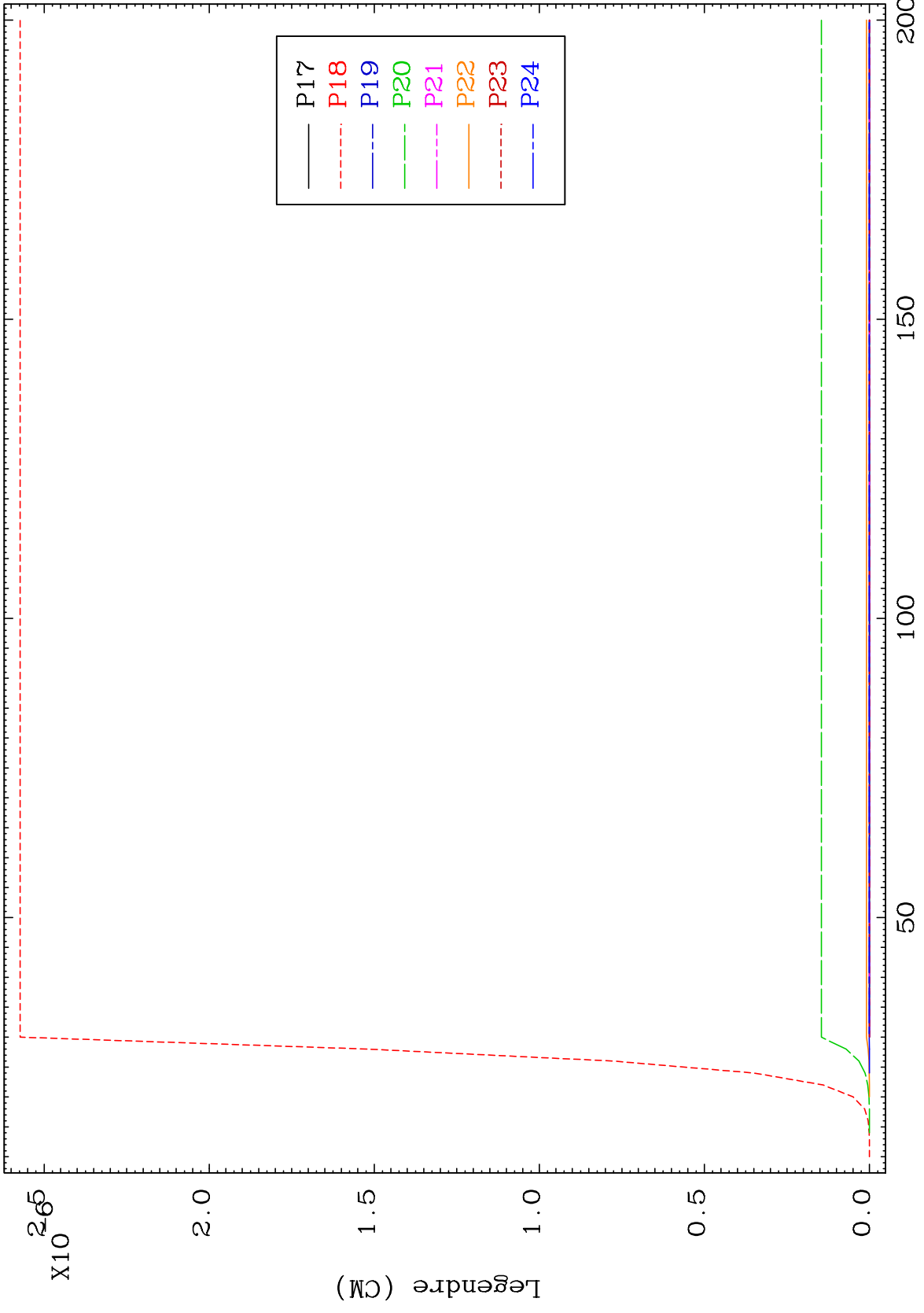
48 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 59 (n,n') Level Legendre Coefficients 49-In-110



49-In-110

MAT 4916 MT= 59 (n,n') Level Legendre Coefficients 49-In-110

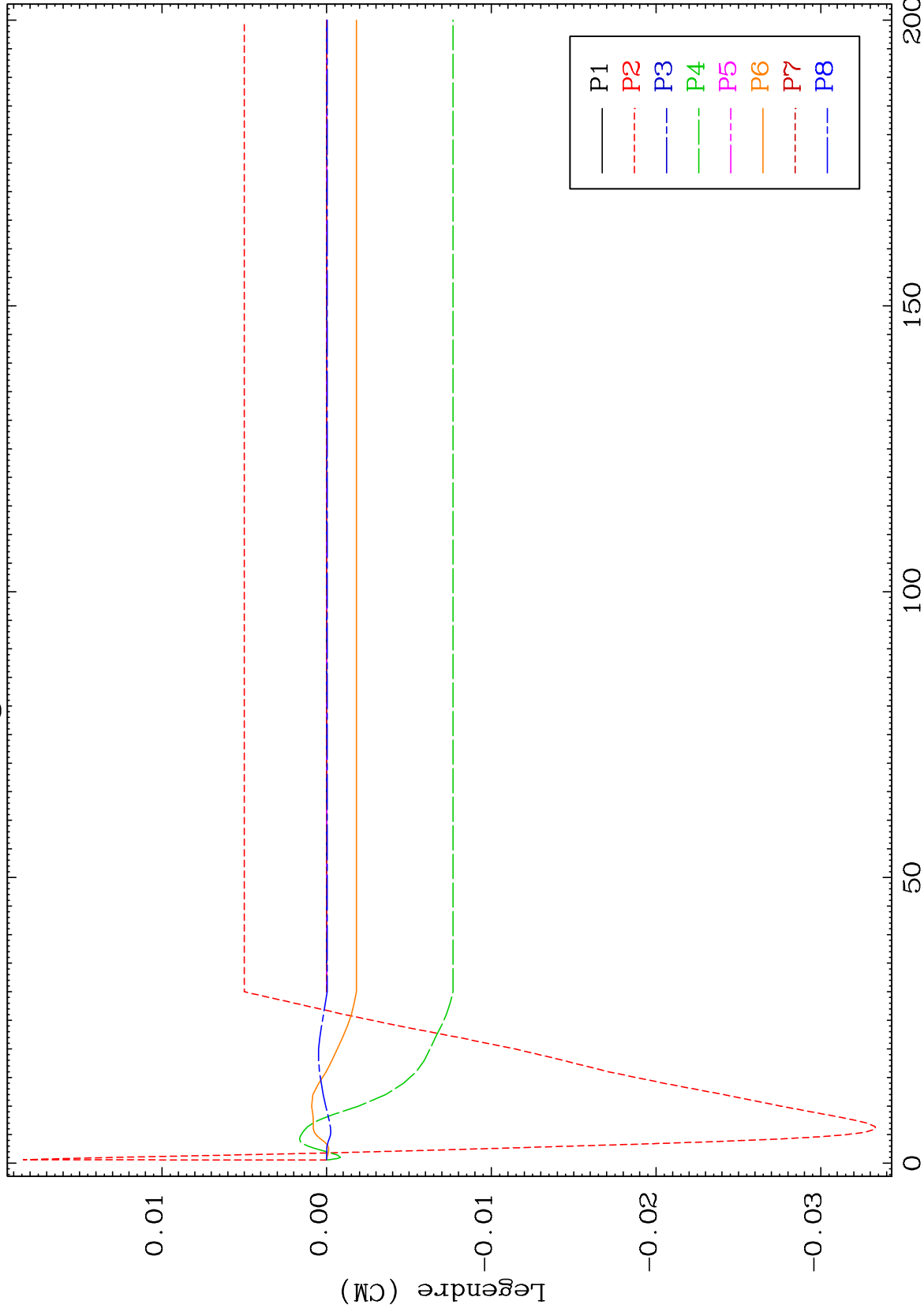


49-In-110

MAT 4916

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

49-In-110



51

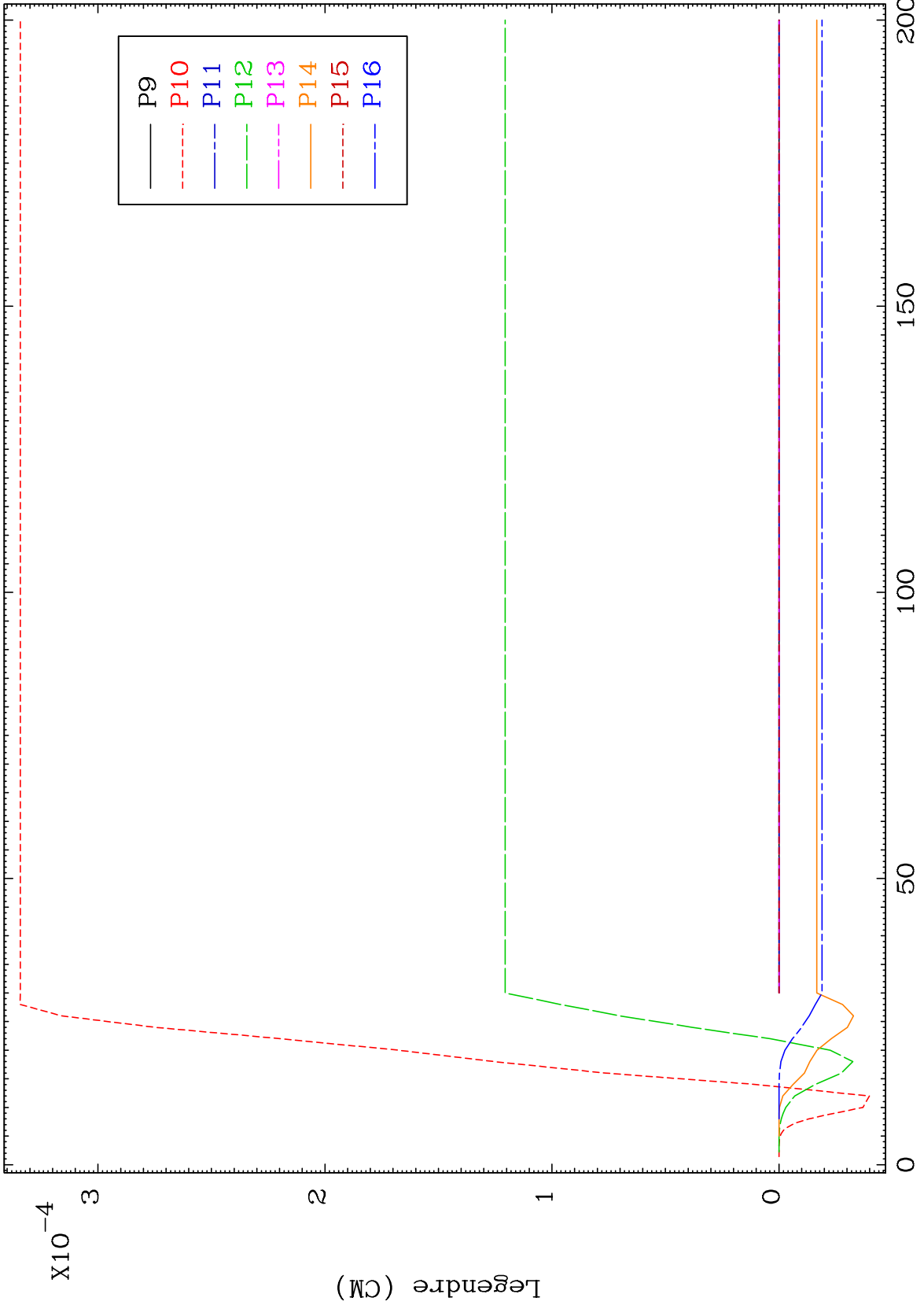
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110

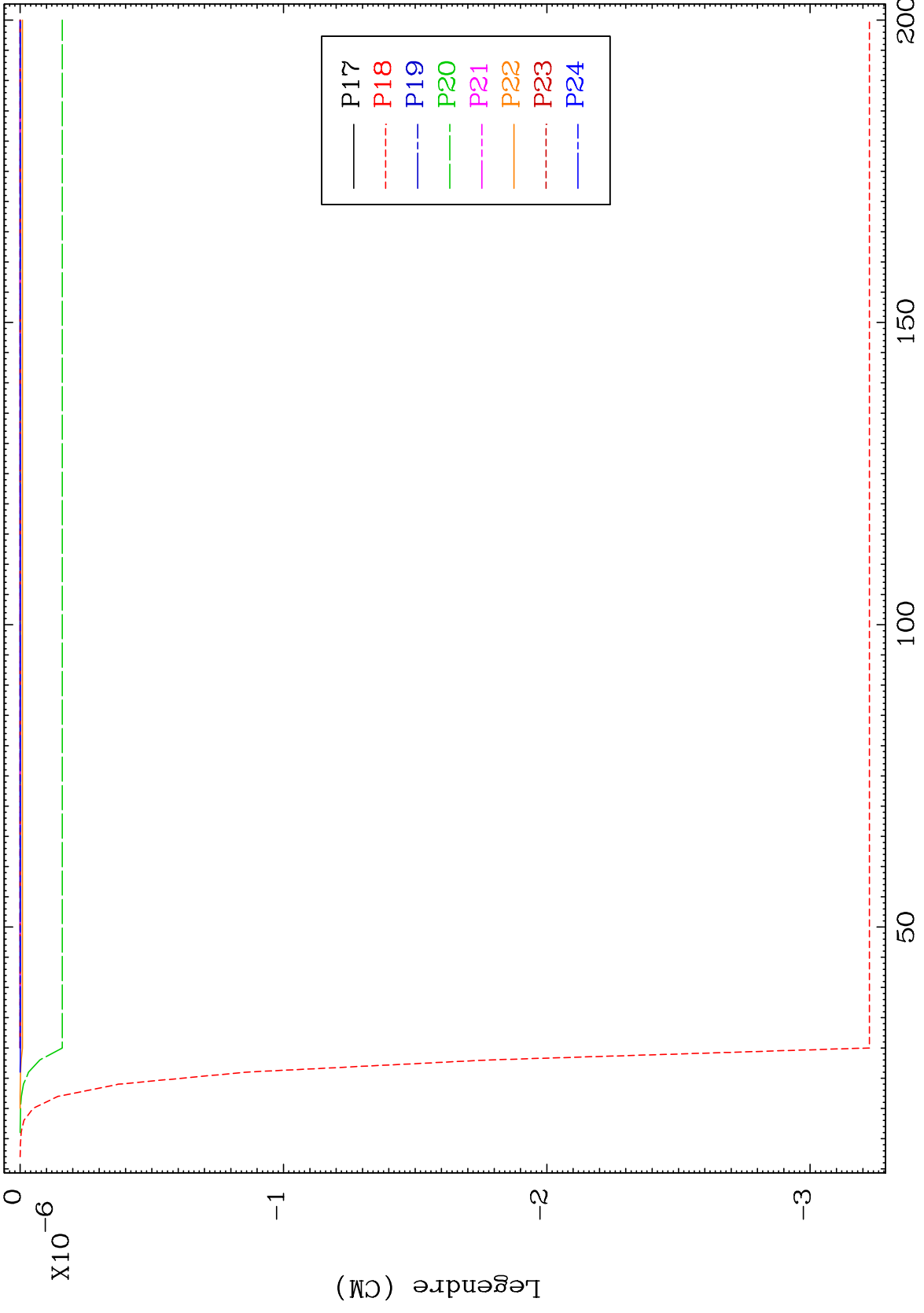


52

Incident Energy (MeV)

49-In-110

MAT 4916 MT= 60 (n,n') Level Legendre Coefficients 49-In-110

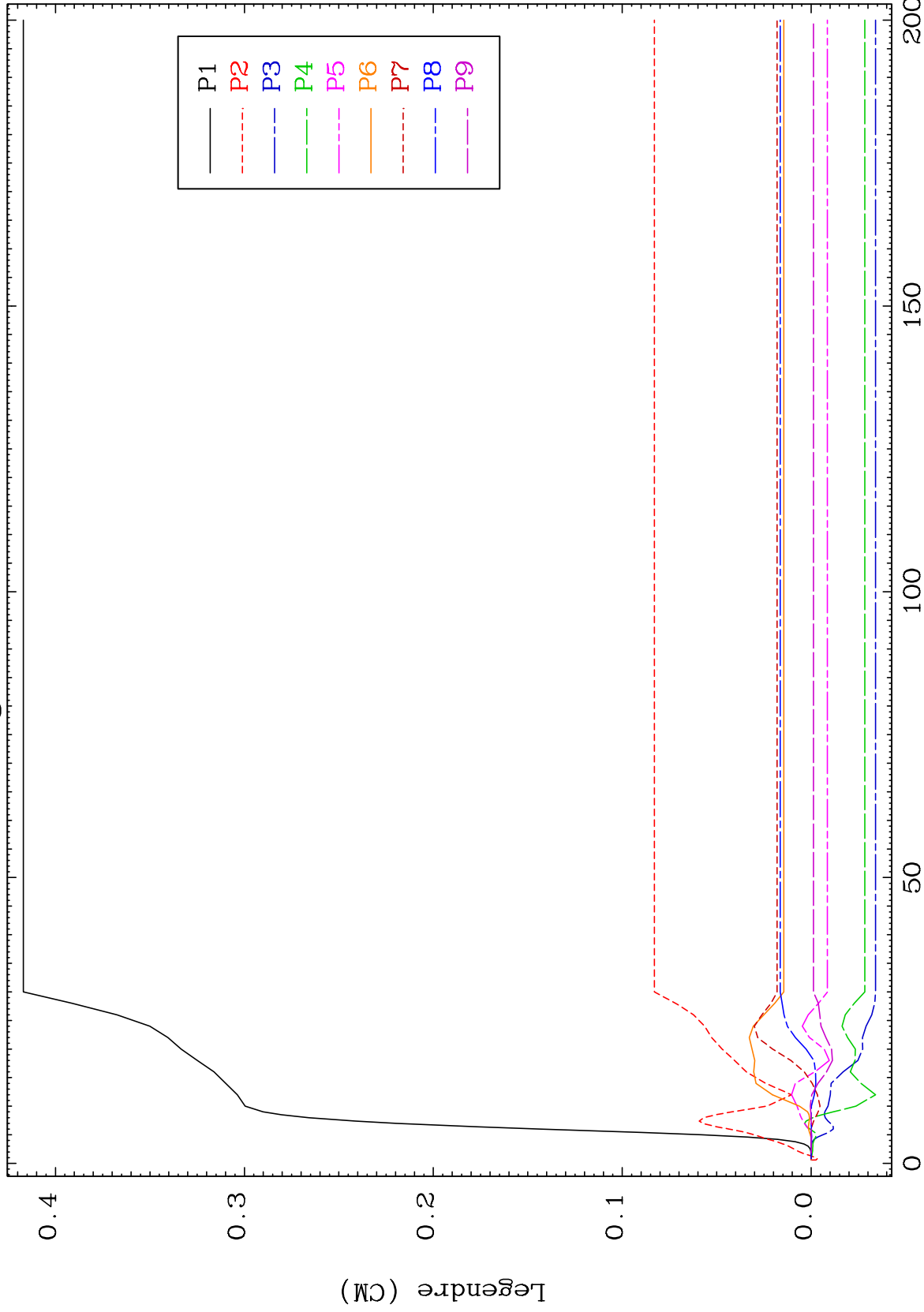


53 49-In-110

MAT 4916

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

49-In-110



54

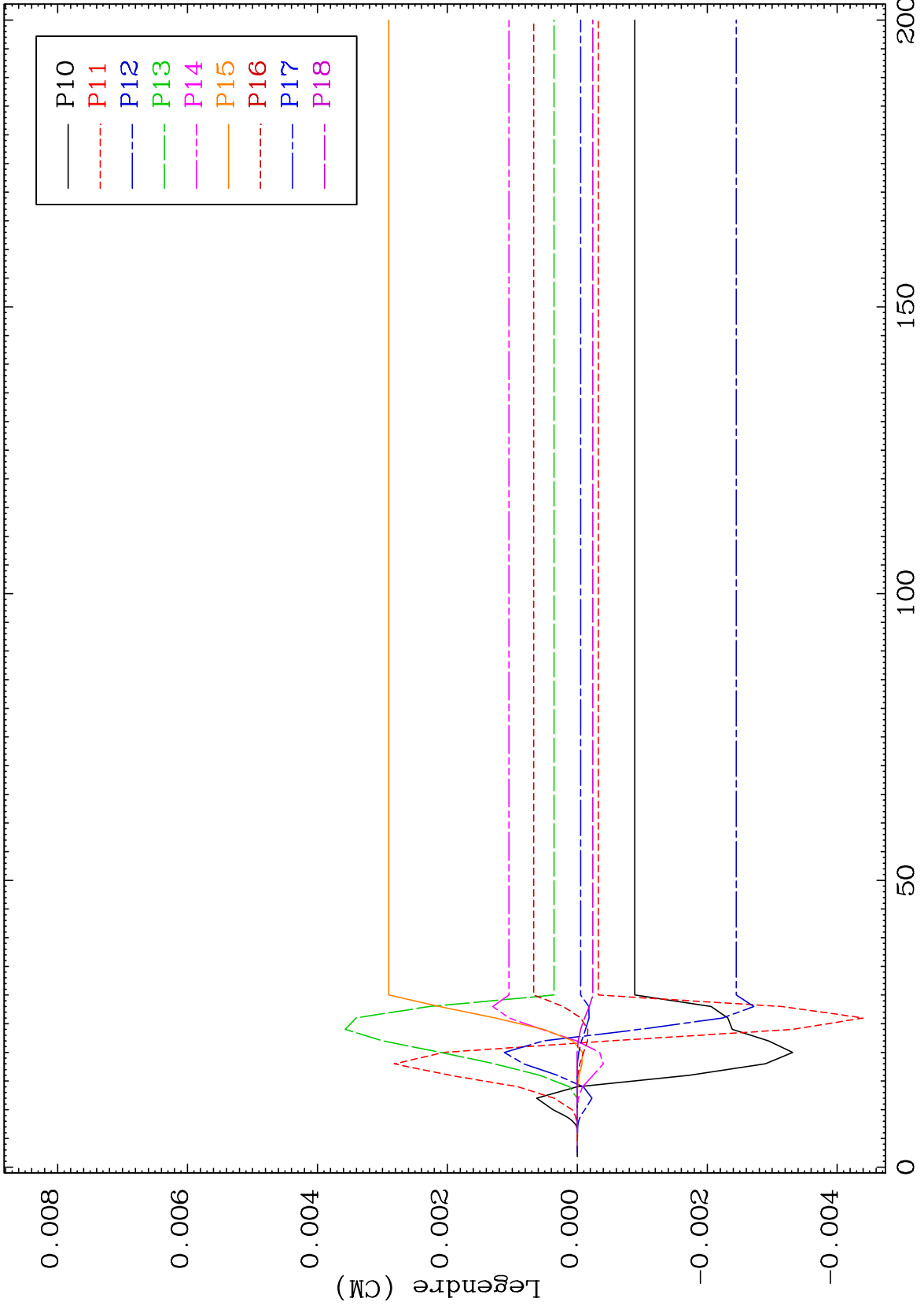
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



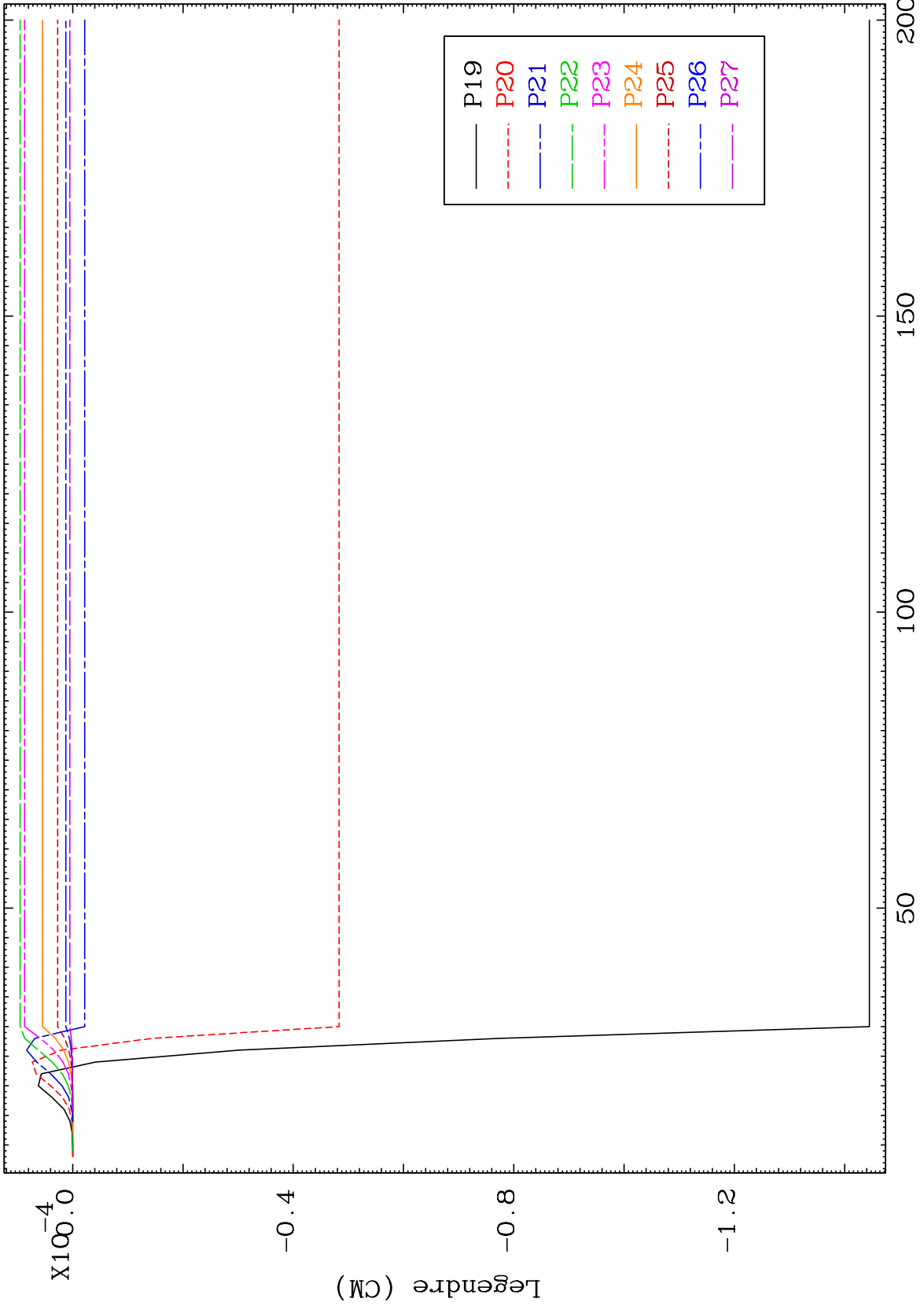
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Incident Energy (MeV)

49-In-110



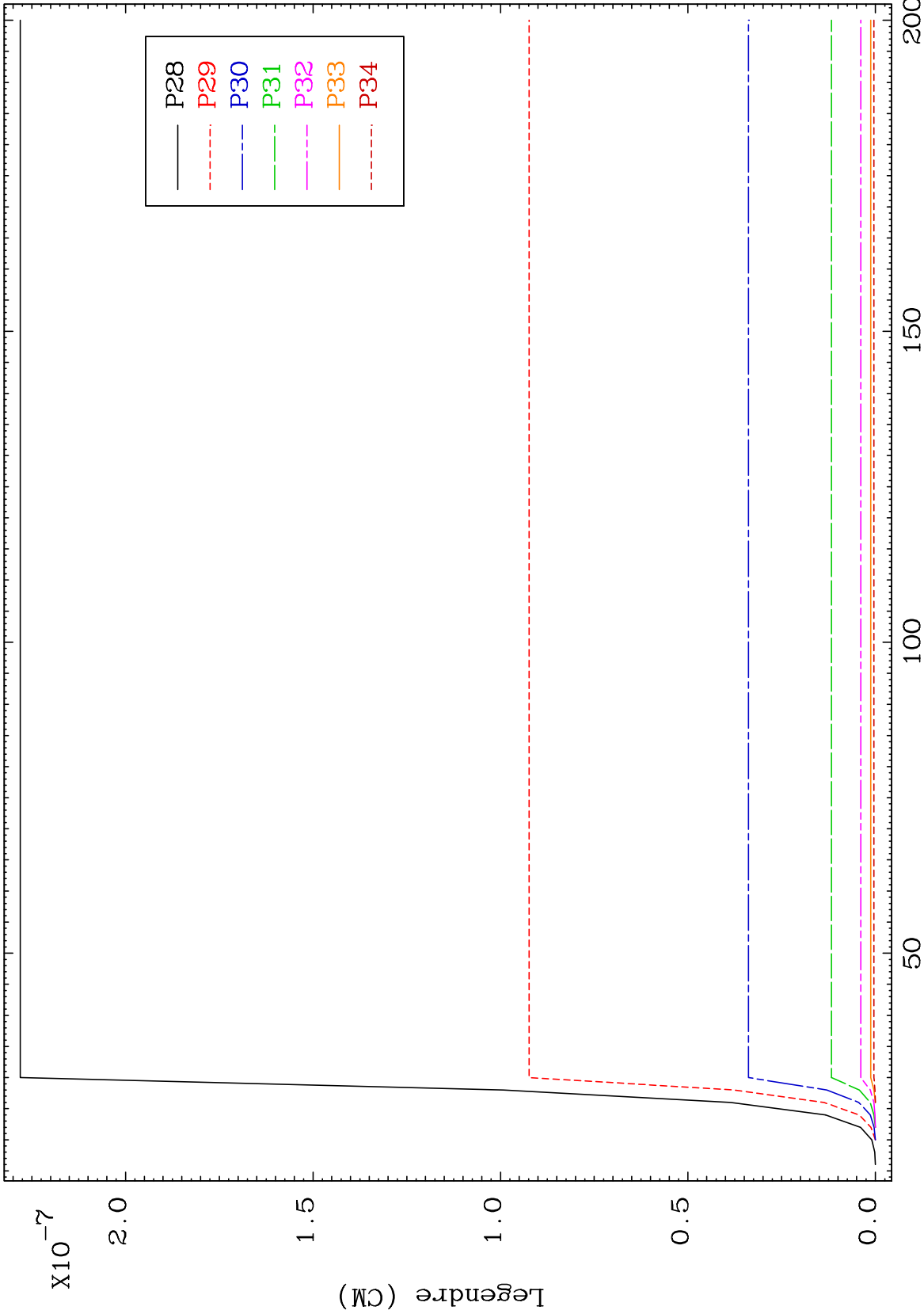
MAT 4916 MT= 61 (n,n') Level Legendre Coefficients 49-In-110



MAT 4916

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

49-In-110



57

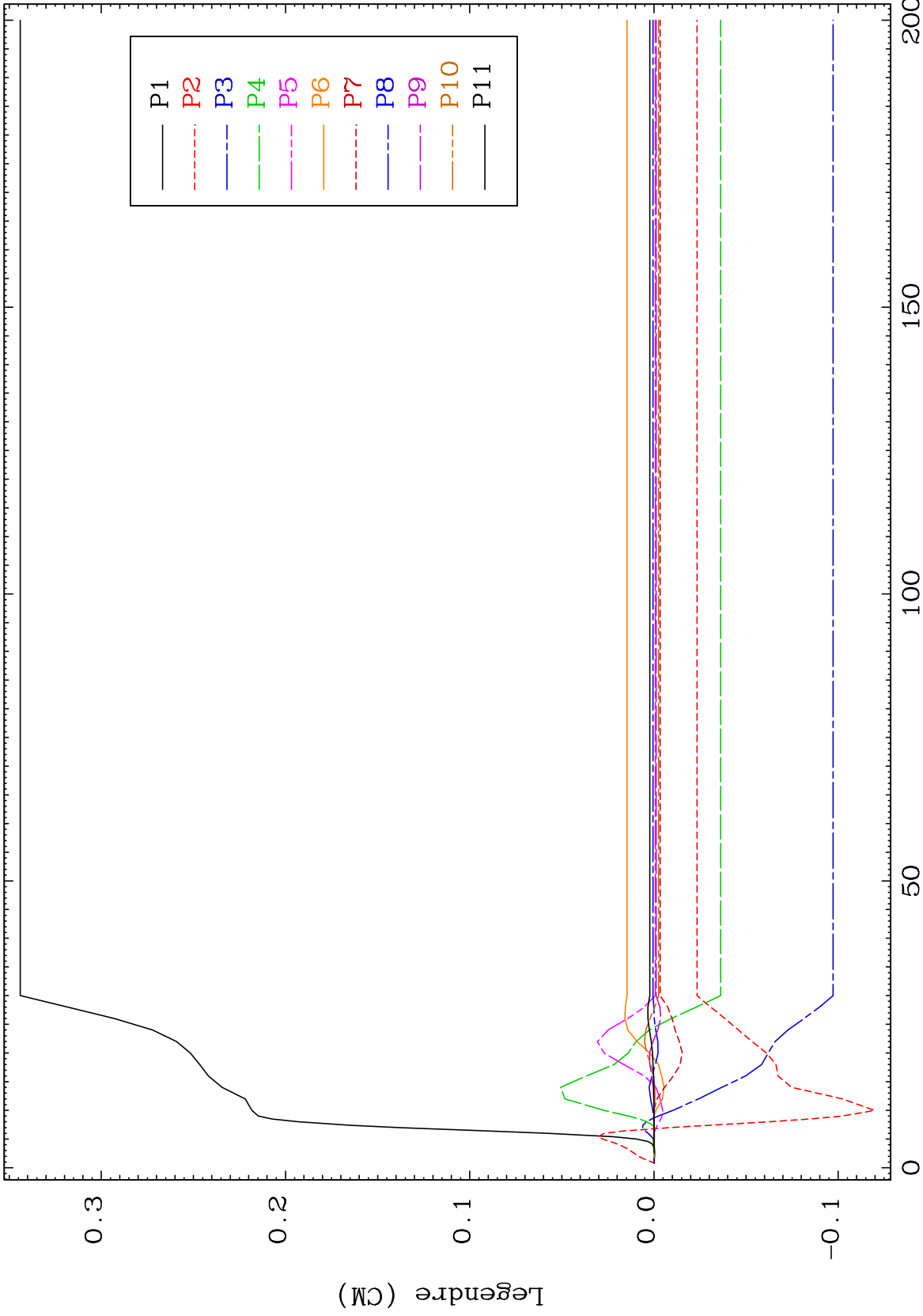
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



58

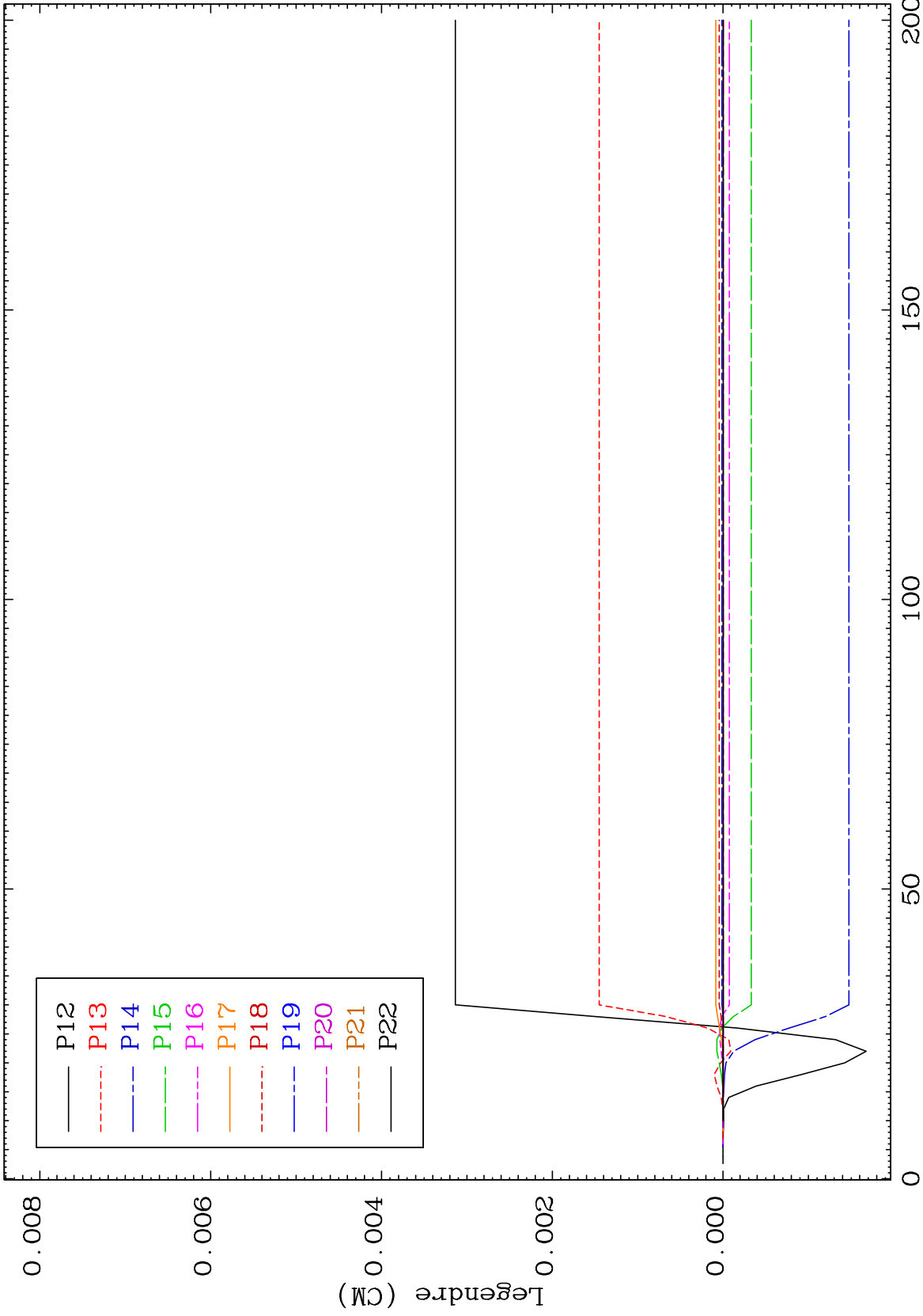
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



59

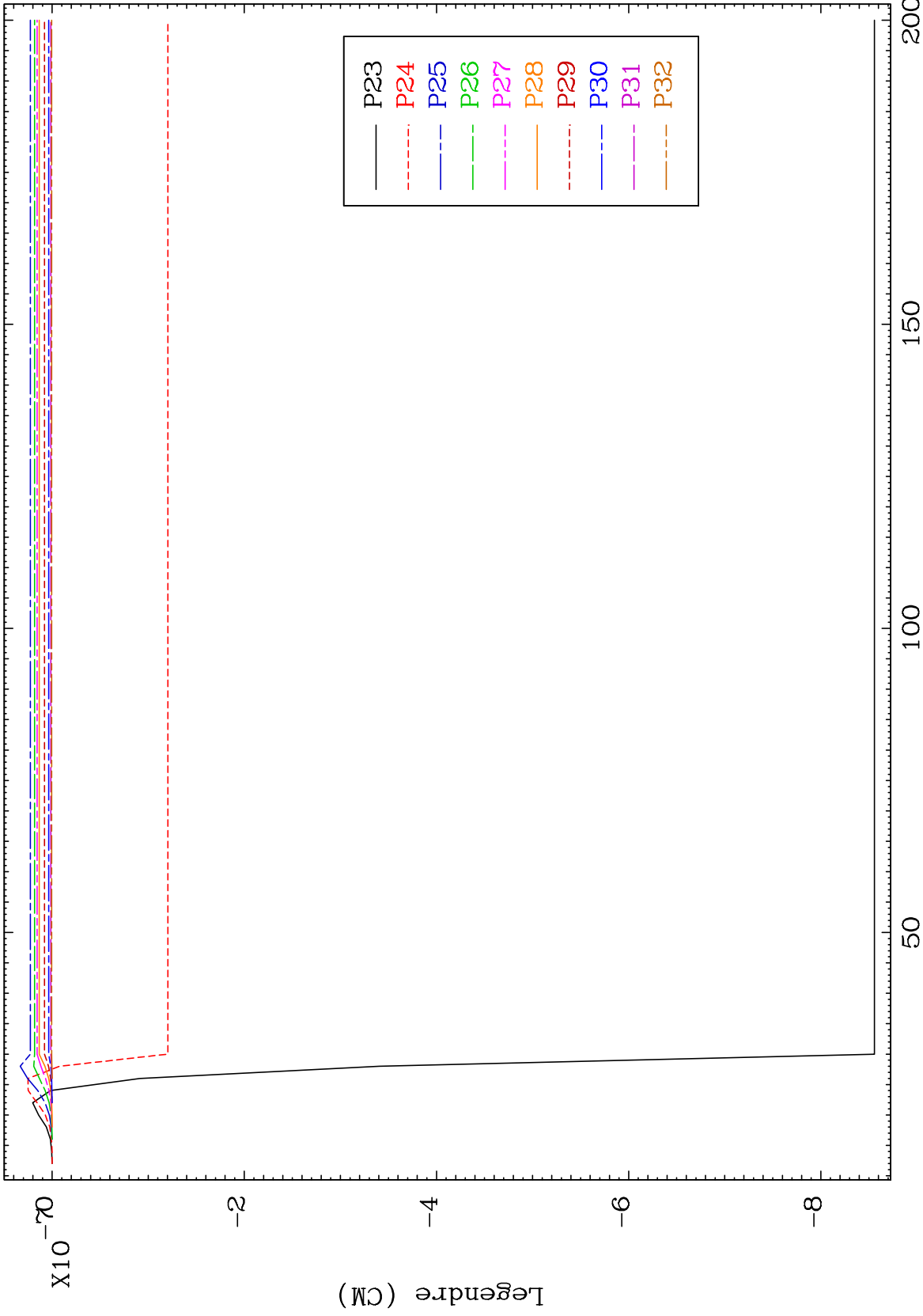
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110

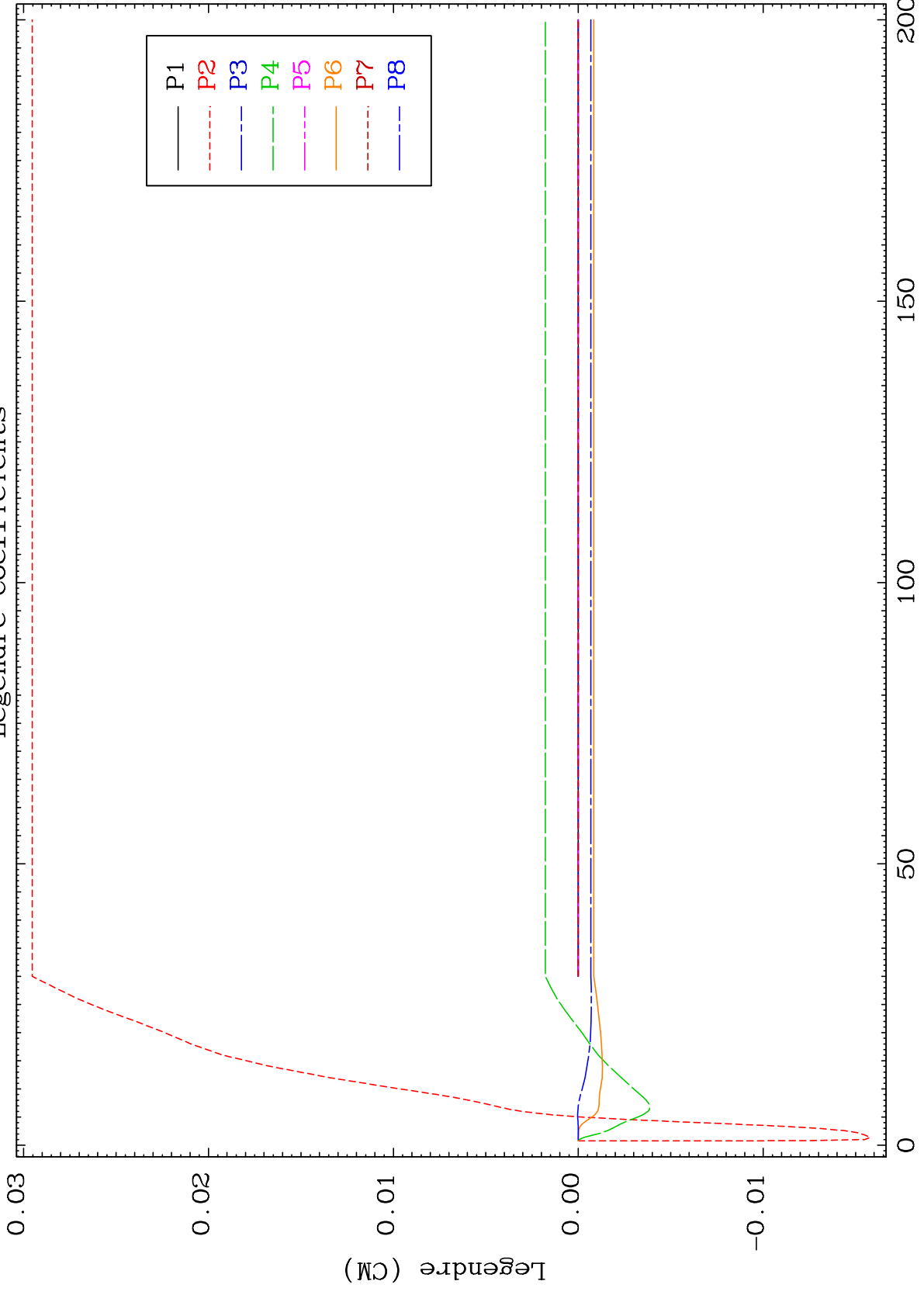


49-In-110

Incident Energy (MeV)

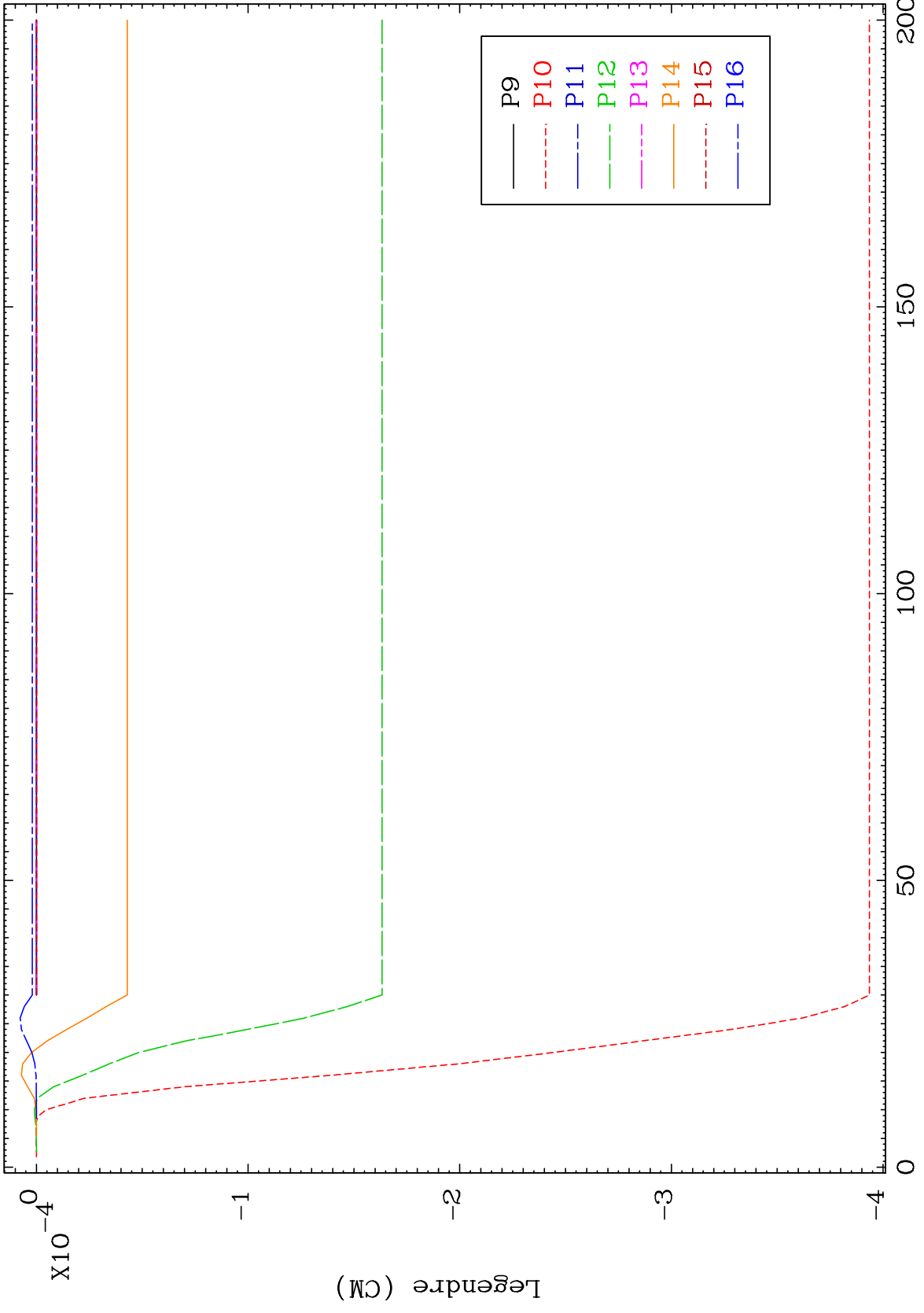
60

MAT 4916 MT= 63 (n,n') Level Legendre Coefficients 49-In-110



61 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 63 (n,n') Level Legendre Coefficients 49-In-110



62 49-In-110

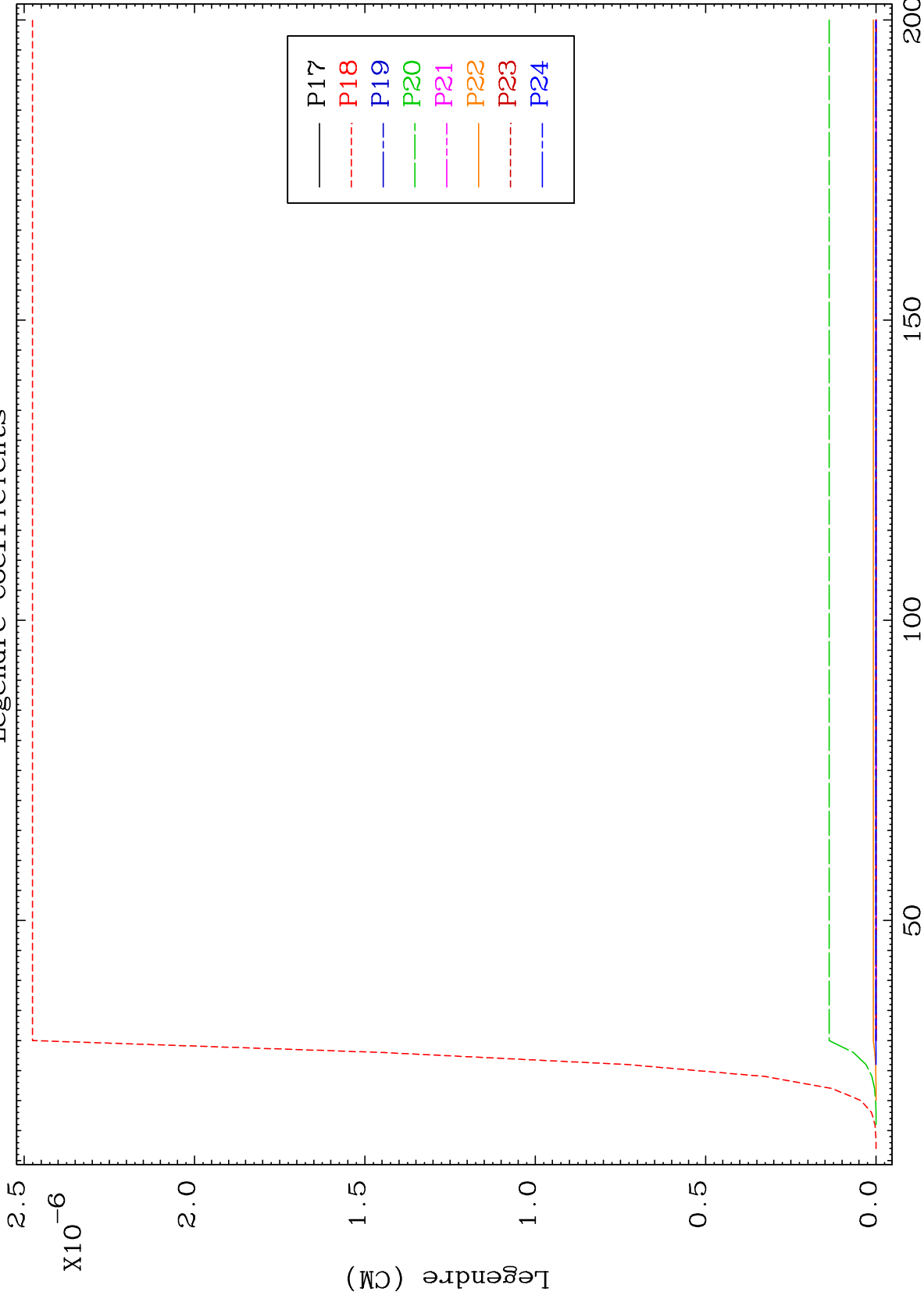
MAT 4916

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

49-In-110

Incident Energy (MeV)

63

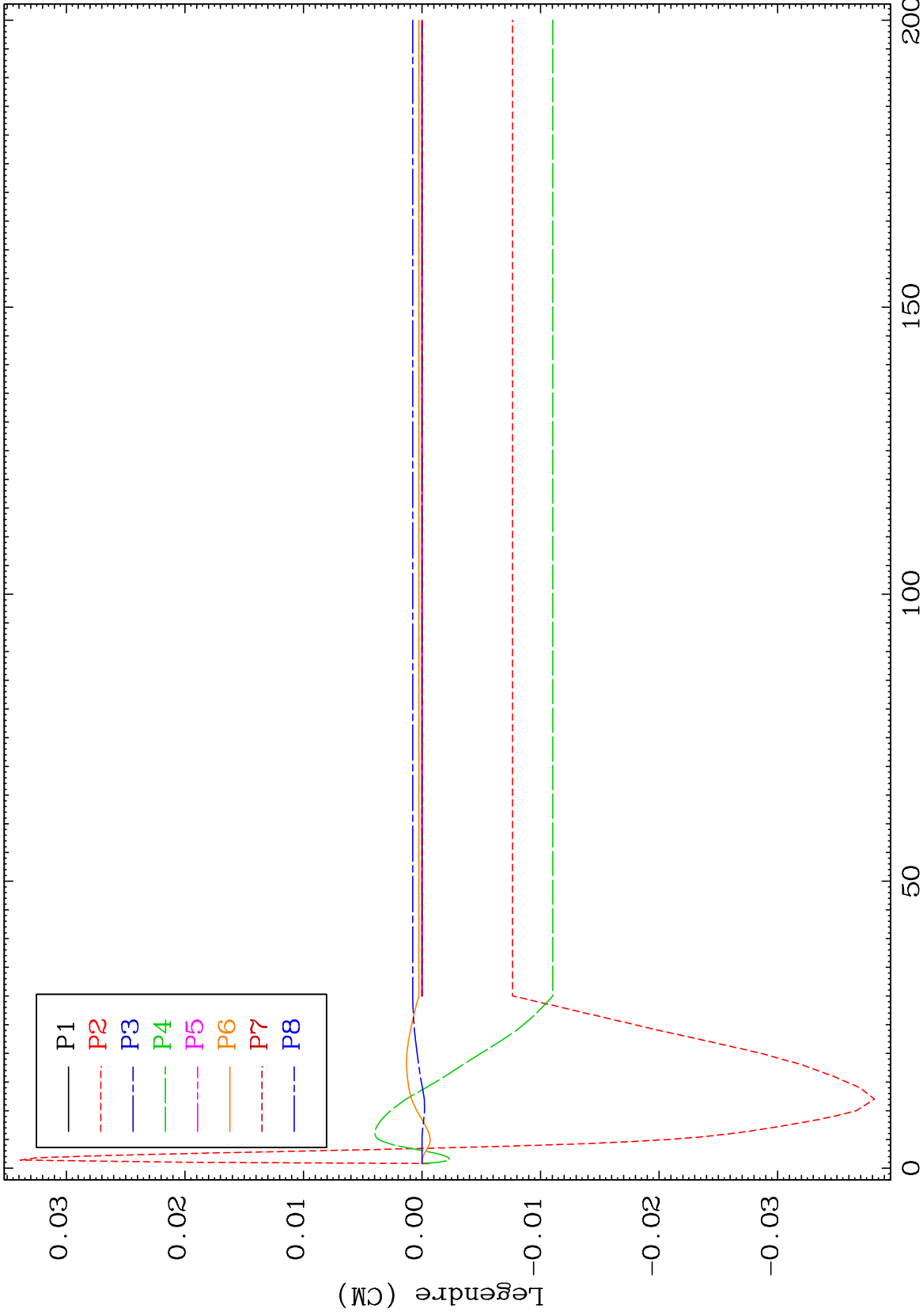




MAT 4916

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

49-In-110



64

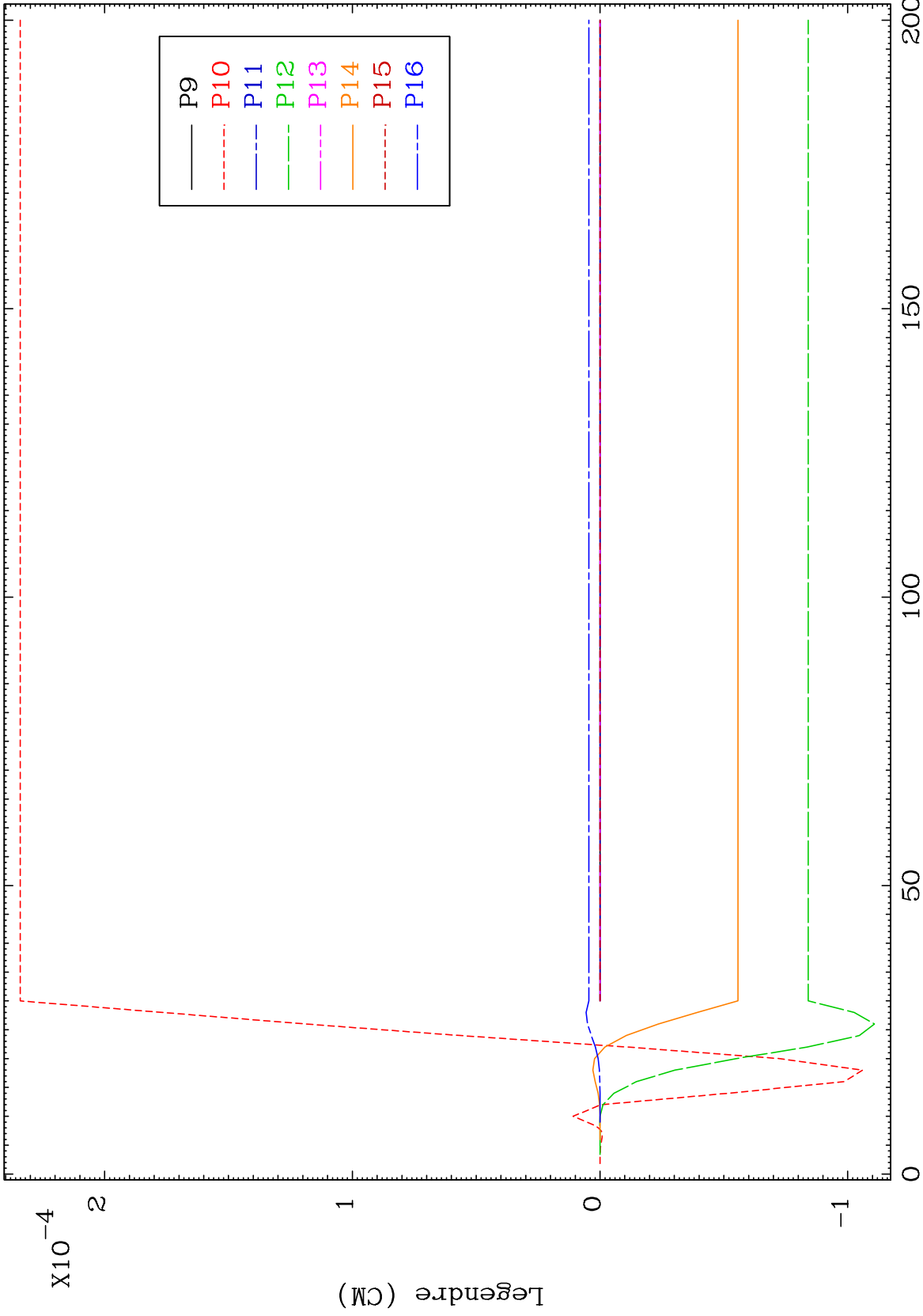
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110

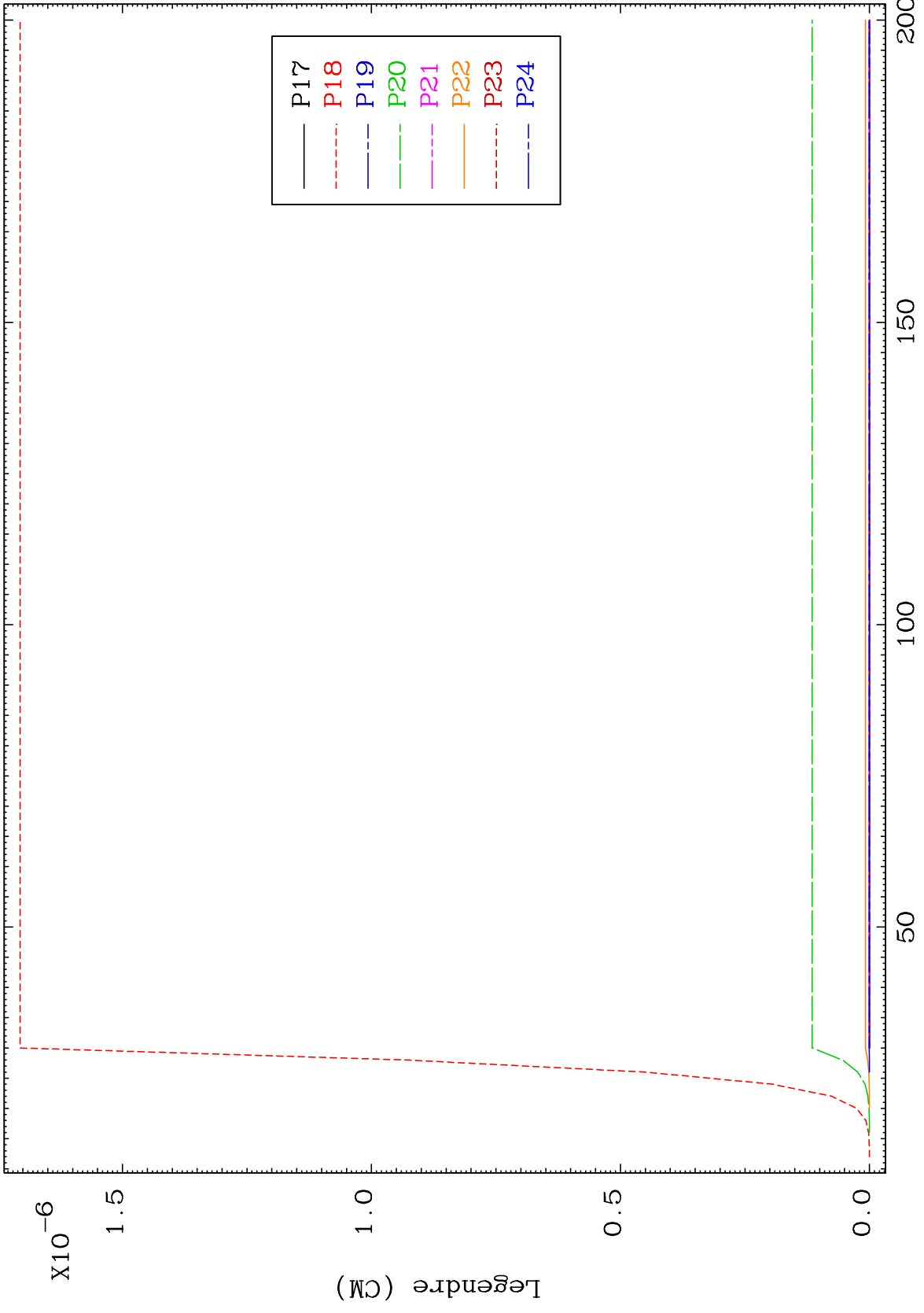


65

Incident Energy (MeV)

49-In-110

MAT 4916 MT= 64 (n,n') Level Legendre Coefficients 49-In-110

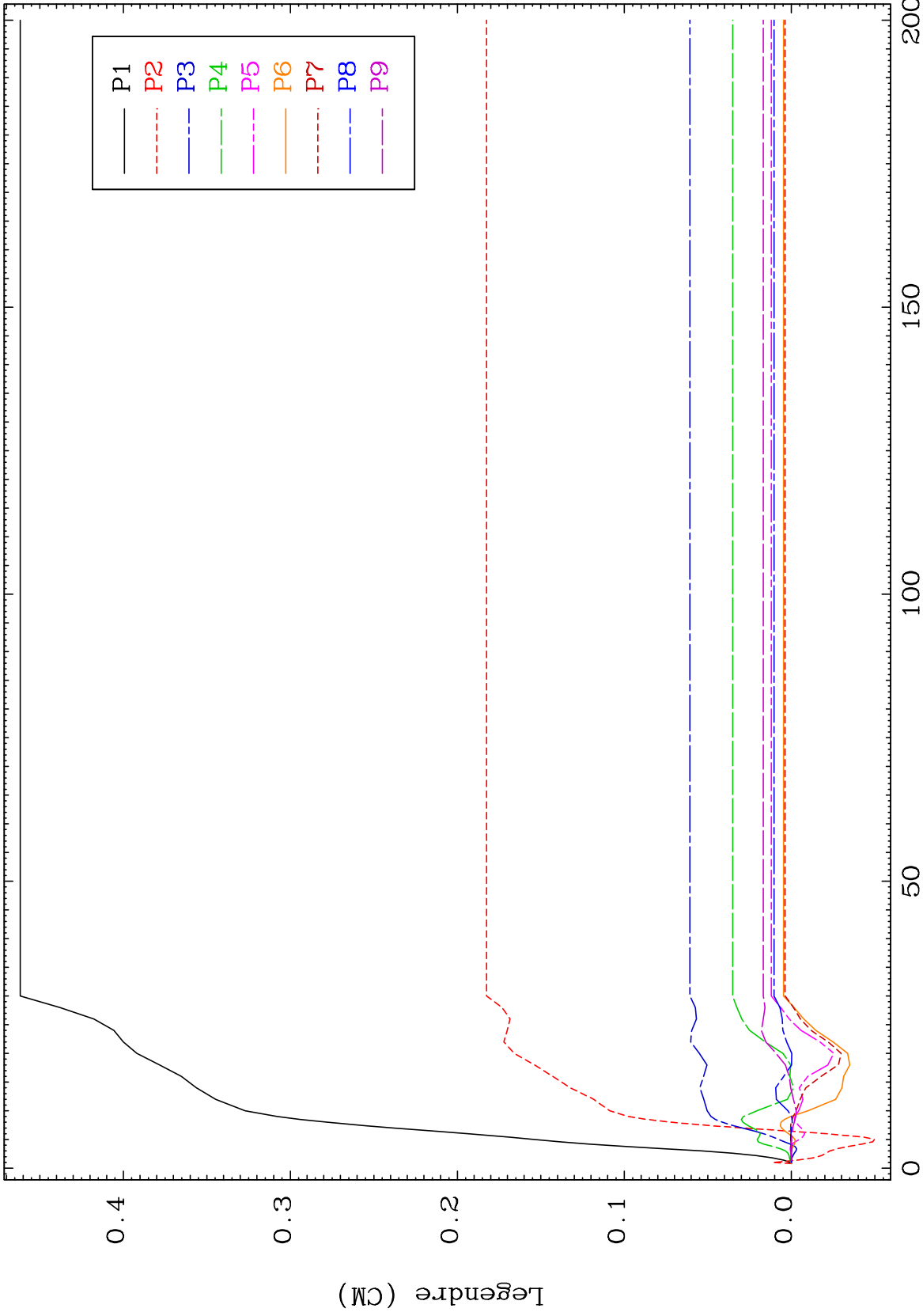


66 49-In-110

MAT 4916

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

49-In-110



67

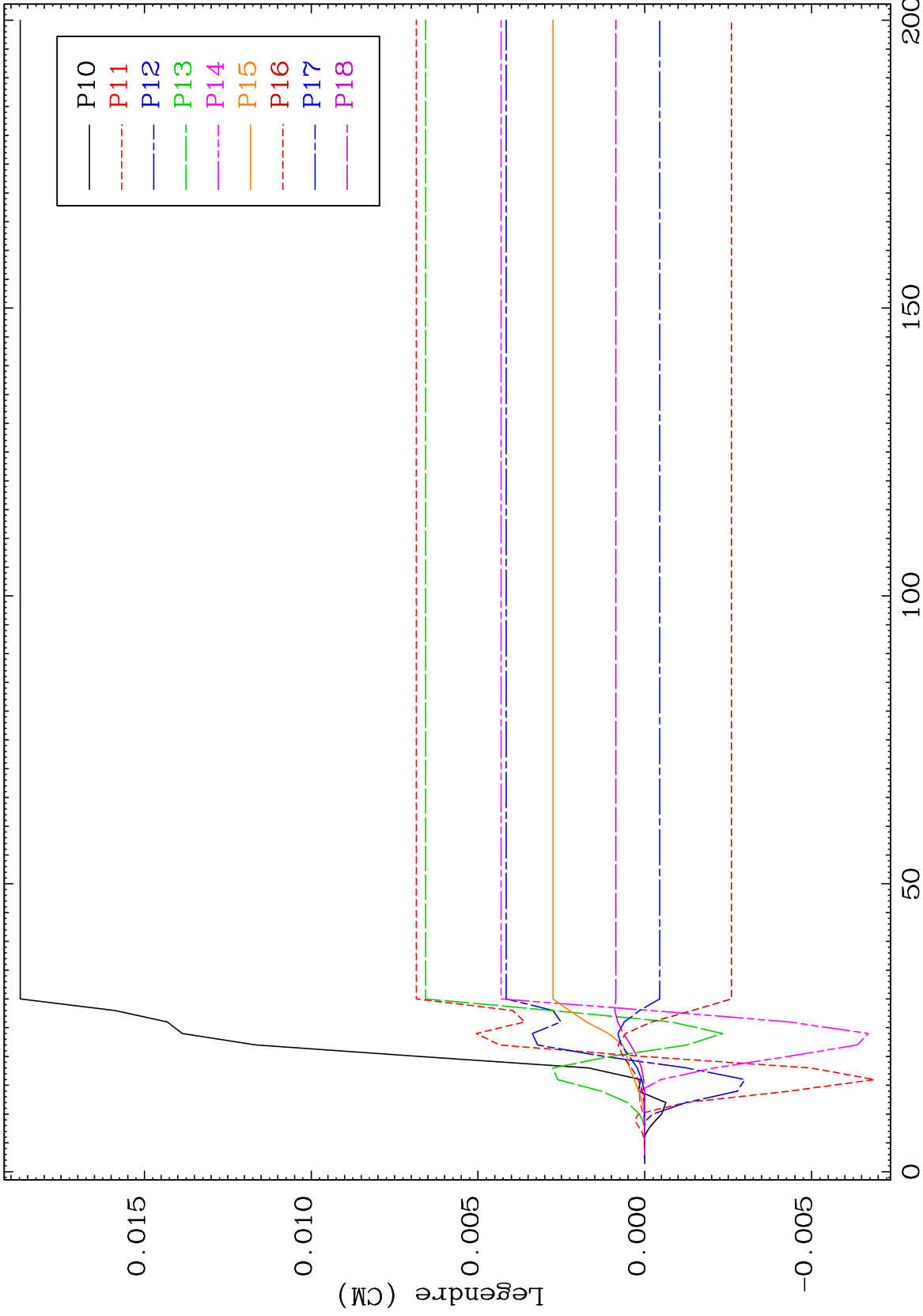
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



68

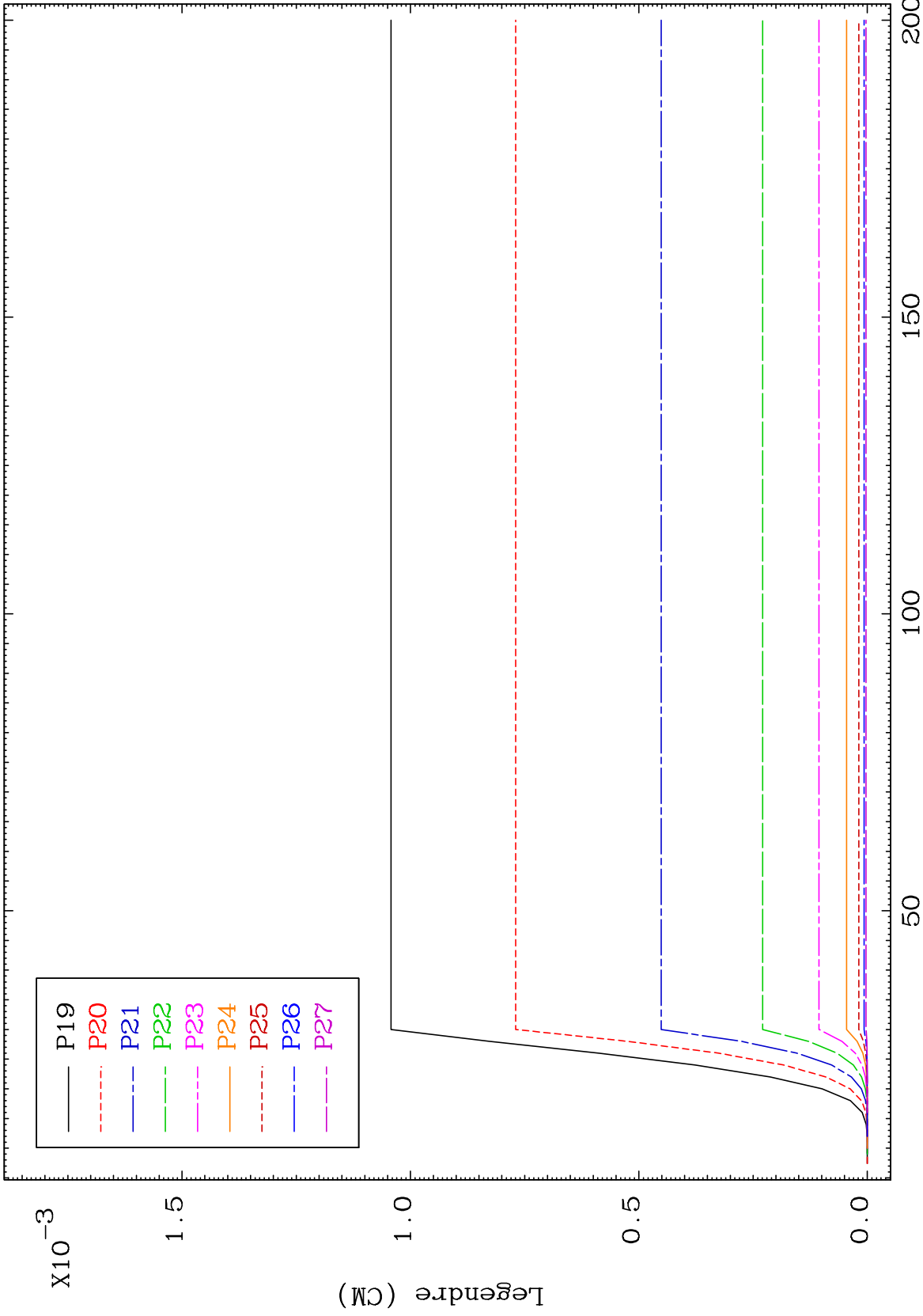
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



69

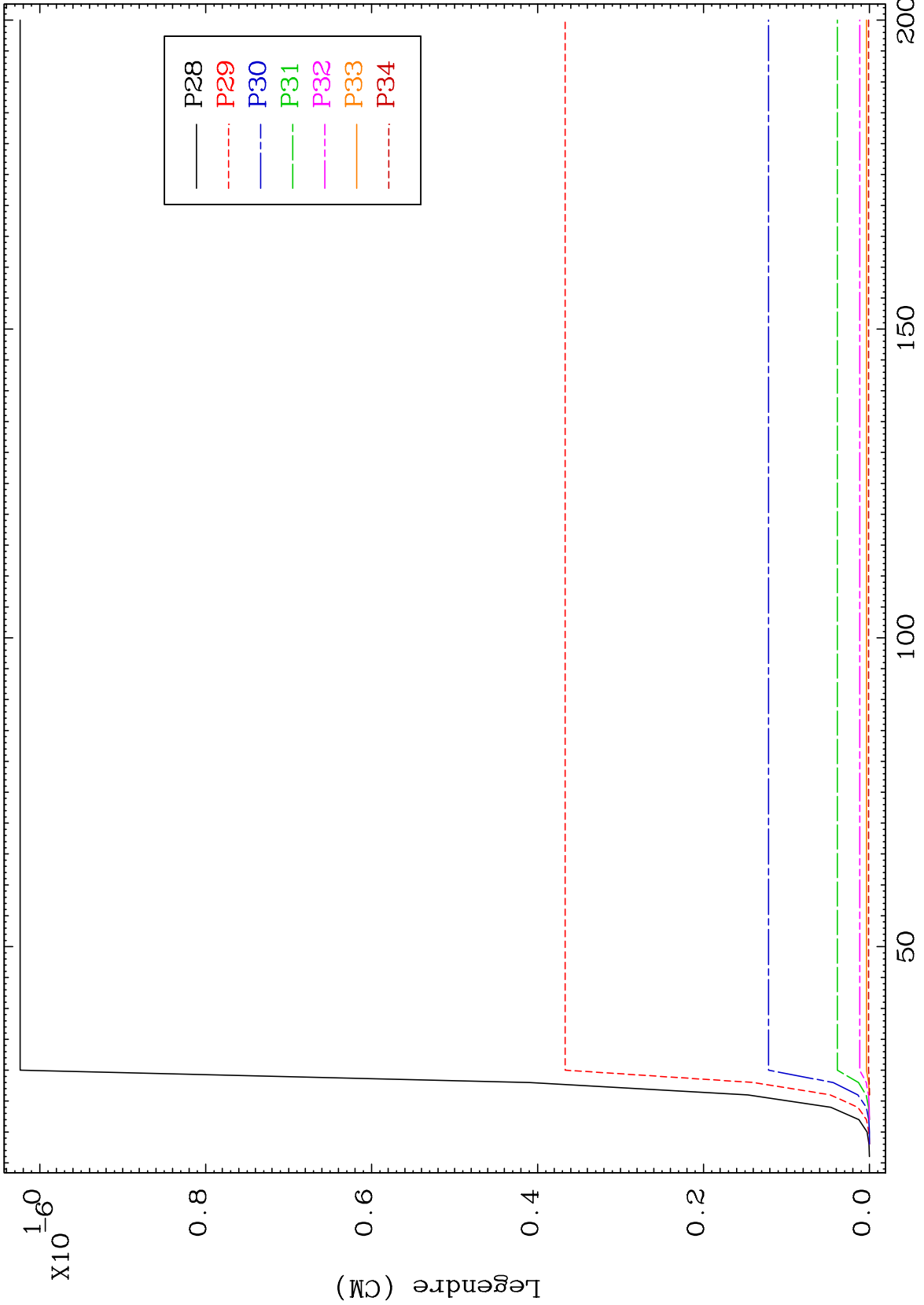
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



70

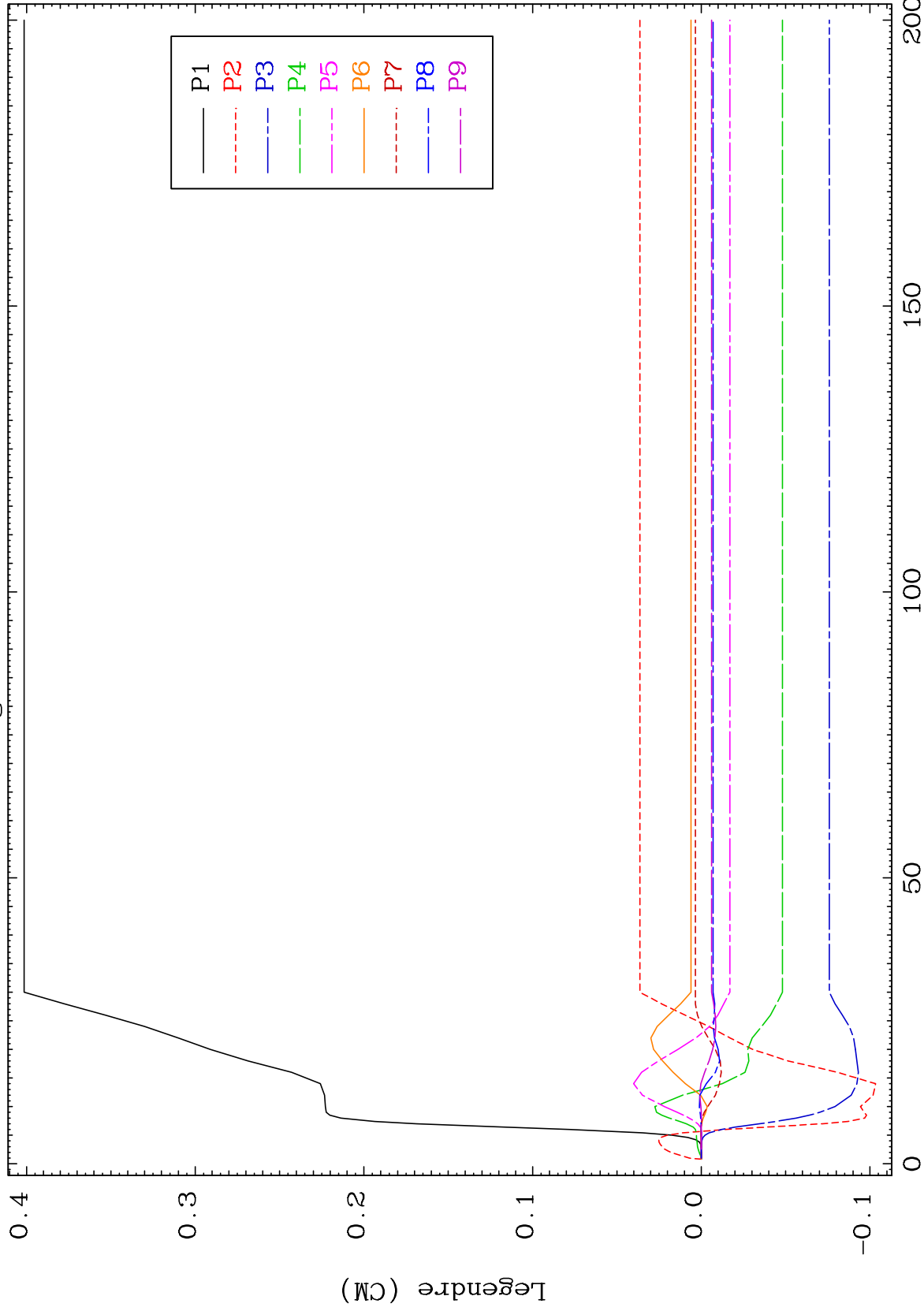
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



71

Incident Energy (MeV)

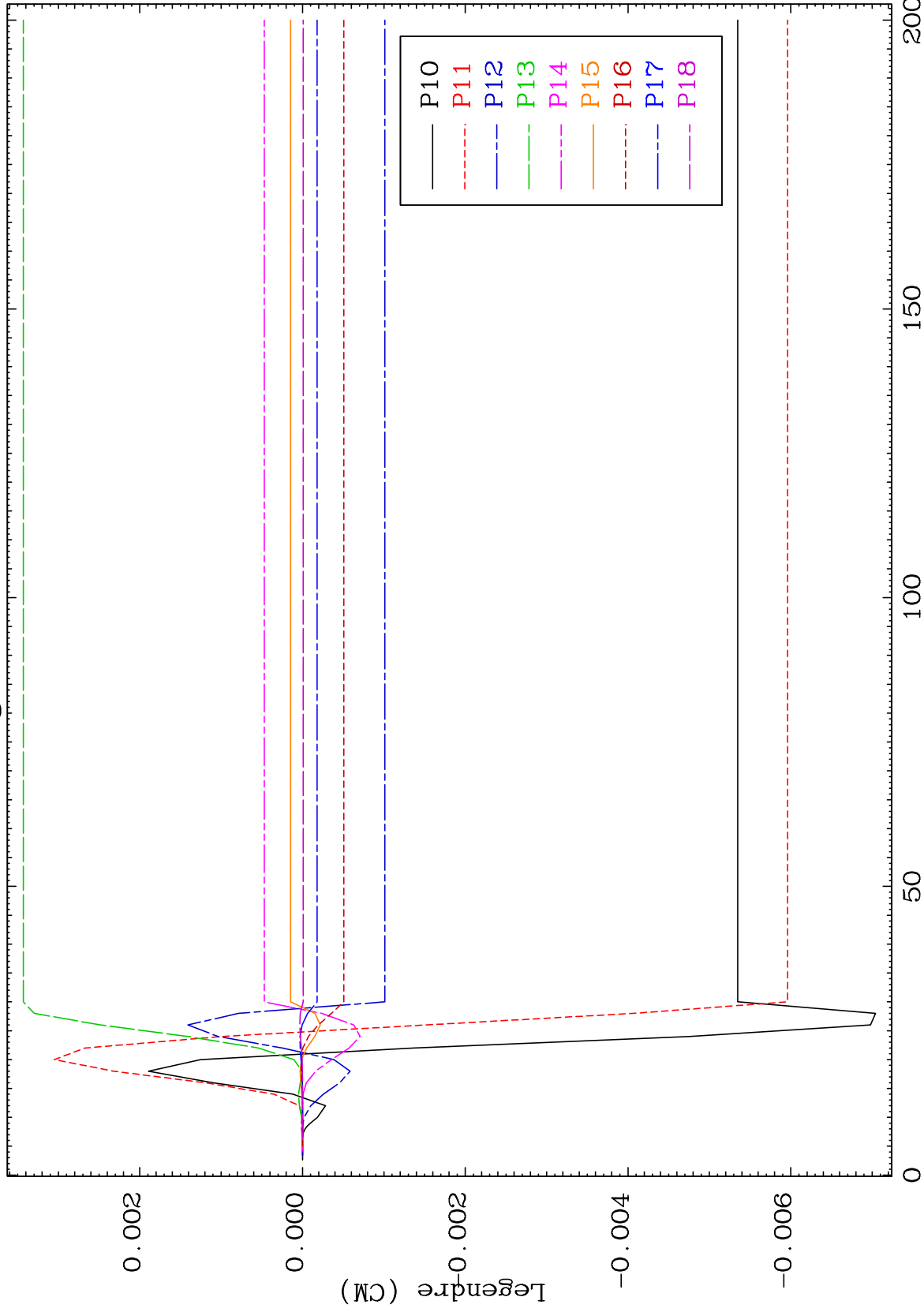
49-In-110



MAT 4916

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

49-In-110



72

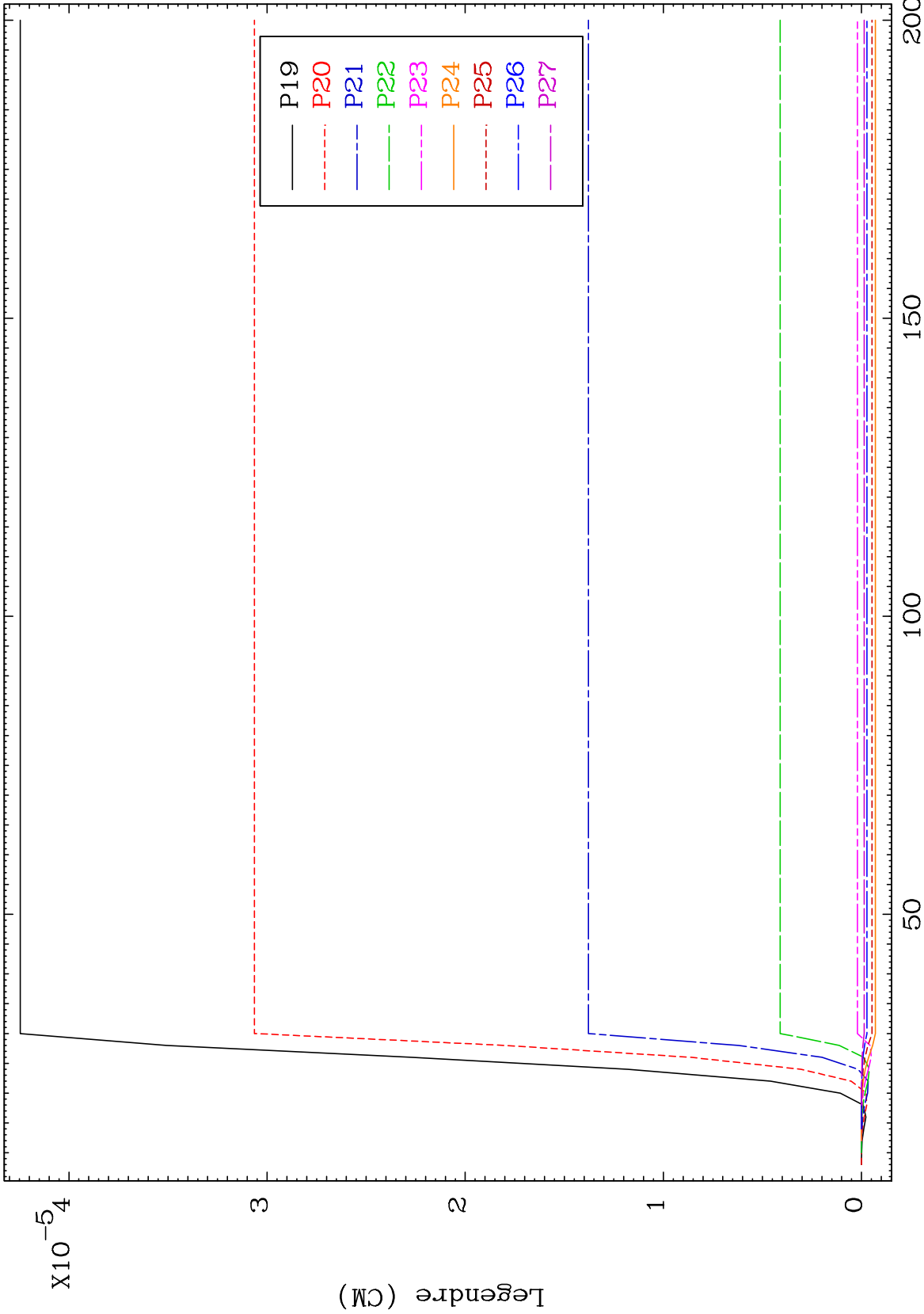
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



73

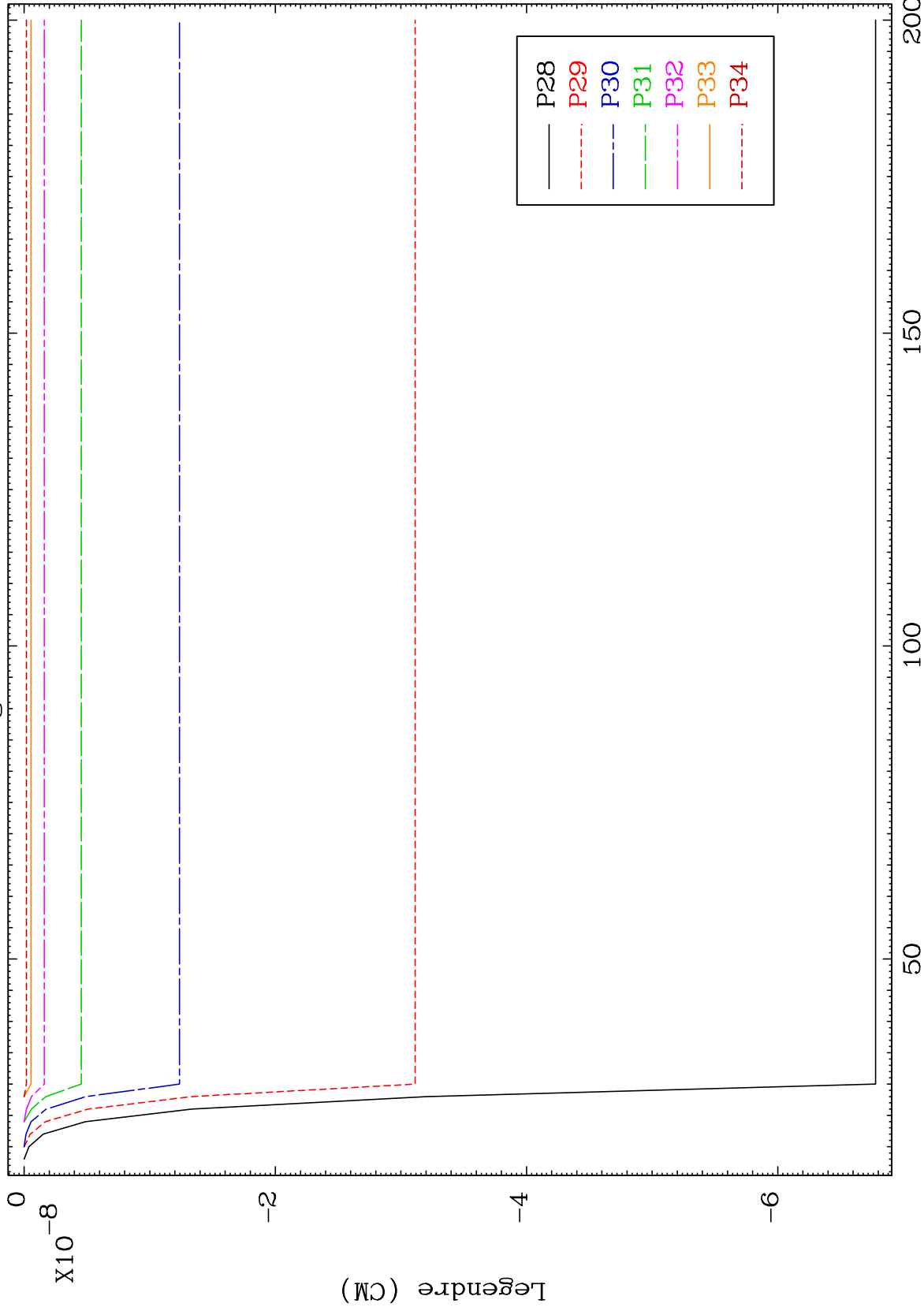
Incident Energy (MeV)

49-In-110

MAT 4916

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

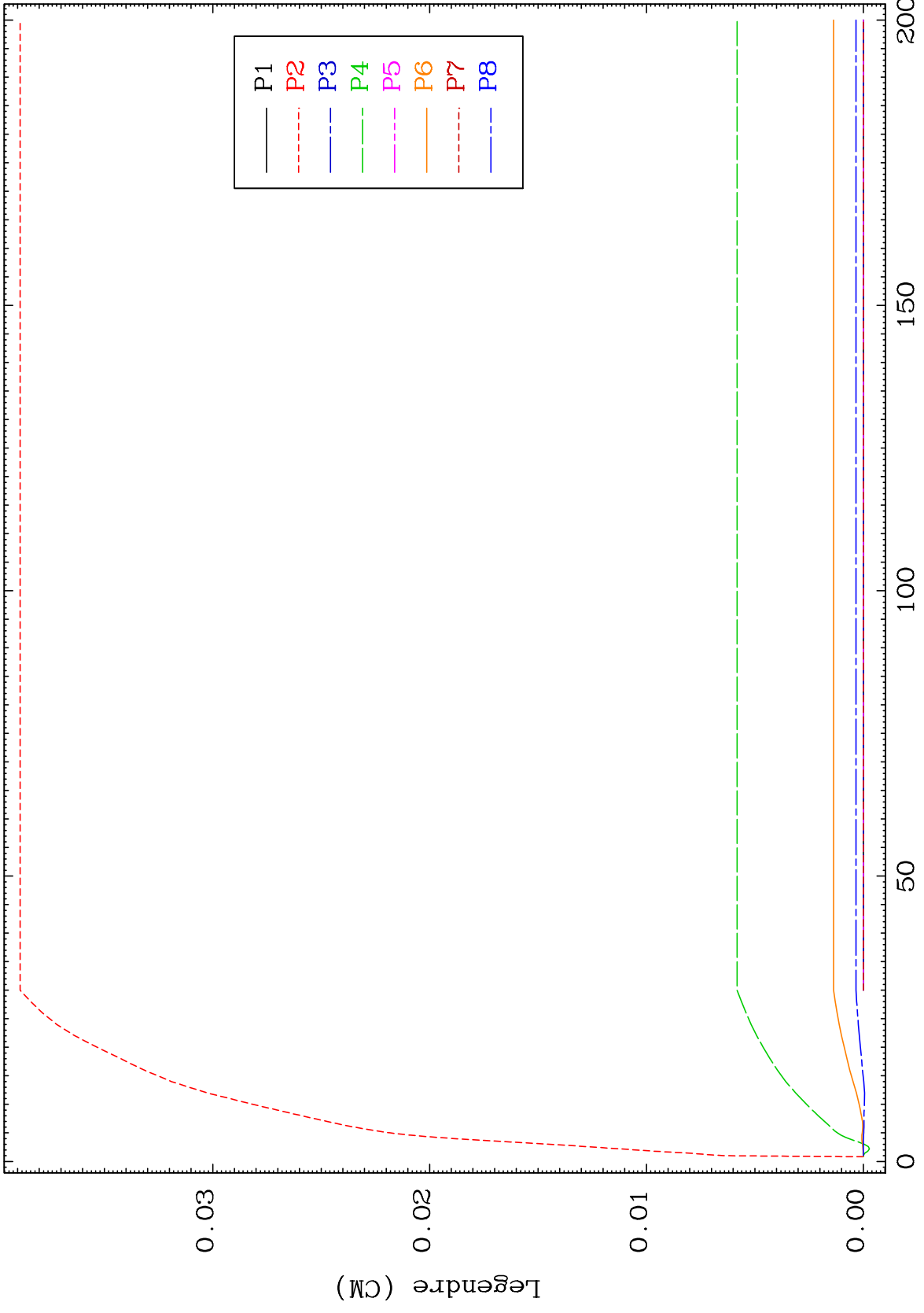
49-In-110



74

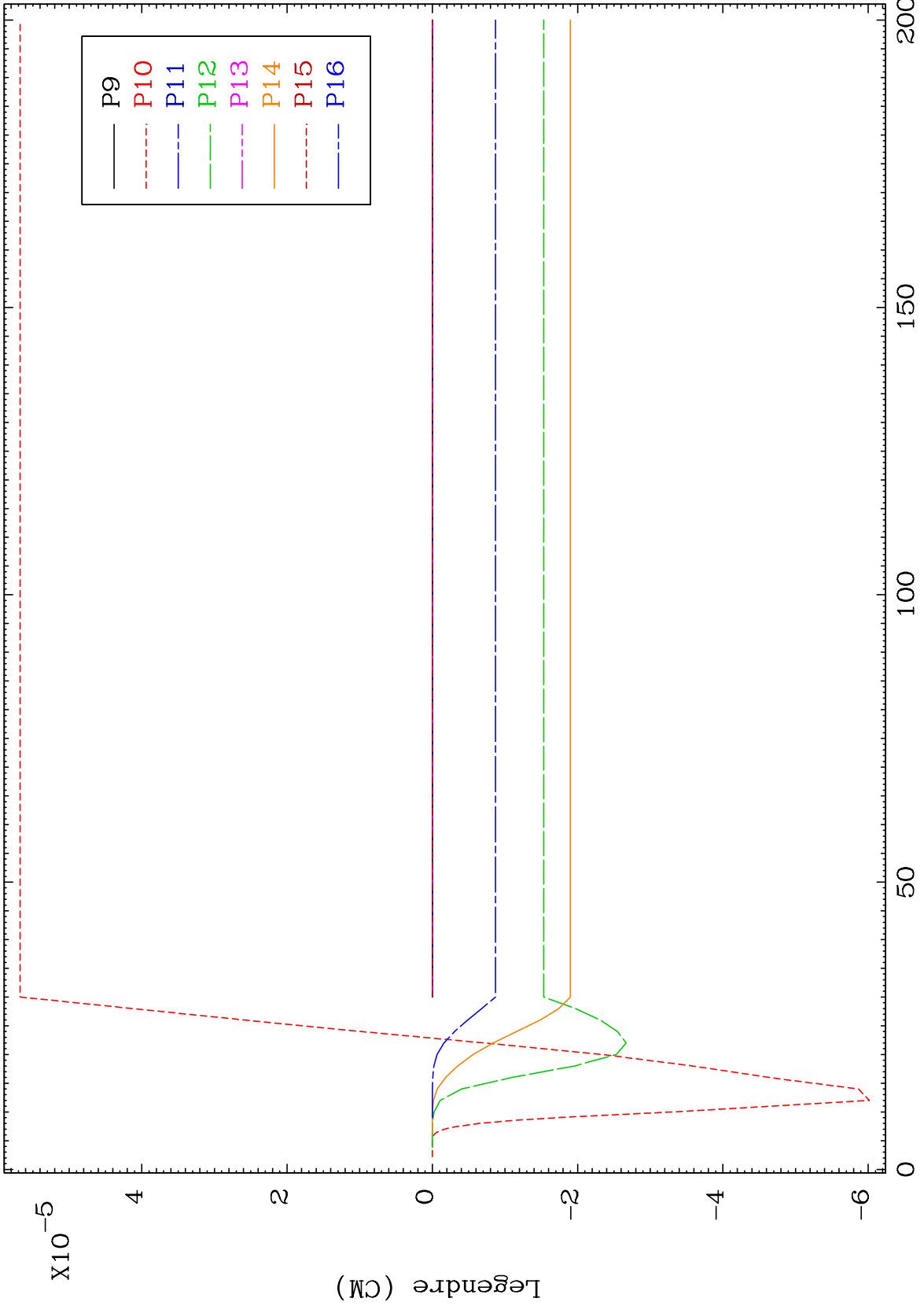
49-In-110

MAT 4916 MT= 67 (n,n') Level Legendre Coefficients 49-In-110



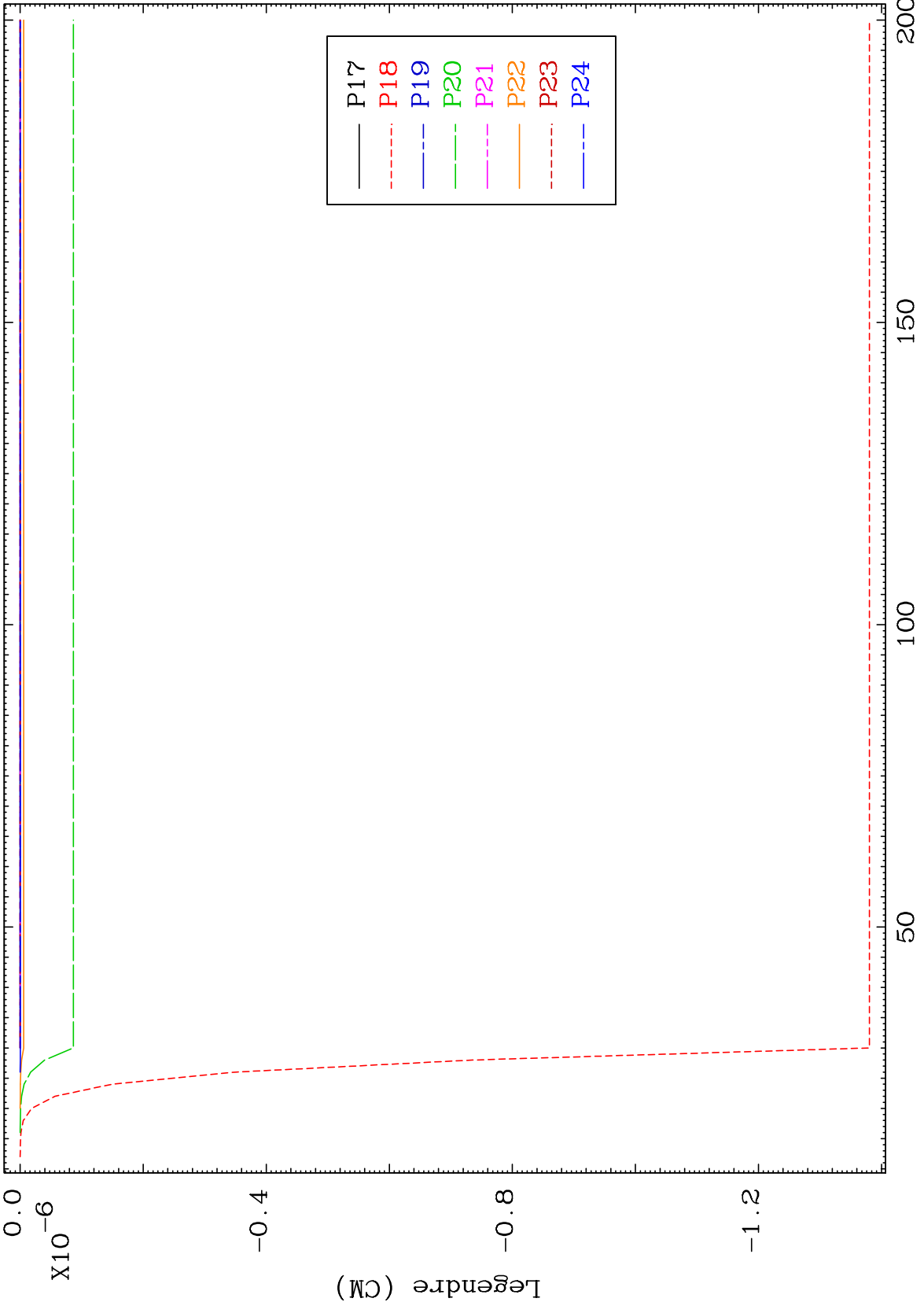
75 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 67 (n,n') Level Legendre Coefficients 49-In-110



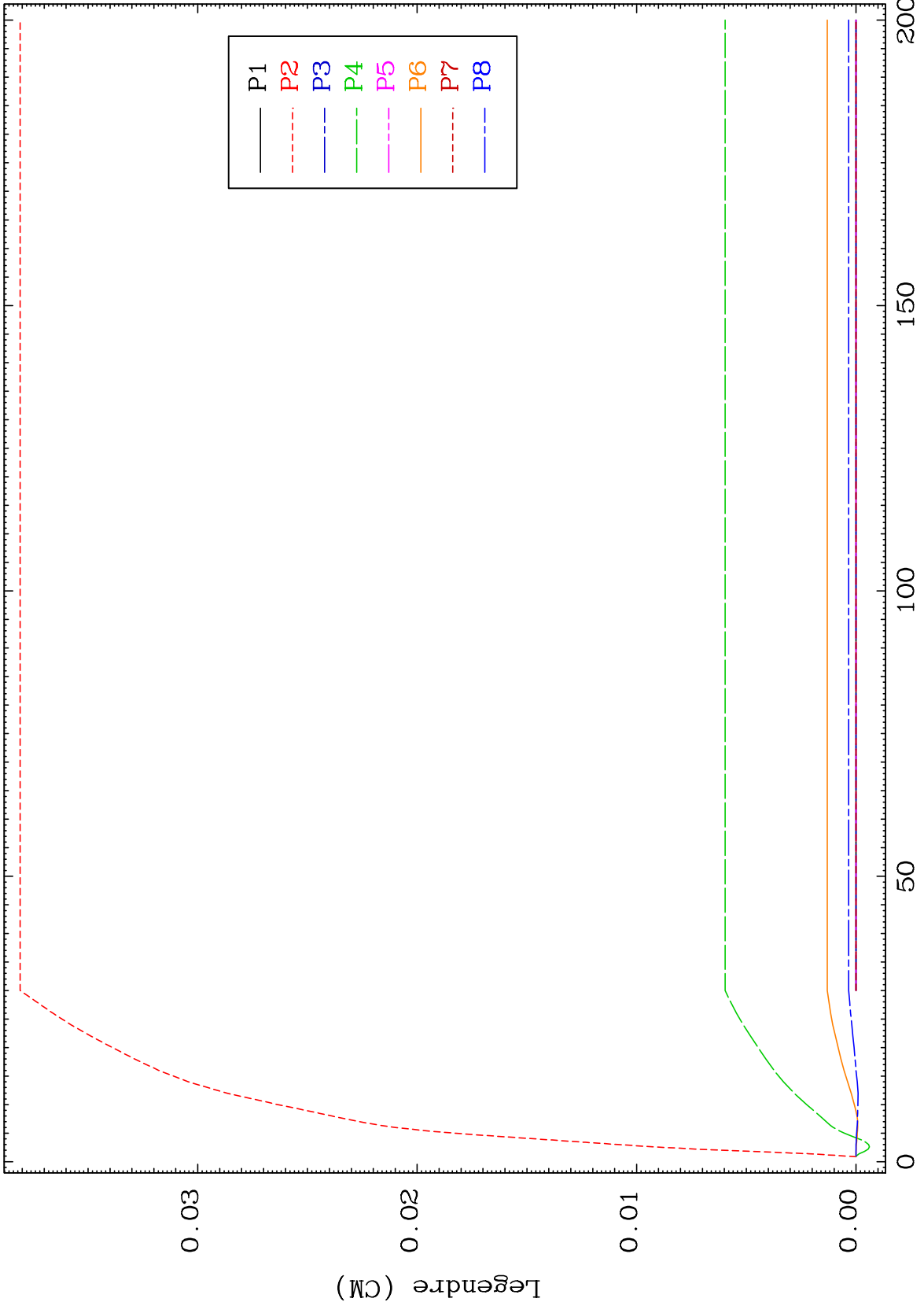
76 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 67 (n,n') Level Legendre Coefficients 49-In-110



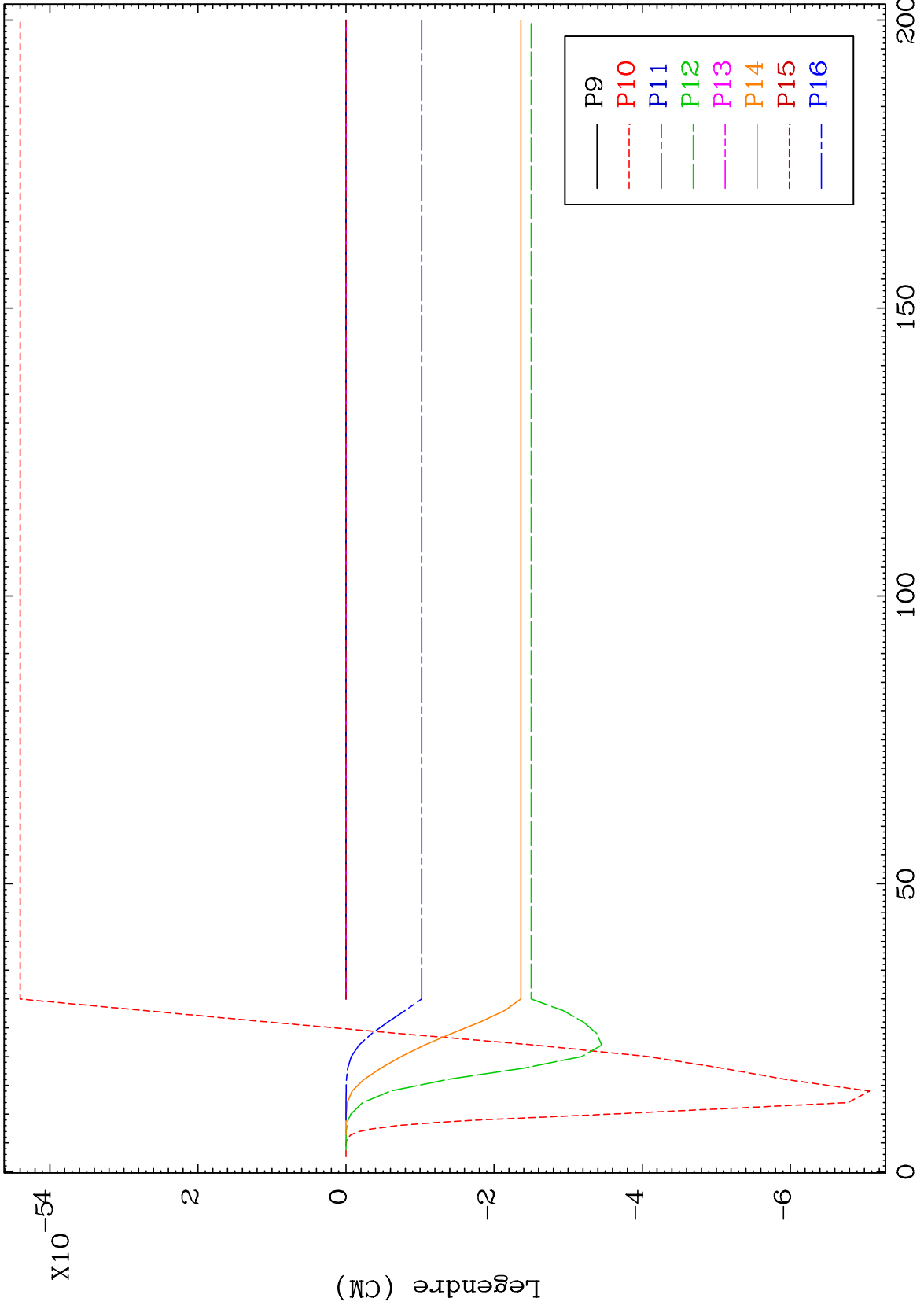
77 49-In-110

MAT 4916 MT= 68 (n,n') Level Legendre Coefficients 49-In-110



78 Incident Energy (MeV) 49-In-110

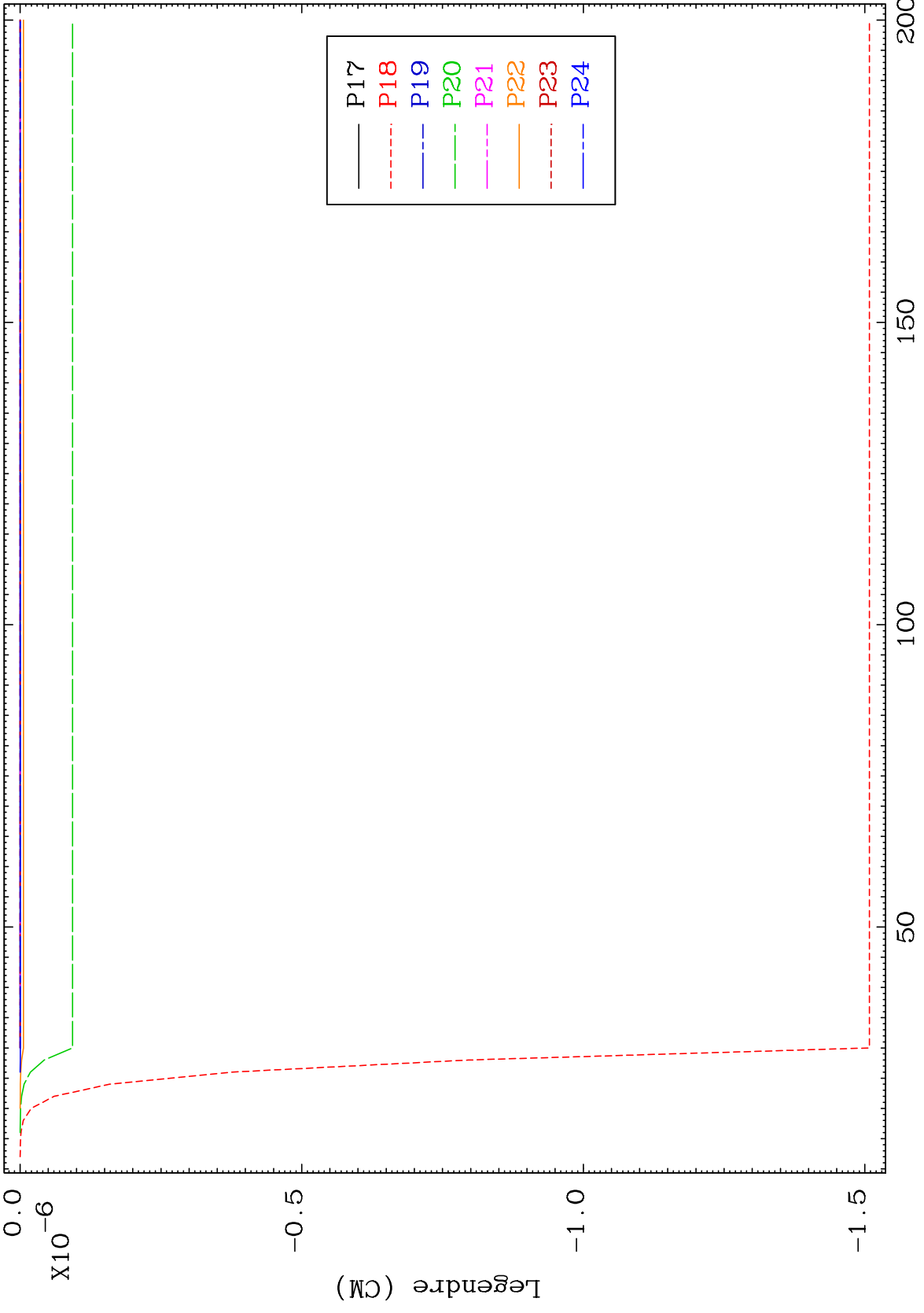
MAT 4916 MT= 68 (n,n') Level Legendre Coefficients 49-In-110



79 49-In-110



MAT 4916 MT= 68 (n,n') Level Legendre Coefficients 49-In-110

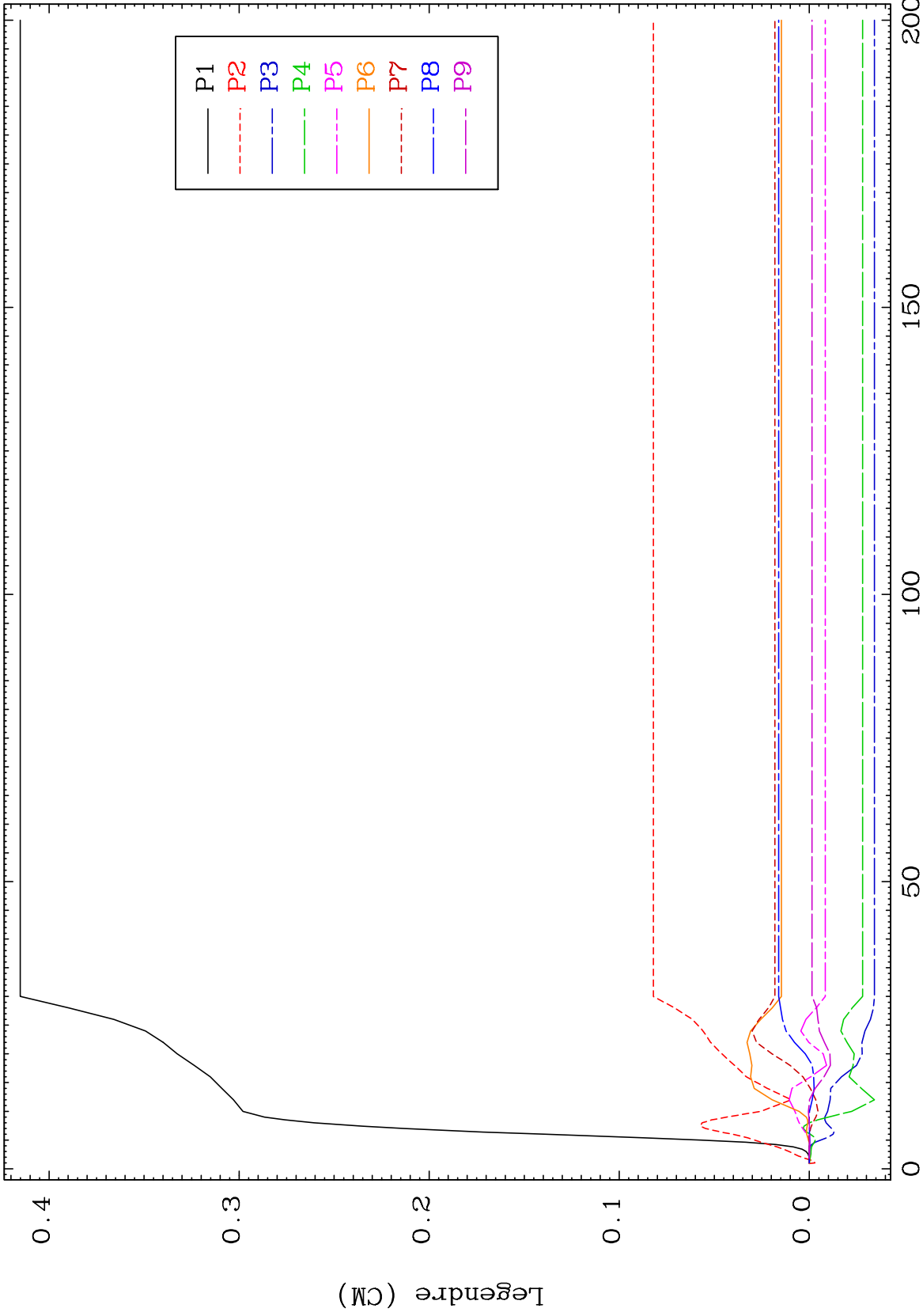


80 Incident Energy (MeV) 49-In-110

MAT 4916

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

49-In-110



81

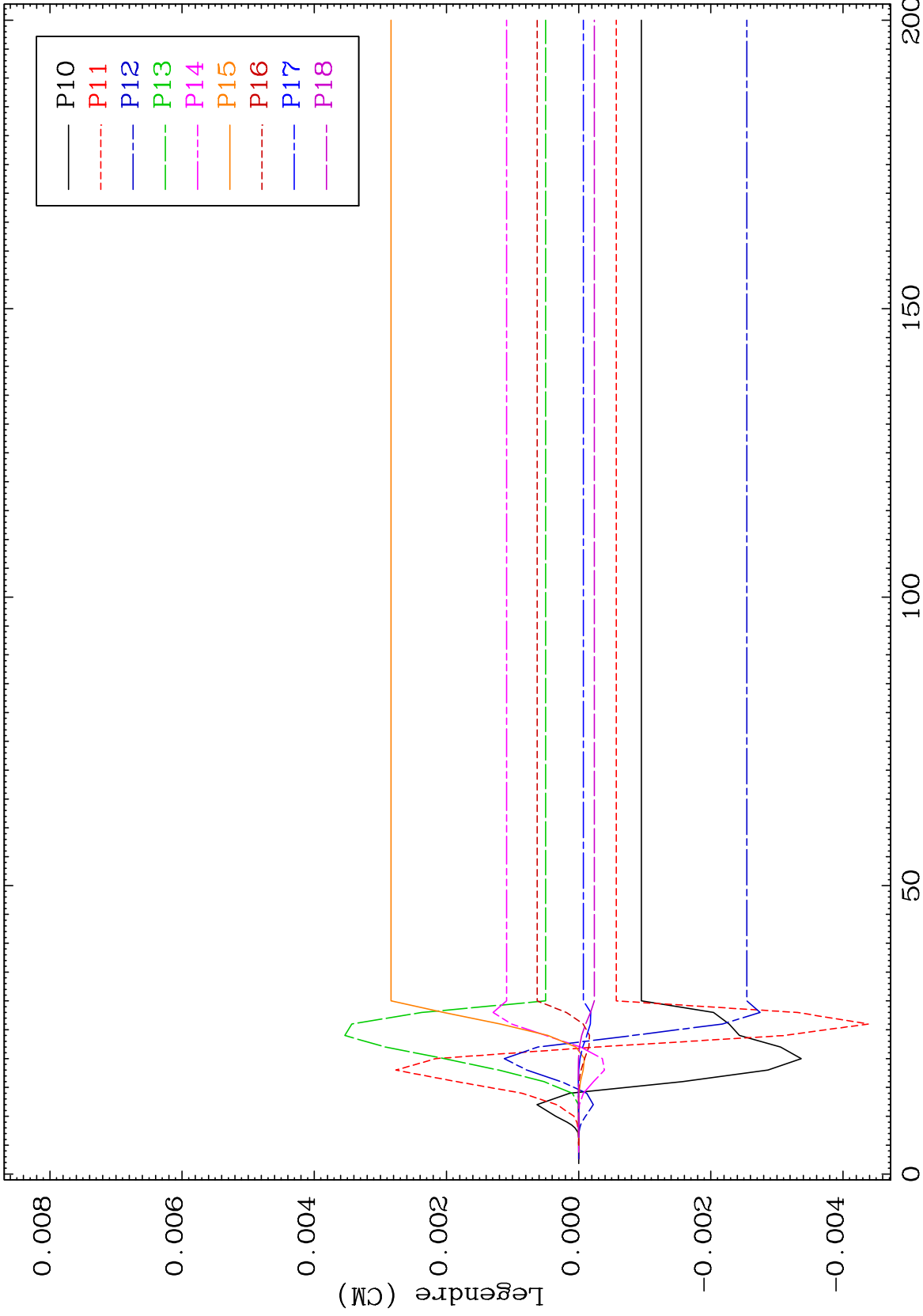
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



82

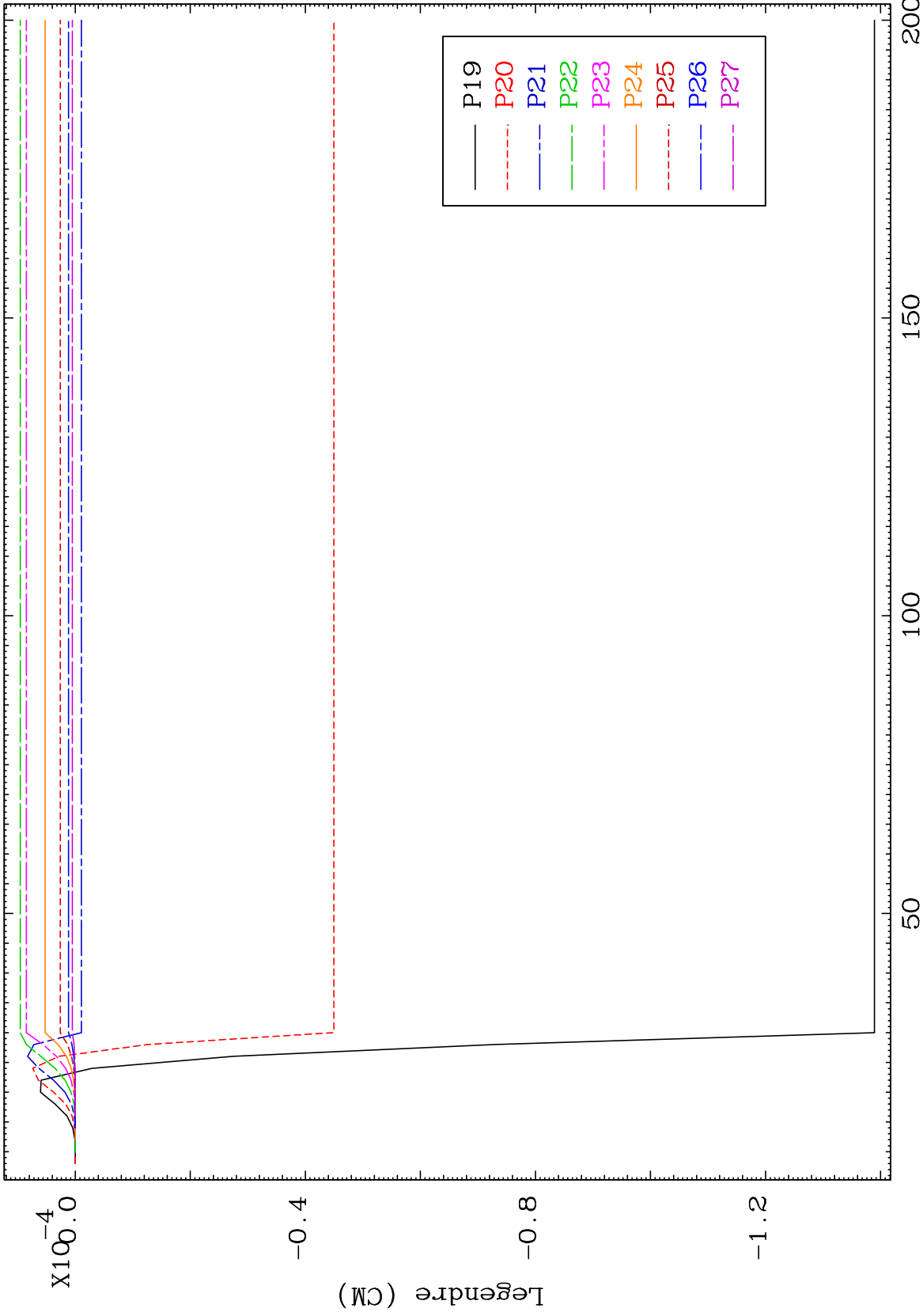
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



83

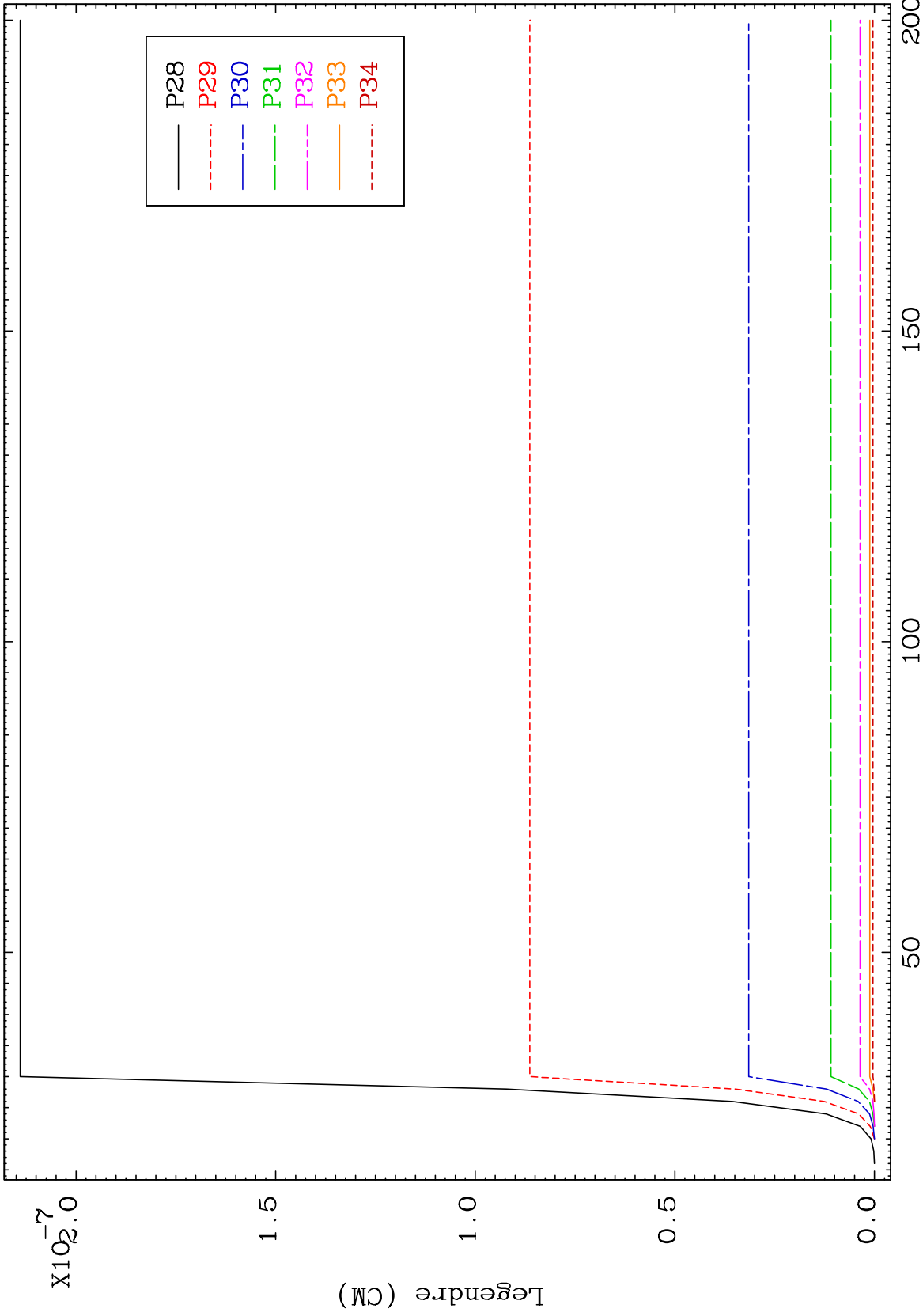
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



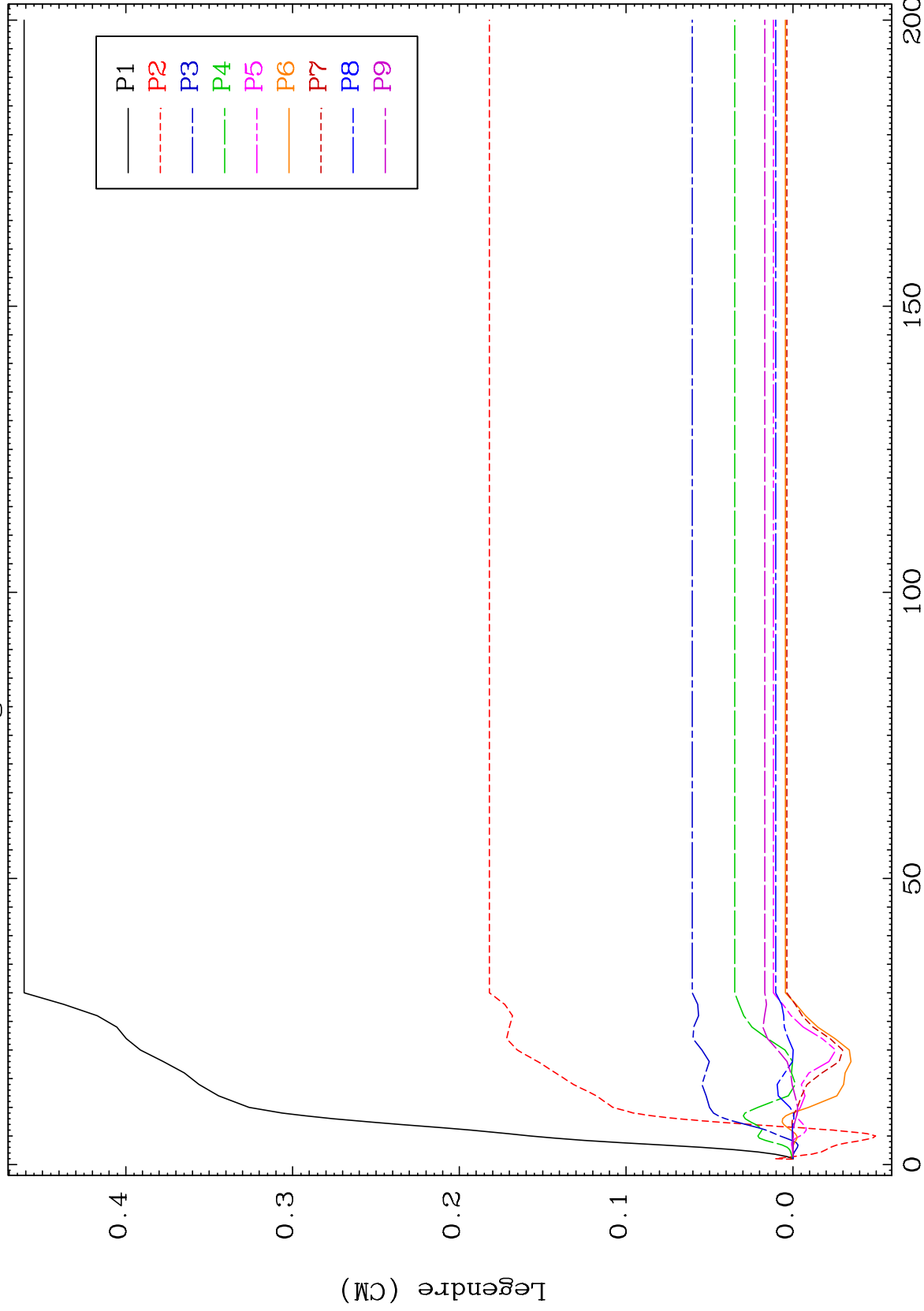
84

49-In-110

MAT 4916

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

49-In-110



85

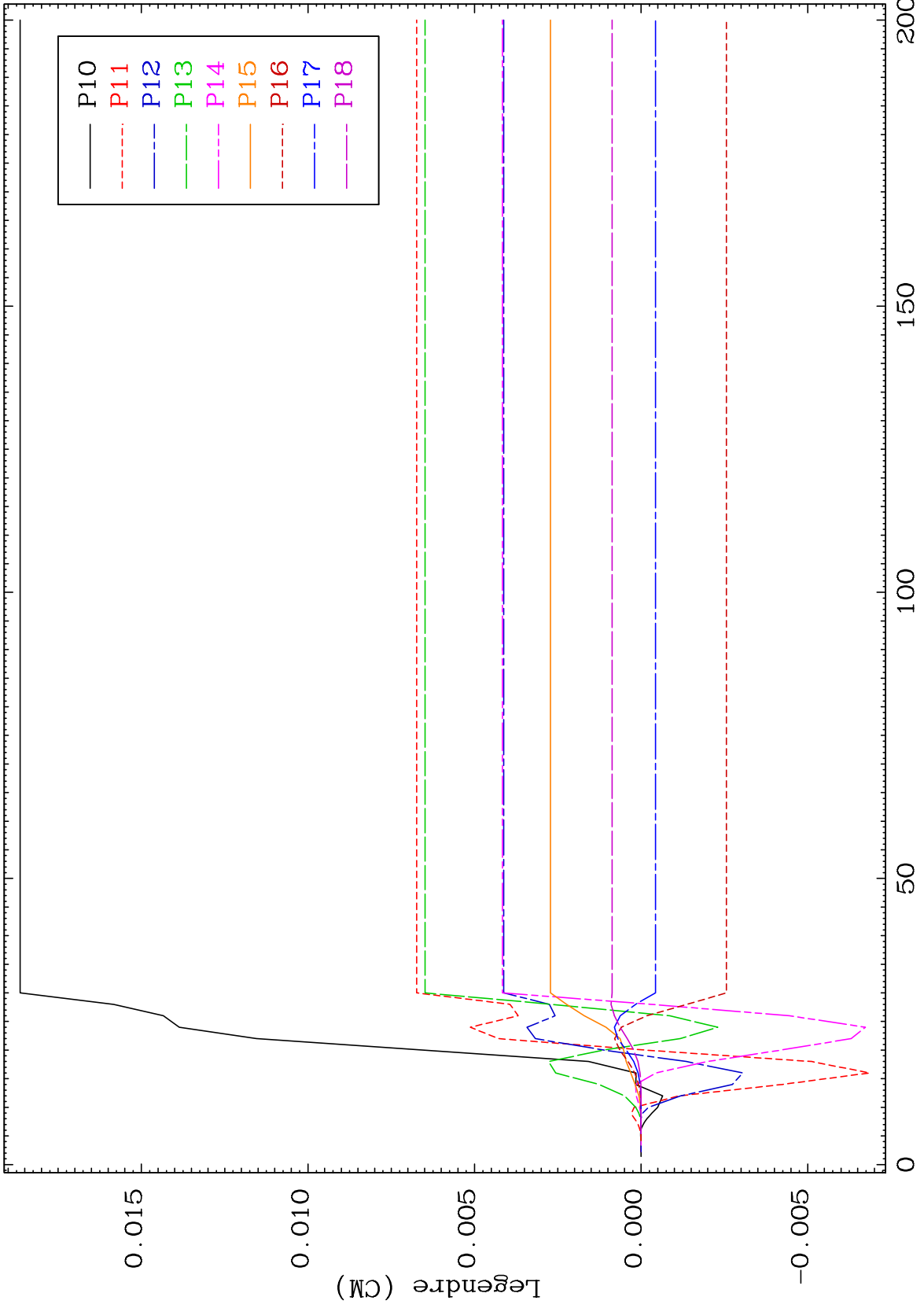
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



86

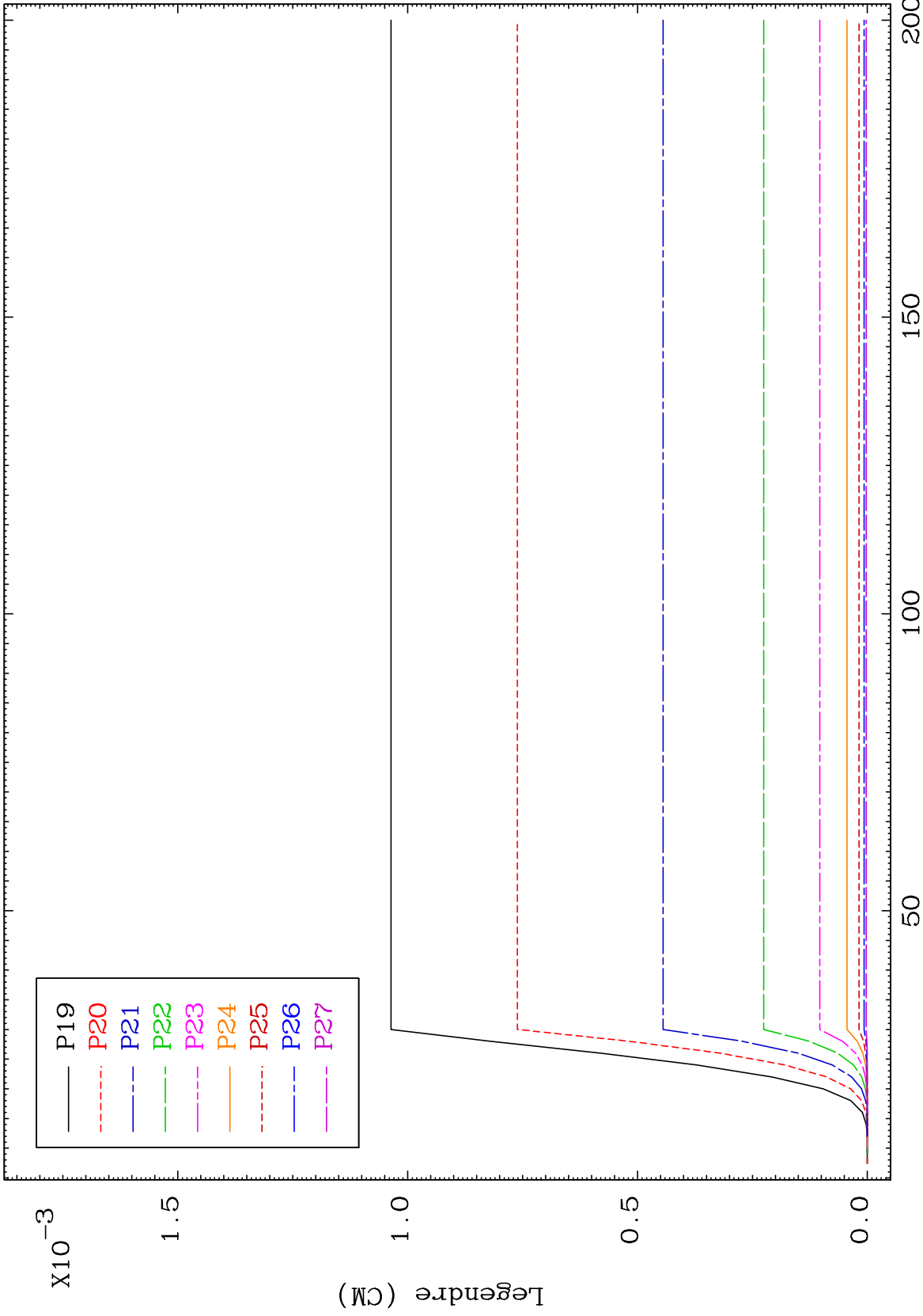
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



87

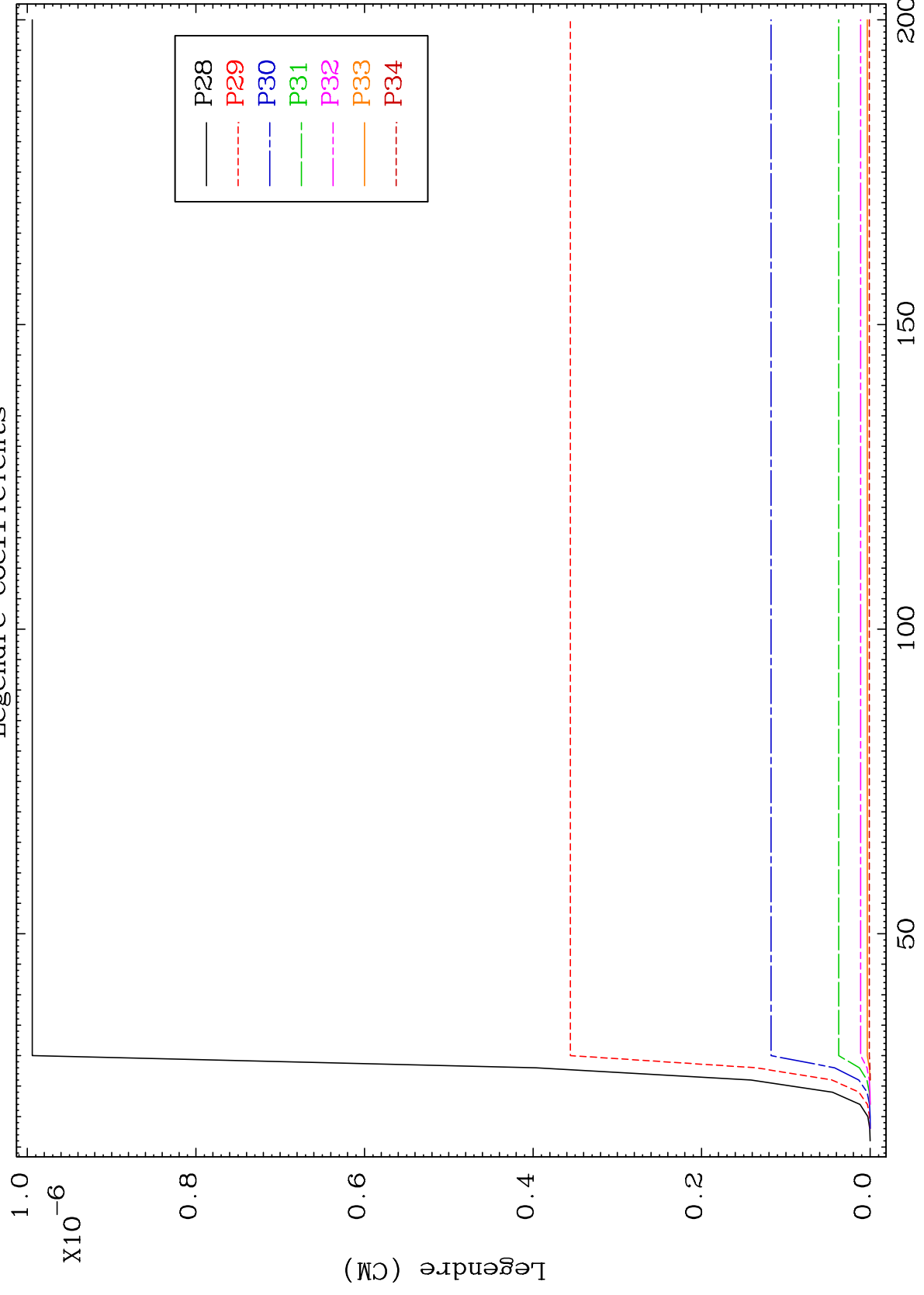
49-In-110



MAT 4916

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

49-In-110



88

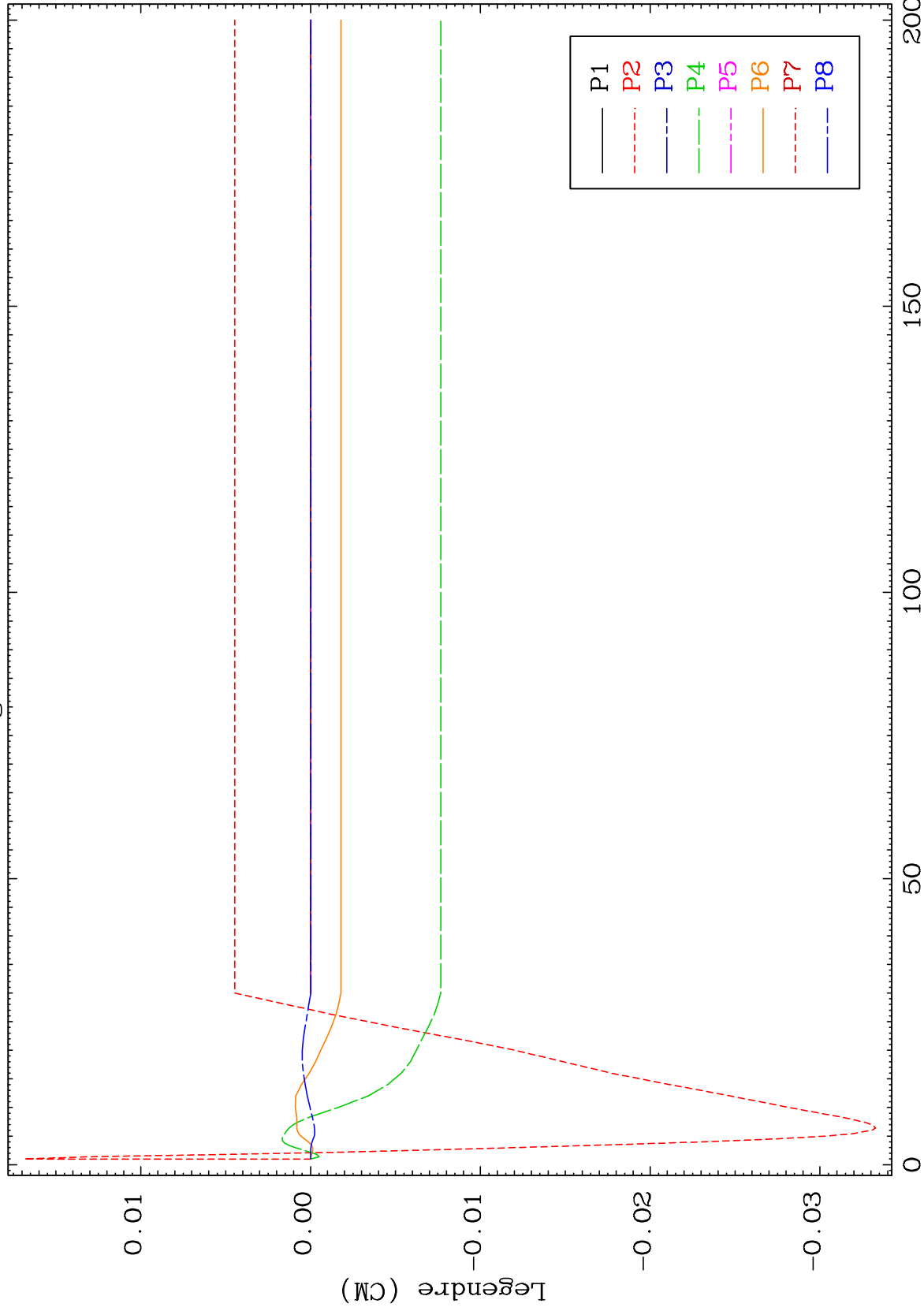
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



89

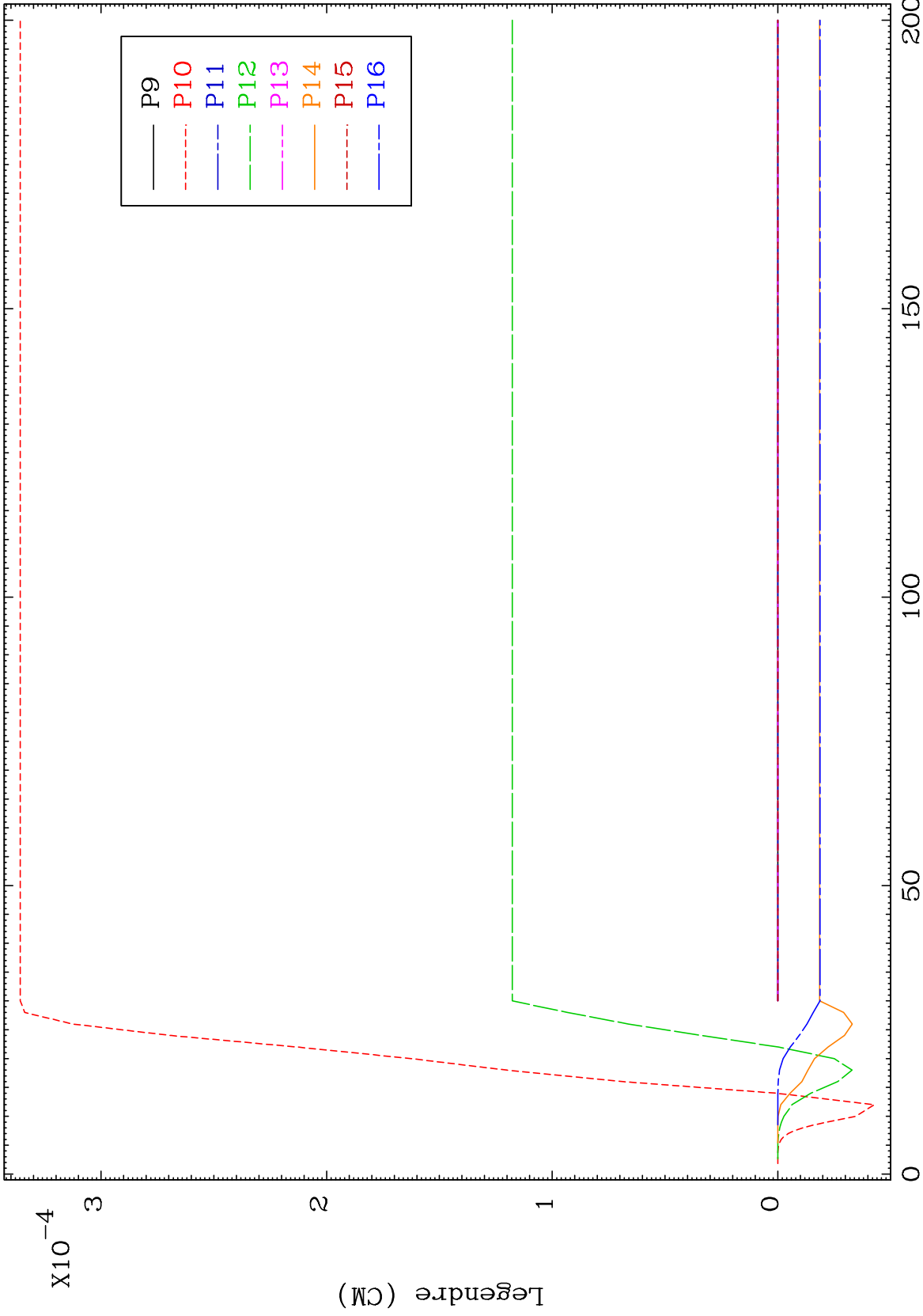
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110

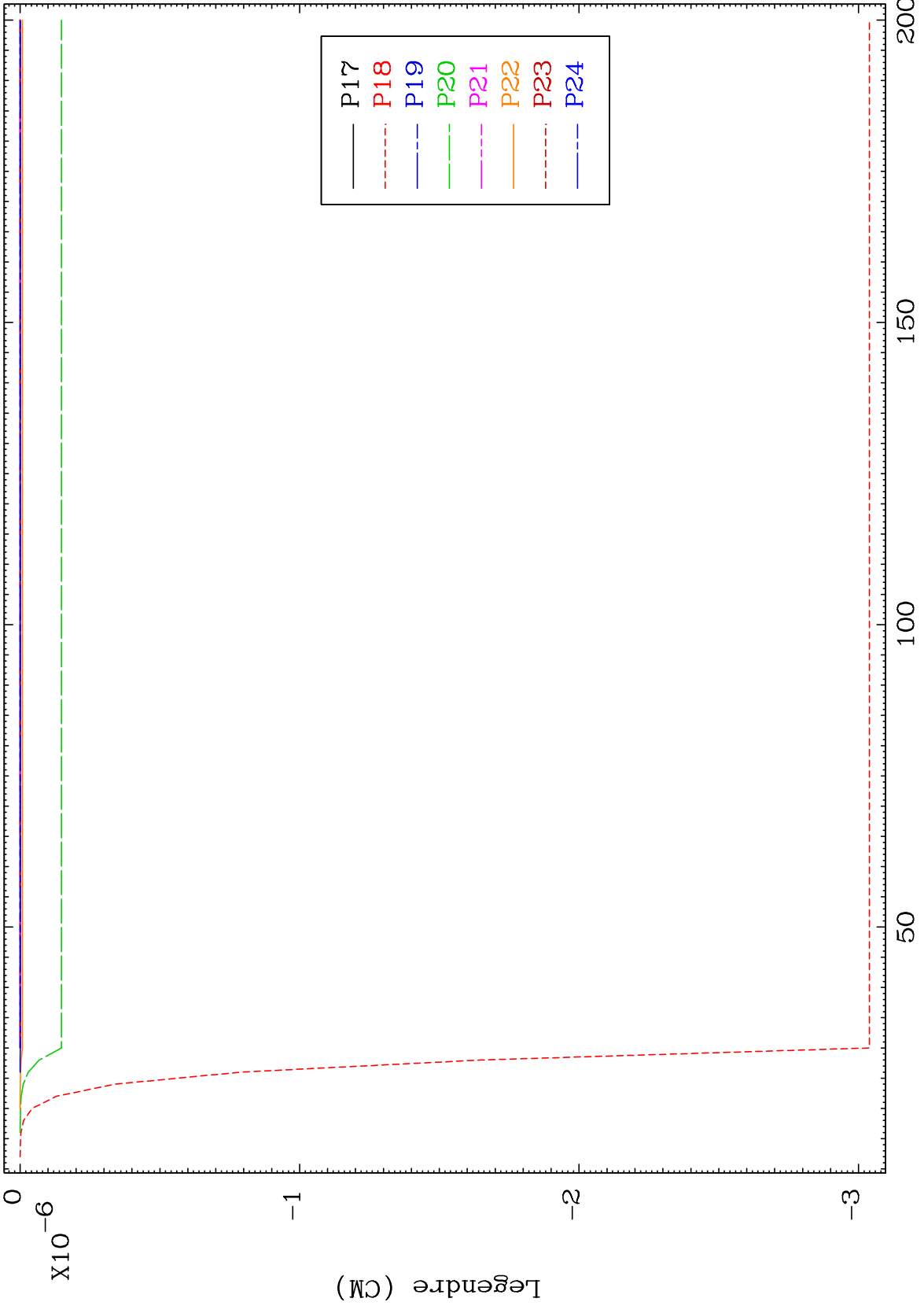


90

Incident Energy (MeV)

49-In-110

MAT 4916 MT= 71 (n,n') Level Legendre Coefficients 49-In-110

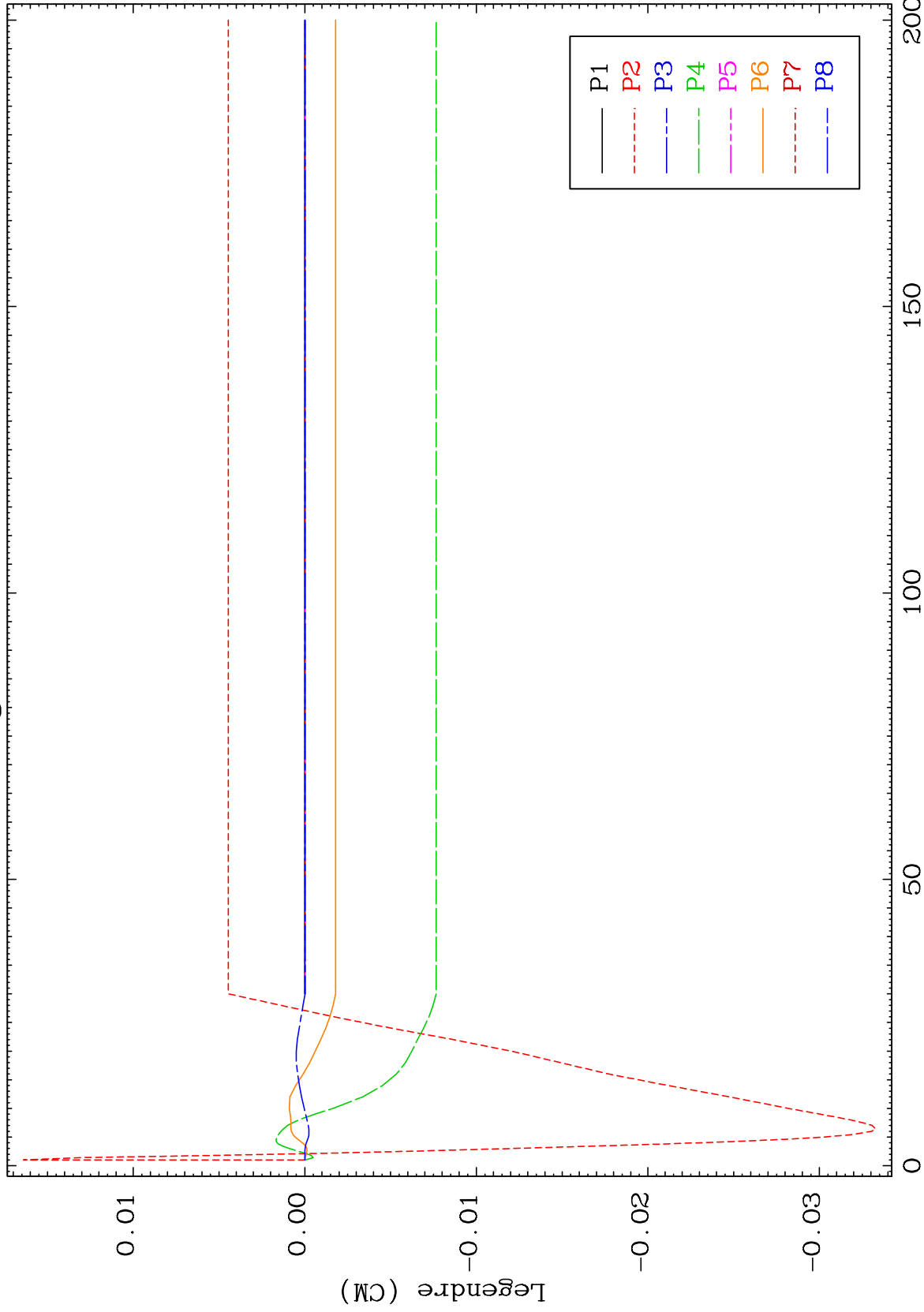


91 49-In-110

MAT 4916

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

49-In-110

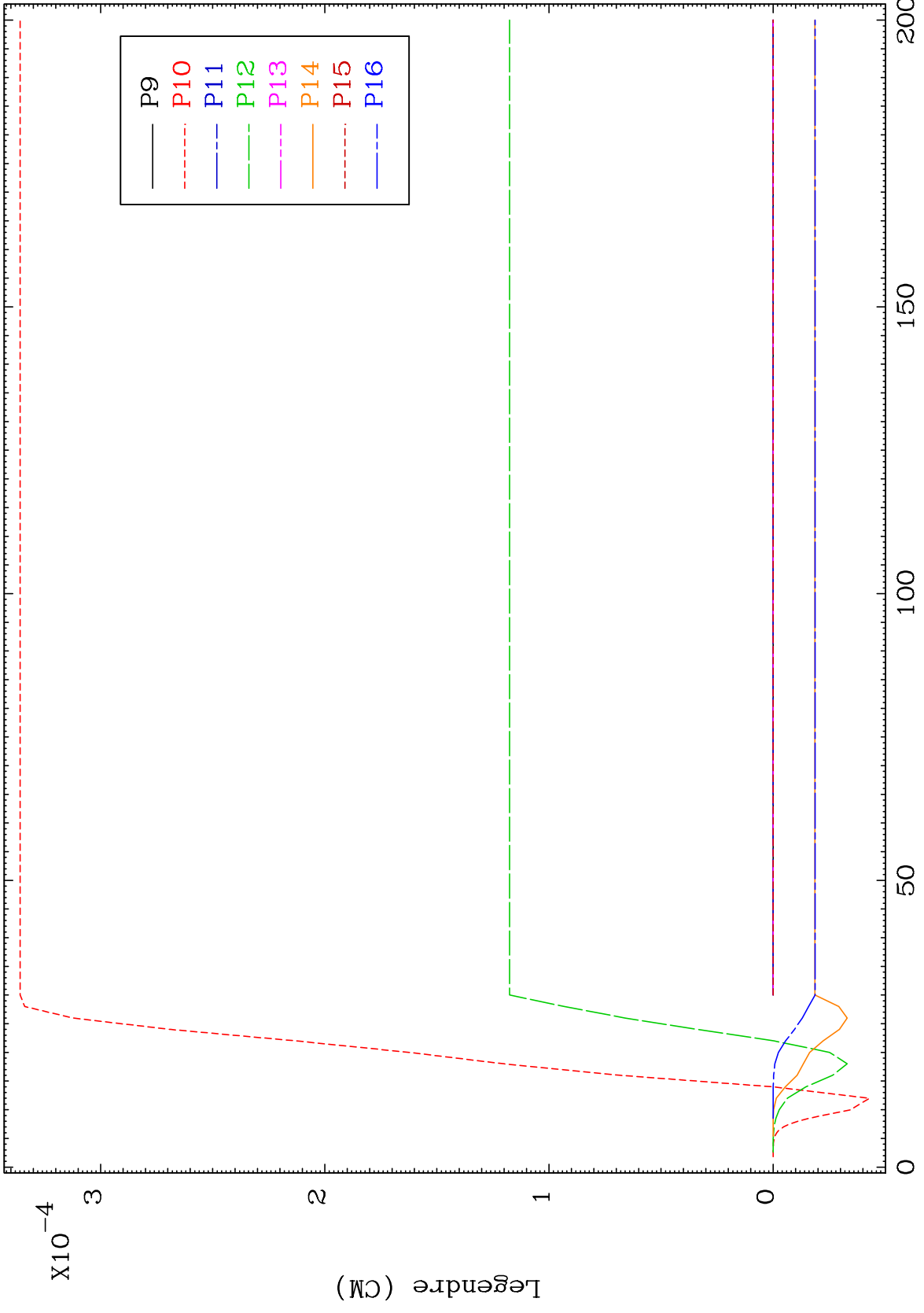


92

Incident Energy (MeV)

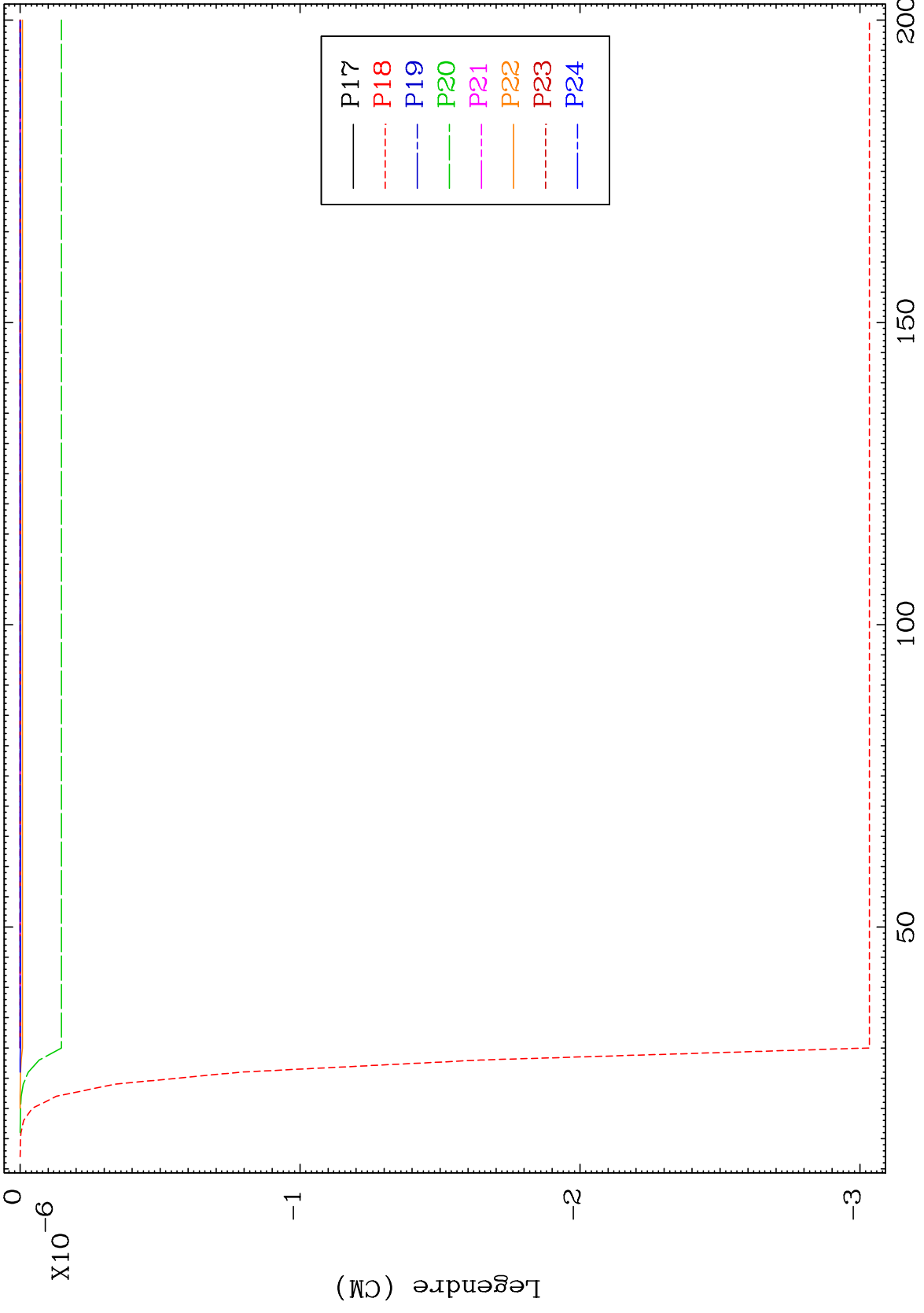
49-In-110

MAT 4916 MT= 72 (n,n') Level Legendre Coefficients 49-In-110



93 49-In-110

MAT 4916 MT= 72 (n,n') Level Legendre Coefficients 49-In-110

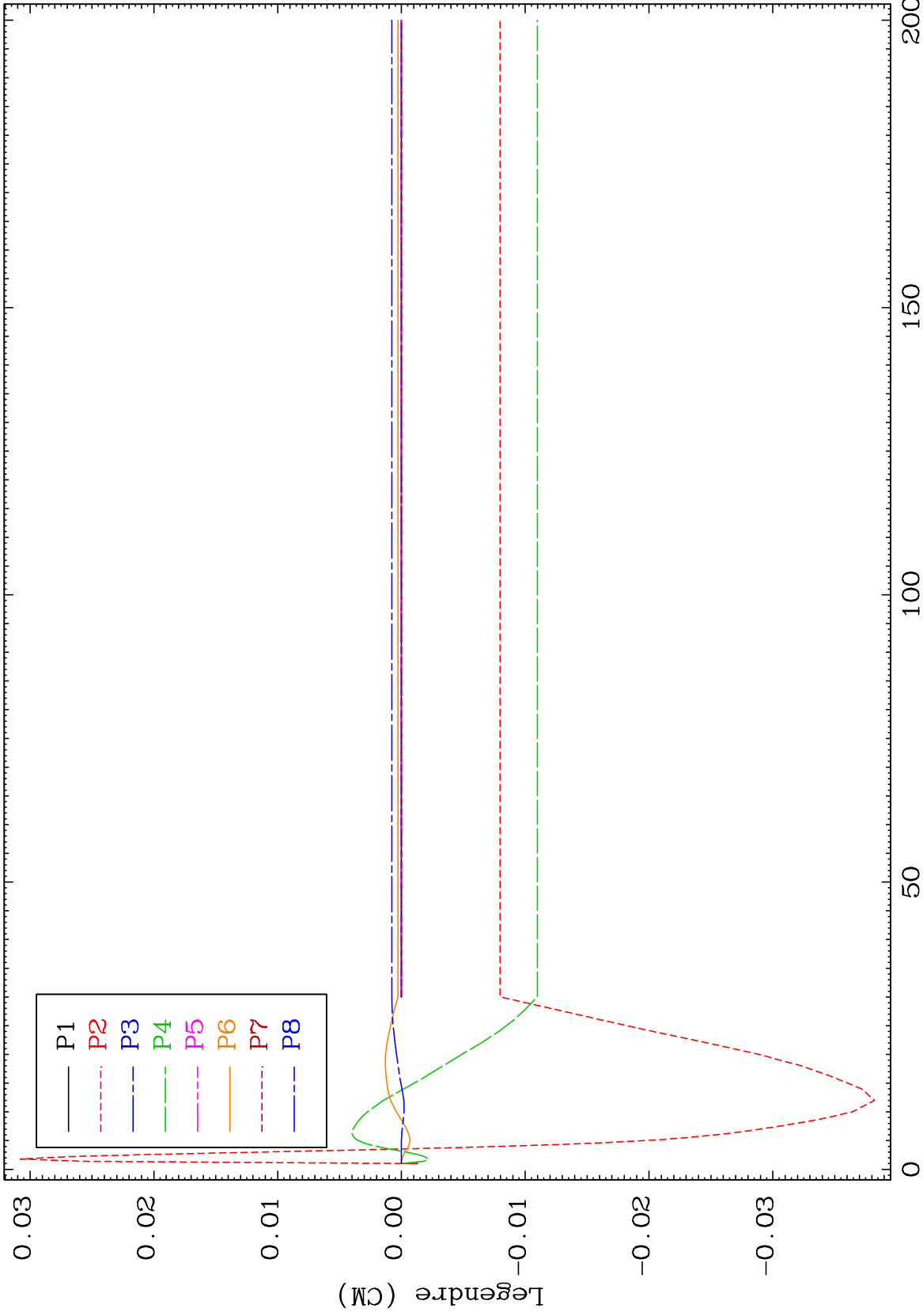


94 49-In-110

MAT 4916

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

49-In-110



95

Incident Energy (MeV)

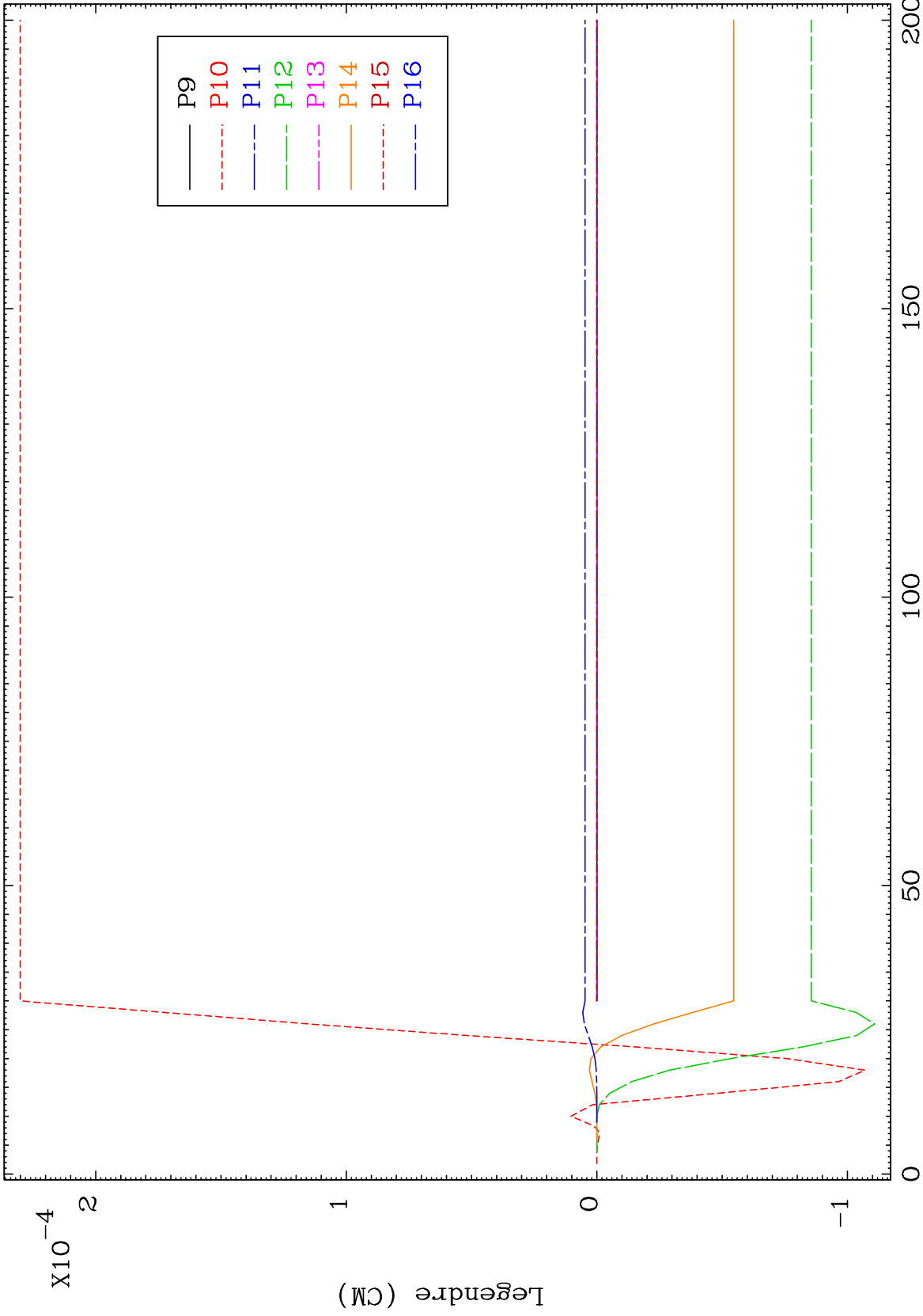
49-In-110



MAT 4916

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

49-In-110



96

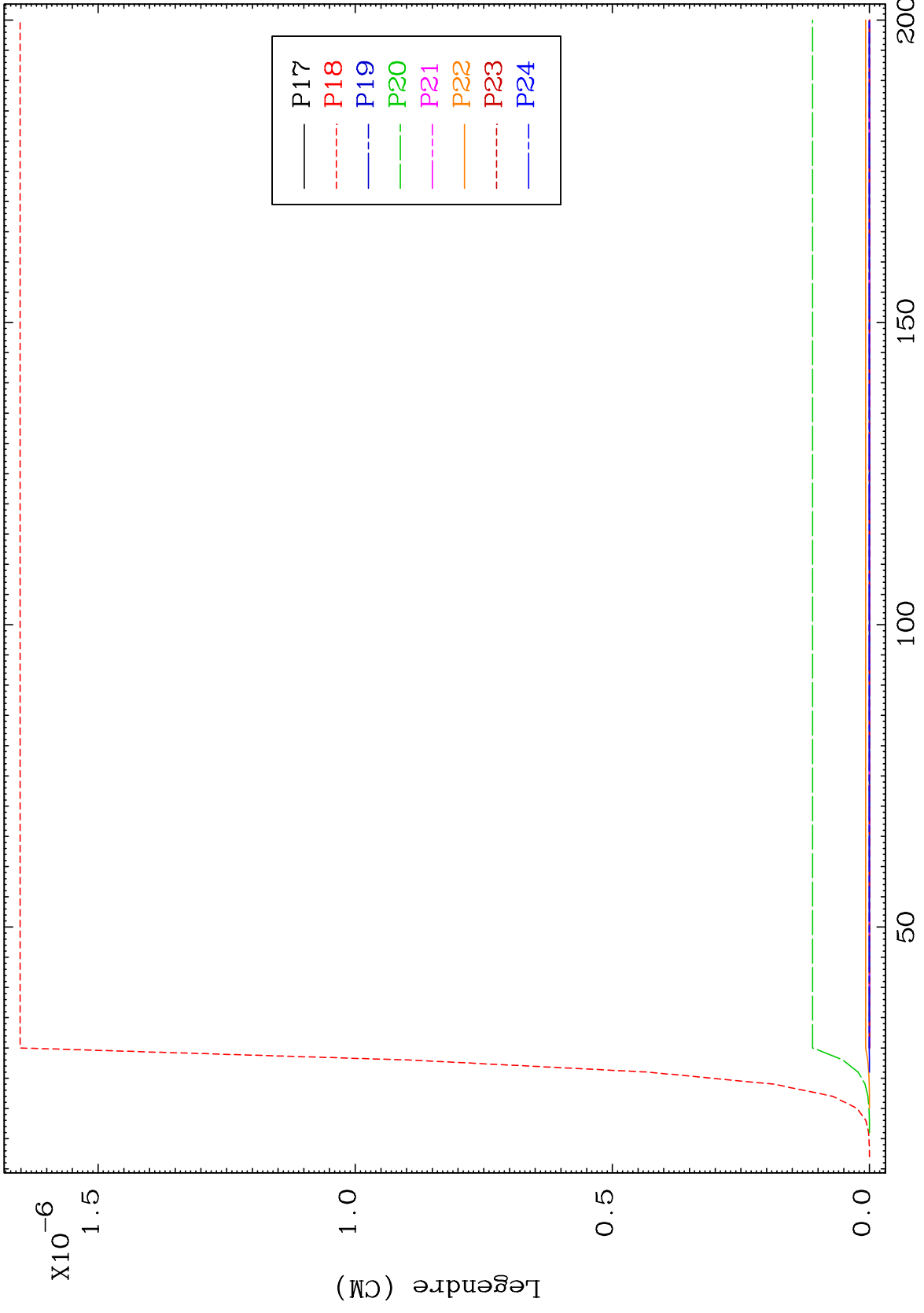
Incident Energy (MeV)

49-In-110

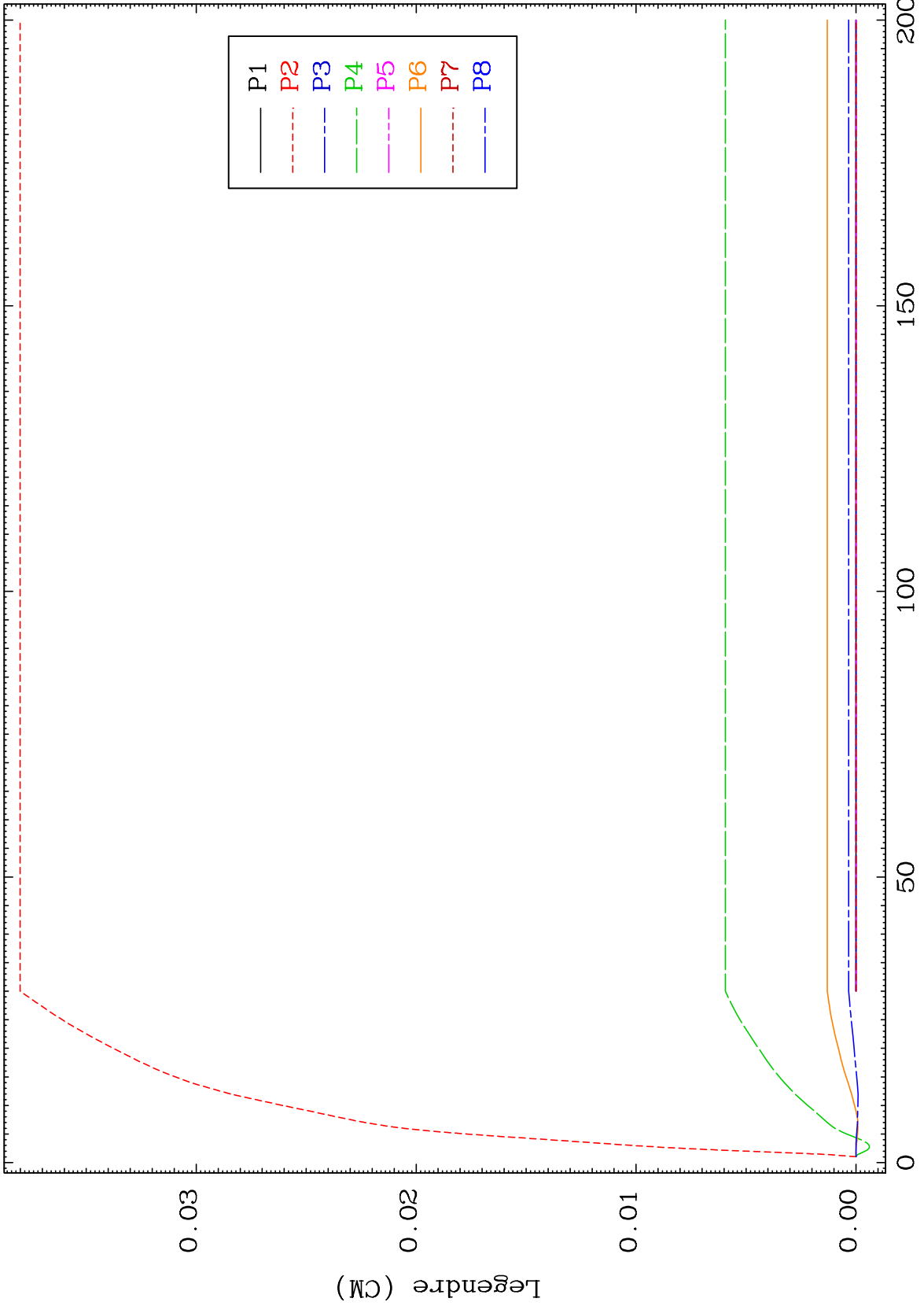
MAT 4916

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

49-In-110



MAT 4916 MT= 74 (n,n') Level Legendre Coefficients 49-In-110

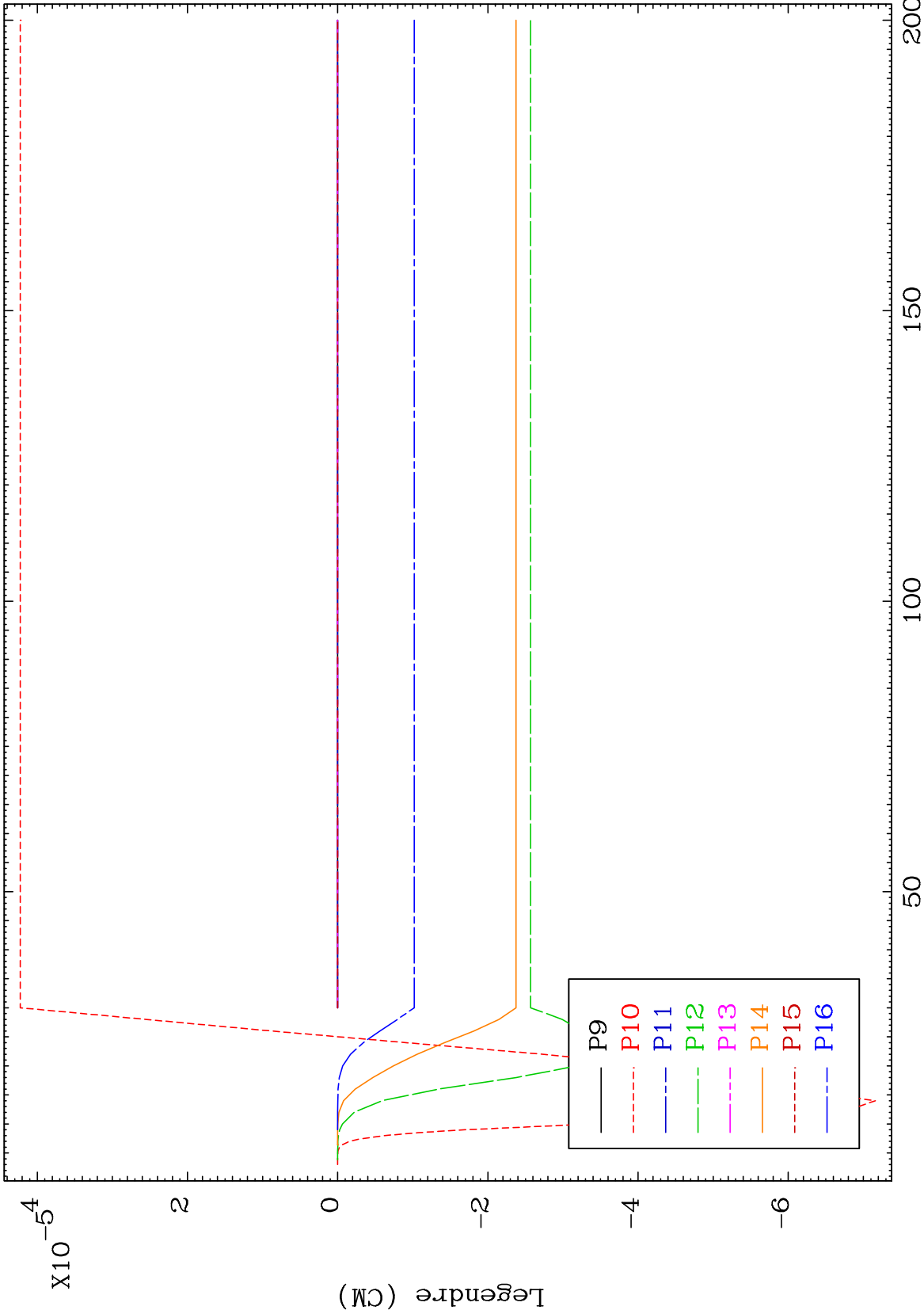


98 Incident Energy (MeV) 49-In-110

MAT 4916

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

49-In-110



99

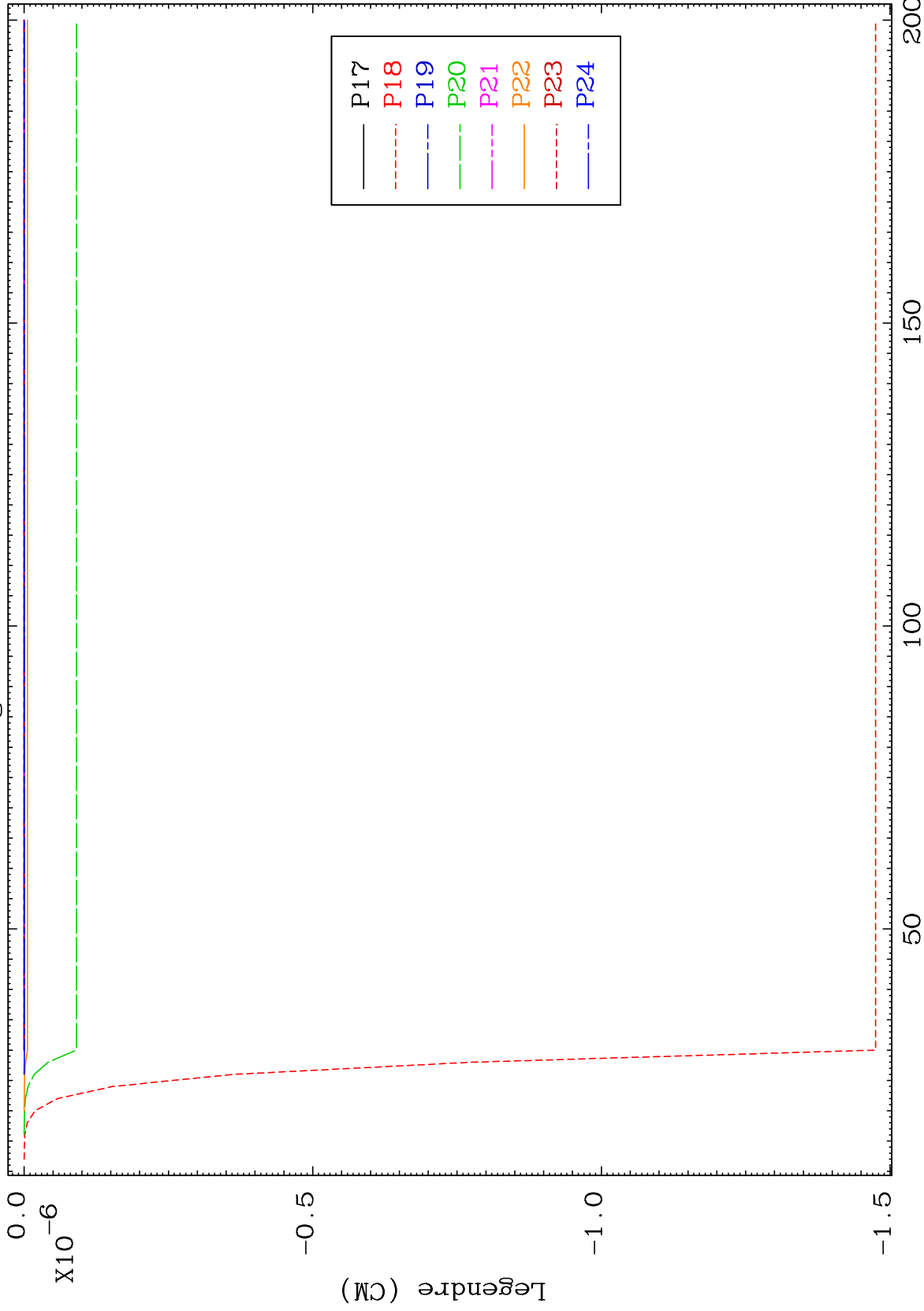
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



49-In-110

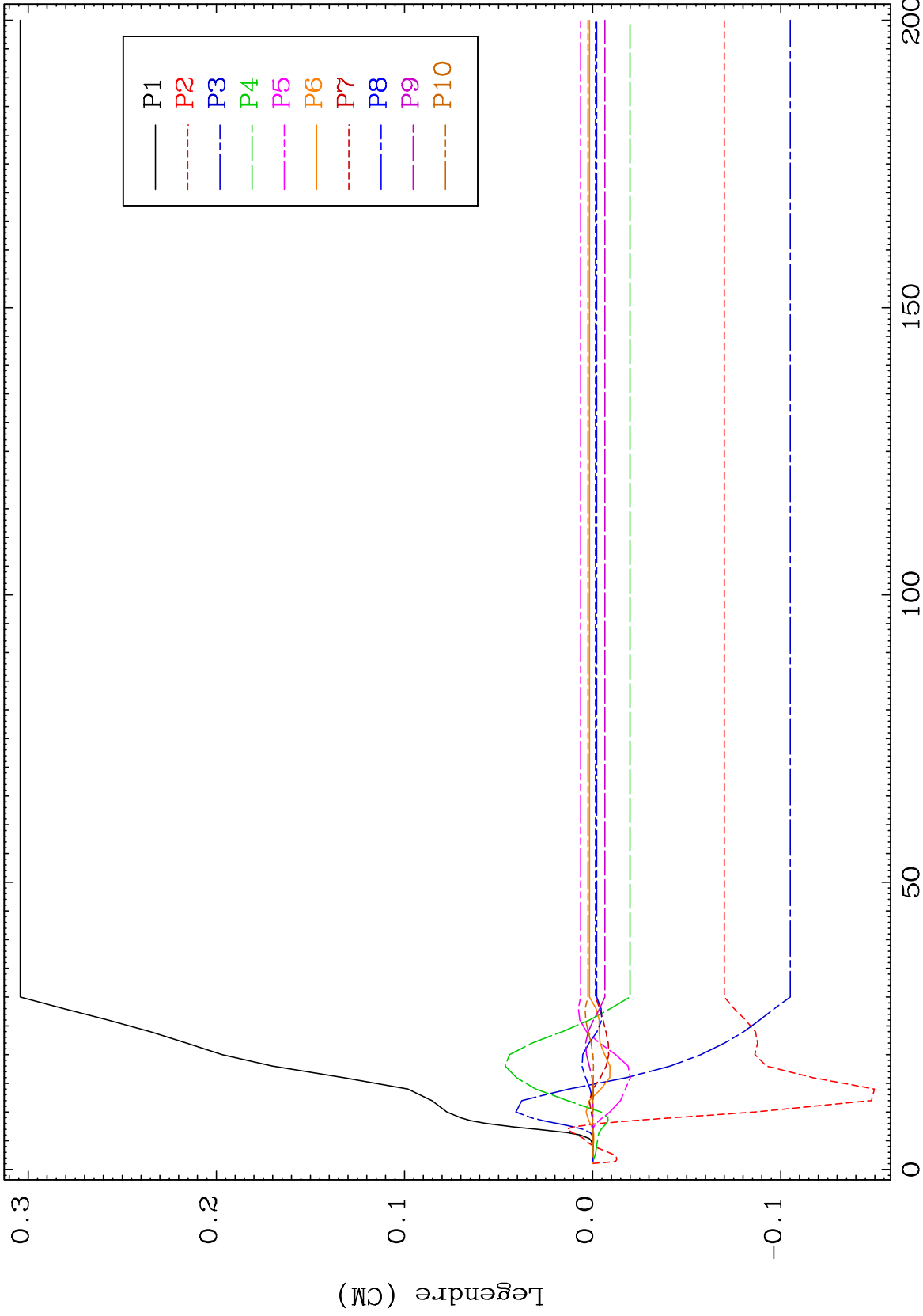
Incident Energy (MeV)

100

MAT 4916

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

49-In-110



49-In-110

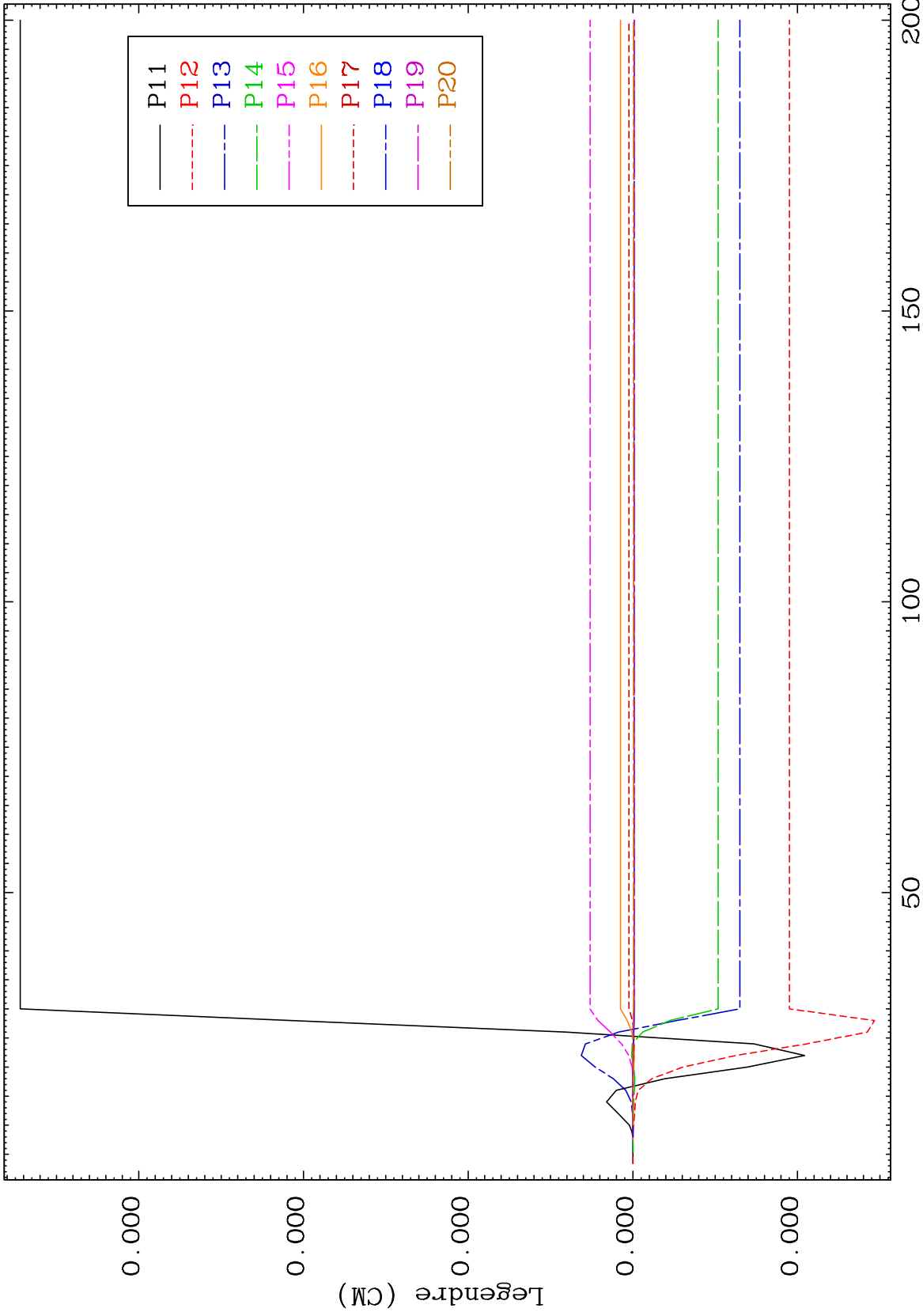
Incident Energy (MeV)

101

MAT 4916

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

49-In-110



102

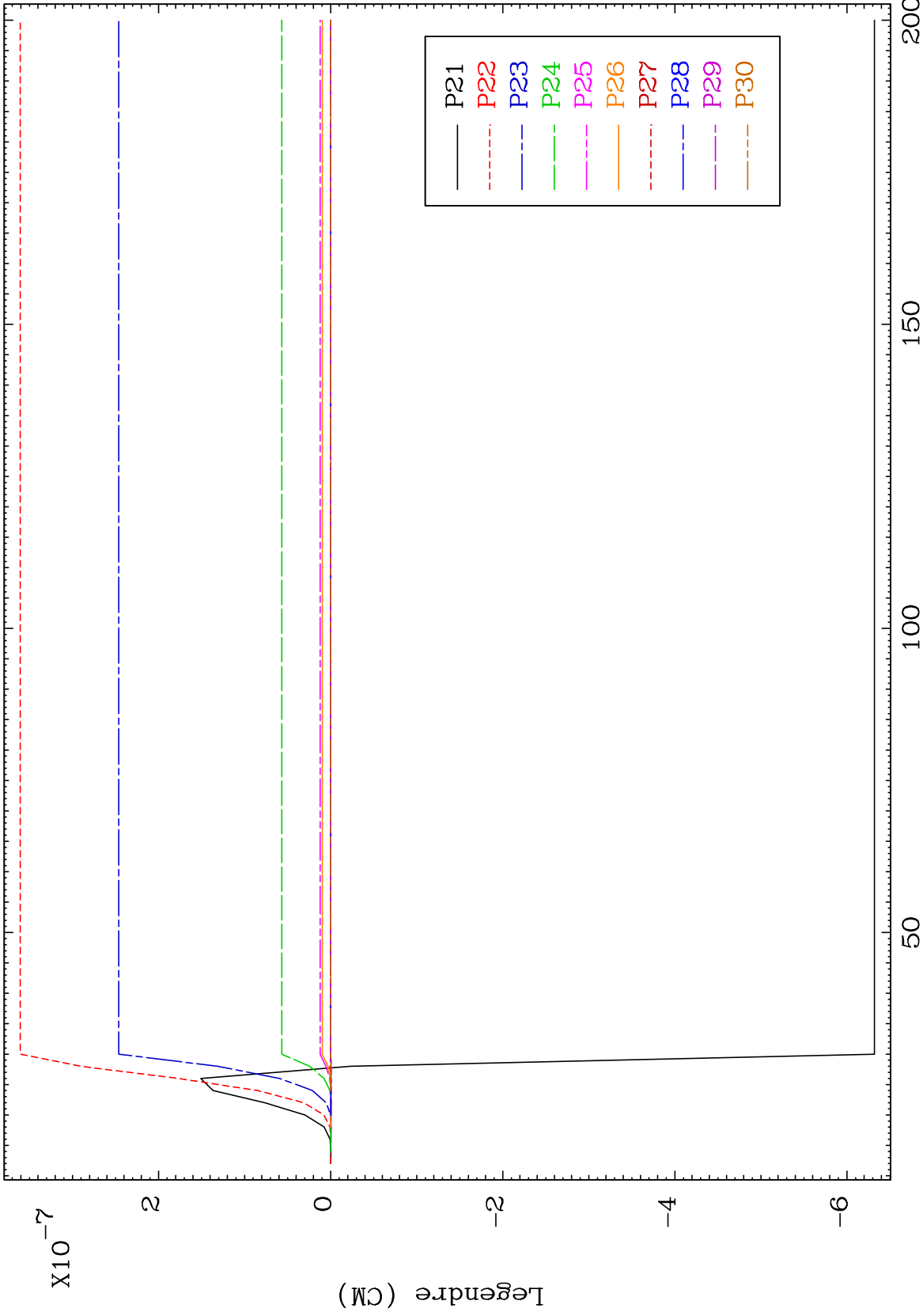
Incident Energy (MeV)

49-In-110

MAT 4916

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

49-In-110



103

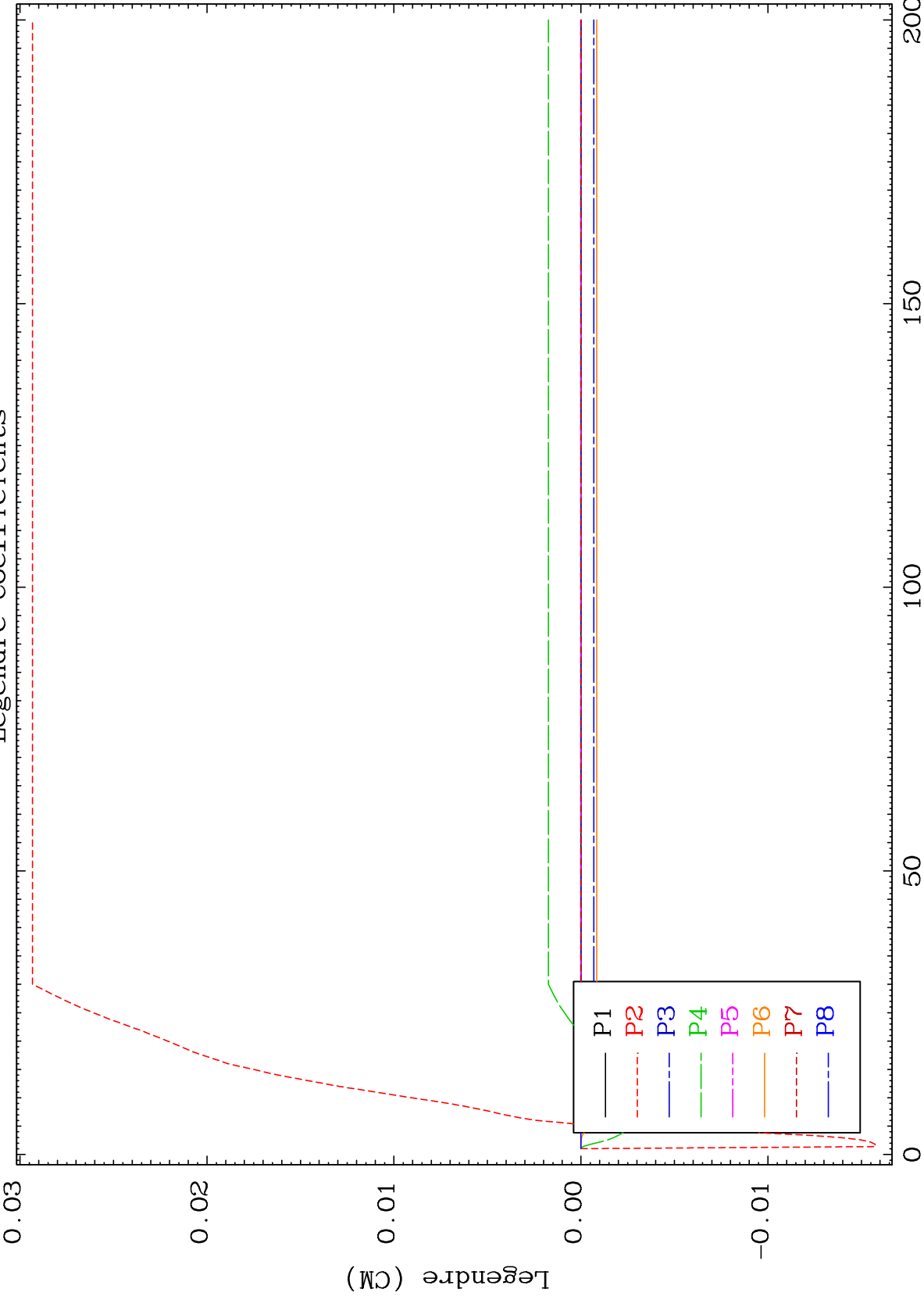
49-In-110



MAT 4916 MT= 76 (n,n') Level Legendre Coefficients

49-In-110

104

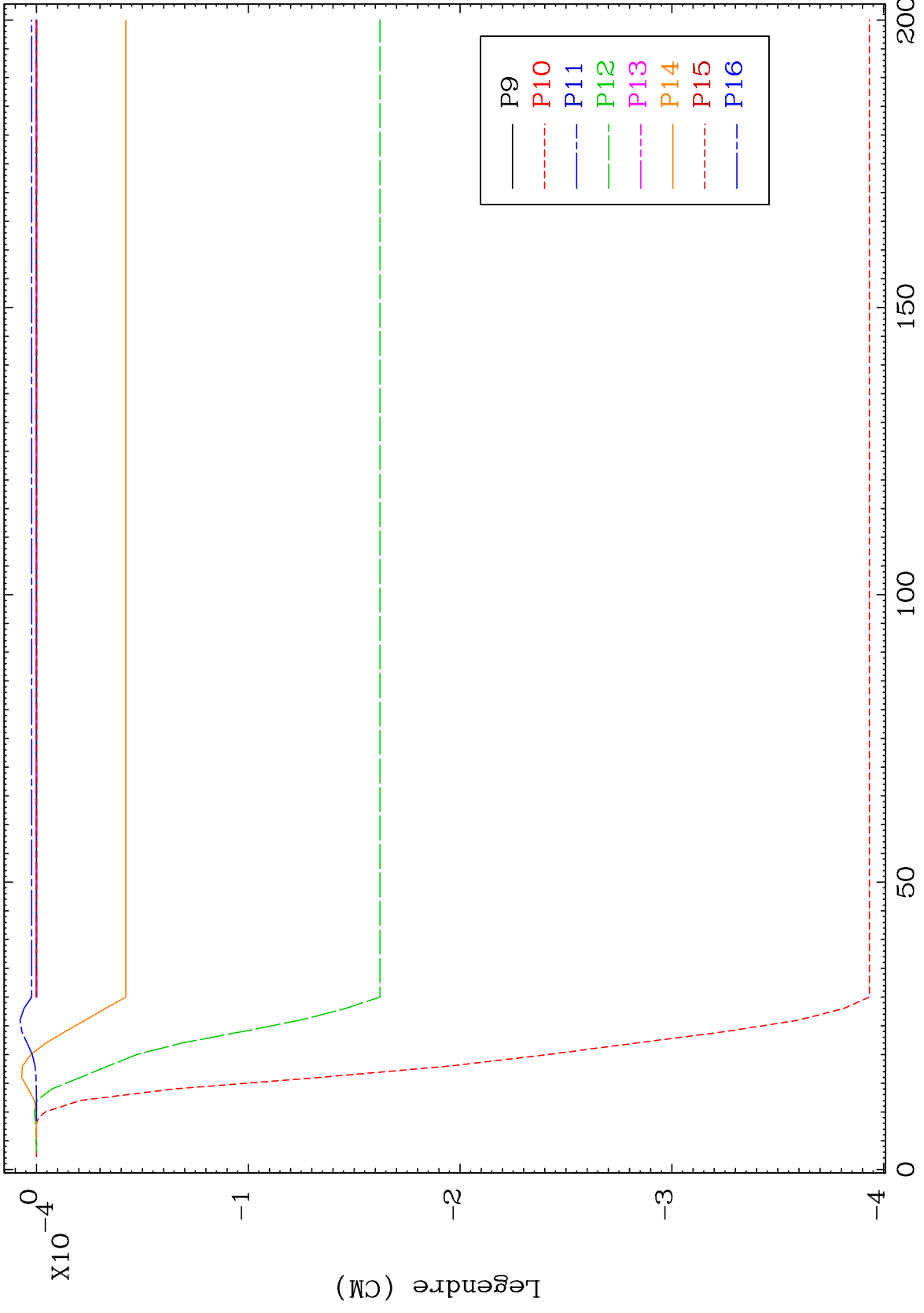


49-In-110

Incident Energy (MeV)

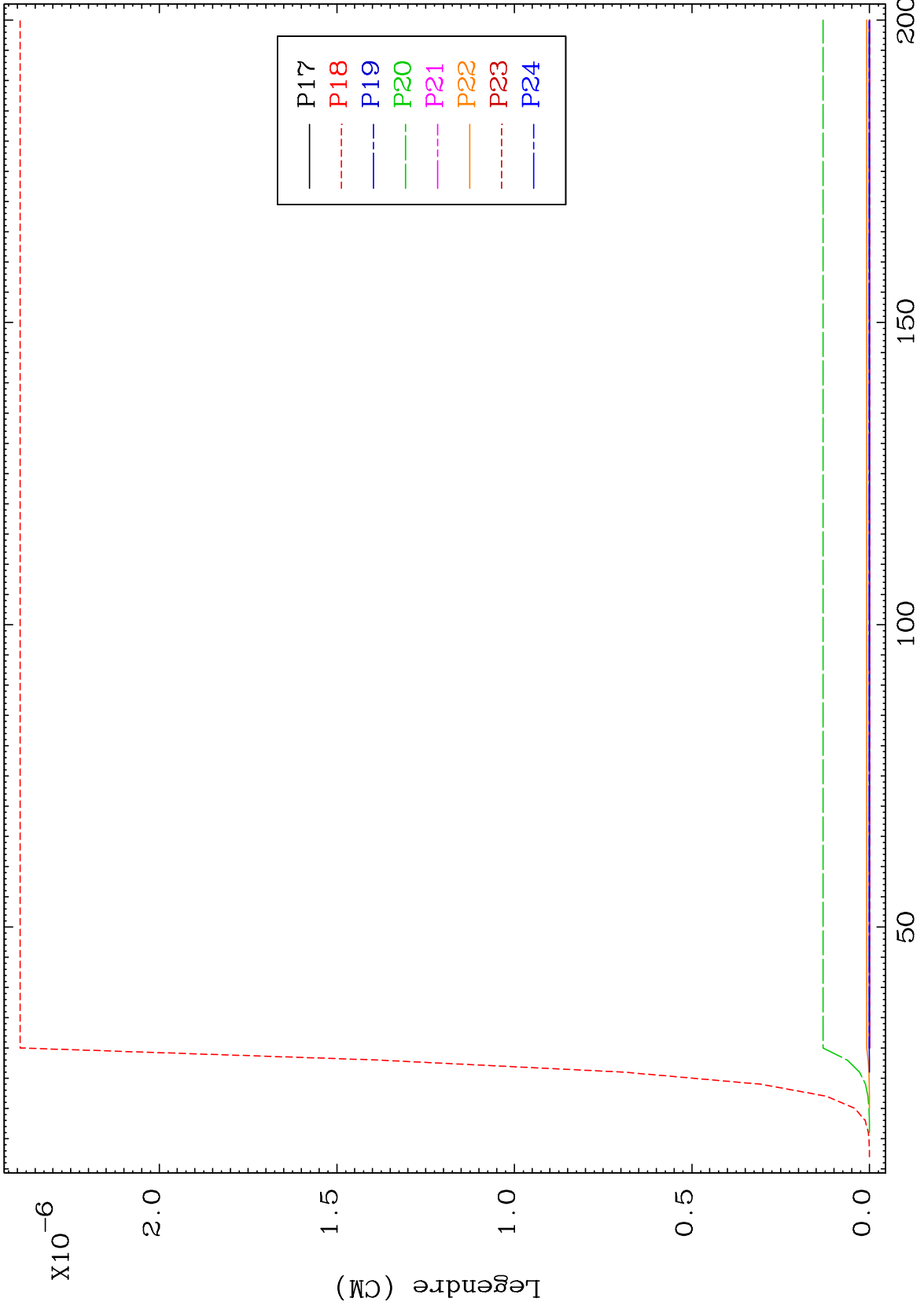
104

MAT 4916 MT= 76 (n,n') Level Legendre Coefficients 49-In-110



105 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 76 (n,n') Level Legendre Coefficients 49-In-110

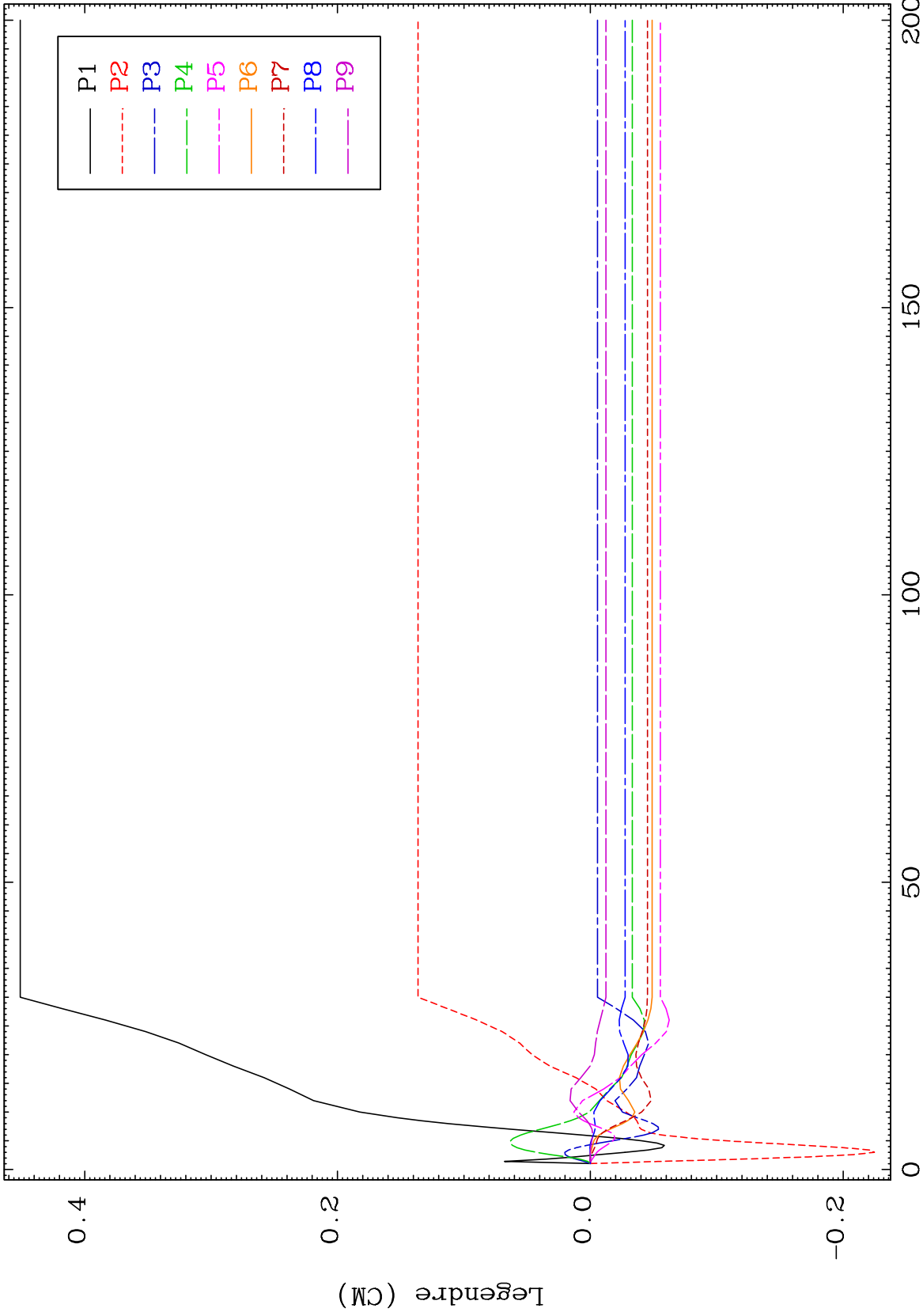


106 Incident Energy (MeV) 49-In-110

MAT 4916

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

49-In-110

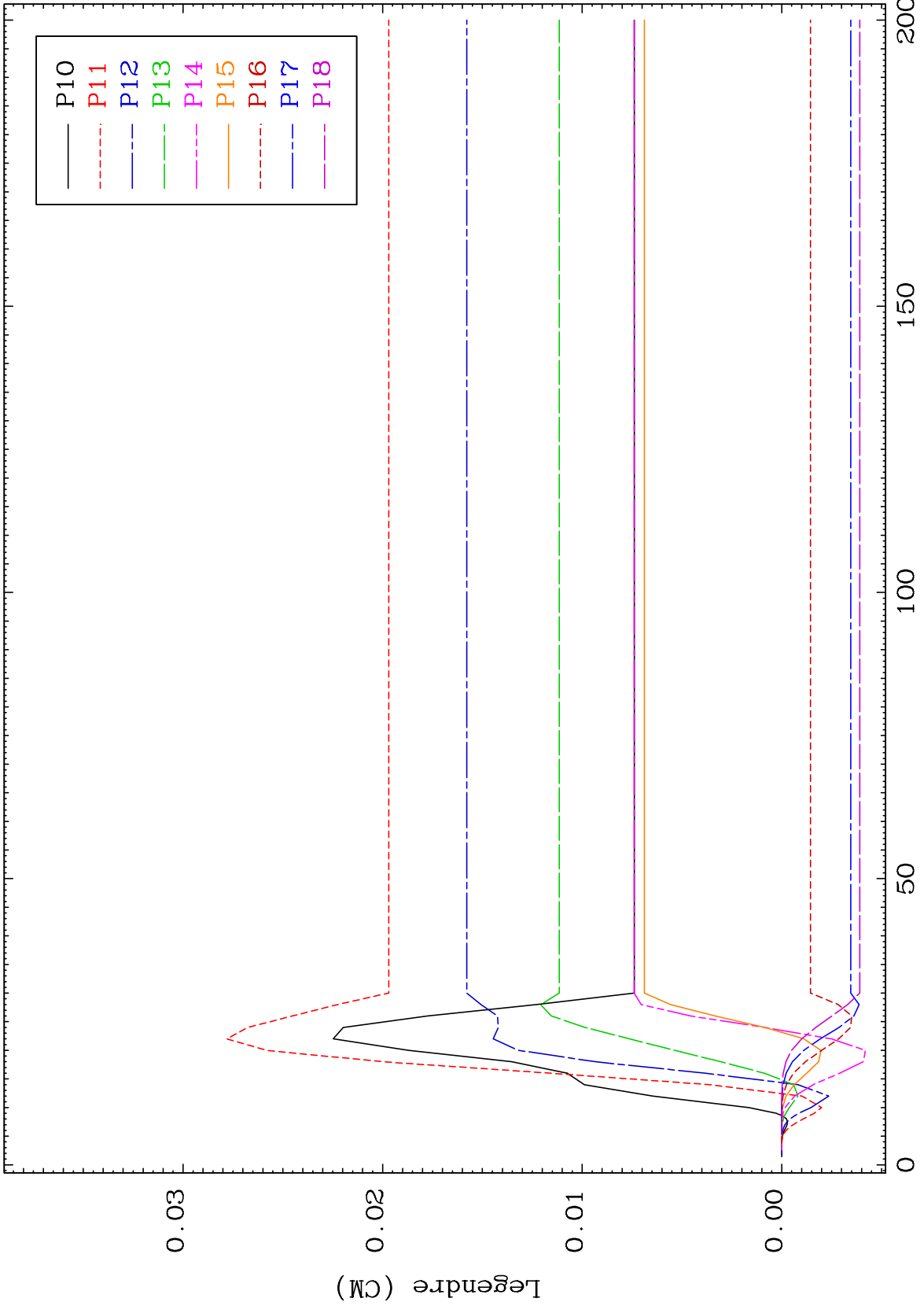


107

Incident Energy (MeV)

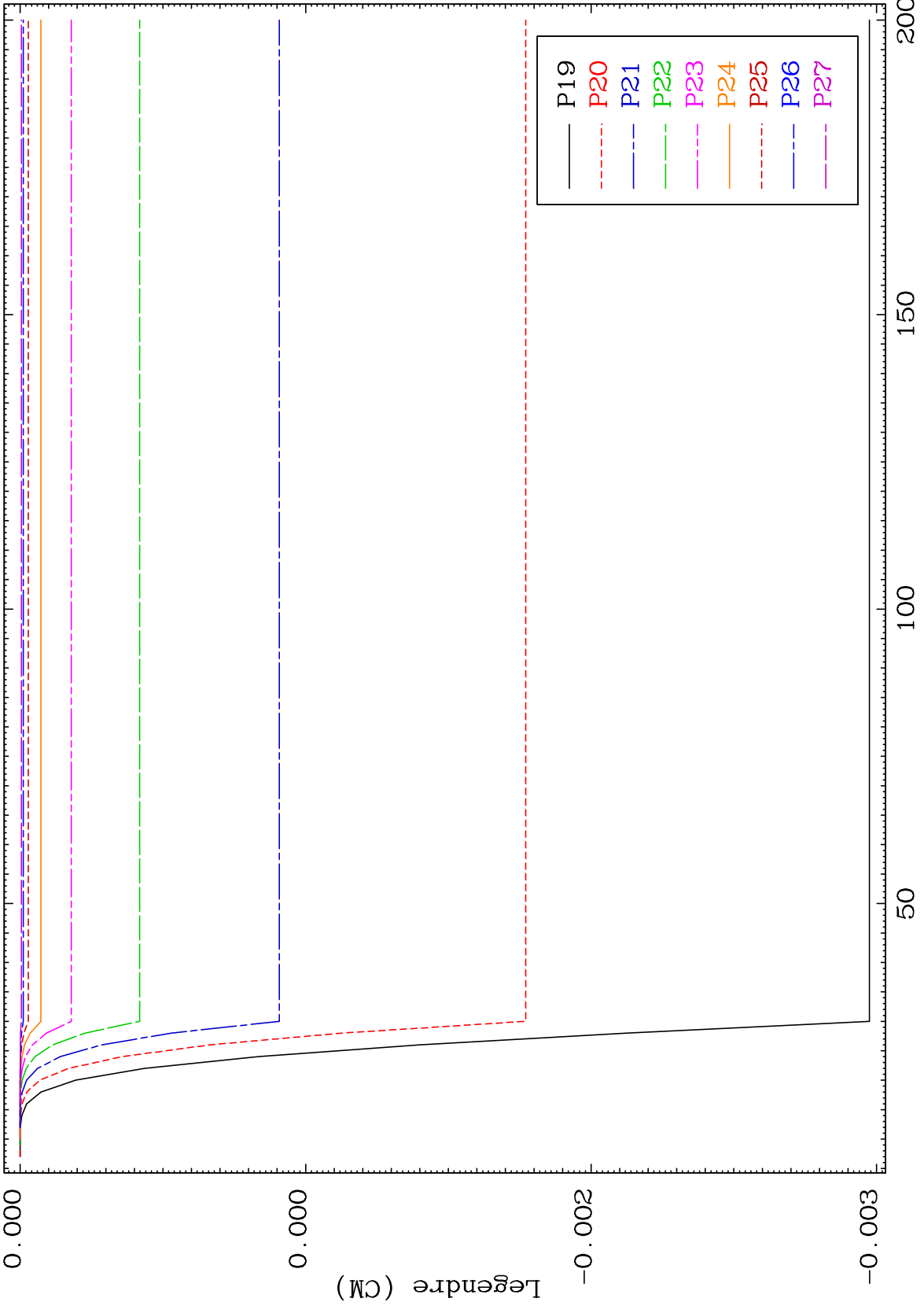
49-In-110

MAT 4916 MT= 77 (n,n') Level Legendre Coefficients 49-In-110



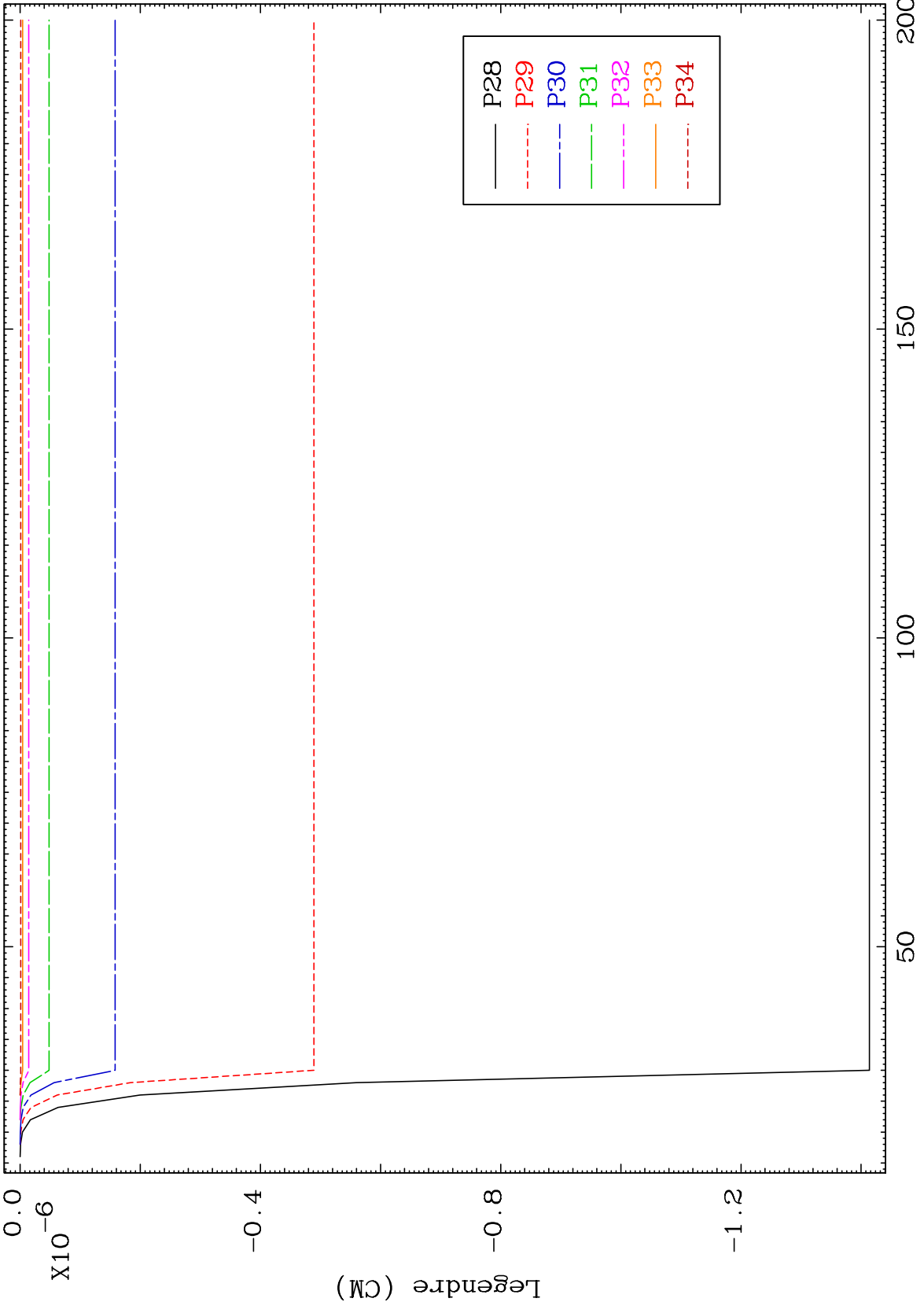
108 49-In-110

MAT 4916 MT= 77 (n,n') Level Legendre Coefficients 49-In-110



109 Incident Energy (MeV) 49-In-110

MAT 4916 MT= 77 (n,n') Level Legendre Coefficients 49-In-110

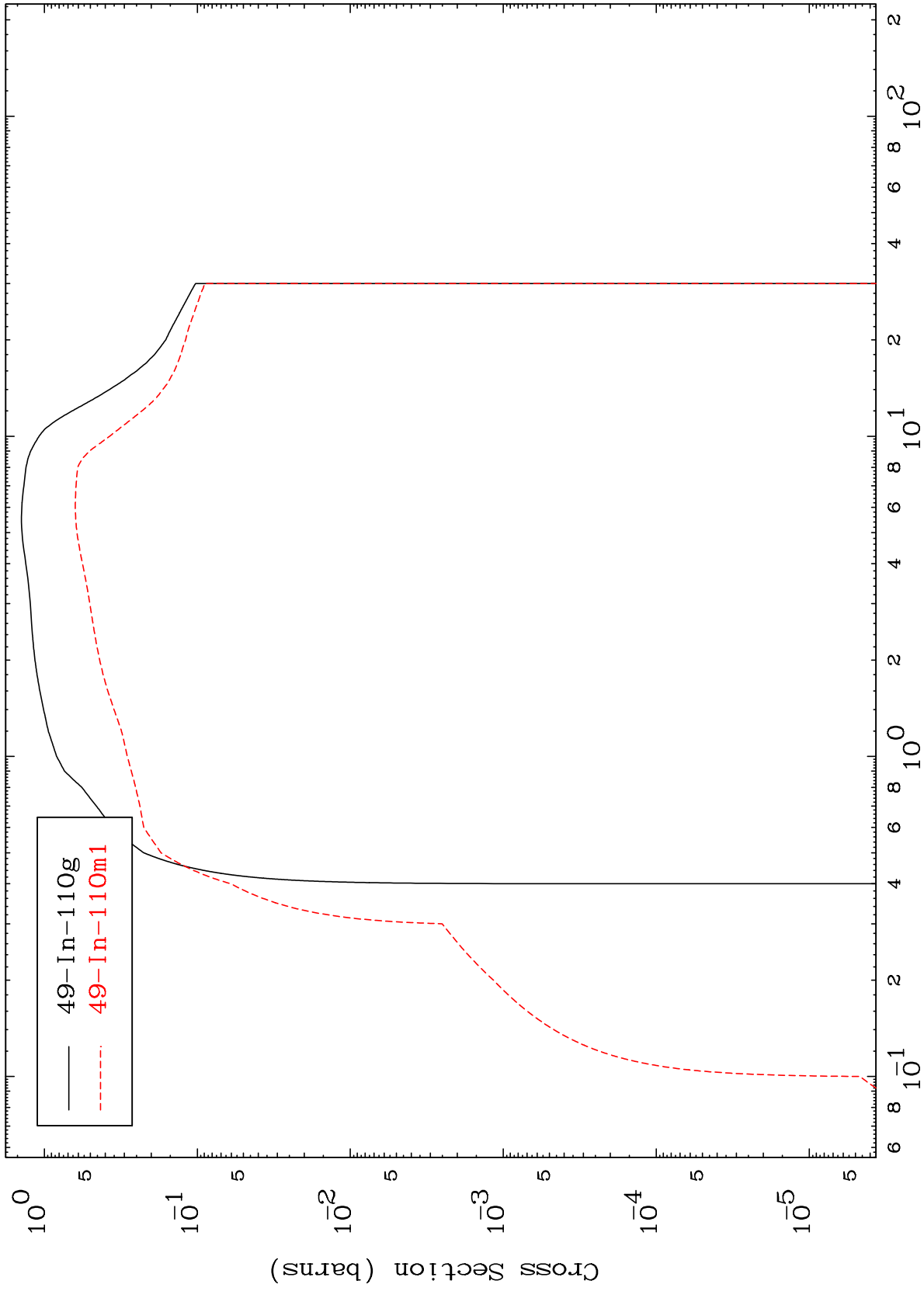


110 49-In-110

MAT 4916

49-In-110

# Radionuclide Production Cross Section



111

49-In-110

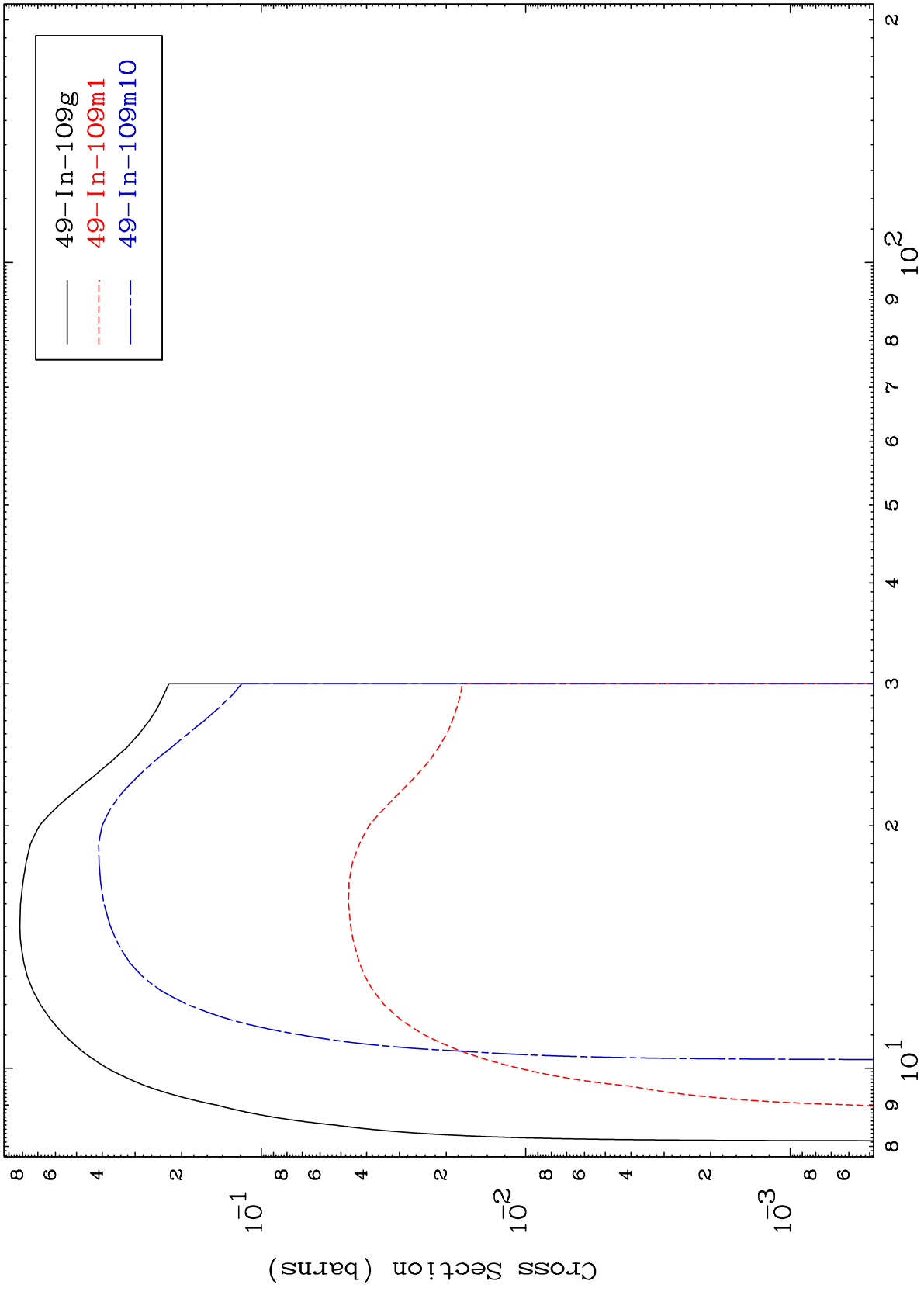


MAT 4916

(n,2n)

49-In-110

Radionuclide Production Cross Section



112

Incident Energy (MeV)

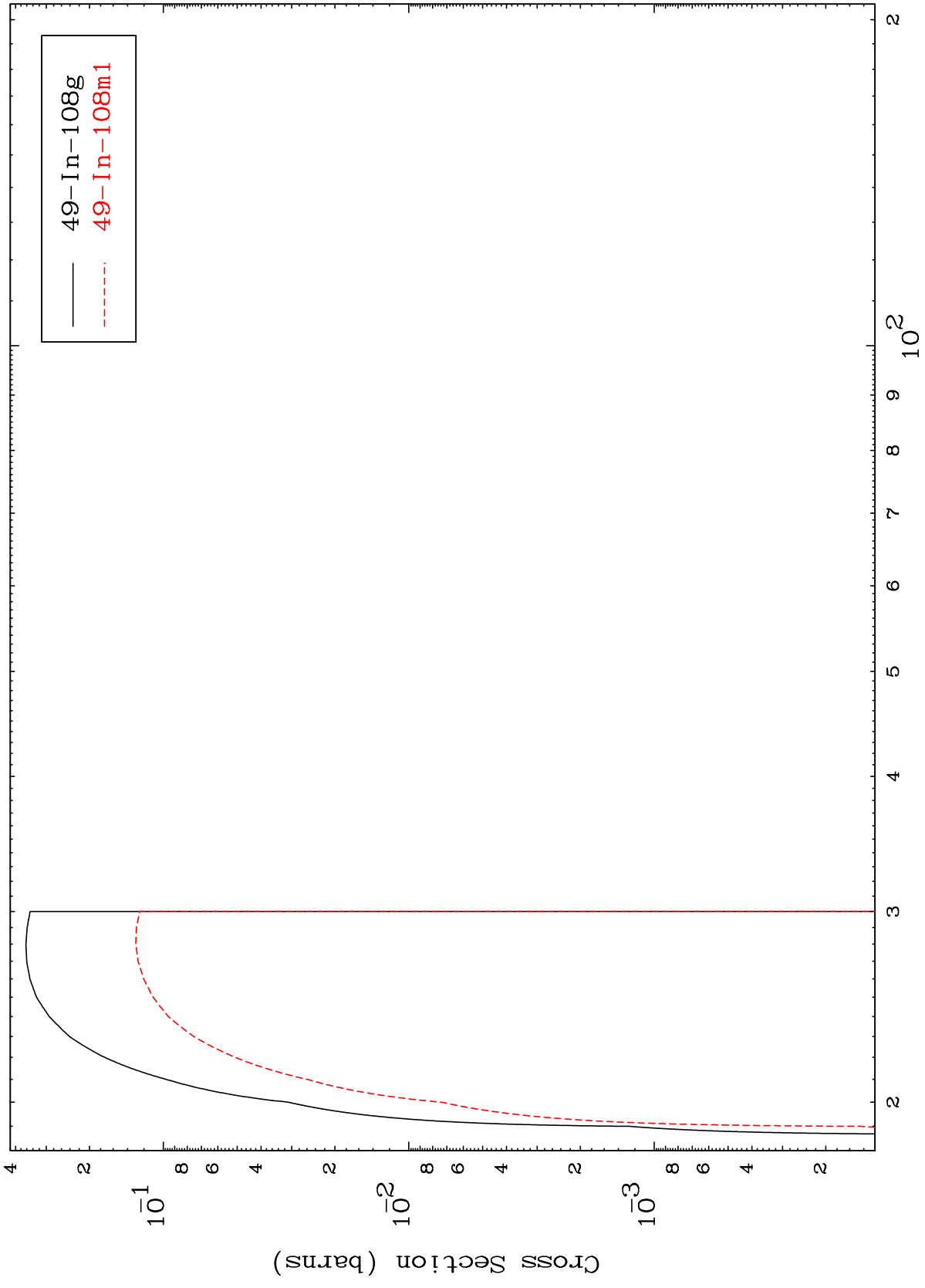
49-In-110

MAT 4916

(n,3n)

49-In-110

Radionuclide Production Cross Section



113

Incident Energy (MeV)

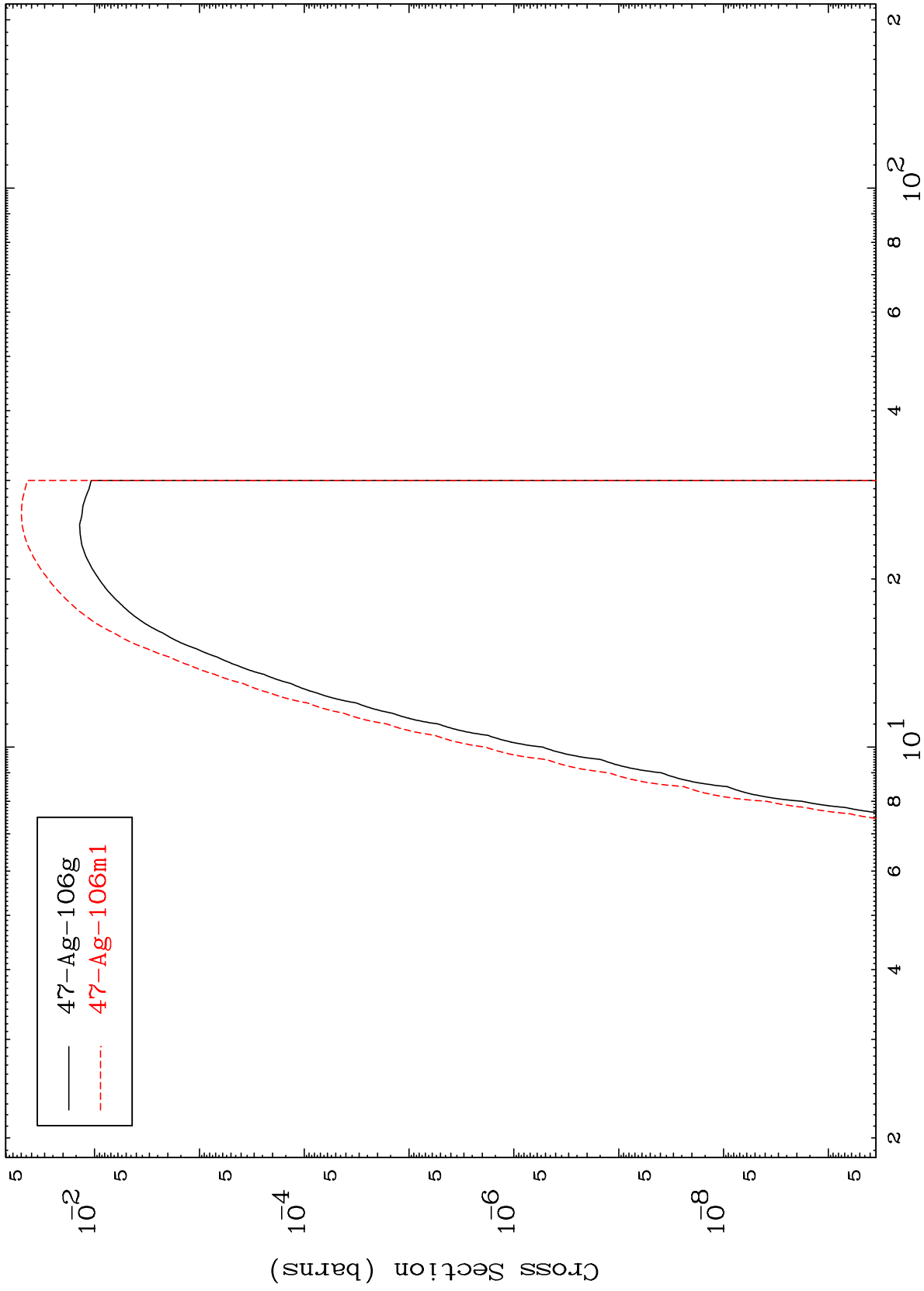
49-In-110

MAT 4916

(n,n')  $\alpha$

49-In-110

Radionuclide Production Cross Section



114

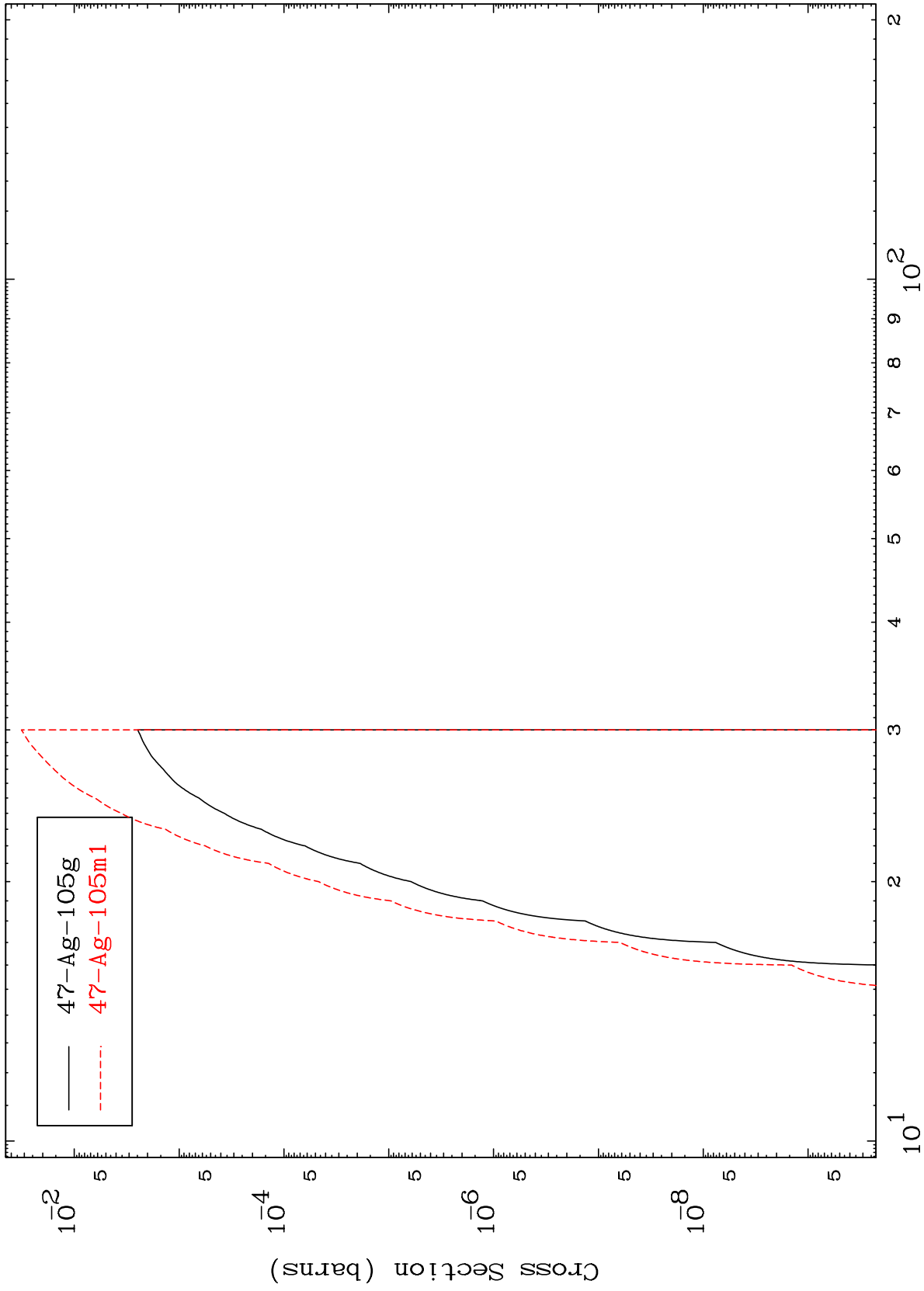
49-In-110

MAT 4916

(n,2n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



115

Incident Energy (MeV)

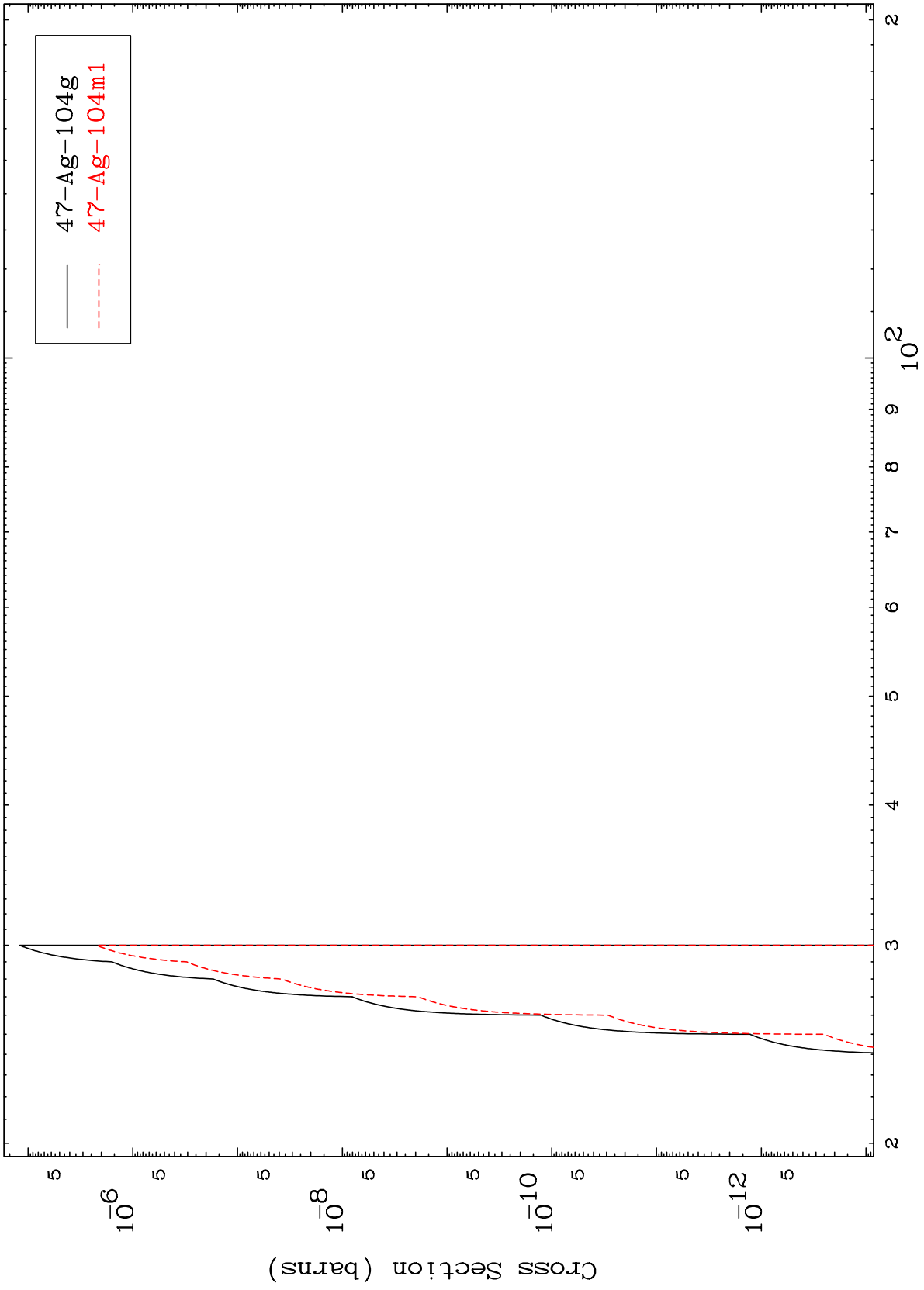
49-In-110

MAT 4916

(n,3n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



116

Incident Energy (MeV)

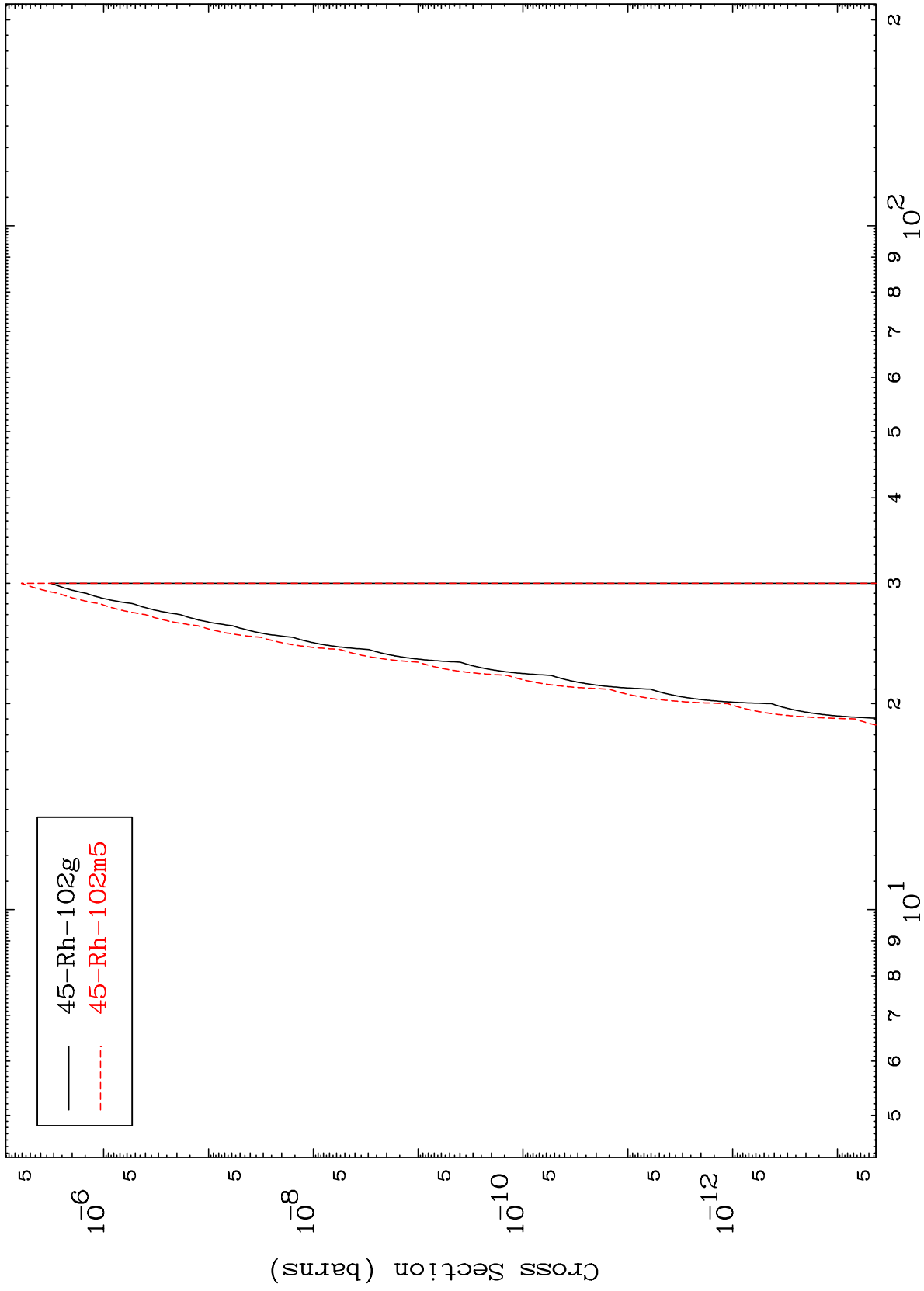
49-In-110

MAT 4916

(n, n') 2 $\alpha$

49-In-110

Radionuclide Production Cross Section



117

Incident Energy (MeV)

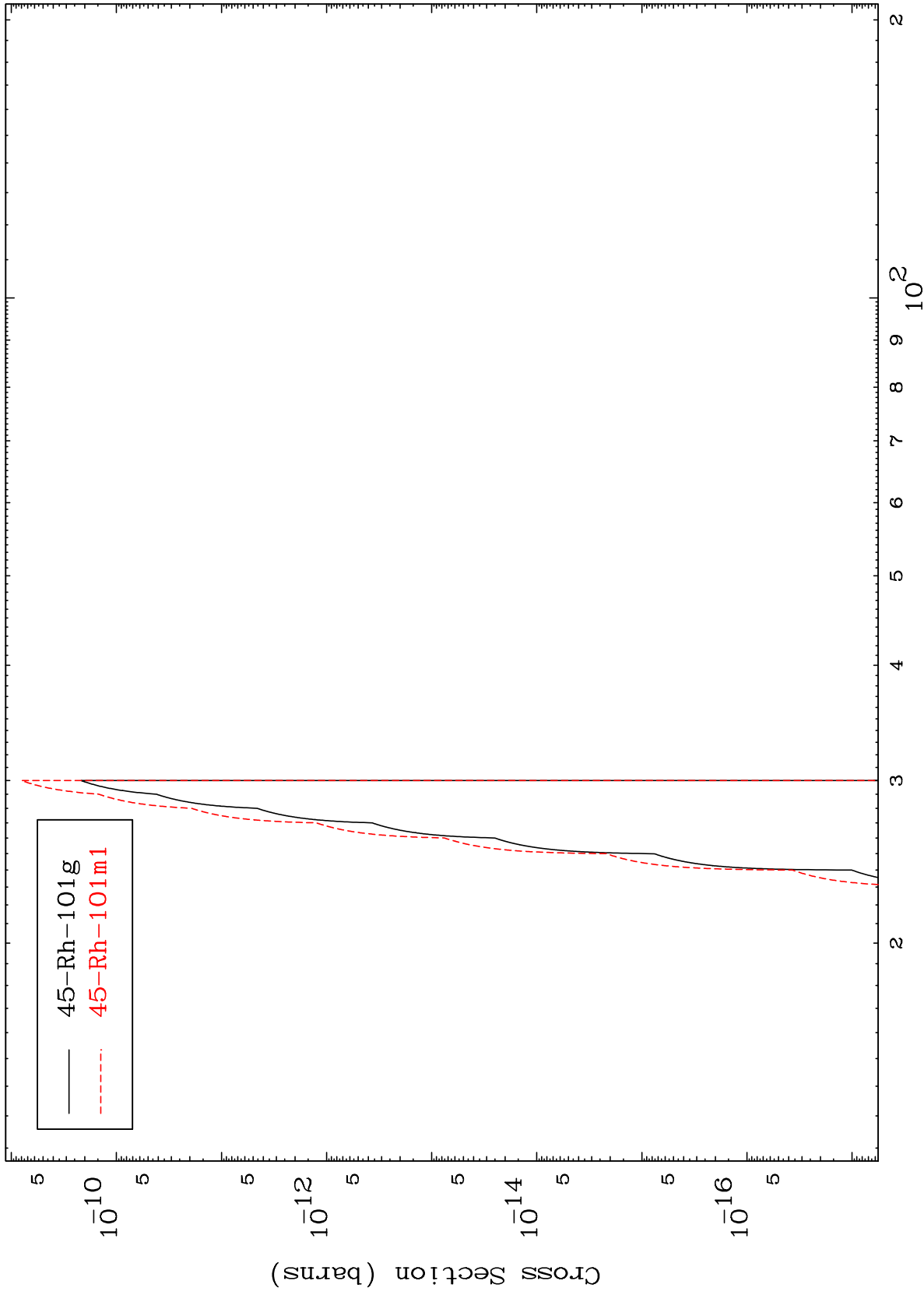
49-In-110

MAT 4916

(n,2n) 2 $\alpha$

49-In-110

Radionuclide Production Cross Section



118

Incident Energy (MeV)

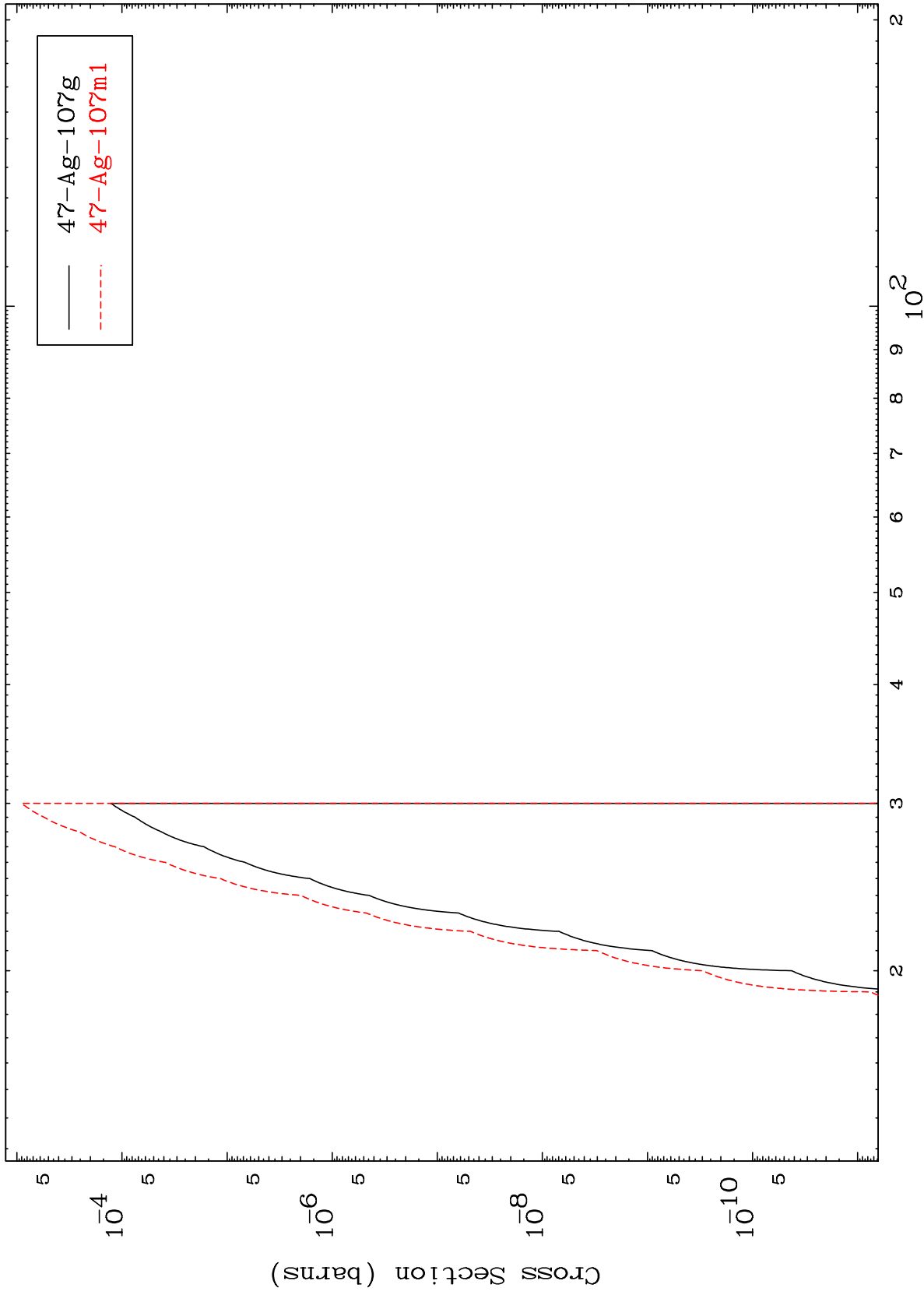
49-In-110

MAT 4916

(n, n') He-3

49-In-110

Radionuclide Production Cross Section



119

Incident Energy (MeV)

49-In-110

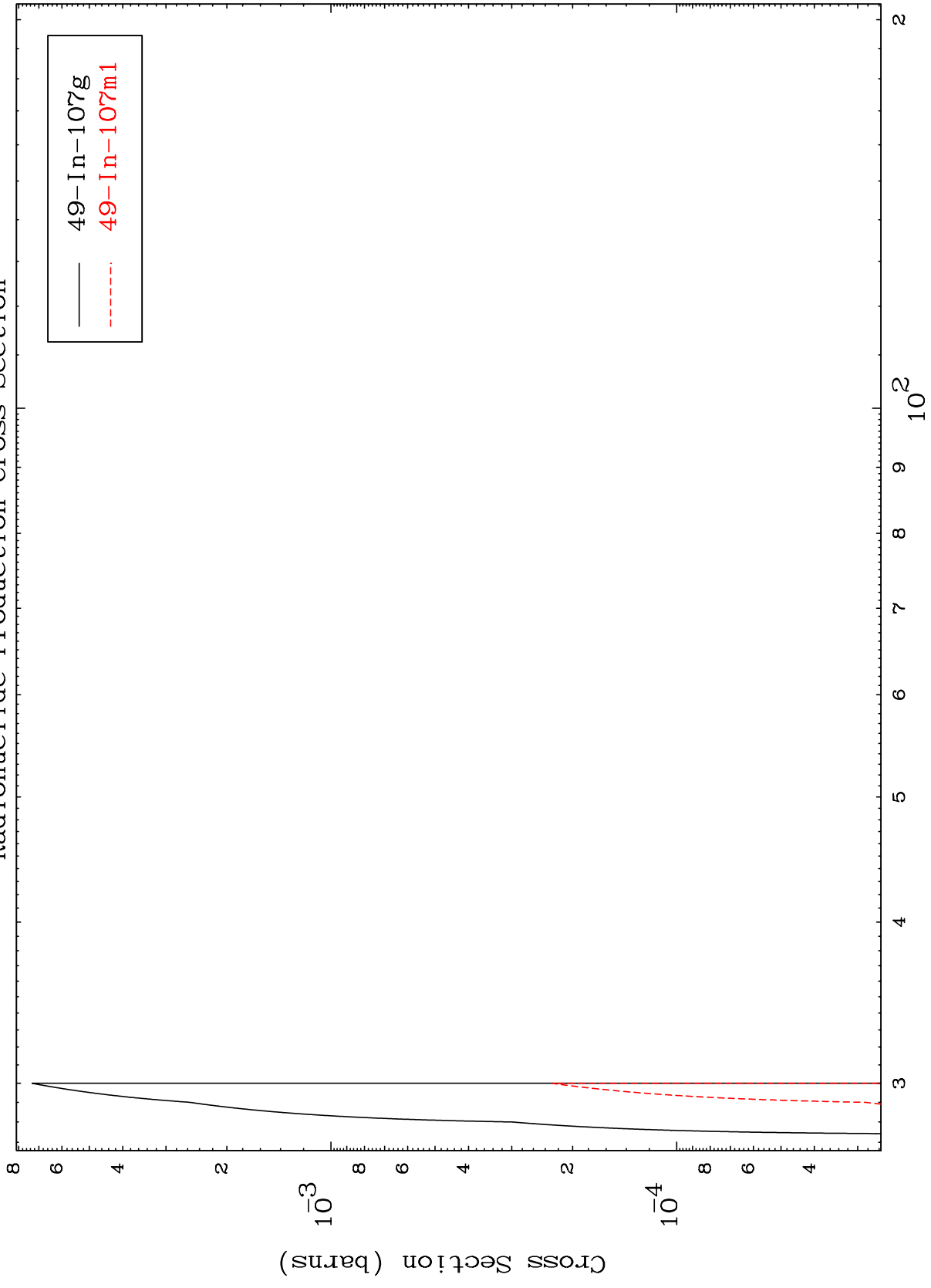


MAT 4916

(n,4n)

49-In-110

Radionuclide Production Cross Section



49-In-1107g  
49-In-1107m1

120

Incident Energy (MeV)

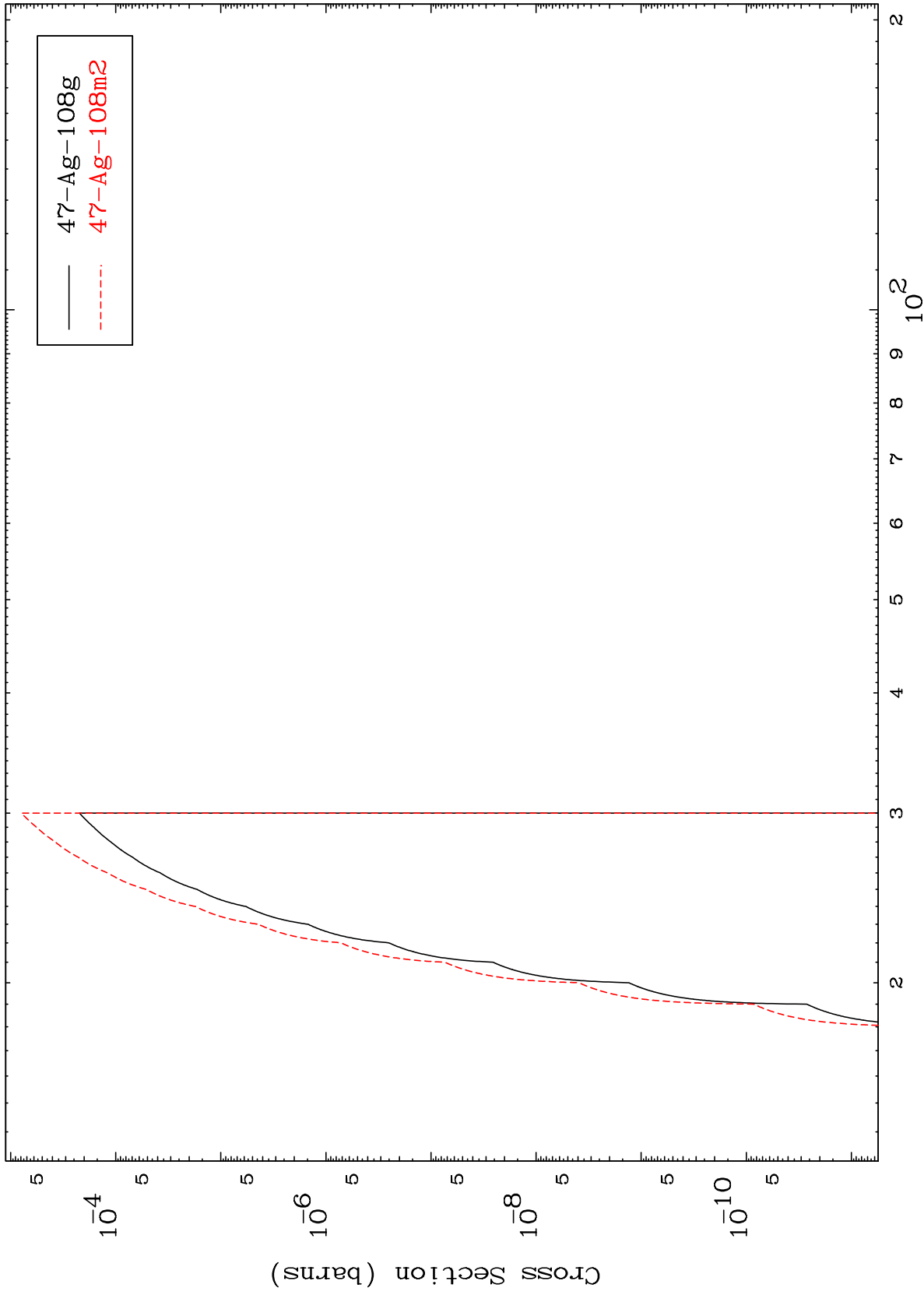
49-In-110

MAT 4916

(n,2n) p

49-In-110

Radionuclide Production Cross Section



121

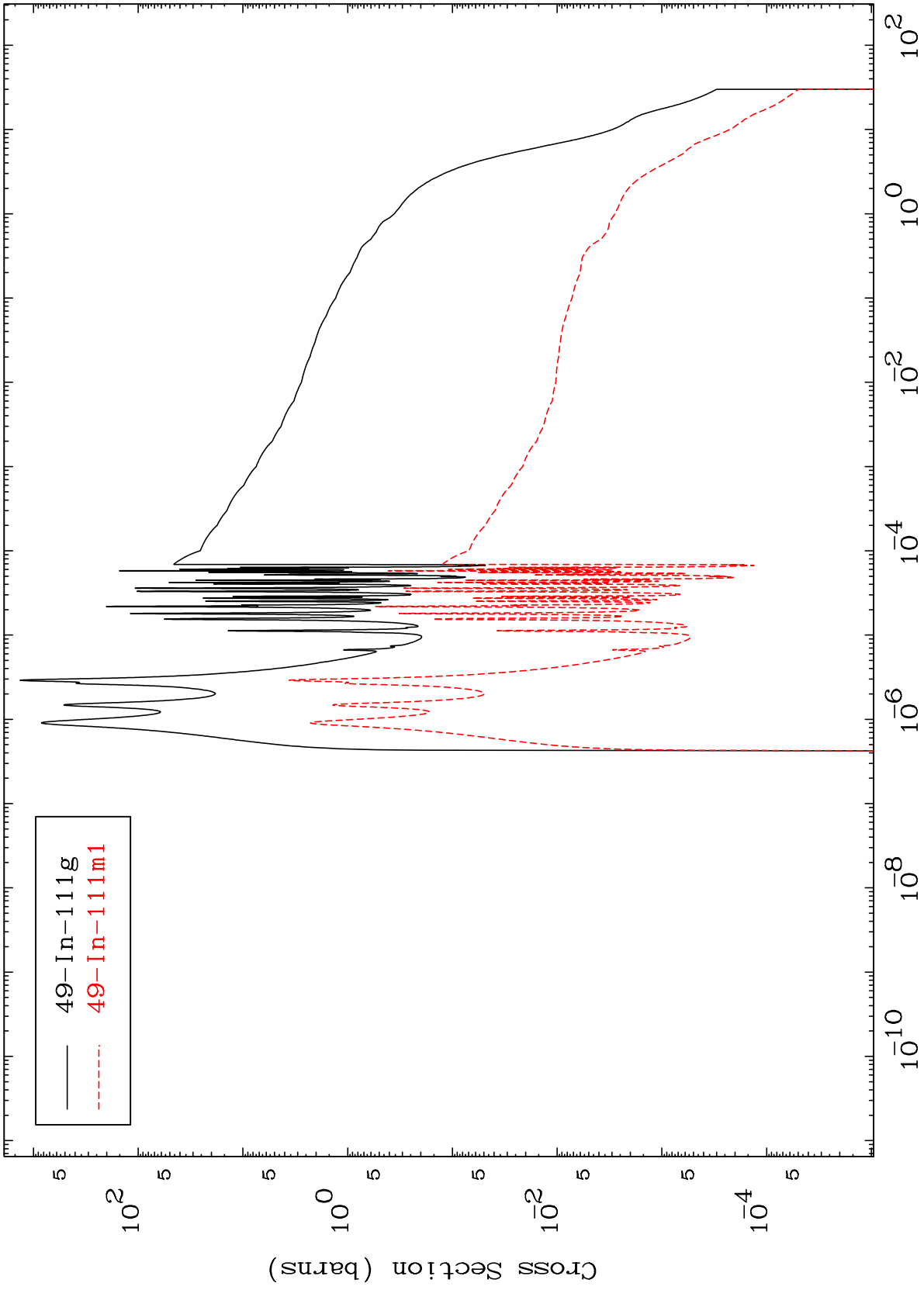
Incident Energy (MeV)

49-In-110

MAT 4916

49-In-110

Radionuclide Production Cross Section (n,γ)



122

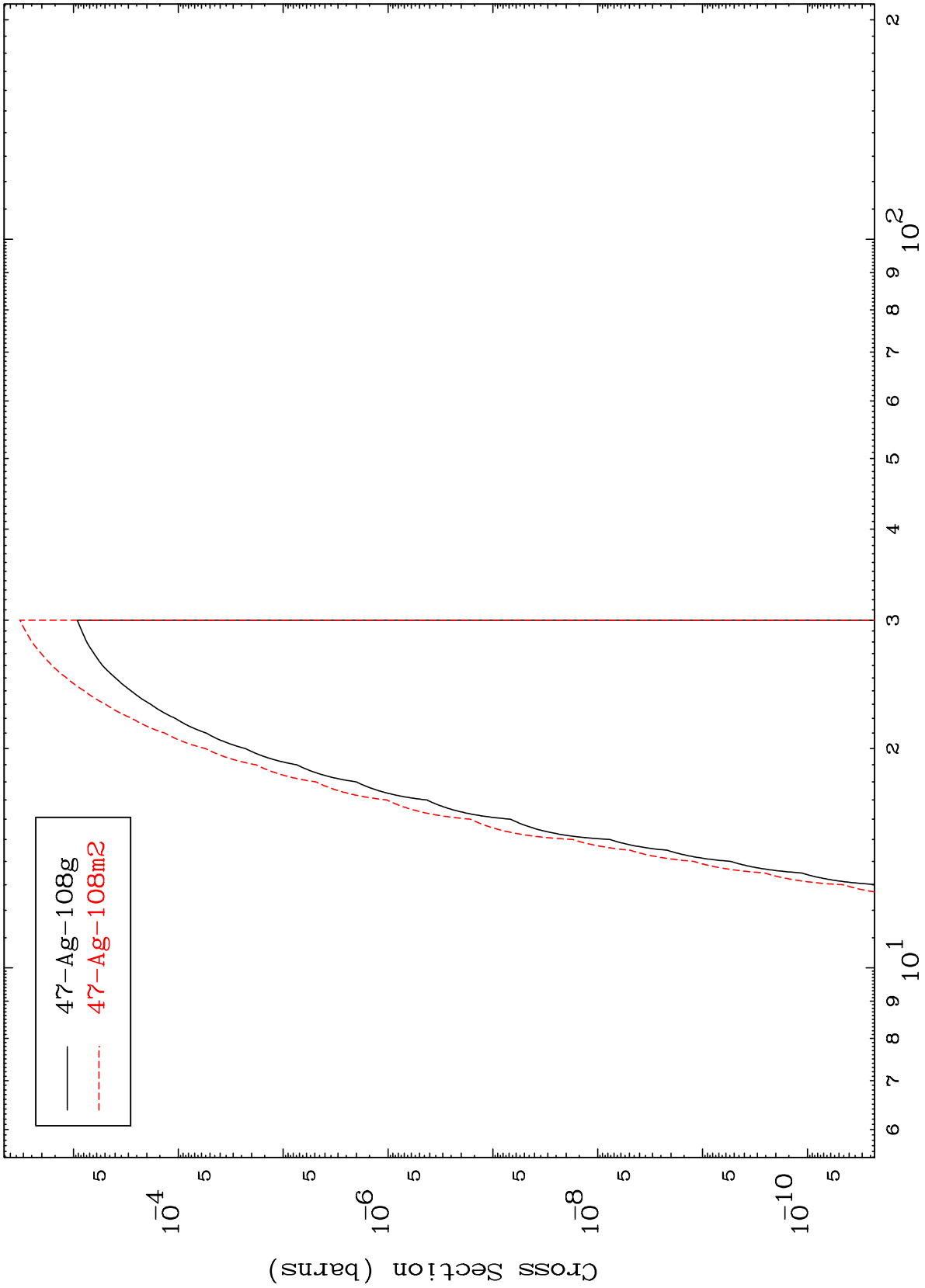
49-In-110

MAT 4916

(n,He-3)

49-In-110

Radionuclide Production Cross Section



123

Incident Energy (MeV)

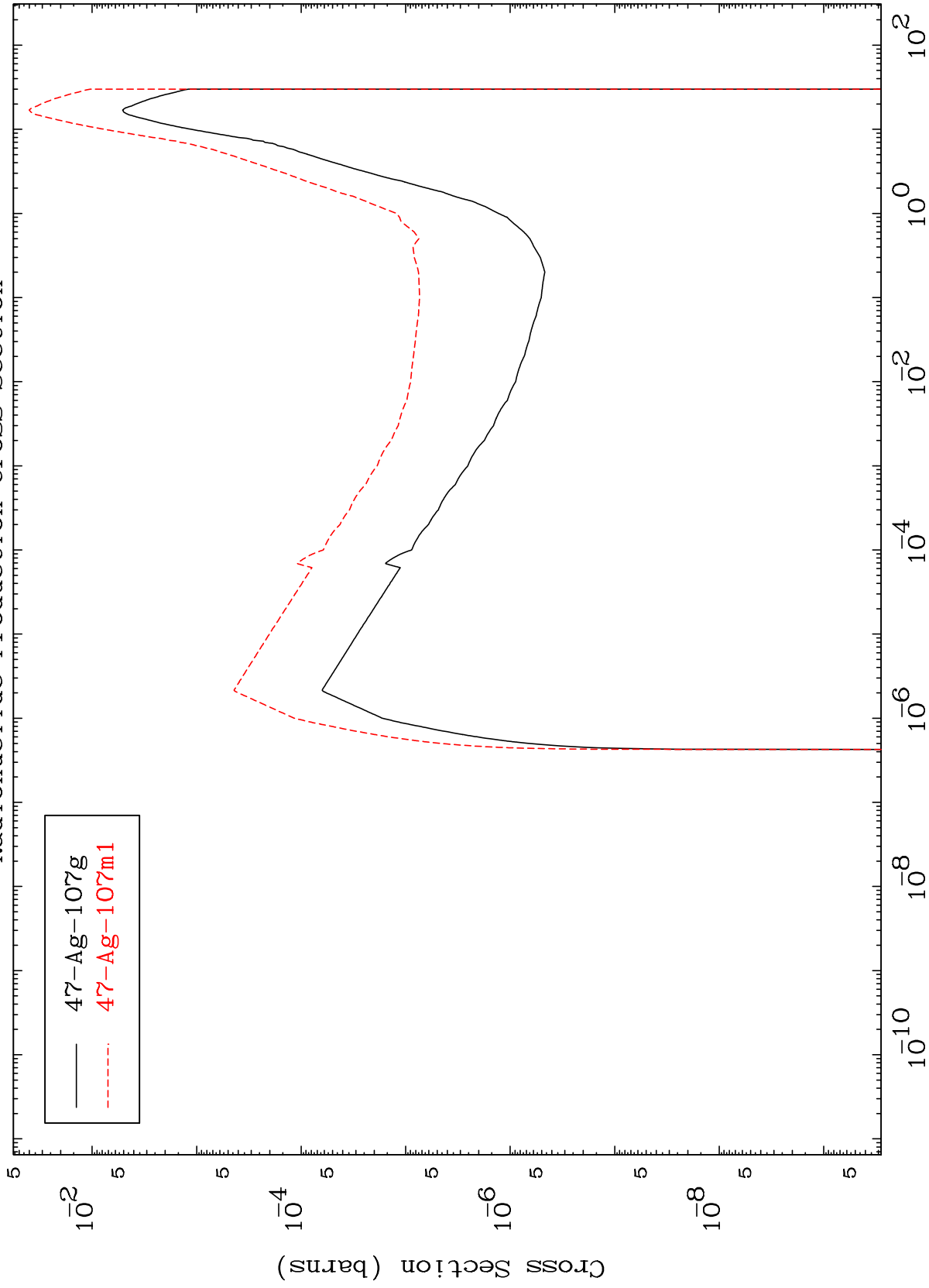
49-In-110

MAT 4916

(n,  $\alpha$ )

49-In-110

Radionuclide Production Cross Section

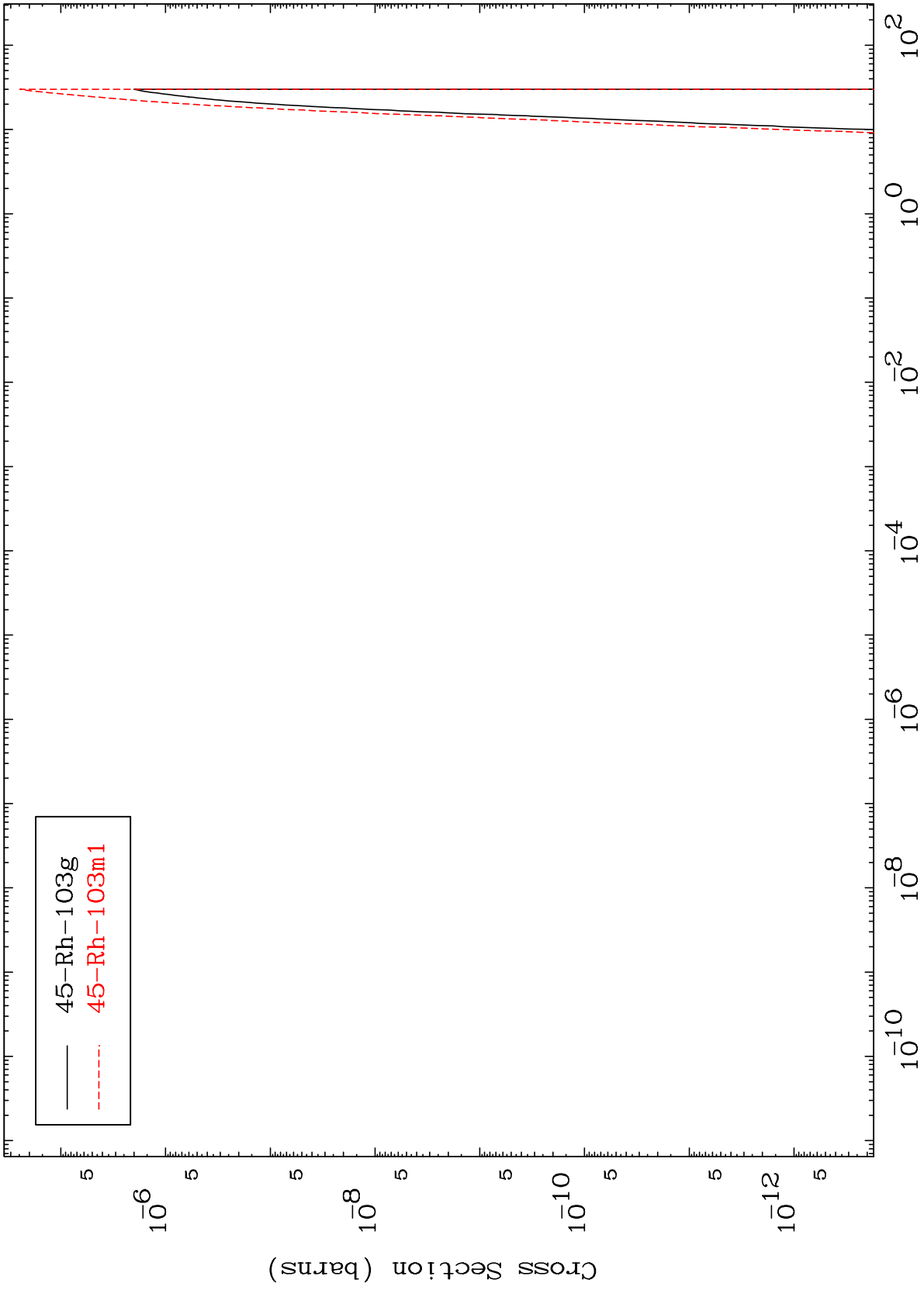


— 47-Ag-107g  
- - - 47-Ag-107m1

MAT 4916

Radionuclide Production Cross Section  
(n,2α)

49-In-110



125

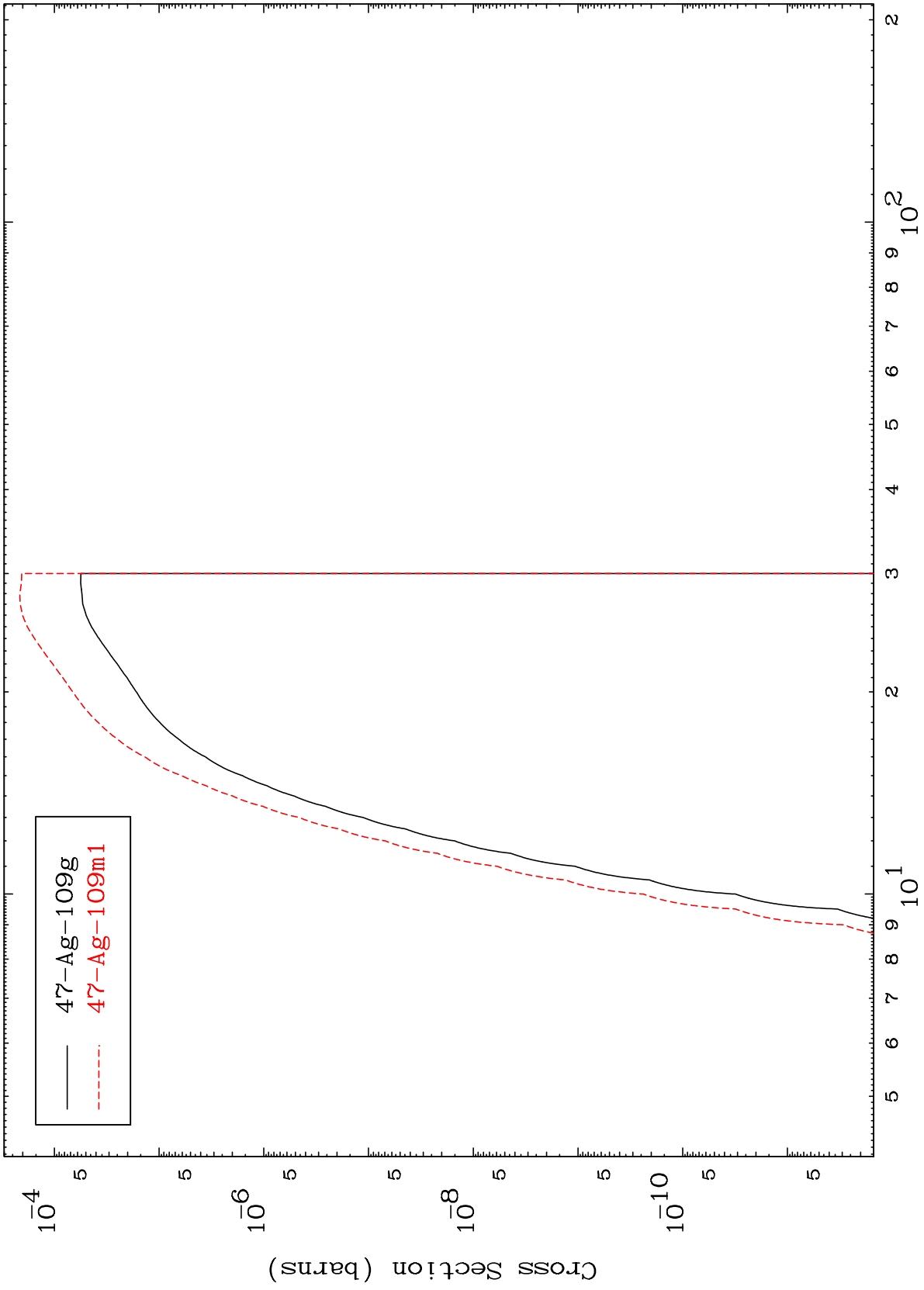
Incident Energy (MeV)

49-In-110

MAT 4916

49-In-110

Radionuclide Production Cross Section (n,2p)



126

49-In-110

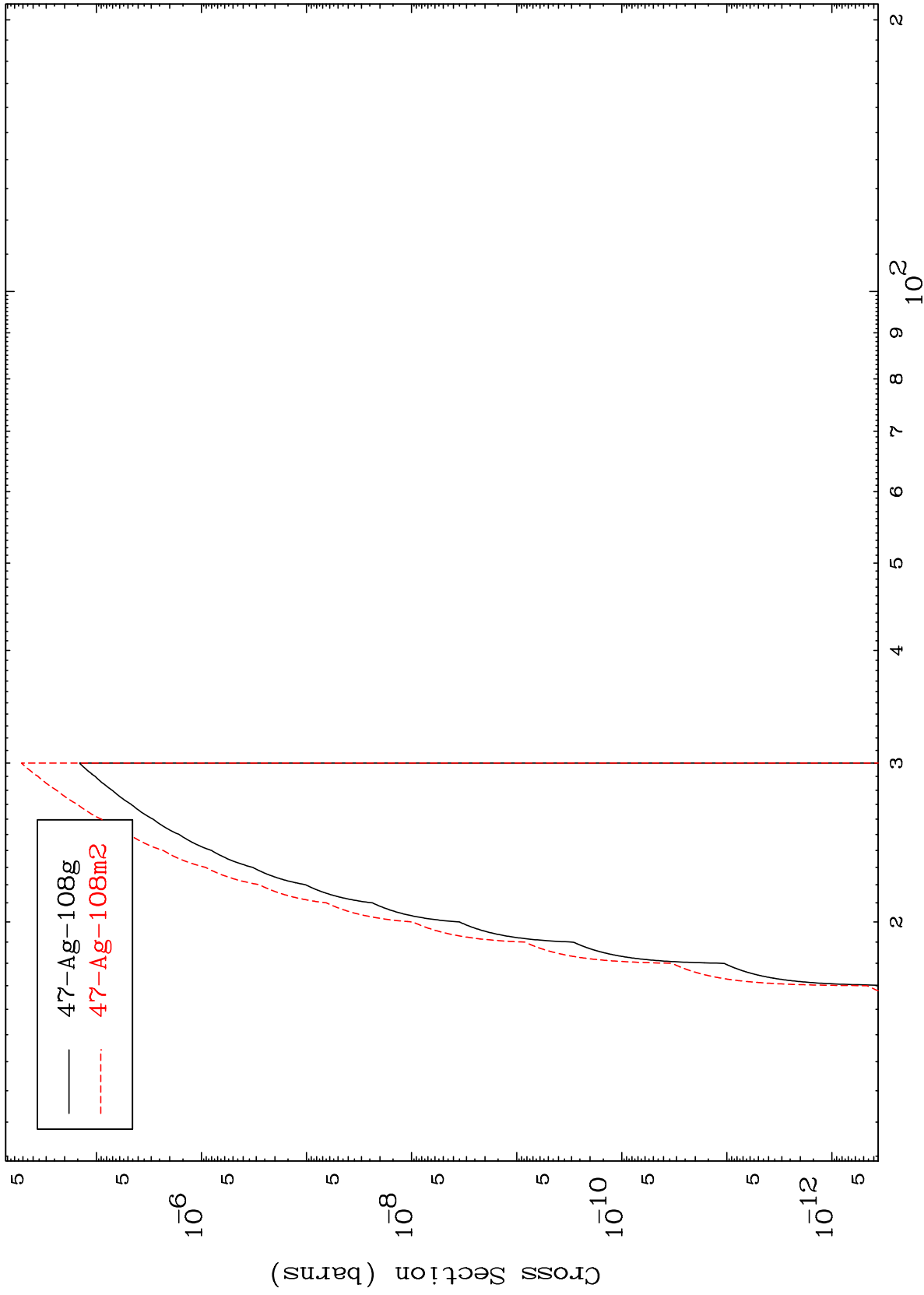
Incident Energy (MeV)

MAT 4916

(n,p) d

49-In-110

Radionuclide Production Cross Section



127

Incident Energy (MeV)

49-In-110

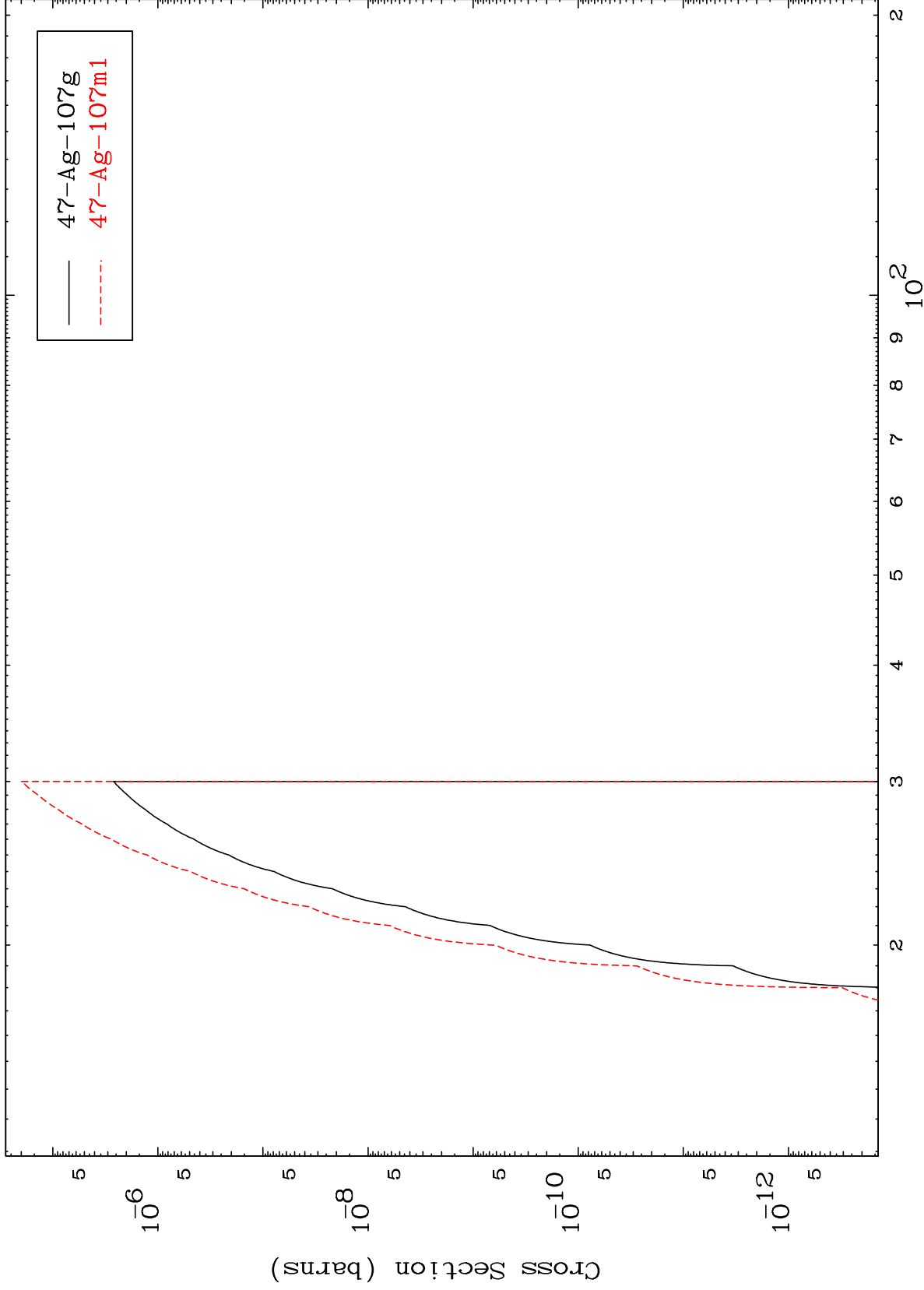


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49-In-110

Radionuclide Production Cross Section



128

Incident Energy (MeV)

49-In-110