

Program EVALPLOT
(Version 2018-1)

by

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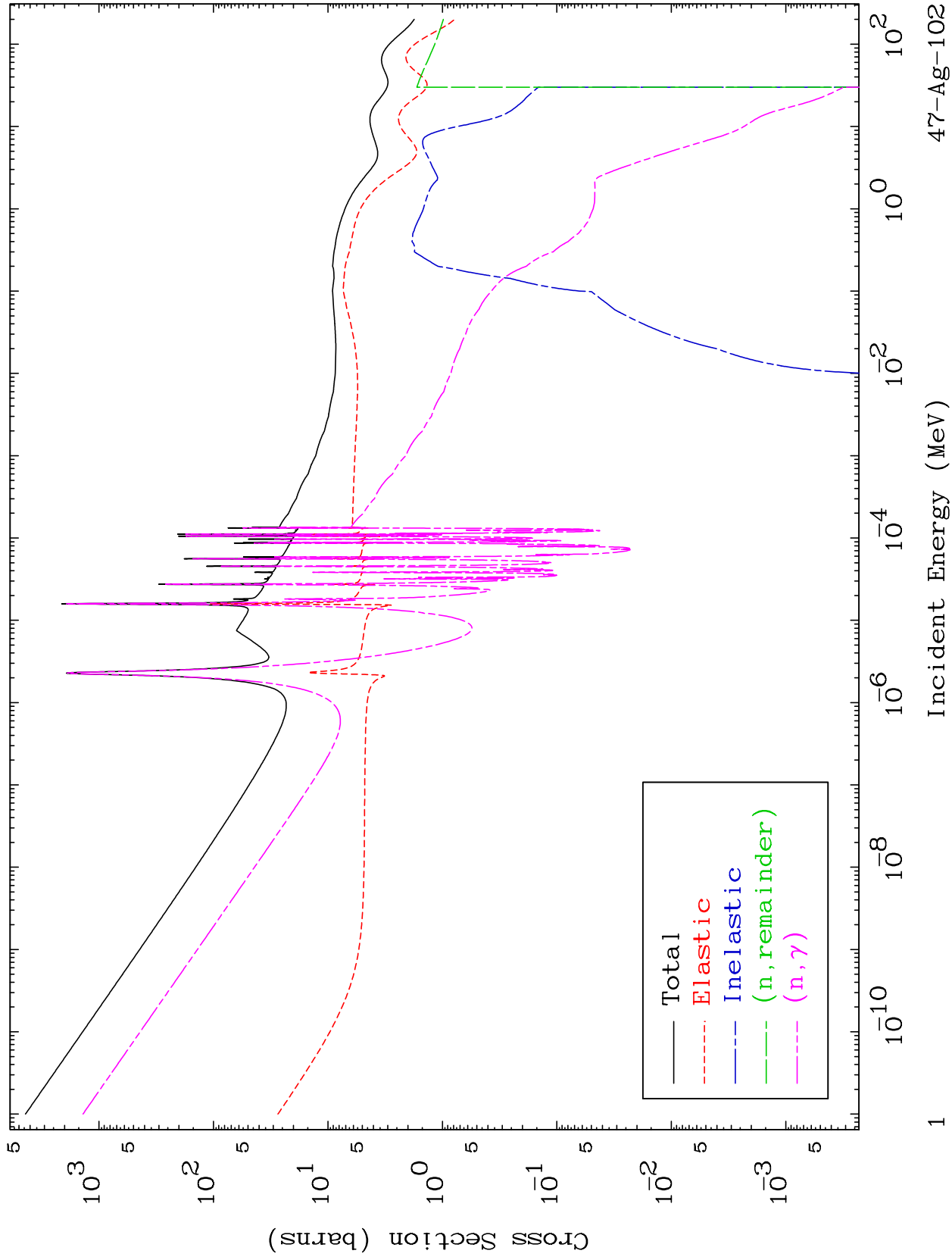
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4710

Major
293 Kelvin Cross Sections

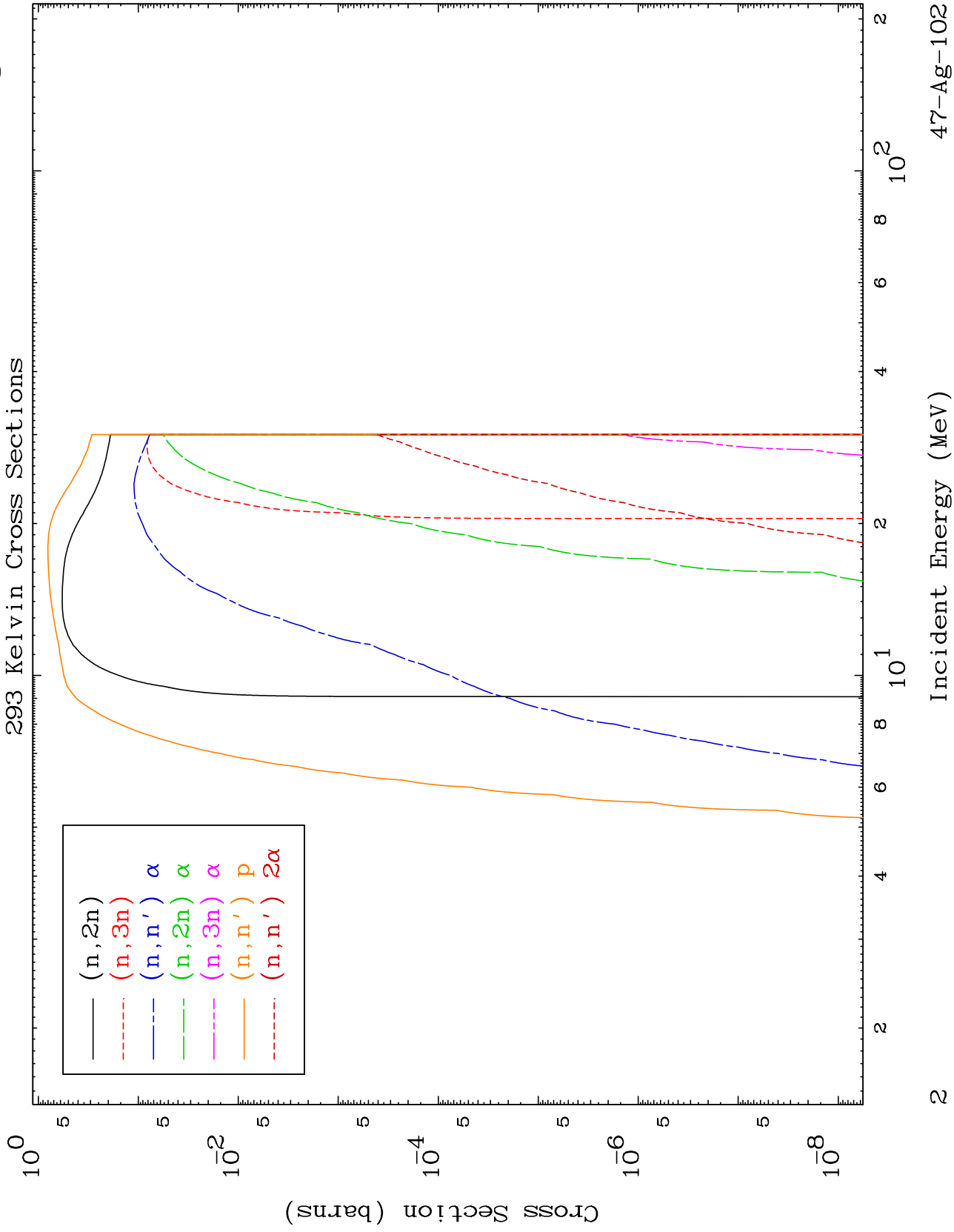
47-Ag-102



MAT 4710

Neutron Production
293 Kelvin Cross Sections

47-Ag-102



2

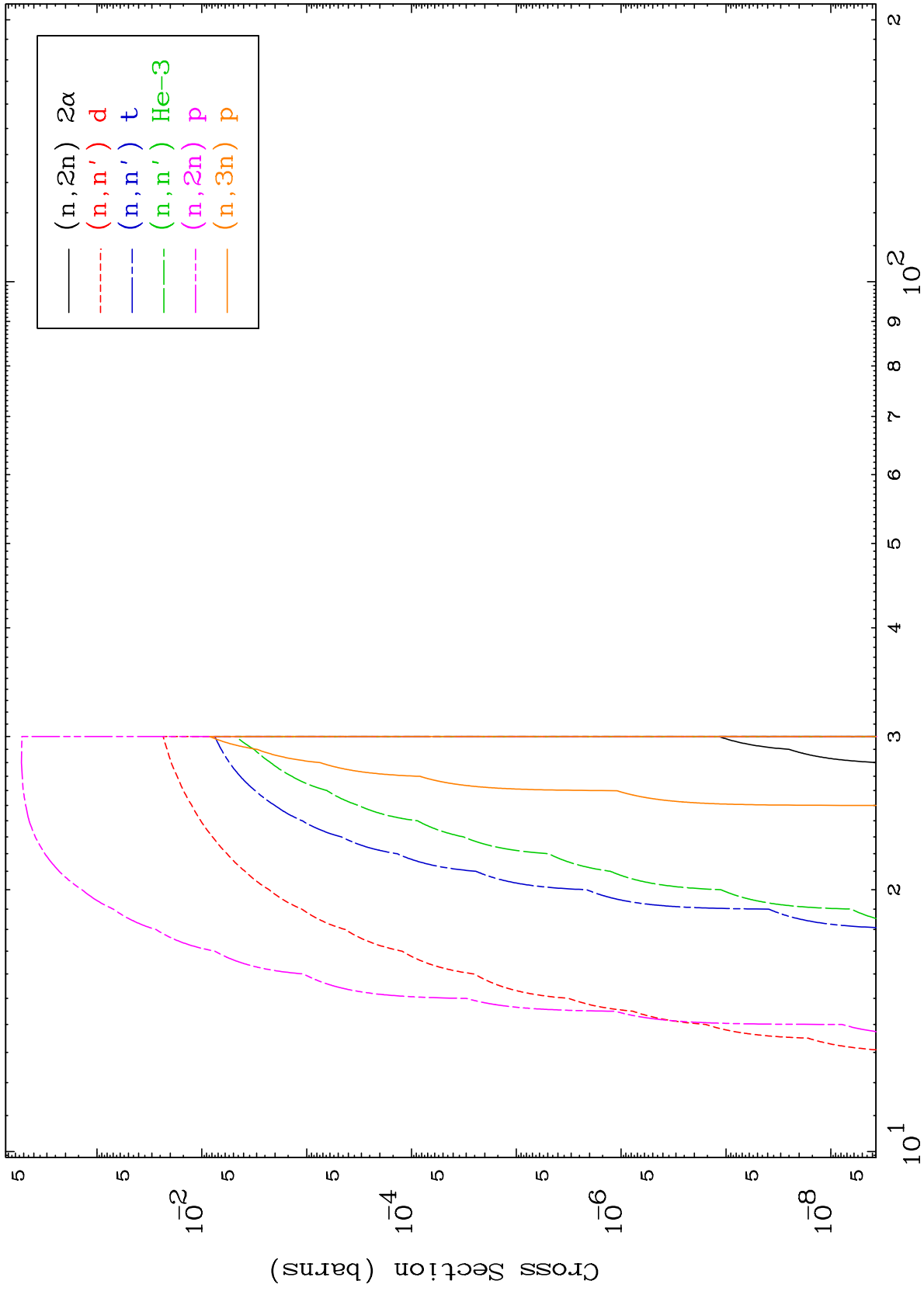
Incident Energy (MeV)

47-Ag-102

MAT 4710

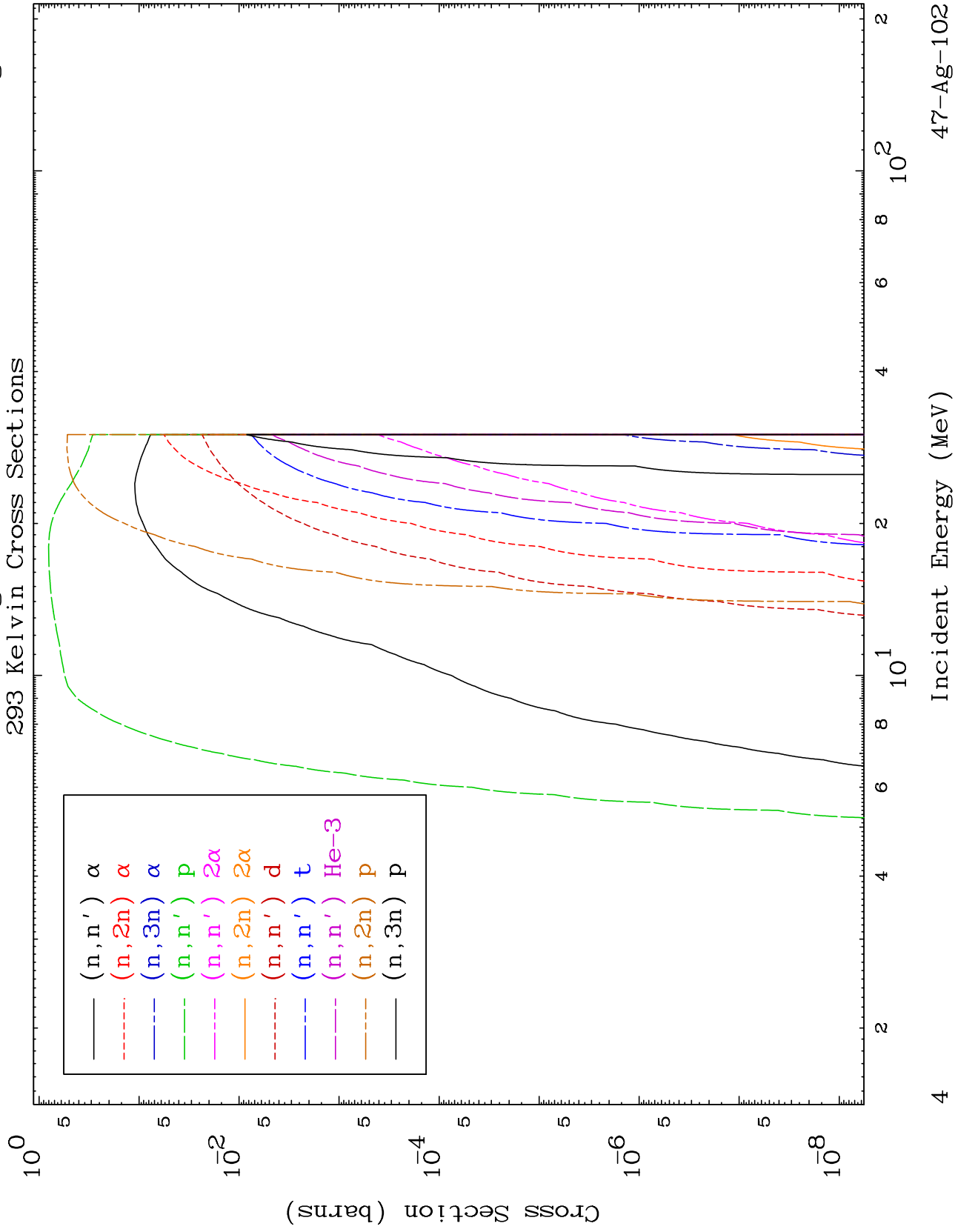
Neutron Production
293 Kelvin Cross Sections

47-Ag-102



Incident Energy (MeV)

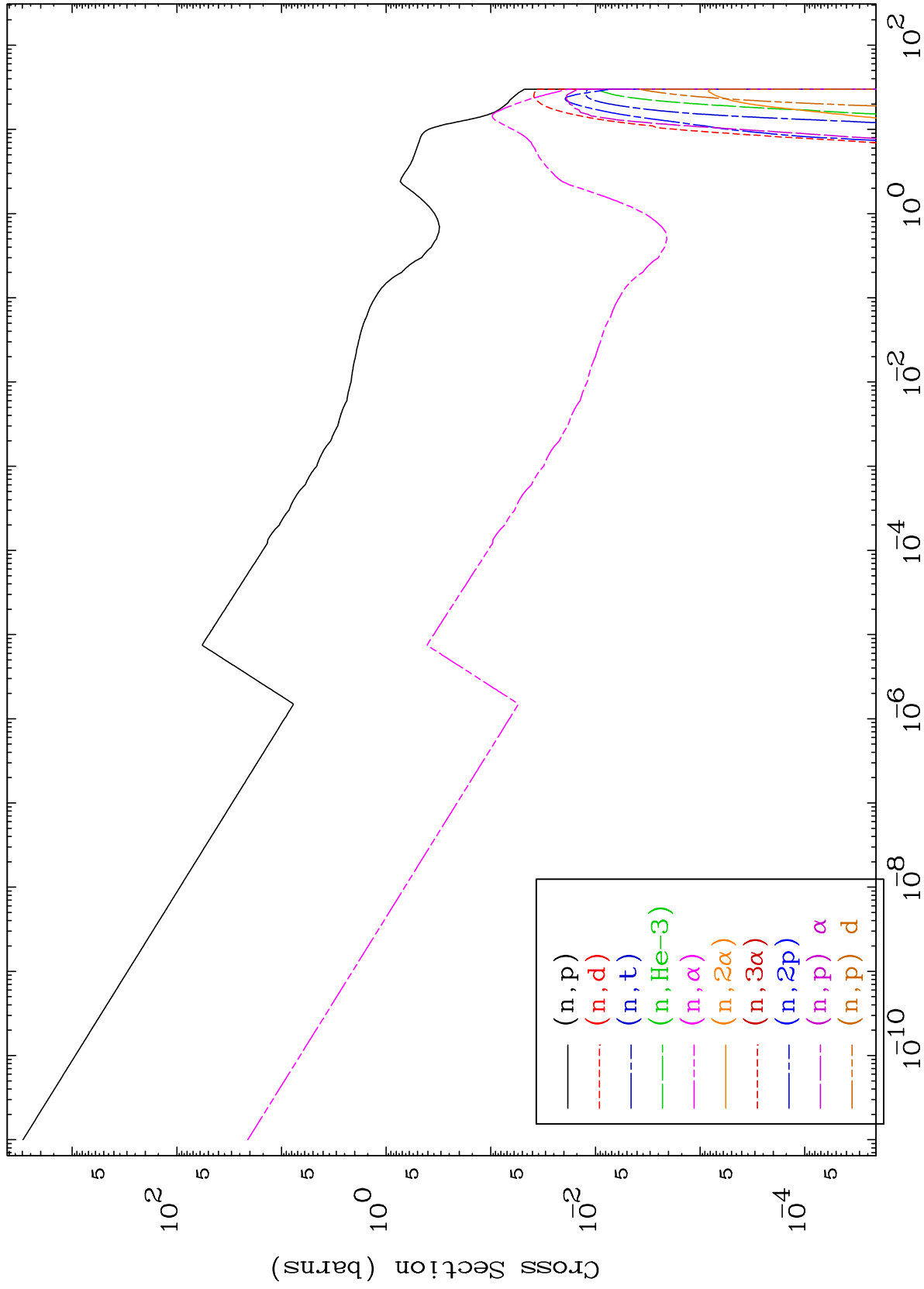
47-Ag-102



MAT 4710

Charged Particle
293 Kelvin Cross Sections

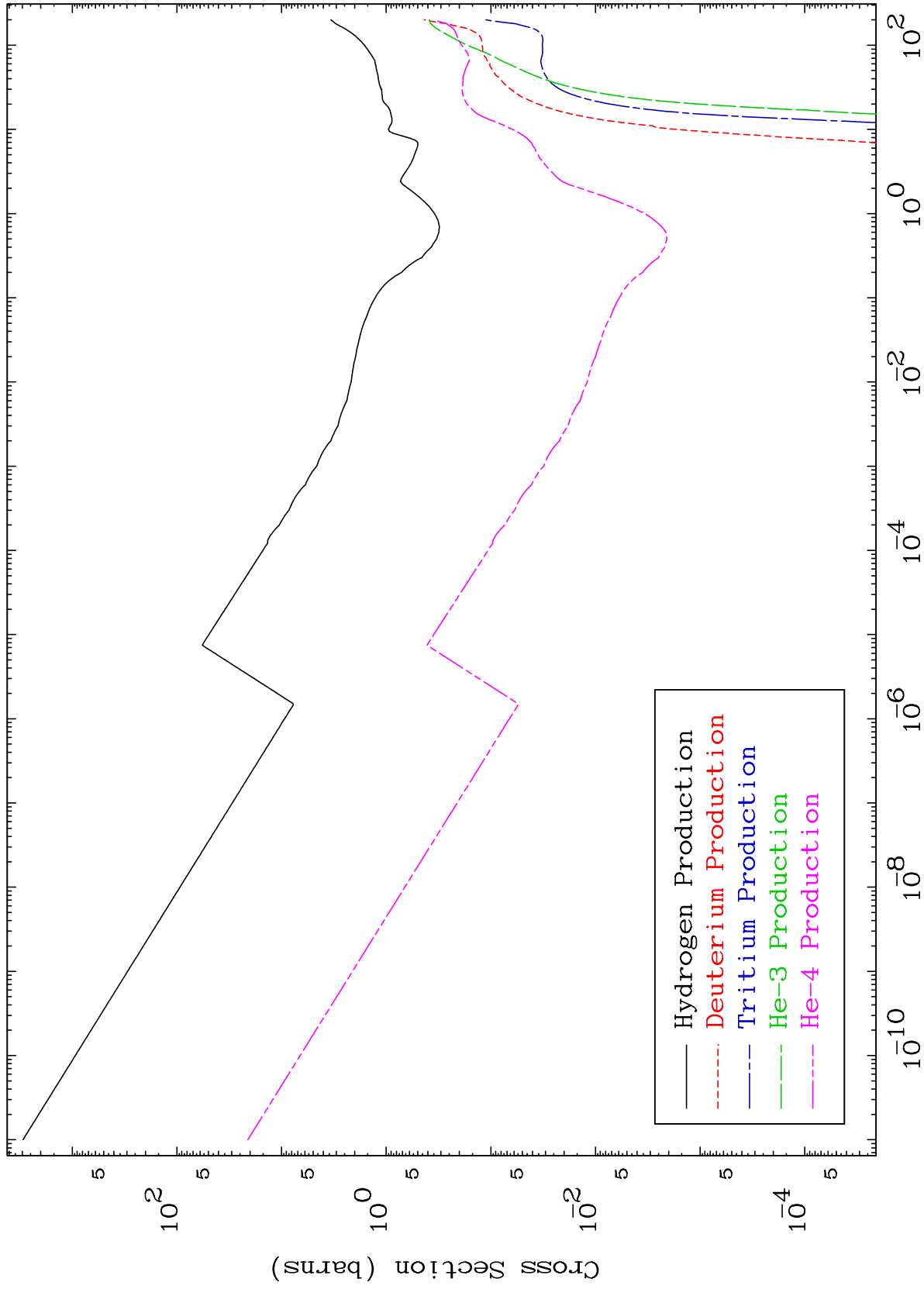
47-Ag-102



MAT 4710

Particle Production
293 Kelvin Cross Sections

47-Ag-102



6

Incident Energy (MeV)

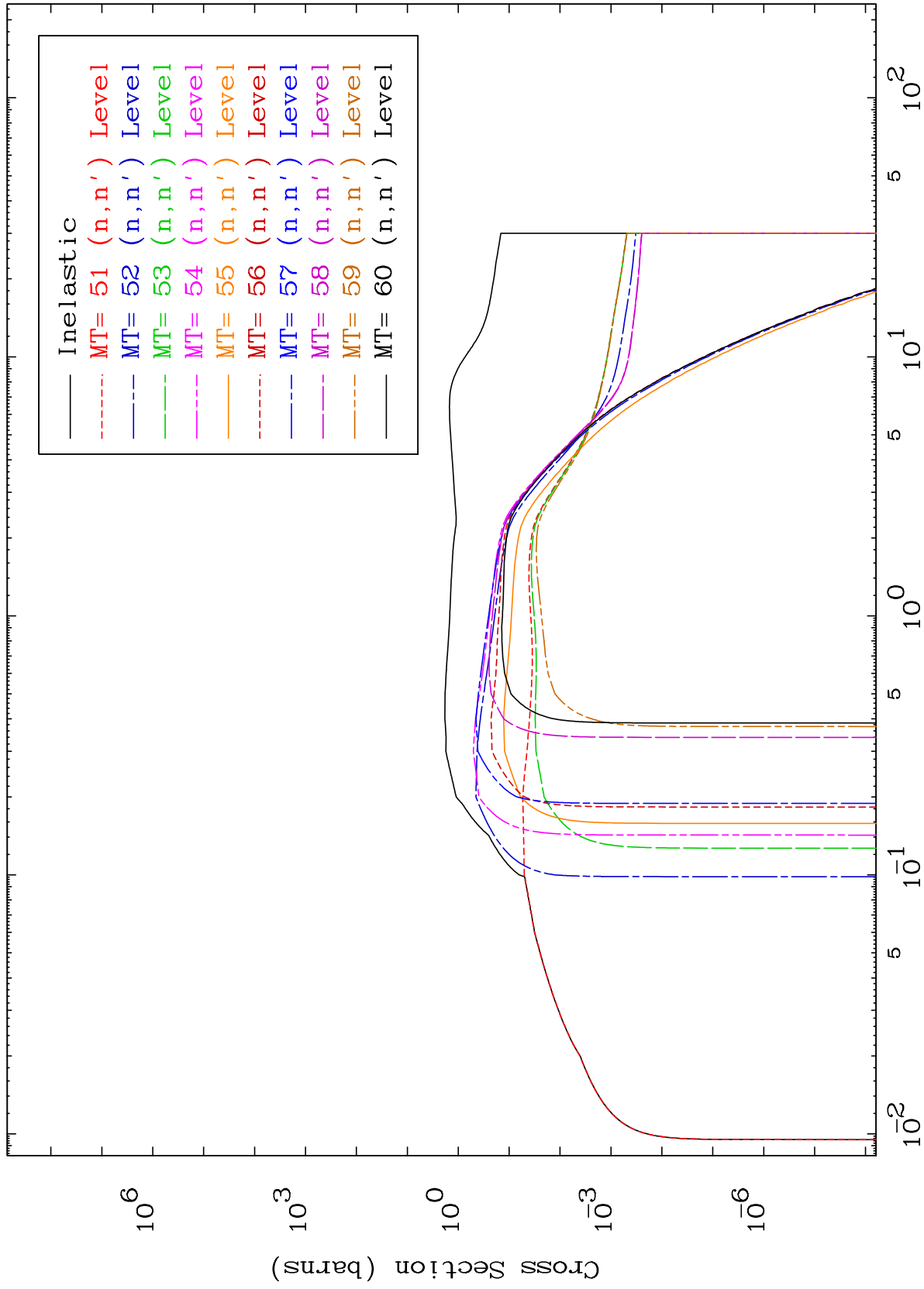
47-Ag-102

MAT 4710

(n,n') Level

47-Ag-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

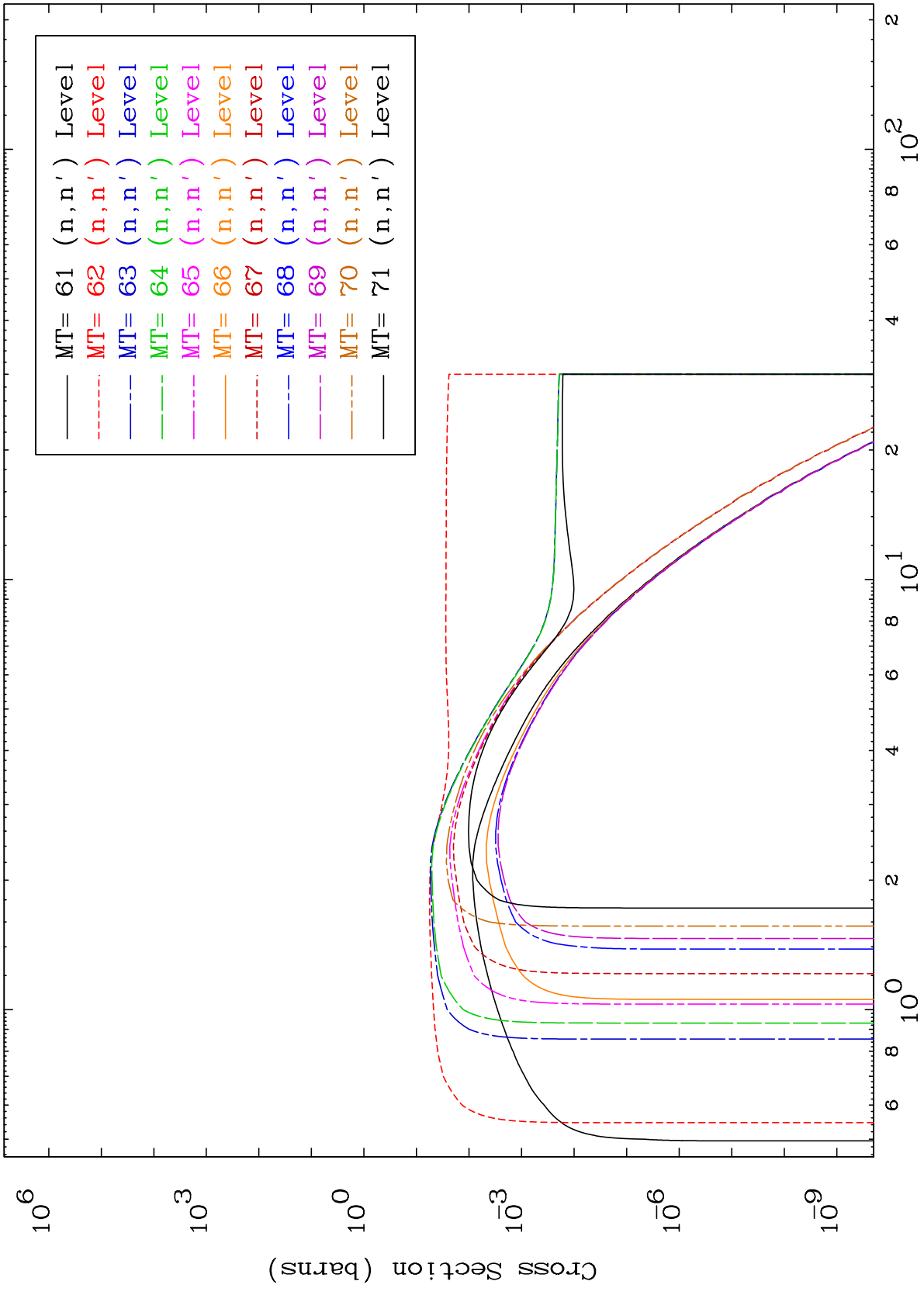
47-Ag-102

MAT 4710

(n,n') Level

47-Ag-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

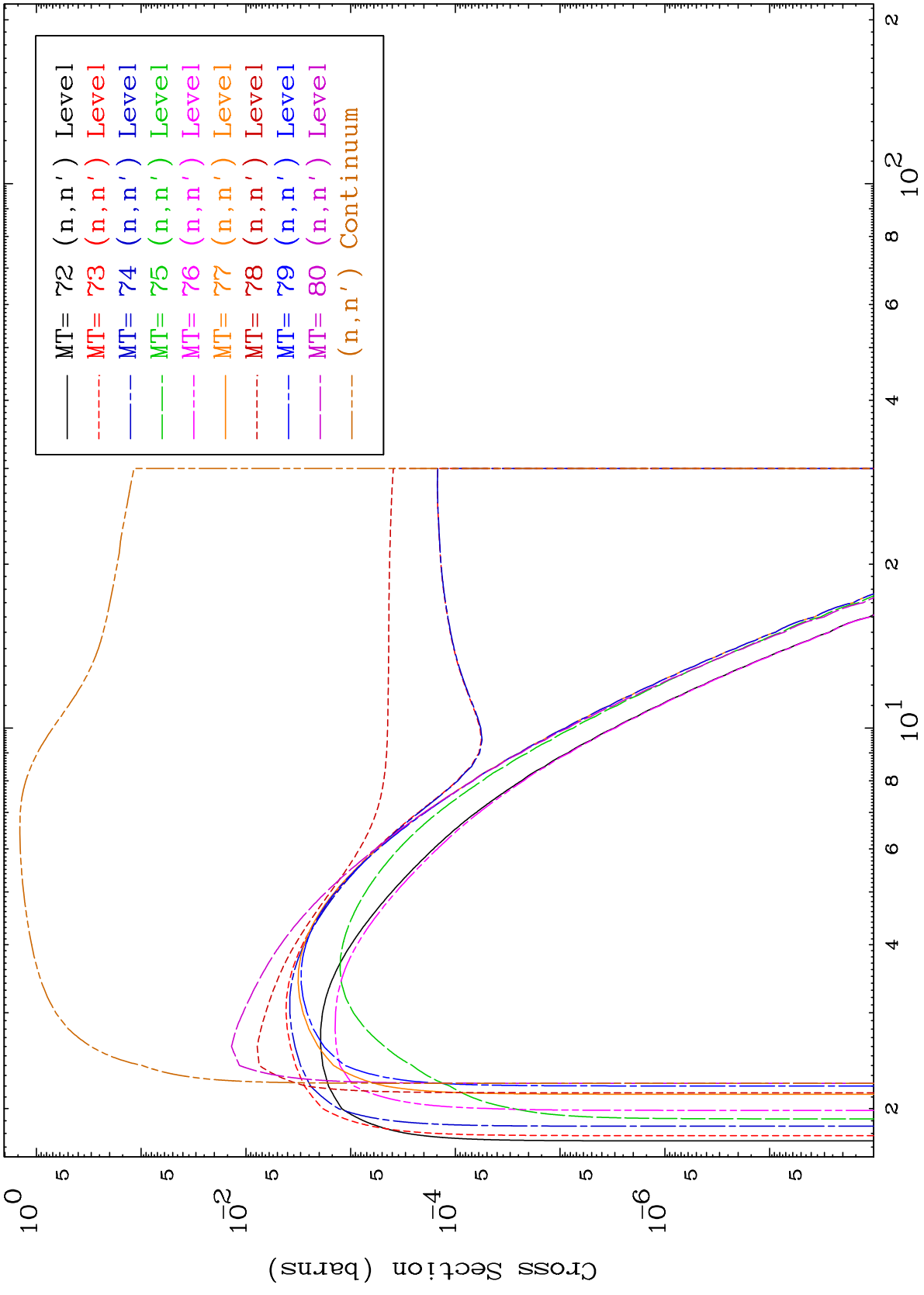
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MAT 4710

(n,n') Level

47-Ag-102

293 Kelvin Cross Sections



9

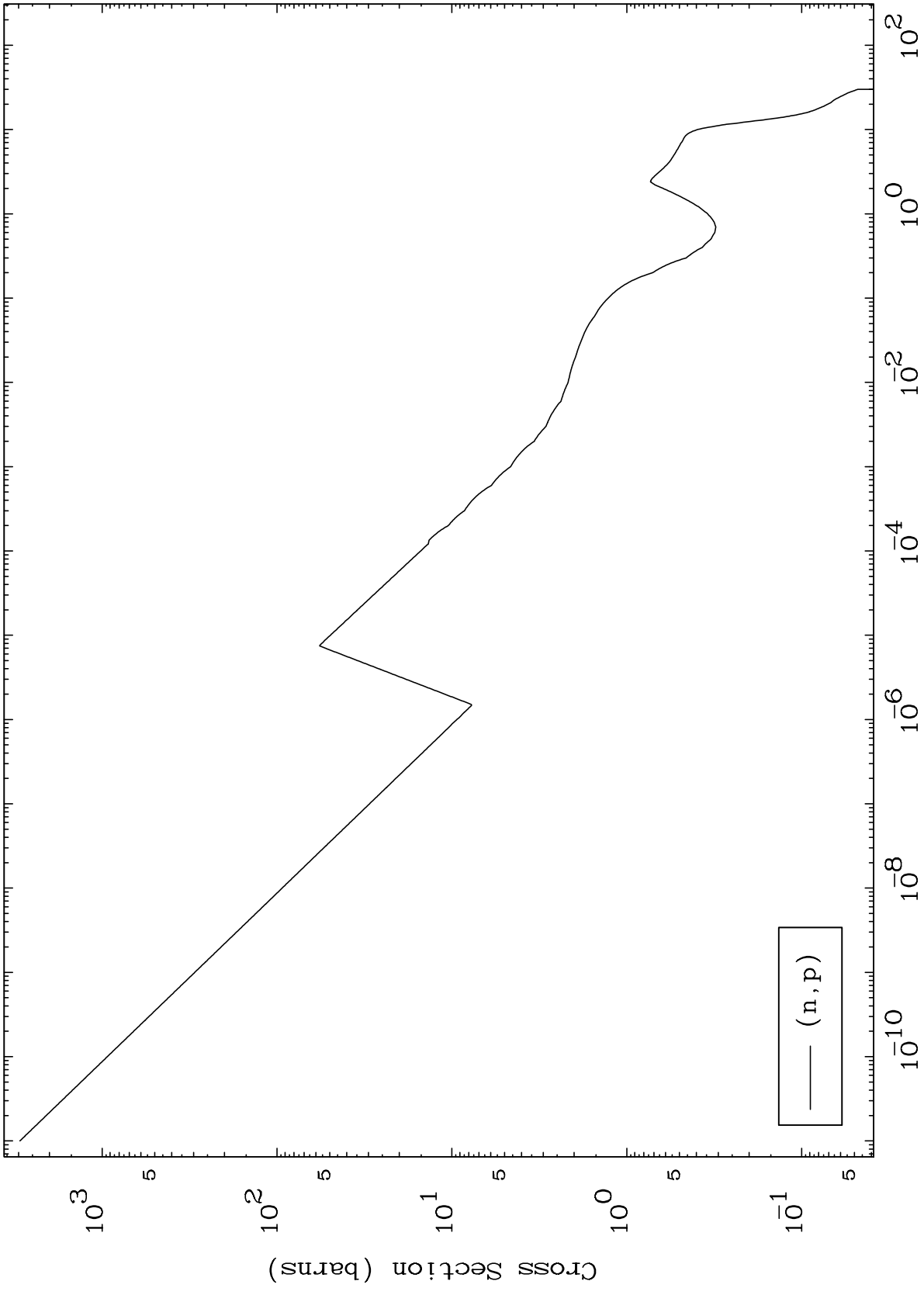
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-102



10

Incident Energy (MeV)

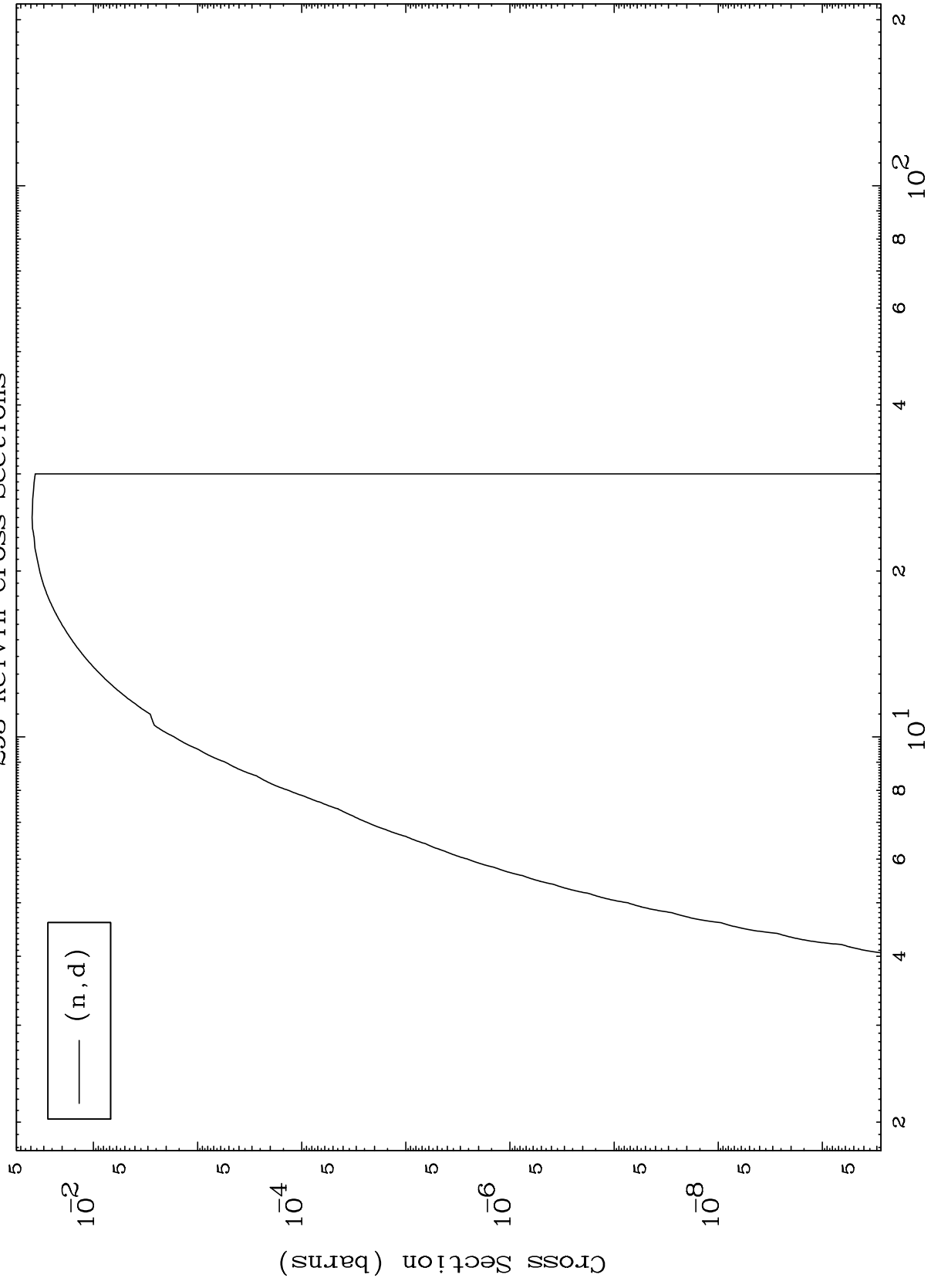
47-Ag-102

(n,p)

MAT 4710

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-102



11

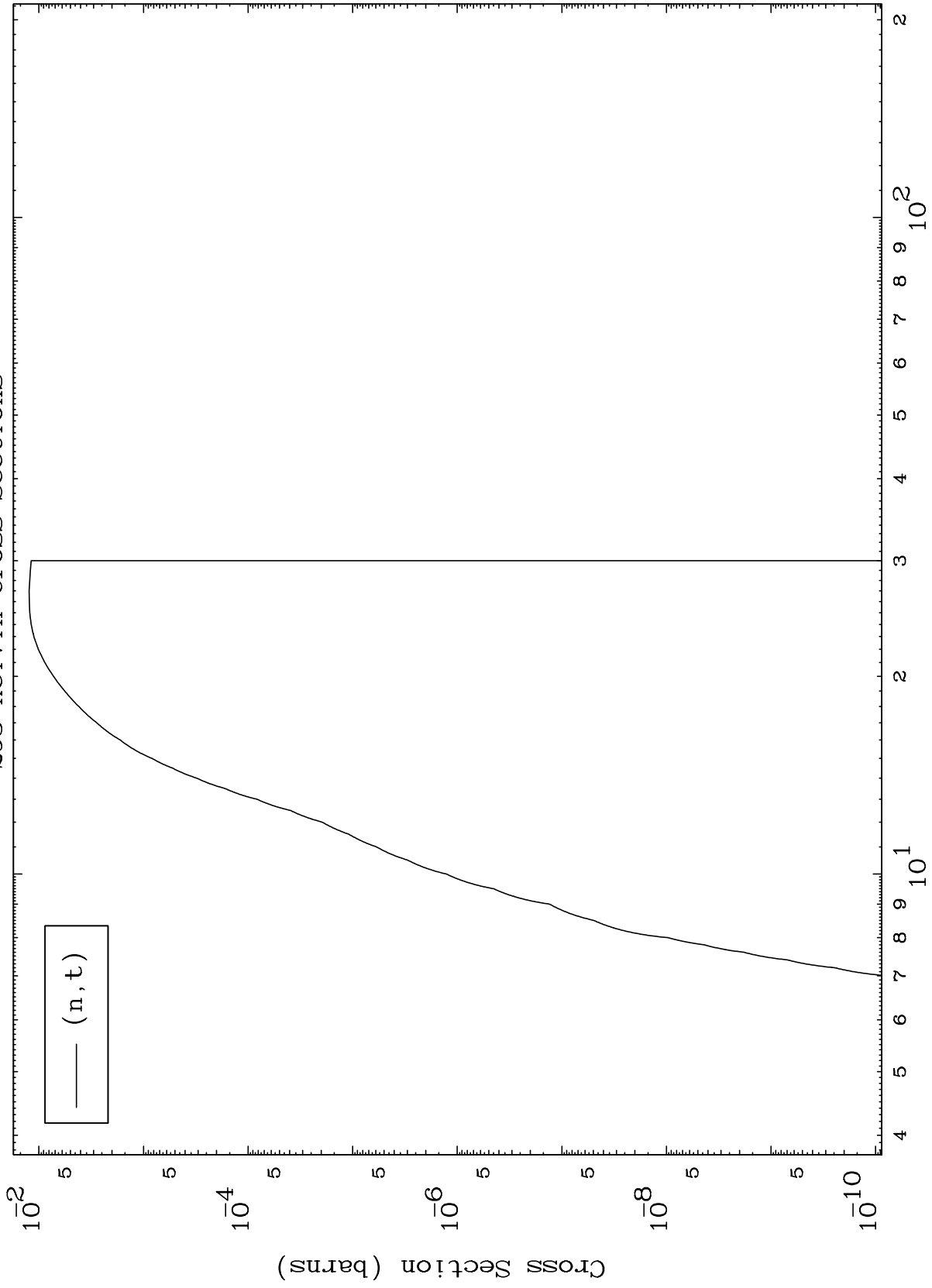
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-102



12

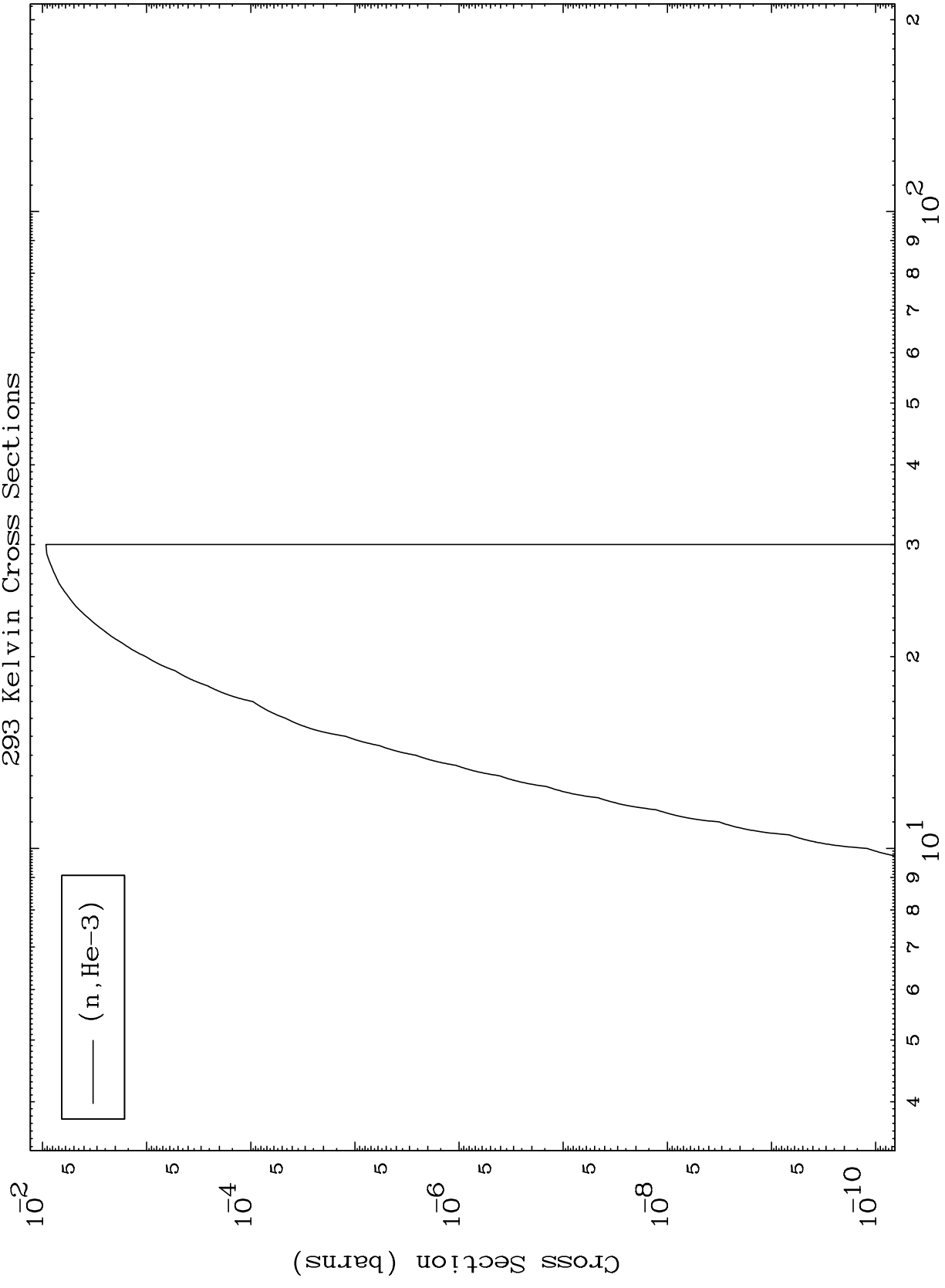
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-102



13

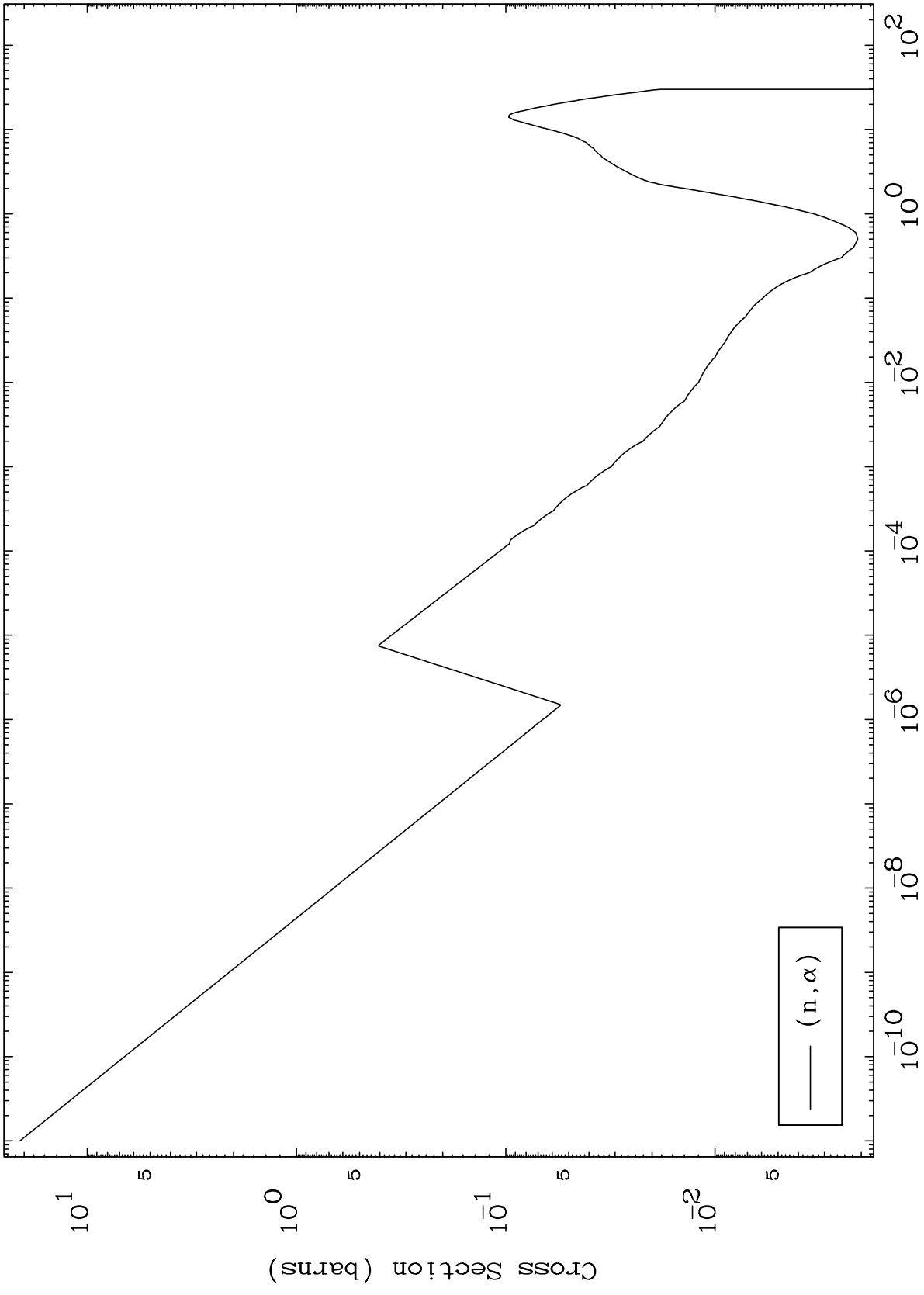
Incident Energy (MeV)

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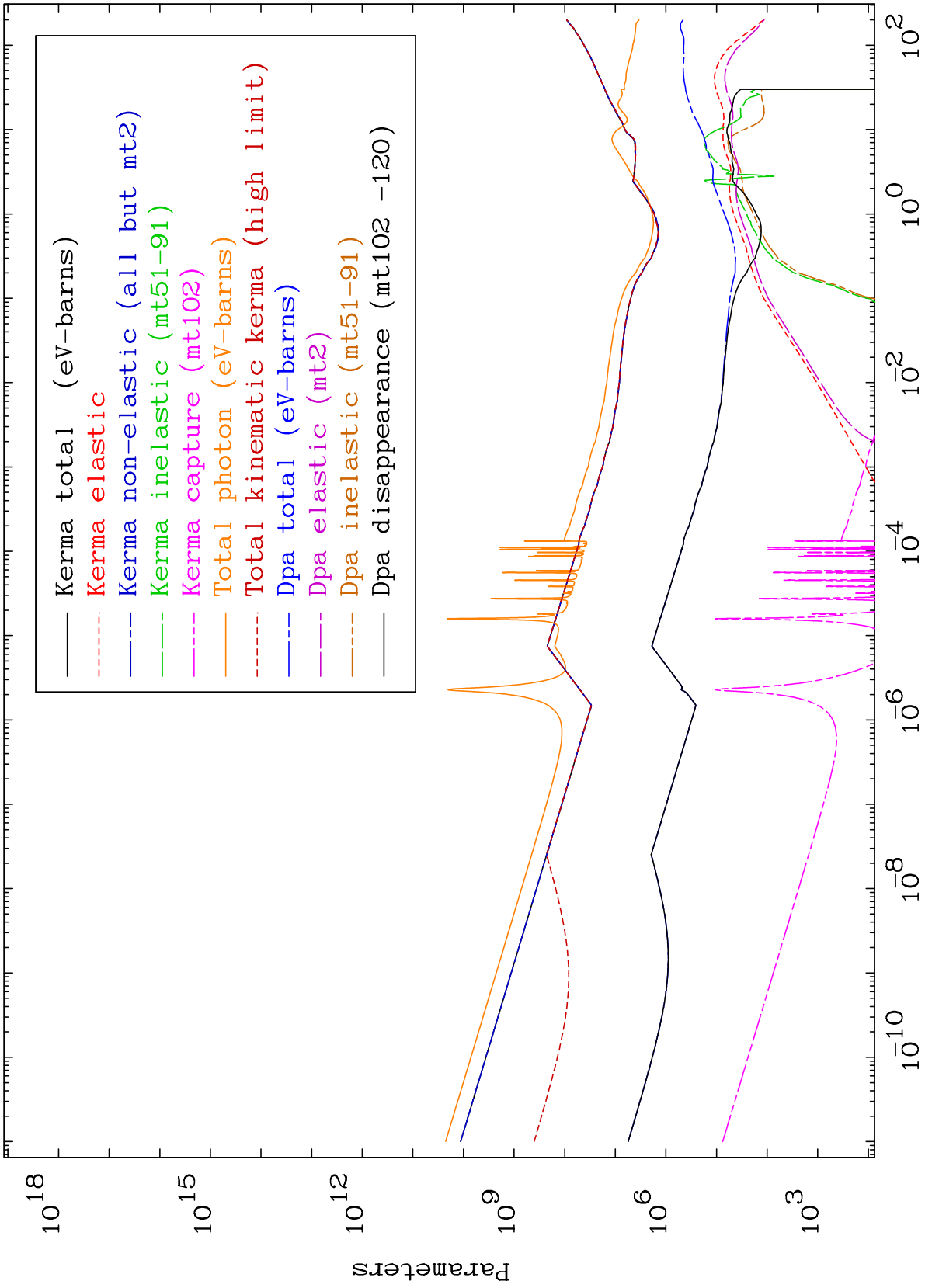
MAT 4710

(n,α) Levels
293 Kelvin Cross Sections

47-Ag-102



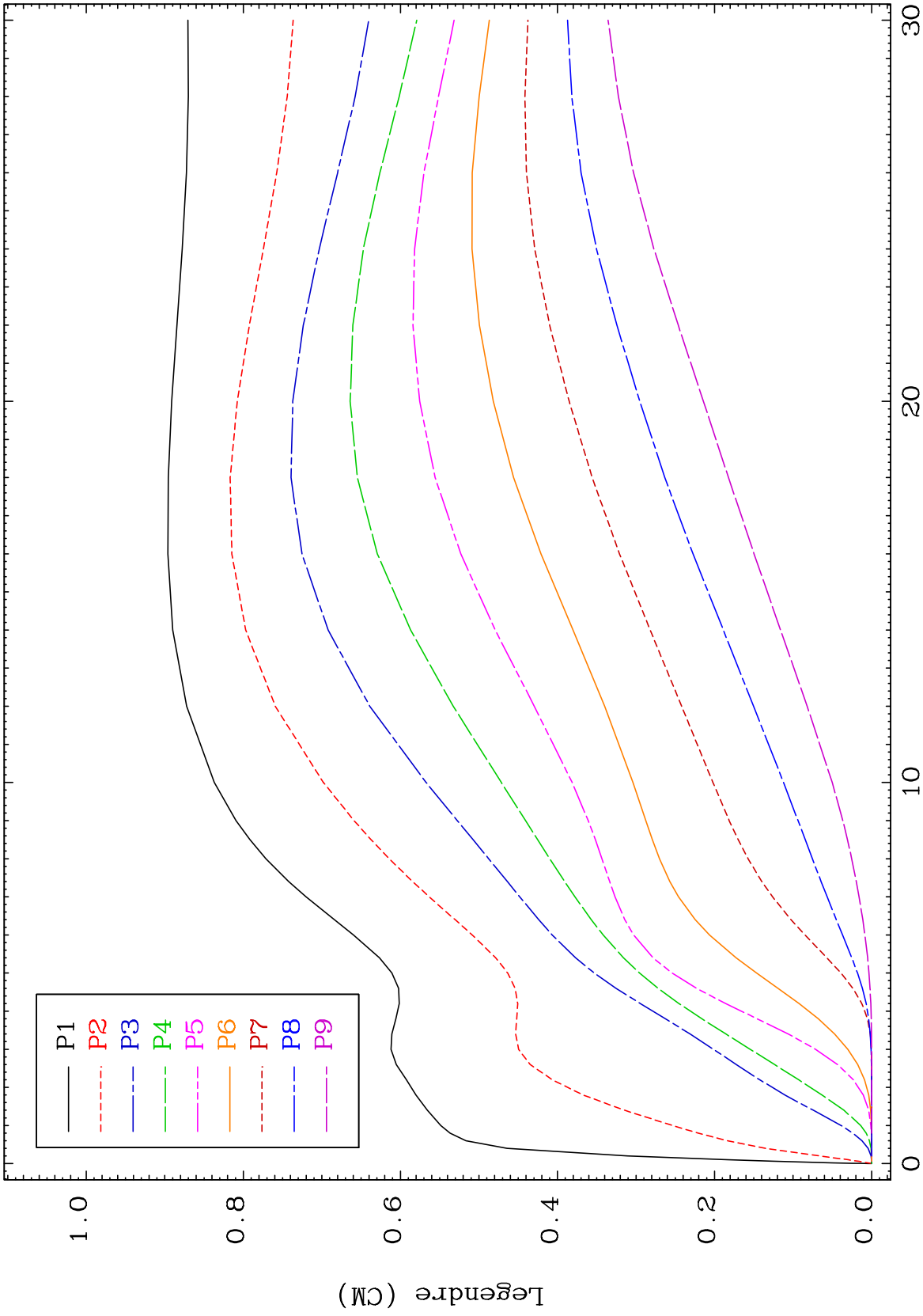
— (n,α)



MAT 4710

Elastic Legendre Coefficients

47-Ag-102



16

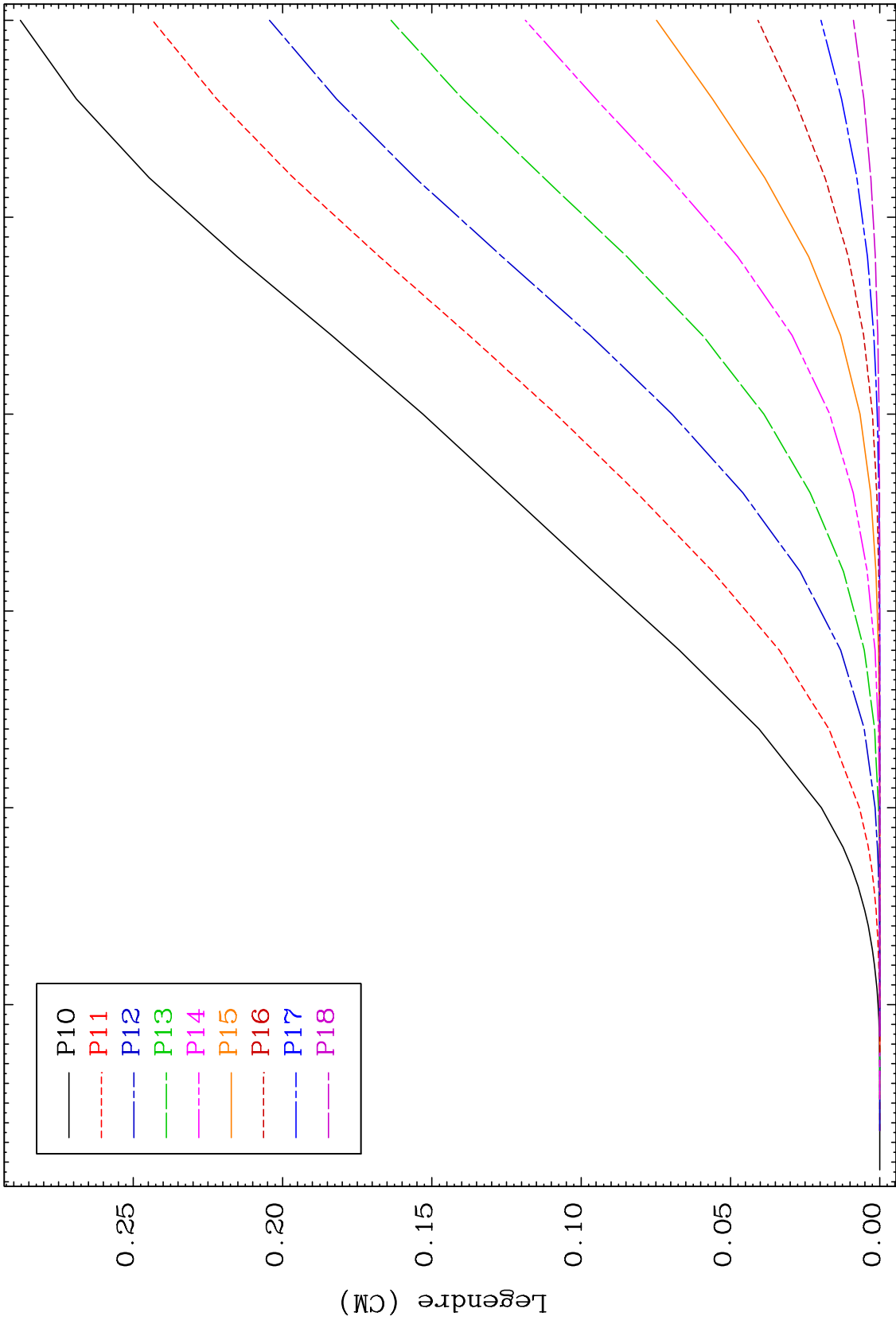
Incident Energy (MeV)

47-Ag-102

MAT 4710

Elastic Legendre Coefficients

47-Ag-102



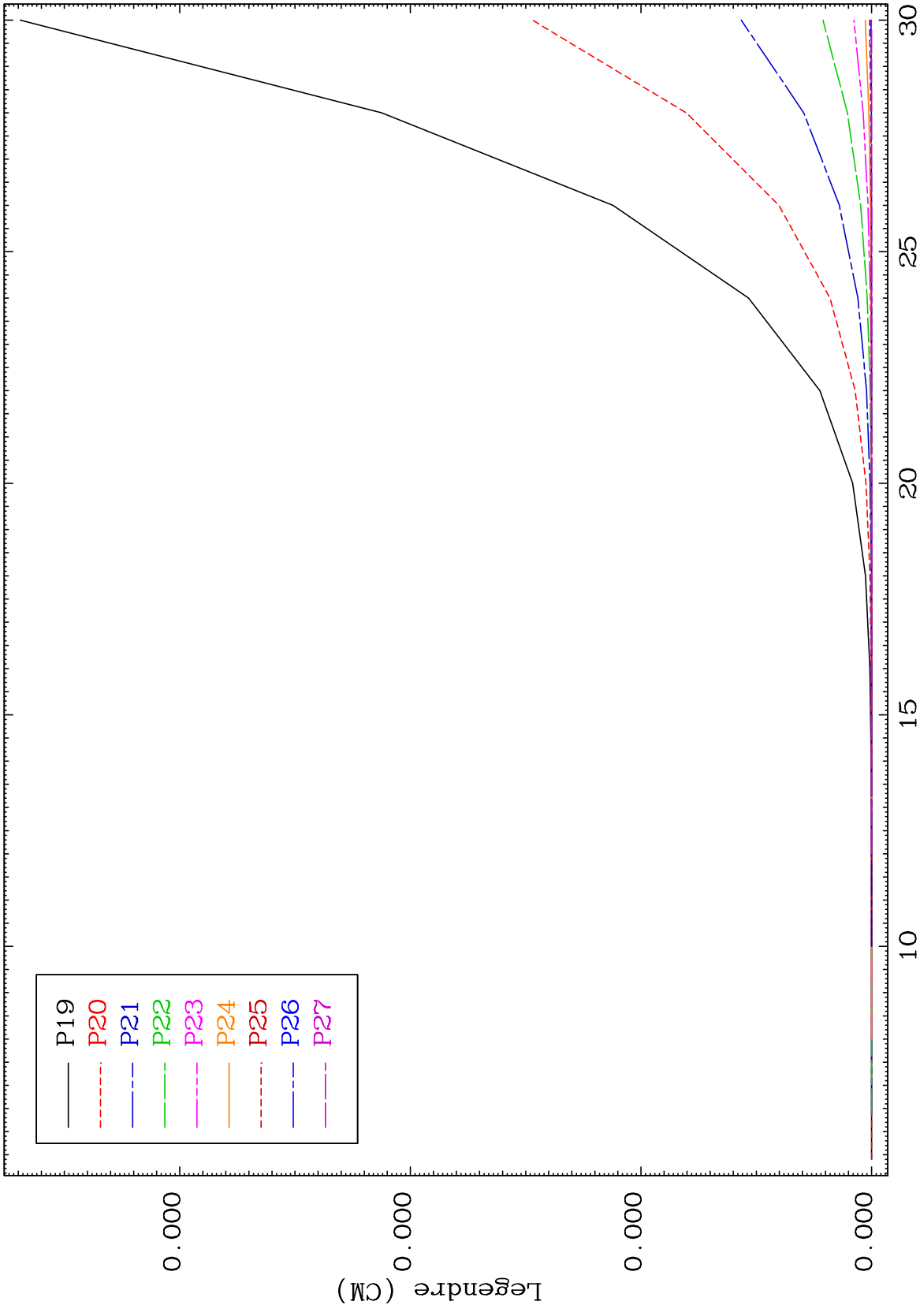
17

47-Ag-102

MAT 4710

Elastic Legendre Coefficients

47-Ag-102



18

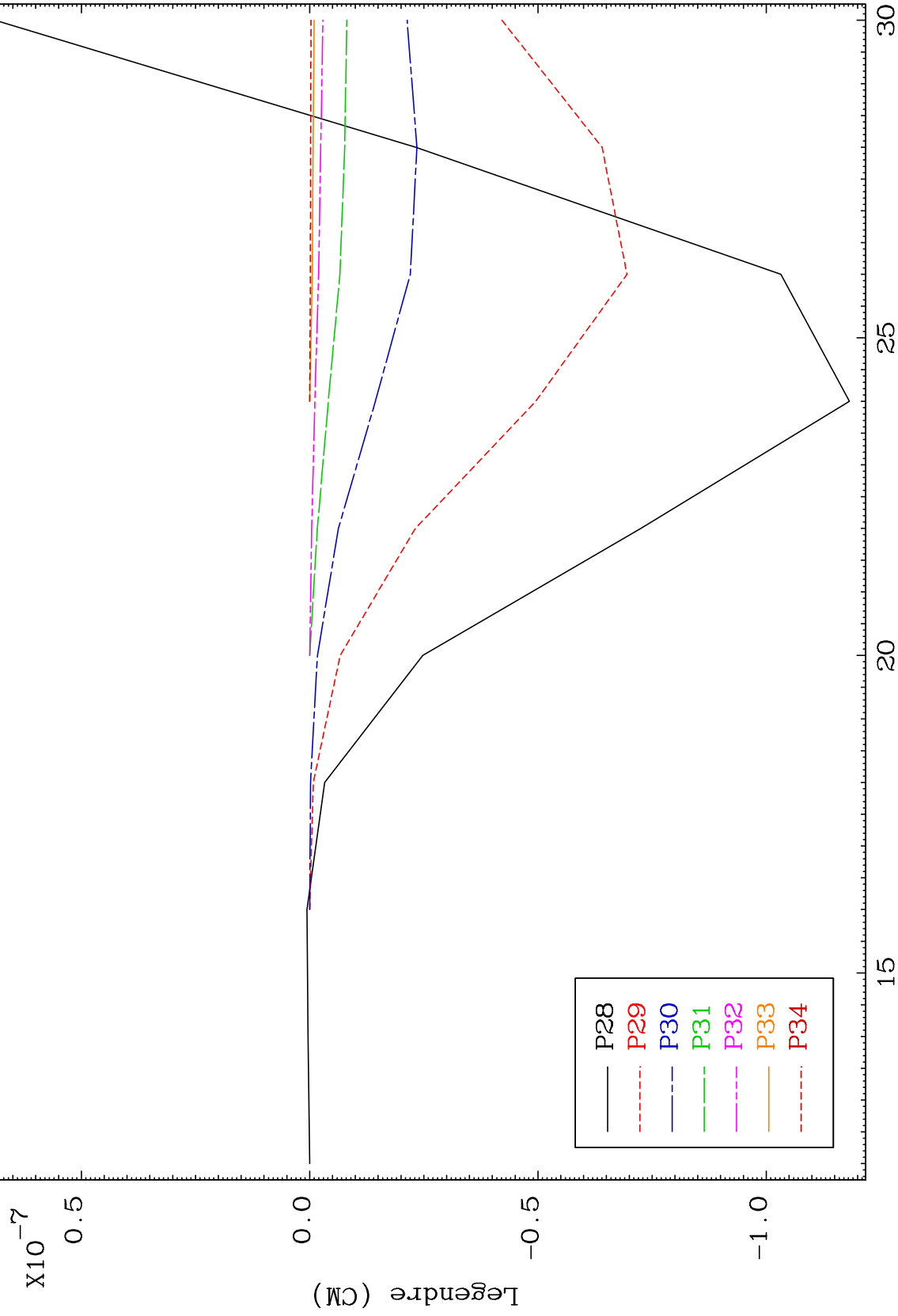
Incident Energy (MeV)

47-Ag-102

MAT 4710

Elastic Legendre Coefficients

47-Ag-102



19

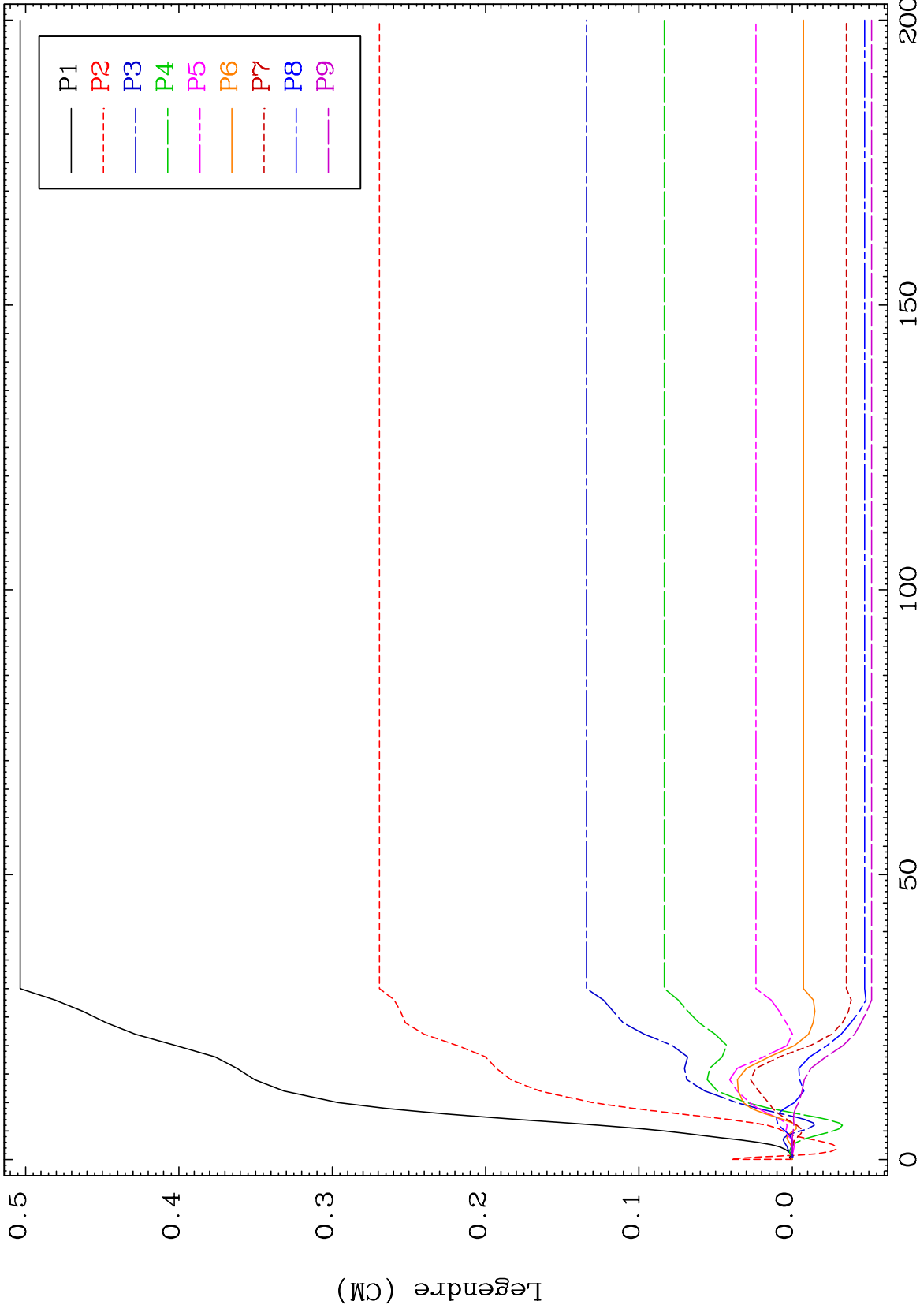
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

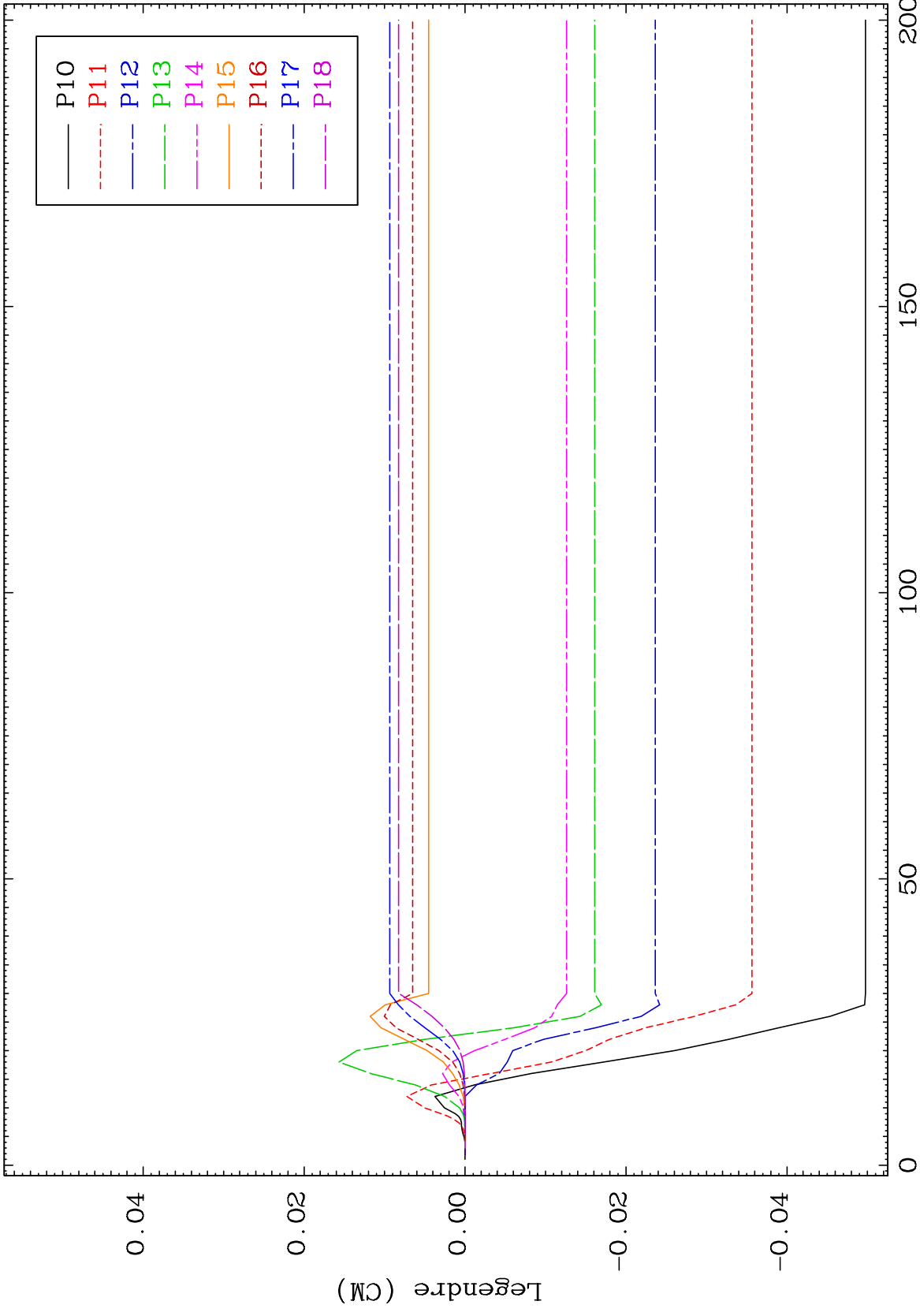
Incident Energy (MeV)

Legendre (CM)

MAT 4710

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

47-Ag-102



21

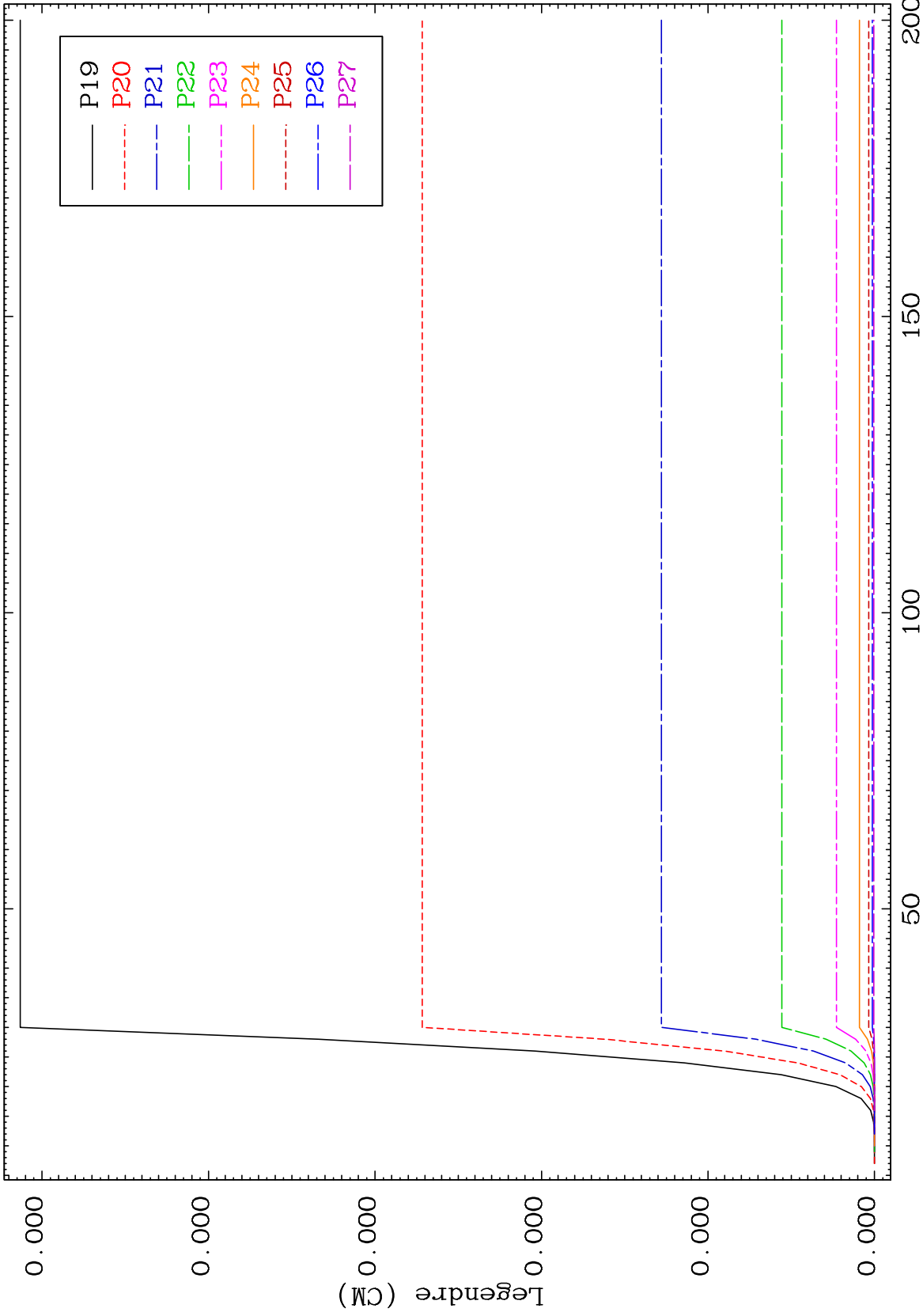
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



22

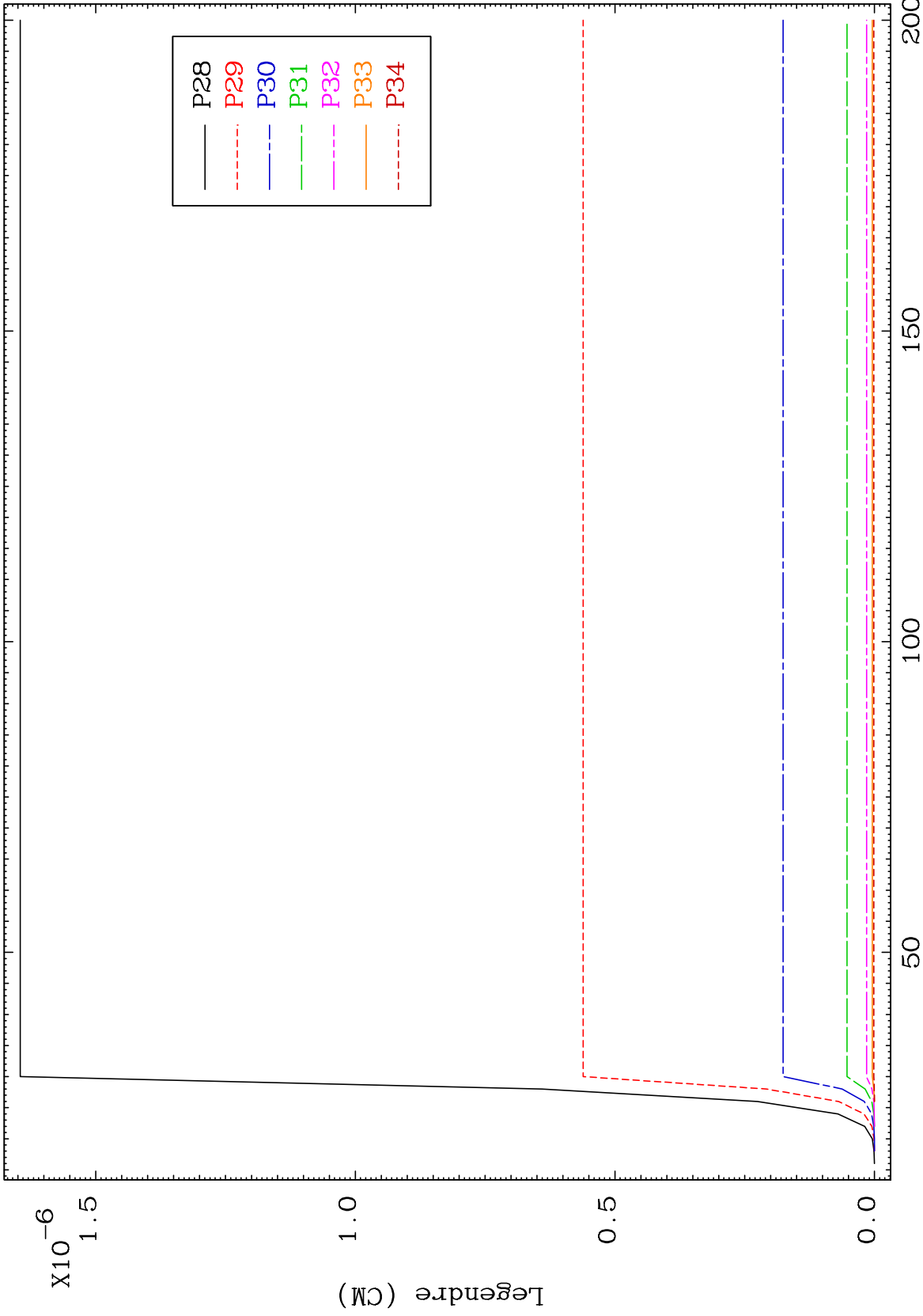
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



23

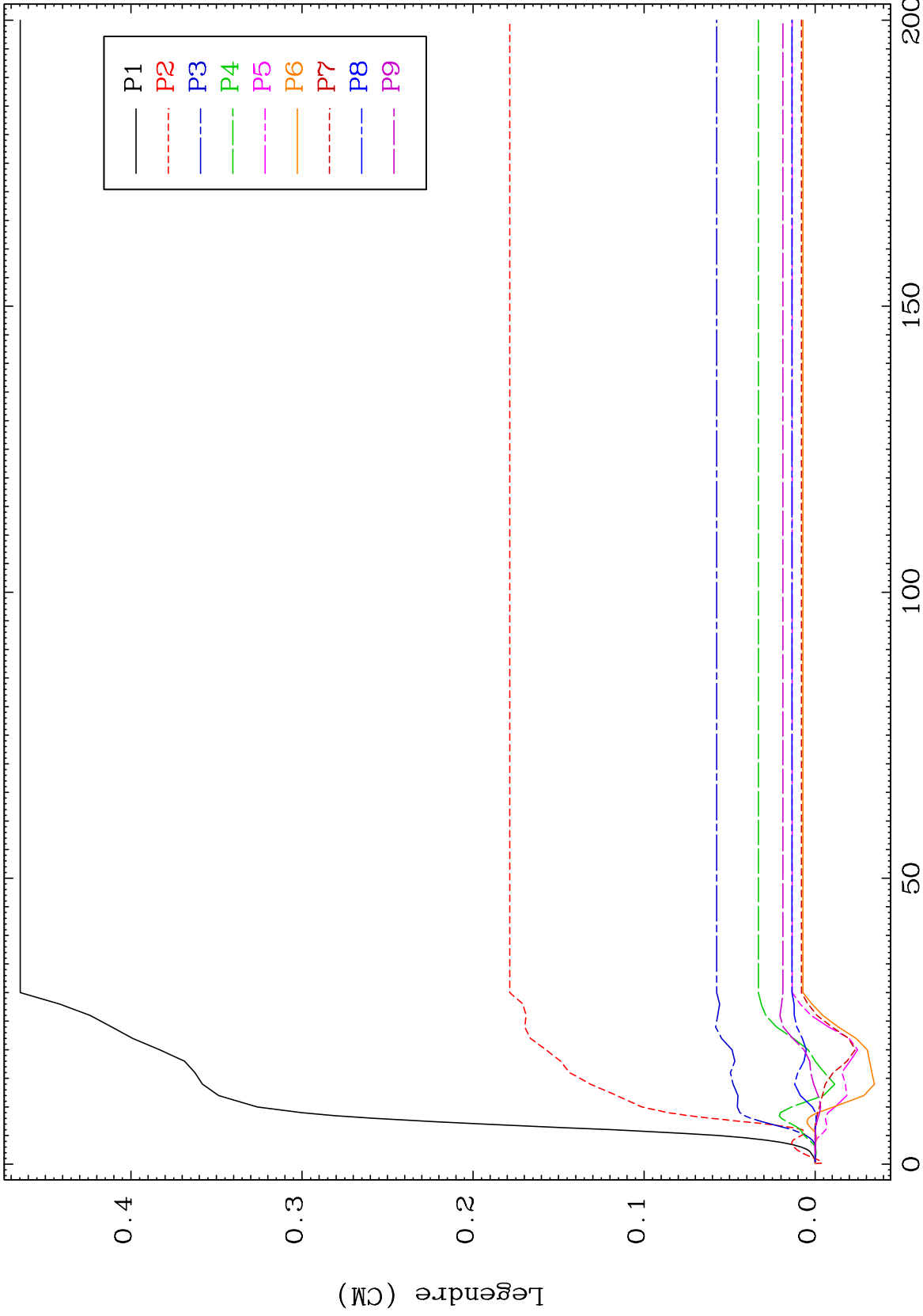
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



24

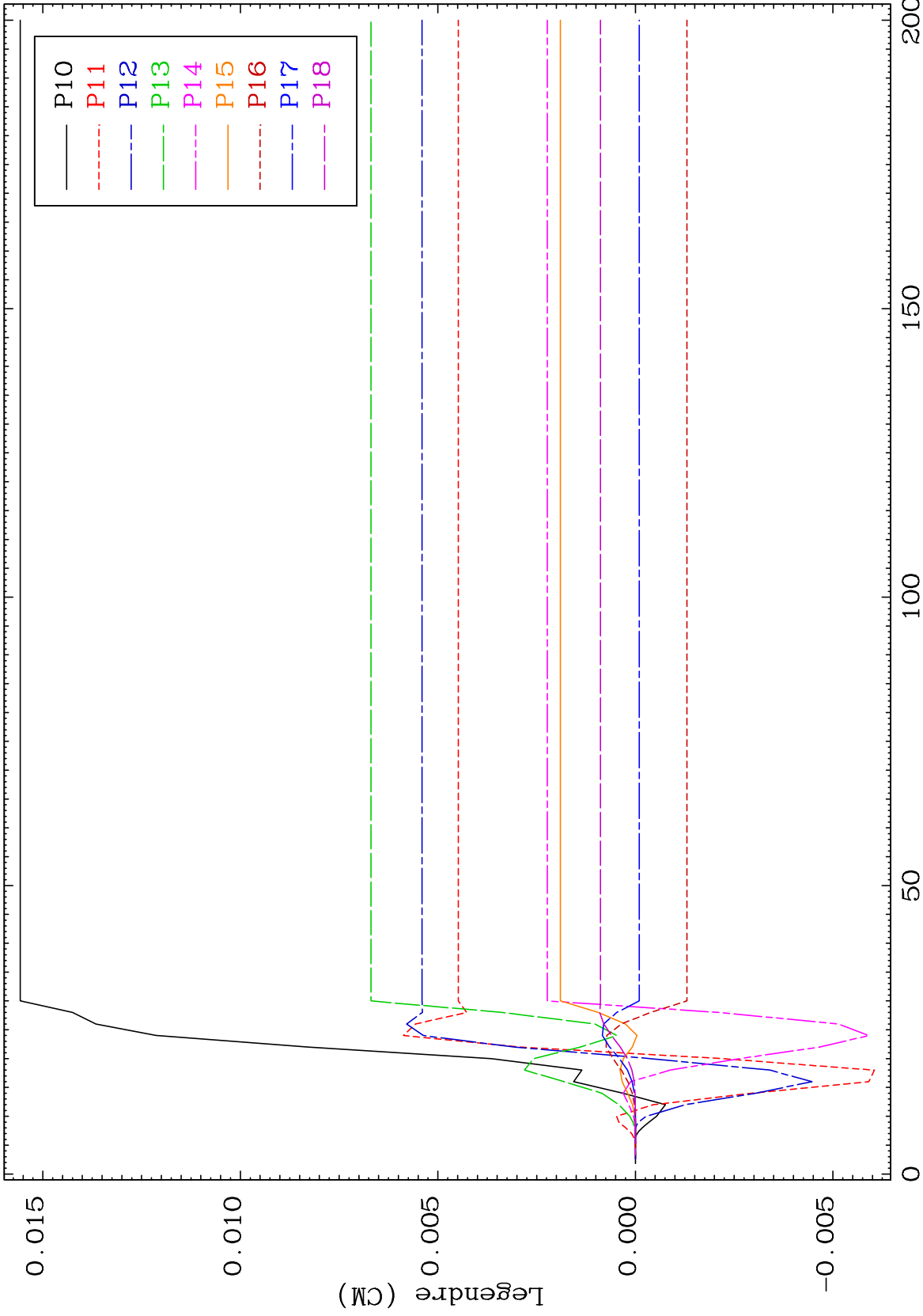
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

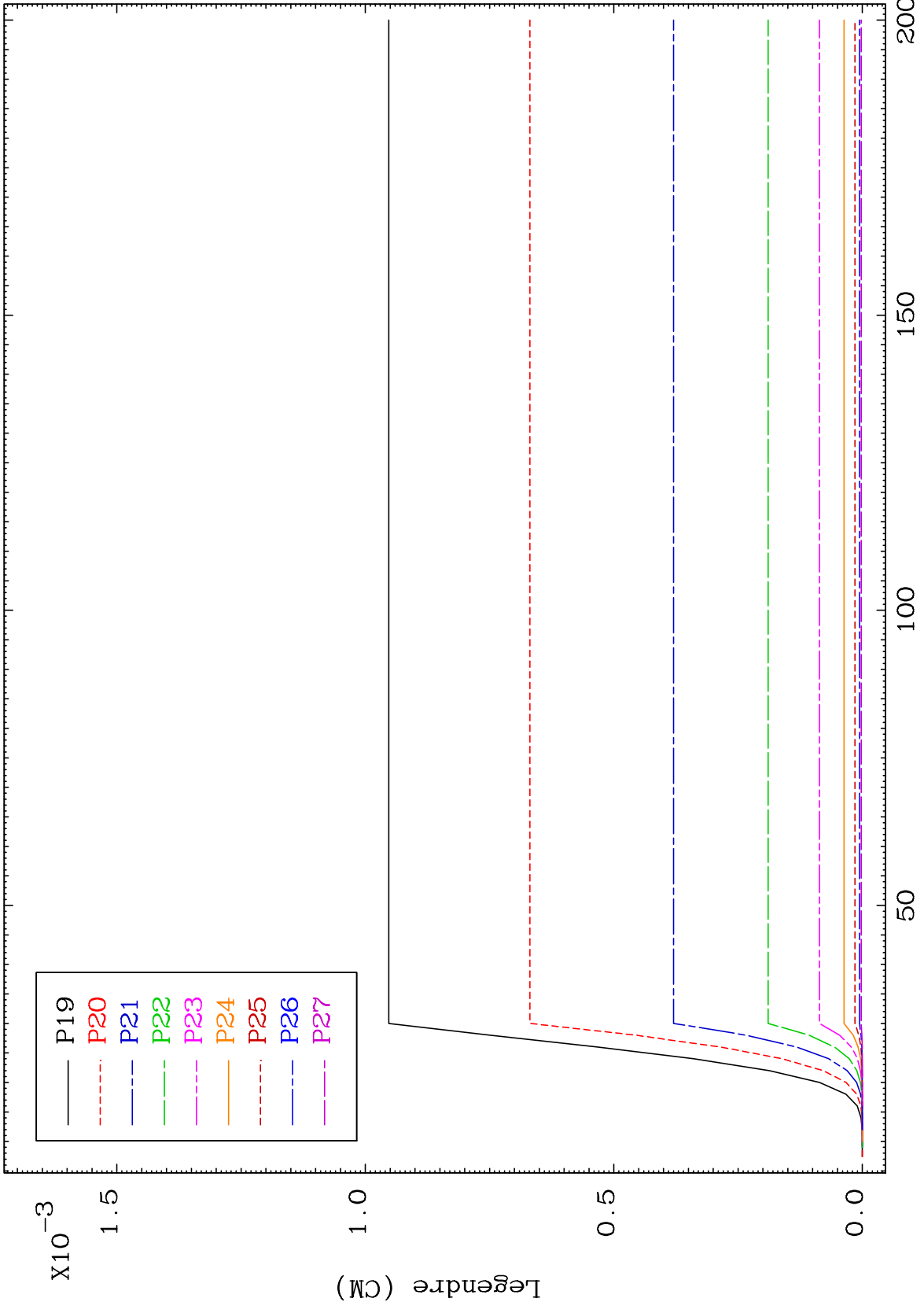
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25

Incident Energy (MeV)

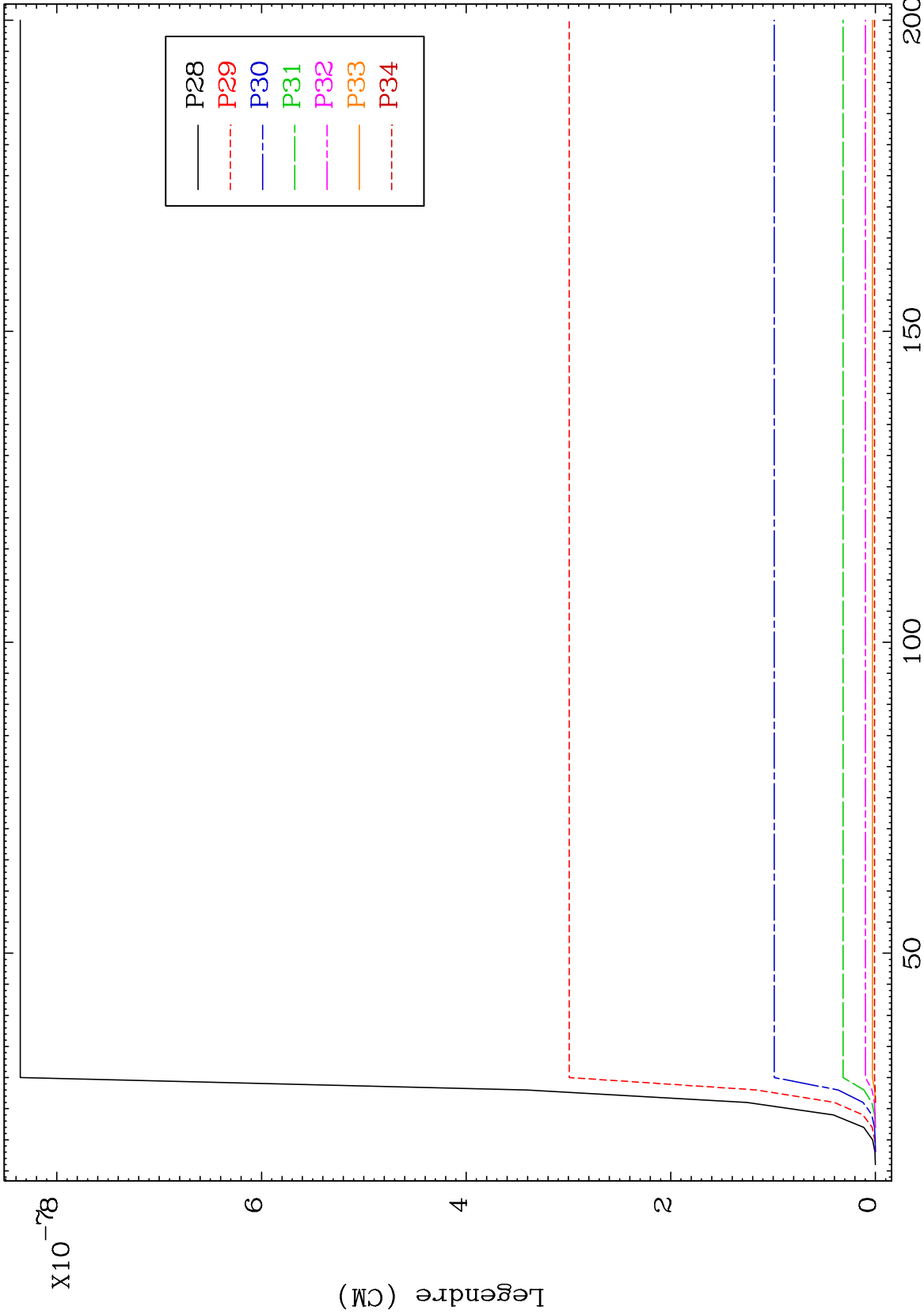
47-Ag-102



MAT 4710

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

47-Ag-102



27

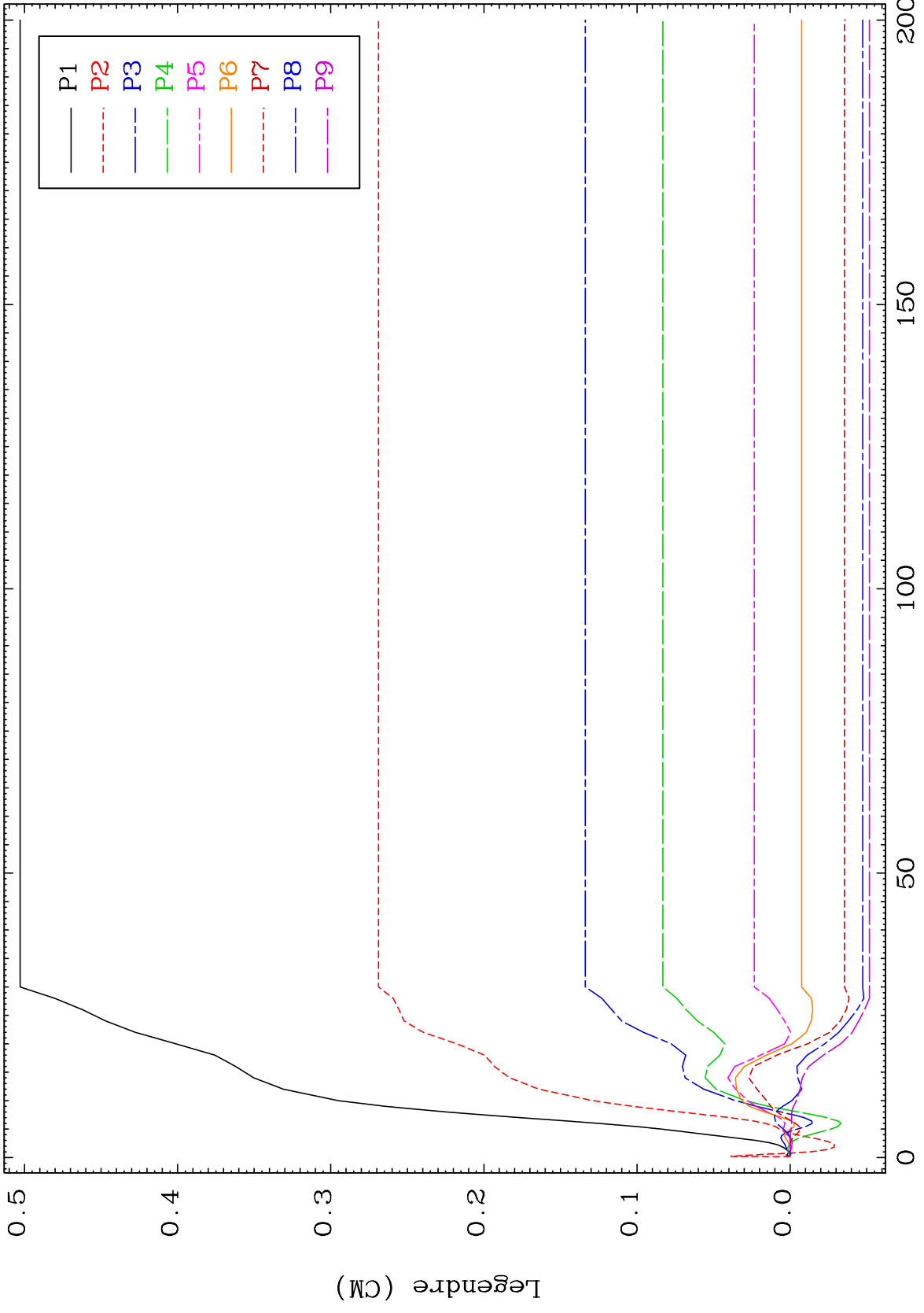
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



28

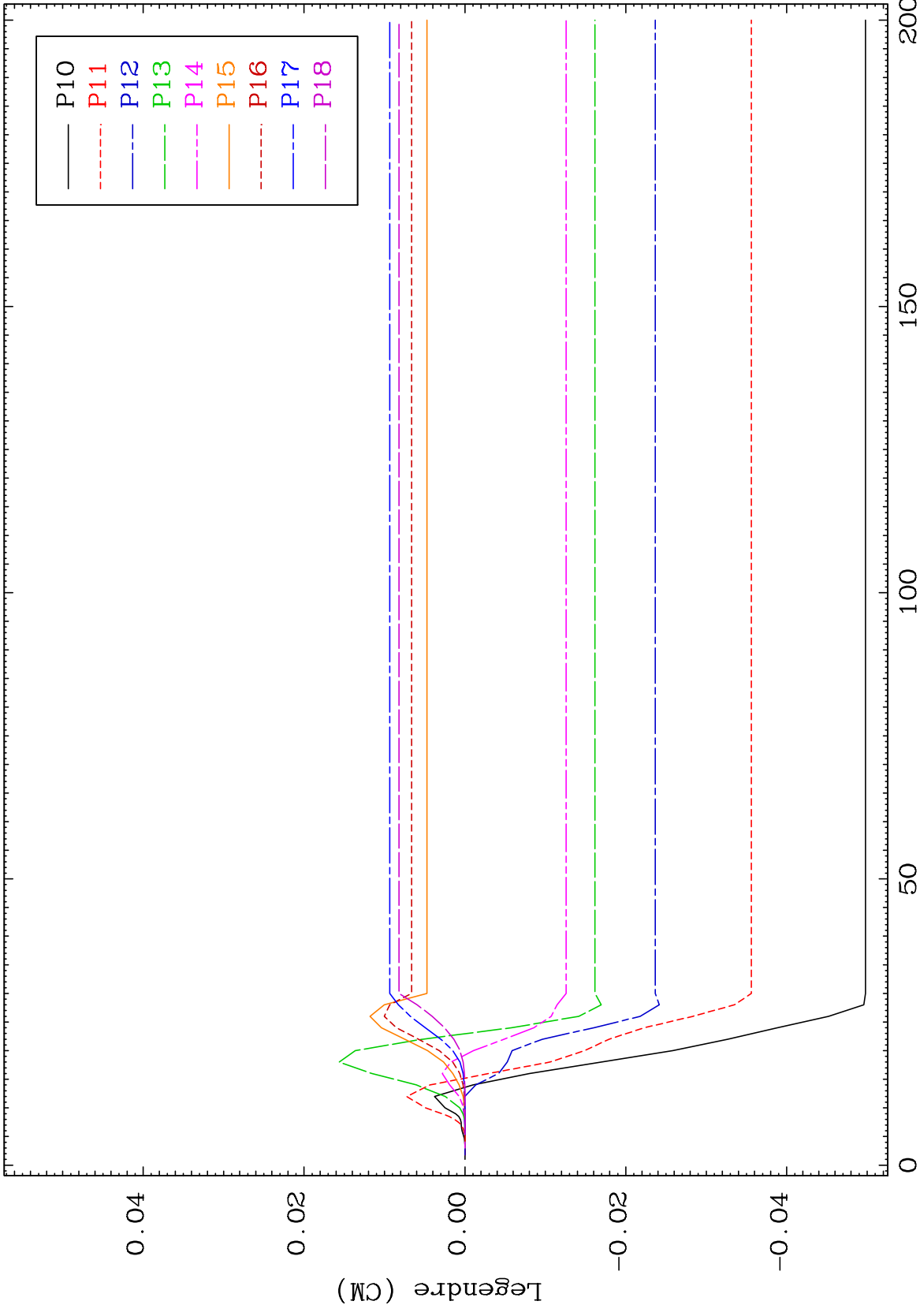
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



29

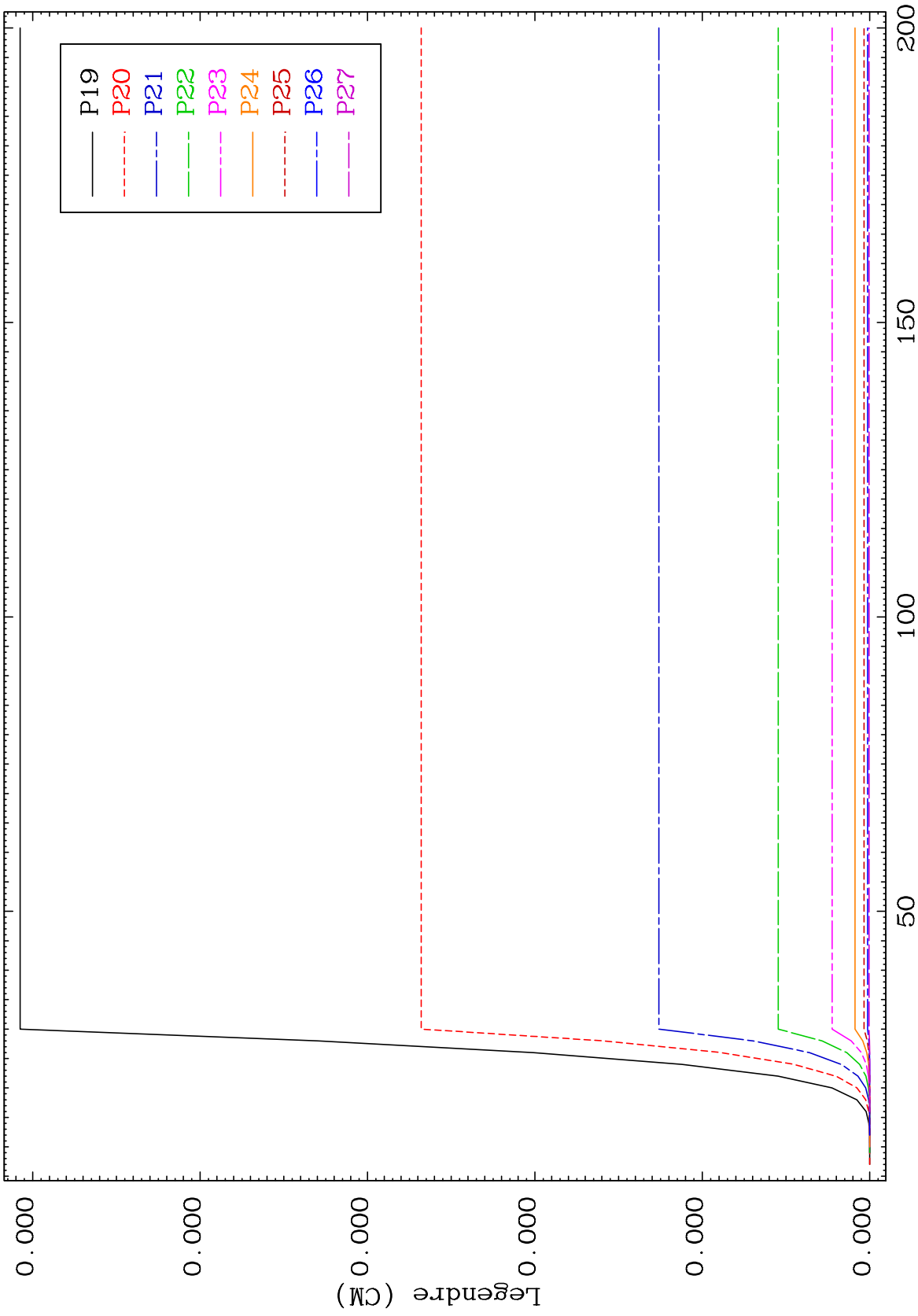
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



30

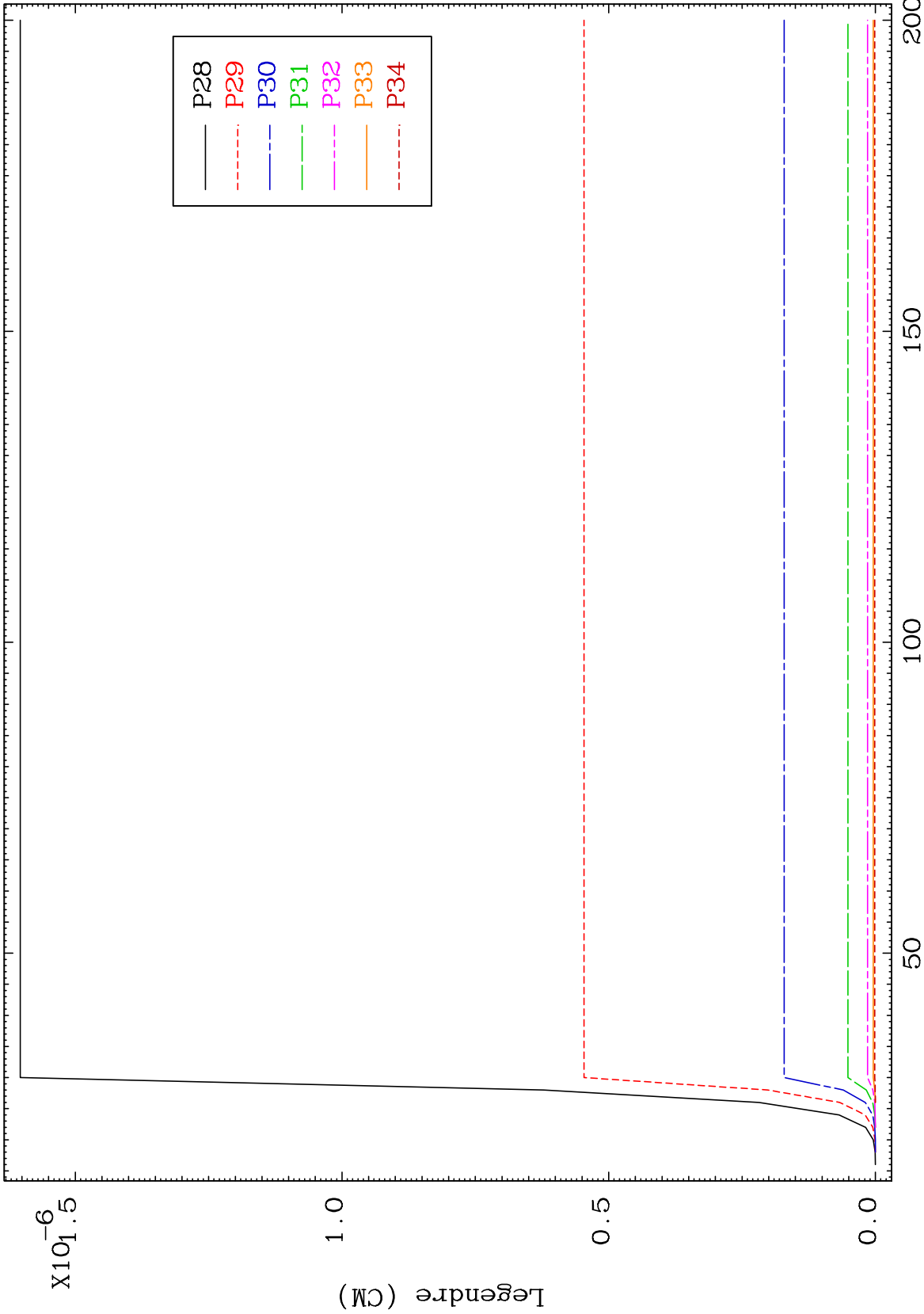
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



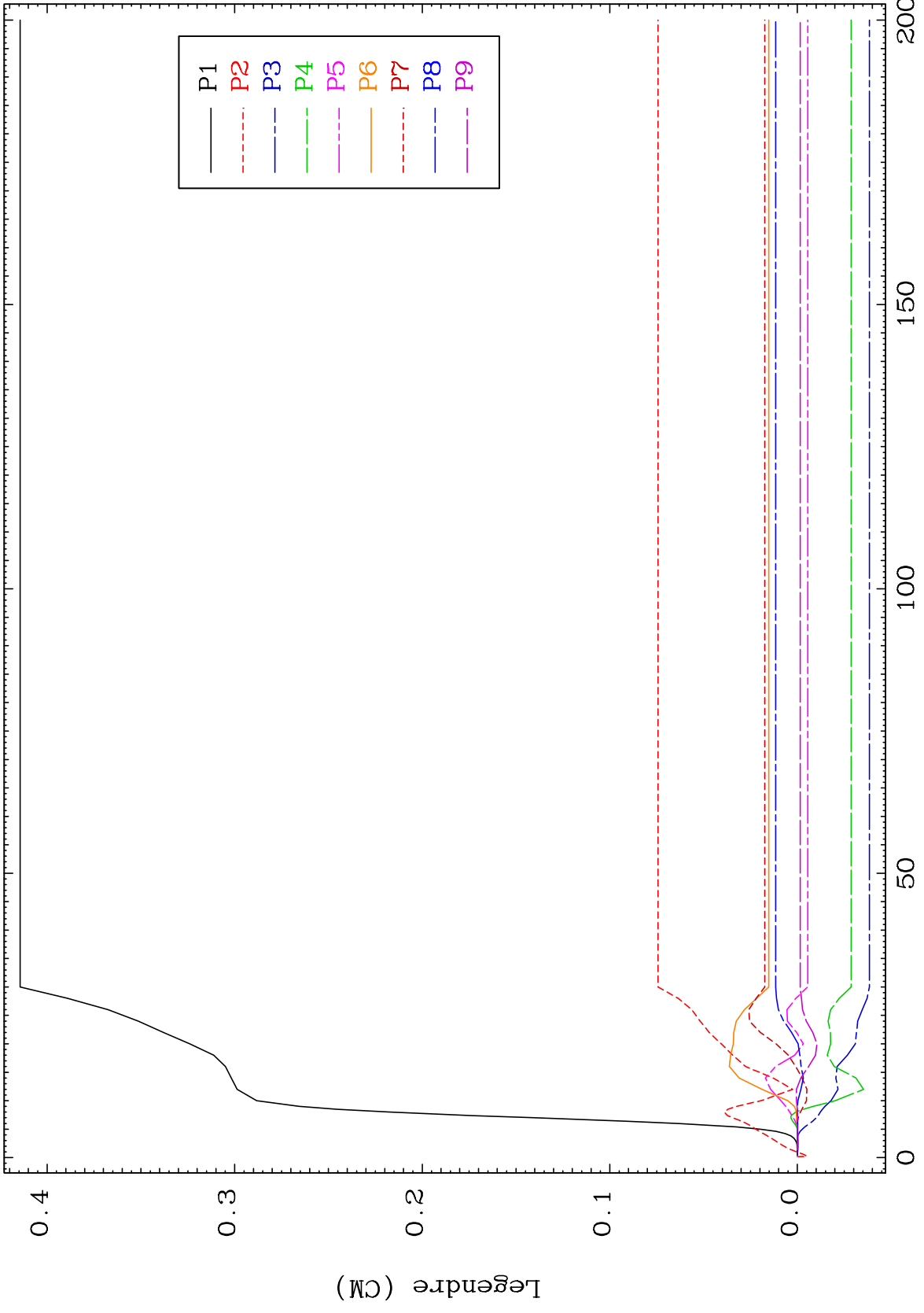
31

47-Ag-102

MAT 4710

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

47-Ag-102



32

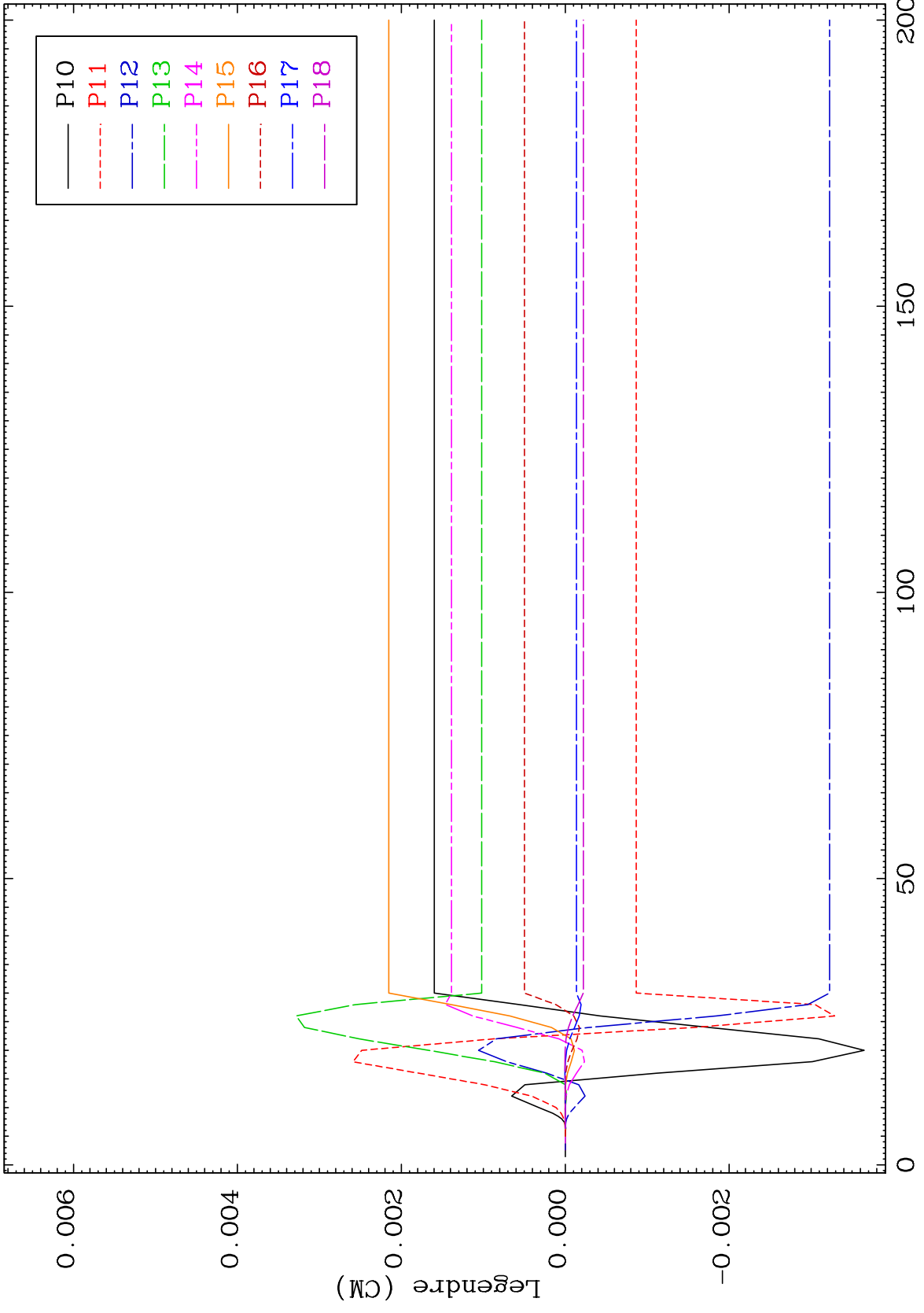
Incident Energy (MeV)

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MAT 4710

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

47-Ag-102



33

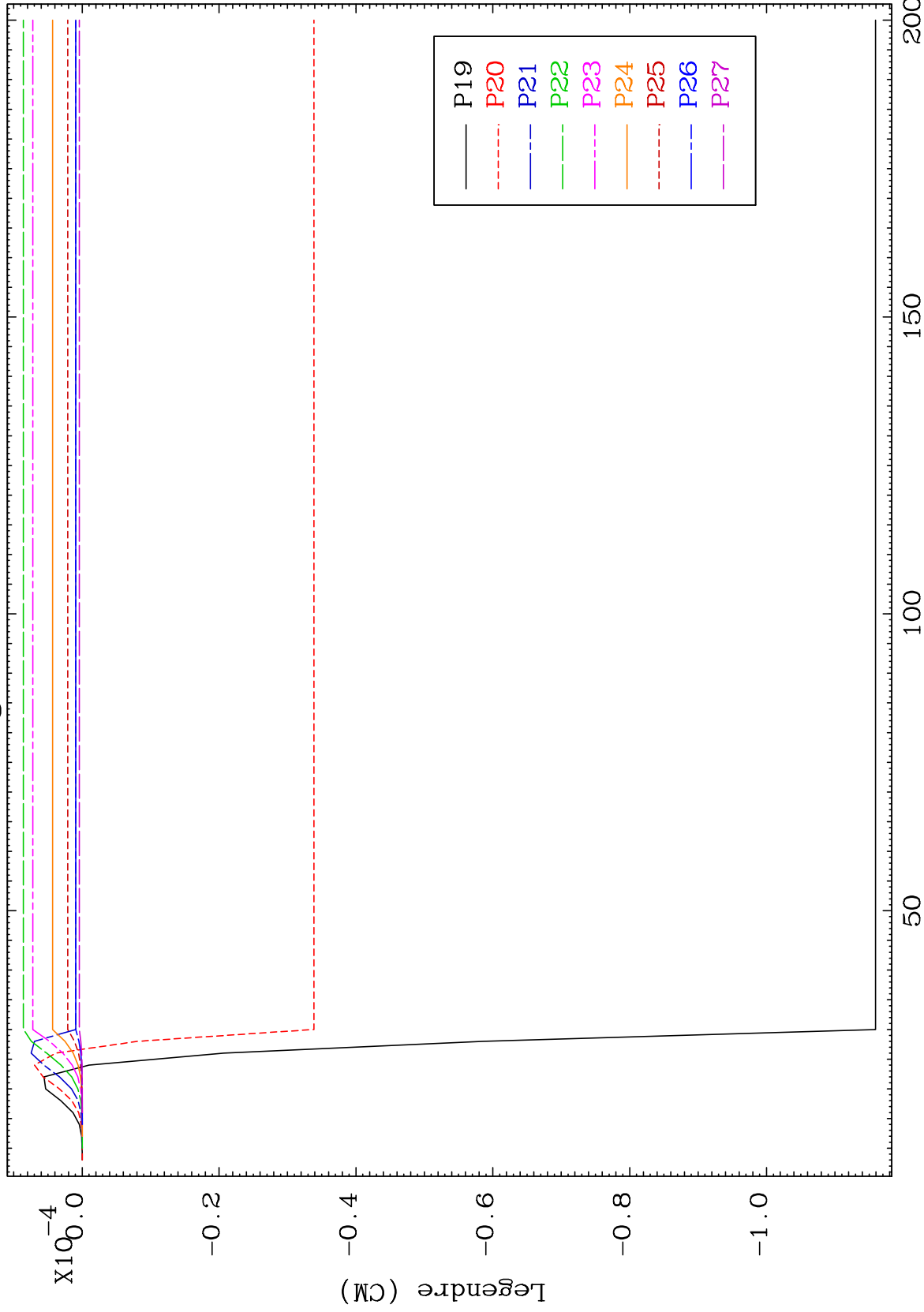
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

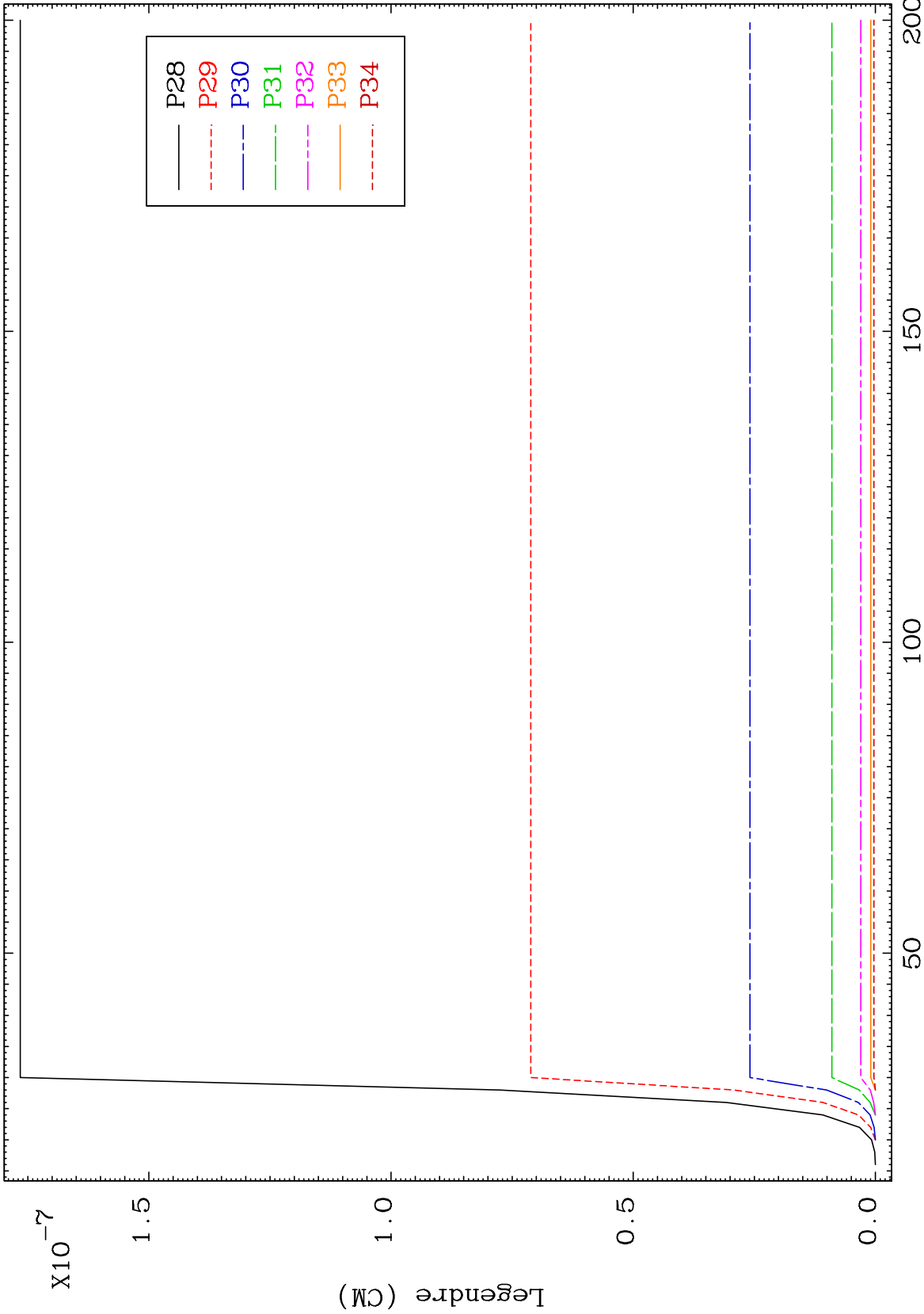
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MAT 4710

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

47-Ag-102



35

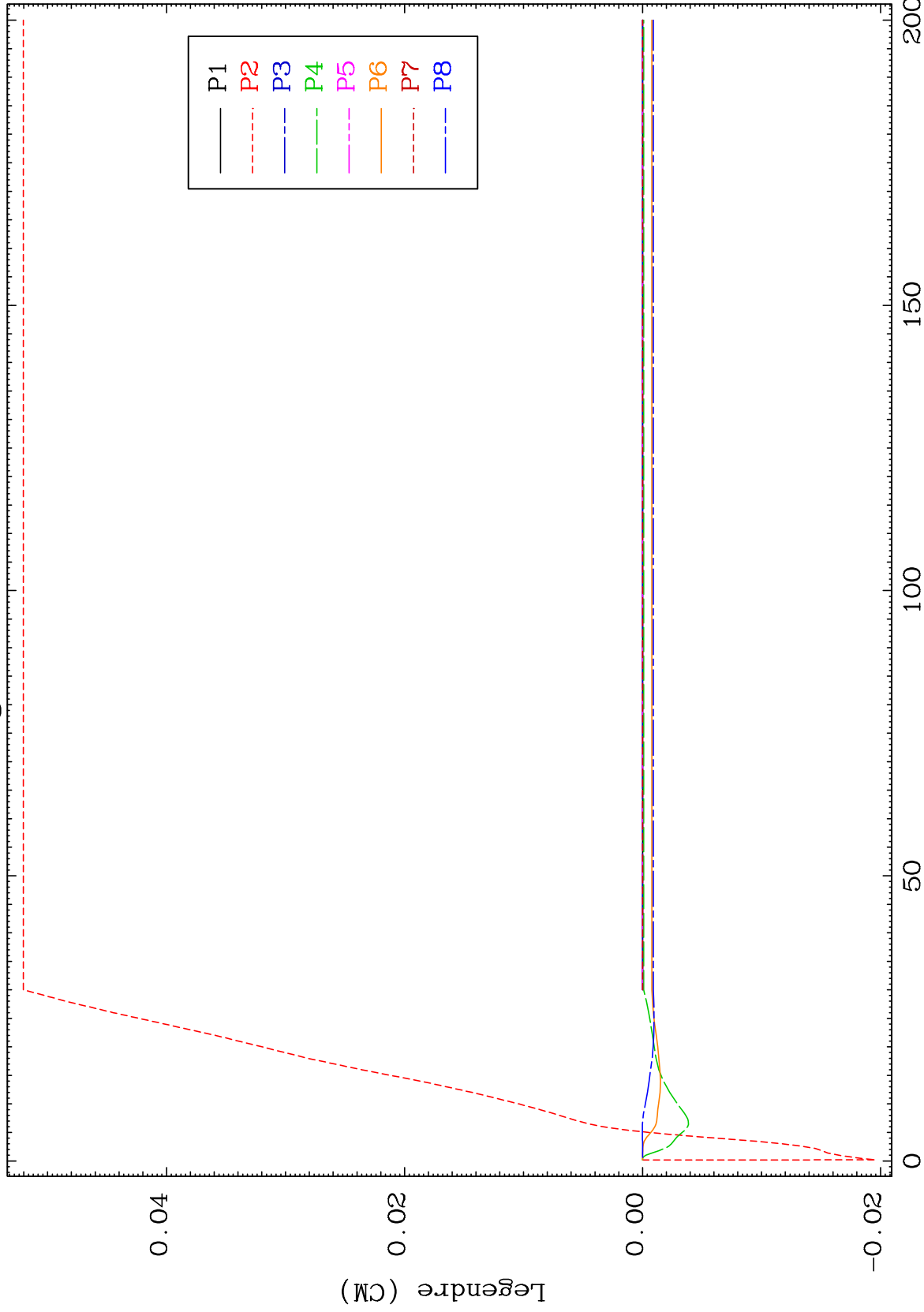
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



36

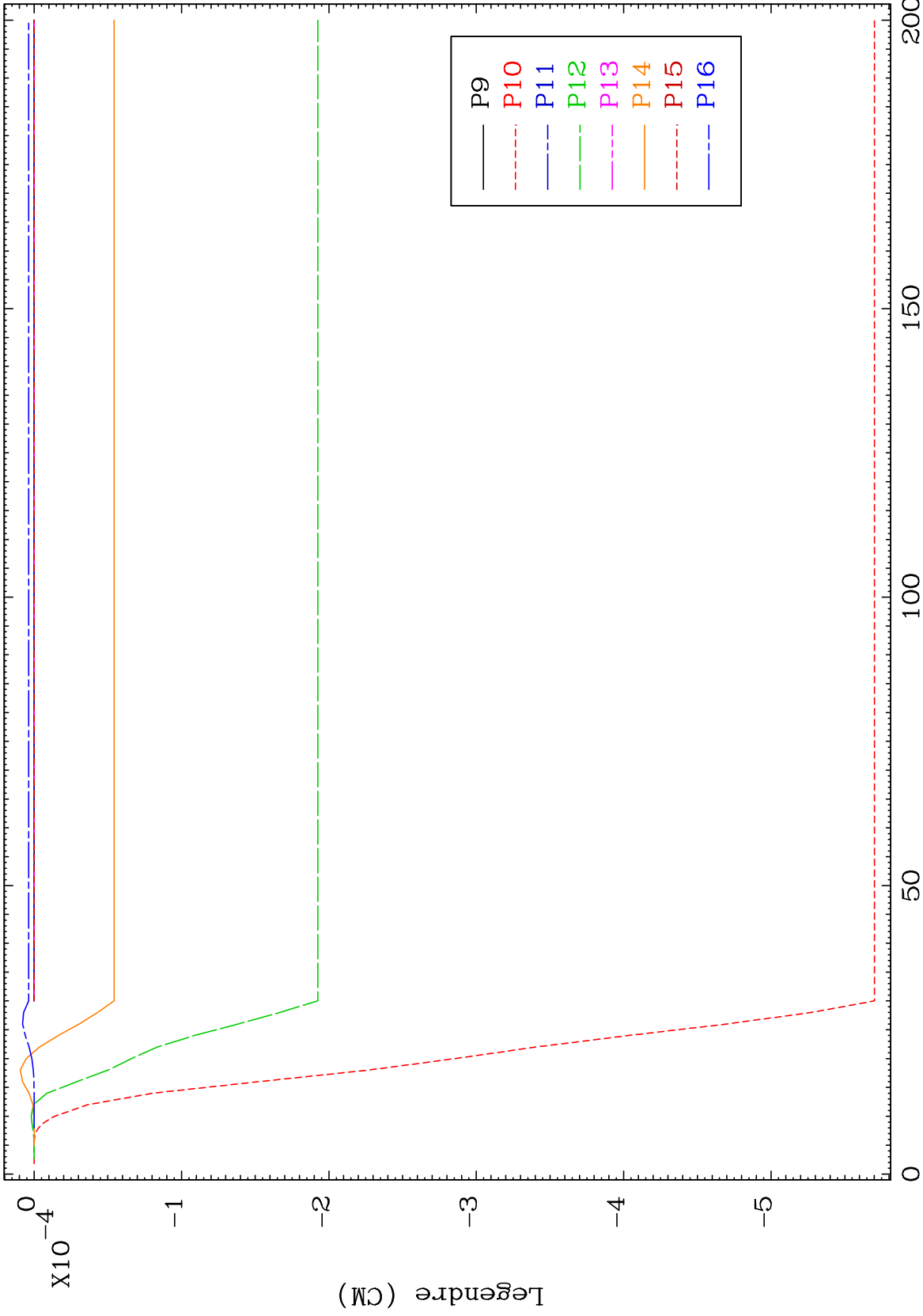
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



37

Incident Energy (MeV)

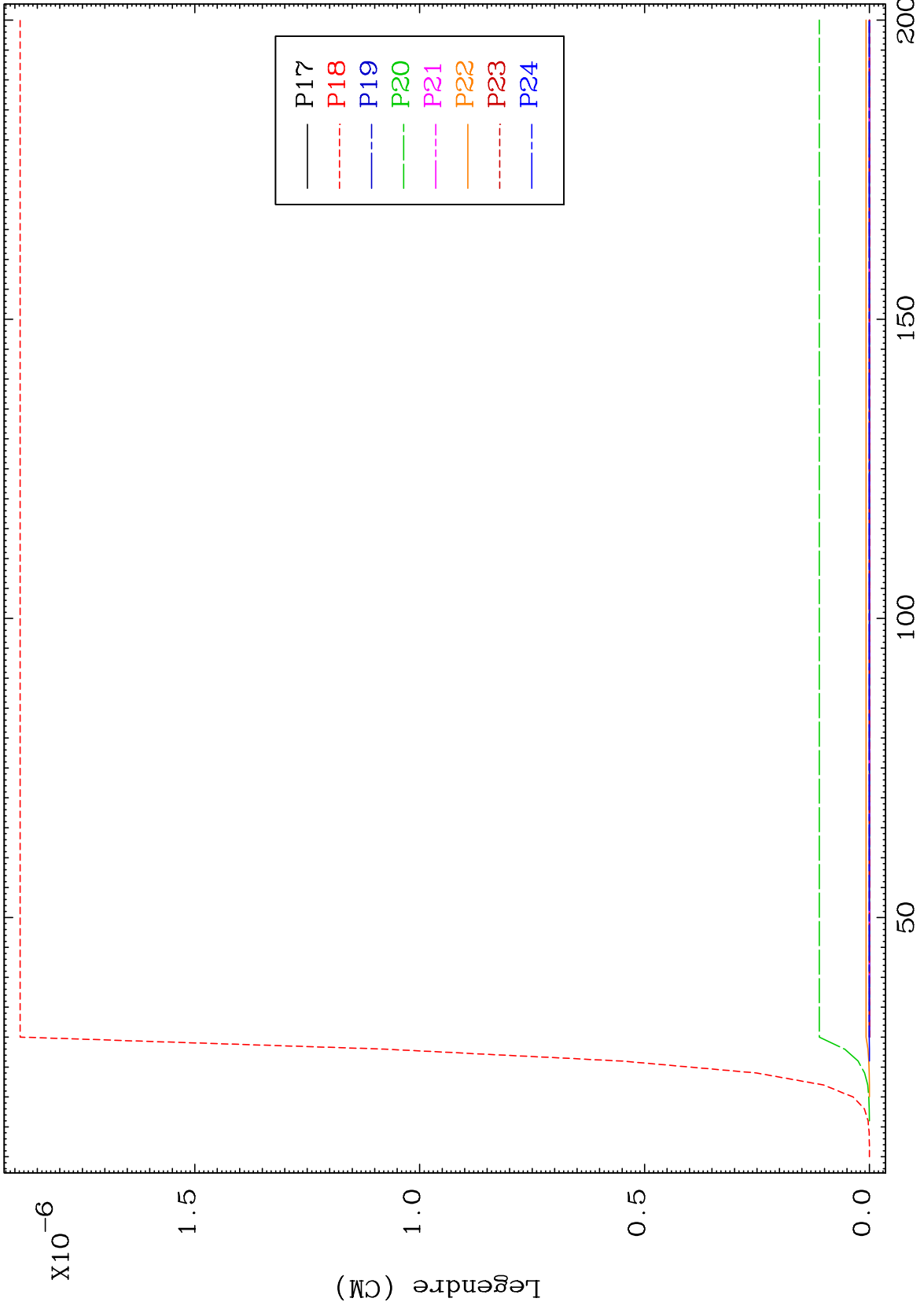
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MAT 4710

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

47-Ag-102

47-Ag-102

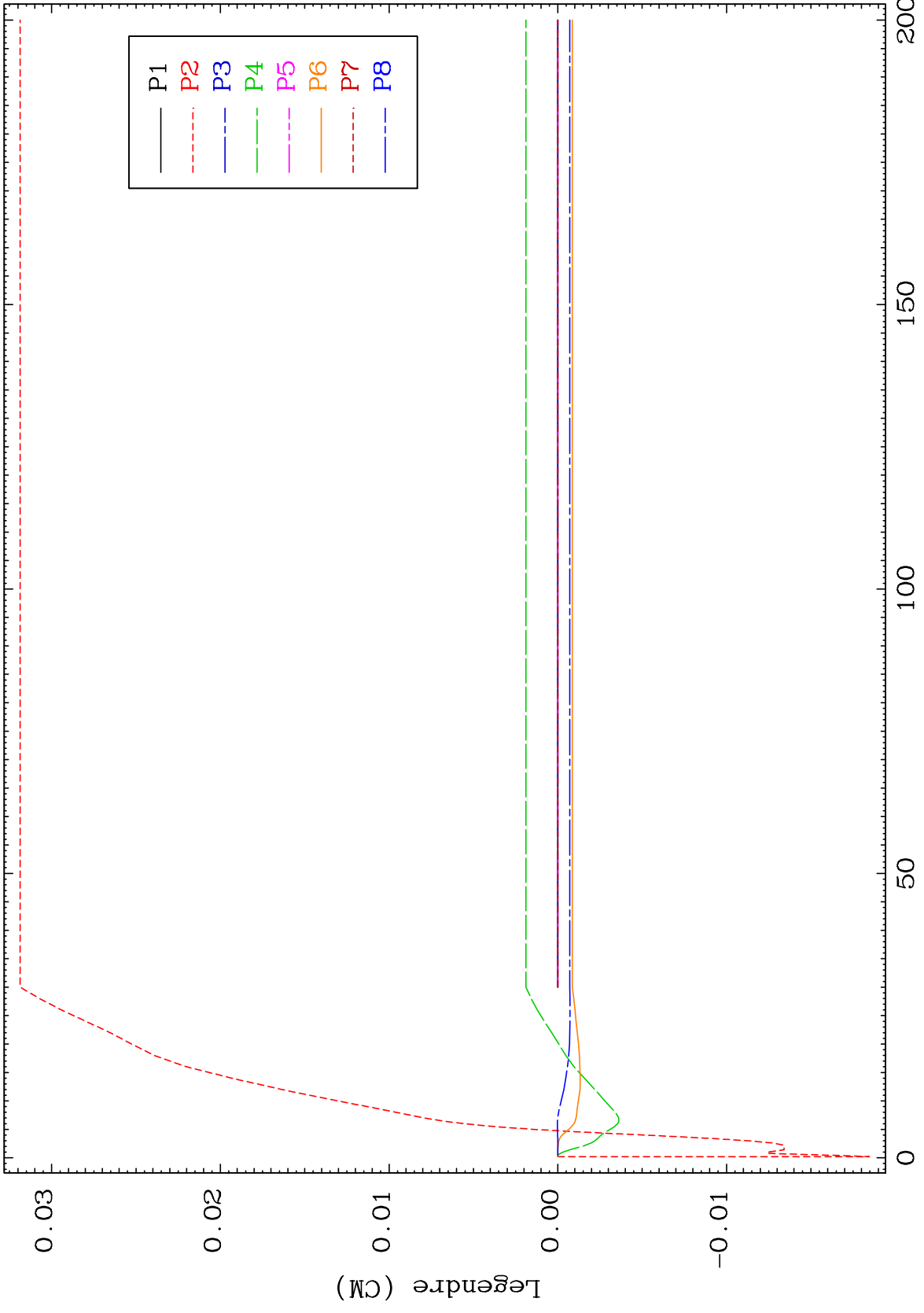


38

MAT 4710

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

47-Ag-102



39

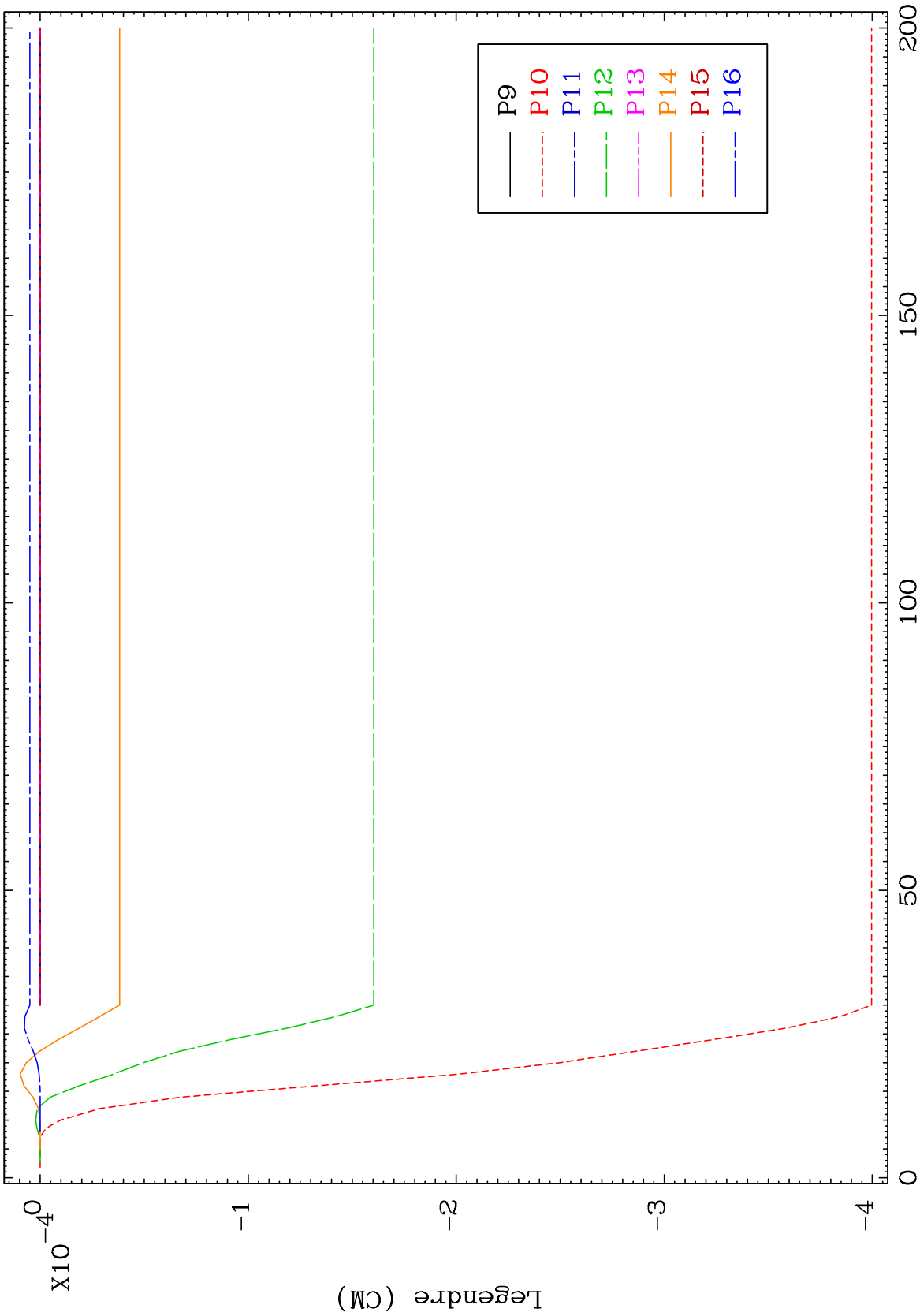
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



40

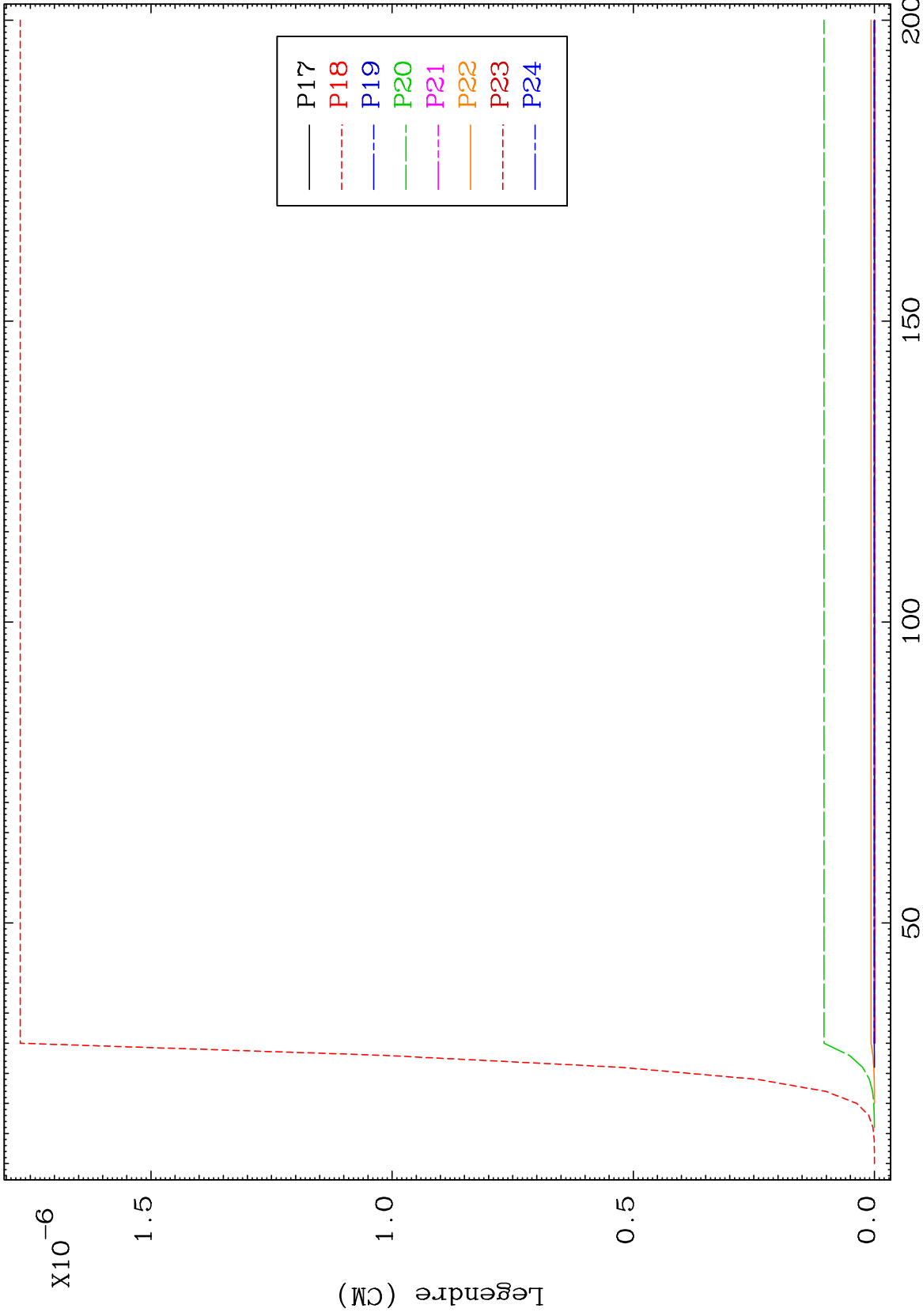
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



41

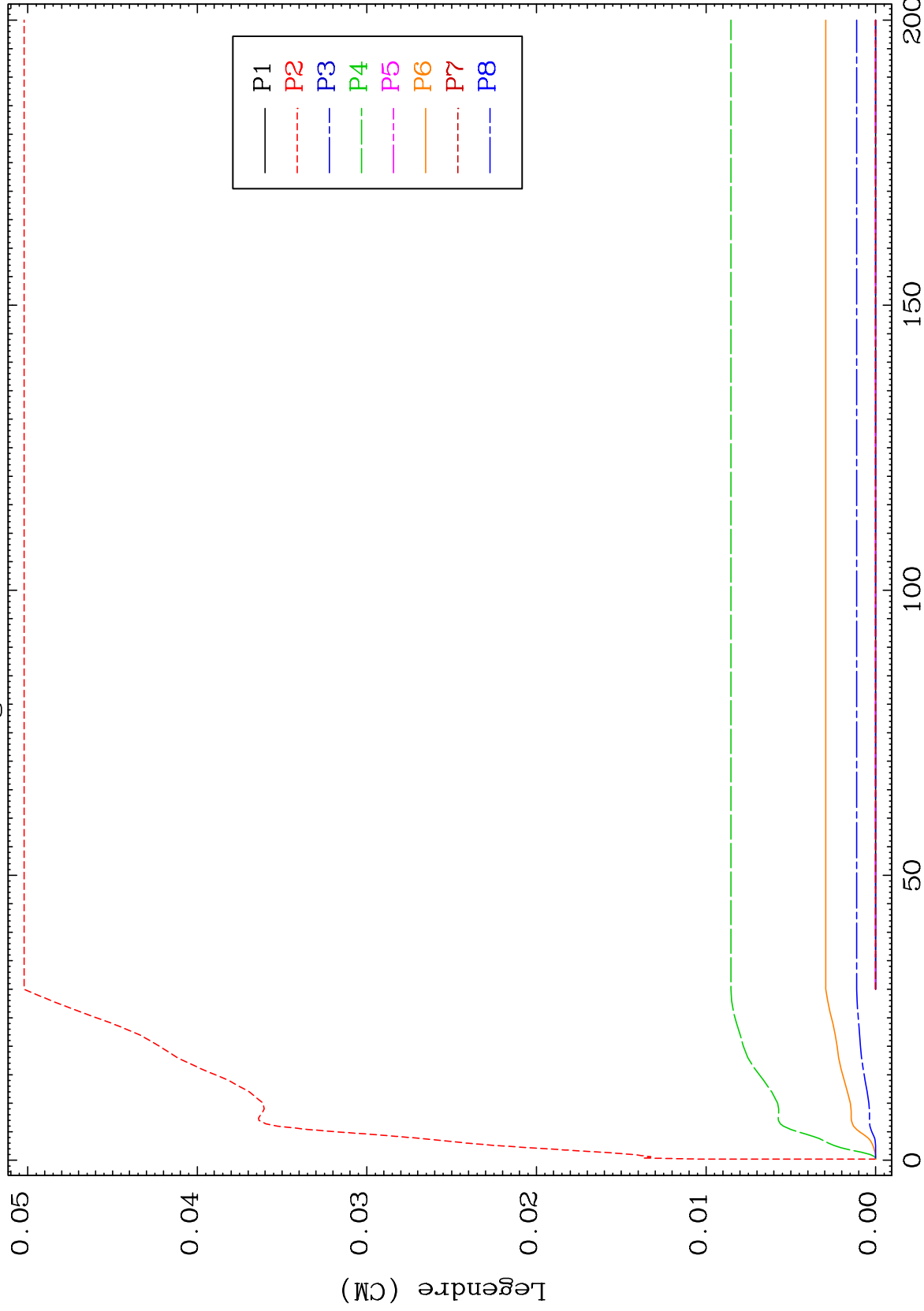
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



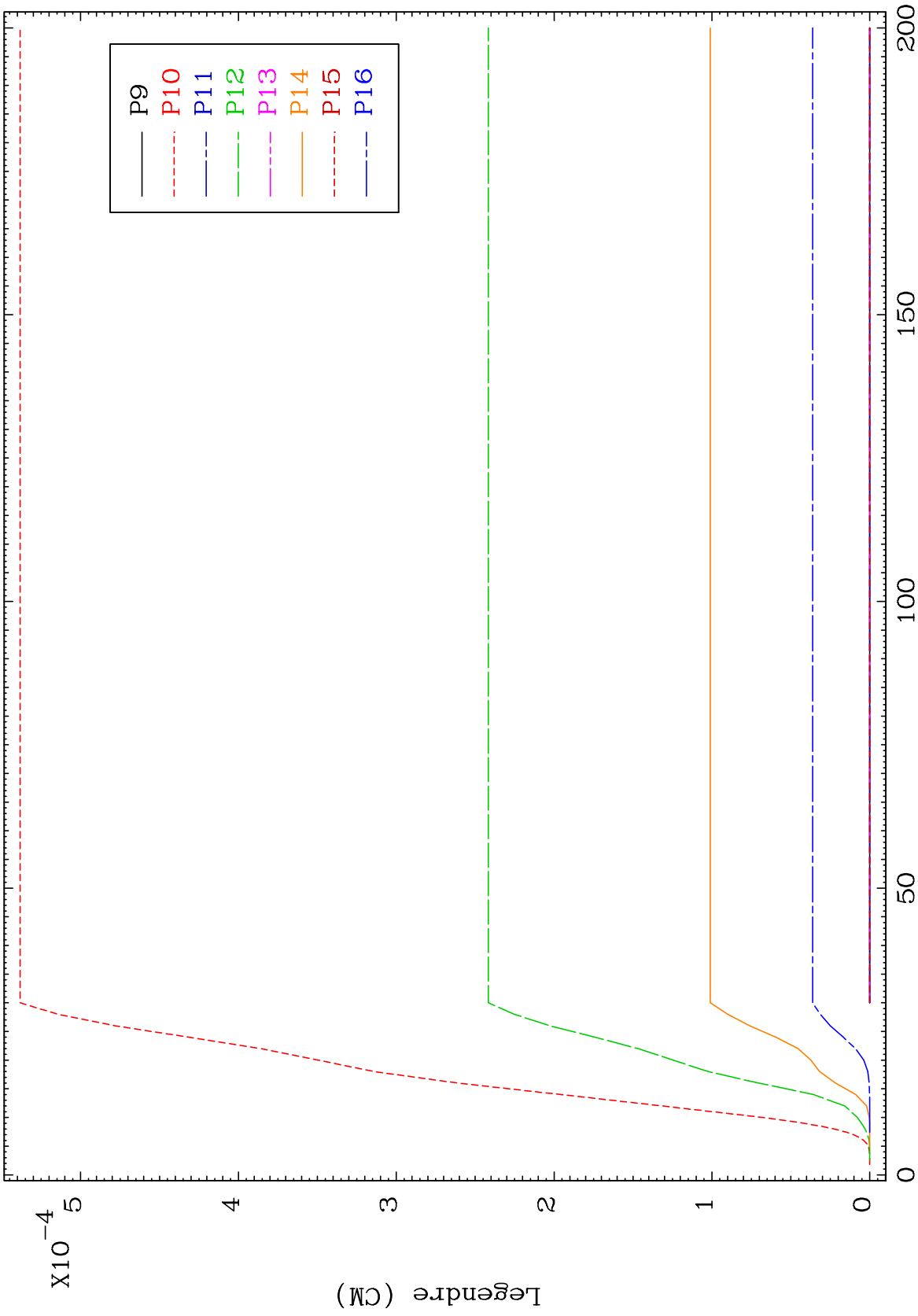
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47-Ag-102

MAT 4710

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

47-Ag-102



43

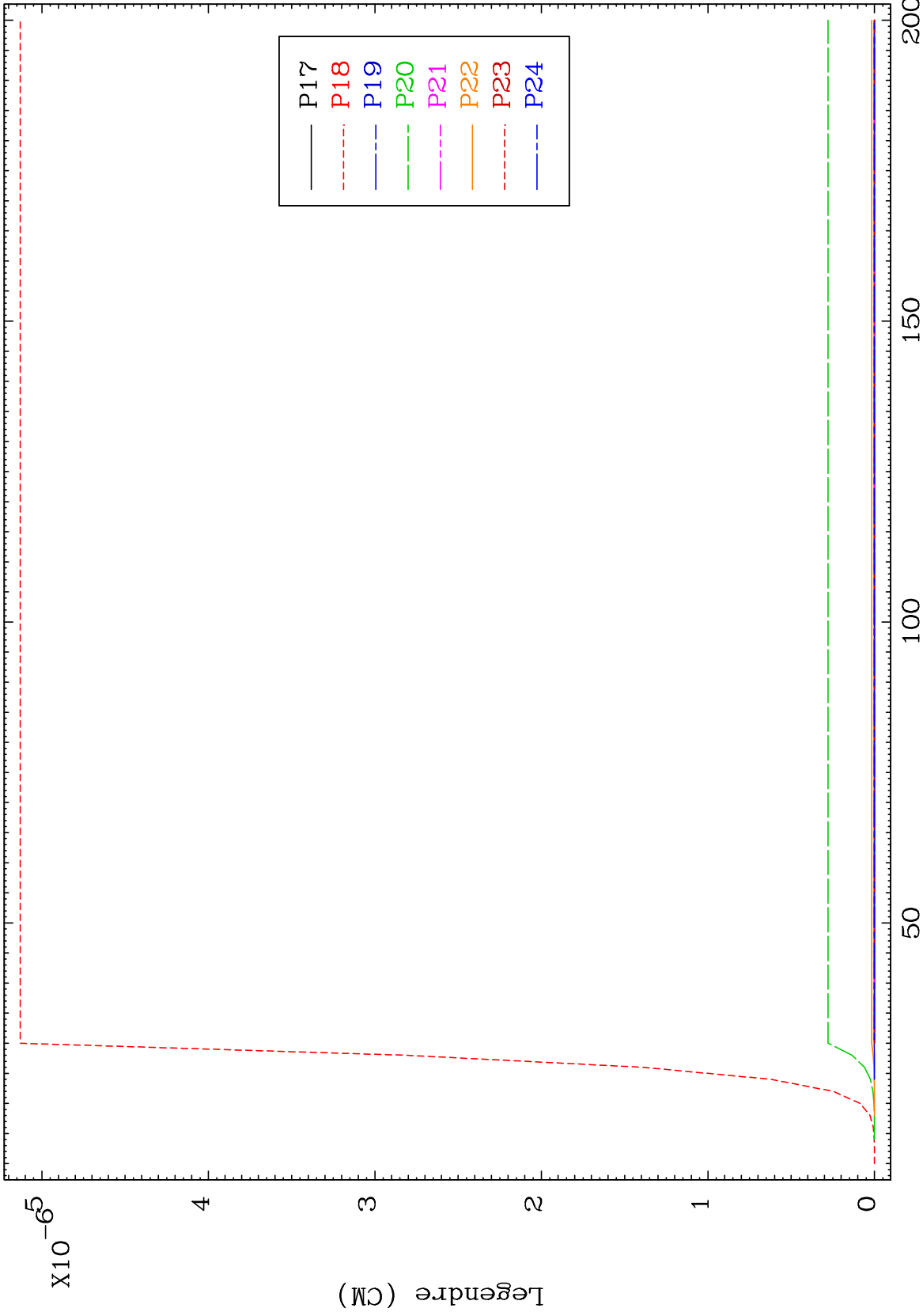
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



44

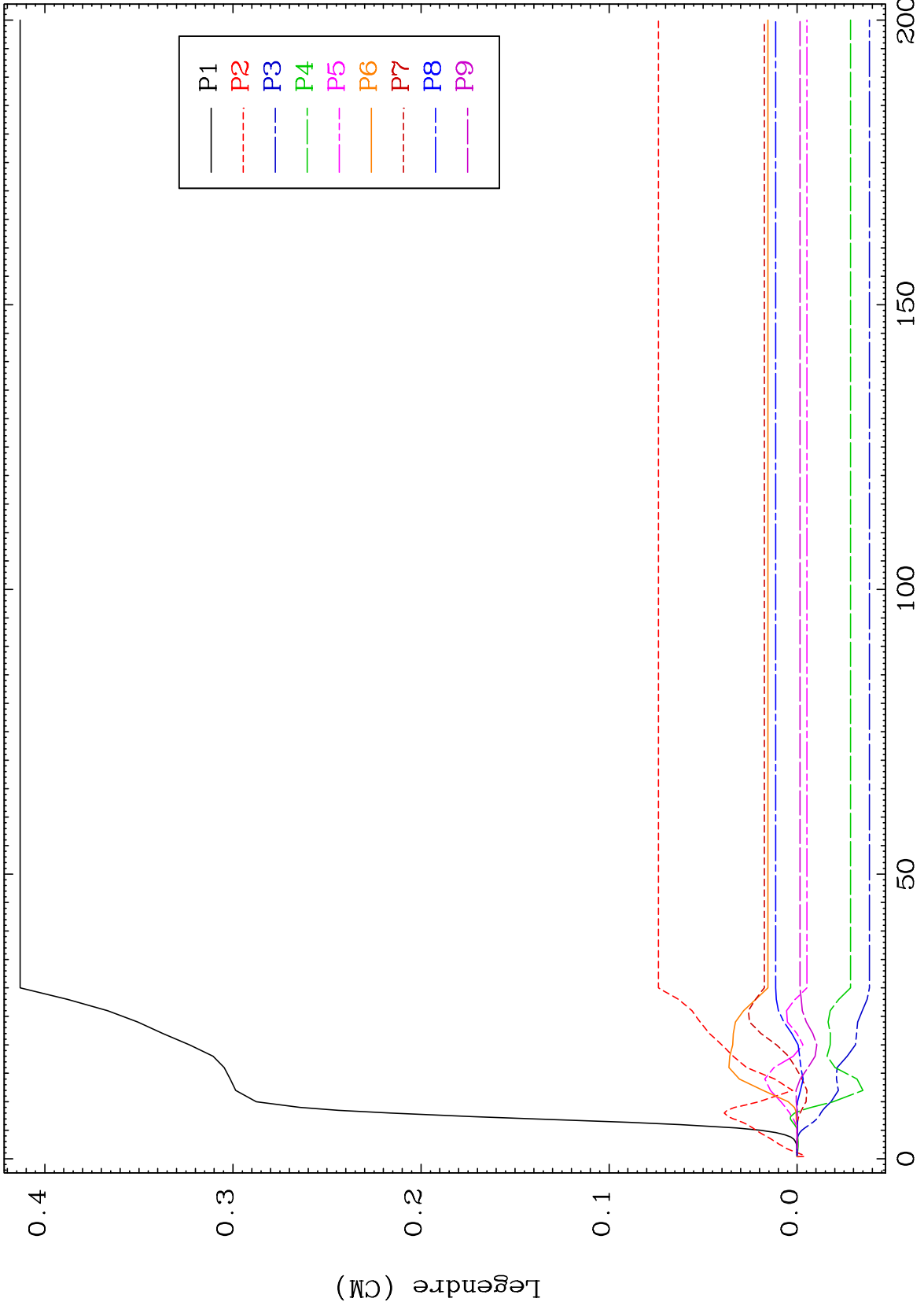
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



45

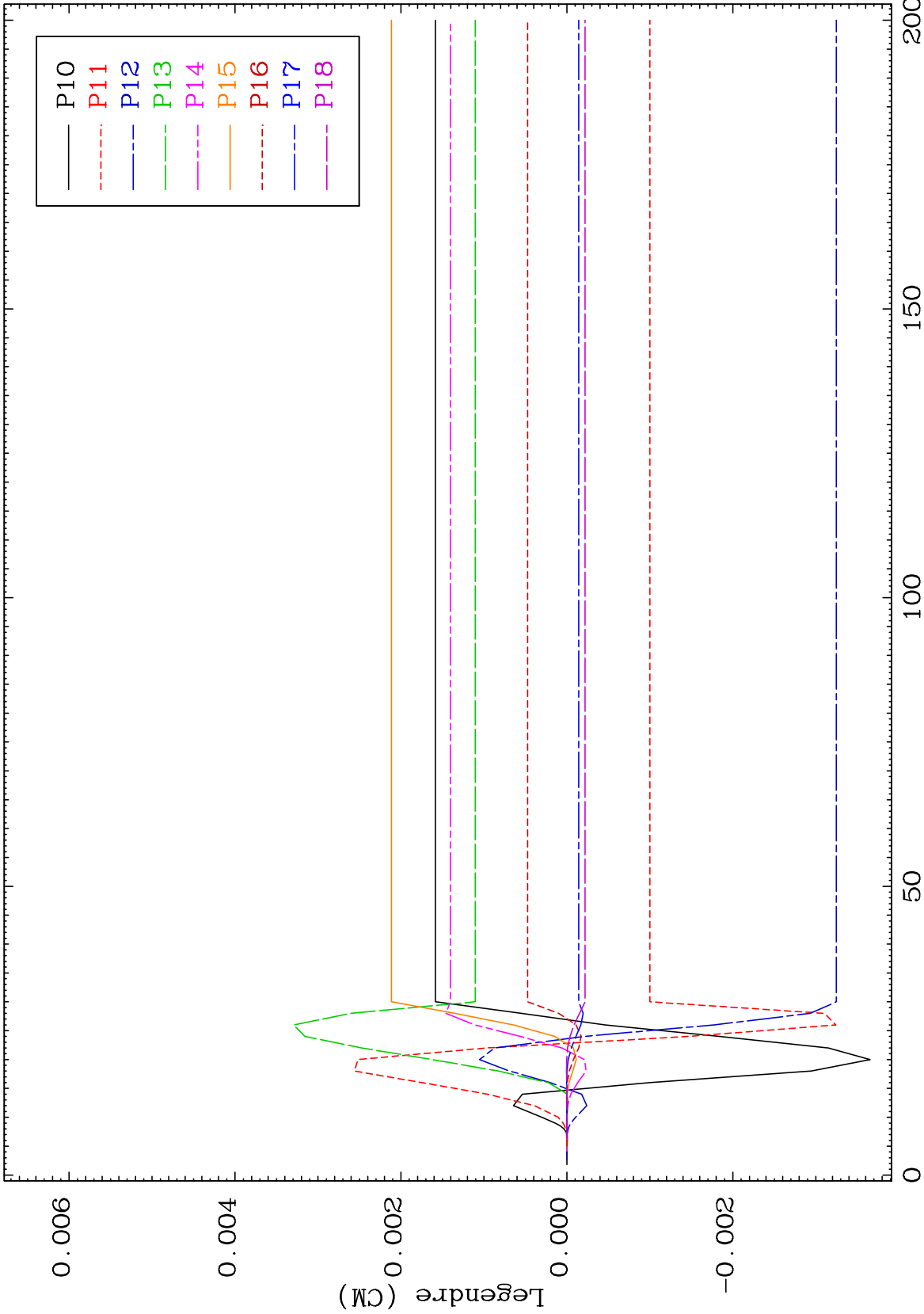
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



46

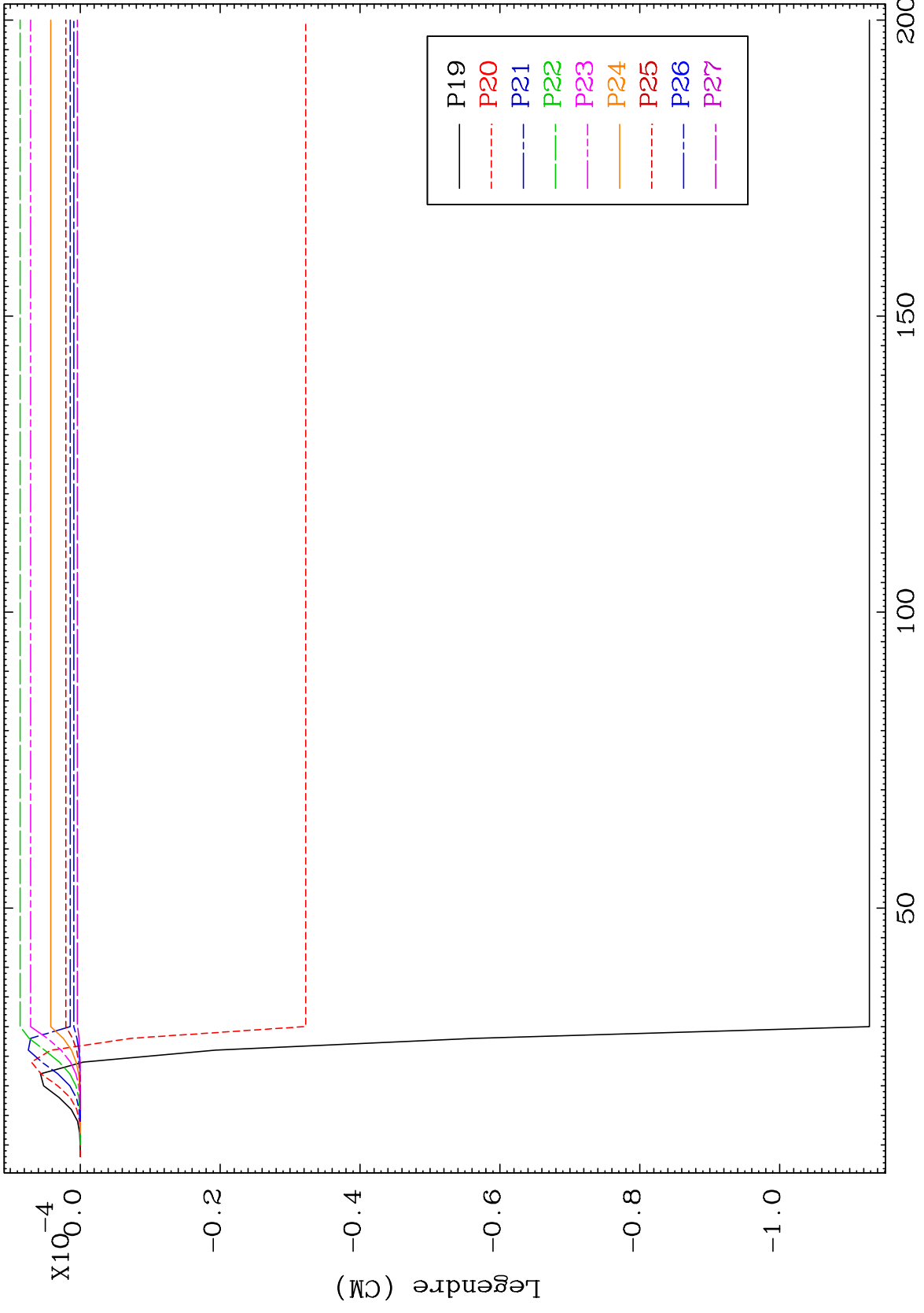
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



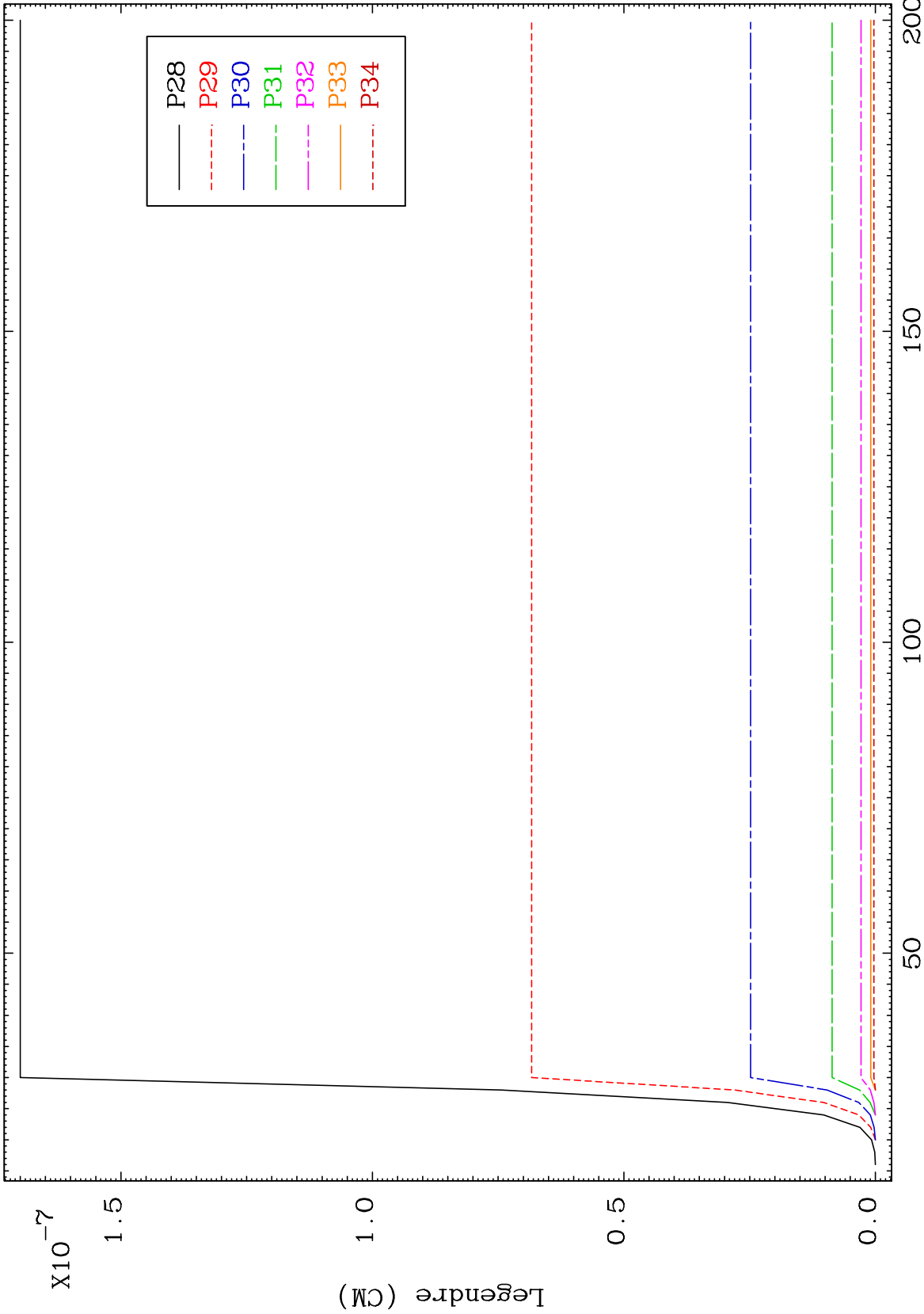
47-Ag-102

47

MAT 4710

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

47-Ag-102



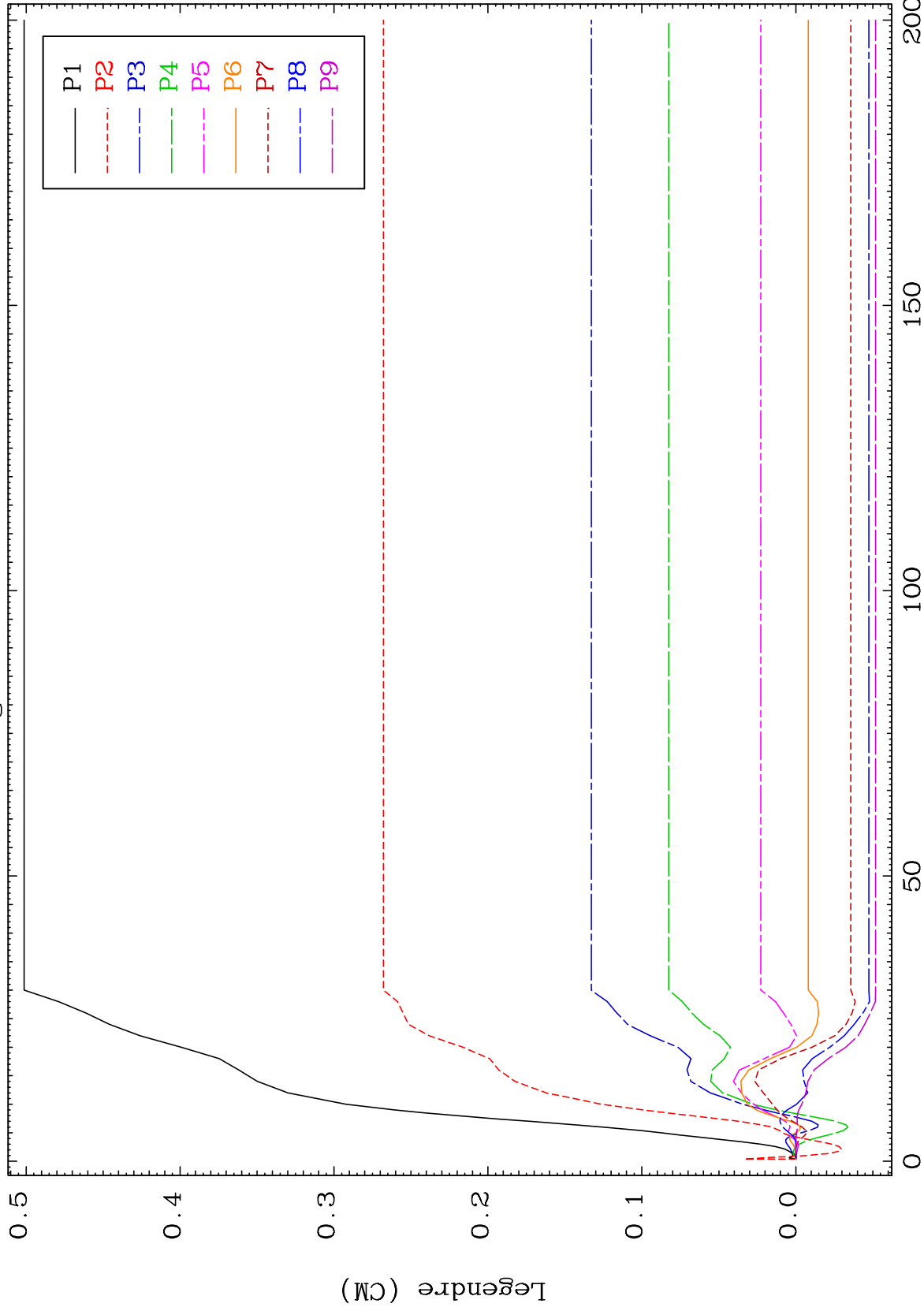
48

47-Ag-102

MAT 4710

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

47-Ag-102



49

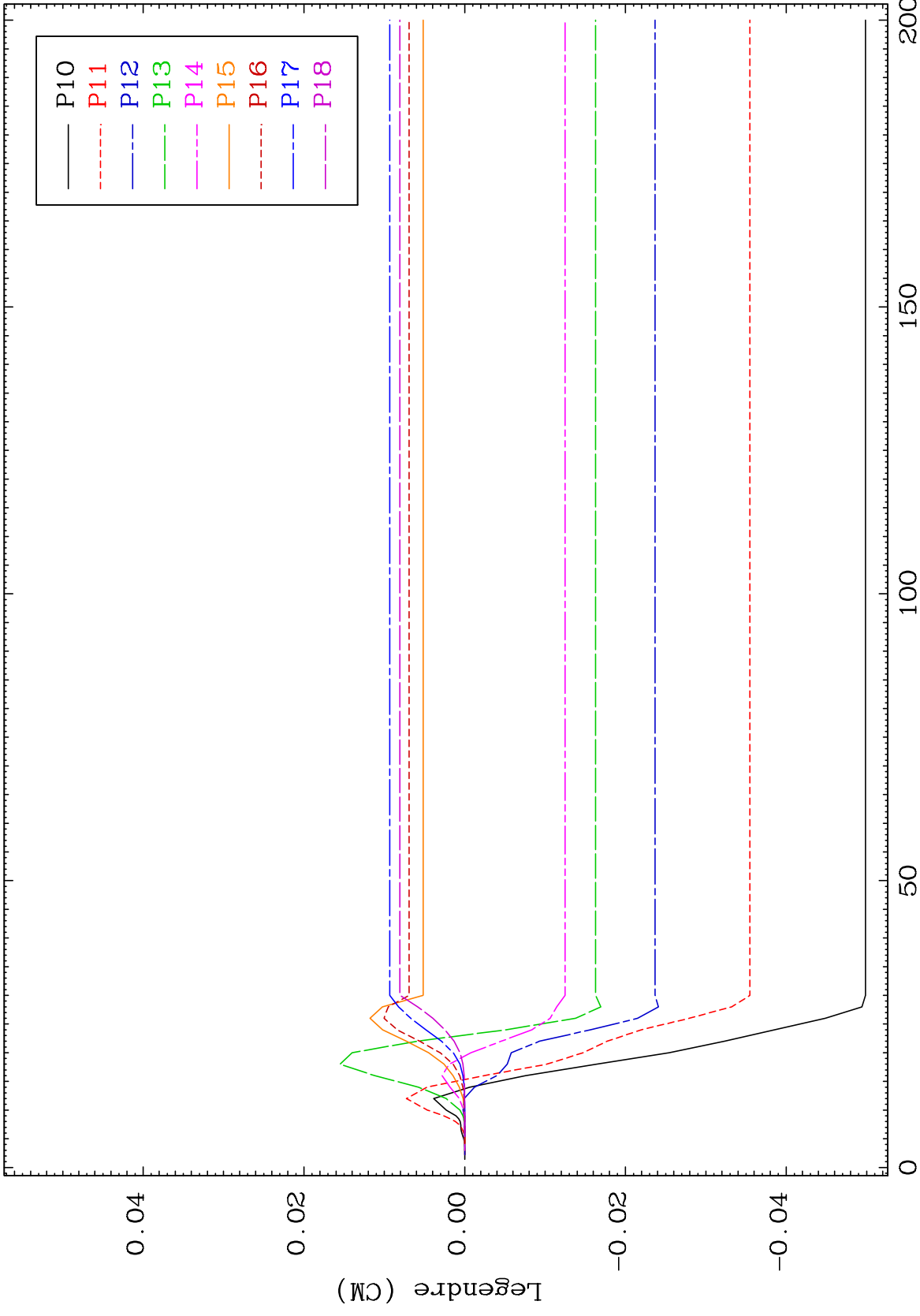
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



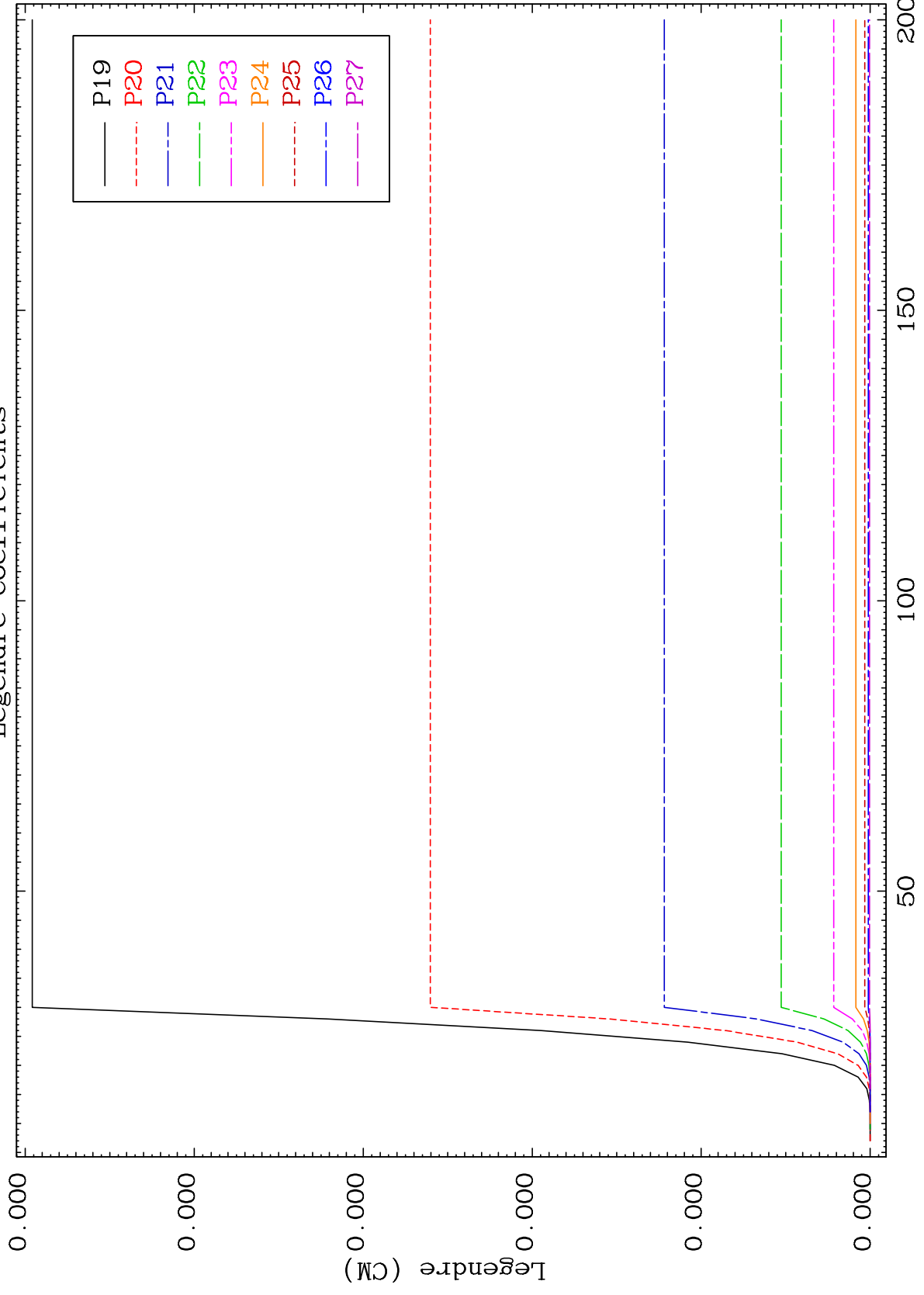
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Incident Energy (MeV)

150

47-Ag-102

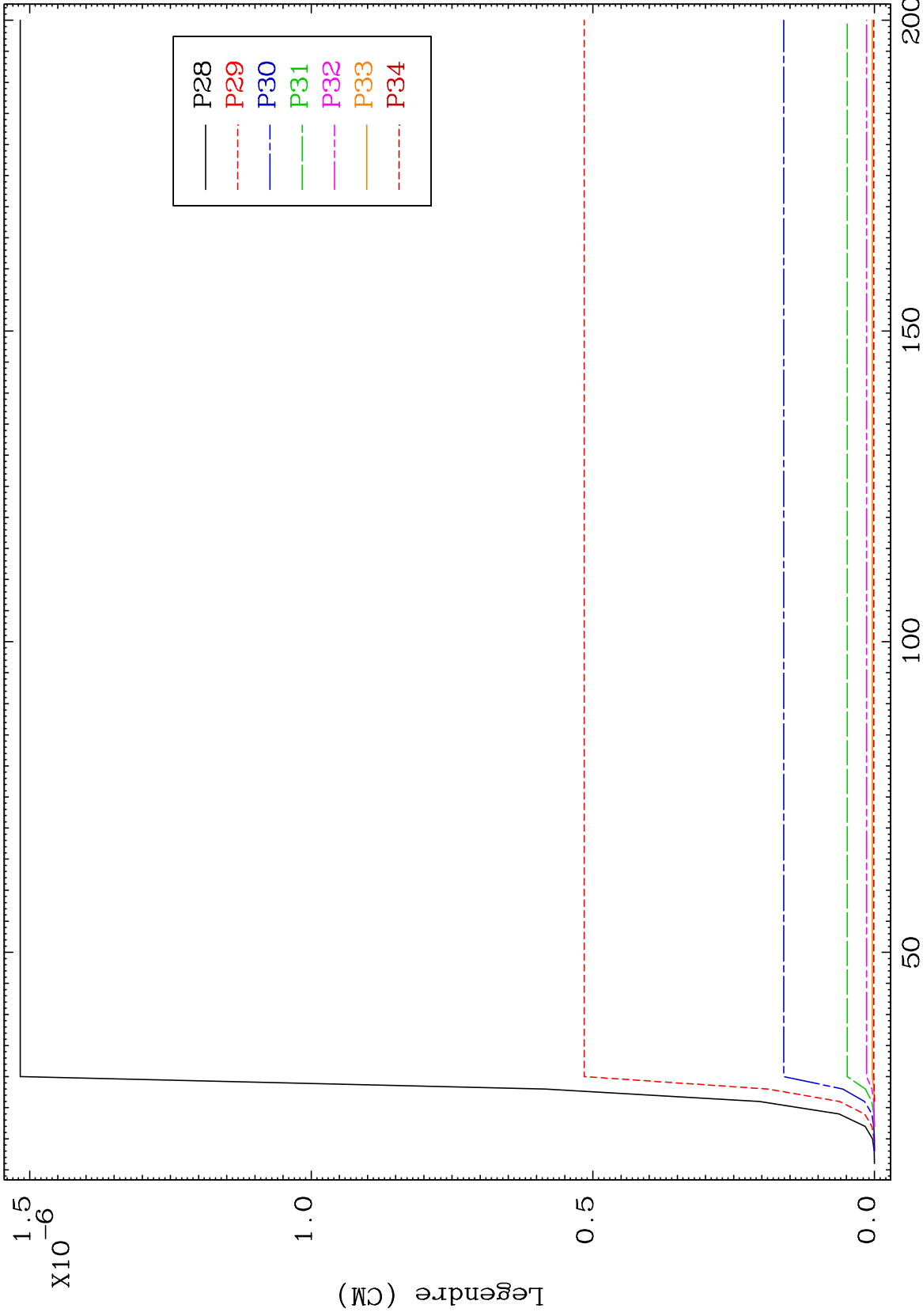
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MAT 4710

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

47-Ag-102



52

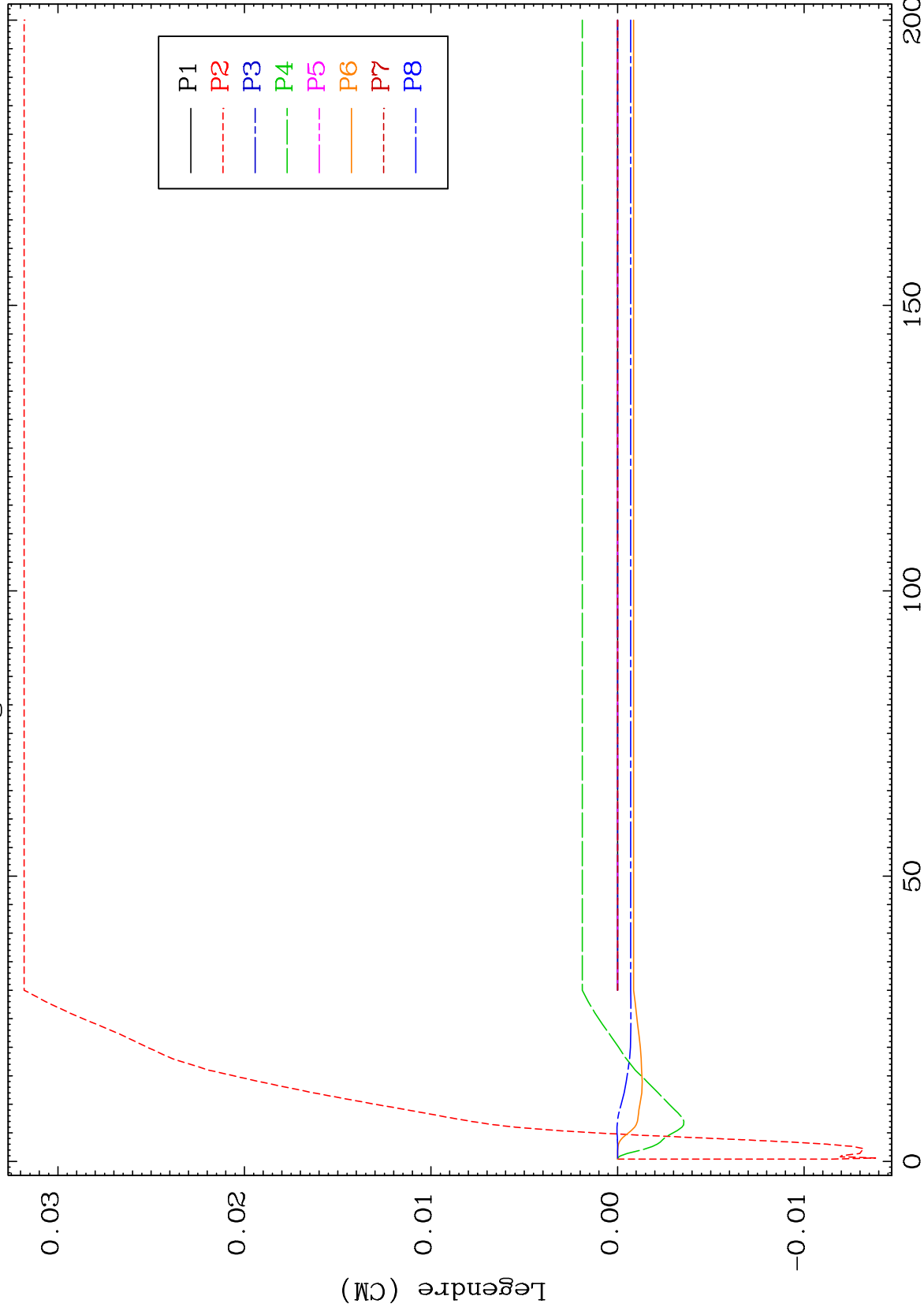
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



53

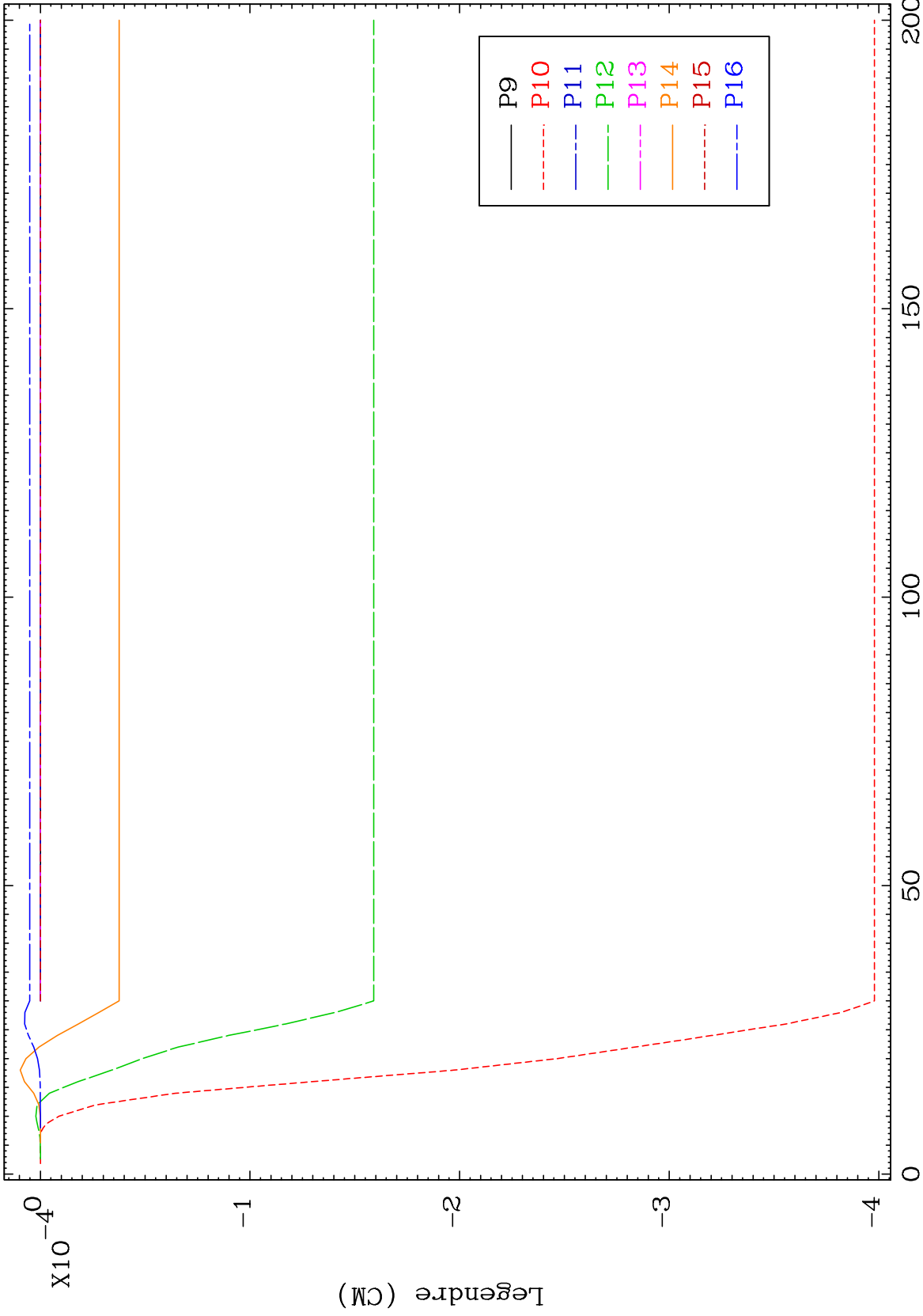
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



54

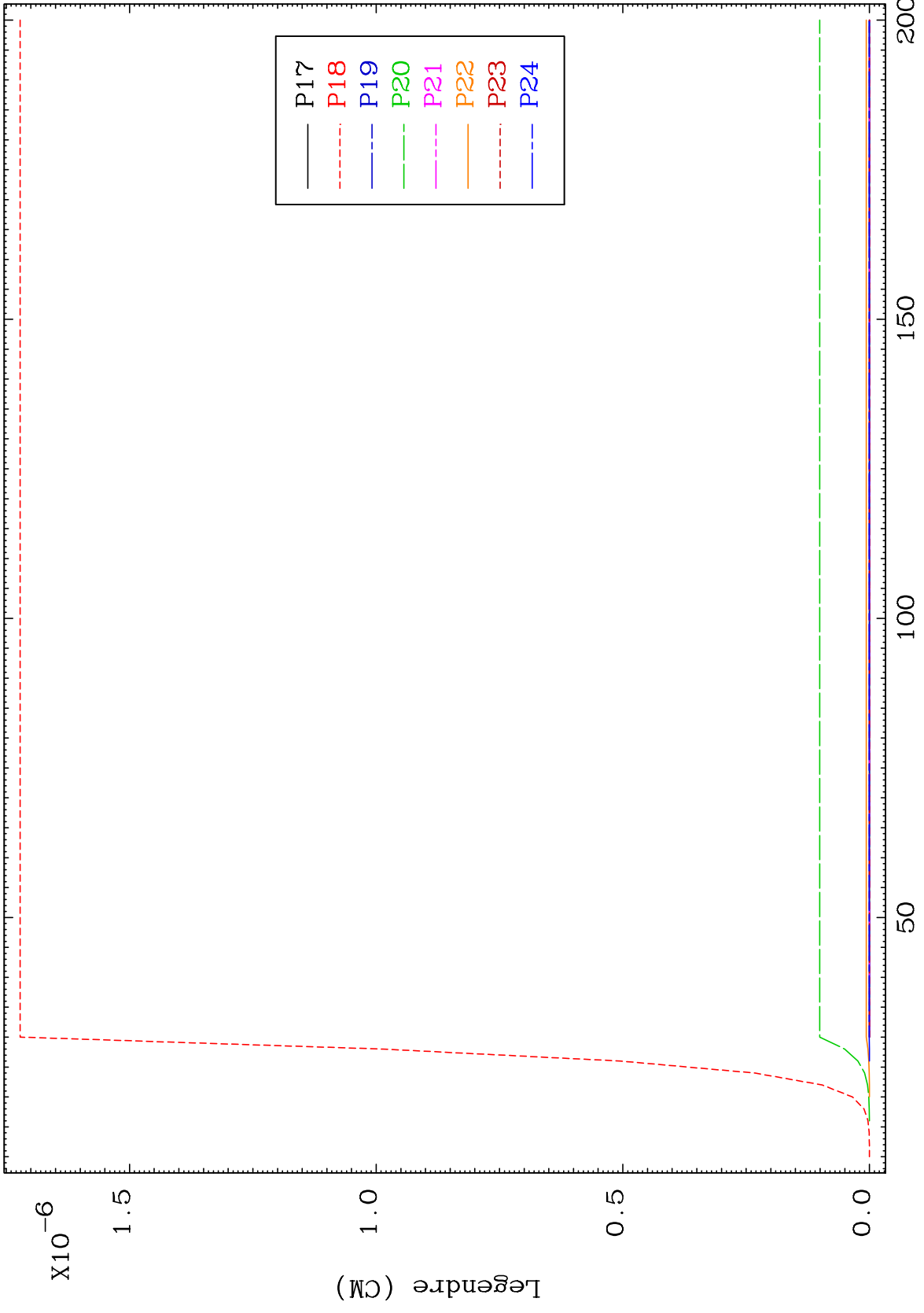
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

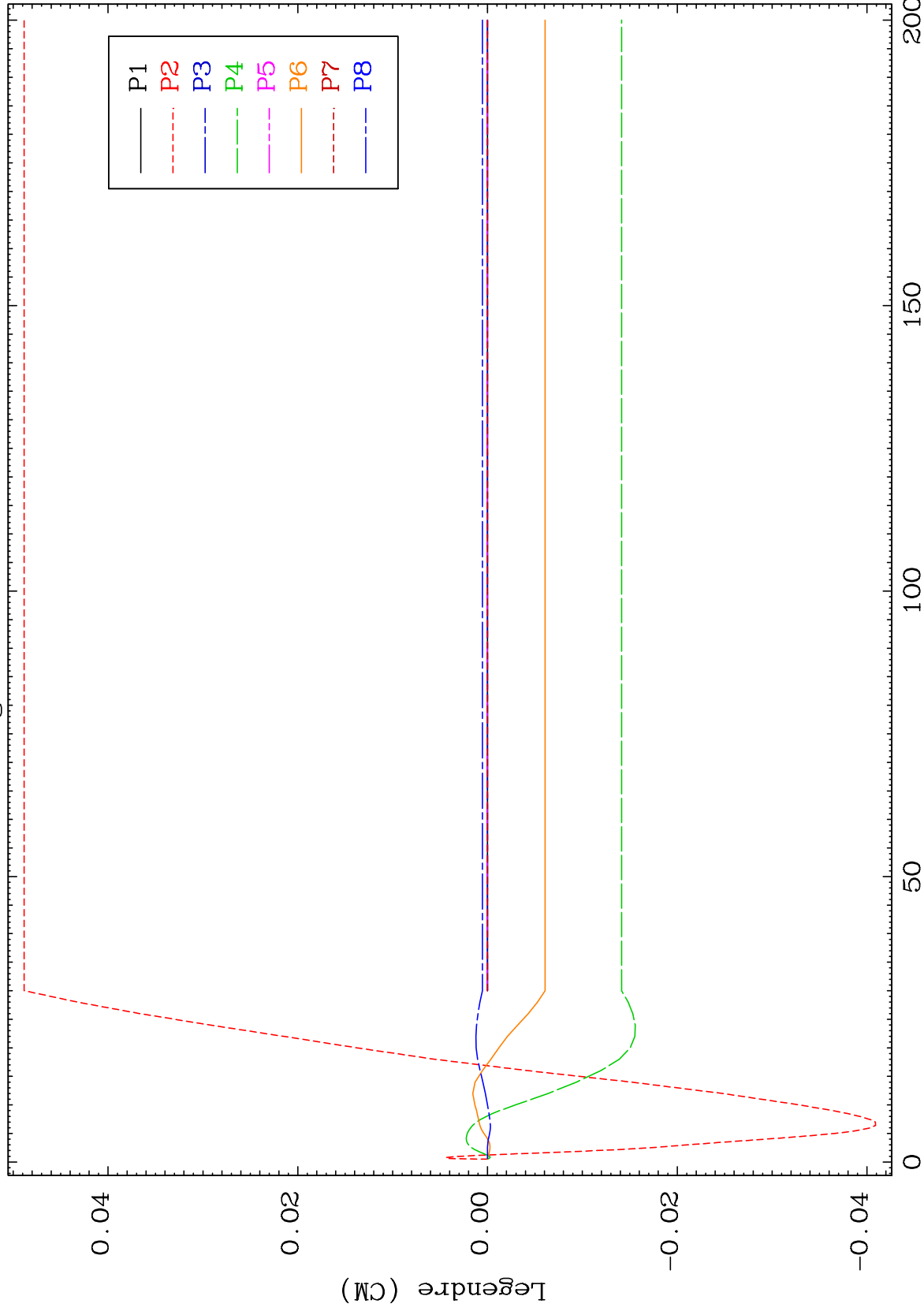
Incident Energy (MeV)

55

MAT 4710

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

47-Ag-102



56

Incident Energy (MeV)

47-Ag-102

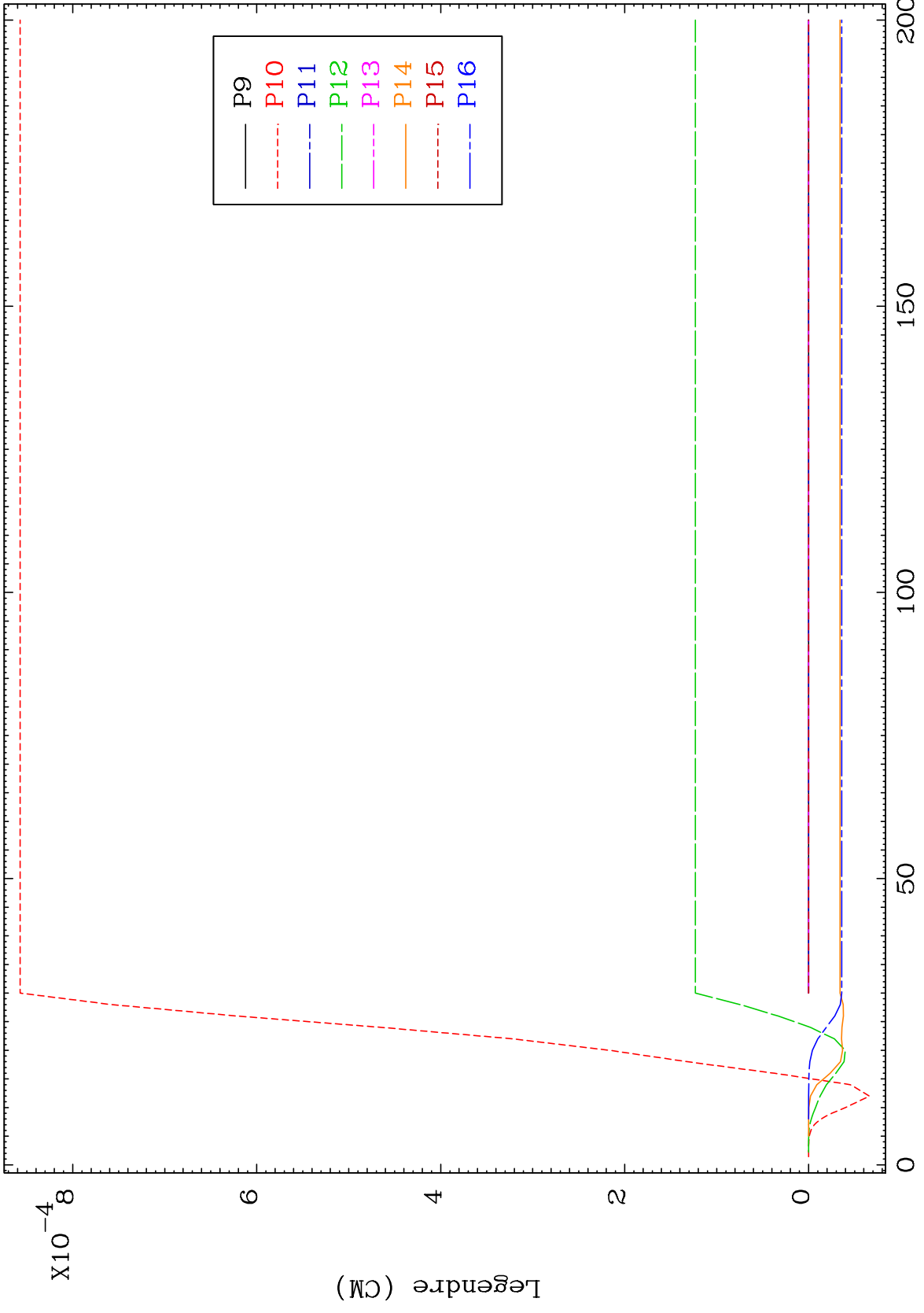
MAT 4710

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

47-Ag-102

Incident Energy (MeV)

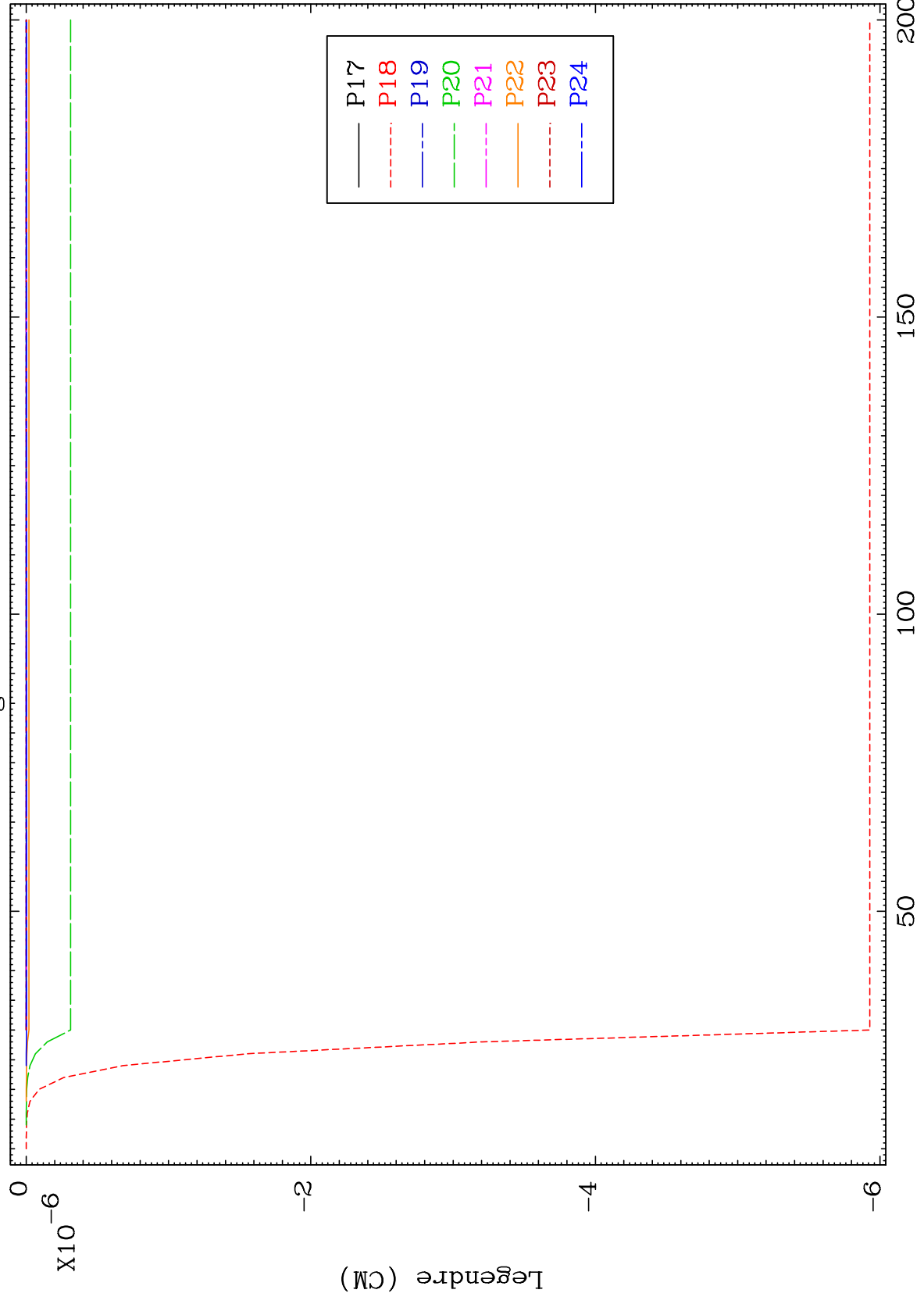
57



MAT 4710

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

47-Ag-102



47-Ag-102

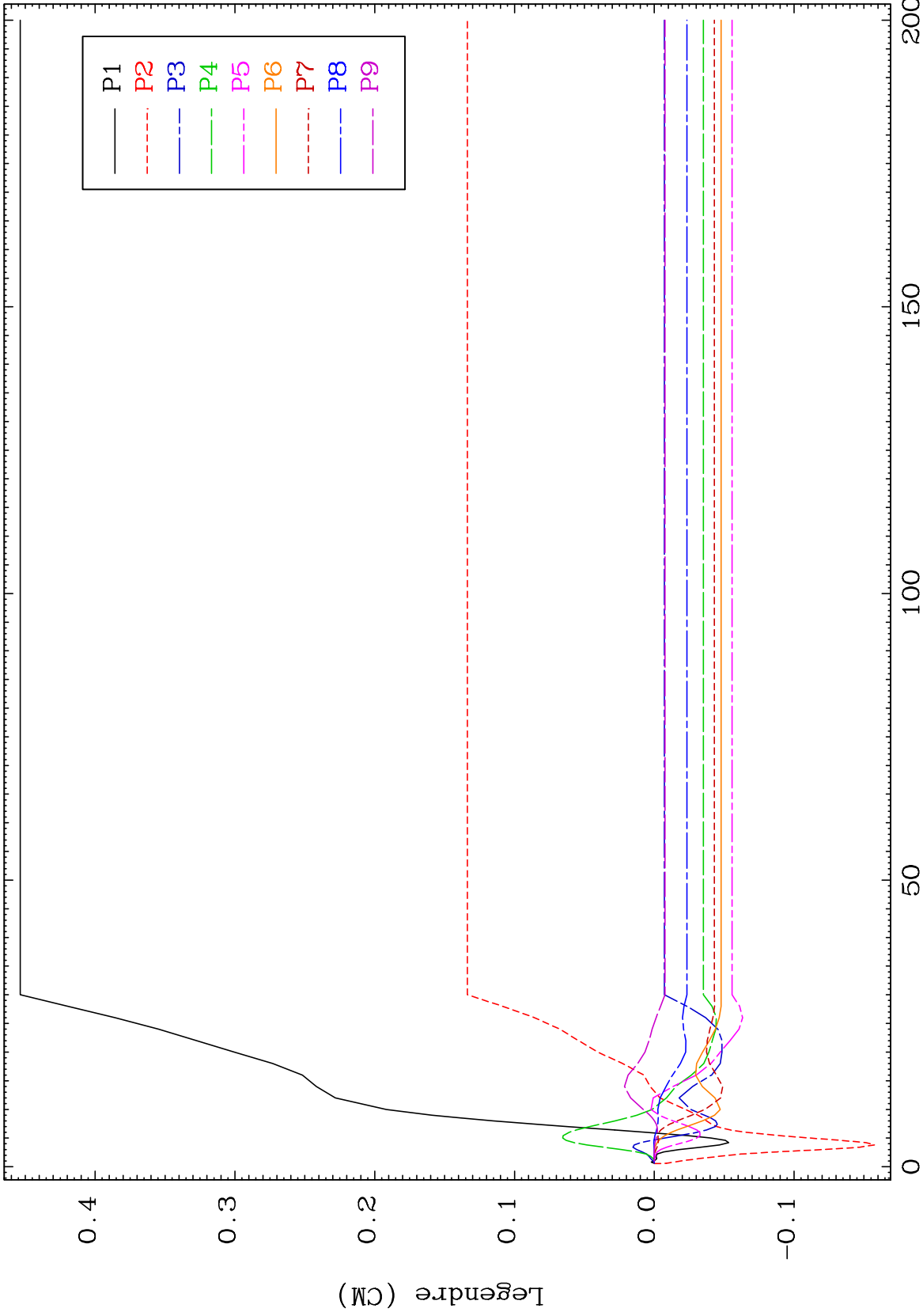
Incident Energy (MeV)

58

MAT 4710

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

47-Ag-102



59

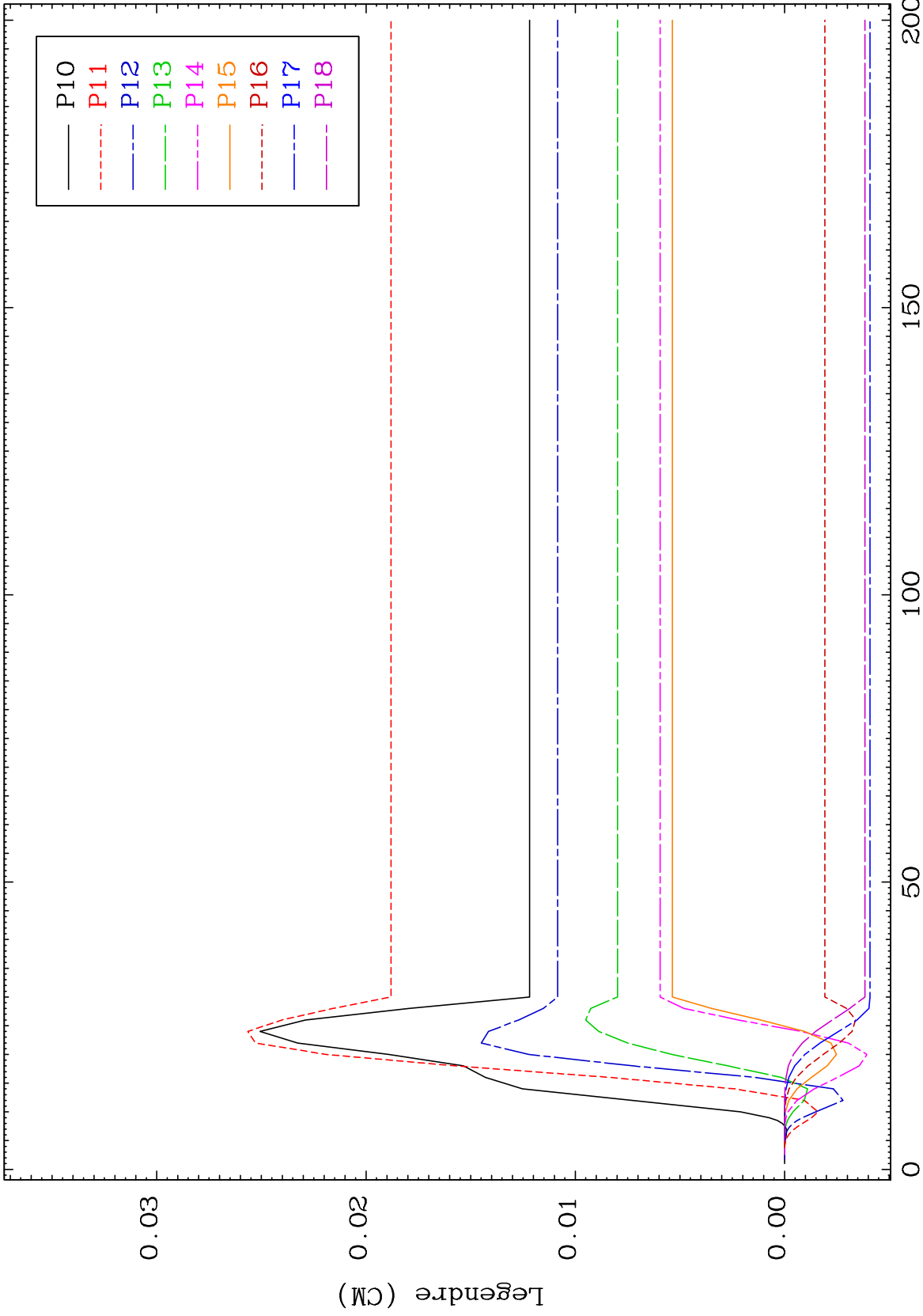
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



0

50

100

150

200

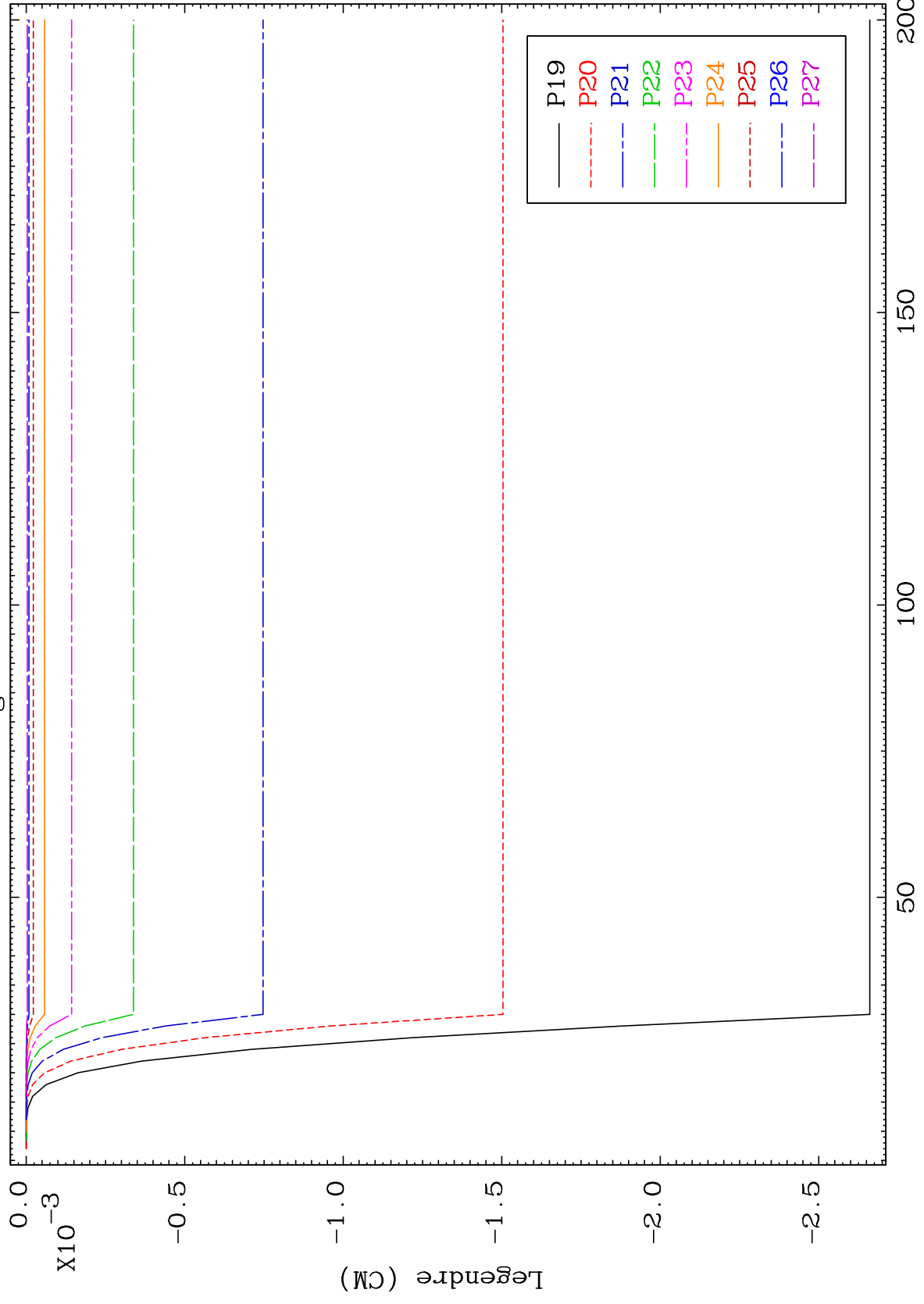
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

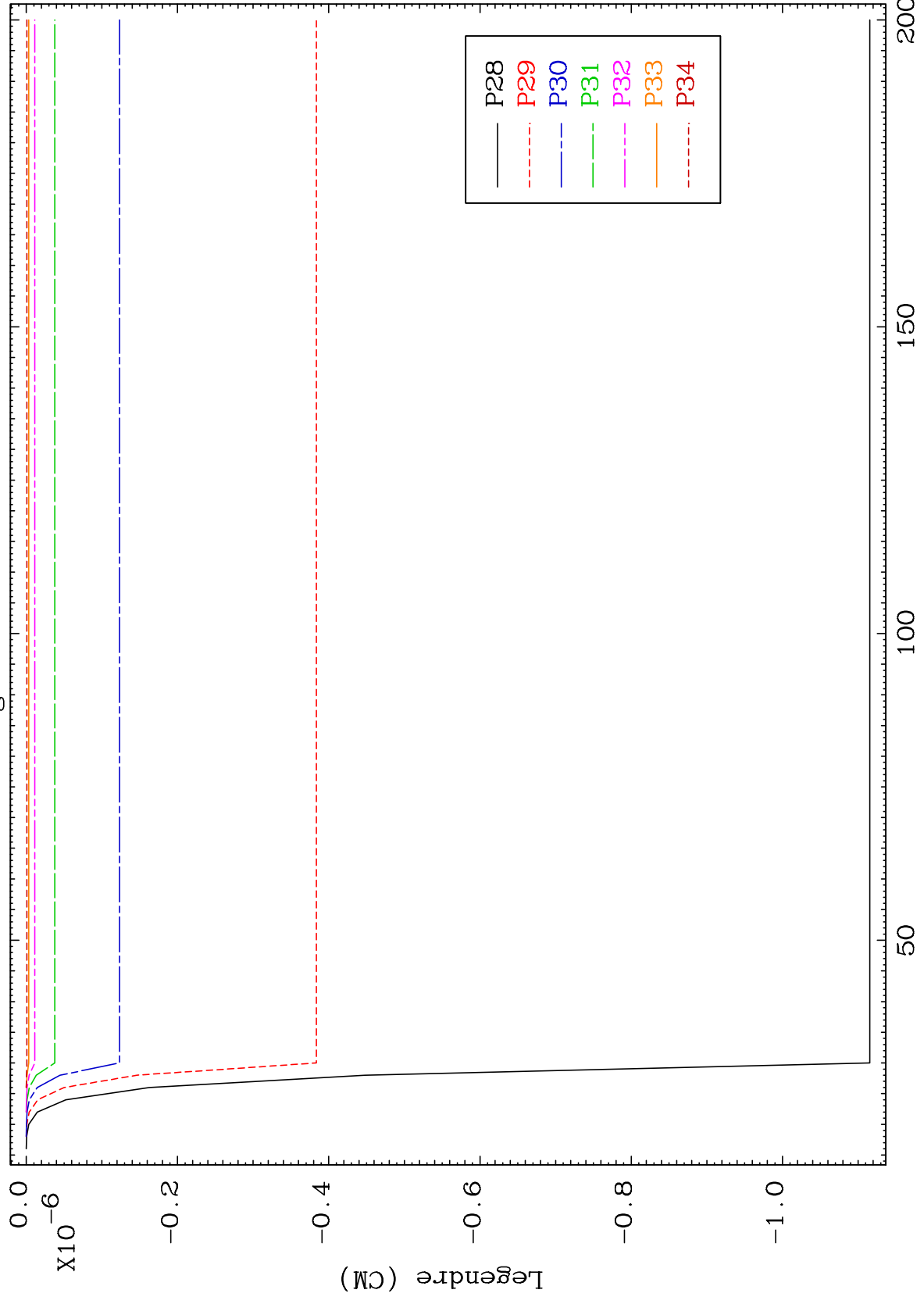
Incident Energy (MeV)

61

MAT 4710

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

47-Ag-102



47-Ag-102

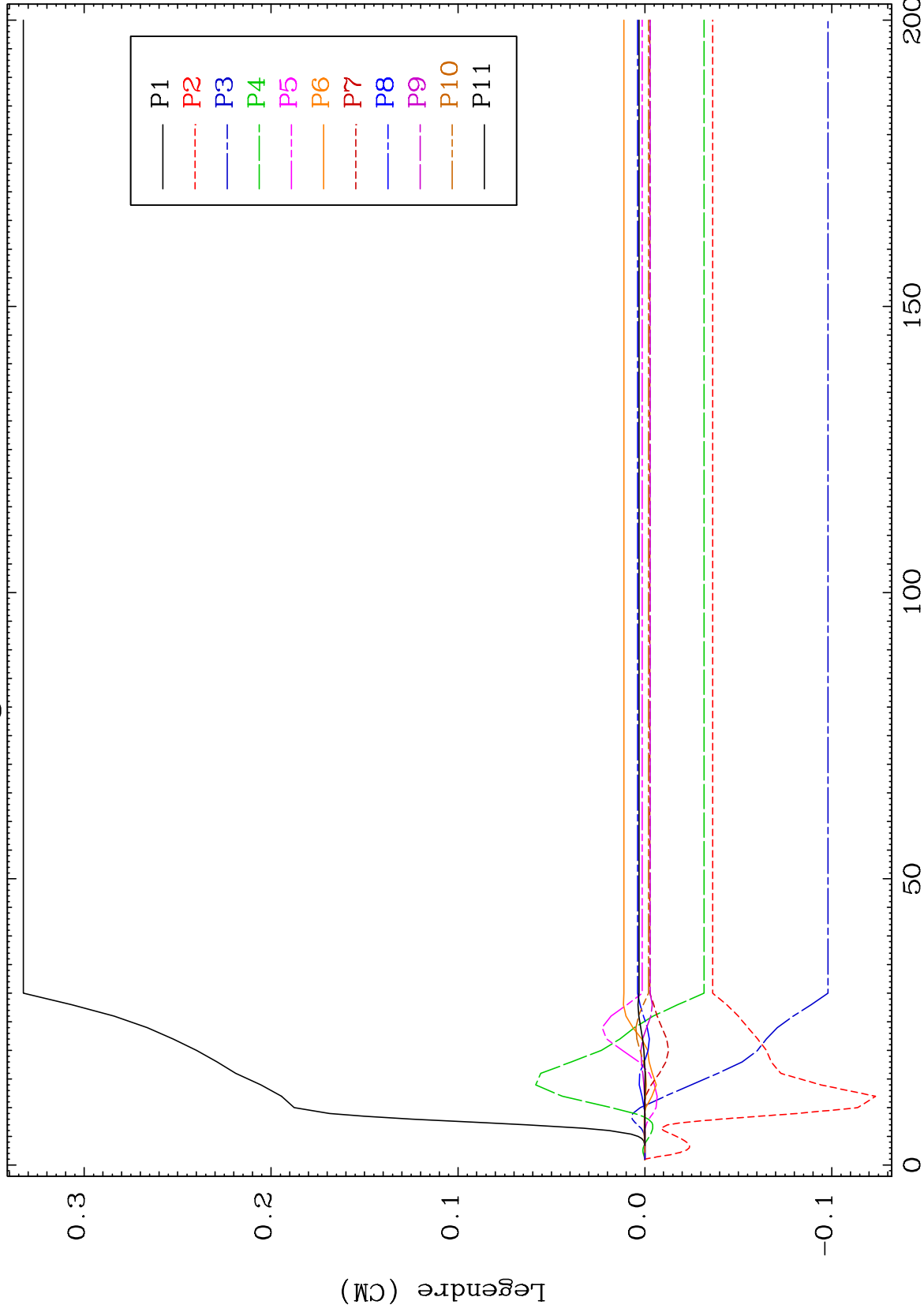
Incident Energy (MeV)

62

MAT 4710

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

47-Ag-102



63

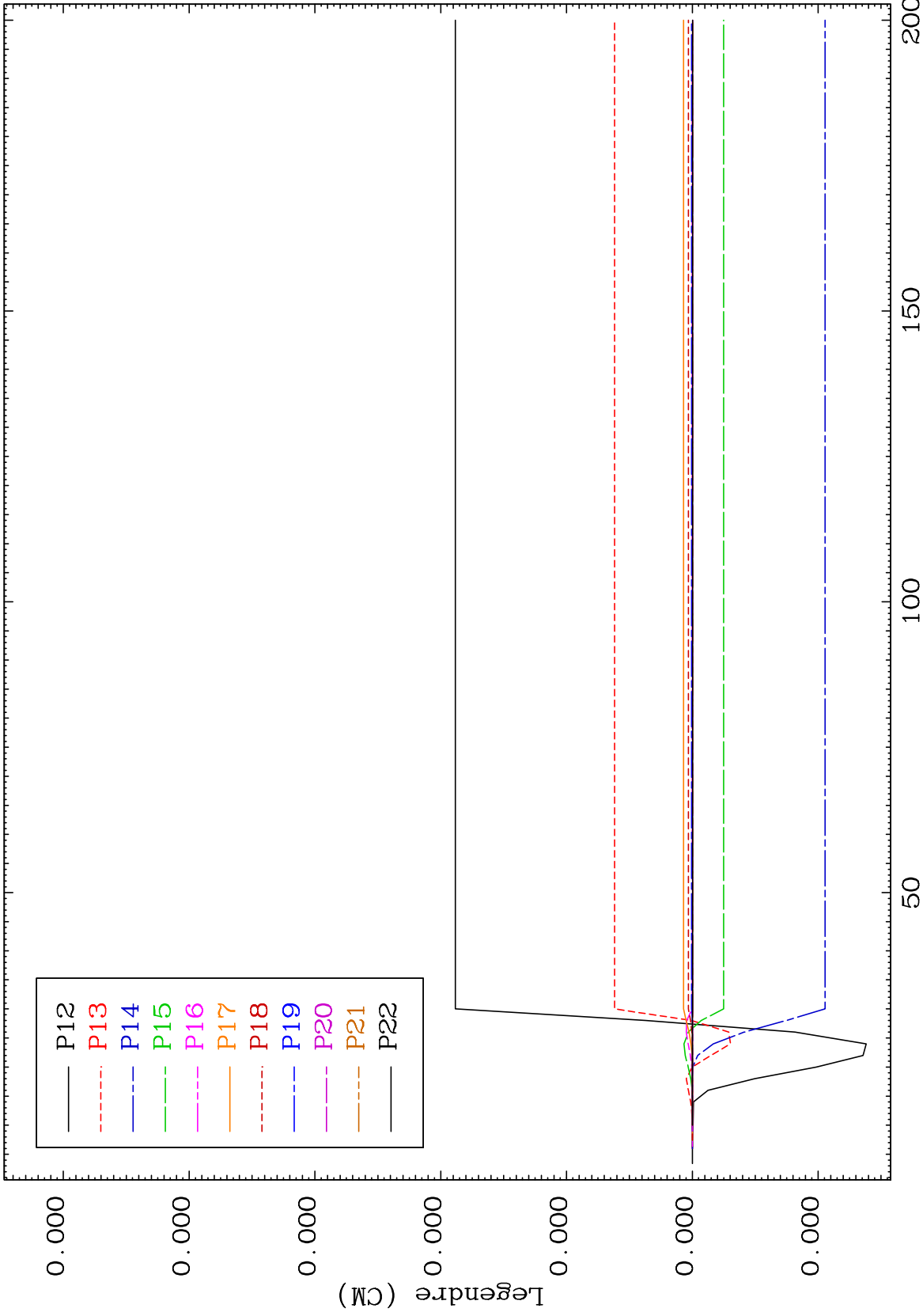
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



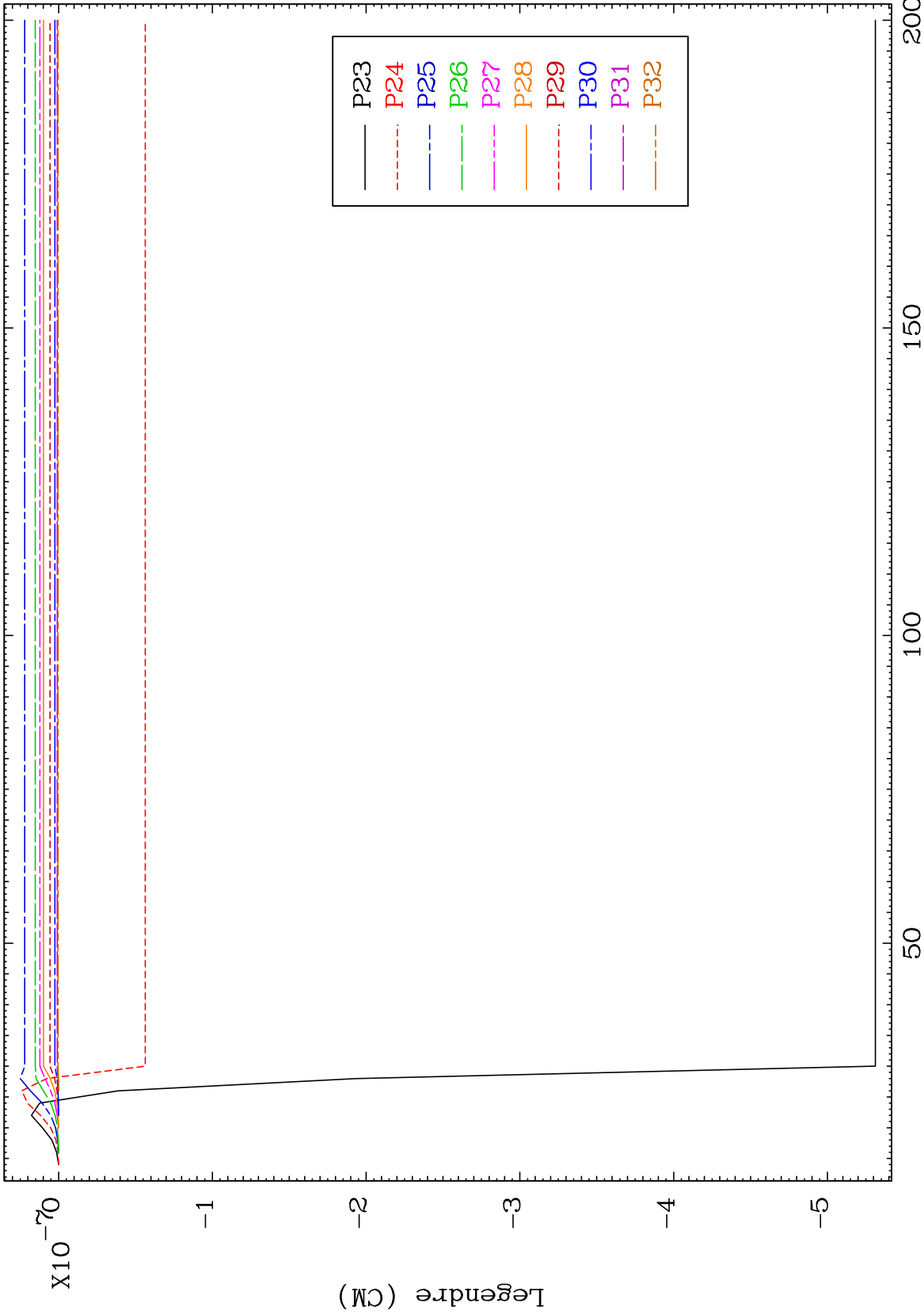
64

47-Ag-102

MAT 4710

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

47-Ag-102



65

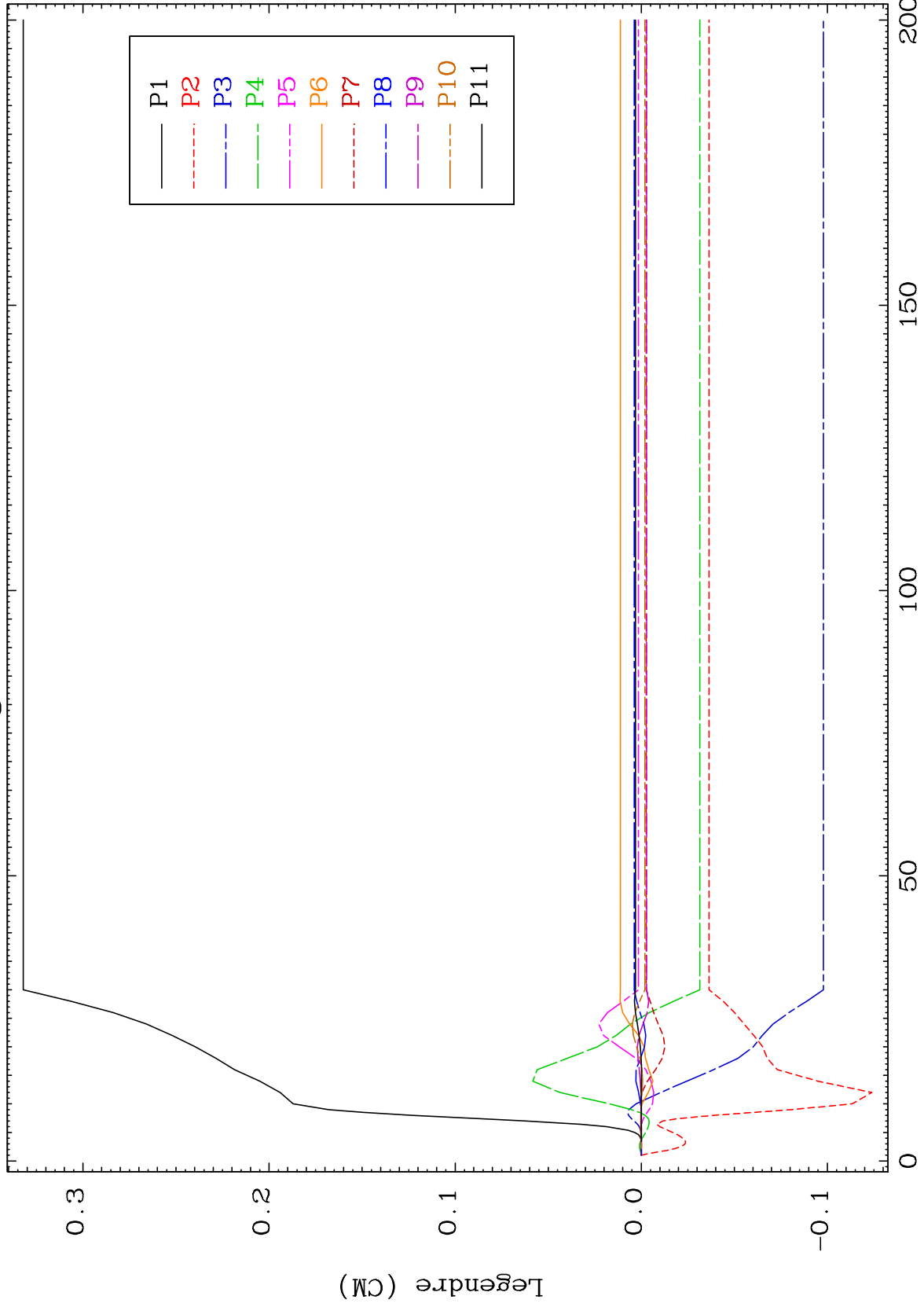
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



66

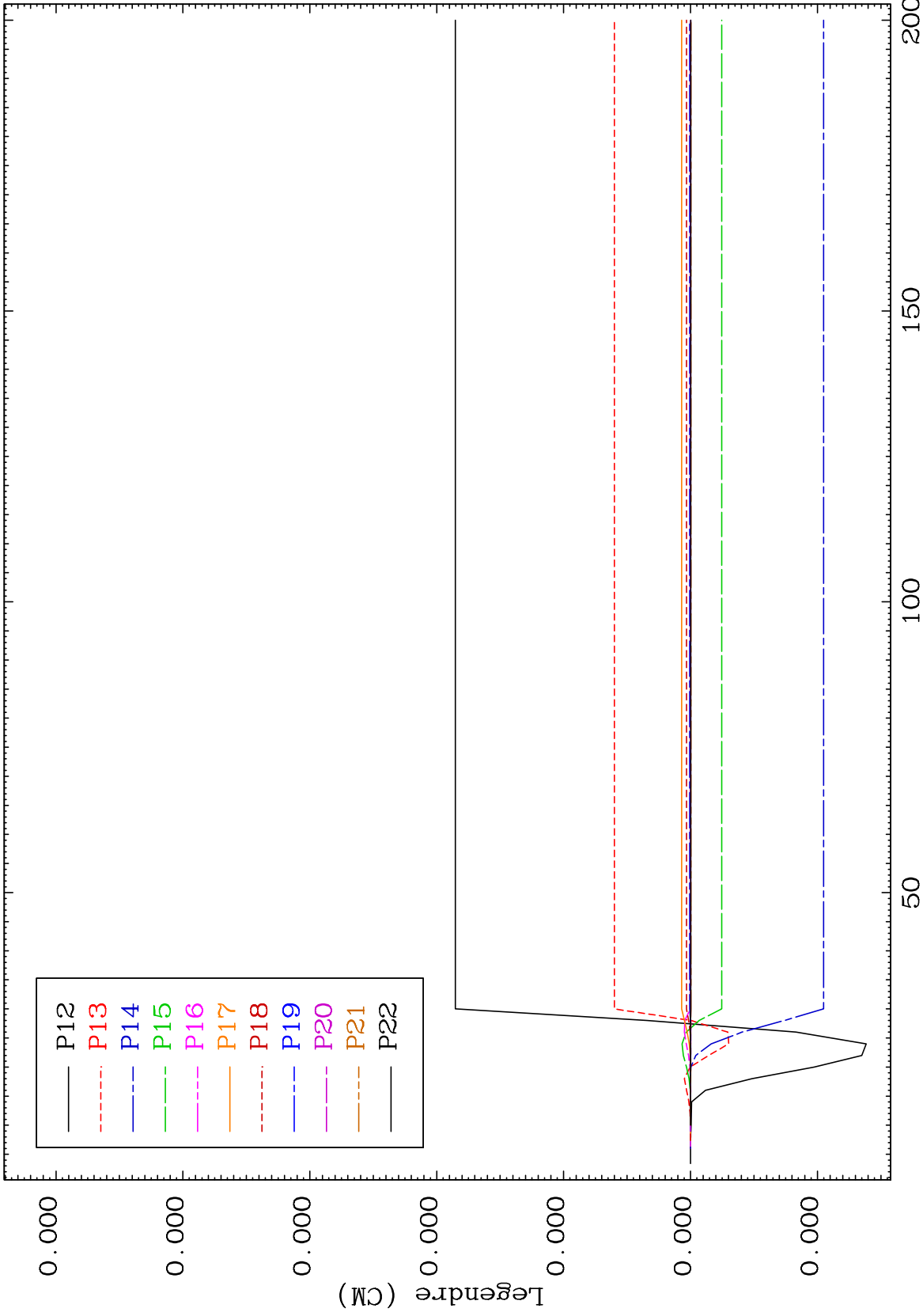
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



67

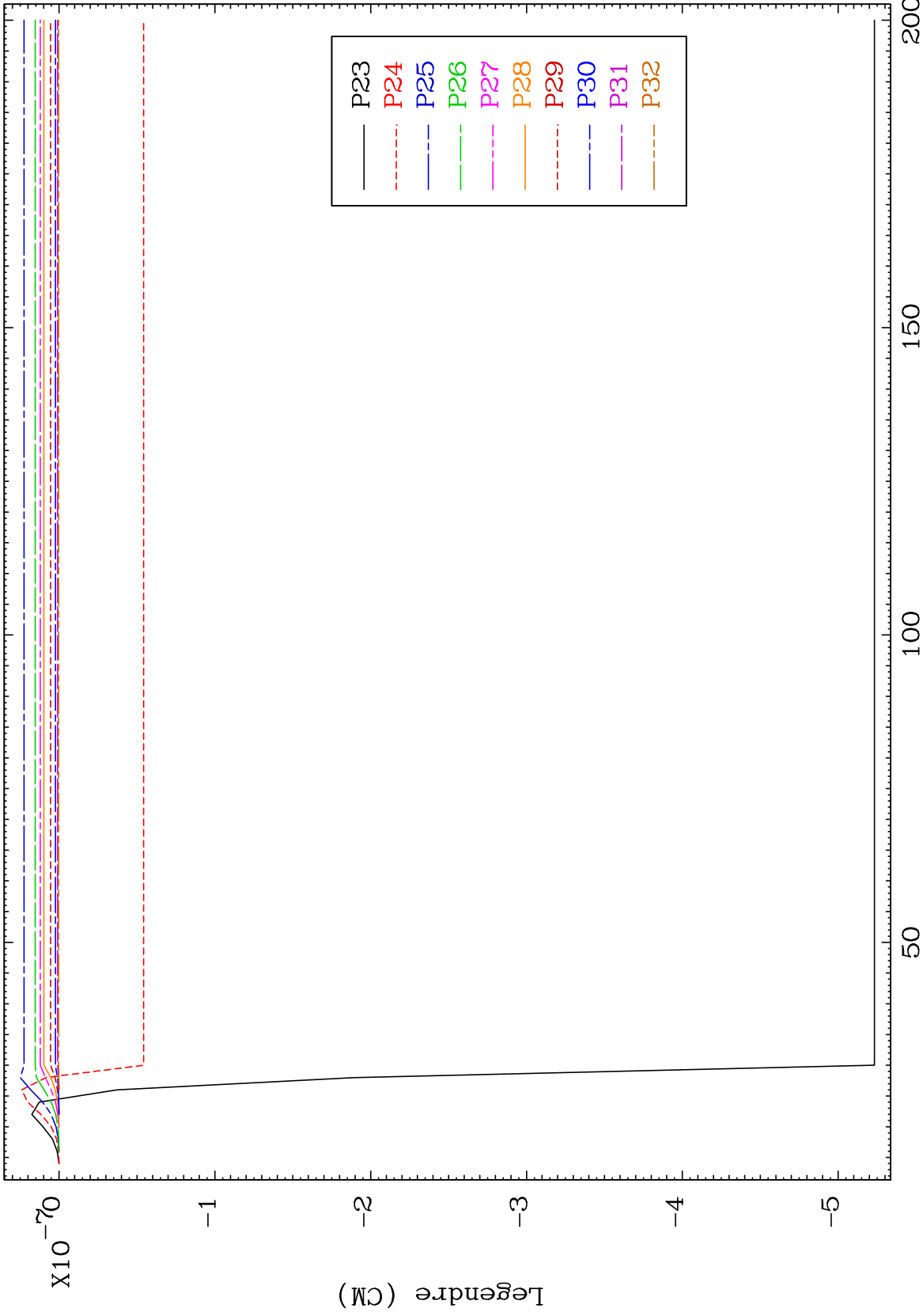
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



68

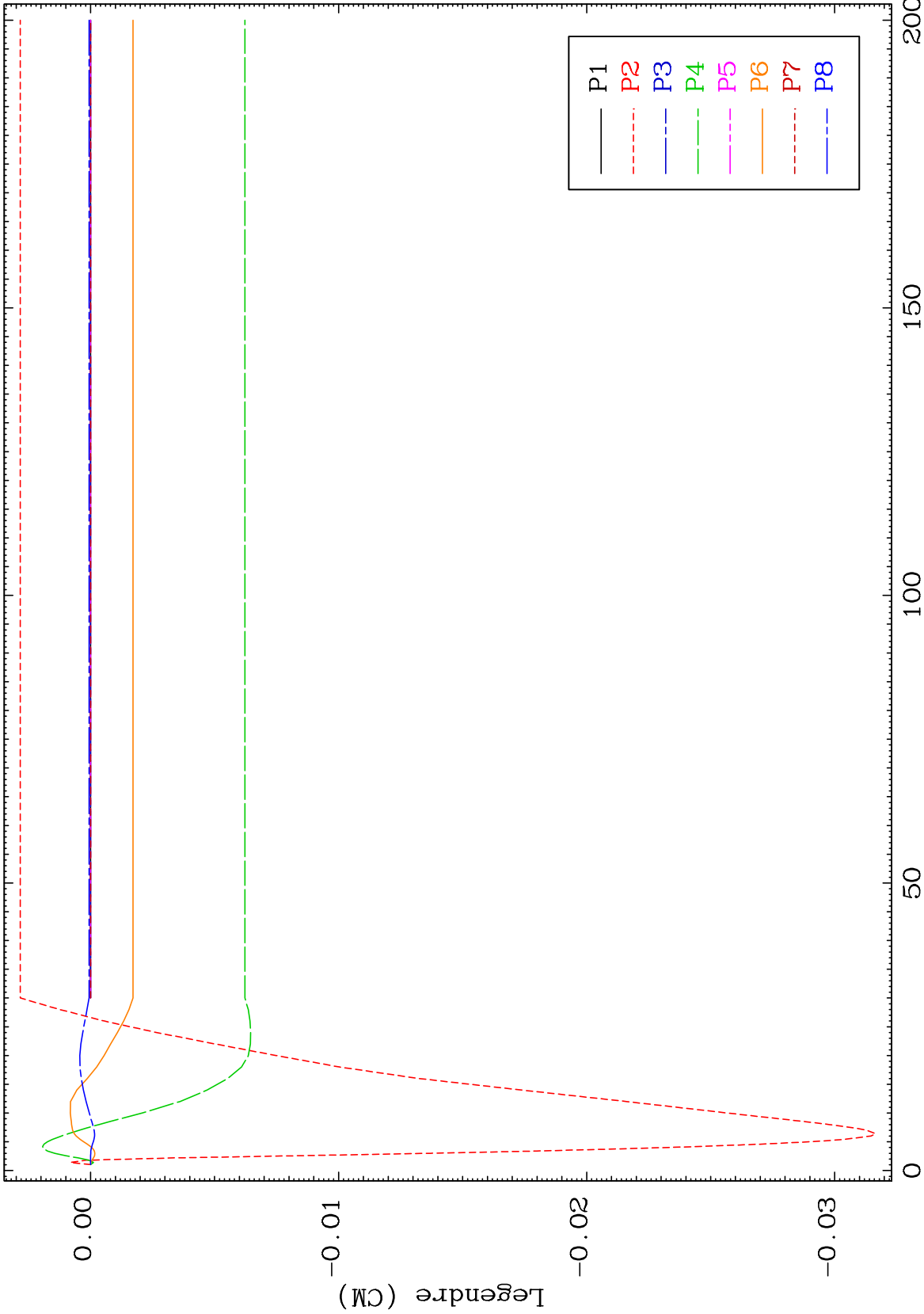
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



69

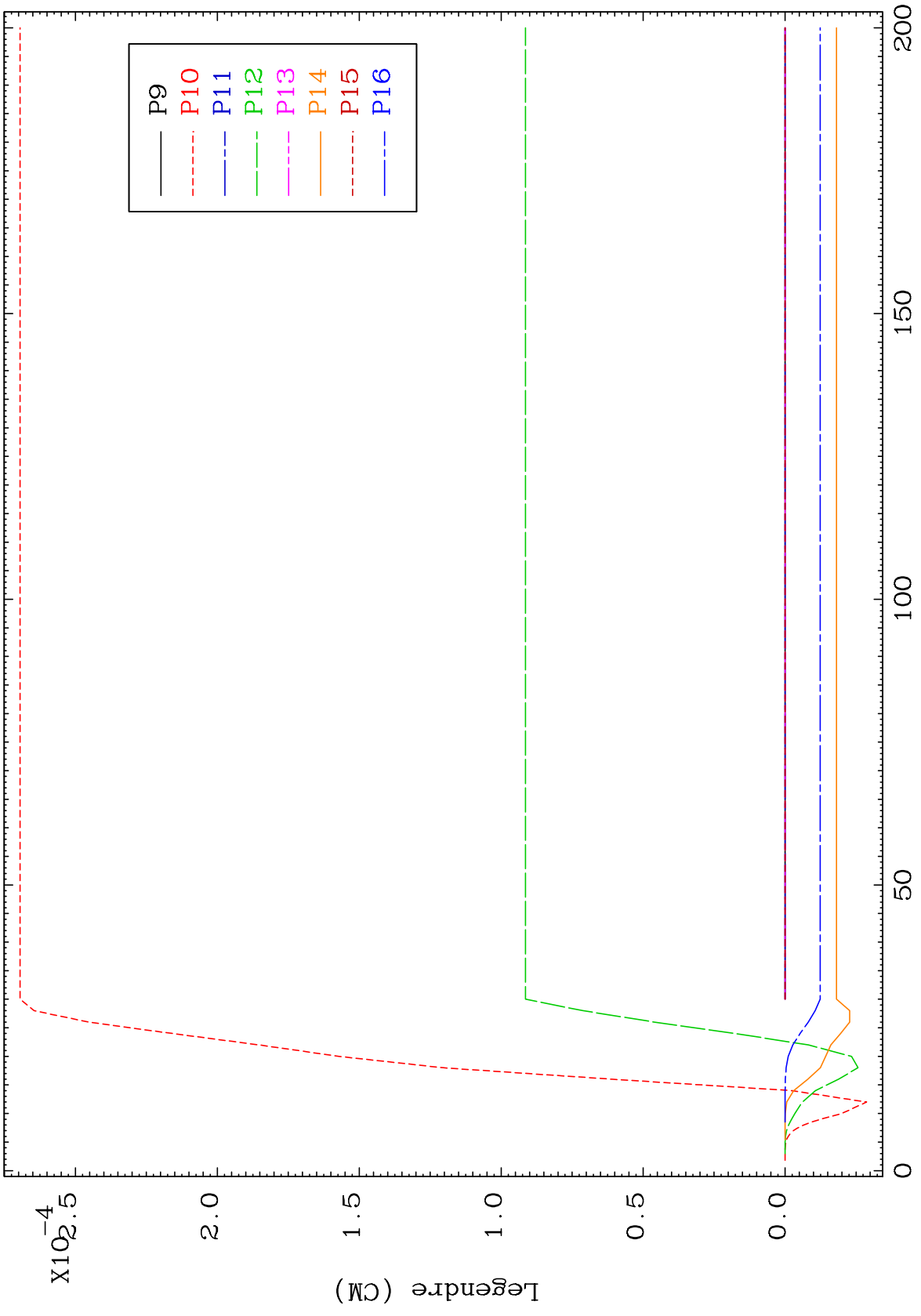
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



70

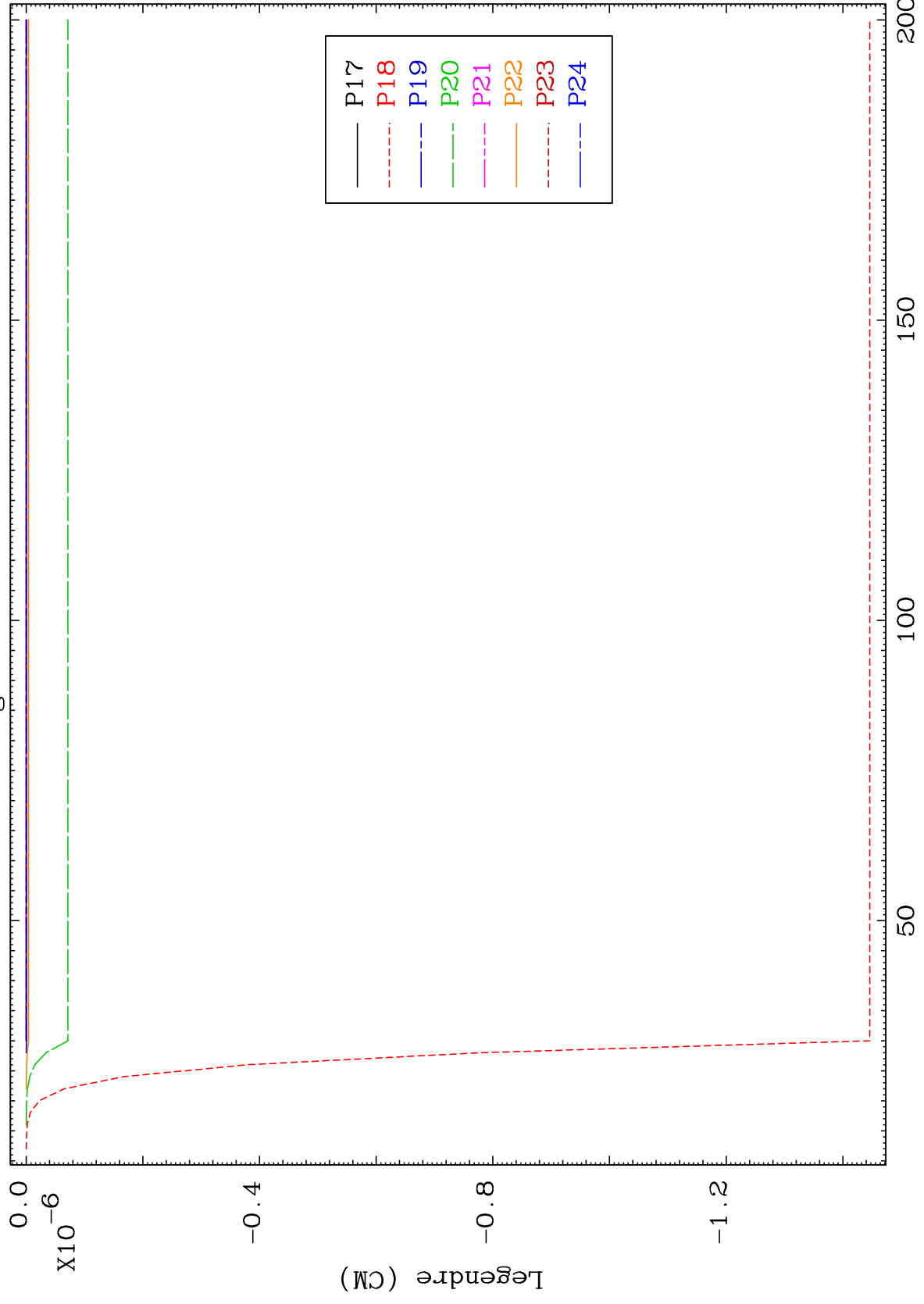
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

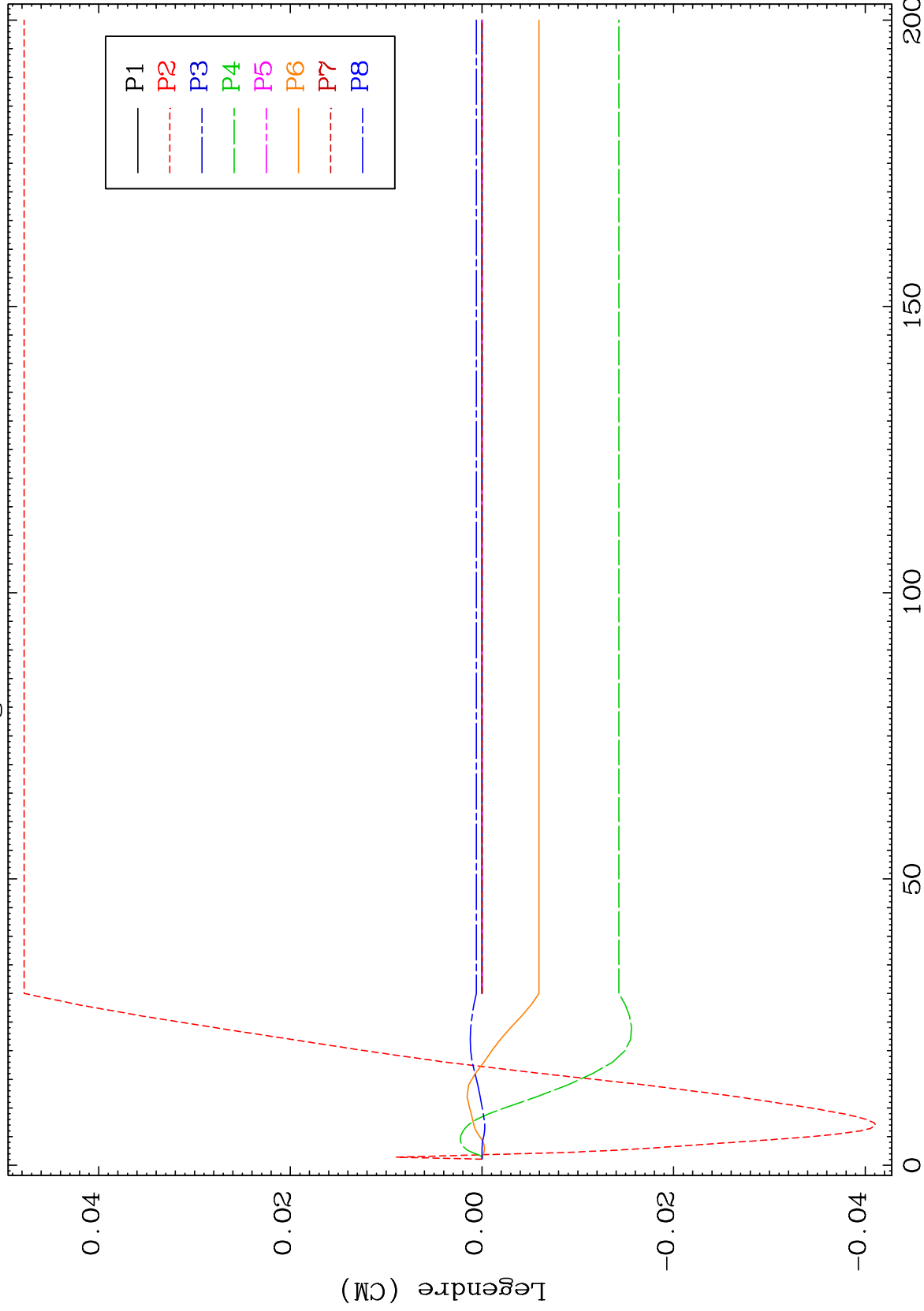
Incident Energy (MeV)

71

MAT 4710

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

47-Ag-102



72

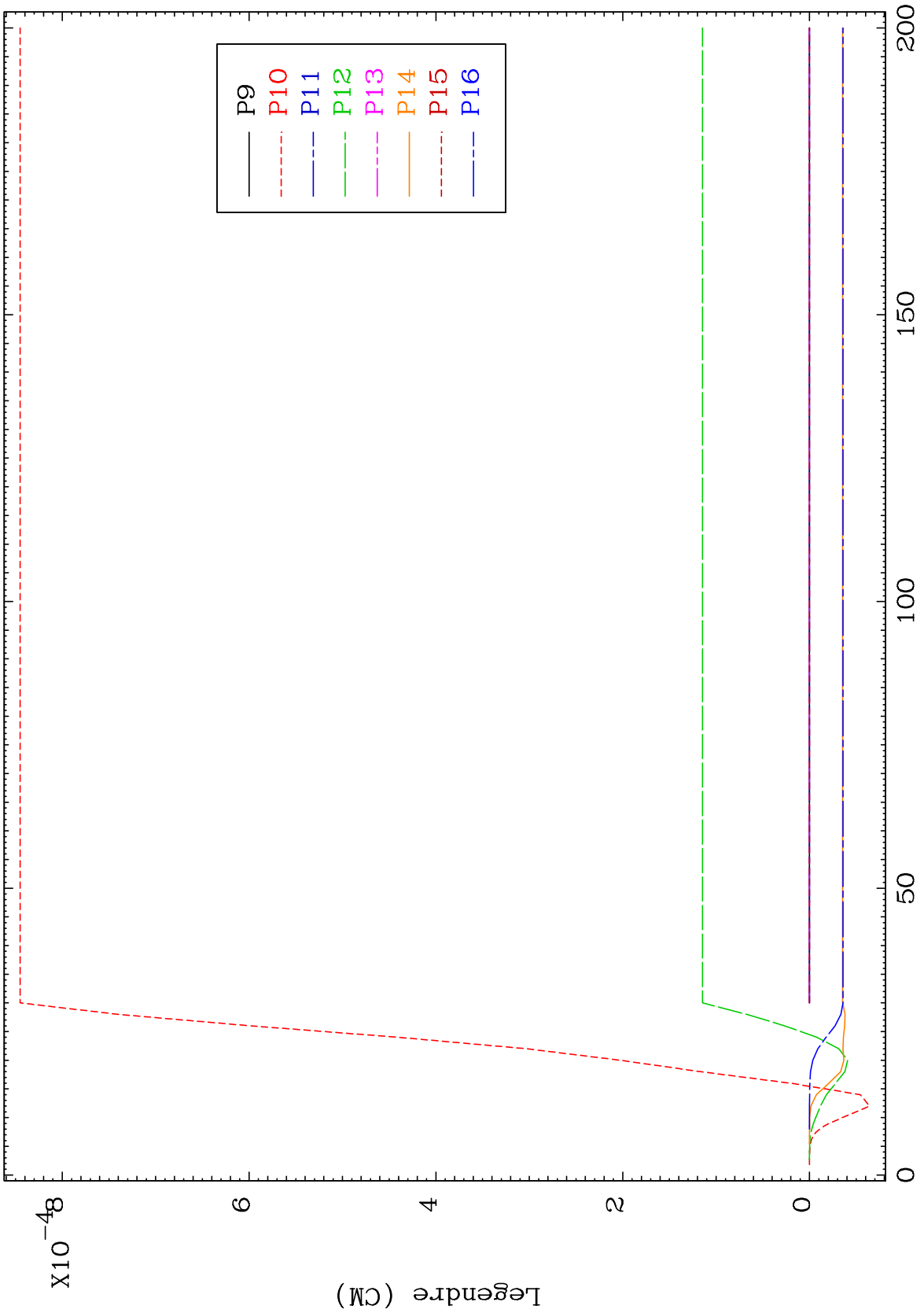
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



73

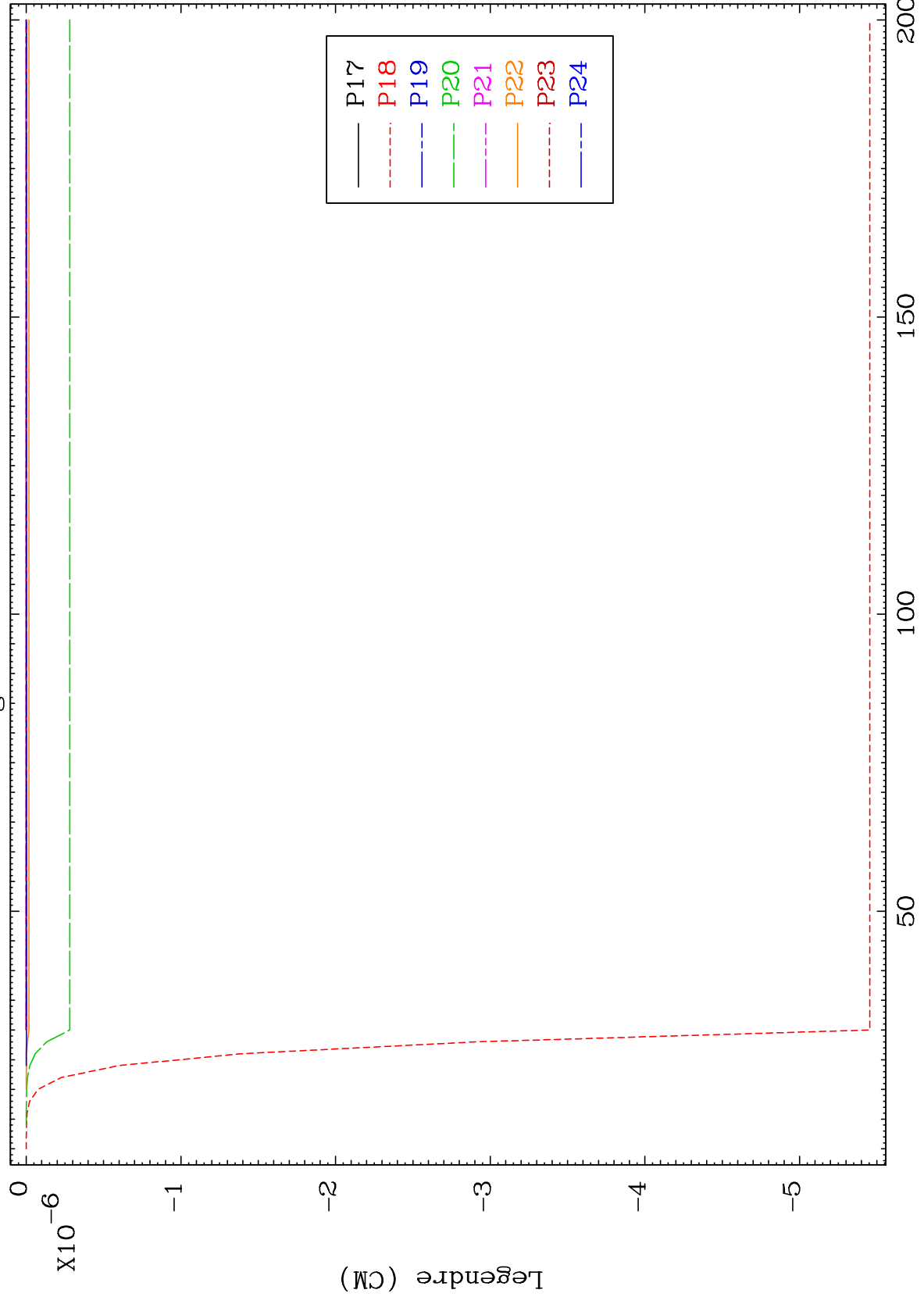
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

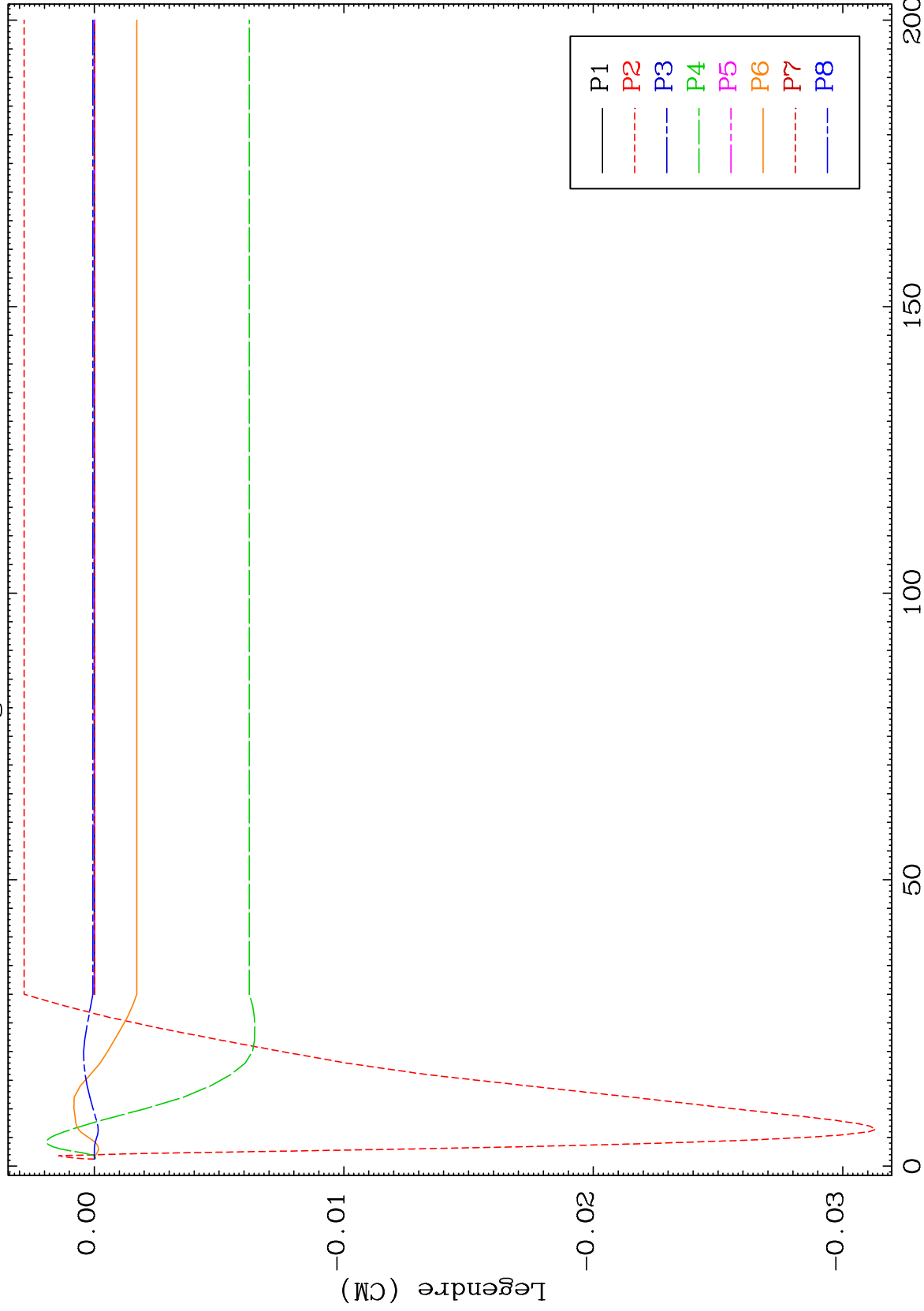
Incident Energy (MeV)

74

MAT 4710

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

47-Ag-102



75

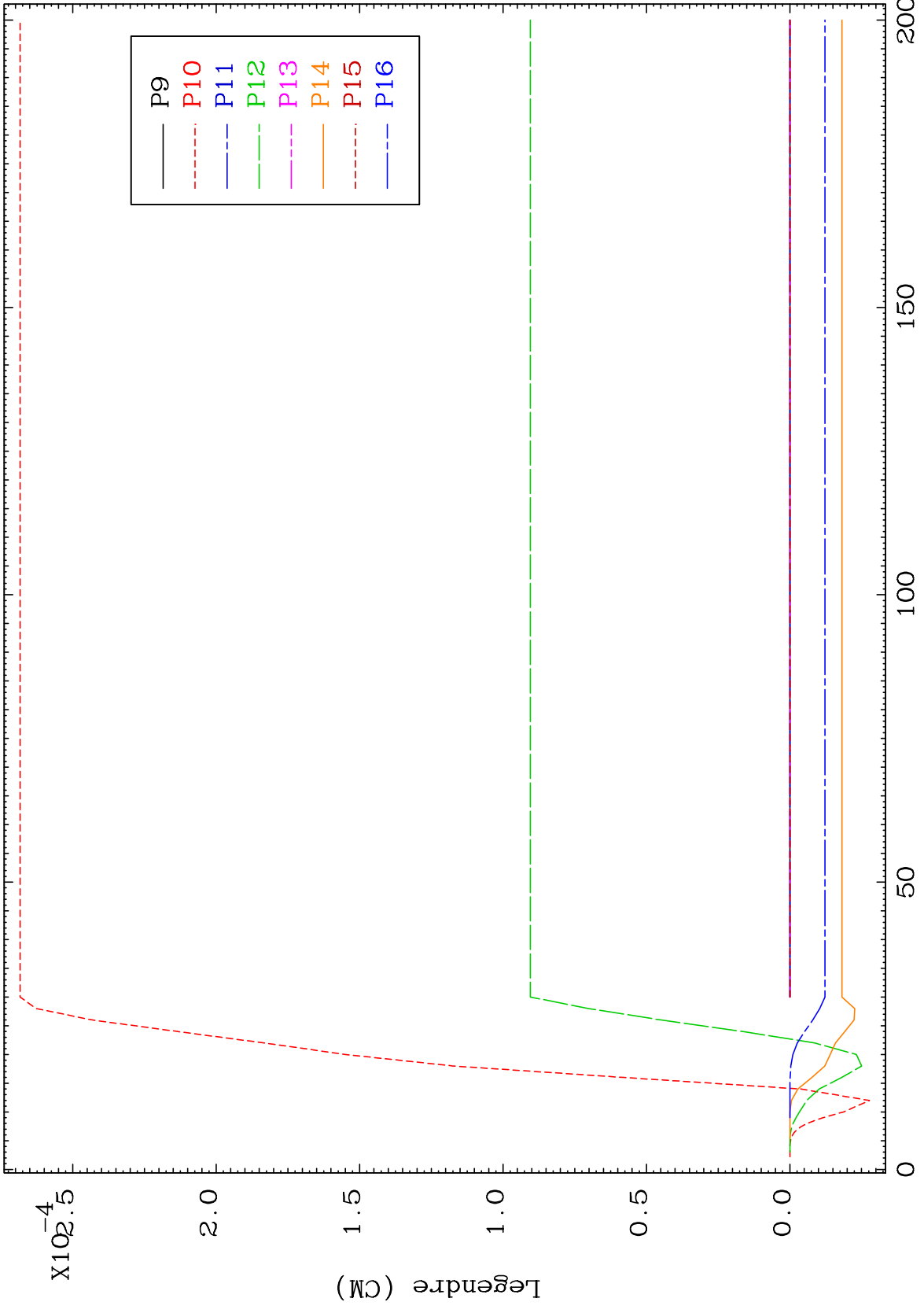
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



76

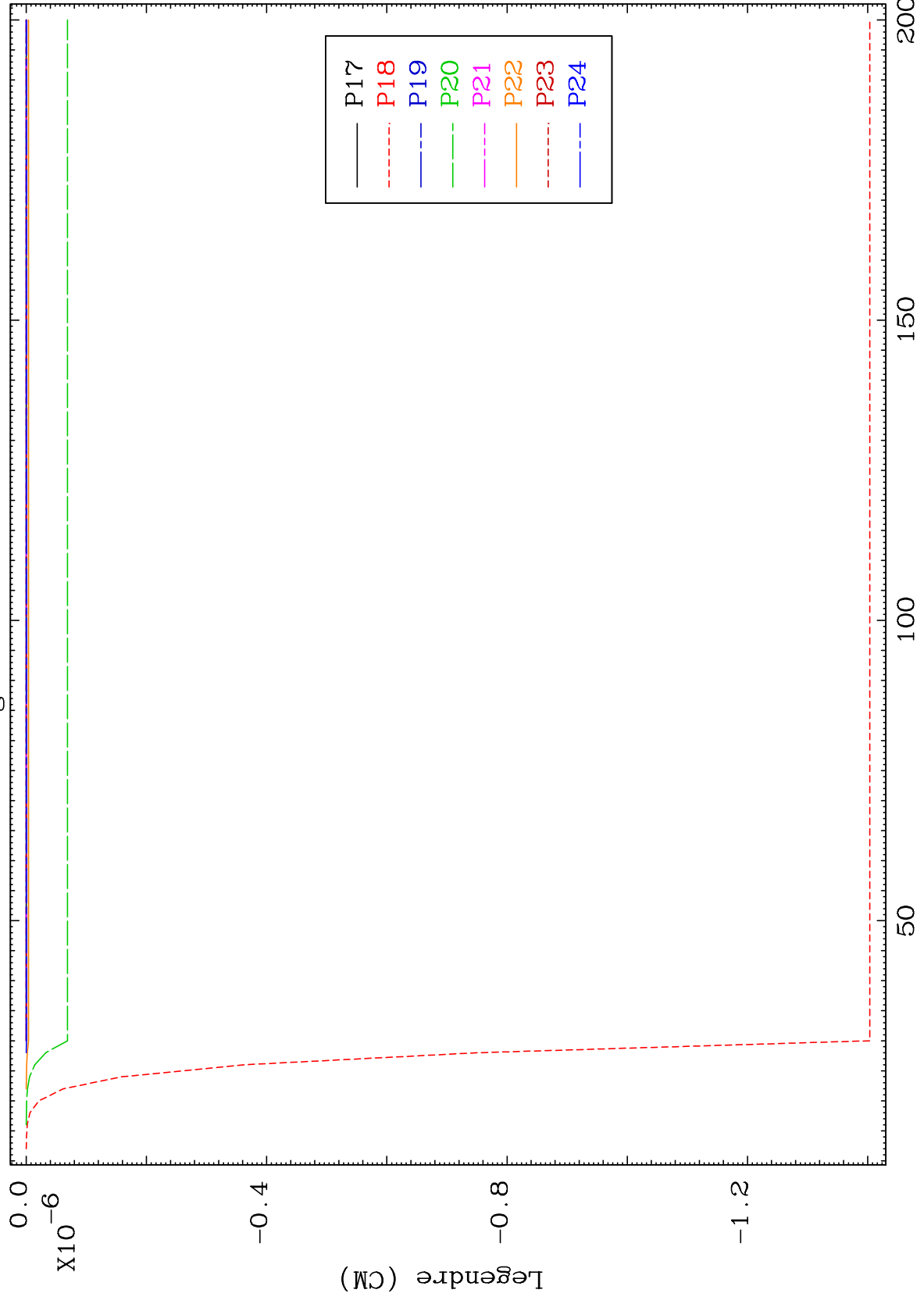
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102

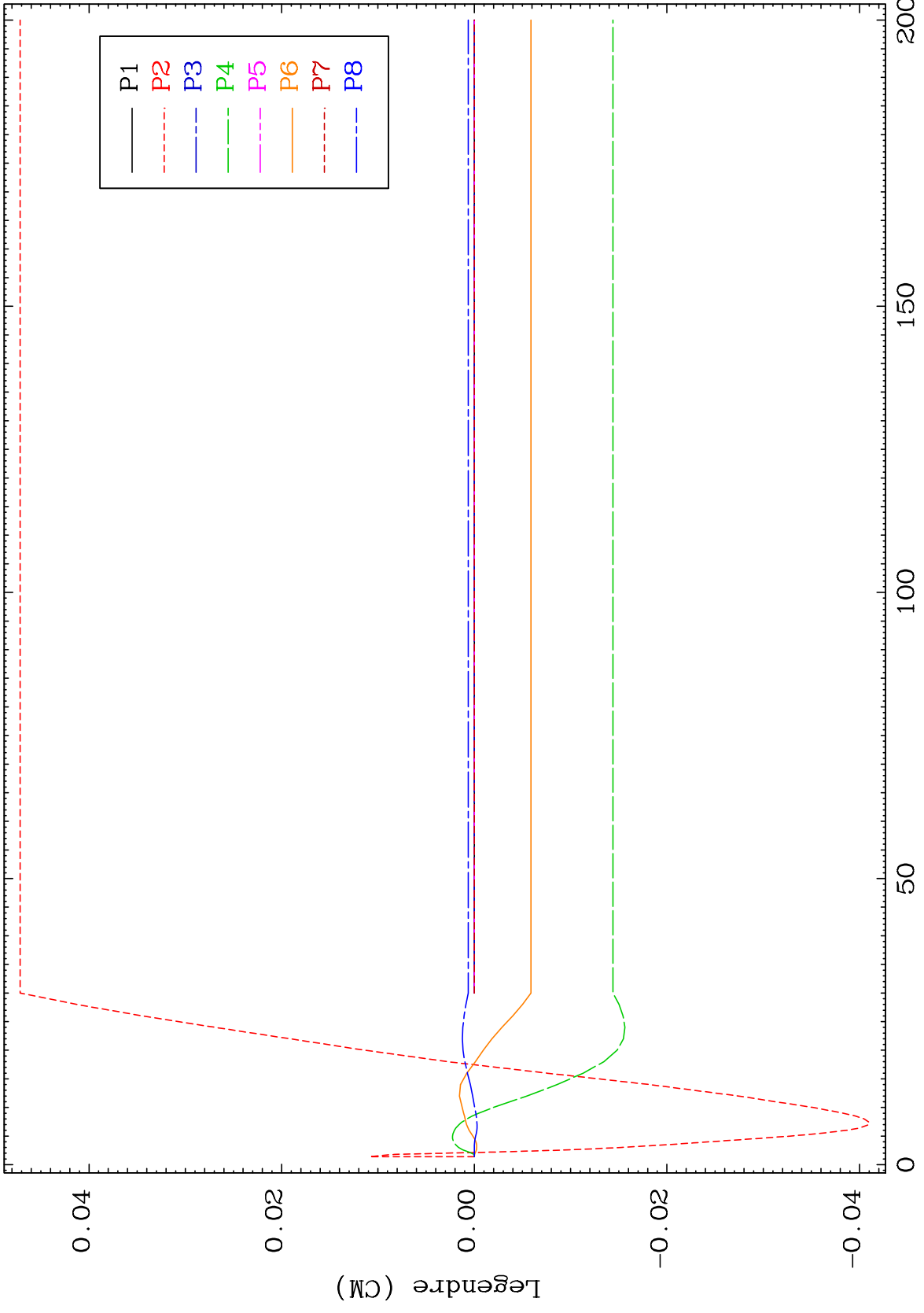


47-Ag-102

Incident Energy (MeV)

77

MAT 4710 MT= 68 (n,n') Level Legendre Coefficients 47-Ag-102

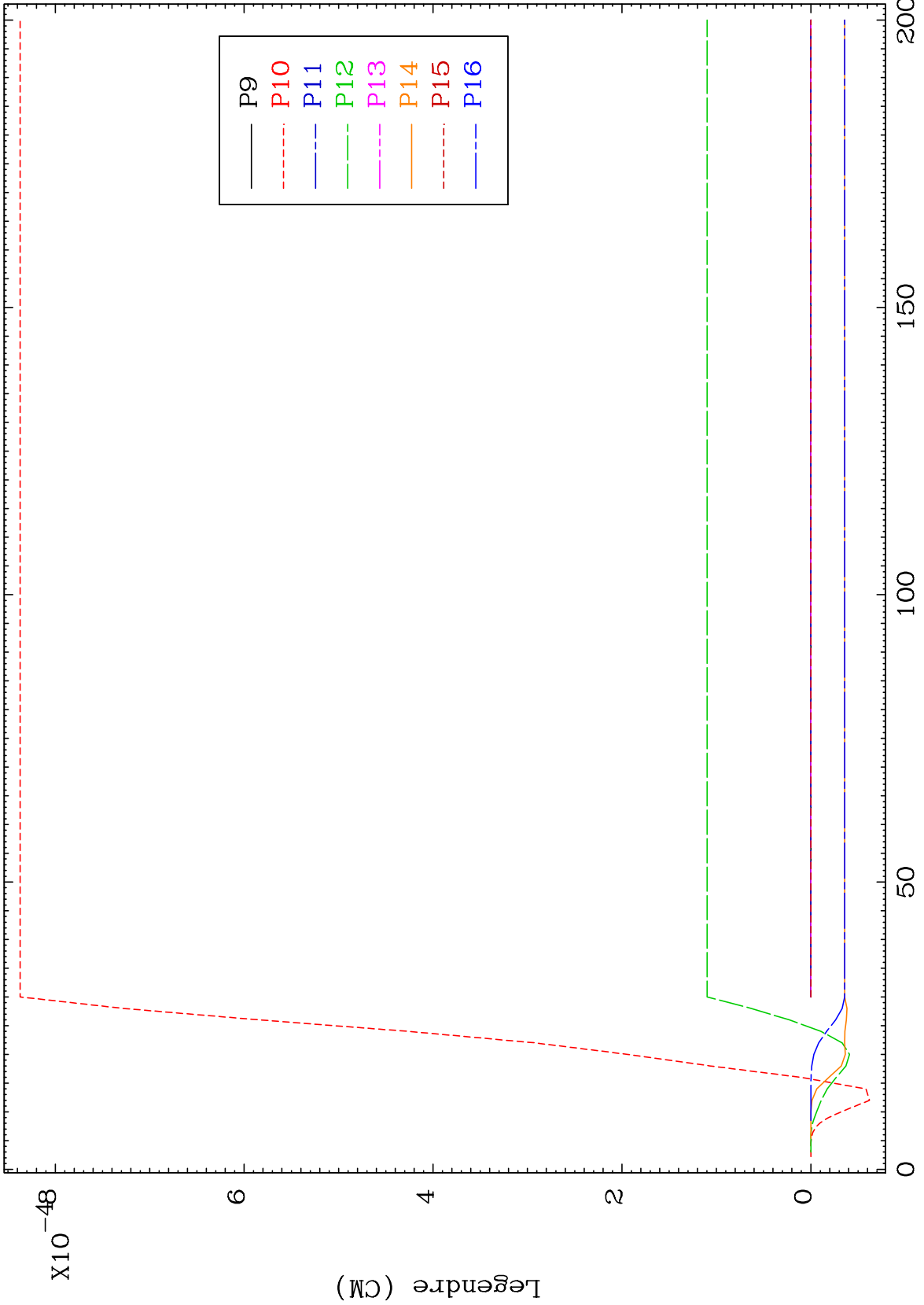


78 47-Ag-102

MAT 4710

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

47-Ag-102



79

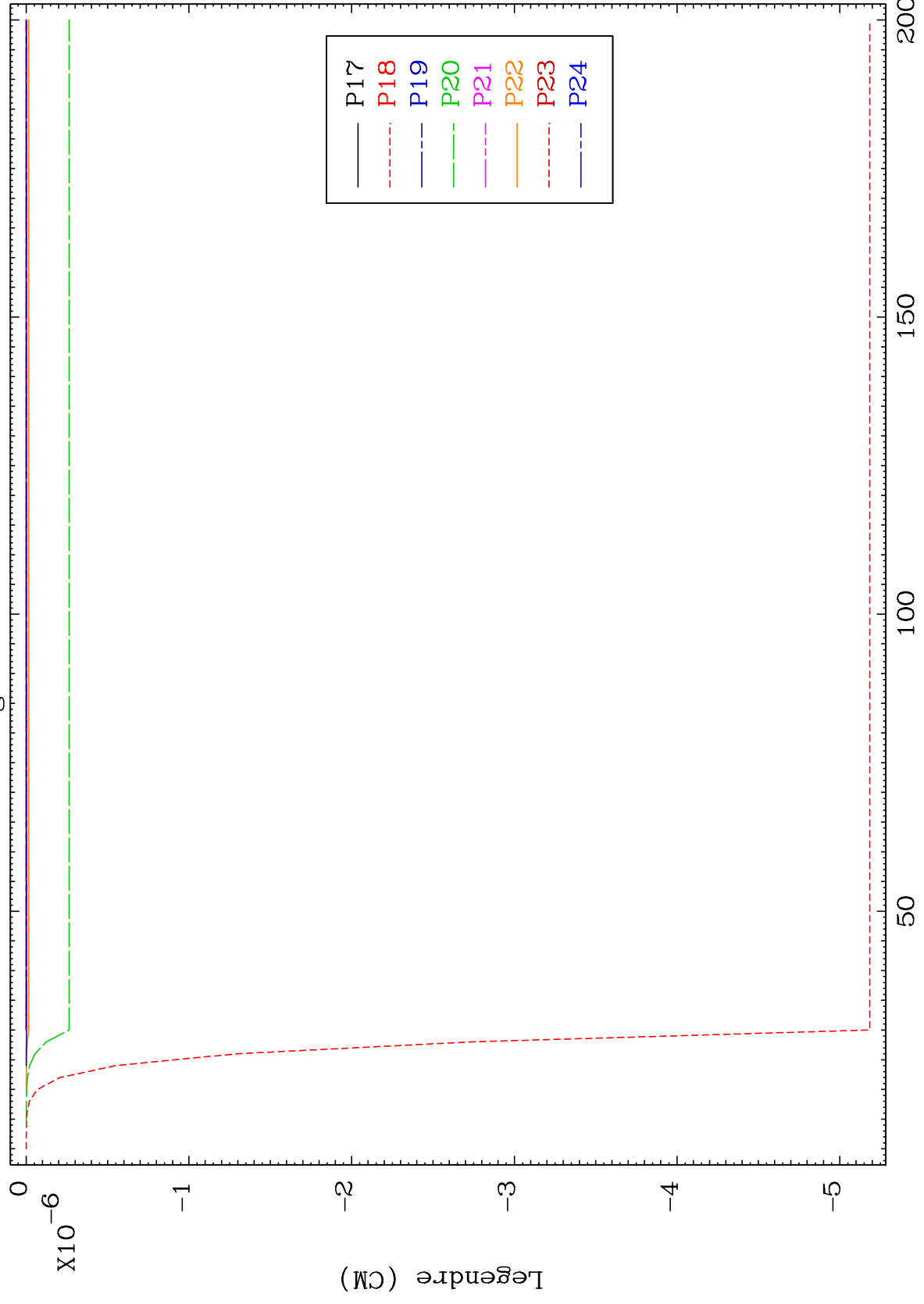
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102

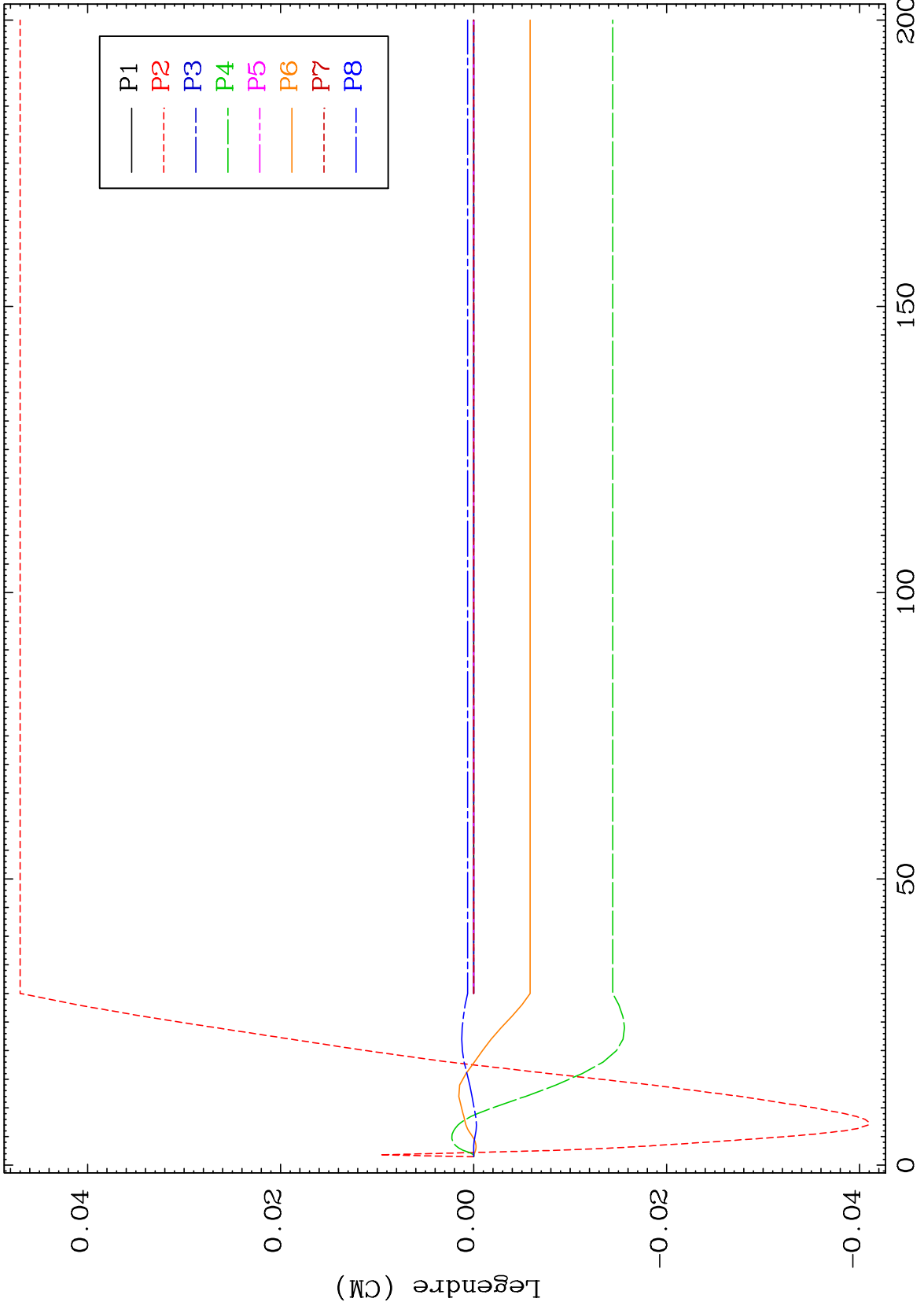


47-Ag-102

Incident Energy (MeV)

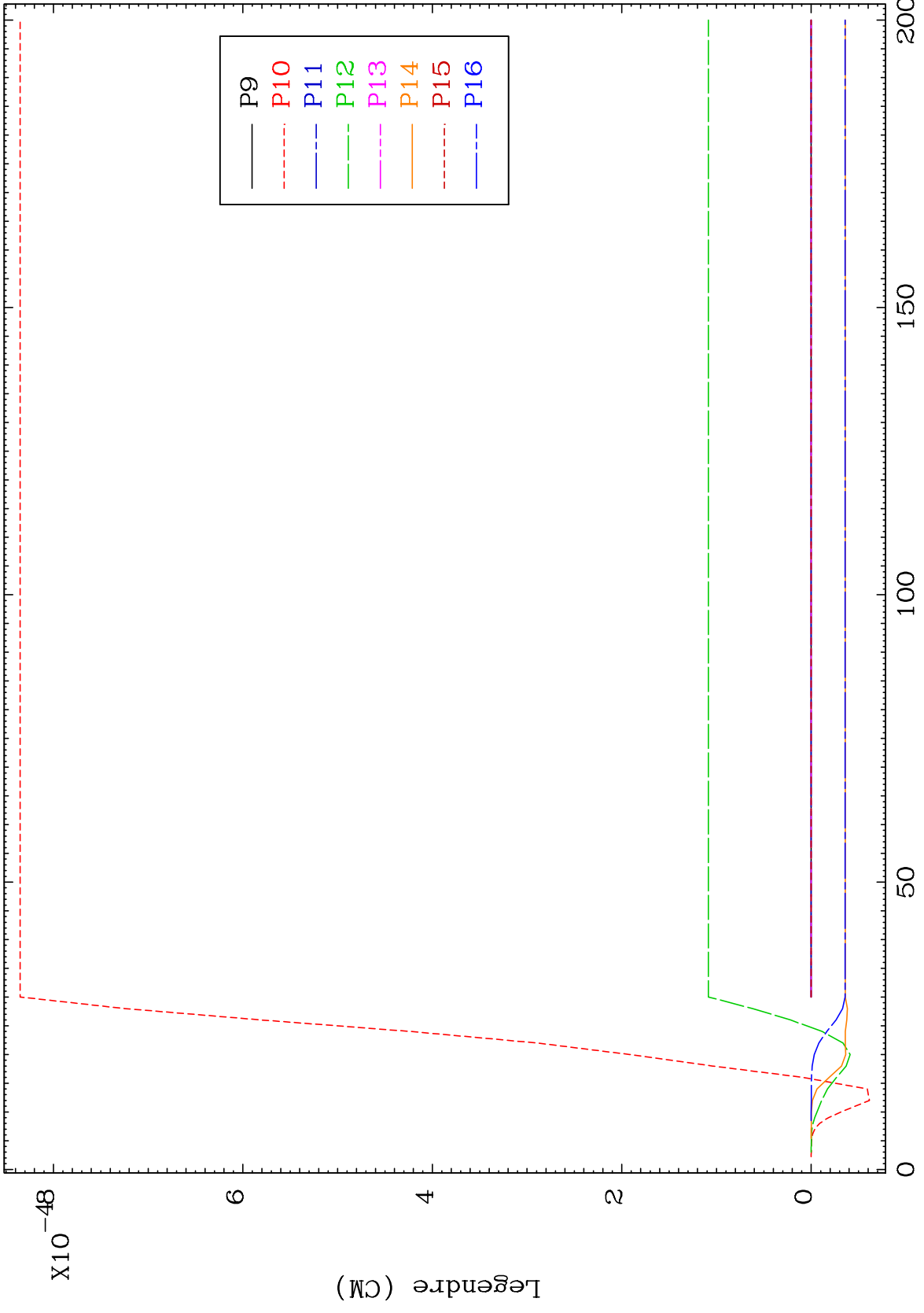
80

MAT 4710 MT= 69 (n,n') Level Legendre Coefficients 47-Ag-102



81 47-Ag-102

MAT 4710 MT= 69 (n,n') Level Legendre Coefficients 47-Ag-102

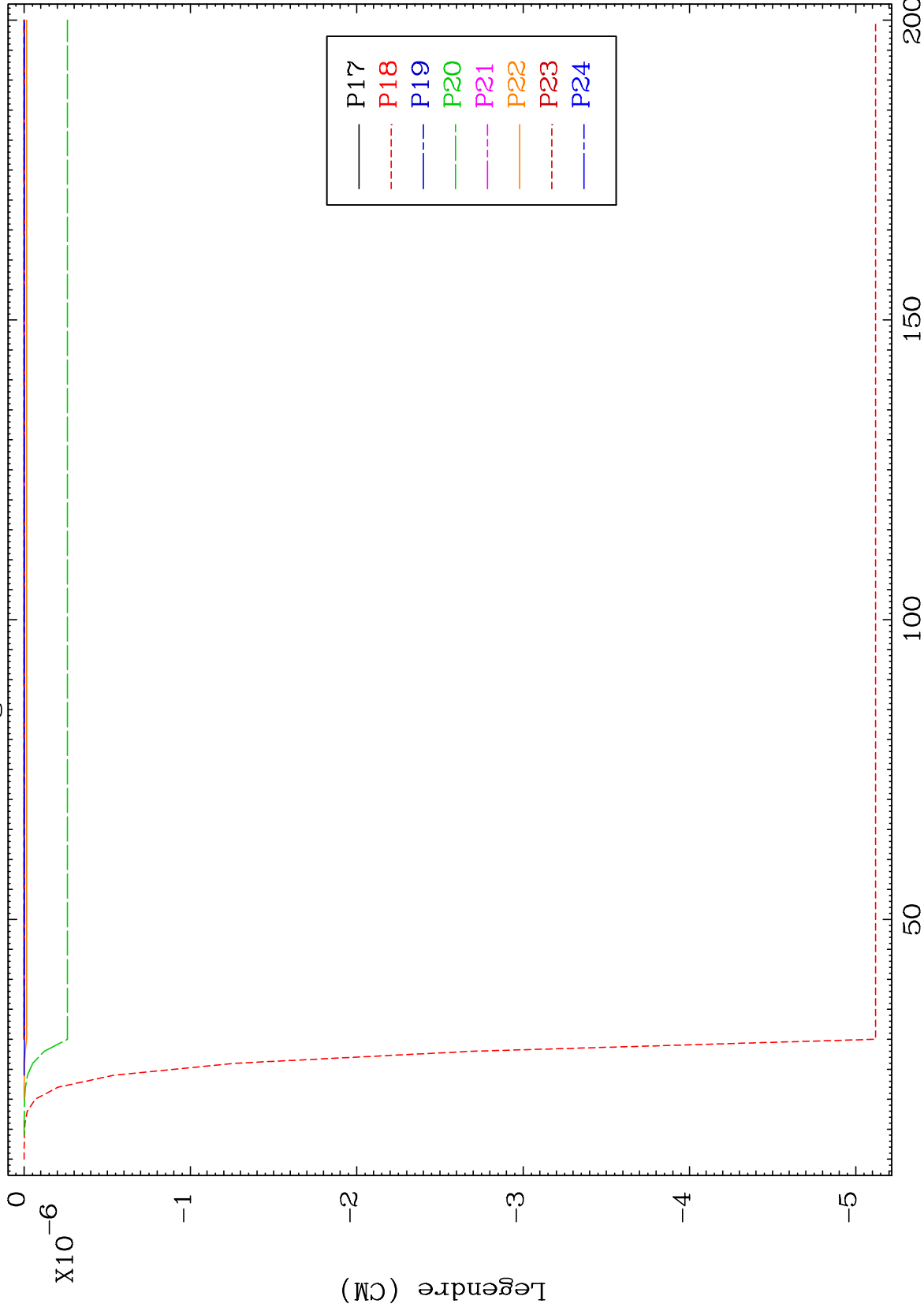


82 47-Ag-102

MAT 4710

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

47-Ag-102



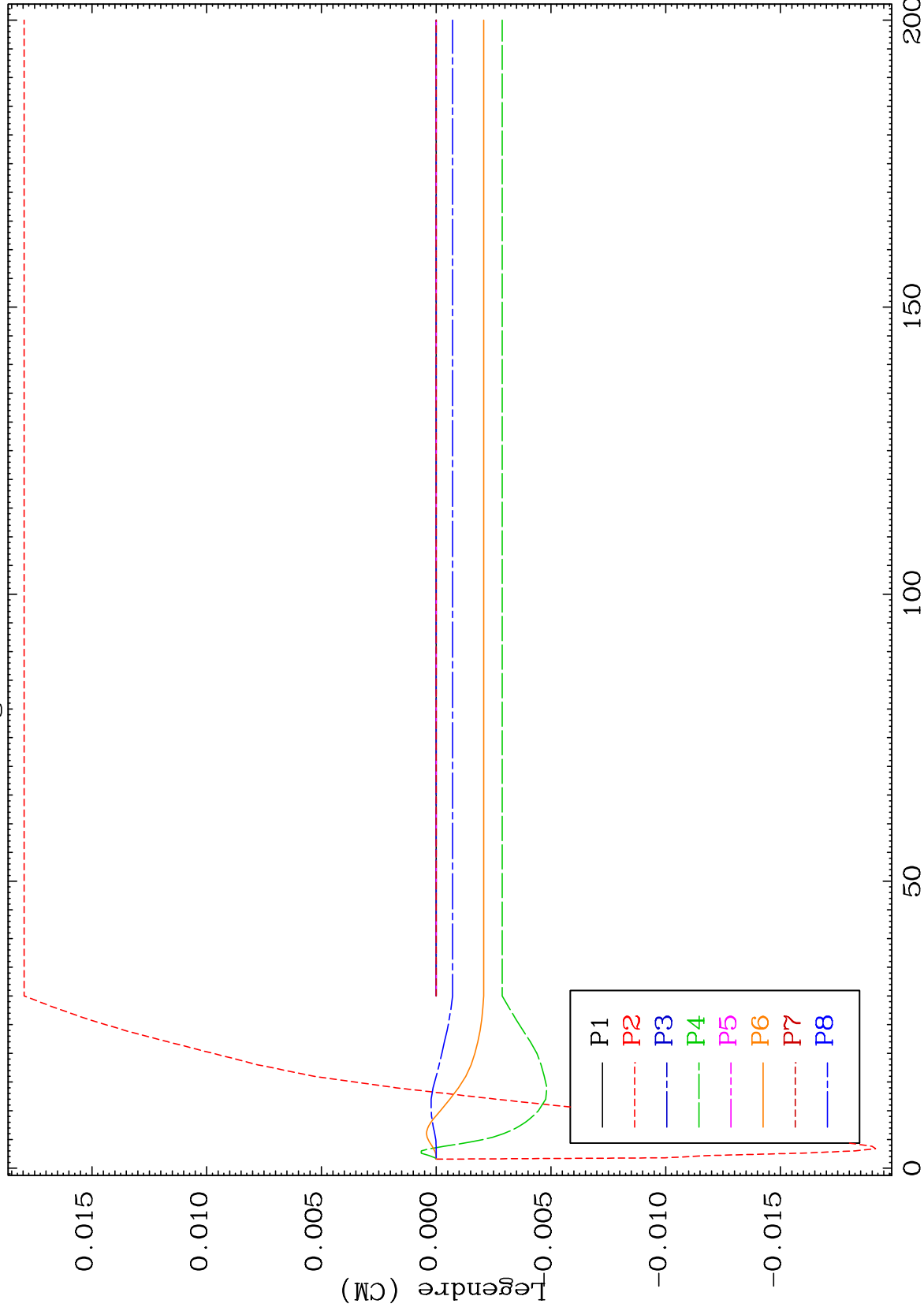
83

47-Ag-102

MAT 4710

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

47-Ag-102



84

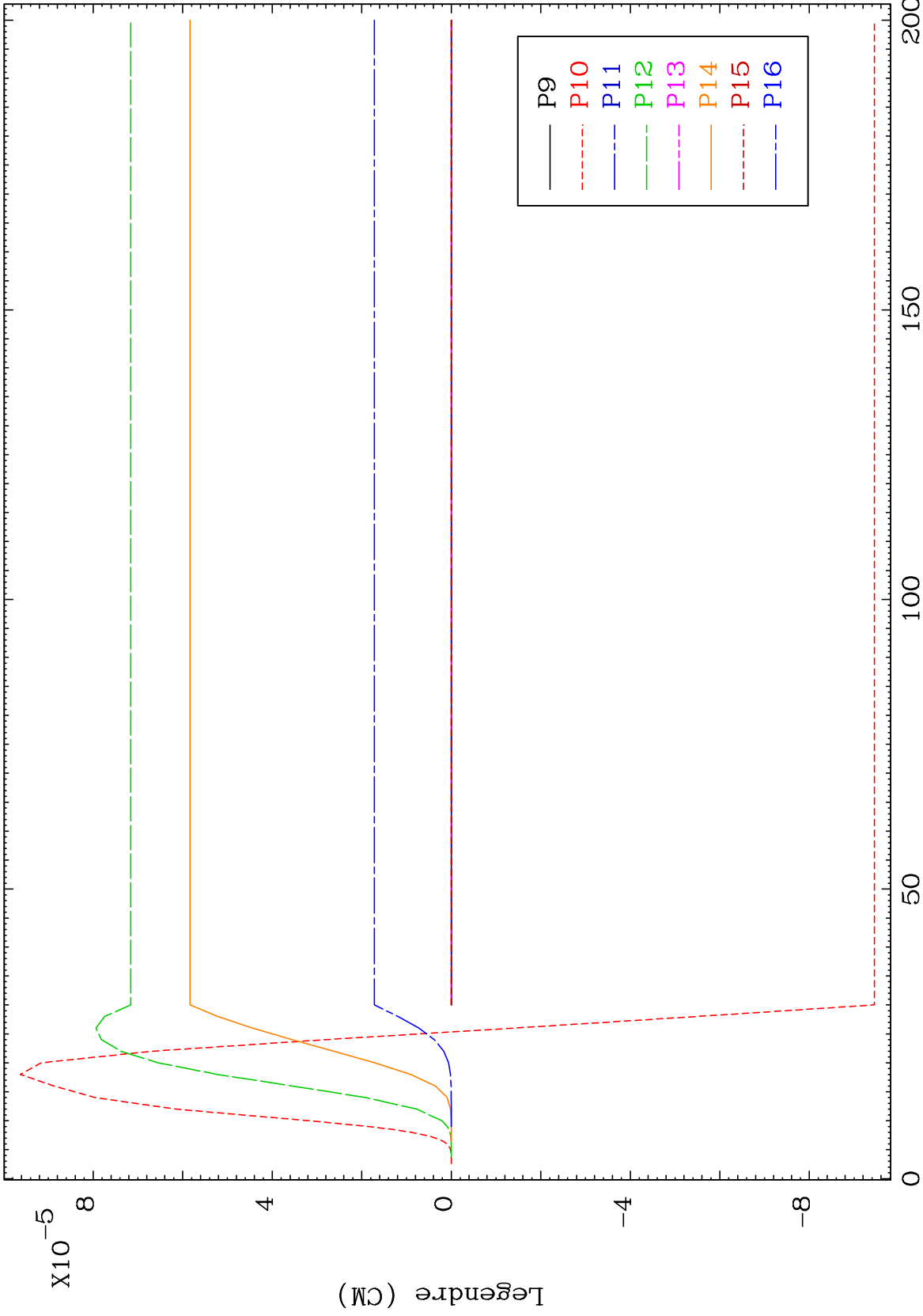
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



85

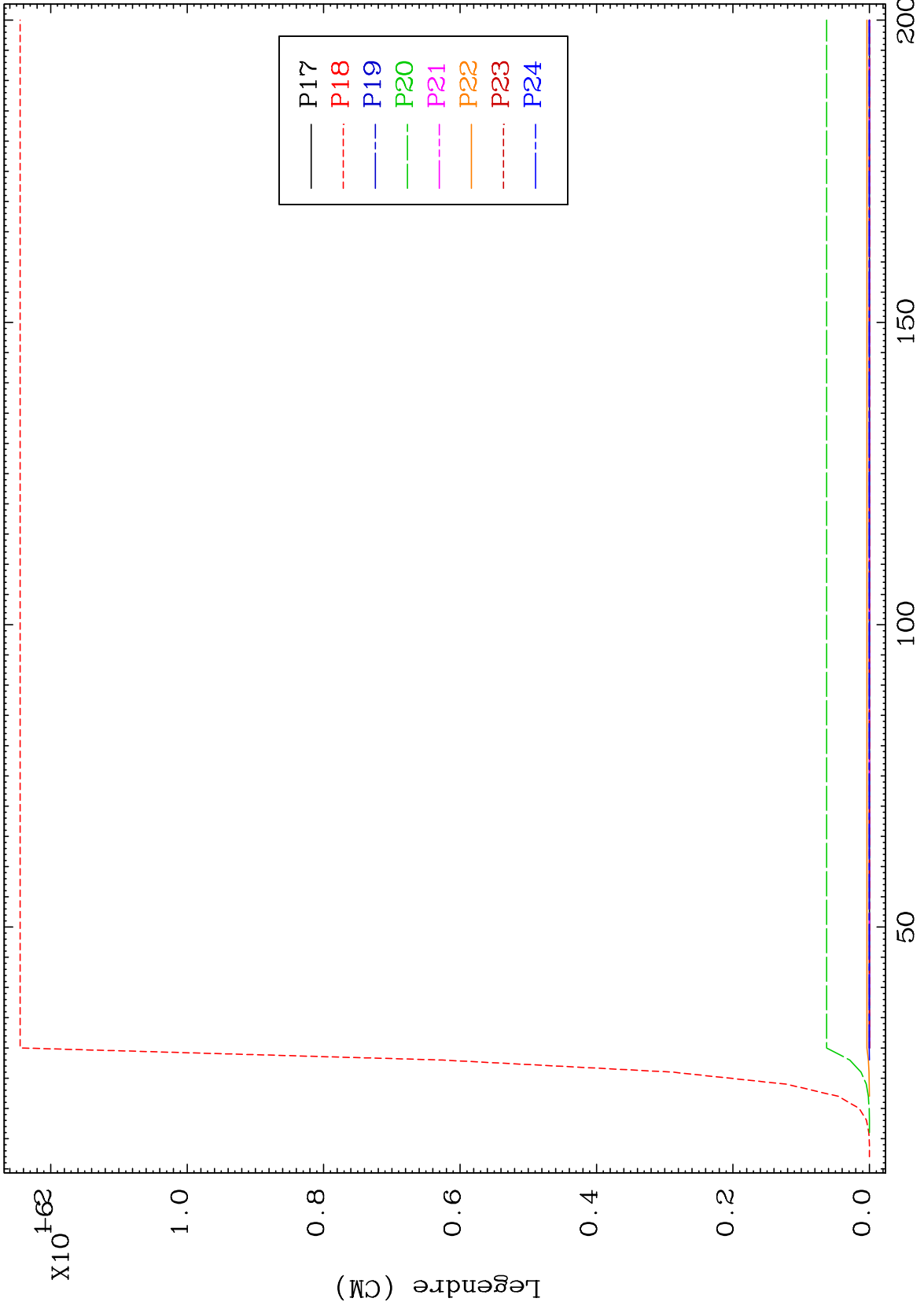
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

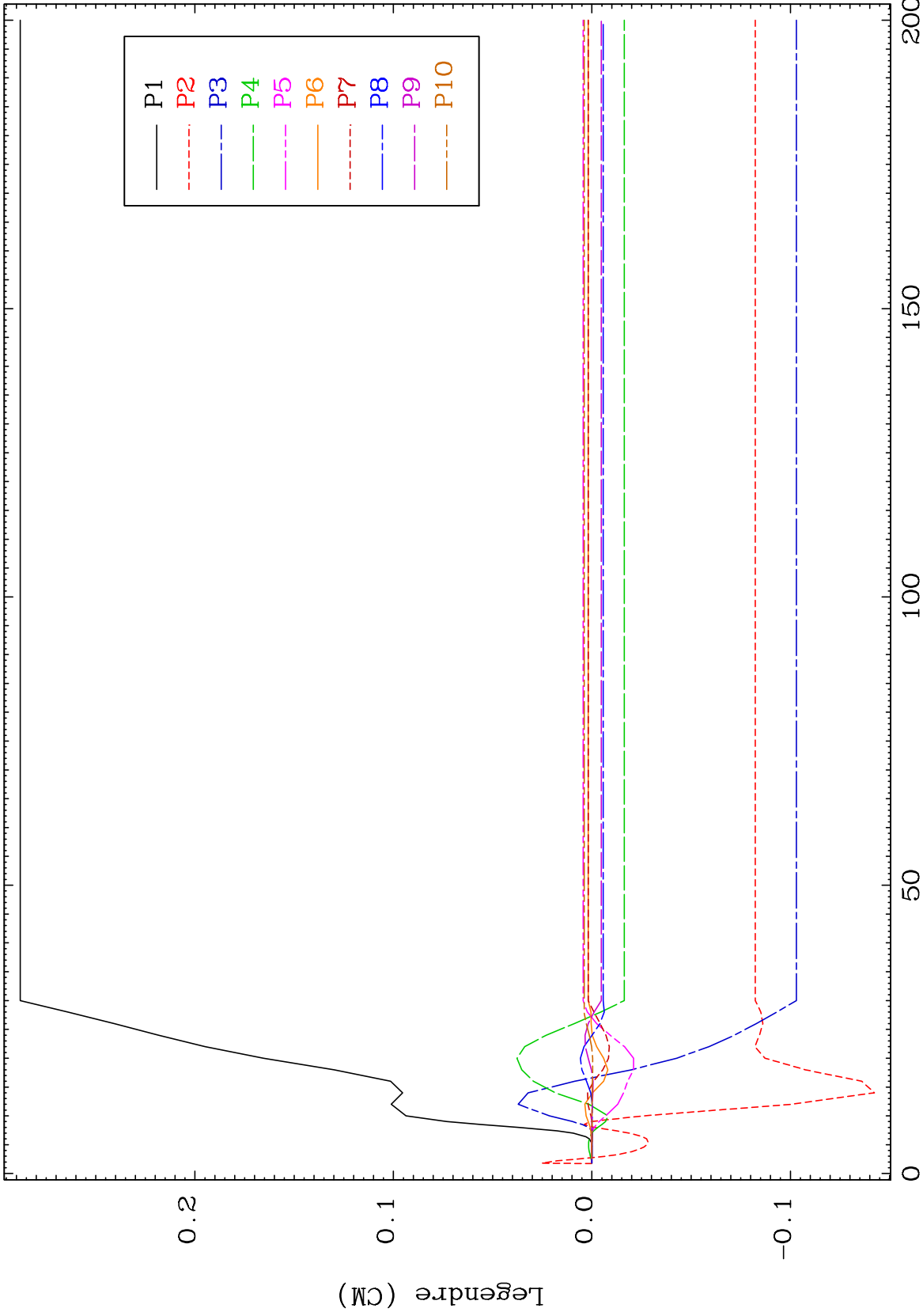
Incident Energy (MeV)

86

MAT 4710

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

47-Ag-102



87

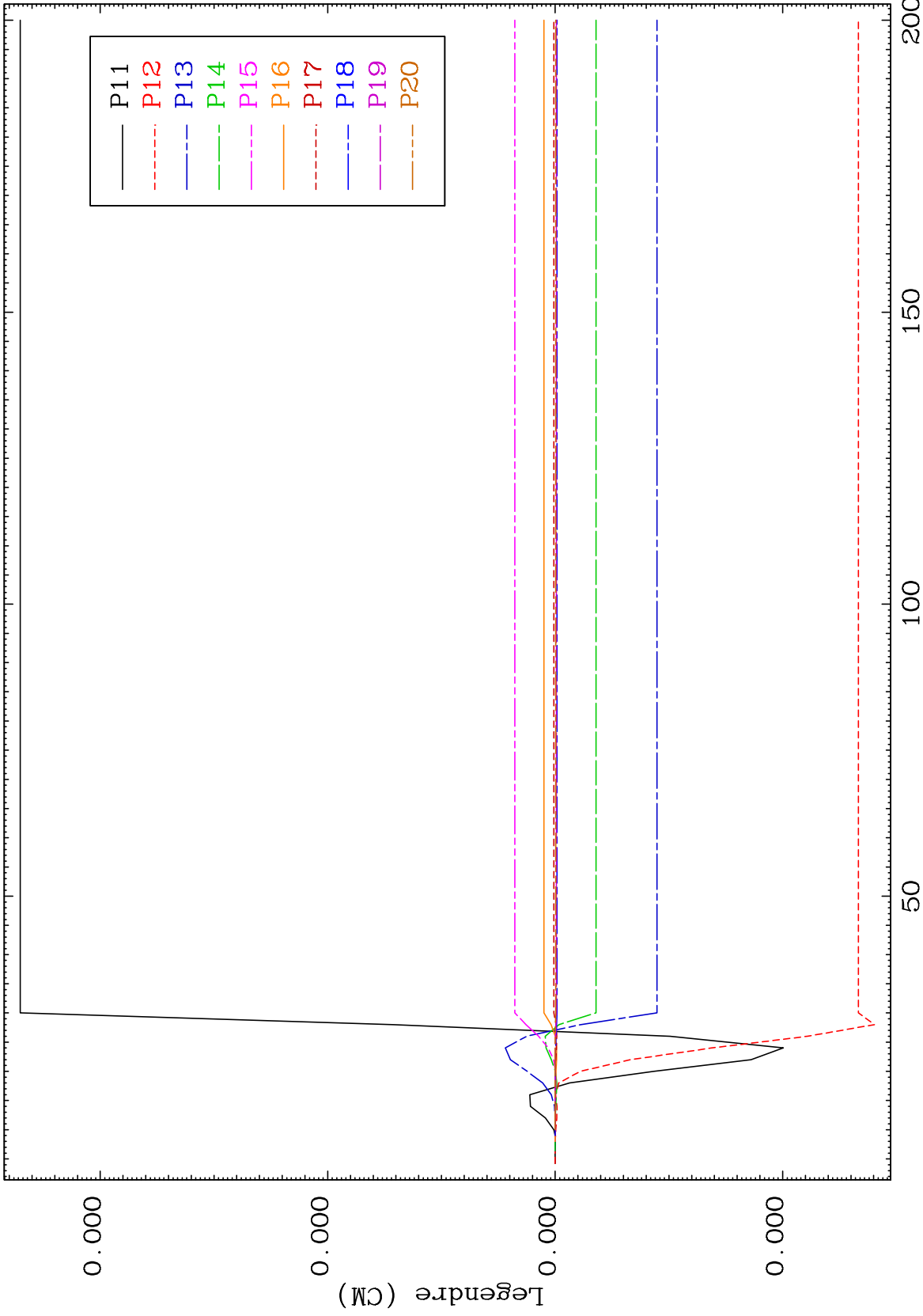
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



88

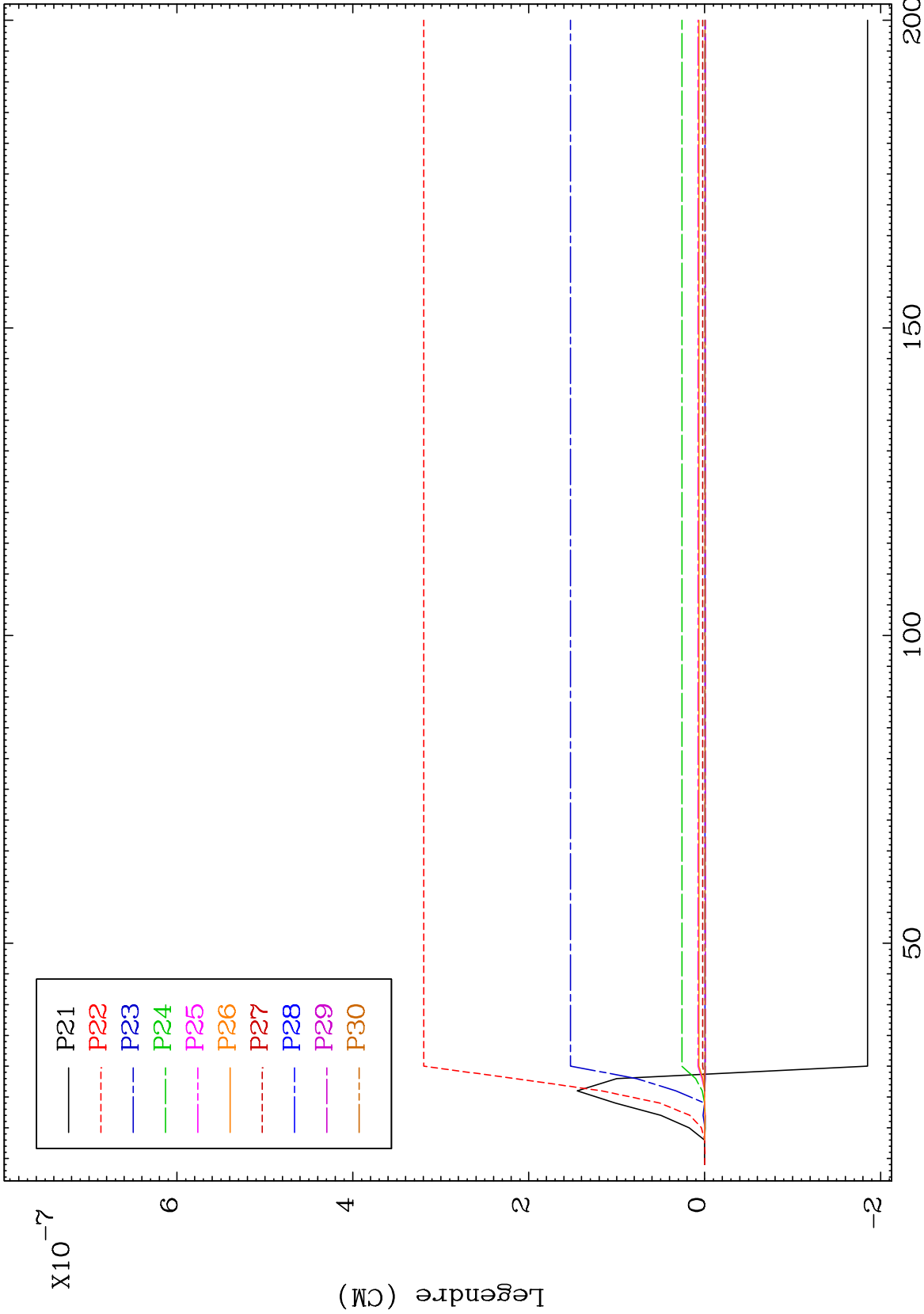
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



89

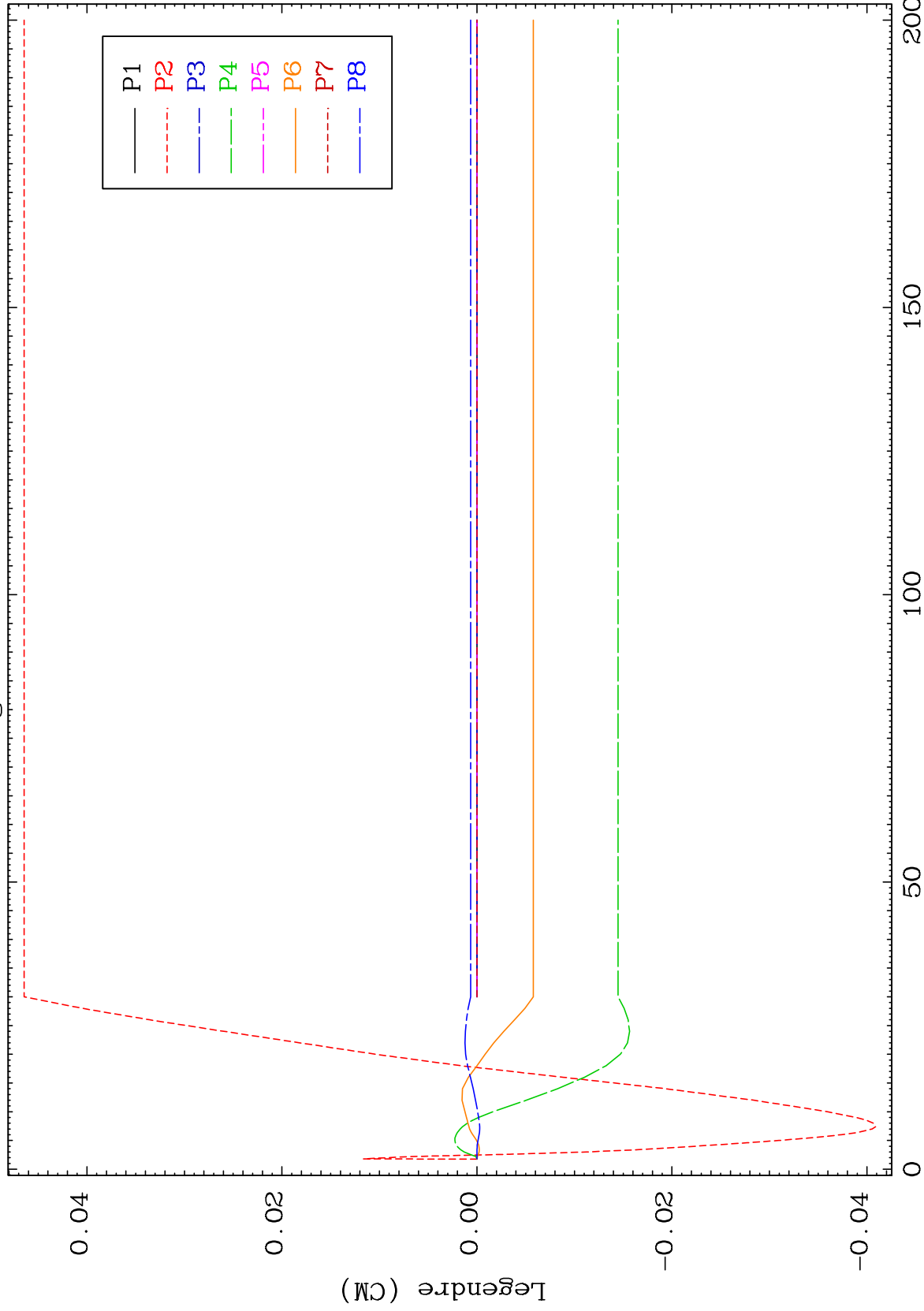
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102

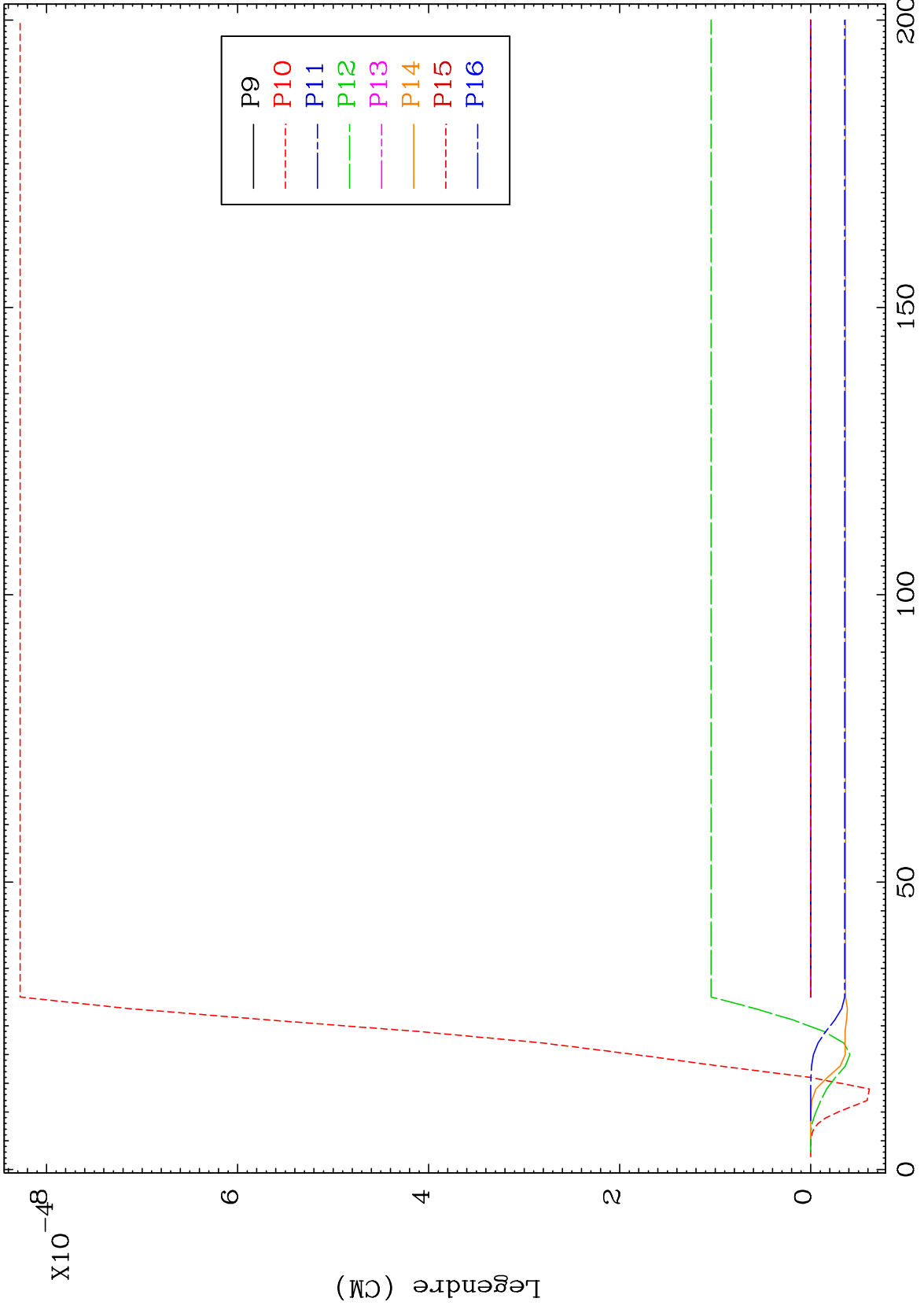


90

Incident Energy (MeV)

47-Ag-102

MAT 4710 MT= 72 (n,n') Level Legendre Coefficients 47-Ag-102

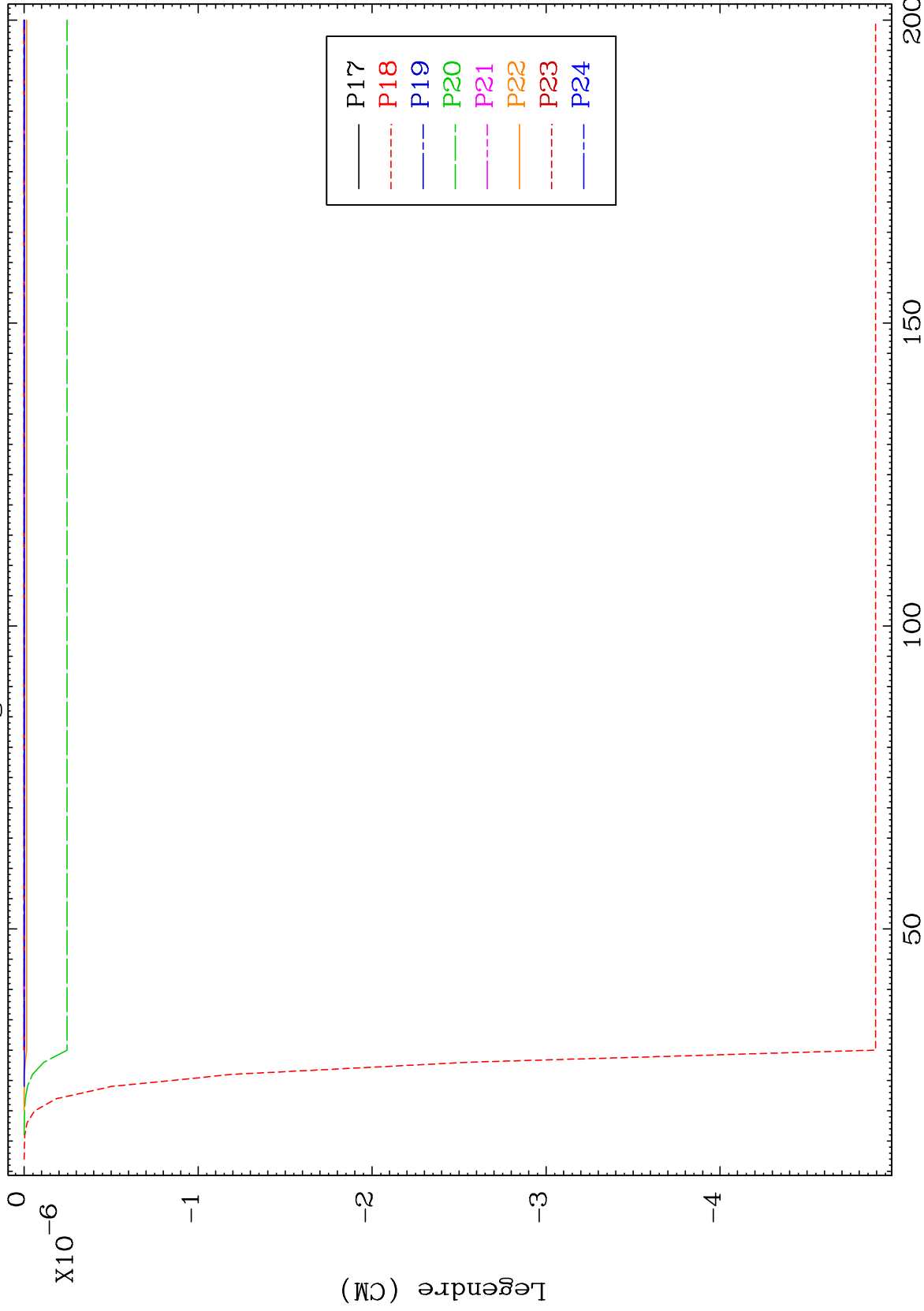


91 47-Ag-102

MAT 4710

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

47-Ag-102



92

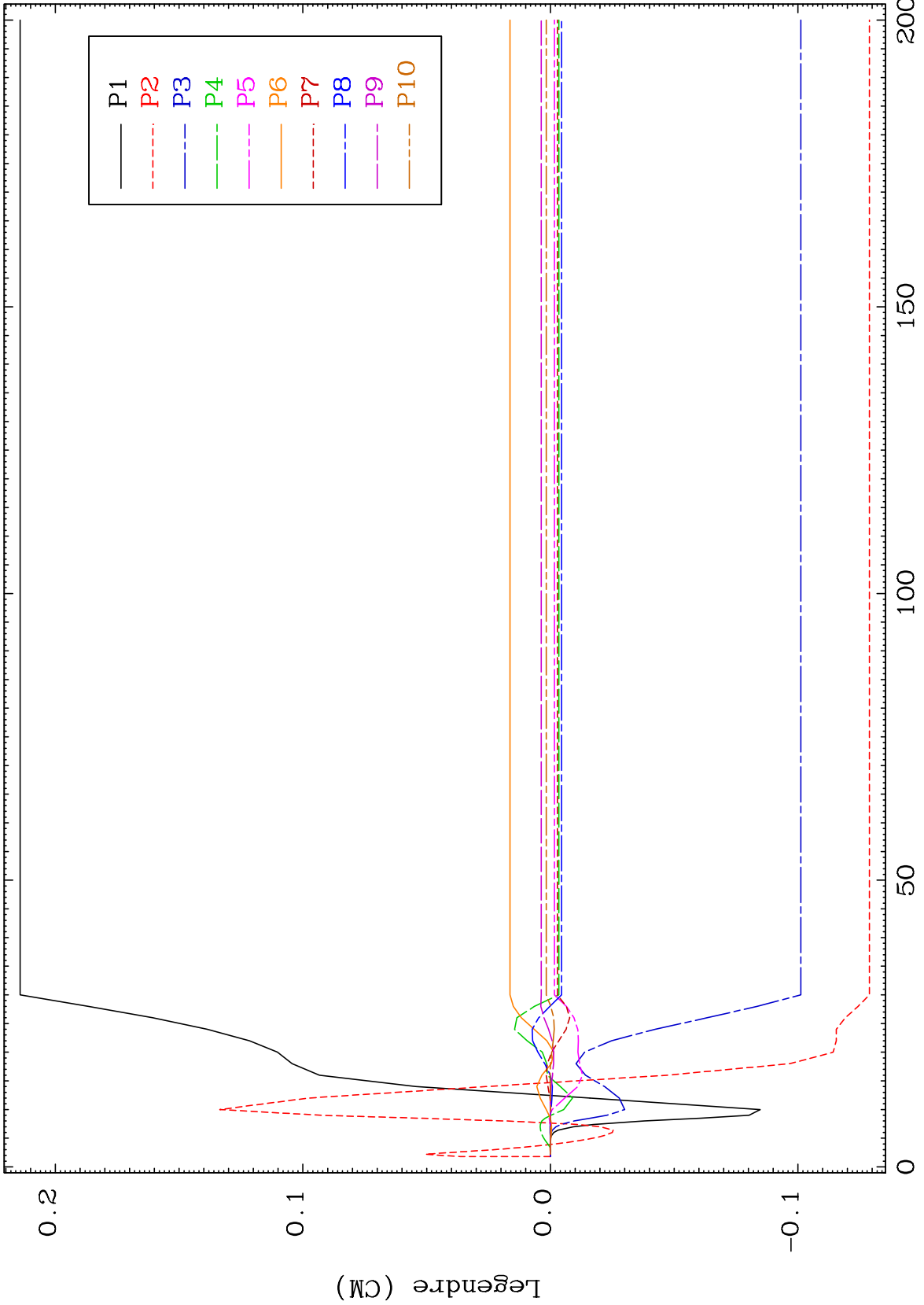
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



93

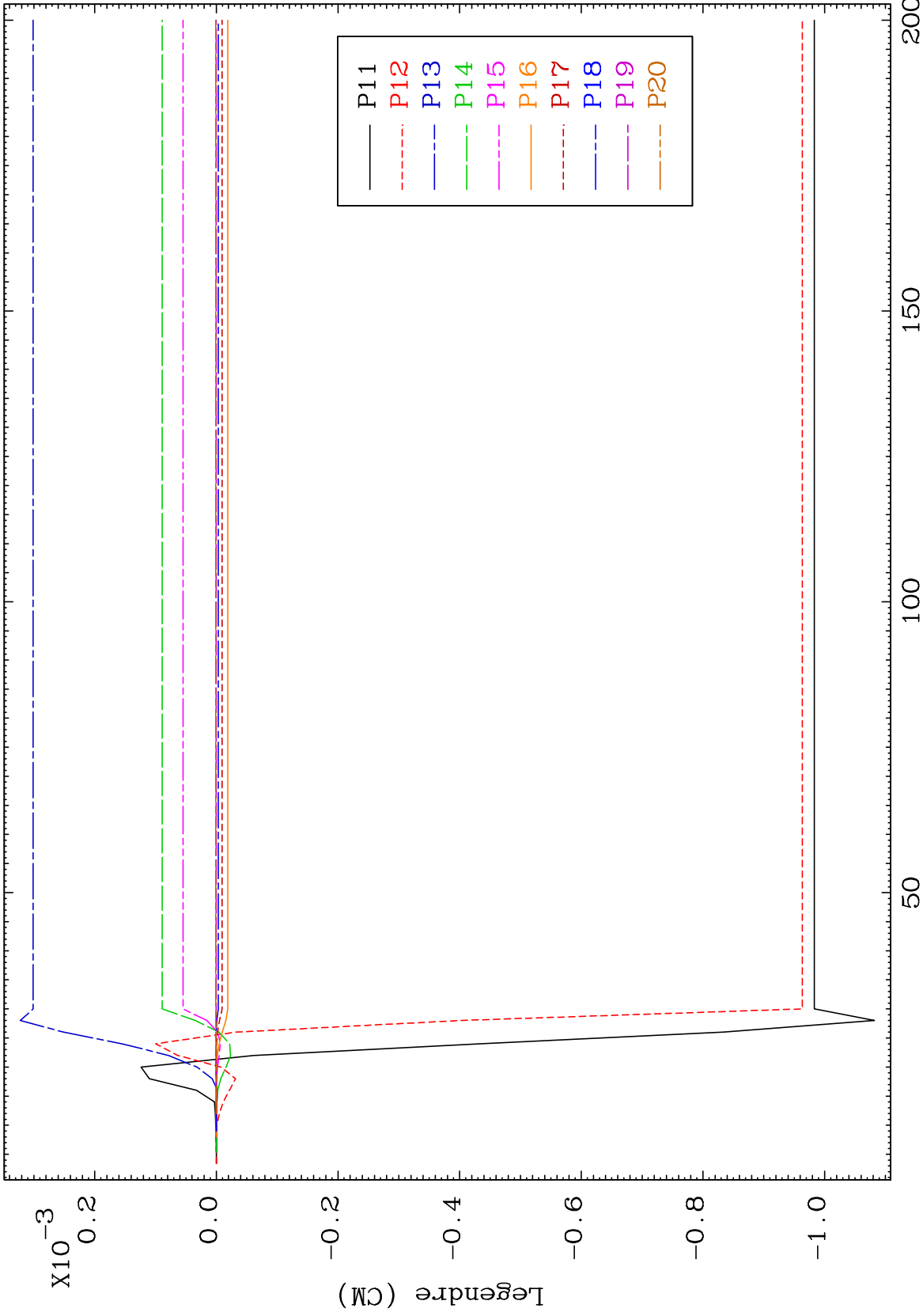
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



94

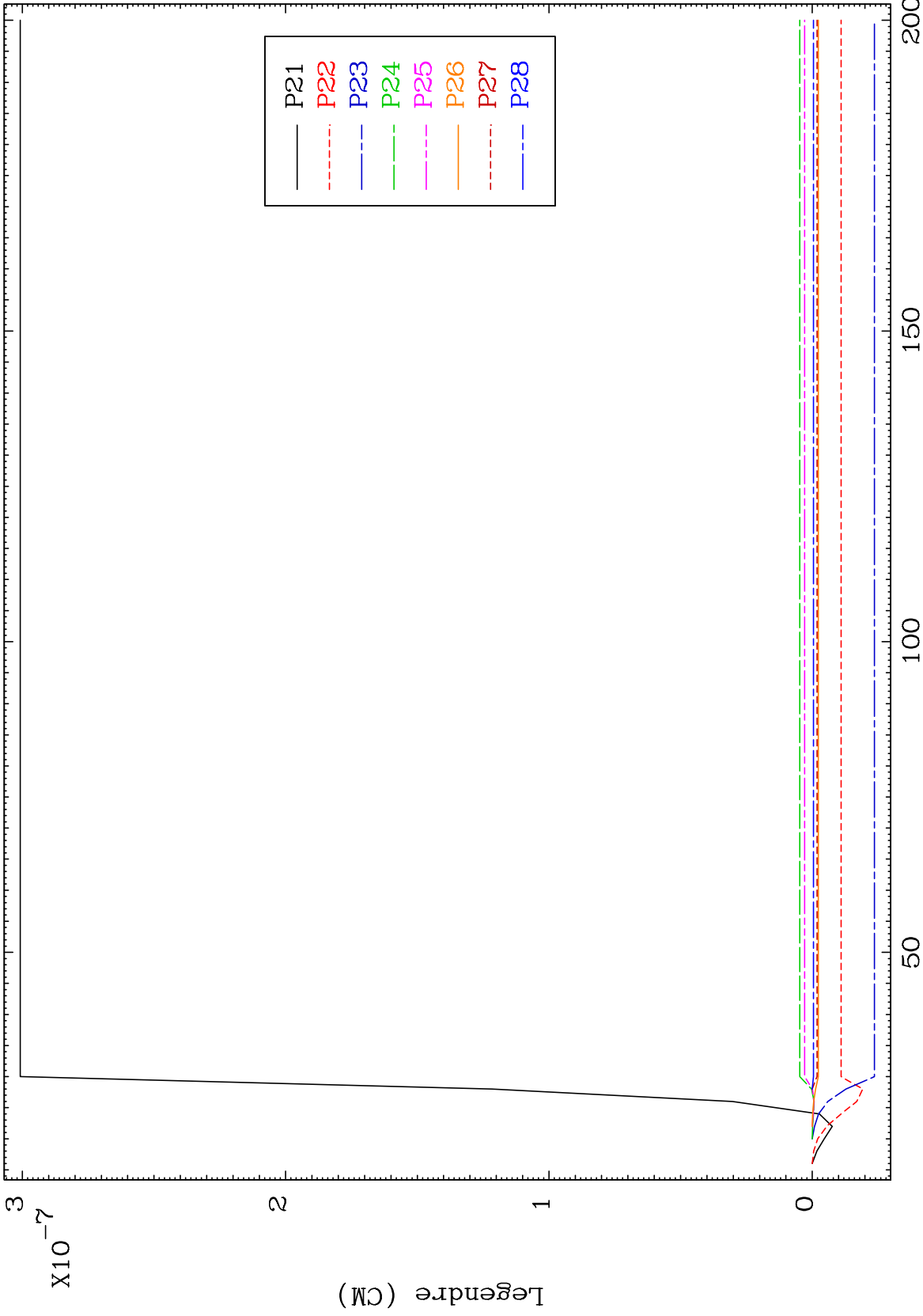
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



95

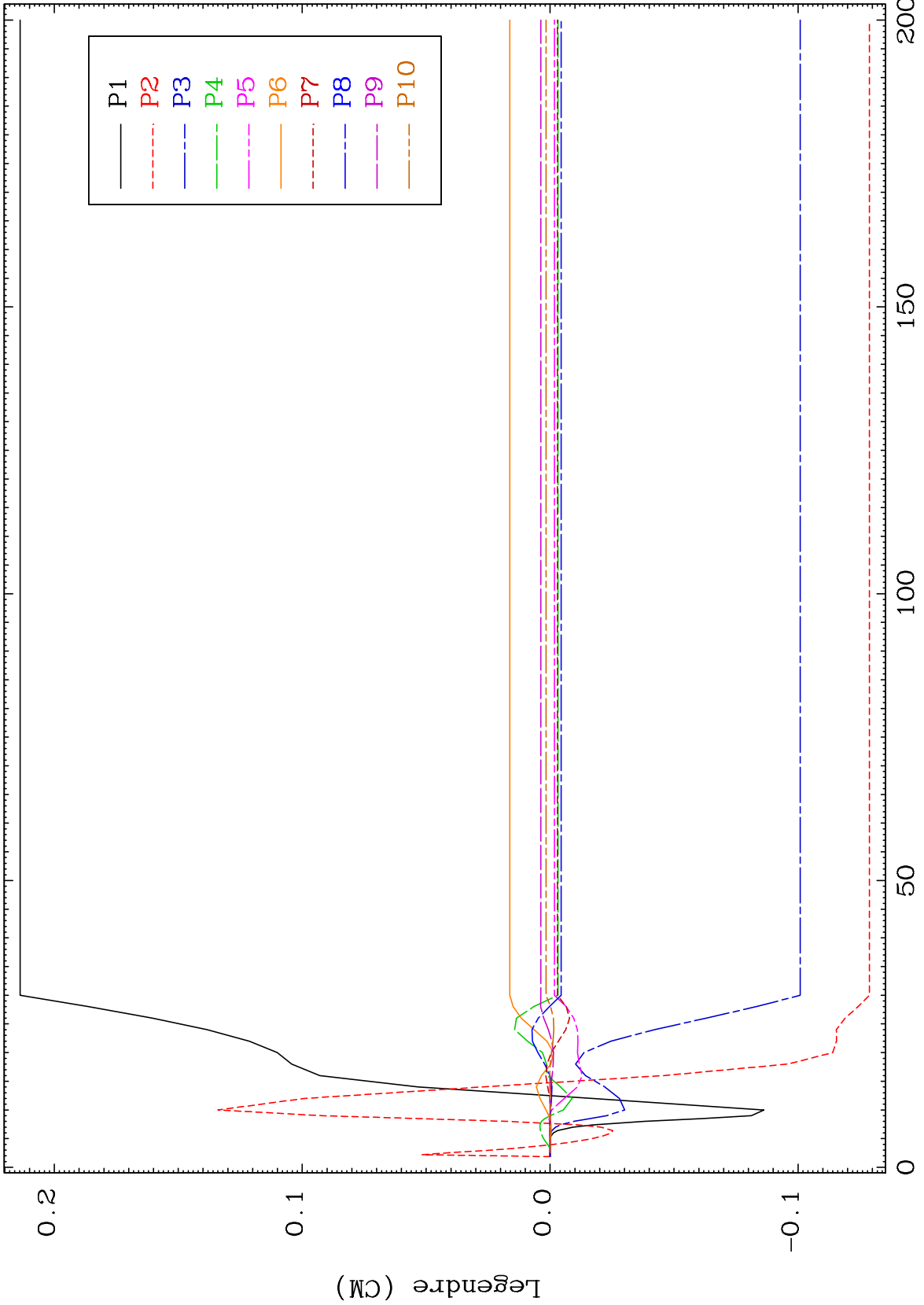
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



96

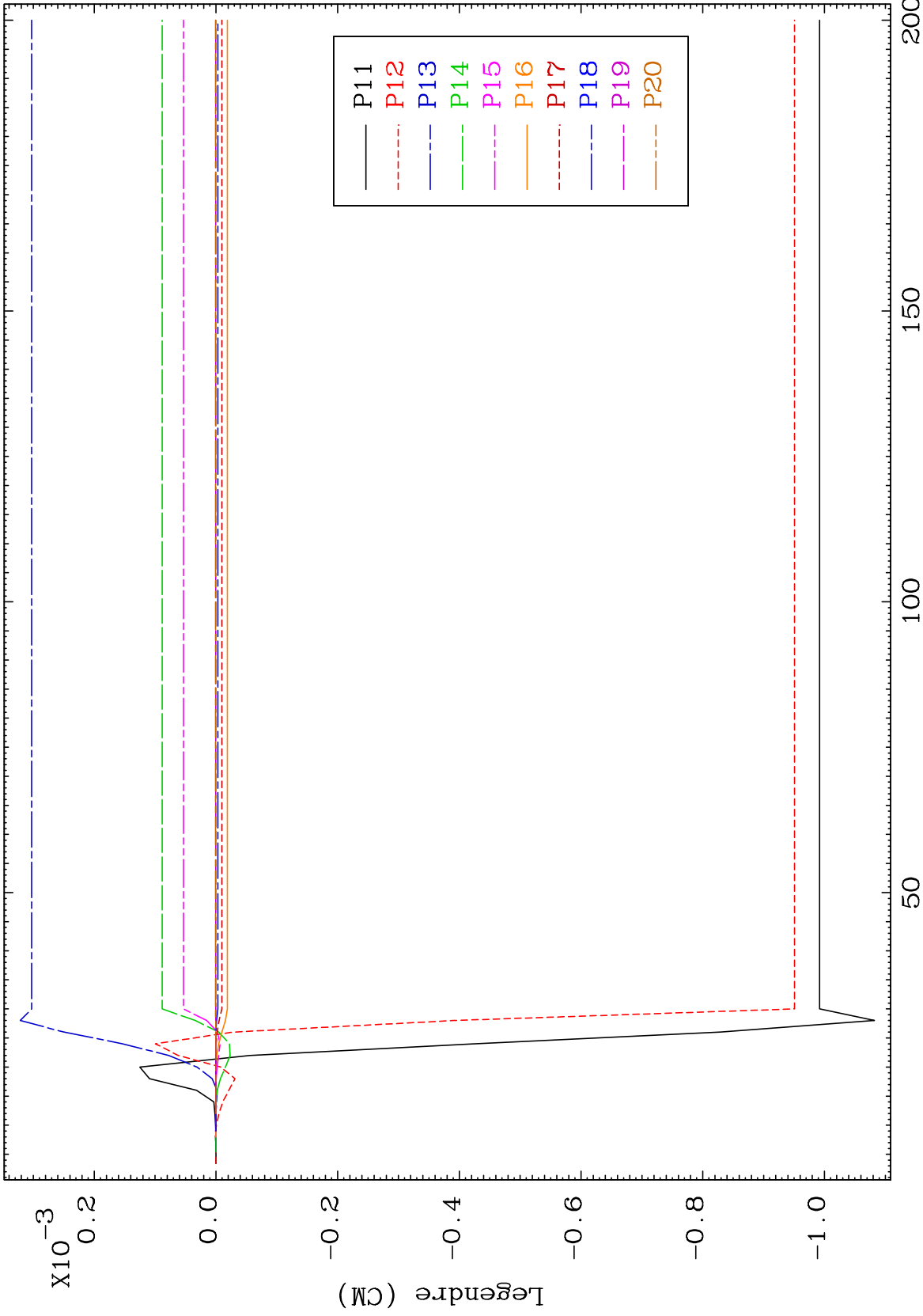
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



97

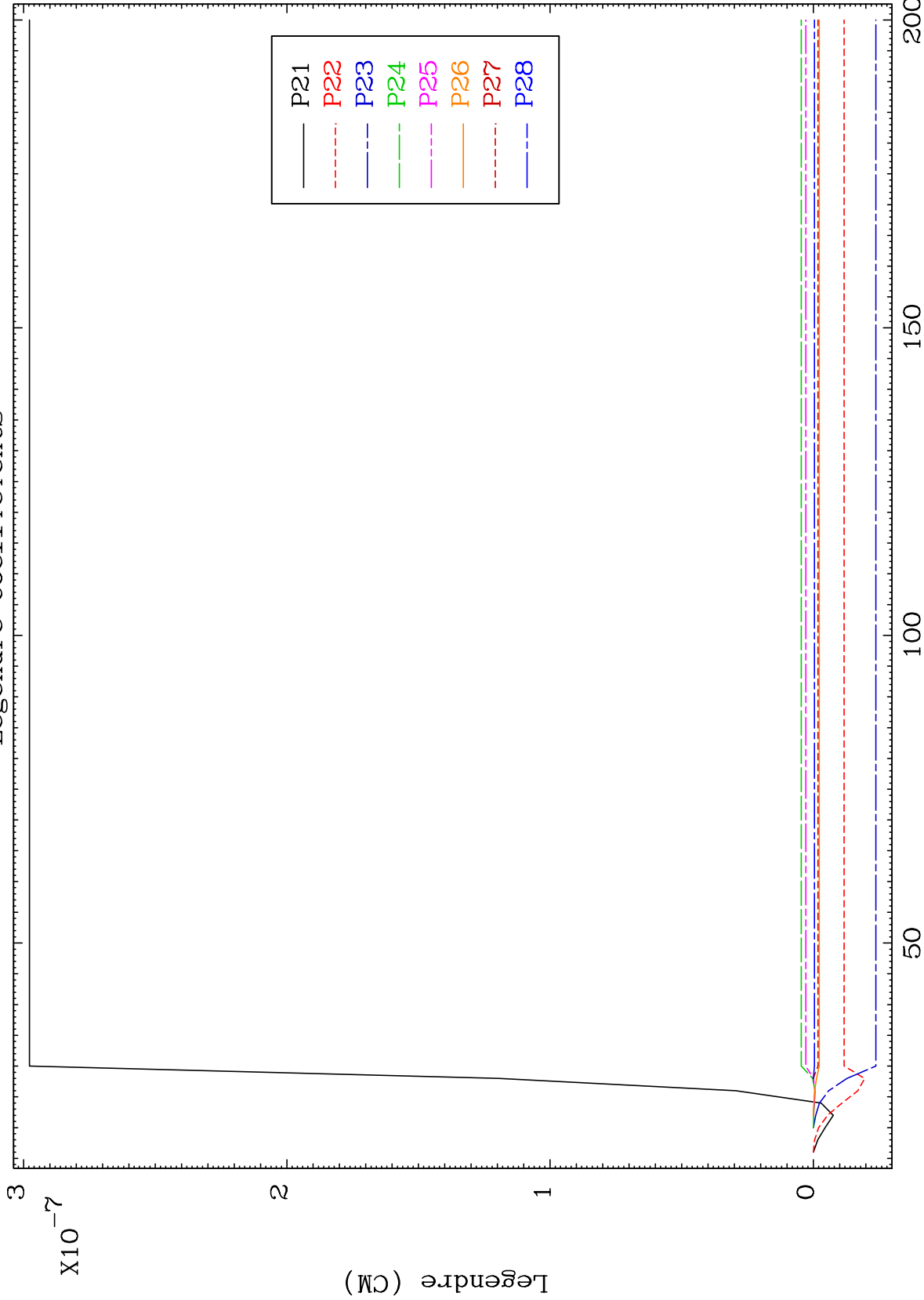
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



98

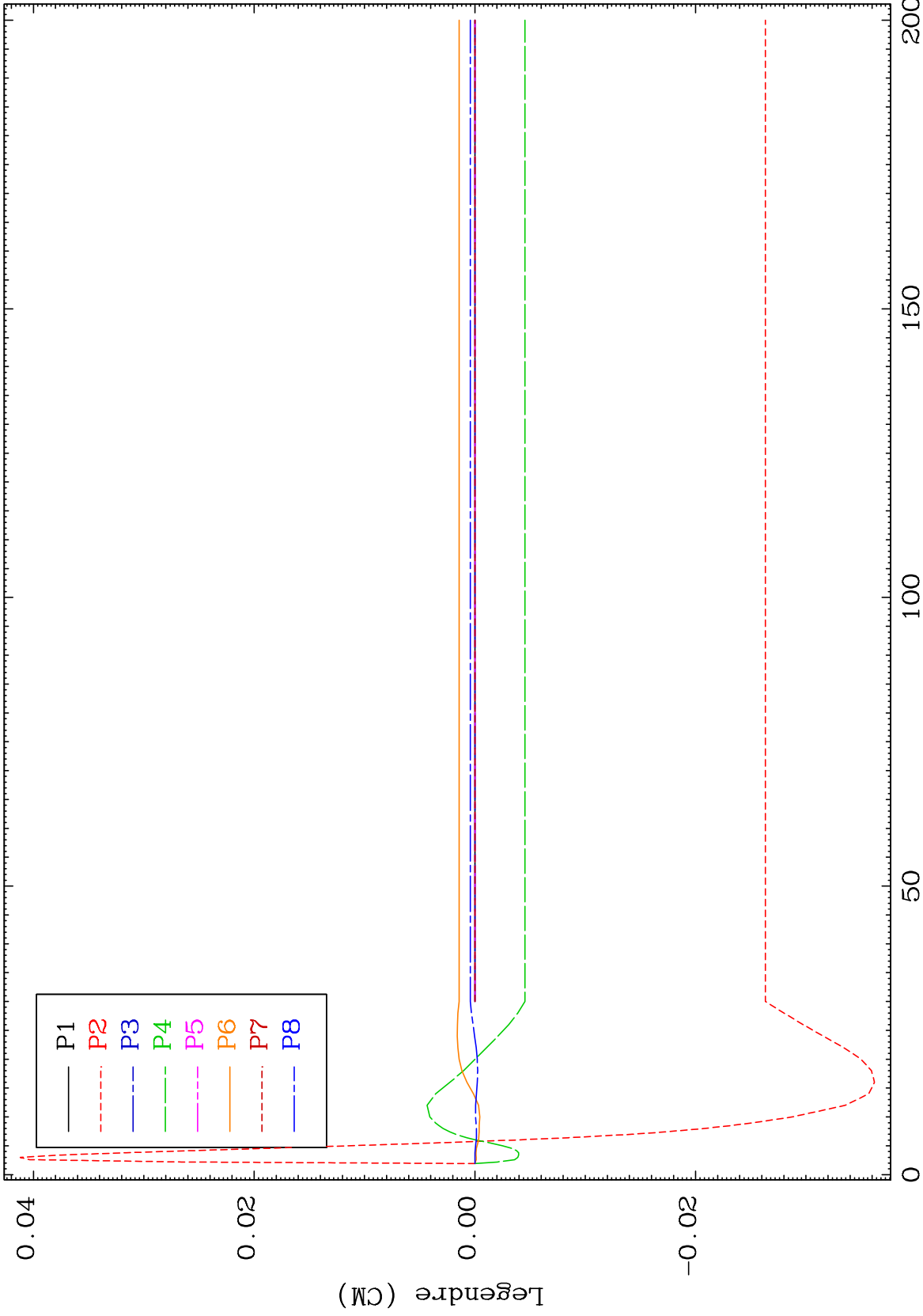
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



99

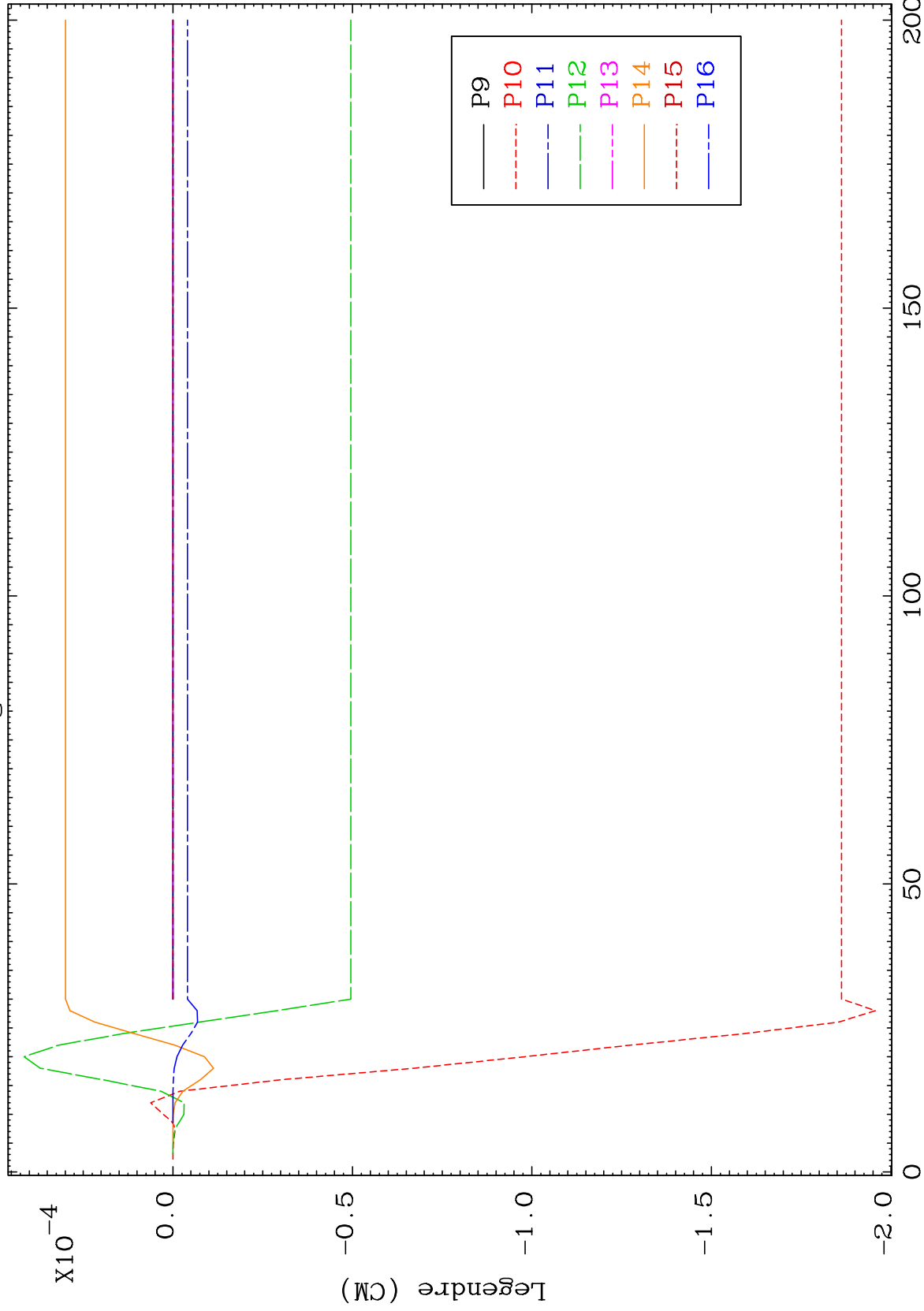
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



100

Incident Energy (MeV)

150

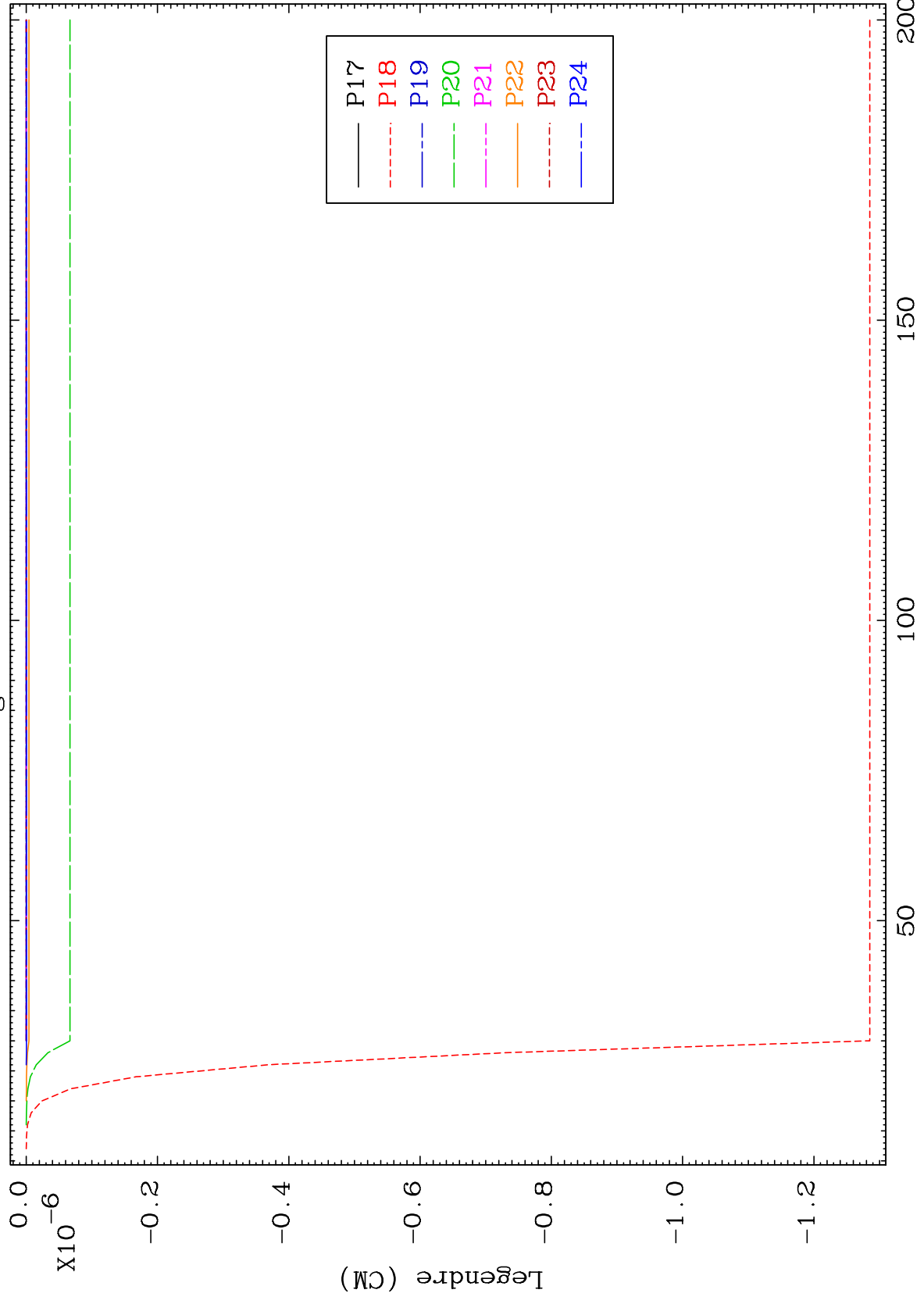
47-Ag-102

200

MAT 4710

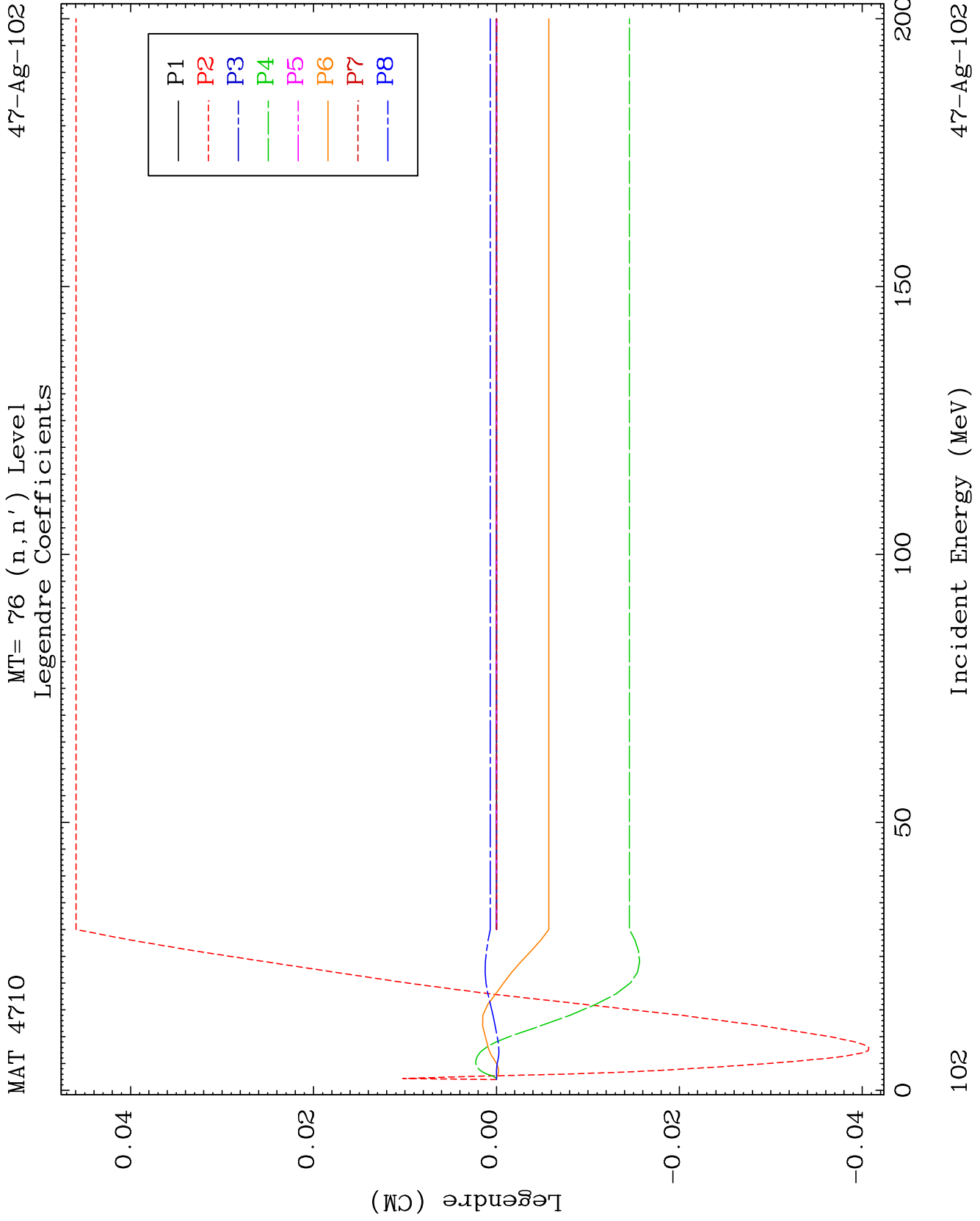
MT= 75 (n,n') Level
Legendre Coefficients

47-Ag-102



101

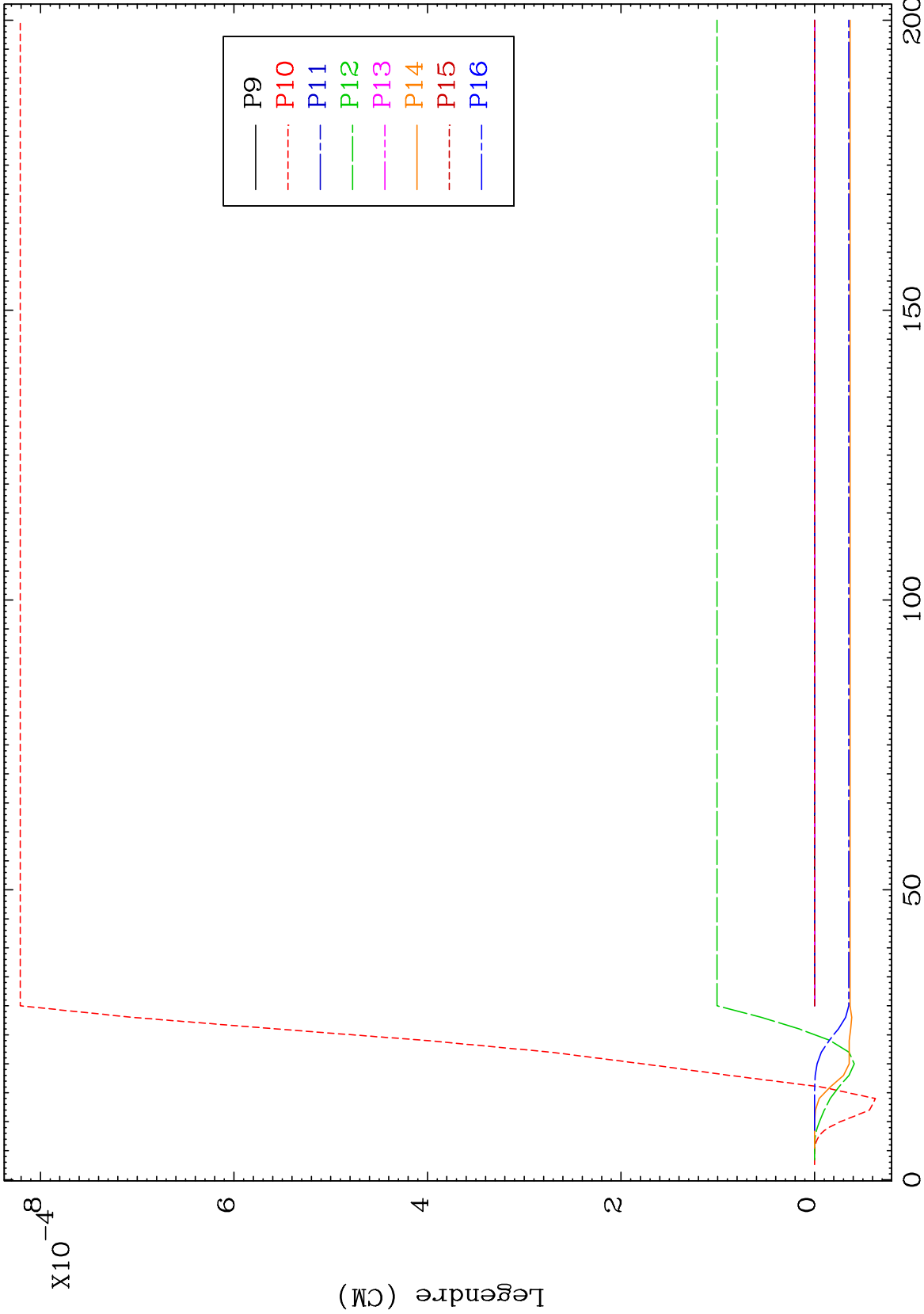
47-Ag-102



MAT 4710

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

47-Ag-102



103

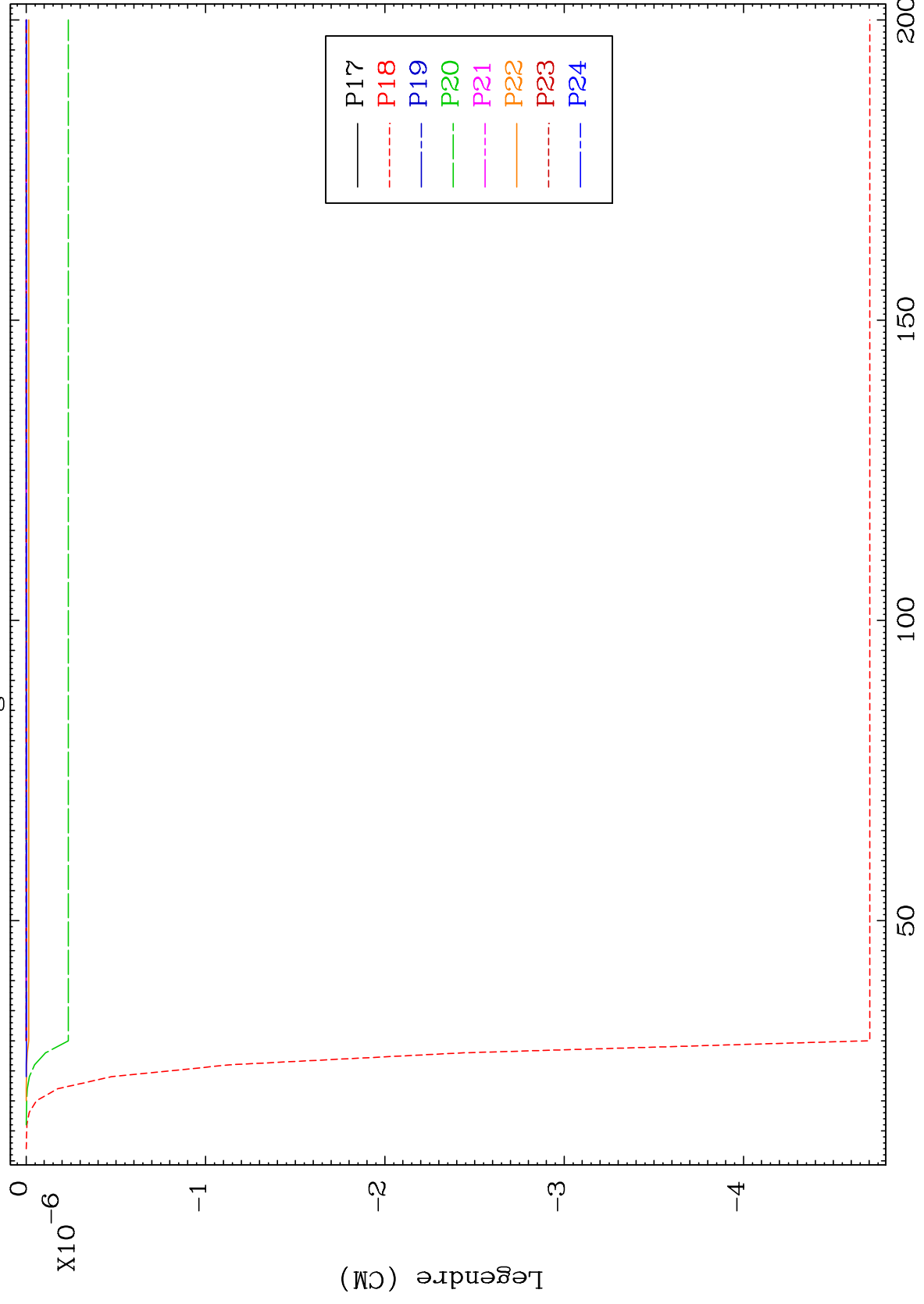
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



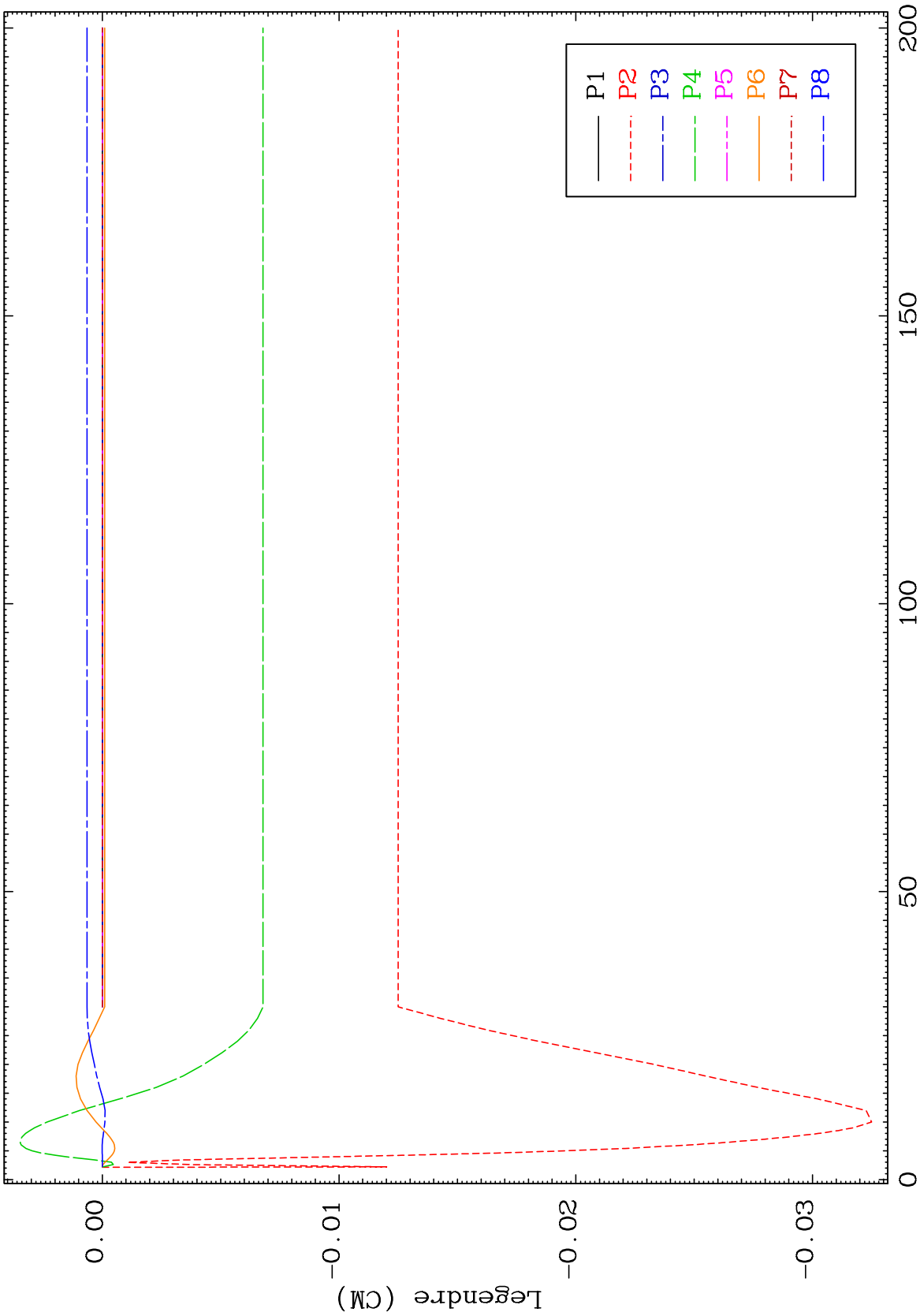
47-Ag-102

104

MAT 4710

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

47-Ag-102



47-Ag-102

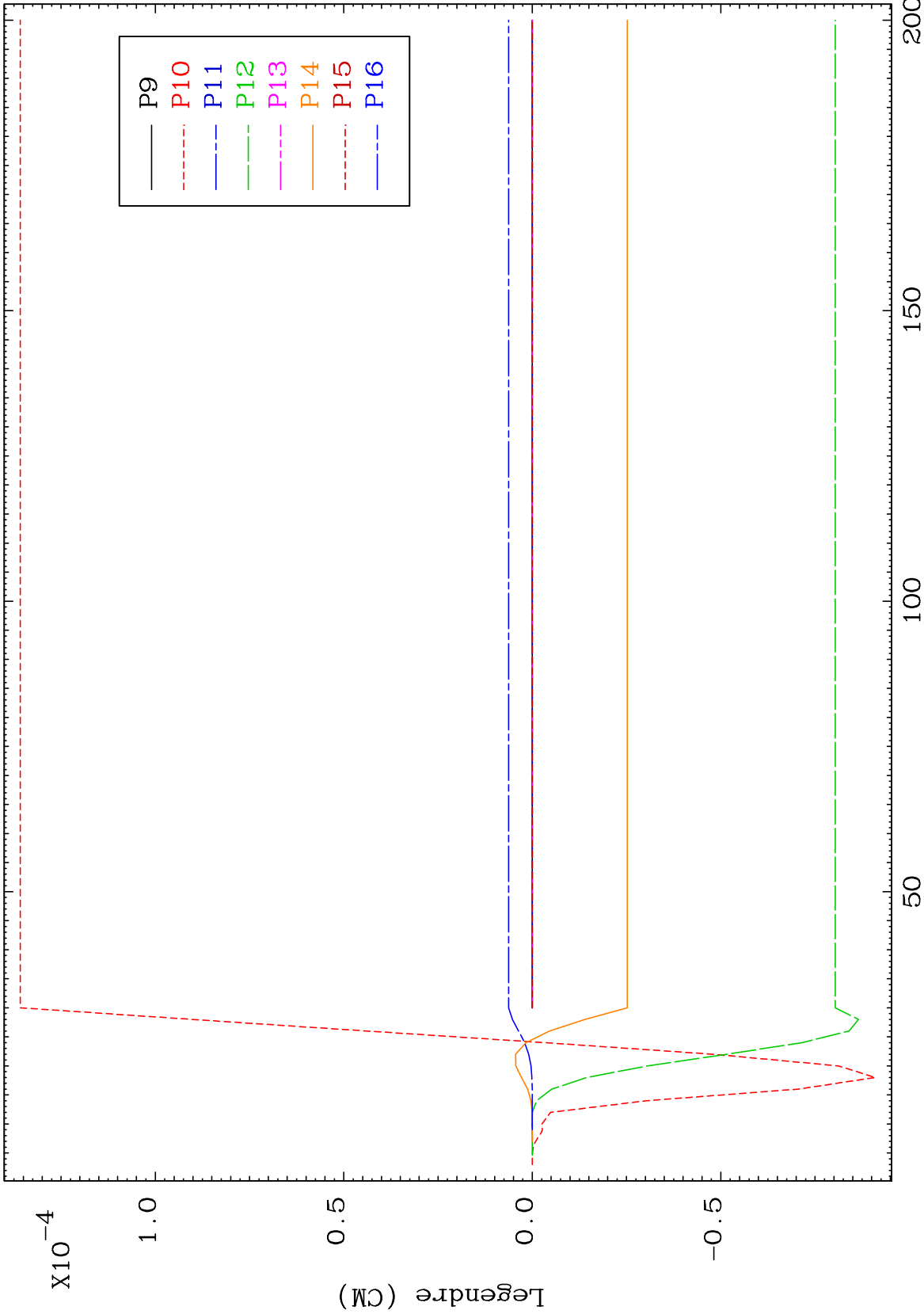
Incident Energy (MeV)

105

MAT 4710

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

47-Ag-102



106

Incident Energy (MeV)

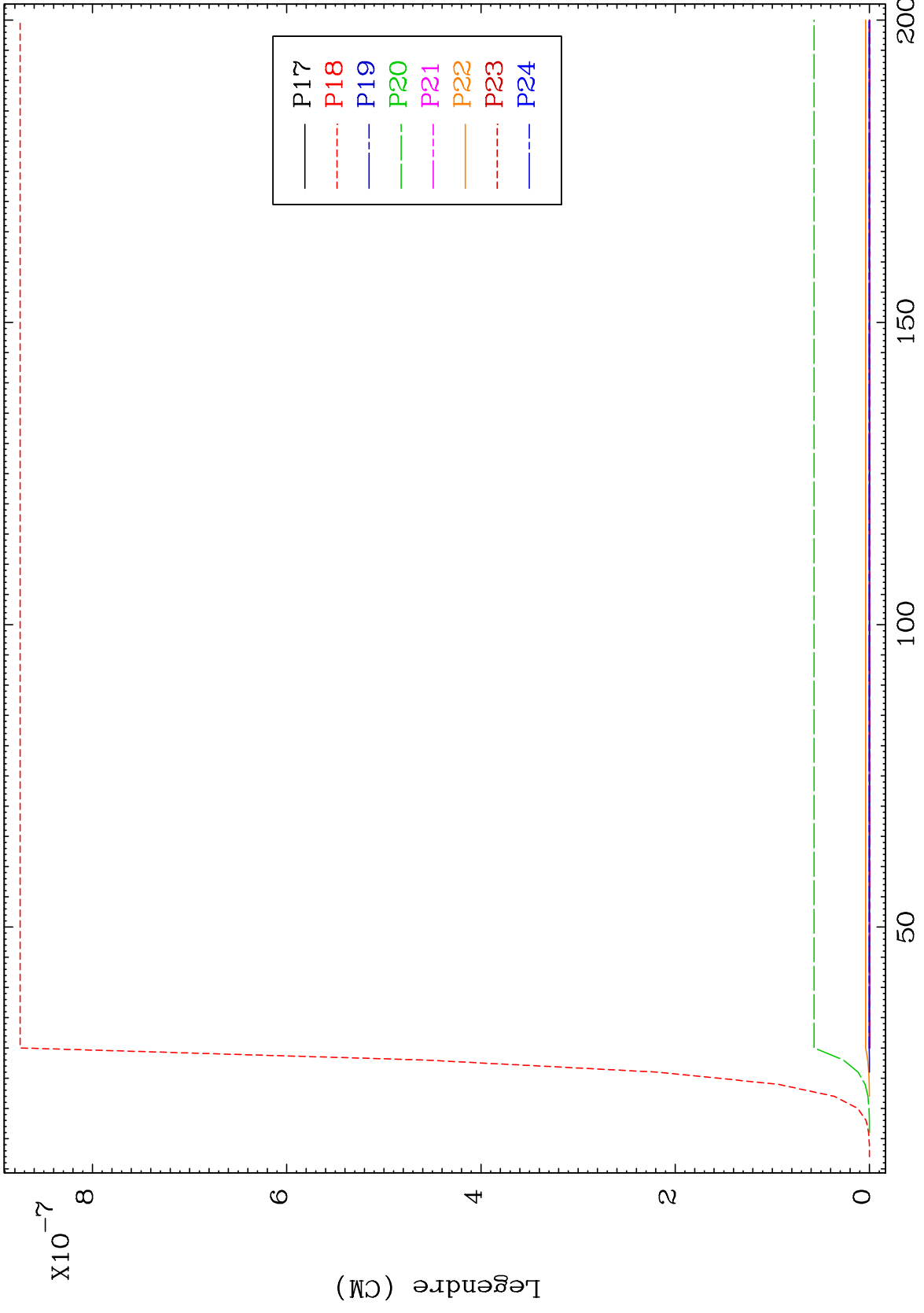
47-Ag-102

MAT 4710

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

47-Ag-102

47-Ag-102



107

50

100

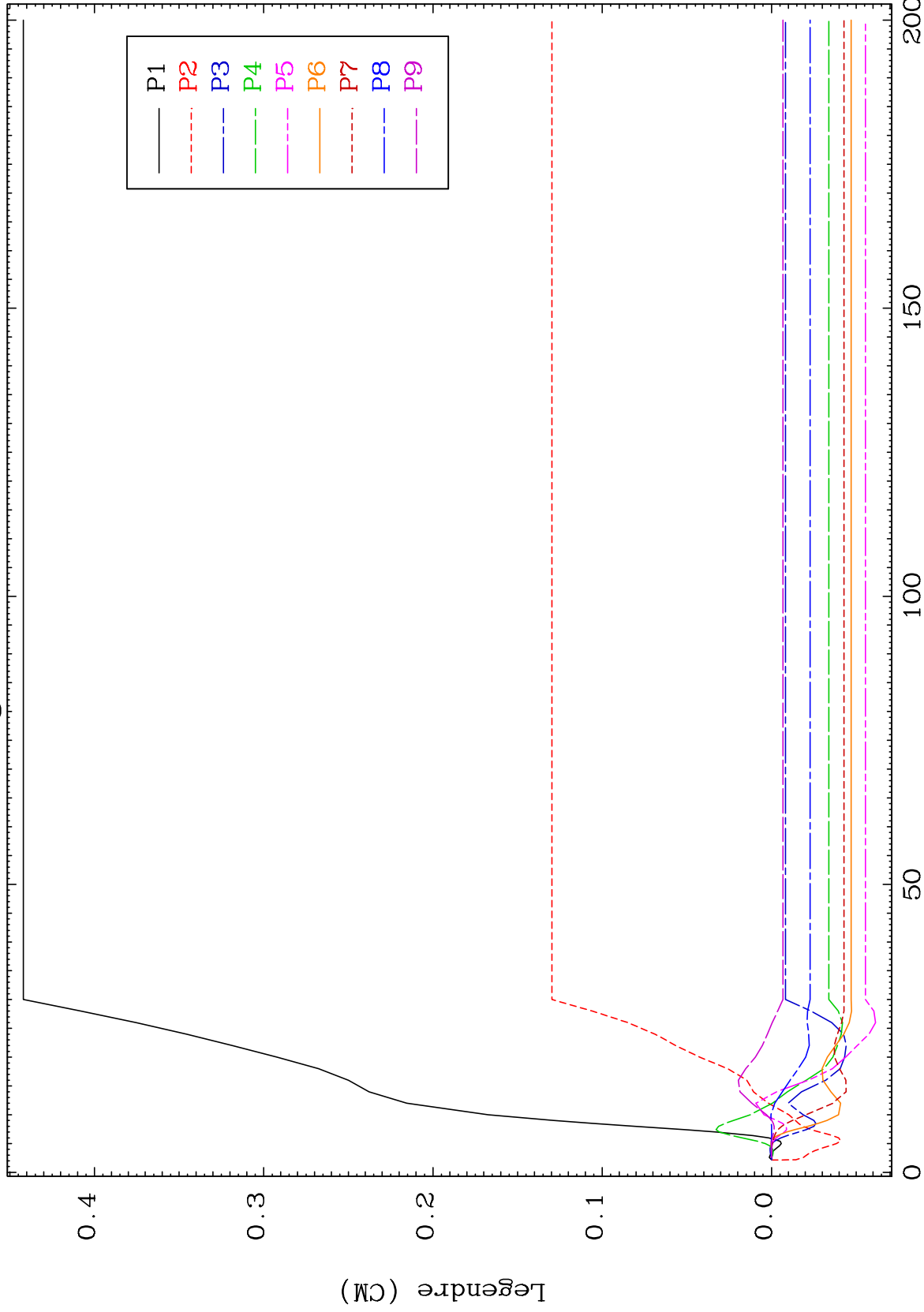
150

200

MAT 4710

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

47-Ag-102



108

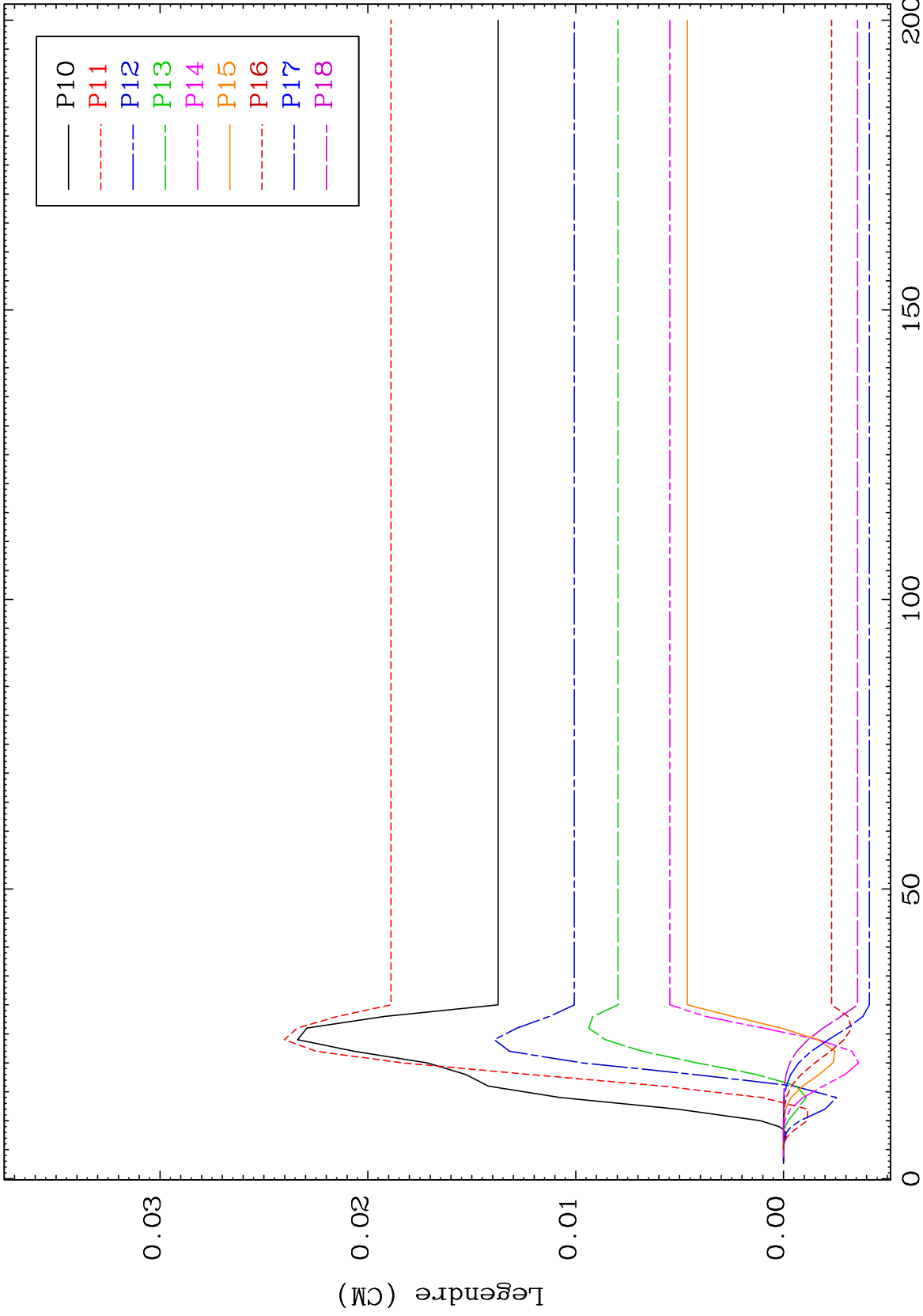
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



109

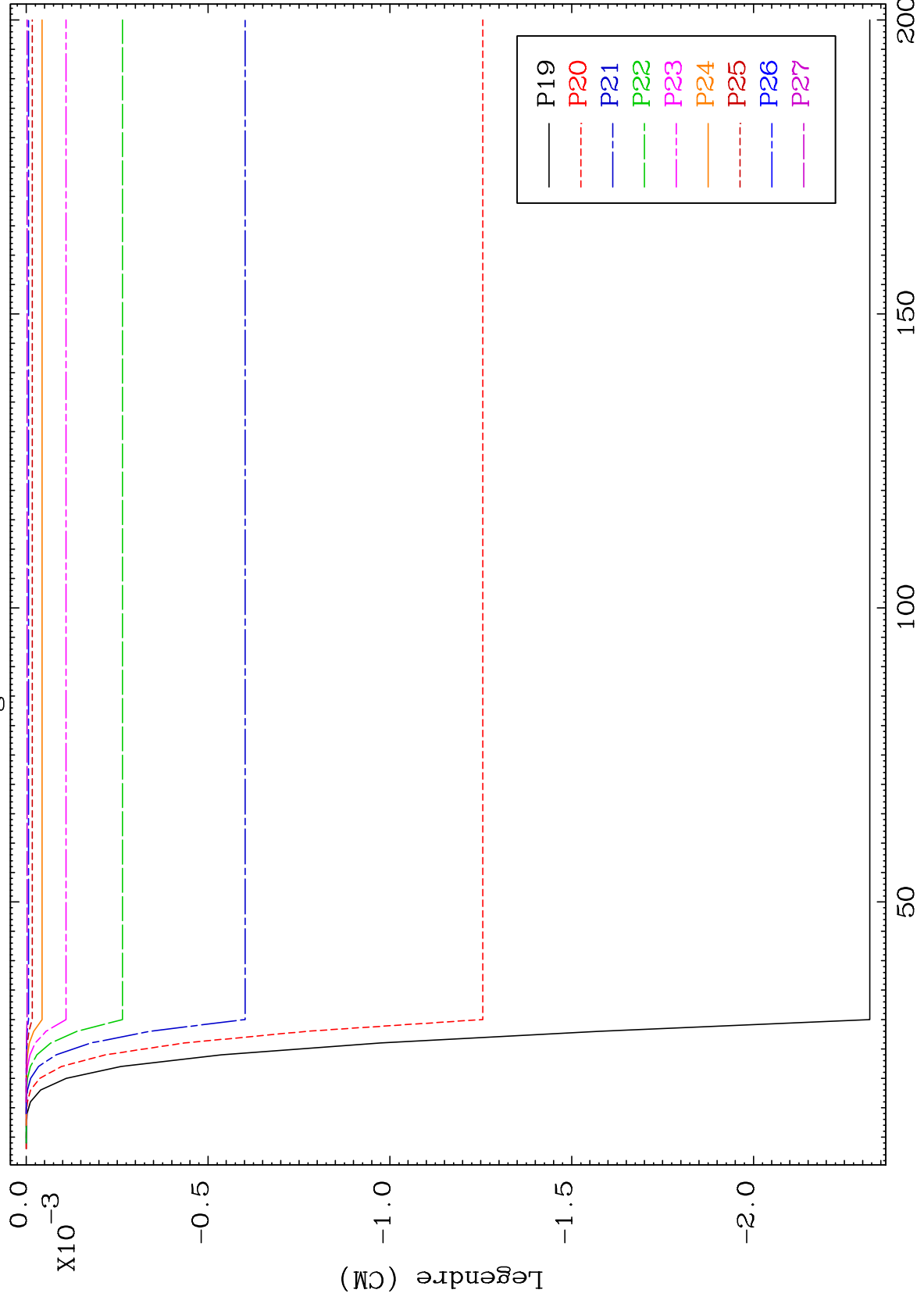
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

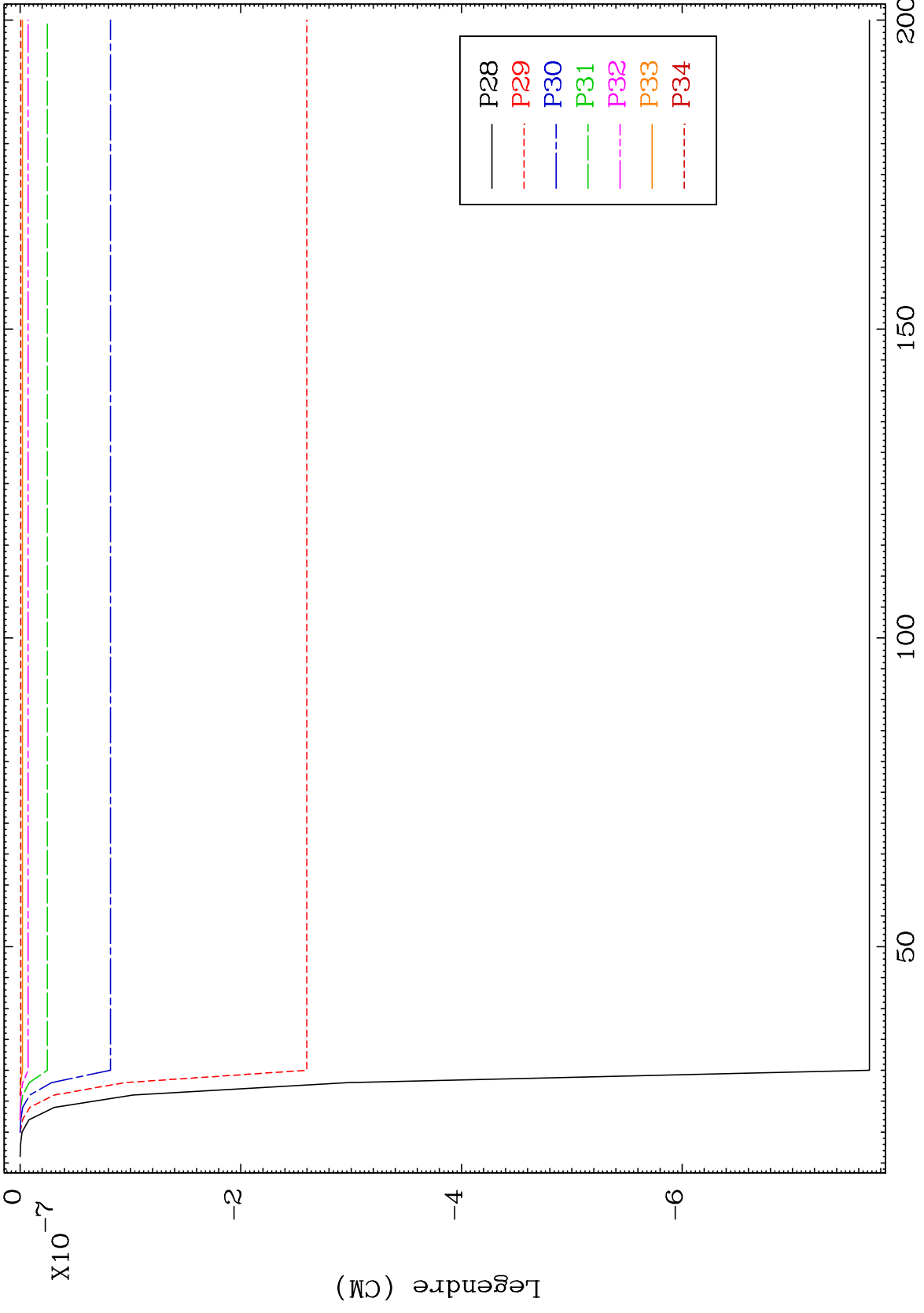
Incident Energy (MeV)

110

MAT 4710

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

47-Ag-102



47-Ag-102

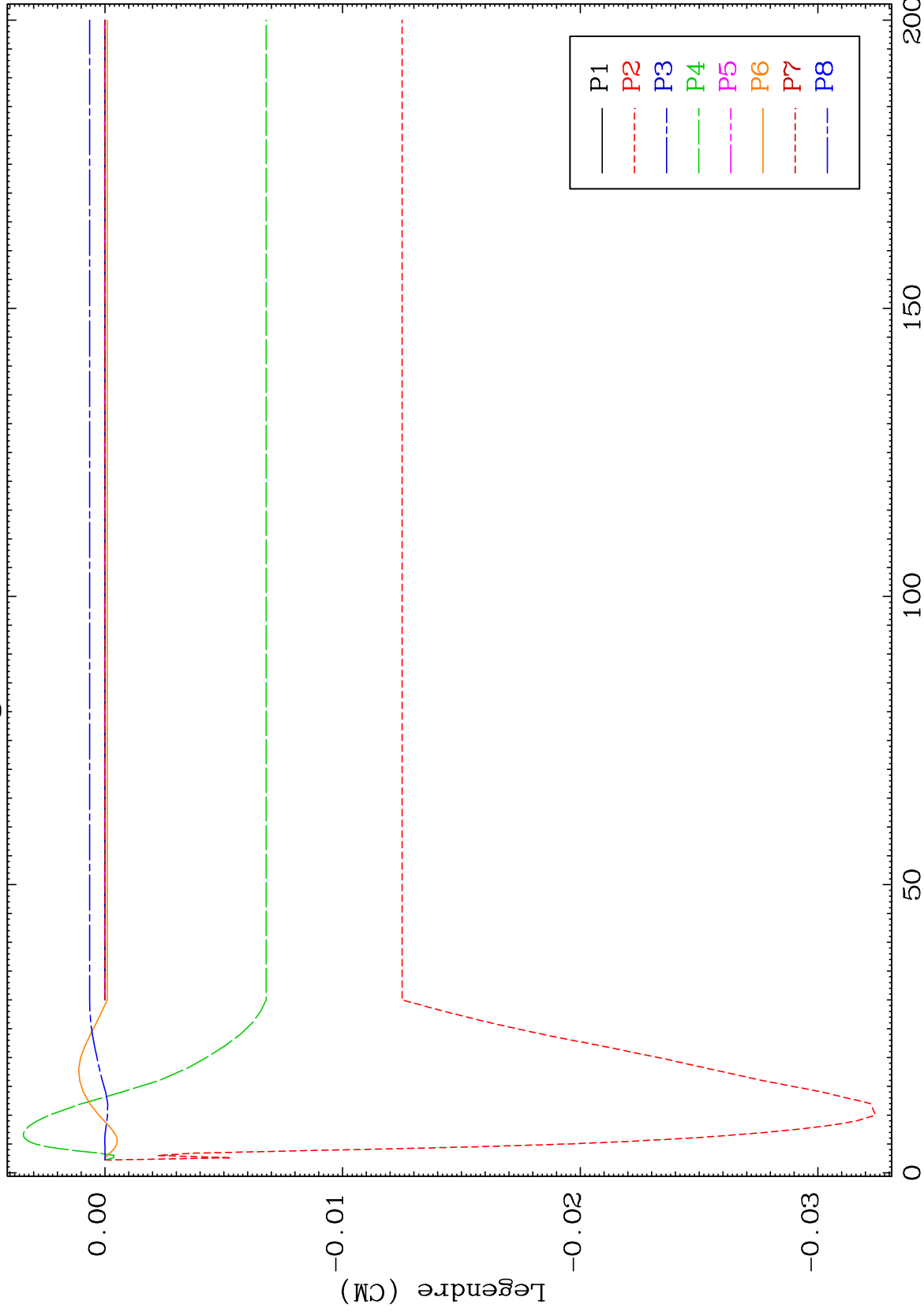
Incident Energy (MeV)

111

MAT 4710

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

47-Ag-102



112

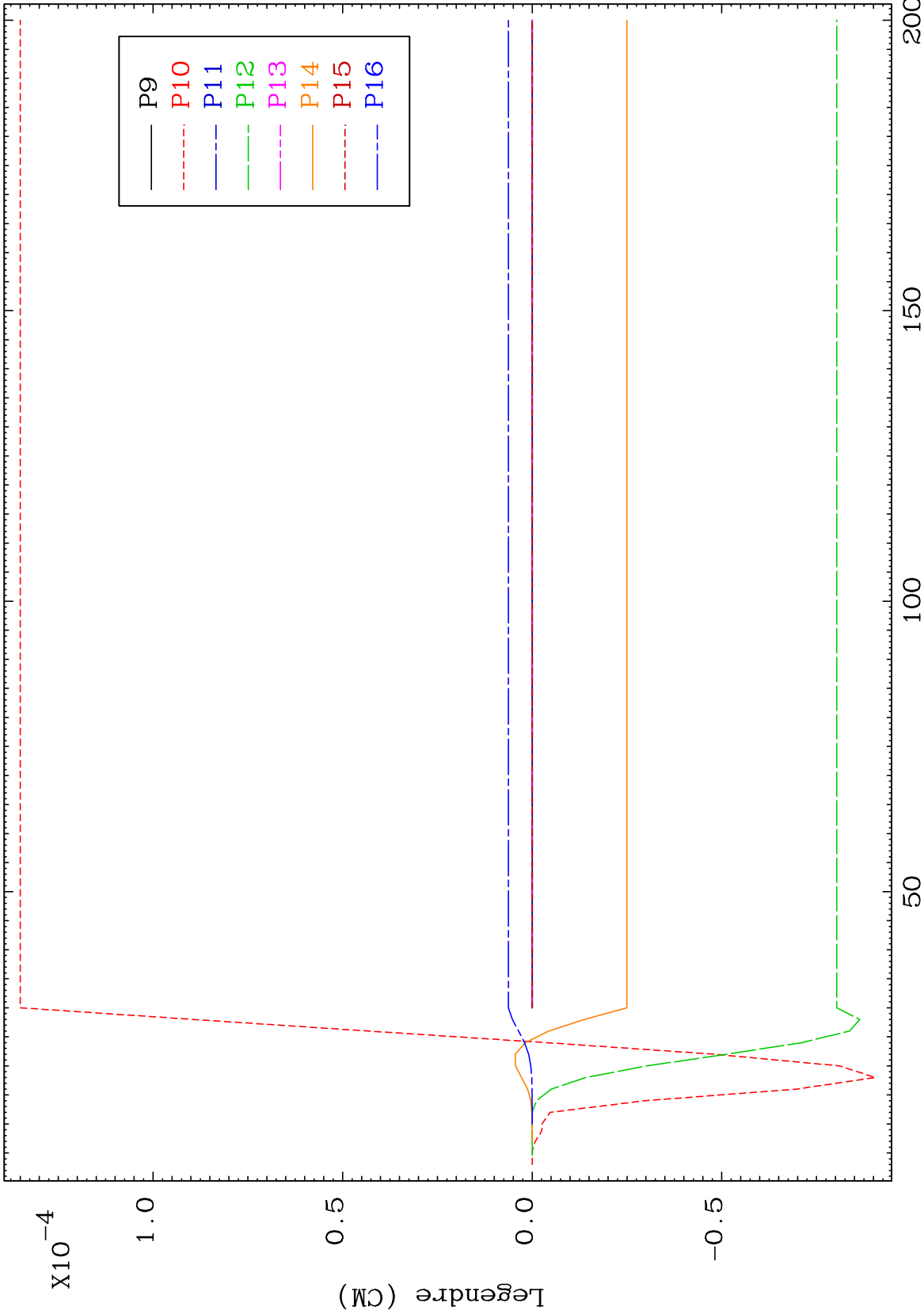
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102

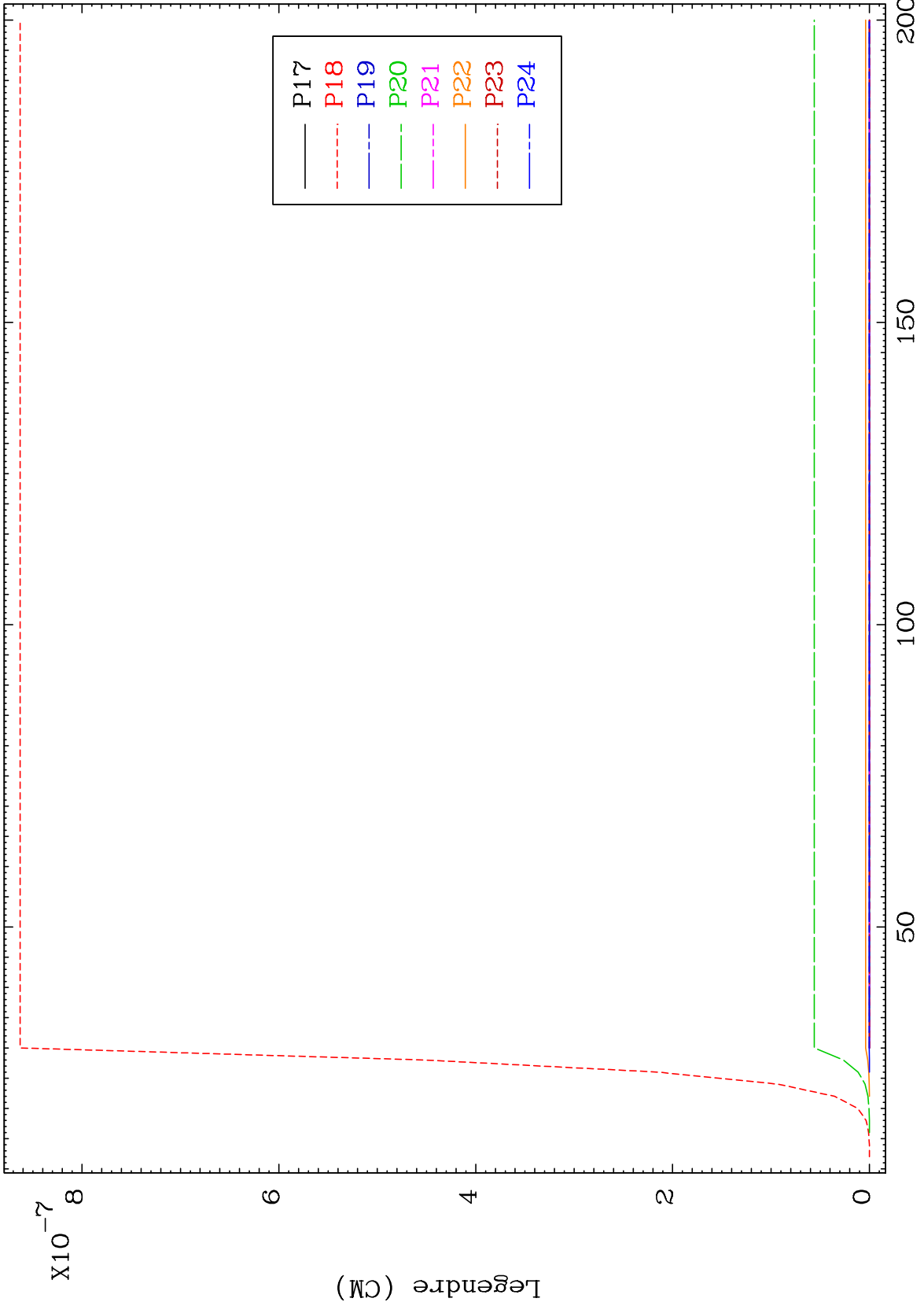


113

Incident Energy (MeV)

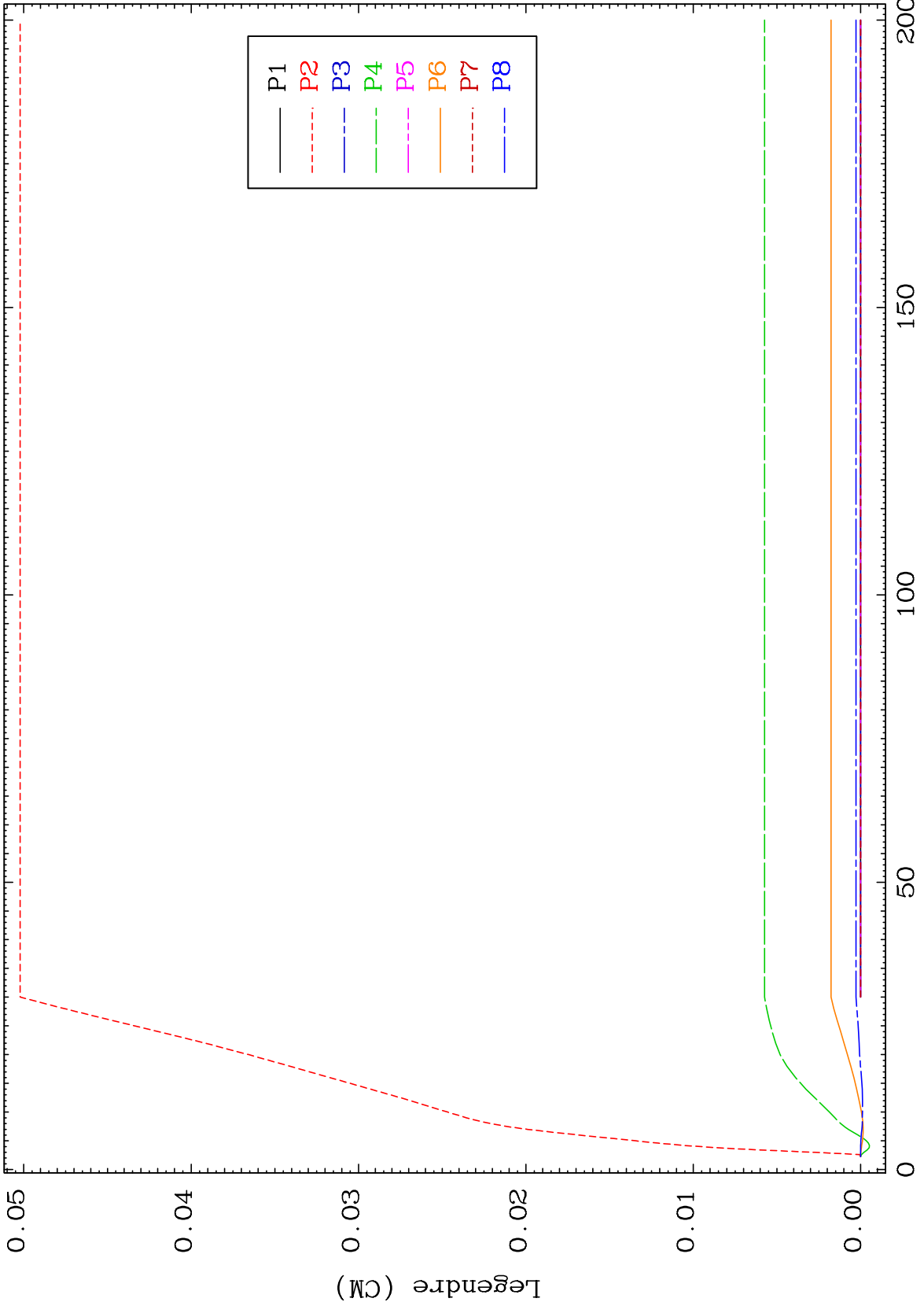
47-Ag-102

MAT 4710 MT= 79 (n,n') Level Legendre Coefficients 47-Ag-102



114 47-Ag-102

MAT 4710 MT= 80 (n,n') Level Legendre Coefficients 47-Ag-102

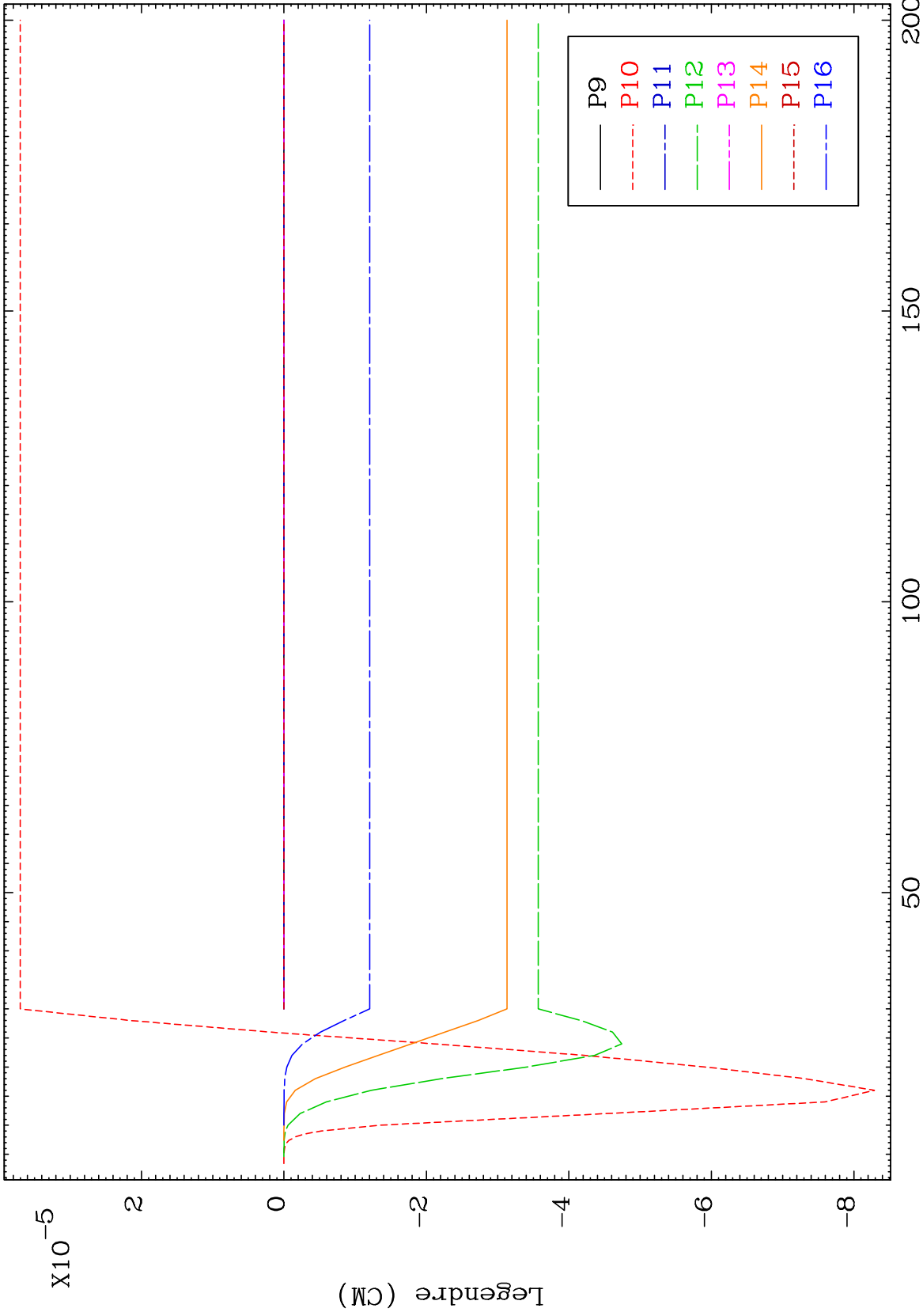


115 Incident Energy (MeV) 47-Ag-102

MAT 4710

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

47-Ag-102



116

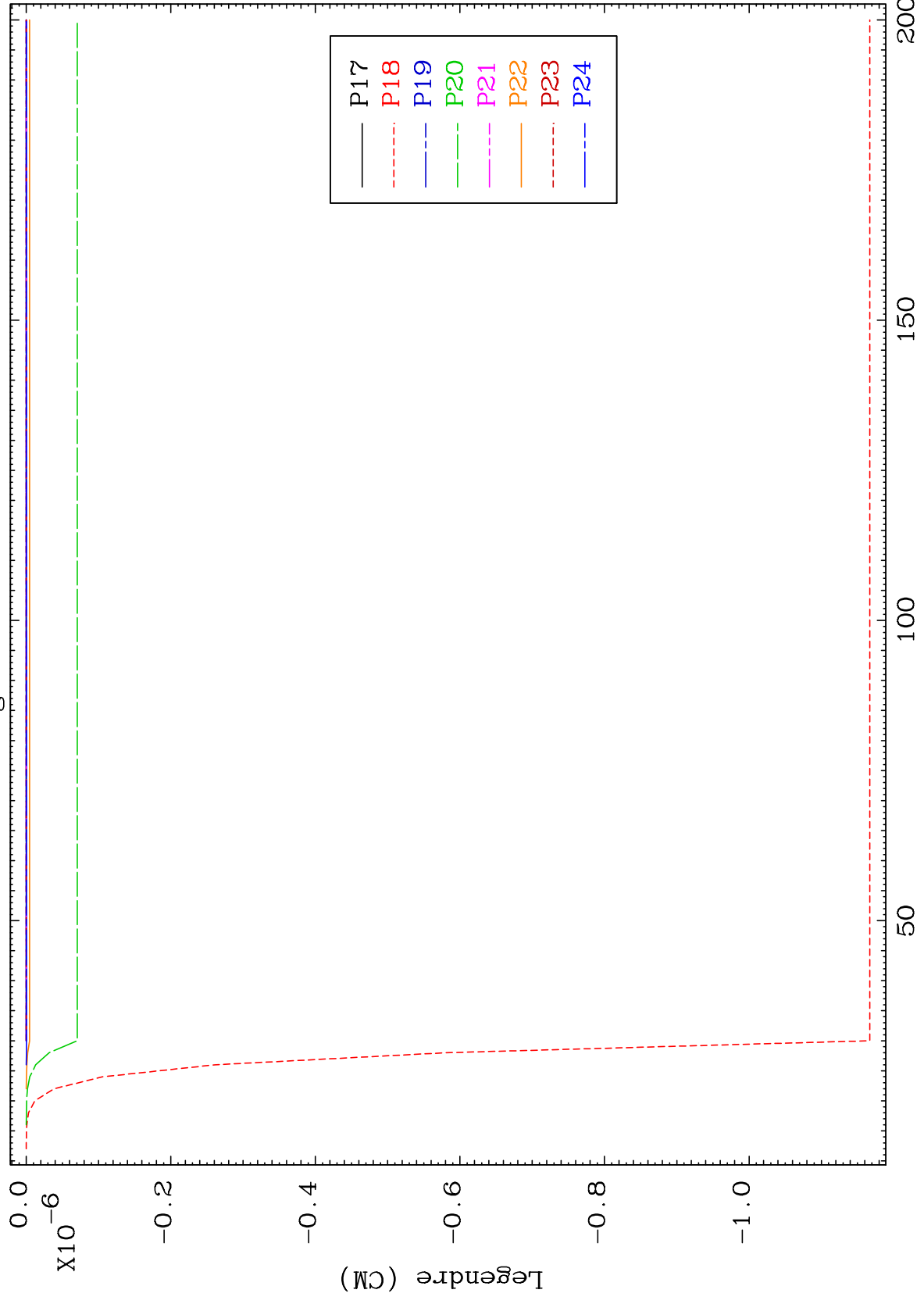
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

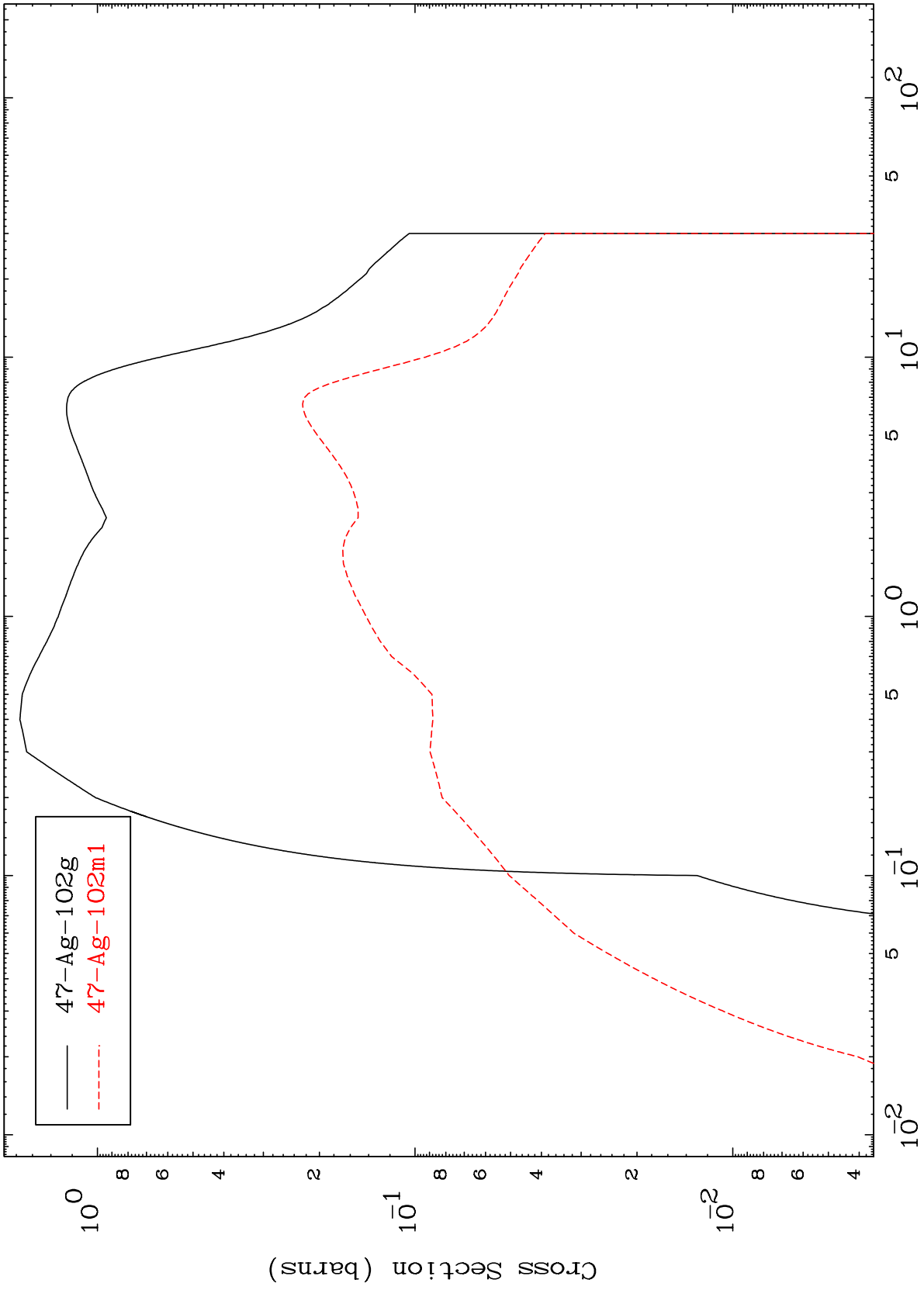
Incident Energy (MeV)

117

MAT 4710

Inelastic
Radionuclide Production Cross Section

47-Ag-102



118

Incident Energy (MeV)

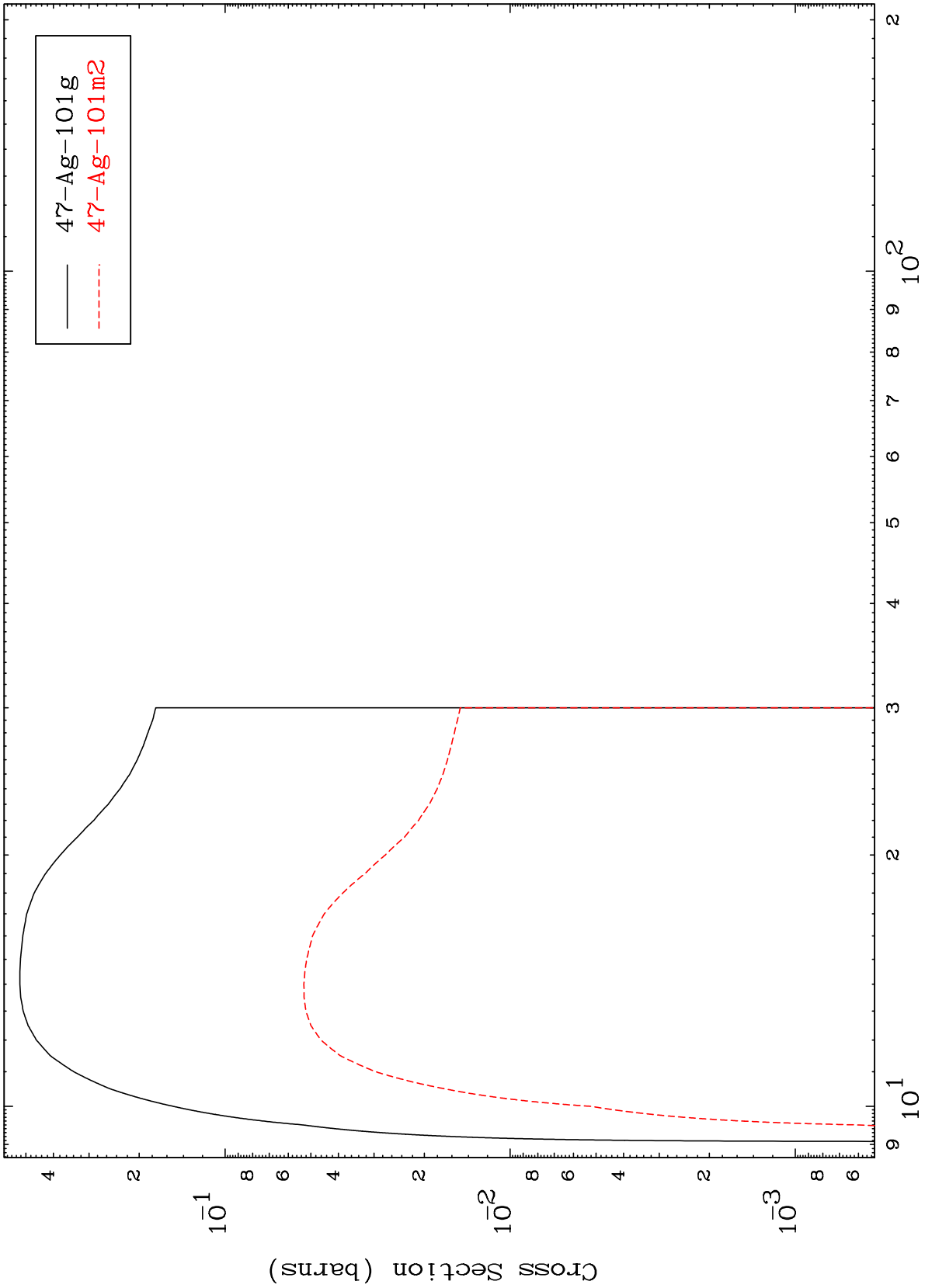
47-Ag-102

MAT 4710

(n,2n)

47-Ag-102

Radionuclide Production Cross Section



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

119

Incident Energy (MeV)

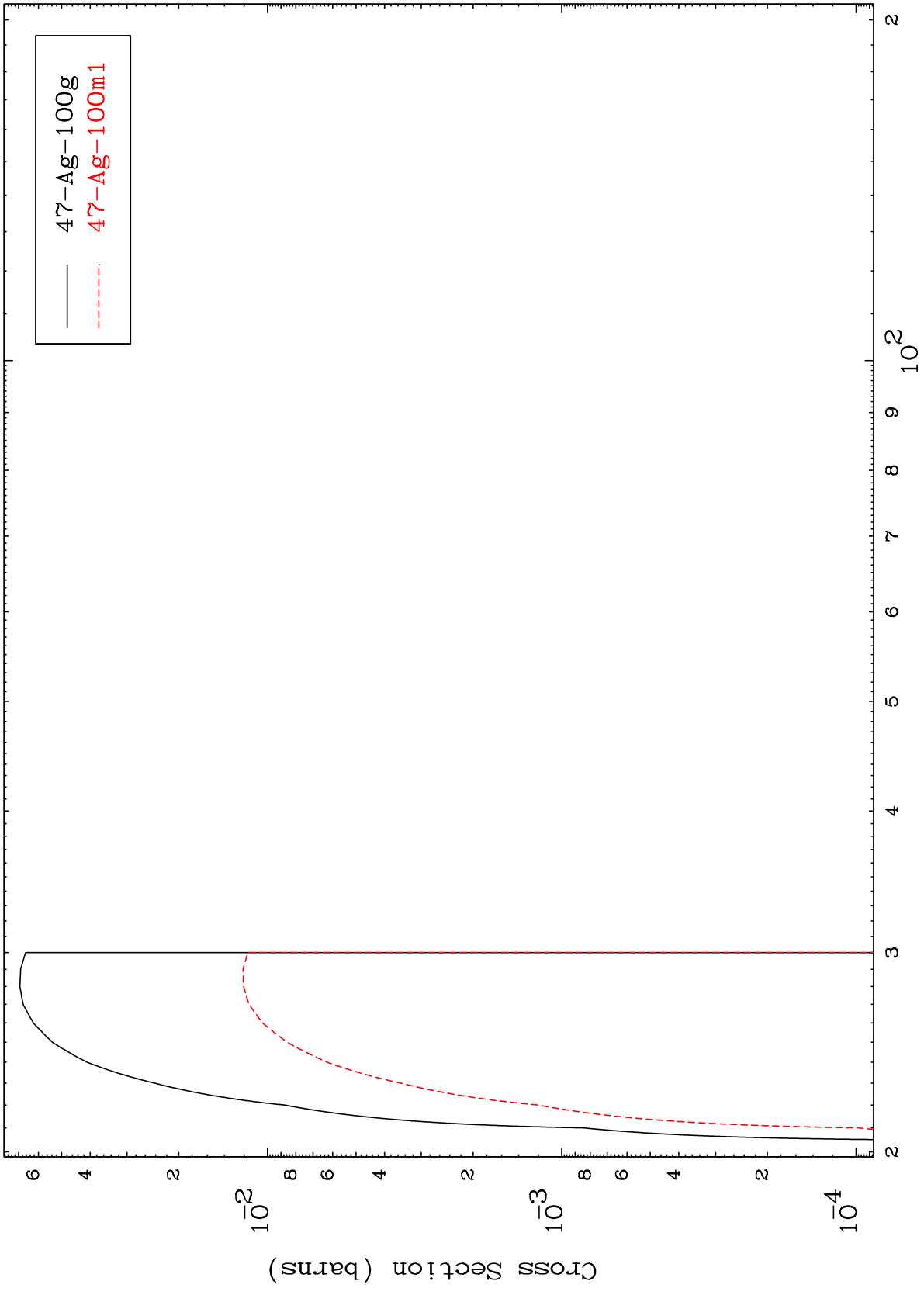
47-Ag-102

MAT 4710

(n,3n)

47-Ag-102

Radionuclide Production Cross Section



120

Incident Energy (MeV)

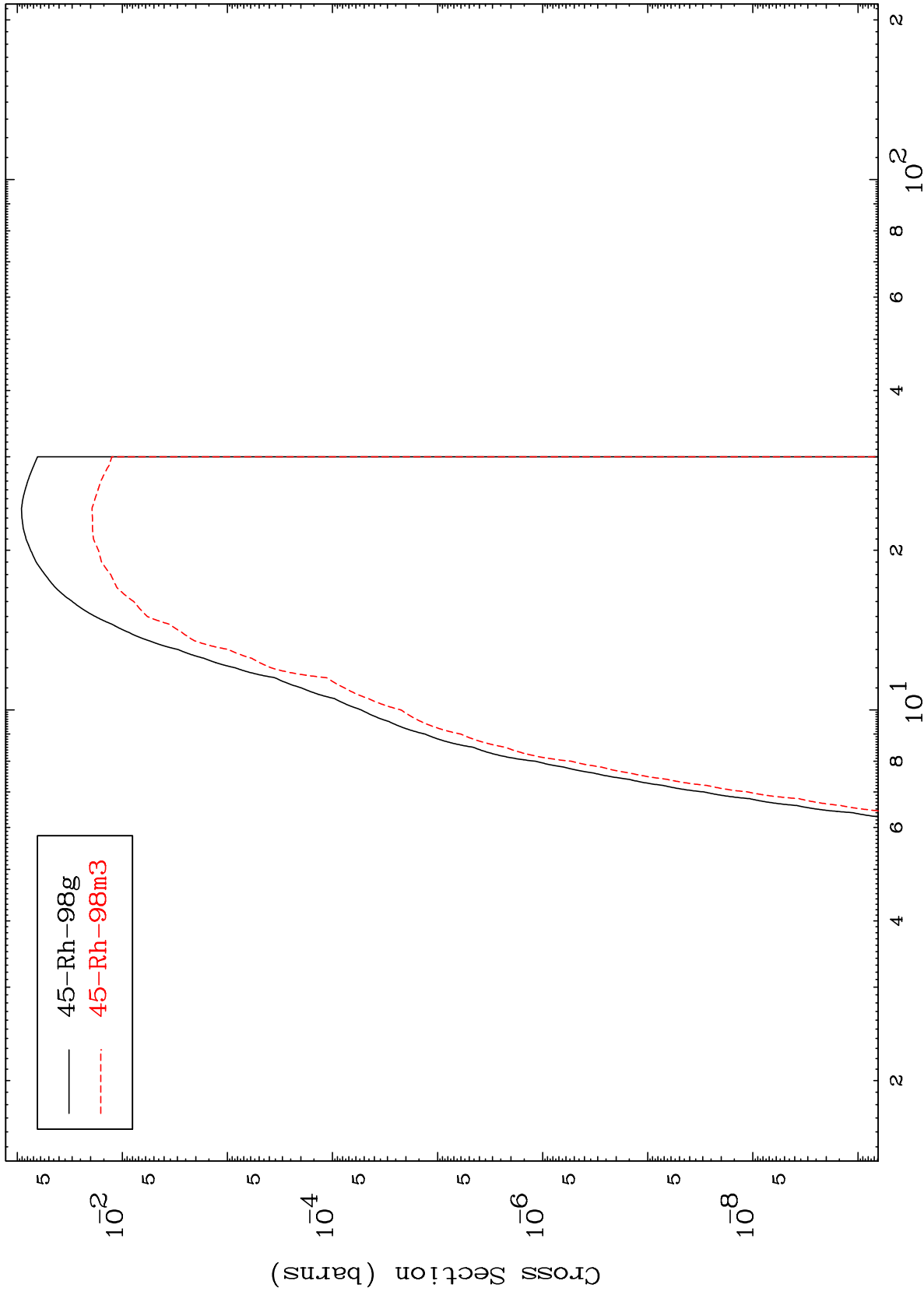
47-Ag-102

MAT 4710

(n,n') α

47-Ag-102

Radionuclide Production Cross Section



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

121

Incident Energy (MeV)

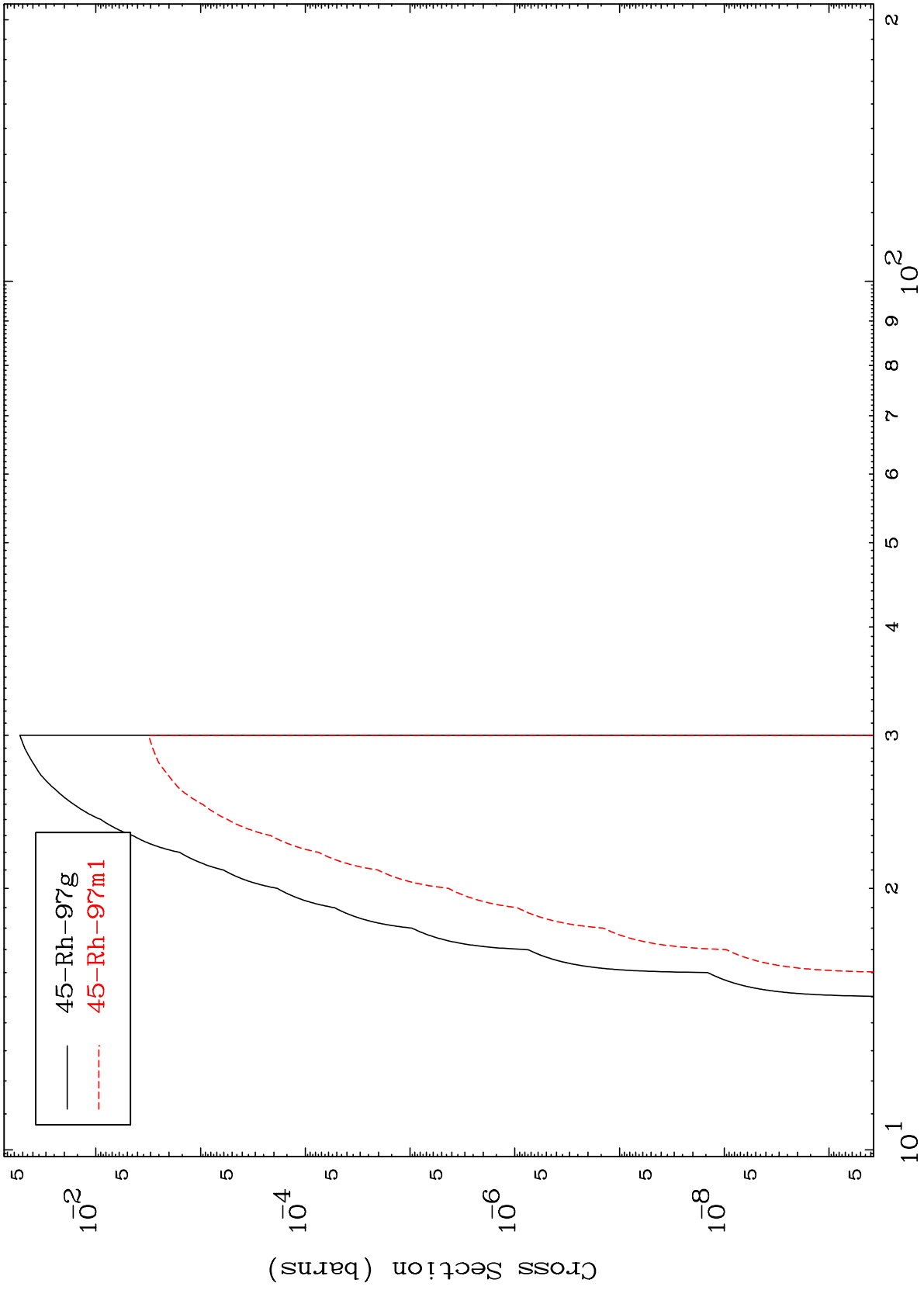
47-Ag-102

MAT 4710

(n,2n) α

47-Ag-102

Radionuclide Production Cross Section



122

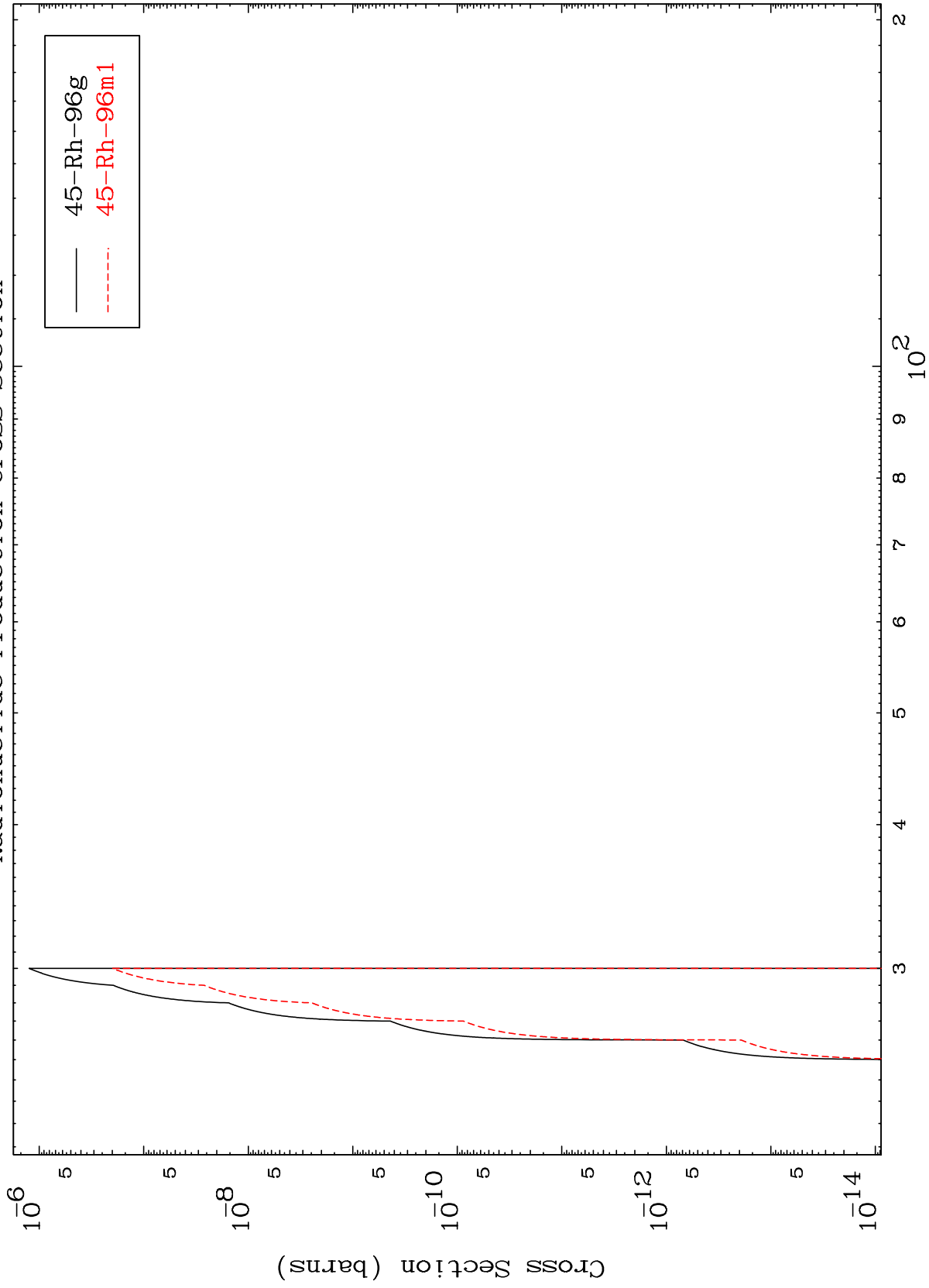
47-Ag-102

MAT 4710

(n,3n) α

47-Ag-102

Radionuclide Production Cross Section



123

Incident Energy (MeV)

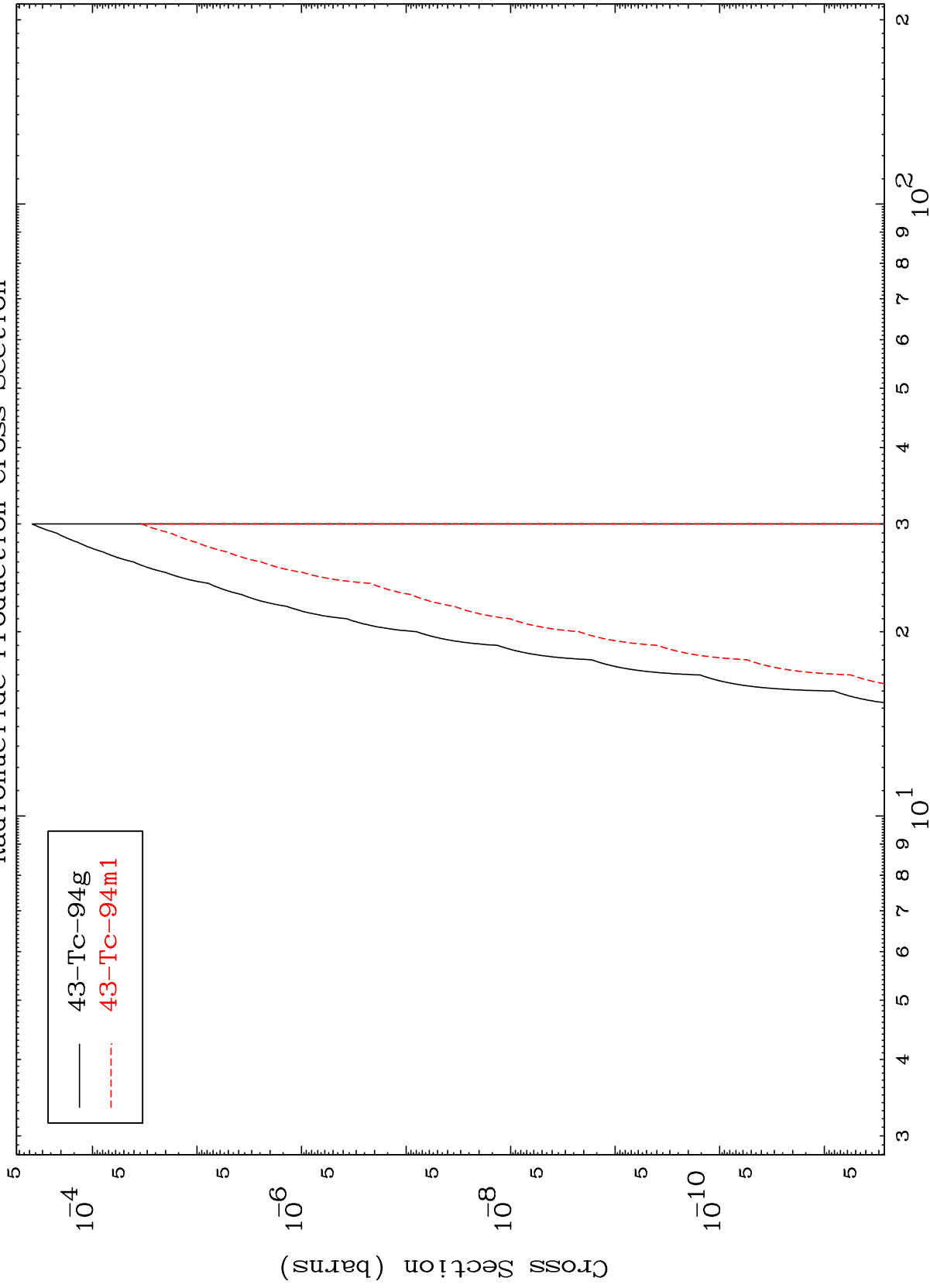
47-Ag-102

MAT 4710

(n,n') 2α

47-Ag-102

Radionuclide Production Cross Section



124

Incident Energy (MeV)

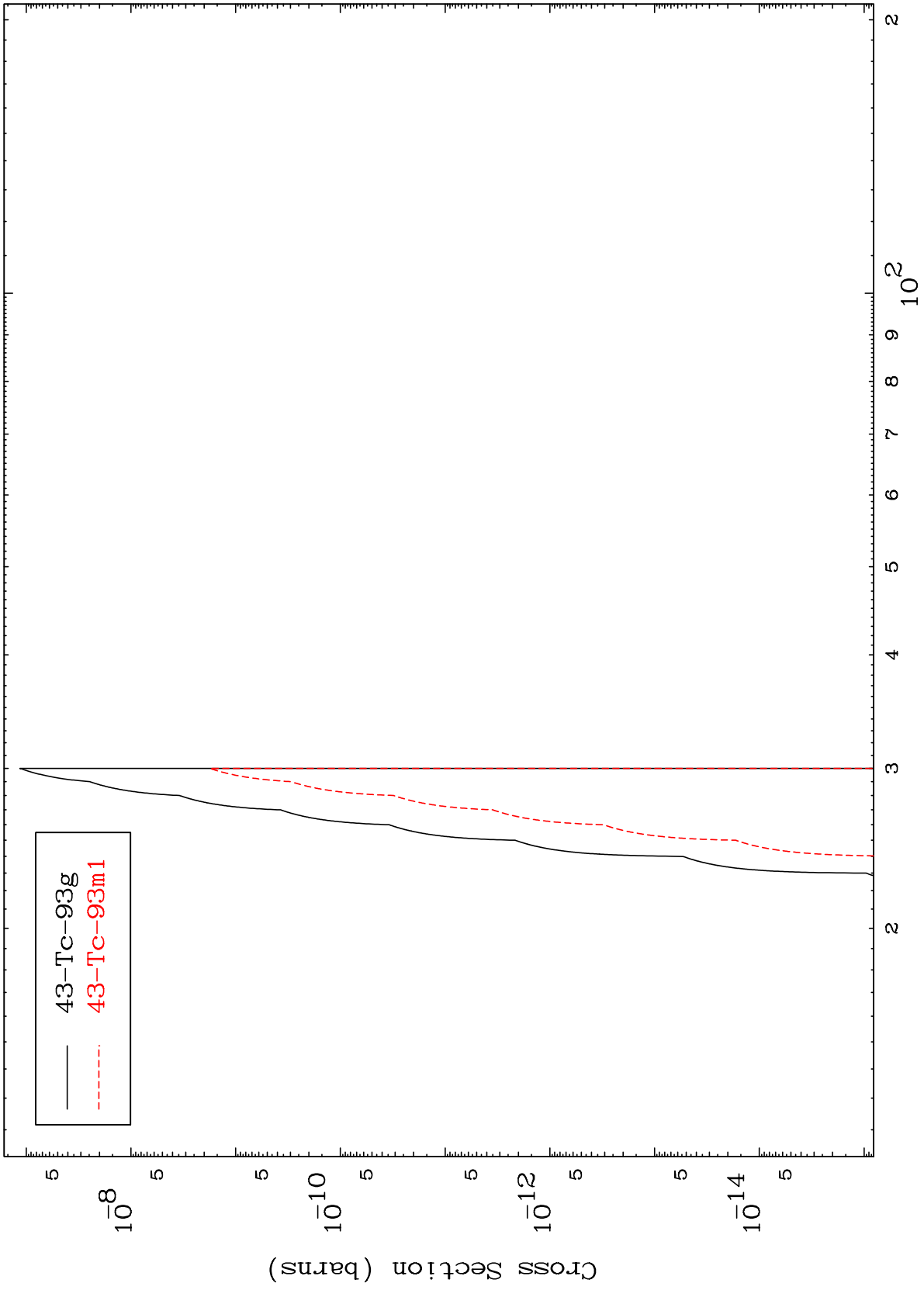
47-Ag-102

MAT 4710

(n,2n) 2 α

47-Ag-102

Radionuclide Production Cross Section



125

Incident Energy (MeV)

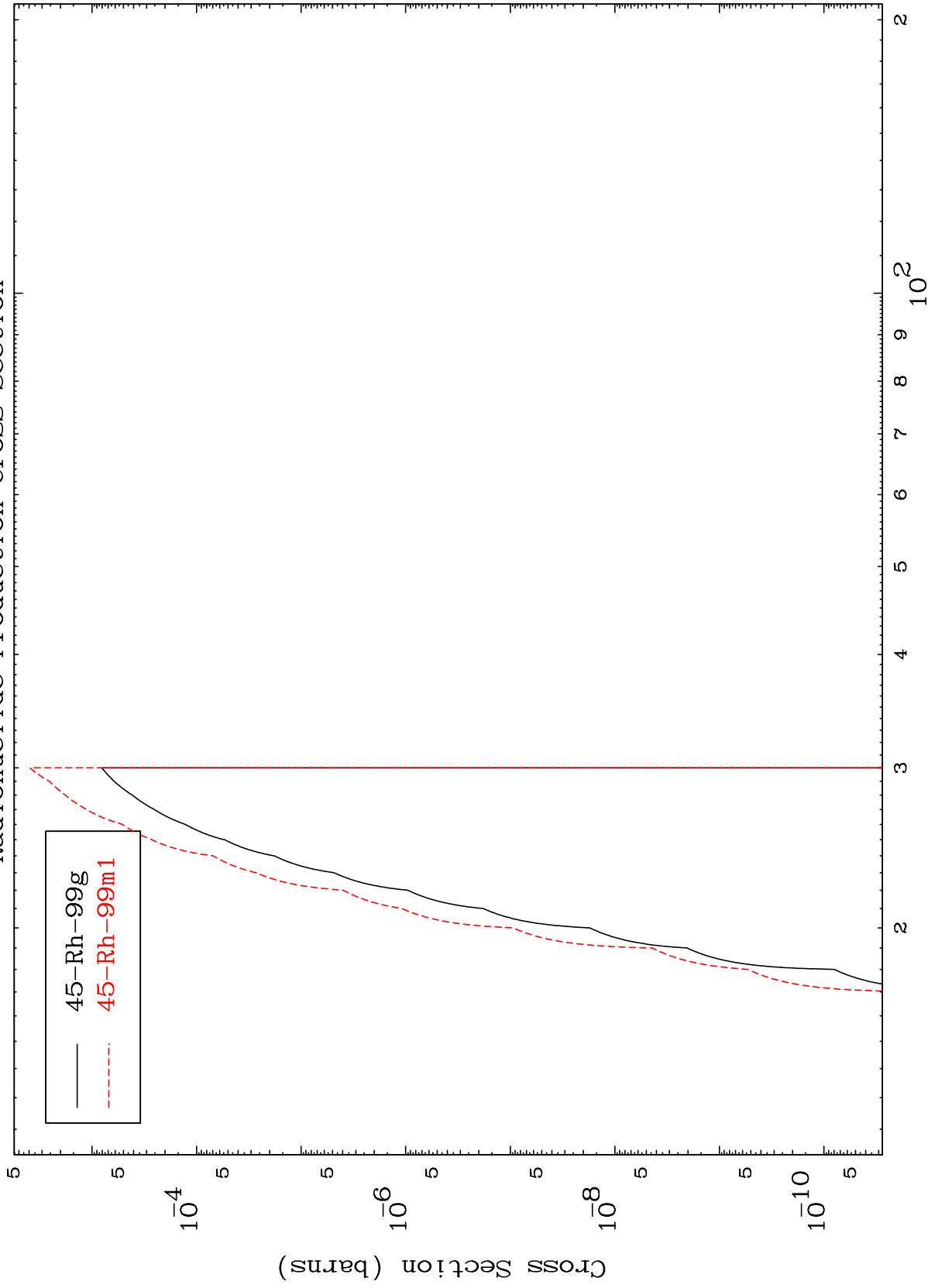
47-Ag-102

MAT 4710

(n, n') He-3

47-Ag-102

Radionuclide Production Cross Section



126

Incident Energy (MeV)

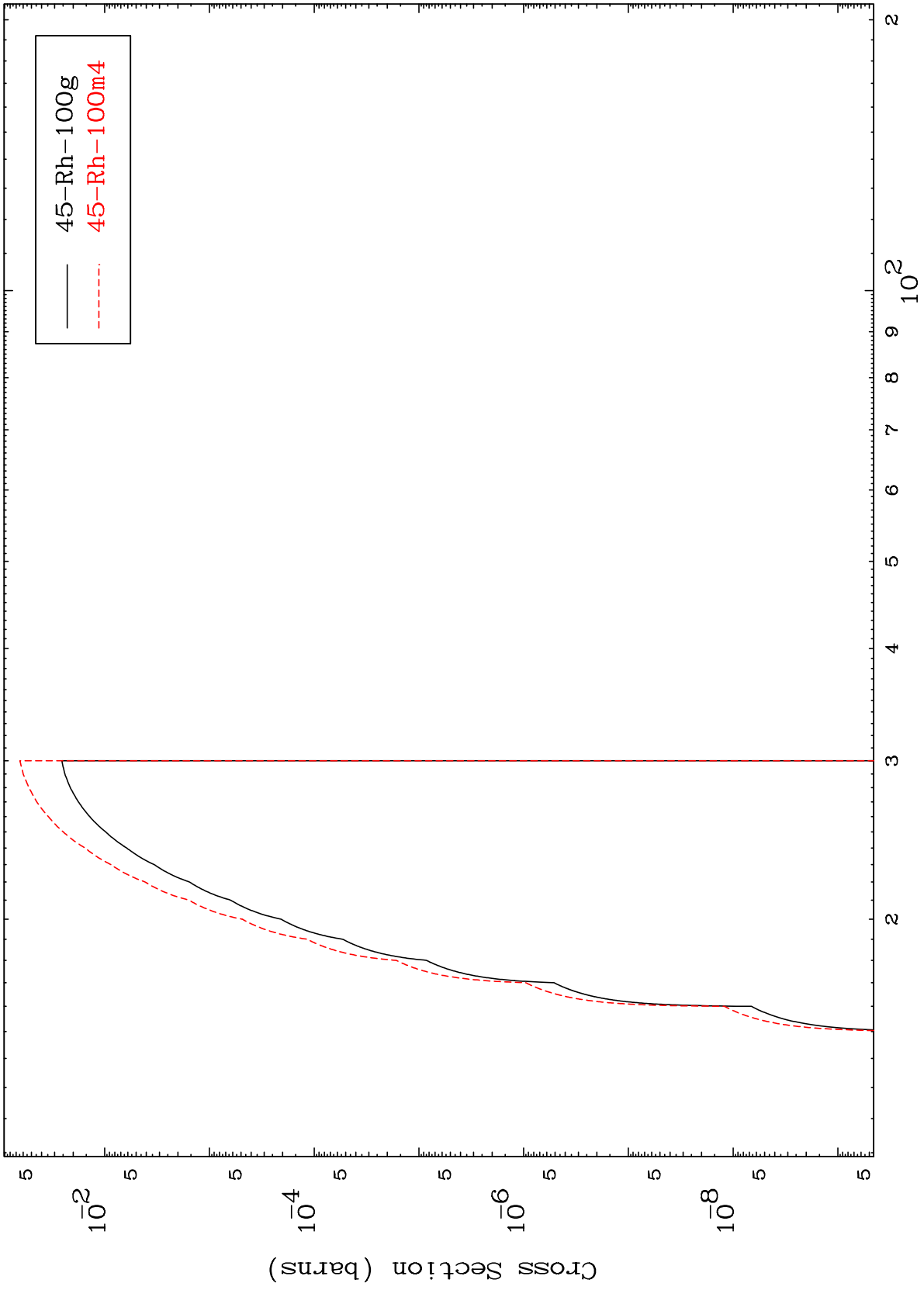
47-Ag-102

MAT 4710

(n,2n) p

47-Ag-102

Radionuclide Production Cross Section



127

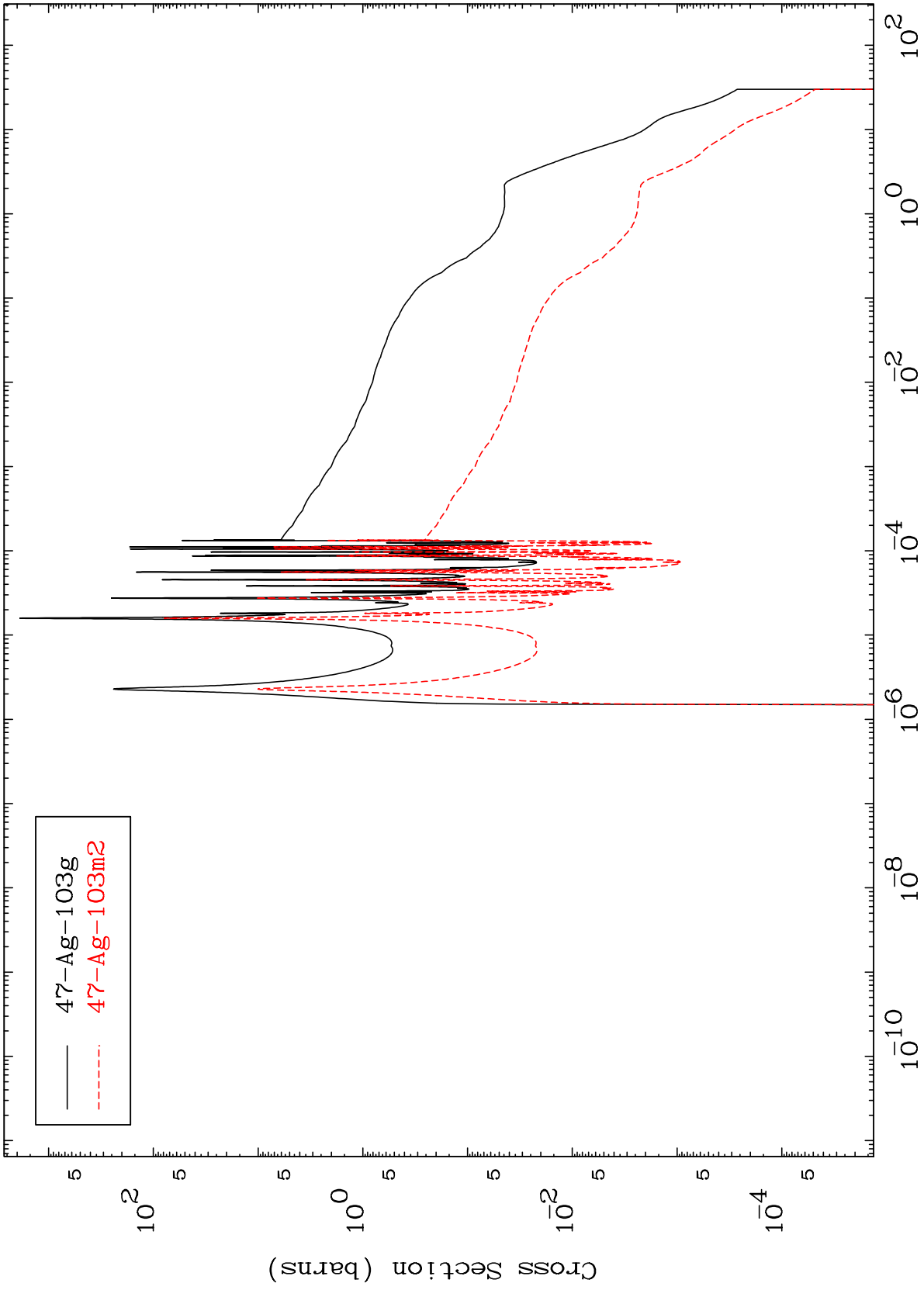
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

Radionuclide Production Cross Section (n,γ)

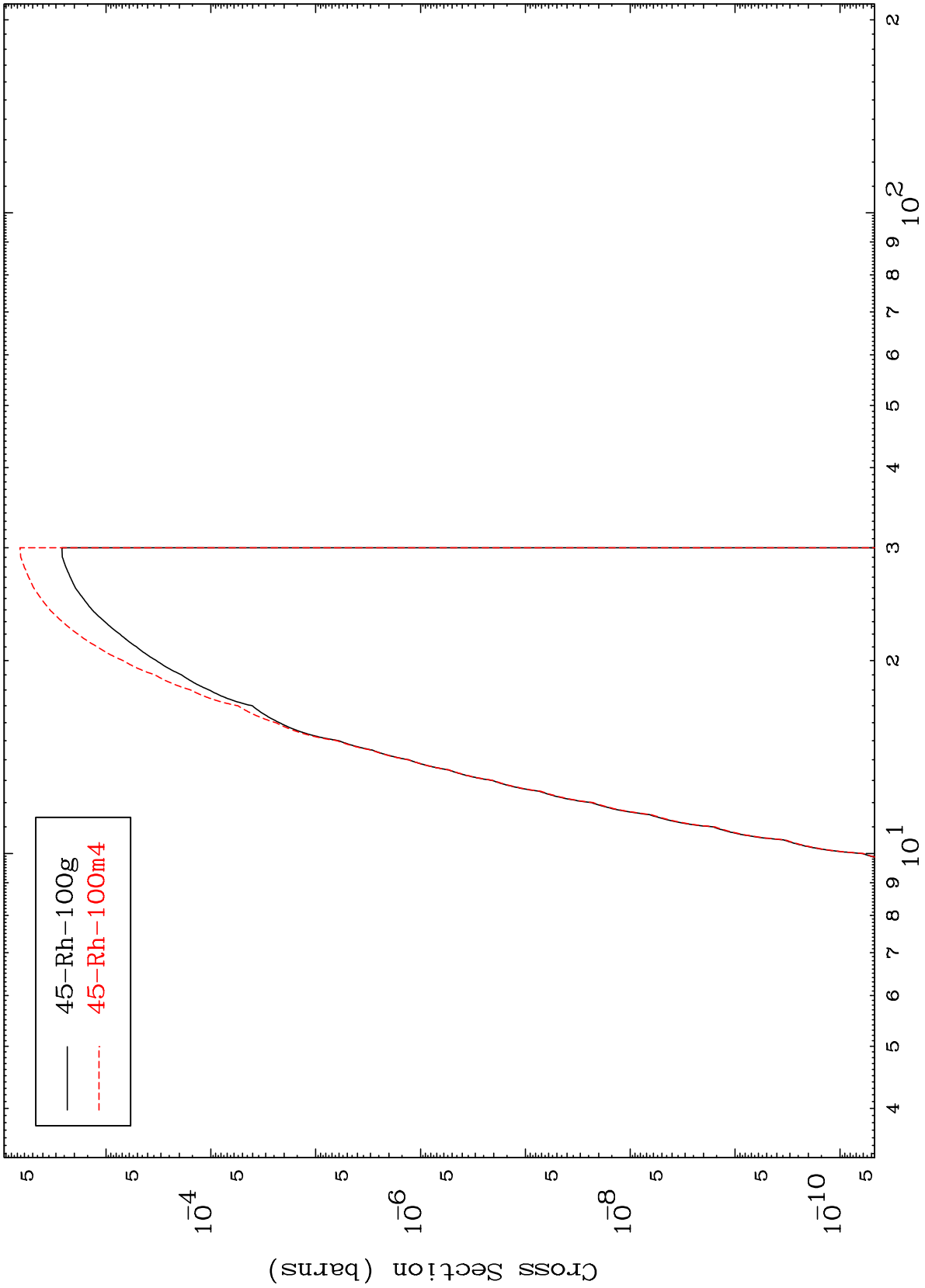


MAT 4710

(n, He-3)

47-Ag-102

Radionuclide Production Cross Section



45-Rh-100g
45-Rh-100m4

129

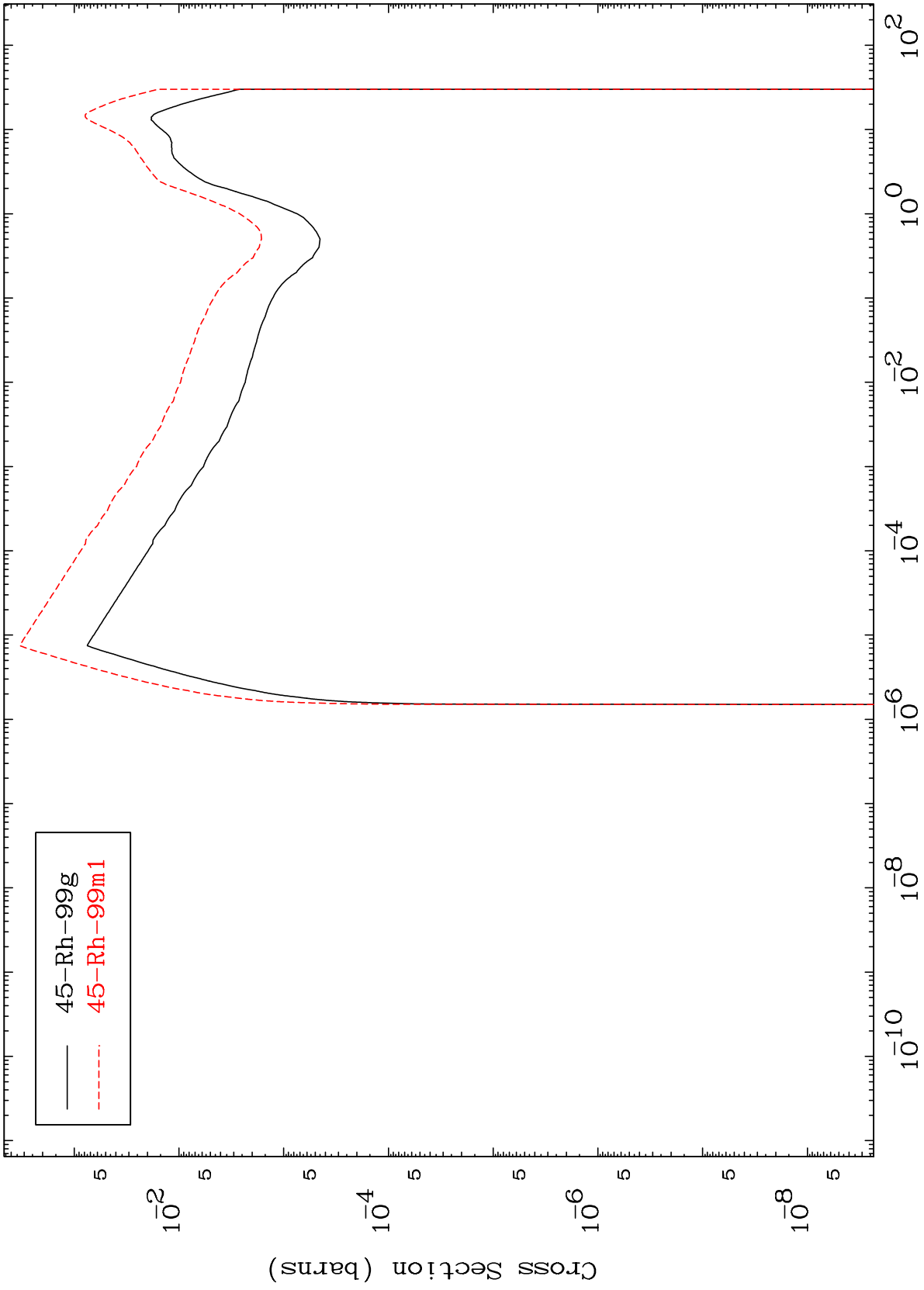
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

Radionuclide Production Cross Section



130

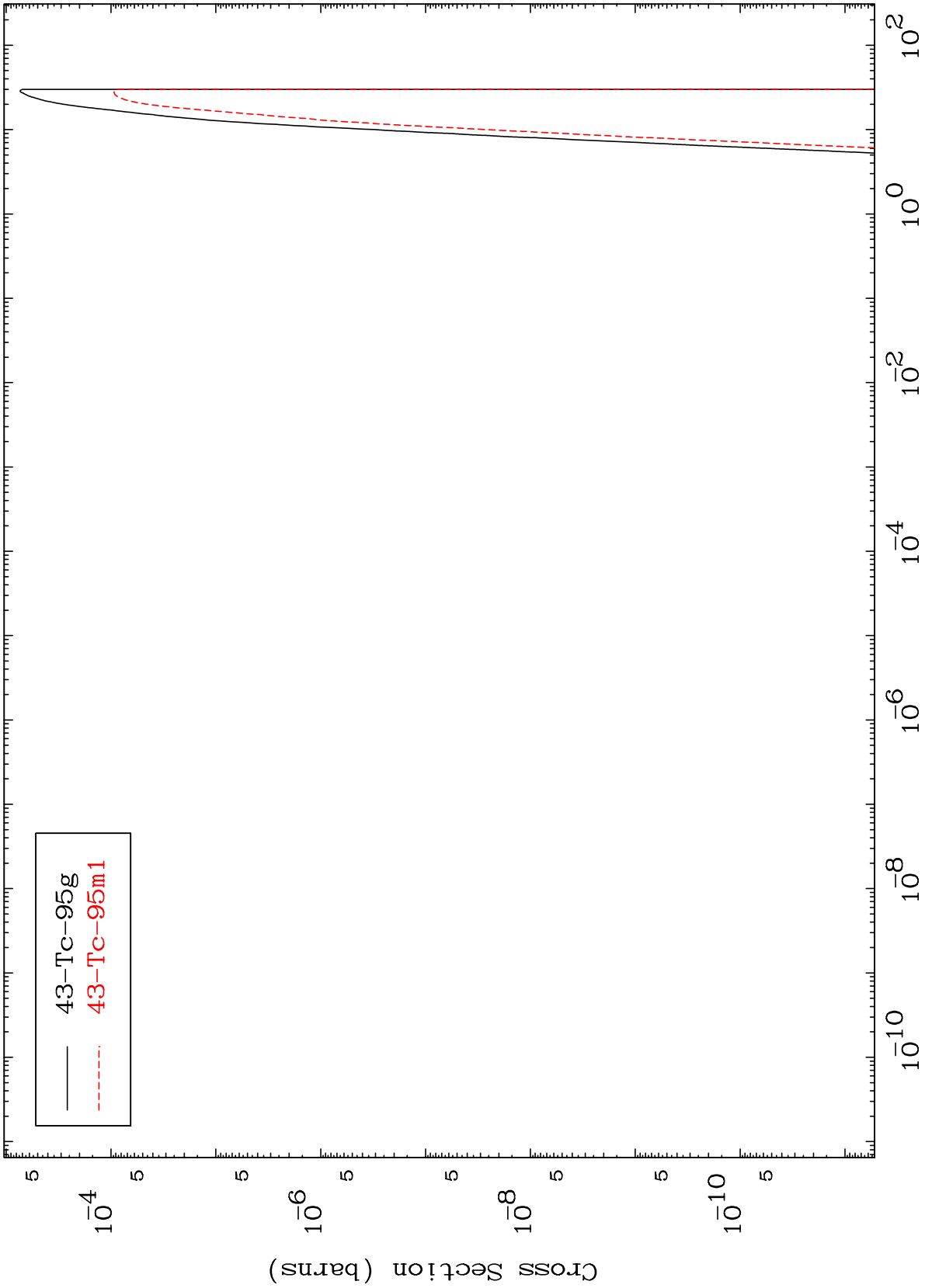
47-Ag-102

MAT 4710

(n,2α)

47-Ag-102

Radionuclide Production Cross Section



131

Incident Energy (MeV)

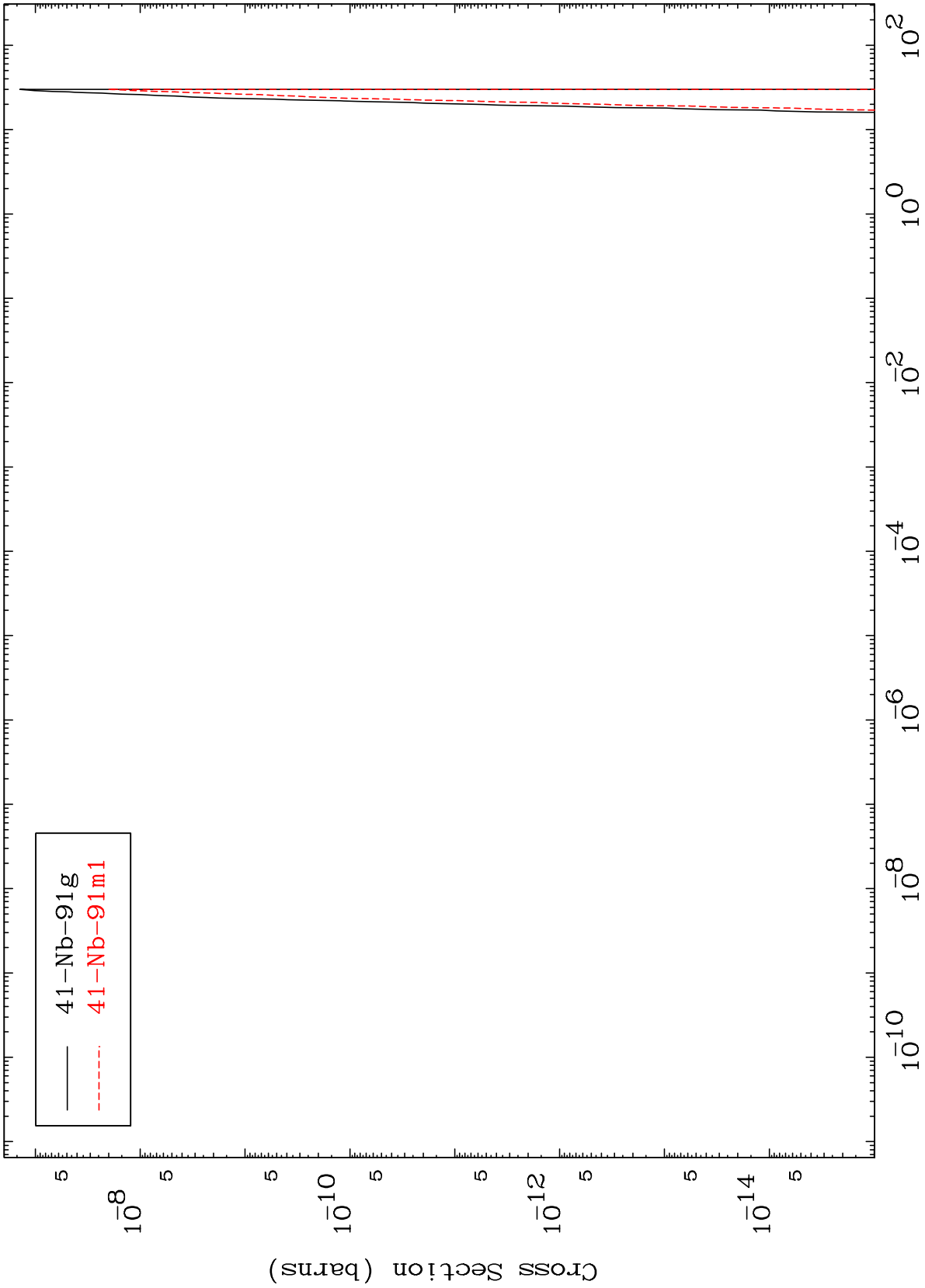
47-Ag-102

MAT 4710

(n,3α)

47-Ag-102

Radionuclide Production Cross Section

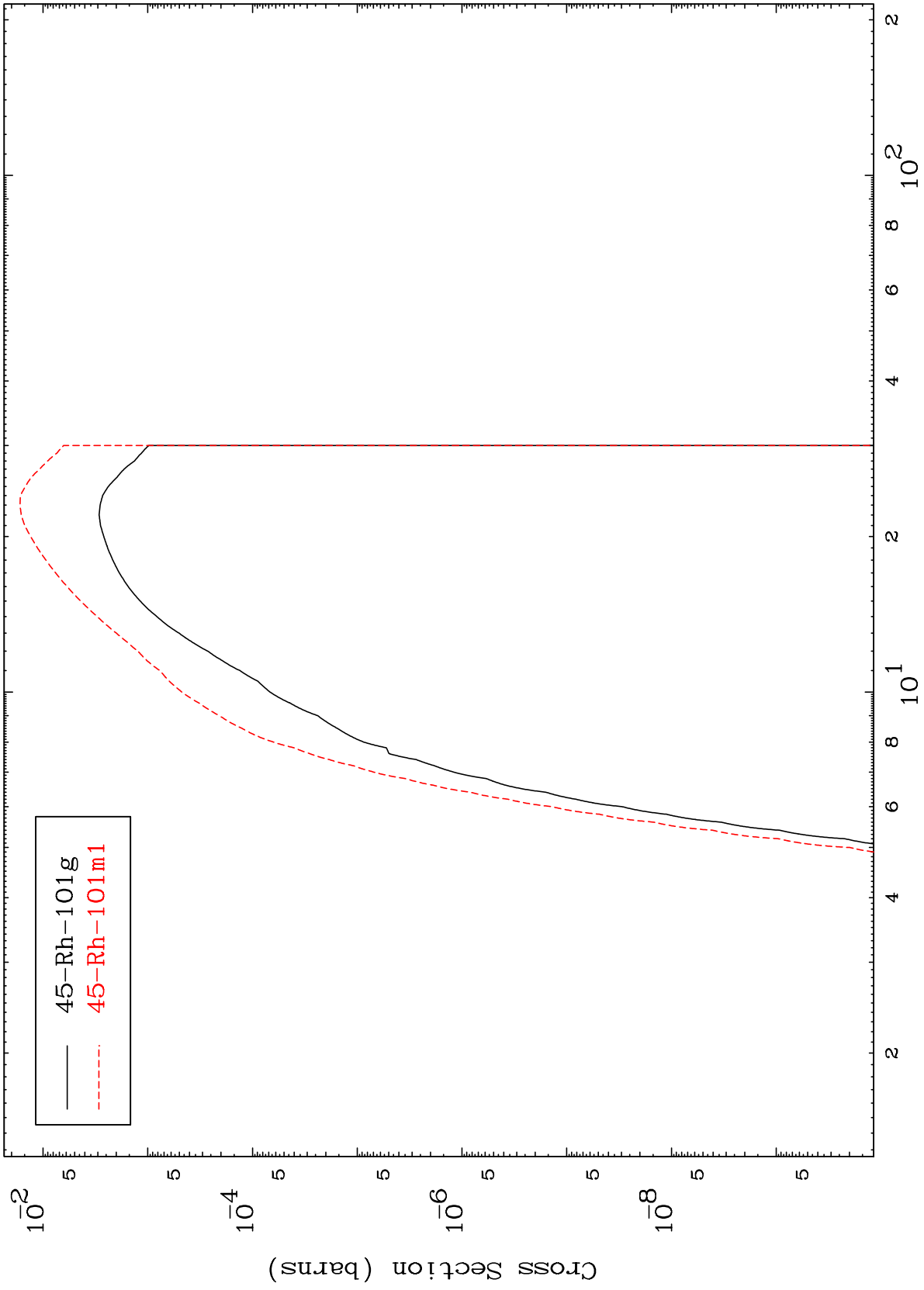


— 41-Nb-91g
- - - 41-Nb-91m1

MAT 4710

47-Ag-102

(n,2p)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

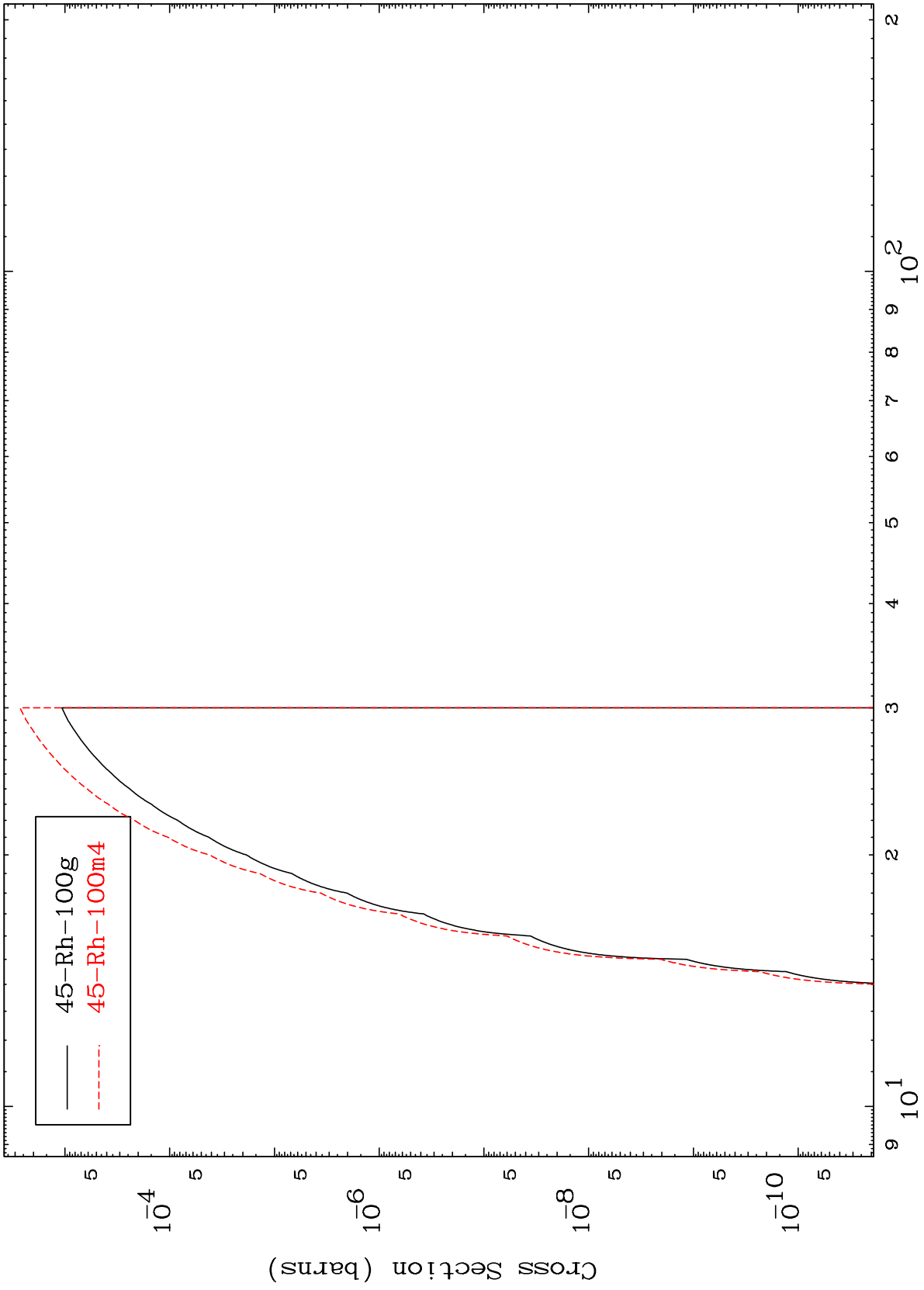
47-Ag-102

MAT 4710

(n,p) d

47-Ag-102

Radionuclide Production Cross Section



134

Incident Energy (MeV)

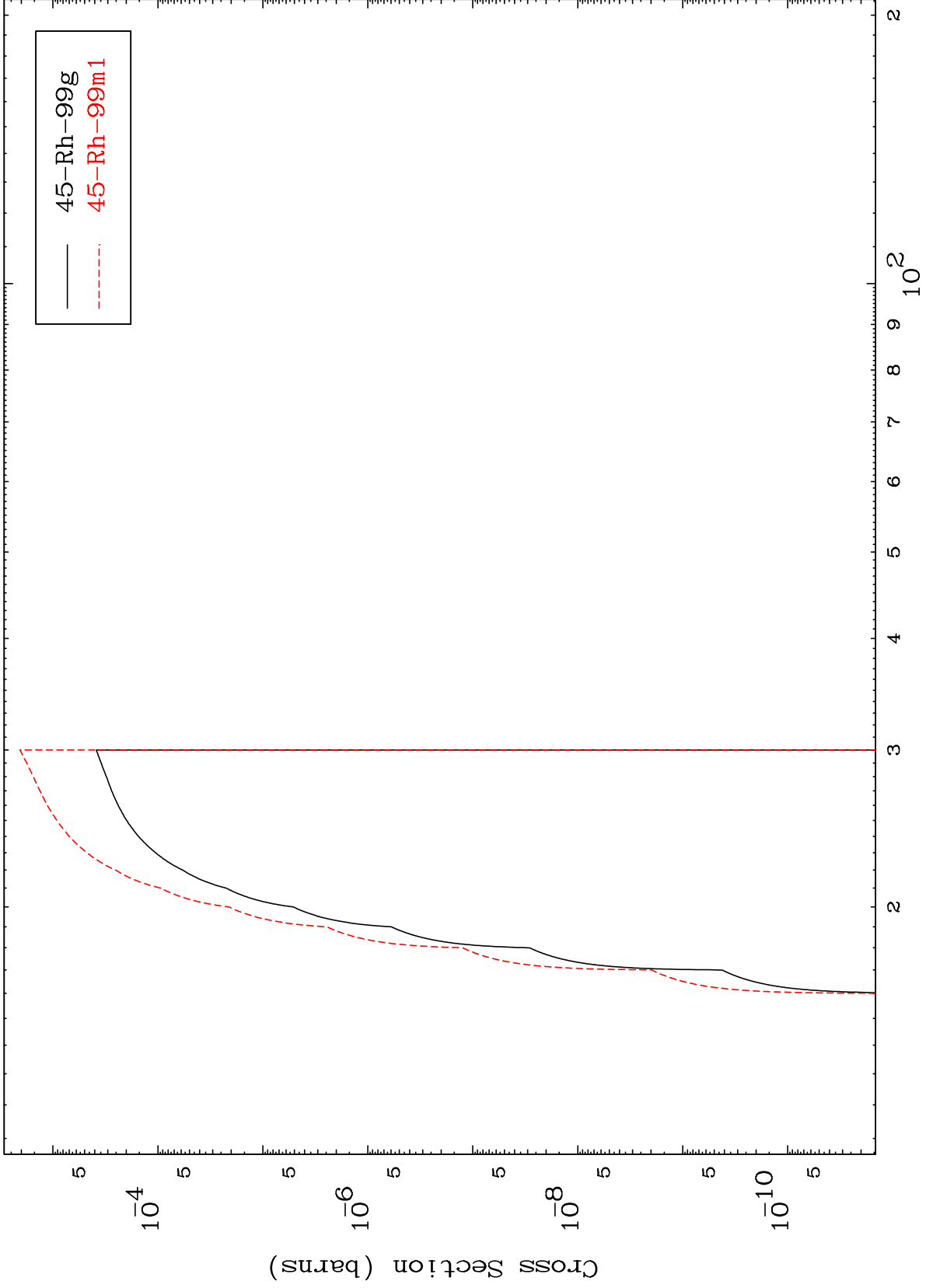
47-Ag-102

MAT 4710

(n,p) t

47-Ag-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

47-Ag-102