

Program EVALPLOT
(Version 2018-1)

by

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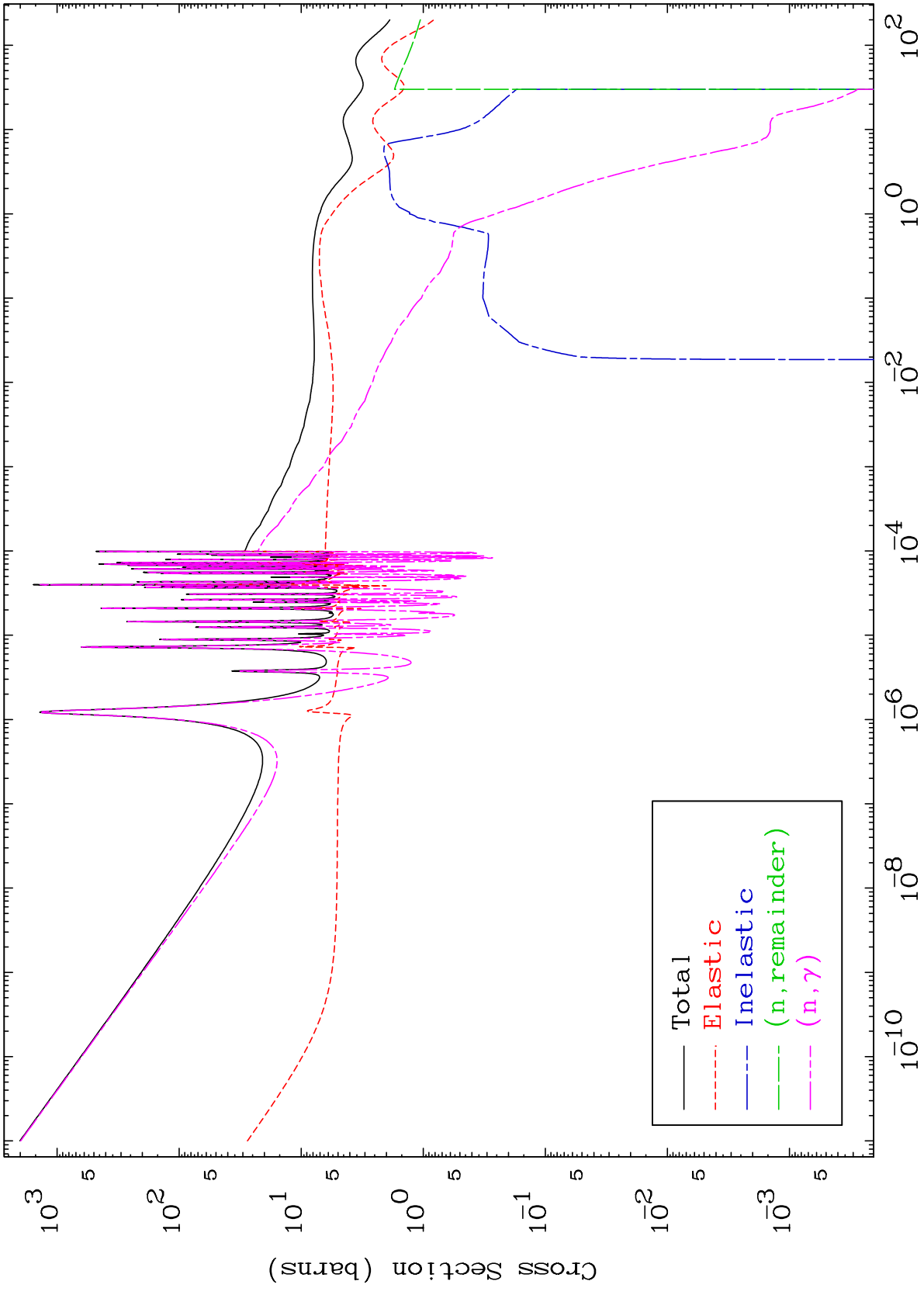
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4740

Major
293 Kelvin Cross Sections

47-Ag-112



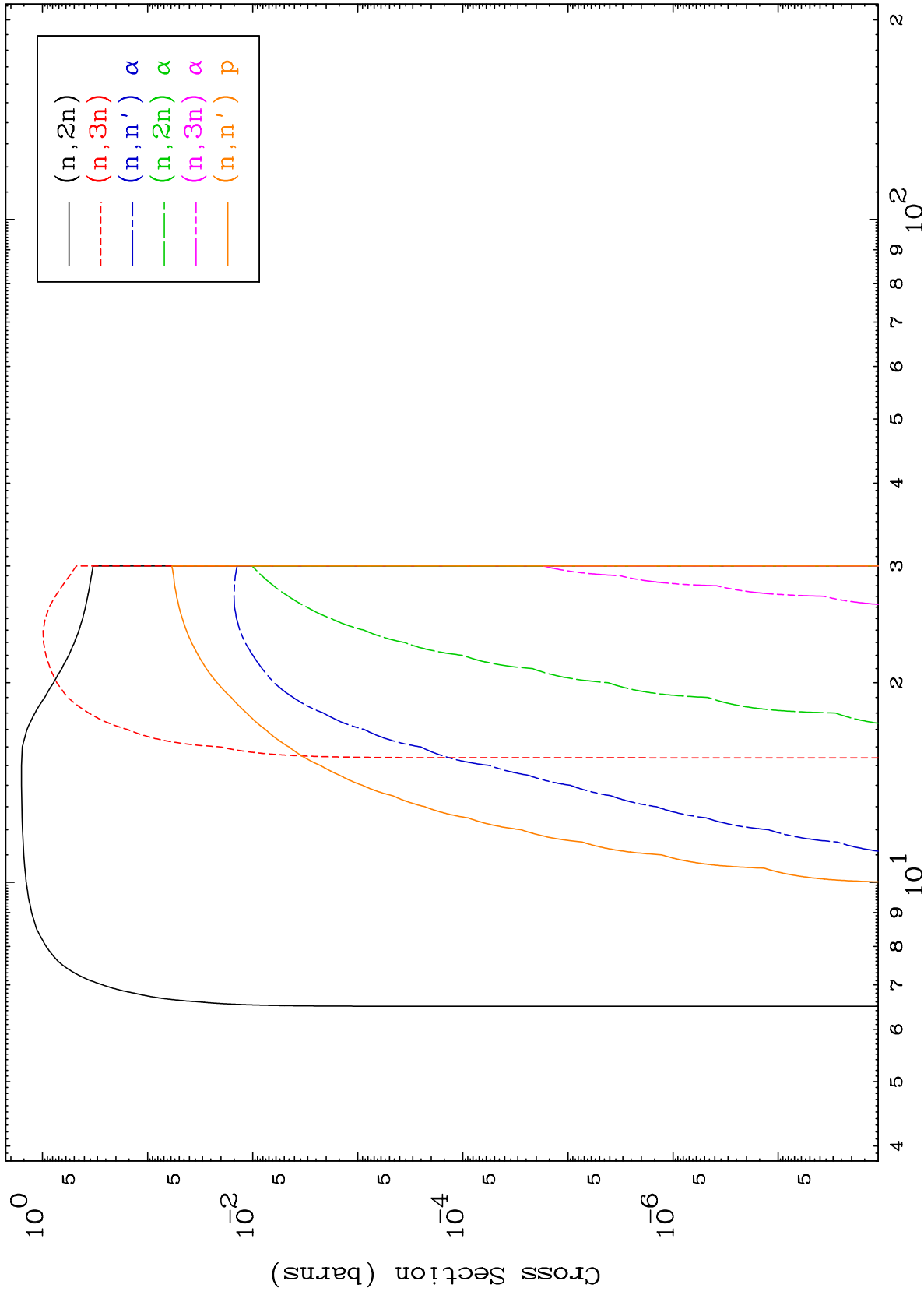
47-Ag-112

Incident Energy (MeV)

MAT 4740

Neutron Production
293 Kelvin Cross Sections

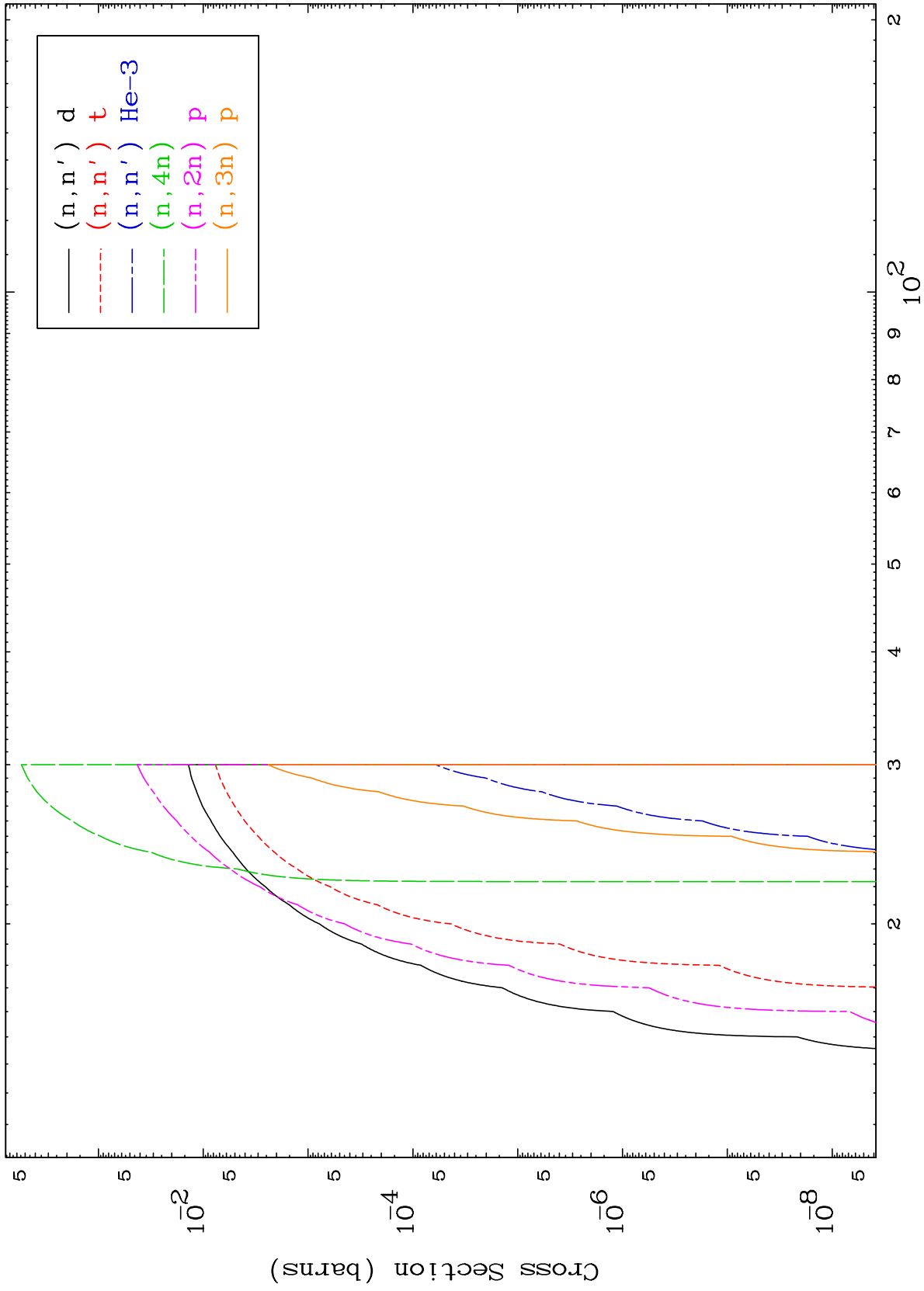
47-Ag-112



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Incident Energy (MeV)

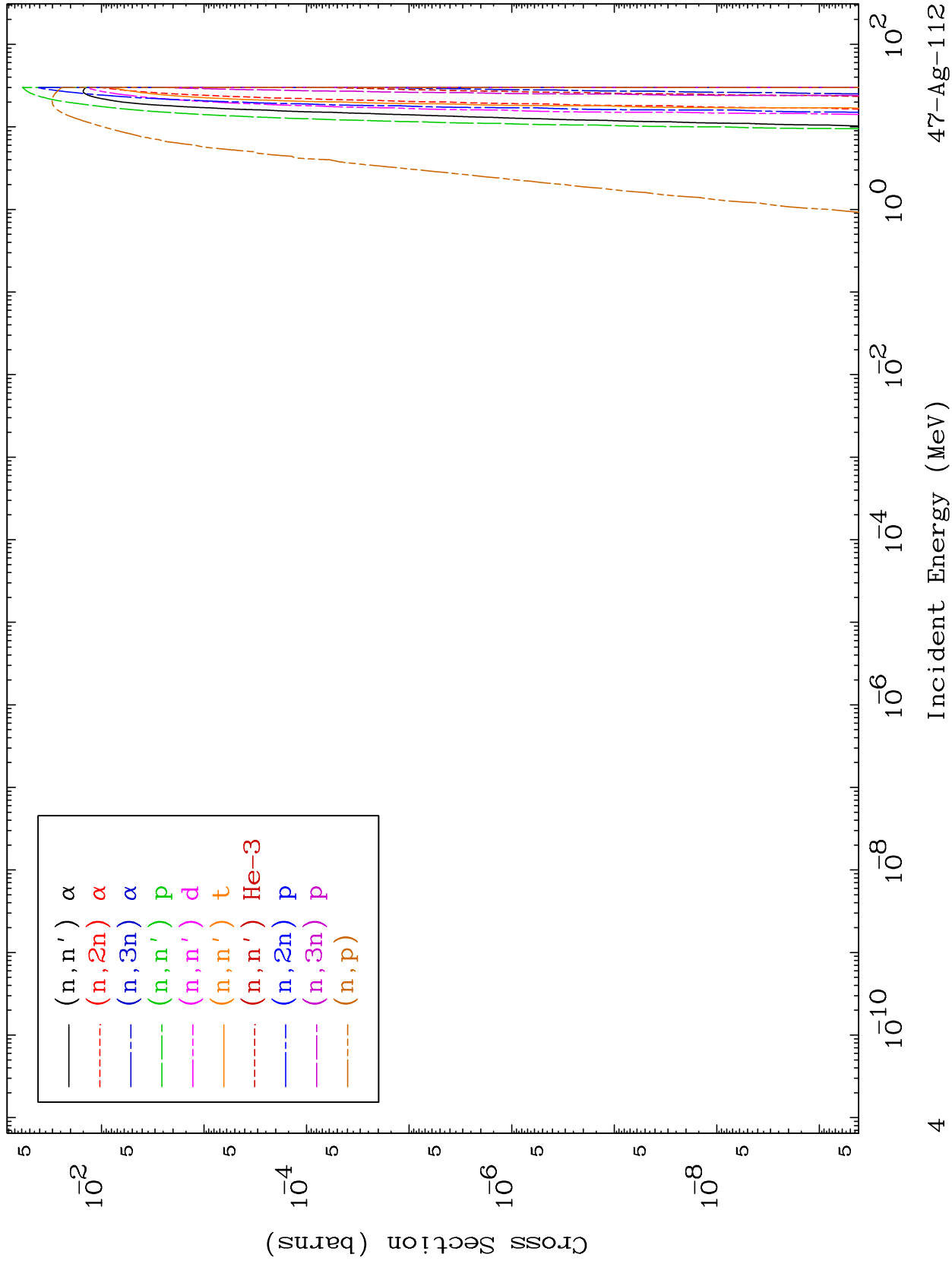
47-Ag-112

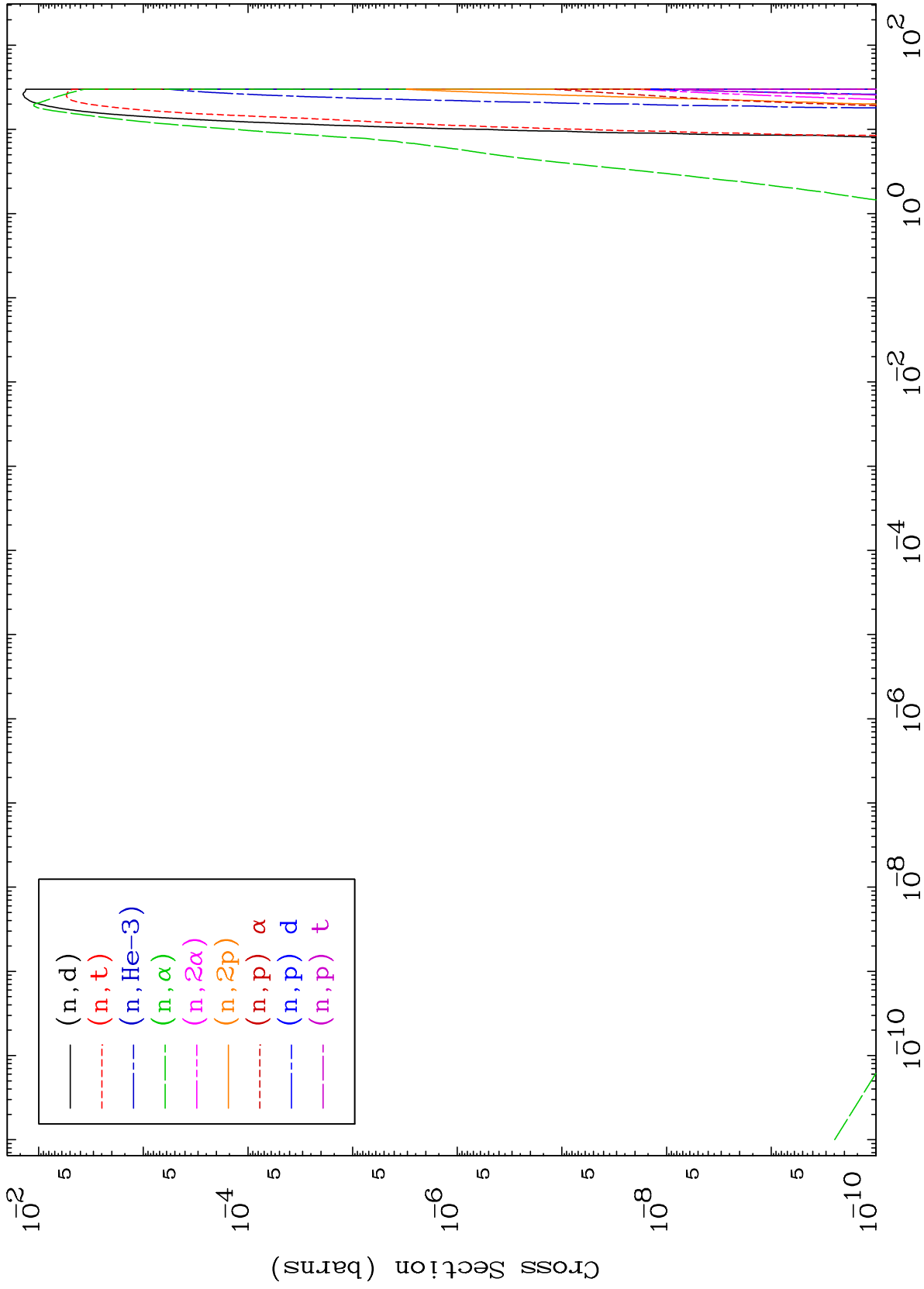


MAT 4740

Charged Particle
293 Kelvin Cross Sections

47-Ag-112

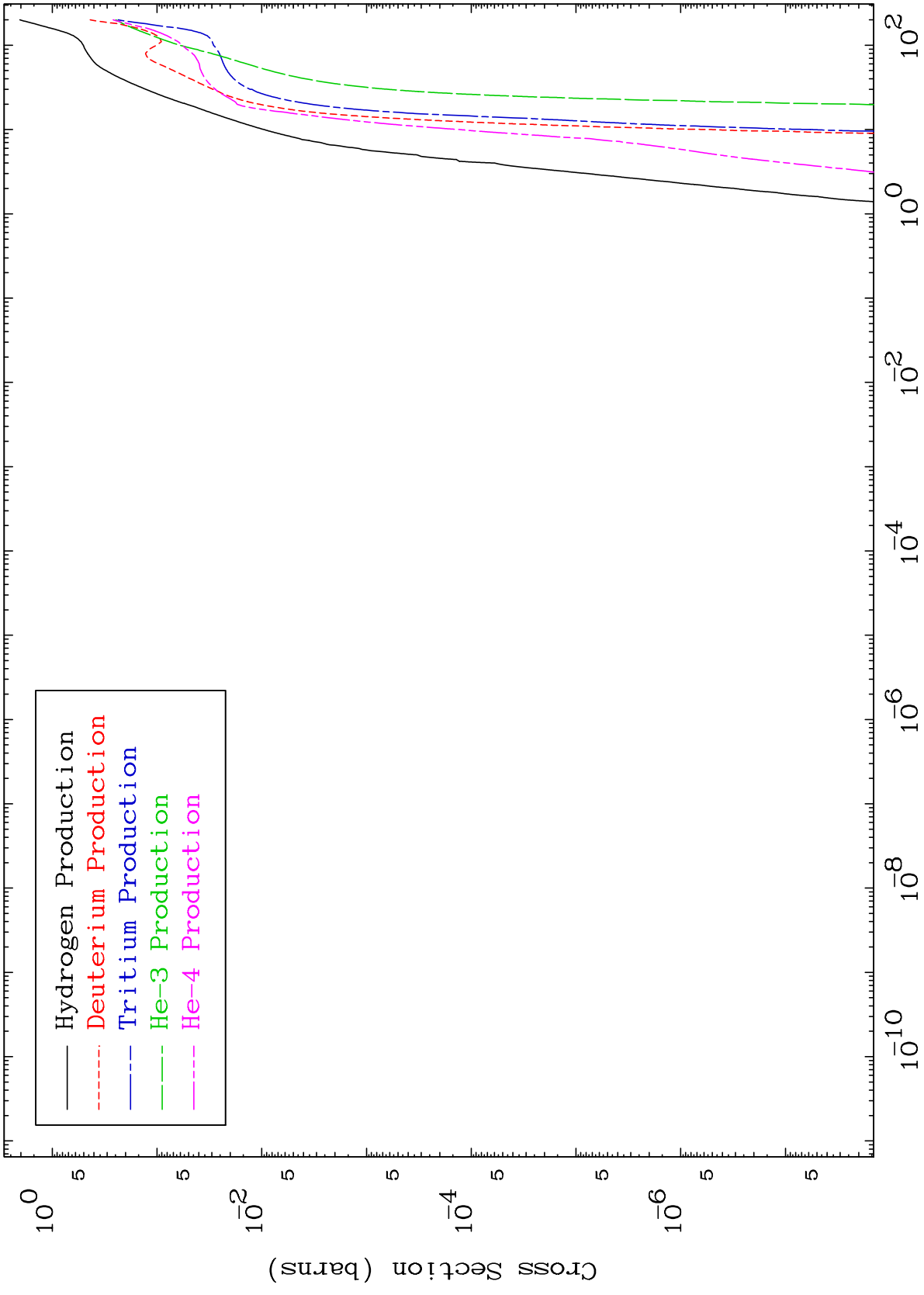




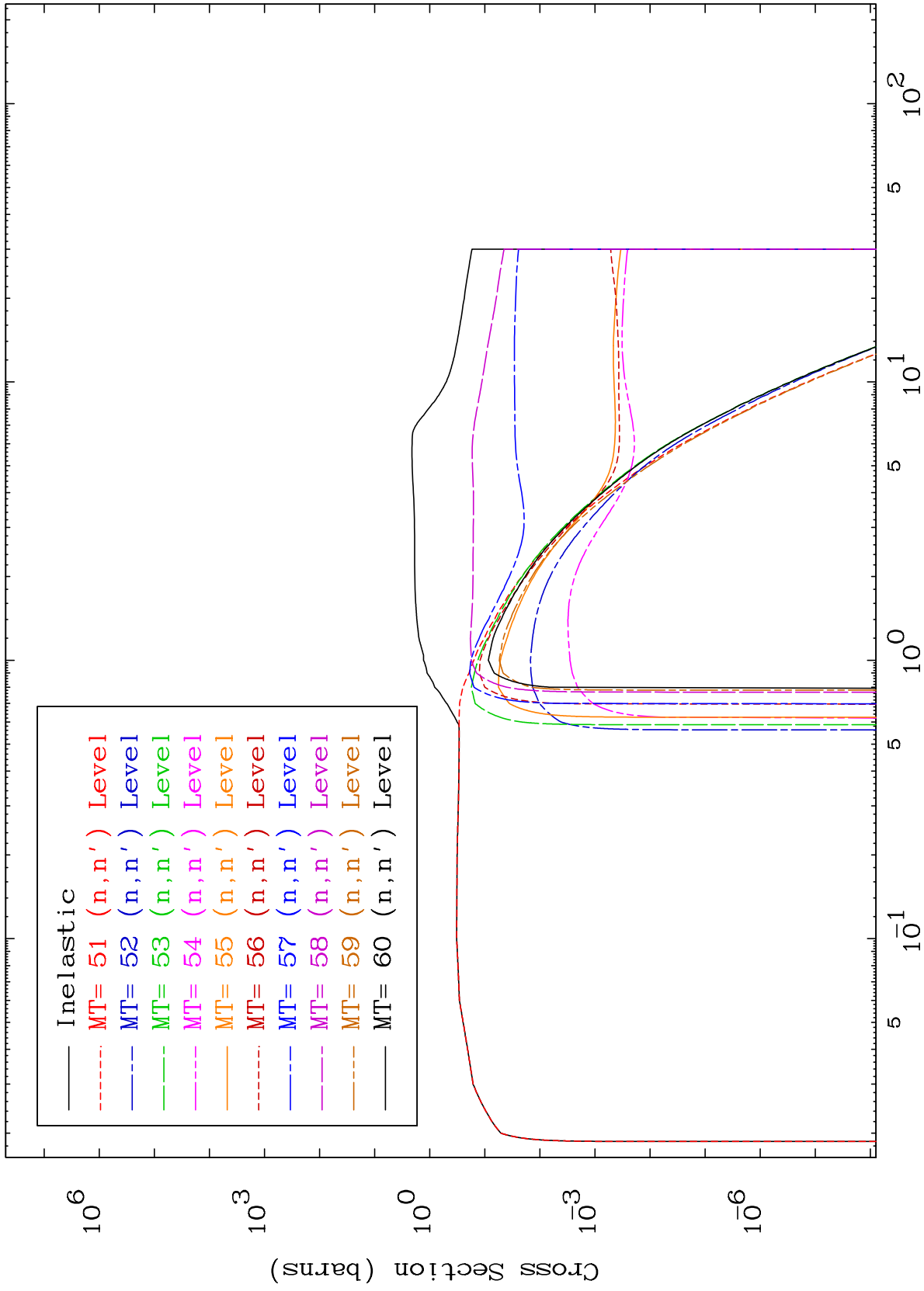
MAT 4740

Particle Production
293 Kelvin Cross Sections

47-Ag-112



47-Ag-112

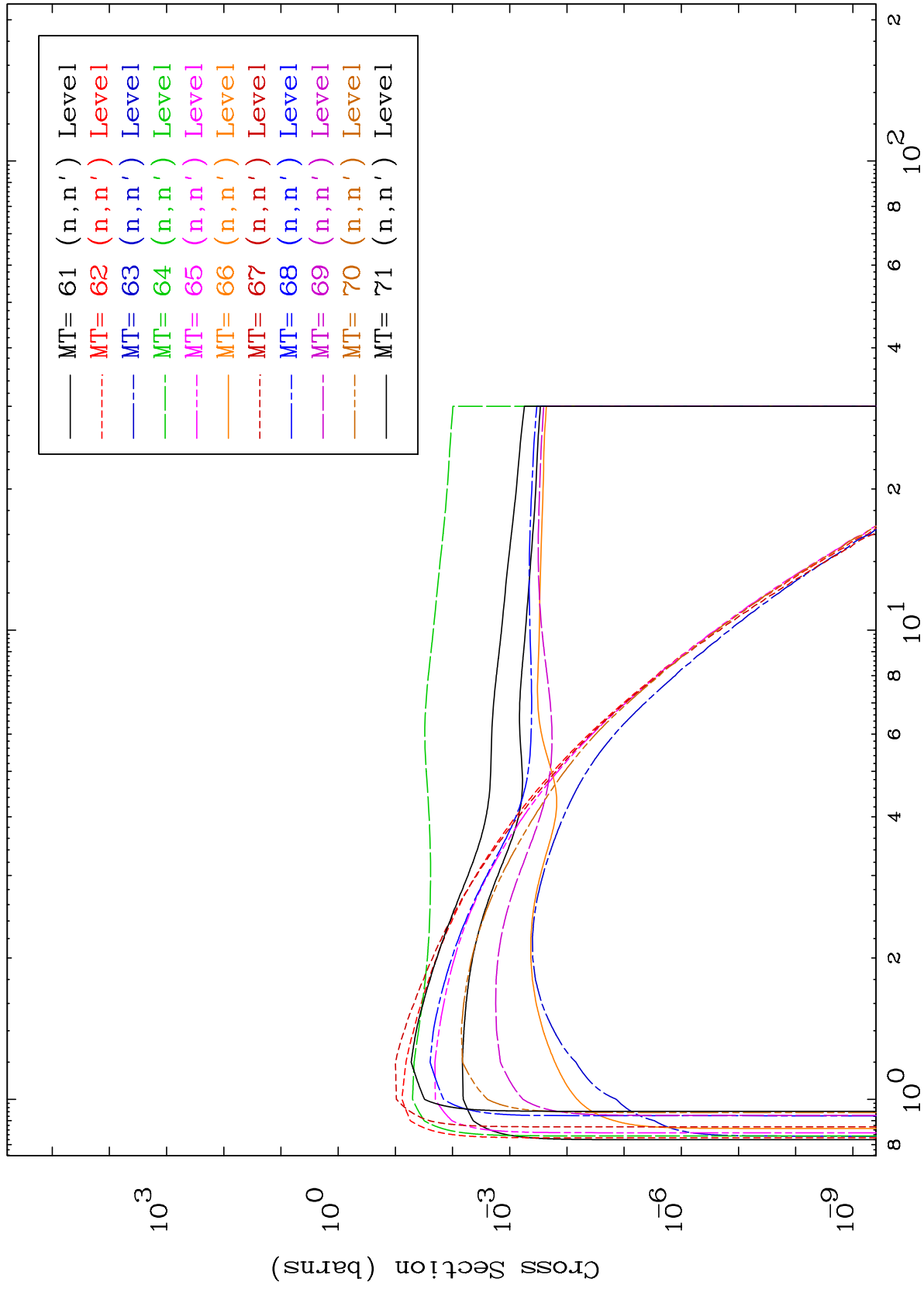


MAT 4740

(n,n') Level

47-Ag-112

293 Kelvin Cross Sections



8

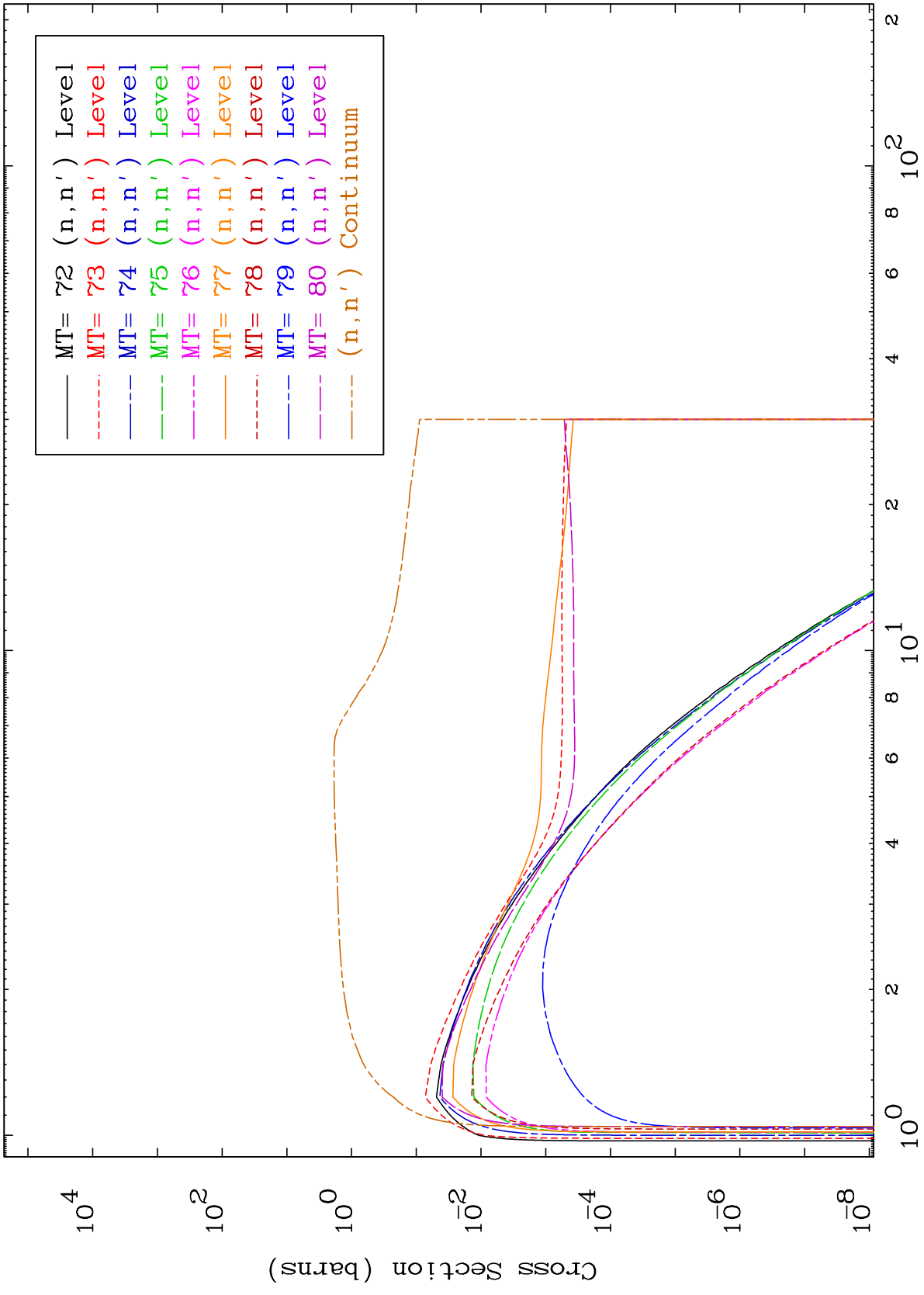
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,n') Level
293 Kelvin Cross Sections

47-Ag-112



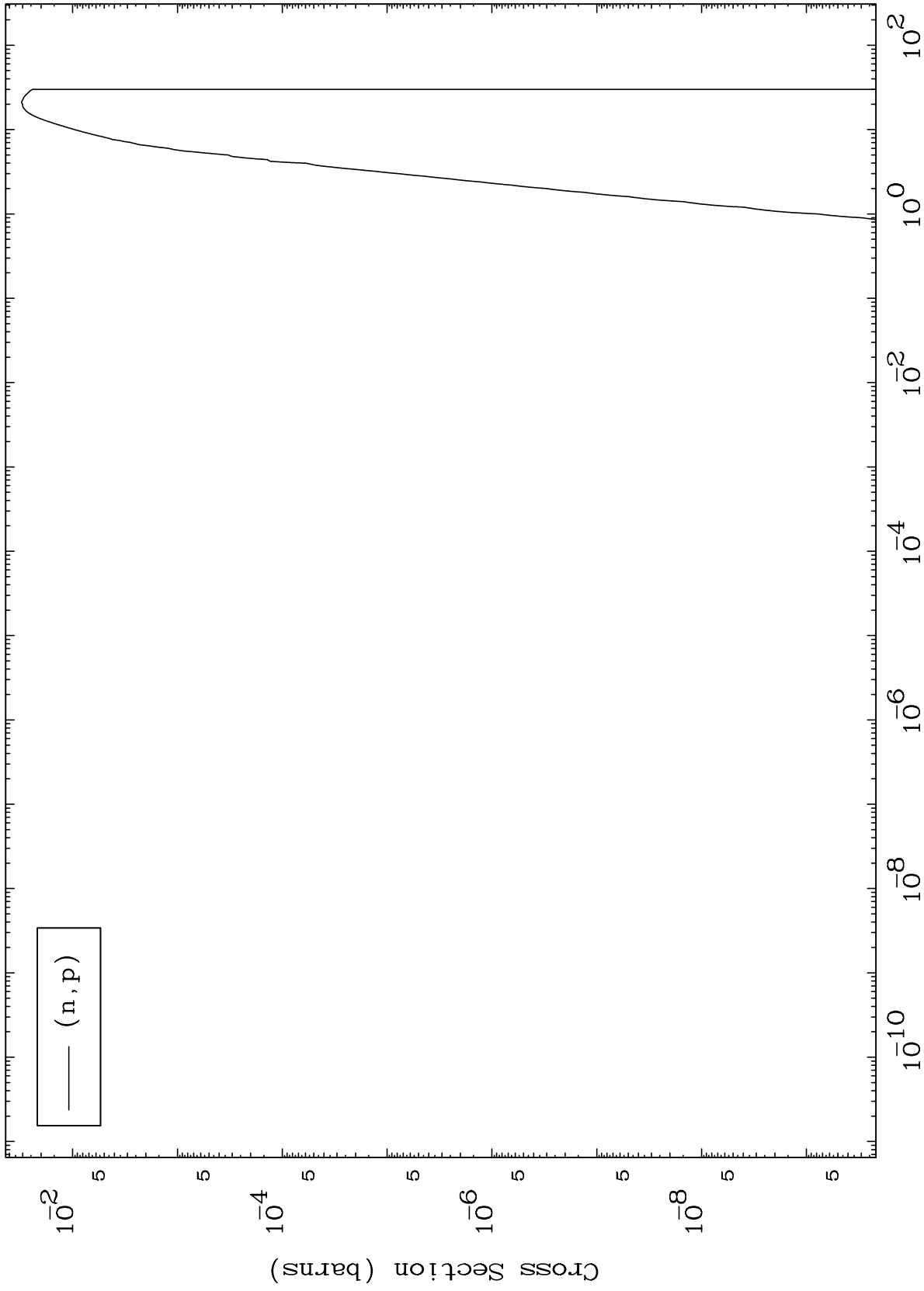
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-112



10

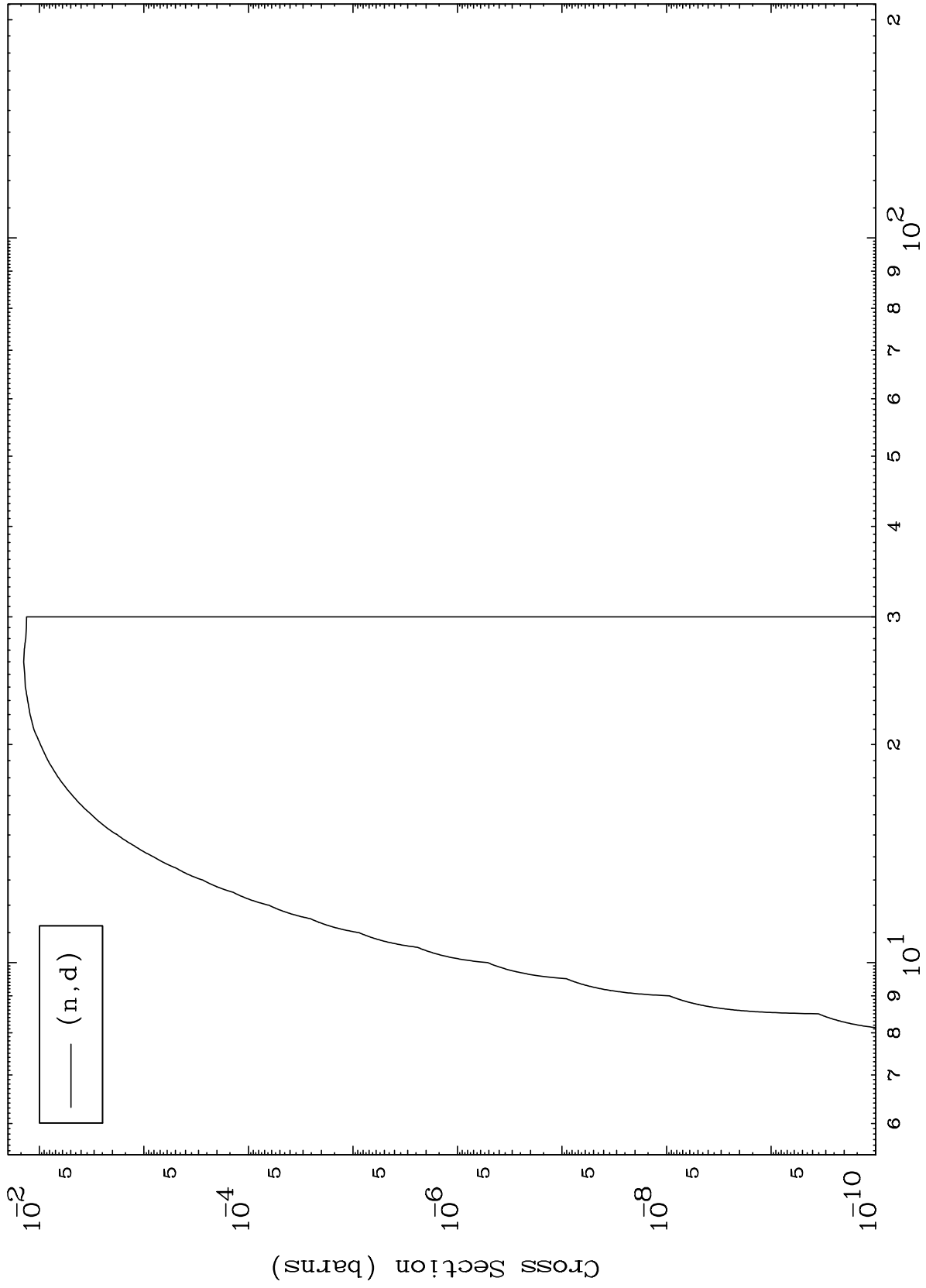
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-112



11

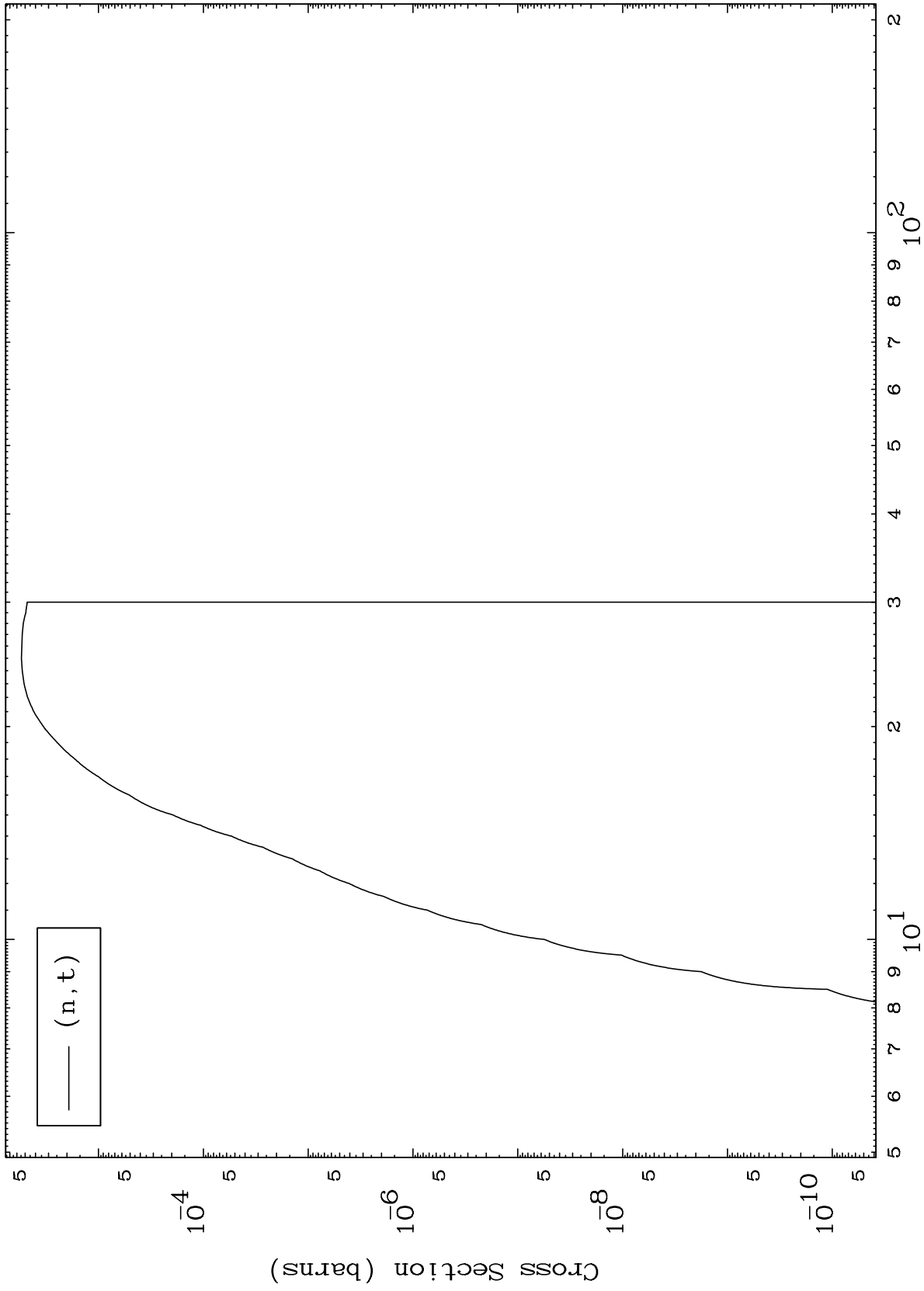
Incident Energy (MeV)

47-Ag-112

MAT 4740

(n,t) Levels
293 Kelvin Cross Sections

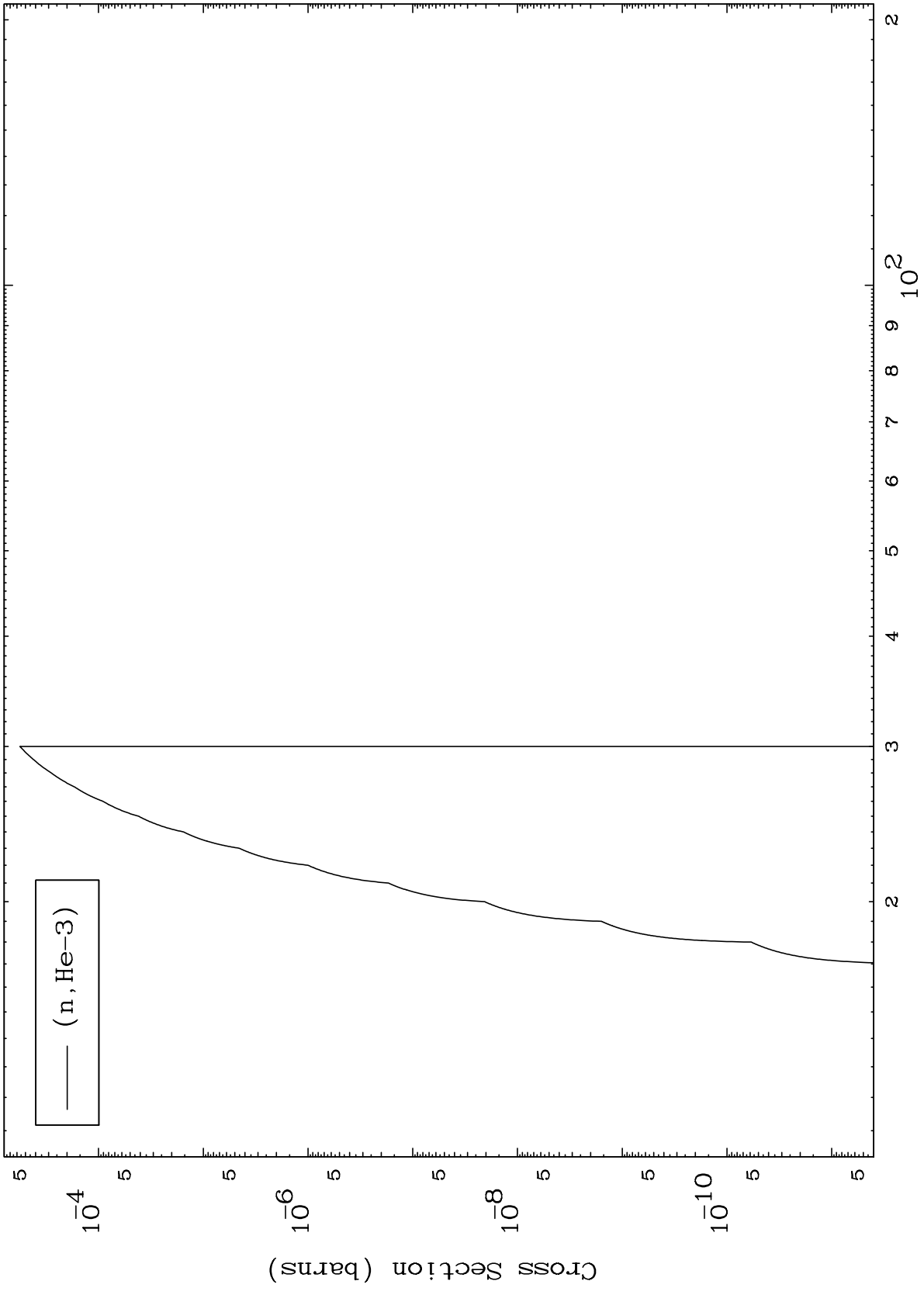
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12

Incident Energy (MeV)

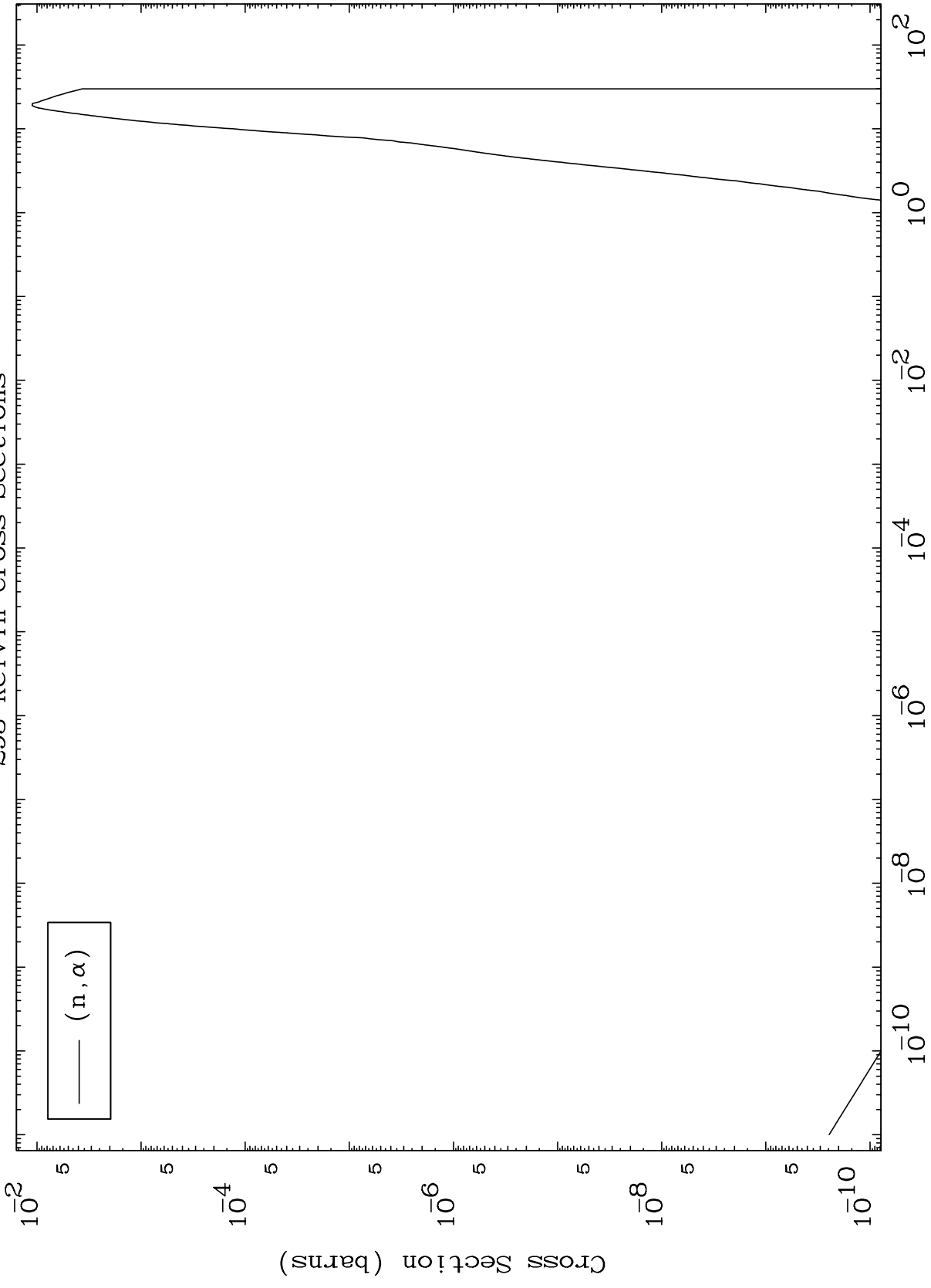
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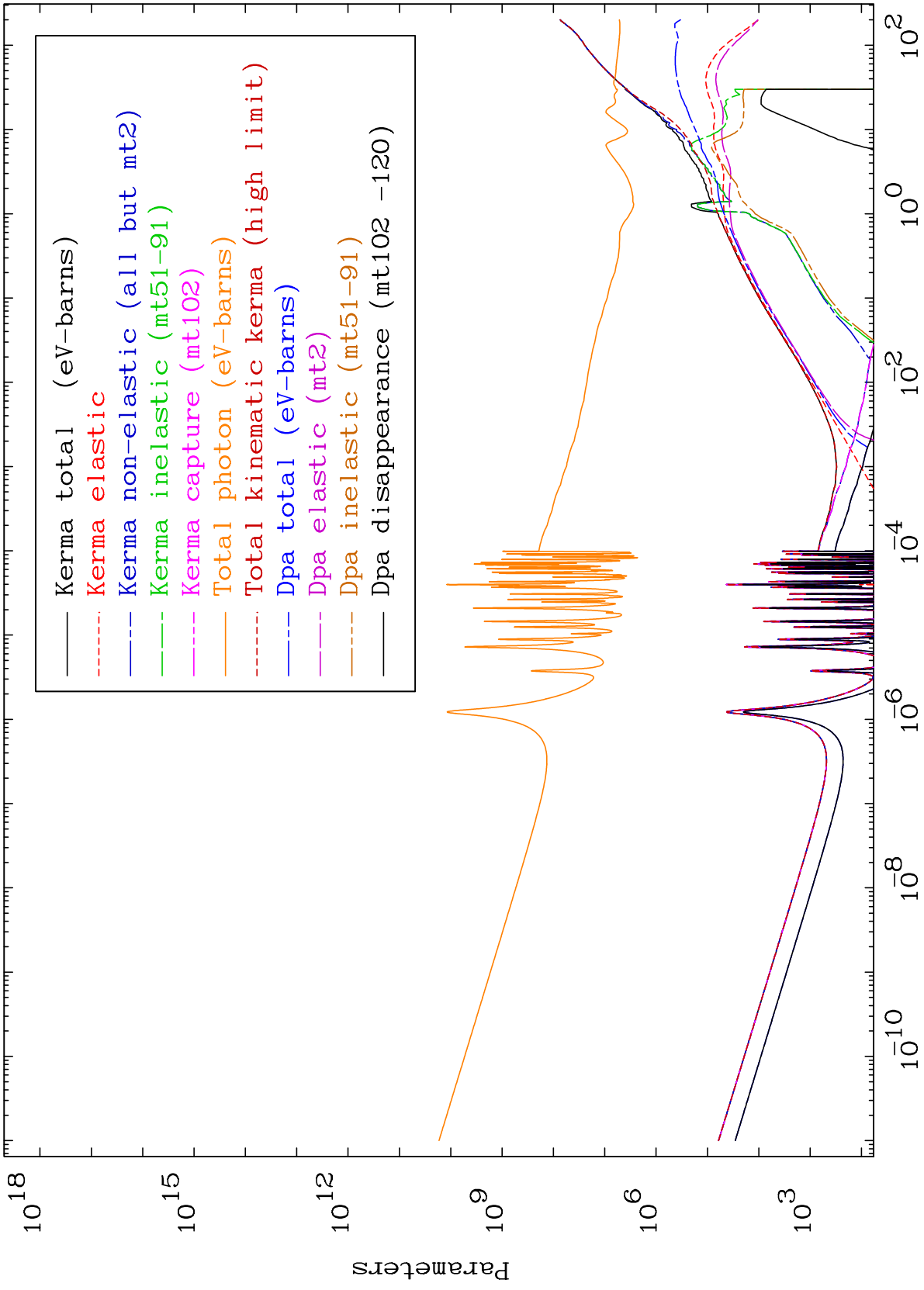


MAT 4740

(n,α) Levels
293 Kelvin Cross Sections

47-Ag-112

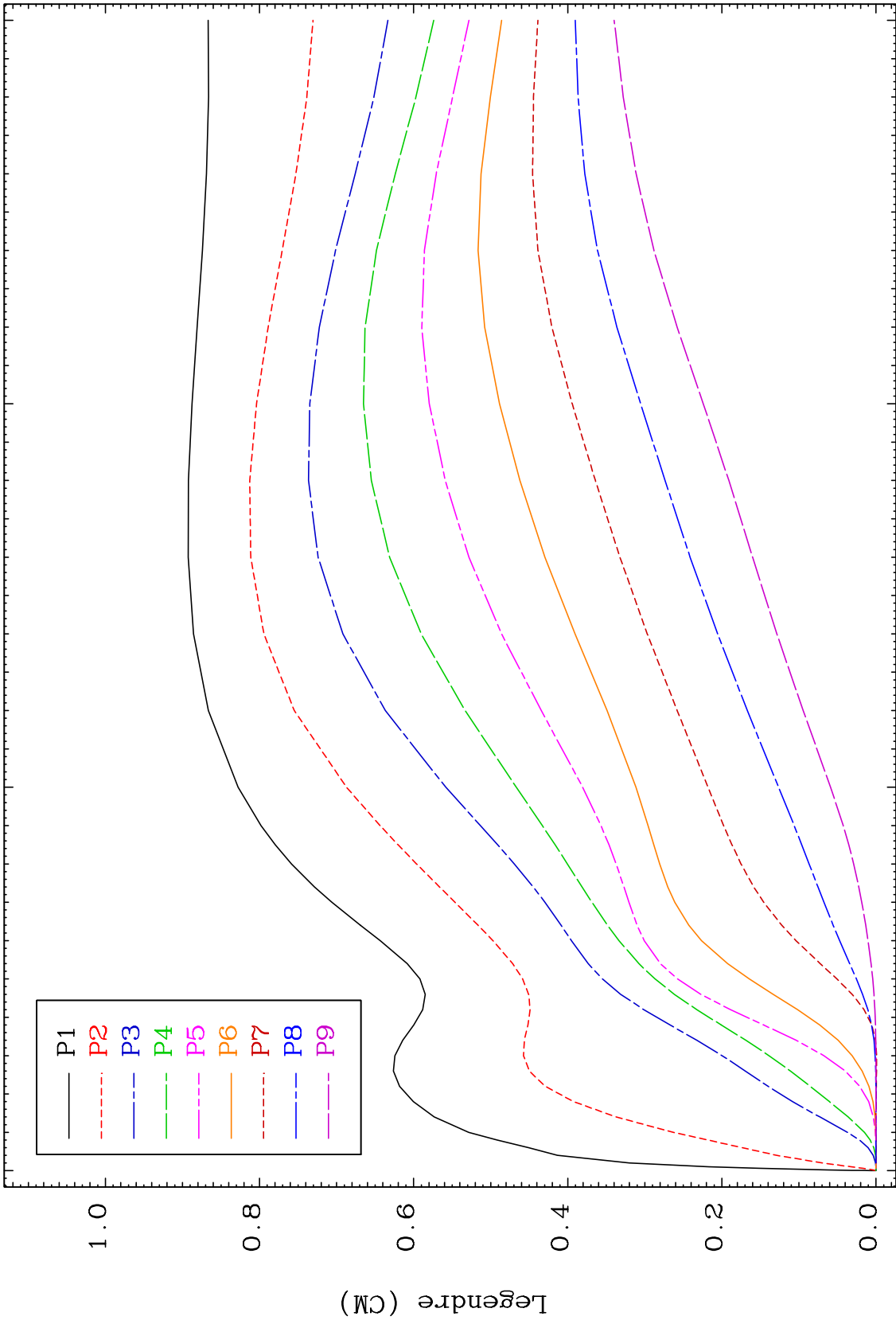




MAT 4740

Elastic Legendre Coefficients

47-Ag-112



16

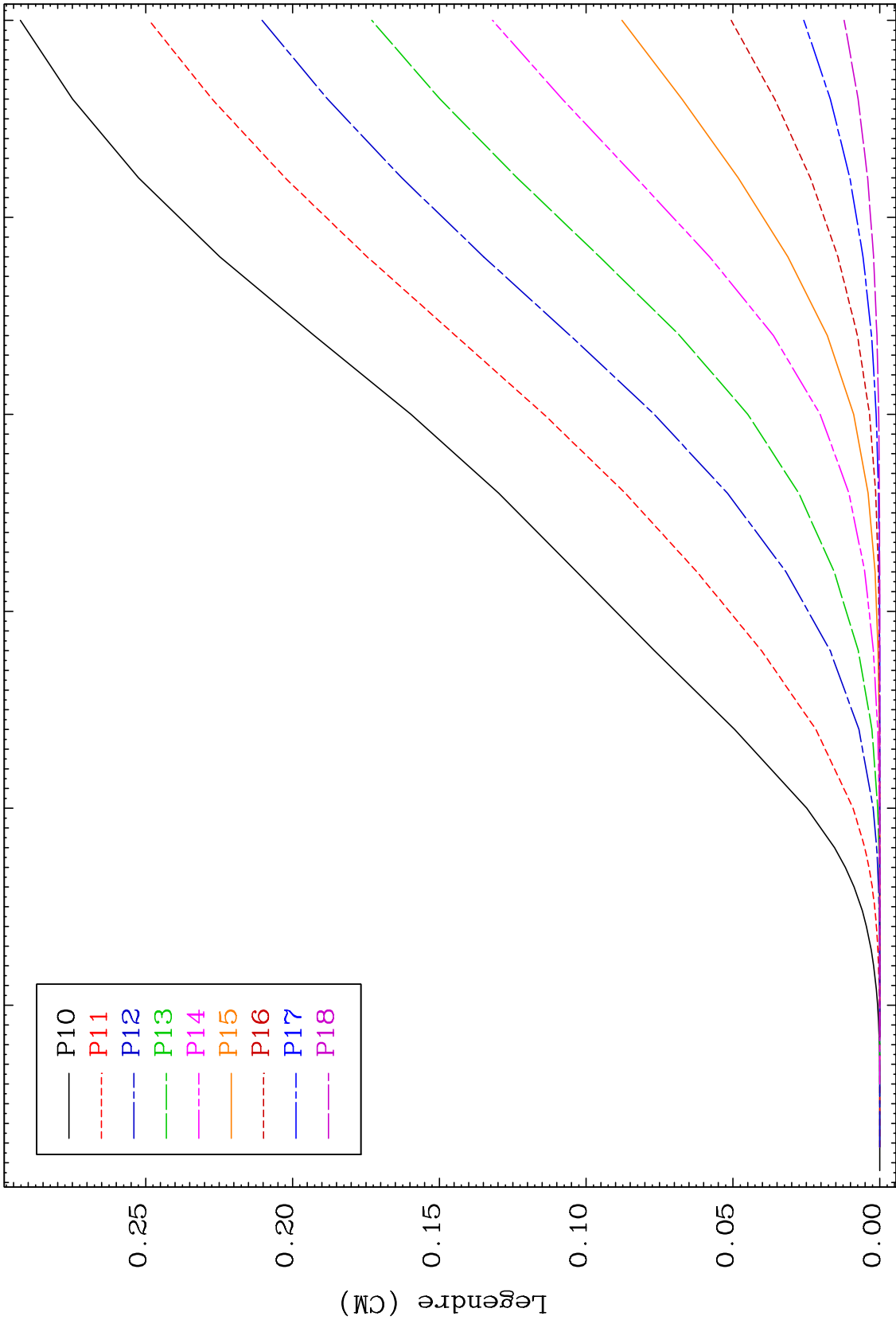
Incident Energy (MeV)

47-Ag-112

MAT 4740

Elastic Legendre Coefficients

47-Ag-112



17

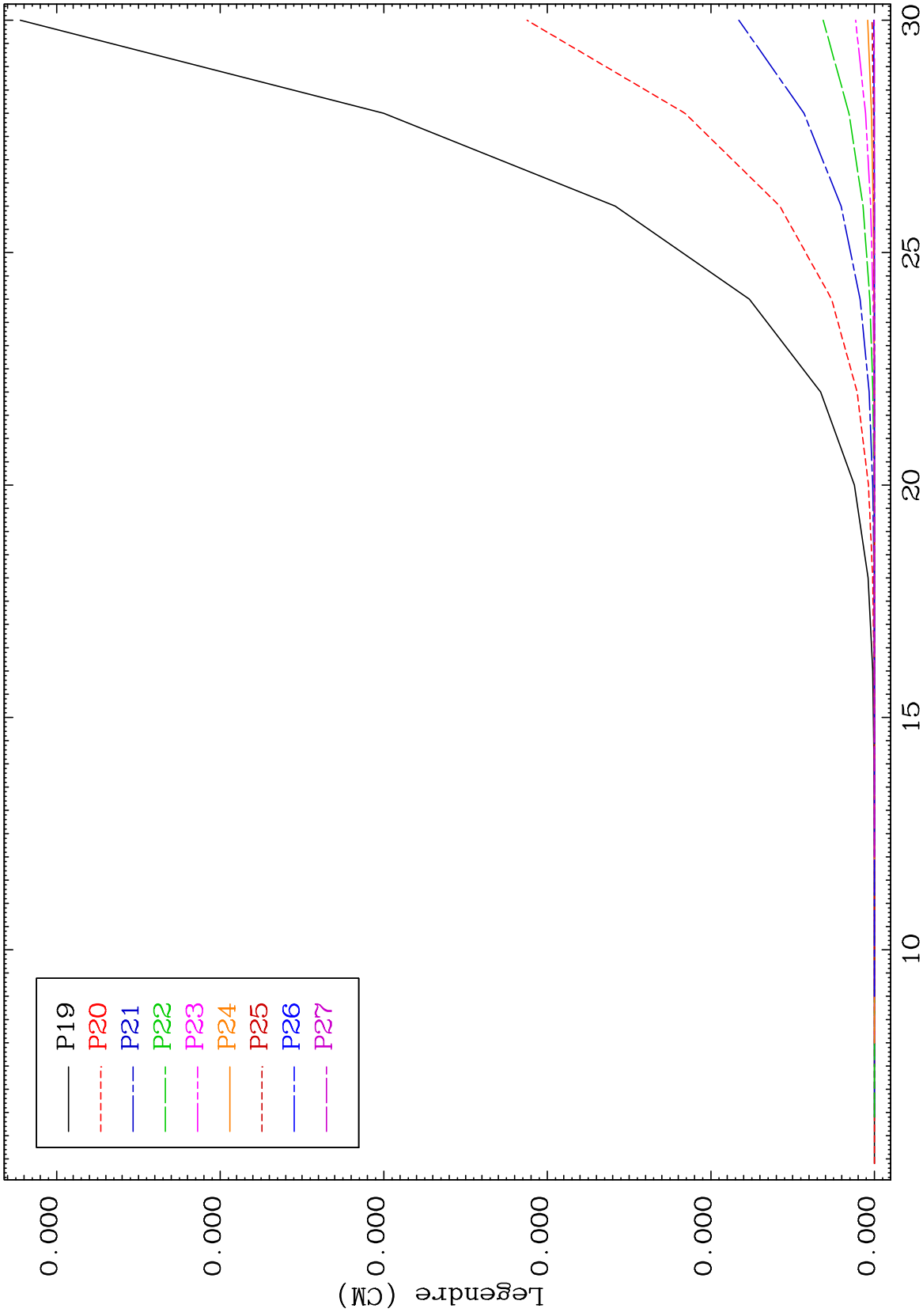
Incident Energy (MeV)

47-Ag-112

MAT 4740

Elastic Legendre Coefficients

47-Ag-112



18

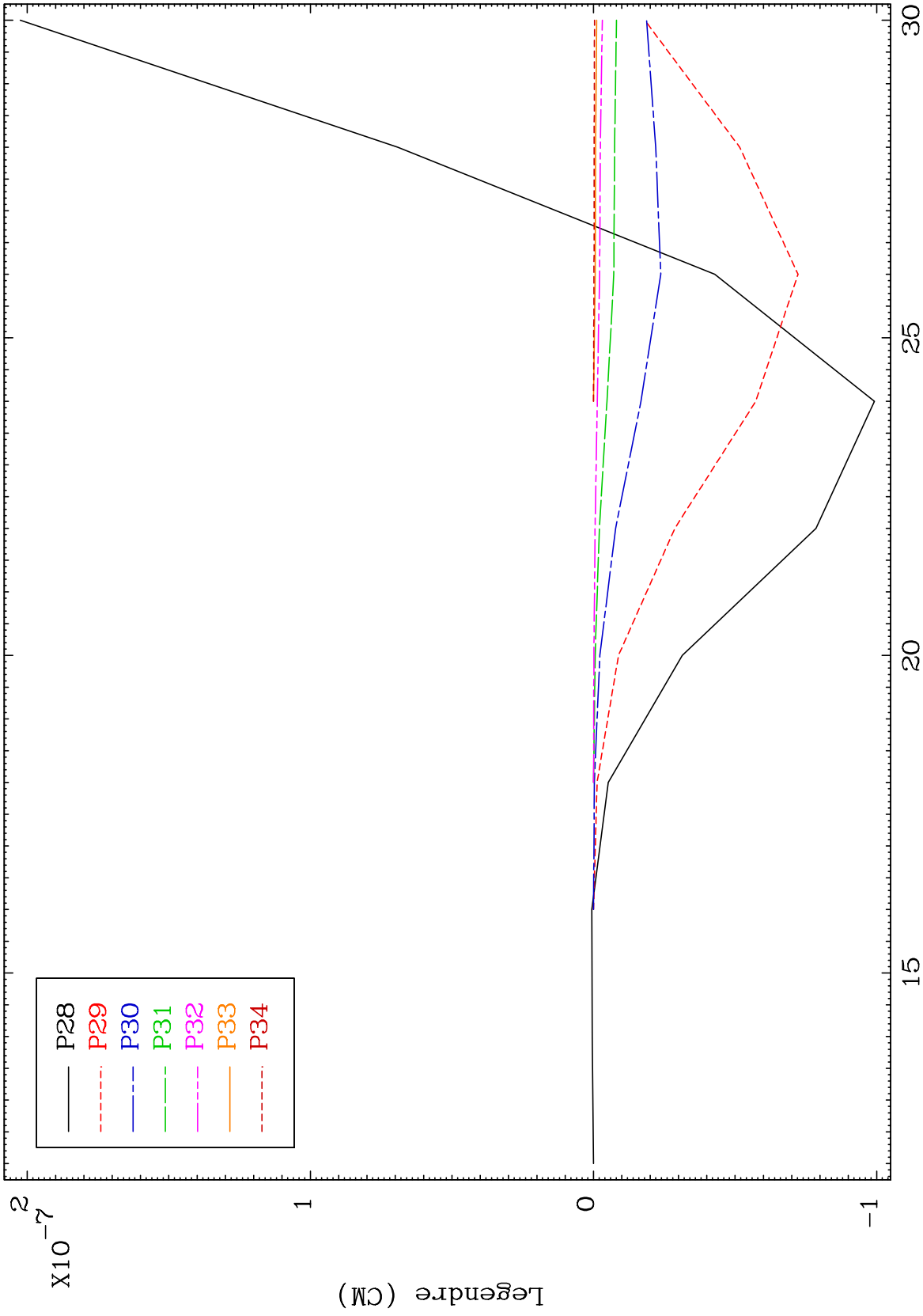
Incident Energy (MeV)

47-Ag-112

MAT 4740

Elastic Legendre Coefficients

47-Ag-112



19

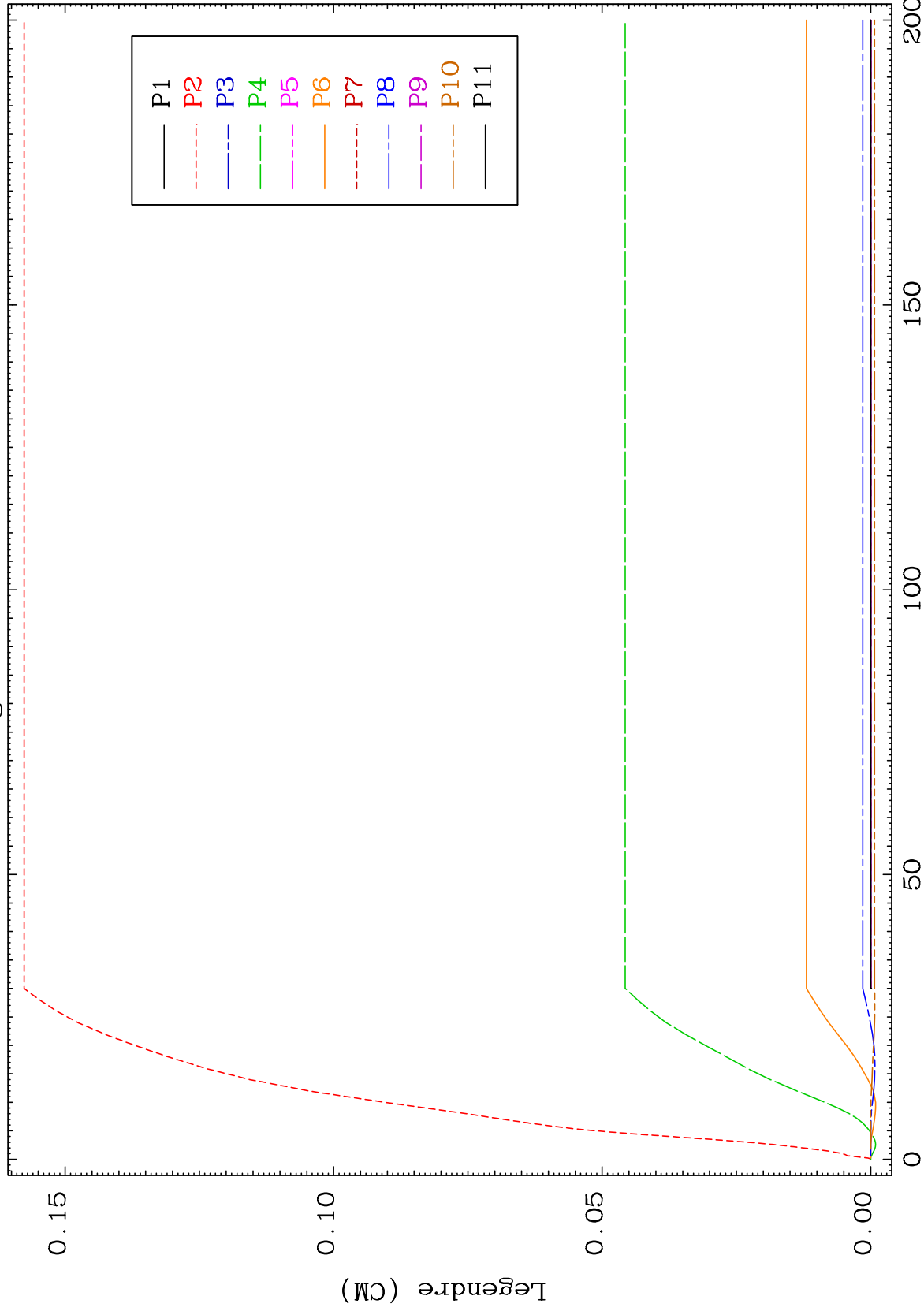
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

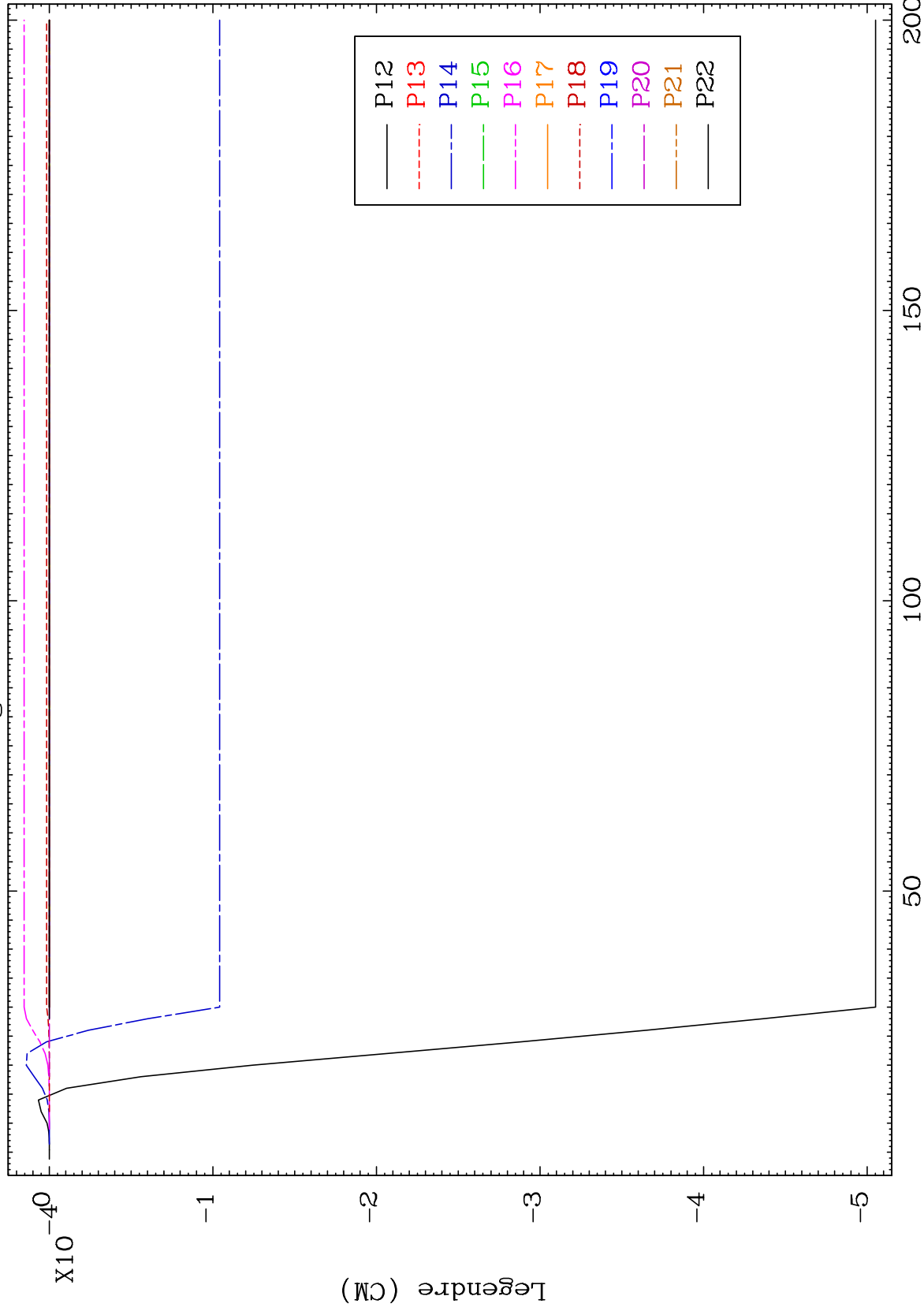
Incident Energy (MeV)

Legendre (CM)

MAT 4740

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

47-Ag-112



21

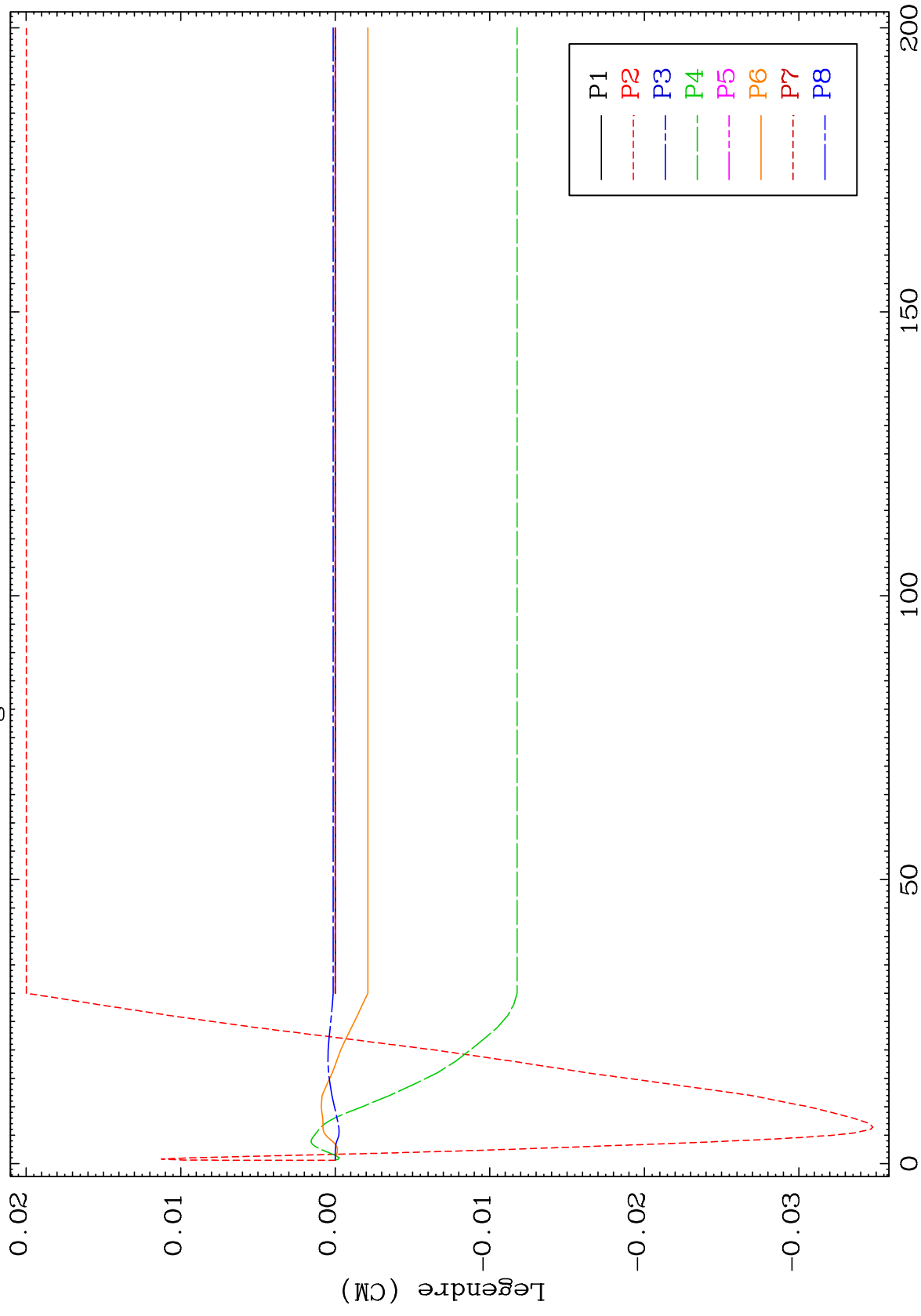
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



22

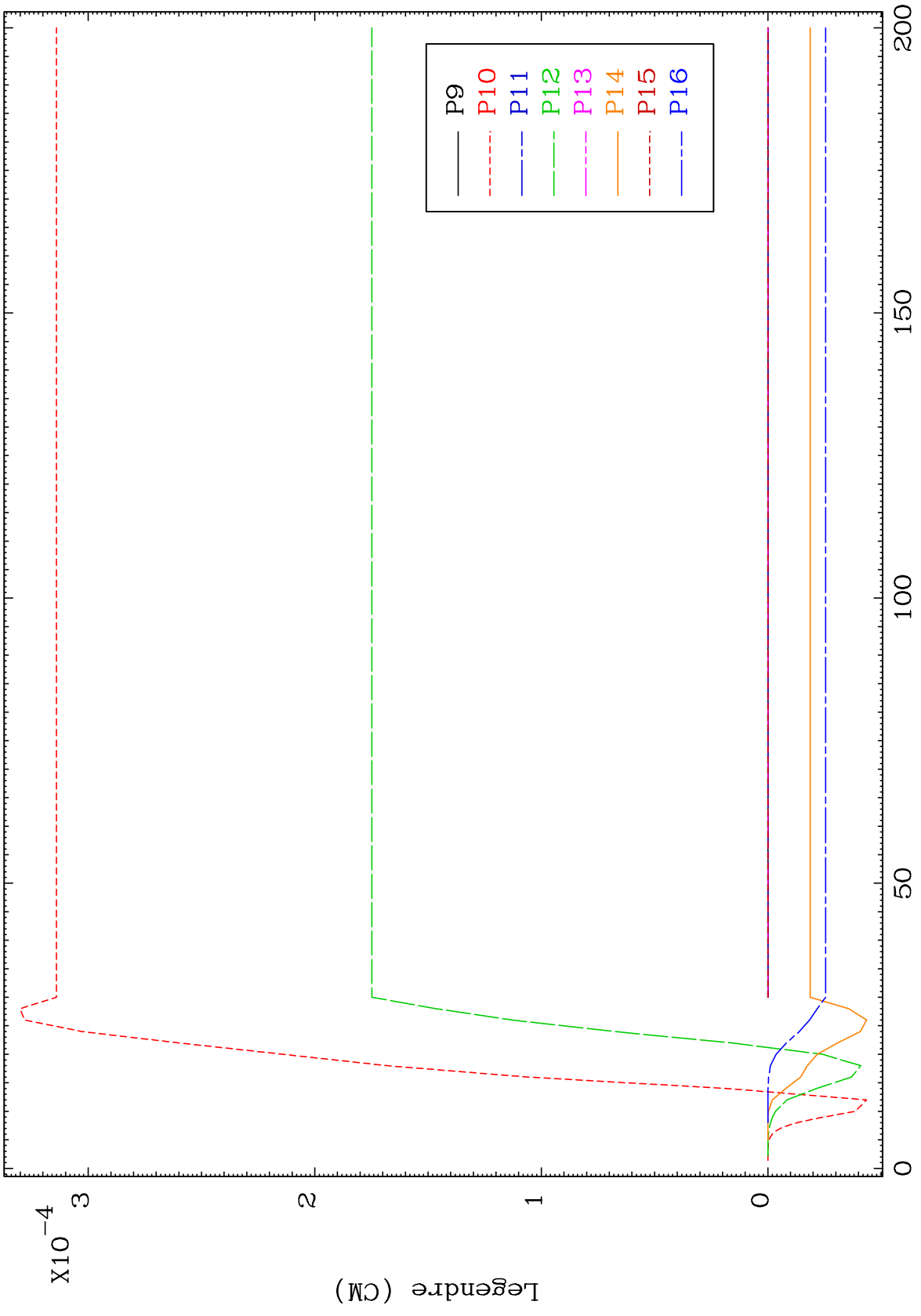
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



23

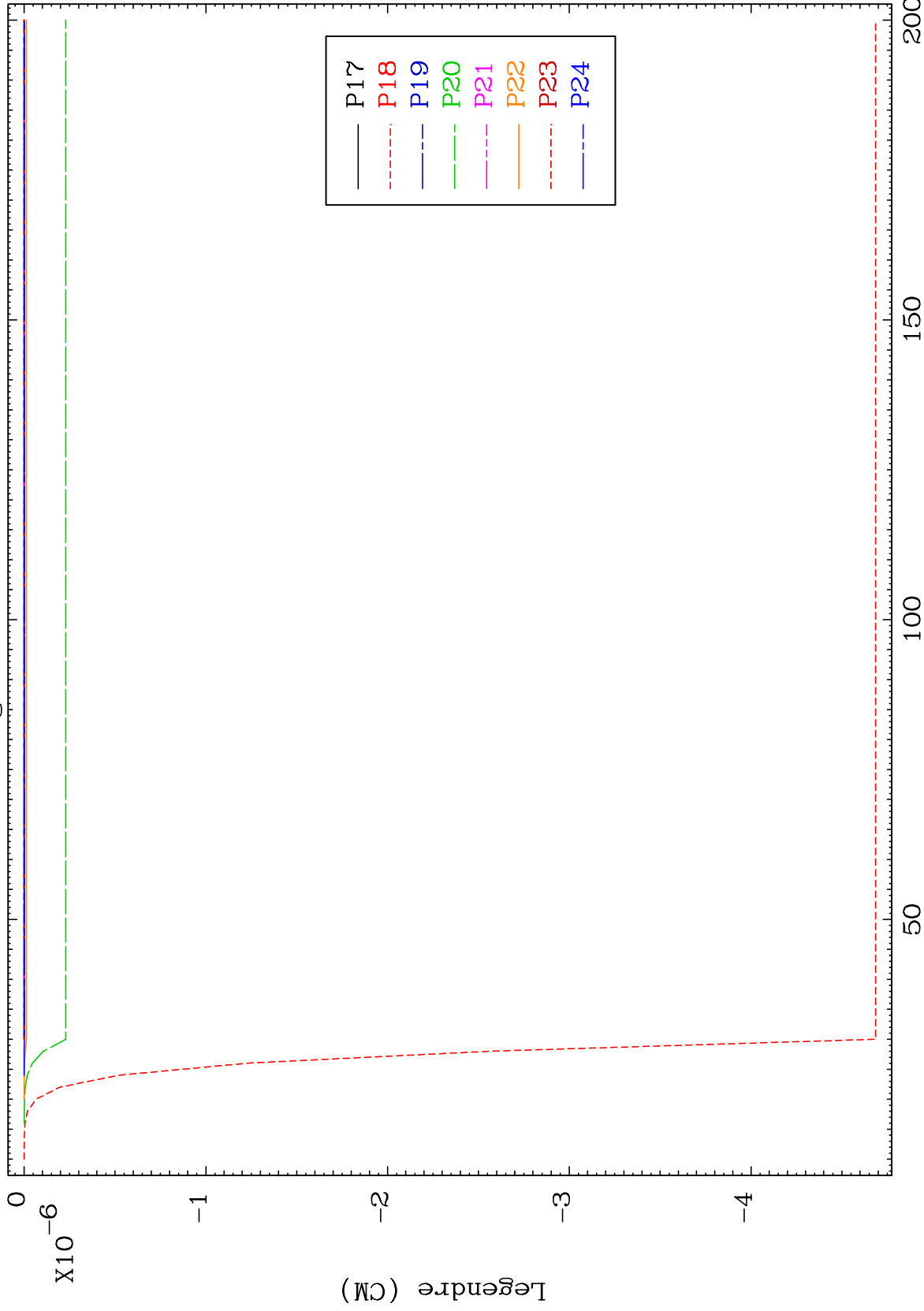
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



24

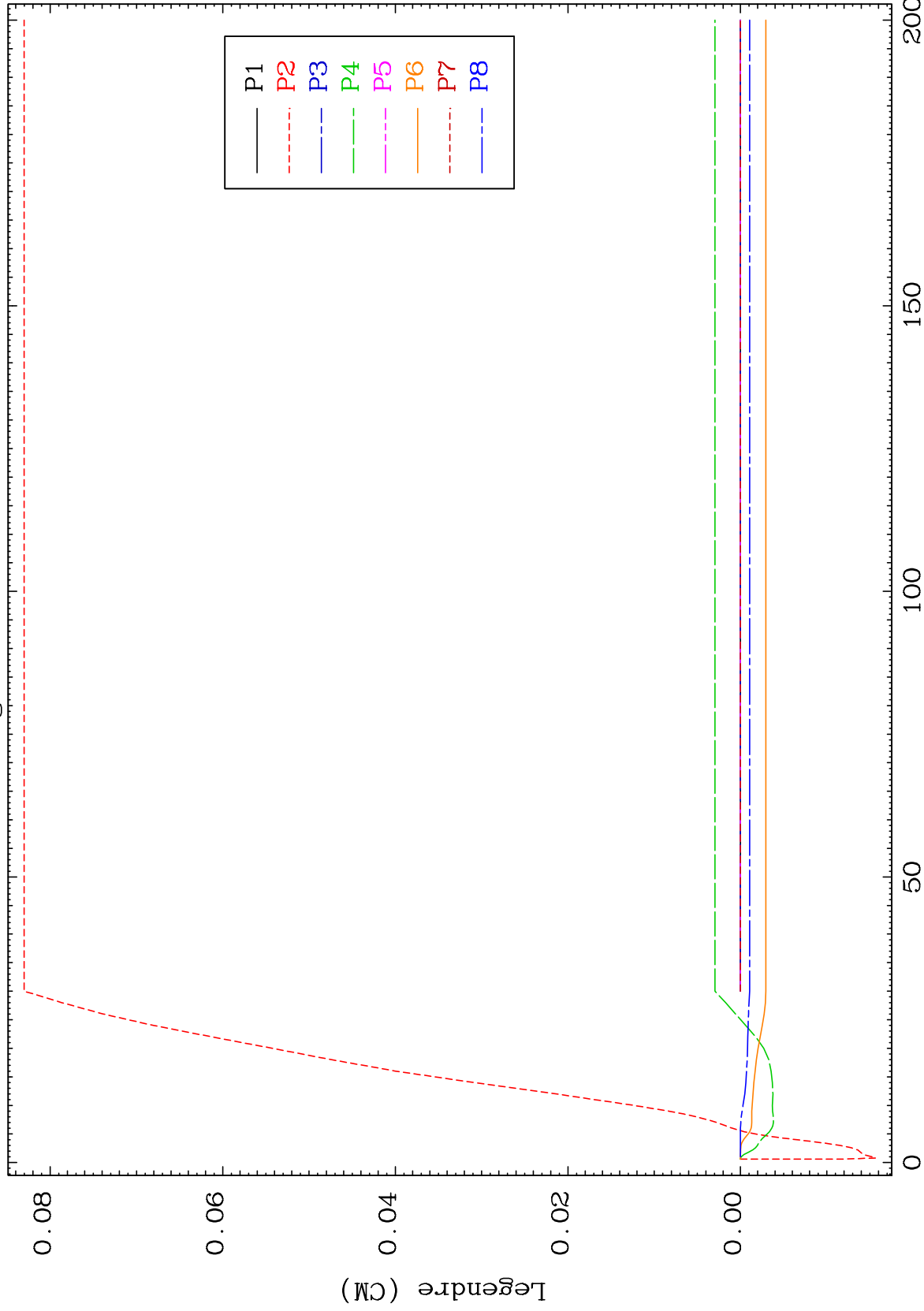
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



25

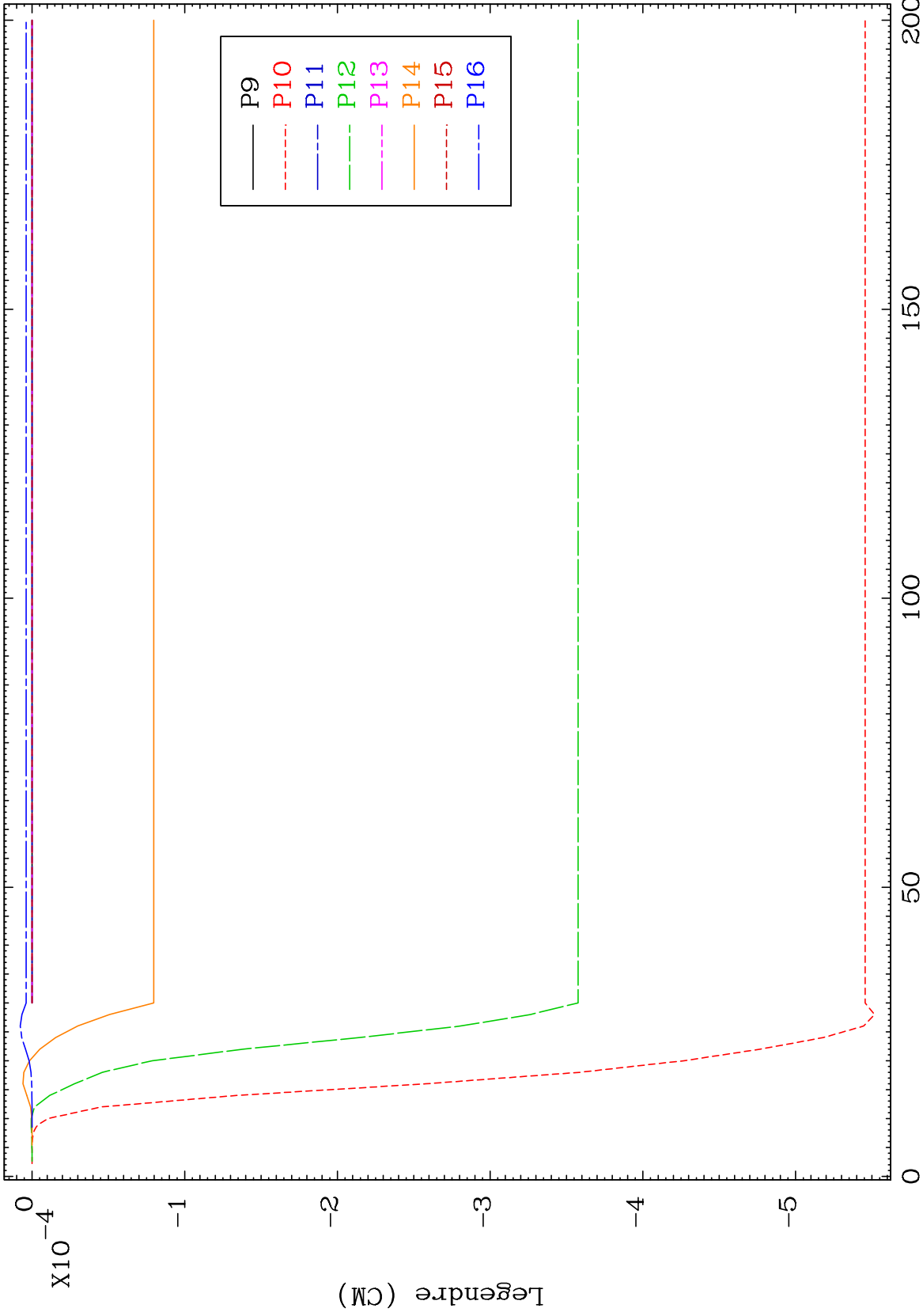
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



26

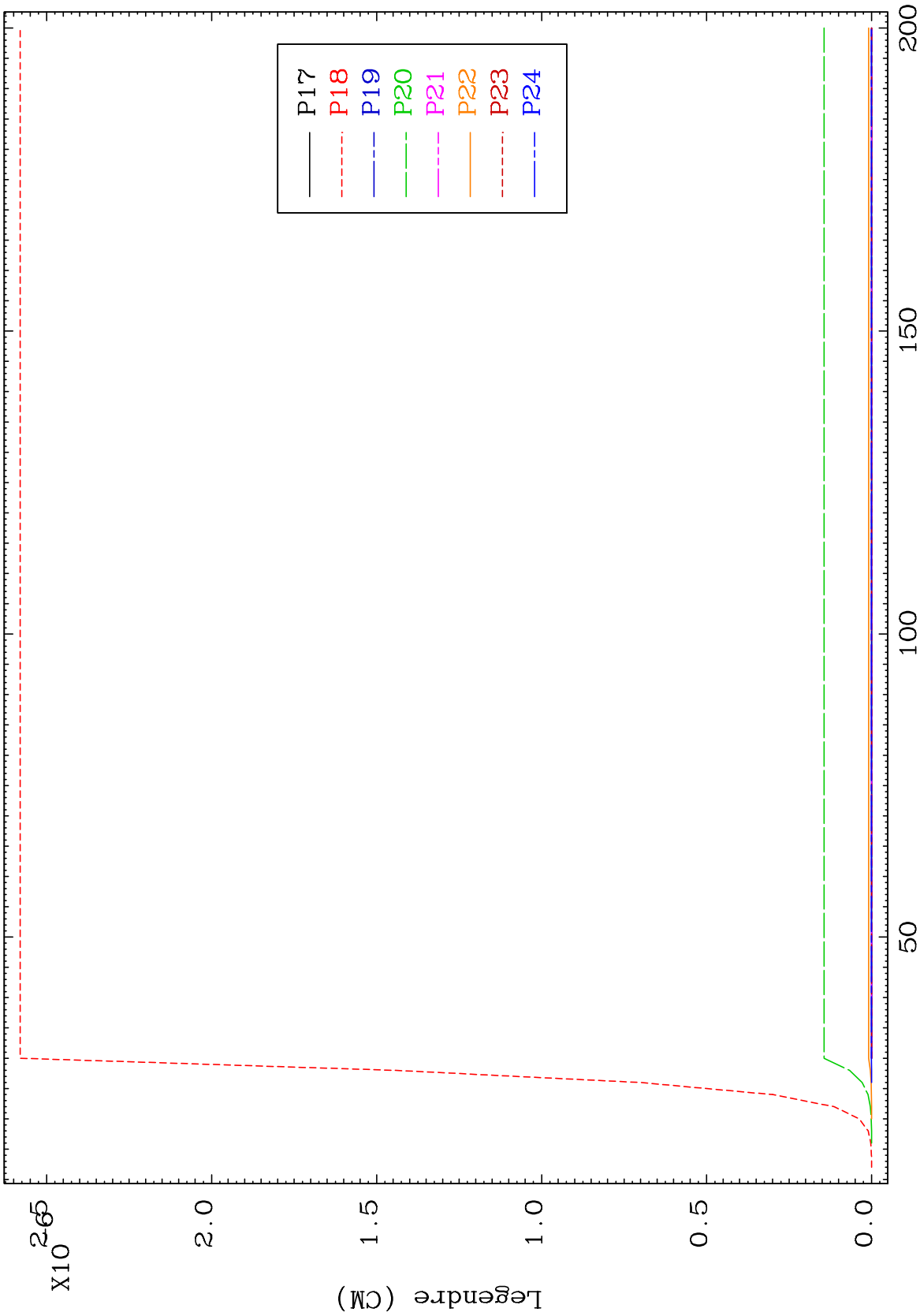
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

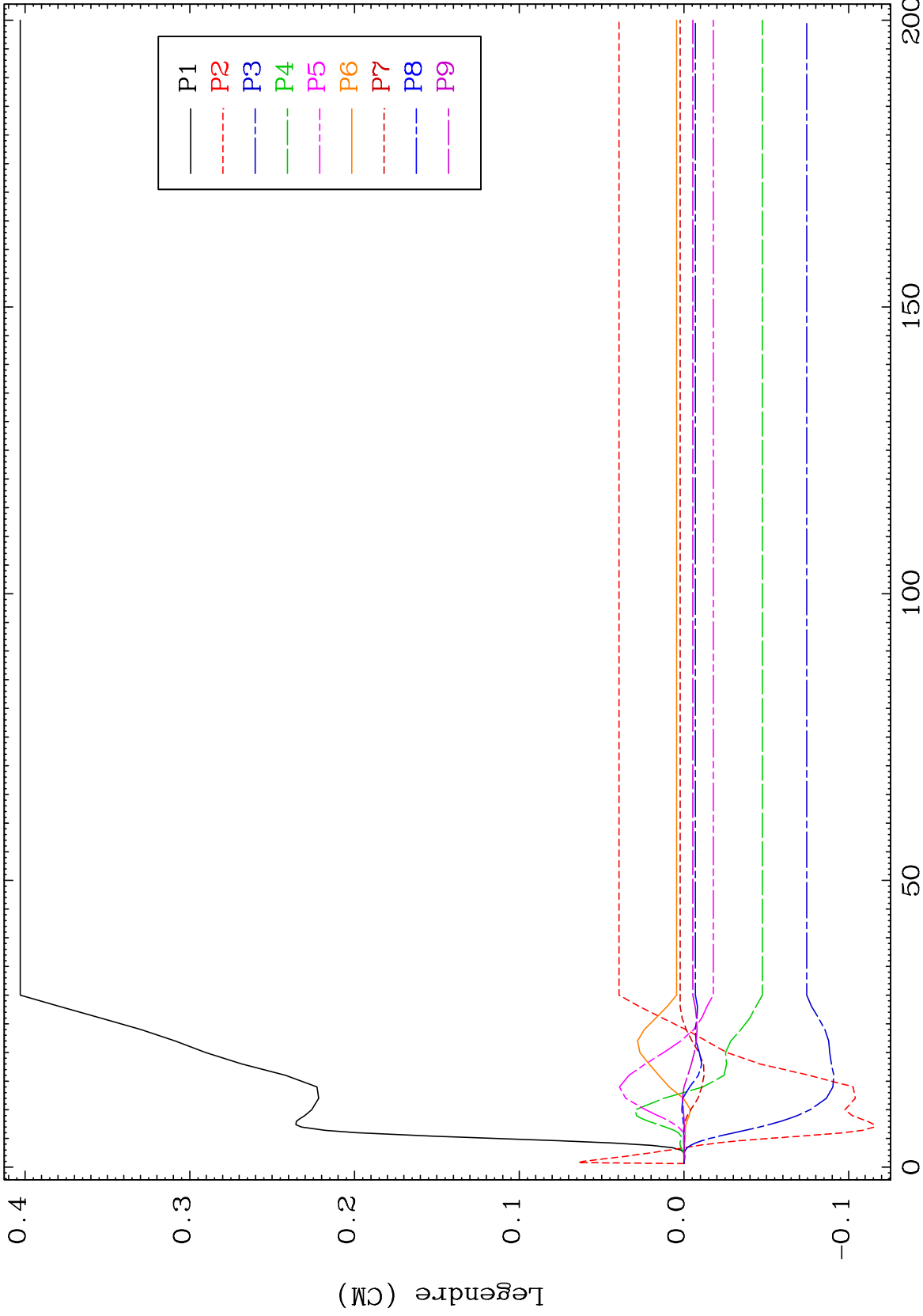
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Incident Energy (MeV)

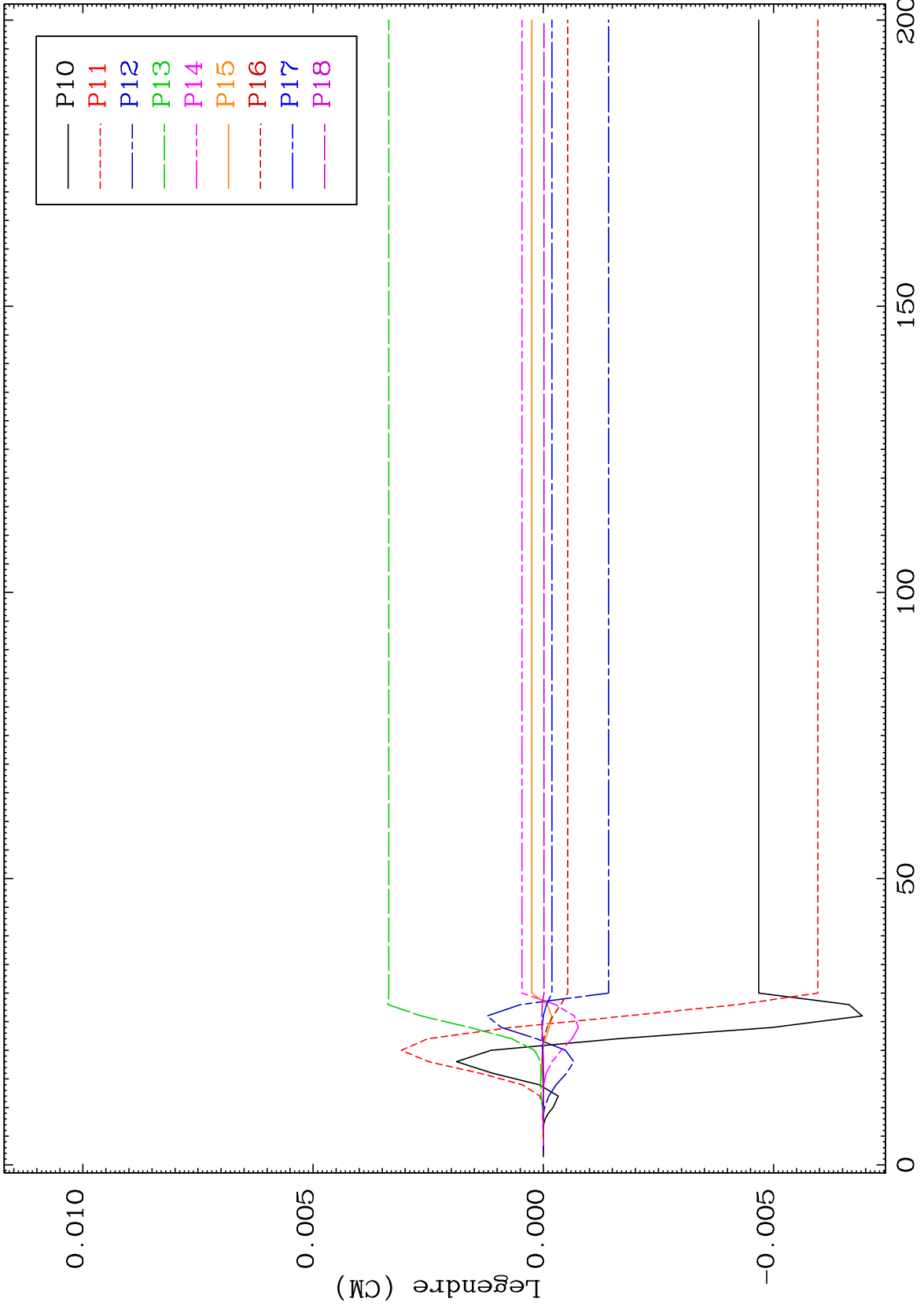
47-Ag-112



MAT 4740

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

47-Ag-112



29

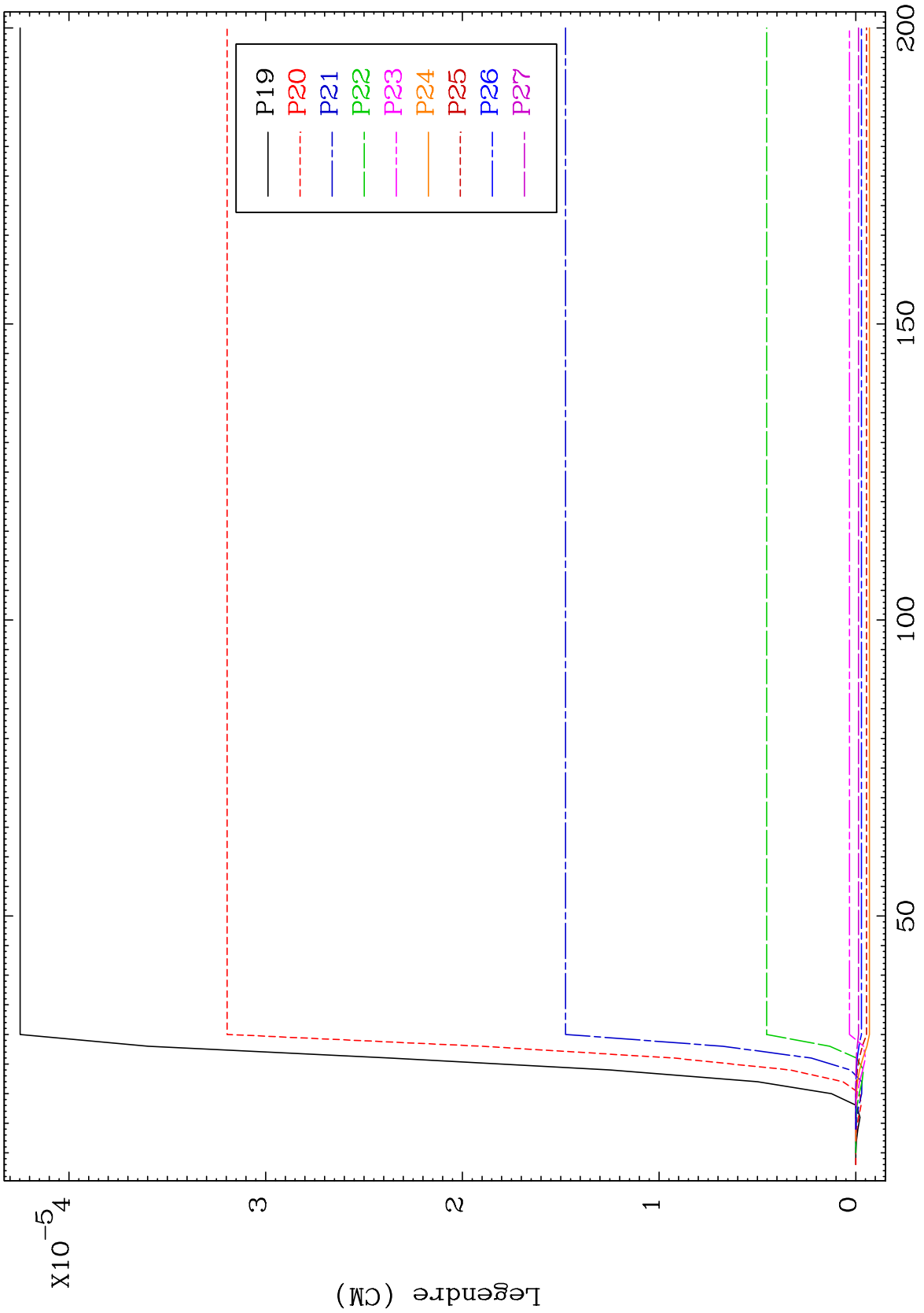
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

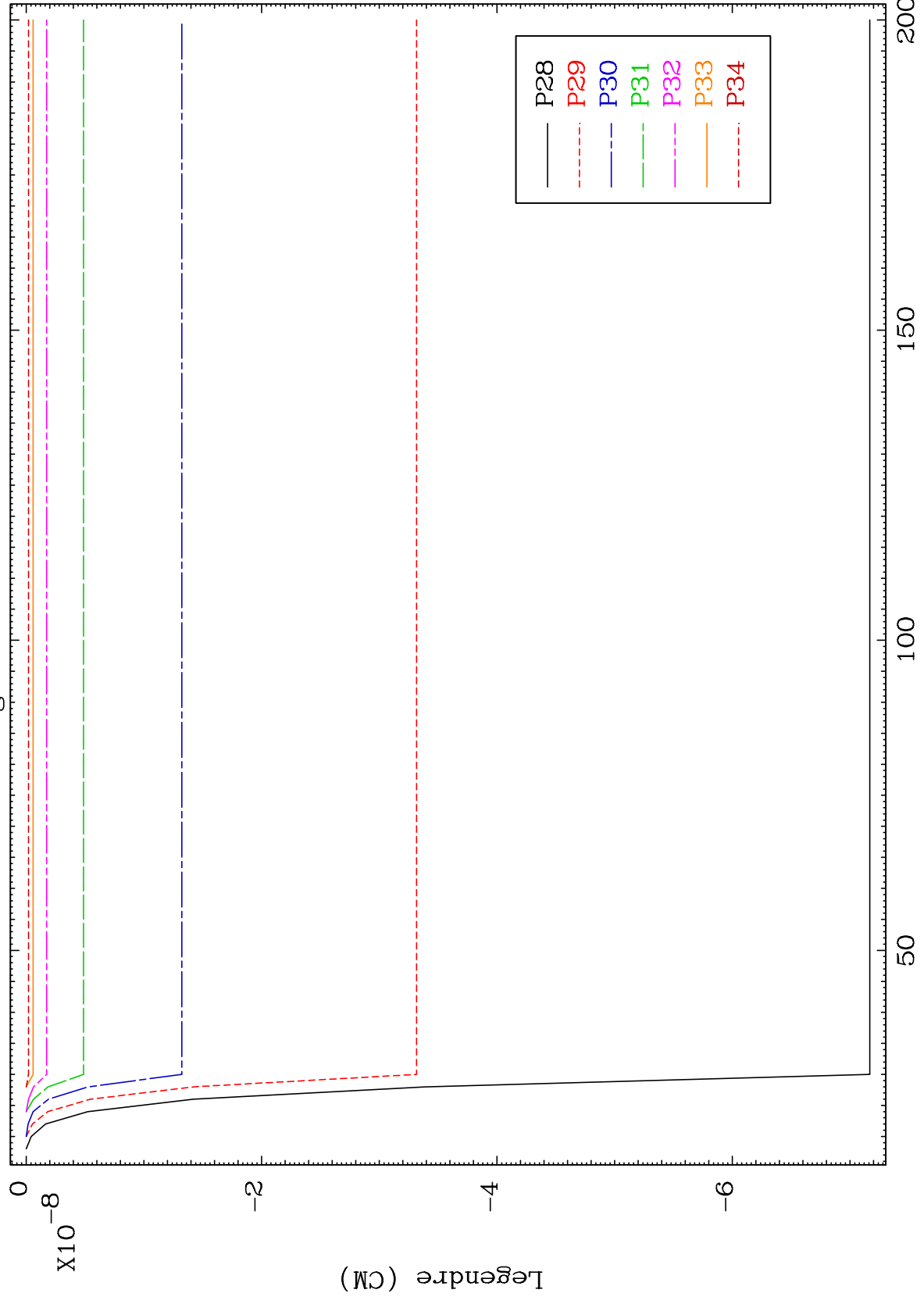
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30

Incident Energy (MeV)

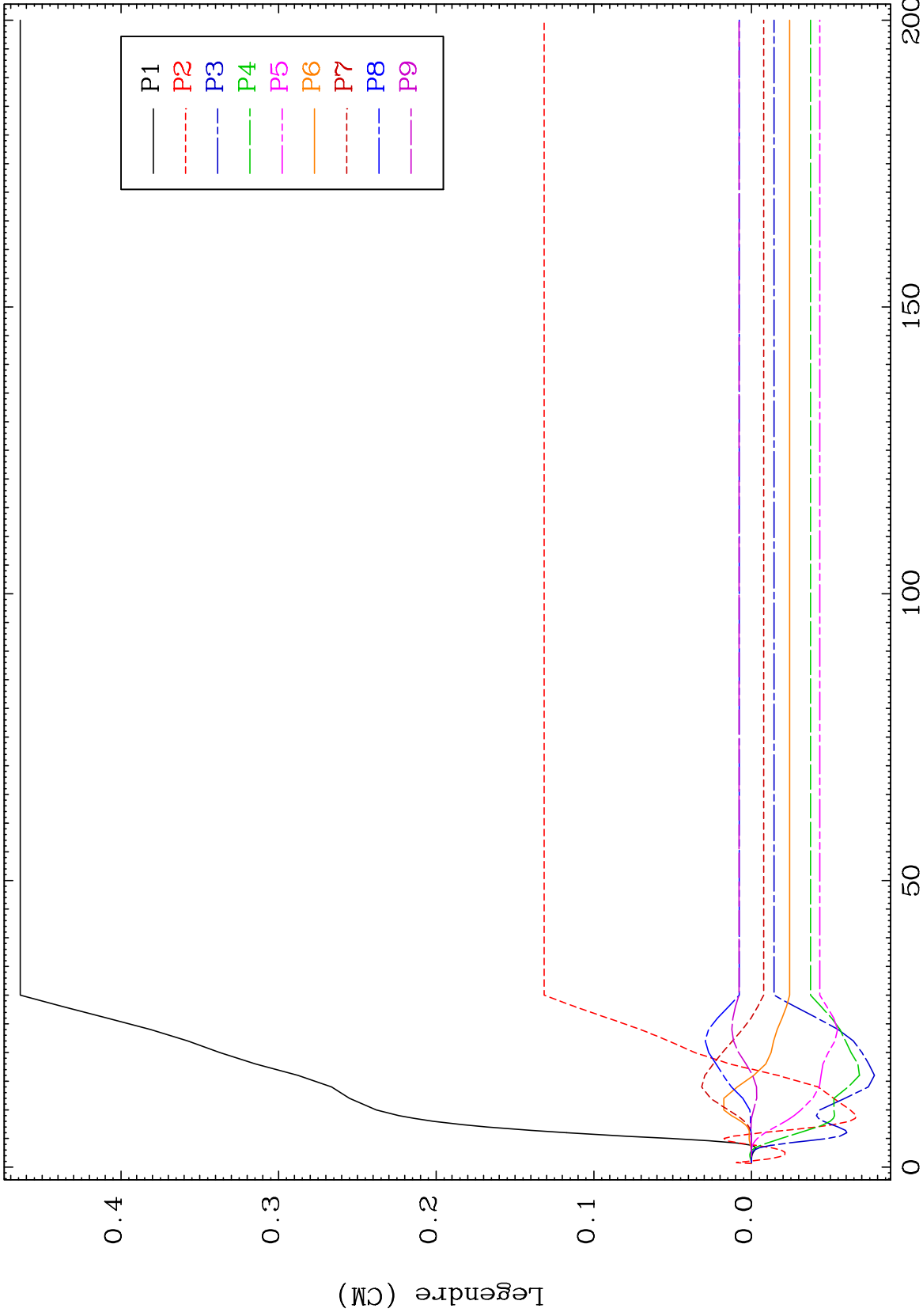
47-Ag-112



MAT 4740

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

47-Ag-112



32

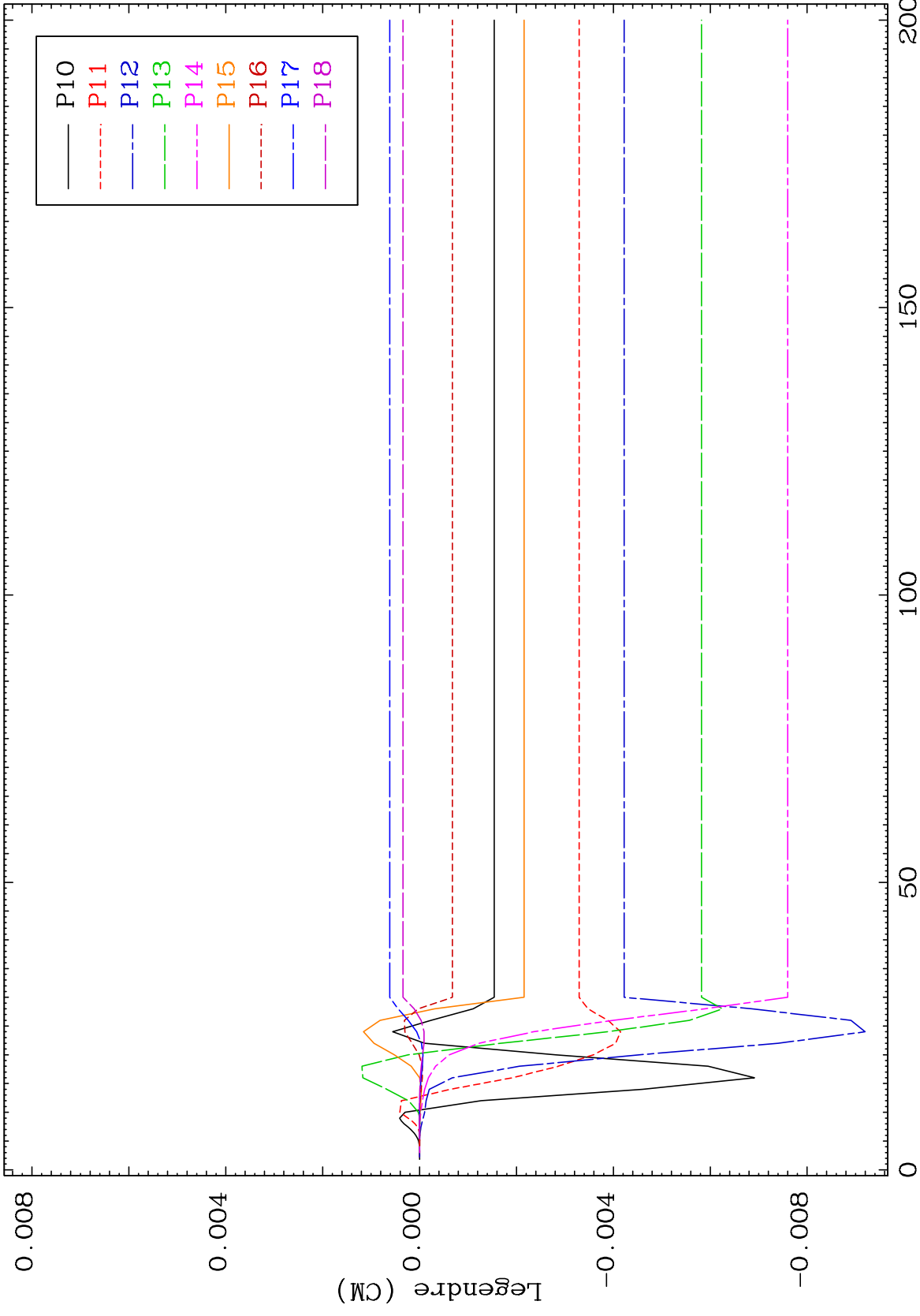
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



33

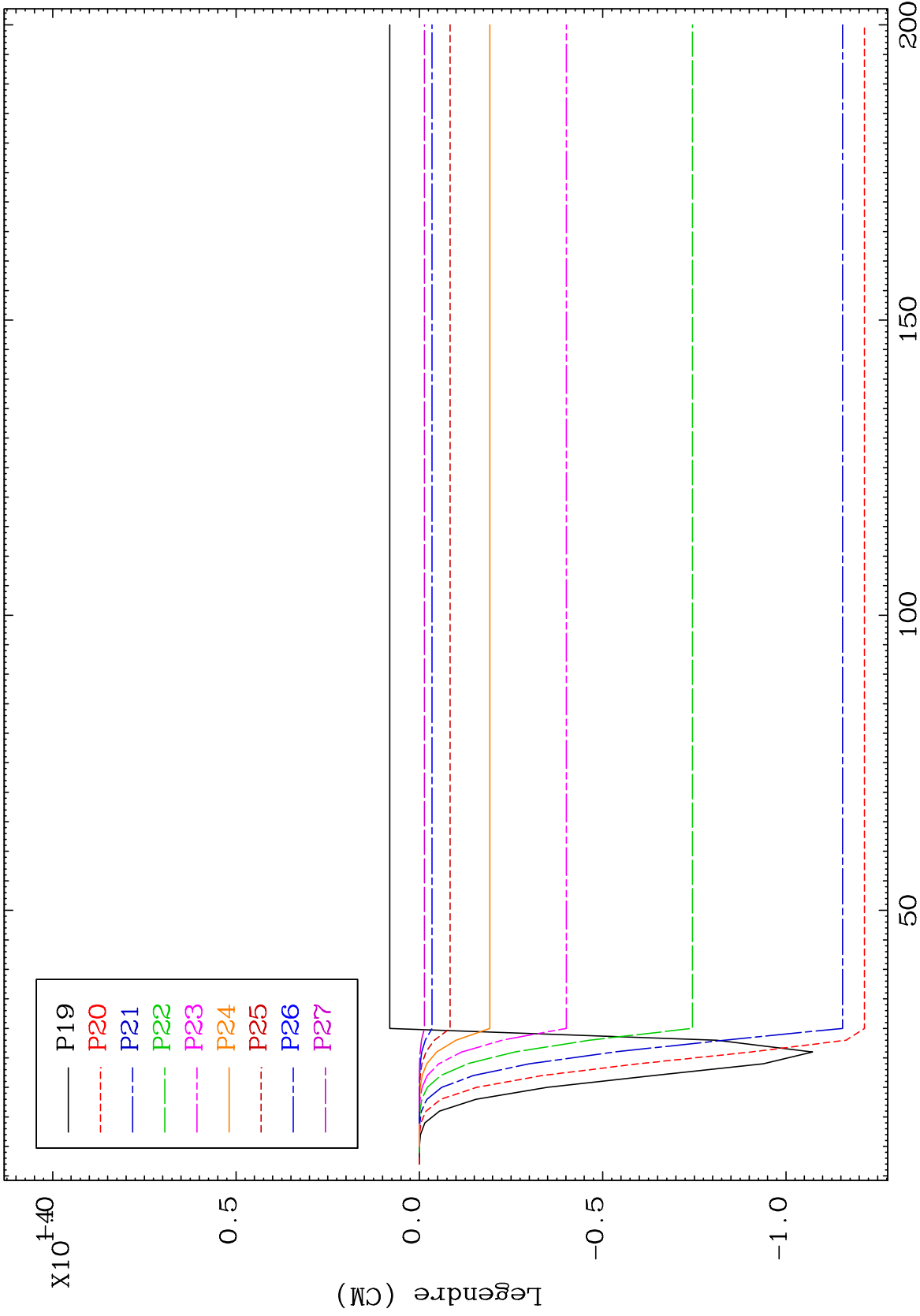
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



34

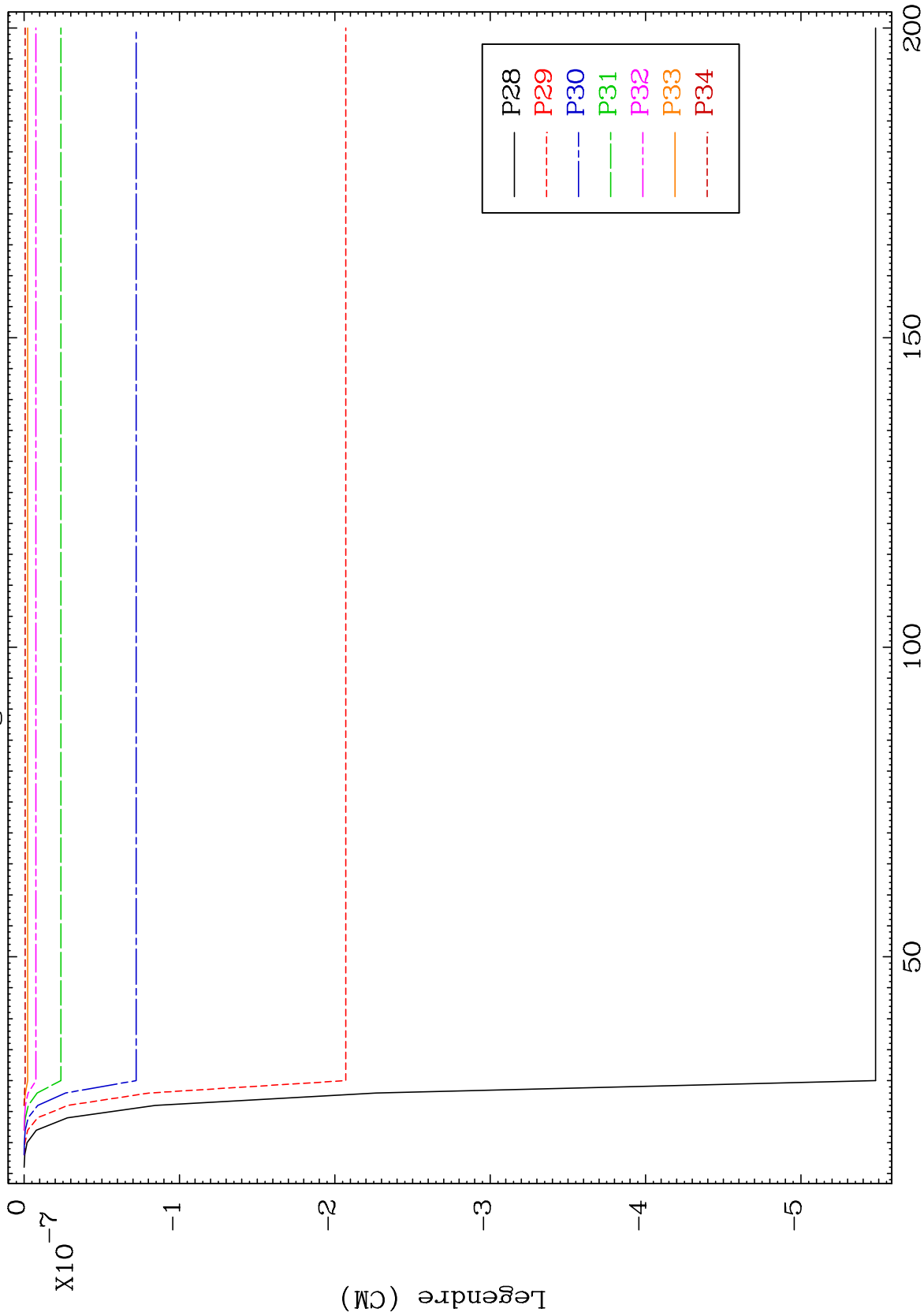
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



35

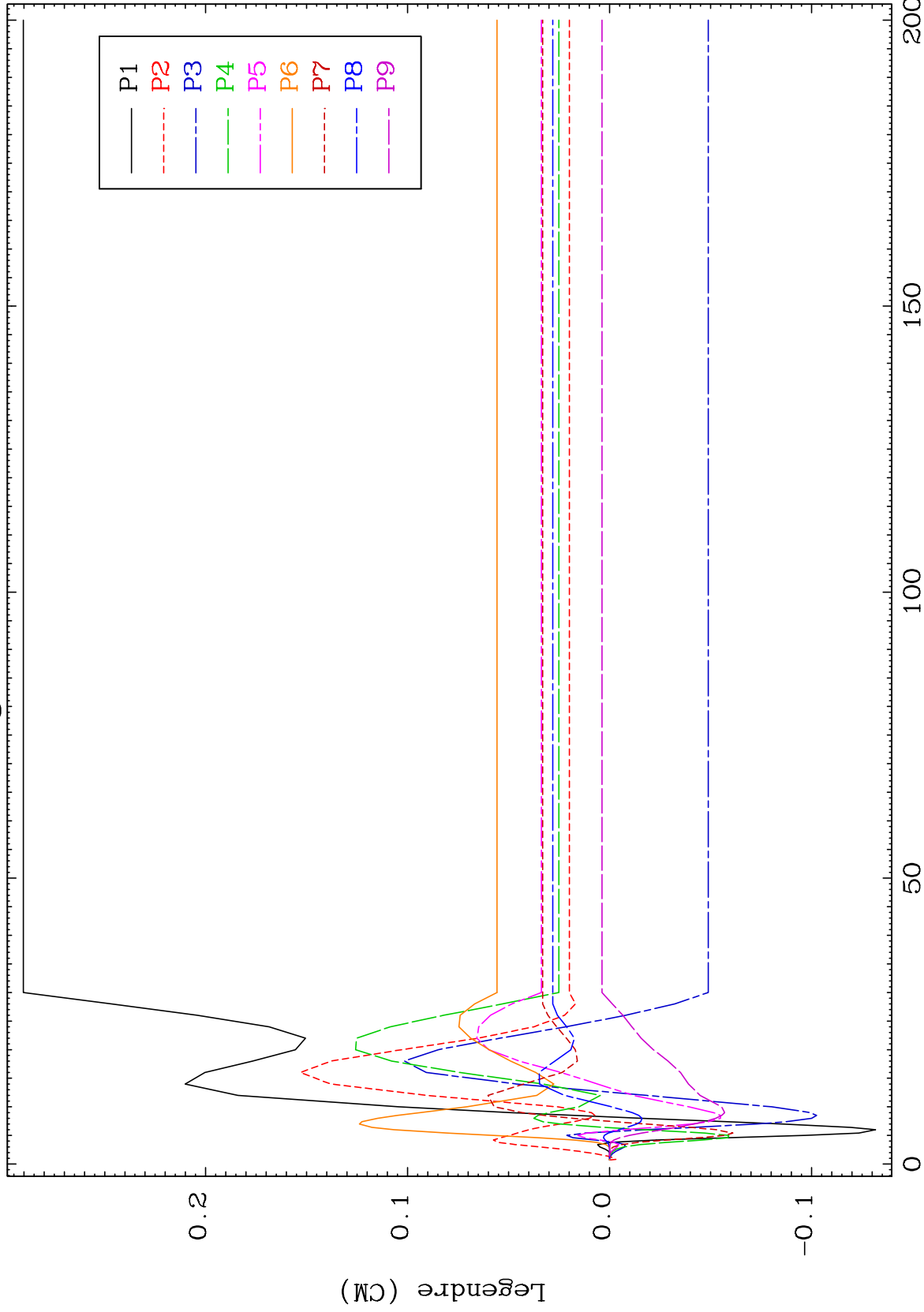
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



36

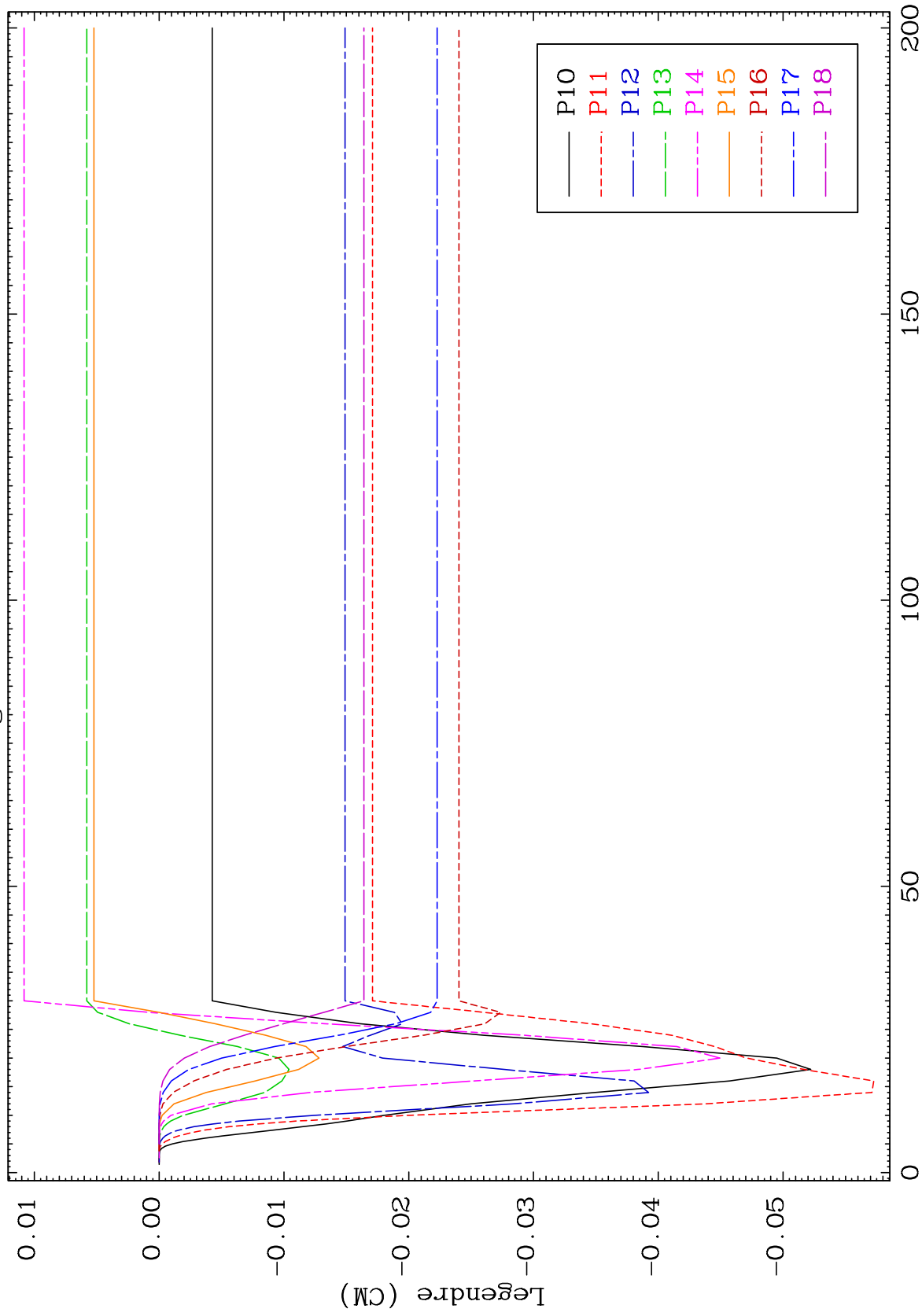
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



37

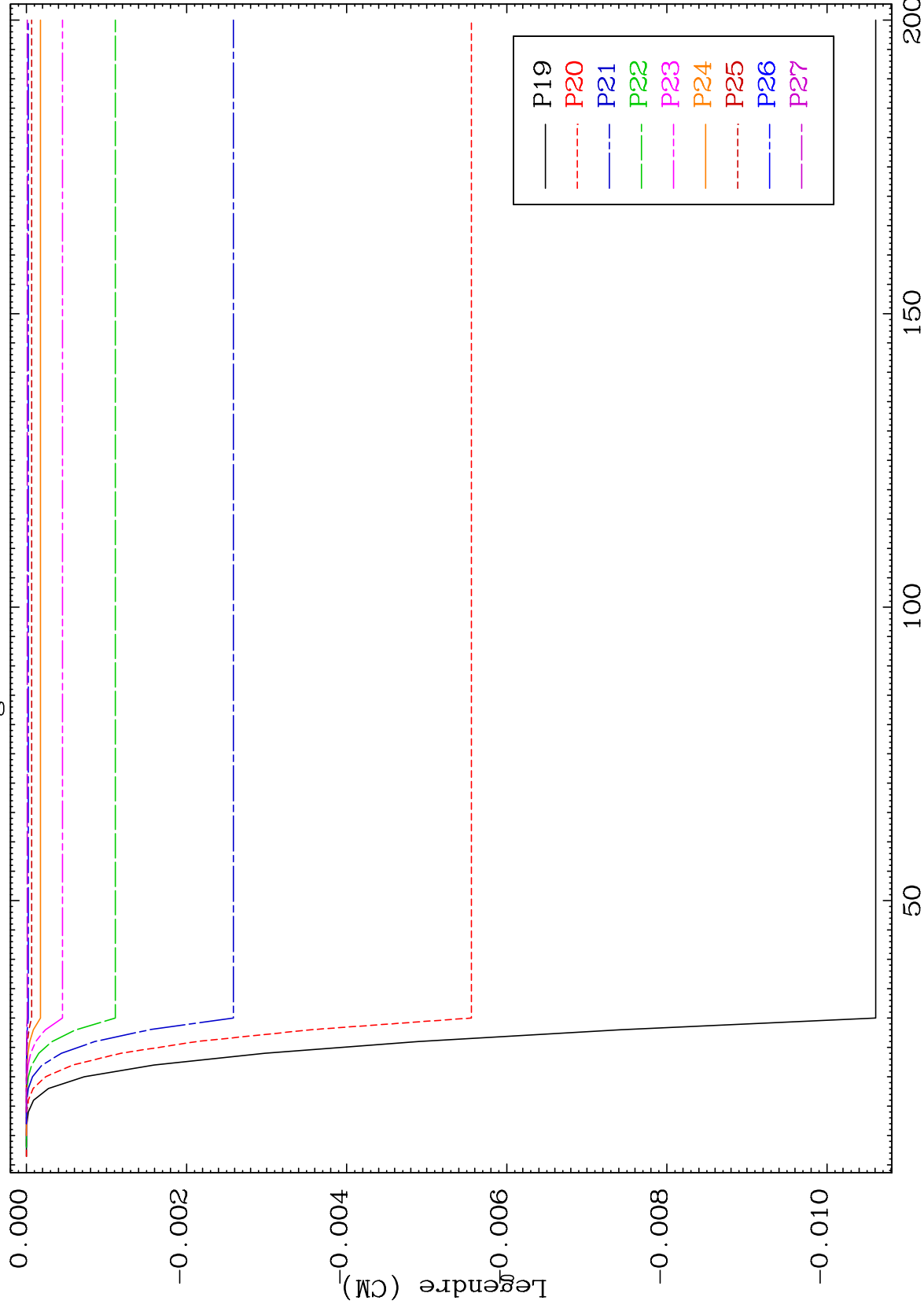
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



38

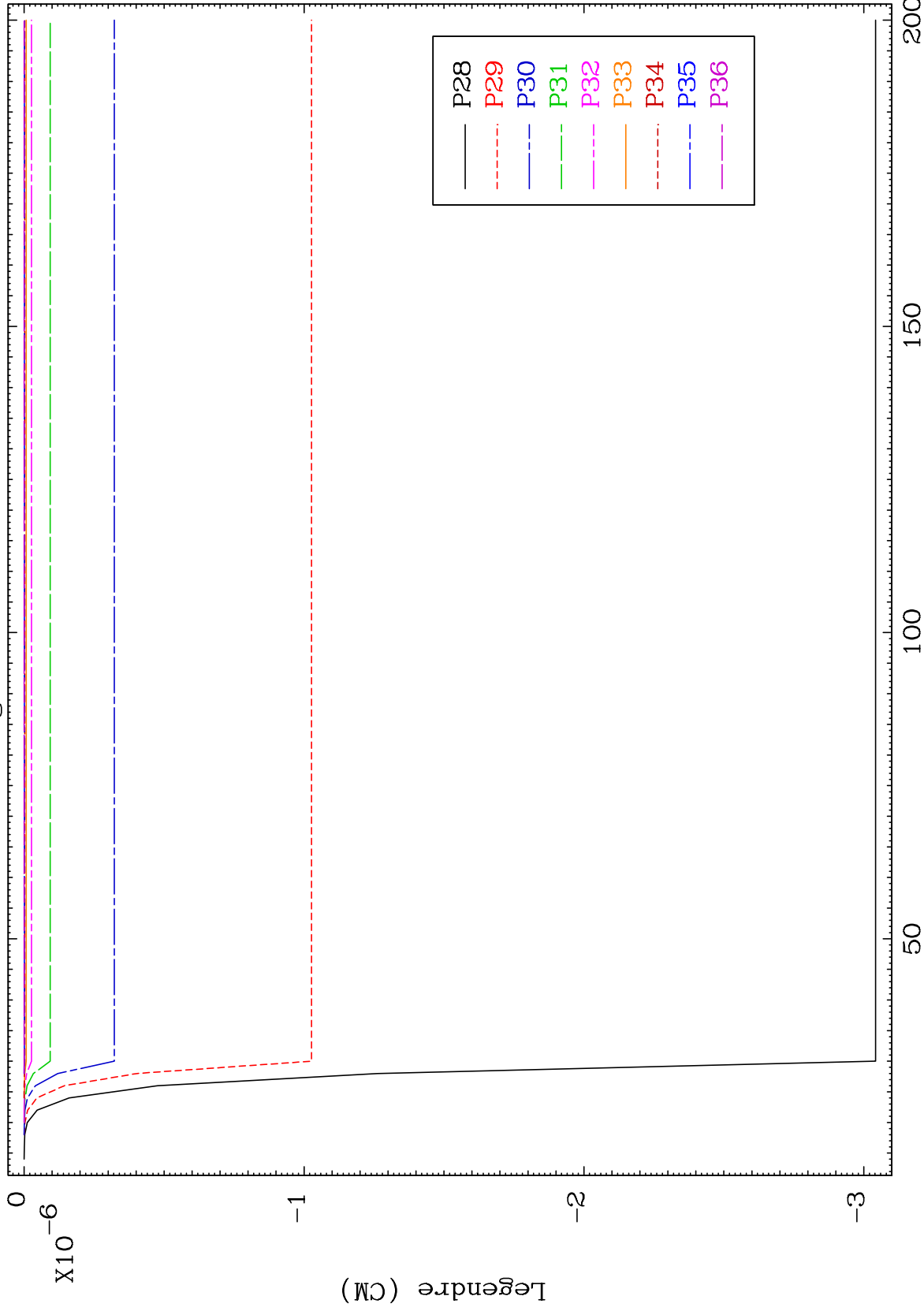
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



39

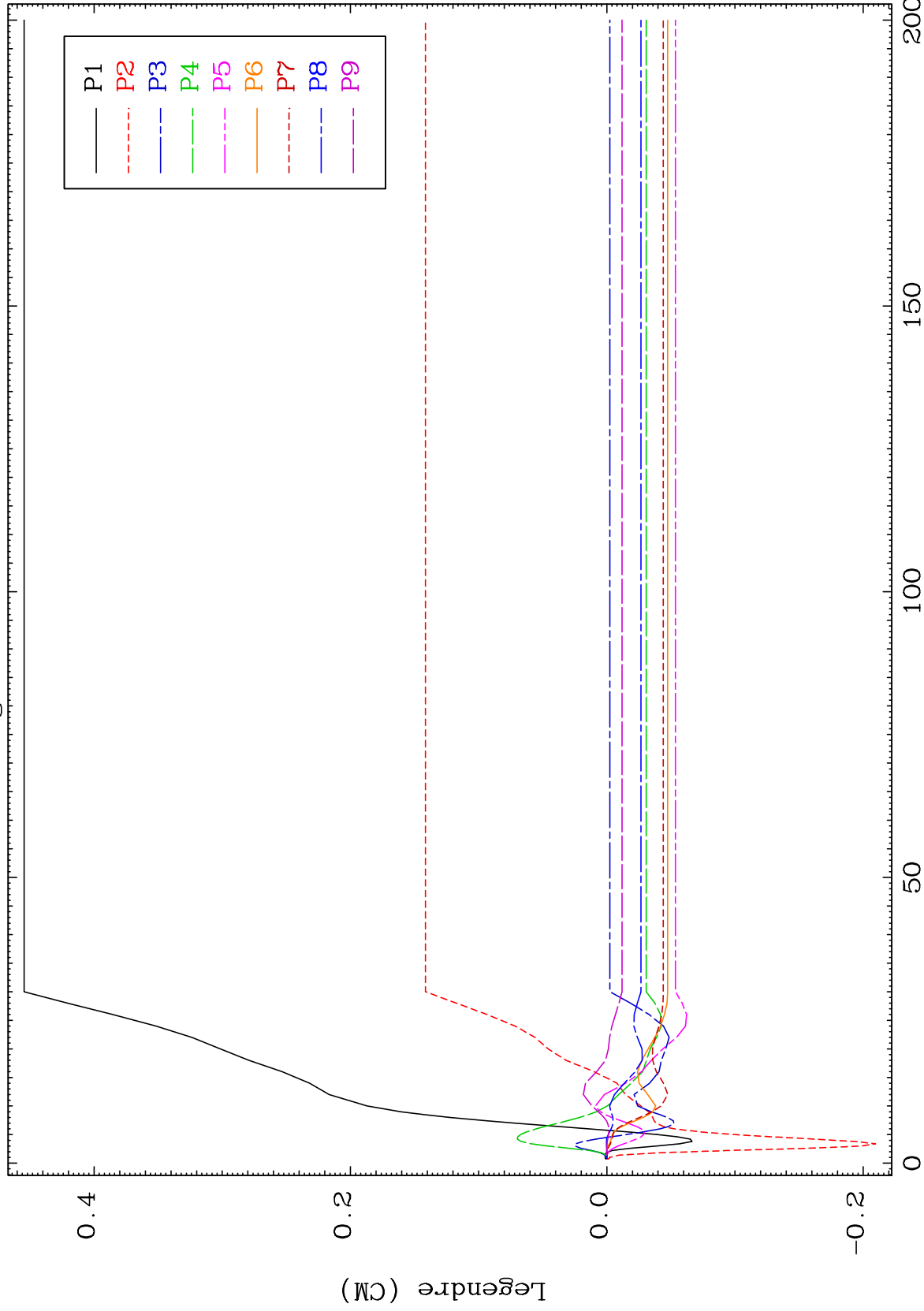
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



40

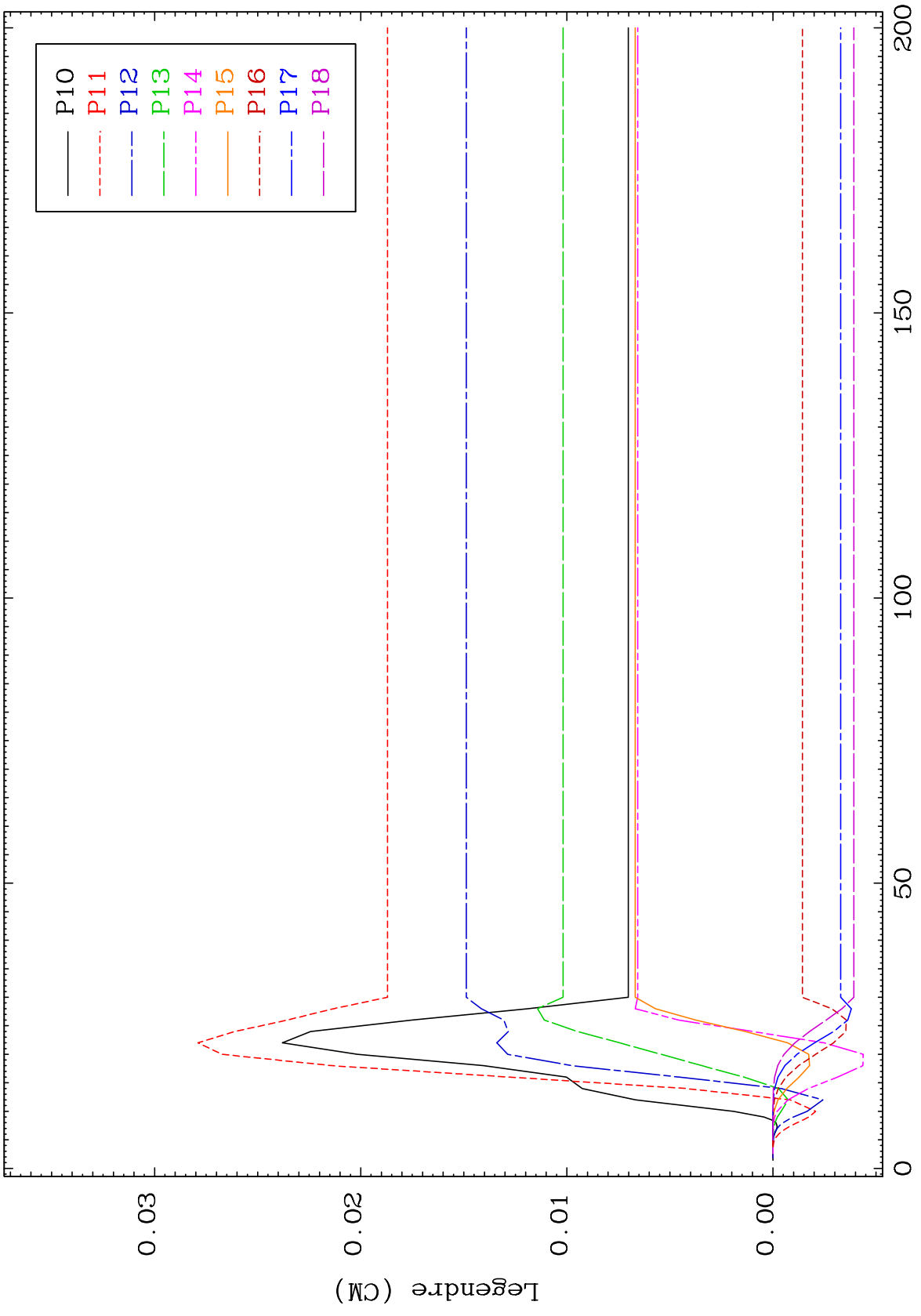
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



41

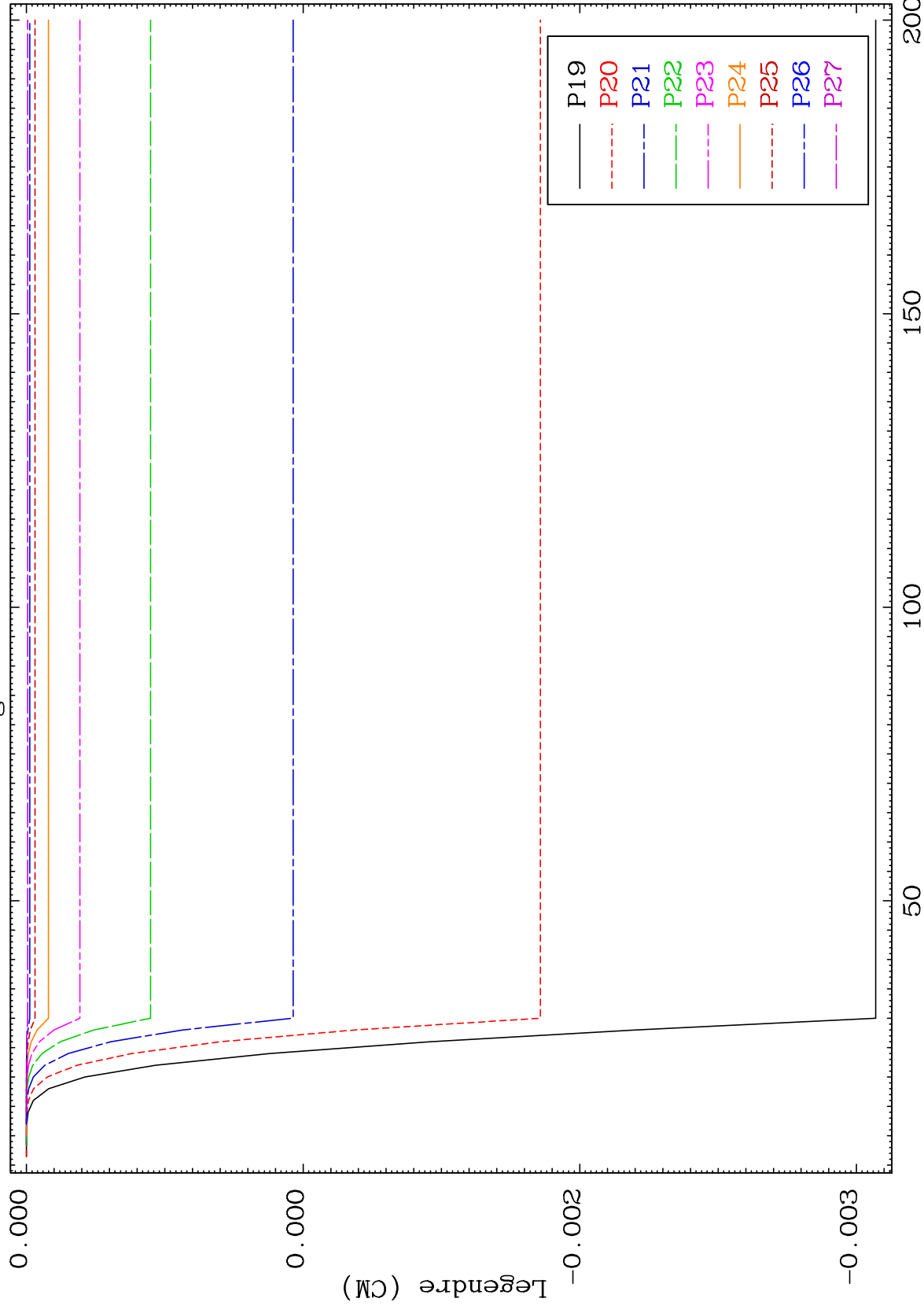
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



42

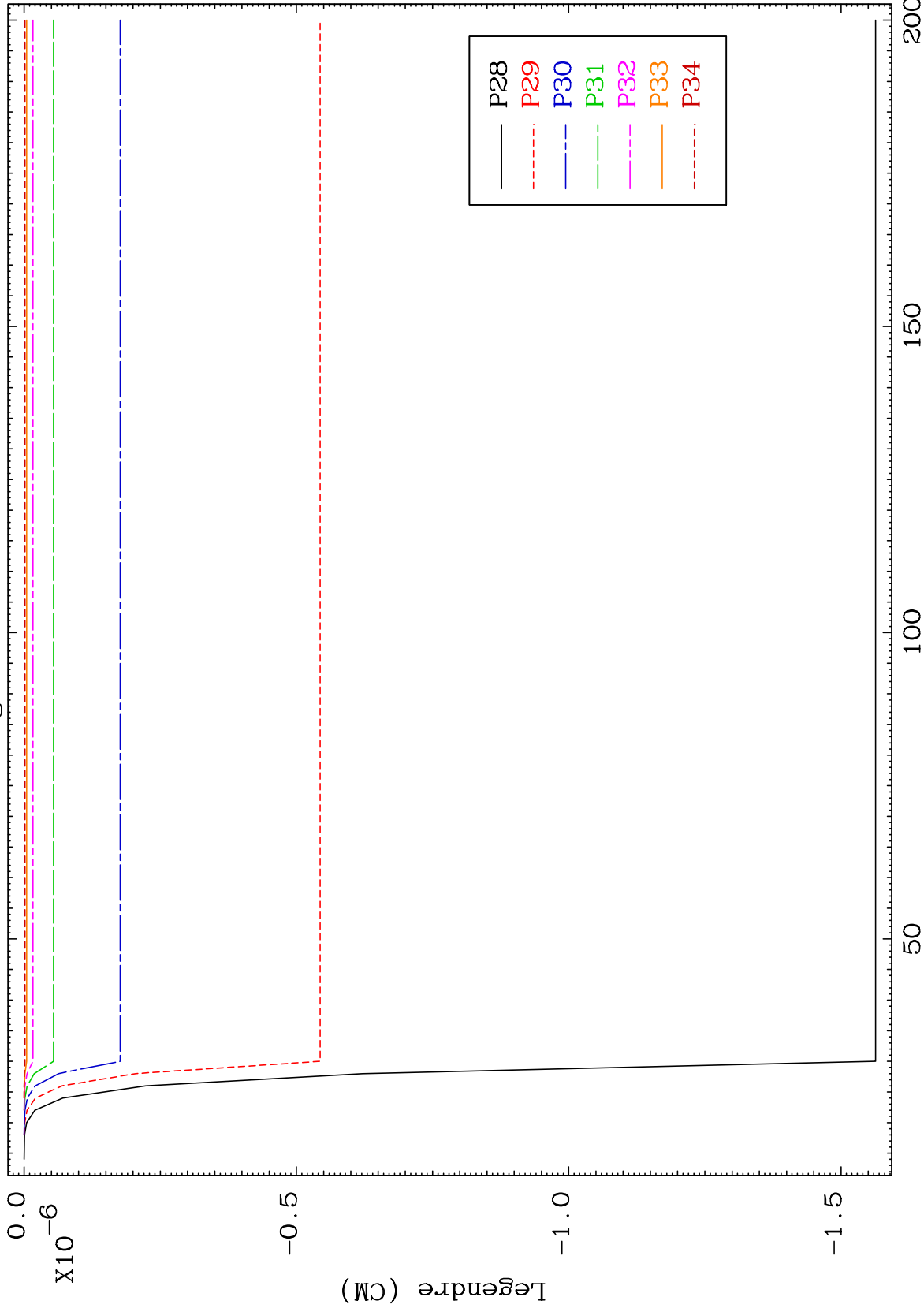
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



43

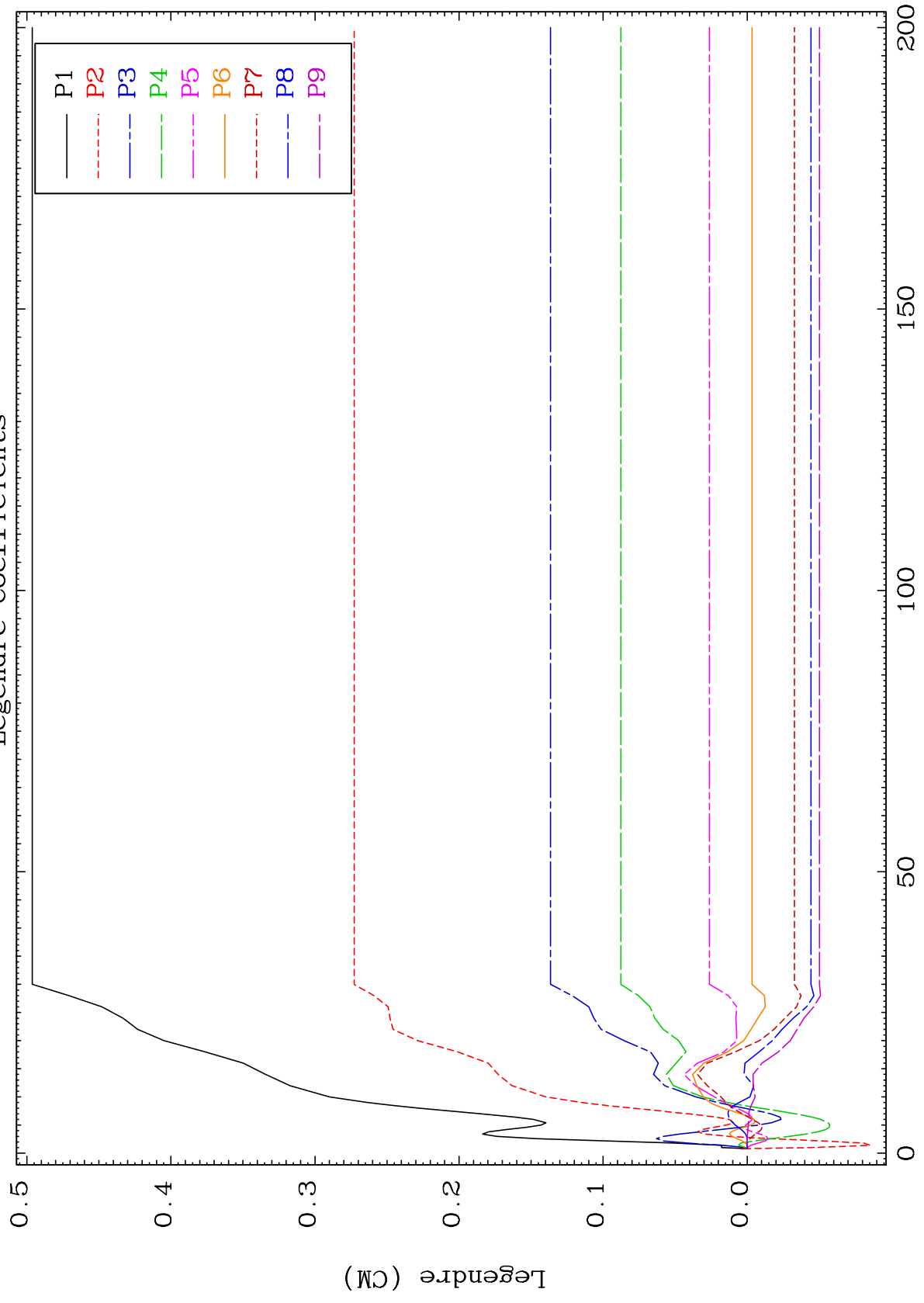
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



44

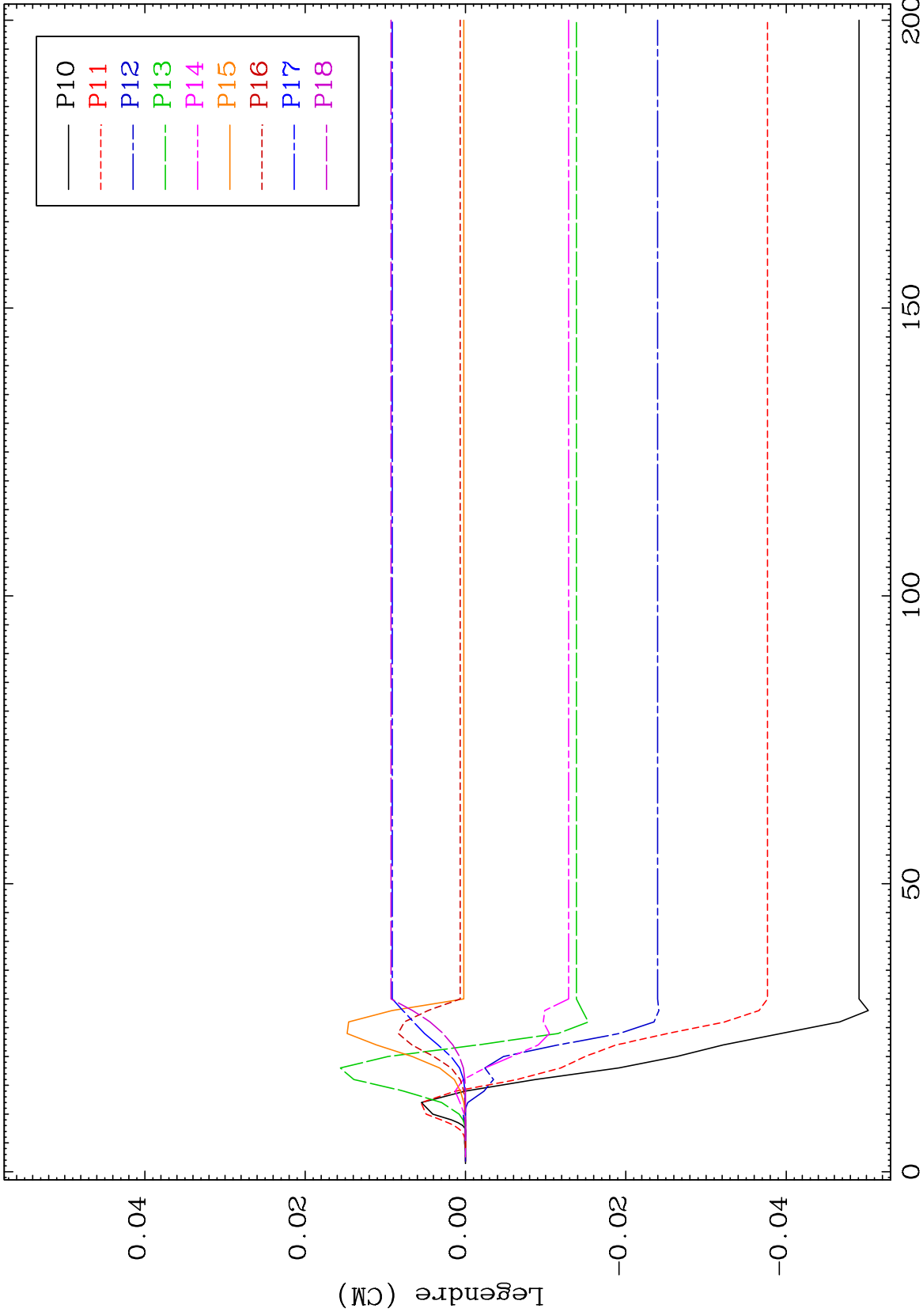
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



45

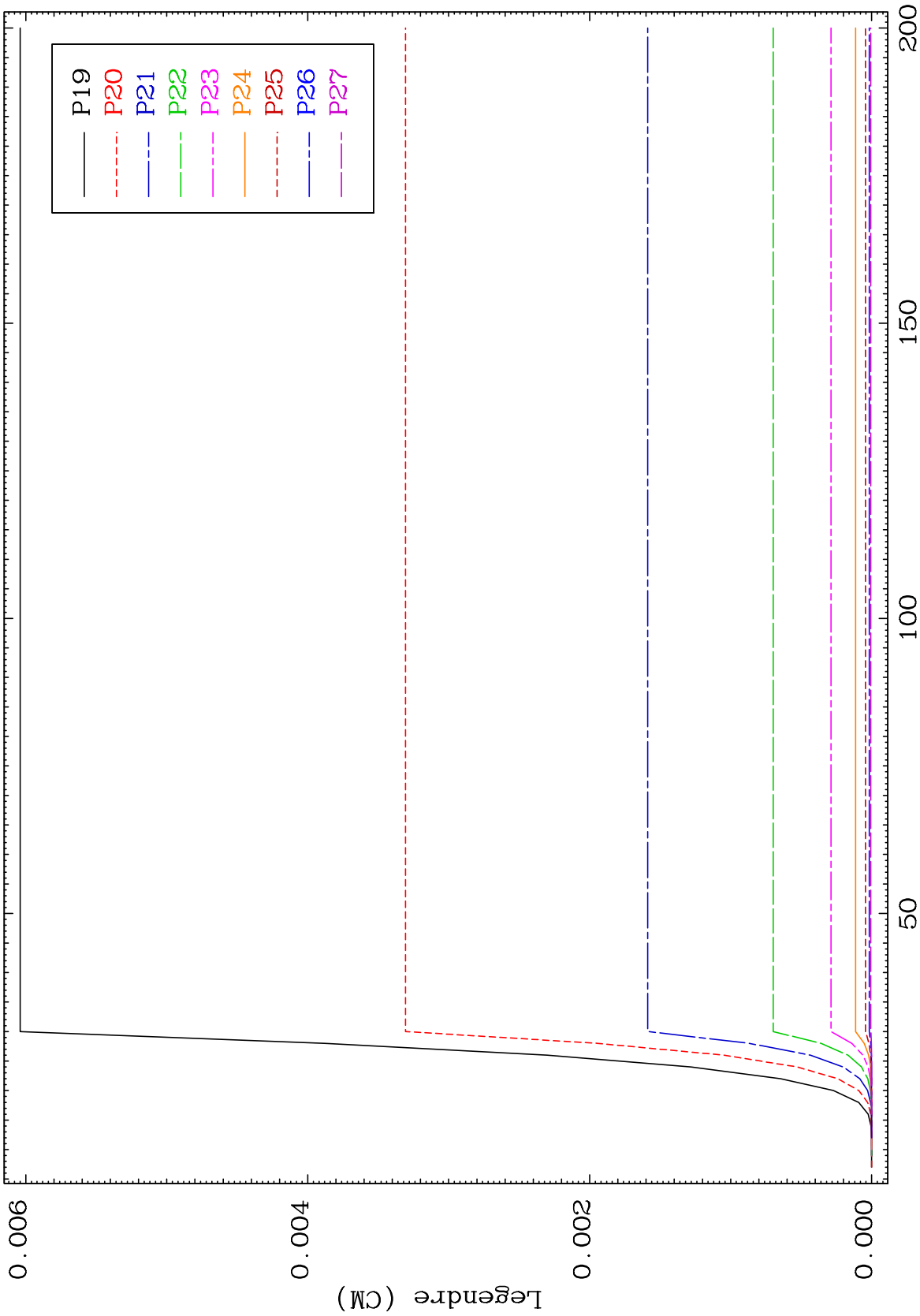
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



46

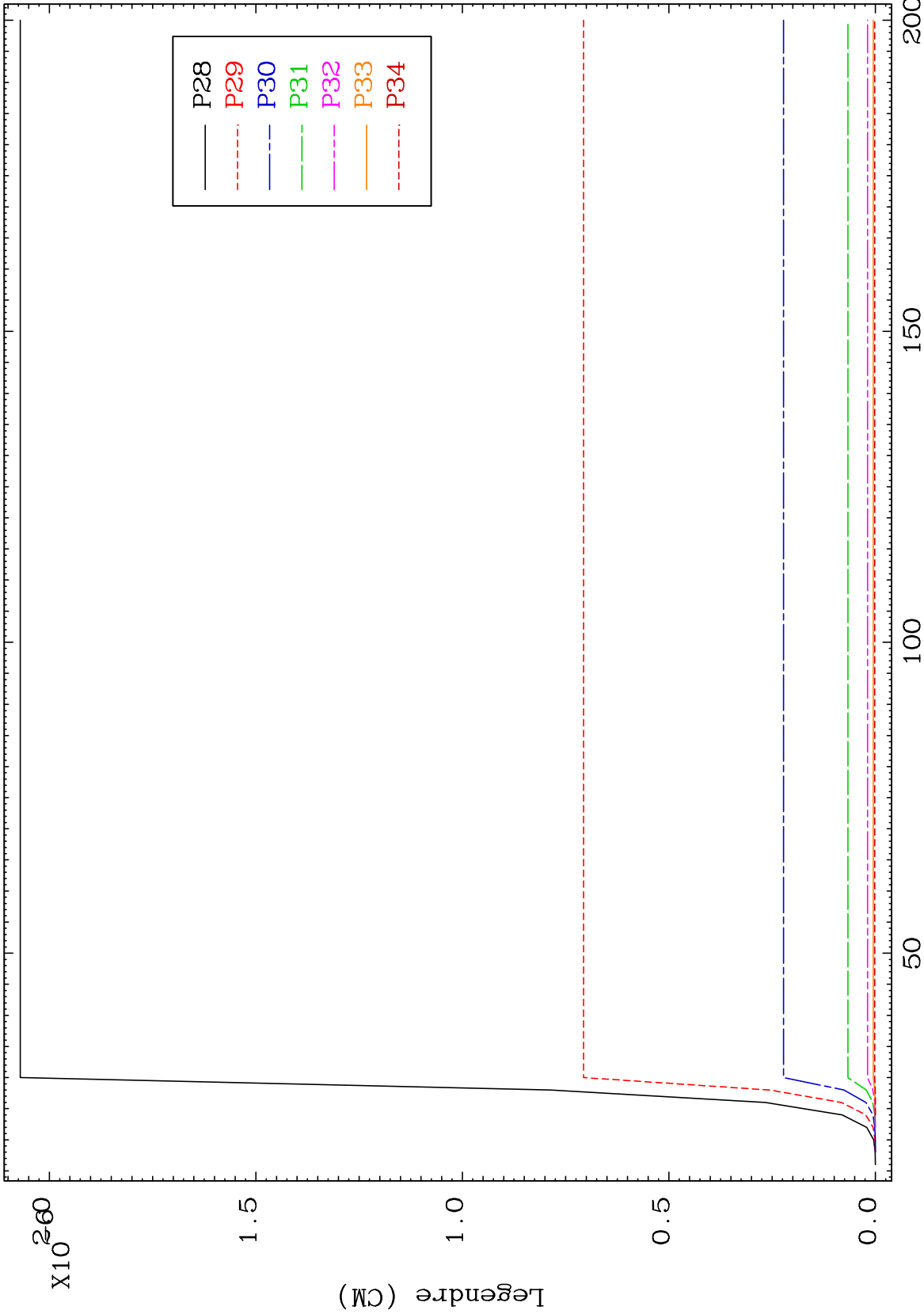
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47

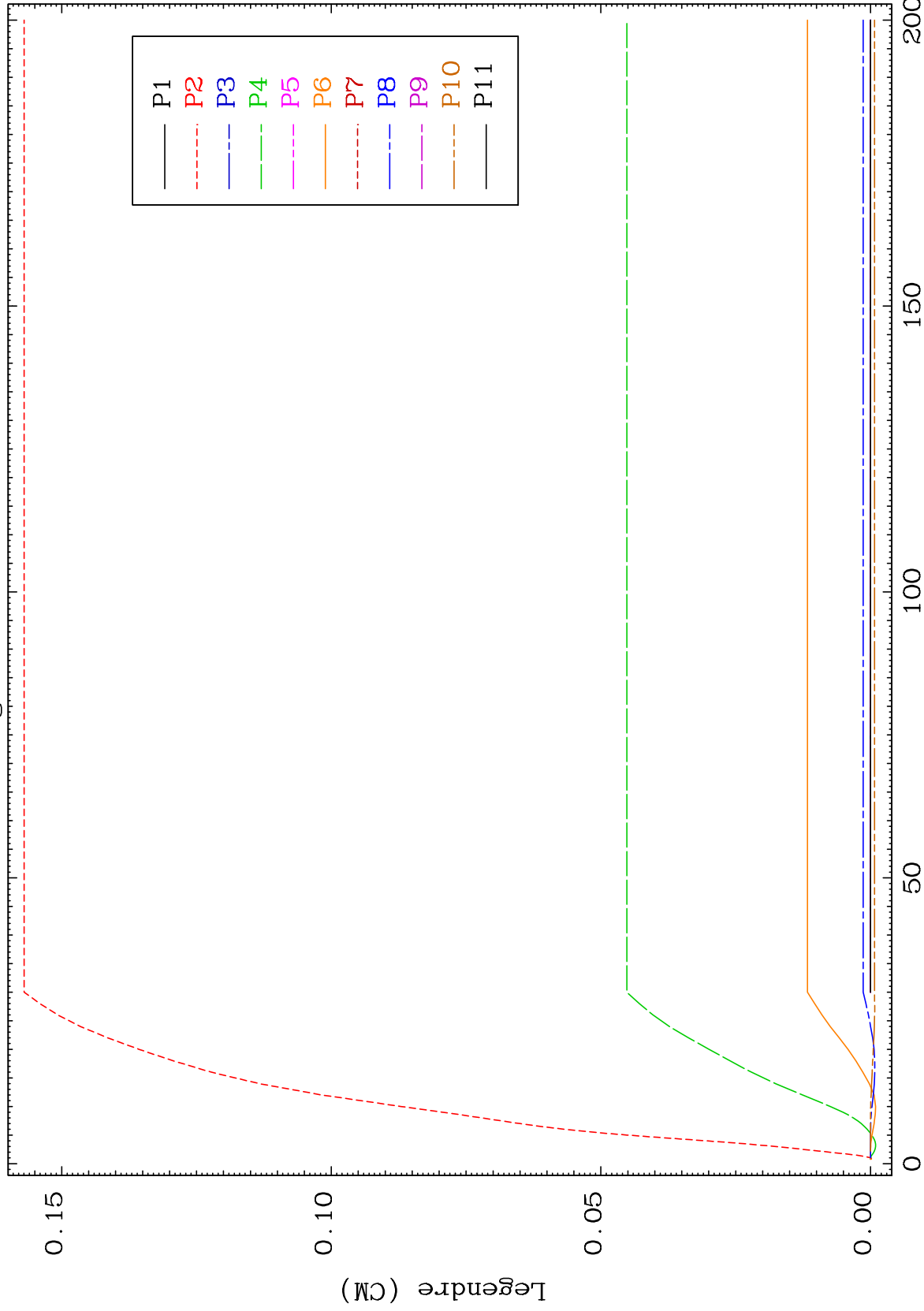
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



48

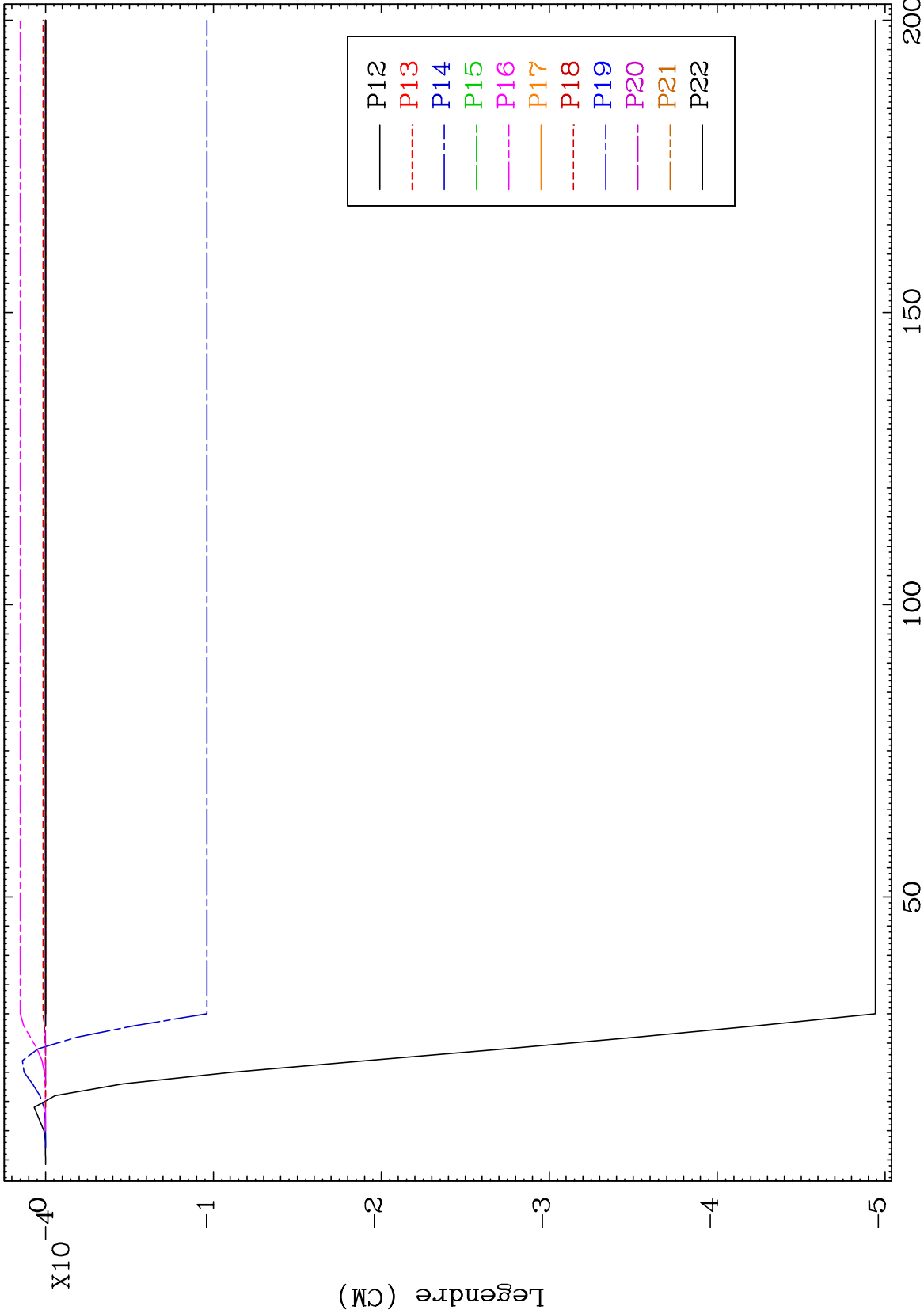
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



49

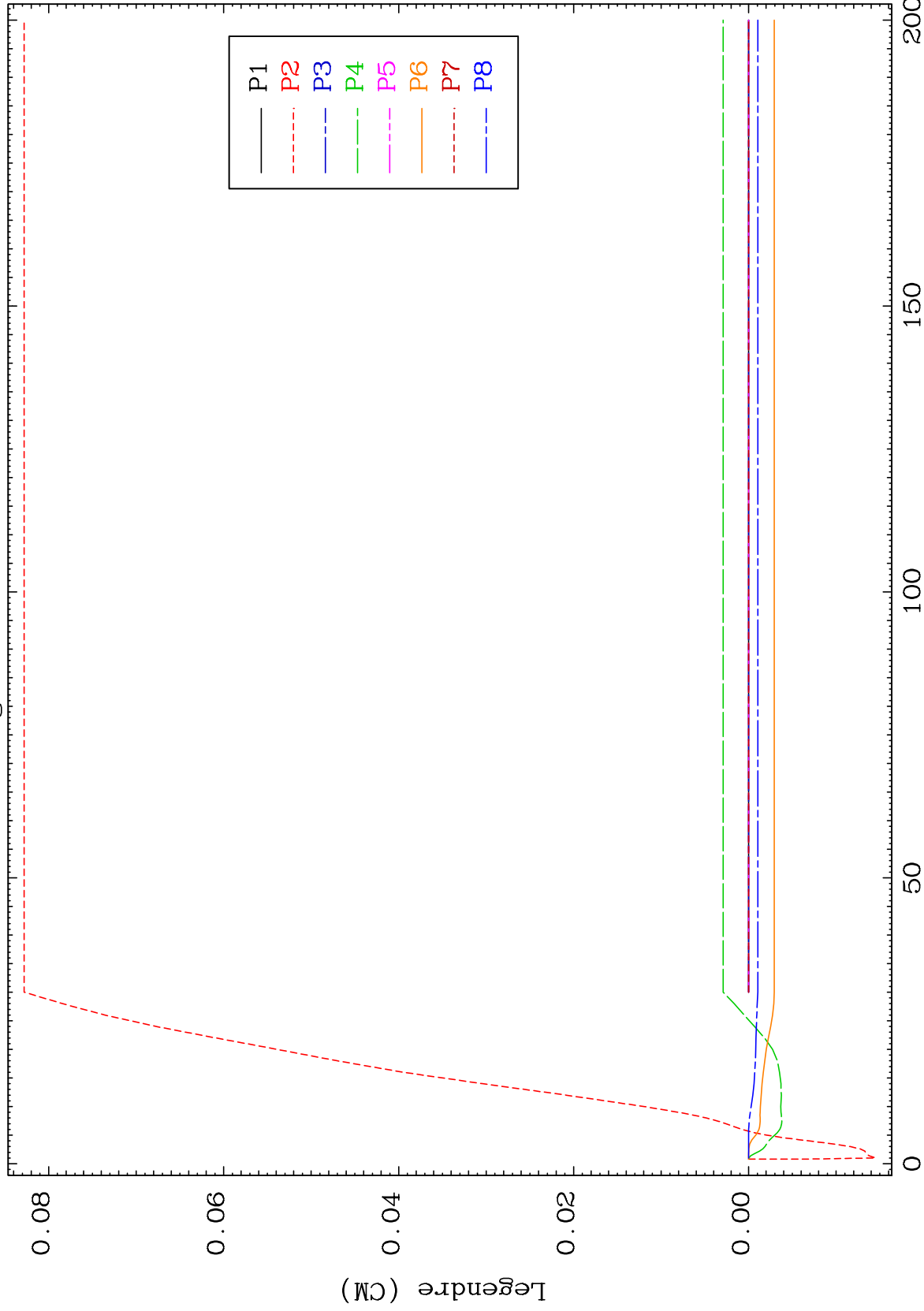
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

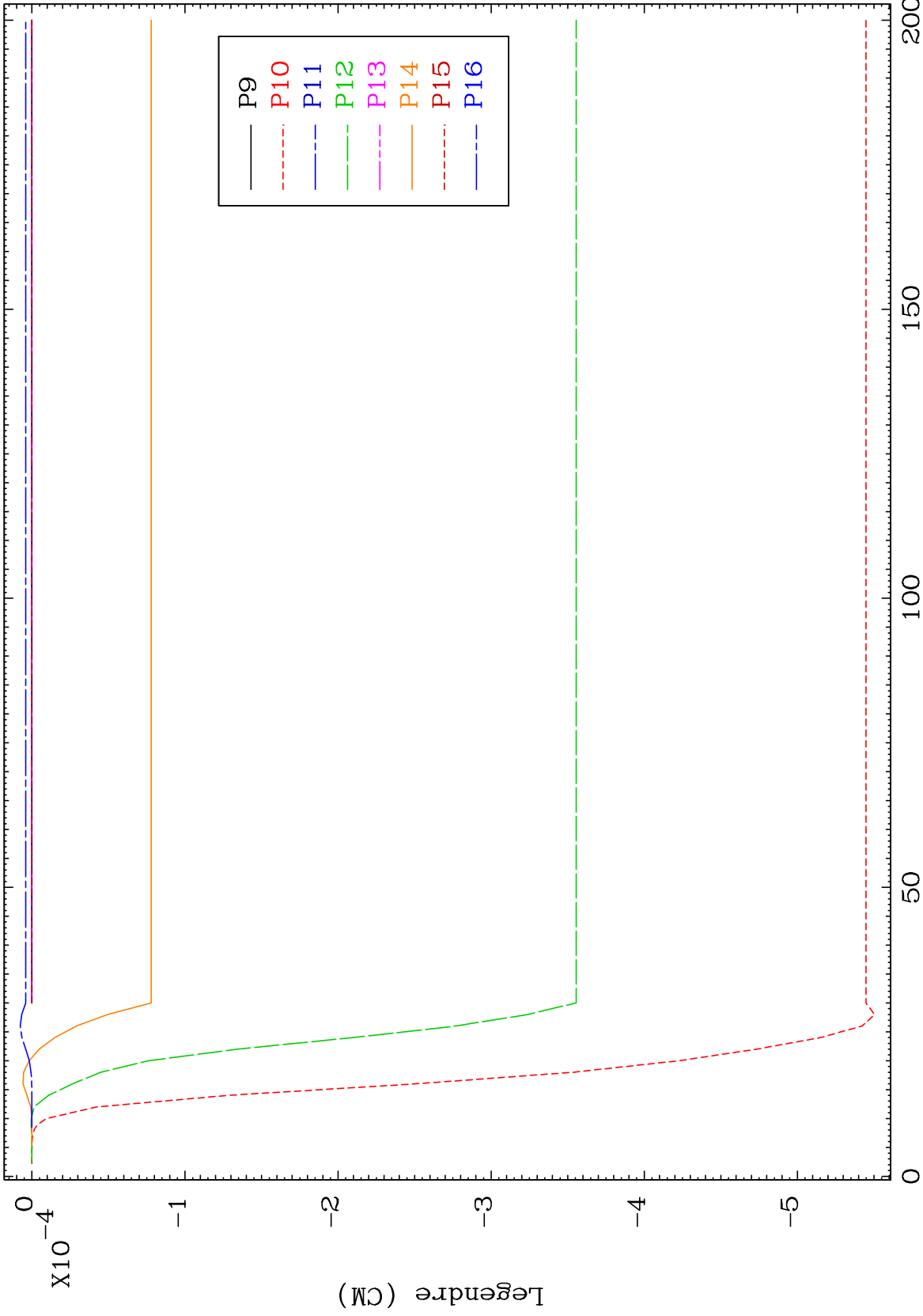
Incident Energy (MeV)

50

MAT 4740

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

47-Ag-112



51

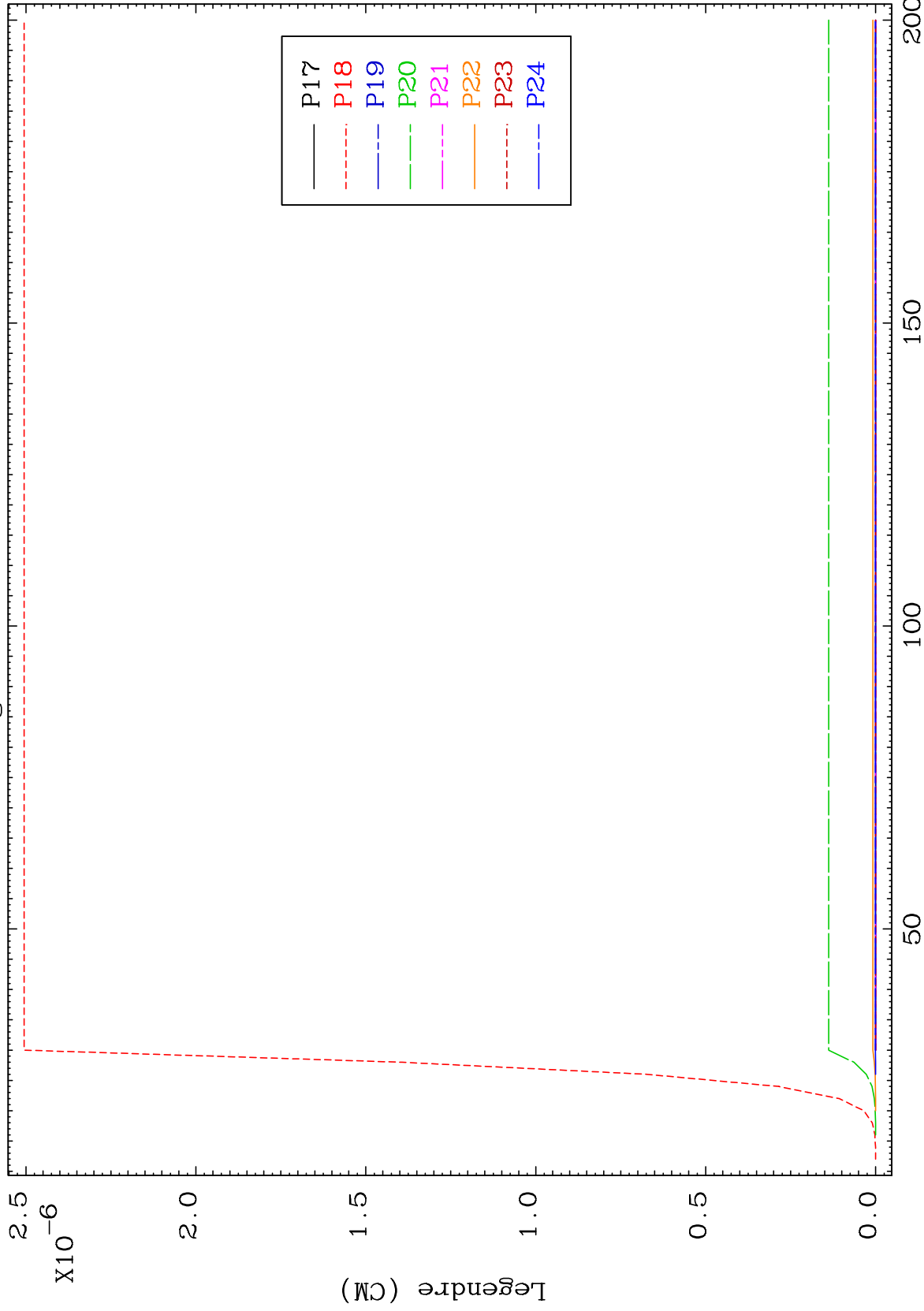
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



52

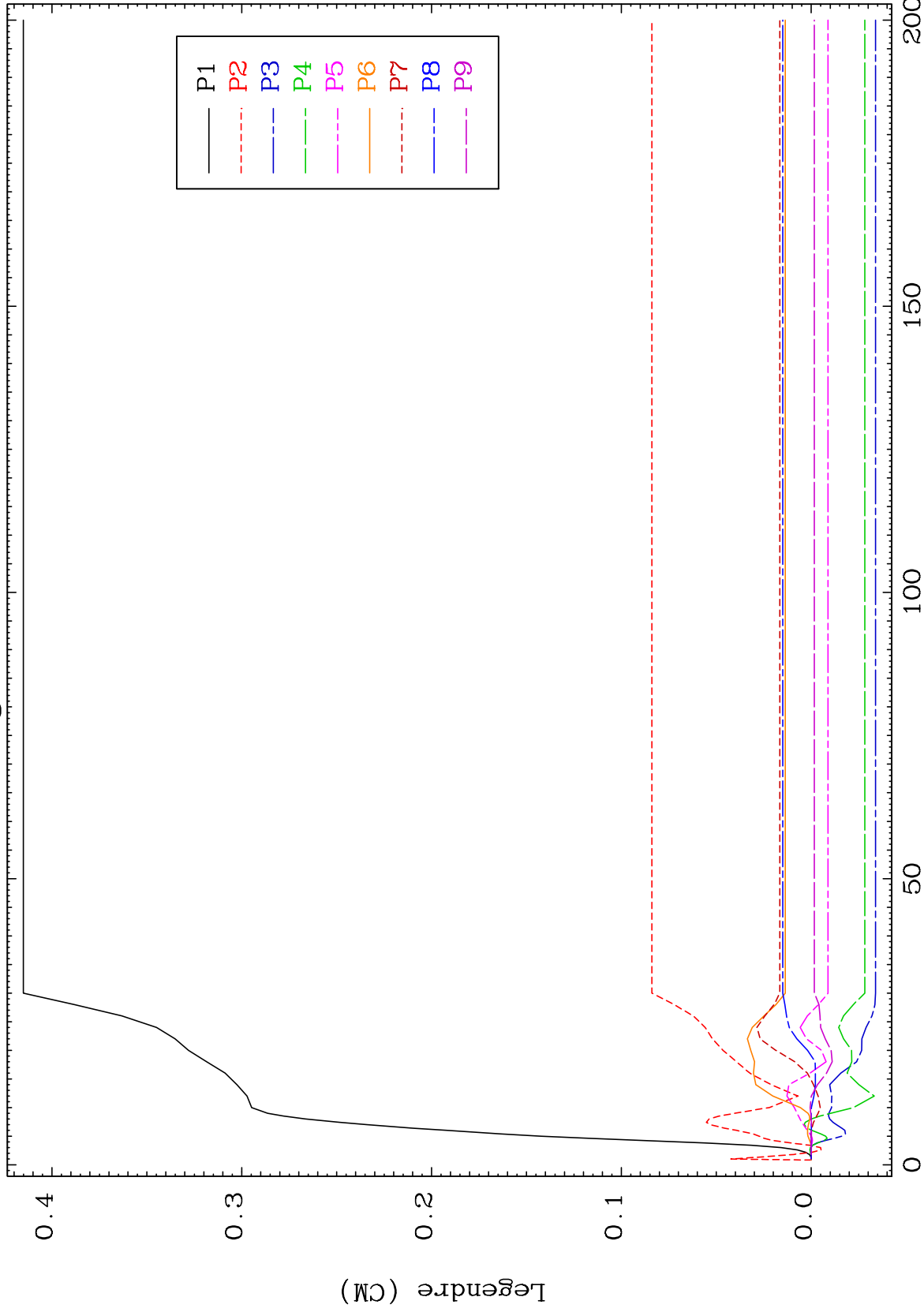
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



53

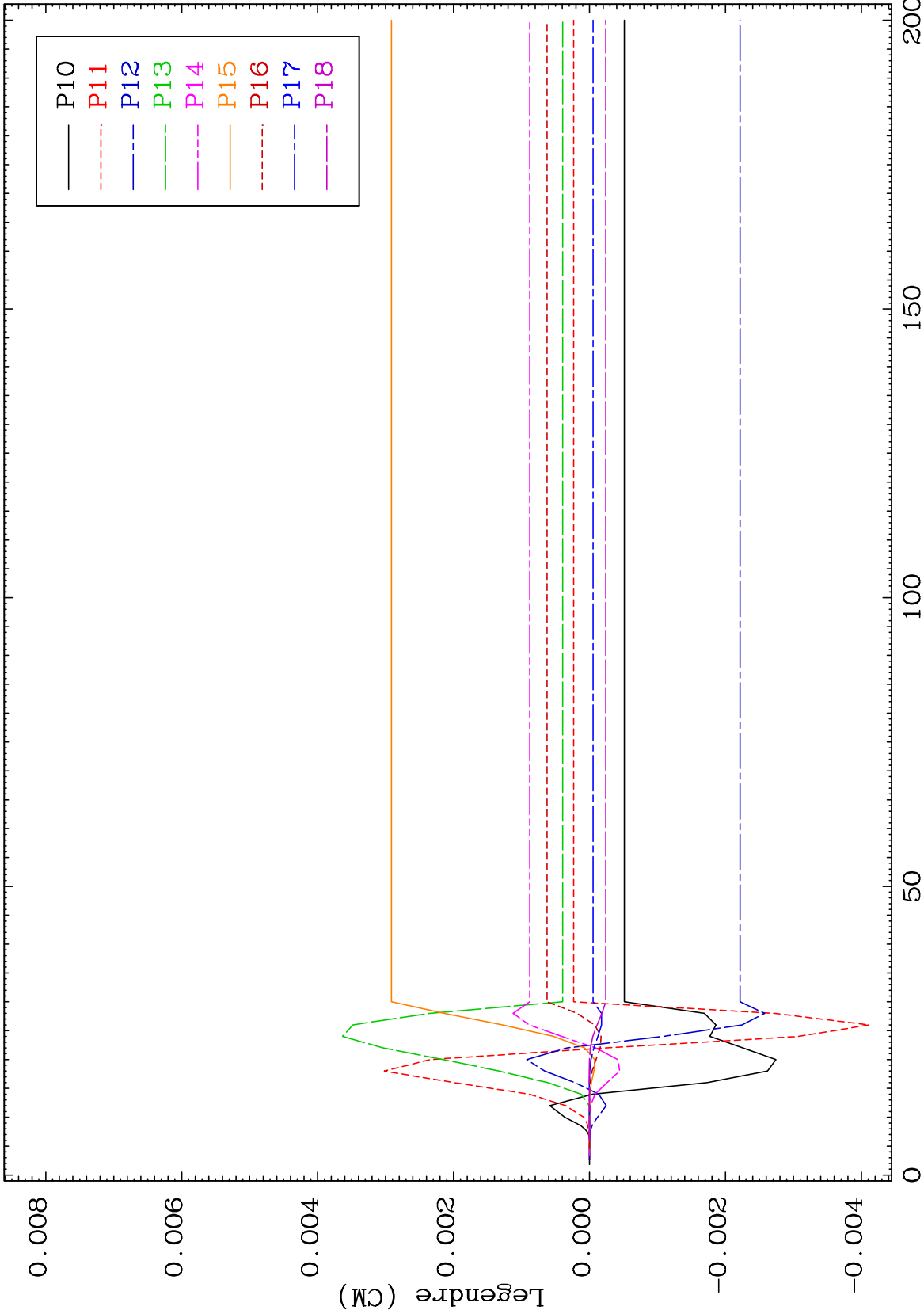
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



54

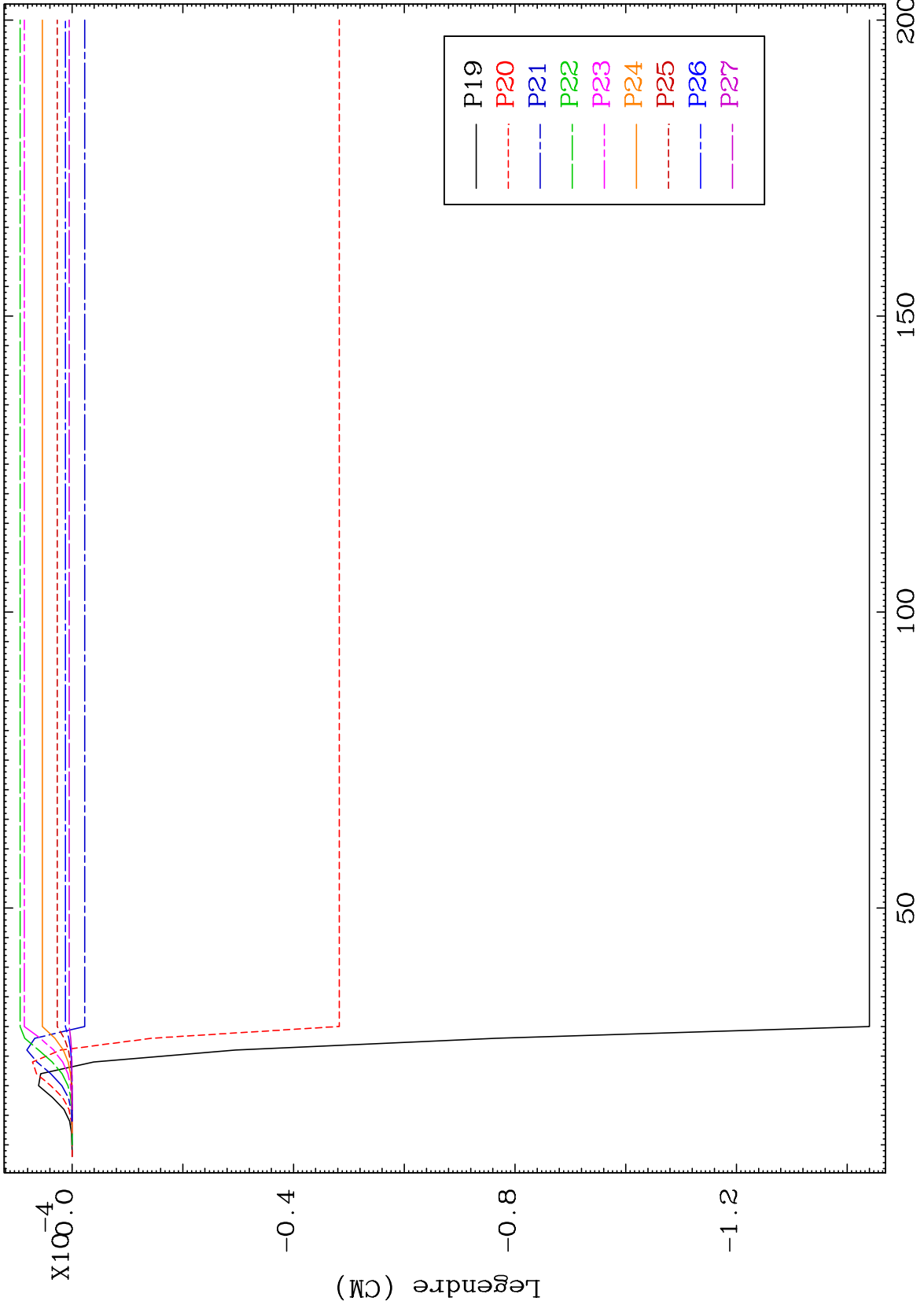
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



55

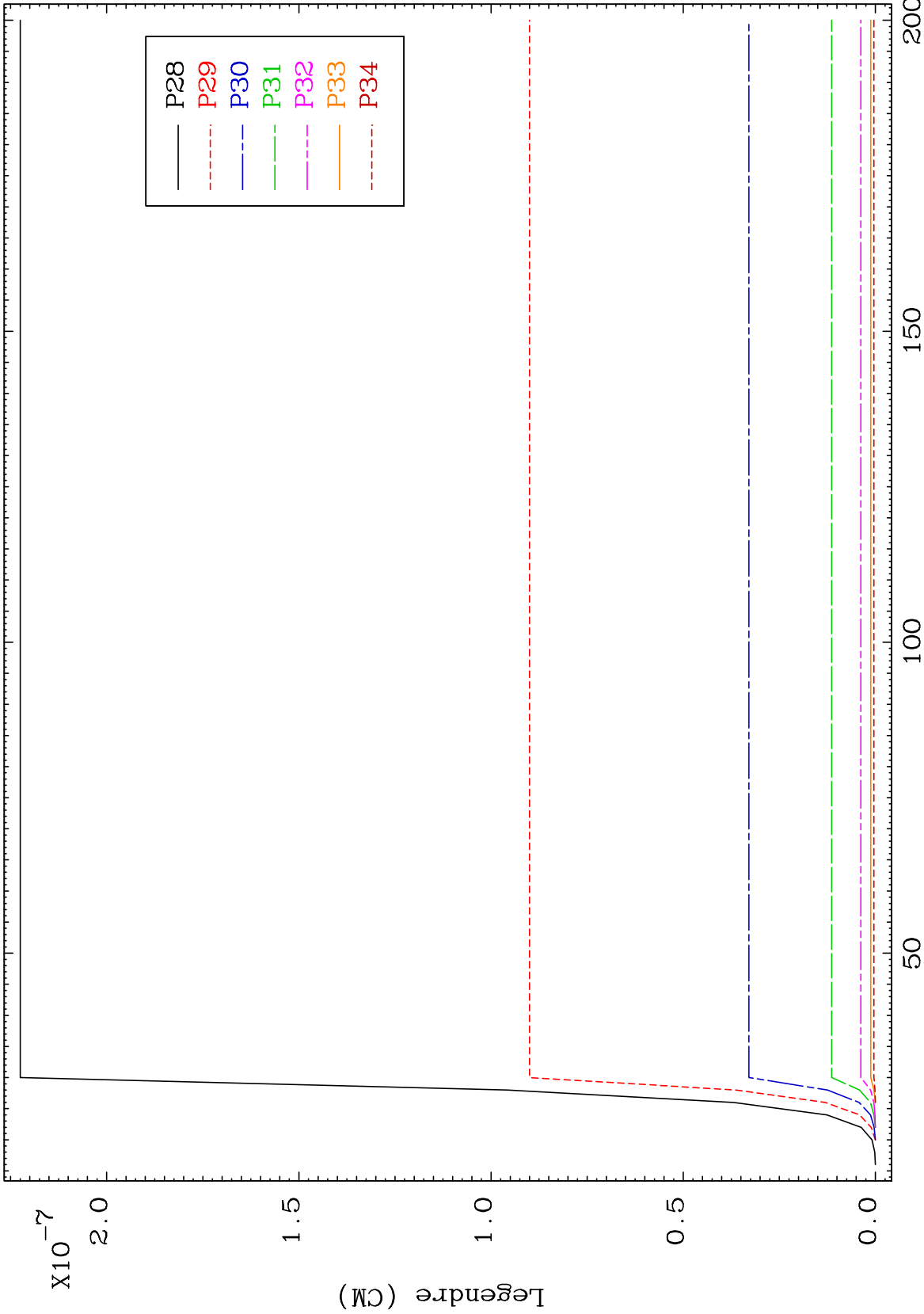
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



56

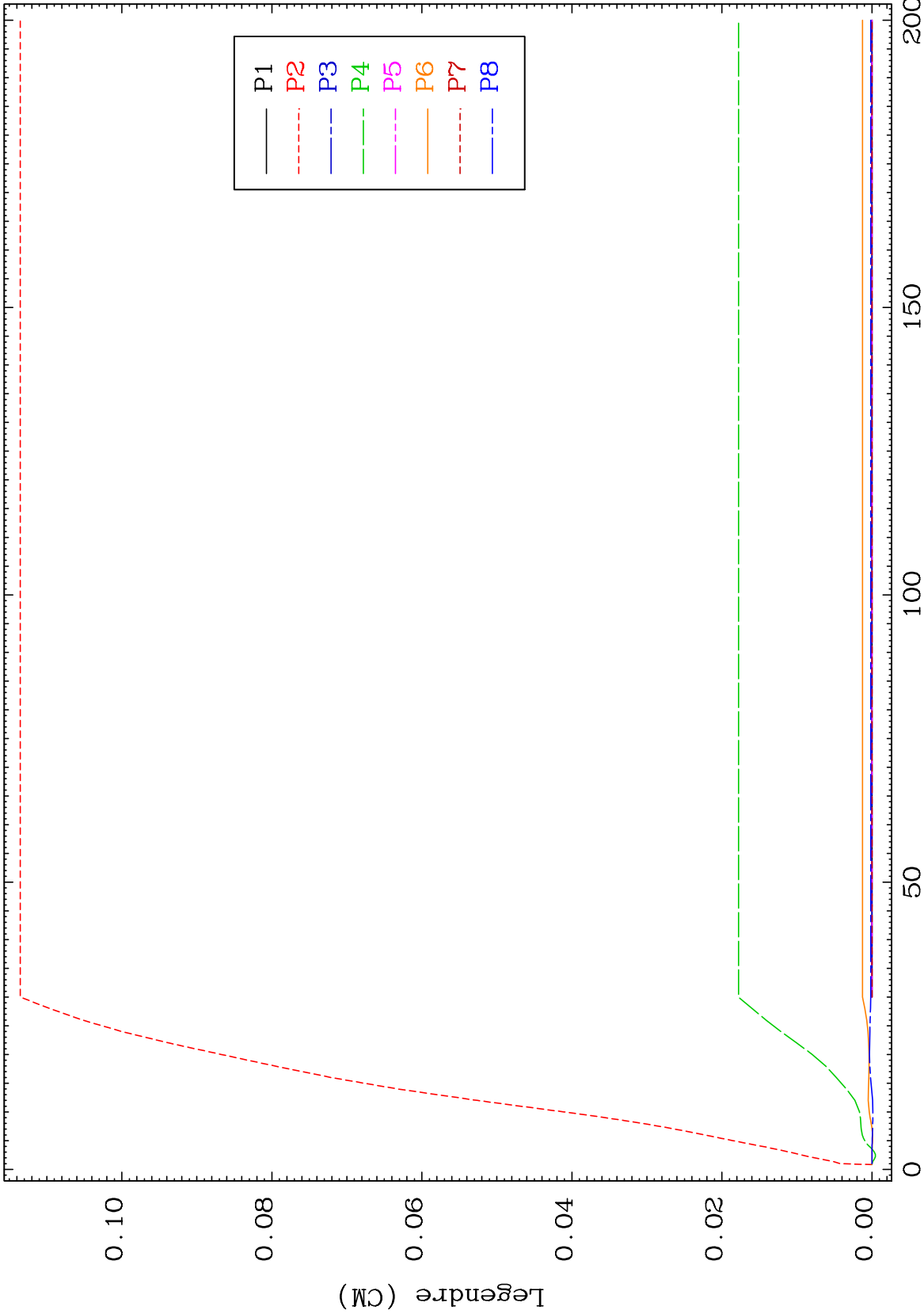
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



57

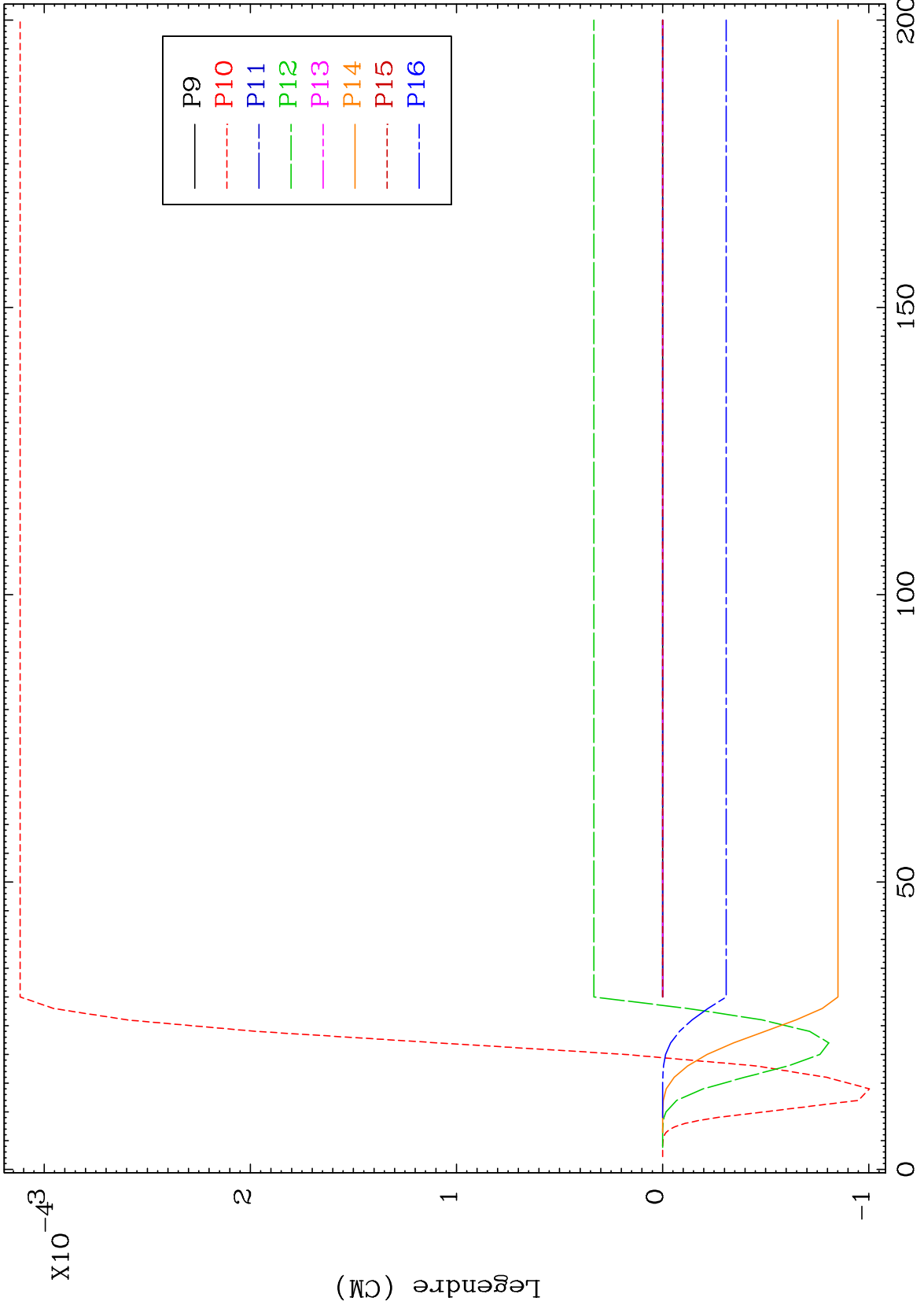
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



58

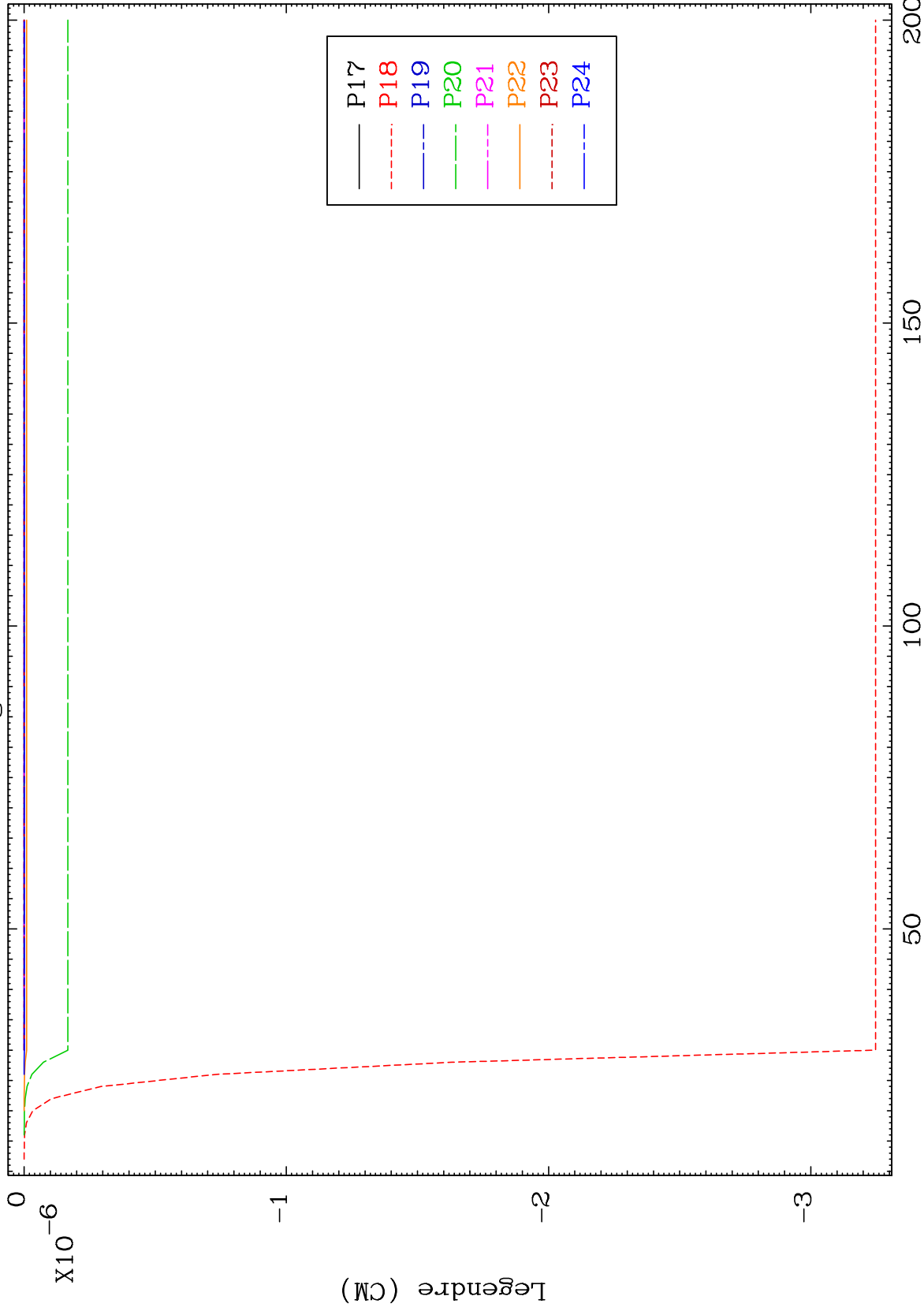
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



59

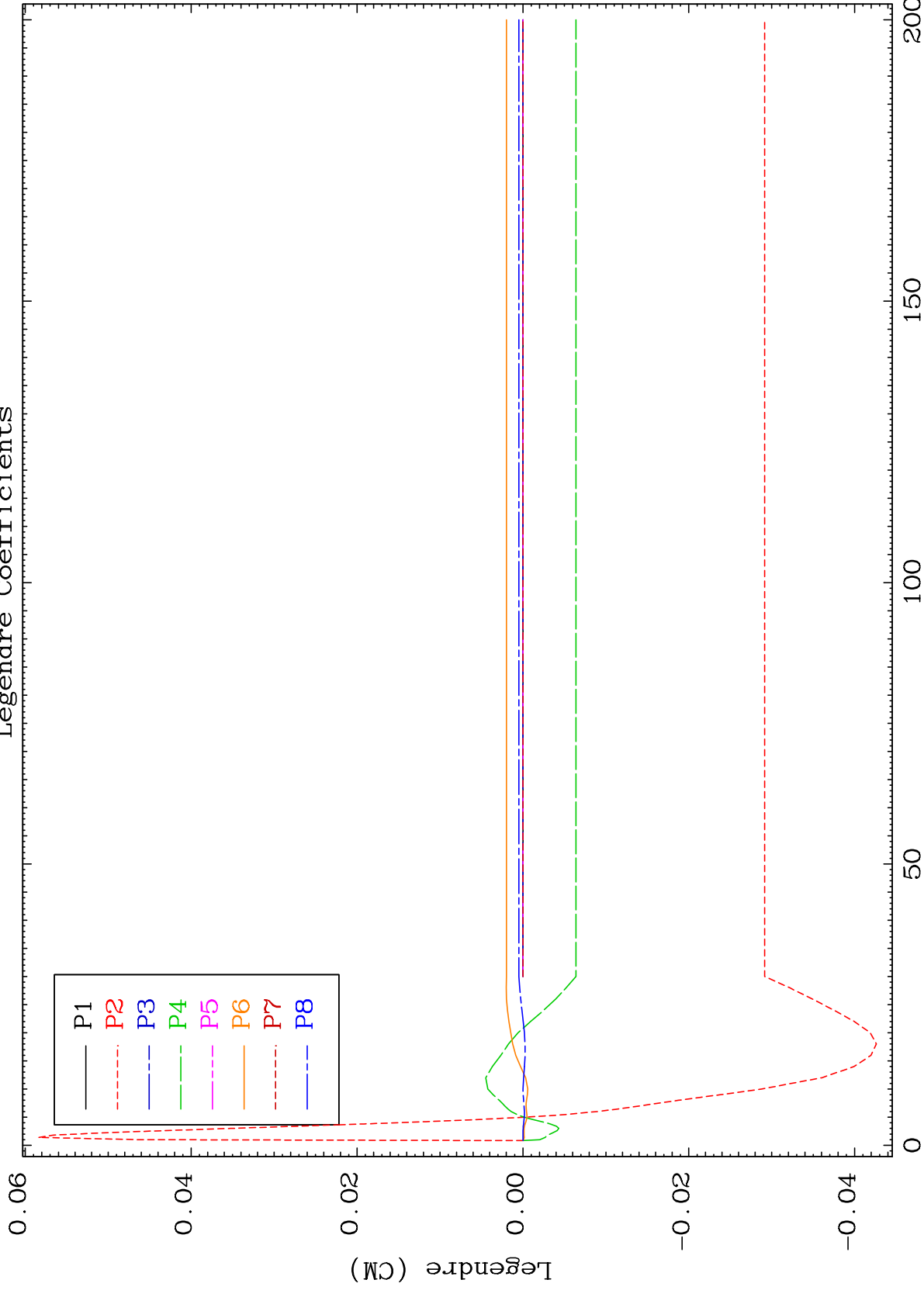
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



60

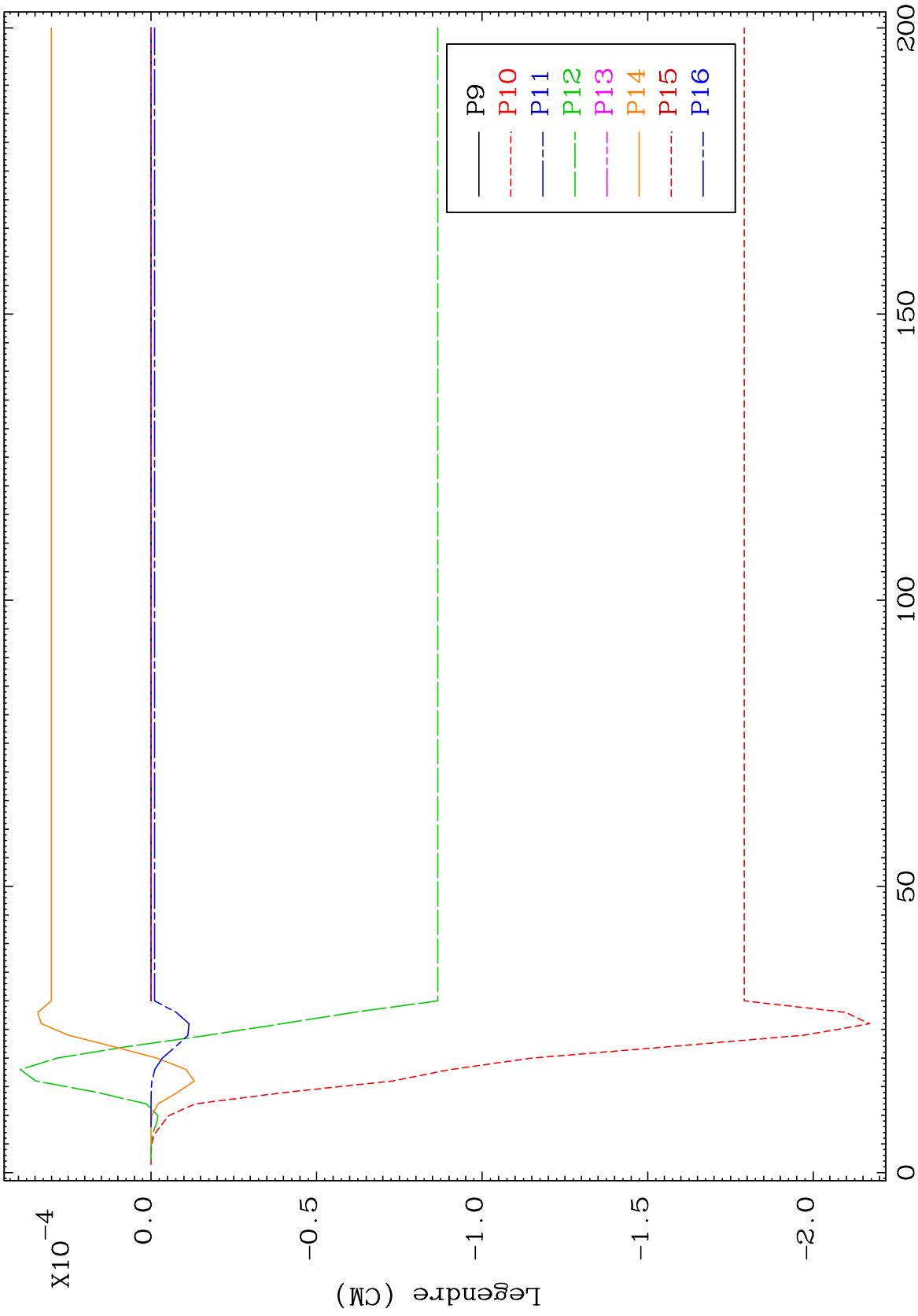
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



61

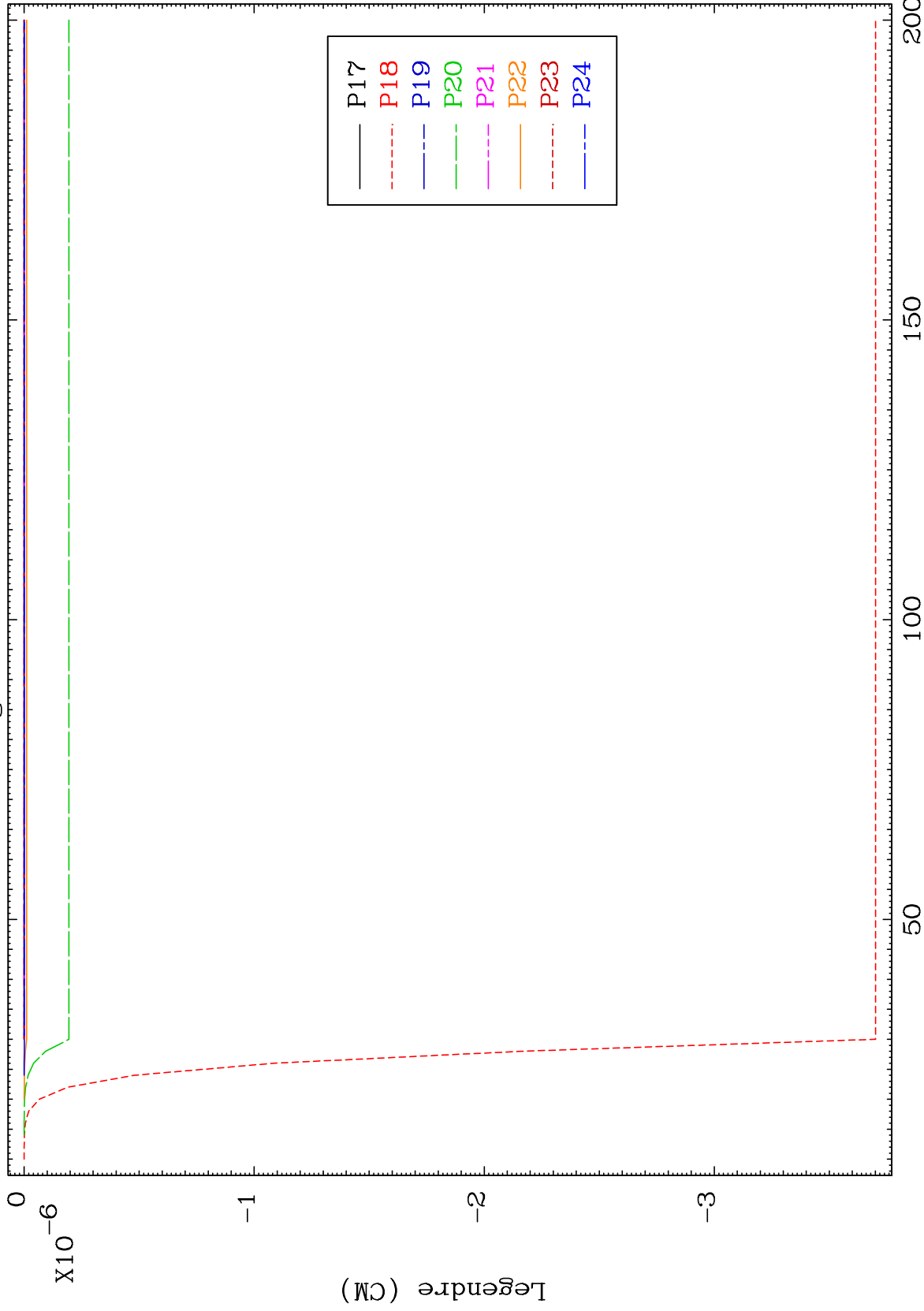
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



62

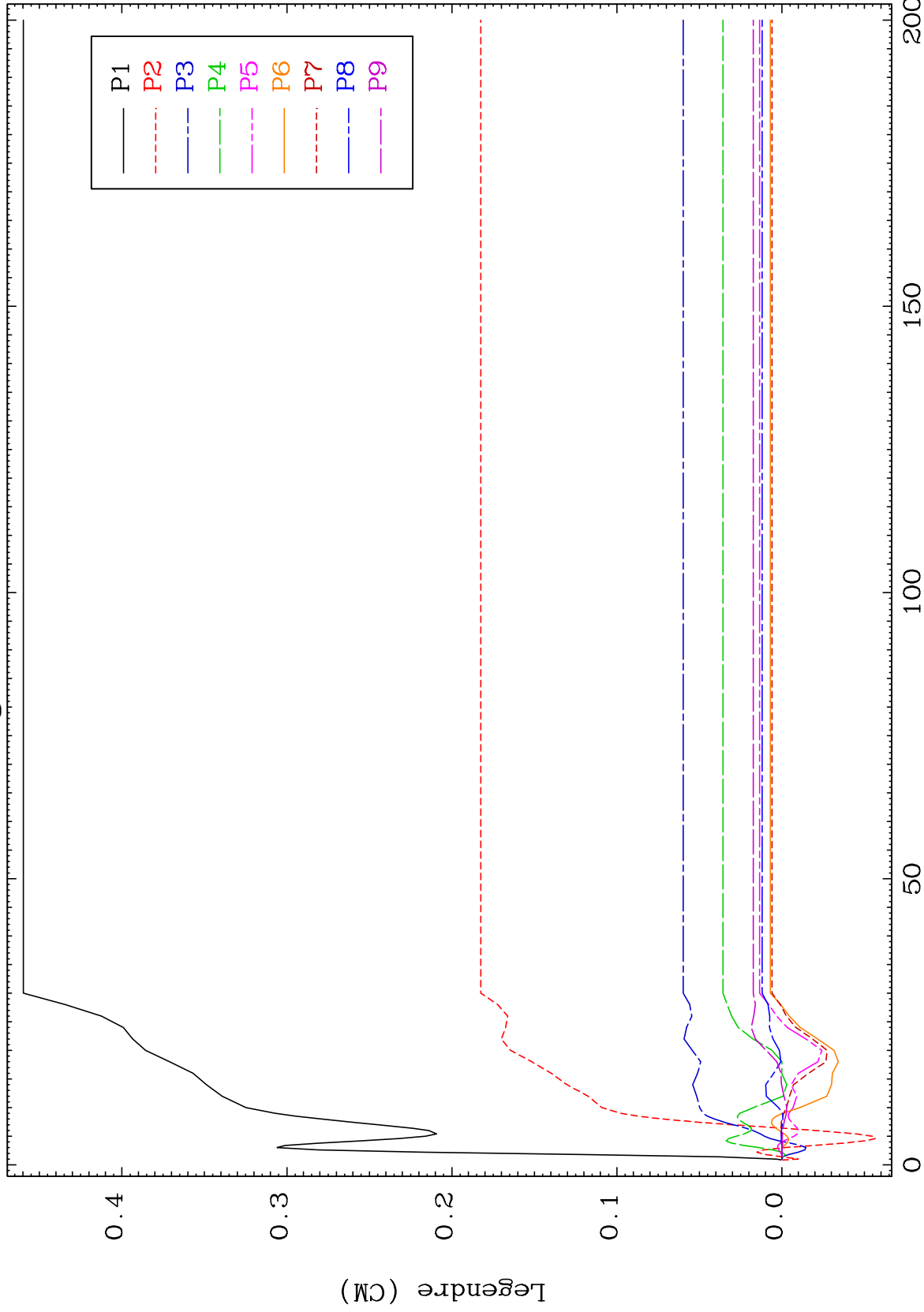
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



63

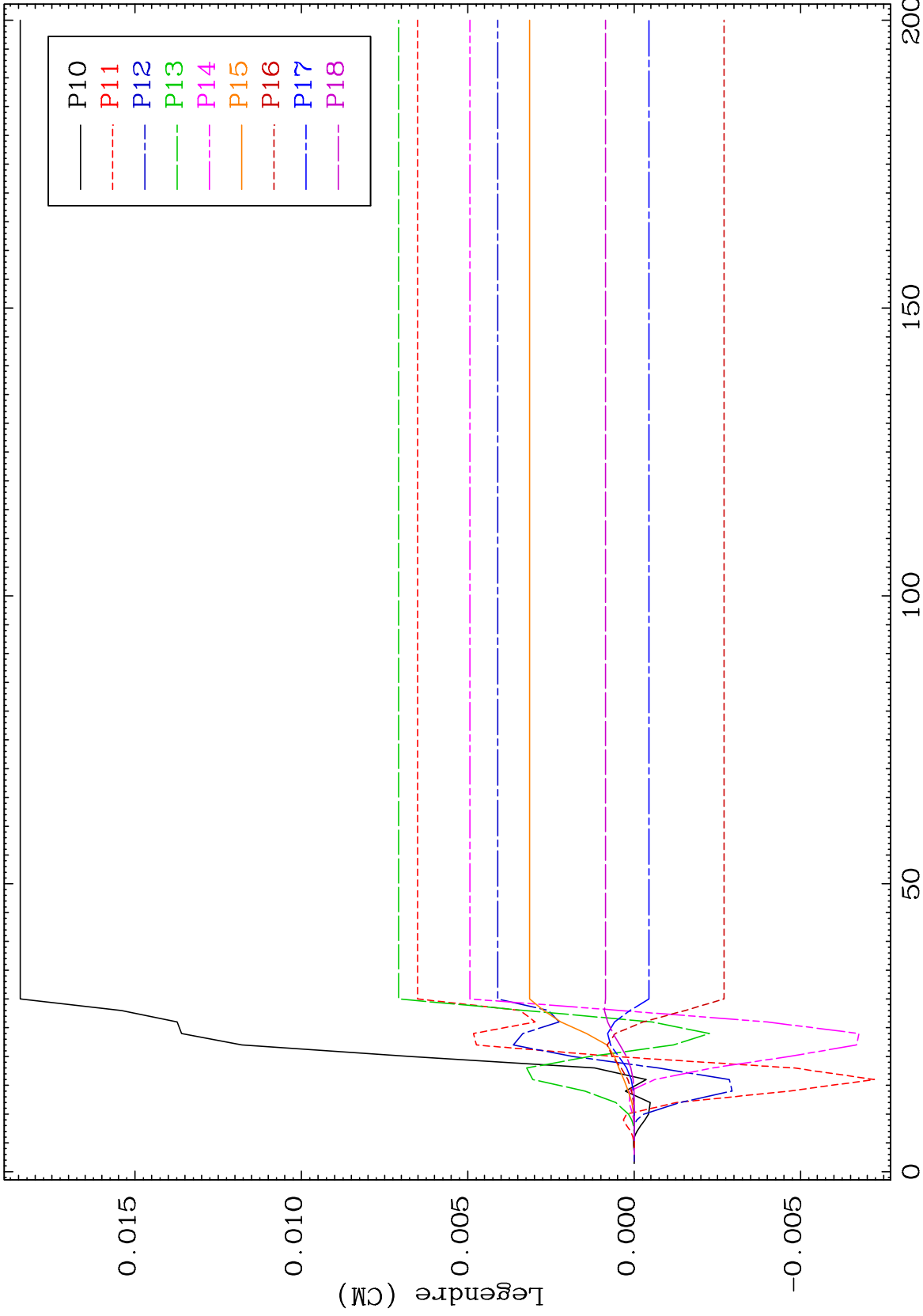
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



64

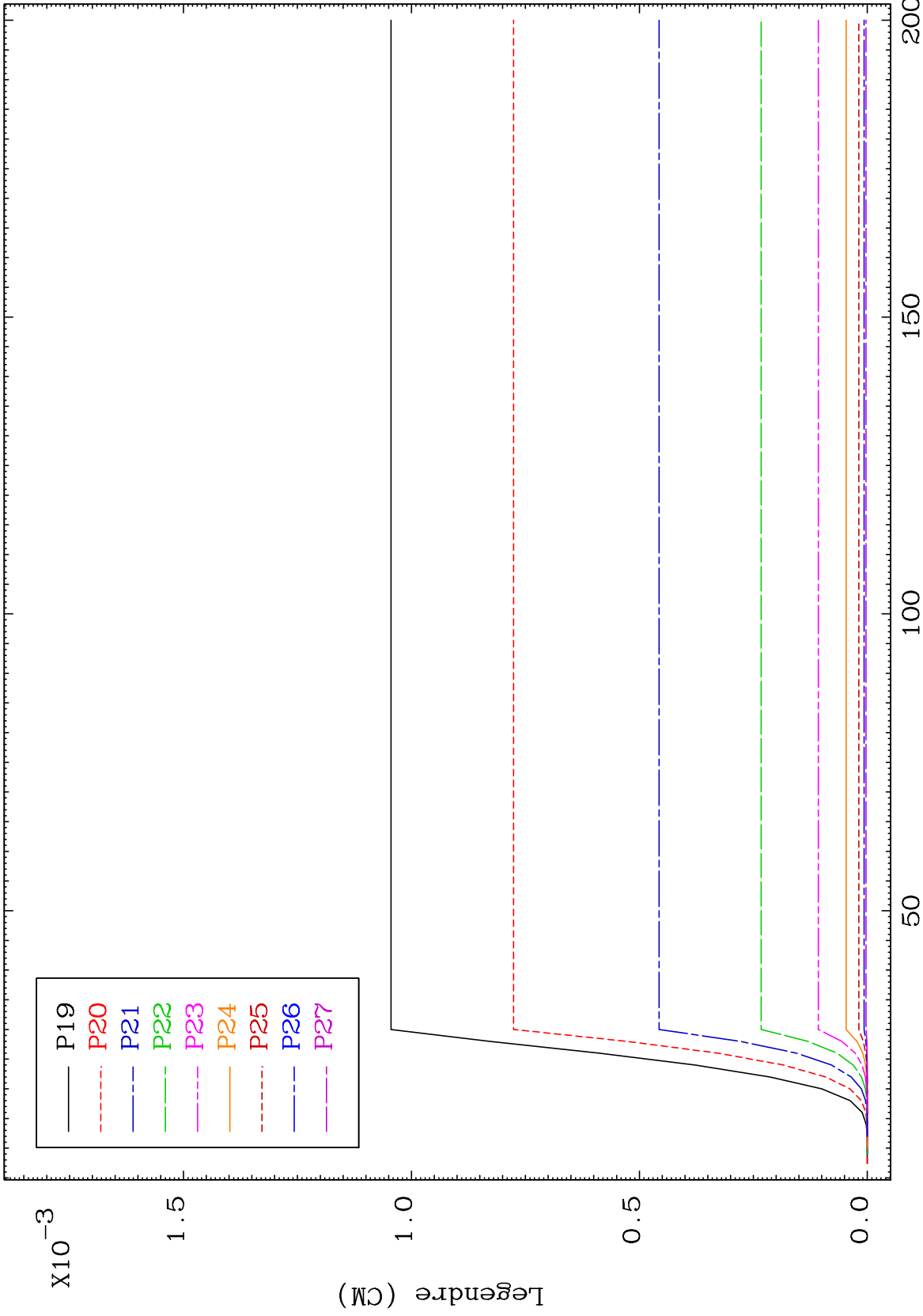
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

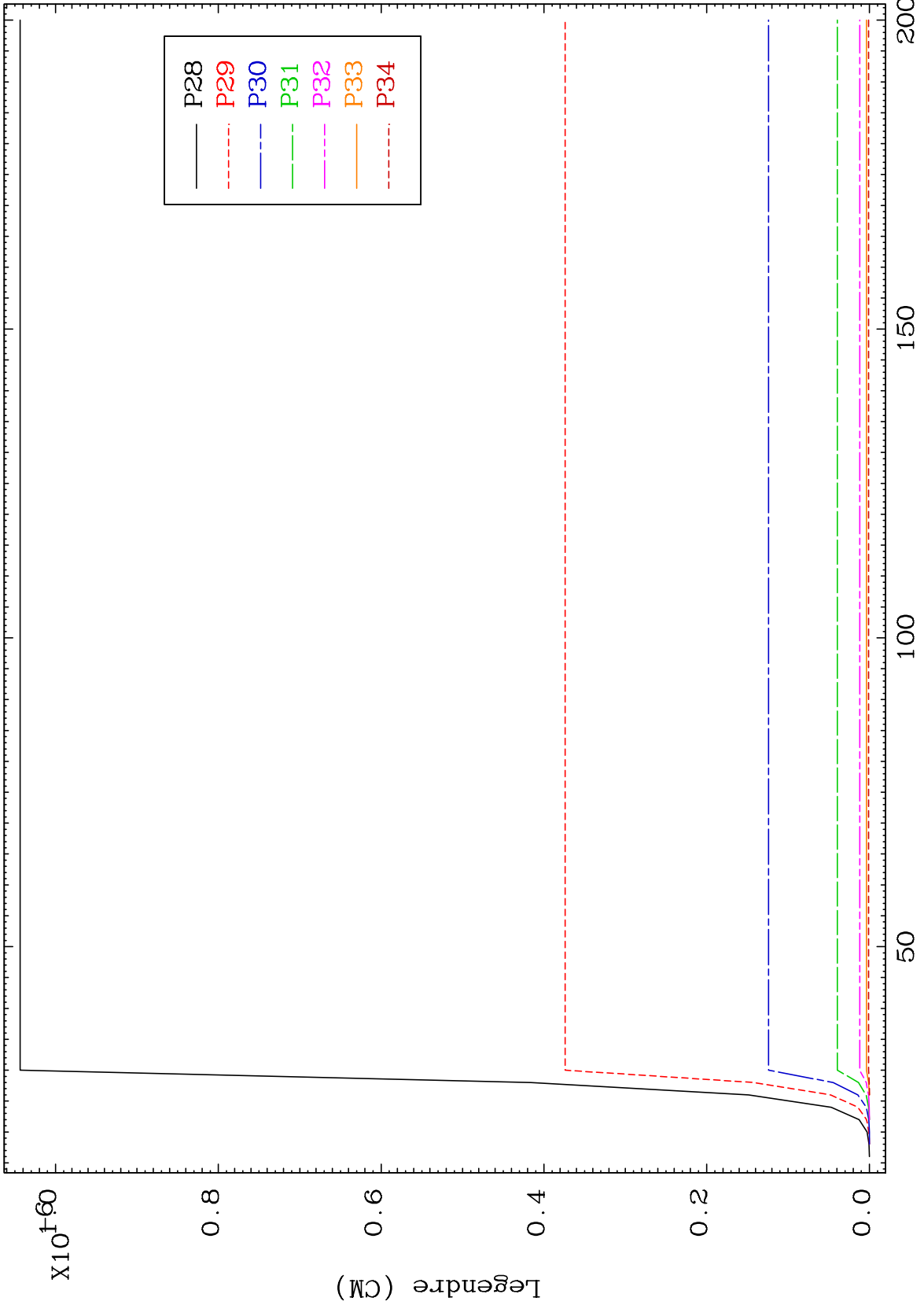
47-Ag-112



65

Incident Energy (MeV)

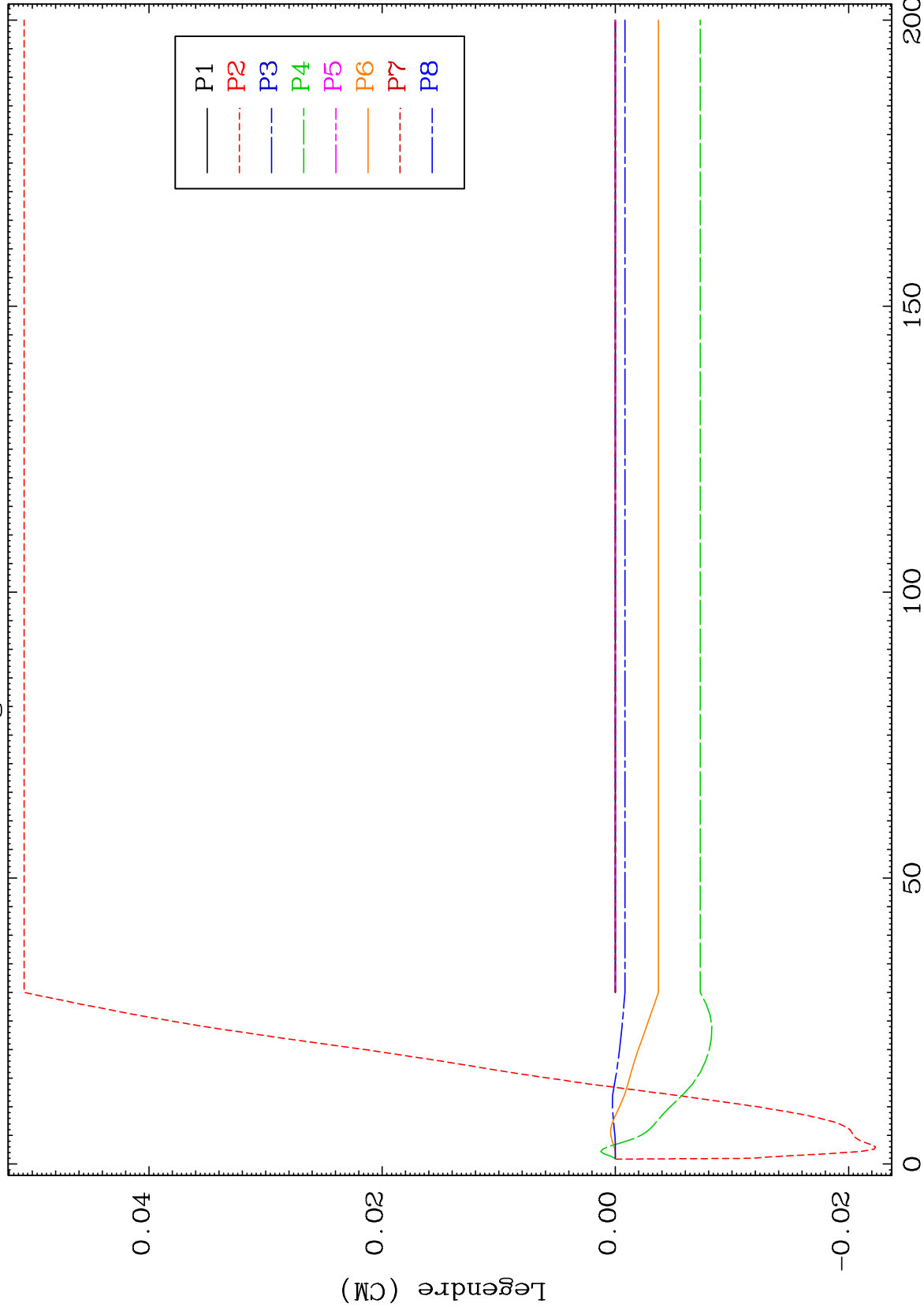
47-Ag-112



MAT 4740

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

47-Ag-112



67

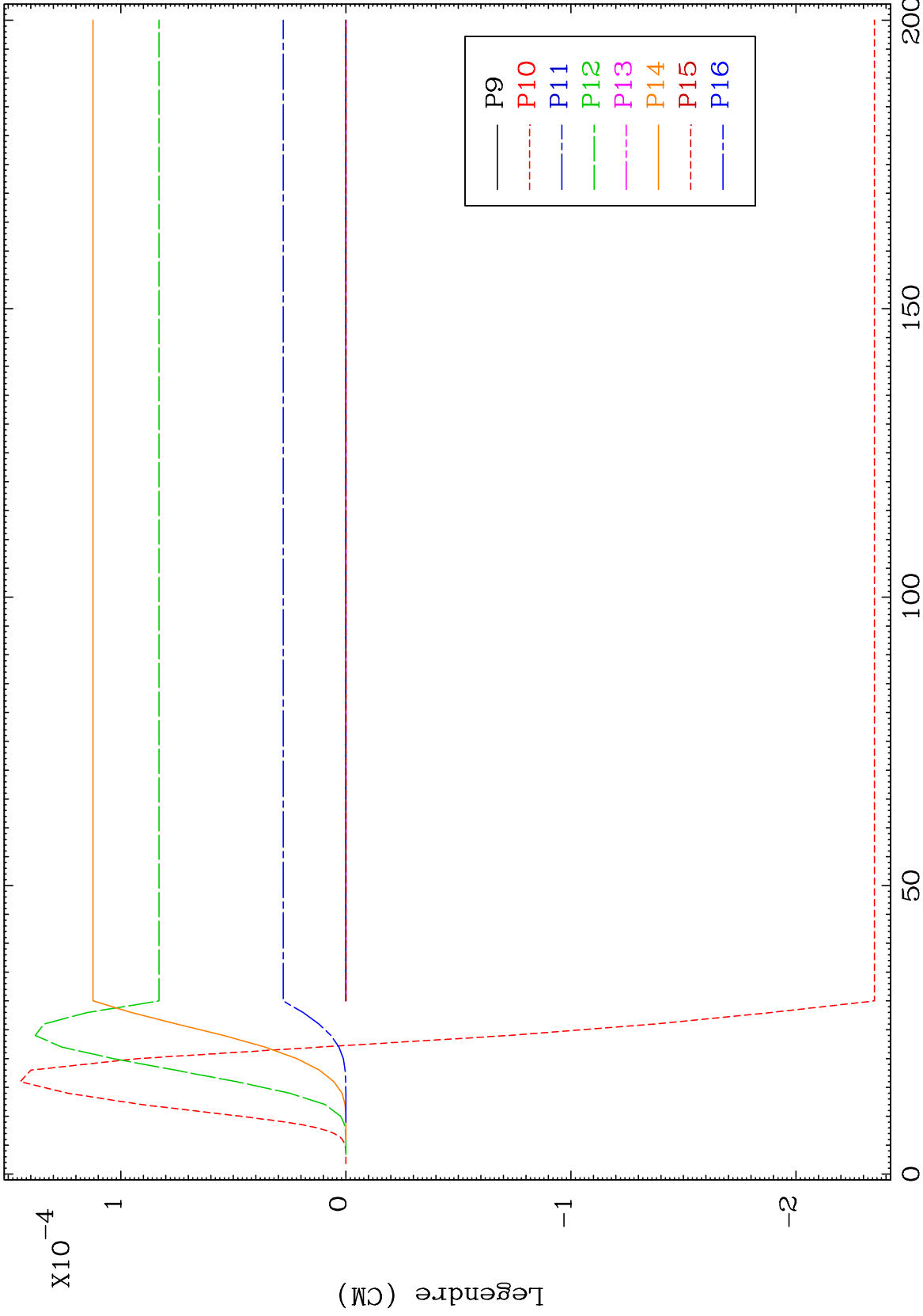
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



68

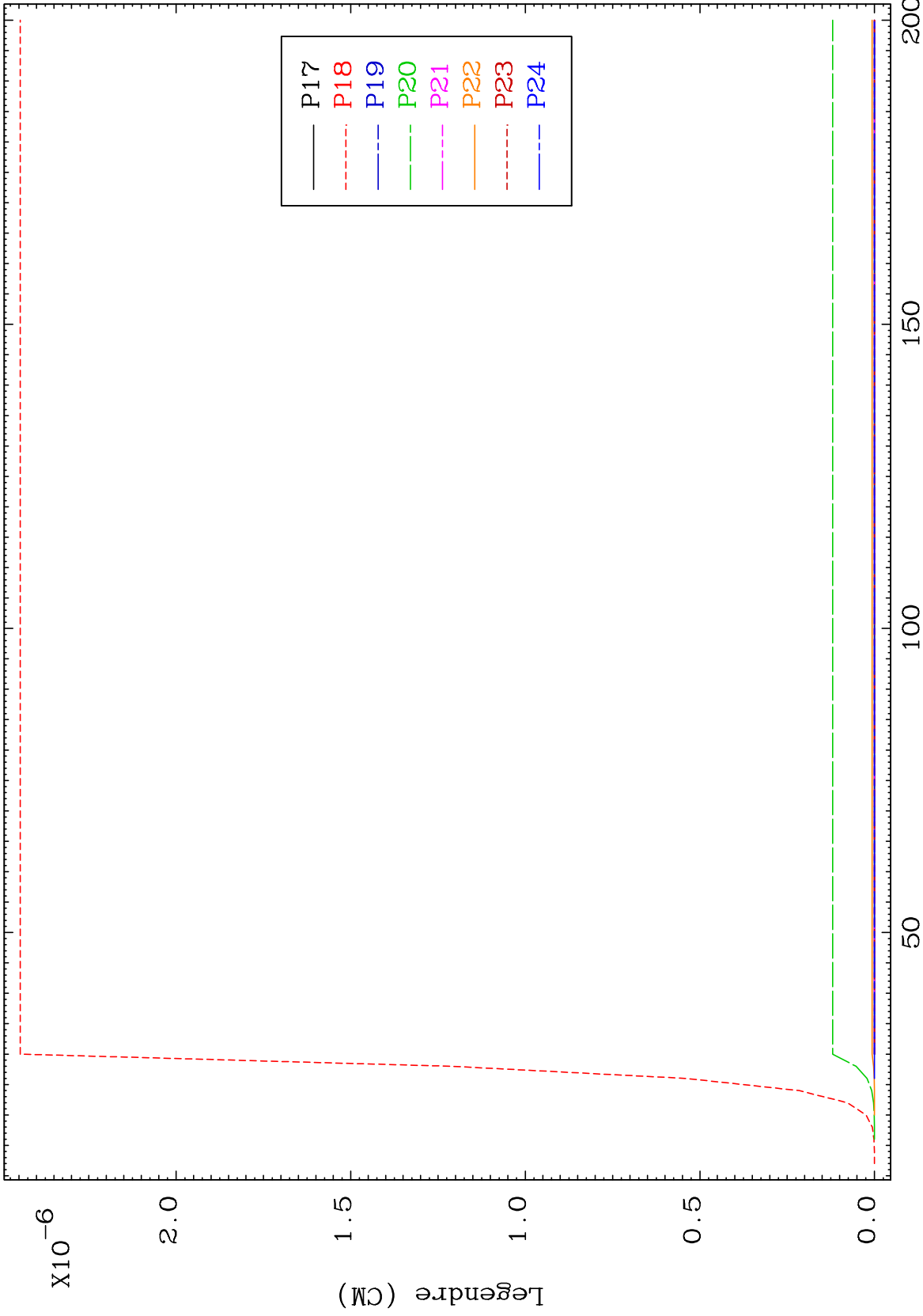
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



69

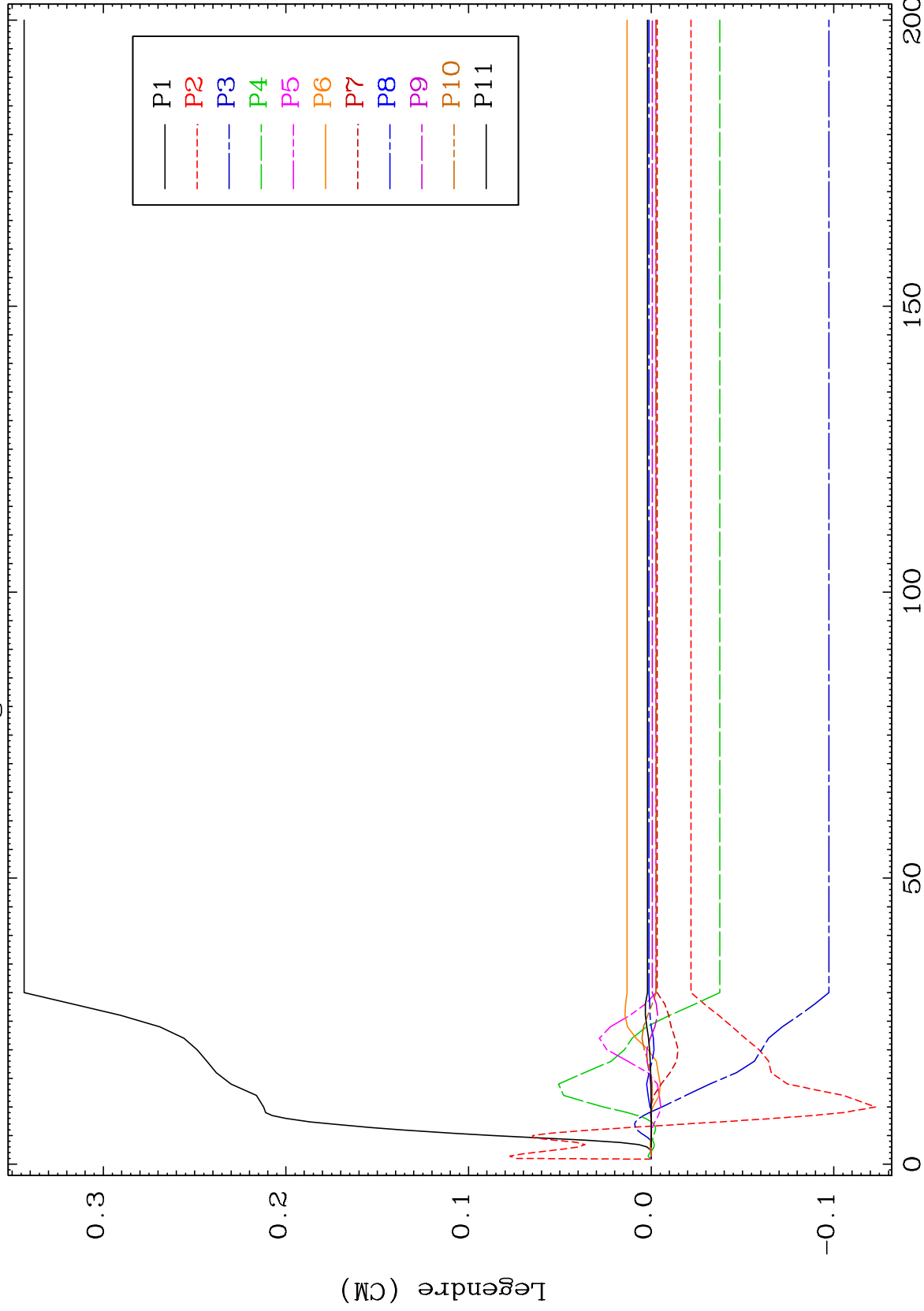
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

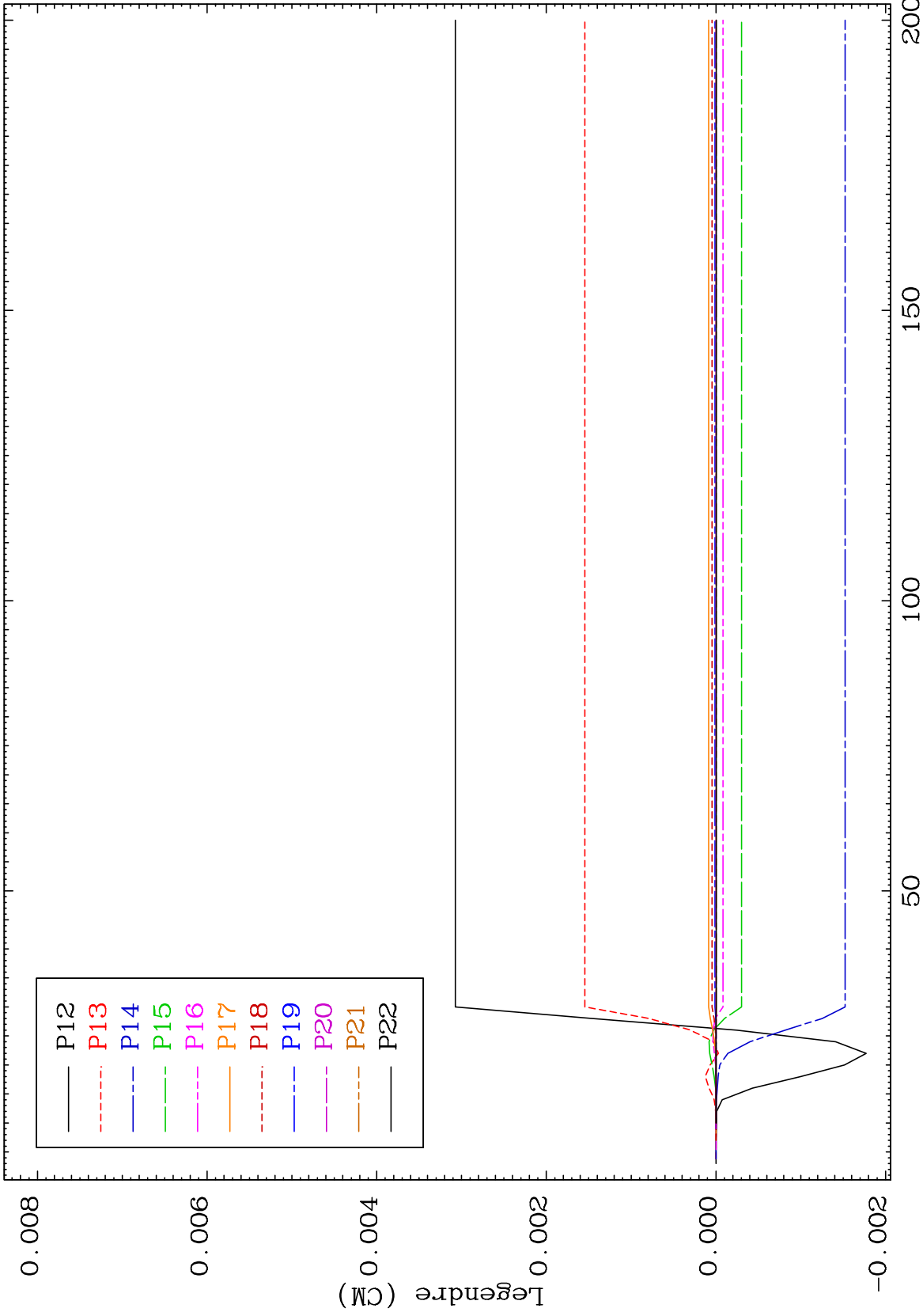
47-Ag-112



47-Ag-112

Incident Energy (MeV)

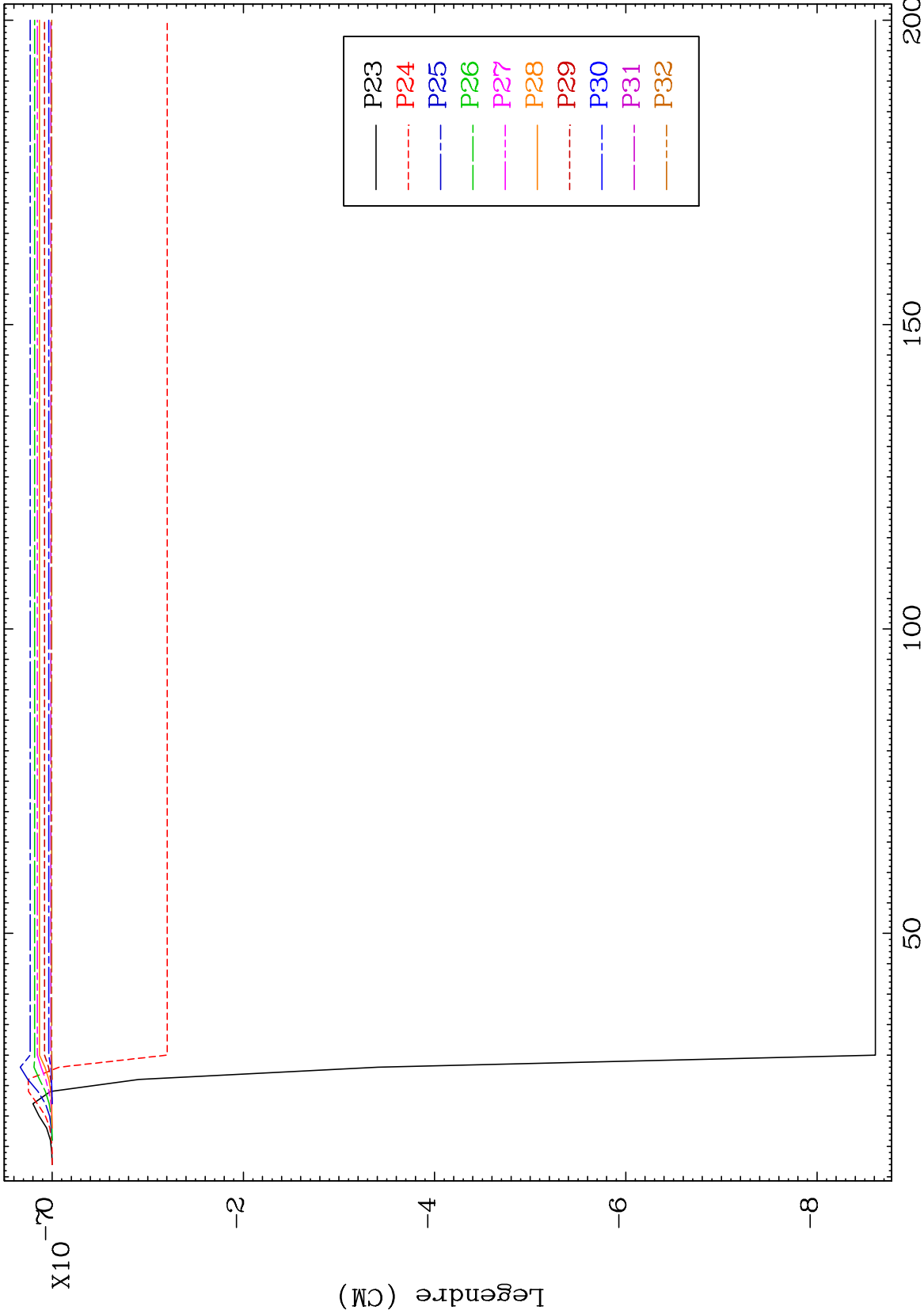
70



MAT 4740

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

47-Ag-112



72

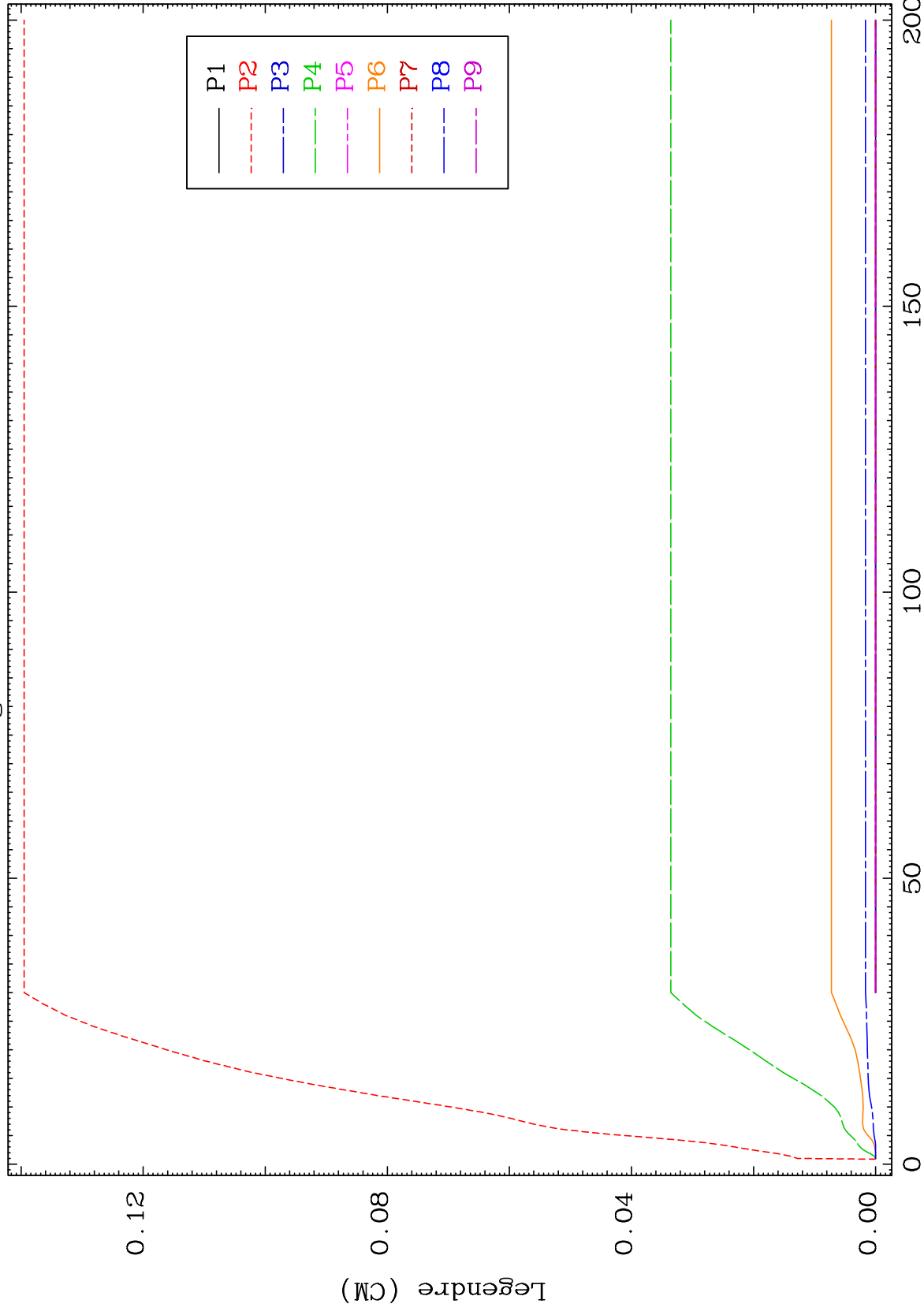
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

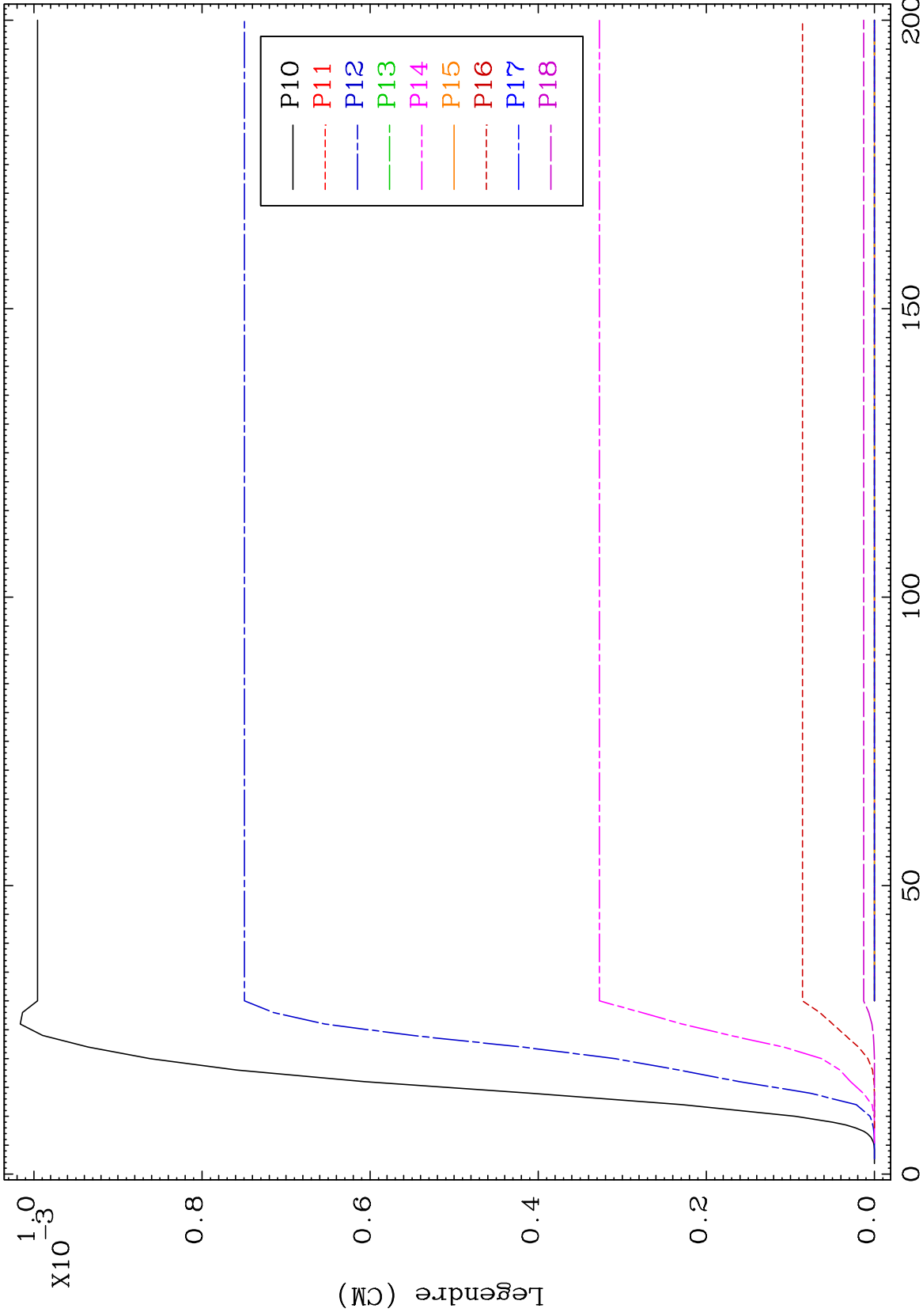
47-Ag-112



73

Incident Energy (MeV)

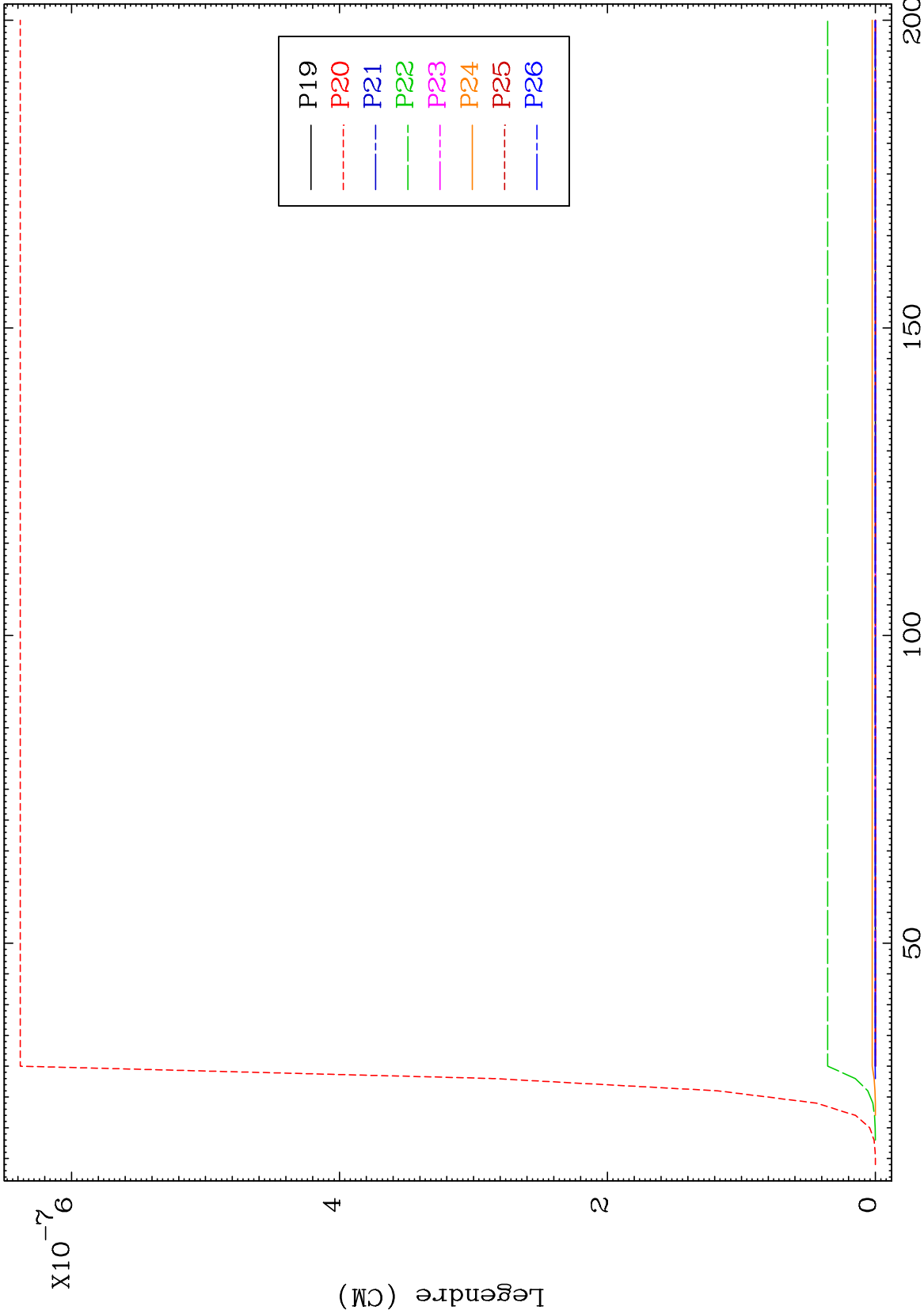
47-Ag-112



MAT 4740

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

47-Ag-112



75

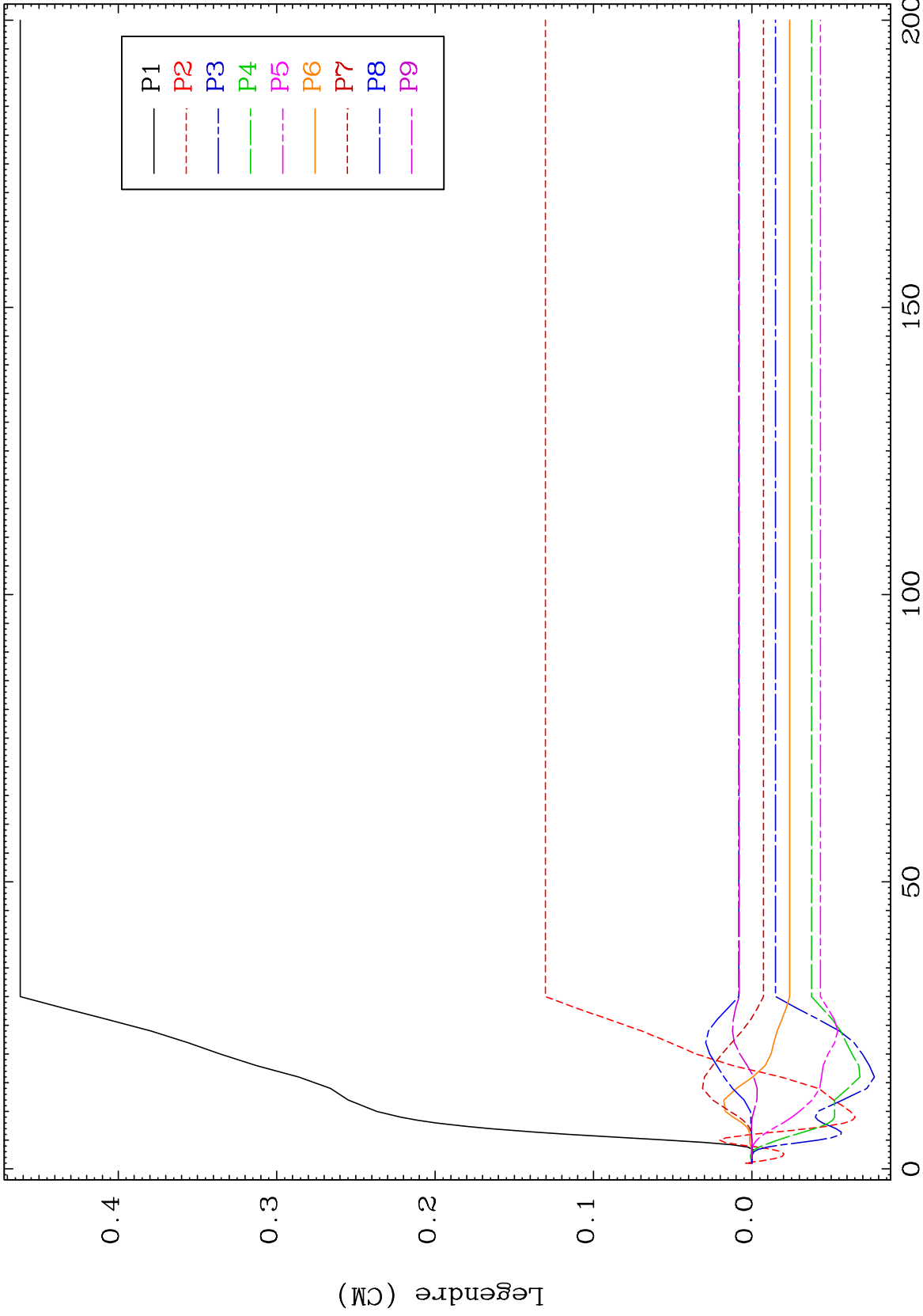
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



76

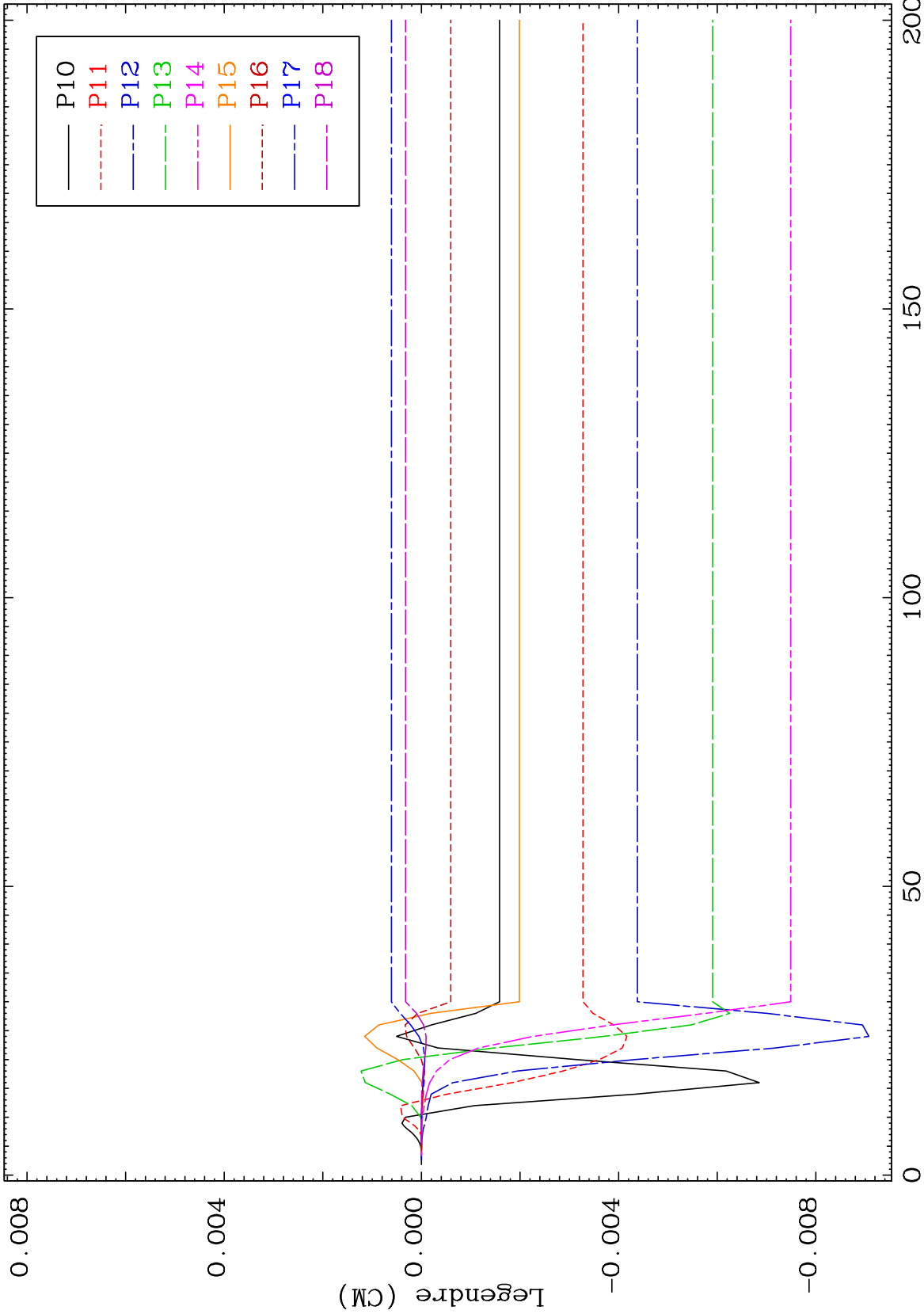
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



77

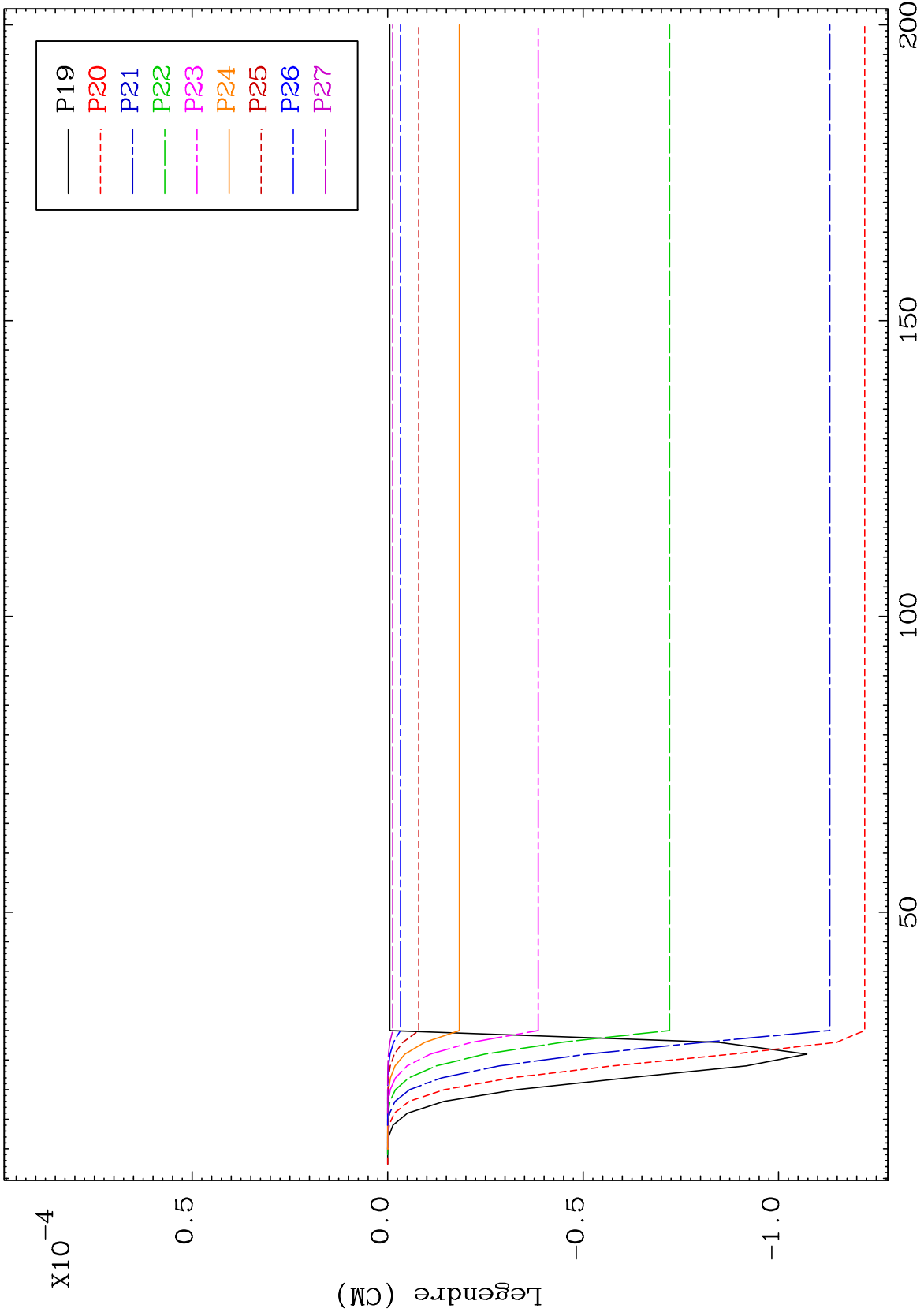
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



78

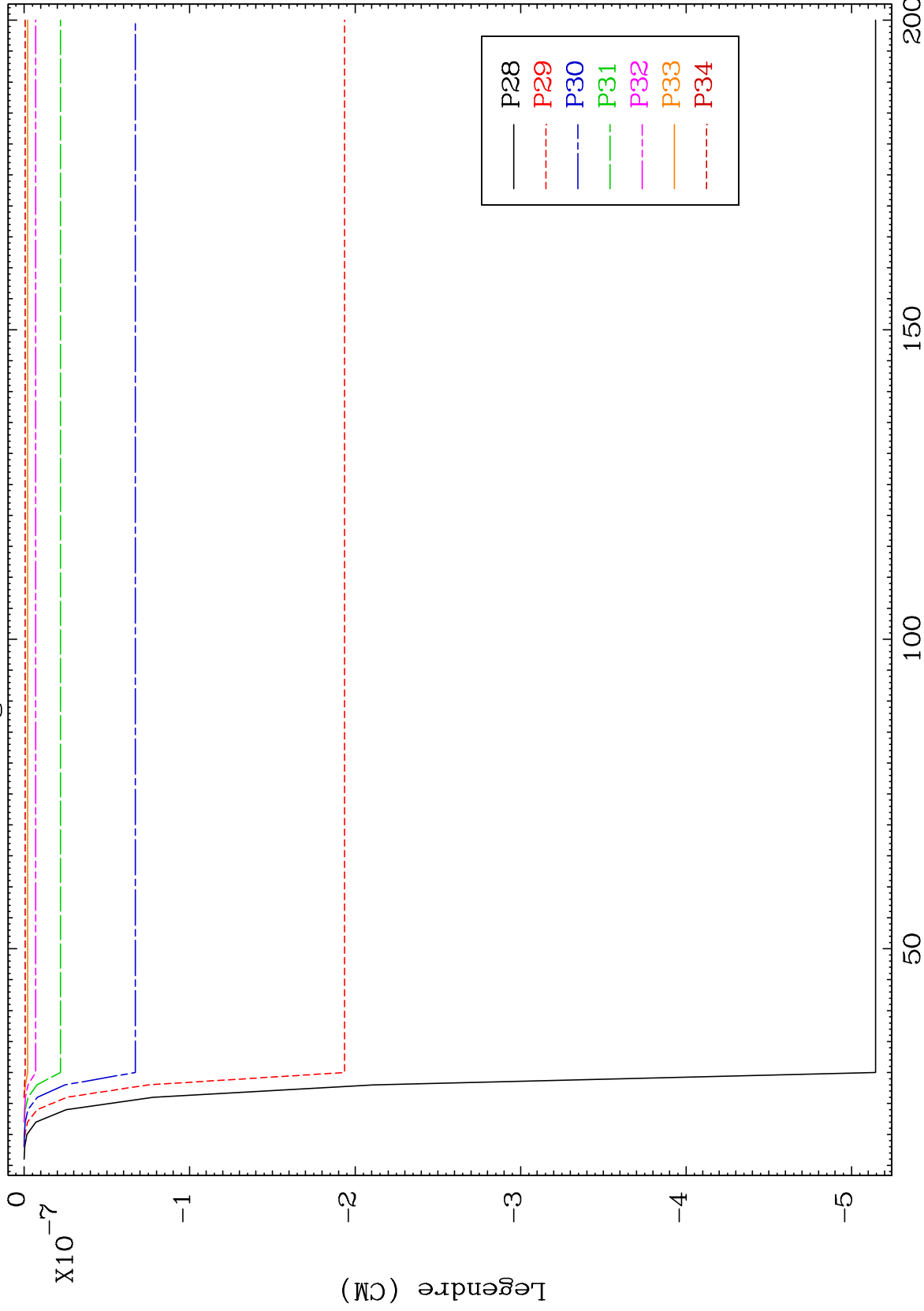
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



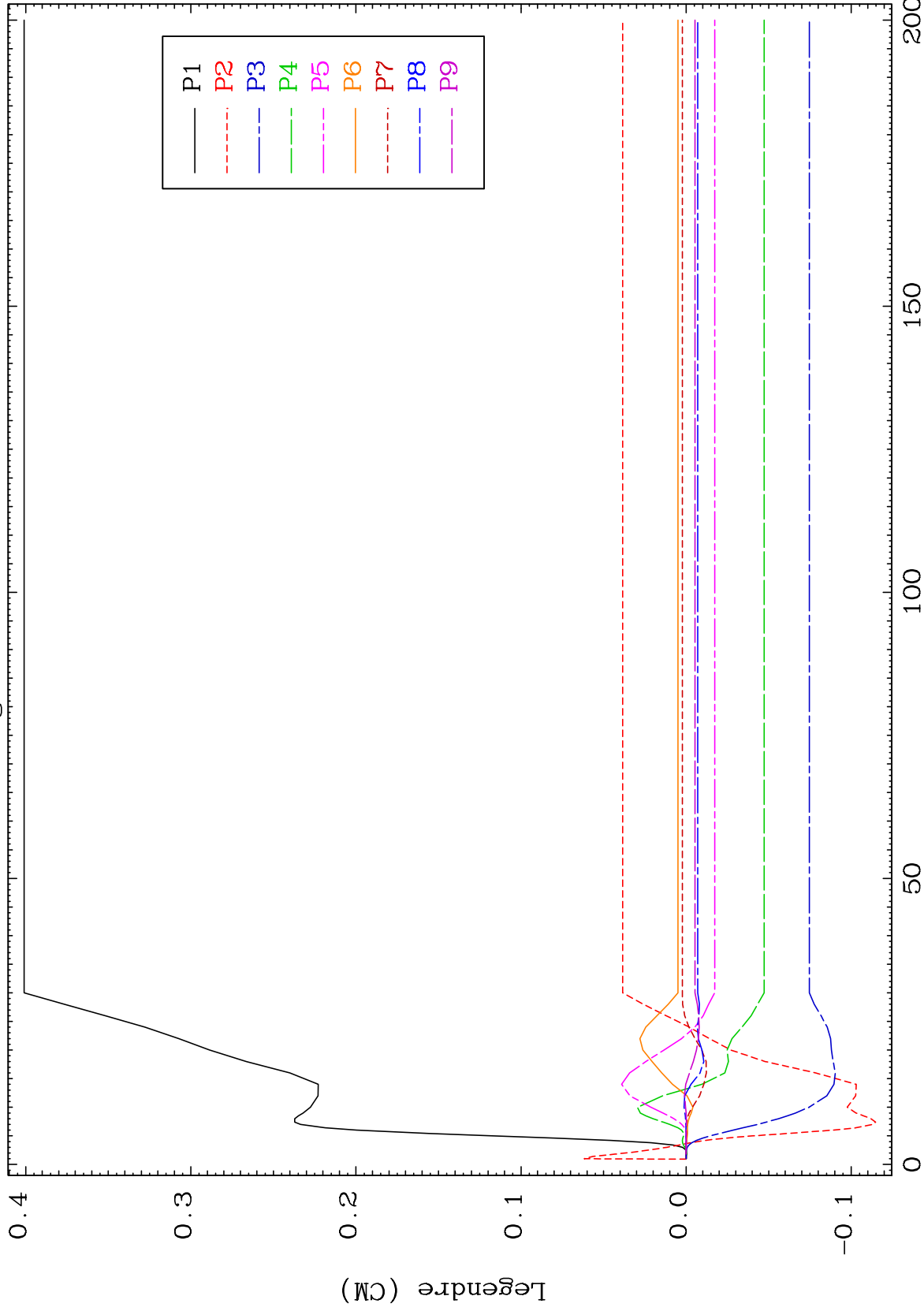
79

47-Ag-112

MAT 4740

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

47-Ag-112



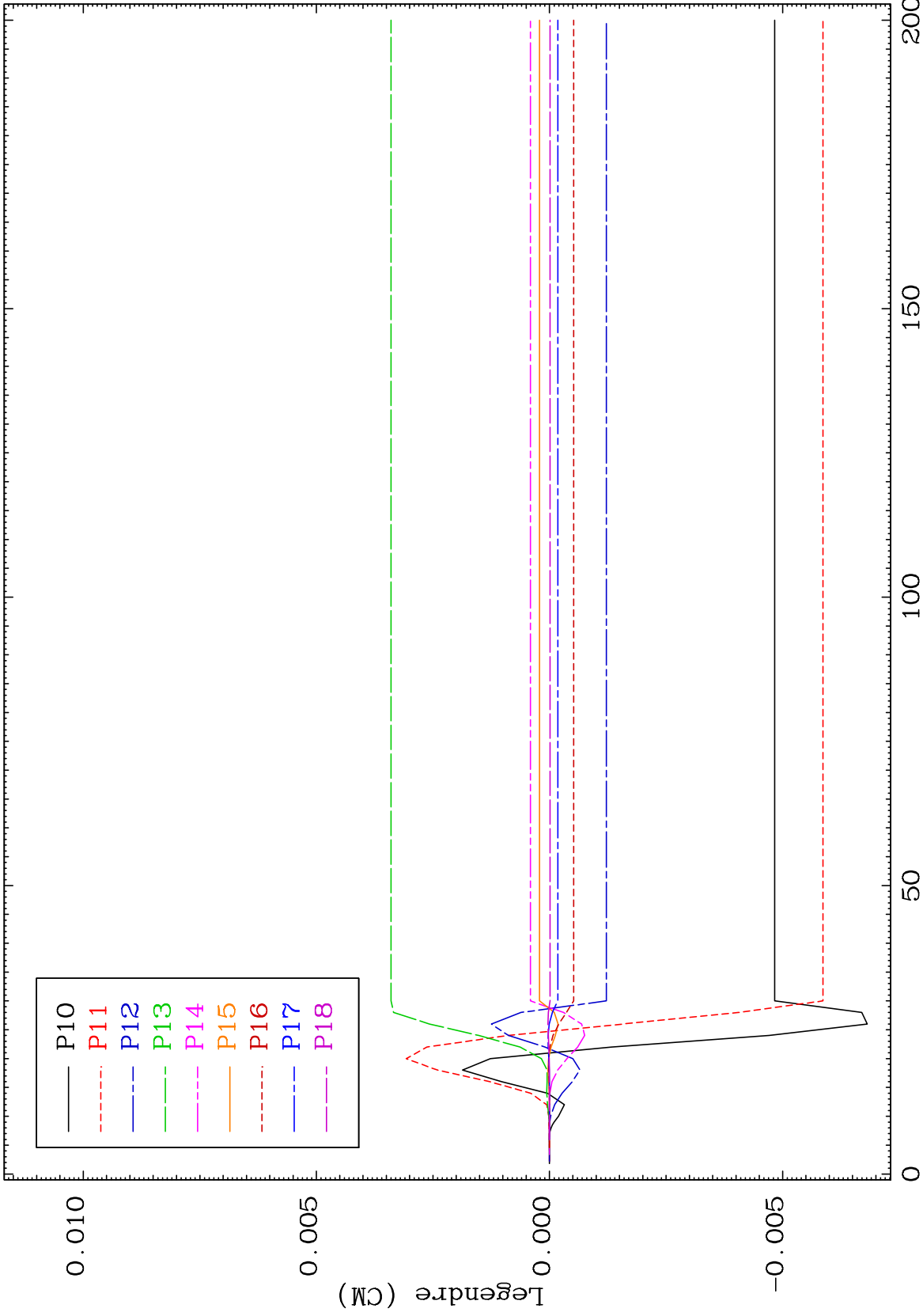
47-Ag-112

Incident Energy (MeV)

MAT 4740

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

47-Ag-112



81

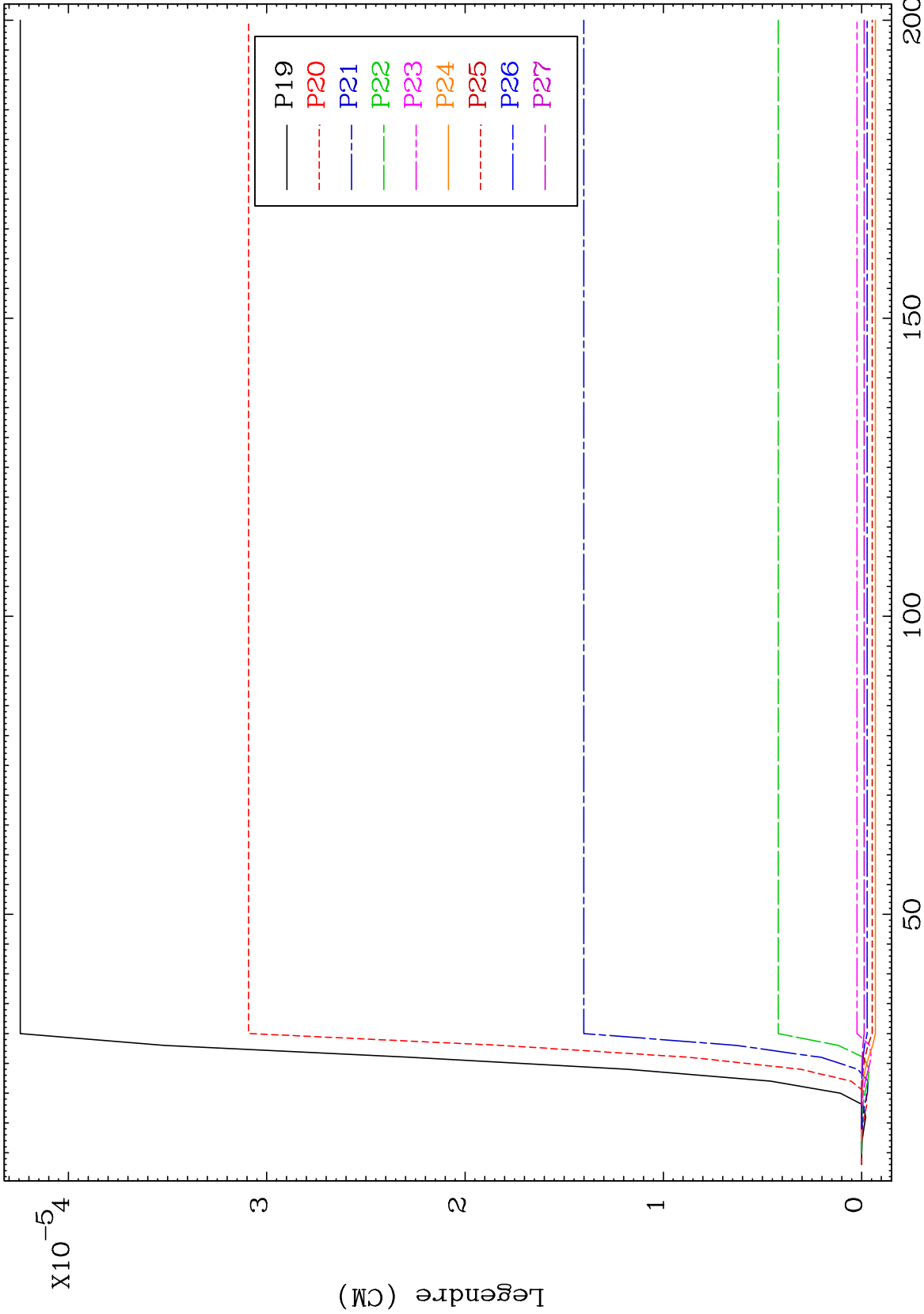
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



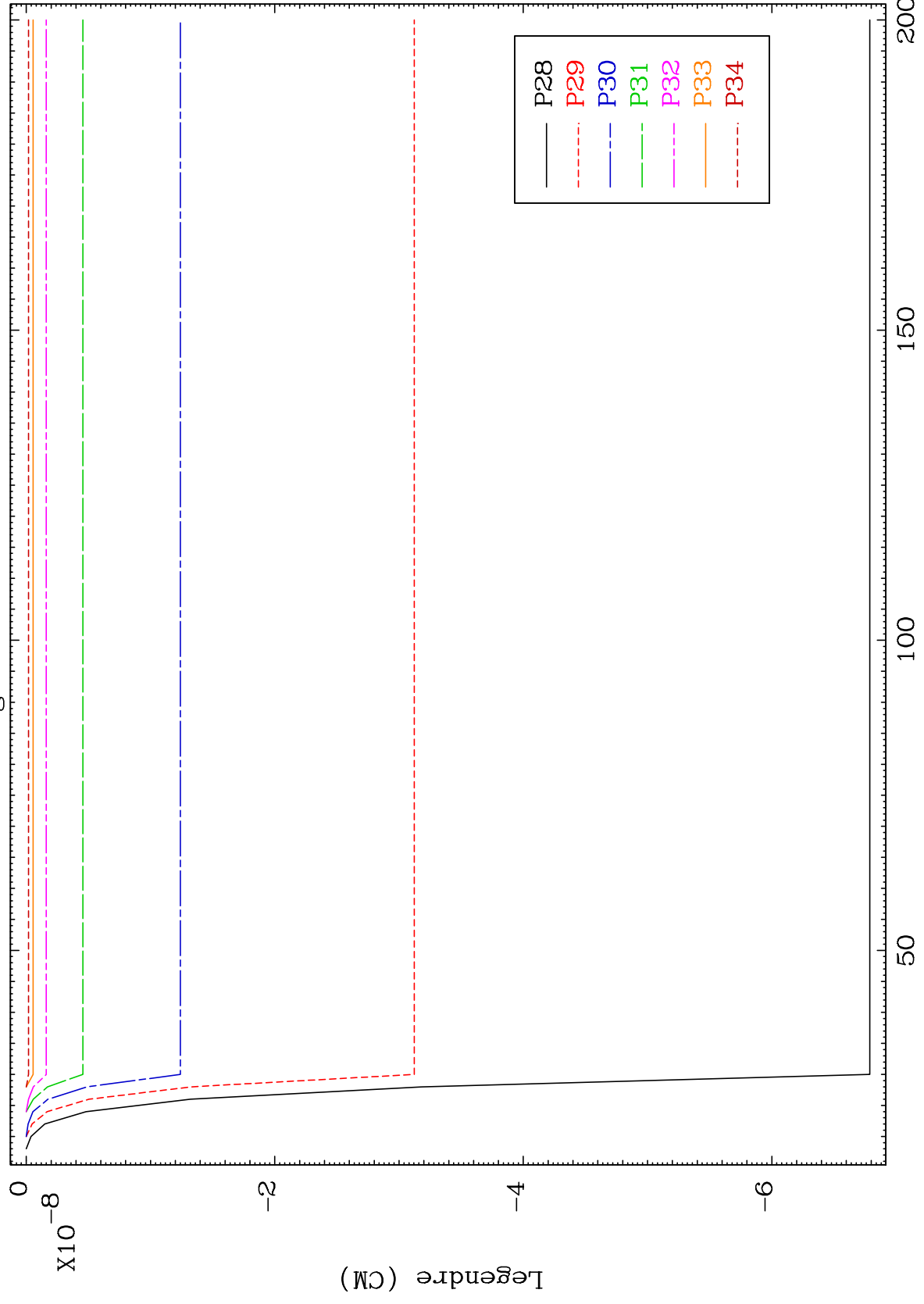
82

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

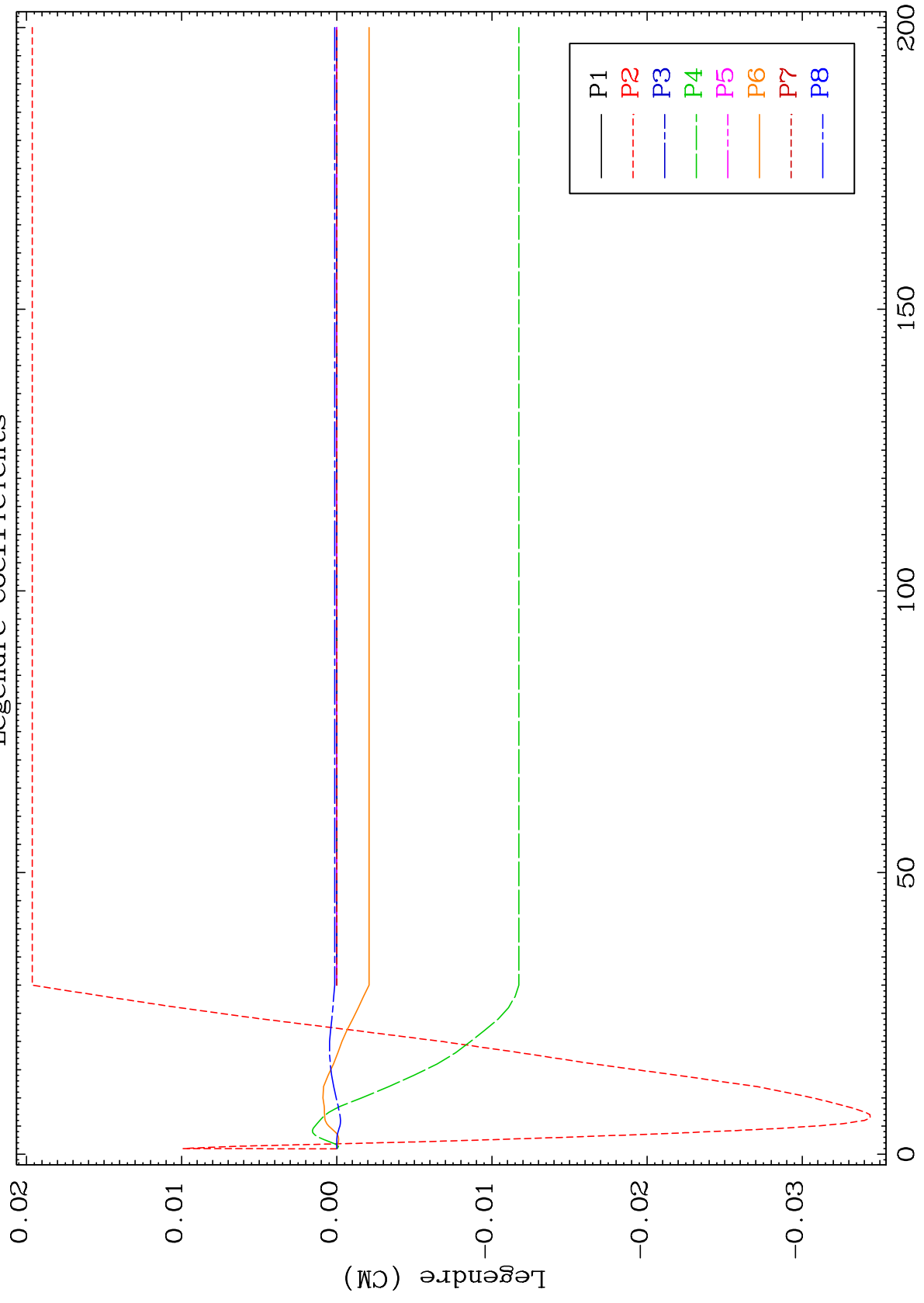
Incident Energy (MeV)

83

MAT 4740

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

47-Ag-112



84

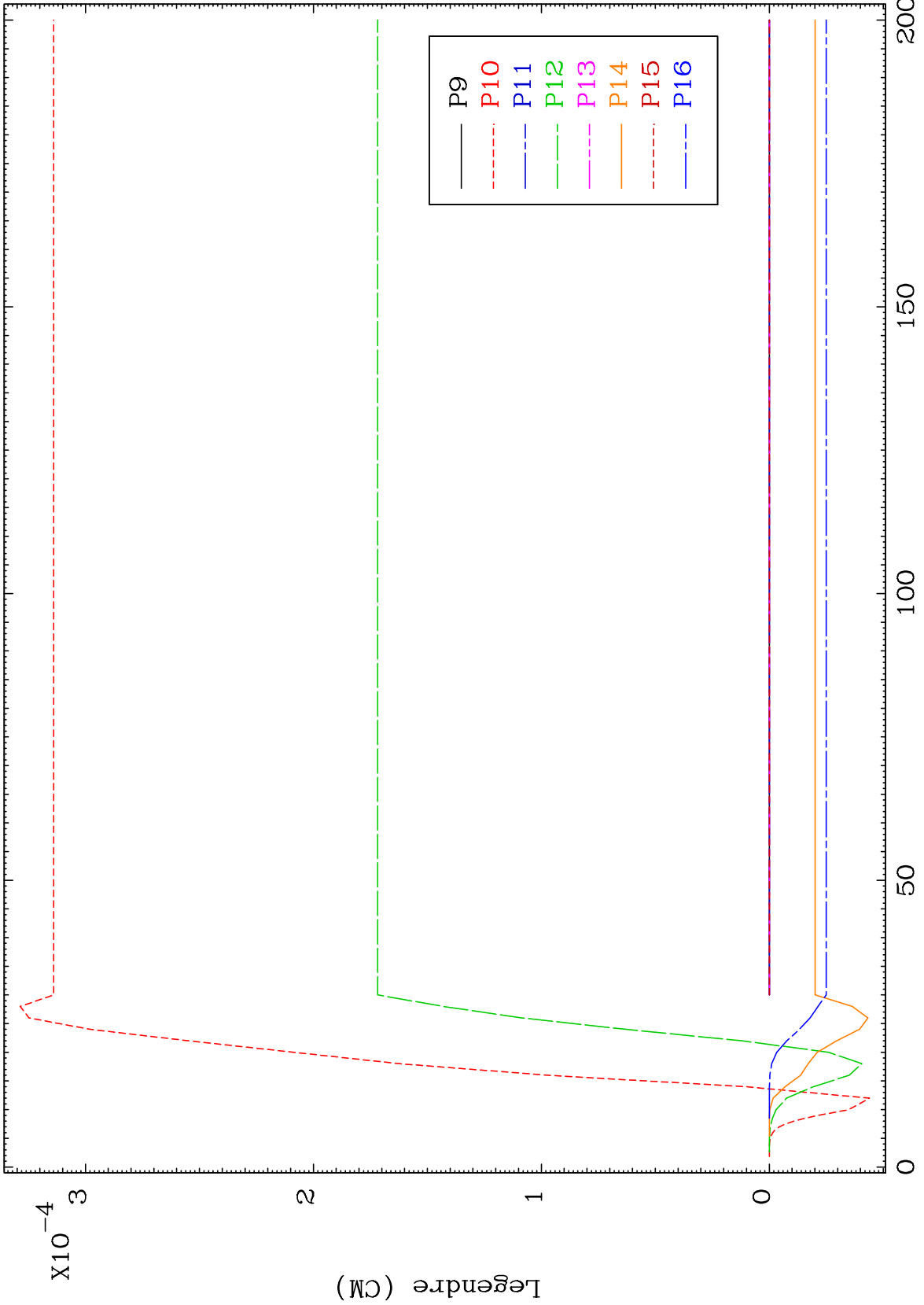
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



85

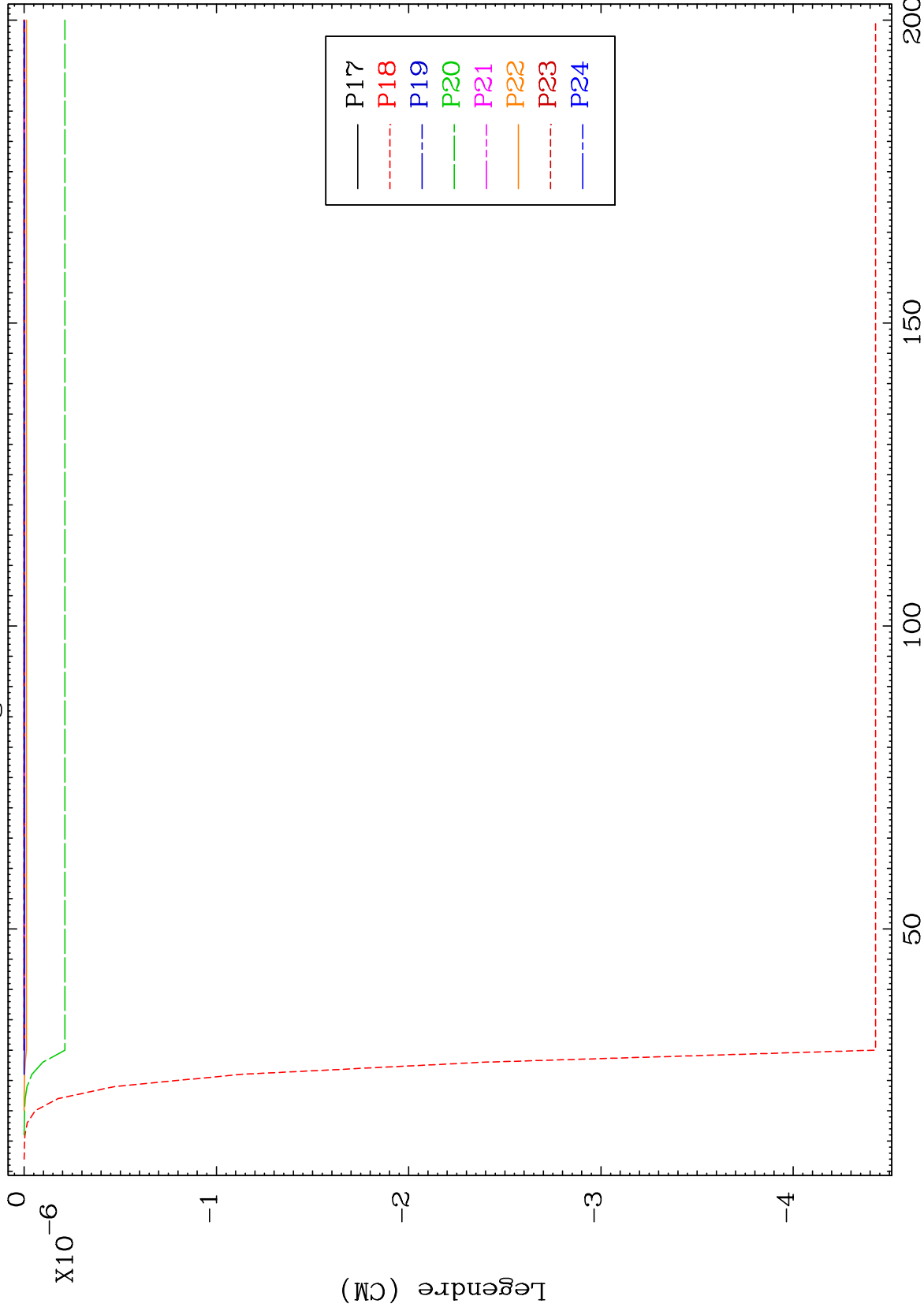
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



86

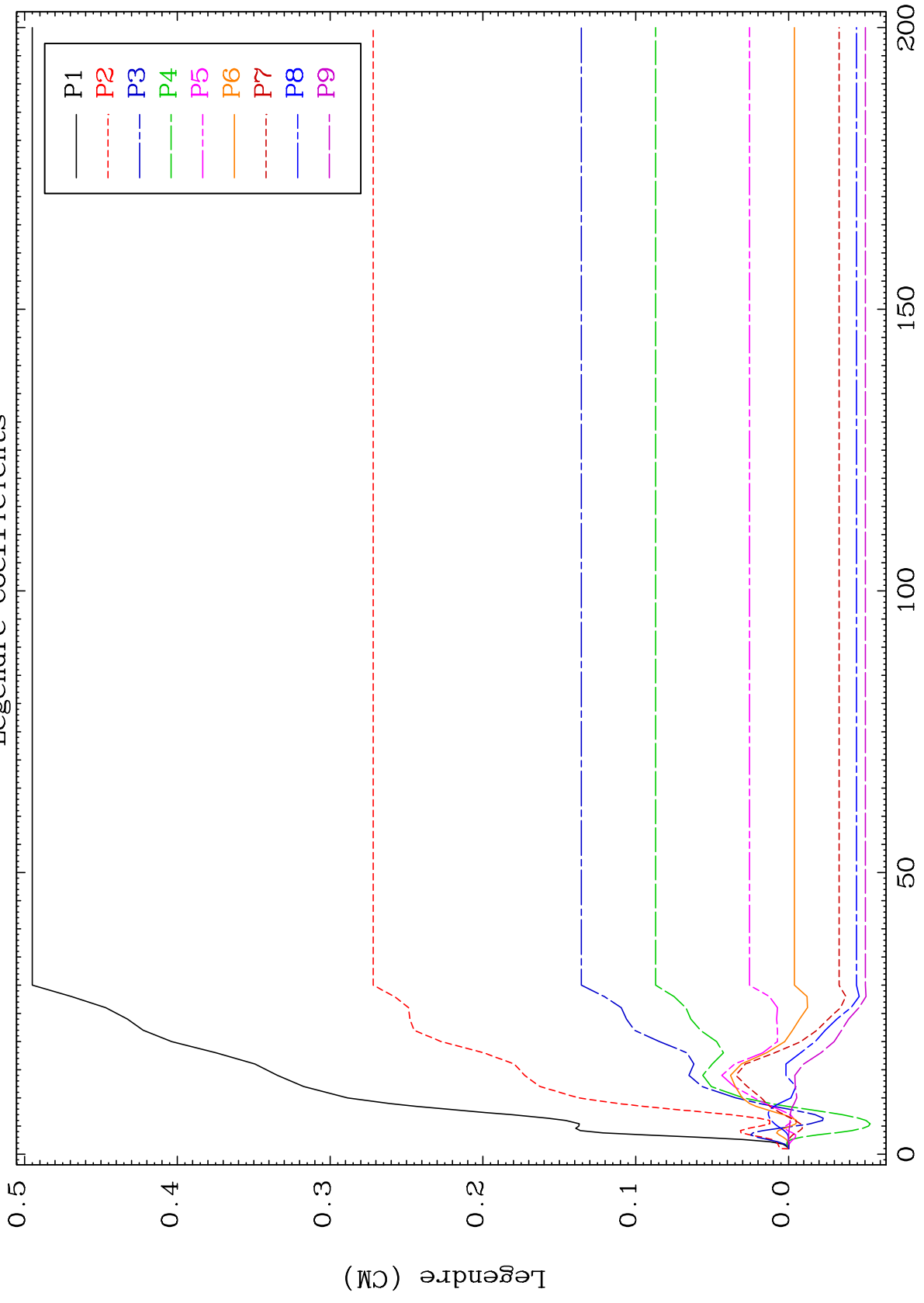
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



87

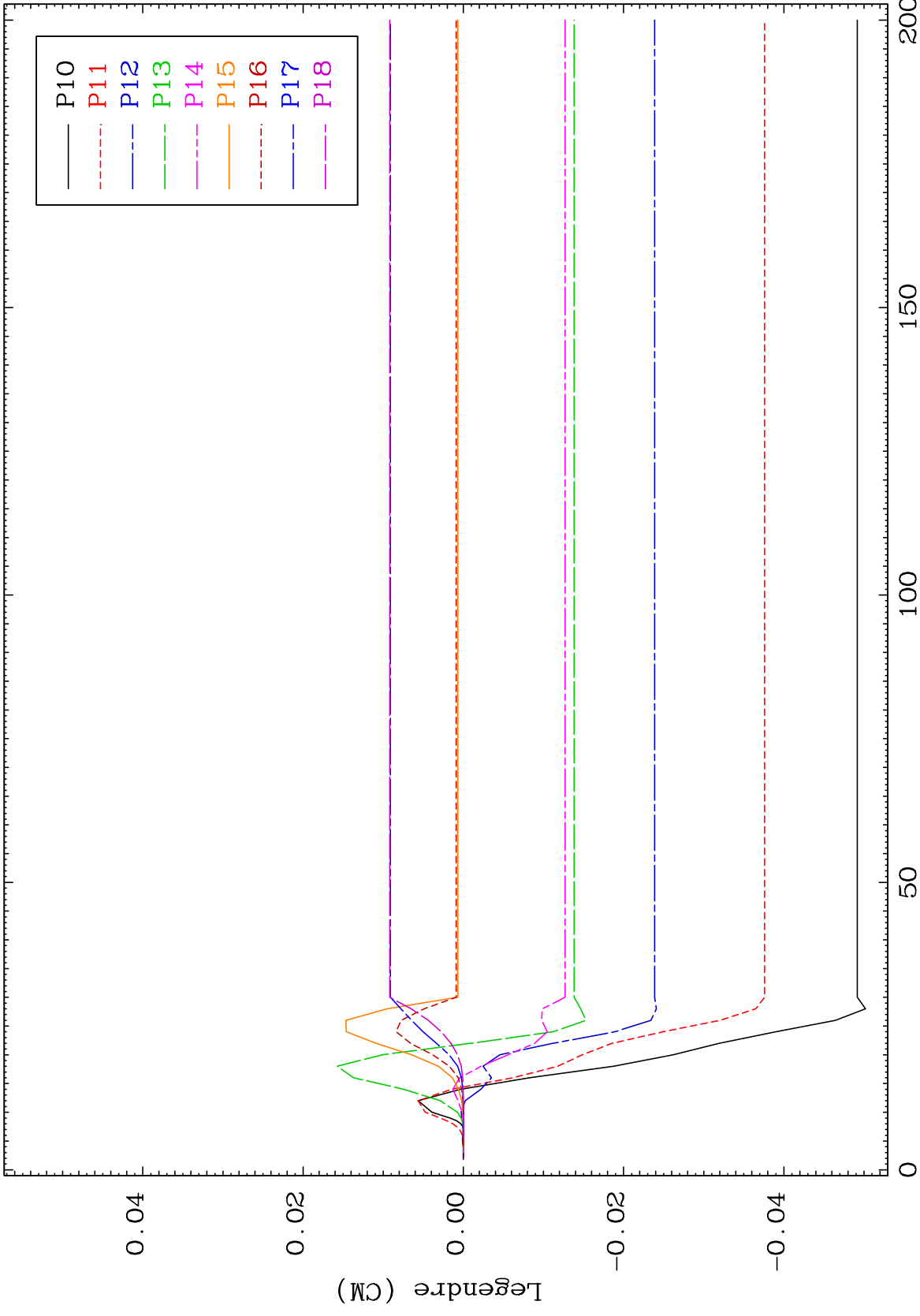
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



88

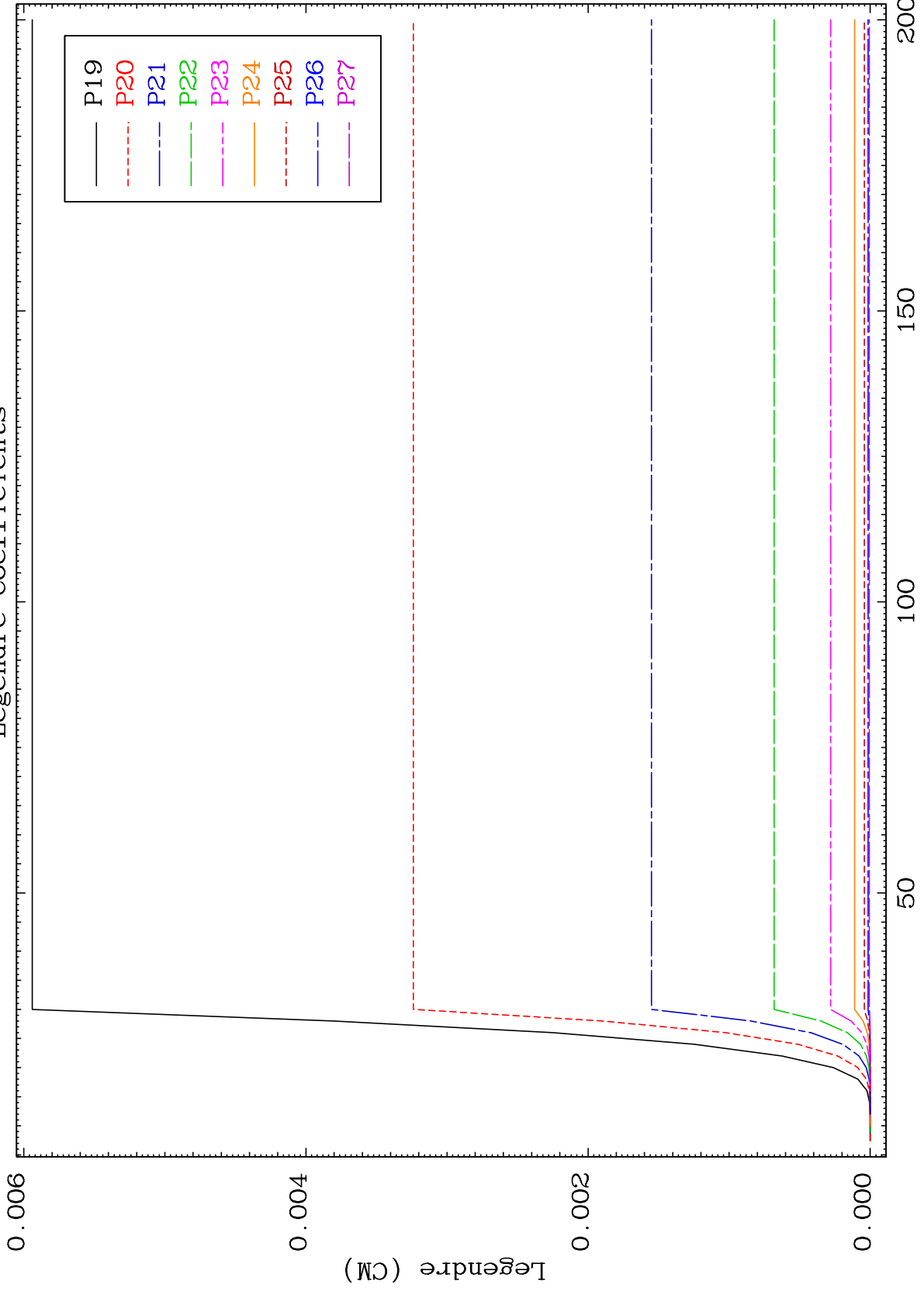
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

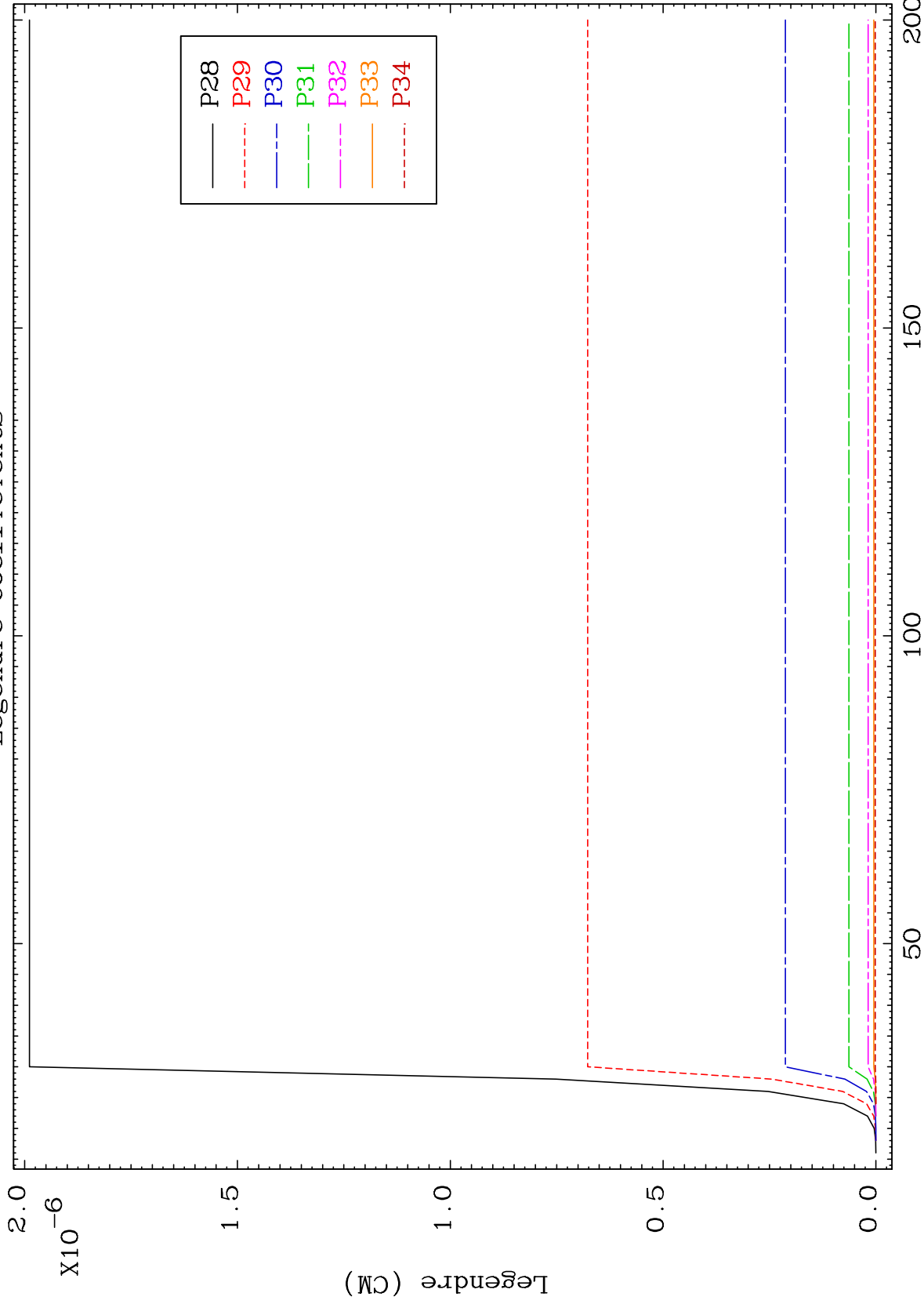
Incident Energy (MeV)

89

MAT 4740

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

47-Ag-112



90

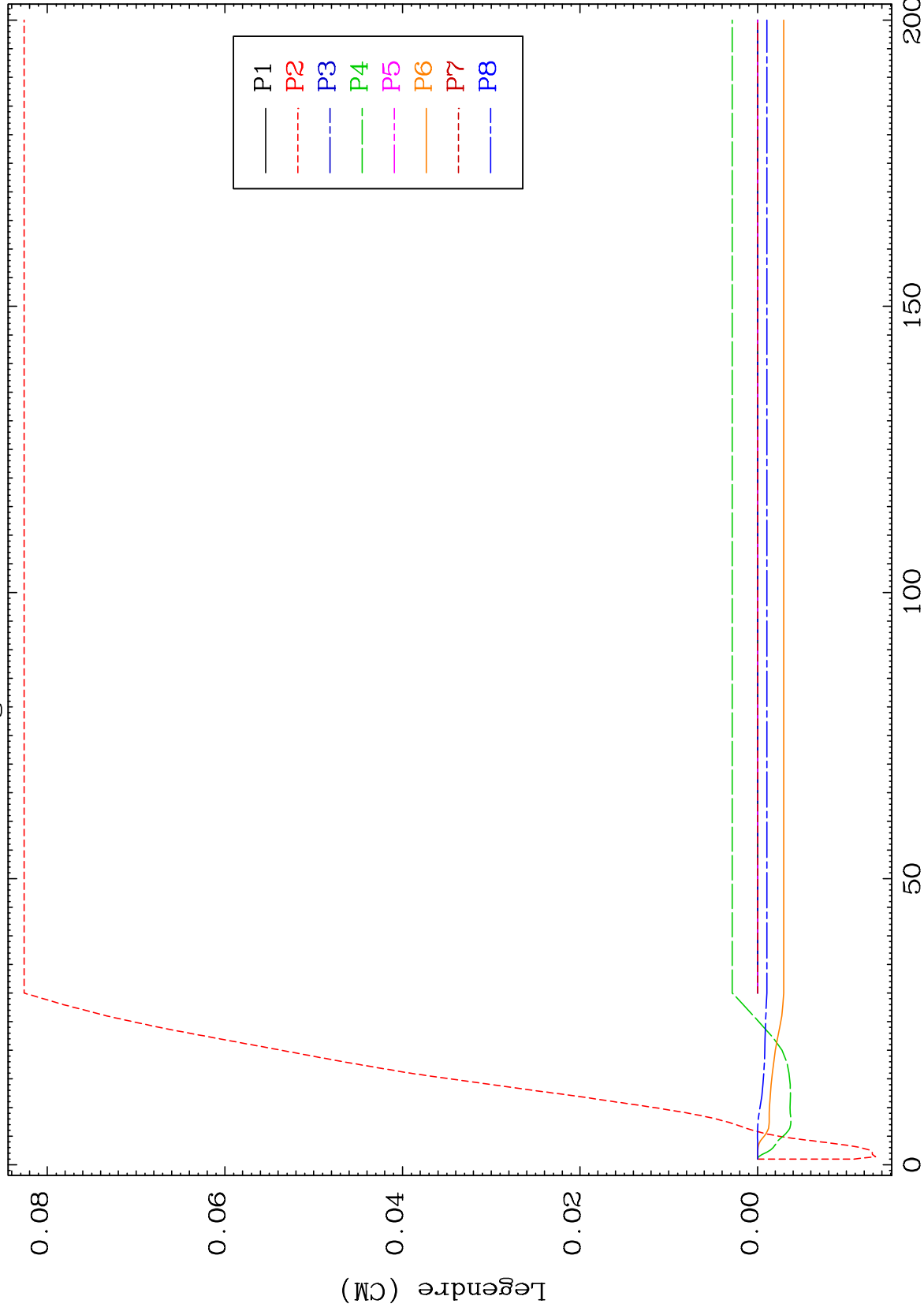
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



91

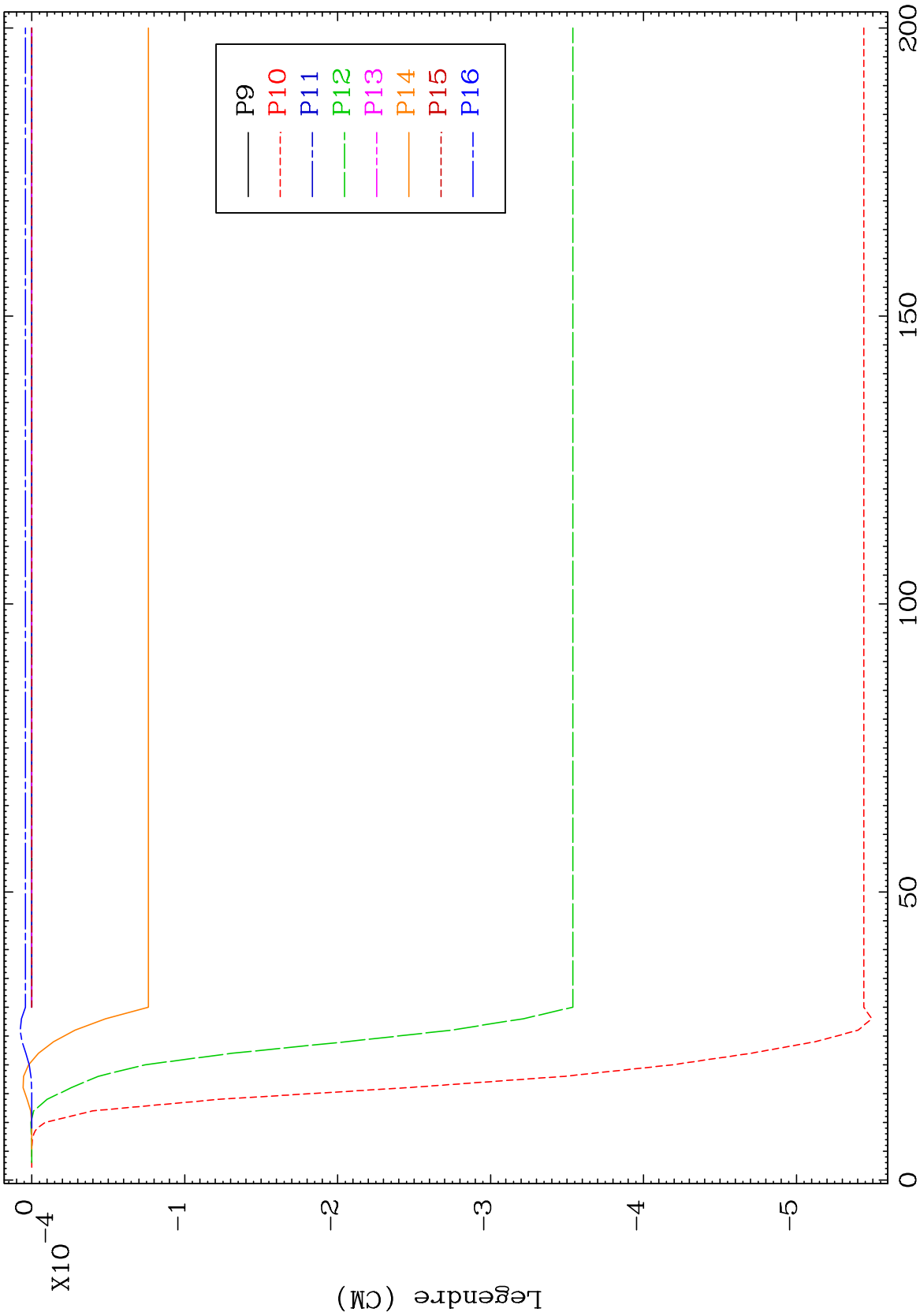
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



92

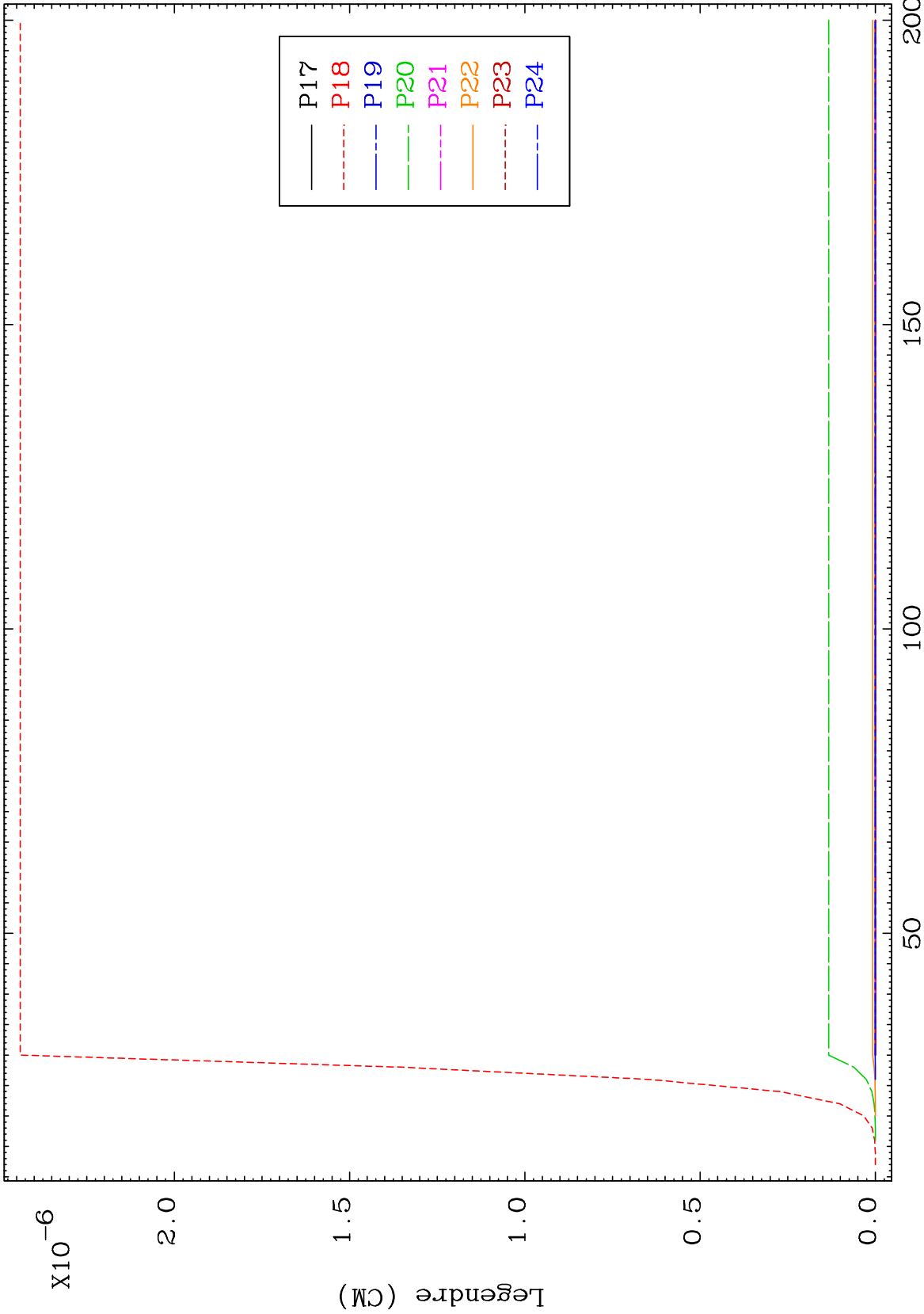
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



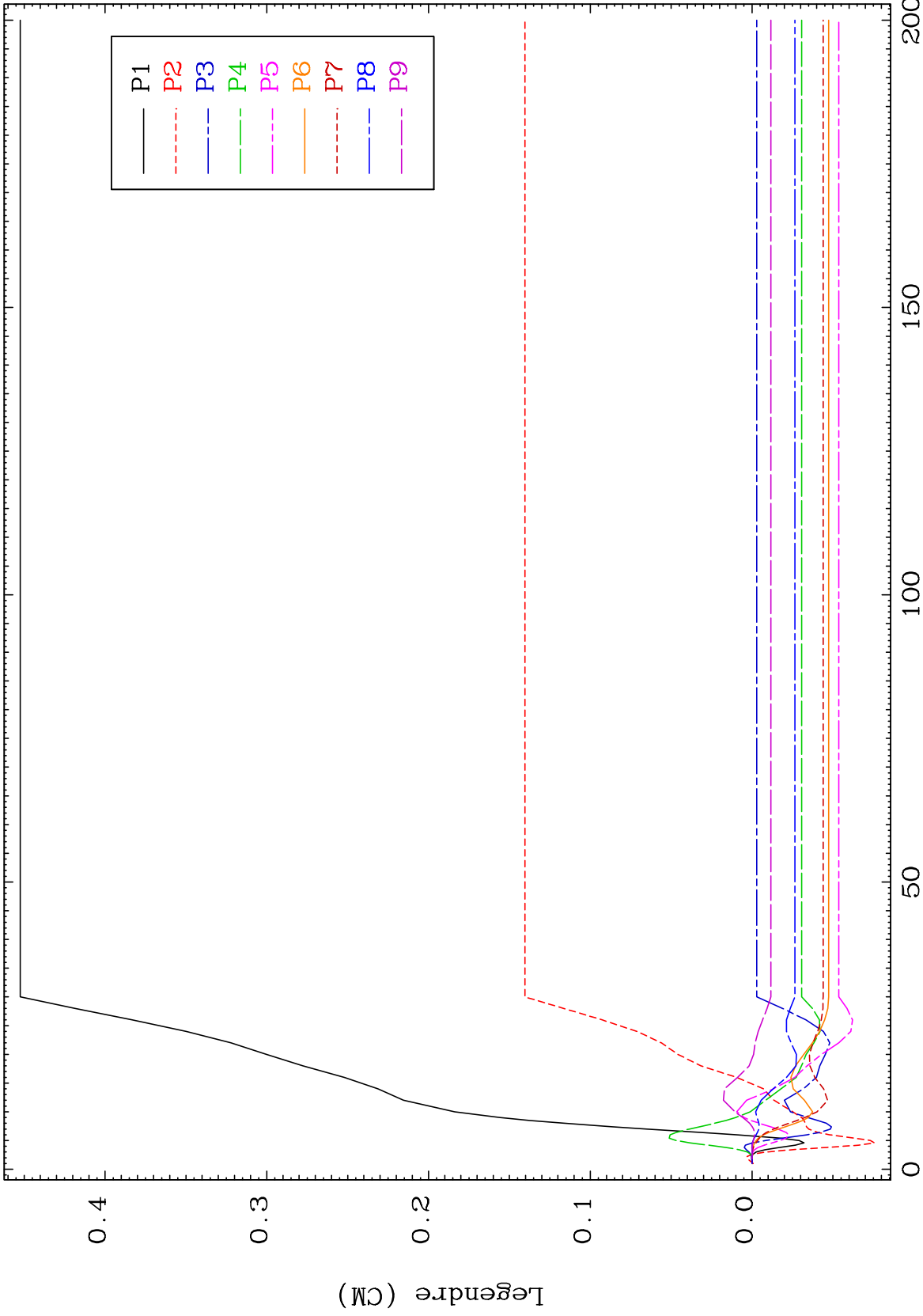
93

47-Ag-112

MAT 4740

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

47-Ag-112



94

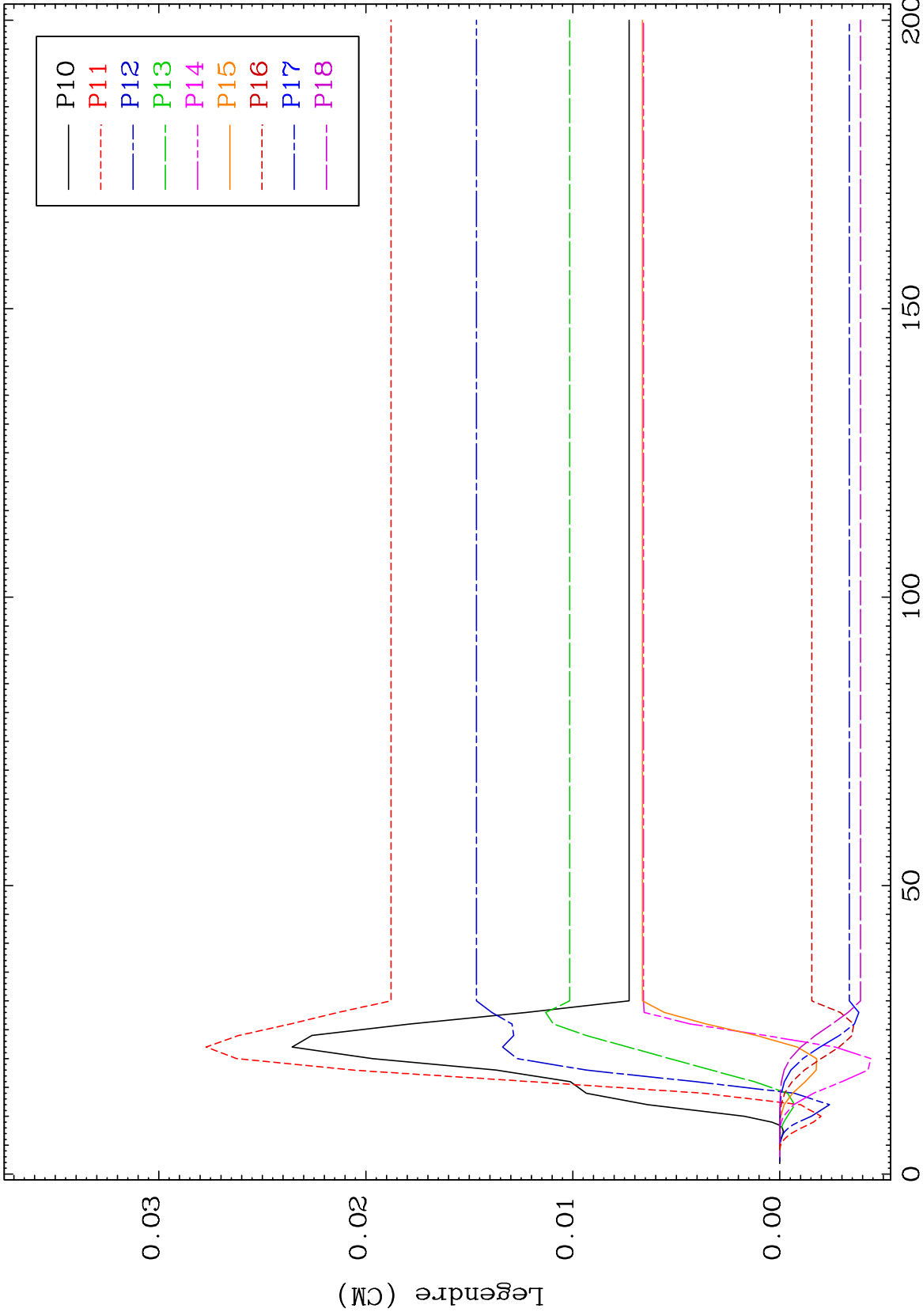
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



95

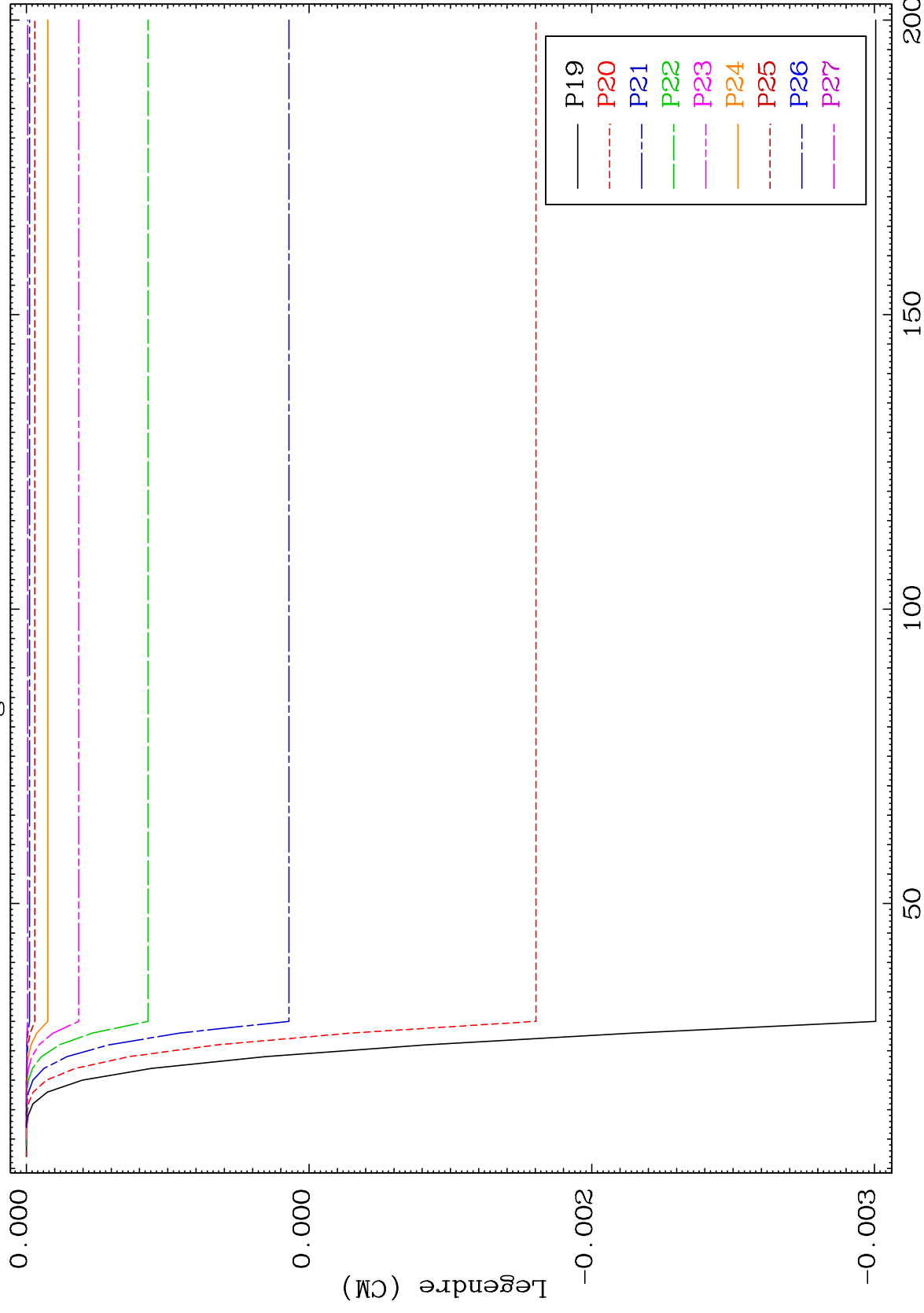
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



96

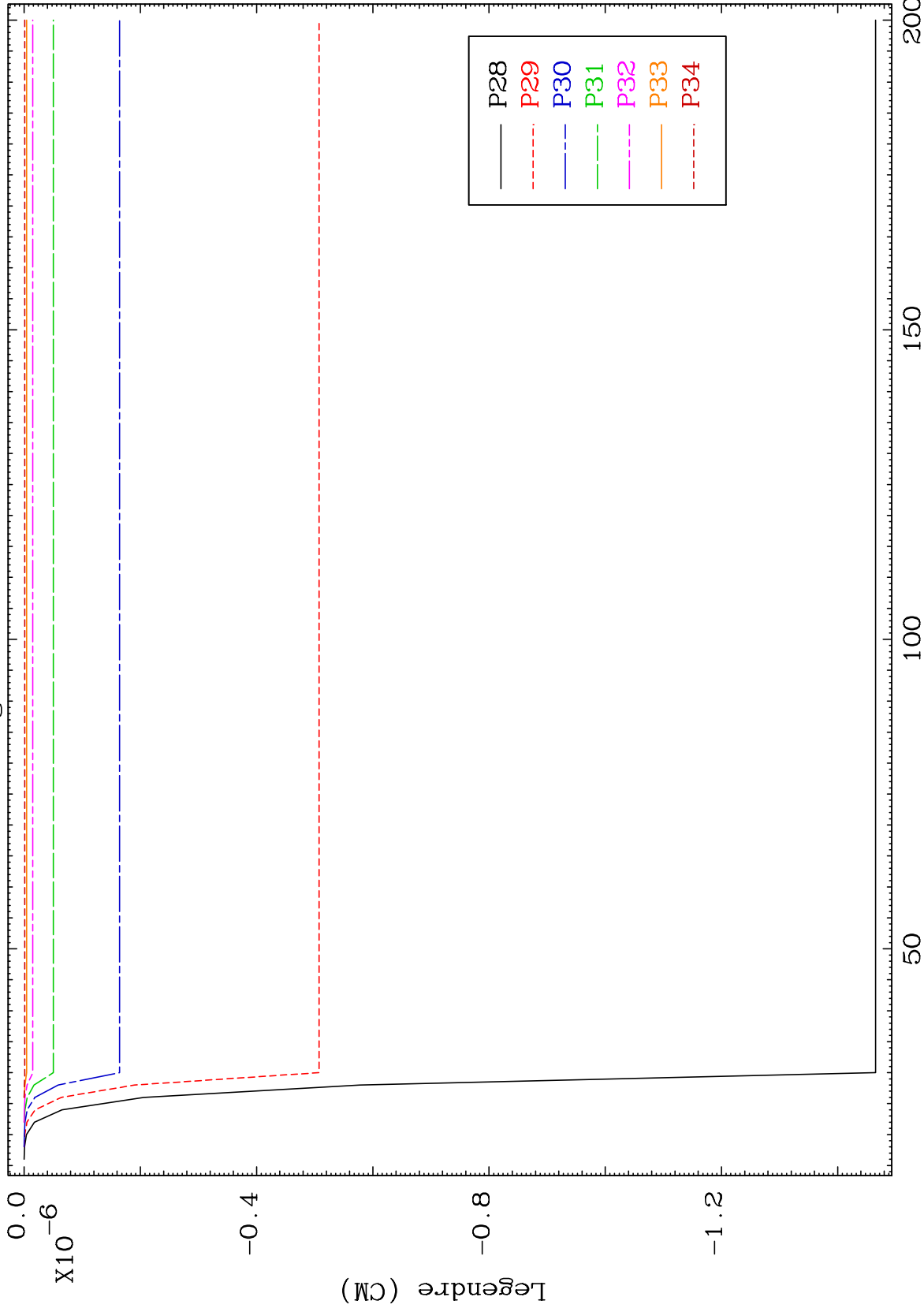
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



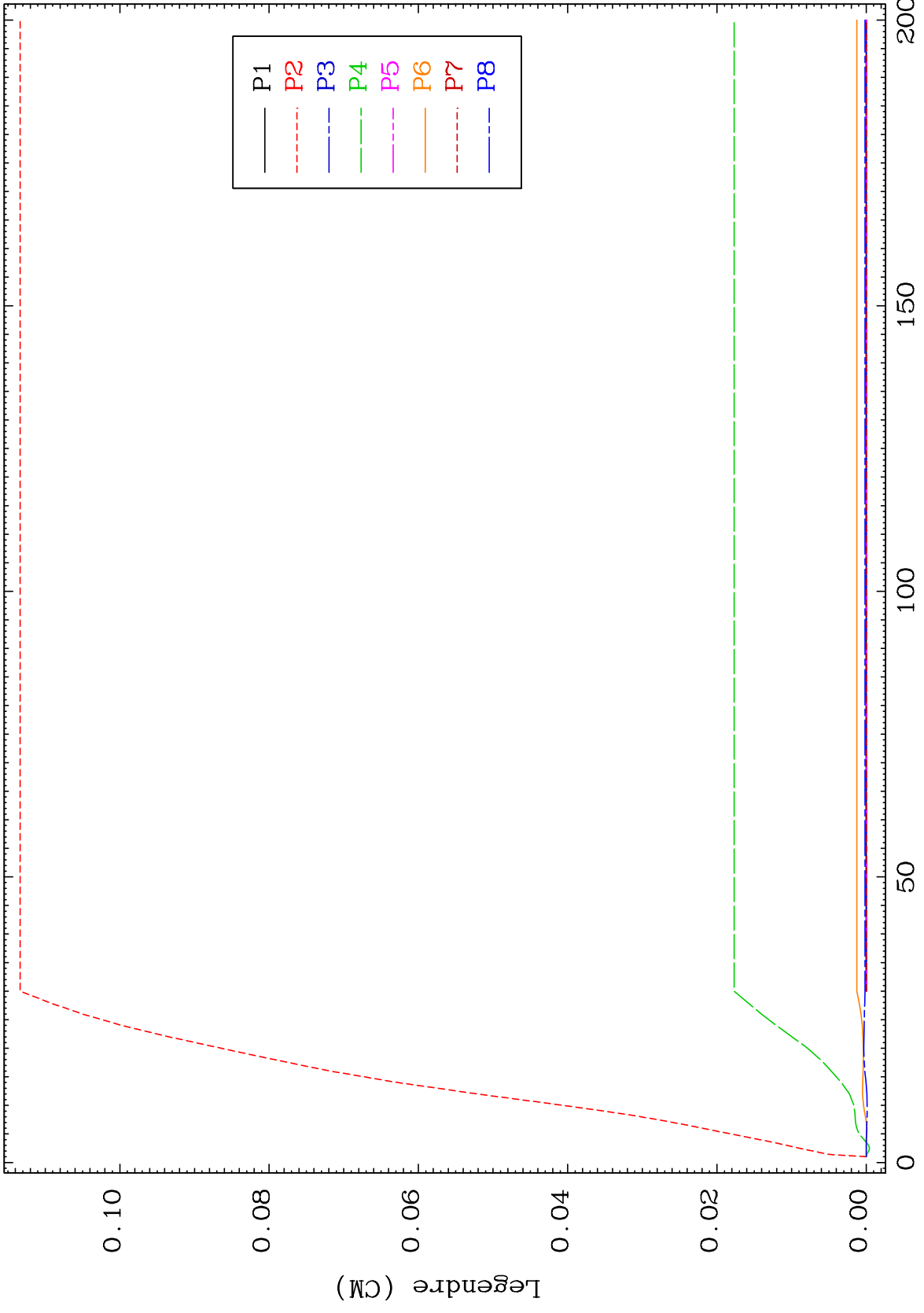
97

47-Ag-112

MAT 4740

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

47-Ag-112



98

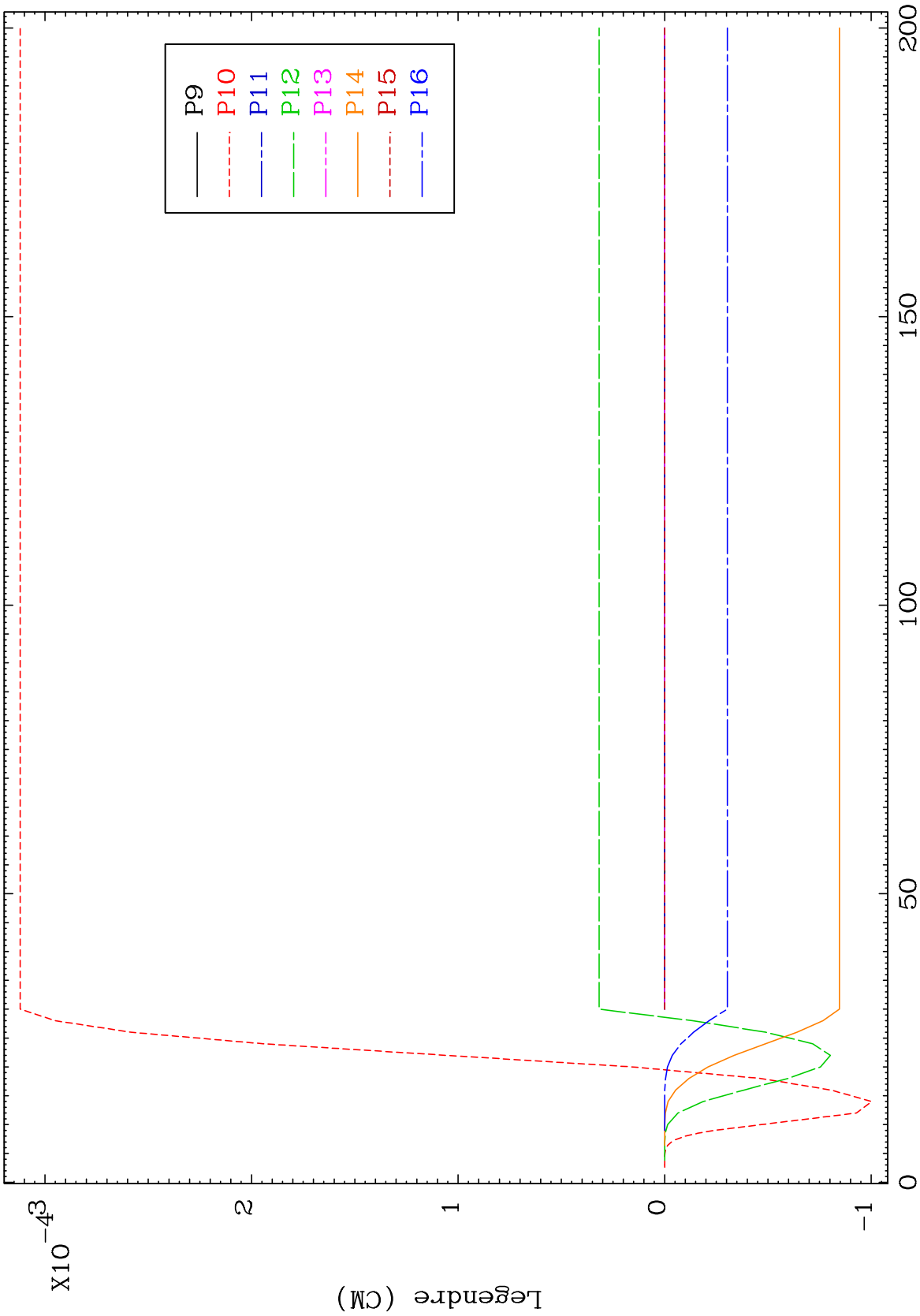
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



99

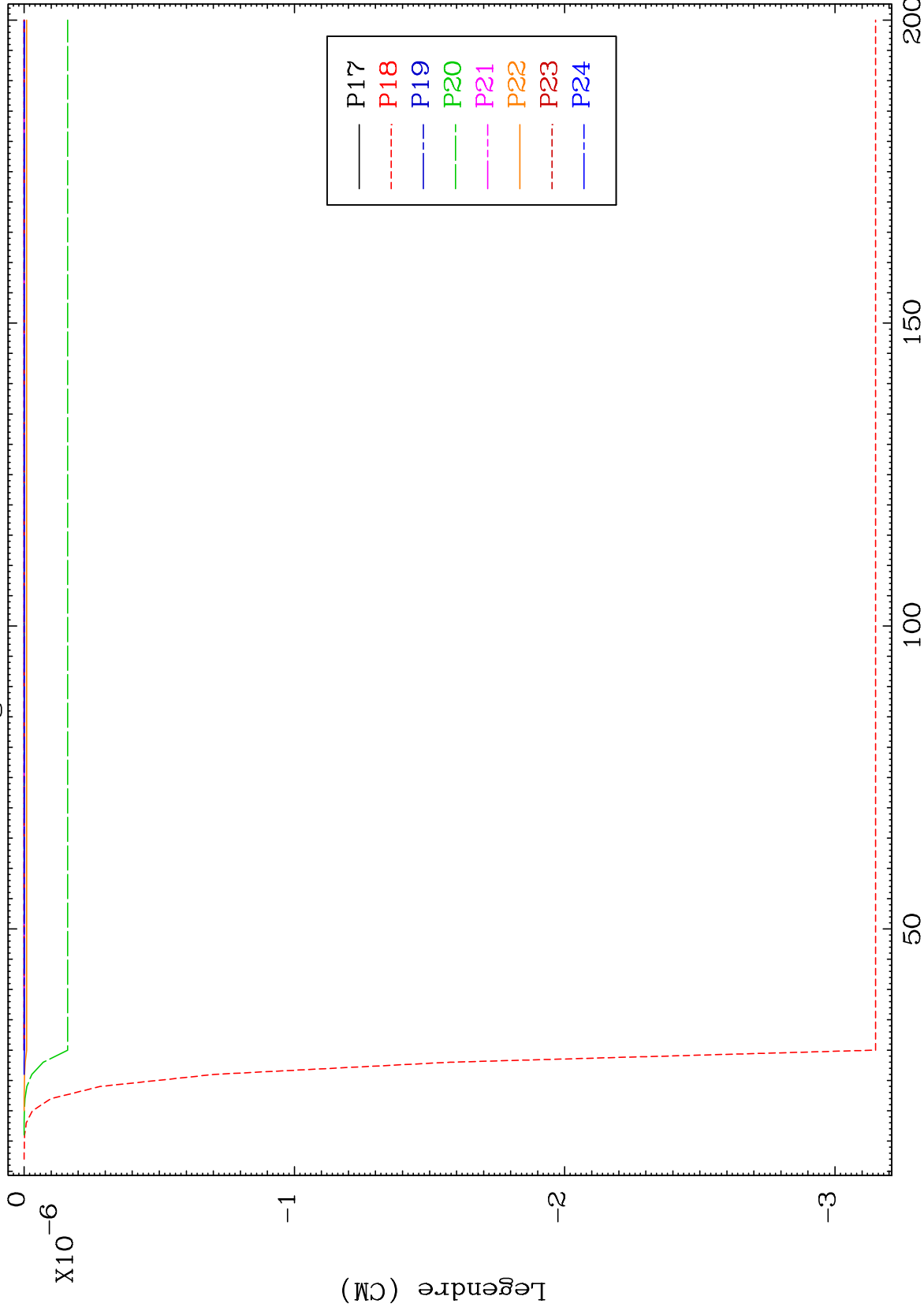
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



100

50

100

150

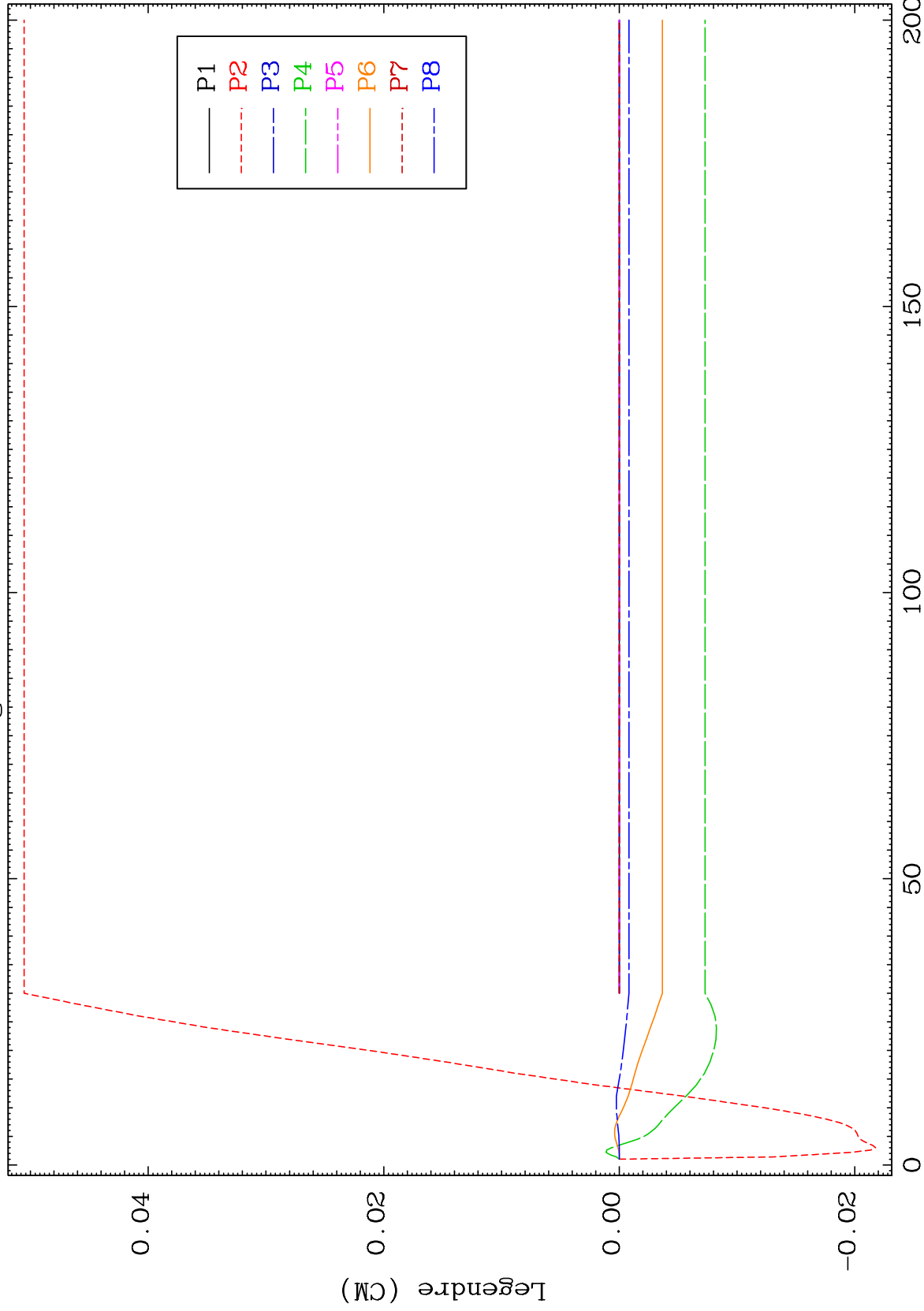
200

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

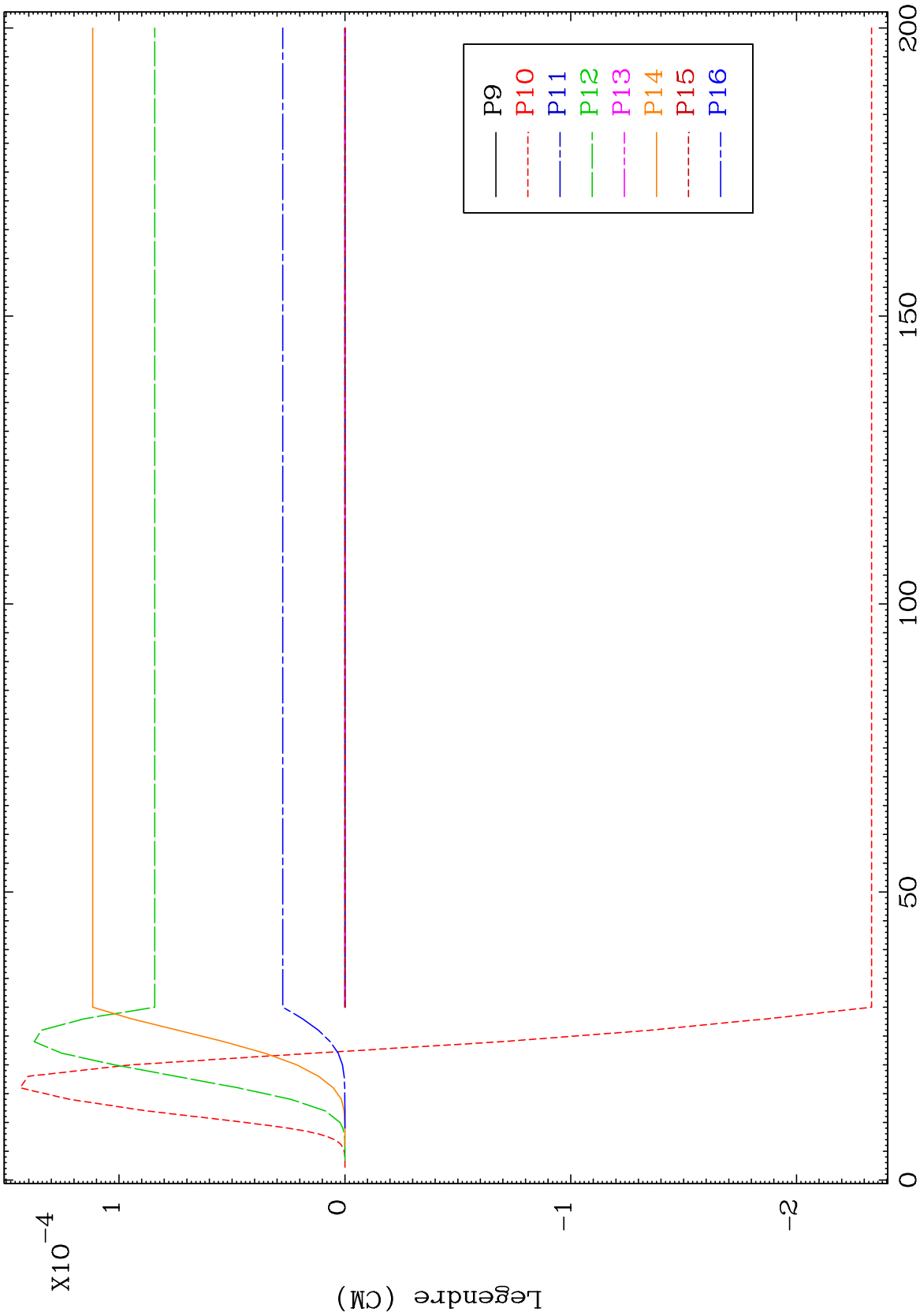
Incident Energy (MeV)

101

MAT 4740

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

47-Ag-112



102

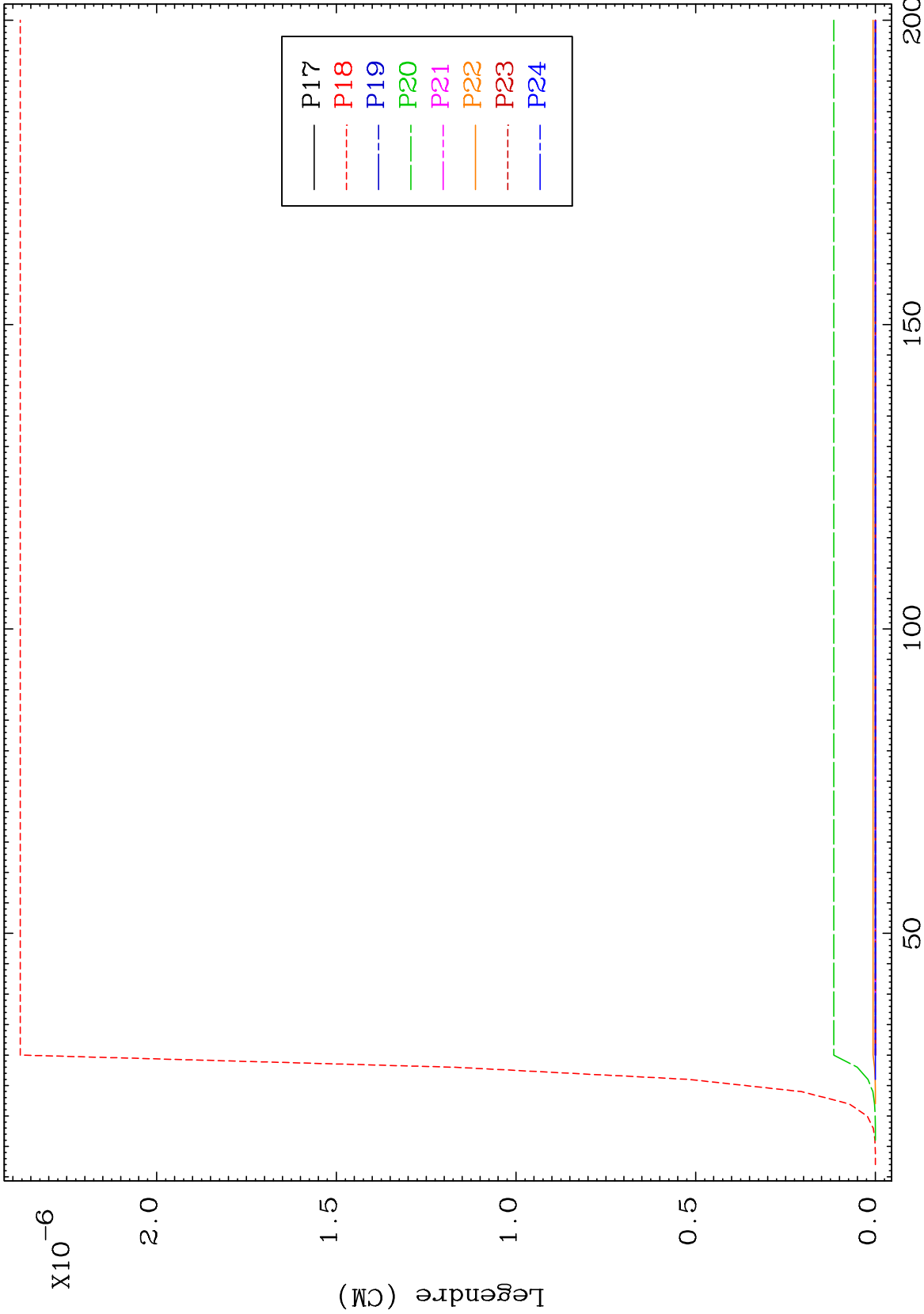
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



103

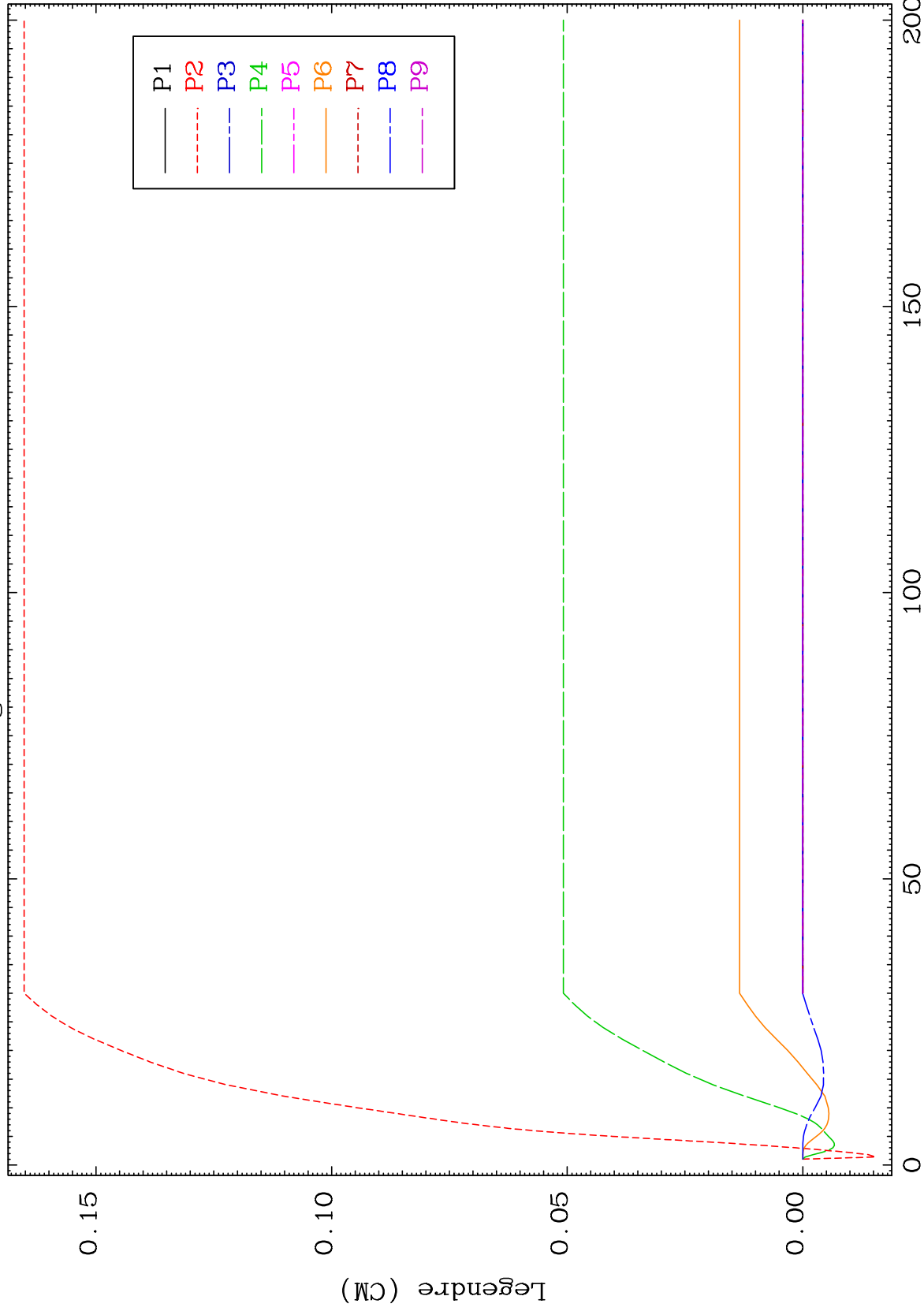
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



104

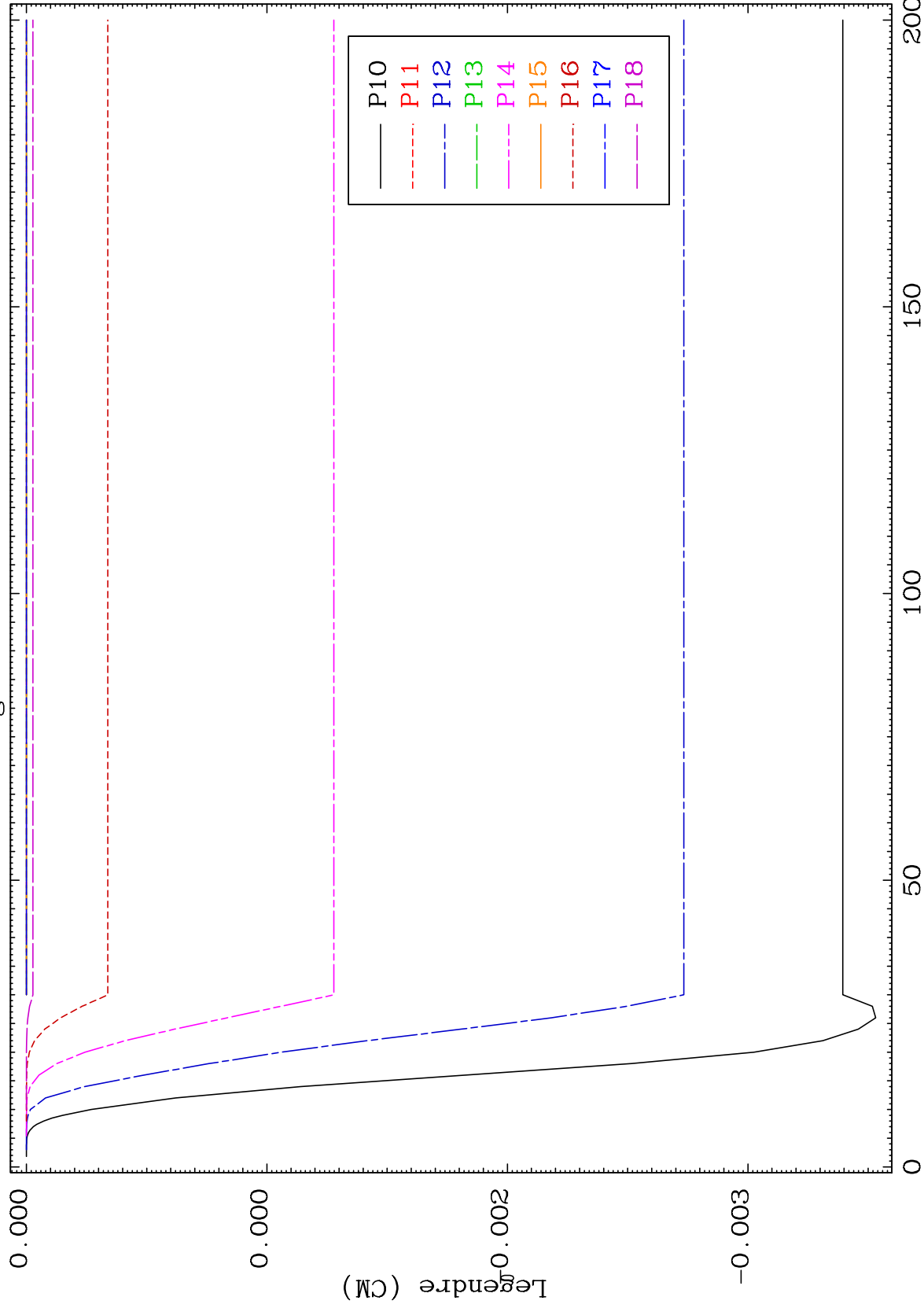
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



105

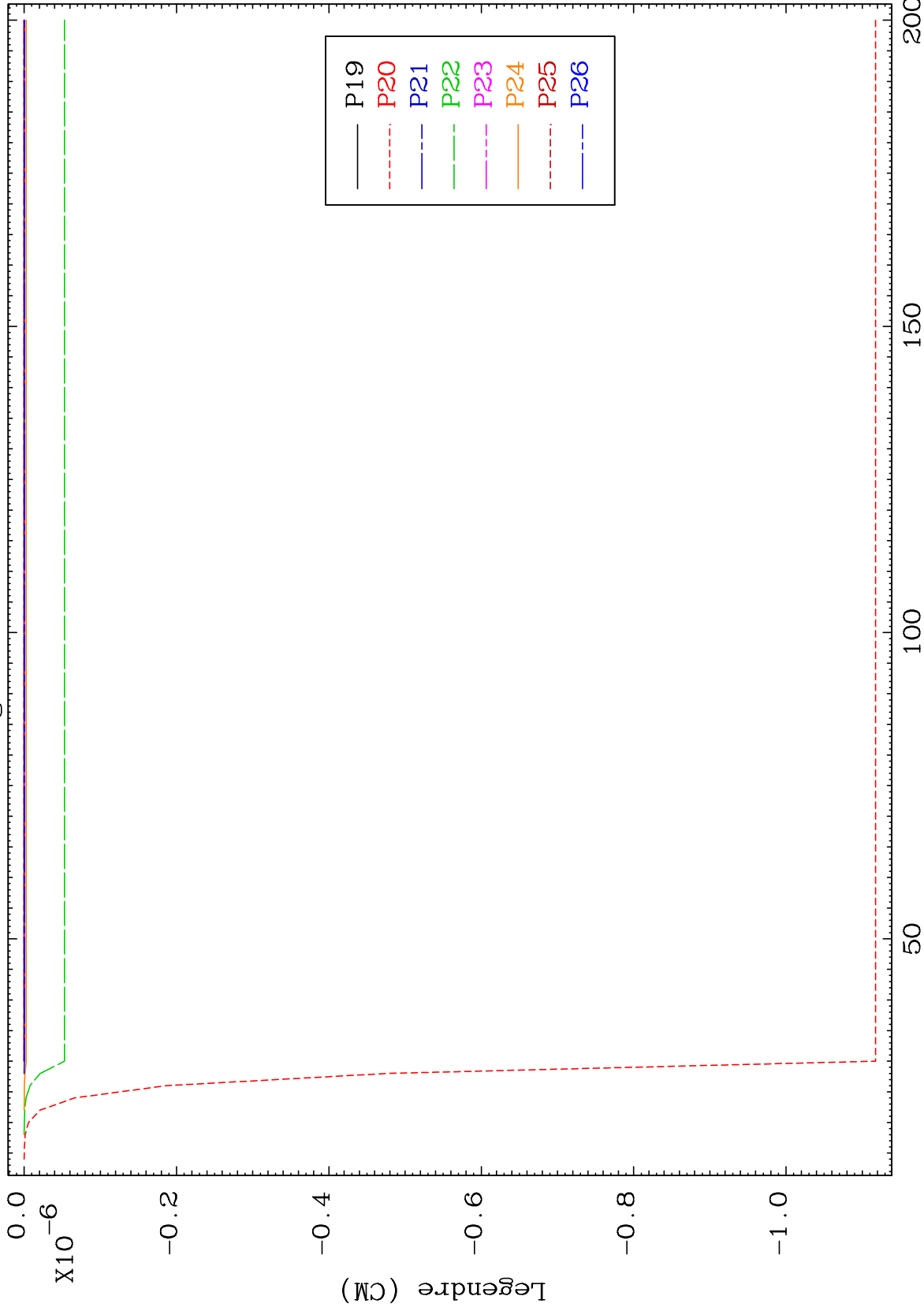
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



106

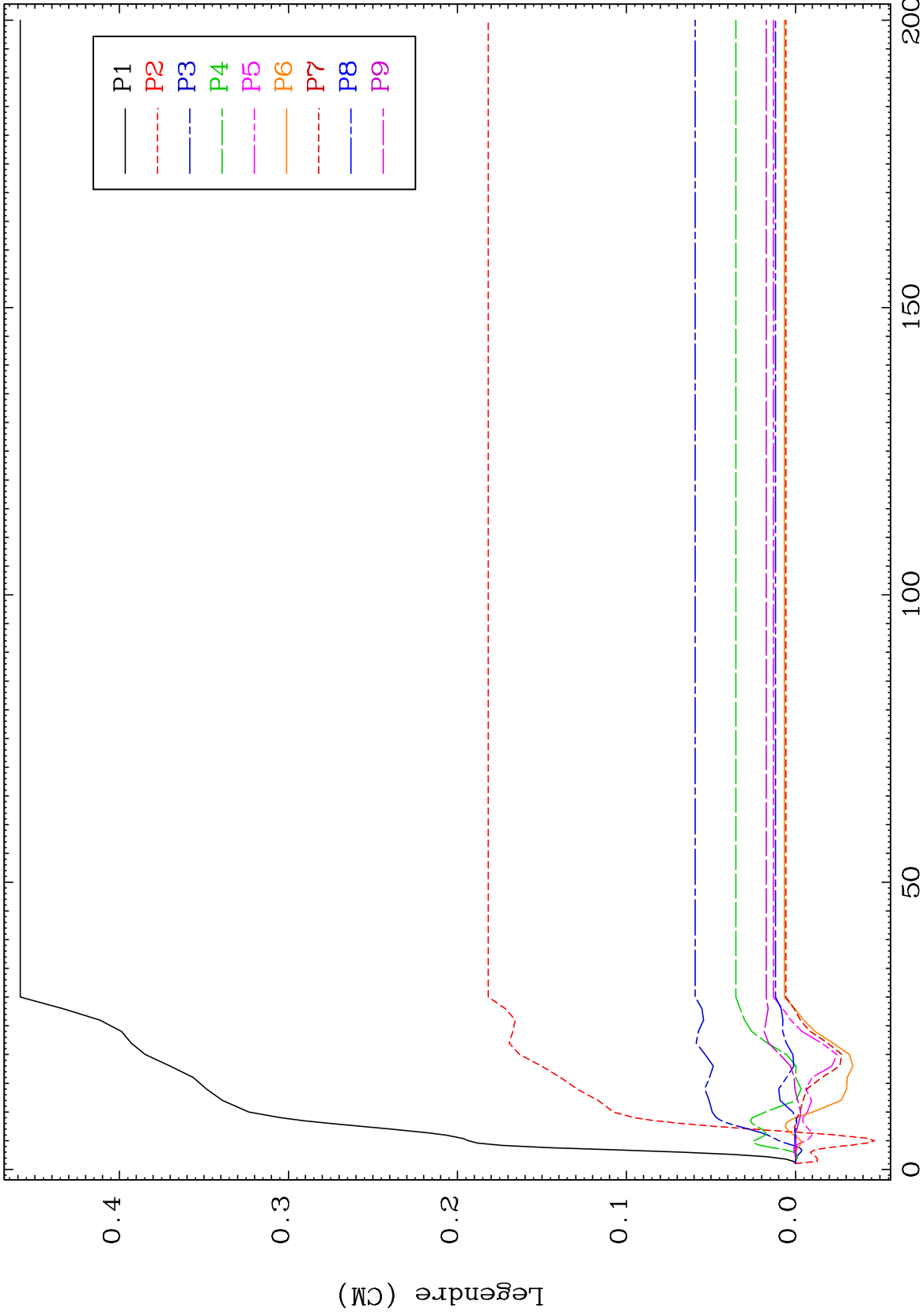
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

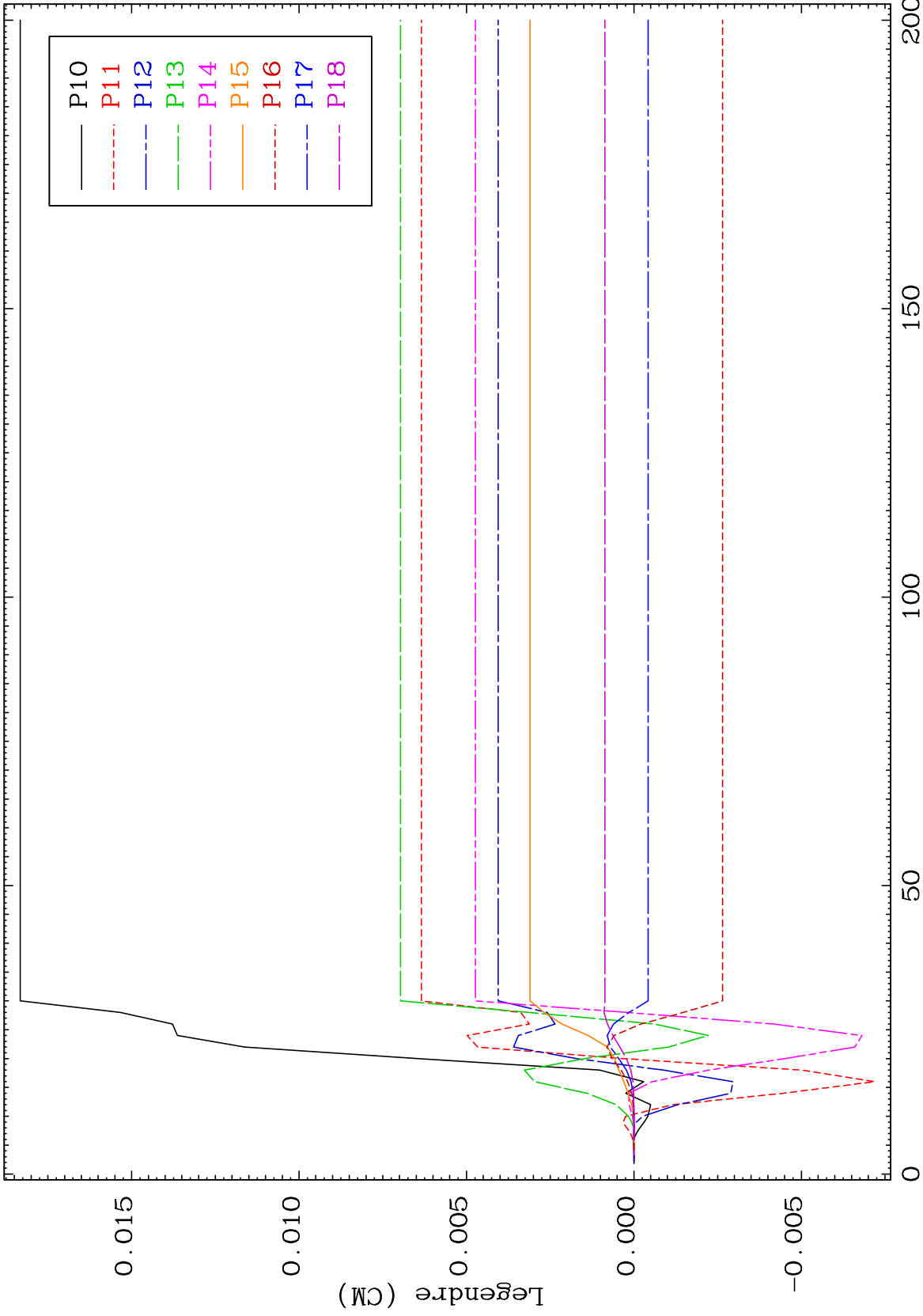
Incident Energy (MeV)

107

MAT 4740

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

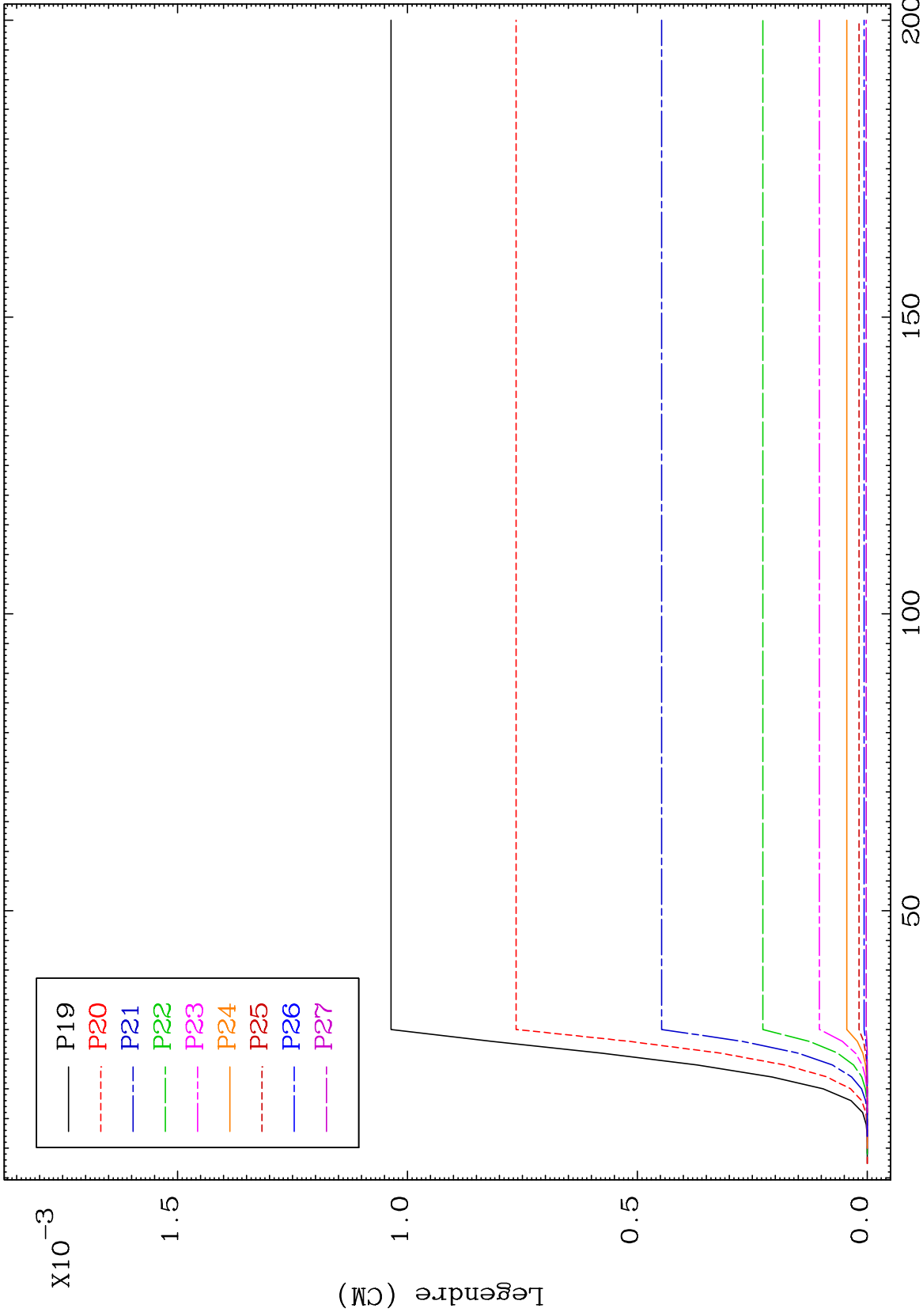
47-Ag-112



108

Incident Energy (MeV)

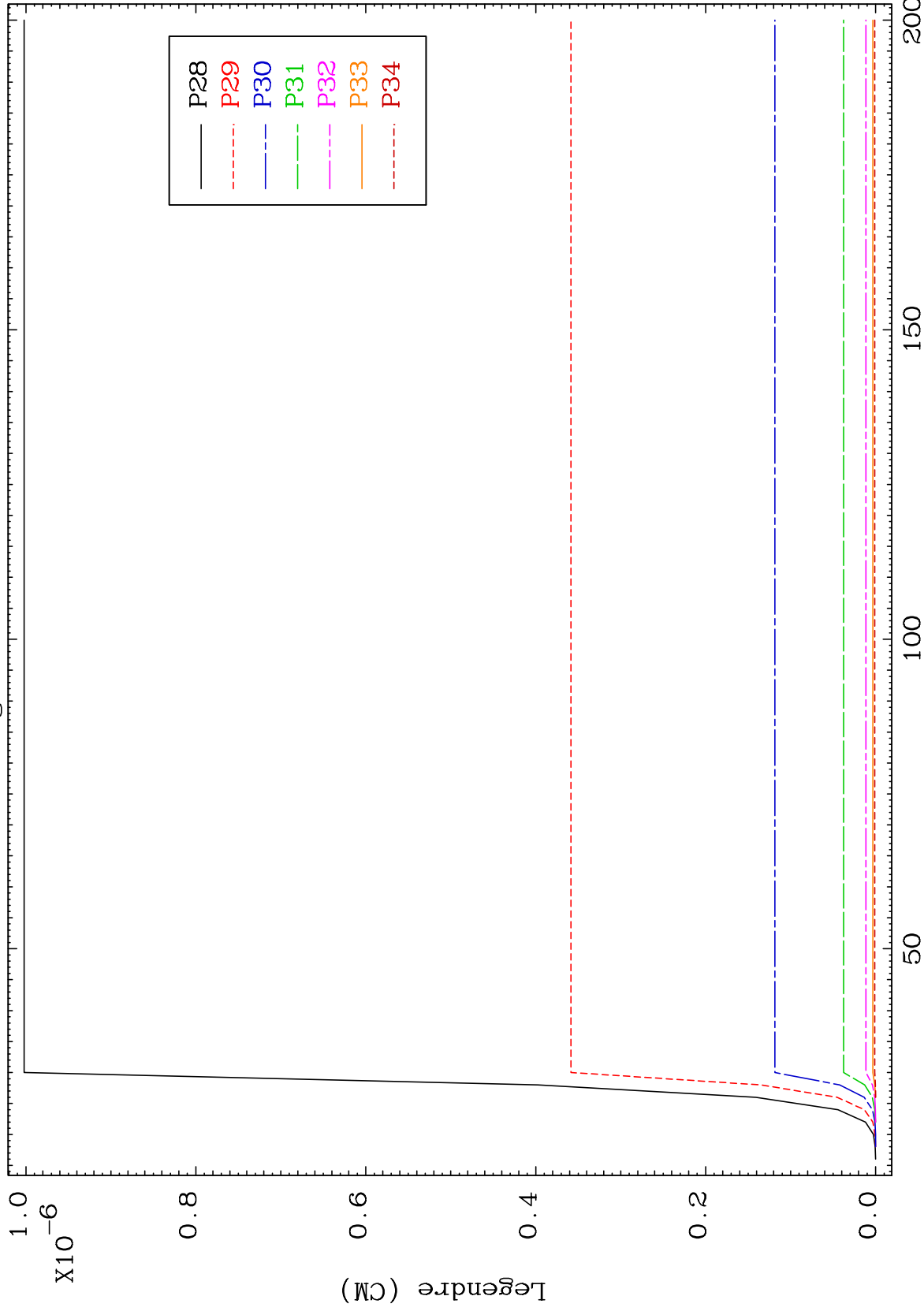
47-Ag-112



MAT 4740

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

47-Ag-112



110

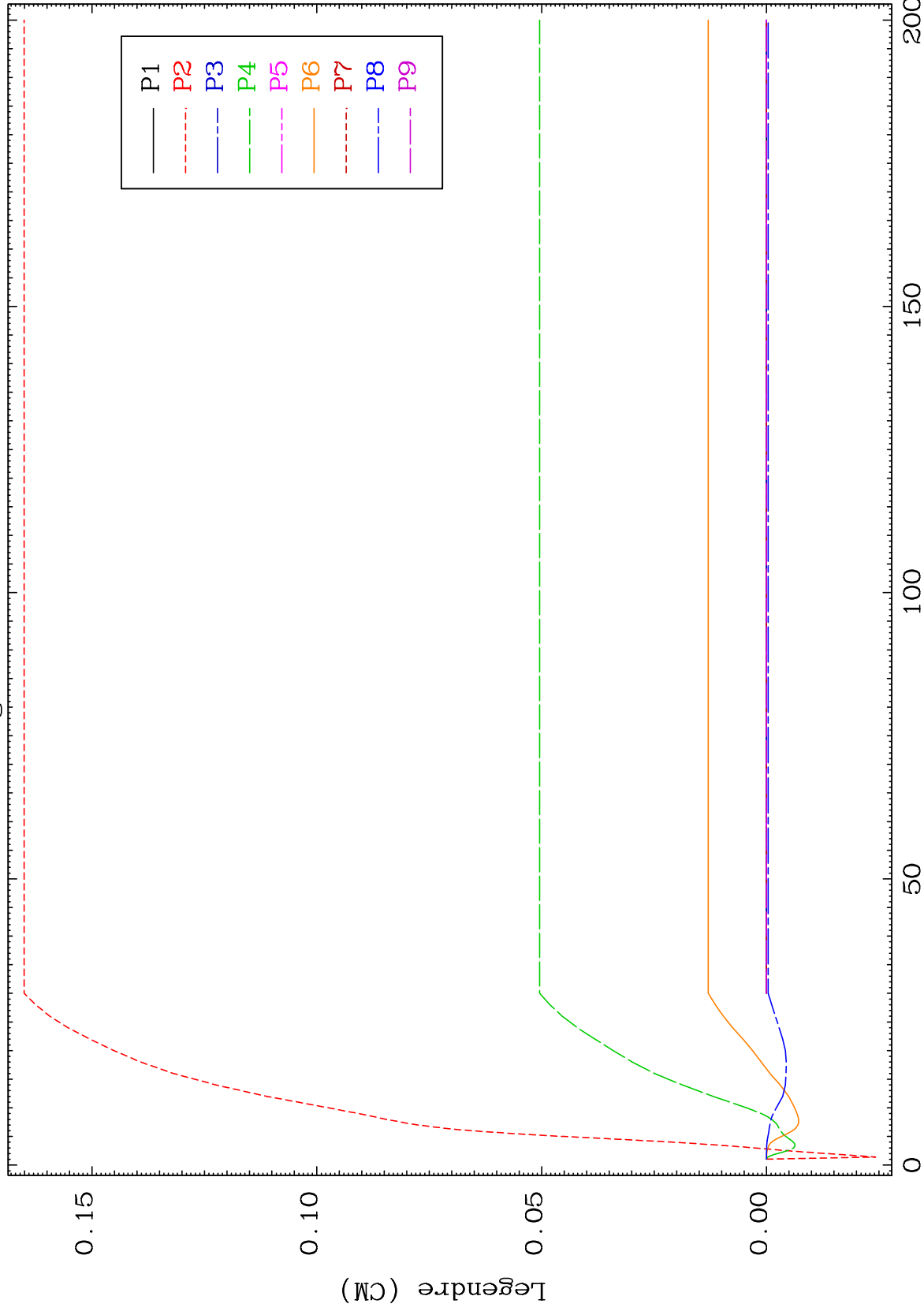
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



111

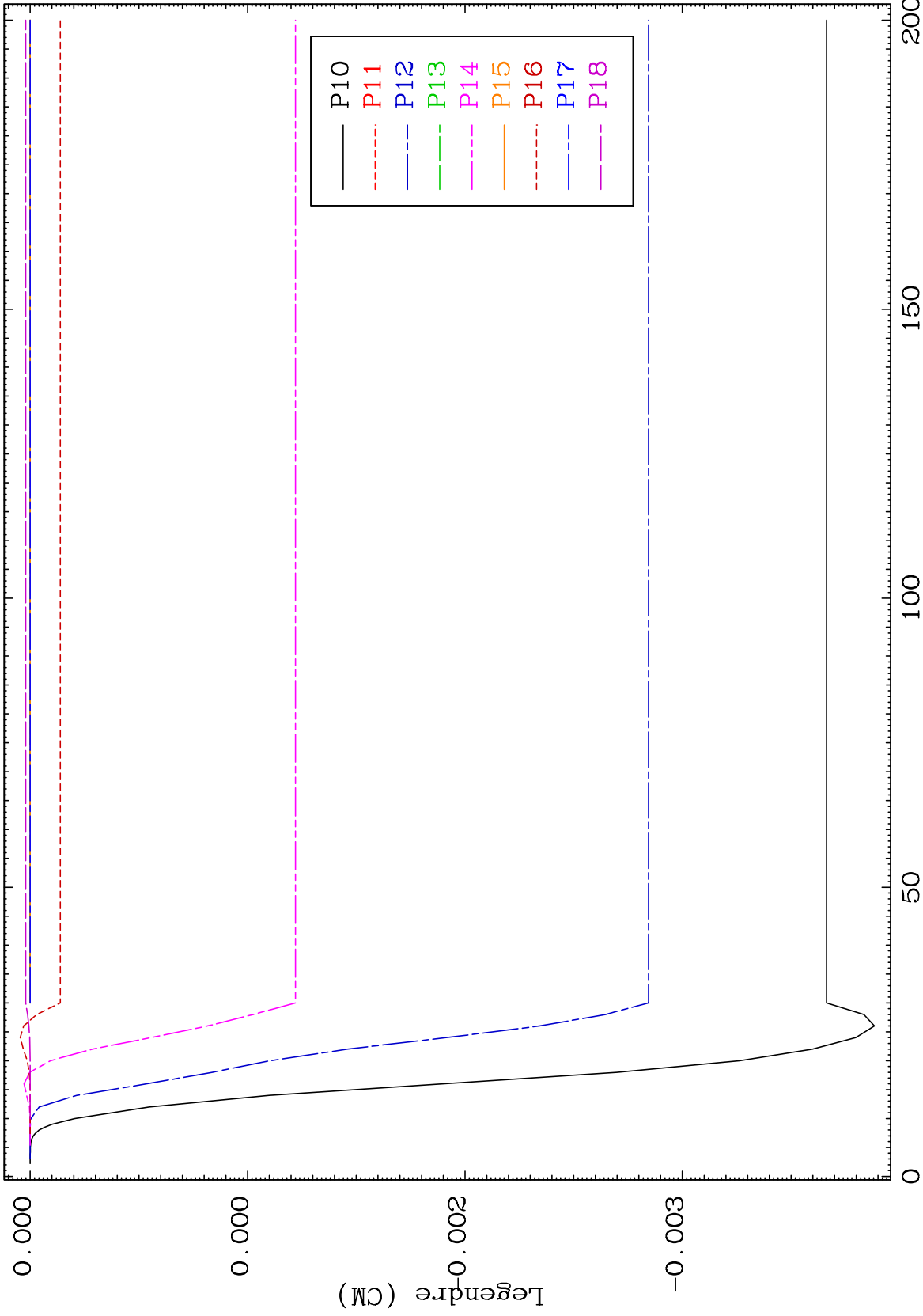
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



112

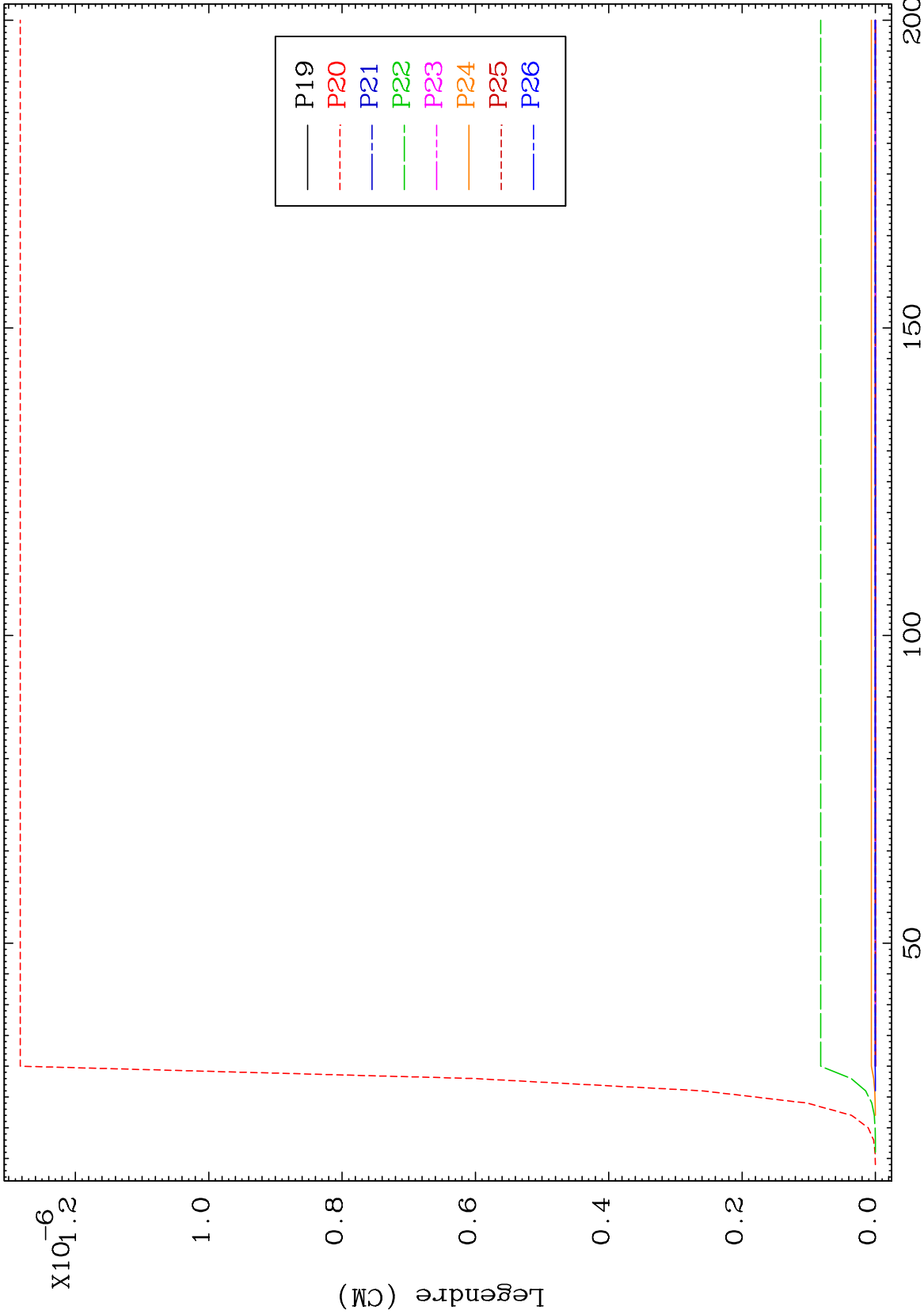
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



113

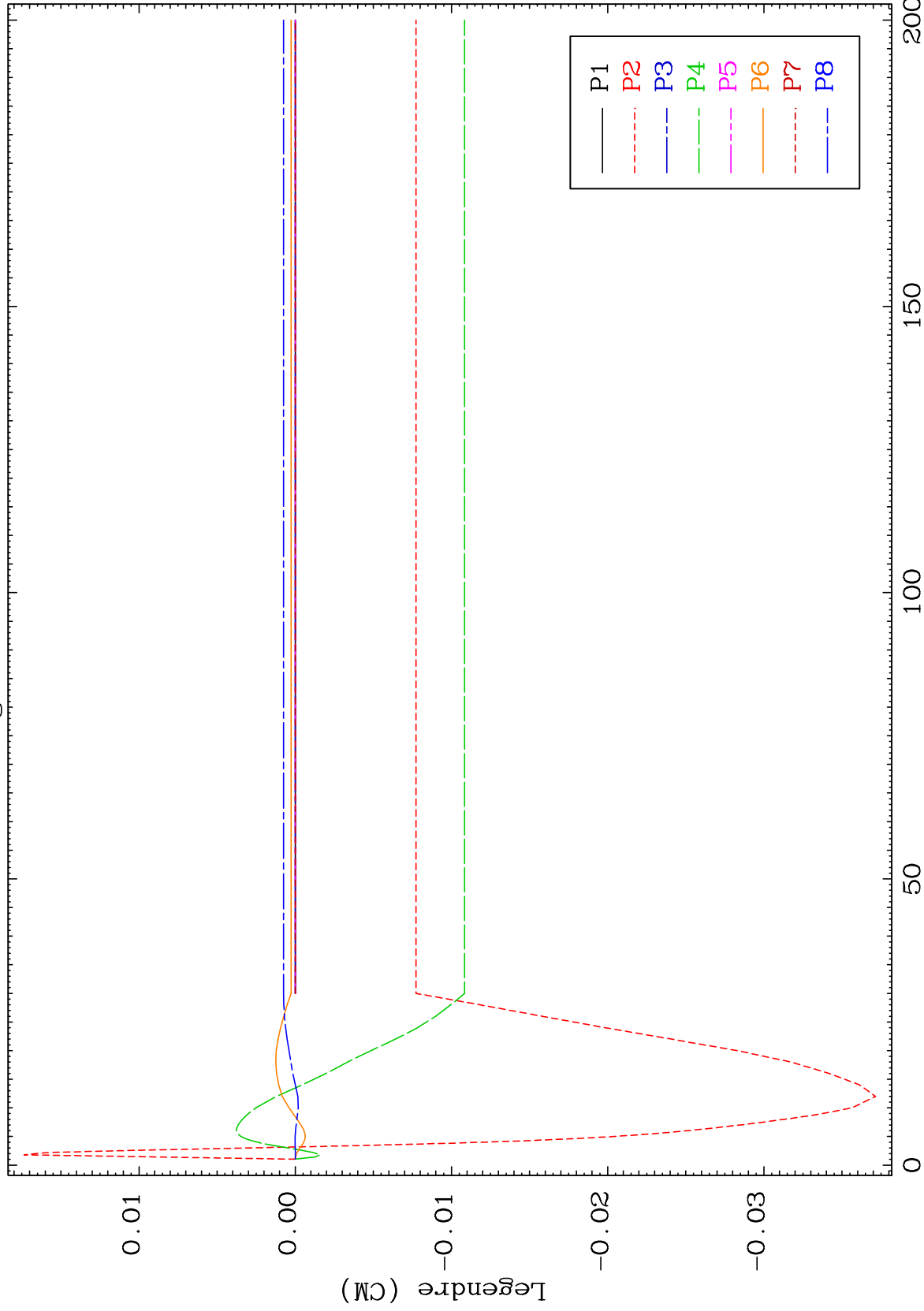
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



114

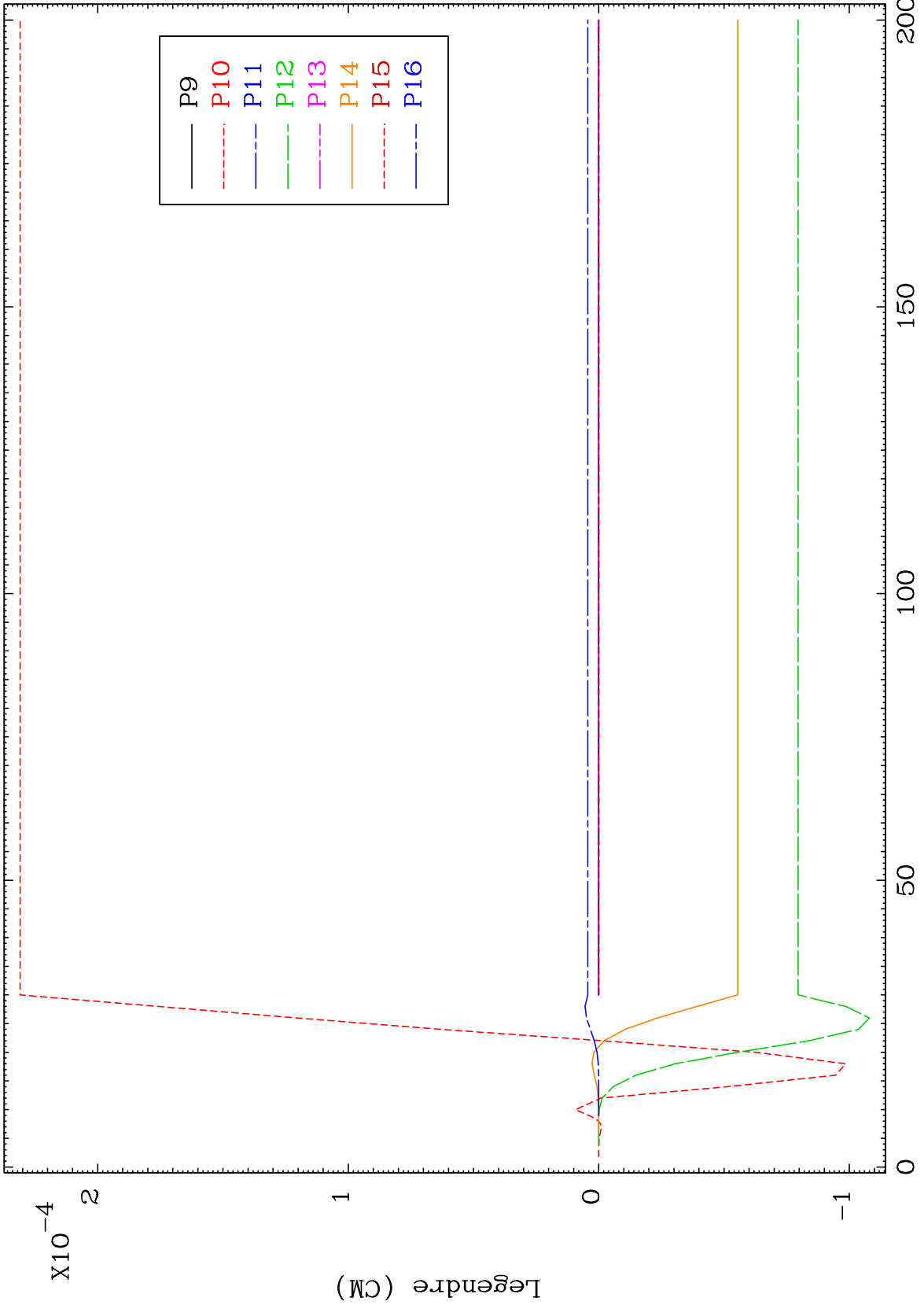
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



115

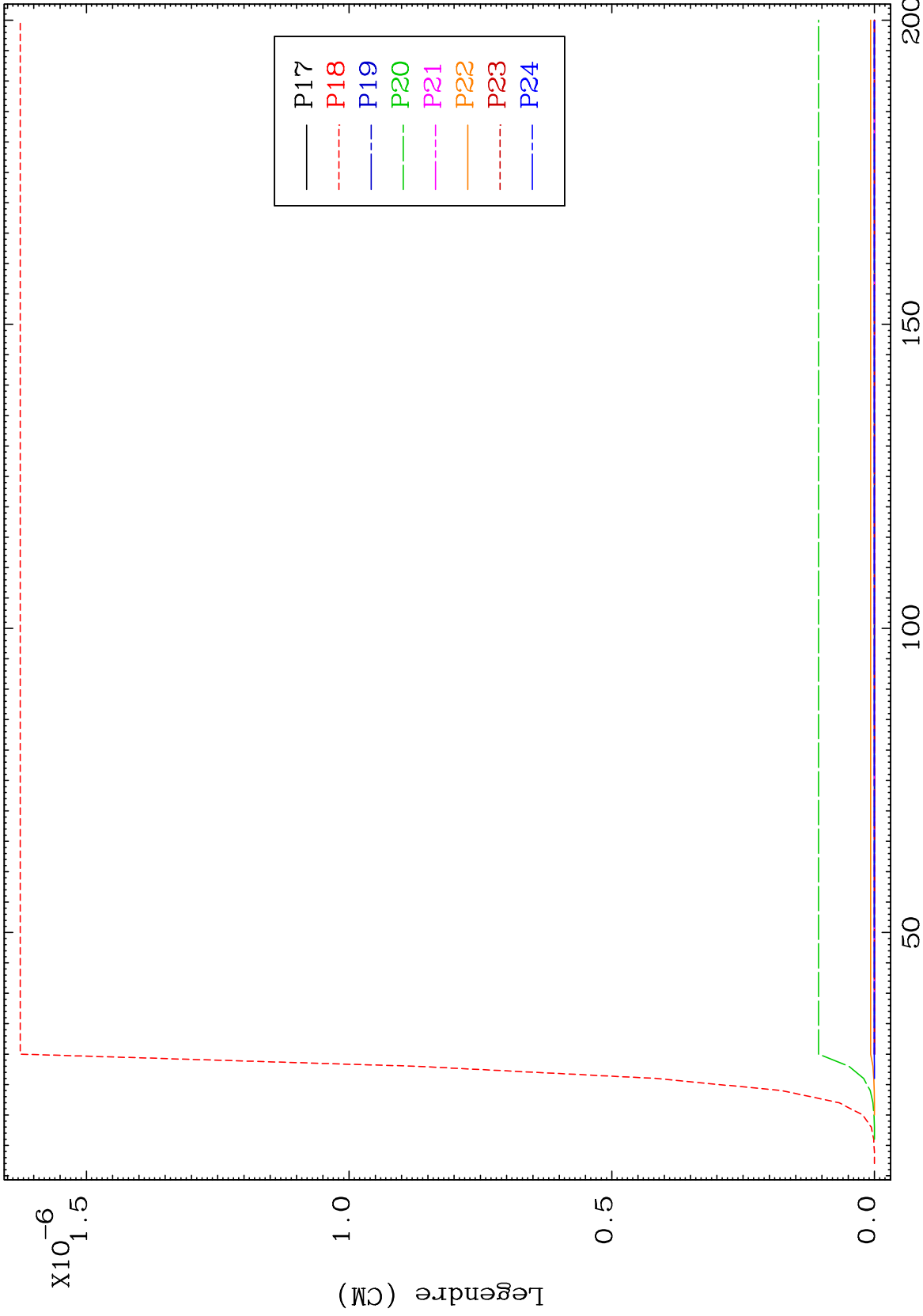
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



116

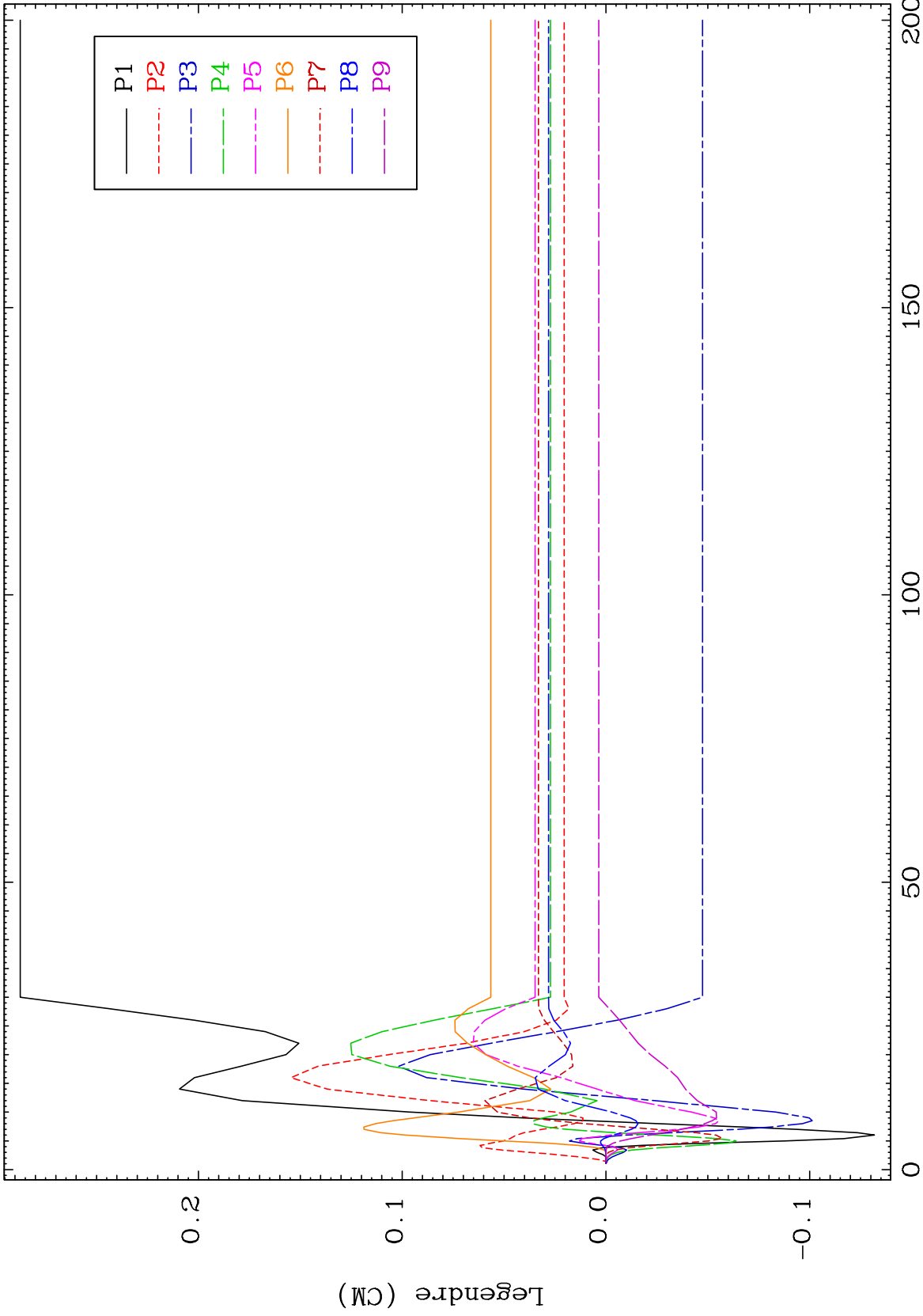
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



117

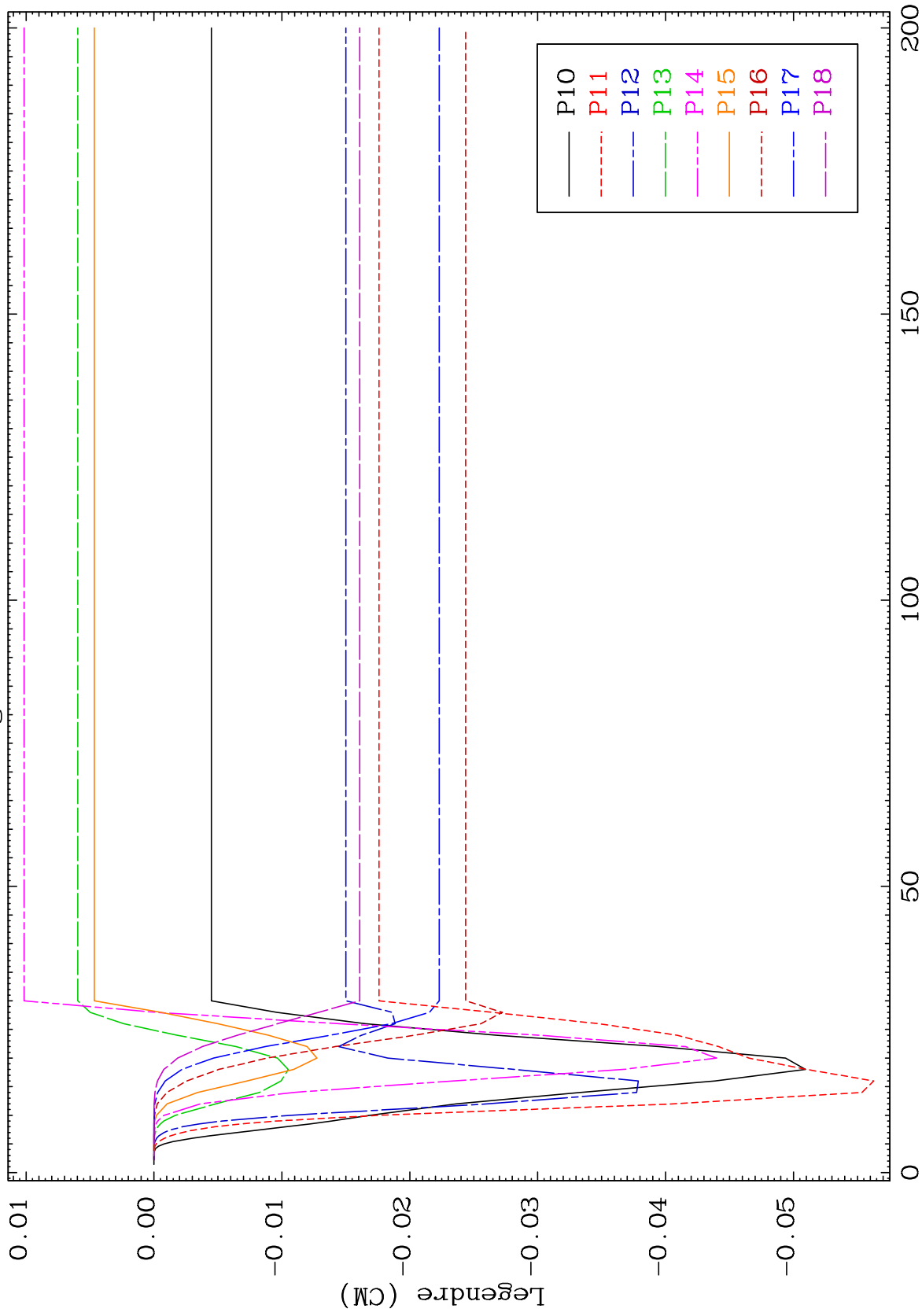
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



118

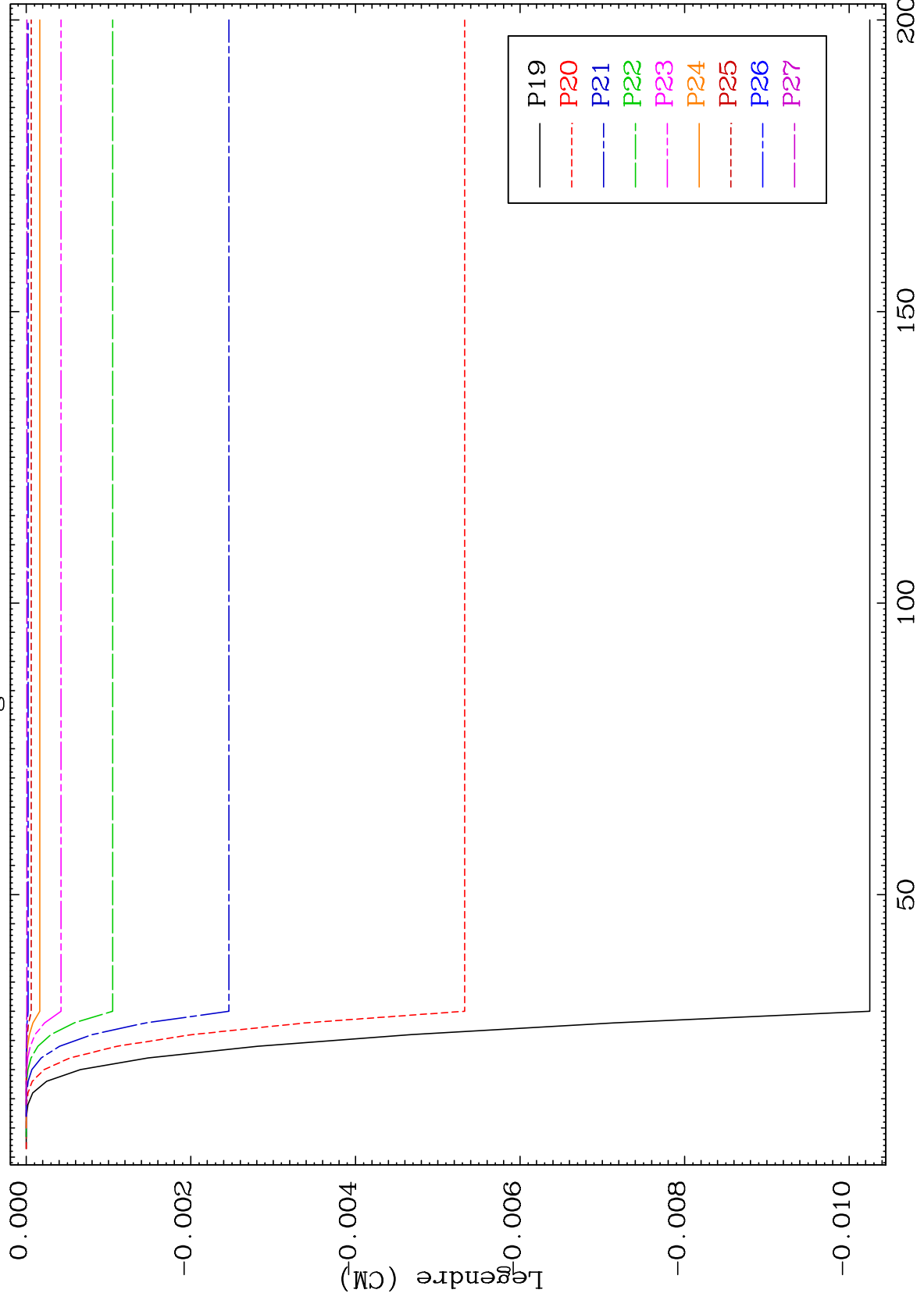
Incident Energy (MeV)

47-Ag-112

MAT 4740

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

47-Ag-112



47-Ag-112

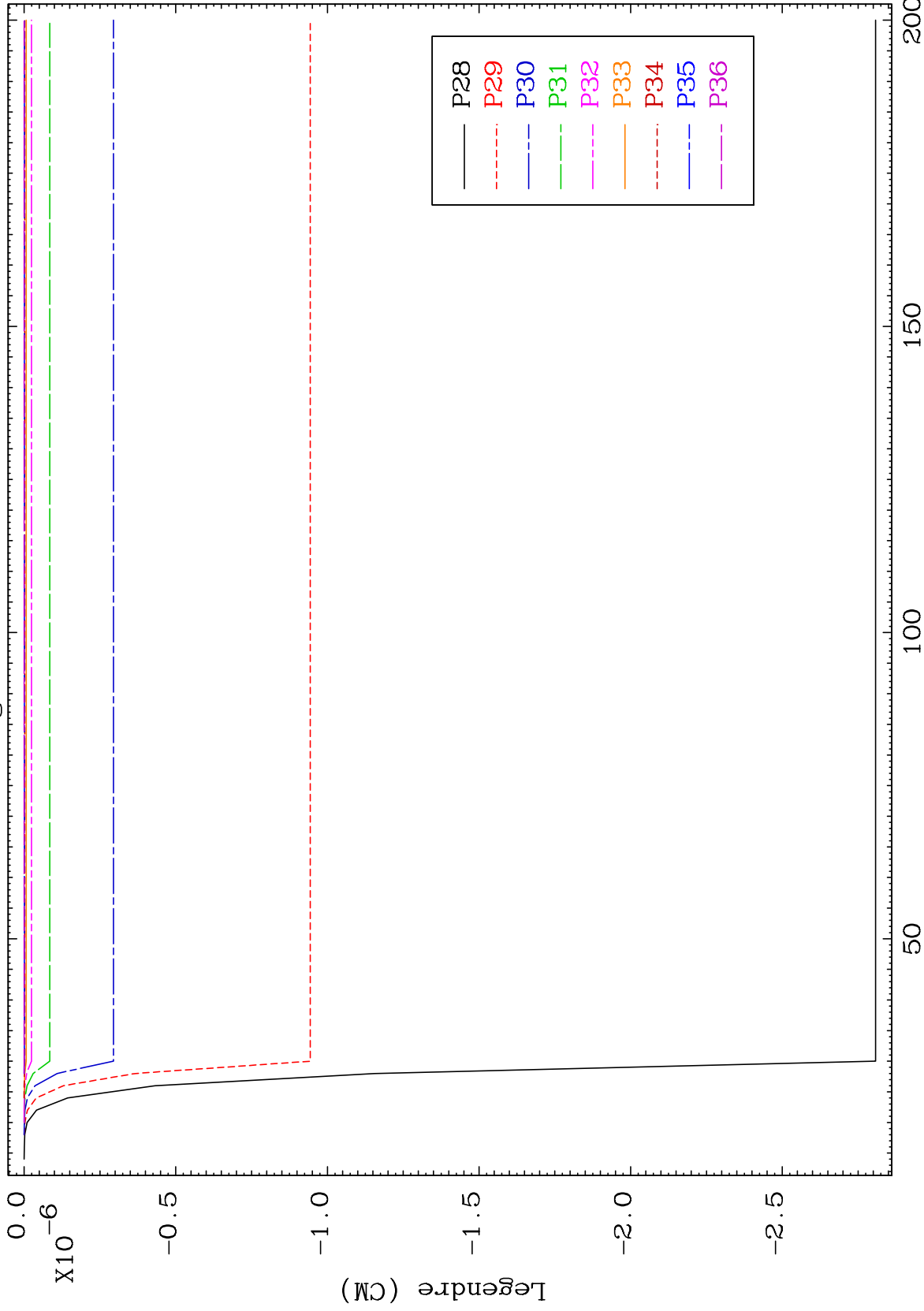
Incident Energy (MeV)

119

MAT 4740

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

47-Ag-112



120

Incident Energy (MeV)

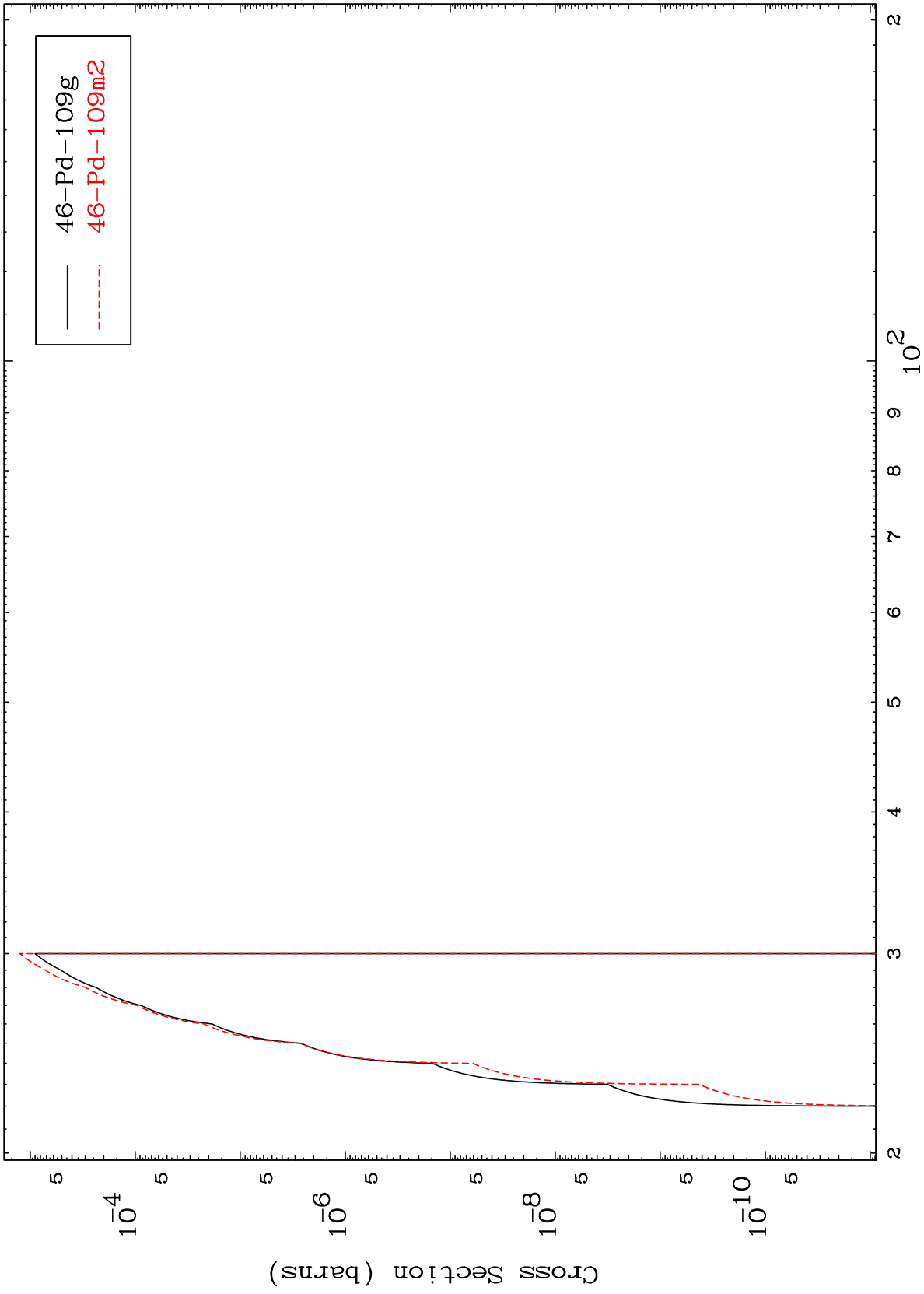
47-Ag-112

MAT 4740

(n,2n) d

47-Ag-112

Radionuclide Production Cross Section



121

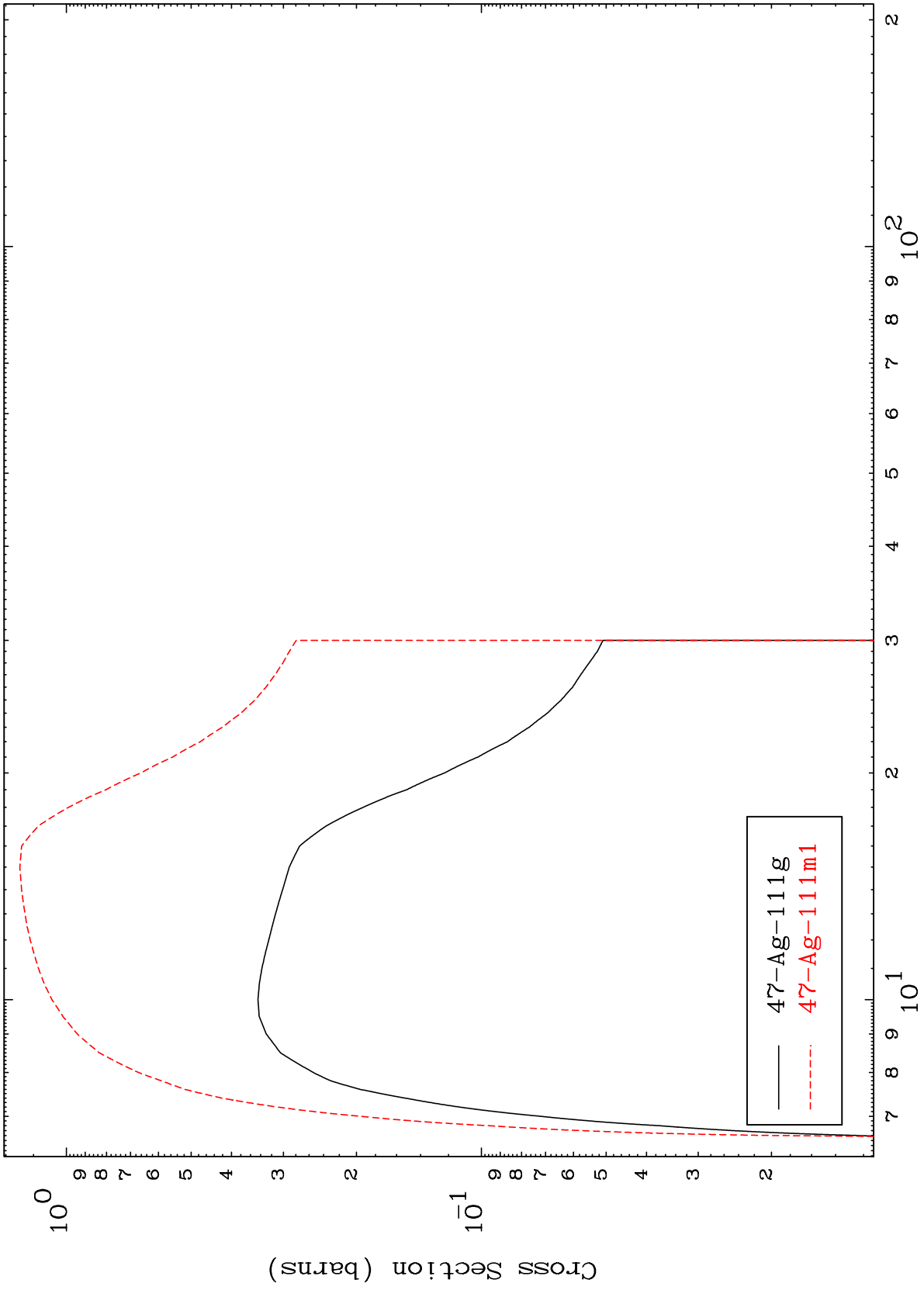
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

(n,2n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

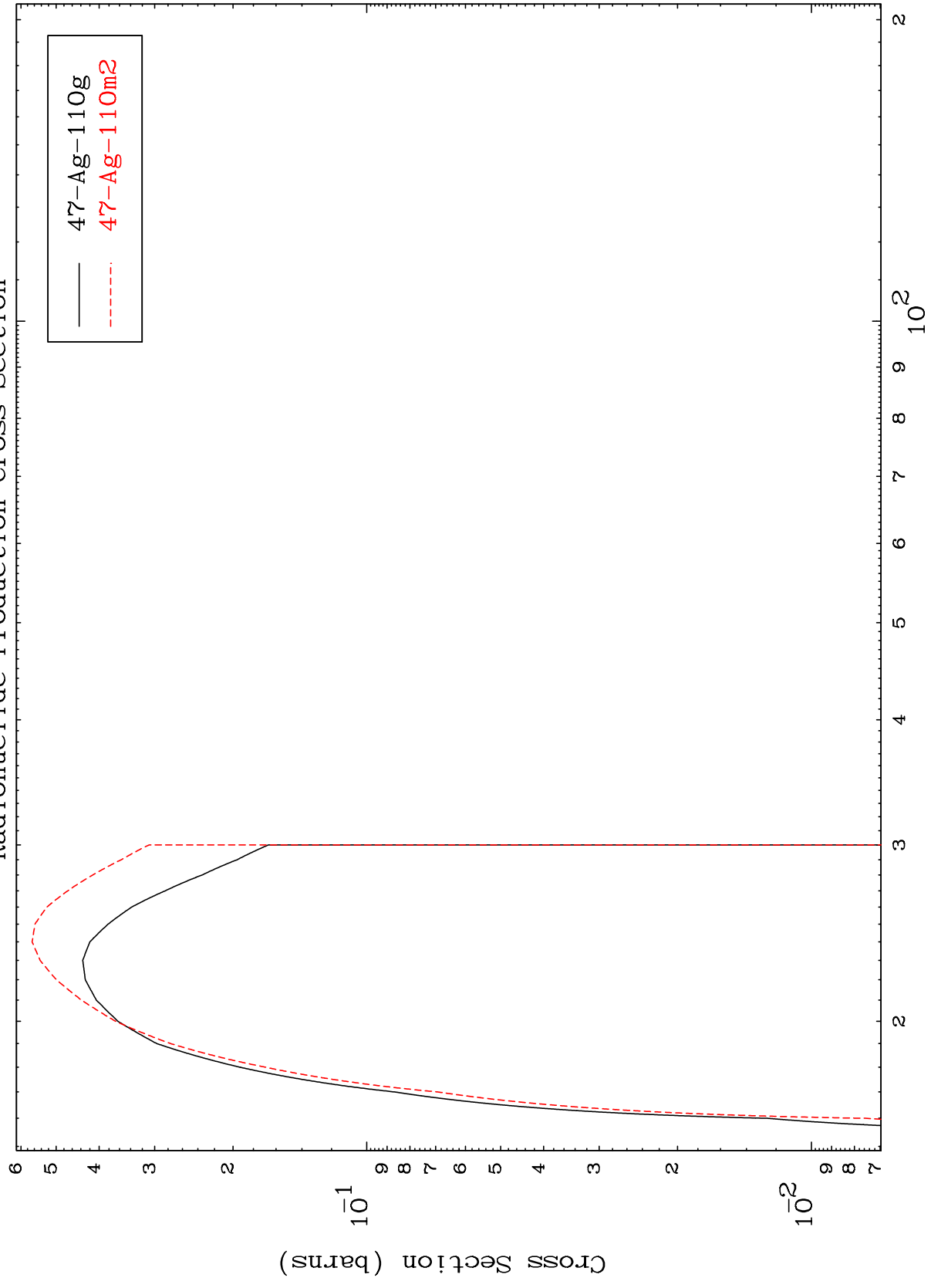
47-Ag-112

MAT 4740

(n,3n)

47-Ag-112

Radionuclide Production Cross Section



123

Incident Energy (MeV)

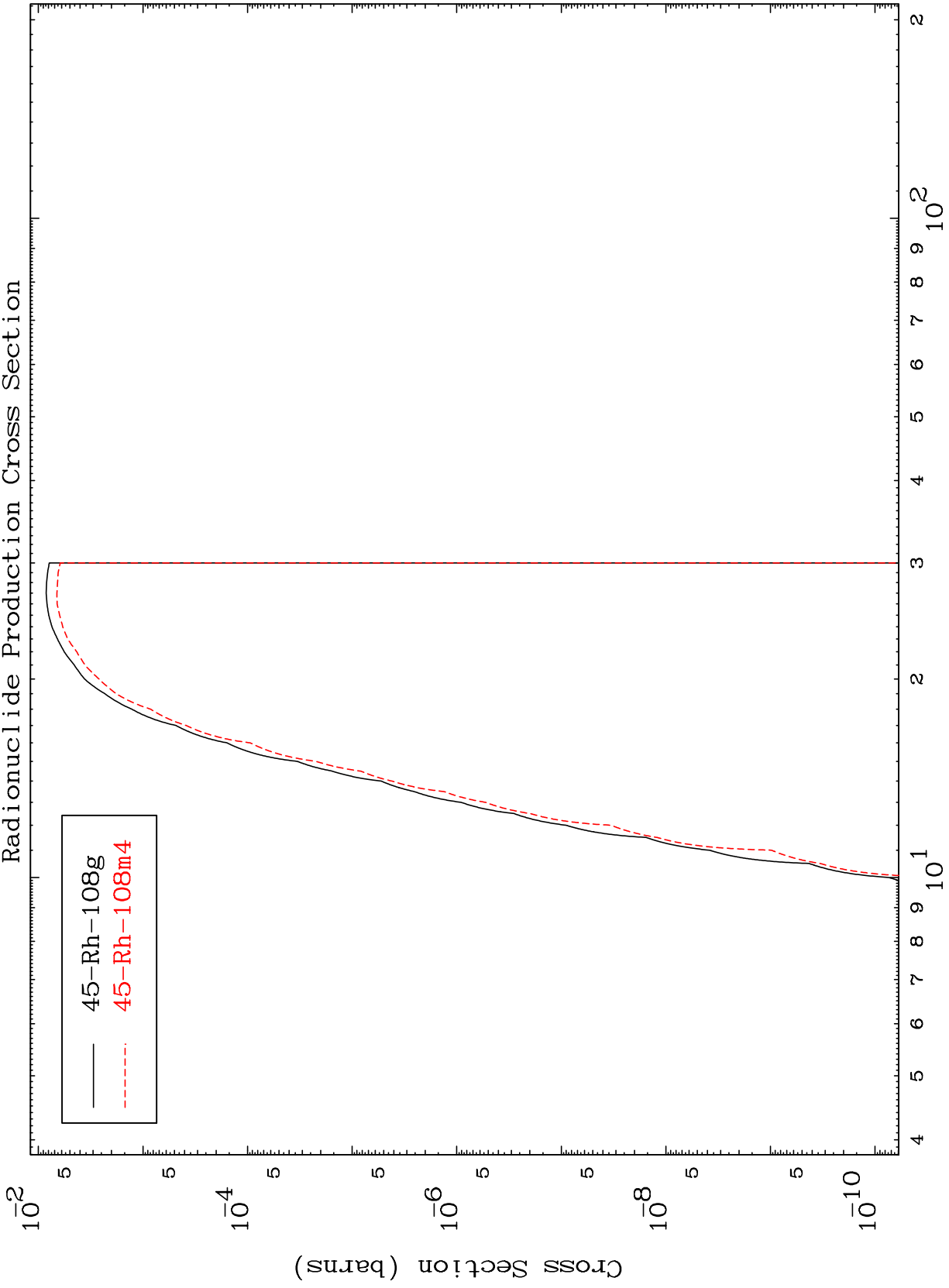
47-Ag-112

MAT 4740

(n,n') α

47-Ag-112

Radionuclide Production Cross Section



45-Rh-108g
45-Rh-108m4

124

Incident Energy (MeV)

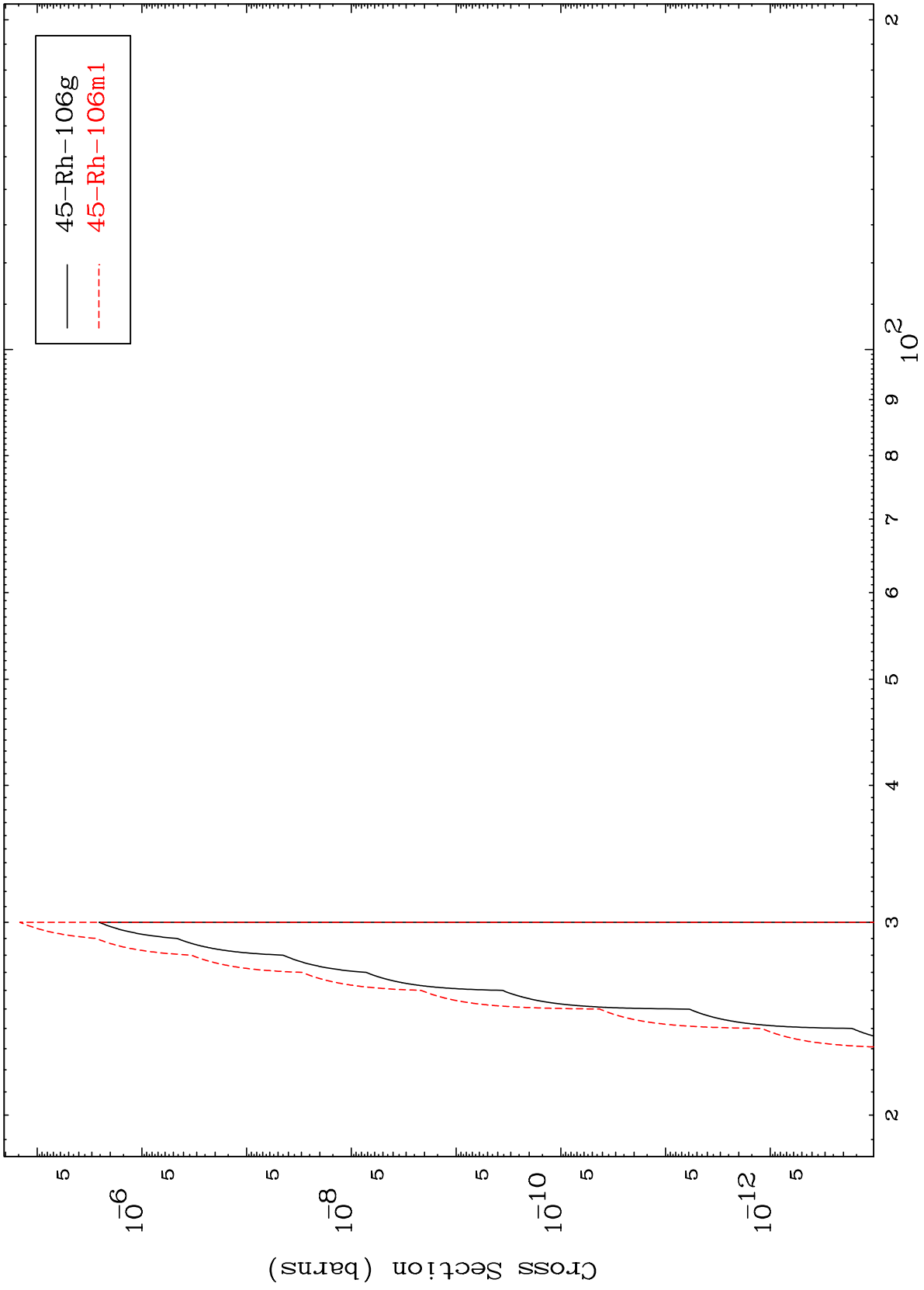
47-Ag-112

MAT 4740

(n,3n) α

47-Ag-112

Radionuclide Production Cross Section



125

Incident Energy (MeV)

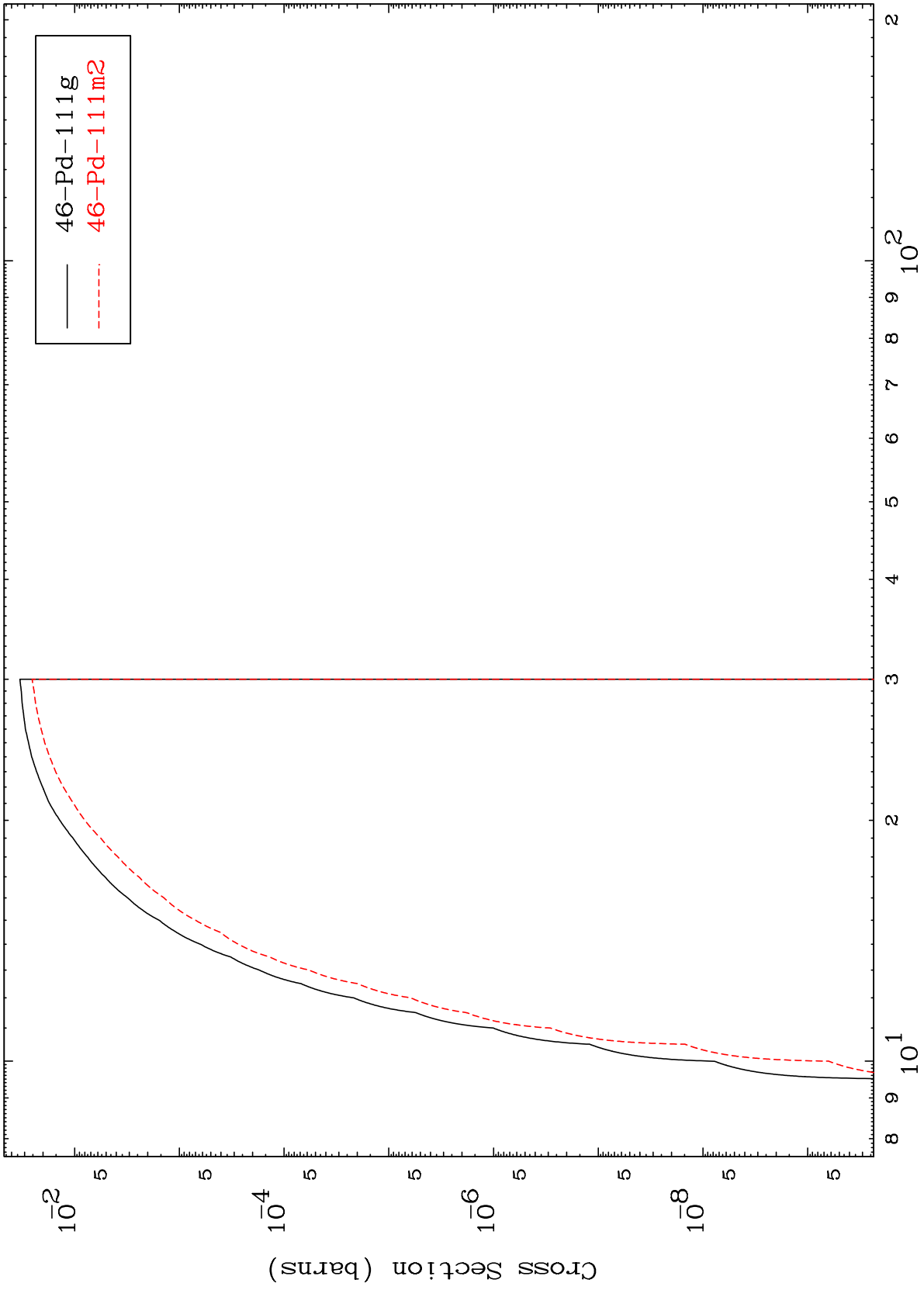
47-Ag-112

MAT 4740

(n,n') p

47-Ag-112

Radionuclide Production Cross Section



126

Incident Energy (MeV)

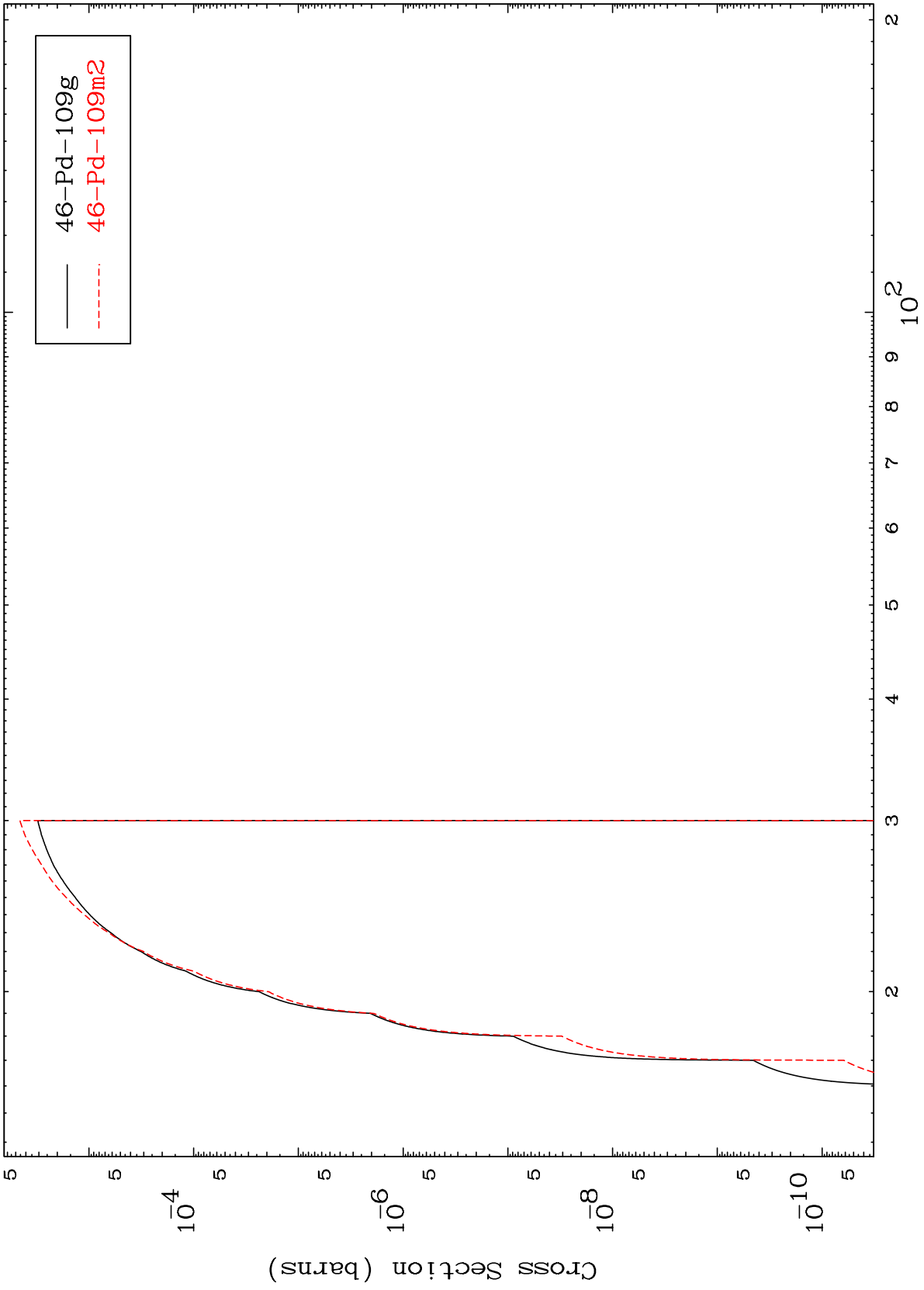
47-Ag-112

MAT 4740

(n,n') t

47-Ag-112

Radionuclide Production Cross Section



127

Incident Energy (MeV)

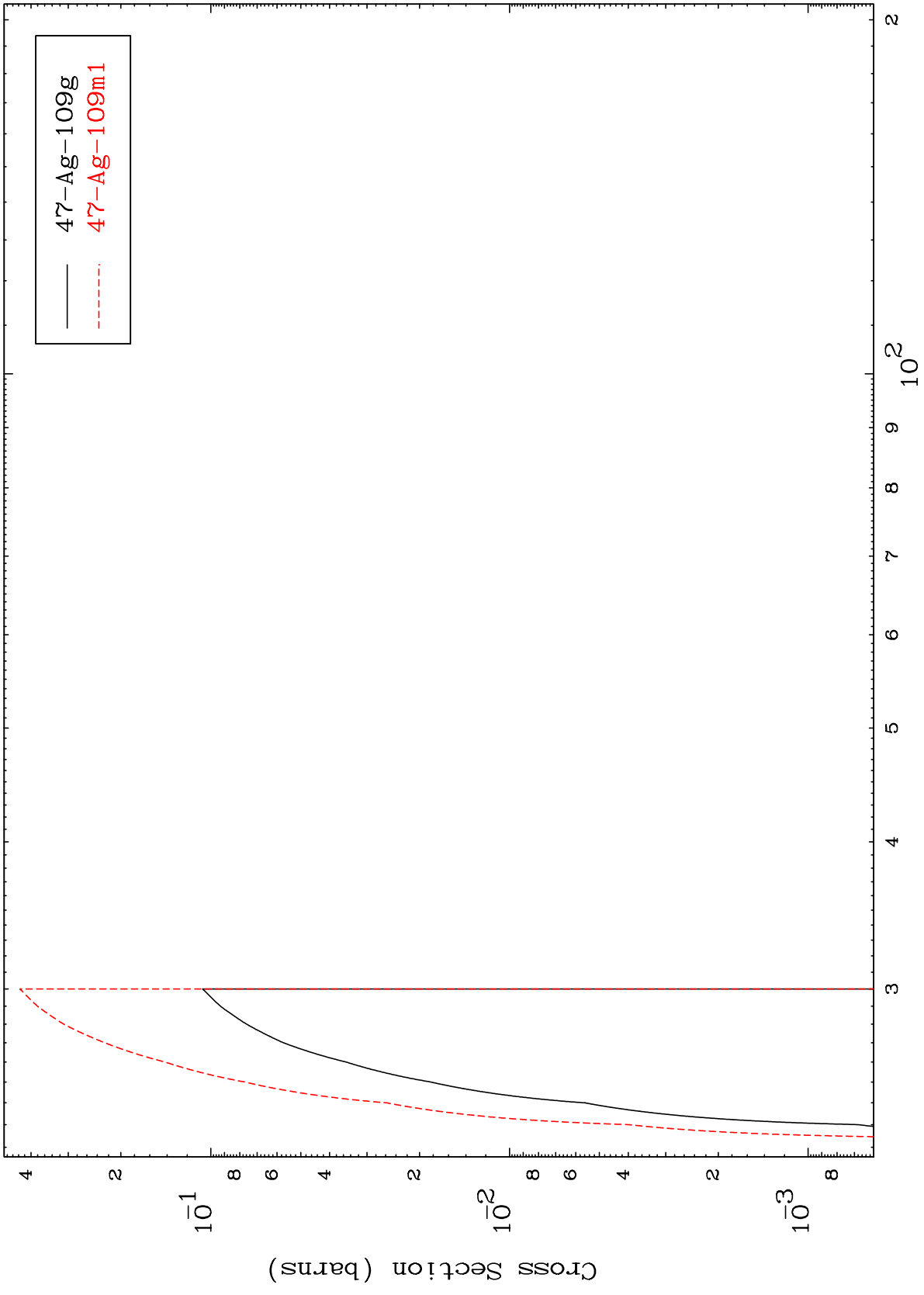
47-Ag-112

MAT 4740

(n, 4n)

47-Ag-112

Radionuclide Production Cross Section



128

Incident Energy (MeV)

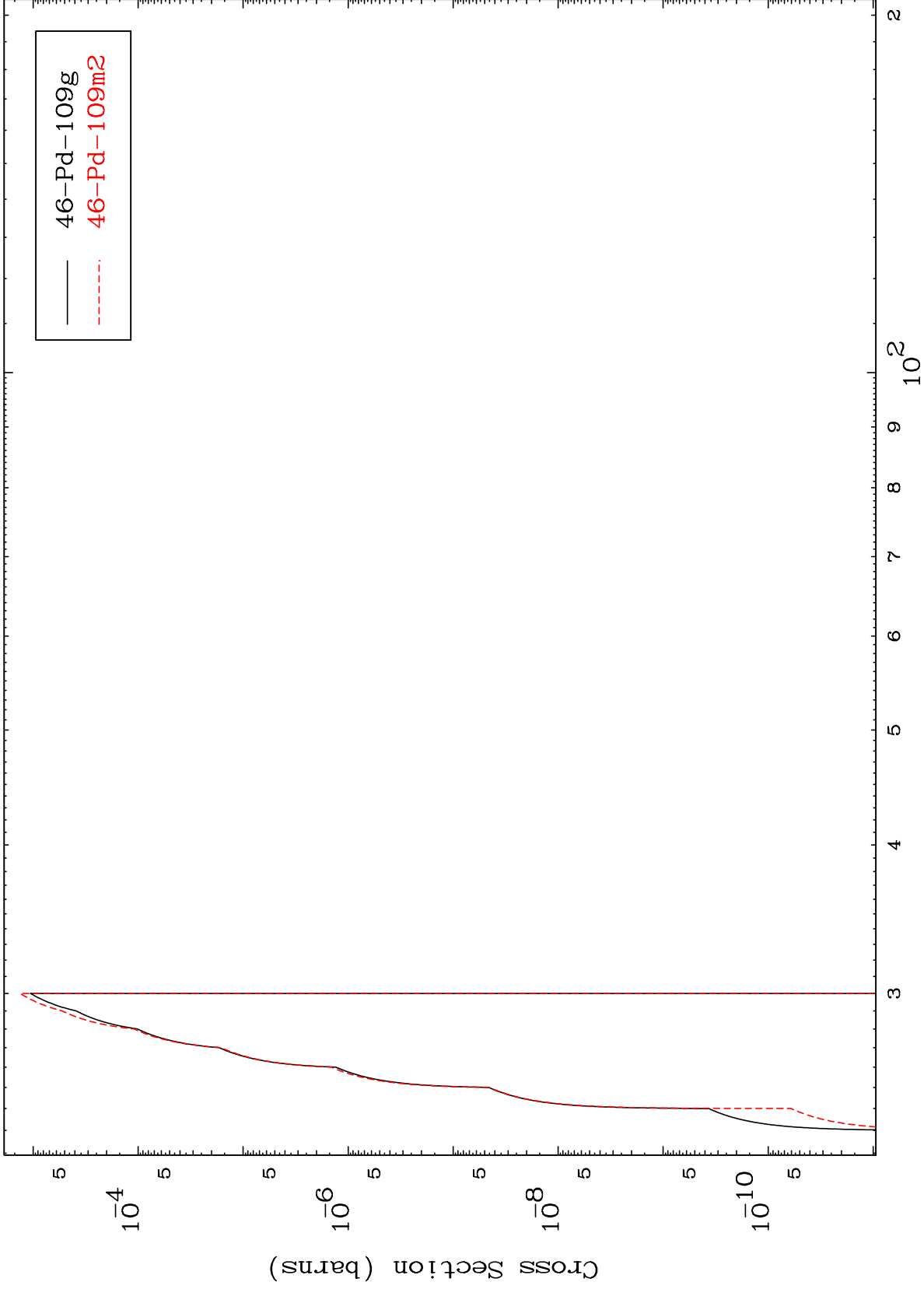
47-Ag-112

MAT 4740

(n,3n) p

47-Ag-112

Radionuclide Production Cross Section



129

Incident Energy (MeV)

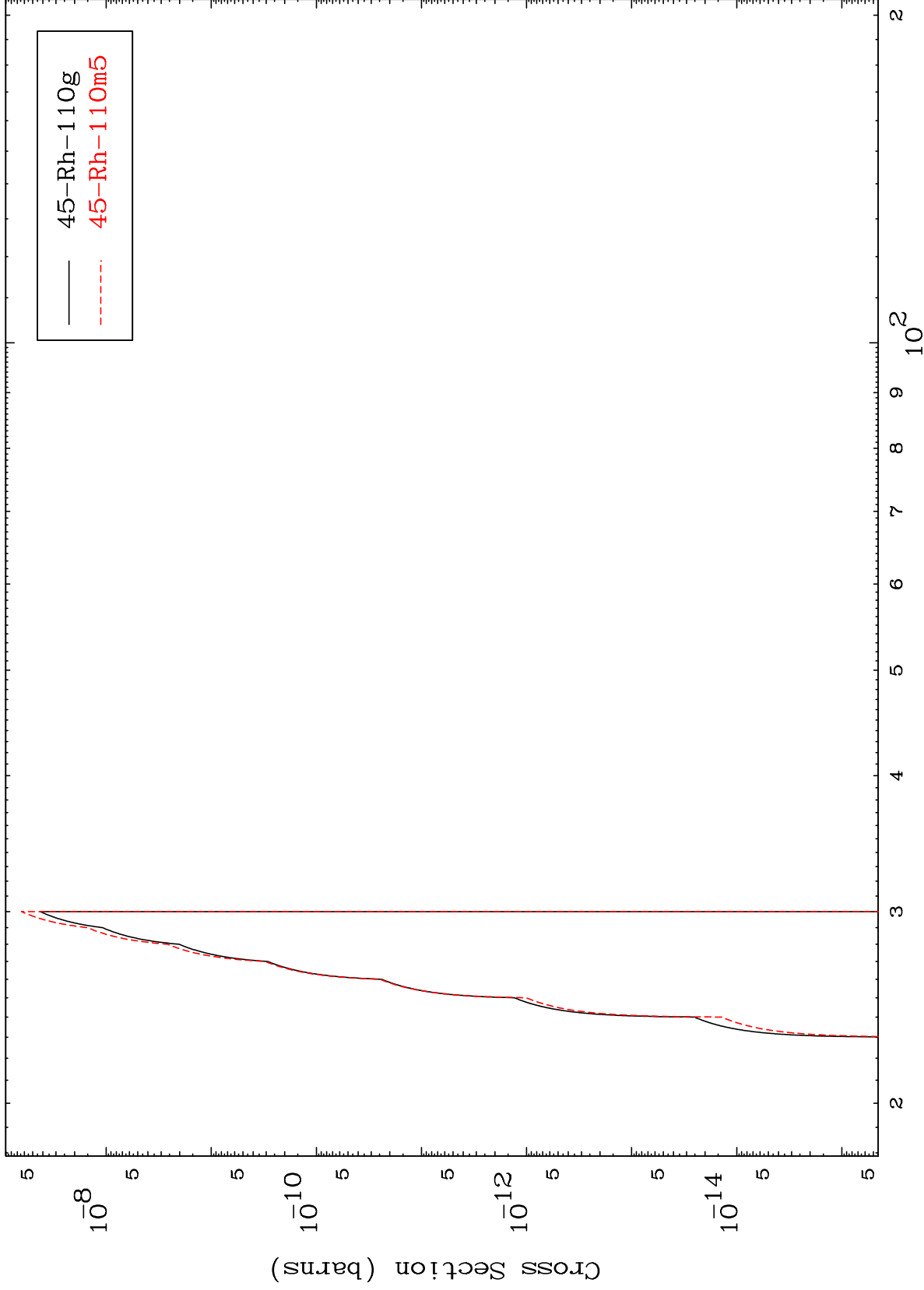
47-Ag-112

MAT 4740

(n,2n) p

47-Ag-112

Radionuclide Production Cross Section



130

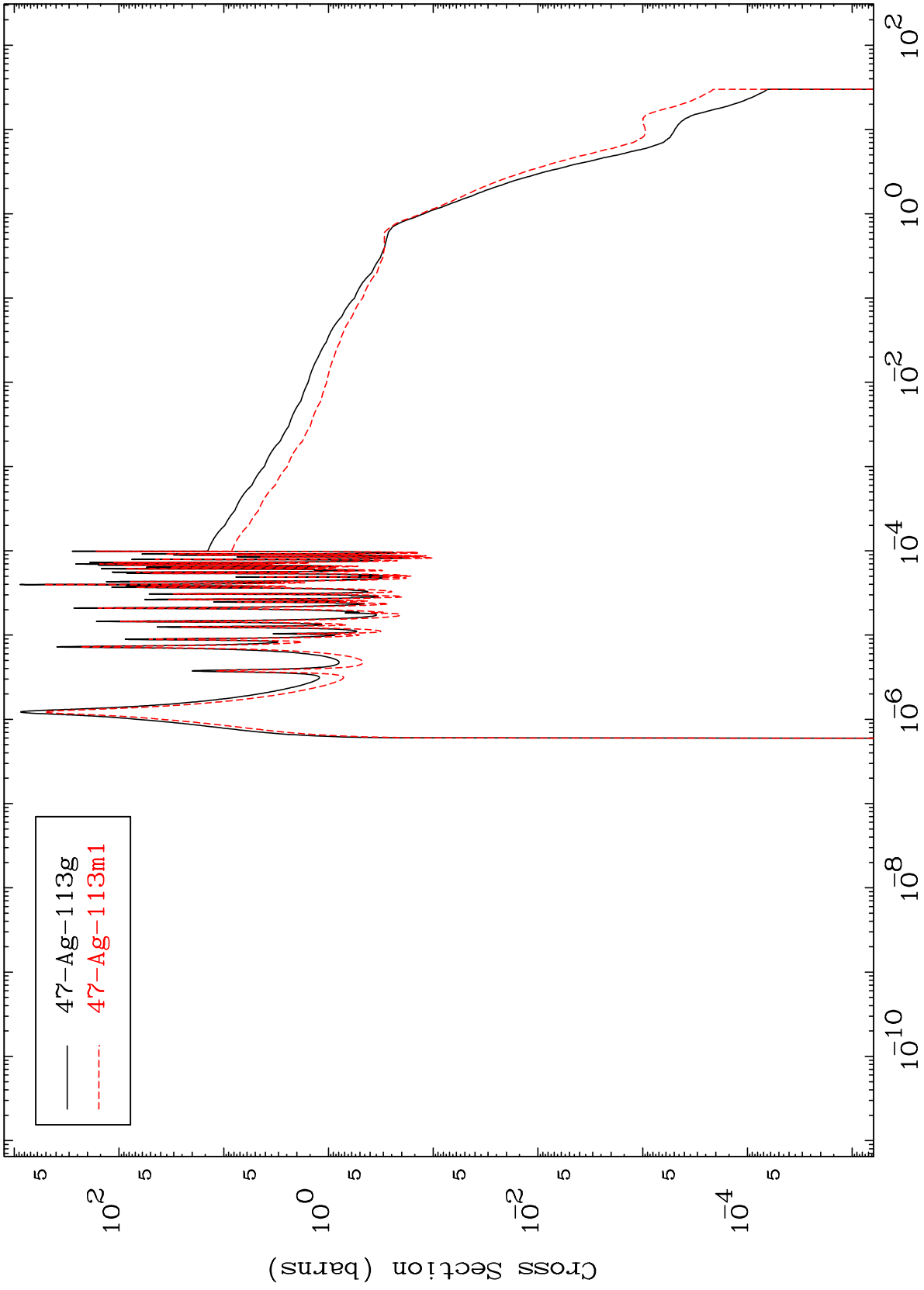
Incident Energy (MeV)

47-Ag-112

MAT 4740

47-Ag-112

Radionuclide Production Cross Section (n,γ)



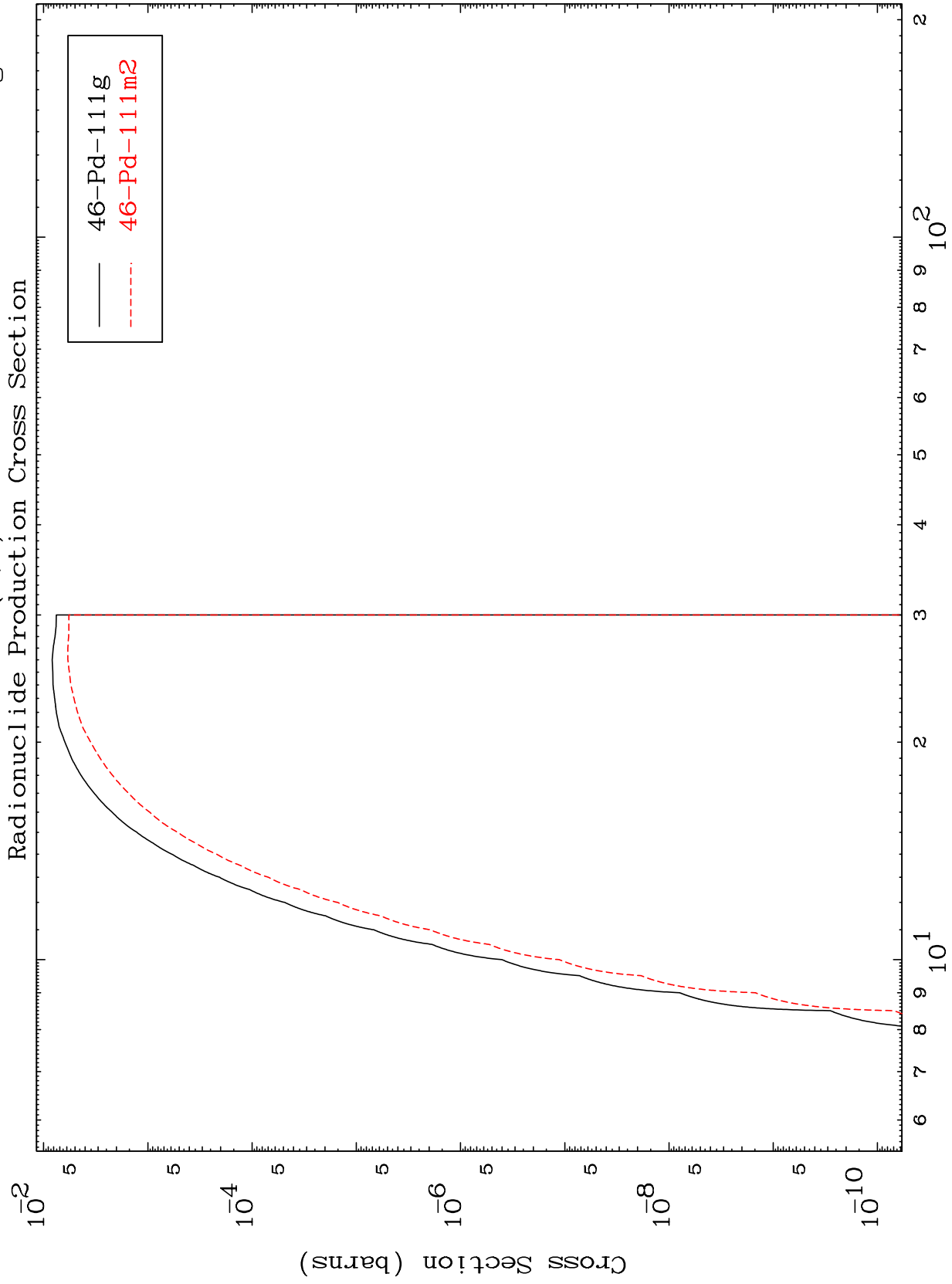
131

47-Ag-112

MAT 4740

(n,d)

47-Ag-112



132

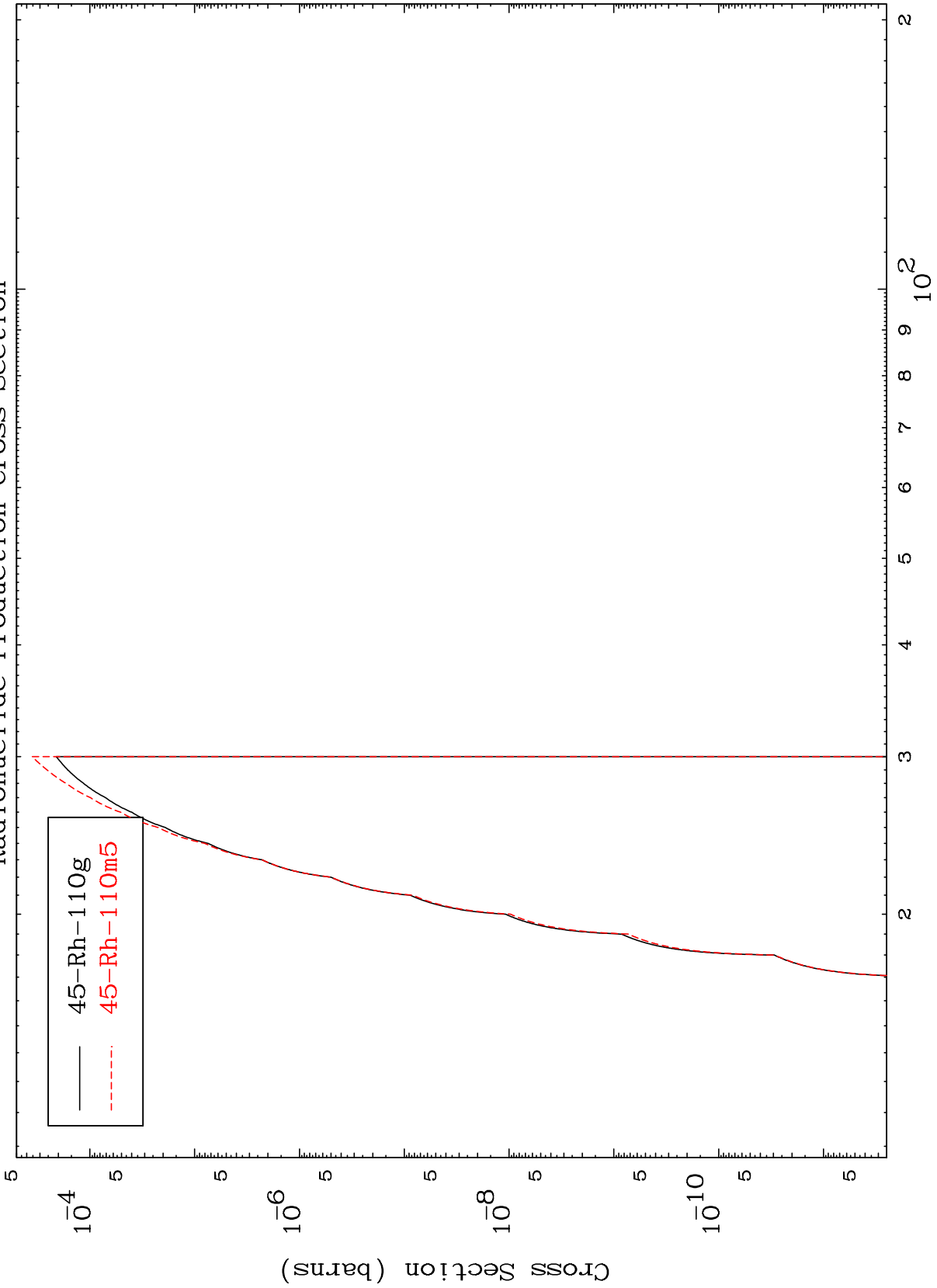
47-Ag-112

MAT 4740

(n, He-3)

47-Ag-112

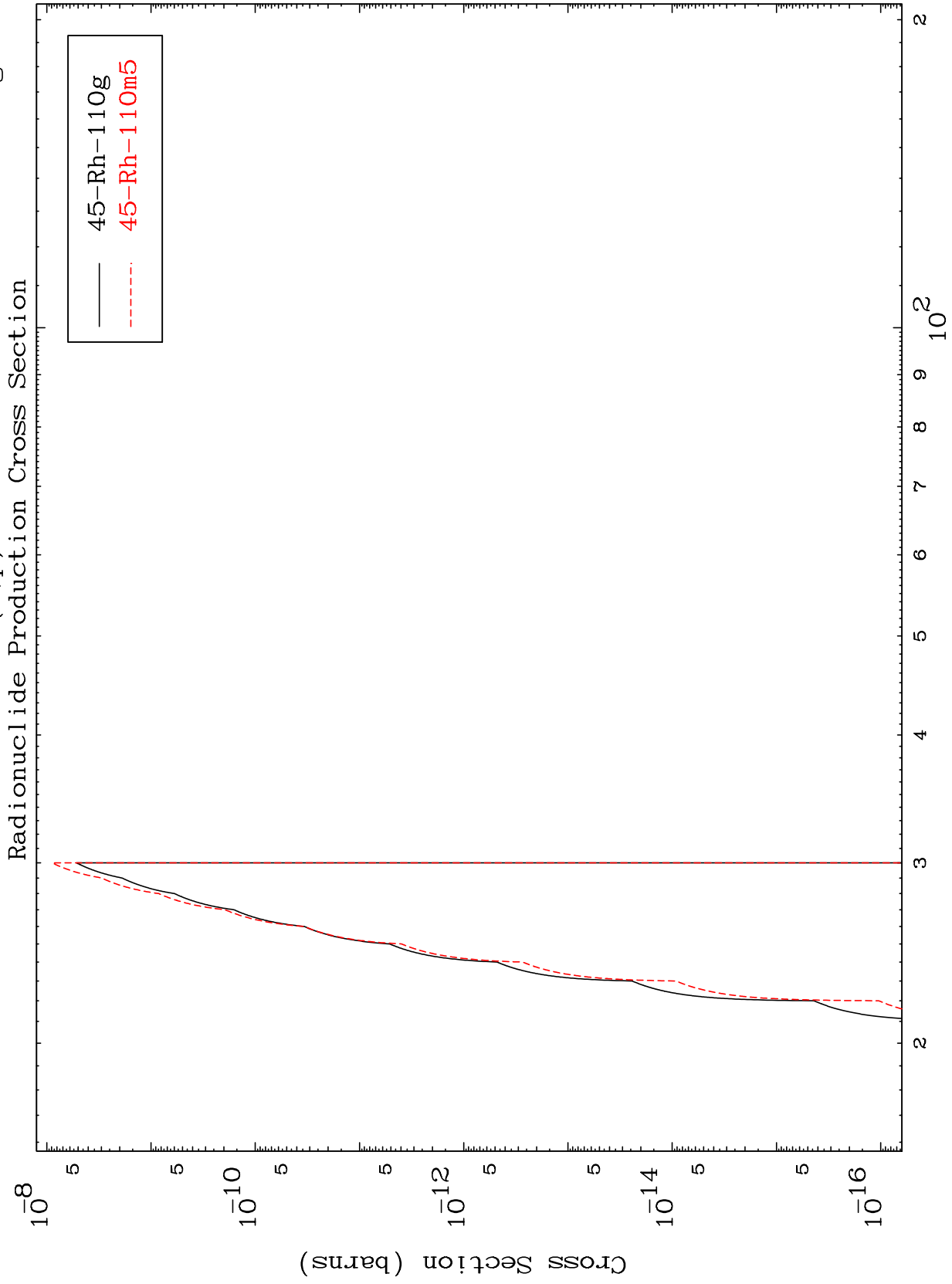
Radionuclide Production Cross Section



MAT 4740

(n,p) d

47-Ag-112



134

47-Ag-112