

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

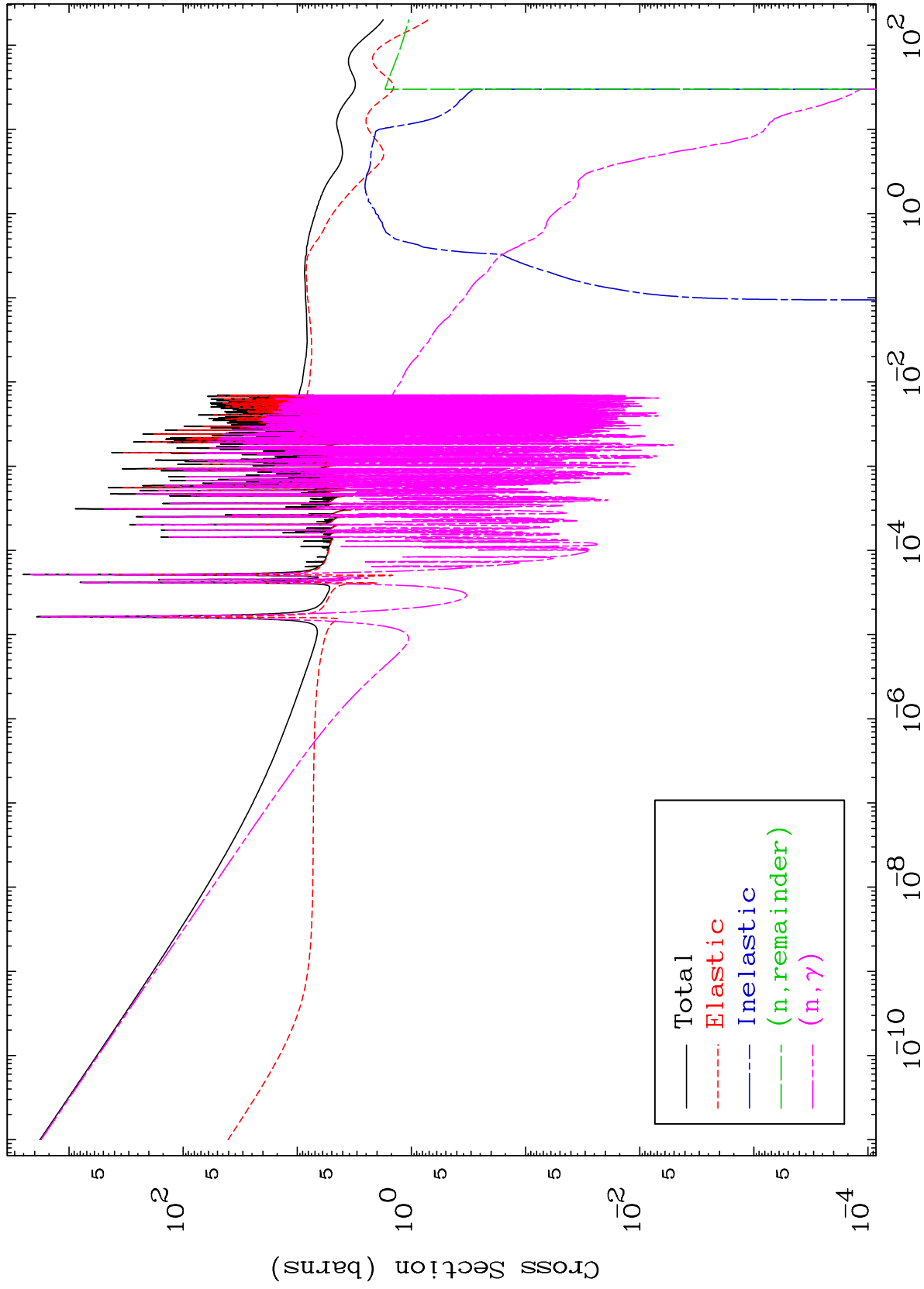
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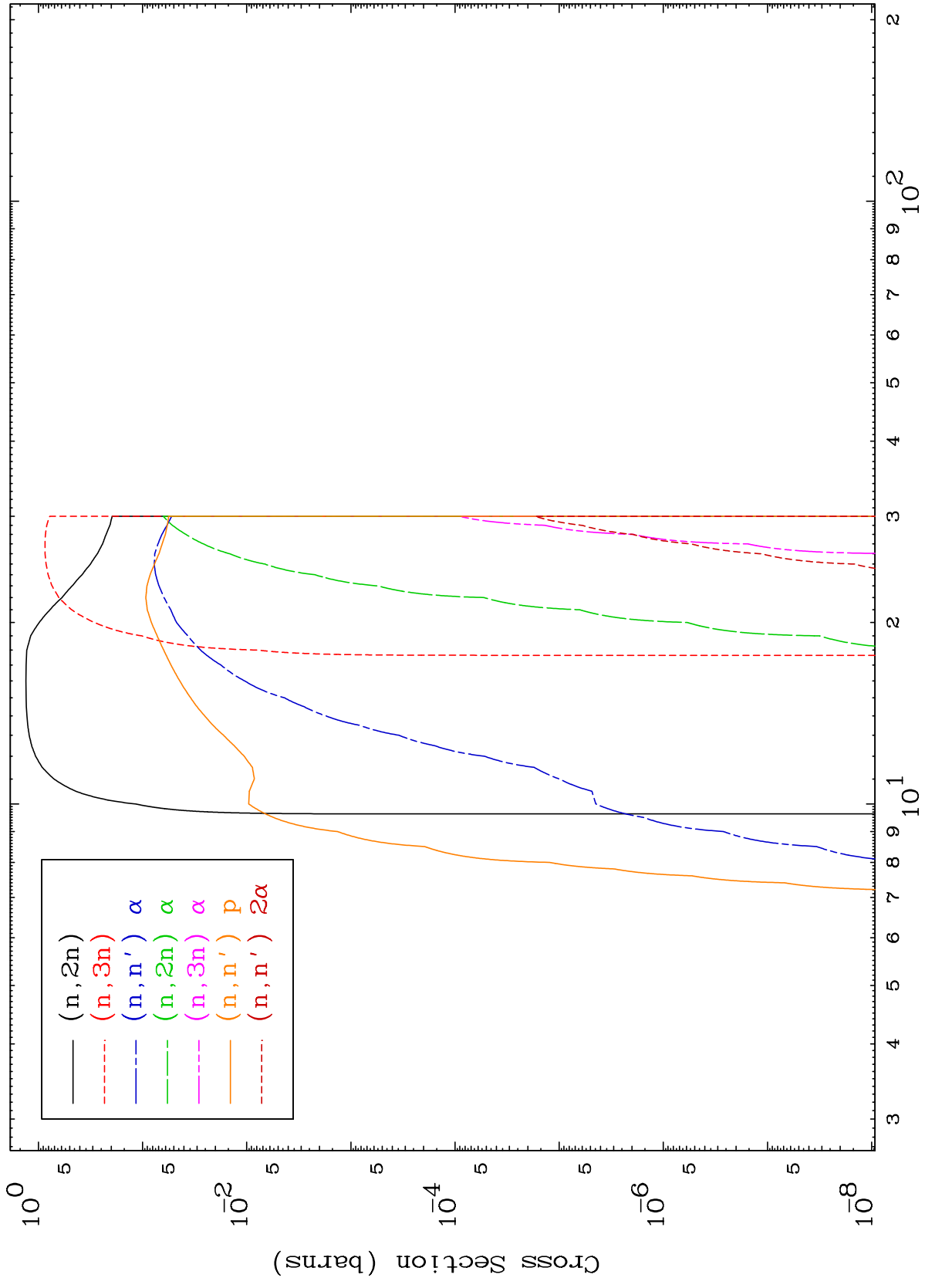
MAT 4725

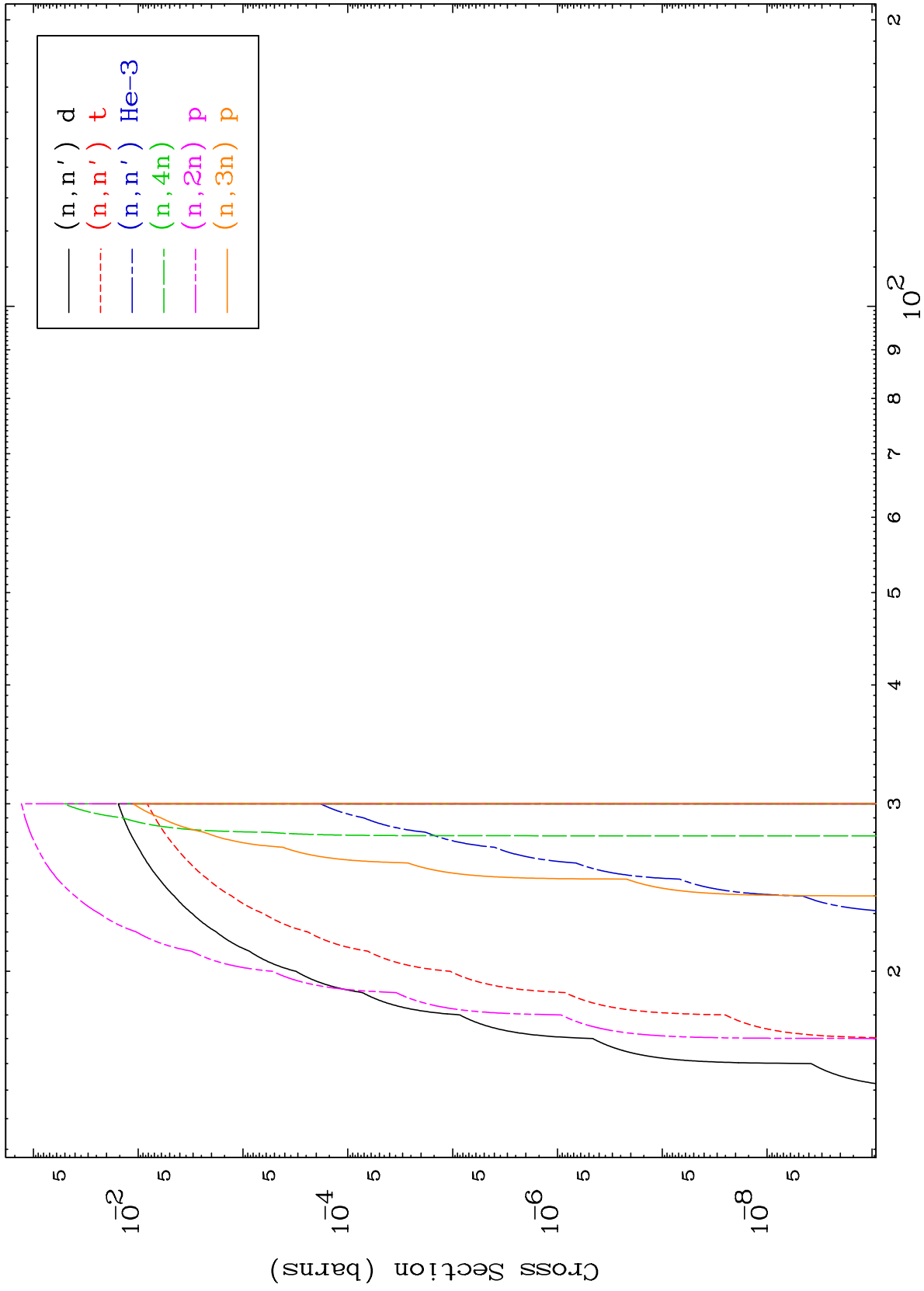
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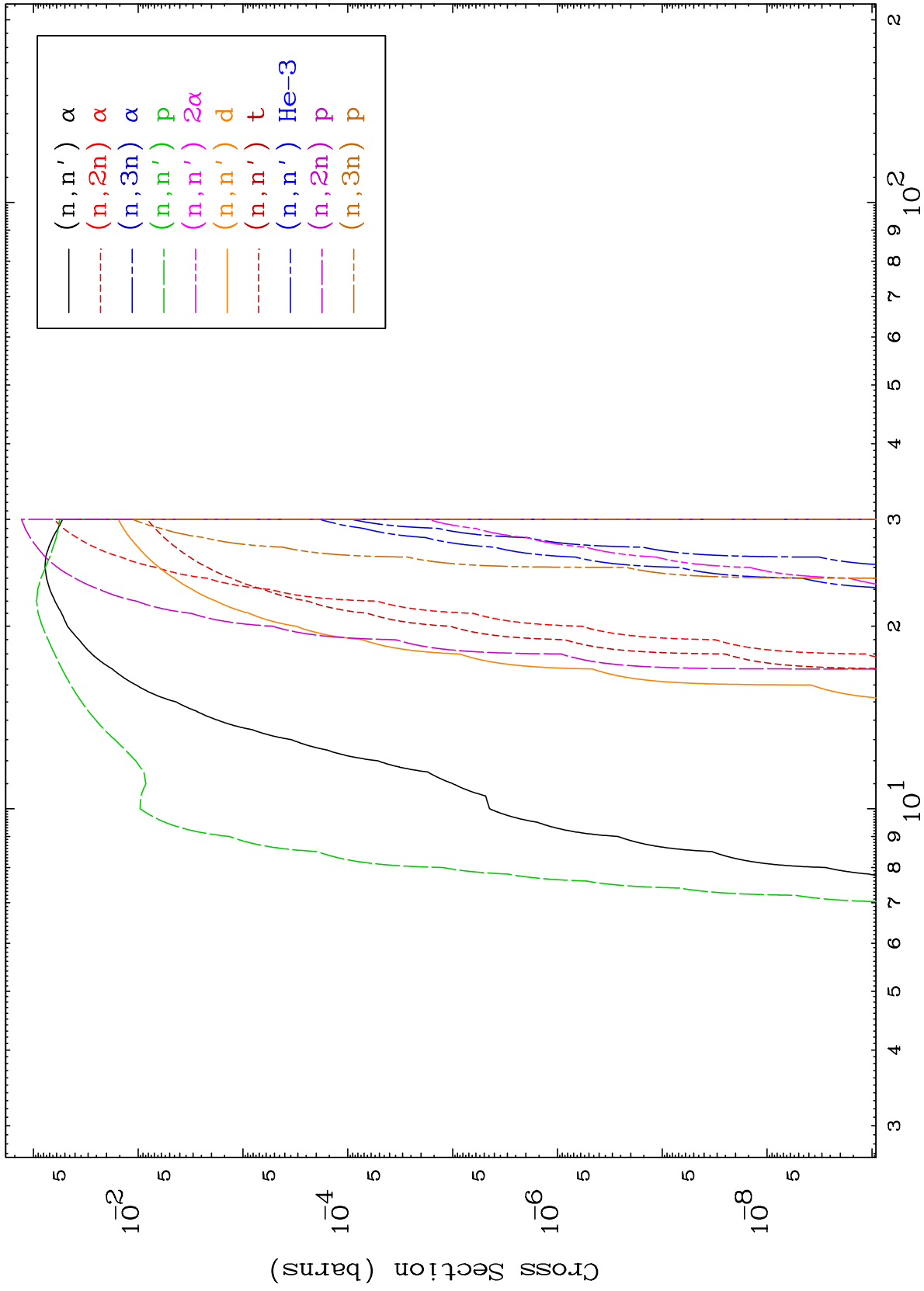
293 Kelvin Cross Sections

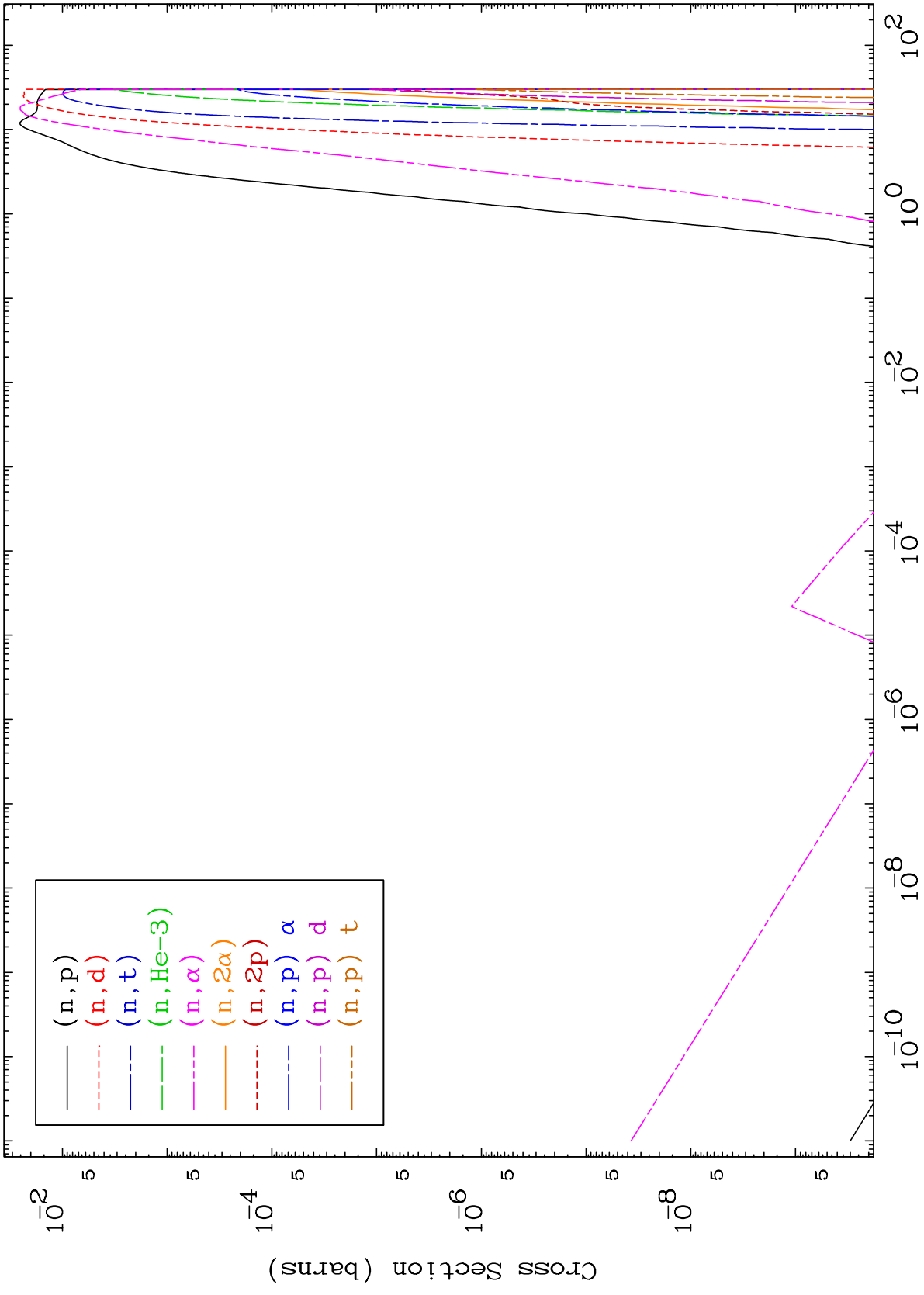
47-Ag-107







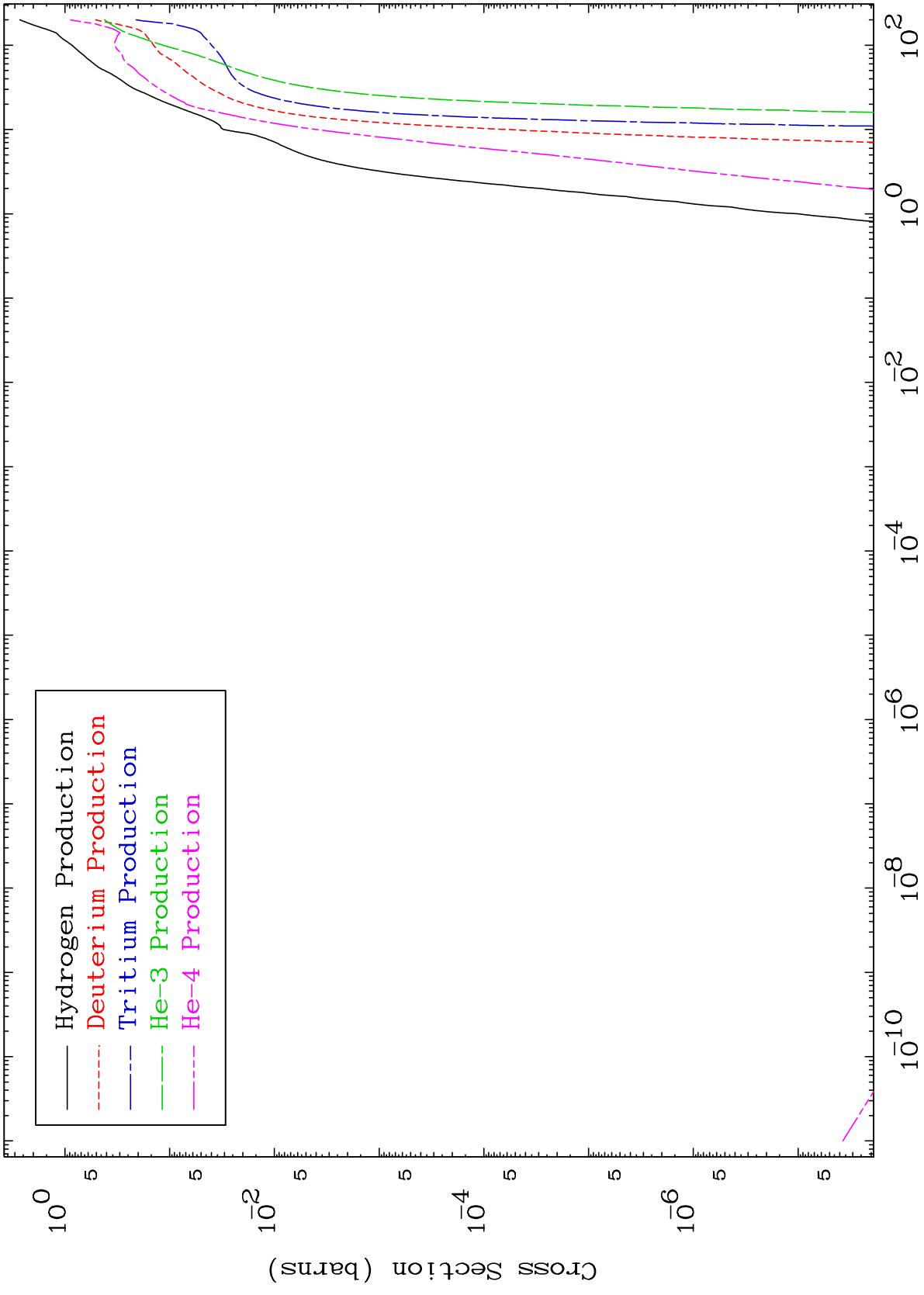




MAT 4725

Particle Production
293 Kelvin Cross Sections

47-Ag-107



6

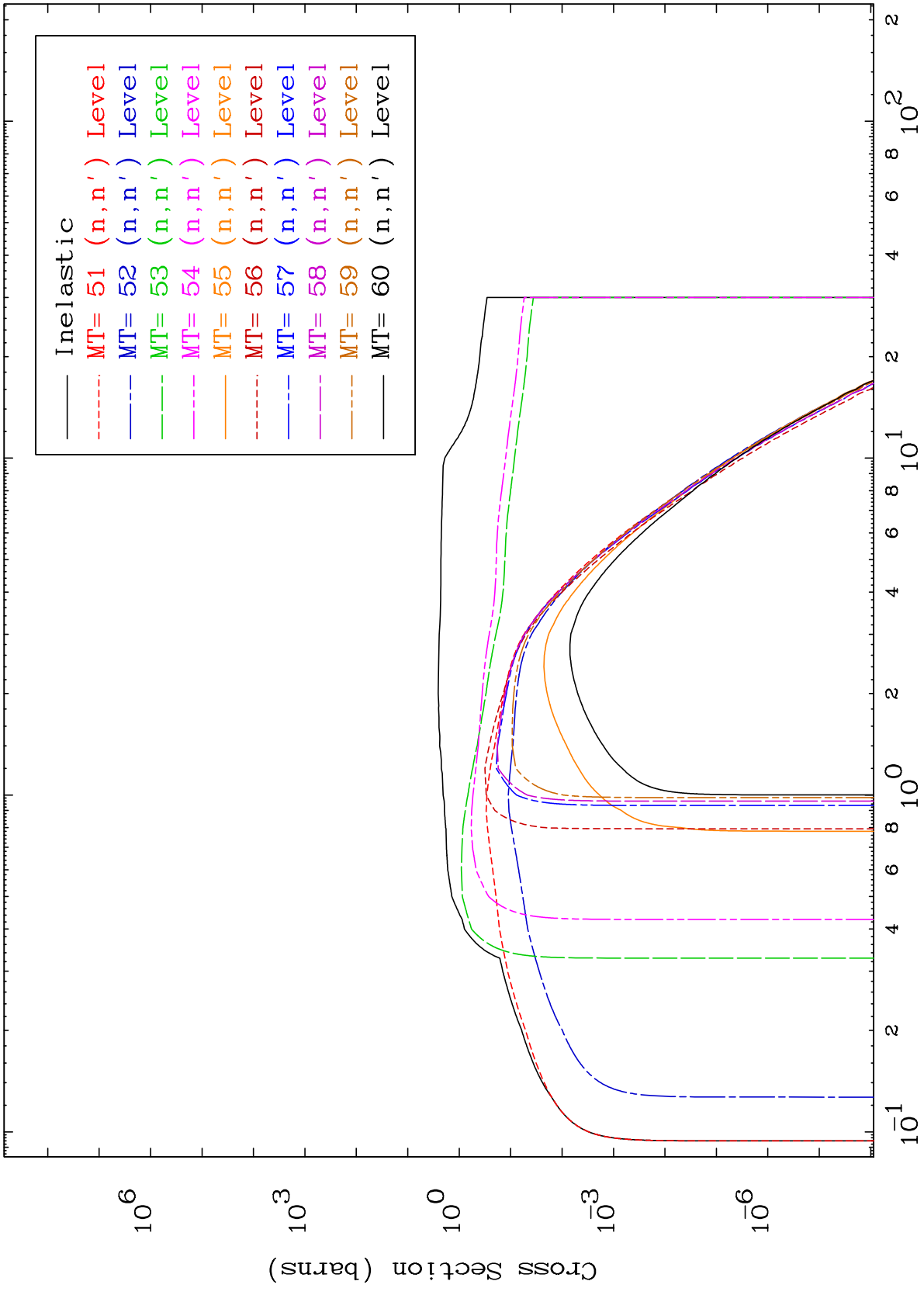
47-Ag-107

MAT 4725

(n,n') Level

47-Ag-107

293 Kelvin Cross Sections



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Incident Energy (MeV)

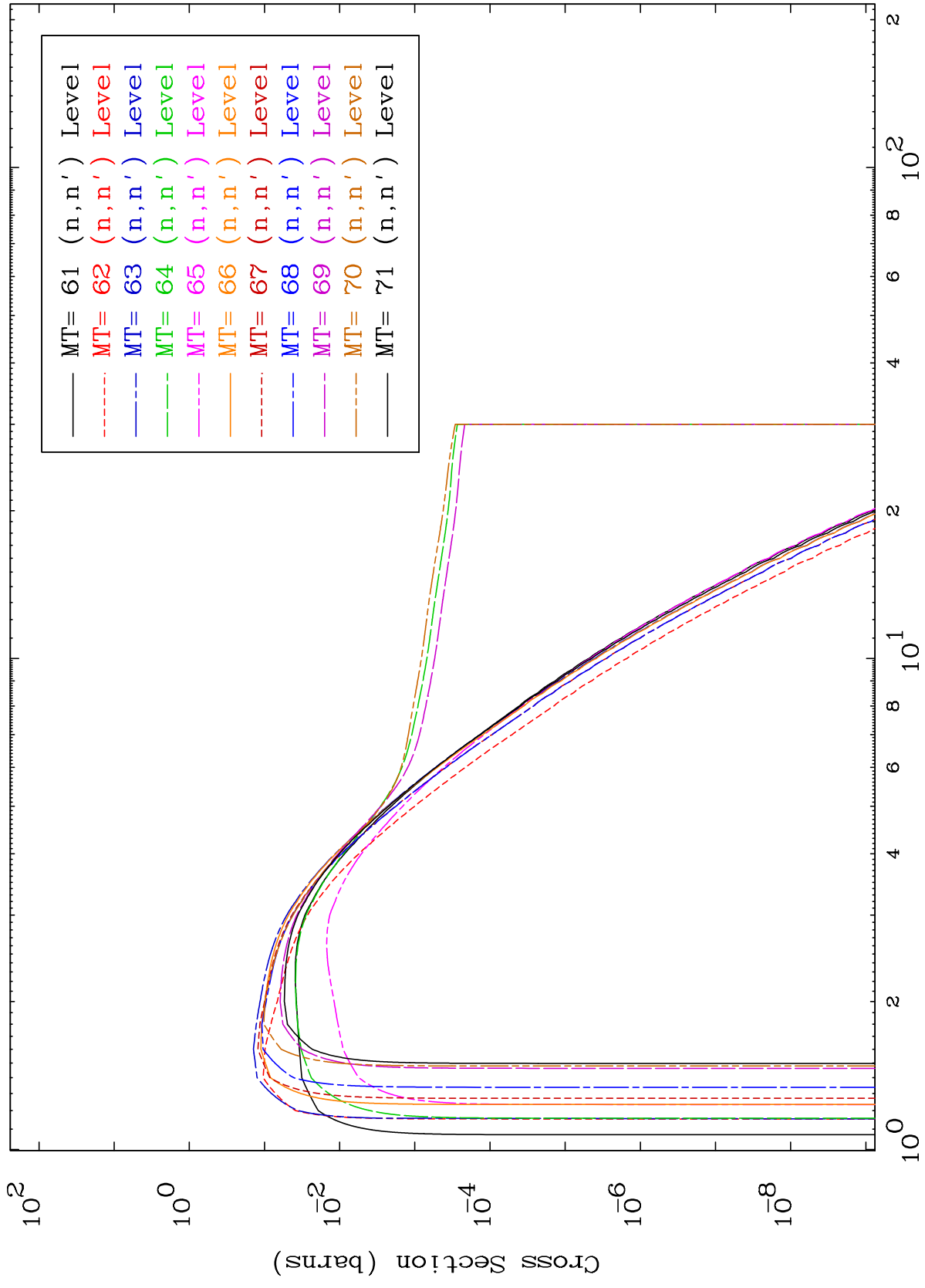
47-Ag-107

MAT 4725

(n,n') Level

47-Ag-107

293 Kelvin Cross Sections



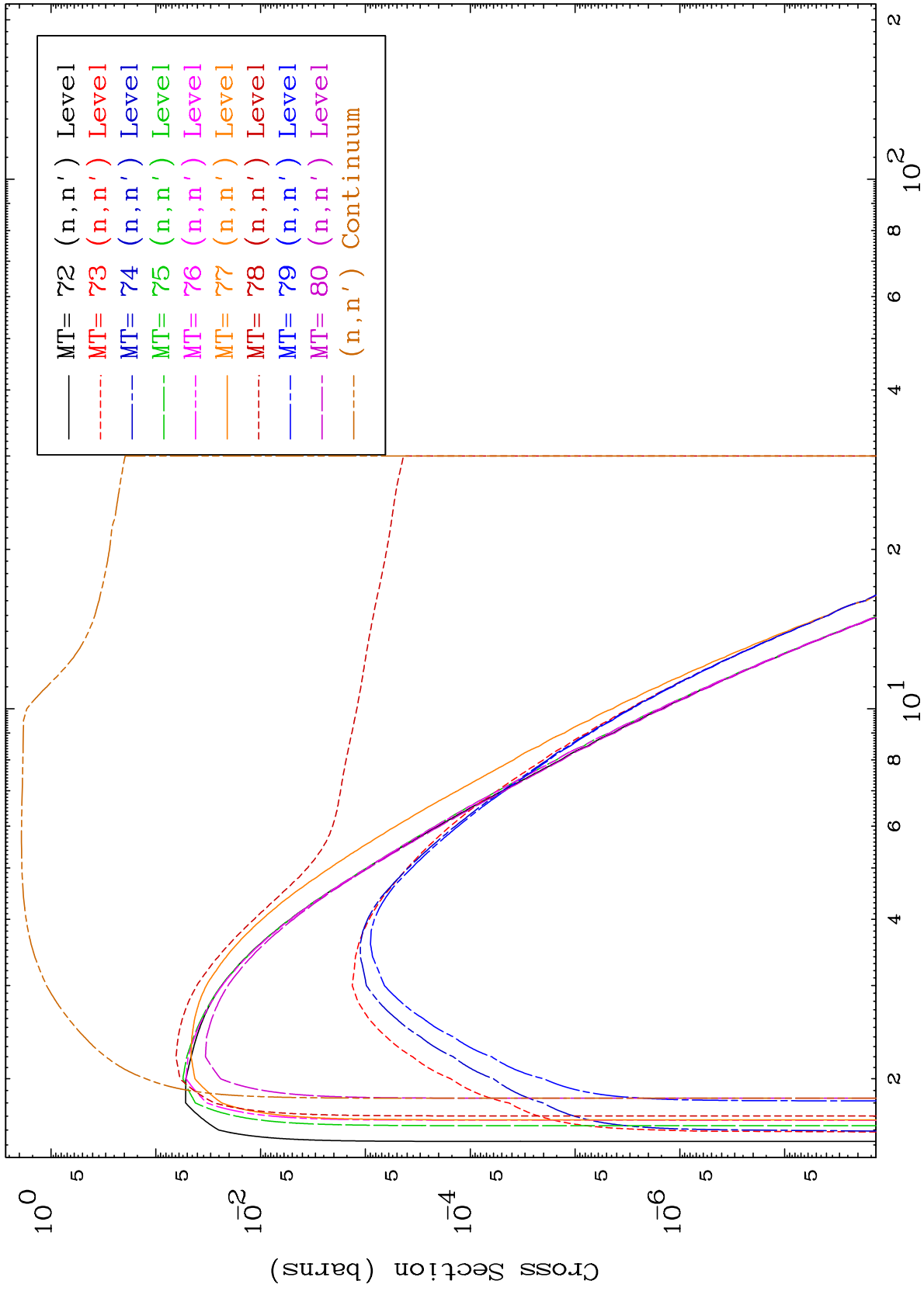
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,n') Level
293 Kelvin Cross Sections

47-Ag-107



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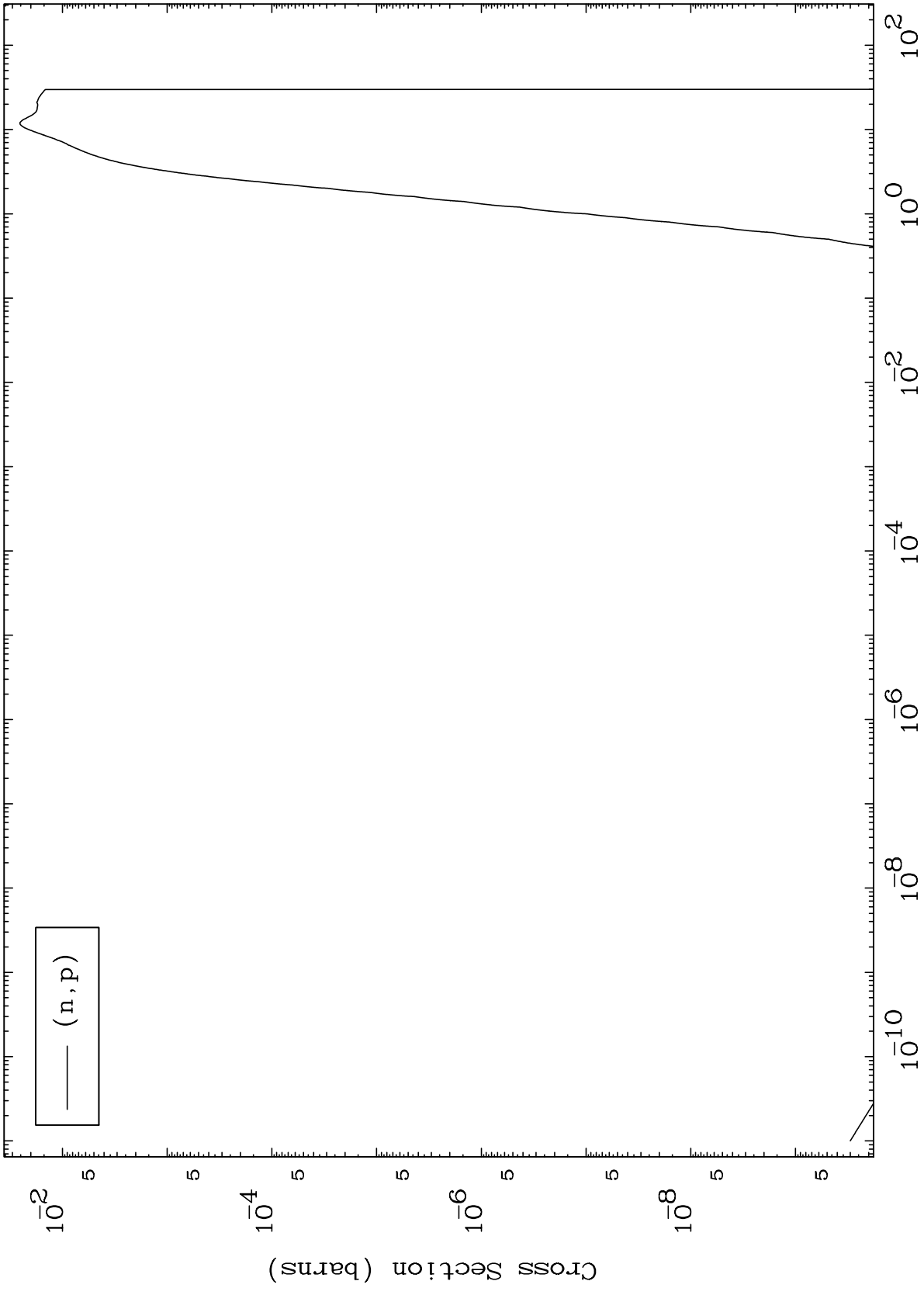
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-107



10

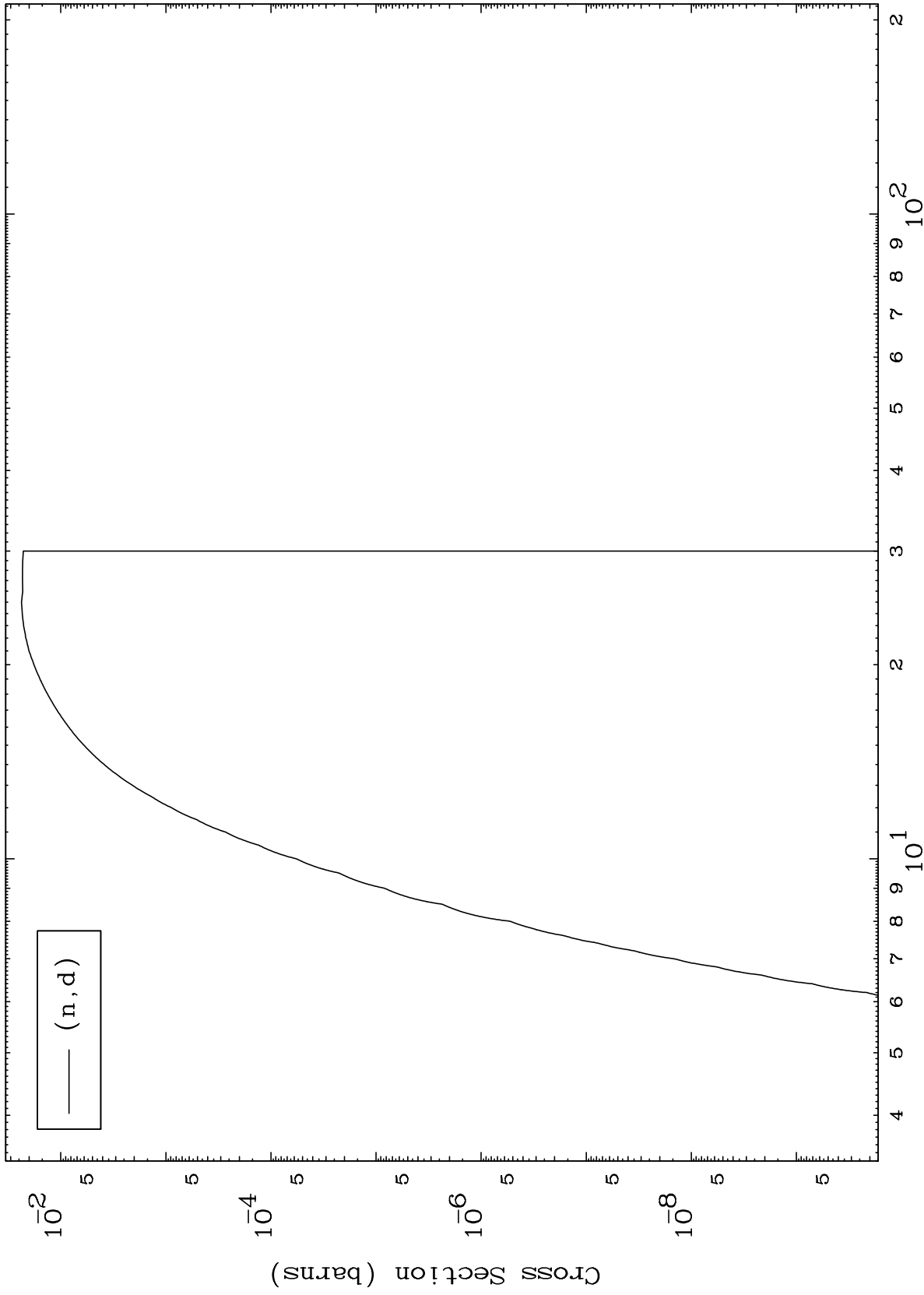
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-107



11

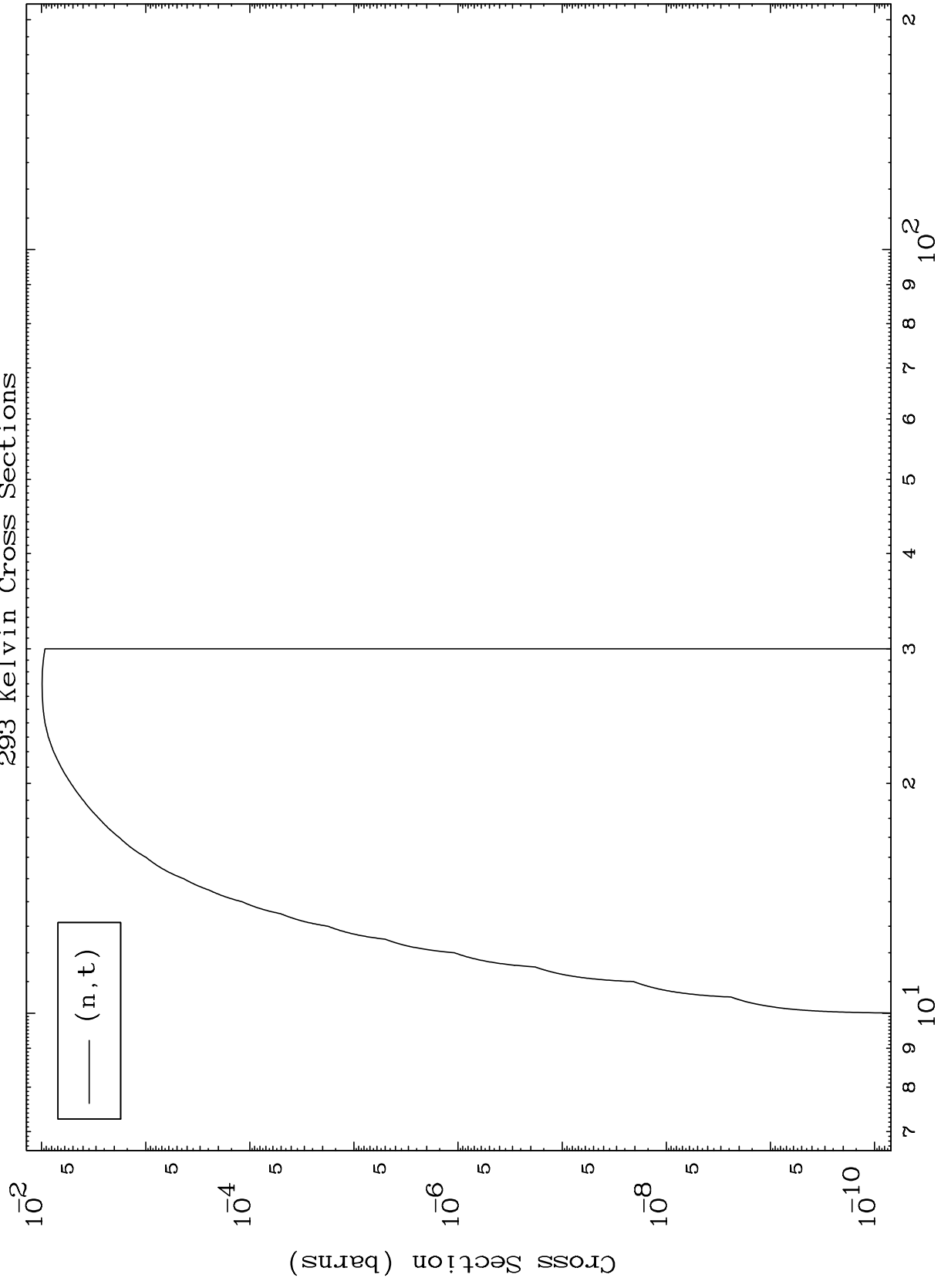
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-107



12

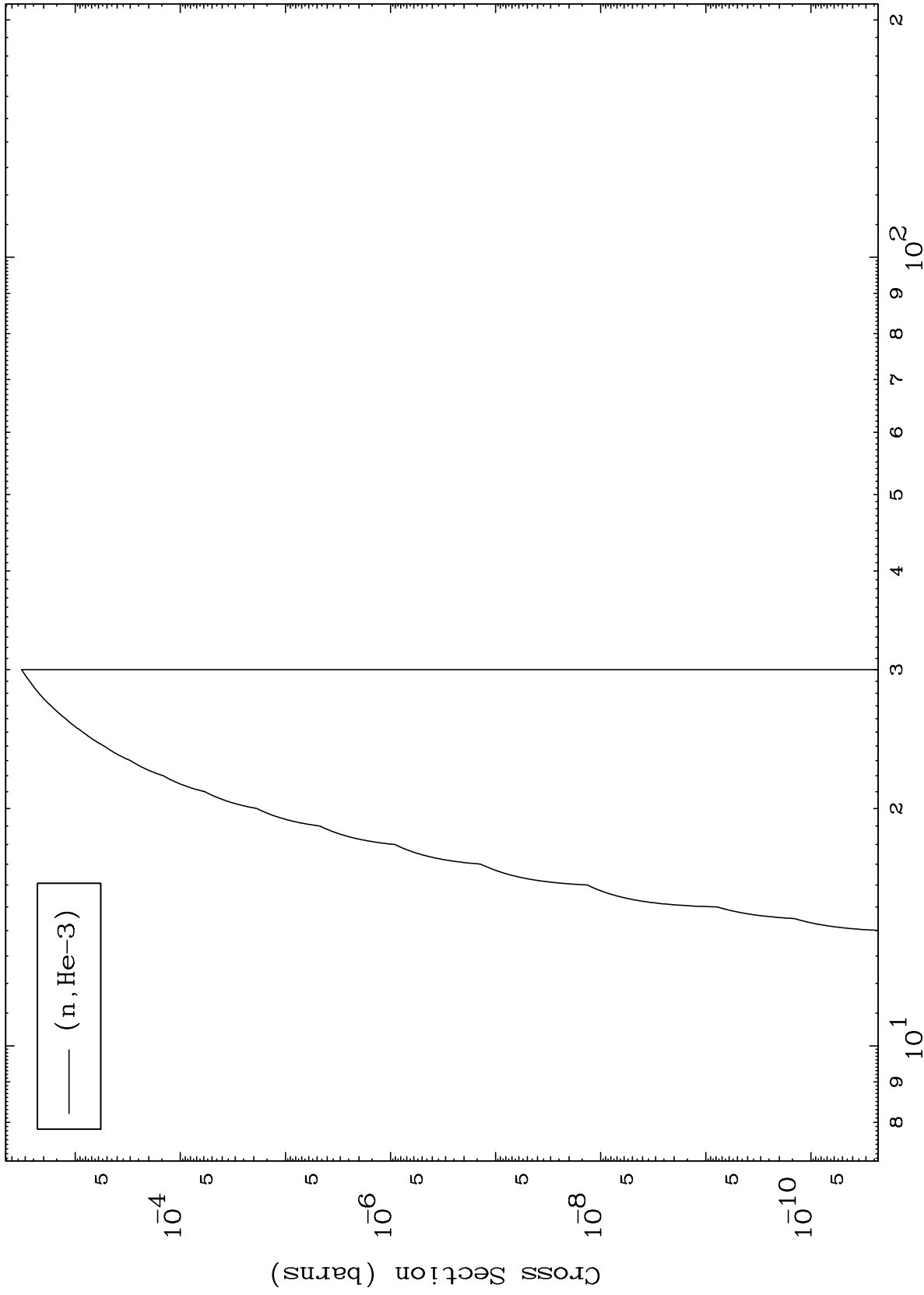
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-107



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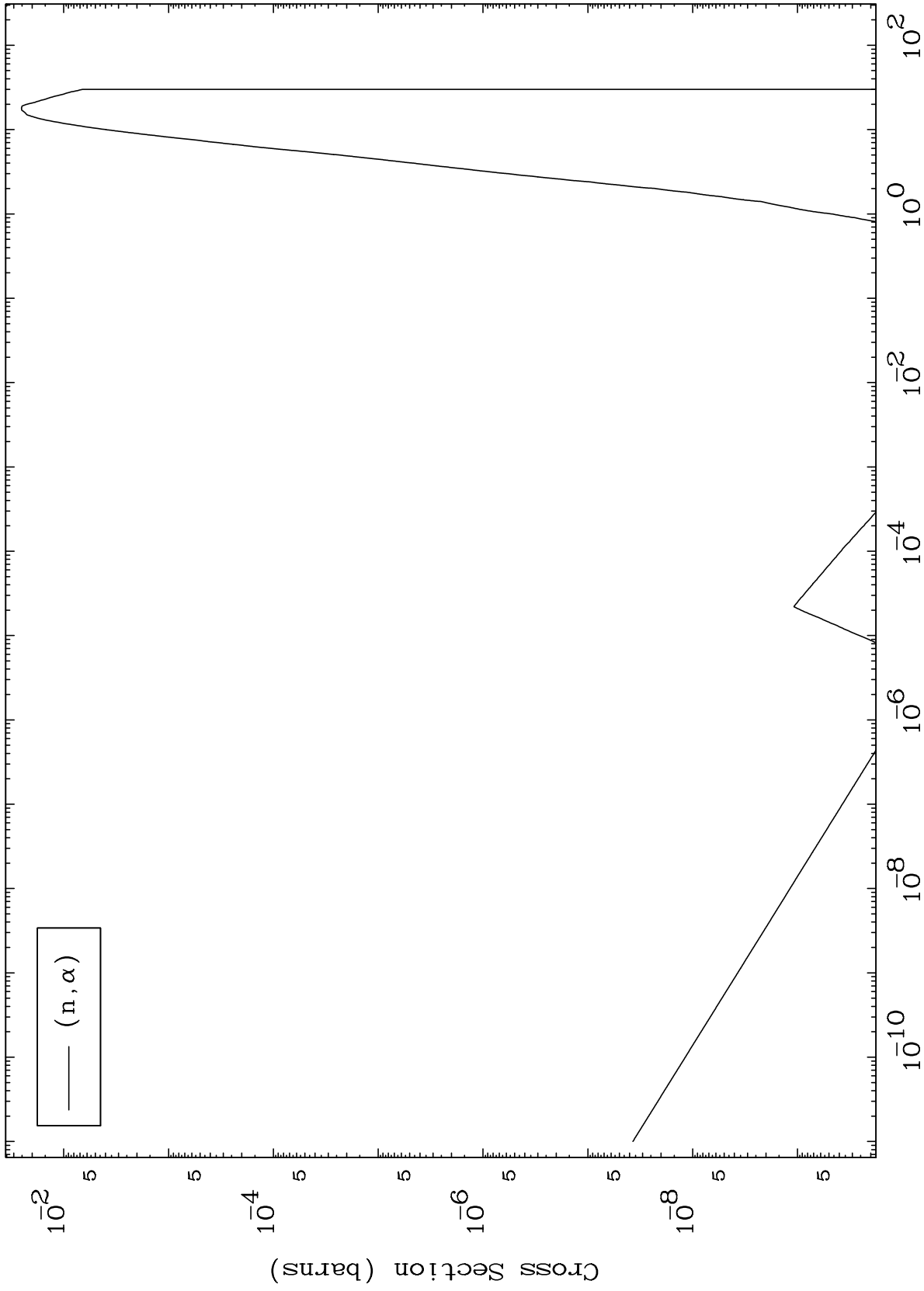
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,α) Levels
293 Kelvin Cross Sections

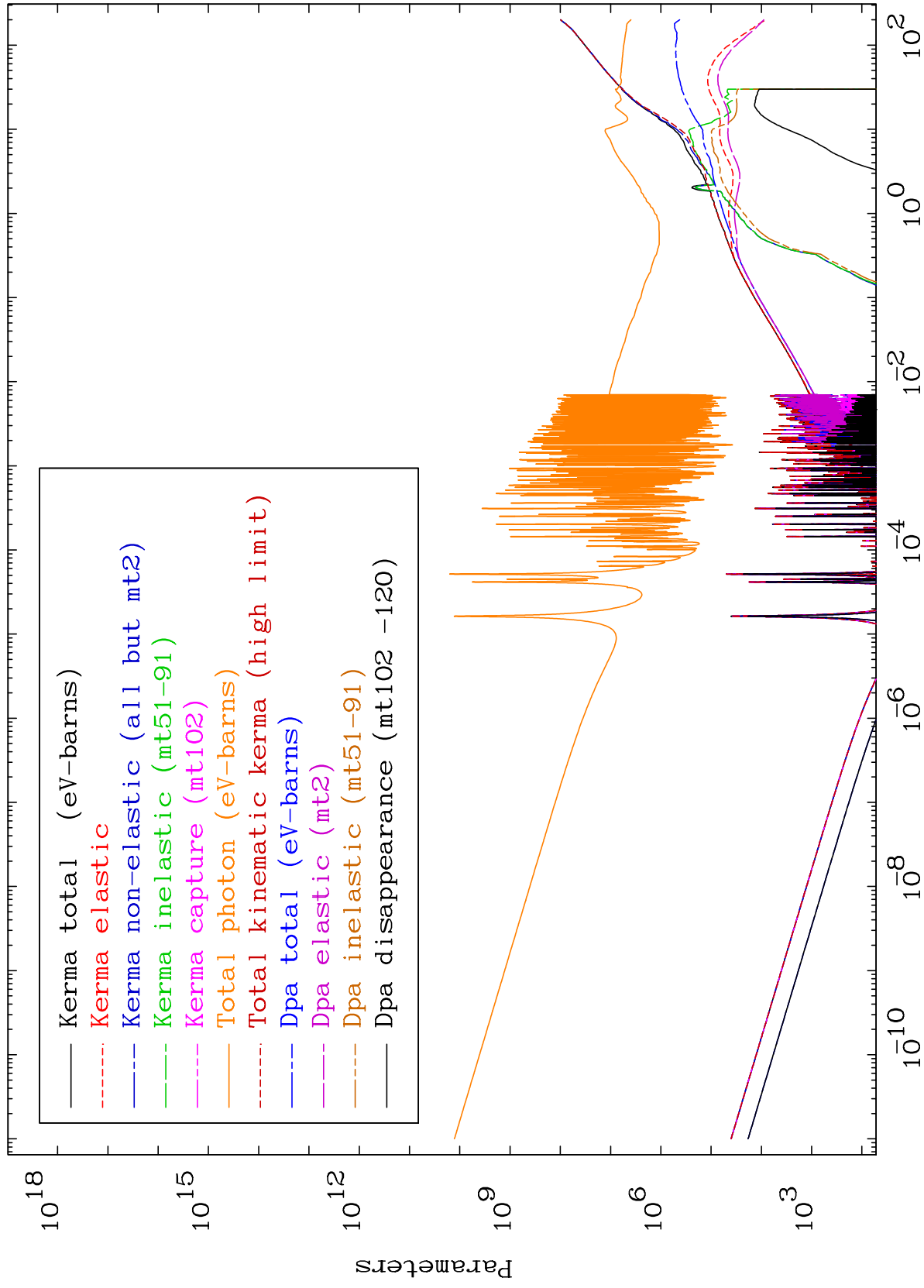
47-Ag-107



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Incident Energy (MeV)

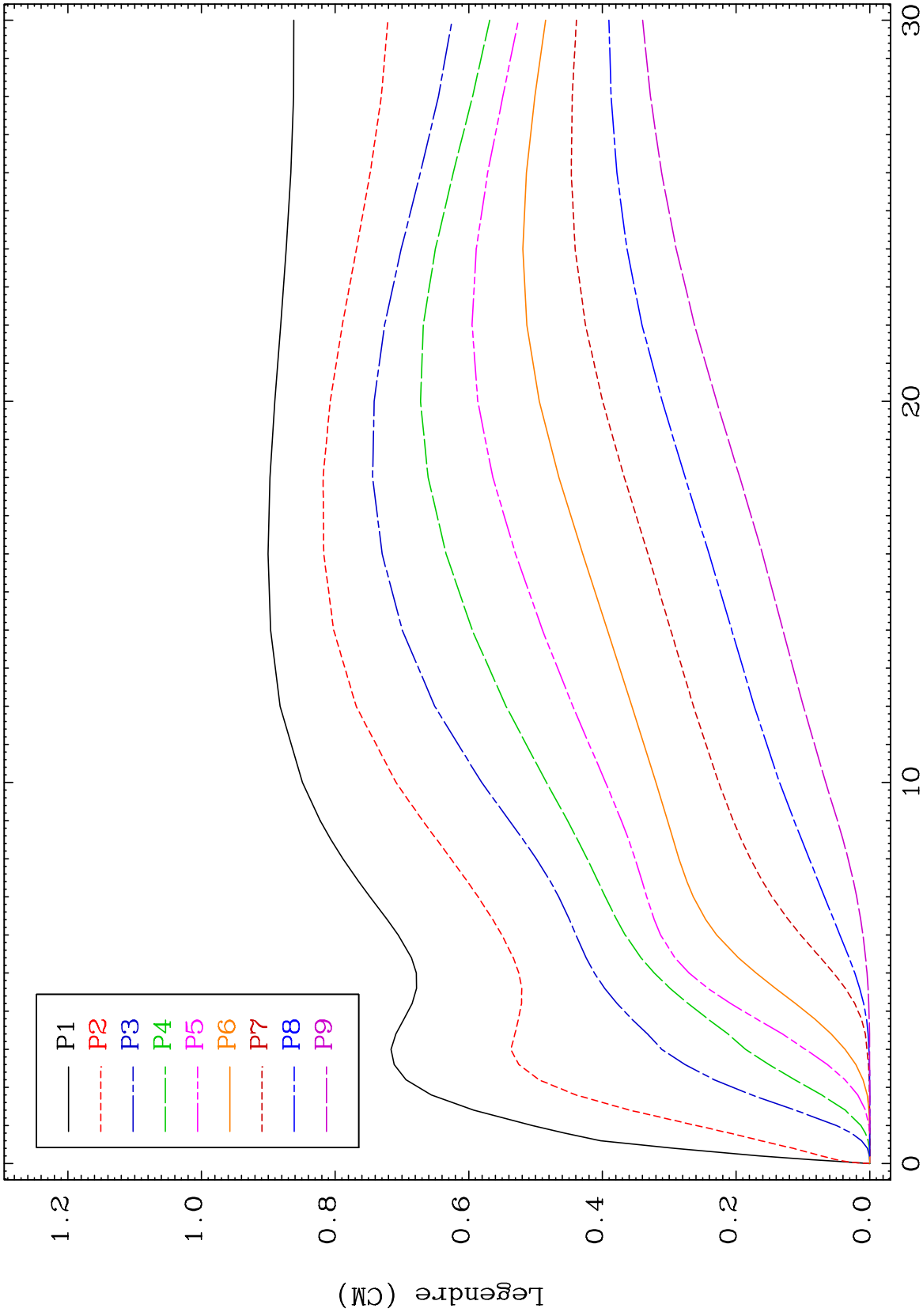
47-Ag-107



MAT 4725

Elastic Legendre Coefficients

47-Ag-107



16

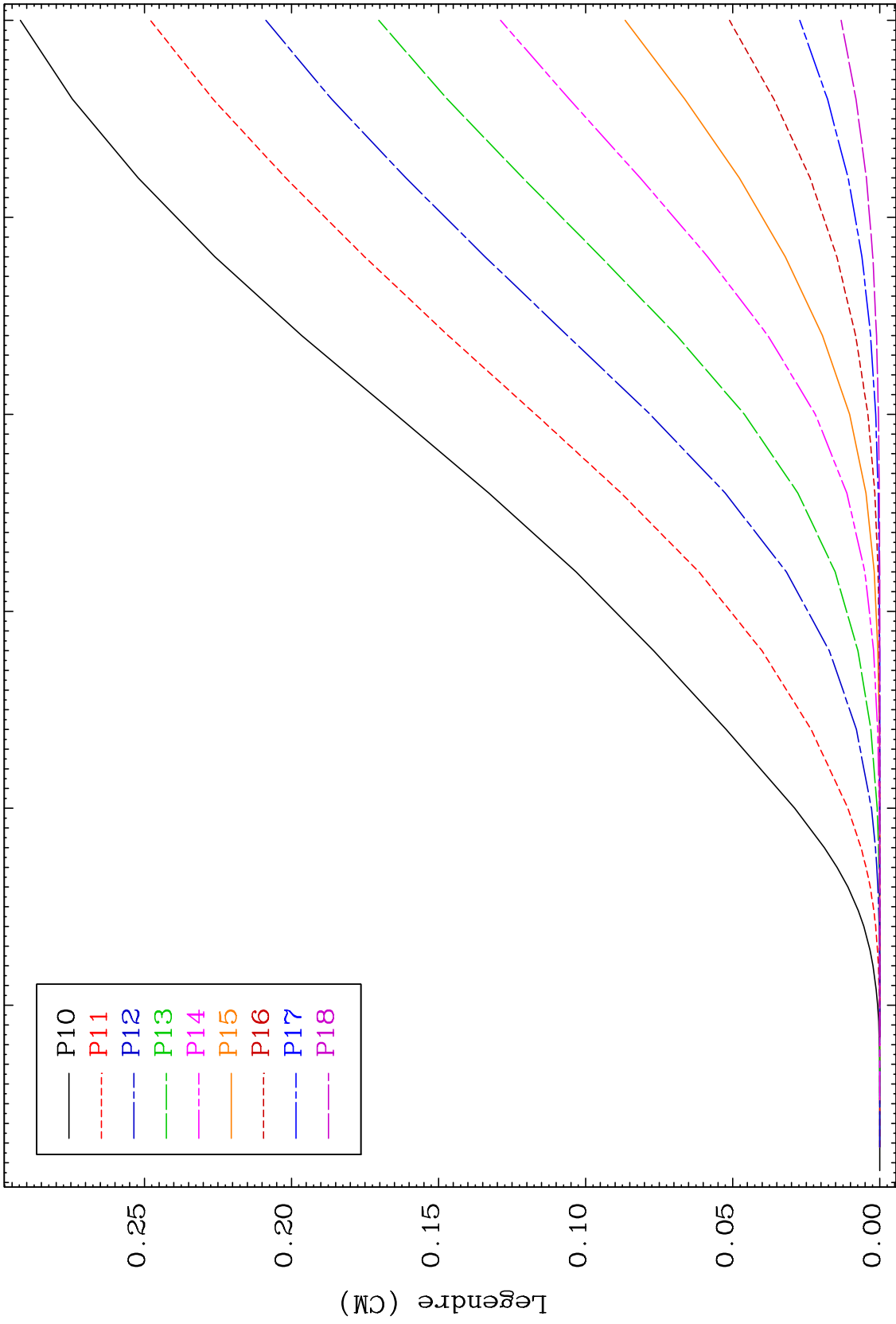
Incident Energy (MeV)

47-Ag-107

MAT 4725

Elastic Legendre Coefficients

47-Ag-107



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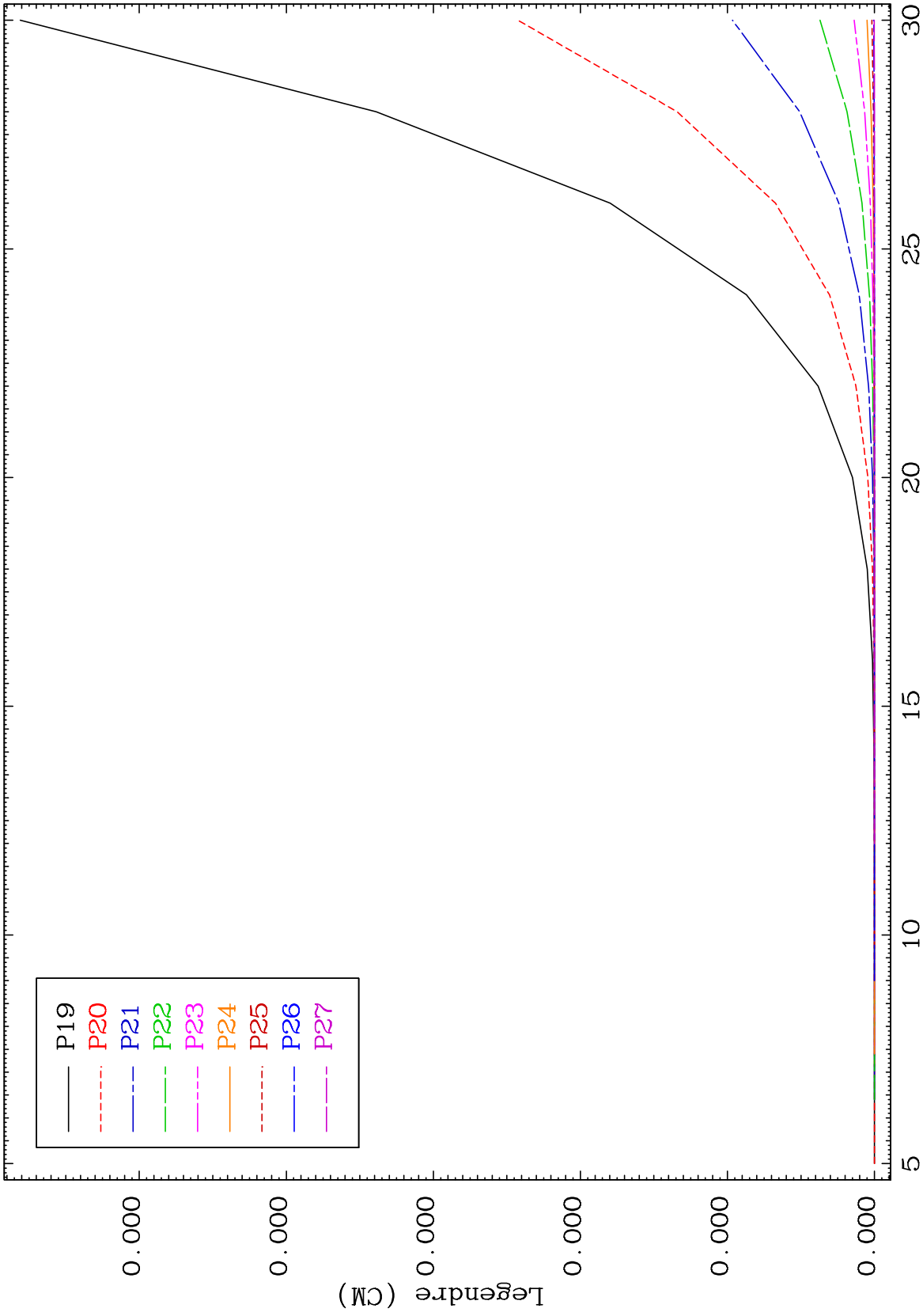
Incident Energy (MeV)

47-Ag-107

MAT 4725

Elastic Legendre Coefficients

47-Ag-107



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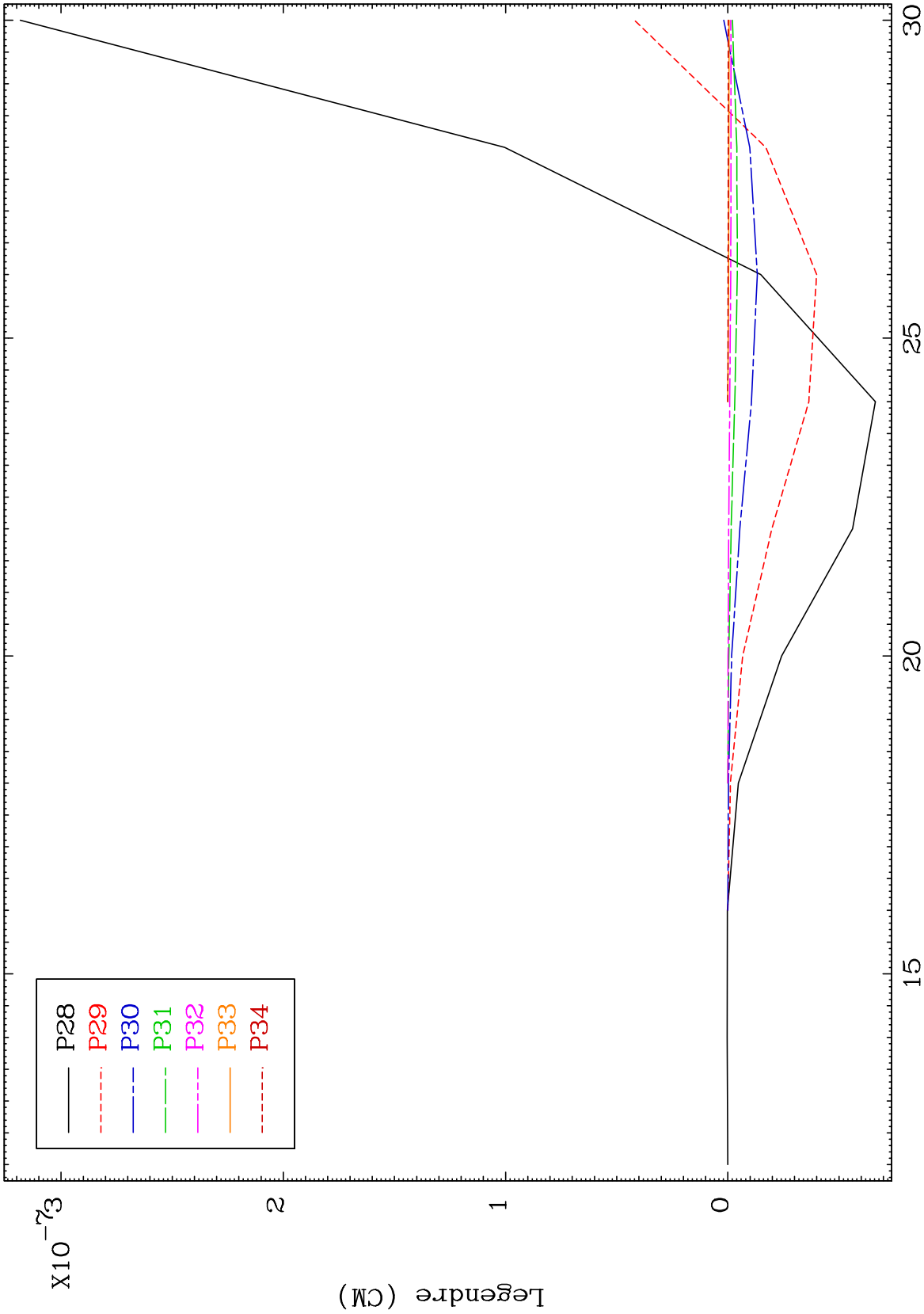
Incident Energy (MeV)

47-Ag-107

MAT 4725

Elastic Legendre Coefficients

47-Ag-107



19

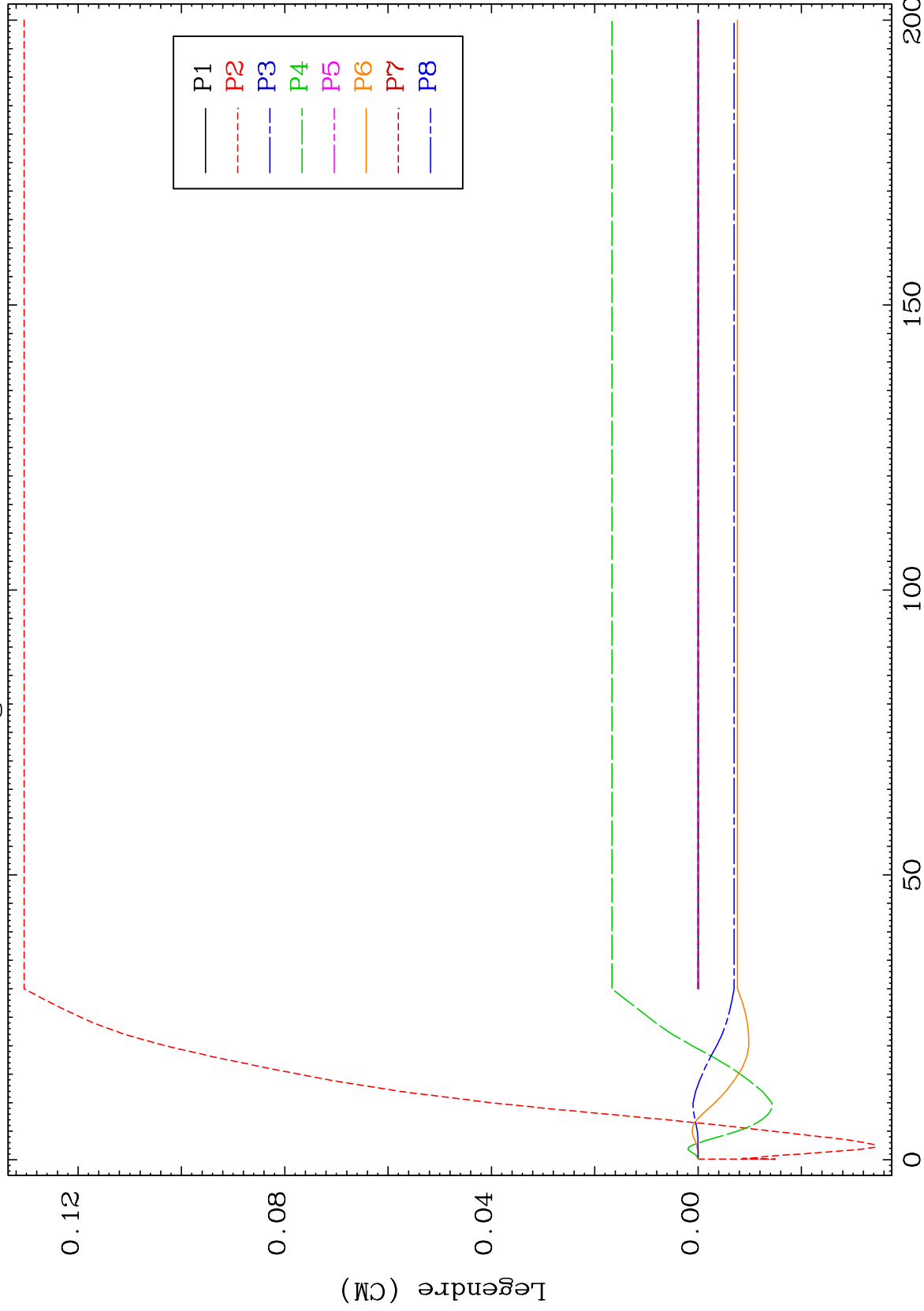
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

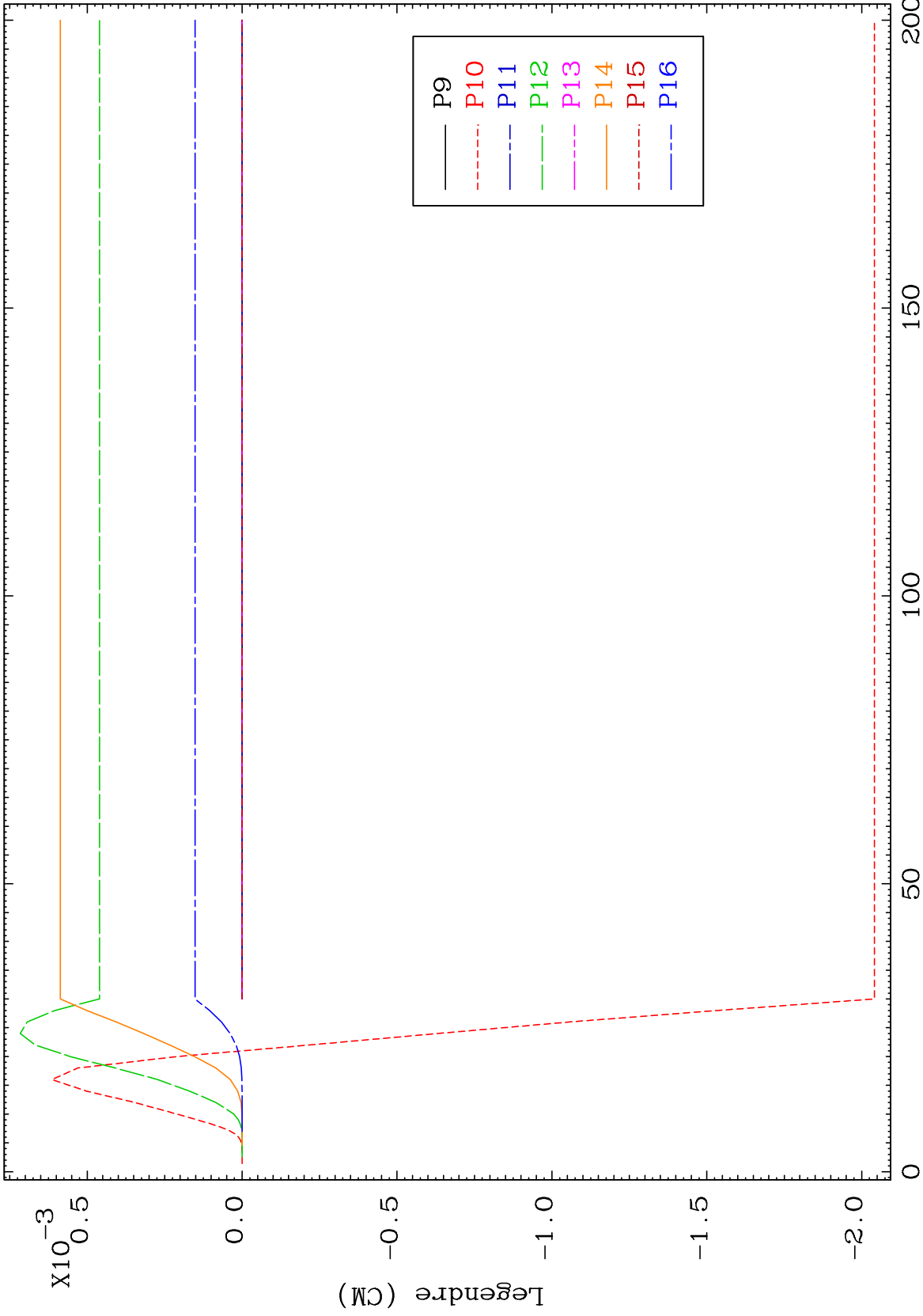
Incident Energy (MeV)

20

MAT 4725

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

47-Ag-107



21

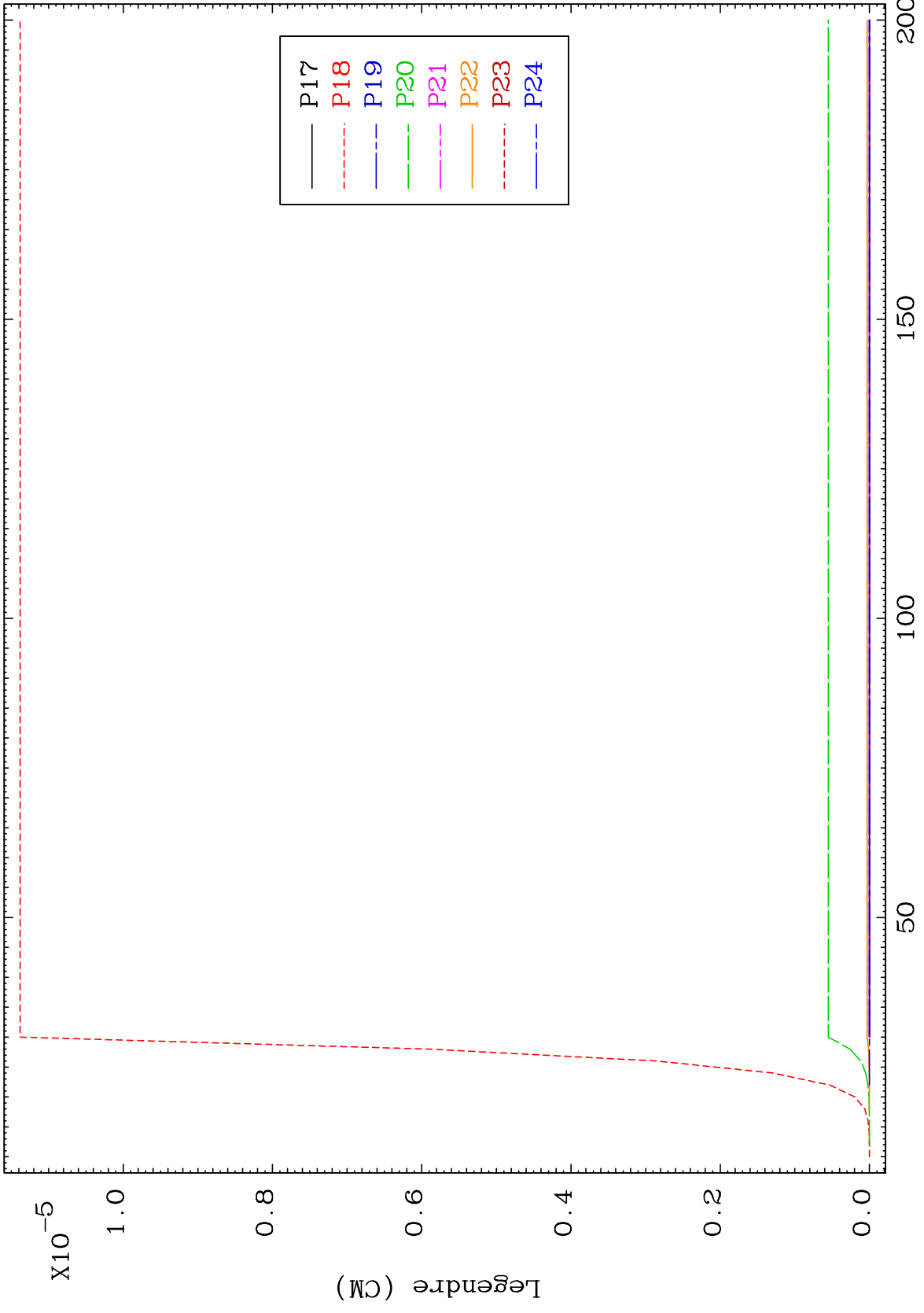
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



22

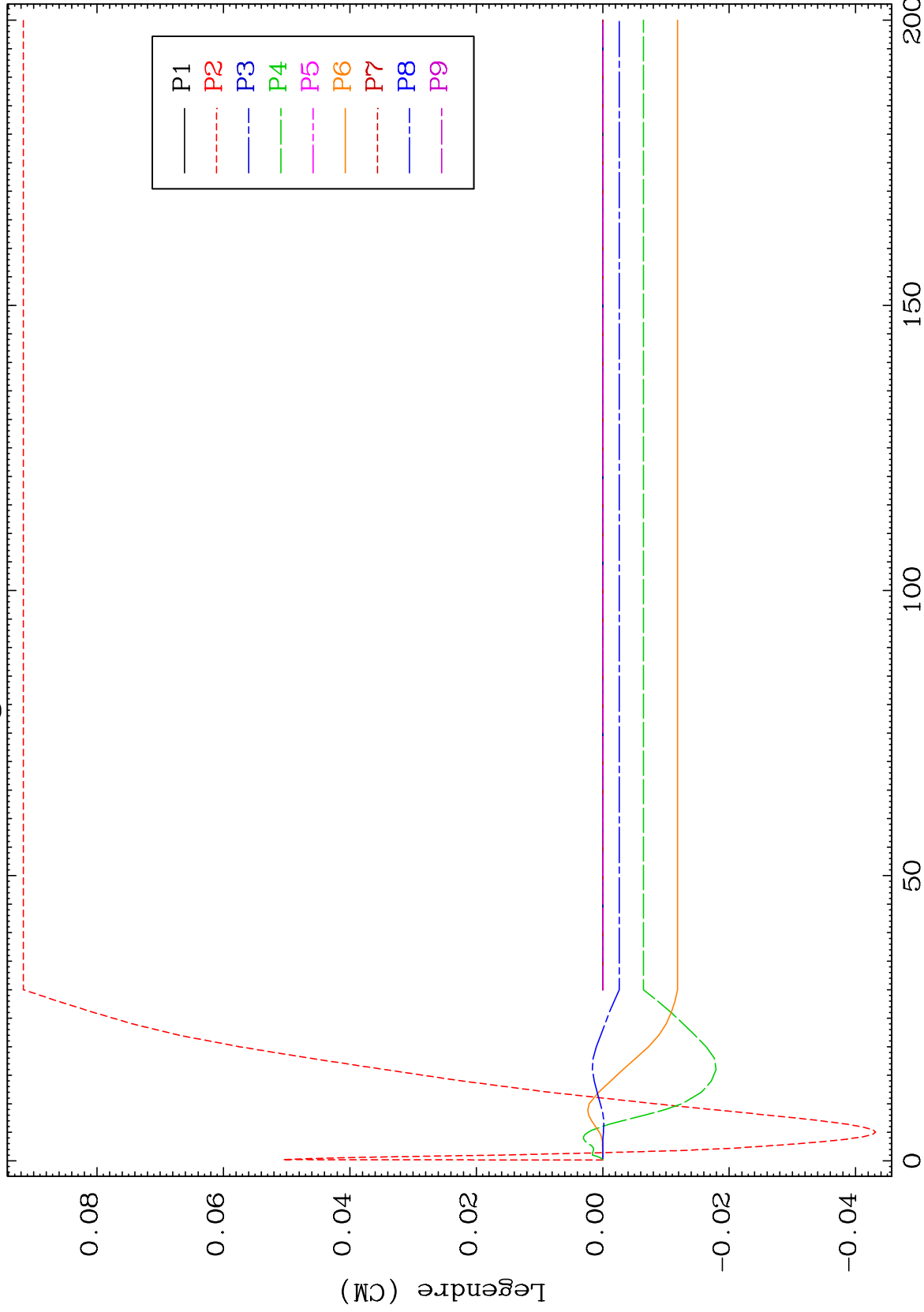
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



23

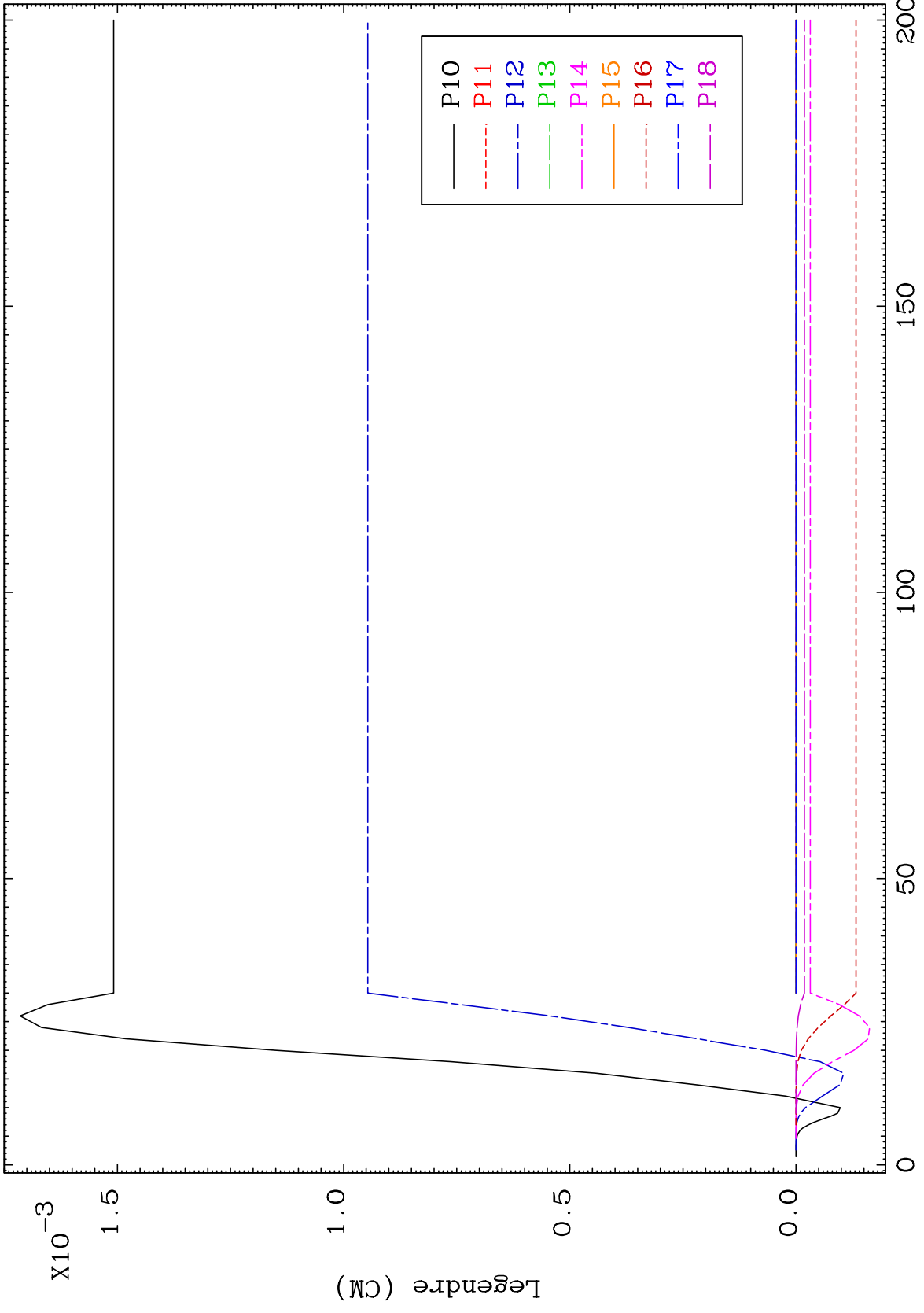
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



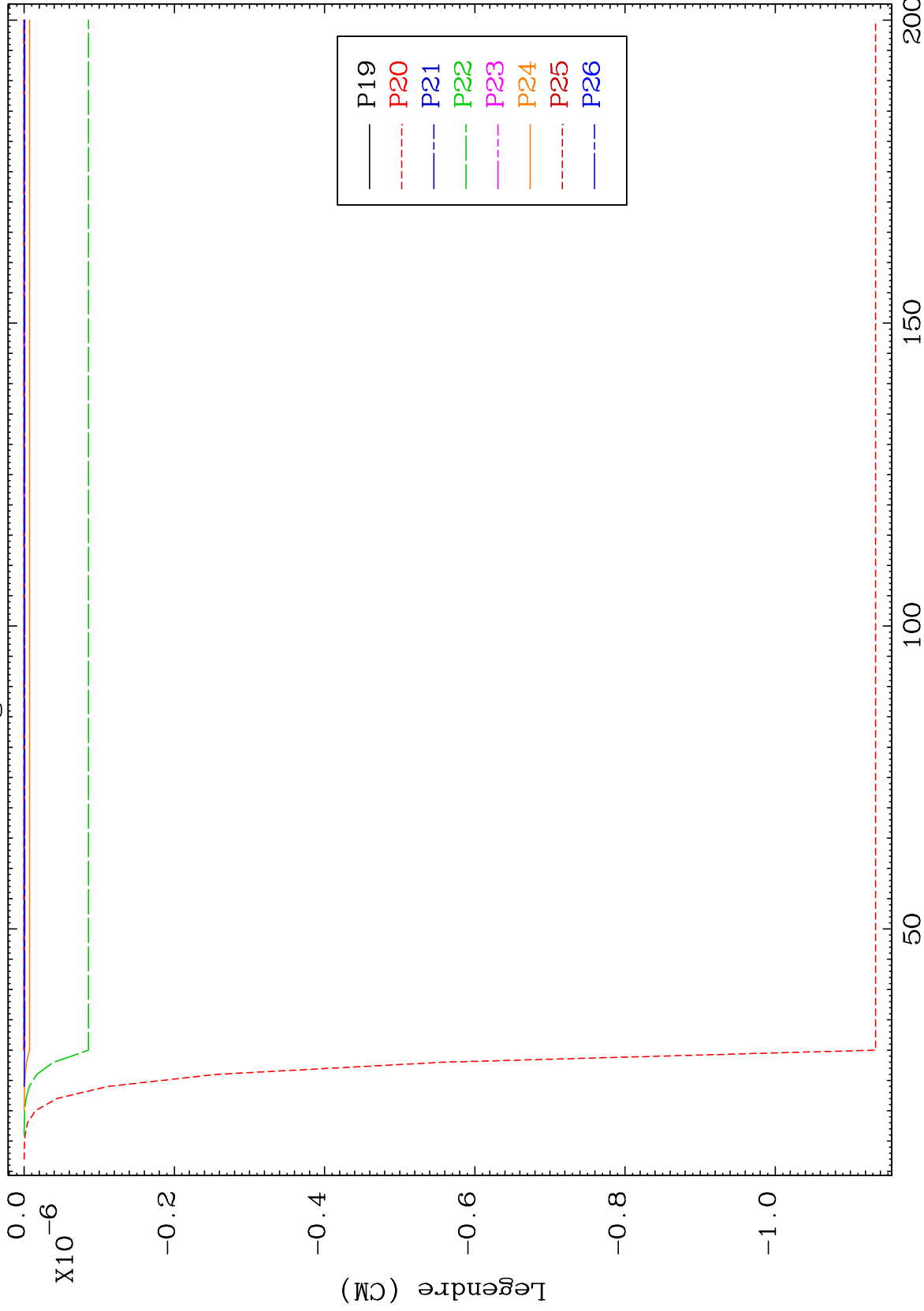
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47-Ag-107

MAT 4725

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

47-Ag-107



25

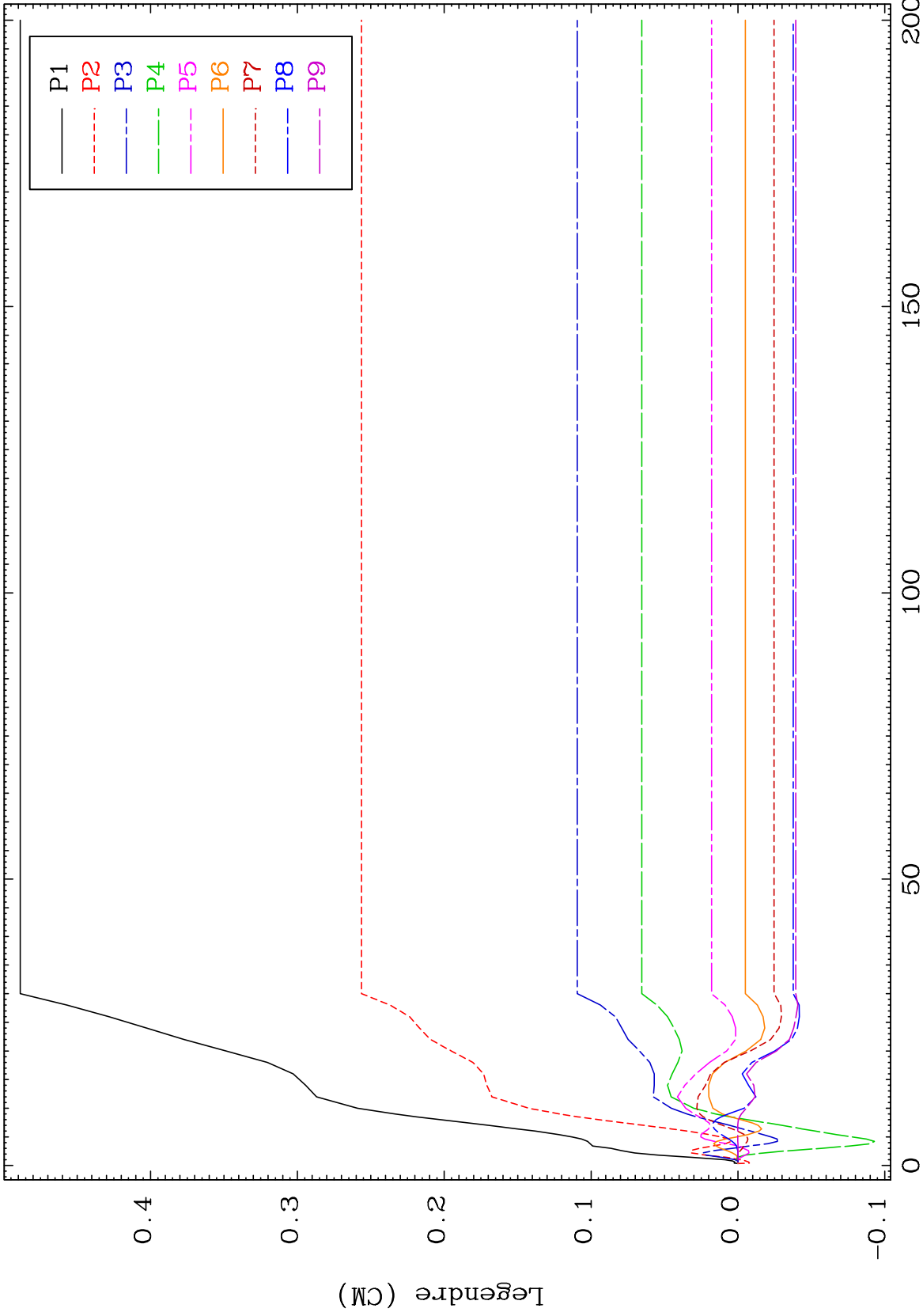
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



26

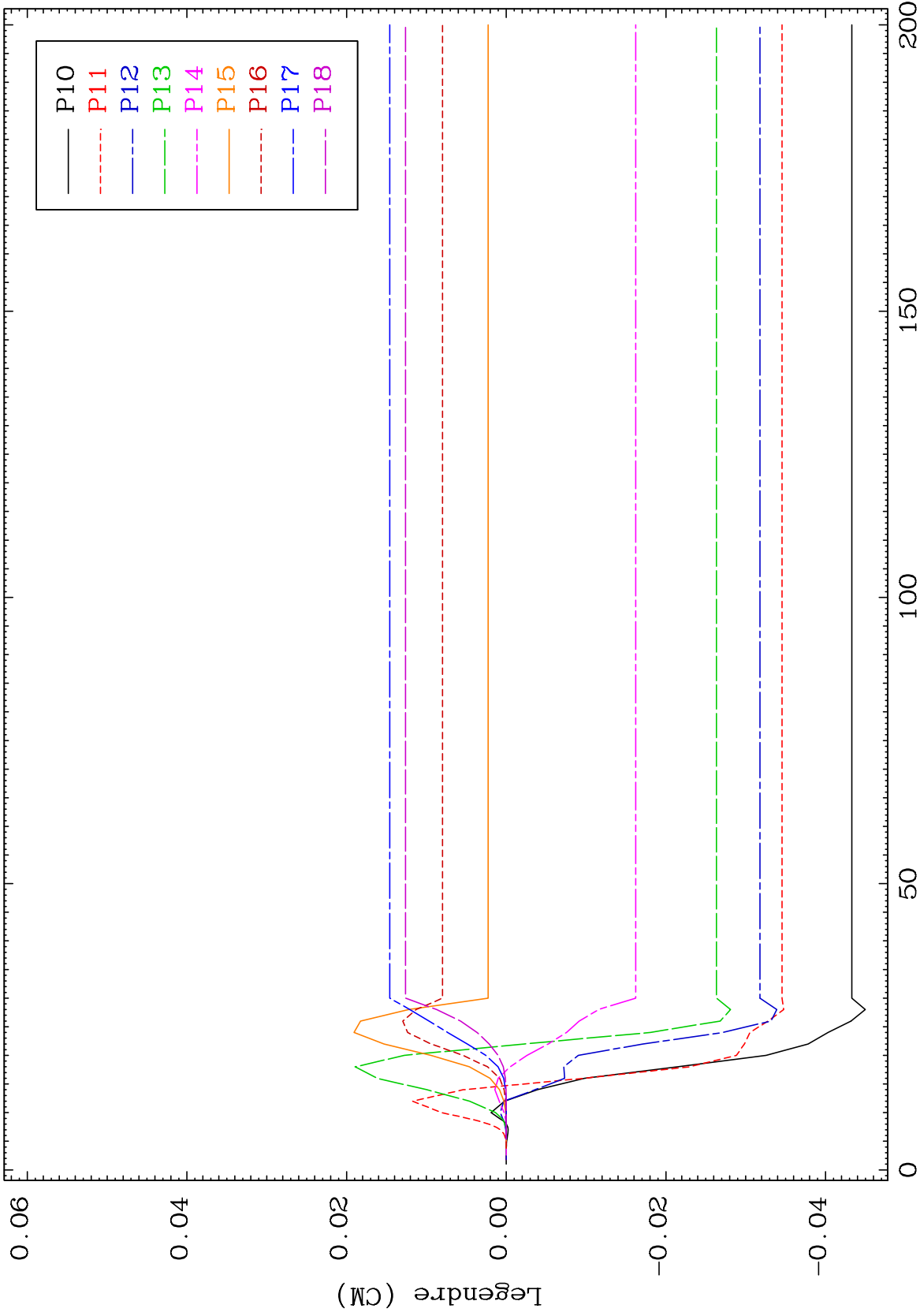
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



27

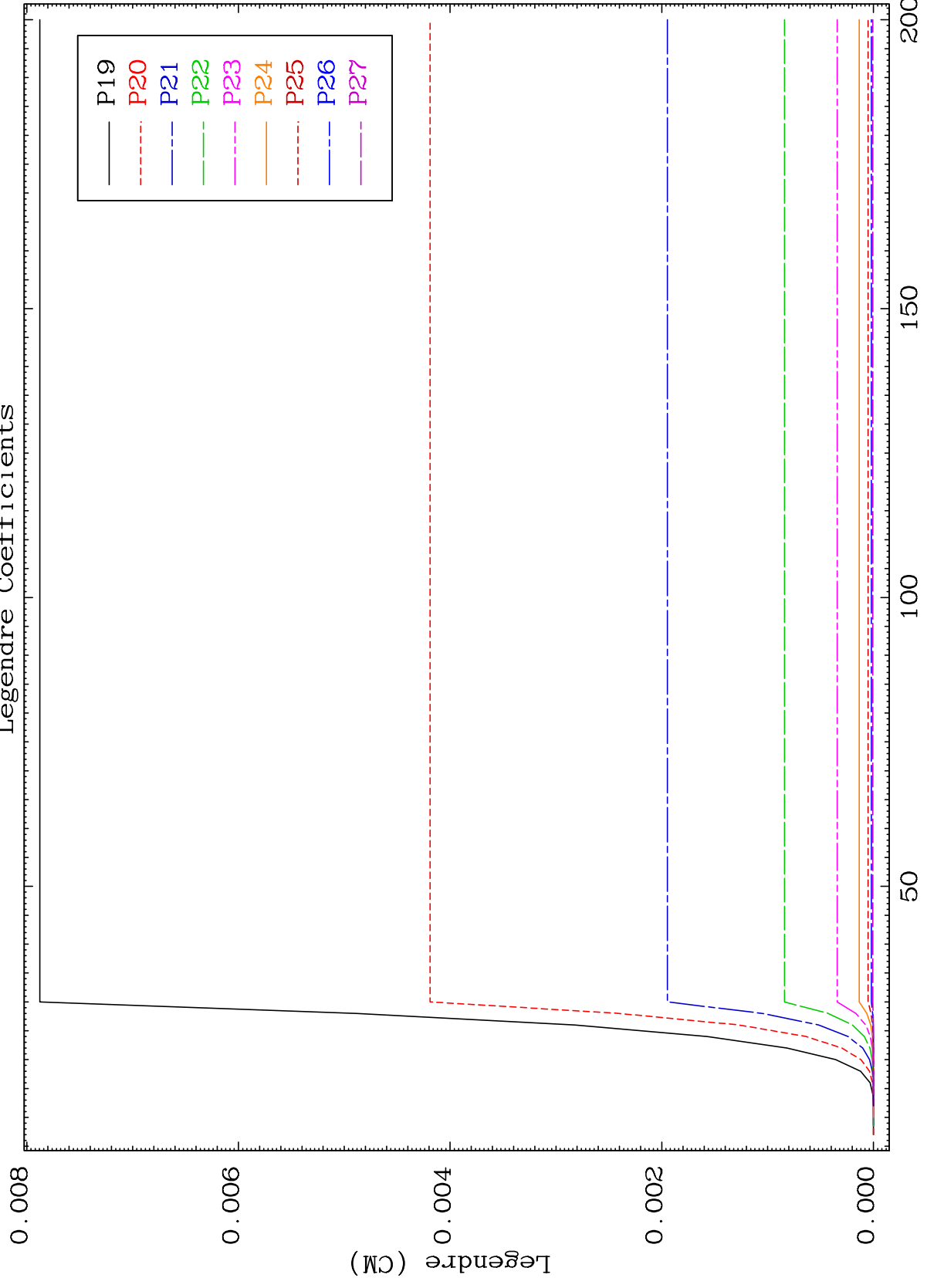
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



28

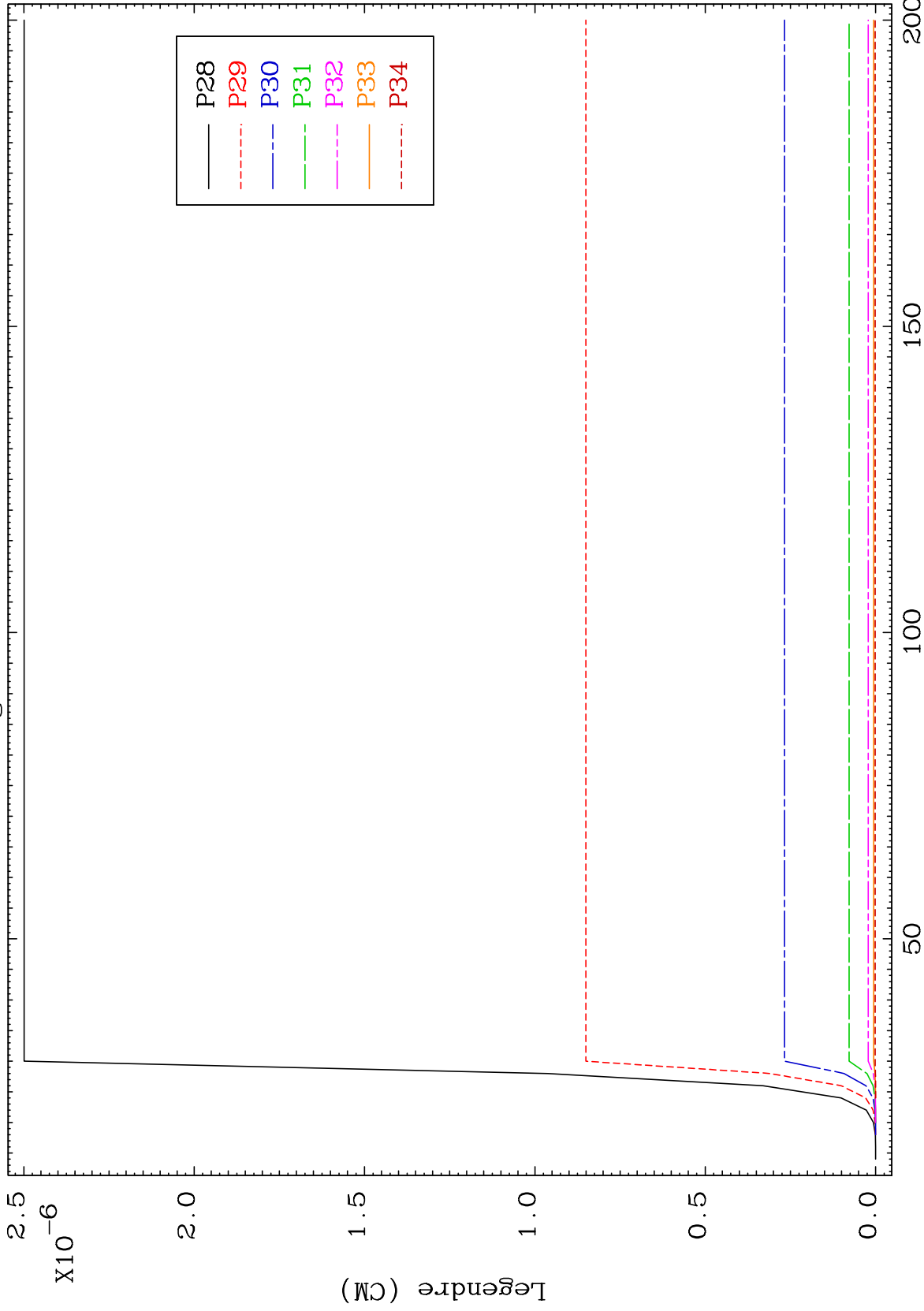
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



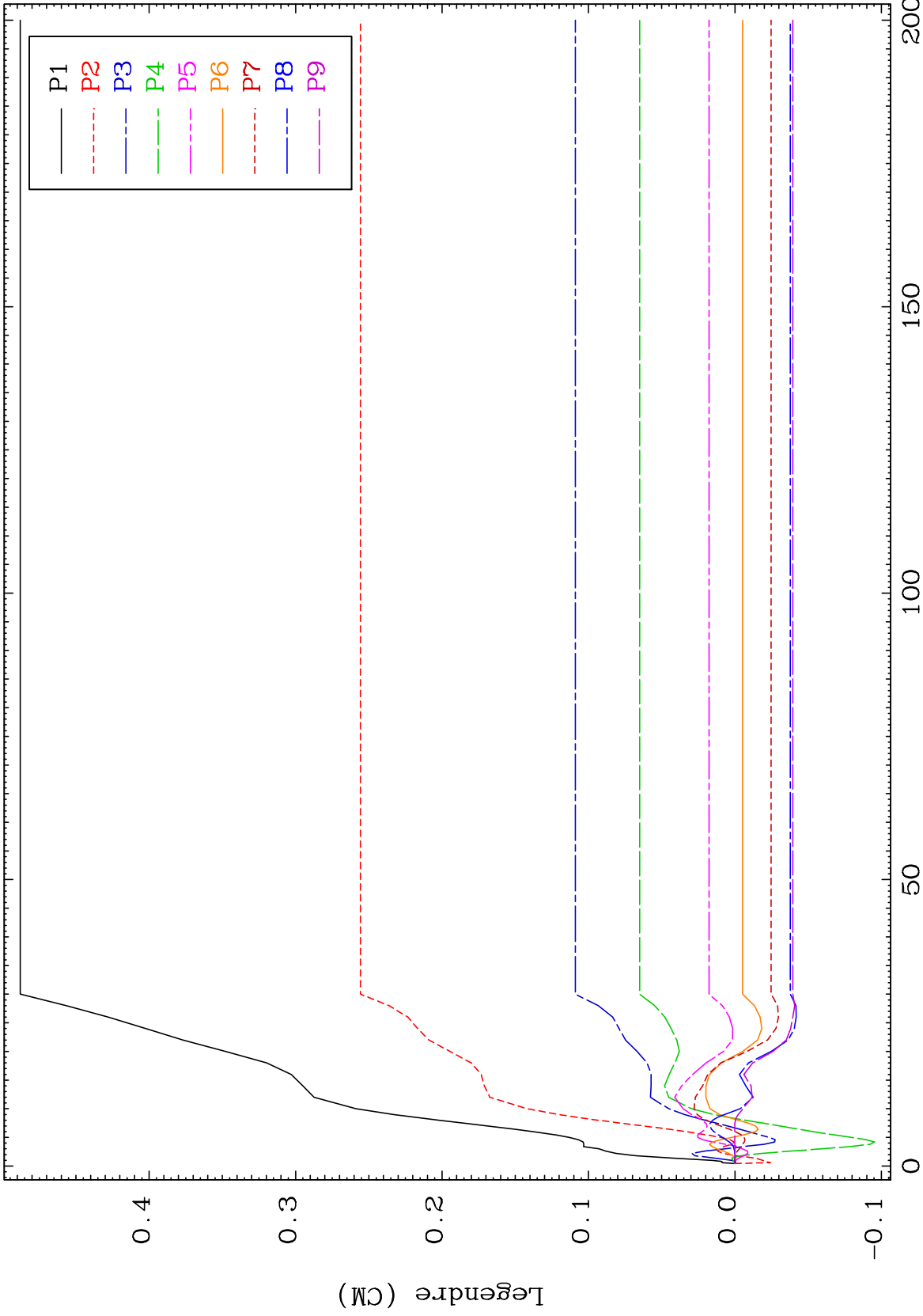
29

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

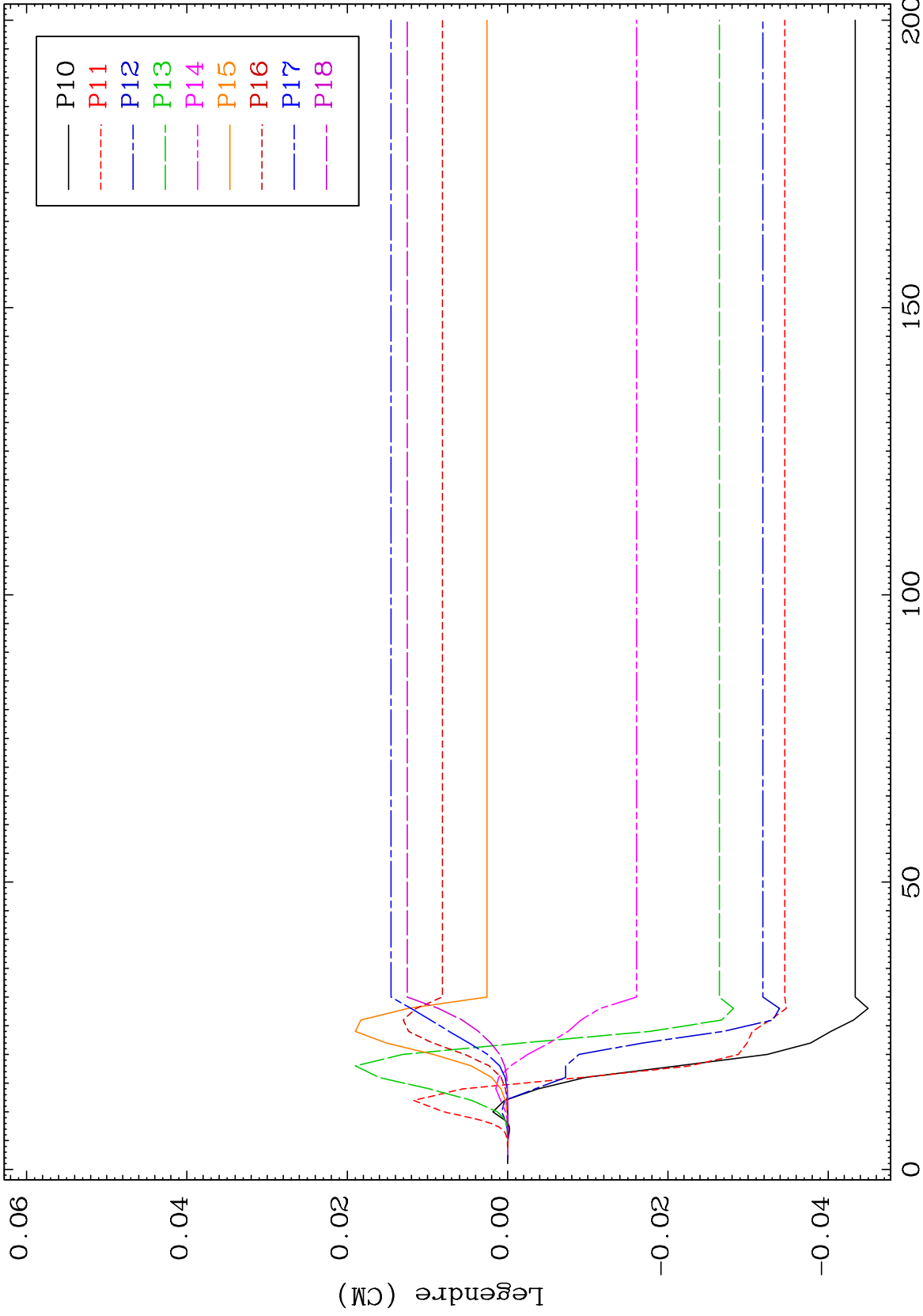
Incident Energy (MeV)

30

MAT 4725

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

47-Ag-107



31

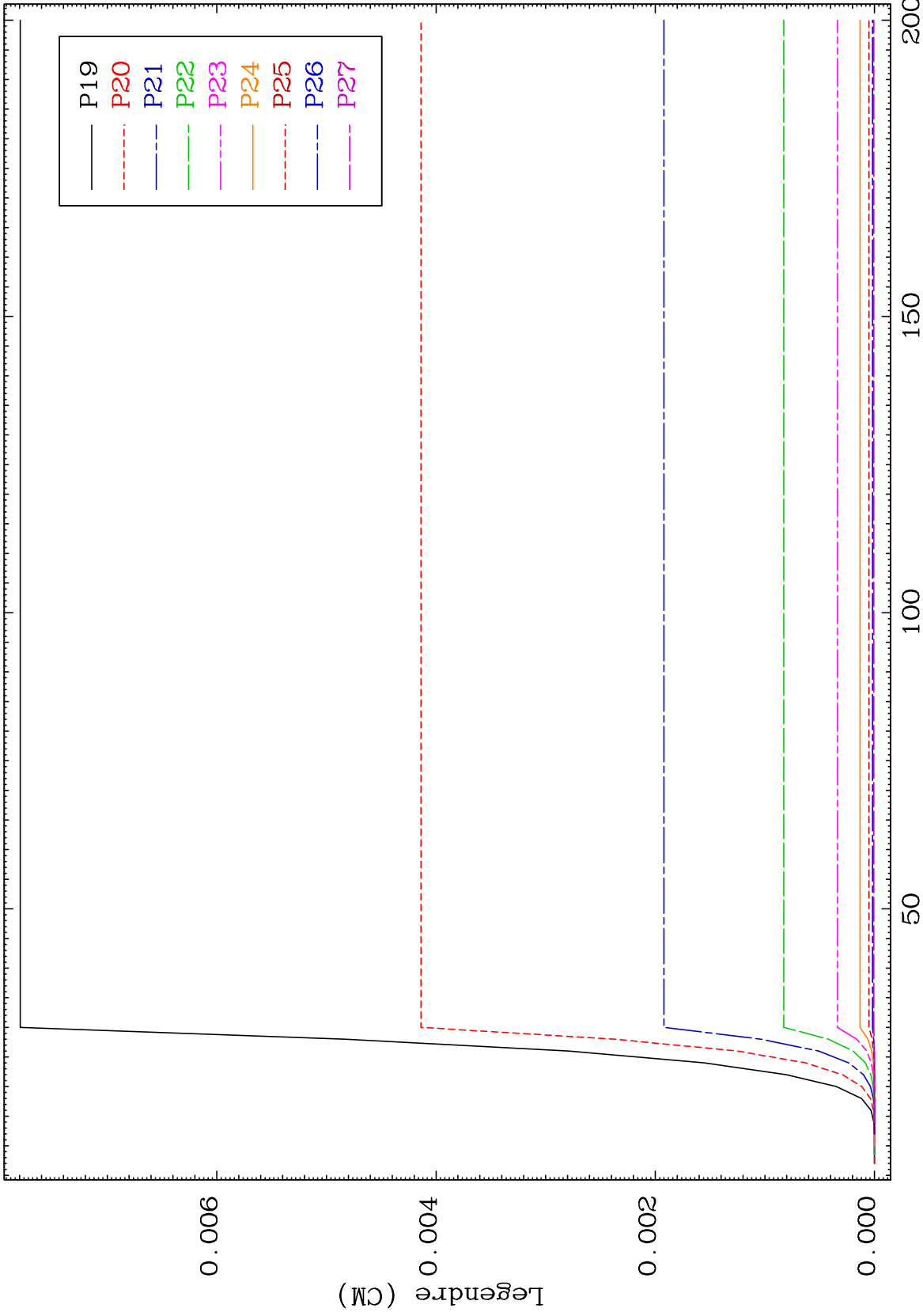
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



32

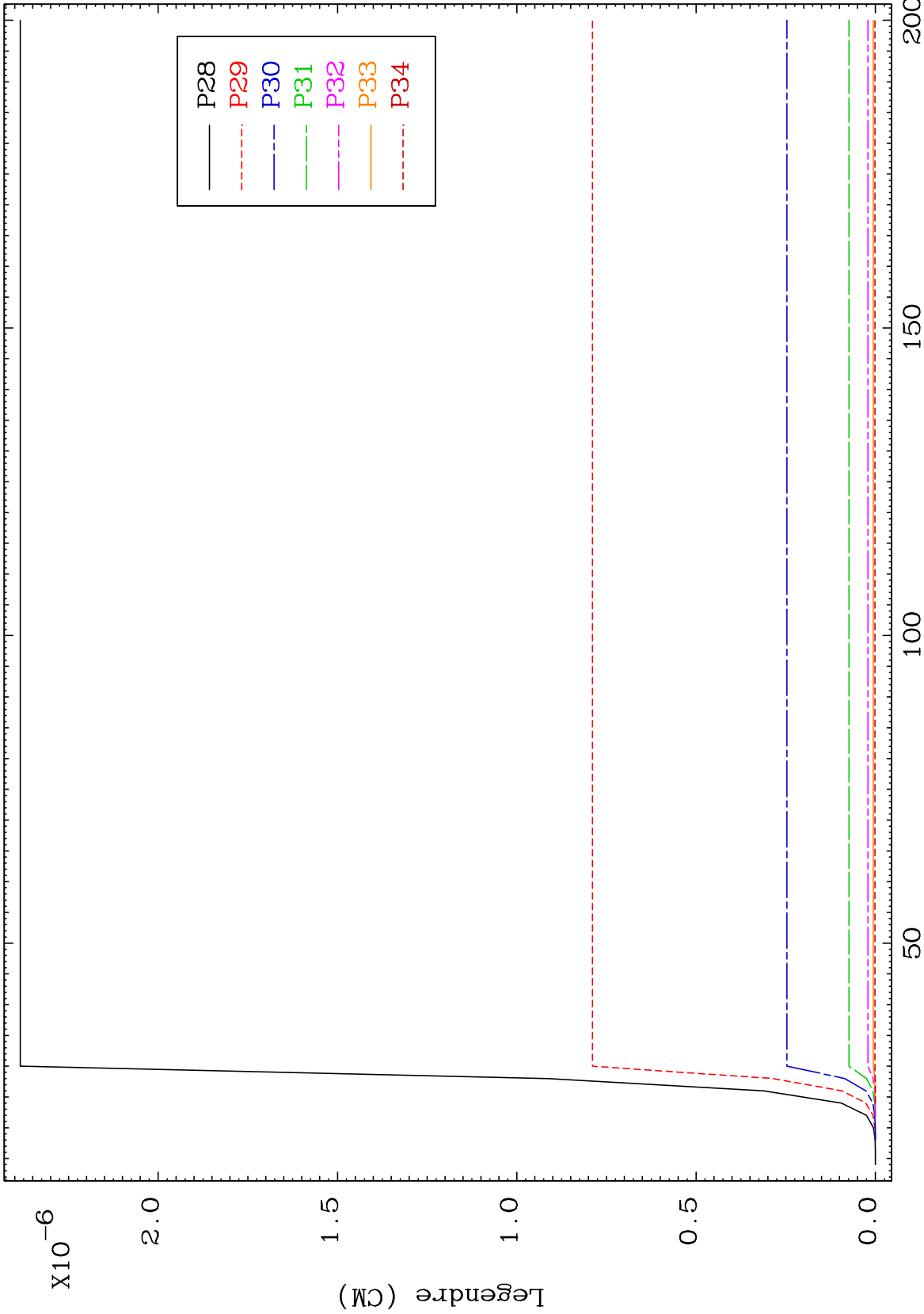
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



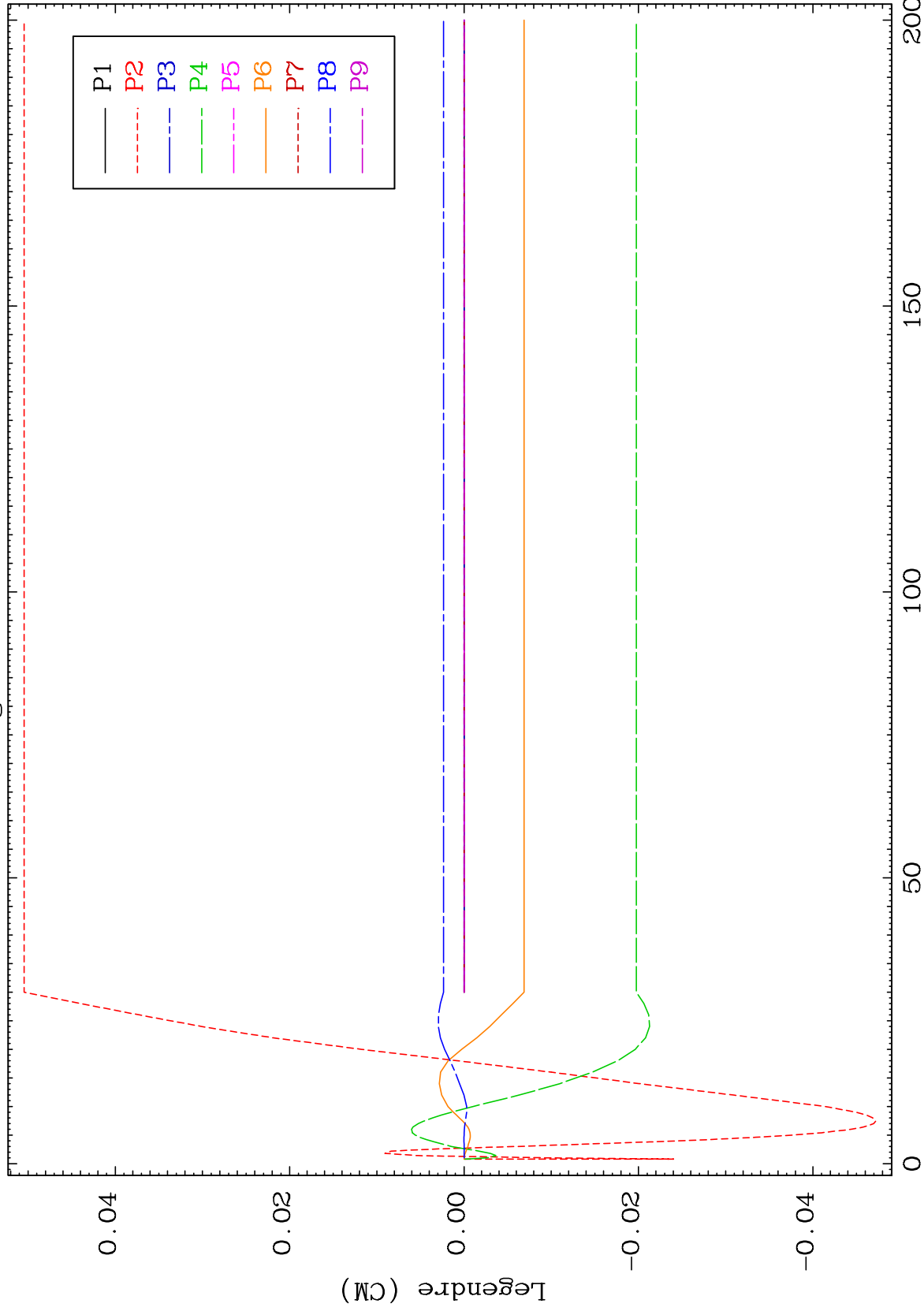
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47-Ag-107

MAT 4725

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

47-Ag-107



34

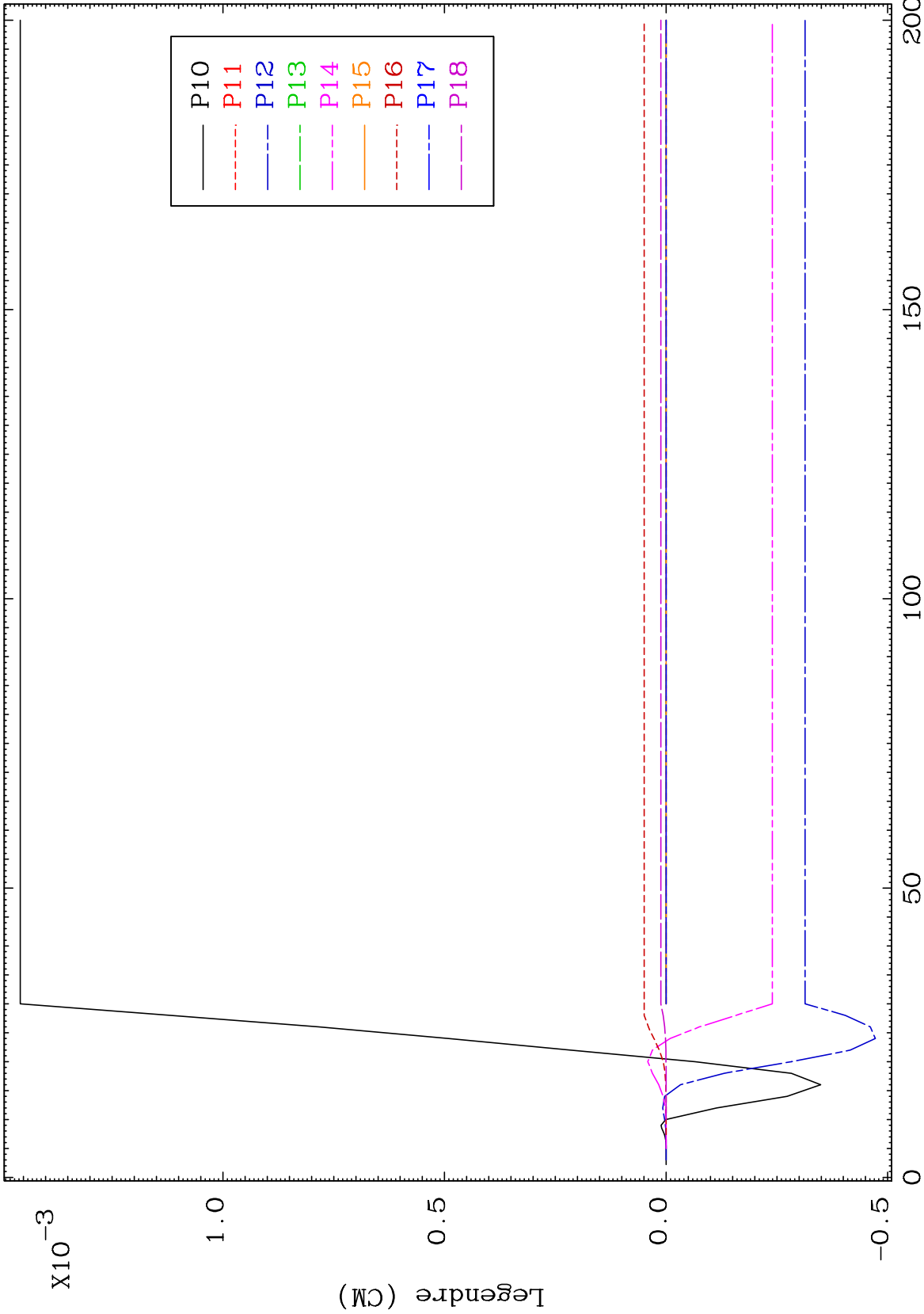
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



35

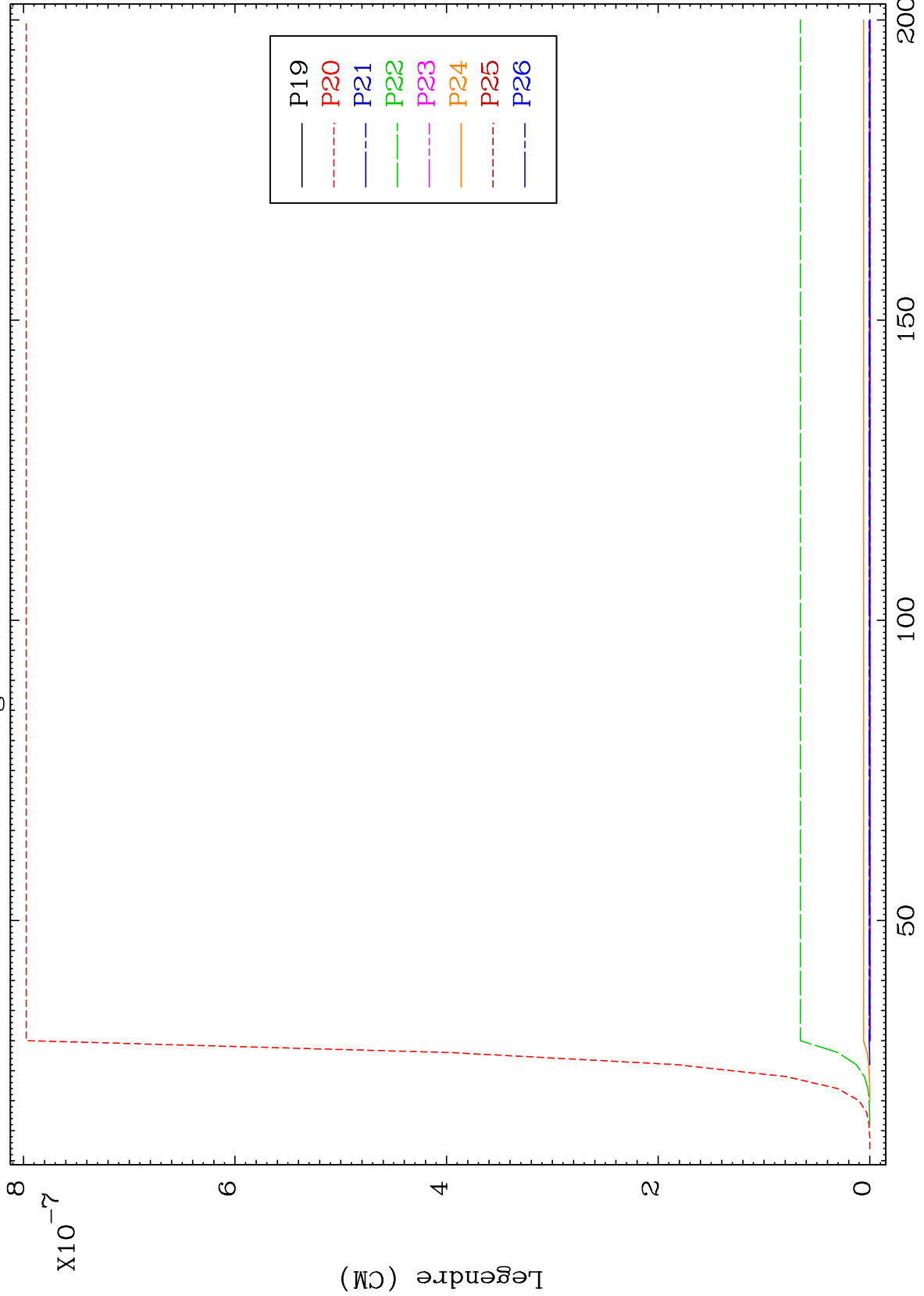
47-Ag-107

47-Ag-107

MAT 4725

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

47-Ag-107



36

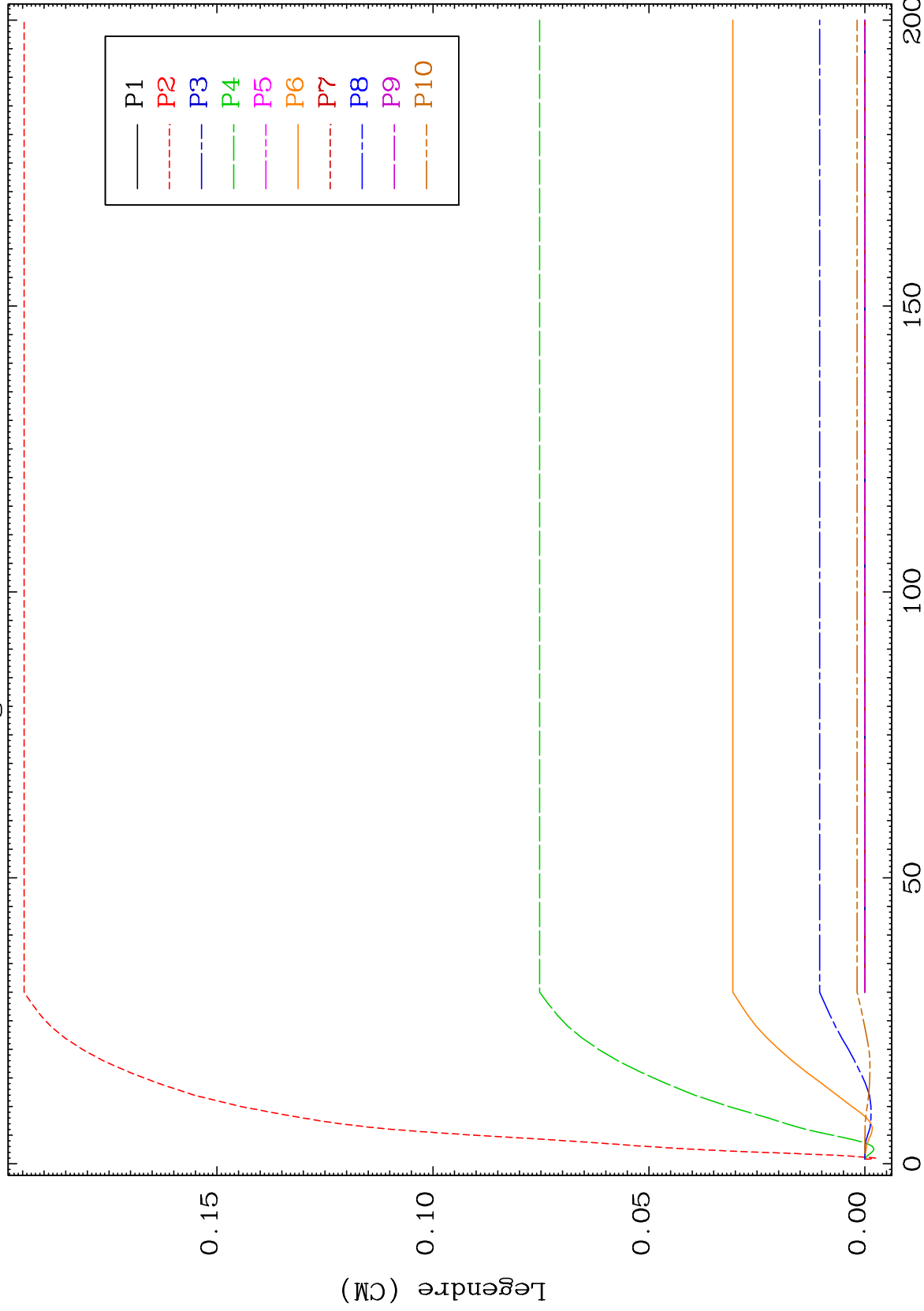
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



37

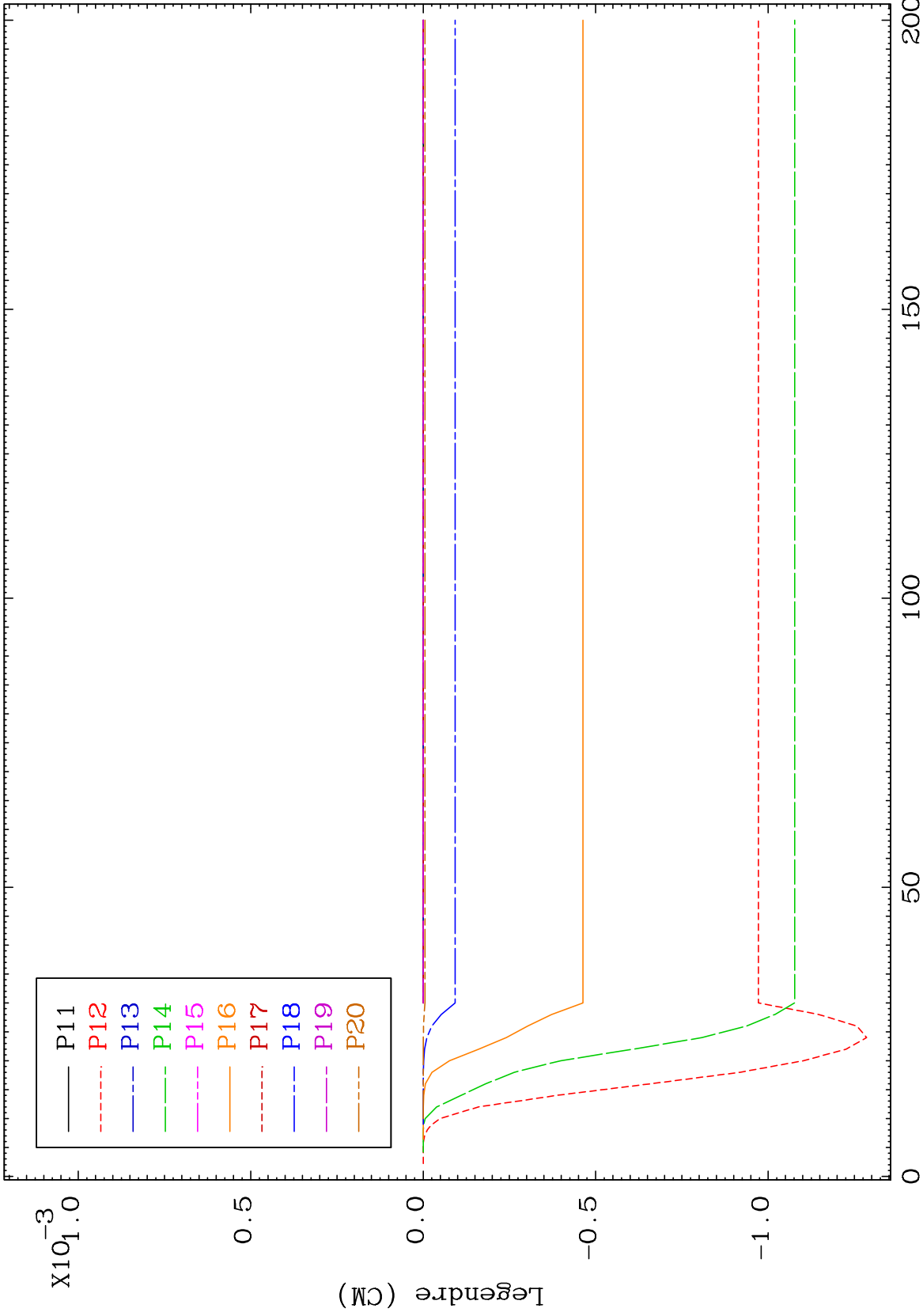
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



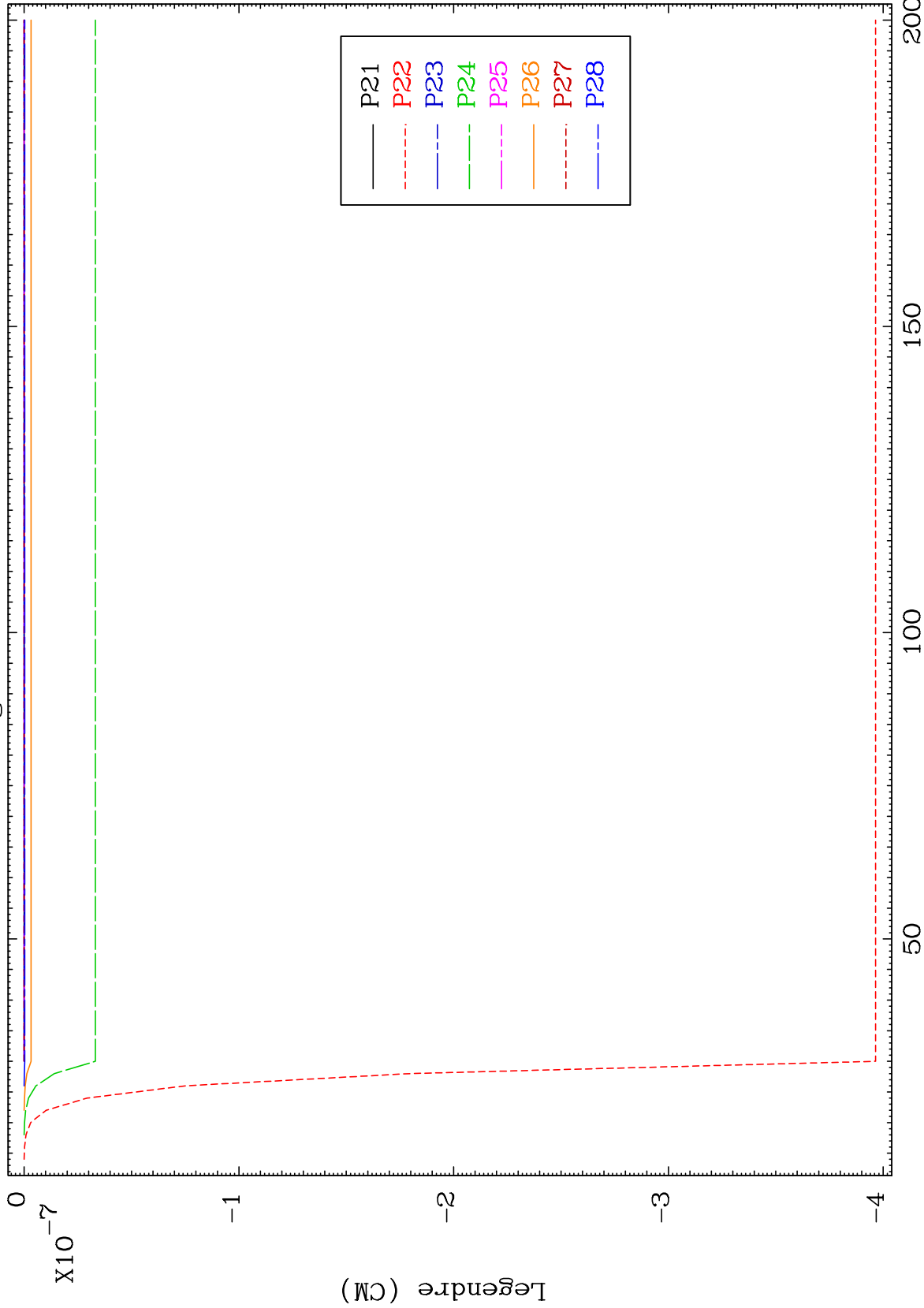
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47-Ag-107

MAT 4725

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

47-Ag-107



39

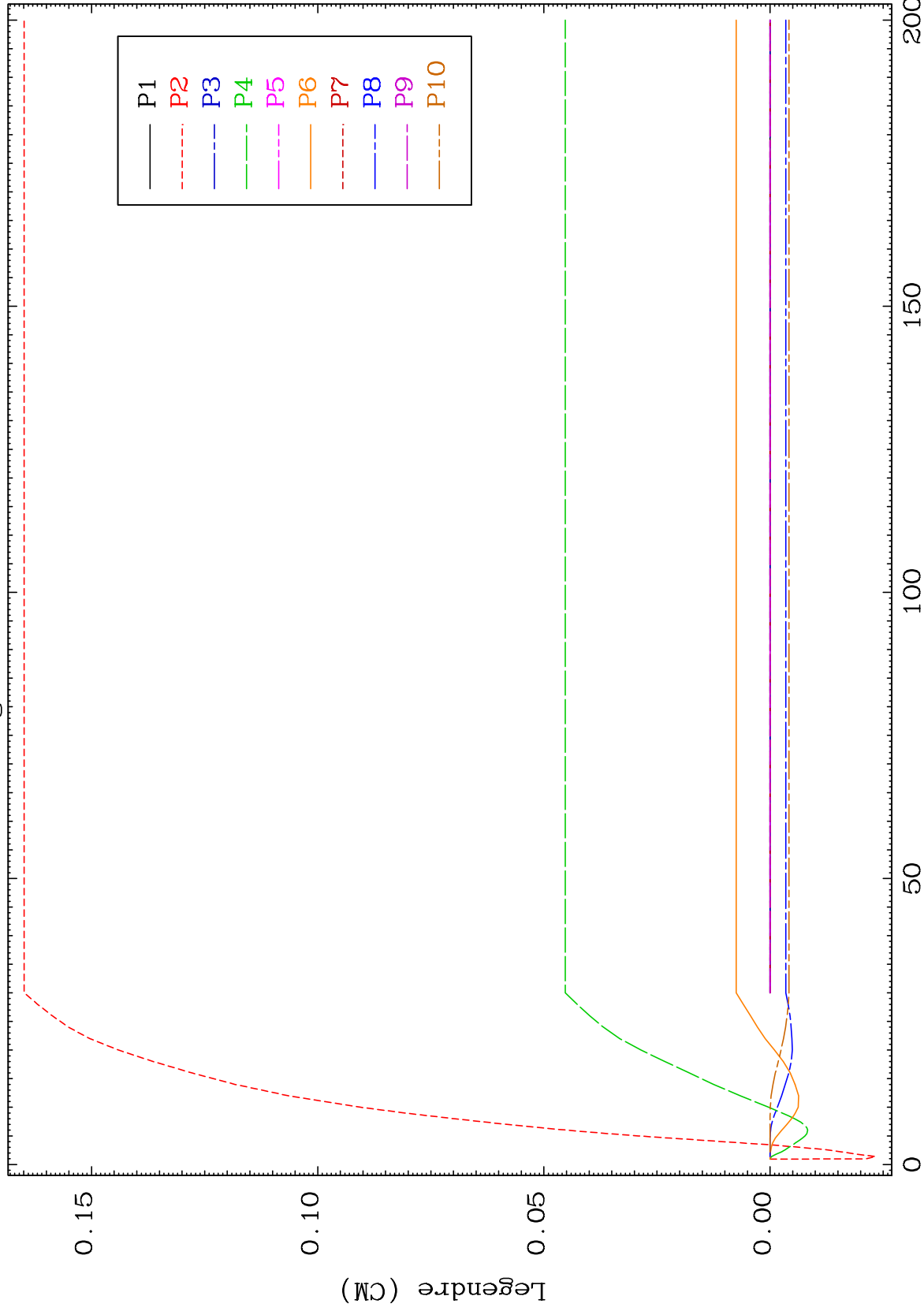
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

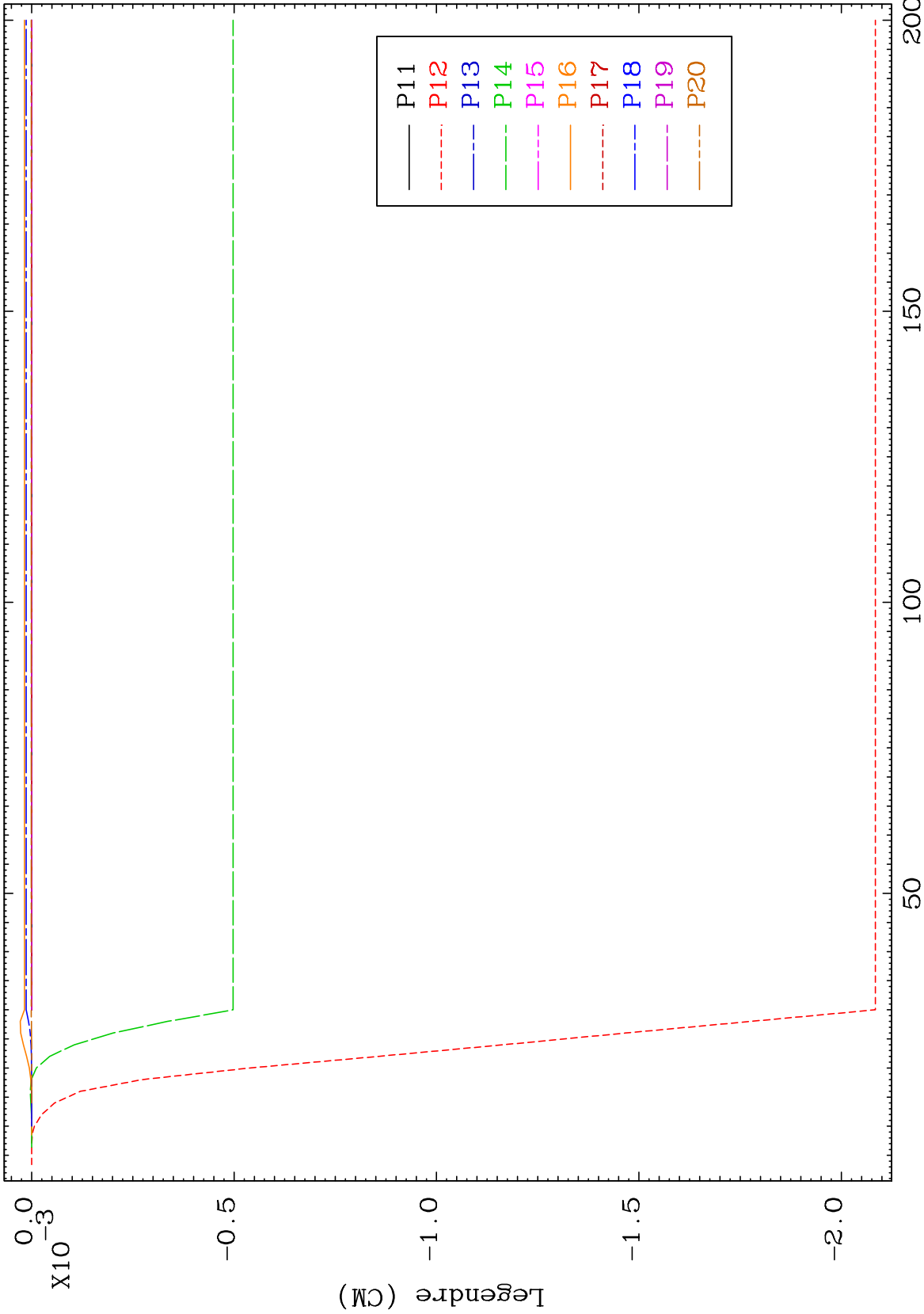
Incident Energy (MeV)

40

MAT 4725

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

47-Ag-107



41

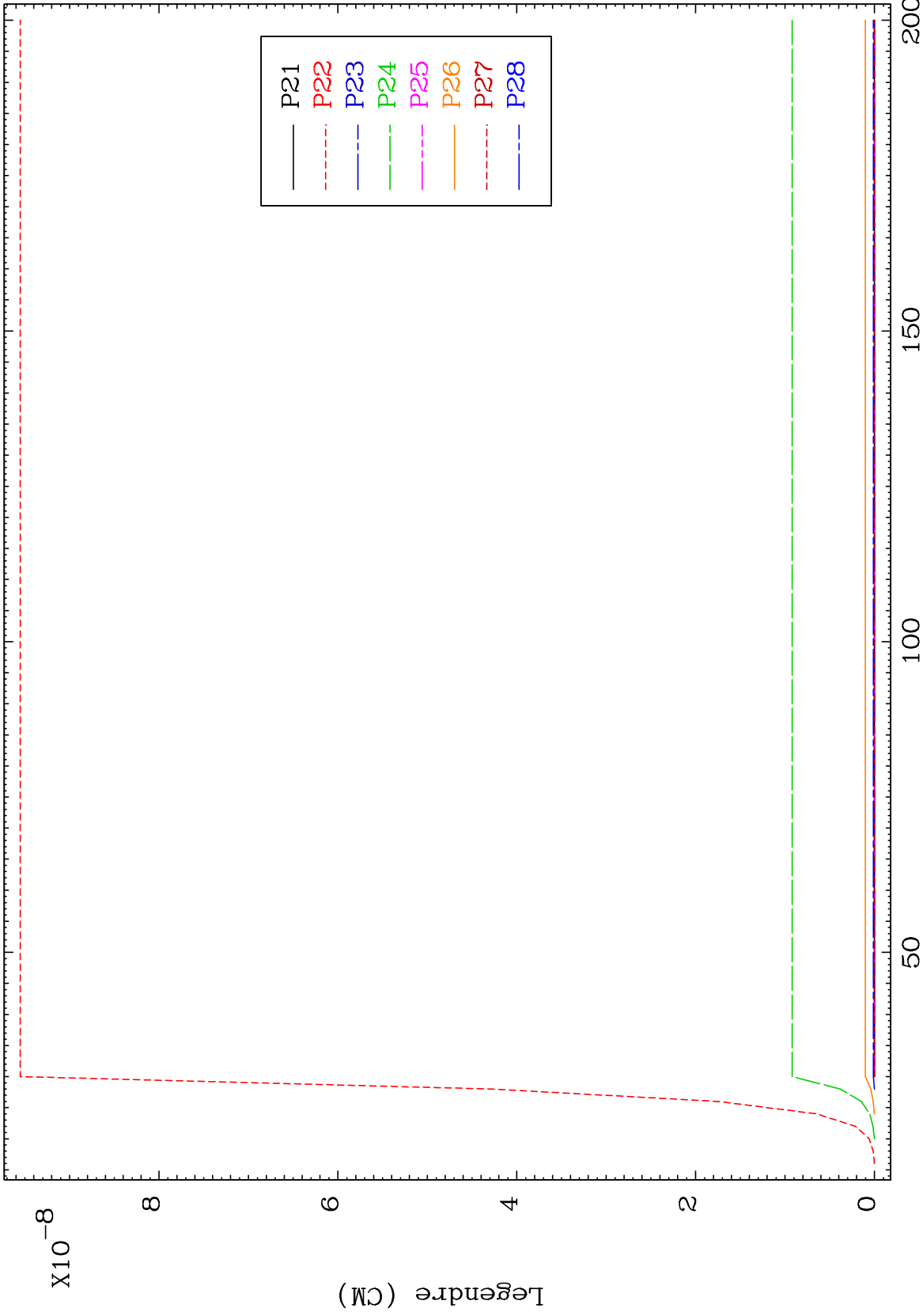
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



42

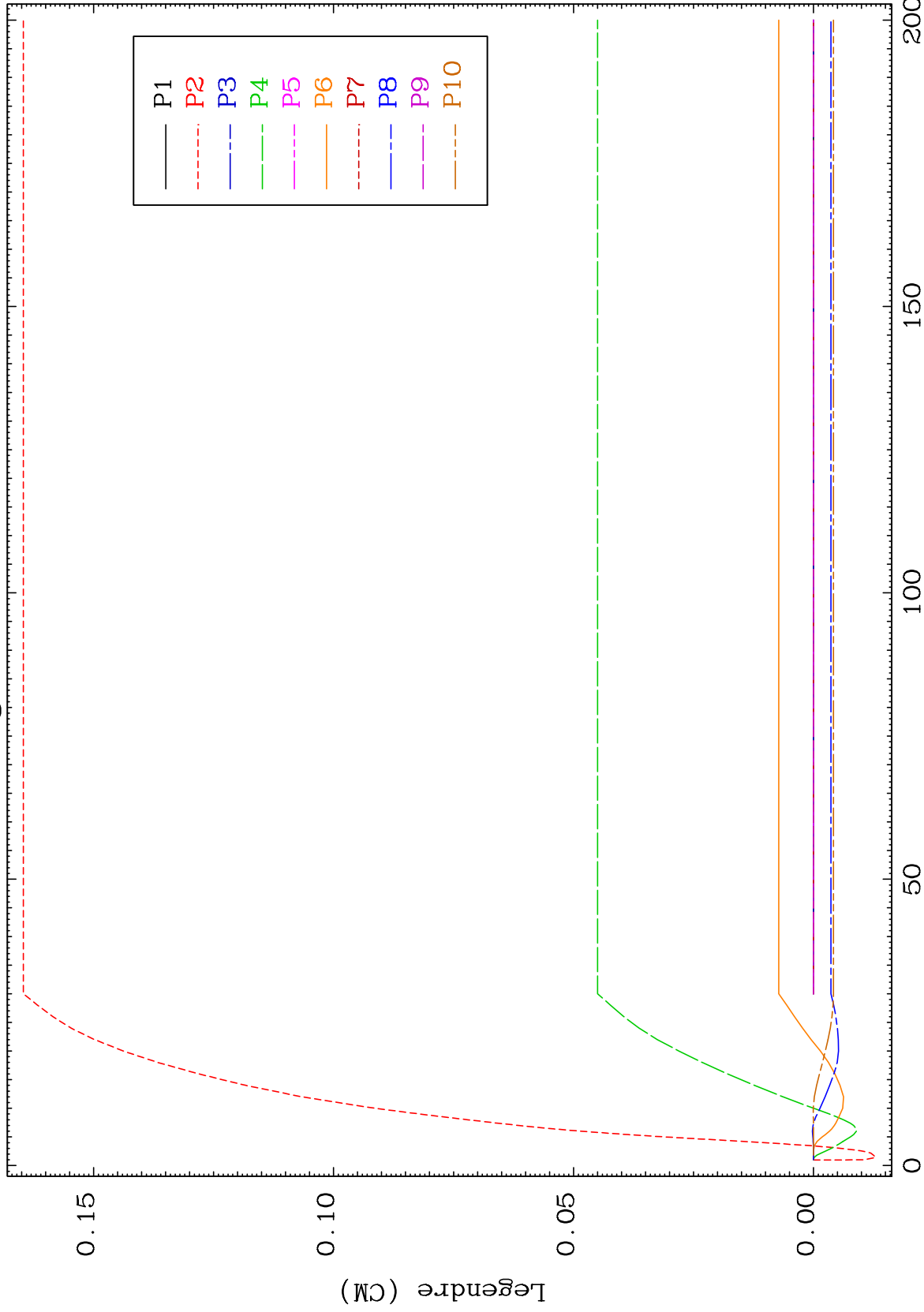
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



43

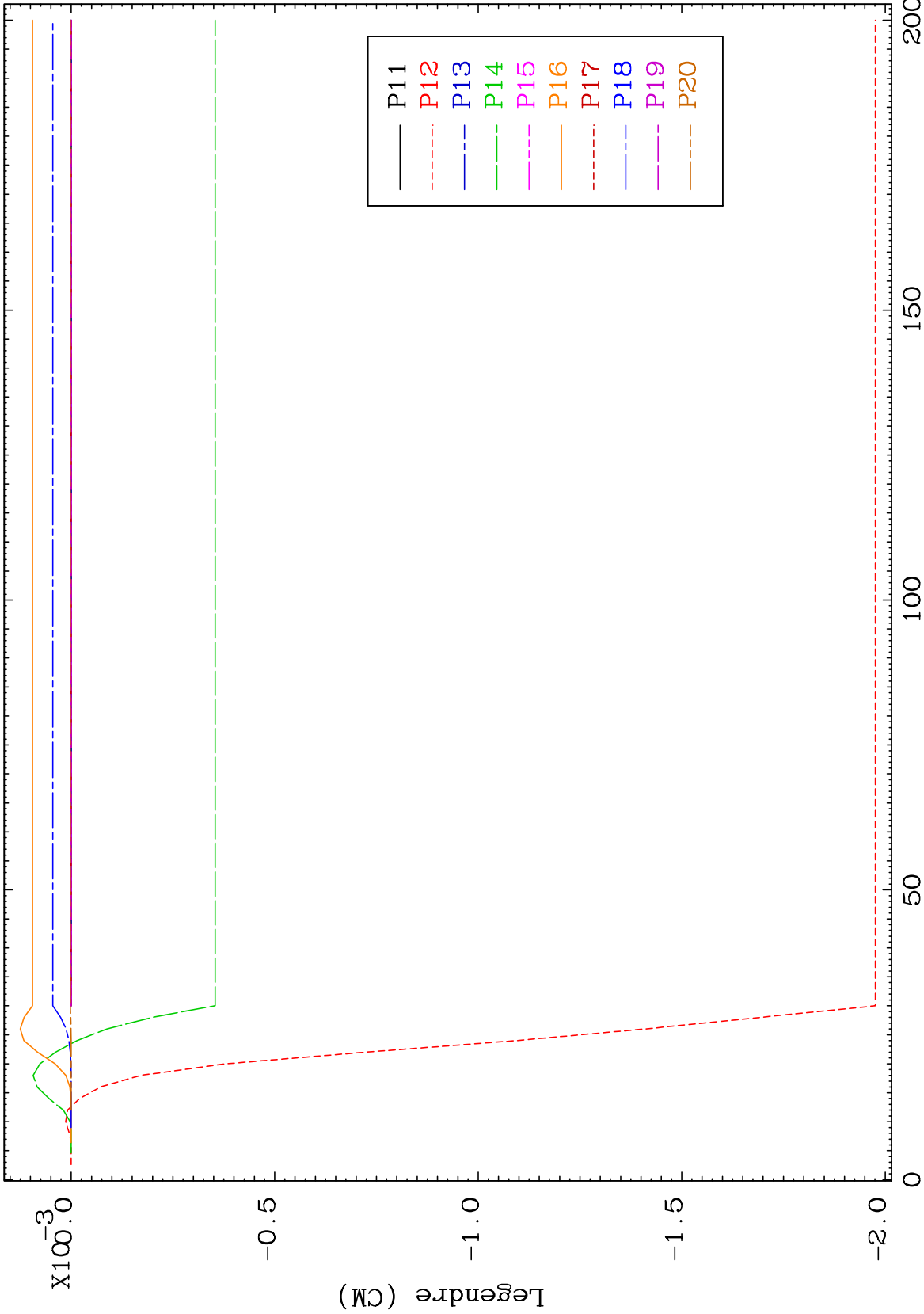
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



44

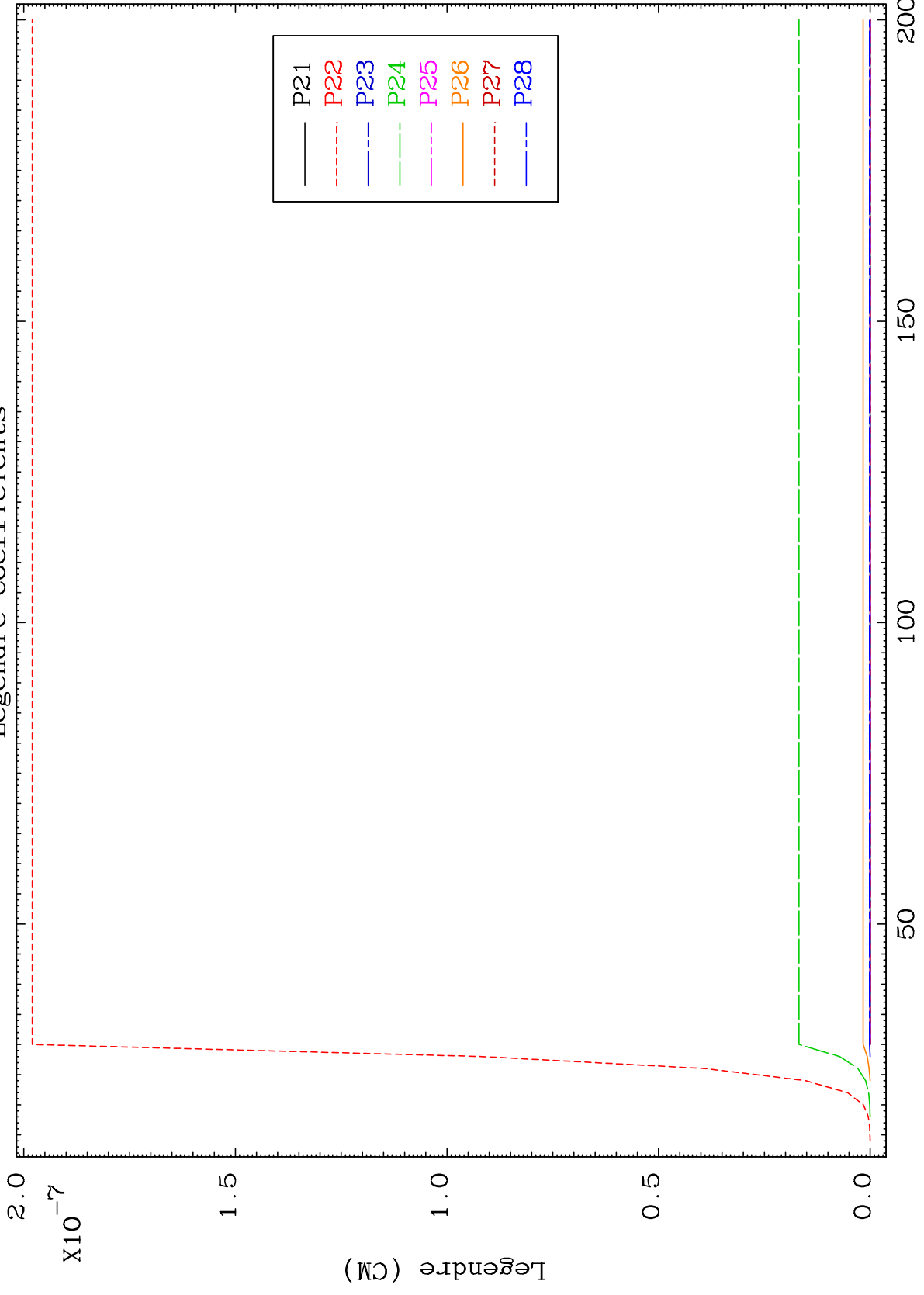
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

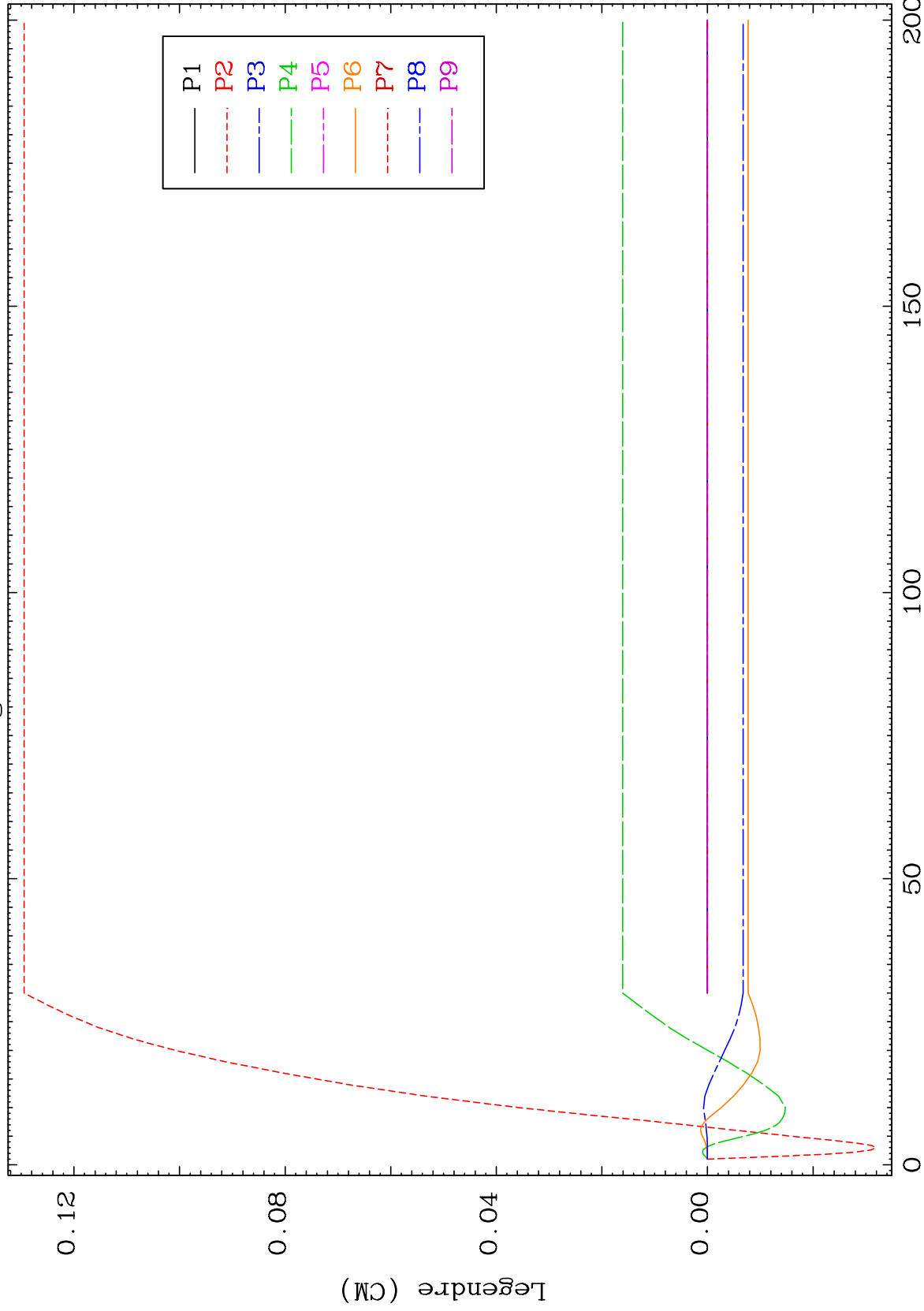
Incident Energy (MeV)

45

MAT 4725

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

47-Ag-107



46

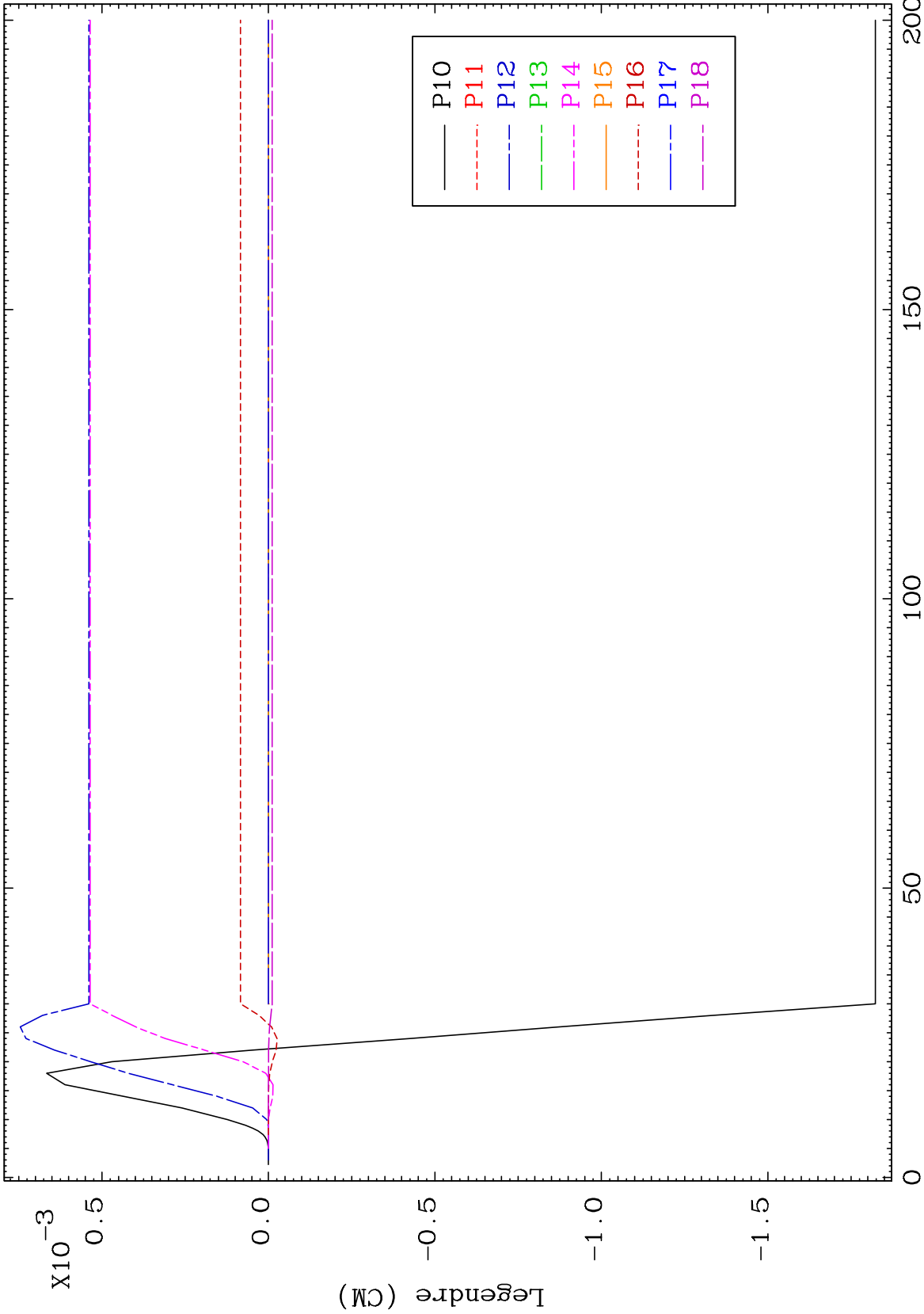
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47

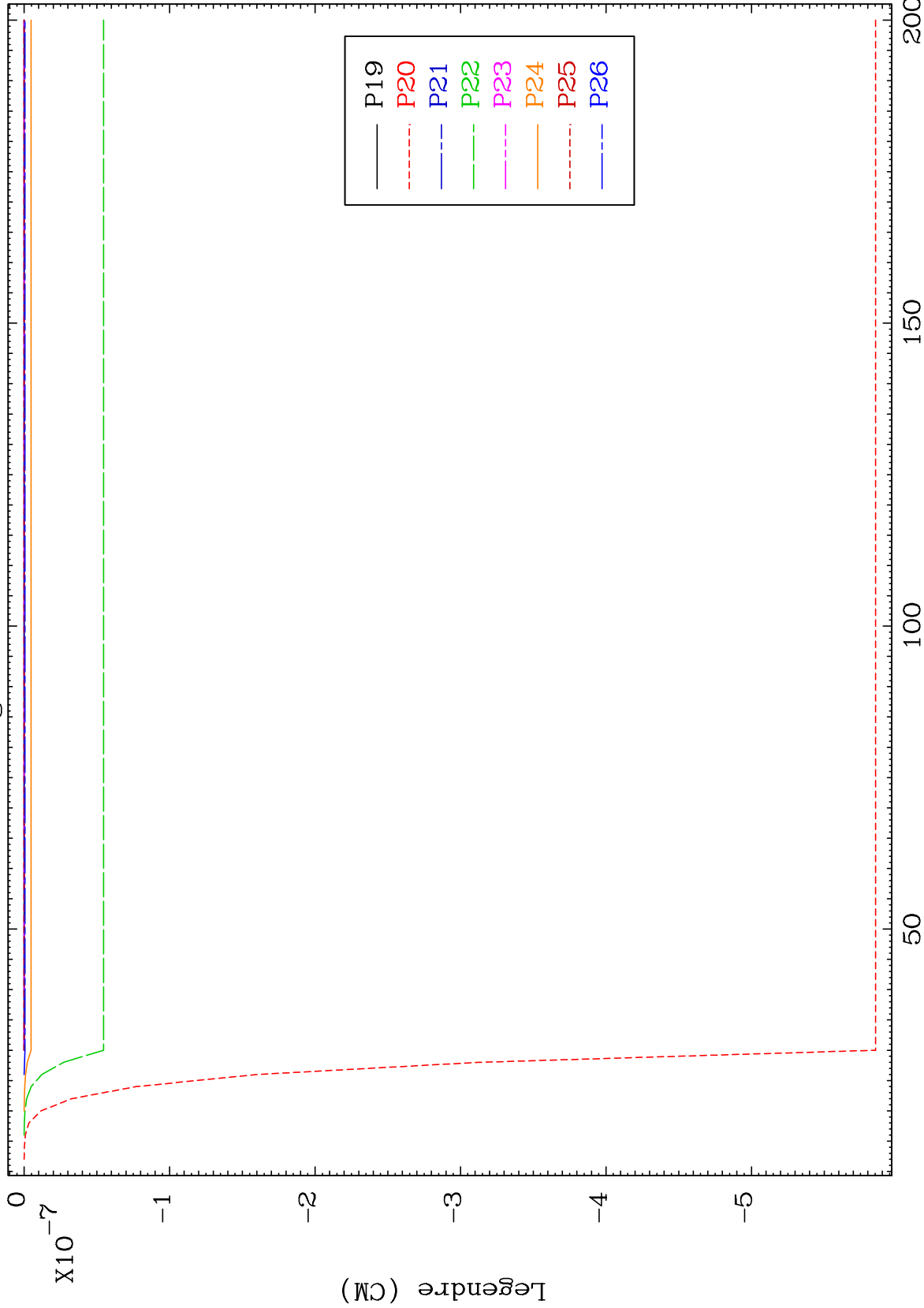
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



48

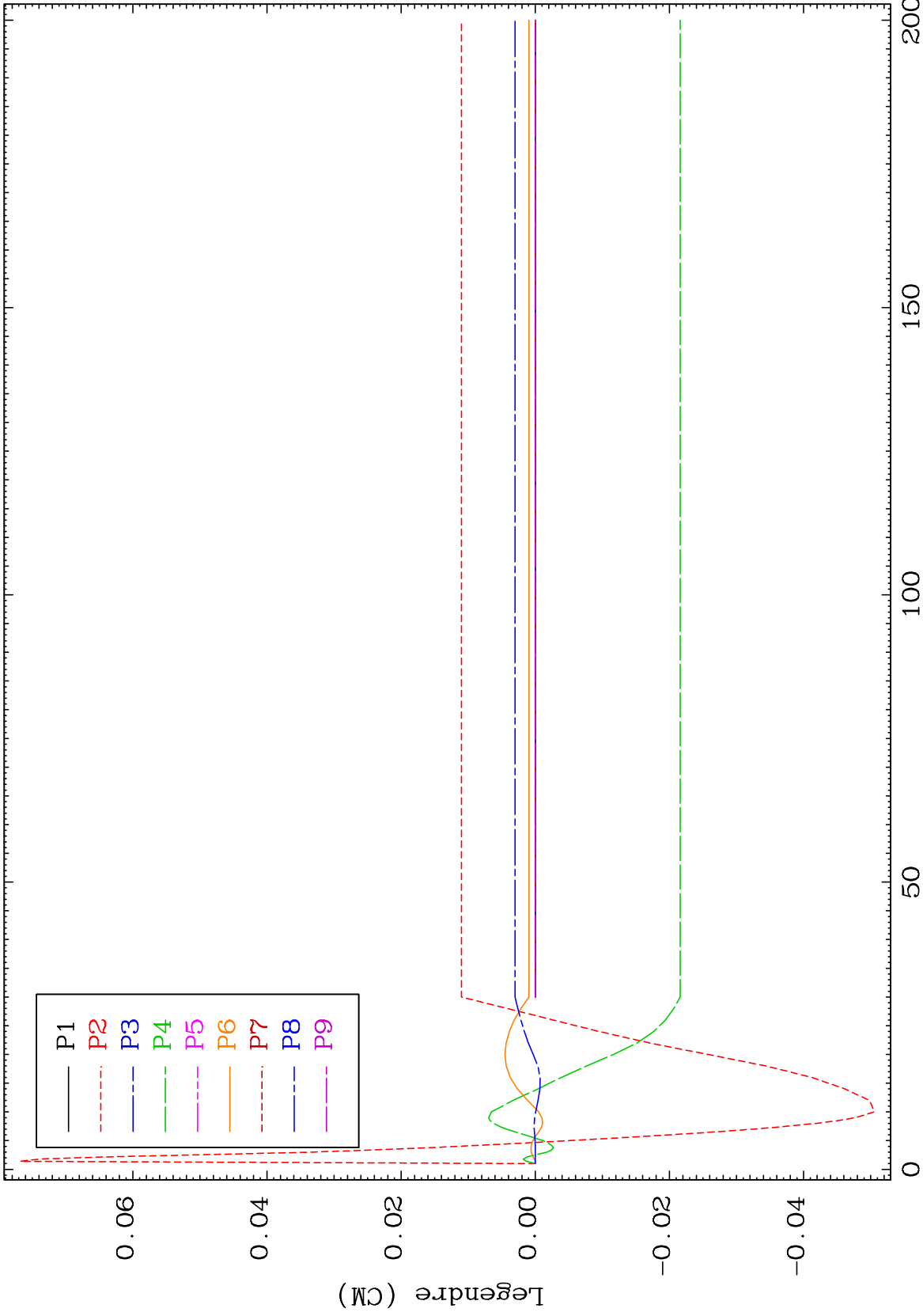
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



49

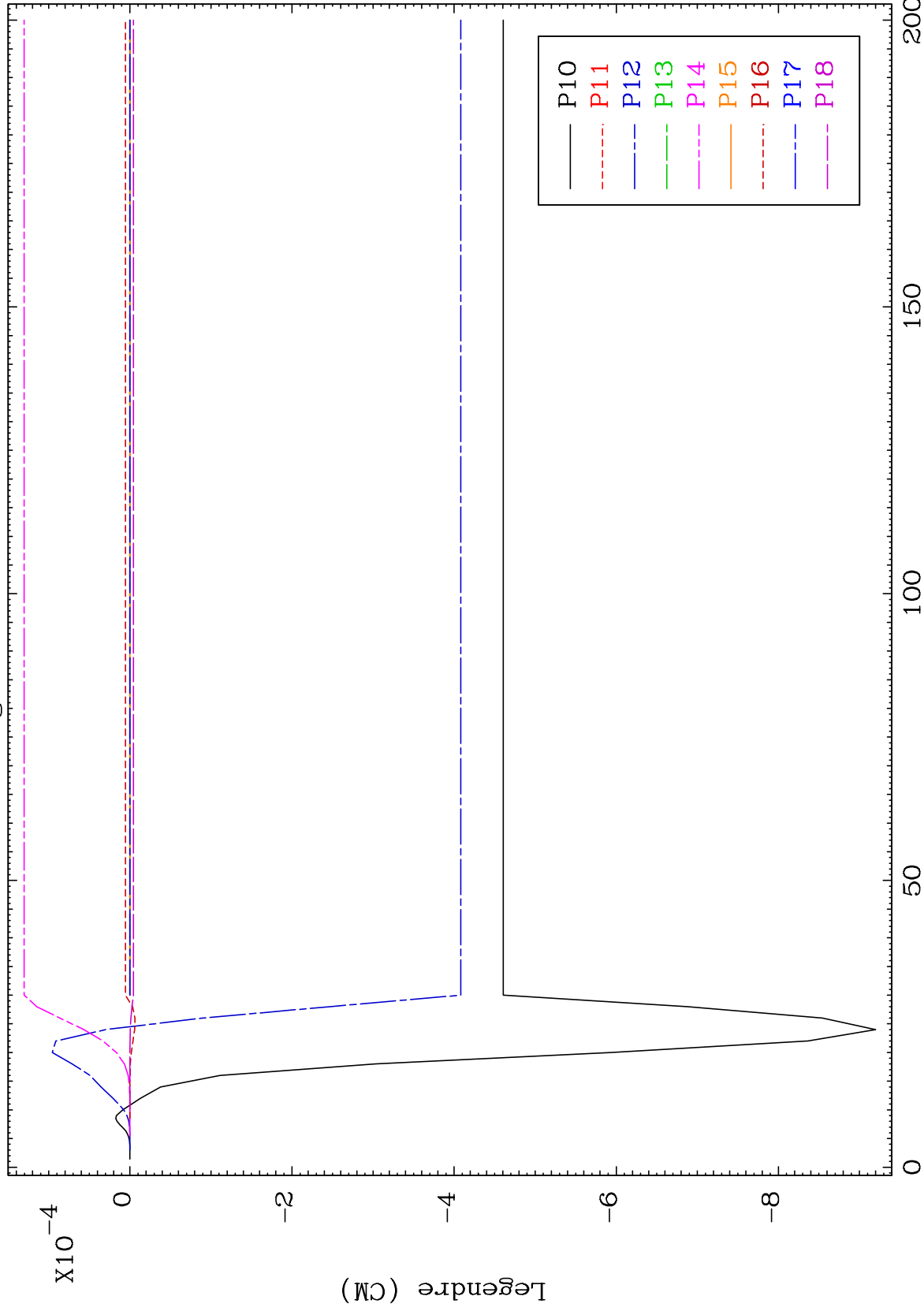
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



50

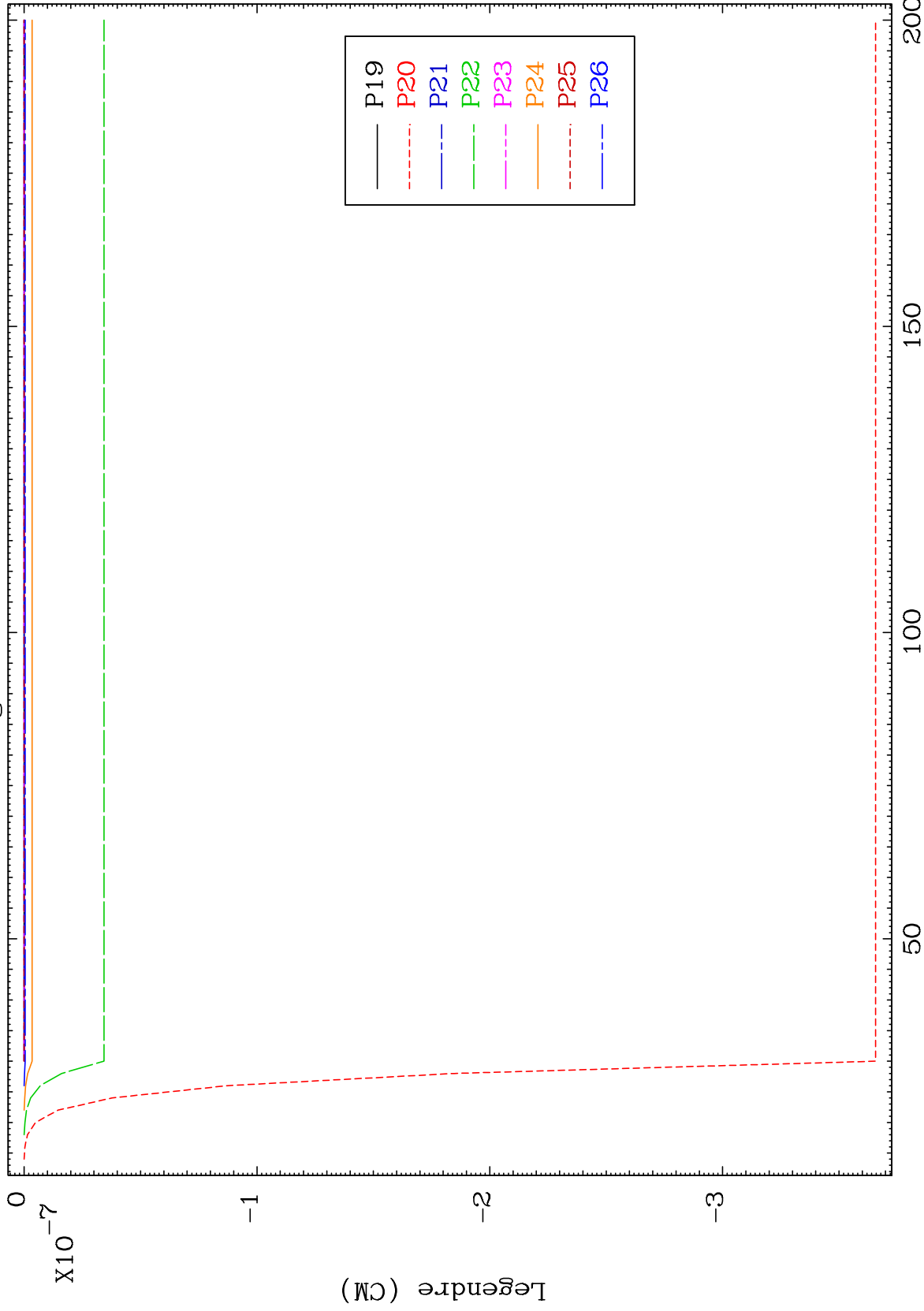
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



51

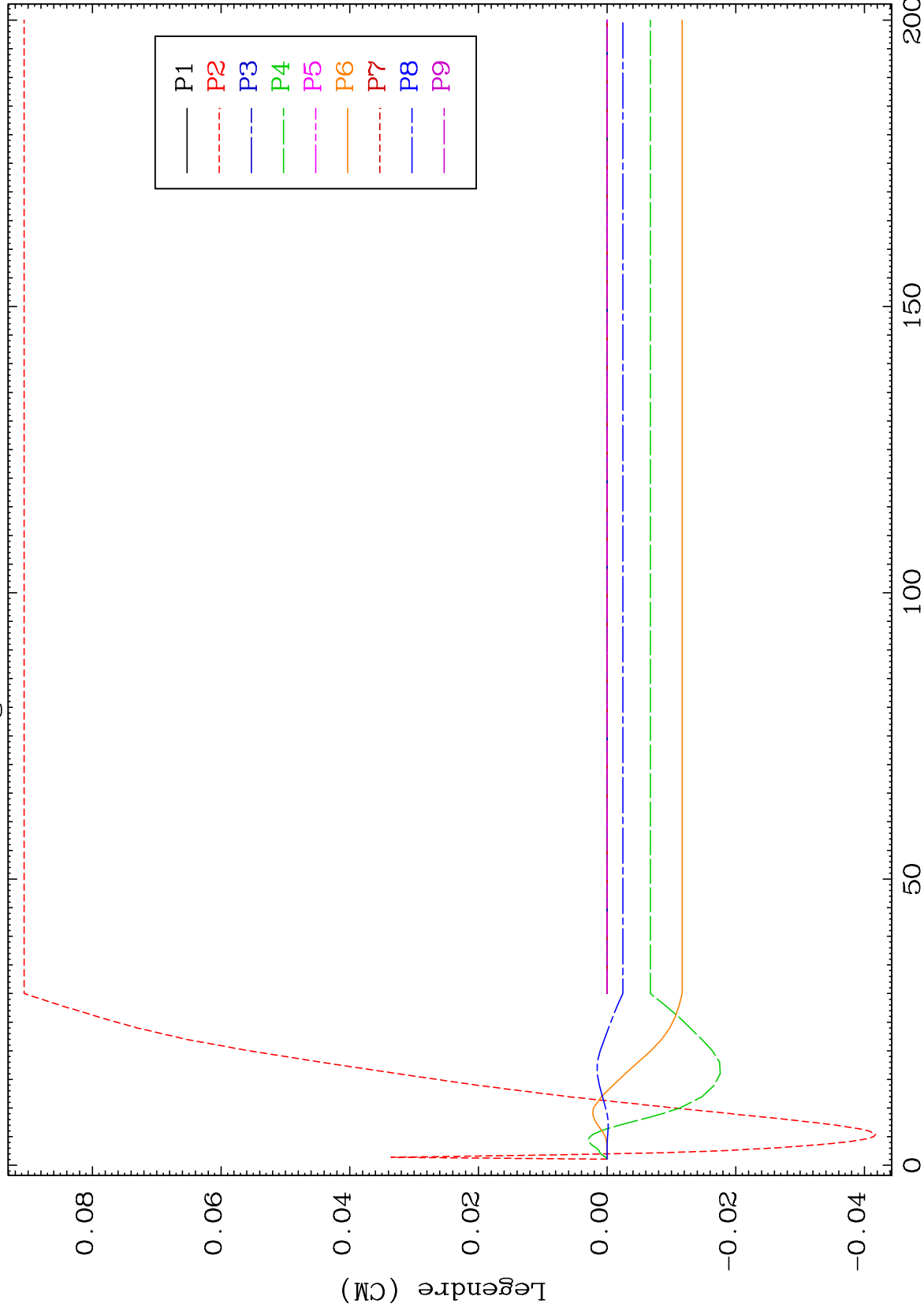
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



52

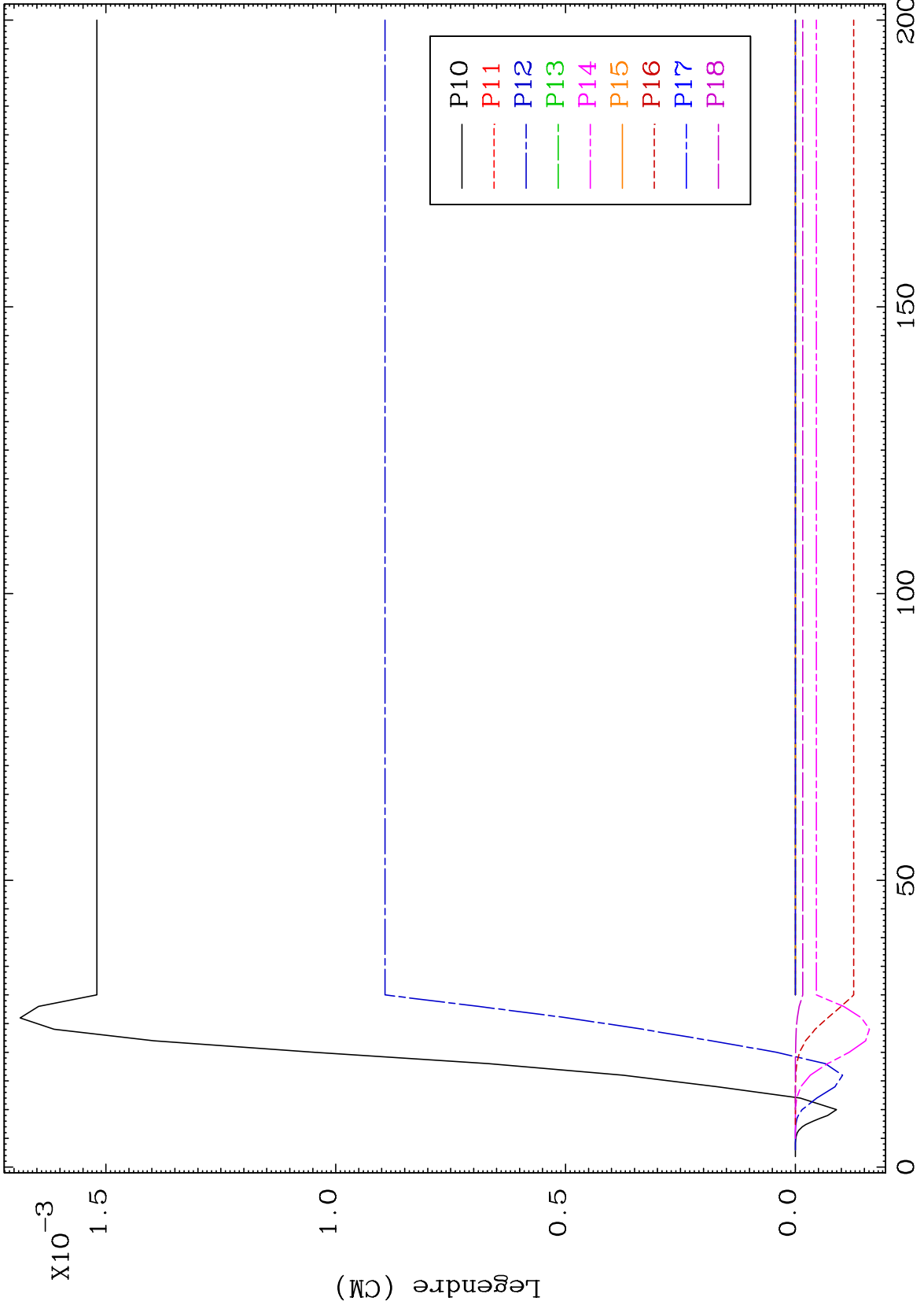
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



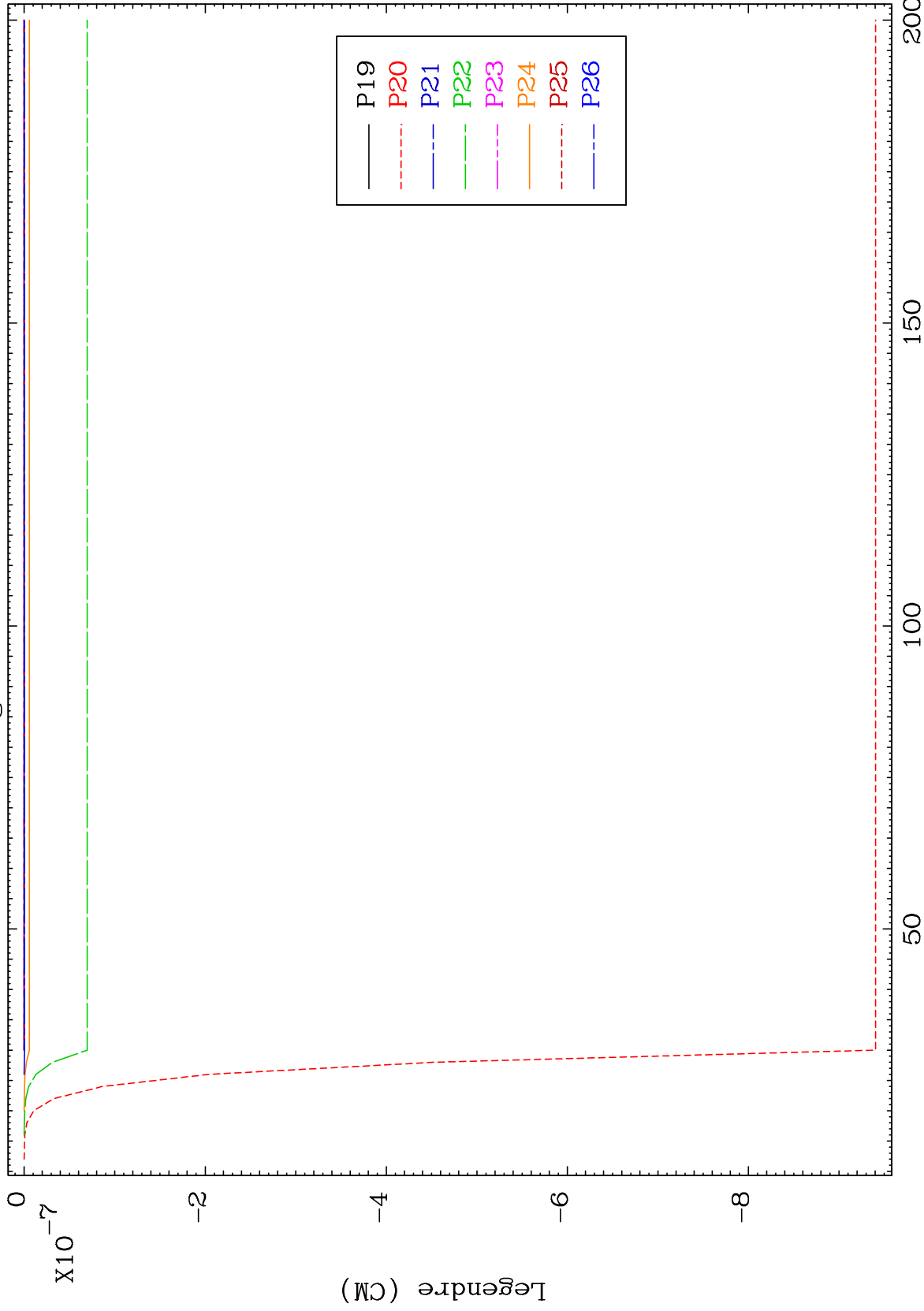
53

47-Ag-107

MAT 4725

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

47-Ag-107



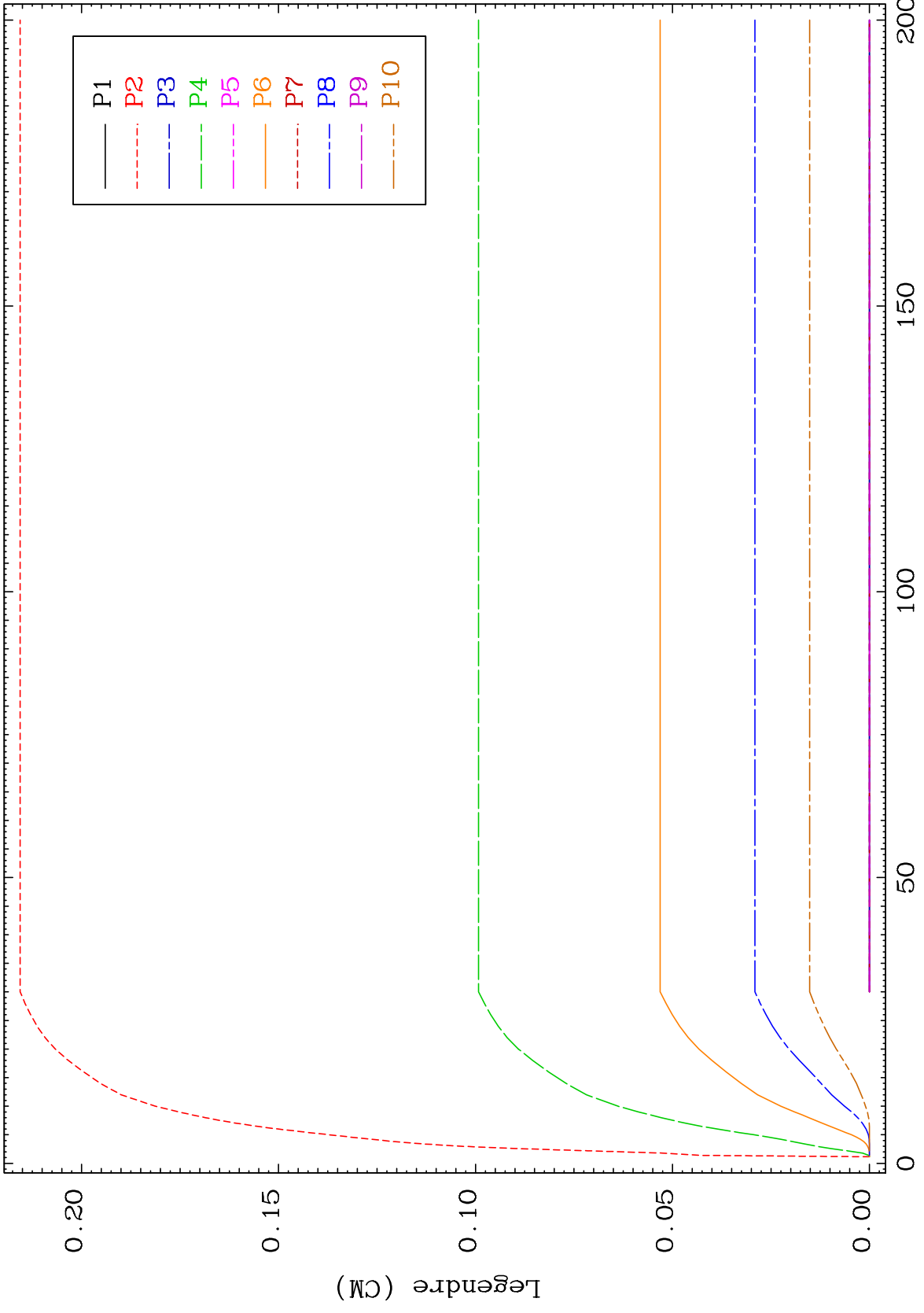
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47-Ag-107

MAT 4725

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

47-Ag-107



55

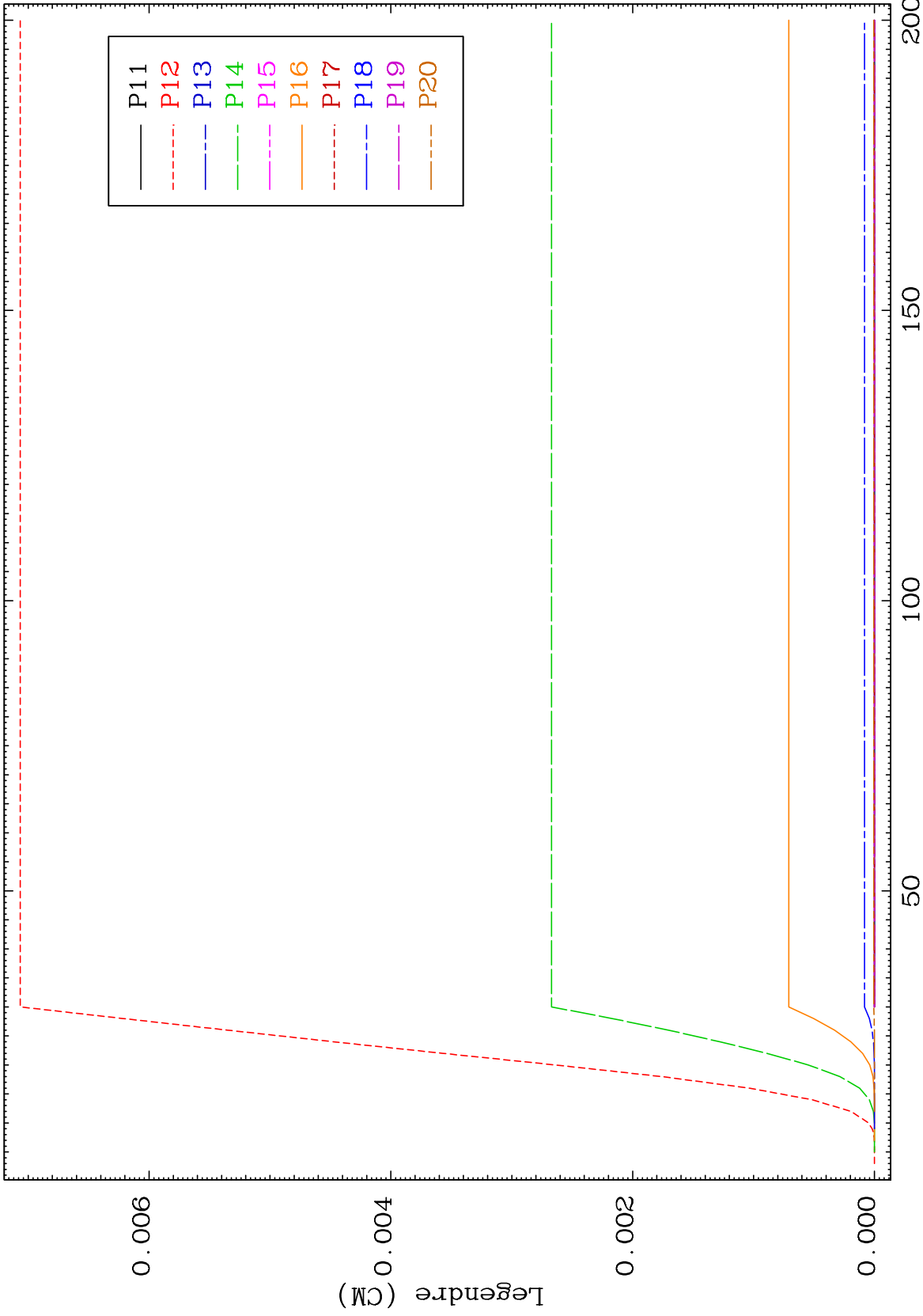
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



56

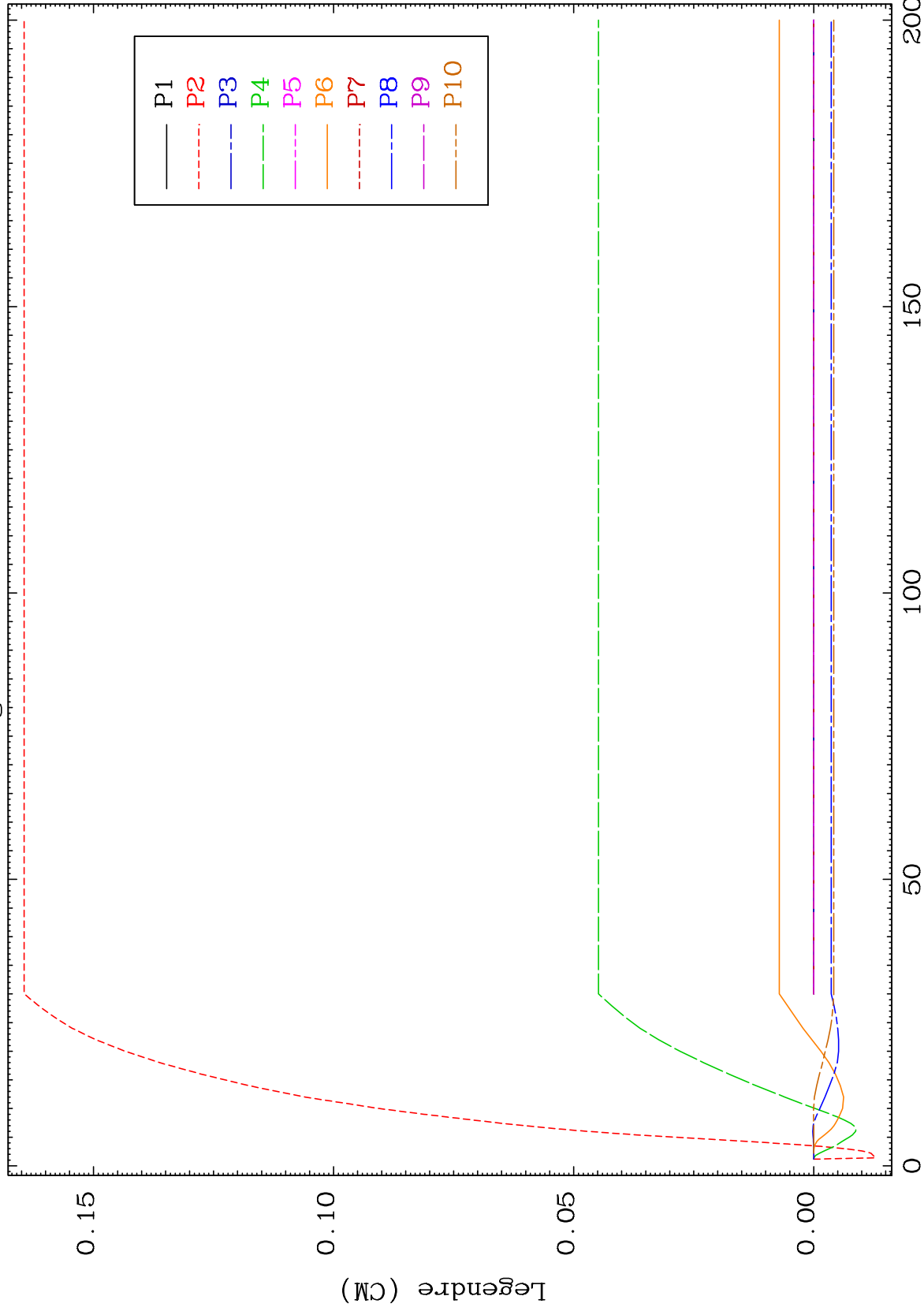
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



58

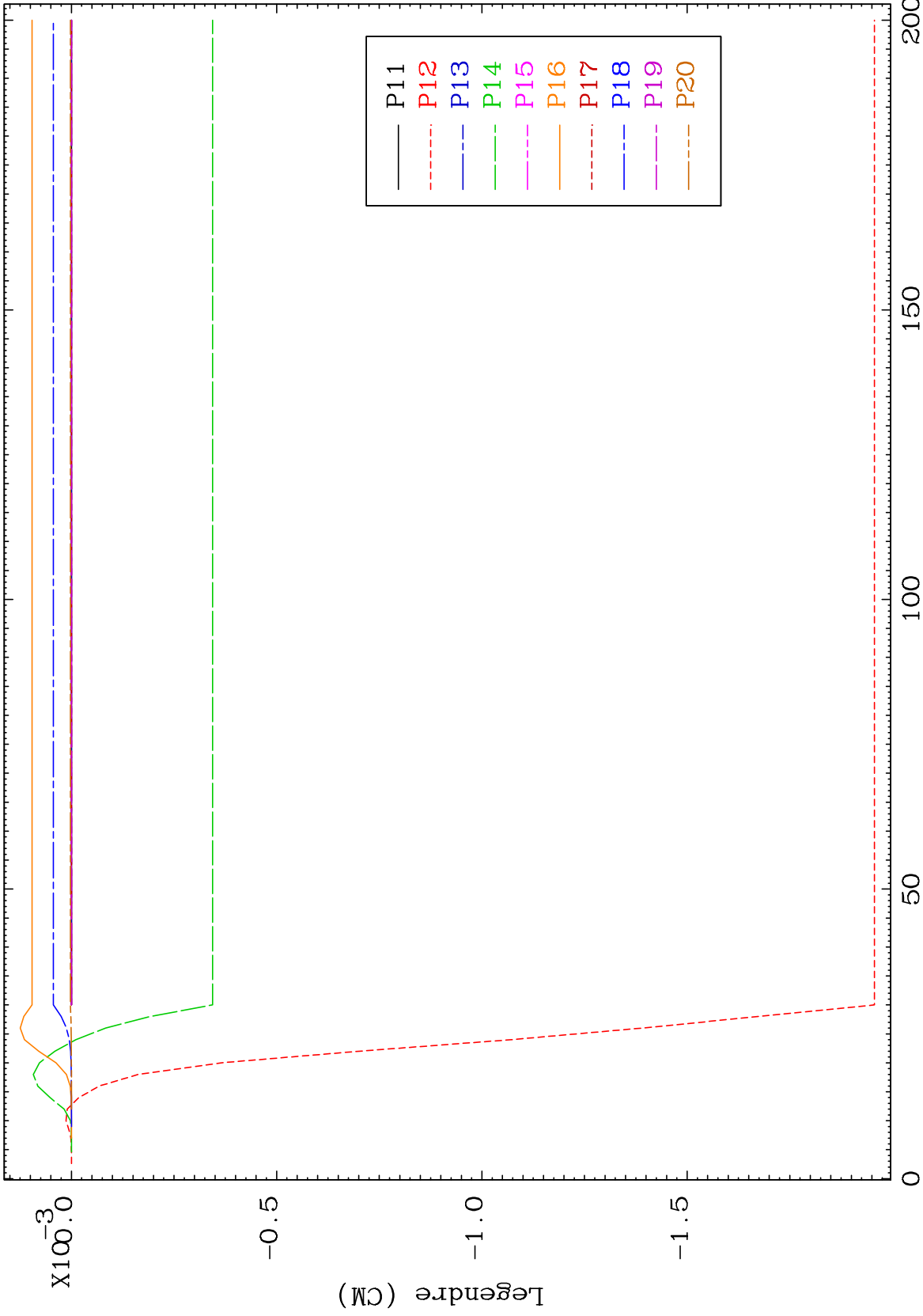
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



59

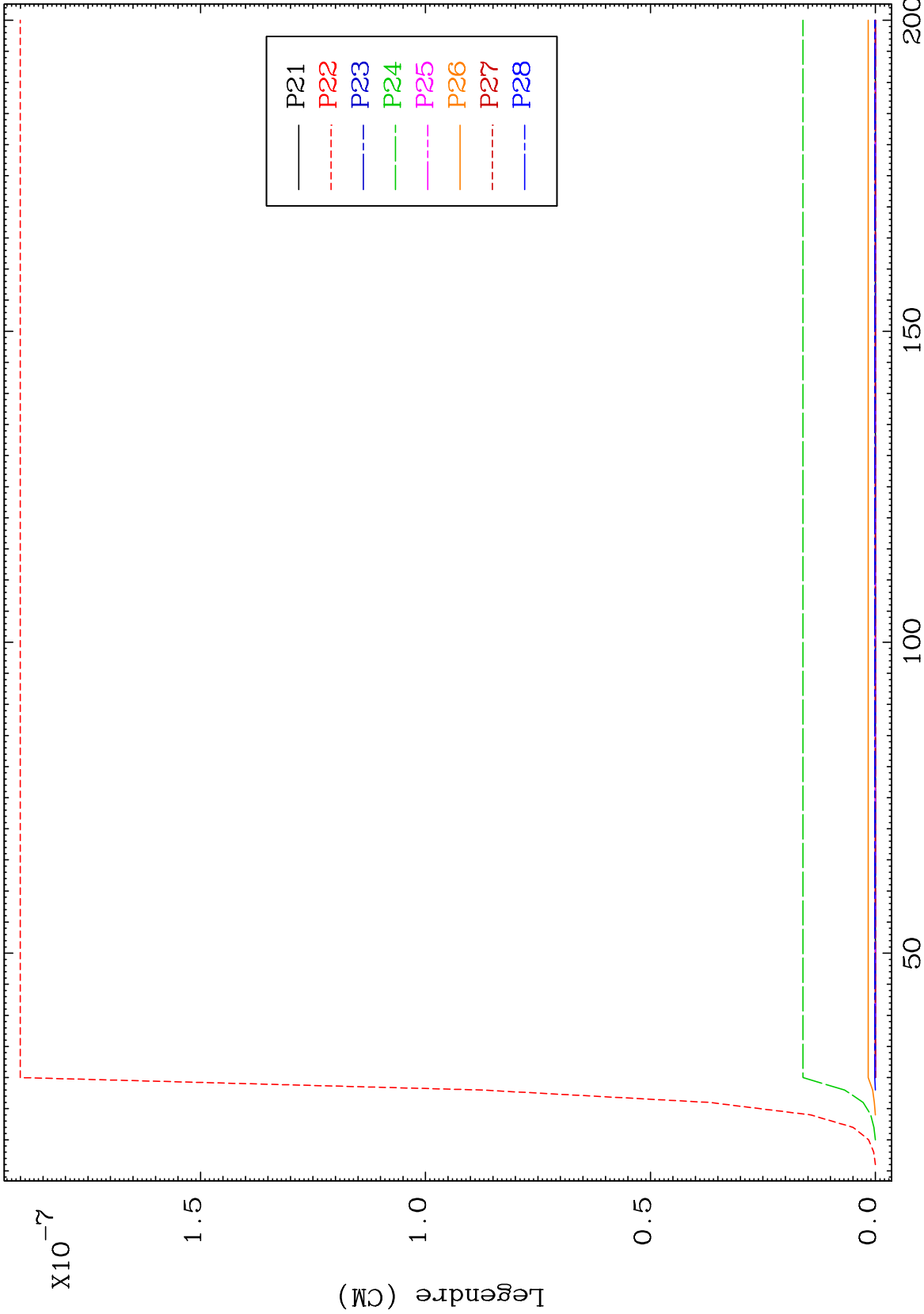
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



60

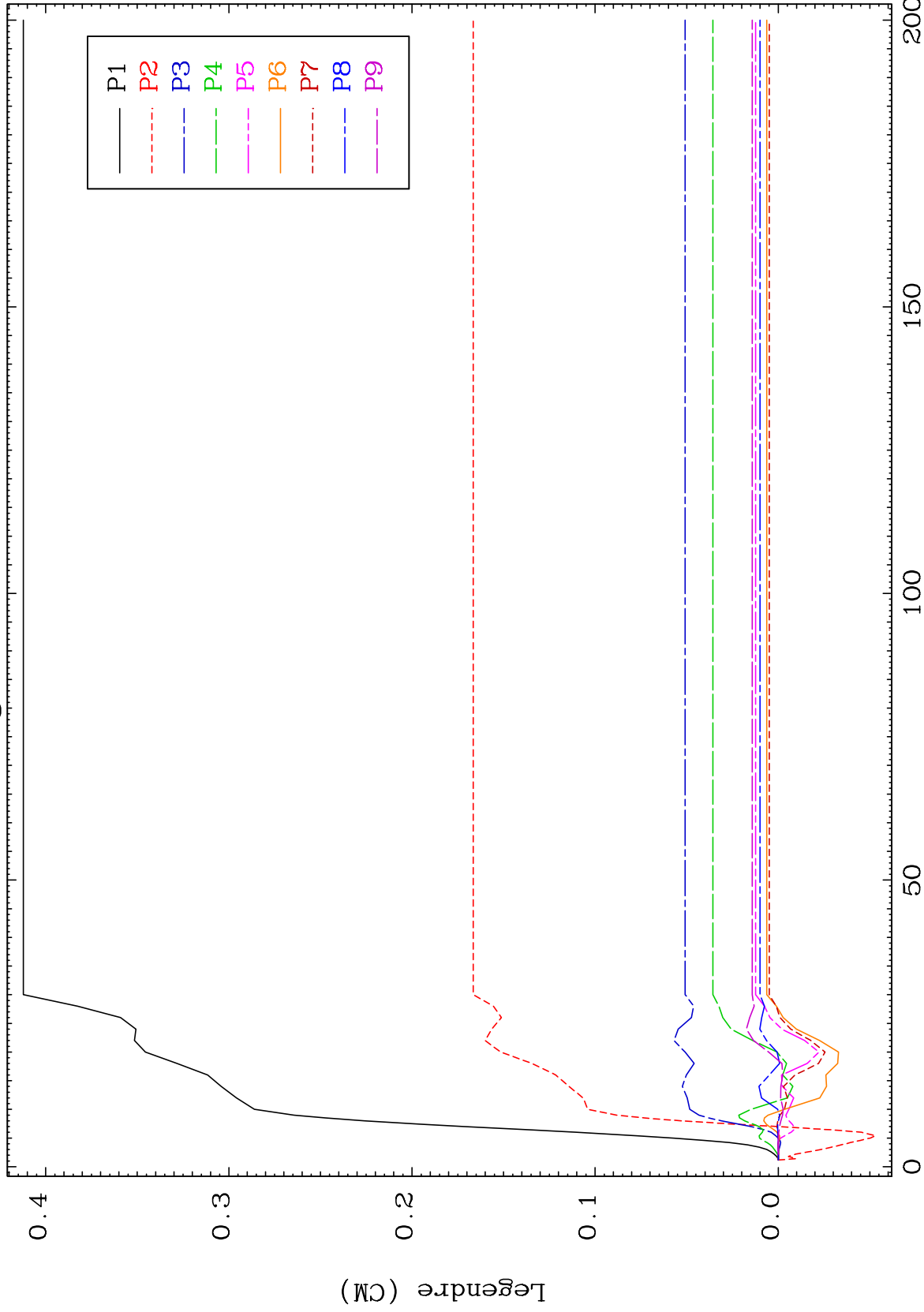
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



61

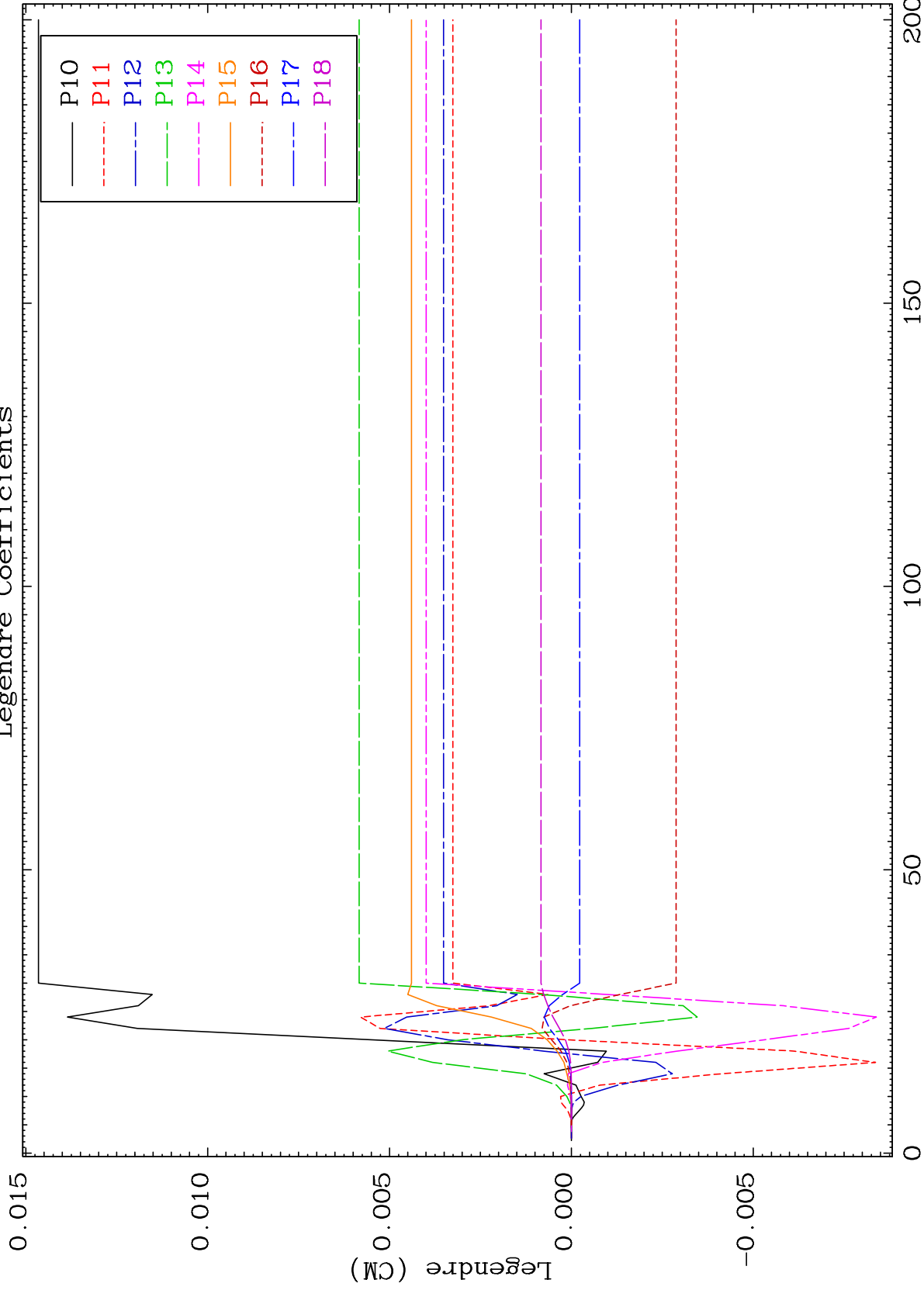
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



62

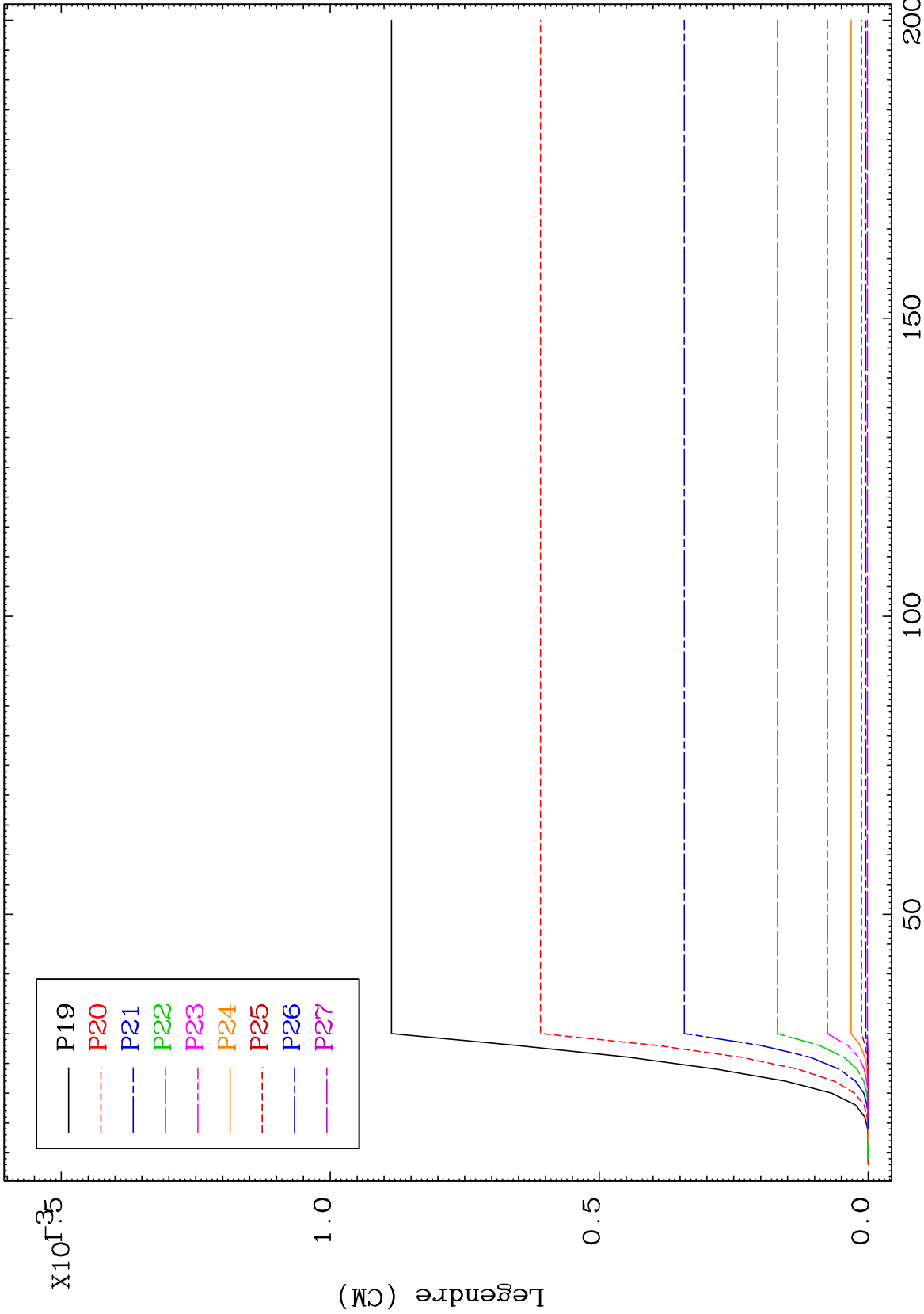
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



63

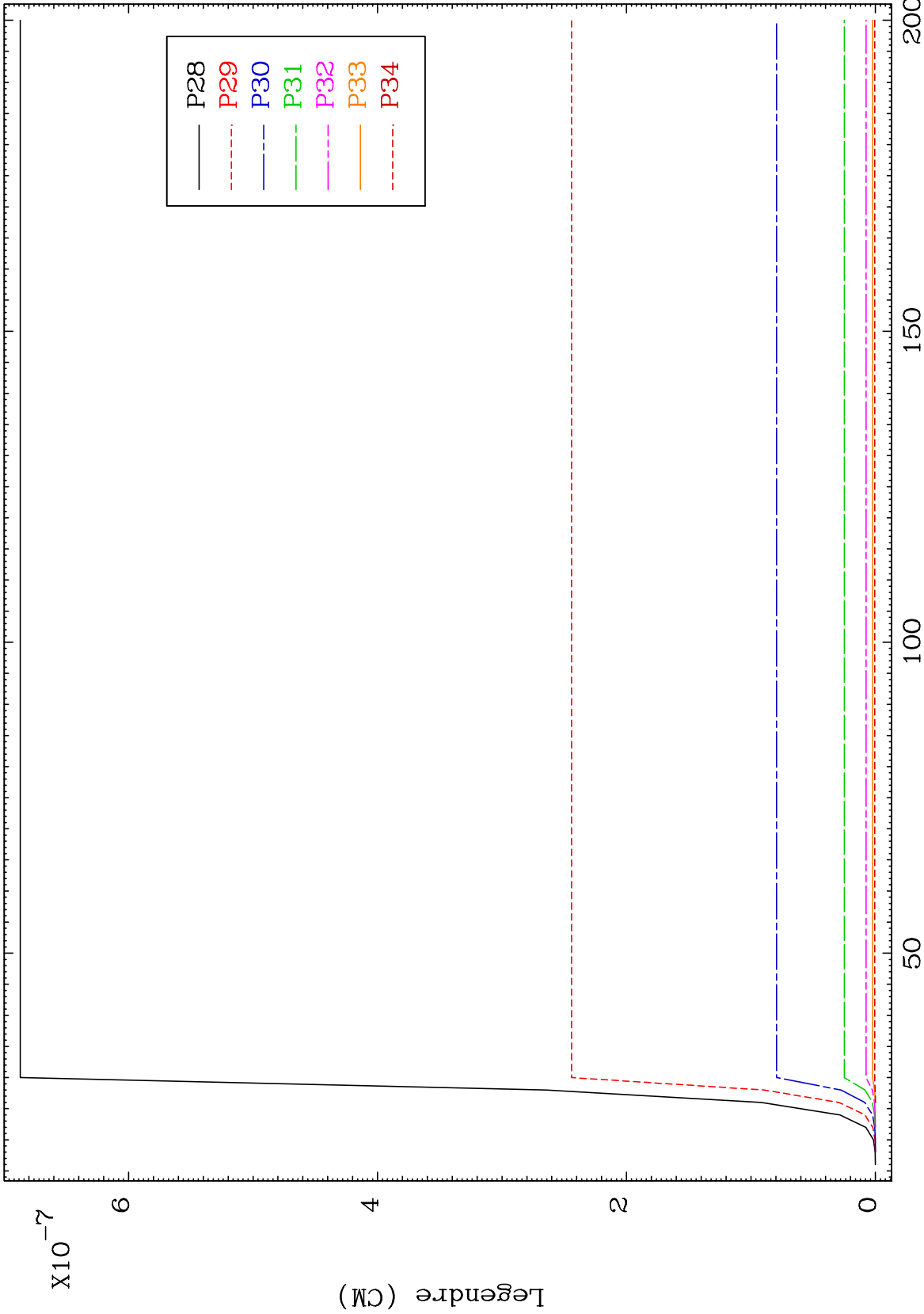
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



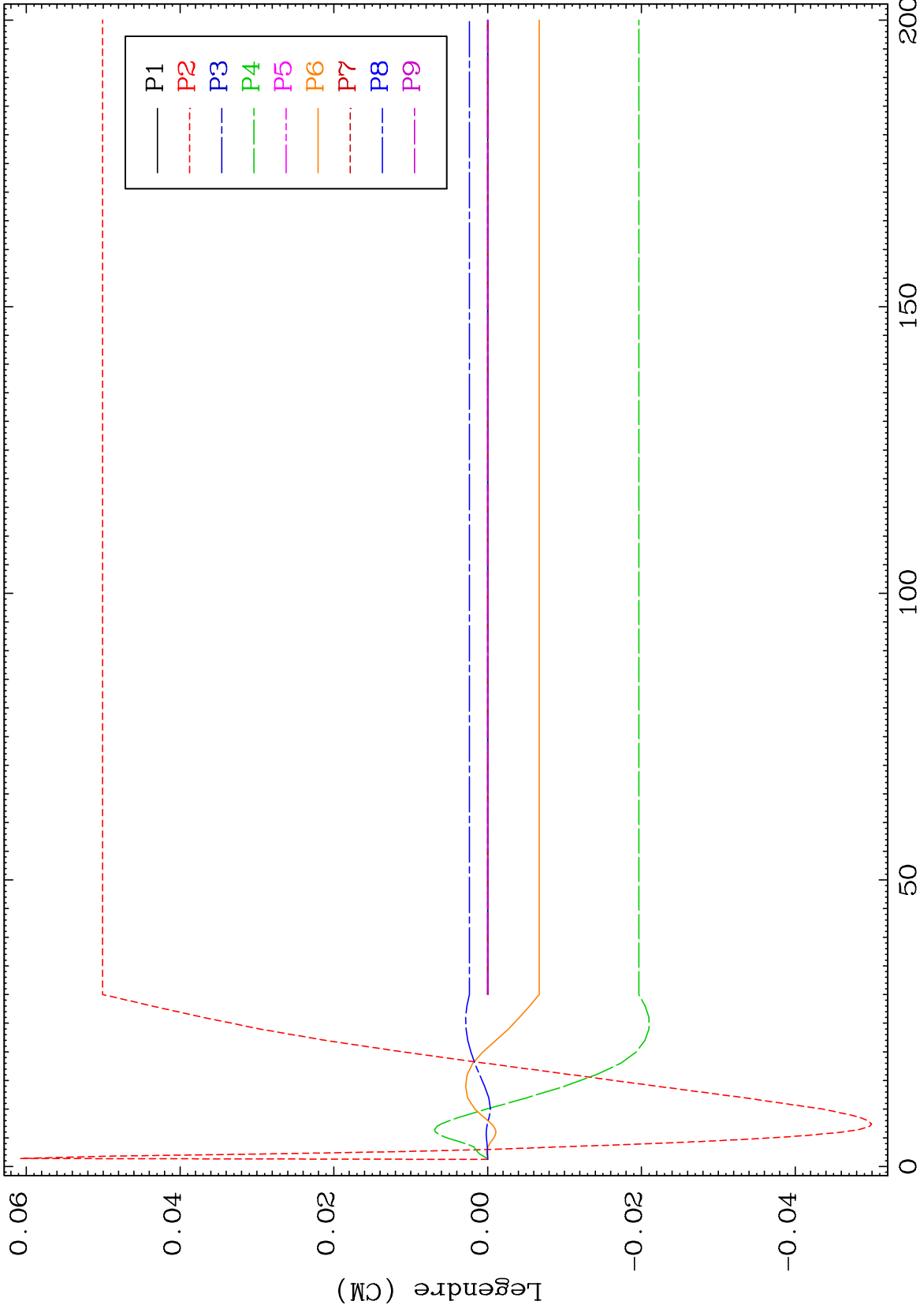
64

47-Ag-107

MAT 4725

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

47-Ag-107



65

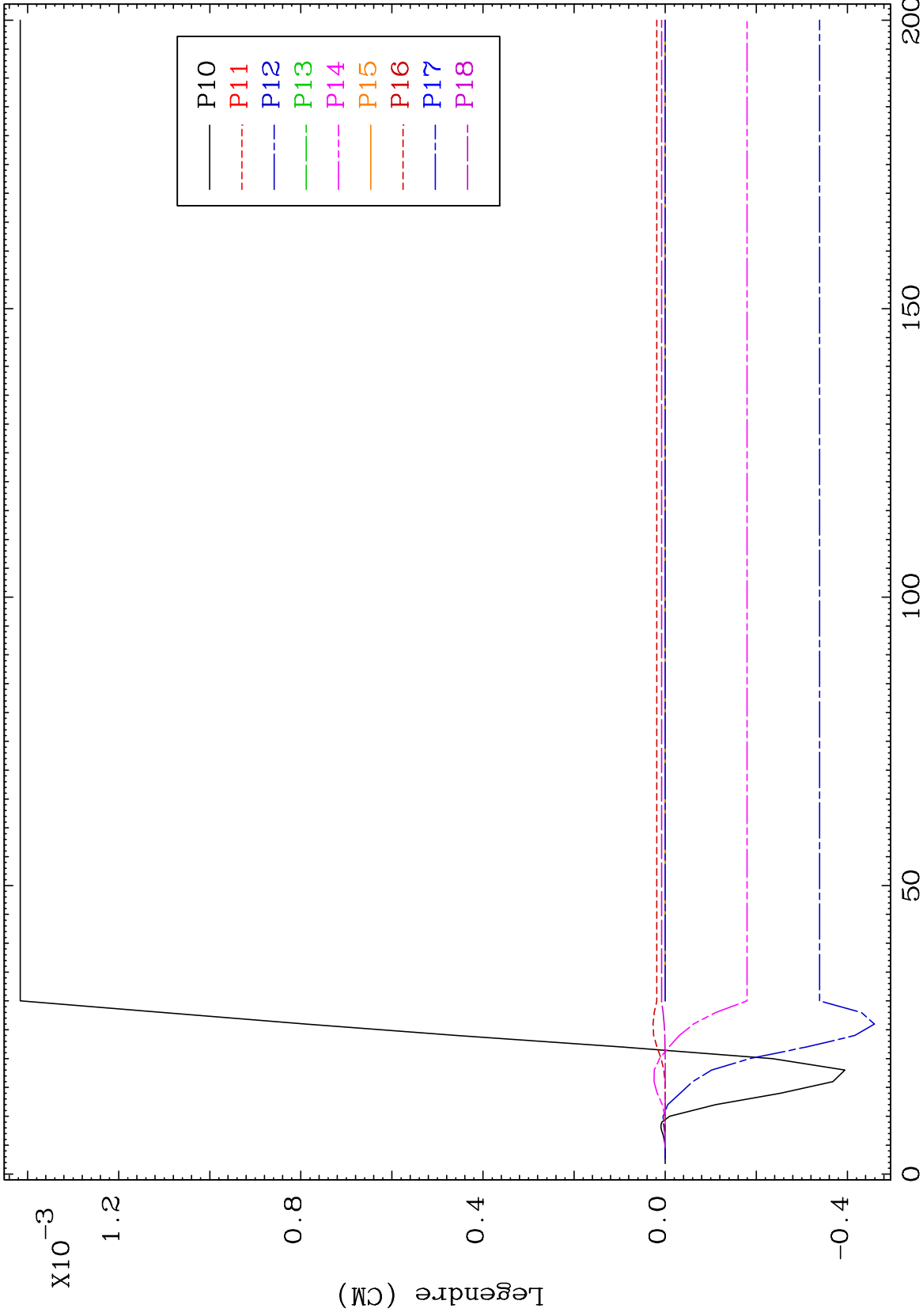
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



66

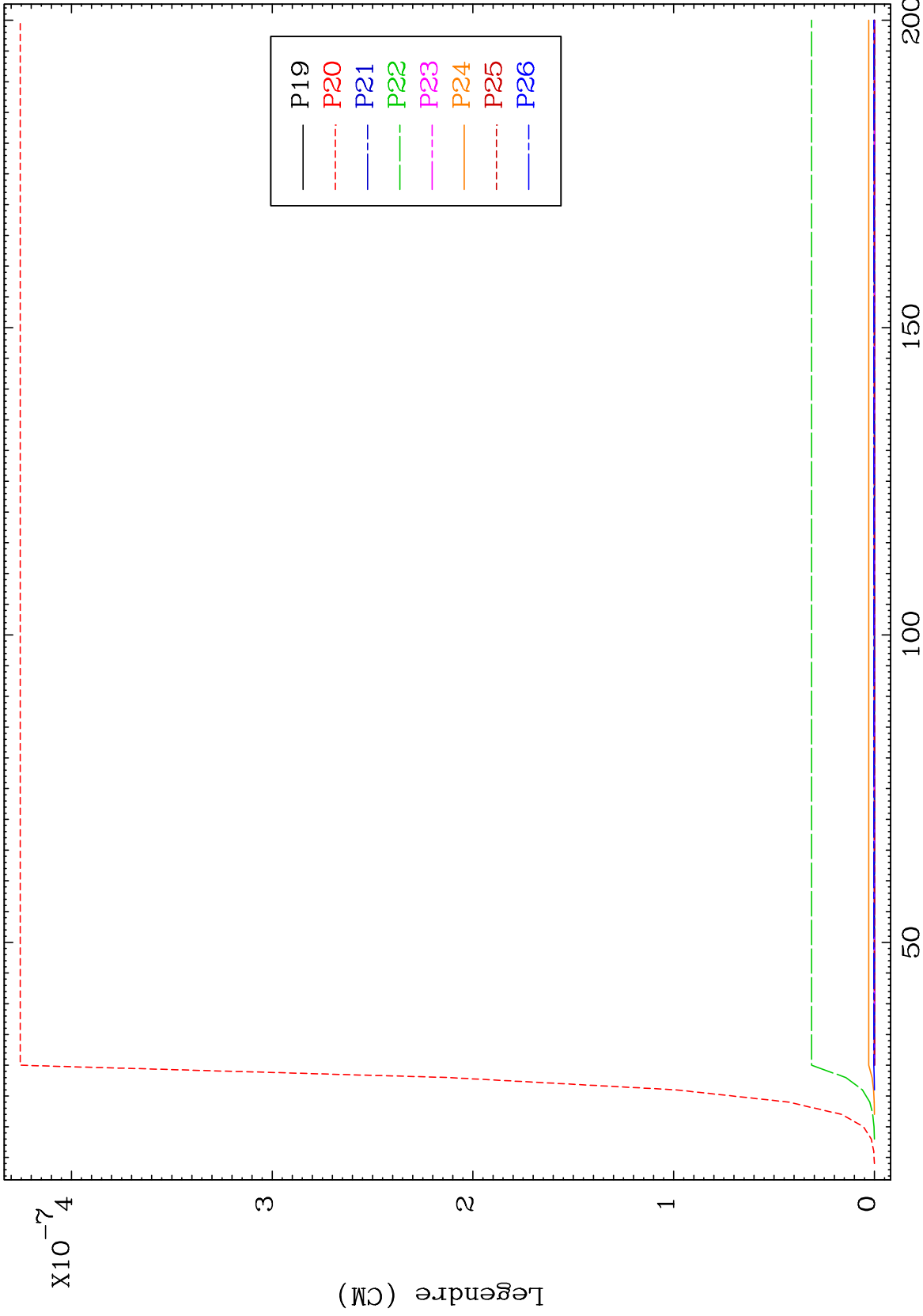
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



67

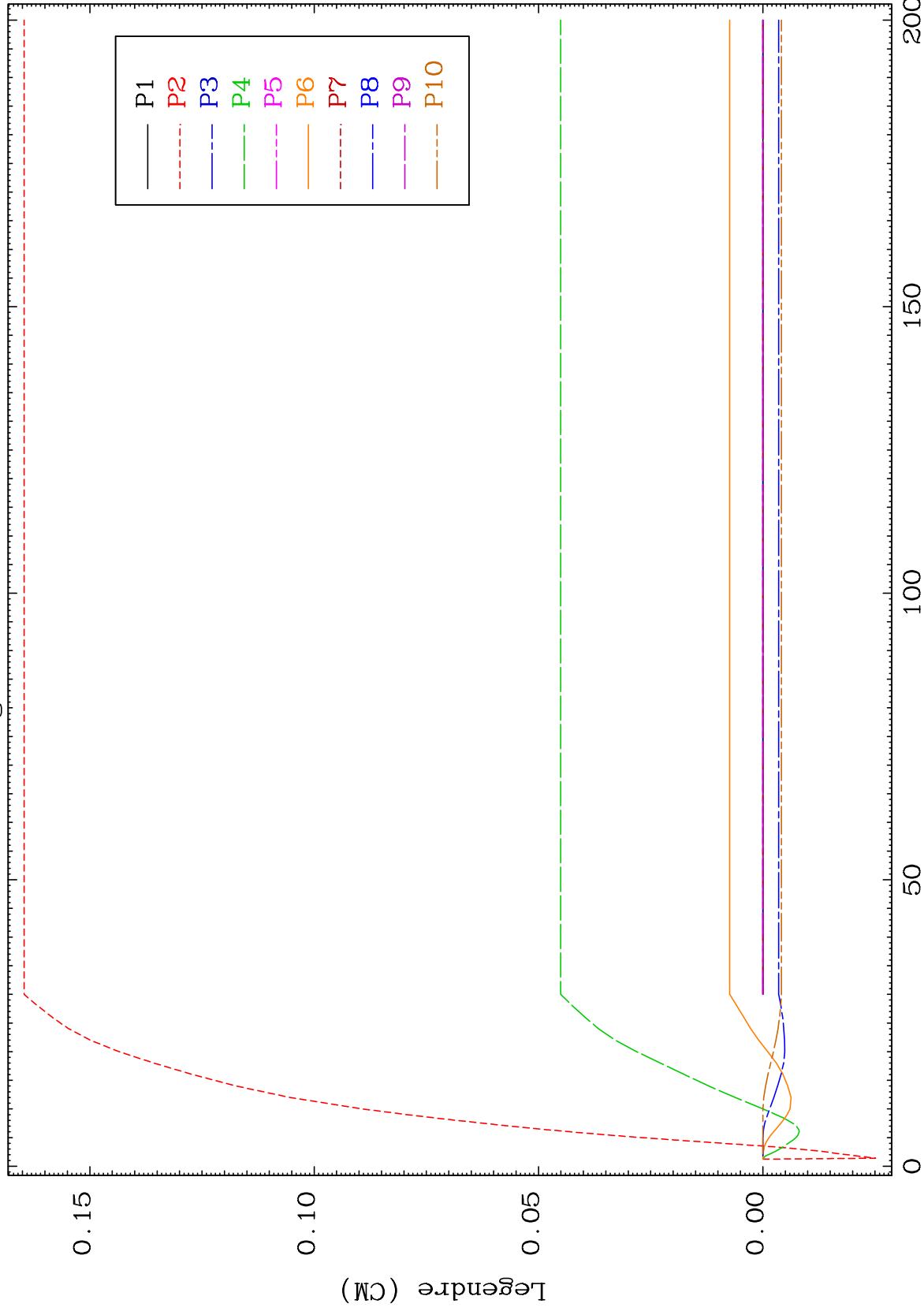
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



68

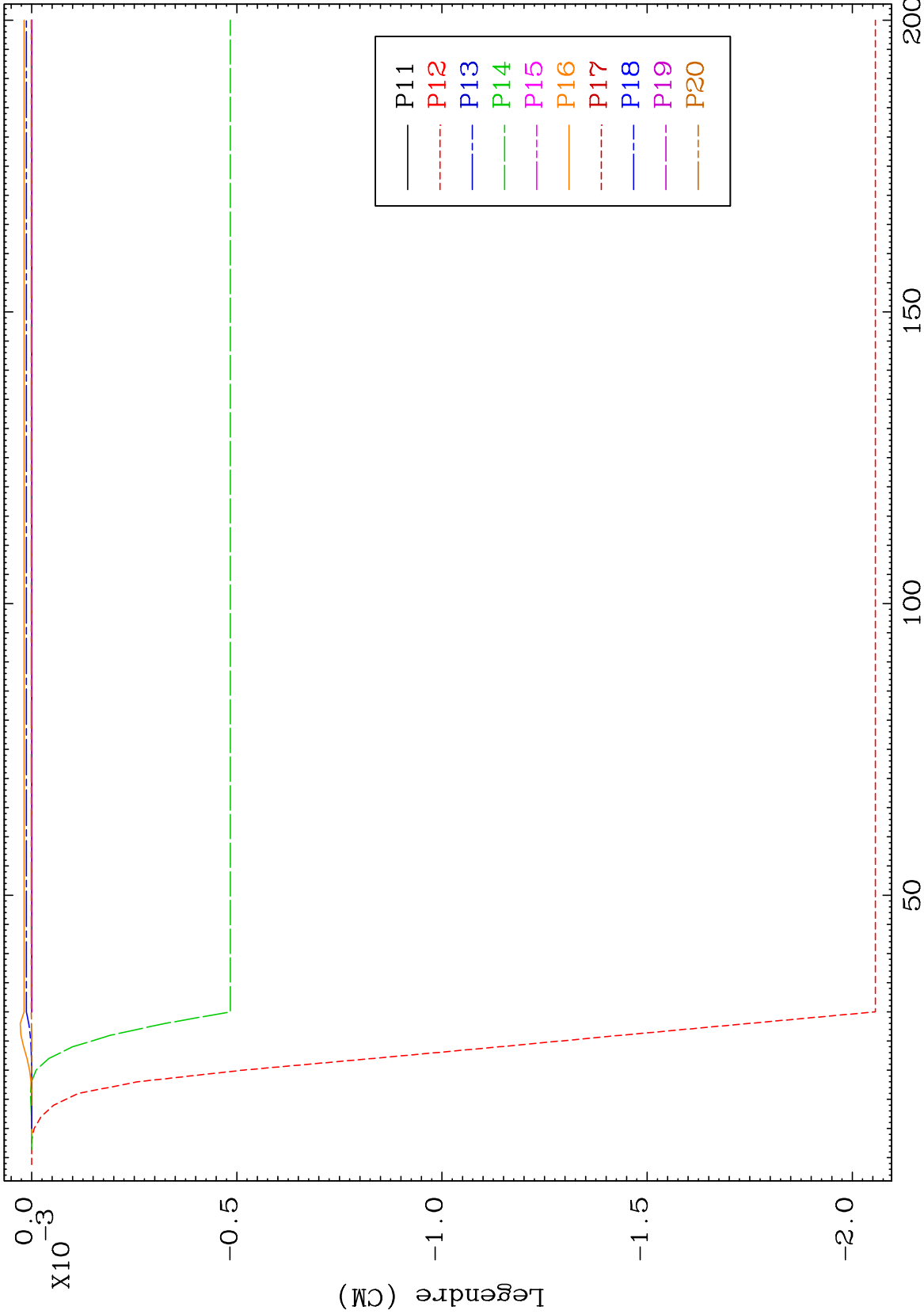
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



69

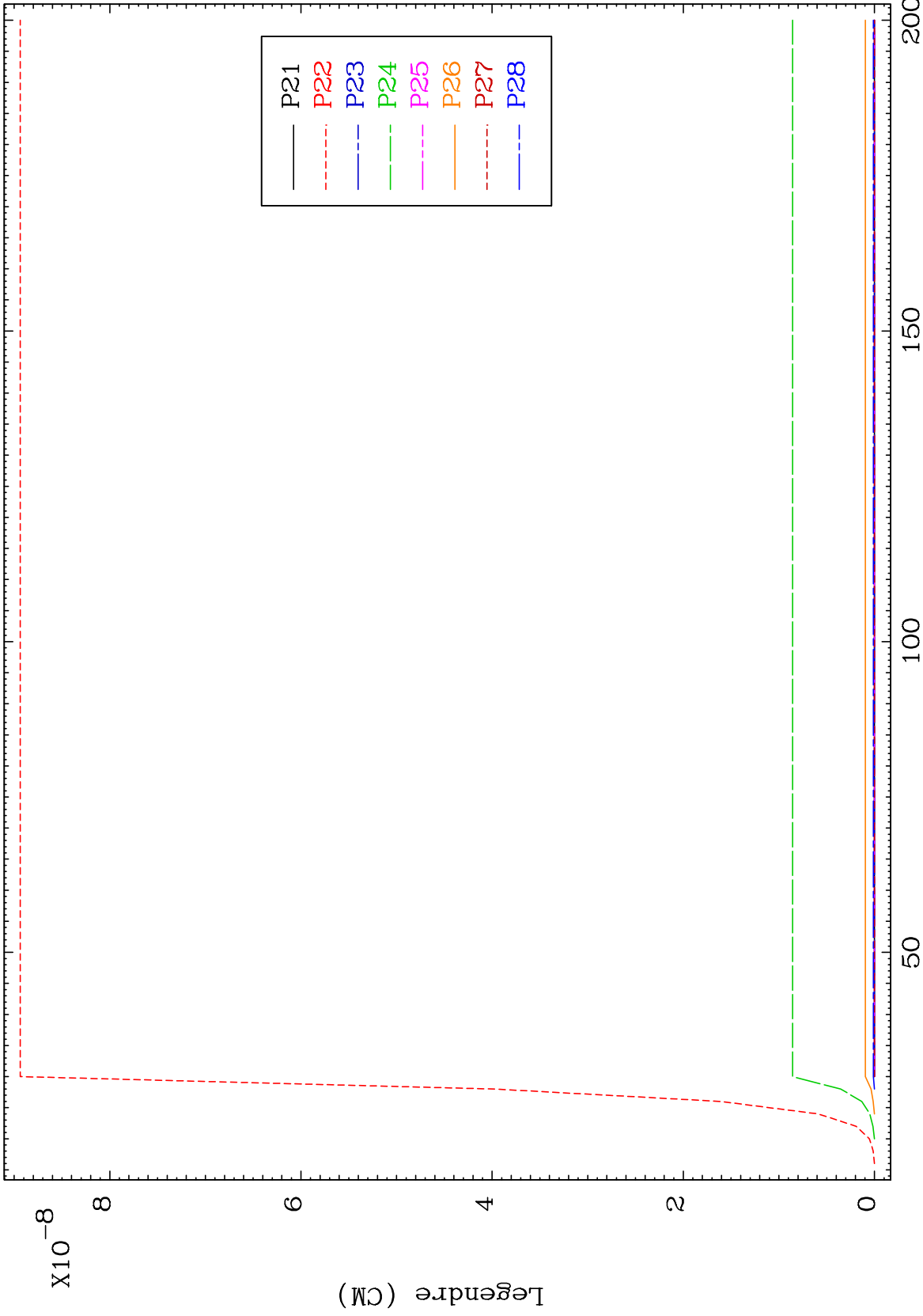
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



70

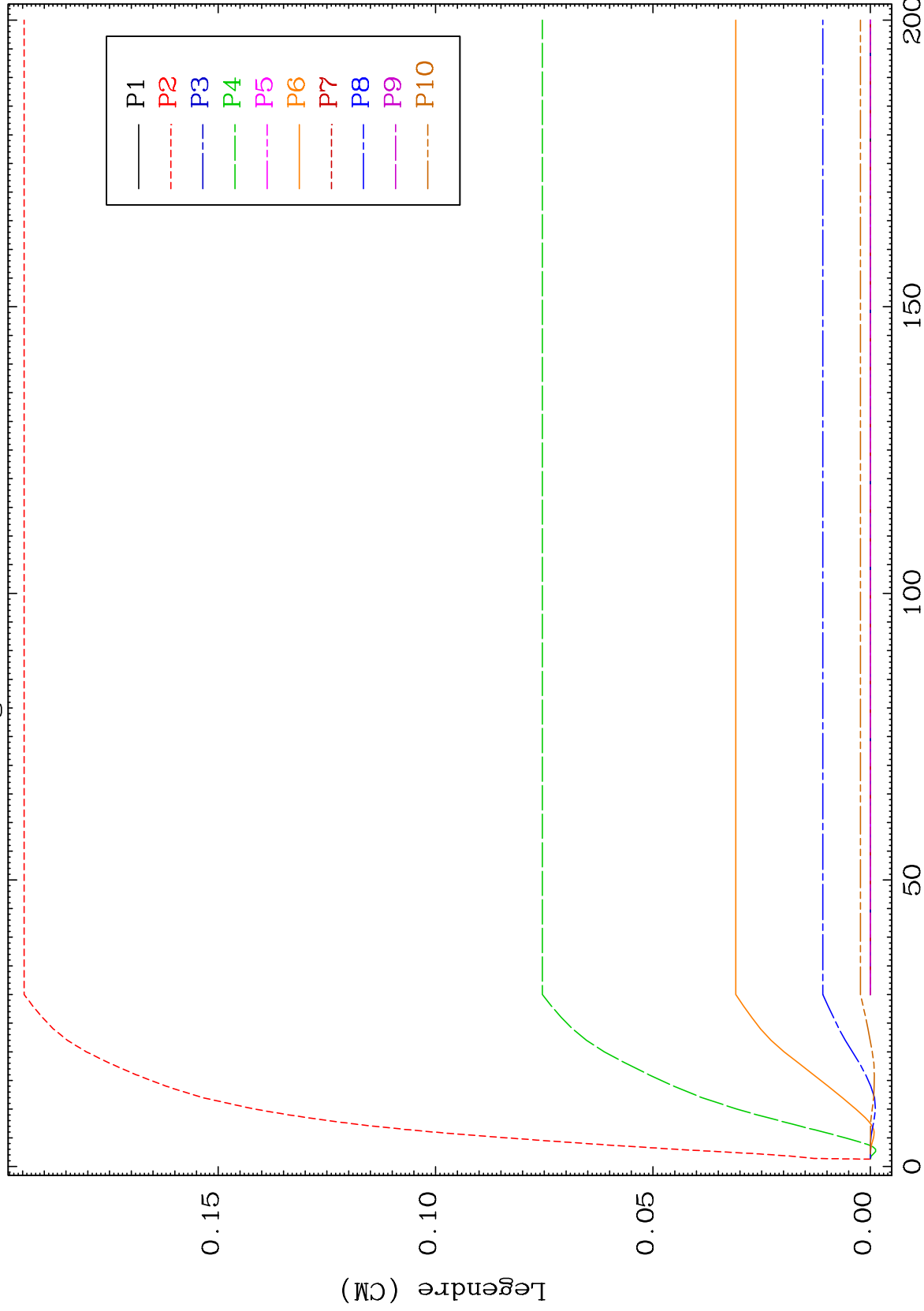
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



71

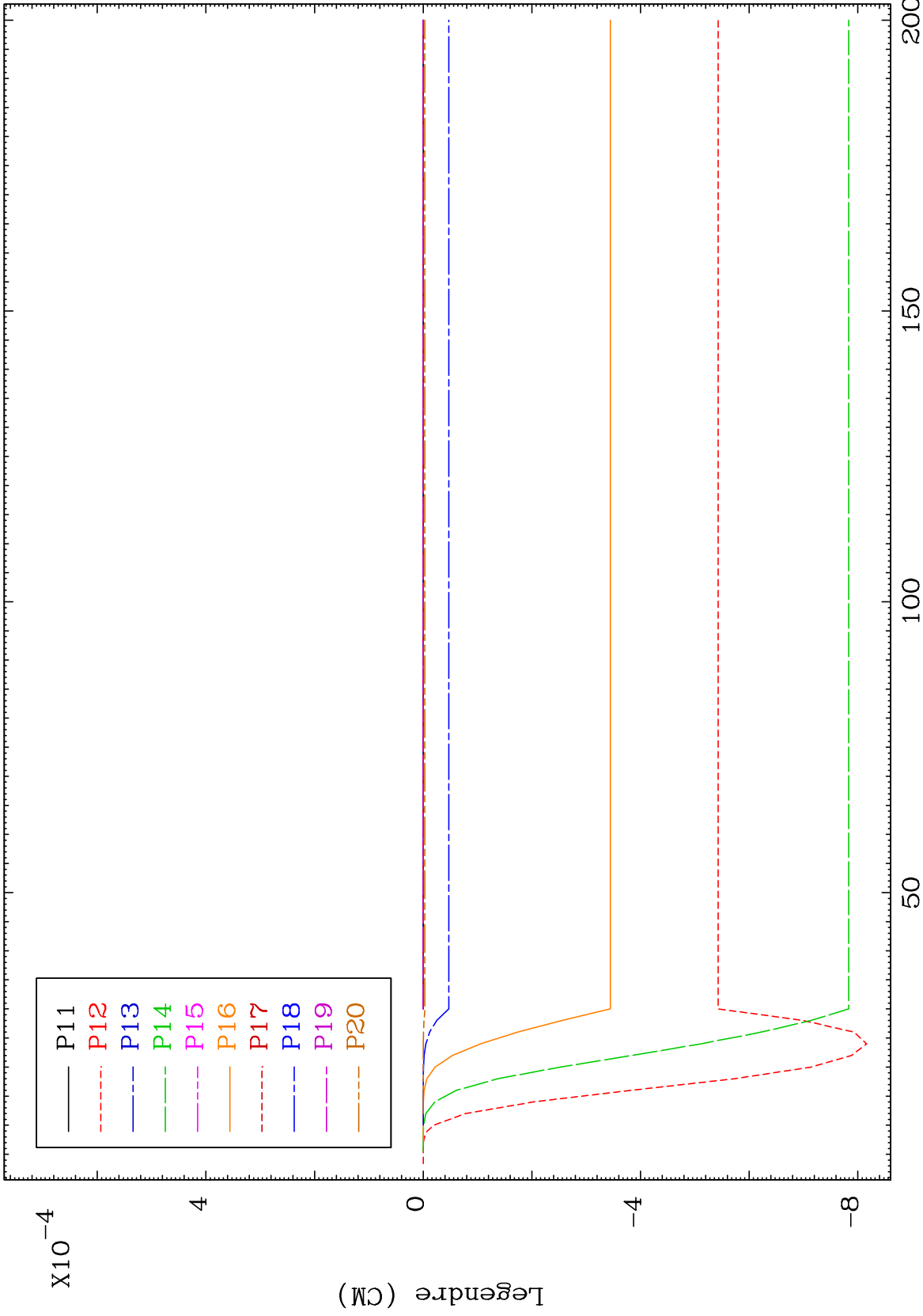
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



72

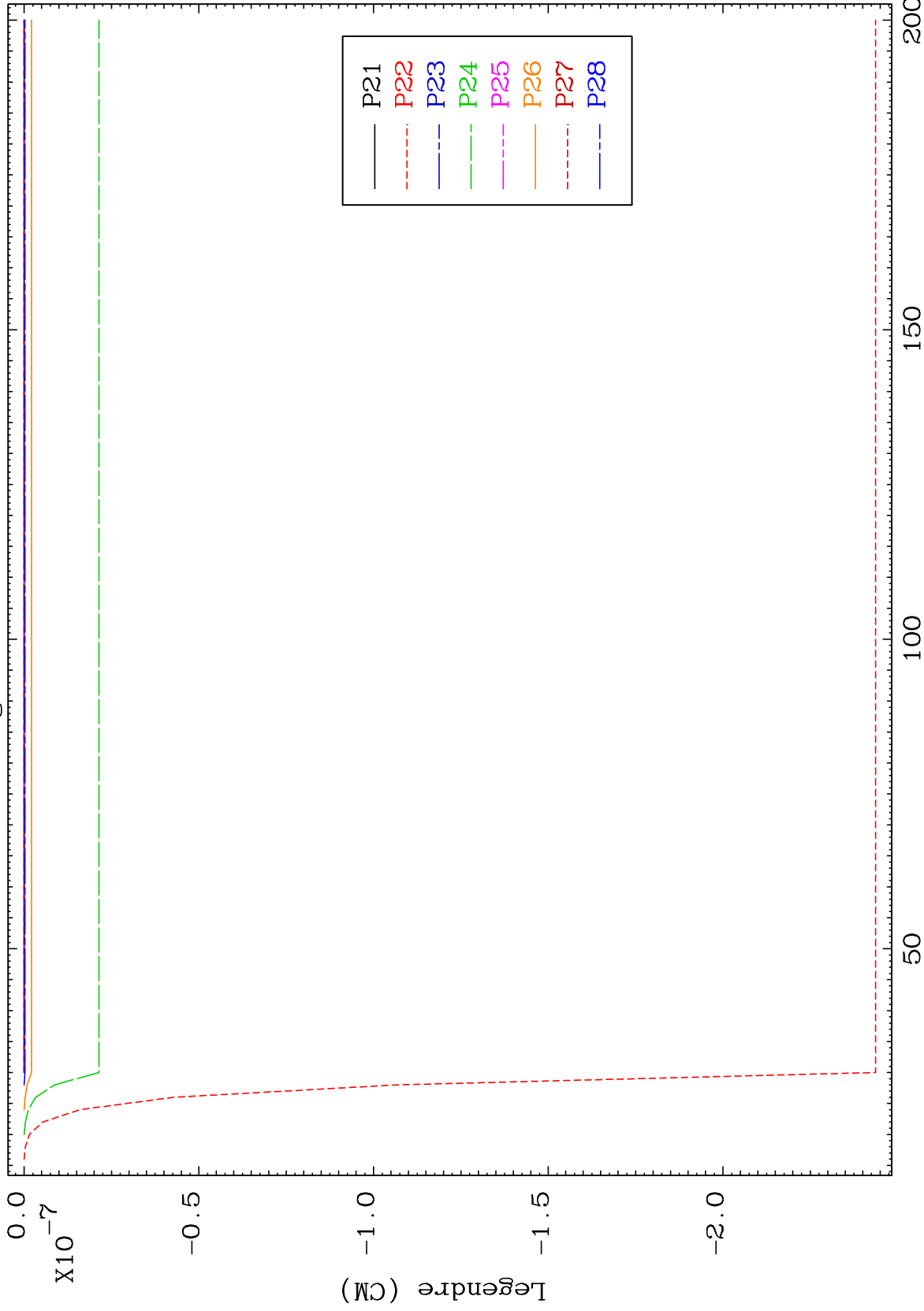
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



73

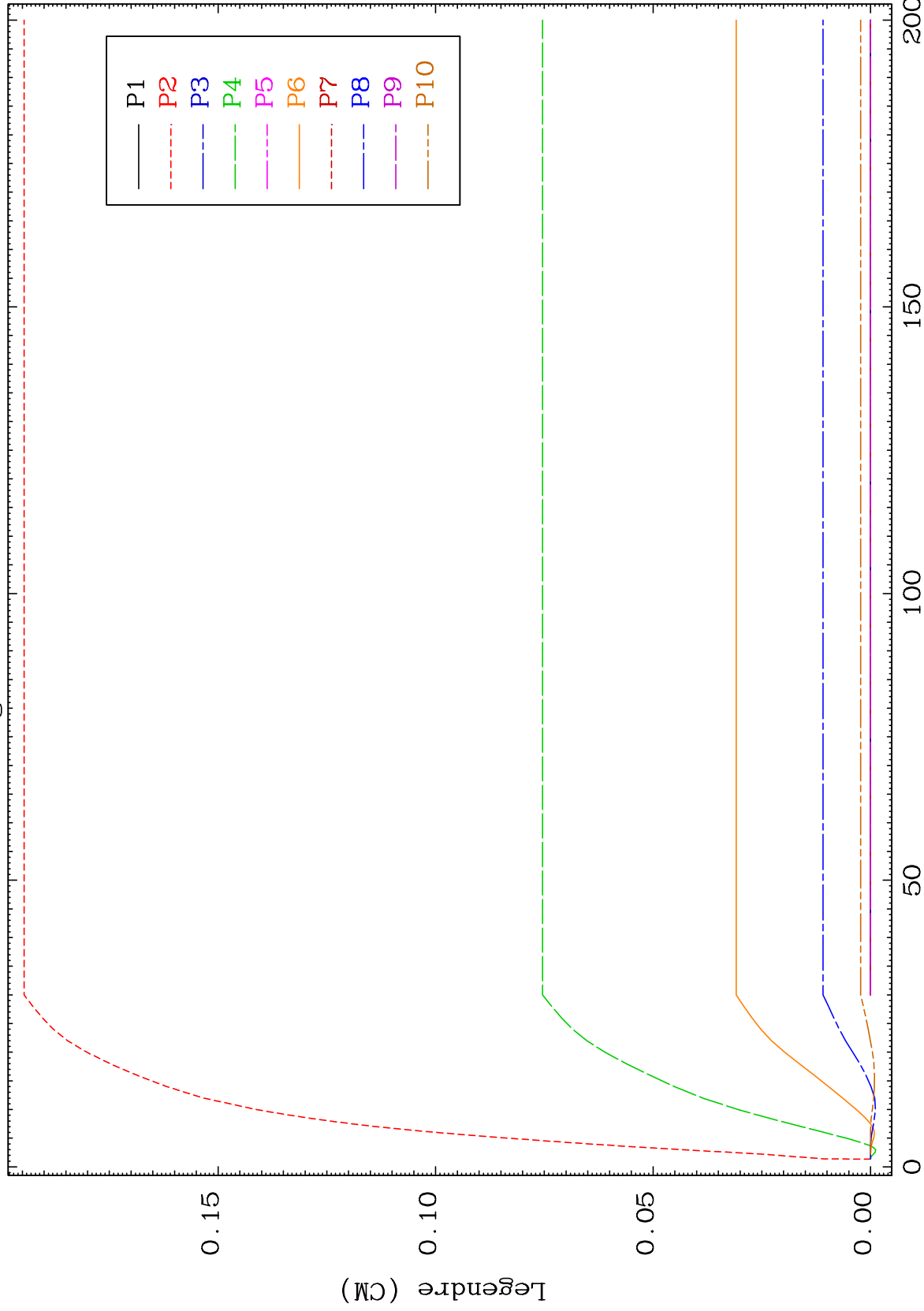
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



74

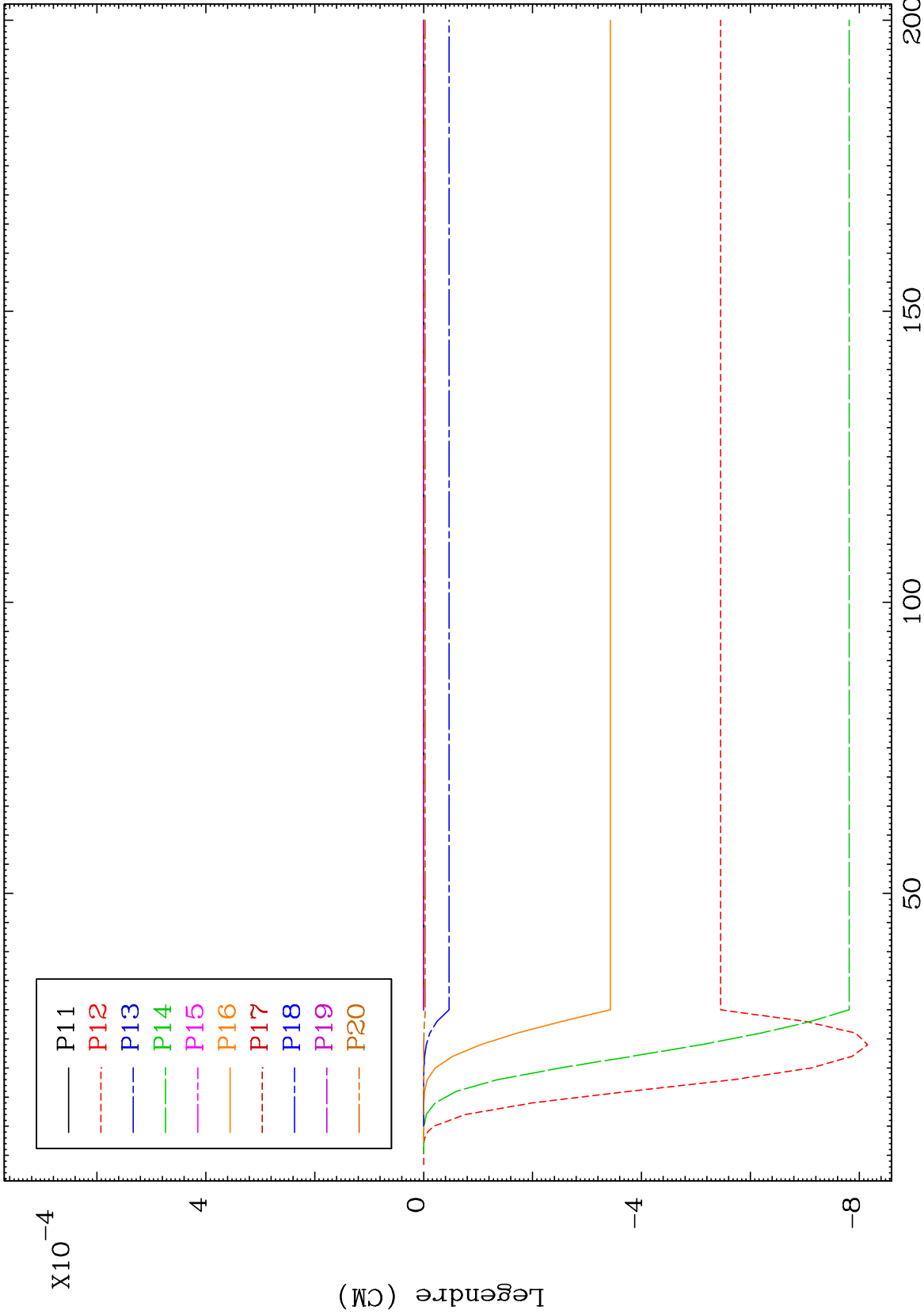
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



75

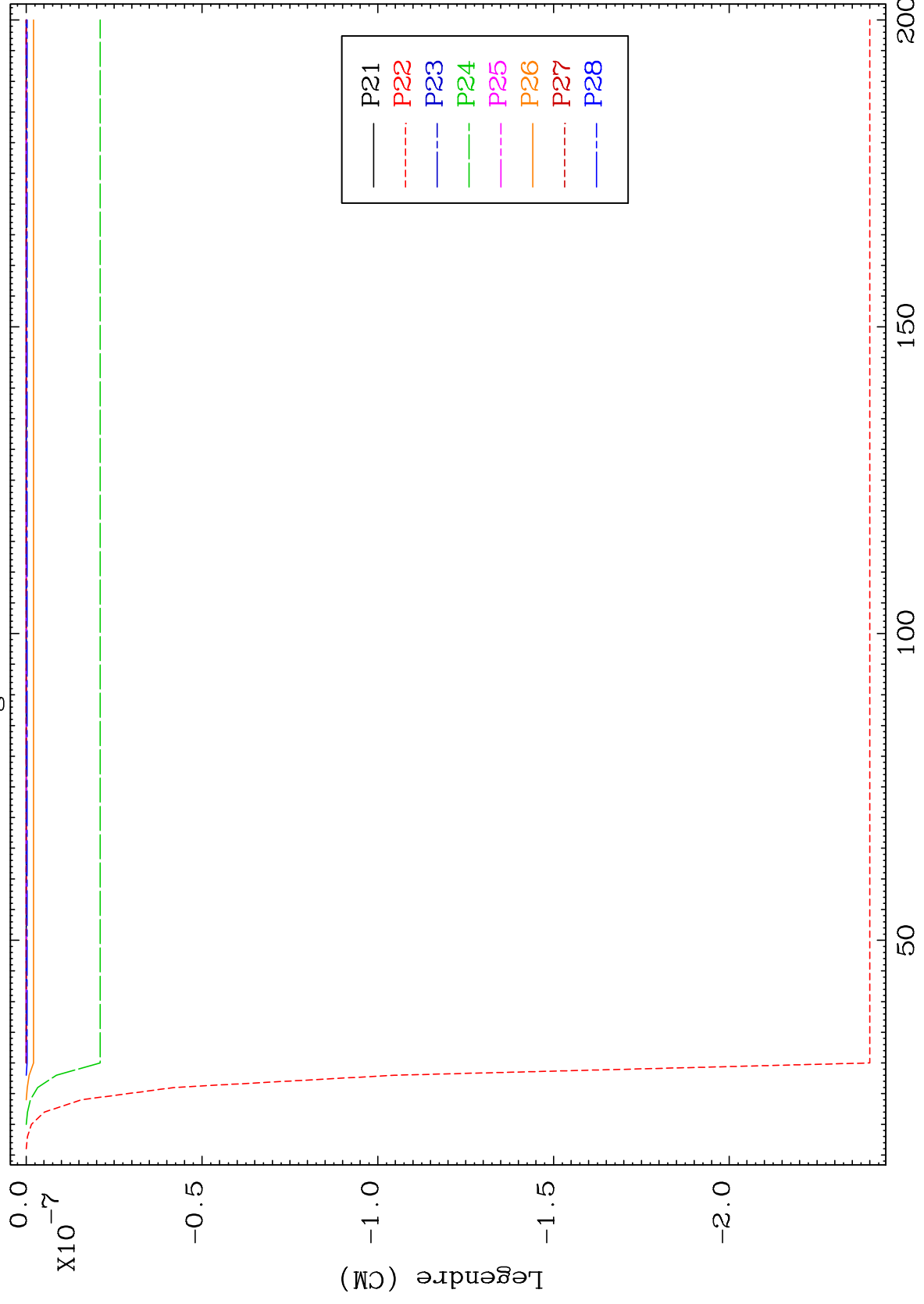
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

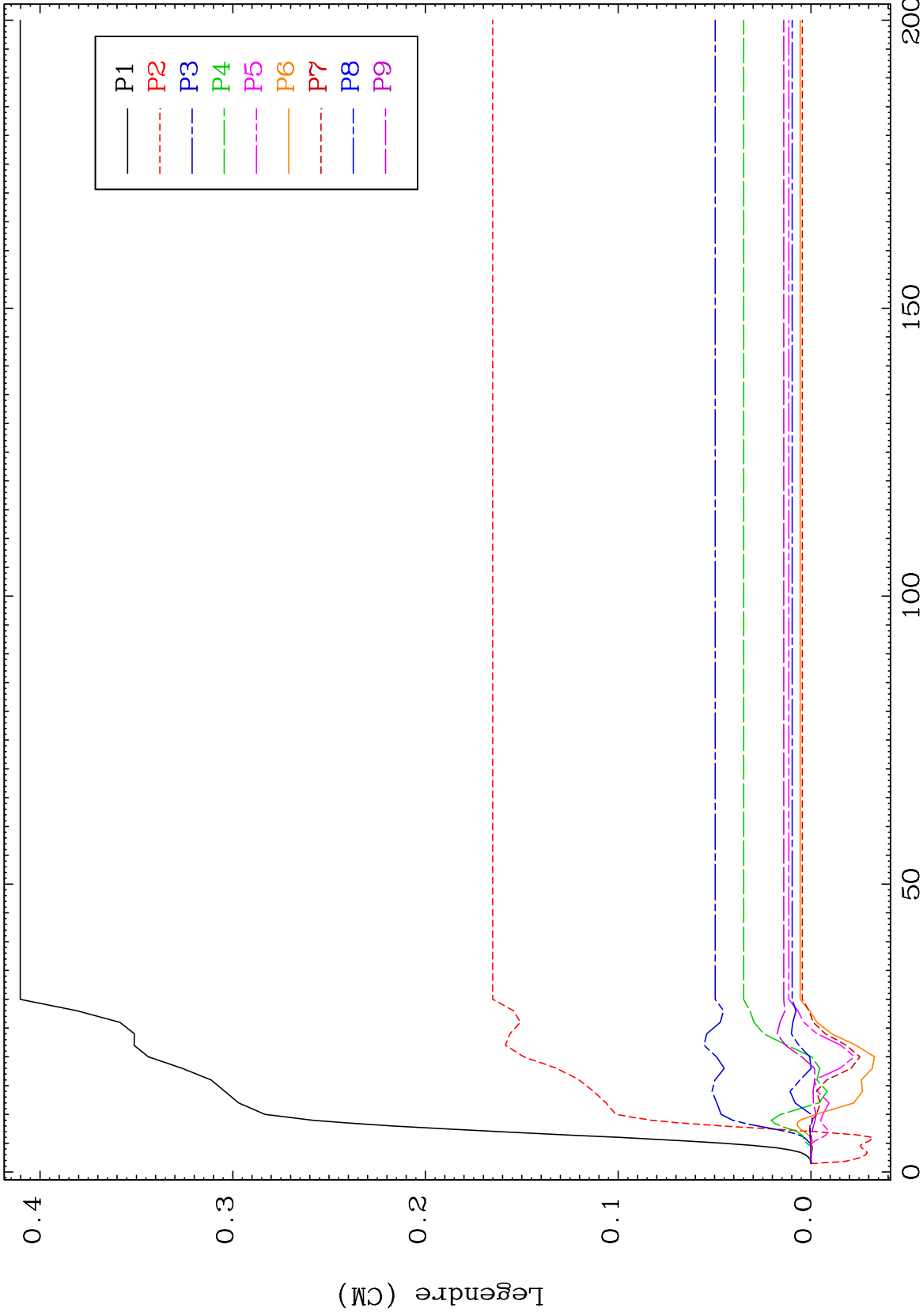
Incident Energy (MeV)

76

MAT 4725

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

47-Ag-107



77

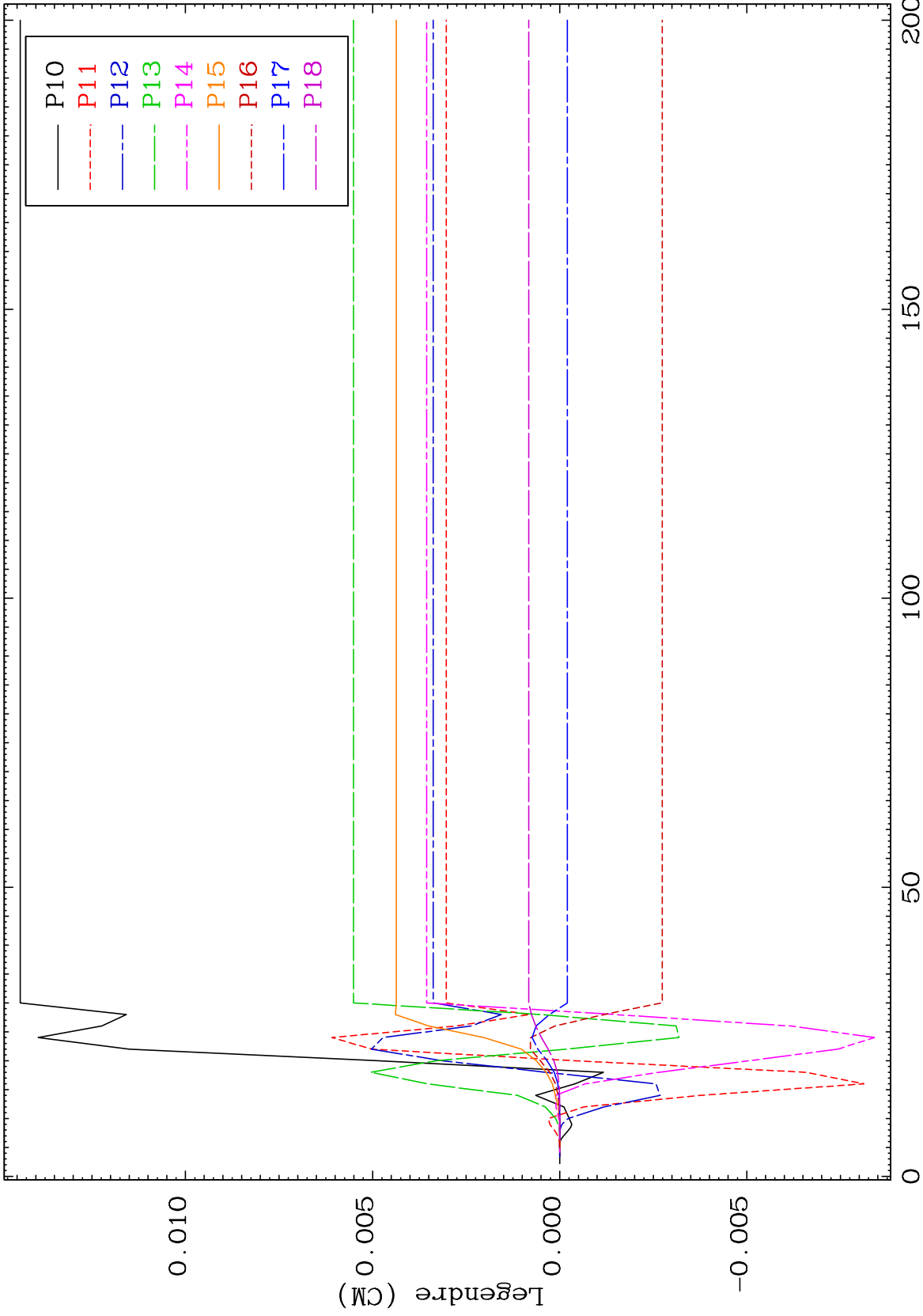
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



78

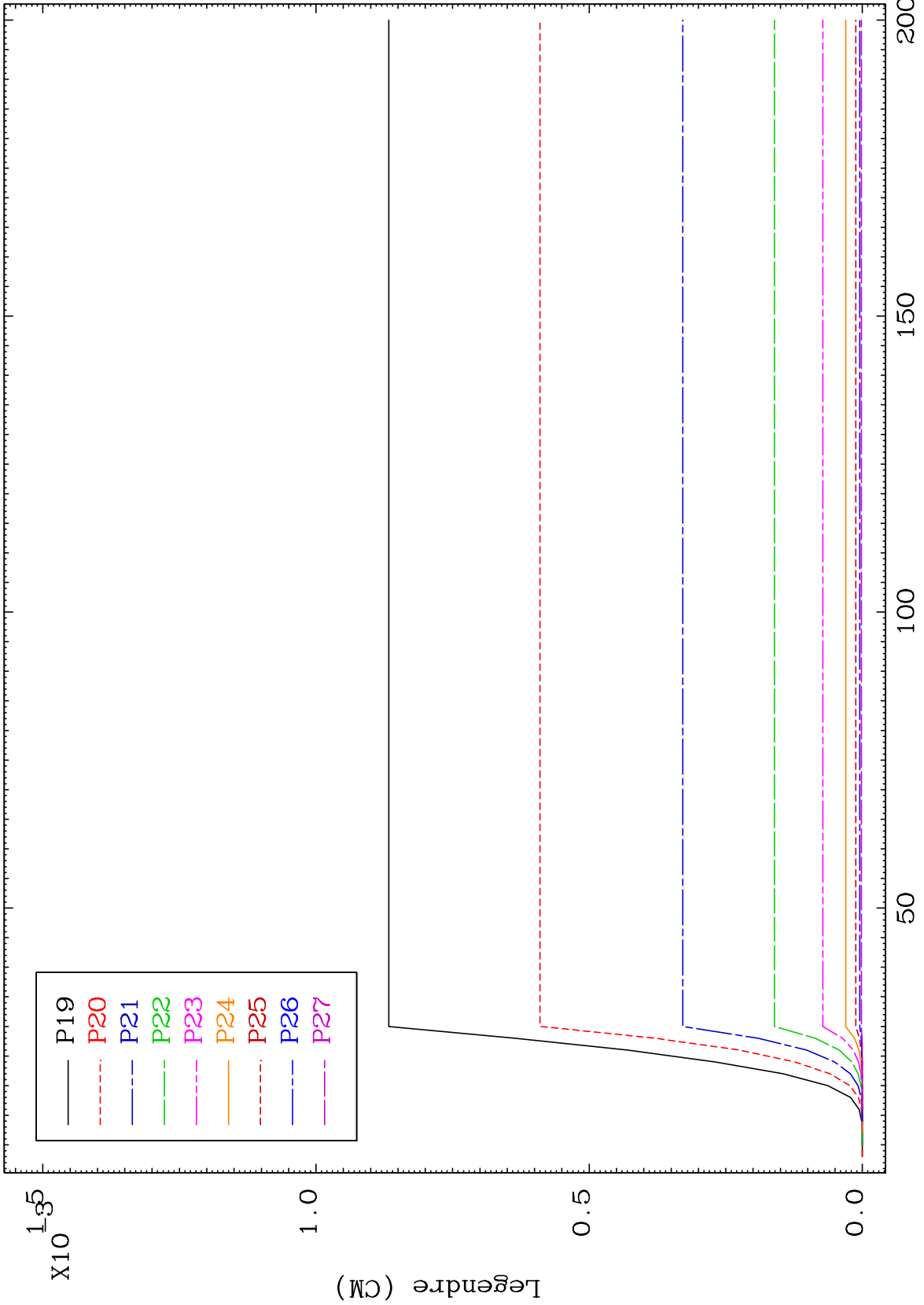
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



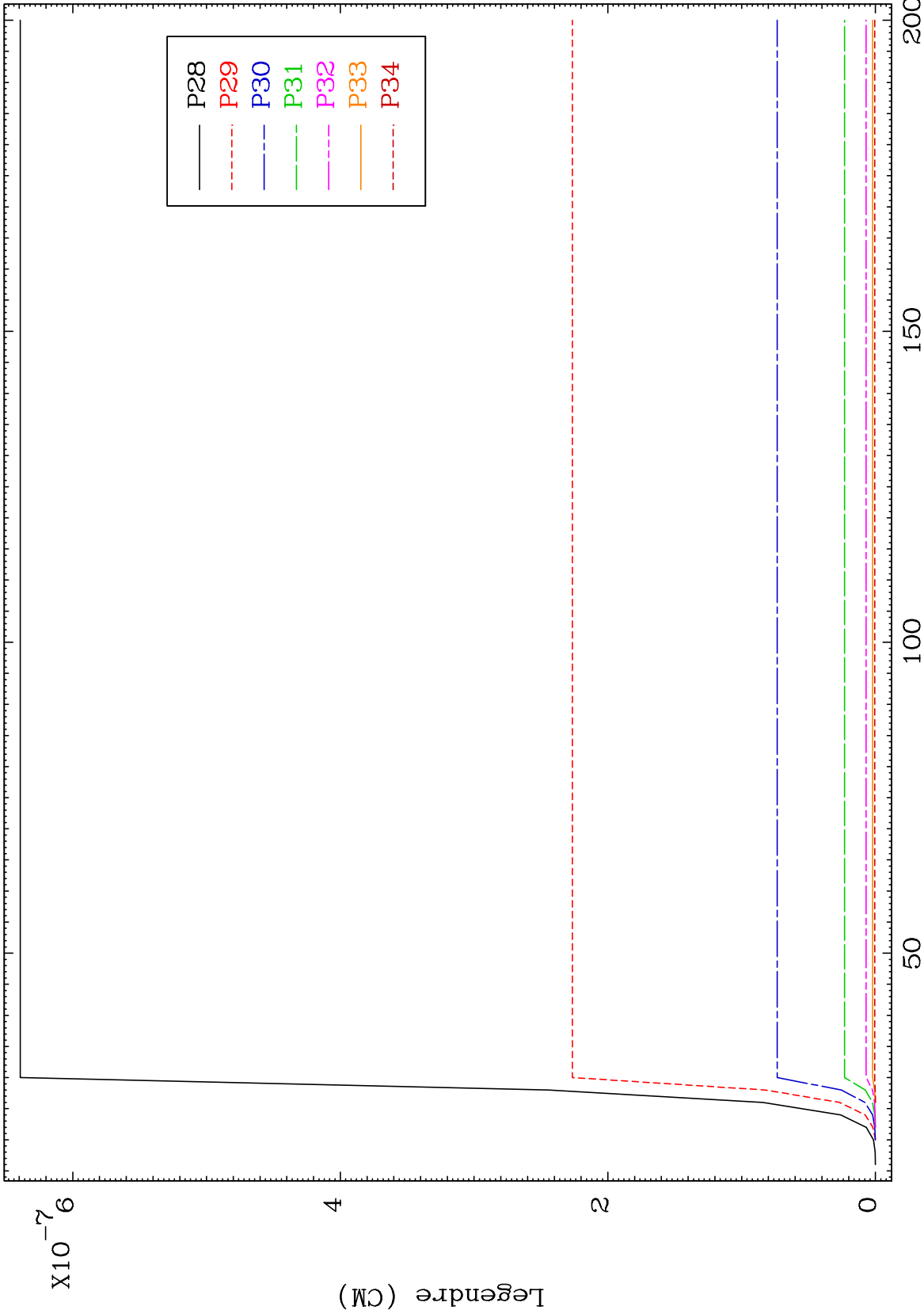
79

47-Ag-107

MAT 4725

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

47-Ag-107



80

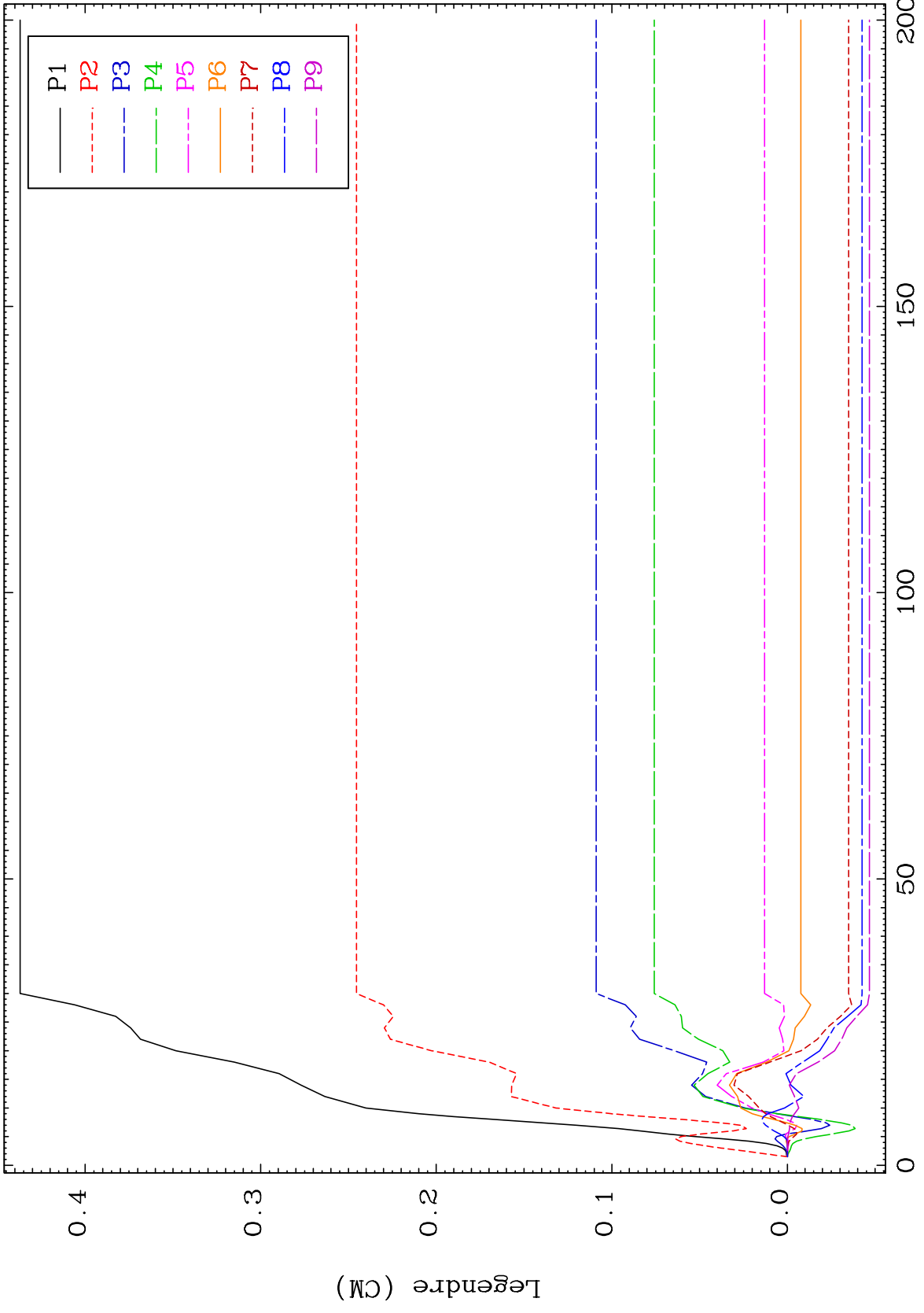
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



81

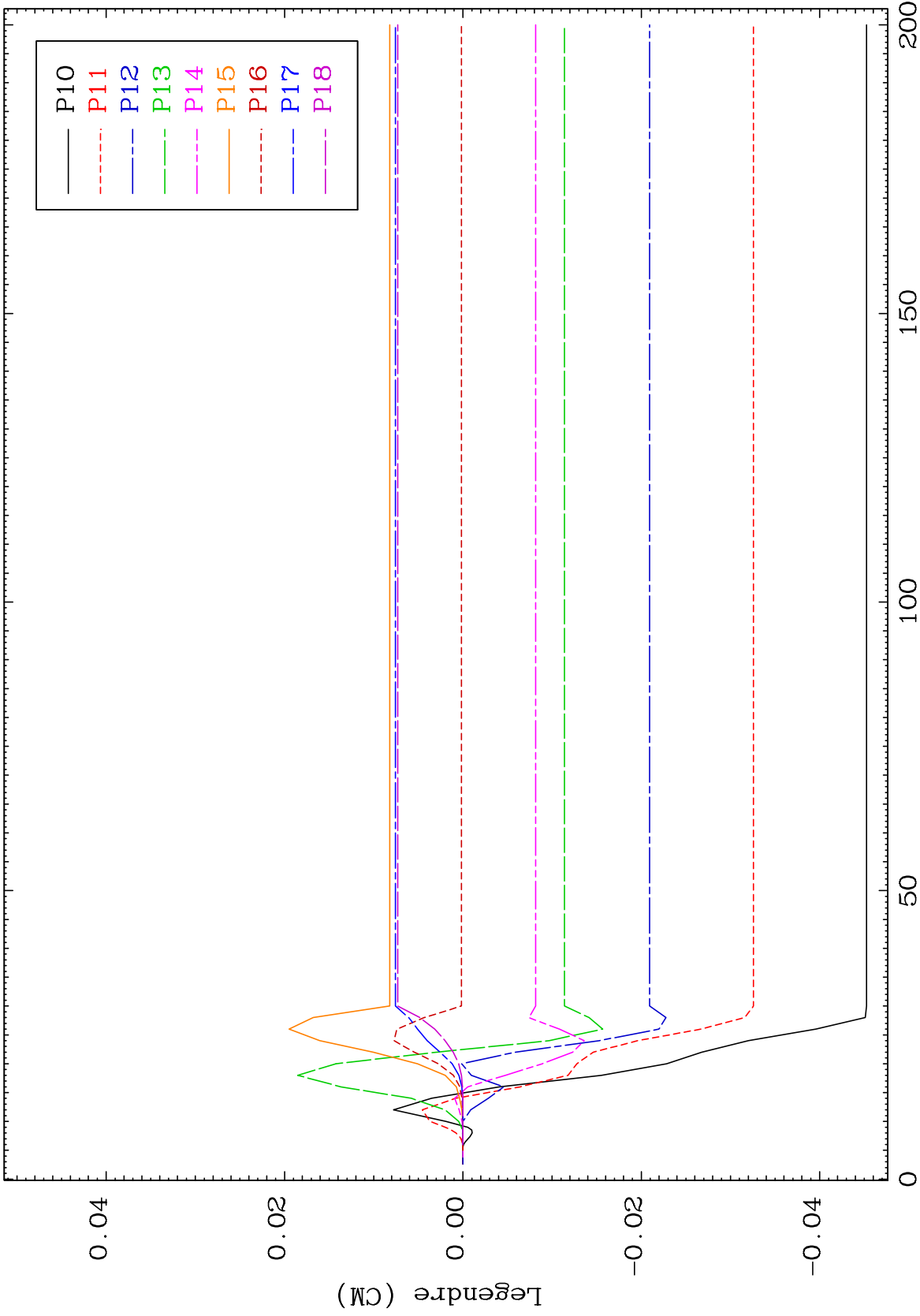
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



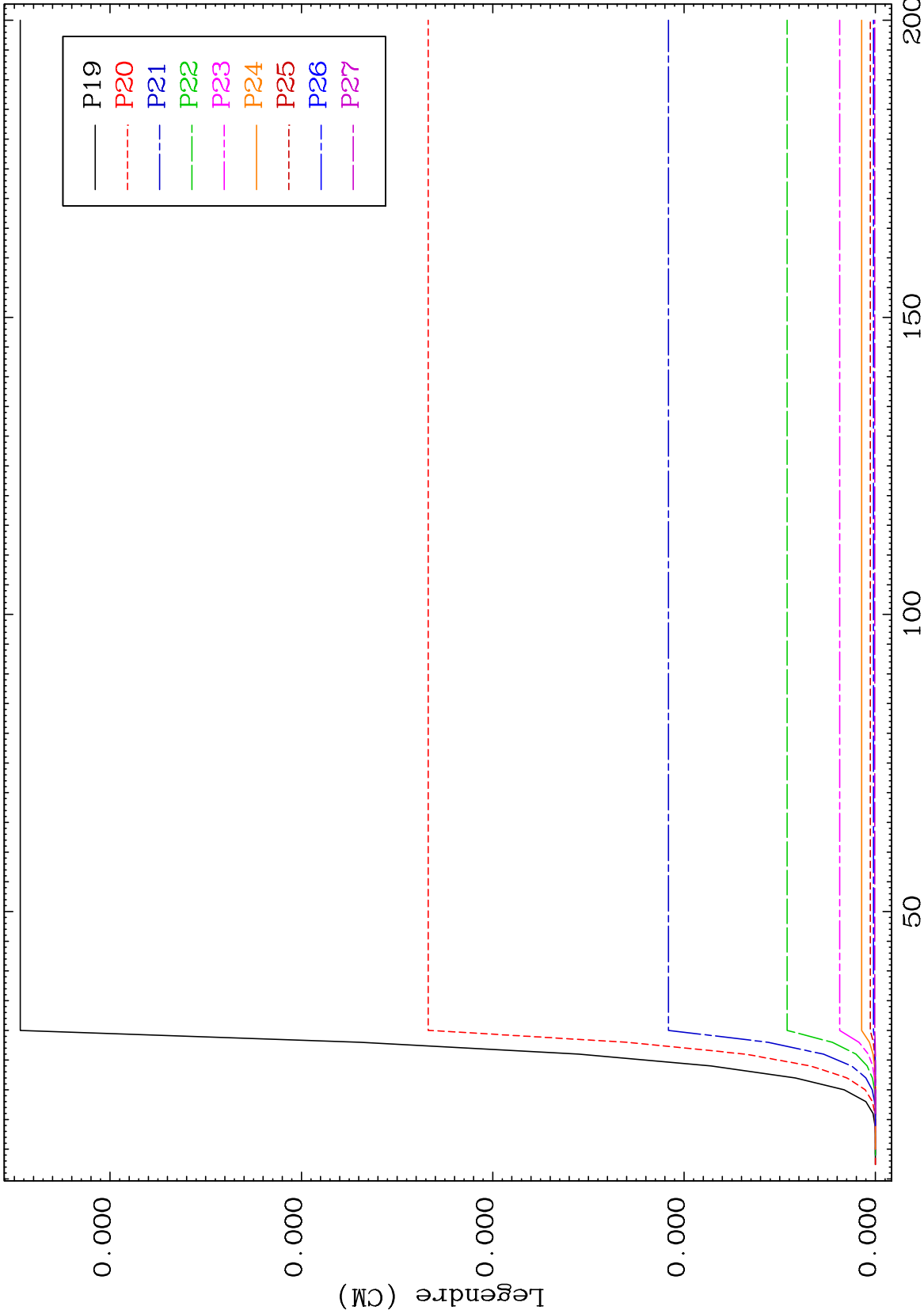
82

47-Ag-107

MAT 4725

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

47-Ag-107



83

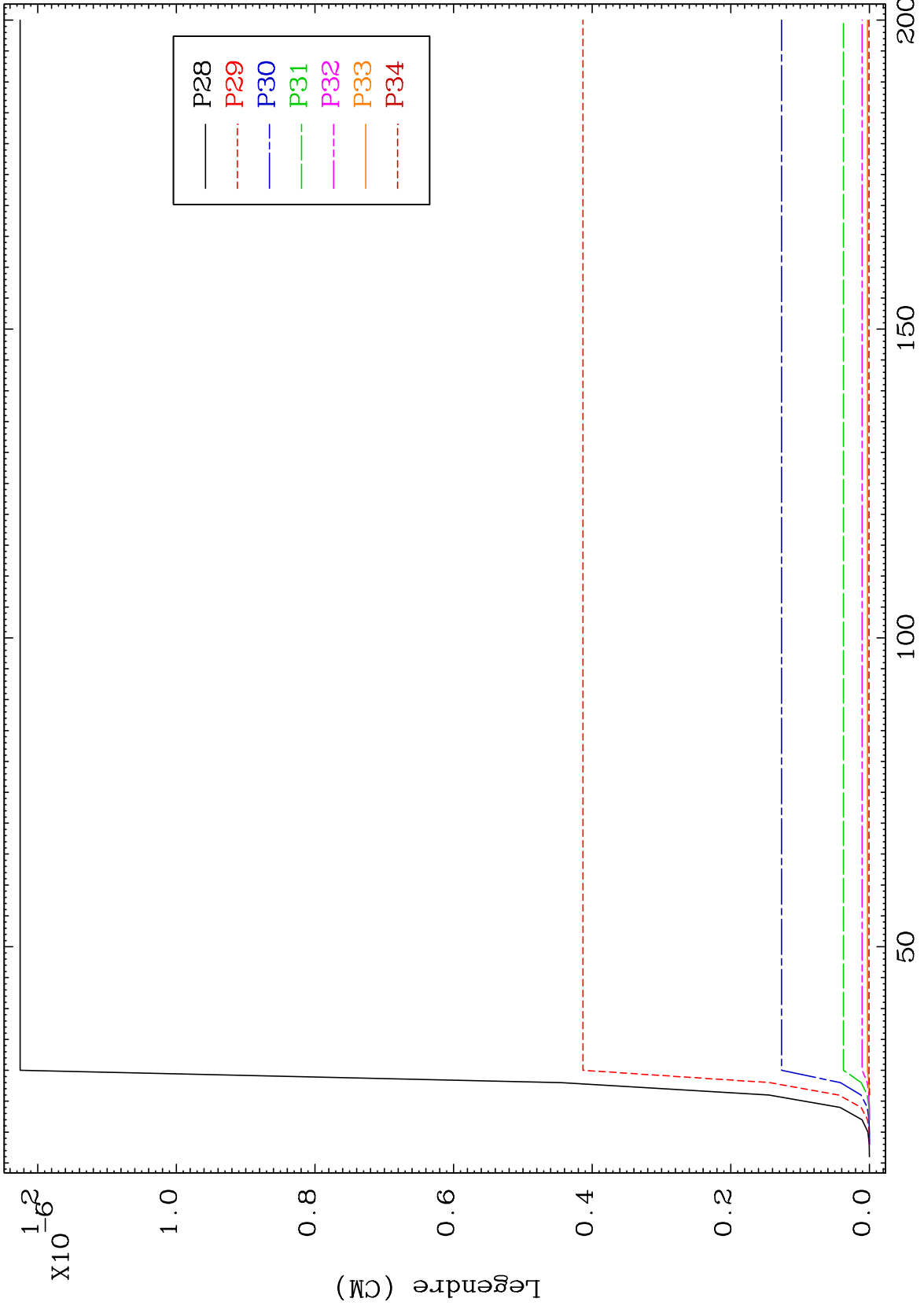
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



84

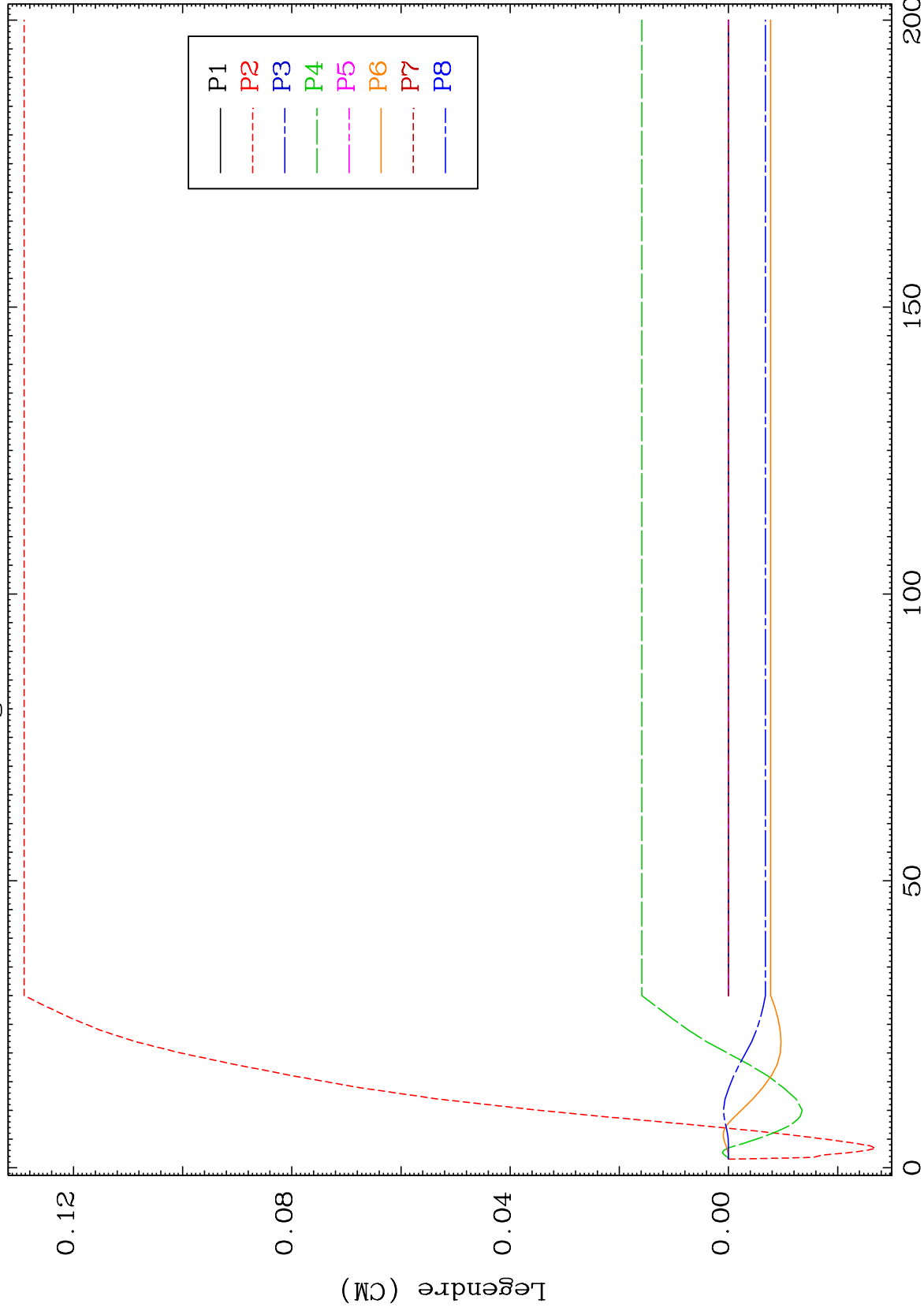
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



85

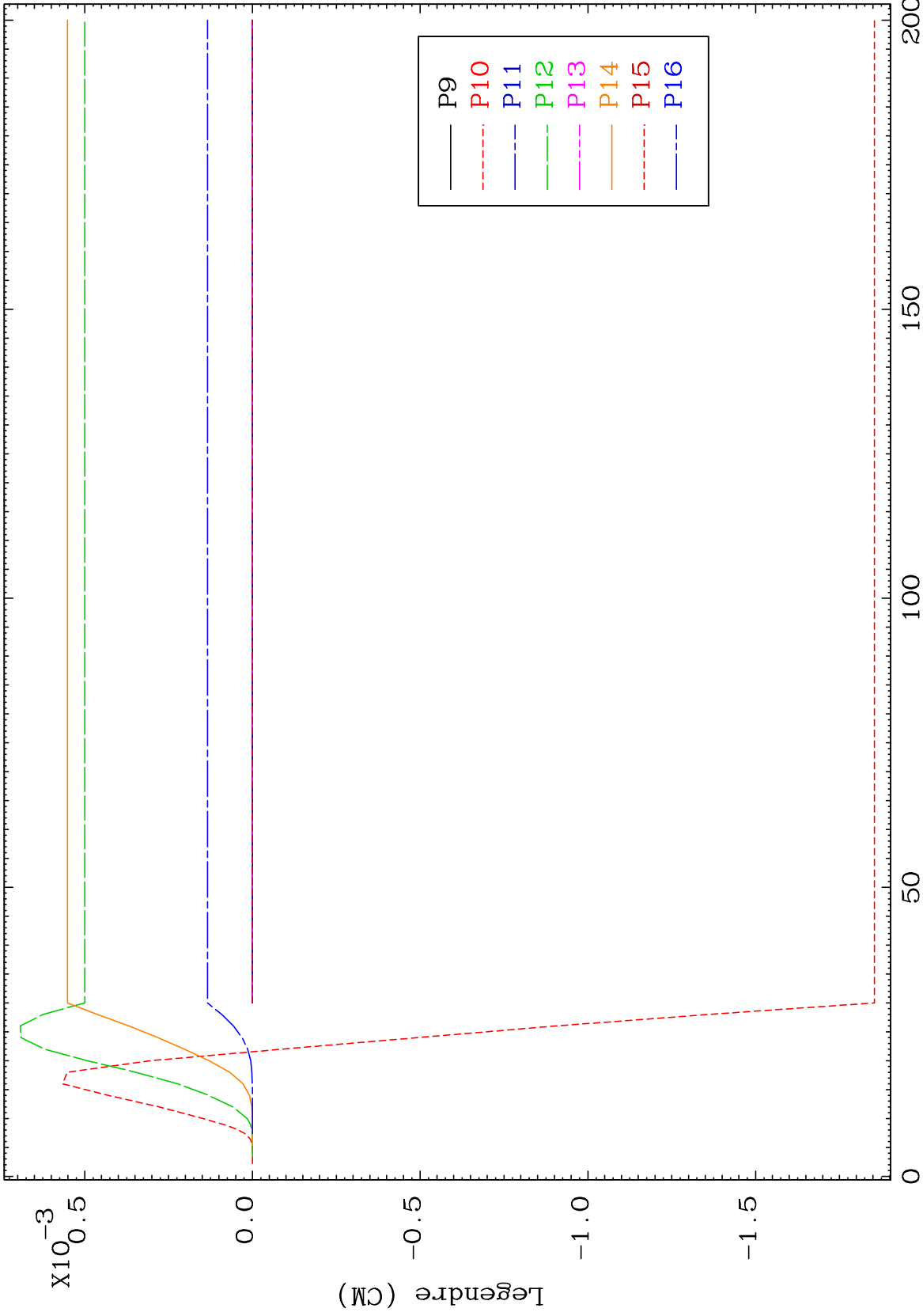
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



86

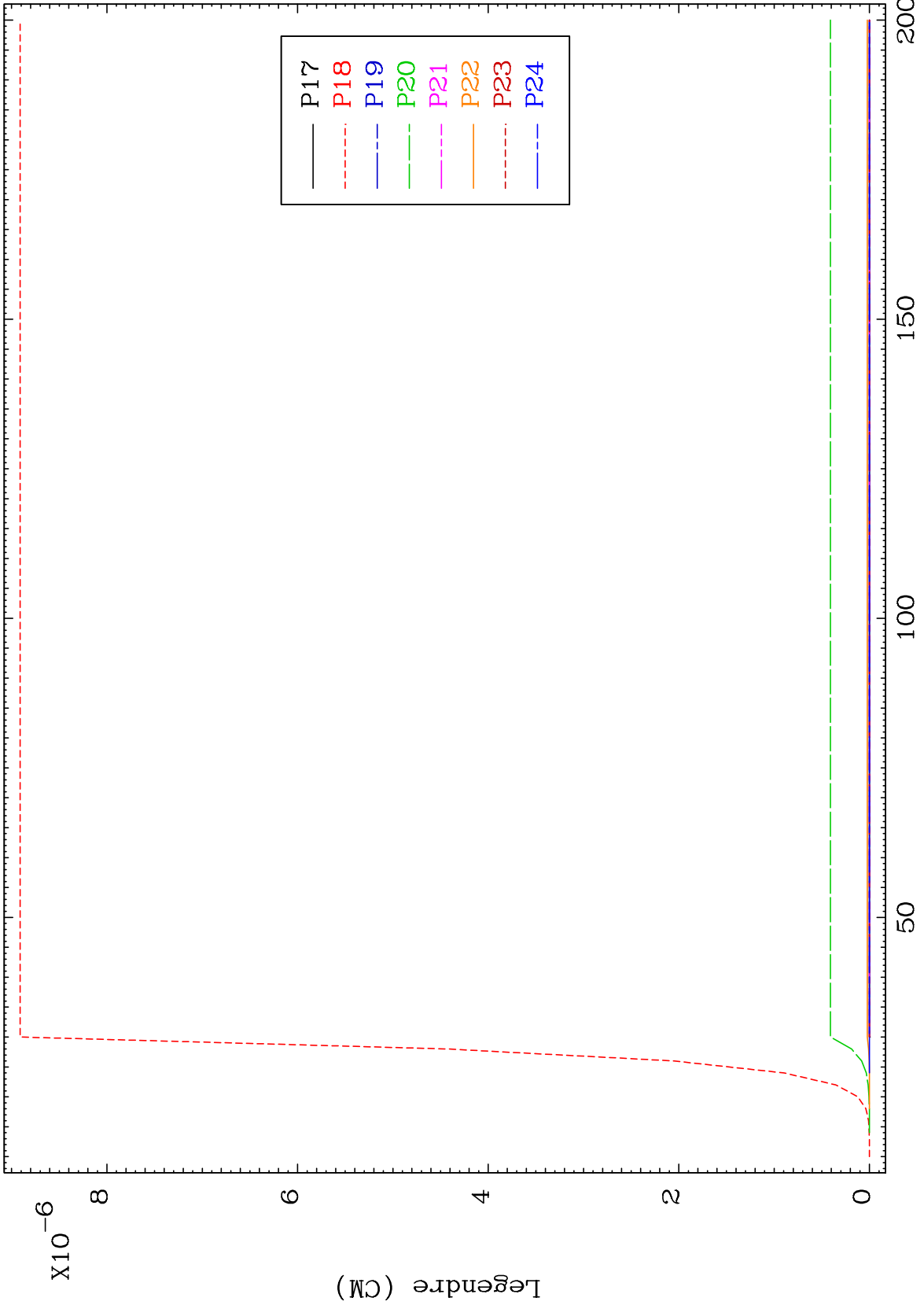
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



87

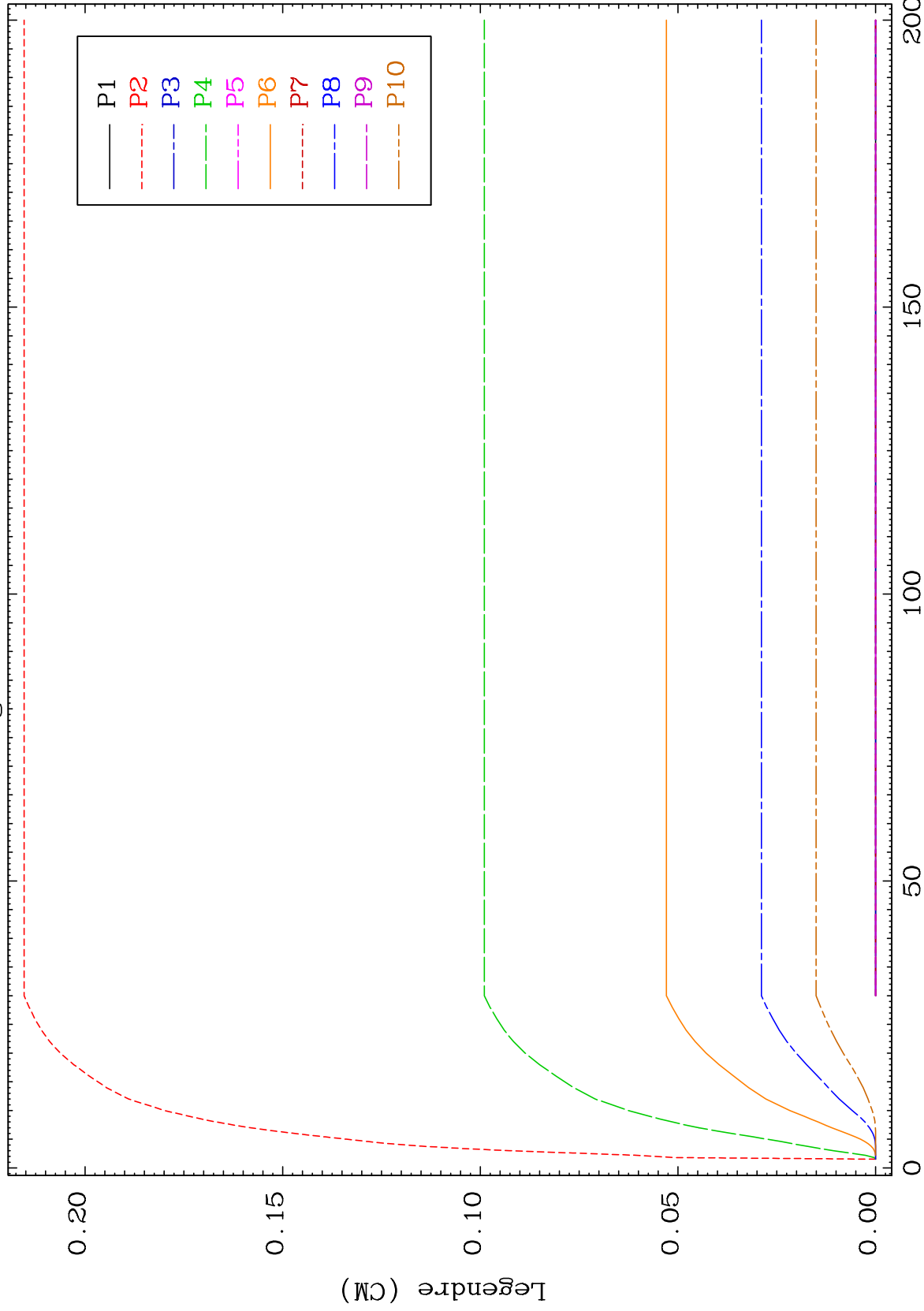
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



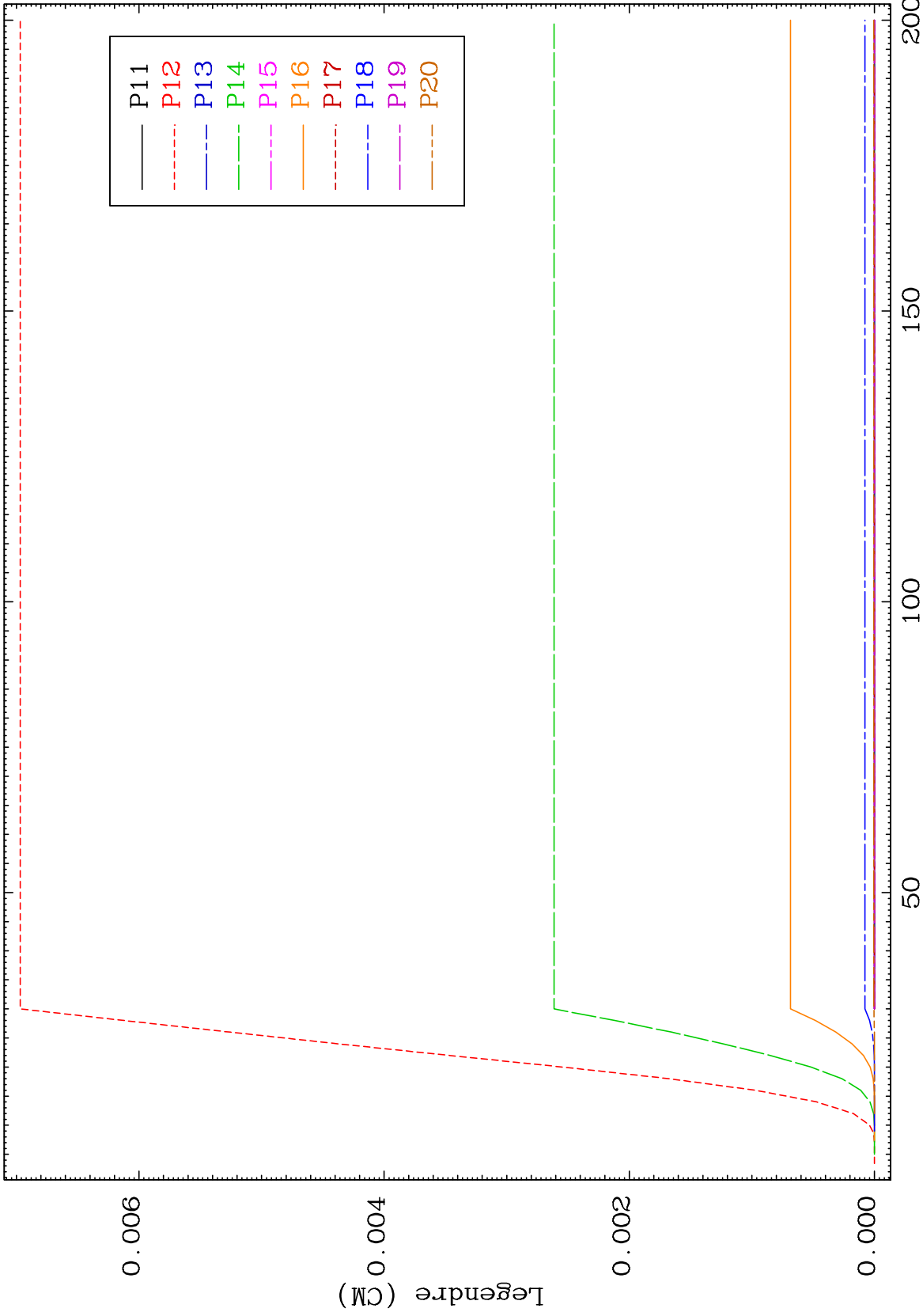
88

47-Ag-107

MAT 4725

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

47-Ag-107



89

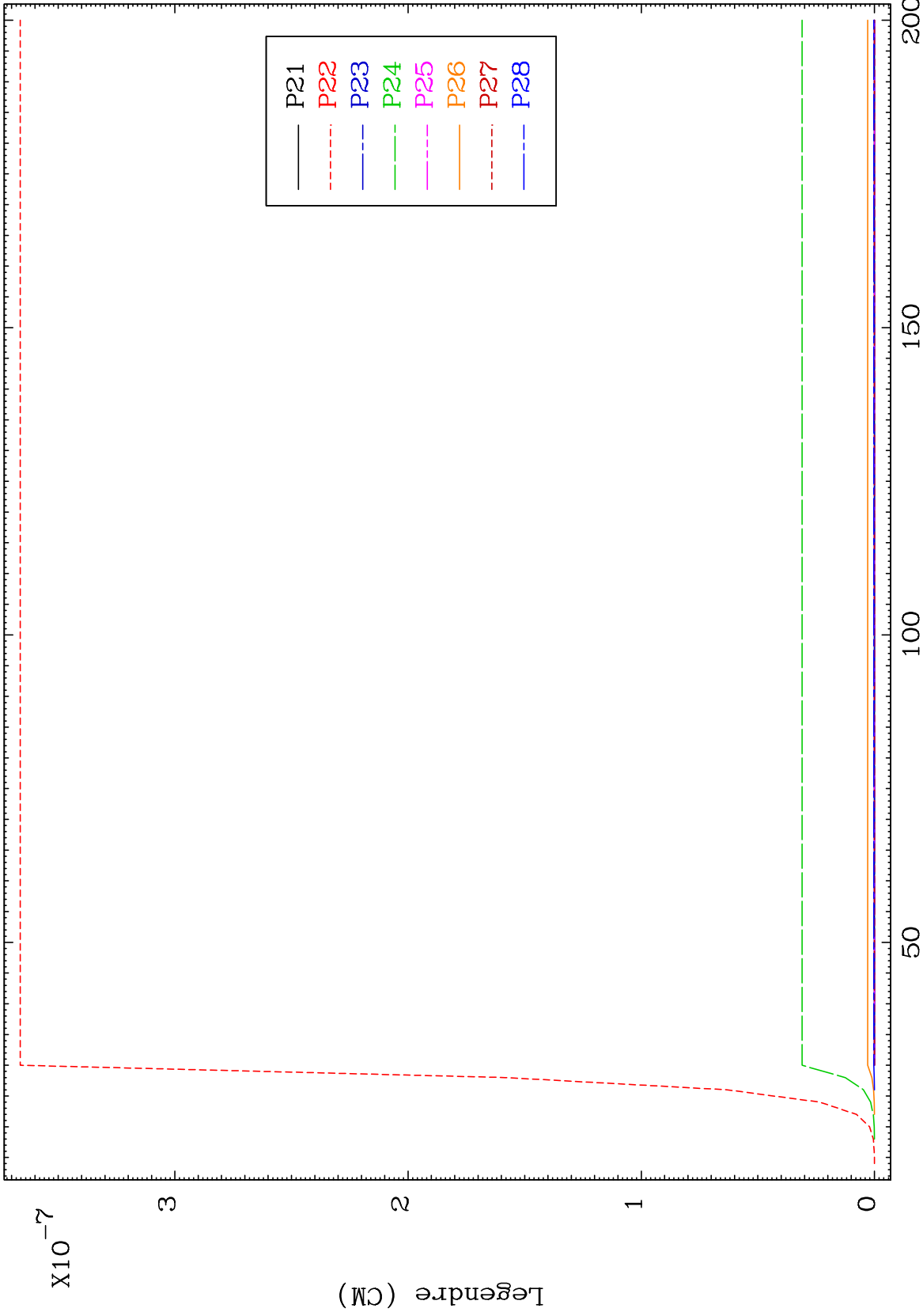
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



90

Incident Energy (MeV)

50

100

150

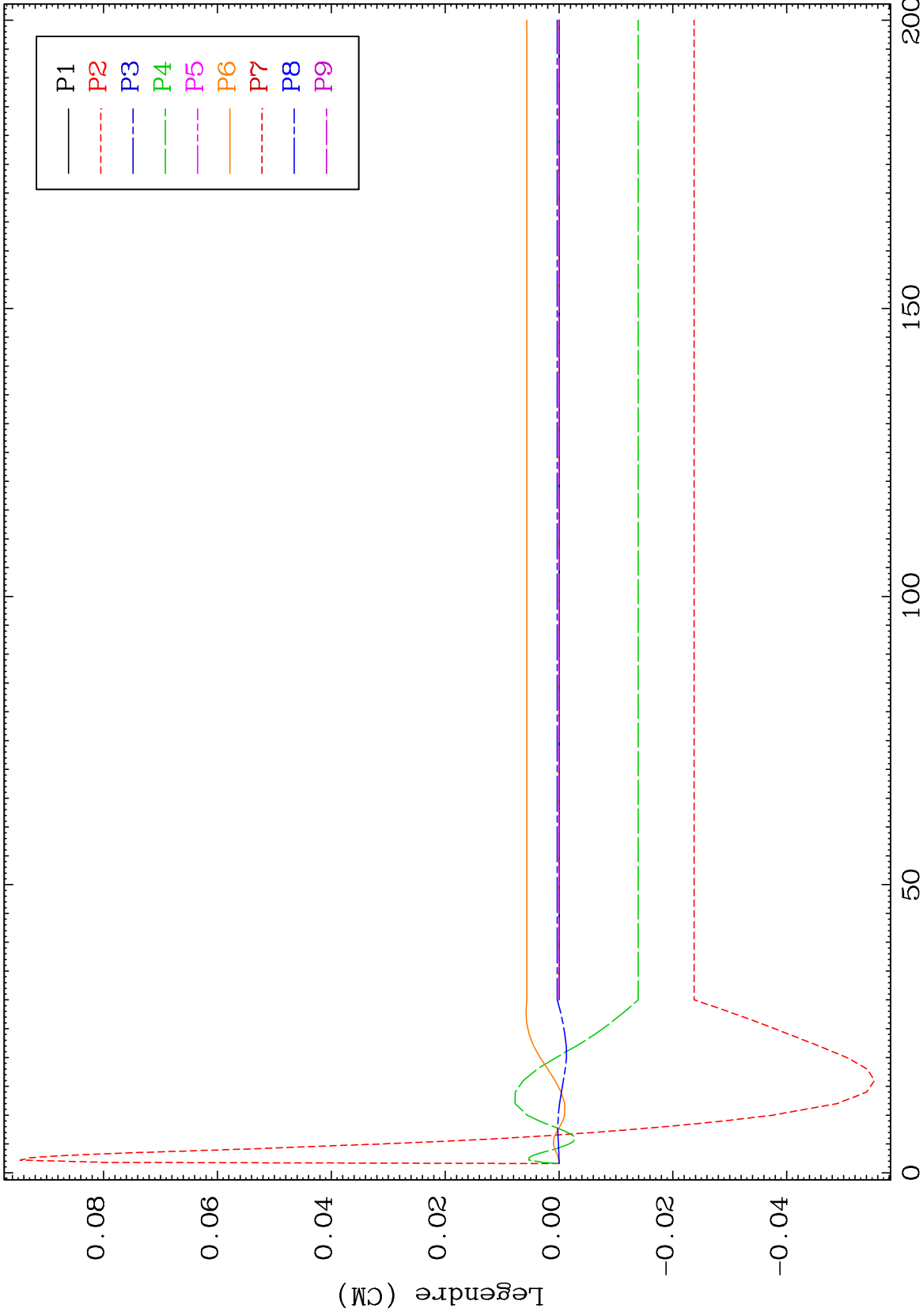
200

47-Ag-107

MAT 4725

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

47-Ag-107



91

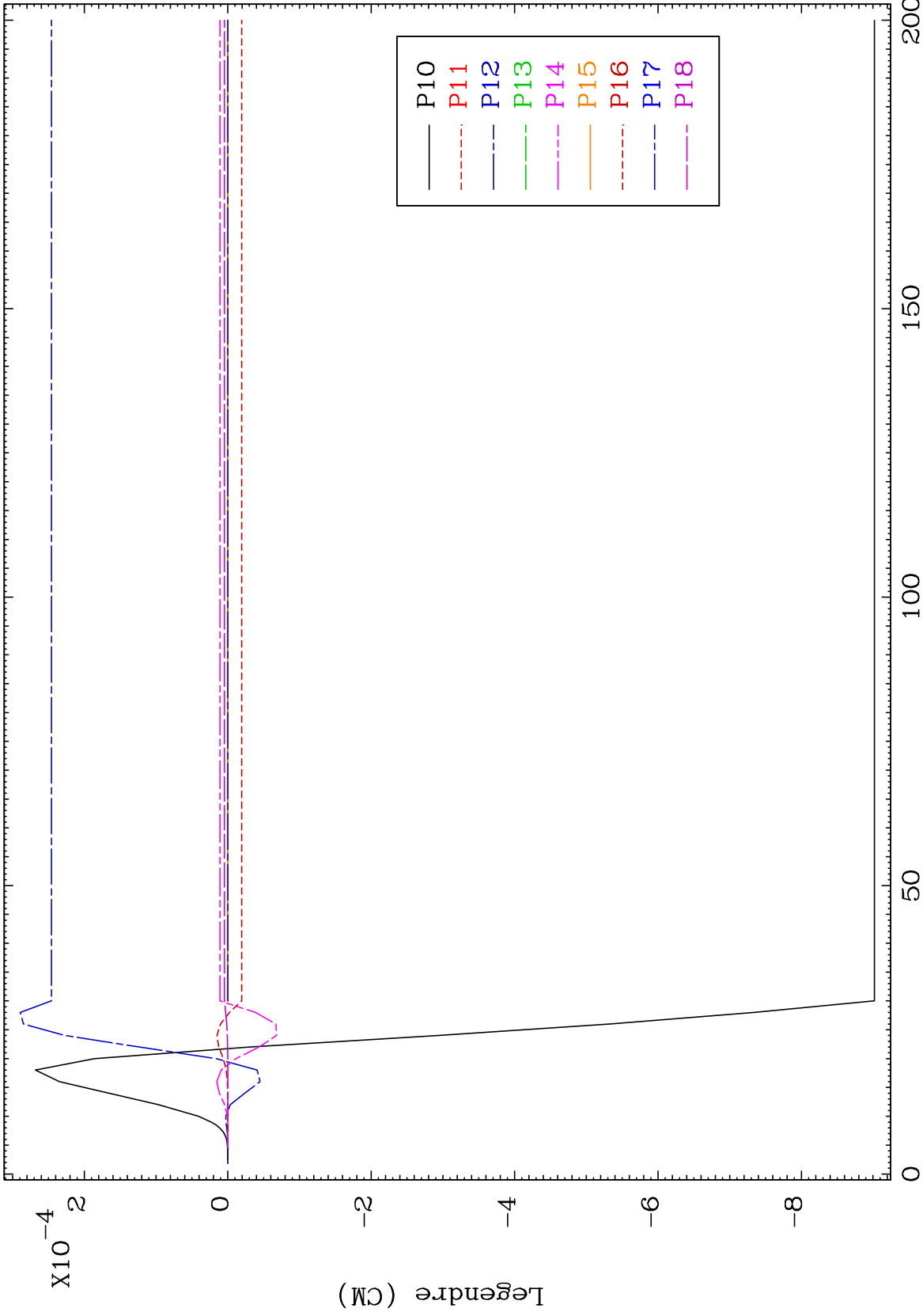
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



92

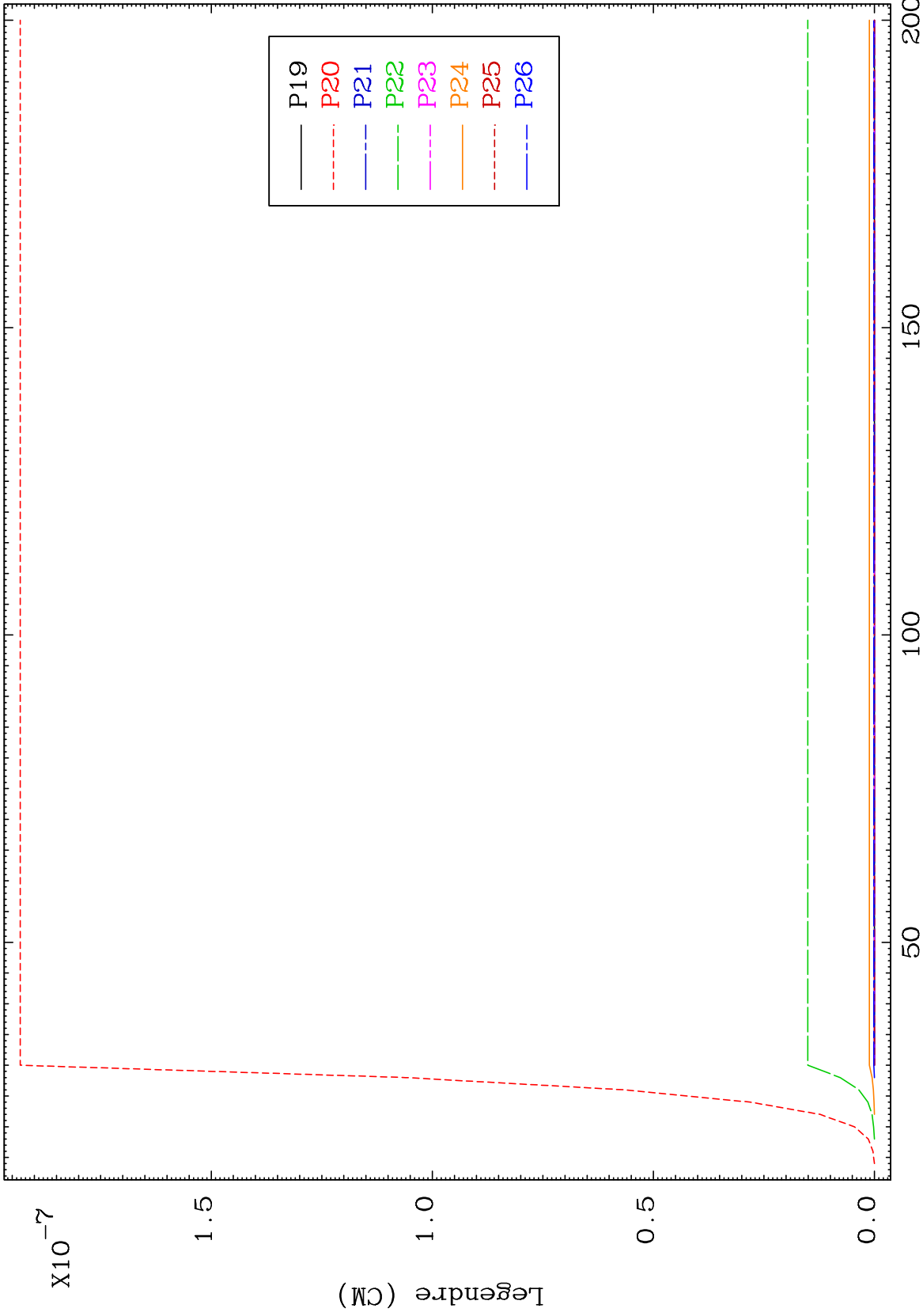
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



93

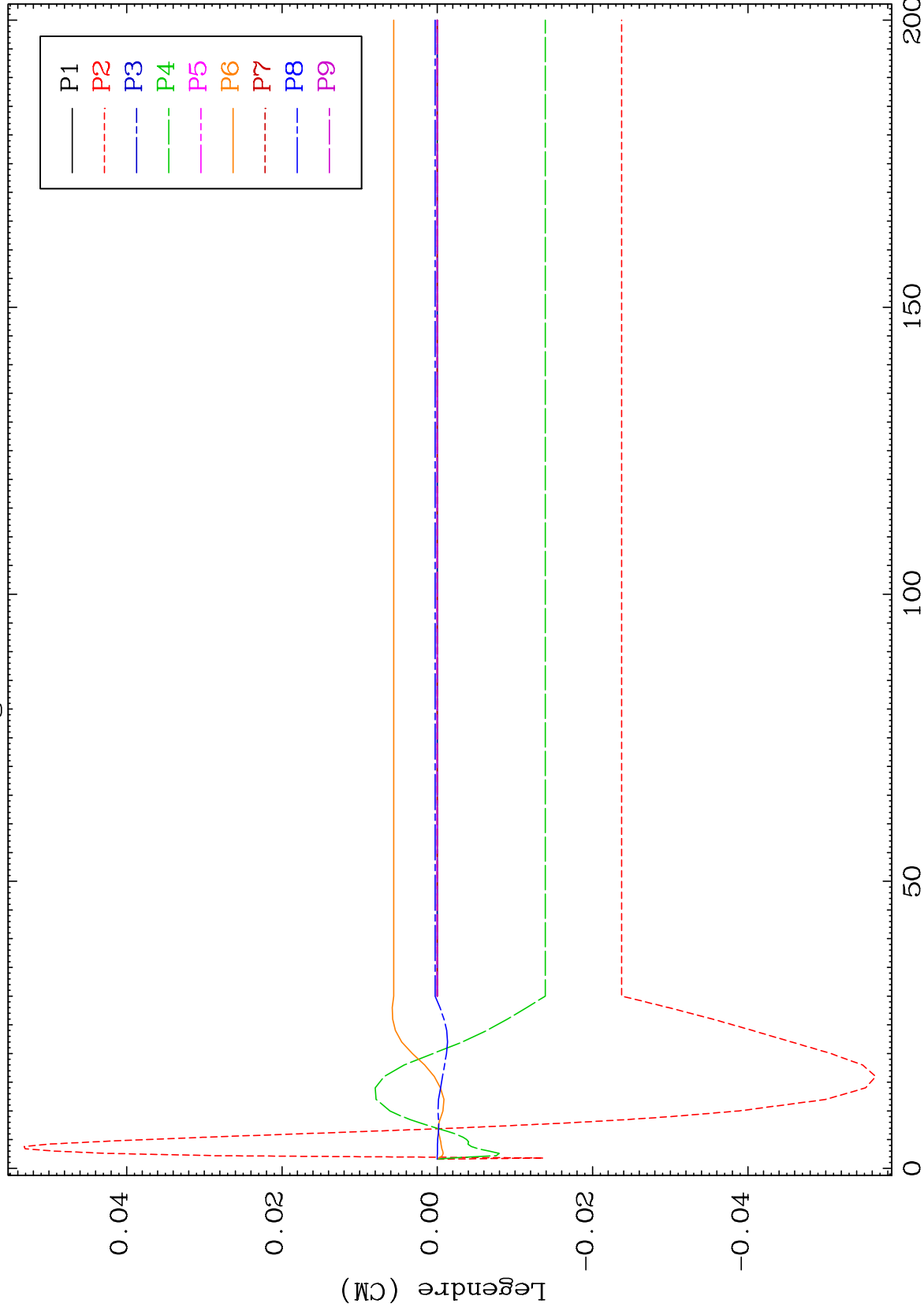
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



94

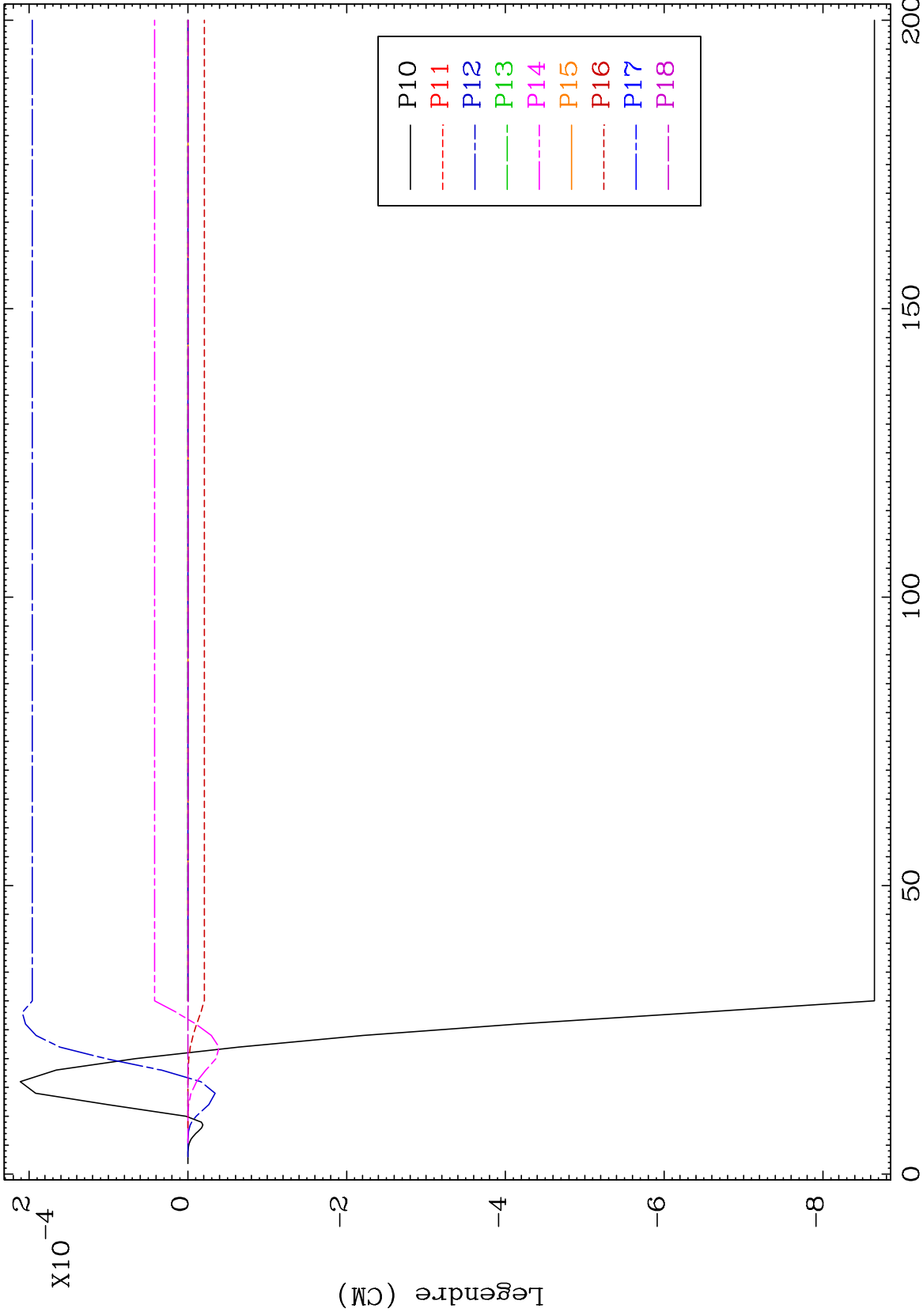
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



95

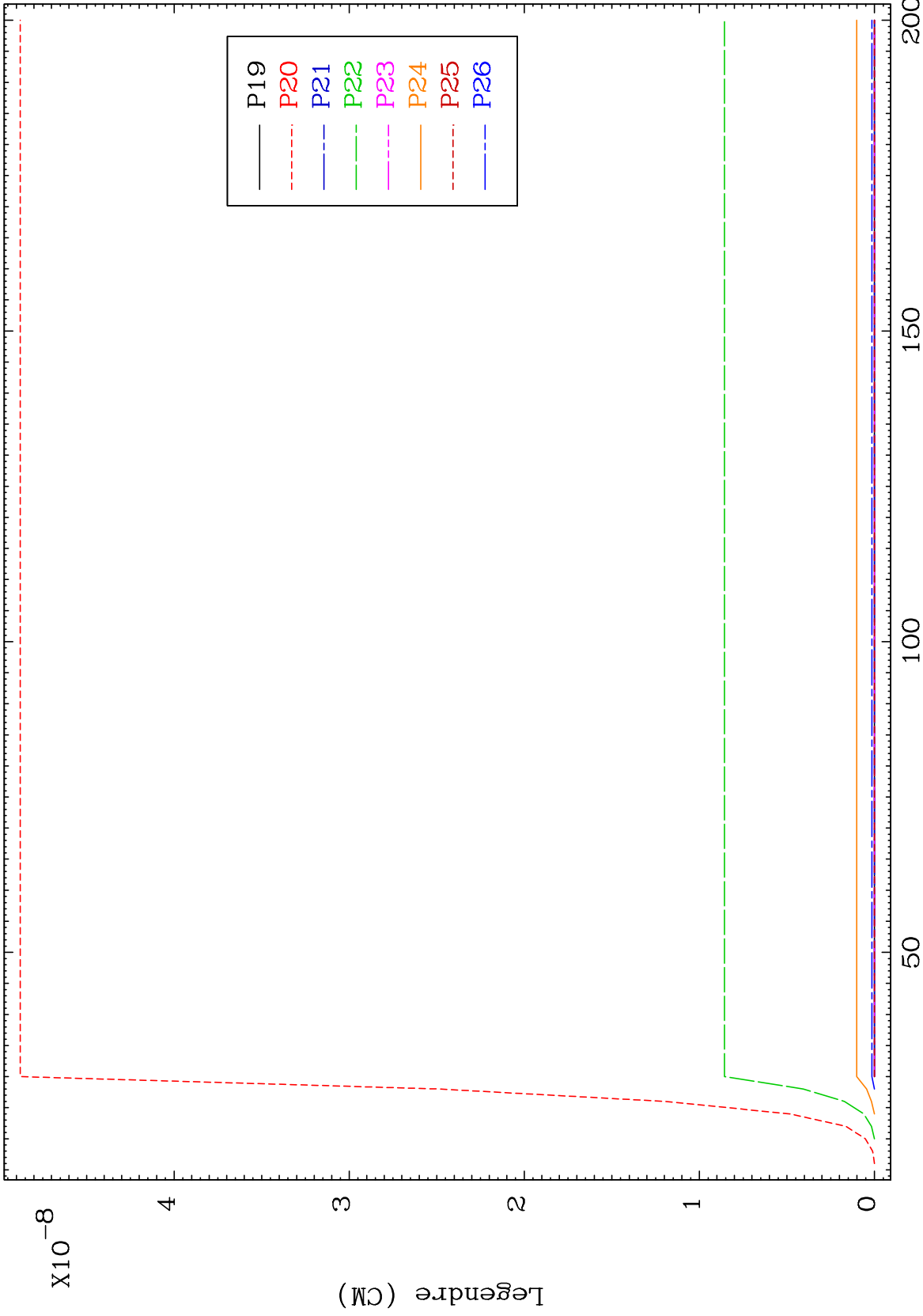
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



96

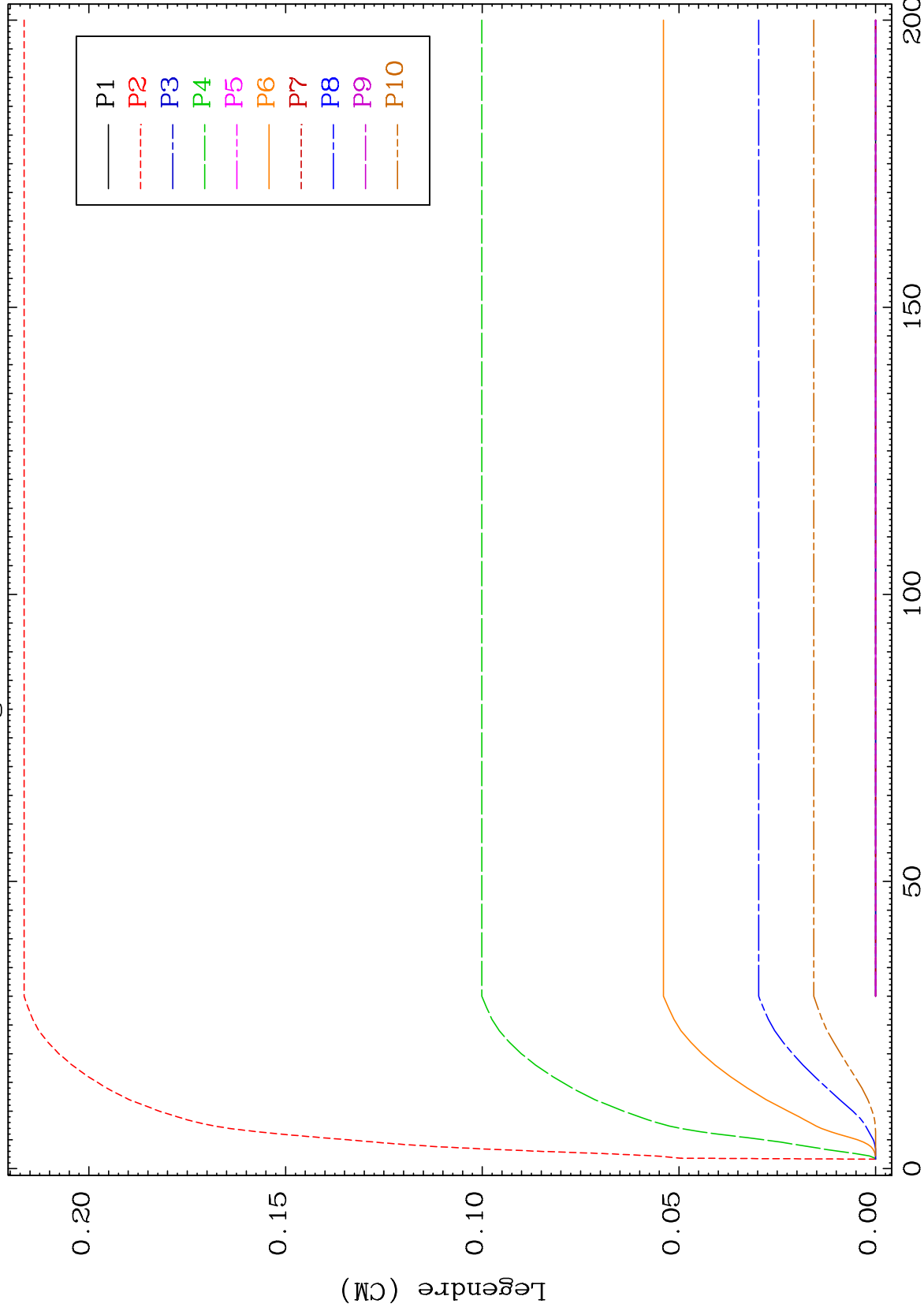
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



97

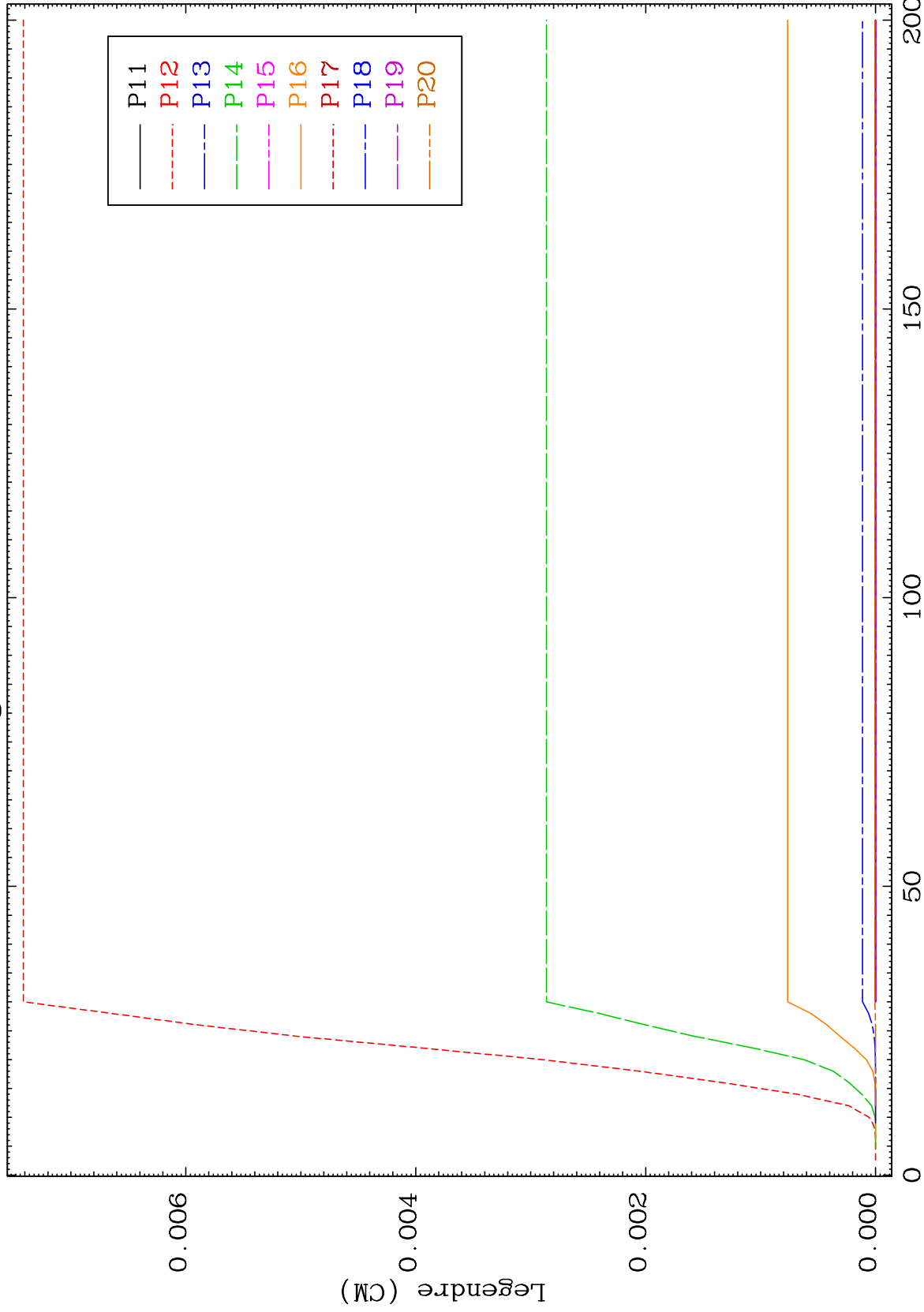
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



98

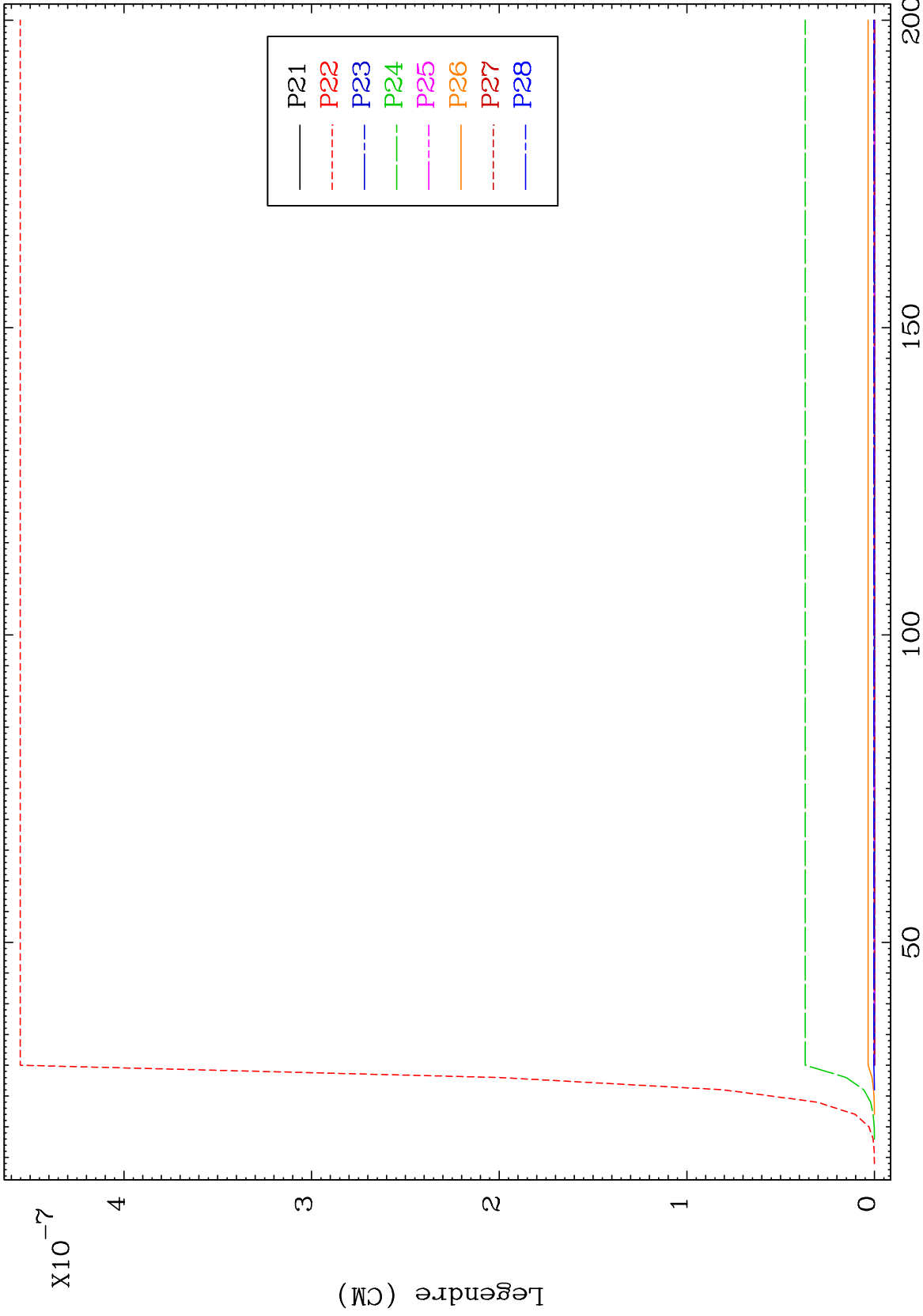
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



99

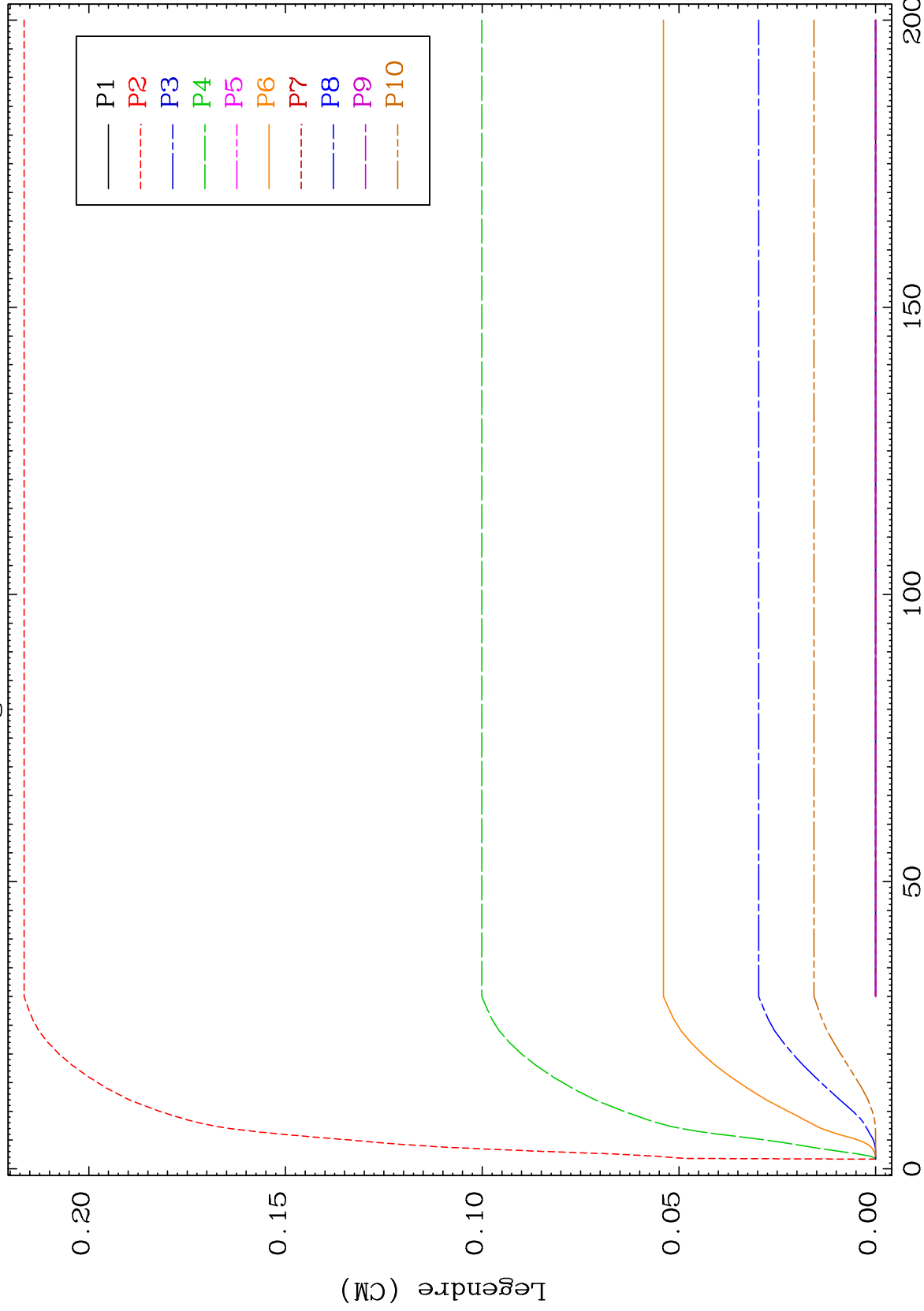
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



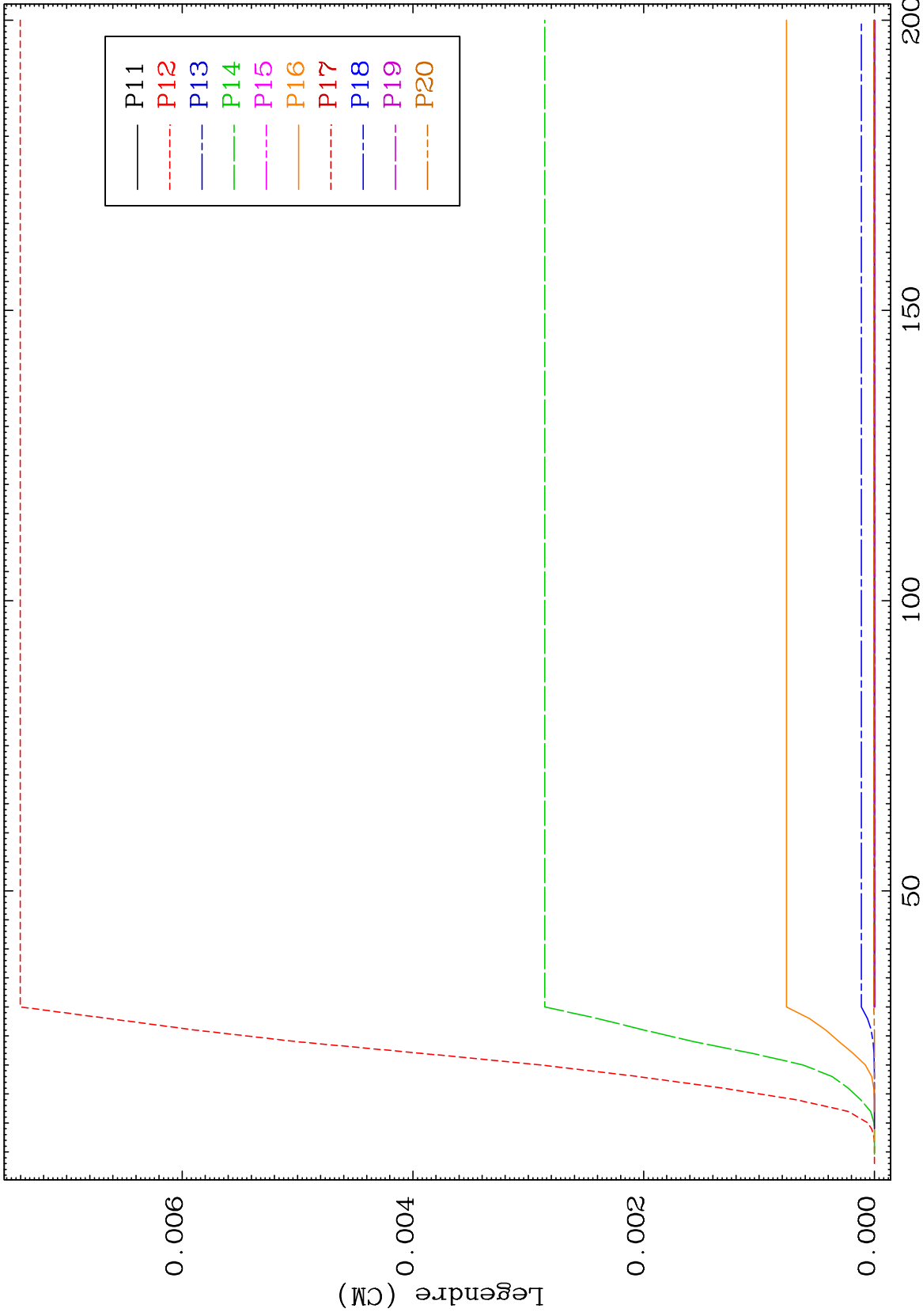
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



101

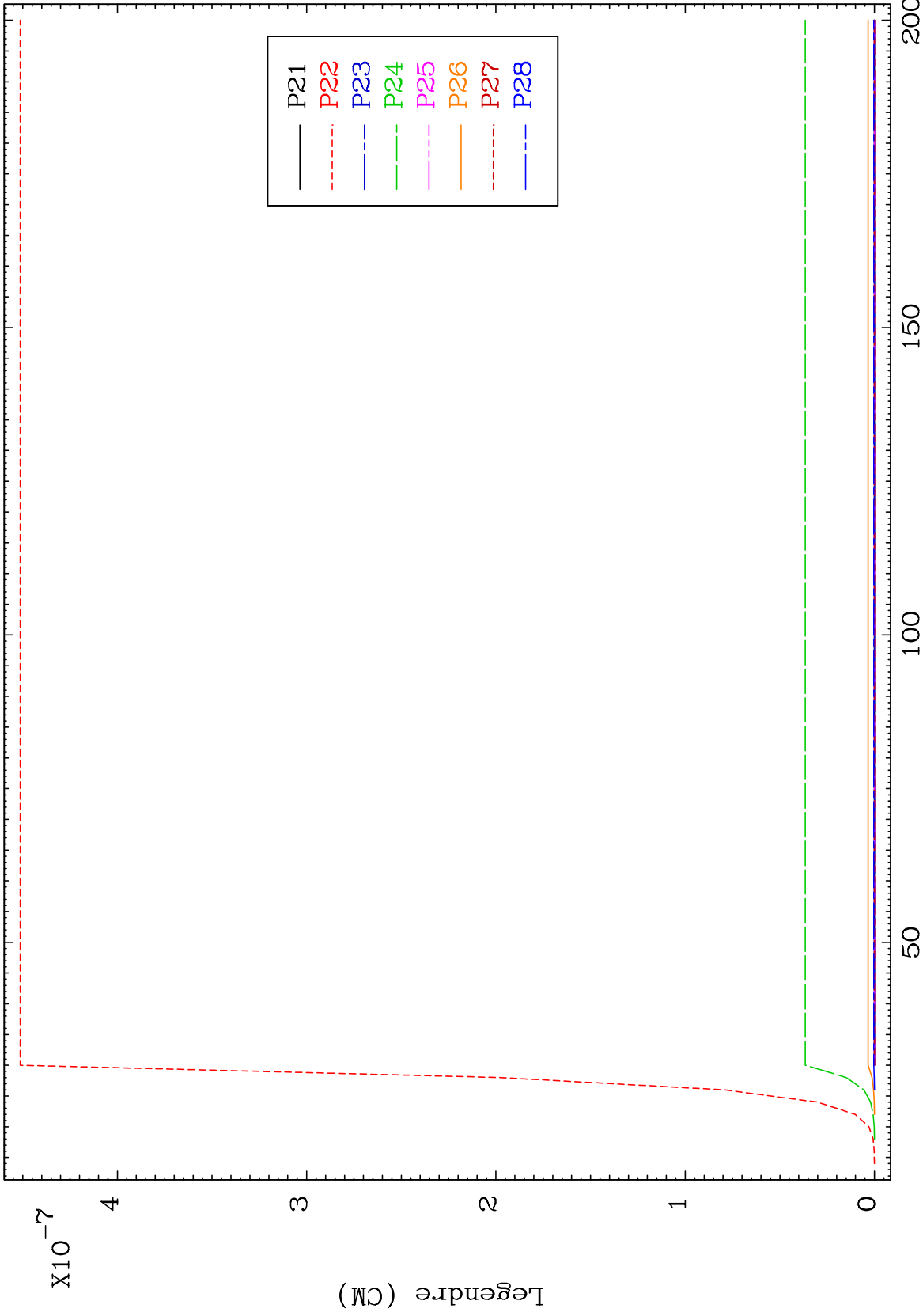
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



102

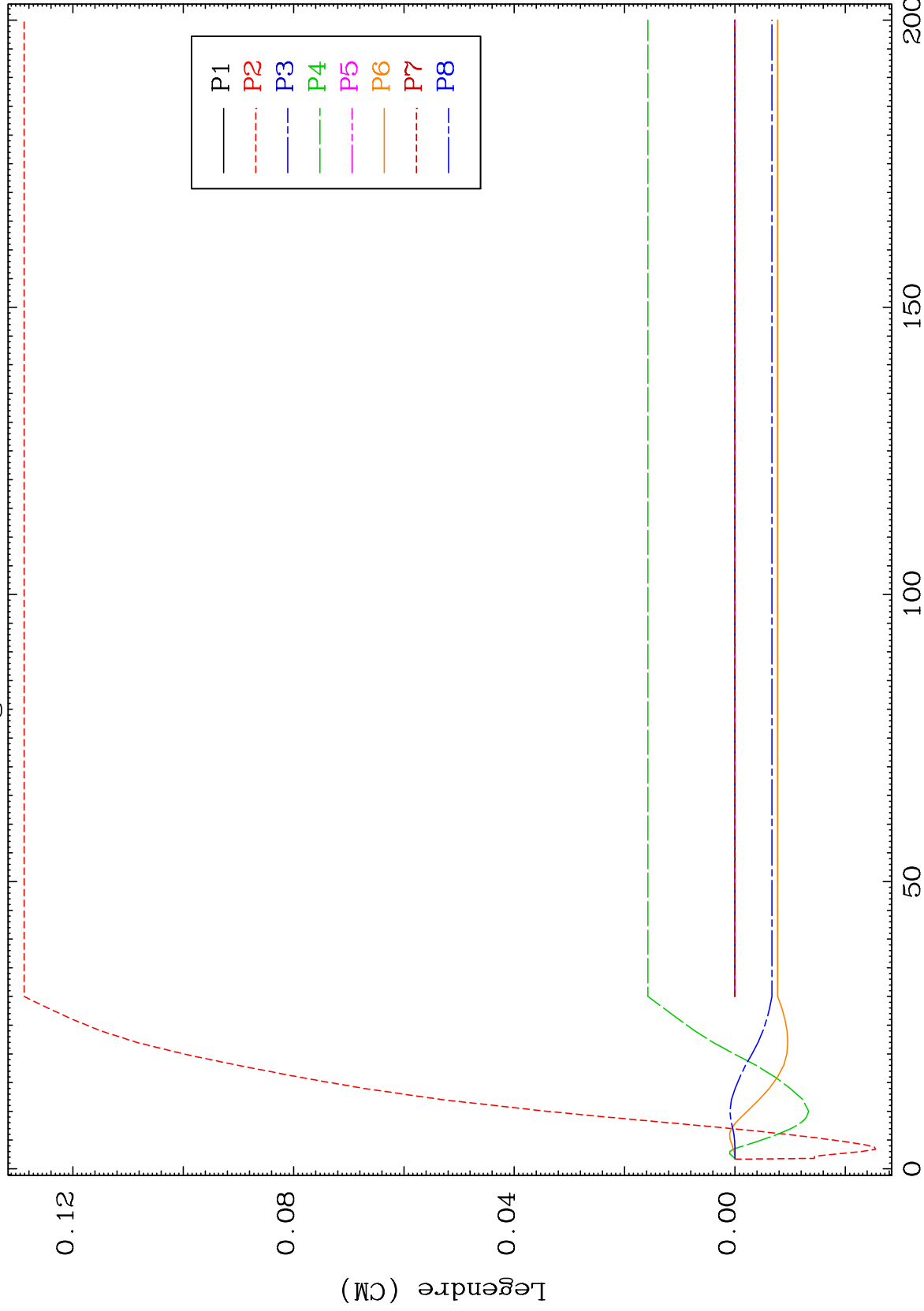
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

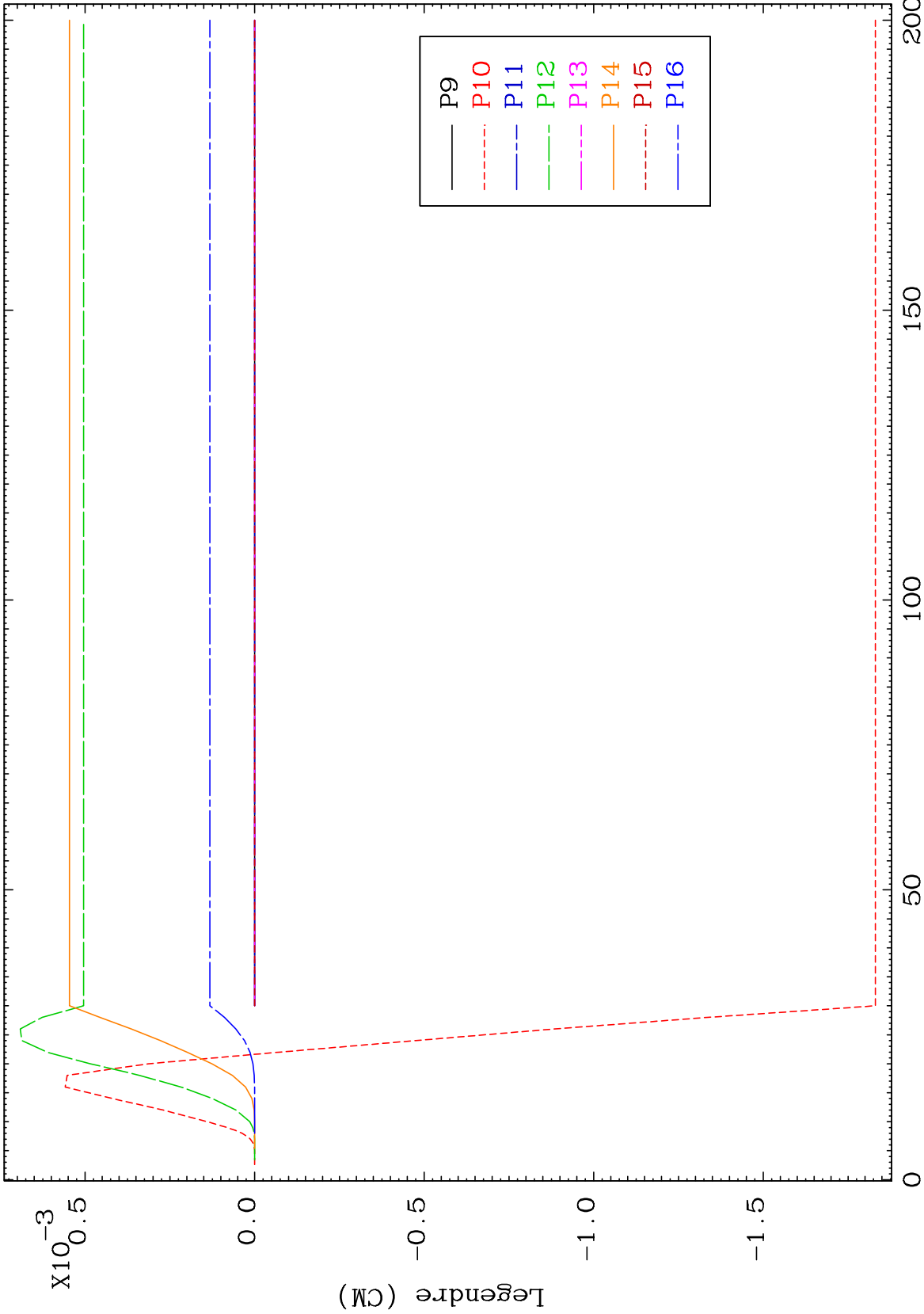
Incident Energy (MeV)

103

MAT 4725

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

47-Ag-107



104

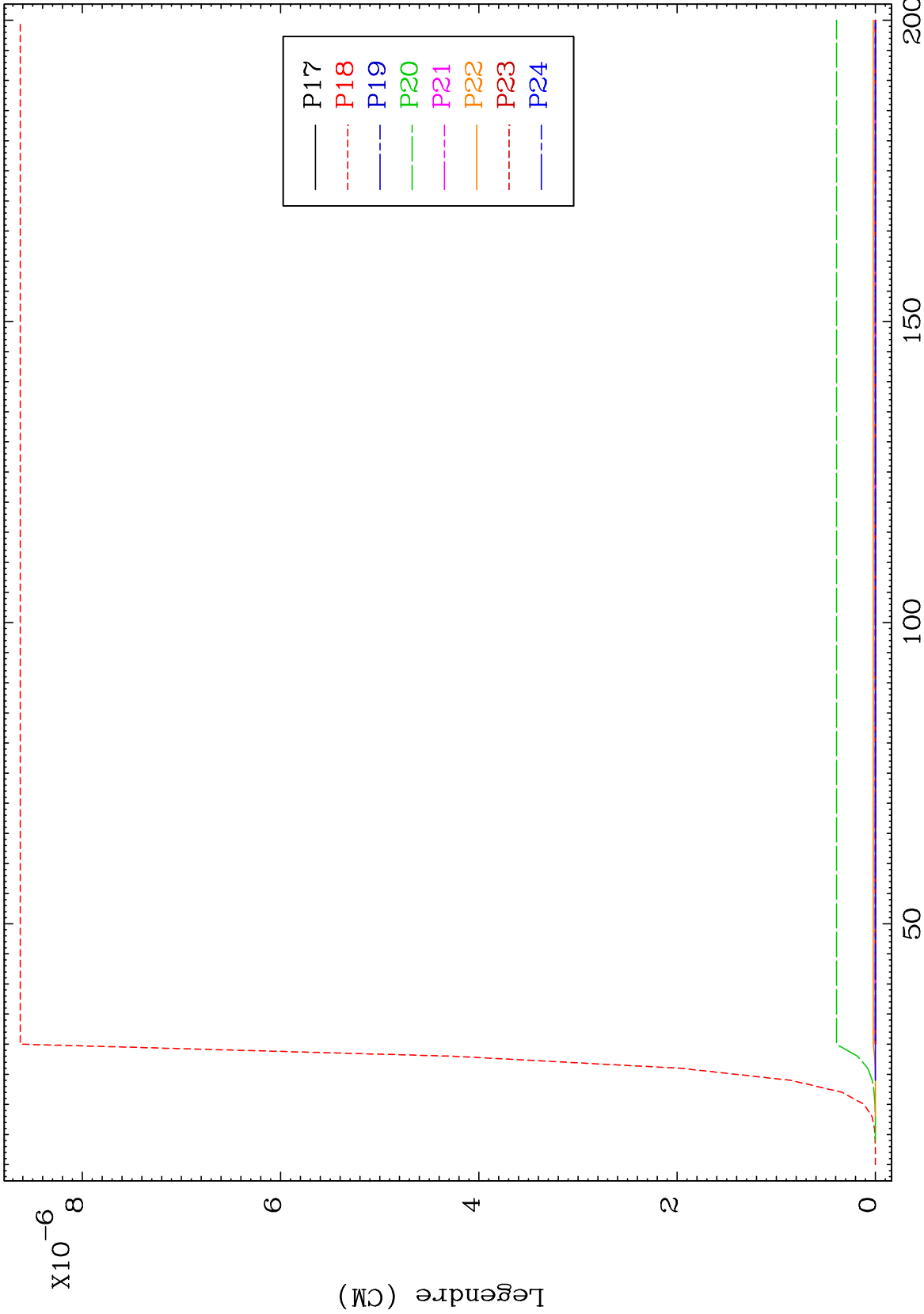
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



105

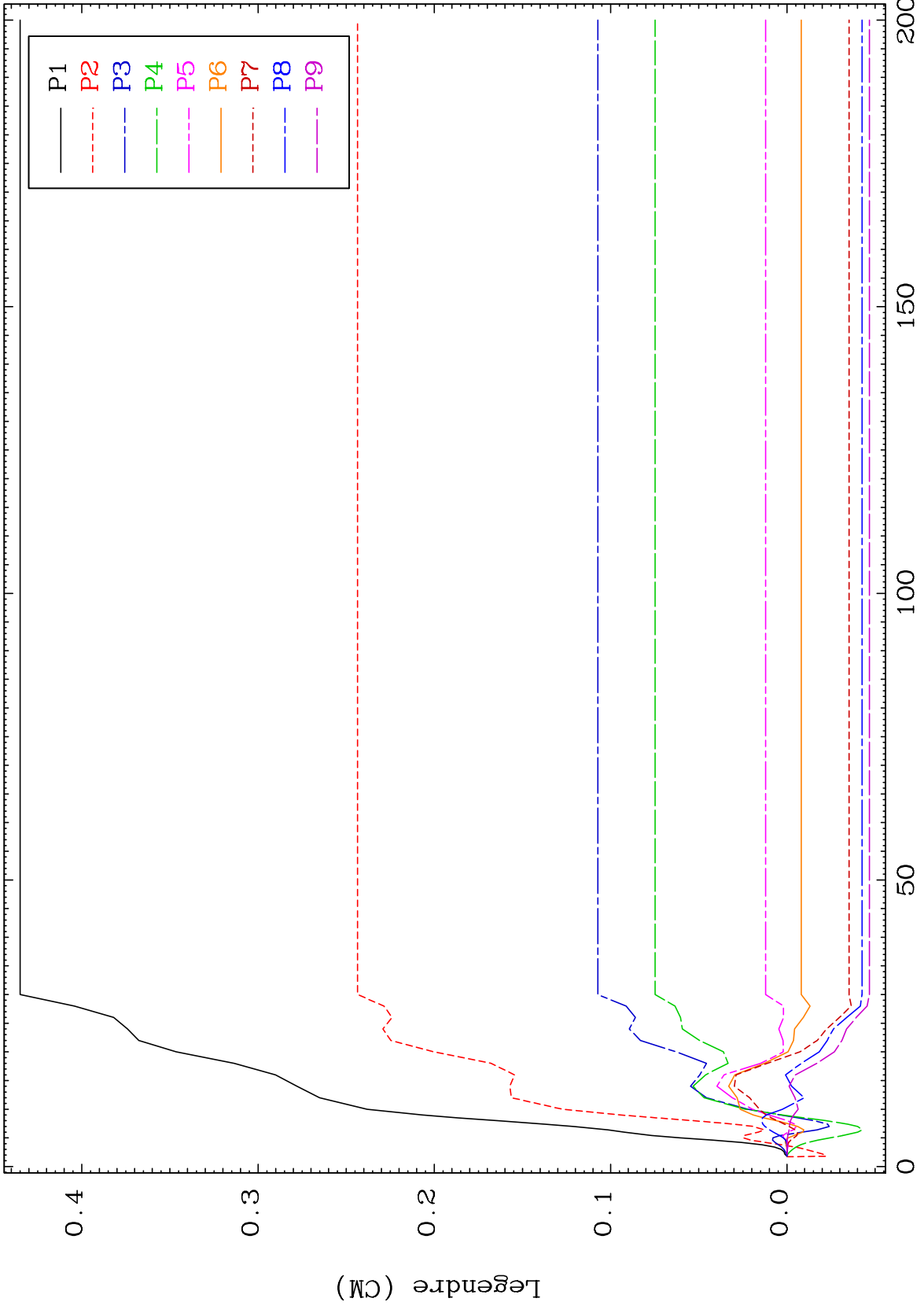
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



106

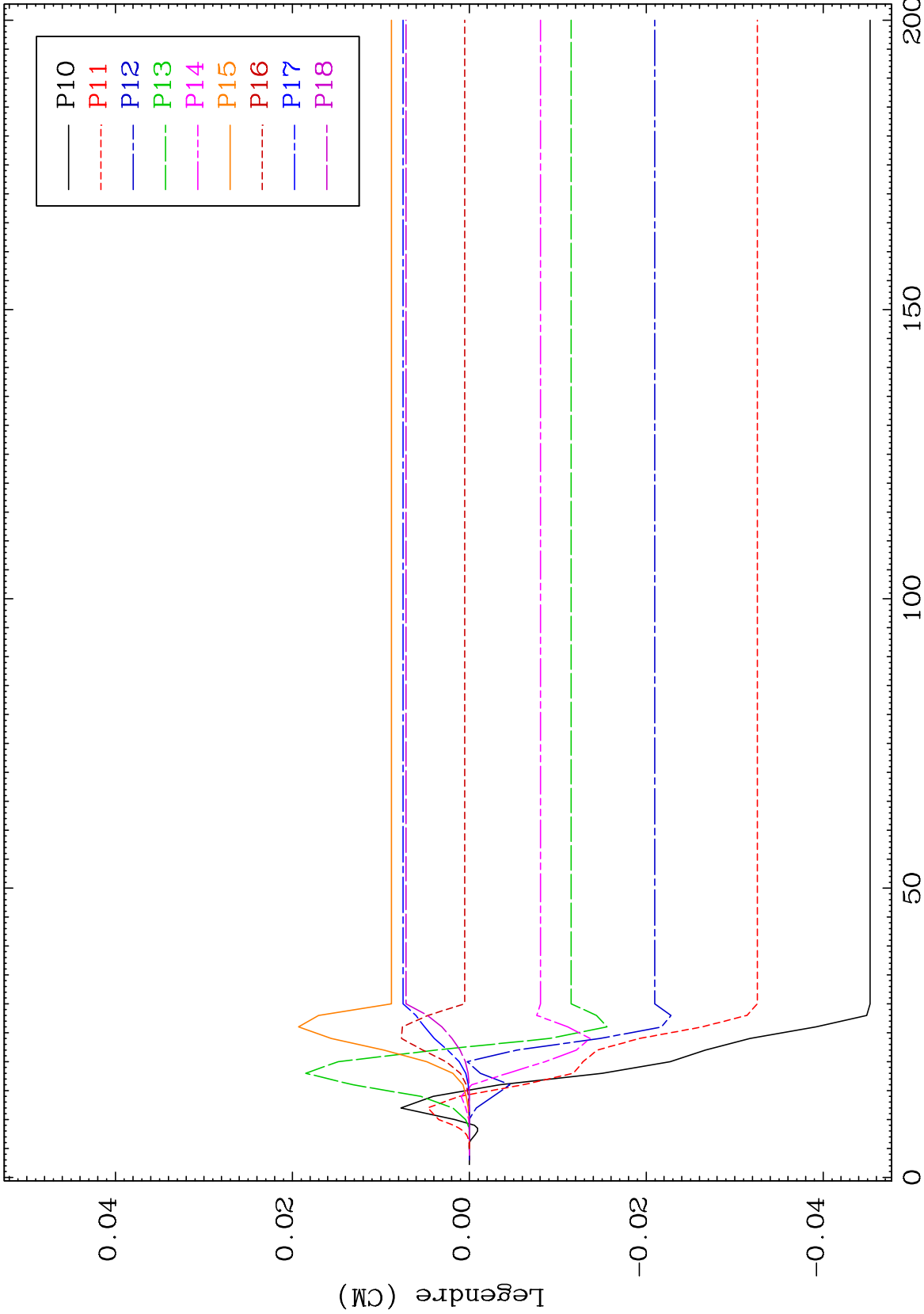
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



107

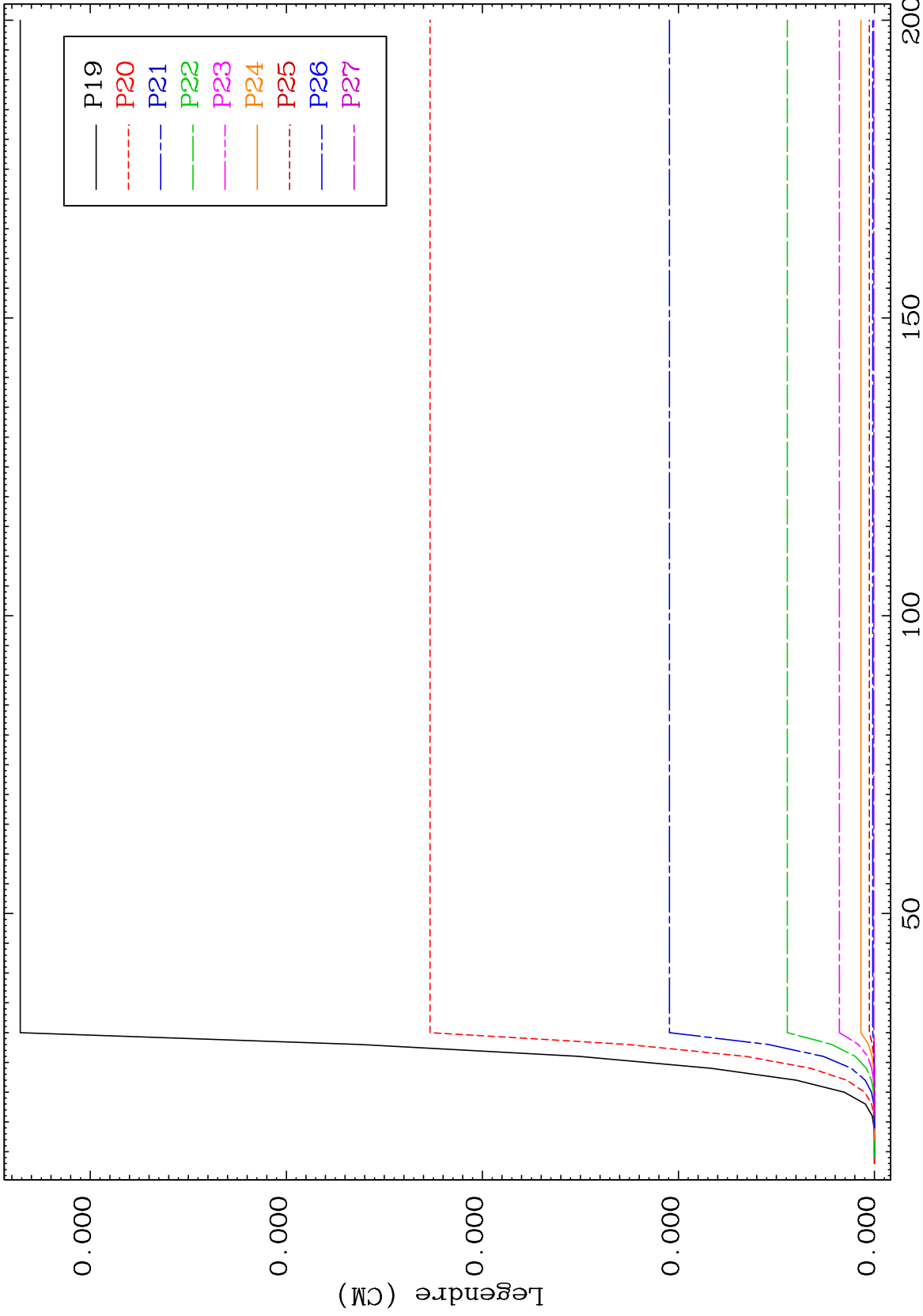
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



108

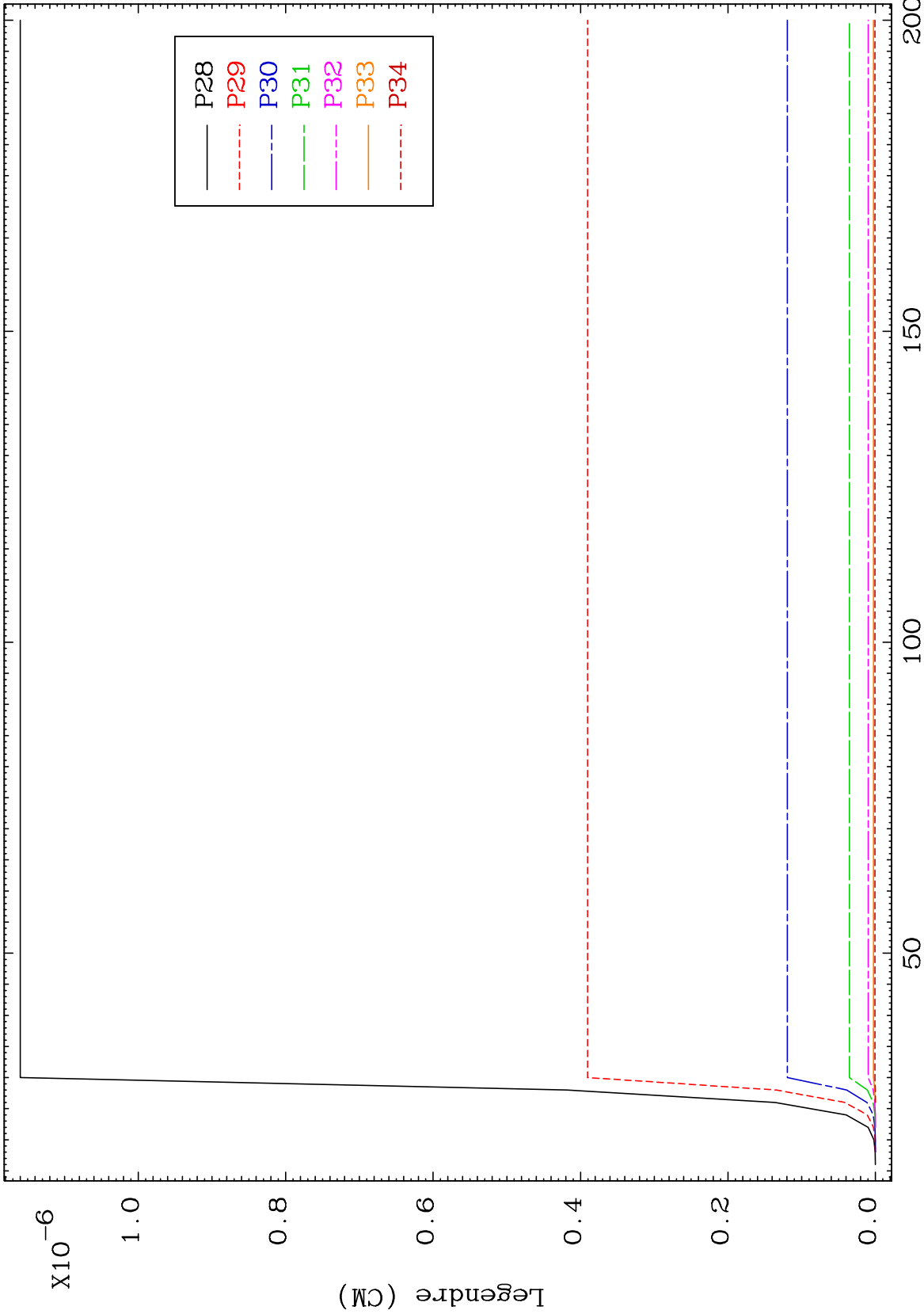
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



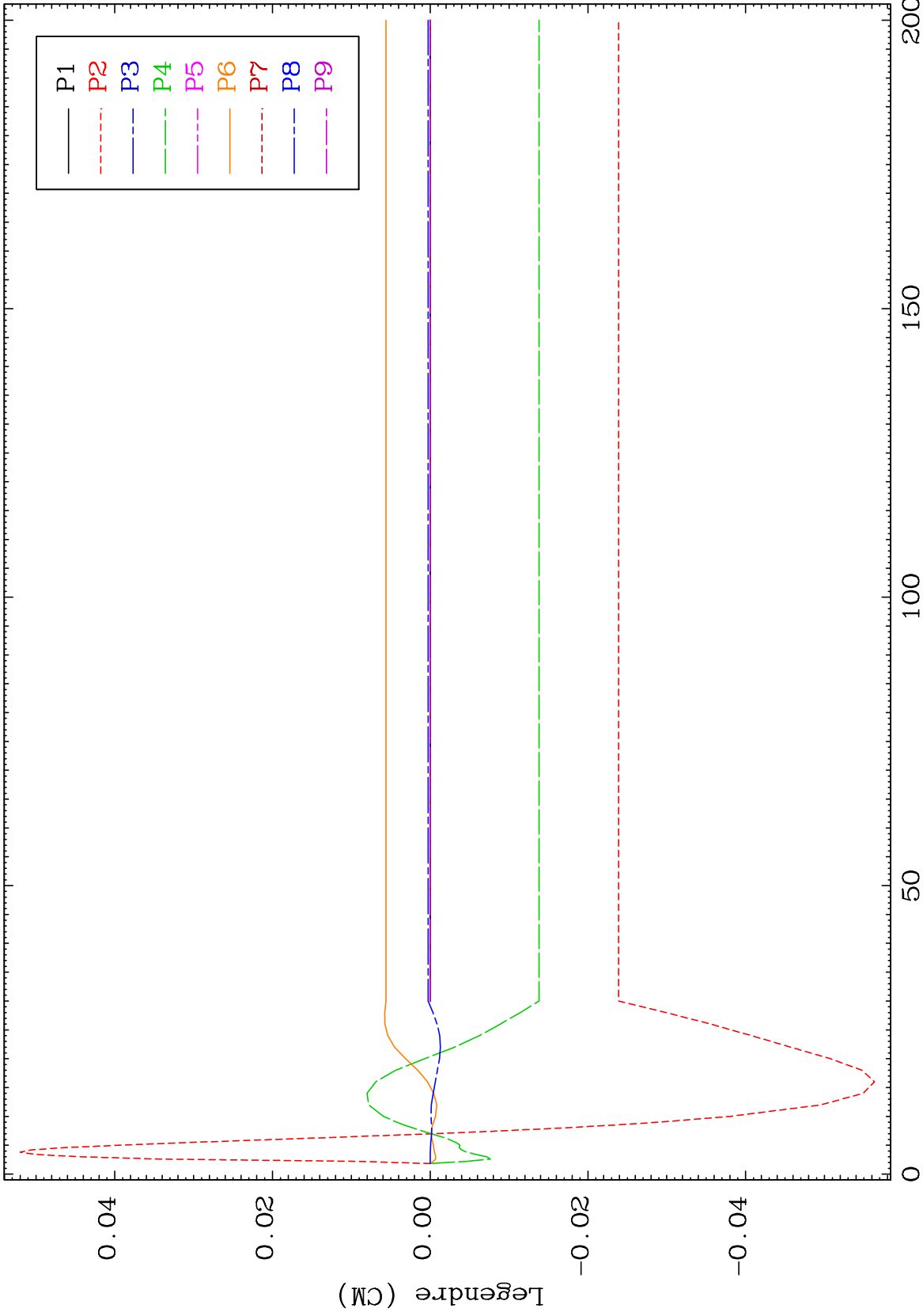
109

47-Ag-107

MAT 4725

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

47-Ag-107



110

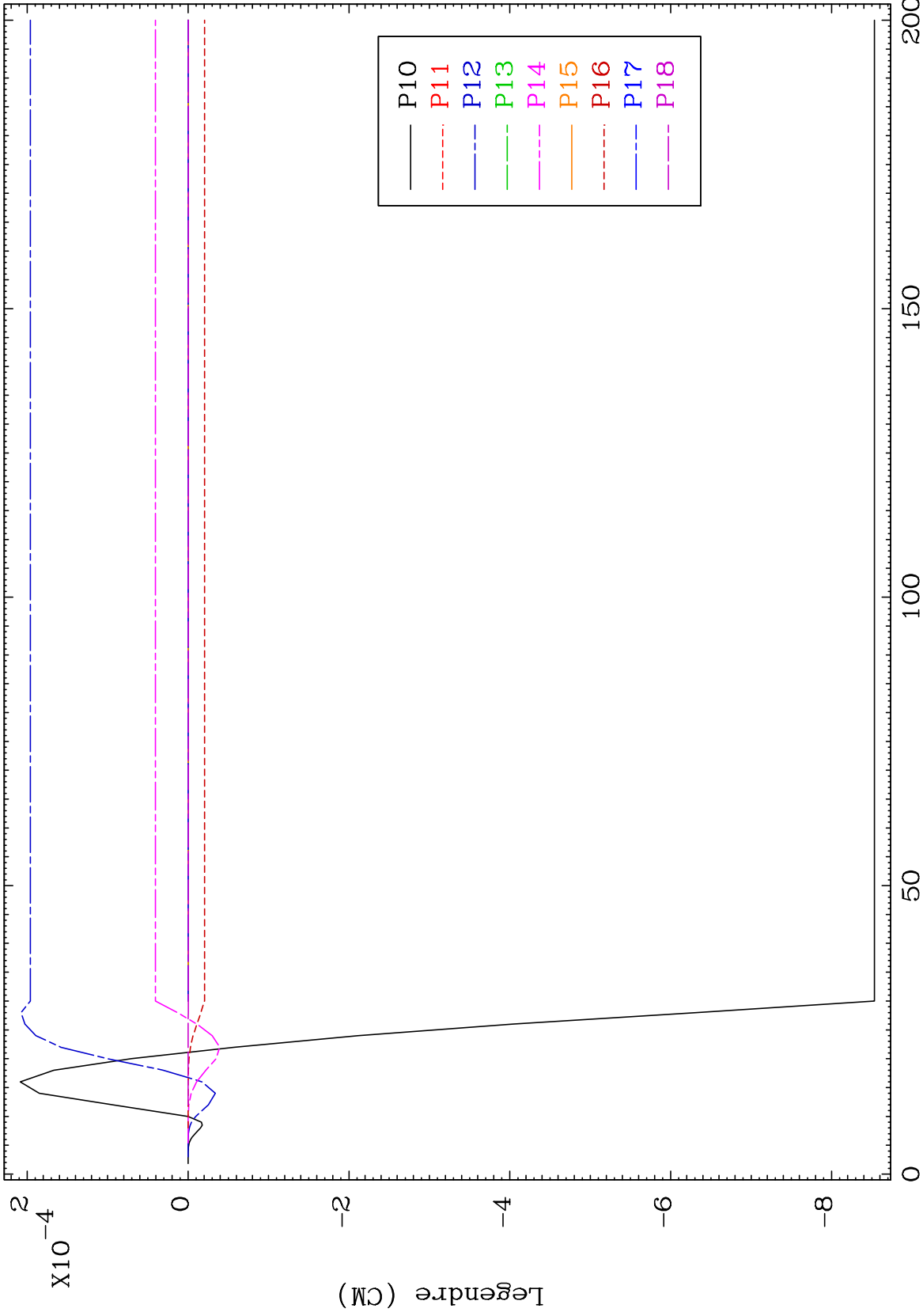
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



111

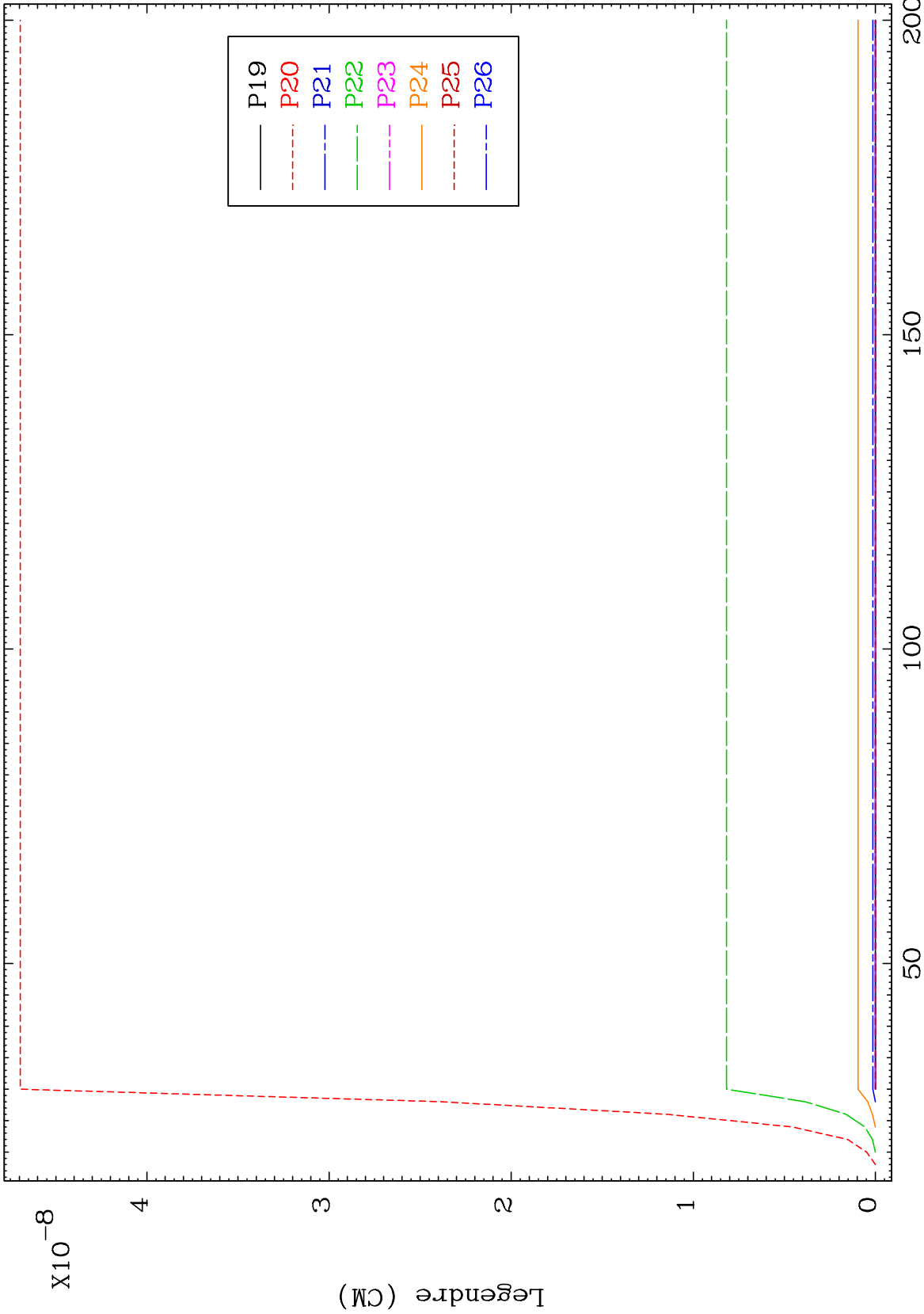
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



112

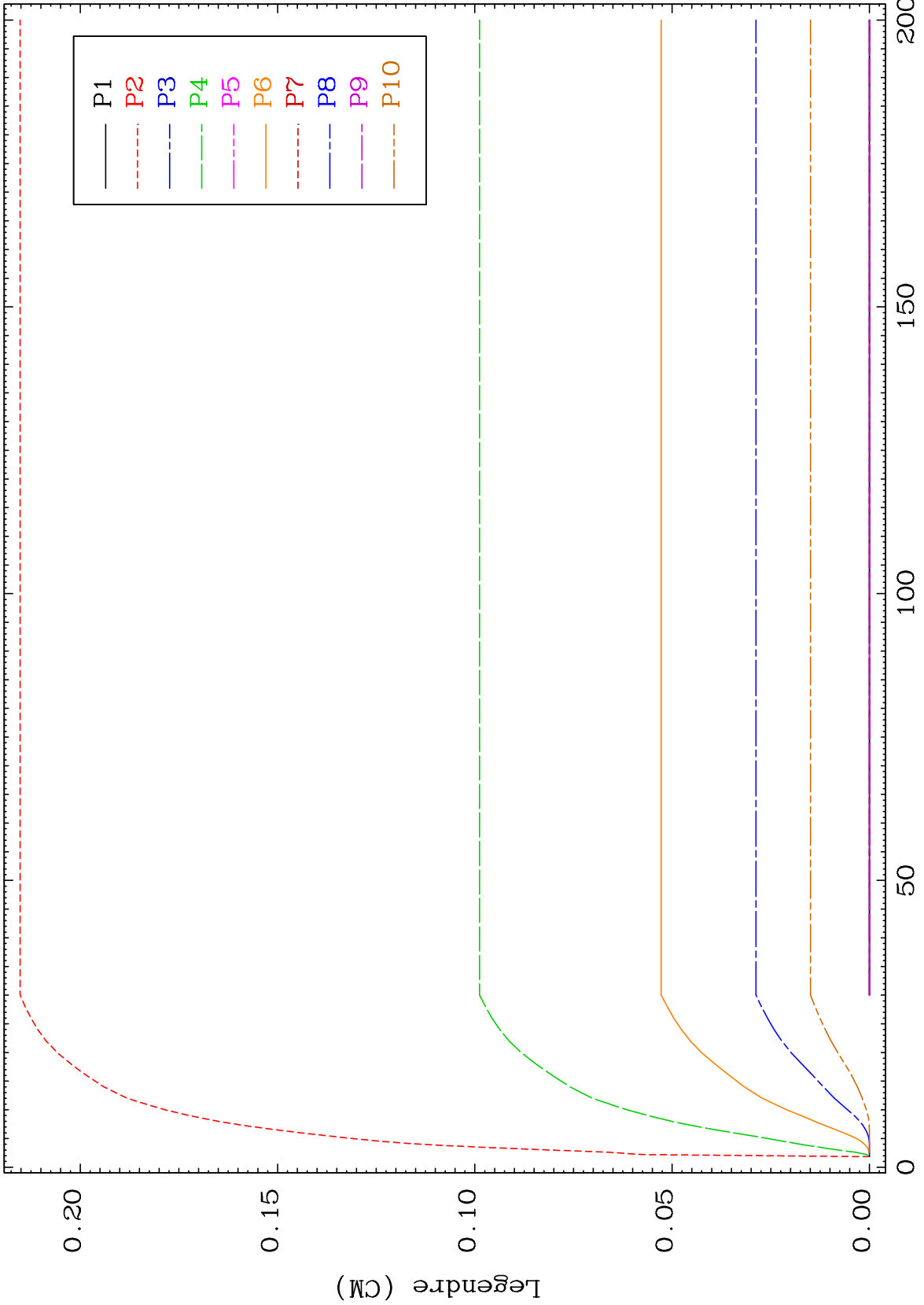
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



113

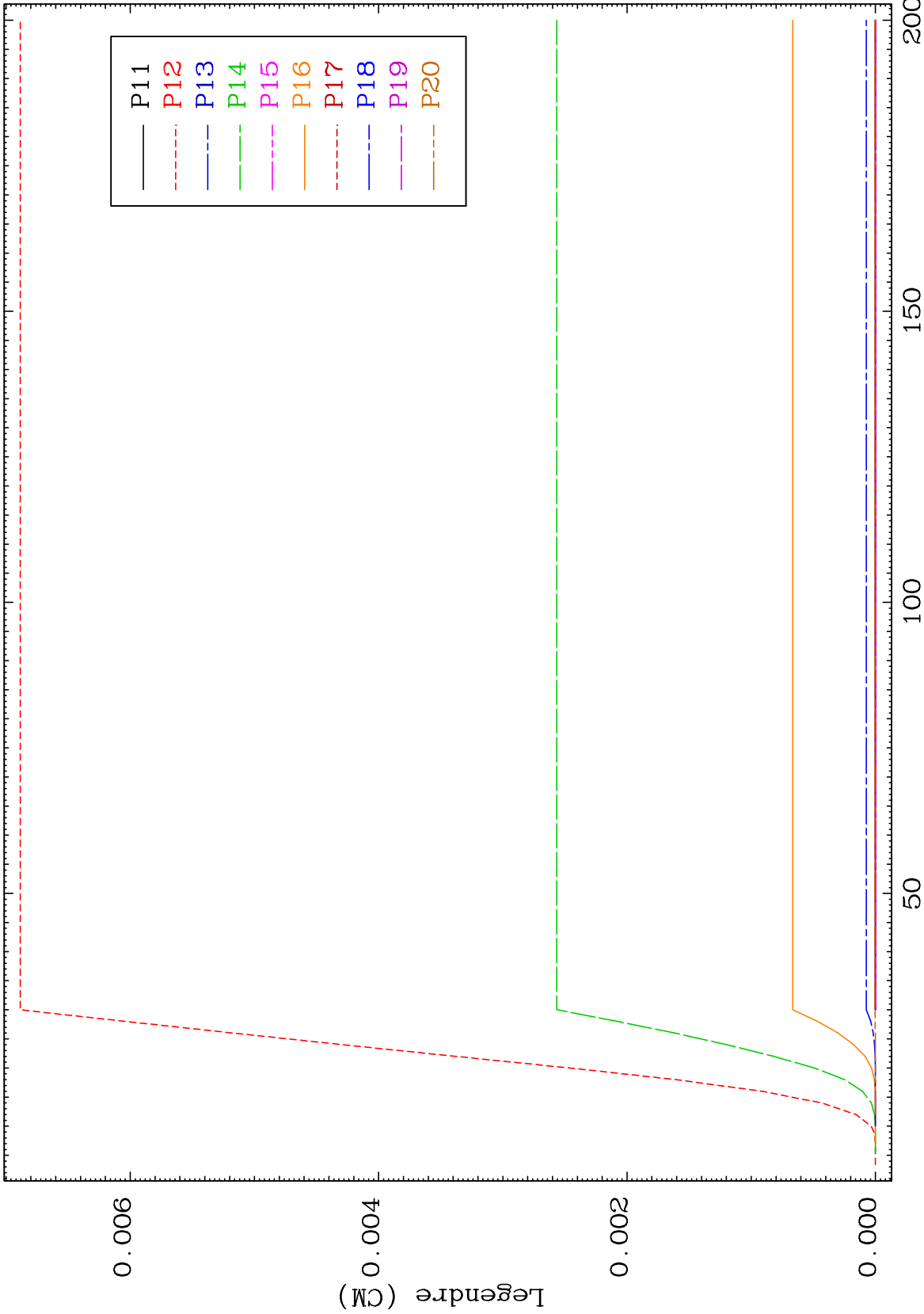
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



114

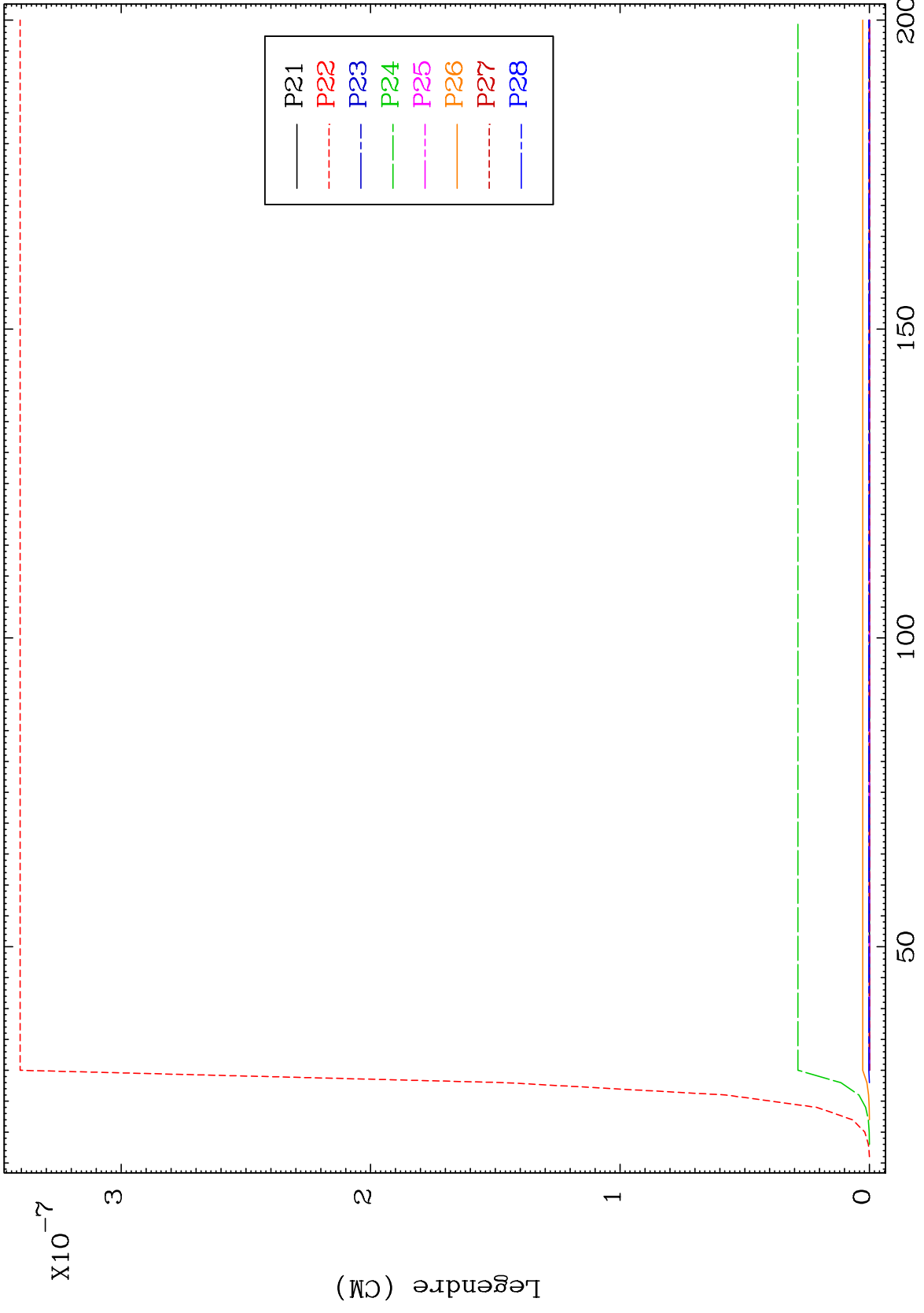
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

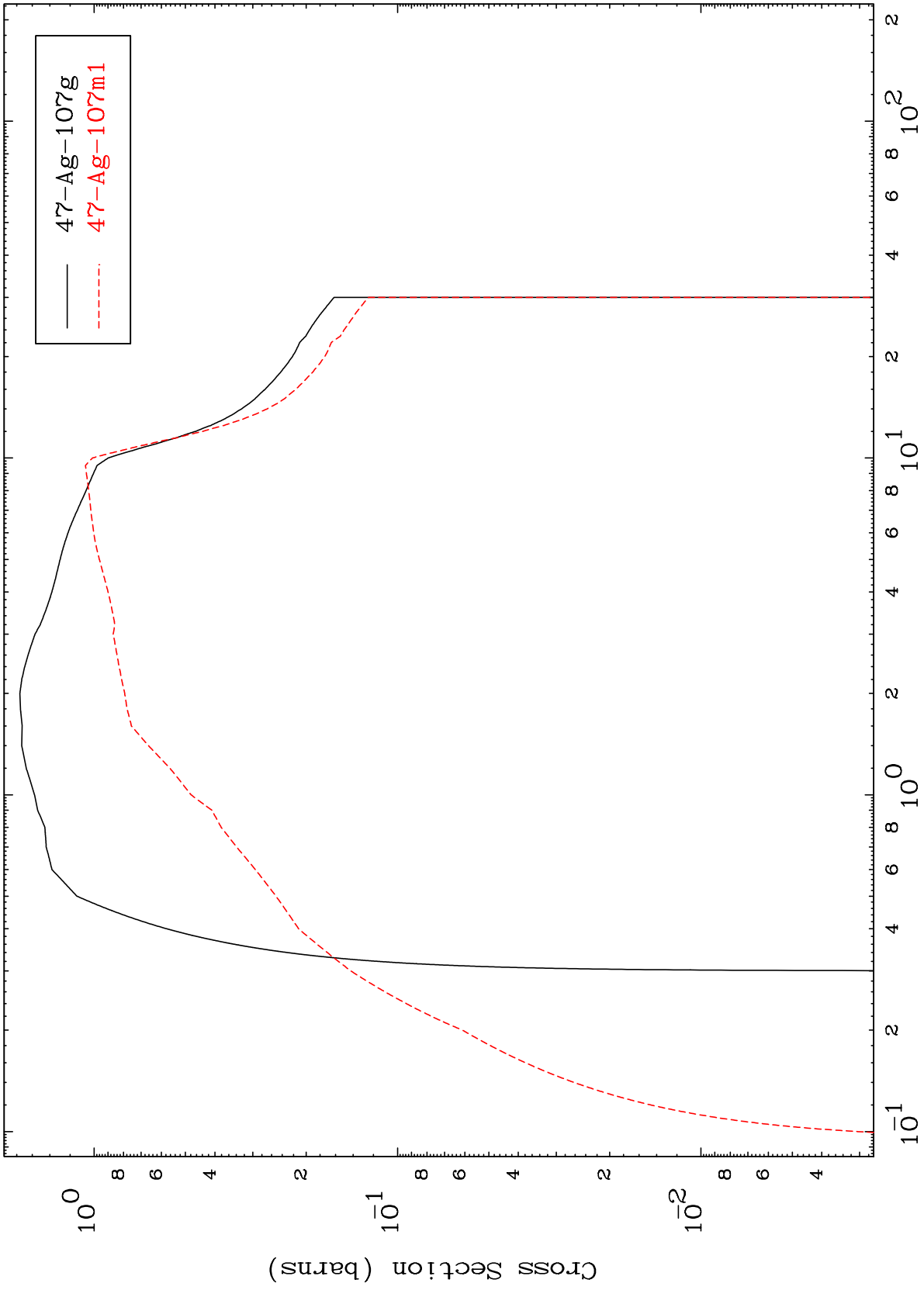
Incident Energy (MeV)

115

MAT 4725

47-Ag-107

Inelastic Radionuclide Production Cross Section



116

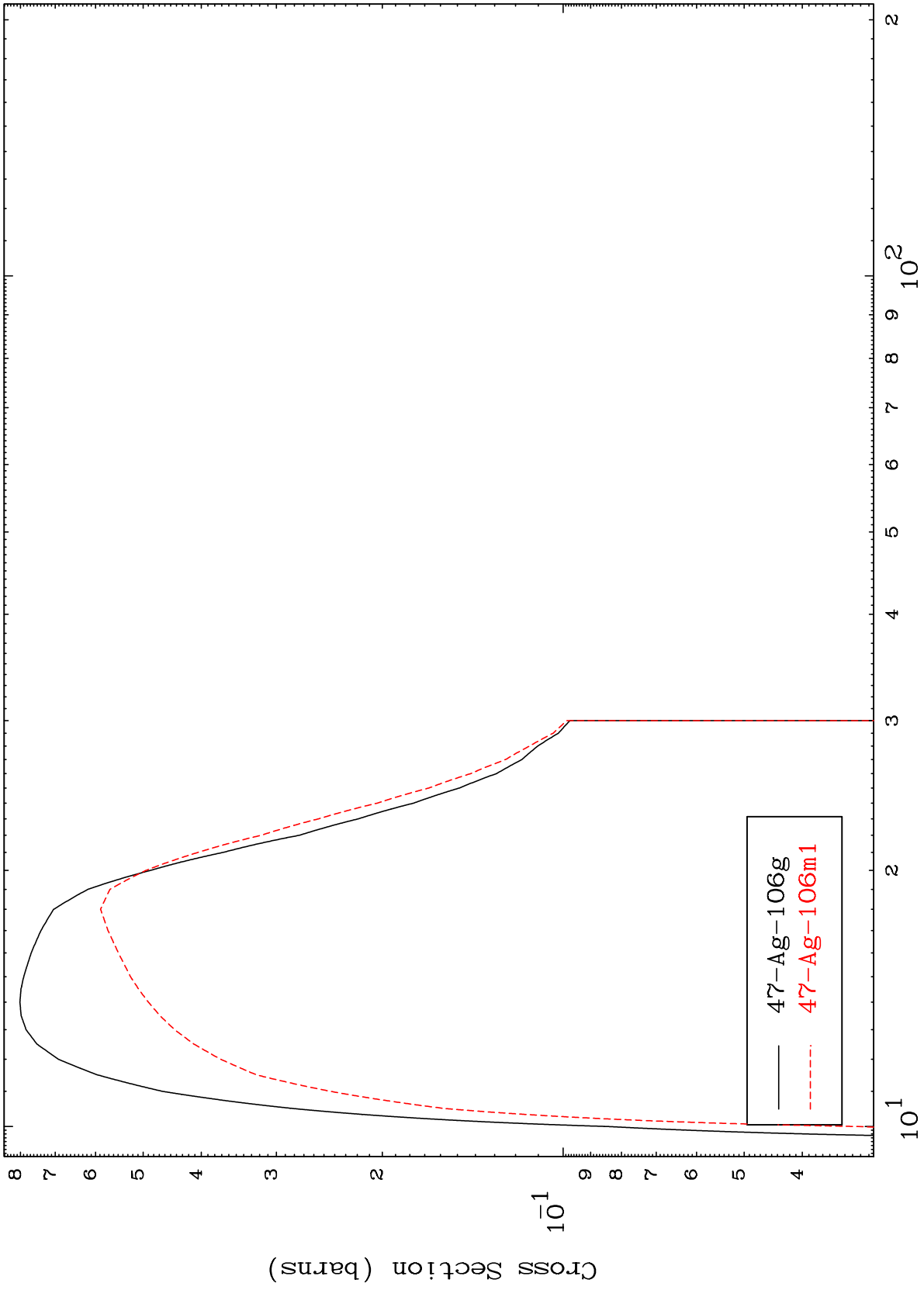
Incident Energy (MeV)

47-Ag-107

MAT 4725

47-Ag-107

(n,2n)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

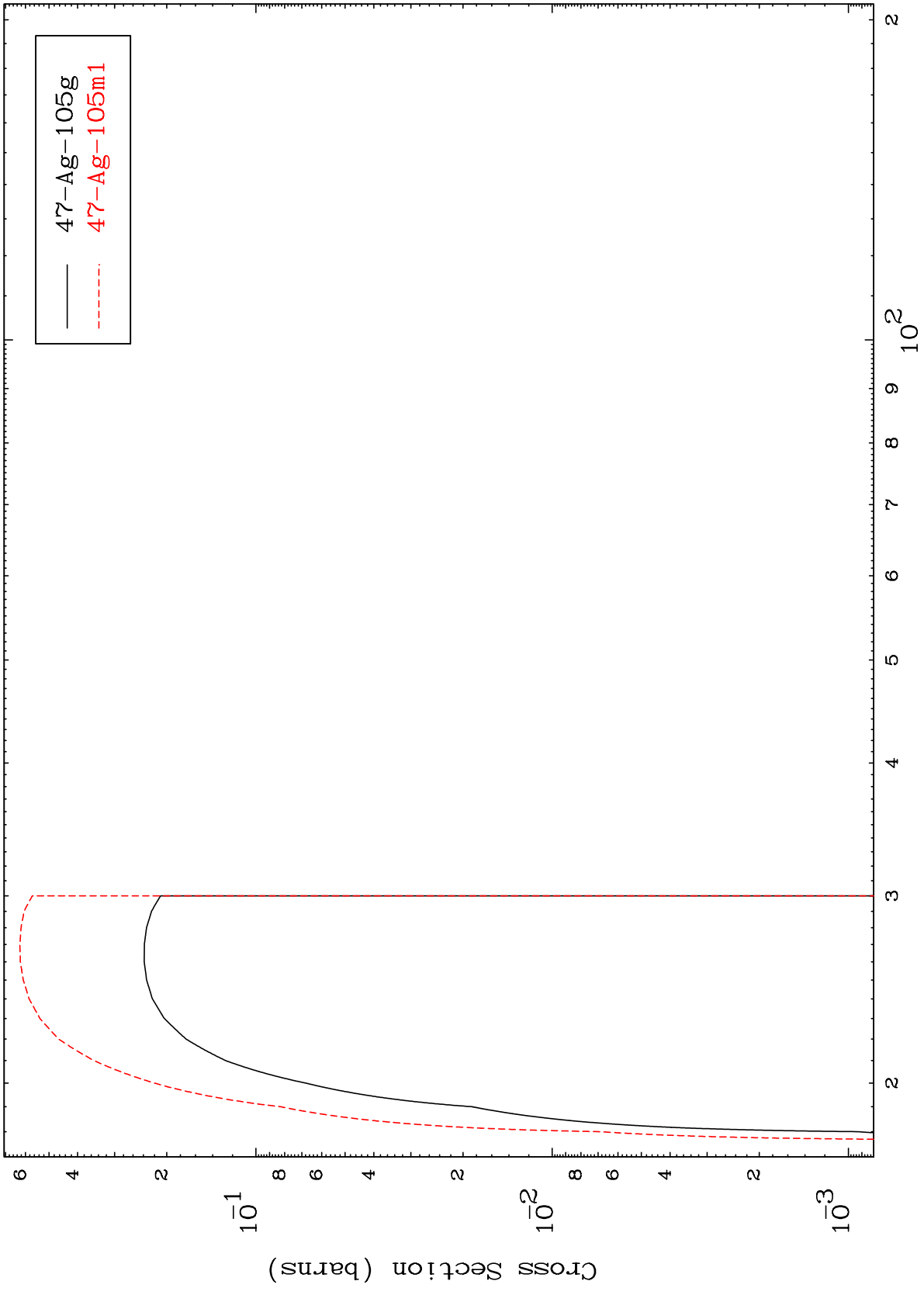
47-Ag-107

MAT 4725

(n,3n)

47-Ag-107

Radionuclide Production Cross Section



47-Ag-105g
47-Ag-105m1

118

Incident Energy (MeV)

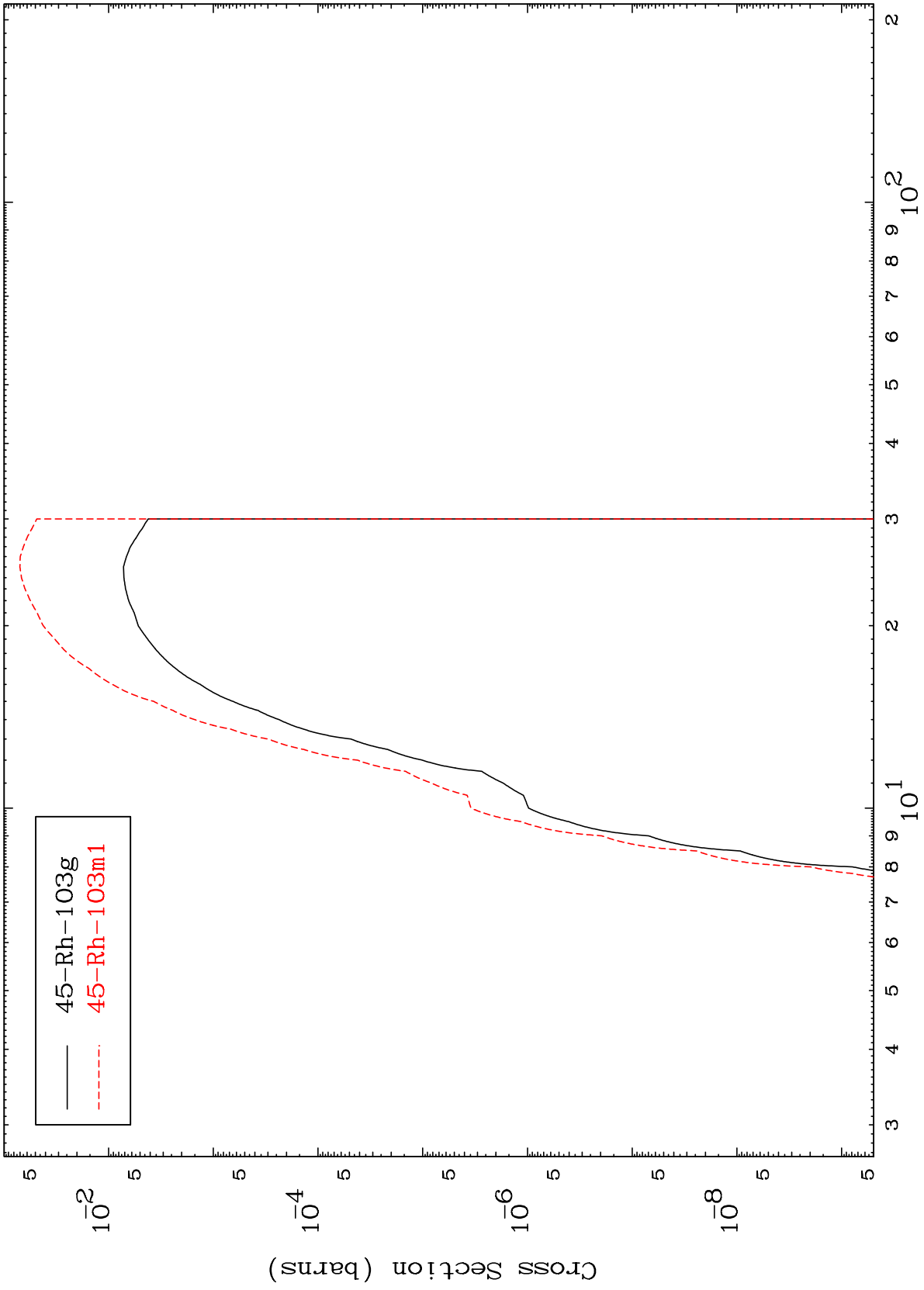
47-Ag-107

MAT 4725

(n,n') α

47-Ag-107

Radionuclide Production Cross Section



119

Incident Energy (MeV)

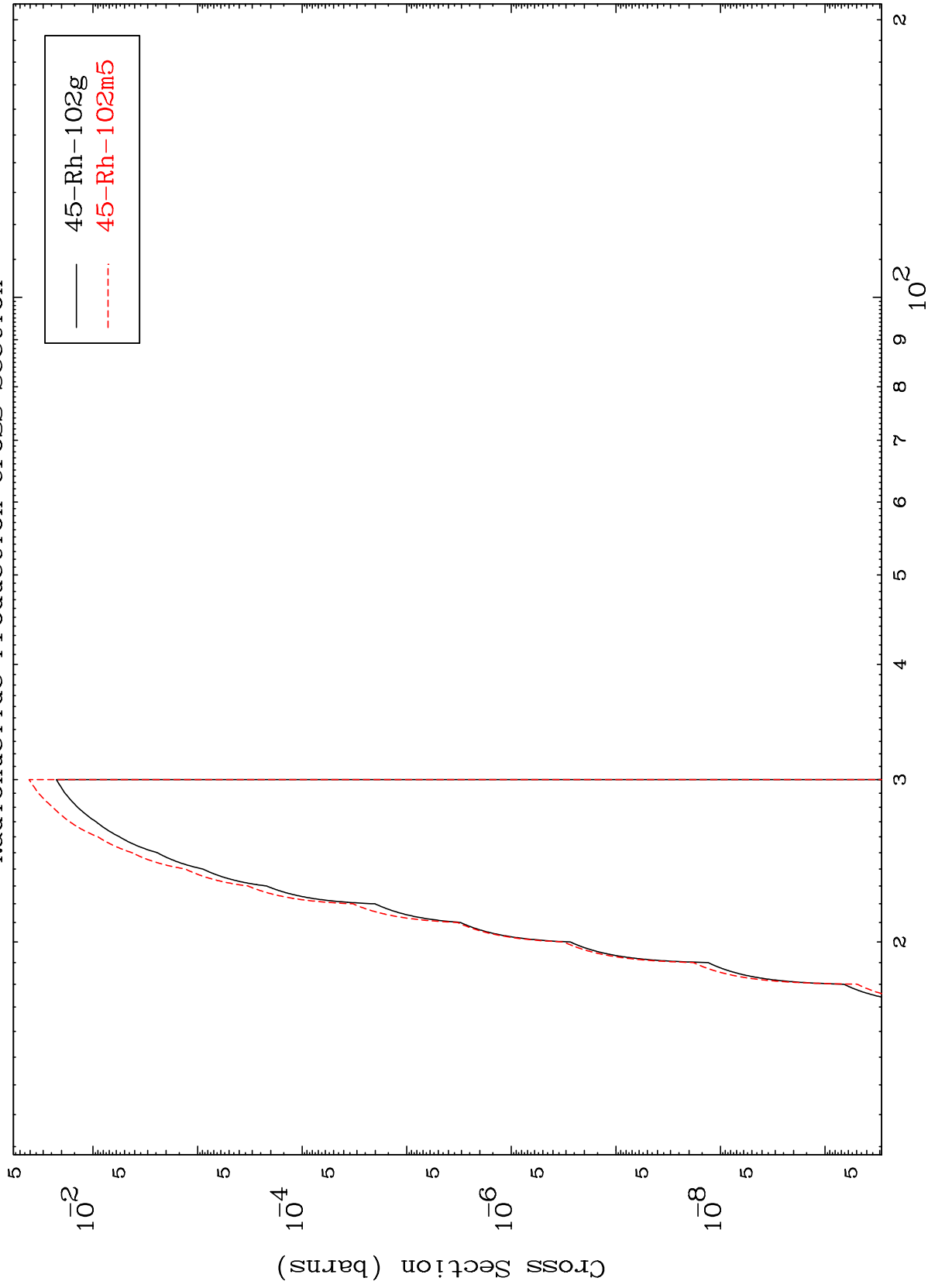
47-Ag-107

MAT 4725

(n,2n) α

47-Ag-107

Radionuclide Production Cross Section



120

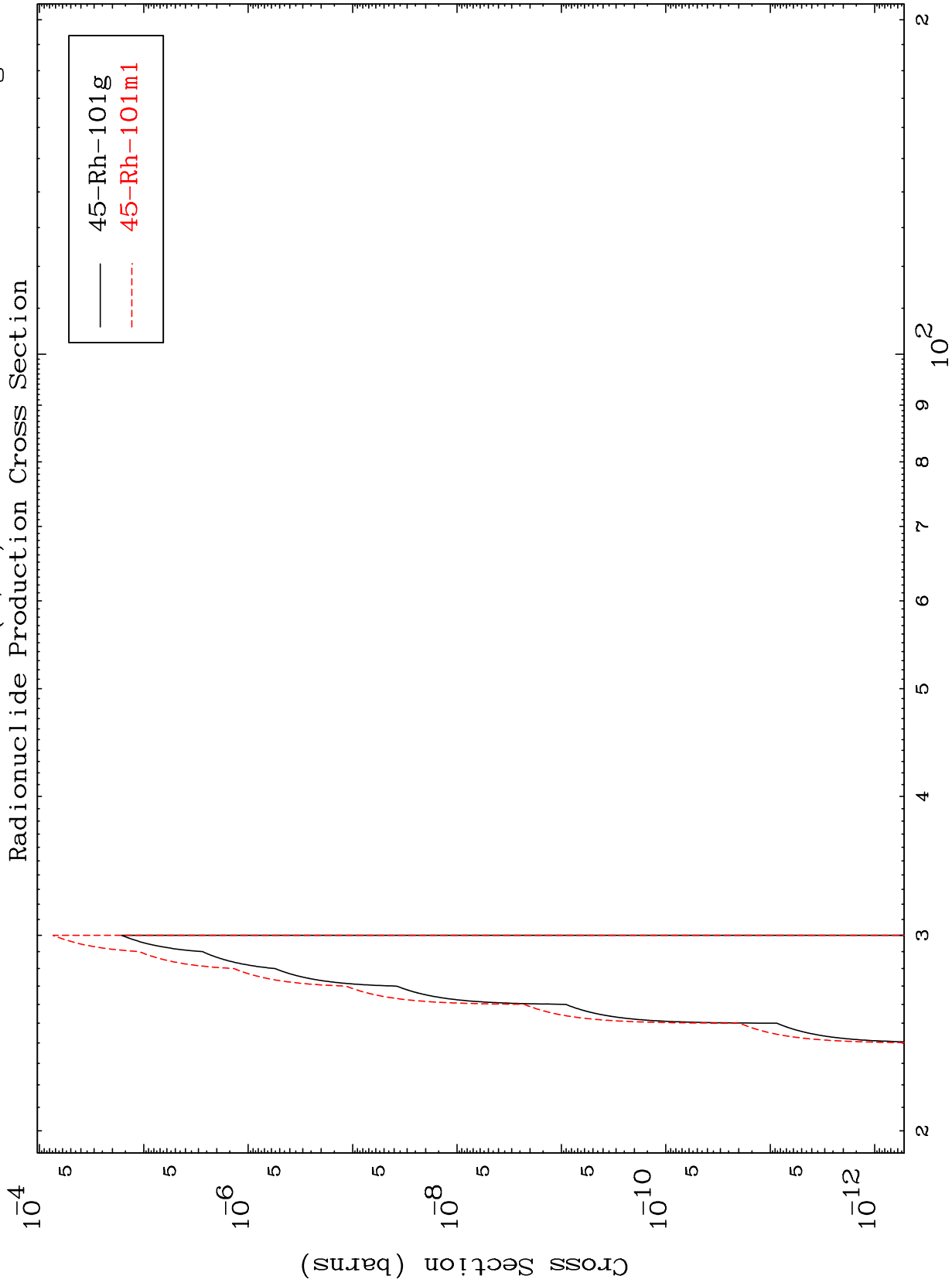
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,3n) α

47-Ag-107



121

Incident Energy (MeV)

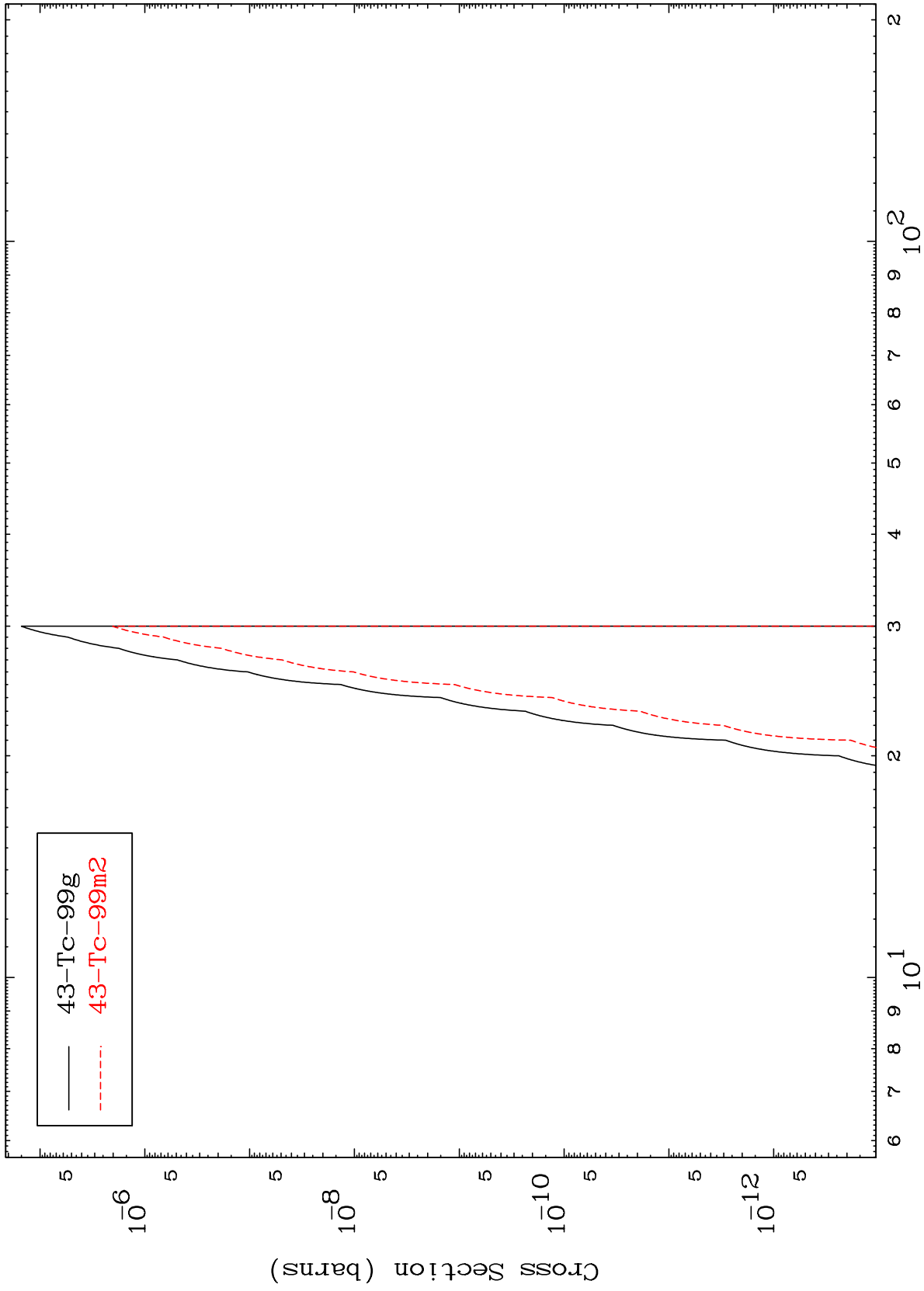
47-Ag-107

MAT 4725

(n,n') 2 α

47-Ag-107

Radionuclide Production Cross Section



122

Incident Energy (MeV)

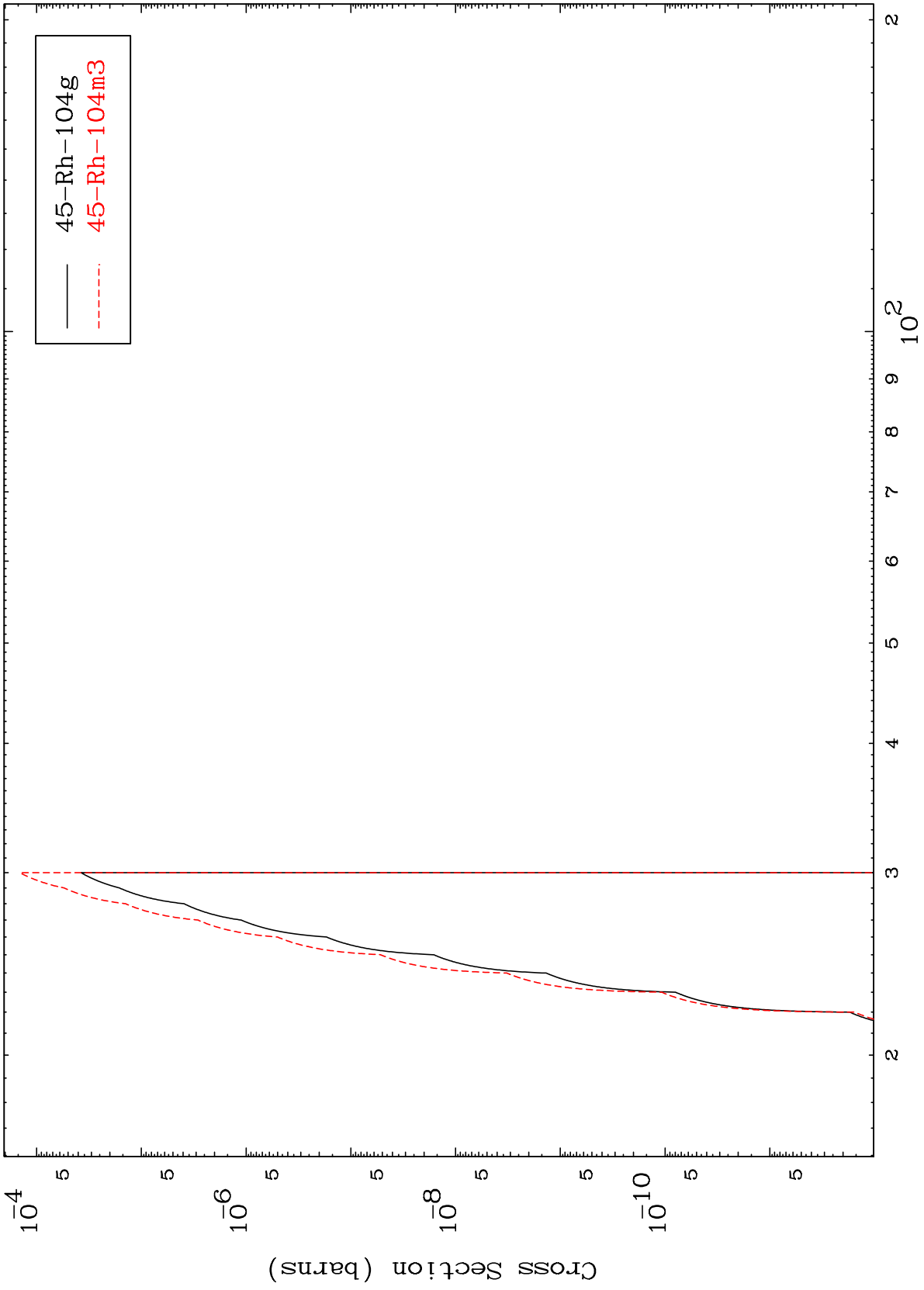
47-Ag-107

MAT 4725

(n, n') He-3

47-Ag-107

Radionuclide Production Cross Section



123

Incident Energy (MeV)

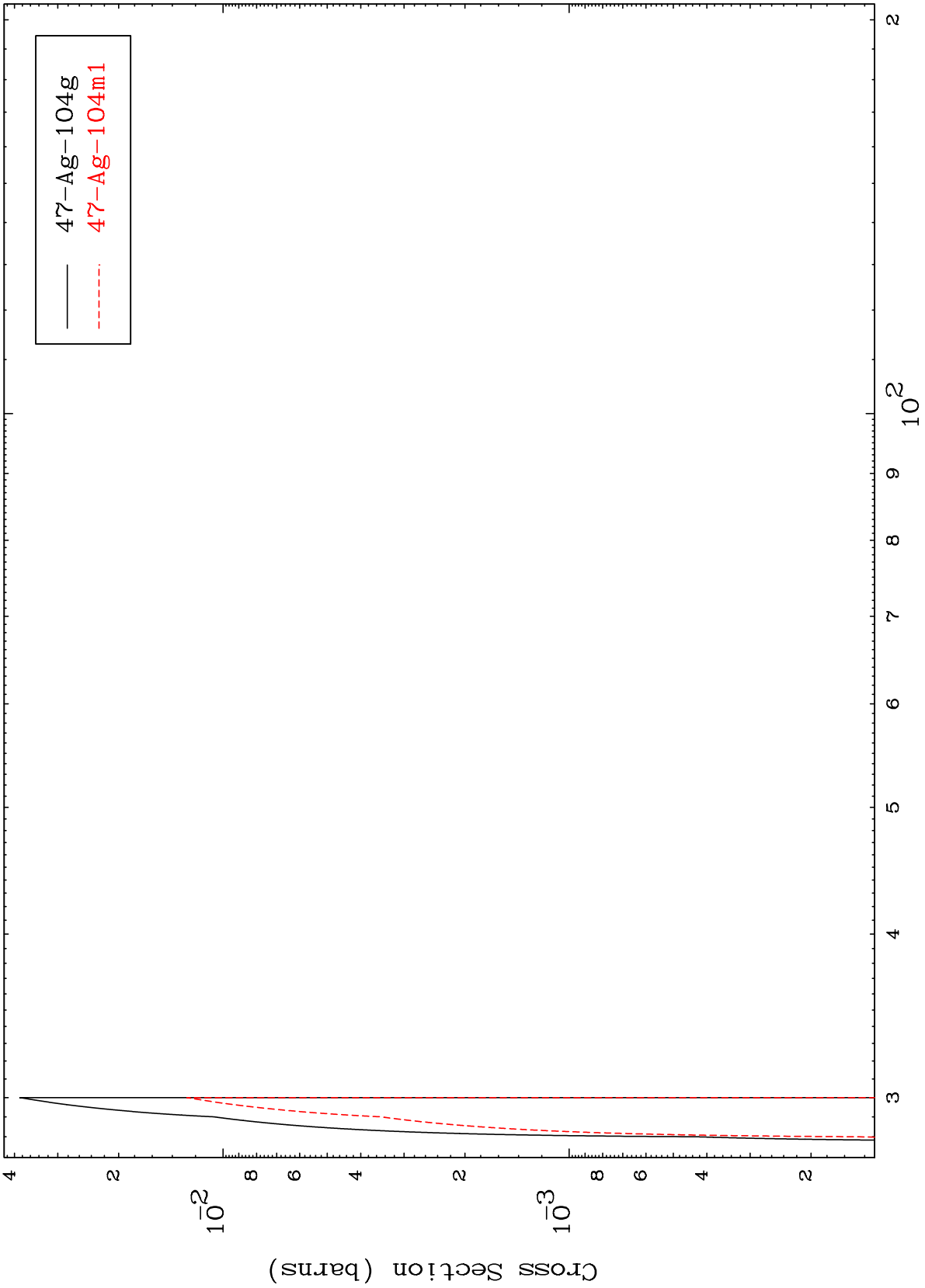
47-Ag-107

MAT 4725

(n,4n)

47-Ag-107

Radionuclide Production Cross Section



124

Incident Energy (MeV)

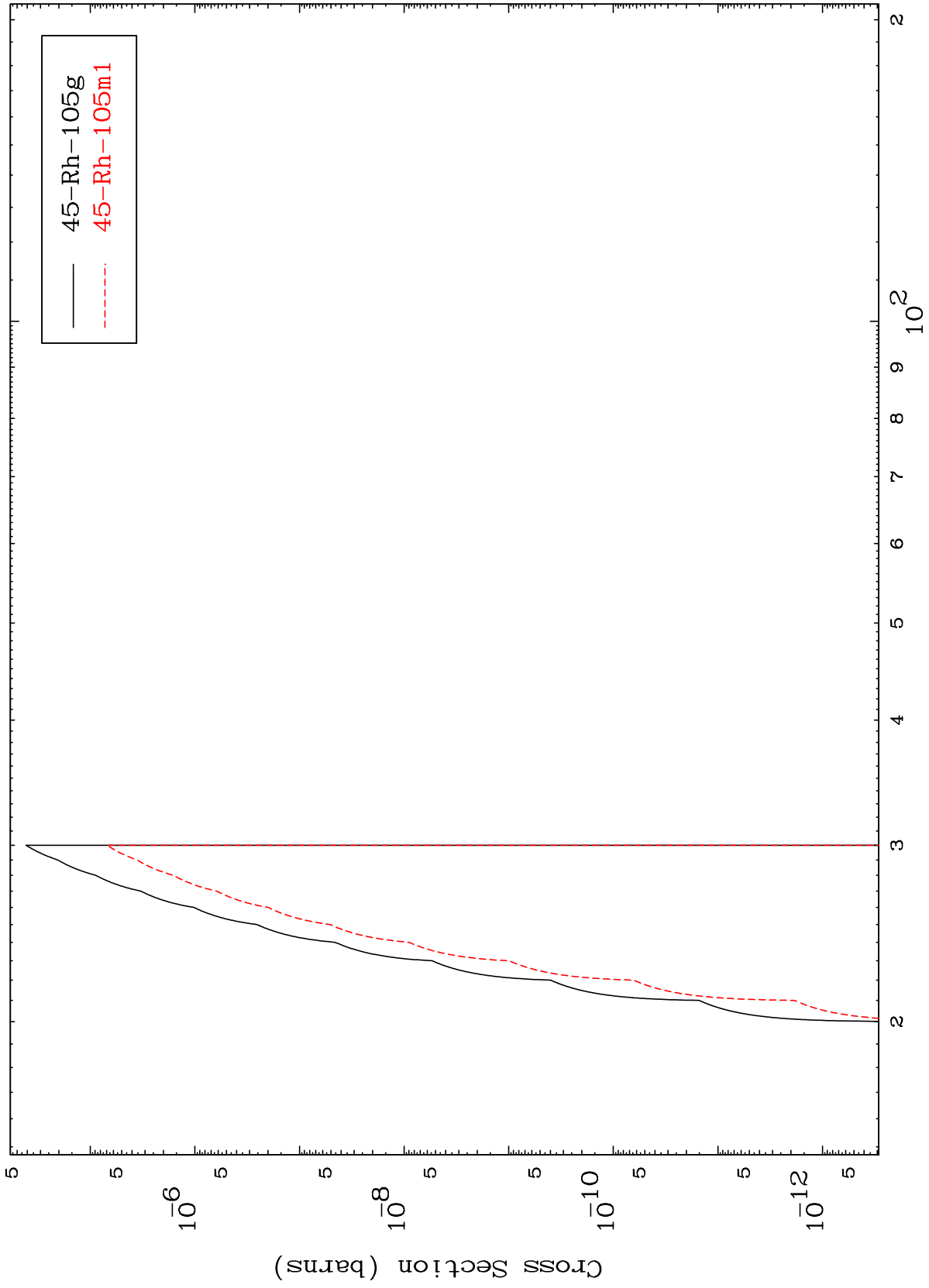
47-Ag-107

MAT 4725

(n,2n) p

47-Ag-107

Radionuclide Production Cross Section



125

Incident Energy (MeV)

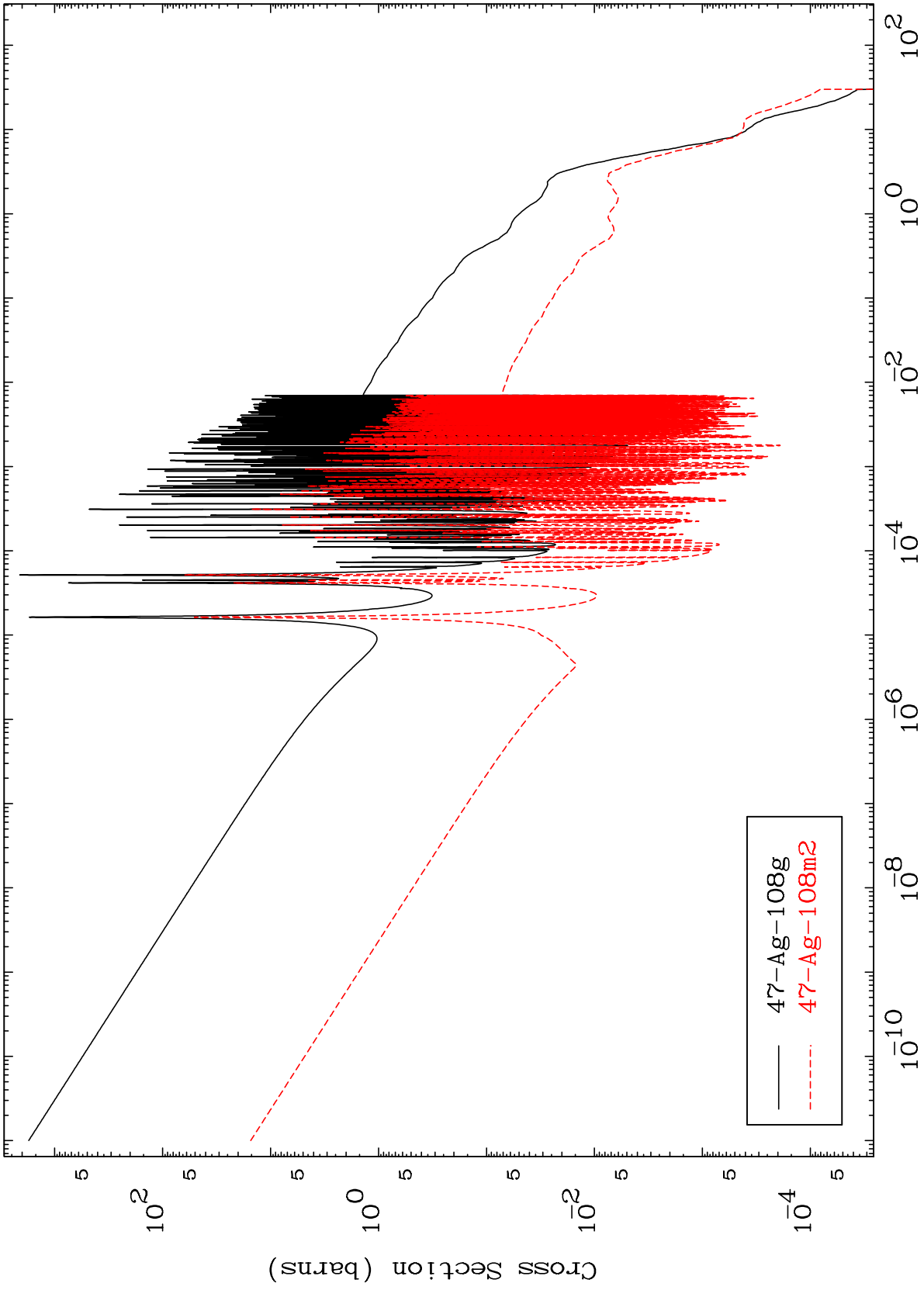
47-Ag-107

MAT 4725

47-Ag-107

Radionuclide Production Cross Section

(n, γ)



126

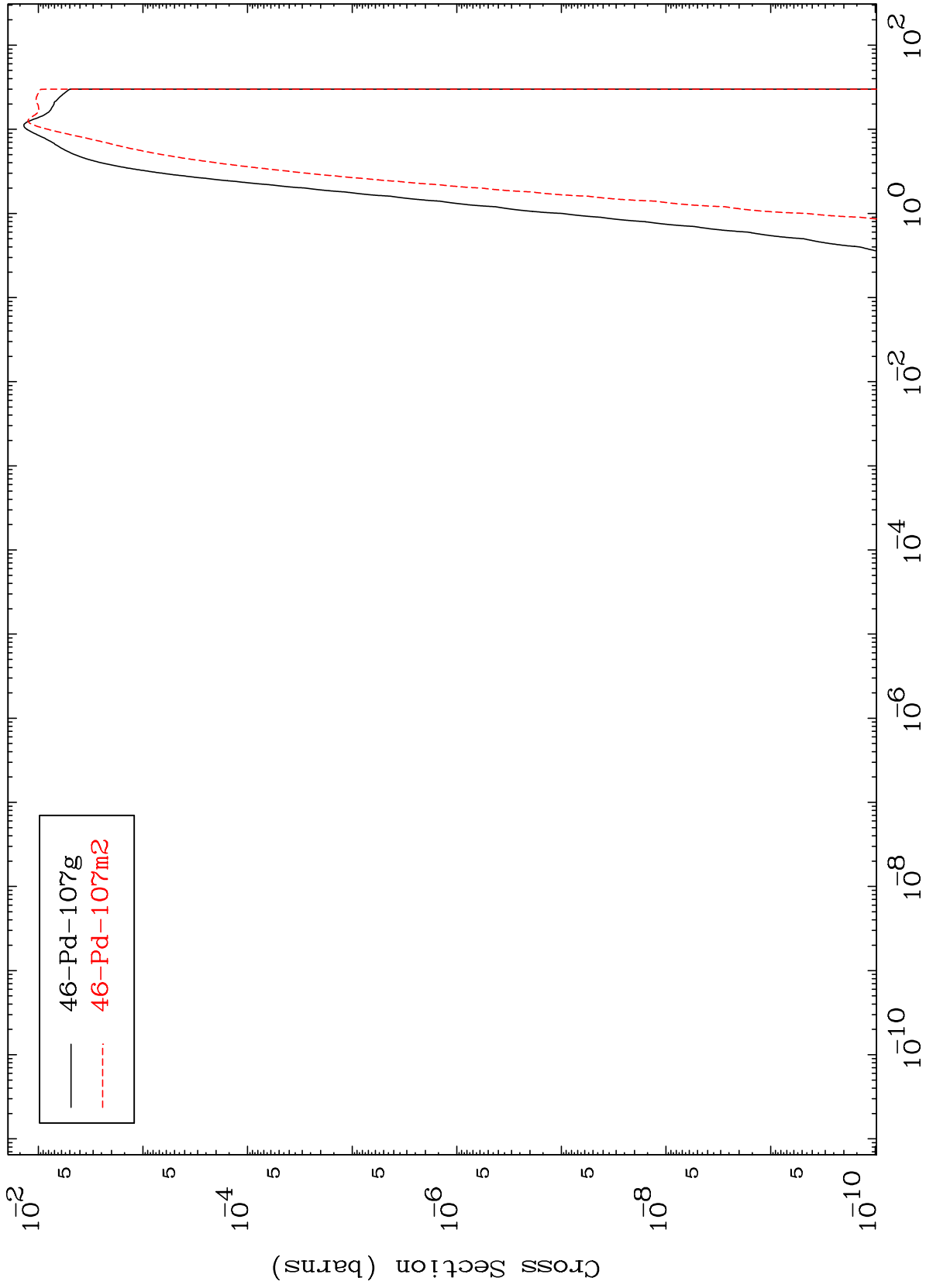
47-Ag-107

MAT 4725

(n,p)

47-Ag-107

Radionuclide Production Cross Section



127

Incident Energy (MeV)

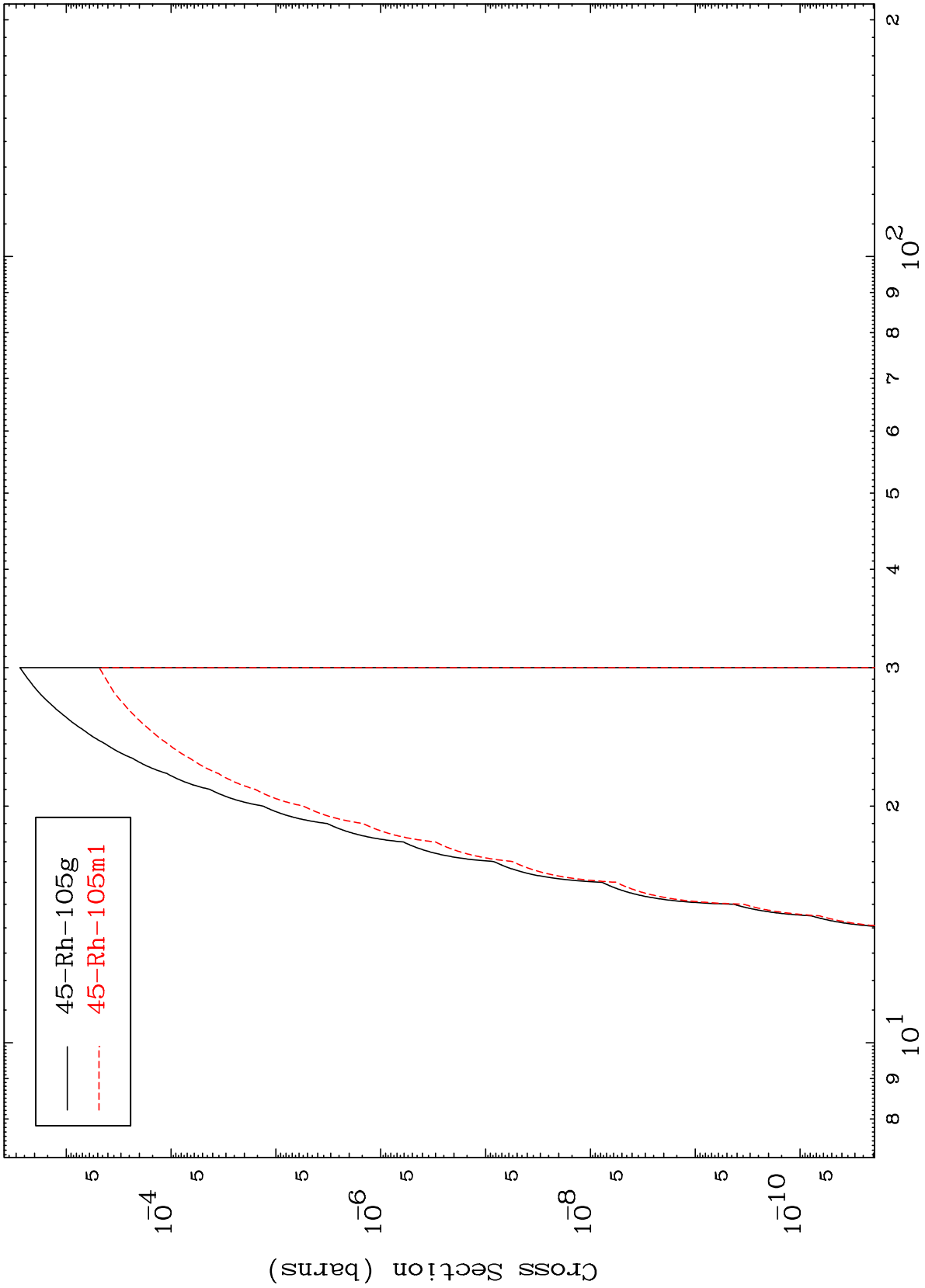
47-Ag-107

MAT 4725

(n, He-3)

47-Ag-107

Radionuclide Production Cross Section



128

Incident Energy (MeV)

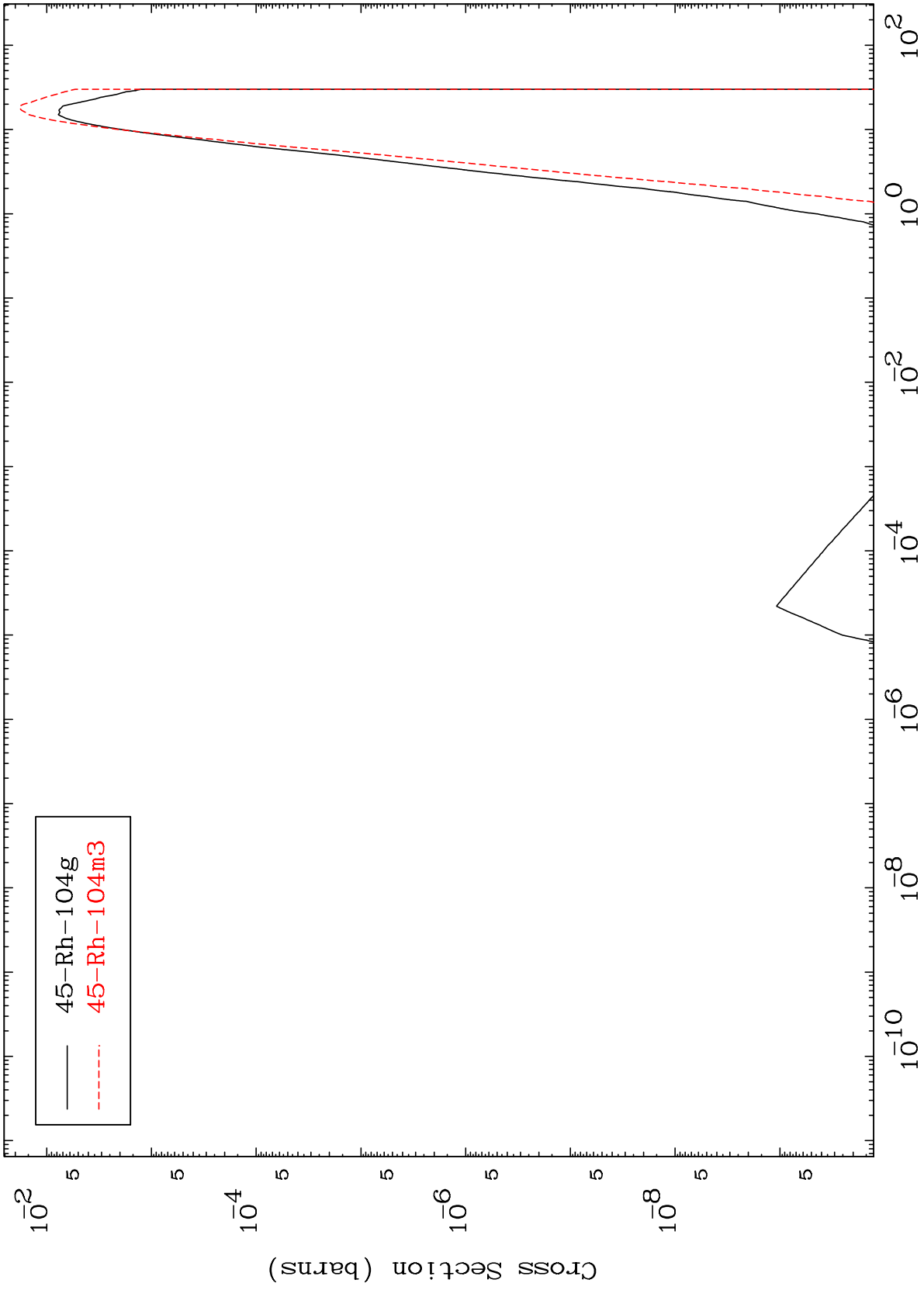
47-Ag-107

MAT 4725

(n, α)

47-Ag-107

Radionuclide Production Cross Section

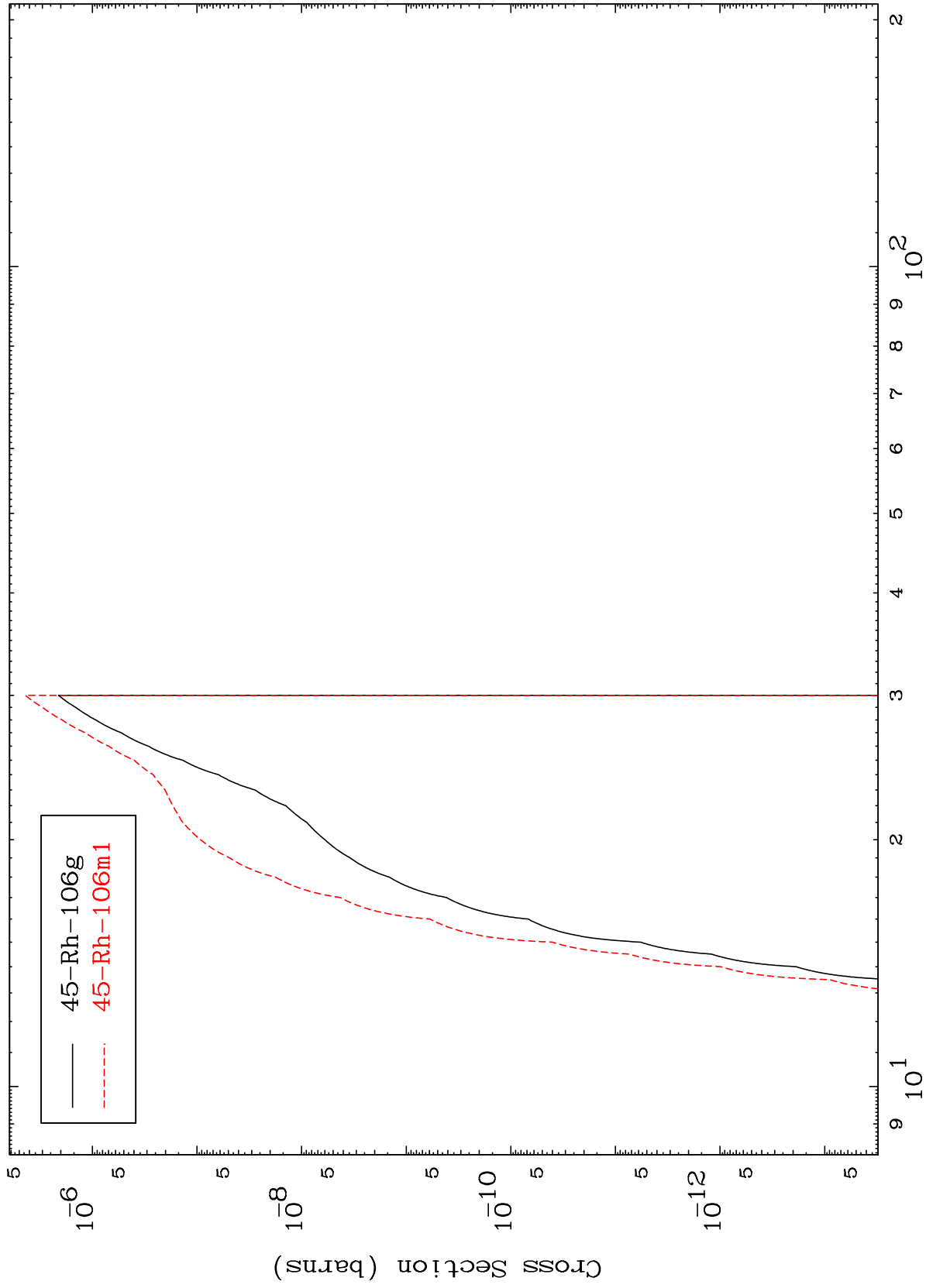


45-Rh-104g
45-Rh-104m3

MAT 4725

47-Ag-107

(n,2p)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

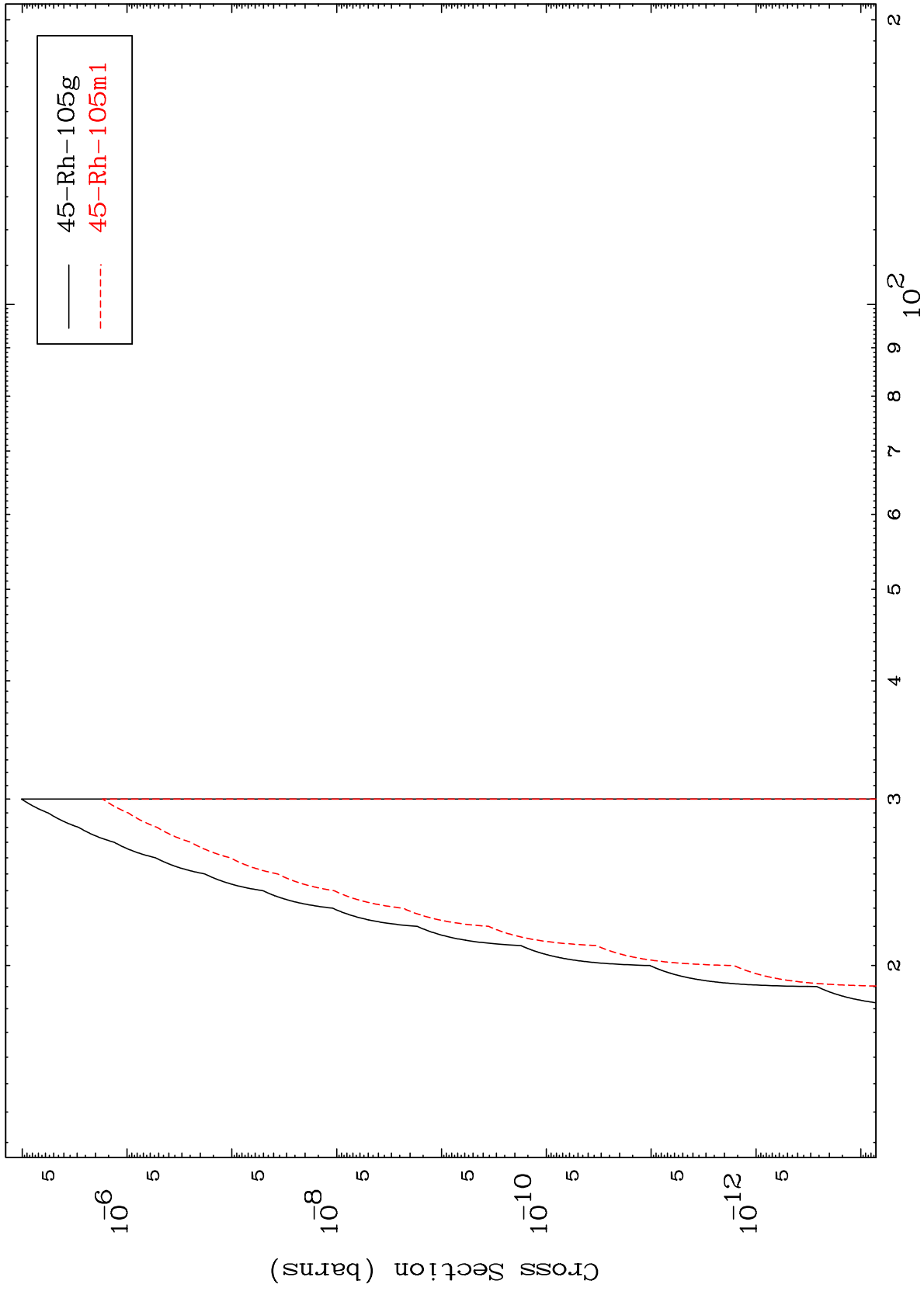
47-Ag-107

MAT 4725

(n,p) d

47-Ag-107

Radionuclide Production Cross Section



131

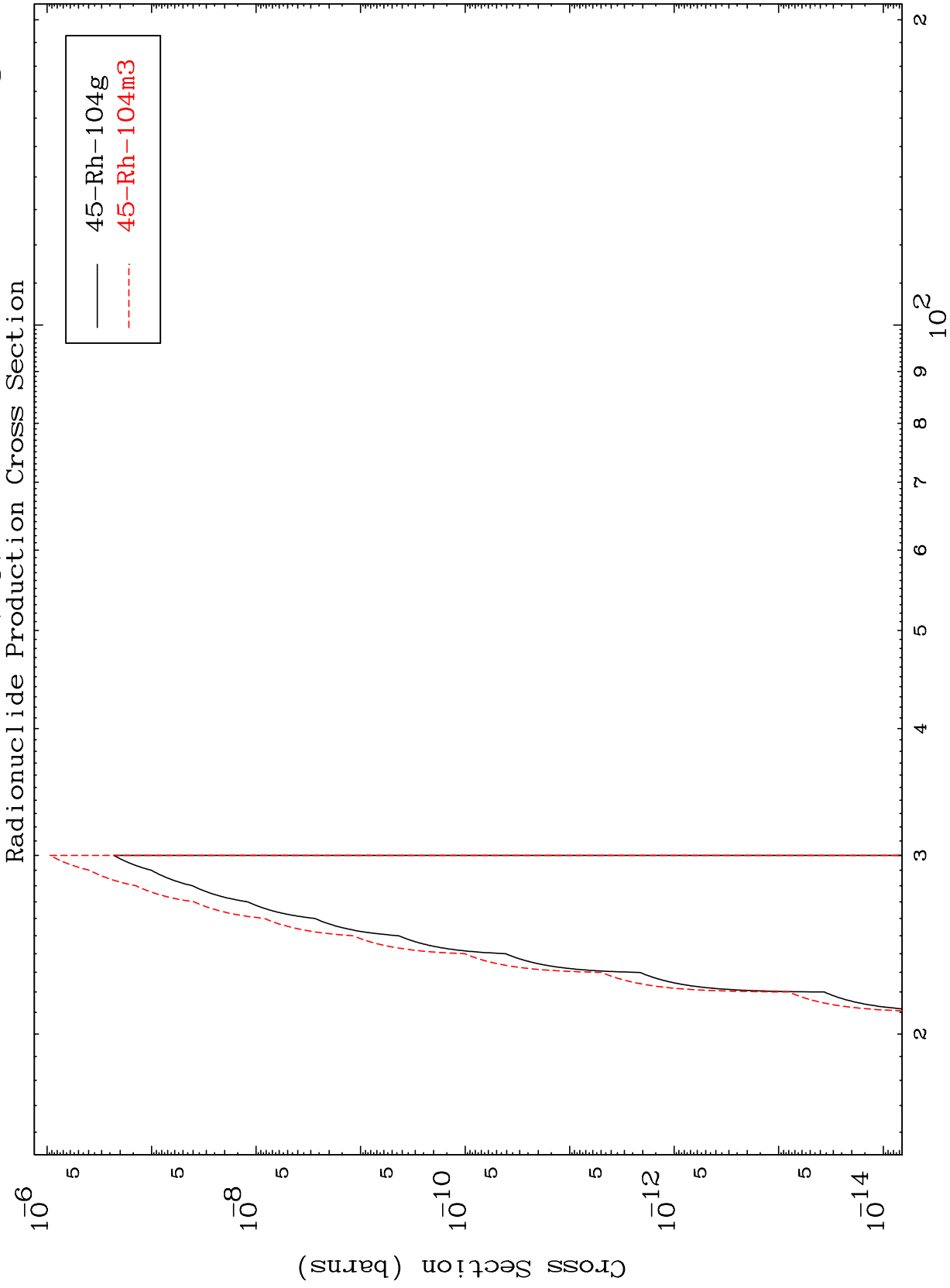
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,p) t

47-Ag-107



132

Incident Energy (MeV)

47-Ag-107