

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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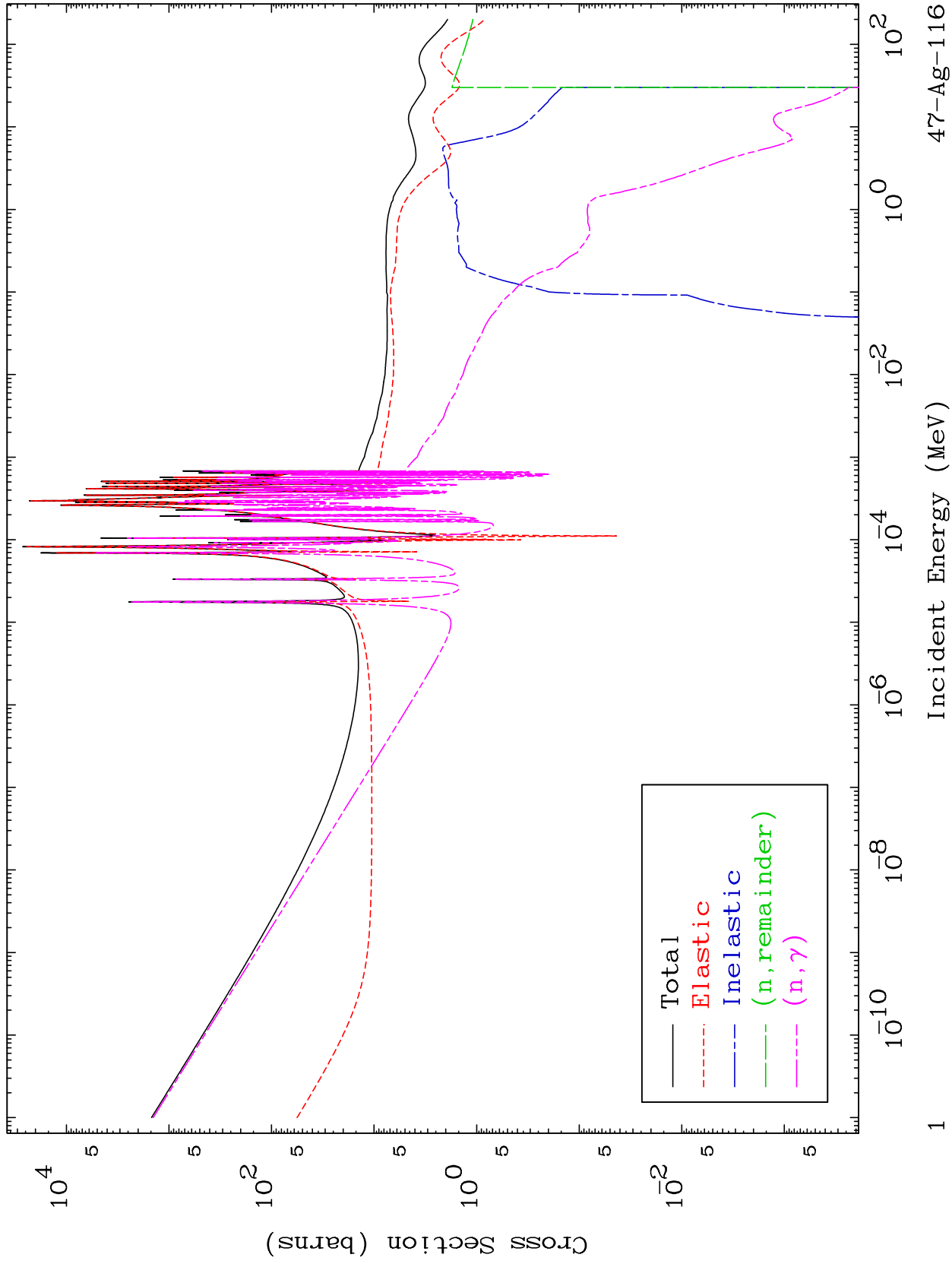
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Web:redcullen1.net/HOMEPAGE.NEW

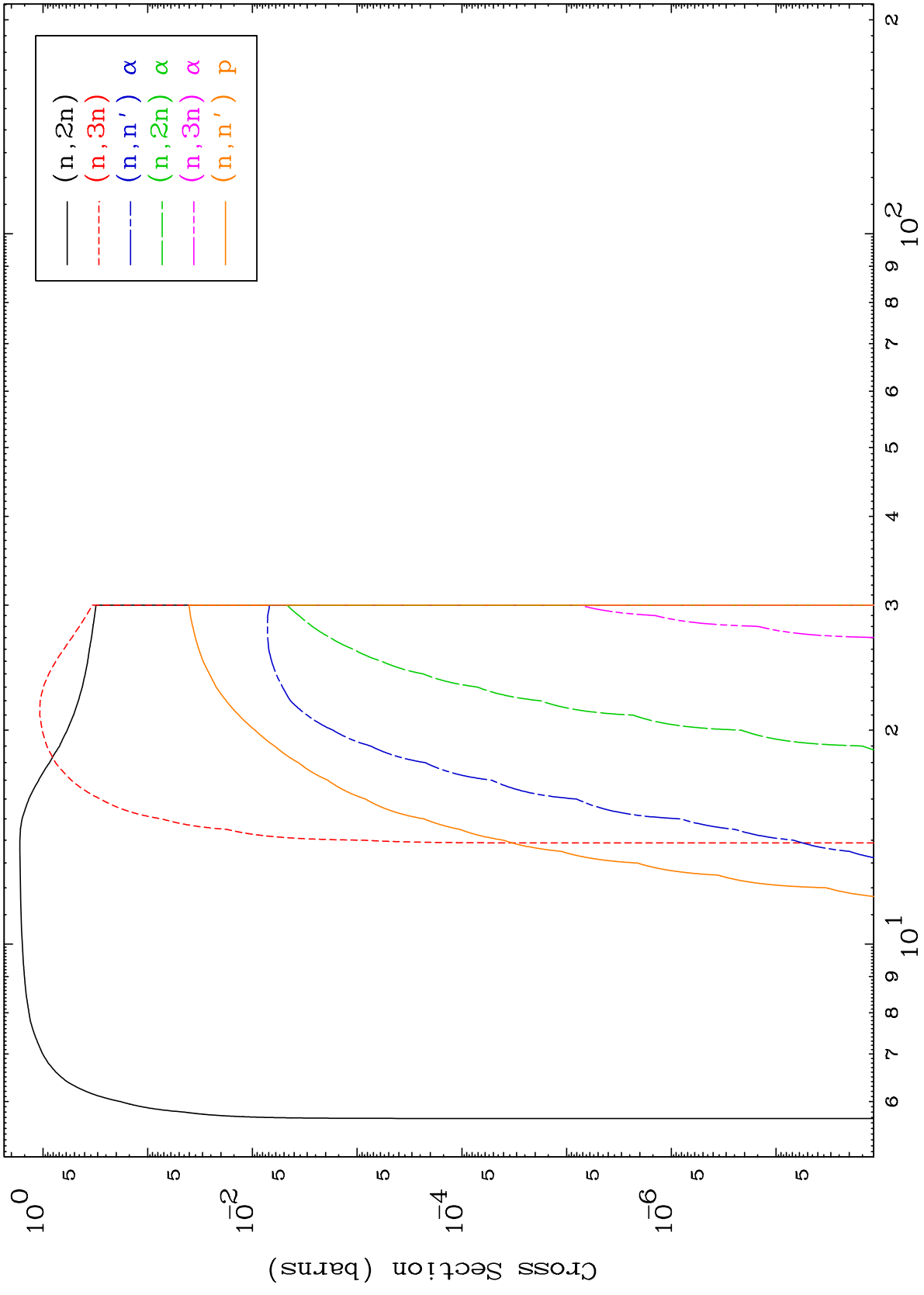
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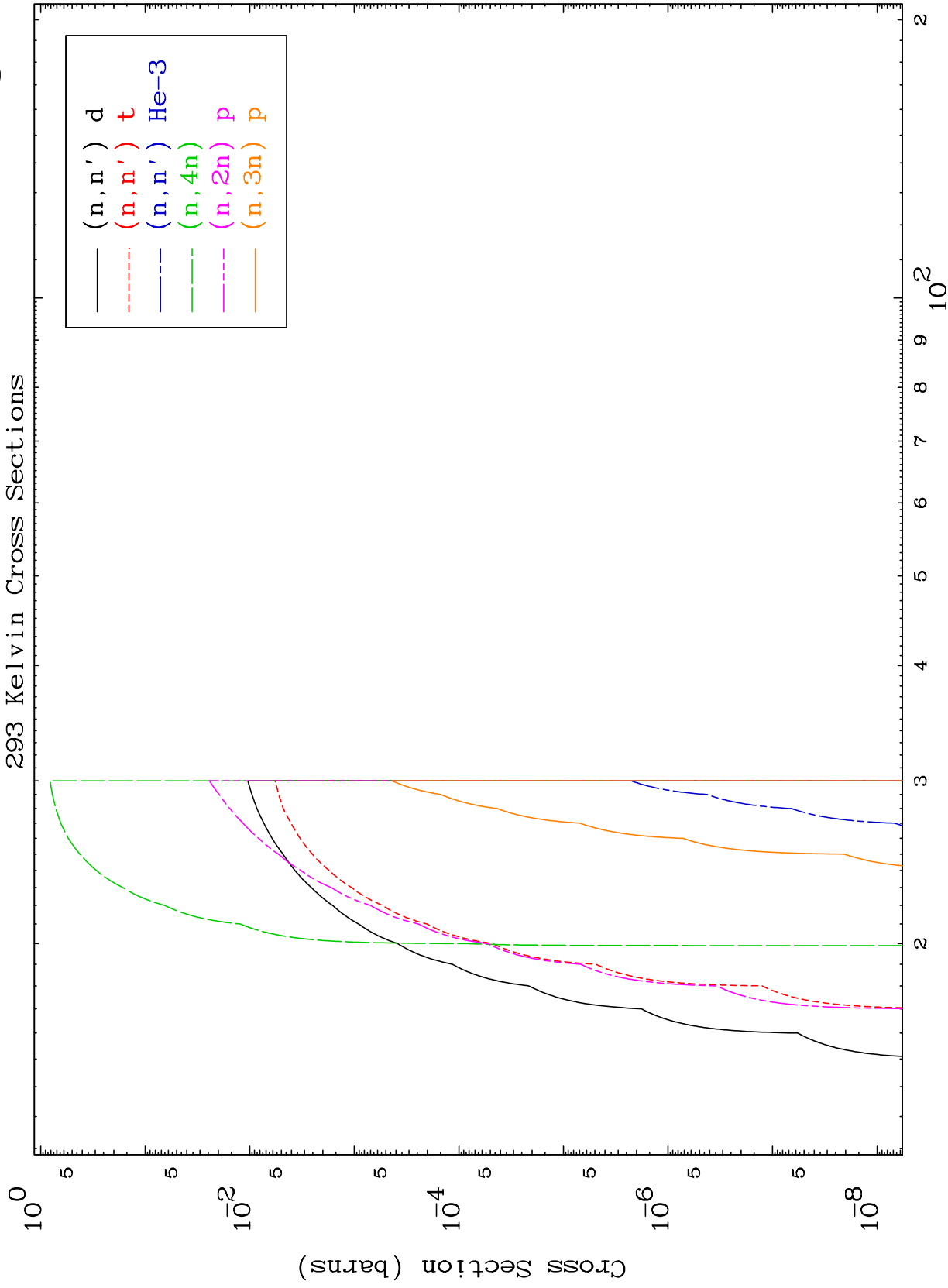
MAT 4752

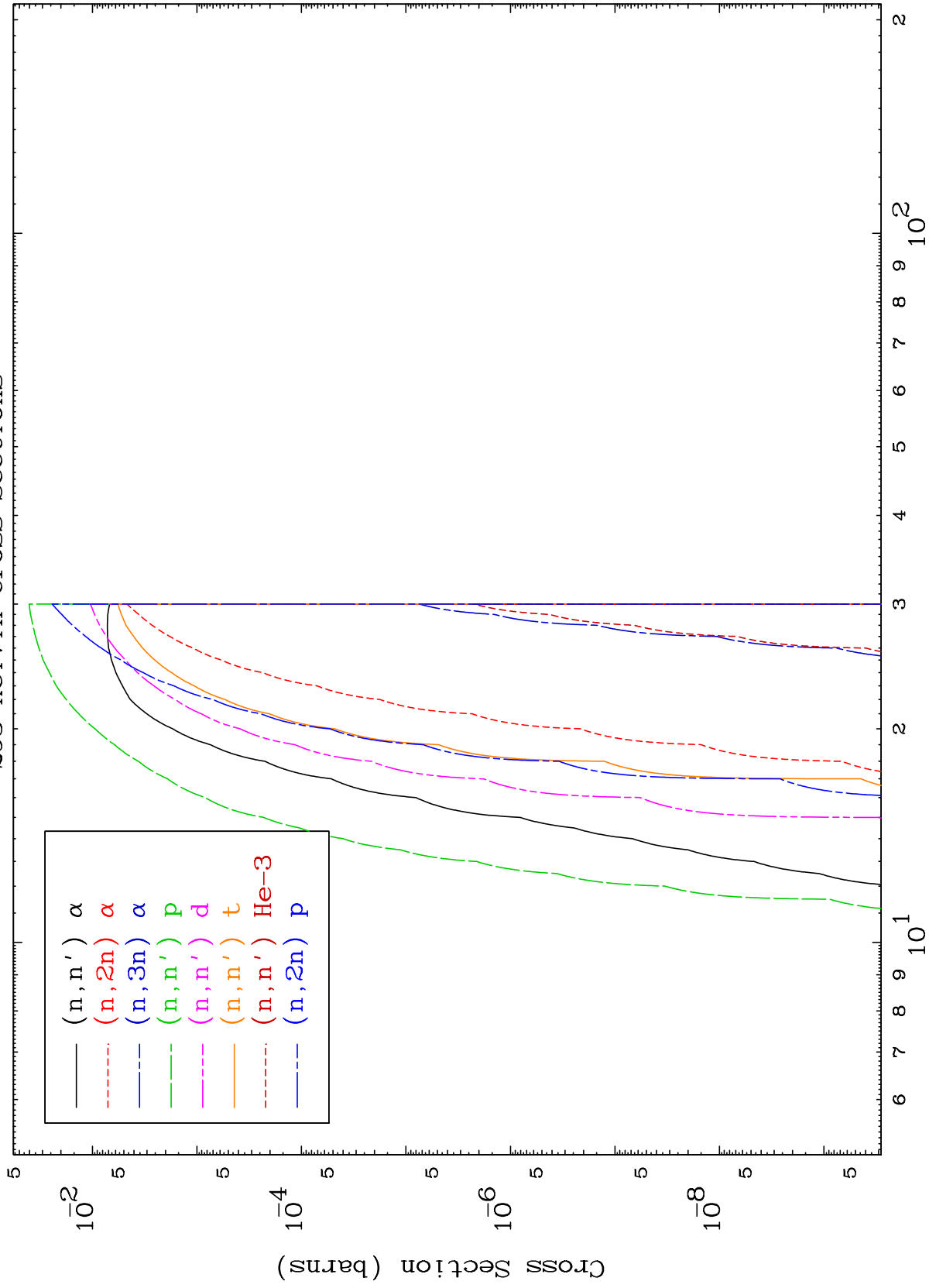
Major
293 Kelvin Cross Sections

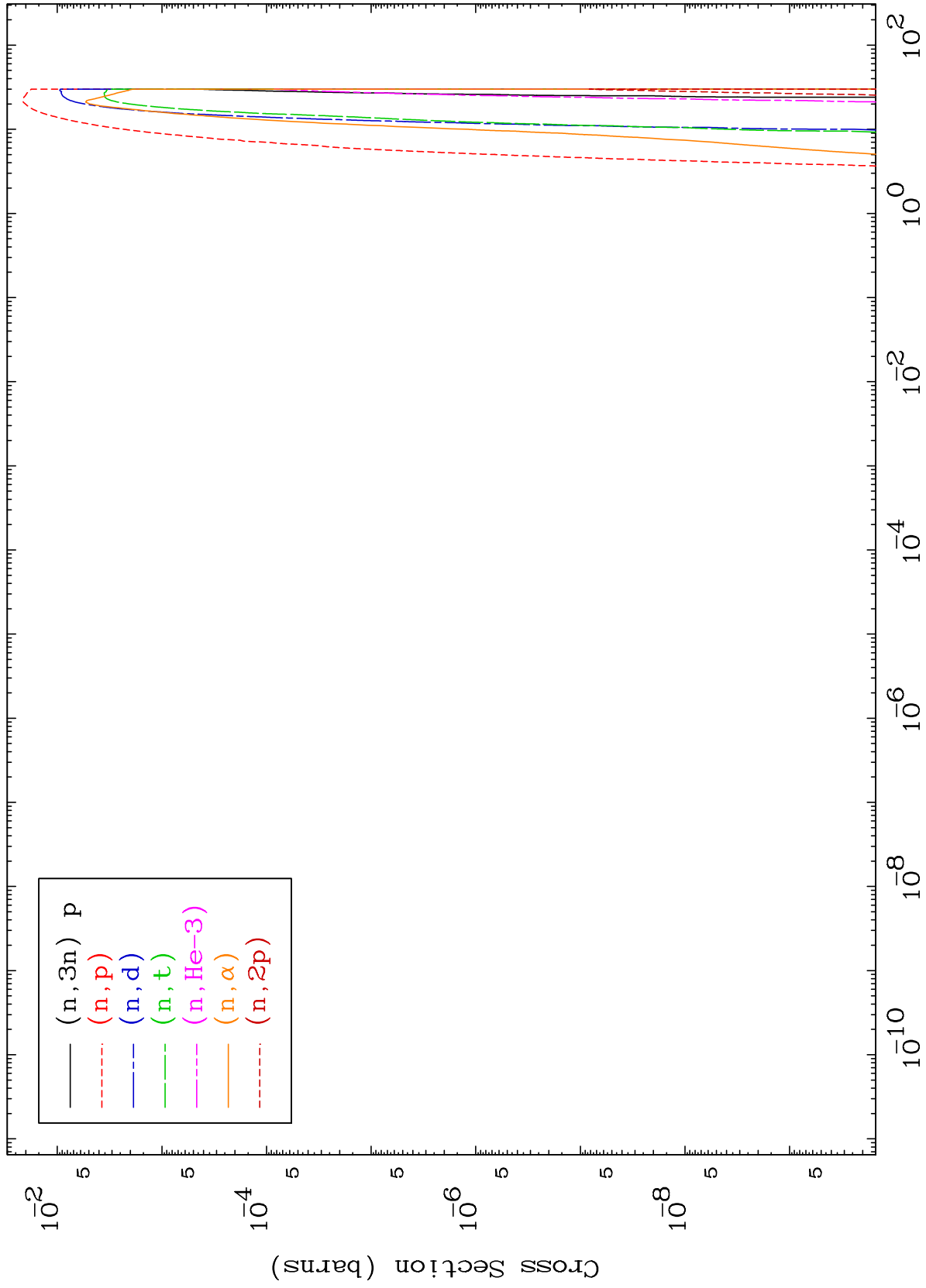
47-Ag-116







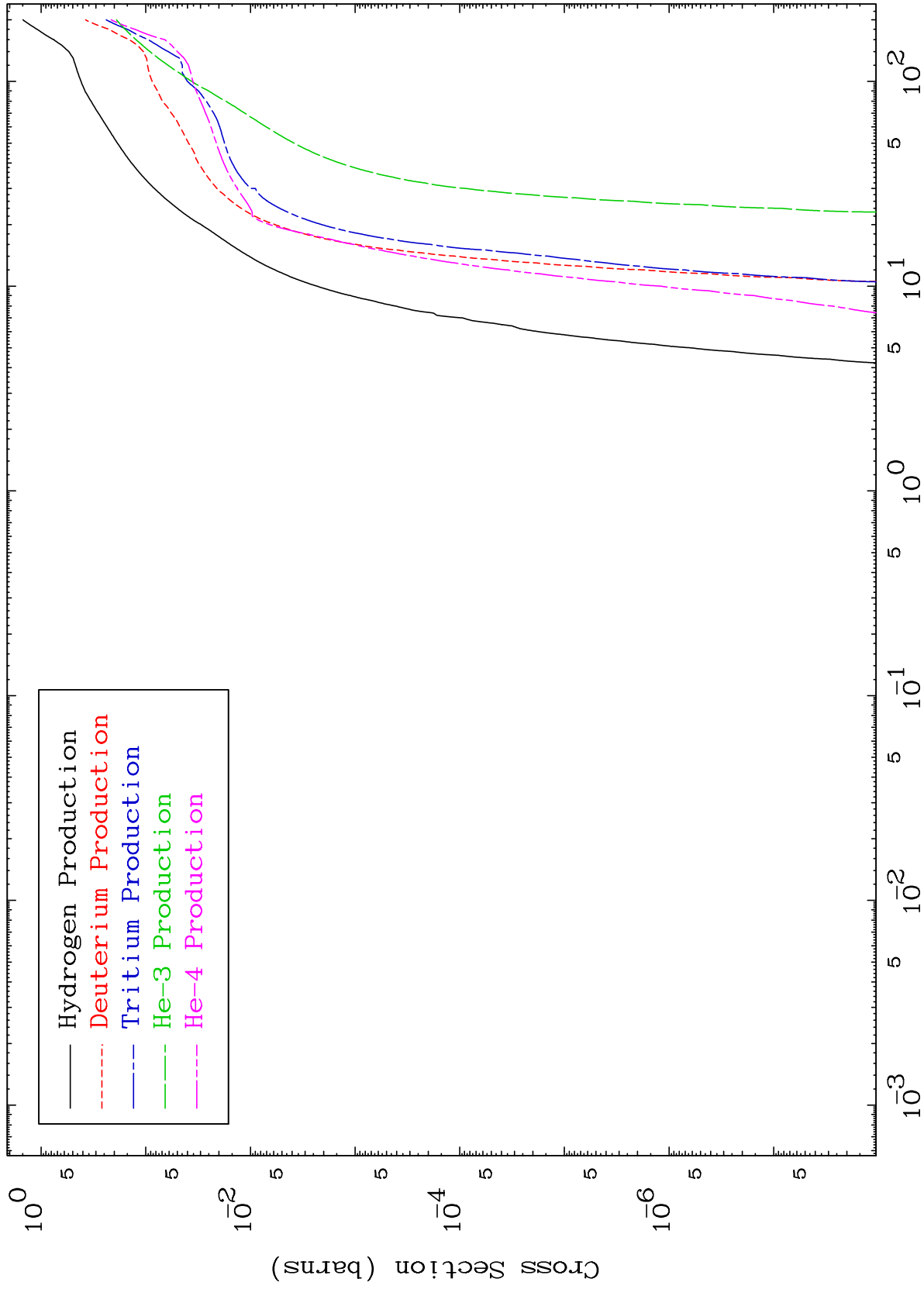




MAT 4752

Particle Production
293 Kelvin Cross Sections

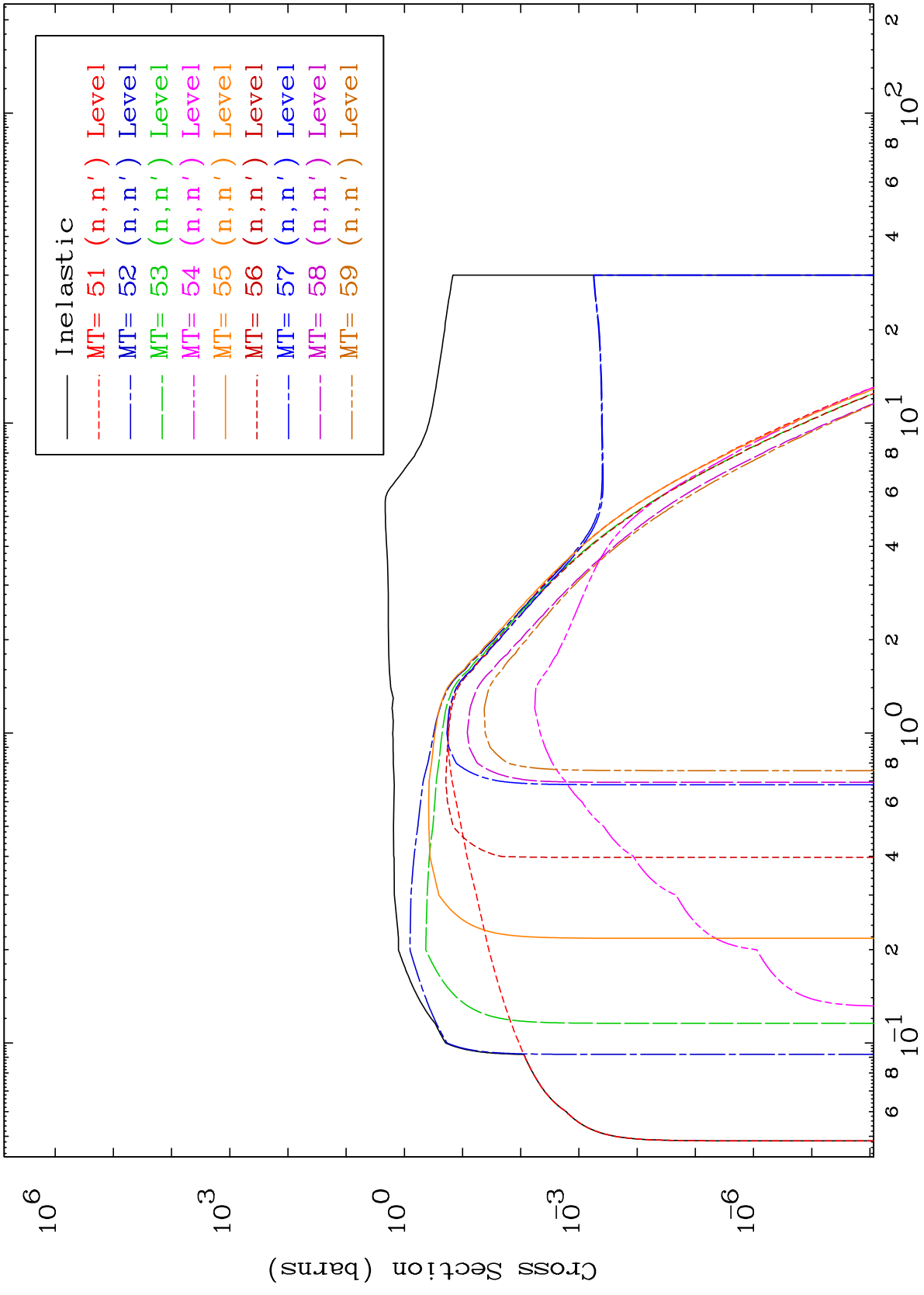
47-Ag-116



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Incident Energy (MeV)

47-Ag-116

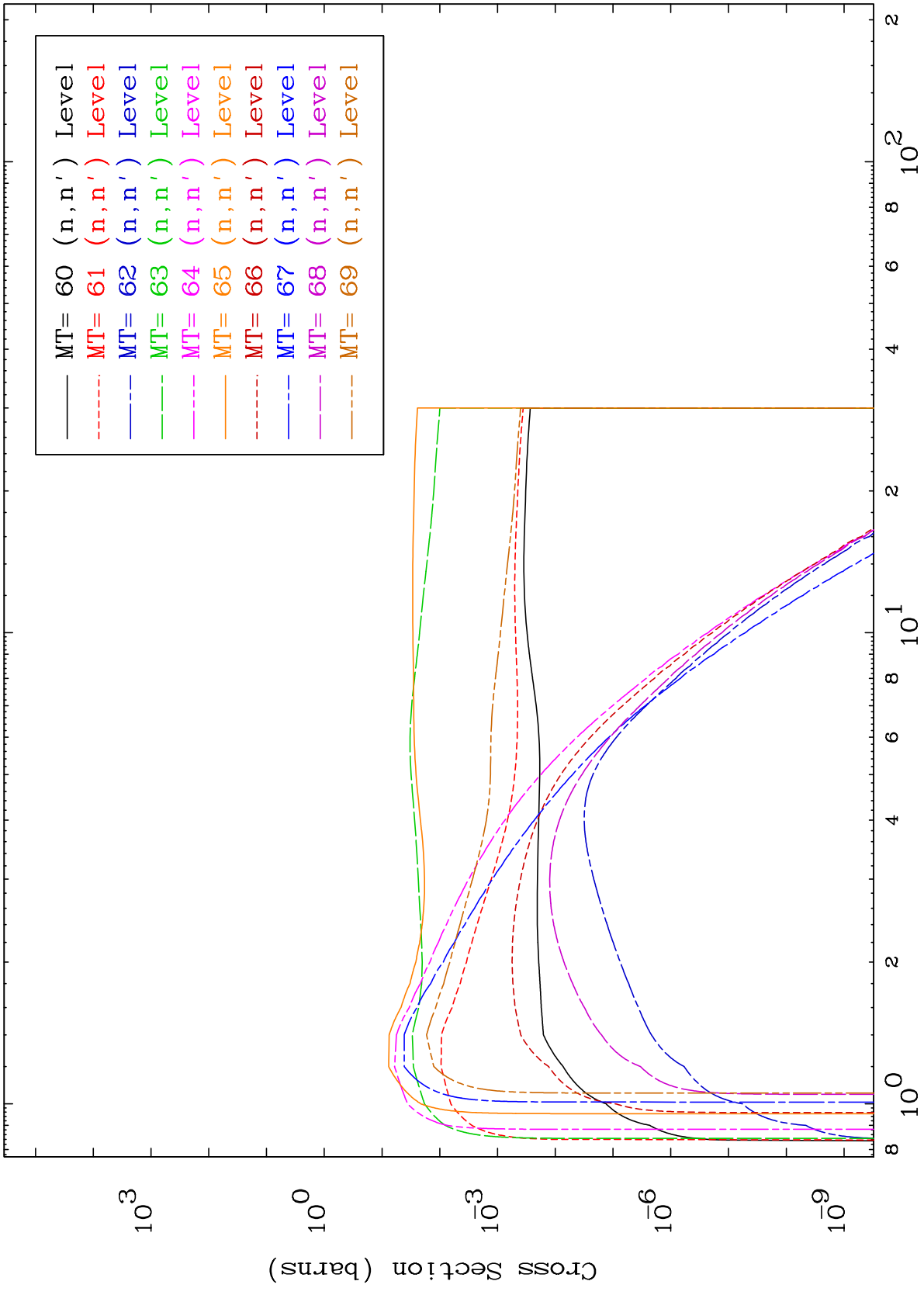


MAT 4752

(n,n') Level

47-Ag-116

293 Kelvin Cross Sections



8

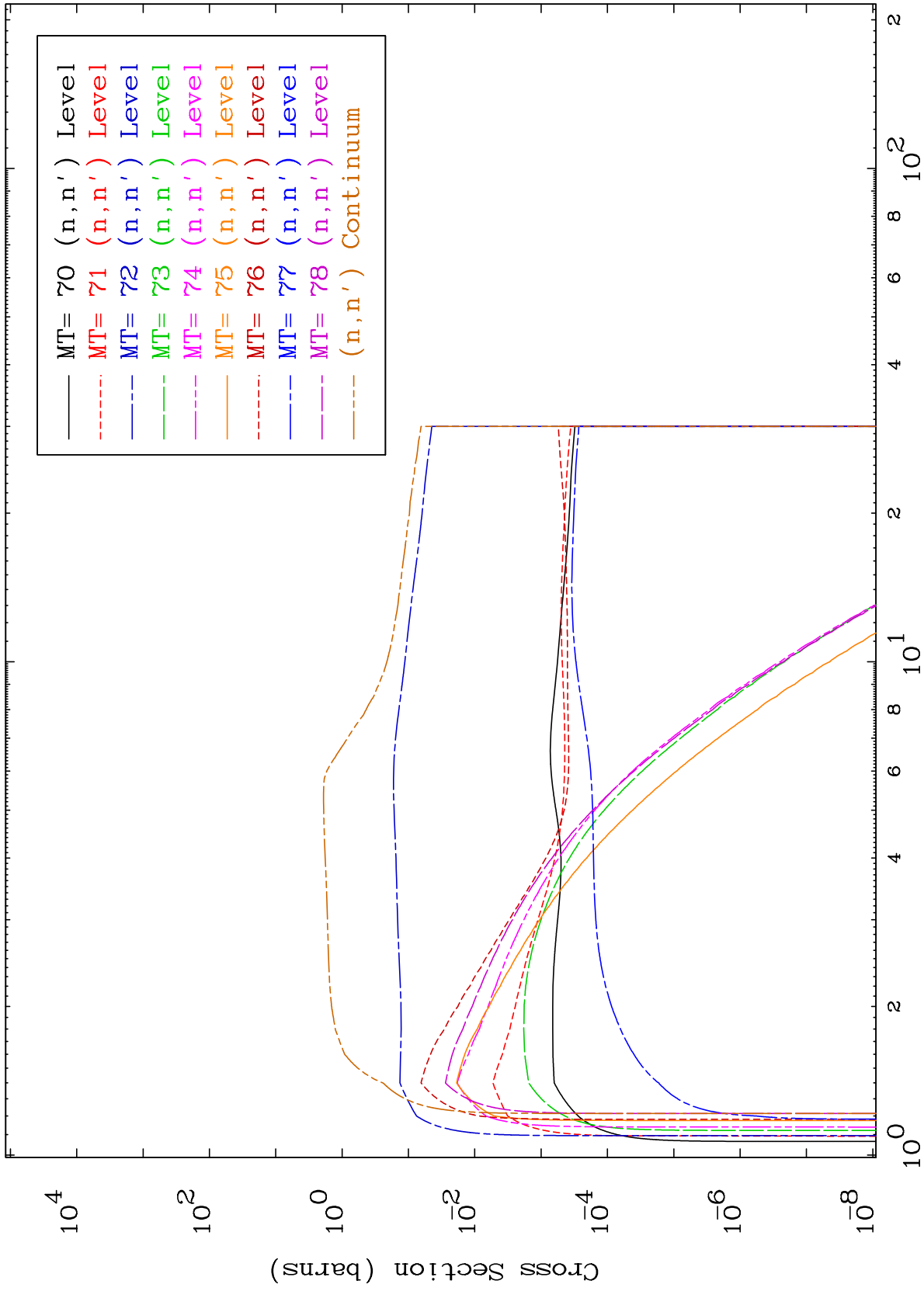
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,n') Level
293 Kelvin Cross Sections

47-Ag-116



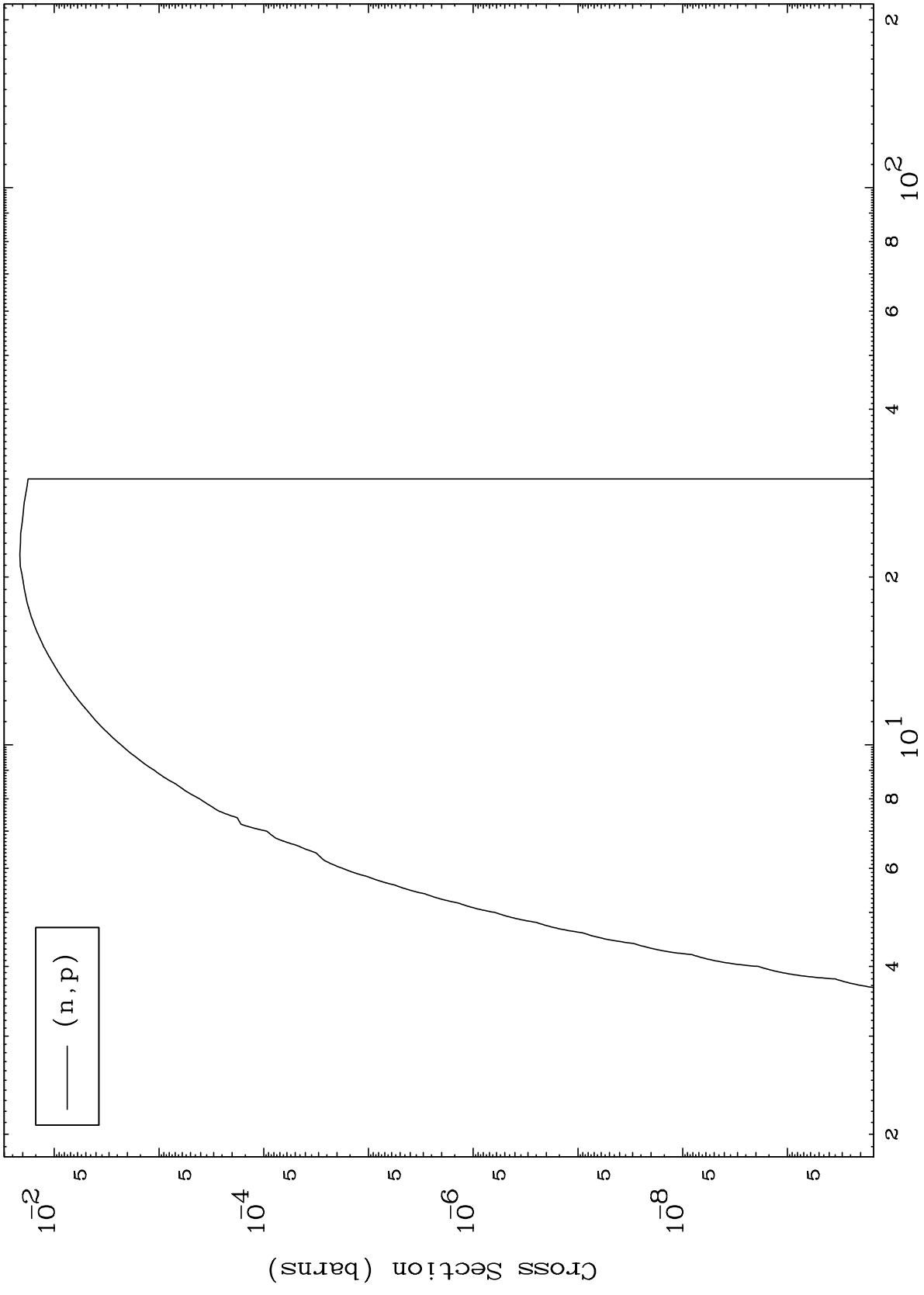
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-116



10

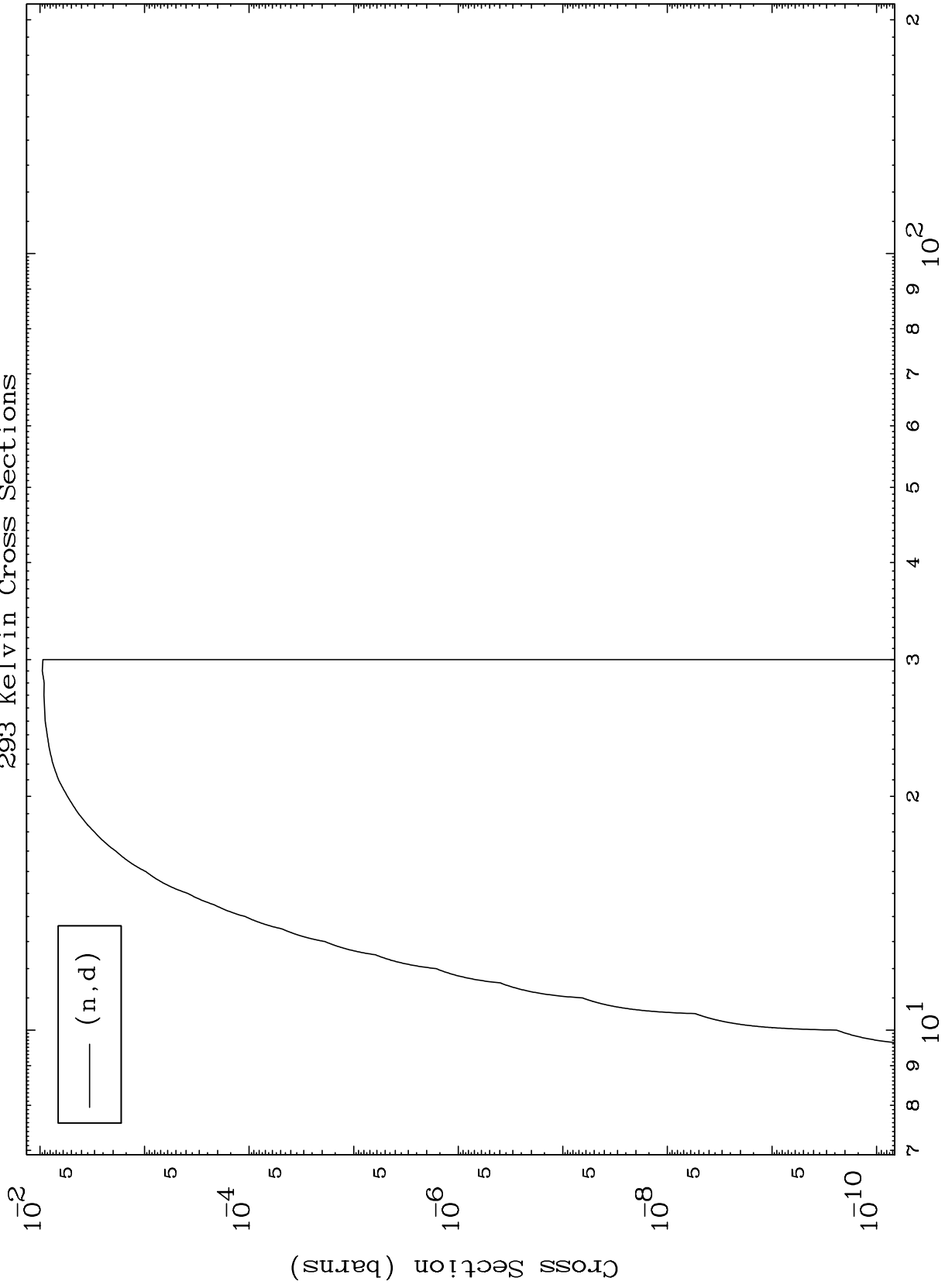
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,d) Levels
293 Kelvin Cross Sections

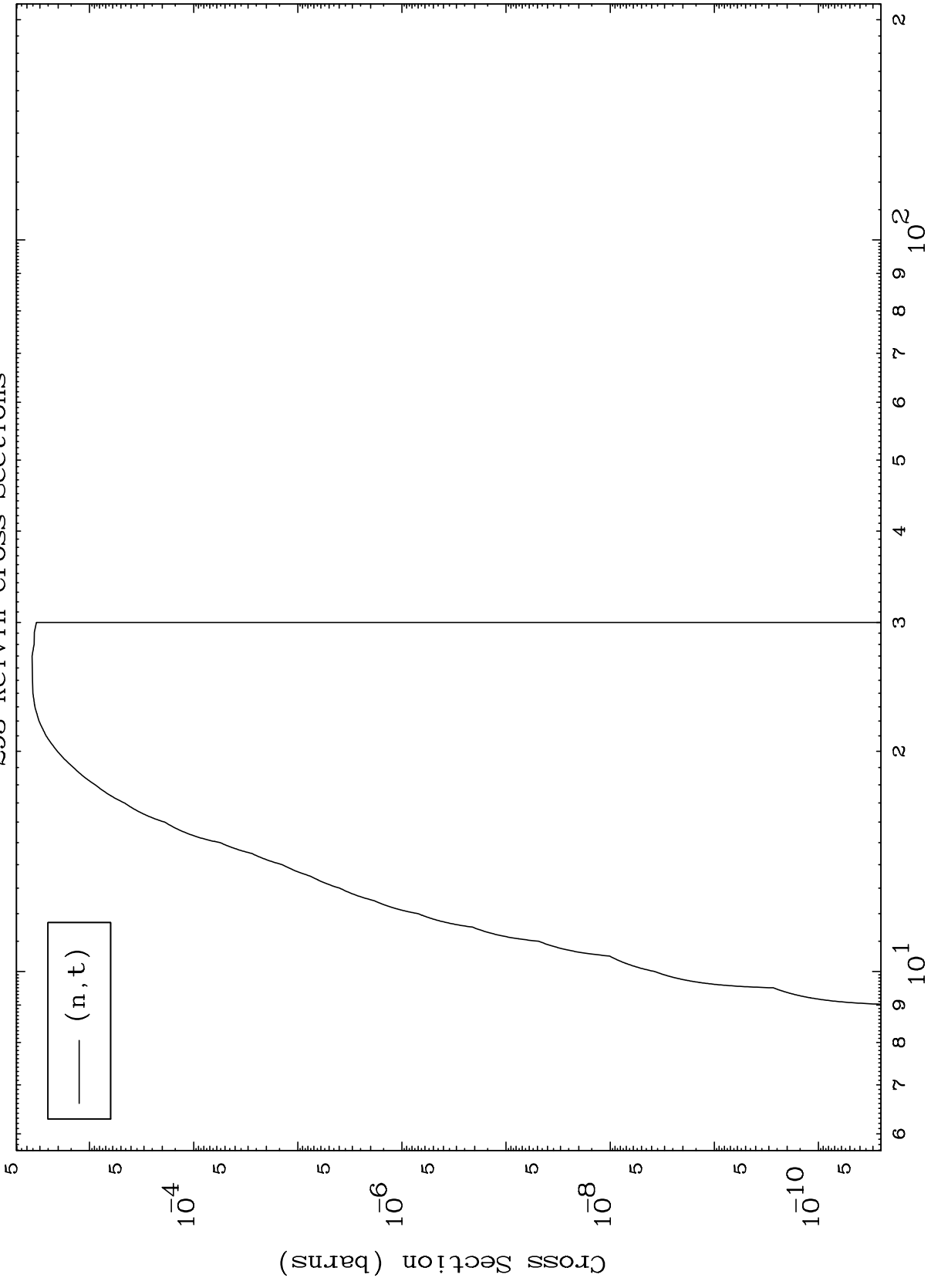
47-Ag-116



MAT 4752

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-116



12

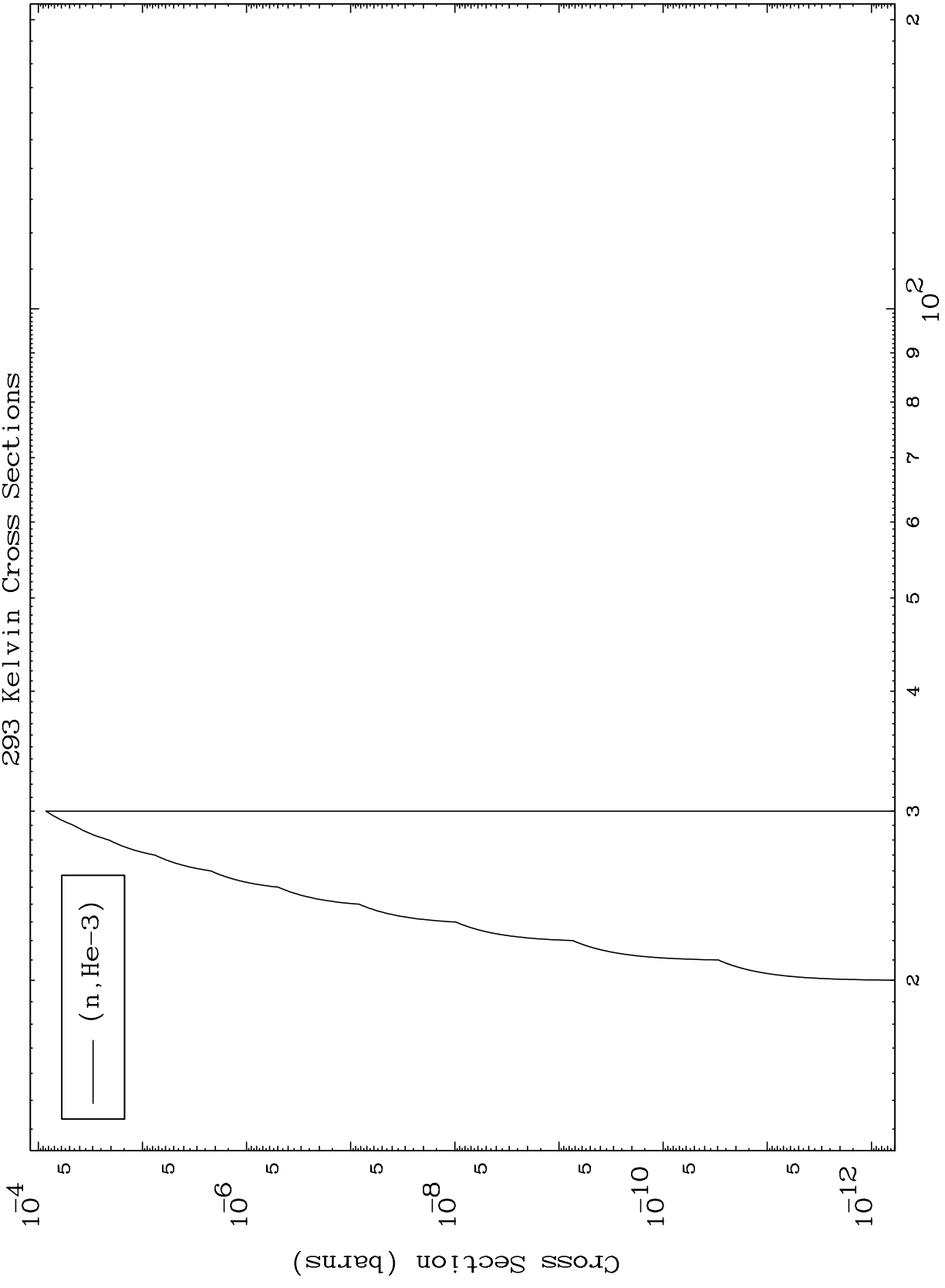
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-116



13

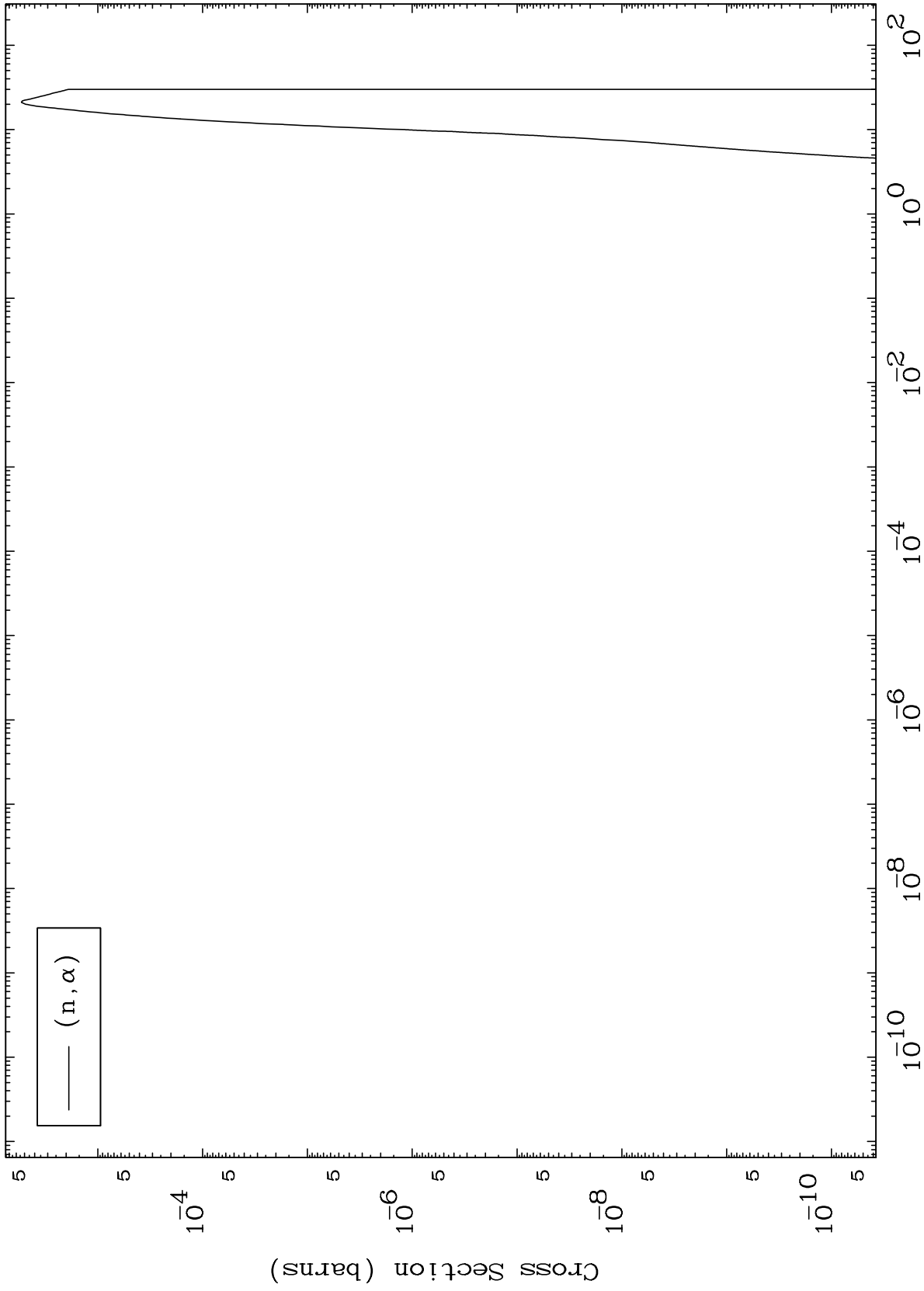
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,α) Levels
293 Kelvin Cross Sections

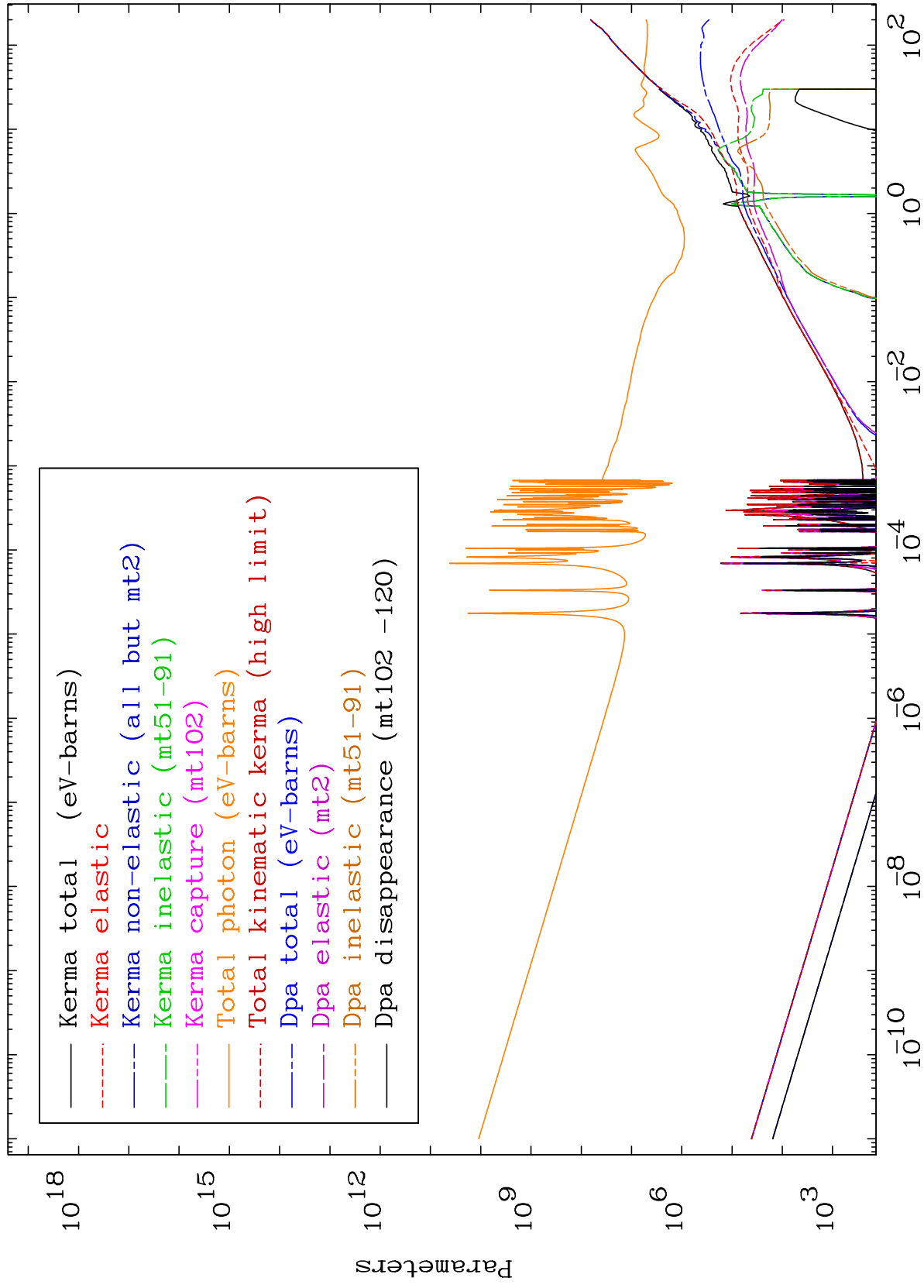
47-Ag-116



14

Incident Energy (MeV)

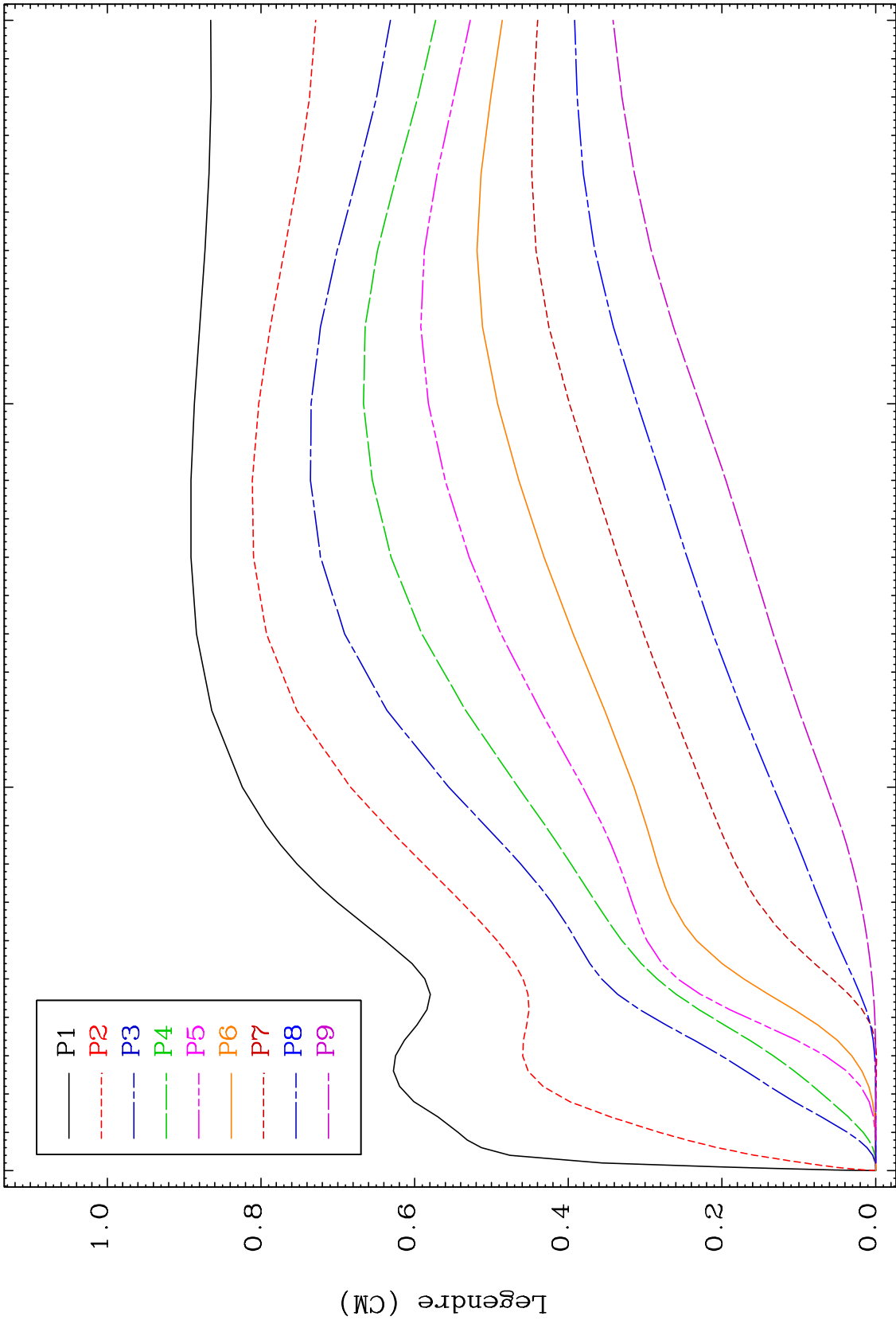
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MAT 4752

Elastic Legendre Coefficients

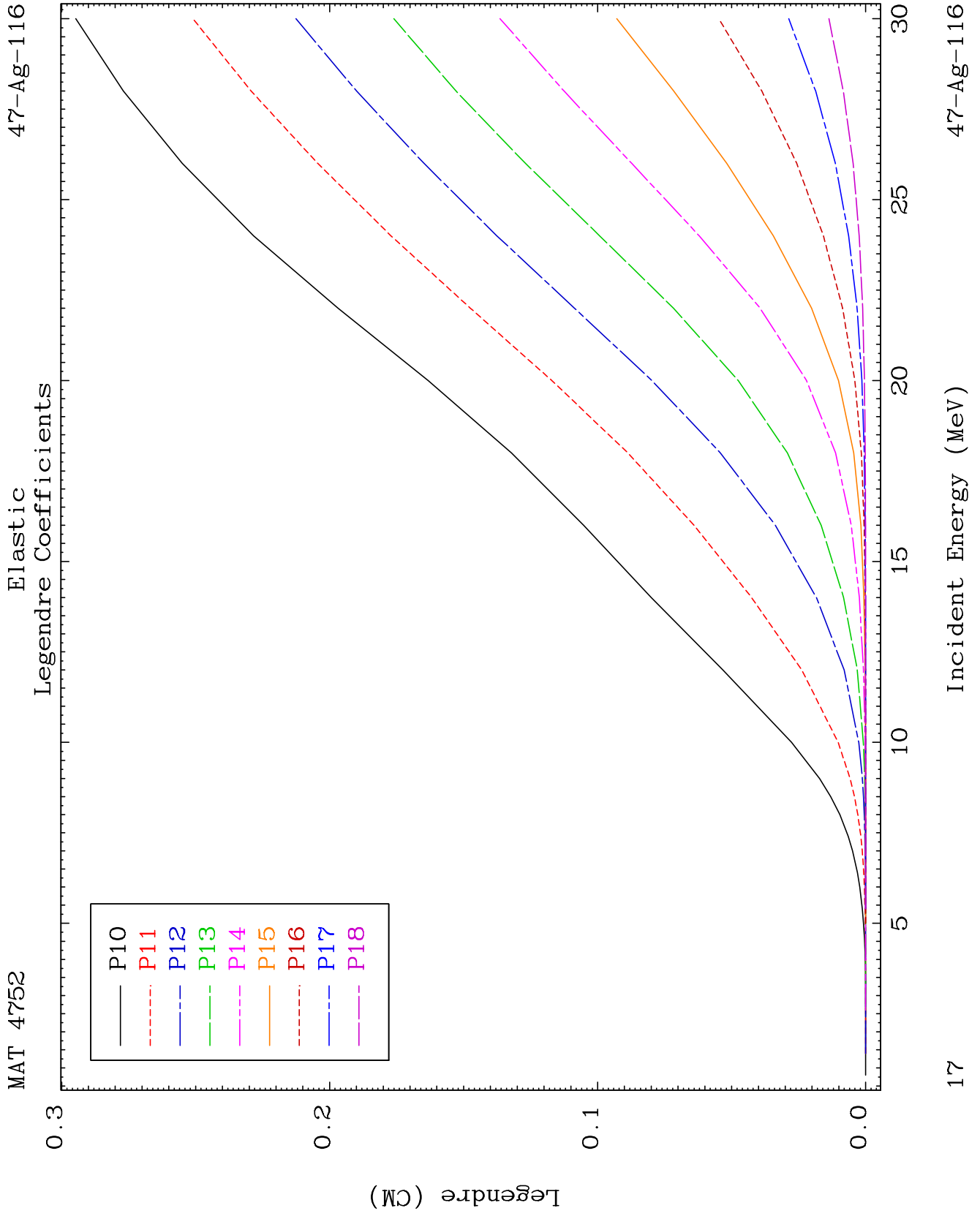
47-Ag-116



16

Incident Energy (MeV)

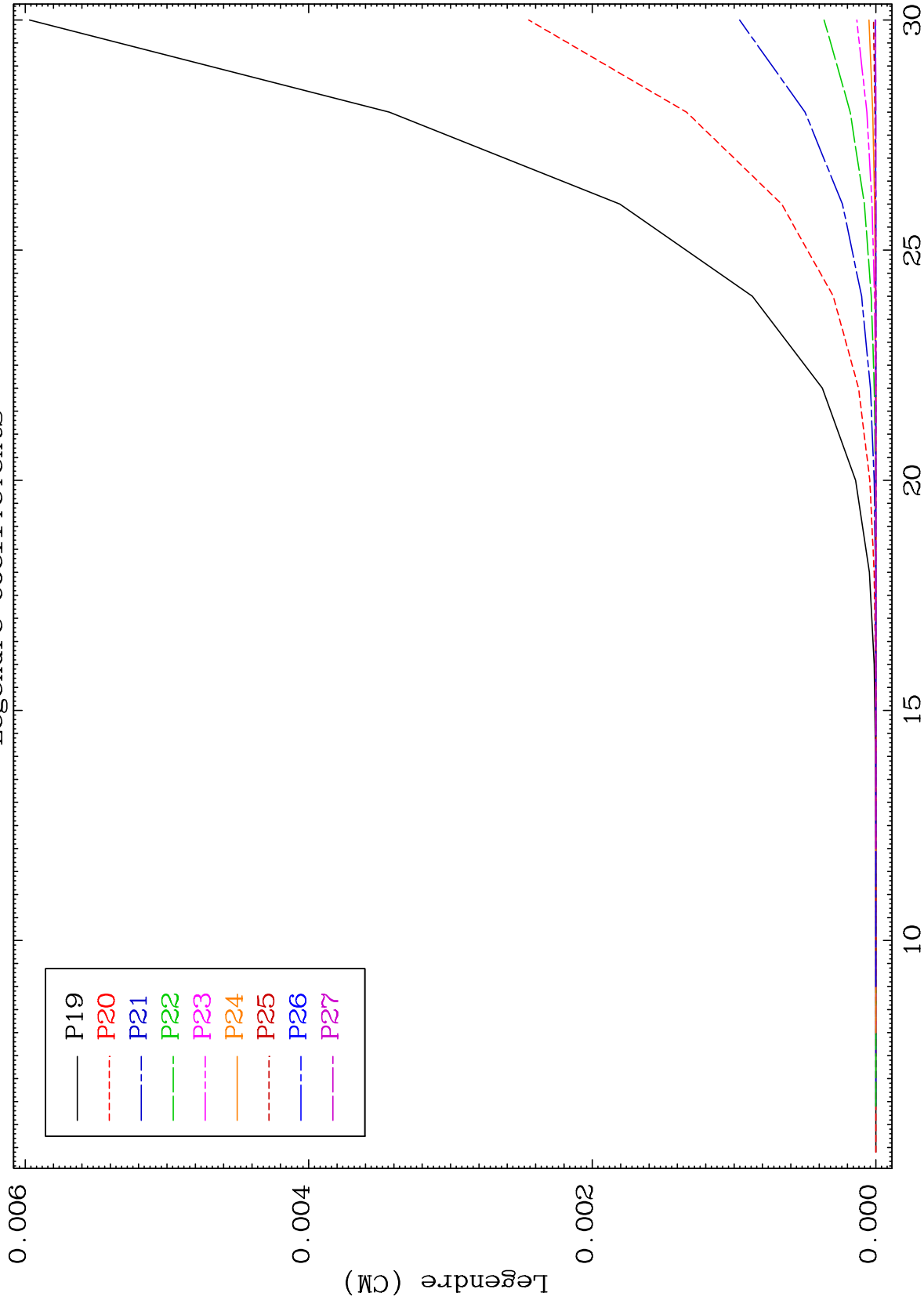
47-Ag-116



MAT 4752

Elastic Legendre Coefficients

47-Ag-116



18

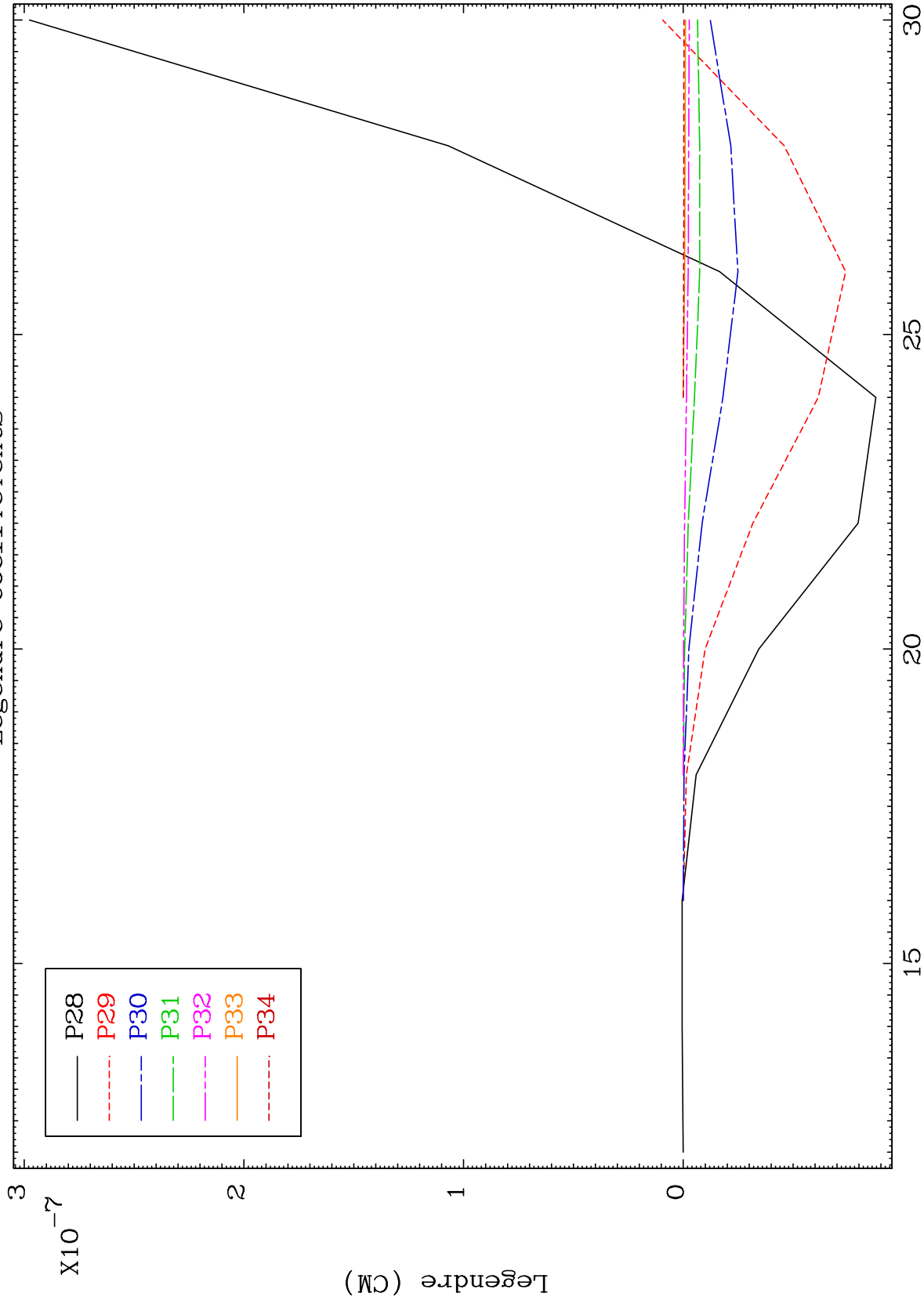
Incident Energy (MeV)

47-Ag-116

MAT 4752

Elastic Legendre Coefficients

47-Ag-116



19

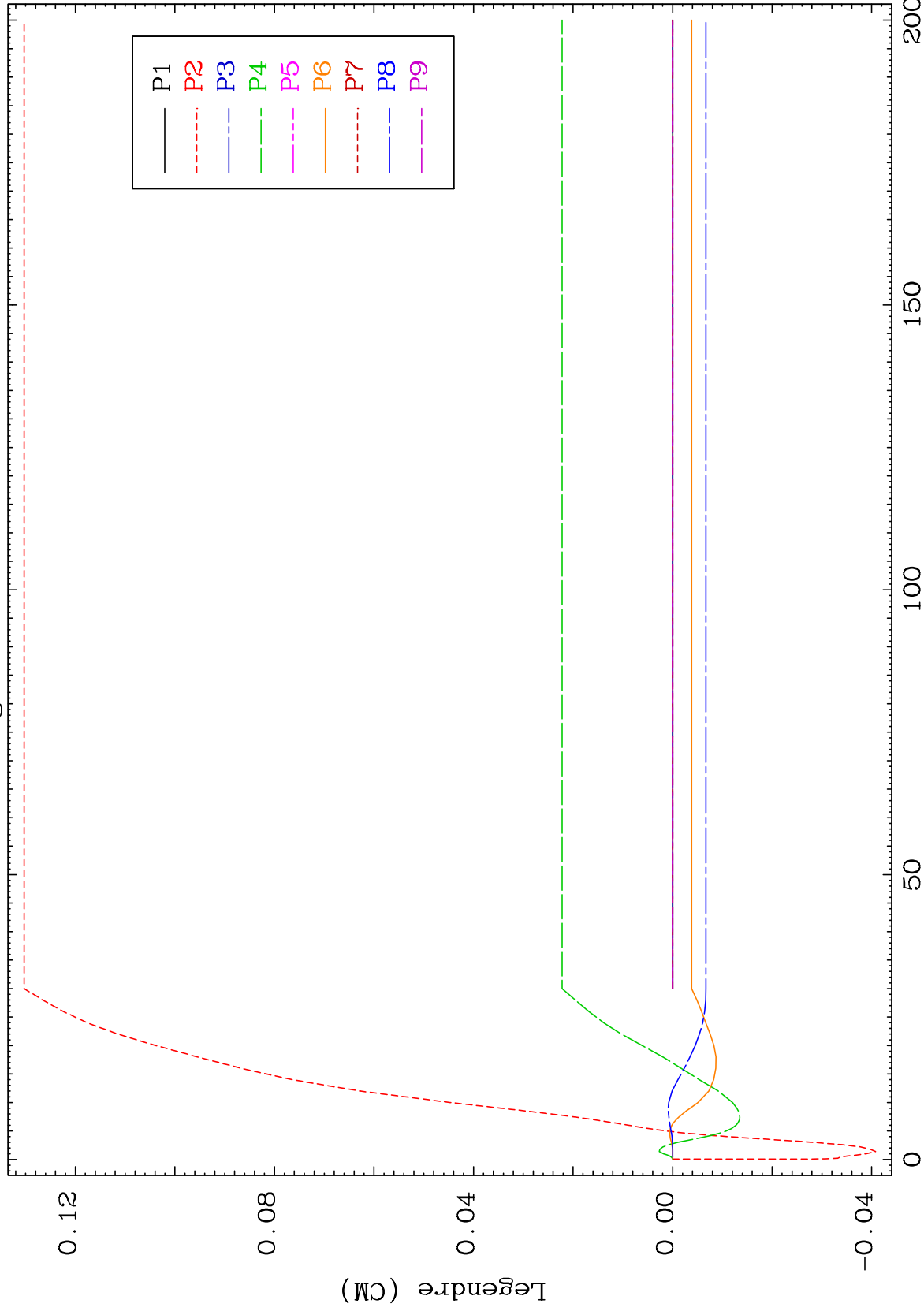
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



47-Ag-116

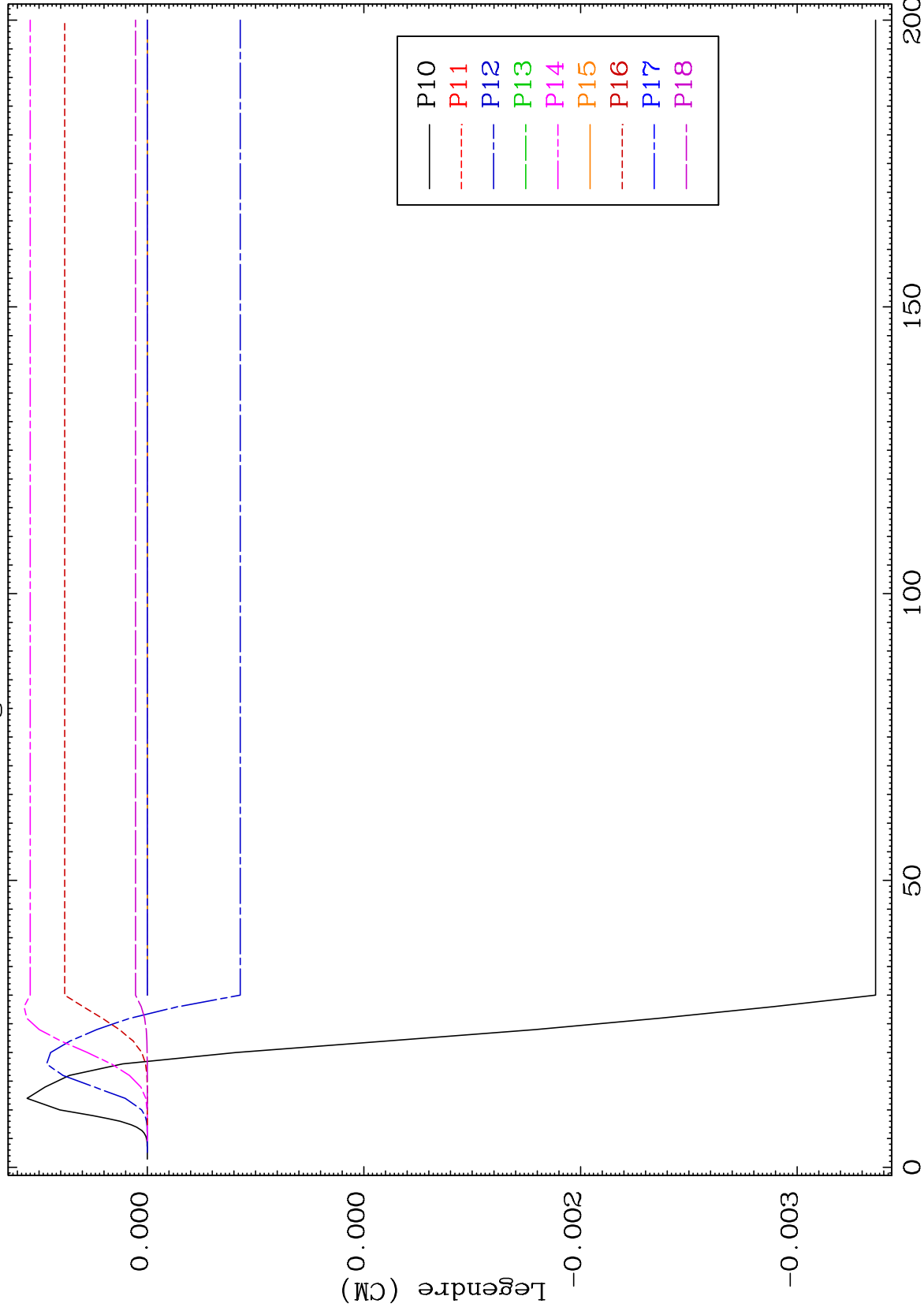
Incident Energy (MeV)

20

MAT 4752

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

47-Ag-116



21

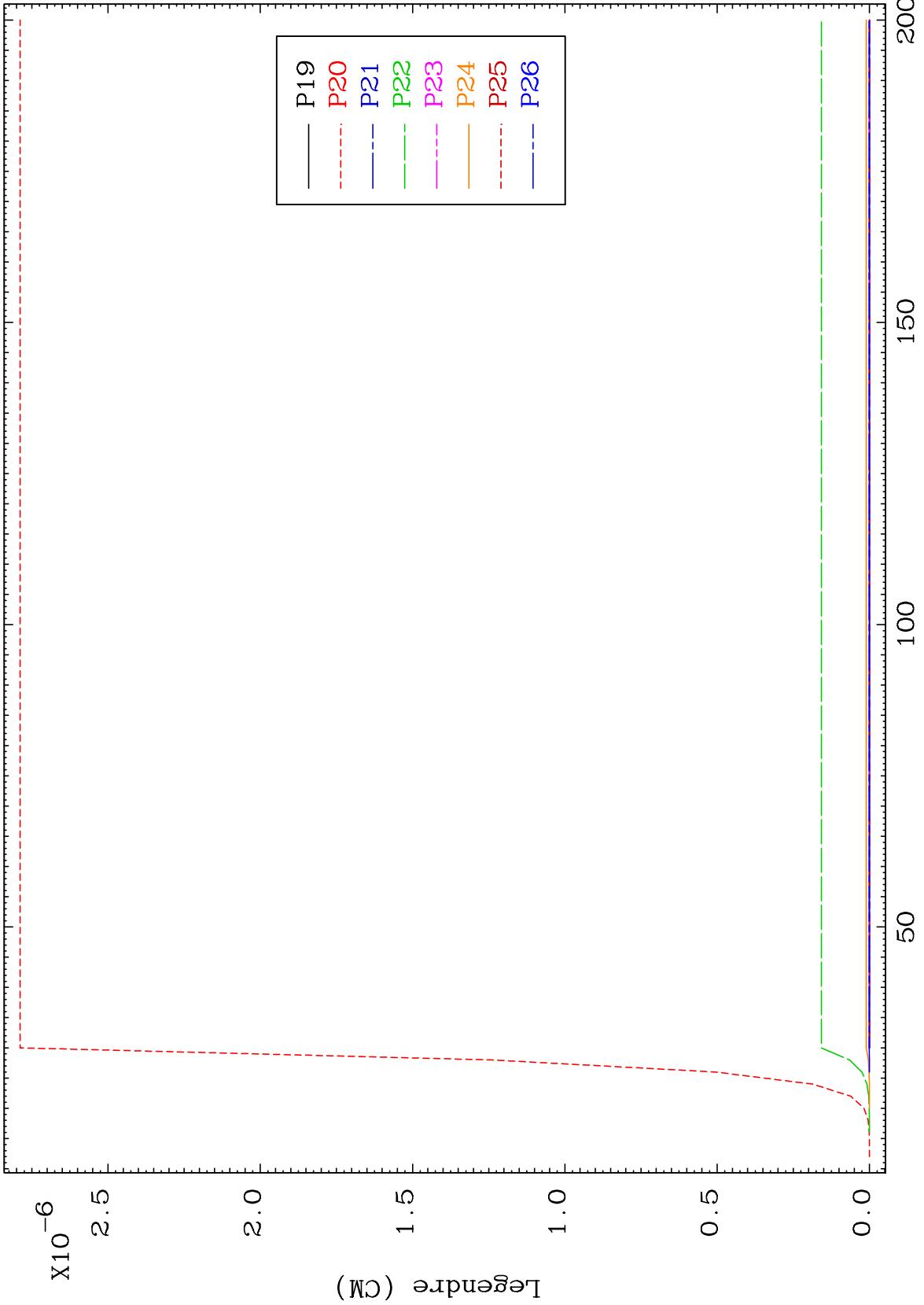
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



22

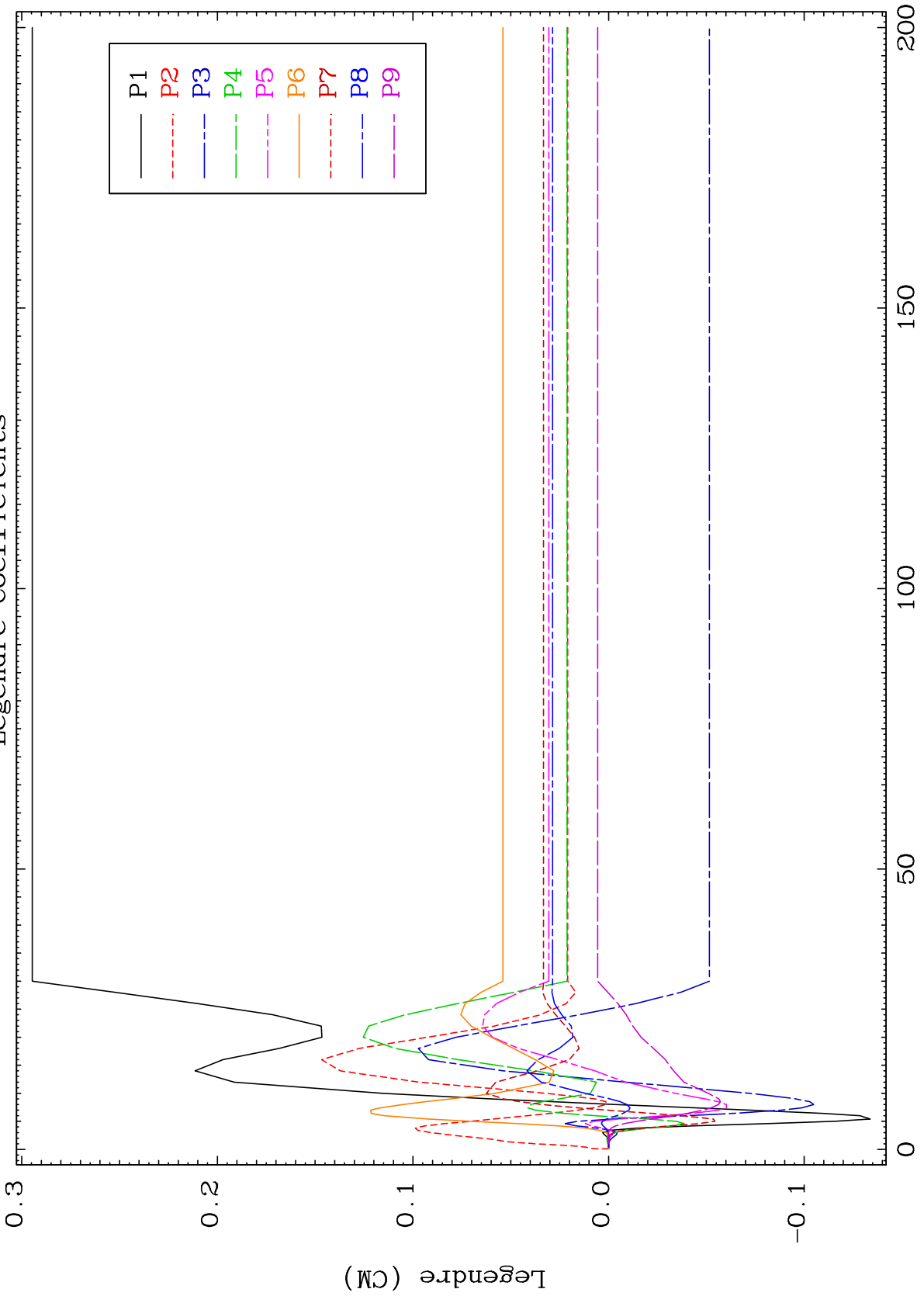
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



23

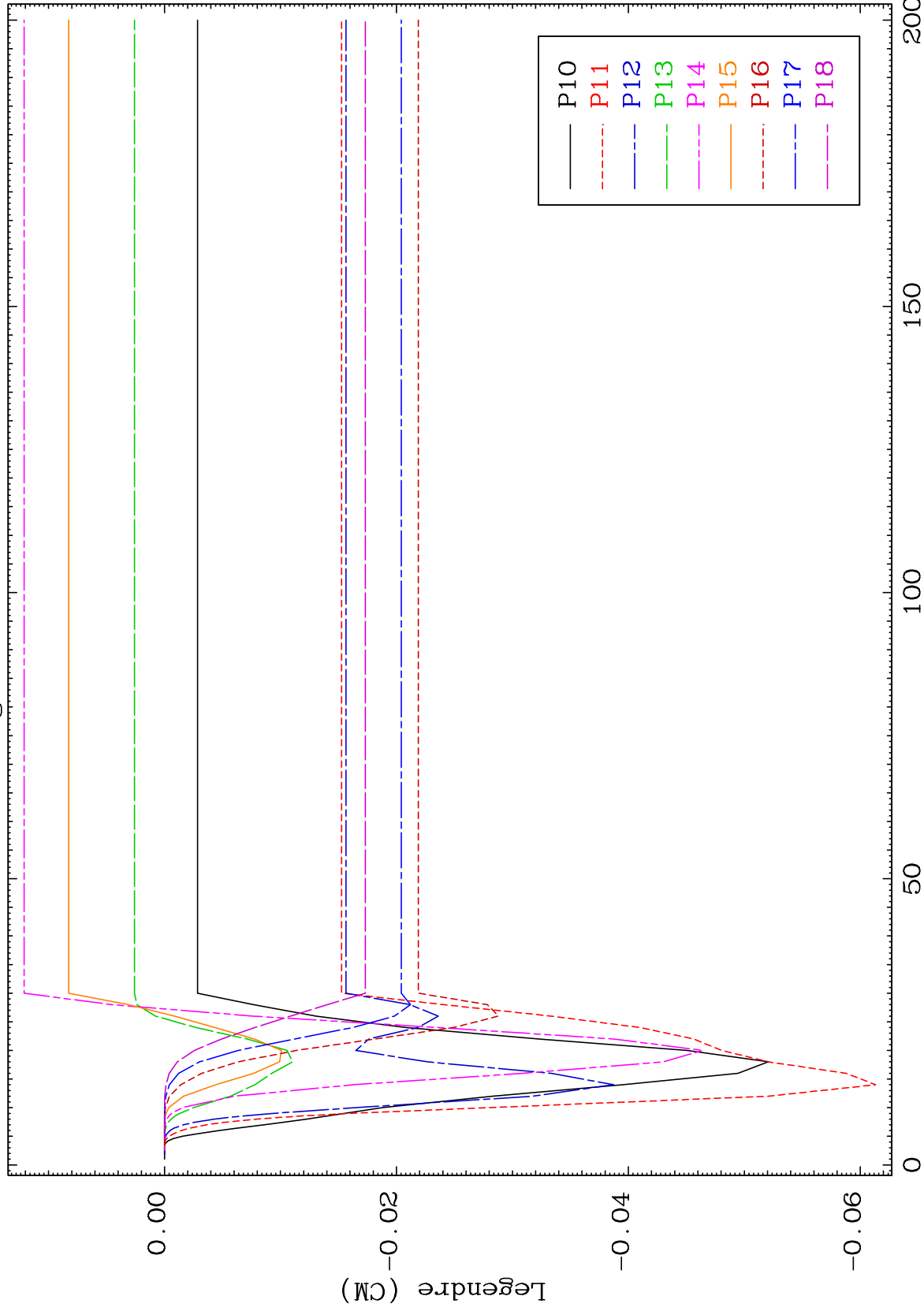
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



24

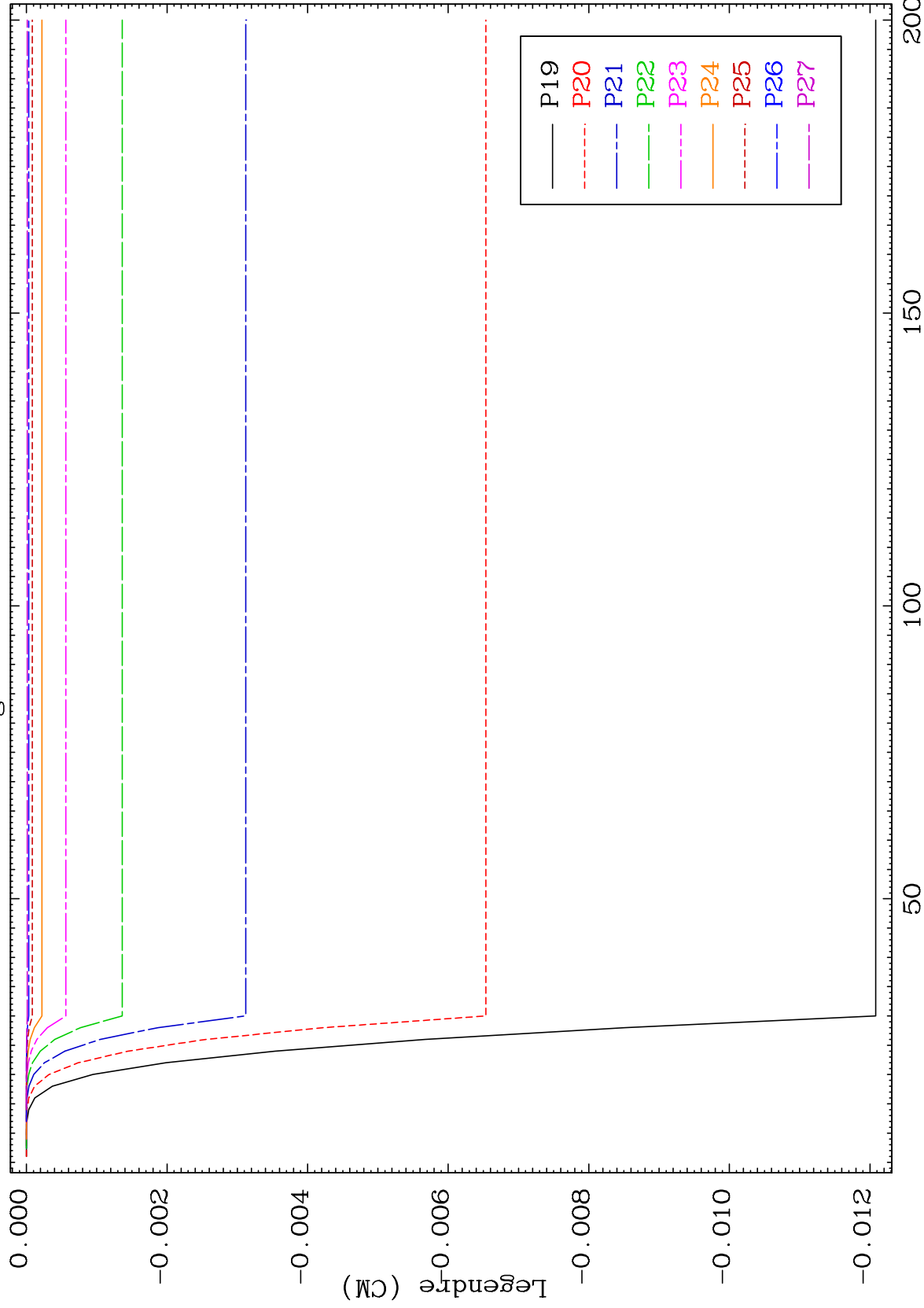
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



25

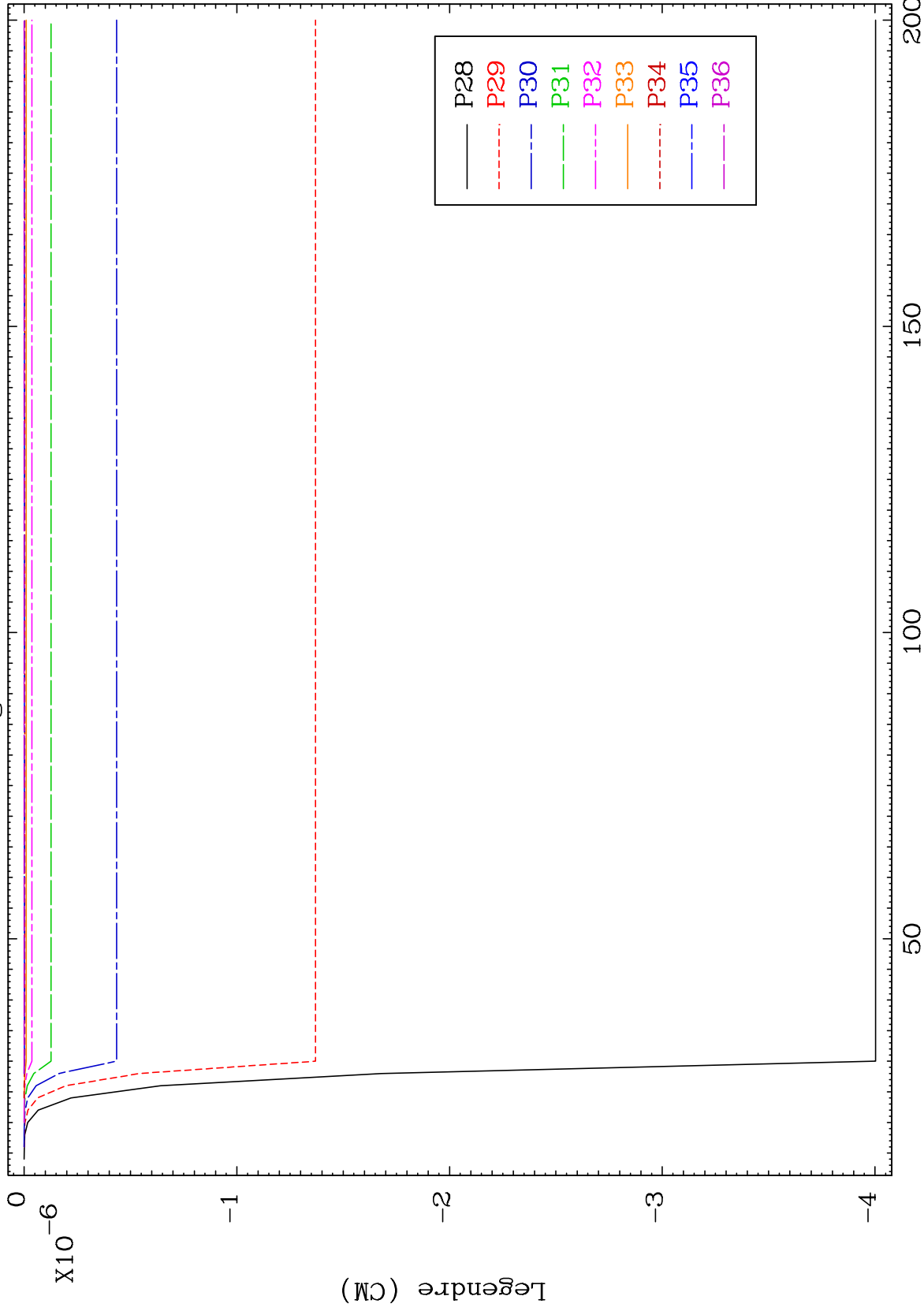
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



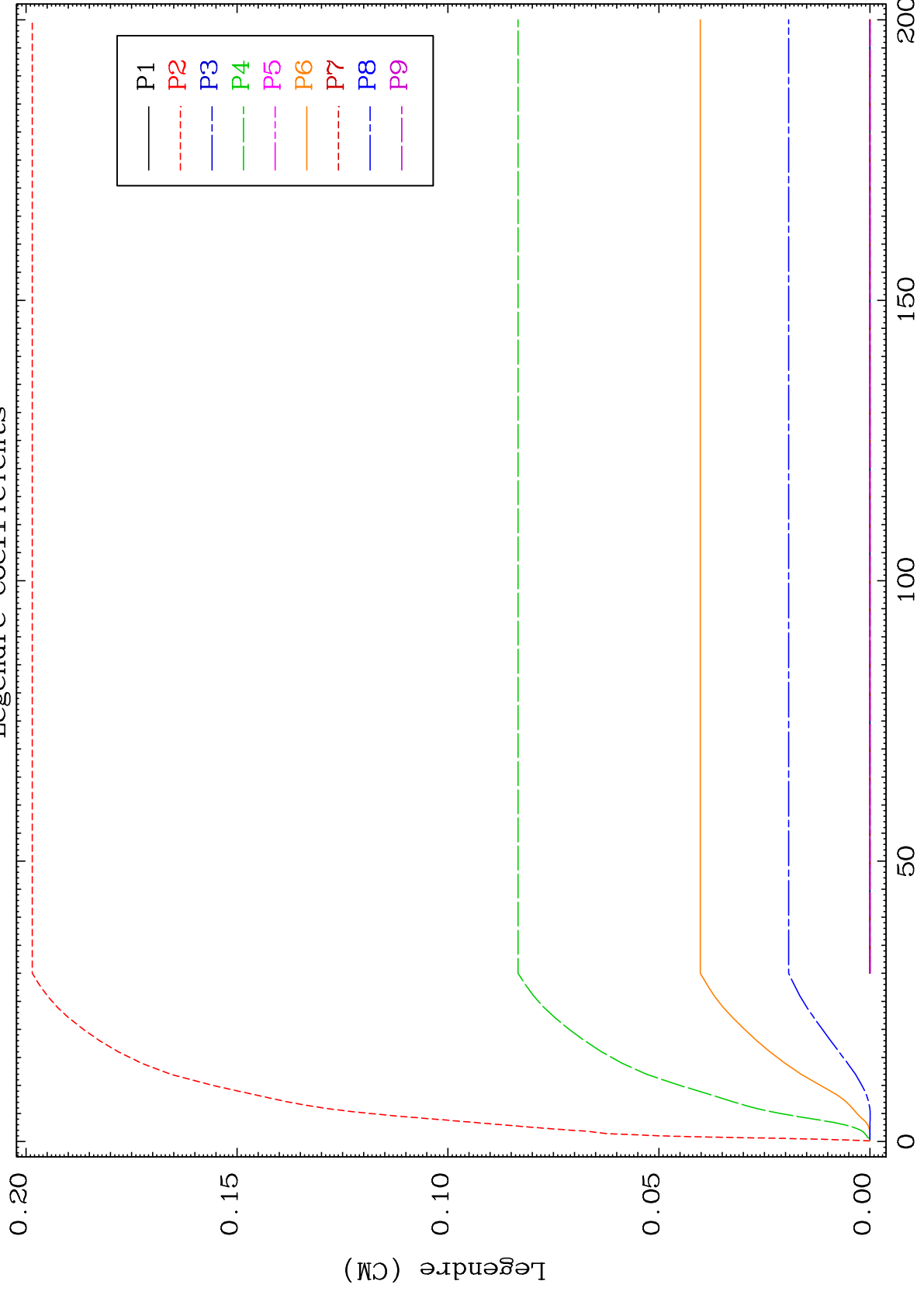
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47-Ag-116

MAT 4752

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

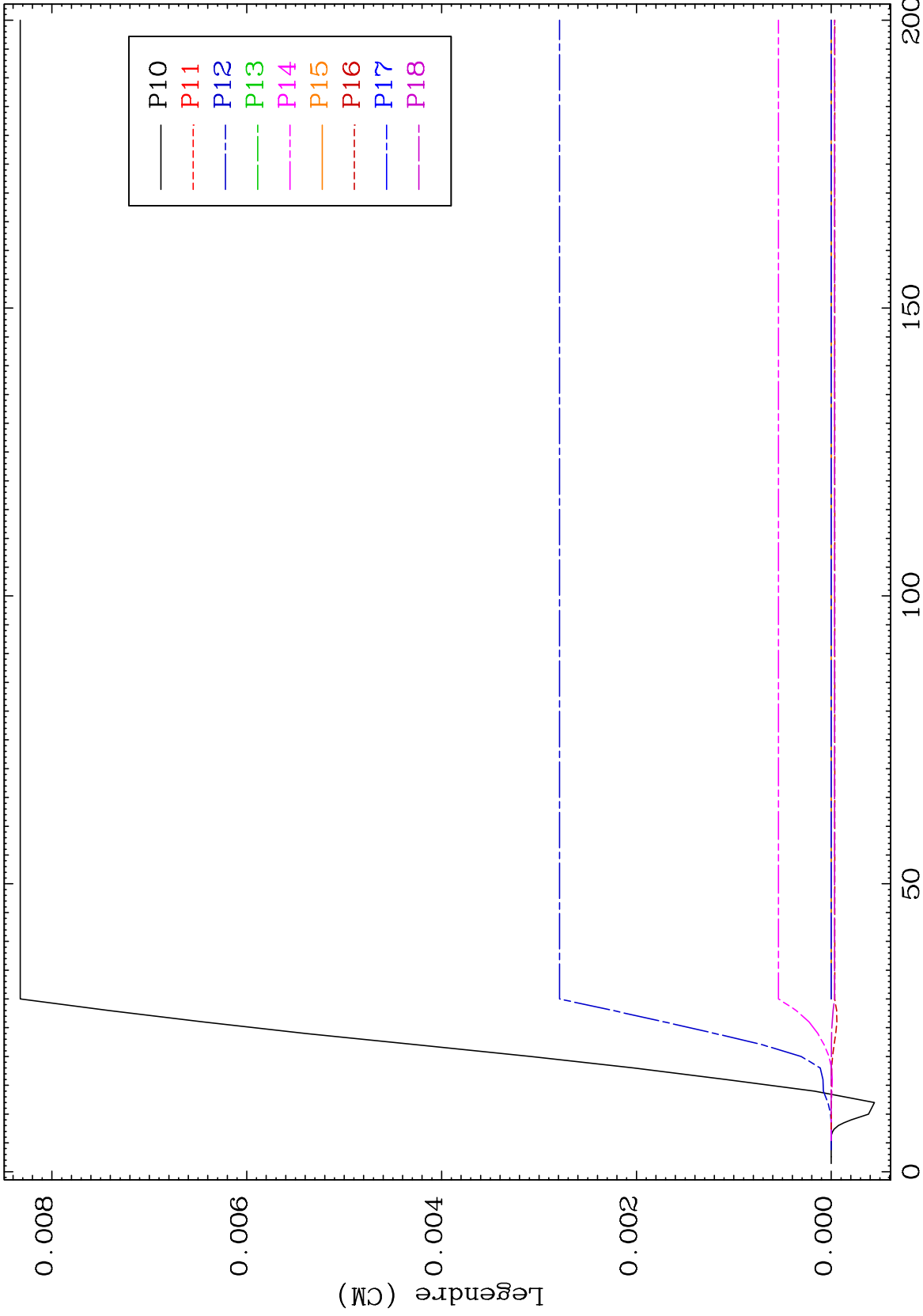
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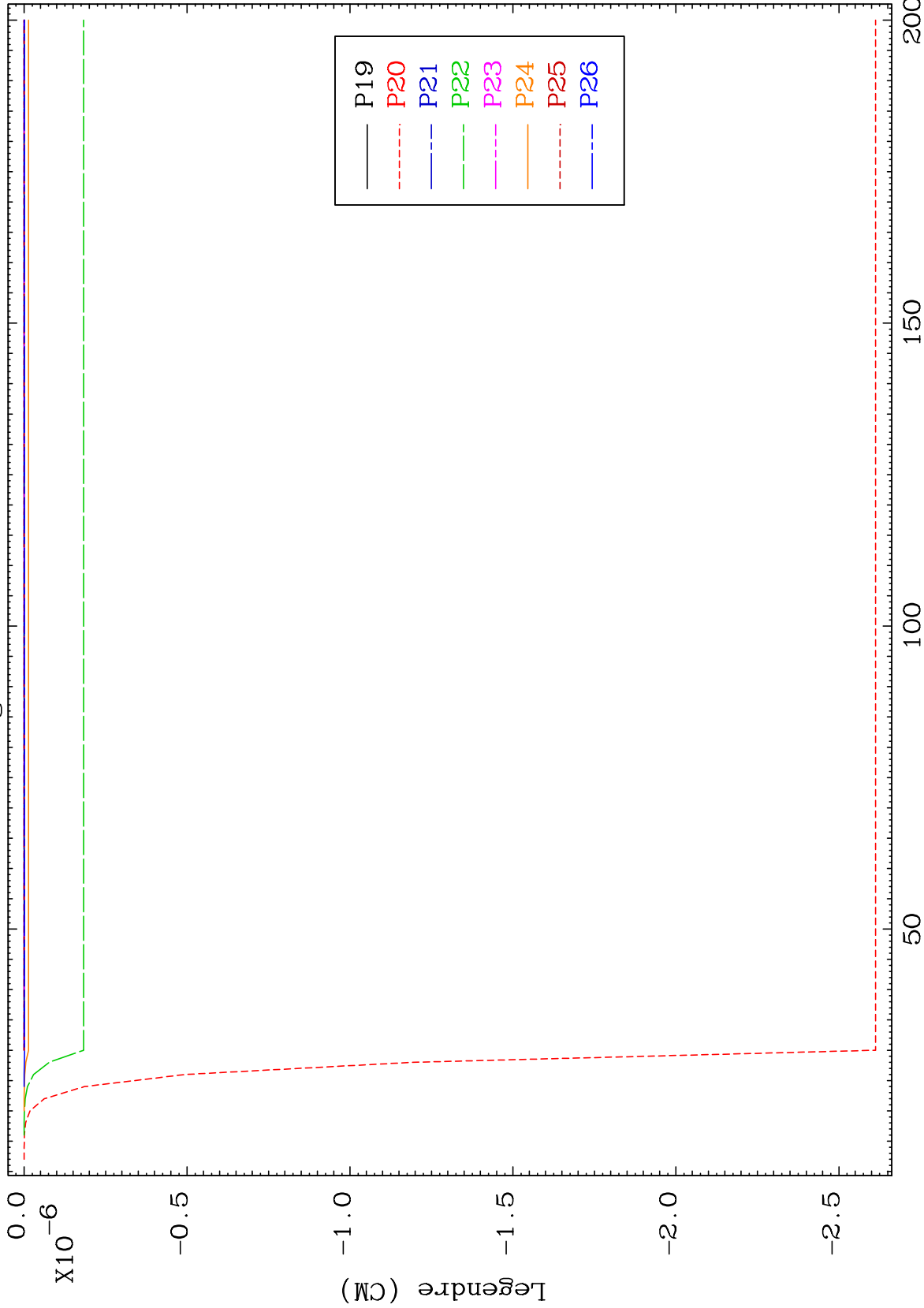


27

Incident Energy (MeV)

47-Ag-116

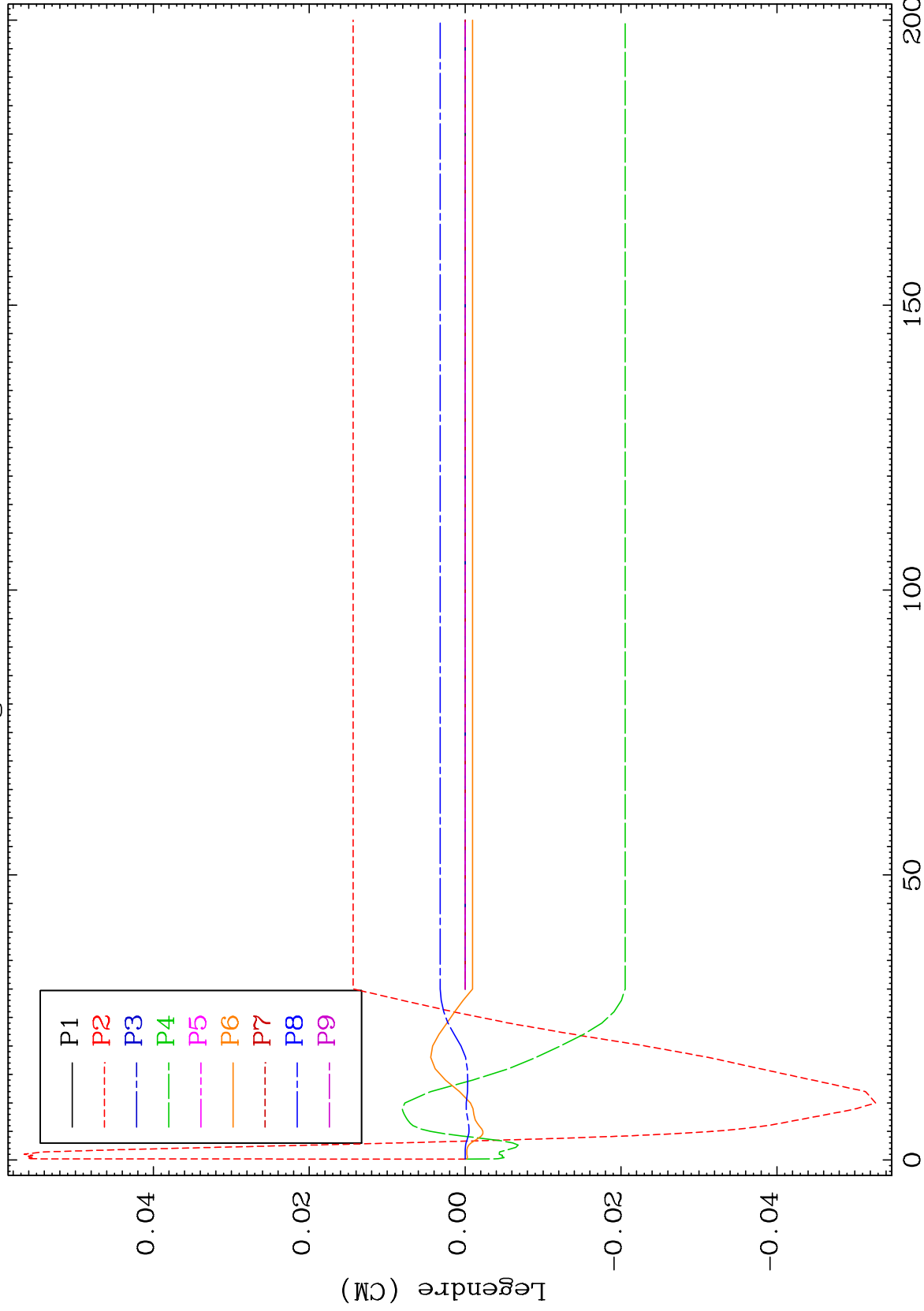




MAT 4752

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

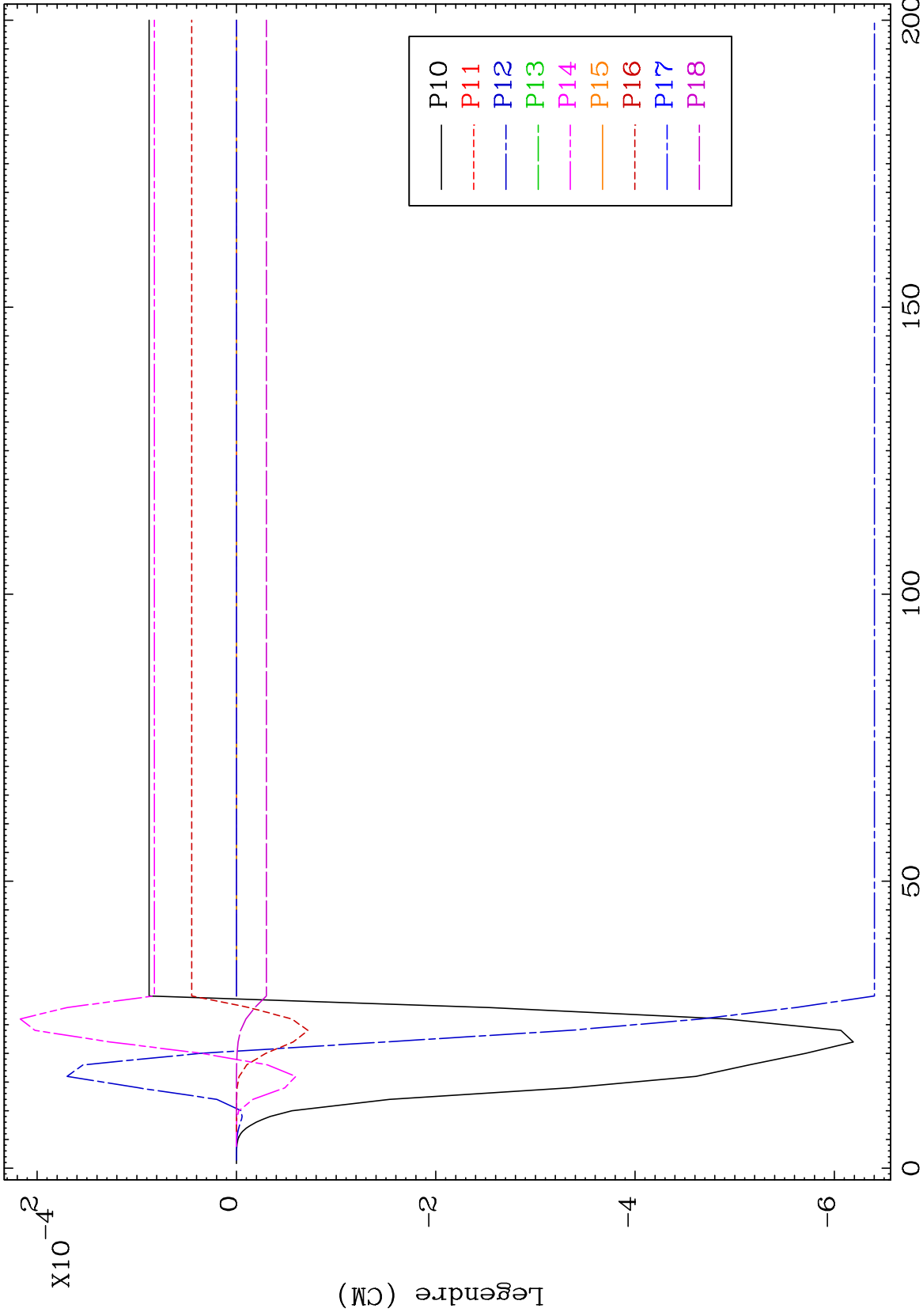
47-Ag-116



47-Ag-116

Incident Energy (MeV)

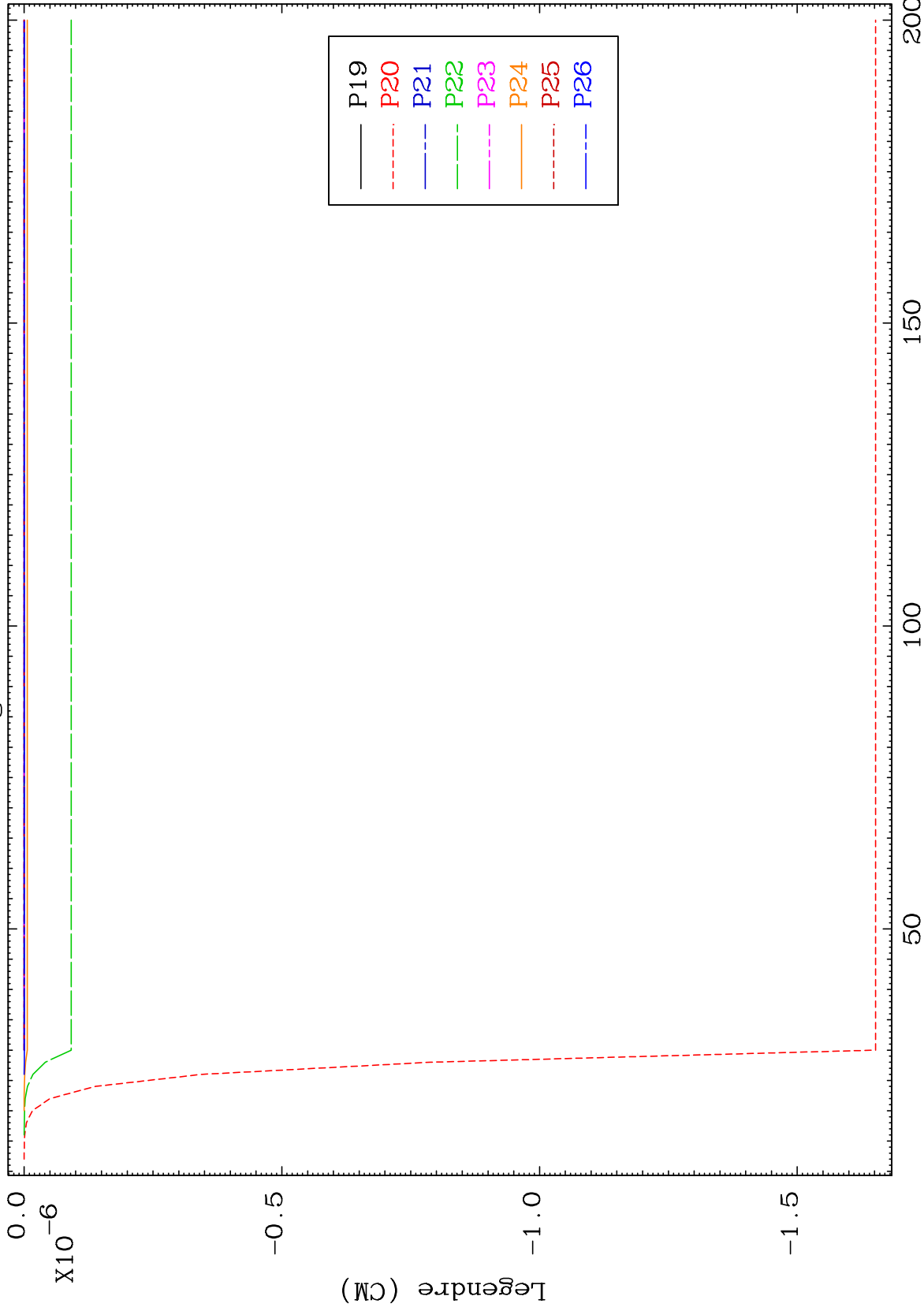
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MAT 4752

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

47-Ag-116



32

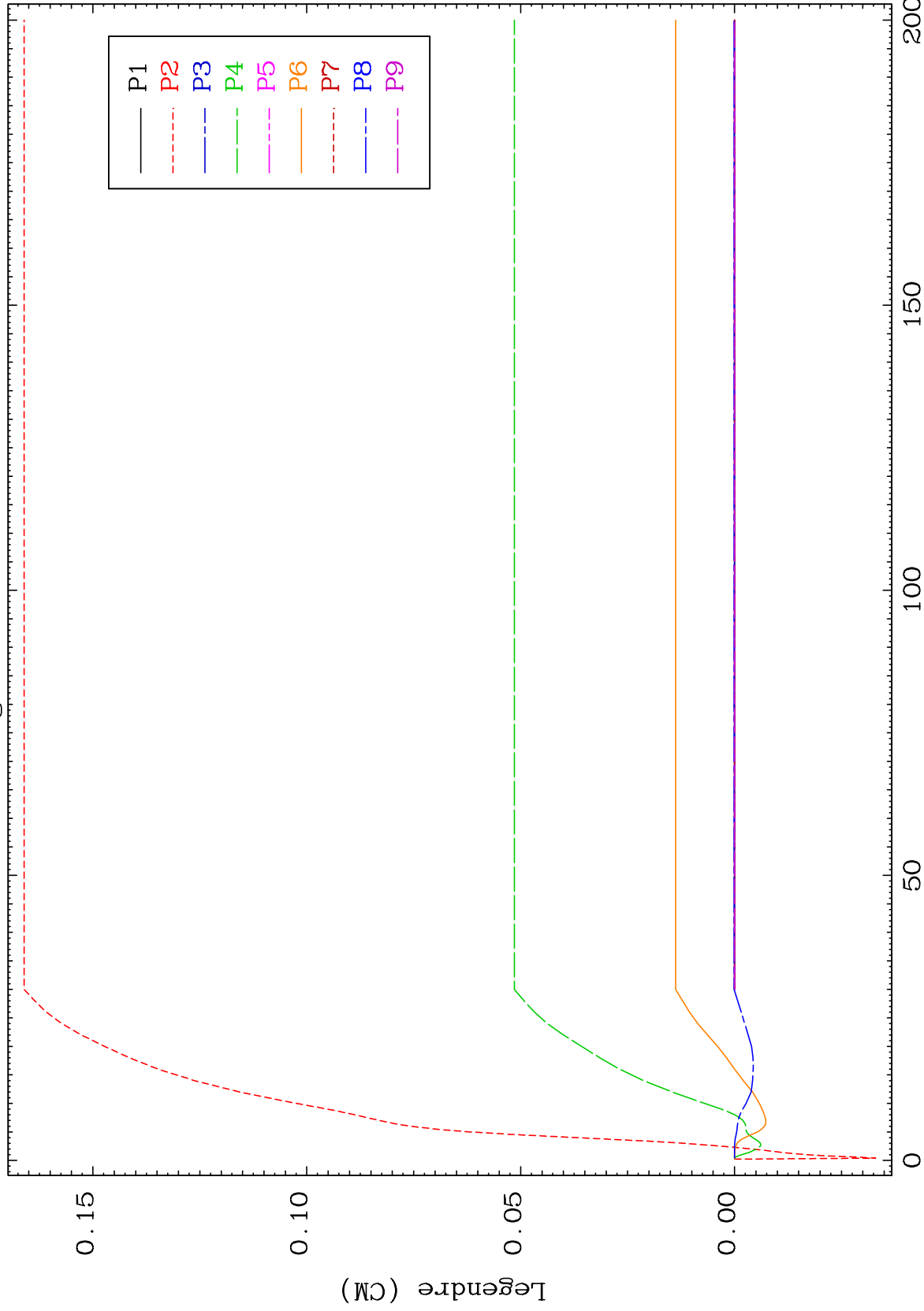
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



33

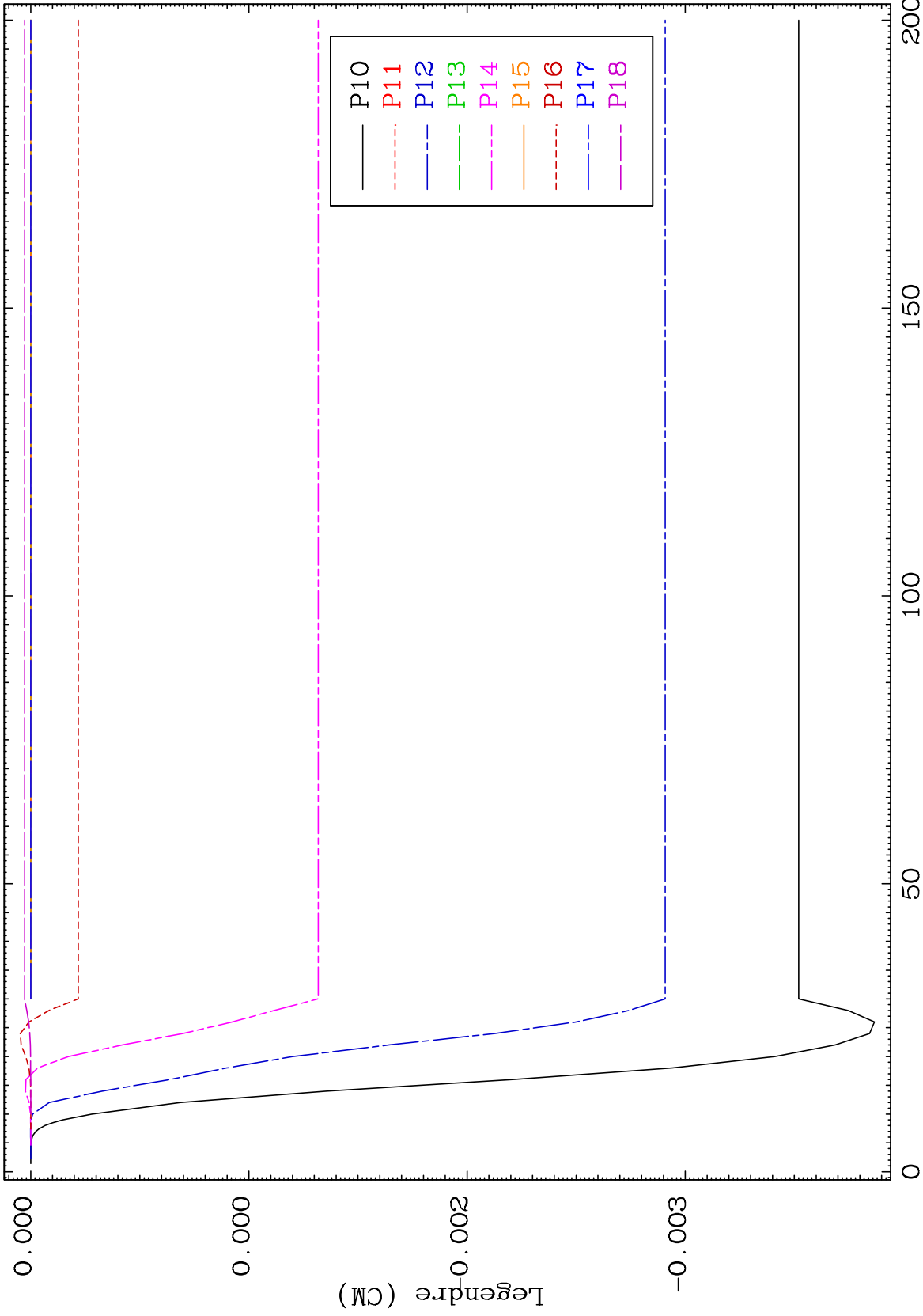
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



34

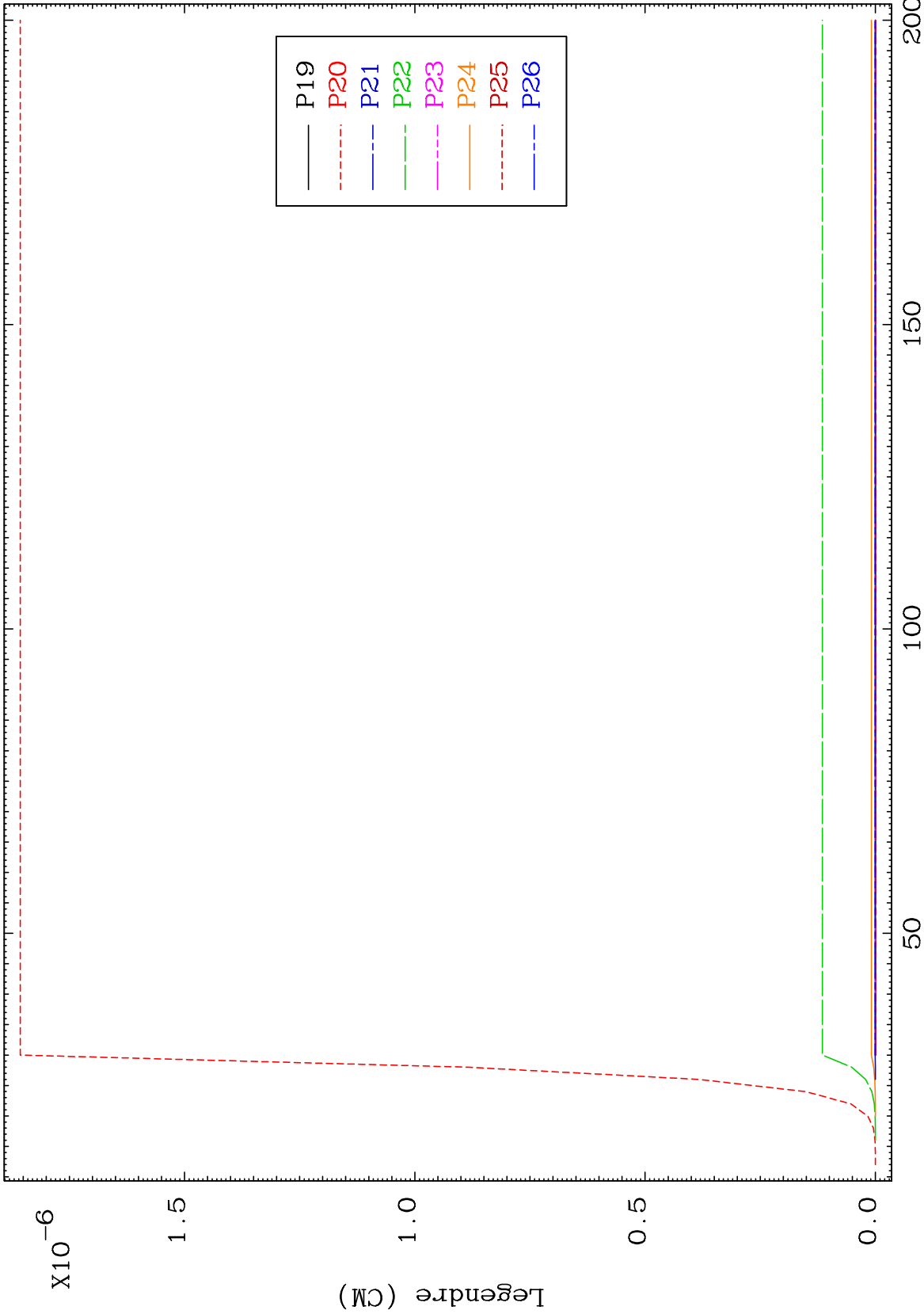
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



35

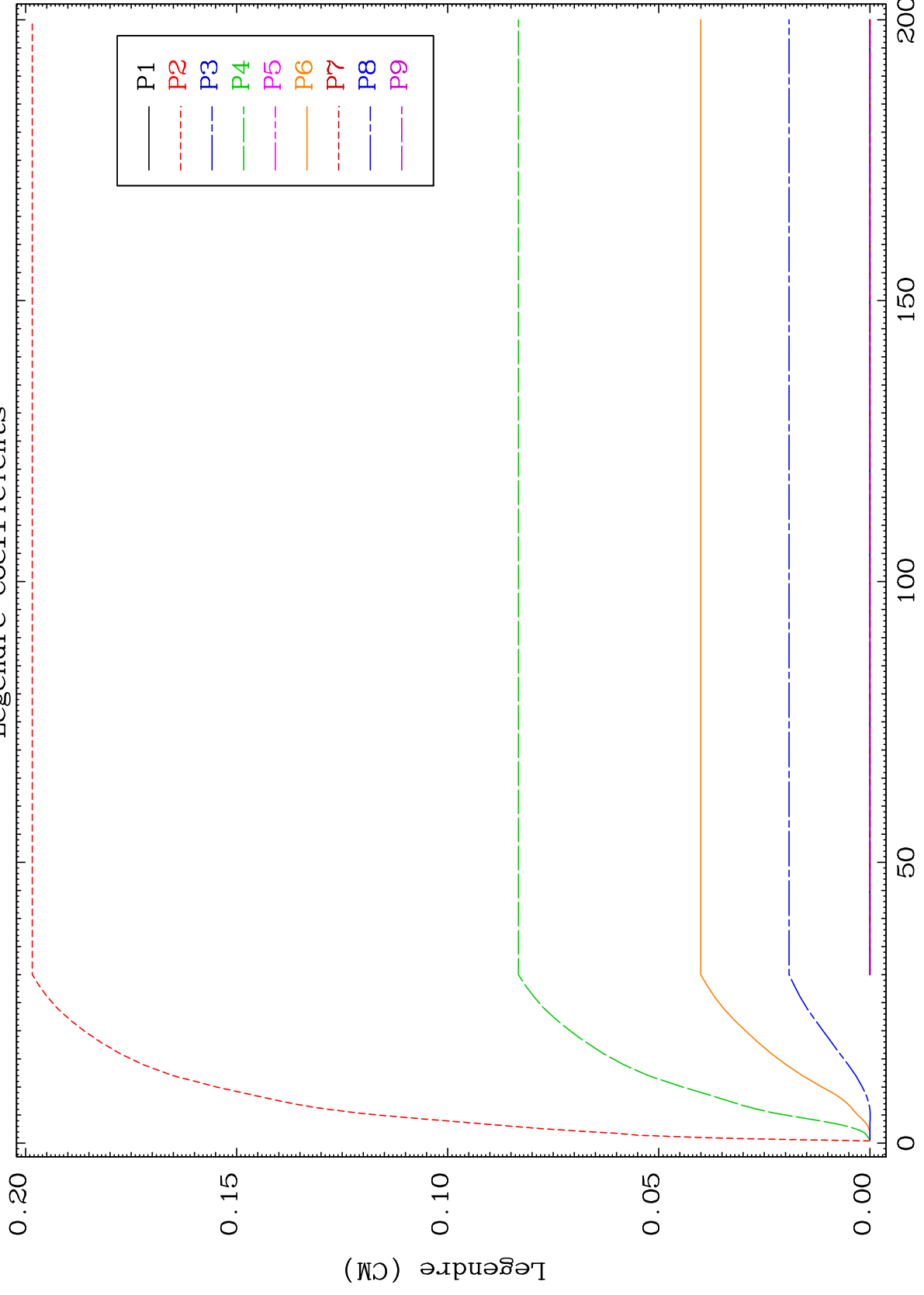
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



36

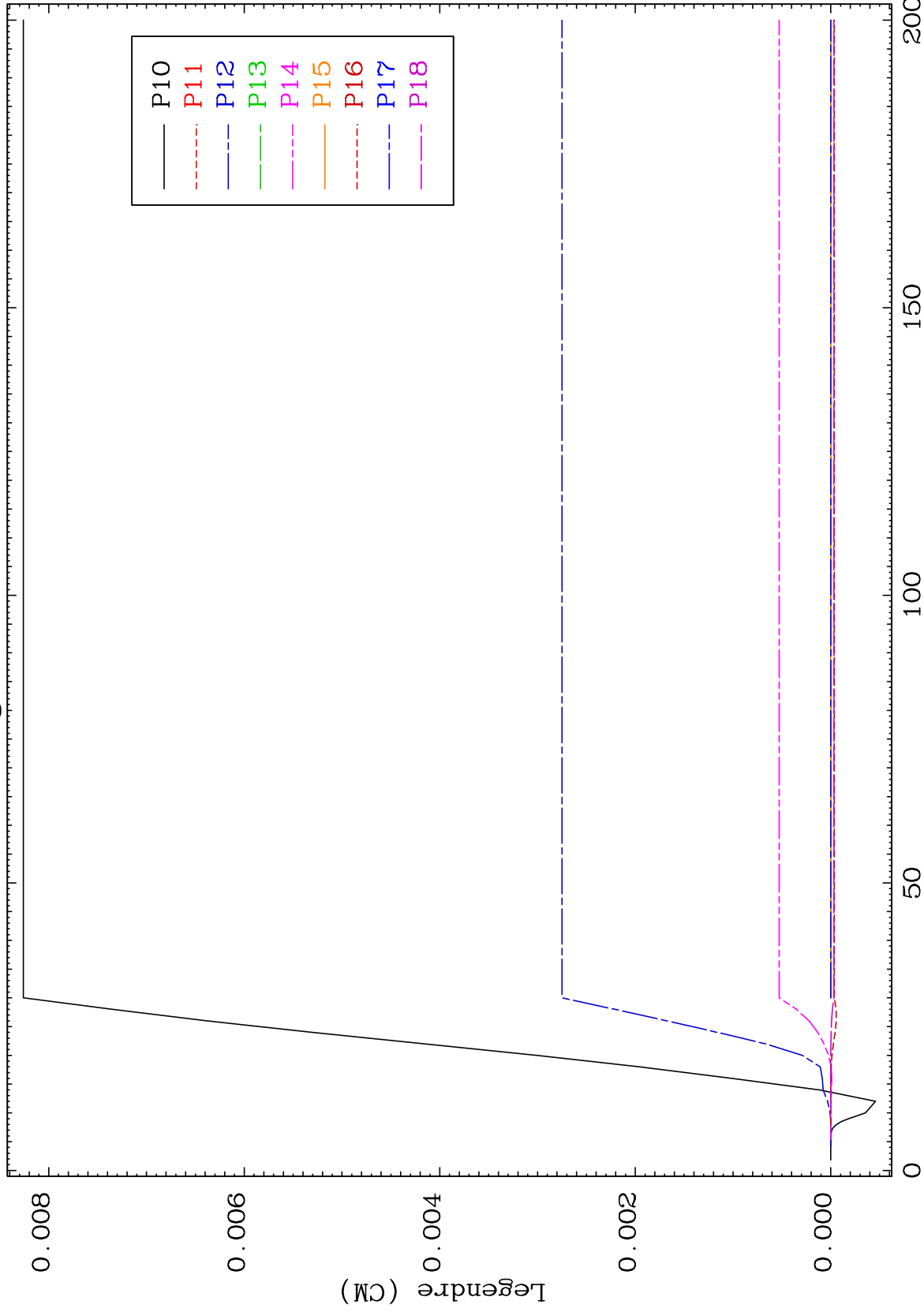
Incident Energy (MeV)

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MAT 4752

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

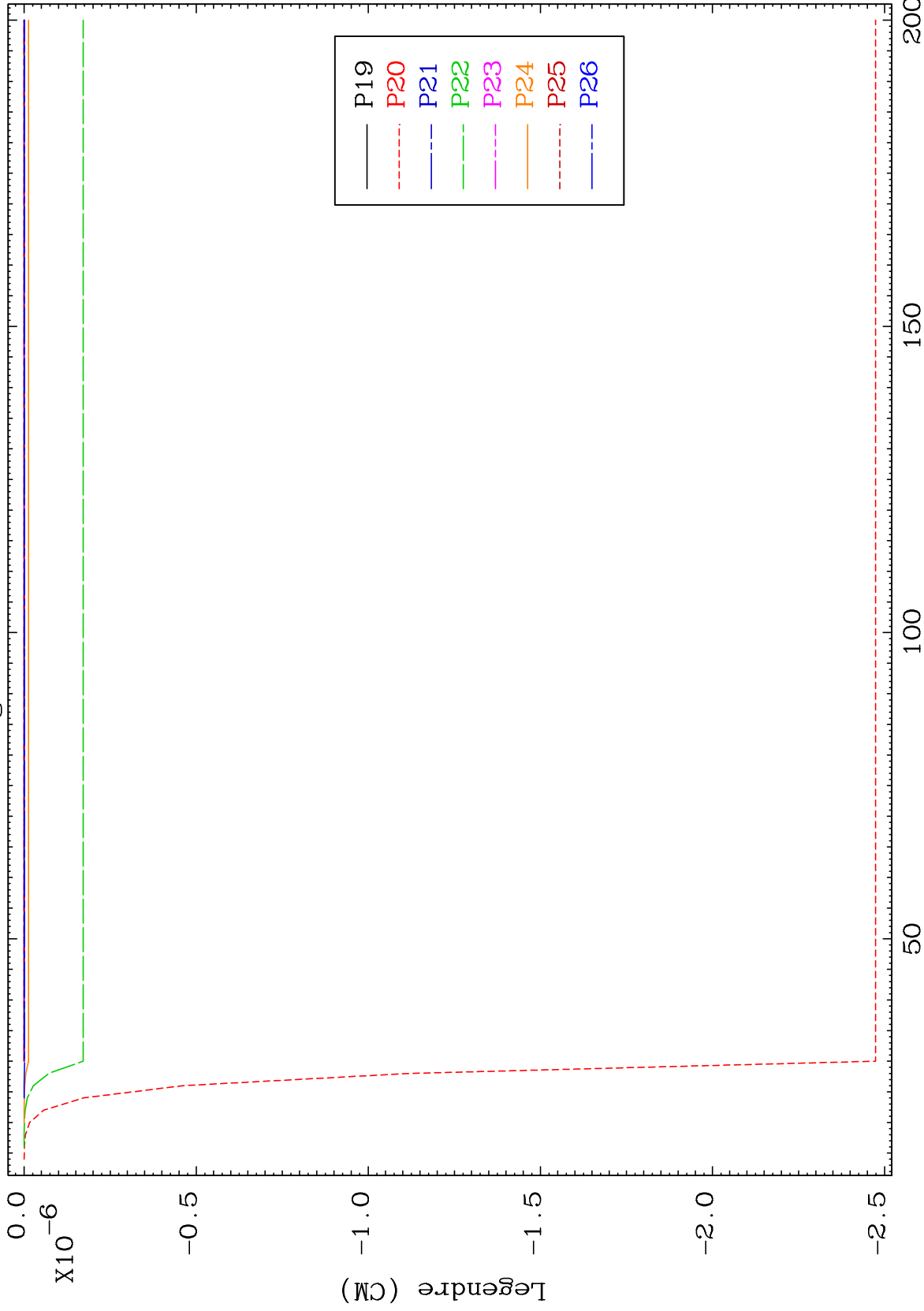
47-Ag-116



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Incident Energy (MeV)

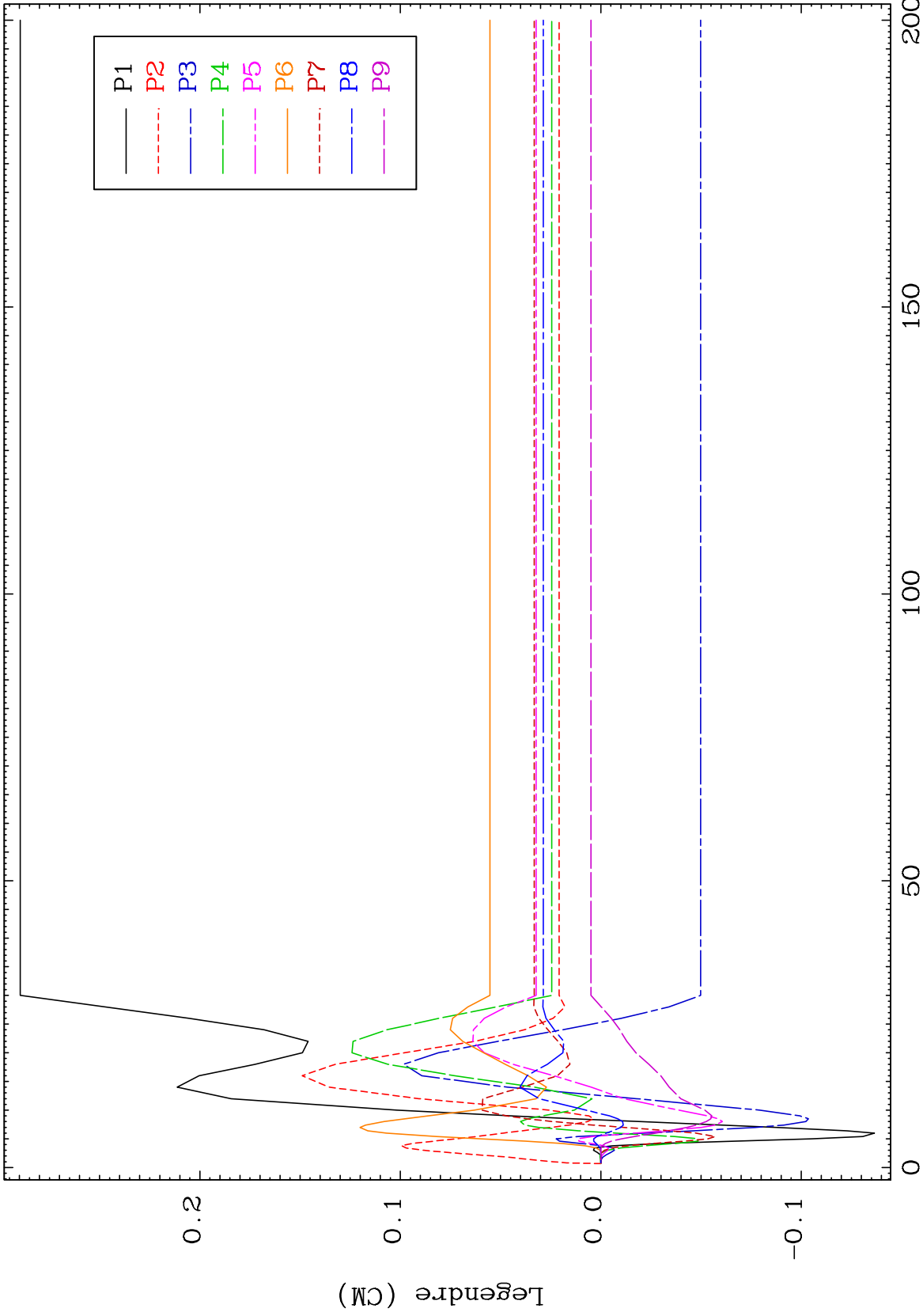
47-Ag-116



MAT 4752

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

47-Ag-116



39

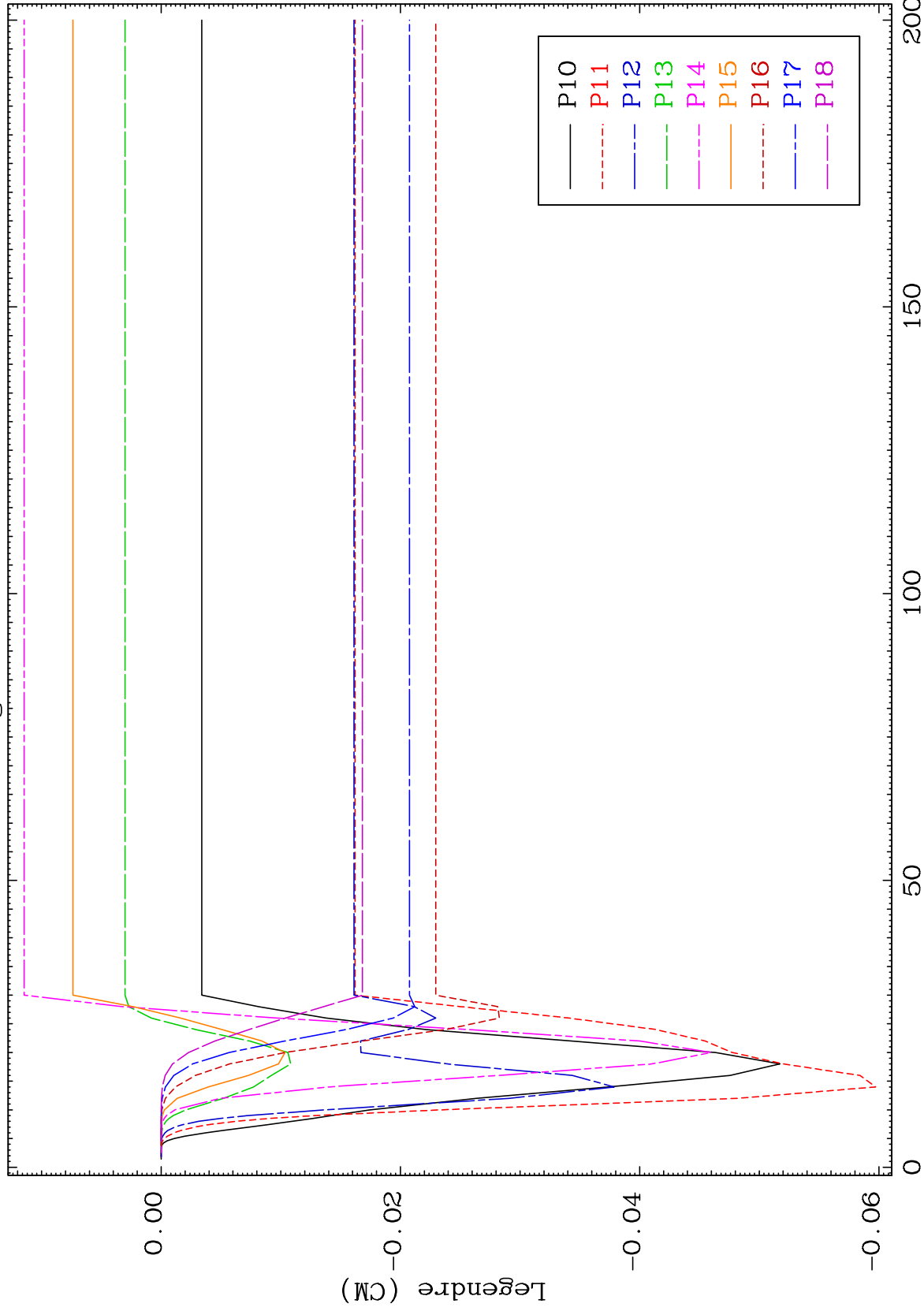
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

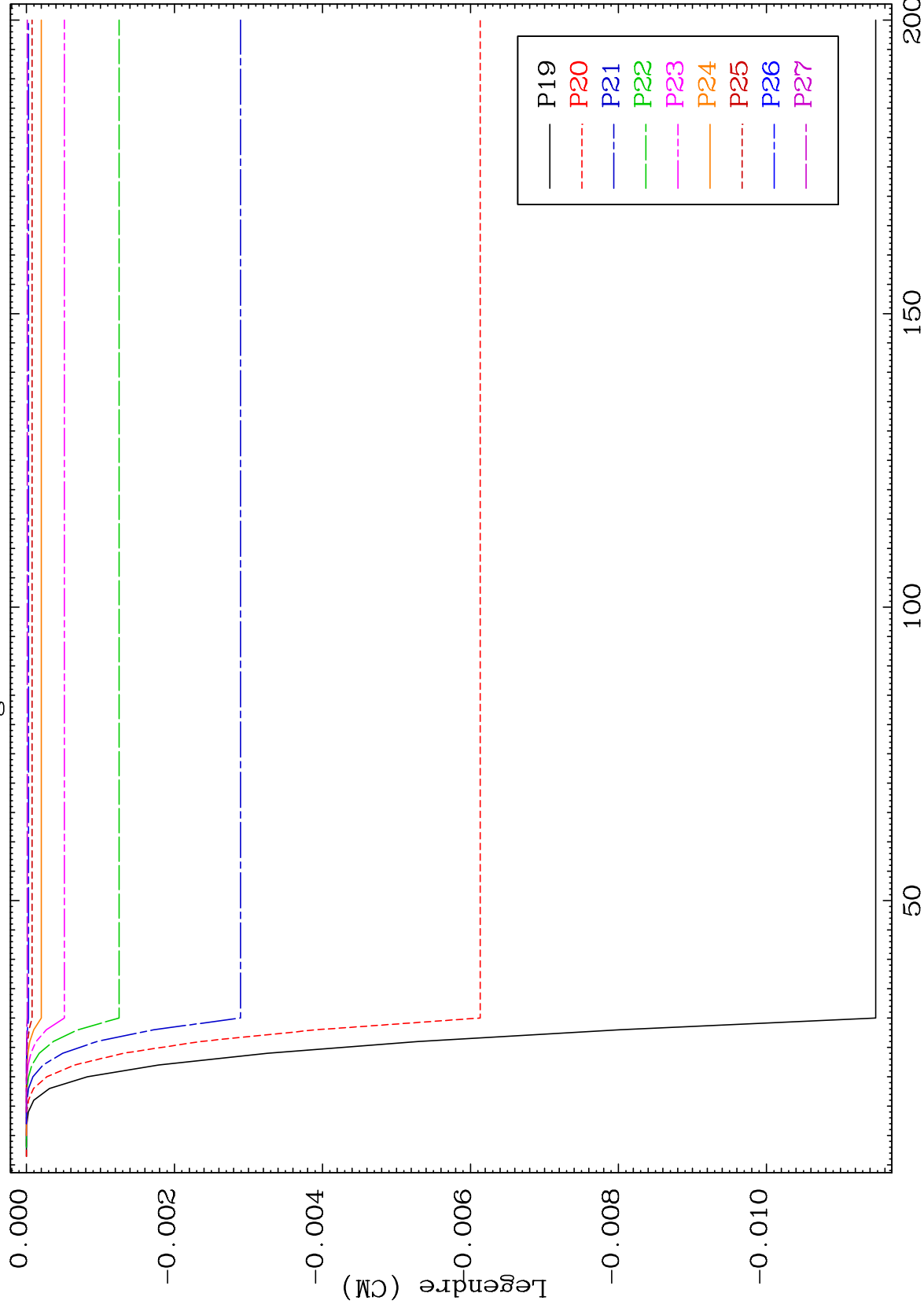
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40

Incident Energy (MeV)

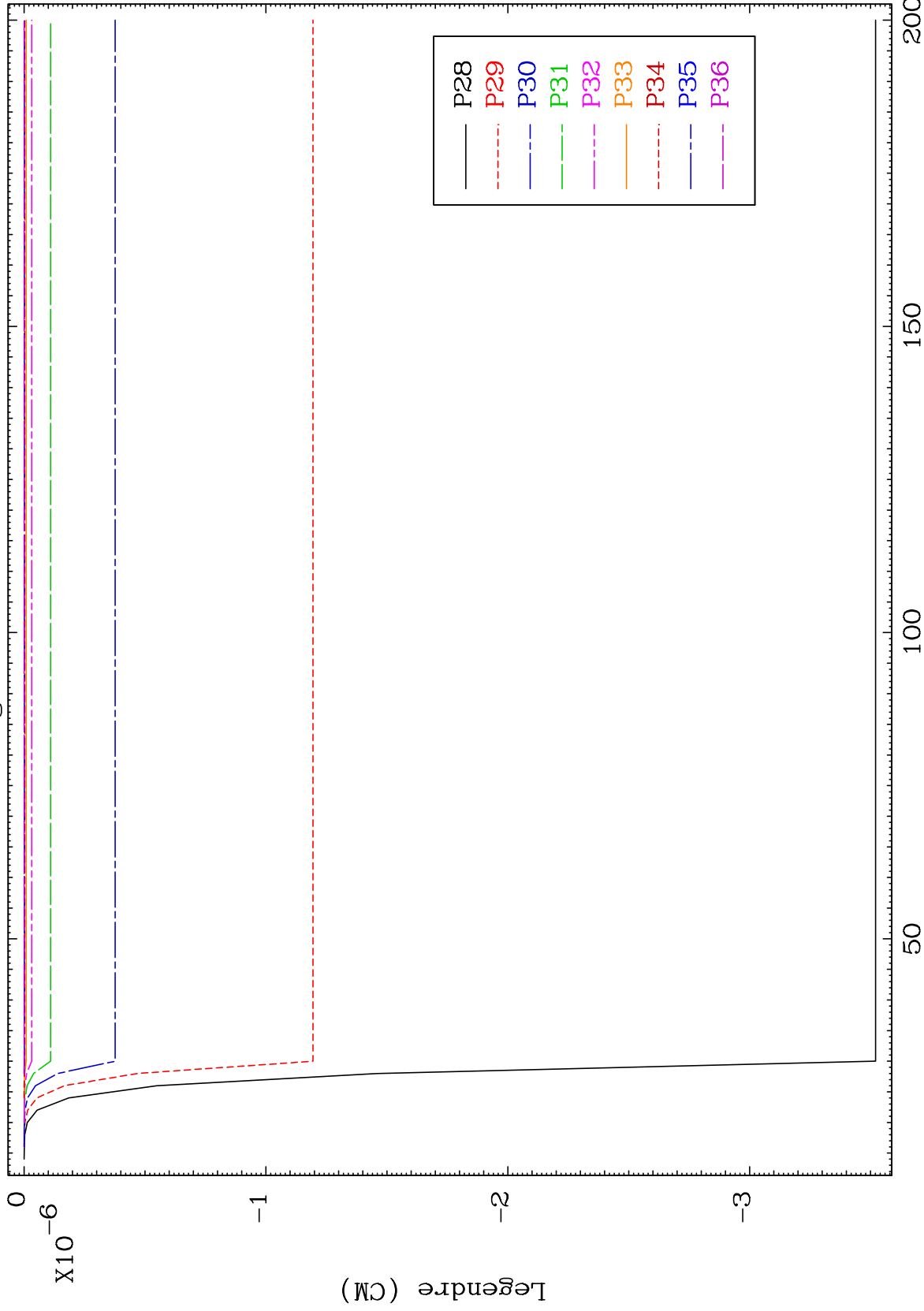
47-Ag-116



MAT 4752

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

47-Ag-116



42

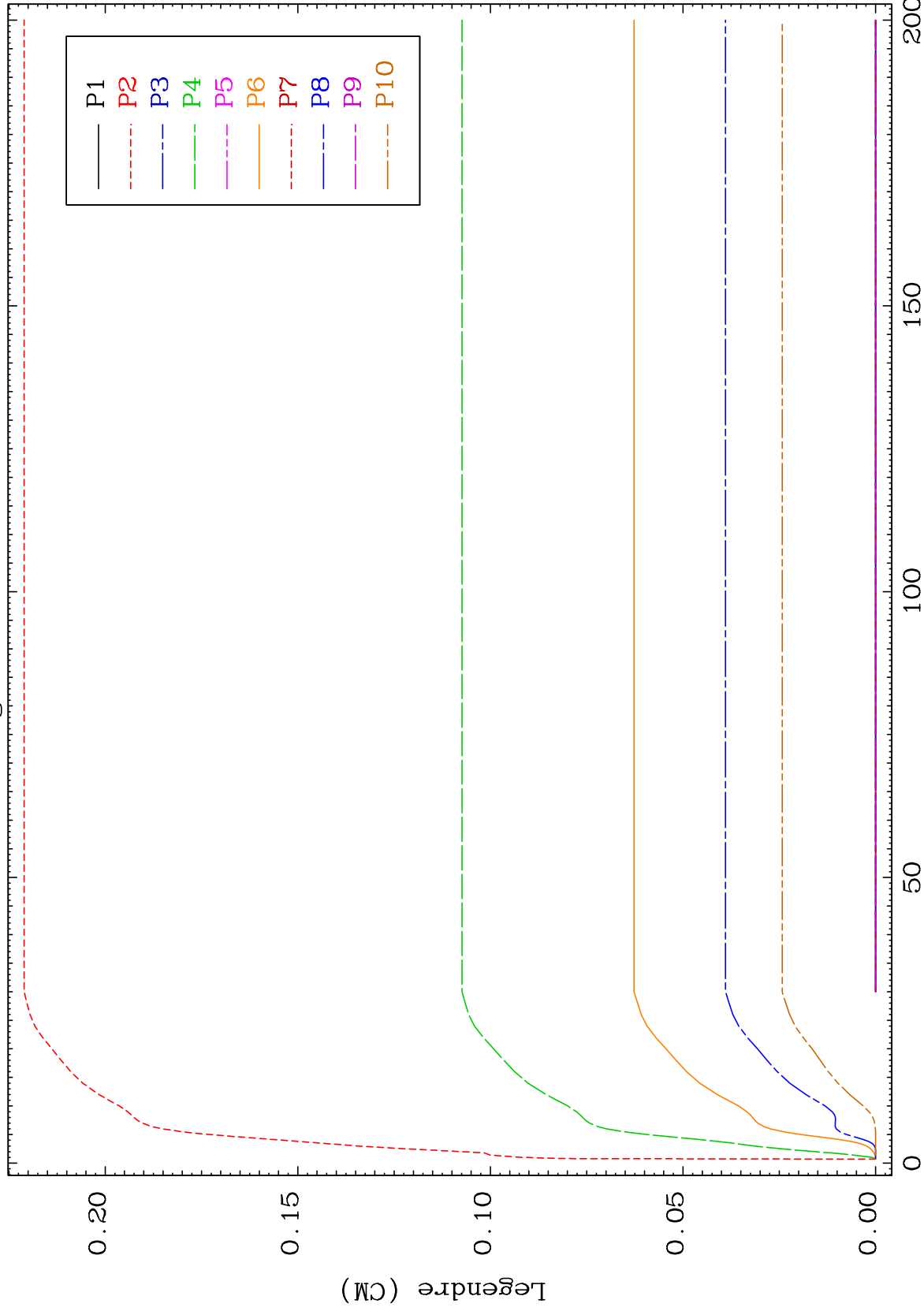
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



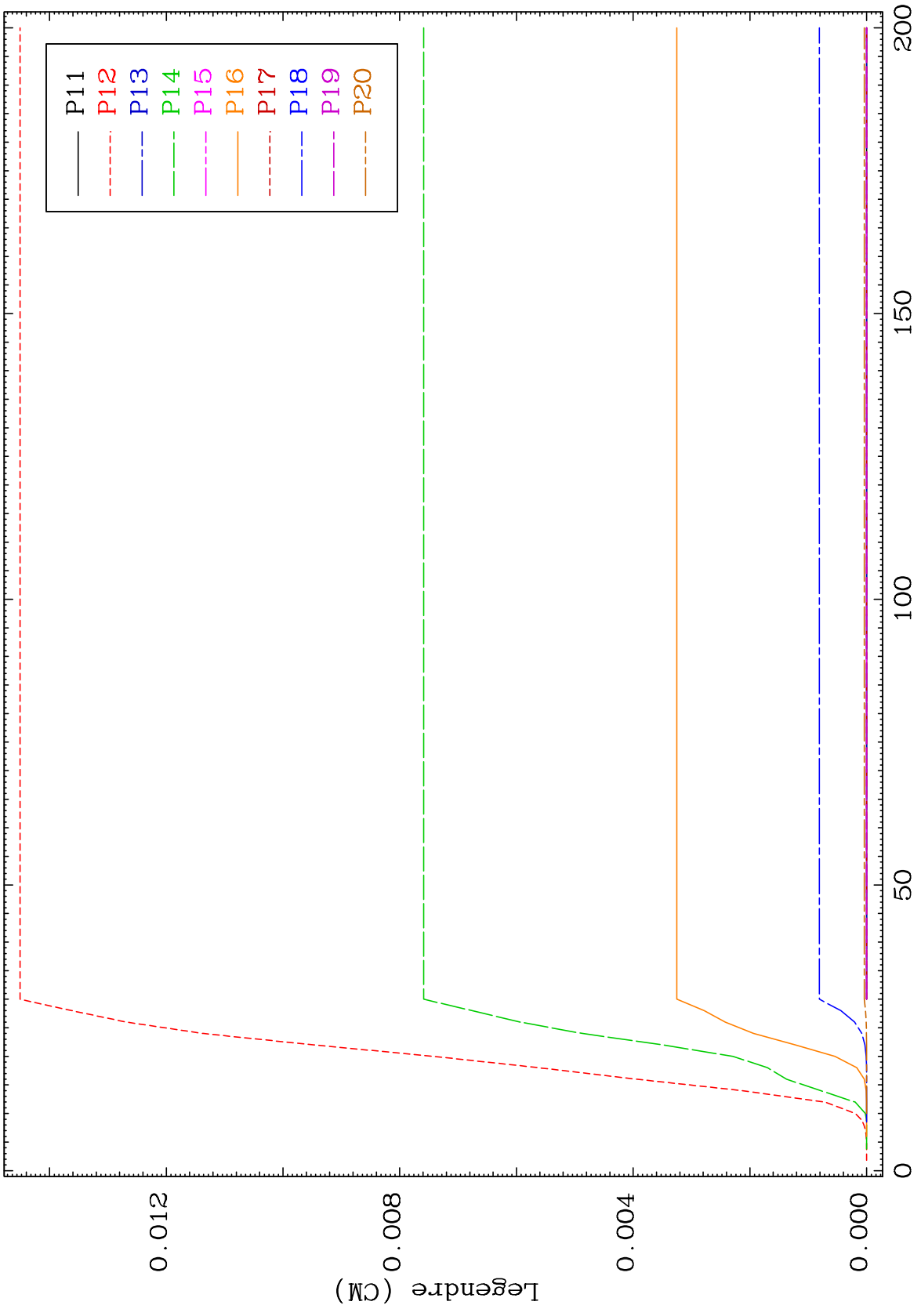
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47-Ag-116

MAT 4752

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

47-Ag-116



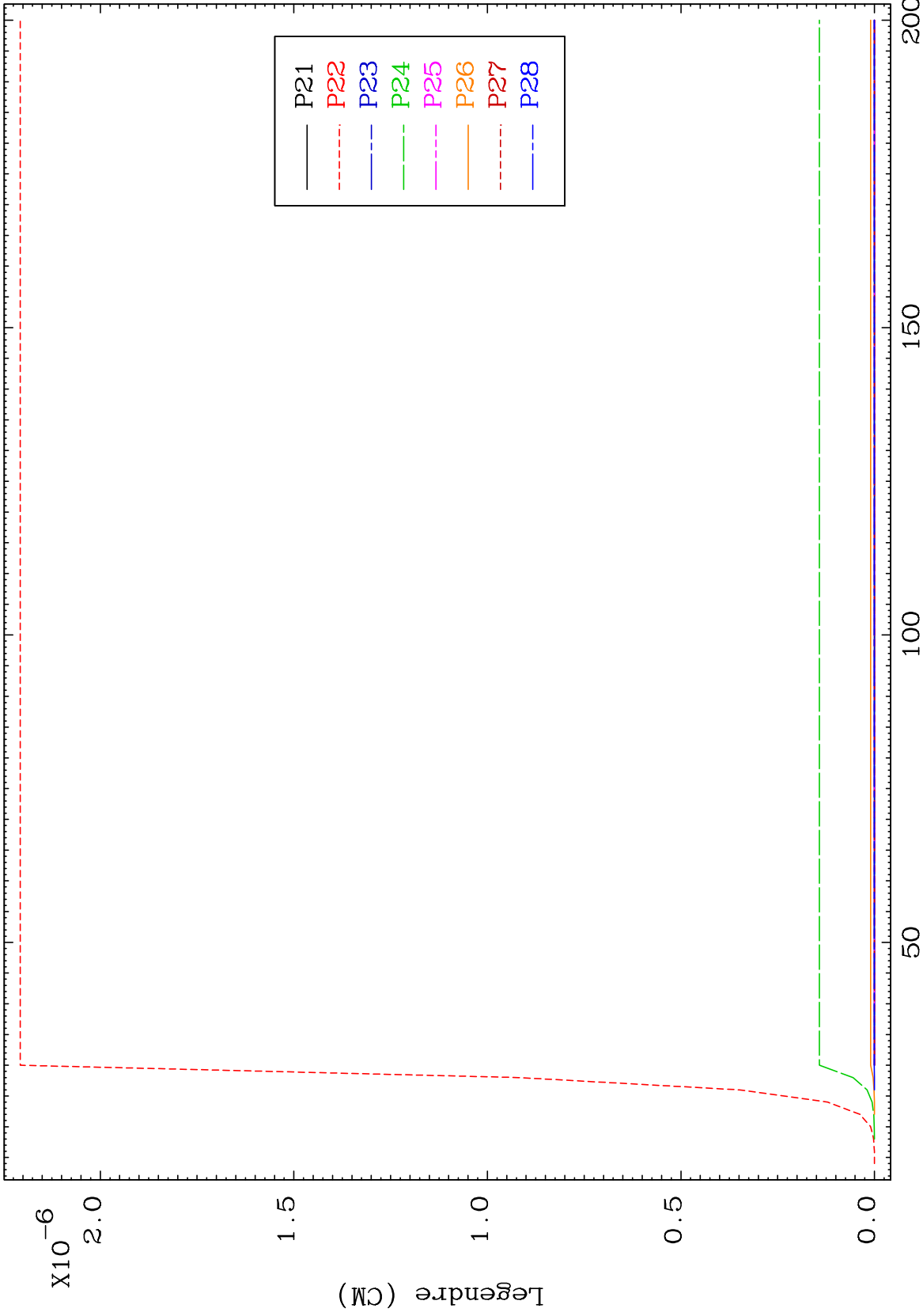
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47-Ag-116

MAT 4752

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

47-Ag-116



45

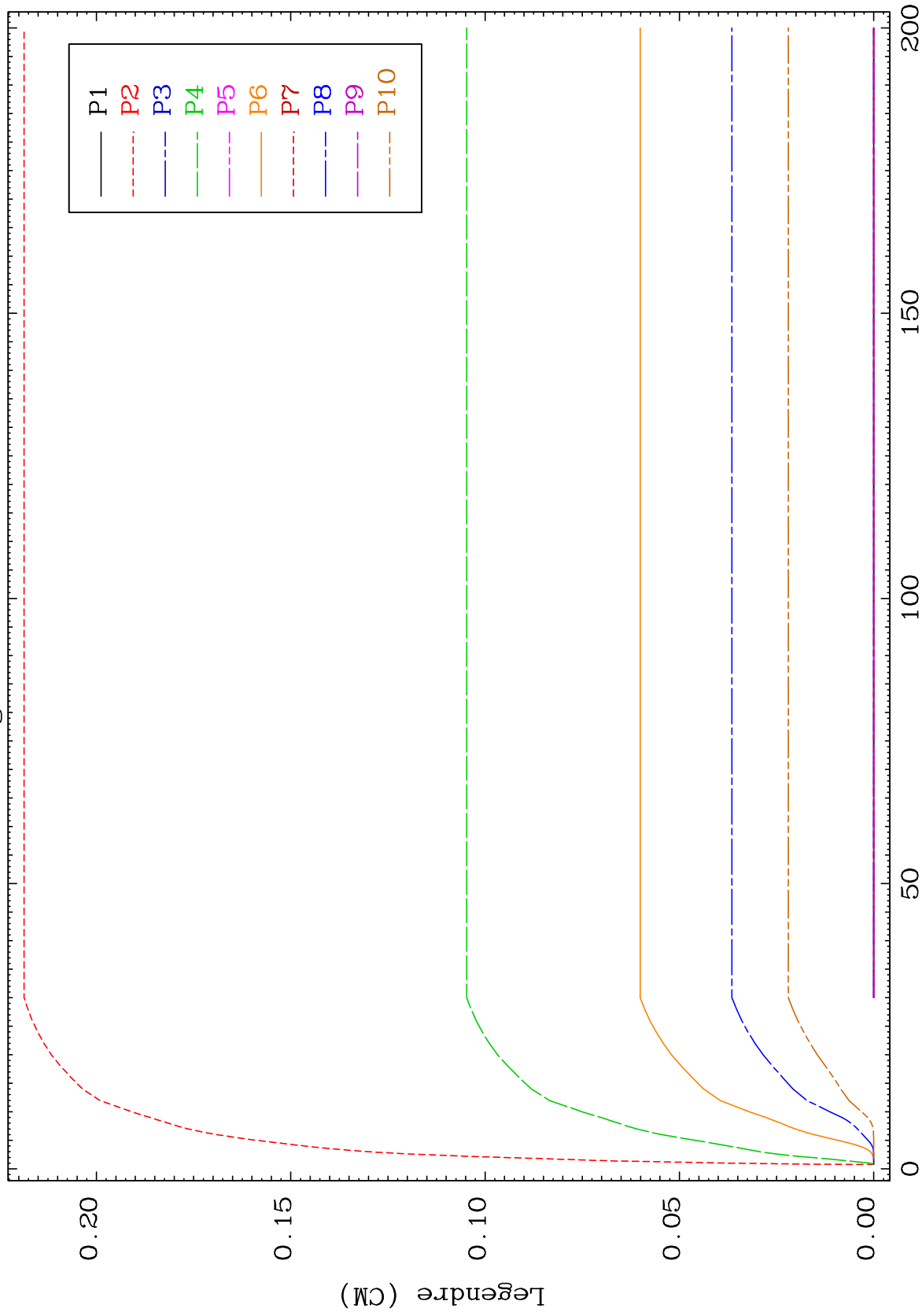
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



46

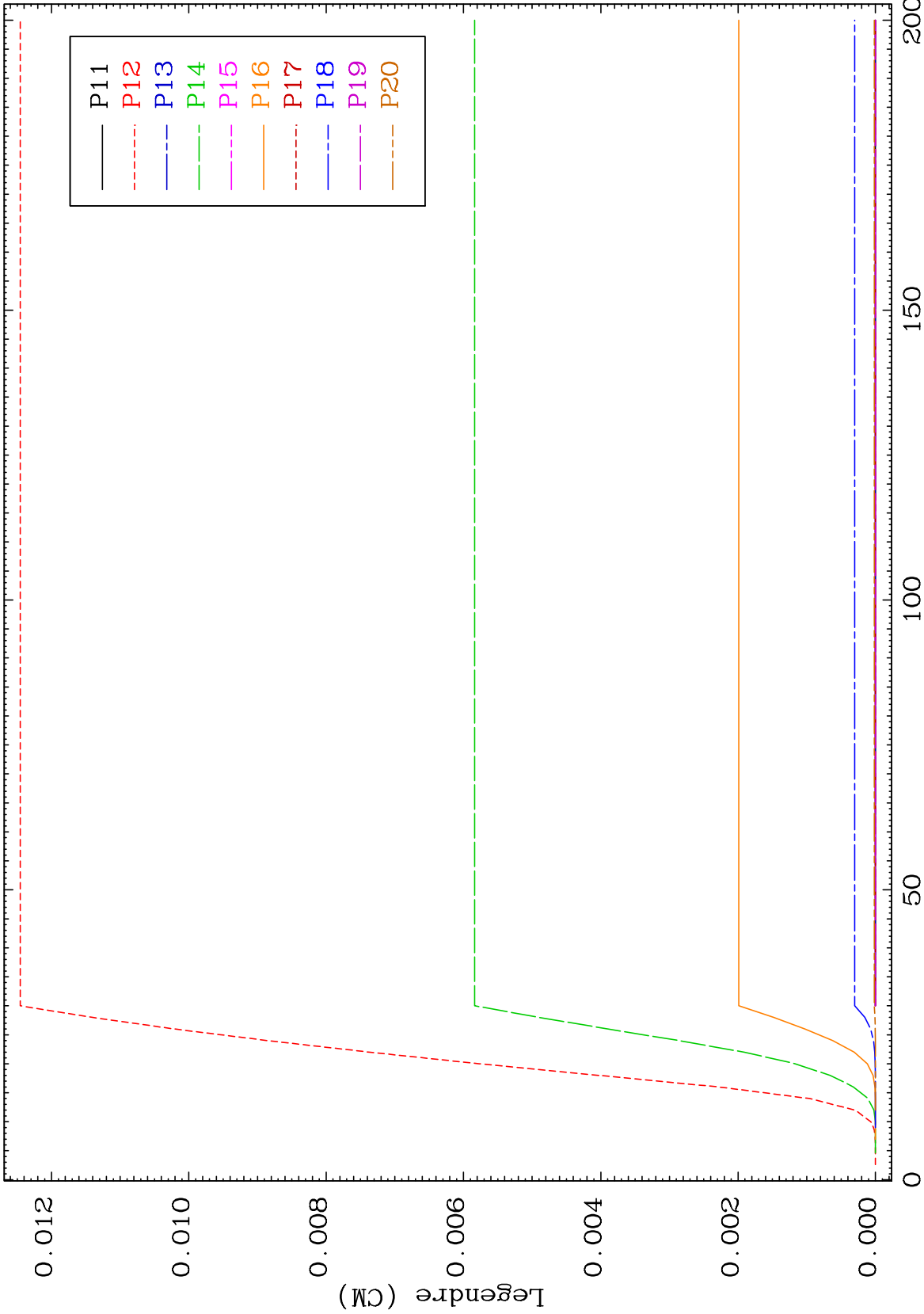
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



47

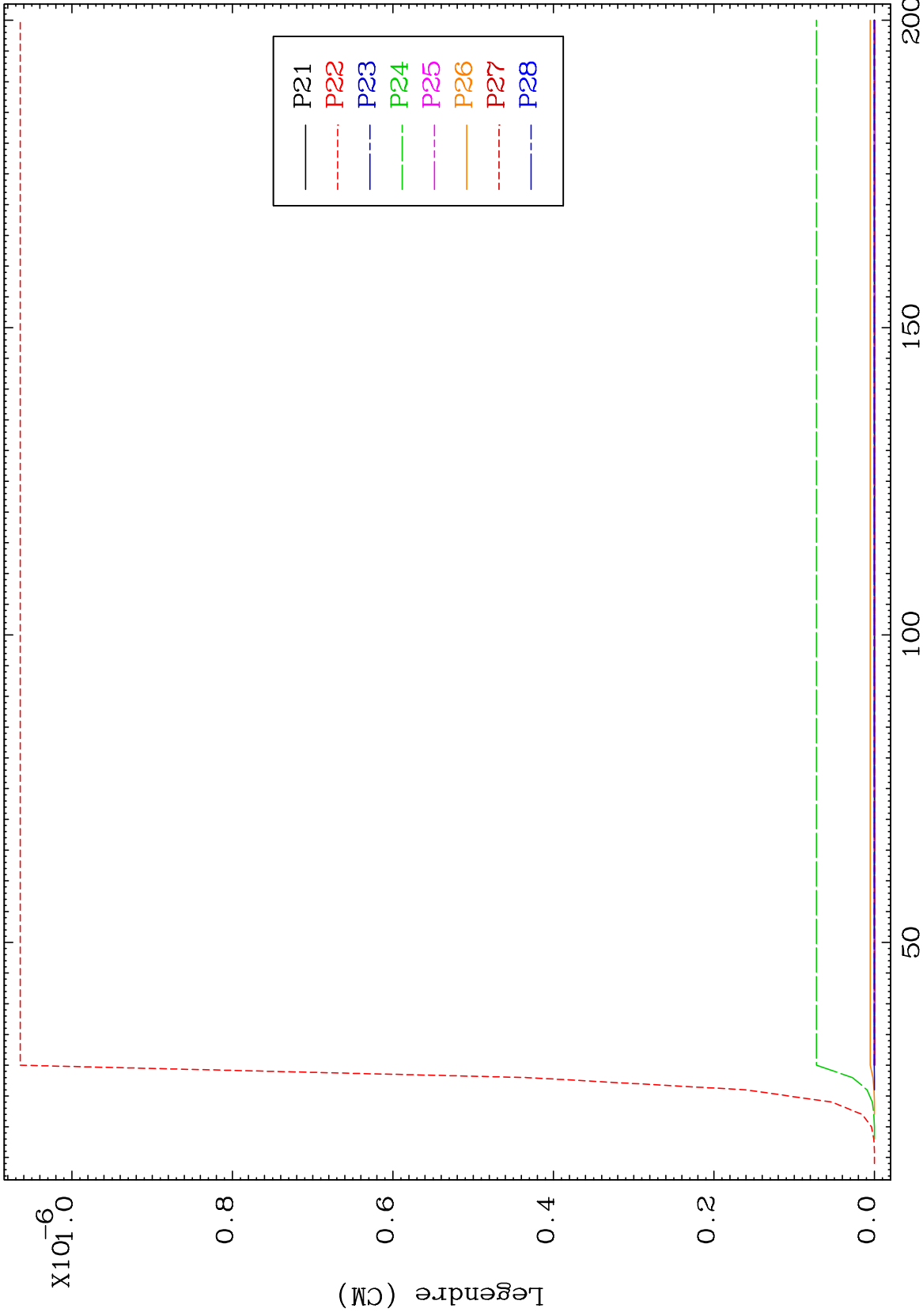
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



48

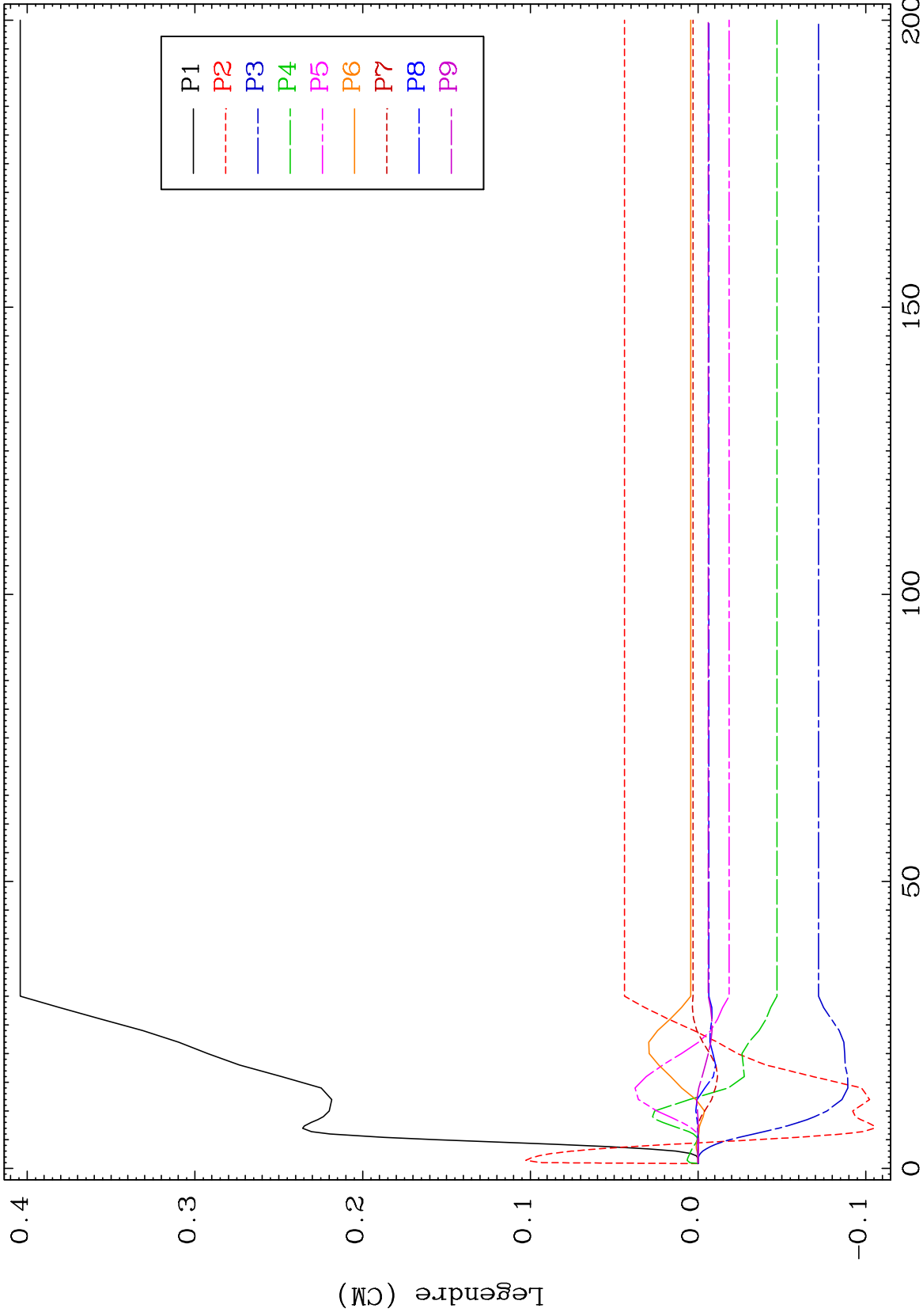
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



49

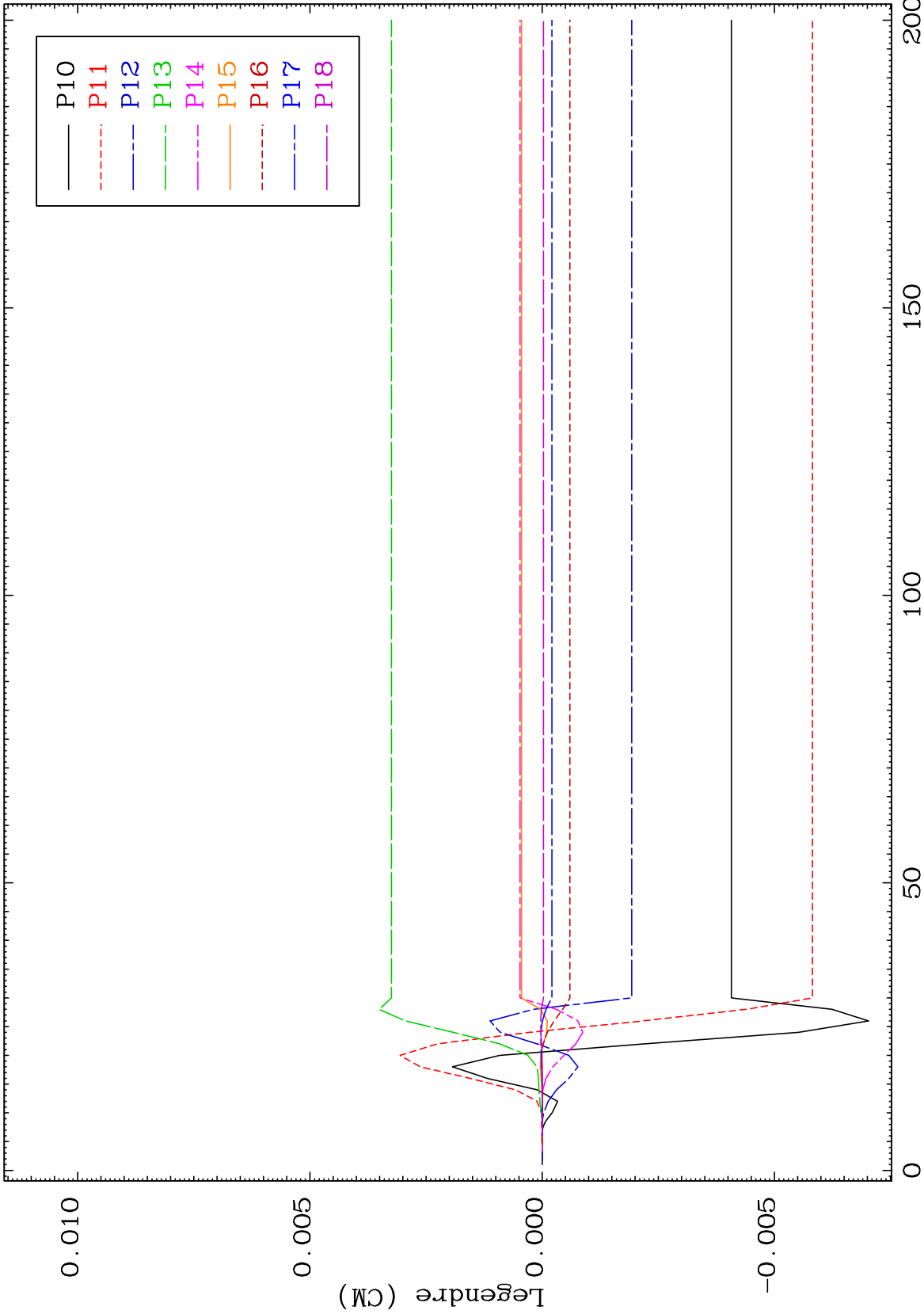
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

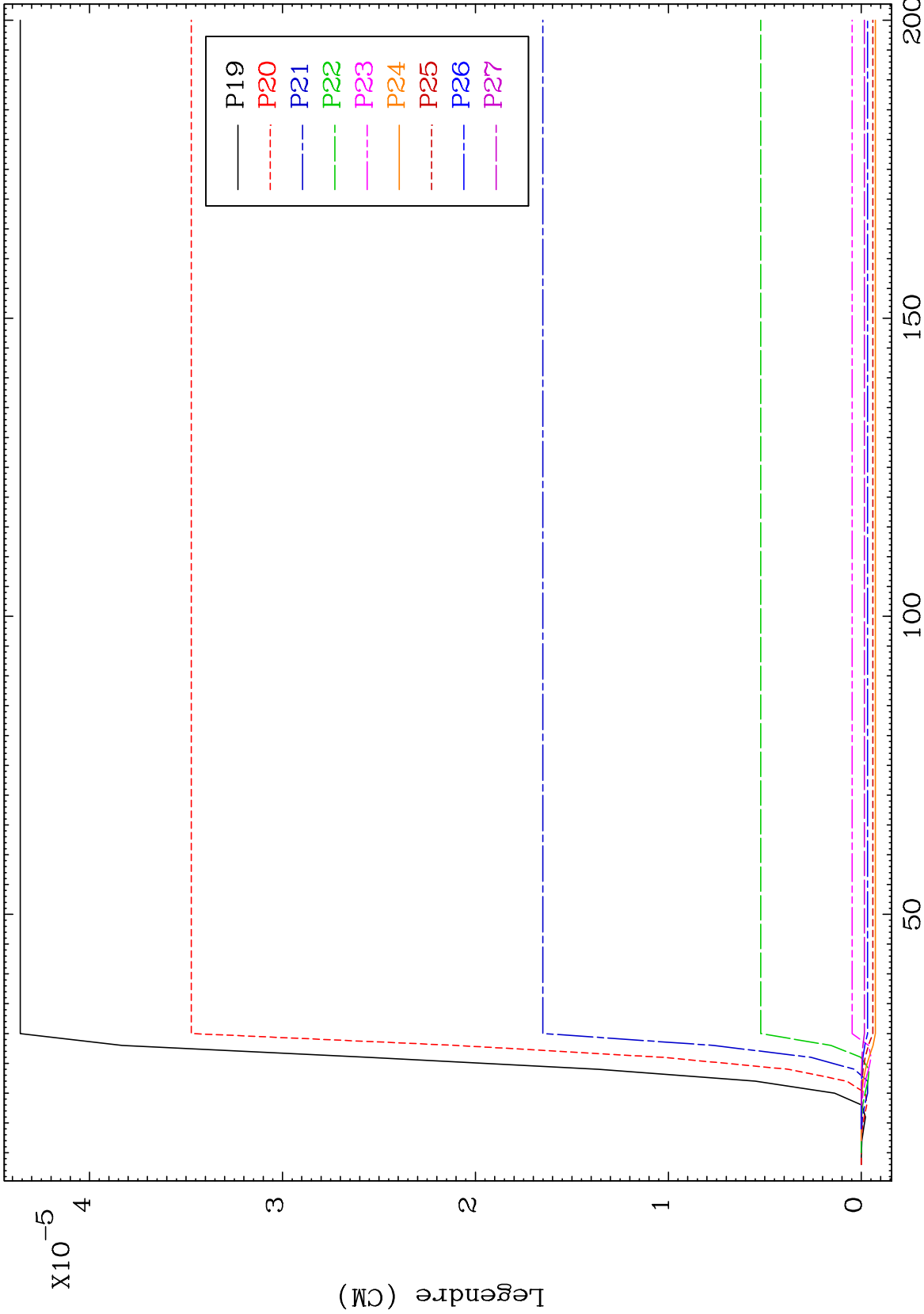
47-Ag-116



50

Incident Energy (MeV)

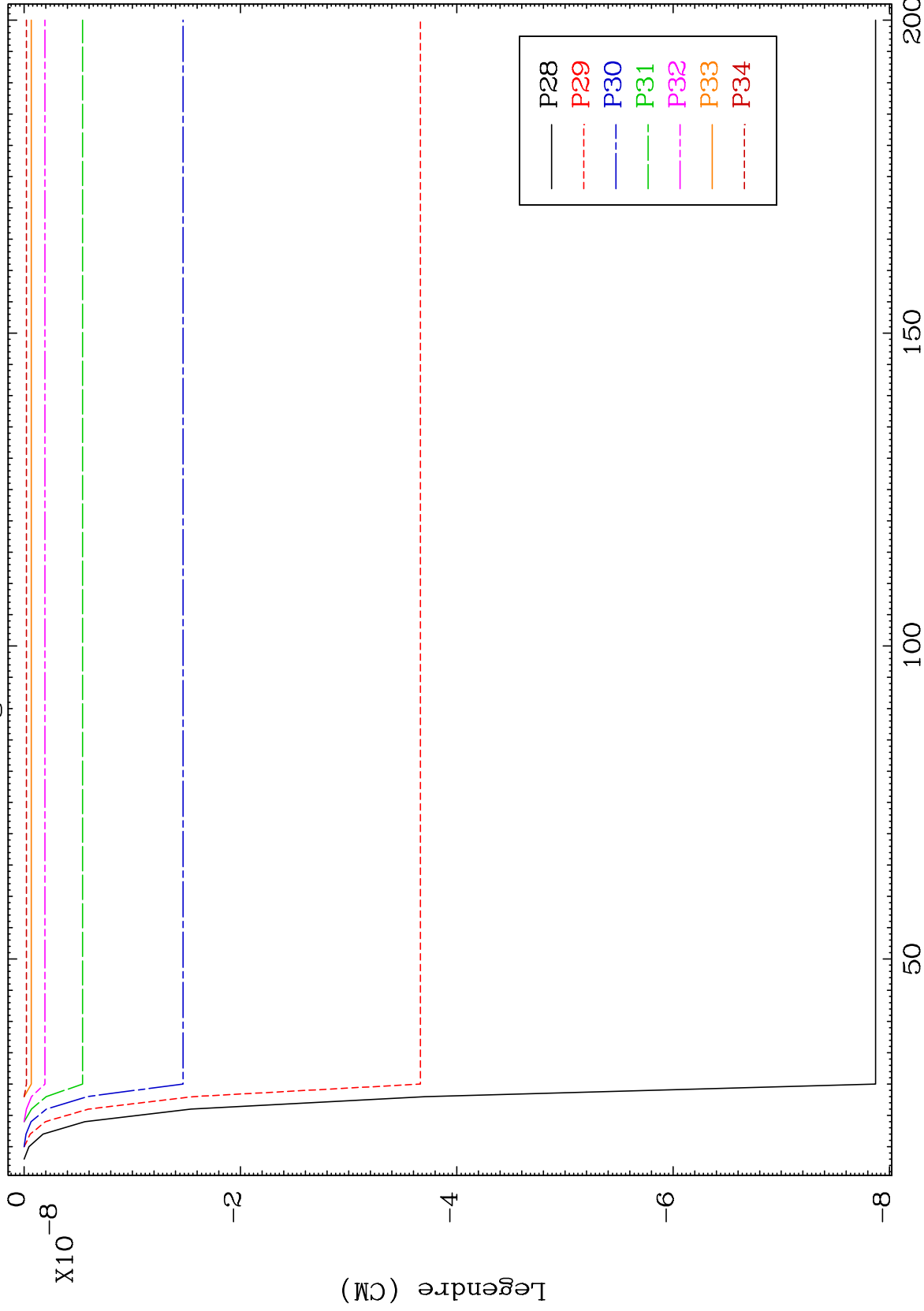
47-Ag-116



MAT 4752

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

47-Ag-116



52

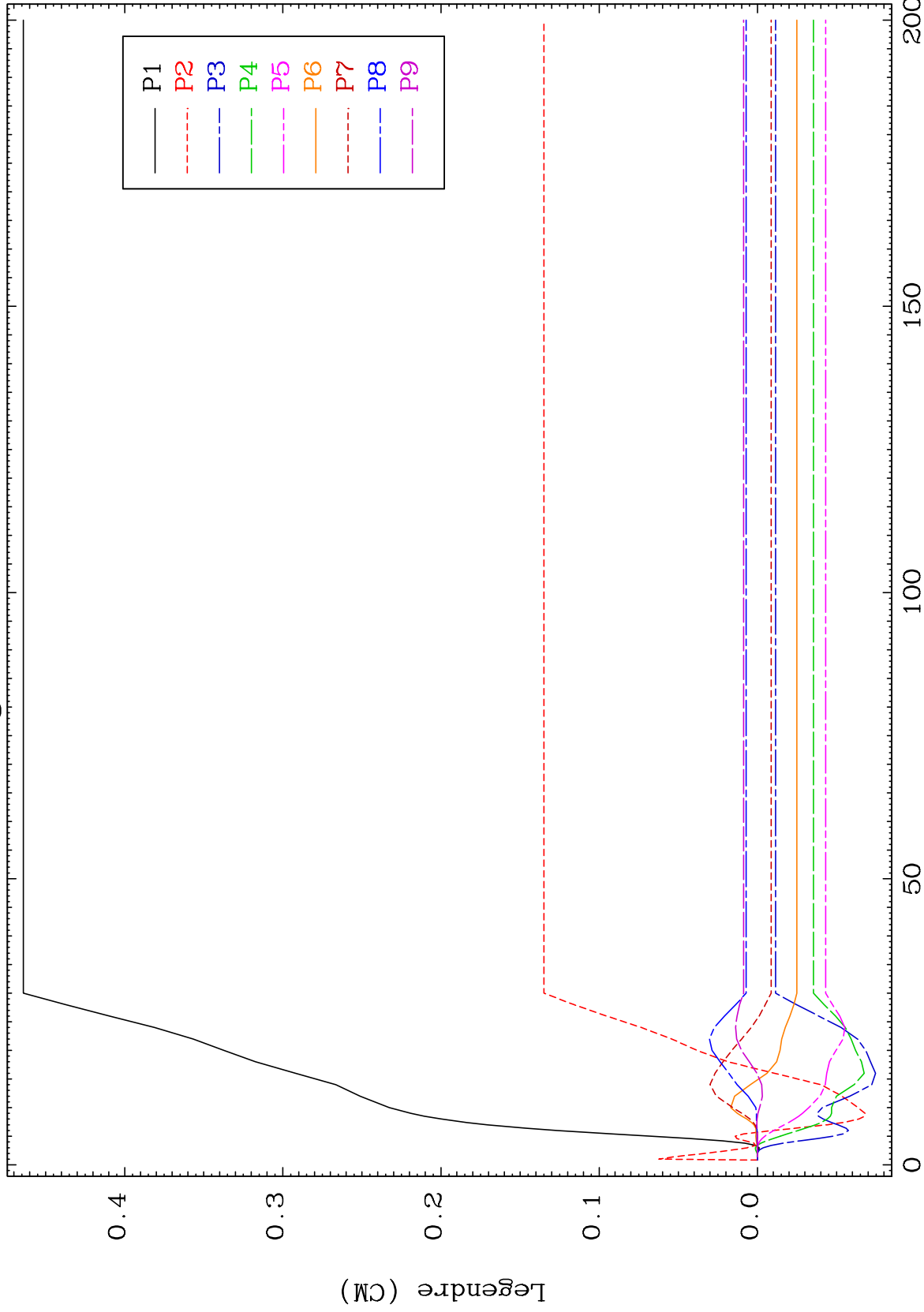
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



53

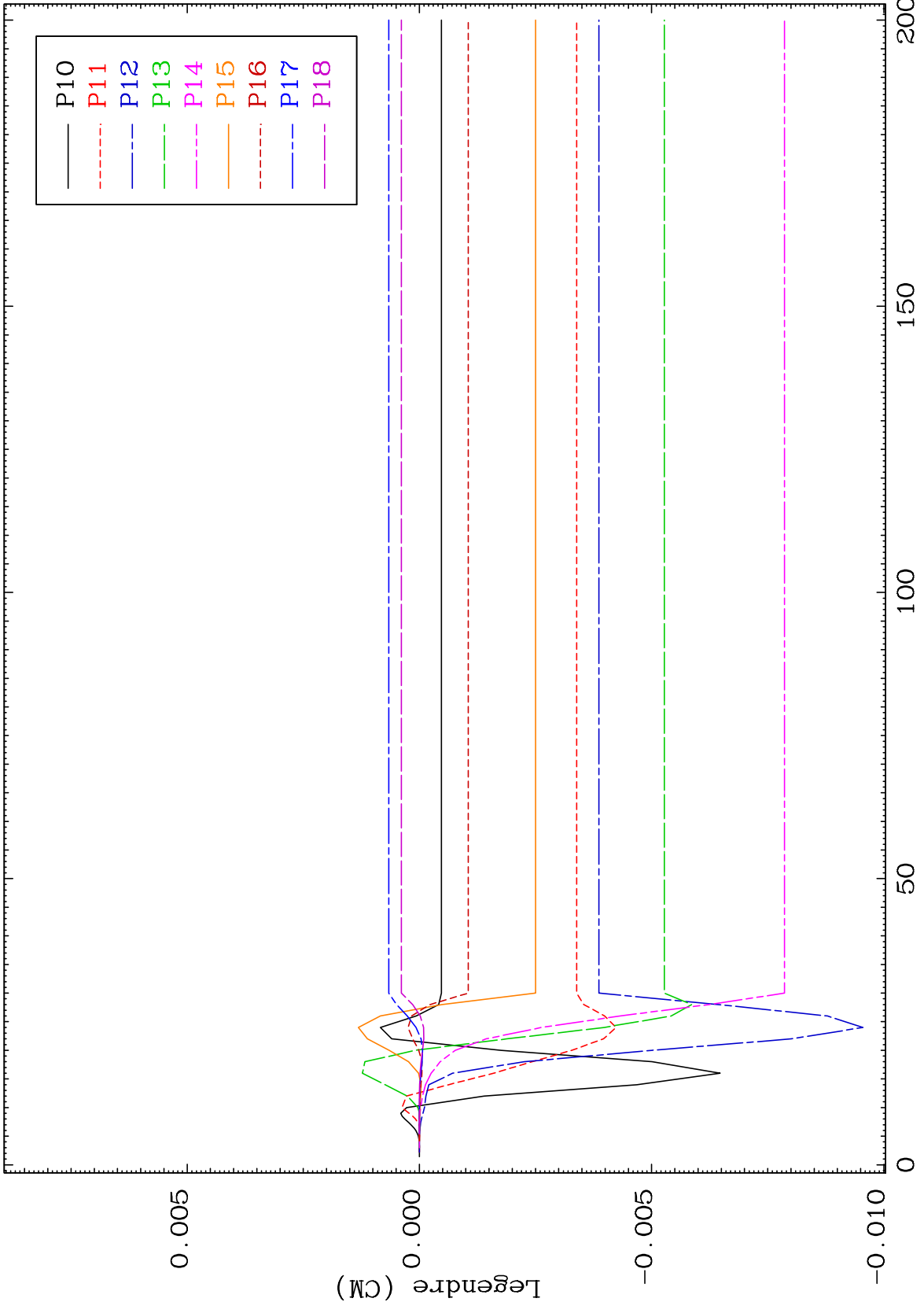
Incident Energy (MeV)

47-Ag-116

MAT 4752

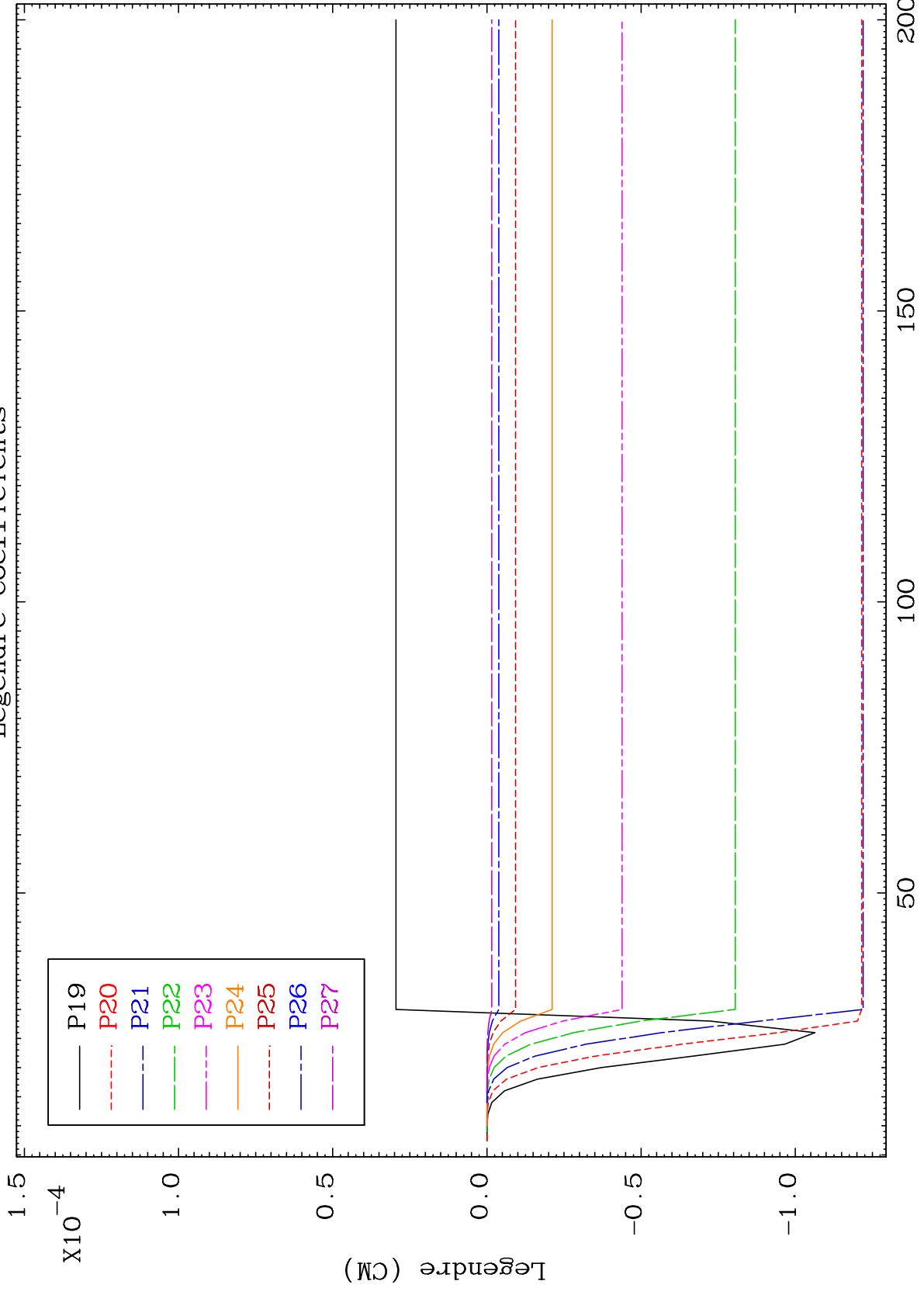
MT= 61 (n,n') Level
Legendre Coefficients

47-Ag-116



54

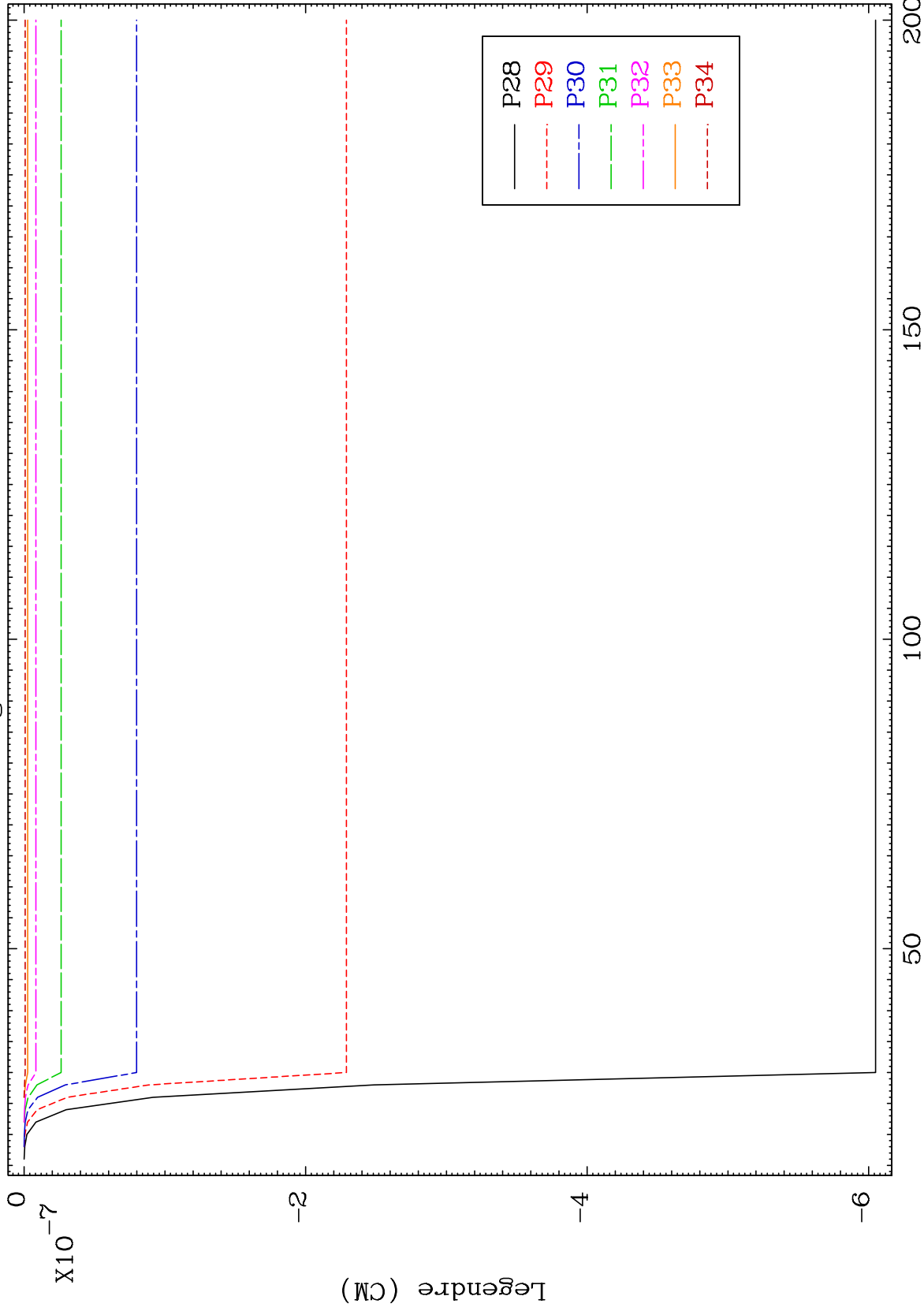
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MAT 4752

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

47-Ag-116



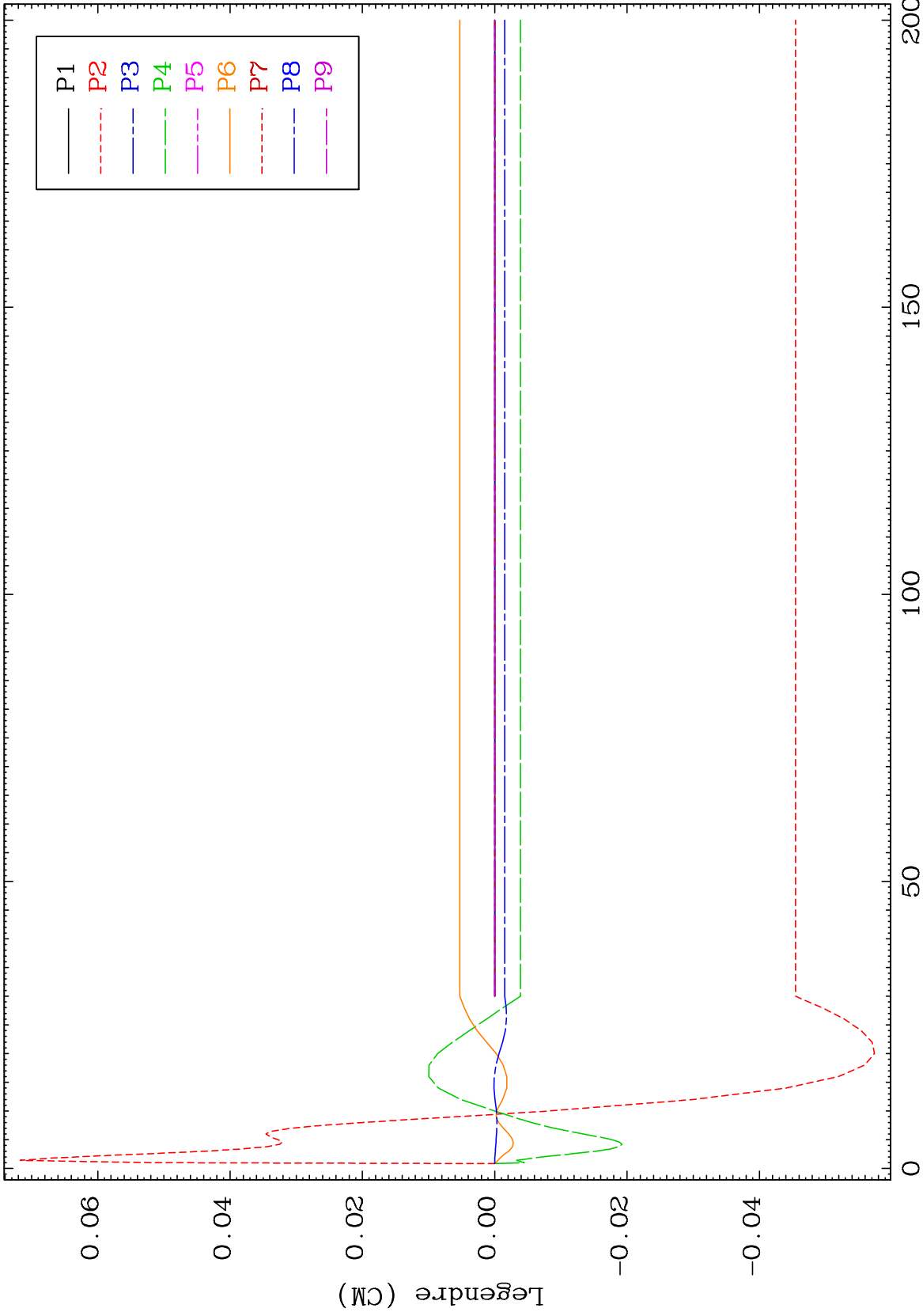
56

47-Ag-116

MAT 4752

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

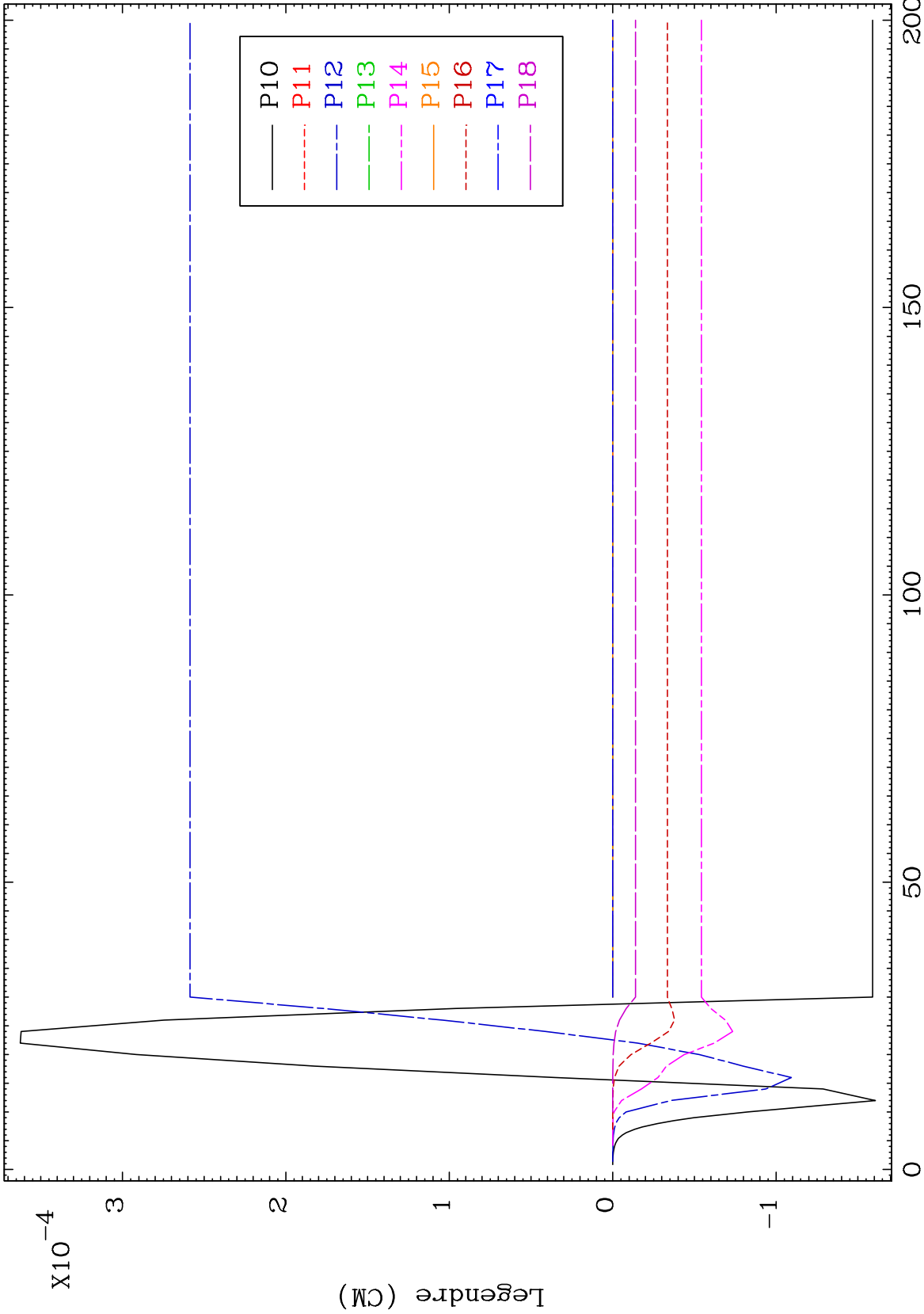
47-Ag-116



57

Incident Energy (MeV)

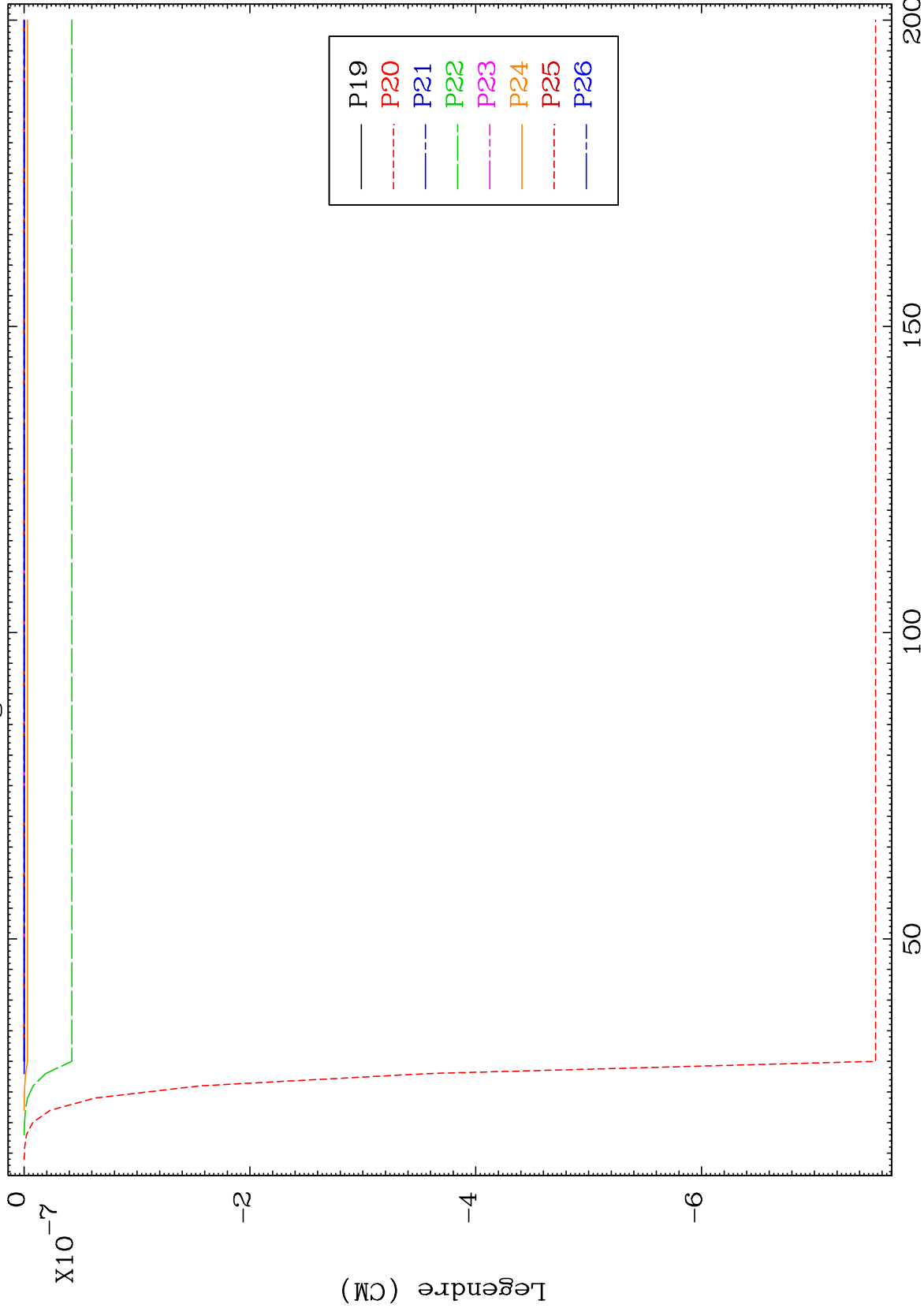
47-Ag-116



MAT 4752

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

47-Ag-116



59

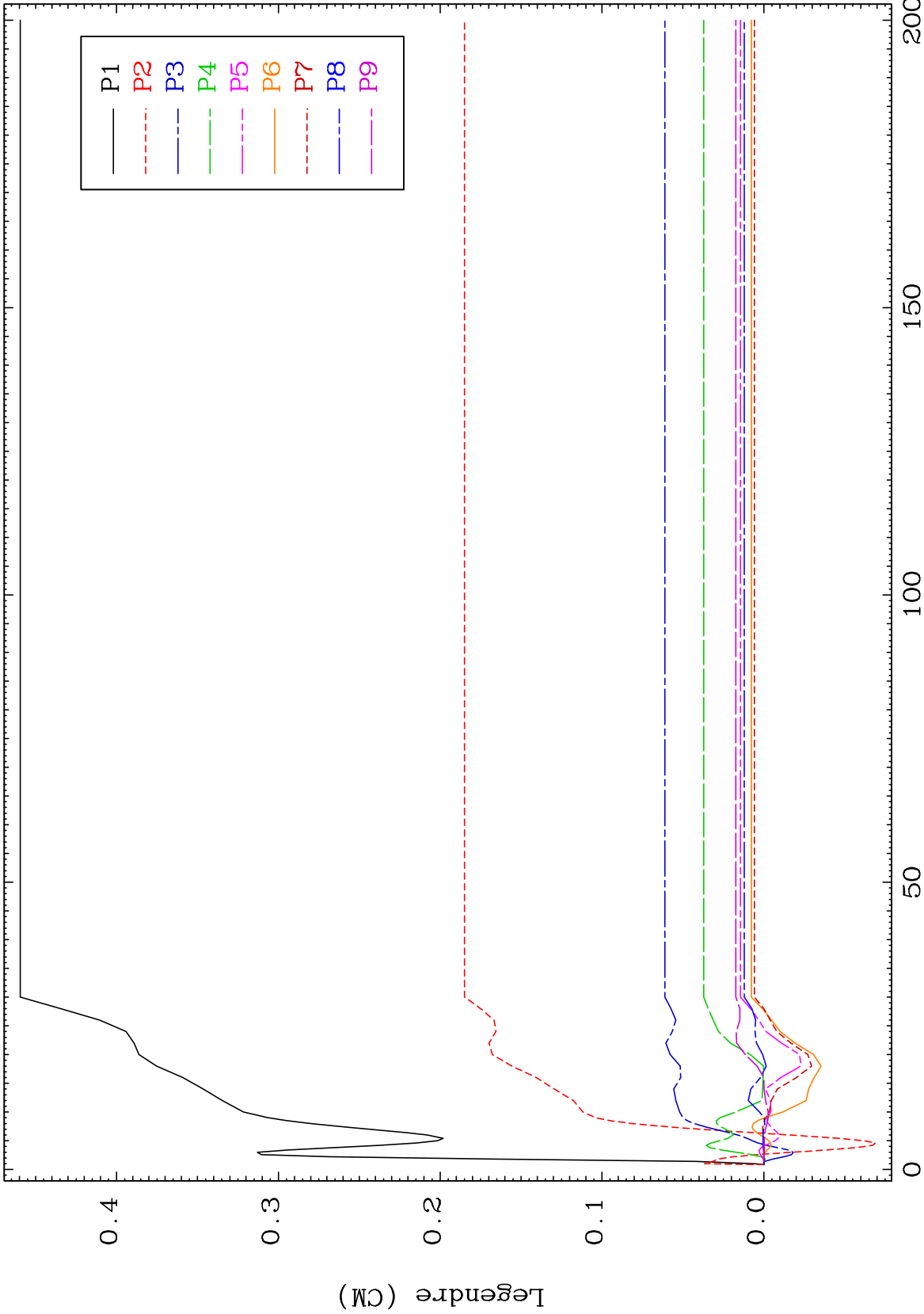
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



47-Ag-116

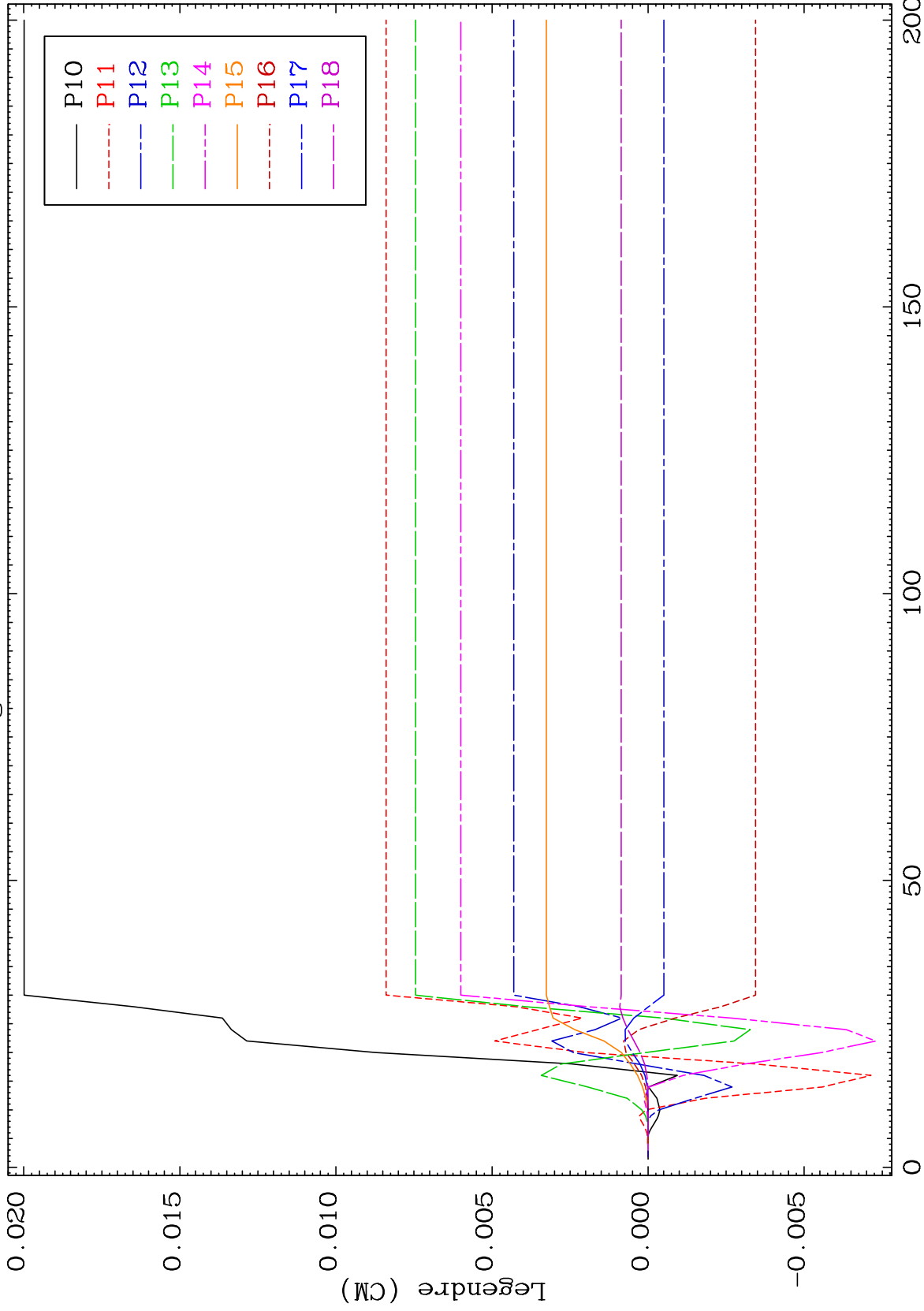
Incident Energy (MeV)

60

MAT 4752

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

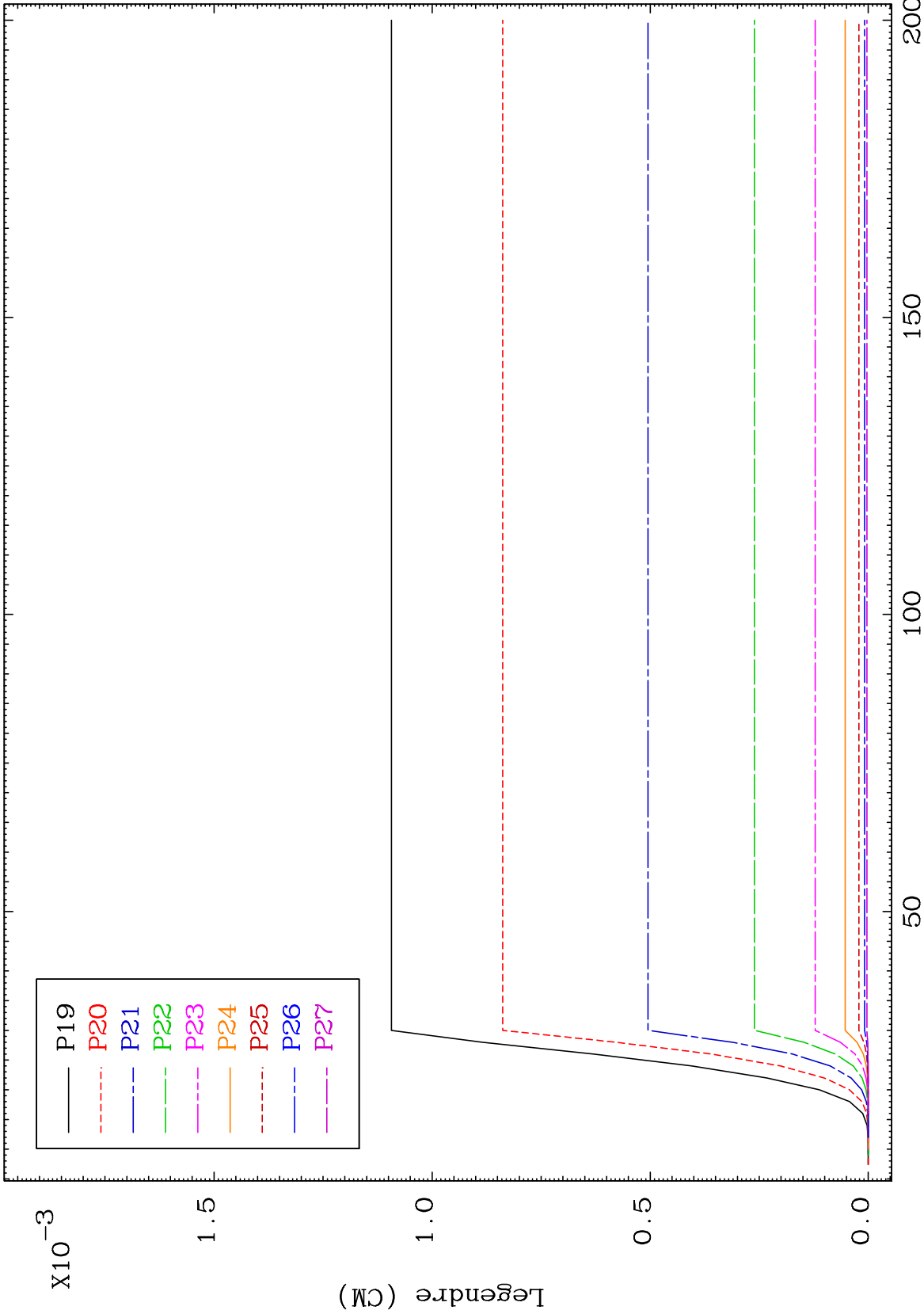
47-Ag-116



61

Incident Energy (MeV)

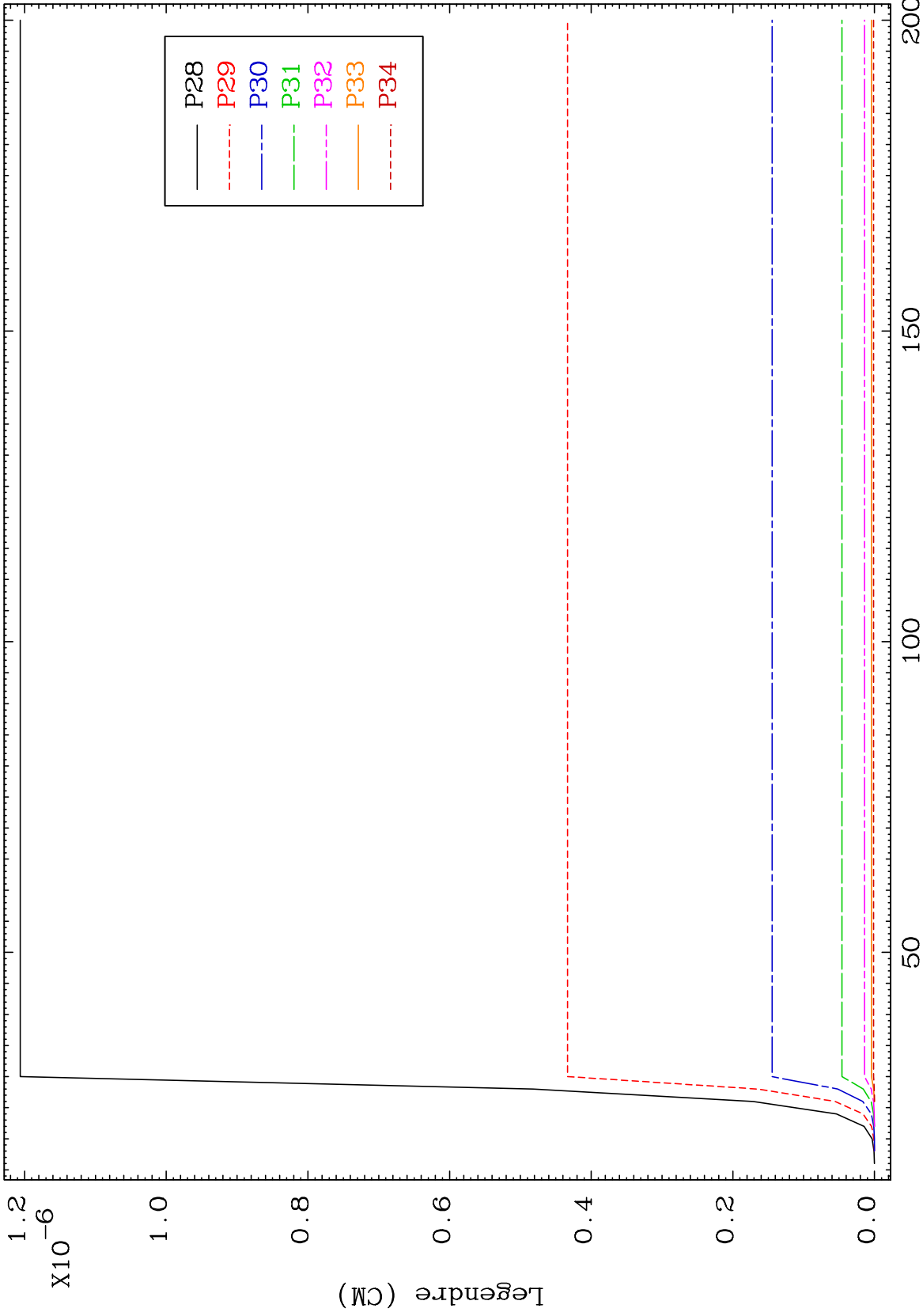
47-Ag-116



MAT 4752

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

47-Ag-116



63

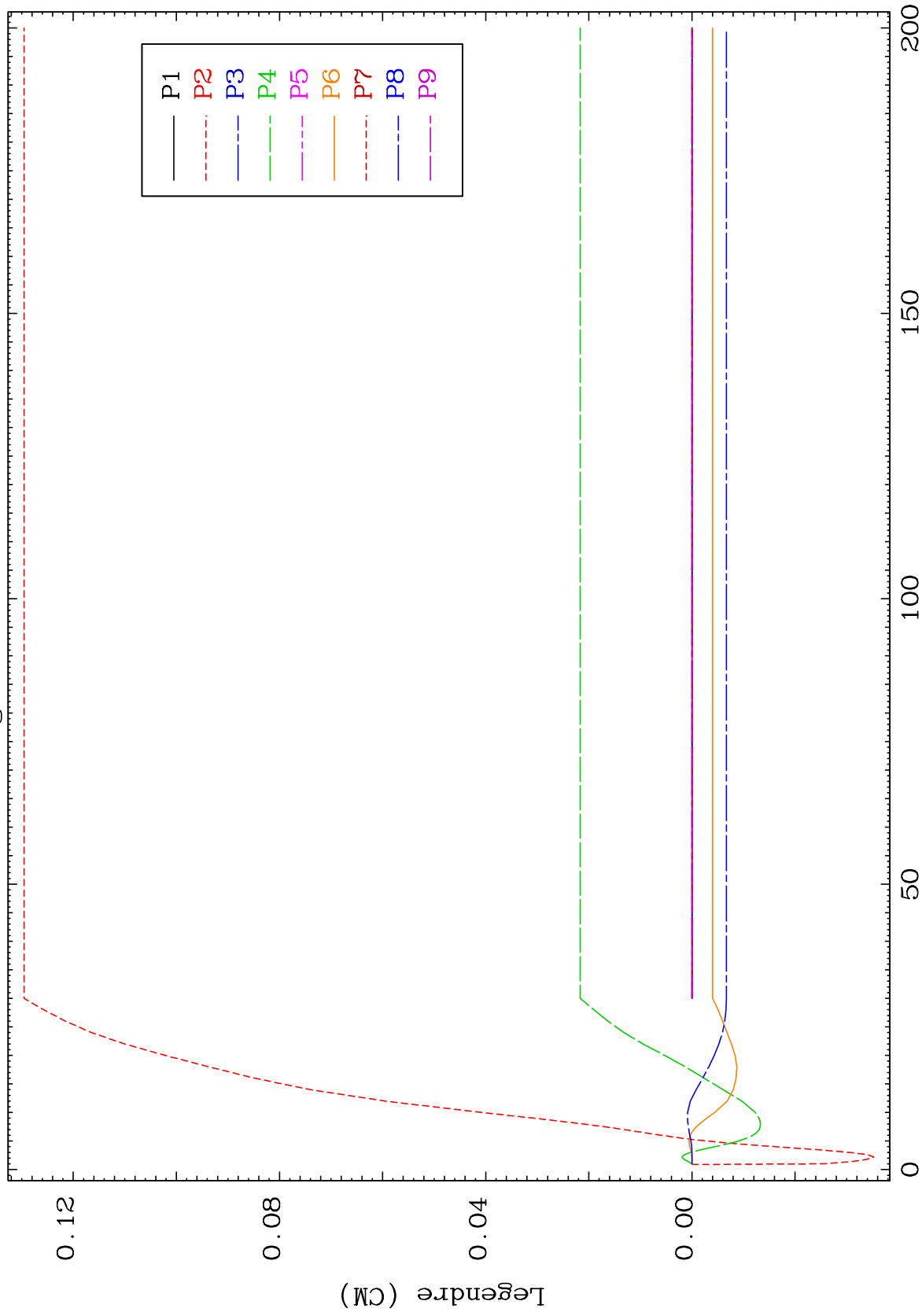
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



64

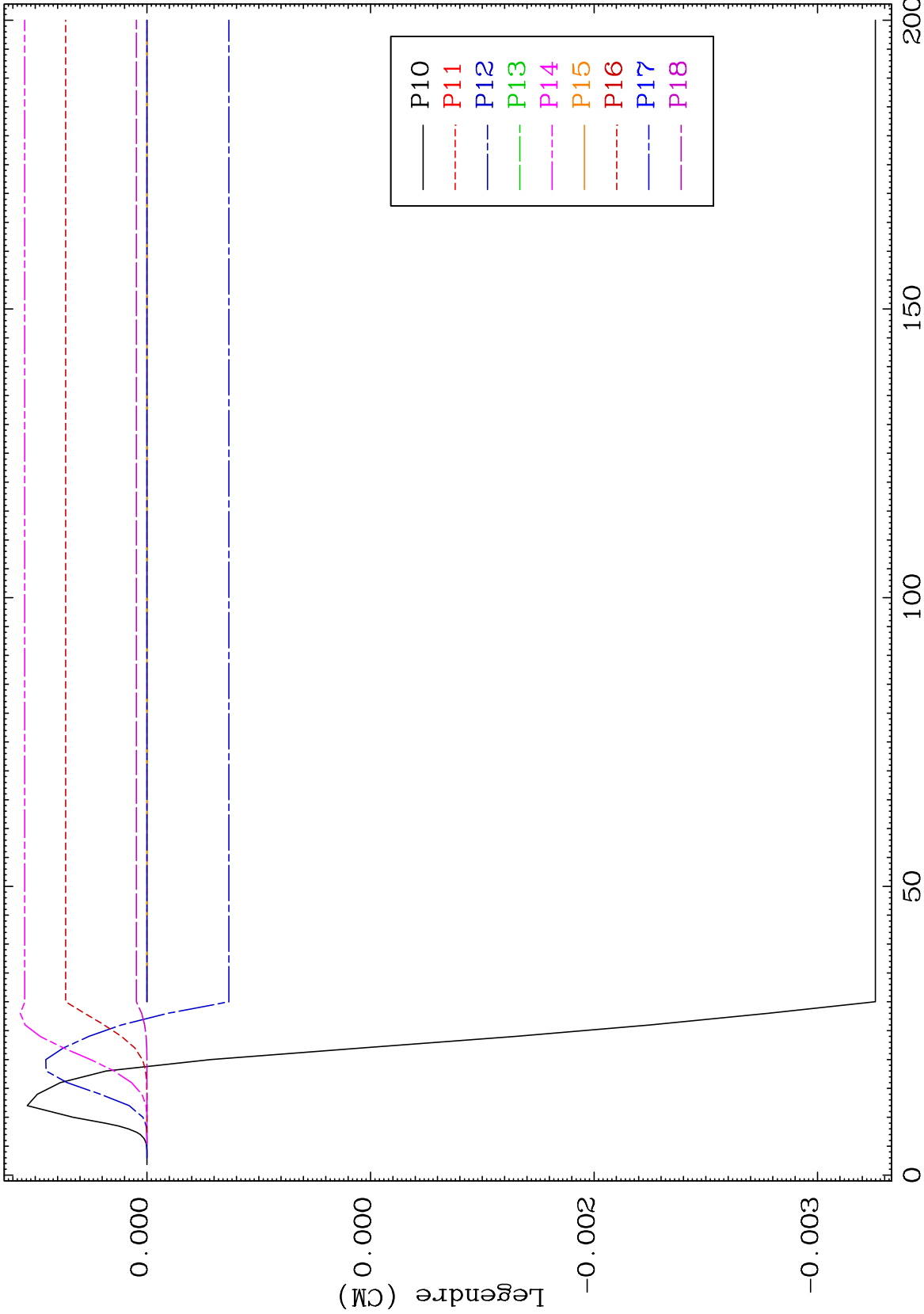
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



65

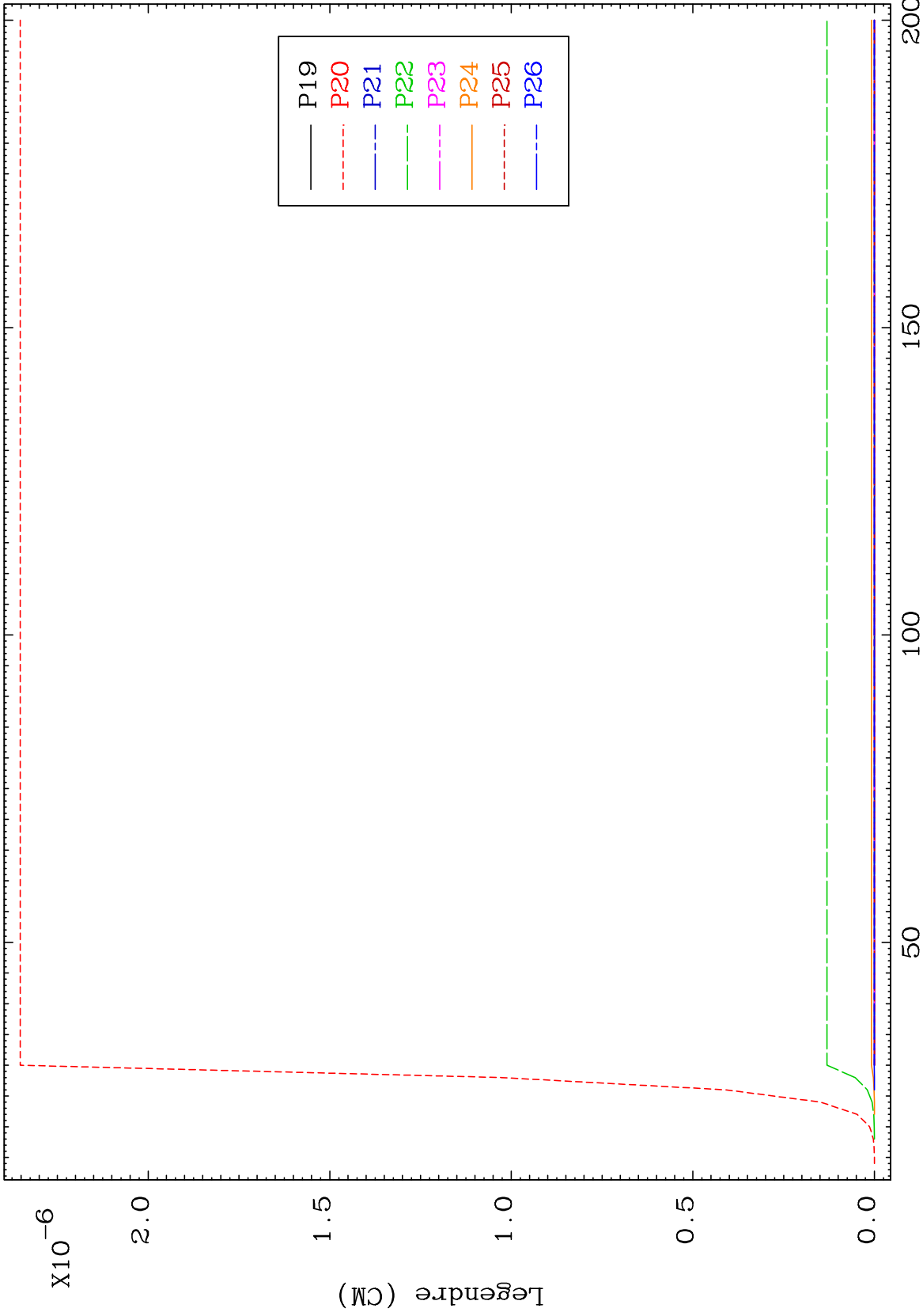
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



66

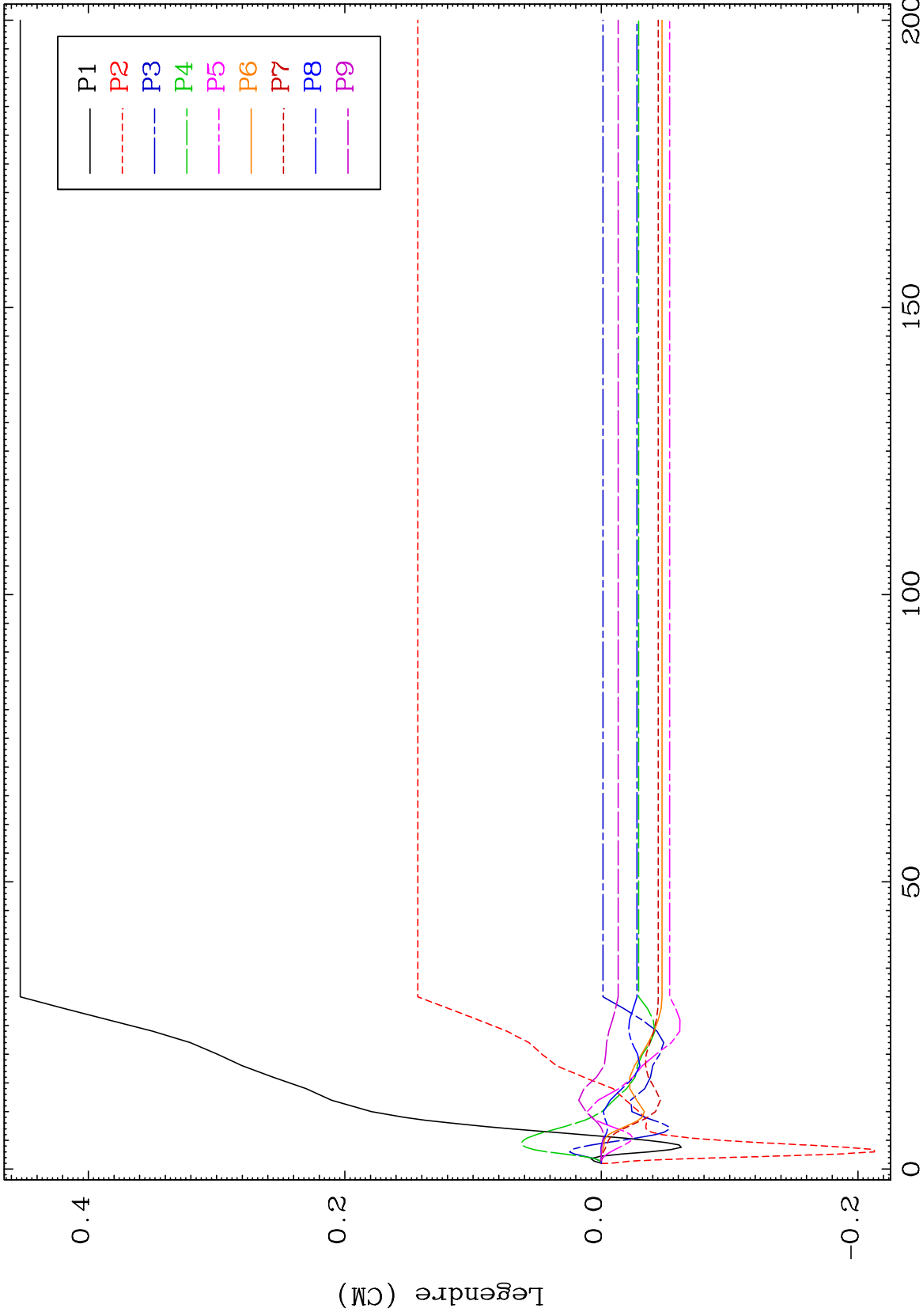
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



67

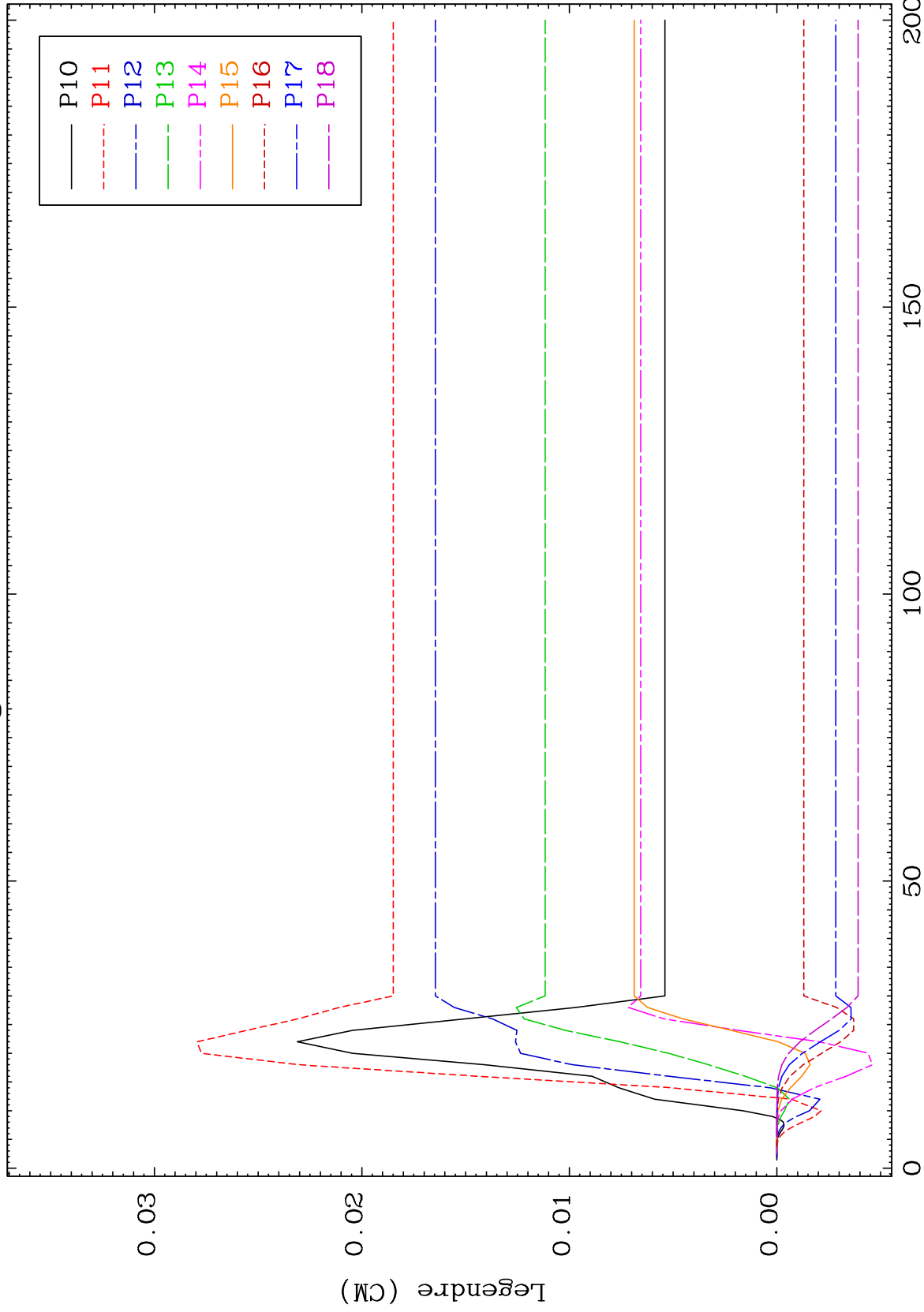
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



68

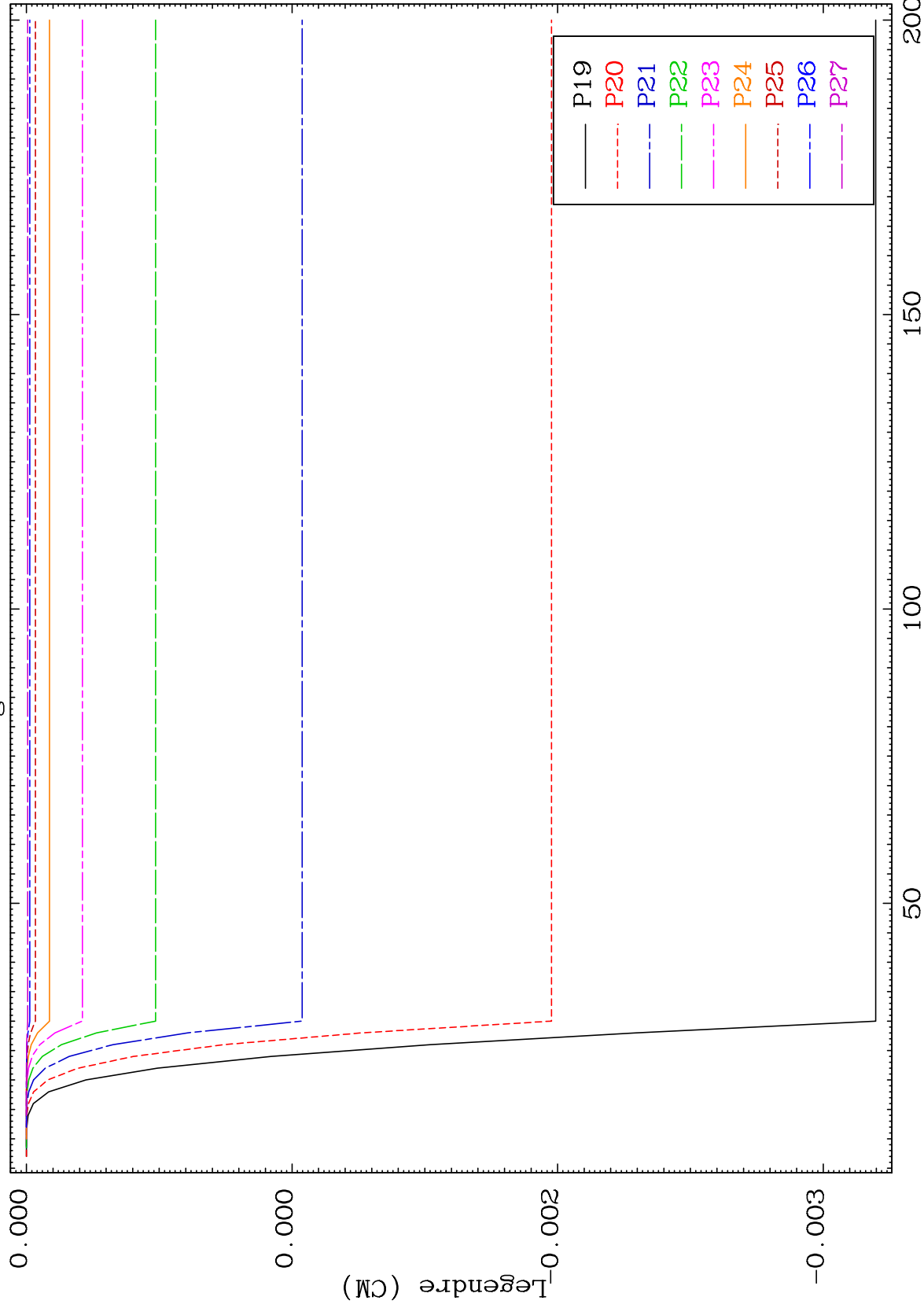
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



69

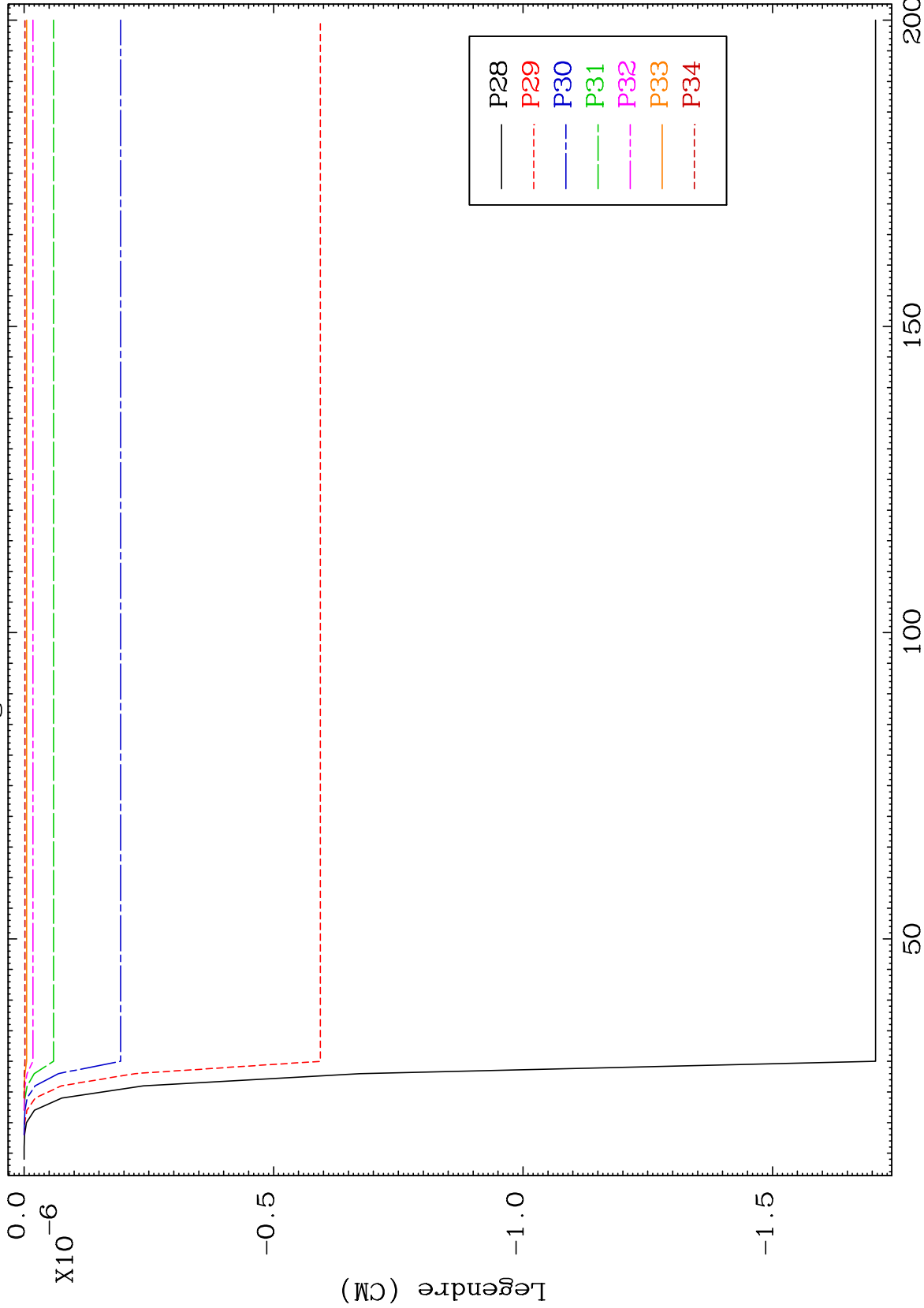
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

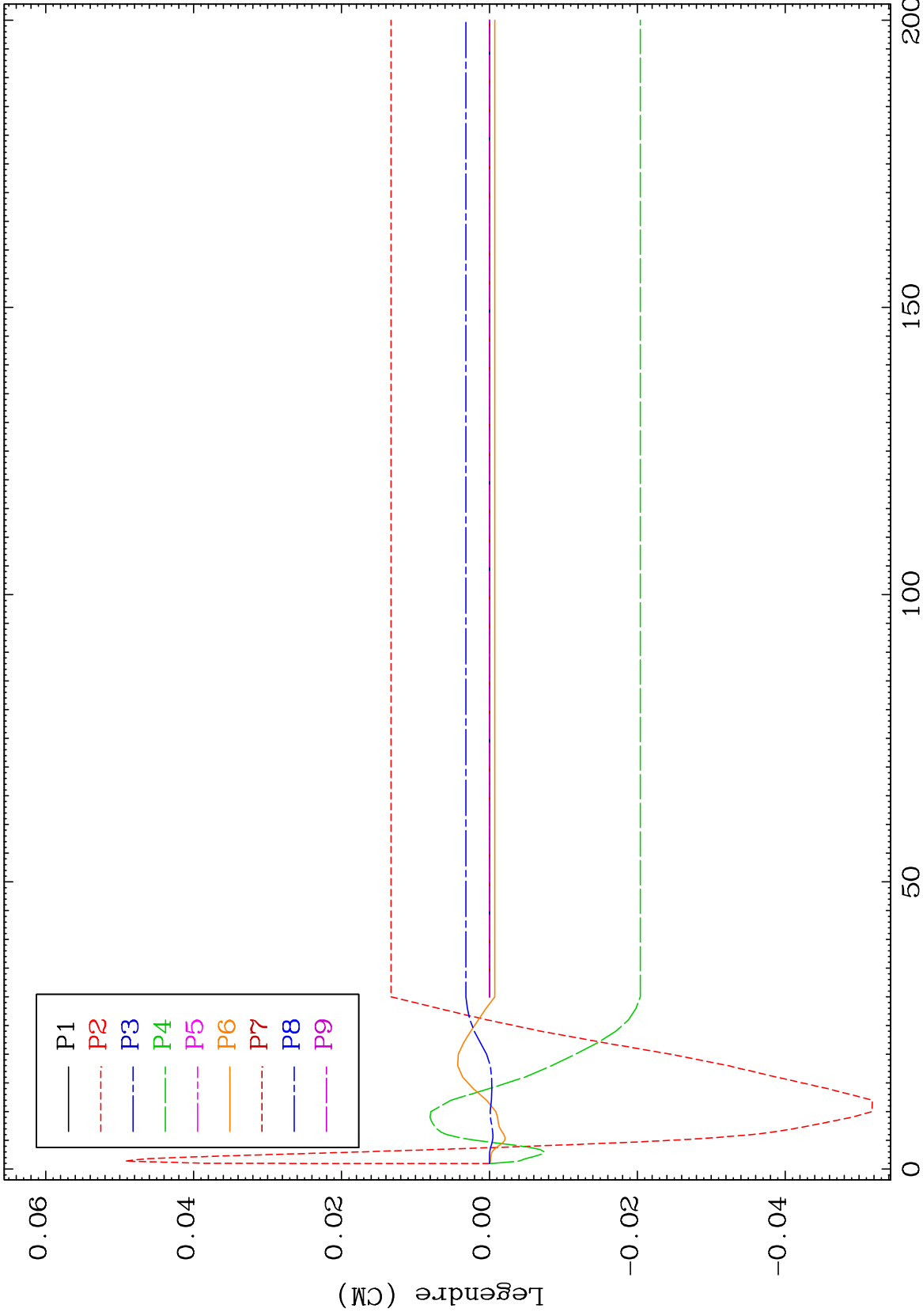
47-Ag-116



70

Incident Energy (MeV)

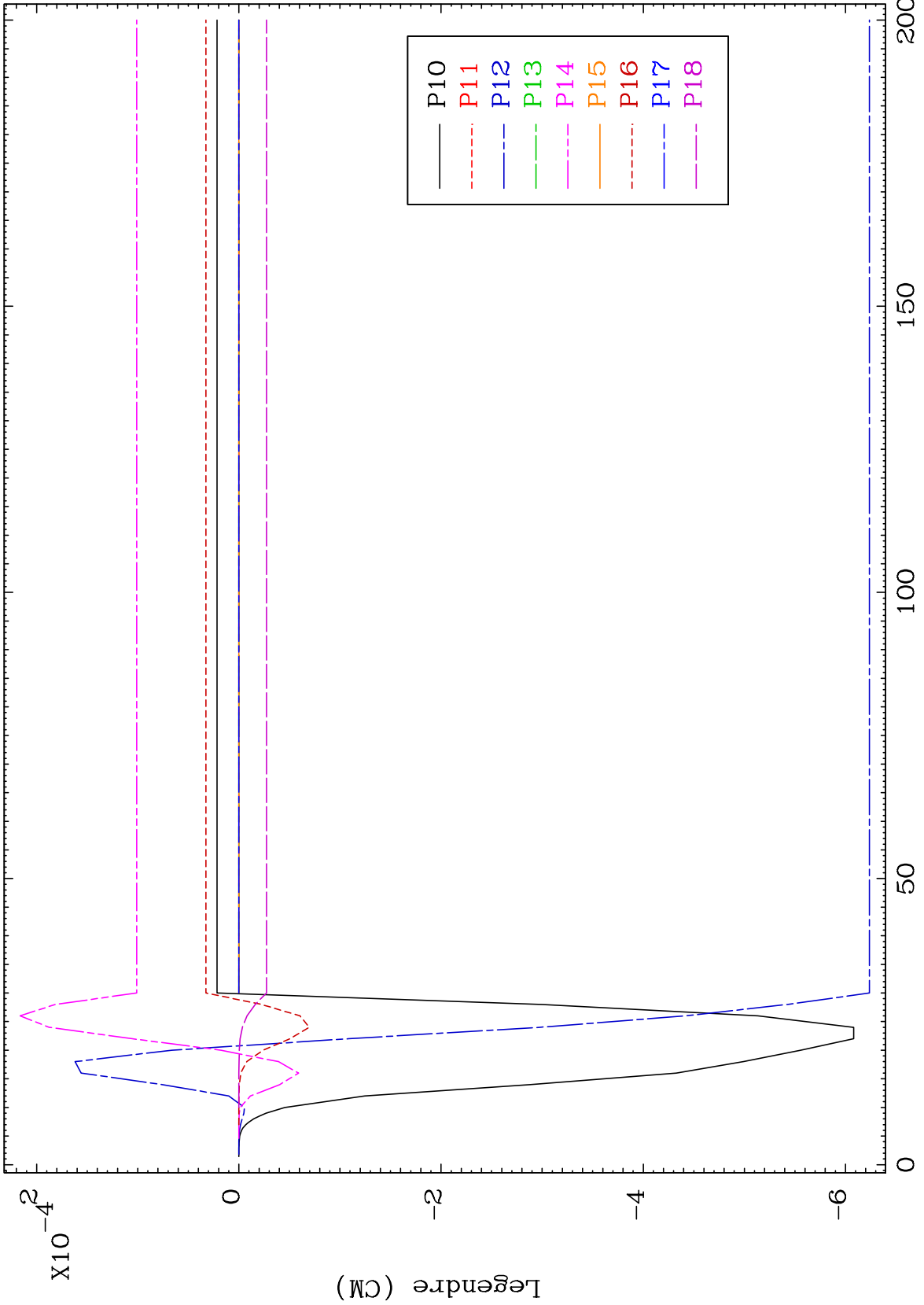
47-Ag-116



MAT 4752

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

47-Ag-116



72

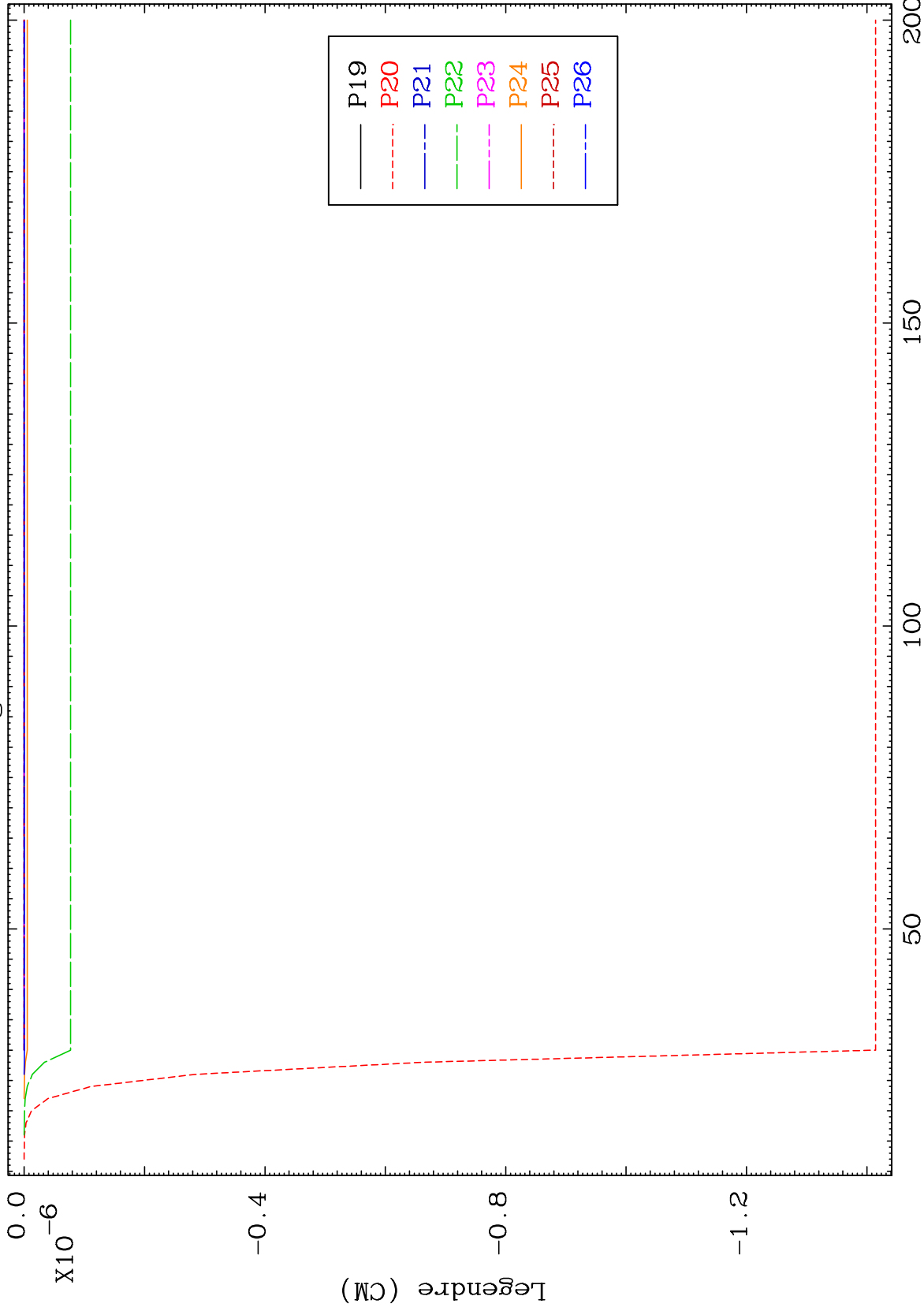
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



73

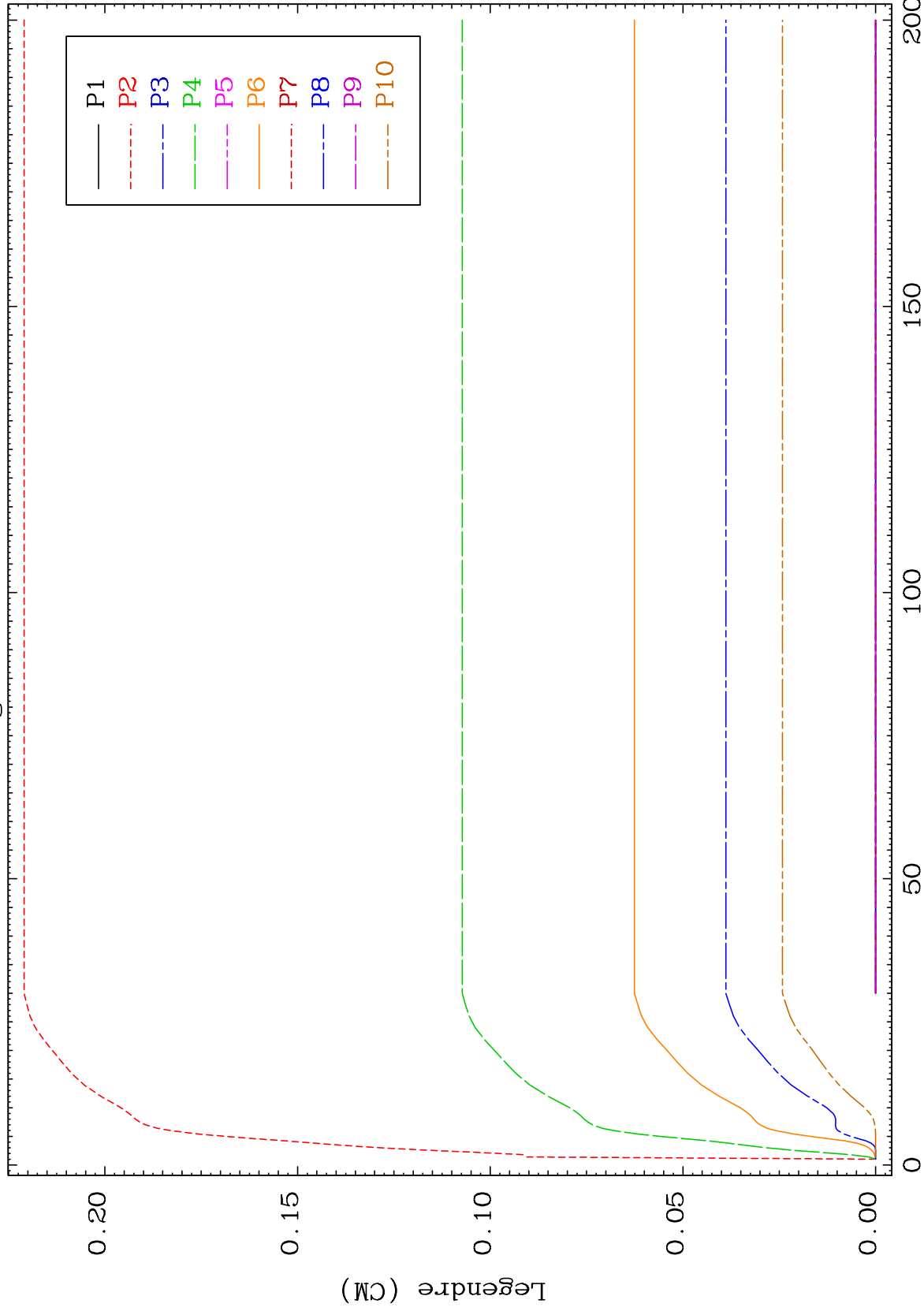
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



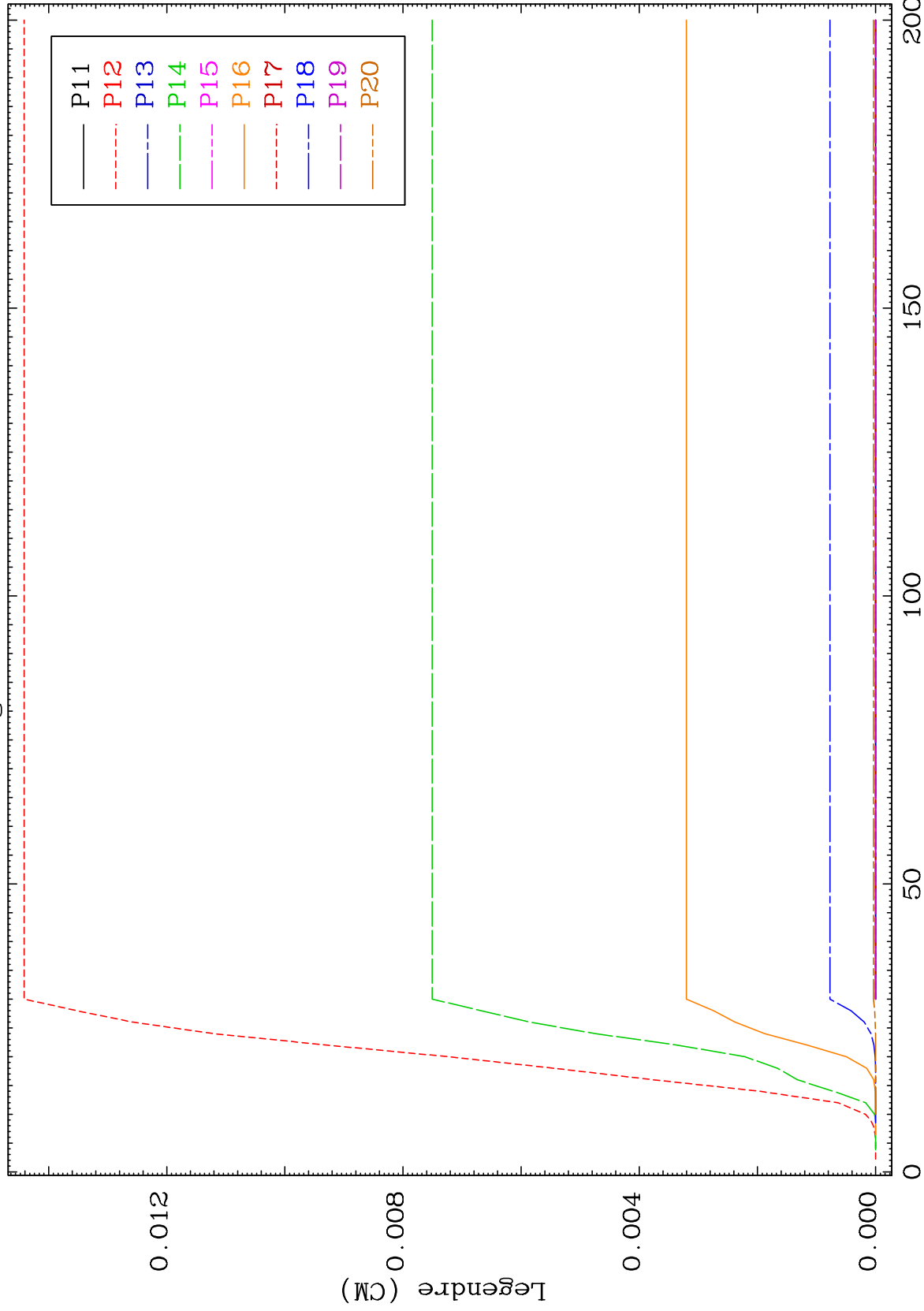
74

47-Ag-116

MAT 4752

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

47-Ag-116



75

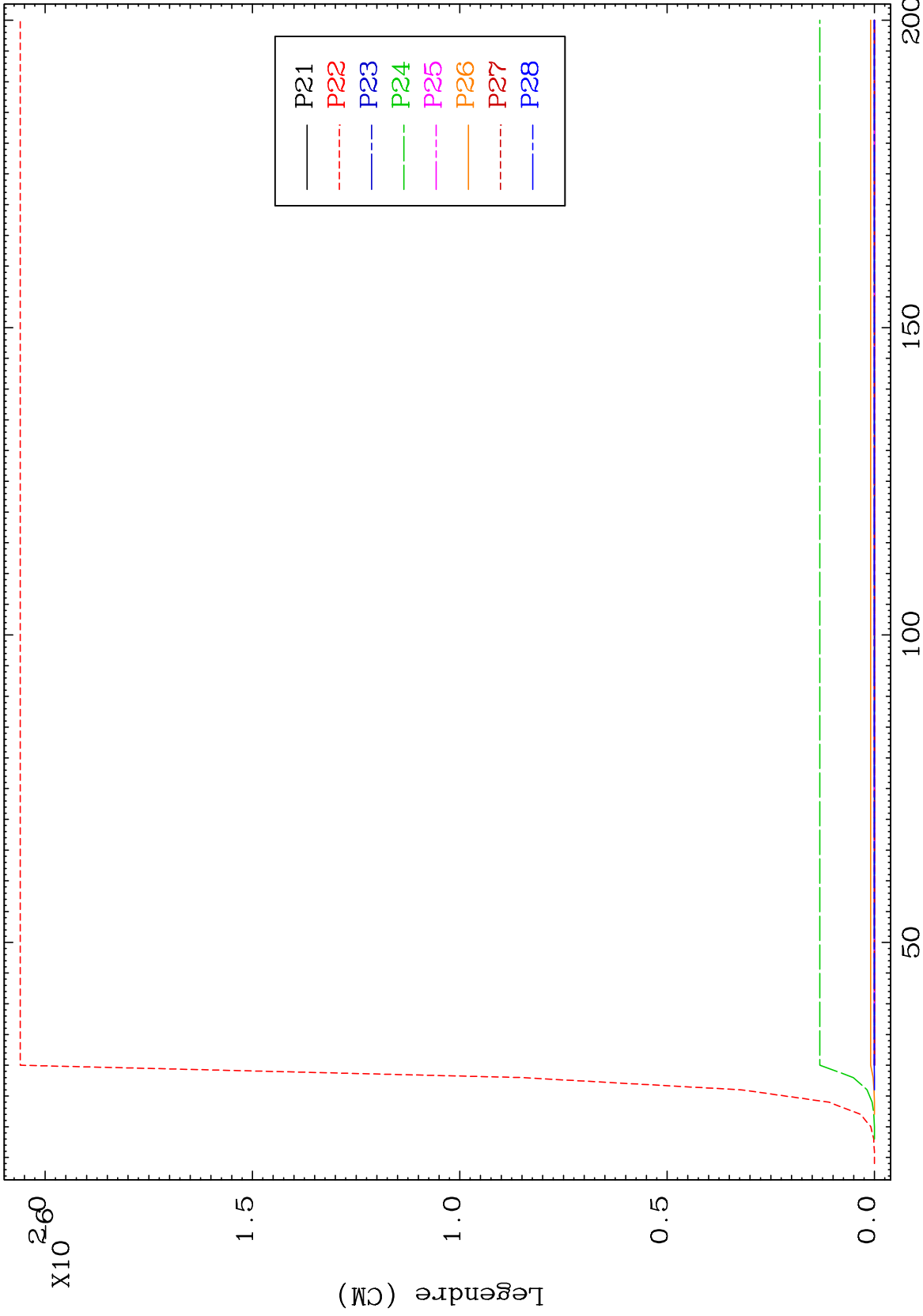
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



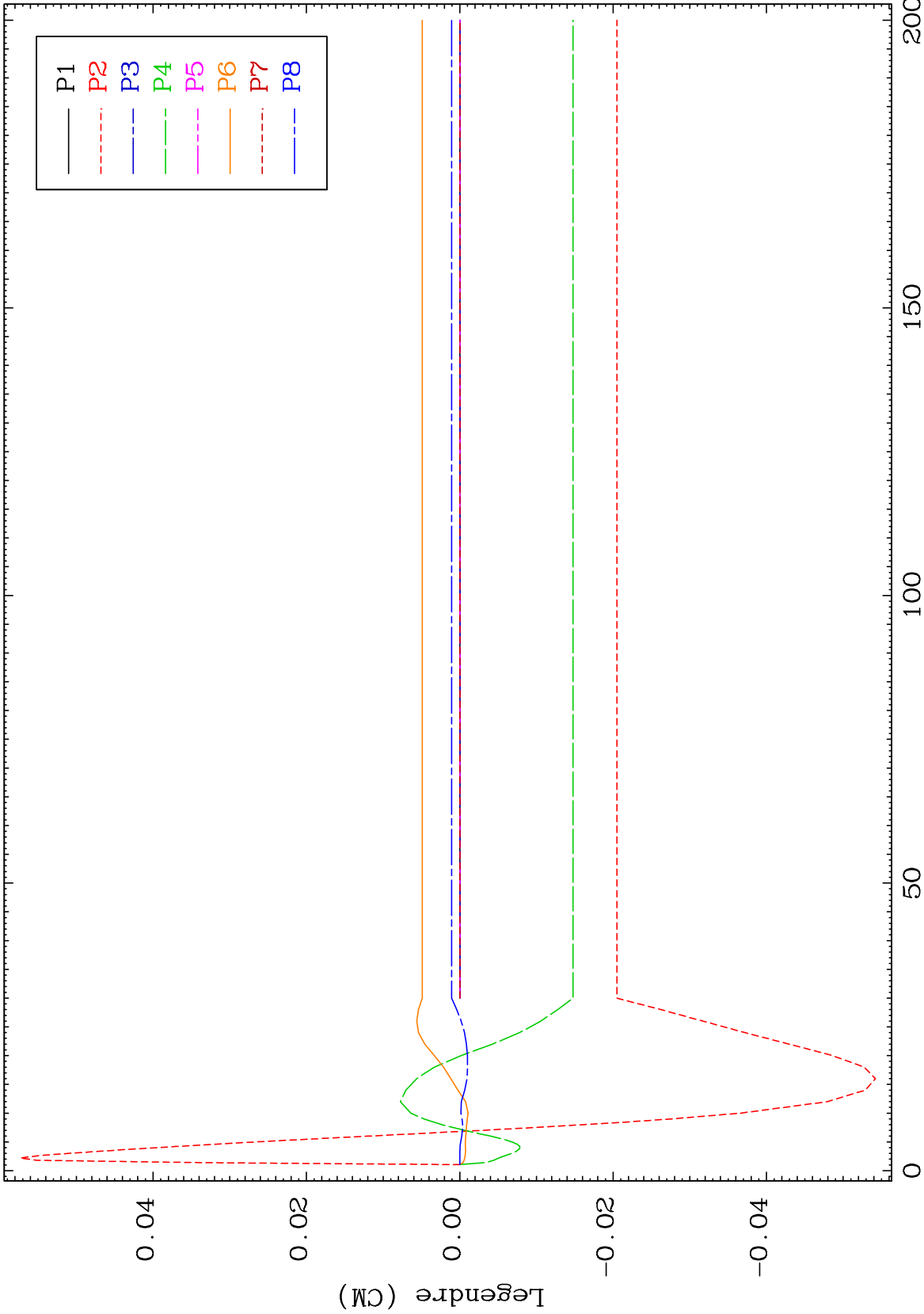
76

47-Ag-116

MAT 4752

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

47-Ag-116



77

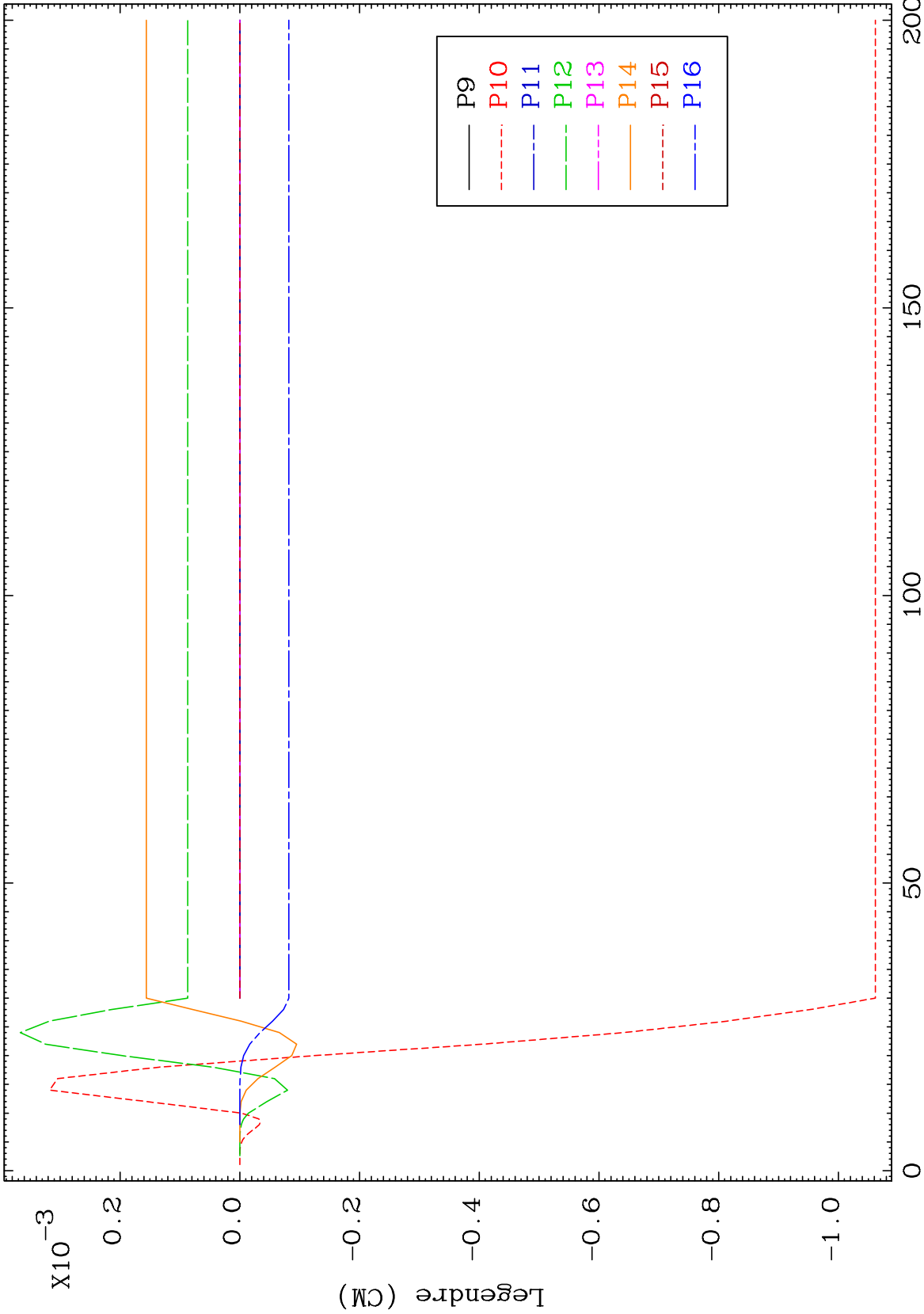
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

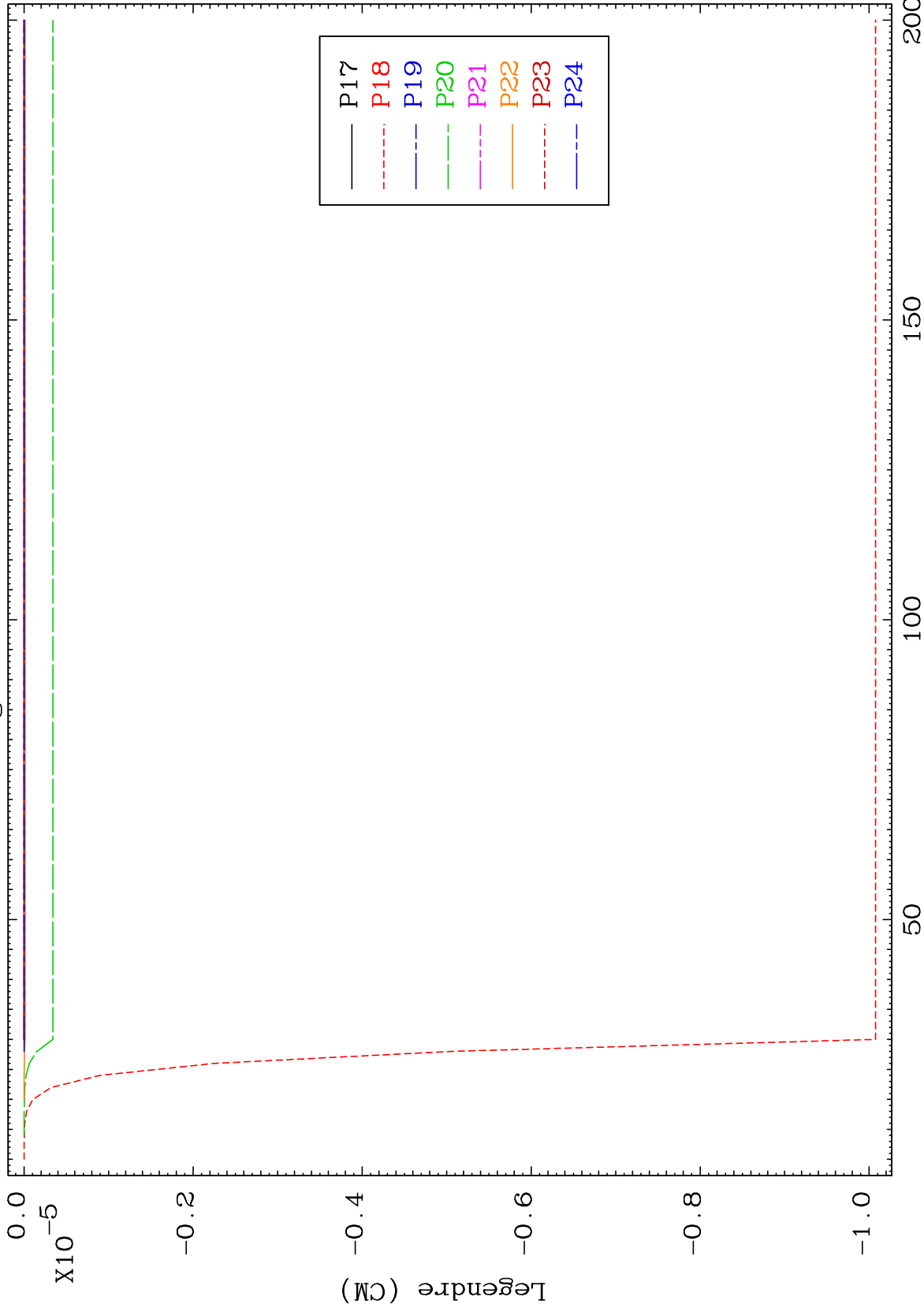
47-Ag-116



78

Incident Energy (MeV)

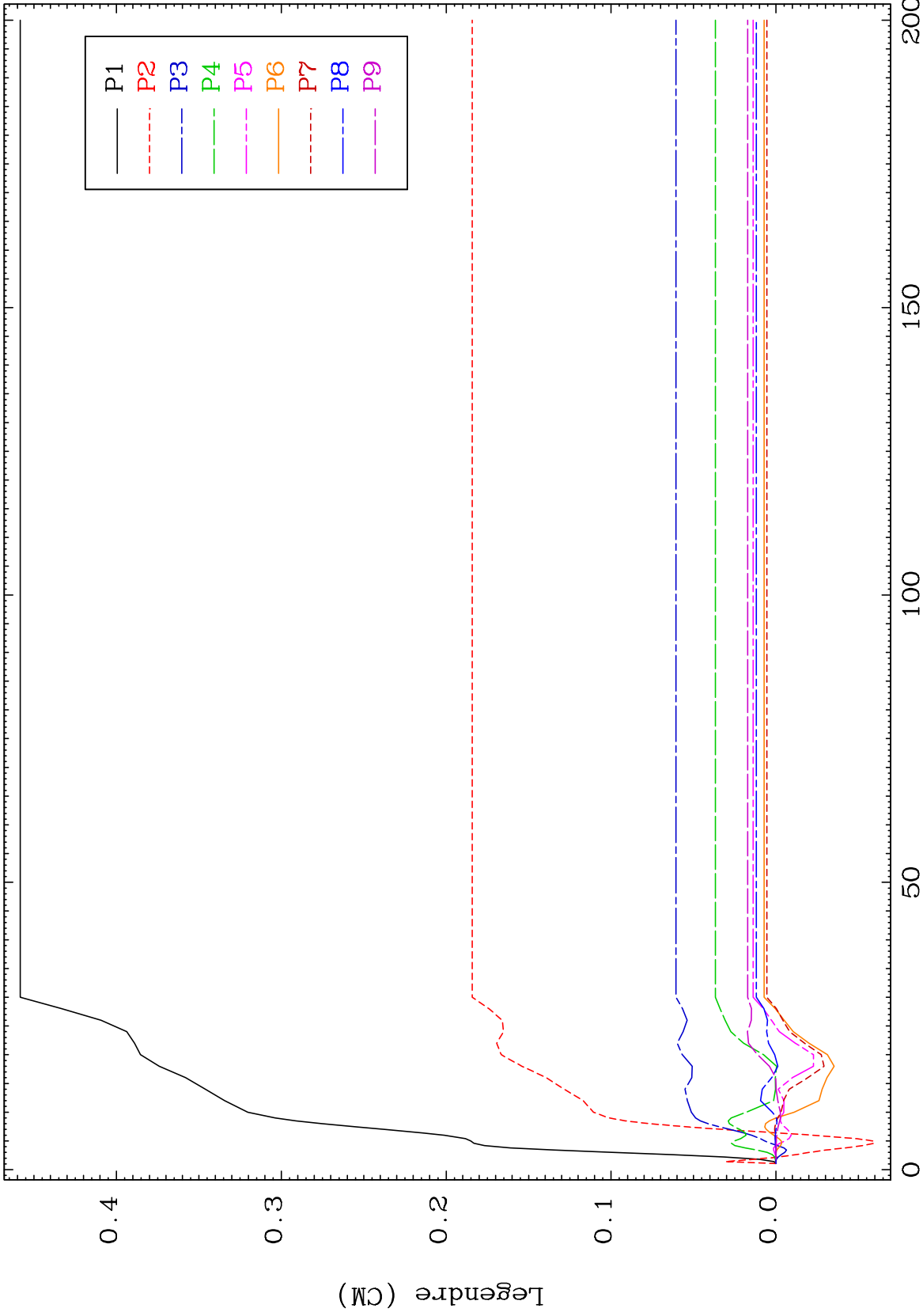
47-Ag-116



MAT 4752

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

47-Ag-116



80

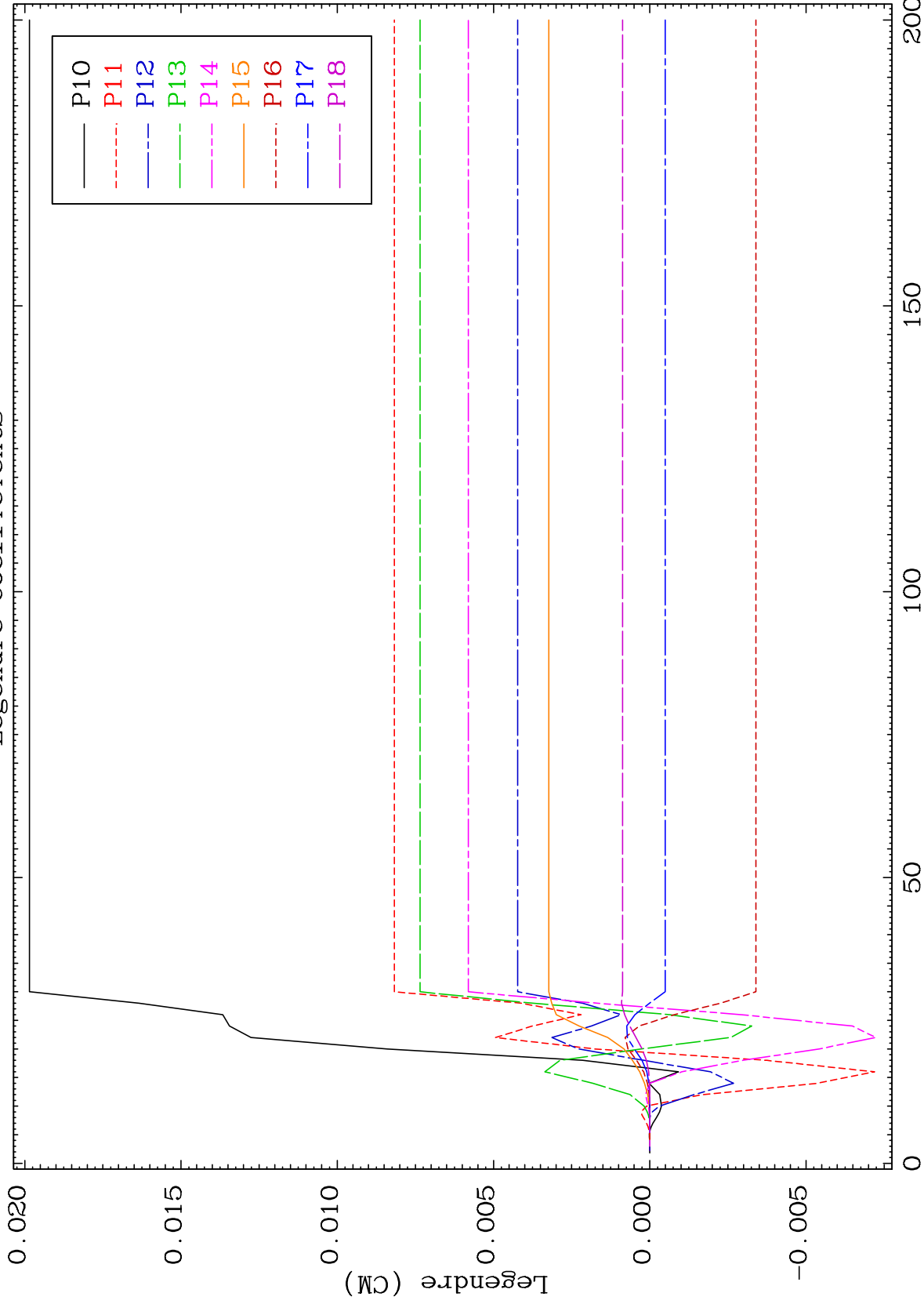
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

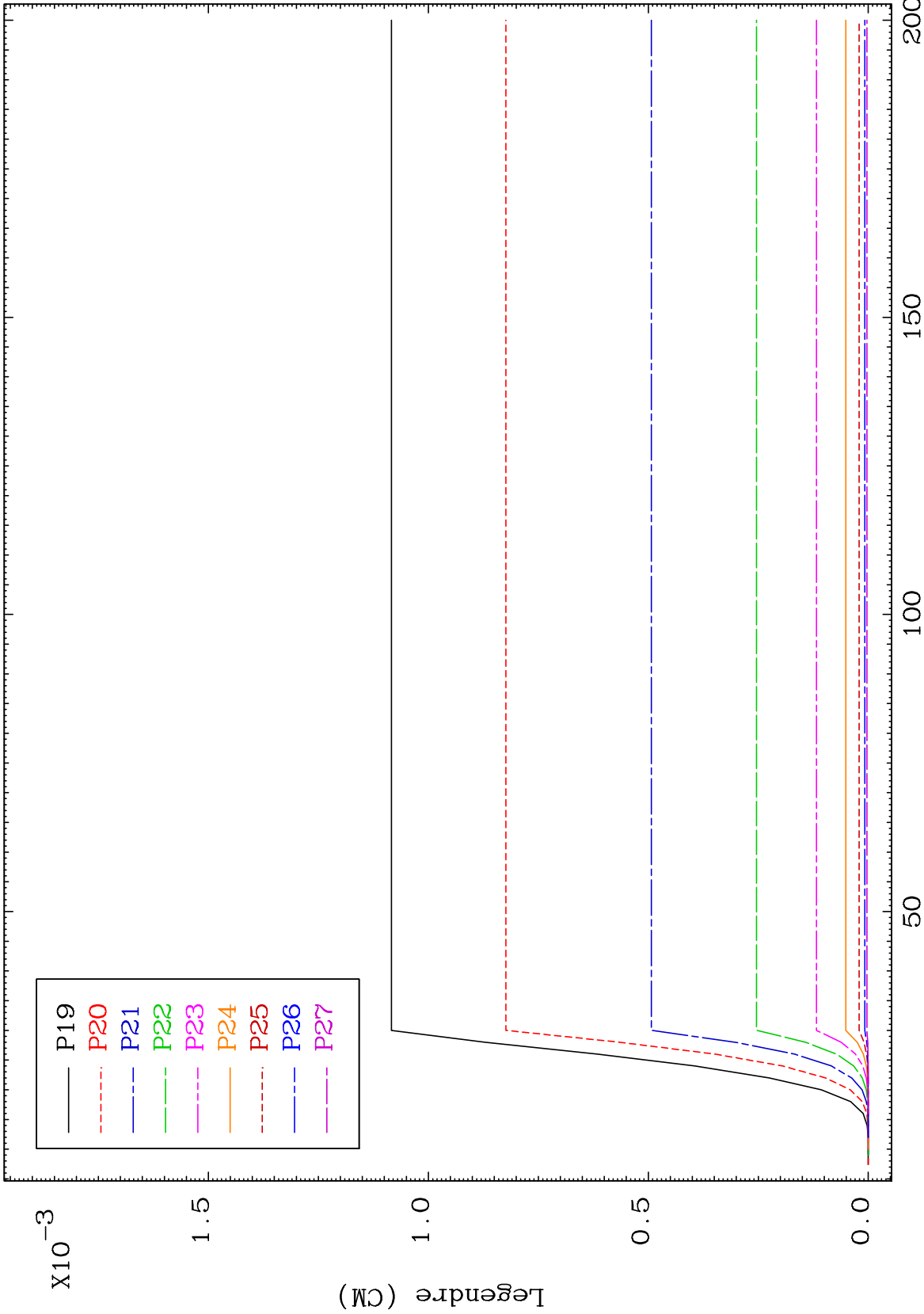
47-Ag-116

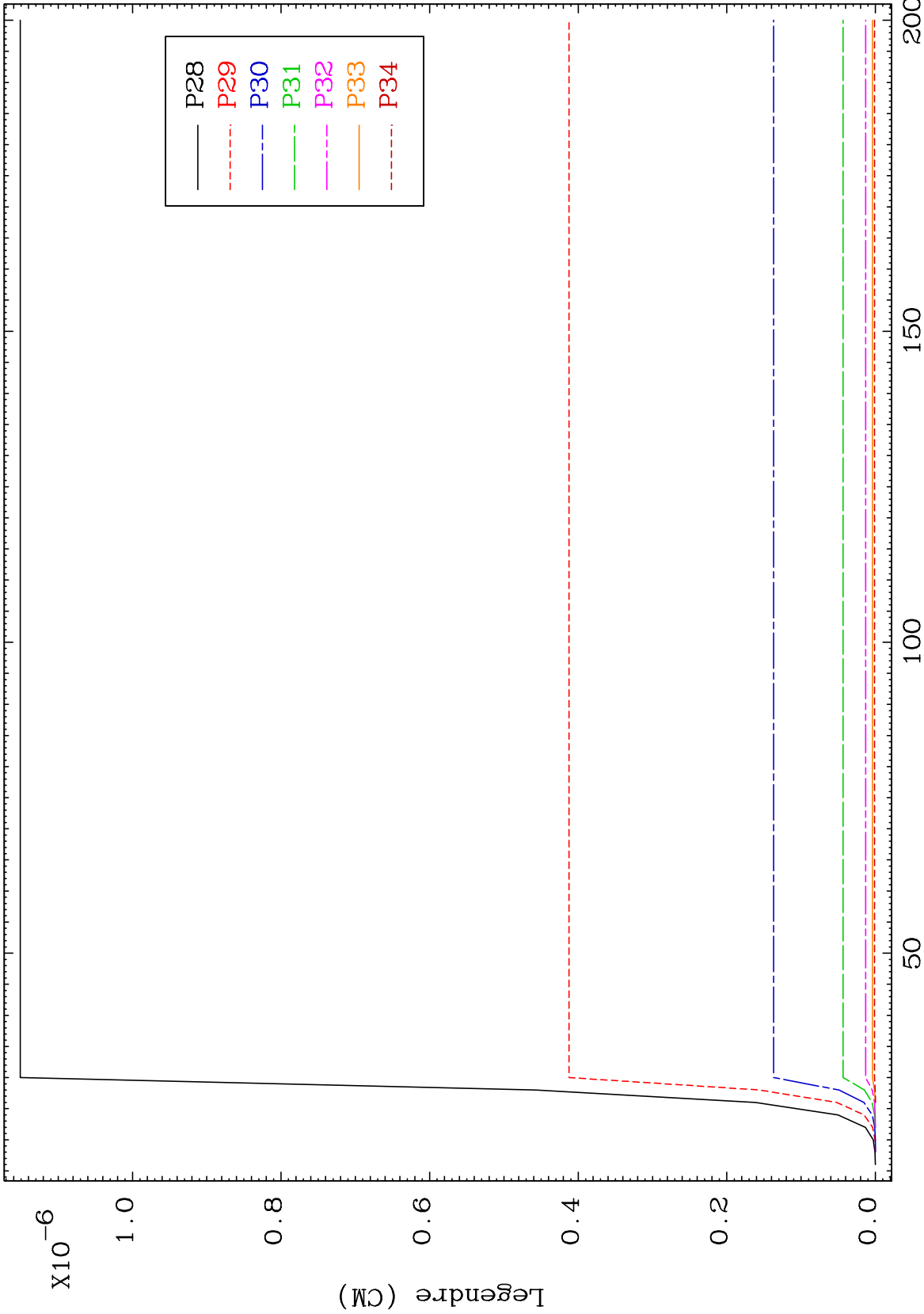


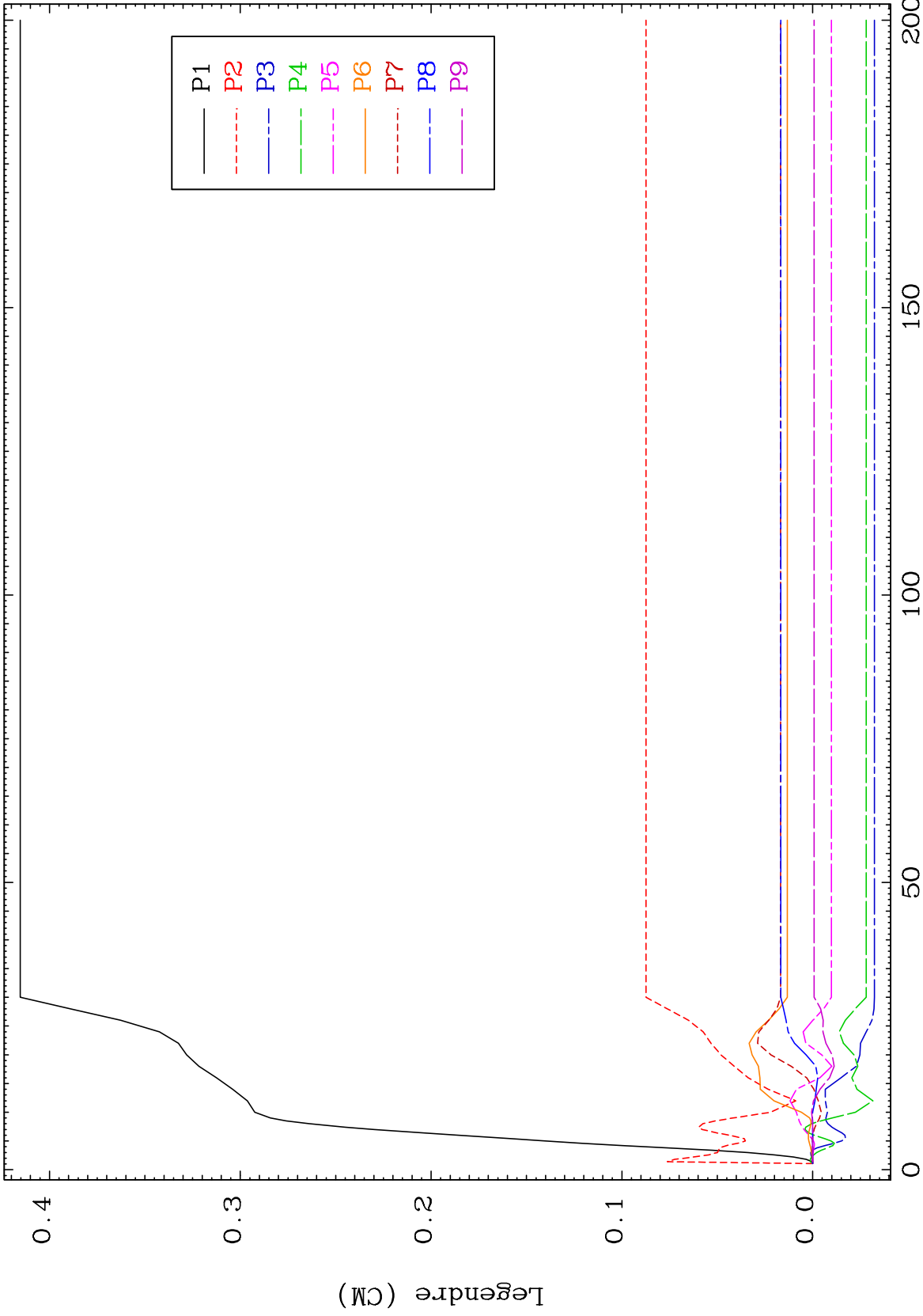
81

Incident Energy (MeV)

47-Ag-116



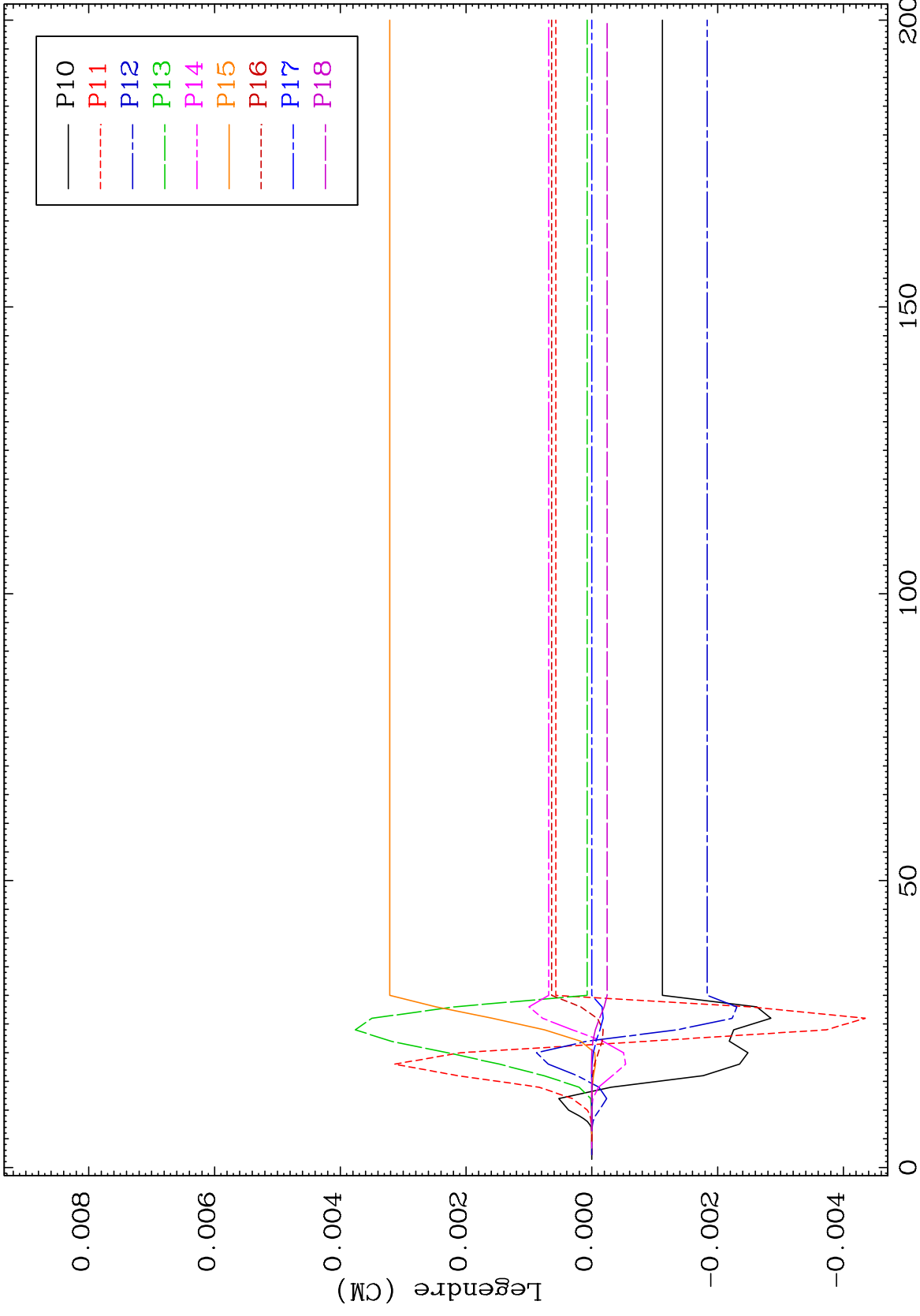




MAT 4752

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

47-Ag-116



85

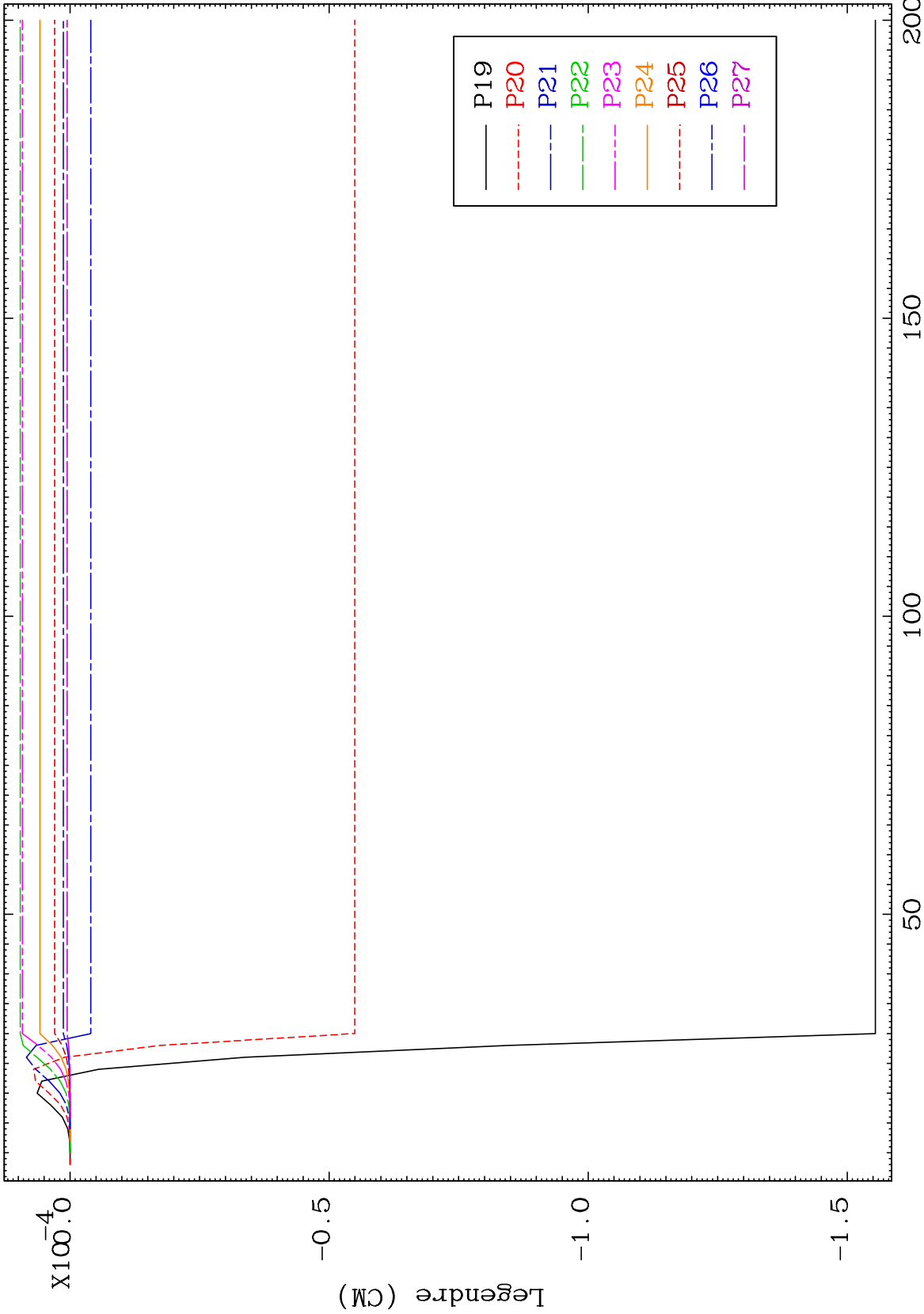
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



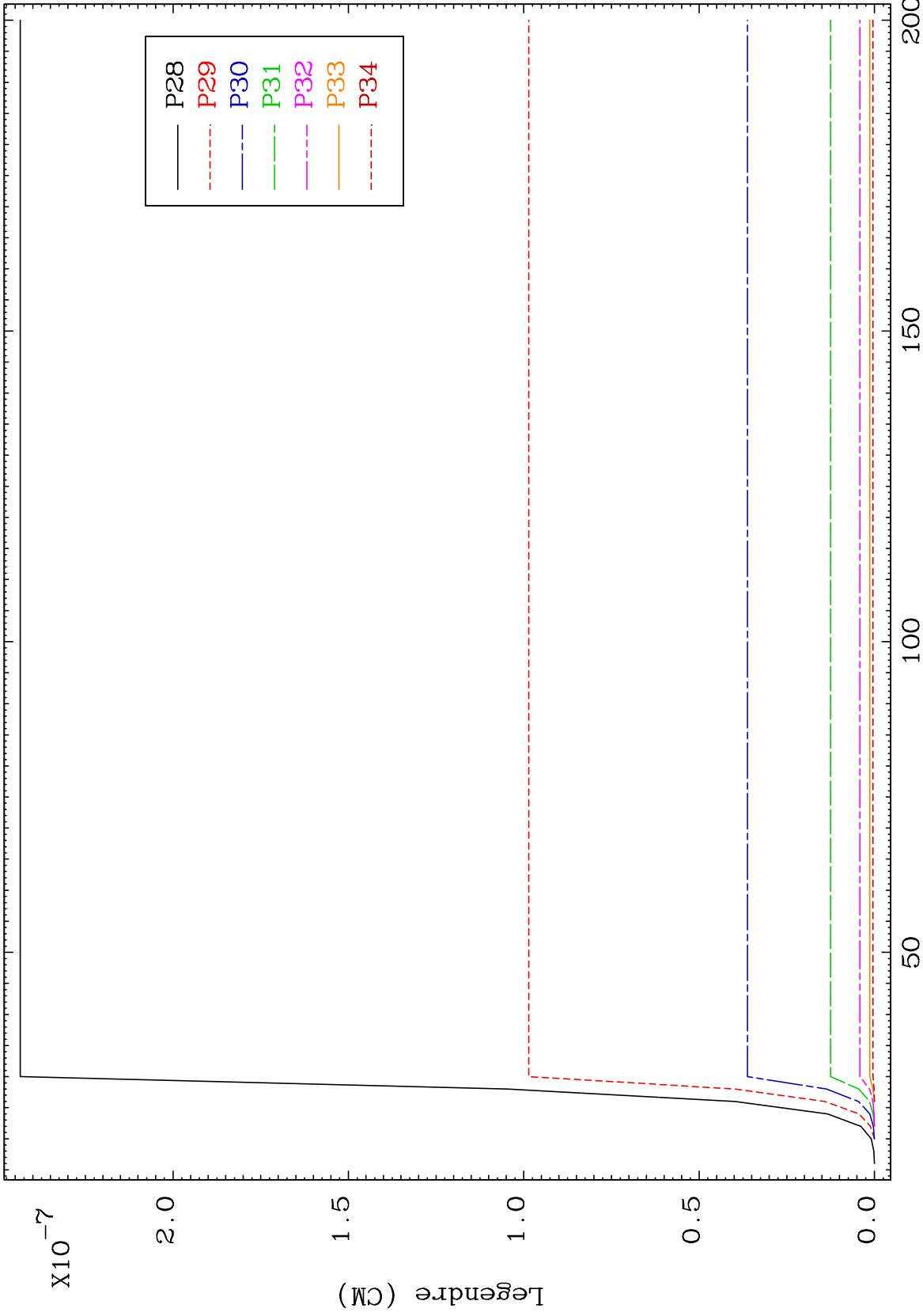
86

47-Ag-116

MAT 4752

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

47-Ag-116



87

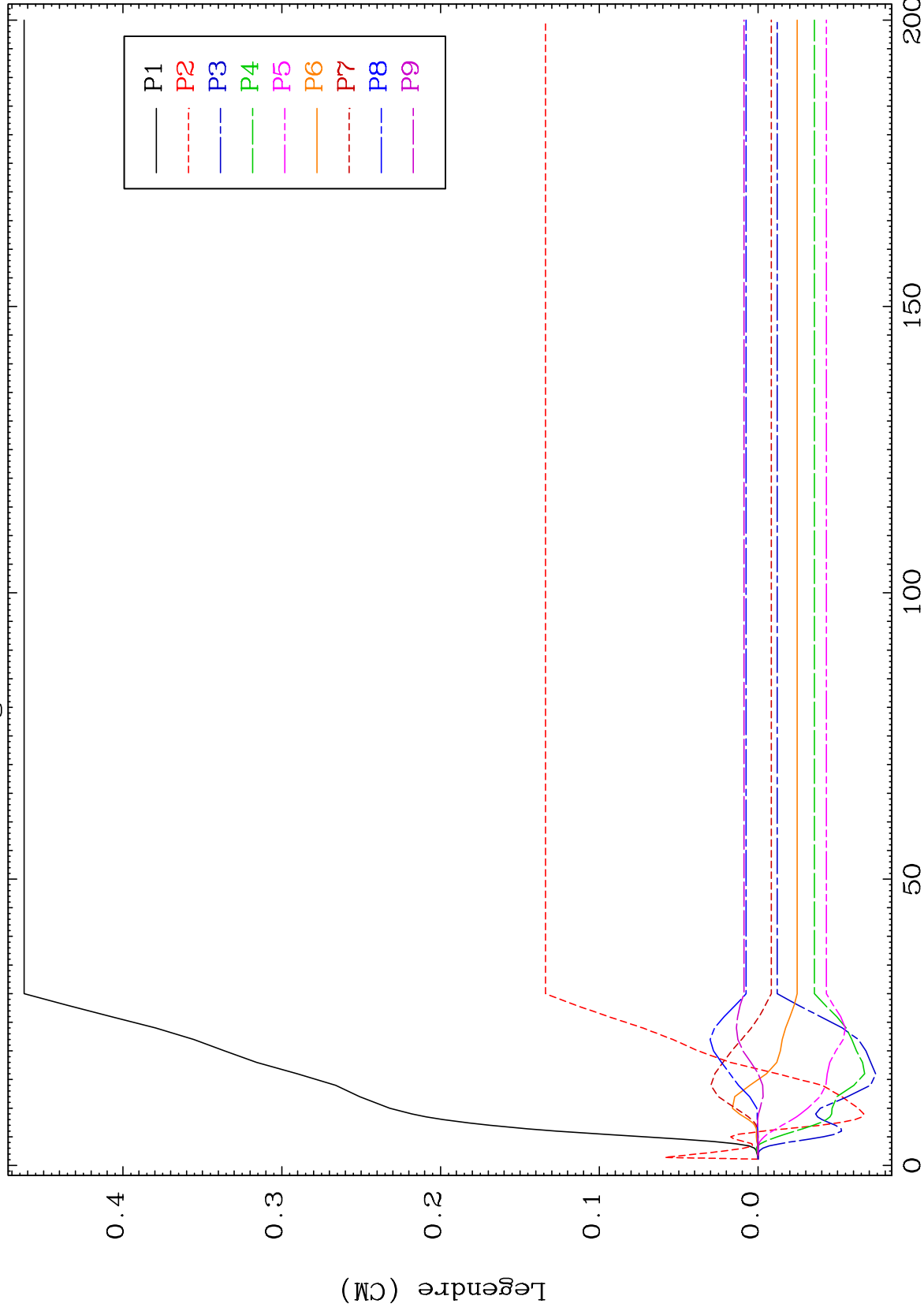
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



88

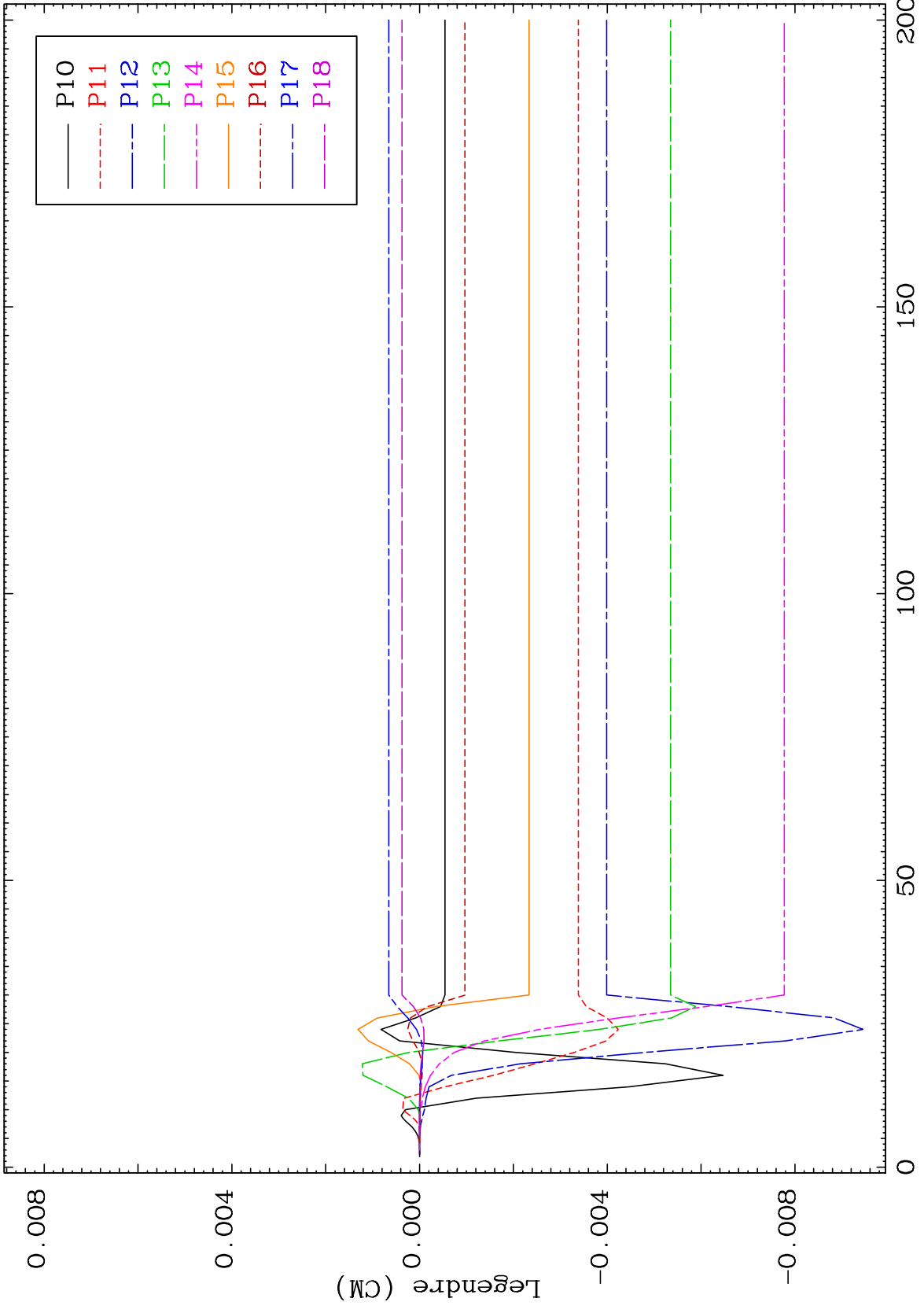
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



89

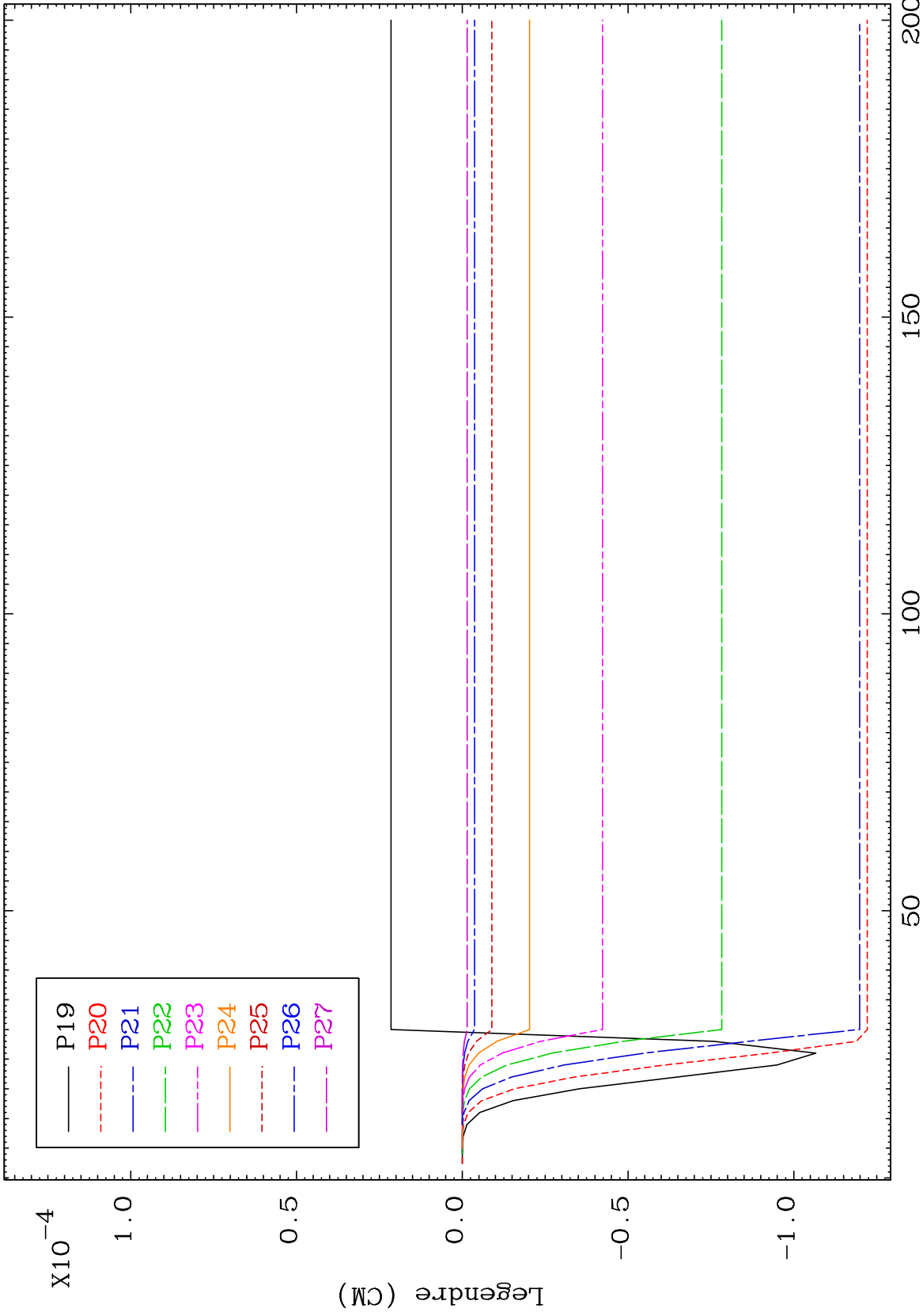
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



90

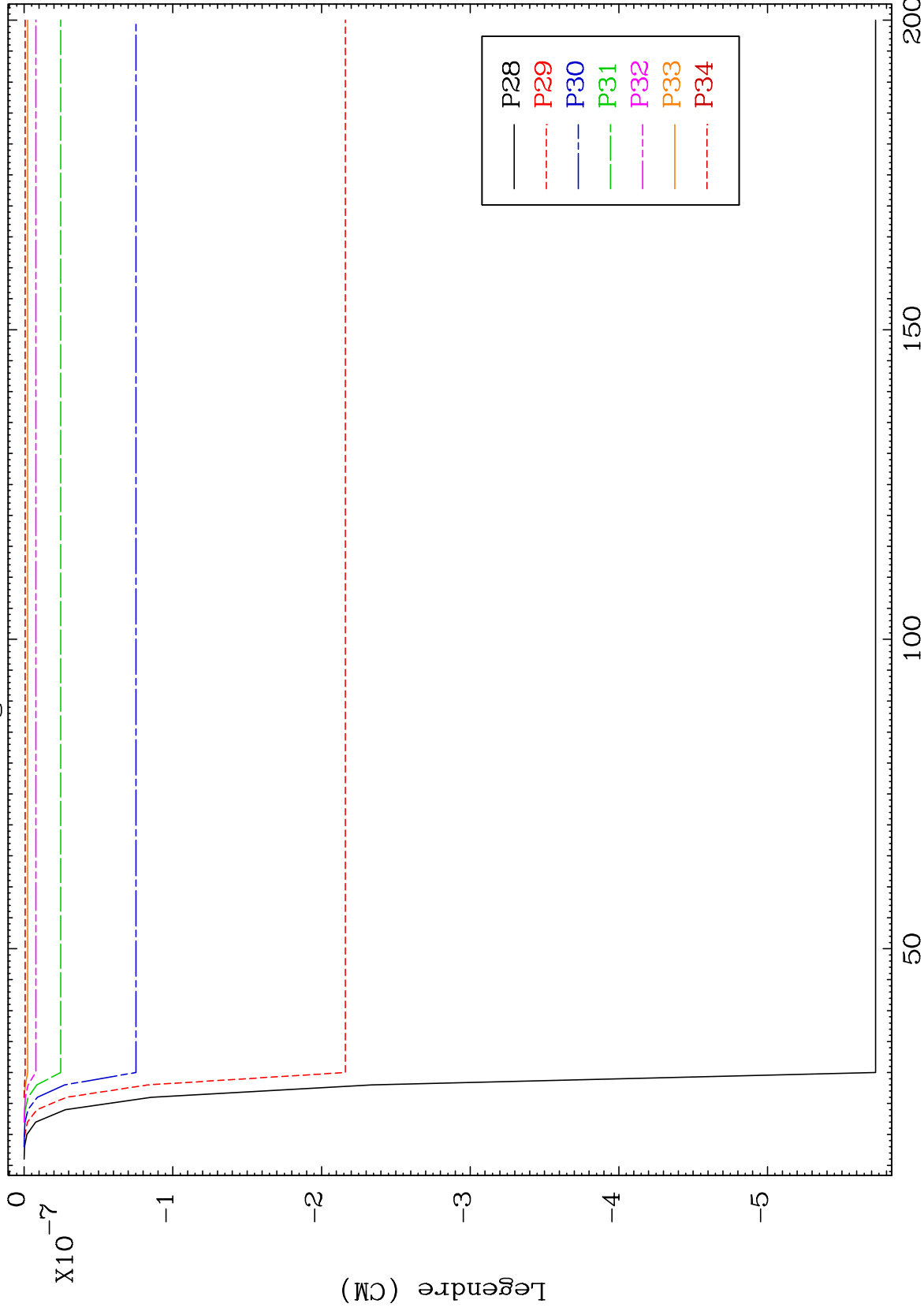
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



91

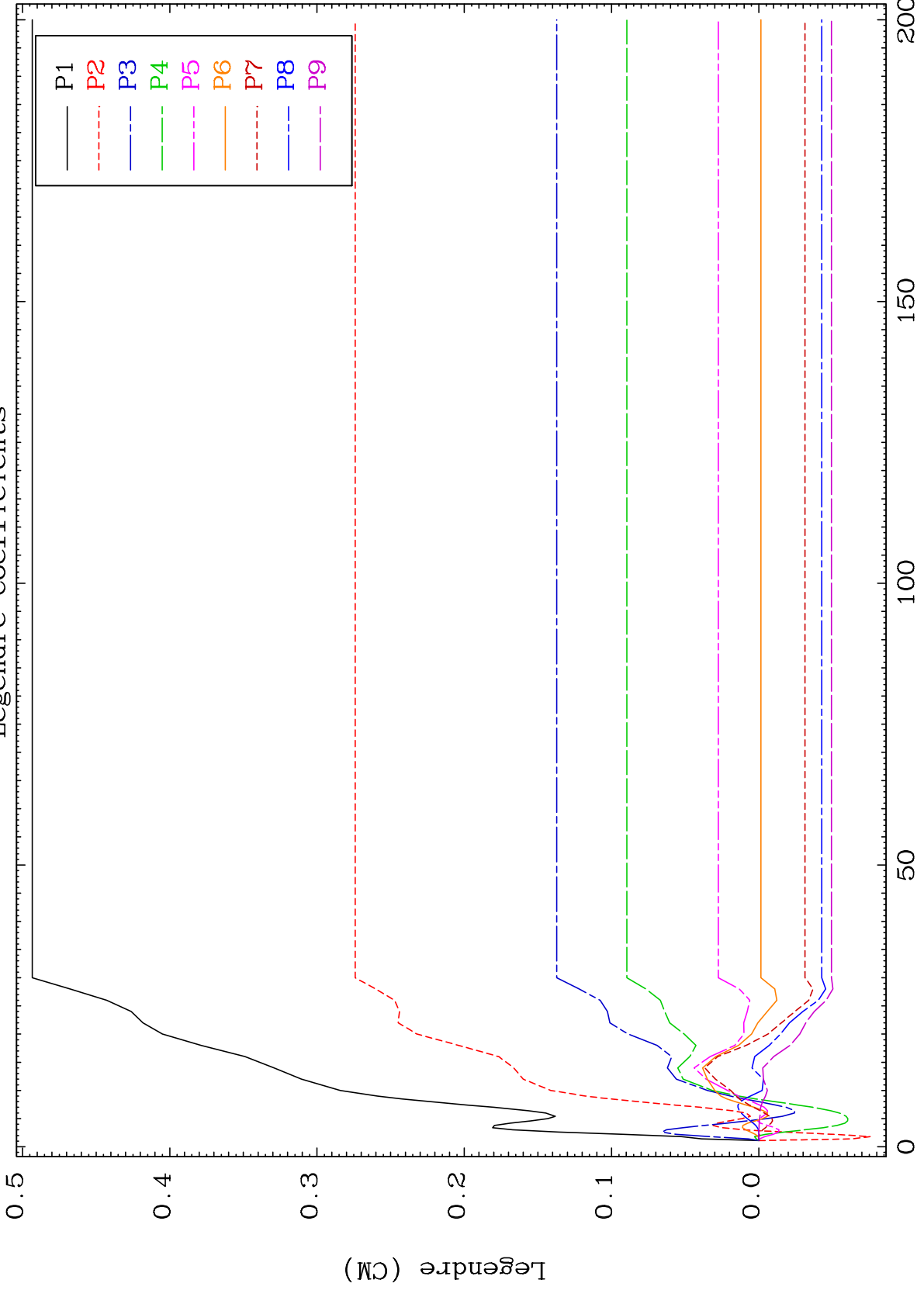
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



92

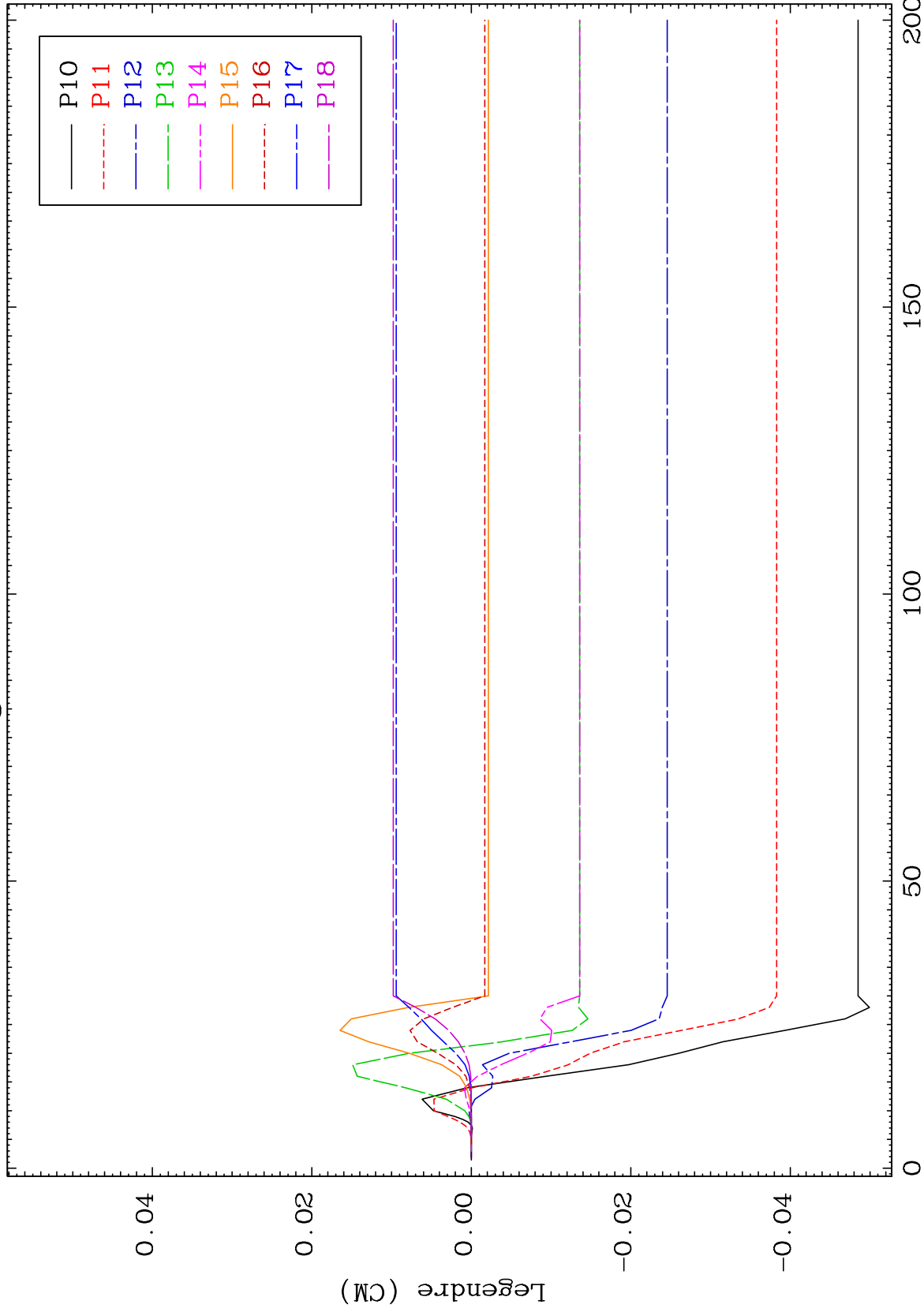
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

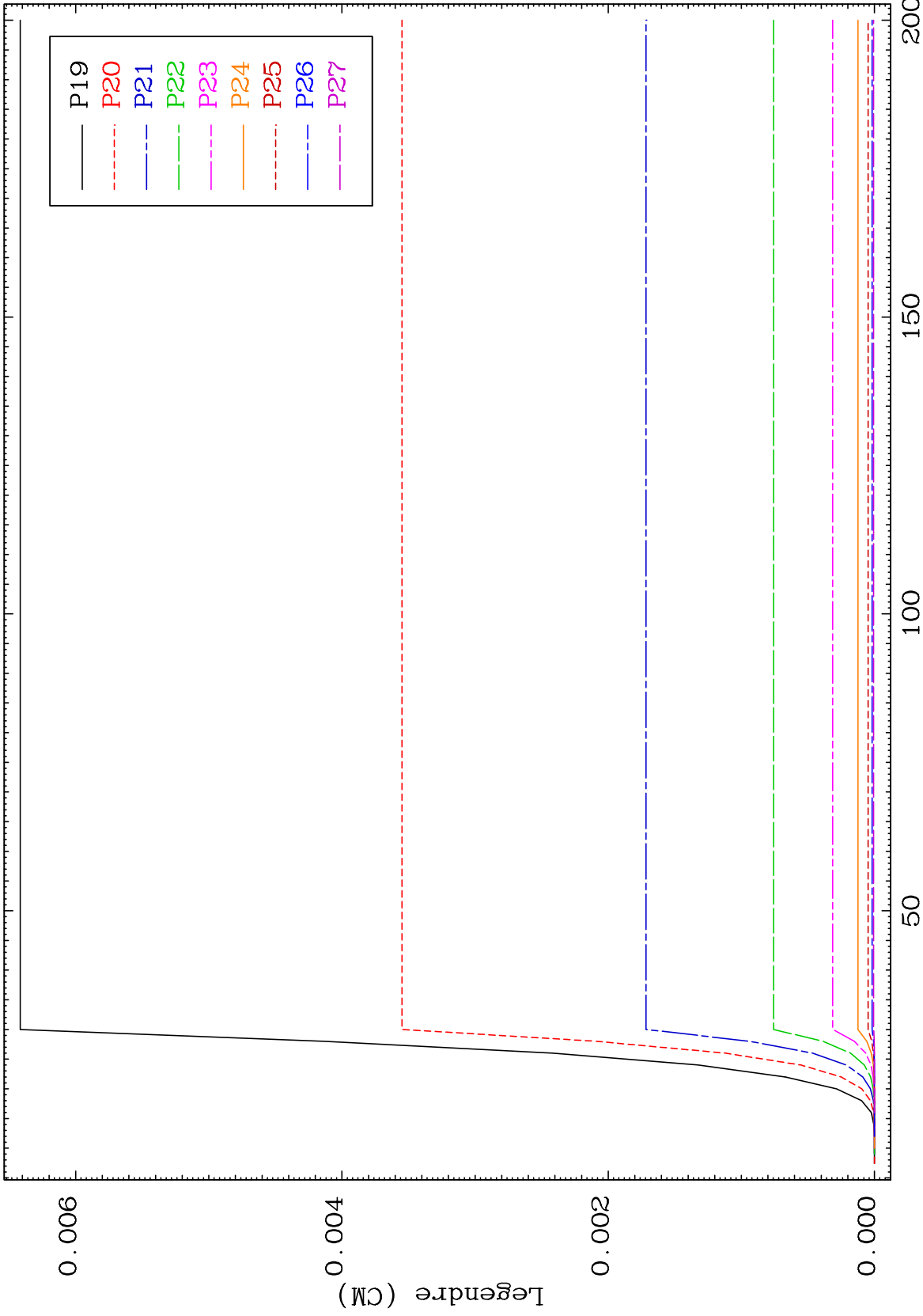
47-Ag-116



93

Incident Energy (MeV)

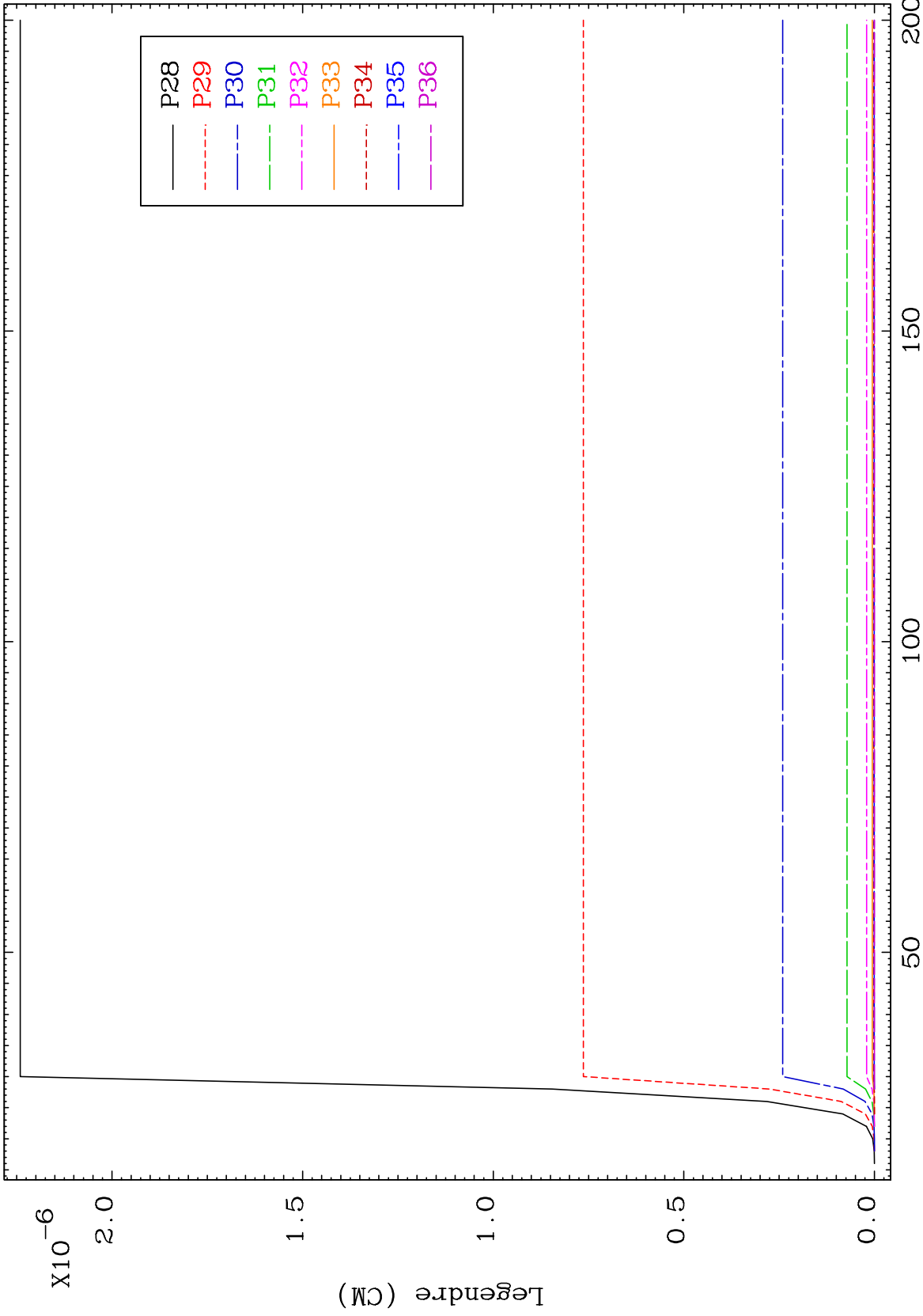
47-Ag-116



MAT 4752

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

47-Ag-116



95

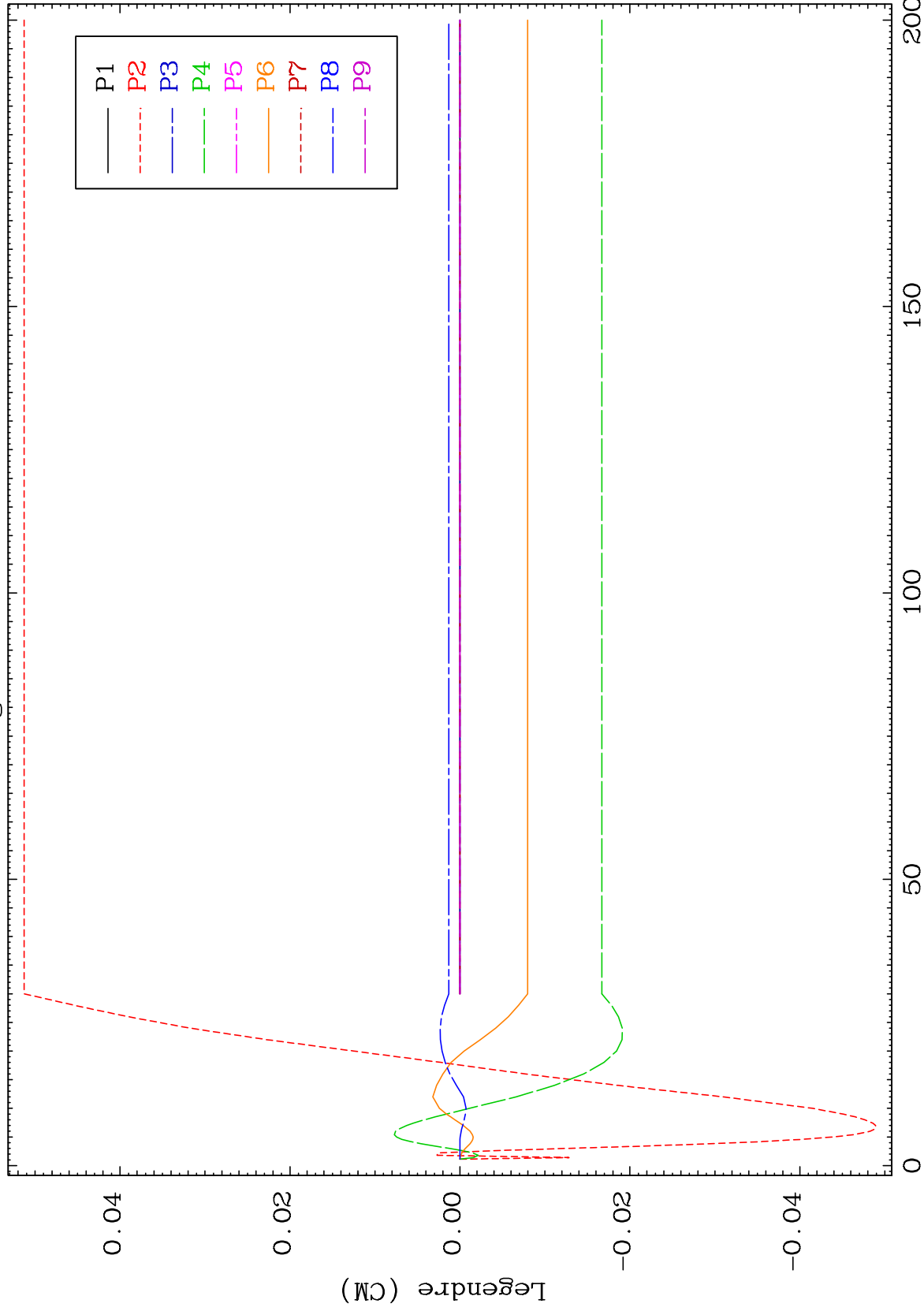
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

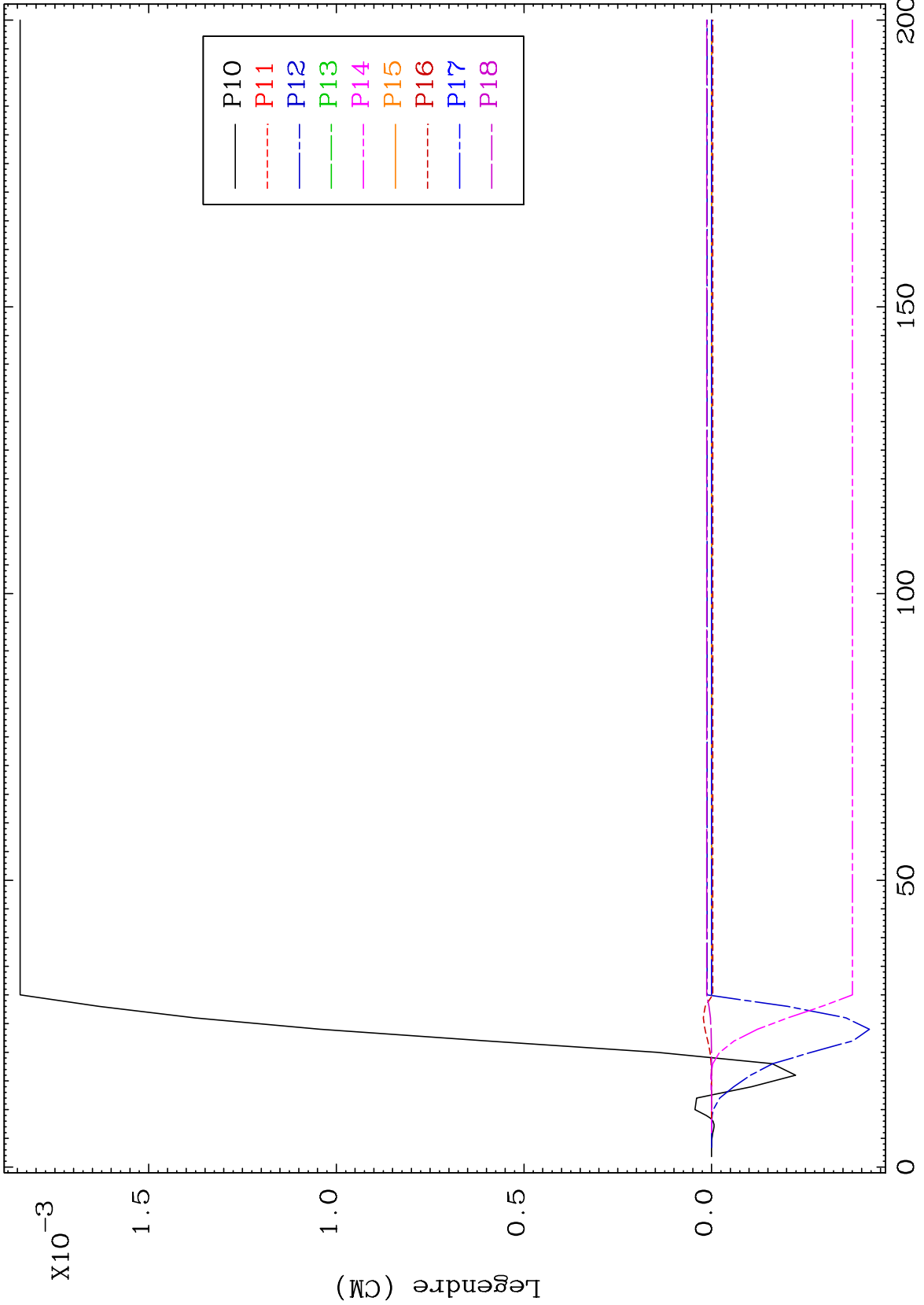
47-Ag-116



96

Incident Energy (MeV)

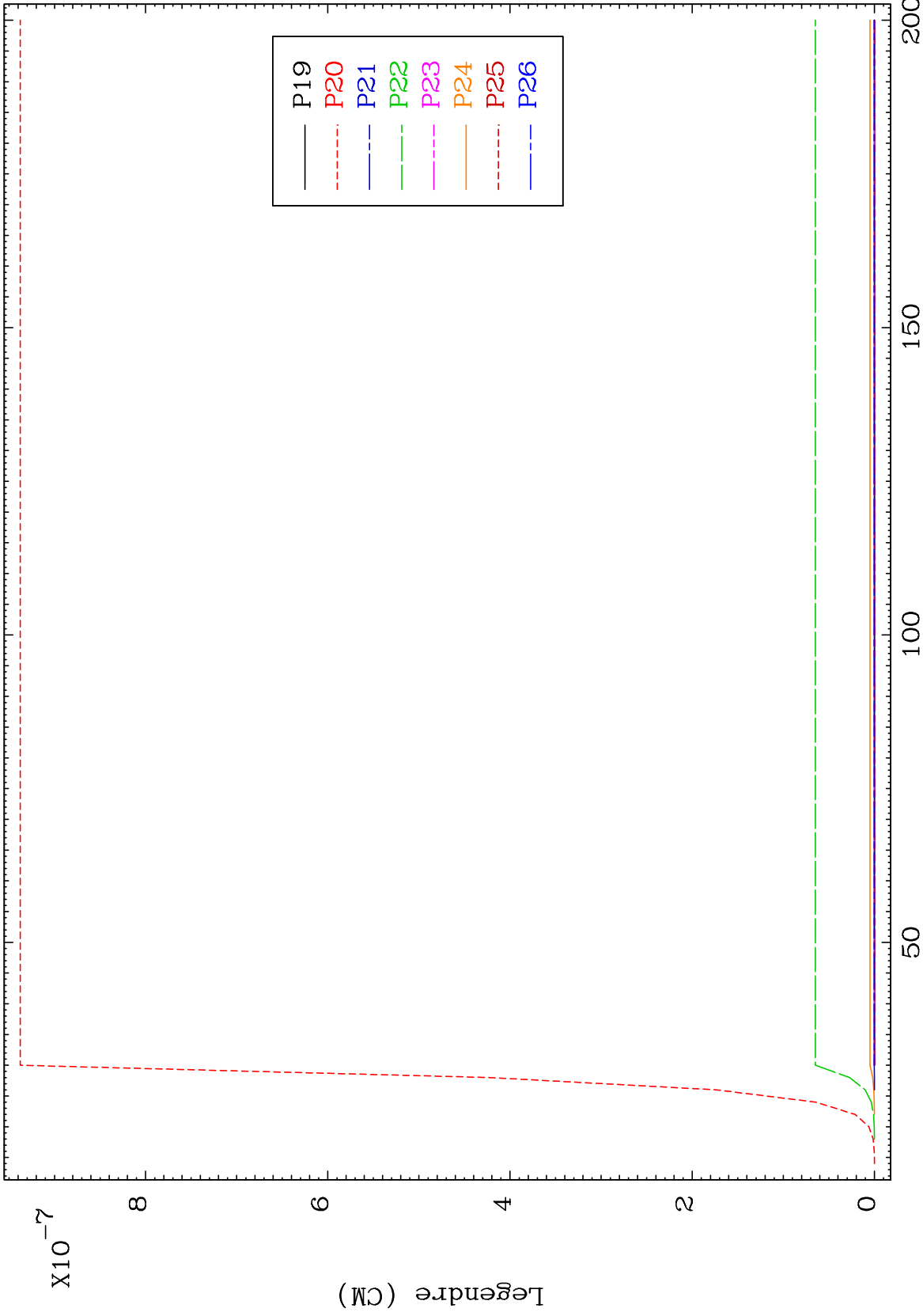
47-Ag-116



MAT 4752

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

47-Ag-116



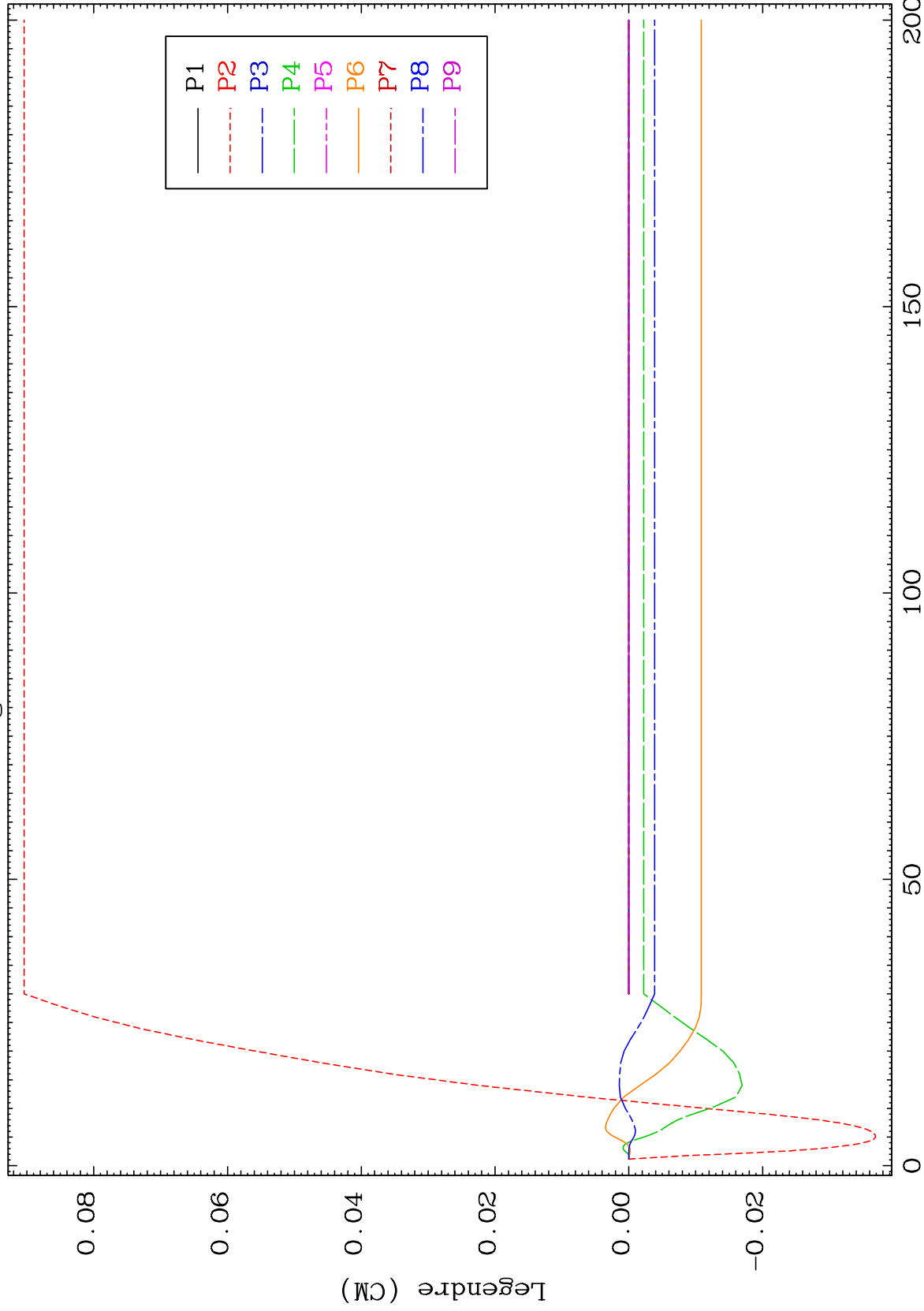
98

47-Ag-116

MAT 4752

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

47-Ag-116



99

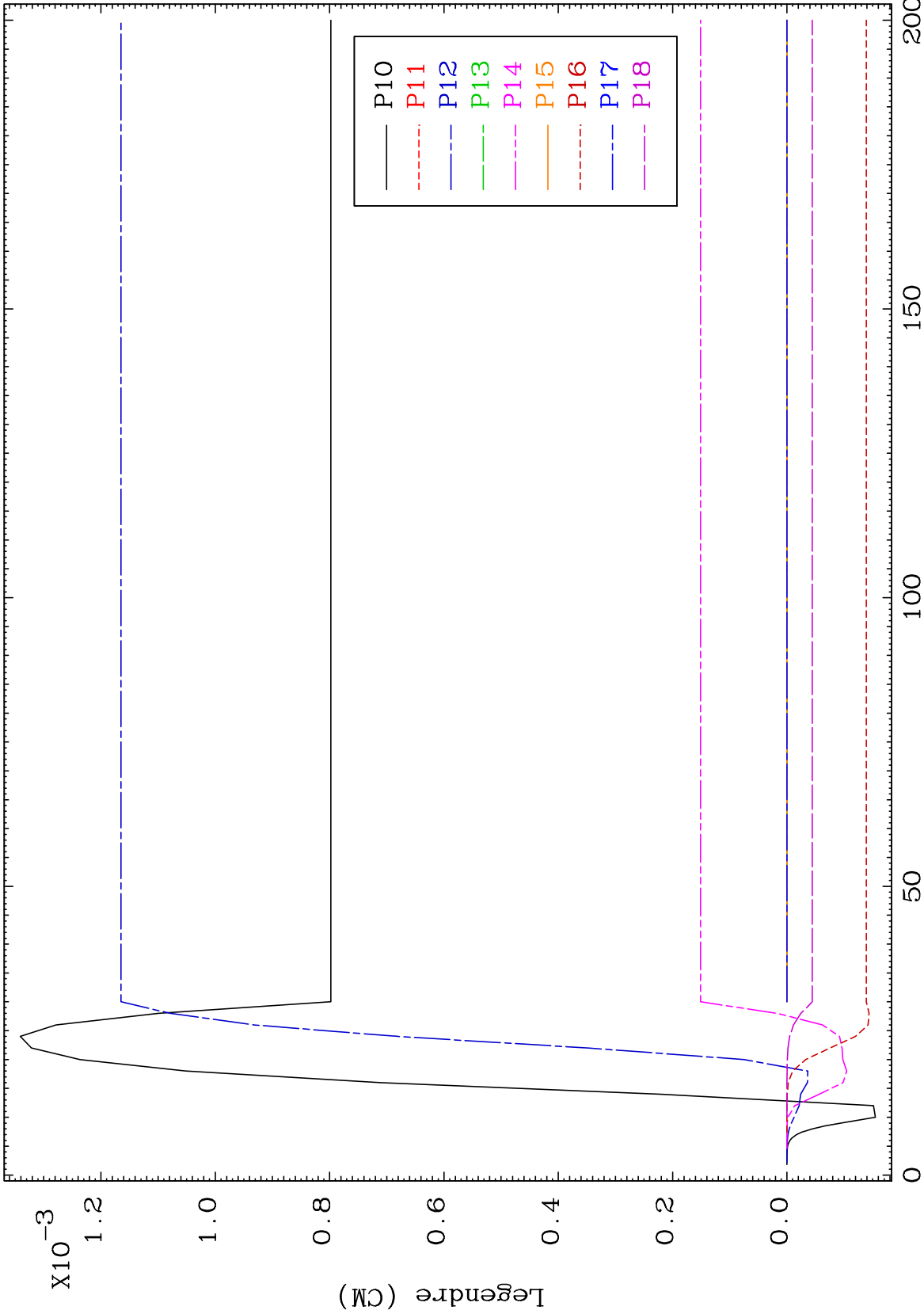
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



100

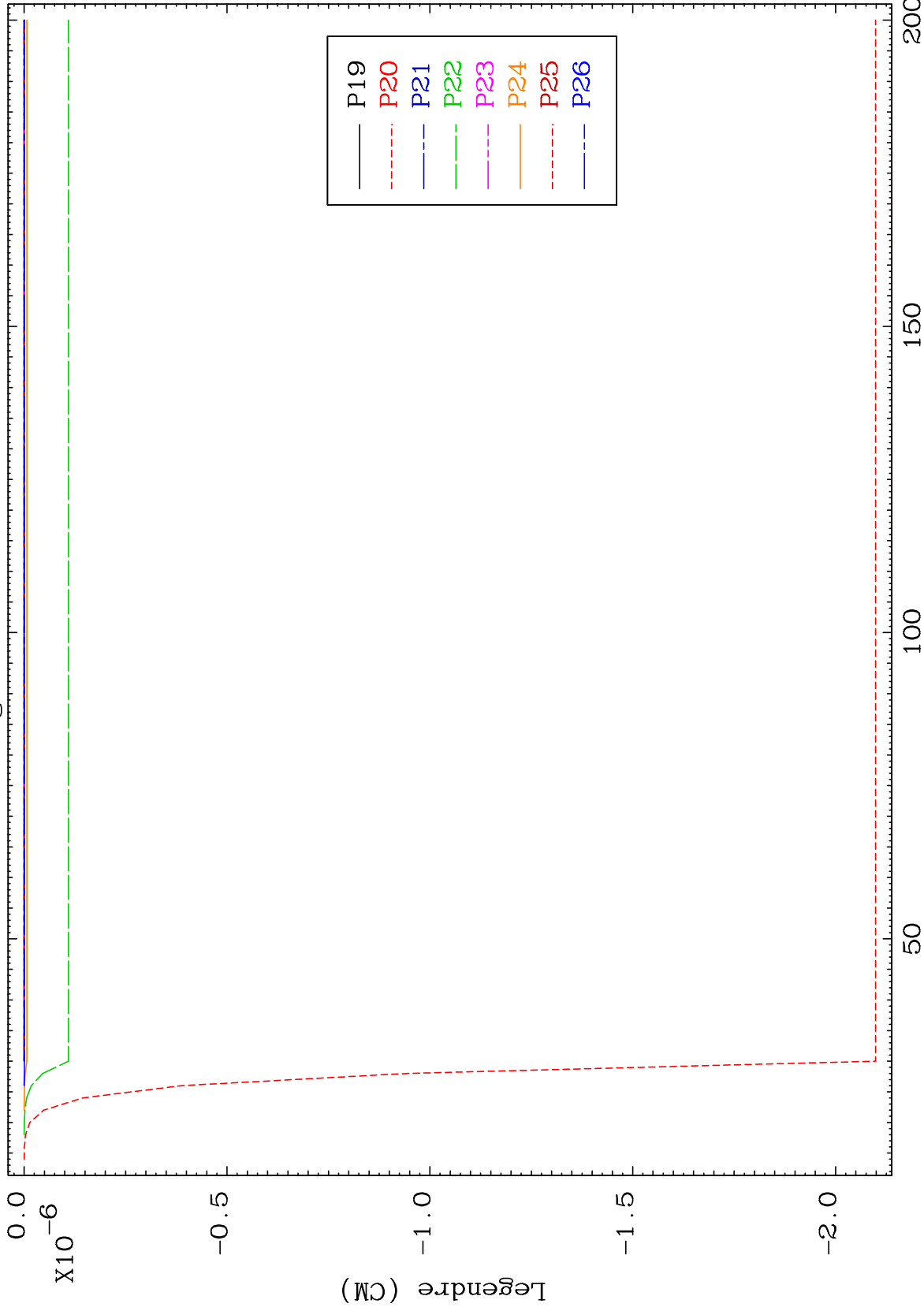
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



101

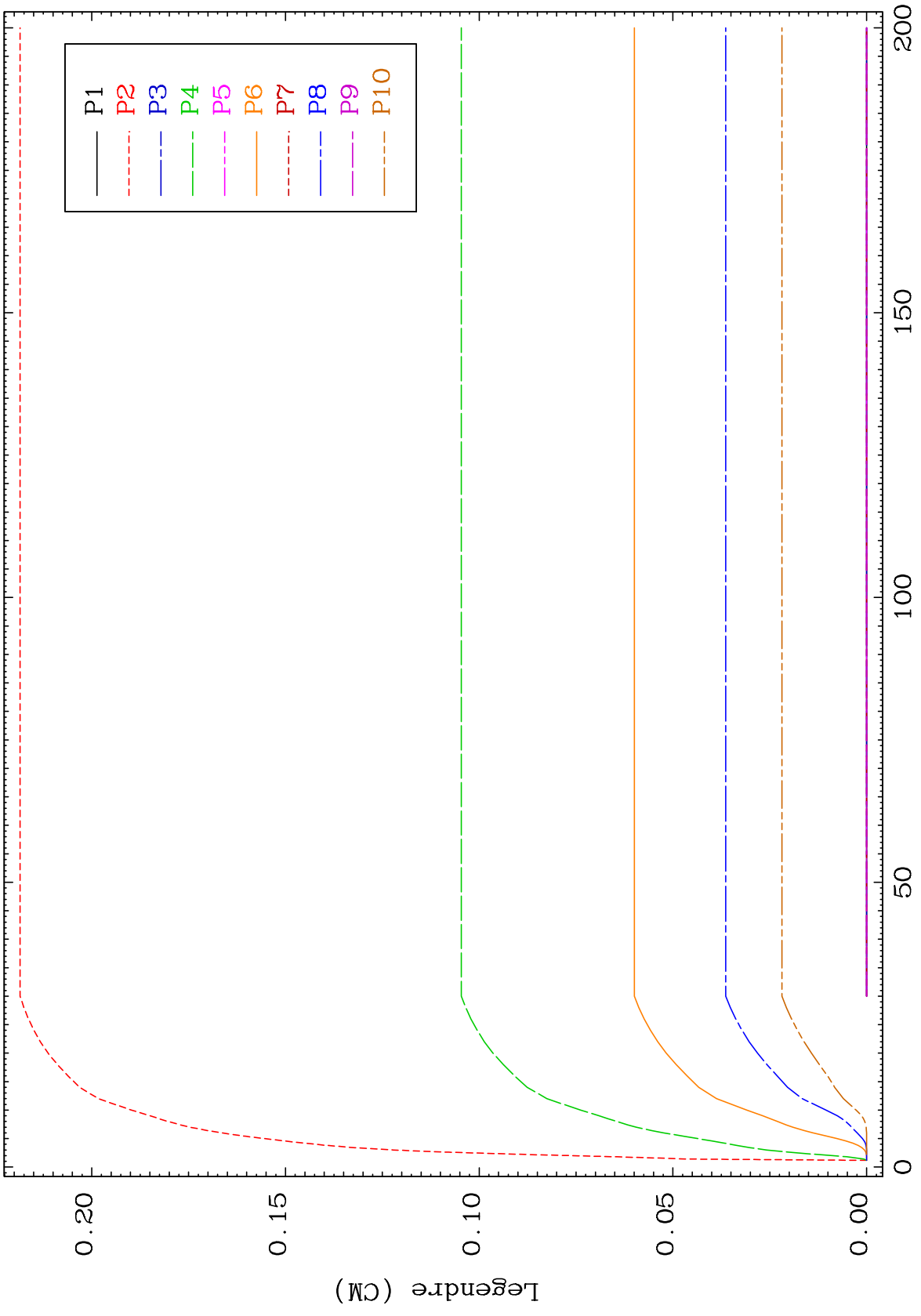
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



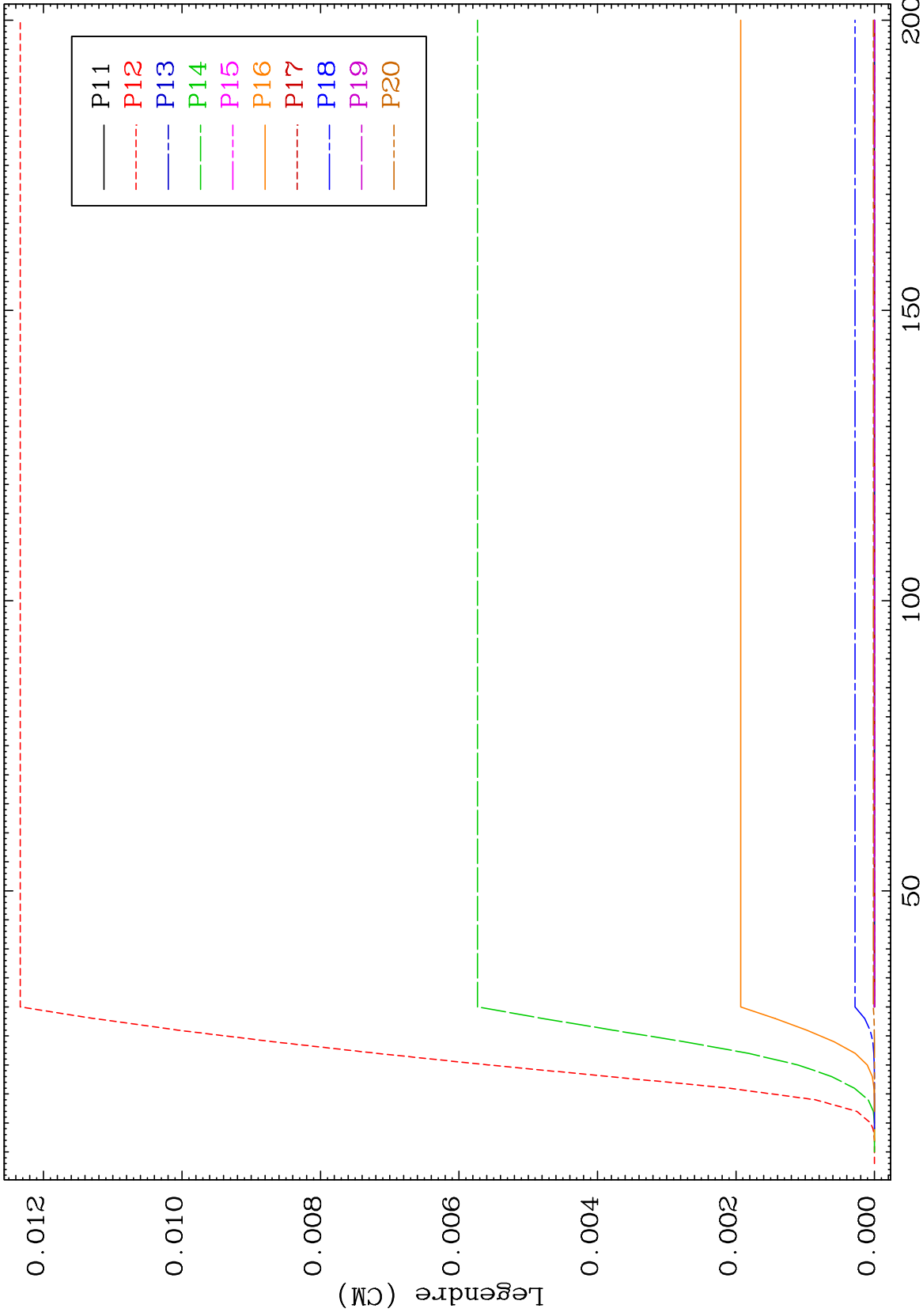
102

47-Ag-116

MAT 4752

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

47-Ag-116



103

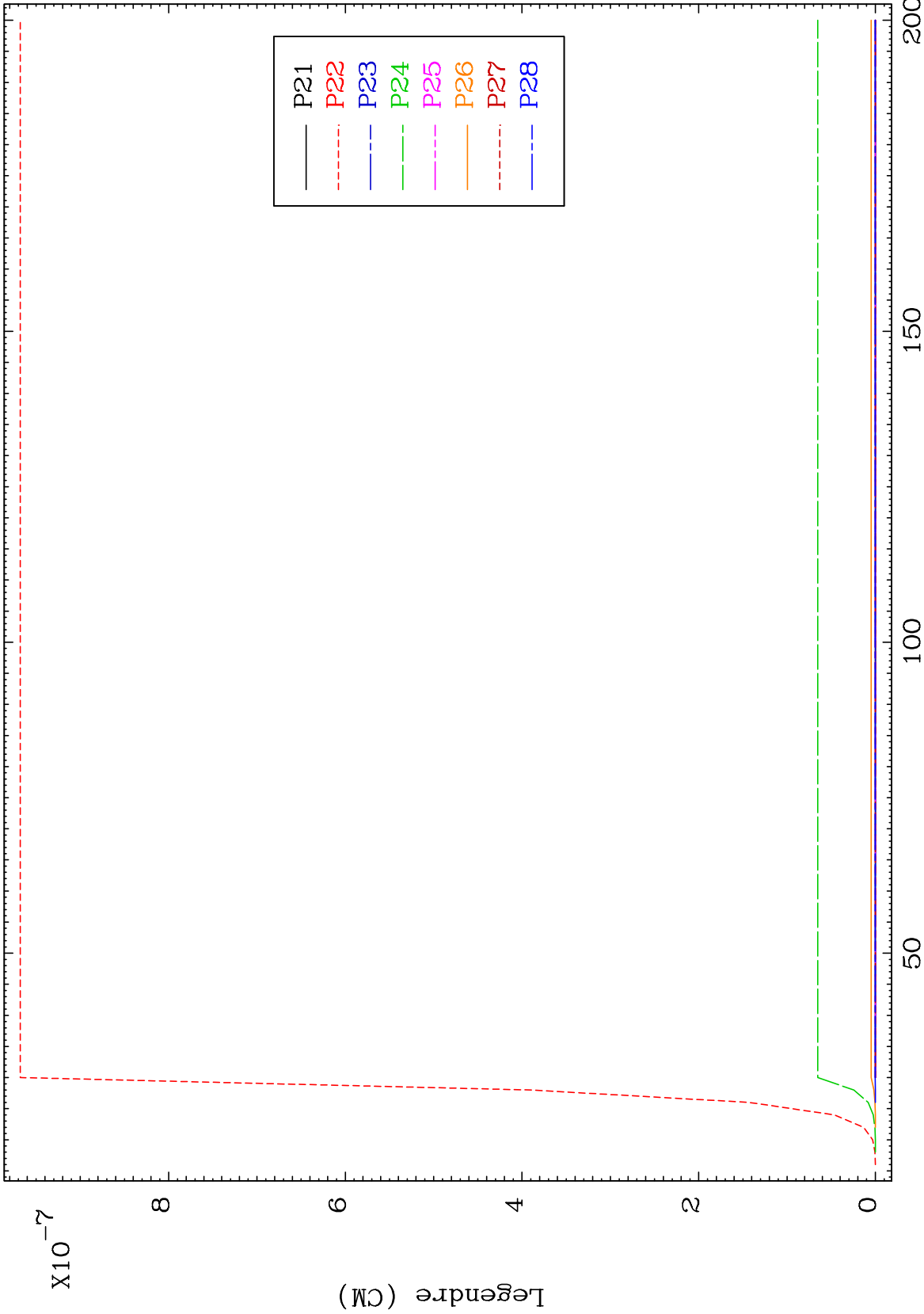
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



104

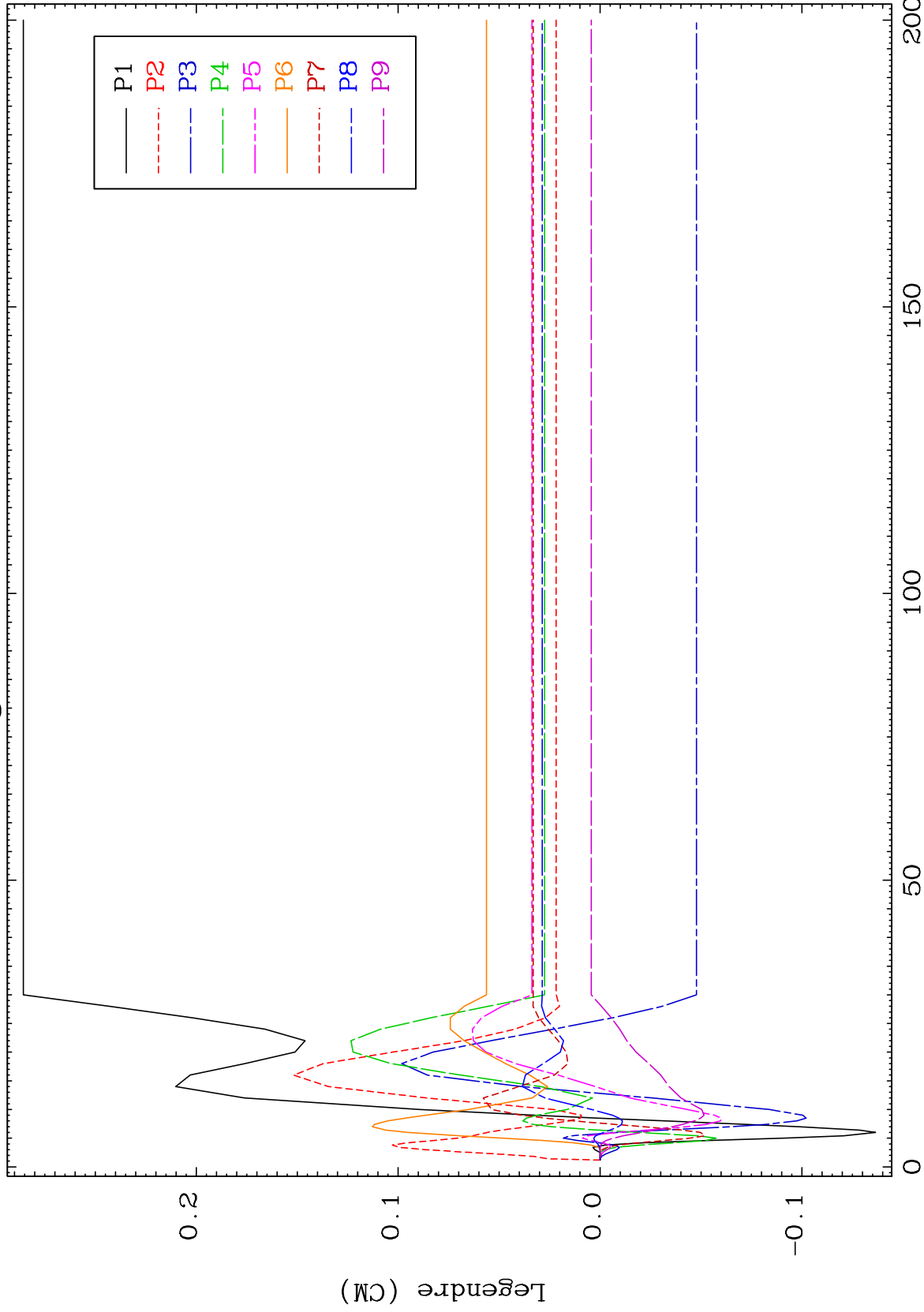
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



47-Ag-116

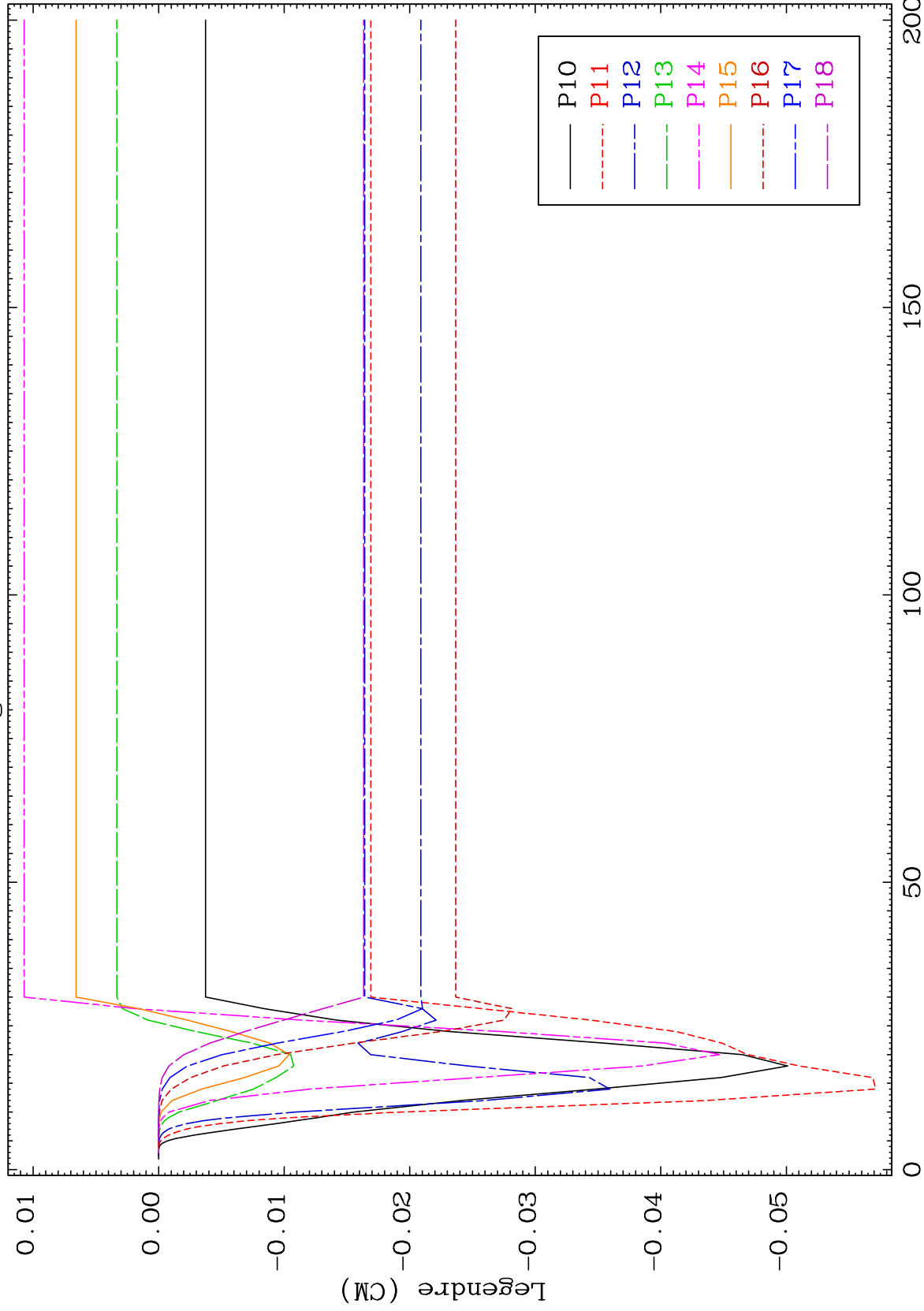
Incident Energy (MeV)

105

MAT 4752

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

47-Ag-116



106

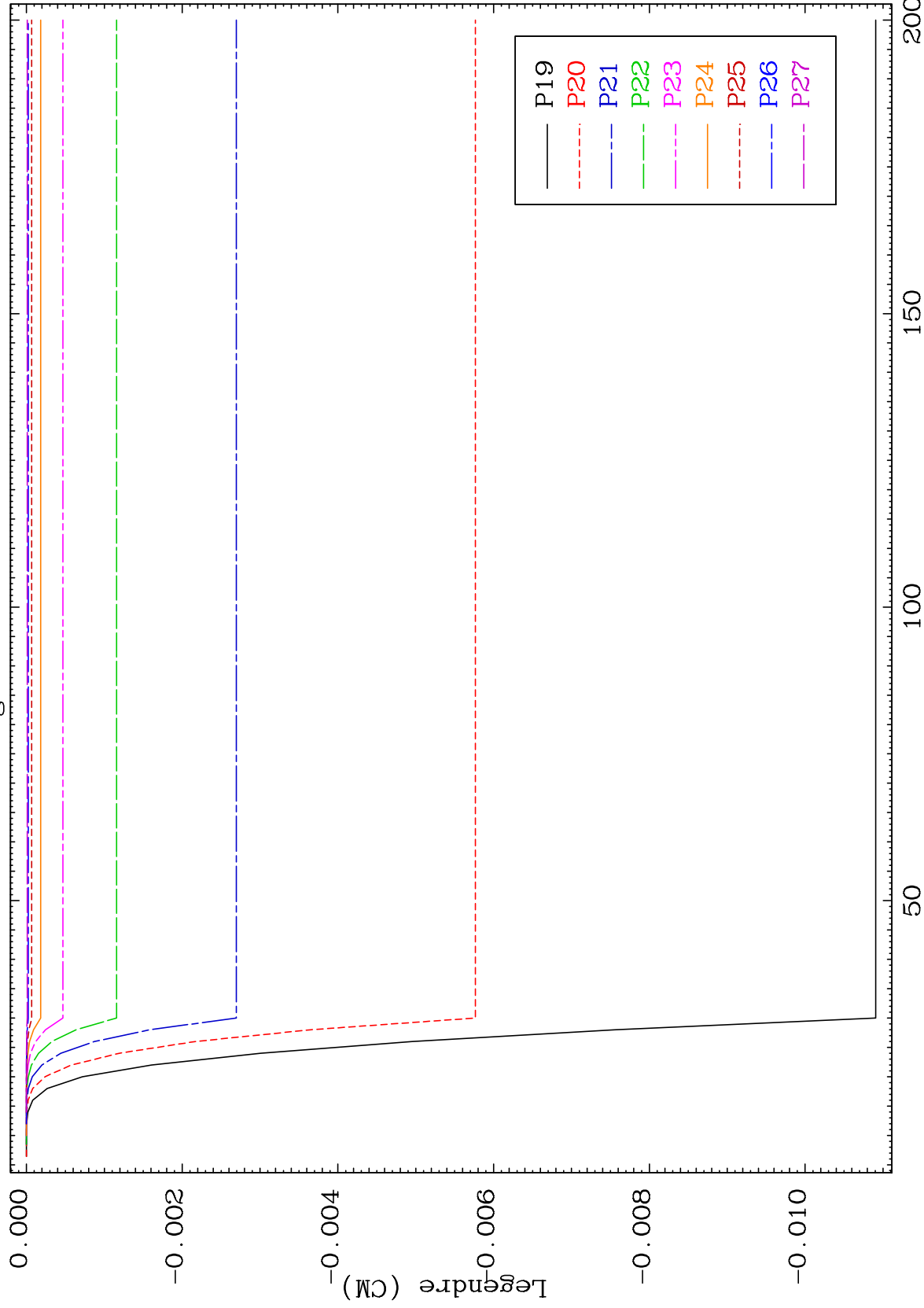
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



107

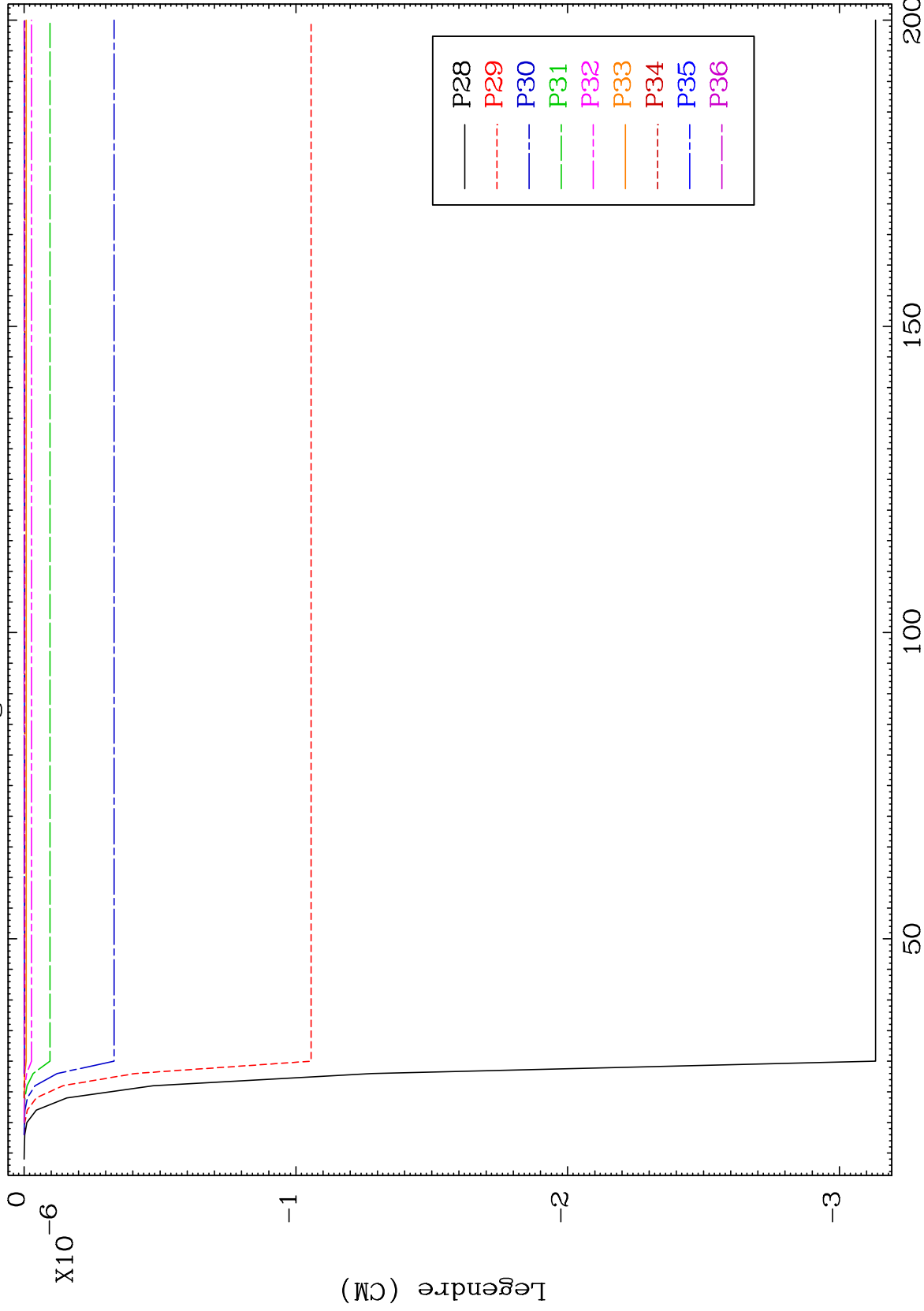
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

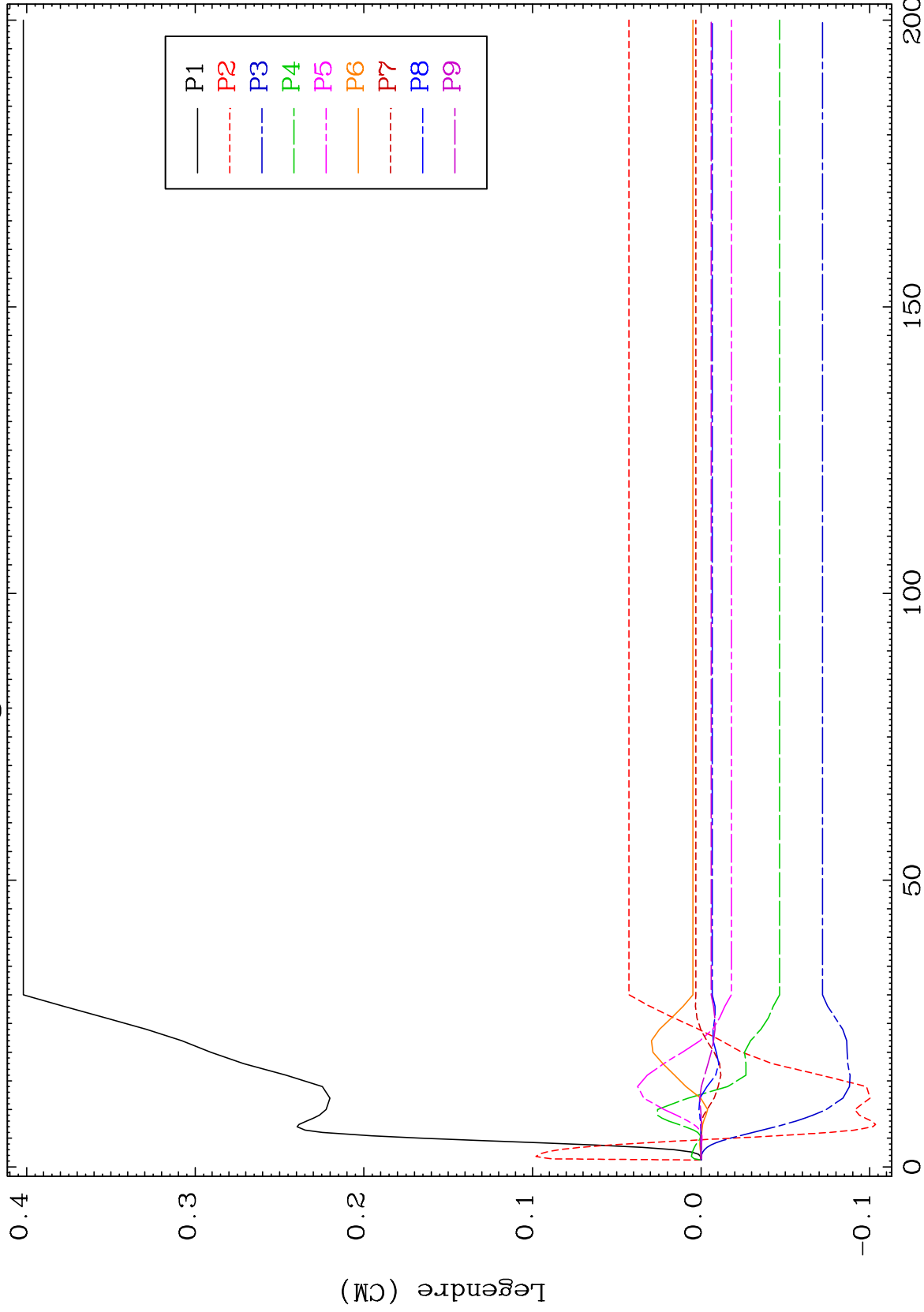
47-Ag-116



108

Incident Energy (MeV)

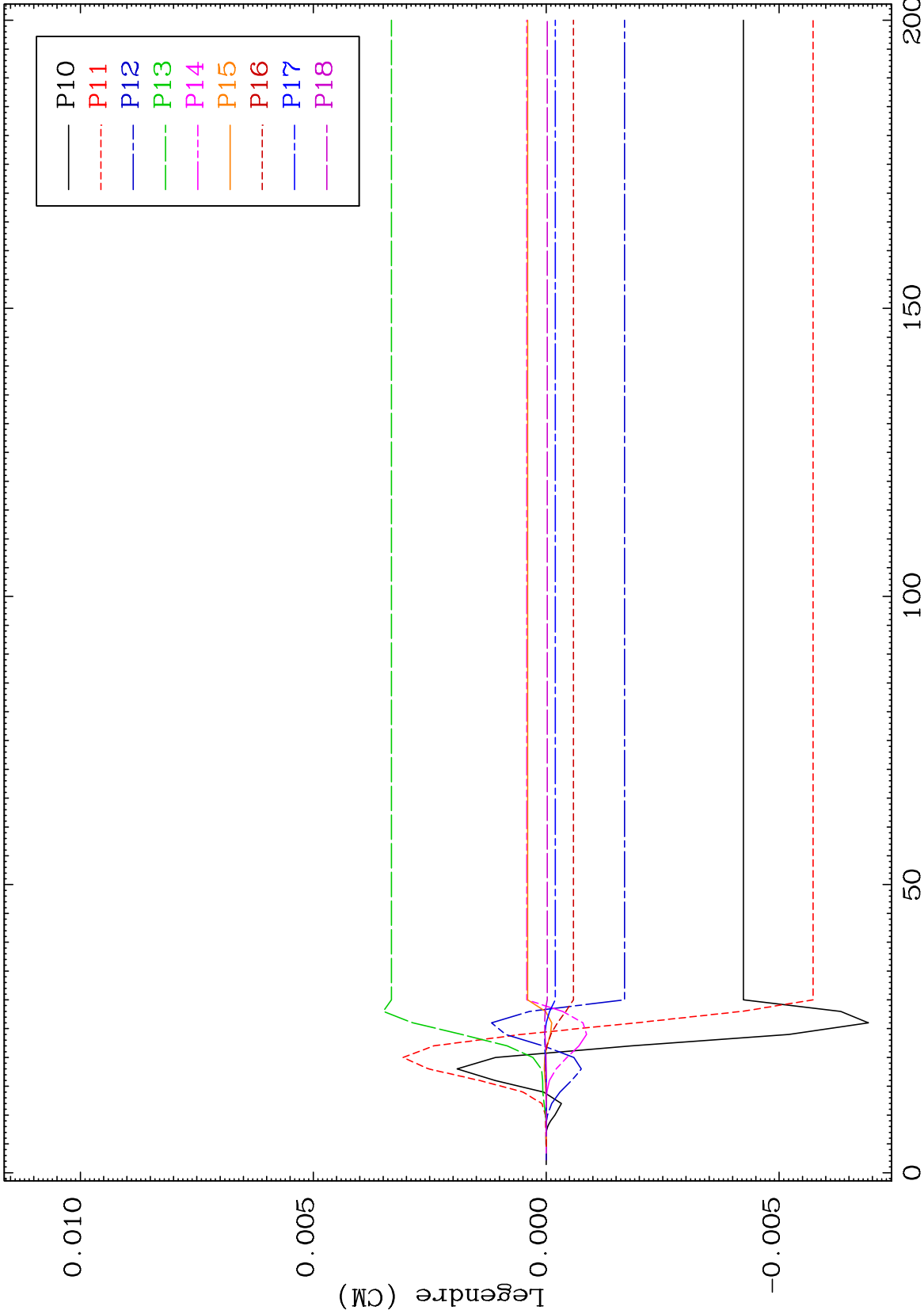
47-Ag-116



MAT 4752

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

47-Ag-116



110

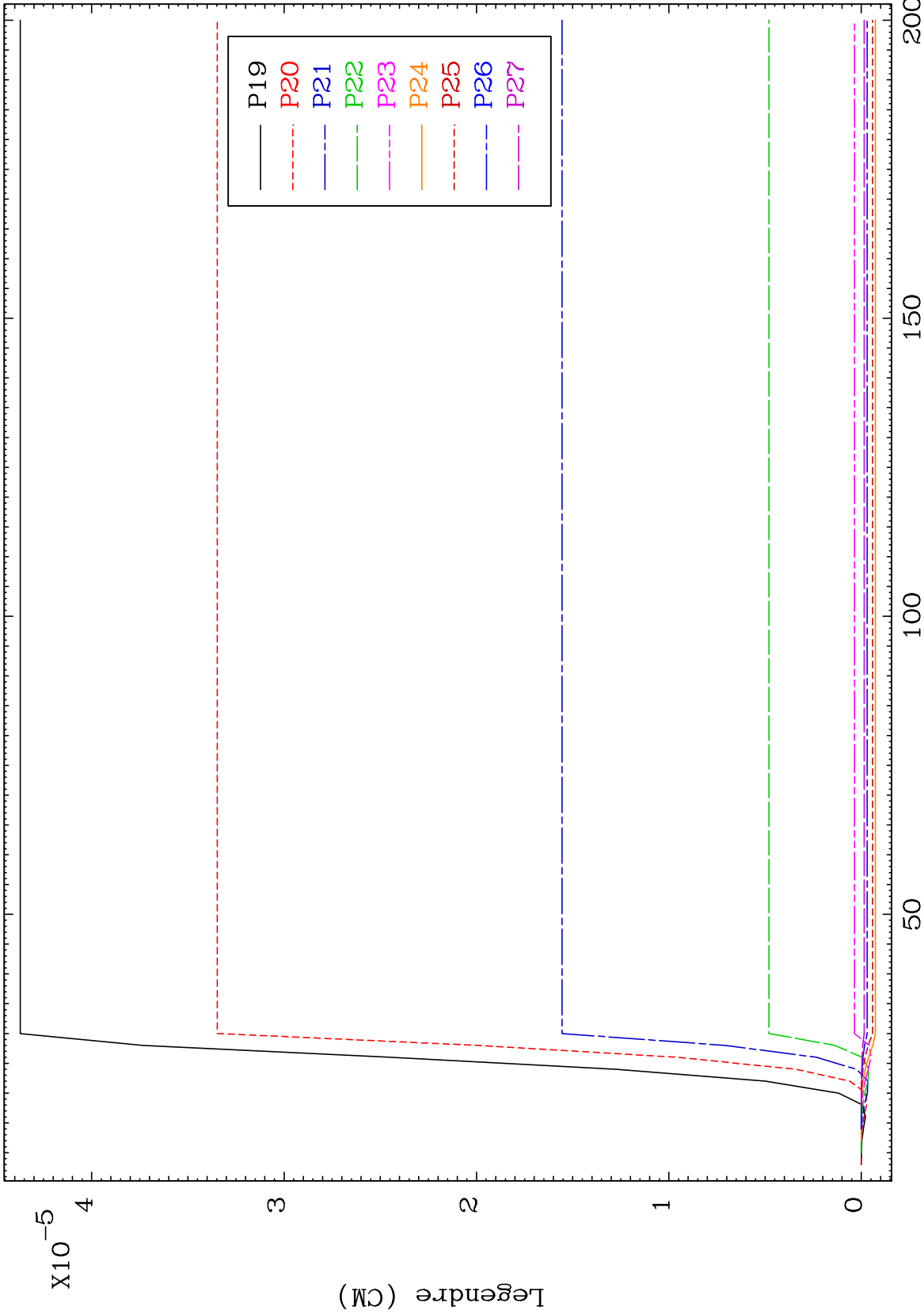
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



111

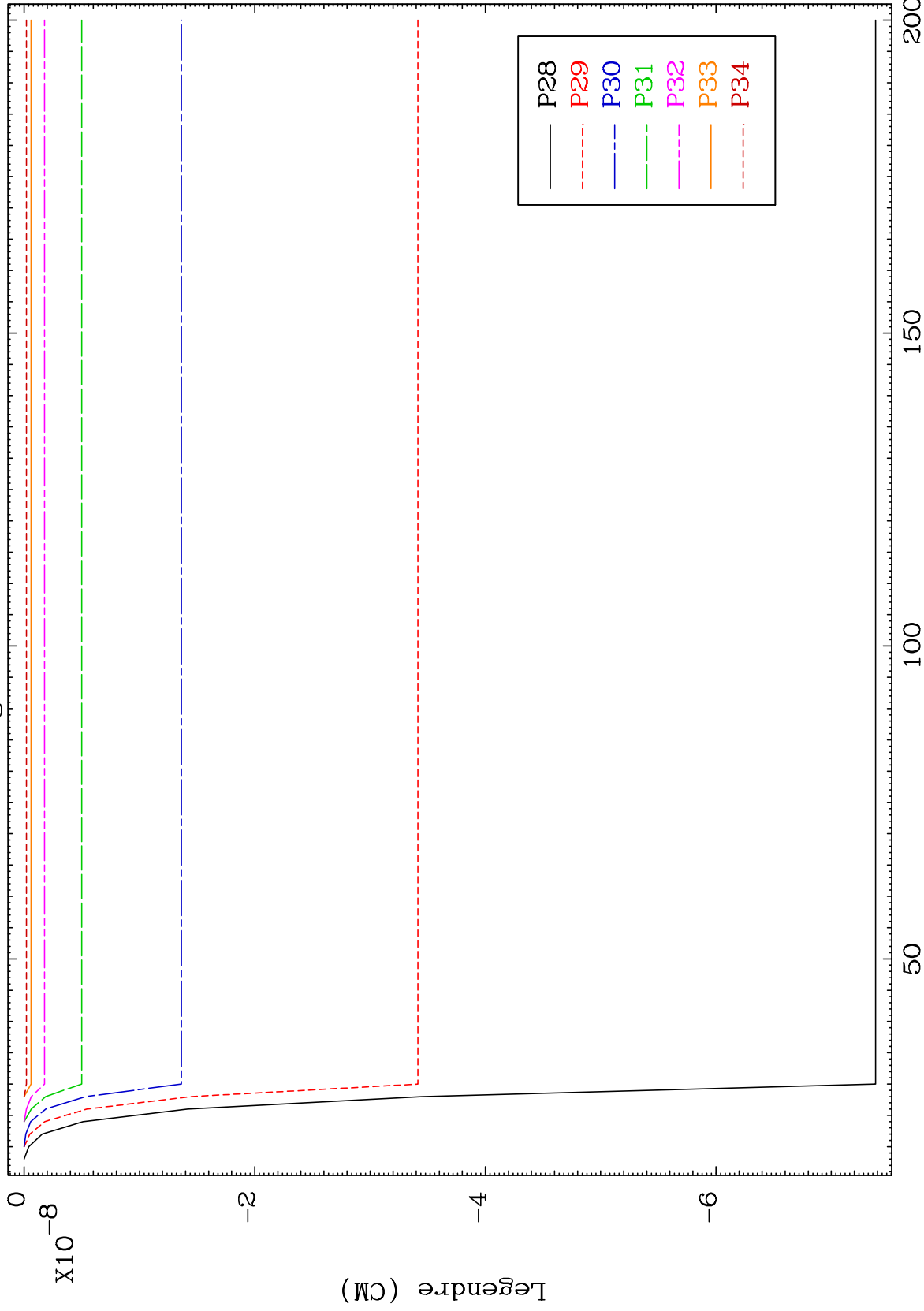
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



112

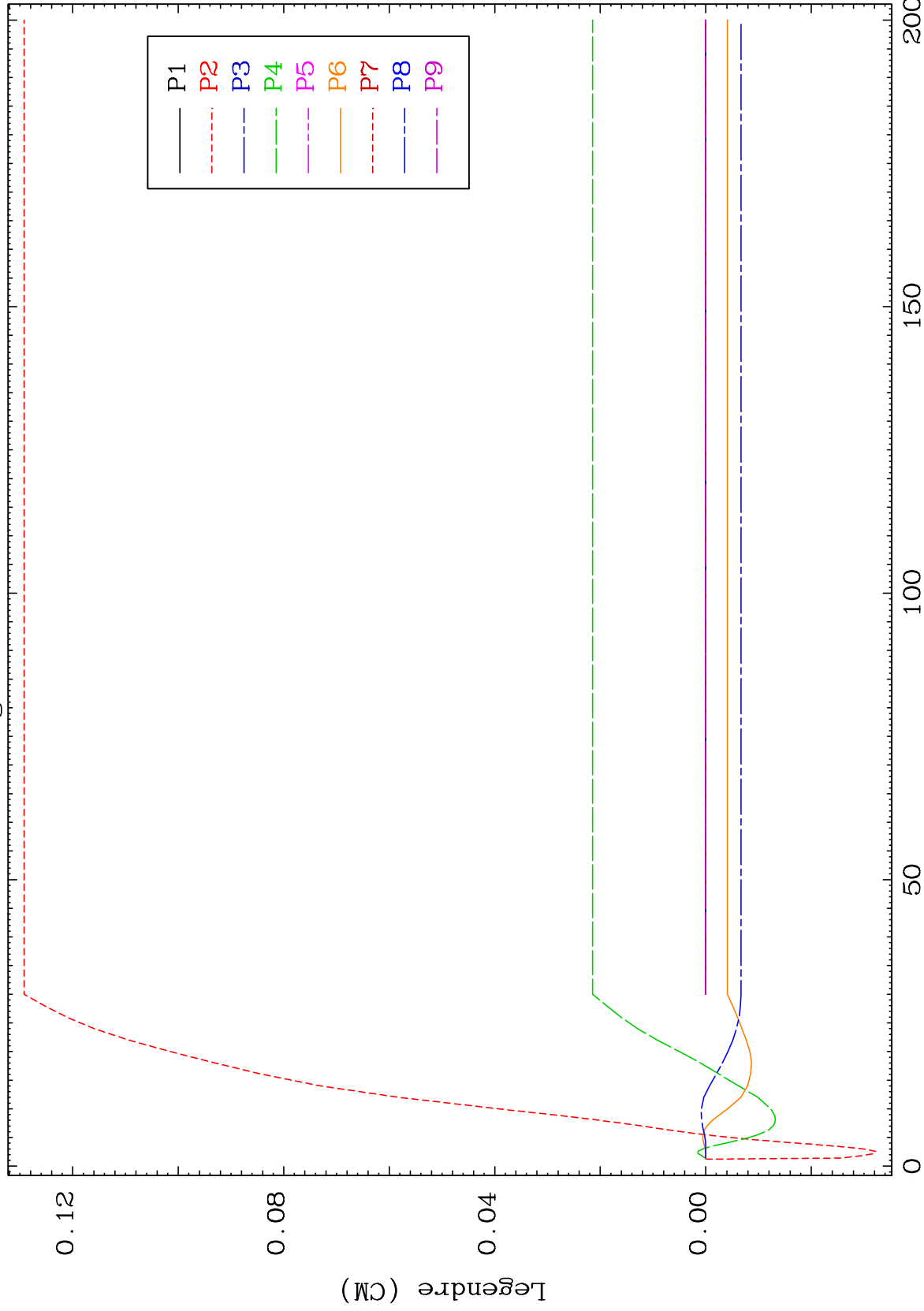
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



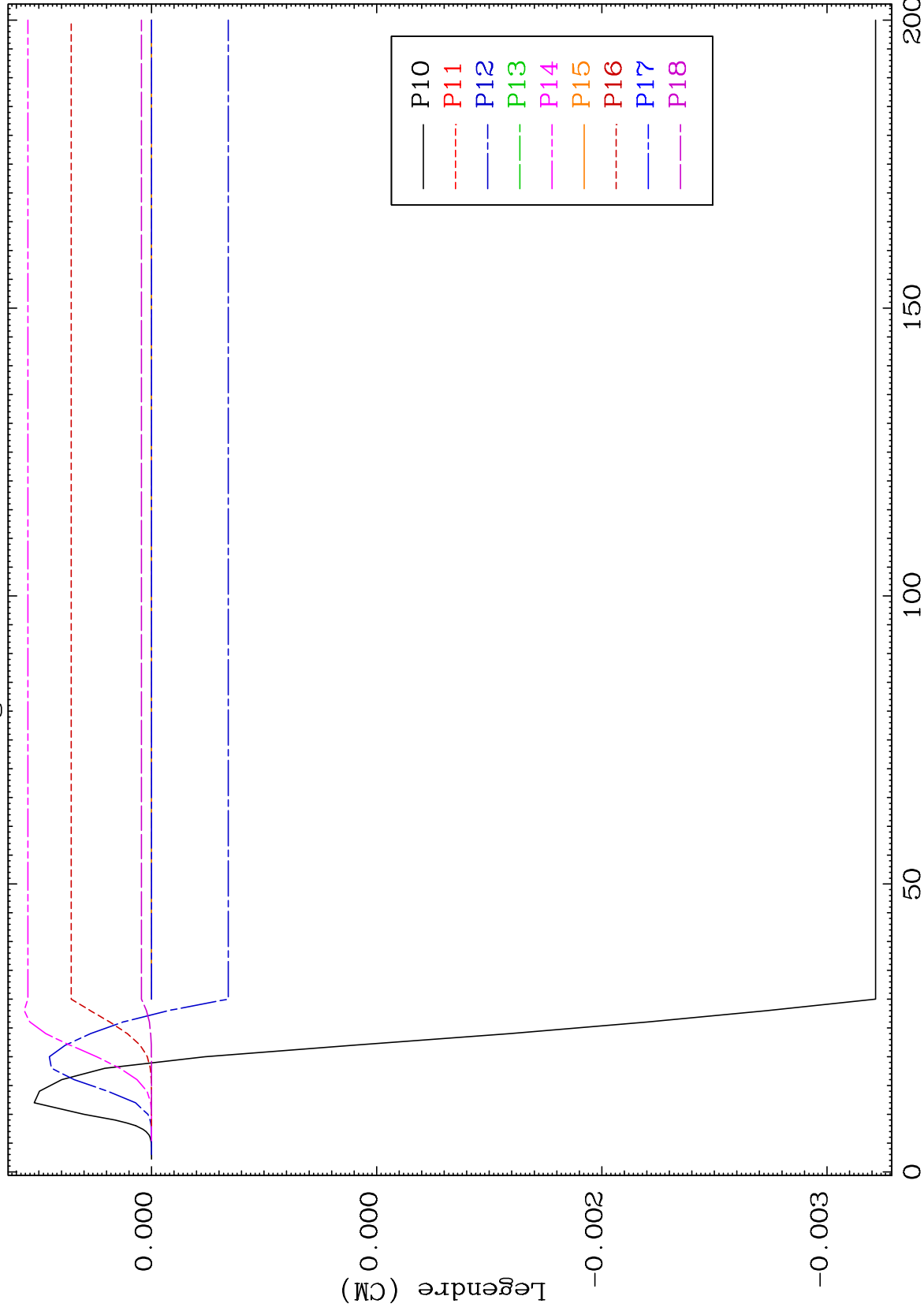
113

47-Ag-116

MAT 4752

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

47-Ag-116



114

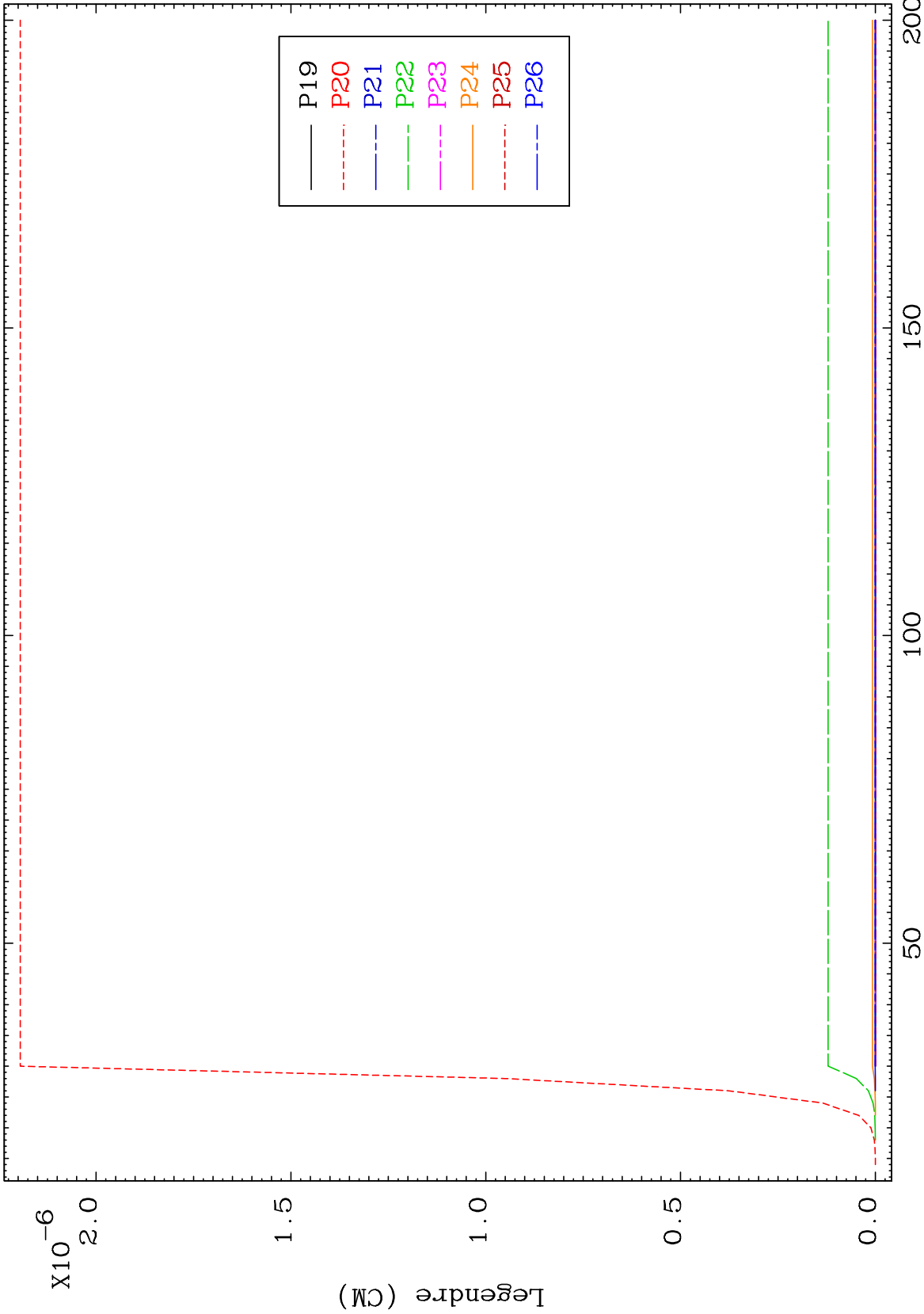
Incident Energy (MeV)

47-Ag-116

MAT 4752

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

47-Ag-116



115

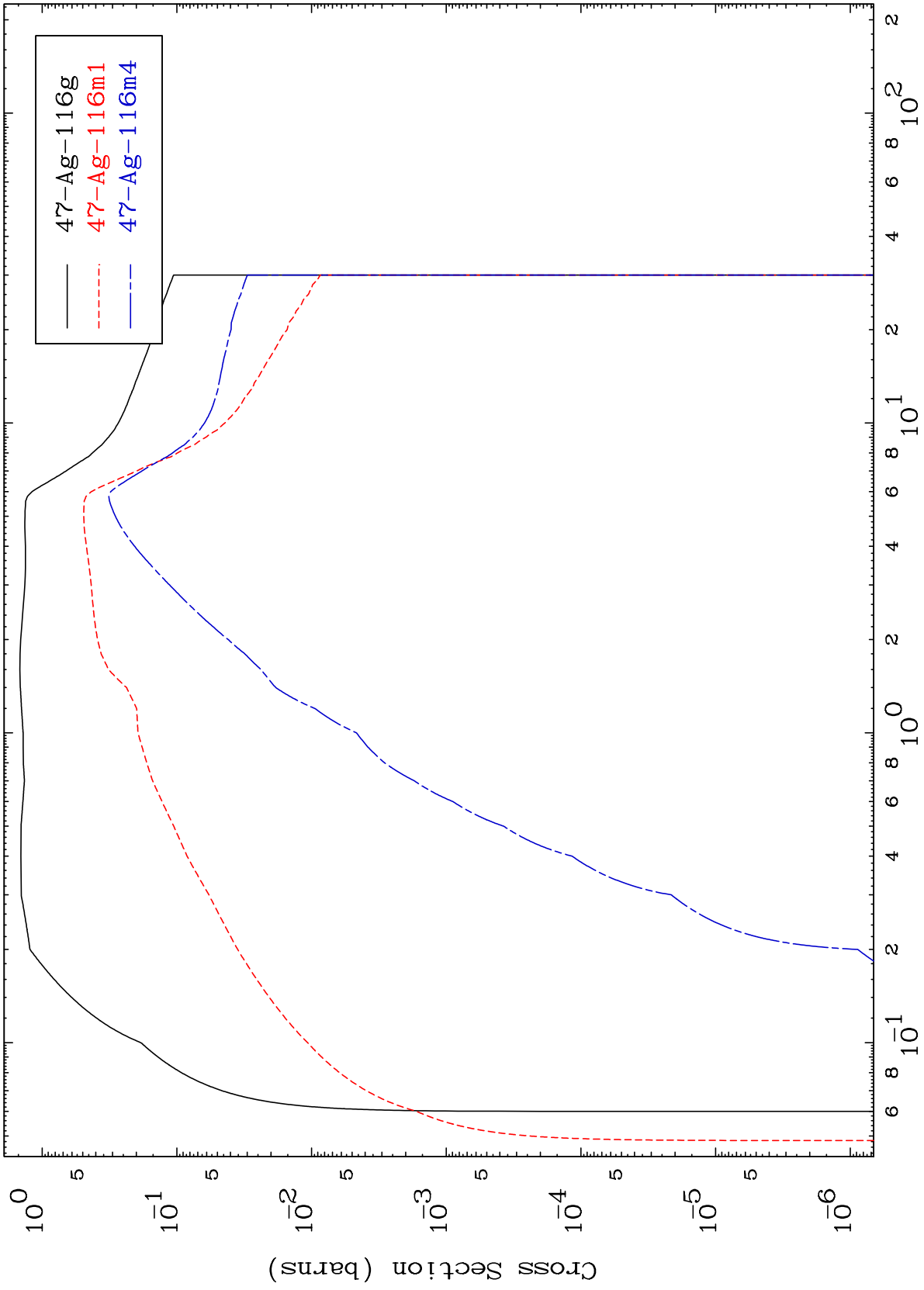
Incident Energy (MeV)

47-Ag-116

MAT 4752

47-Ag-116

Inelastic Radionuclide Production Cross Section



116

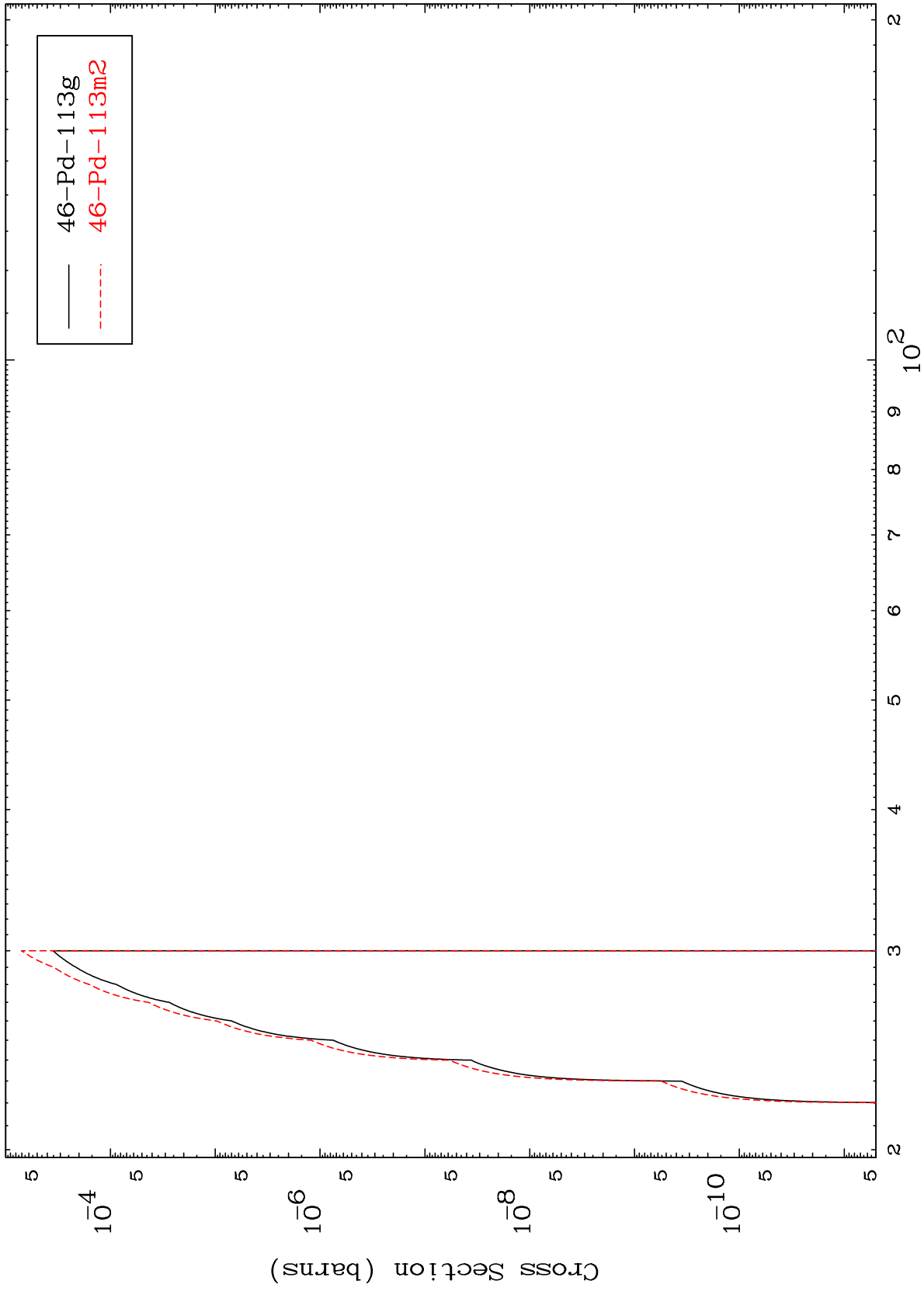
47-Ag-116

MAT 4752

(n,2n) d

47-Ag-116

Radionuclide Production Cross Section



117

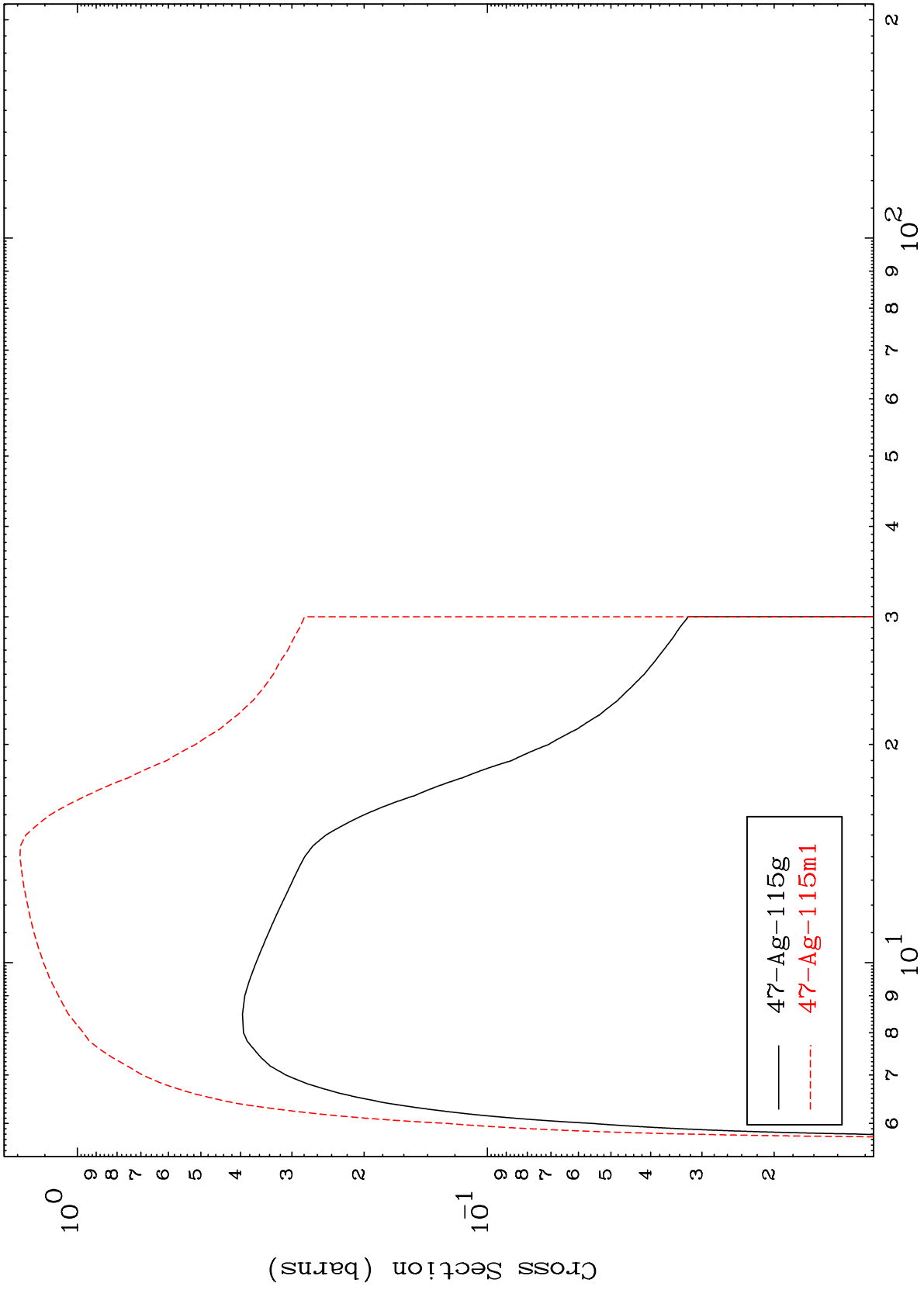
Incident Energy (MeV)

47-Ag-116

MAT 4752

47-Ag-116

(n,2n)
Radionuclide Production Cross Section



118

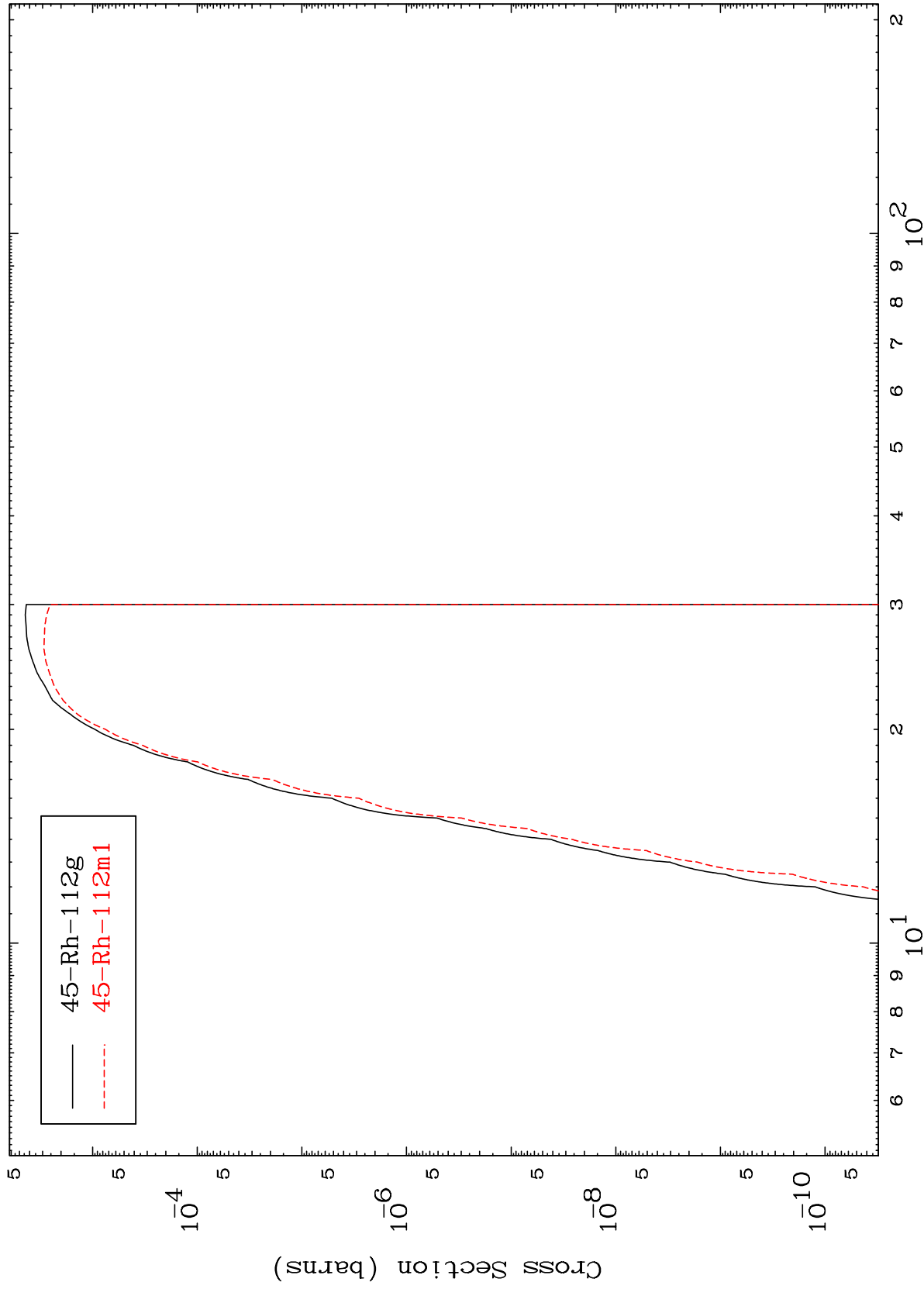
47-Ag-116

MAT 4752

(n,n') α

47-Ag-116

Radionuclide Production Cross Section



119

Incident Energy (MeV)

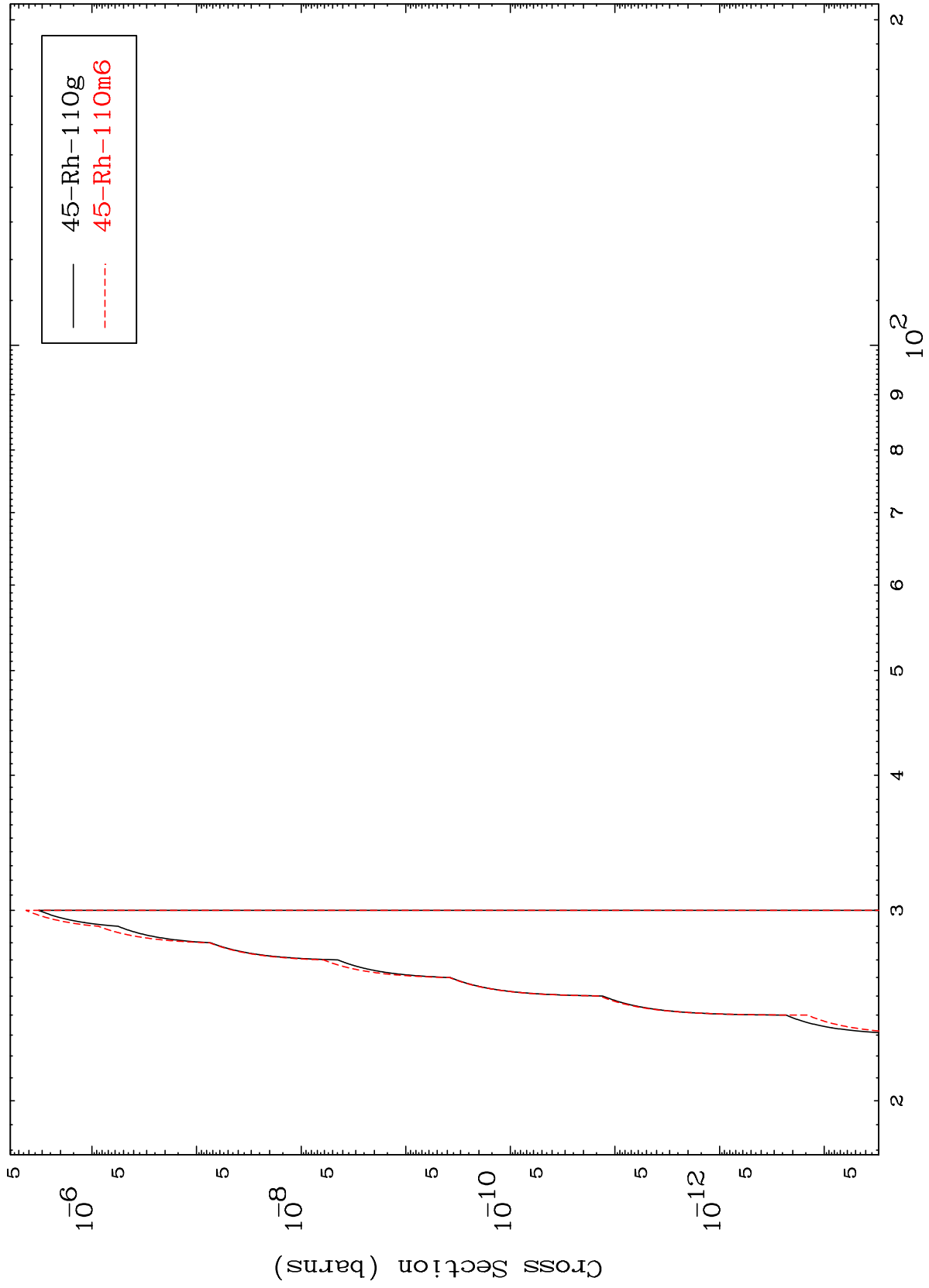
47-Ag-116

MAT 4752

(n,3n) α

47-Ag-116

Radionuclide Production Cross Section



120

Incident Energy (MeV)

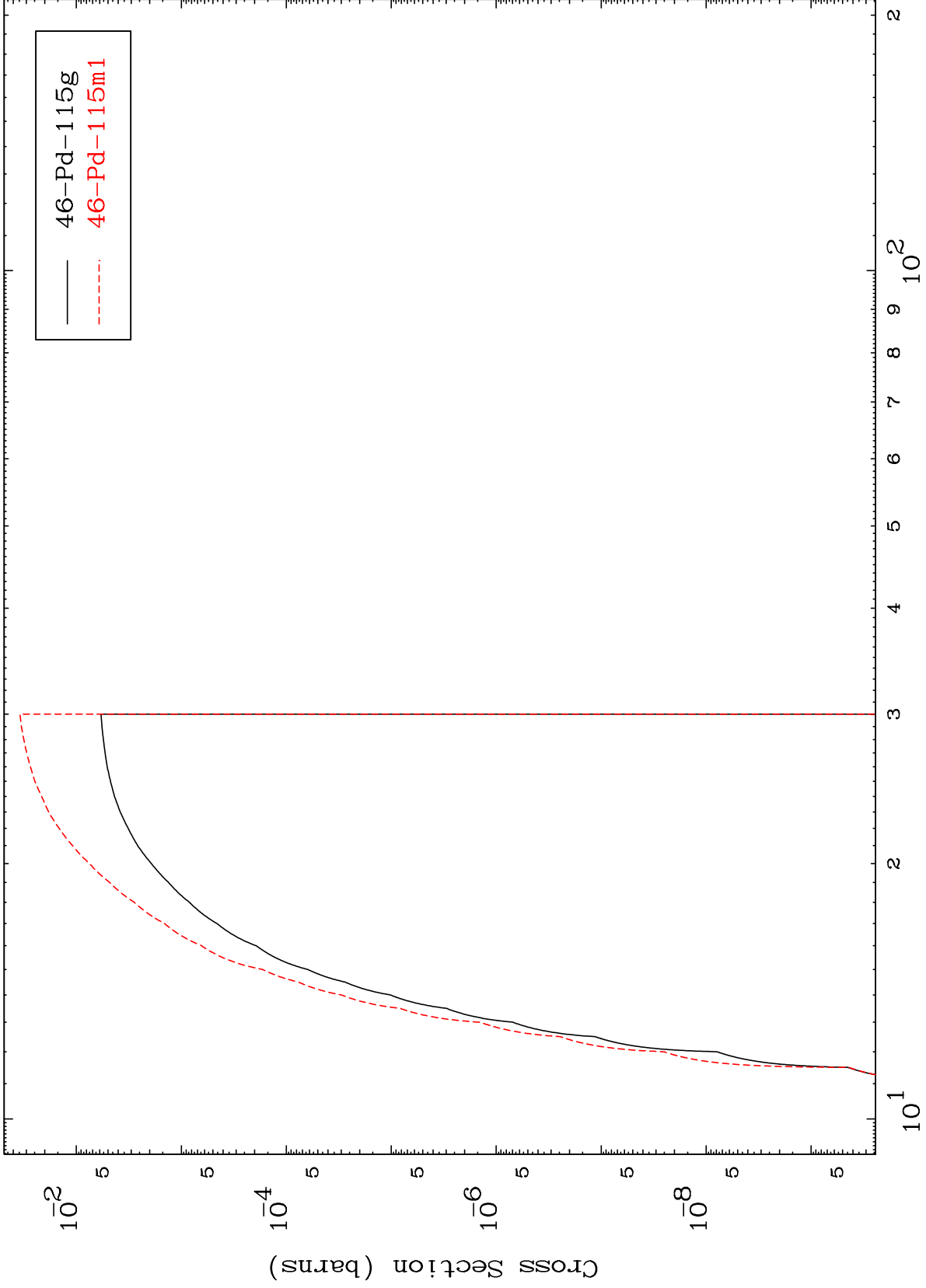
47-Ag-116

MAT 4752

(n,n') p

47-Ag-116

Radionuclide Production Cross Section



121

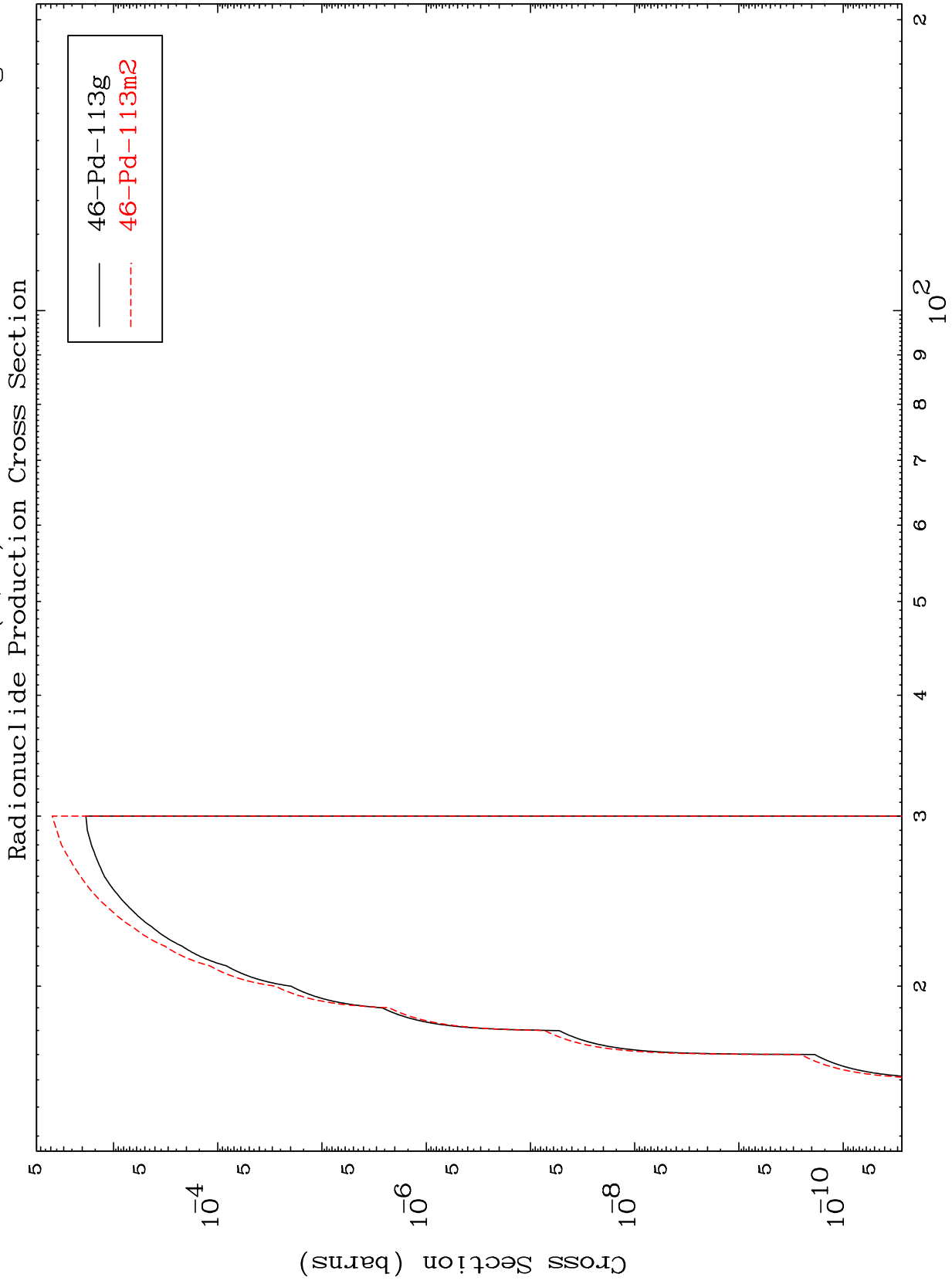
Incident Energy (MeV)

47-Ag-116

MAT 4752

(n,n') t

47-Ag-116



122

Incident Energy (MeV)

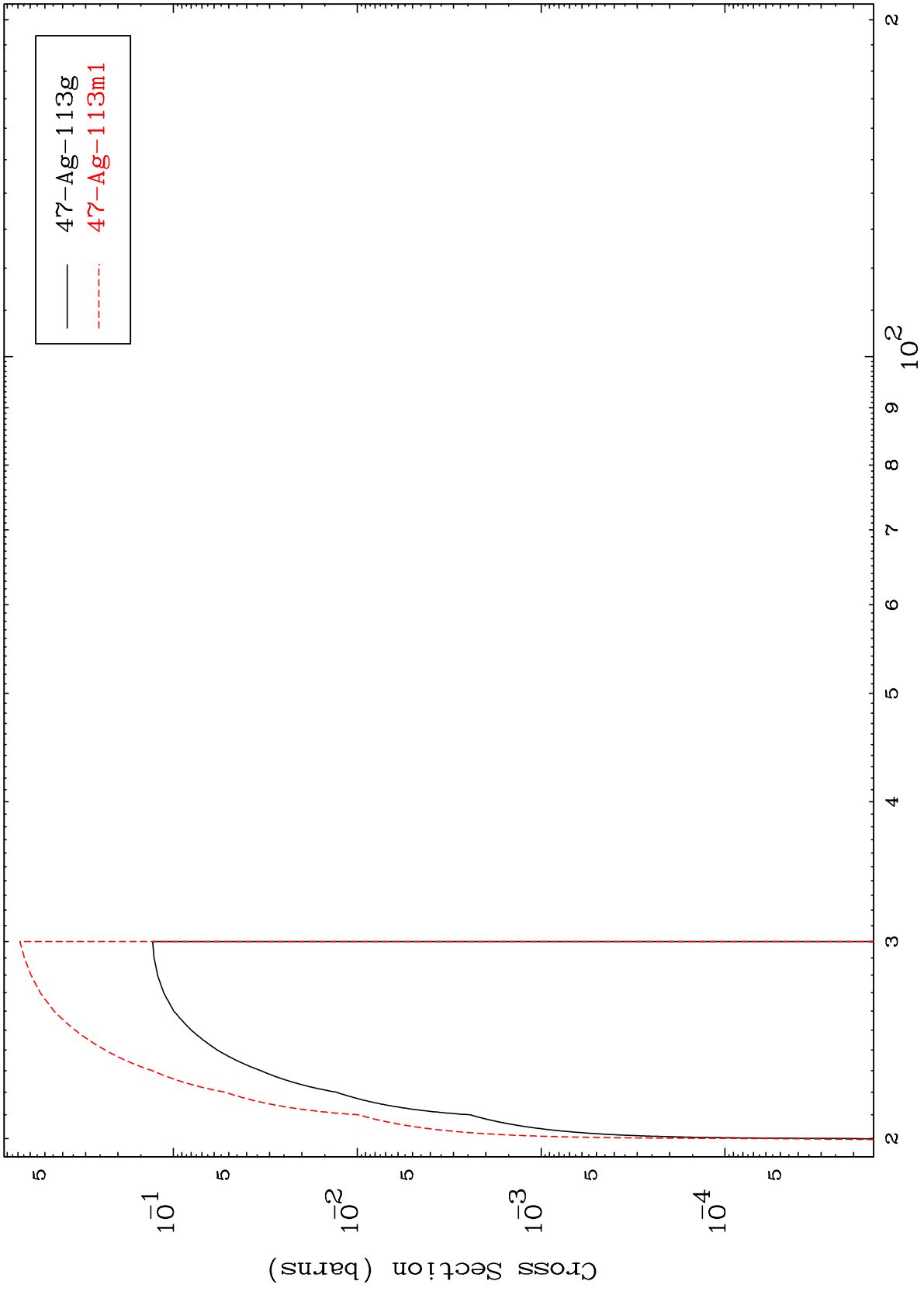
47-Ag-116

MAT 4752

(n, 4n)

47-Ag-116

Radionuclide Production Cross Section



123

Incident Energy (MeV)

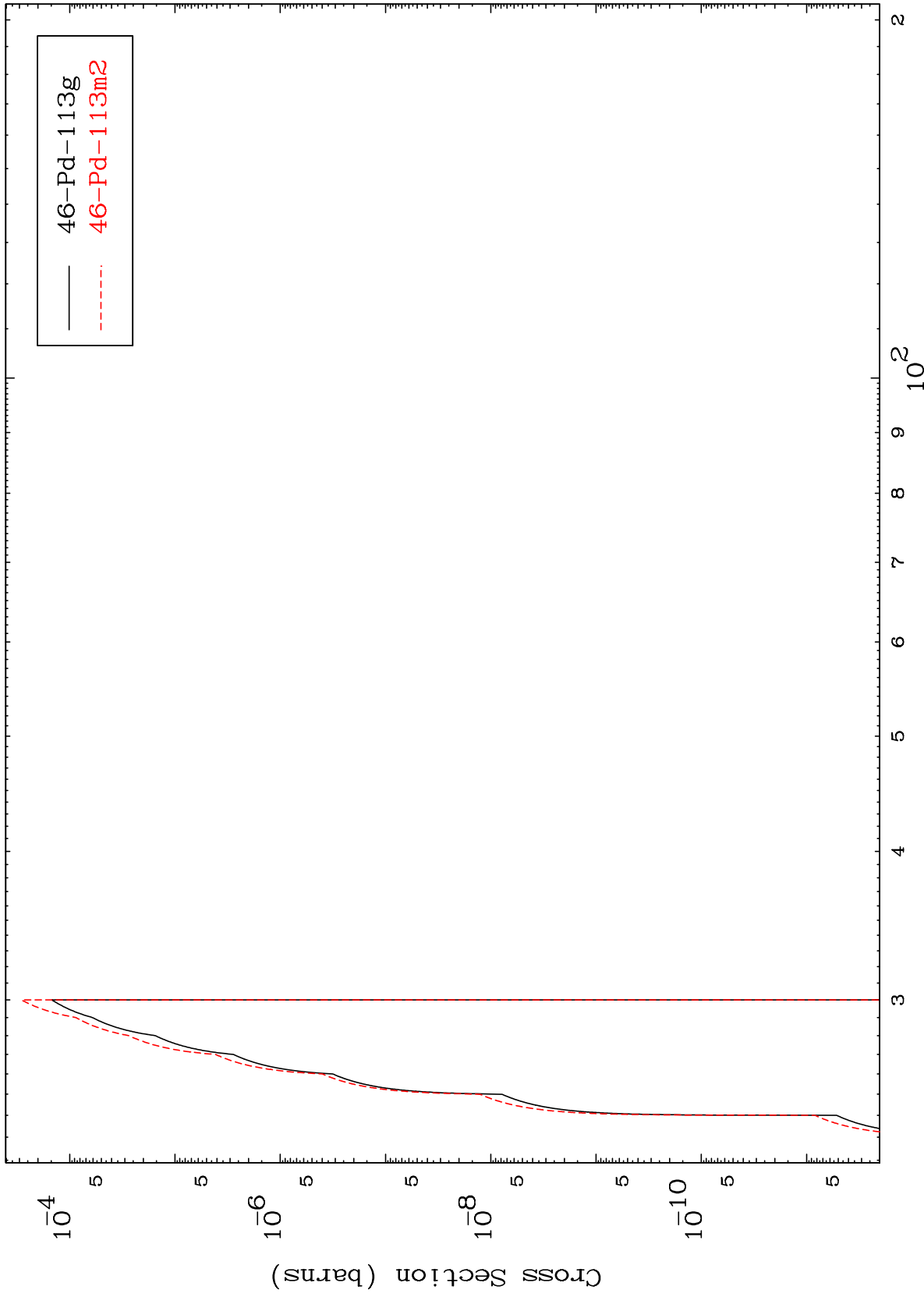
47-Ag-116

MAT 4752

(n,3n) p

47-Ag-116

Radionuclide Production Cross Section



124

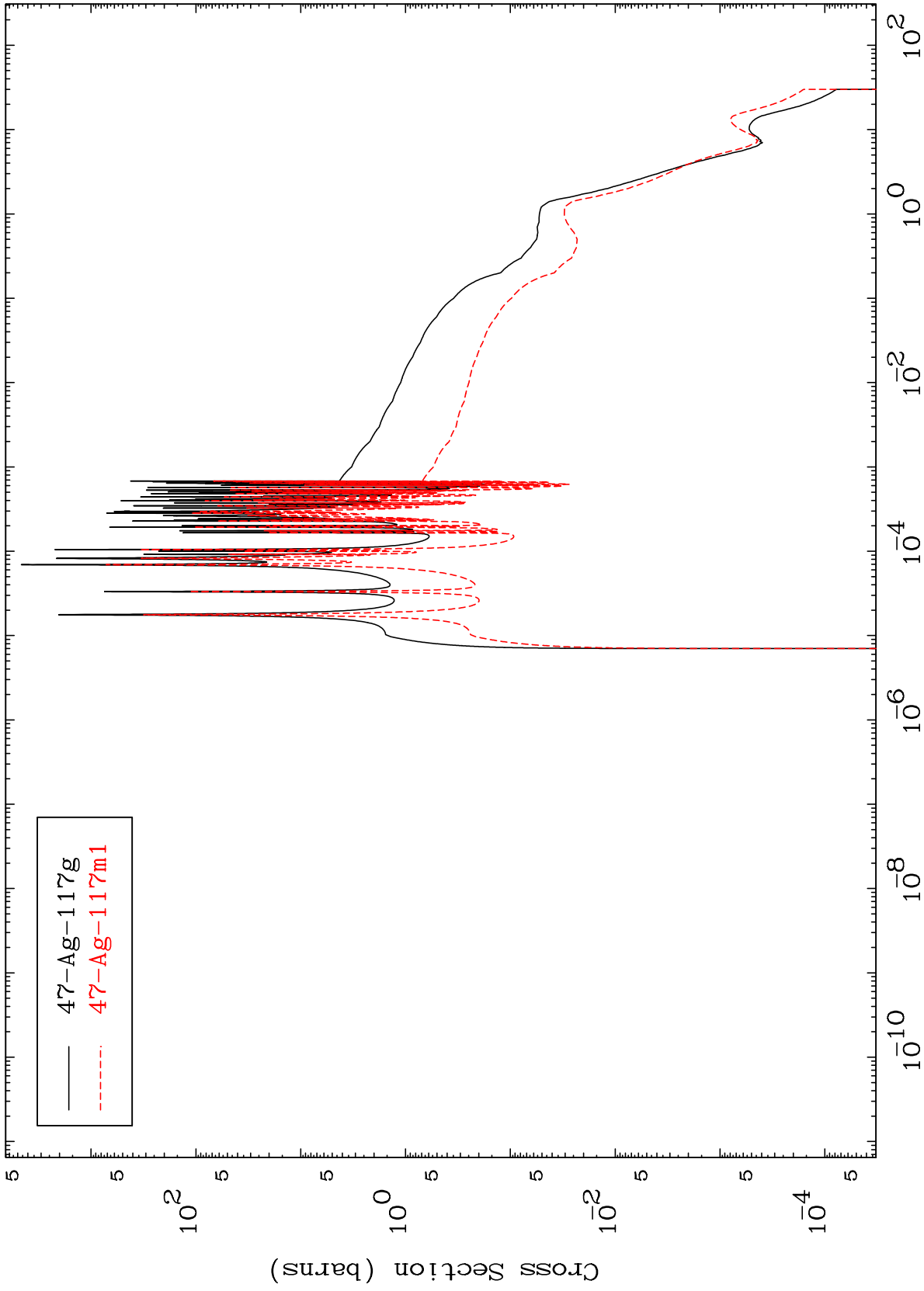
Incident Energy (MeV)

47-Ag-116

MAT 4752

47-Ag-116

(n,γ)
Radionuclide Production Cross Section



125

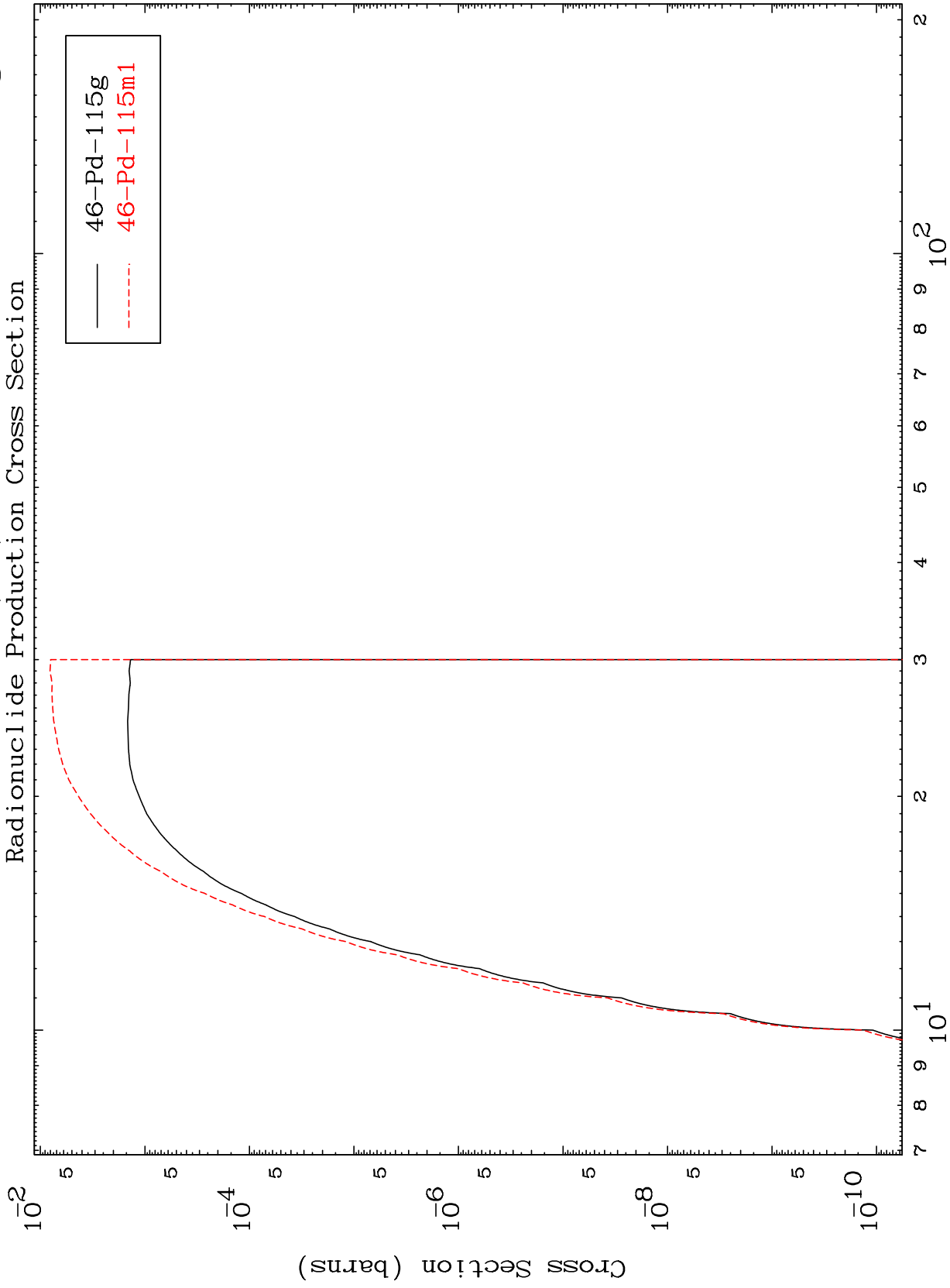
Incident Energy (MeV)

47-Ag-116

MAT 4752

47-Ag-116

(n,d)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

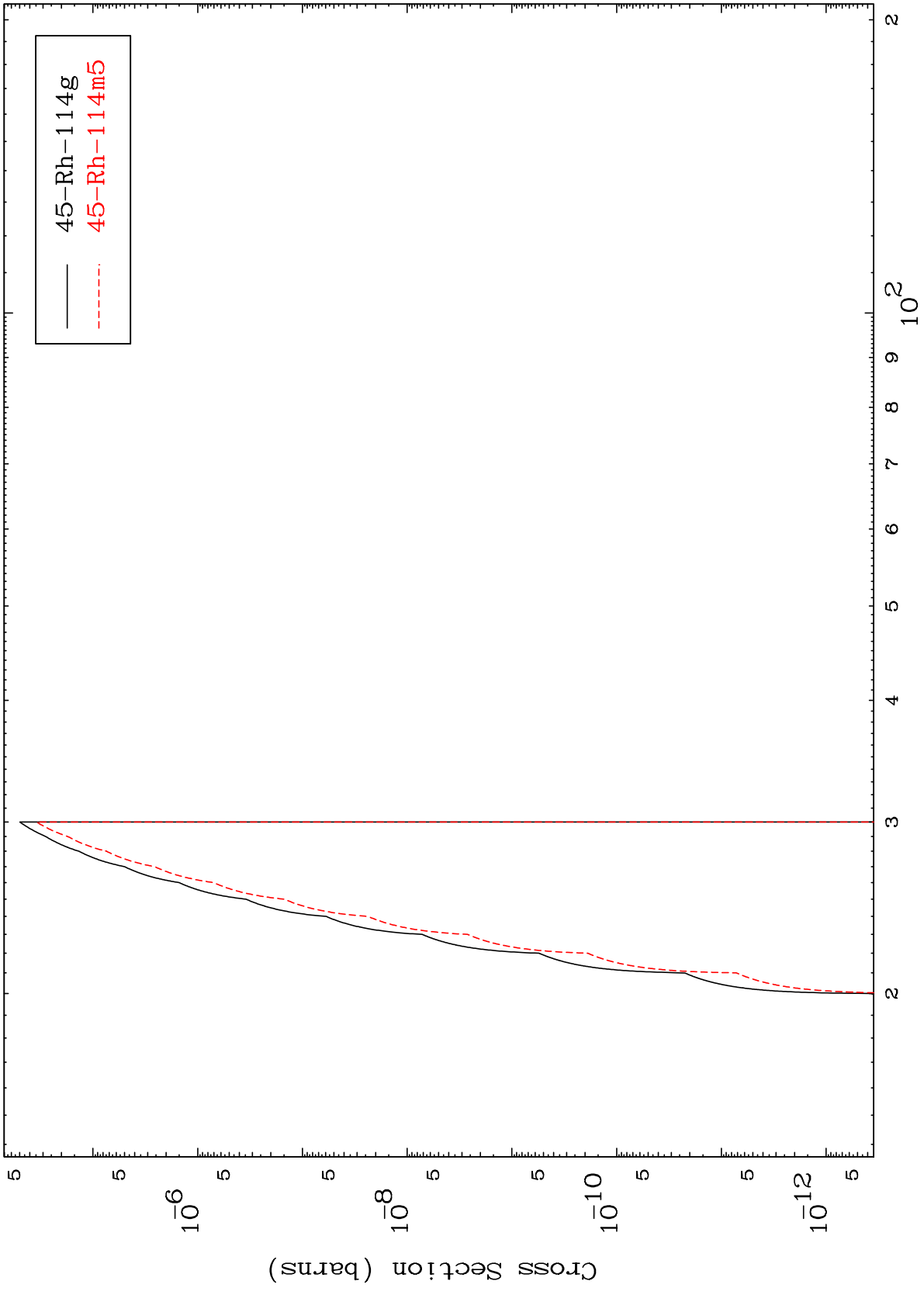
47-Ag-116

MAT 4752

(n, He-3)

47-Ag-116

Radionuclide Production Cross Section



45-Rh-114g
45-Rh-114m5

127

Incident Energy (MeV)

47-Ag-116