

Program EVALPLOT
(Version 2018-1)

by

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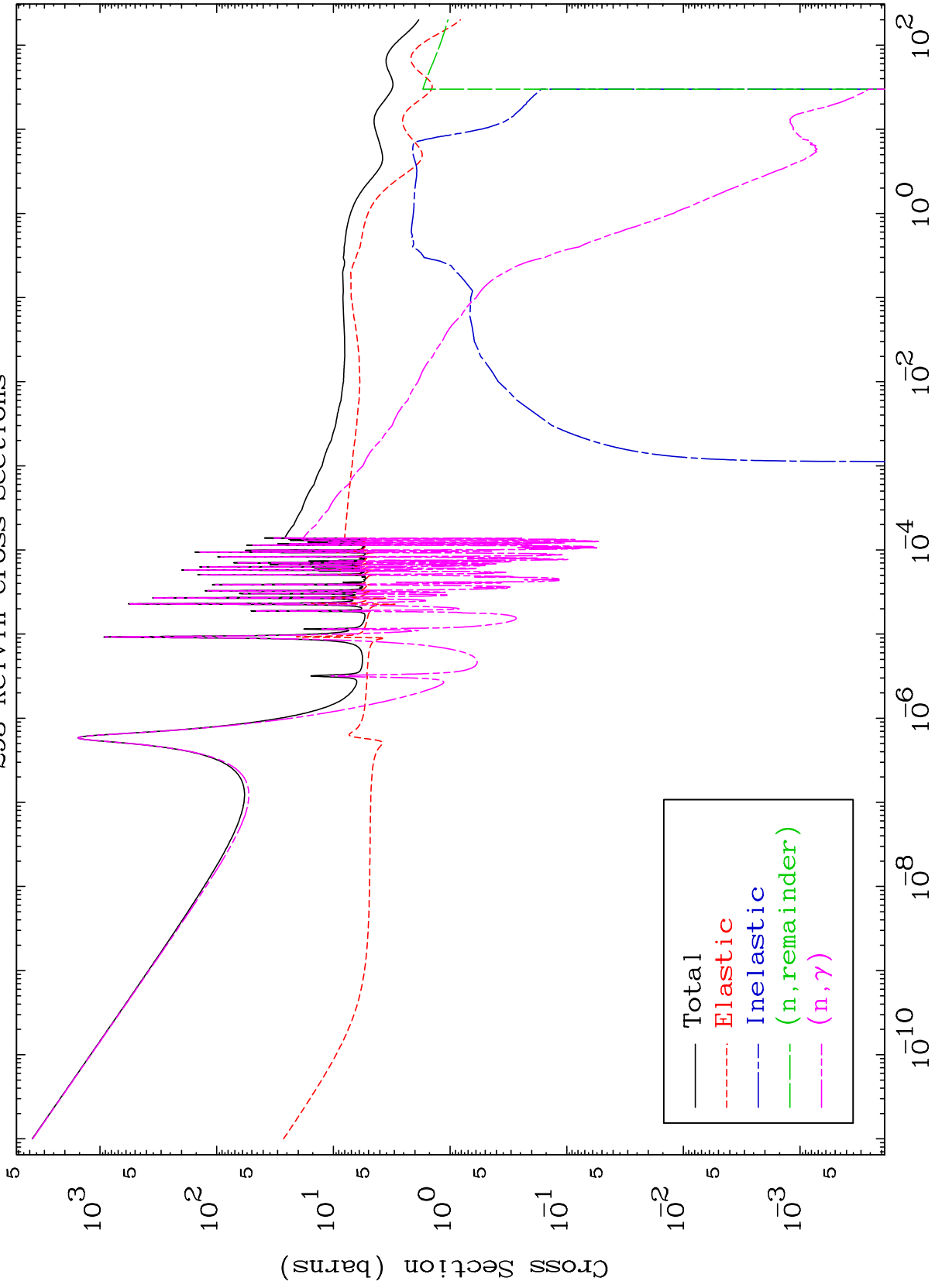
Press Mouse Button to Start

MAT 4734

Major

293 Kelvin Cross Sections

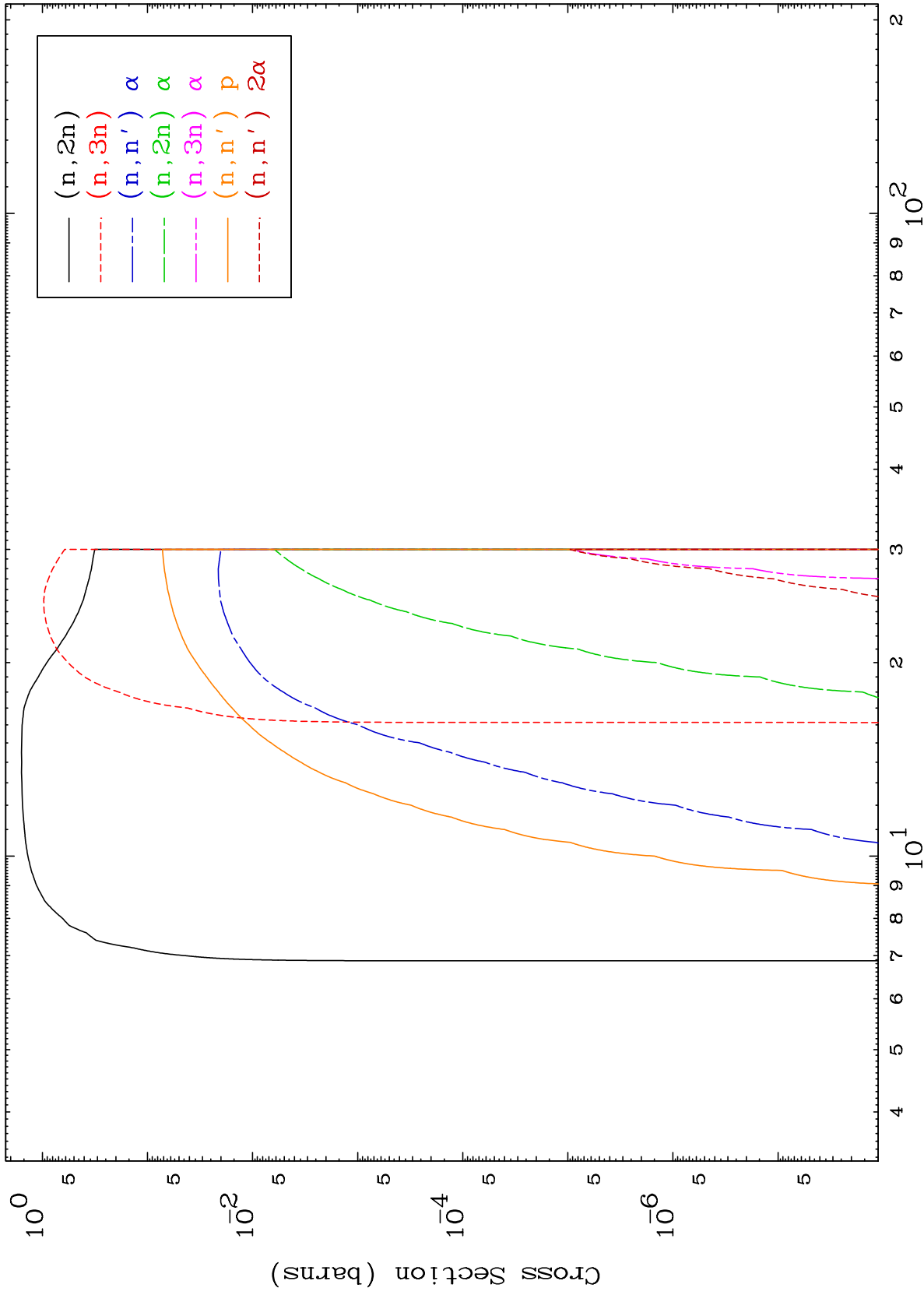
47-Ag-110



MAT 4734

Neutron Production
293 Kelvin Cross Sections

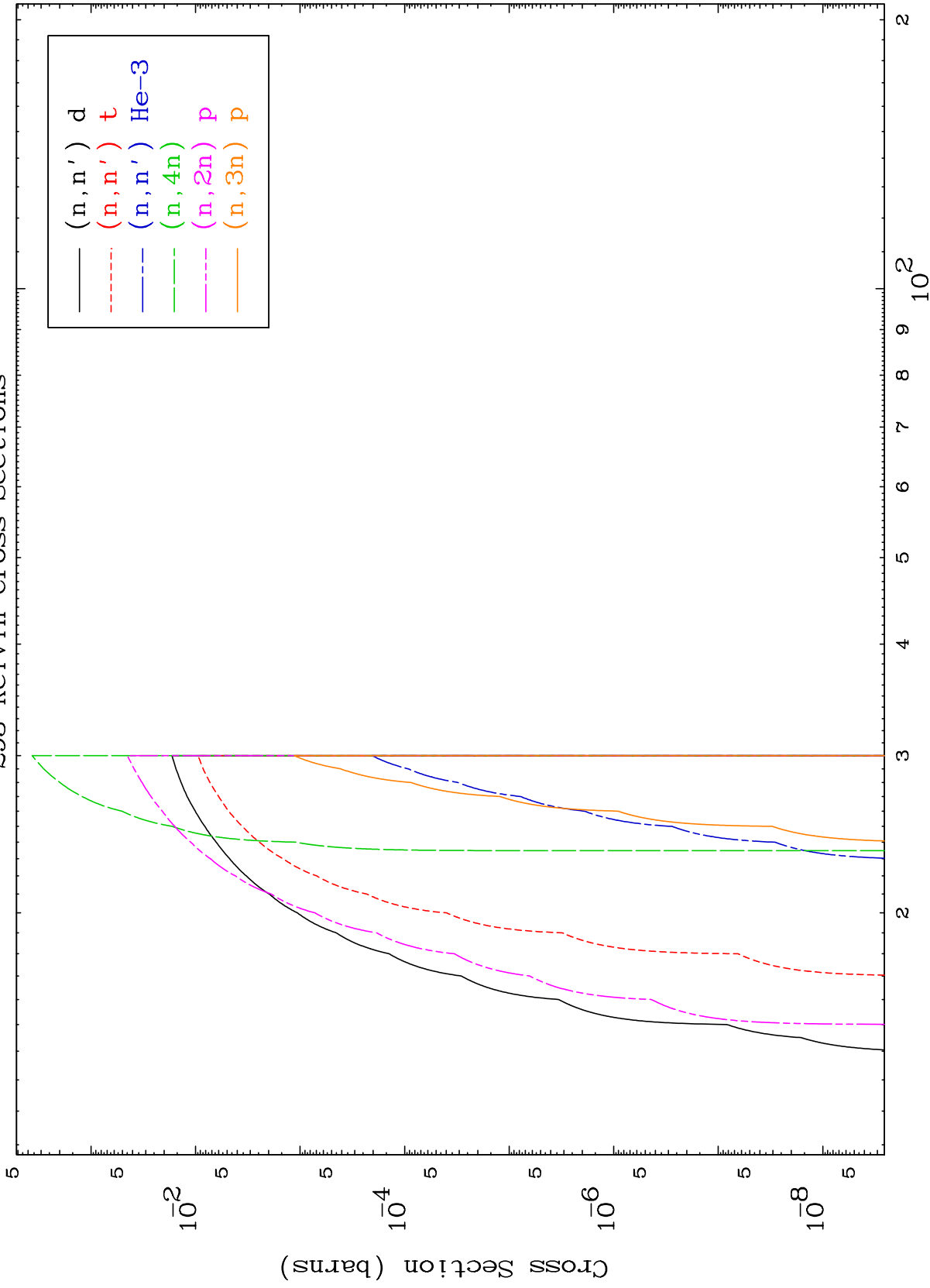
47-Ag-110

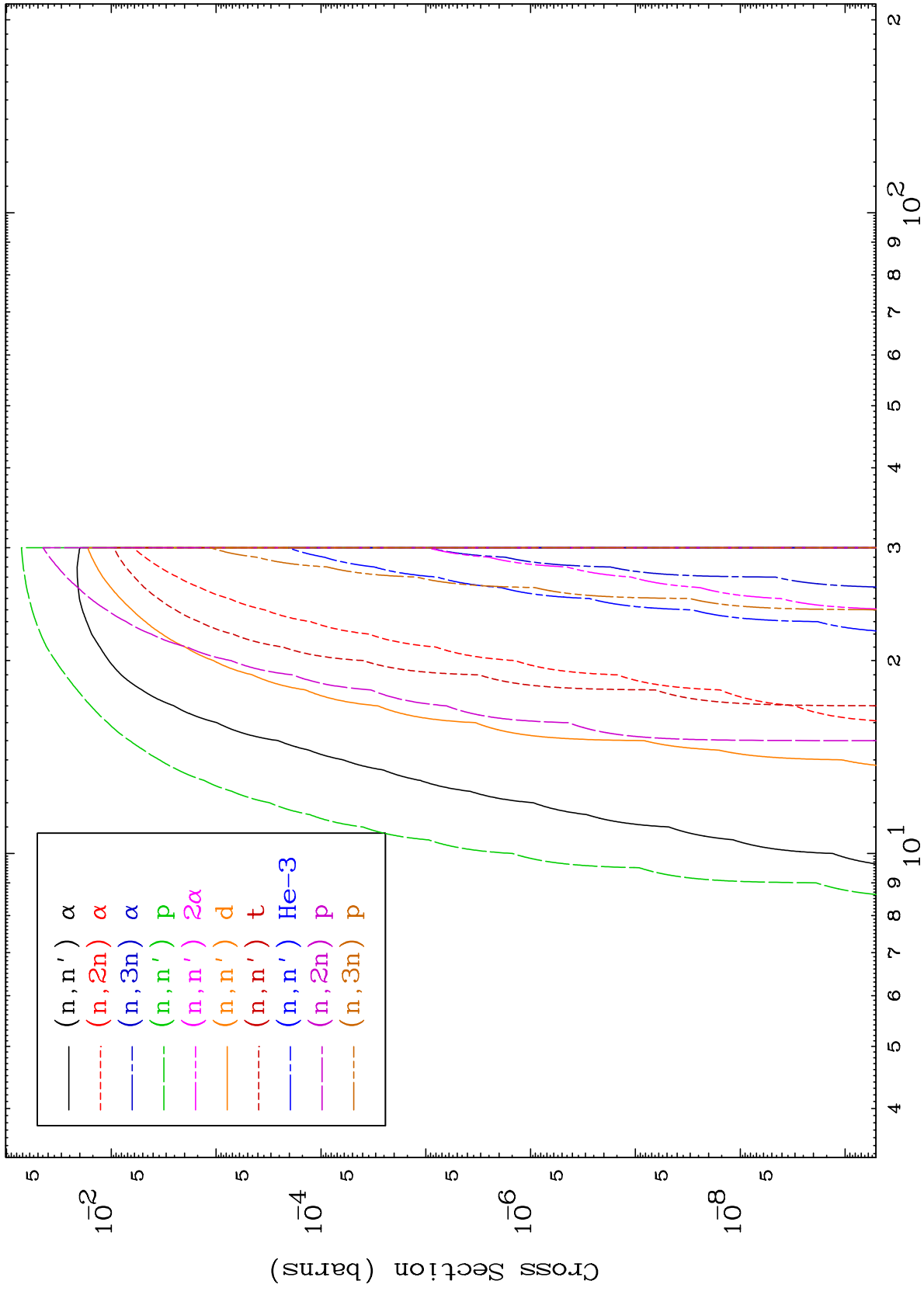


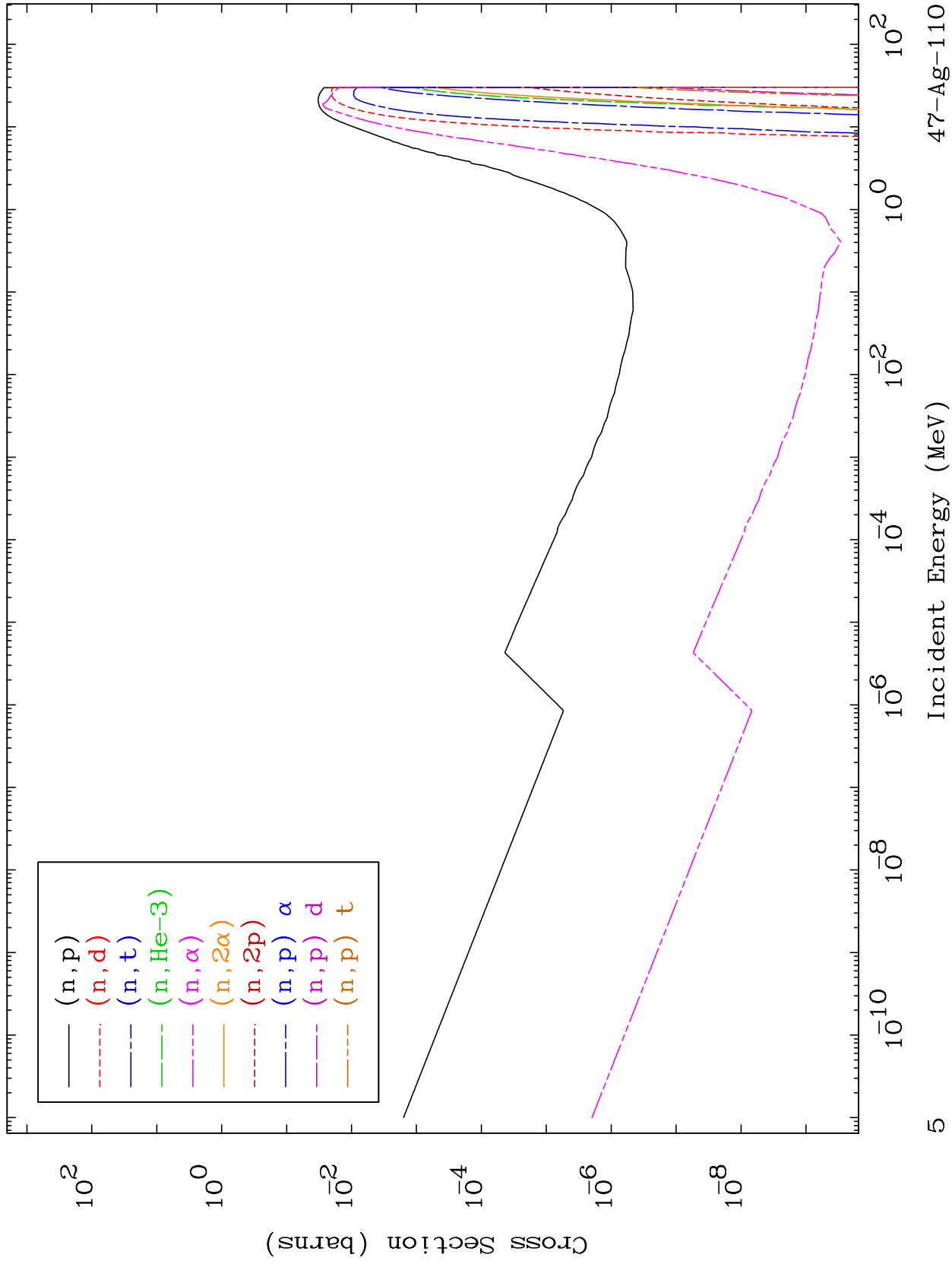
2

Incident Energy (MeV)

47-Ag-110



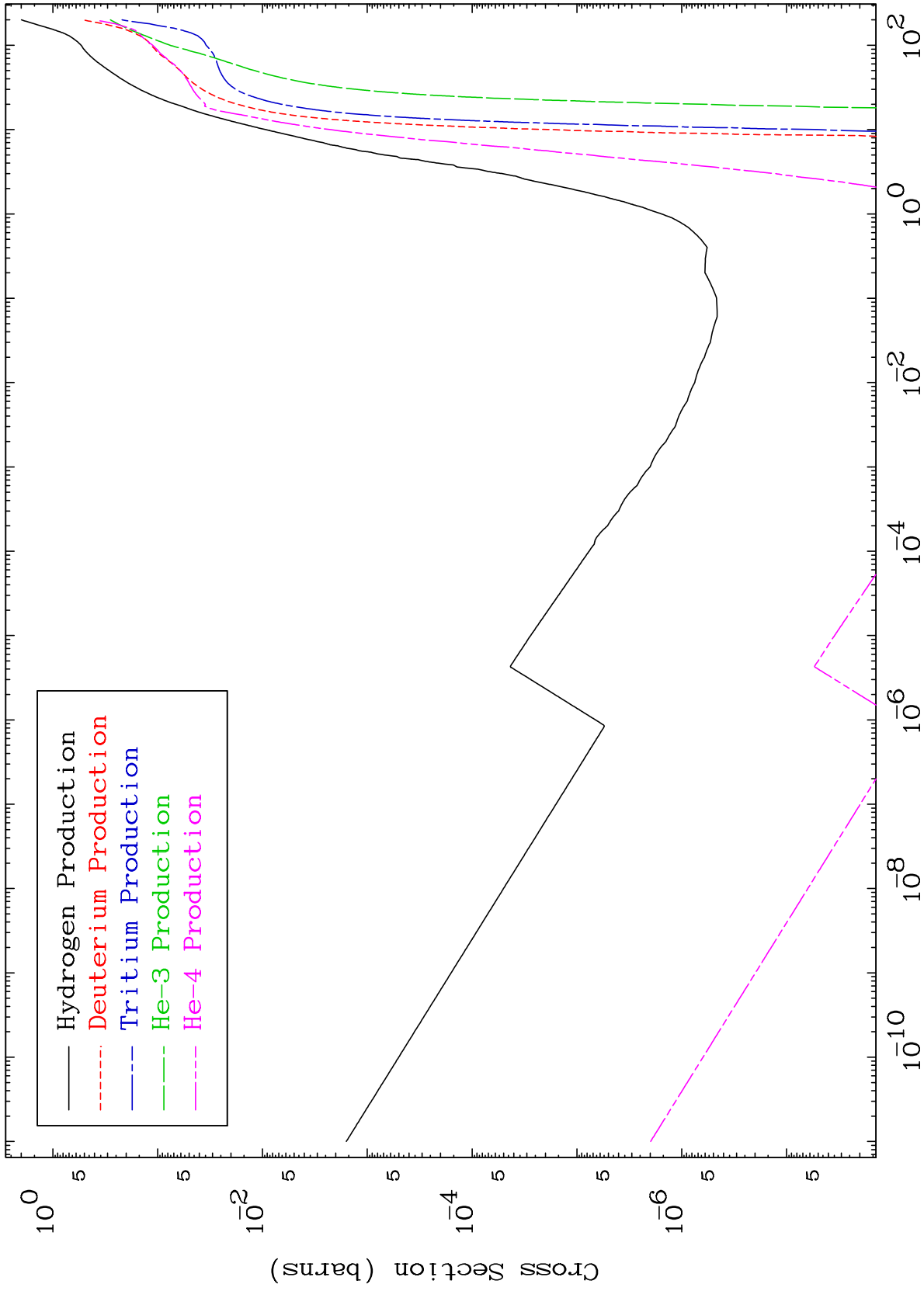




MAT 4734

Particle Production
293 Kelvin Cross Sections

47-Ag-110



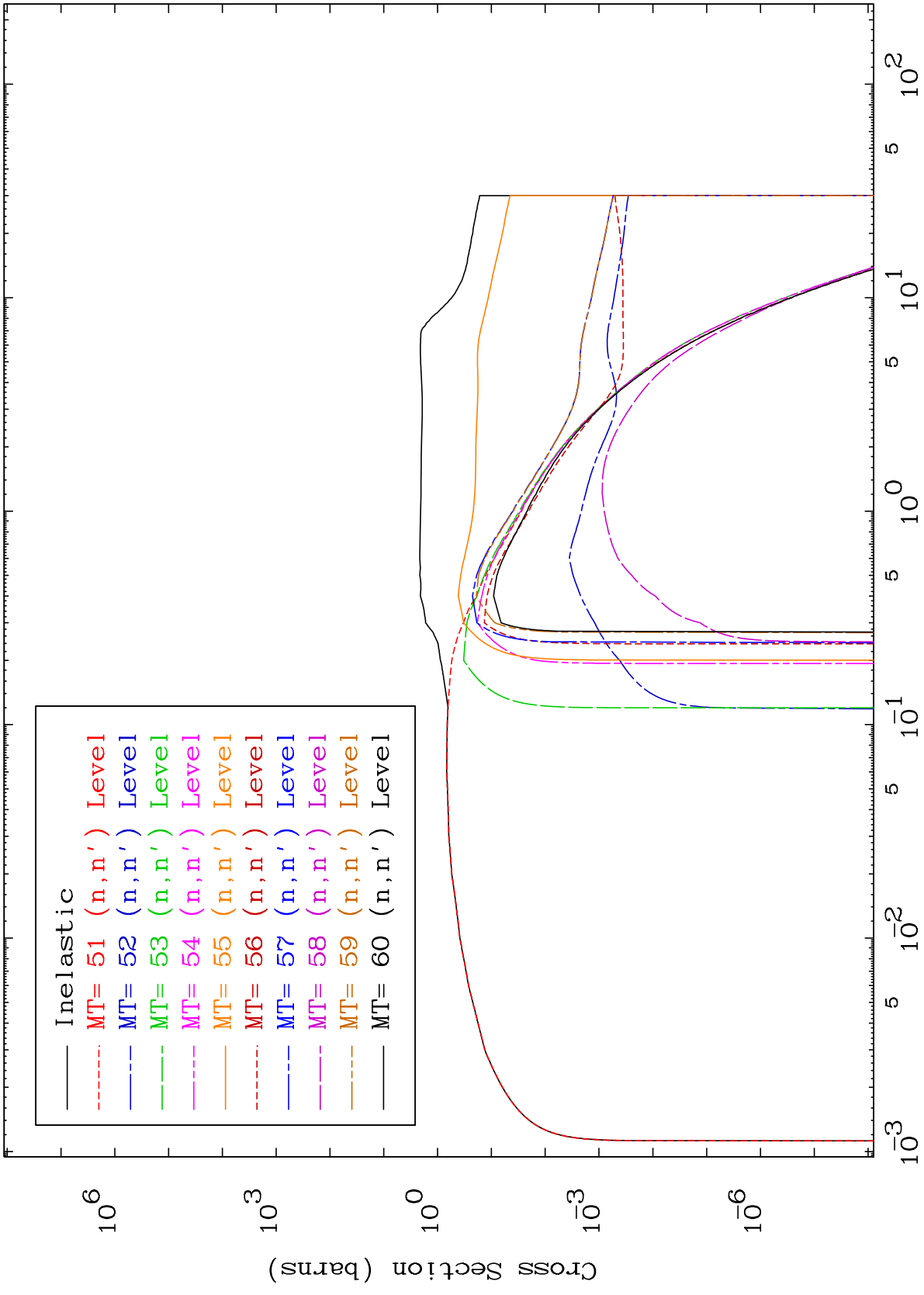
6

47-Ag-110

MAT 4734

(n,n') Level
293 Kelvin Cross Sections

47-Ag-110



7

Incident Energy (MeV)

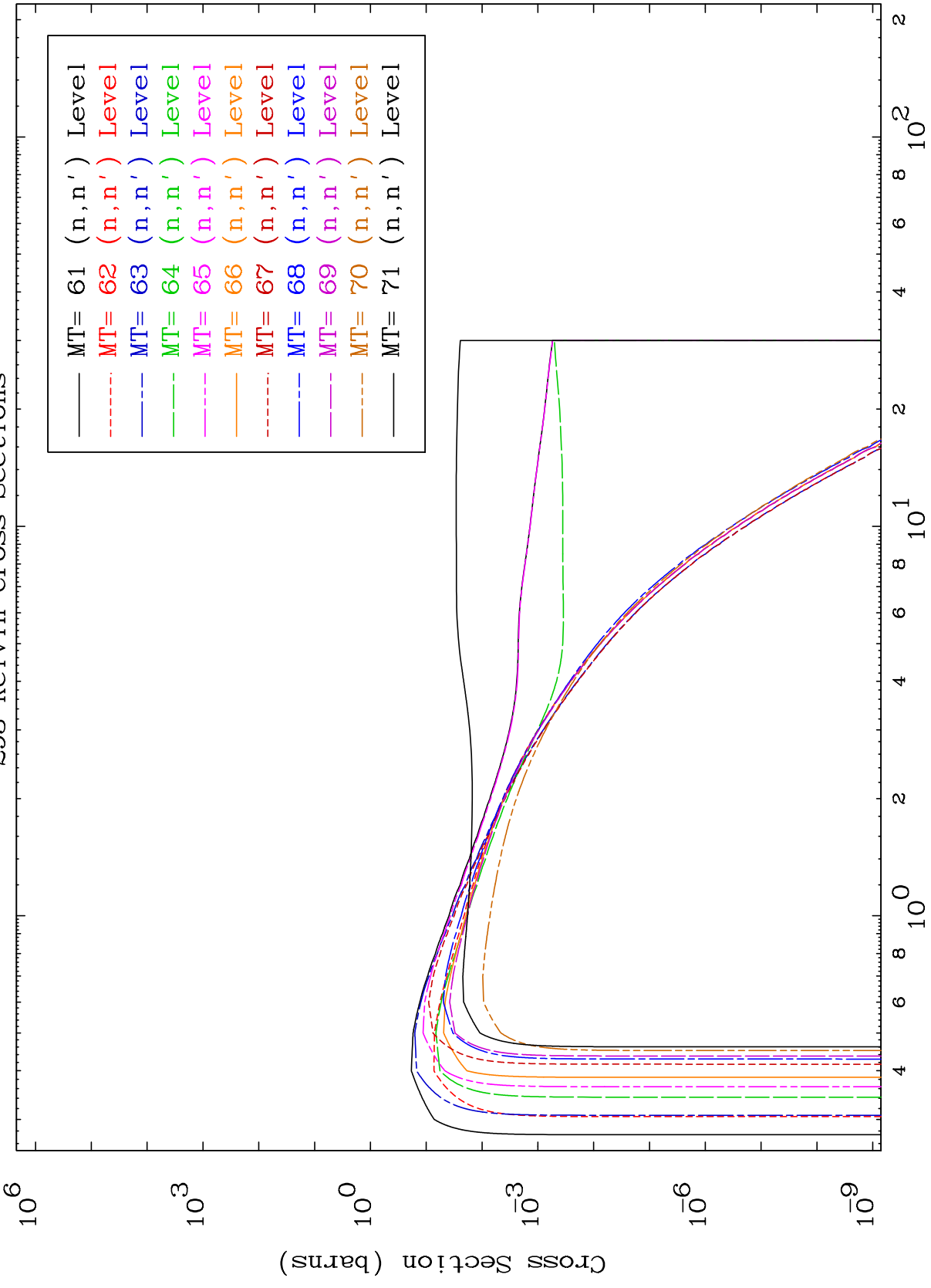
47-Ag-110

MAT 4734

(n,n') Level

47-Ag-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

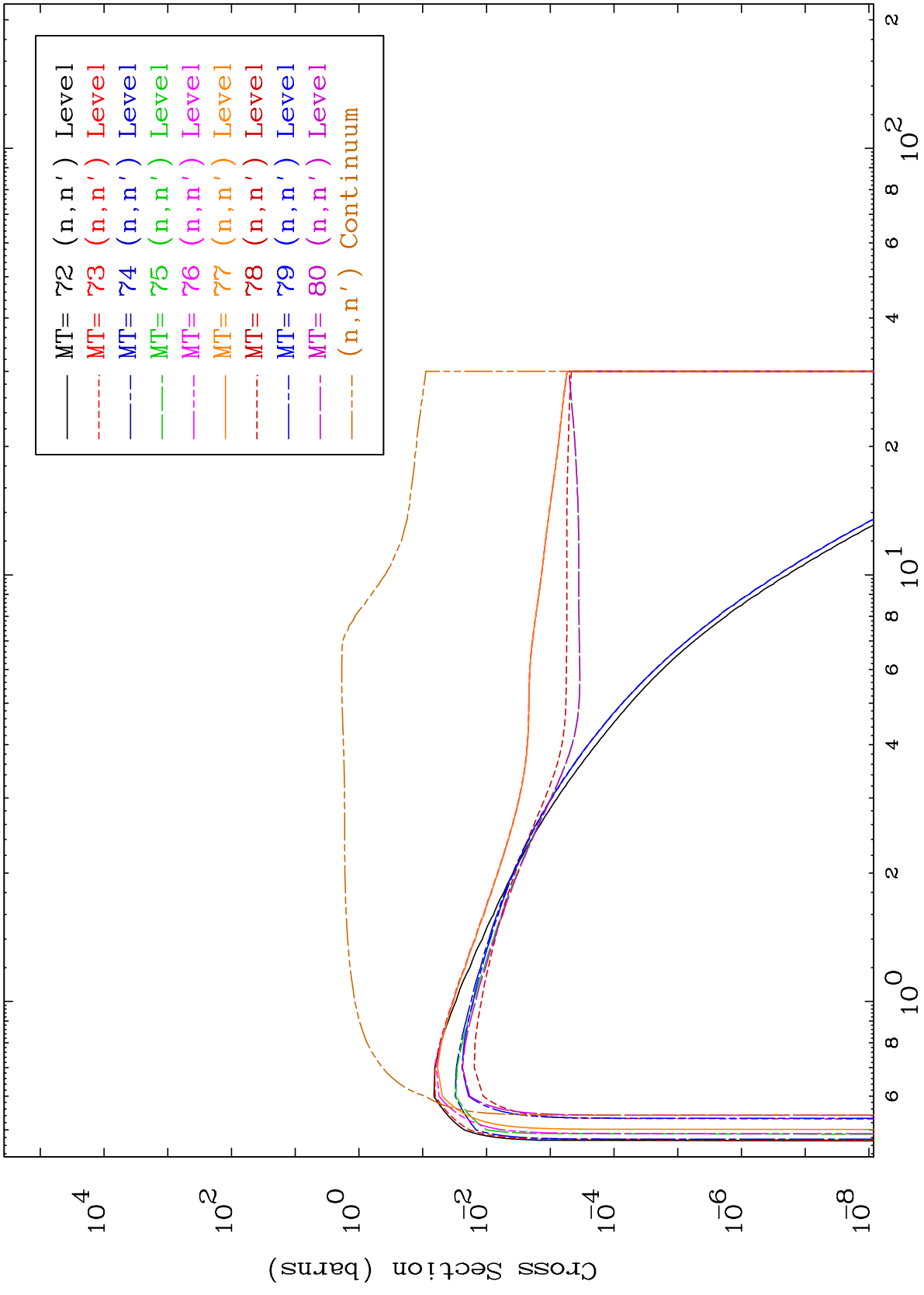
47-Ag-110

MAT 4734

(n,n') Level

47-Ag-110

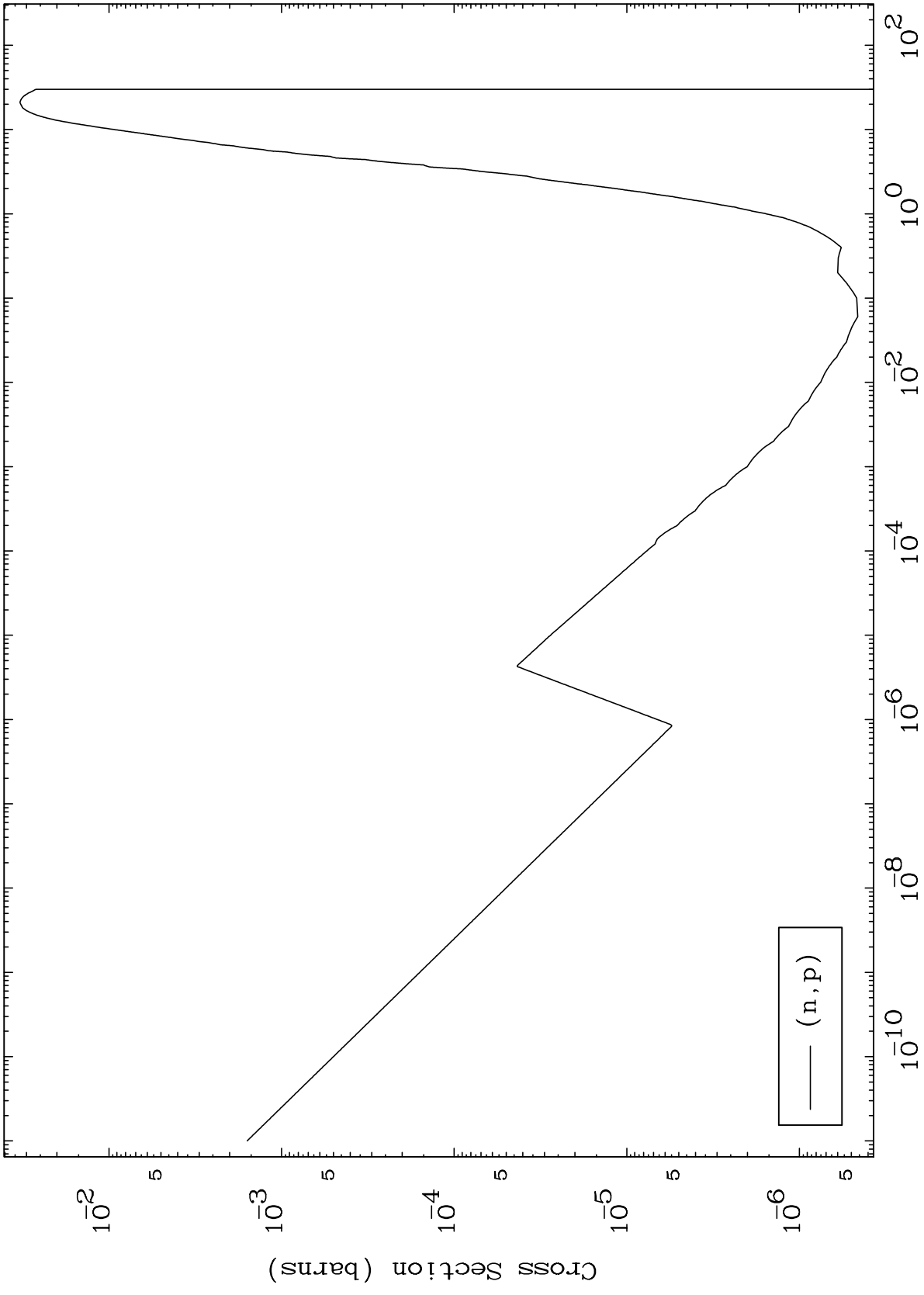
293 Kelvin Cross Sections



MAT 4734

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-110



10

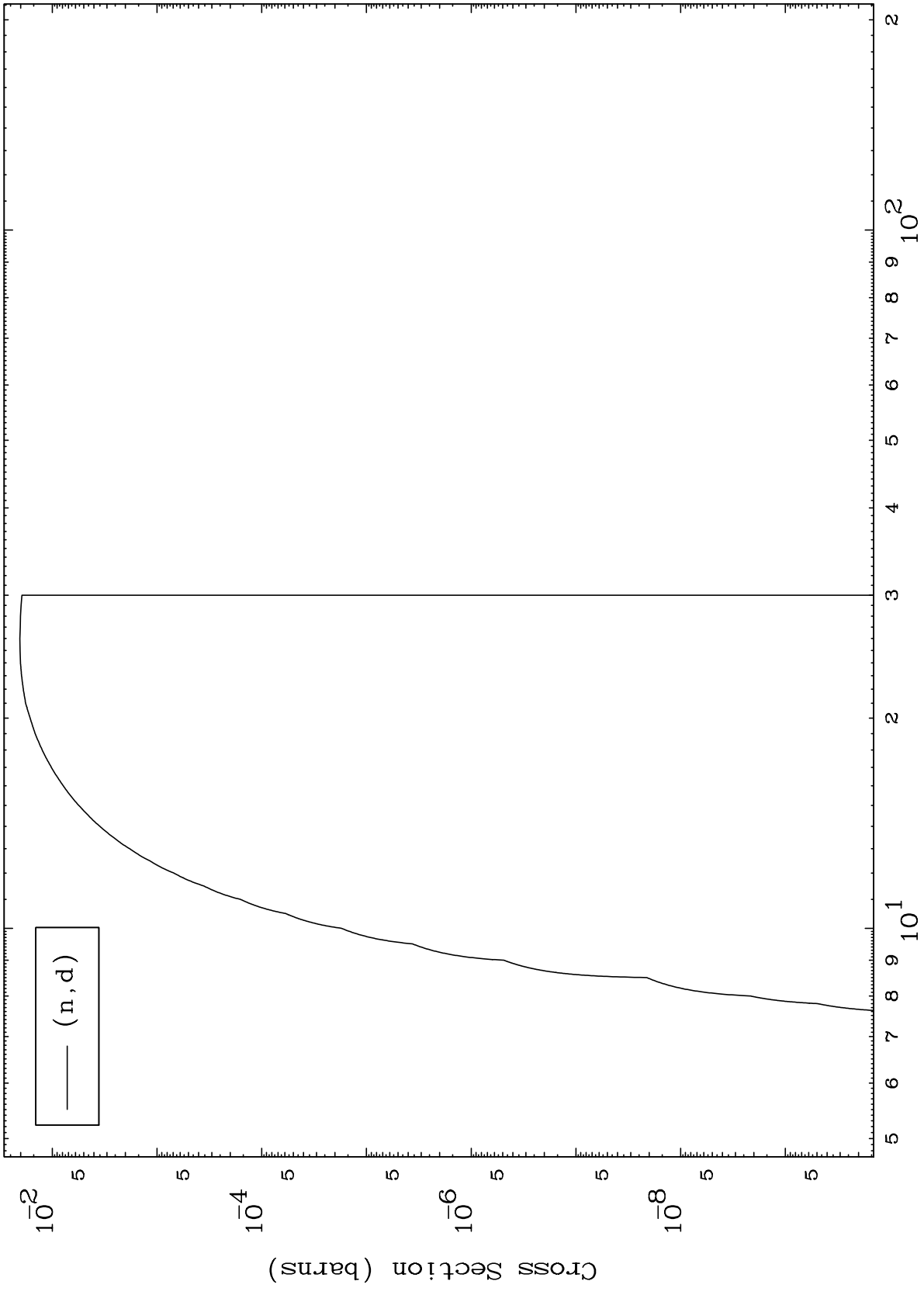
Incident Energy (MeV)

47-Ag-110

MAT 4734

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-110



11

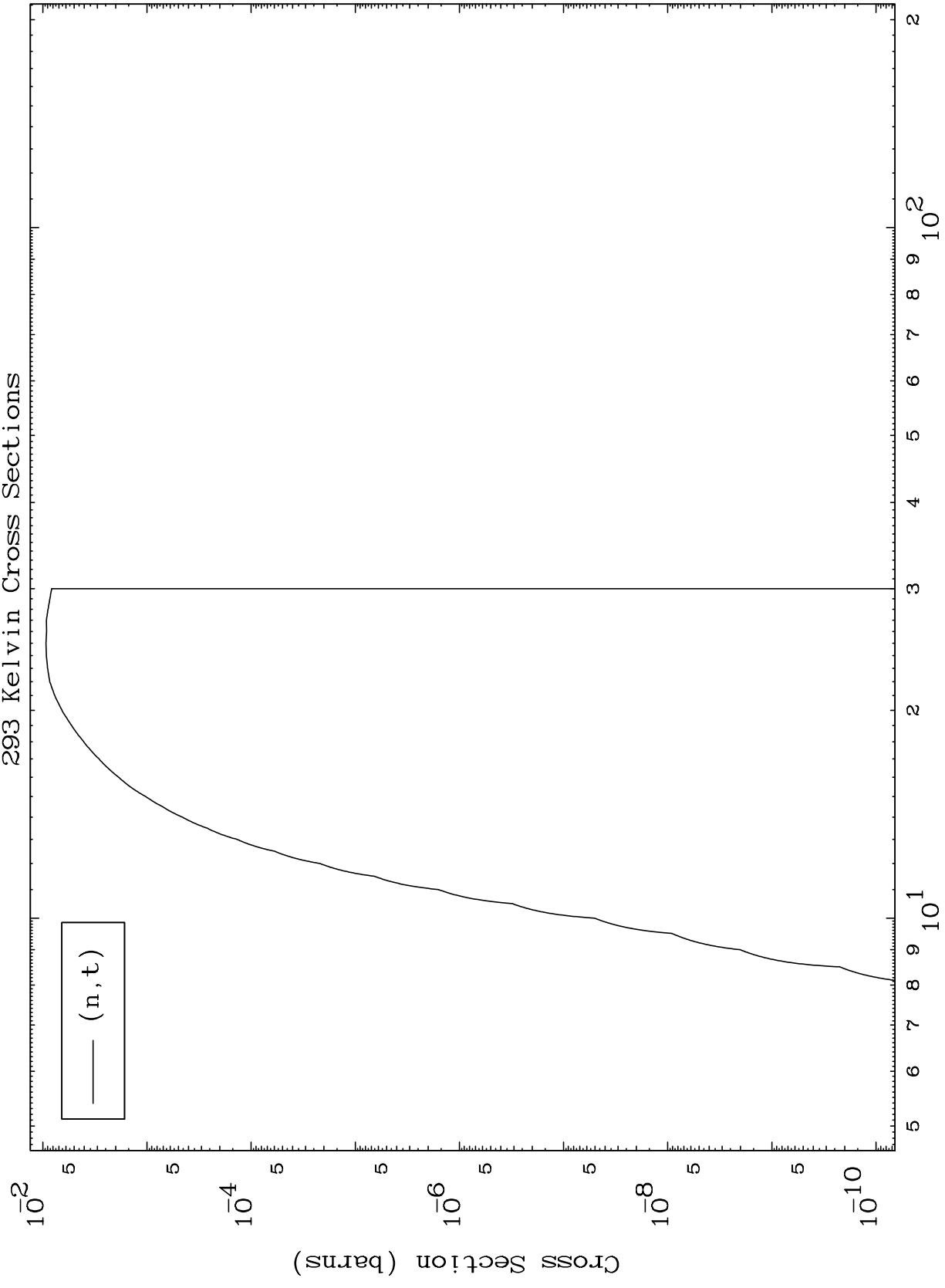
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

(n,t) Levels
293 Kelvin Cross Sections



(n,t)

12

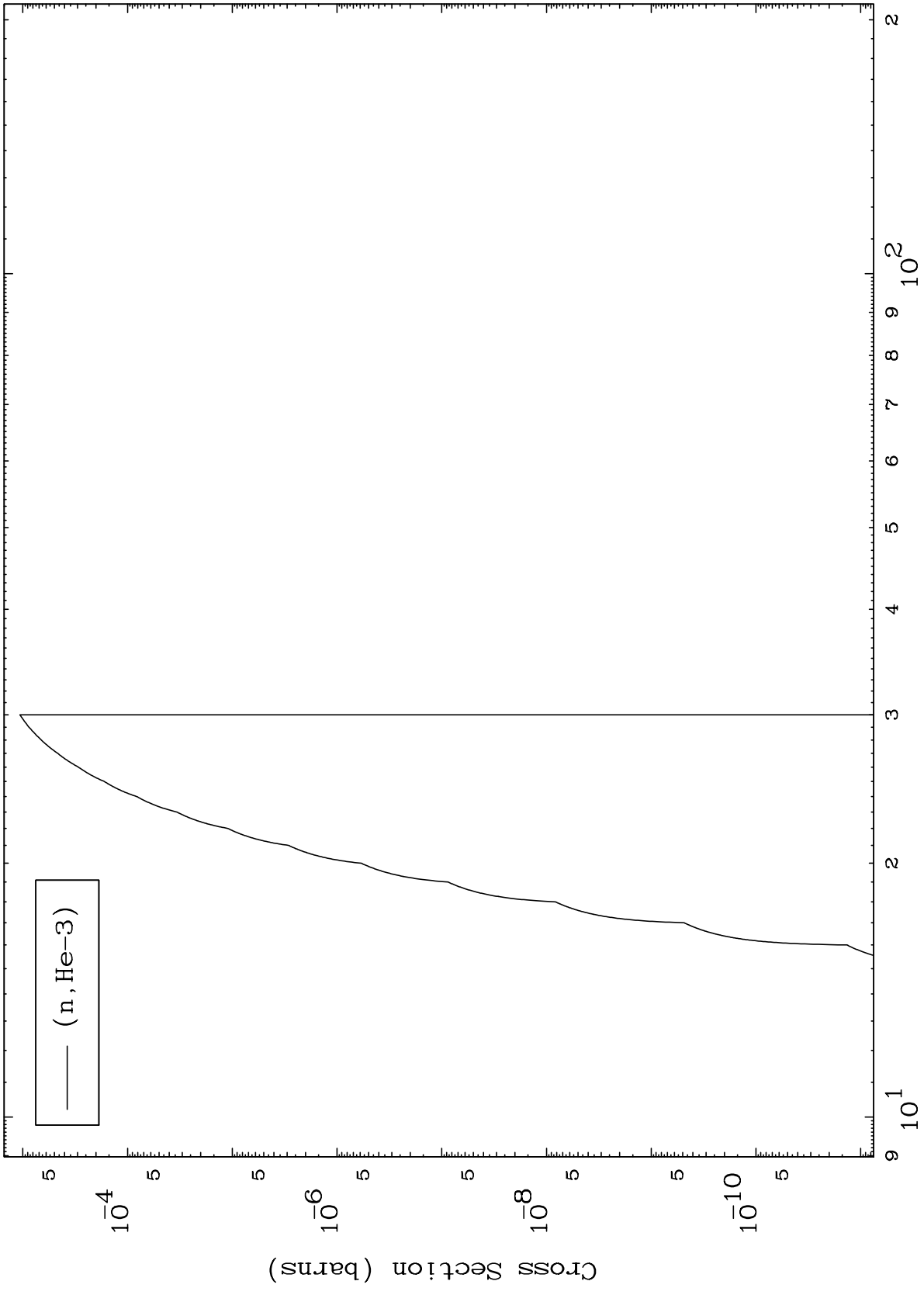
Incident Energy (MeV)

47-Ag-110

MAT 4734

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-110



13

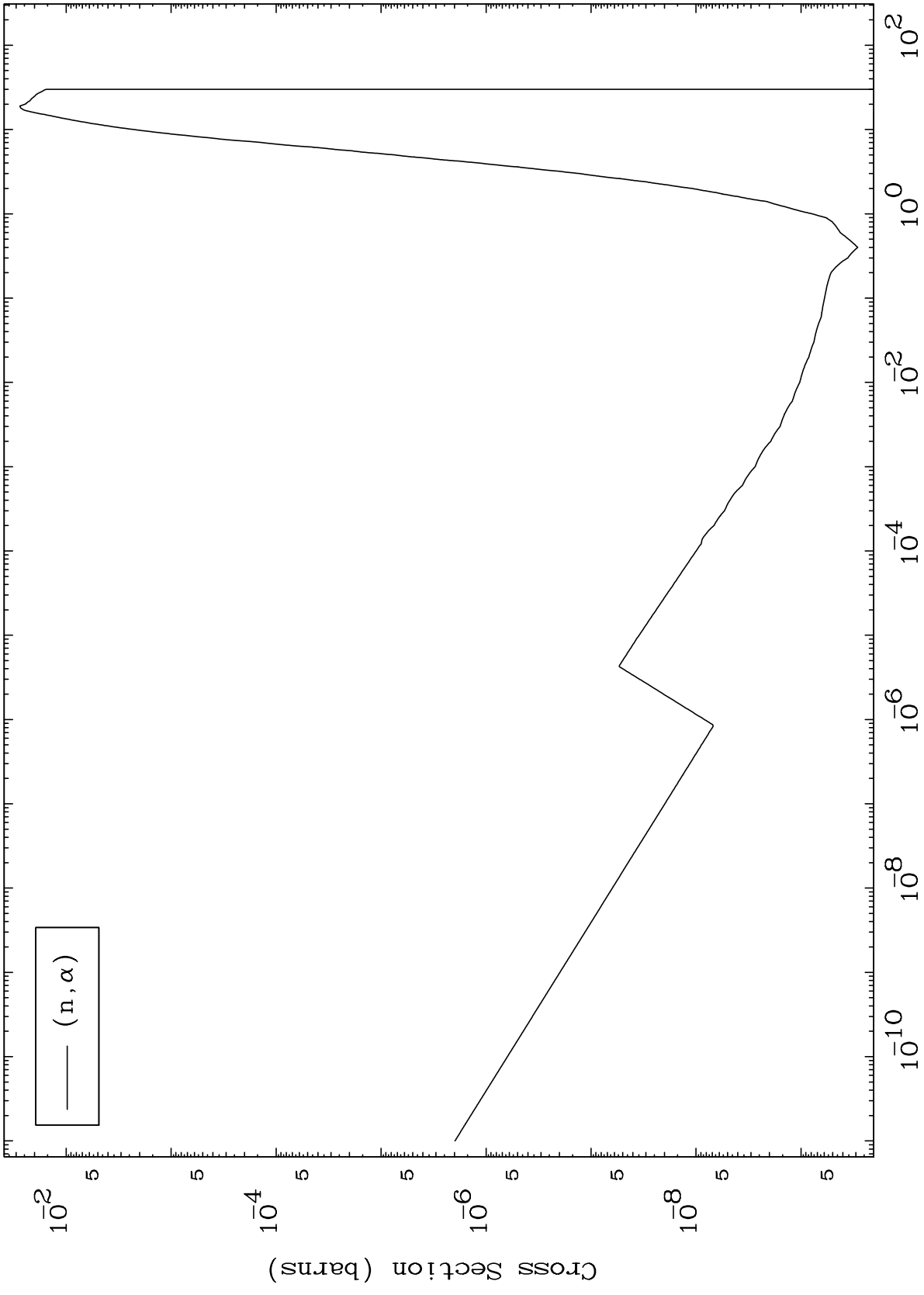
Incident Energy (MeV)

47-Ag-110

MAT 4734

(n, α) Levels
293 Kelvin Cross Sections

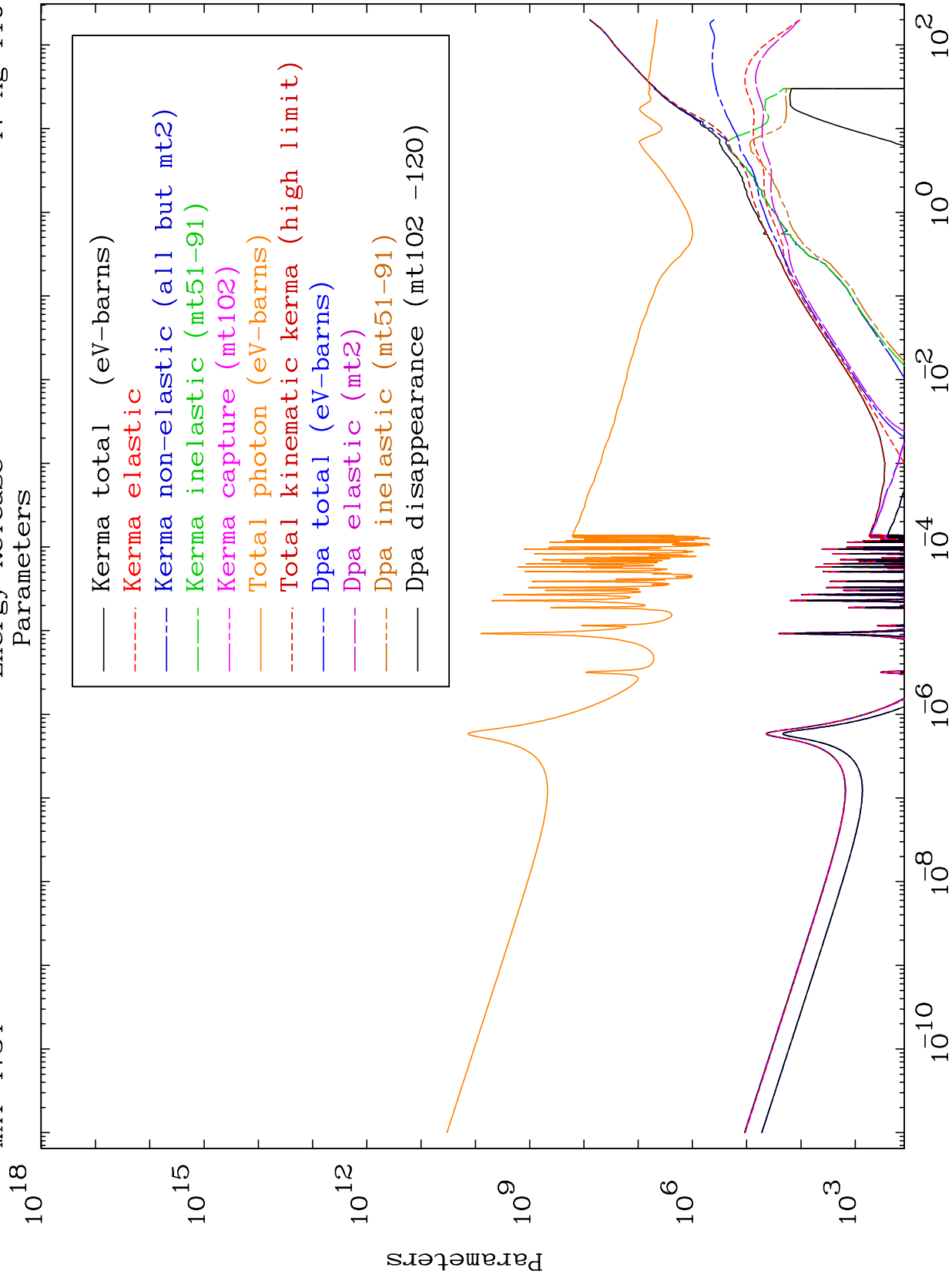
47-Ag-110



14

Incident Energy (MeV)

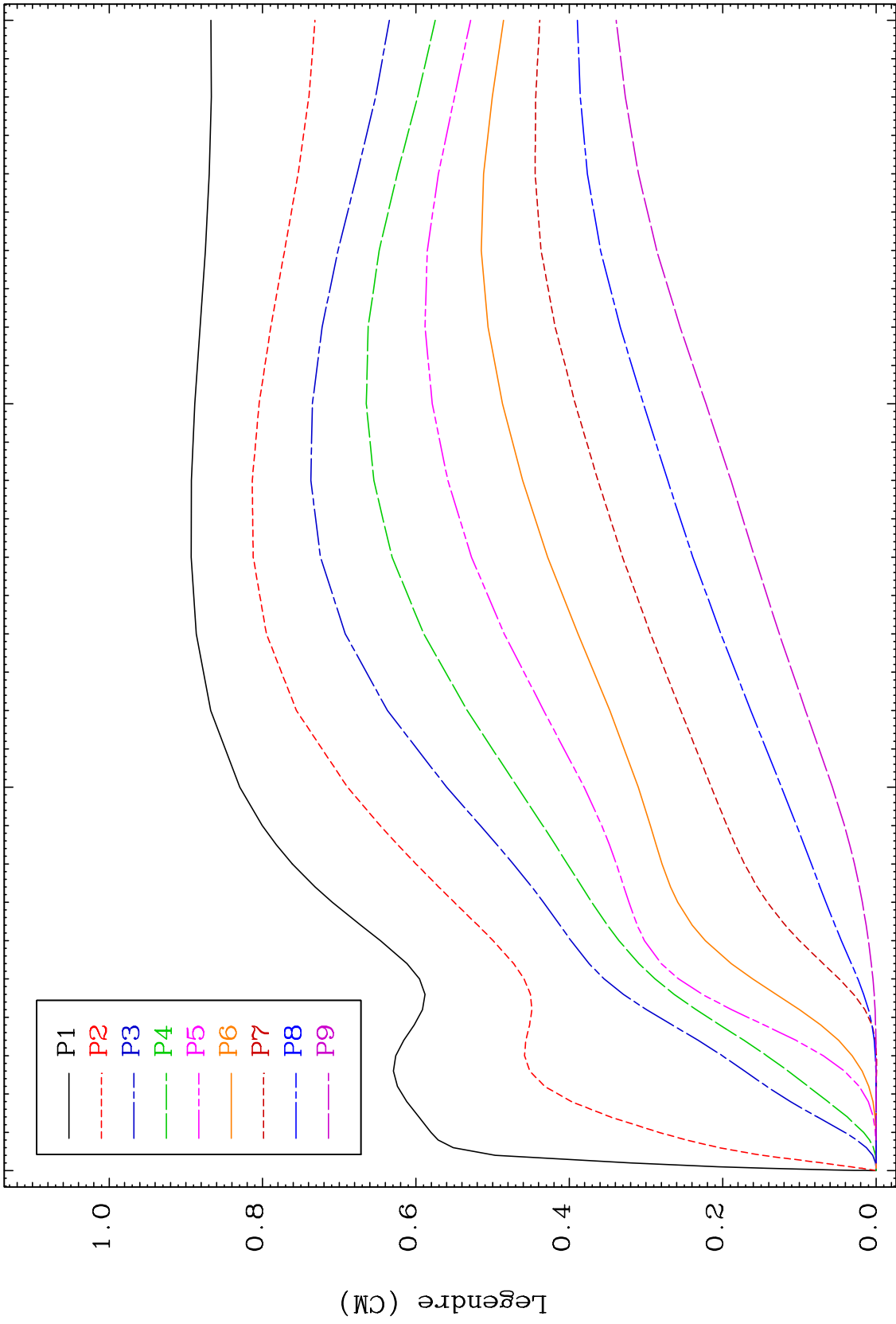
47-Ag-110



MAT 4734

Elastic Legendre Coefficients

47-Ag-110



16

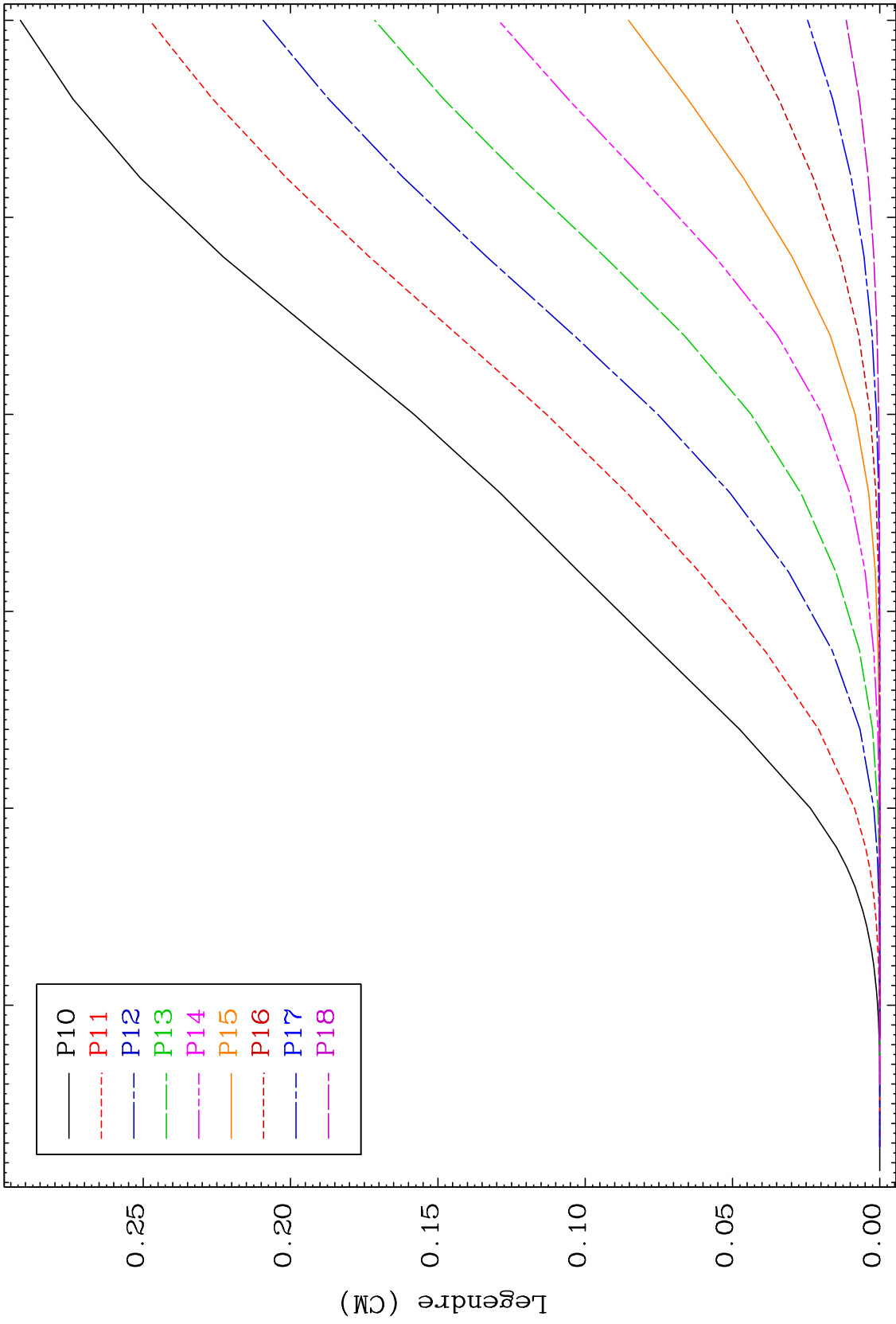
Incident Energy (MeV)

47-Ag-110

MAT 4734

Elastic Legendre Coefficients

47-Ag-110



17

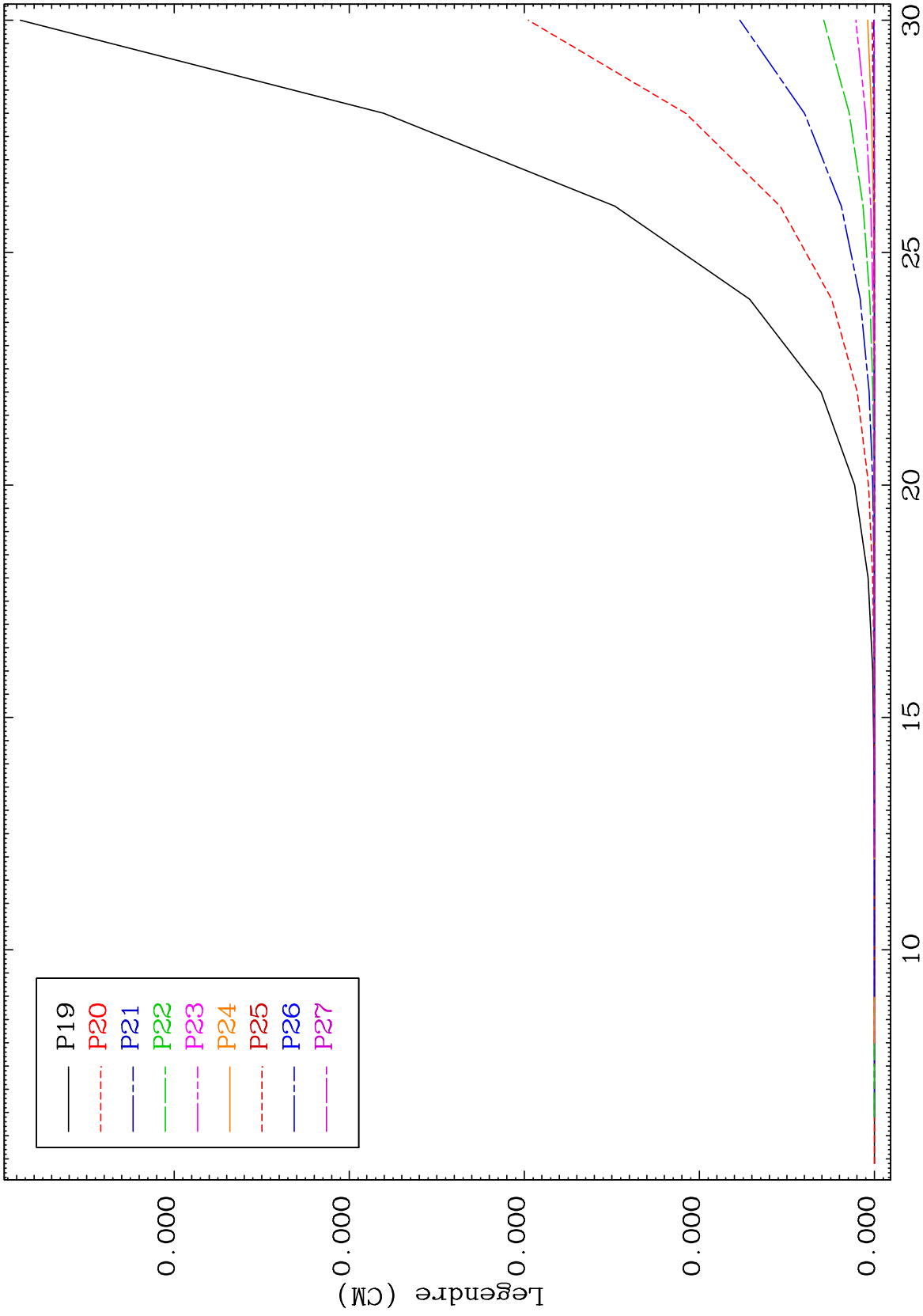
Incident Energy (MeV)

47-Ag-110

MAT 4734

Elastic Legendre Coefficients

47-Ag-110



18

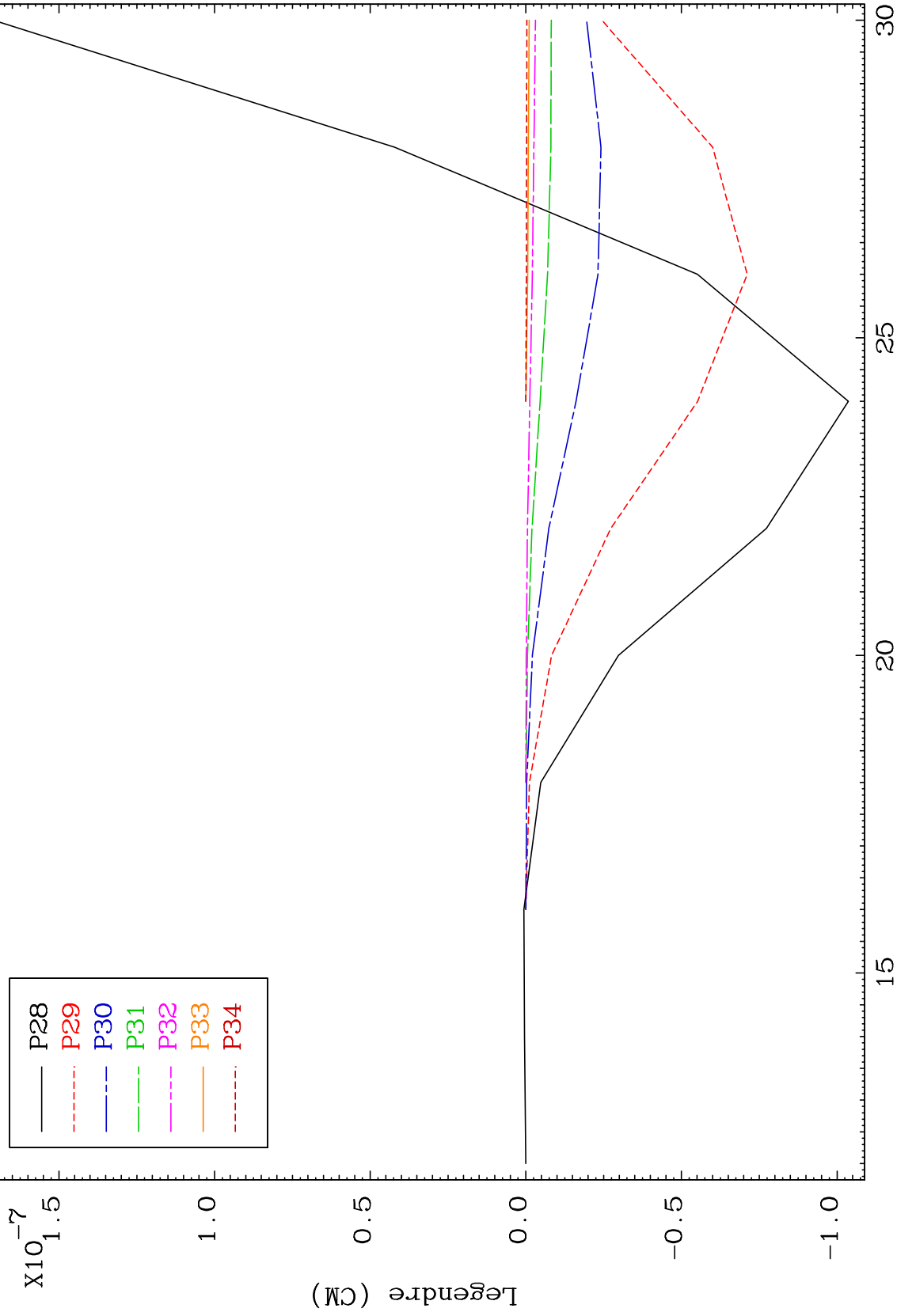
Incident Energy (MeV)

47-Ag-110

MAT 4734

Elastic Legendre Coefficients

47-Ag-110



19

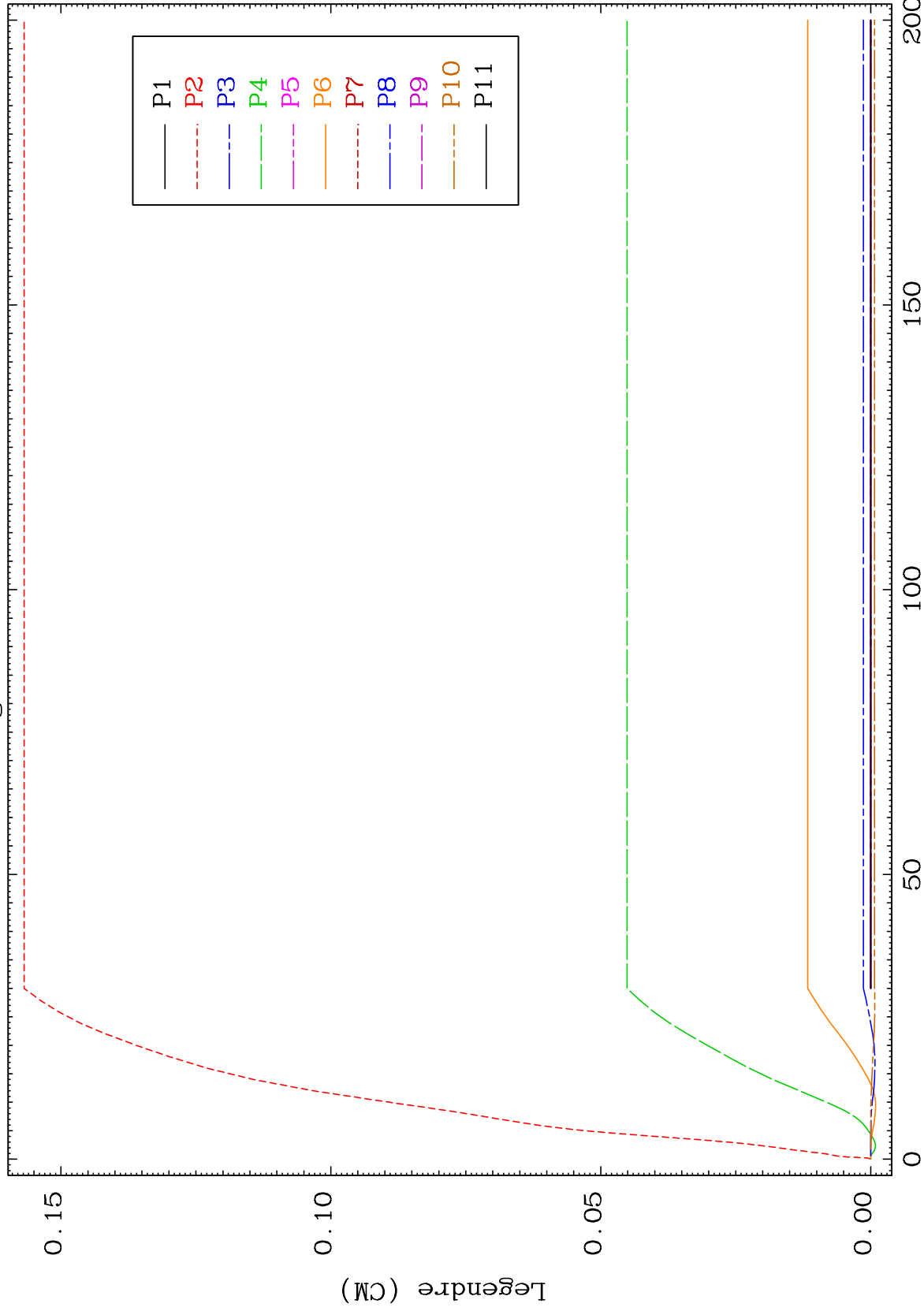
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

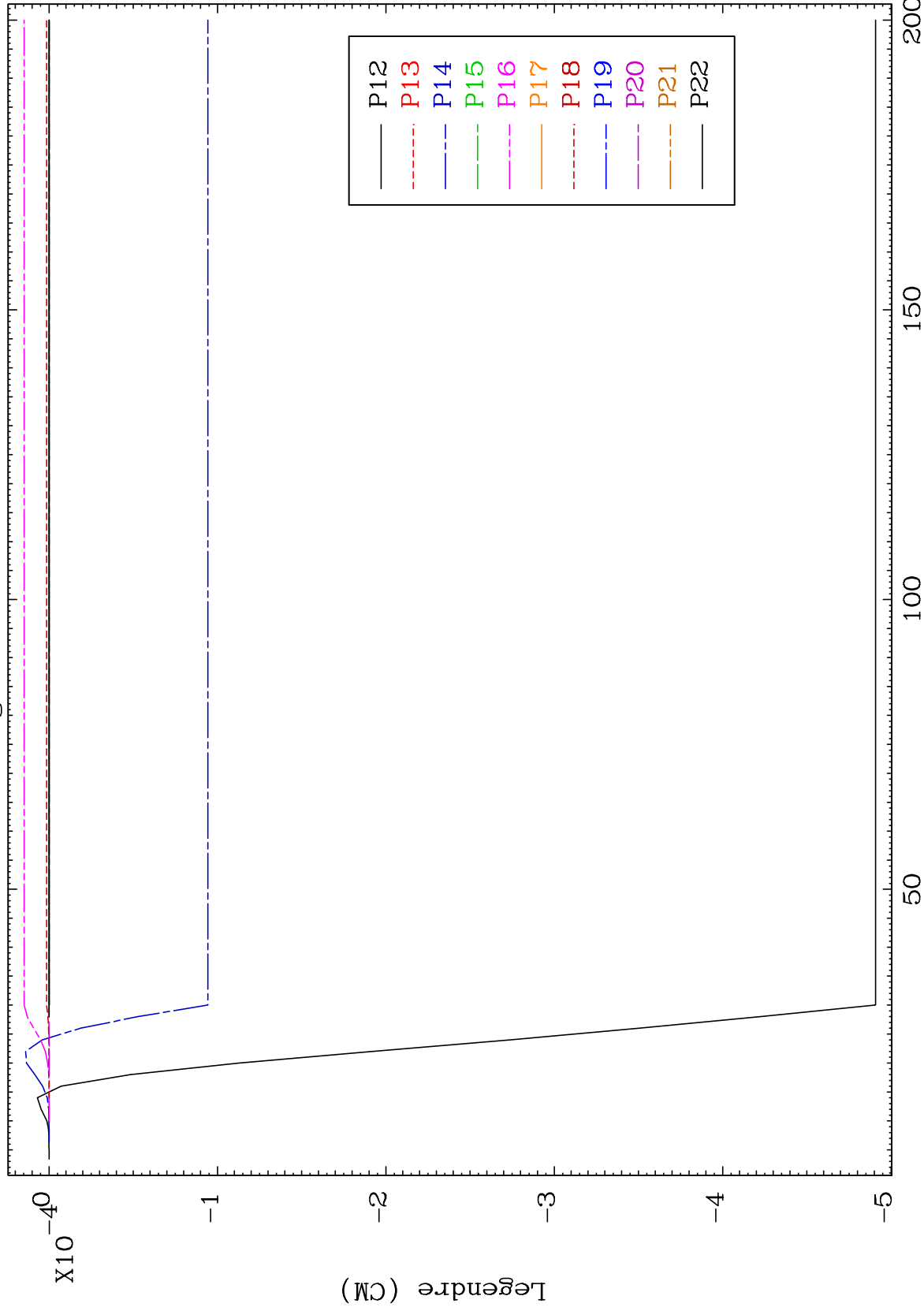
Incident Energy (MeV)

Legendre (CM)

MAT 4734

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

47-Ag-110



21

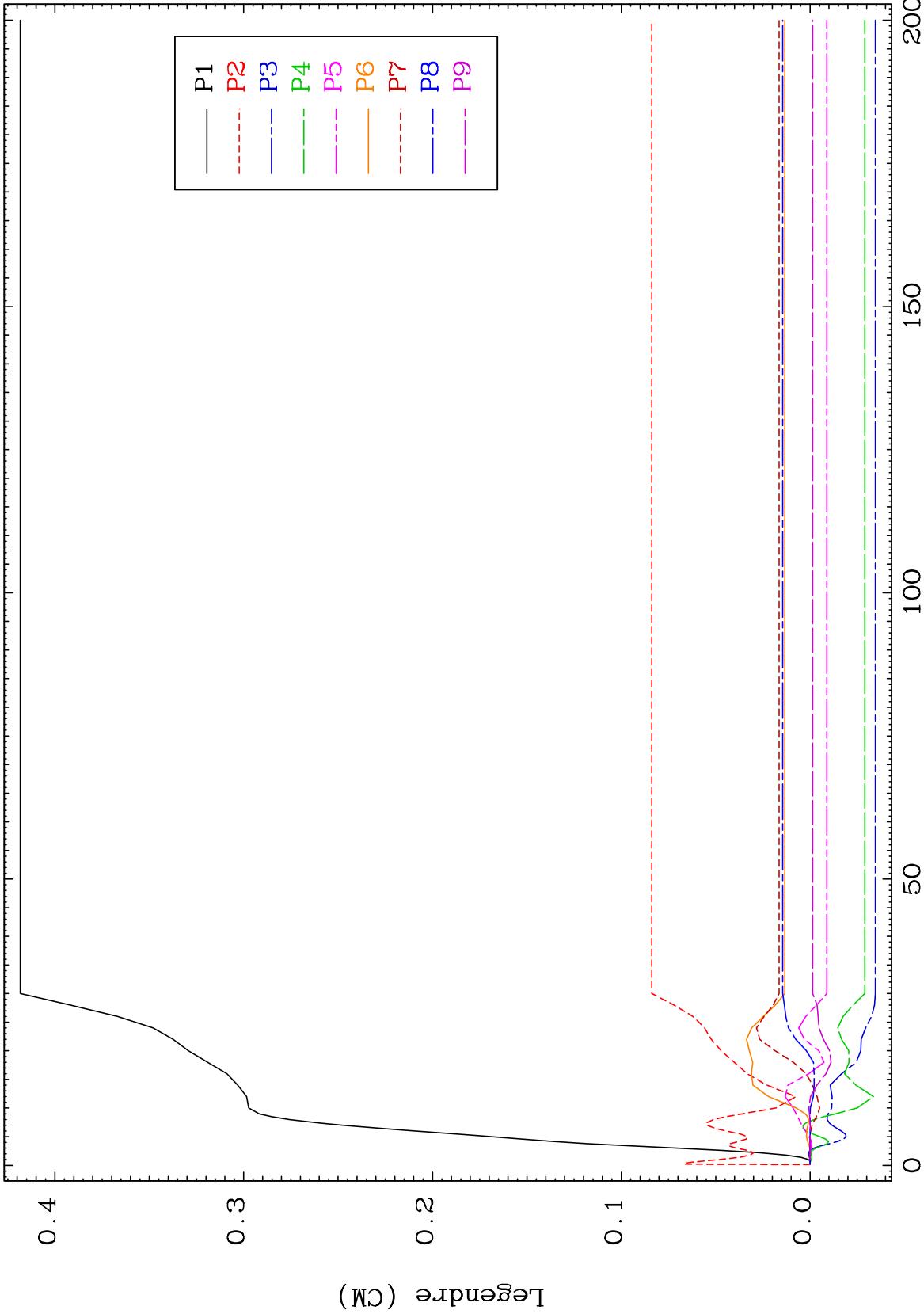
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



22

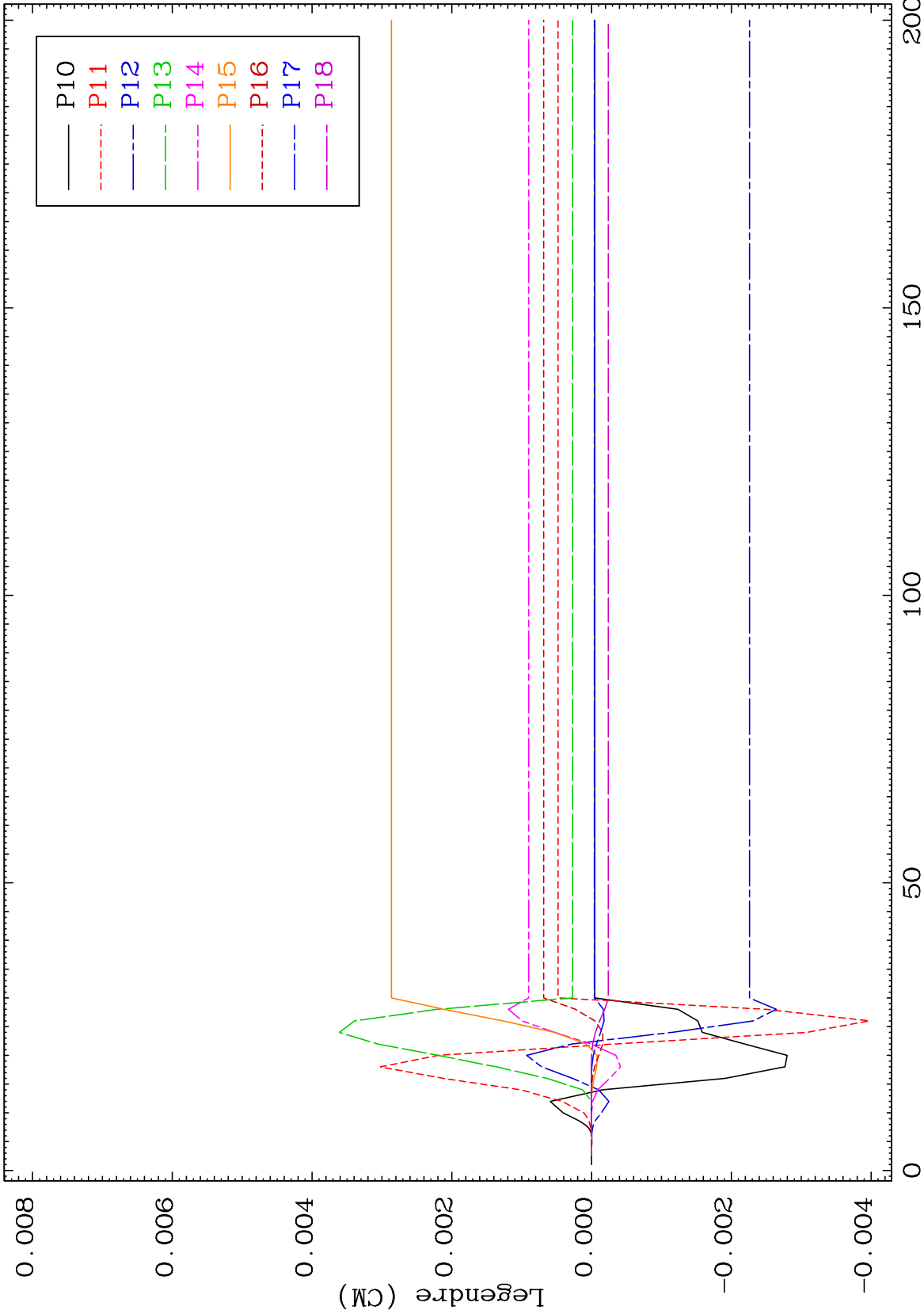
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



23

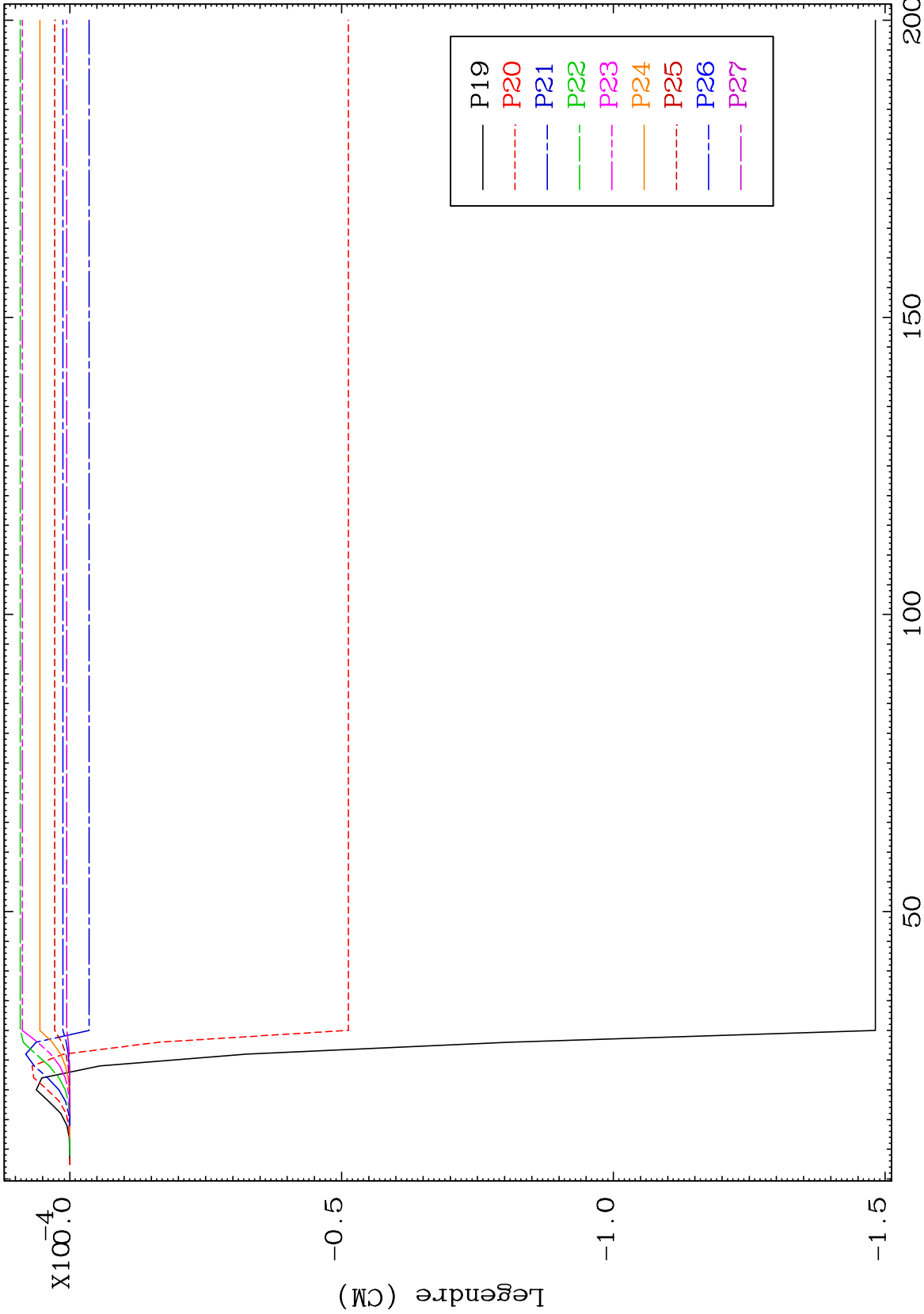
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



24

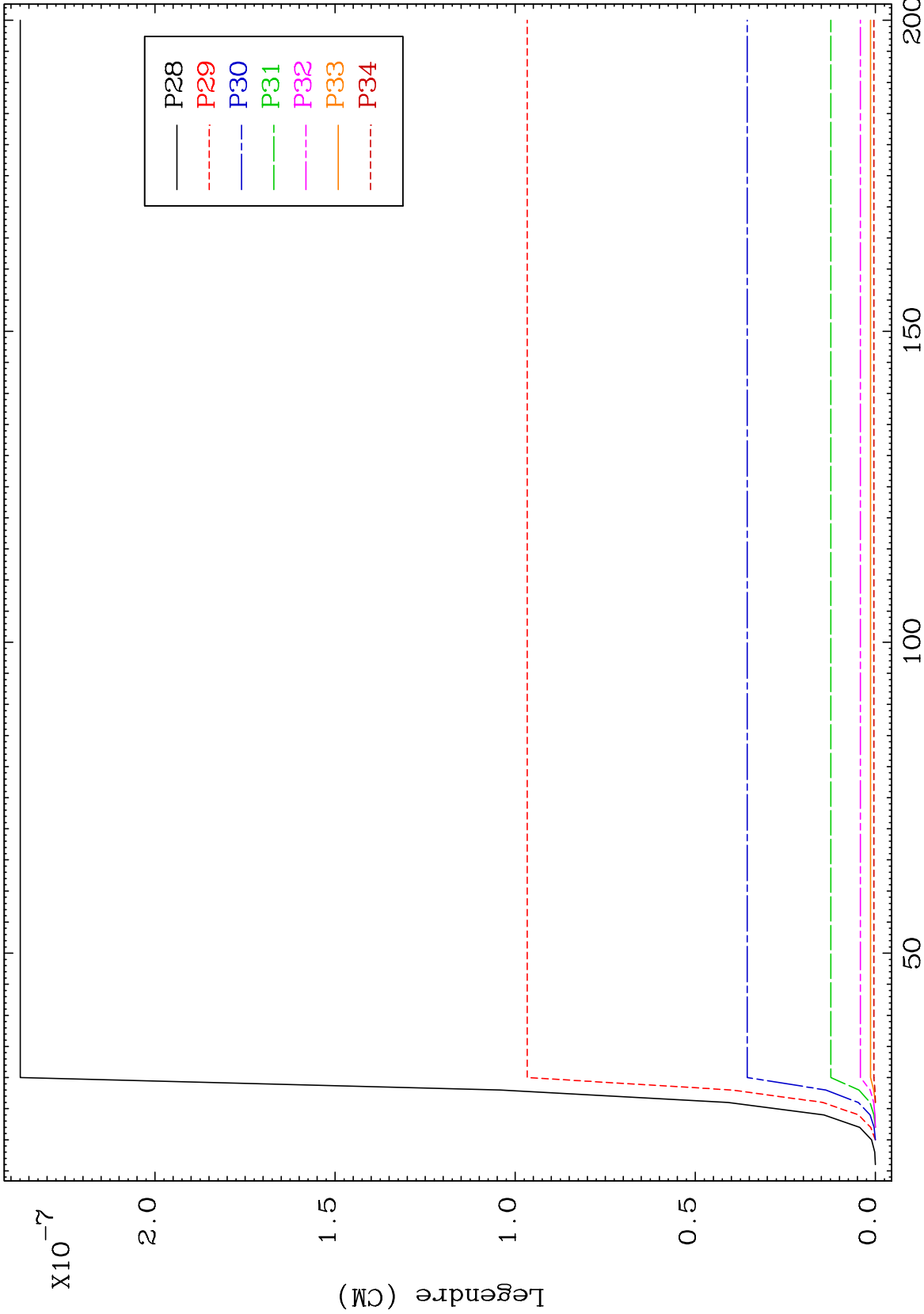
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



25

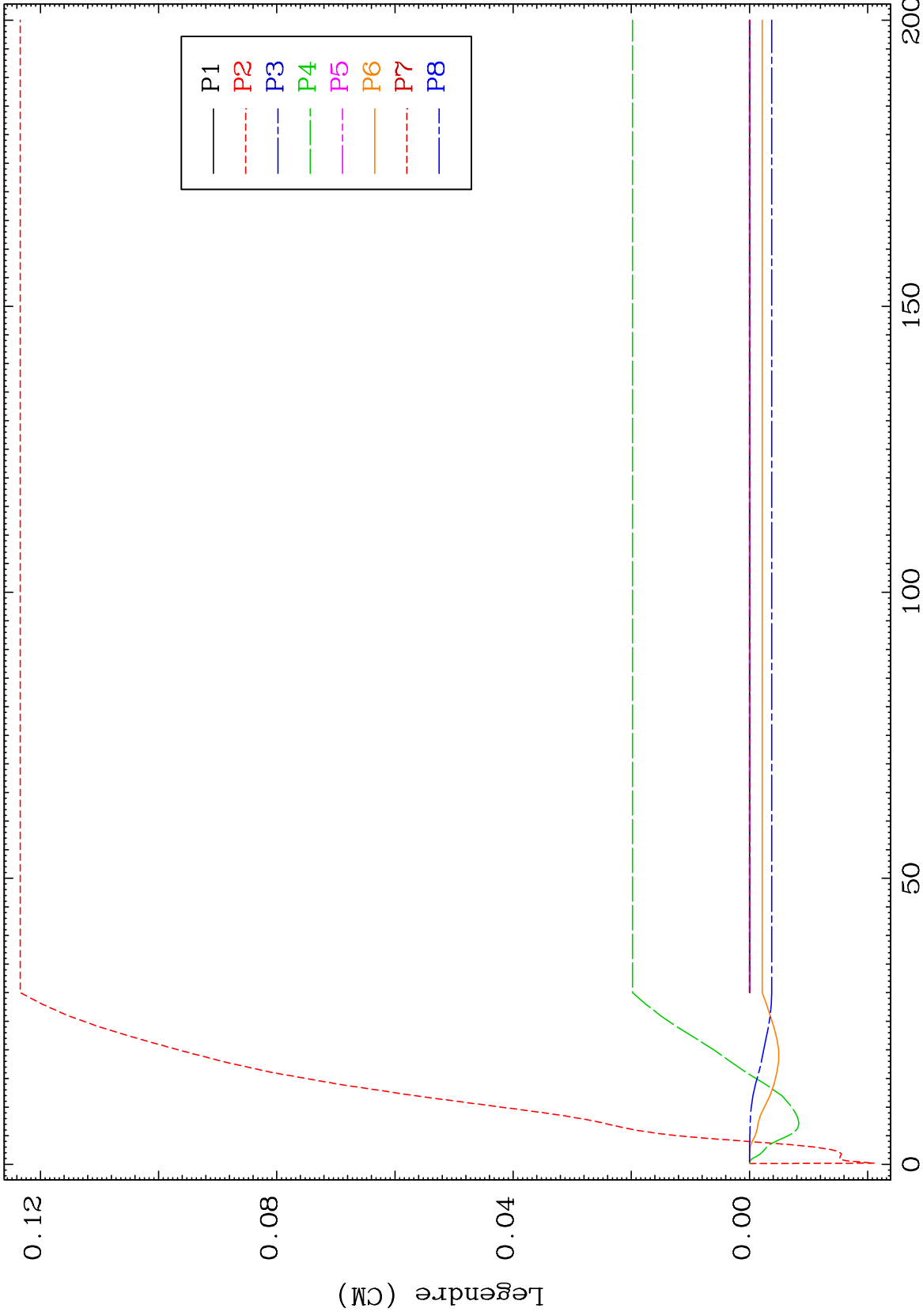
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



26

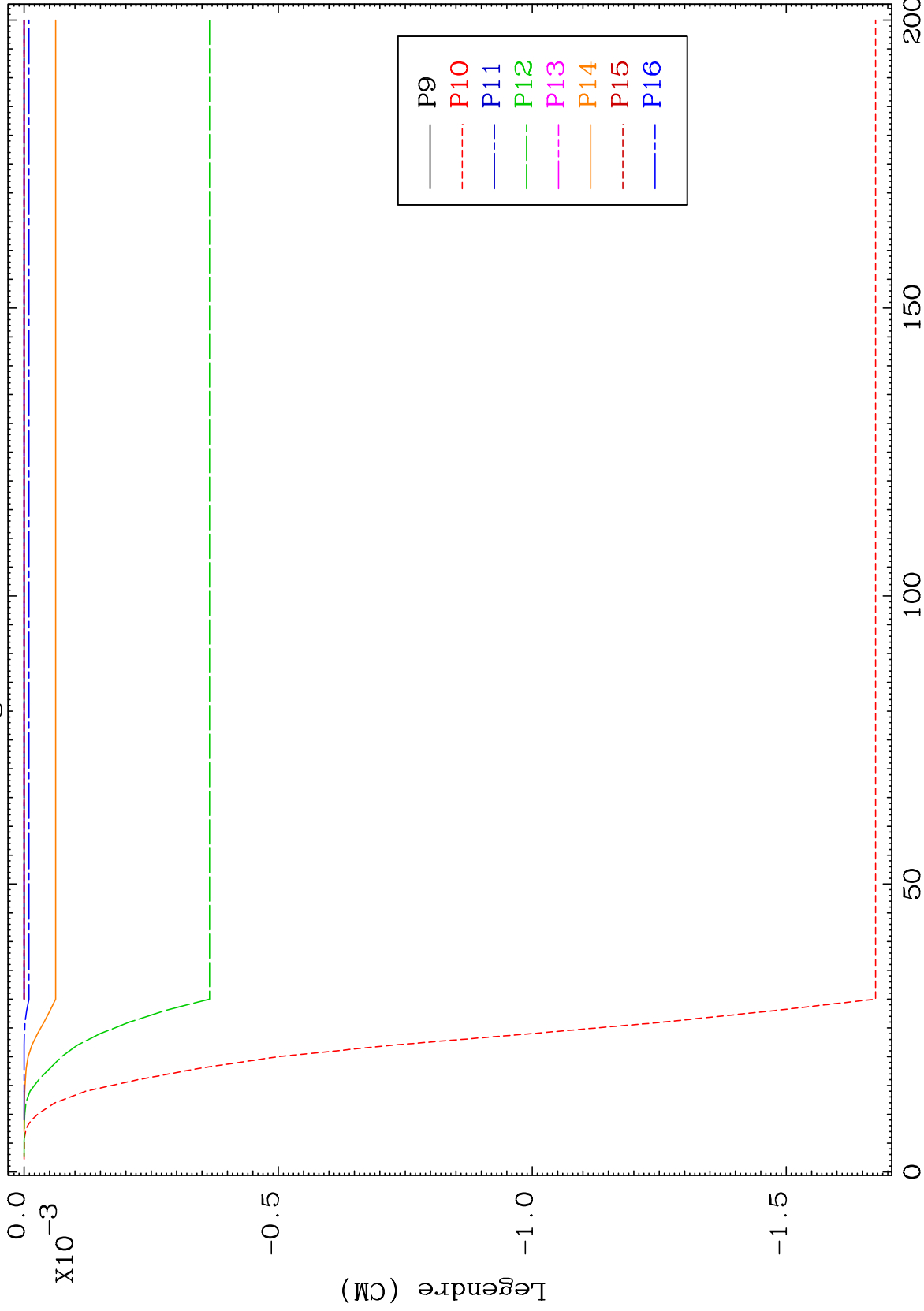
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



27

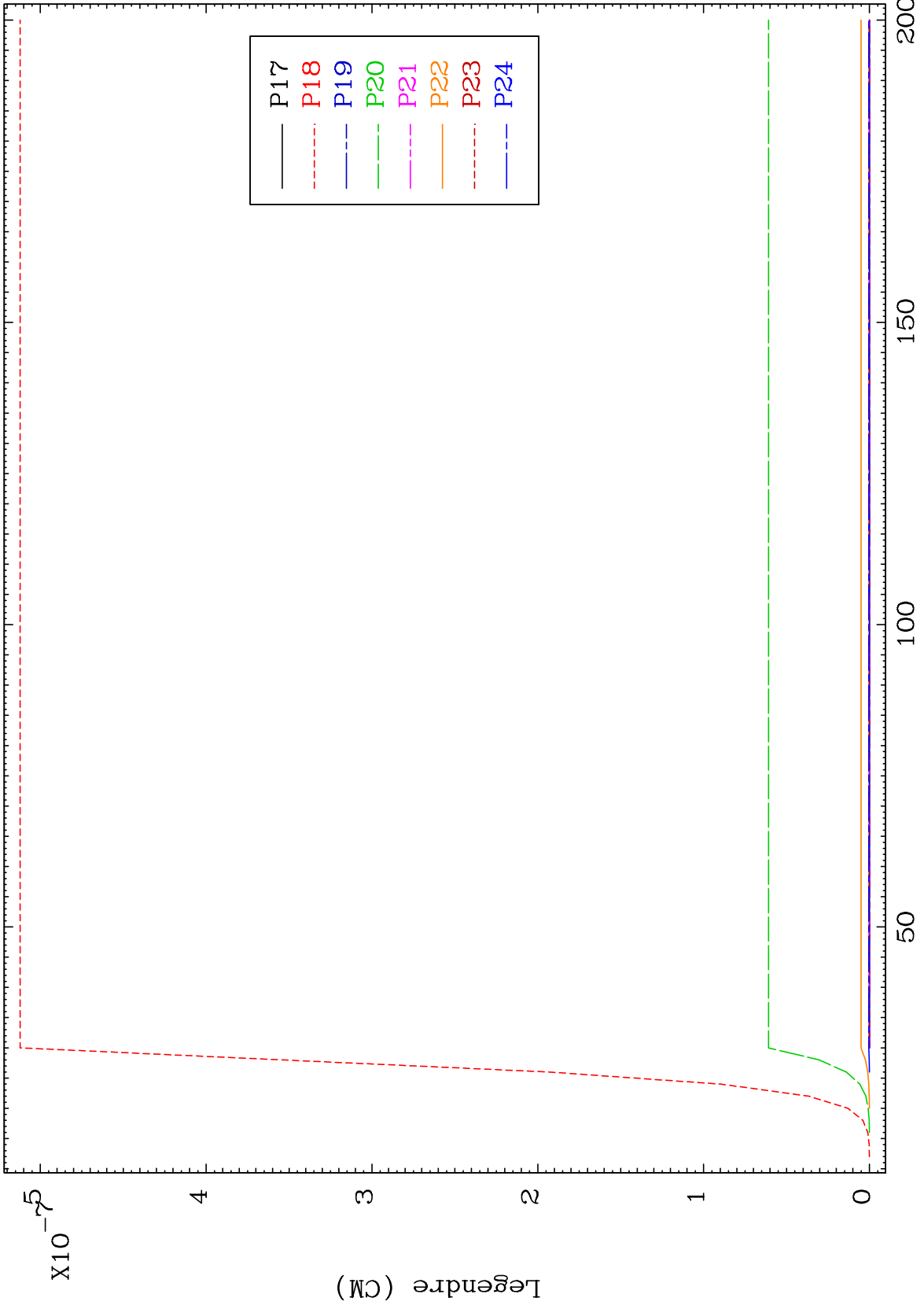
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



28

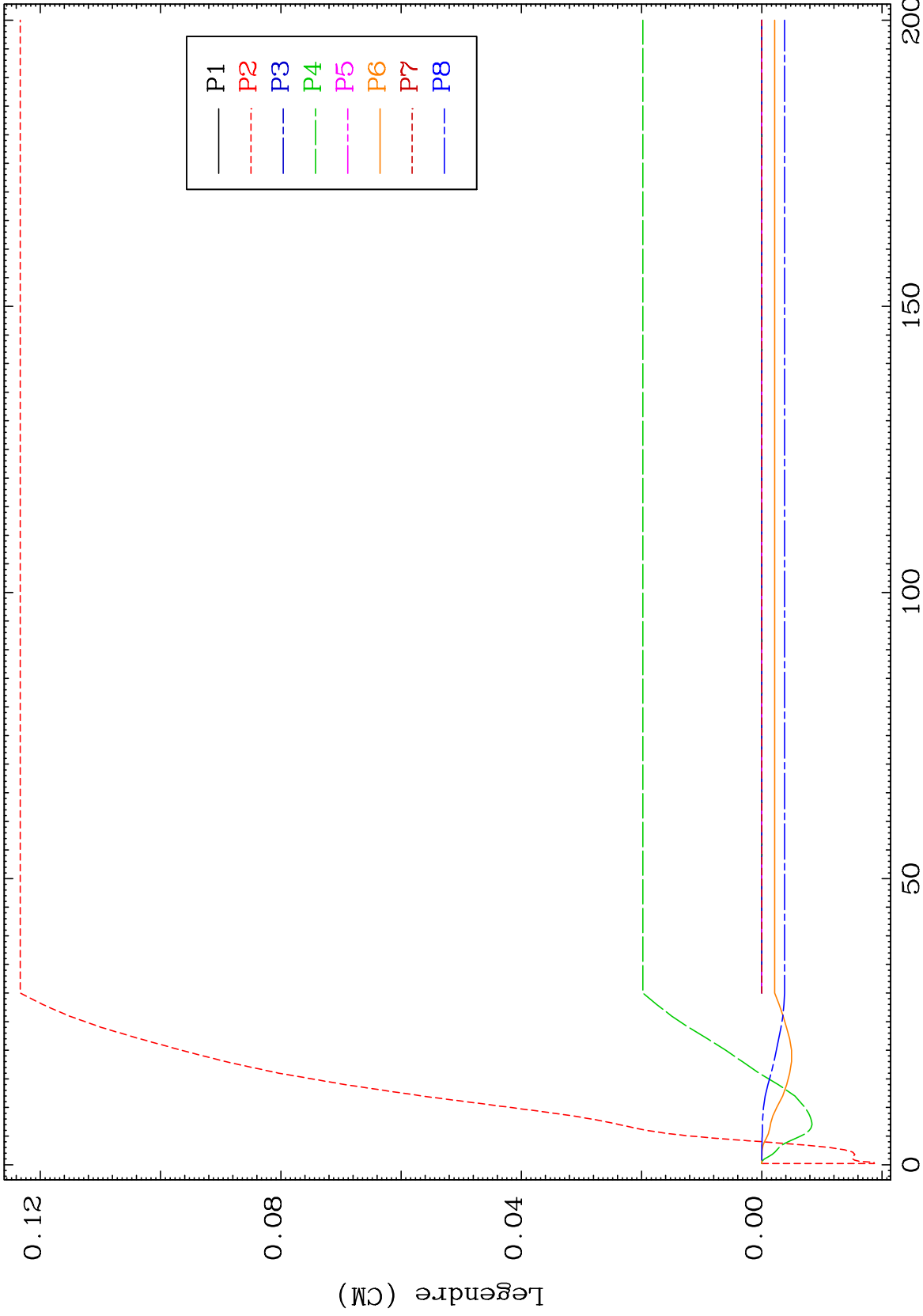
47-Ag-110

47-Ag-110

MAT 4734

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

47-Ag-110



29

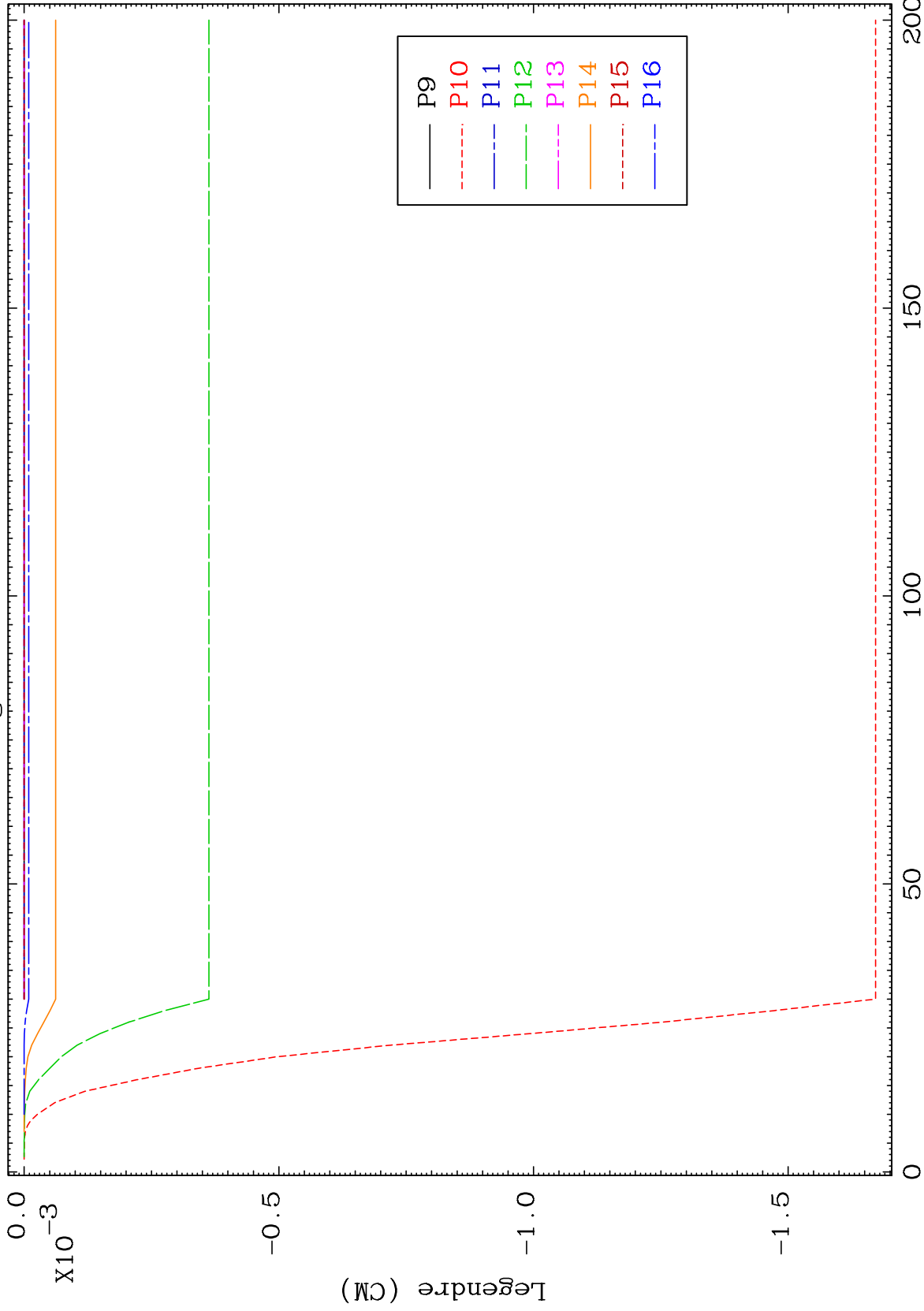
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



30

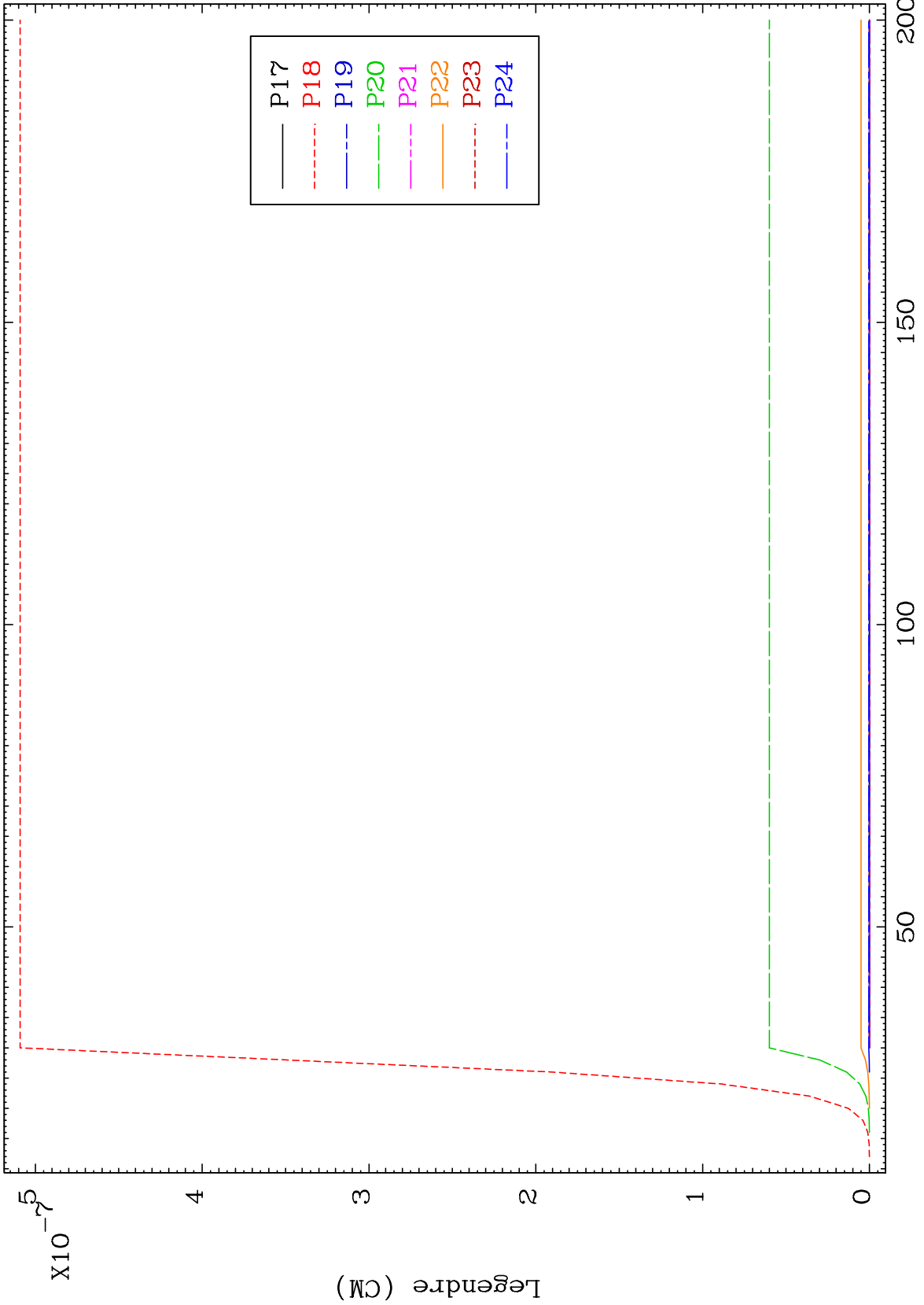
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



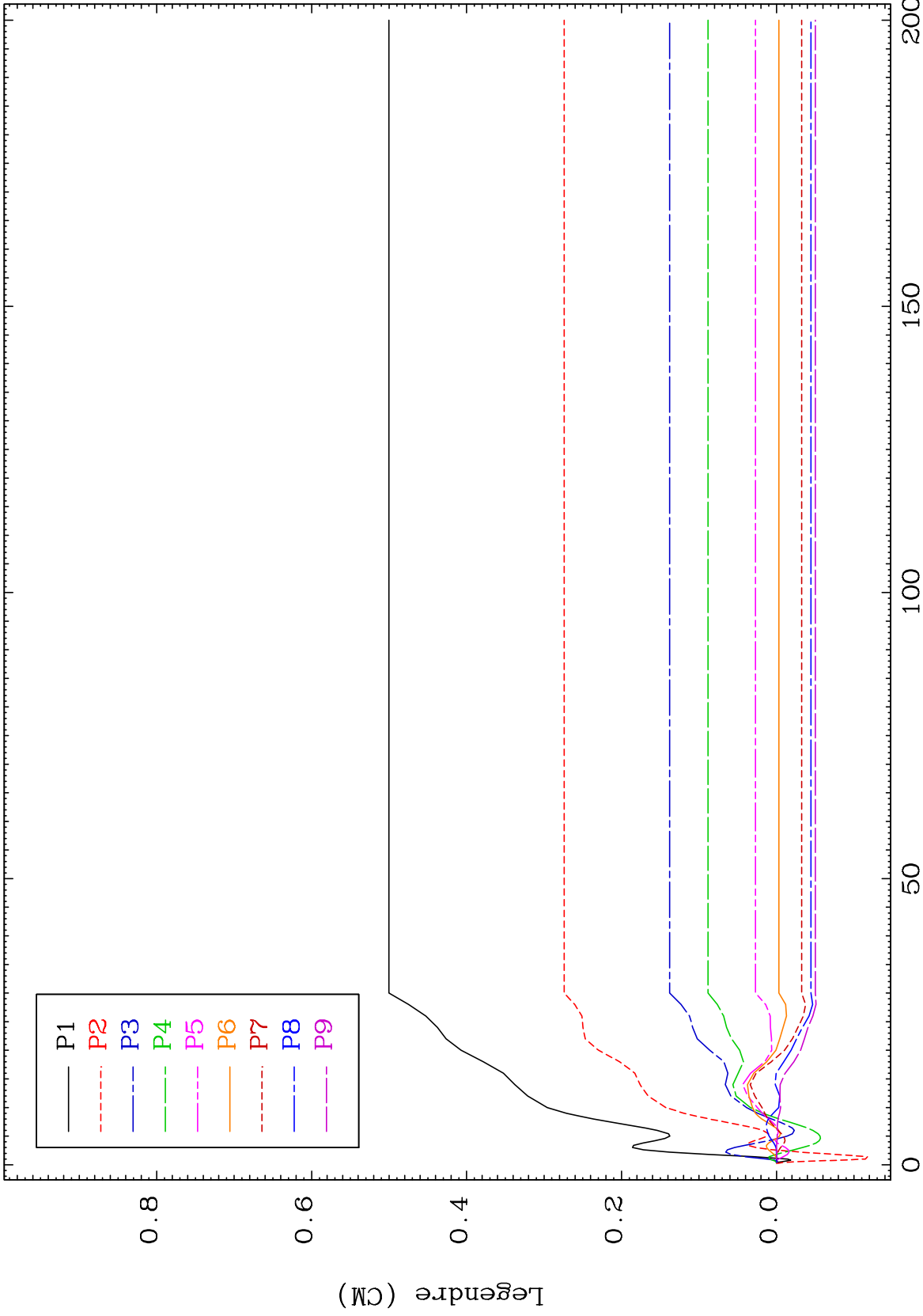
31

47-Ag-110

MAT 4734

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

47-Ag-110



32

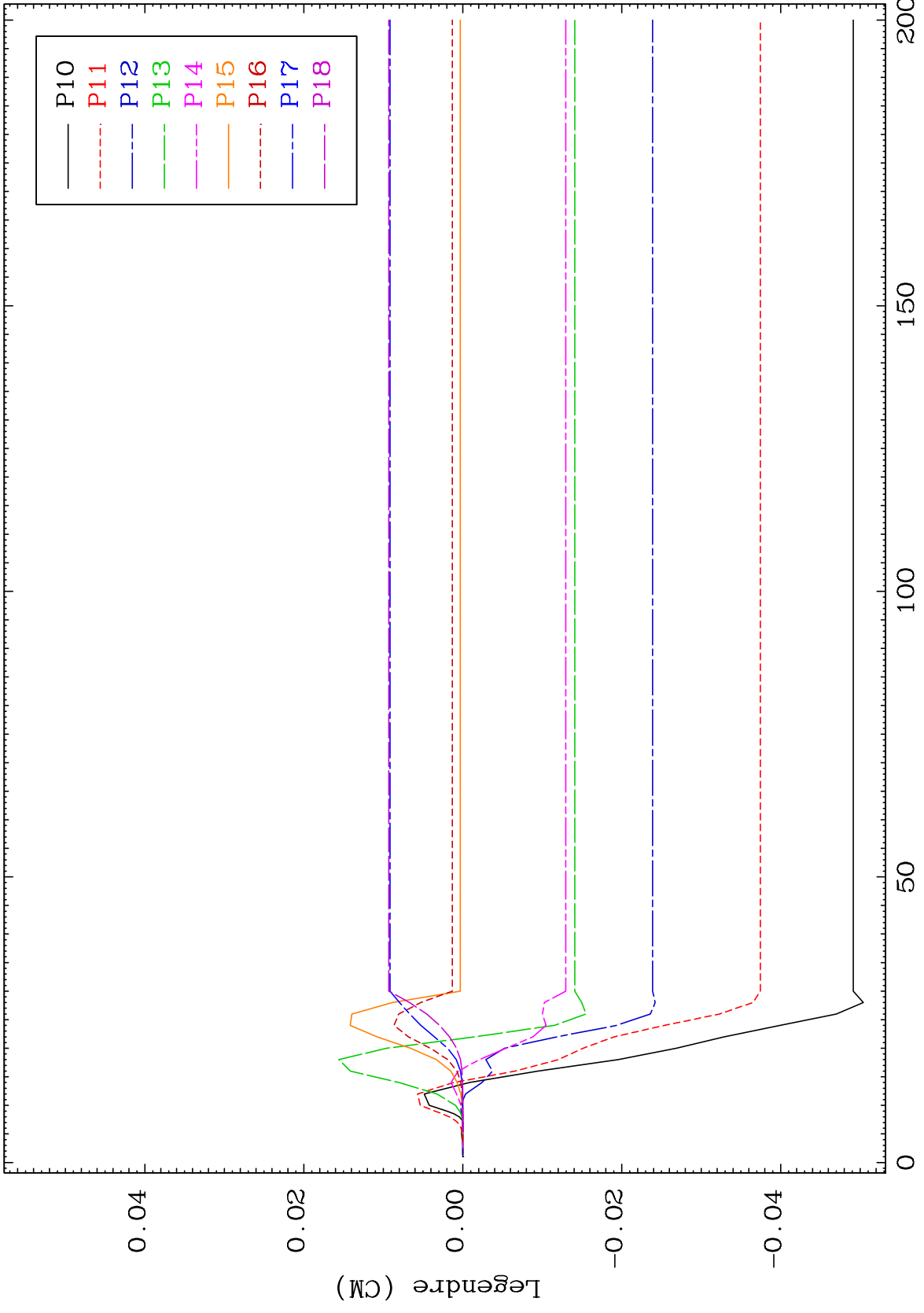
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



33

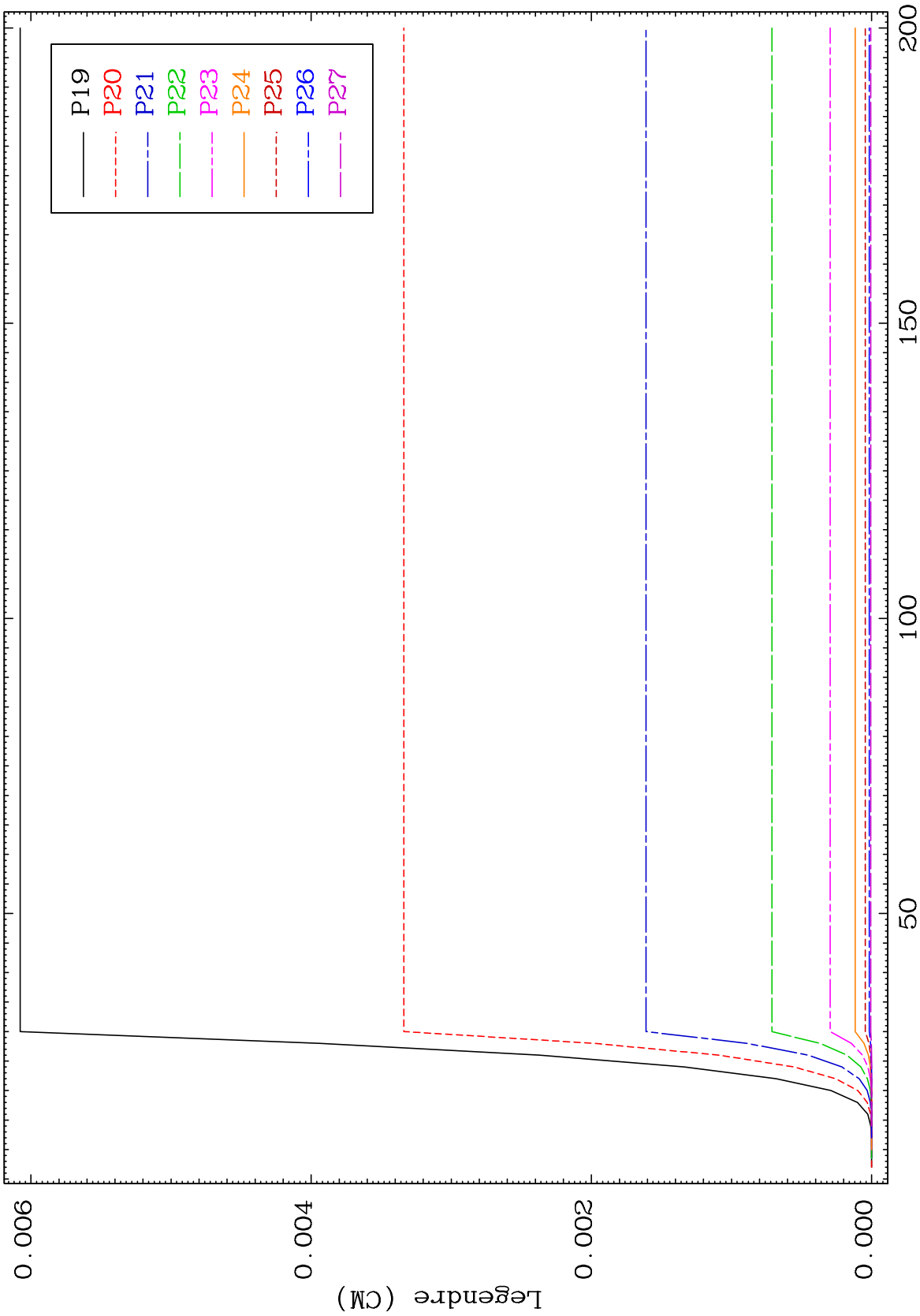
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



34

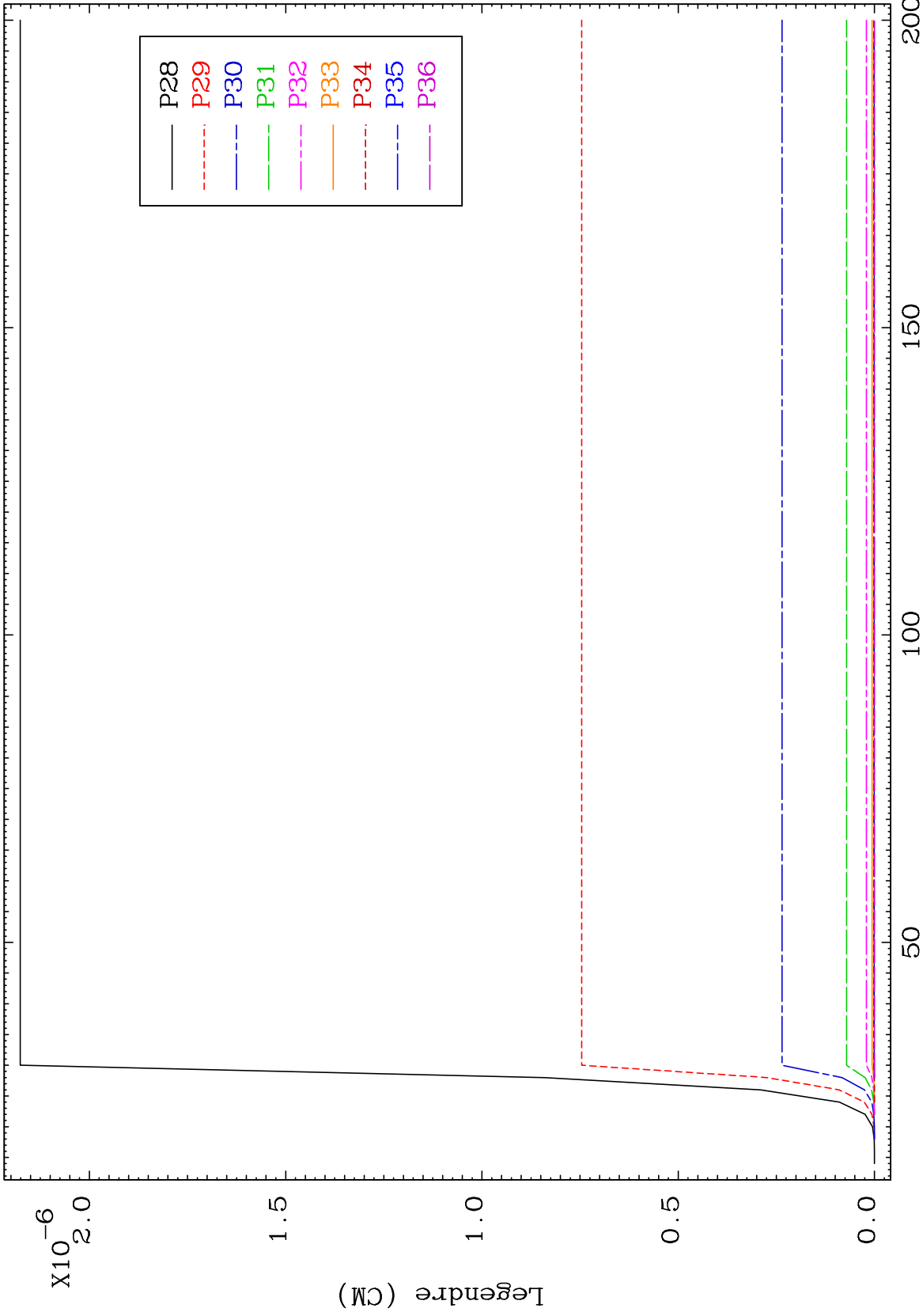
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



35

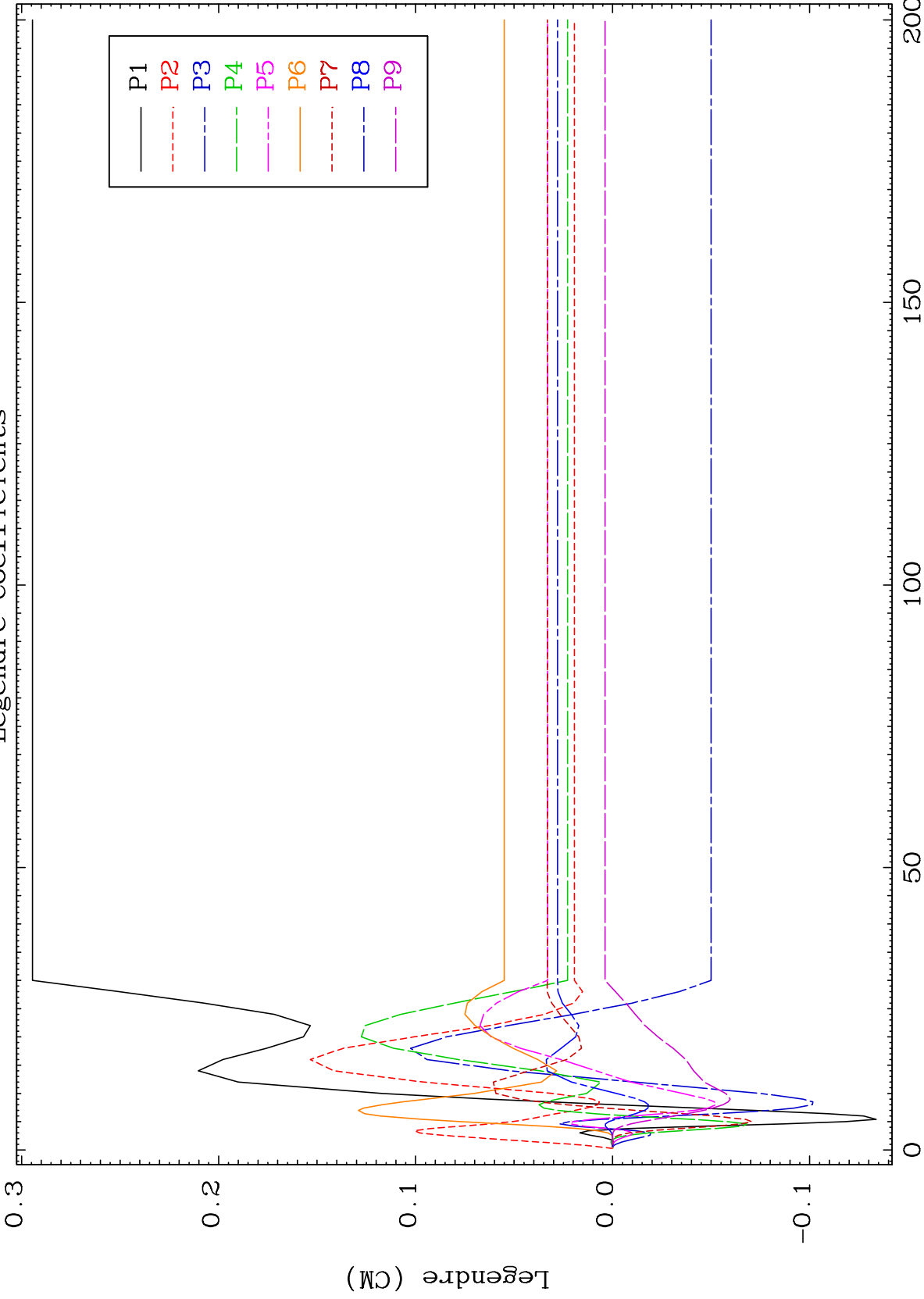
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



36

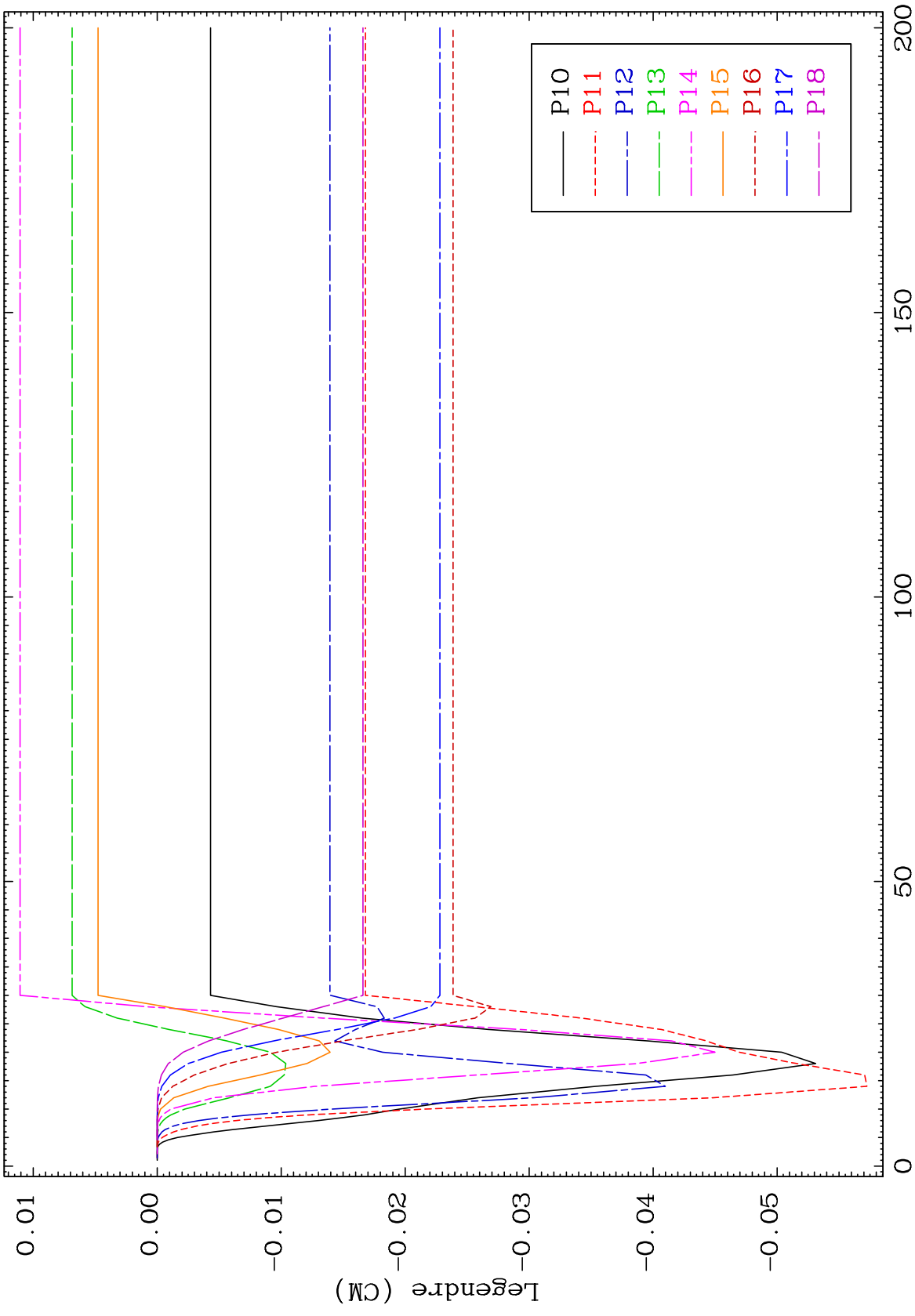
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



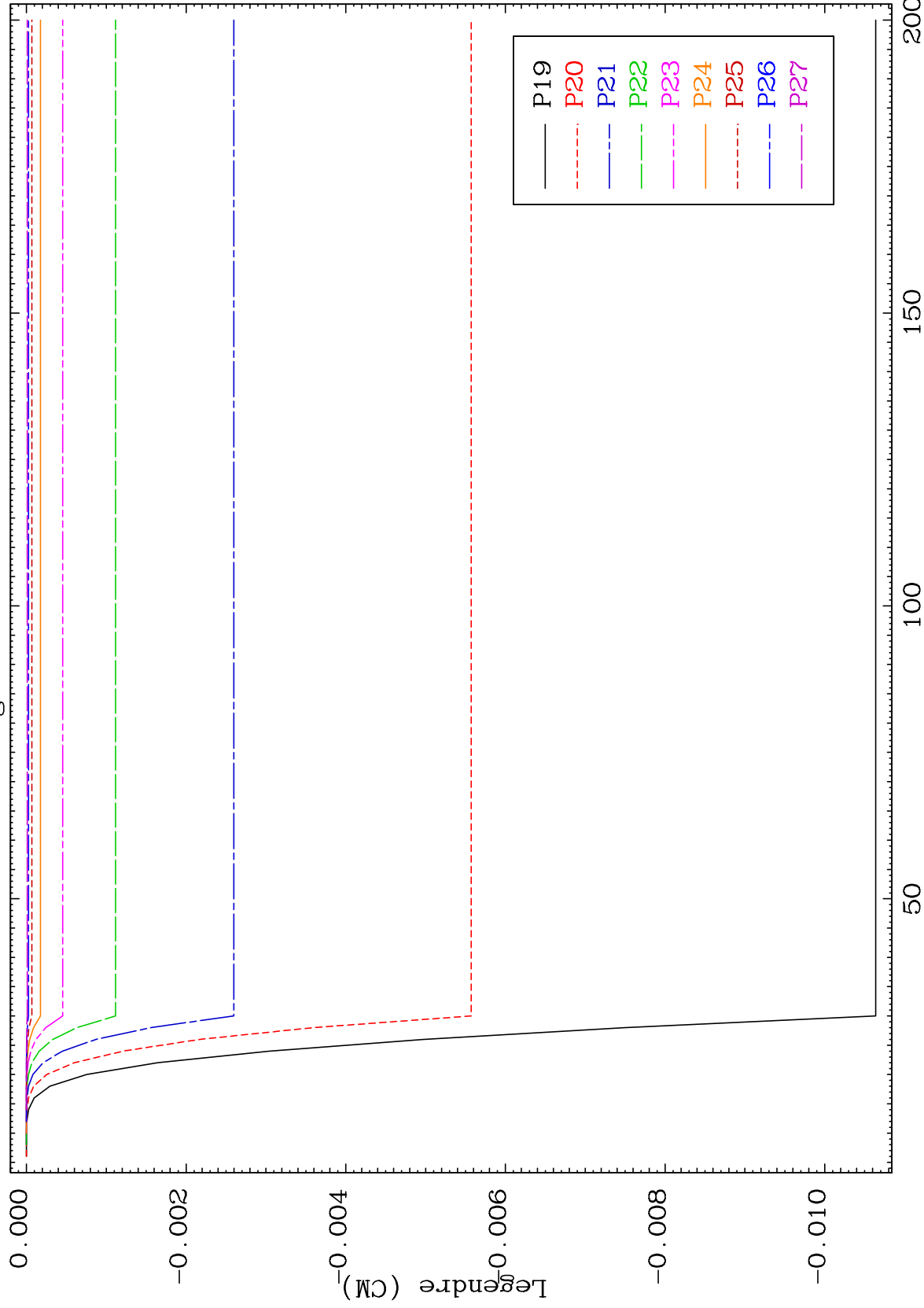
37

47-Ag-110

MAT 4734

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

47-Ag-110



38

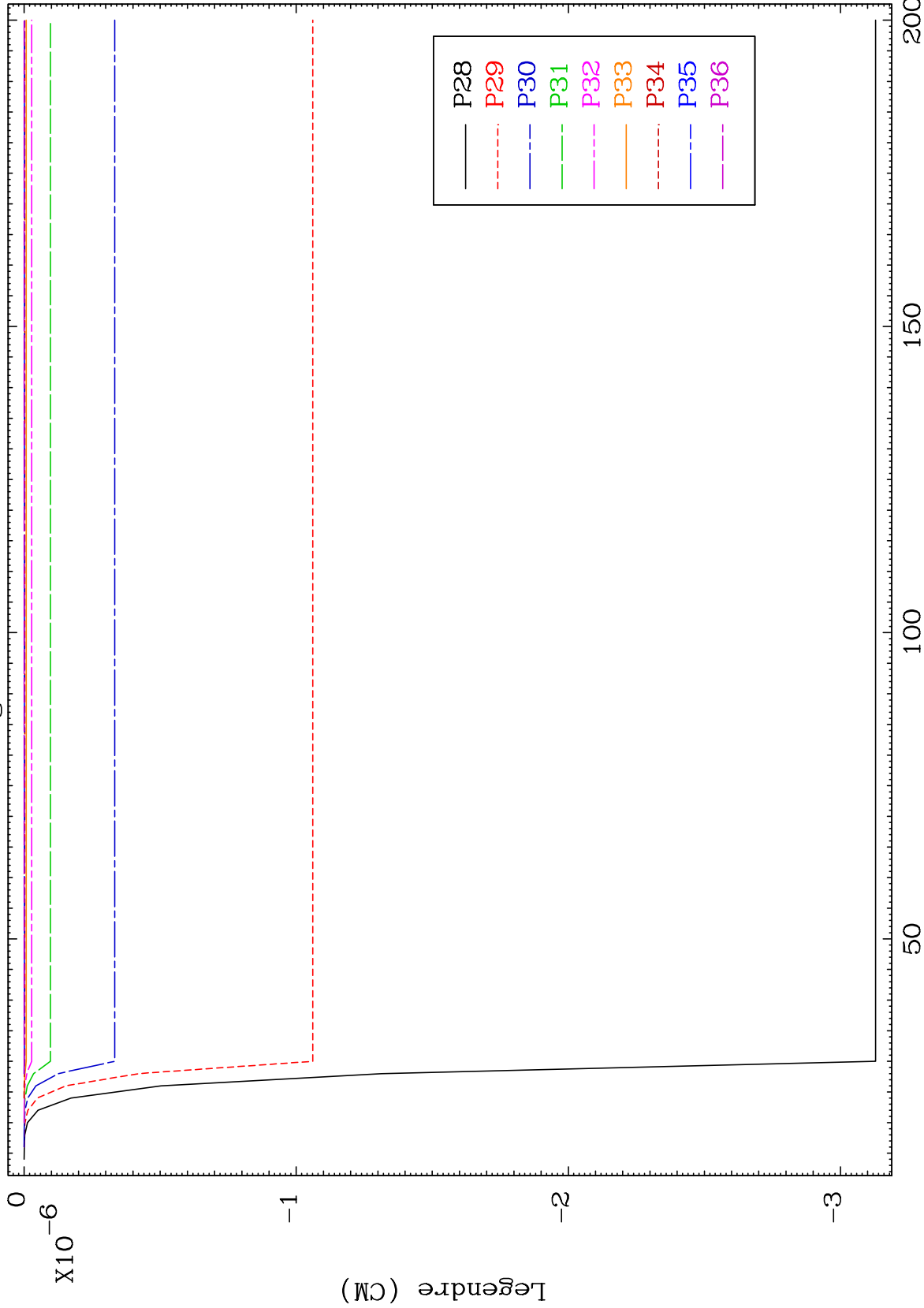
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



39

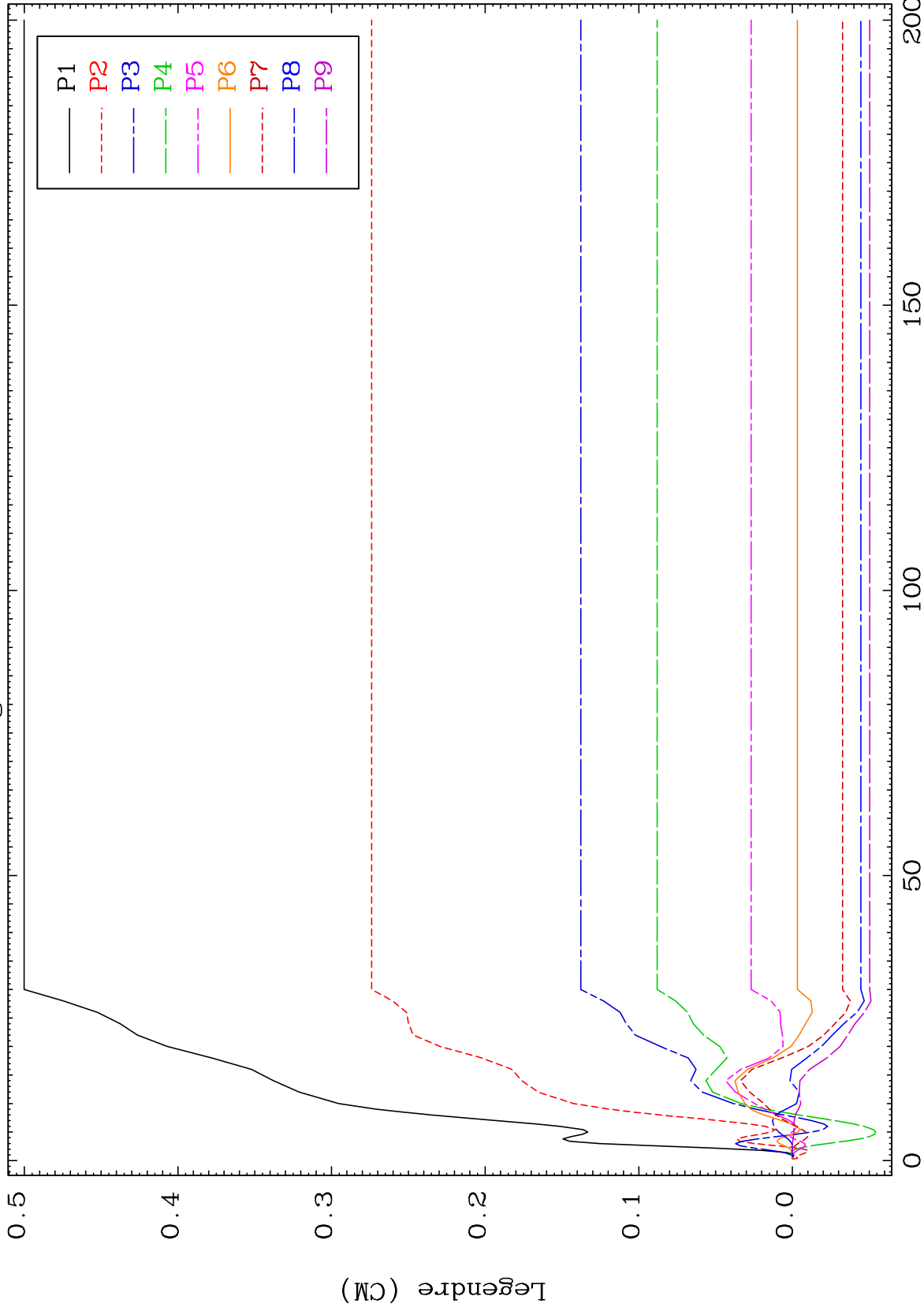
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

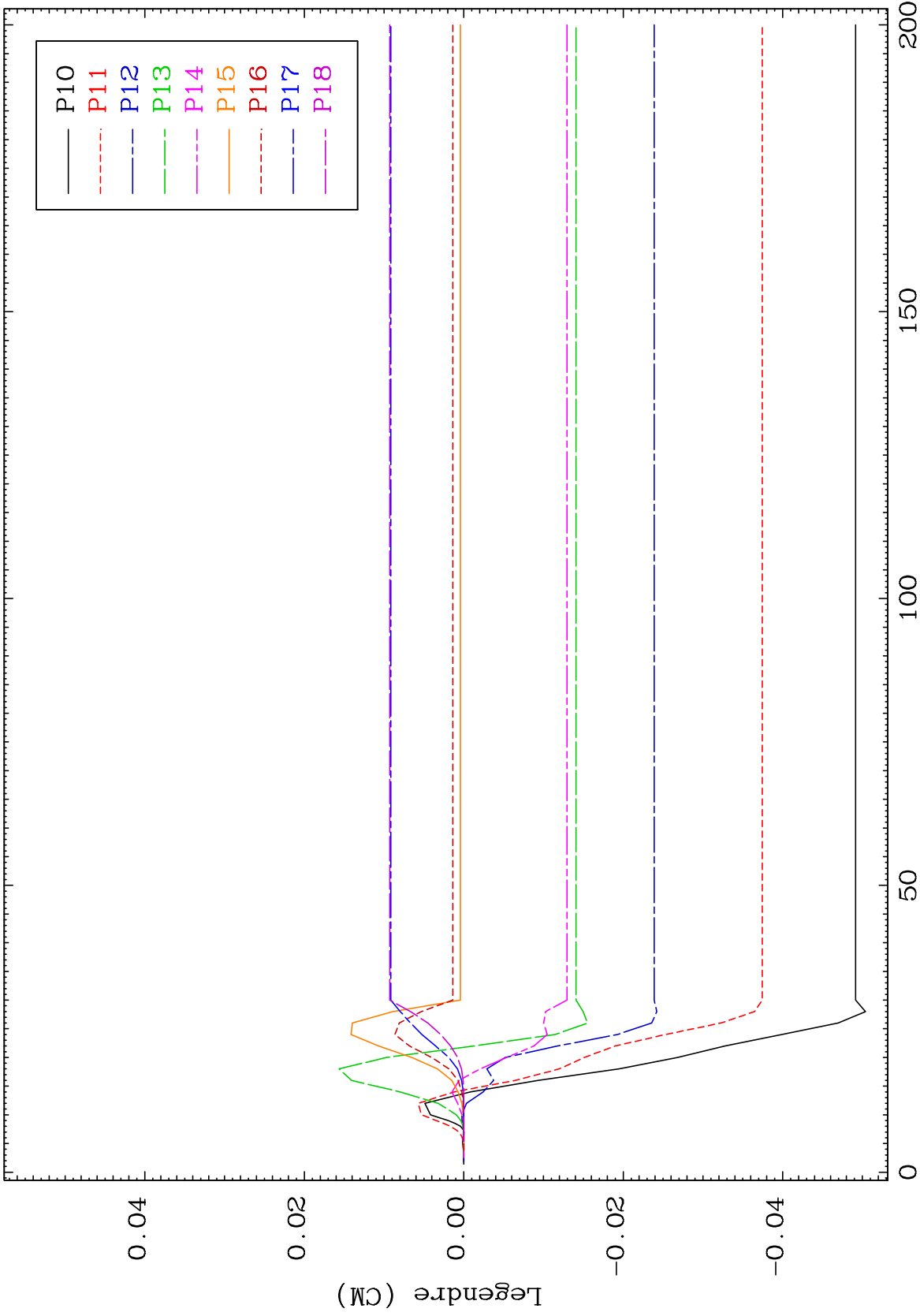
Incident Energy (MeV)

40

MAT 4734

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

47-Ag-110



41

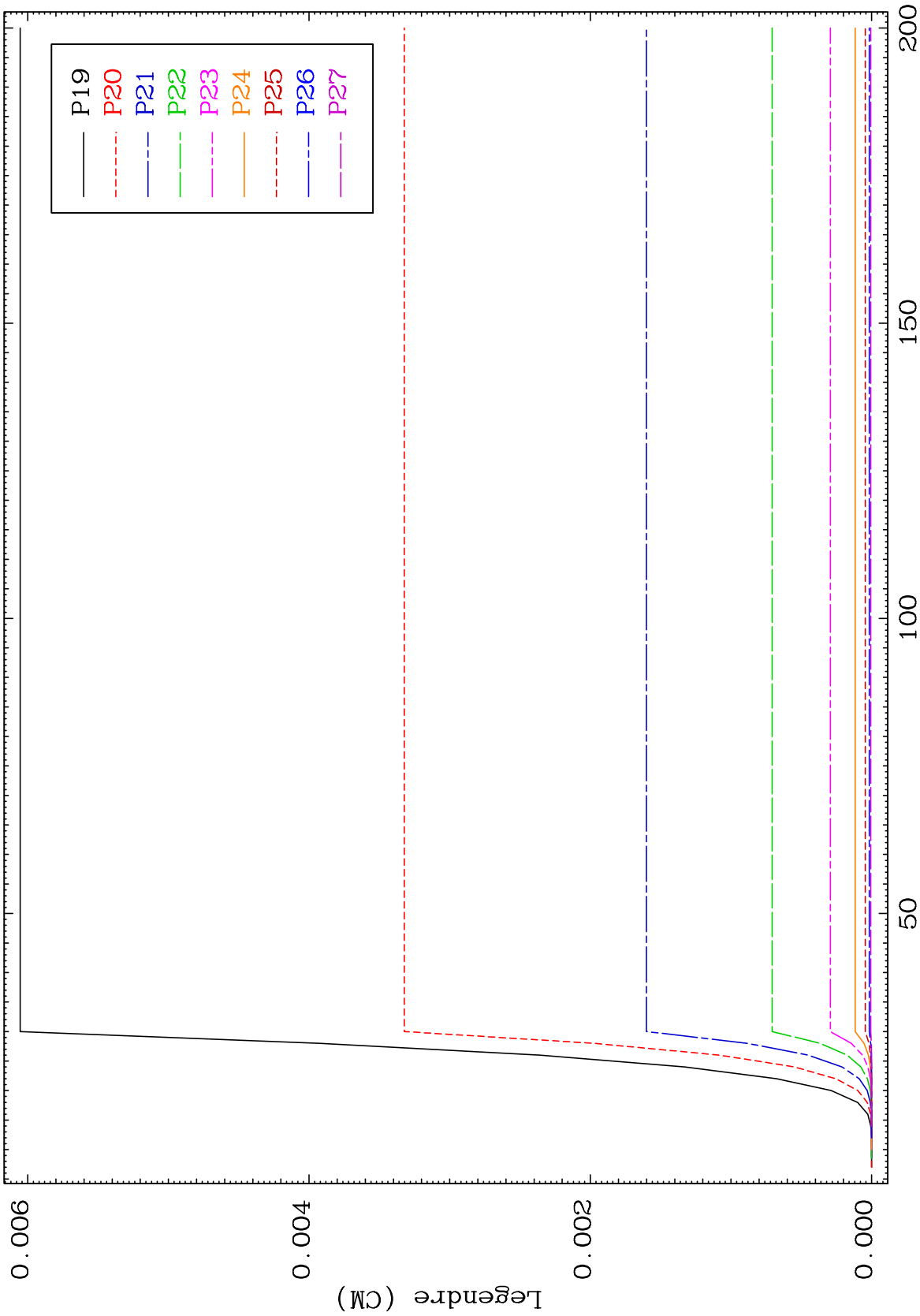
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



42

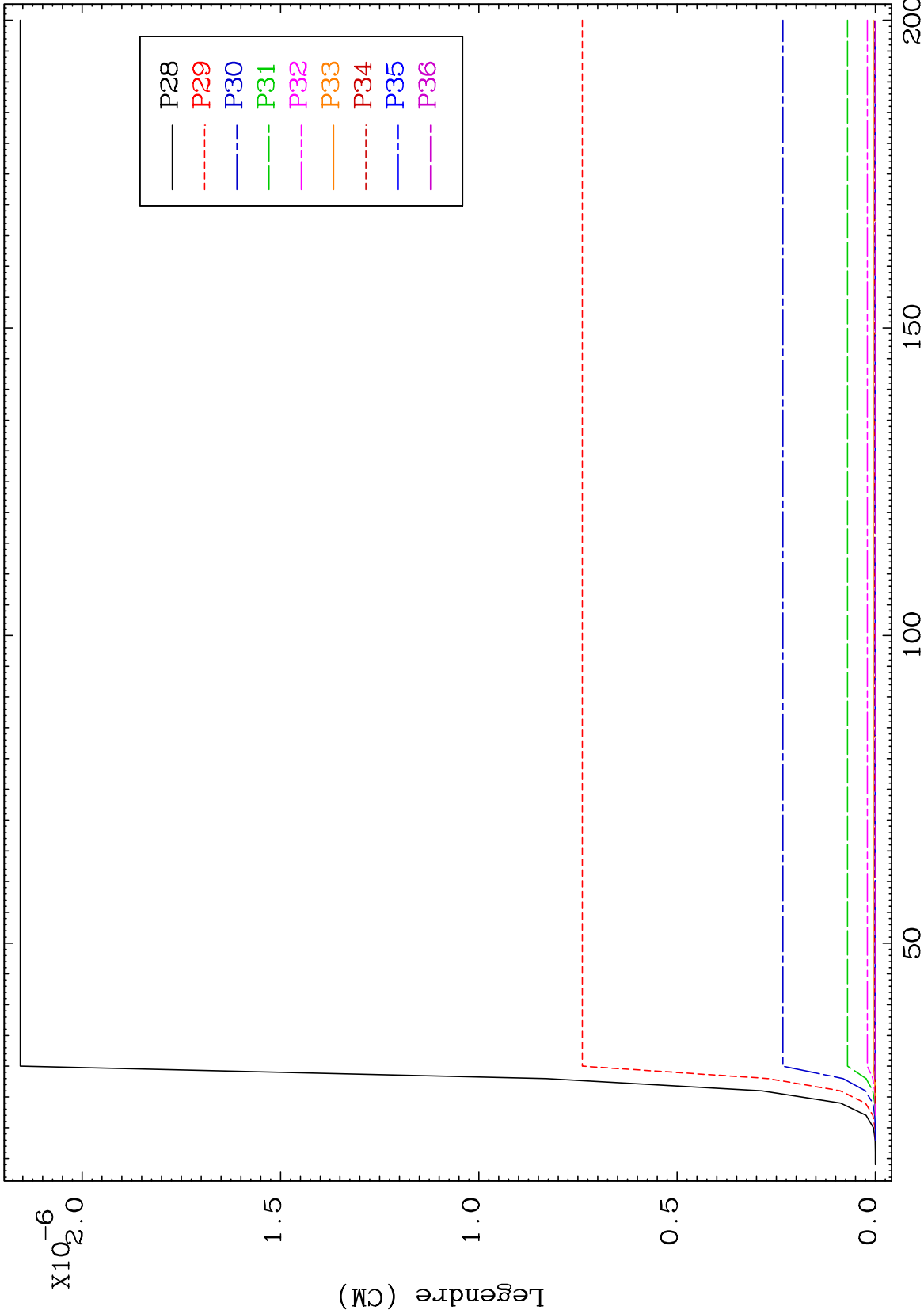
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



43

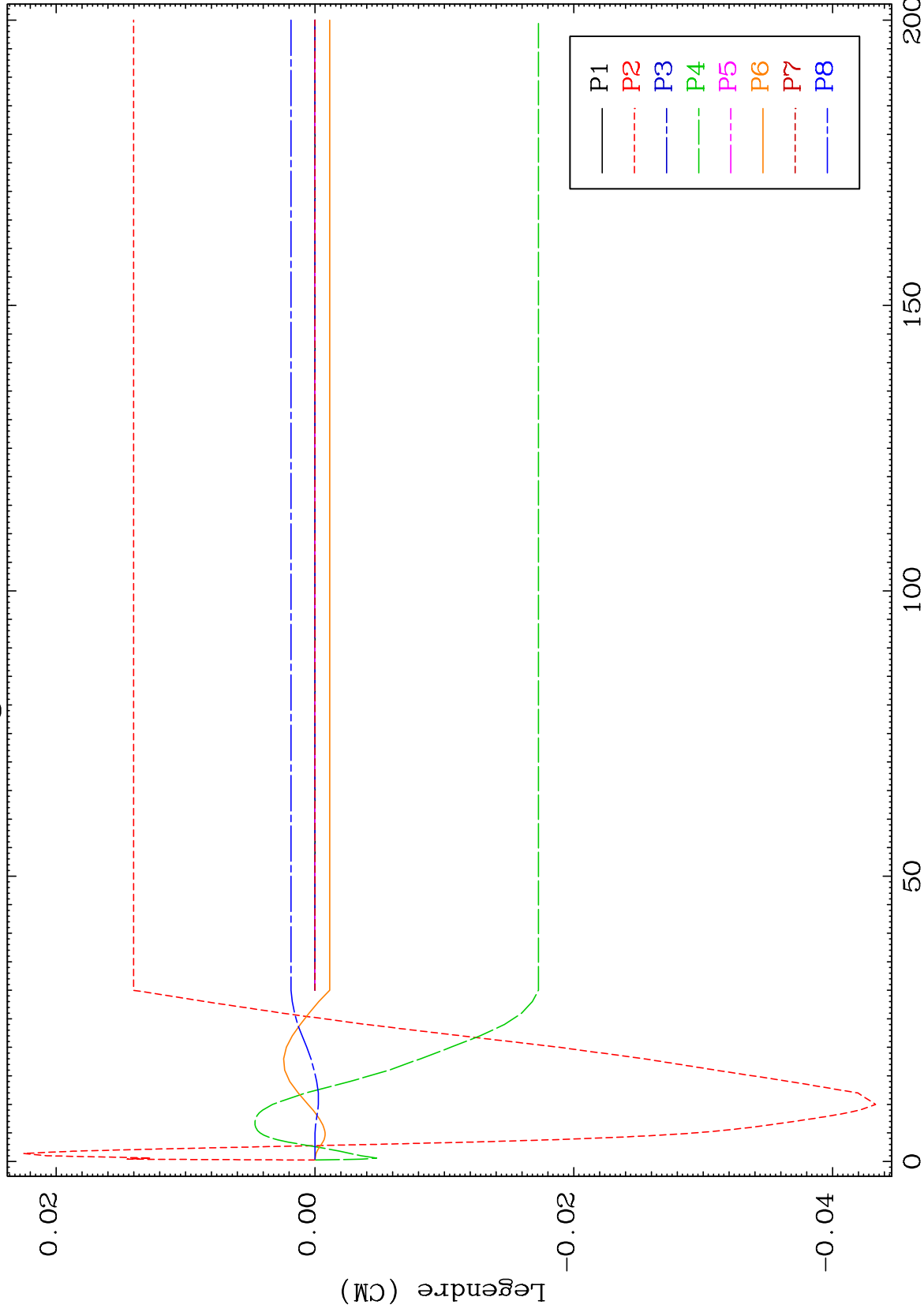
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



44

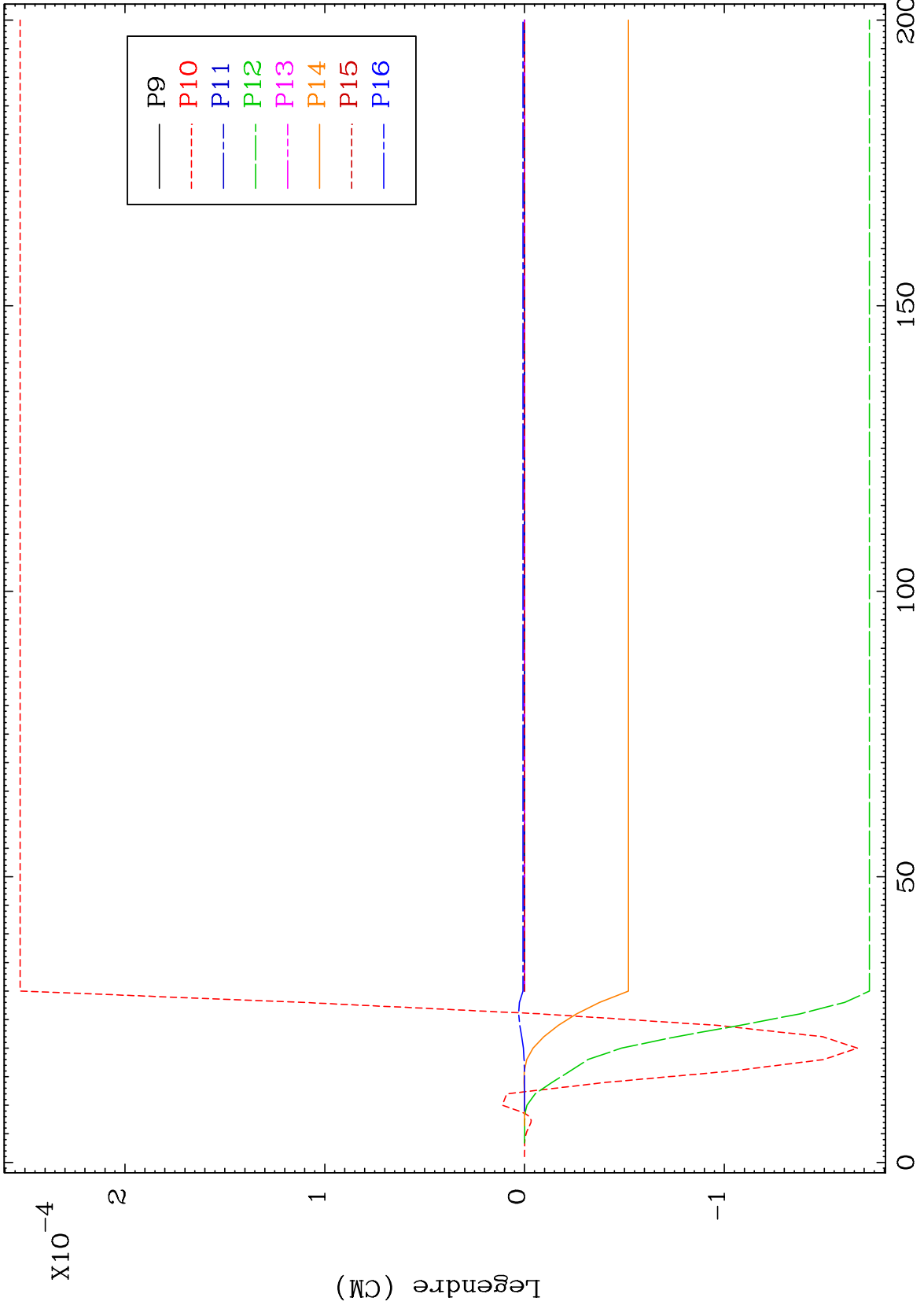
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



45

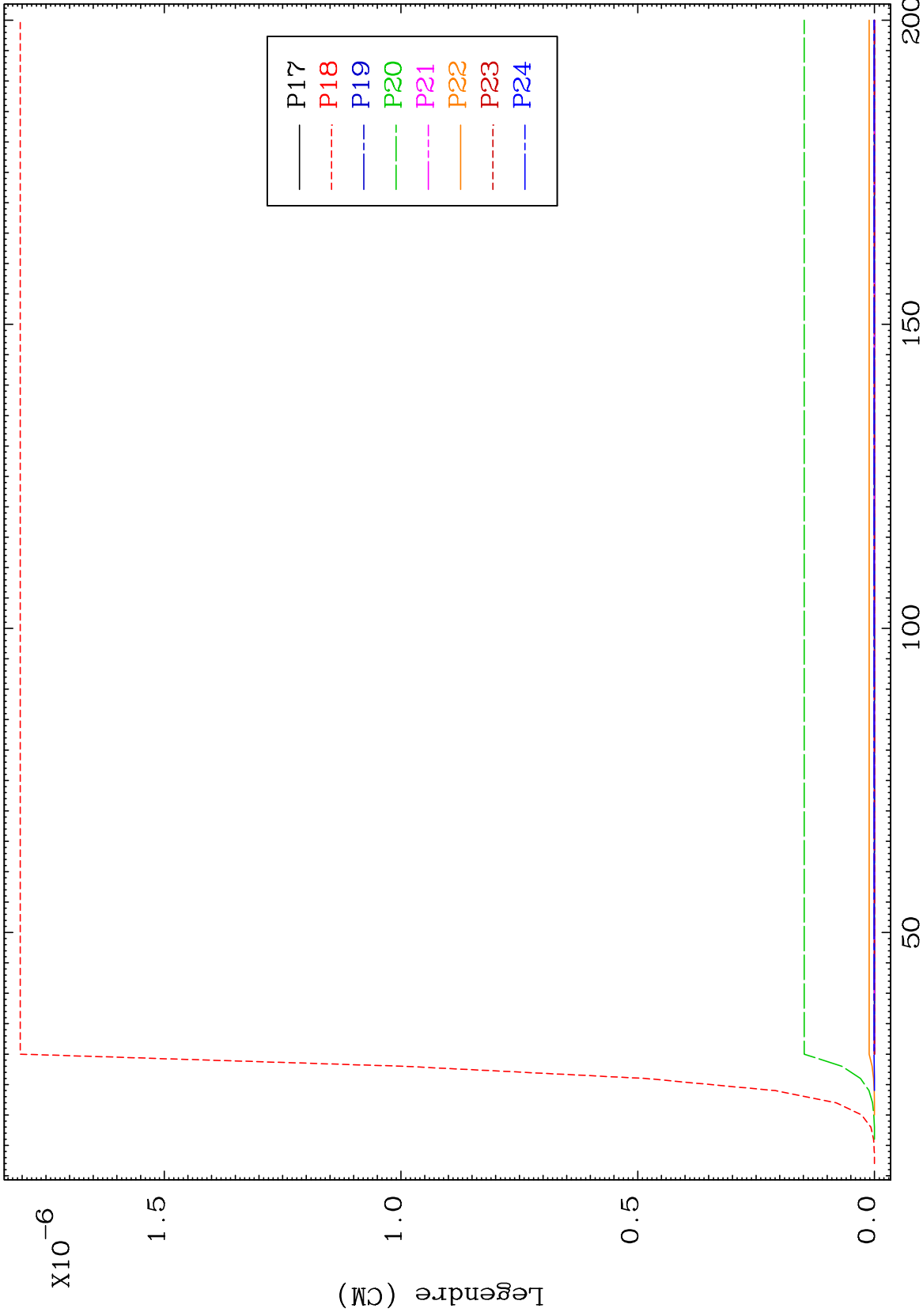
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



46

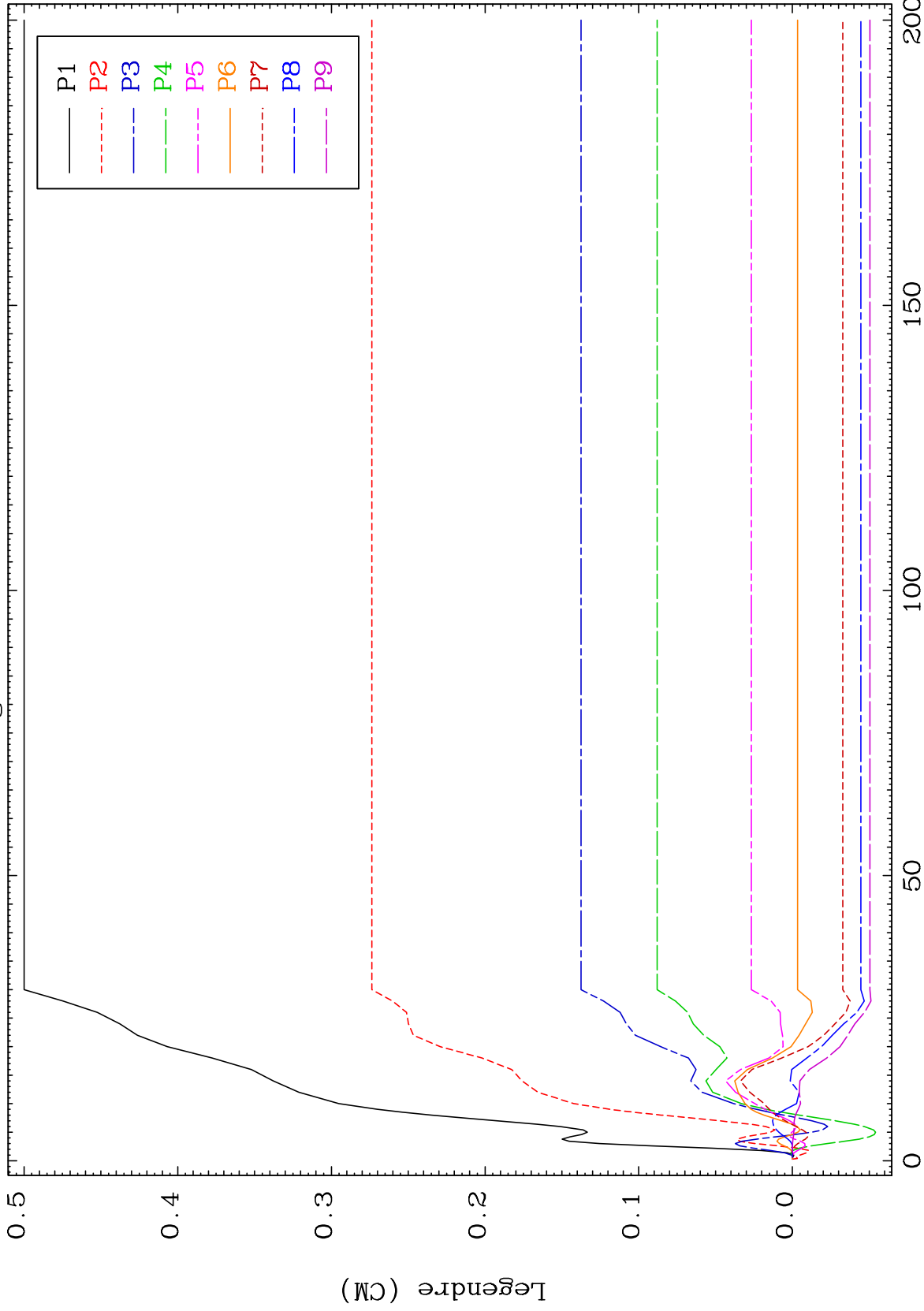
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47

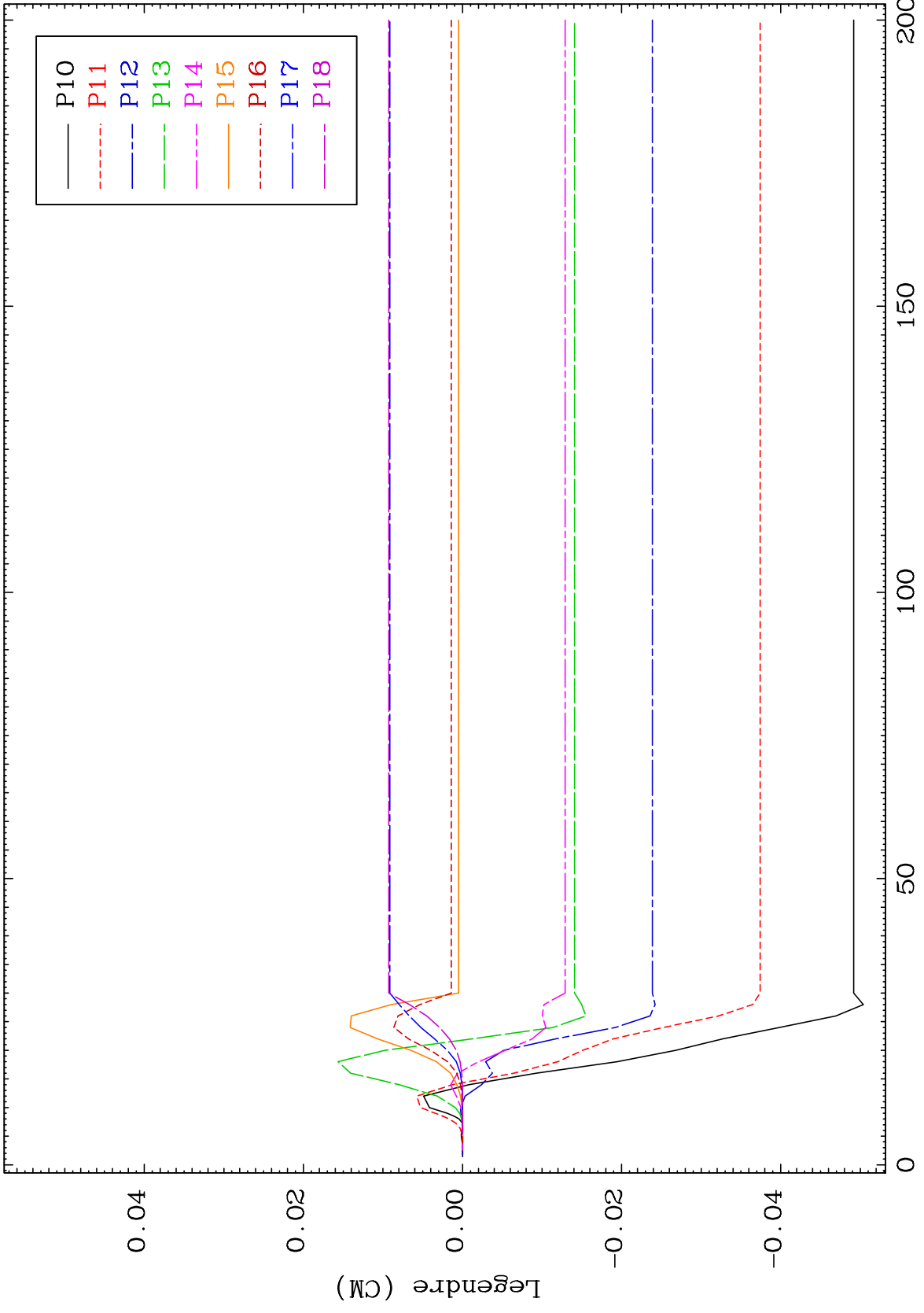
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



48

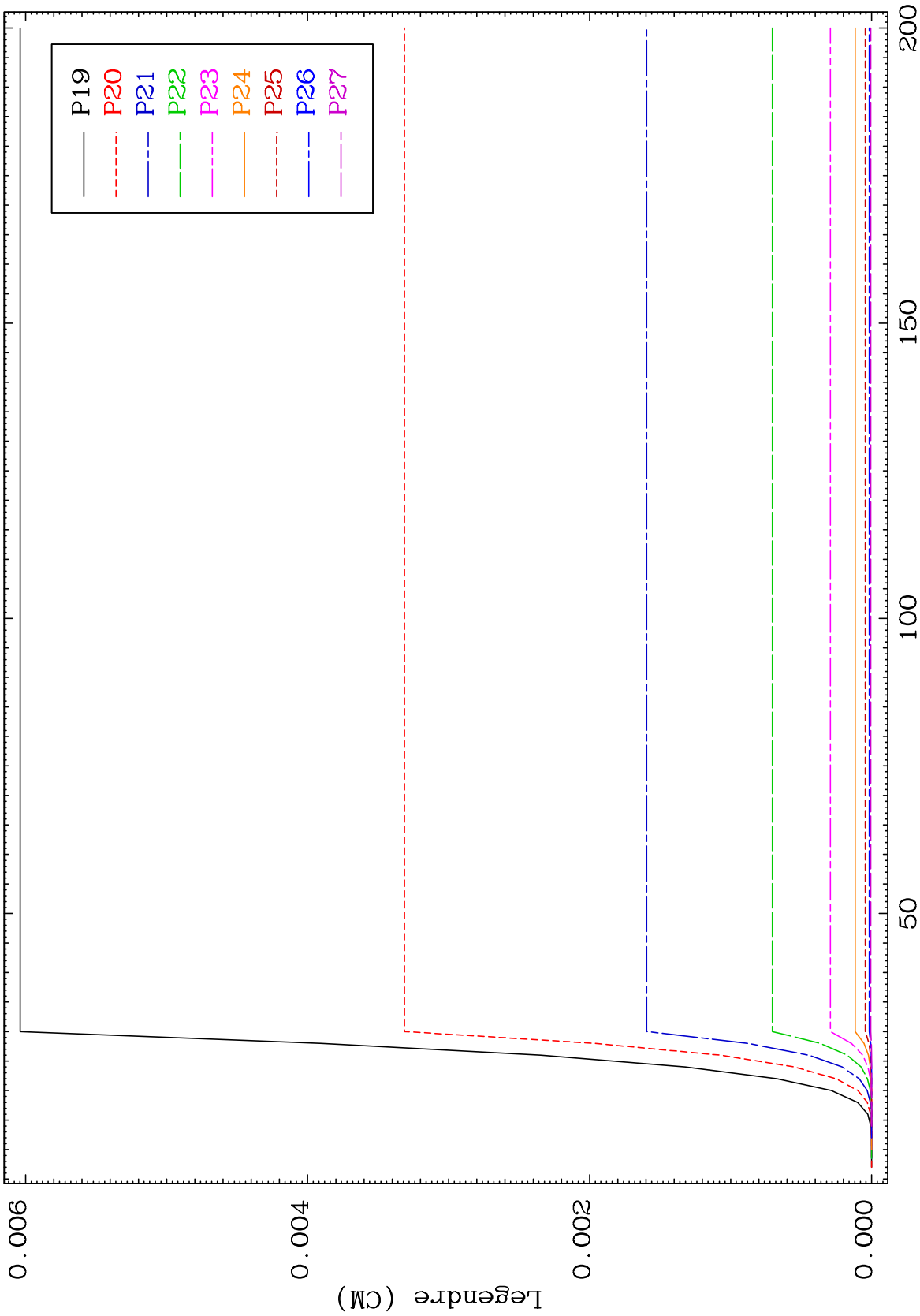
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



49

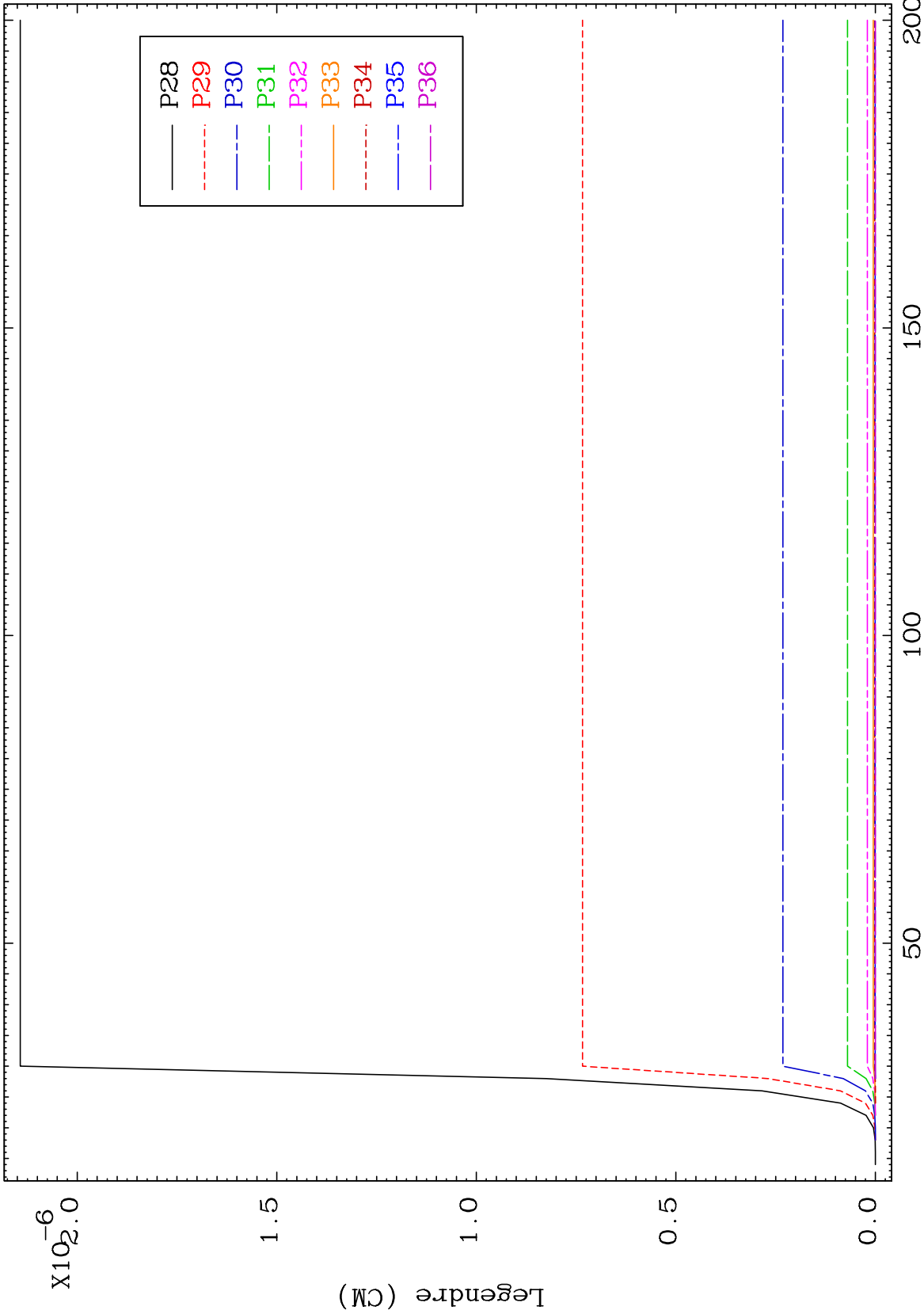
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



50

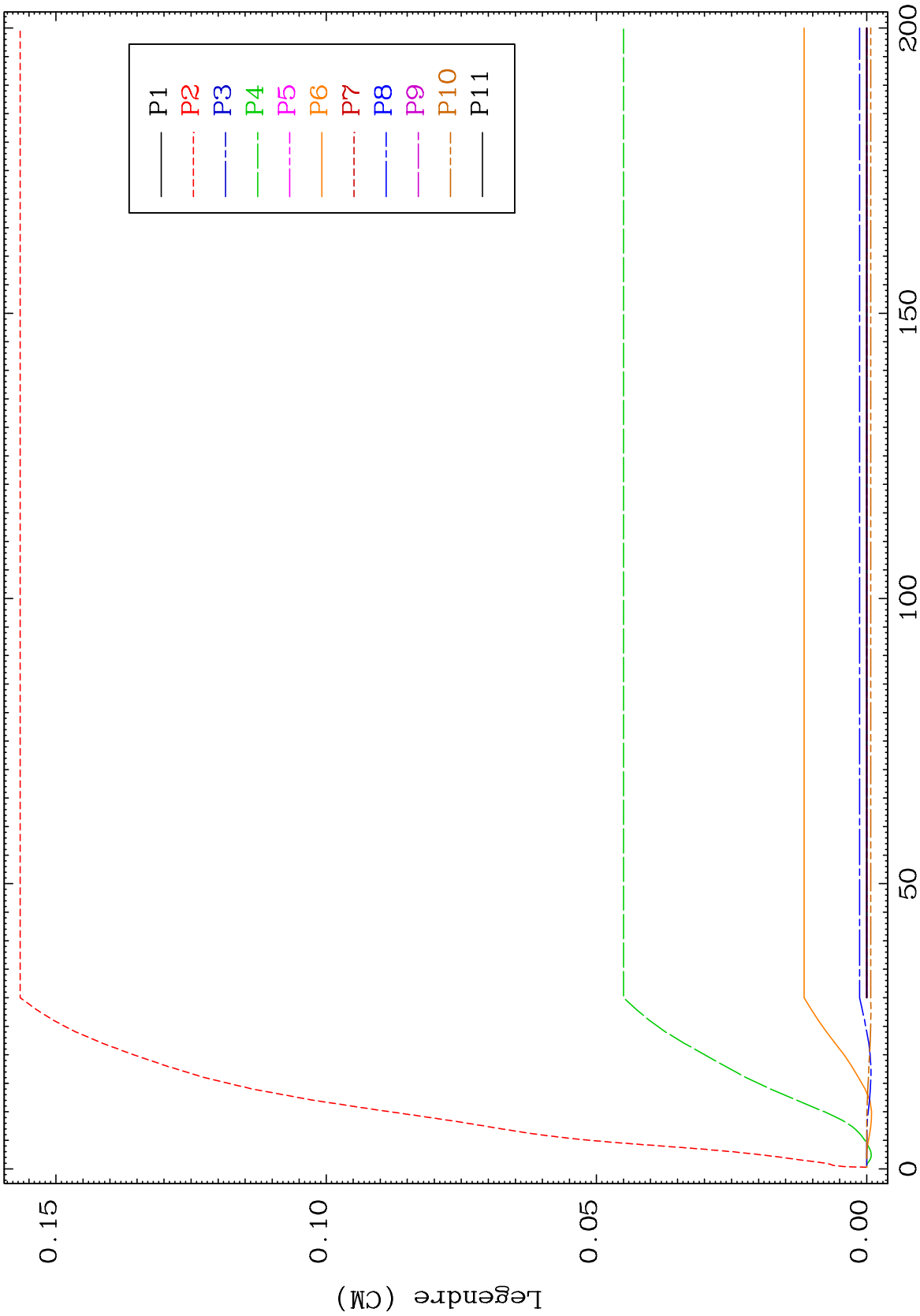
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



51

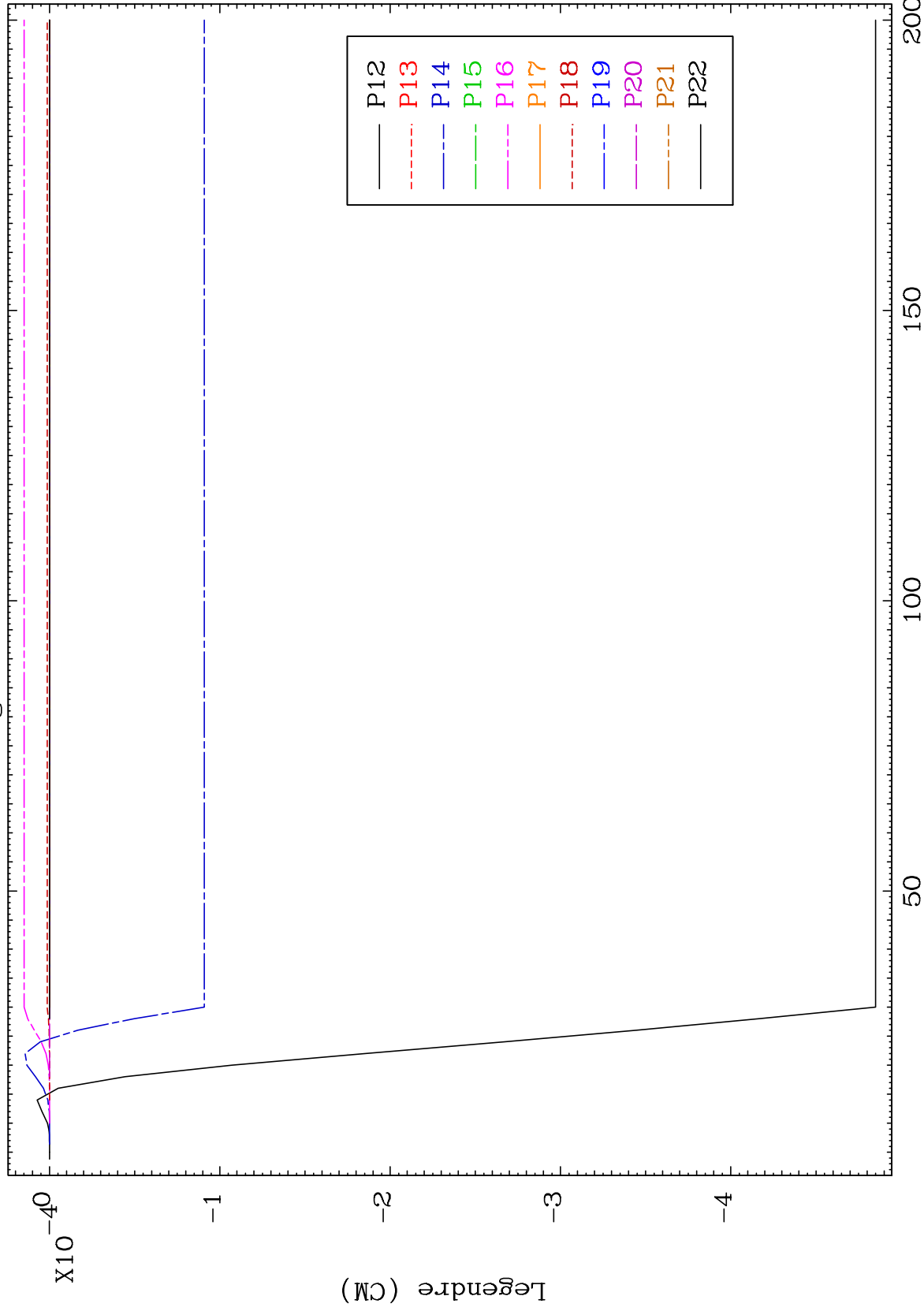
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



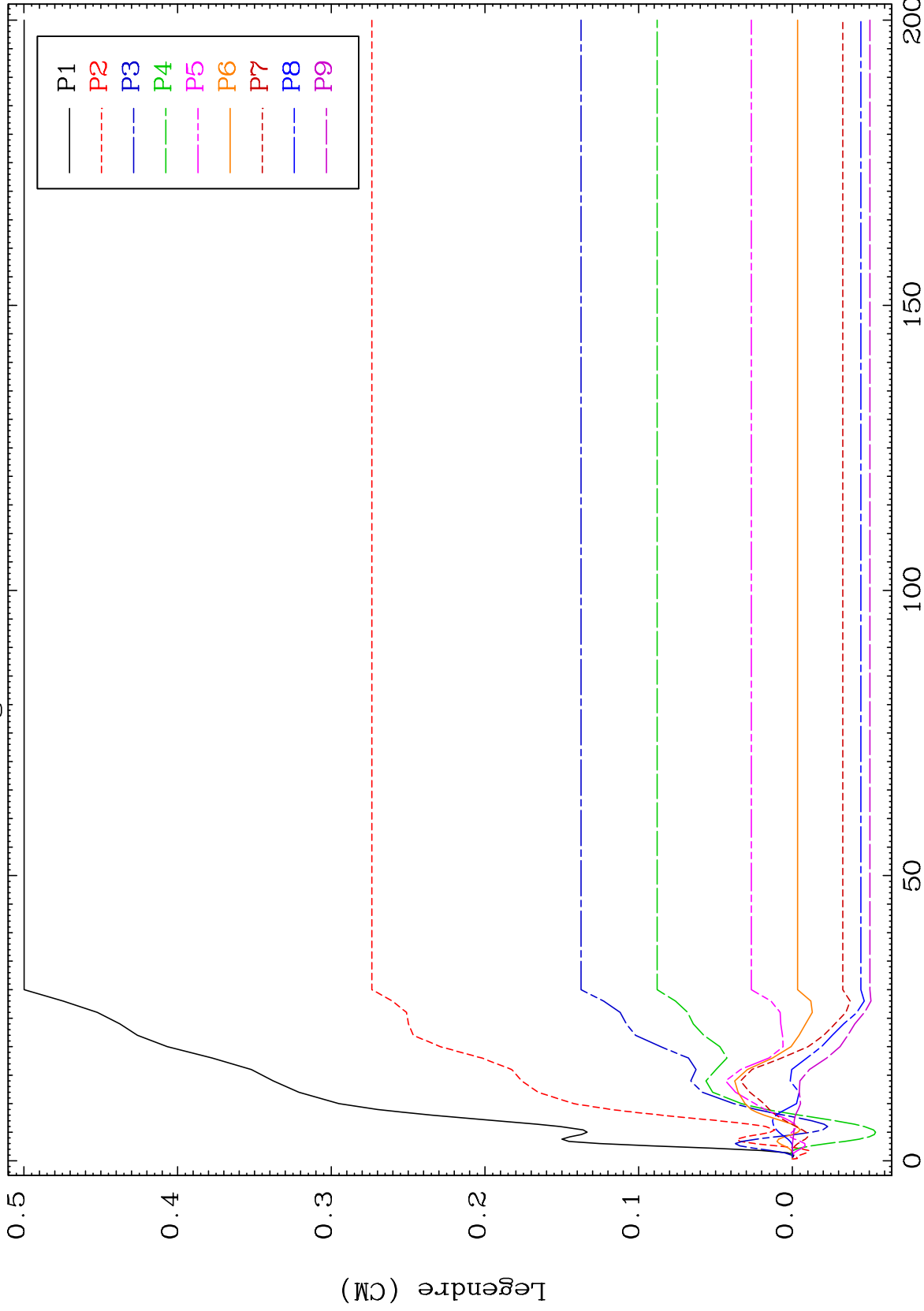
52

47-Ag-110

MAT 4734

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

47-Ag-110



53

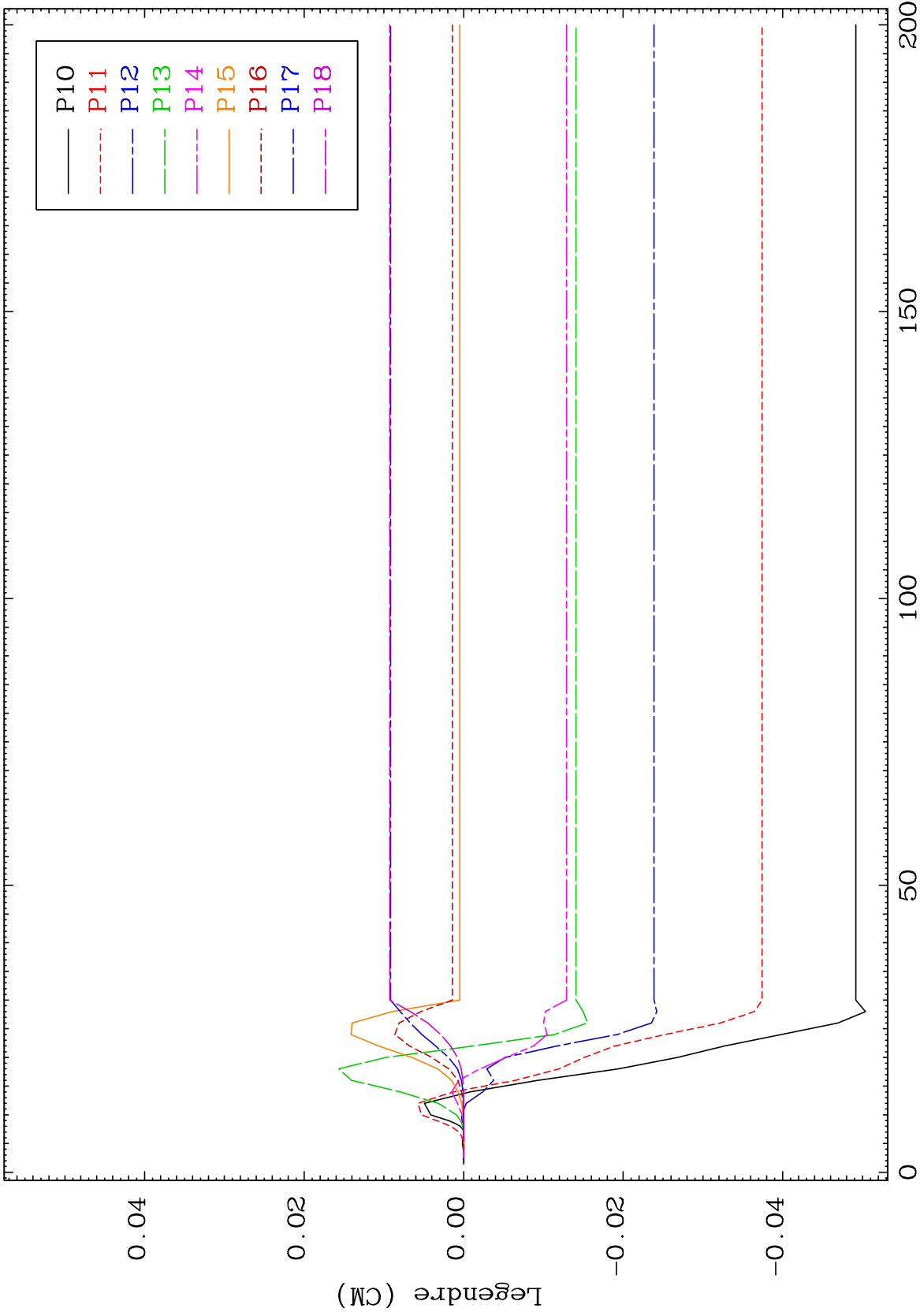
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



54

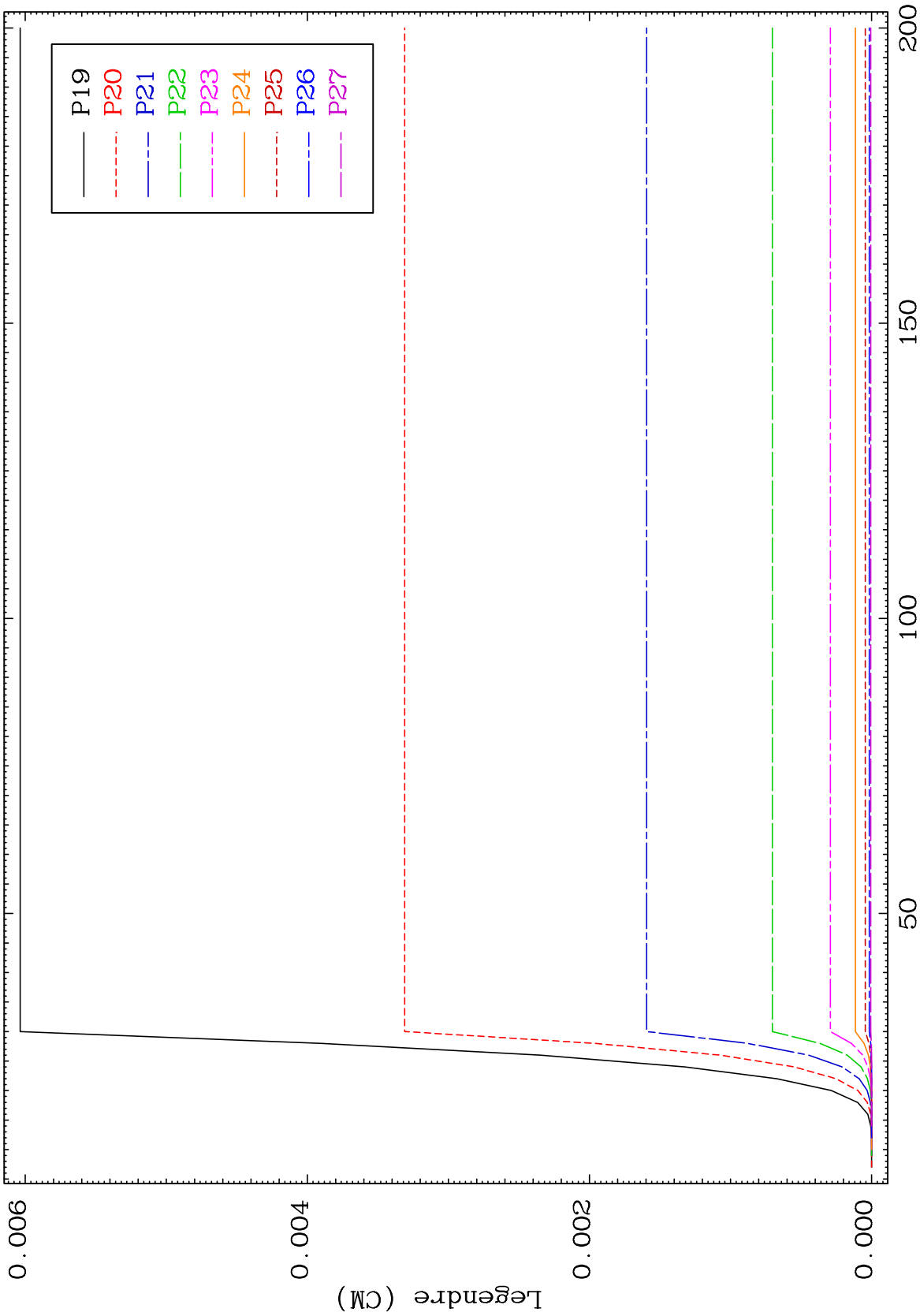
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



55

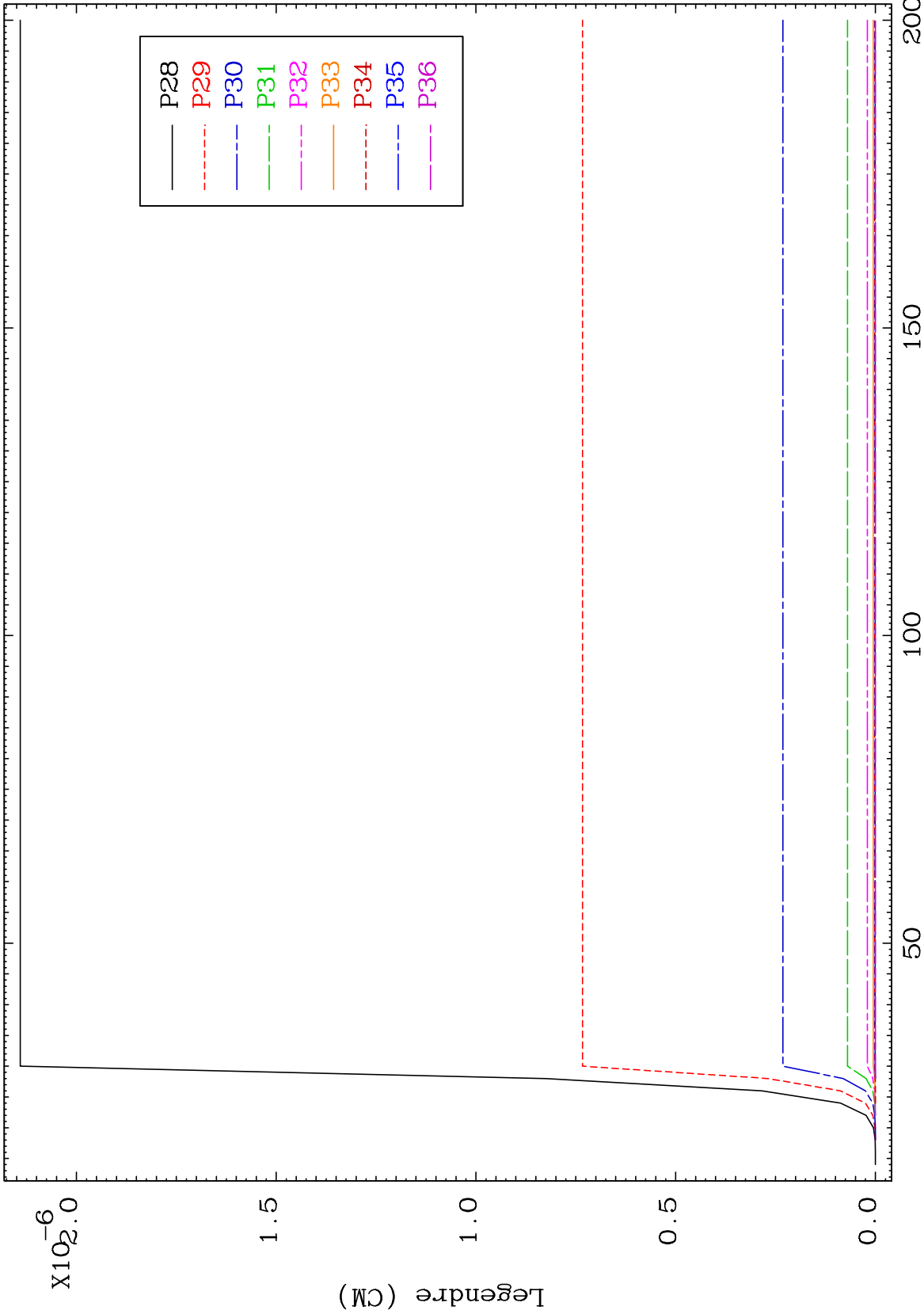
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



56

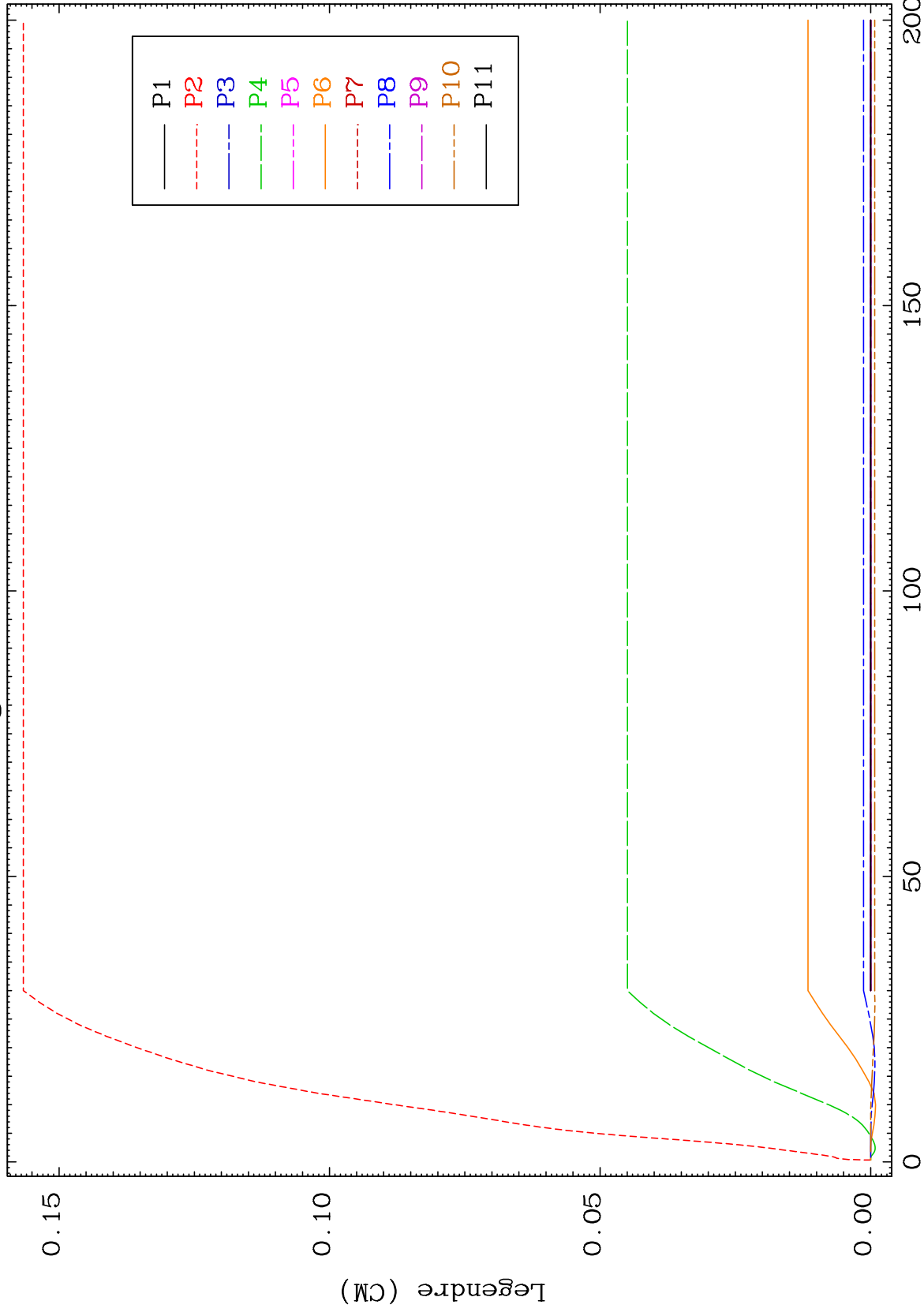
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



57

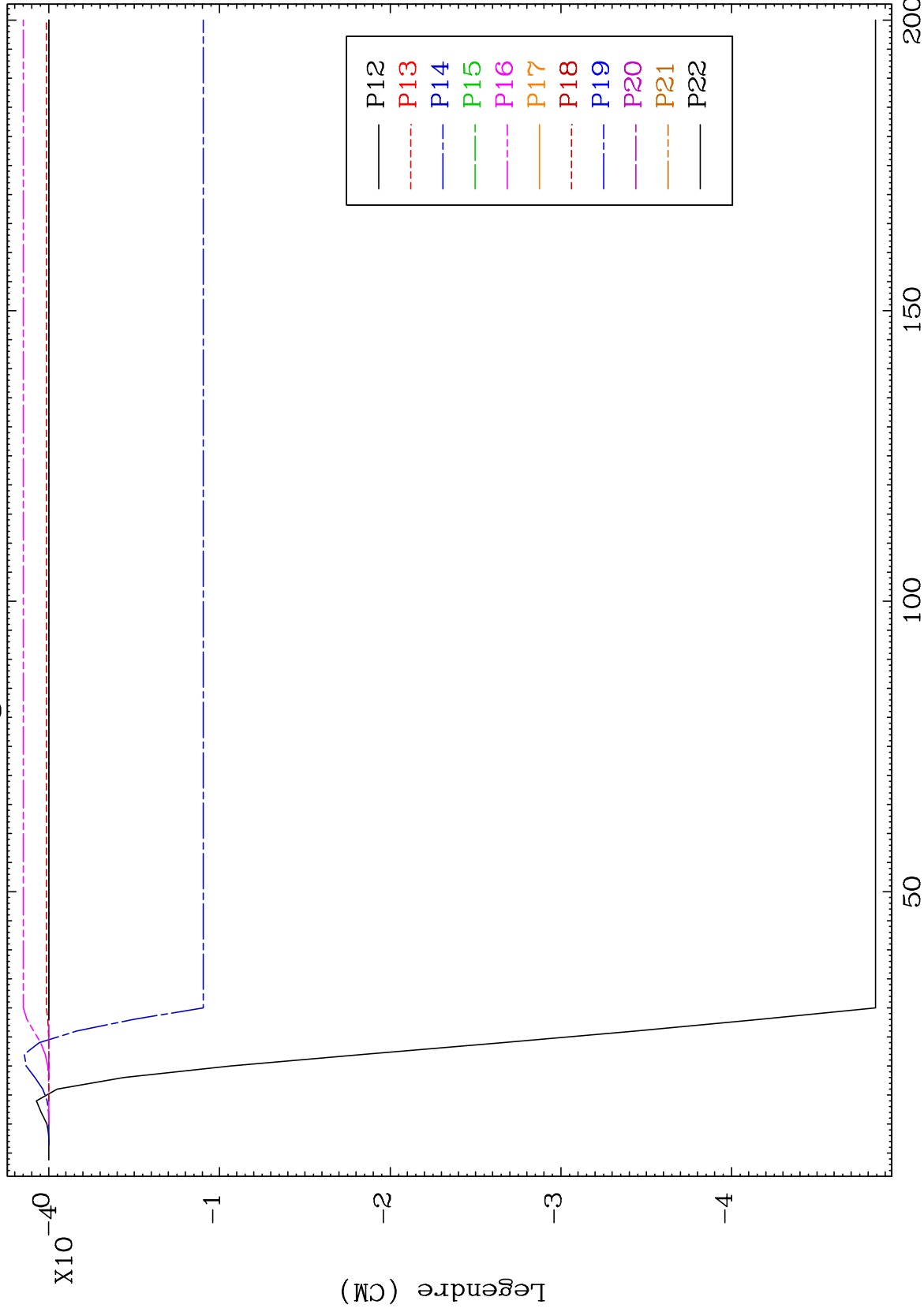
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



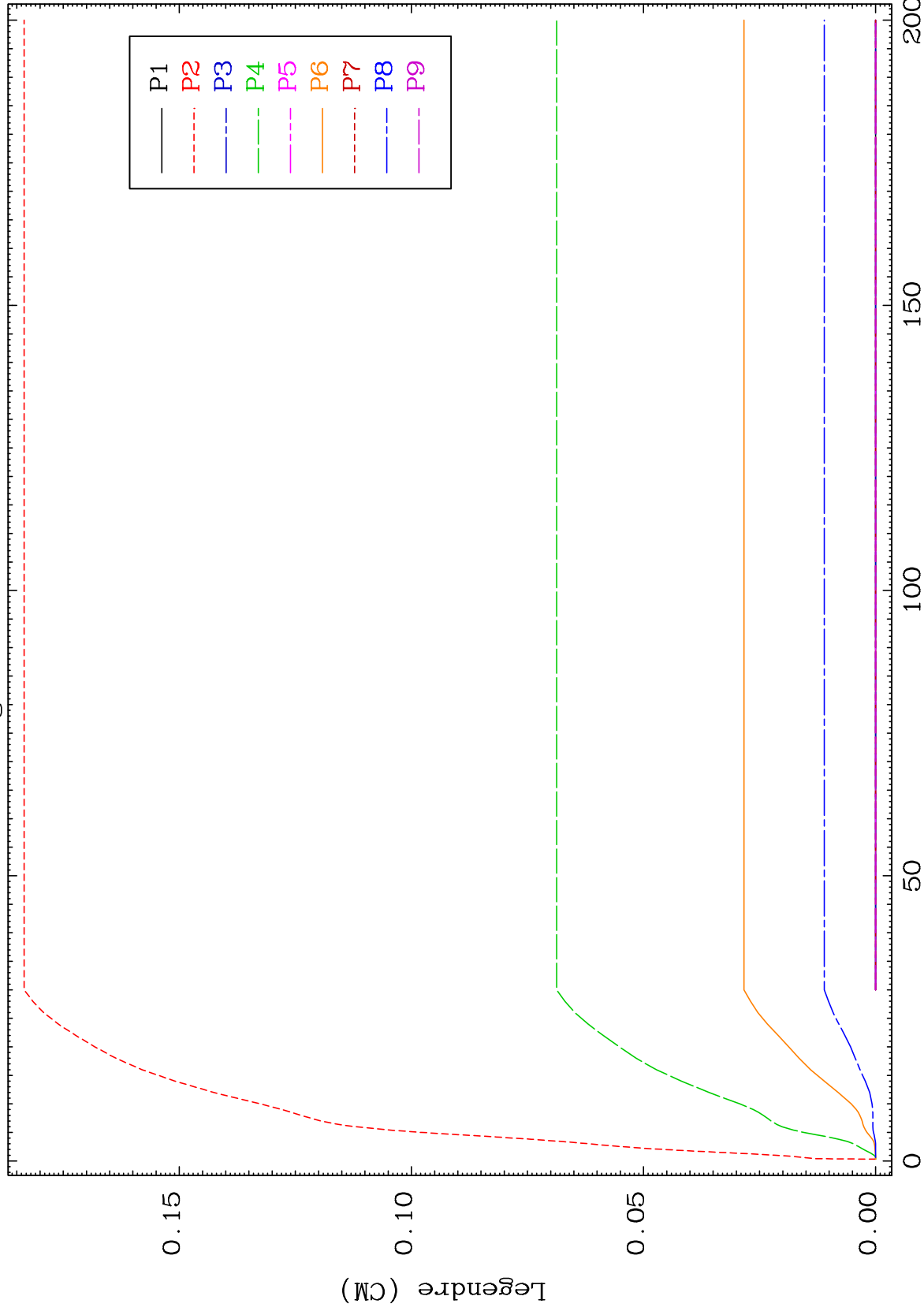
58

47-Ag-110

MAT 4734

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

47-Ag-110



59

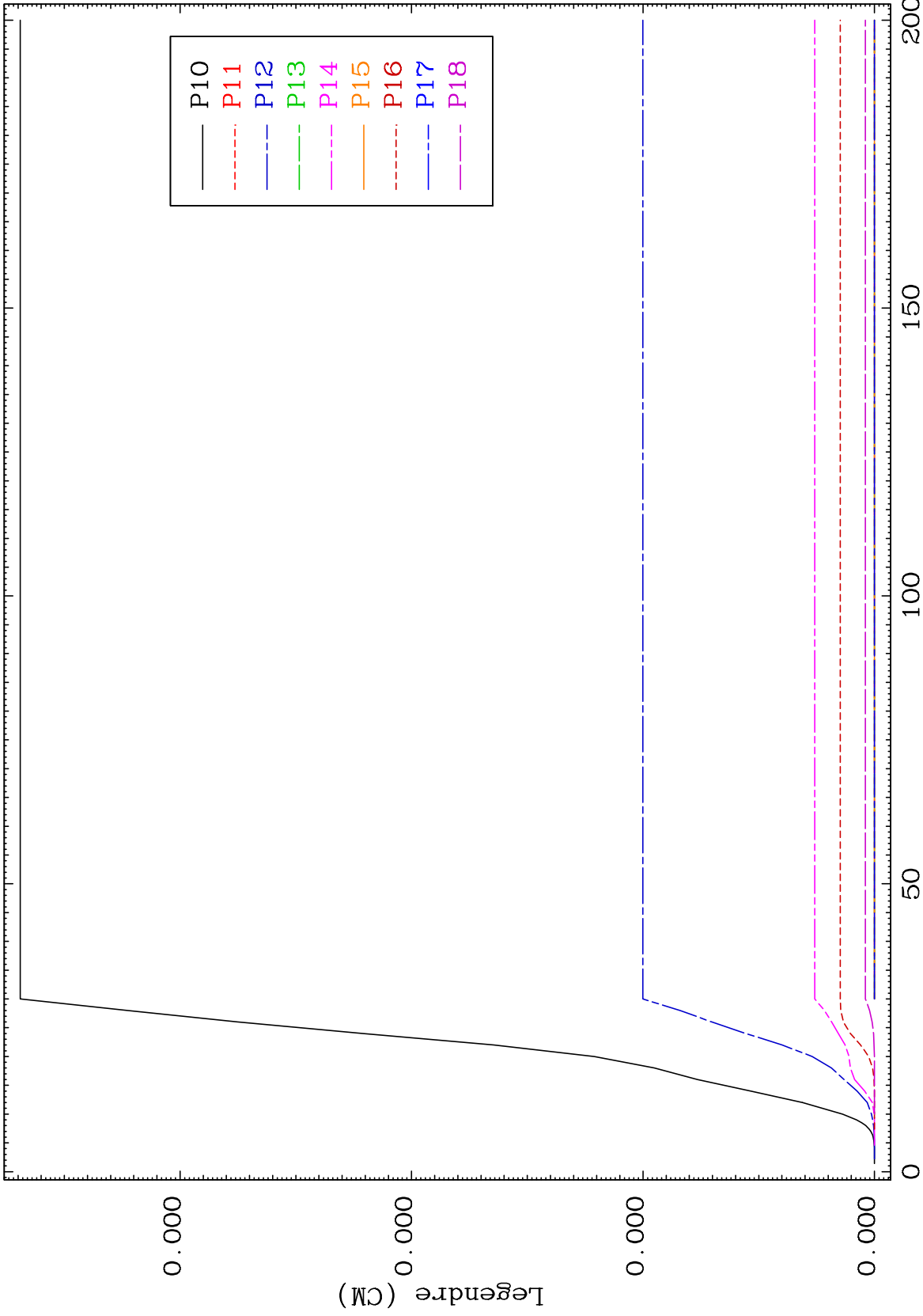
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



0

0.000

0.000

0.000

0.000

0

50

100

150

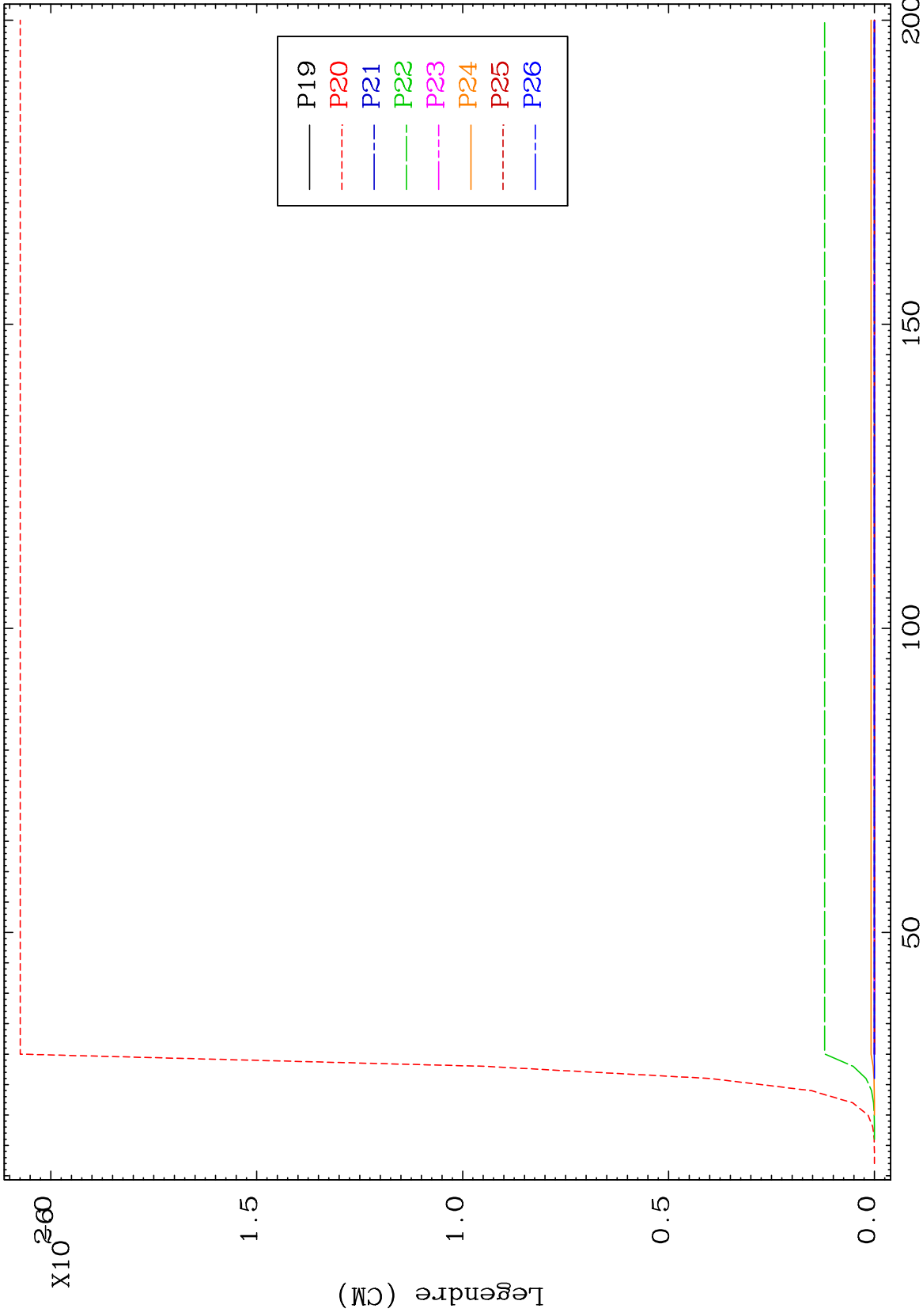
200

47-Ag-110

MAT 4734

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

47-Ag-110



61

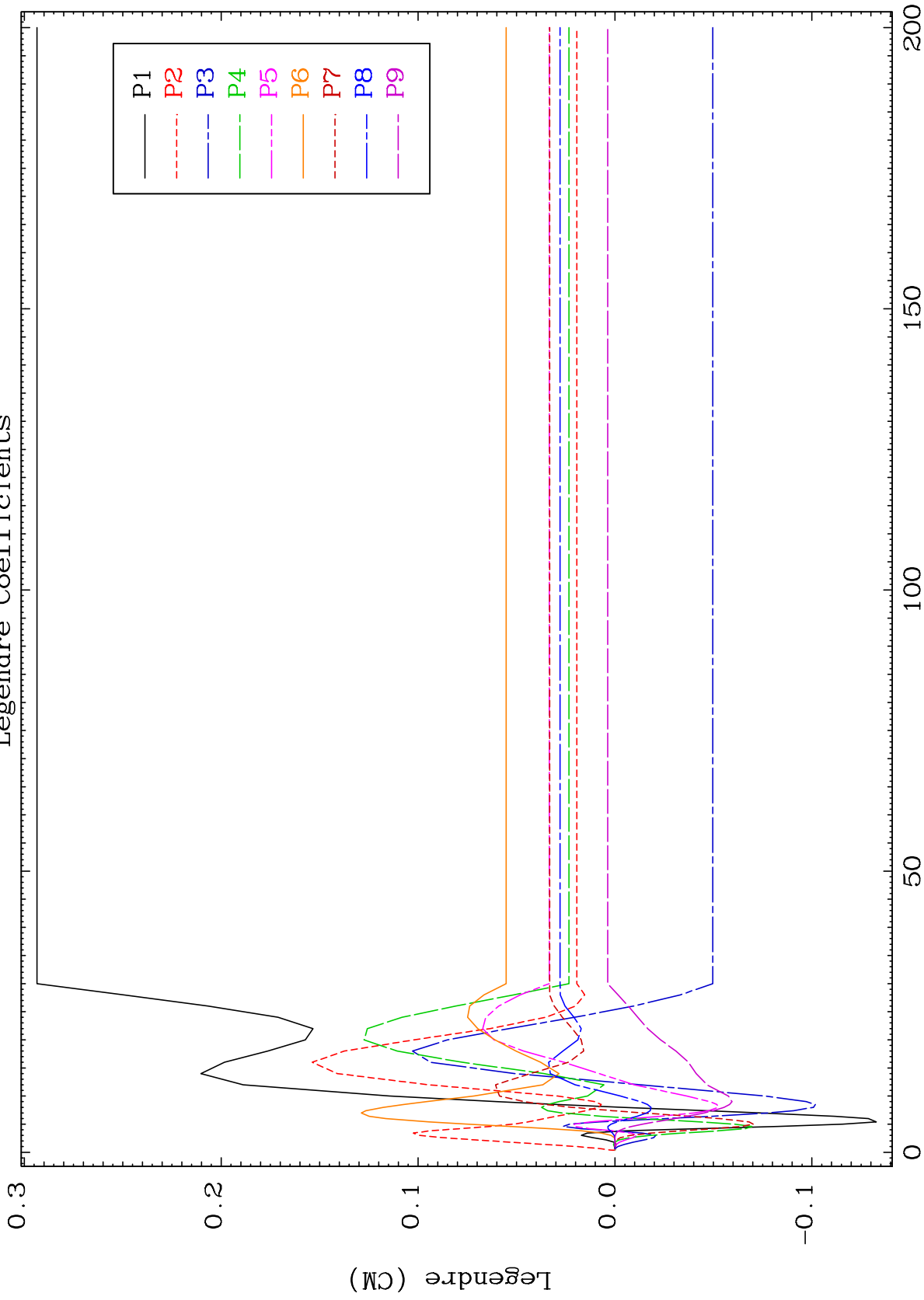
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



62

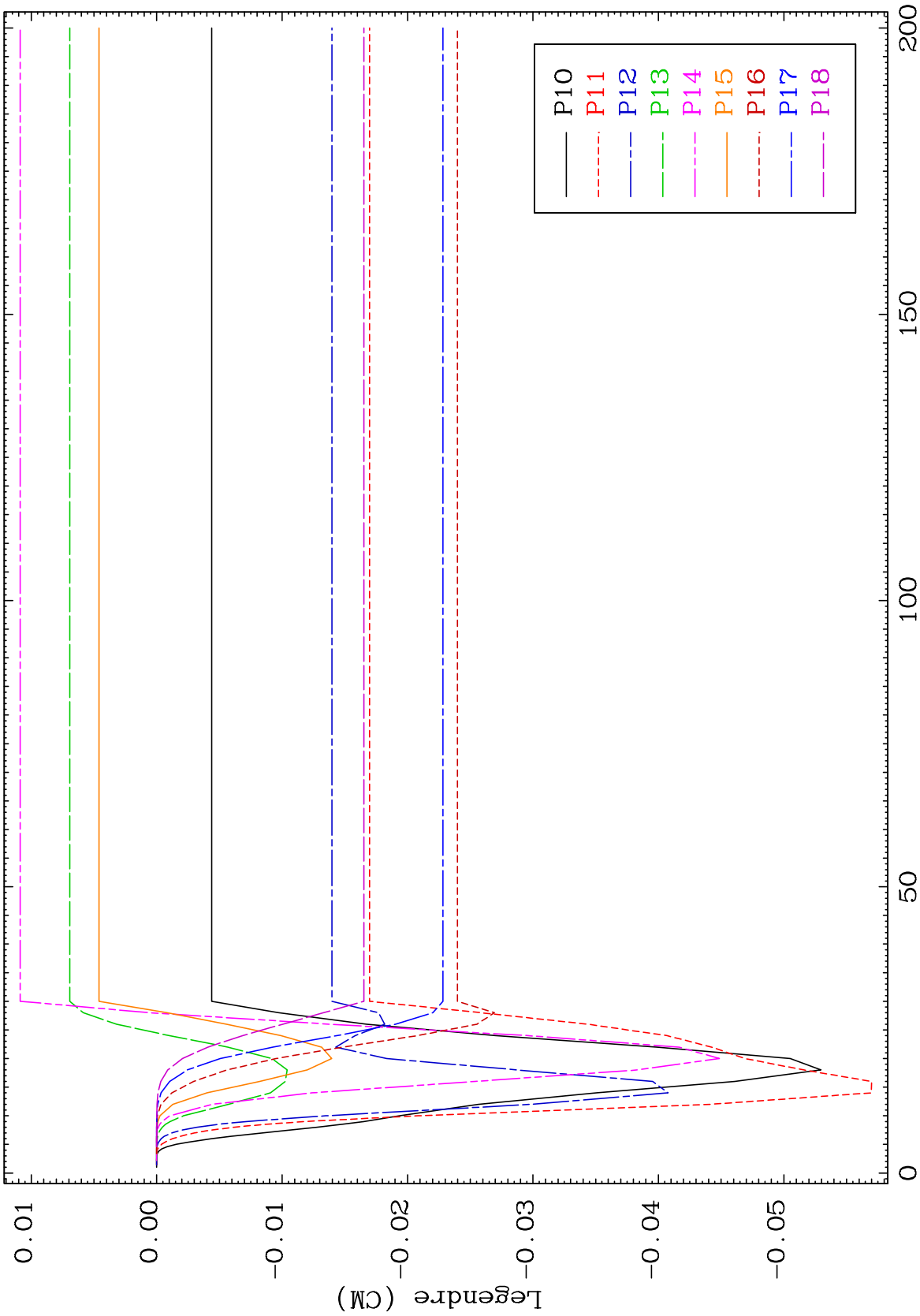
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



63

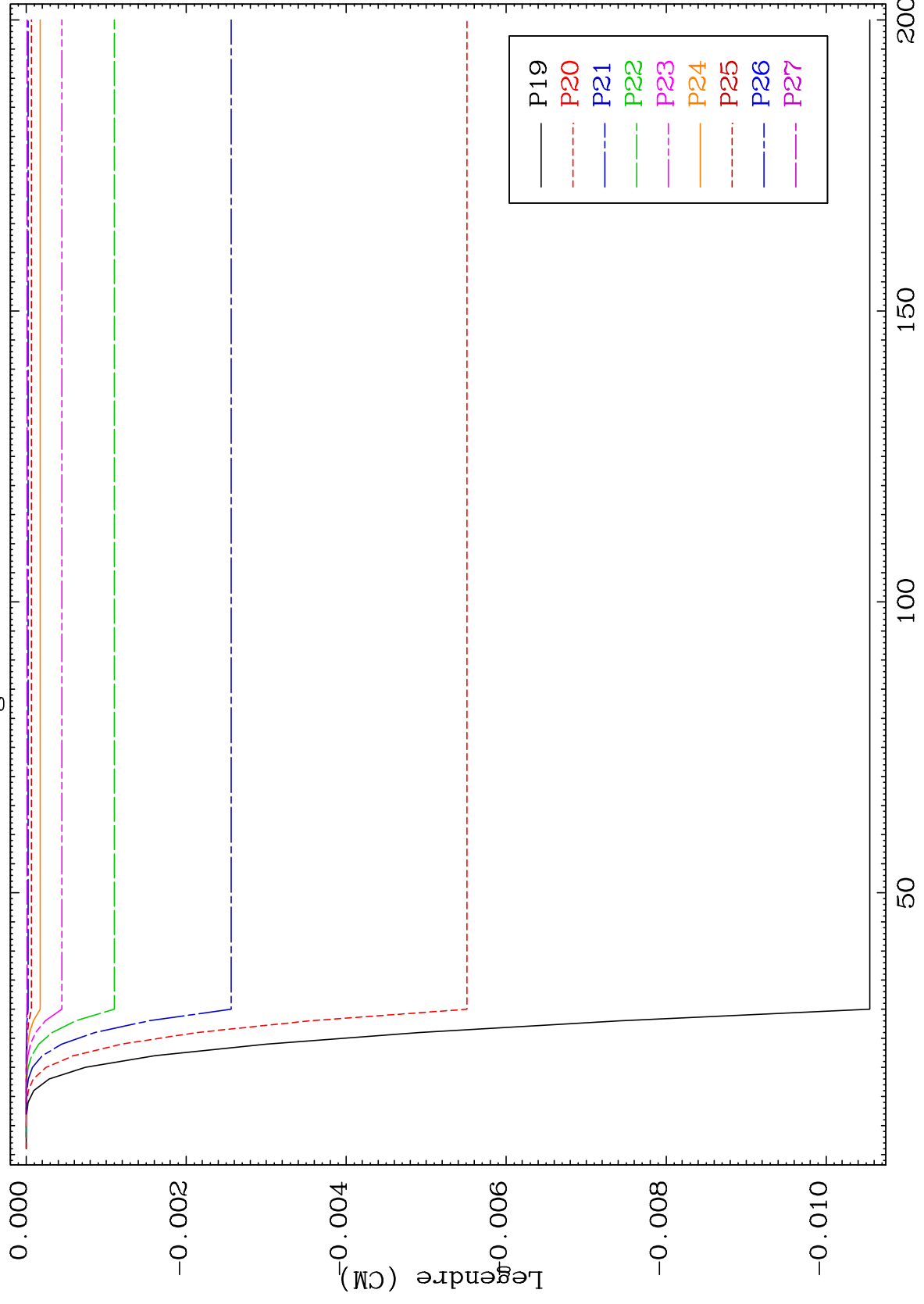
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

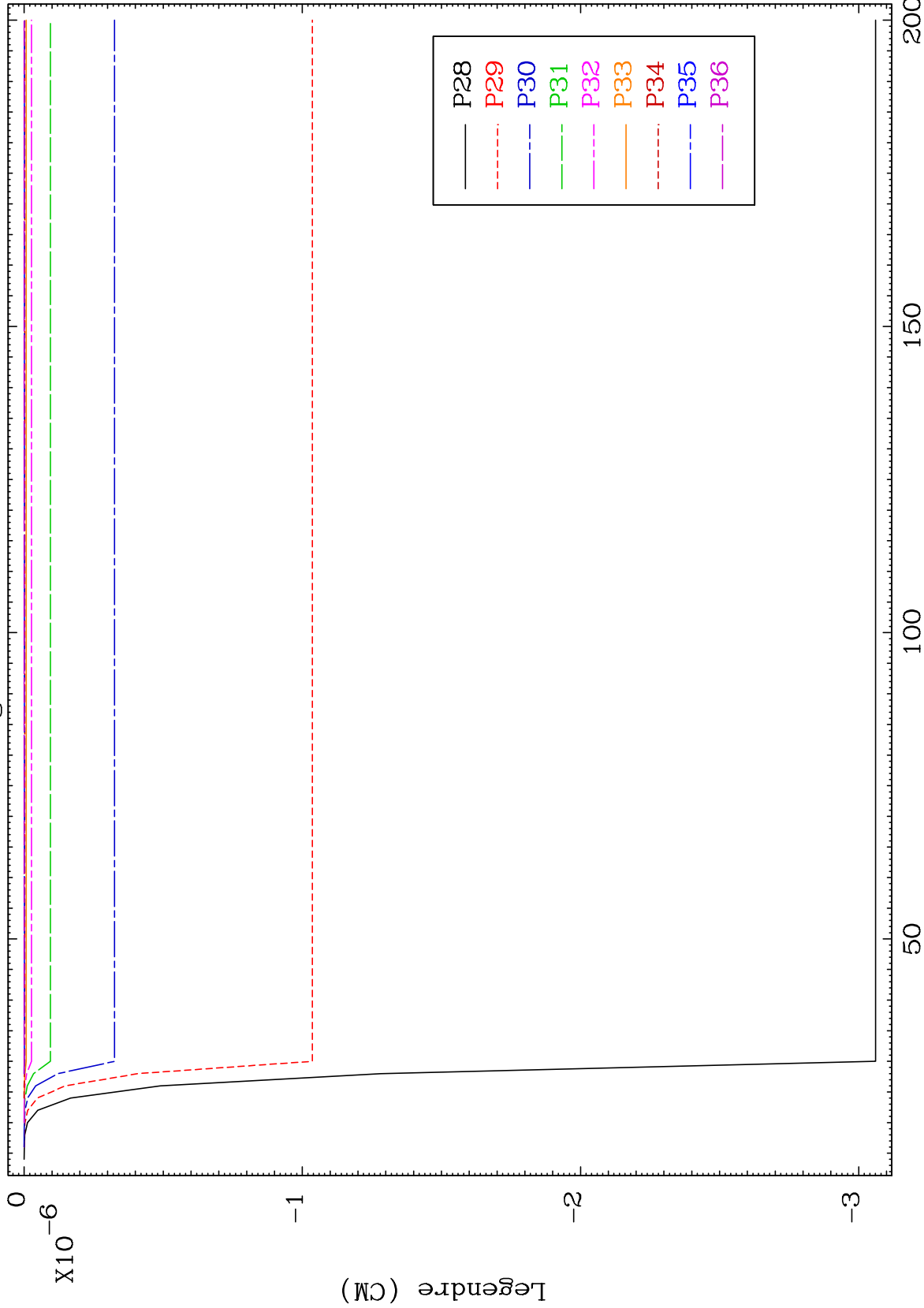
Incident Energy (MeV)

64

MAT 4734

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

47-Ag-110



65

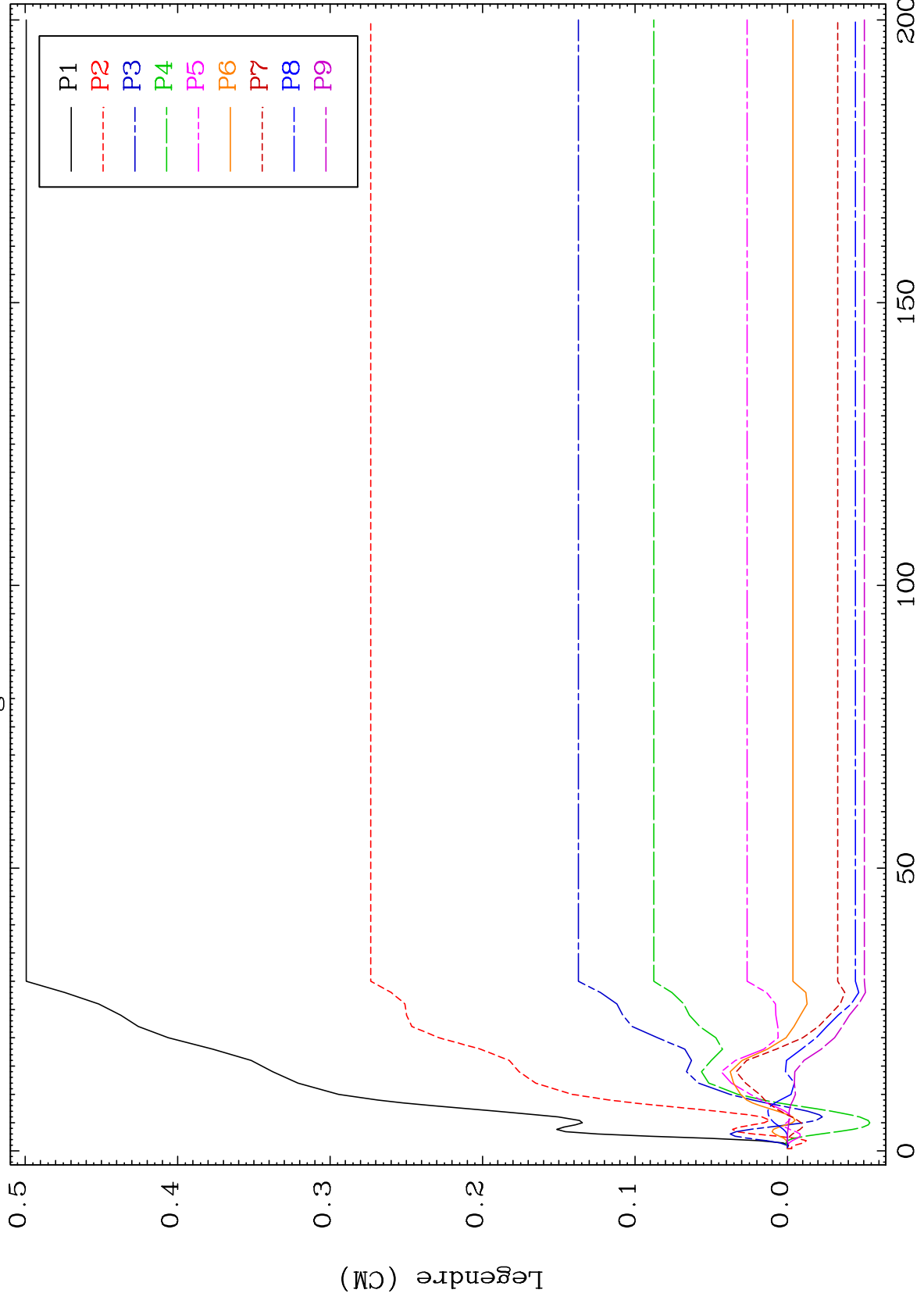
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



66

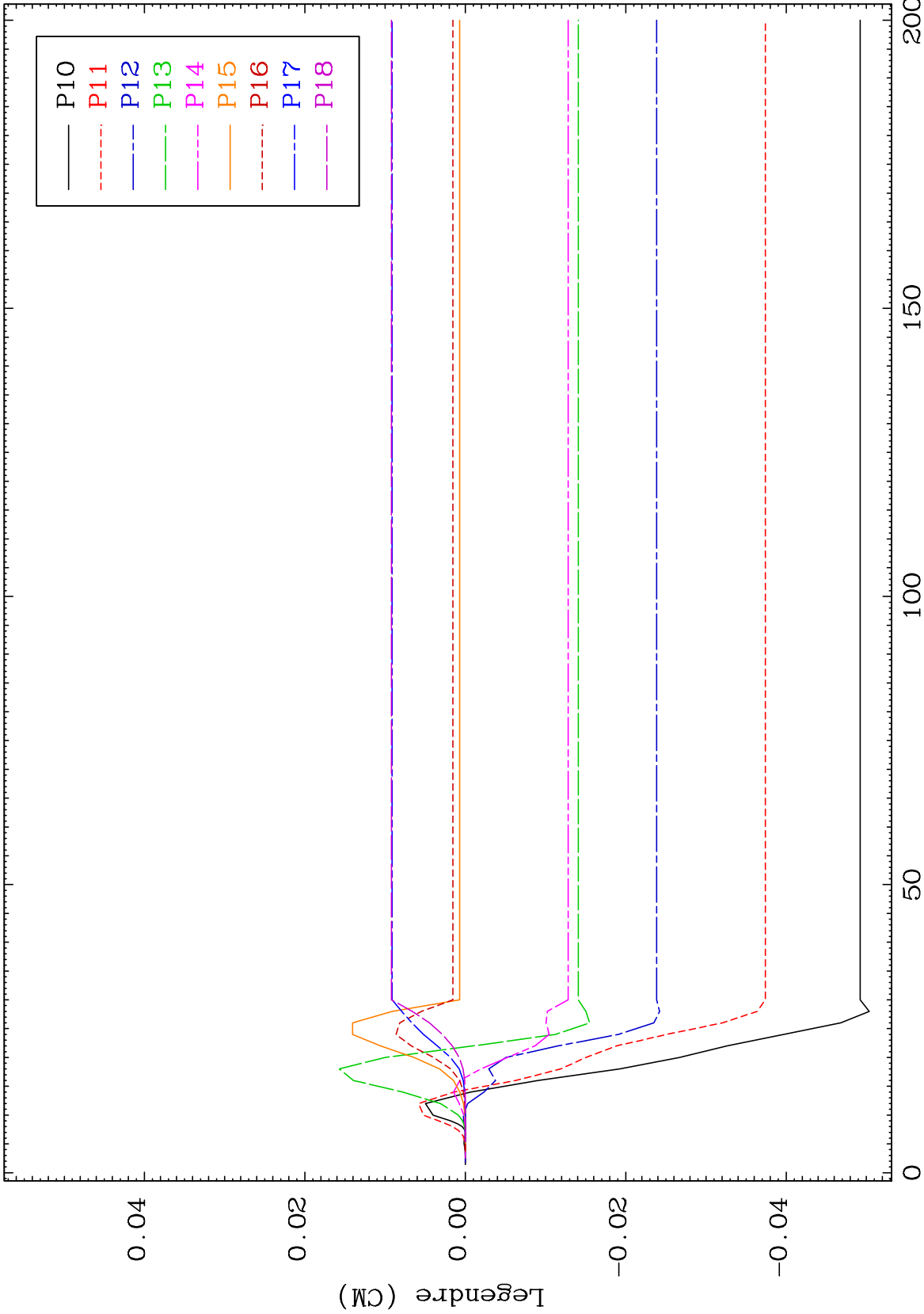
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



67

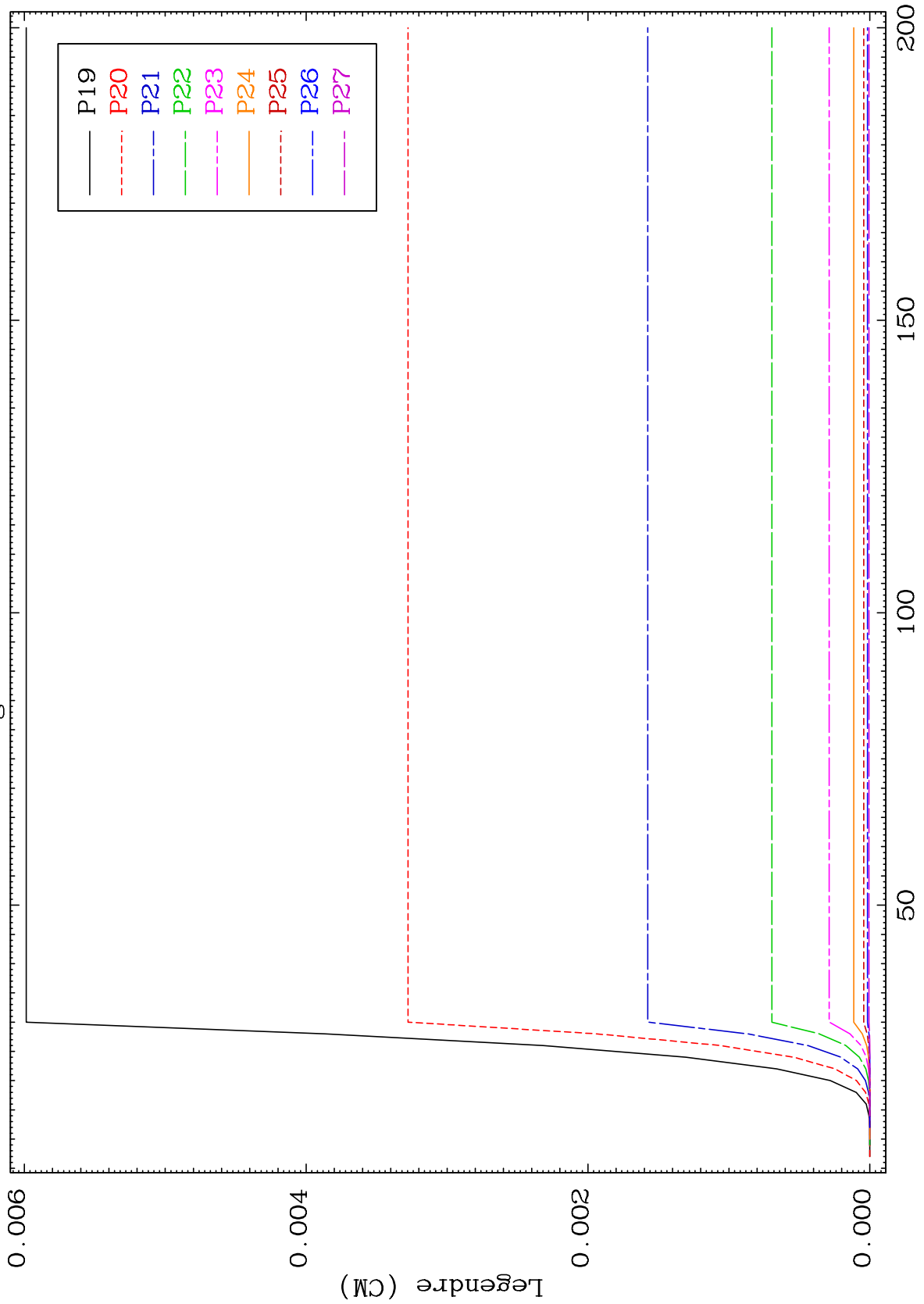
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



68

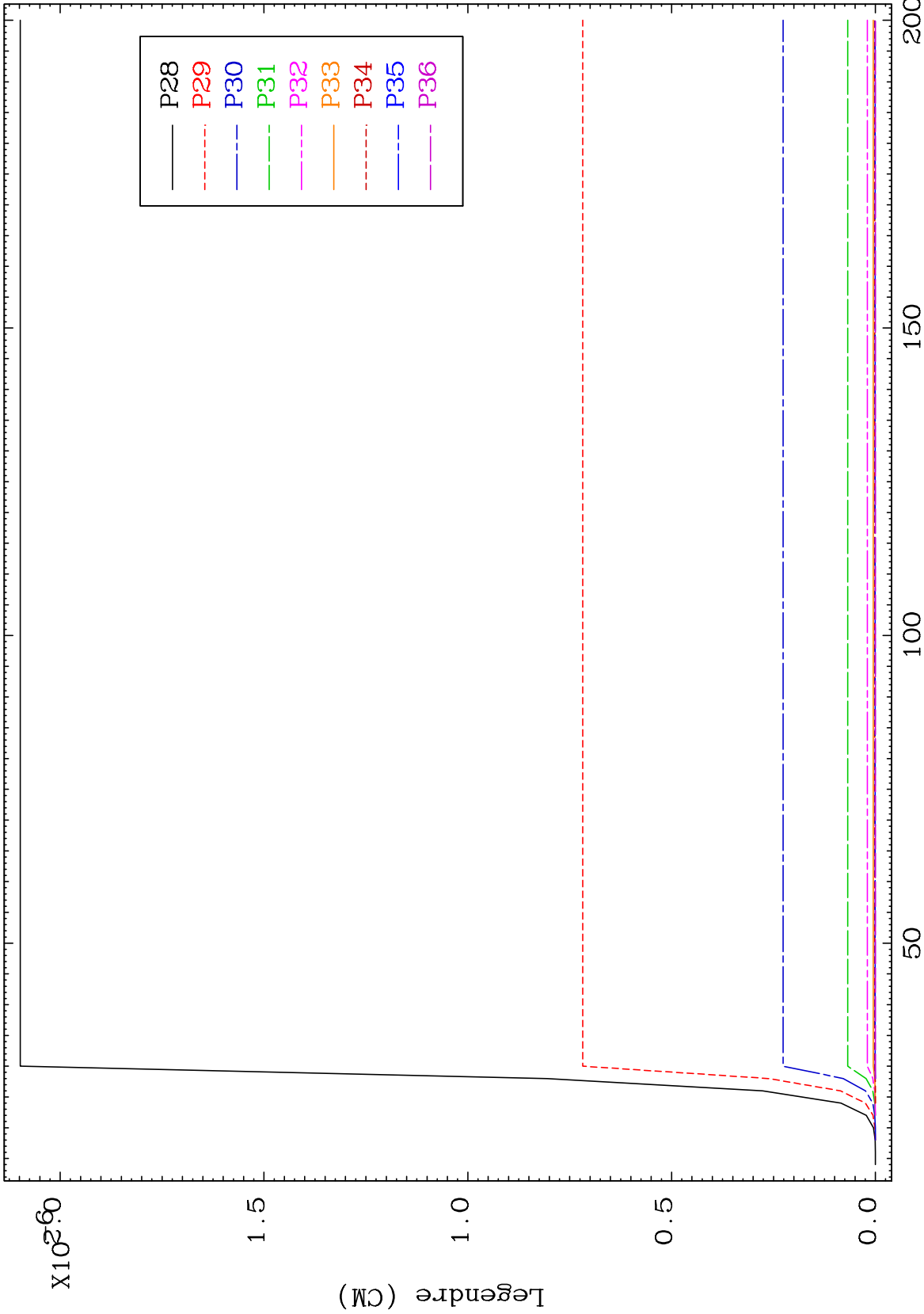
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



69

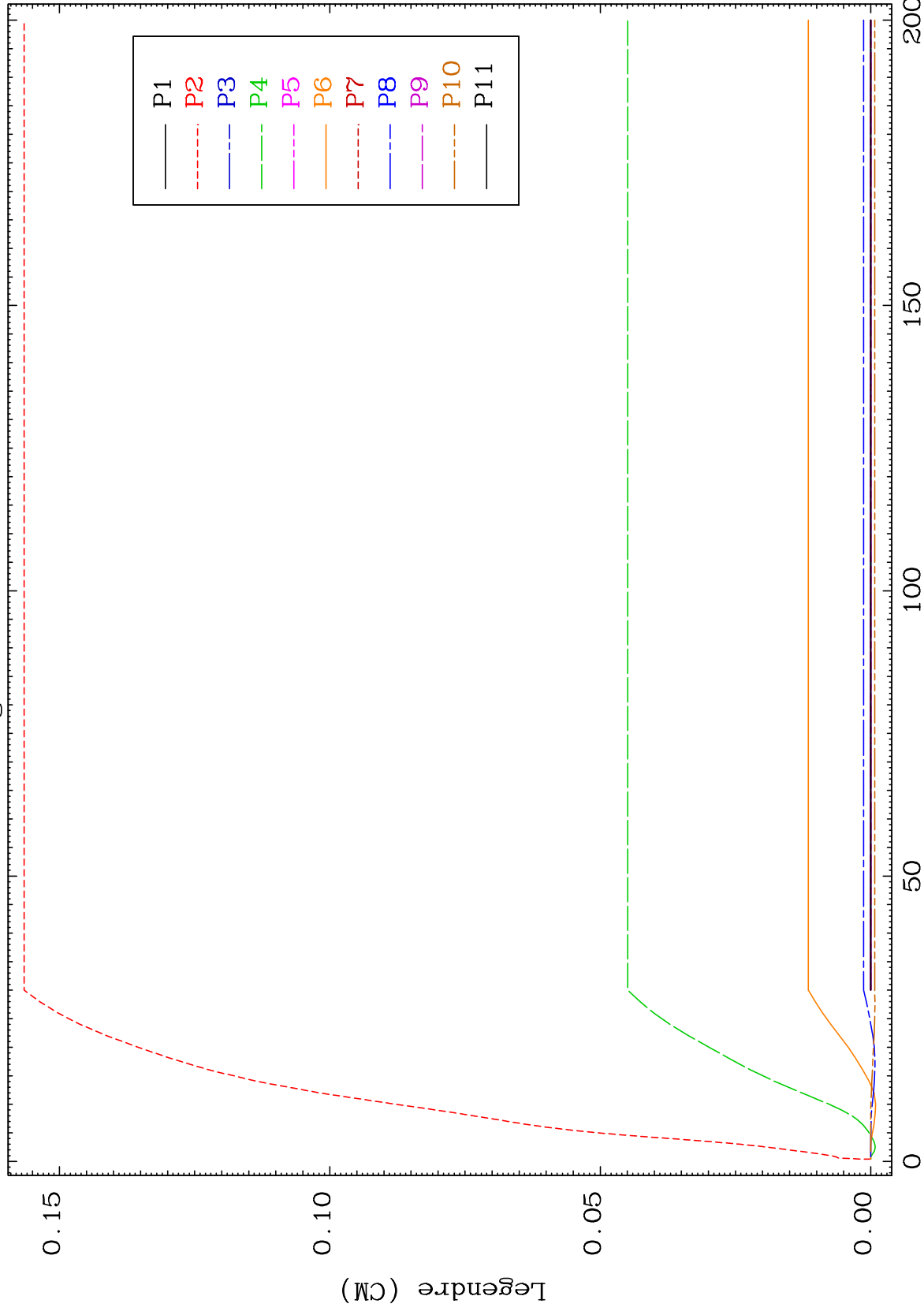
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



70

Incident Energy (MeV)

150

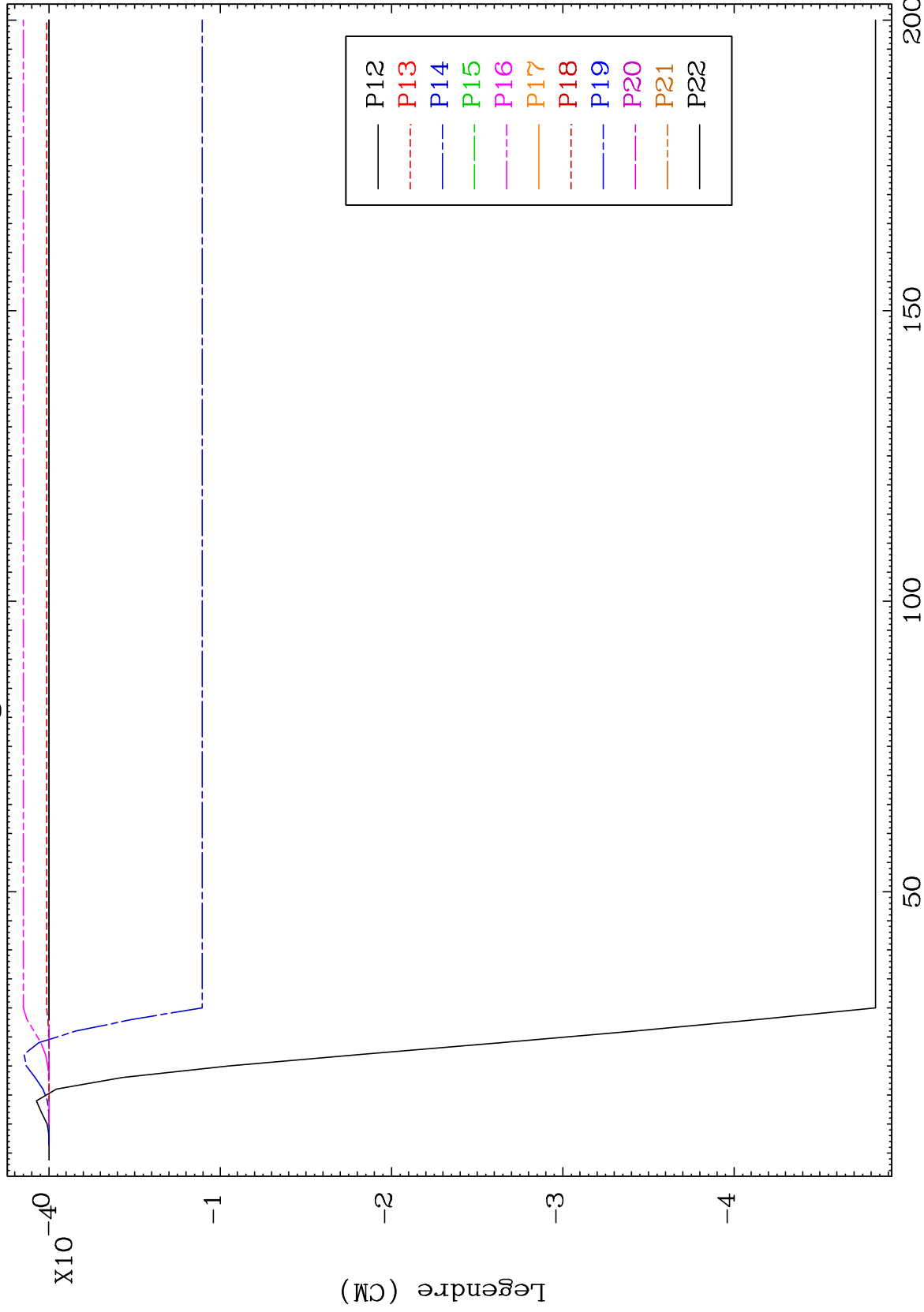
47-Ag-110

200

MAT 4734

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

47-Ag-110



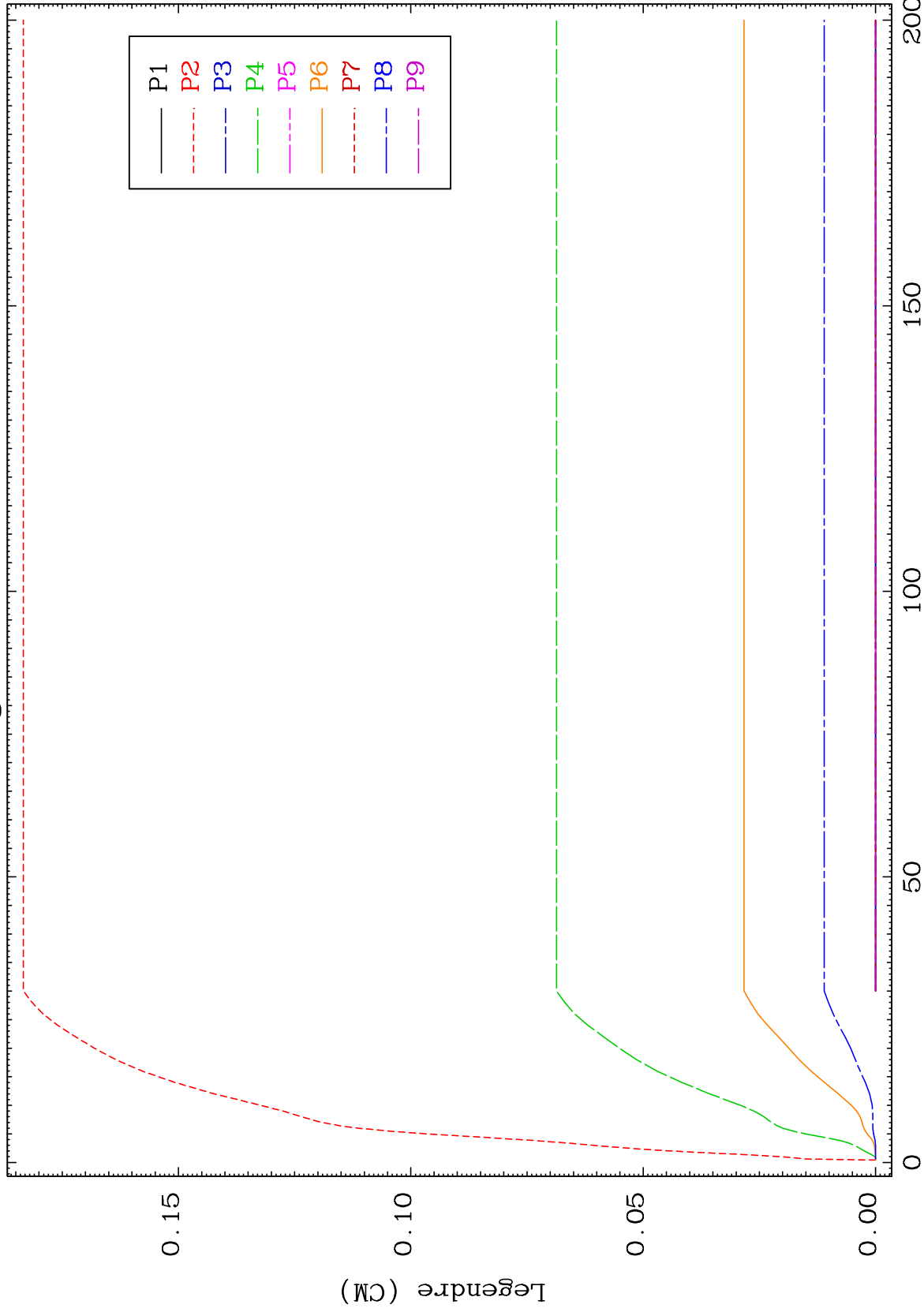
71

47-Ag-110

MAT 4734

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

47-Ag-110



72

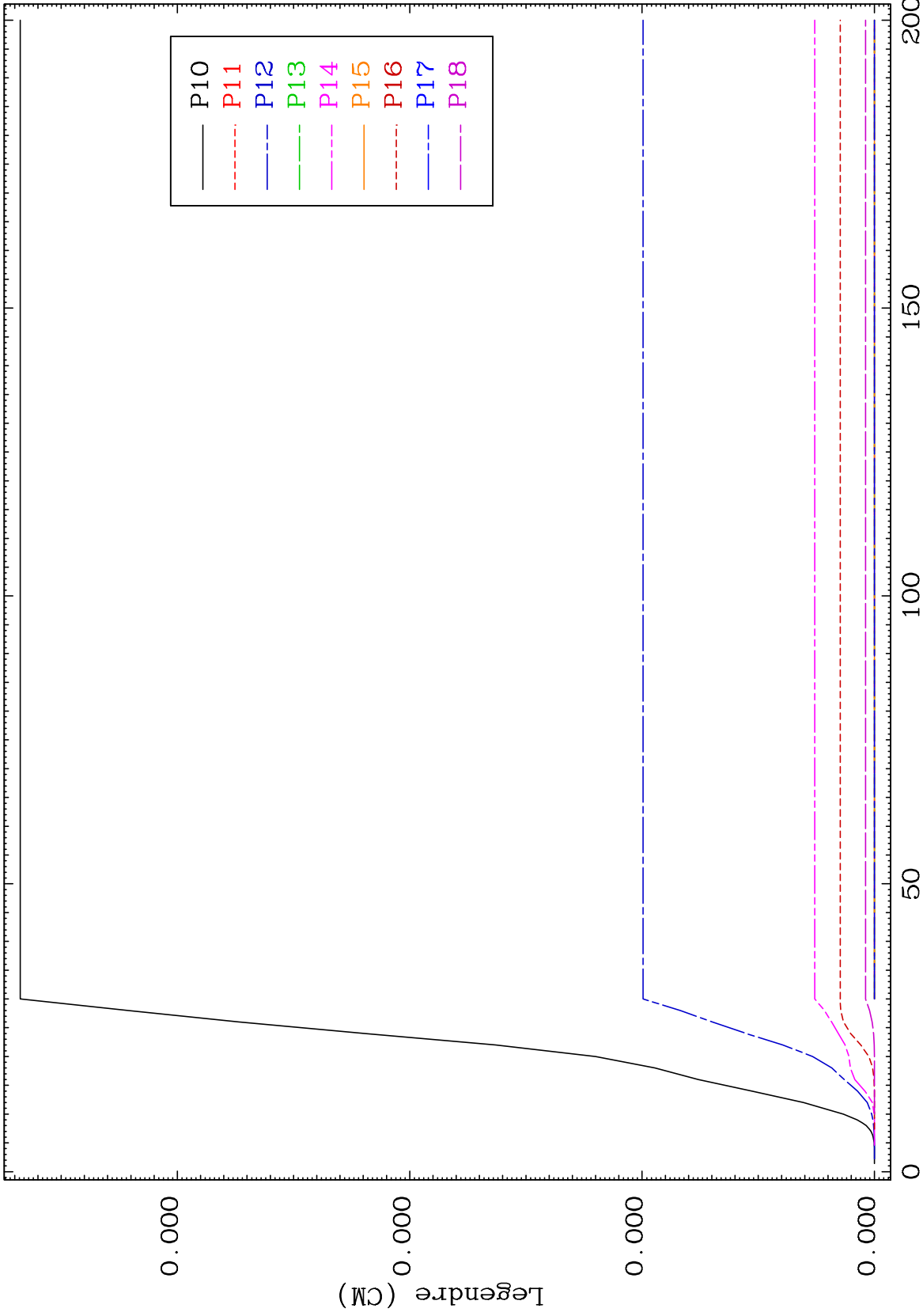
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



73

47-Ag-110

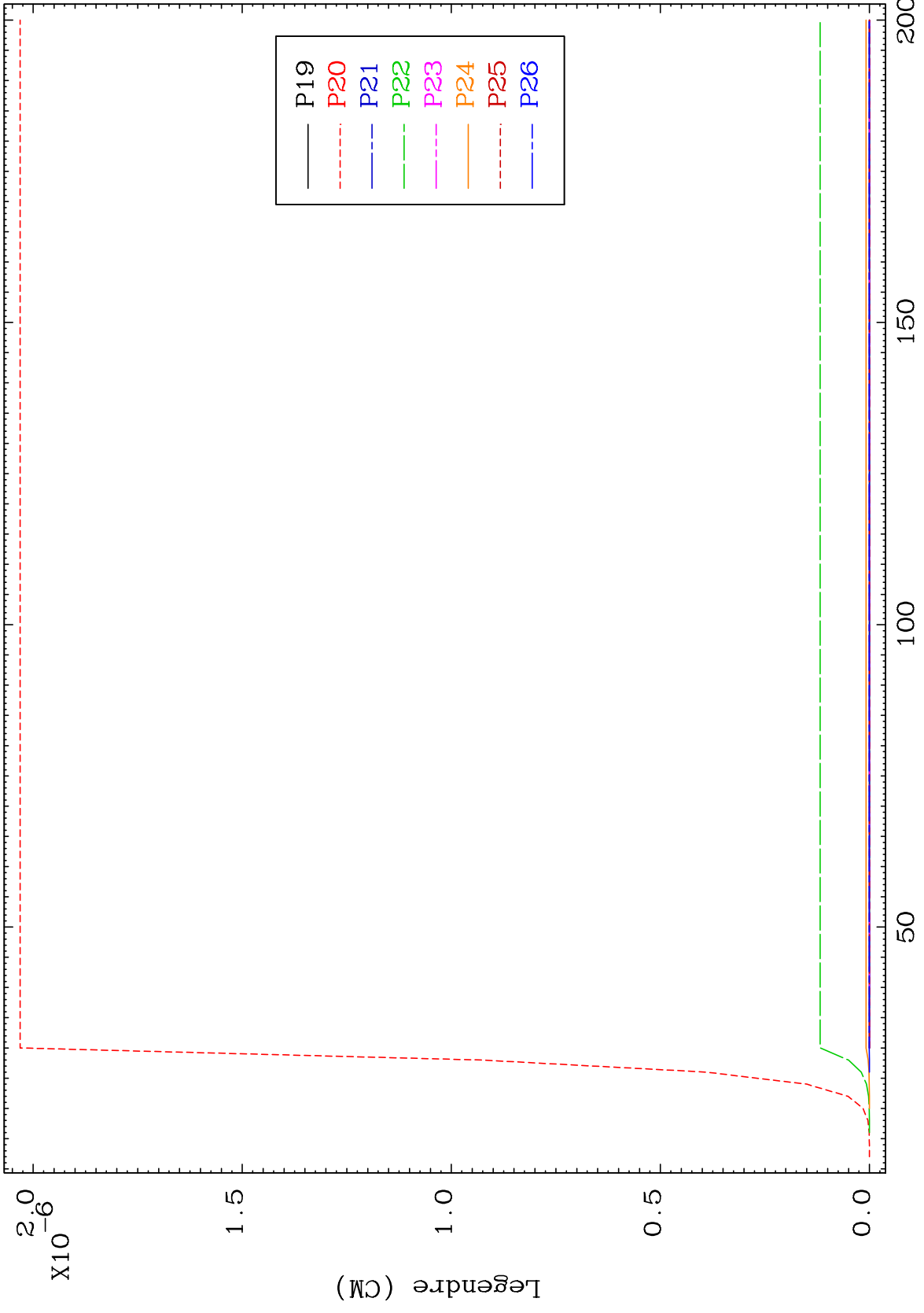
MAT 4734

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

47-Ag-110

Incident Energy (MeV)

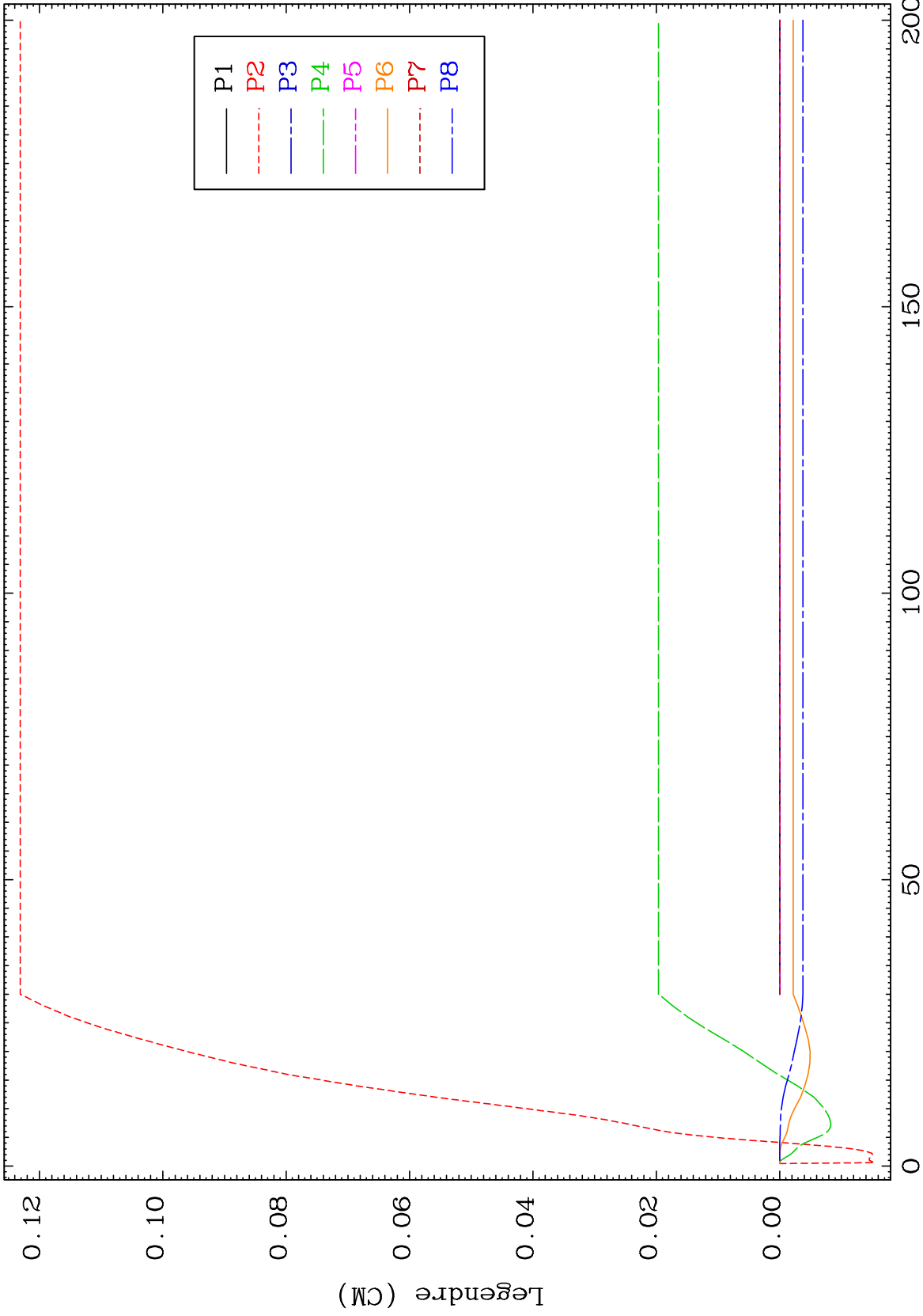
74



MAT 4734

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

47-Ag-110



75

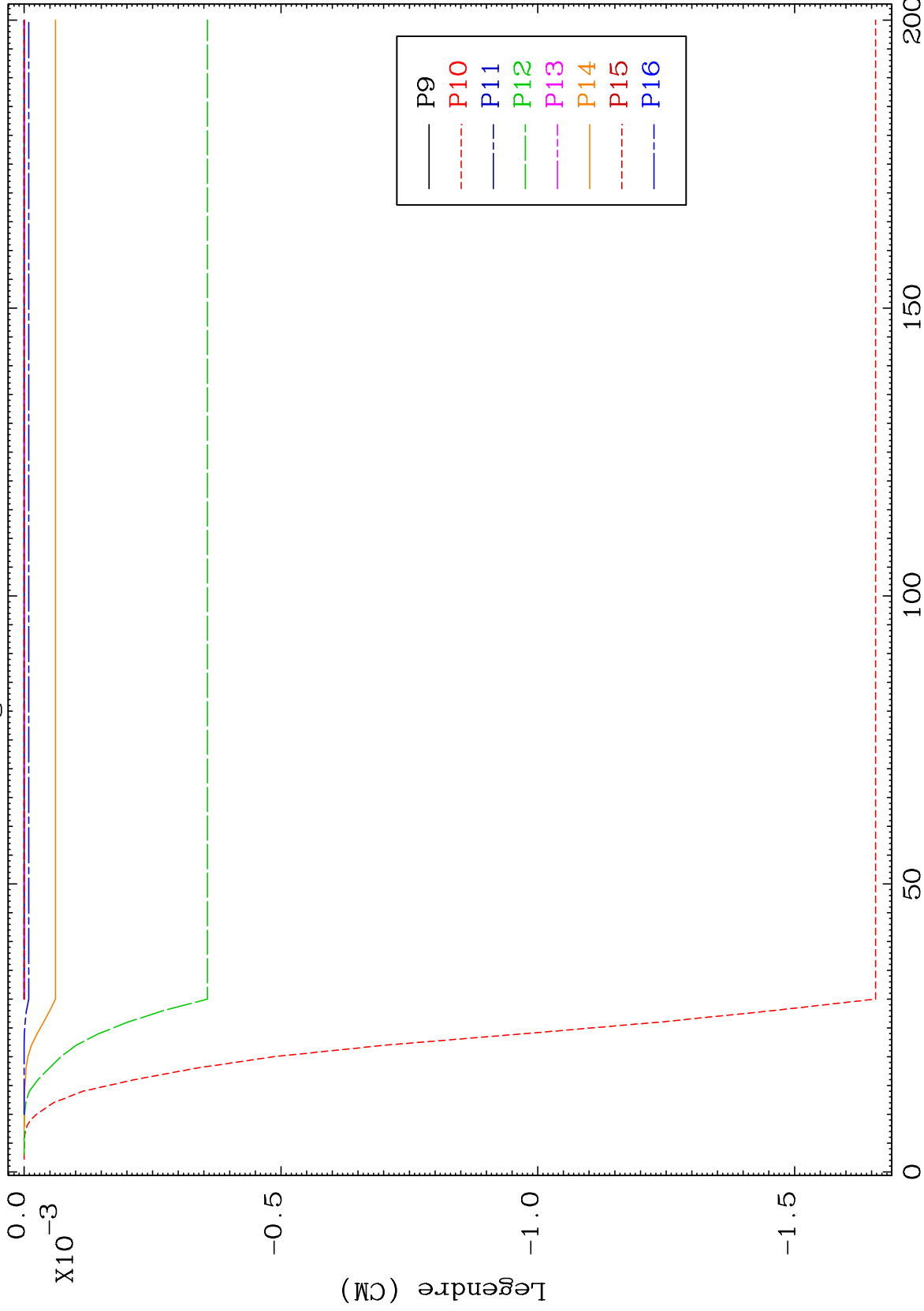
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



76

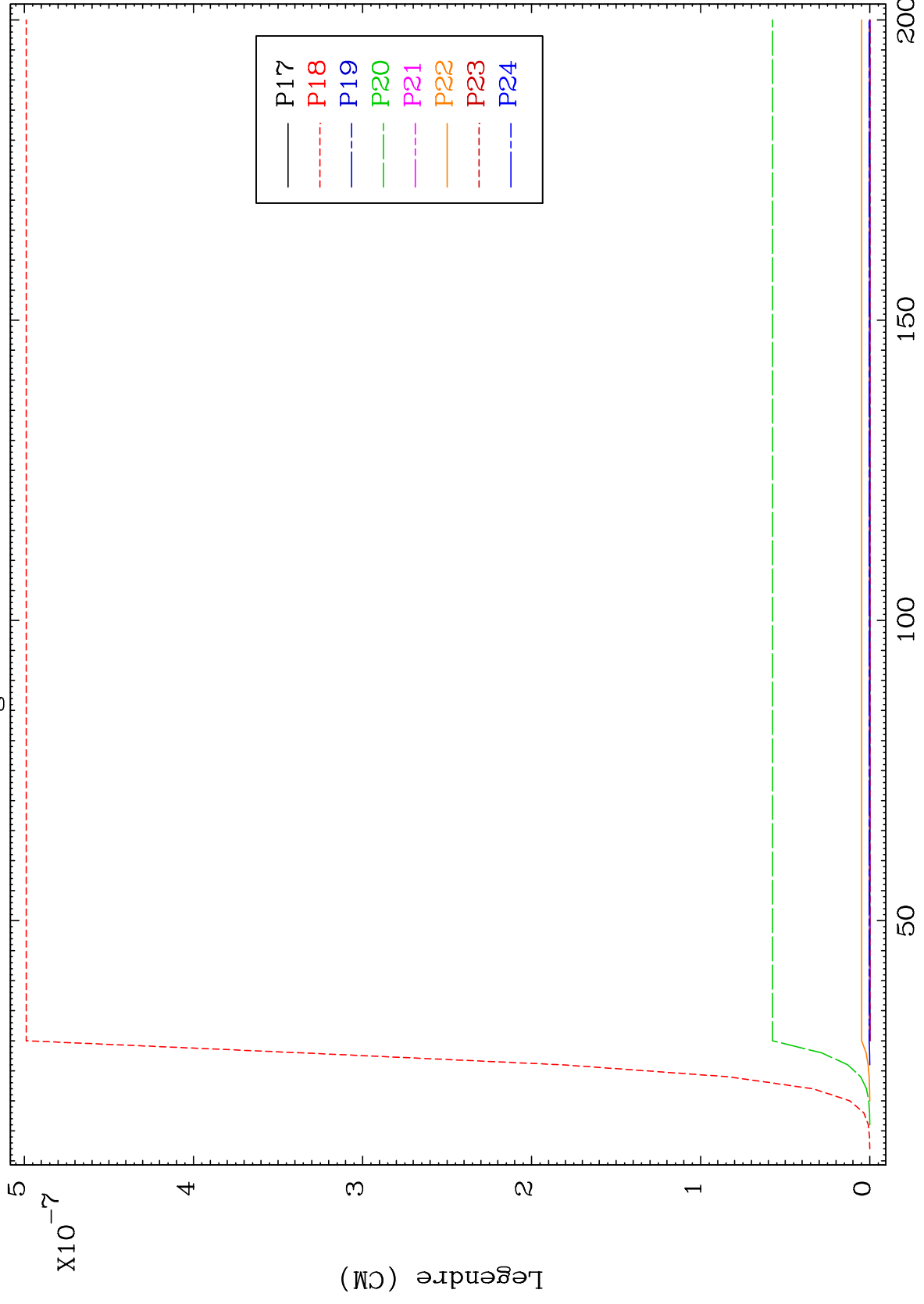
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

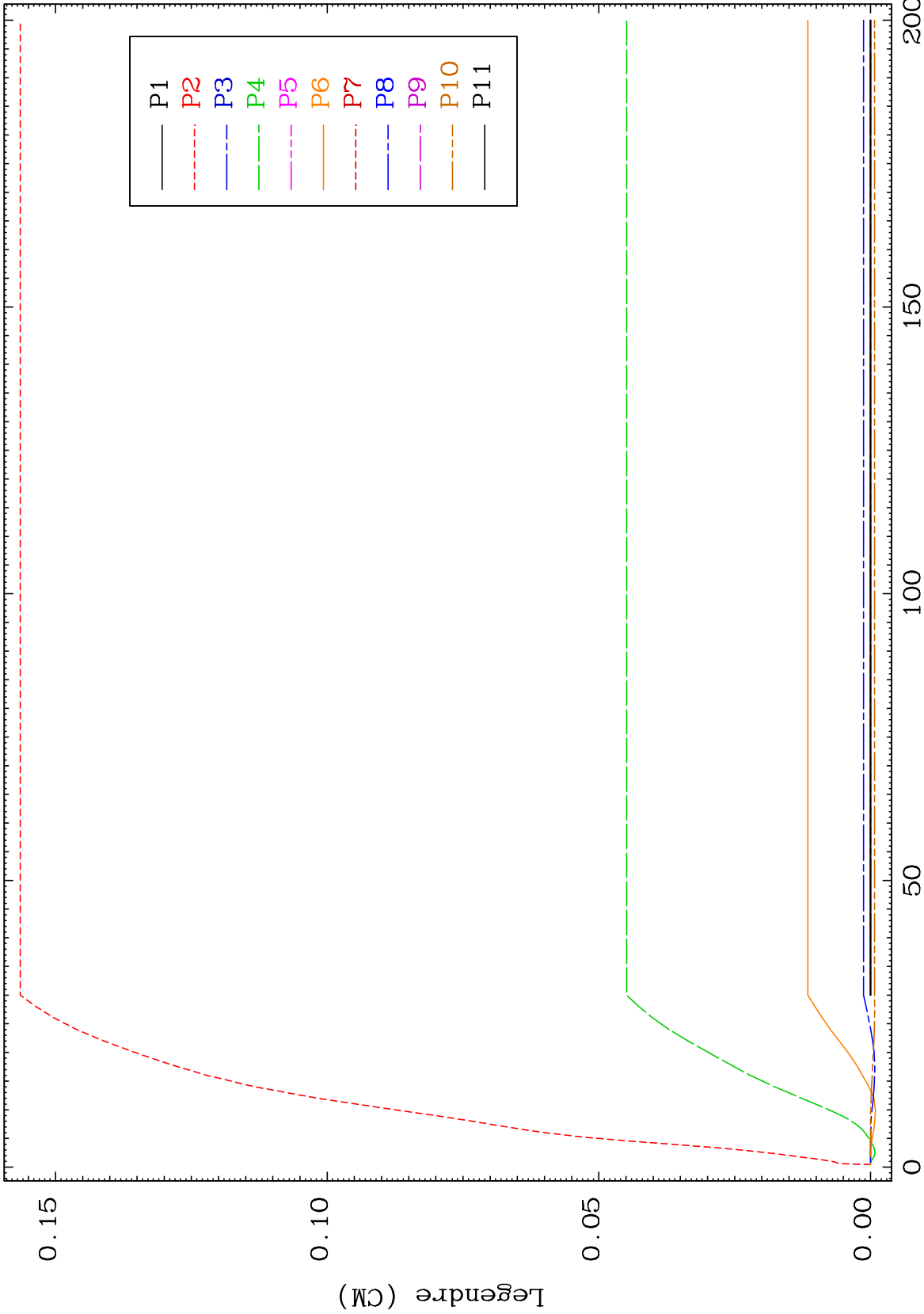
Incident Energy (MeV)

77

MAT 4734

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

47-Ag-110



78

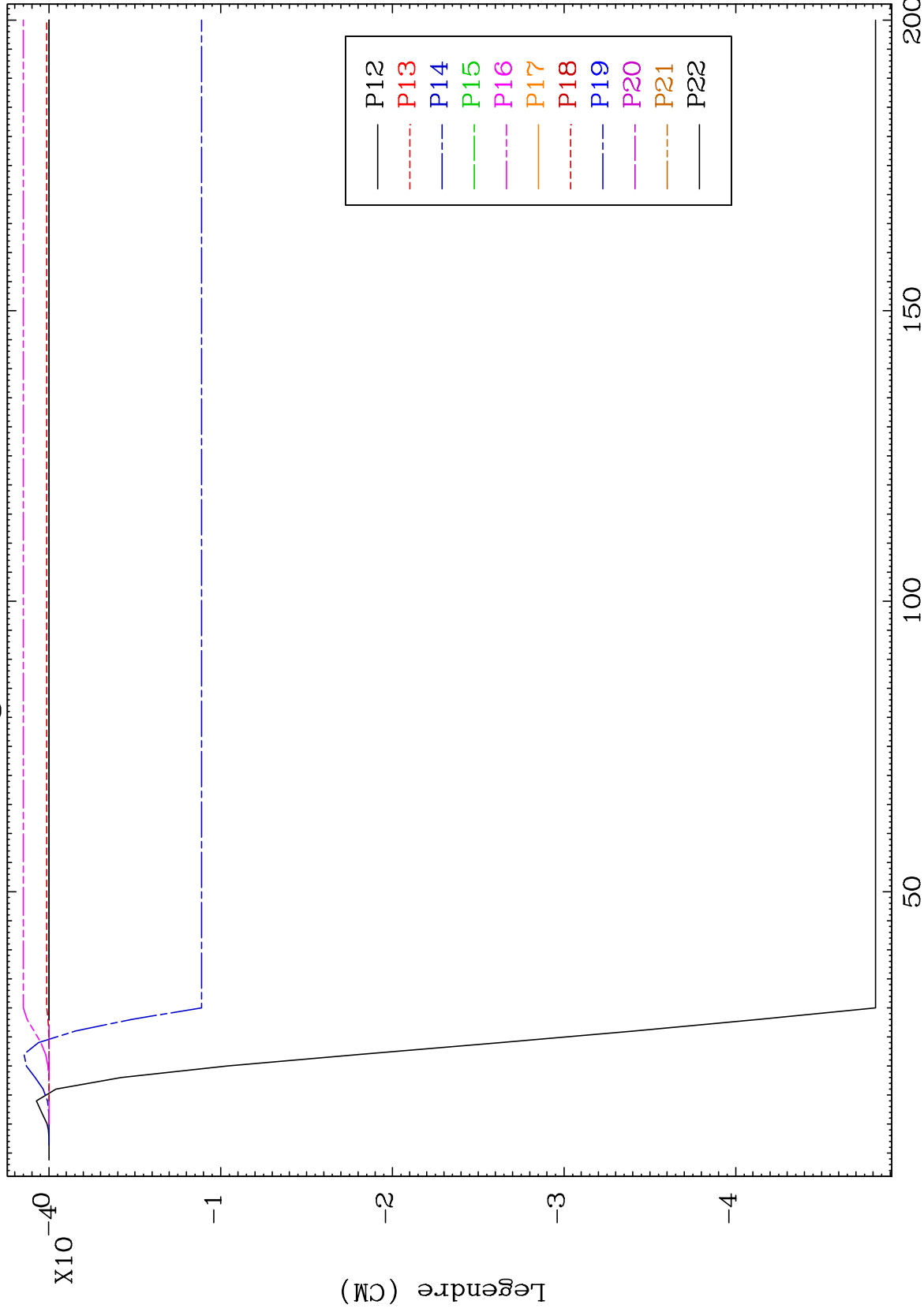
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



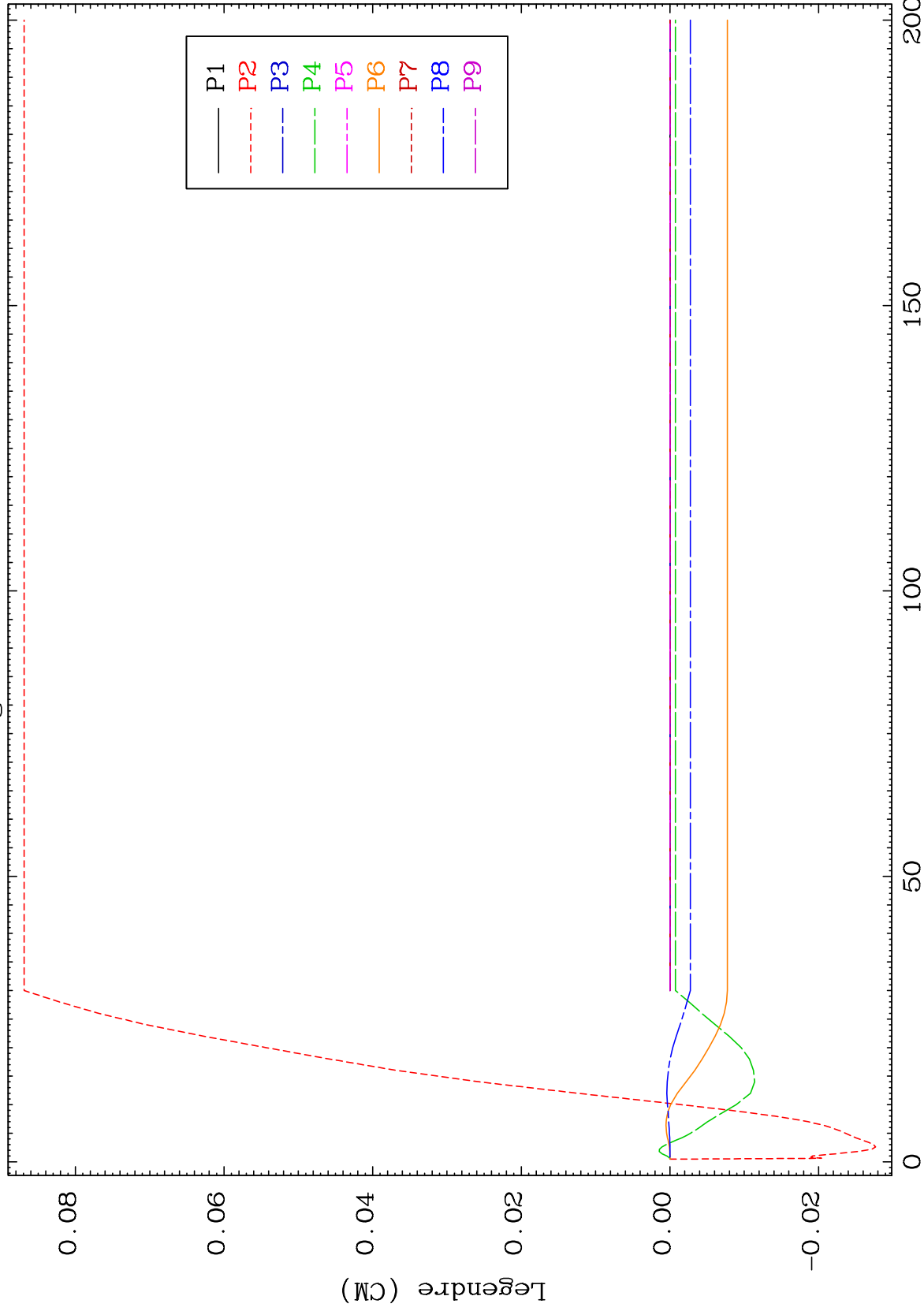
79

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

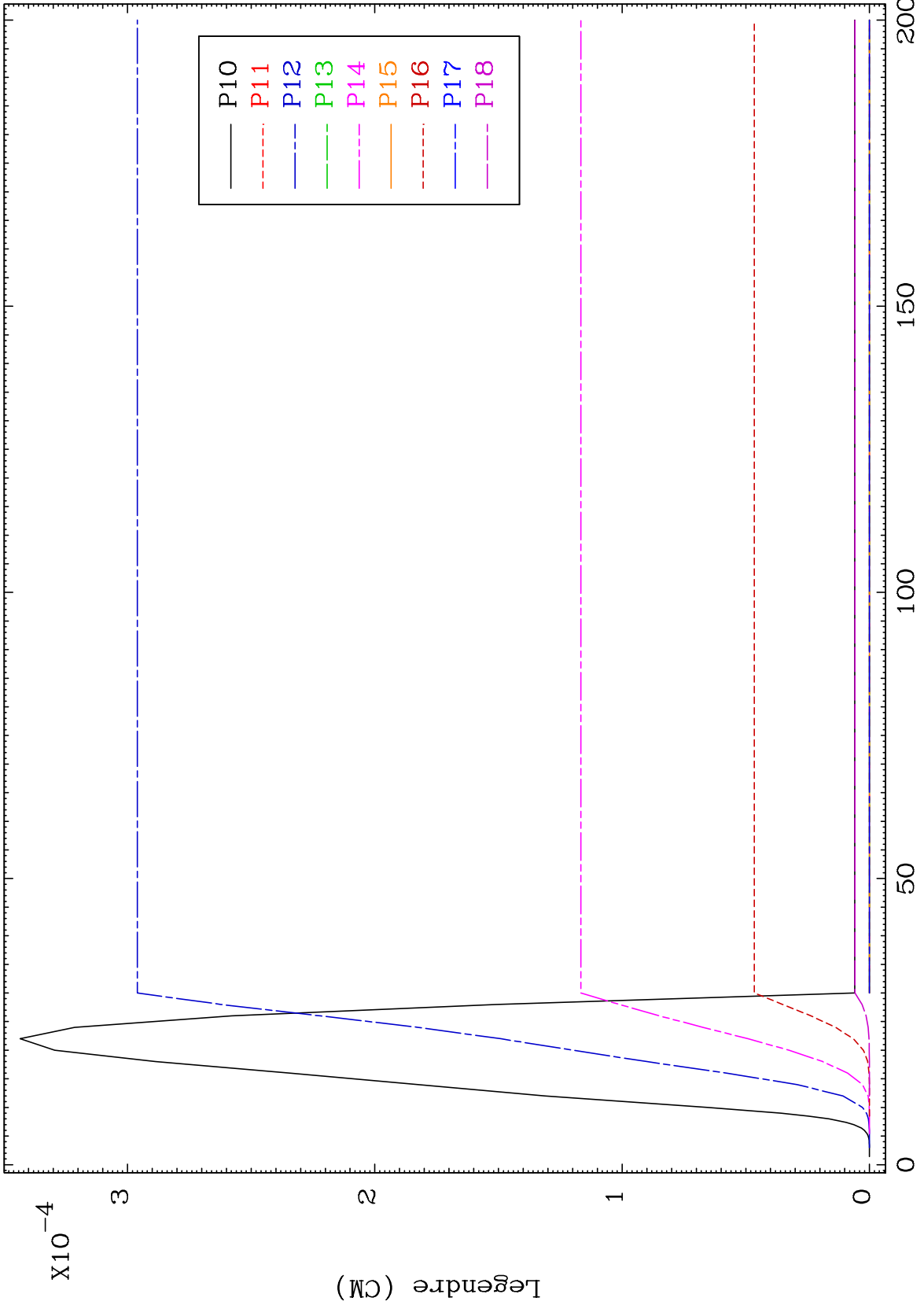
Incident Energy (MeV)

80

MAT 4734

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

47-Ag-110



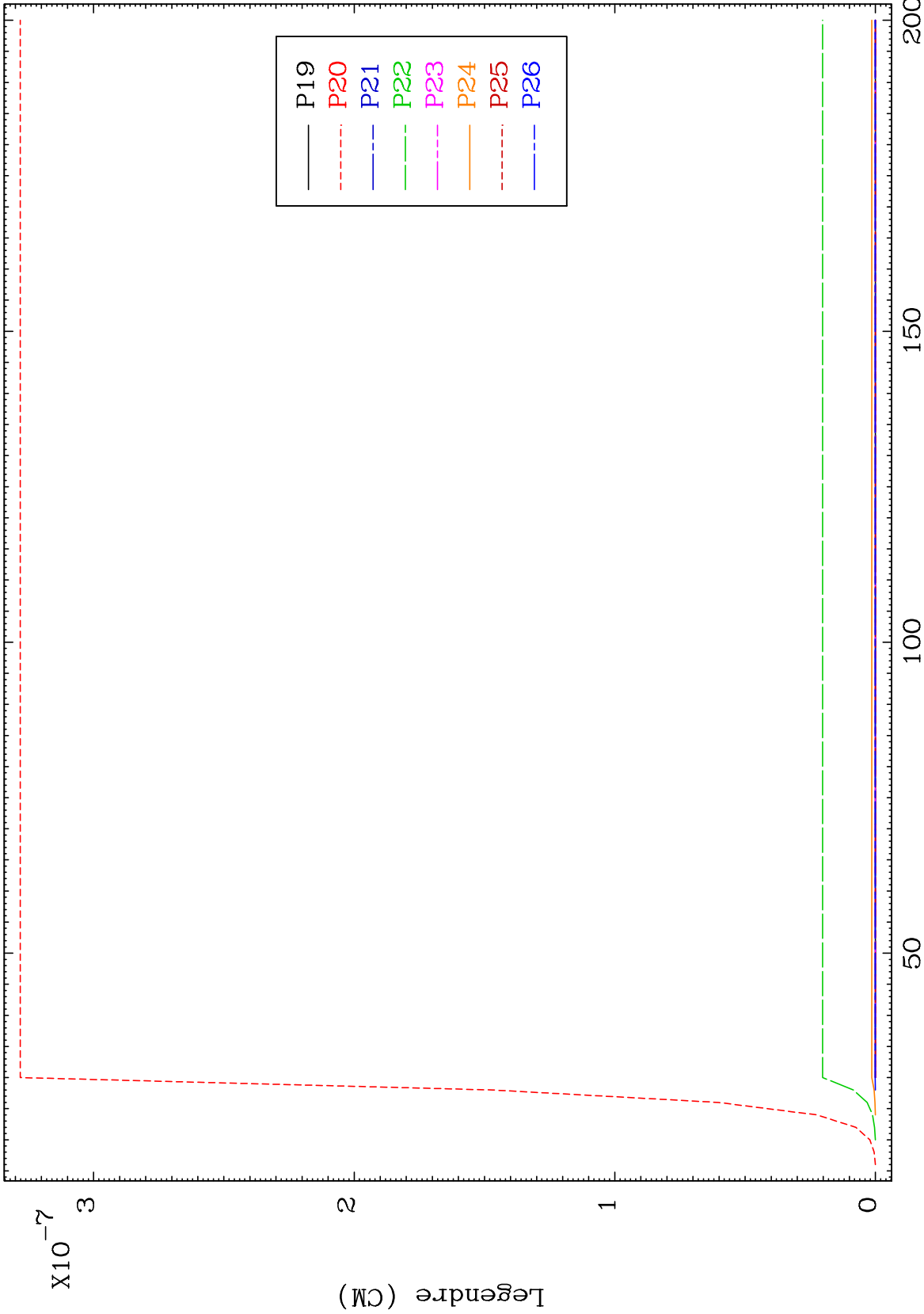
81

47-Ag-110

MAT 4734

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

47-Ag-110



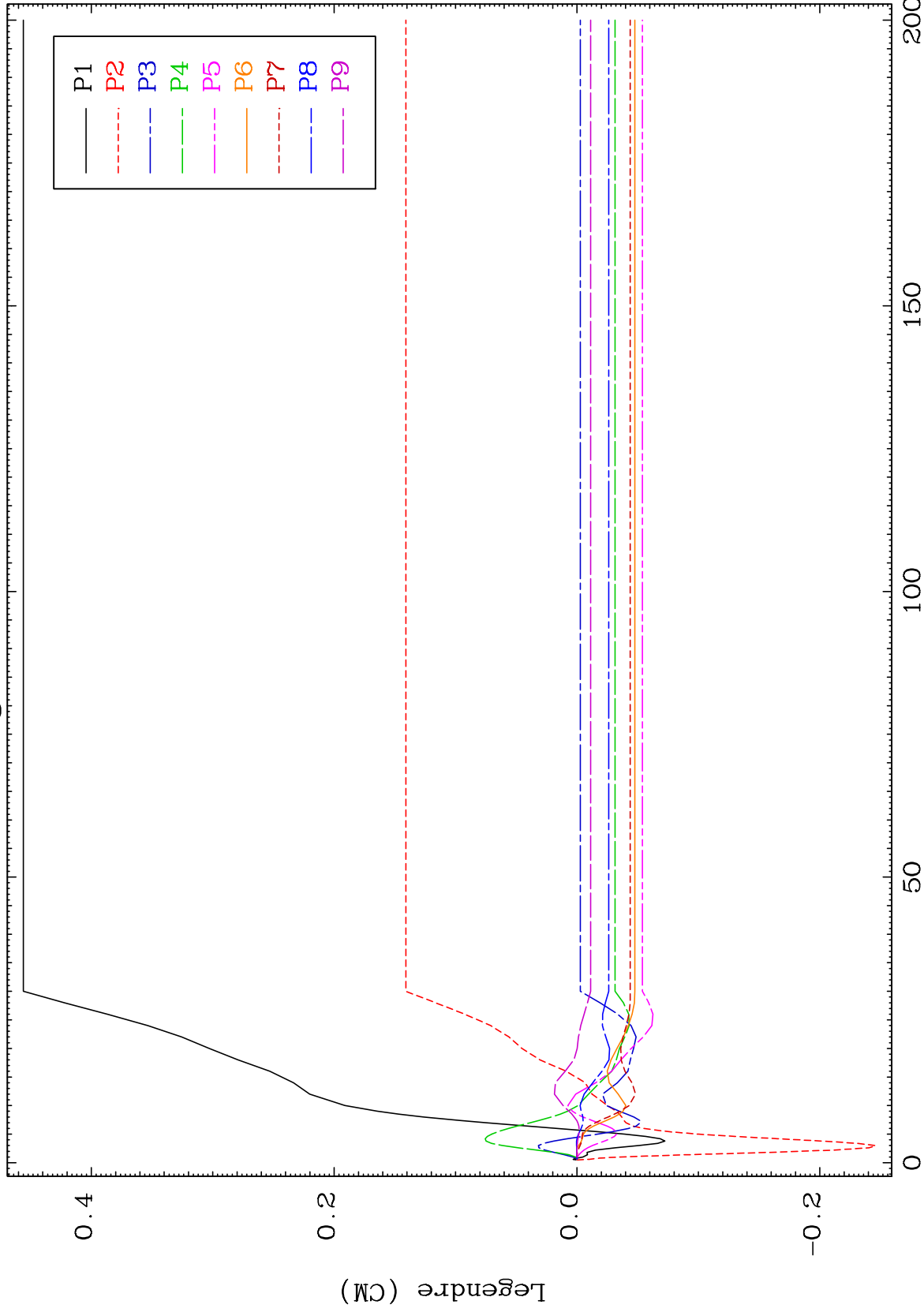
82

47-Ag-110

MAT 4734

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

47-Ag-110



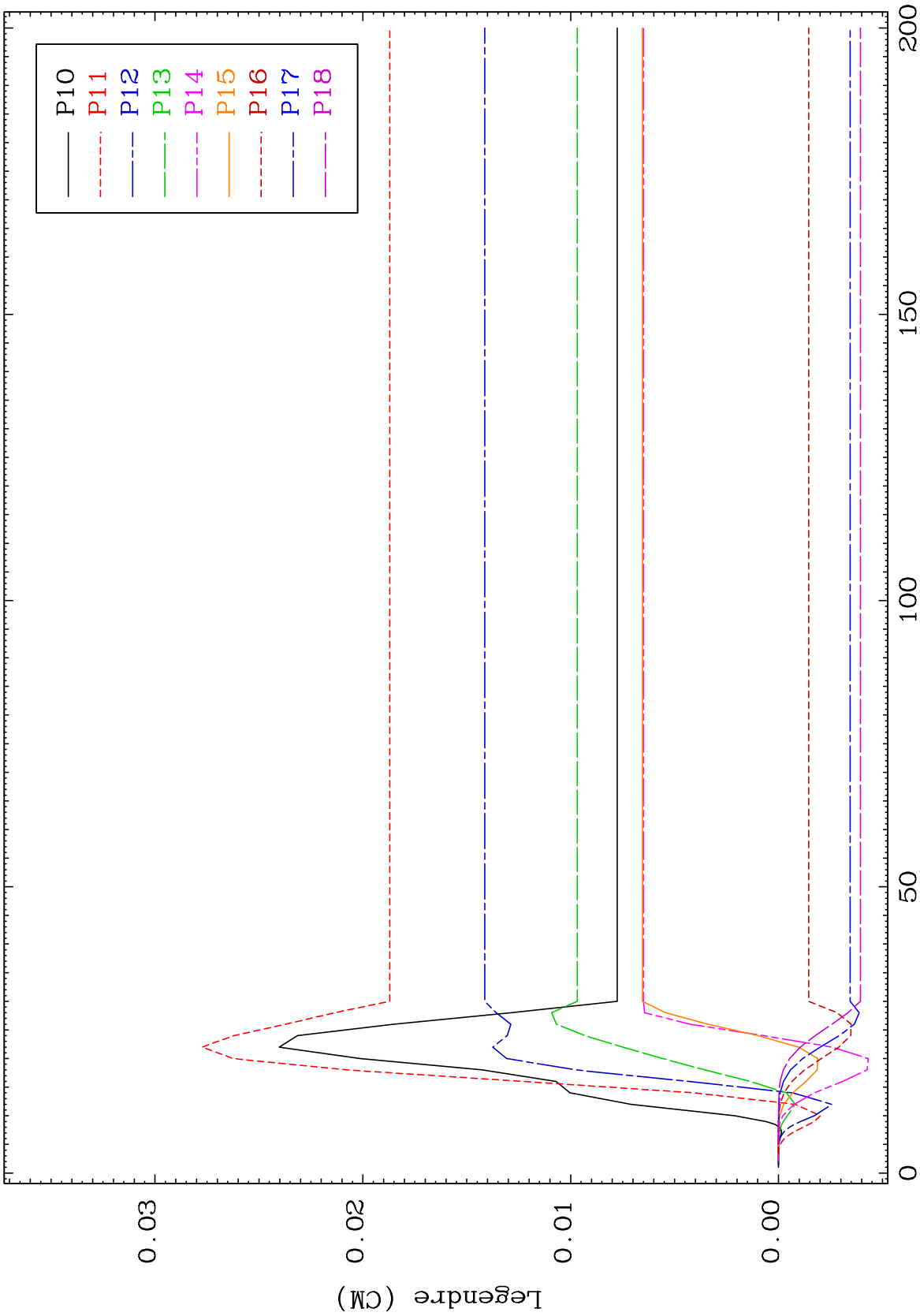
83

47-Ag-110

MAT 4734

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

47-Ag-110



84

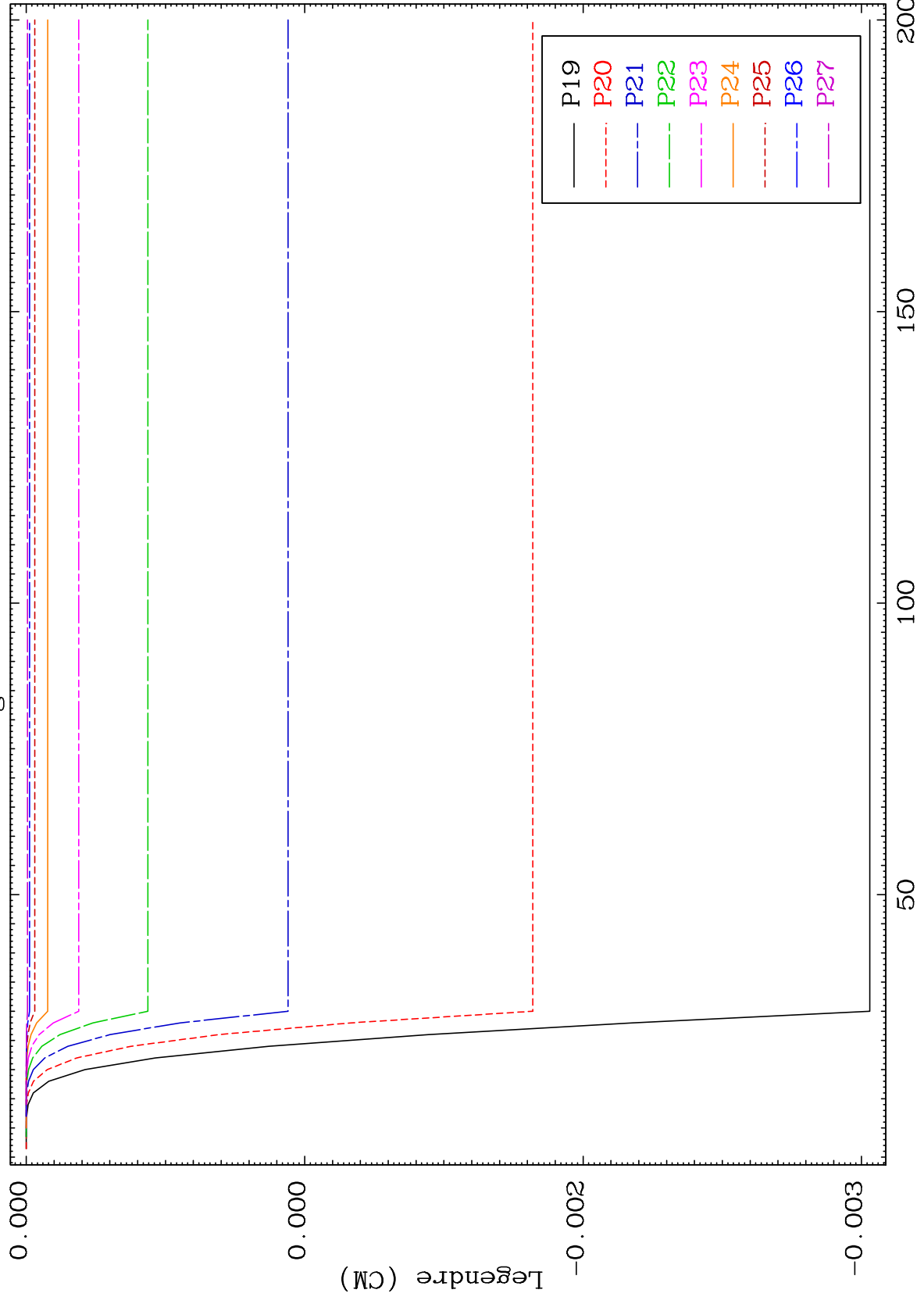
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

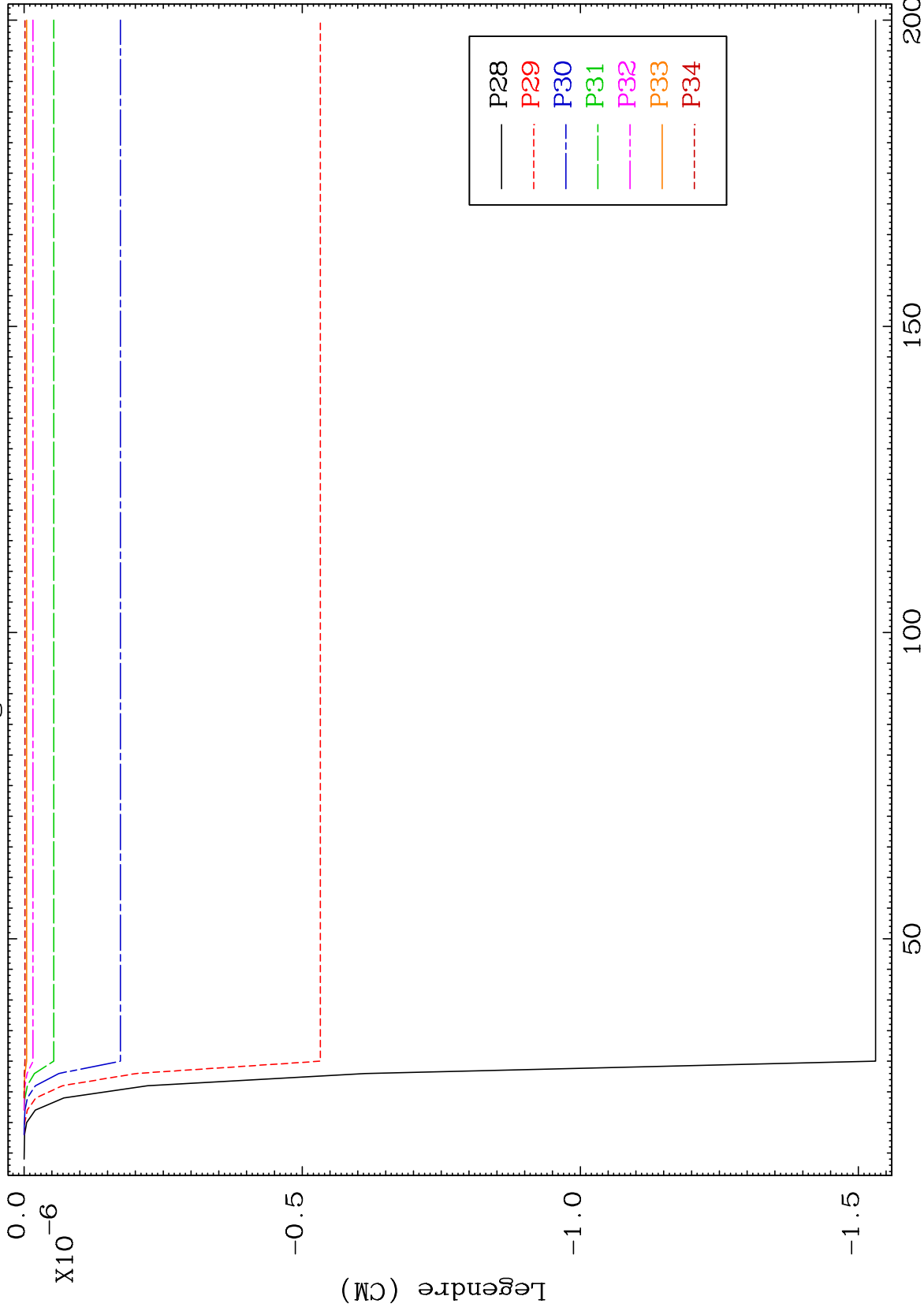
Incident Energy (MeV)

85

MAT 4734

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

47-Ag-110



86

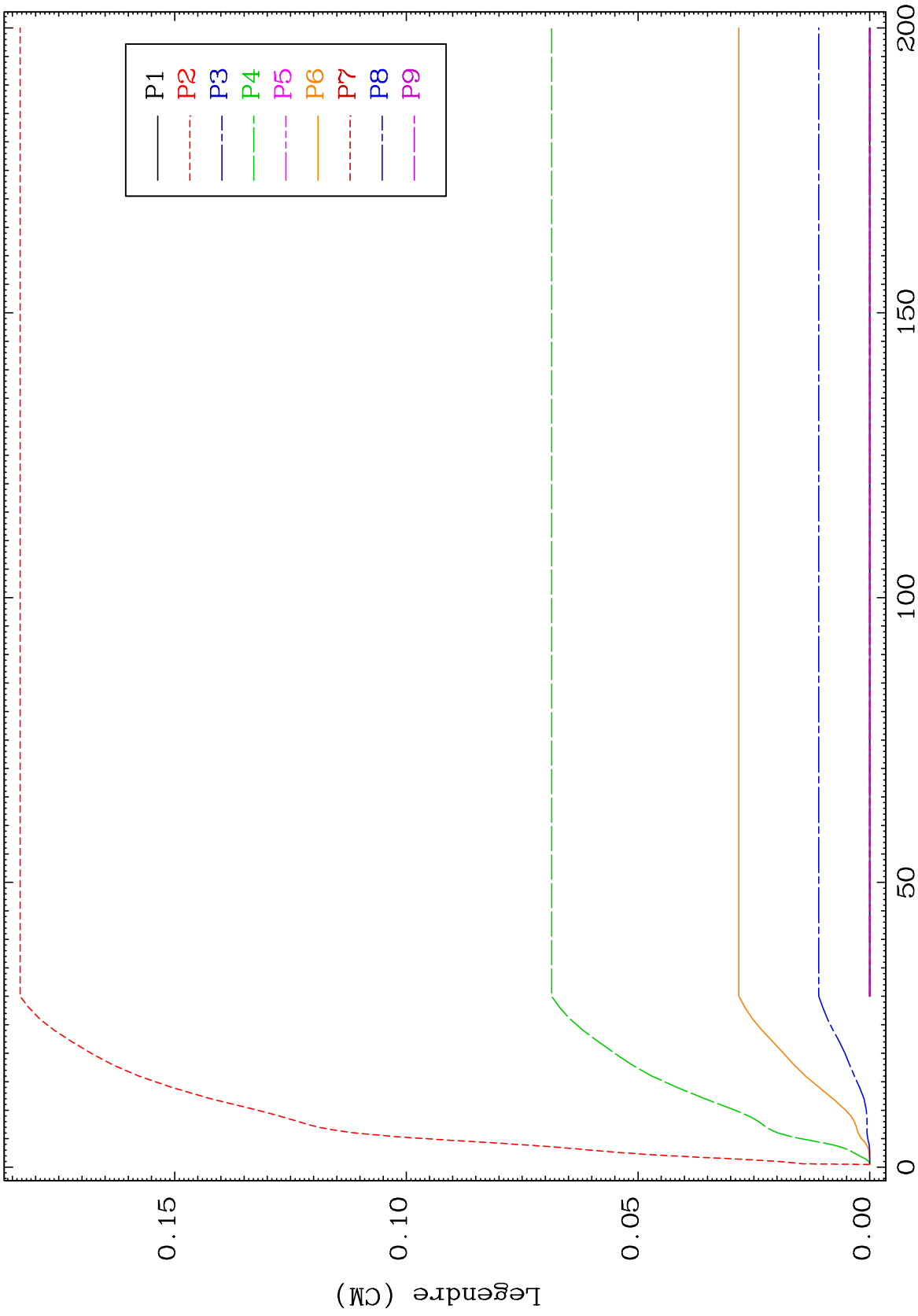
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



87

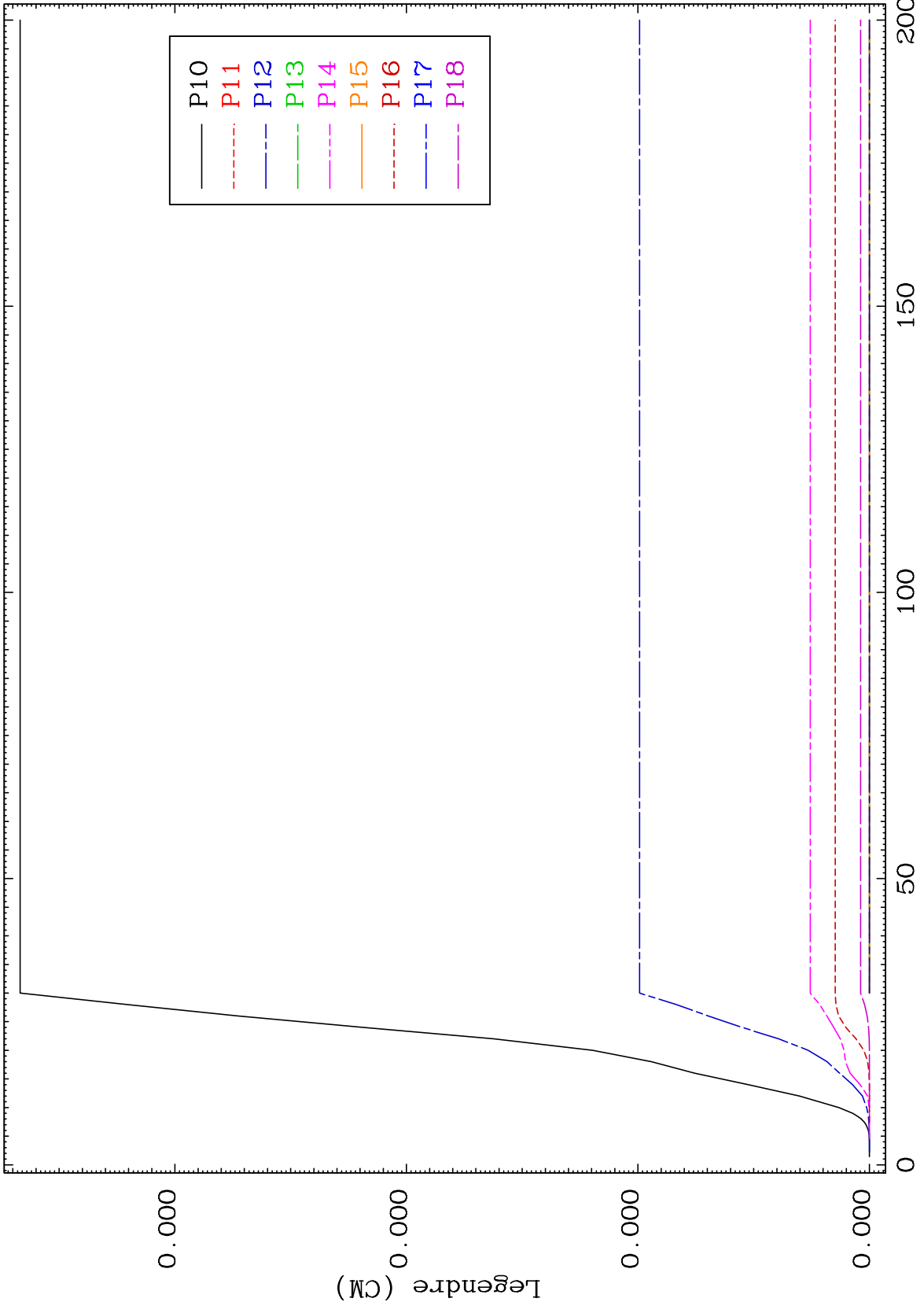
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



88

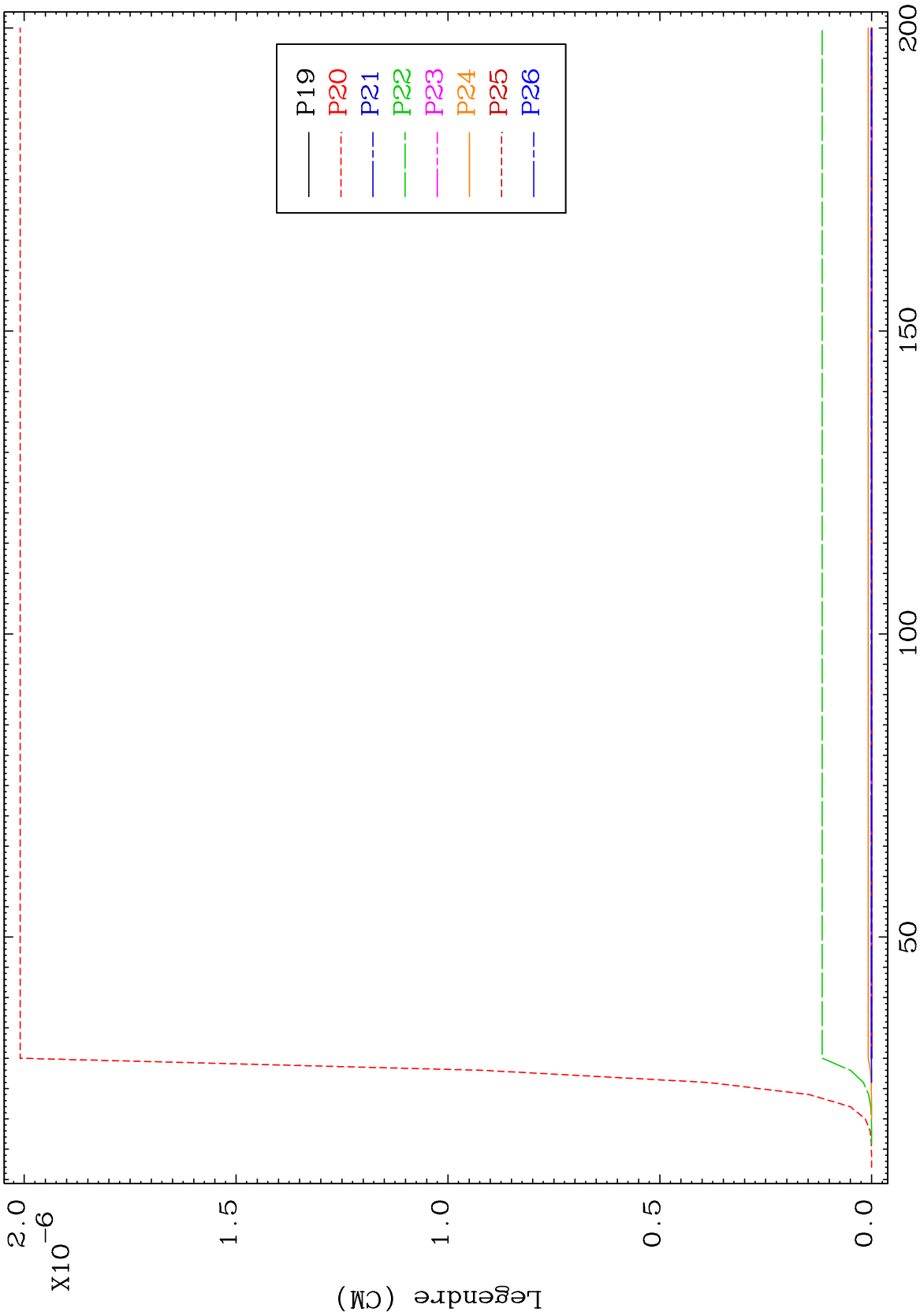
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



89

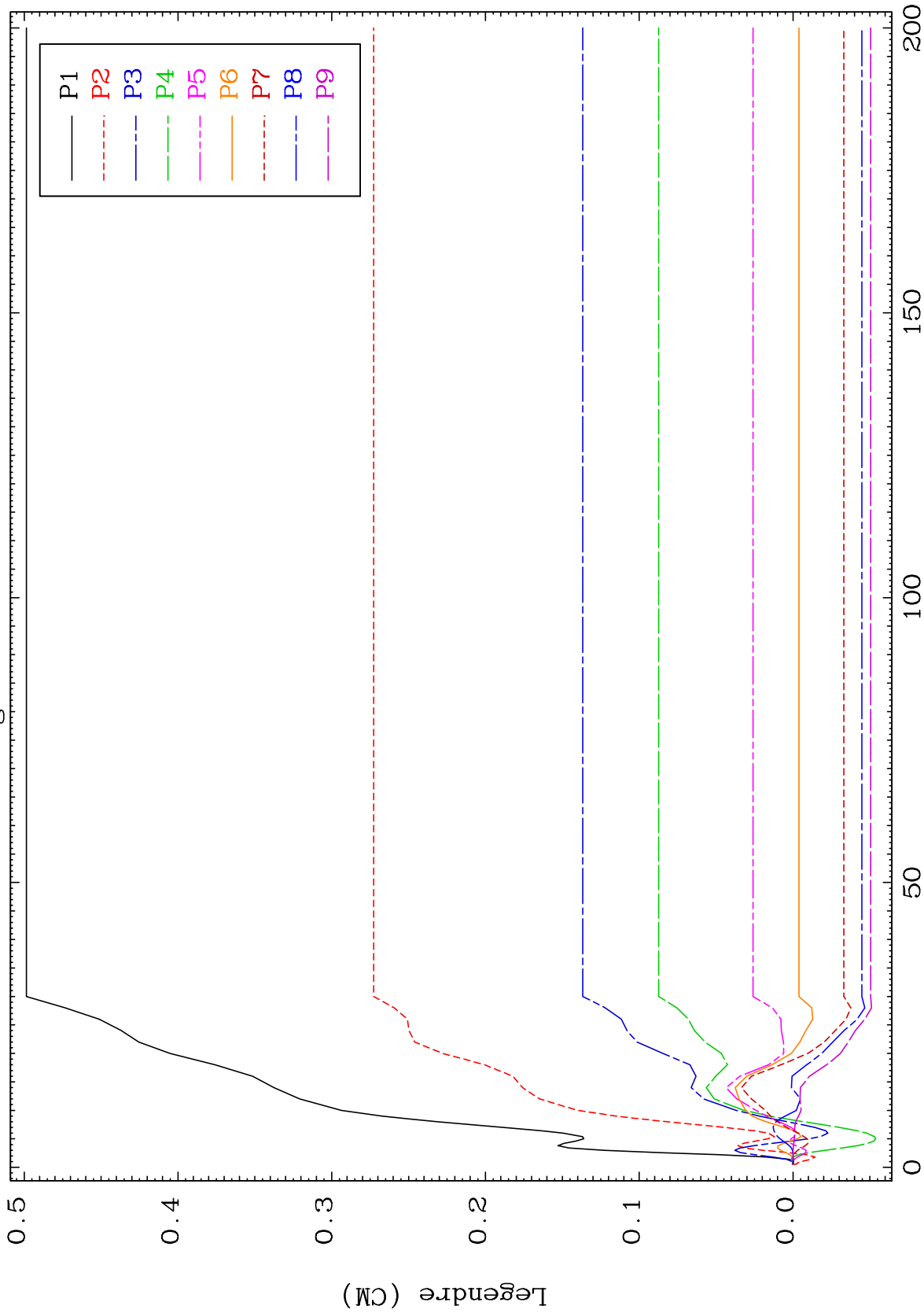
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

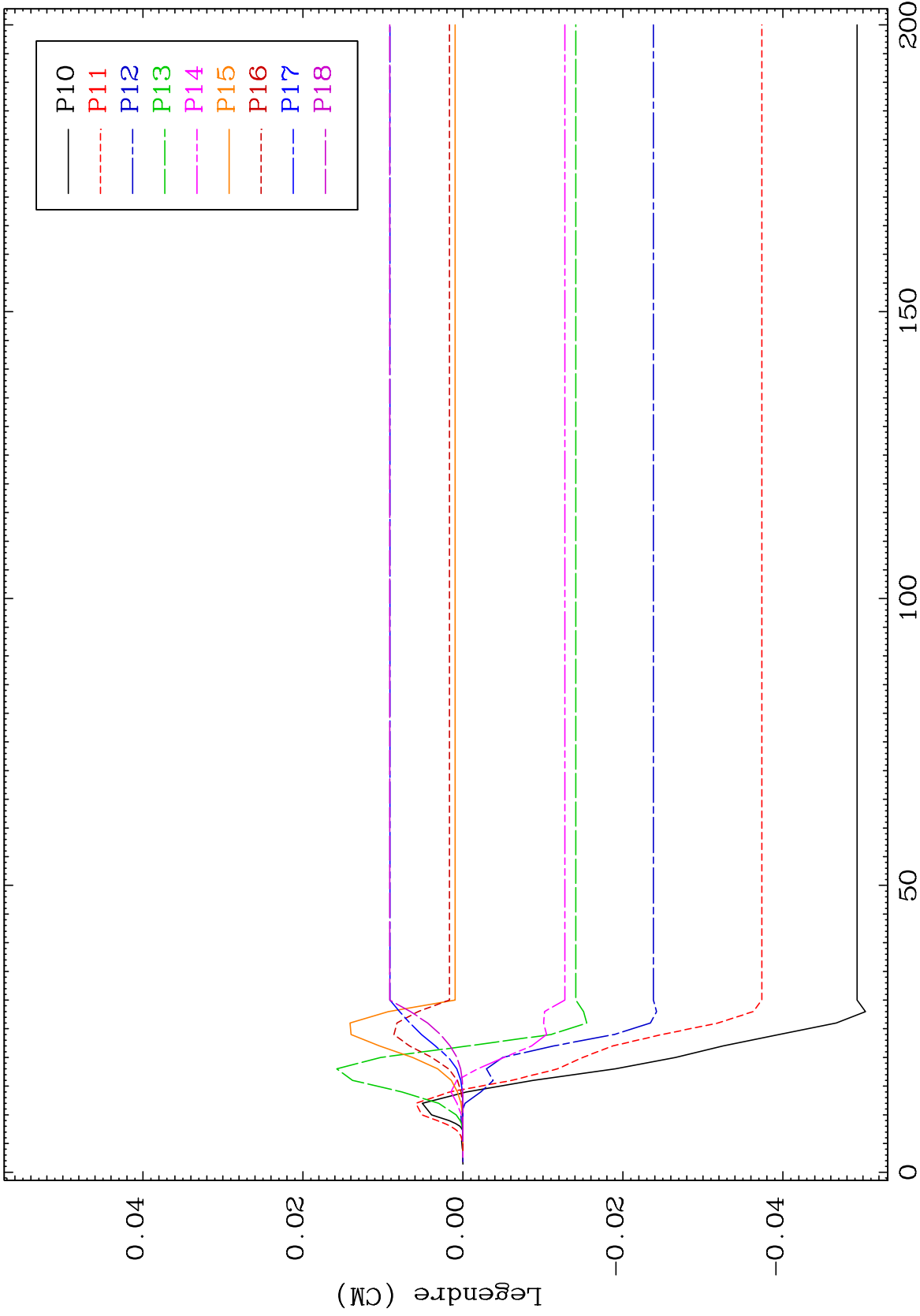
Incident Energy (MeV)

90

MAT 4734

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

47-Ag-110



91

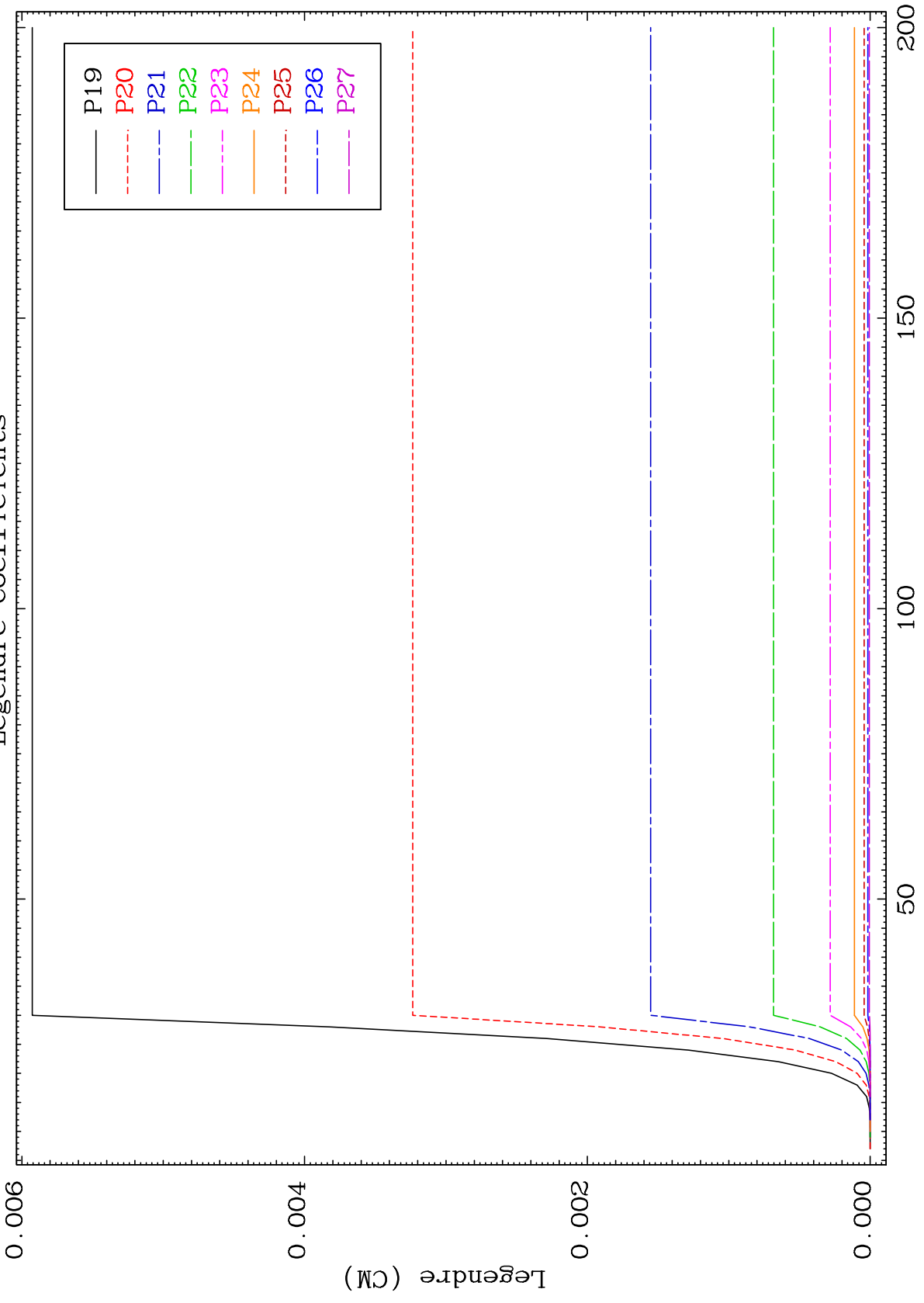
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



92

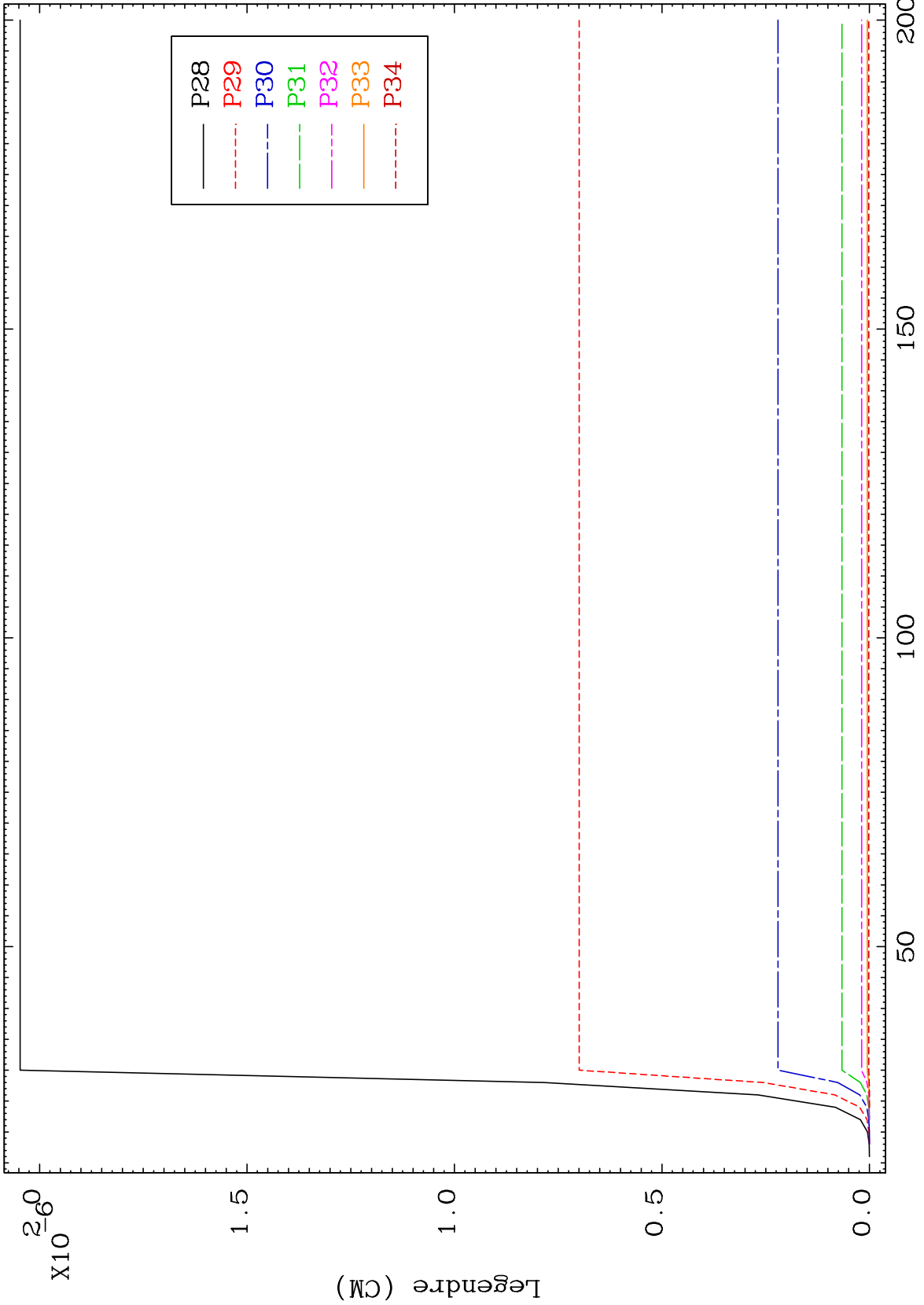
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



93

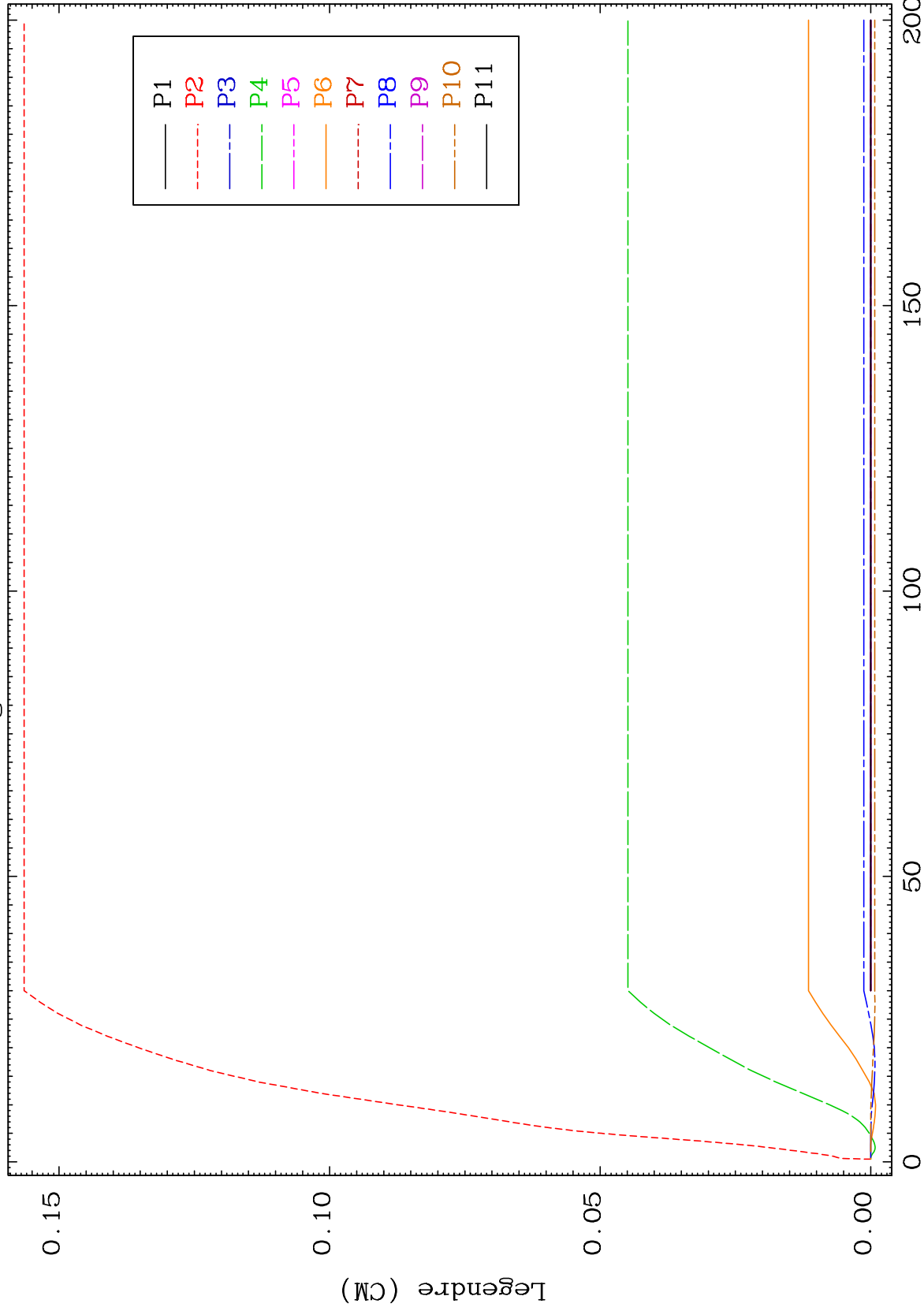
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



94

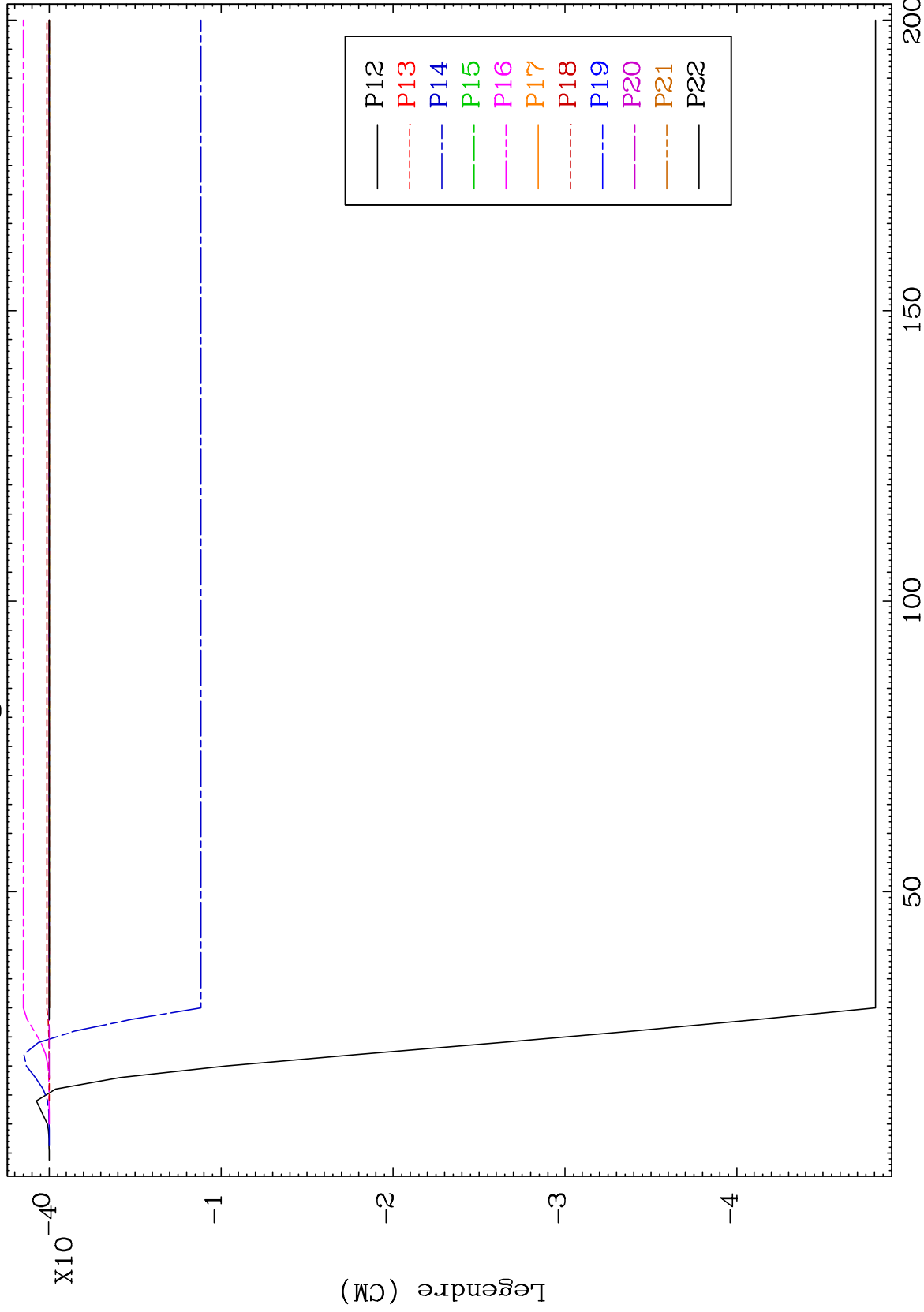
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



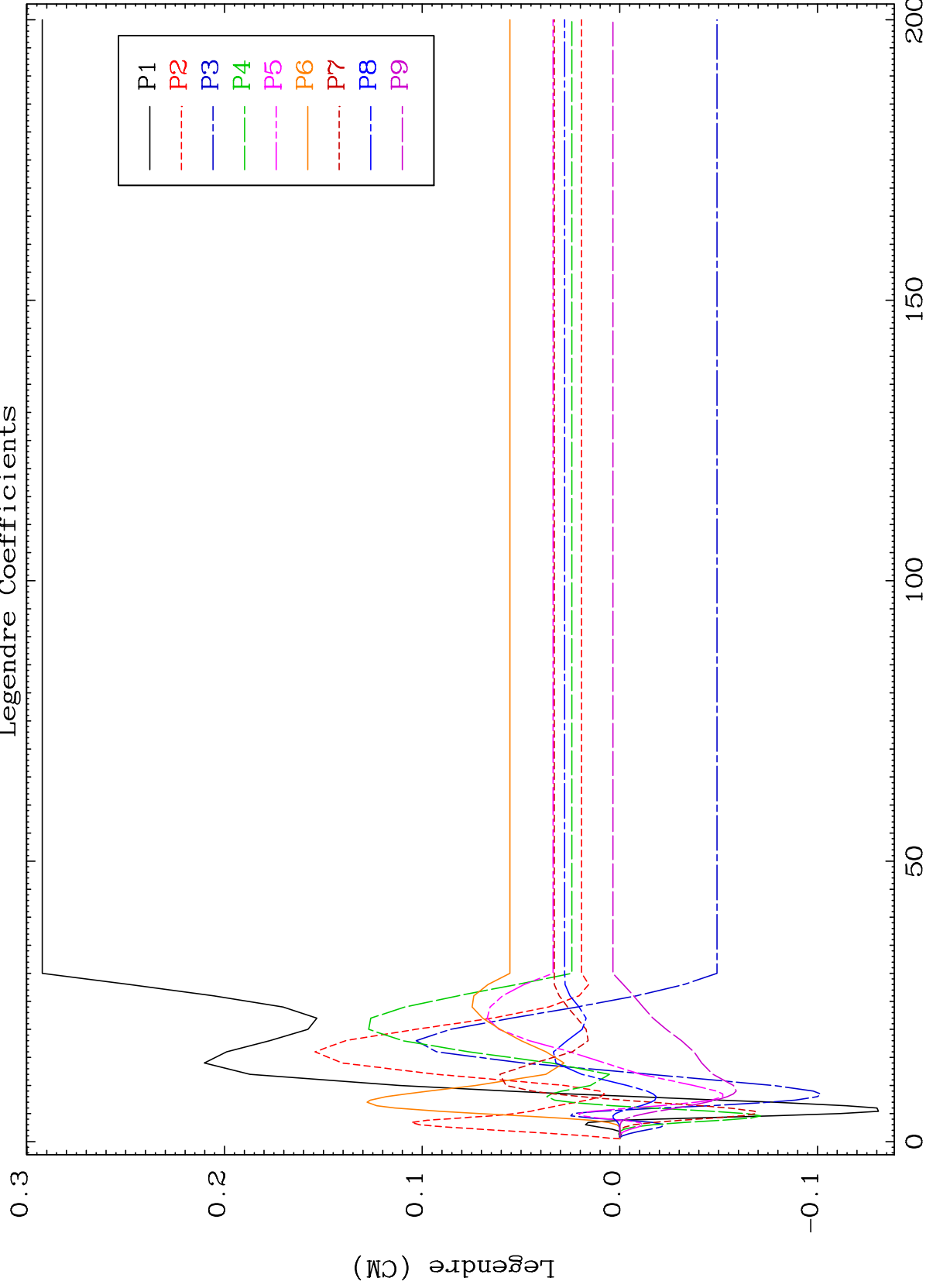
95

47-Ag-110

MAT 4734

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

47-Ag-110



96

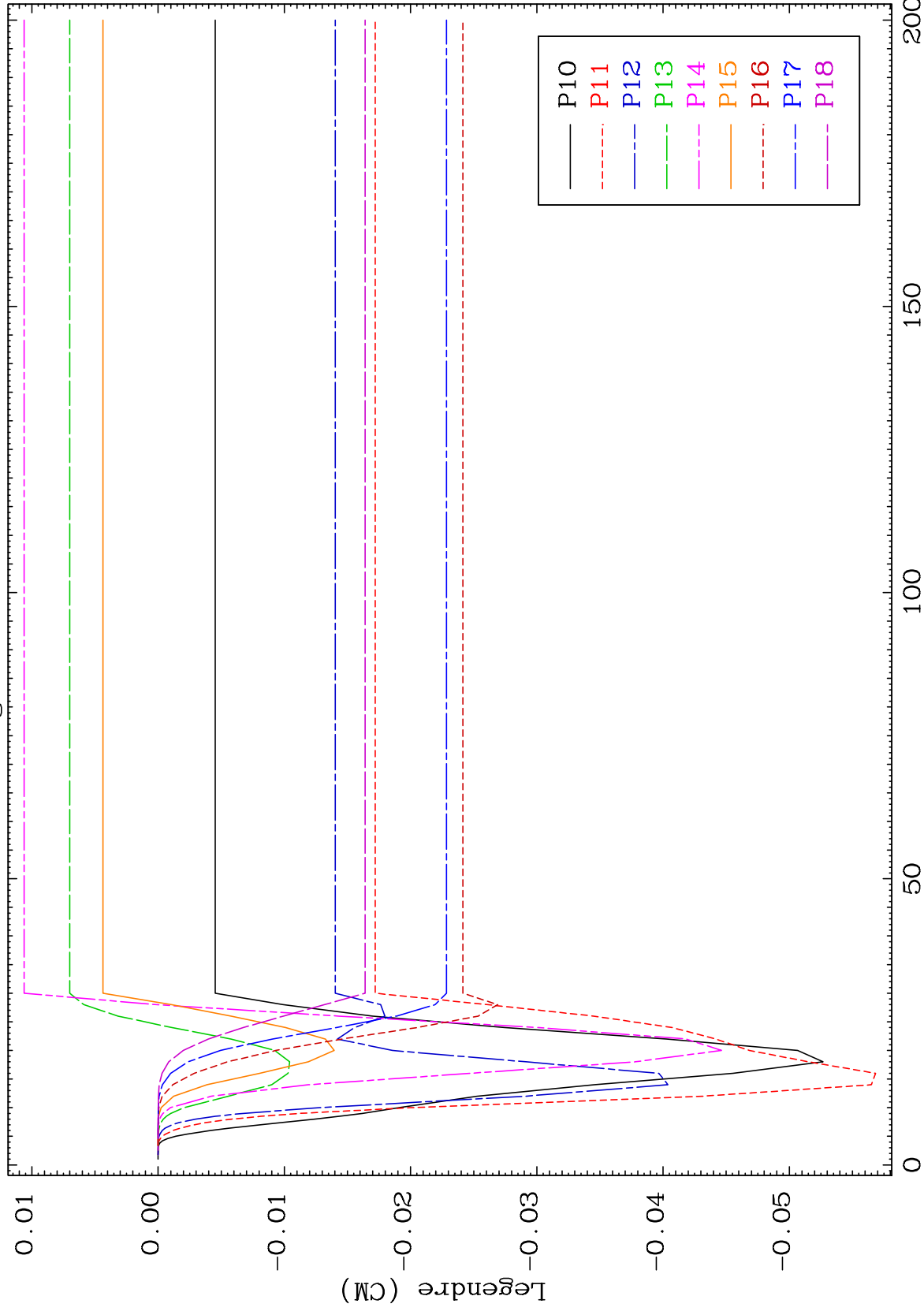
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



97

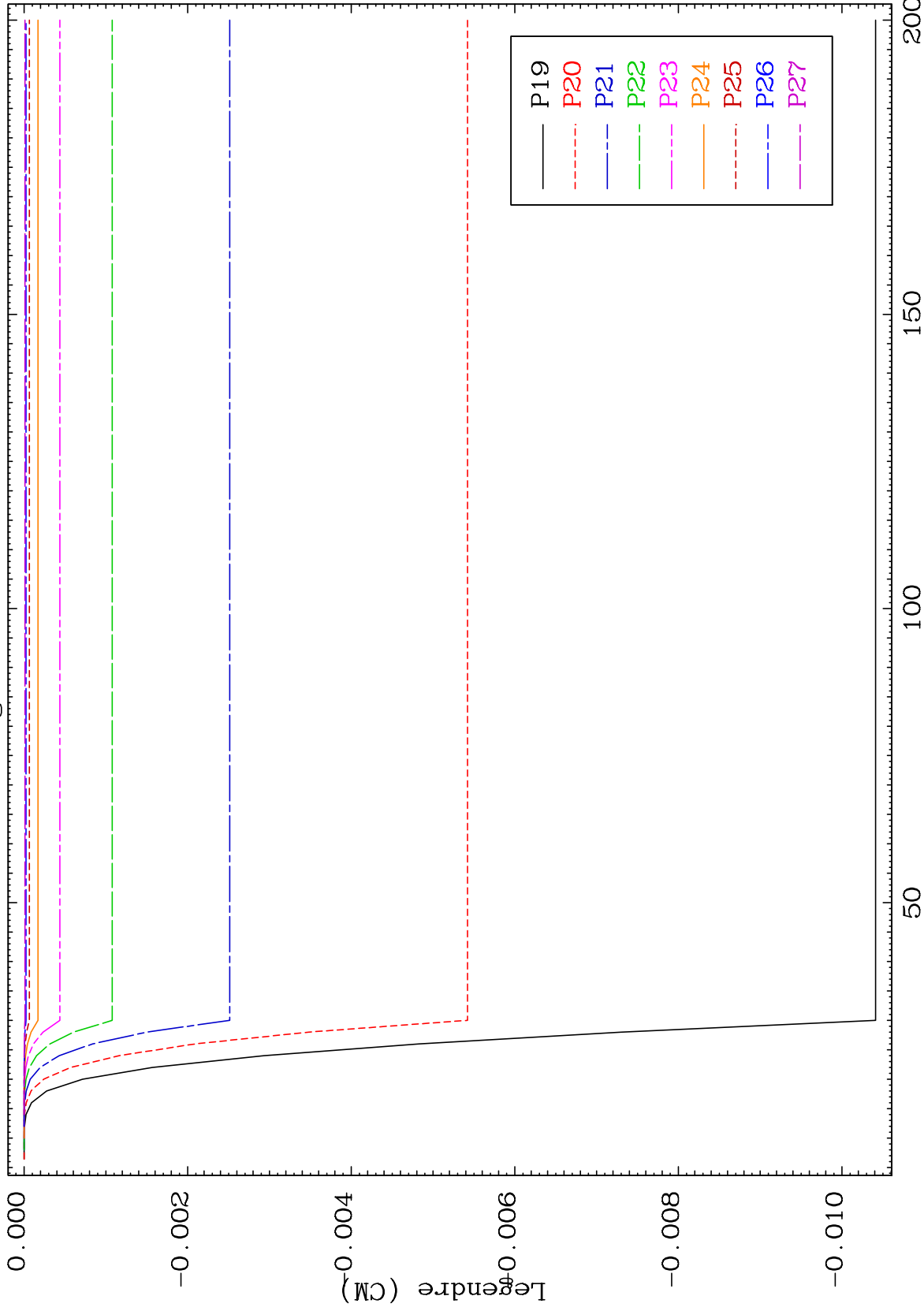
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



98

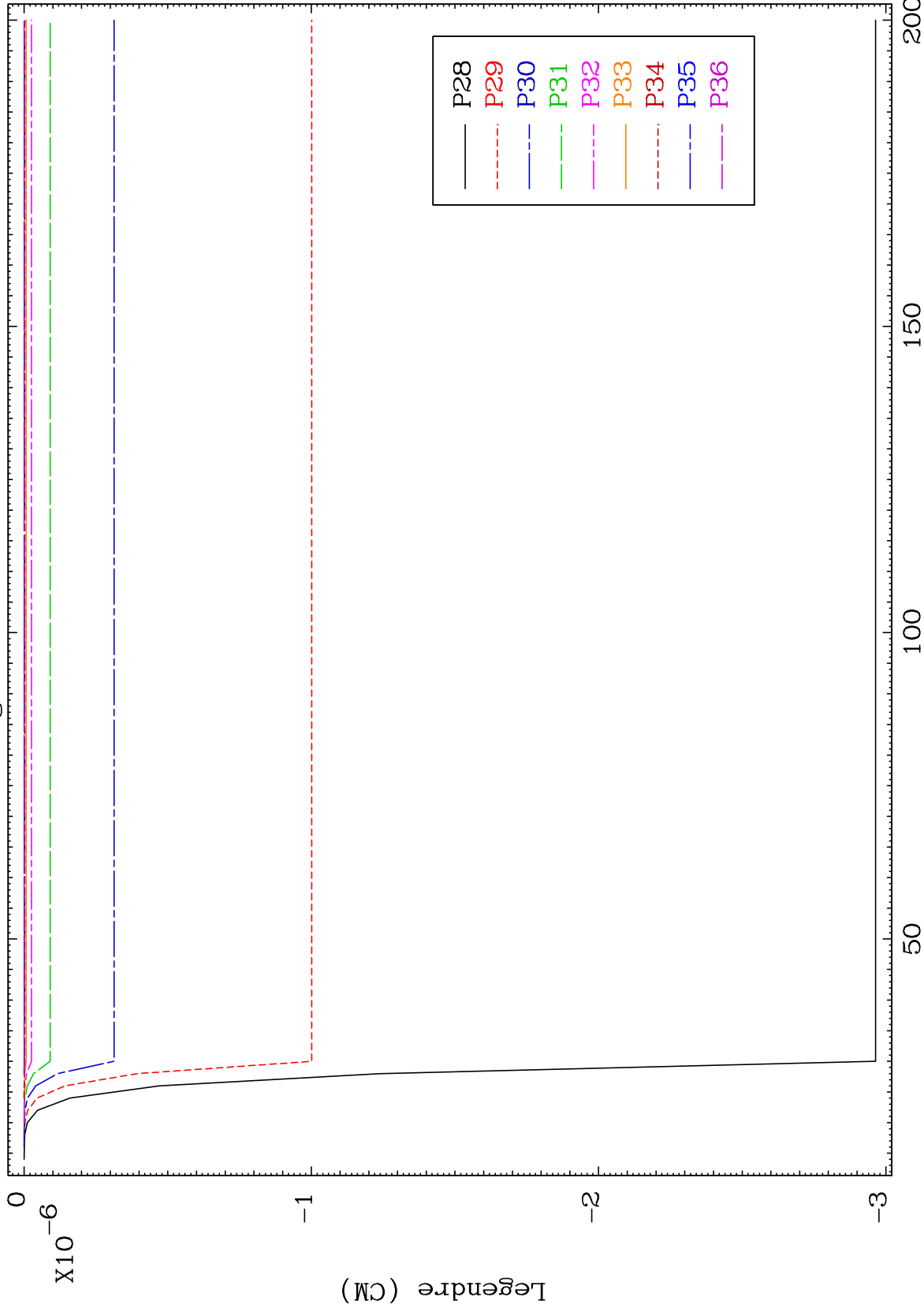
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



99

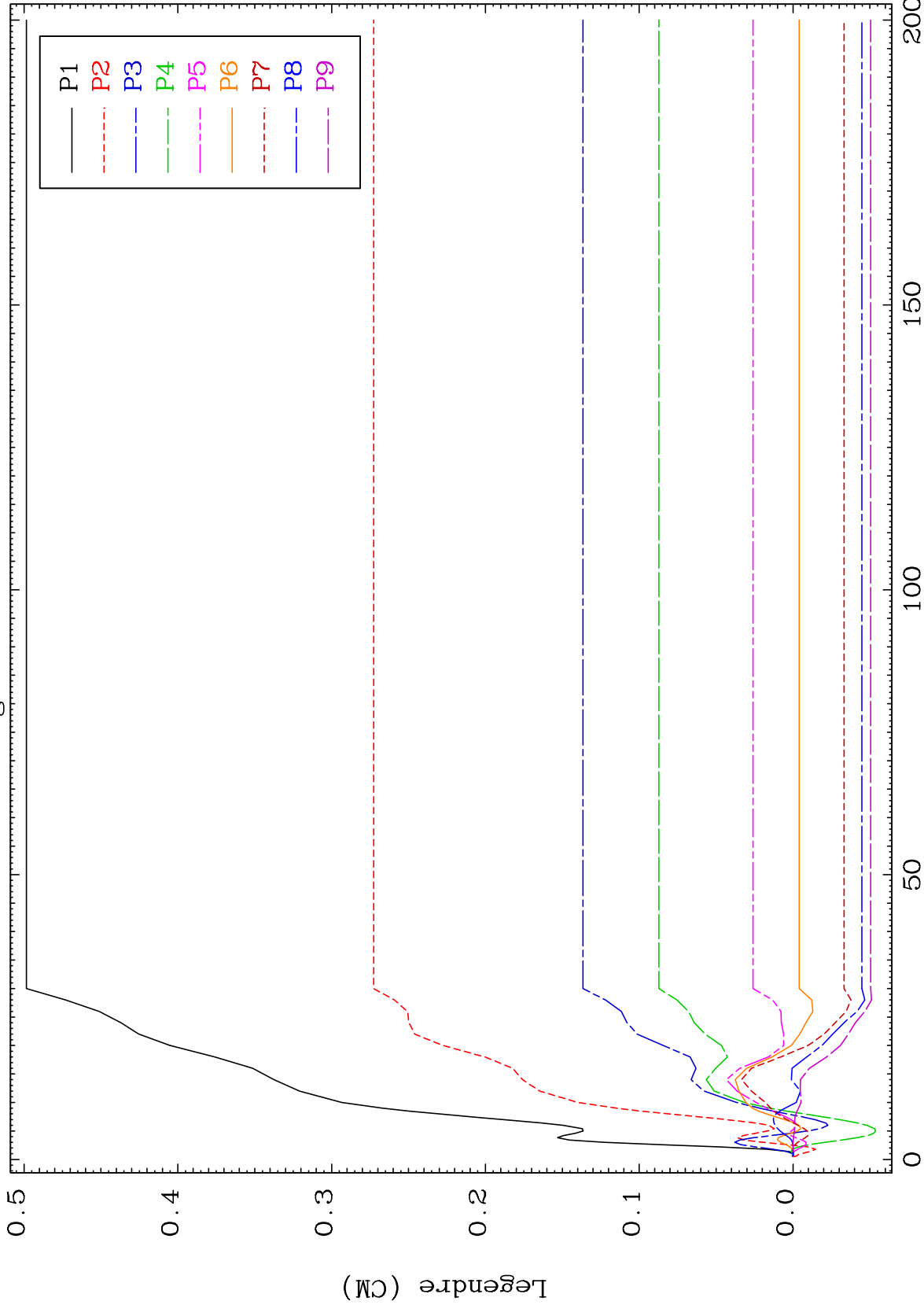
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

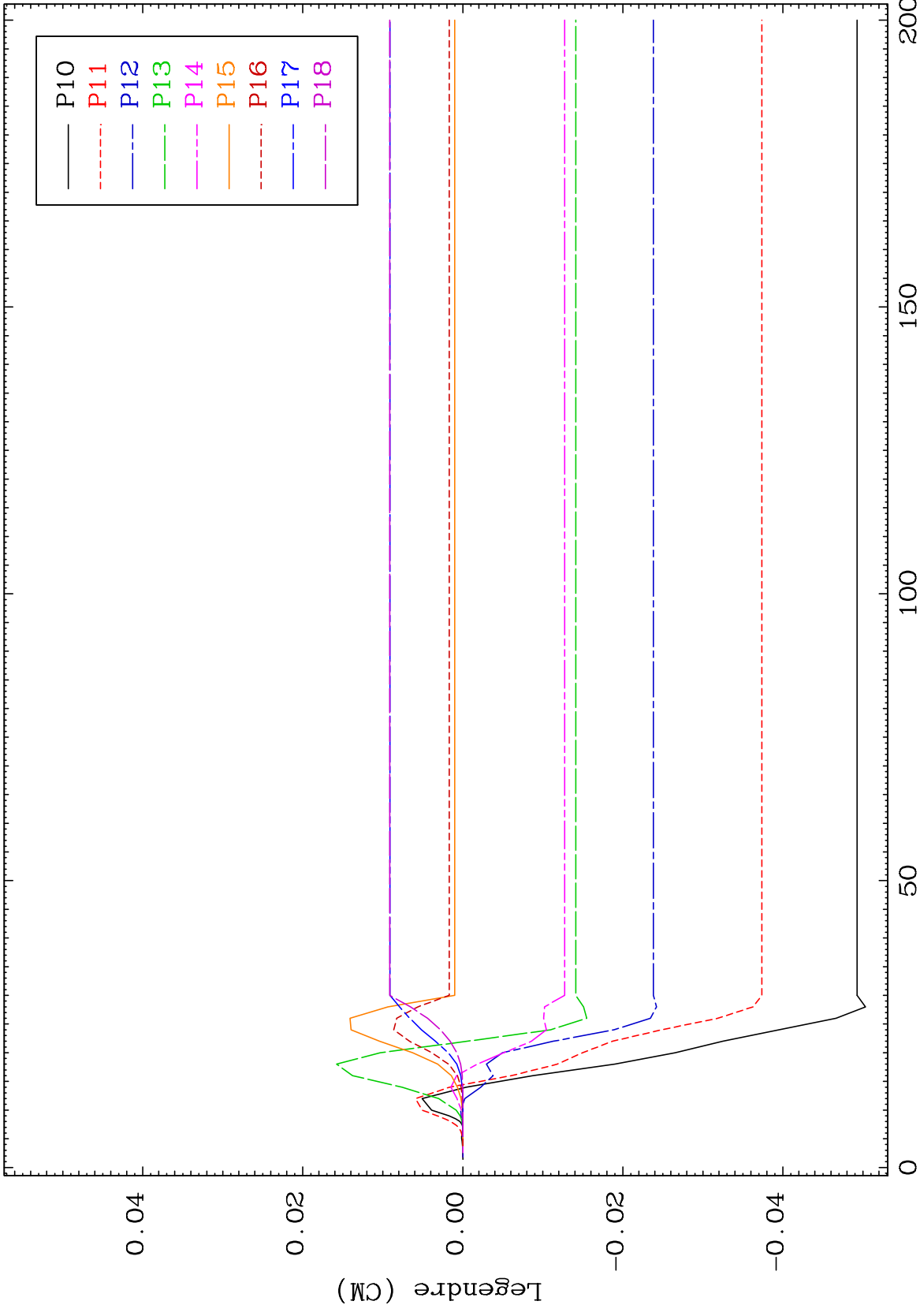
Incident Energy (MeV)

Legendre (CM)

MAT 4734

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

47-Ag-110



101

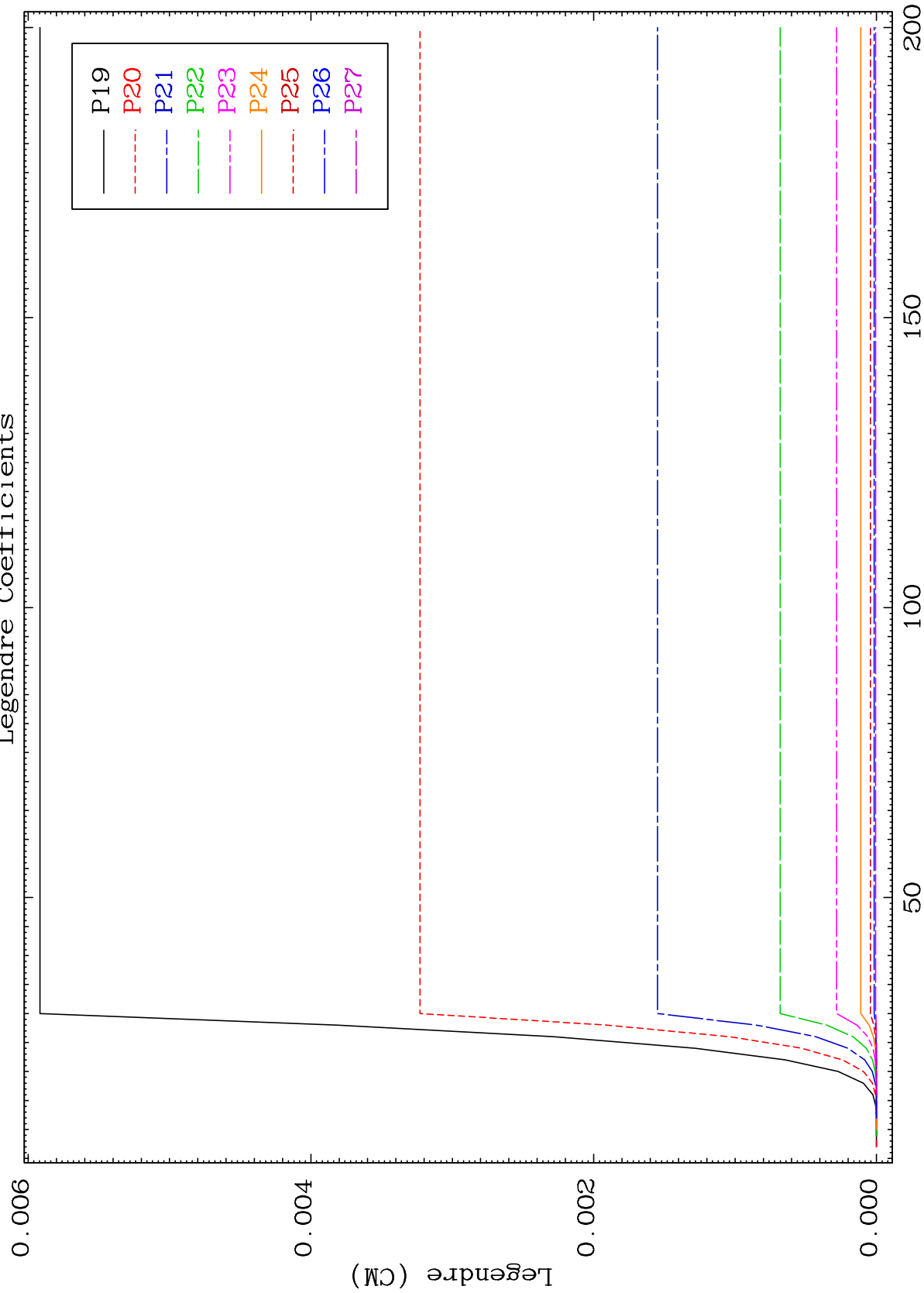
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



102

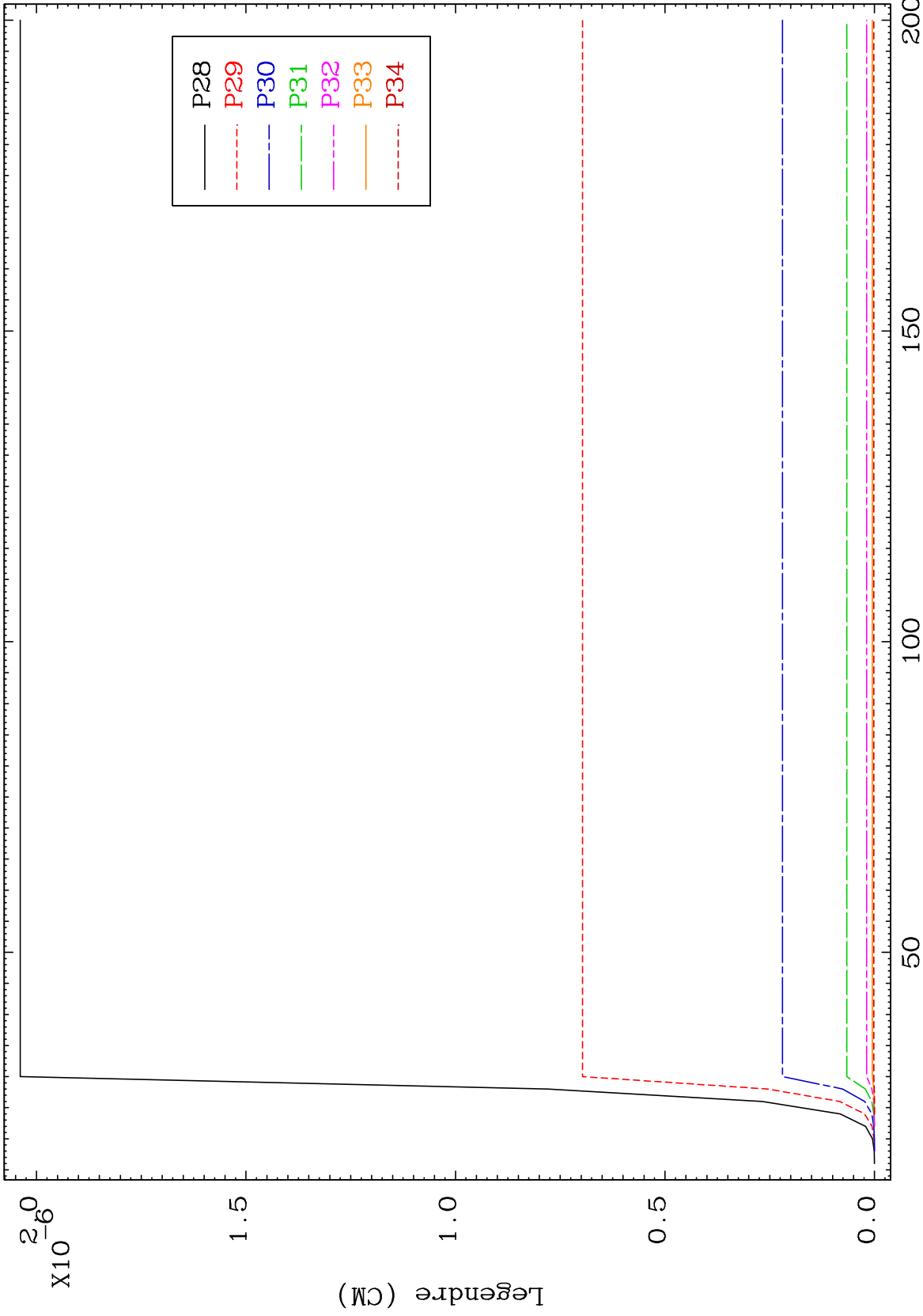
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



103

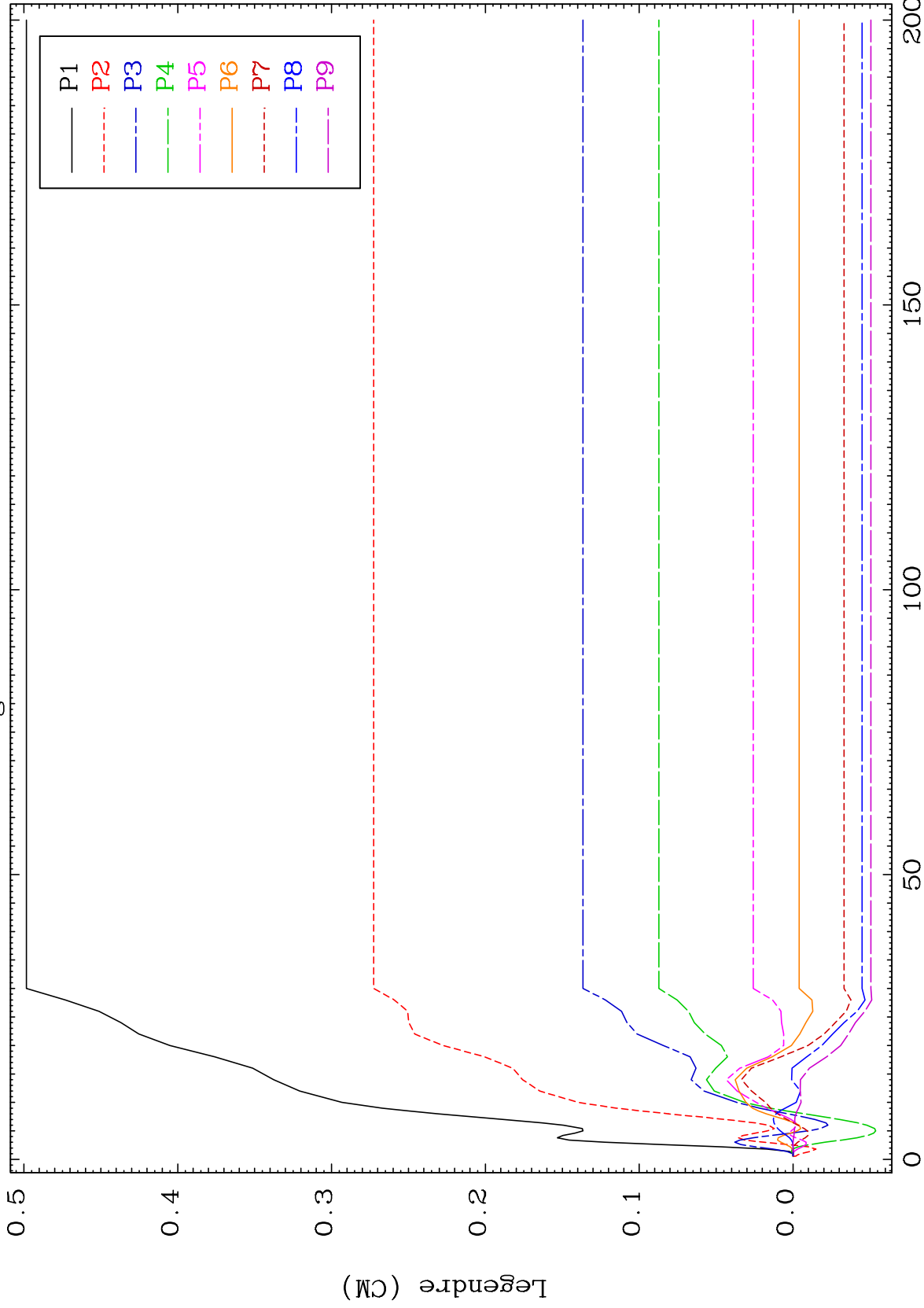
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

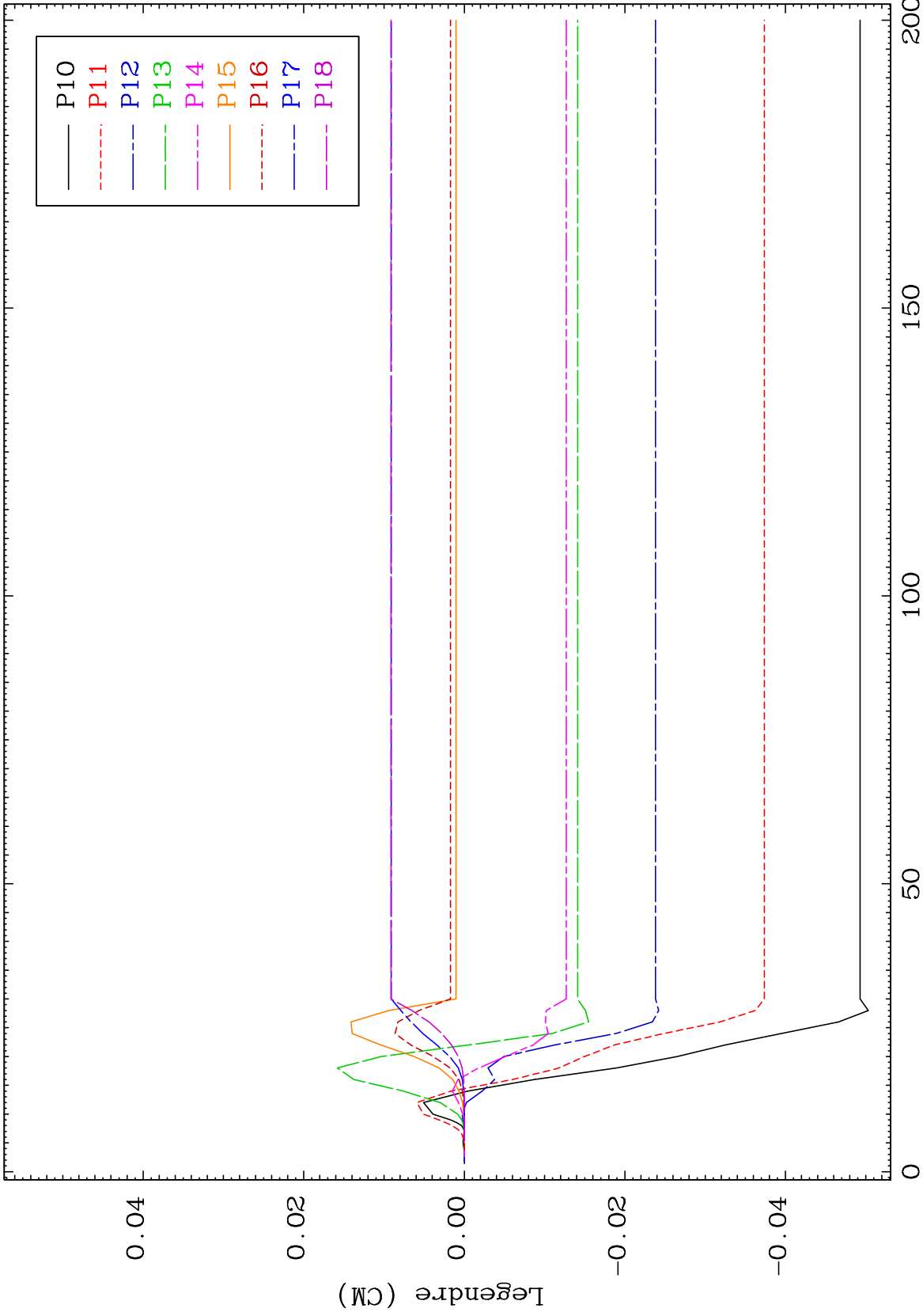
Incident Energy (MeV)

104

MAT 4734

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

47-Ag-110



105

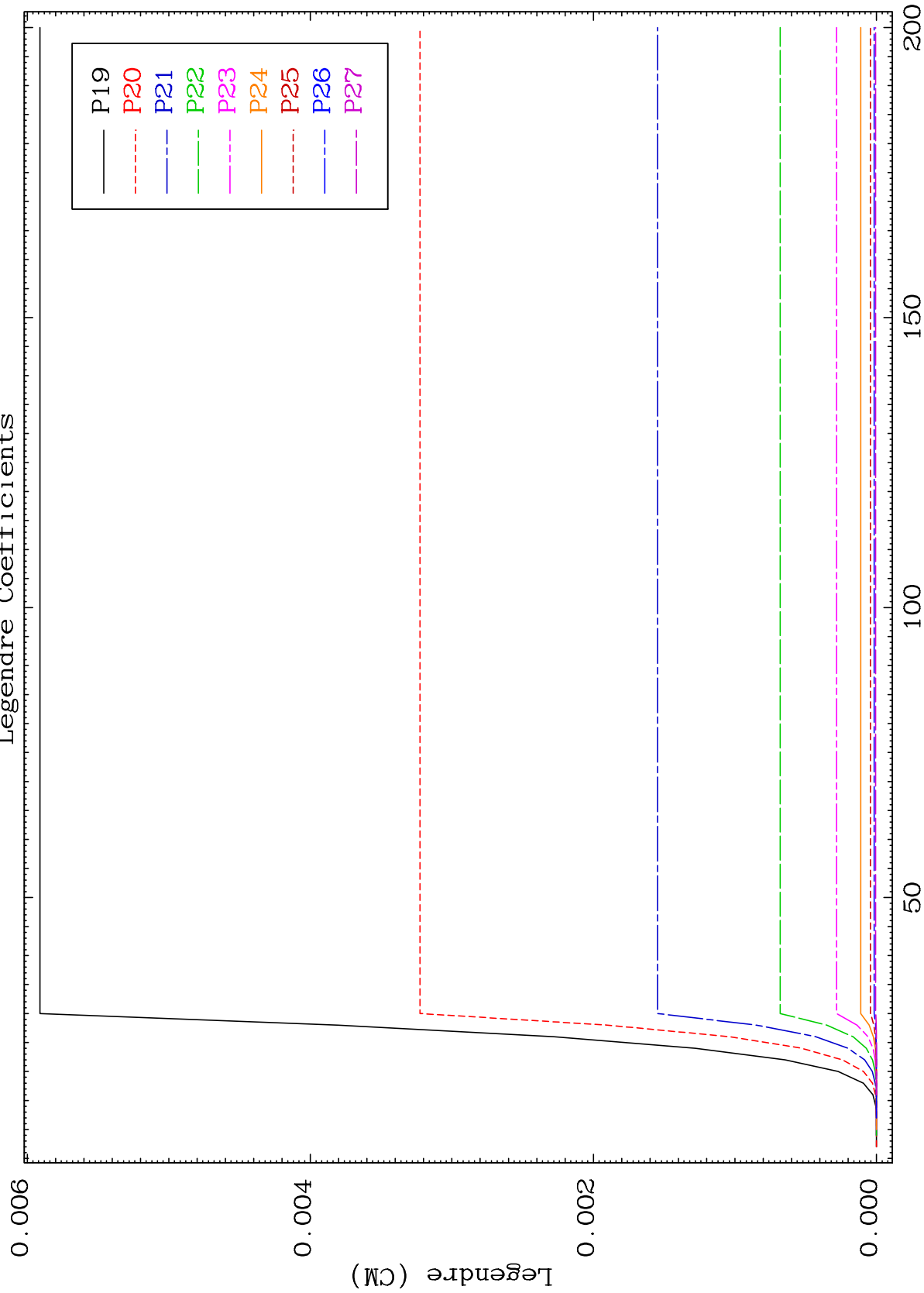
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



106

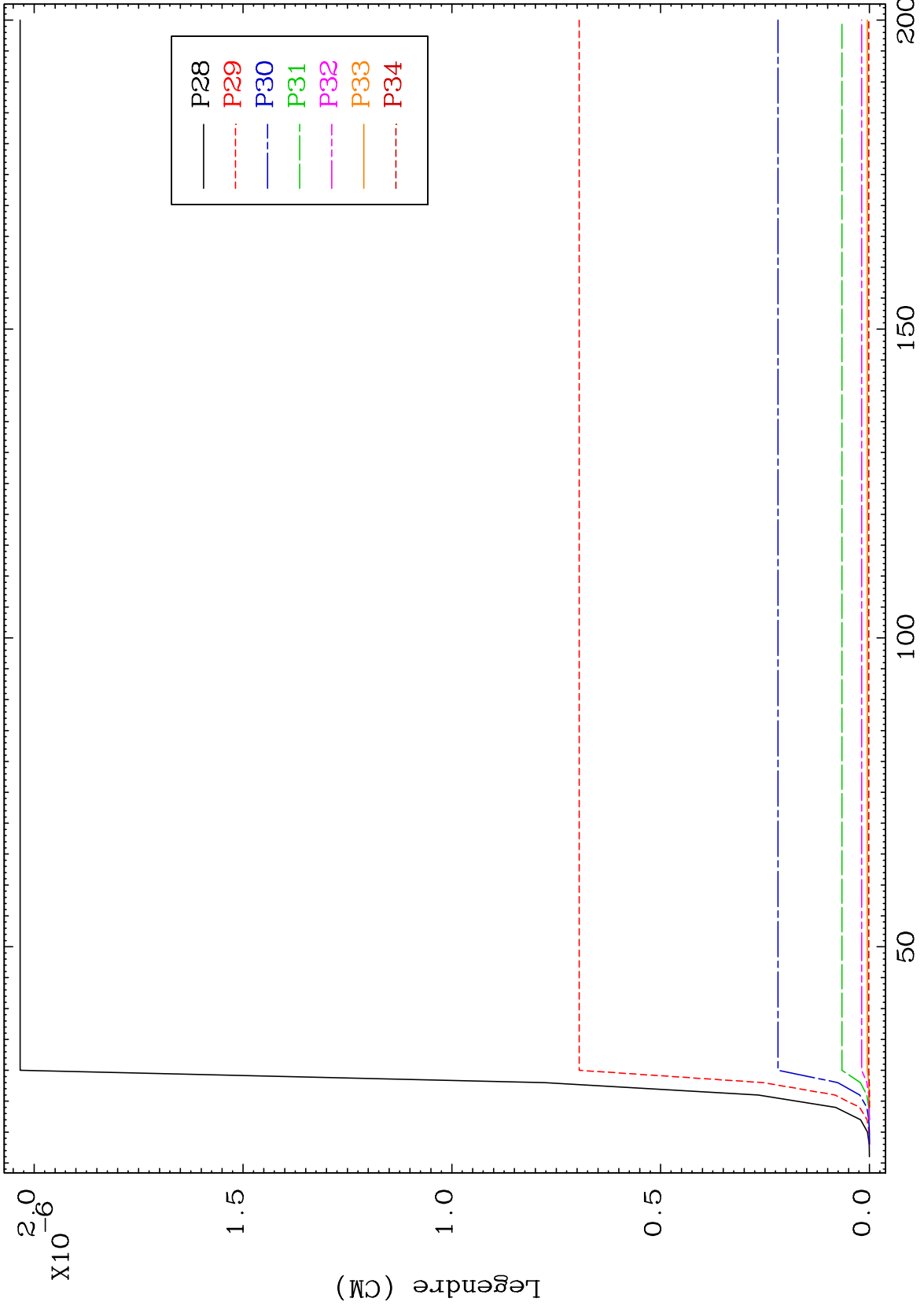
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



107

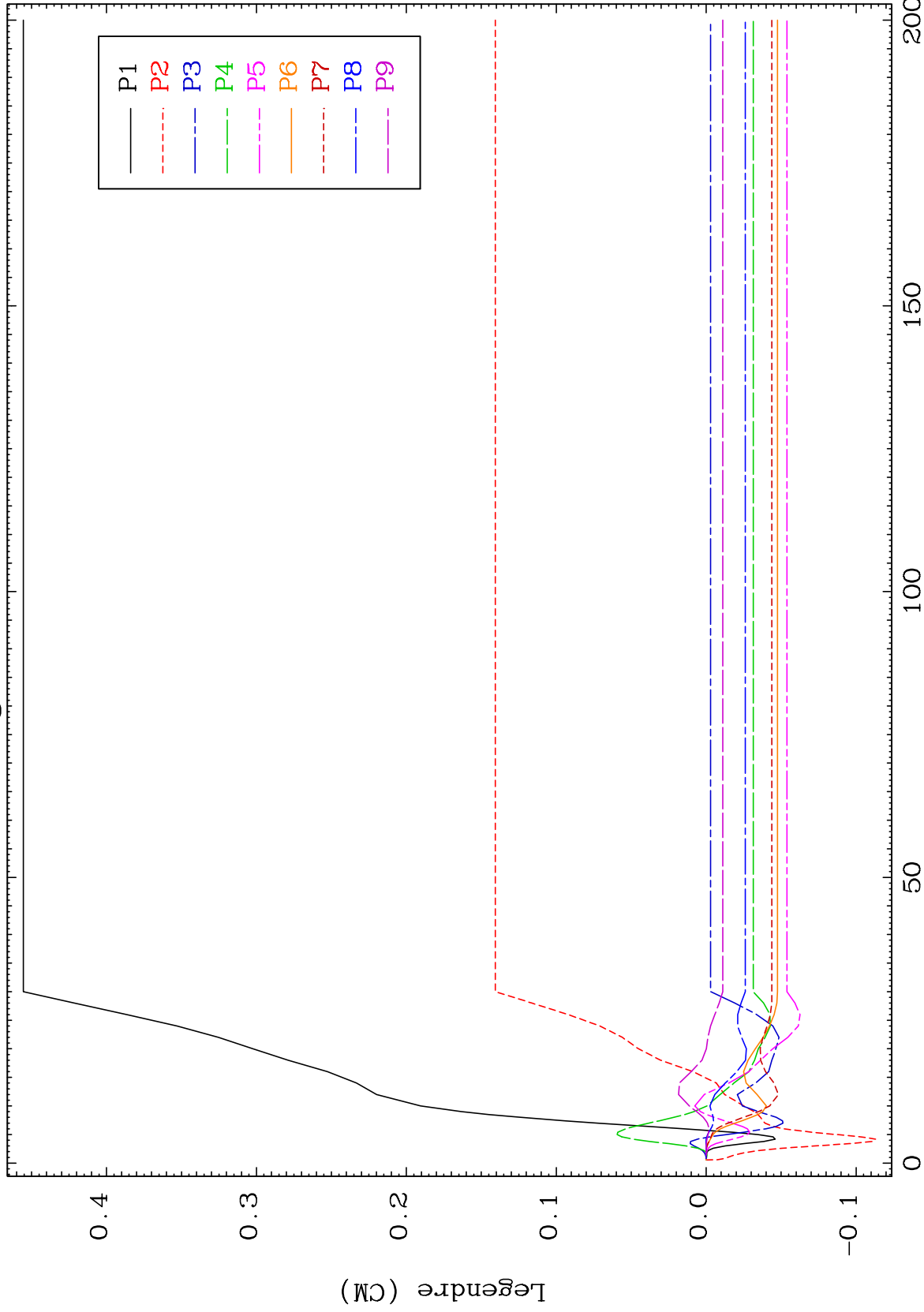
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



108

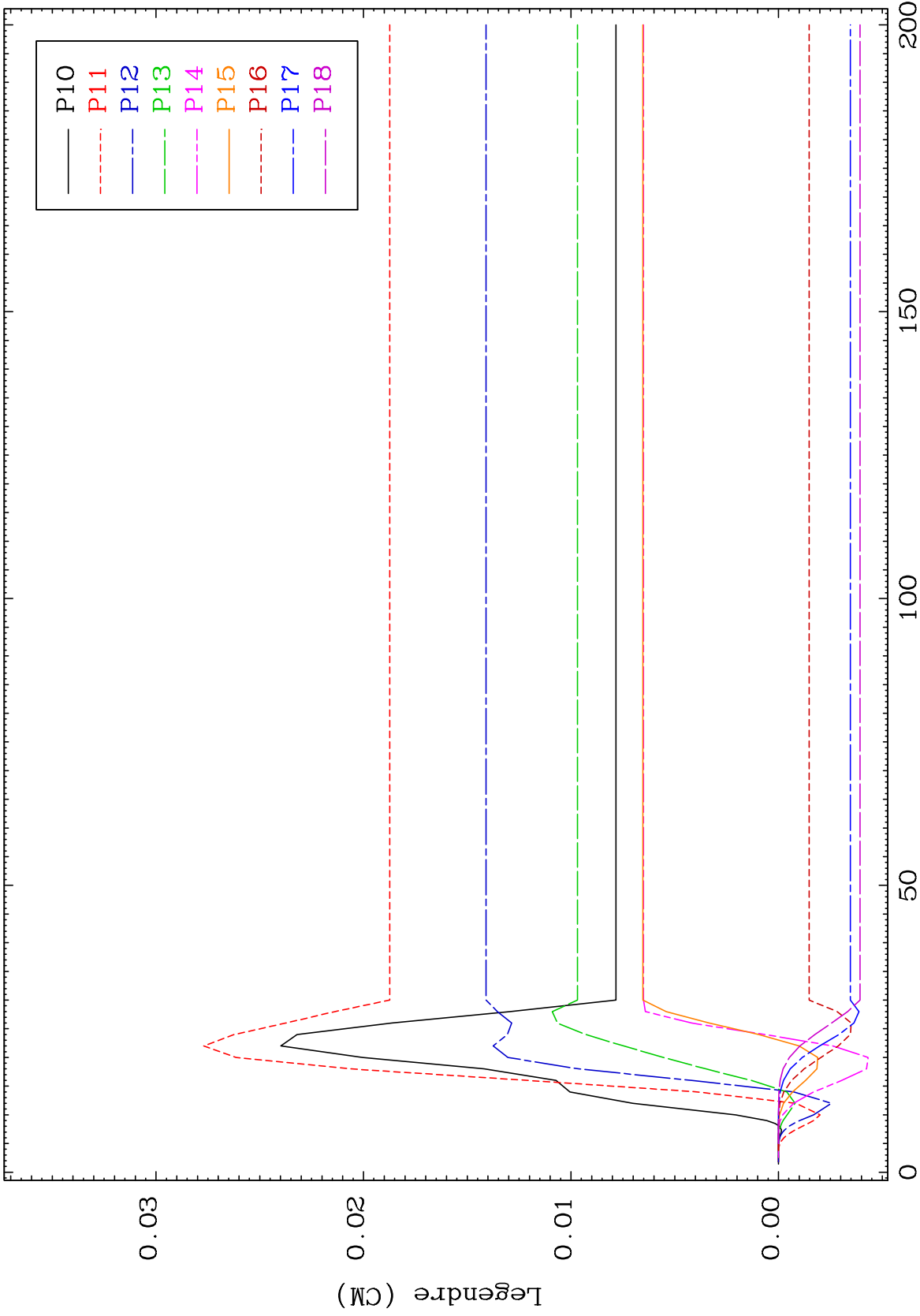
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



109

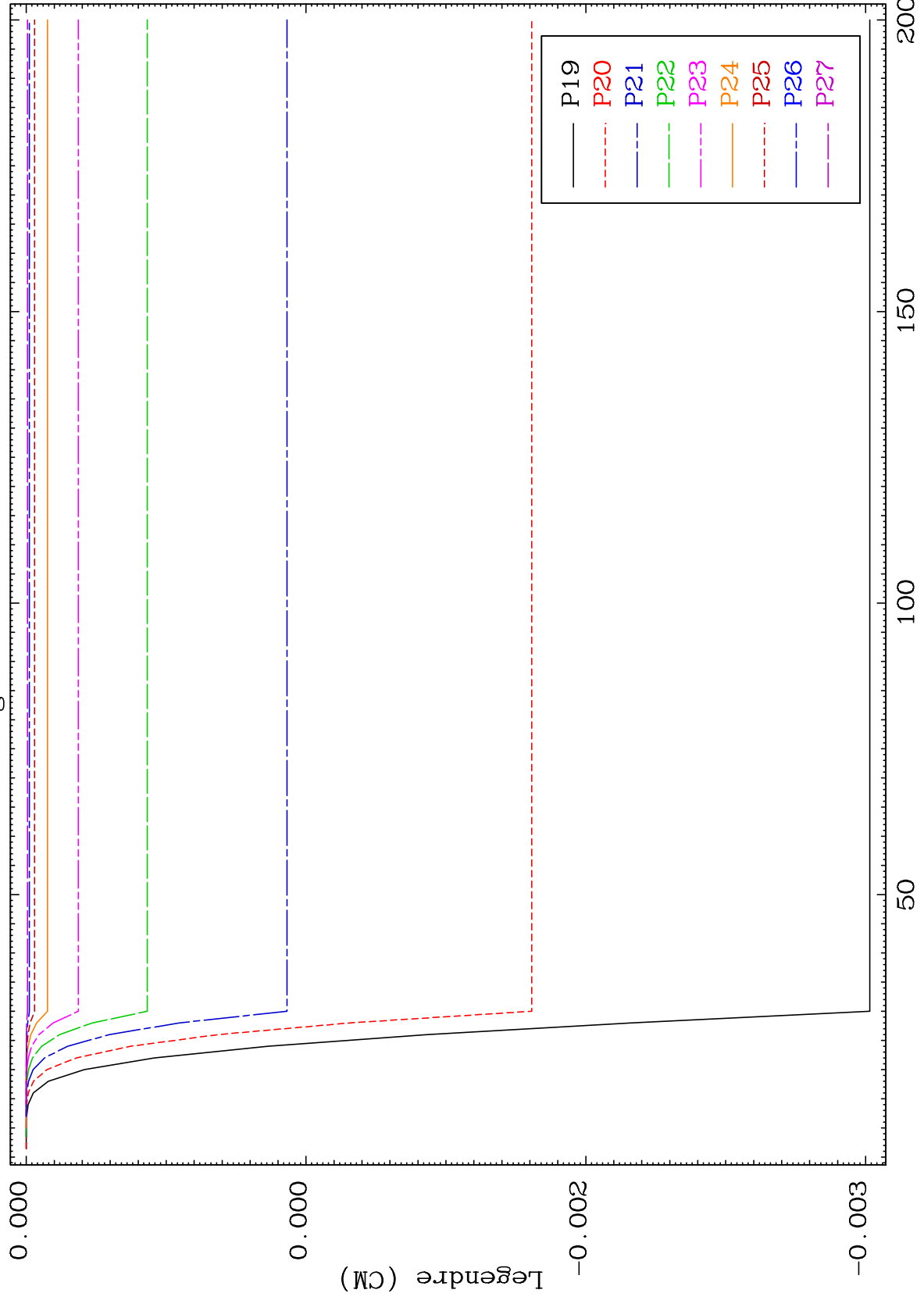
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



47-Ag-110

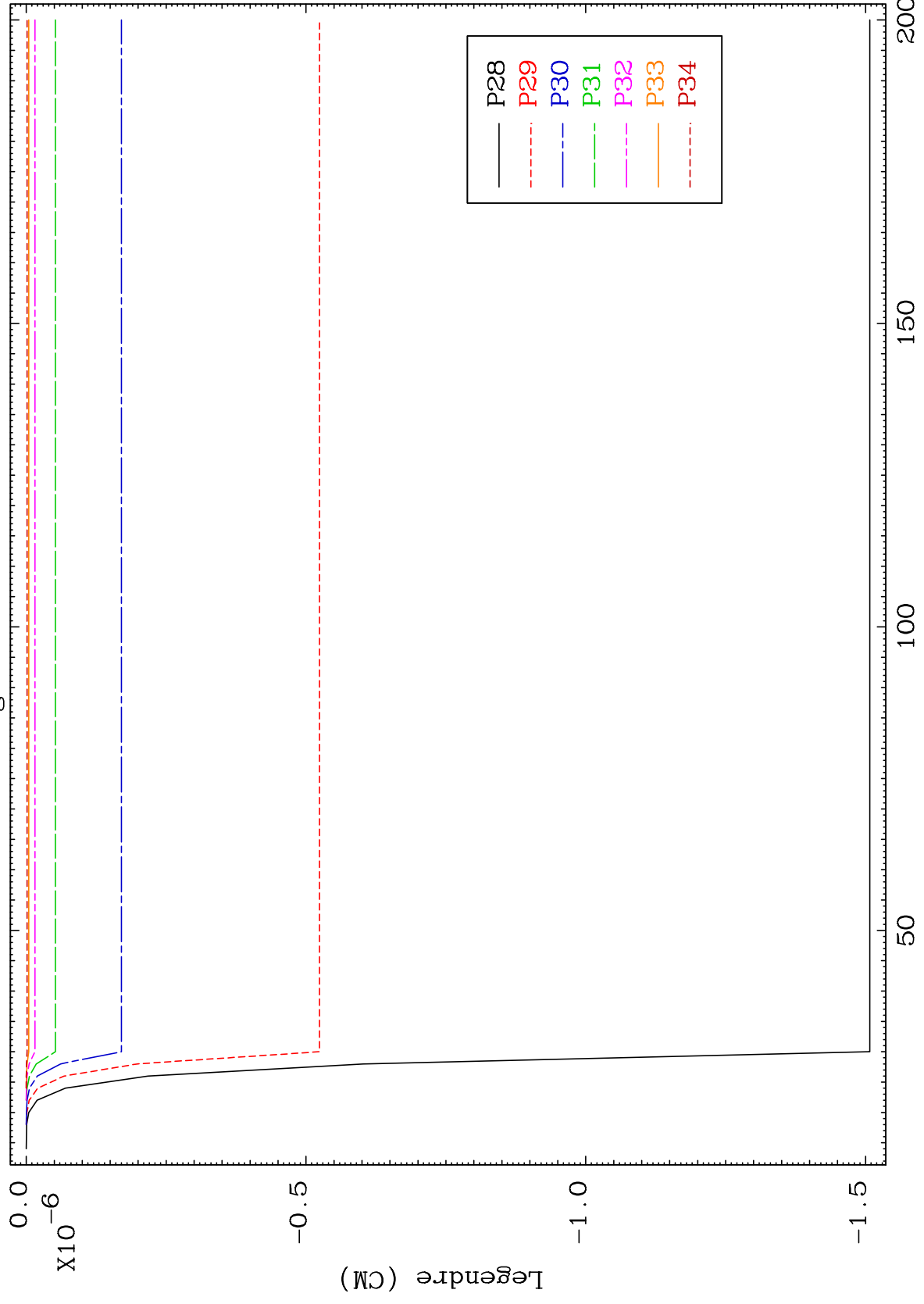
Incident Energy (MeV)

110

MAT 4734

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

47-Ag-110



47-Ag-110

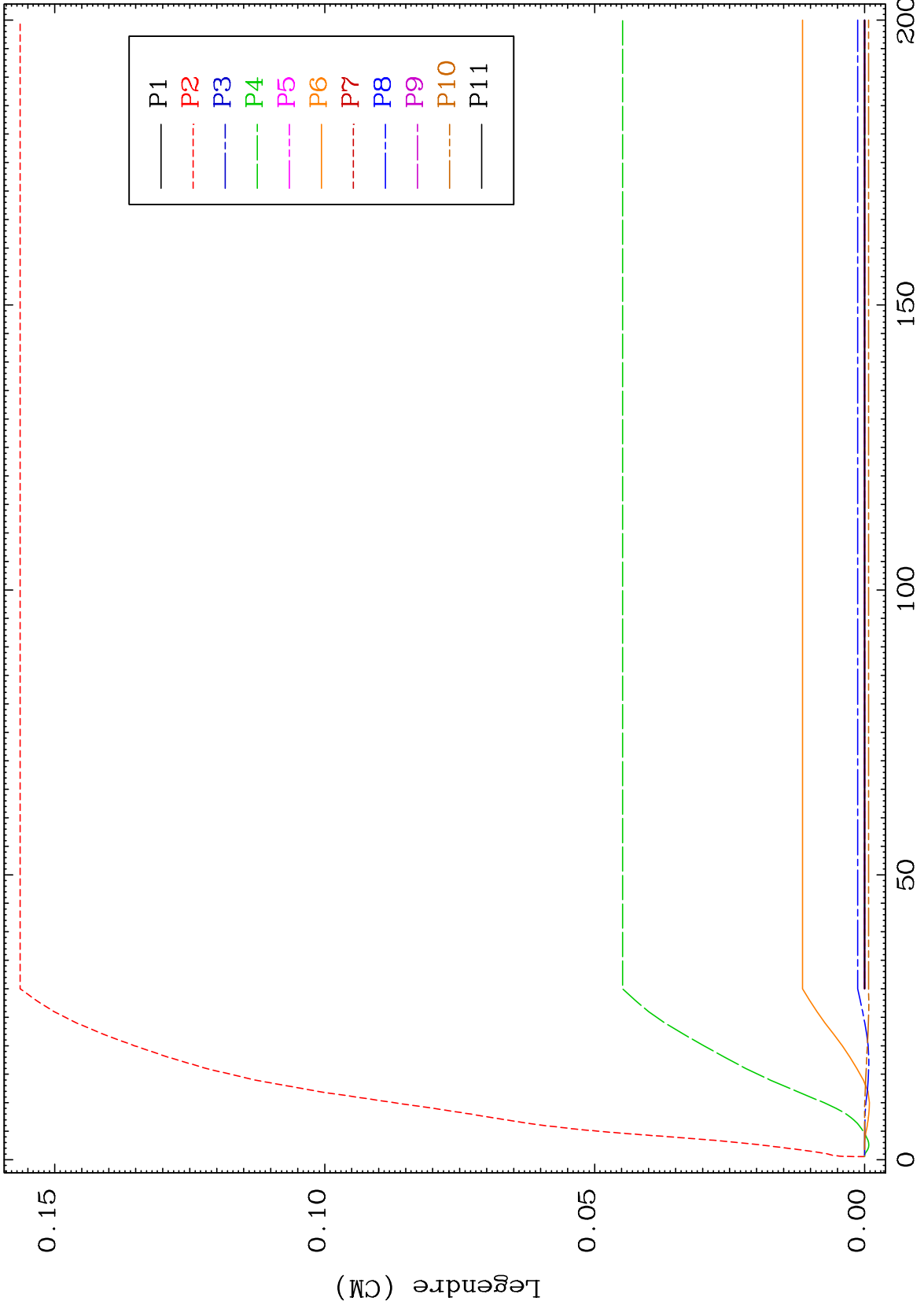
Incident Energy (MeV)

111

MAT 4734

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

47-Ag-110



112

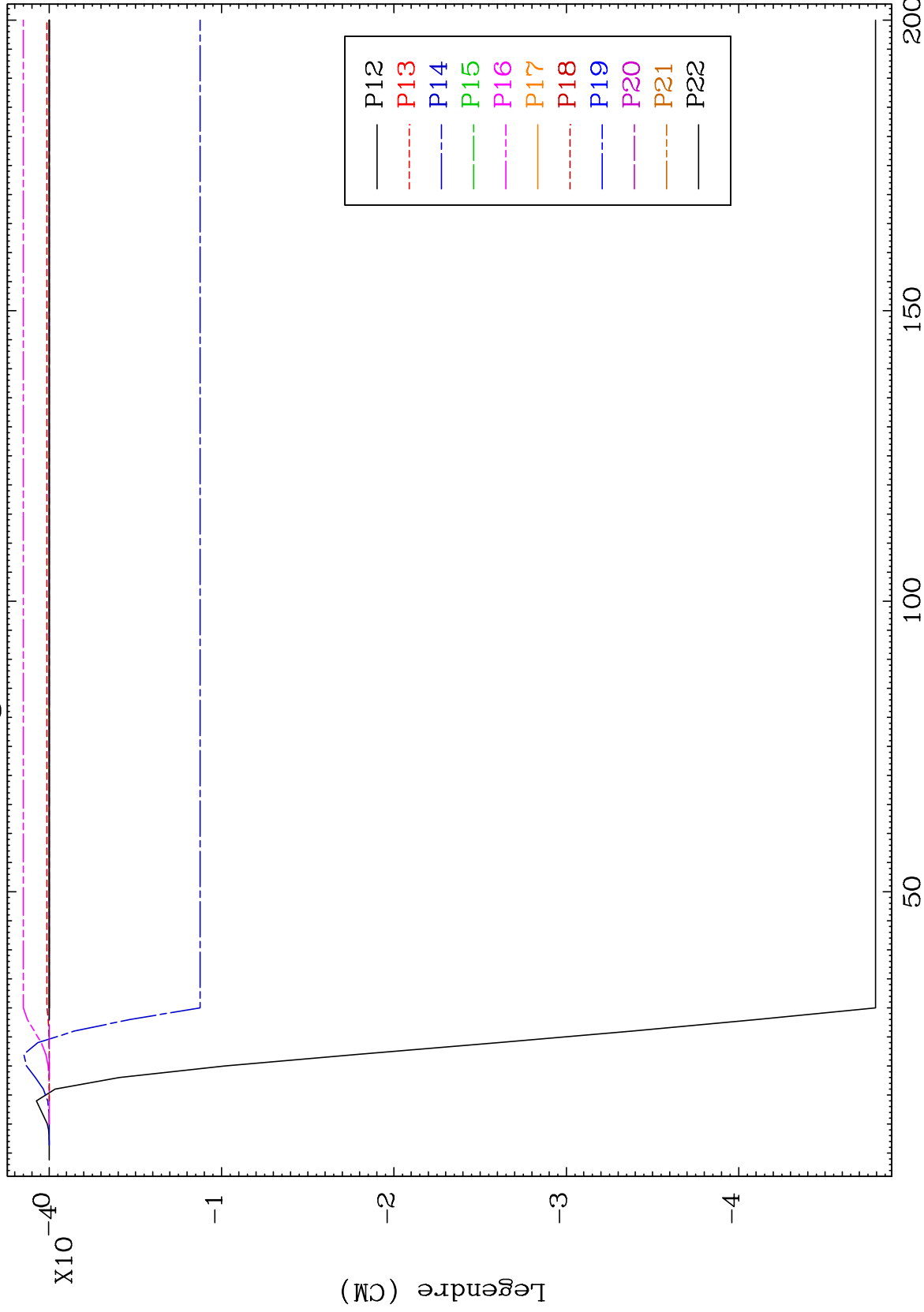
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



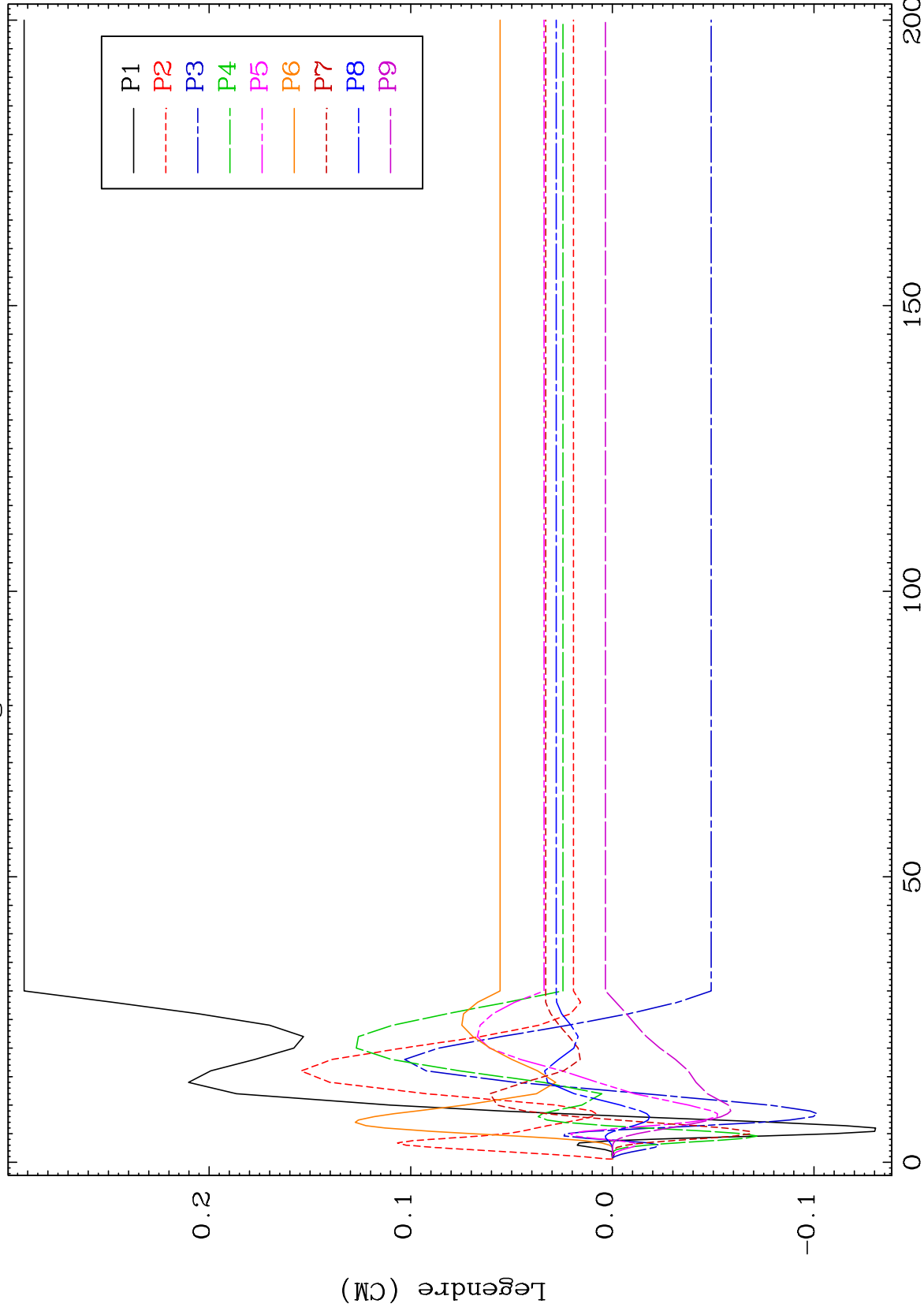
113

47-Ag-110

MAT 4734

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

47-Ag-110



114

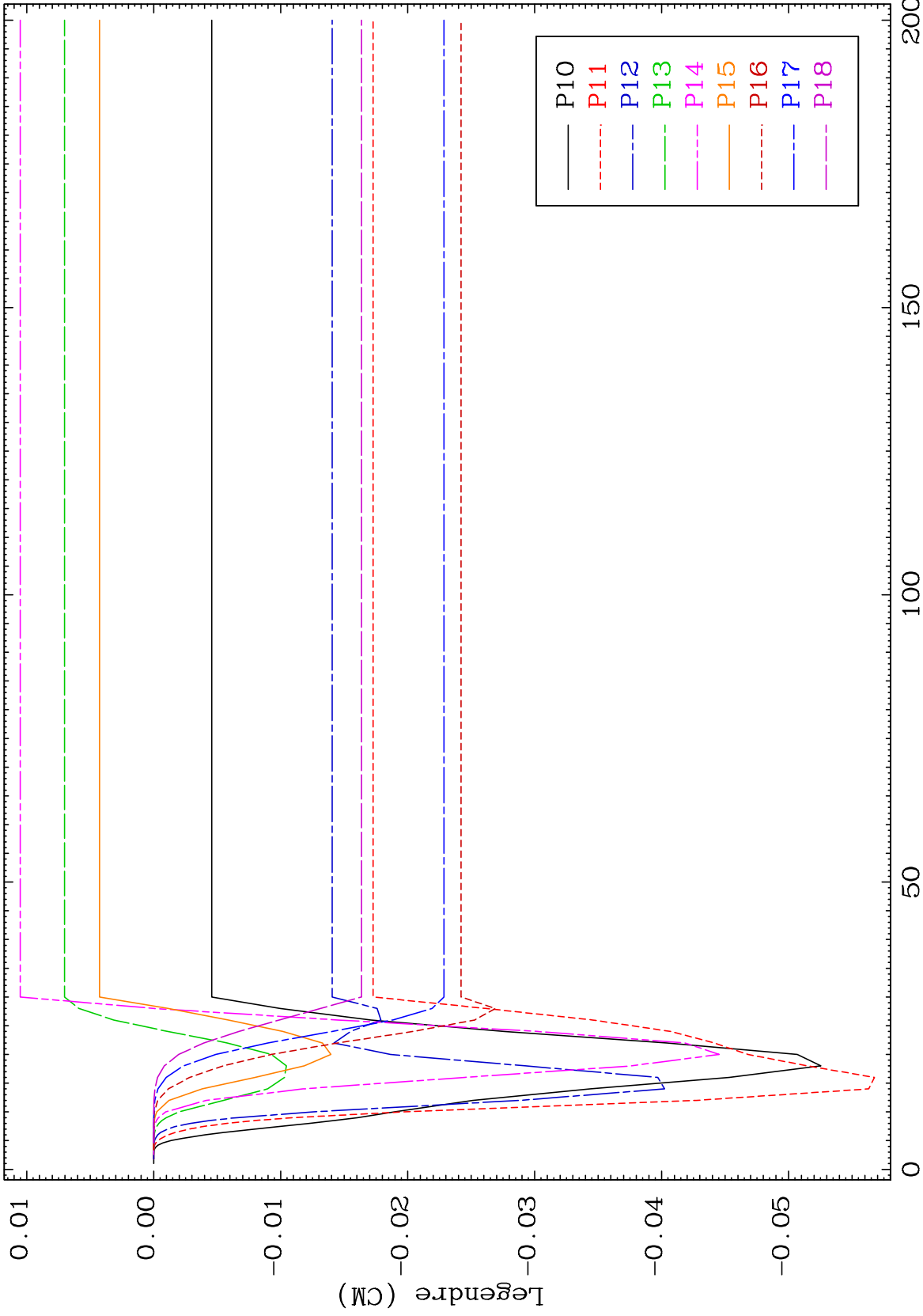
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



115

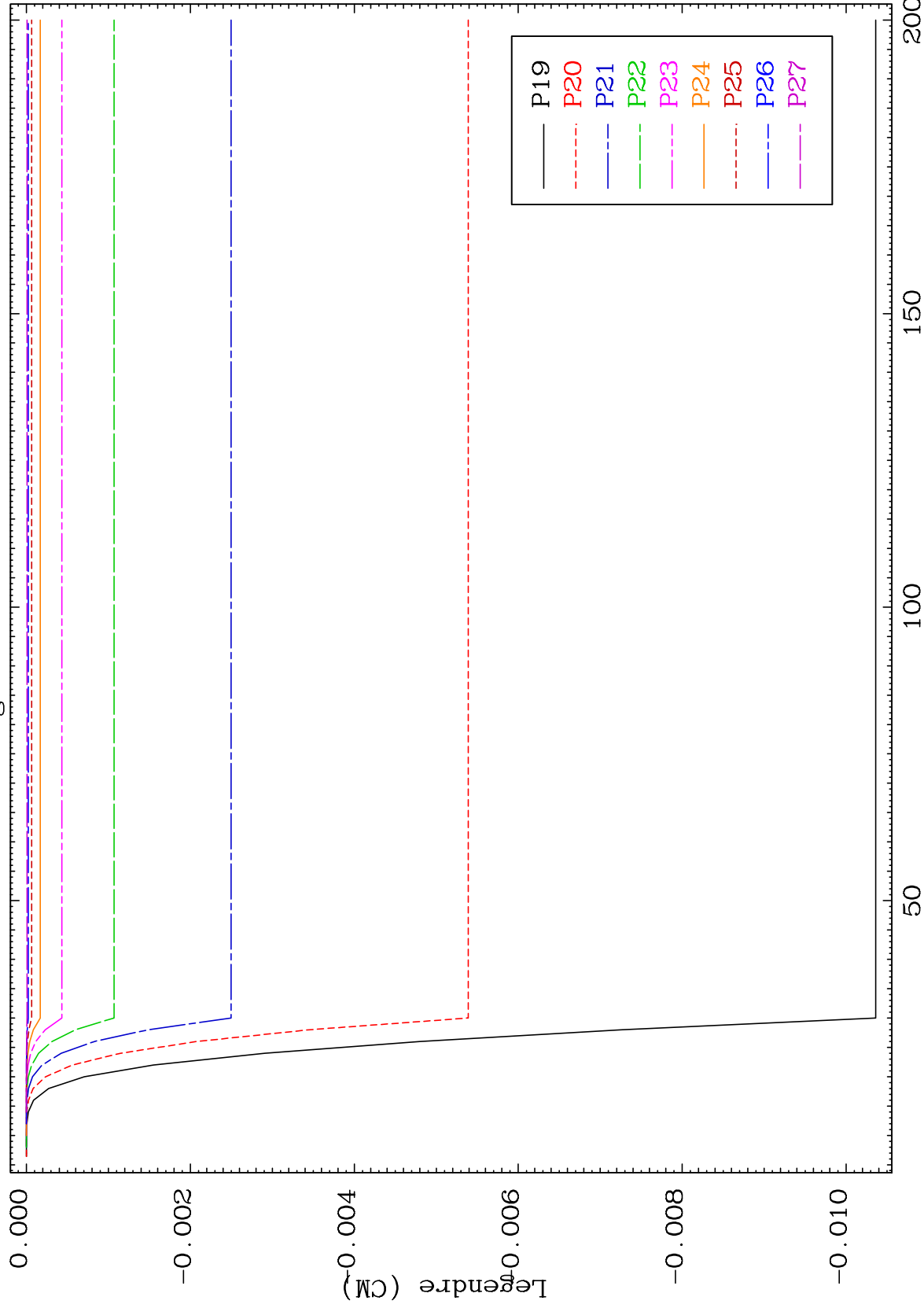
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



116

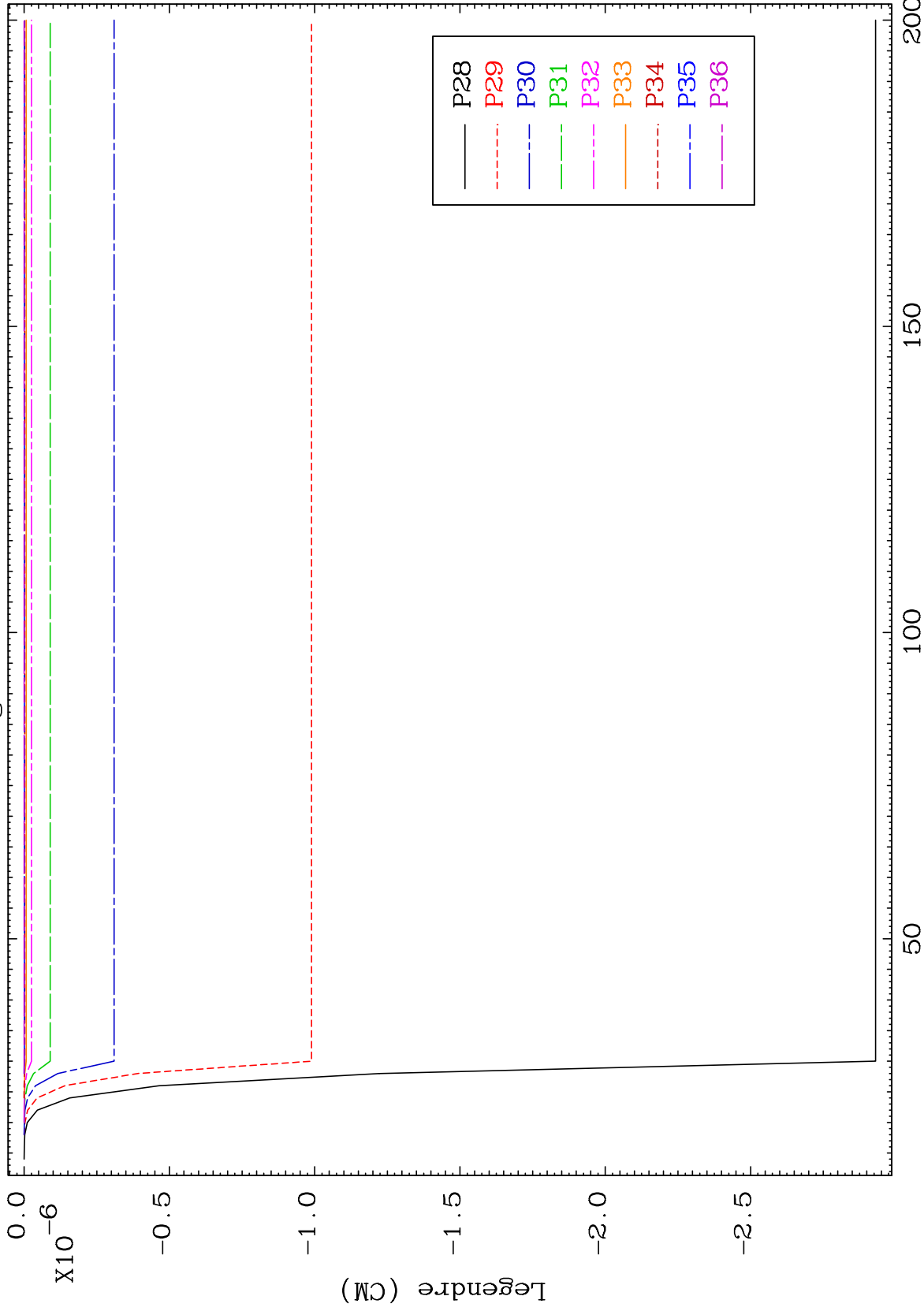
Incident Energy (MeV)

47-Ag-110

MAT 4734

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

47-Ag-110



117

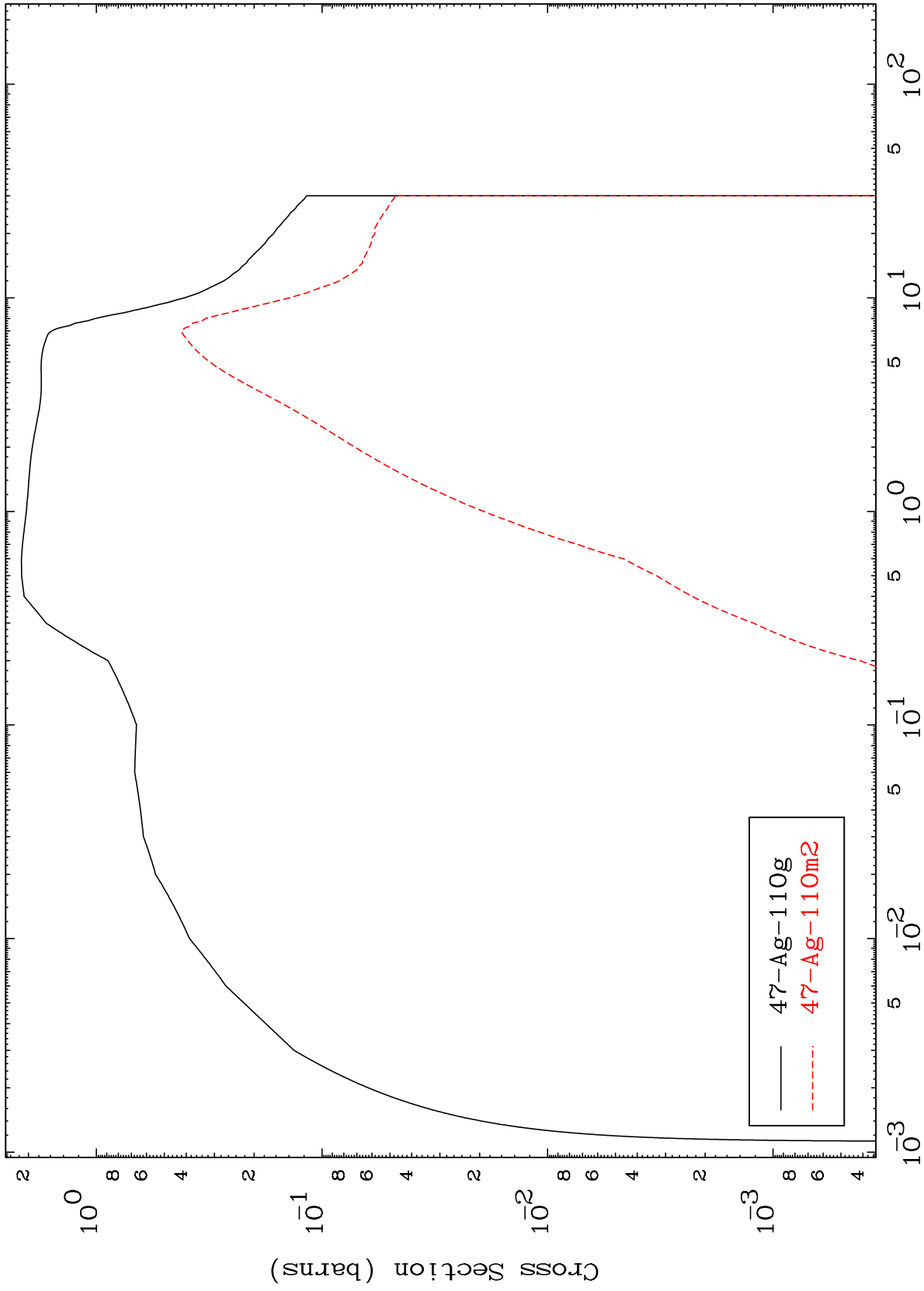
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

Inelastic Radionuclide Production Cross Section



118

Incident Energy (MeV)

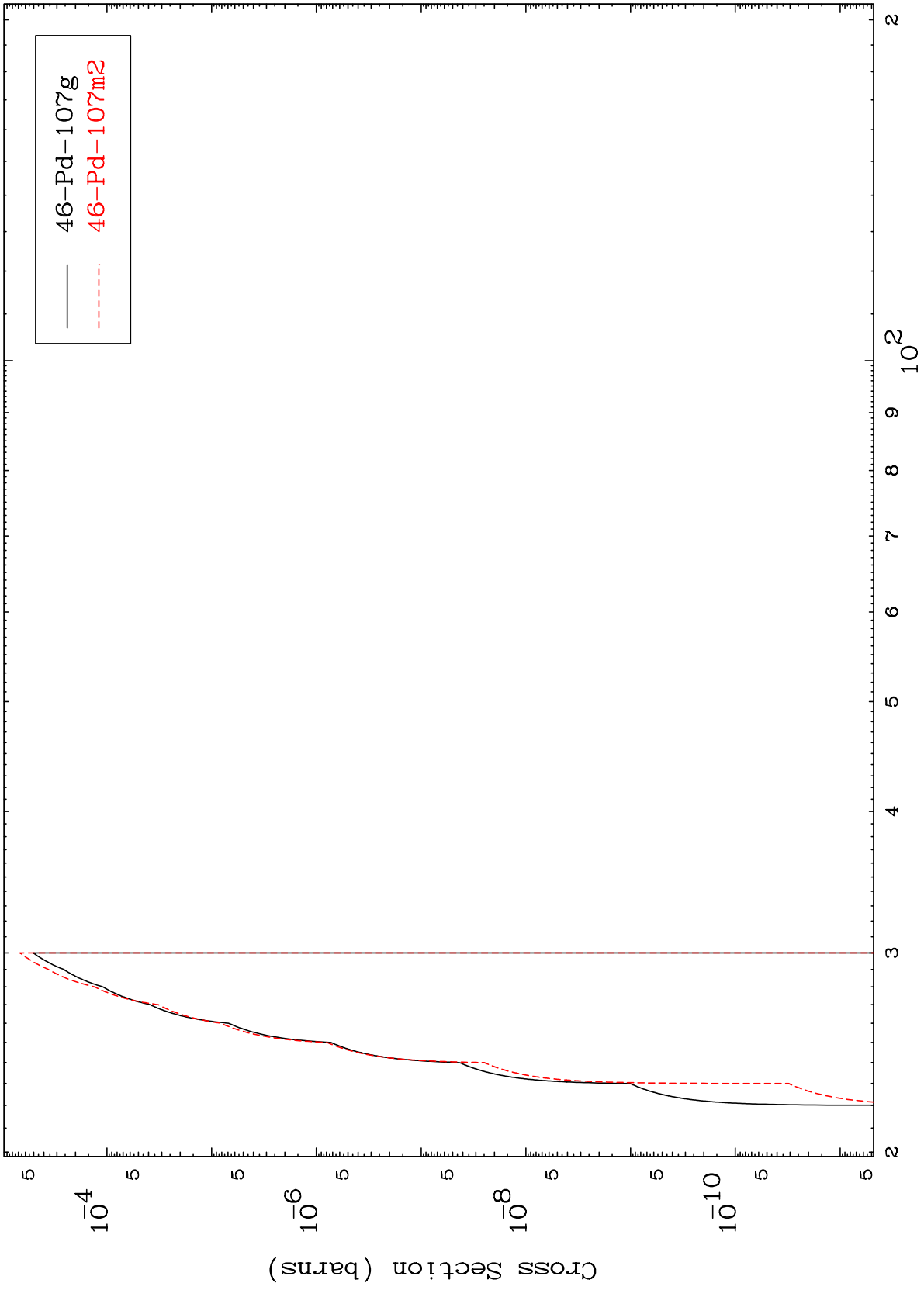
47-Ag-110

MAT 4734

(n,2n) d

47-Ag-110

Radionuclide Production Cross Section



119

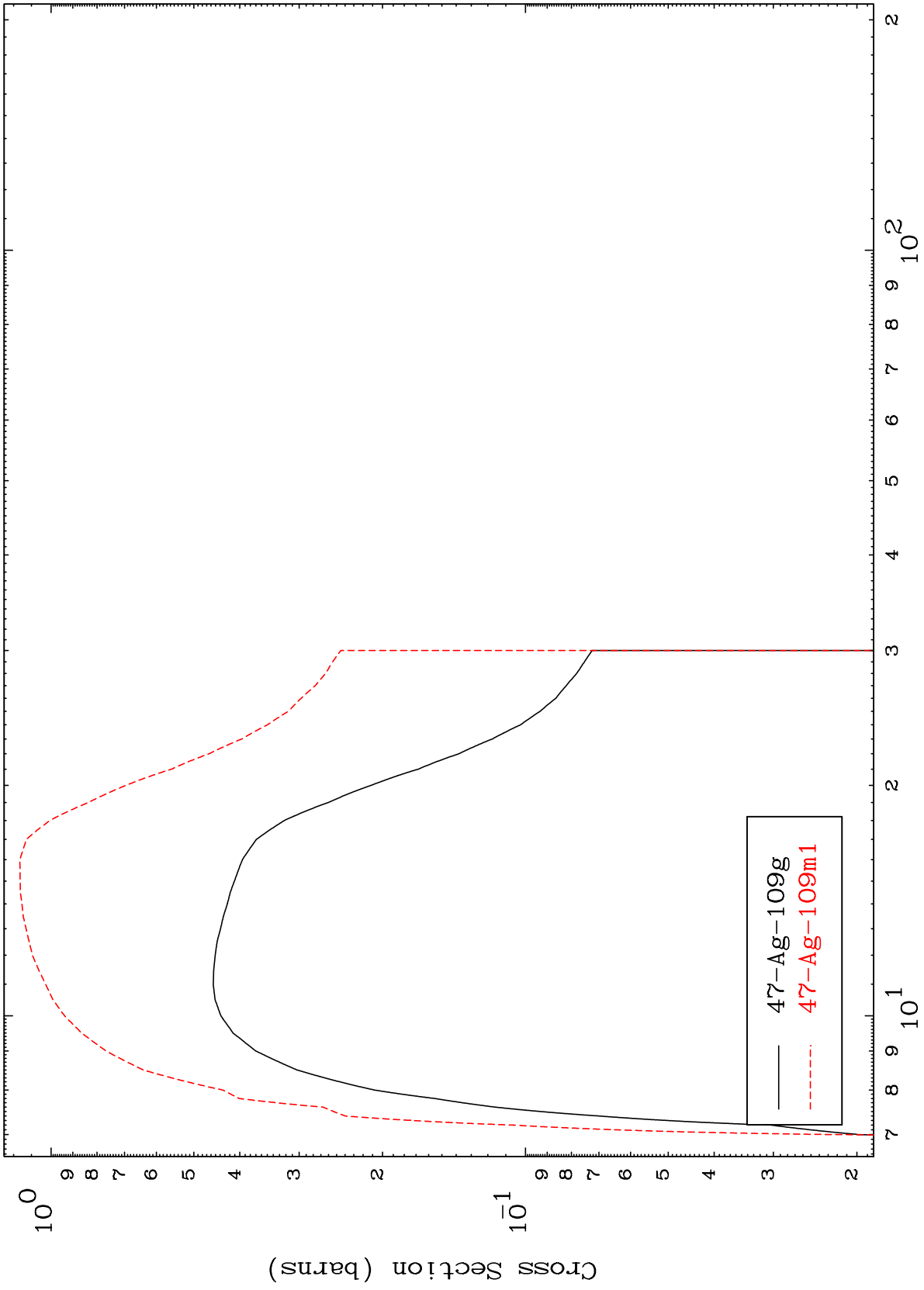
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

(n,2n)
Radionuclide Production Cross Section



120

Incident Energy (MeV)

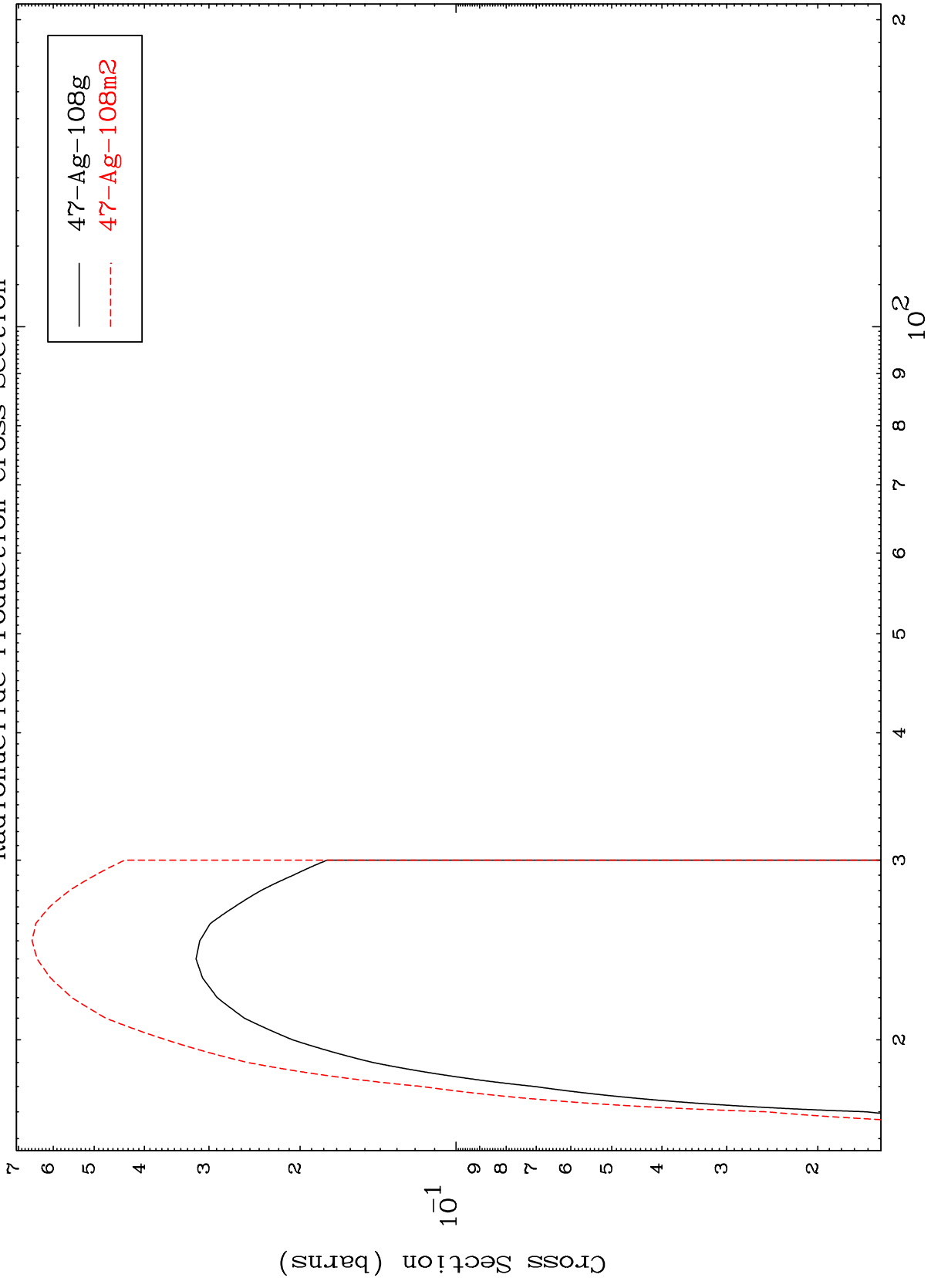
47-Ag-110

MAT 4734

(n,3n)

47-Ag-110

Radionuclide Production Cross Section



47-Ag-108g
47-Ag-108m2

121

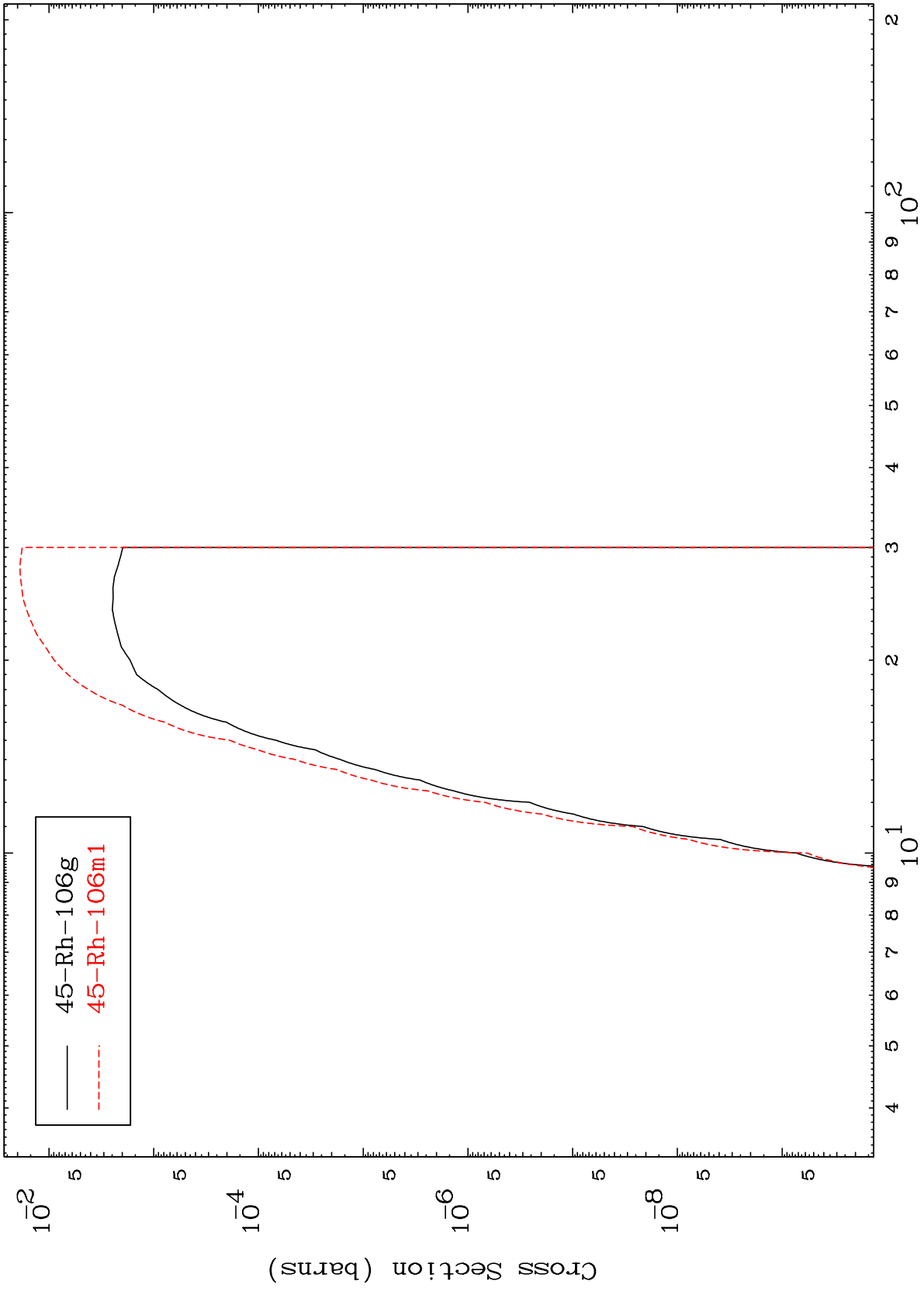
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

(n,n') α
Radionuclide Production Cross Section



122

47-Ag-110

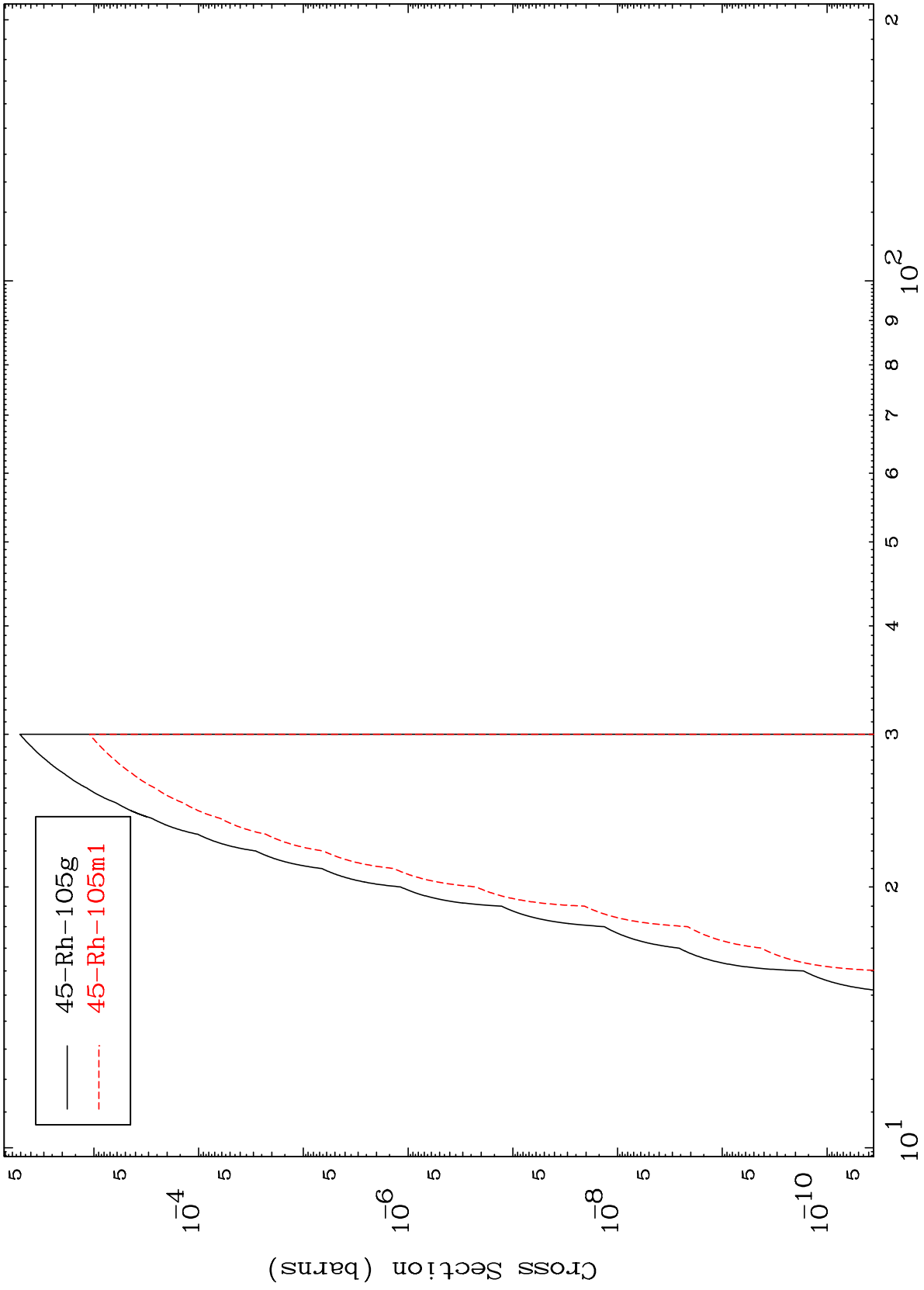
Incident Energy (MeV)

MAT 4734

(n,2n) α

47-Ag-110

Radionuclide Production Cross Section



123

Incident Energy (MeV)

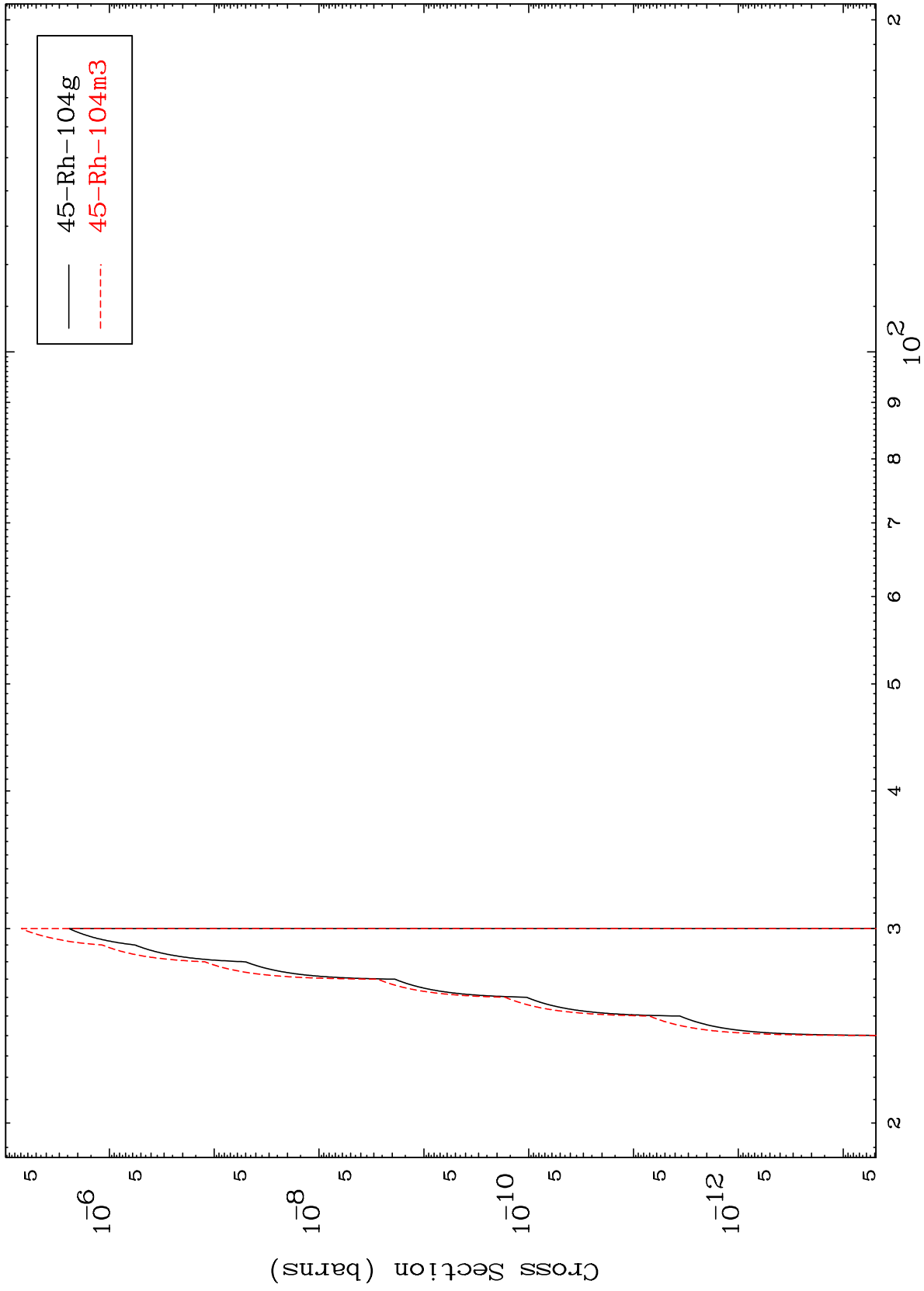
47-Ag-110

MAT 4734

(n,3n) α

47-Ag-110

Radionuclide Production Cross Section



124

Incident Energy (MeV)

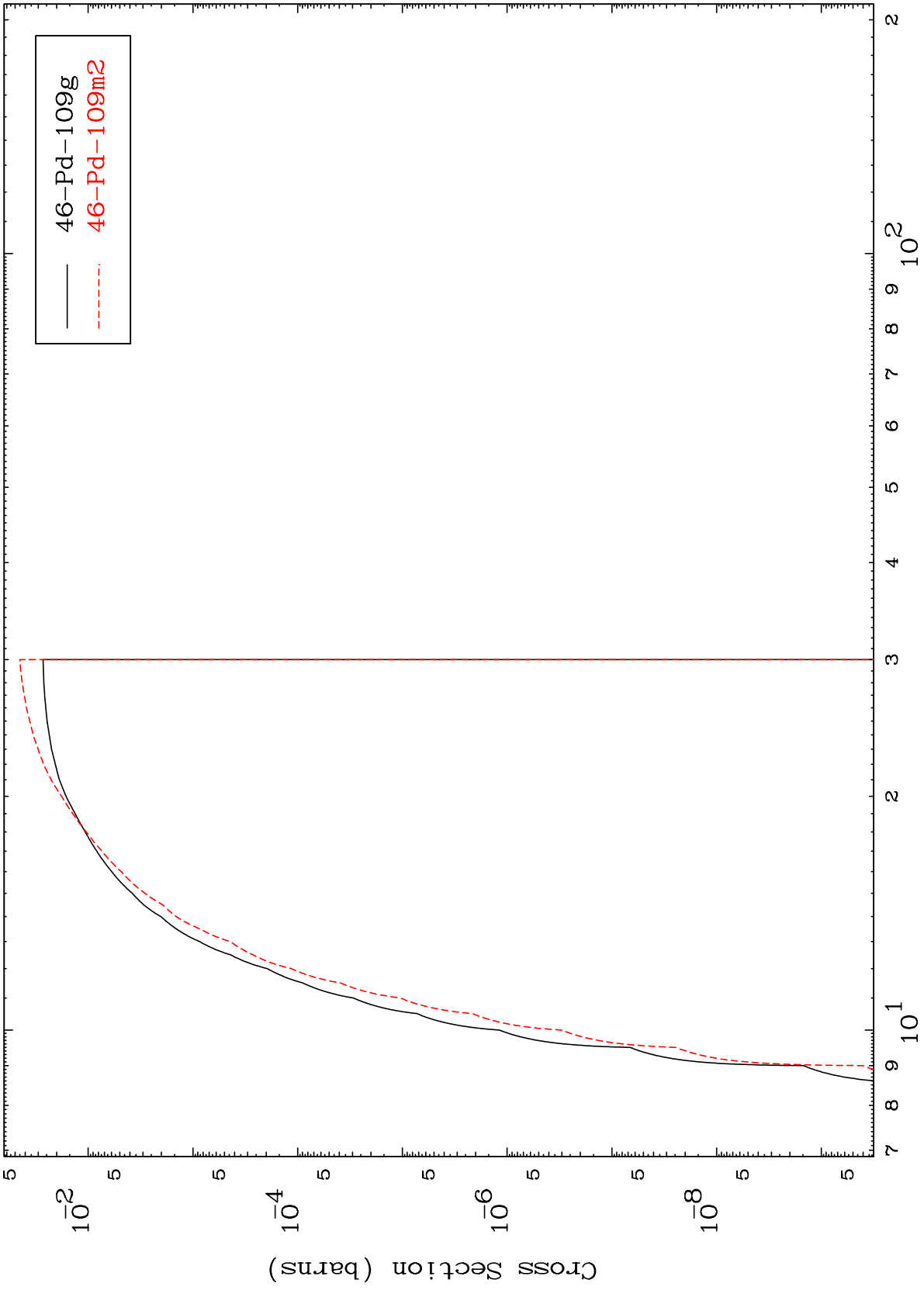
47-Ag-110

MAT 4734

(n,n') p

47-Ag-110

Radionuclide Production Cross Section



125

Incident Energy (MeV)

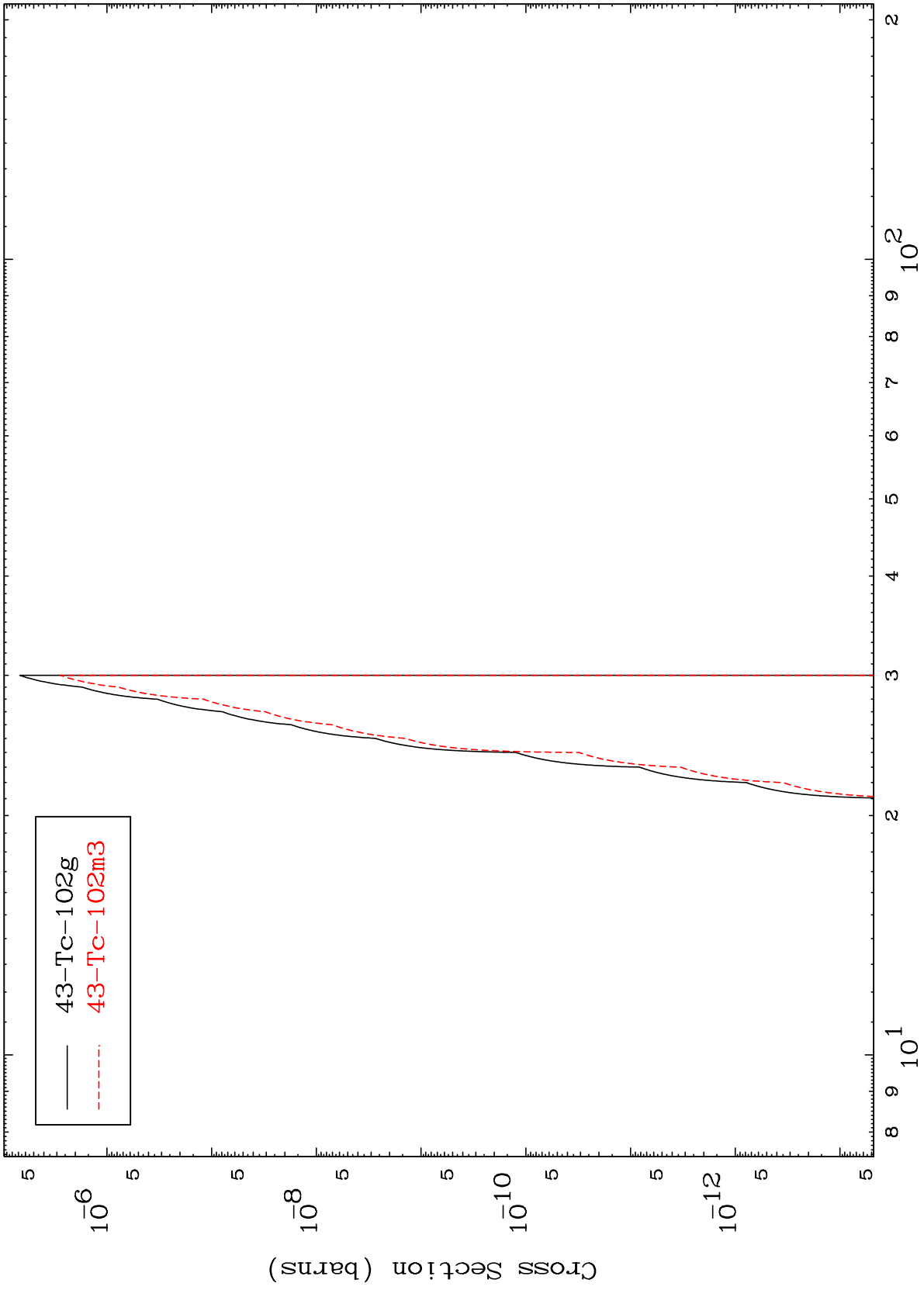
47-Ag-110

MAT 4734

(n,n') 2 α

47-Ag-110

Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

126

Incident Energy (MeV)

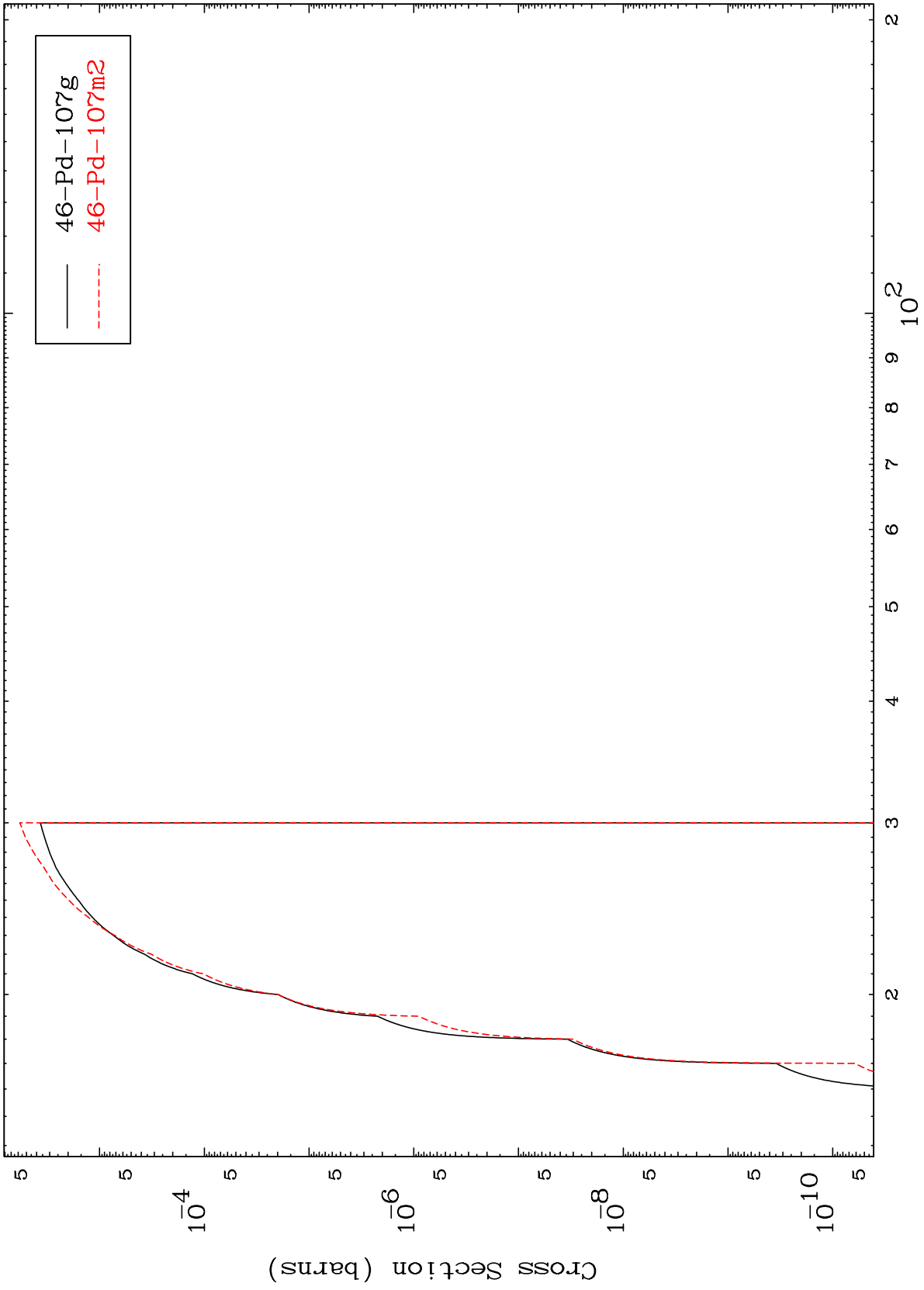
47-Ag-110

MAT 4734

(n,n') t

47-Ag-110

Radionuclide Production Cross Section



127

Incident Energy (MeV)

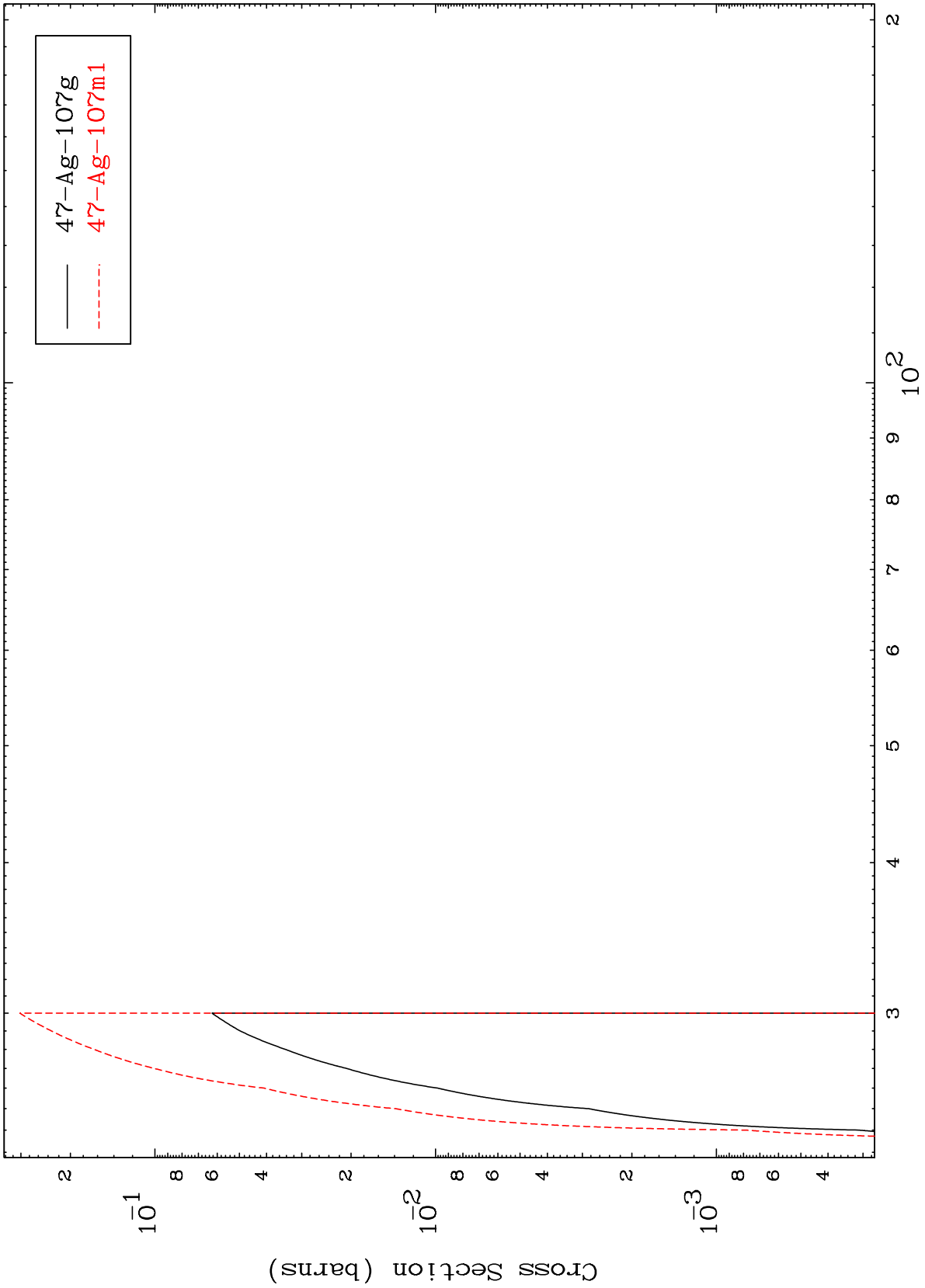
47-Ag-110

MAT 4734

(n,4n)

47-Ag-110

Radionuclide Production Cross Section



128

Incident Energy (MeV)

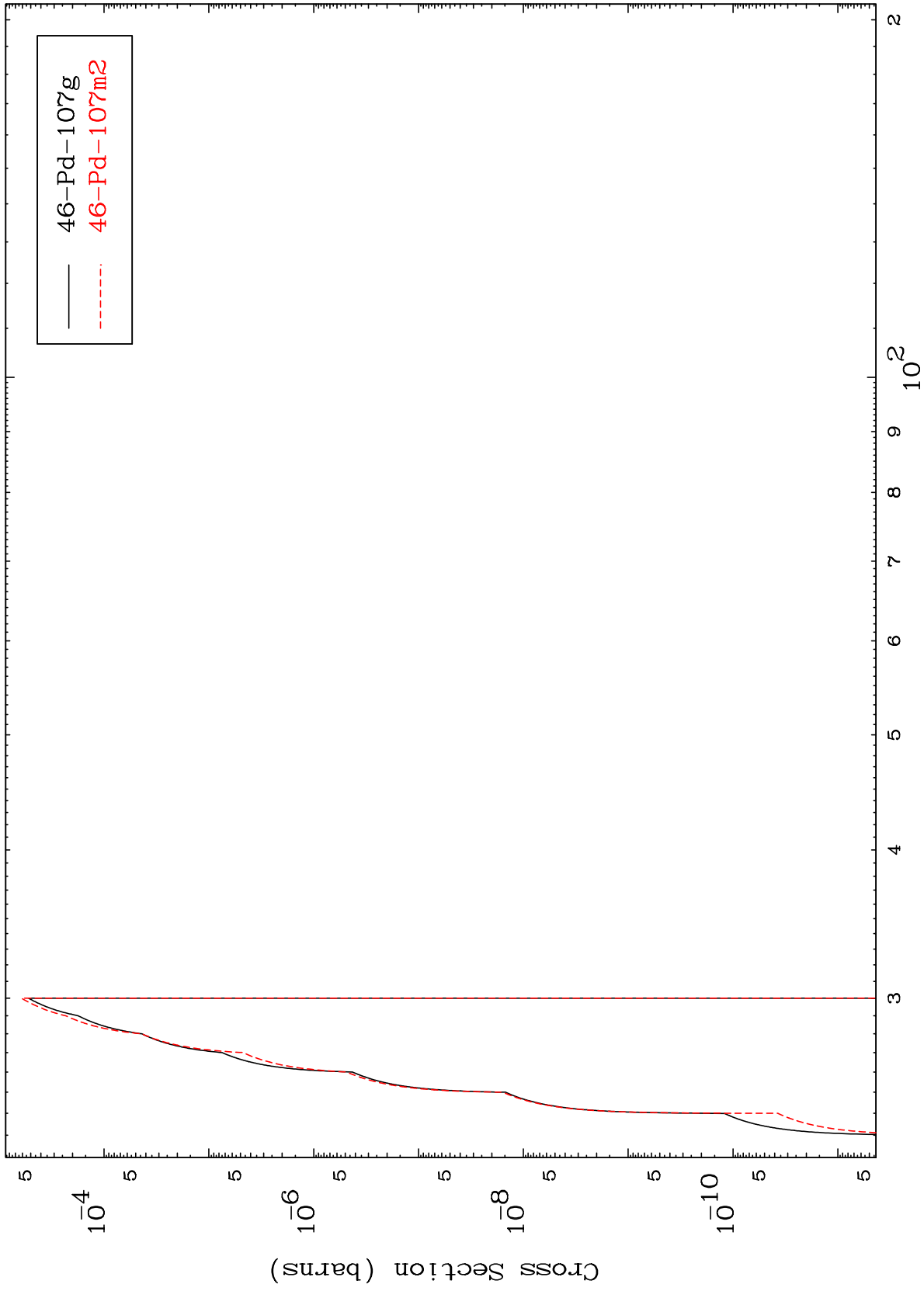
47-Ag-110

MAT 4734

(n,3n) p

47-Ag-110

Radionuclide Production Cross Section



129

Incident Energy (MeV)

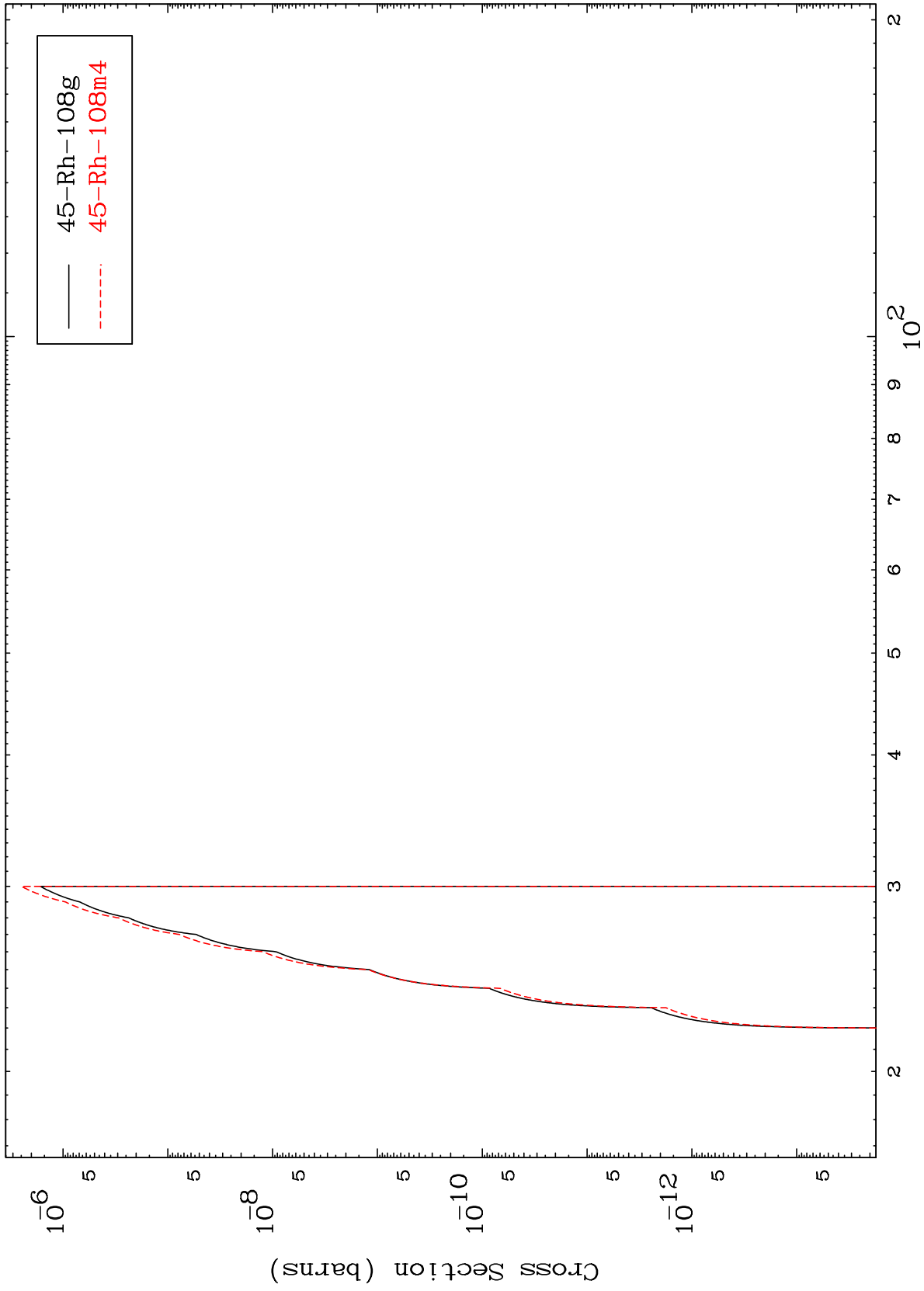
47-Ag-110

MAT 4734

(n,2n) p

47-Ag-110

Radionuclide Production Cross Section



130

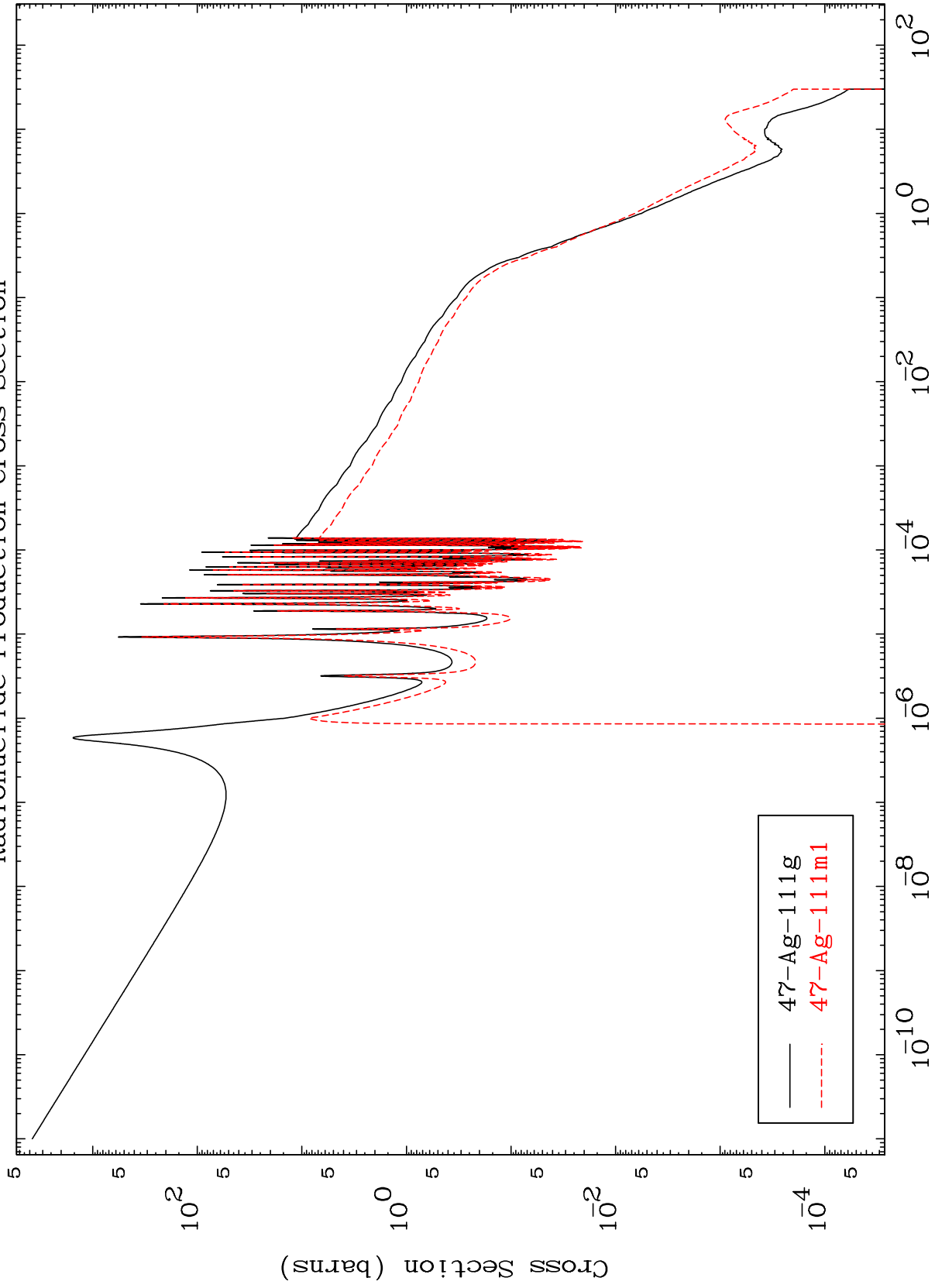
Incident Energy (MeV)

47-Ag-110

MAT 4734

47-Ag-110

(n, γ)
Radionuclide Production Cross Section



131

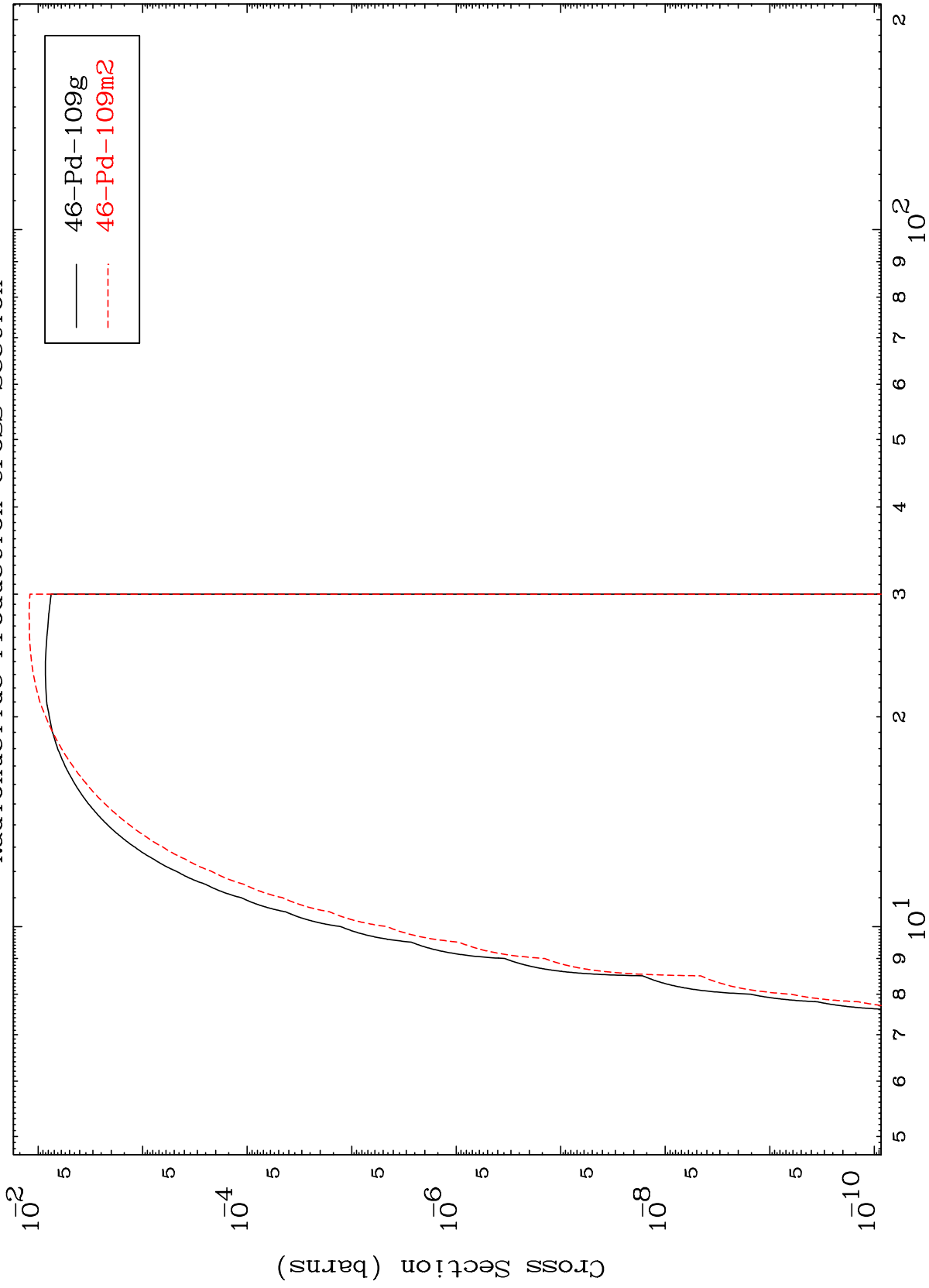
47-Ag-110

MAT 4734

(n,d)

47-Ag-110

Radionuclide Production Cross Section



132

Incident Energy (MeV)

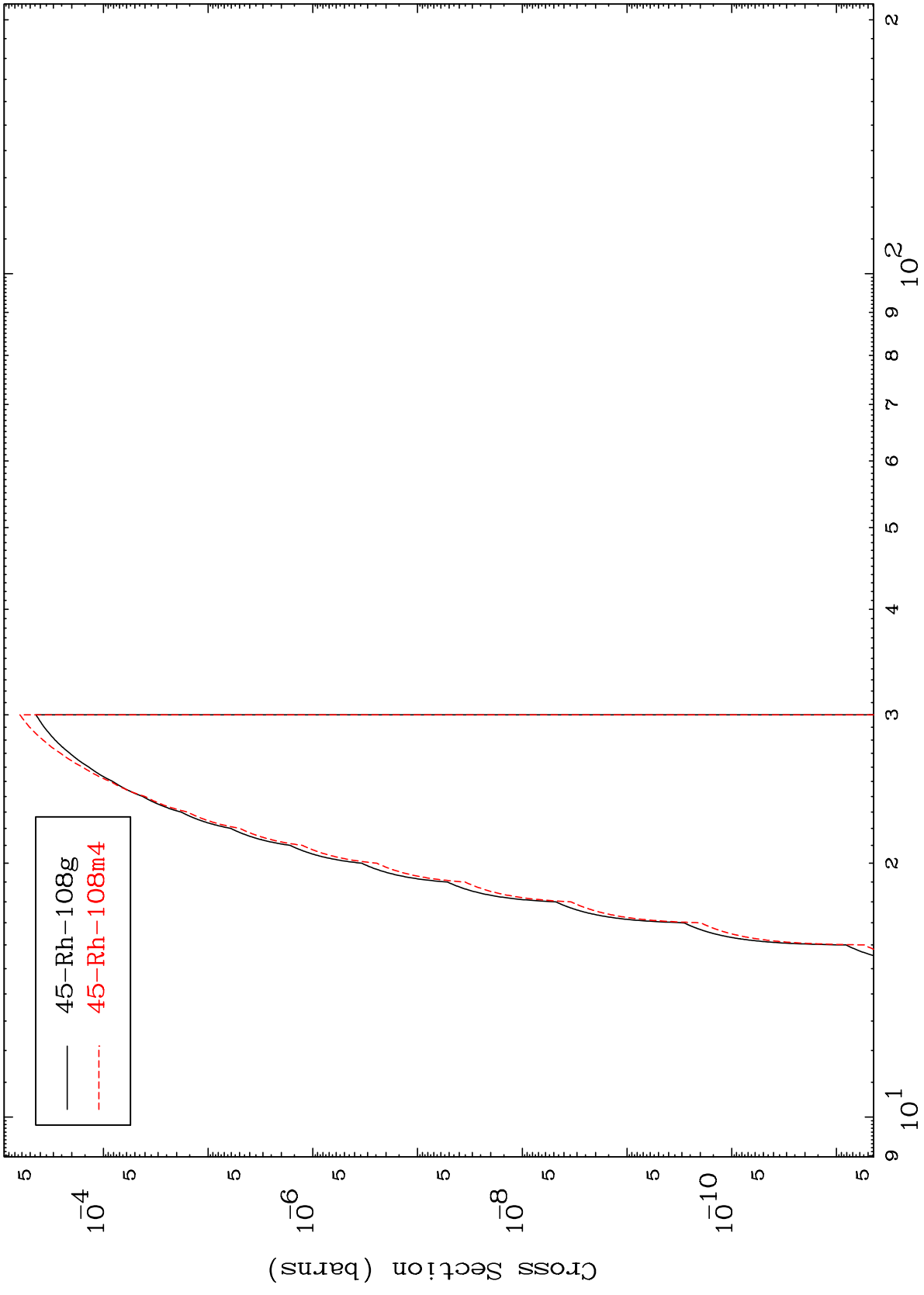
47-Ag-110

MAT 4734

(n, He-3)

47-Ag-110

Radionuclide Production Cross Section



133

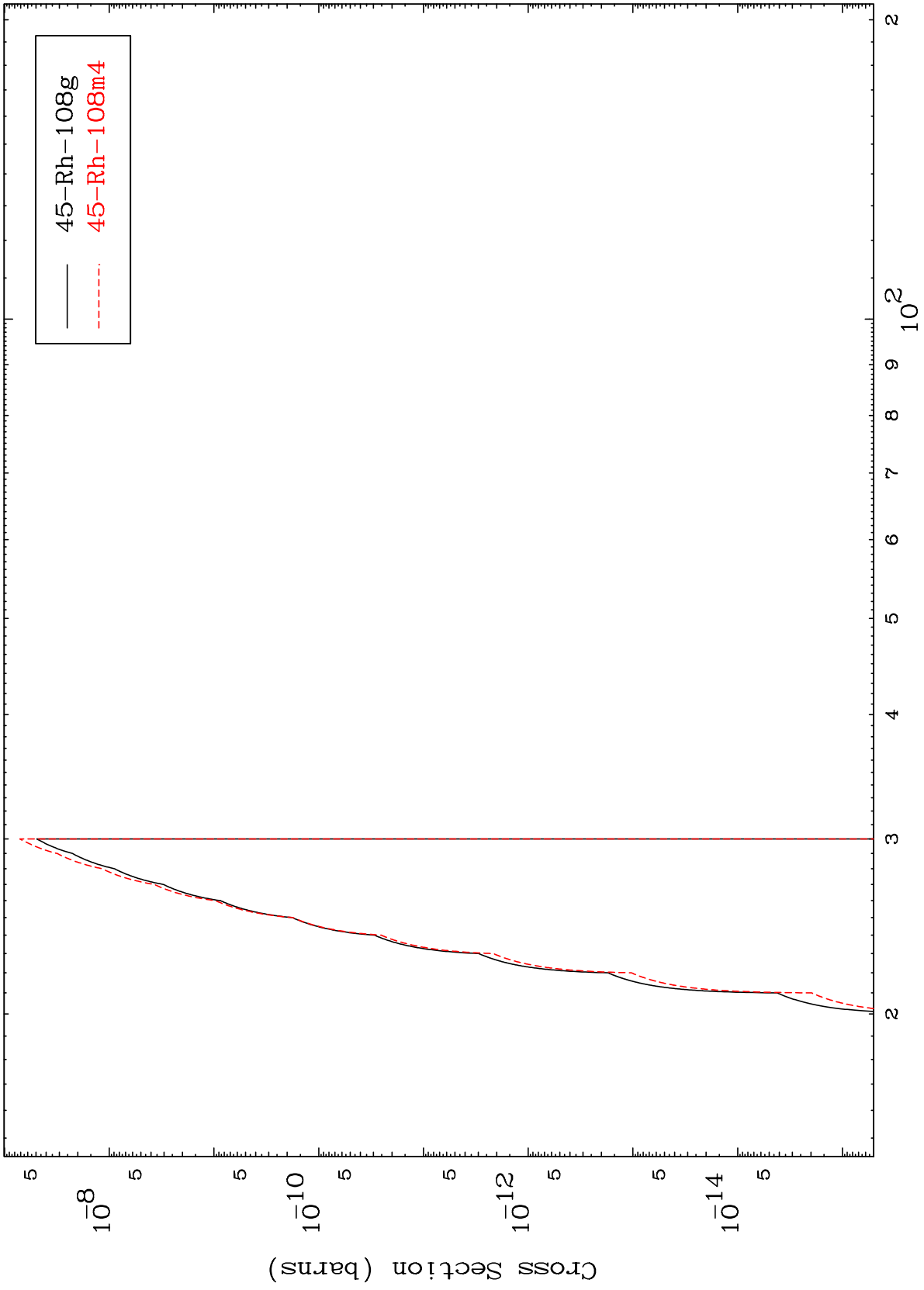
47-Ag-110

MAT 4734

(n,p) d

47-Ag-110

Radionuclide Production Cross Section



134

Incident Energy (MeV)

47-Ag-110