

Program EVALPLOT  
(Version 2021-1)

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

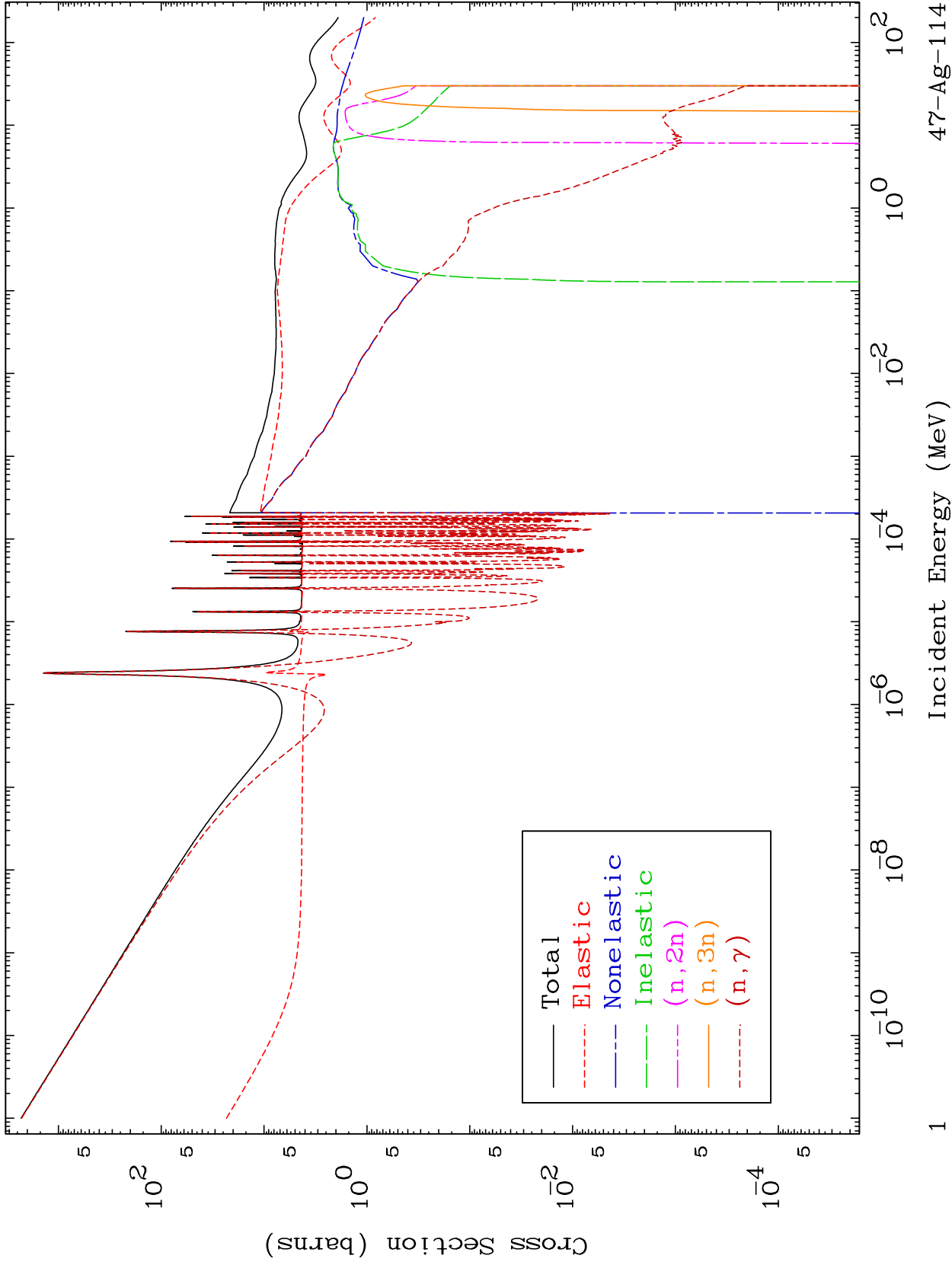
Web:redcullen1.net/HOMEPAGE.NEW

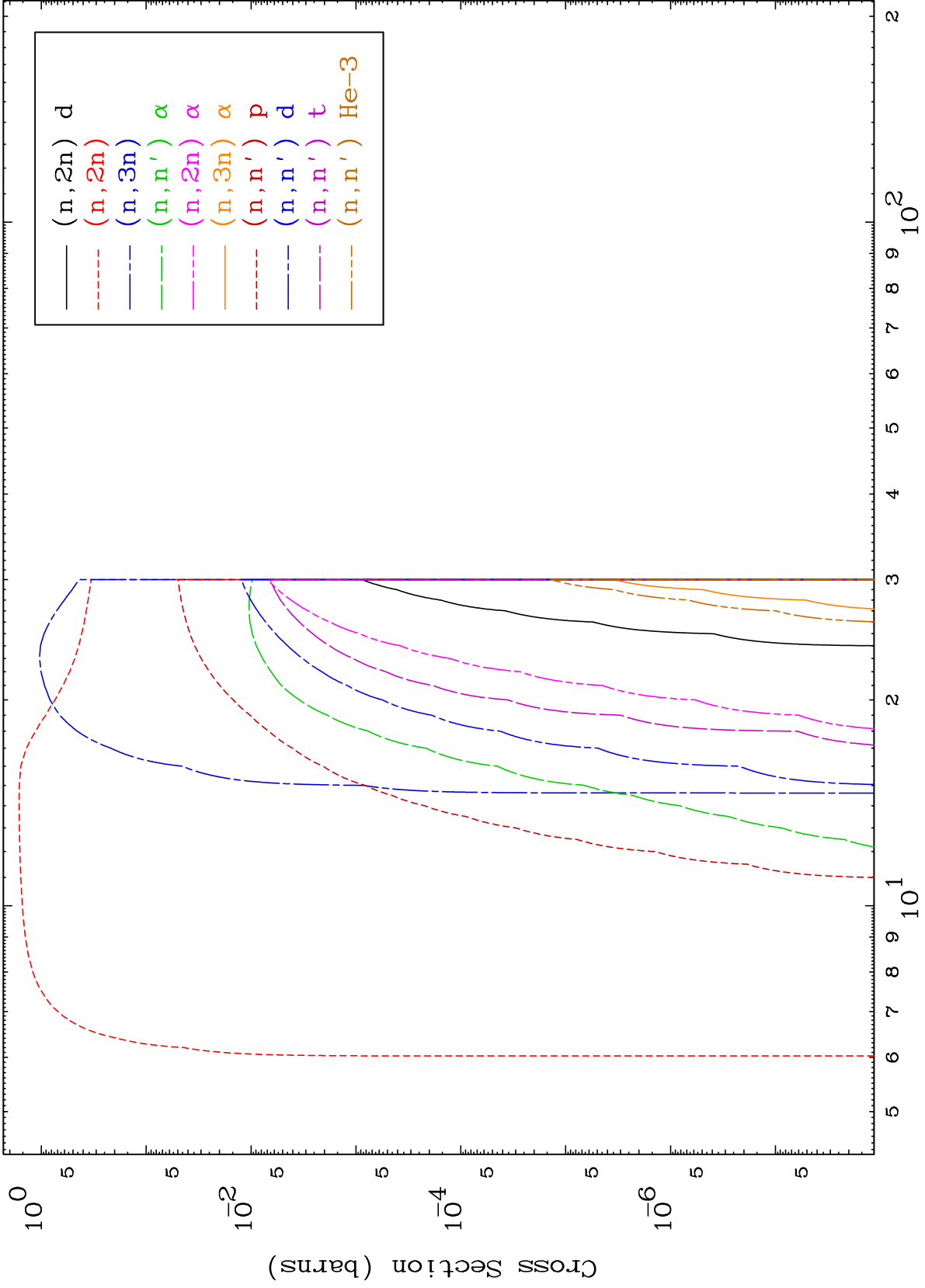
Press Mouse Button to Start

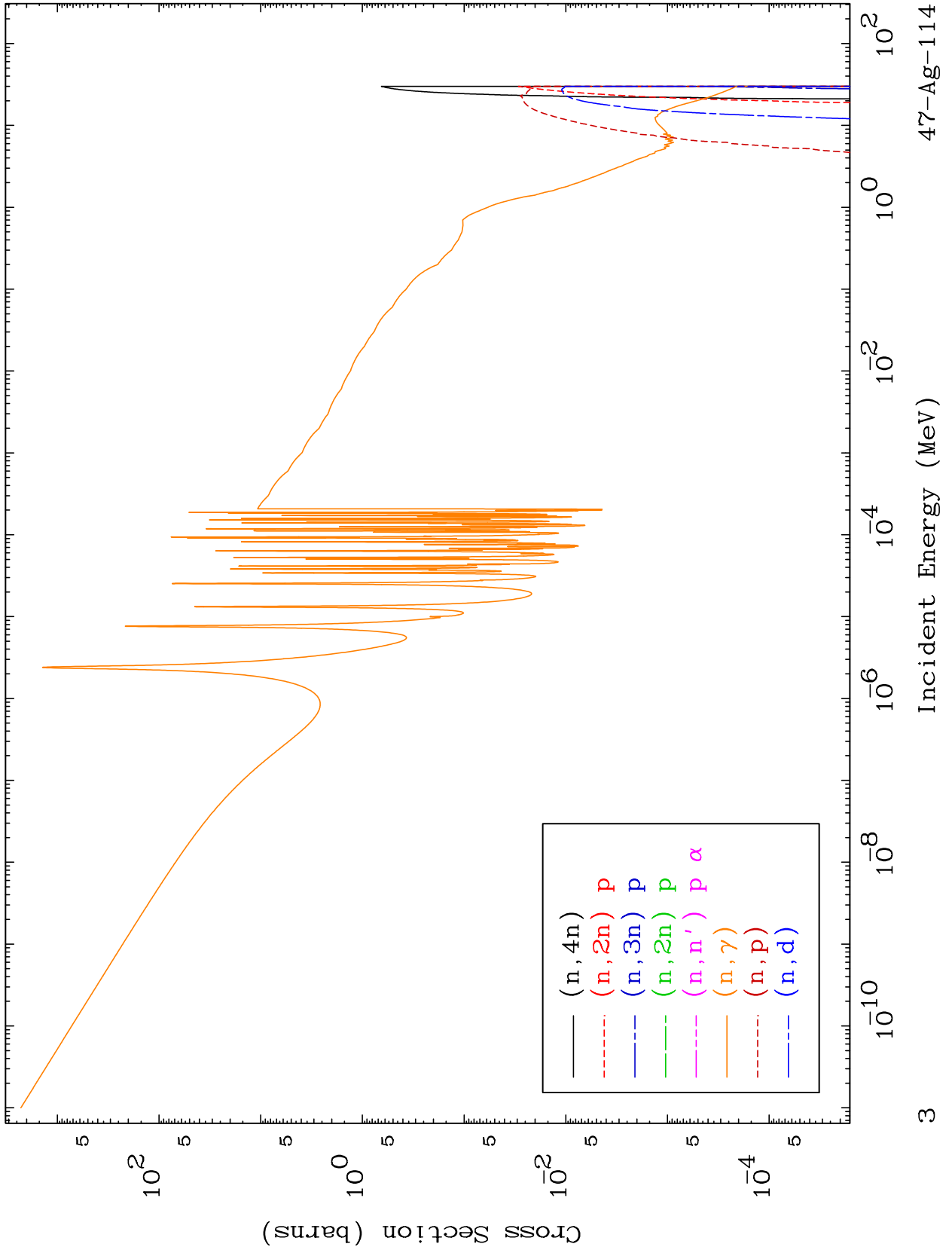
MAT 4746

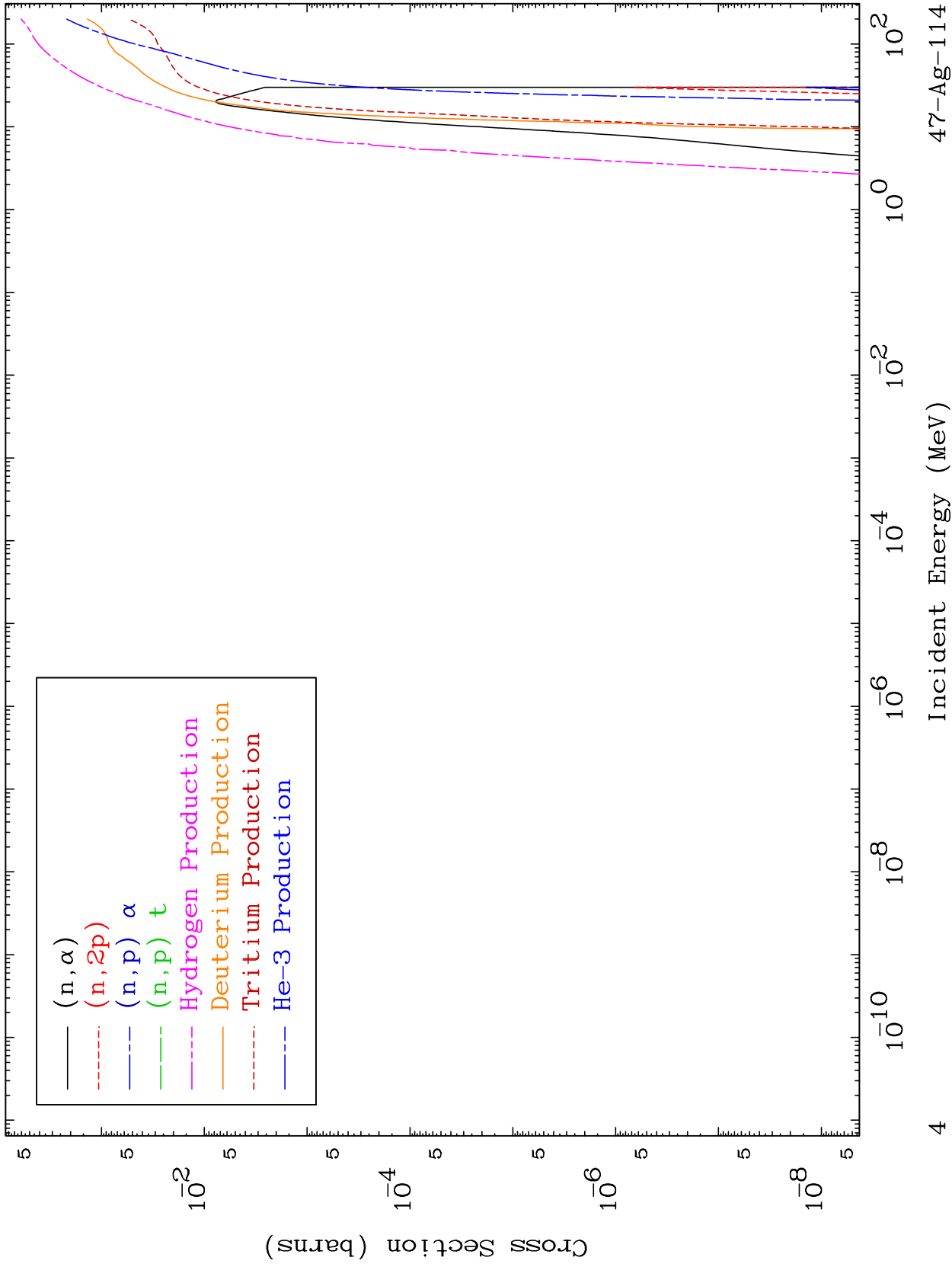
Neutron Major  
293 Kelvin Cross Sections

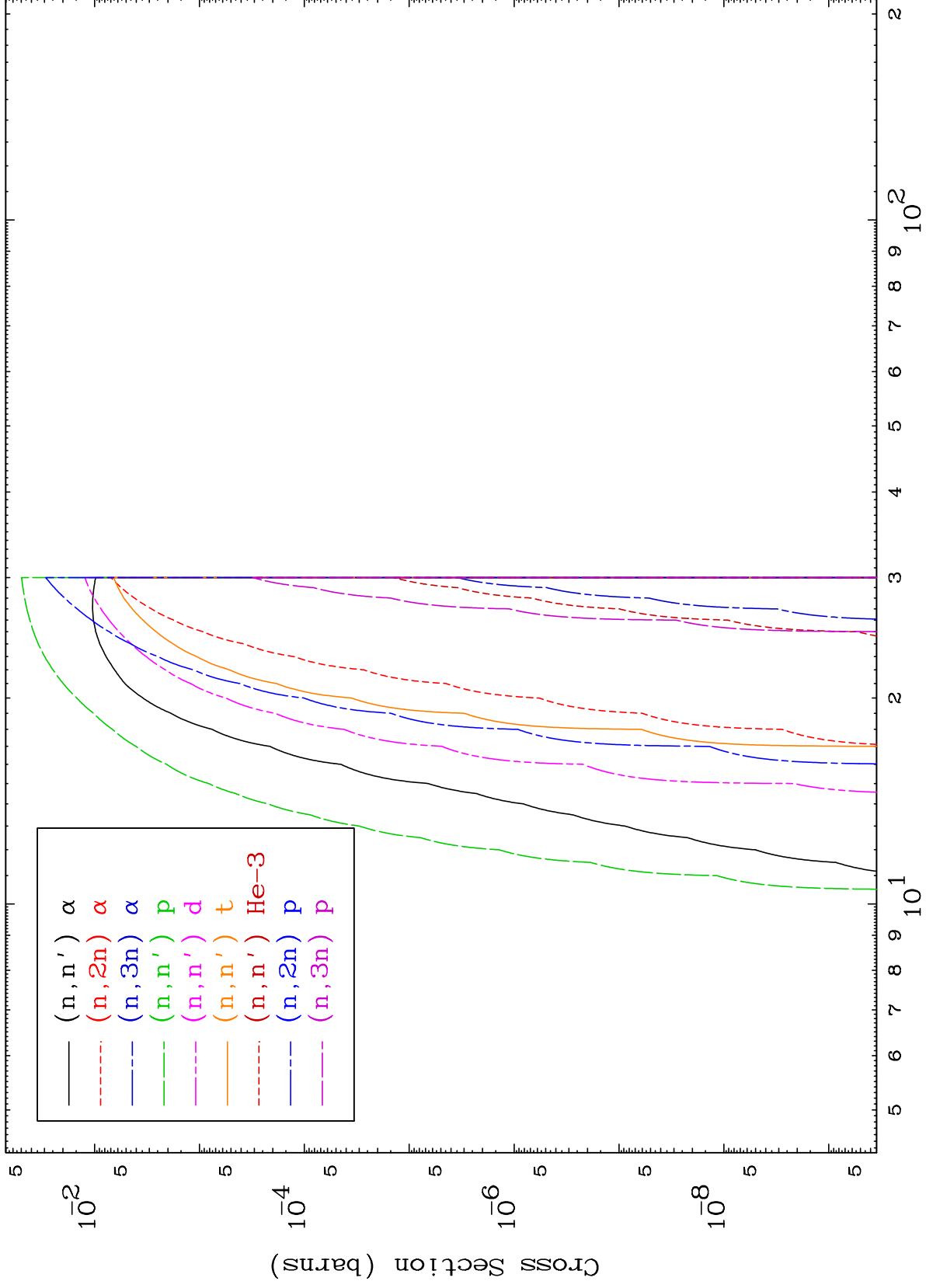
47-Ag-114







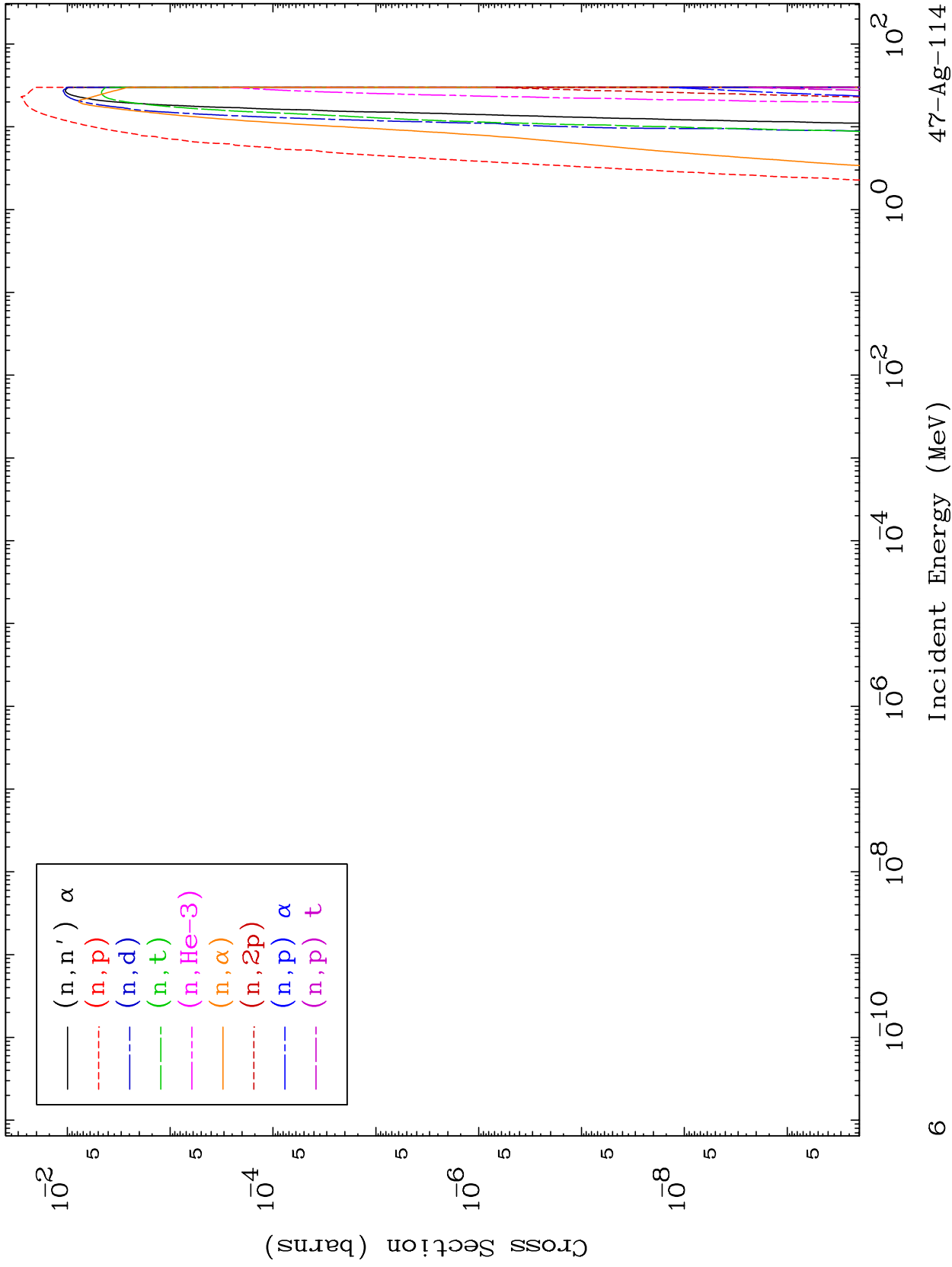


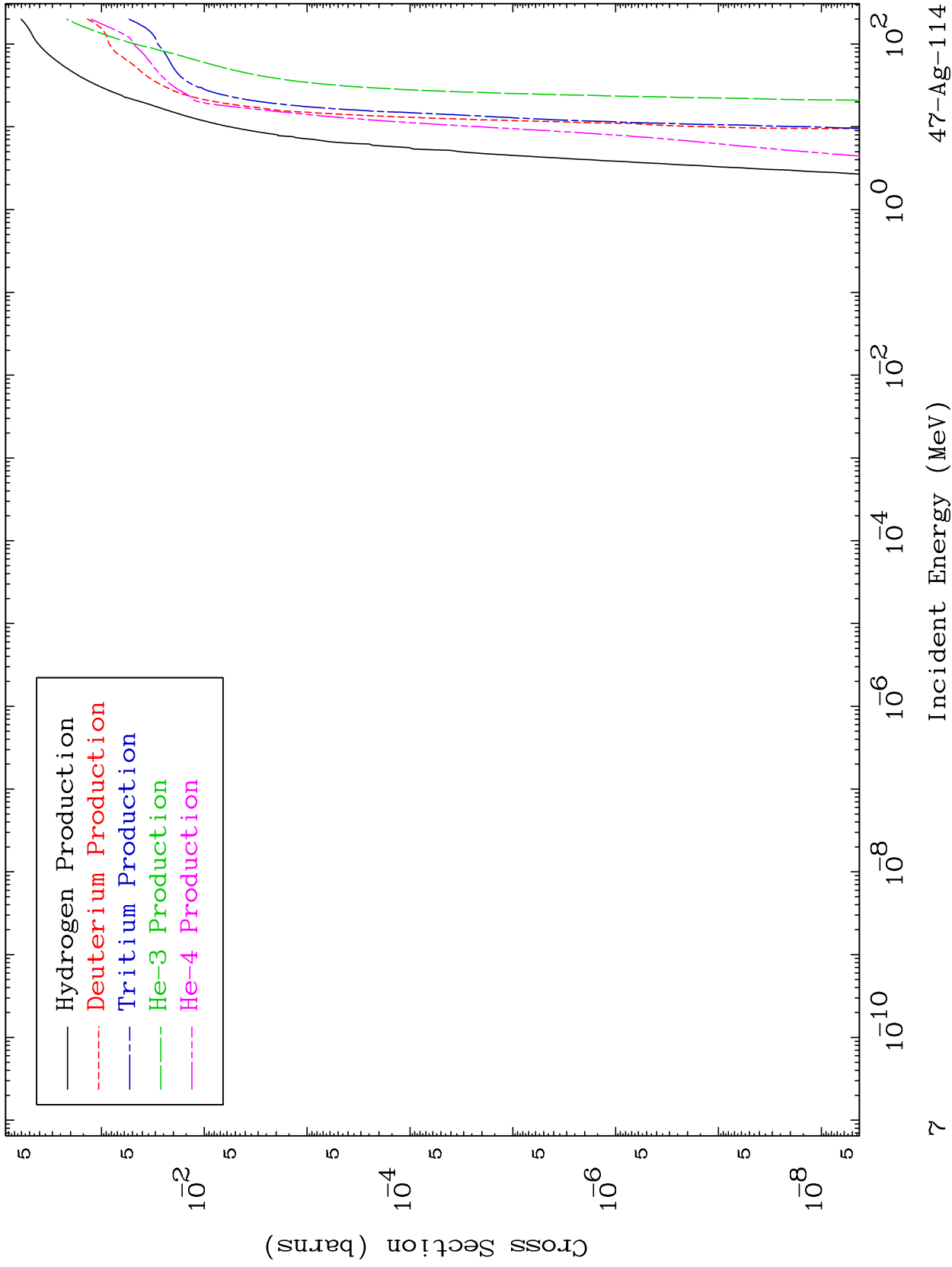


MAT 4746

Charged Particle  
293 Kelvin Cross Sections

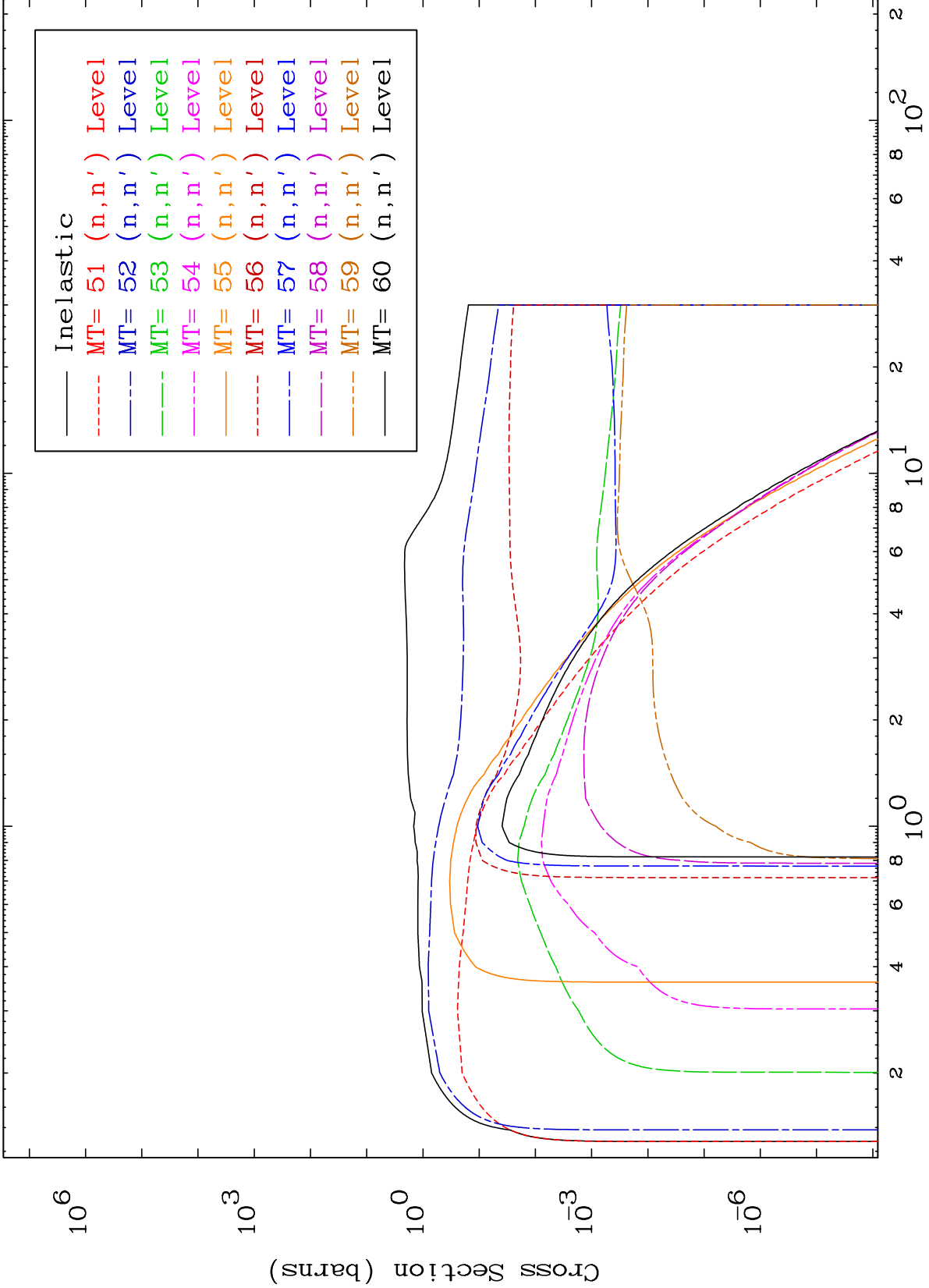
47-Ag-114



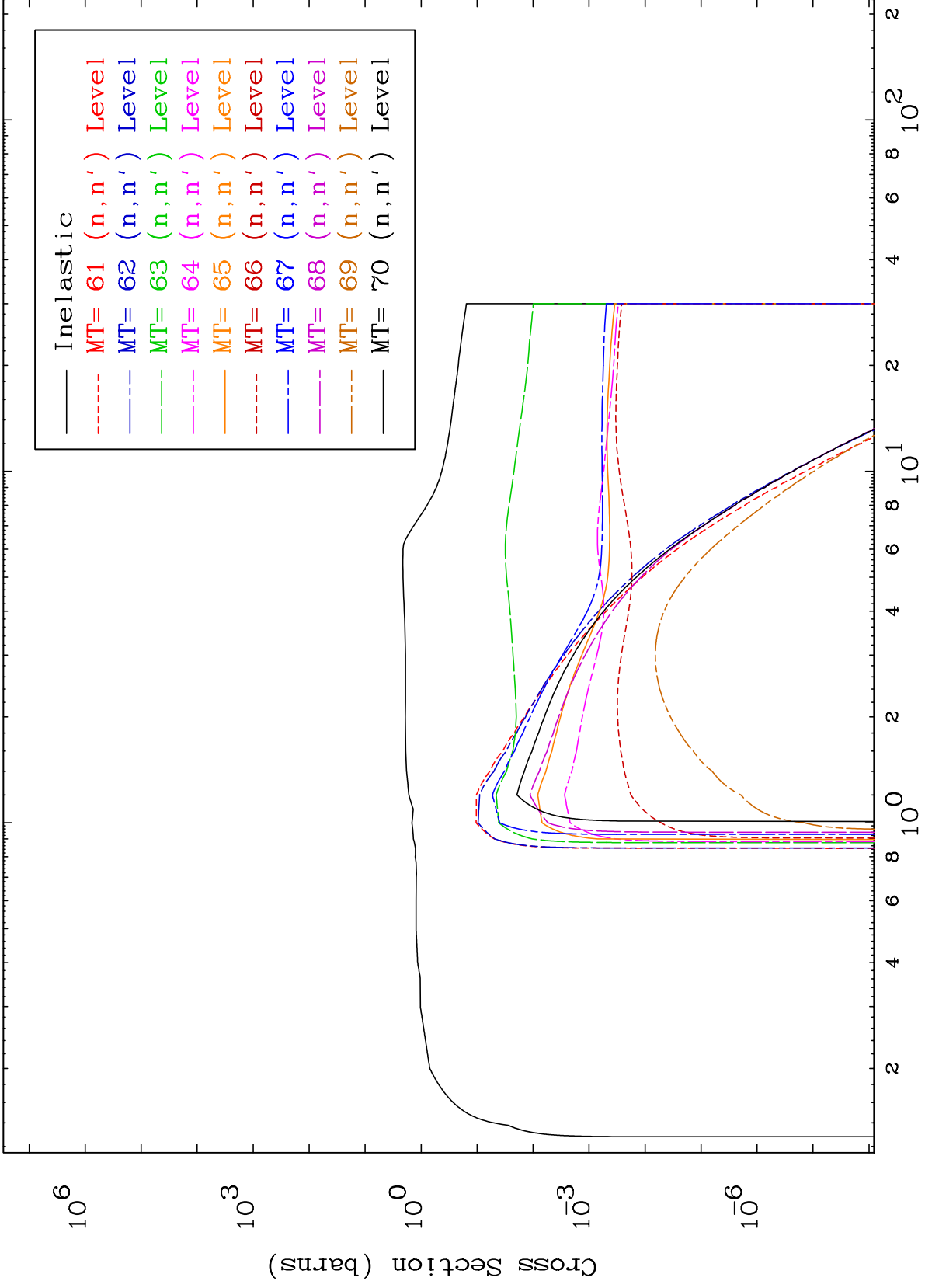




293 Kelvin Cross Sections



293 Kelvin Cross Sections

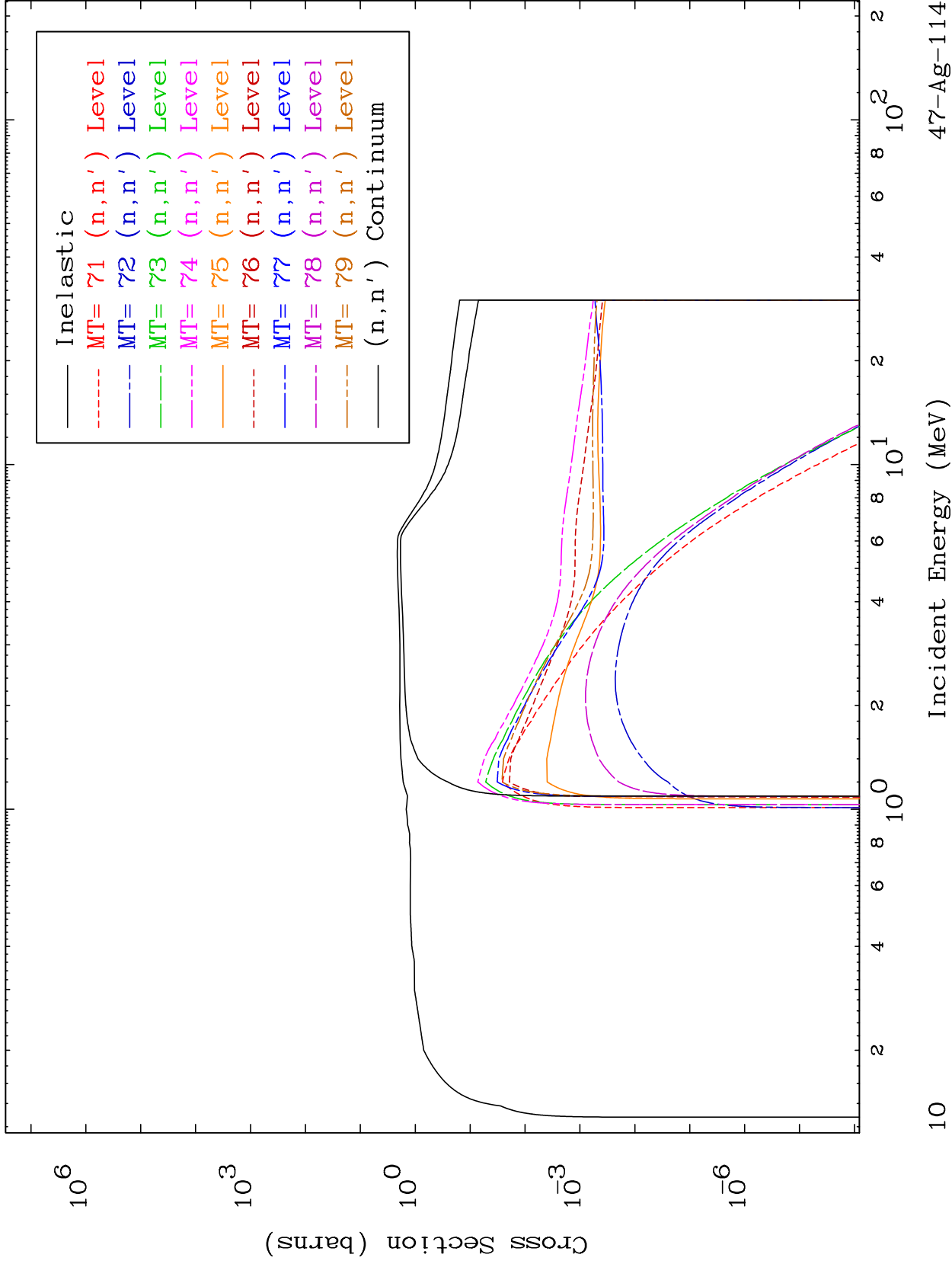


MAT 4746

(n,n') Levels

47-Ag-114

293 Kelvin Cross Sections



10

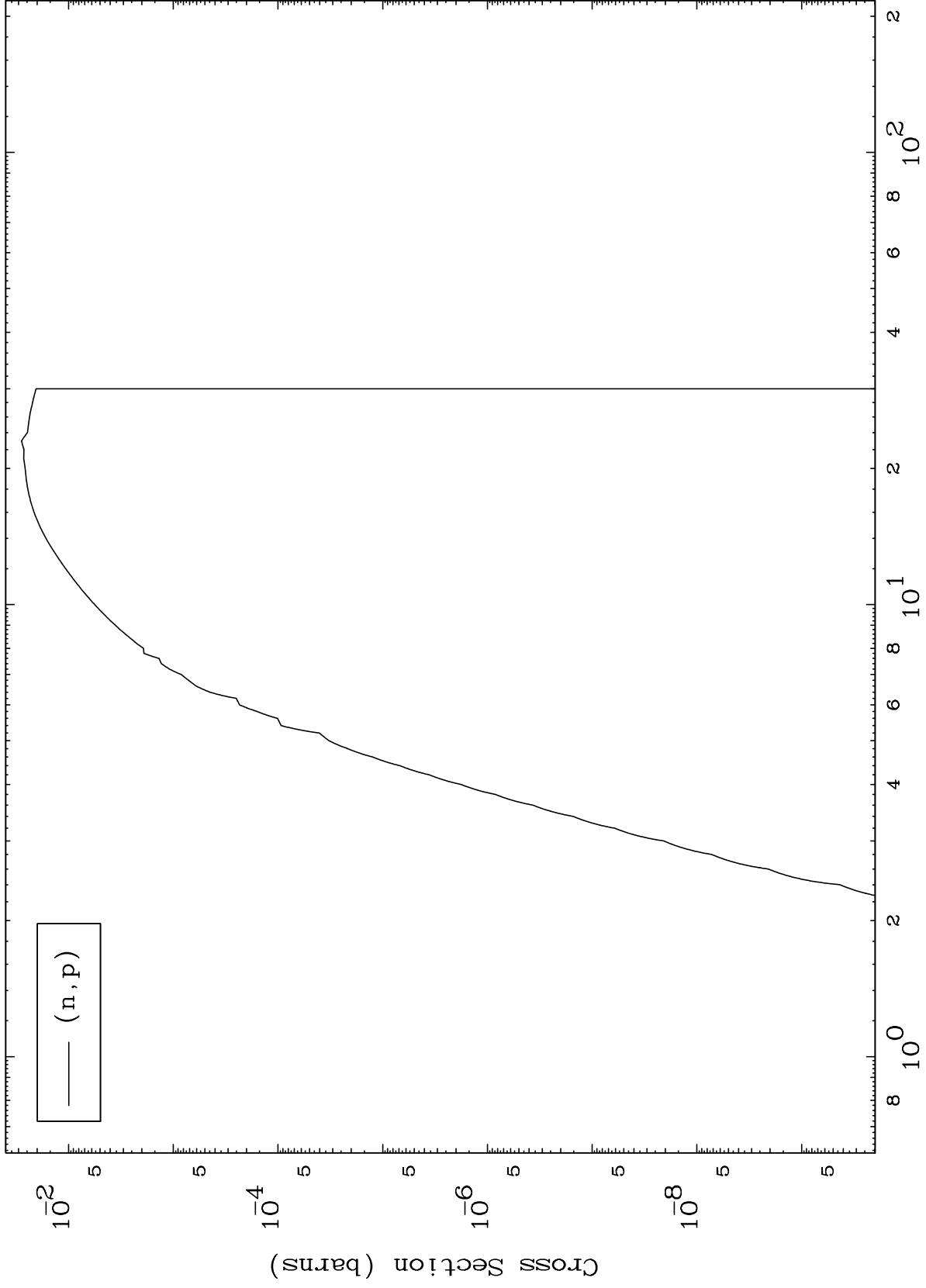
Incident Energy (MeV)

47-Ag-114

MAT 4746

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-114



11

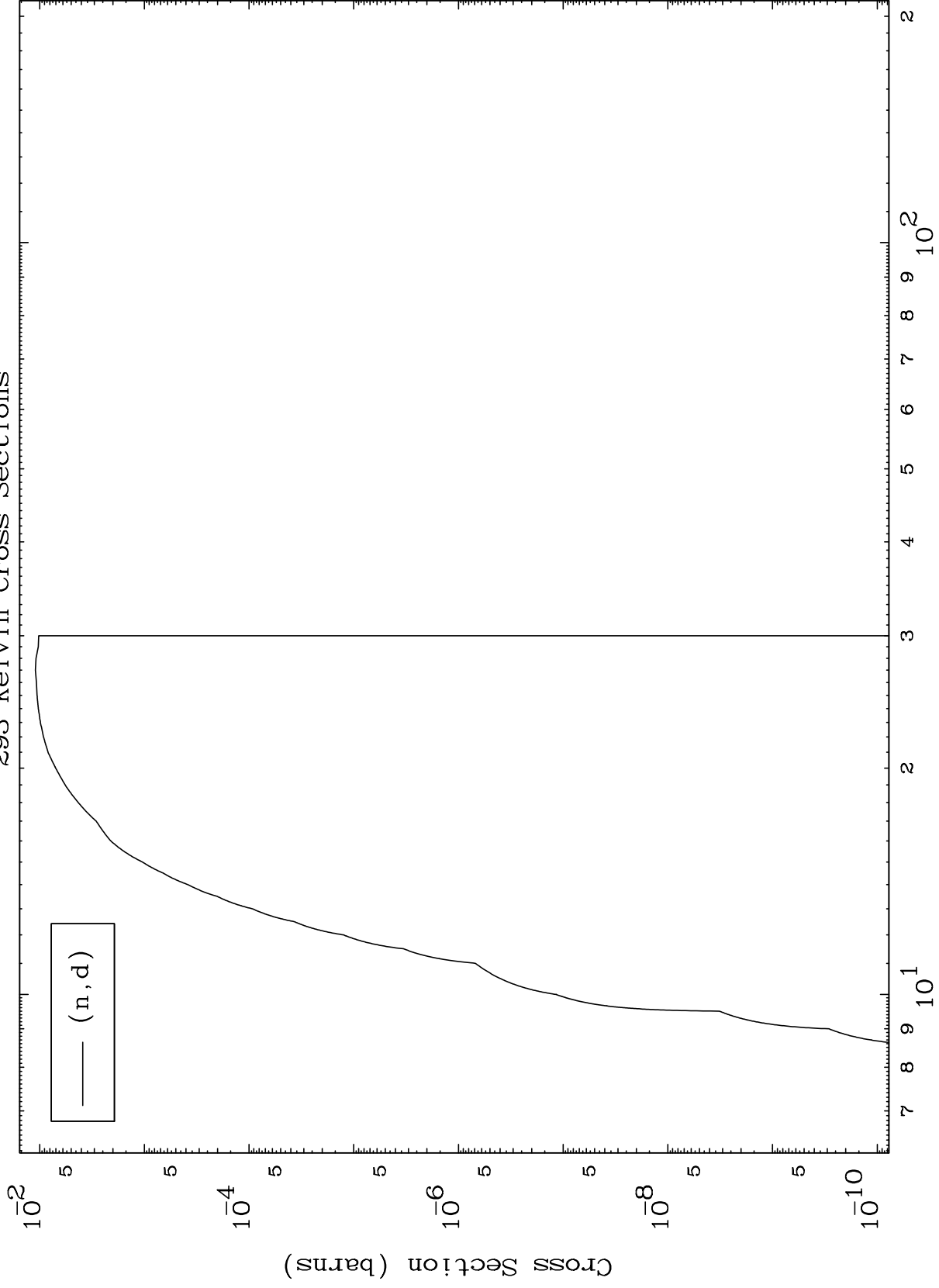
Incident Energy (MeV)

47-Ag-114

MAT 4746

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-114



12

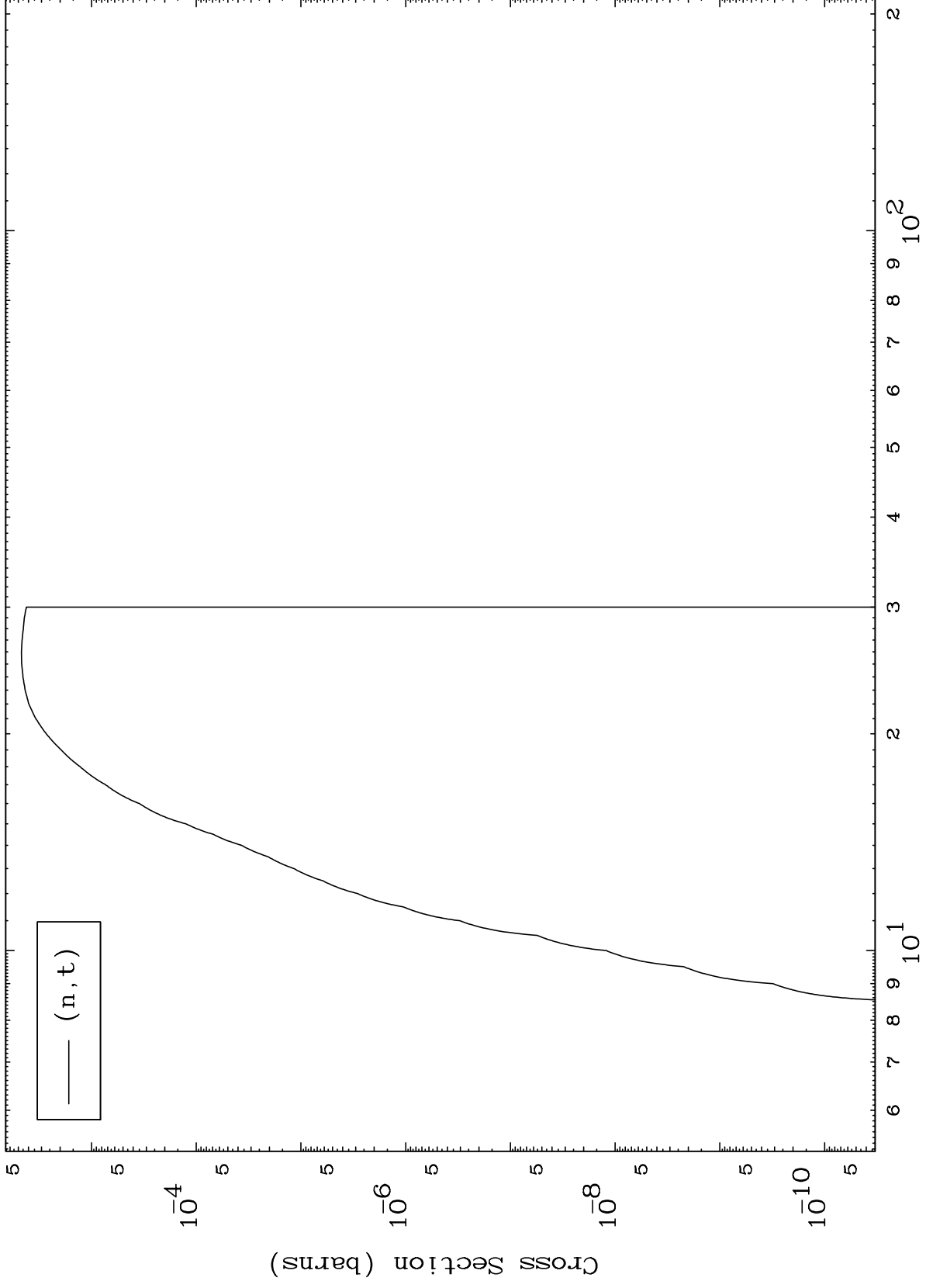
Incident Energy (MeV)

47-Ag-114

MAT 4746

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-114



13

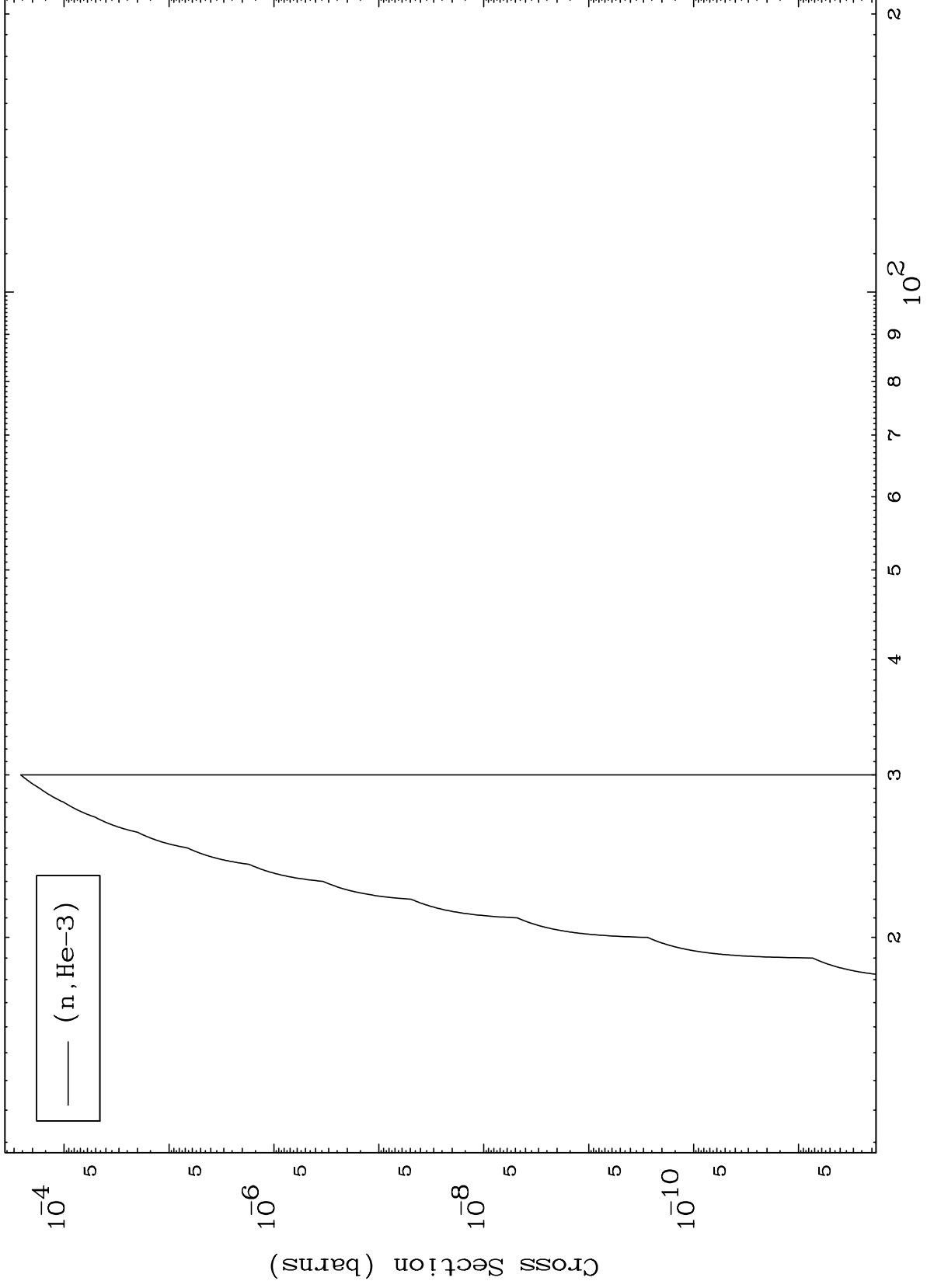
Incident Energy (MeV)

47-Ag-114

MAT 4746

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-114



14

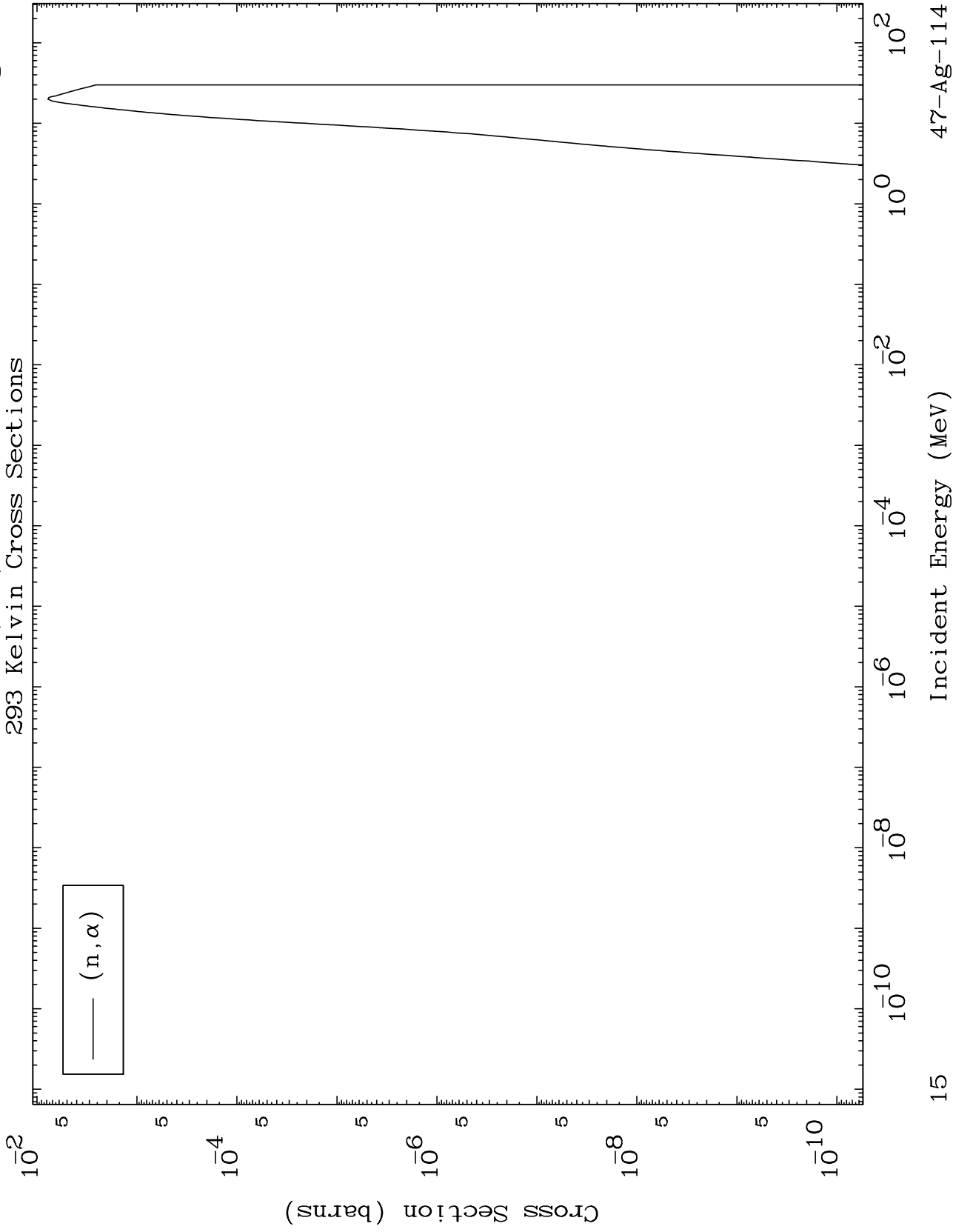
Incident Energy (MeV)

47-Ag-114

MAT 4746

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

47-Ag-114



15

Incident Energy (MeV)

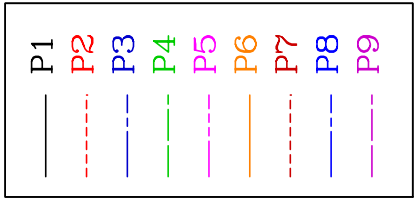
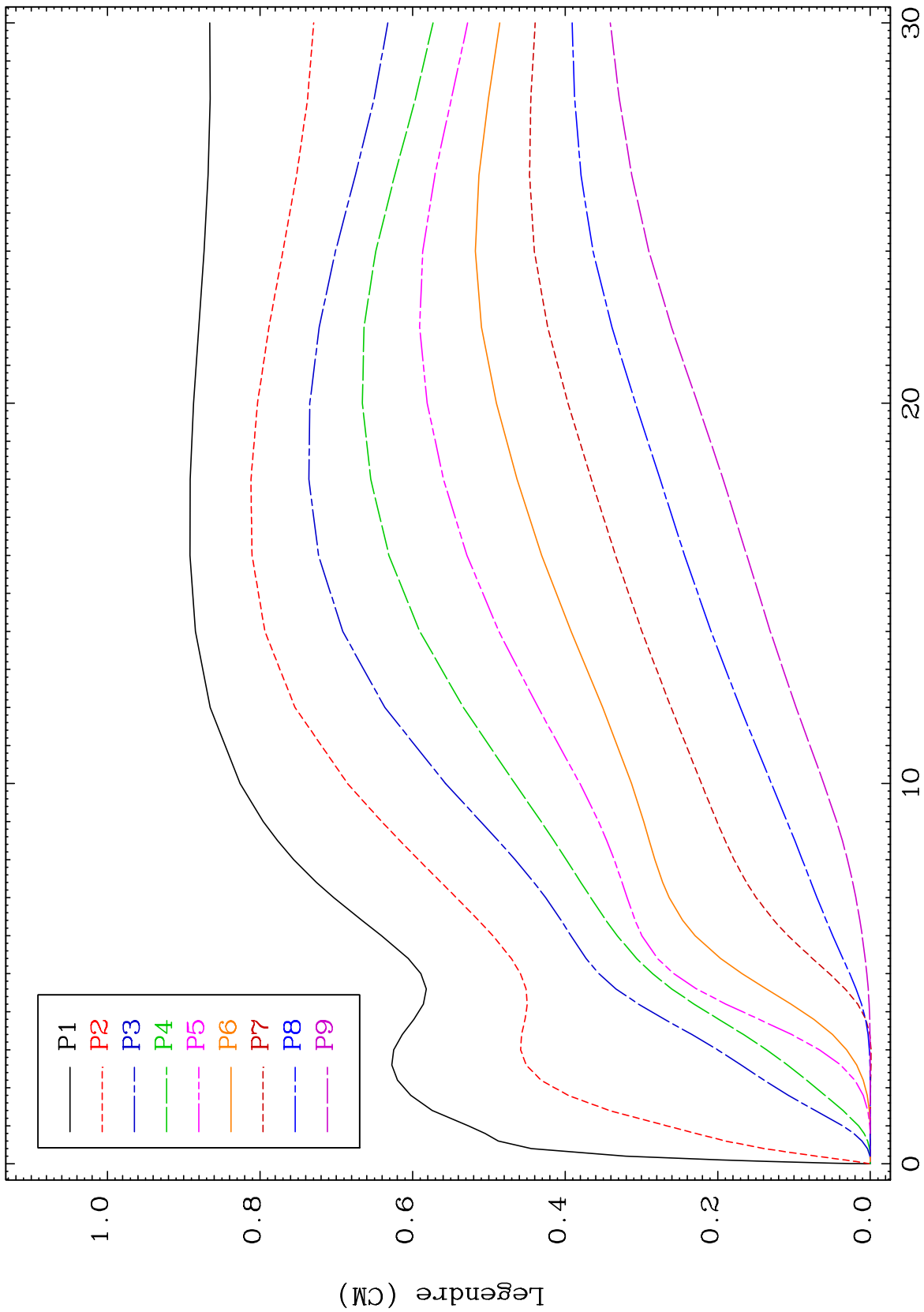
47-Ag-114



MAT 4746

Elastic Legendre Coefficients

47-Ag-114



16

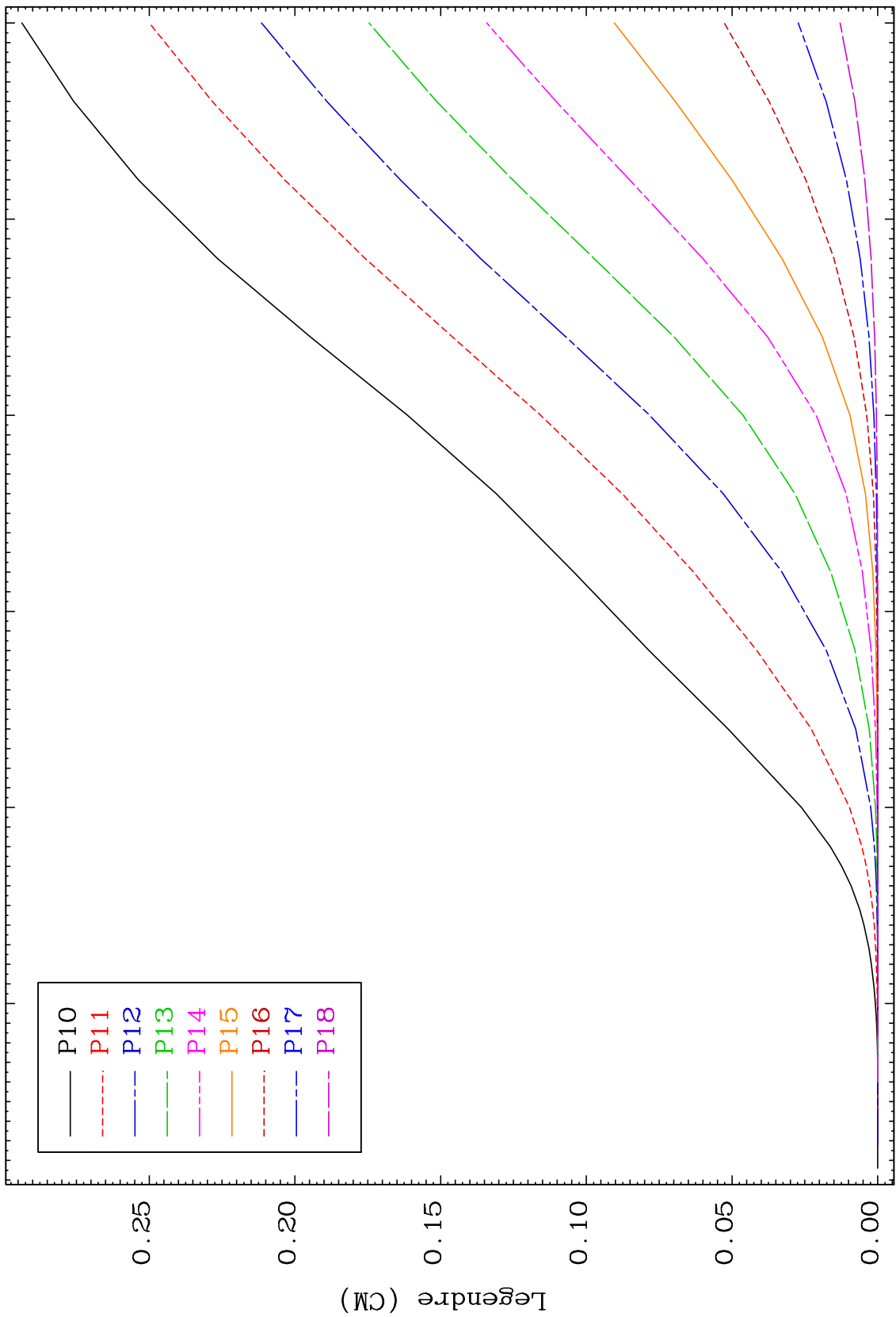
Incident Energy (MeV)

47-Ag-114

MAT 4746

Elastic Legendre Coefficients

47-Ag-114



17

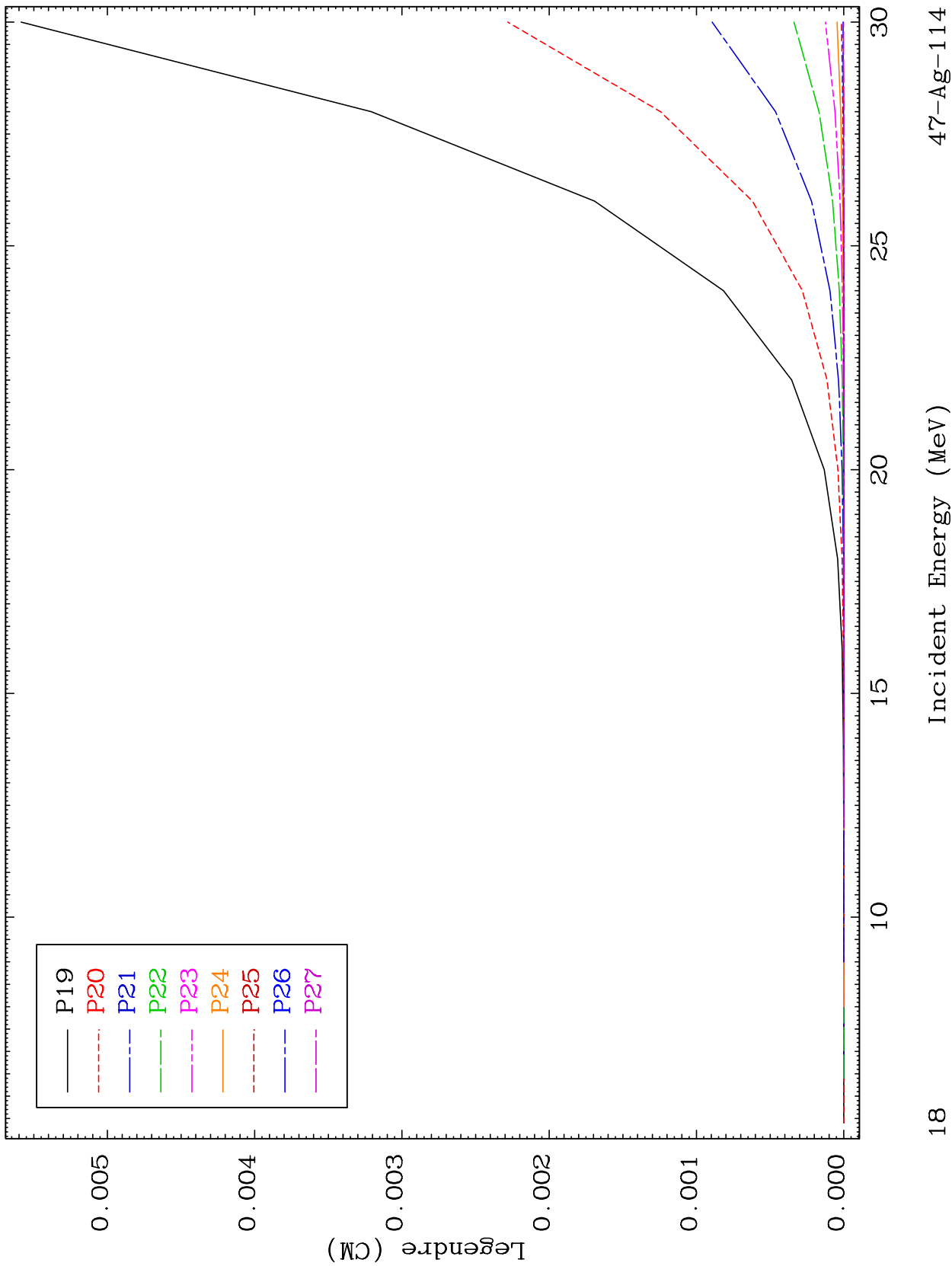
Incident Energy (MeV)

47-Ag-114

MAT 4746

### Elastic Legendre Coefficients

47-Ag-114



18

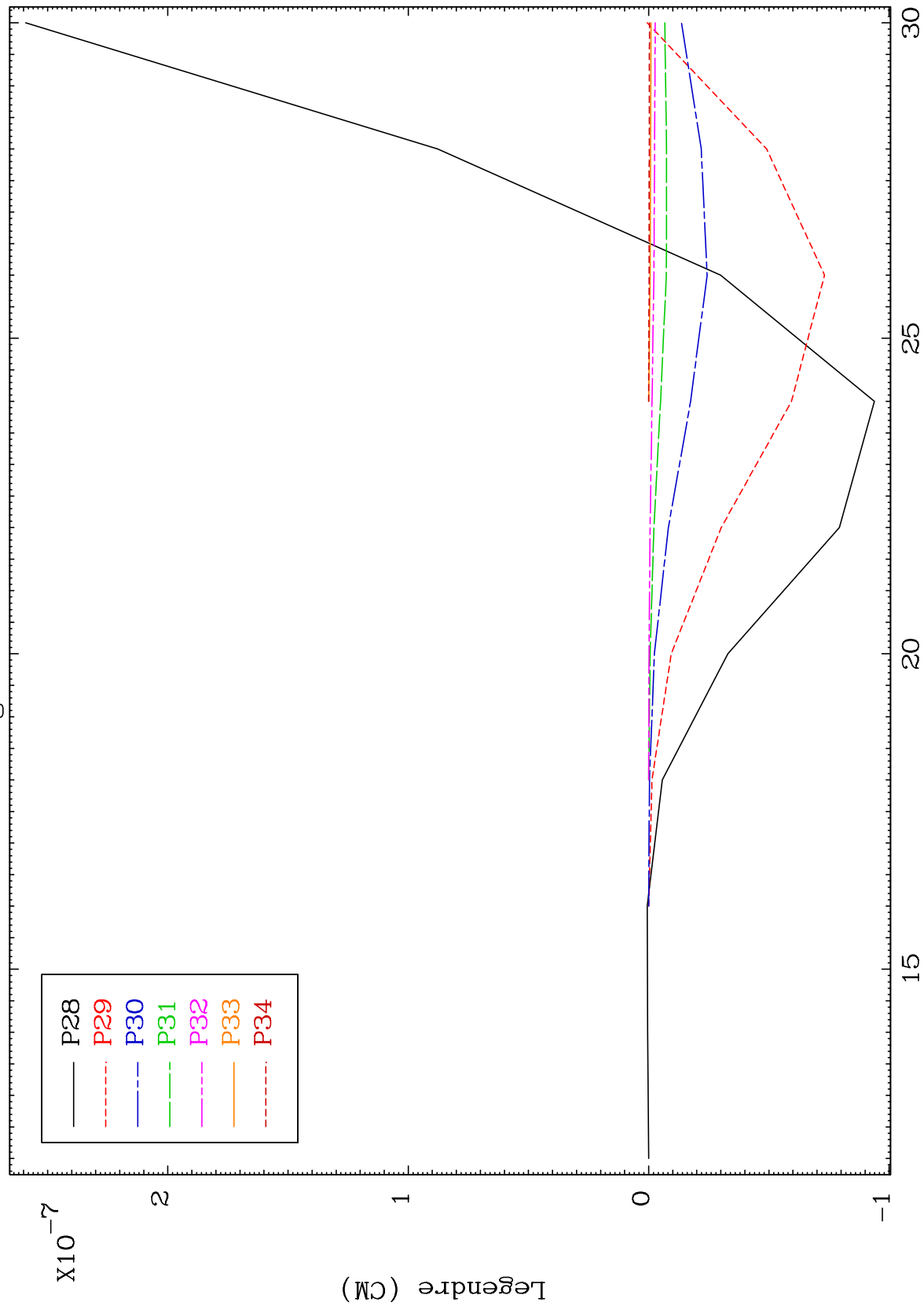
Incident Energy (MeV)

47-Ag-114

MAT 4746

Elastic Legendre Coefficients

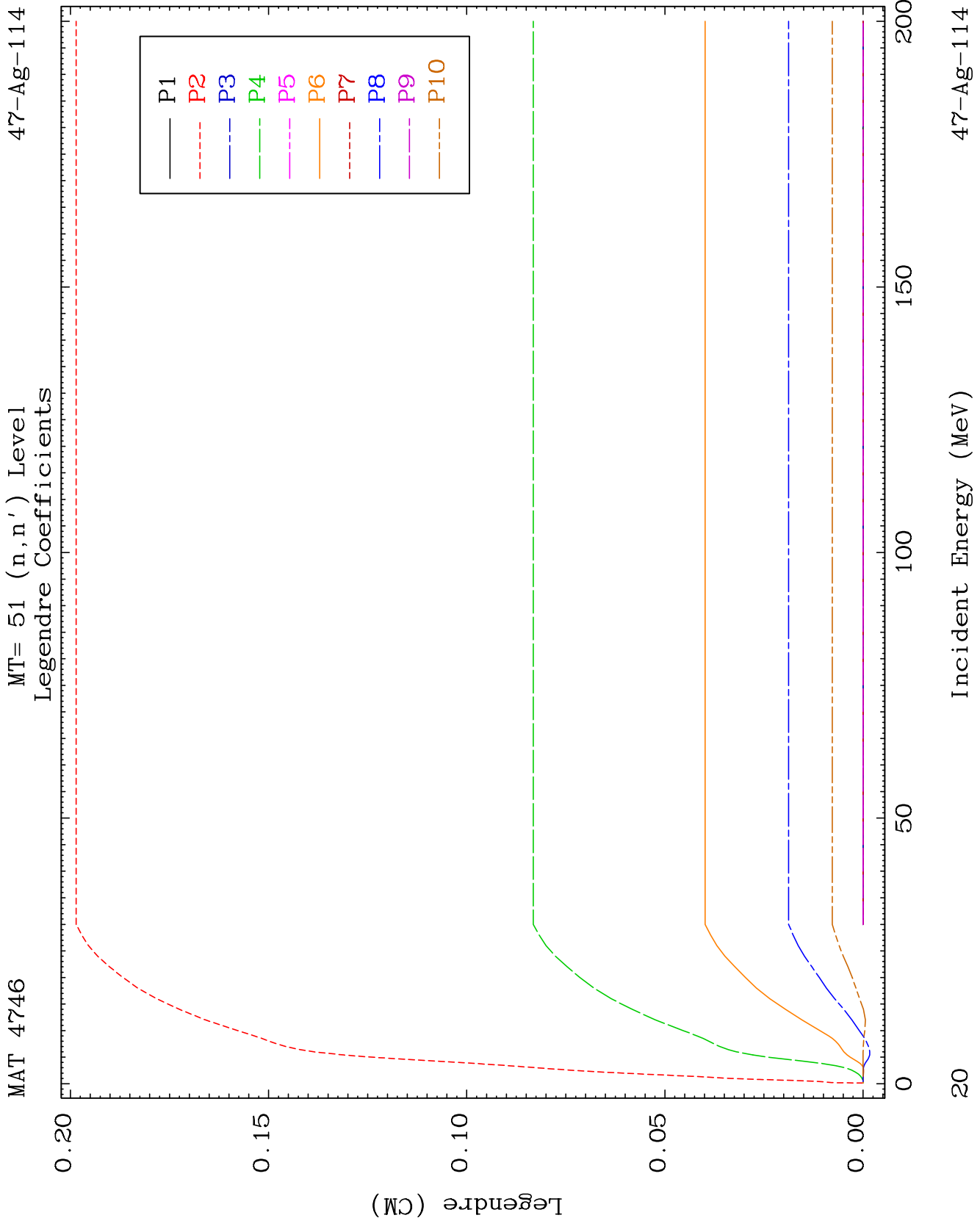
47-Ag-114



19

Incident Energy (MeV)

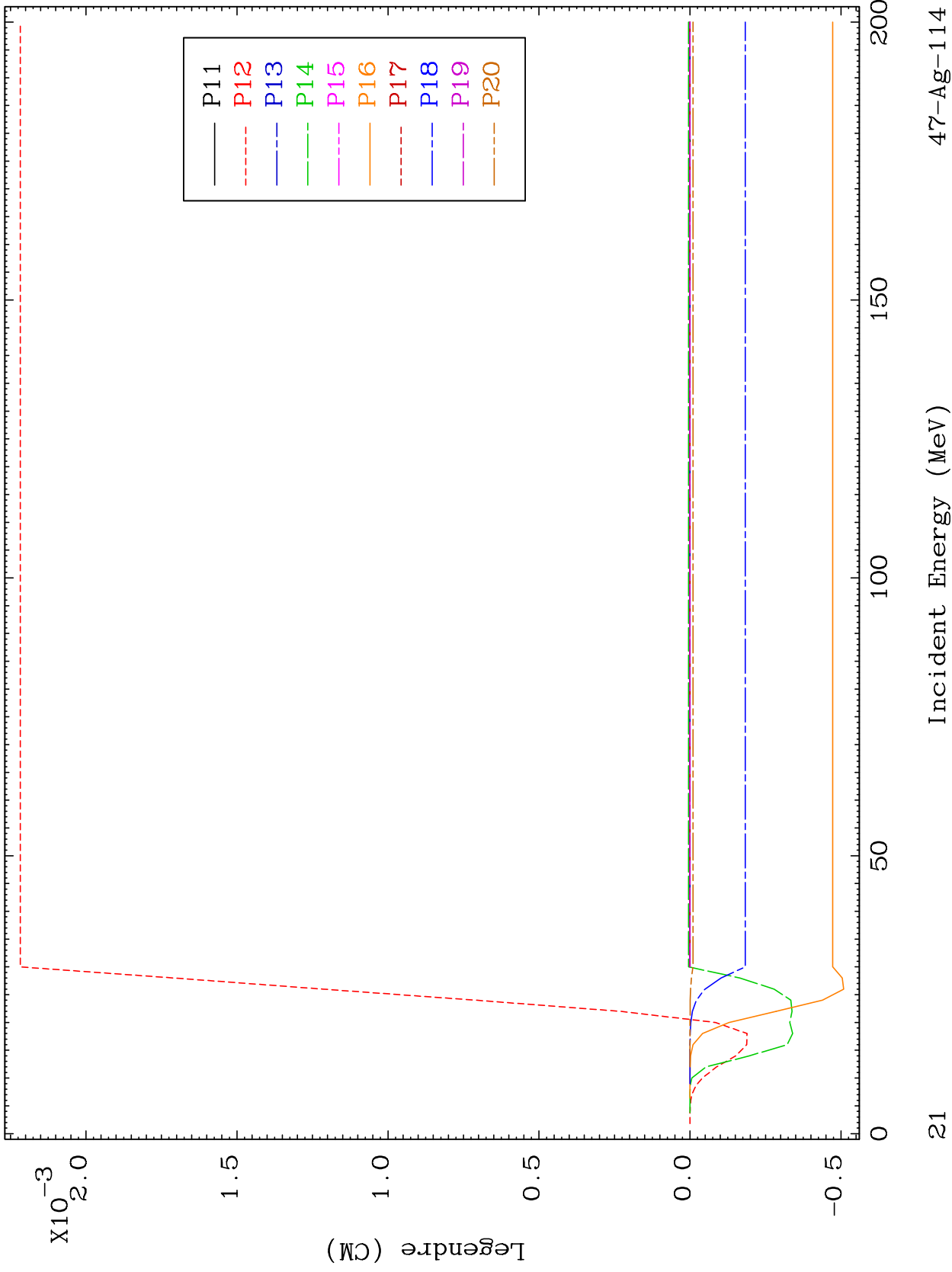
47-Ag-114



MAT 4746

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

47-Ag-114



21

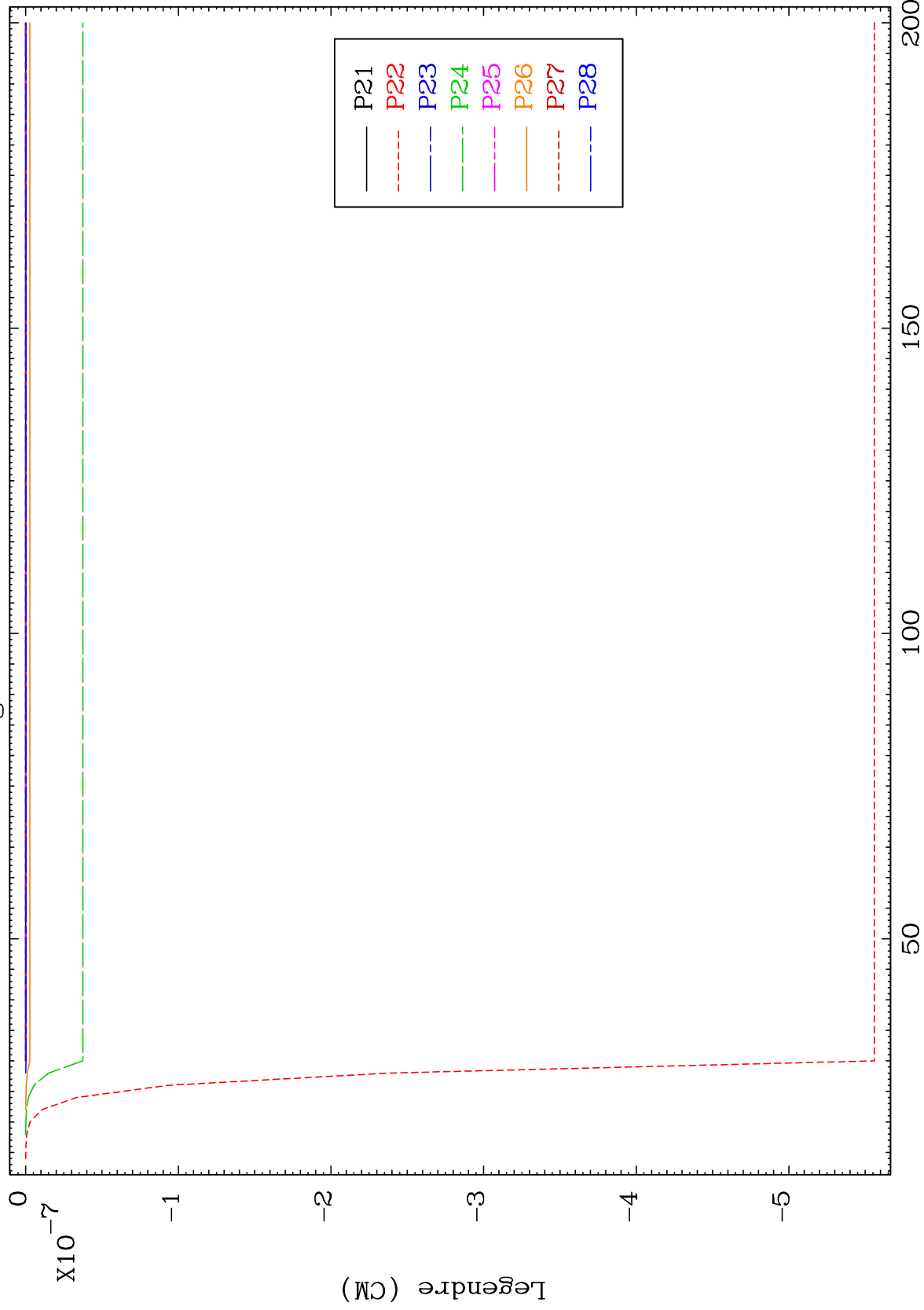
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



22

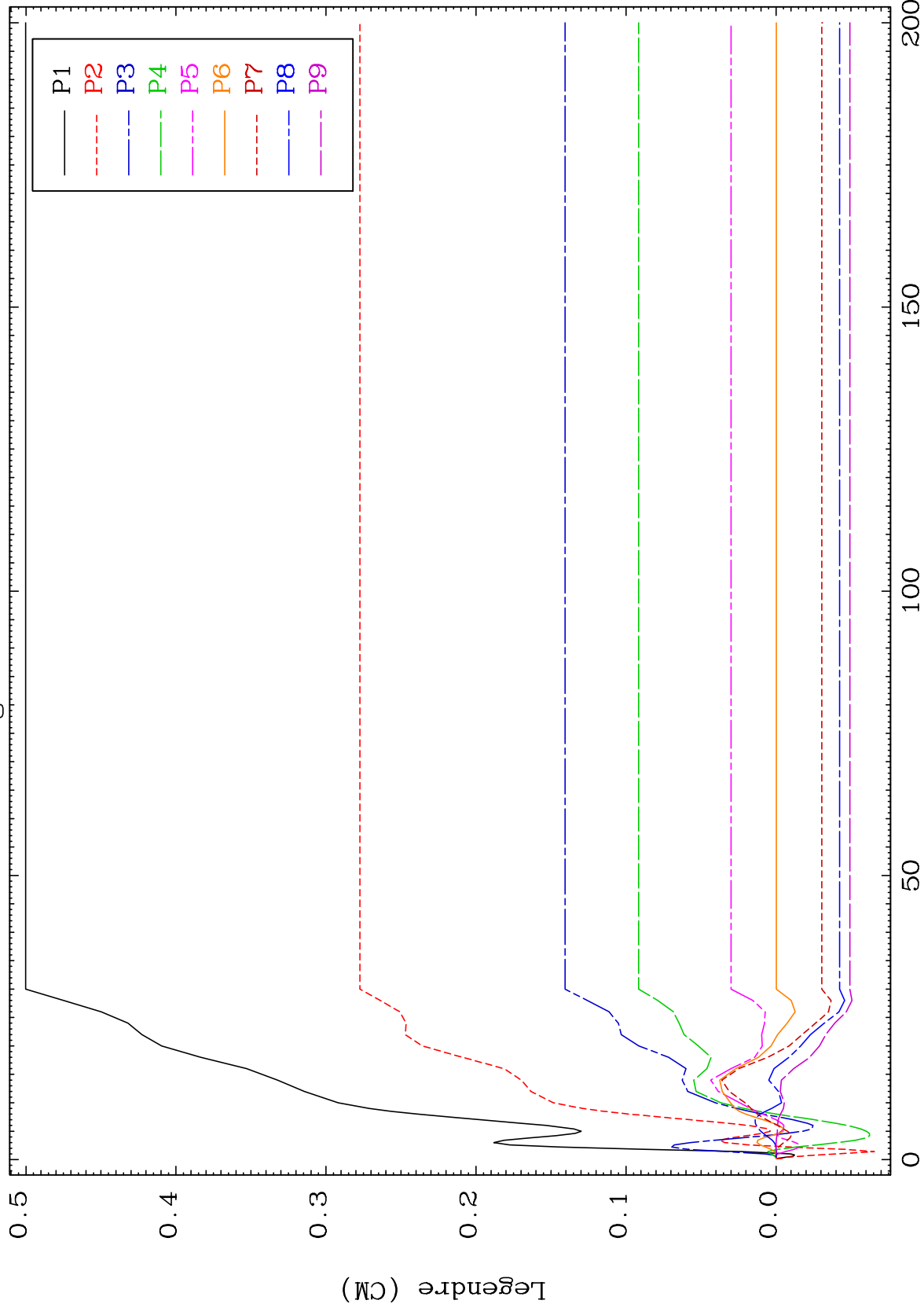
47-Ag-114

47-Ag-114

MAT 4746

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

47-Ag-114



23

Incident Energy (MeV)

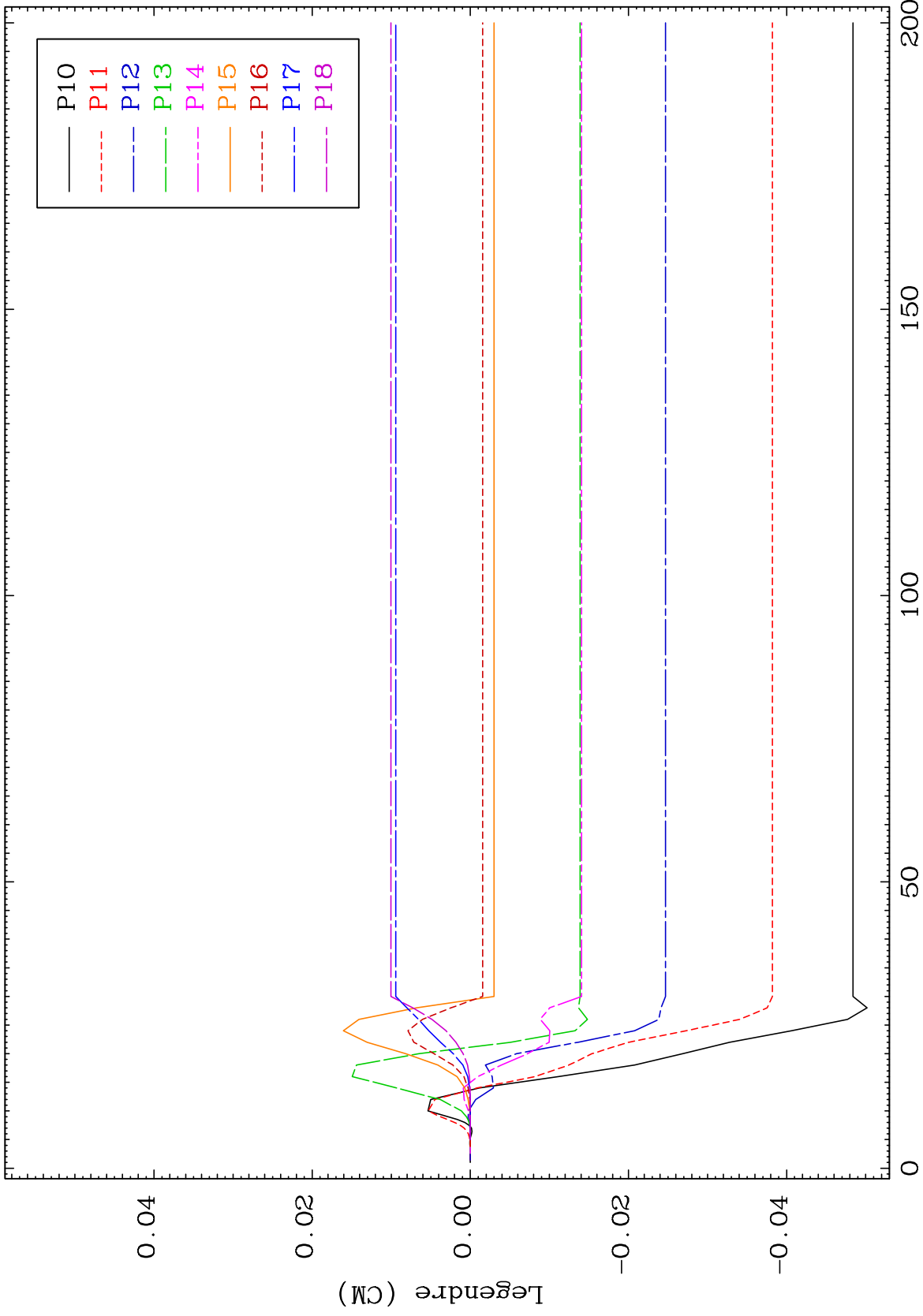
47-Ag-114



MAT 4746

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

47-Ag-114



24

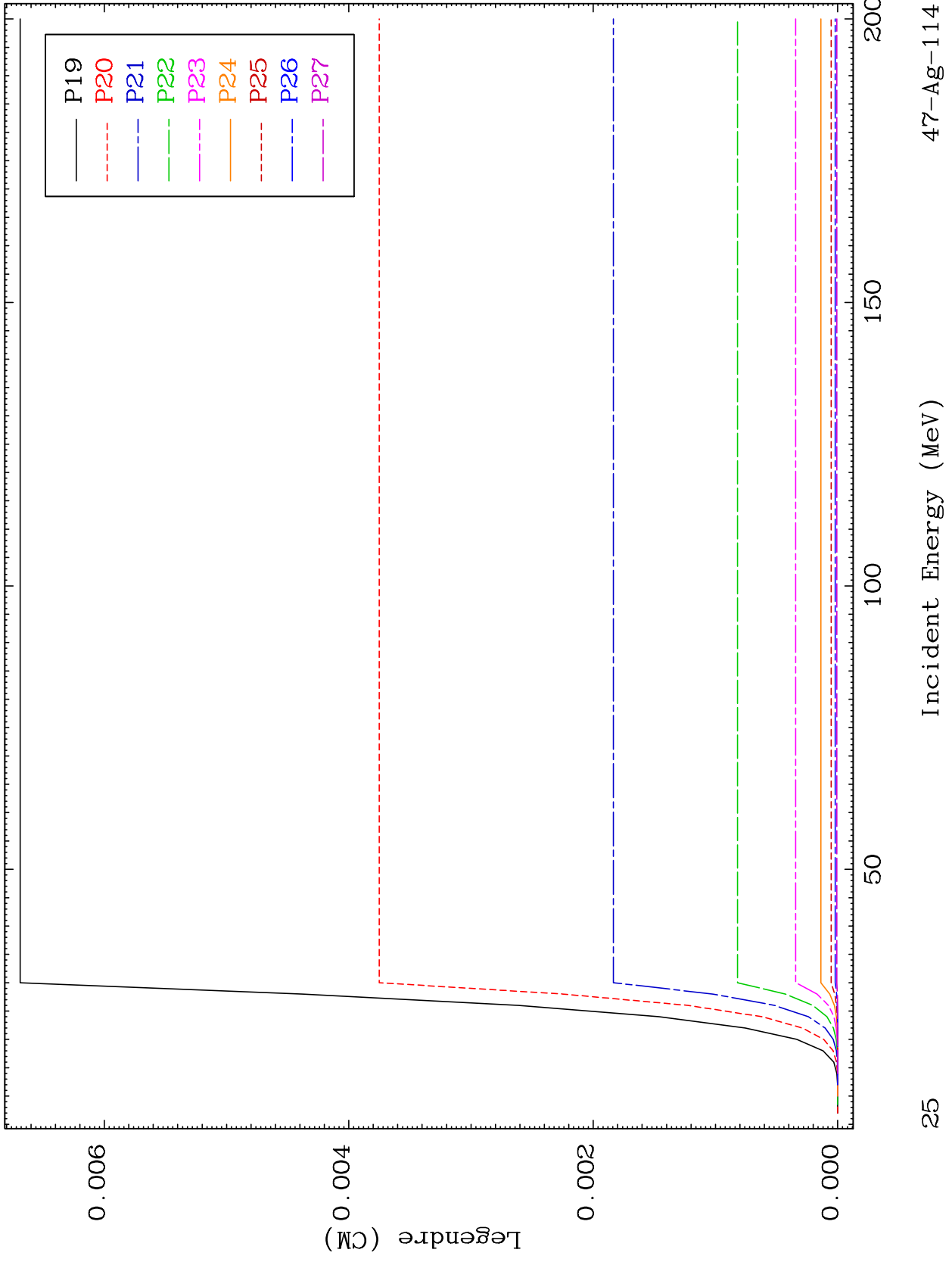
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



25

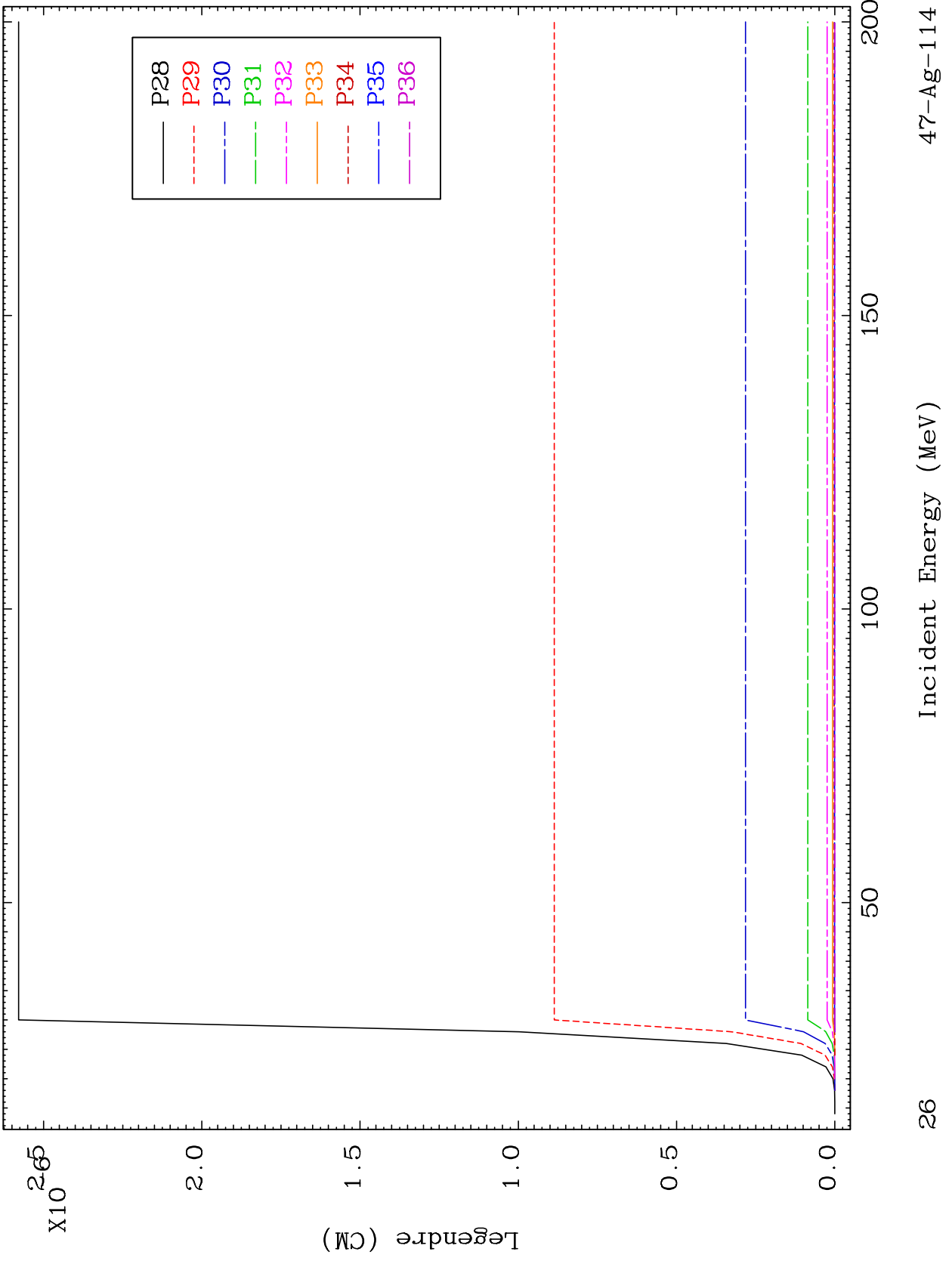
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114

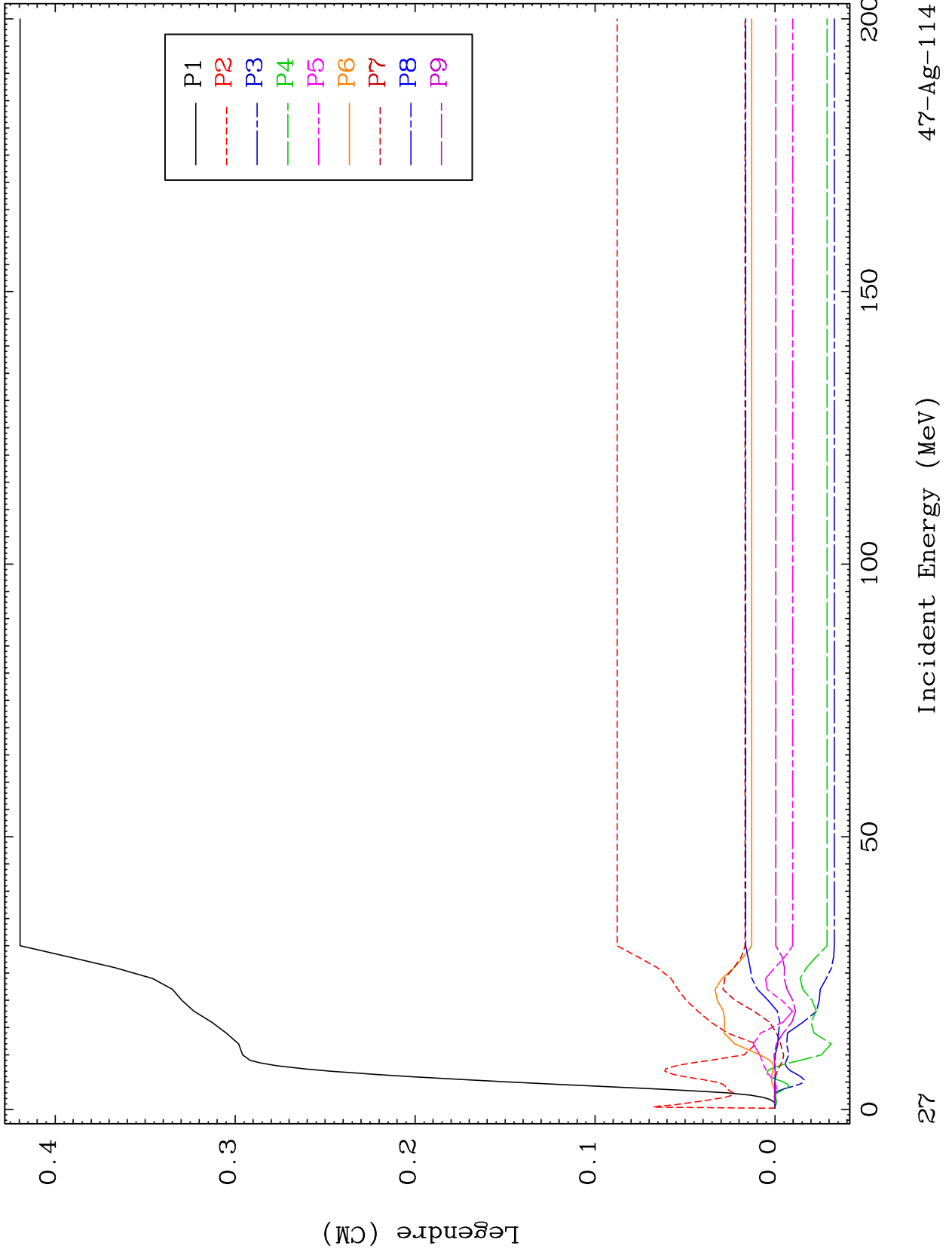


26

MAT 4746

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

47-Ag-114



47-Ag-114

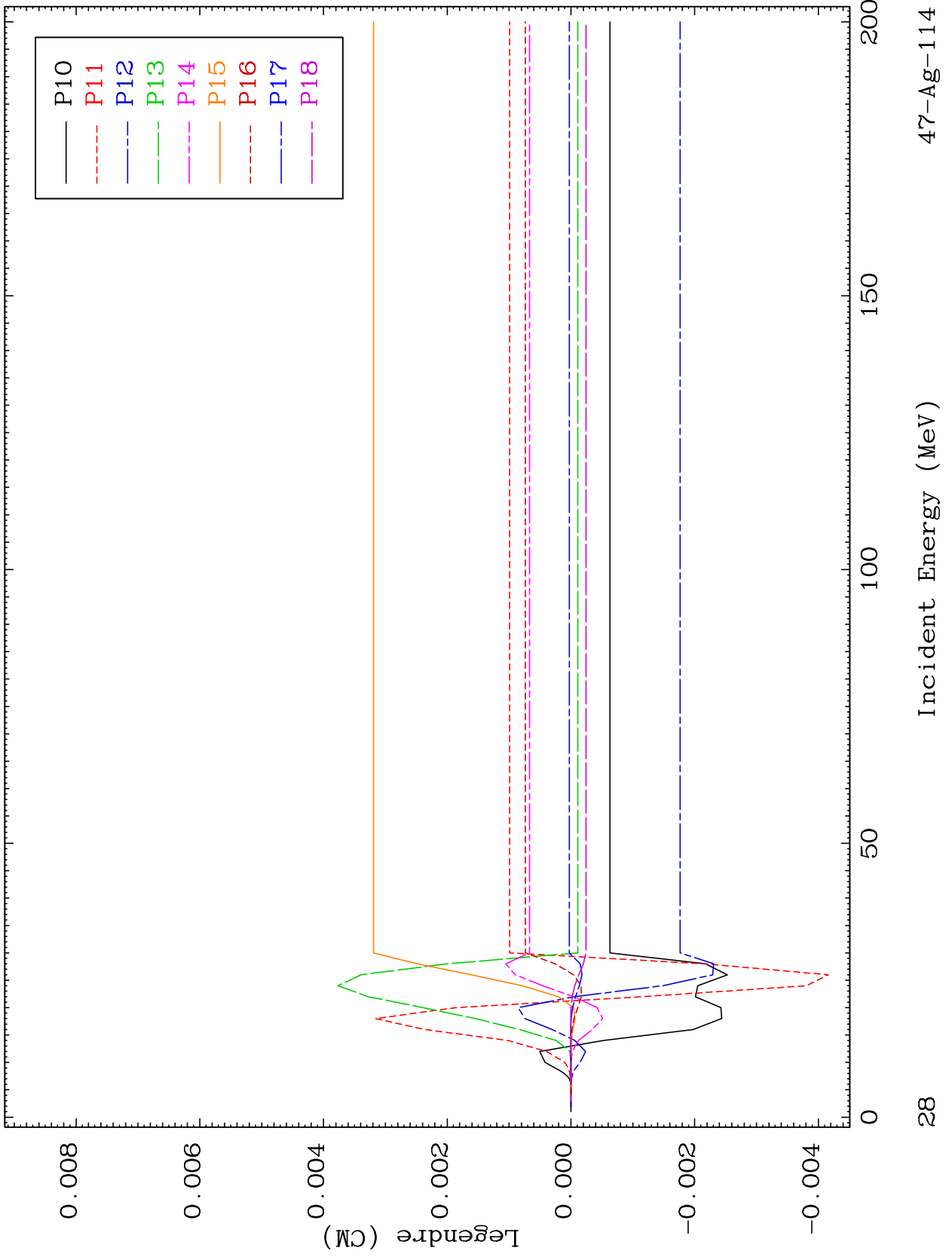
Incident Energy (MeV)

27

MAT 4746

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

47-Ag-114



47-Ag-114

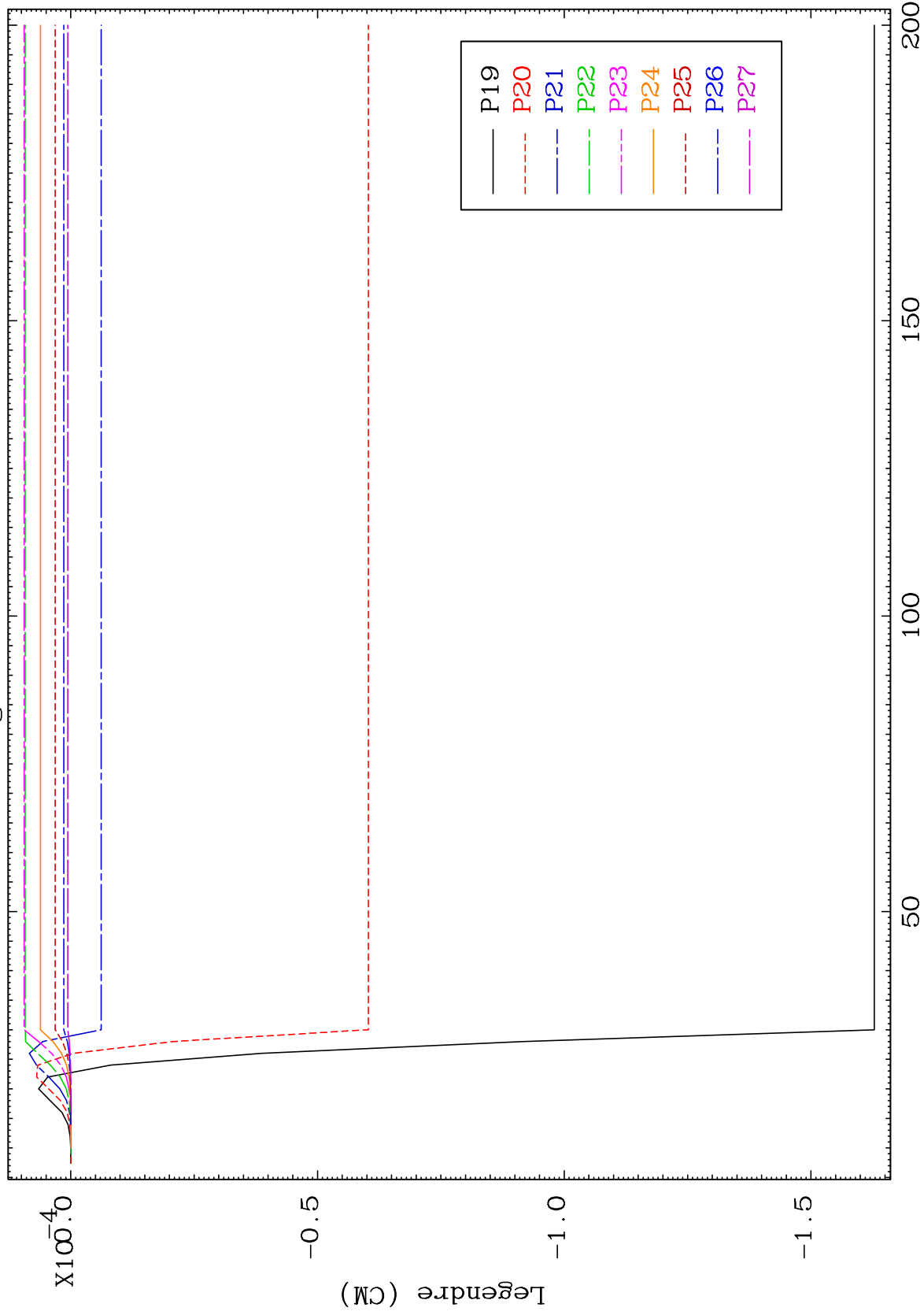
Incident Energy (MeV)

28

MAT 4746

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

47-Ag-114



29

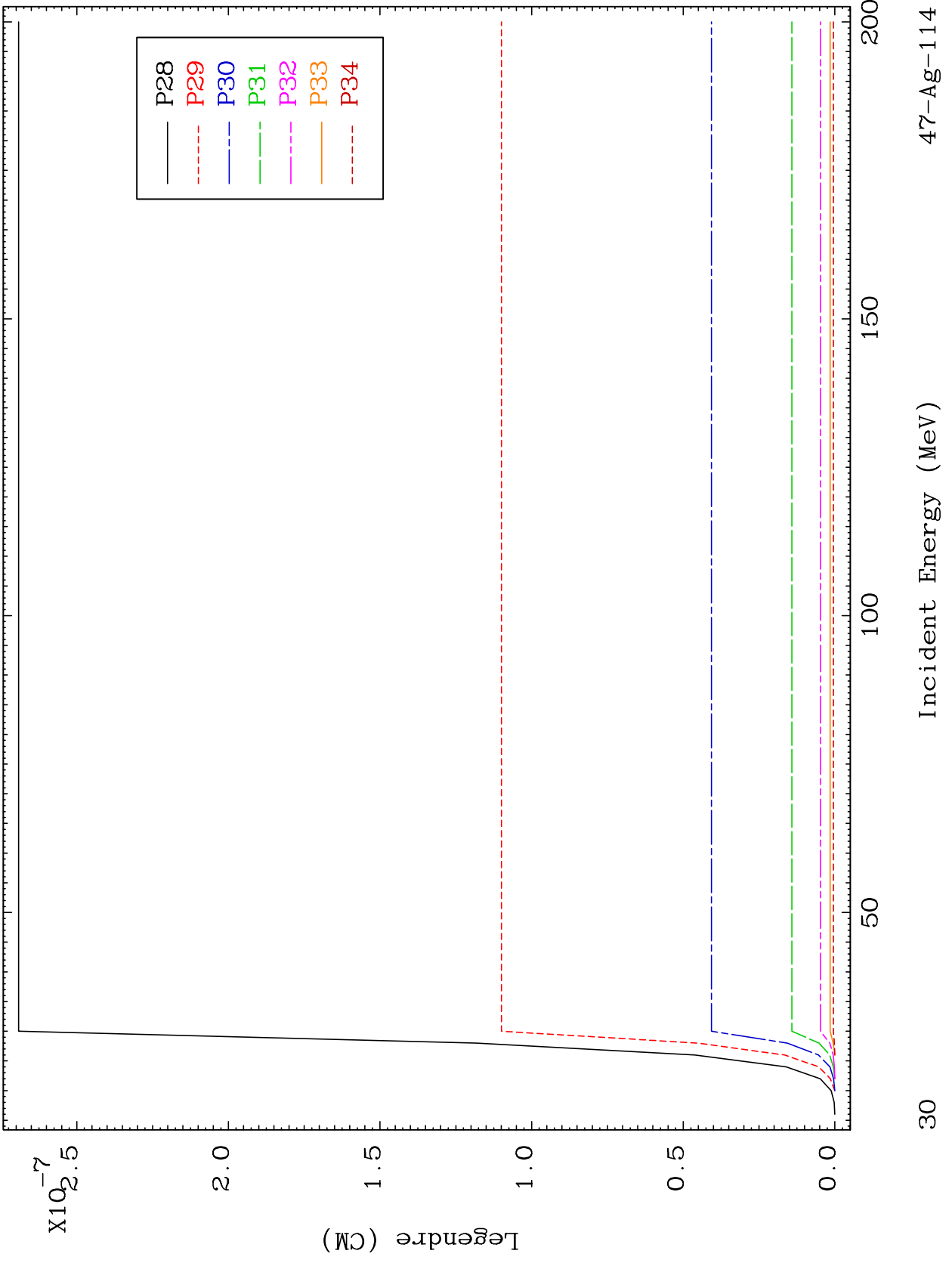
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

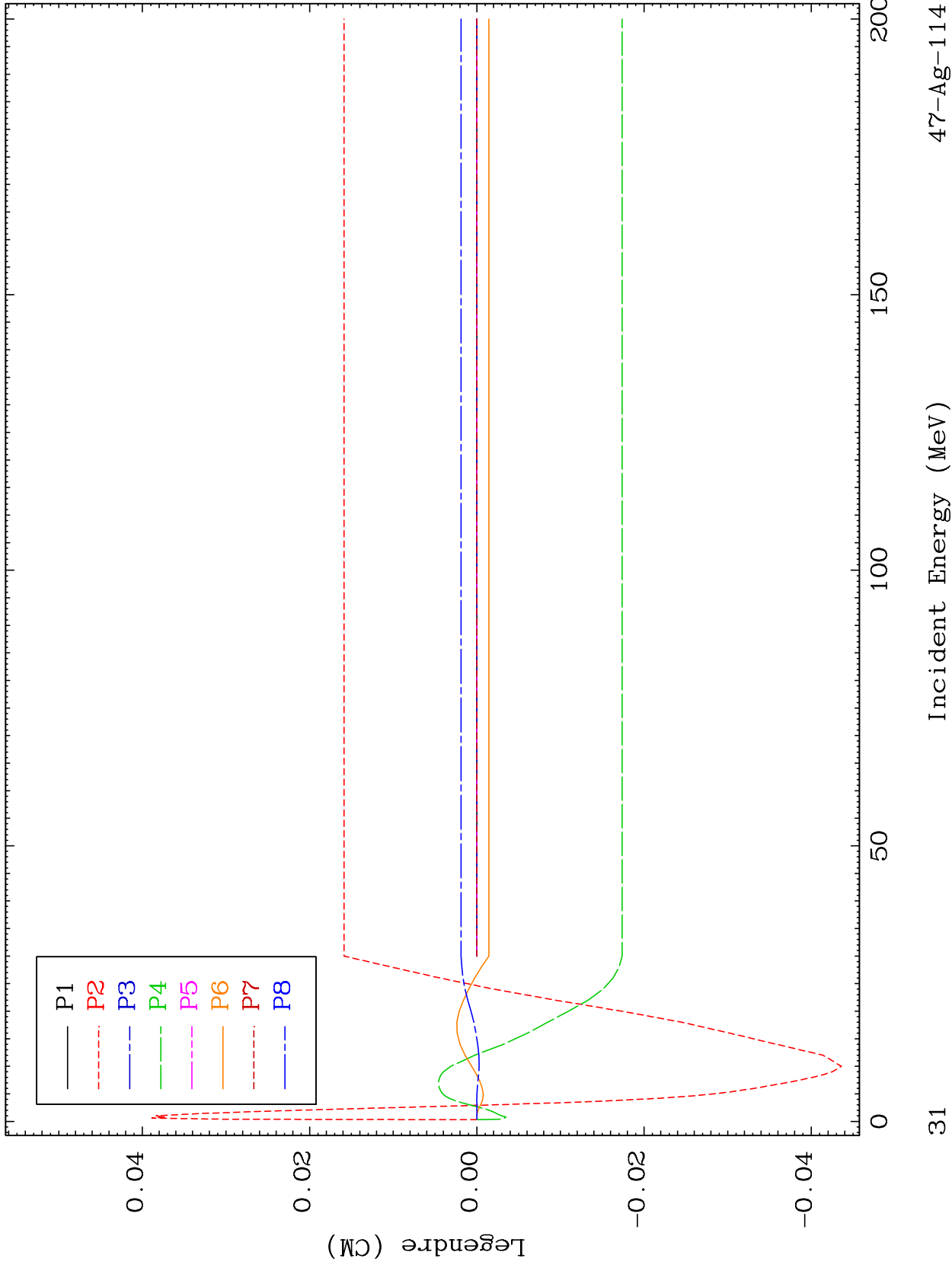
47-Ag-114



MAT 4746

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

47-Ag-114



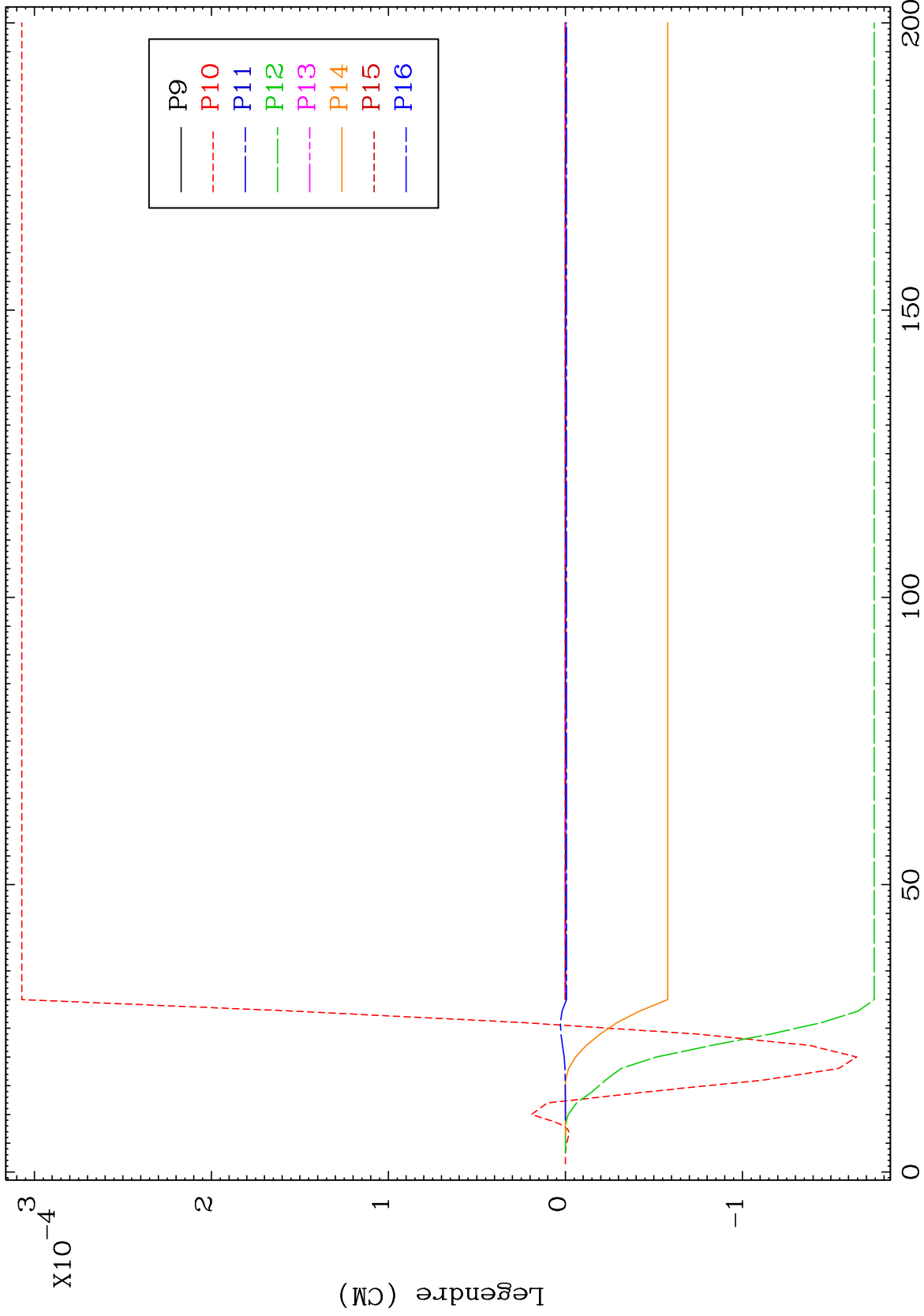
31



MAT 4746

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

47-Ag-114



32

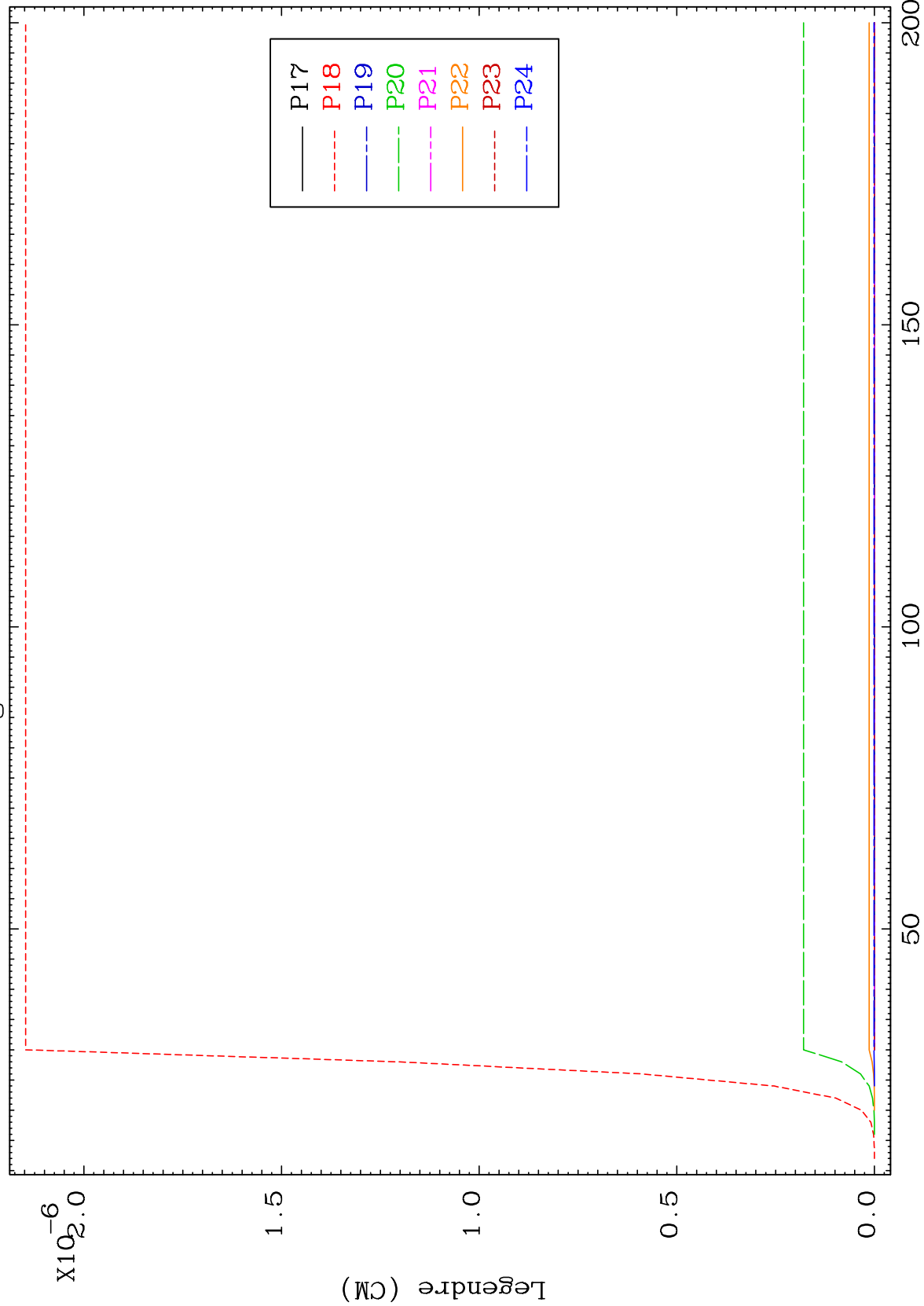
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



33

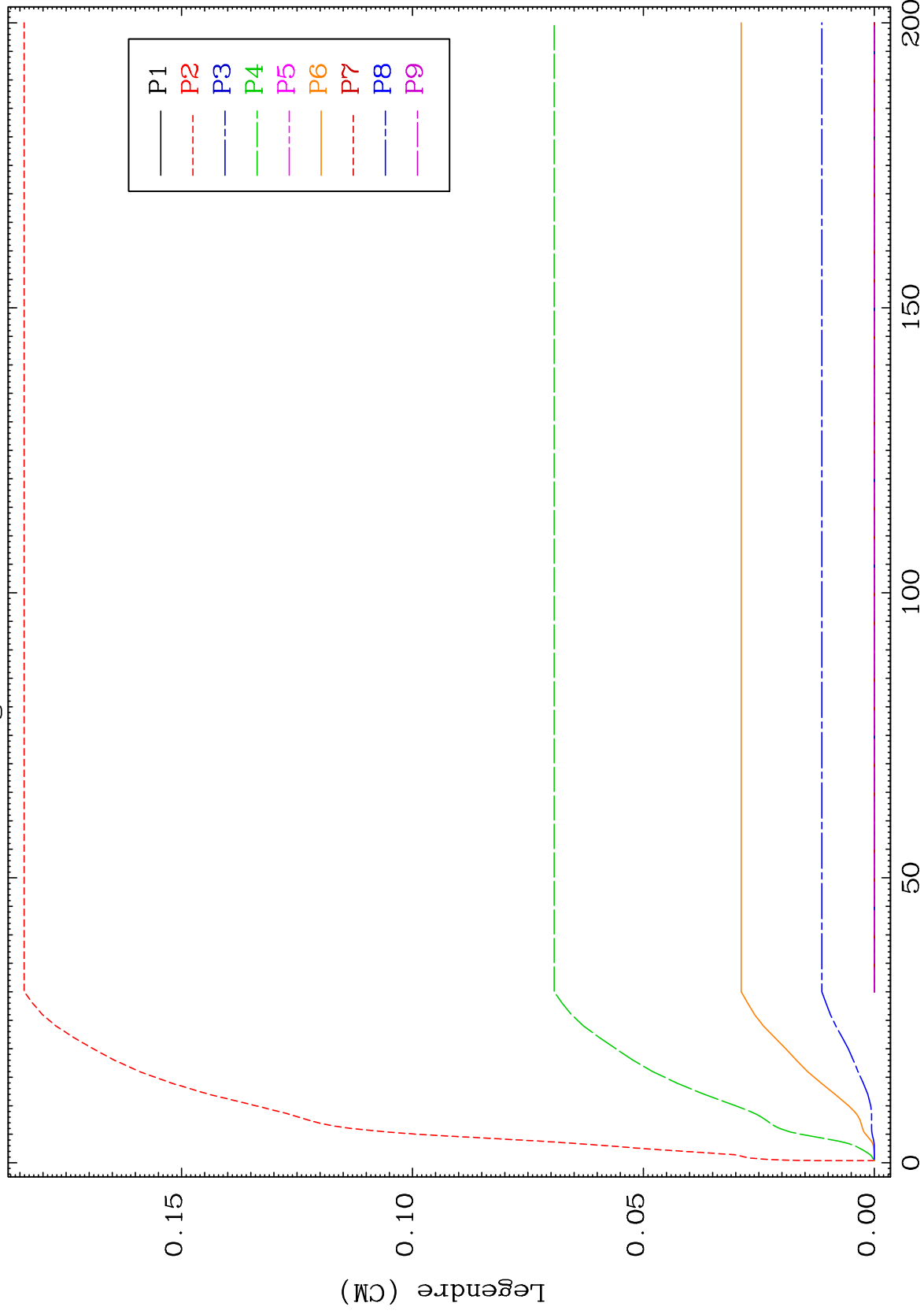
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



34

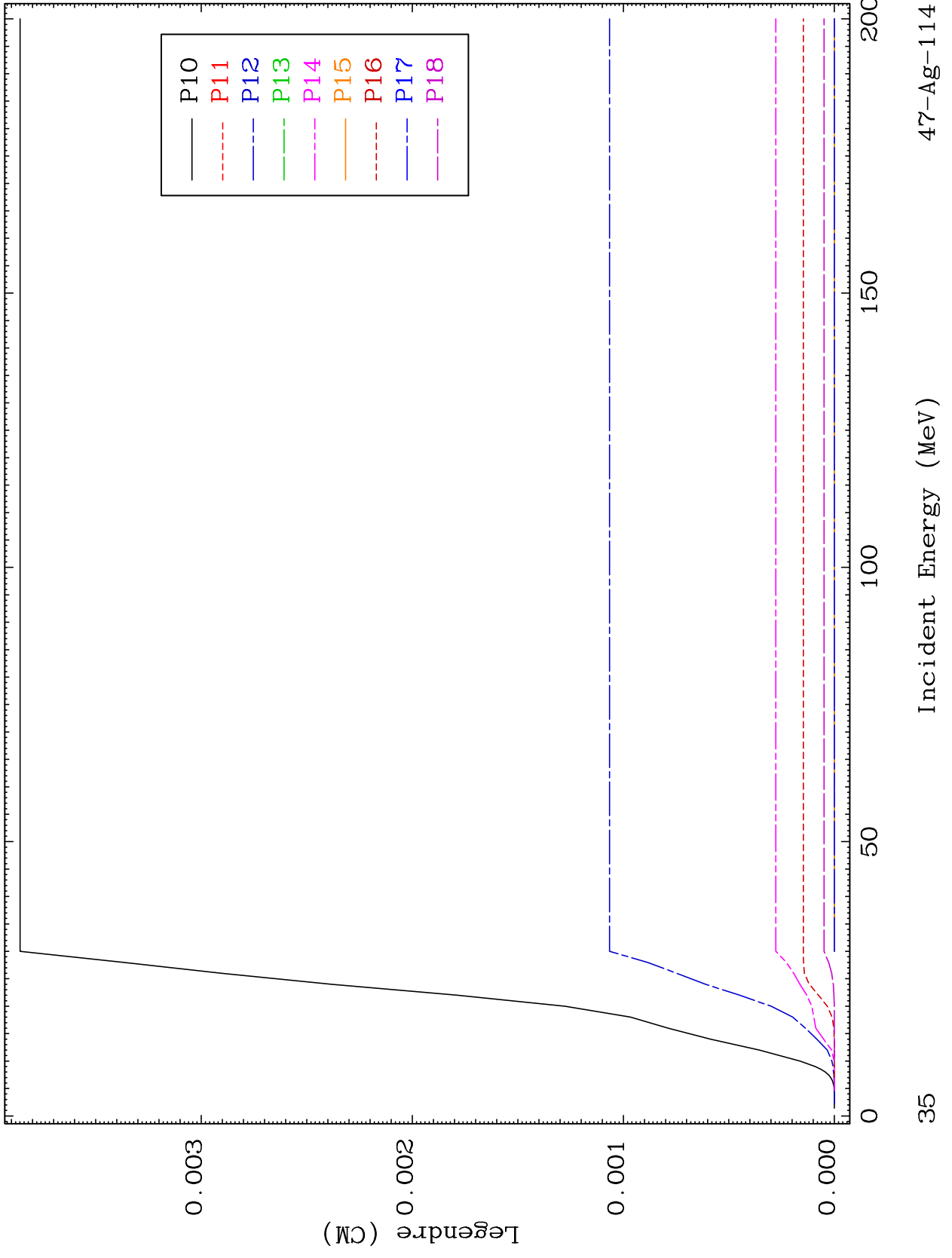
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



47-Ag-114

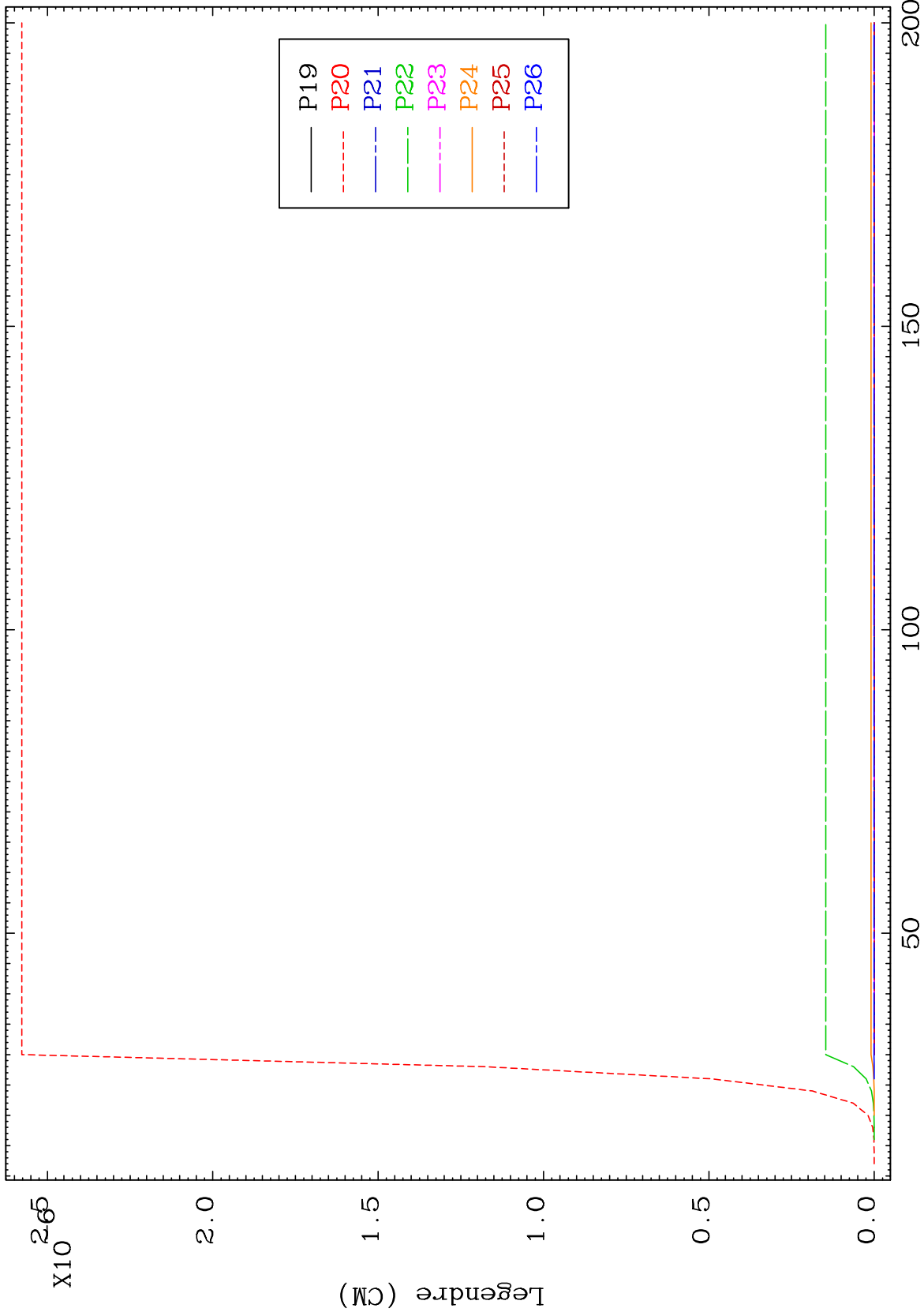
Incident Energy (MeV)

35

MAT 4746

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

47-Ag-114



36

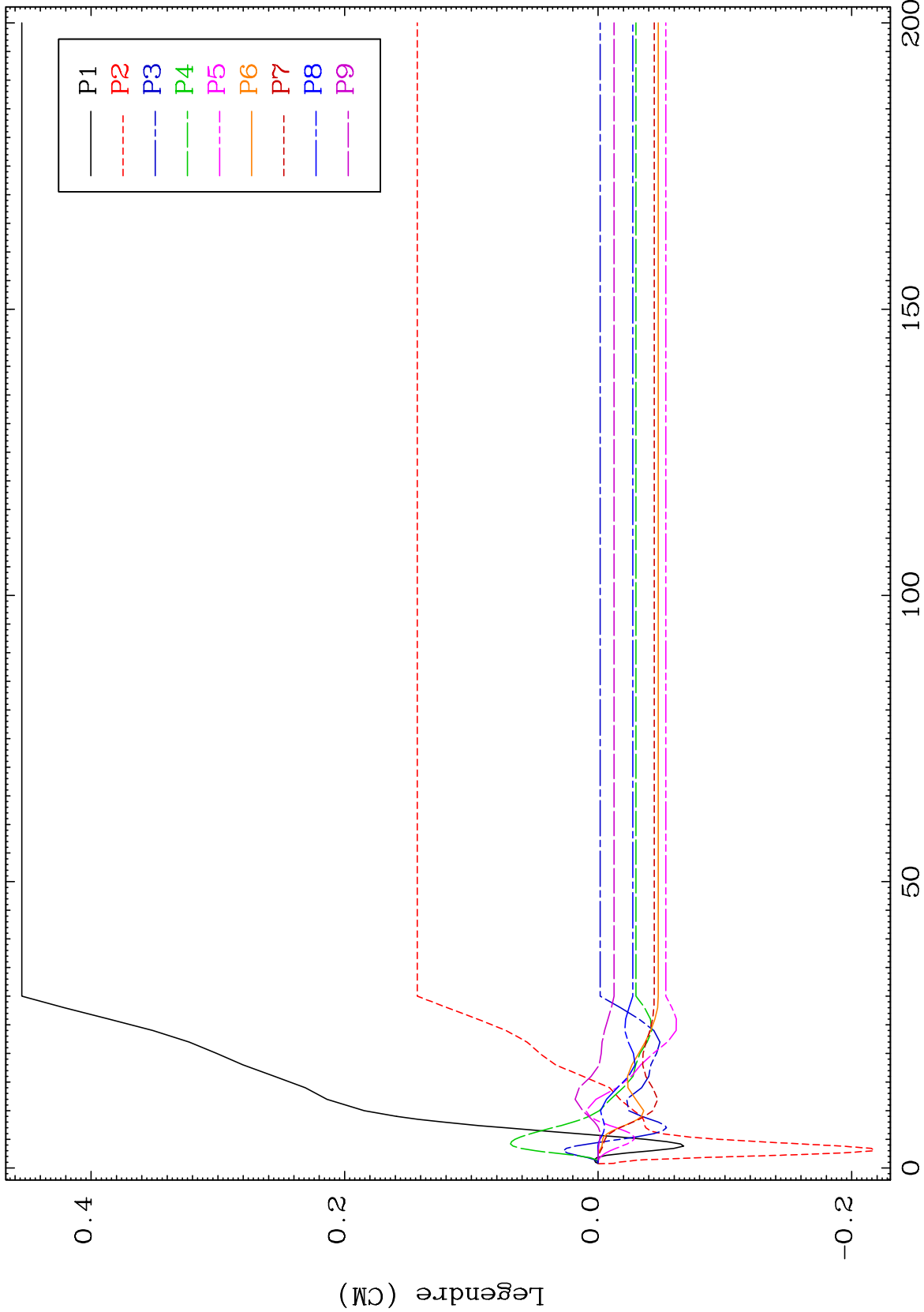
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



37

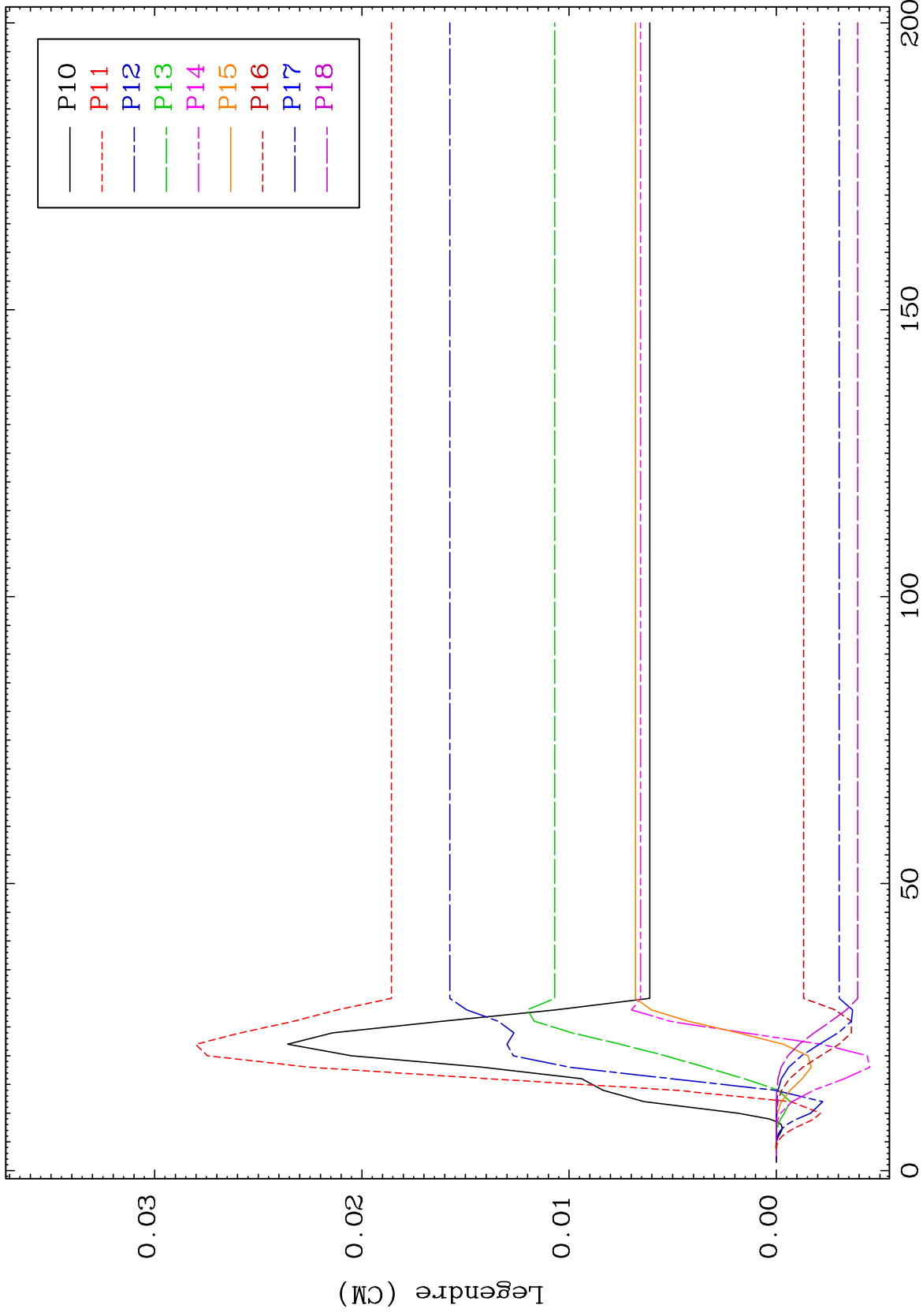
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



38

Incident Energy (MeV)

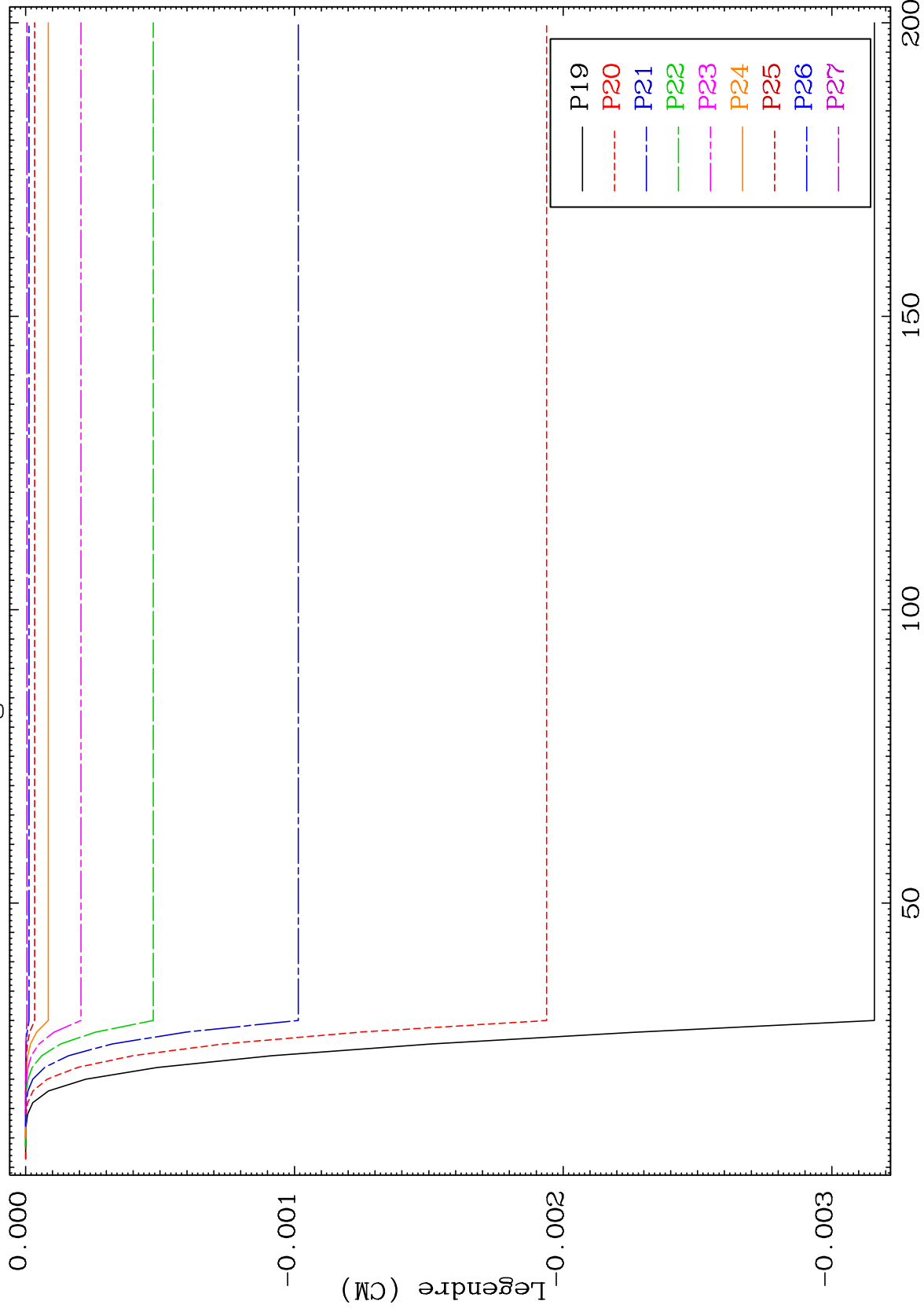
47-Ag-114

MAT 4746

MT= 56 (n,n') Level

47-Ag-114

Legendre Coefficients

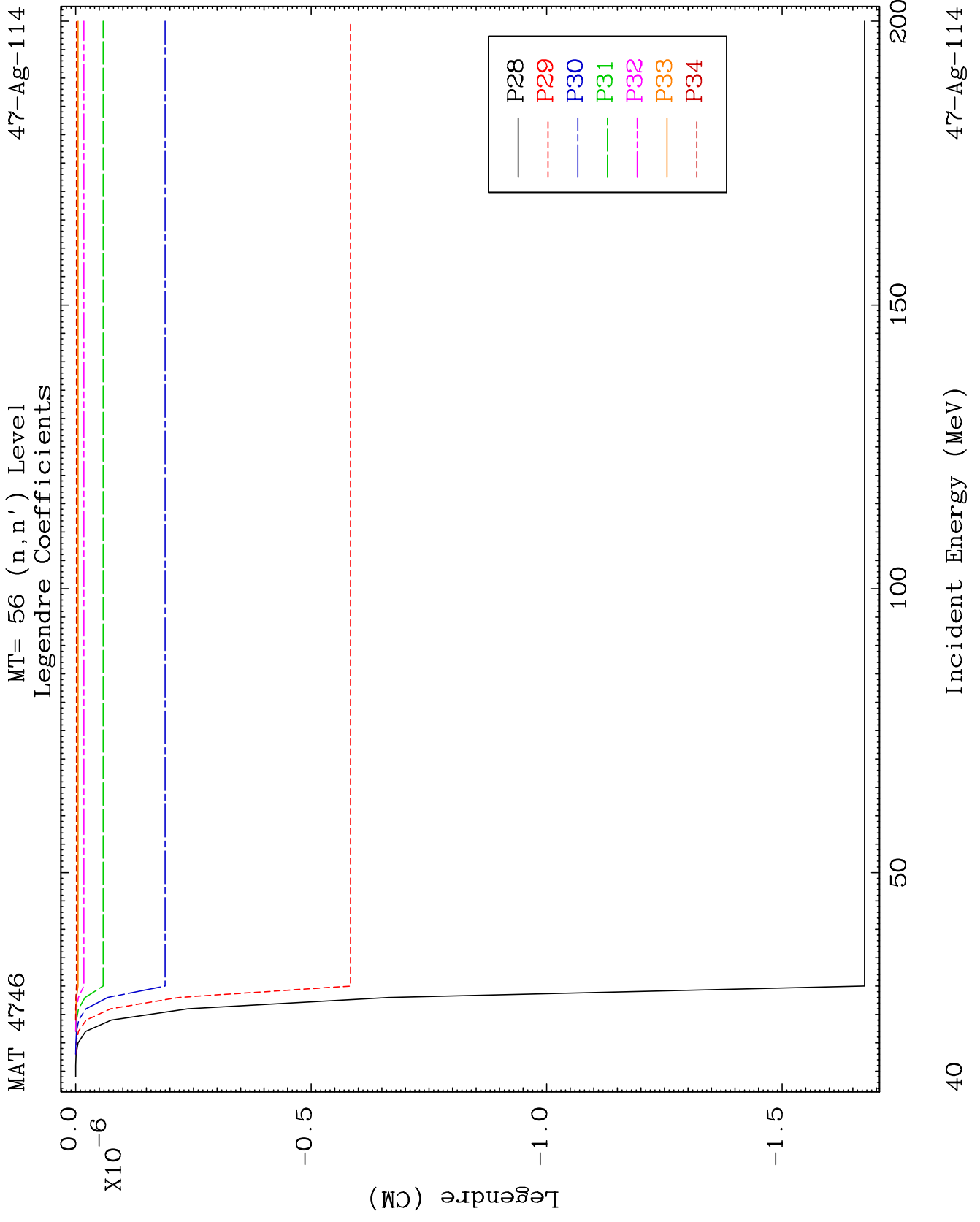


39

Incident Energy (MeV)

47-Ag-114

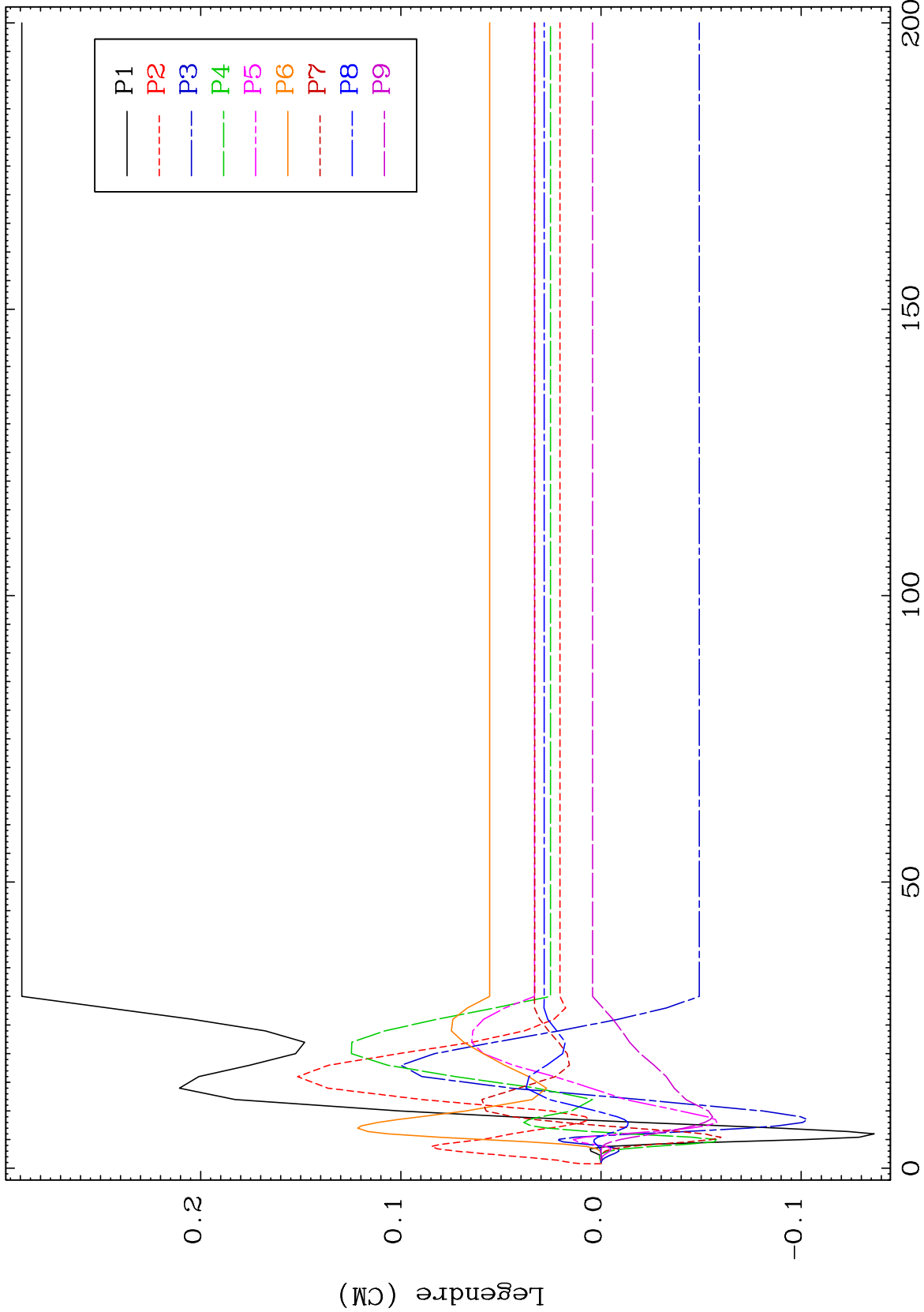




MAT 4746

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

47-Ag-114



41

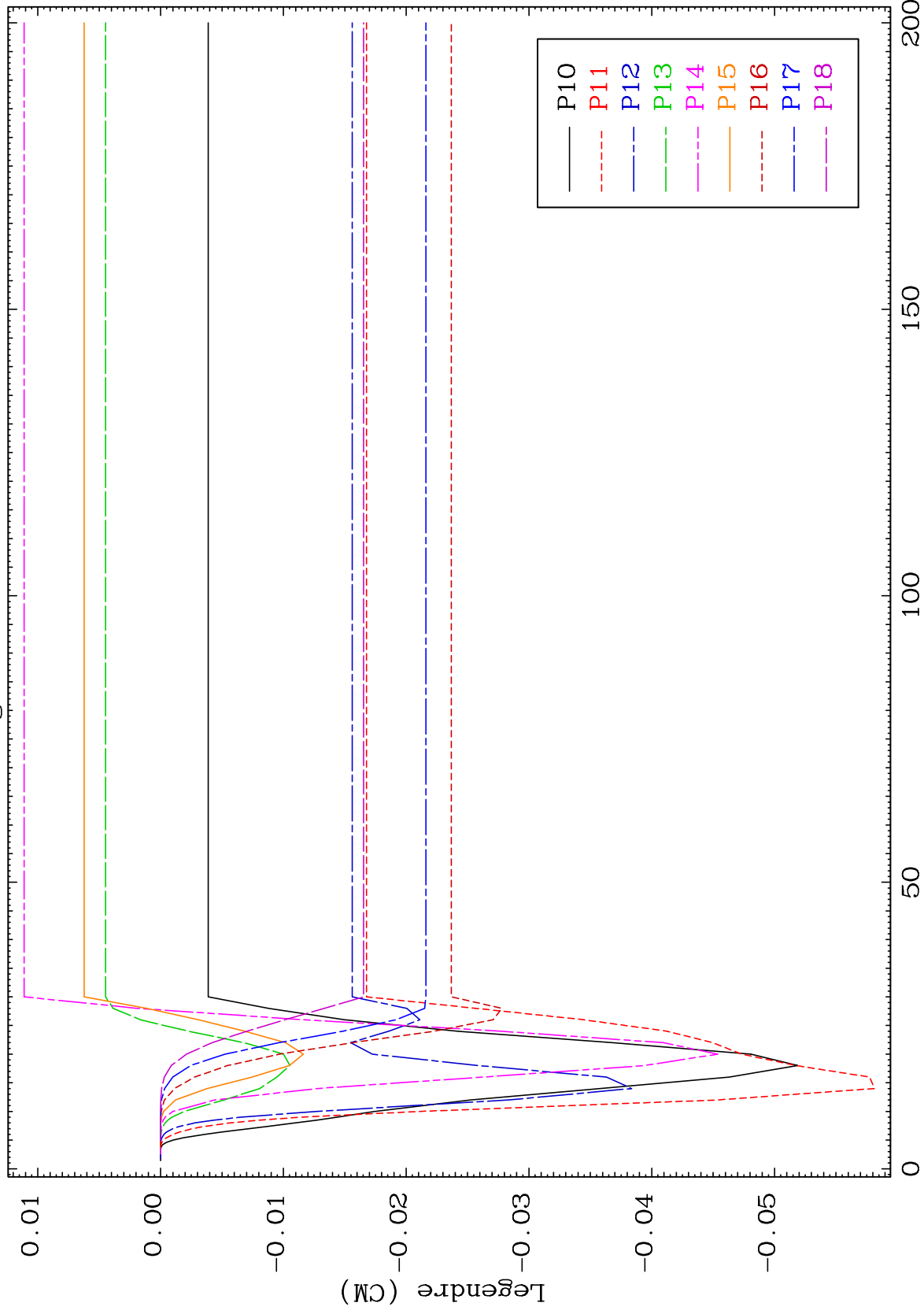
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



42

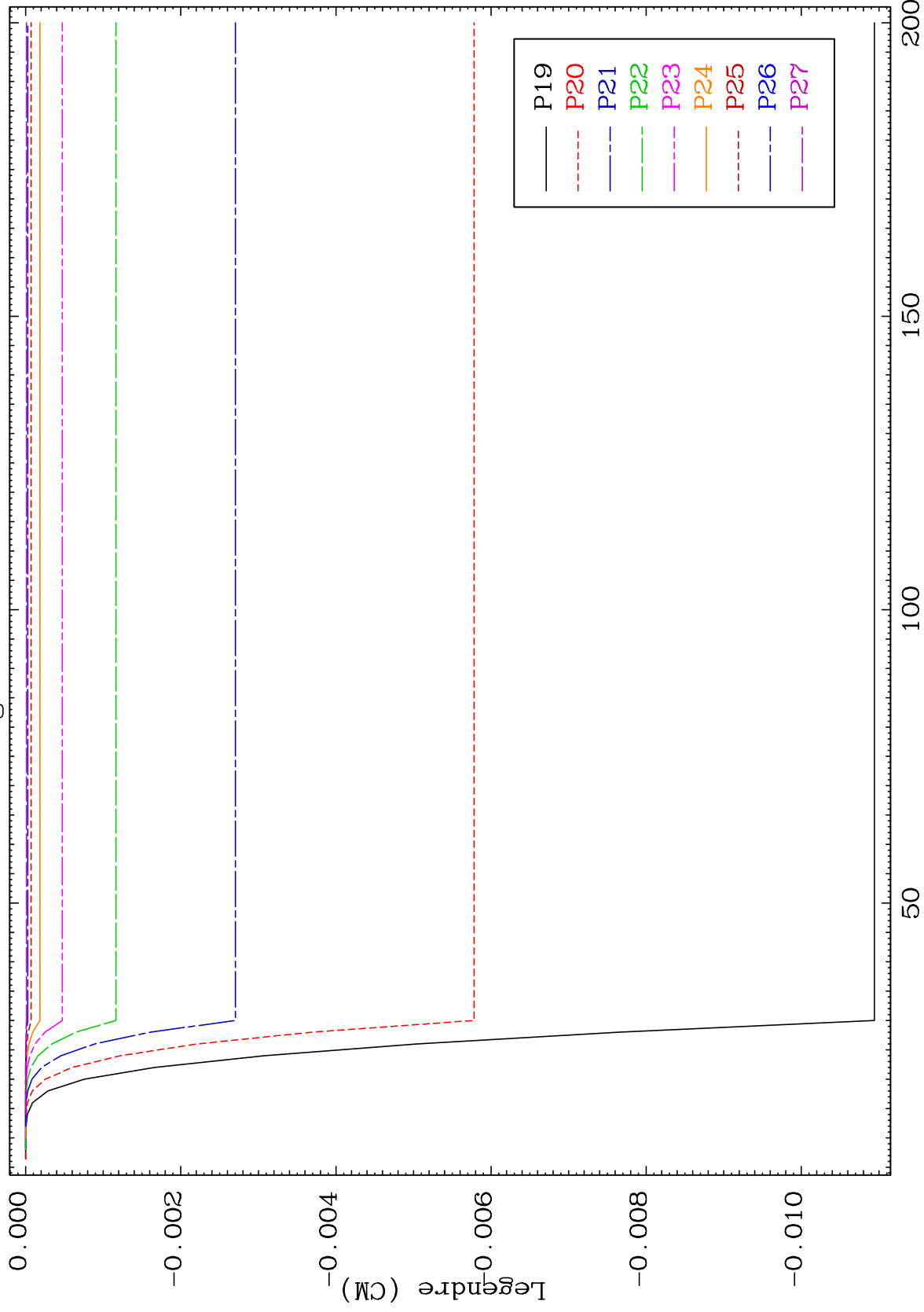
Incident Energy (MeV)

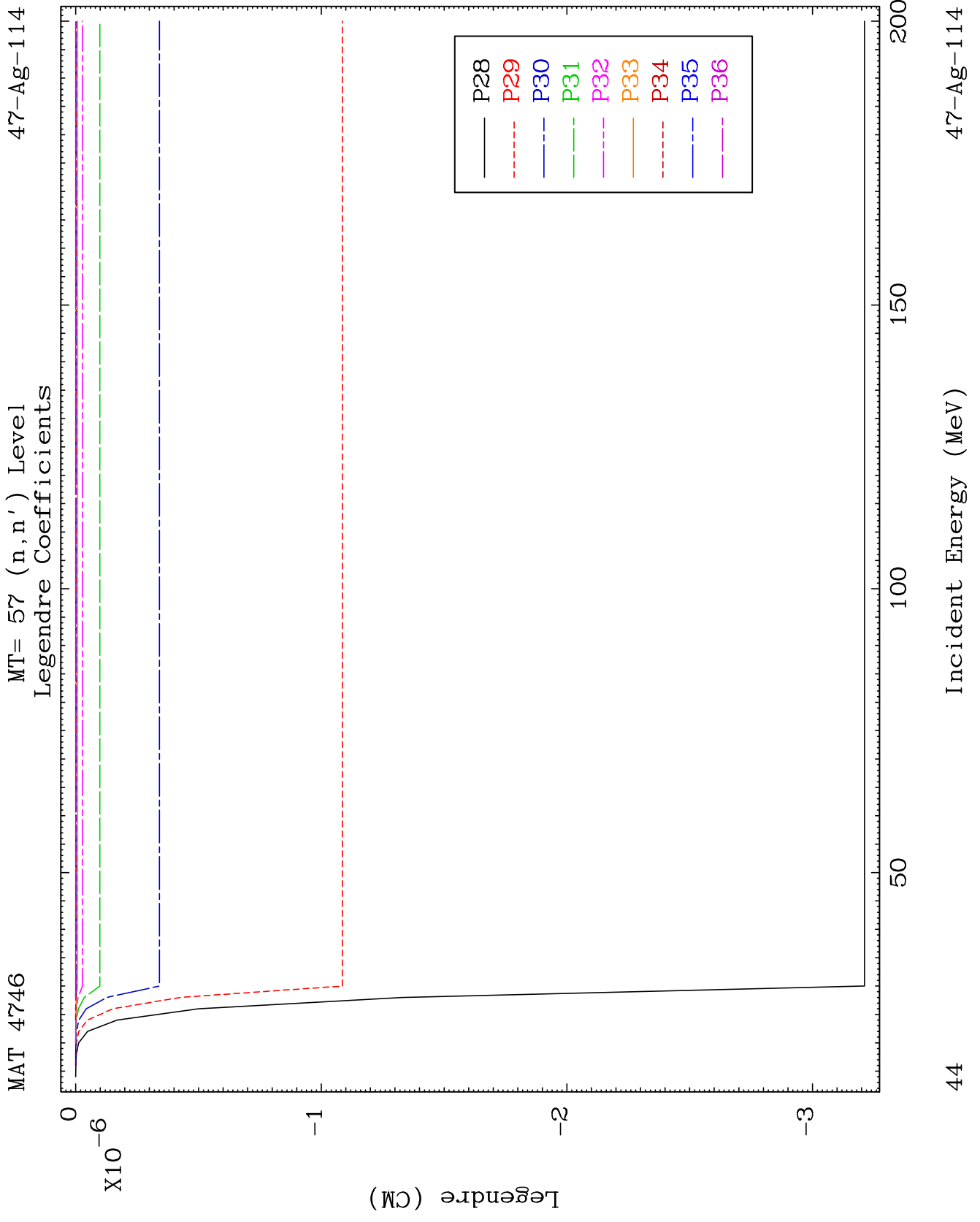
47-Ag-114

MAT 4746

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

47-Ag-114

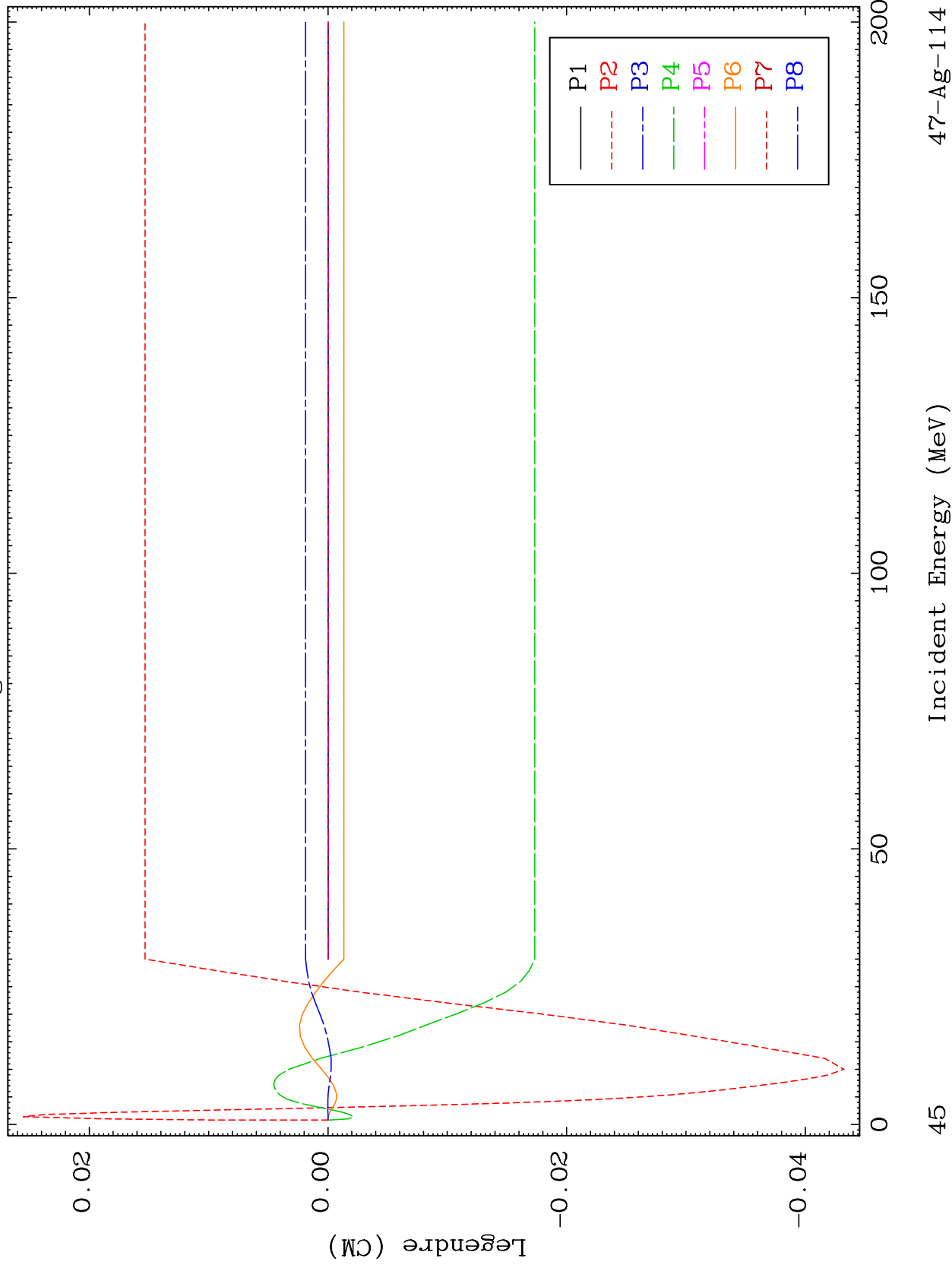




MAT 4746

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

47-Ag-114



47-Ag-114

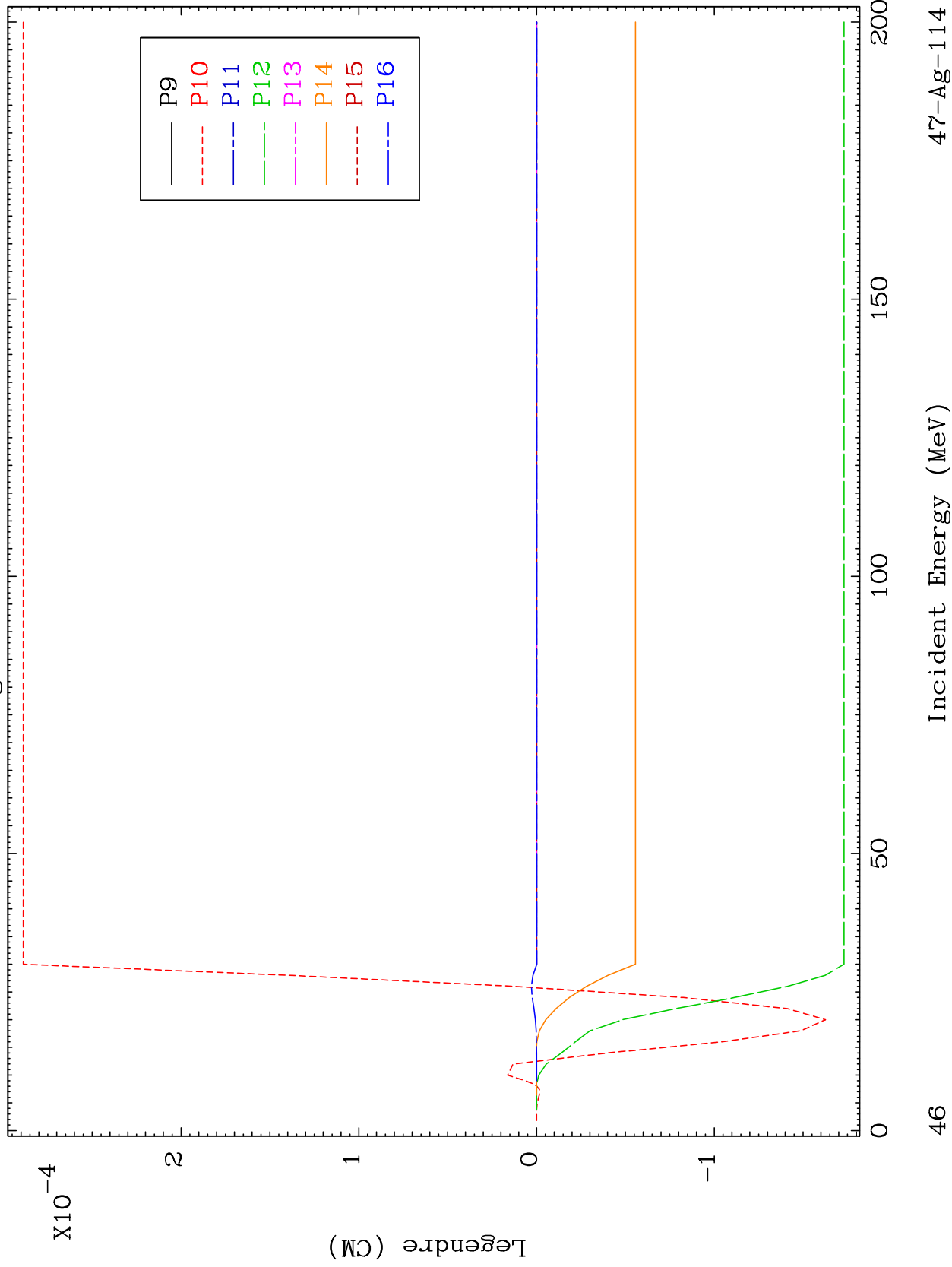
Incident Energy (MeV)

45

MAT 4746

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

47-Ag-114



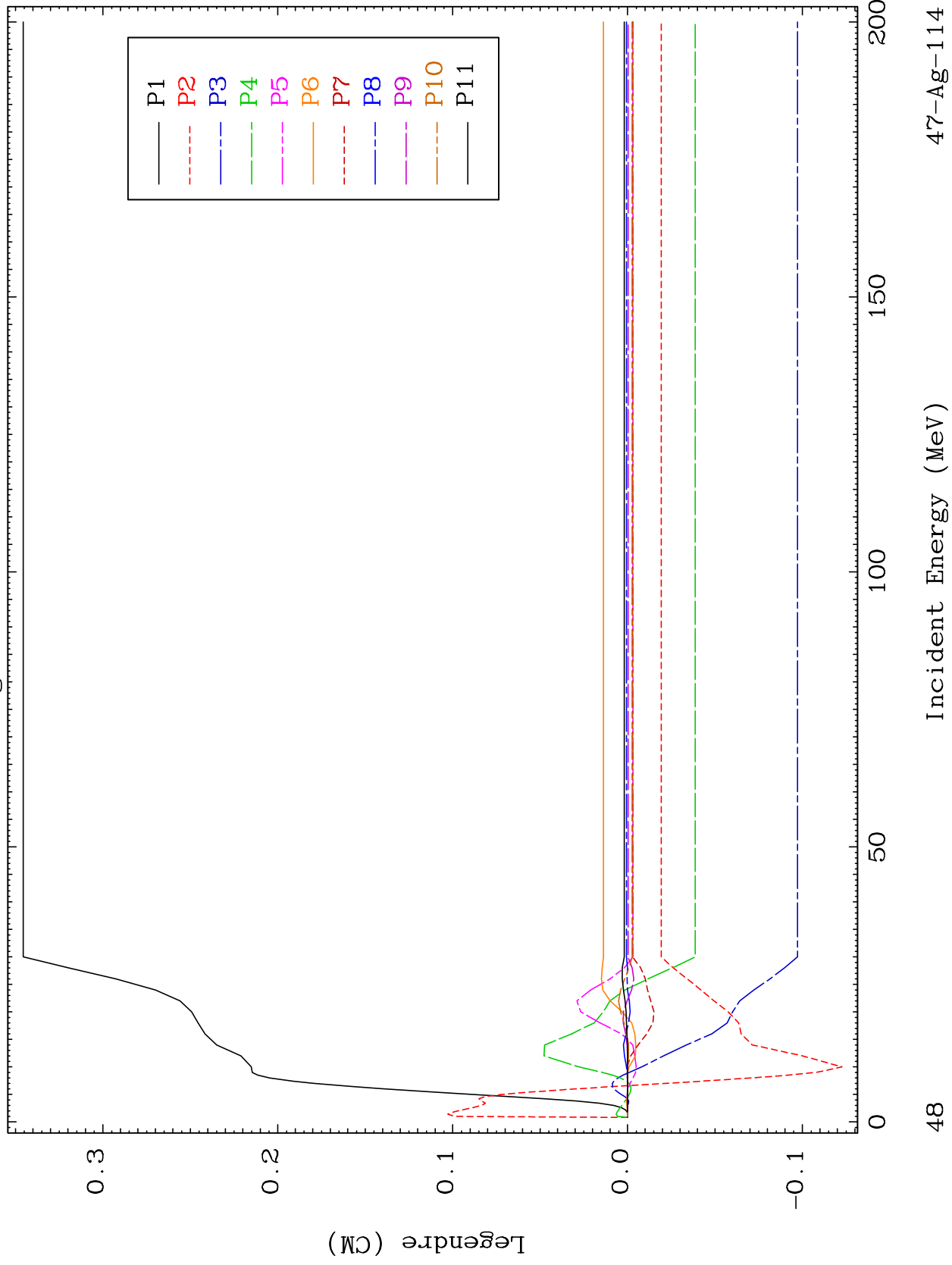




MAT 4746

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

47-Ag-114



47-Ag-114

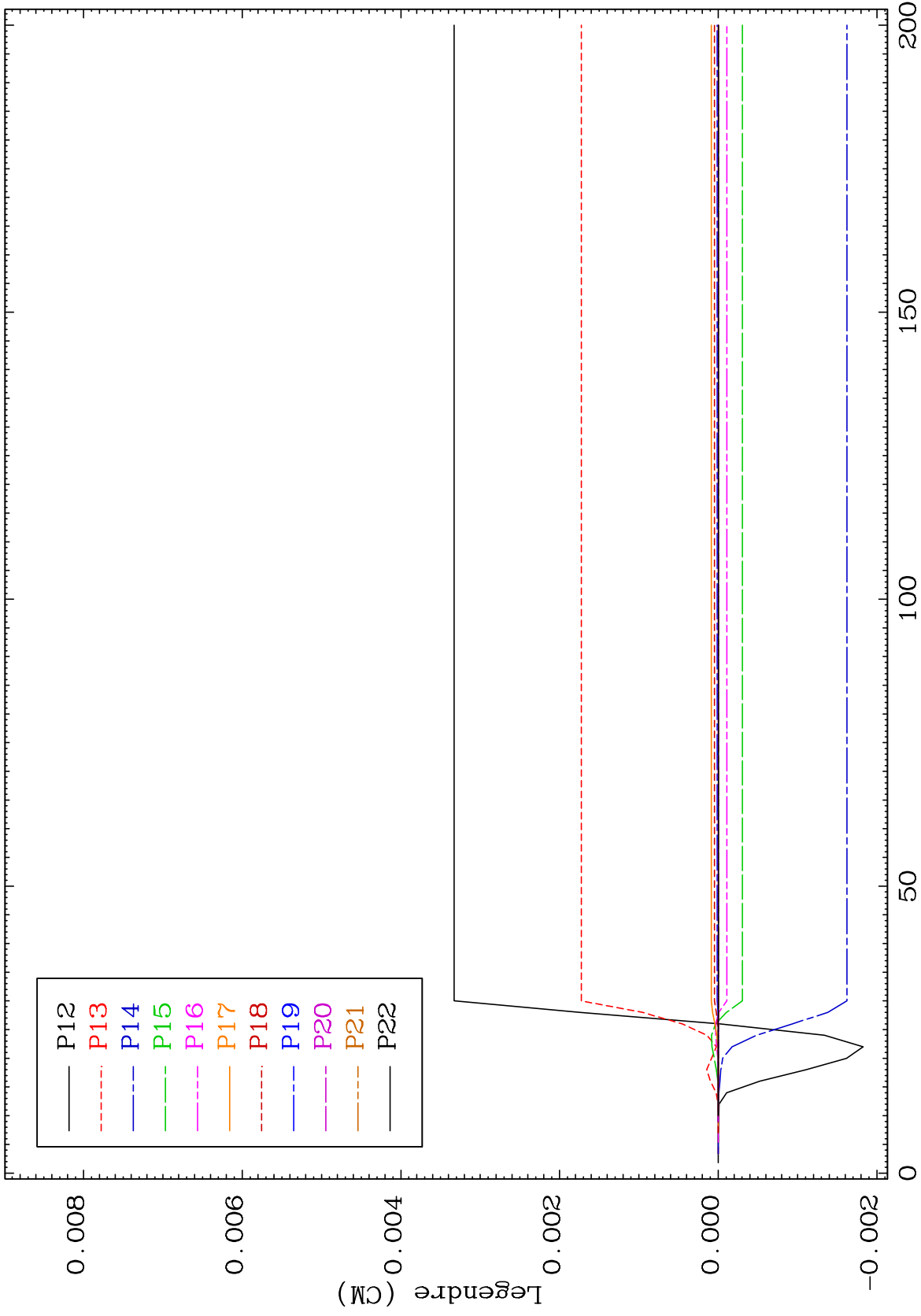
Incident Energy (MeV)

48

MAT 4746

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

47-Ag-114



49

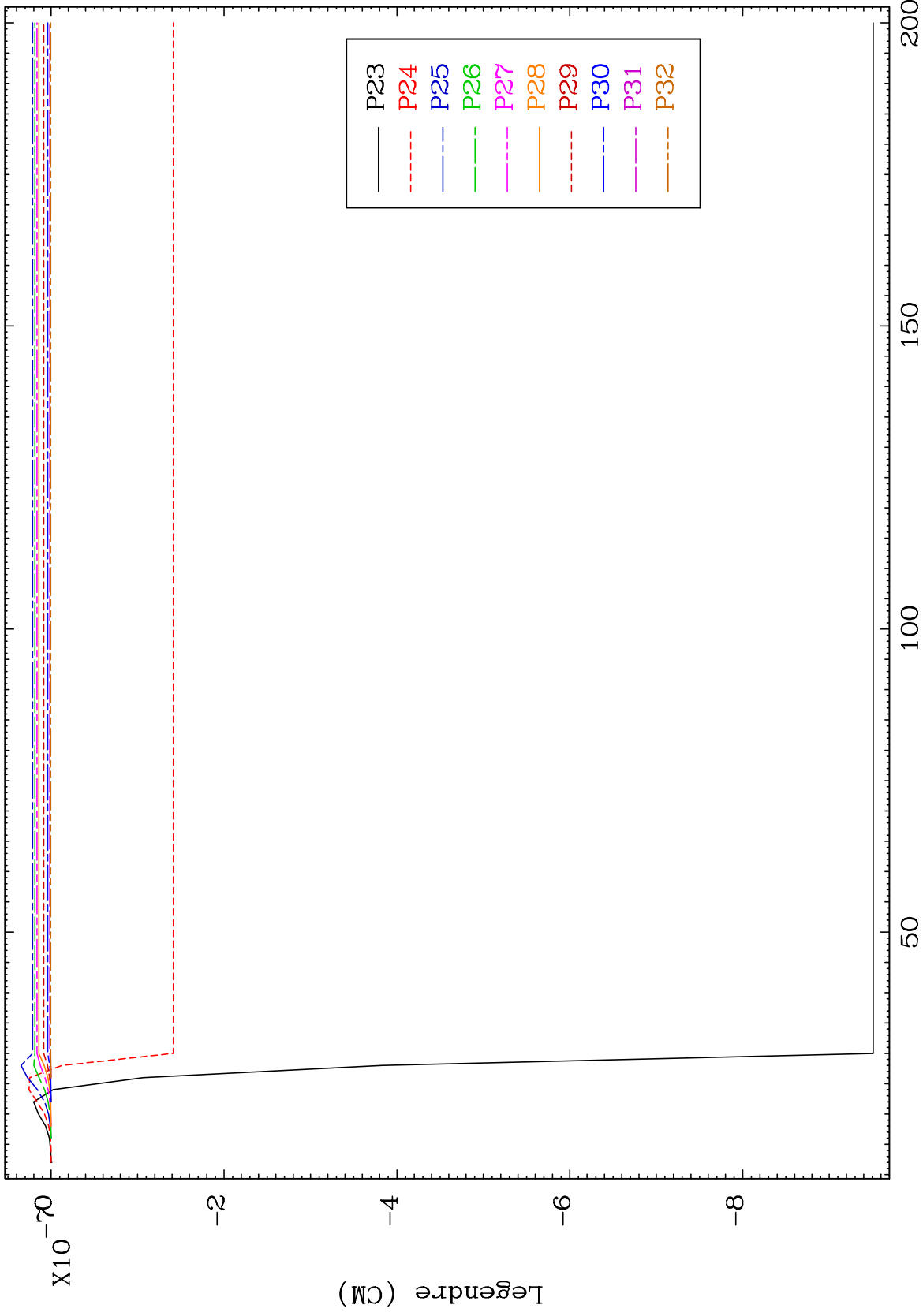
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



50

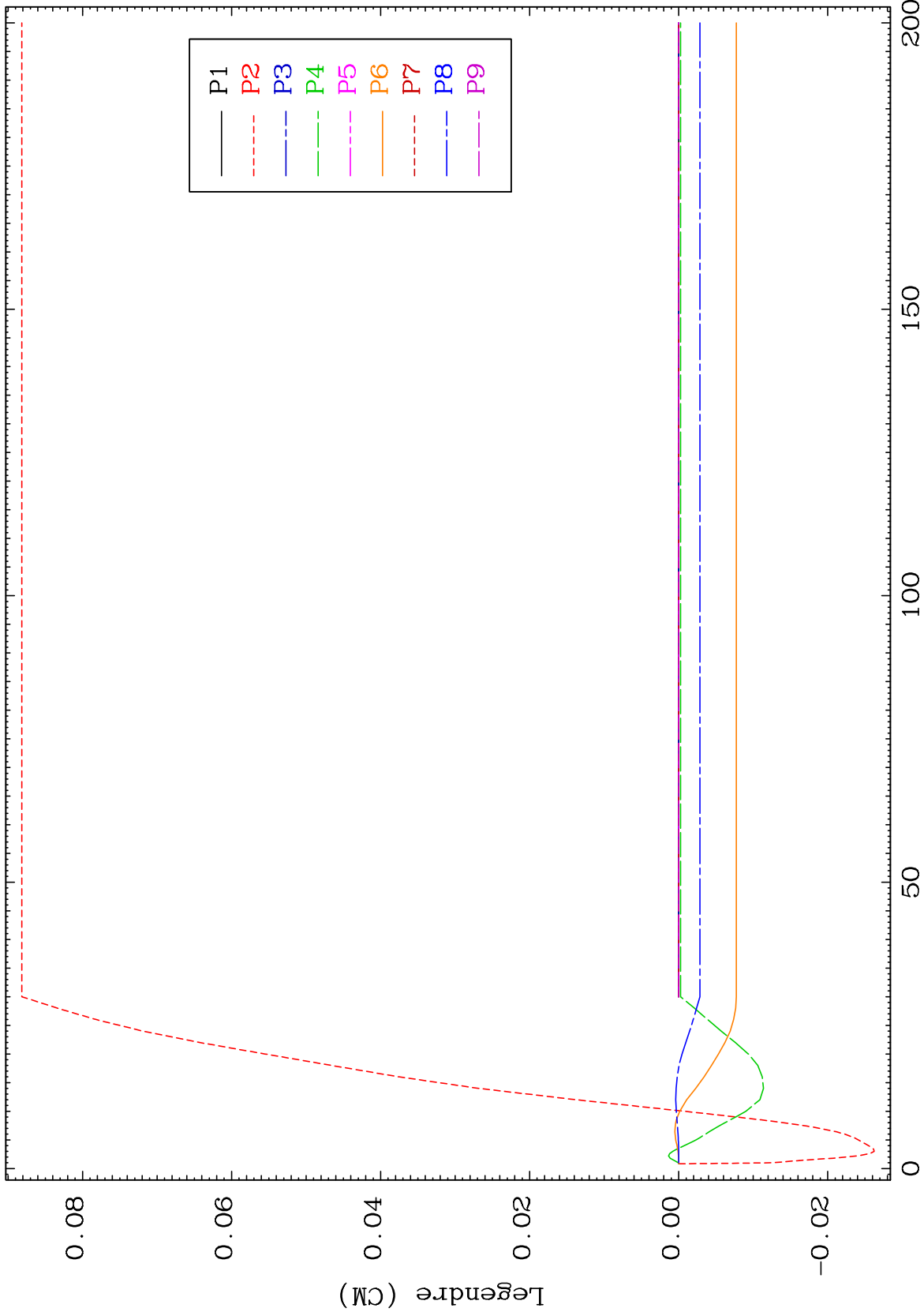
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

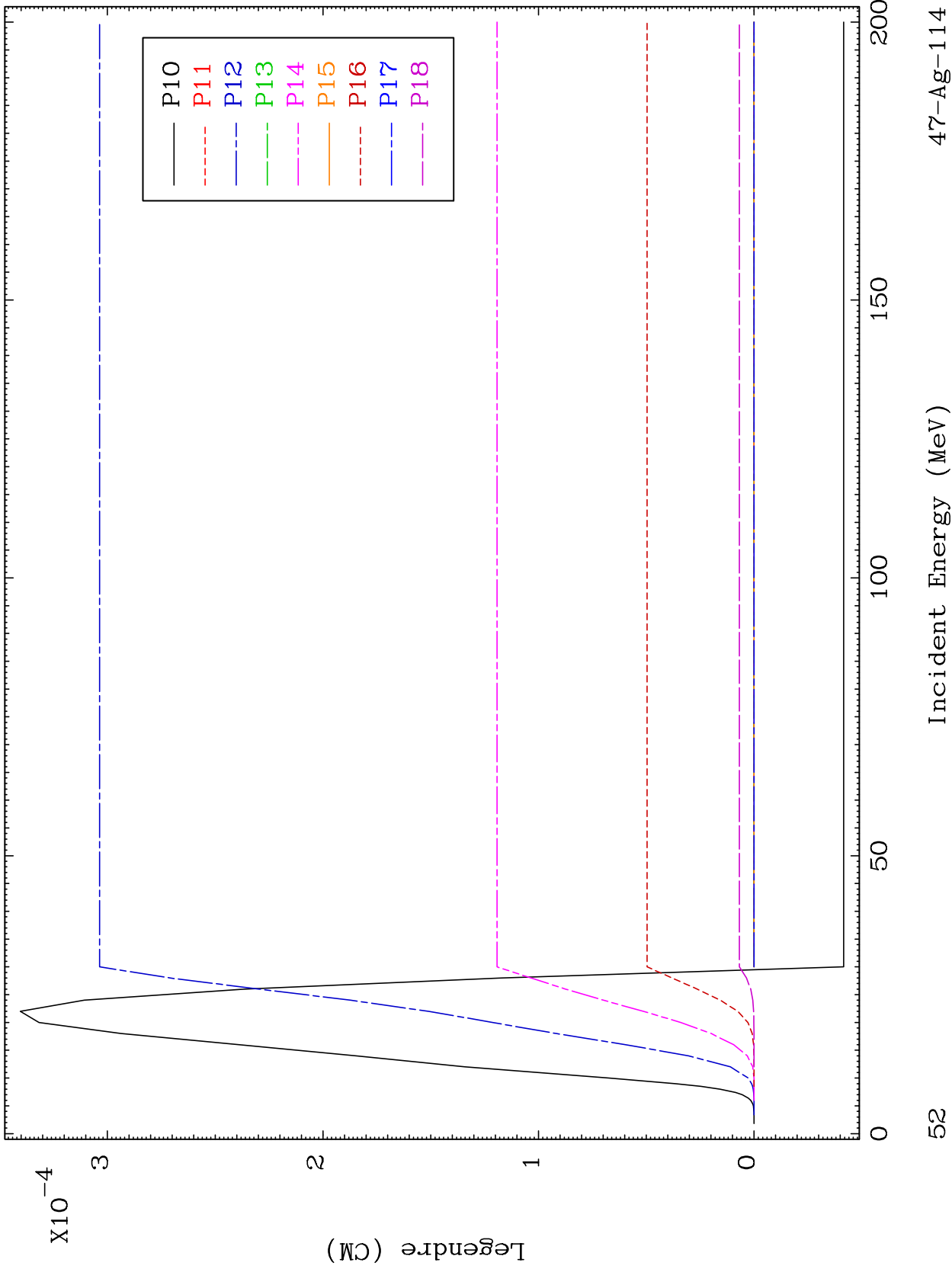
47-Ag-114



51

Incident Energy (MeV)

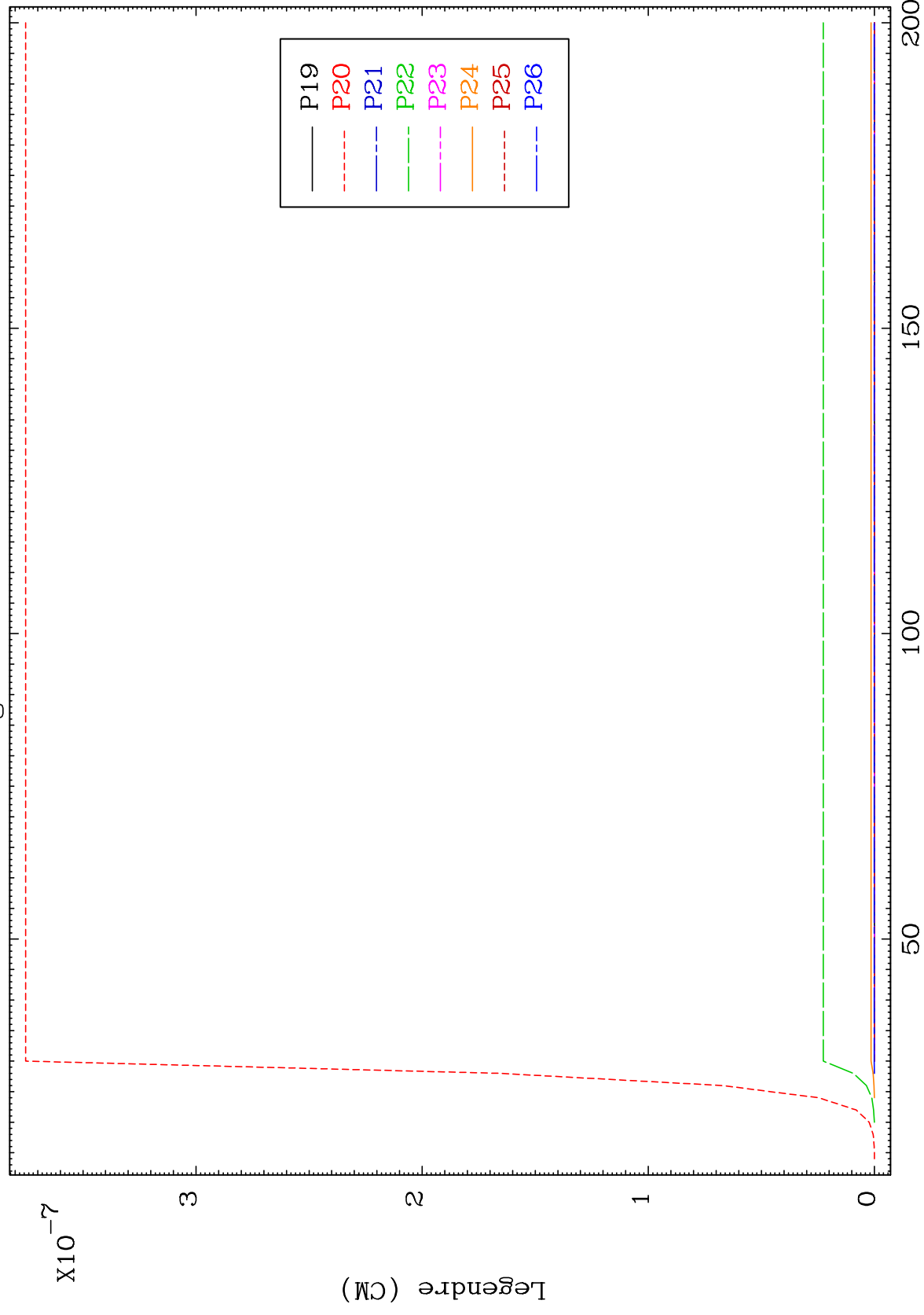
47-Ag-114



MAT 4746

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

47-Ag-114



53

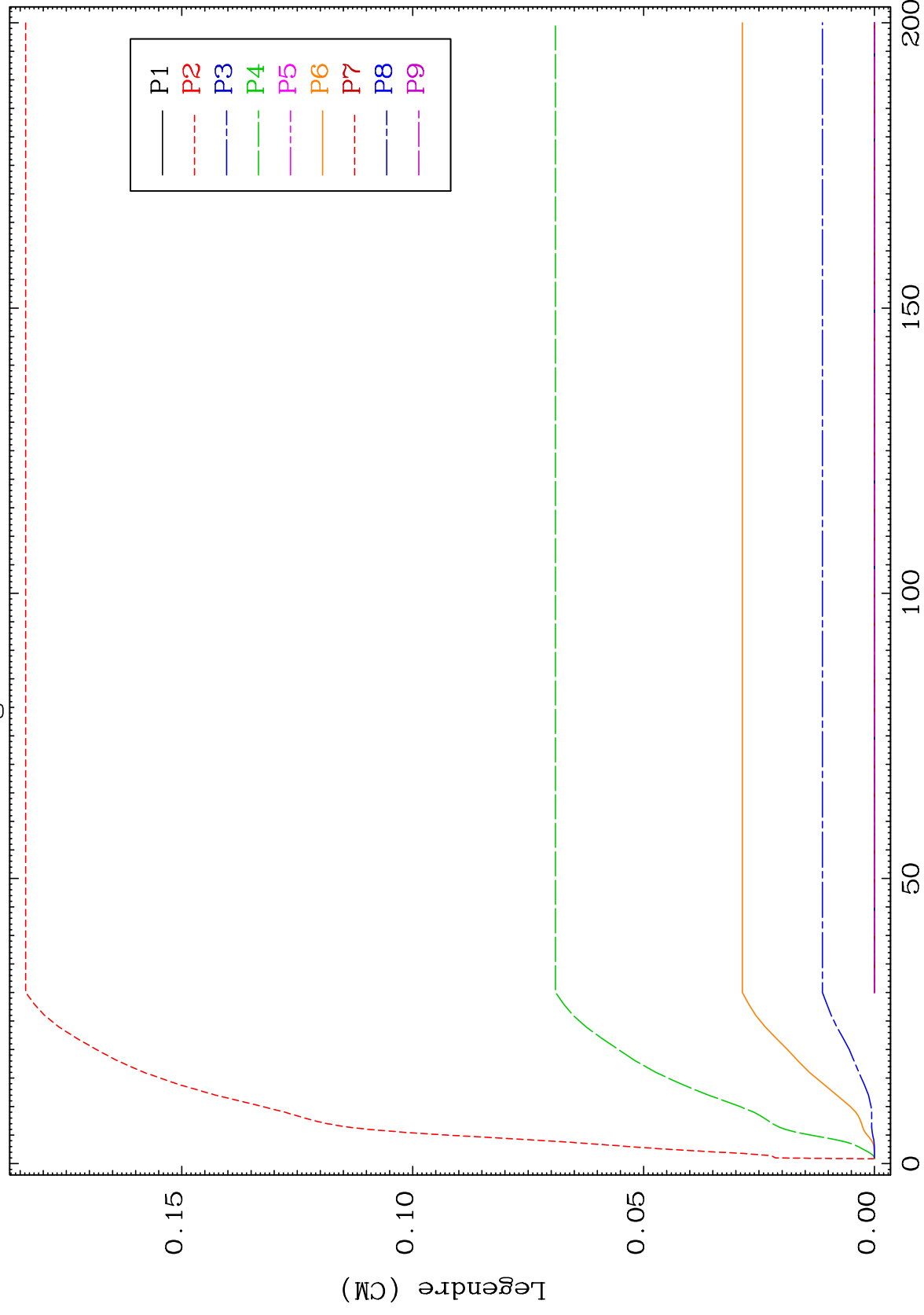
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



54

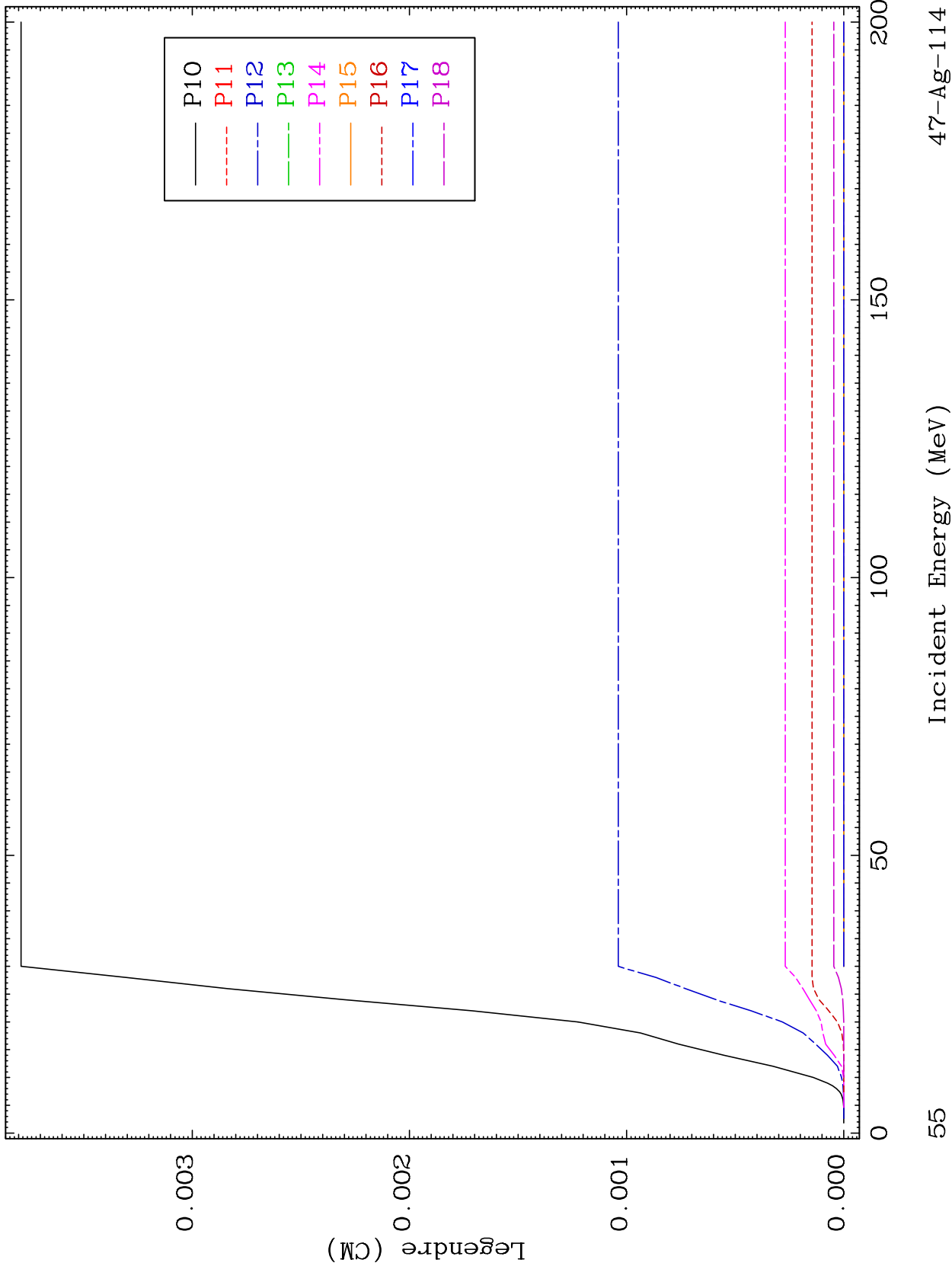
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



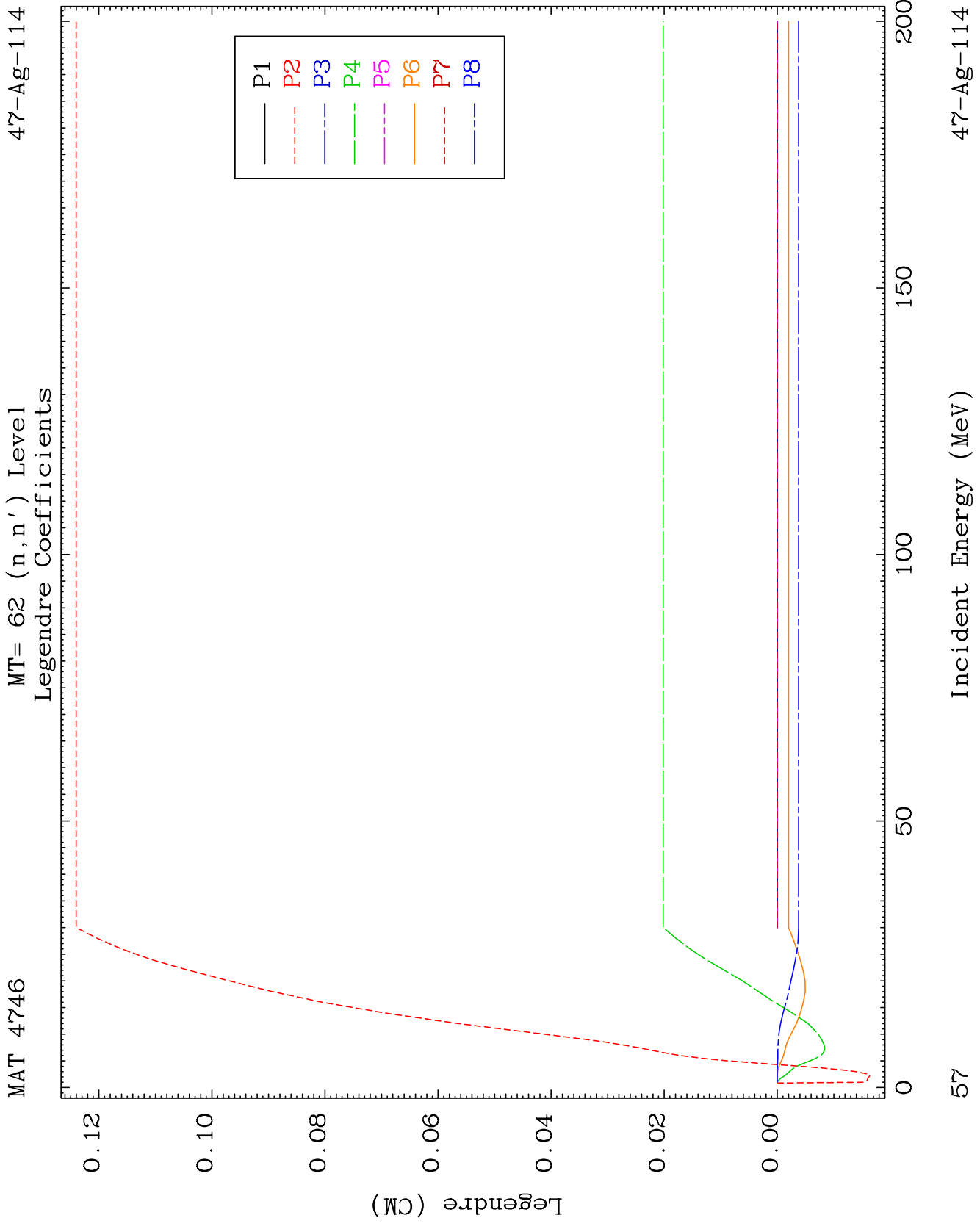
47-Ag-114

Incident Energy (MeV)

55



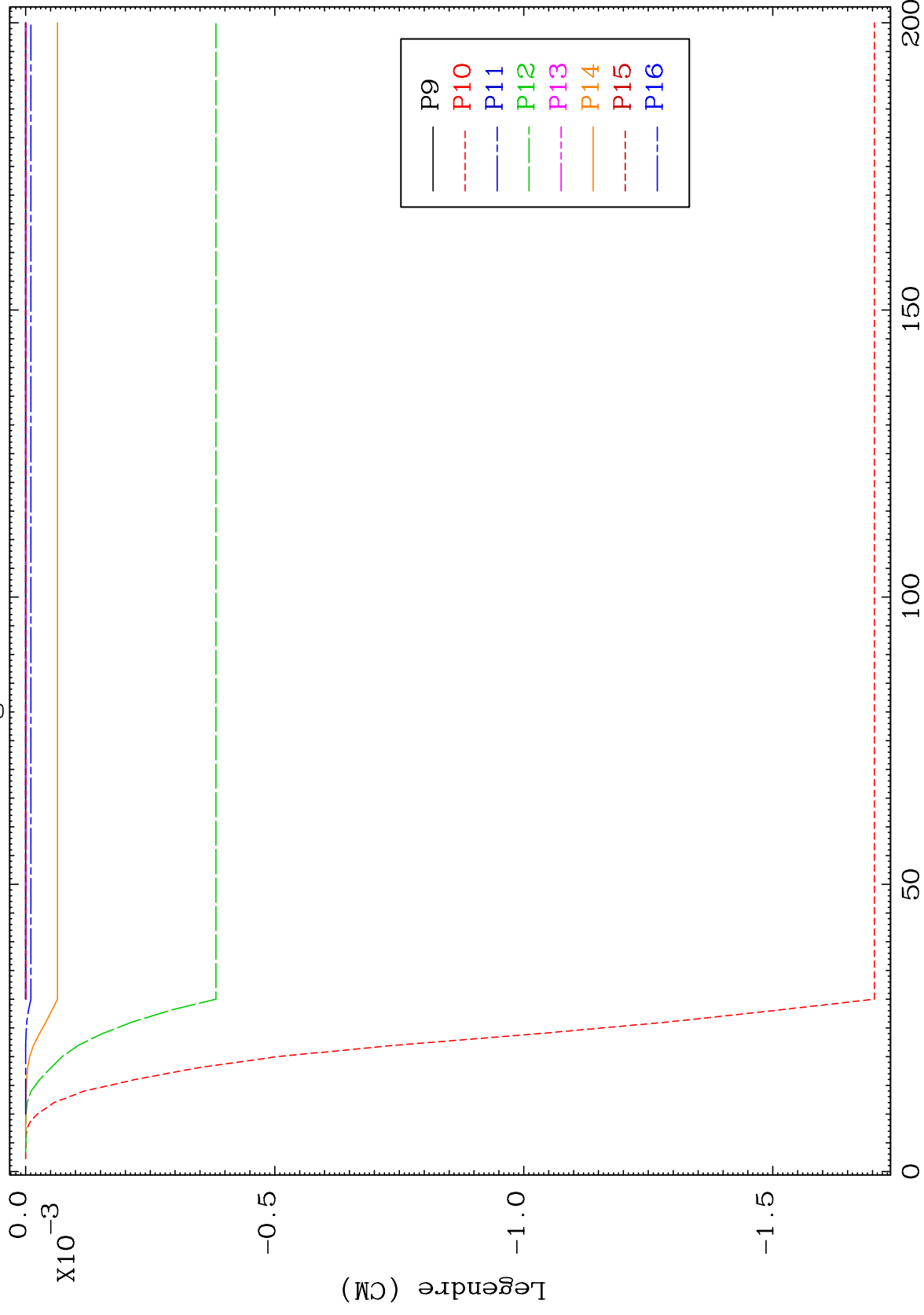




MAT 4746

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

47-Ag-114



58

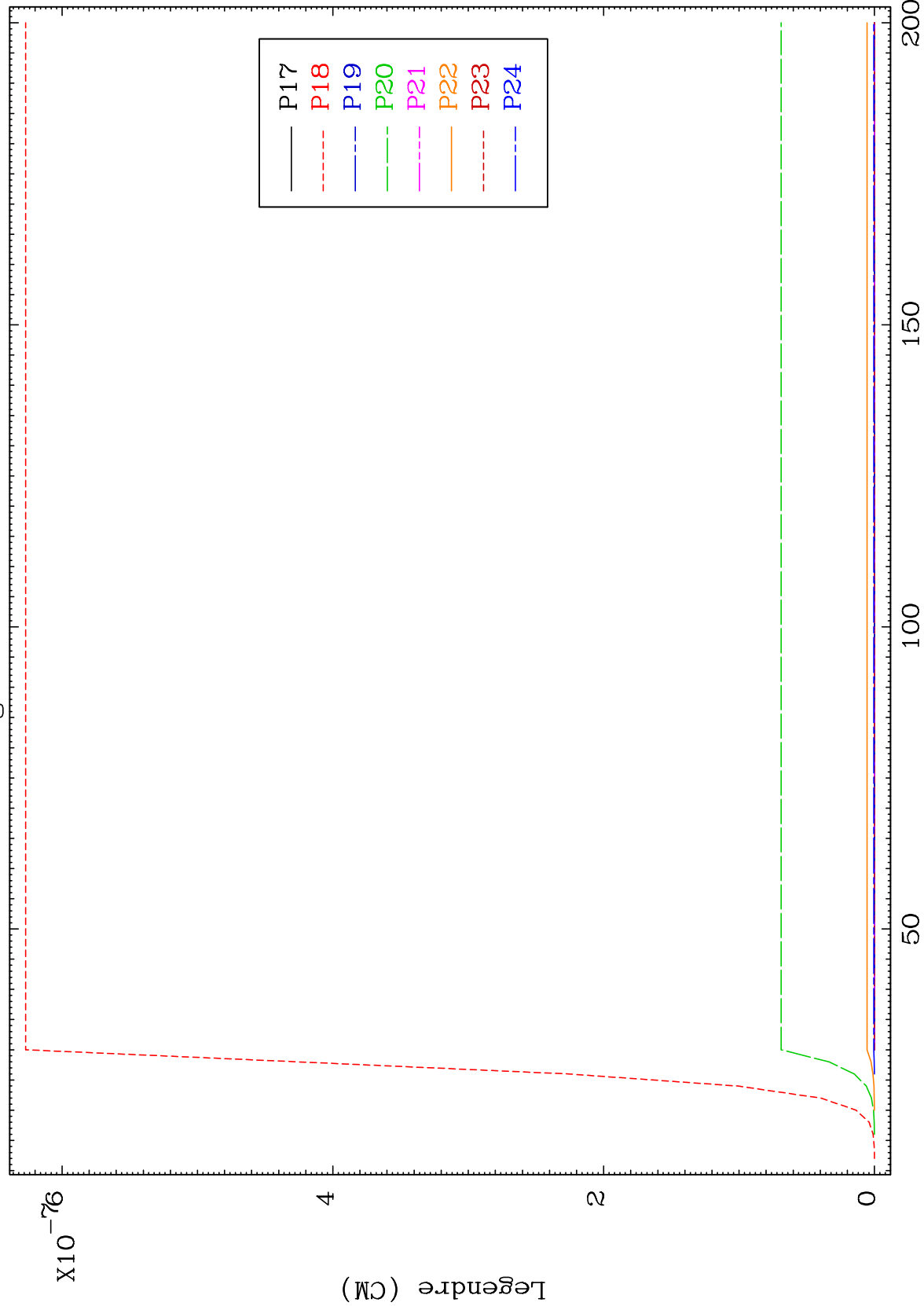
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



59

47-Ag-114

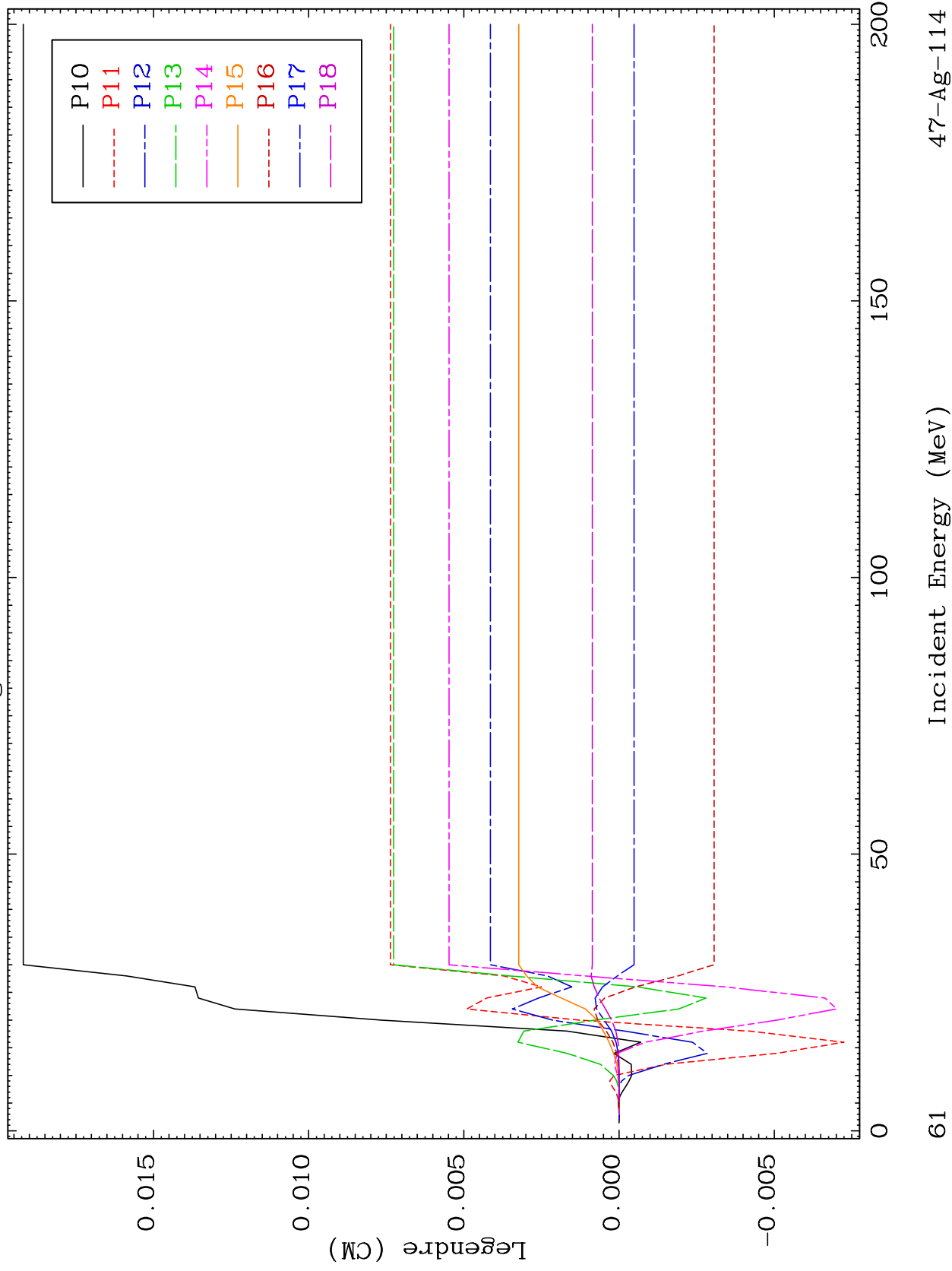
47-Ag-114



MAT 4746

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

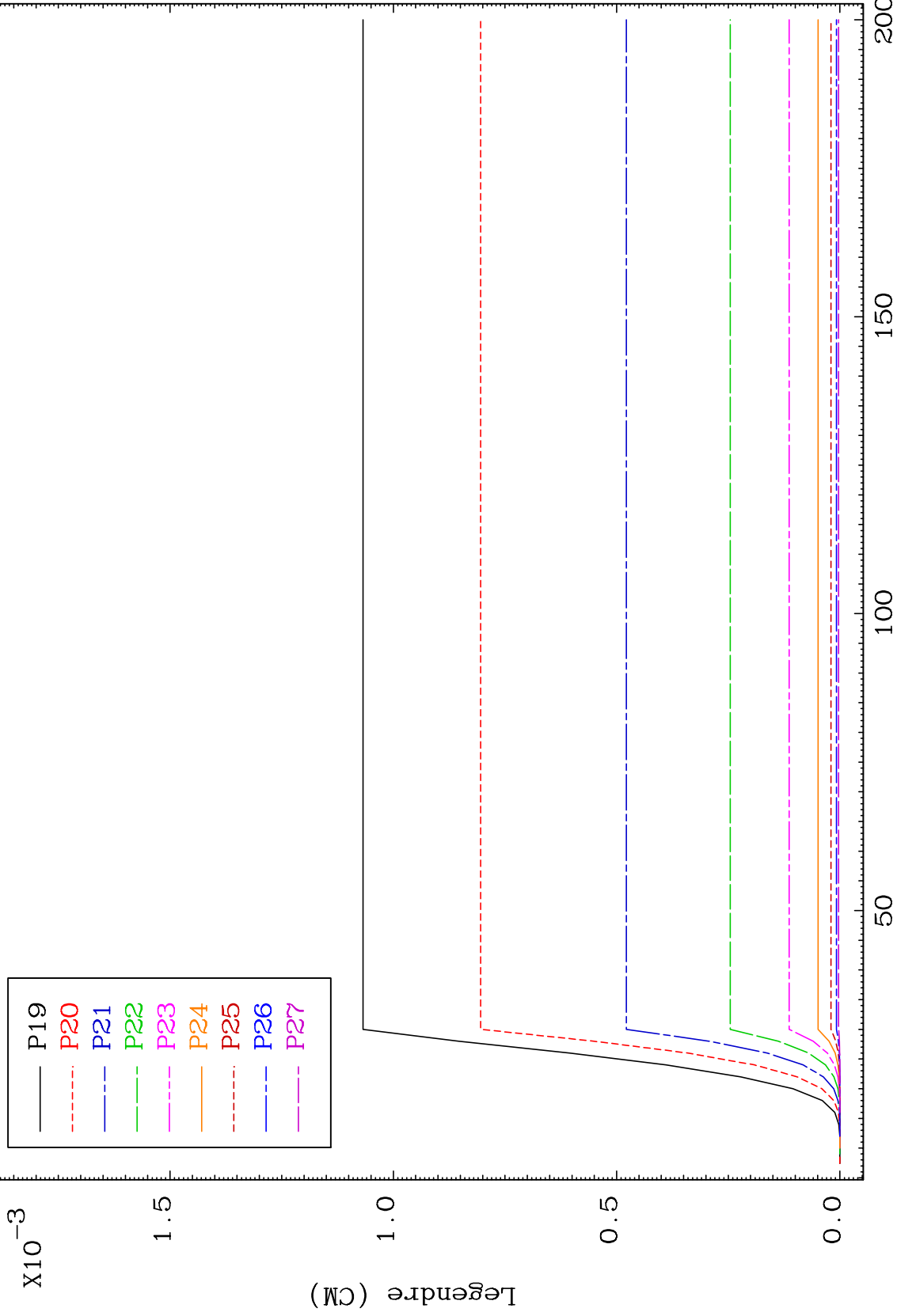
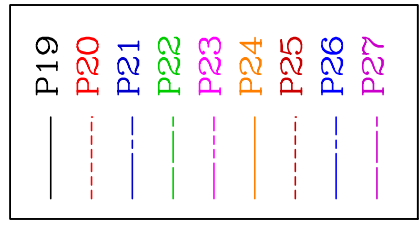
47-Ag-114



MAT 4746

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

47-Ag-114



62

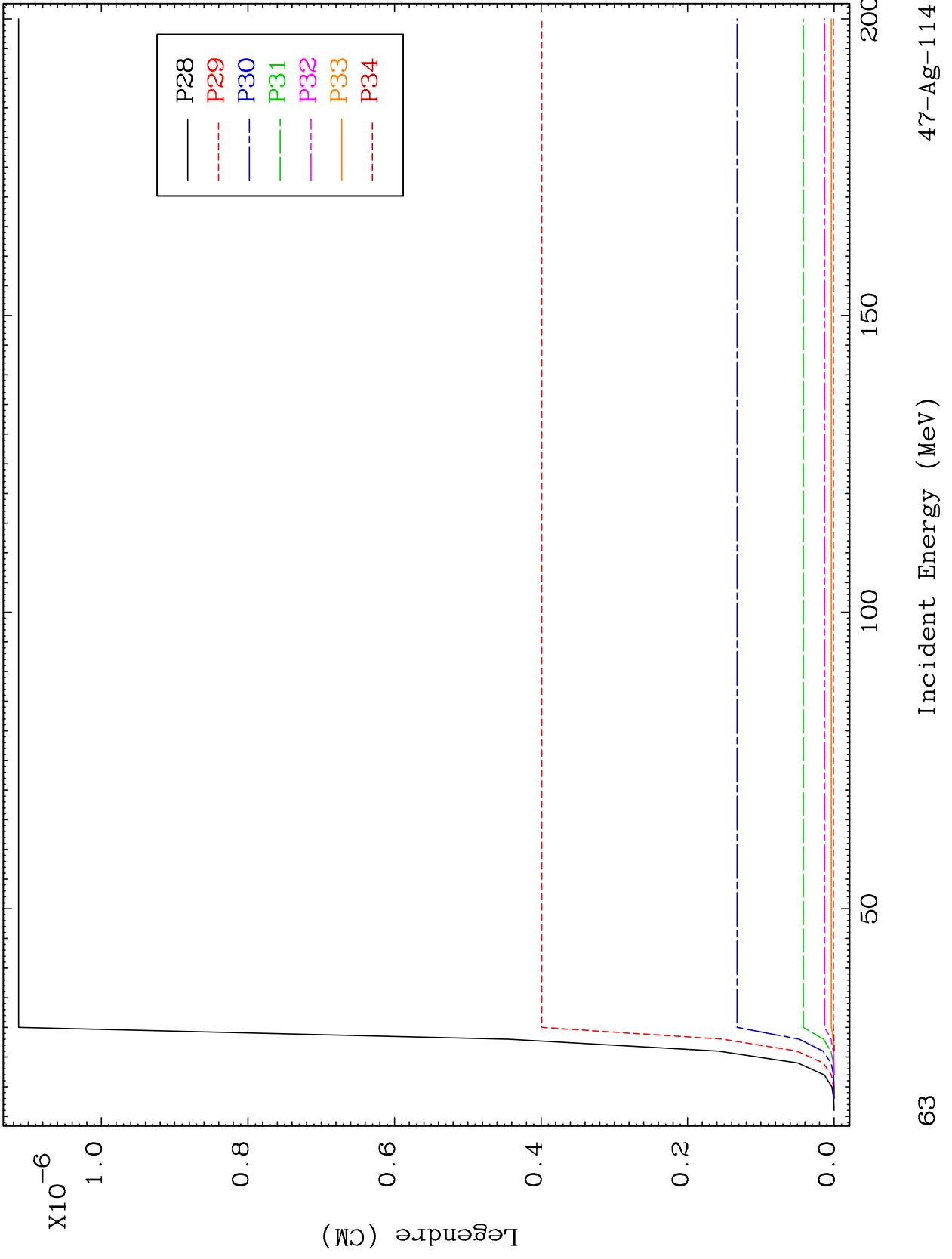
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114

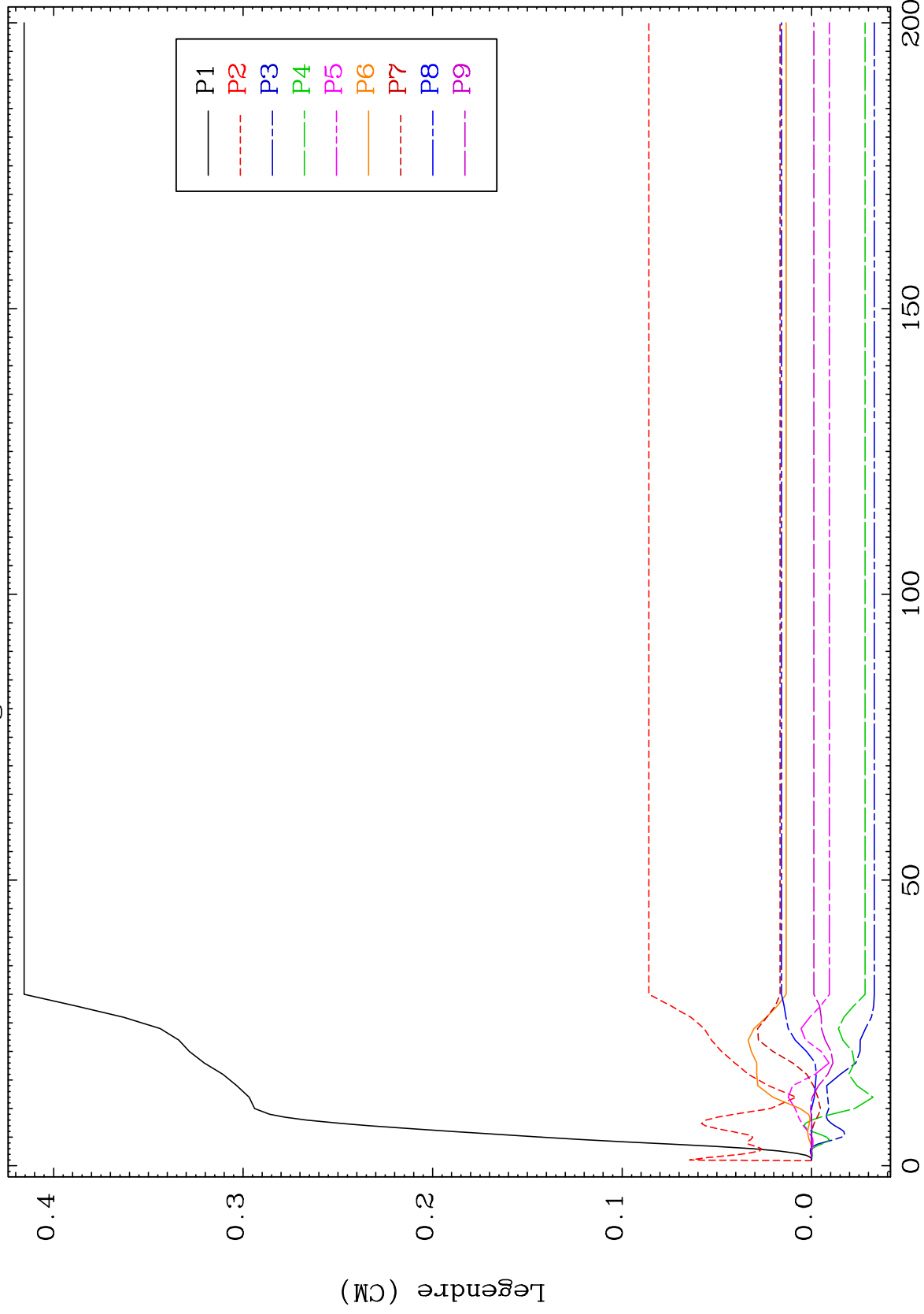




MAT 4746

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

47-Ag-114



64

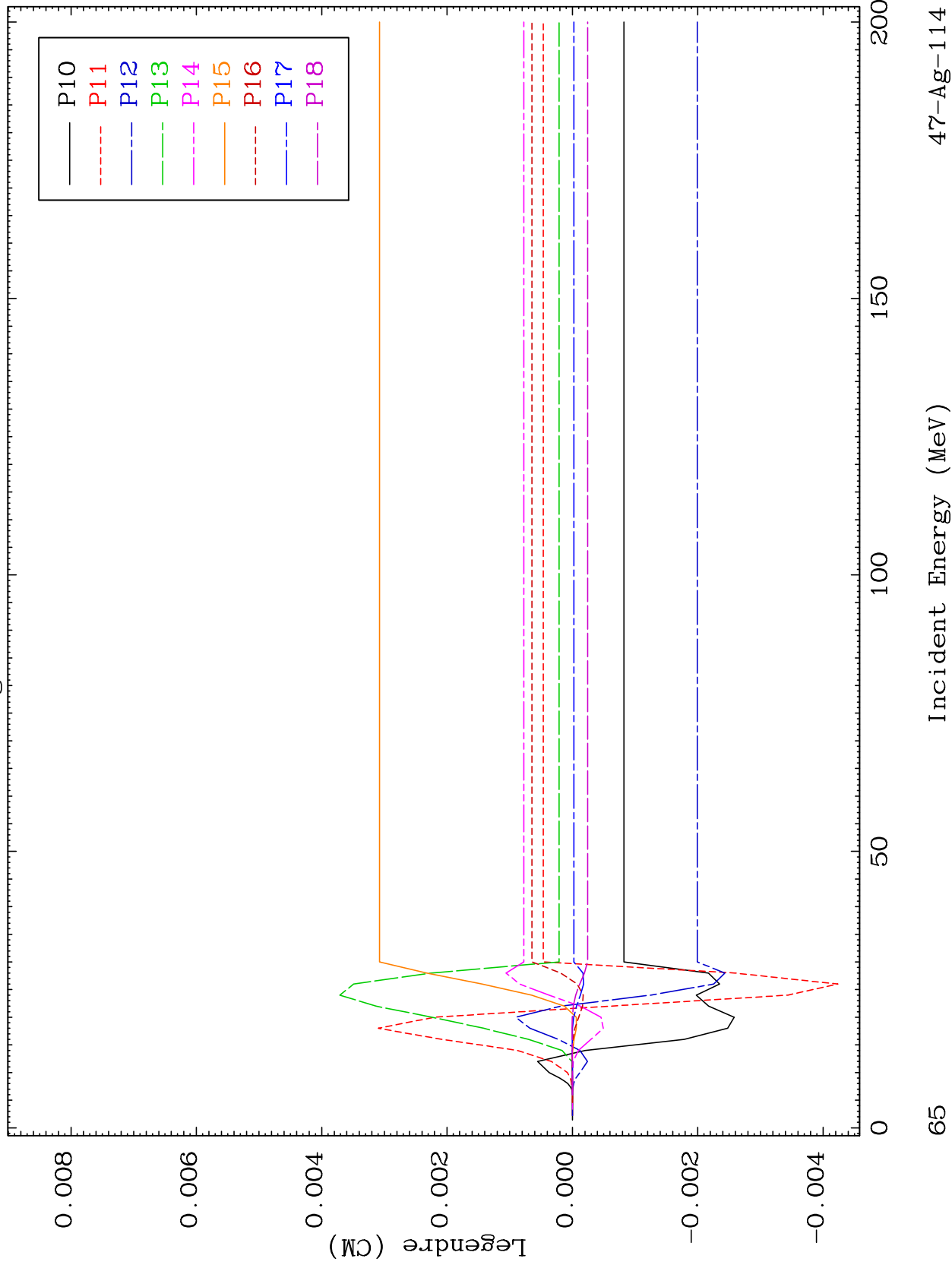
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114

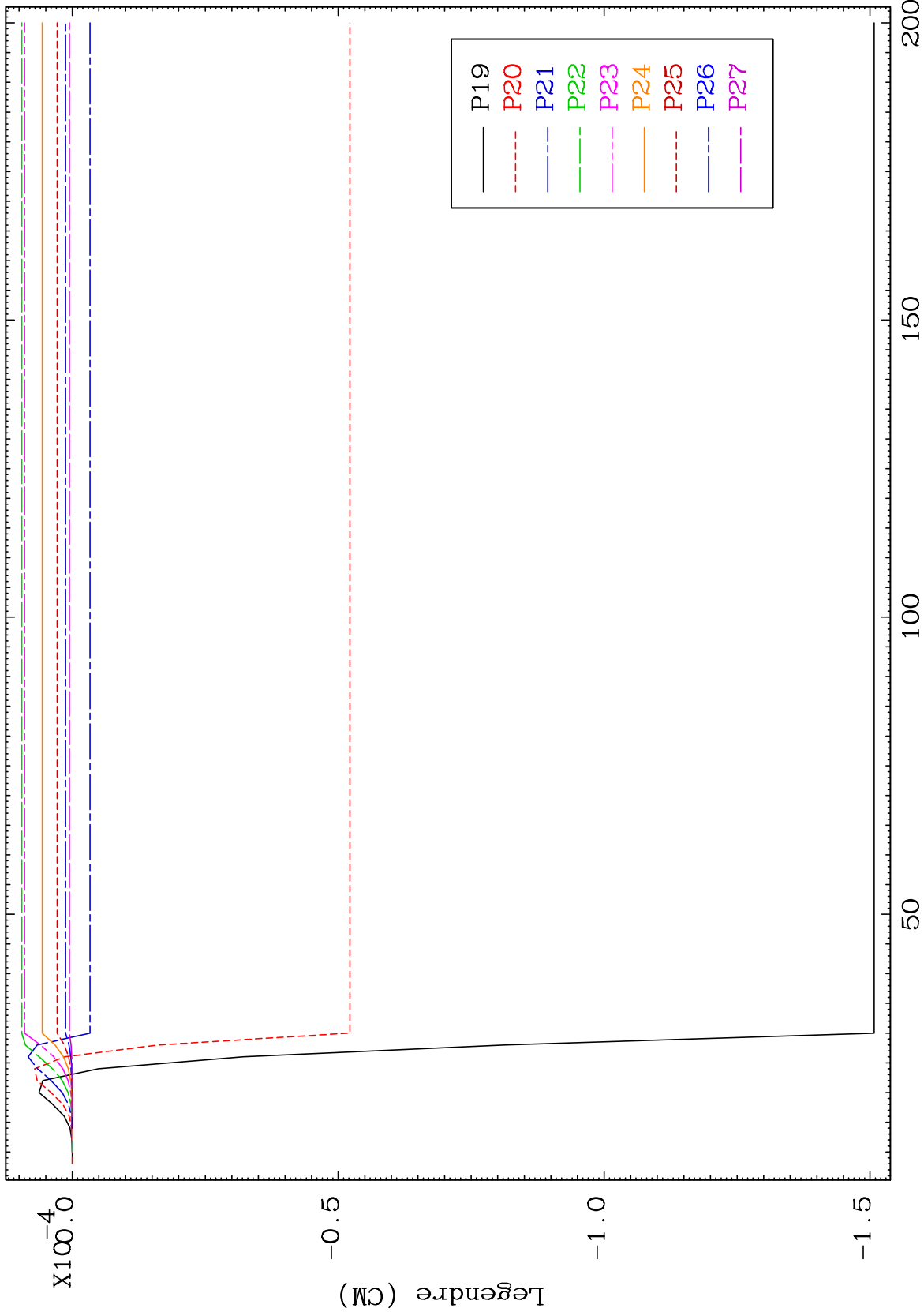


MAT 4746

MT= 64 (n,n') Level

47-Ag-114

Legendre Coefficients



66

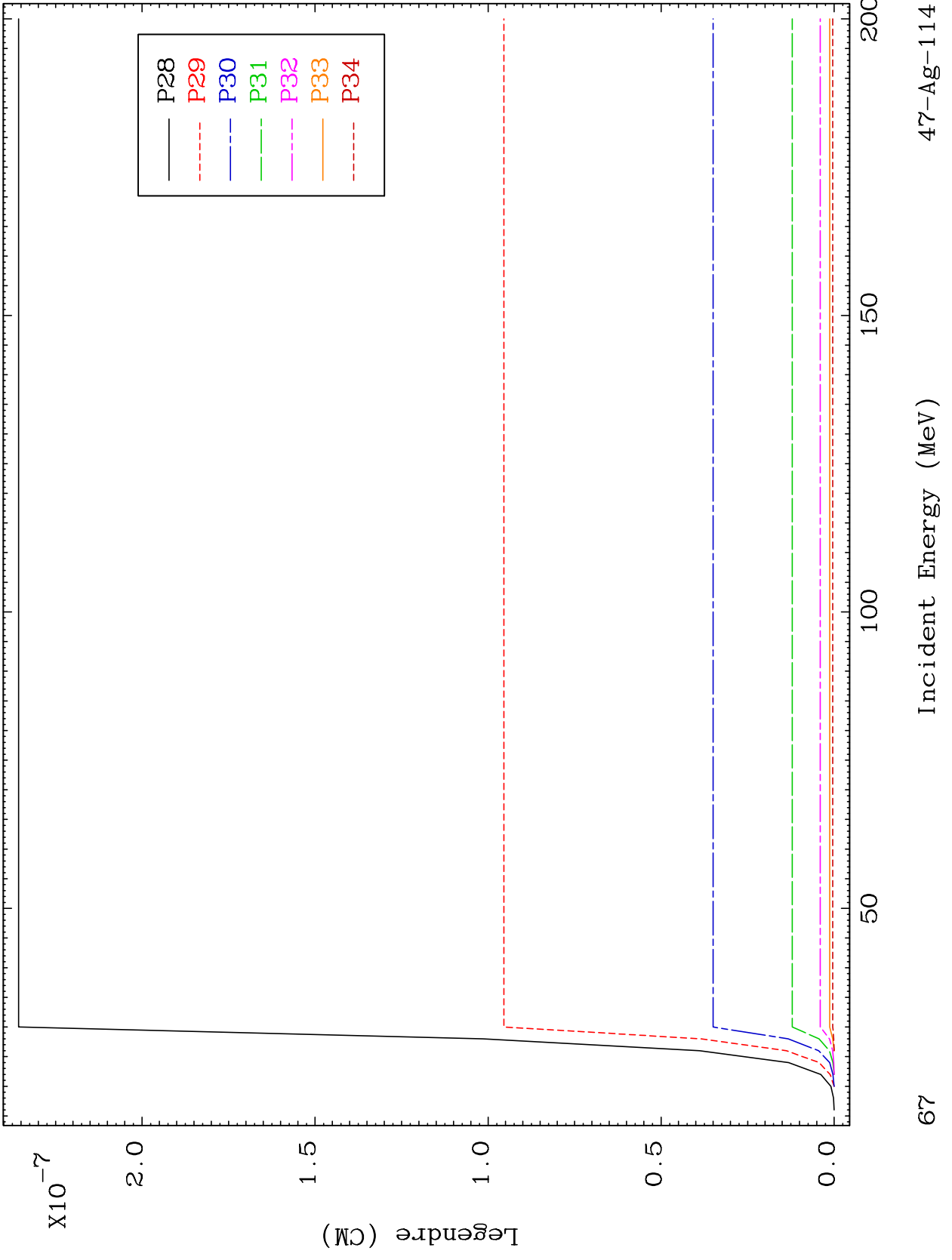
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

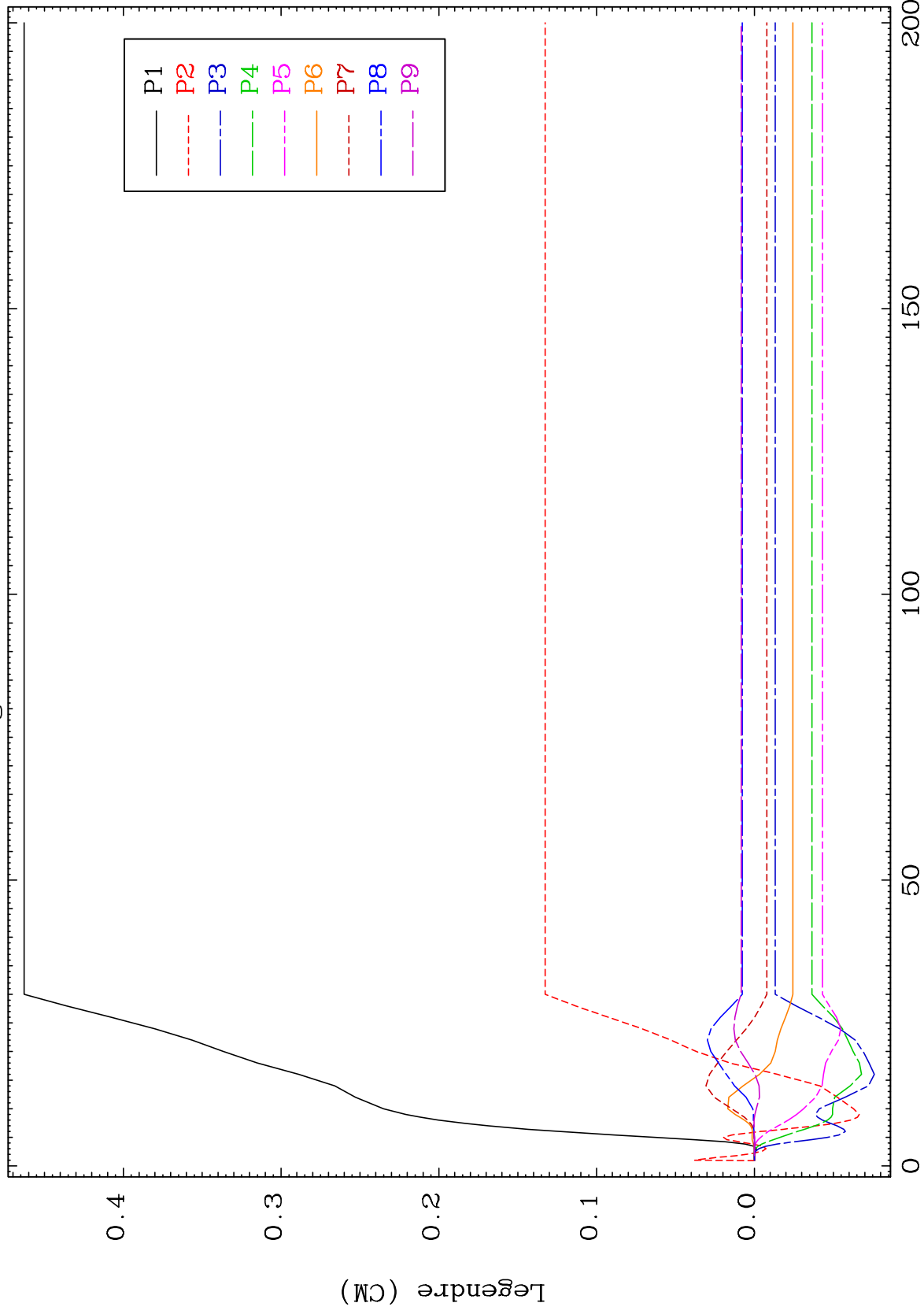
47-Ag-114



MAT 4746

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

47-Ag-114



68

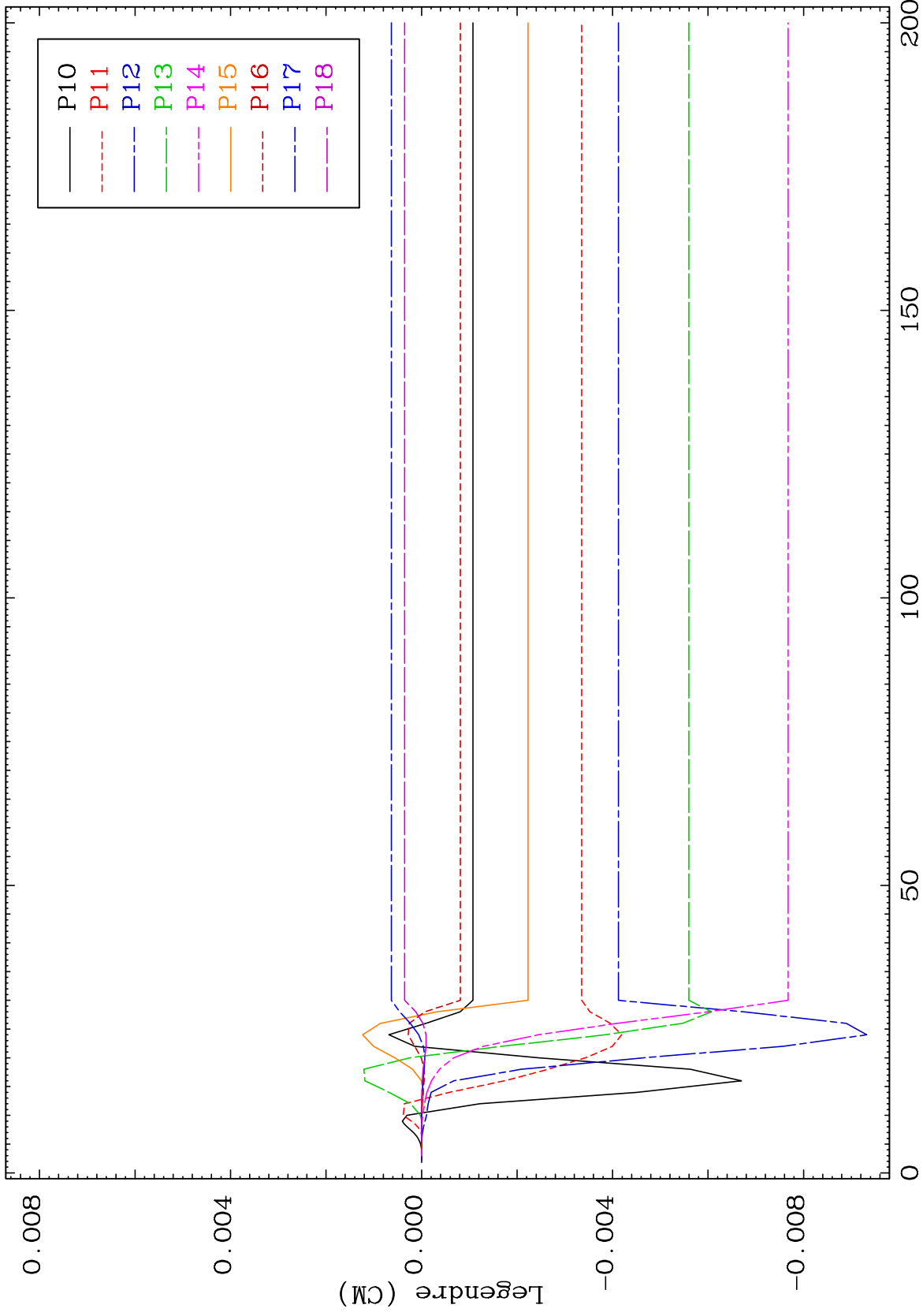
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



69

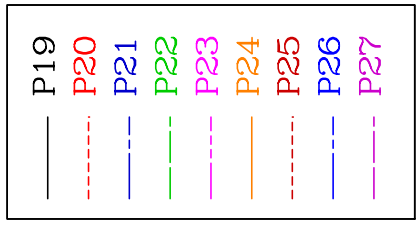
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



$\times 10^{-4}$   
1.0

0.5

Legendre (CM)

0.0

-0.5

-1.0

50

100

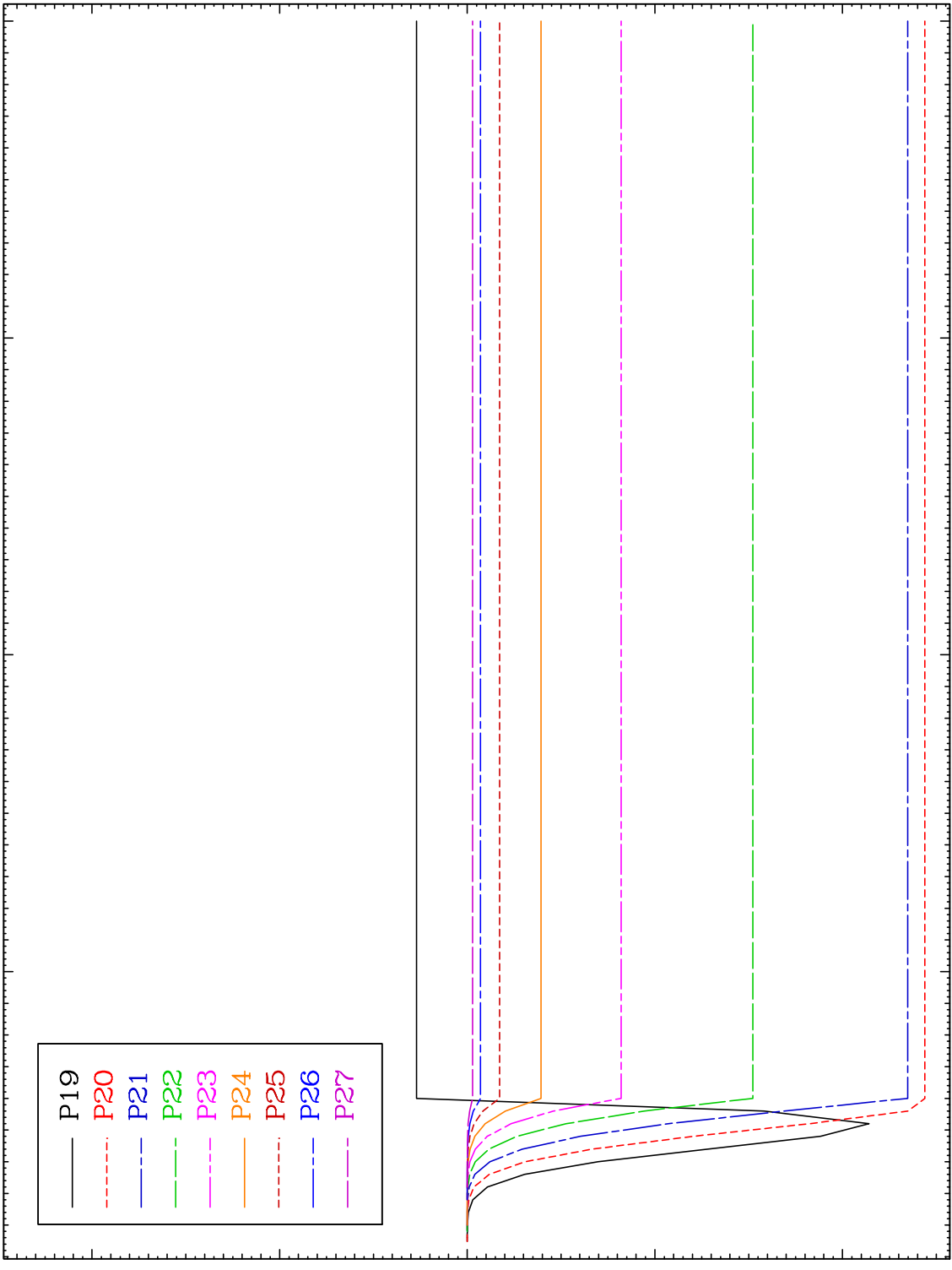
150

200

70

Incident Energy (MeV)

47-Ag-114

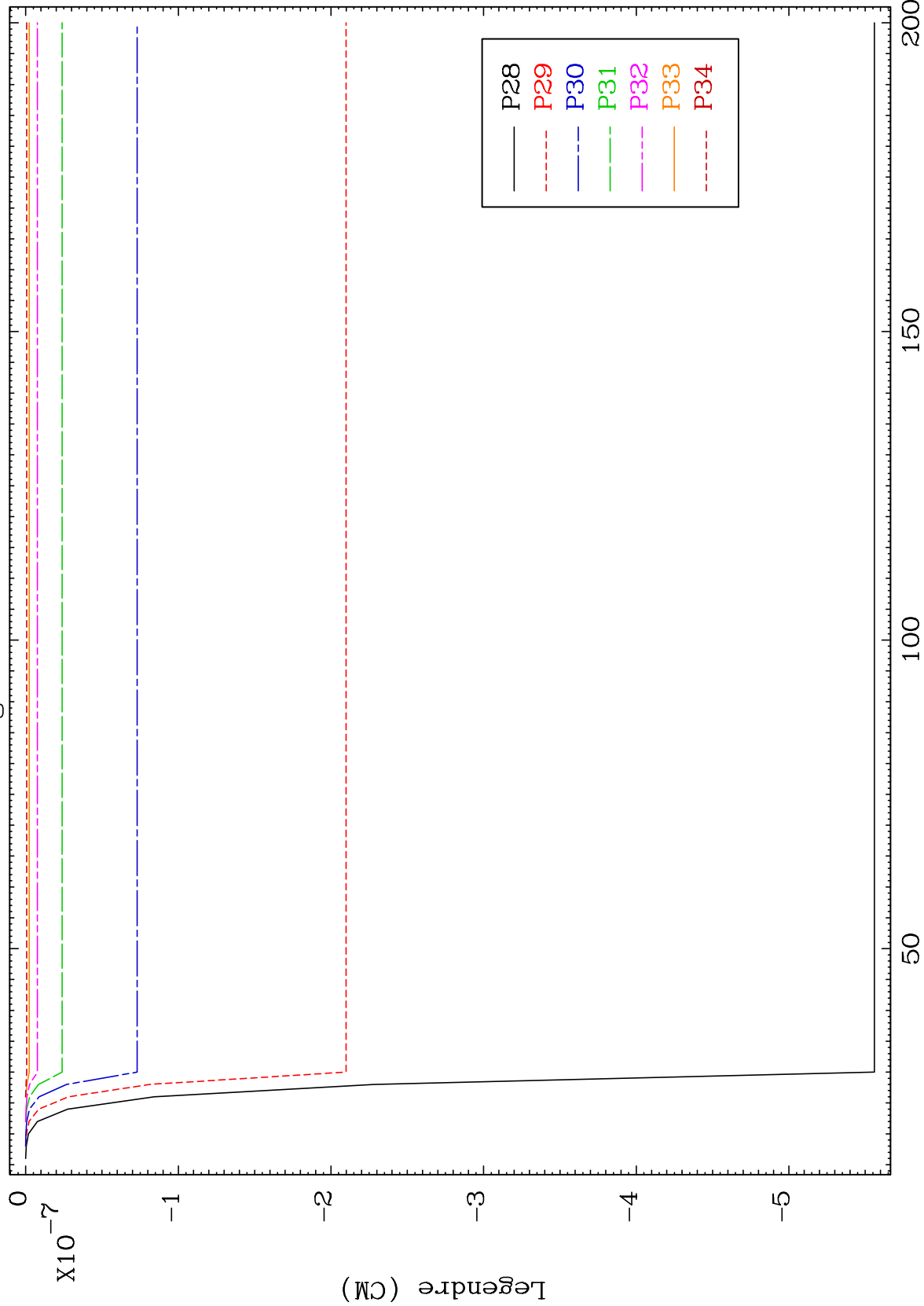


MAT 4746

MT= 65 (n,n') Level

47-Ag-114

Legendre Coefficients

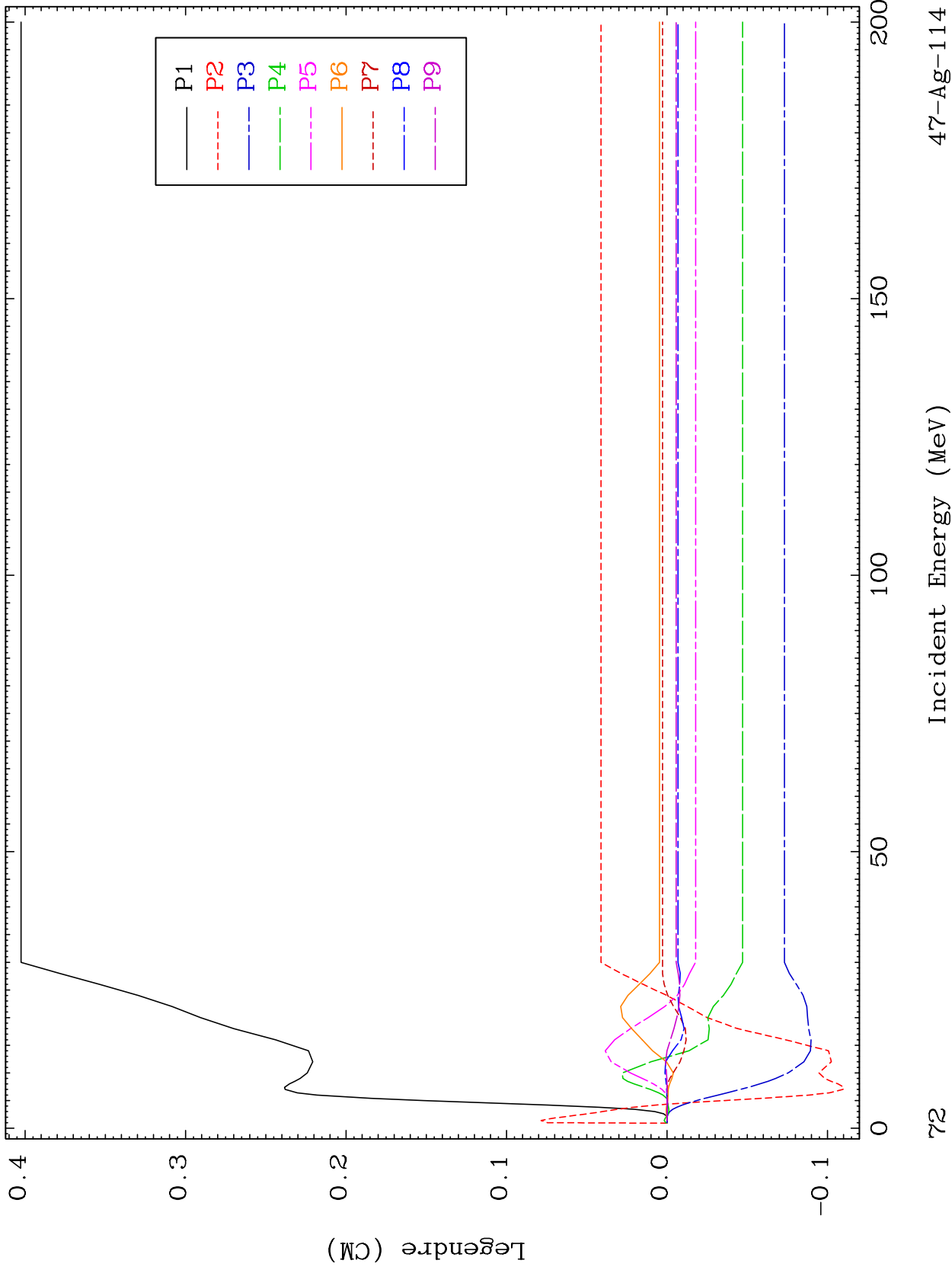


71

Incident Energy (MeV)

47-Ag-114

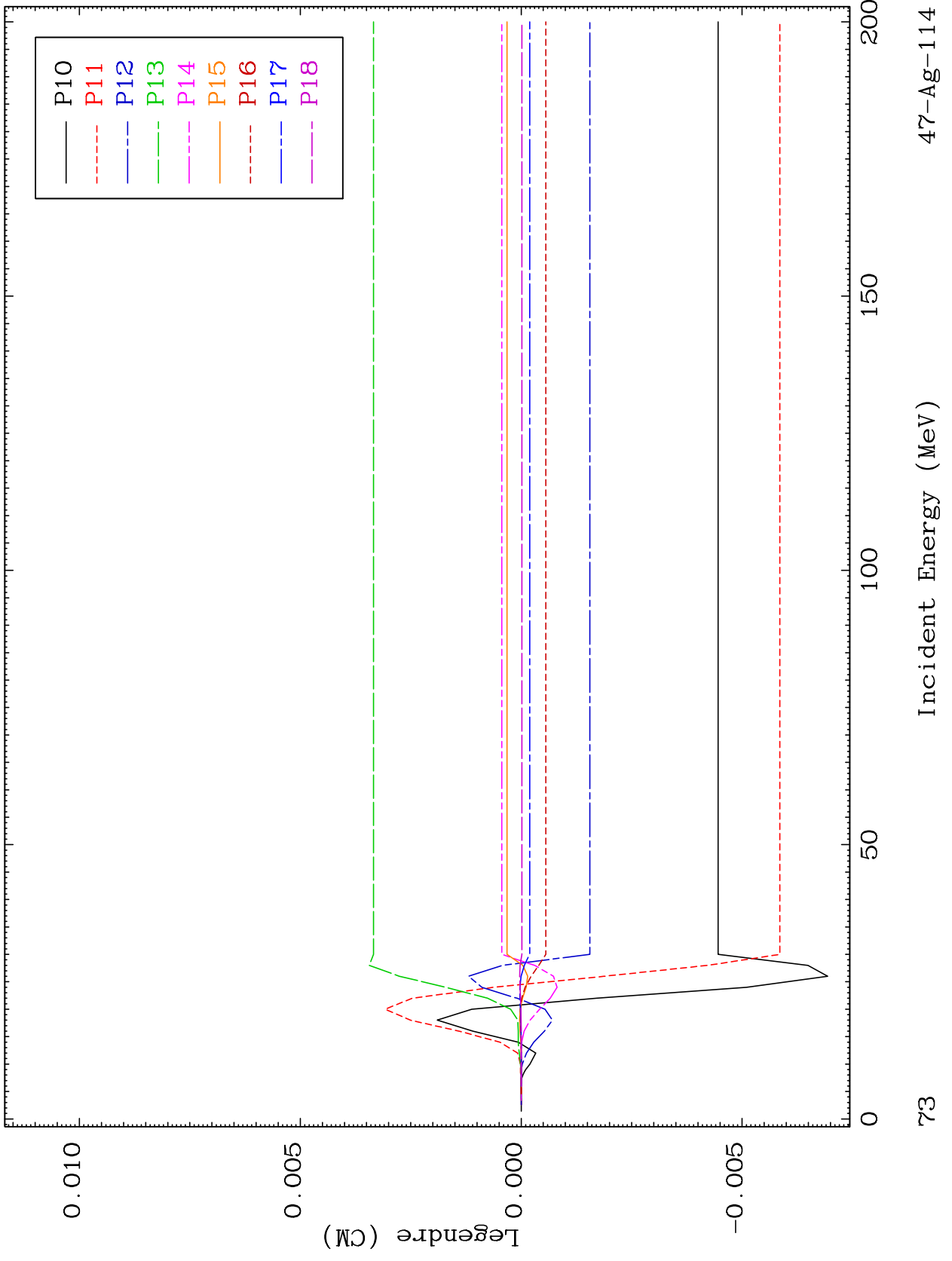




MAT 4746

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

47-Ag-114



73

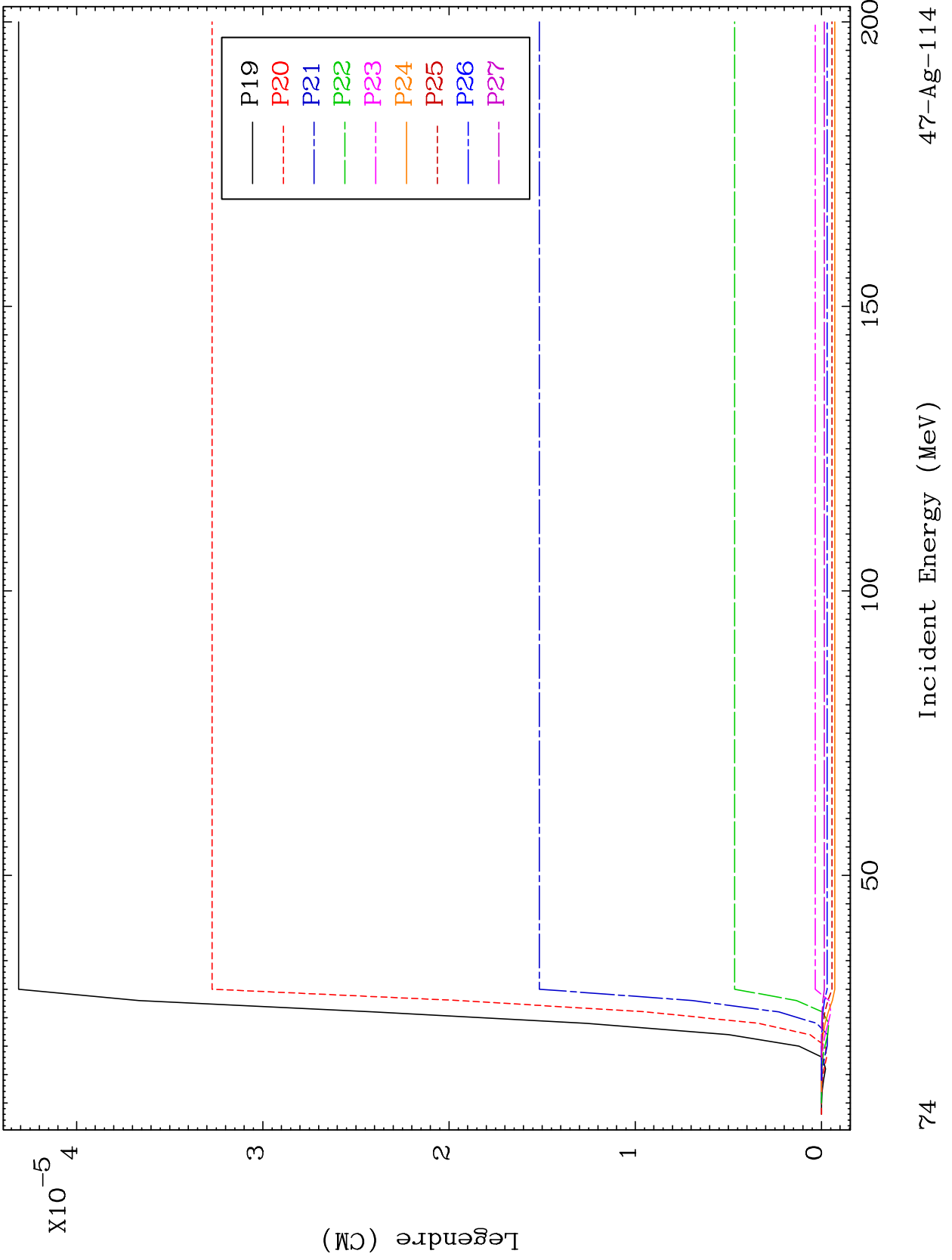
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114

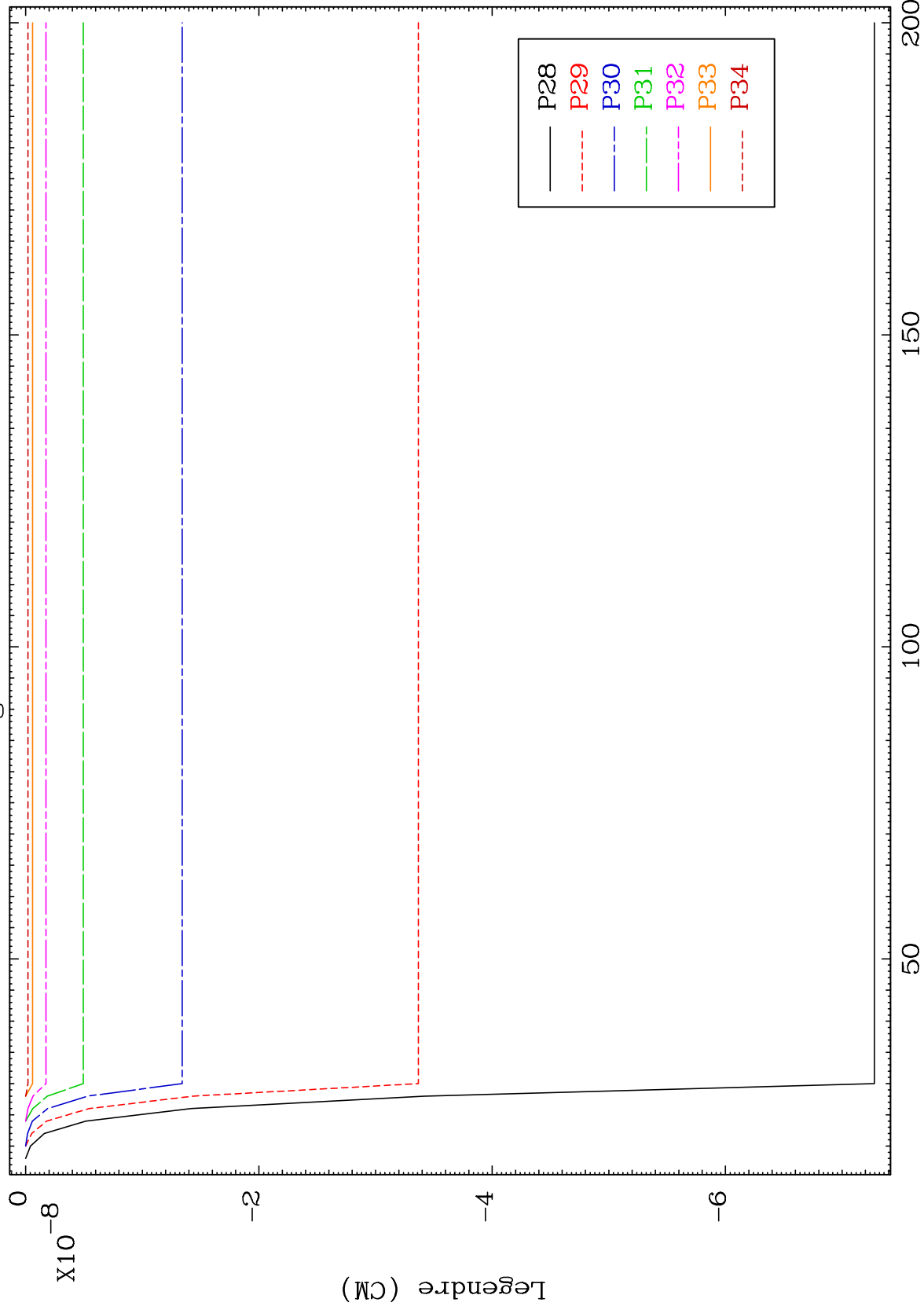


MAT 4746

MT= 66 (n,n') Level

47-Ag-114

Legendre Coefficients



47-Ag-114

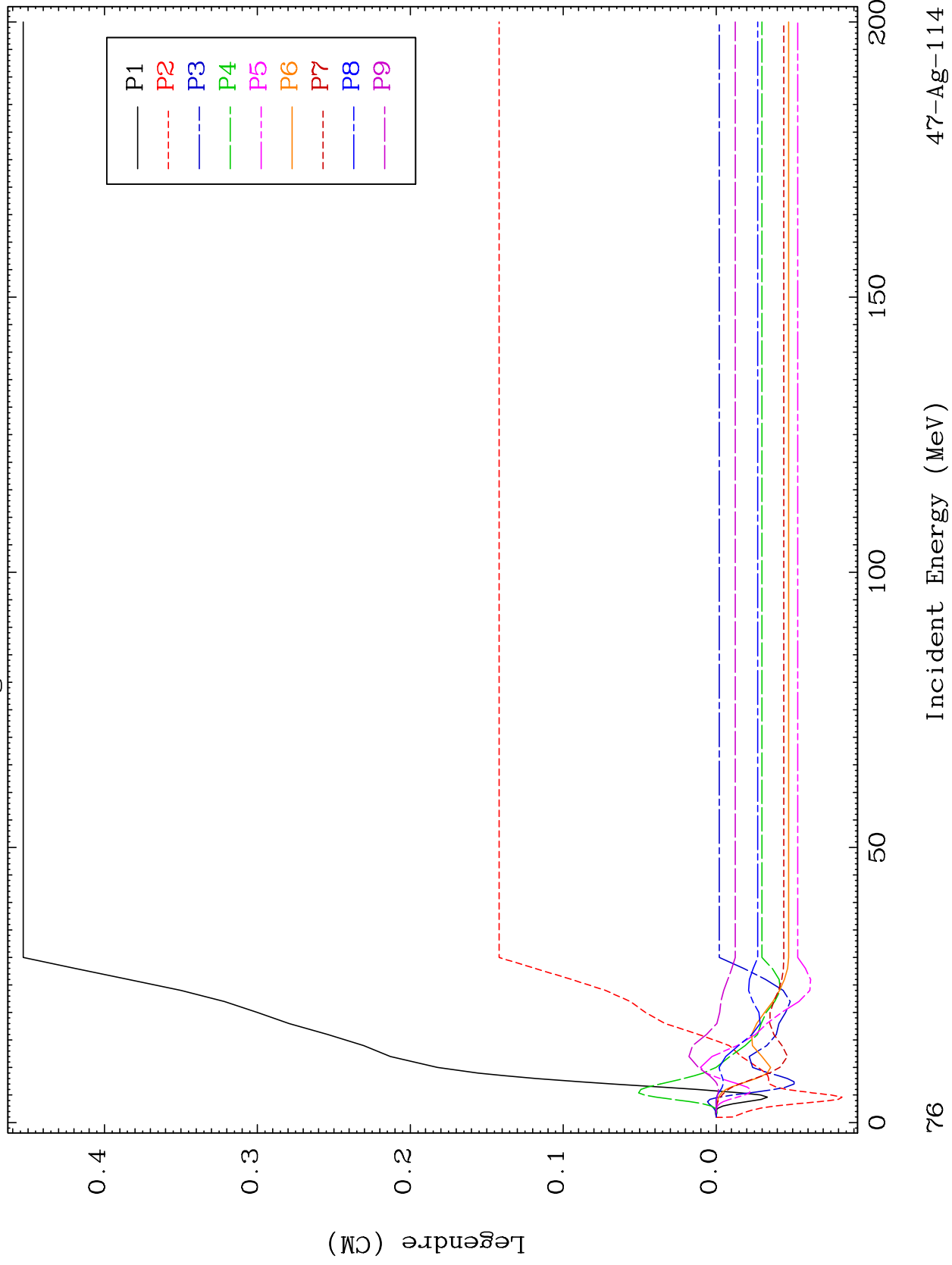
Incident Energy (MeV)

75

MAT 4746

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

47-Ag-114



76

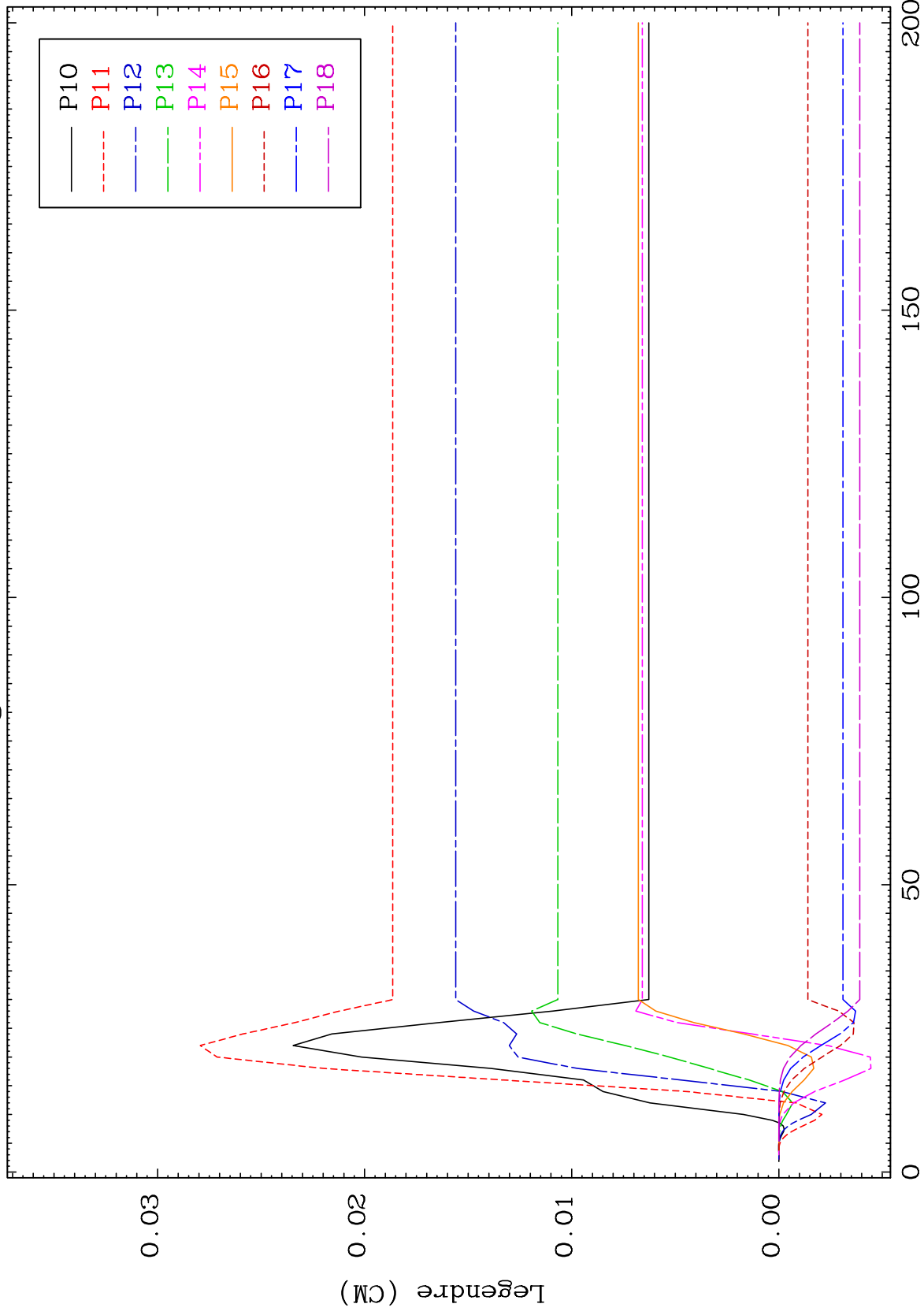
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

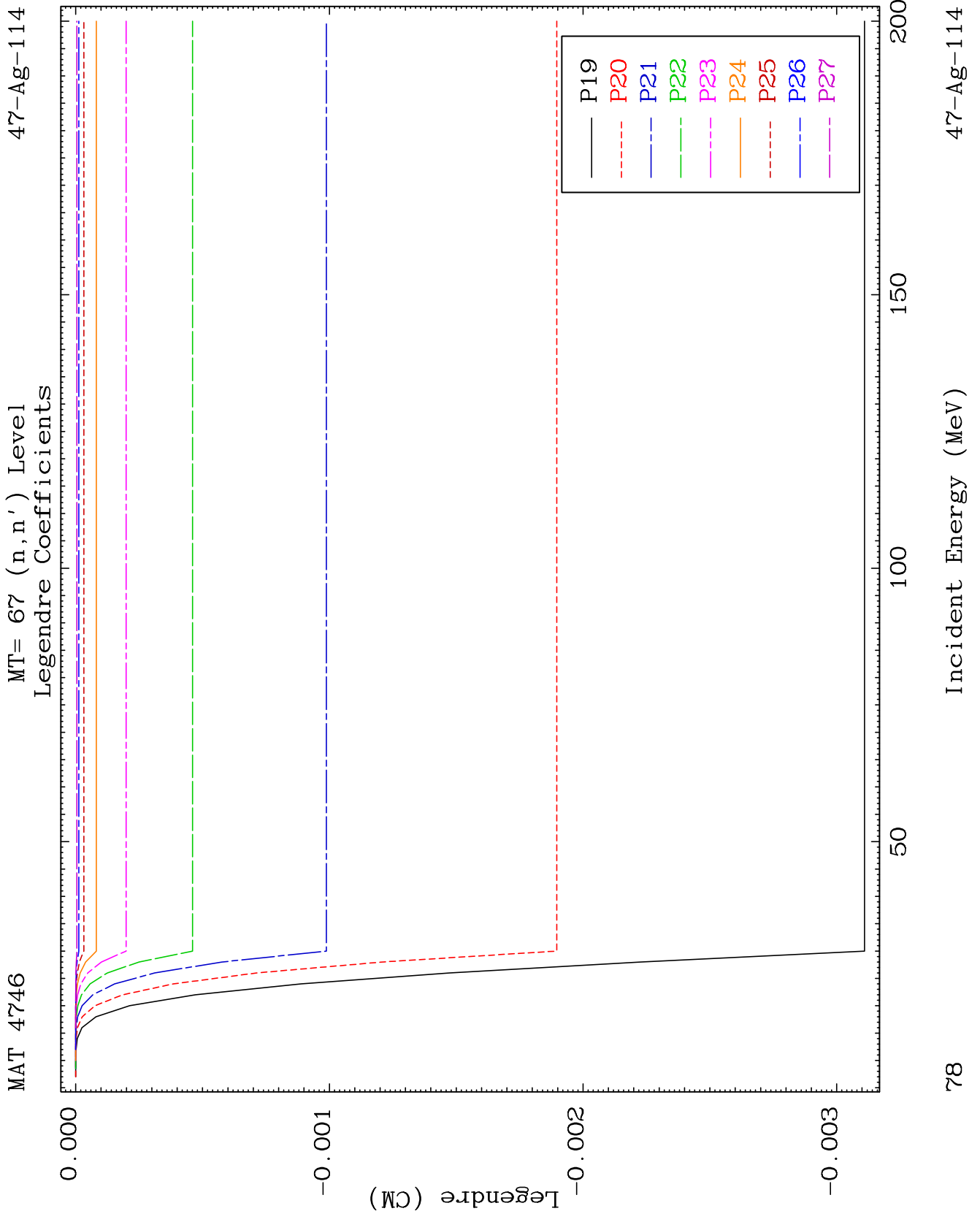
47-Ag-114



77

Incident Energy (MeV)

47-Ag-114

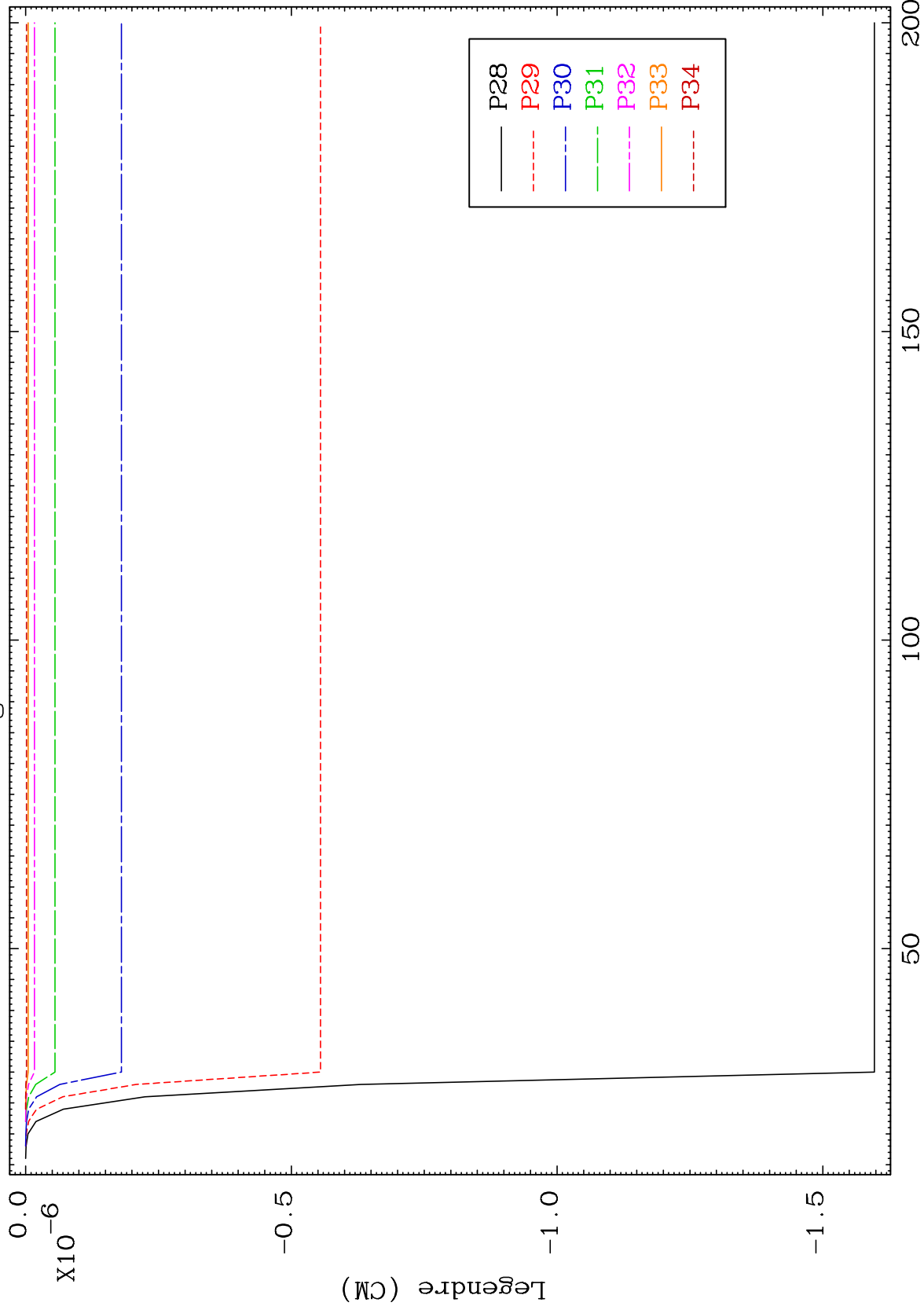


MAT 4746

MT= 67 (n,n') Level

47-Ag-114

Legendre Coefficients



79

Incident Energy (MeV)

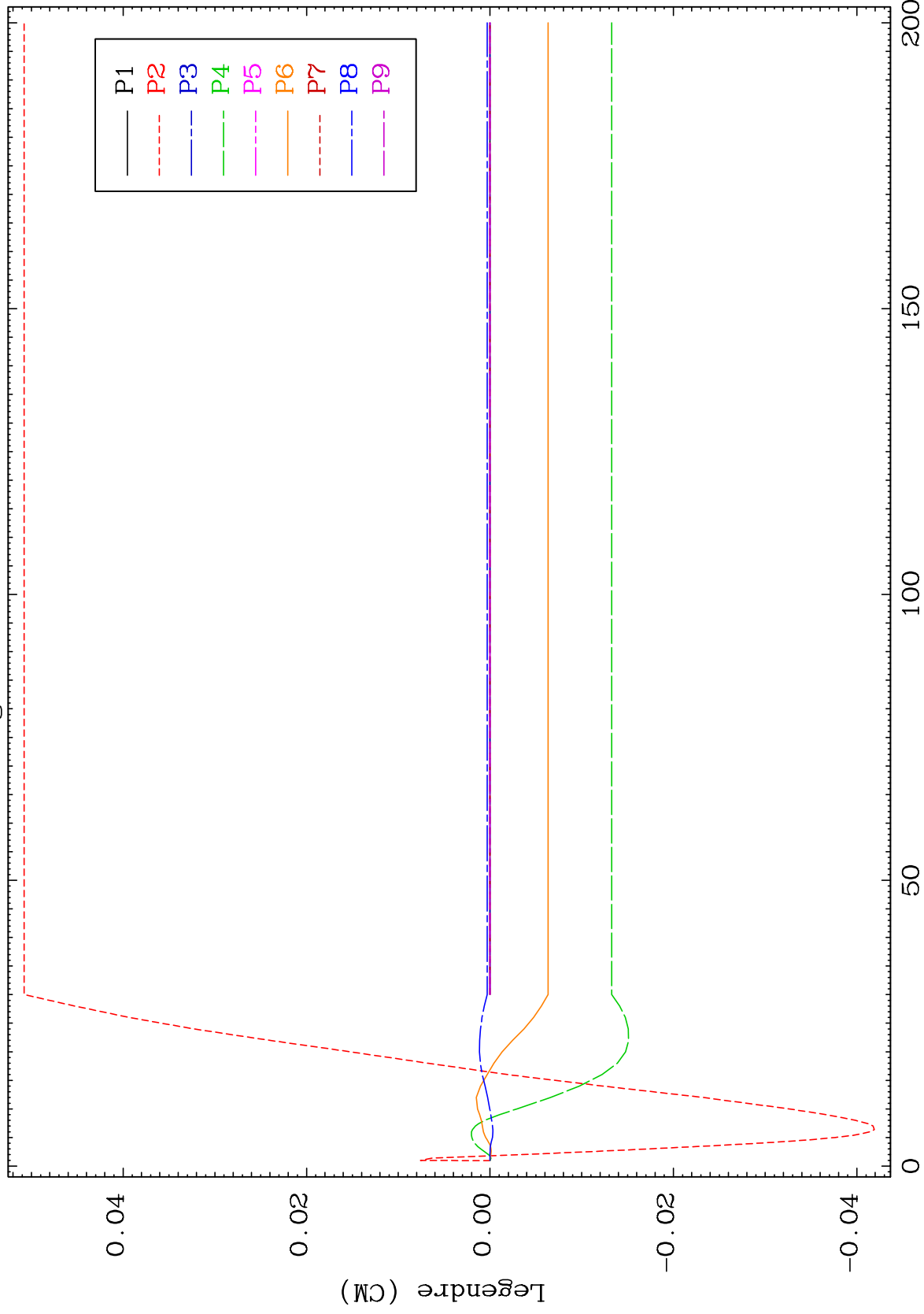
47-Ag-114



MAT 4746

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

47-Ag-114



47-Ag-114

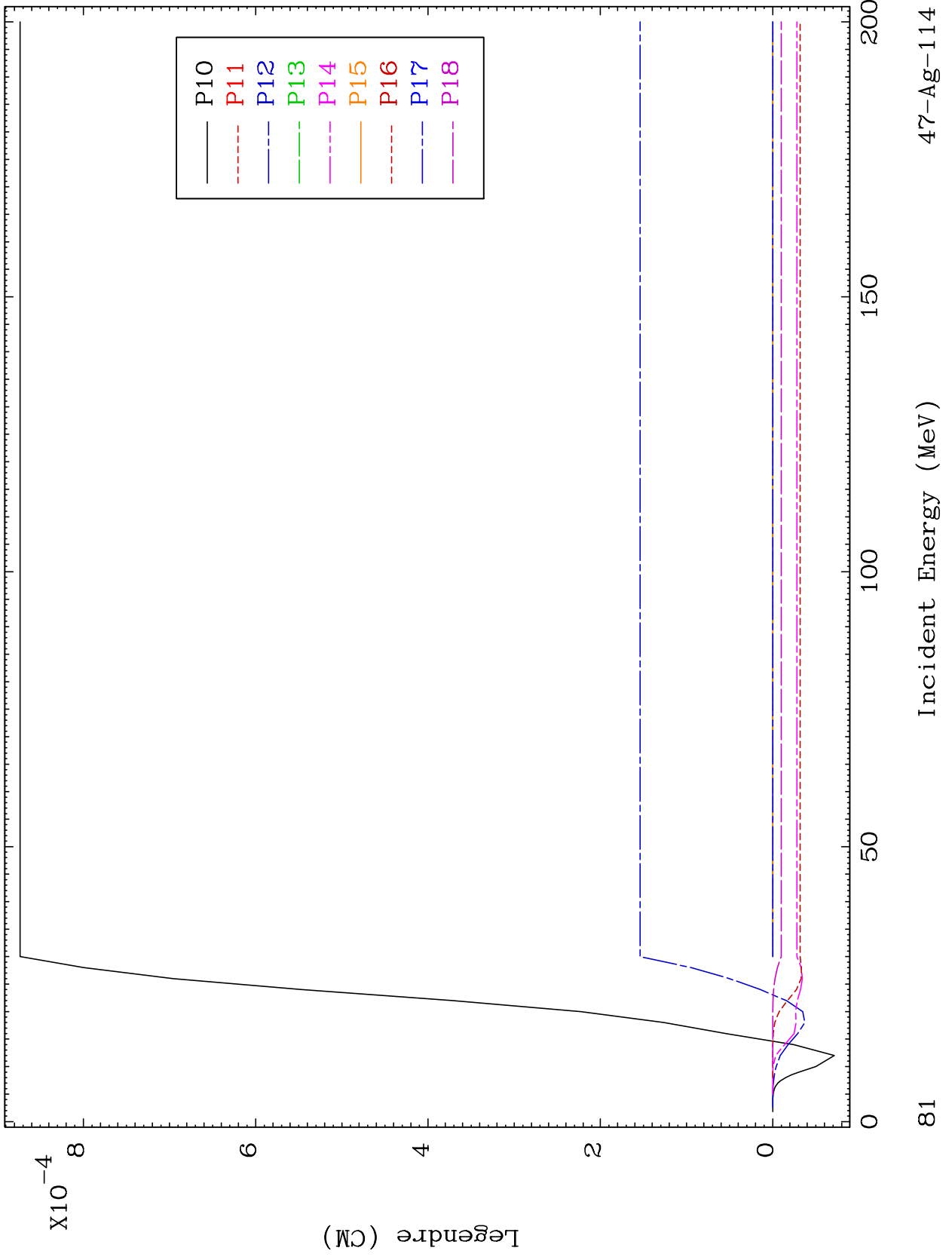
Incident Energy (MeV)

80

MAT 4746

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

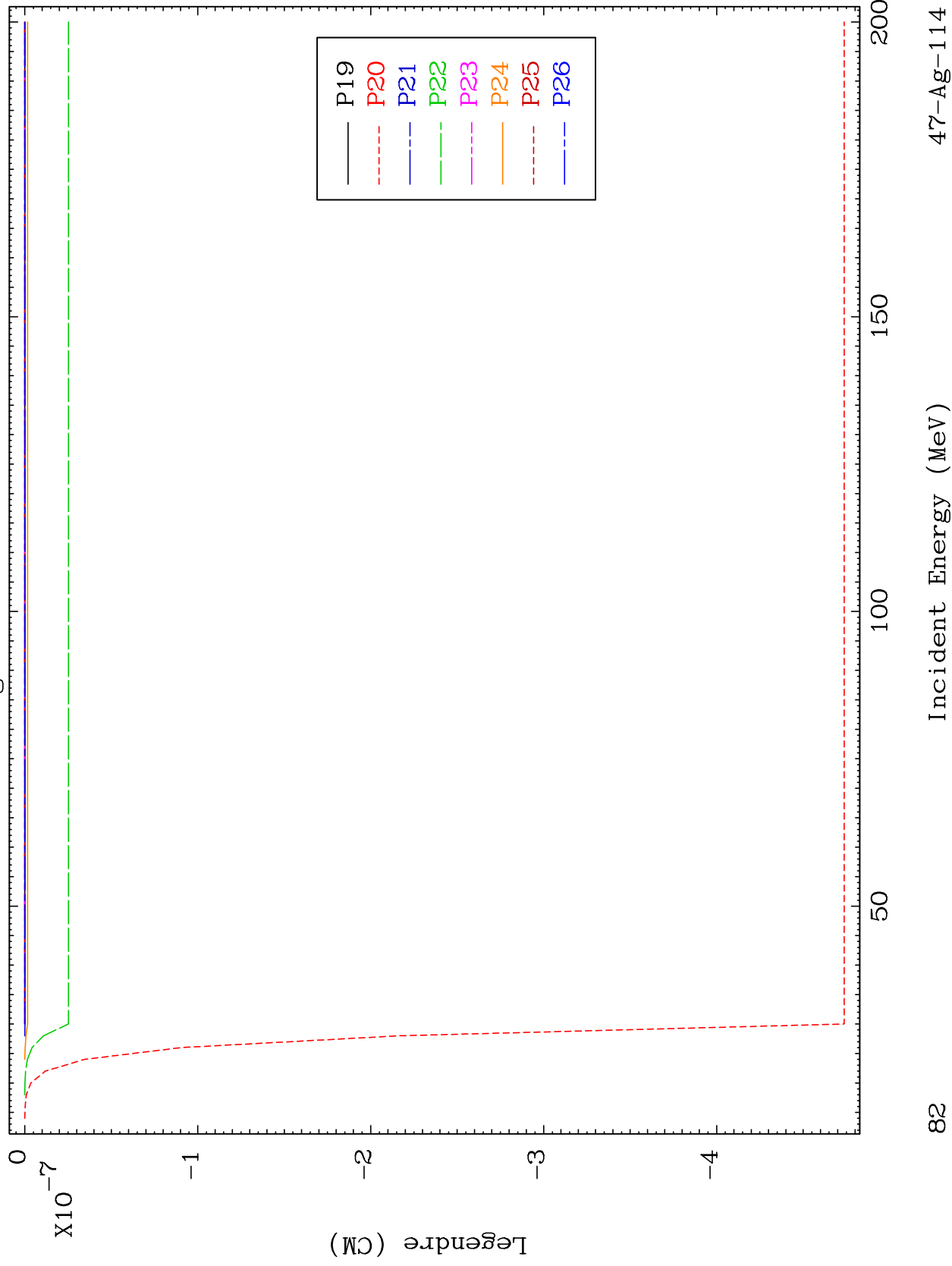
47-Ag-114



MAT 4746

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

47-Ag-114



82

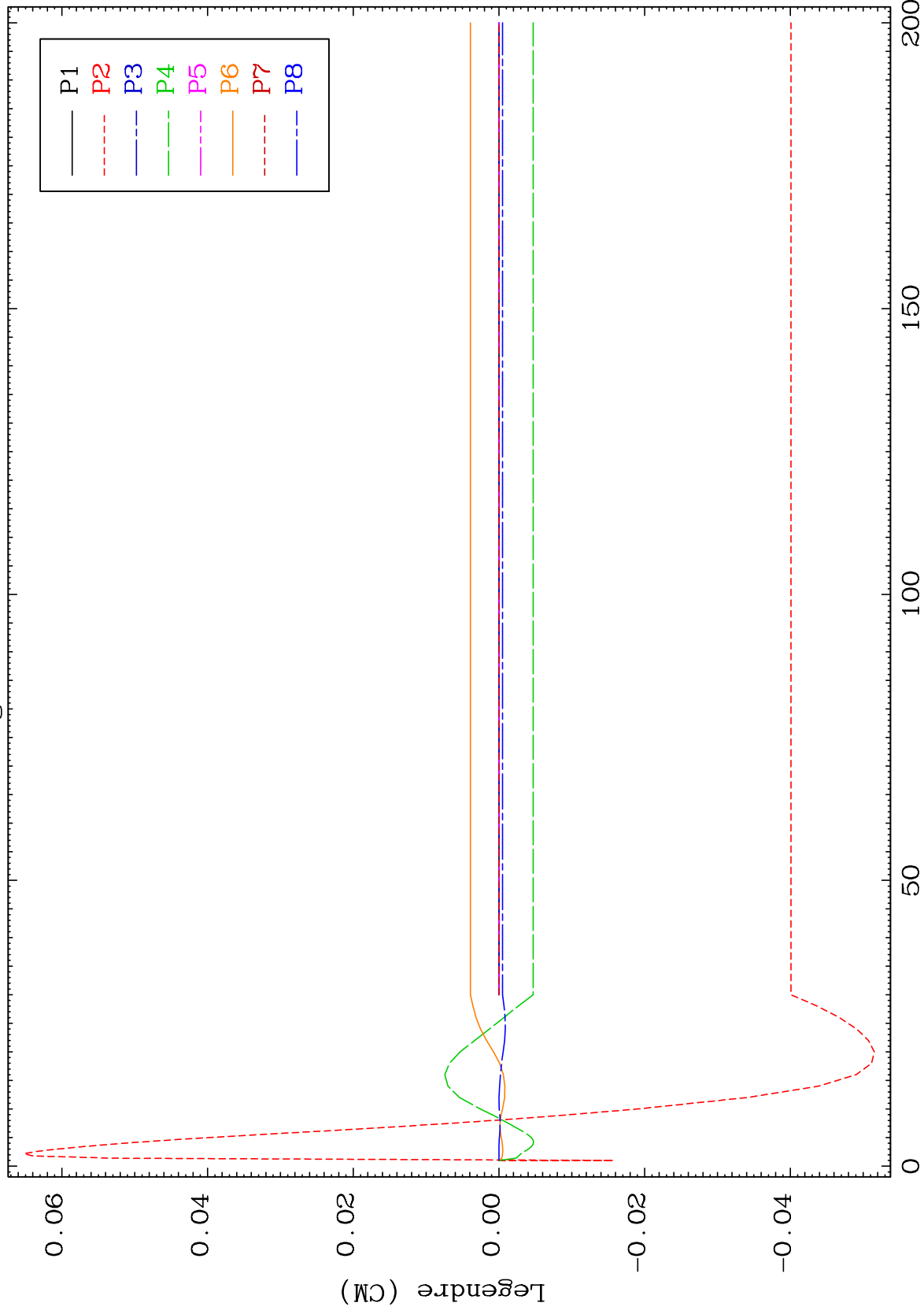
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



83

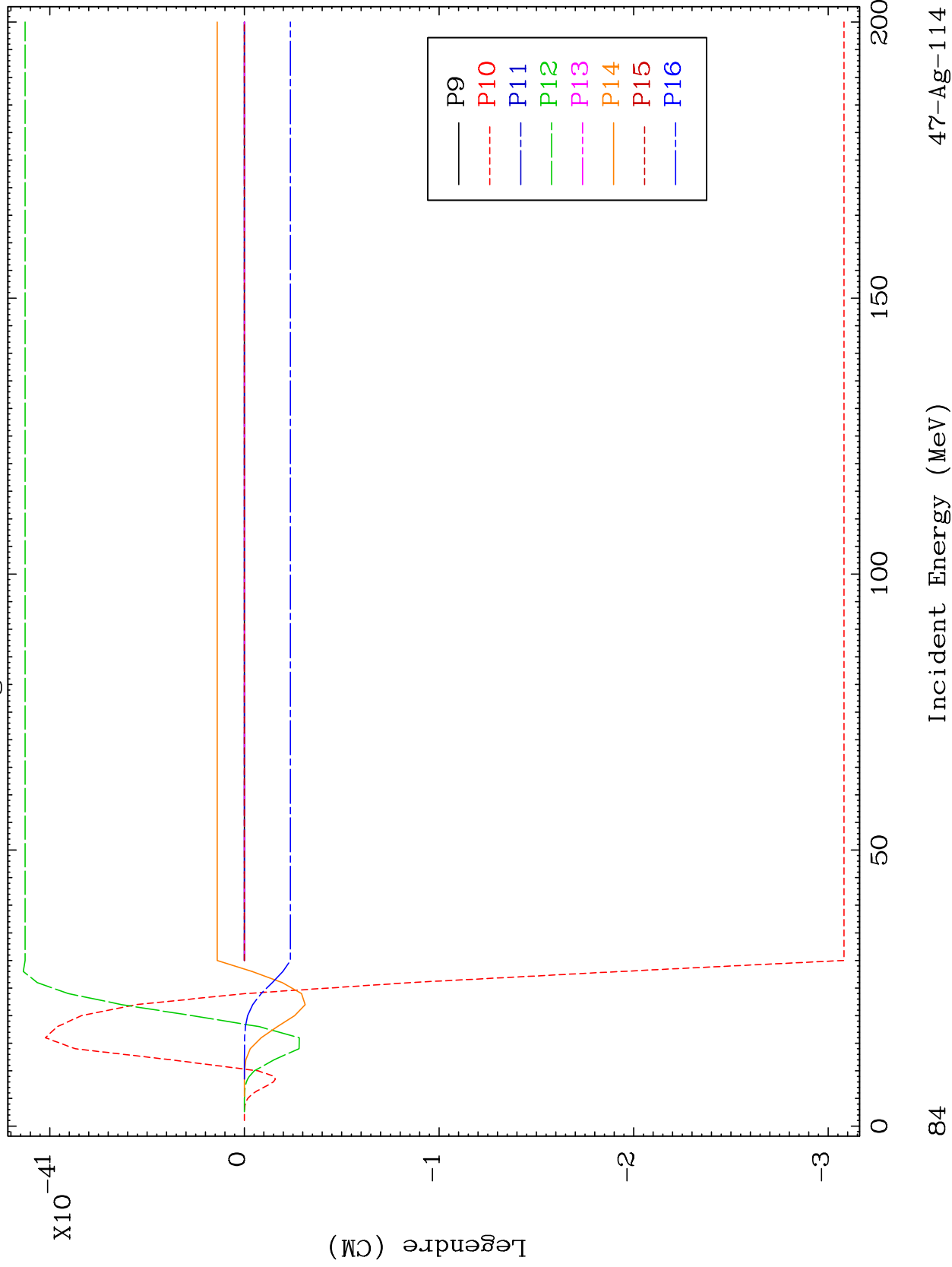
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

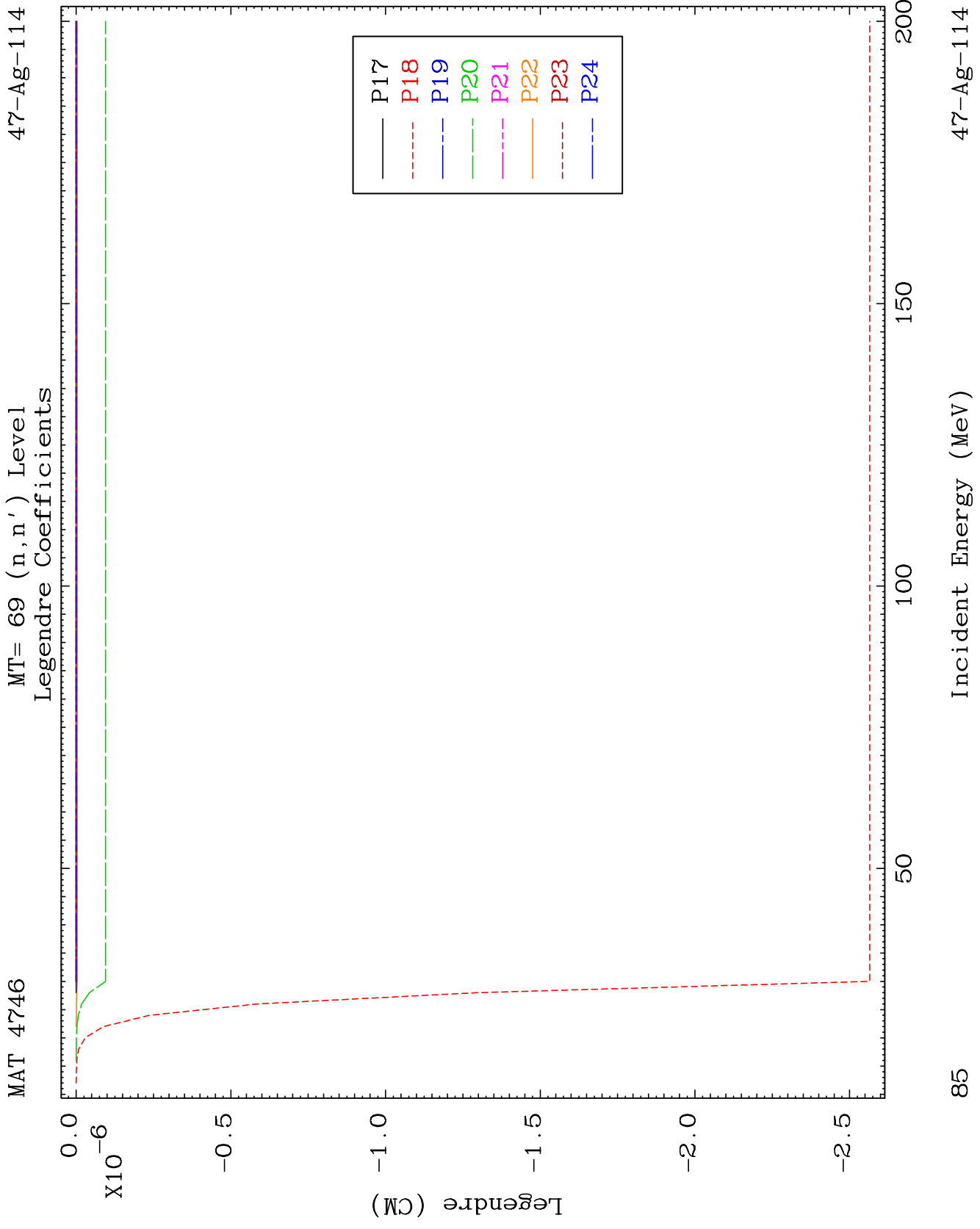
47-Ag-114



84

Incident Energy (MeV)

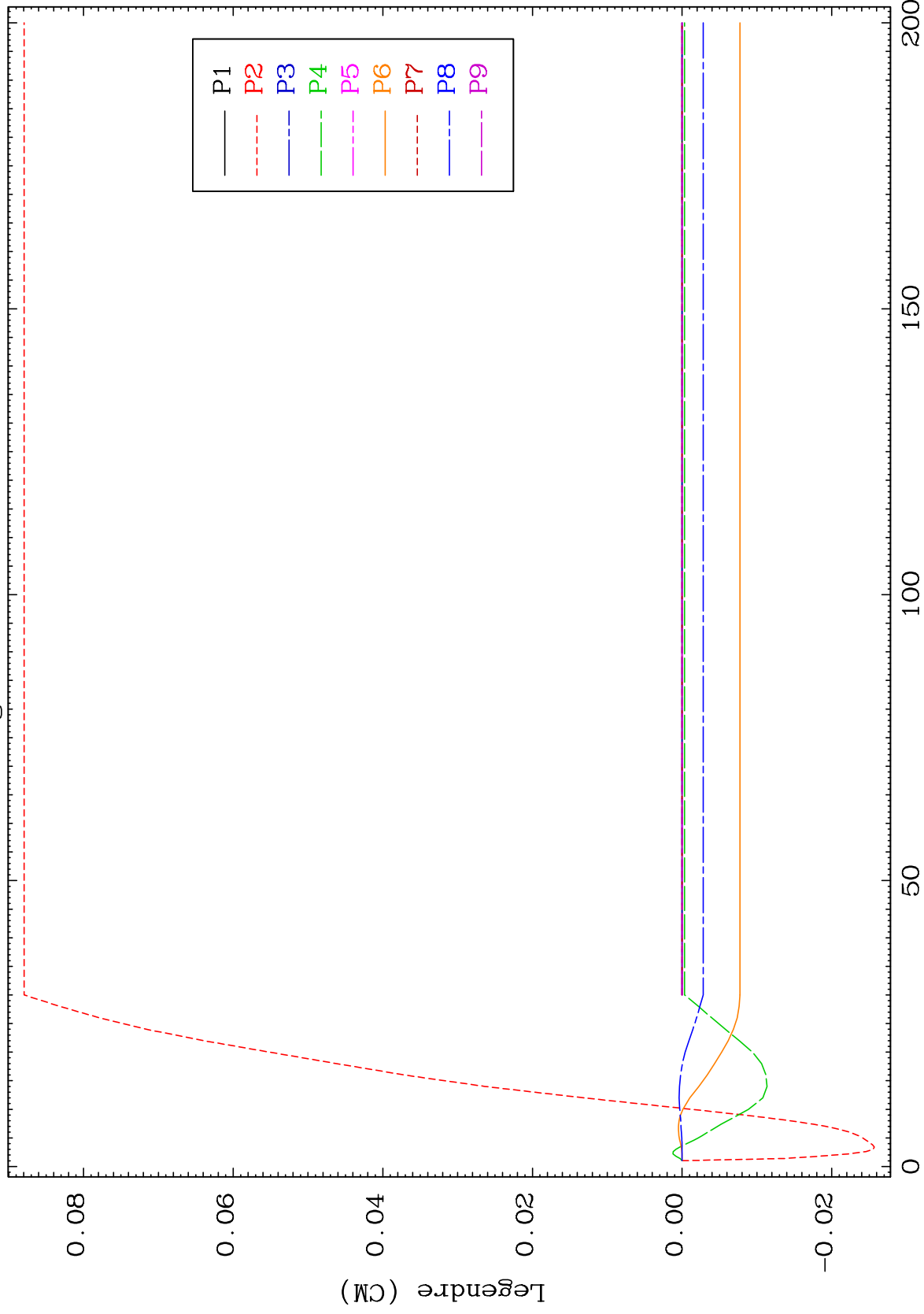
47-Ag-114



MAT 4746

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

47-Ag-114



86

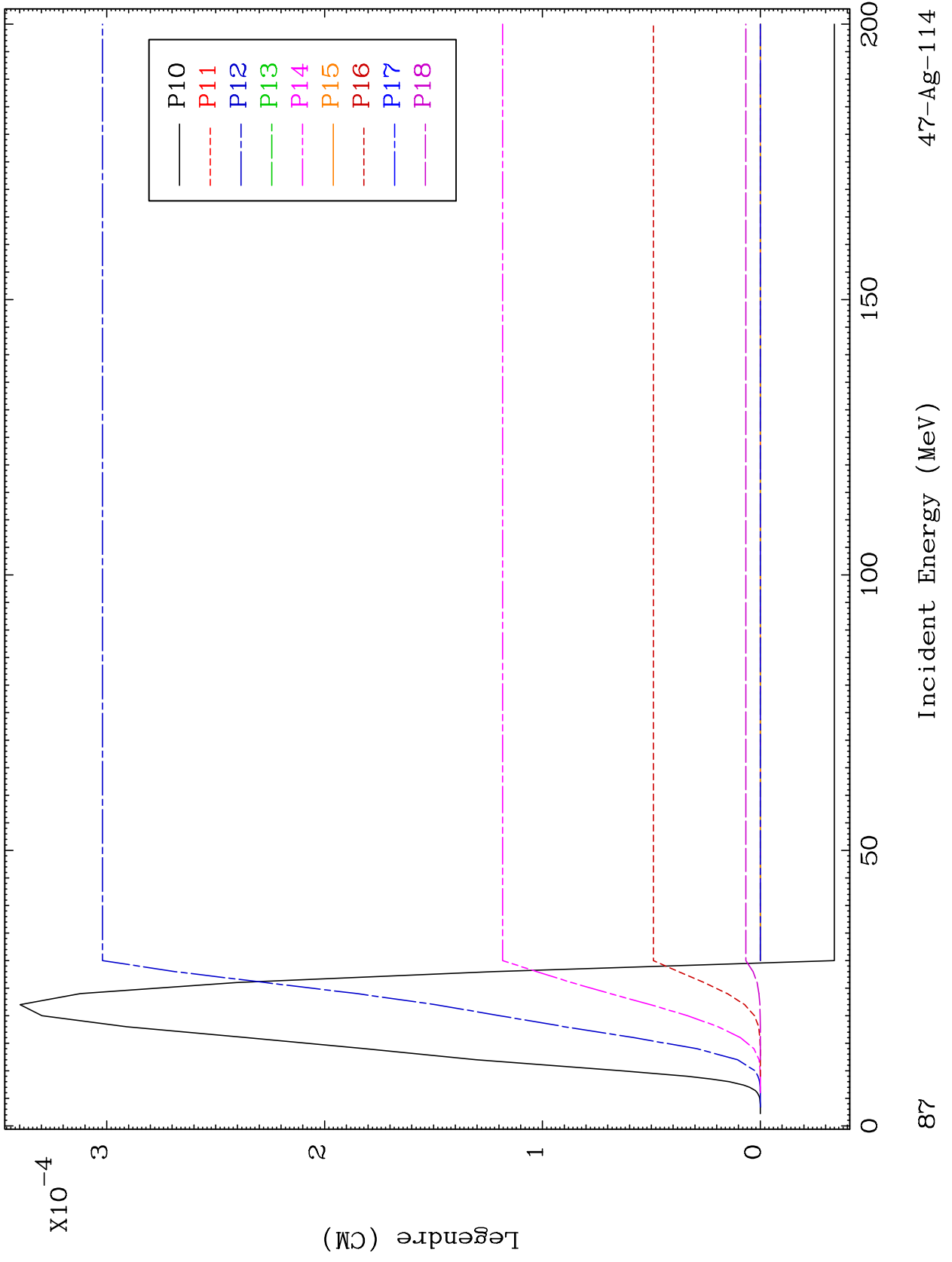
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



87

Incident Energy (MeV)

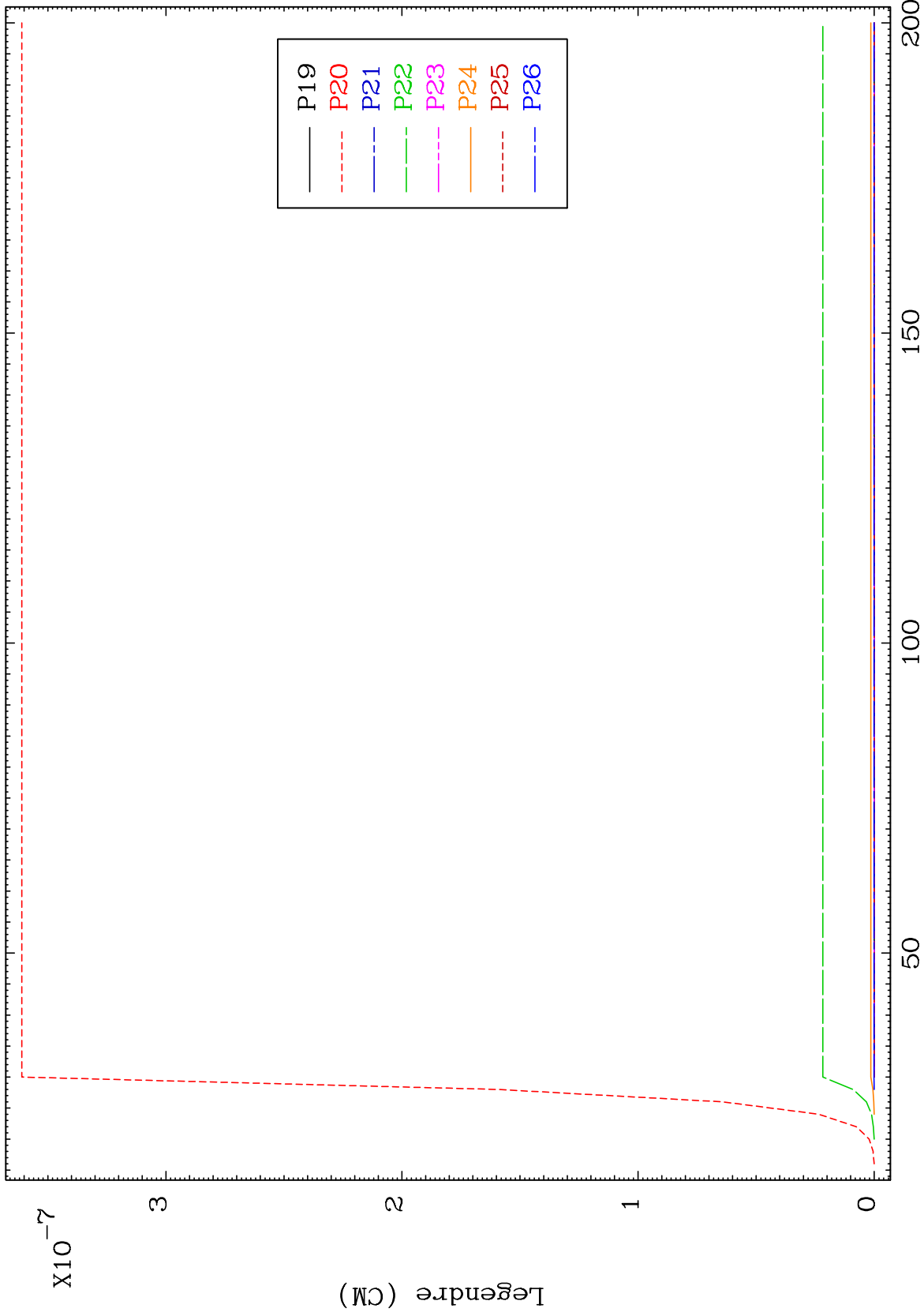
47-Ag-114



MAT 4746

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

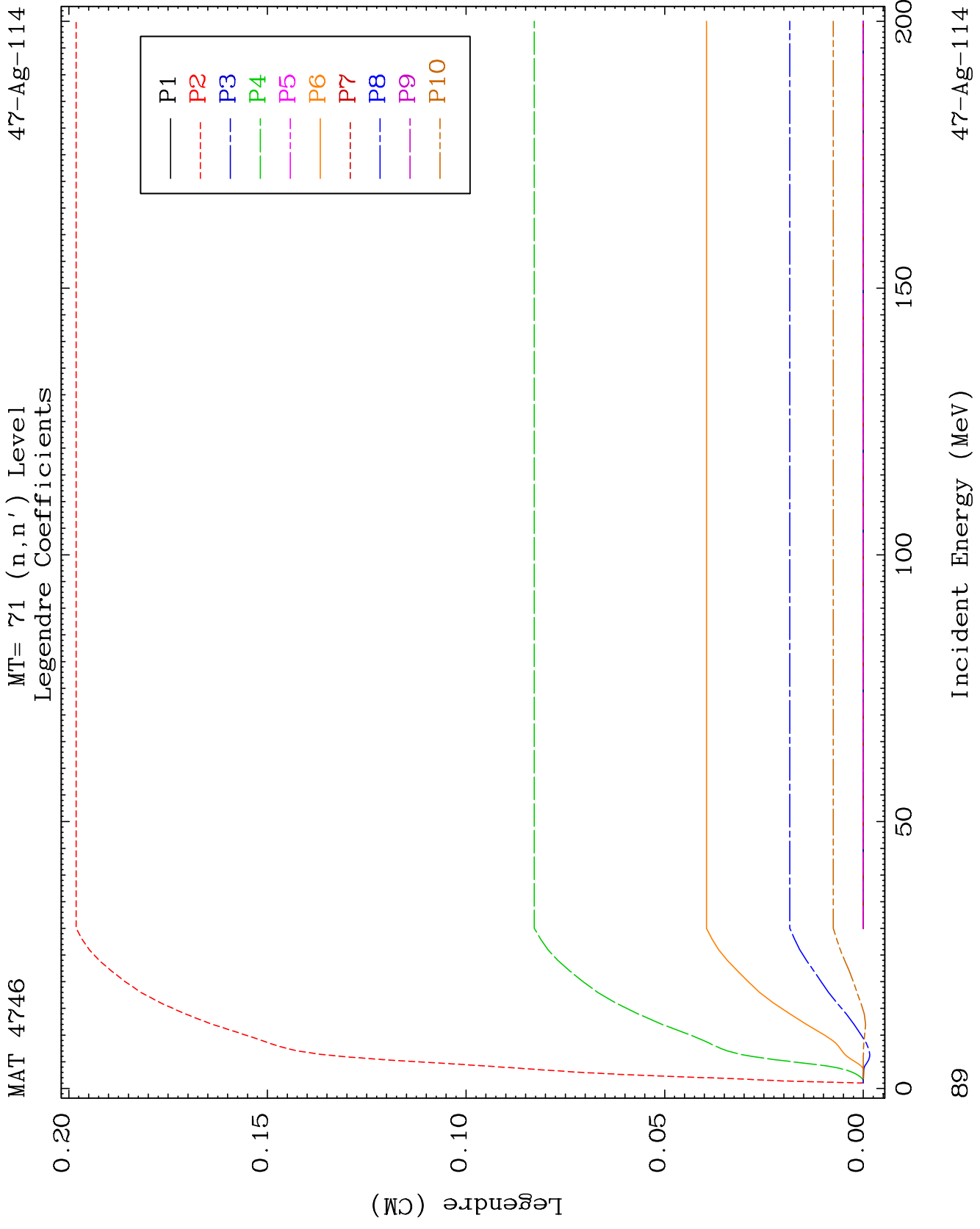
47-Ag-114



88

Incident Energy (MeV)

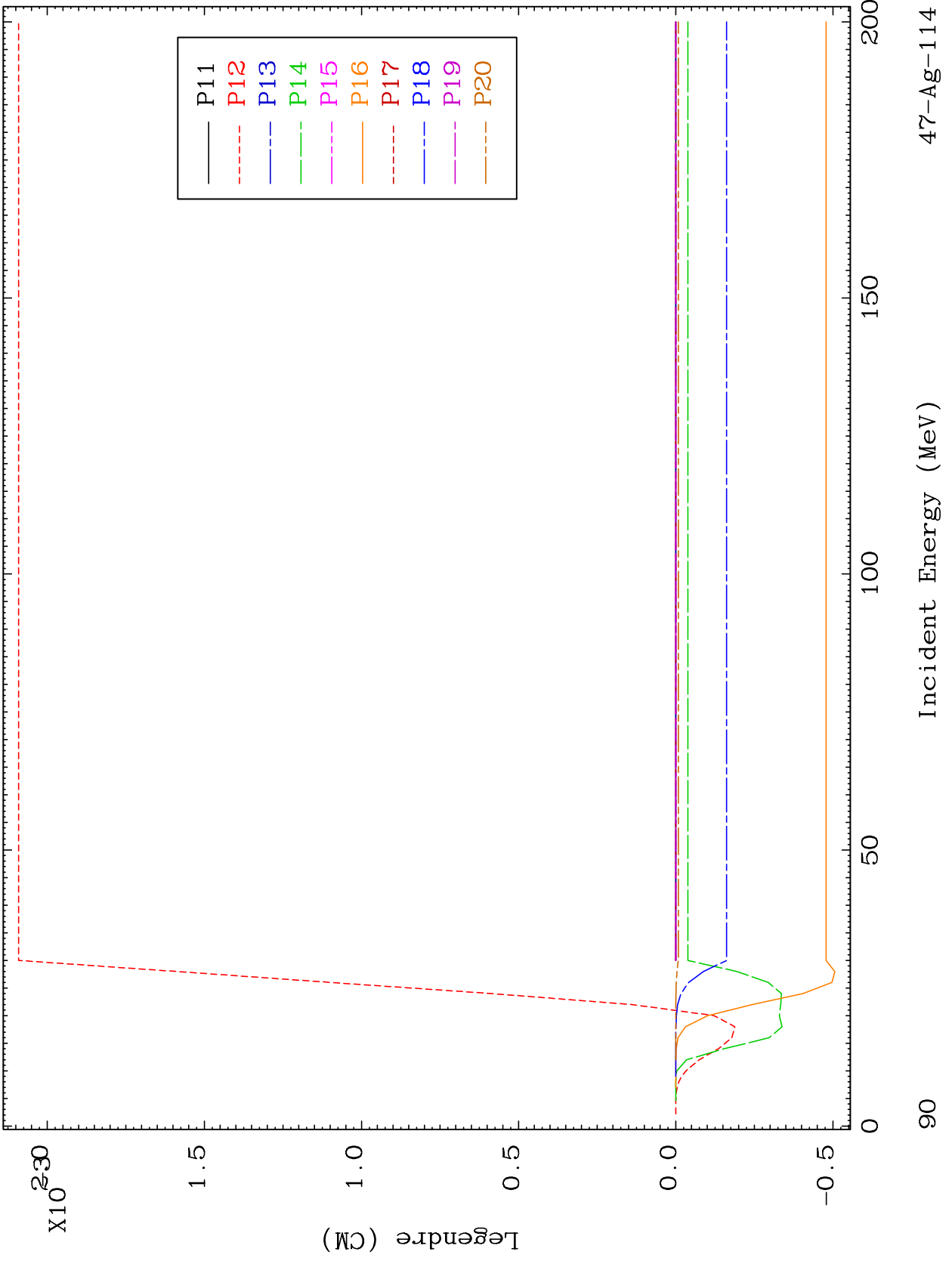
47-Ag-114



MAT 4746

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

47-Ag-114

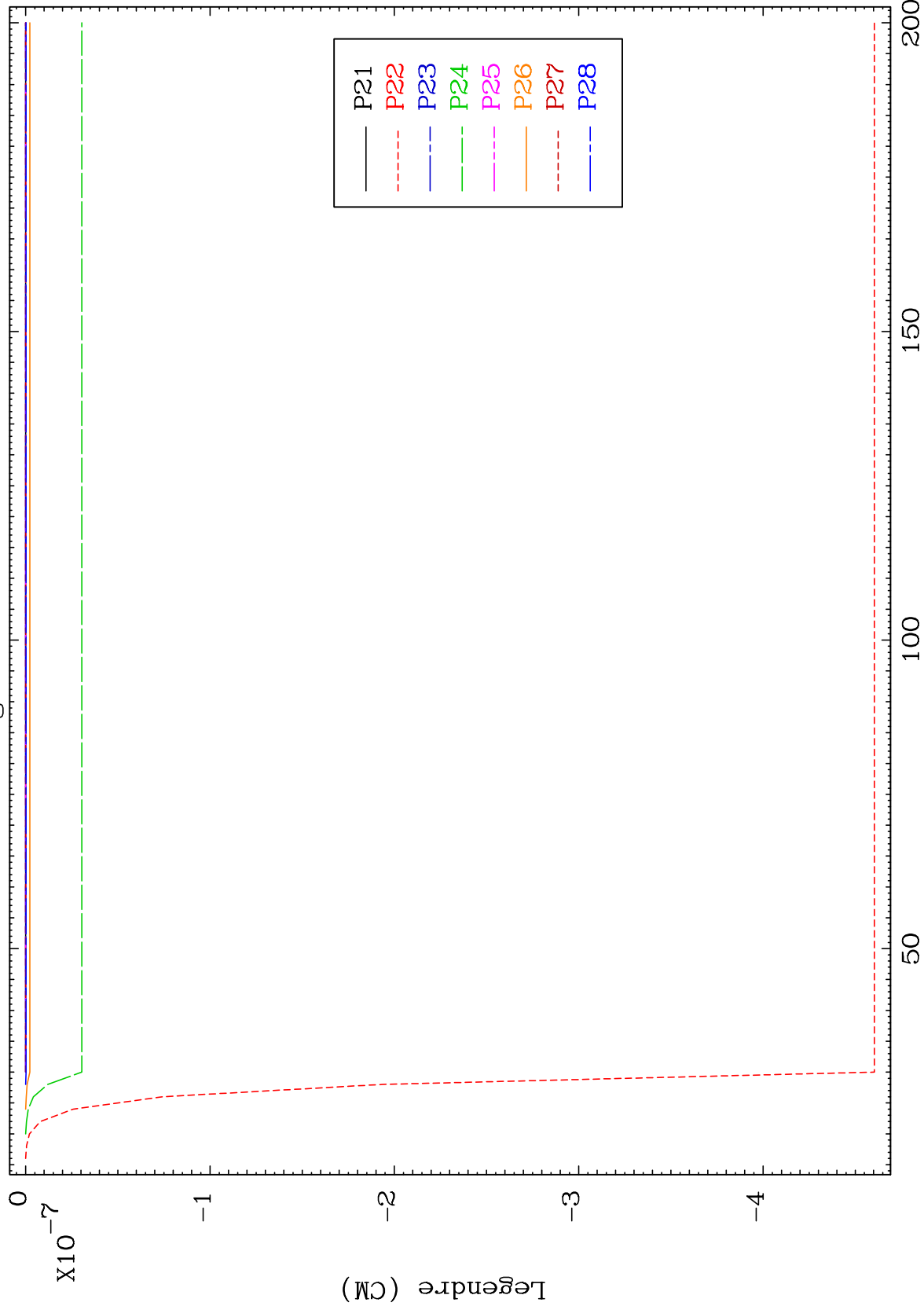


47-Ag-114

MAT 4746

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

47-Ag-114



91

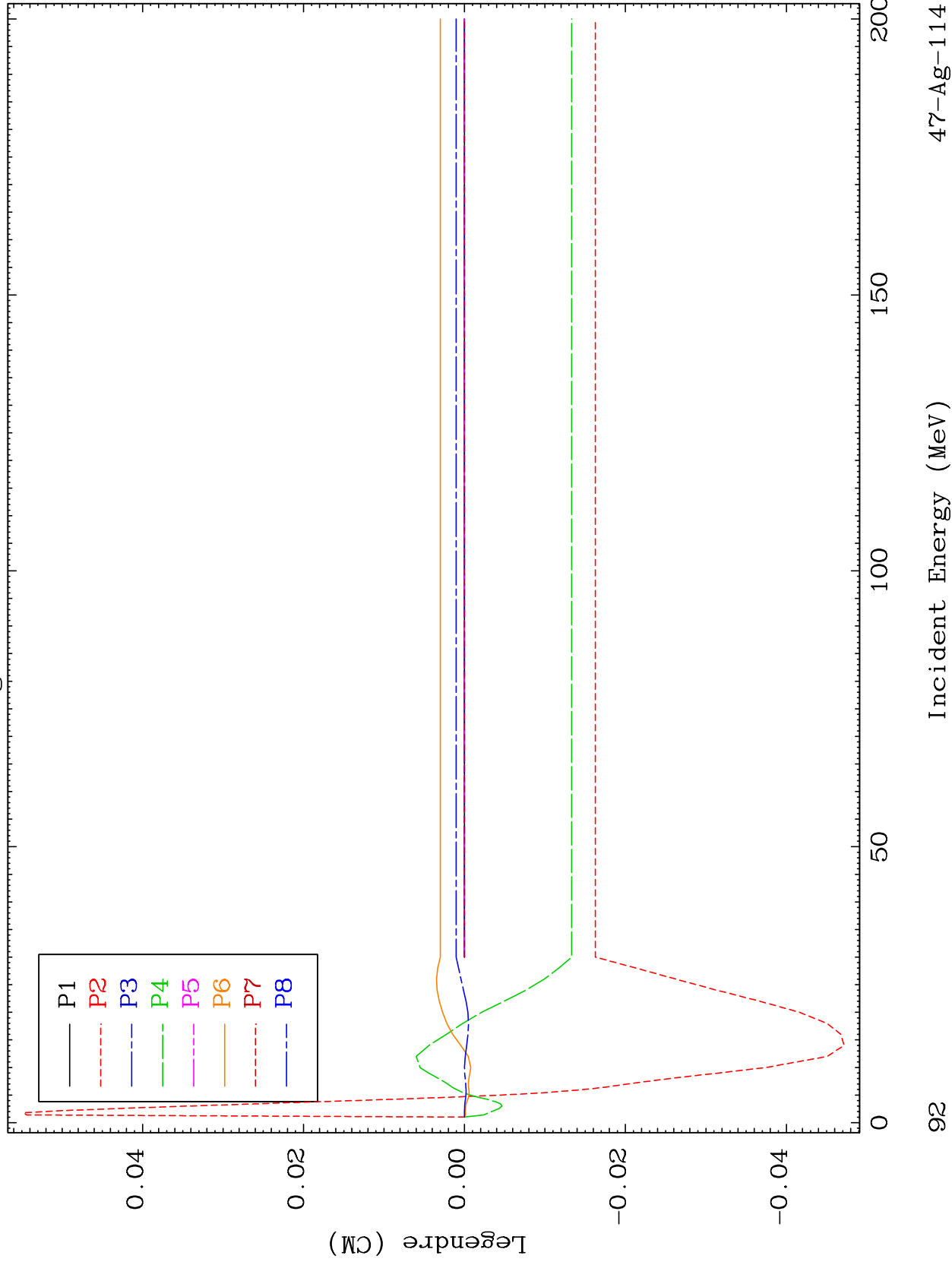
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



47-Ag-114

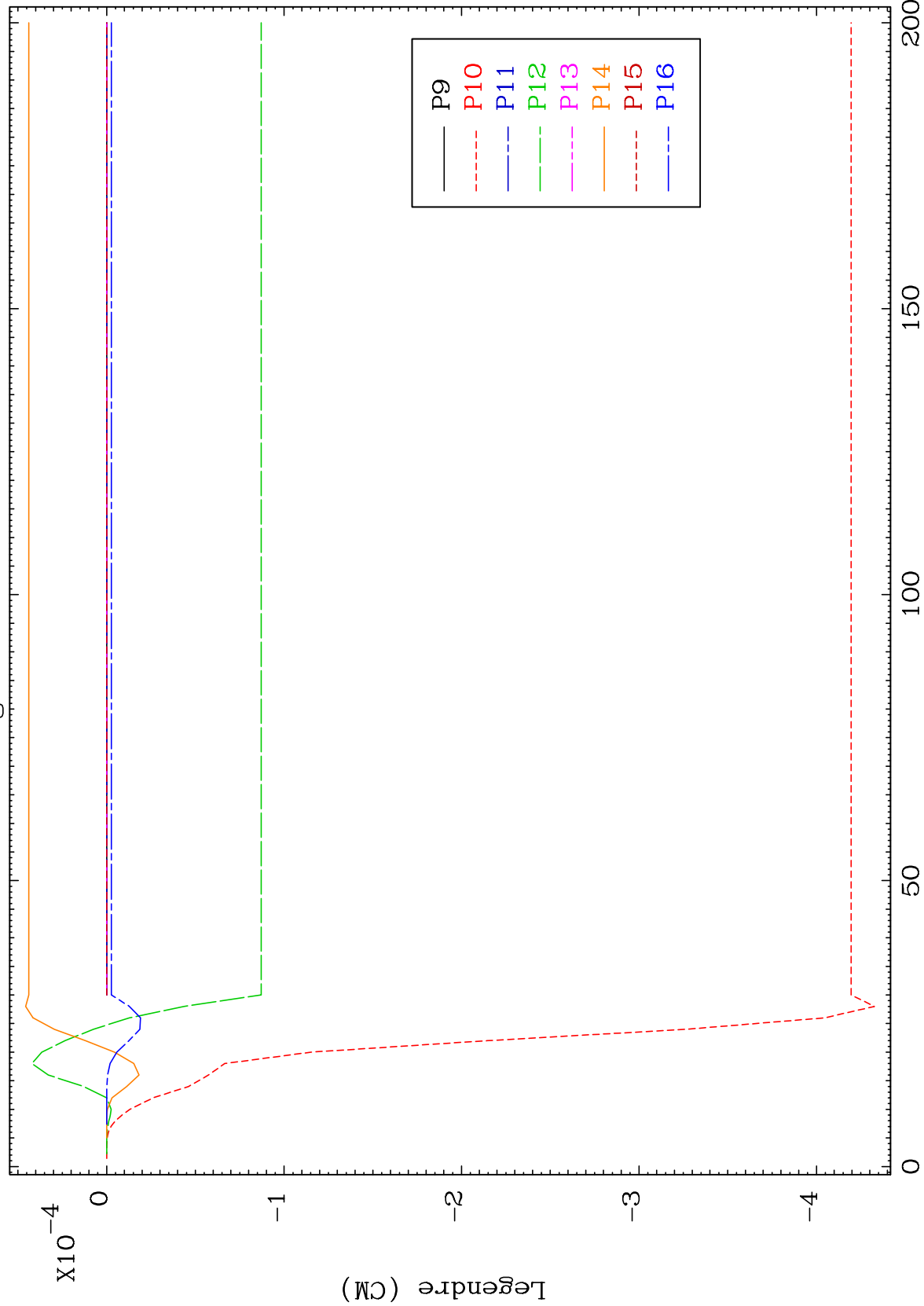
Incident Energy (MeV)

92

MAT 4746

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

47-Ag-114



93

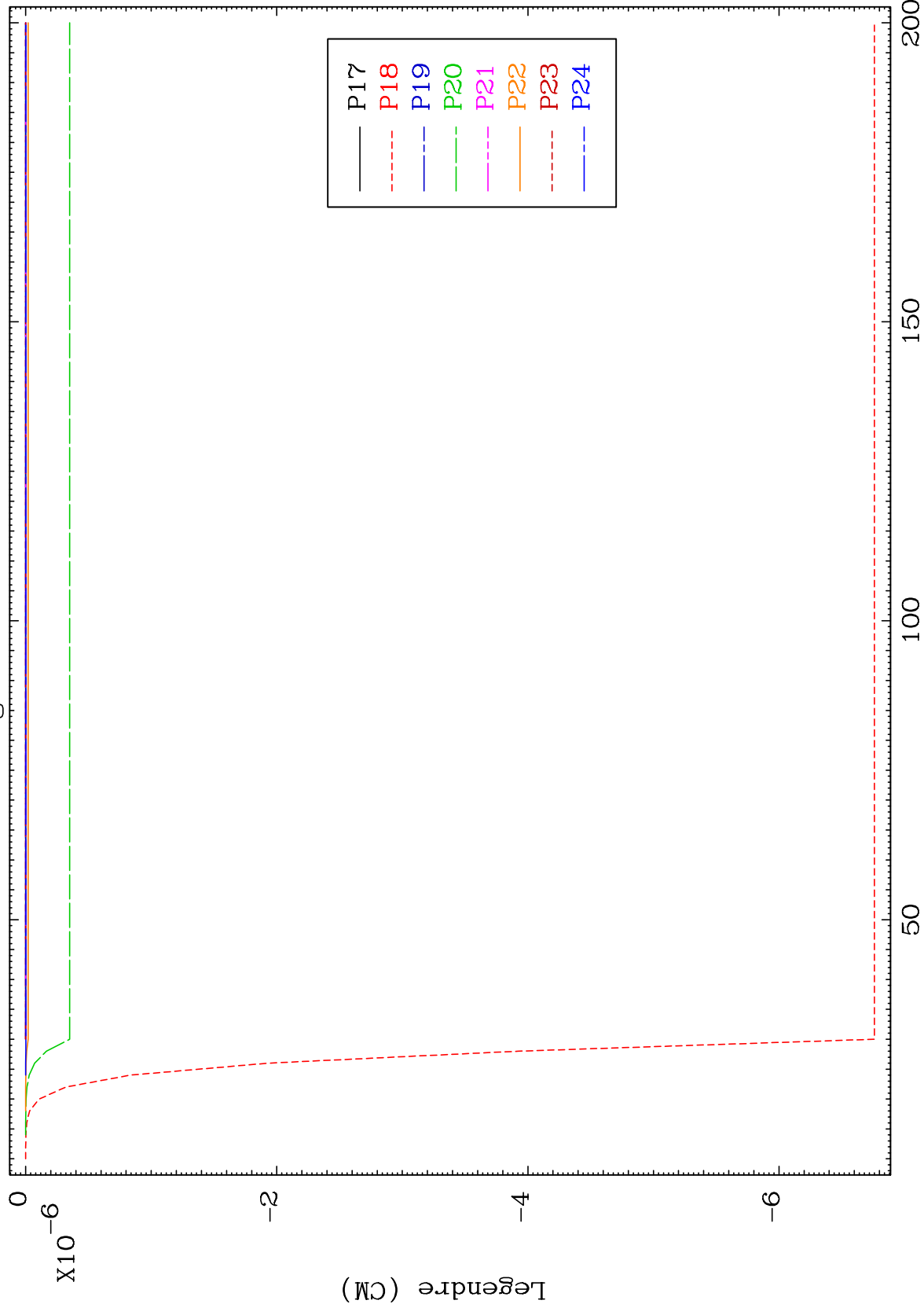
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



94

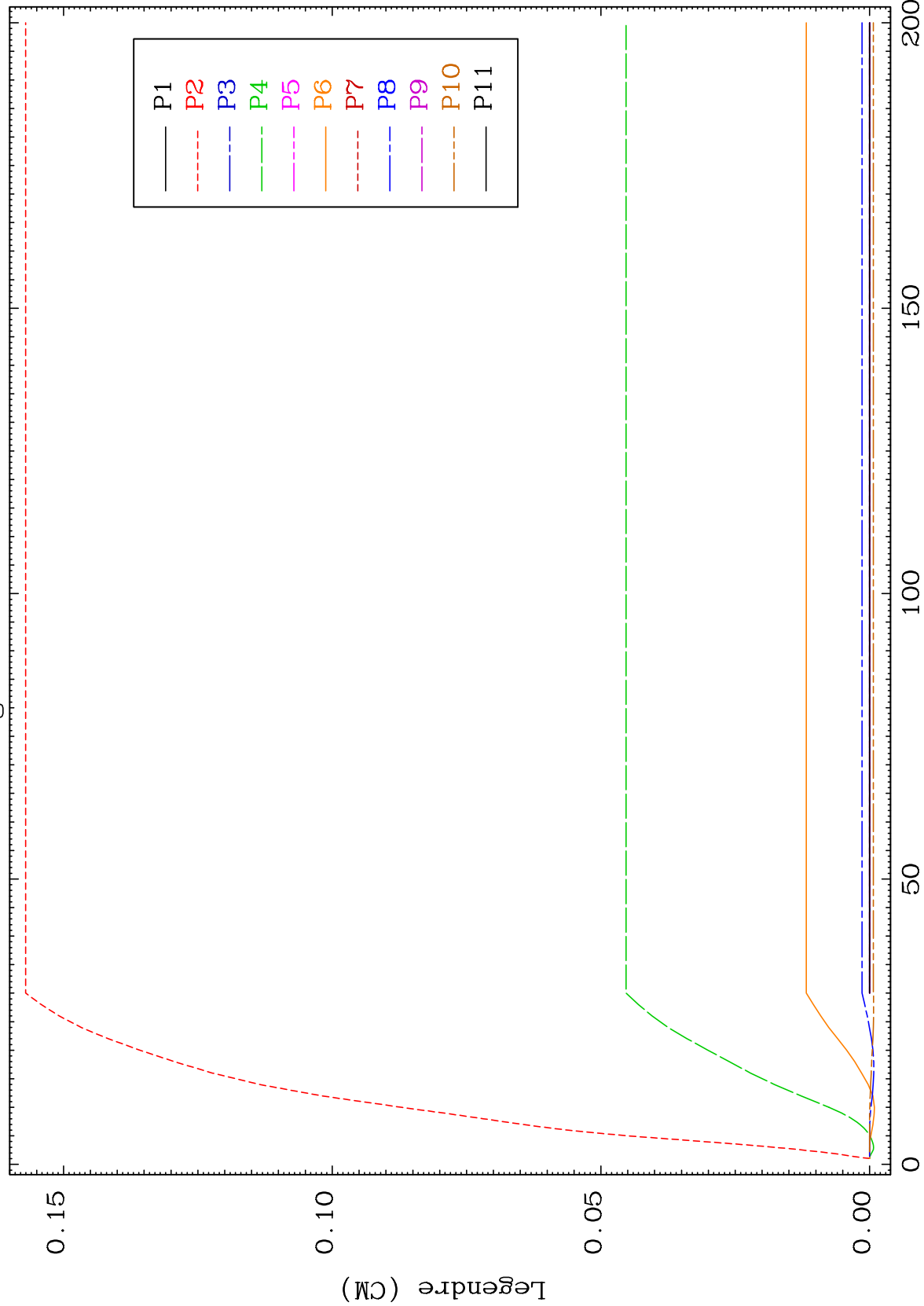
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



95

Incident Energy (MeV)

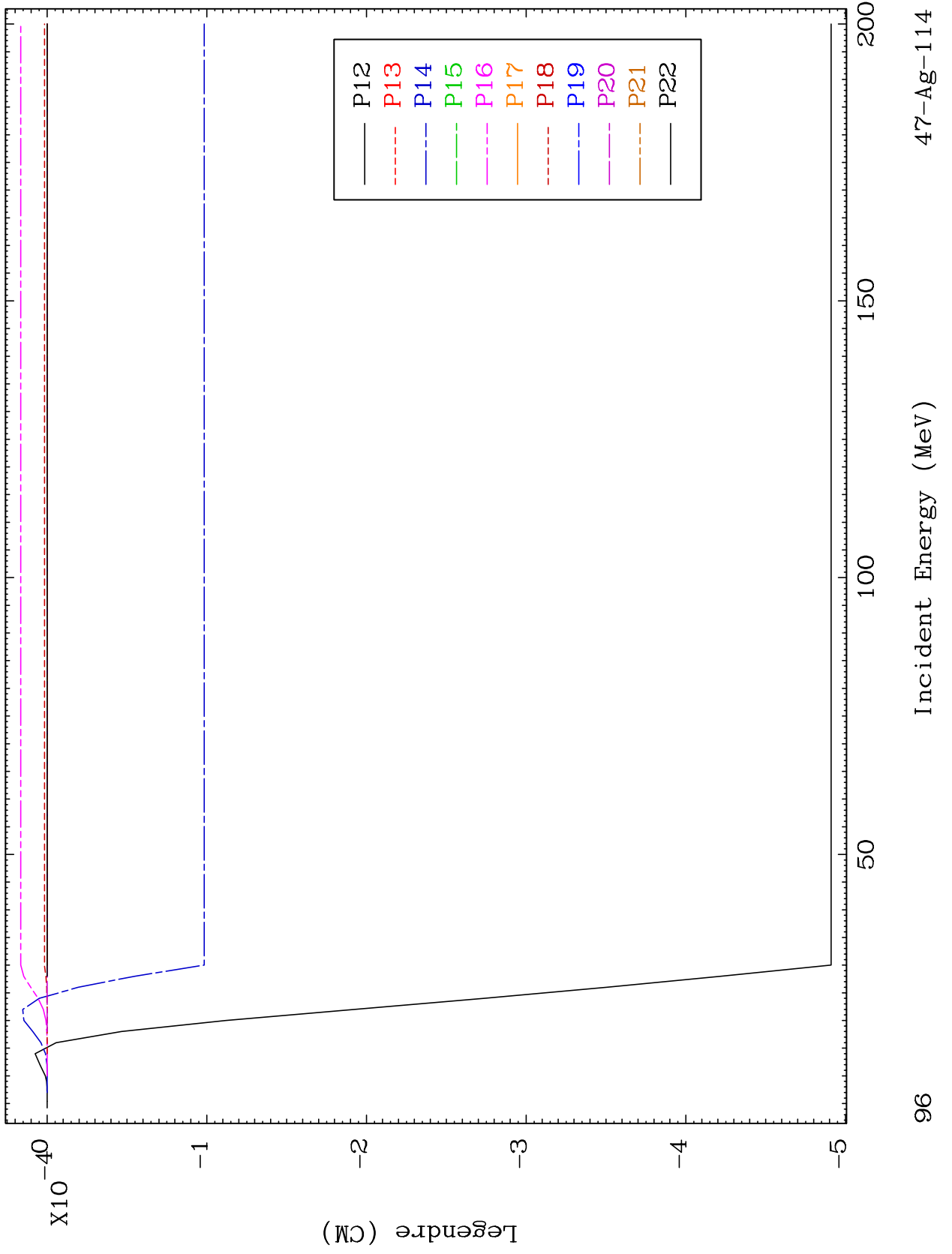
47-Ag-114



MAT 4746

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

47-Ag-114

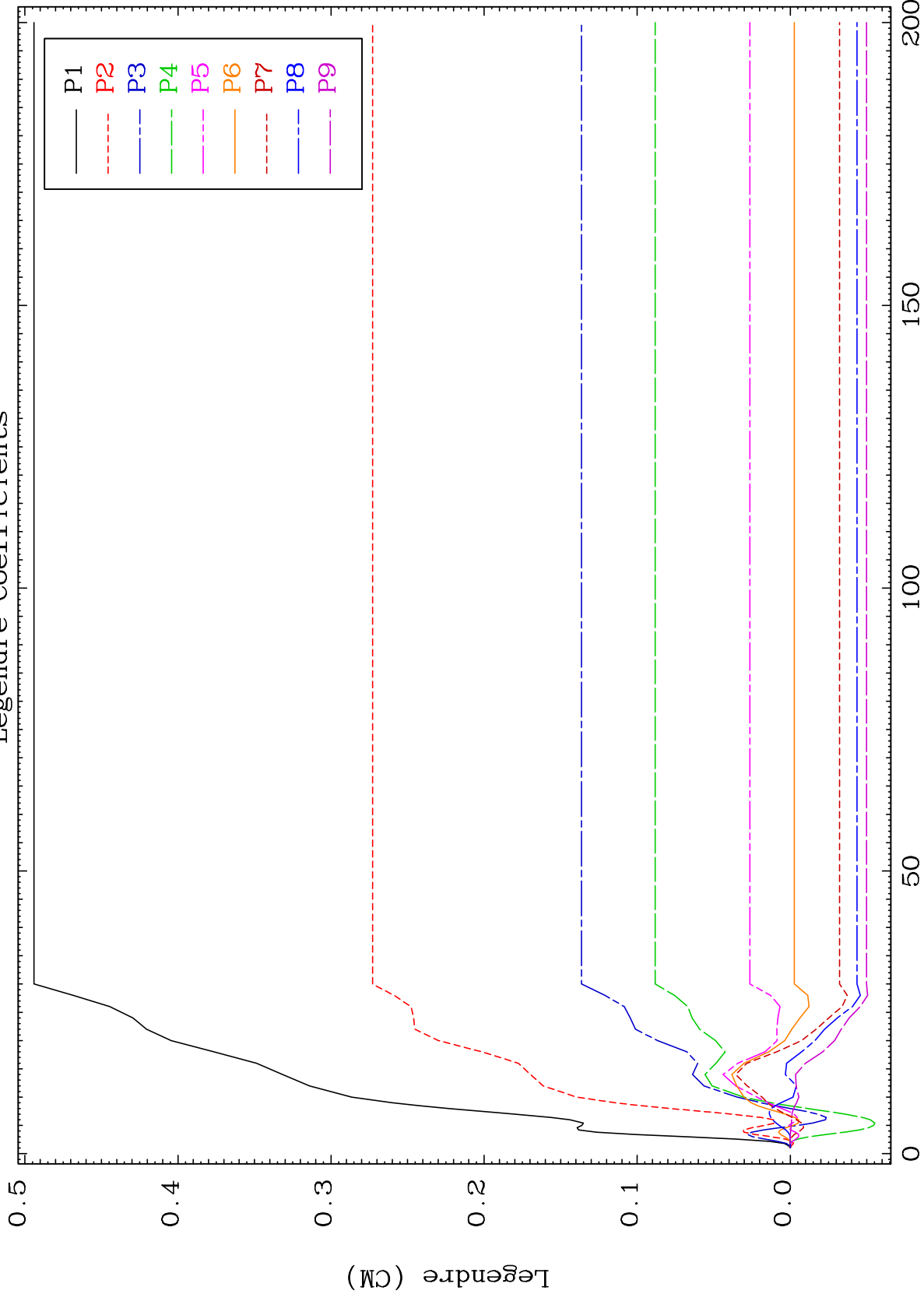


MAT 4746

MT= 74 (n,n') Level

47-Ag-114

Legendre Coefficients



97

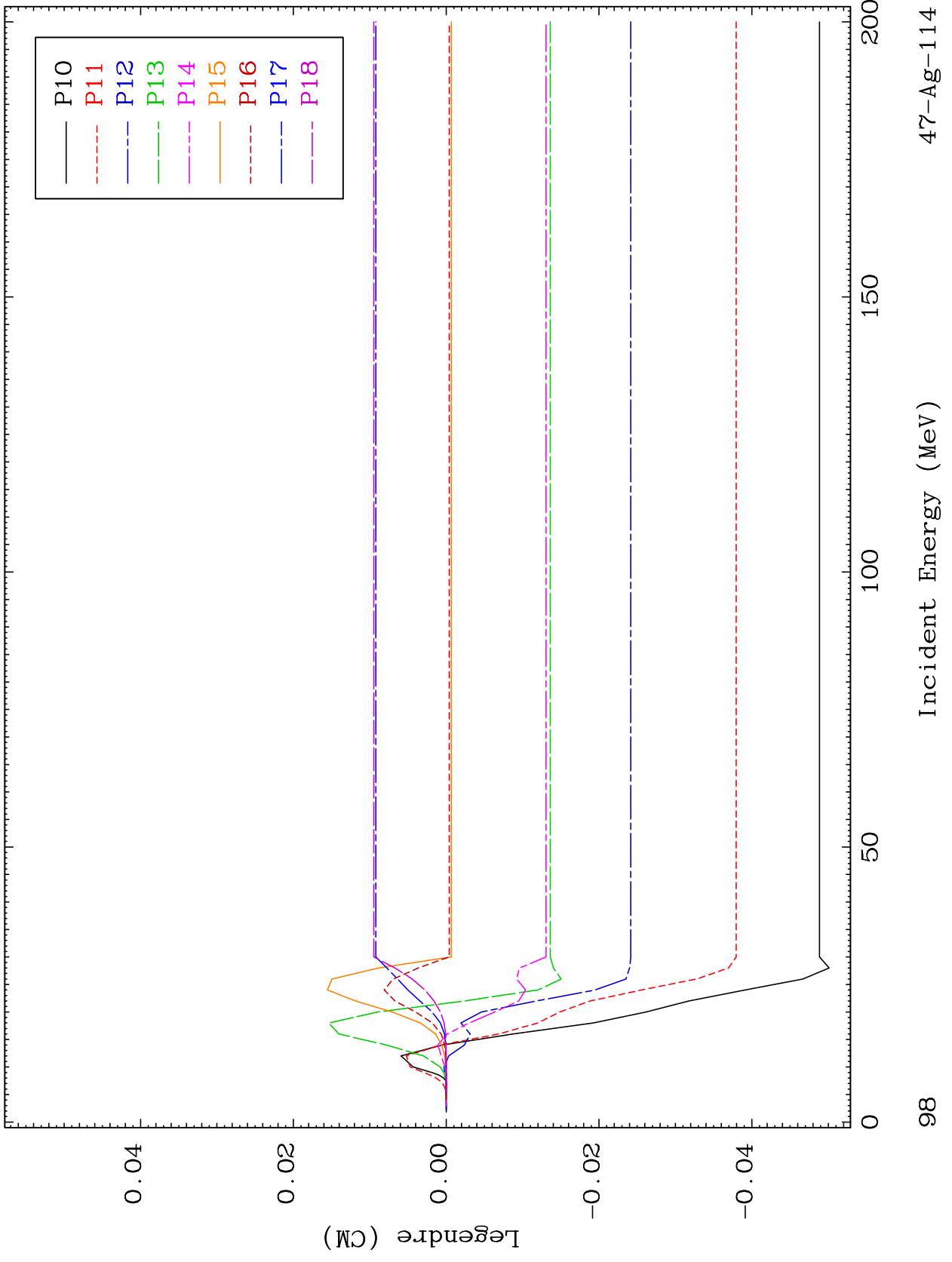
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



47-Ag-114

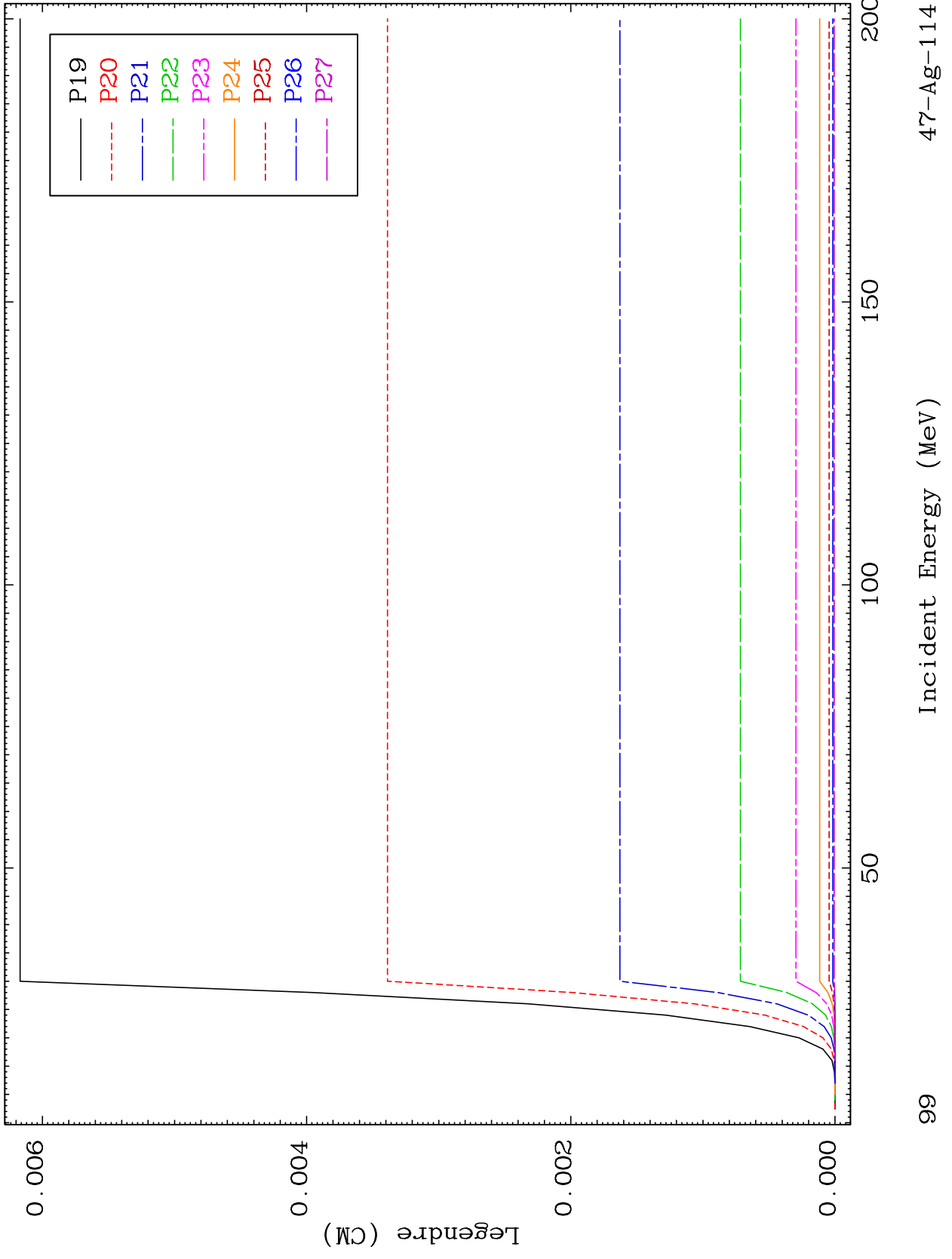
Incident Energy (MeV)

98

MAT 4746

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

47-Ag-114



99

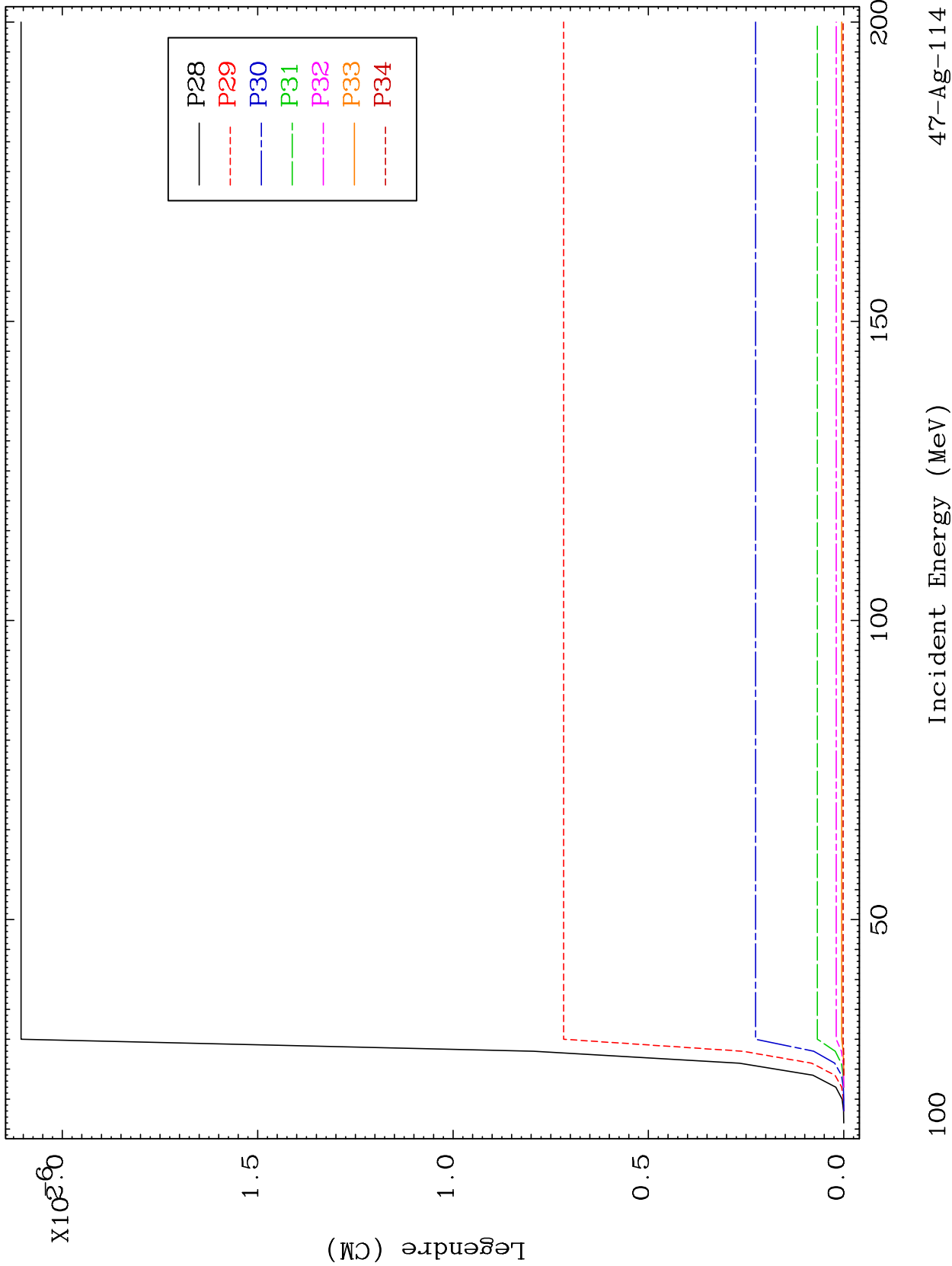
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

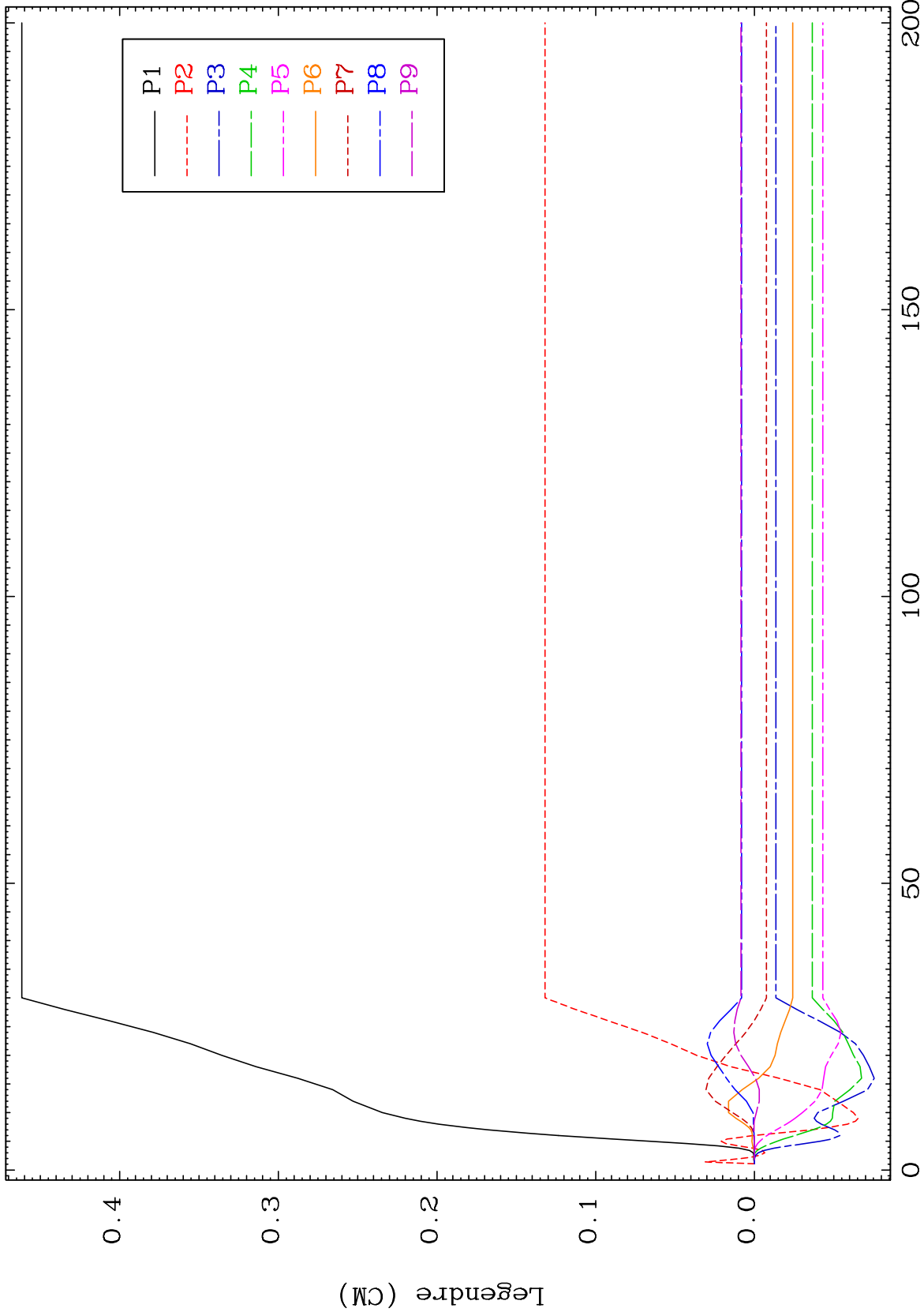
47-Ag-114



MAT 4746

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

47-Ag-114



47-Ag-114

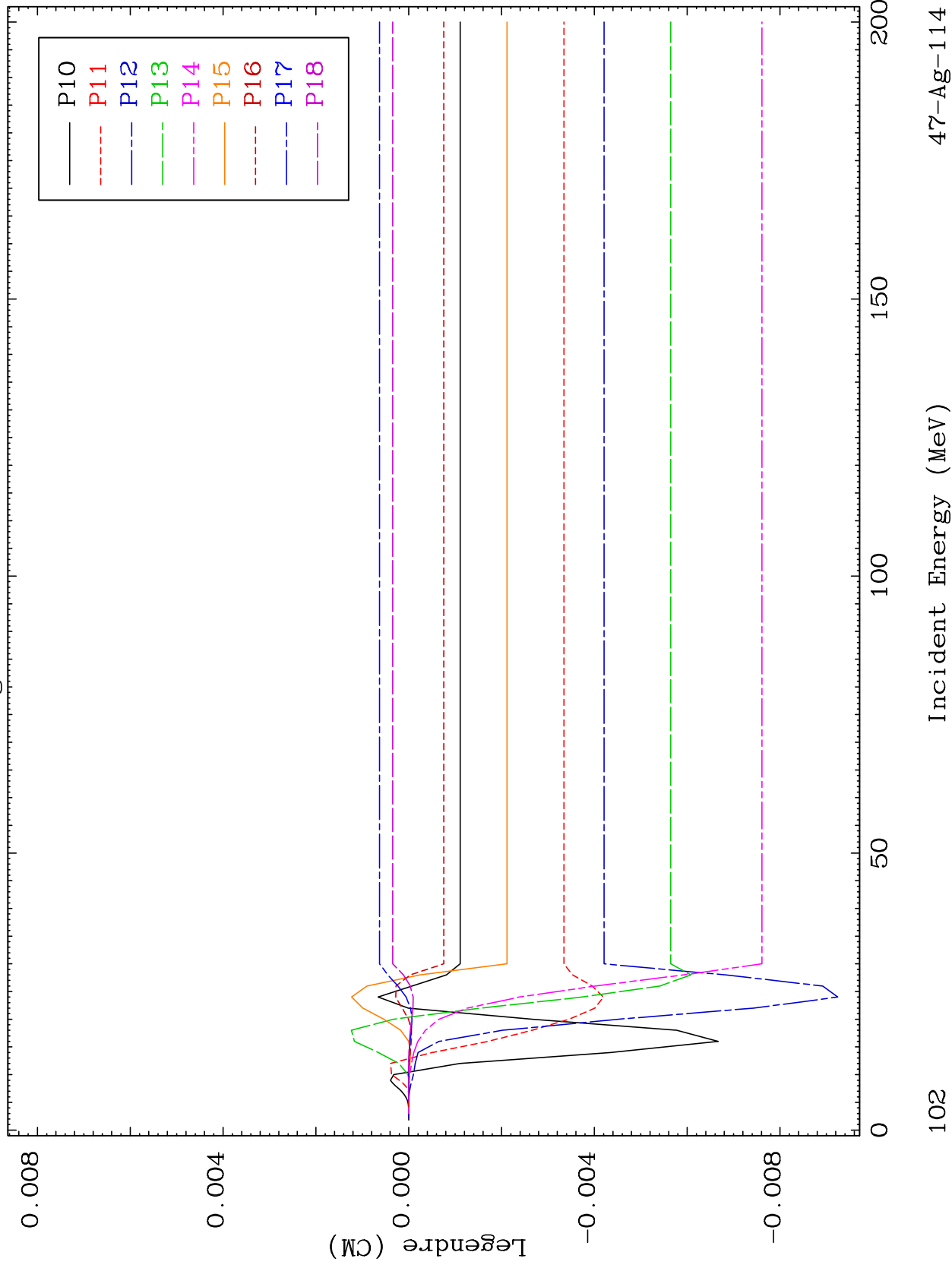
Incident Energy (MeV)

101

MAT 4746

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

47-Ag-114



47-Ag-114

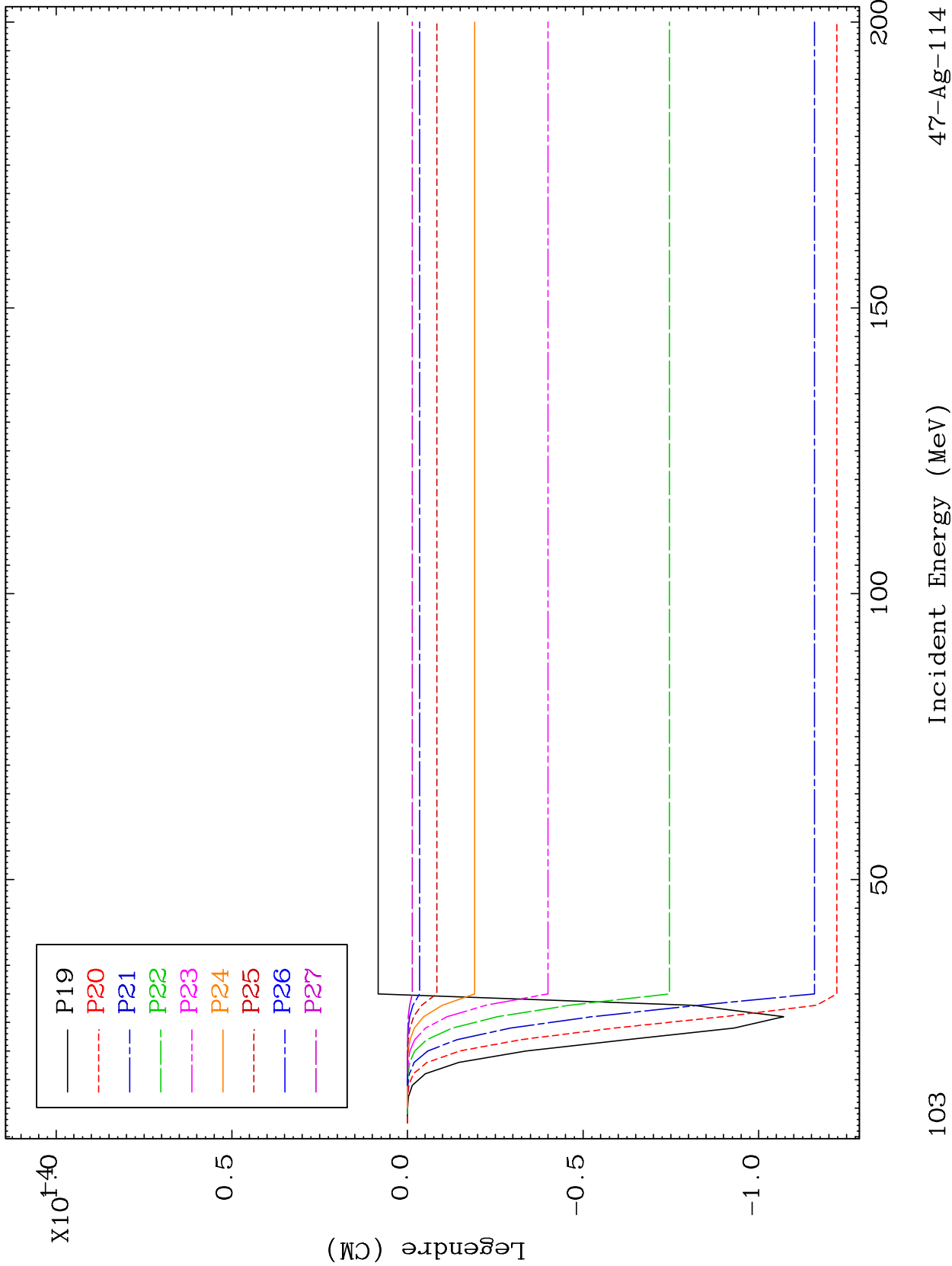
Incident Energy (MeV)

102

MAT 4746

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

47-Ag-114



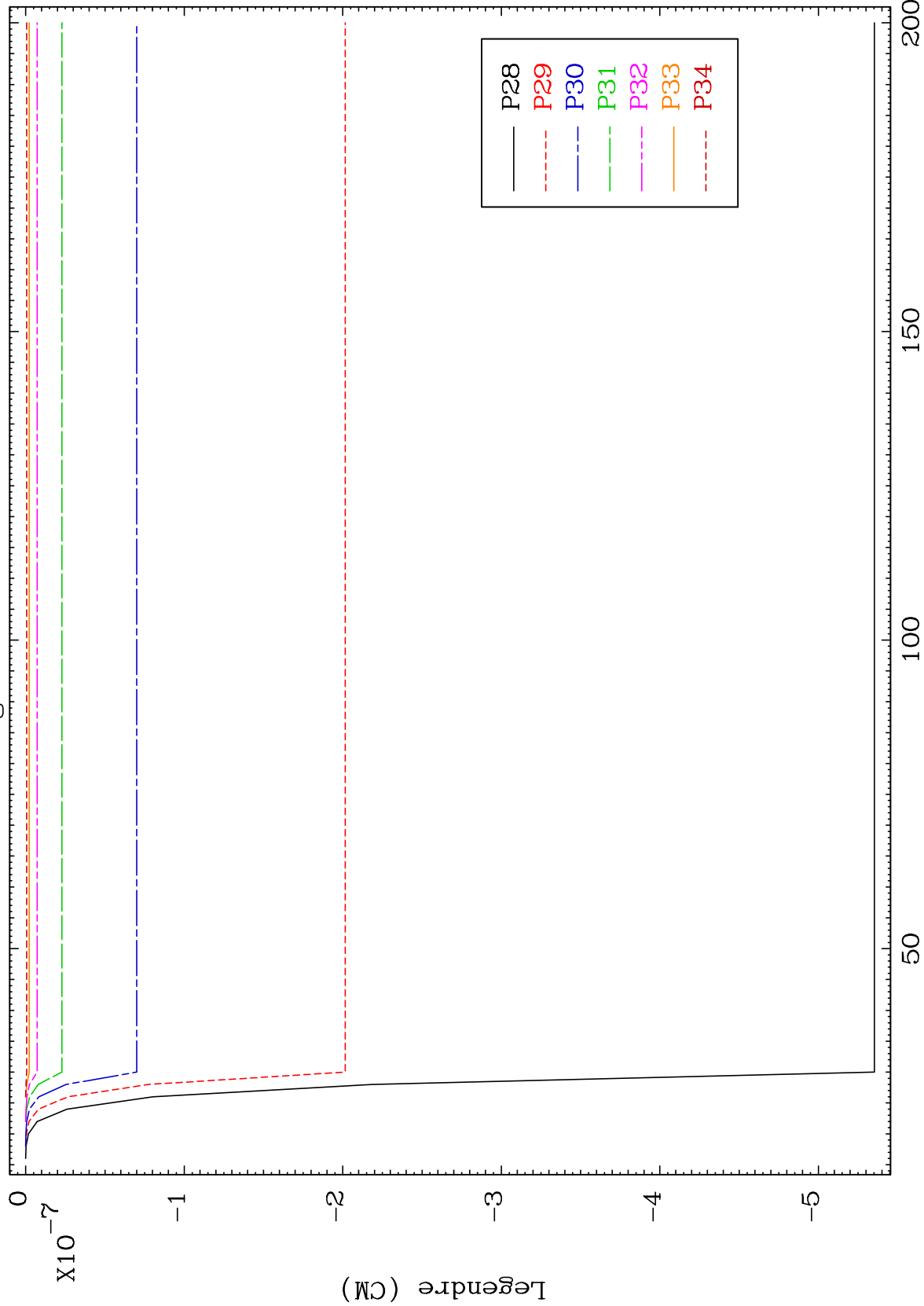


MAT 4746

MT= 75 (n,n') Level

47-Ag-114

Legendre Coefficients



104

Incident Energy (MeV)

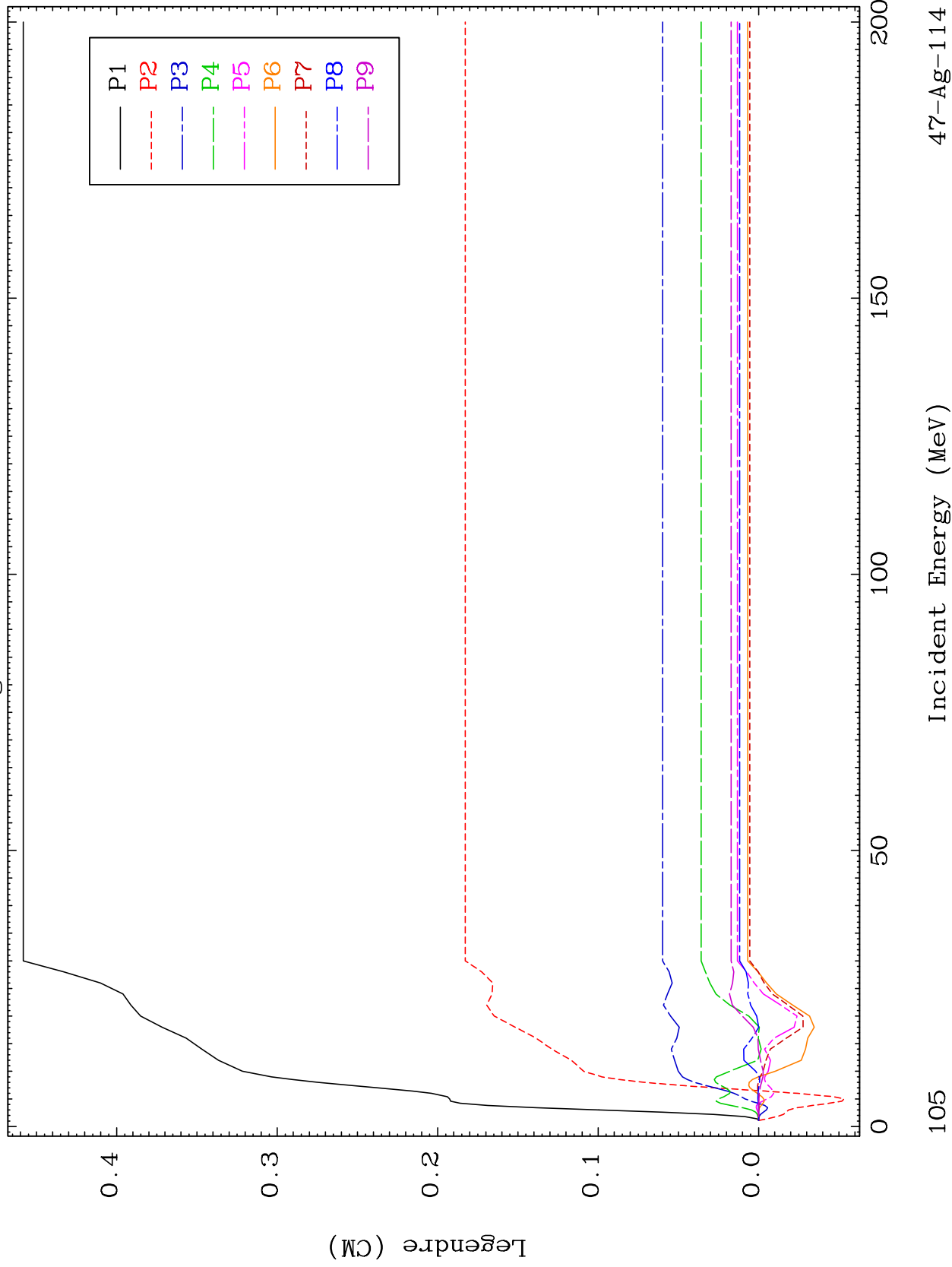
47-Ag-114

MAT 4746

MT= 76 (n,n') Level

47-Ag-114

Legendre Coefficients



47-Ag-114

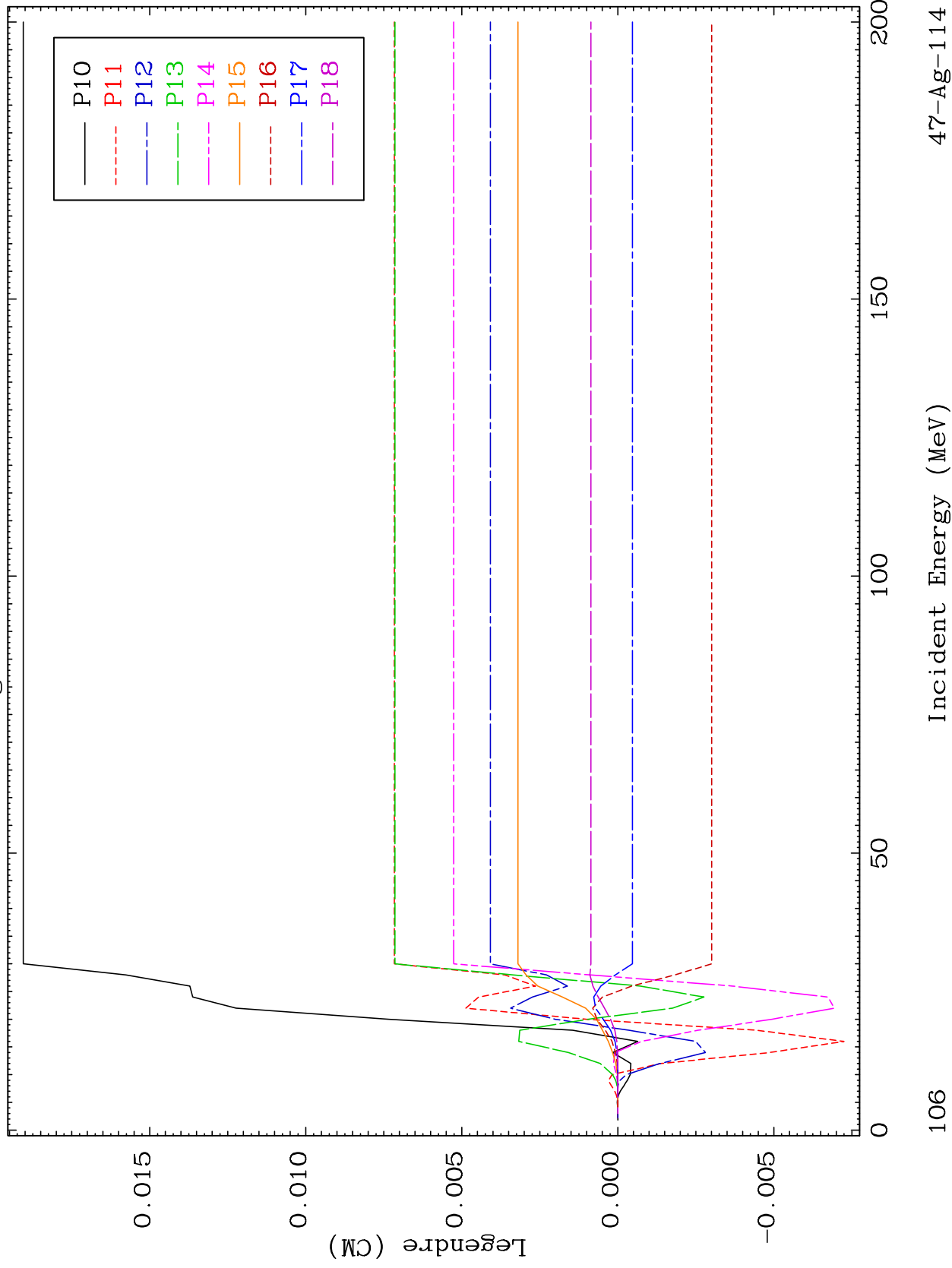
Incident Energy (MeV)

105

MAT 4746

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

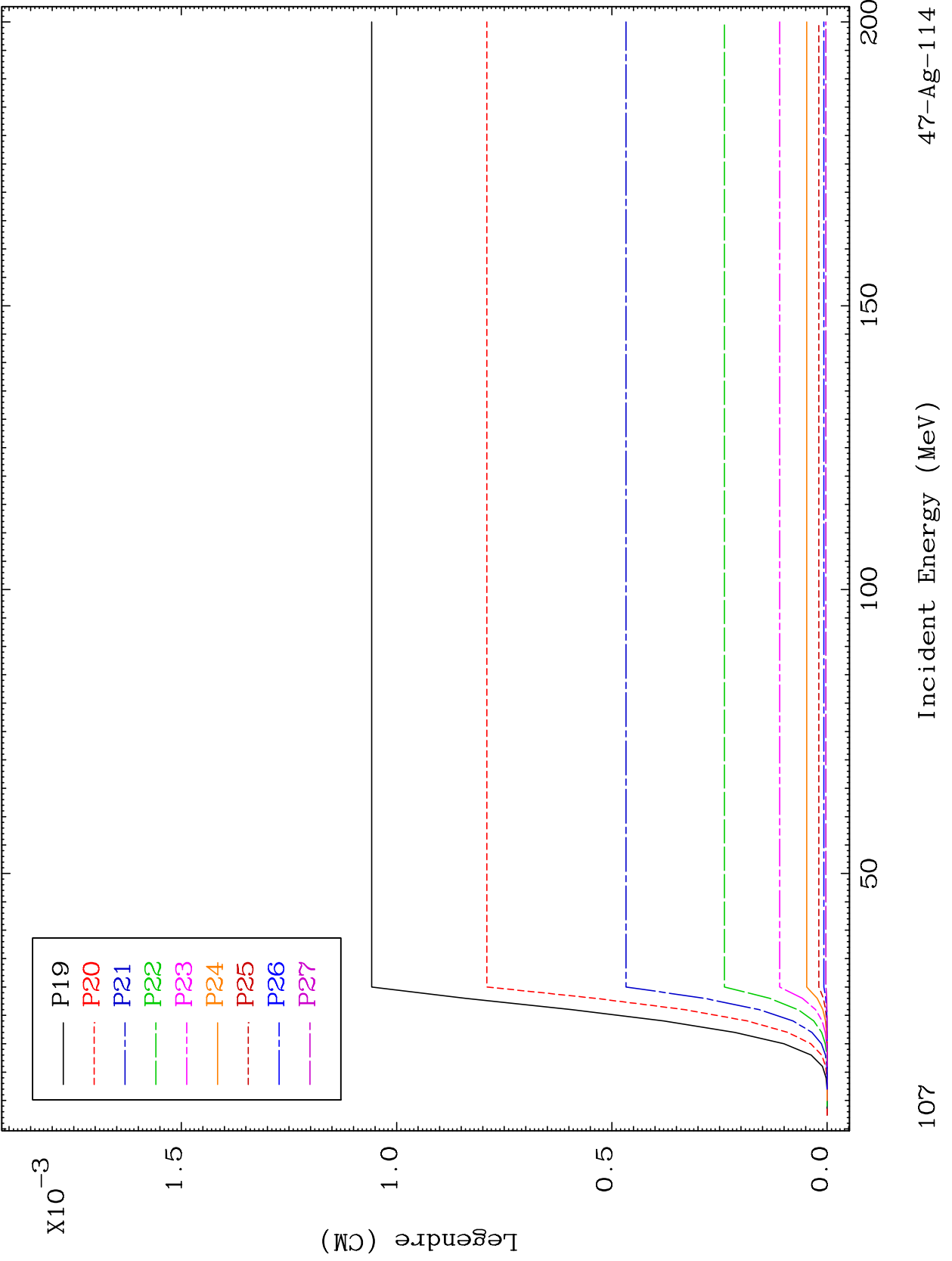
47-Ag-114



MAT 4746

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

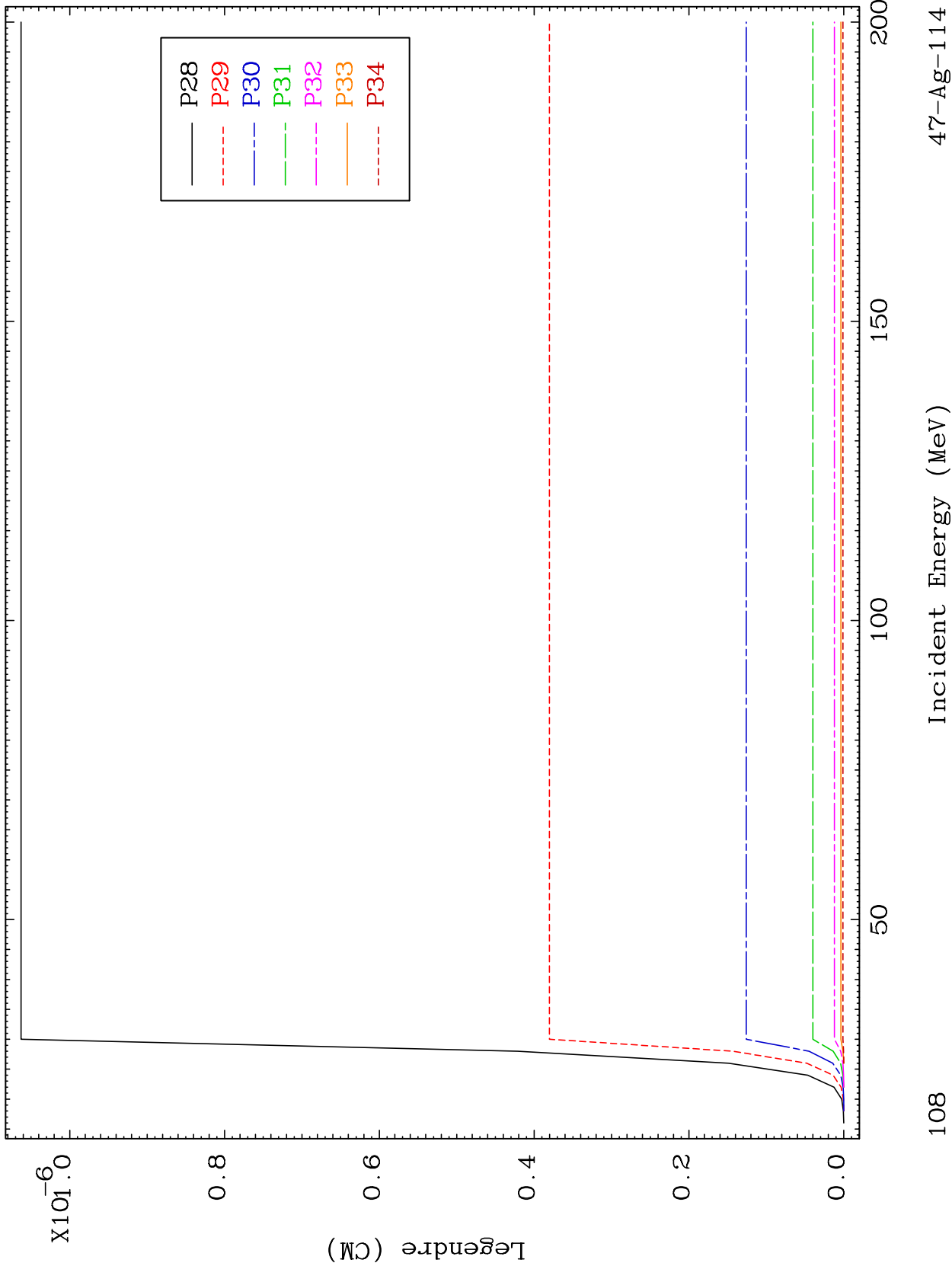
47-Ag-114



MAT 4746

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

47-Ag-114



108

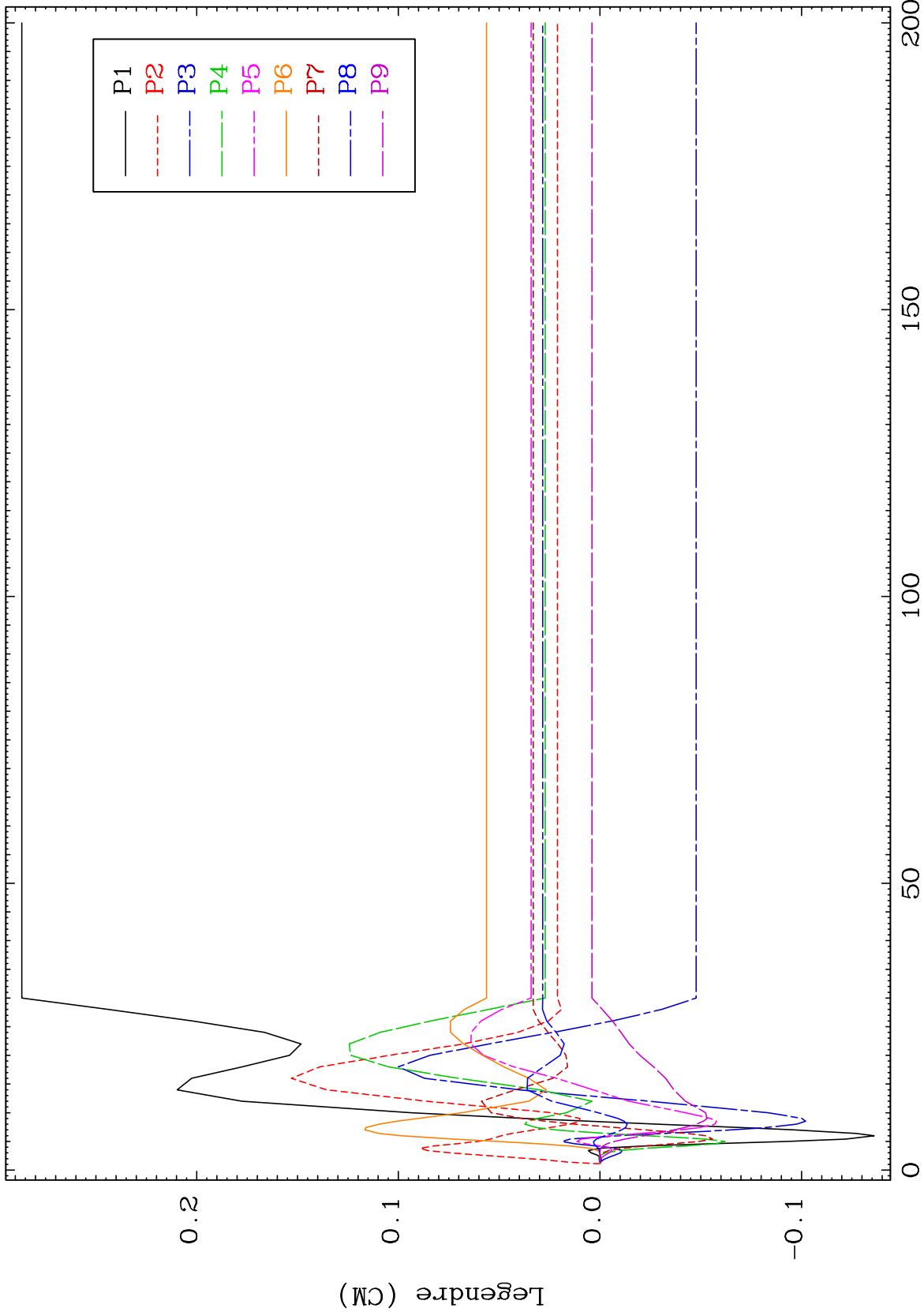
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



109

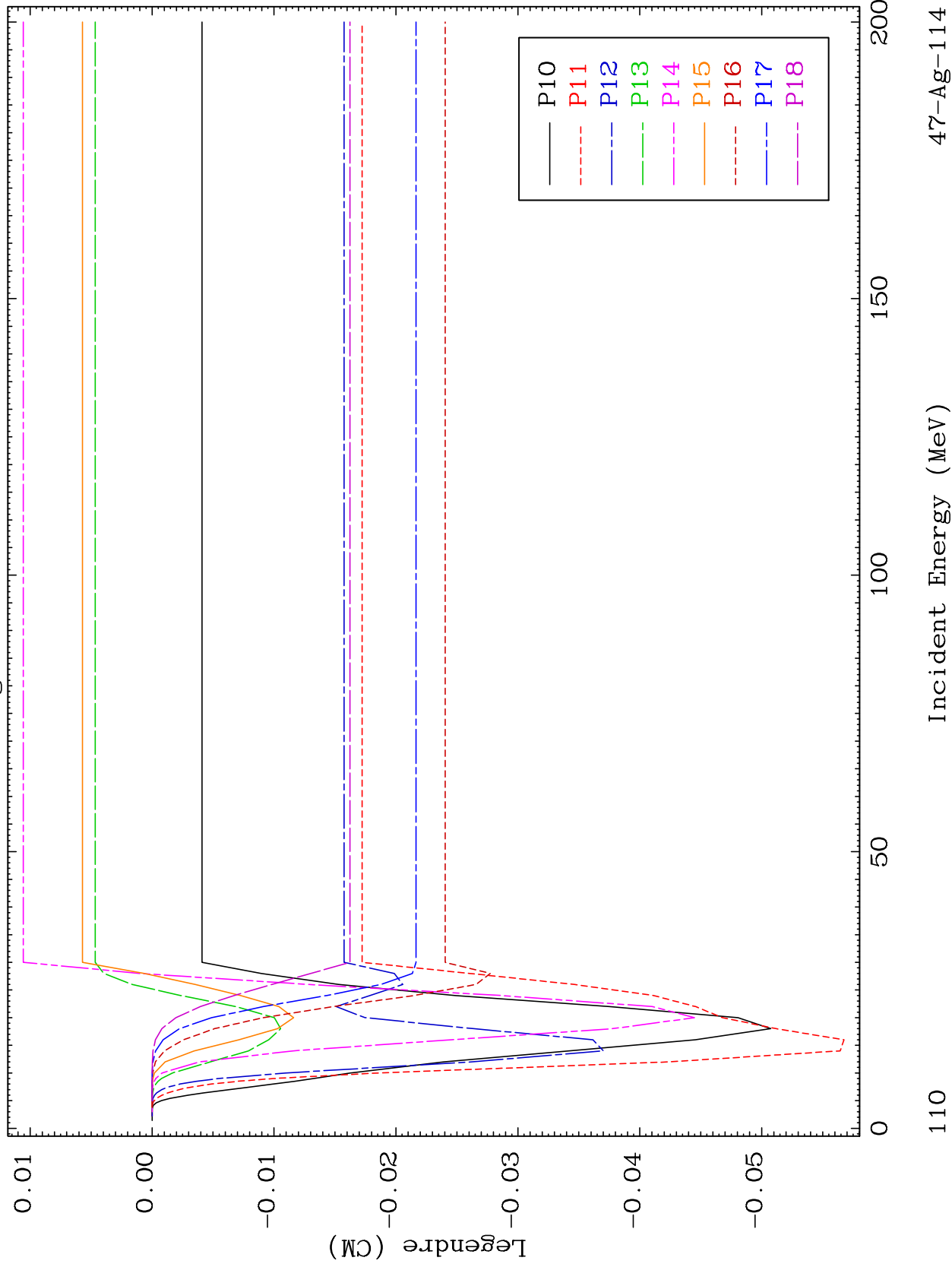
47-Ag-114

47-Ag-114

MAT 4746

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

47-Ag-114

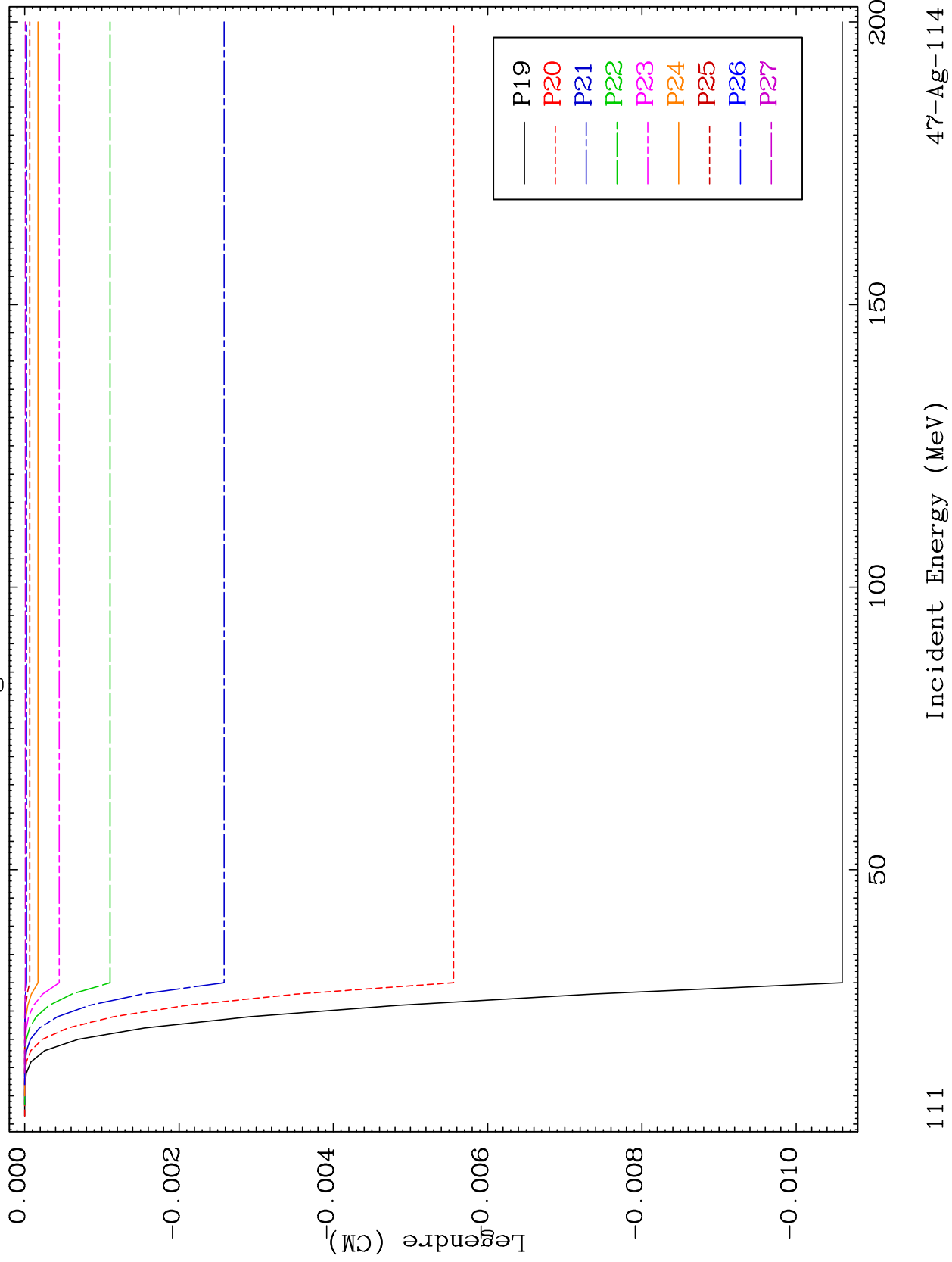


MAT 4746

MT= 77 (n,n') Level

47-Ag-114

Legendre Coefficients



111

Incident Energy (MeV)

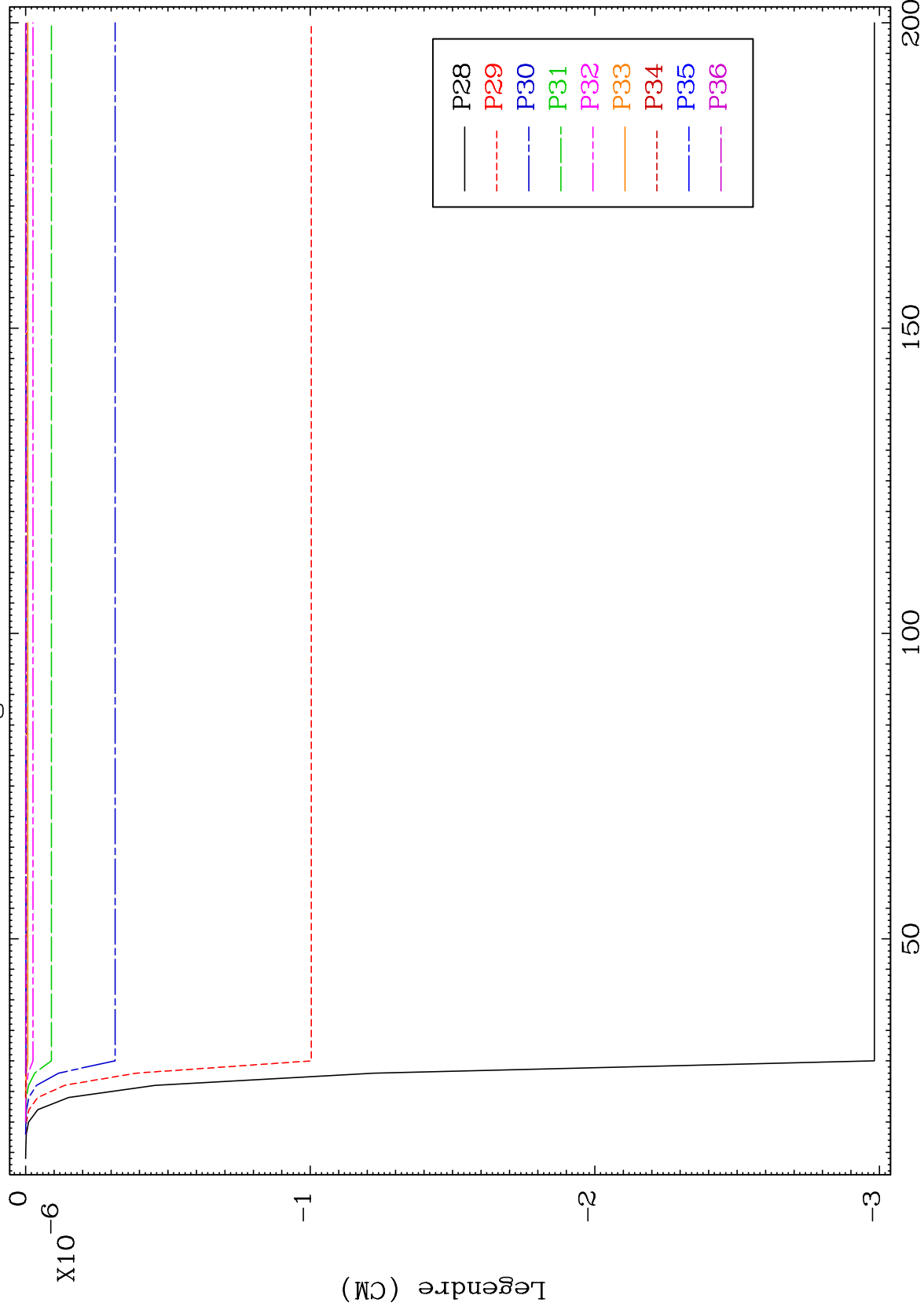
47-Ag-114



MAT 4746

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

47-Ag-114



112

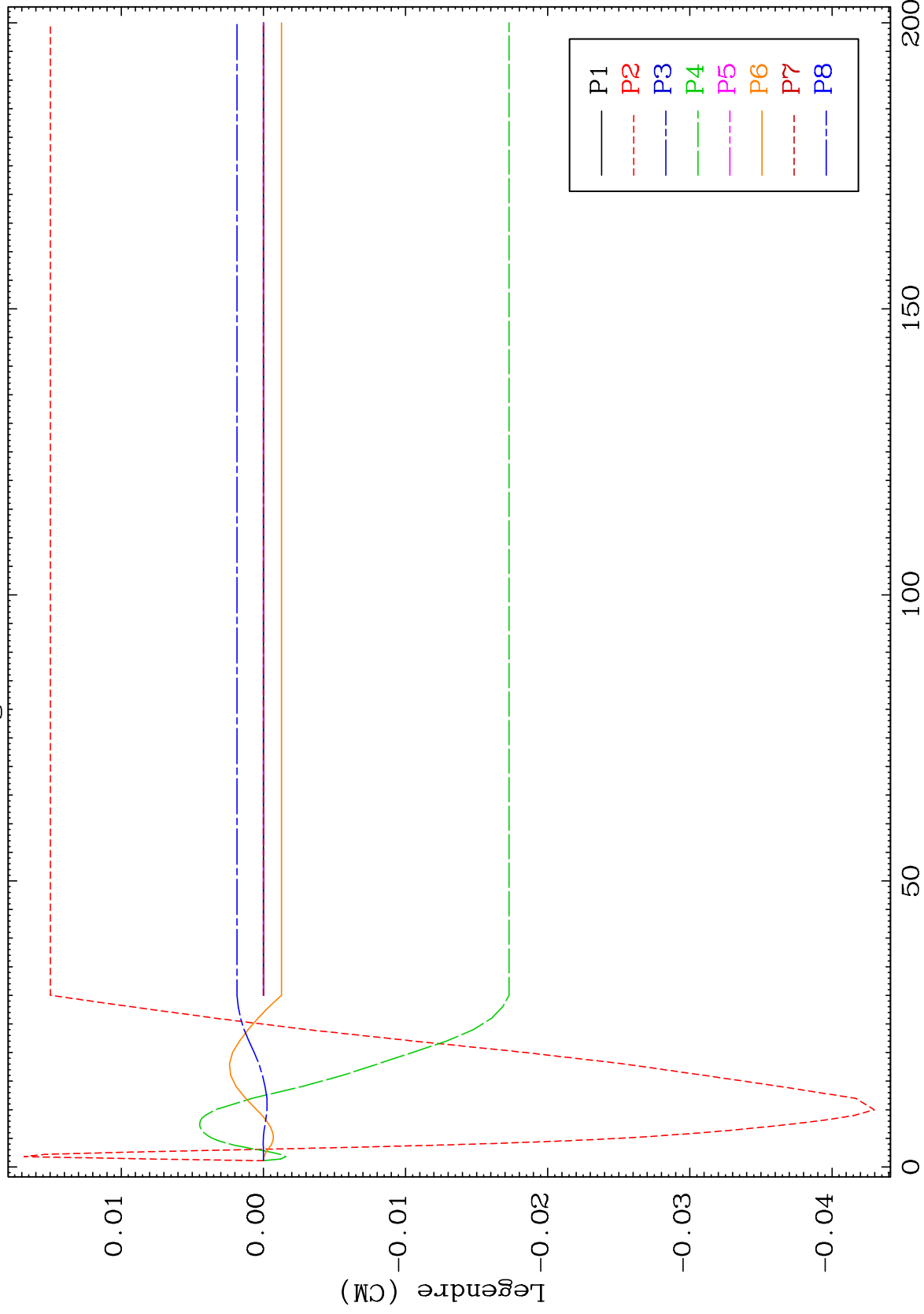
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



113

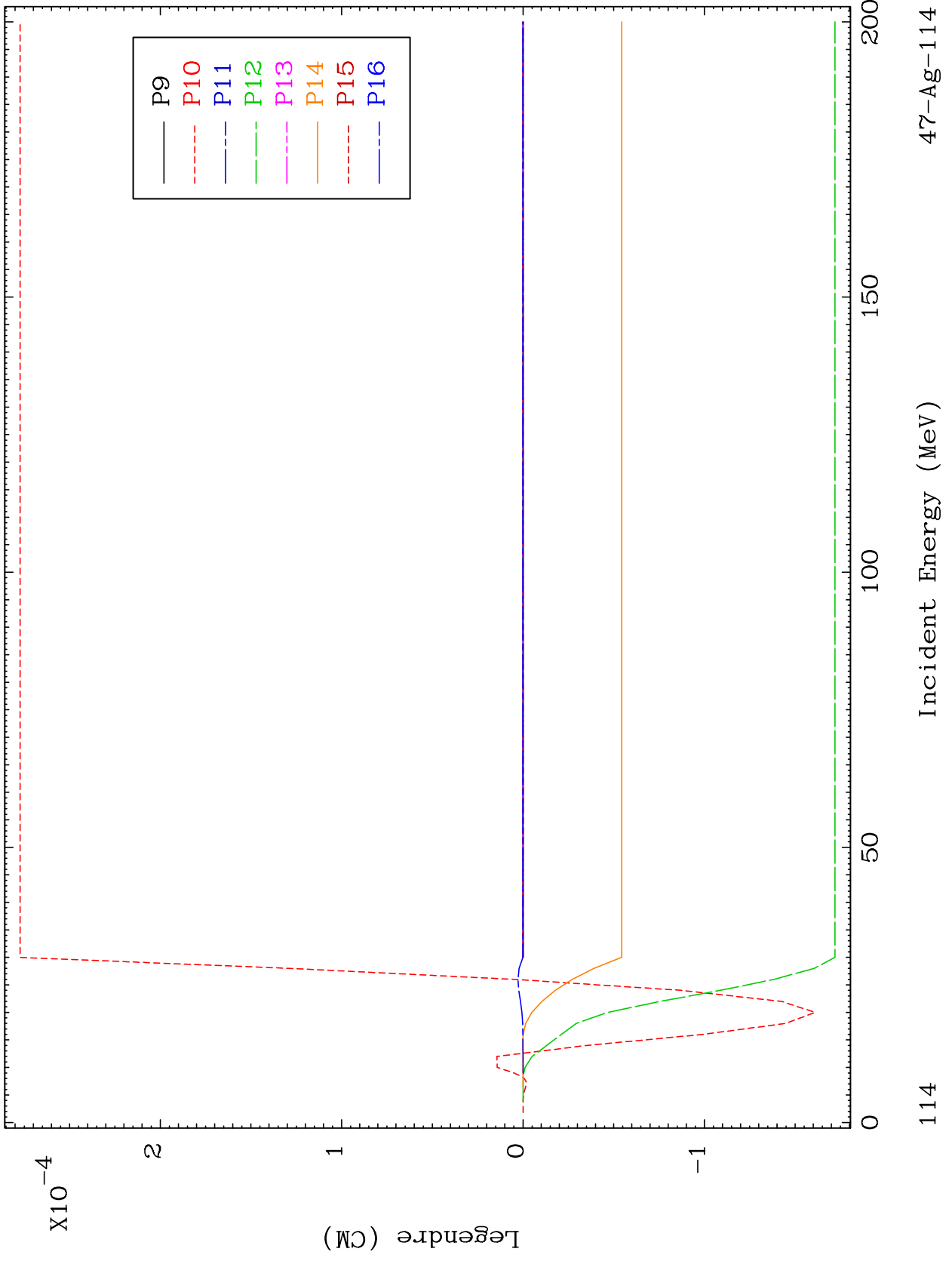
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114

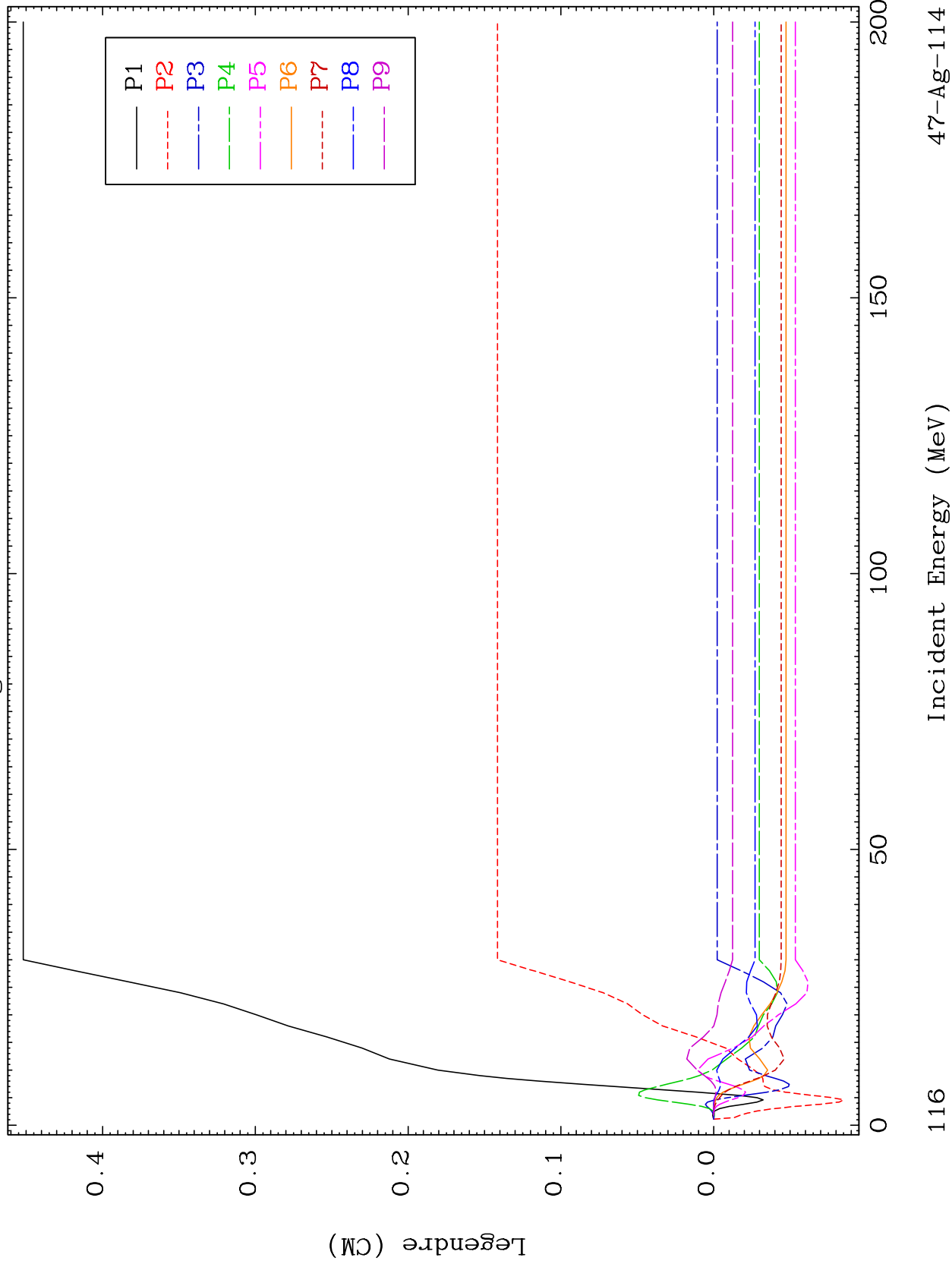




MAT 4746

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

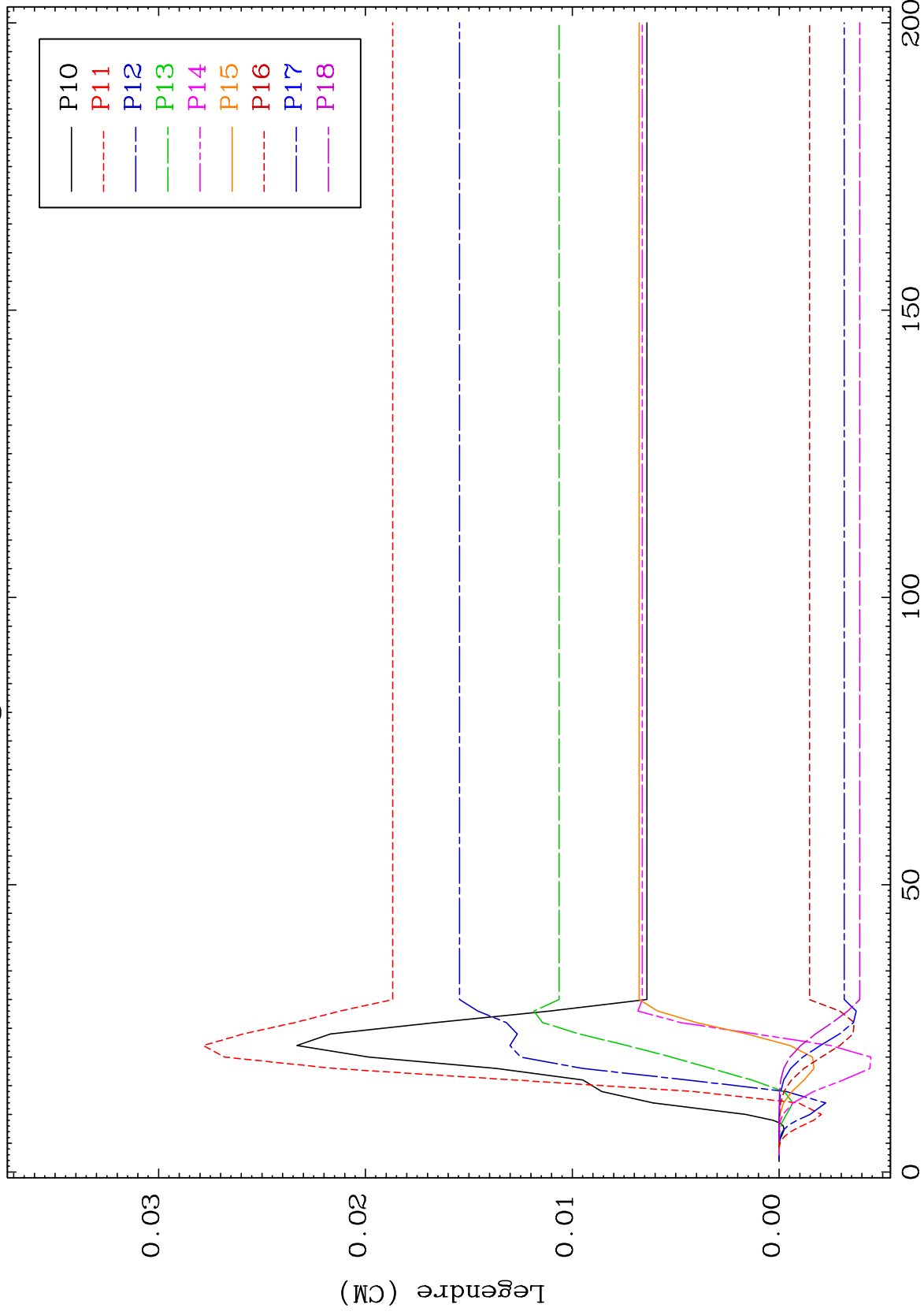
47-Ag-114



MAT 4746

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

47-Ag-114



117

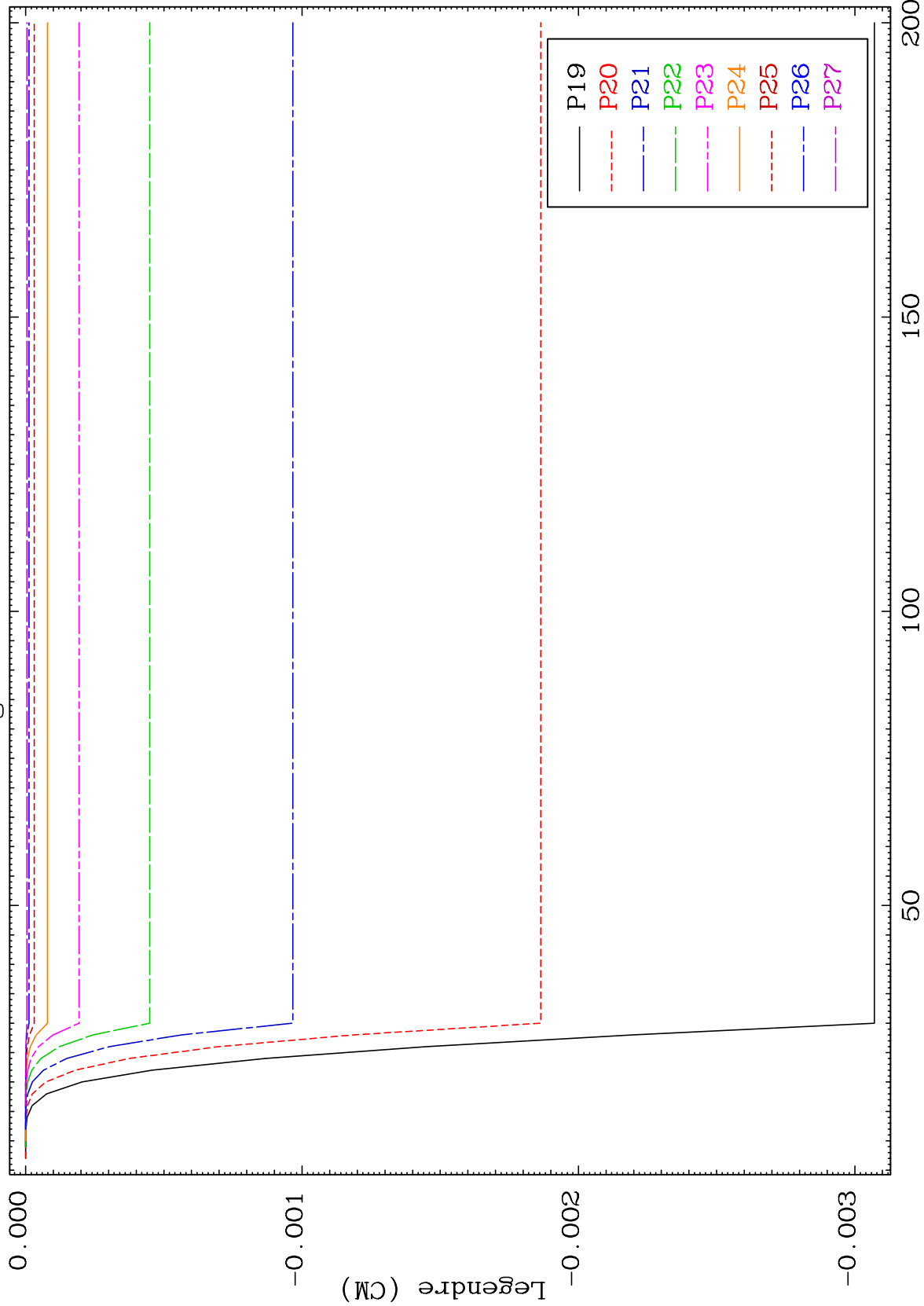
Incident Energy (MeV)

47-Ag-114

MAT 4746

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

47-Ag-114



118

Incident Energy (MeV)

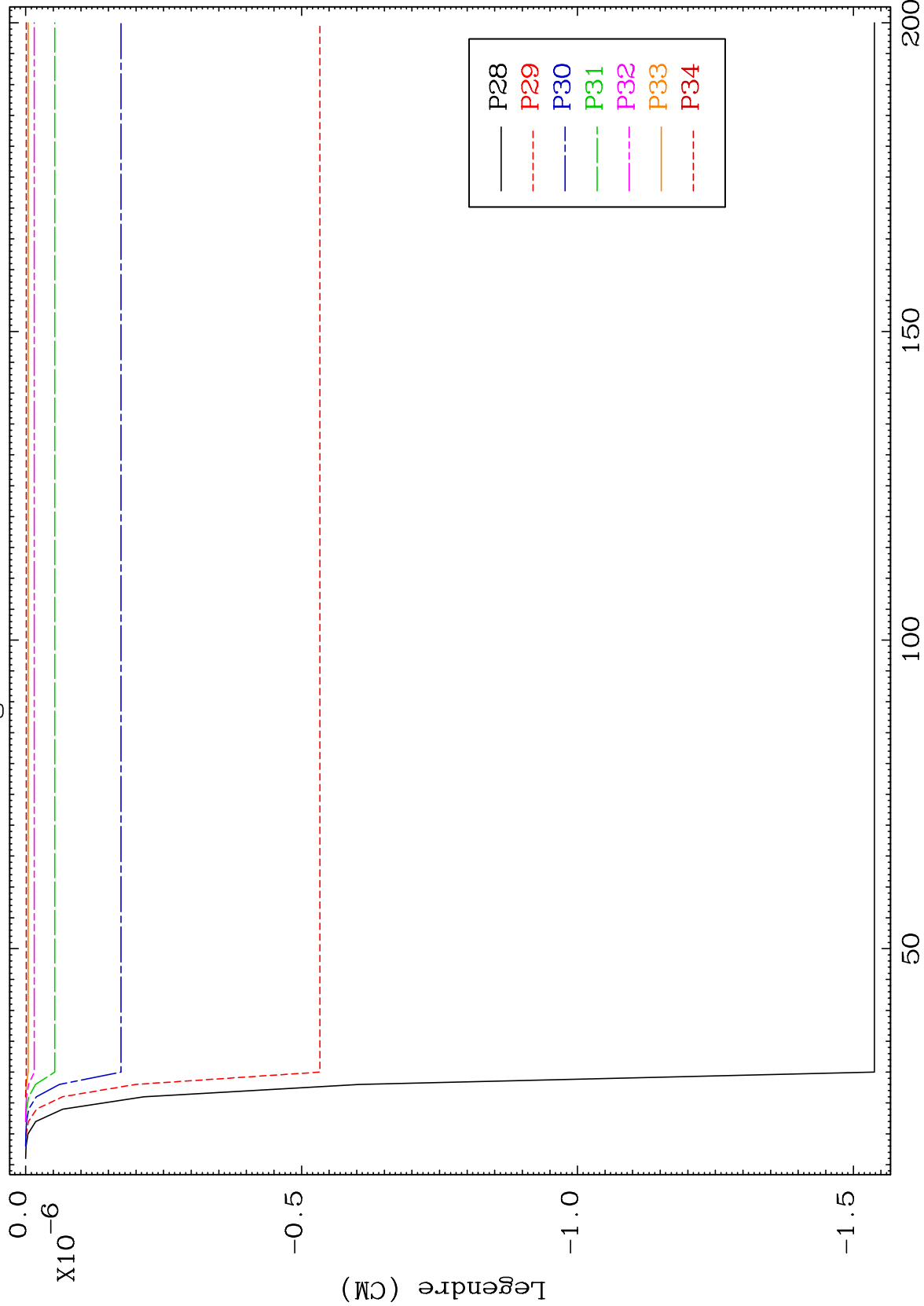
47-Ag-114

MAT 4746

MT= 79 (n,n') Level

47-Ag-114

Legendre Coefficients



119

Incident Energy (MeV)

47-Ag-114

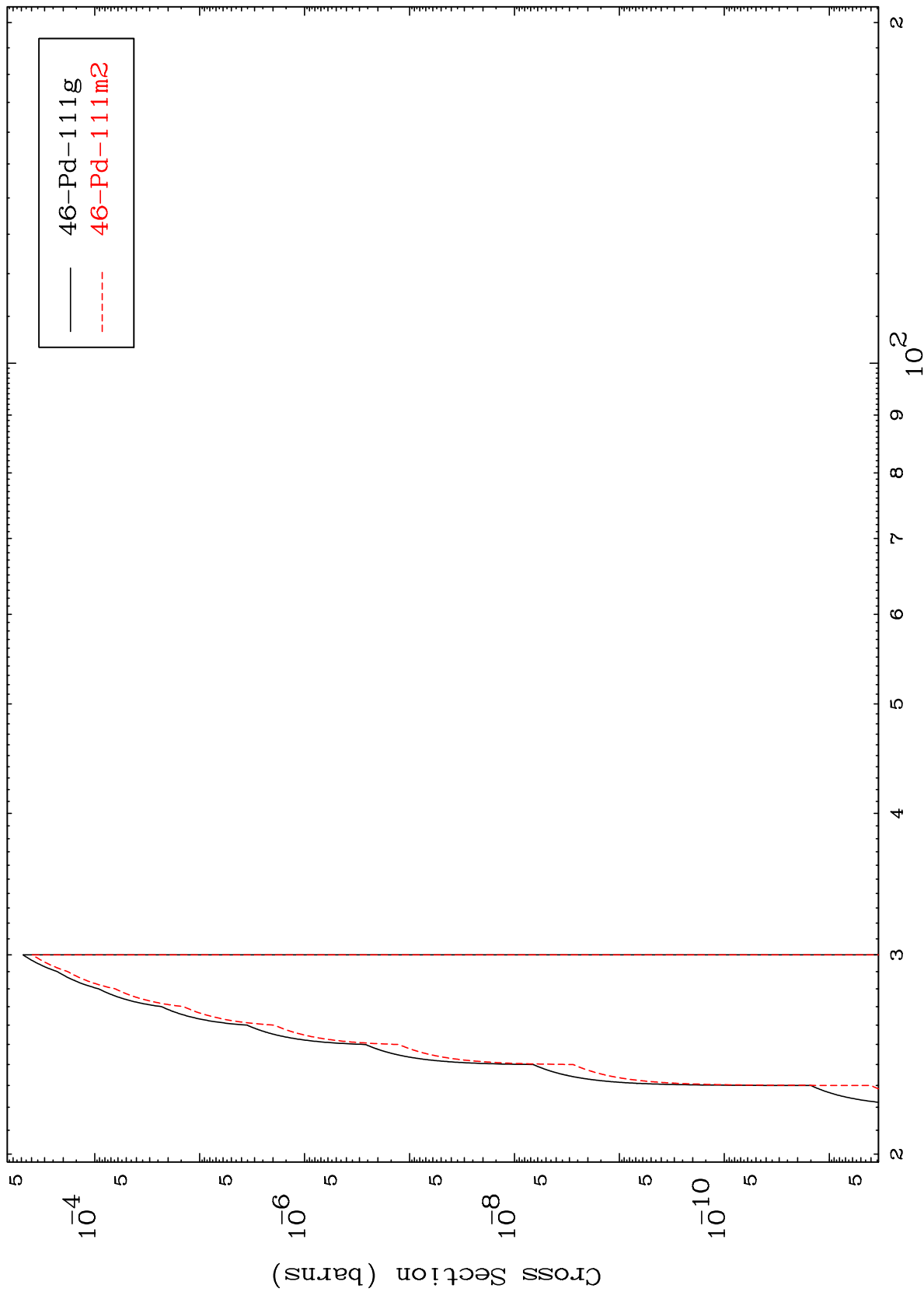


MAT 4746

(n,2n) d

47-Ag-114

Radionuclide Production Cross Section



120

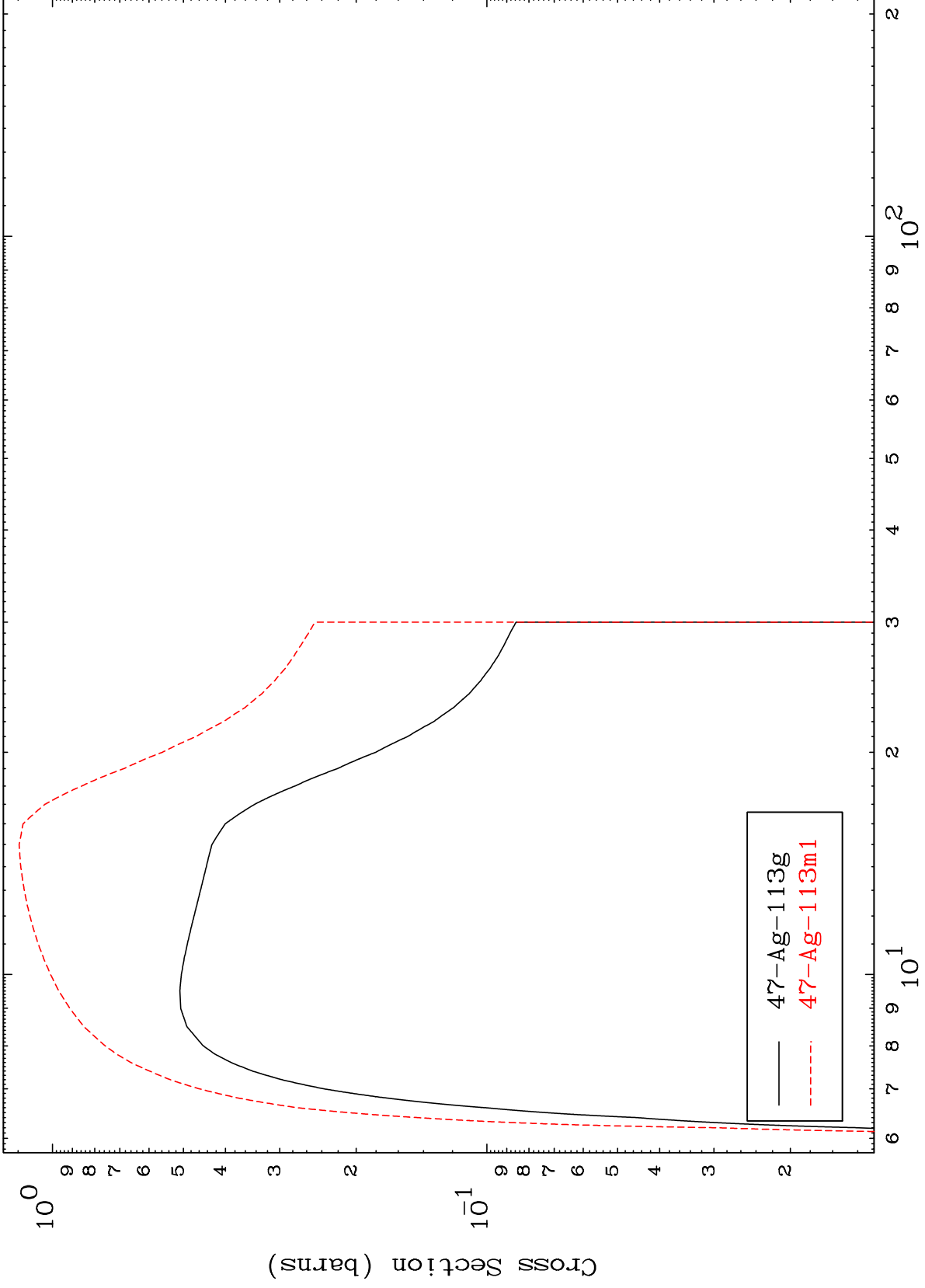
Incident Energy (MeV)

47-Ag-114

MAT 4746

47-Ag-114

(n,2n)  
Radionuclide Production Cross Section

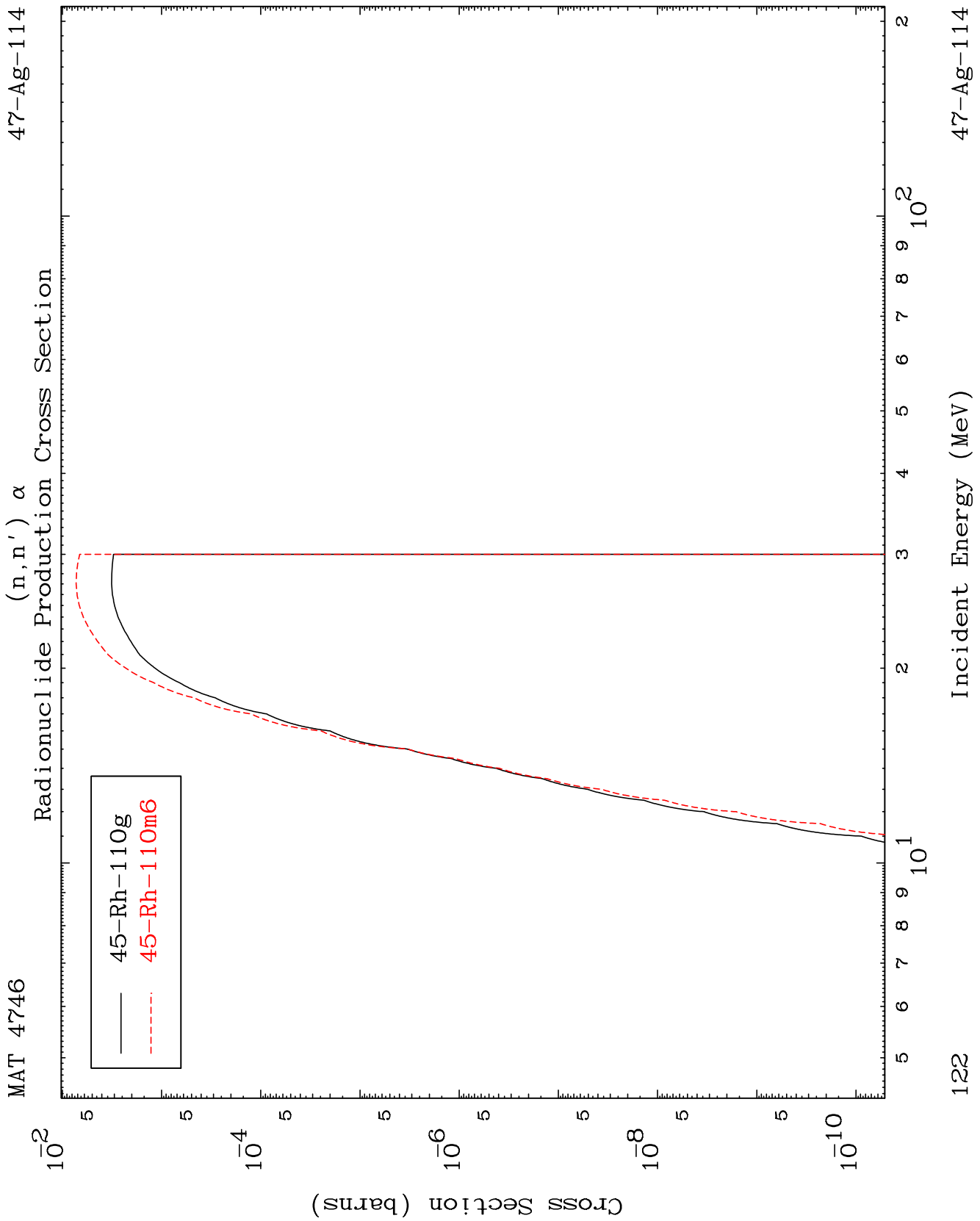


— 47-Ag-113g  
- - - 47-Ag-113m1

121

Incident Energy (MeV)

47-Ag-114

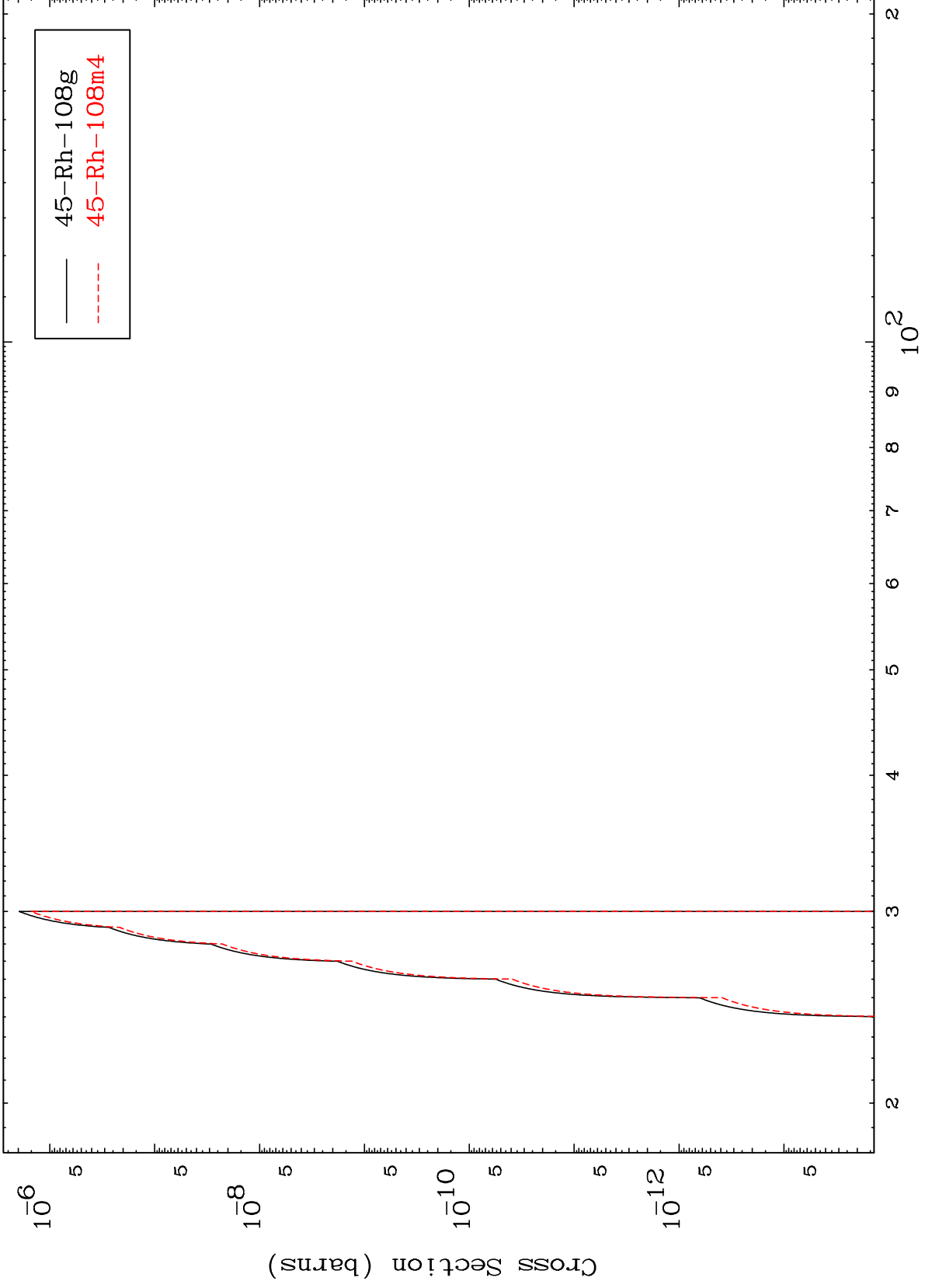


MAT 4746

(n,3n)  $\alpha$

47-Ag-114

Radionuclide Production Cross Section



123

Incident Energy (MeV)

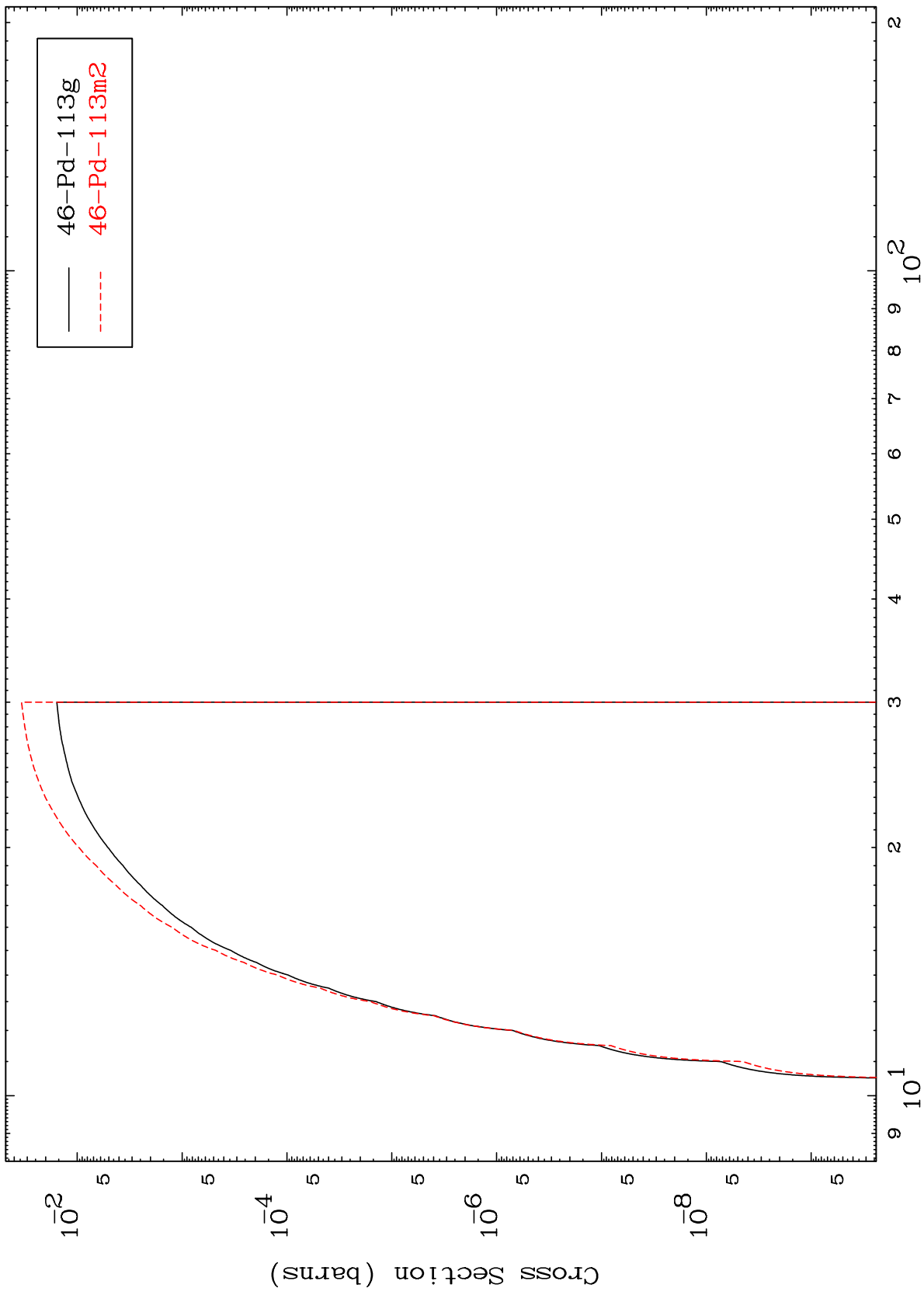
47-Ag-114

MAT 4746

(n,n') p

47-Ag-114

Radionuclide Production Cross Section



124

Incident Energy (MeV)

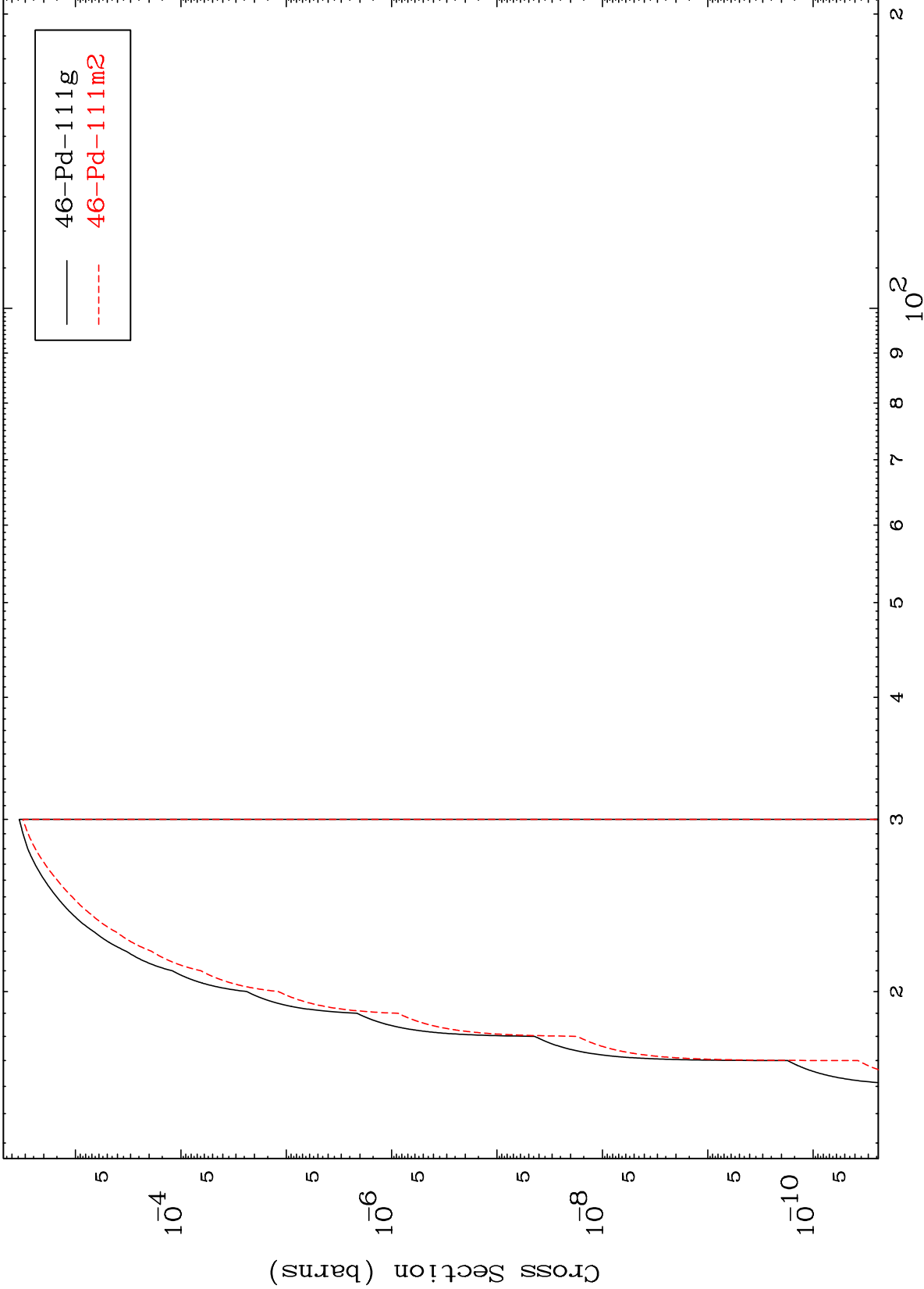
47-Ag-114

MAT 4746

(n,n') t

47-Ag-114

Radionuclide Production Cross Section



125

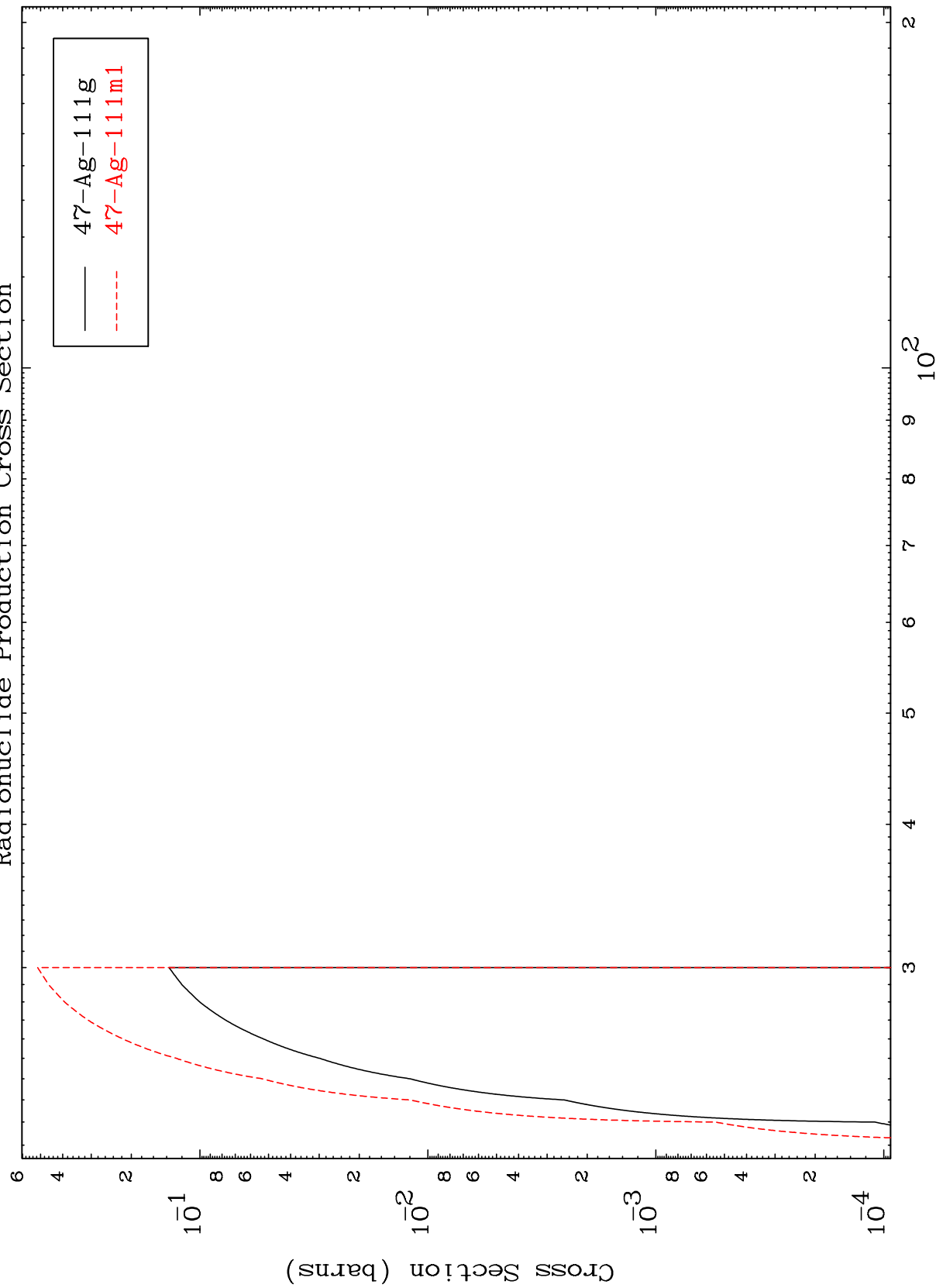
Incident Energy (MeV)

47-Ag-114

MAT 4746

47-Ag-114

(n,4n)  
Radionuclide Production Cross Section



126

Incident Energy (MeV)

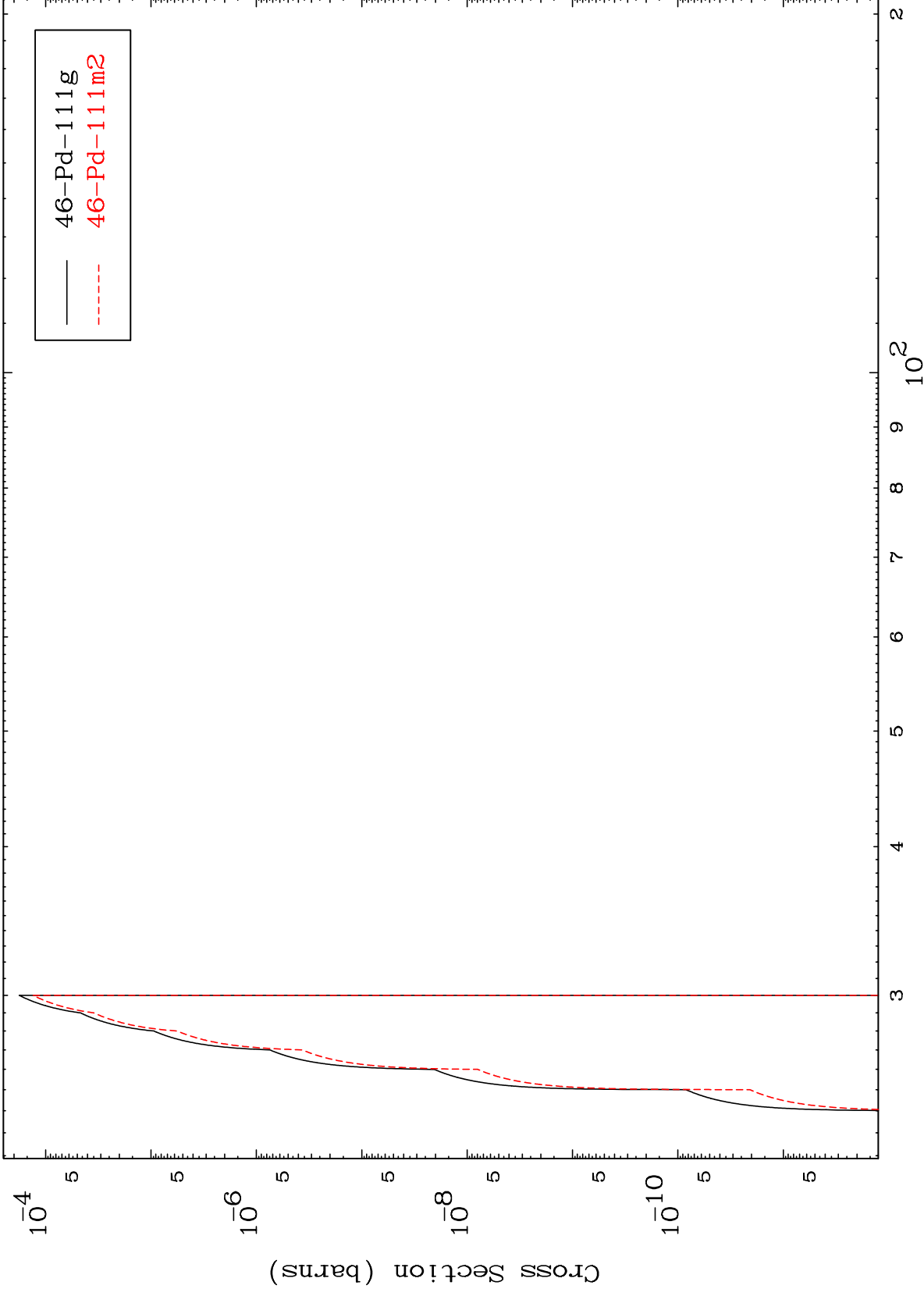
47-Ag-114

MAT 4746

(n,3n) p

47-Ag-114

Radionuclide Production Cross Section



127

Incident Energy (MeV)

47-Ag-114

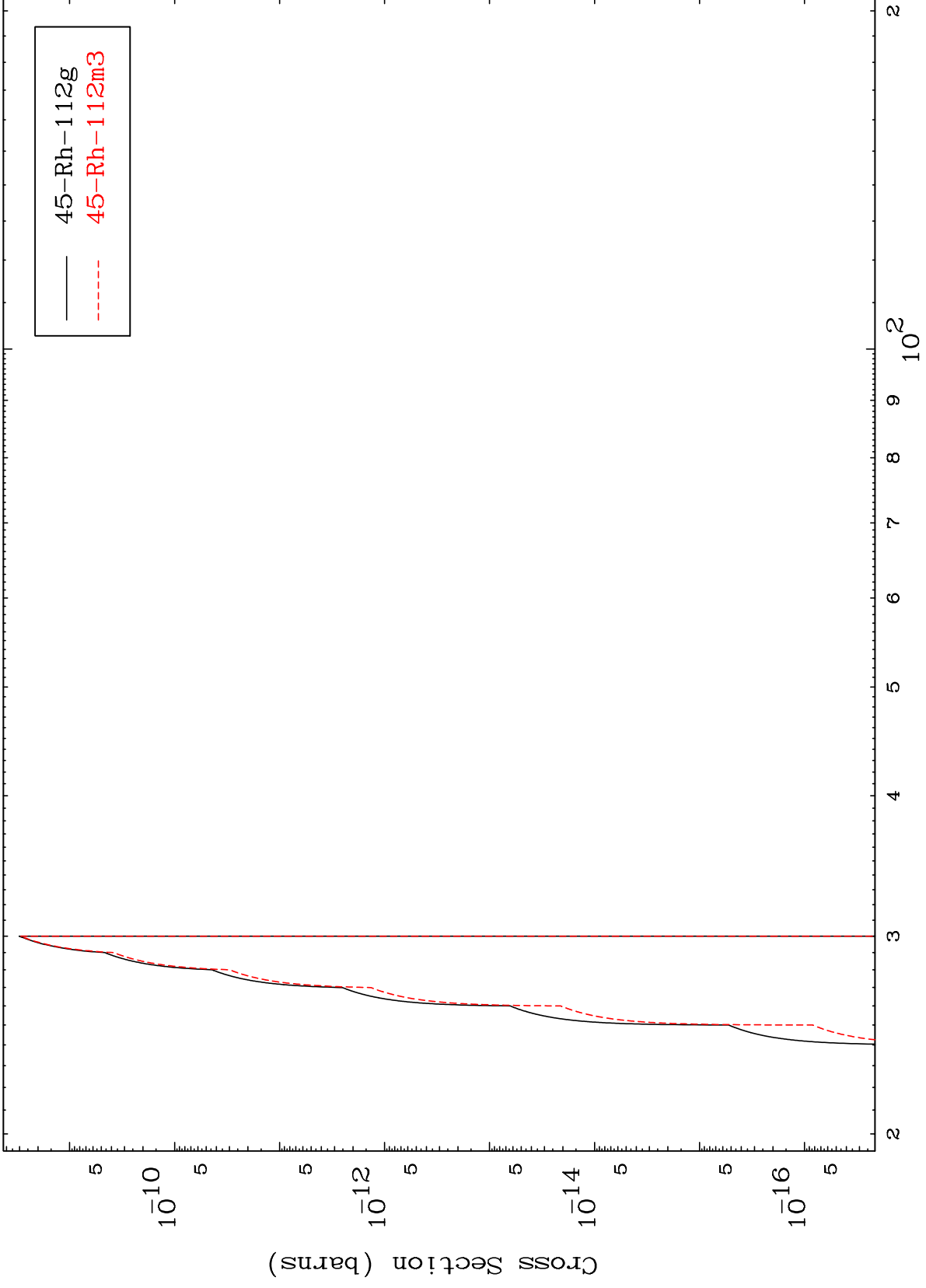


MAT 4746

(n,2n) p

47-Ag-114

Radionuclide Production Cross Section



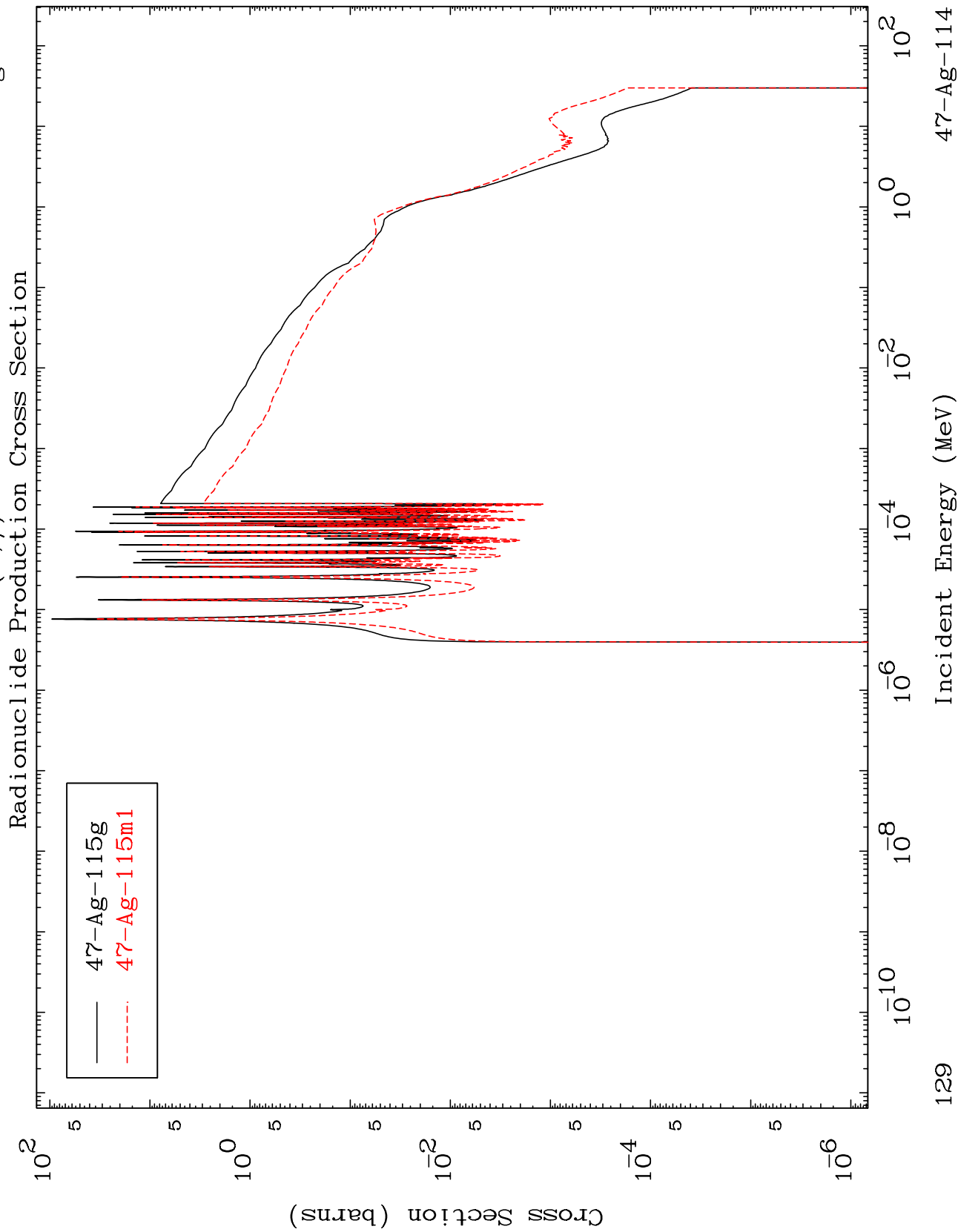
128

Incident Energy (MeV)

47-Ag-114

MAT 4746

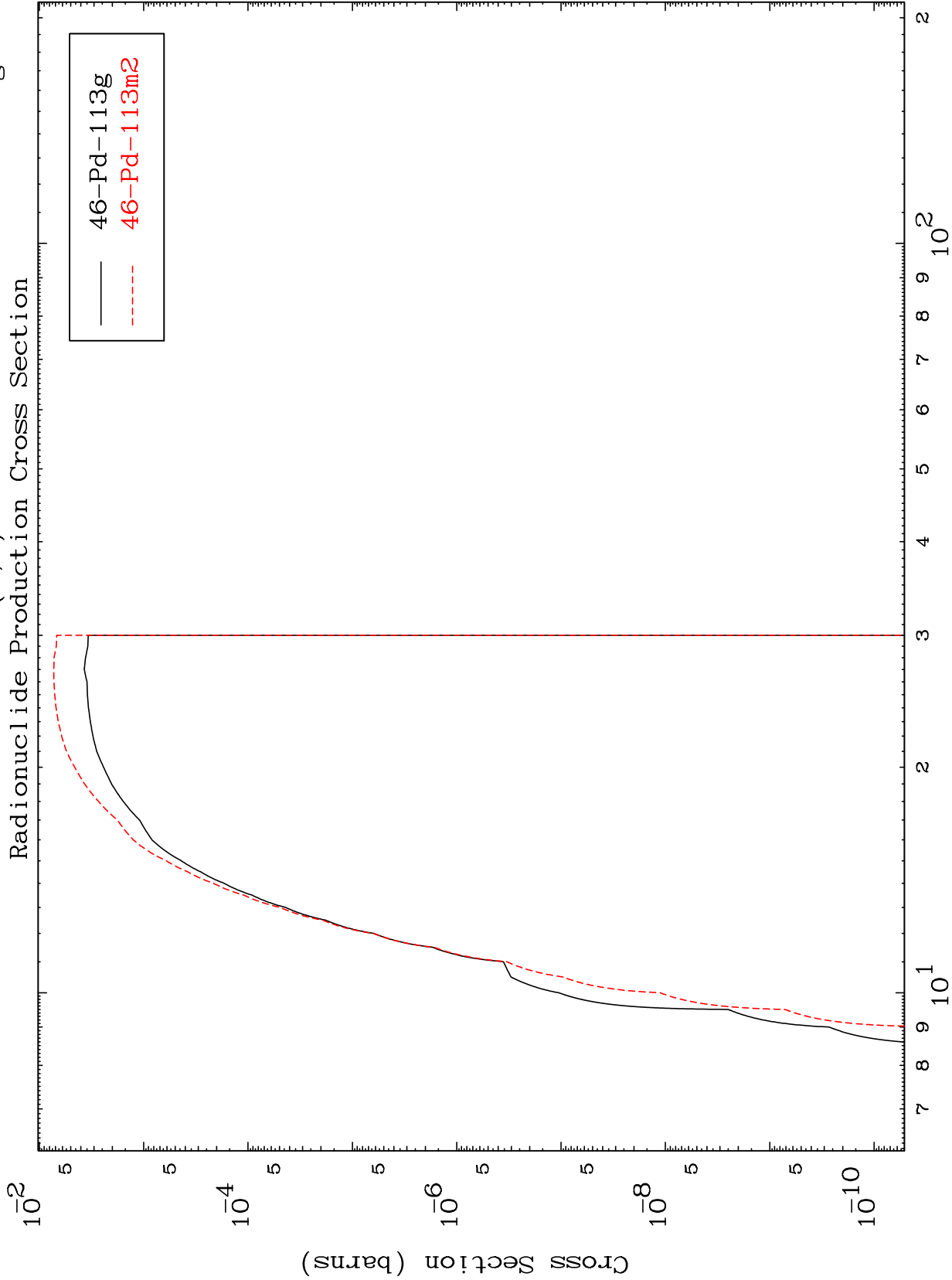
47-Ag-114



MAT 4746

47-Ag-114

(n,d)  
Radionuclide Production Cross Section



47-Ag-114

Incident Energy (MeV)

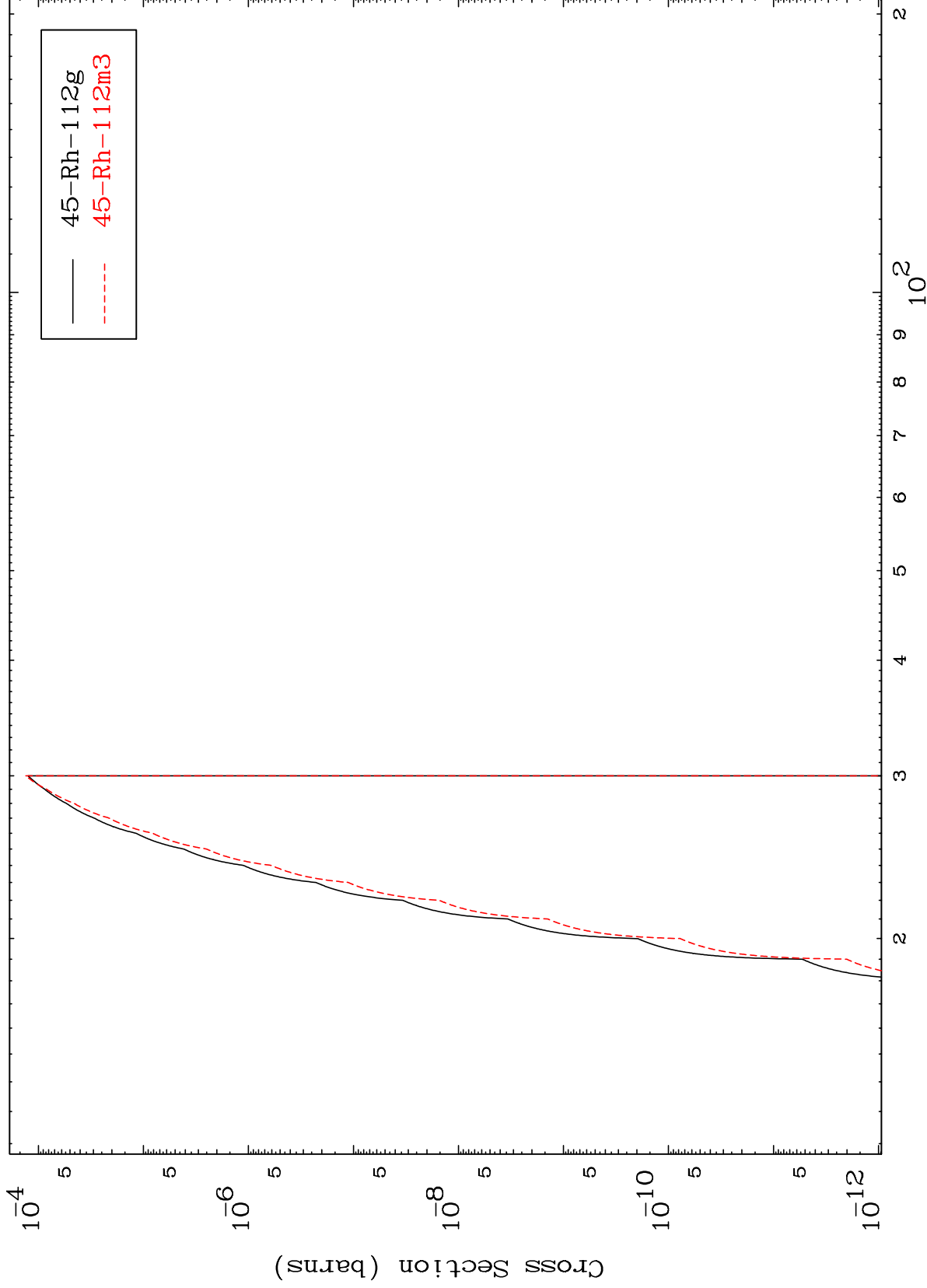
130

MAT 4746

(n,He-3)

47-Ag-114

Radionuclide Production Cross Section



131

Incident Energy (MeV)

47-Ag-114