

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

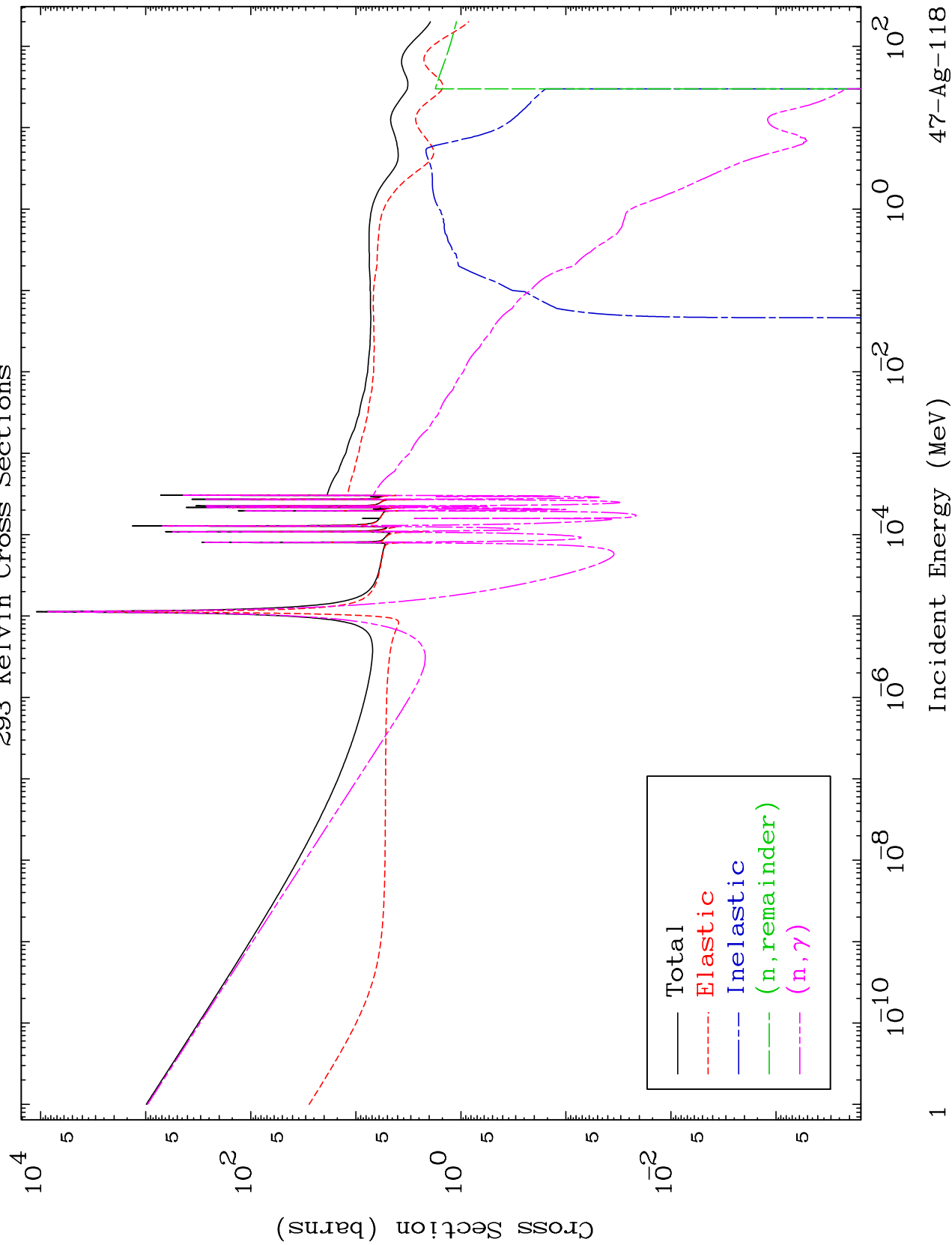
Press Mouse Button to Start

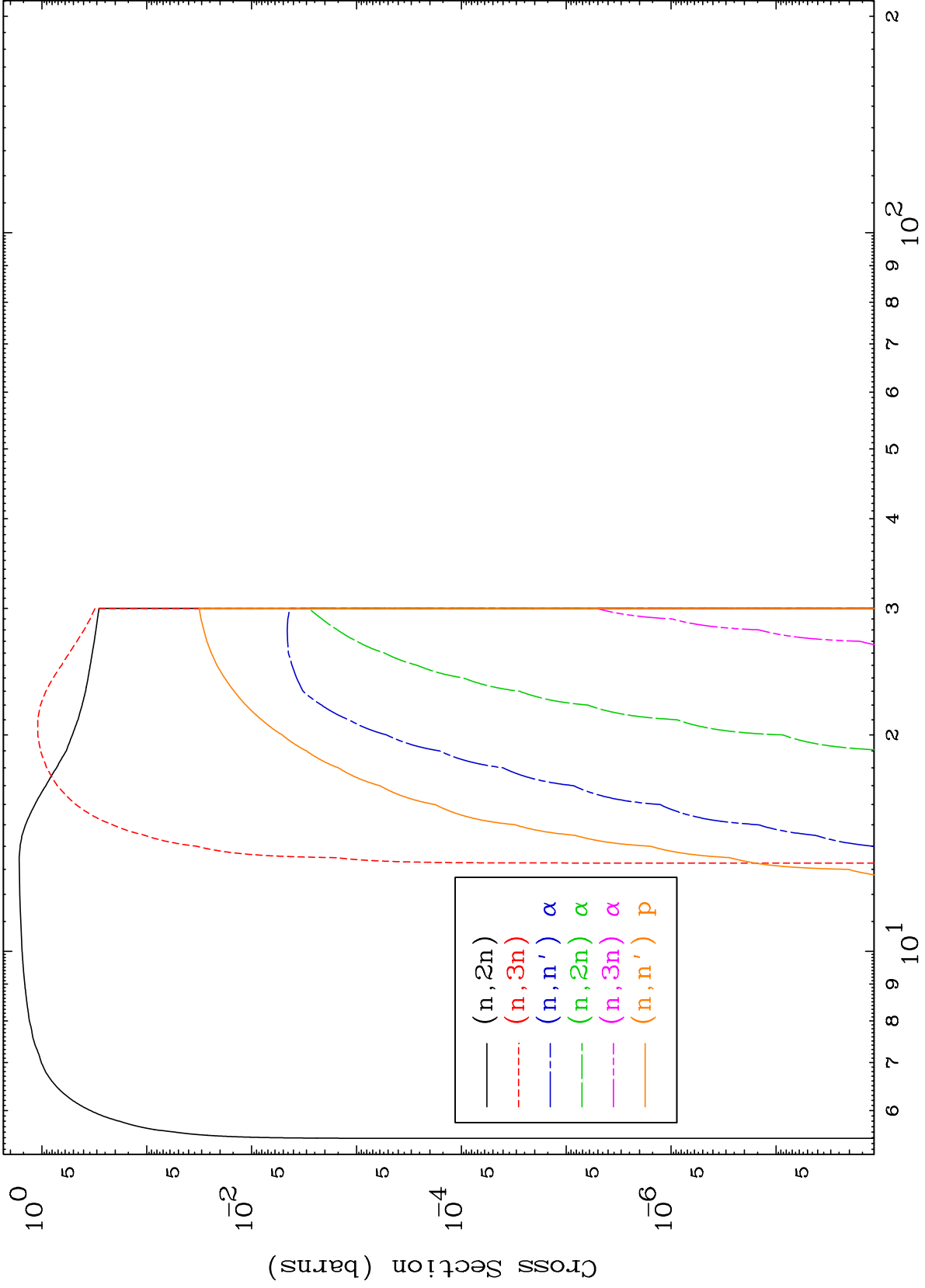
MAT 4758

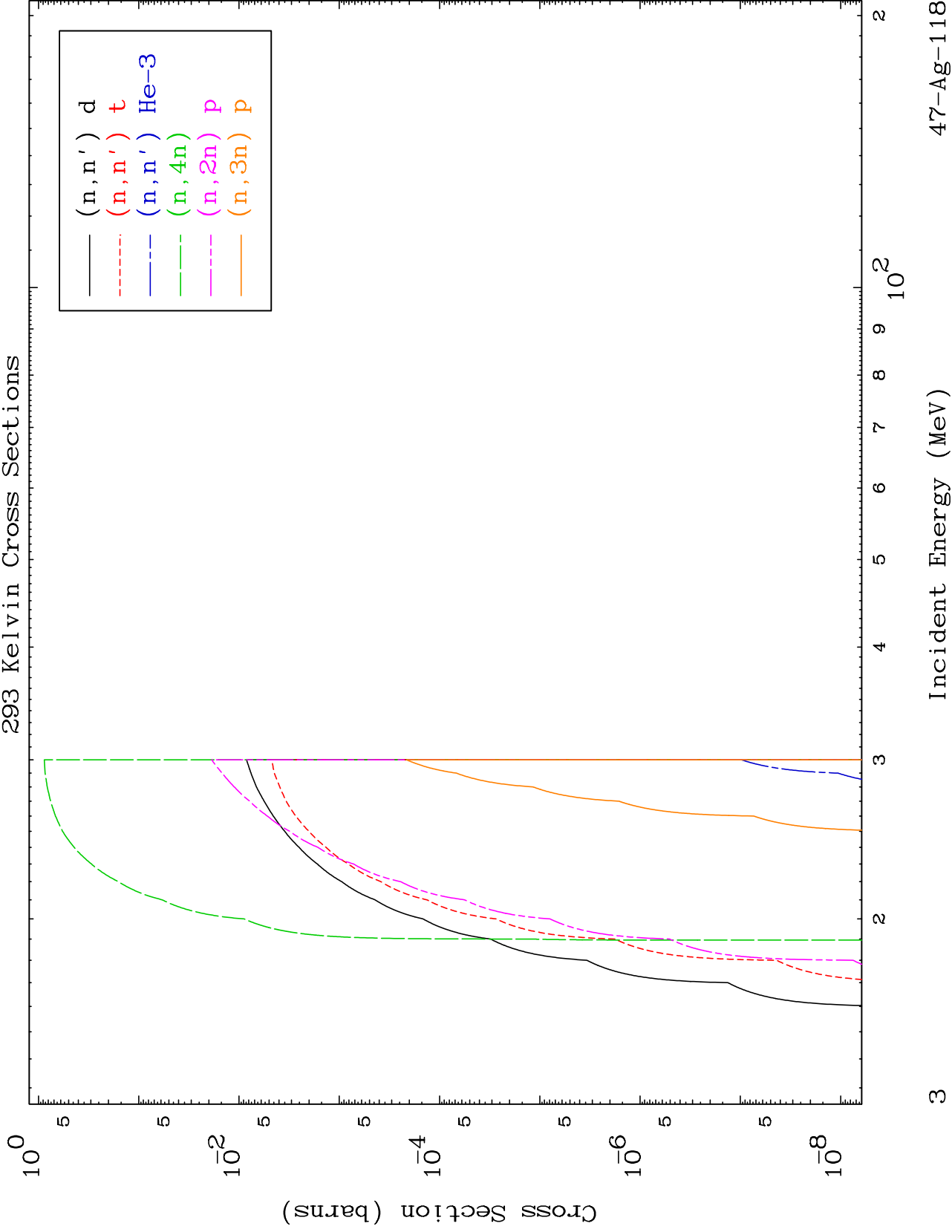
Major

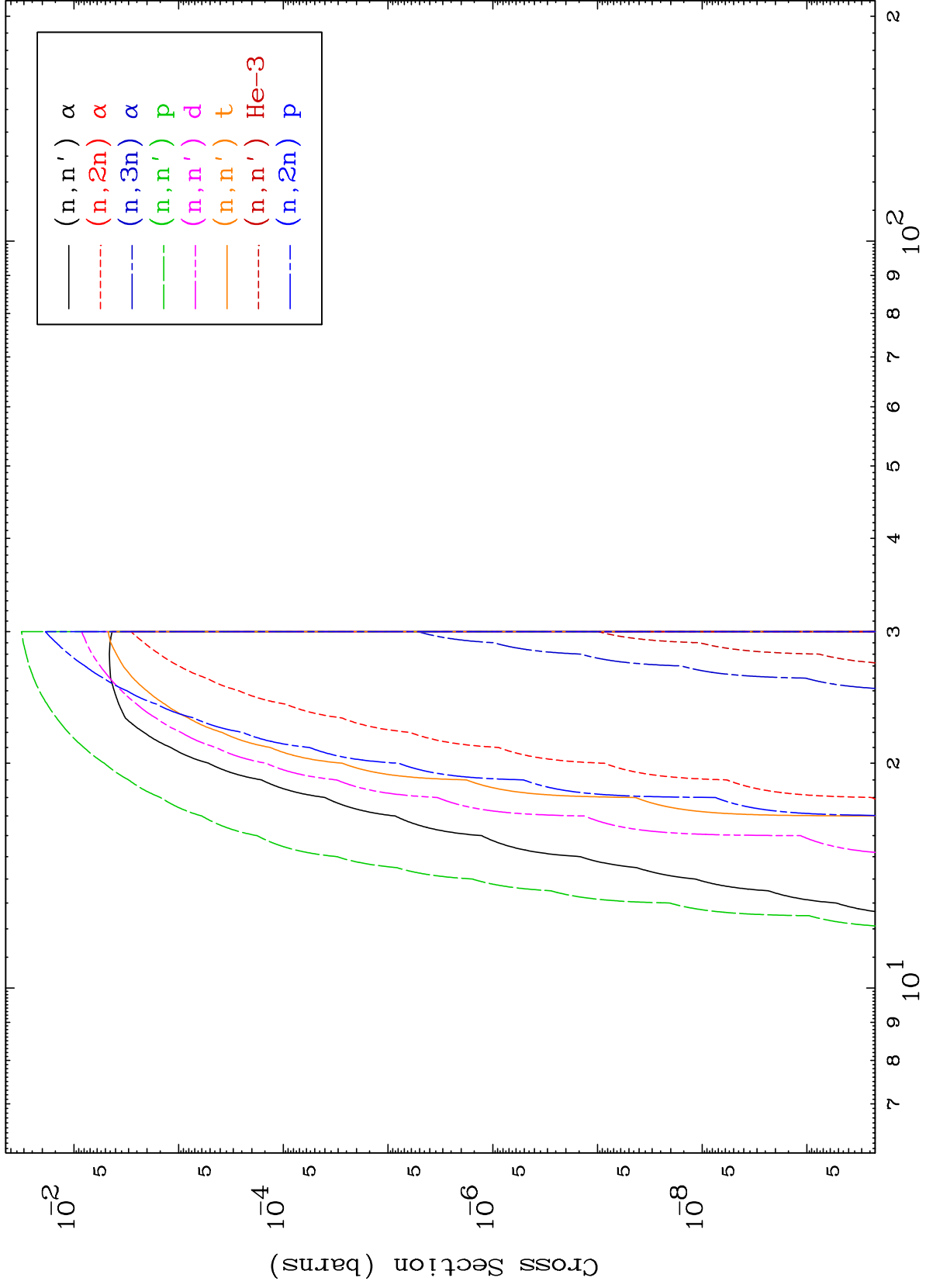
293 Kelvin Cross Sections

47-Ag-118





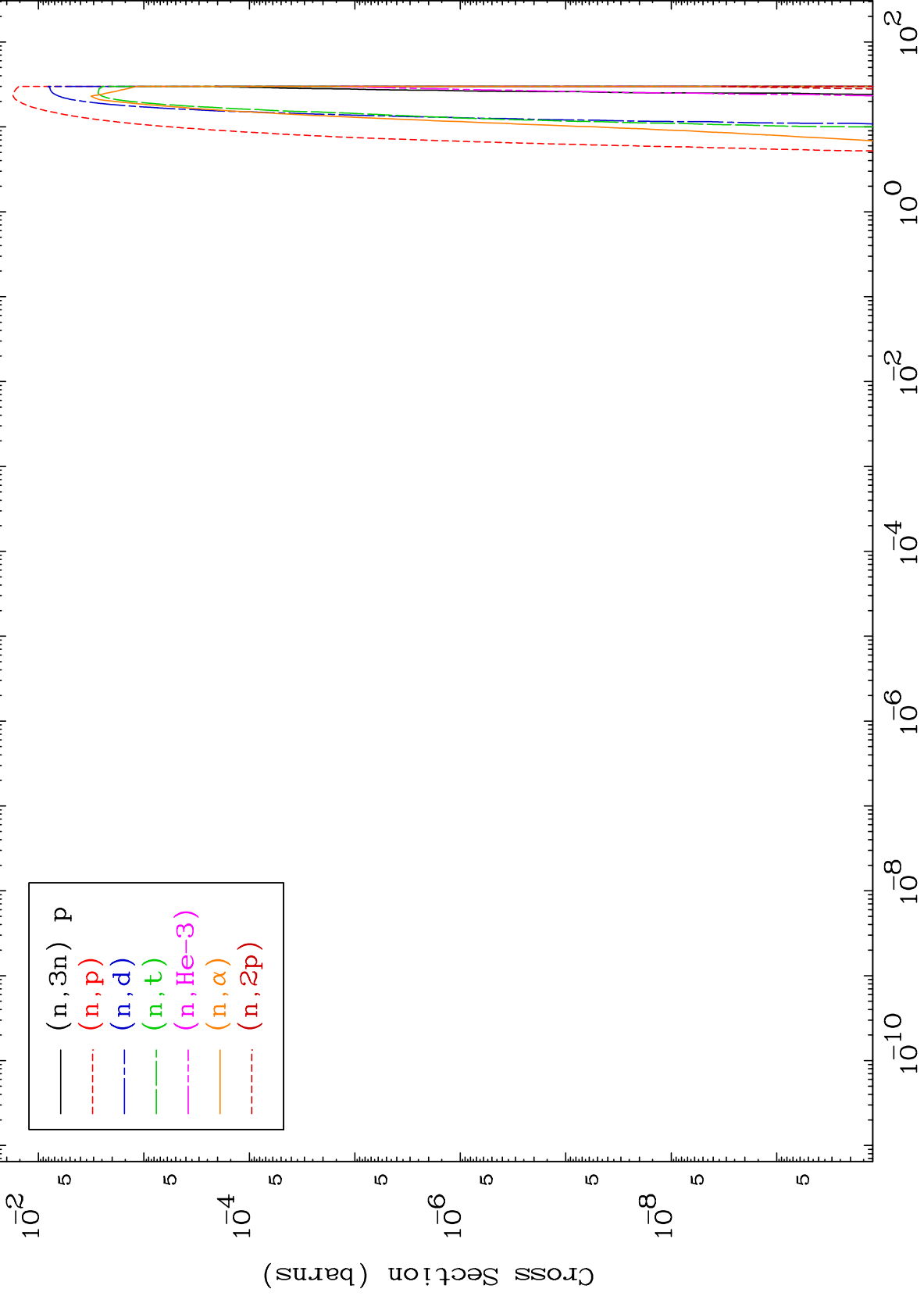




MAT 4758

Charged Particle  
293 Kelvin Cross Sections

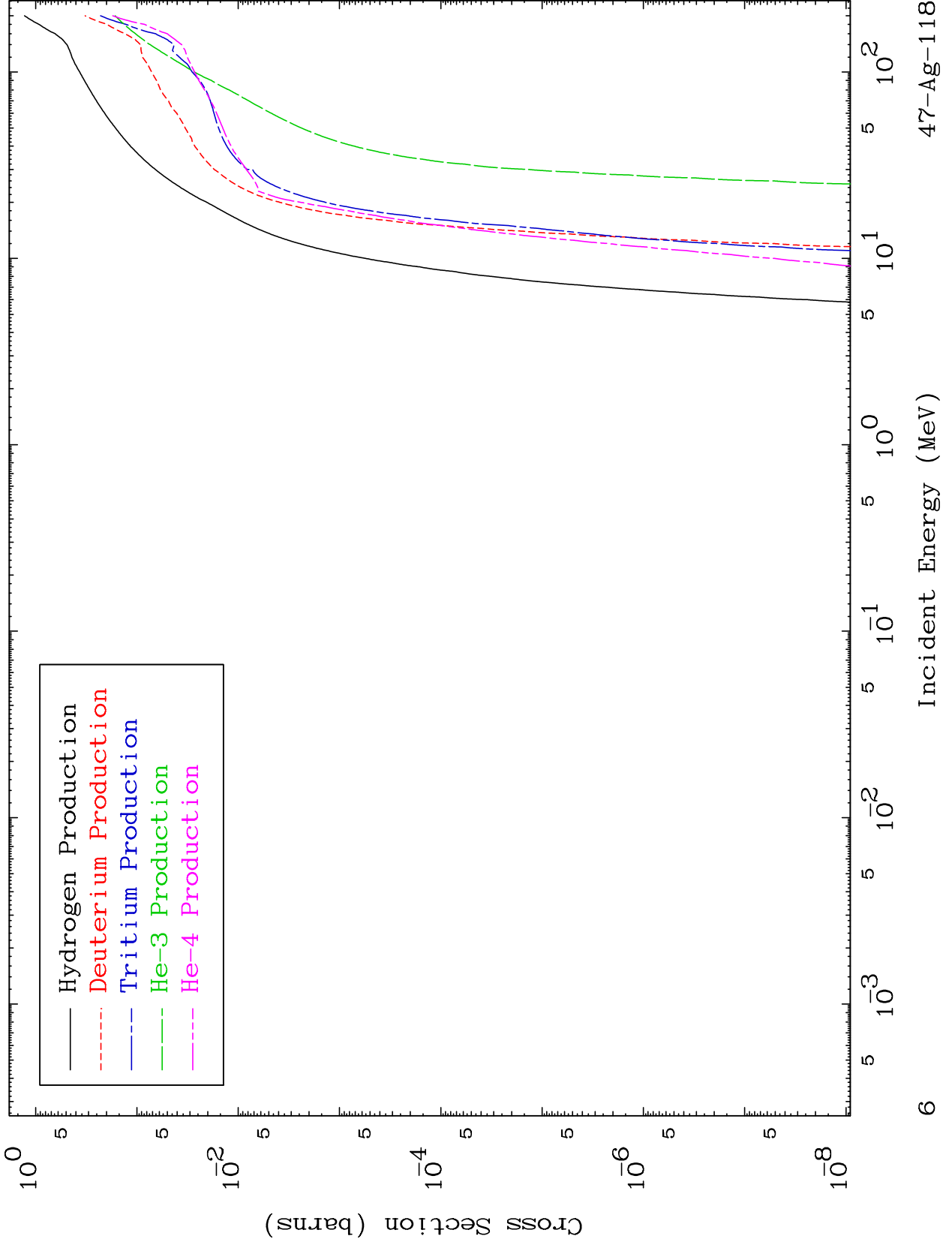
47-Ag-118



MAT 4758

Particle Production  
293 Kelvin Cross Sections

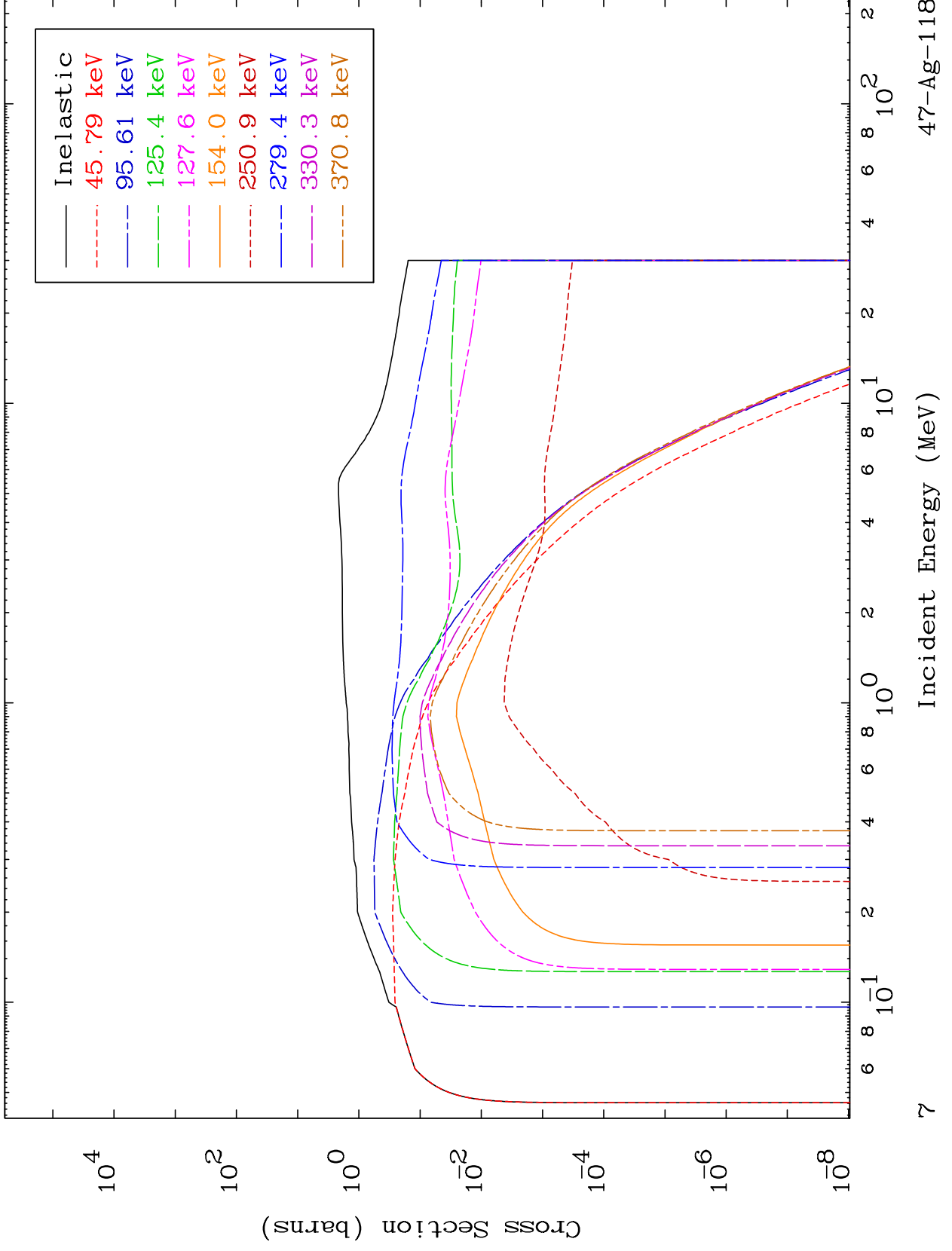
47-Ag-118



MAT 4758

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-118



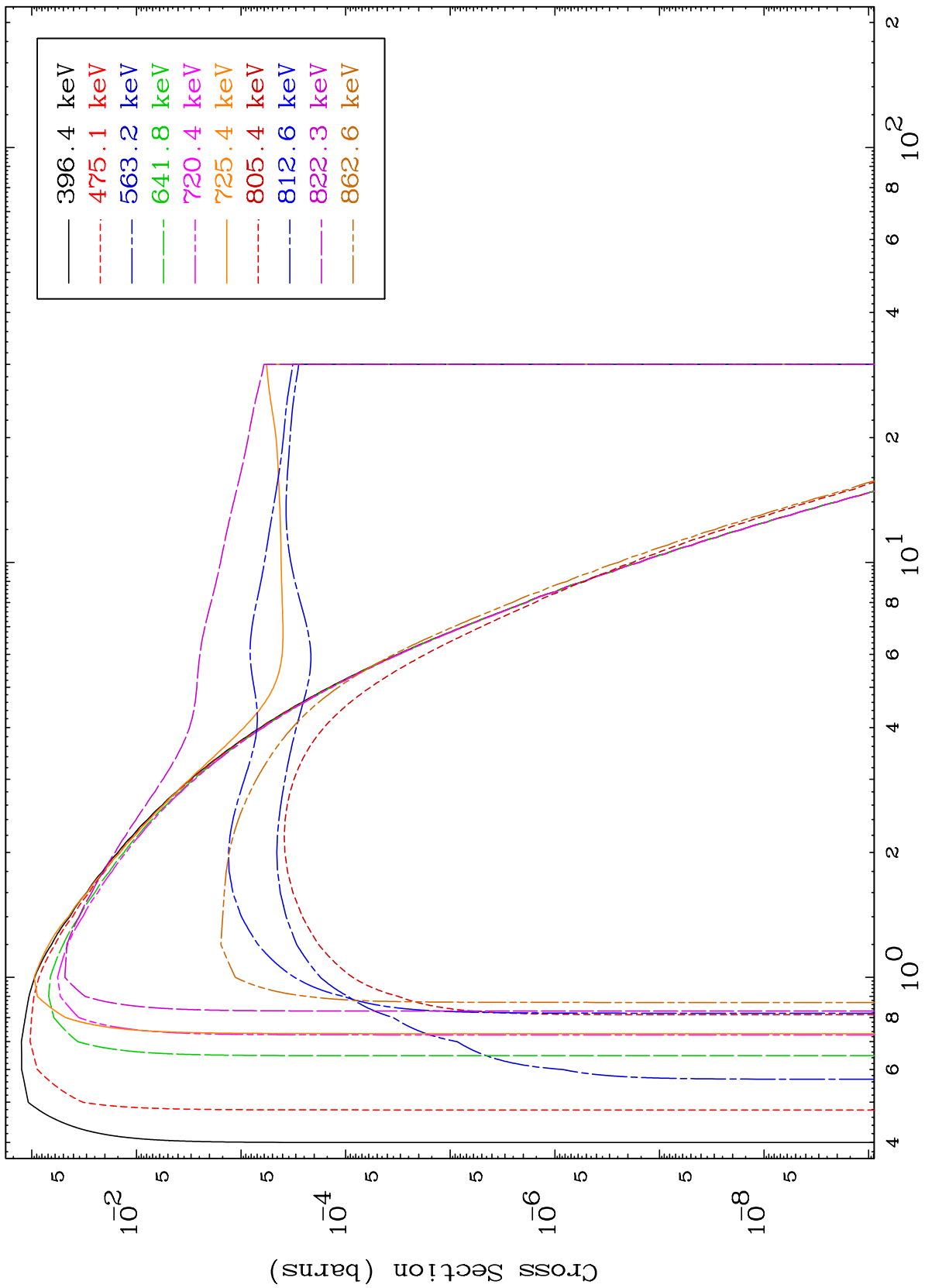


MAT 4758

(n,n') Level

47-Ag-118

293 Kelvin Cross Sections



8

Incident Energy (MeV)

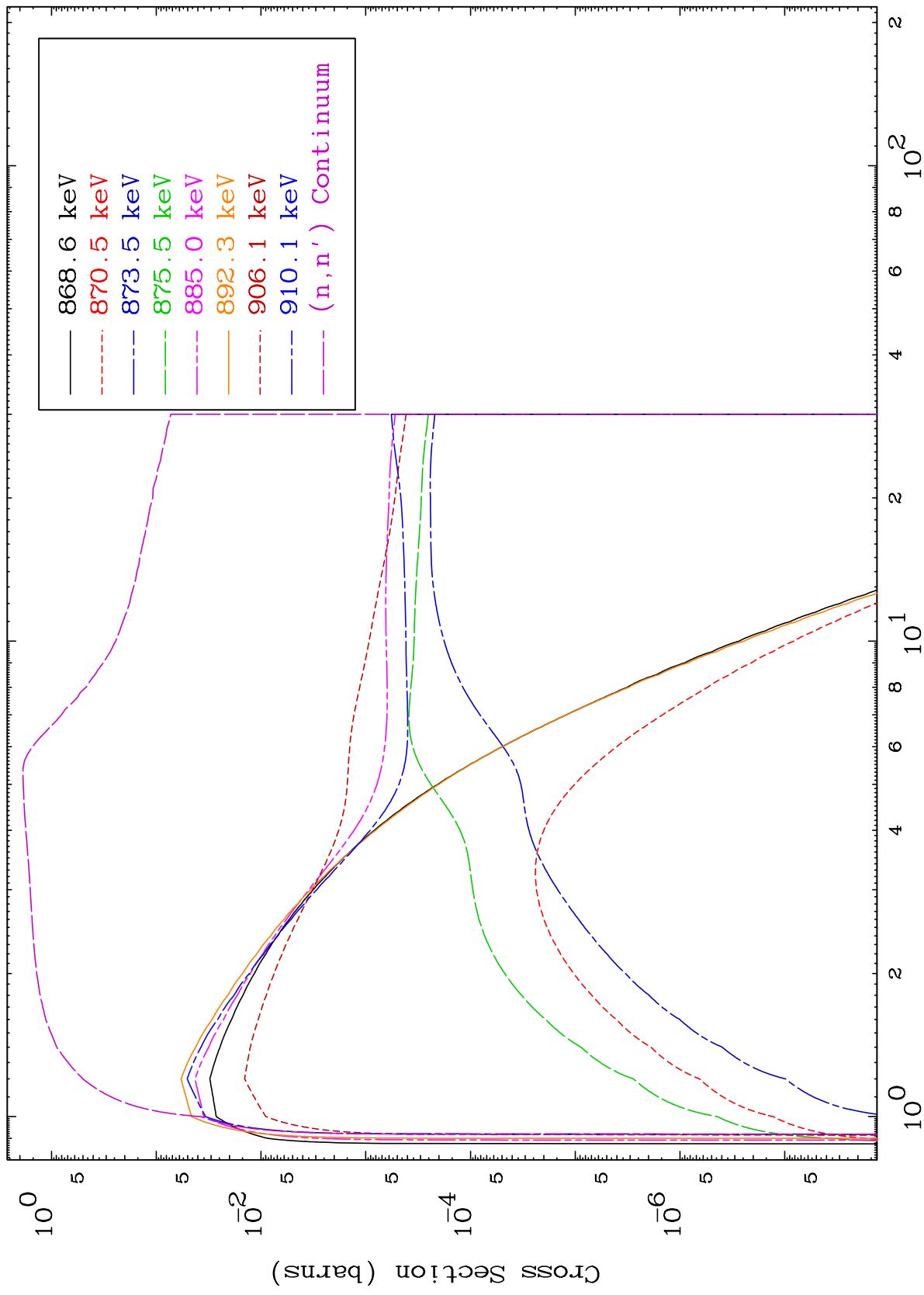
47-Ag-118

MAT 4758

(n,n') Level

47-Ag-118

293 Kelvin Cross Sections



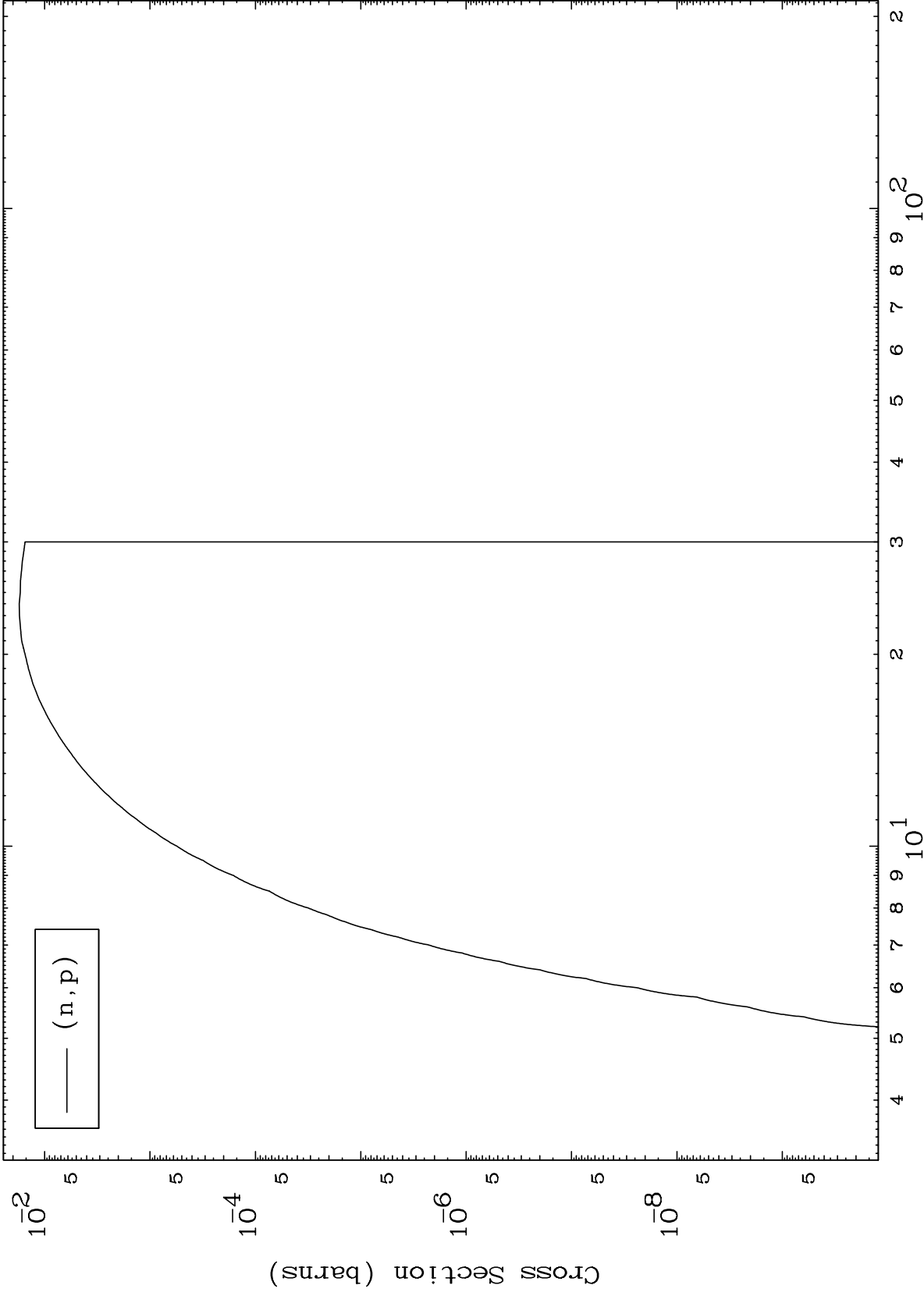
Incident Energy (MeV)

47-Ag-118

MAT 4758

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-118



10

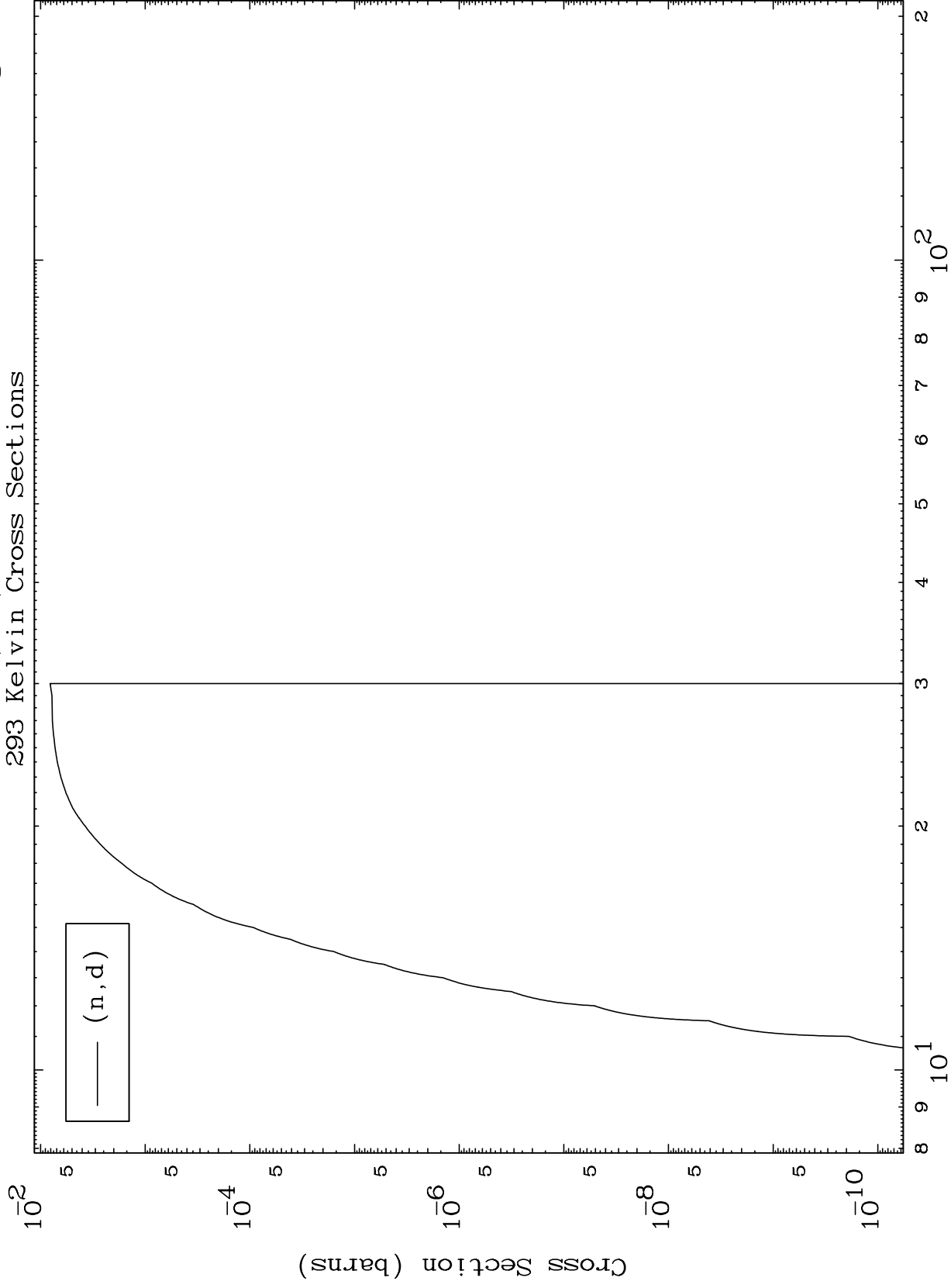
Incident Energy (MeV)

47-Ag-118

MAT 4758

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-118



11

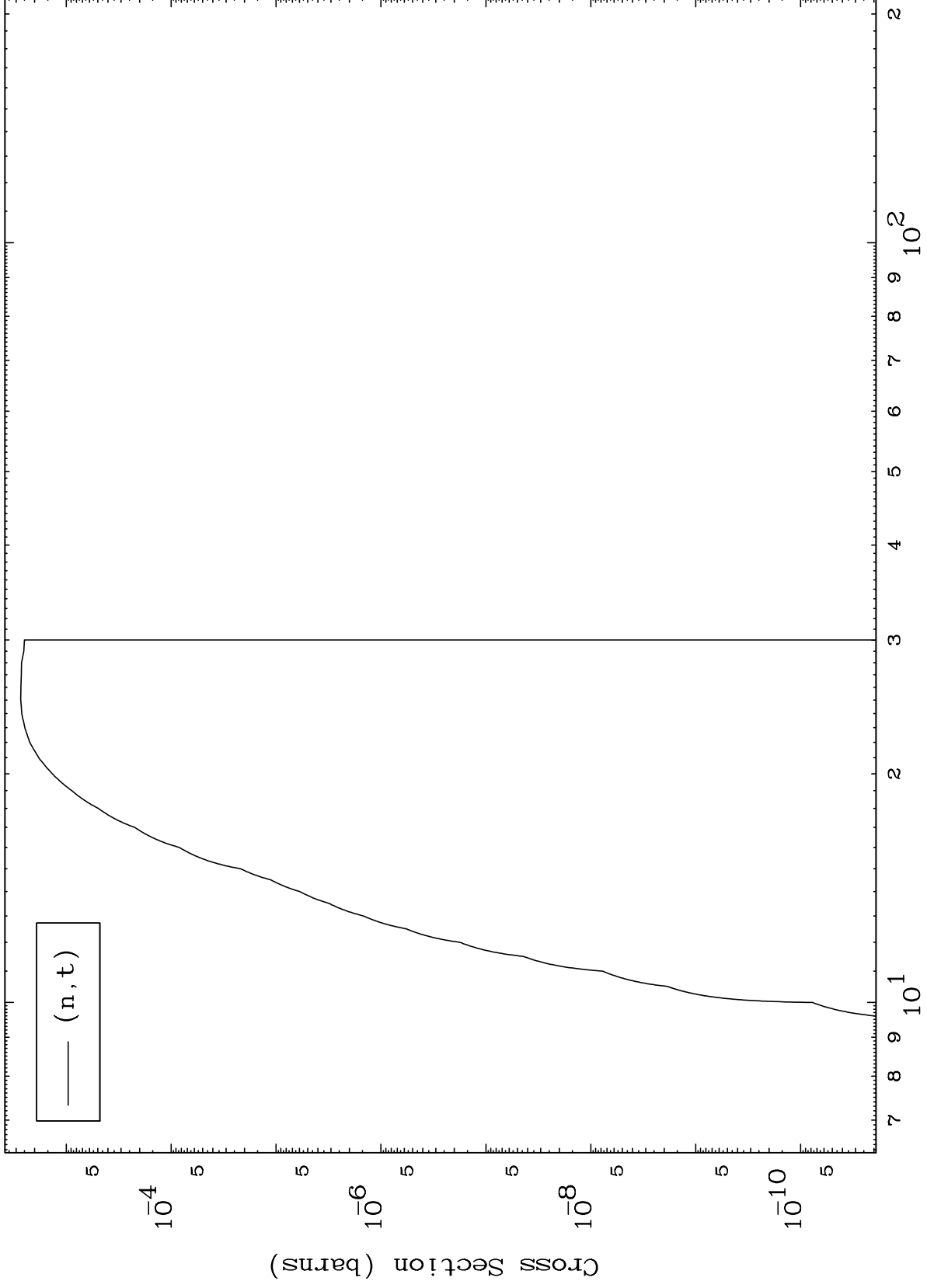
Incident Energy (MeV)

47-Ag-118

MAT 4758

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-118



12

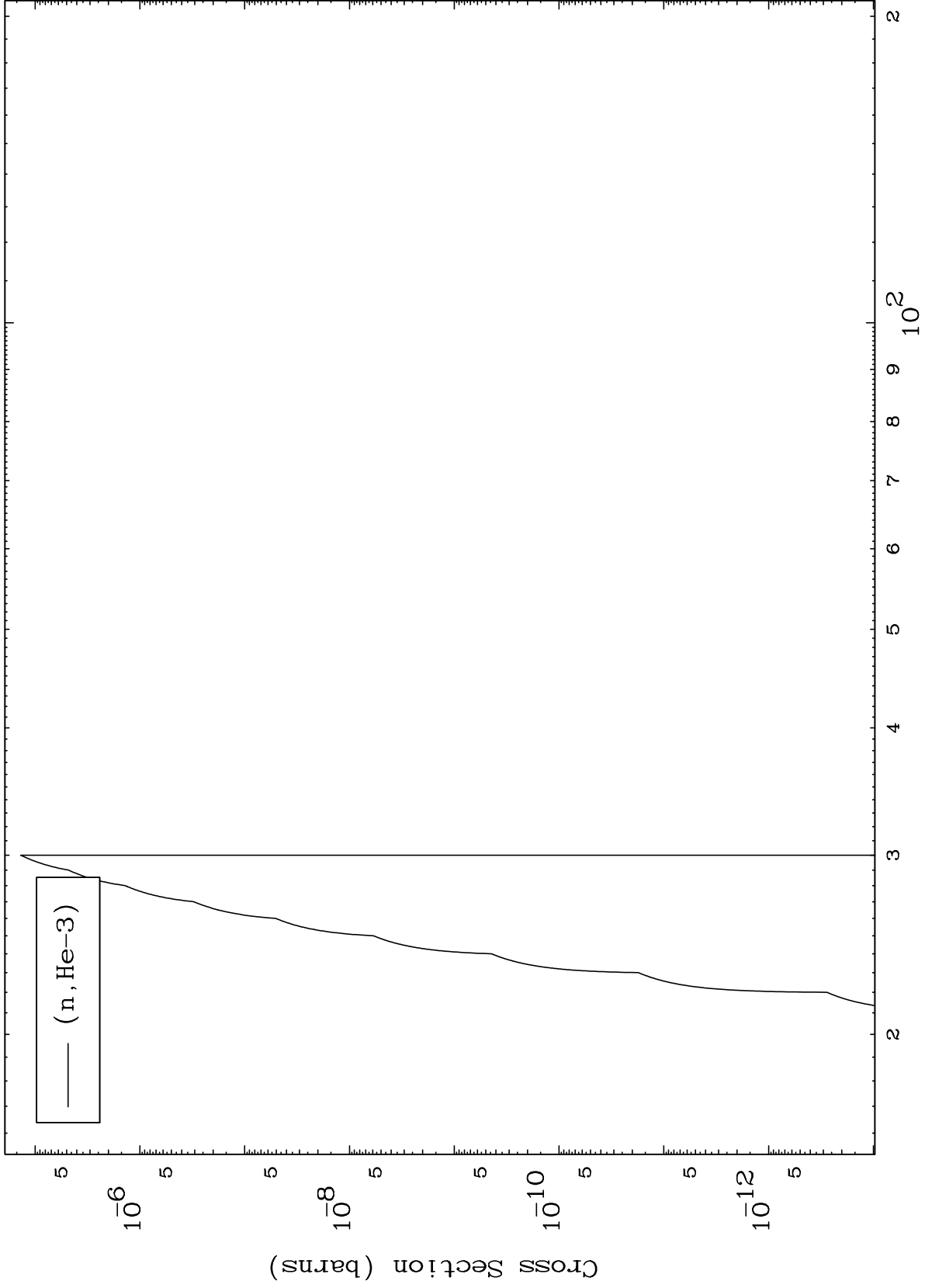
Incident Energy (MeV)

47-Ag-118

MAT 4758

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-118



13

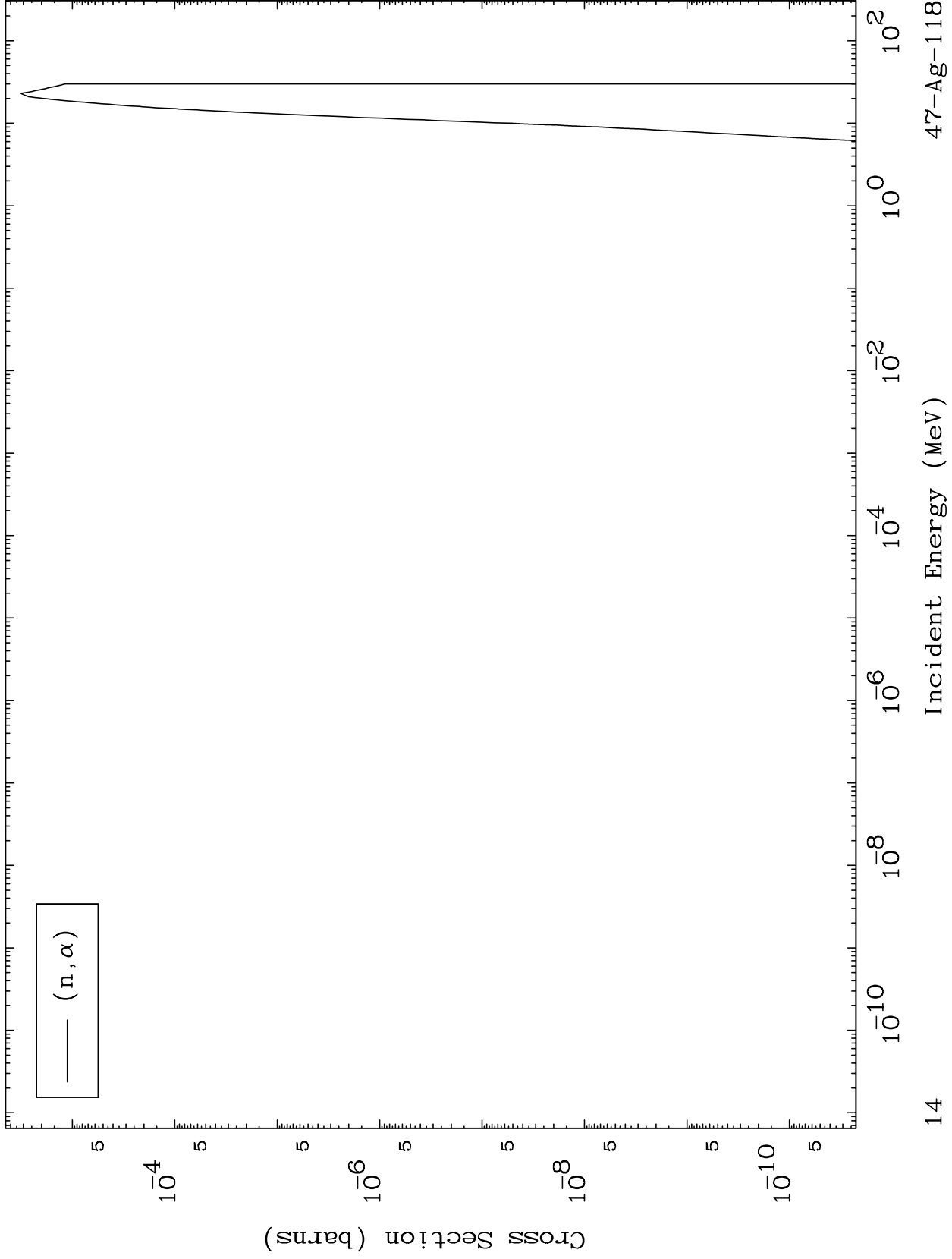
Incident Energy (MeV)

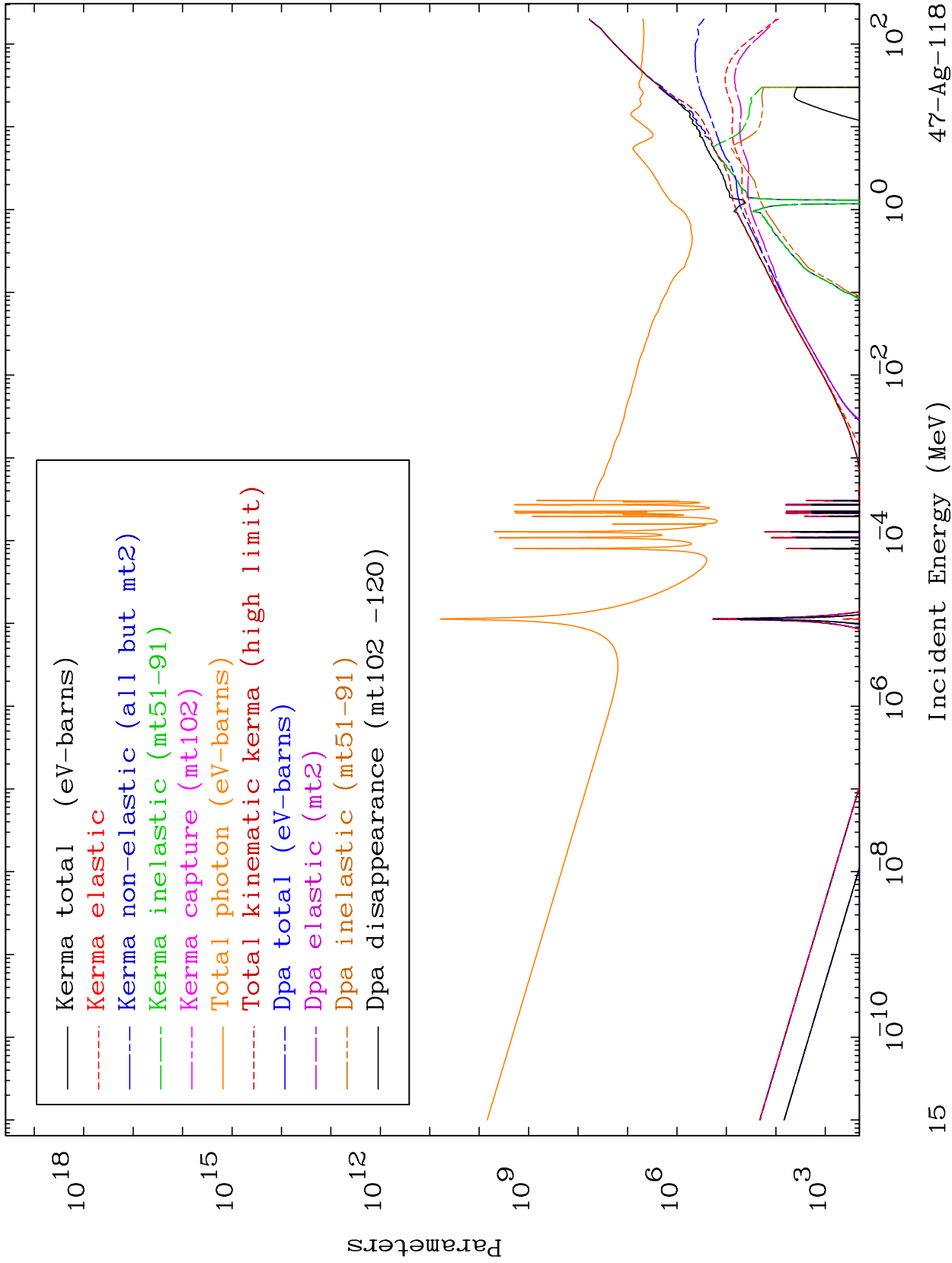
47-Ag-118

MAT 4758

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

47-Ag-118



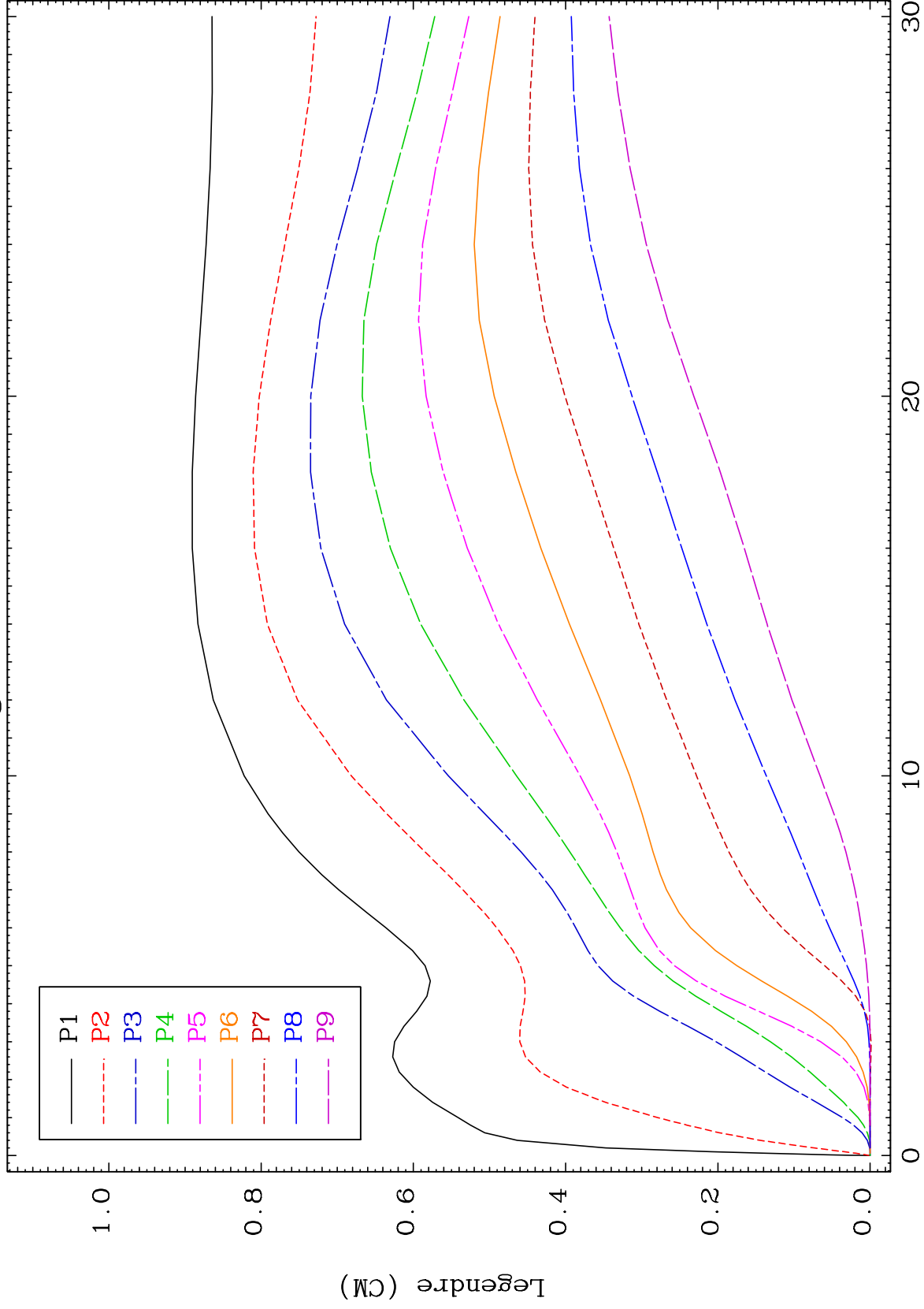




MAT 4758

Elastic Legendre Coefficients

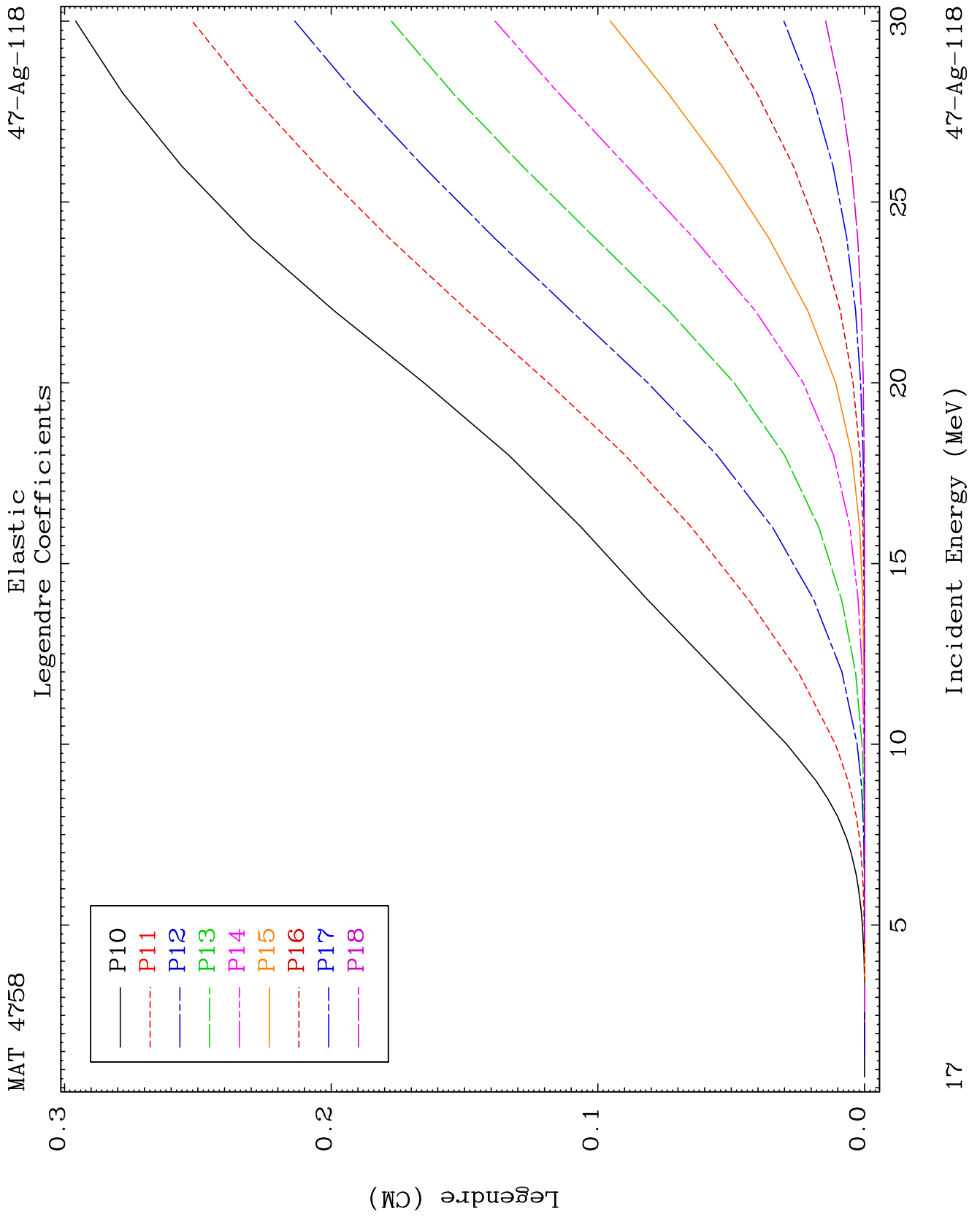
47-Ag-118



16

Incident Energy (MeV)

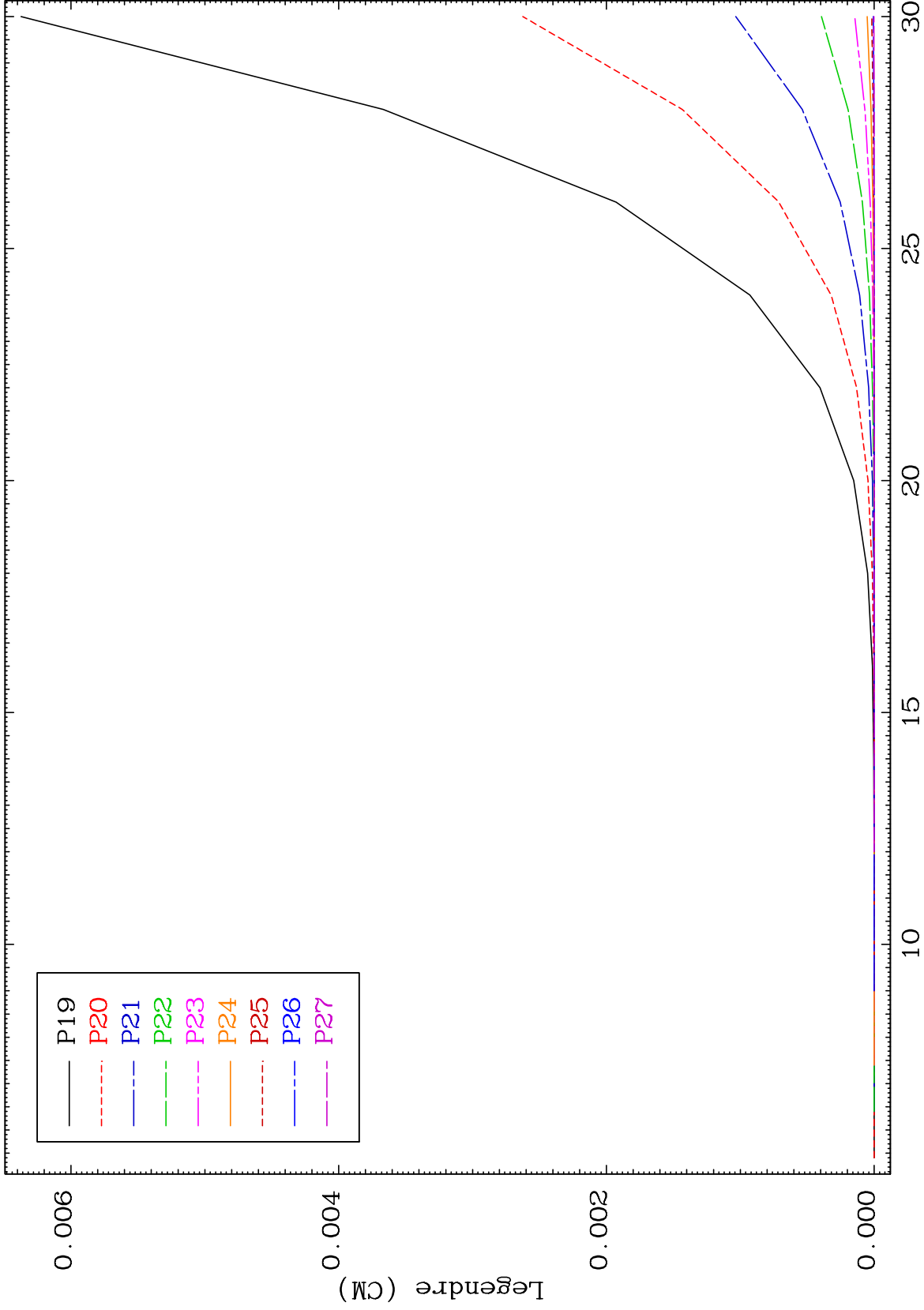
47-Ag-118



MAT 4758

Elastic Legendre Coefficients

47-Ag-118



18

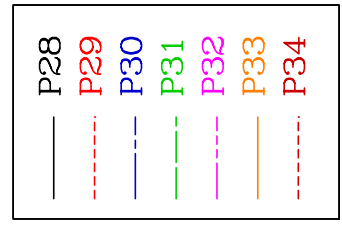
Incident Energy (MeV)

47-Ag-118

MAT 4758

Elastic  
Legendre Coefficients

47-Ag-118



$\times 10^{-7}$   
3  
2

Legendre (CM)

1

0

15

20

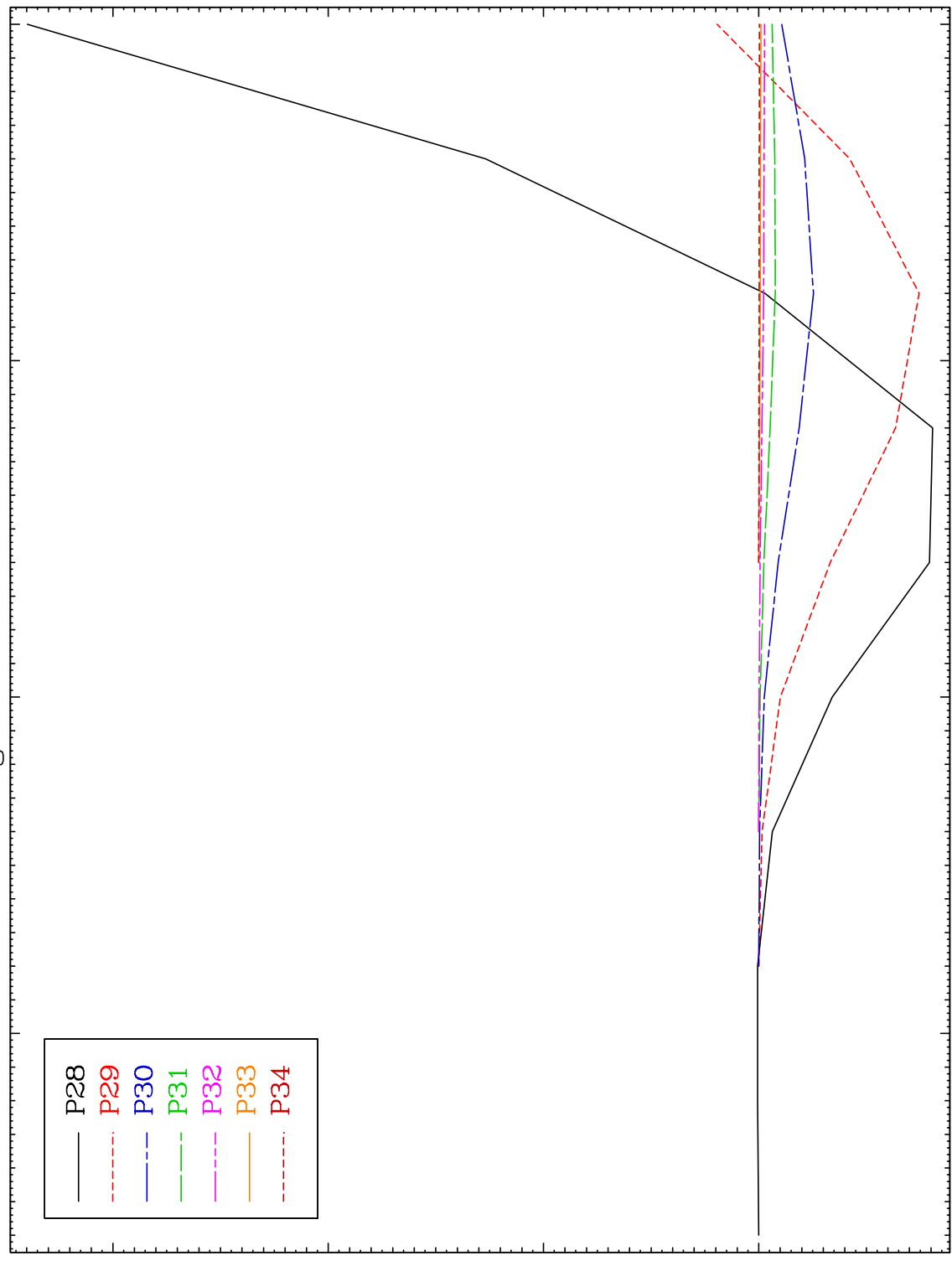
25

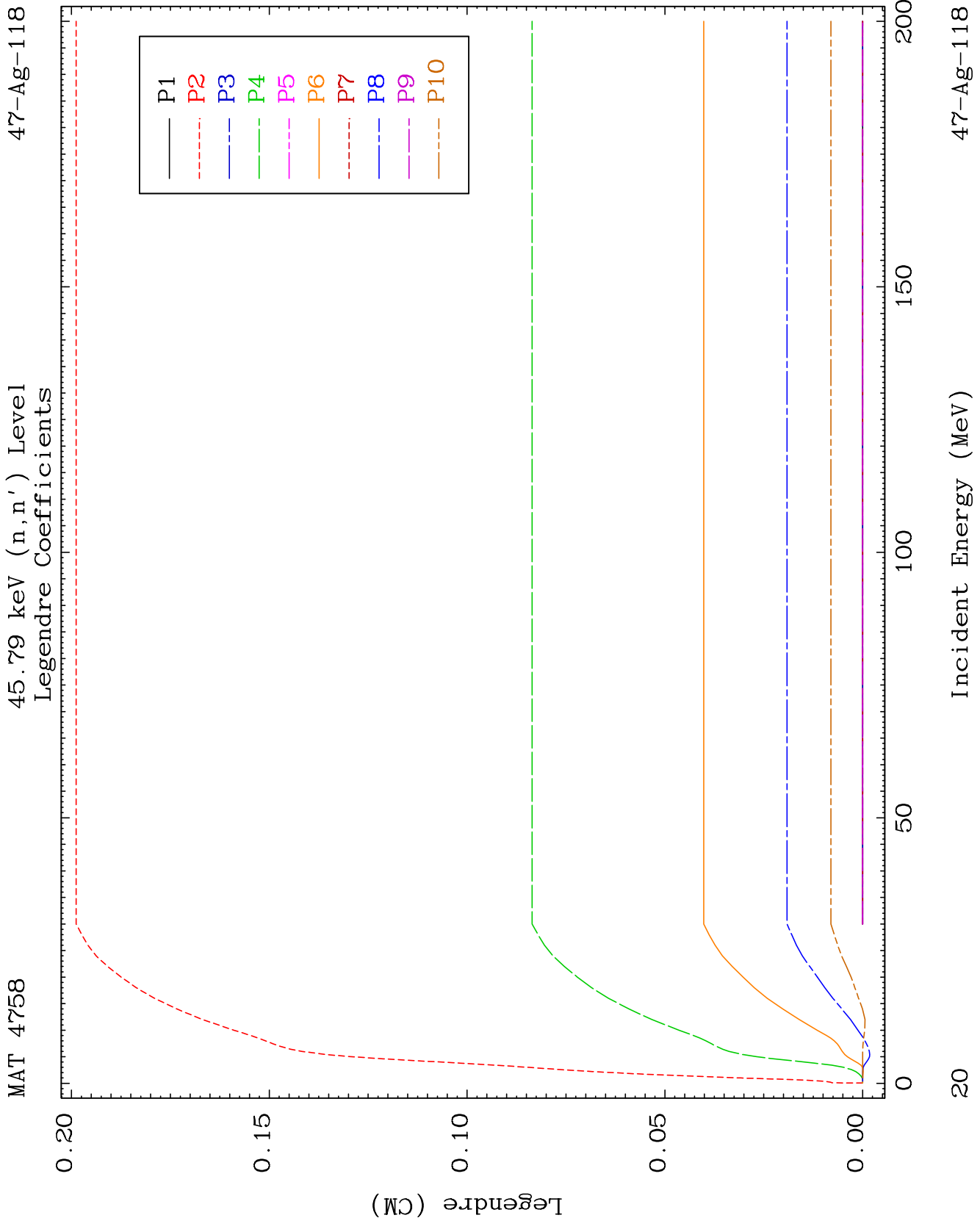
30

19

Incident Energy (MeV)

47-Ag-118

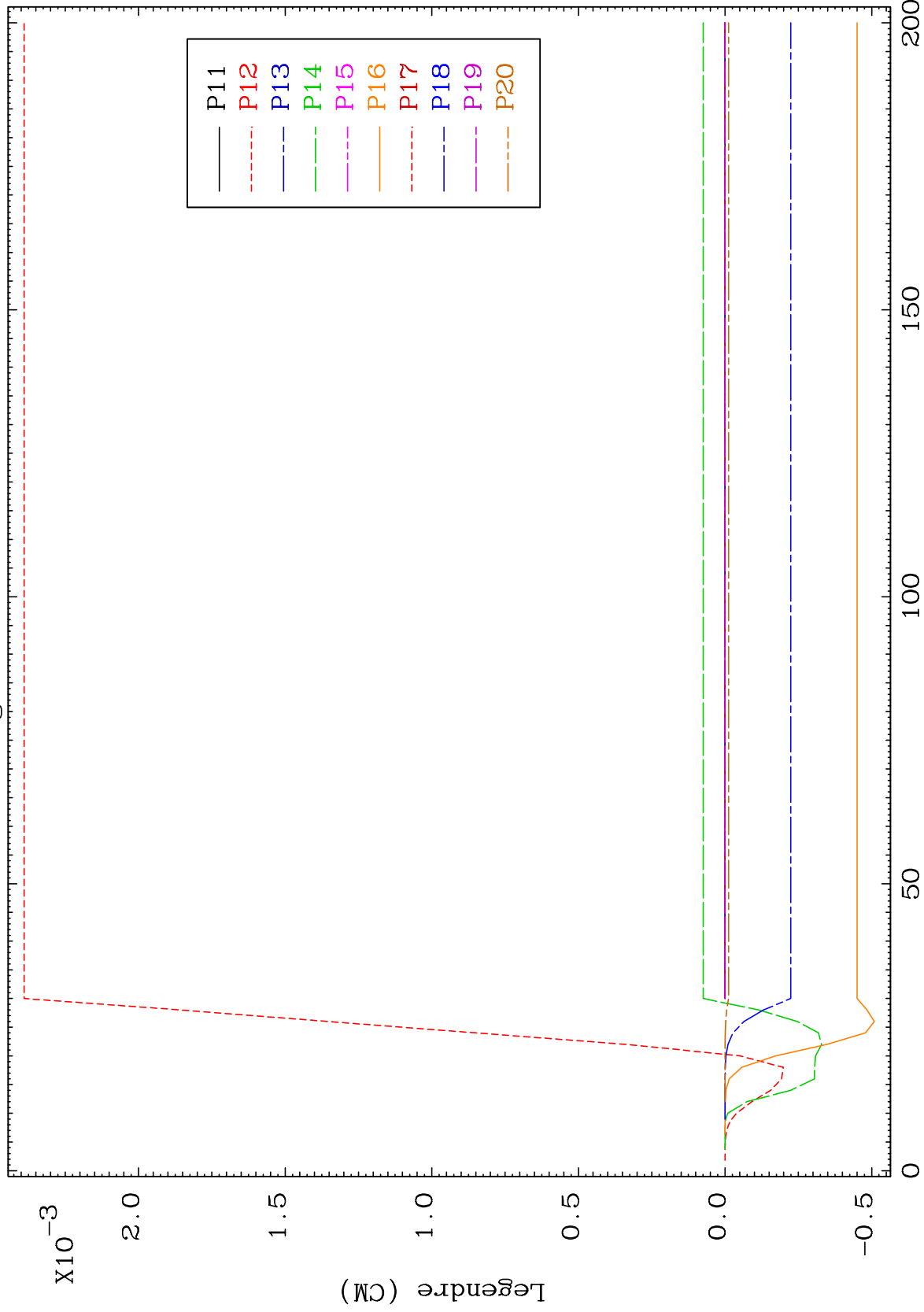




MAT 4758

45.79 keV (n,n') Level  
Legendre Coefficients

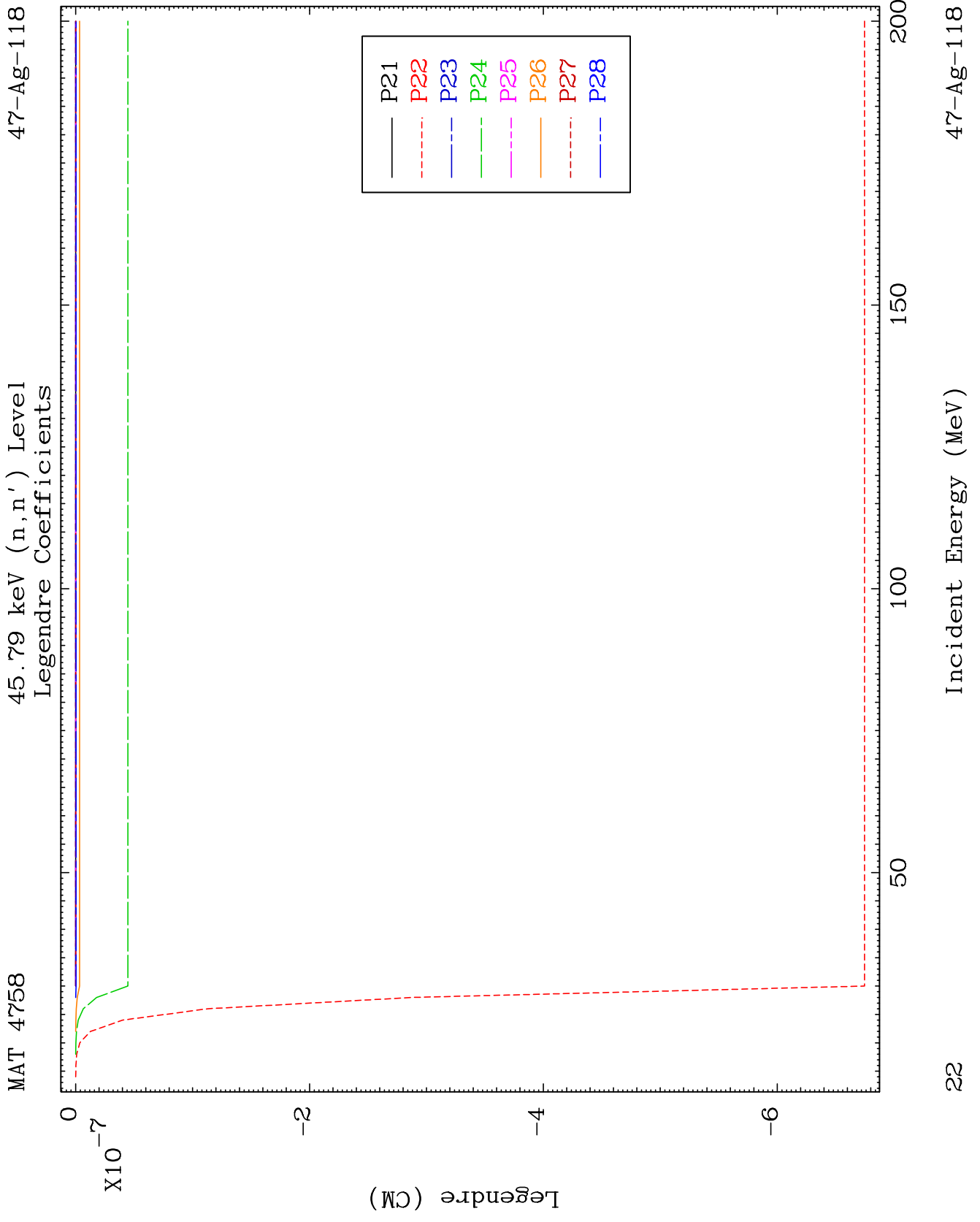
47-Ag-118



21

Incident Energy (MeV)

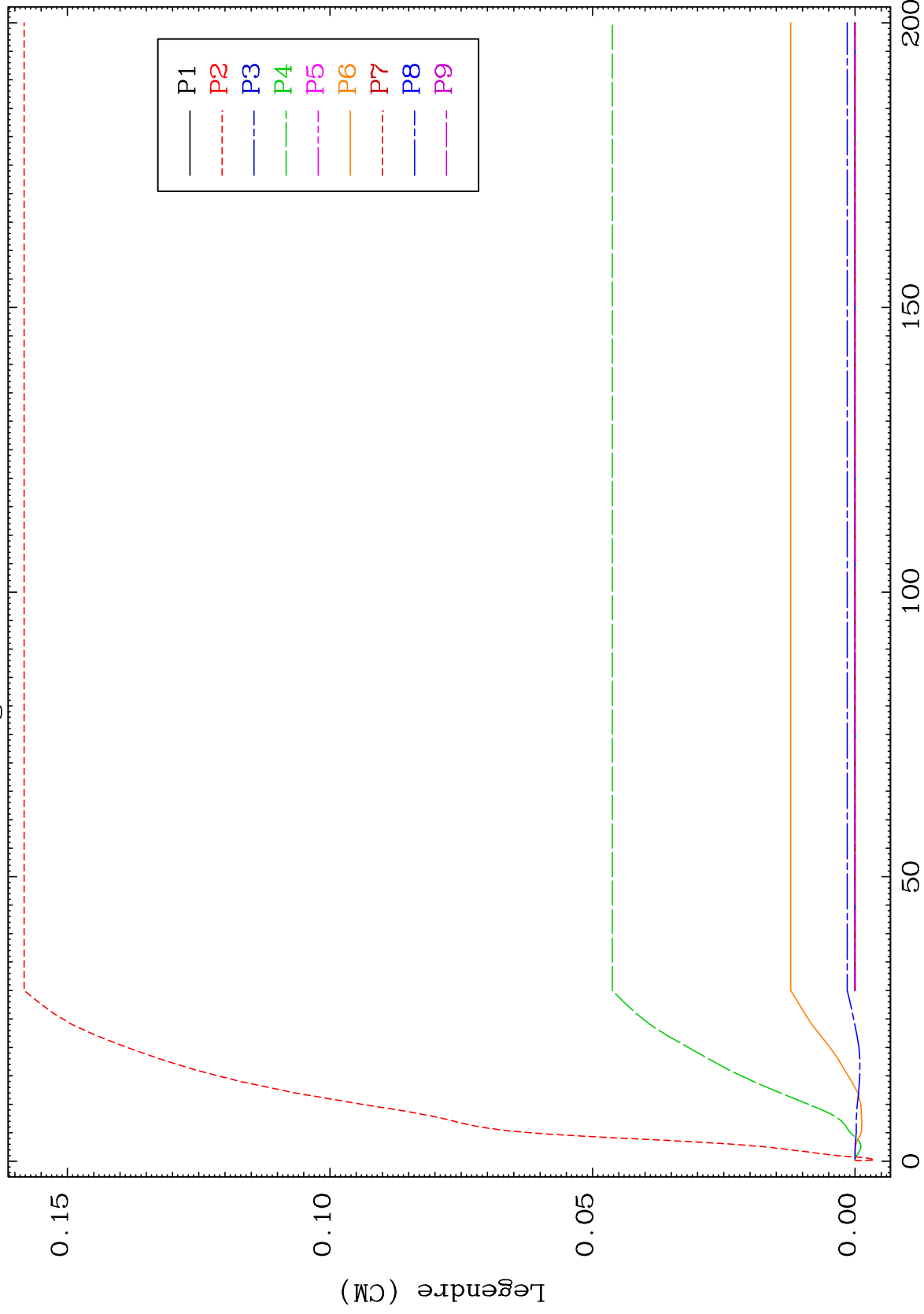
47-Ag-118



MAT 4758

95.61 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

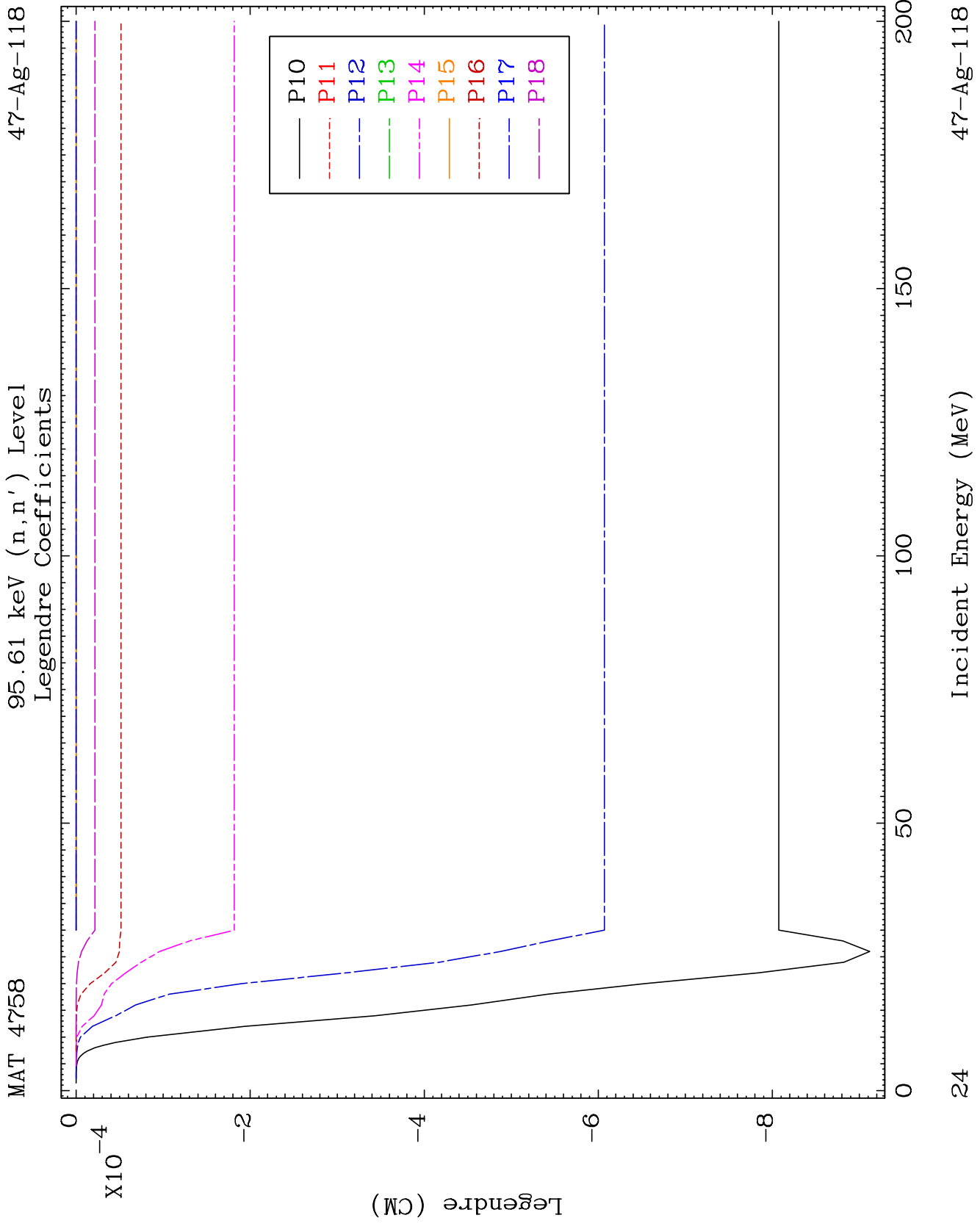


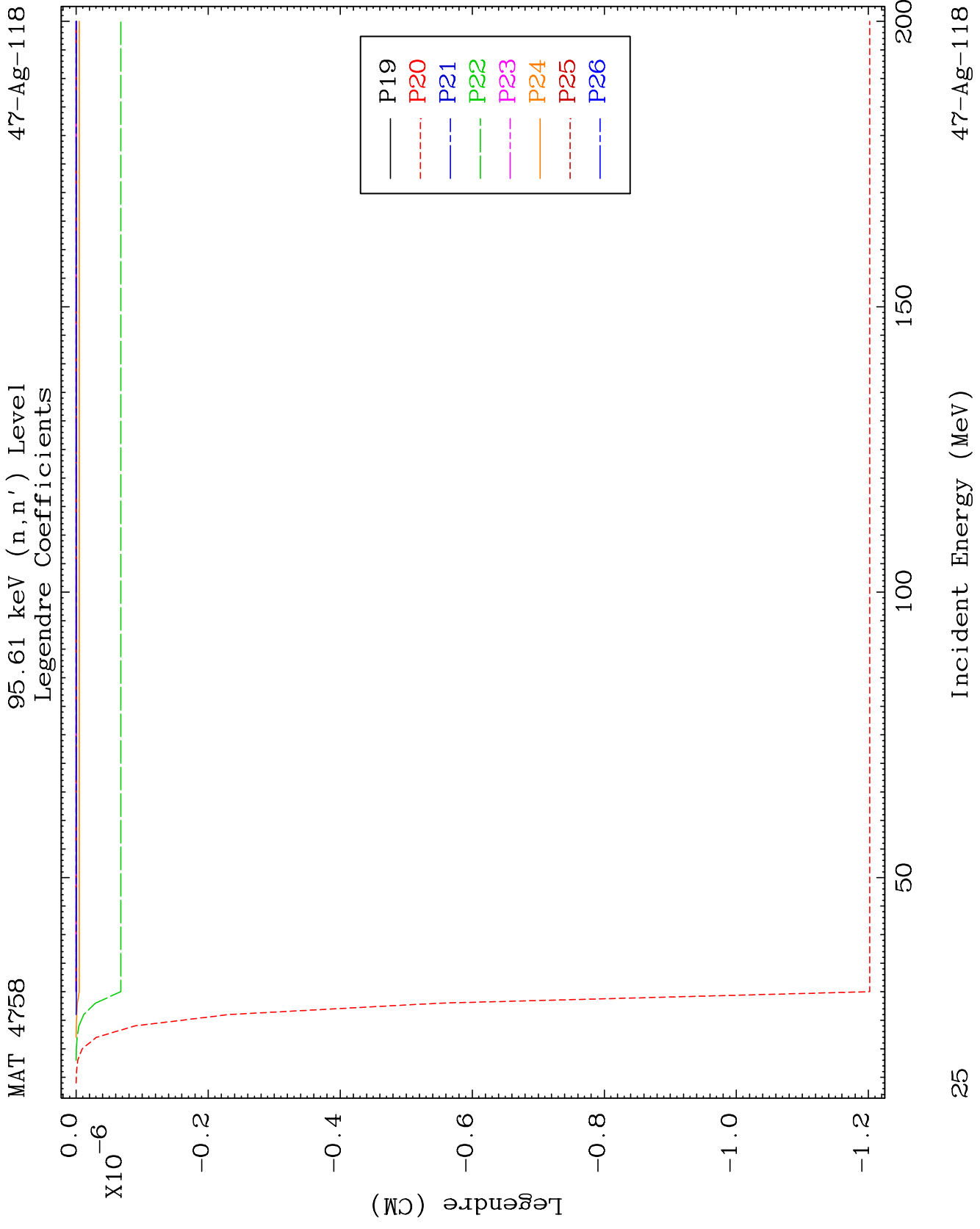
23

Incident Energy (MeV)

47-Ag-118





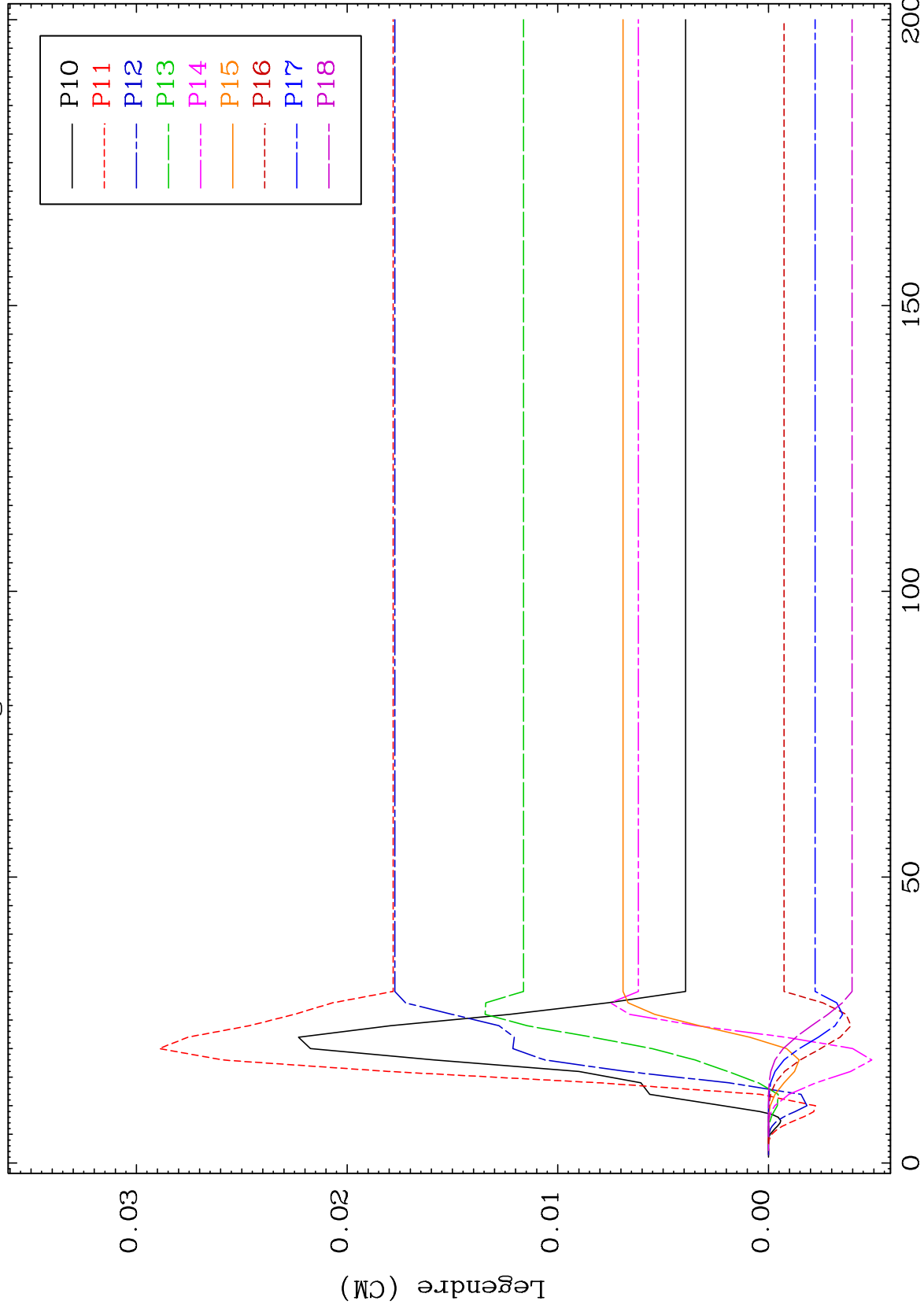




MAT 4758

125.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



27

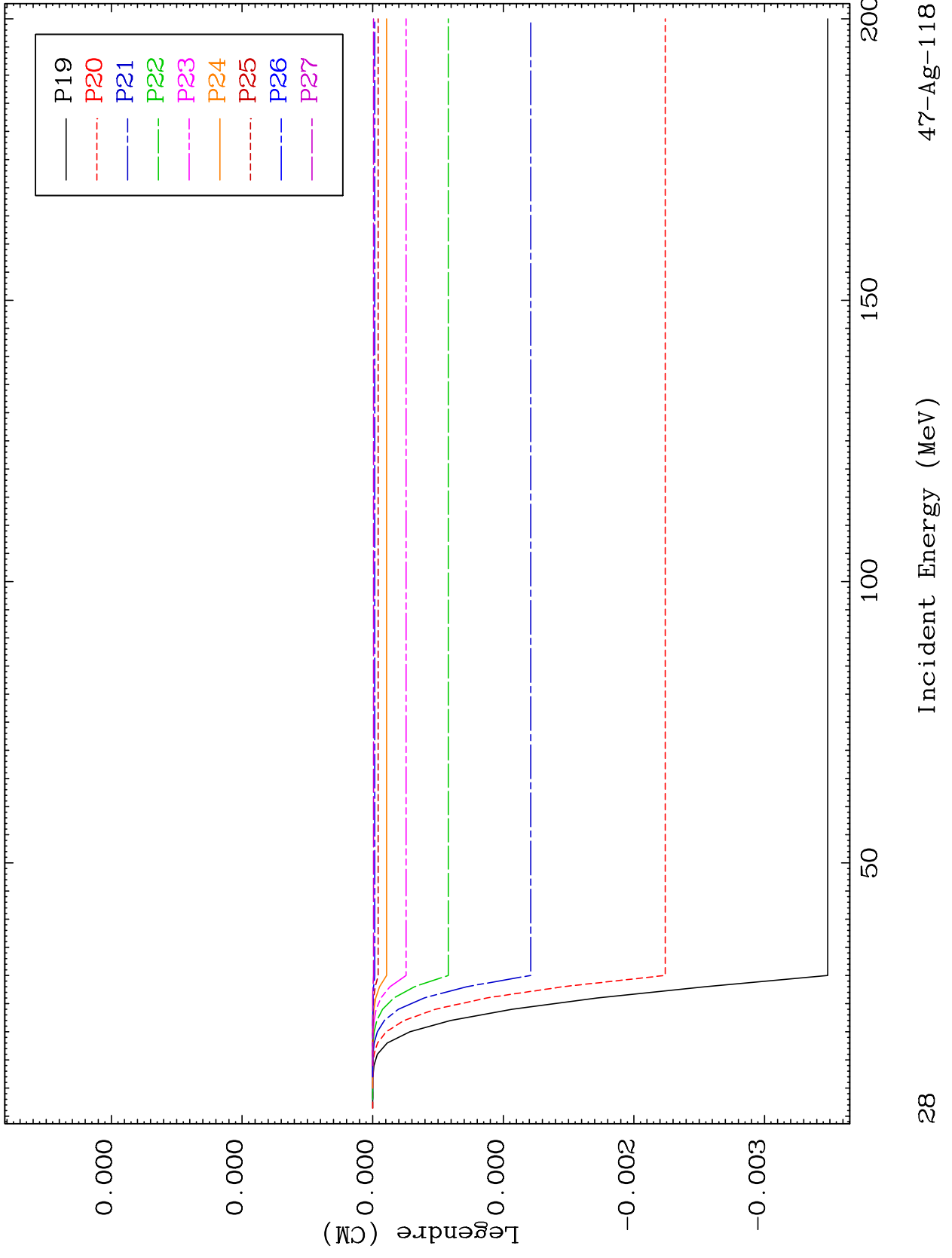
Incident Energy (MeV)

47-Ag-118

MAT 4758

125.4 keV (n,n') Level  
Legendre Coefficients

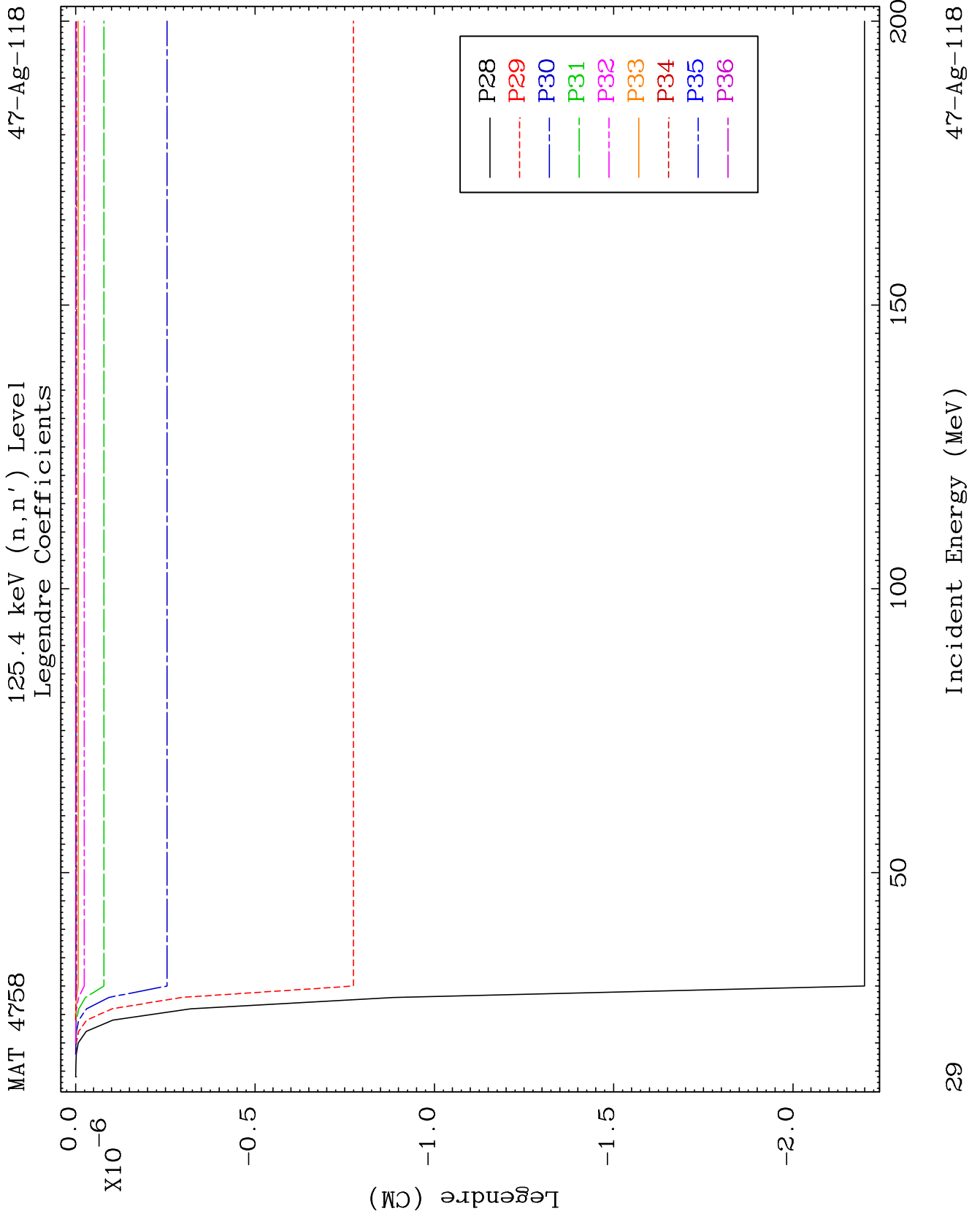
47-Ag-118



28

Incident Energy (MeV)

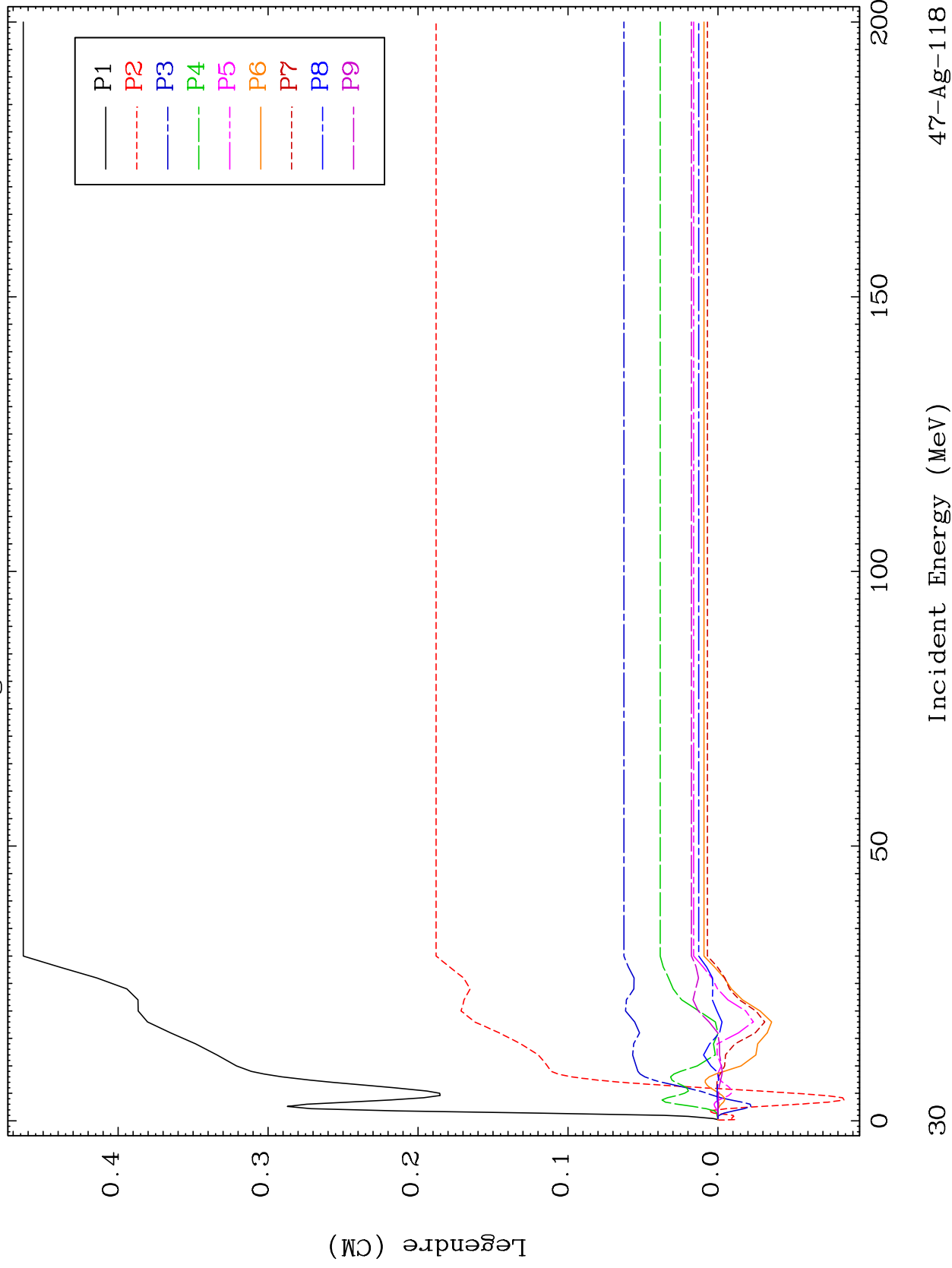
47-Ag-118



MAT 4758

127.6 keV (n,n') Level  
Legendre Coefficients

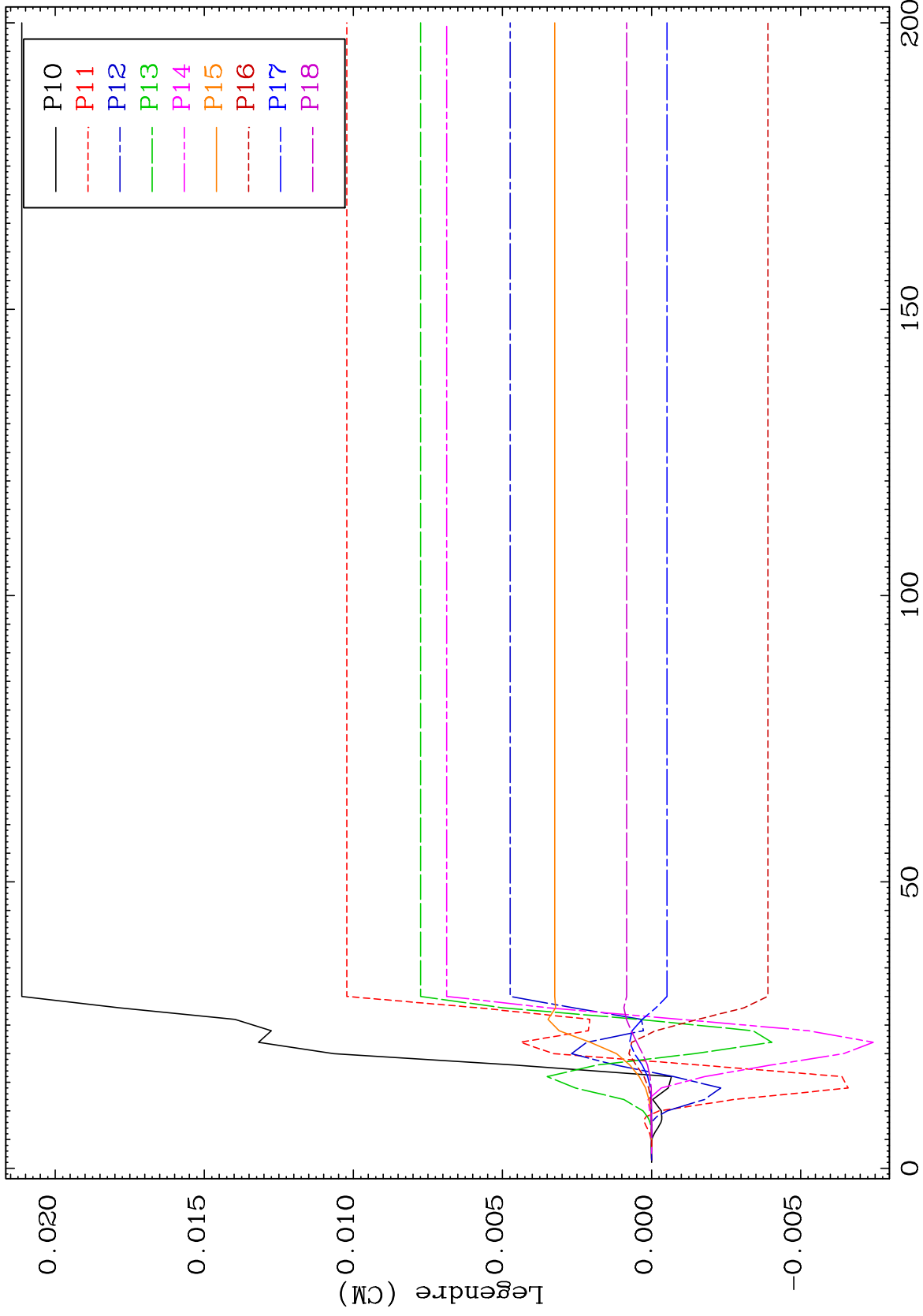
47-Ag-118



47-Ag-118

Incident Energy (MeV)

30

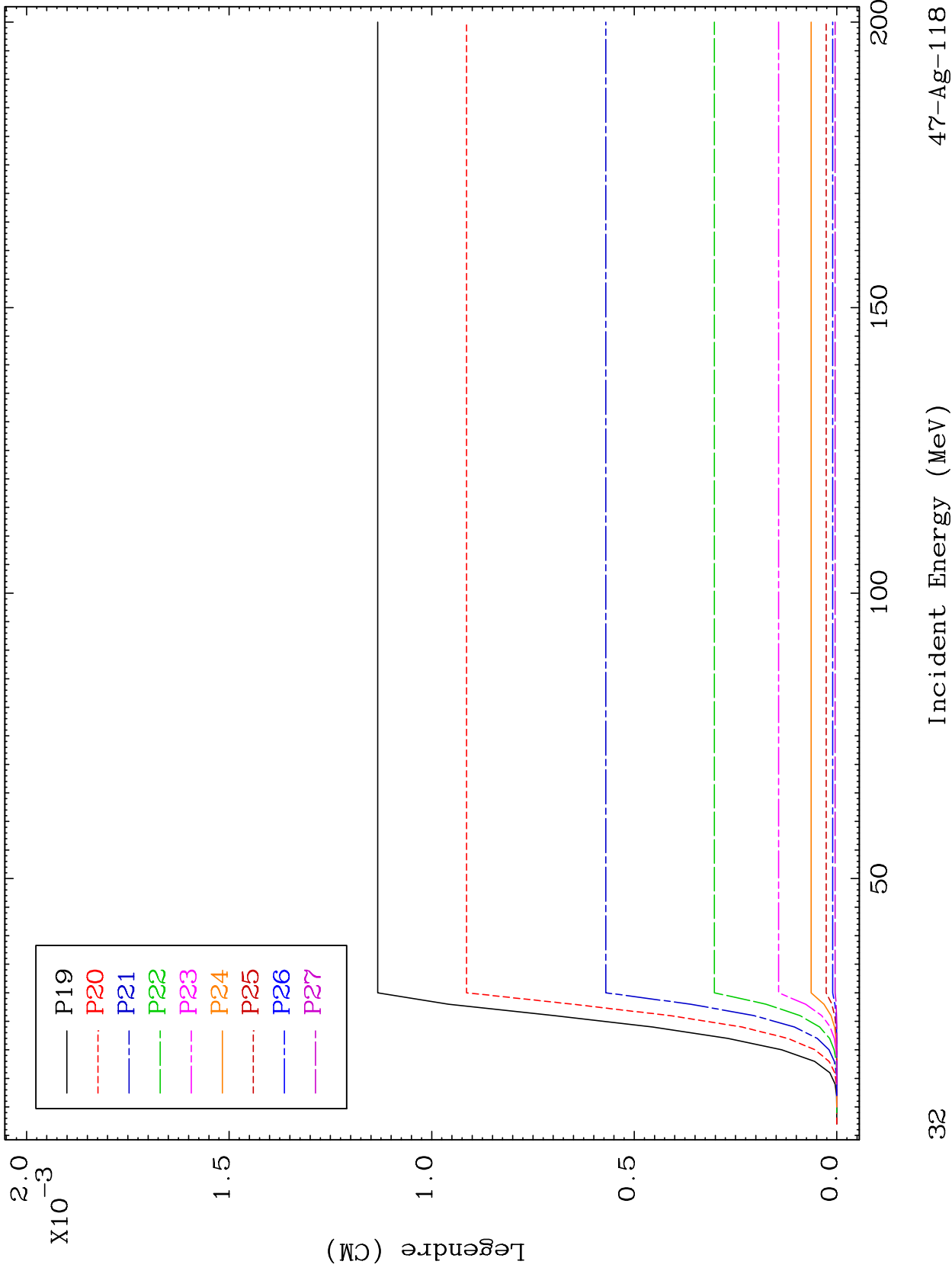


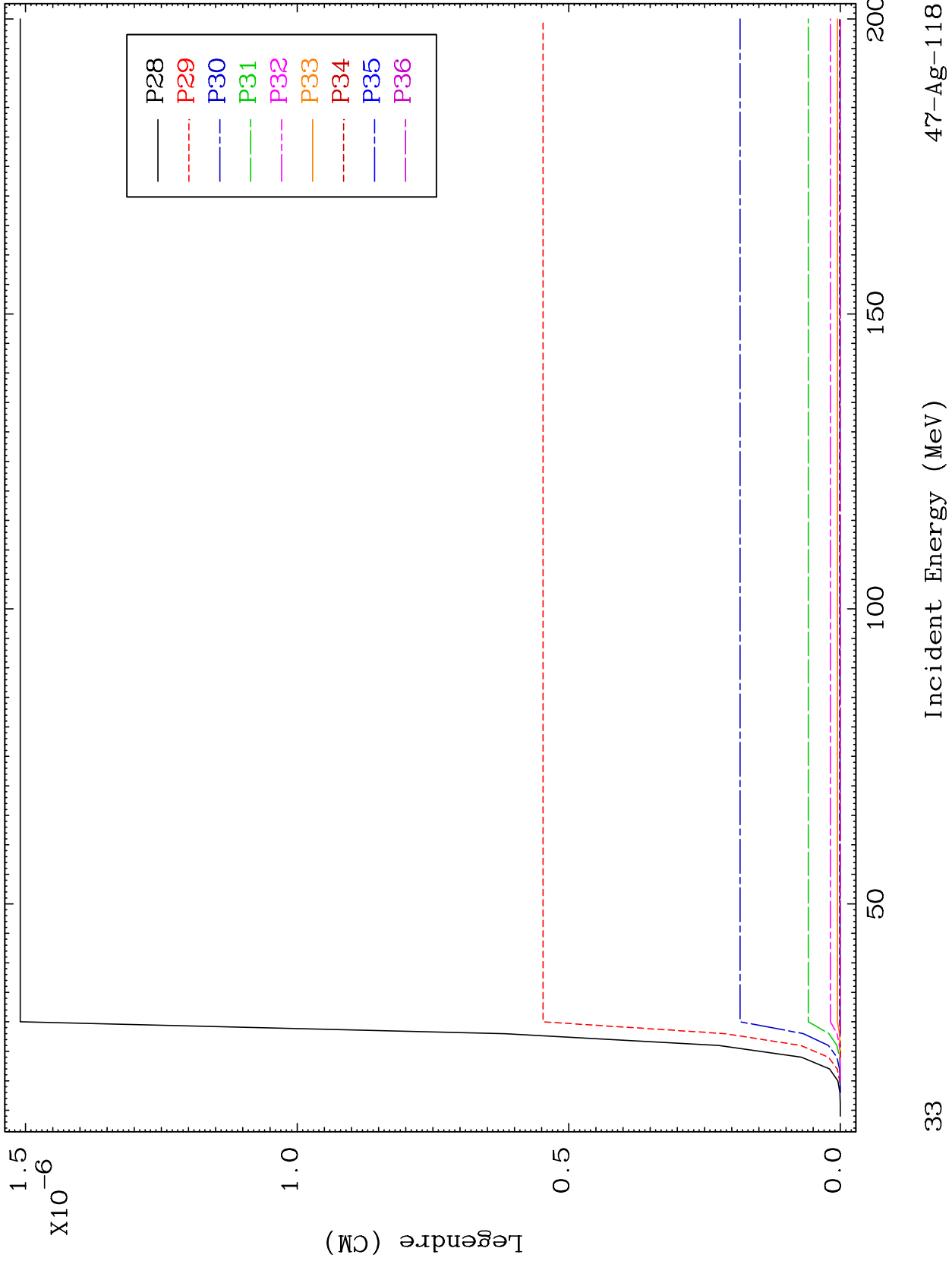


MAT 4758

127.6 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

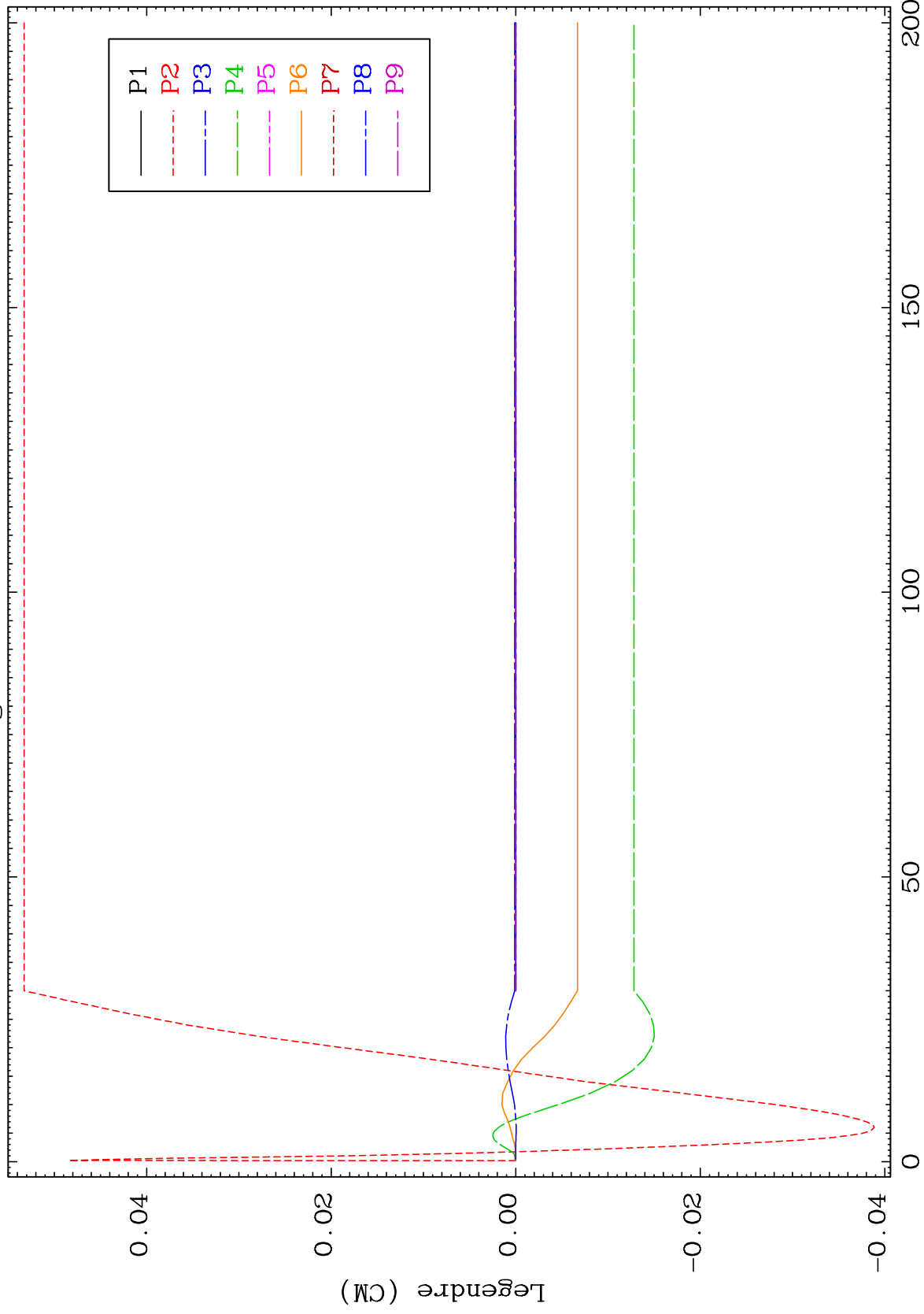




MAT 4758

154.0 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



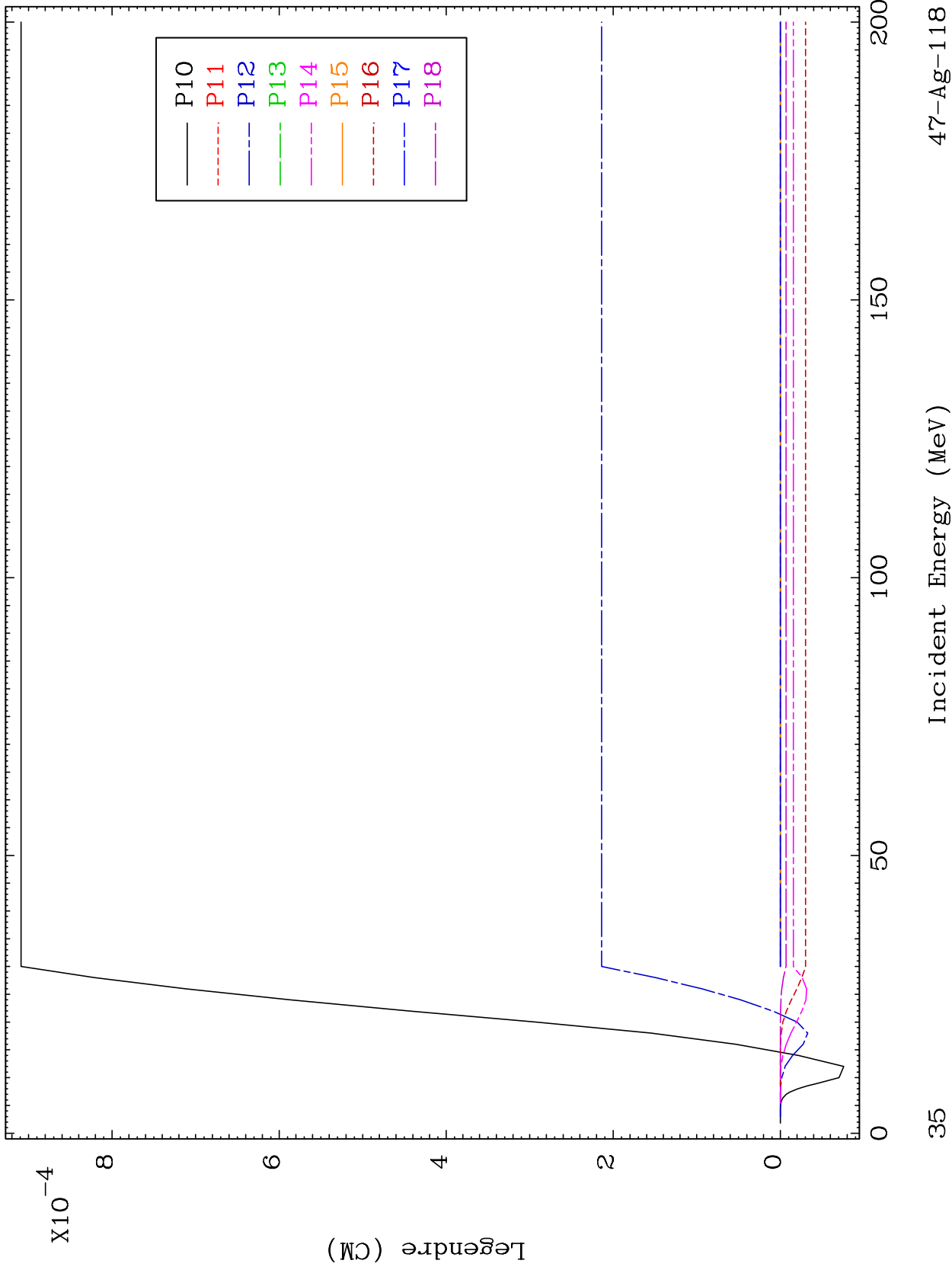
34

47-Ag-118

MAT 4758

154.0 keV (n,n') Level  
Legendre Coefficients

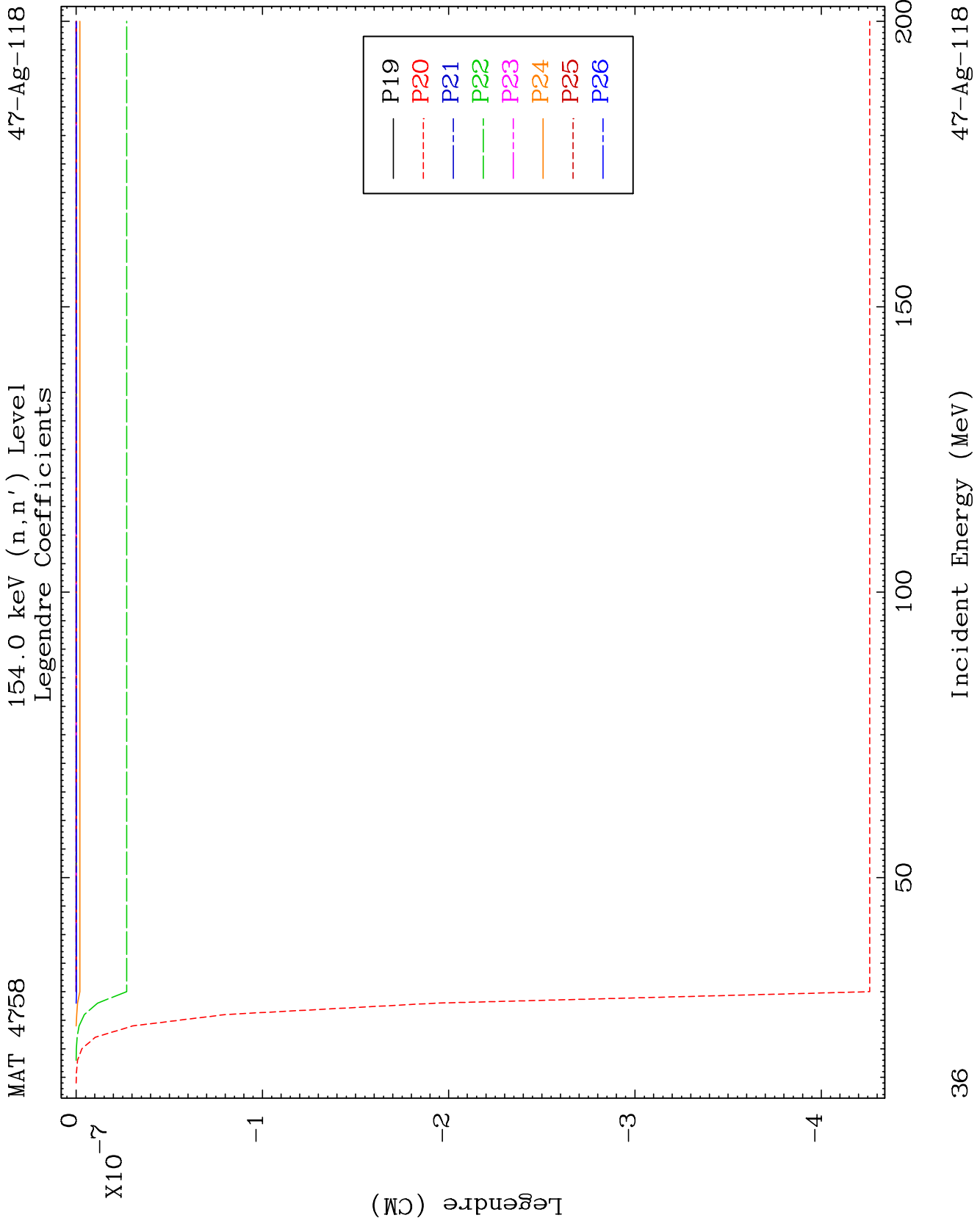
47-Ag-118



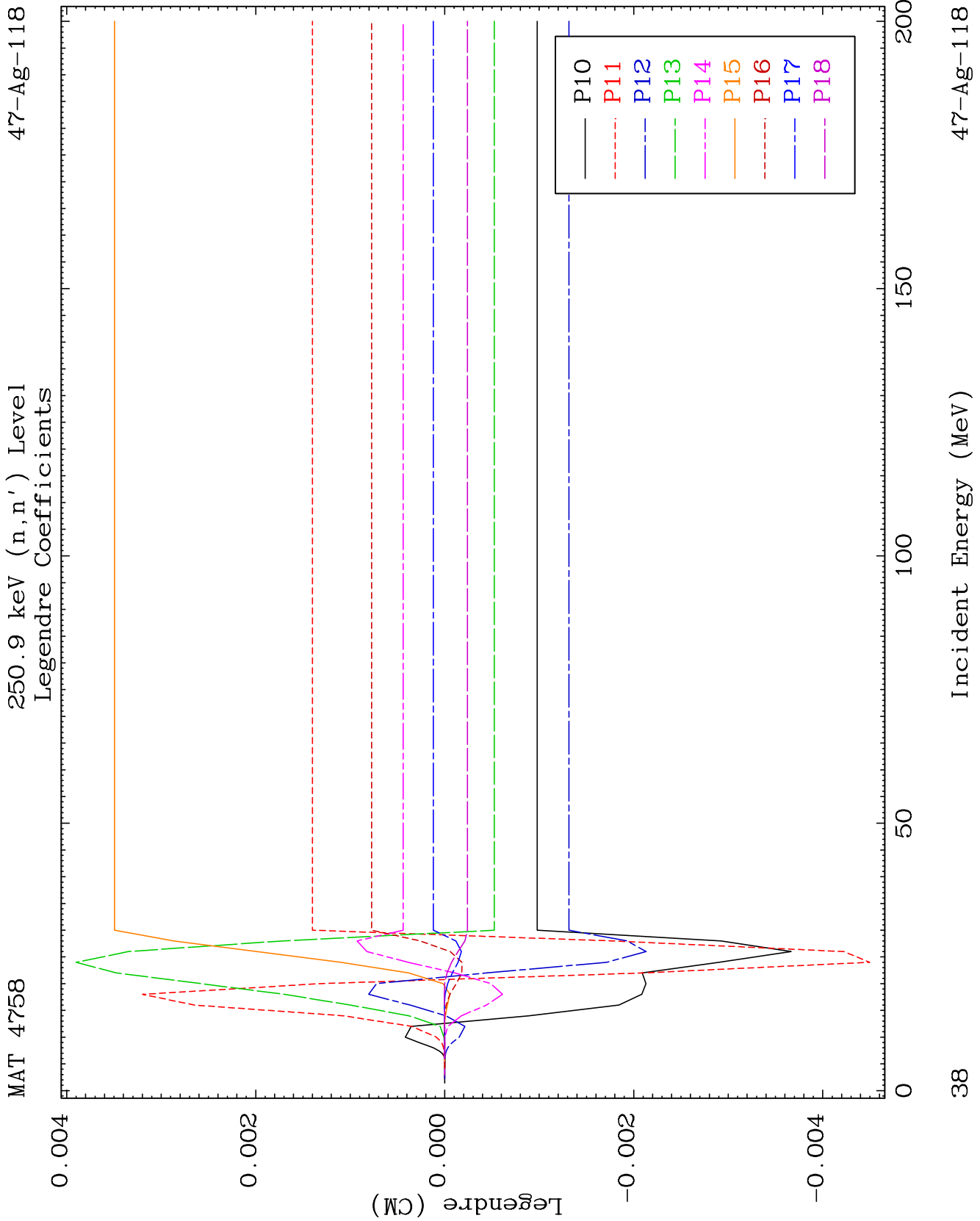
47-Ag-118

Incident Energy (MeV)

35



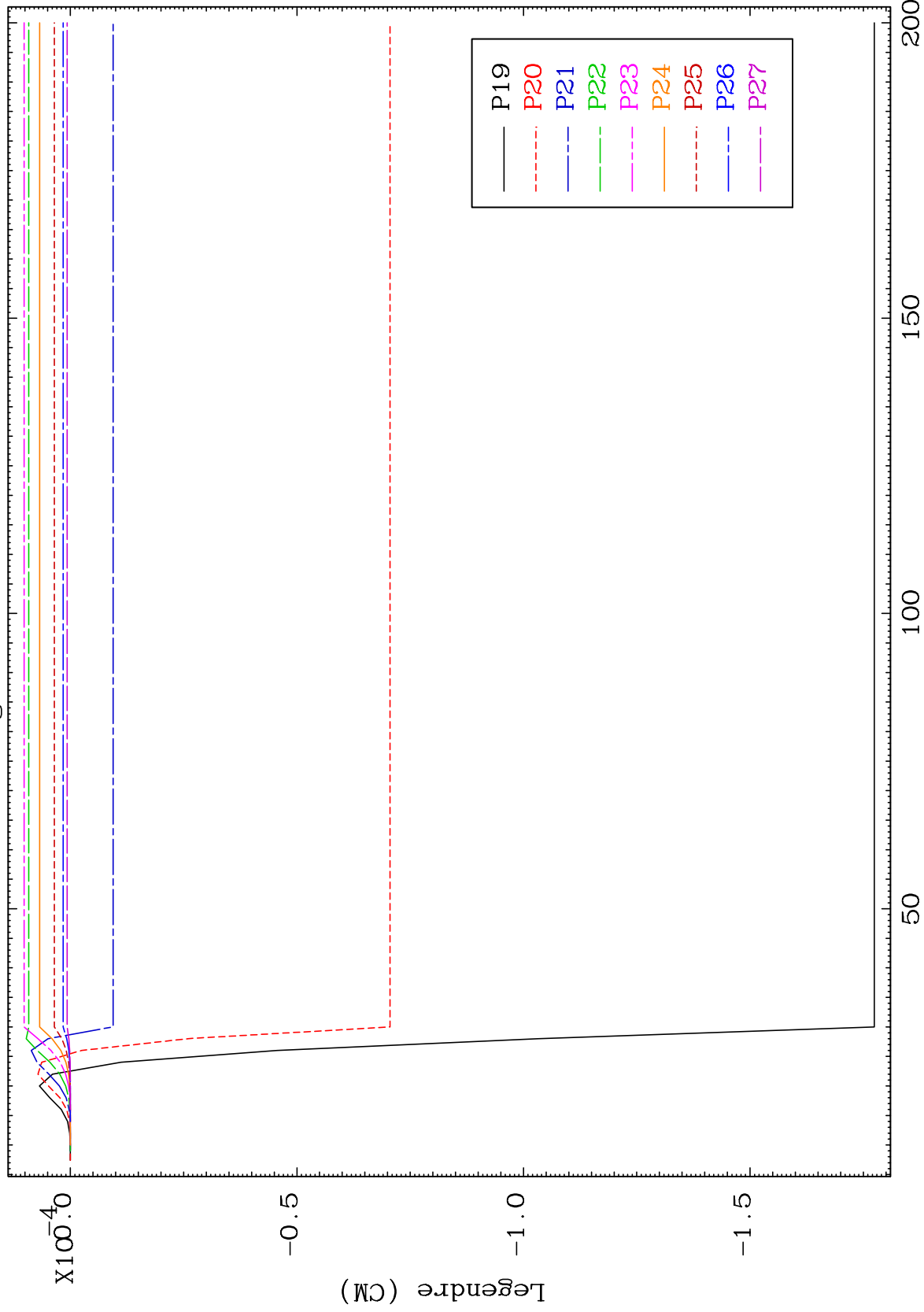




MAT 4758

250.9 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



39

Incident Energy (MeV)

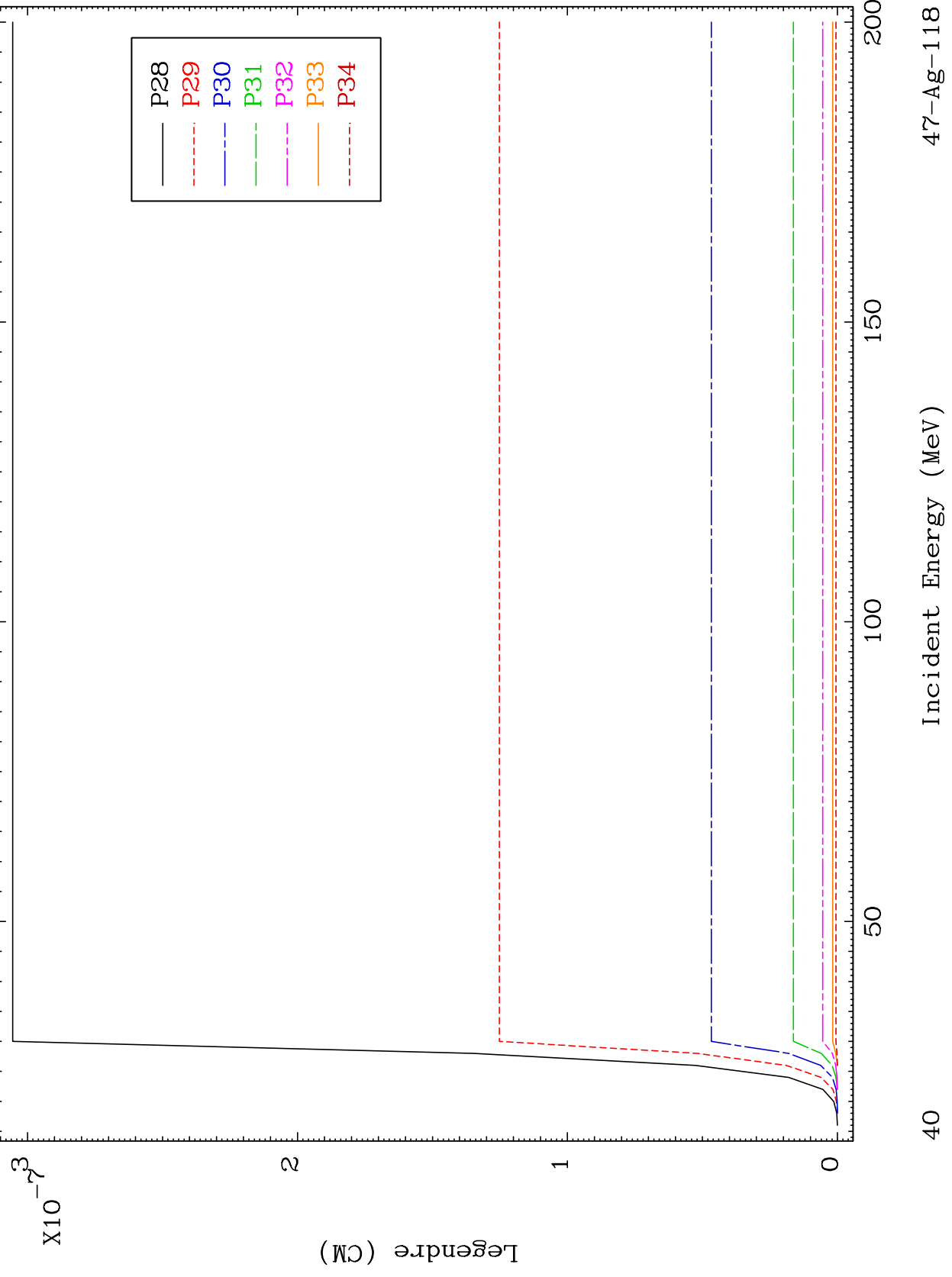
47-Ag-118



MAT 4758

250.9 keV (n,n') Level  
Legendre Coefficients

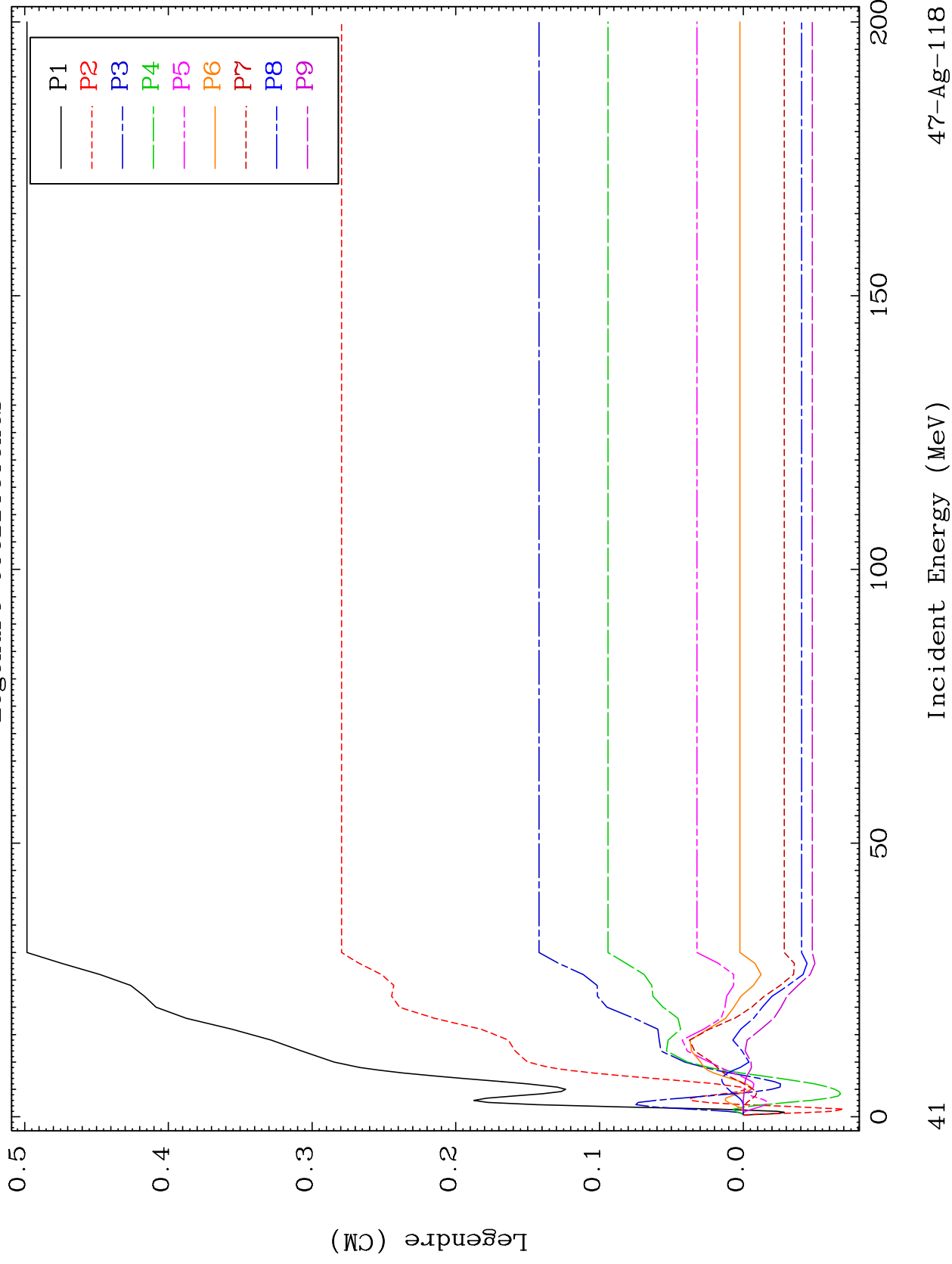
47-Ag-118



MAT 4758

279.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



41

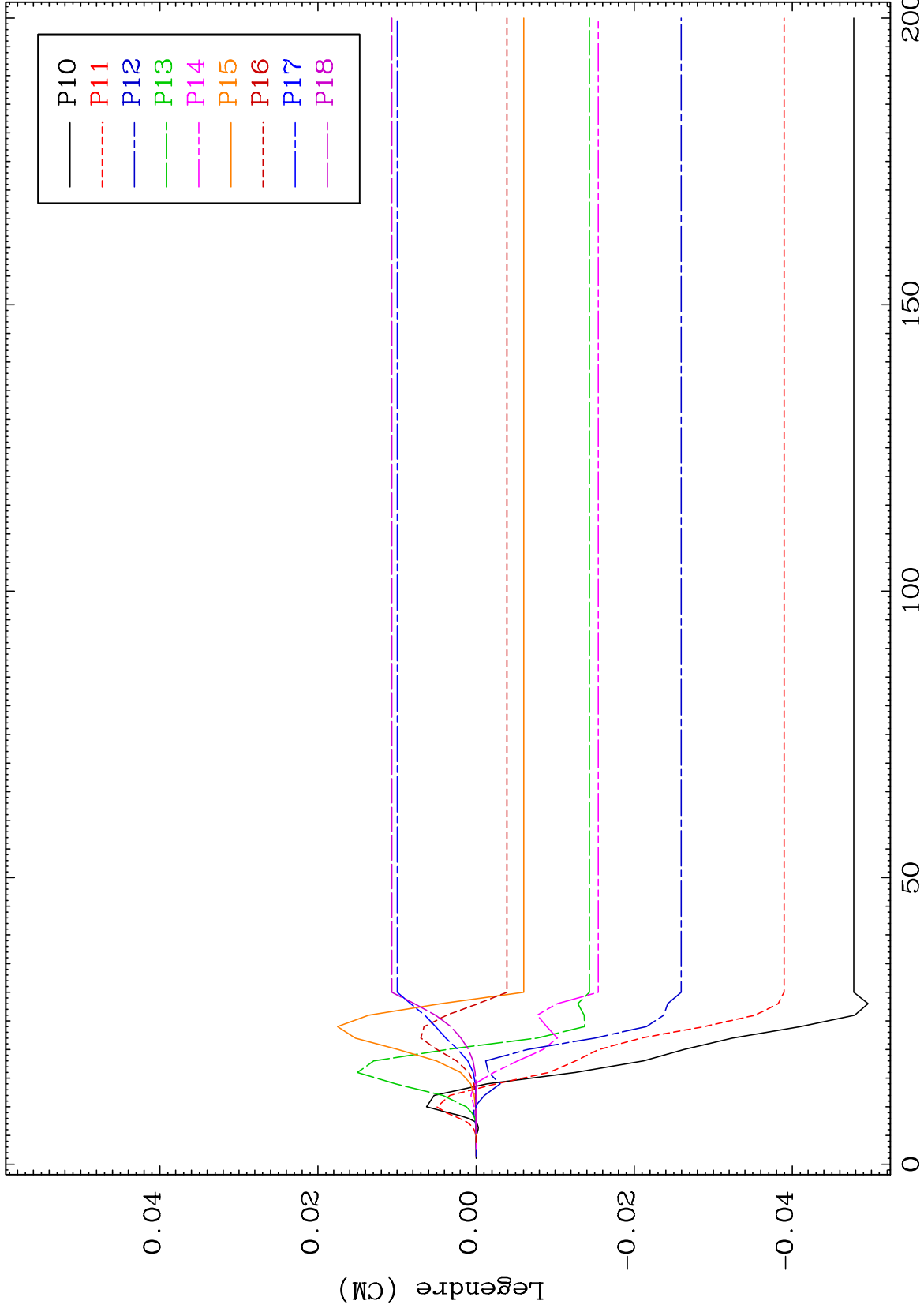
Incident Energy (MeV)

47-Ag-118

MAT 4758

279.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



42

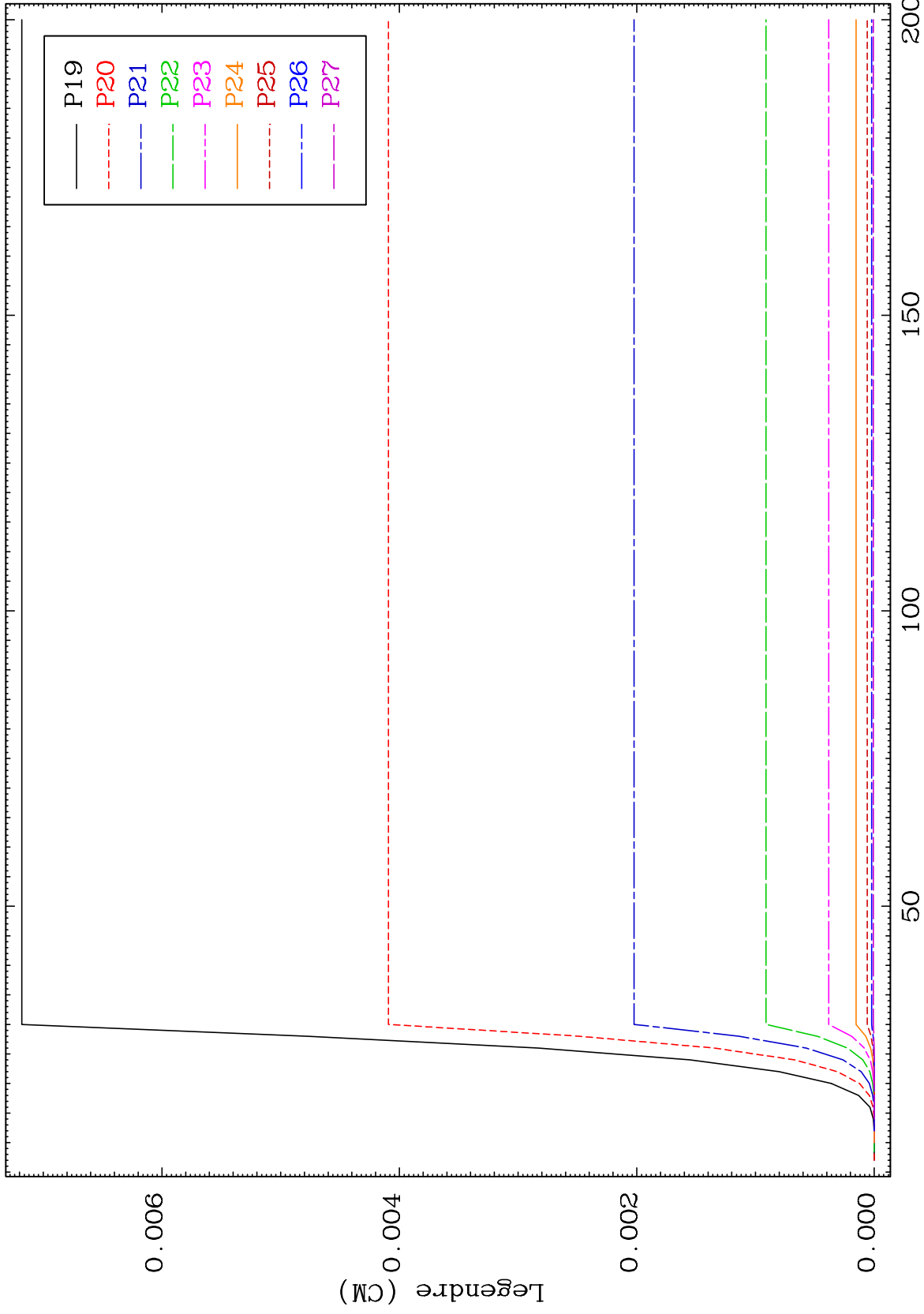
Incident Energy (MeV)

47-Ag-118

MAT 4758

279.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



43

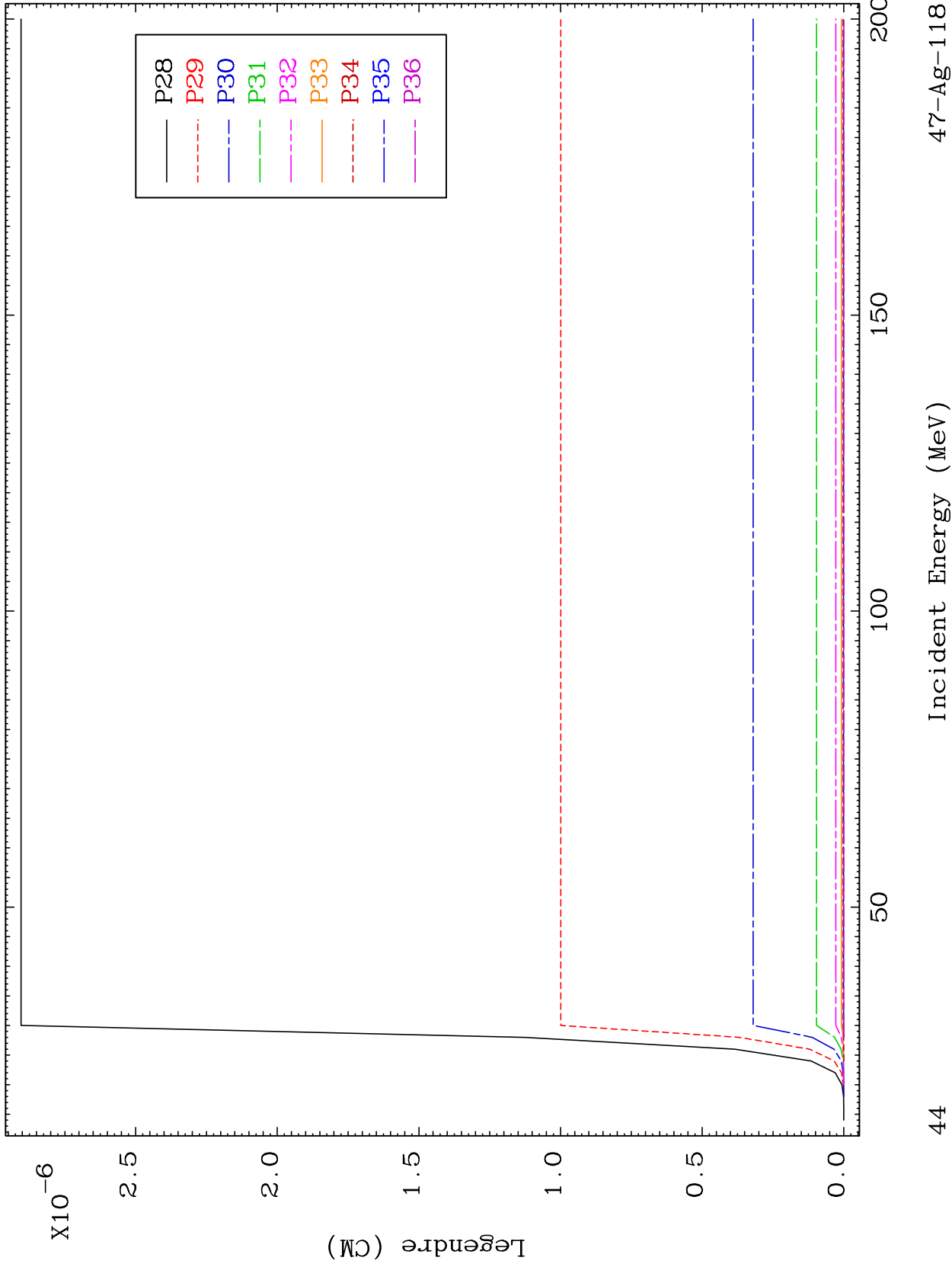
Incident Energy (MeV)

47-Ag-118

MAT 4758

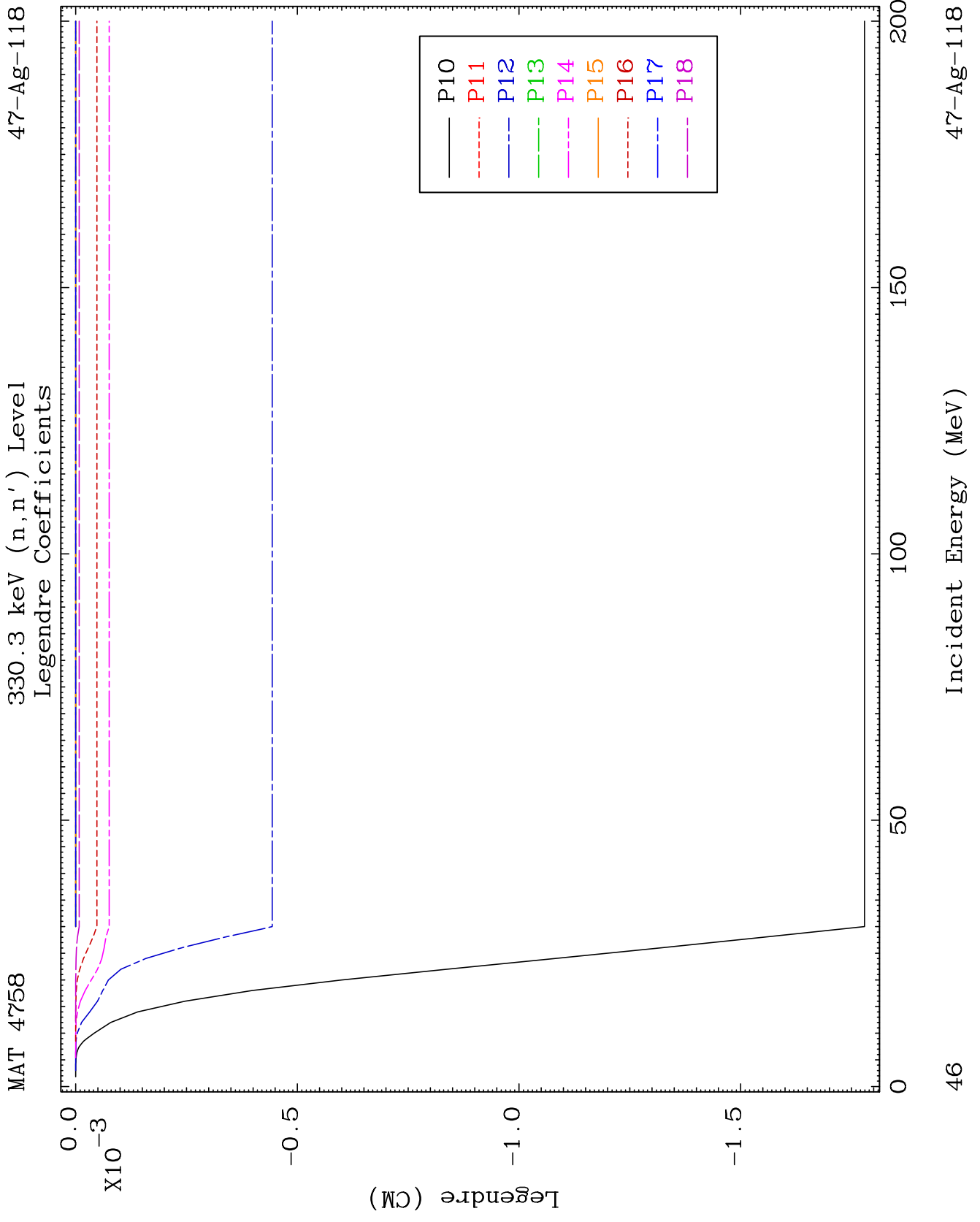
279.4 keV (n,n') Level  
Legendre Coefficients

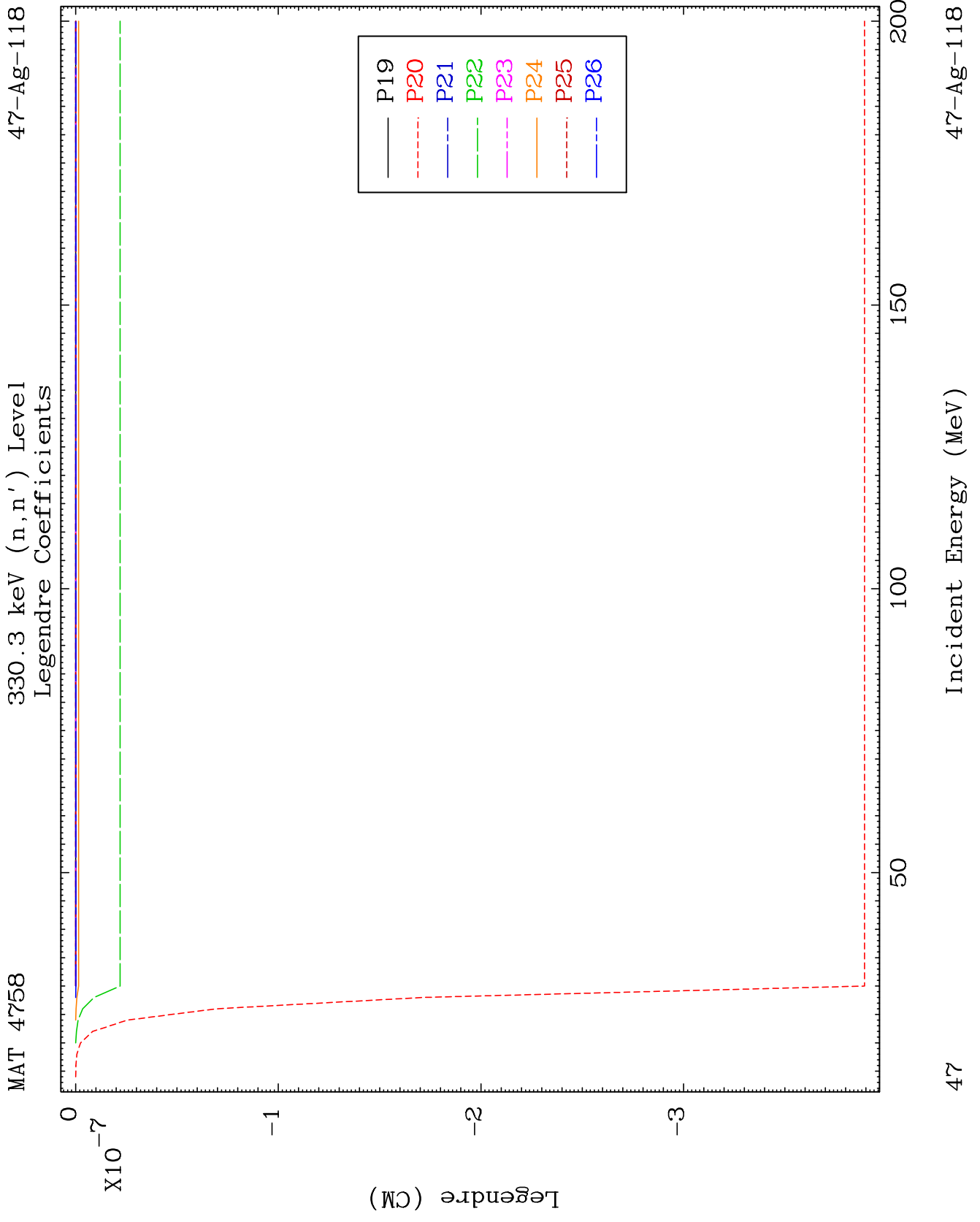
47-Ag-118



44





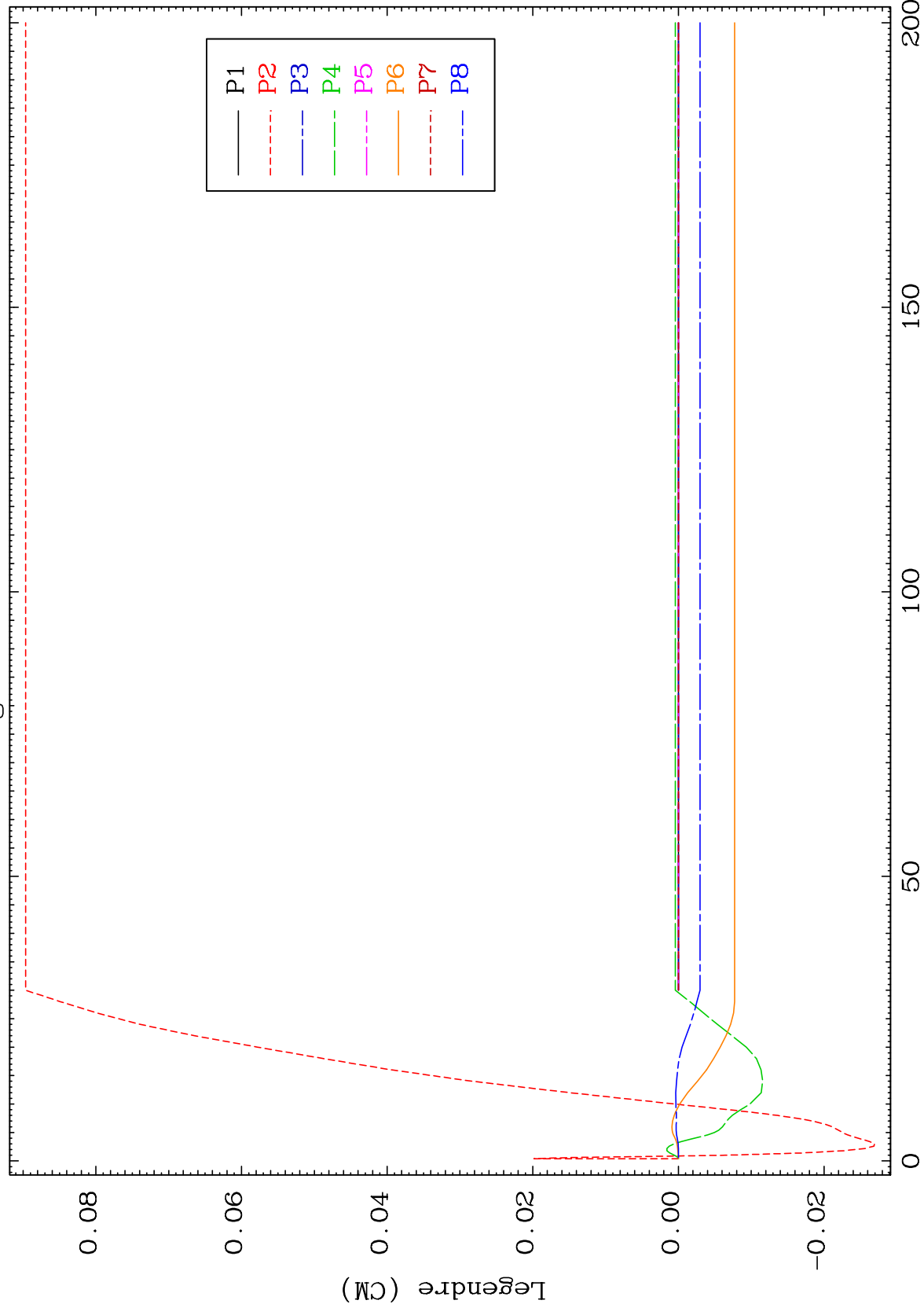




MAT 4758

370.8 keV (n,n') Level  
Legendre Coefficients

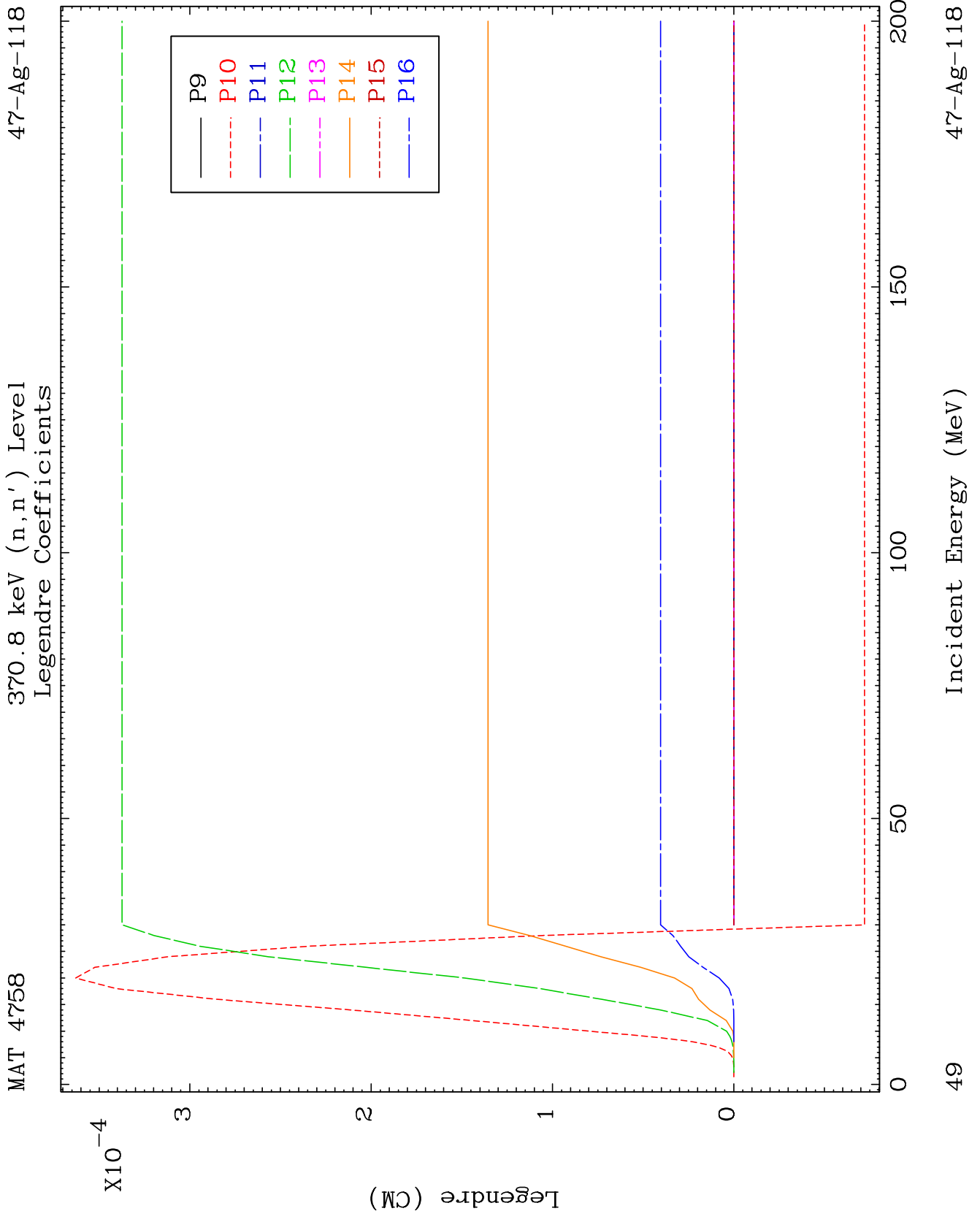
47-Ag-118



47-Ag-118

Incident Energy (MeV)

48

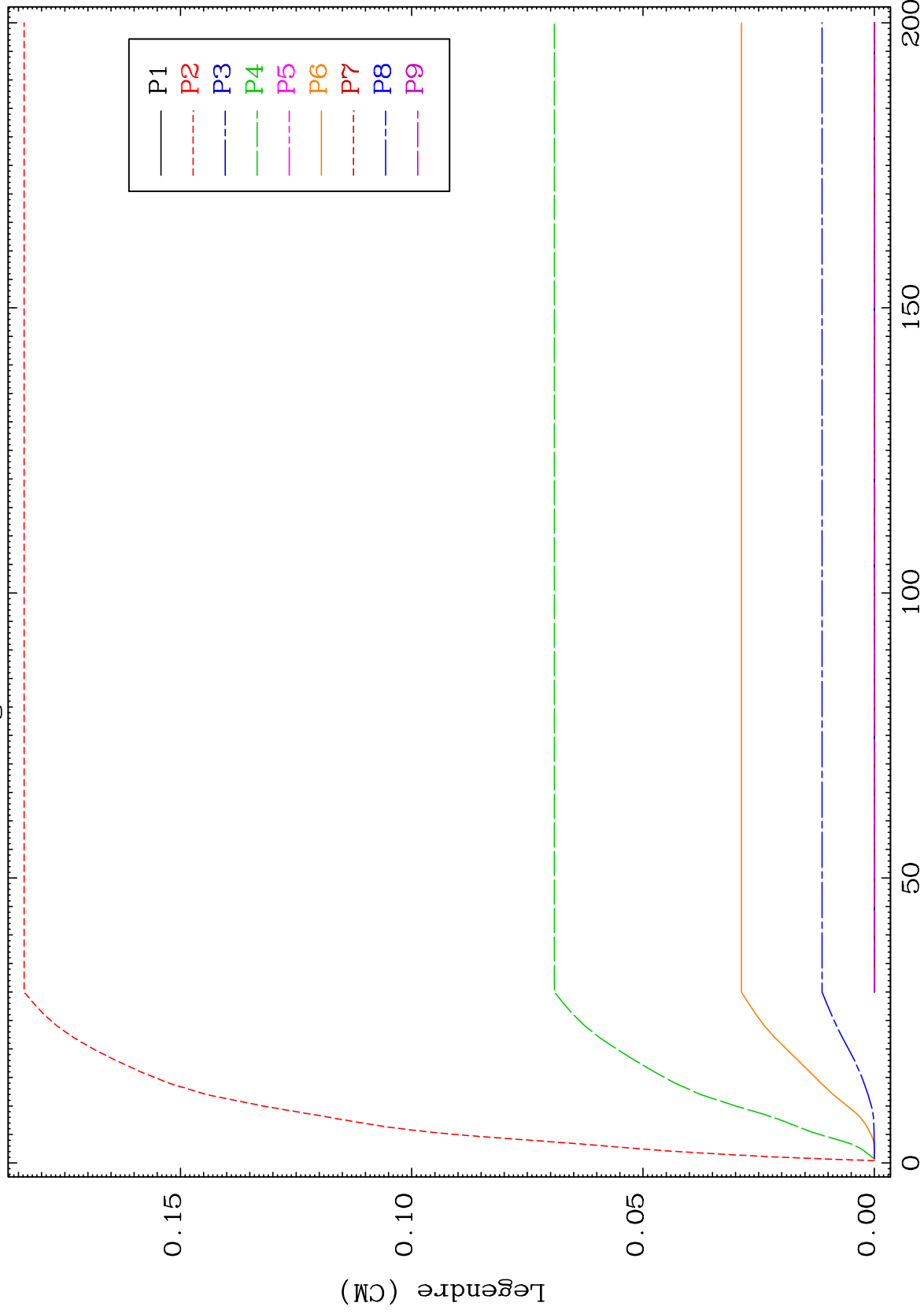




MAT 4758

396.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



51

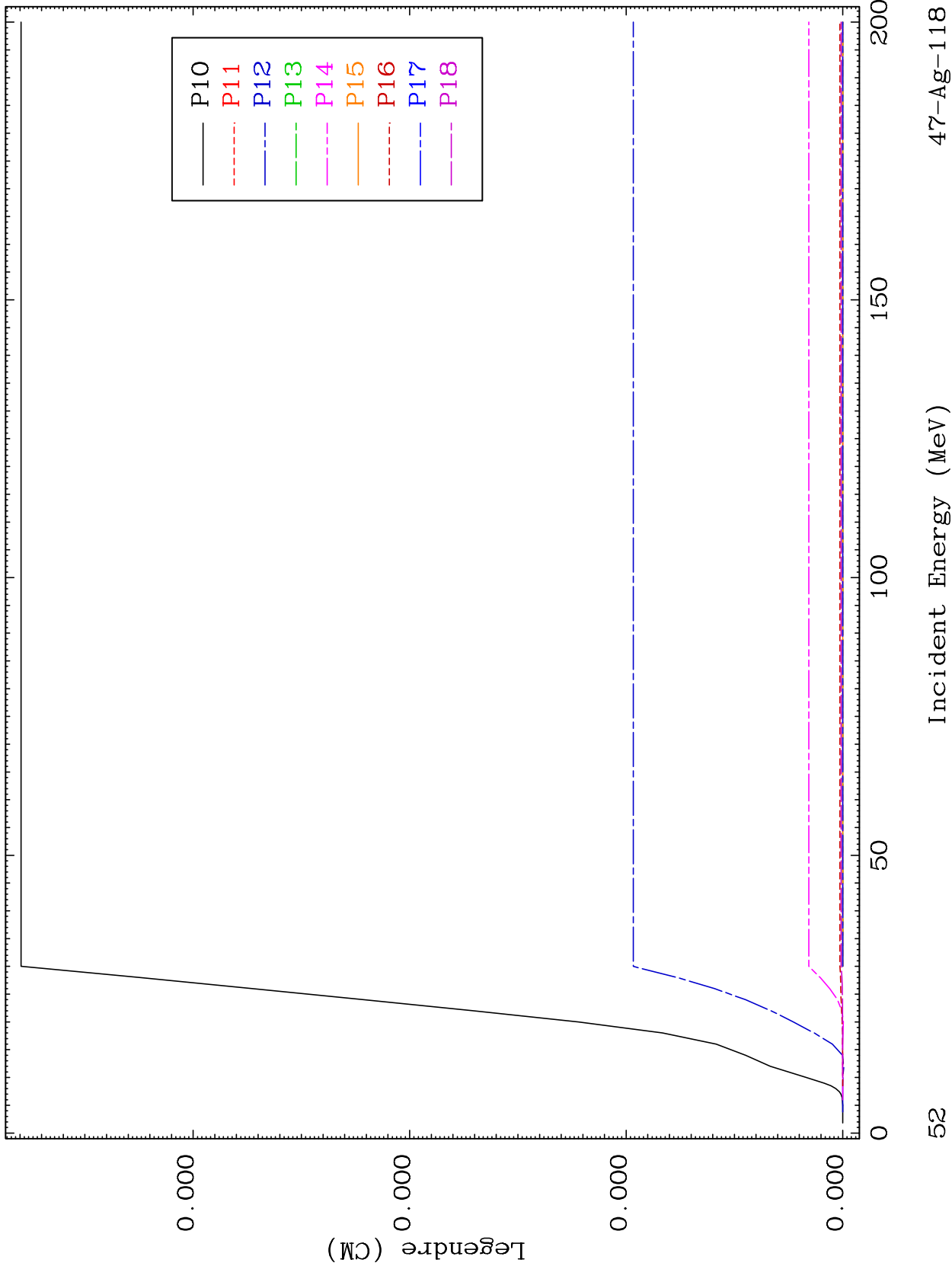
Incident Energy (MeV)

47-Ag-118

MAT 4758

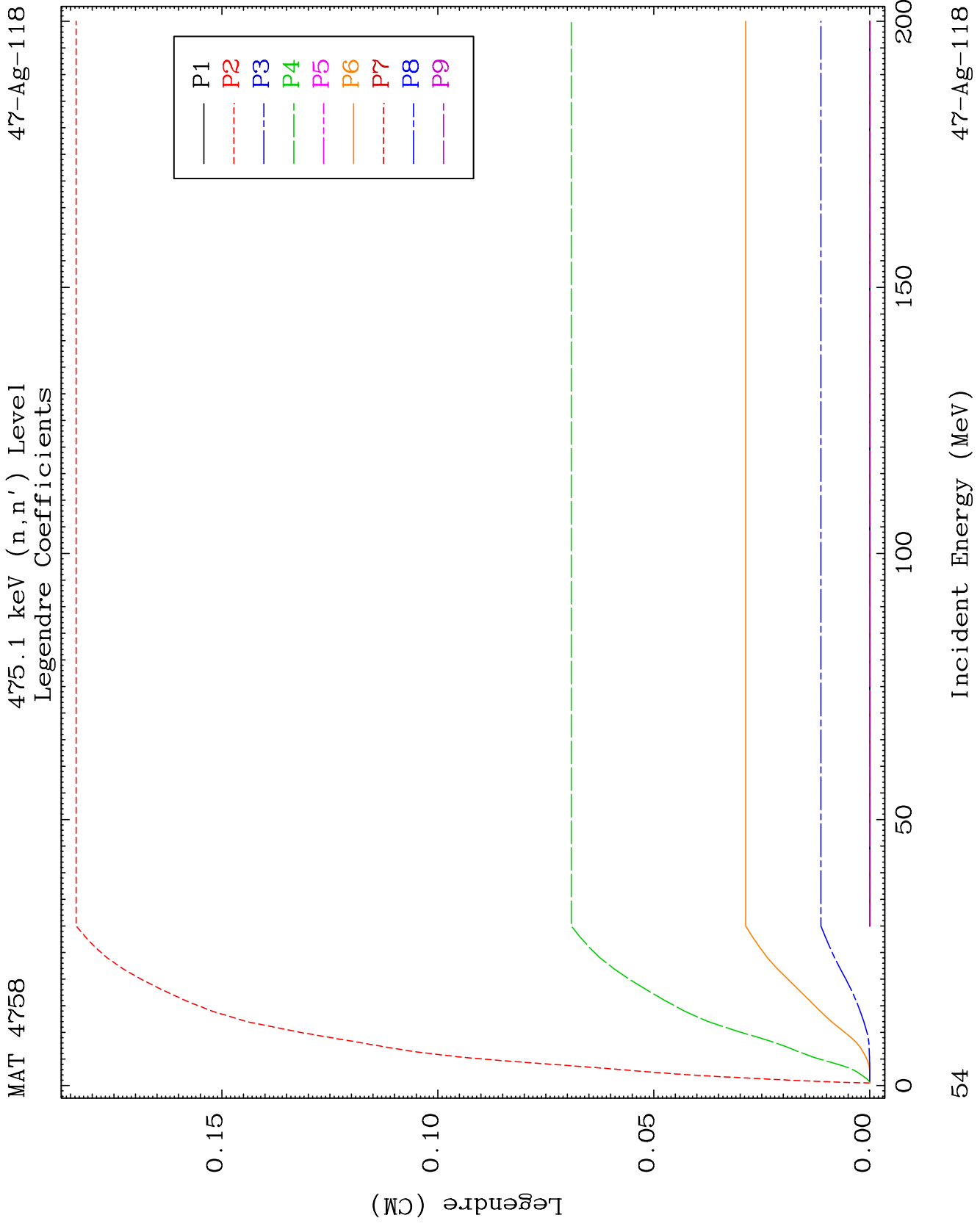
396.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



52

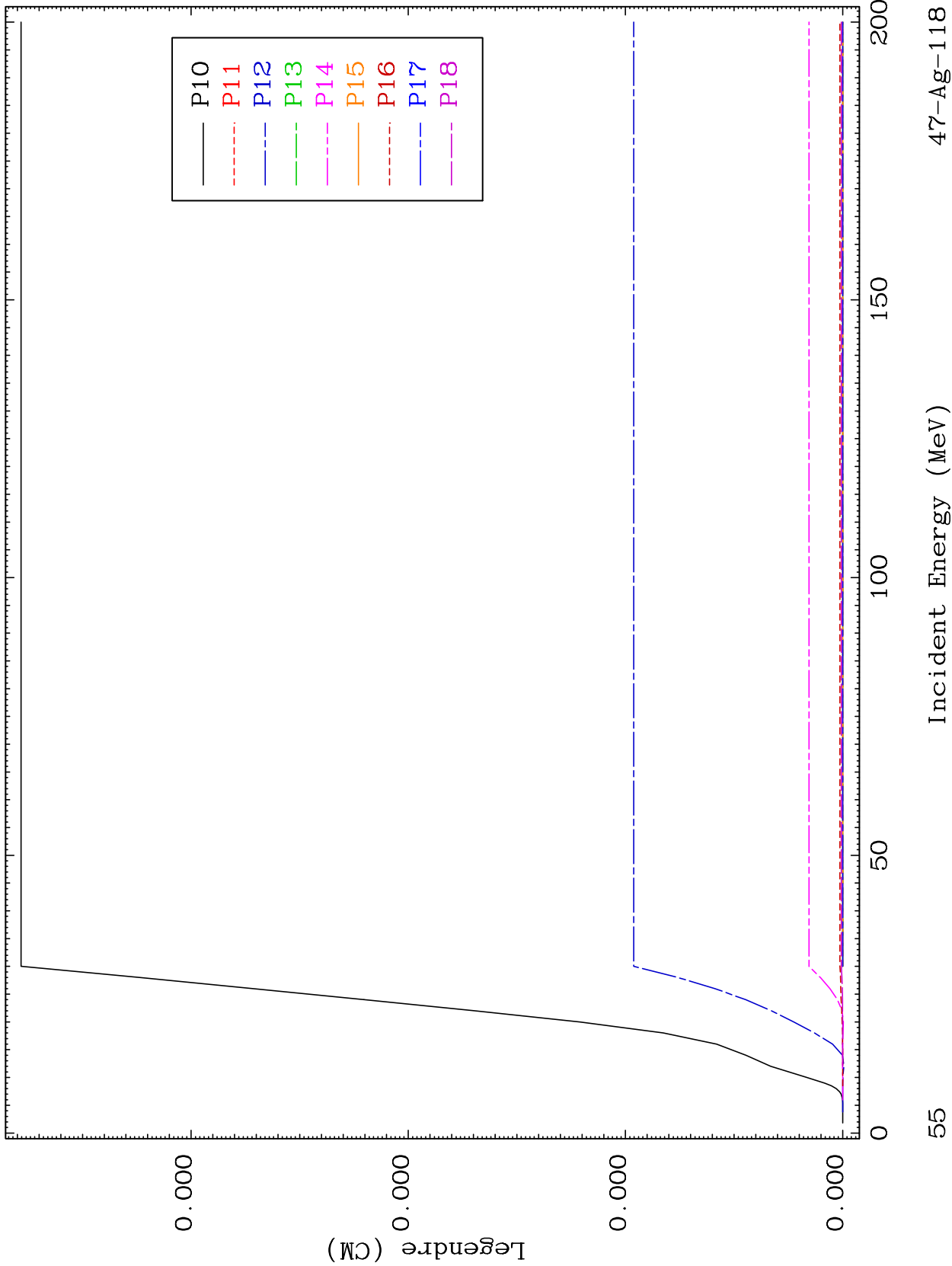




MAT 4758

475.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

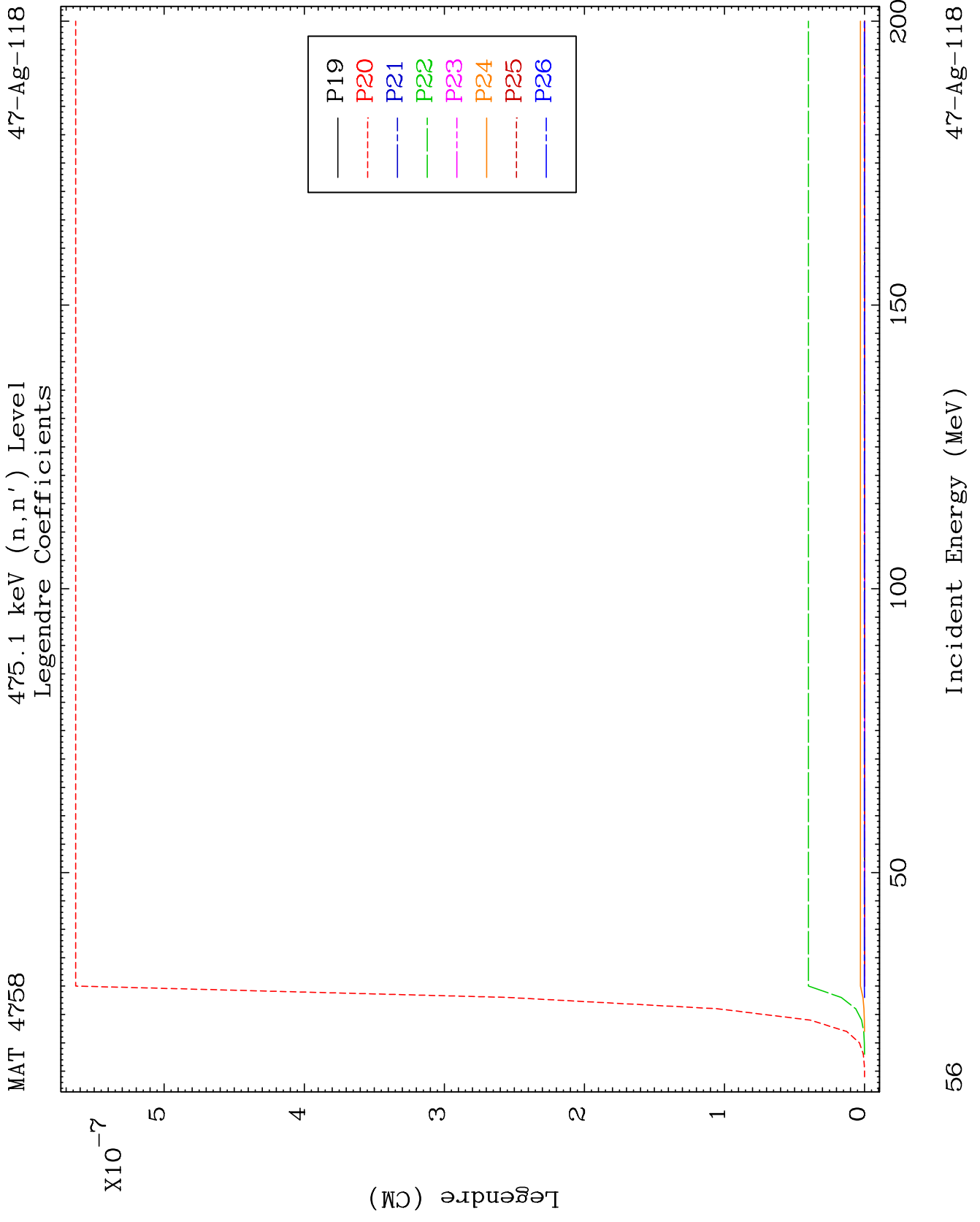


47-Ag-118

Incident Energy (MeV)

55

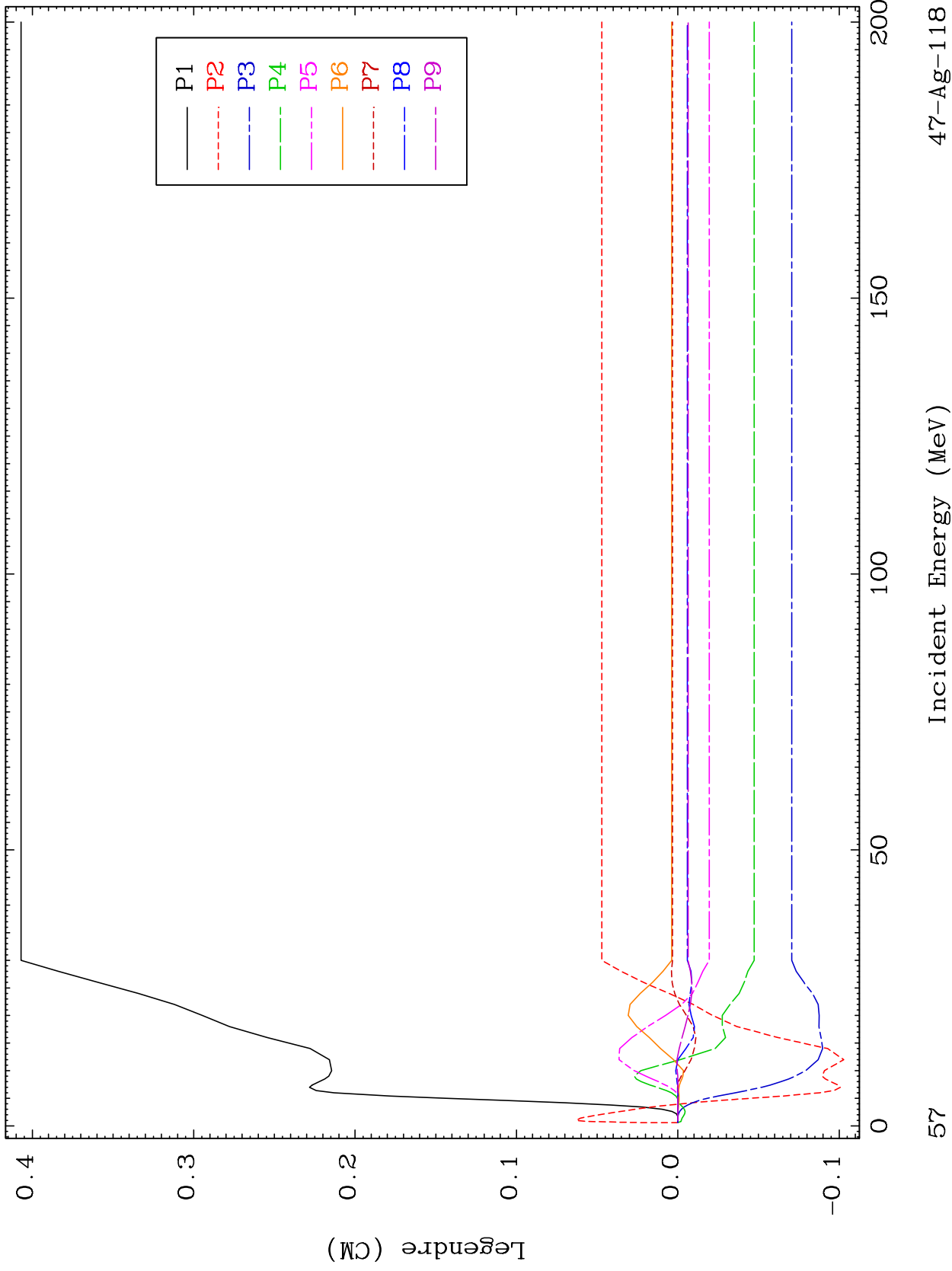




MAT 4758

563.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



47-Ag-118

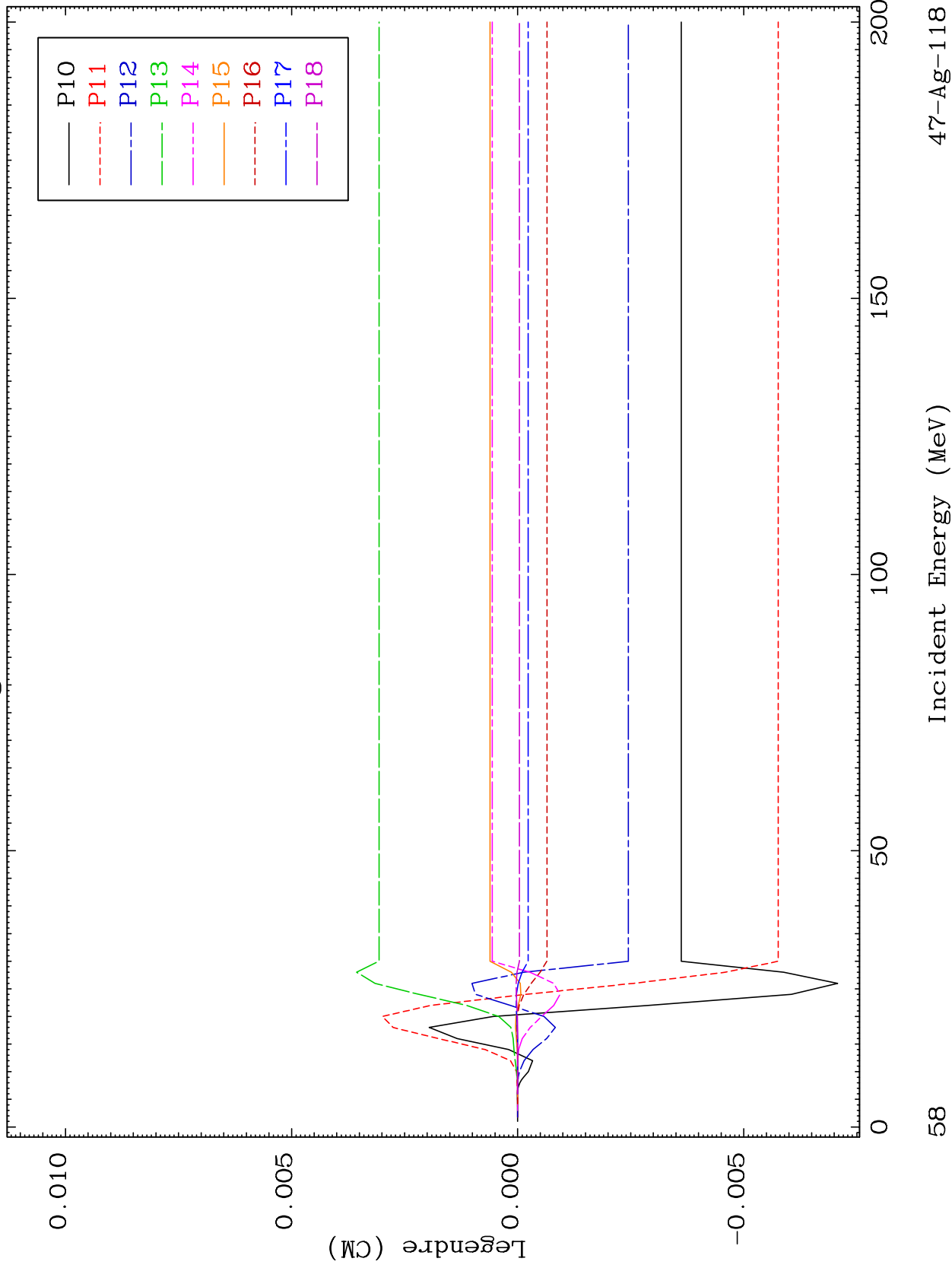
Incident Energy (MeV)

57

MAT 4758

563.2 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



58

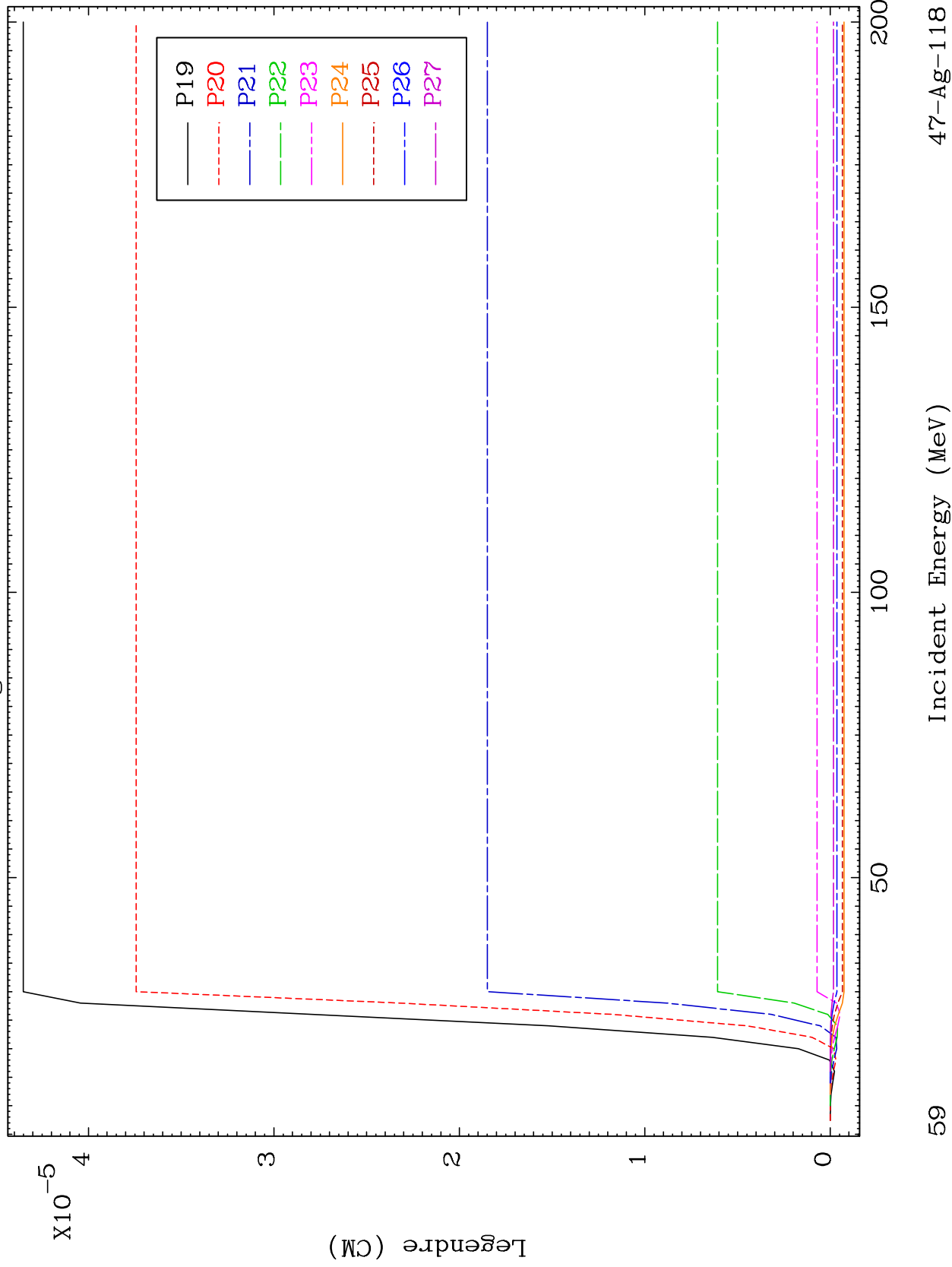
Incident Energy (MeV)

47-Ag-118

MAT 4758

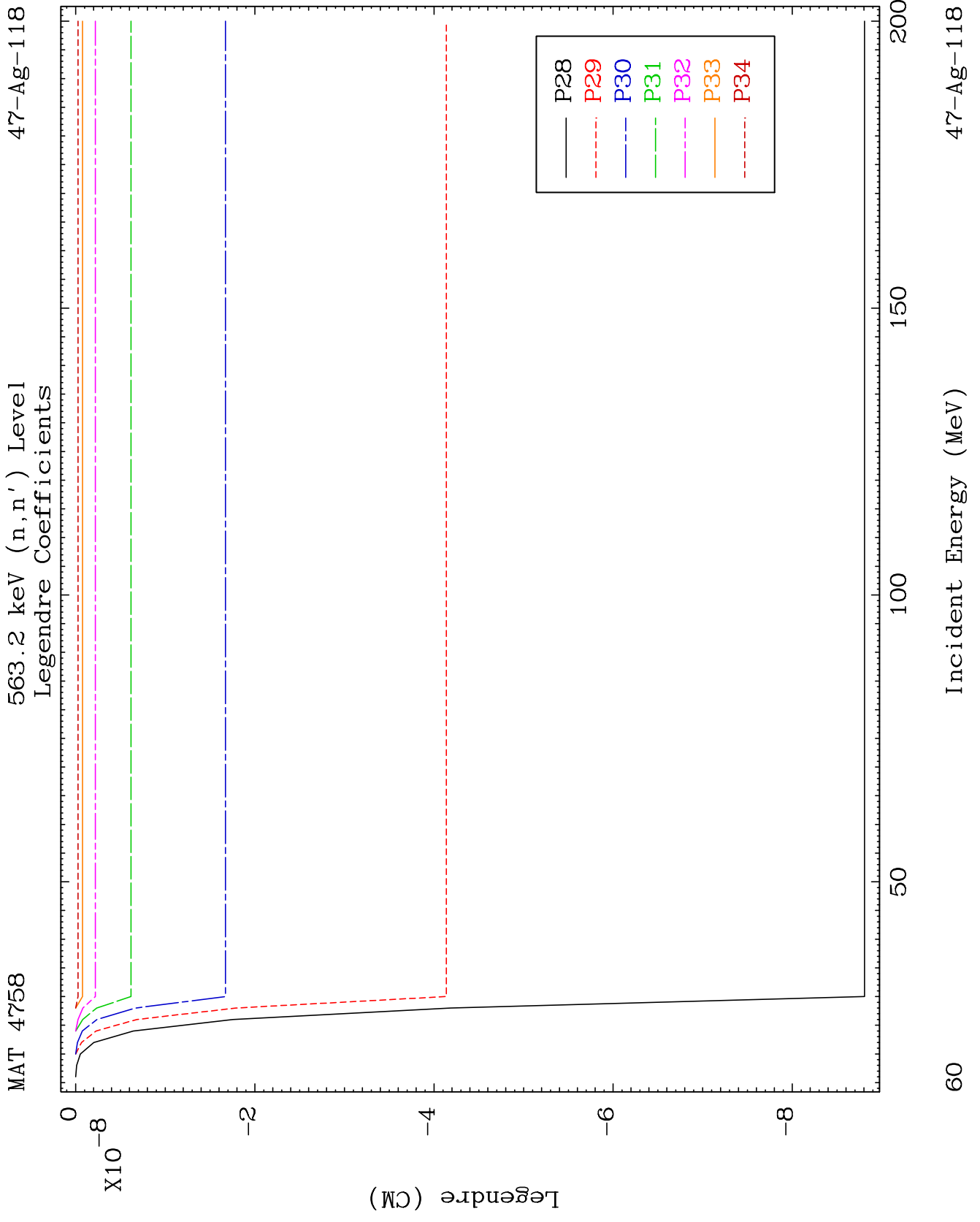
563.2 keV (n,n') Level  
Legendre Coefficients

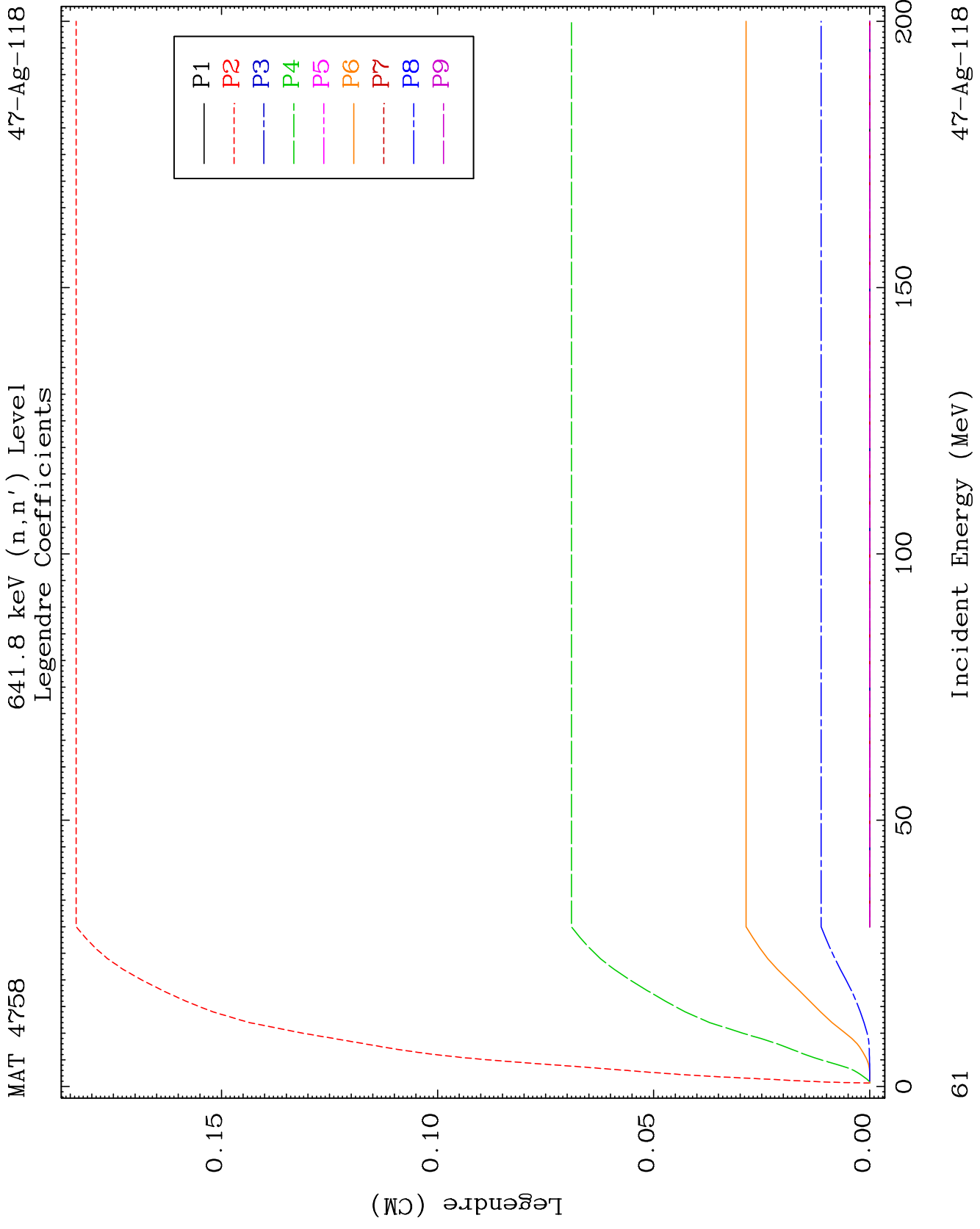
47-Ag-118



59

47-Ag-118

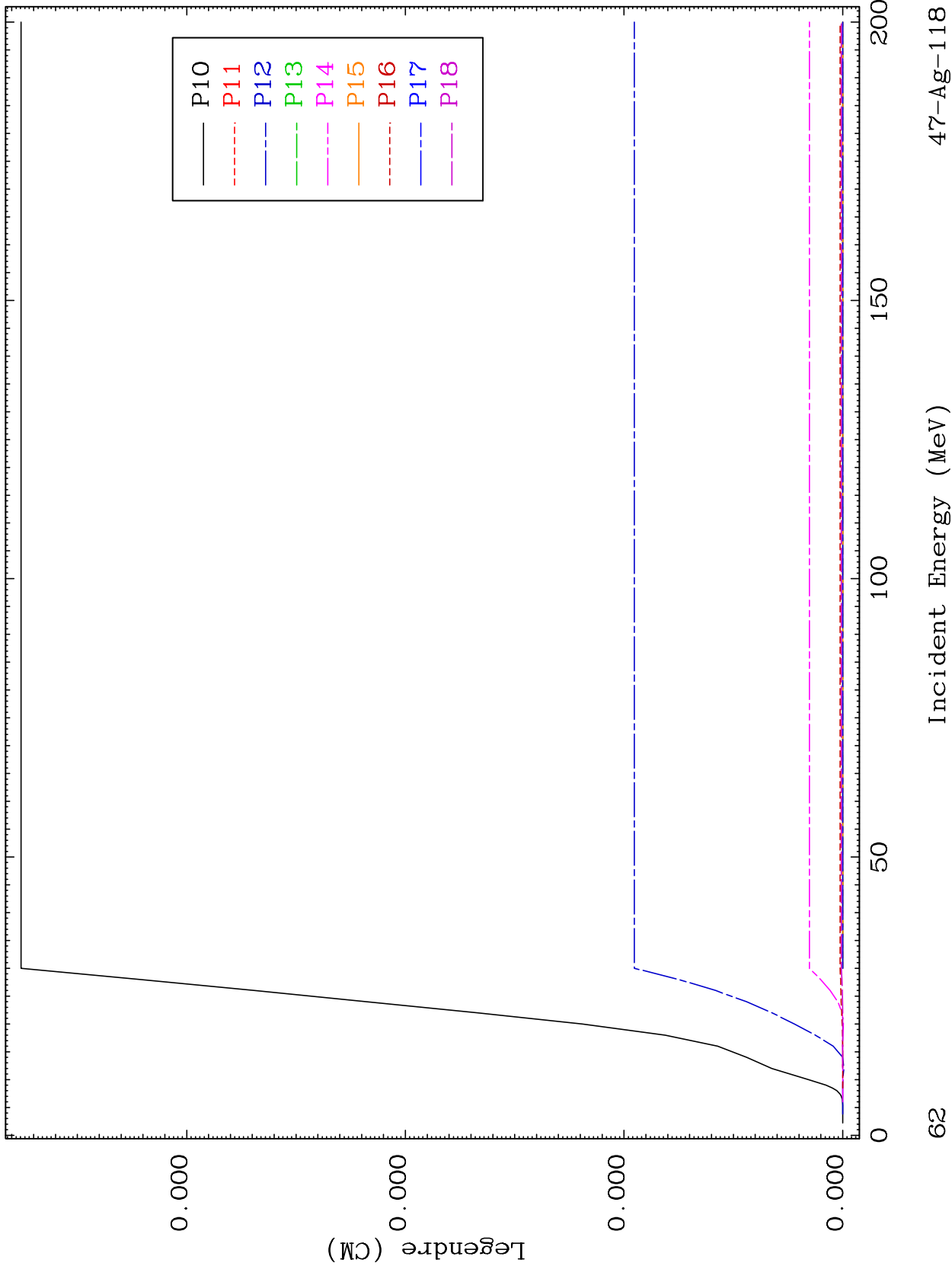




MAT 4758

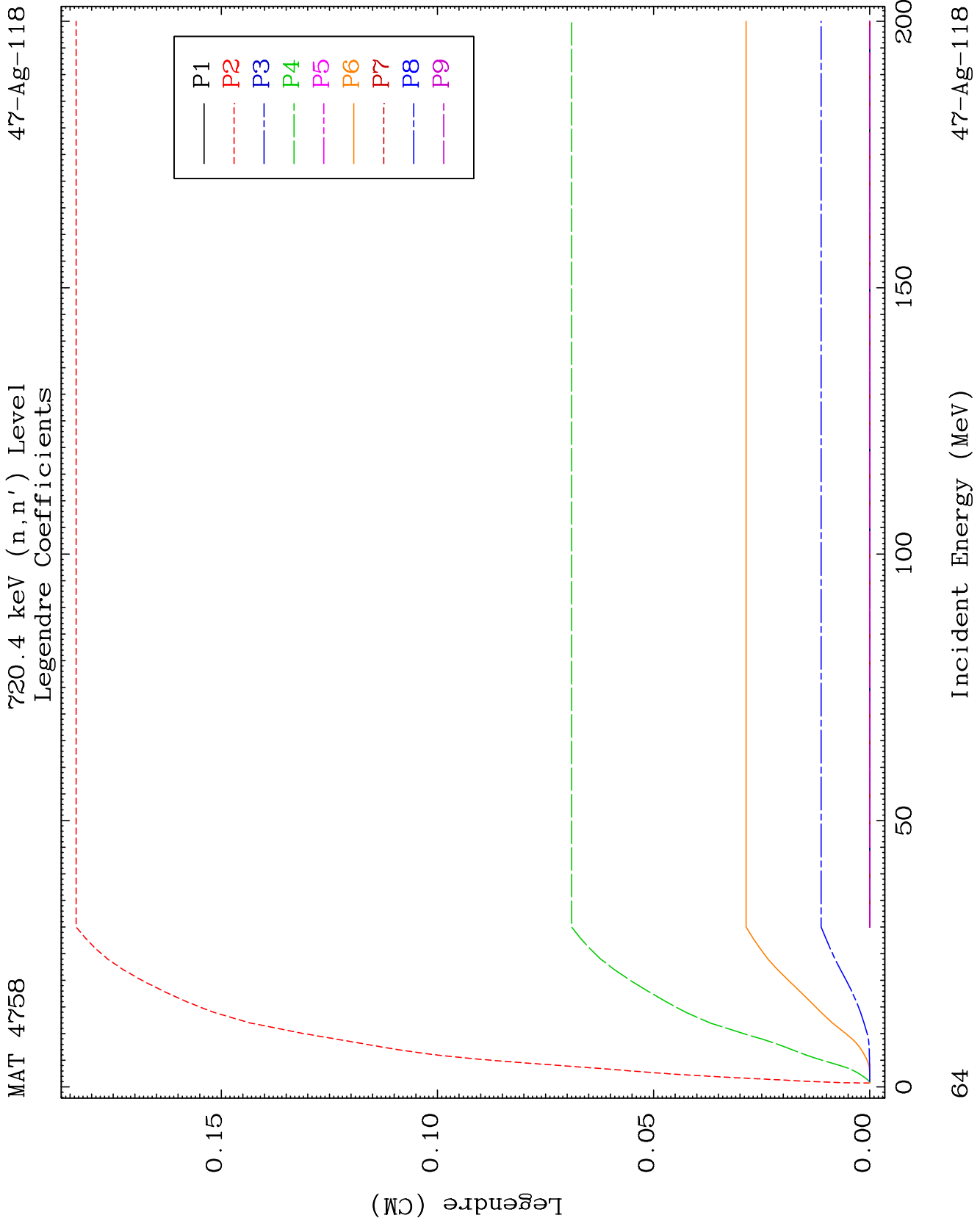
641.8 keV (n,n') Level  
Legendre Coefficients

47-Ag-118





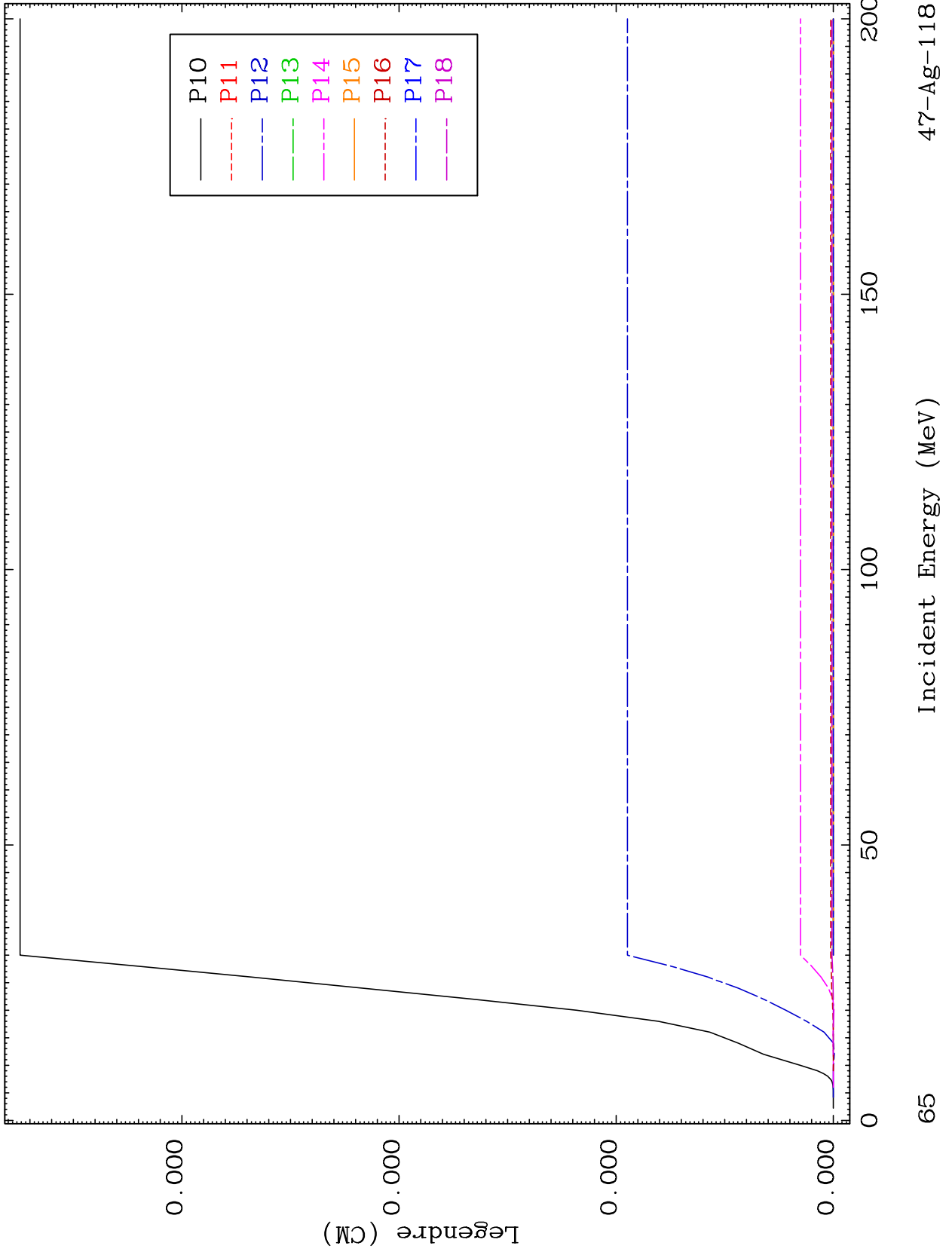




MAT 4758

720.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



47-Ag-118

Incident Energy (MeV)

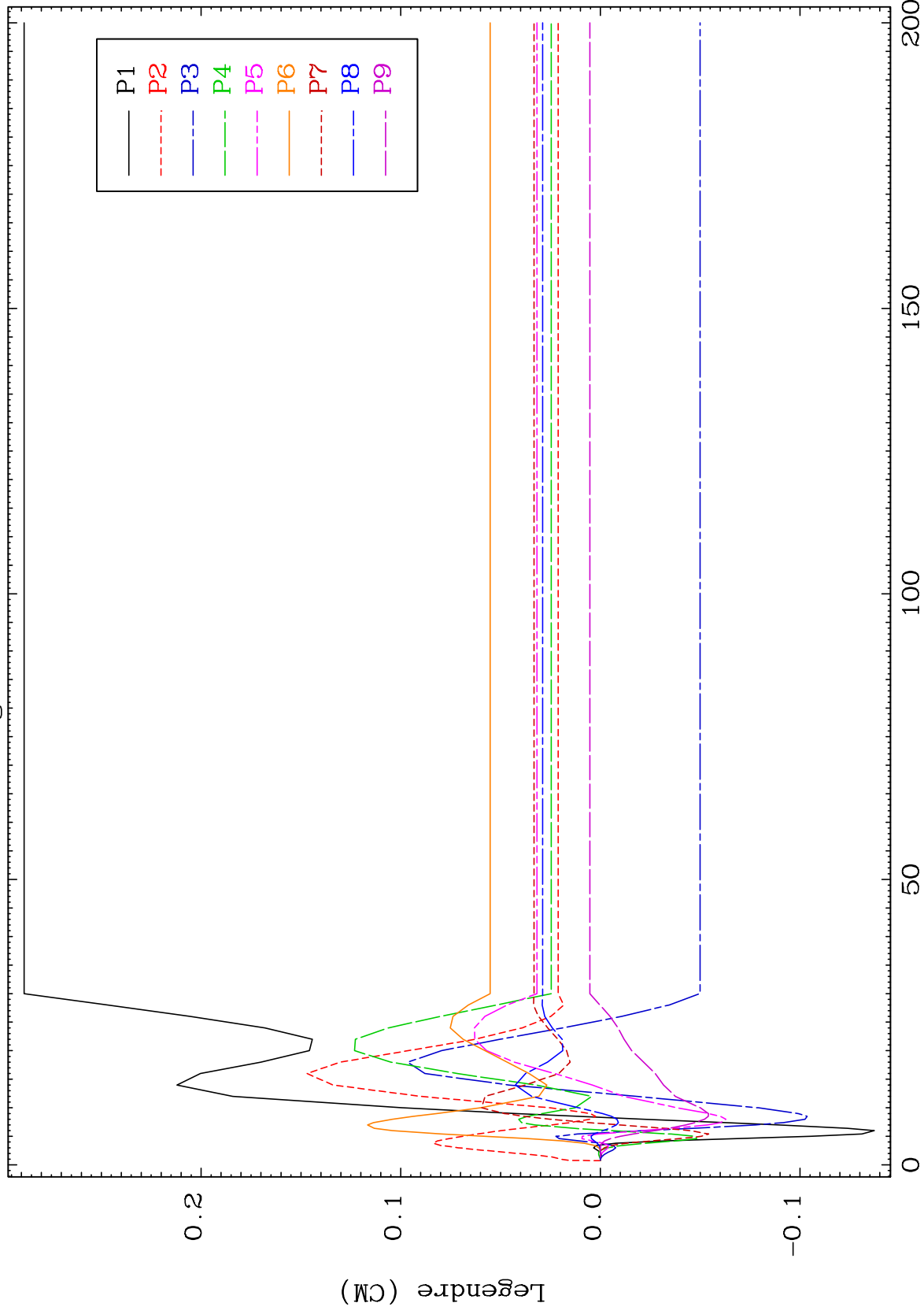
65



MAT 4758

725.4 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



67

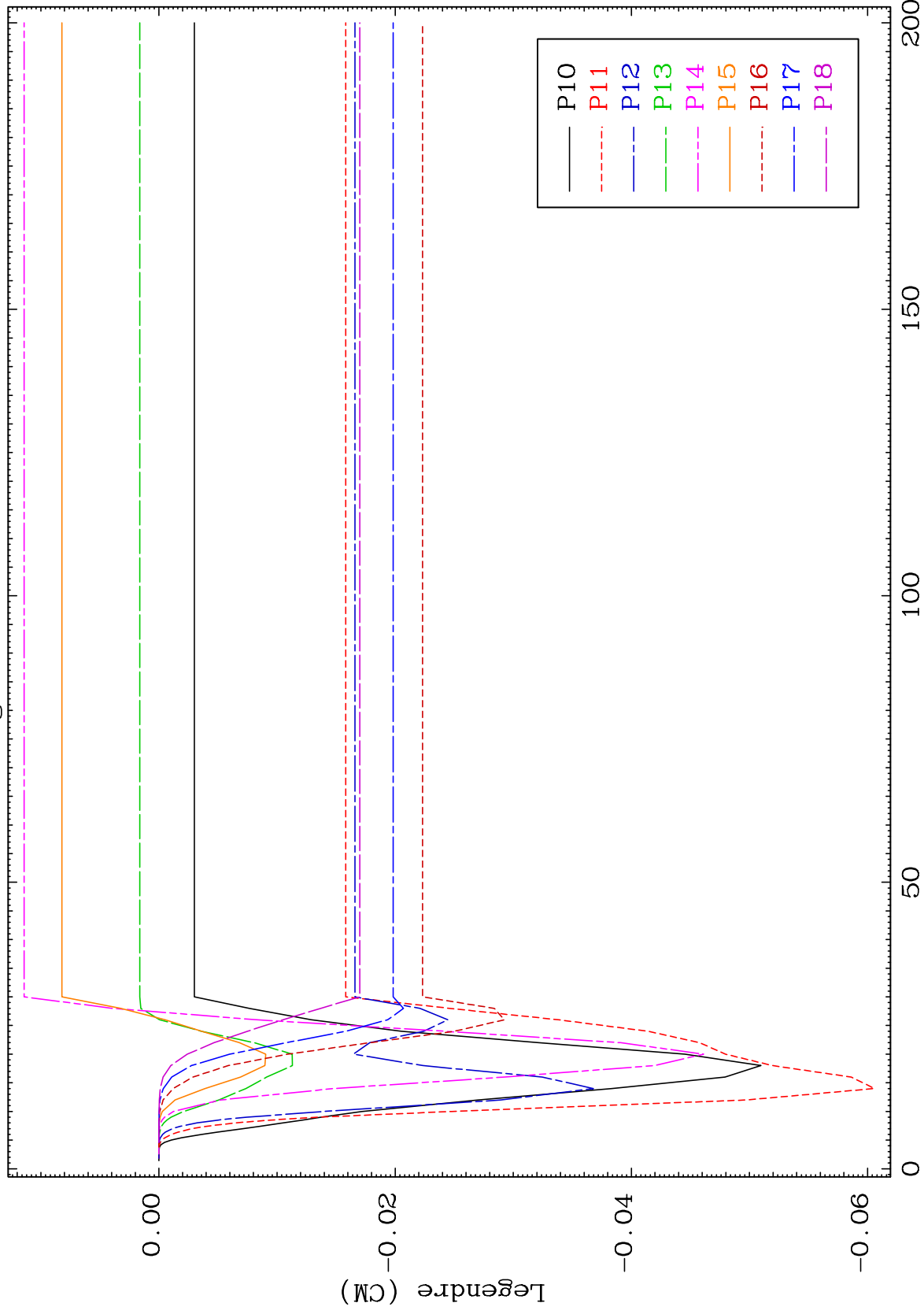
Incident Energy (MeV)

47-Ag-118

MAT 4758

725.4 keV (n,n') Level  
Legendre Coefficients

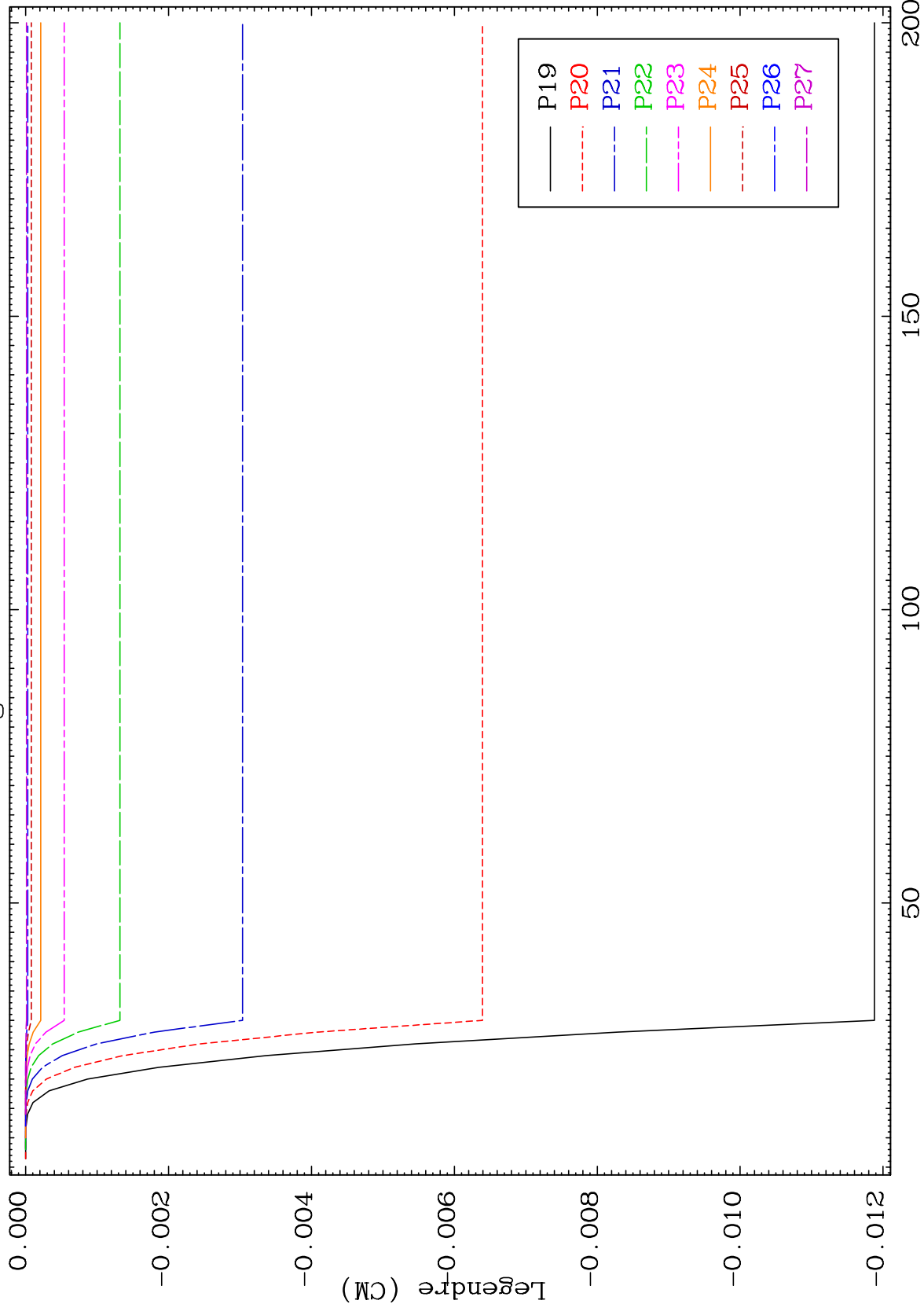
47-Ag-118

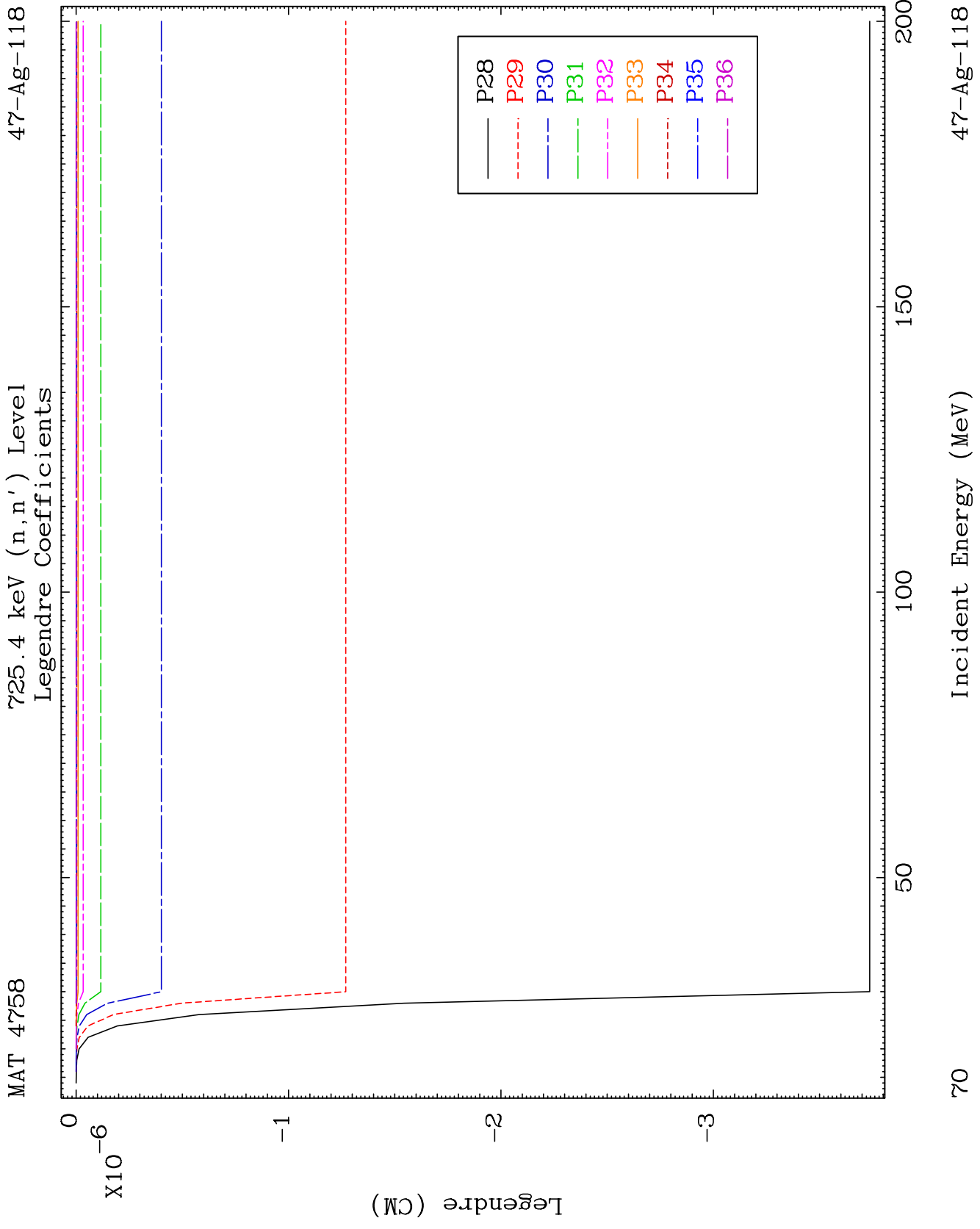


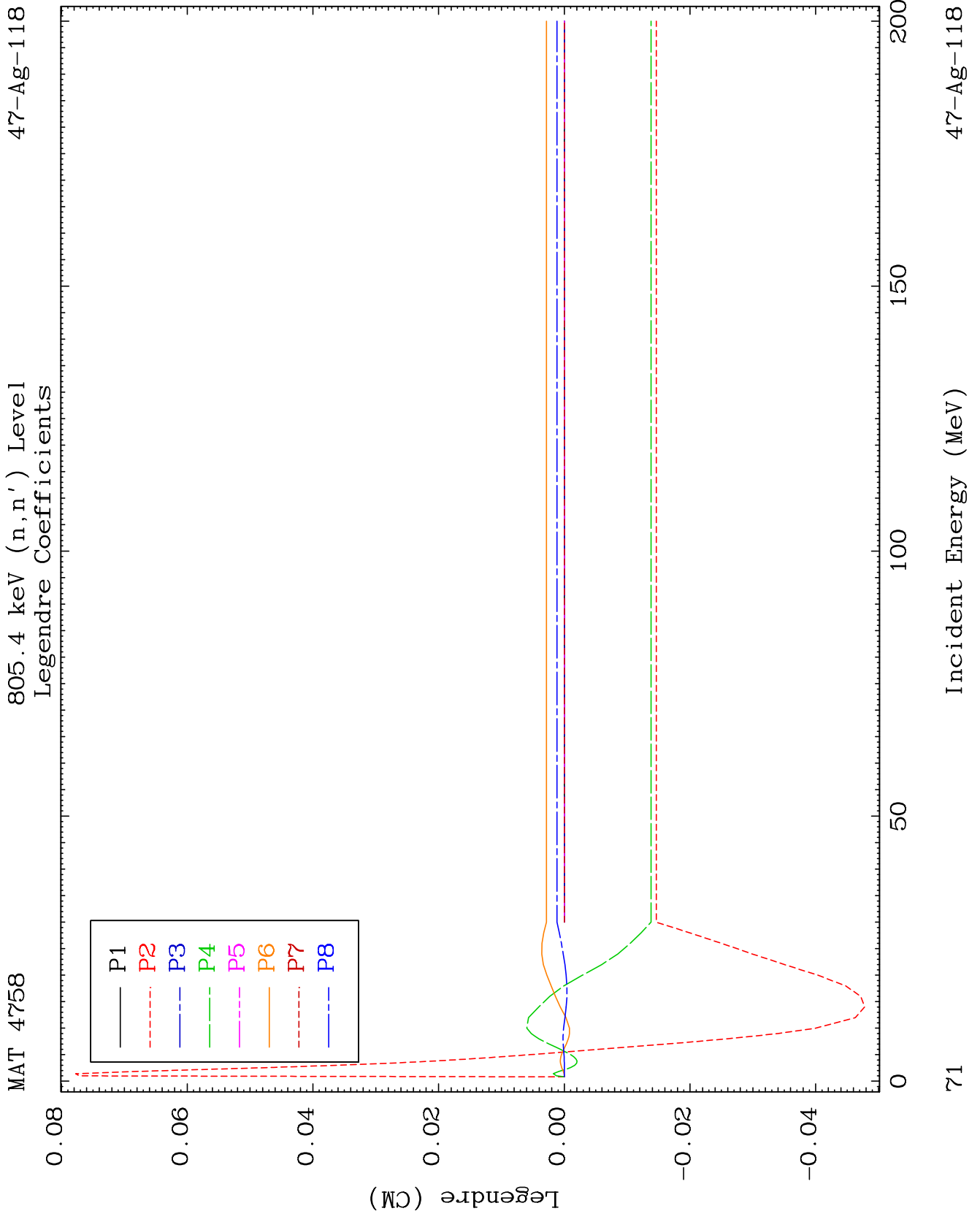
68

Incident Energy (MeV)

47-Ag-118





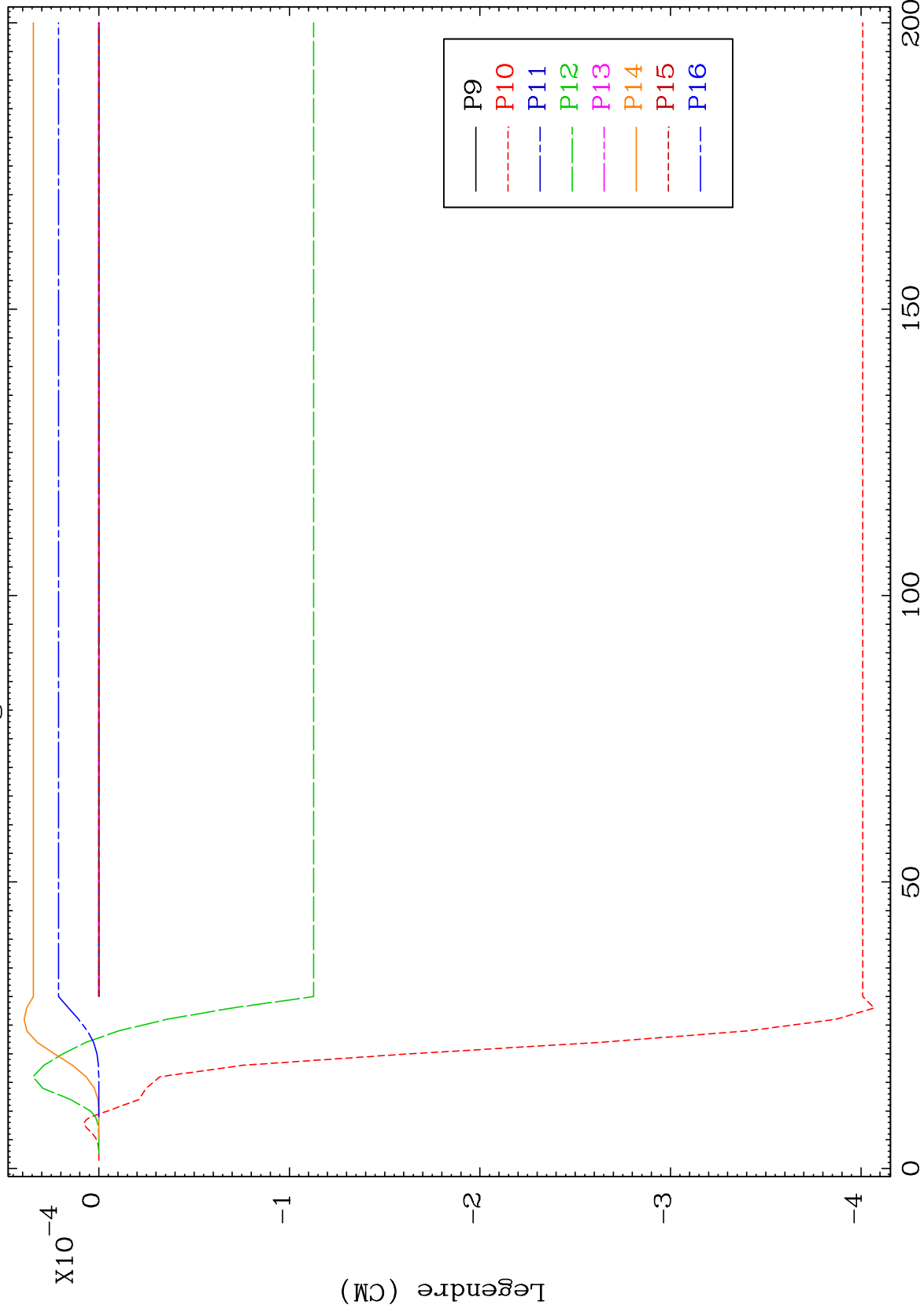




MAT 4758

805.4 keV (n,n') Level  
Legendre Coefficients

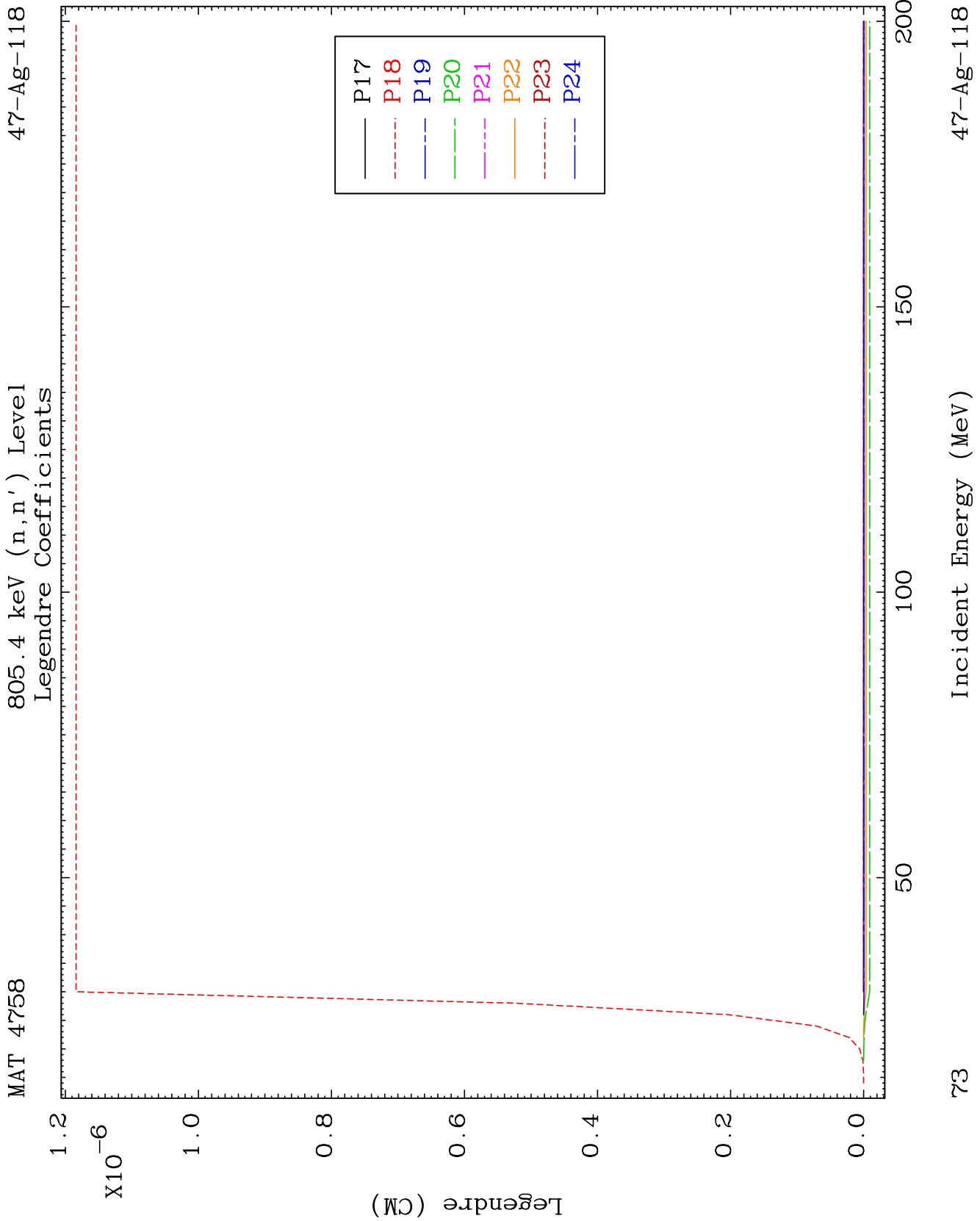
47-Ag-118



72

Incident Energy (MeV)

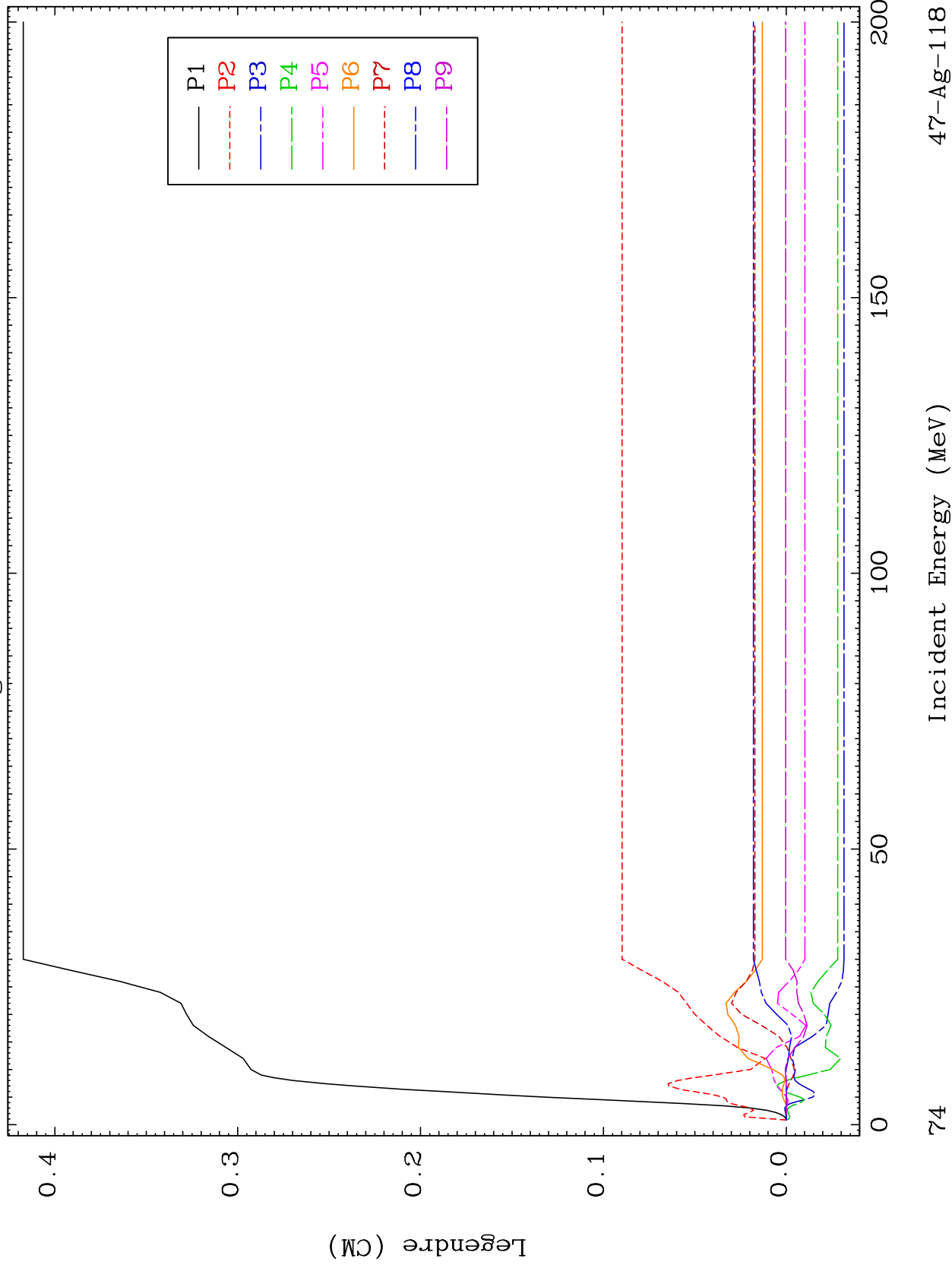
47-Ag-118



MAT 4758

812.6 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



74

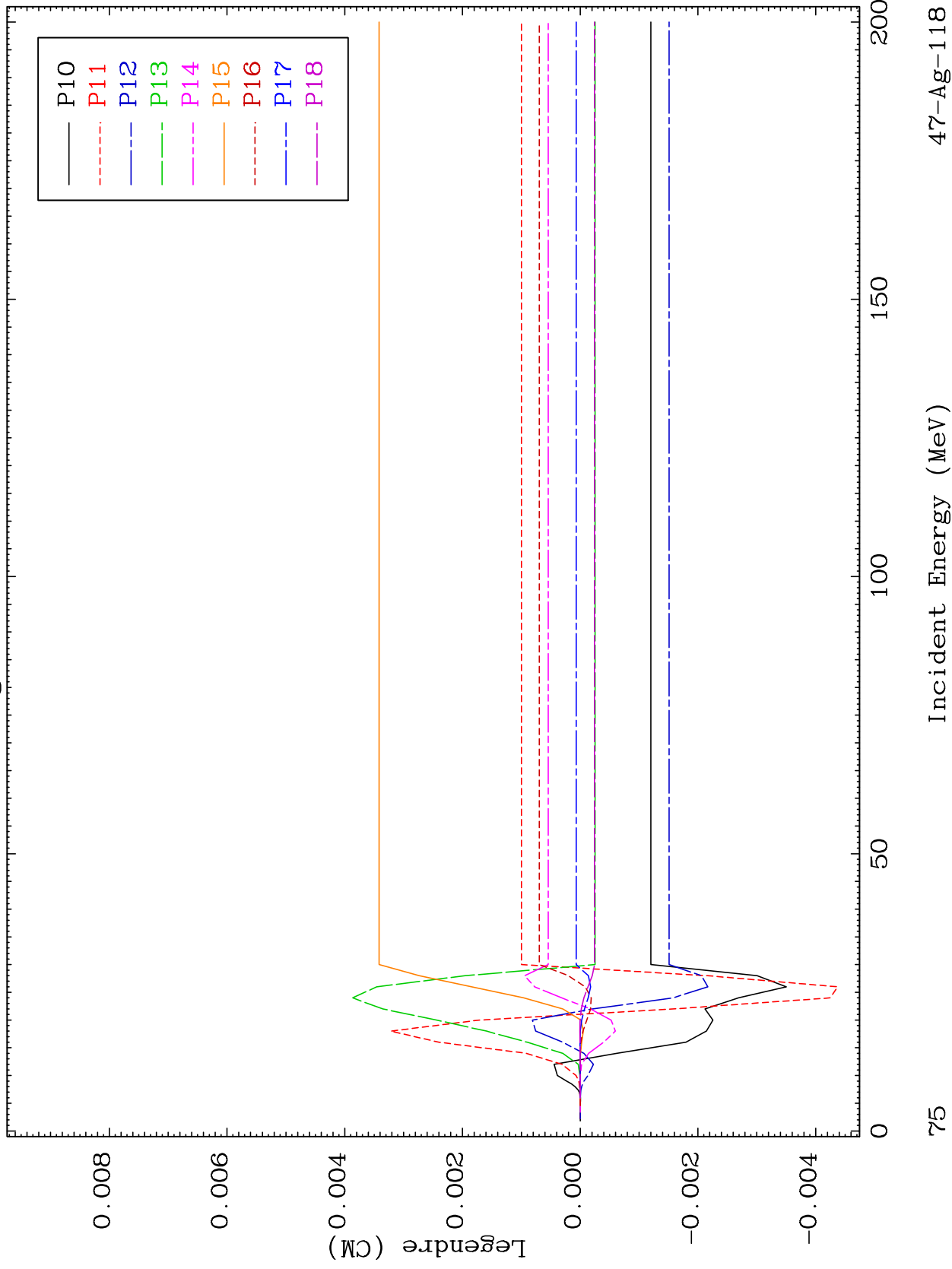
Incident Energy (MeV)

47-Ag-118

MAT 4758

812.6 keV (n,n') Level  
Legendre Coefficients

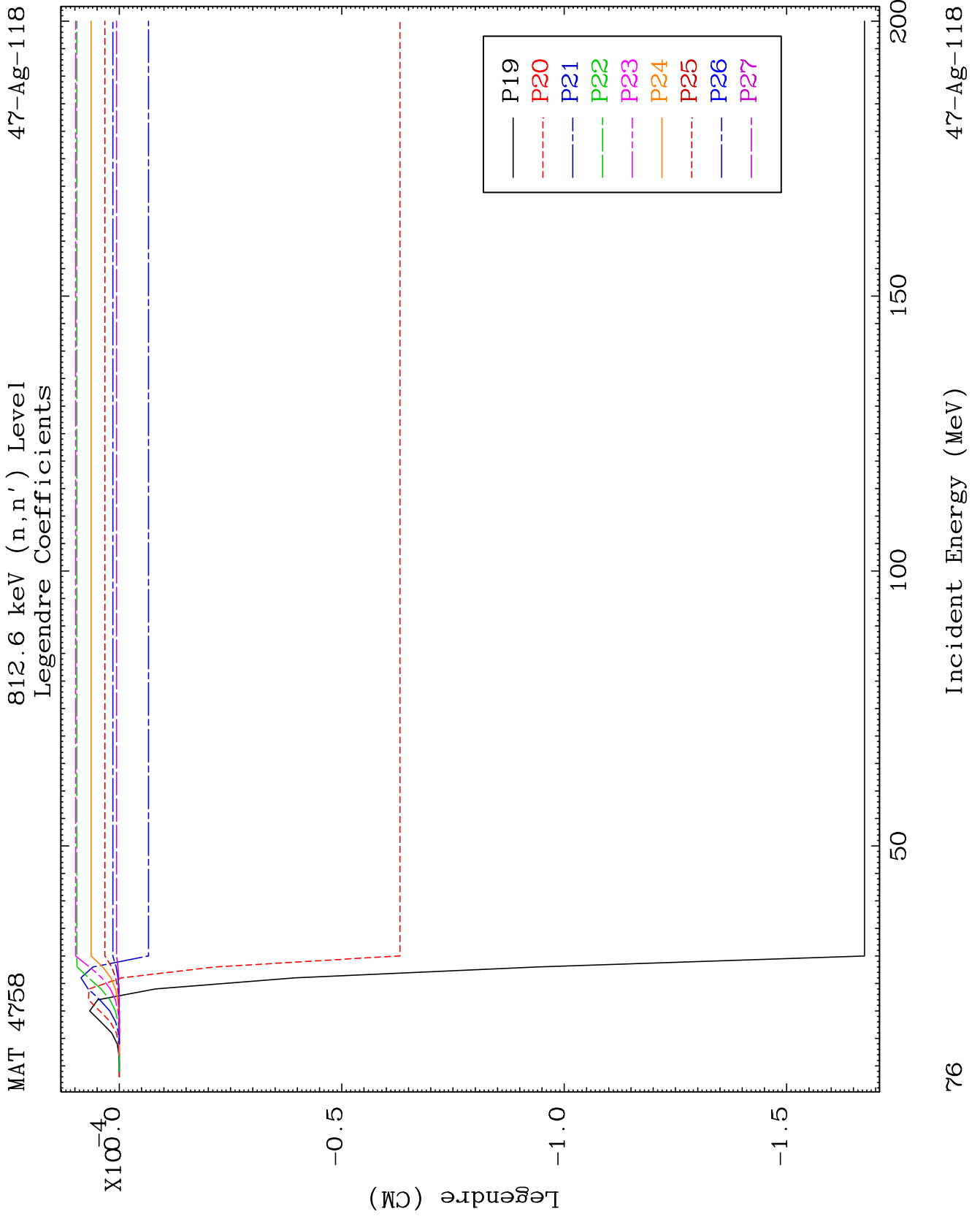
47-Ag-118



75

Incident Energy (MeV)

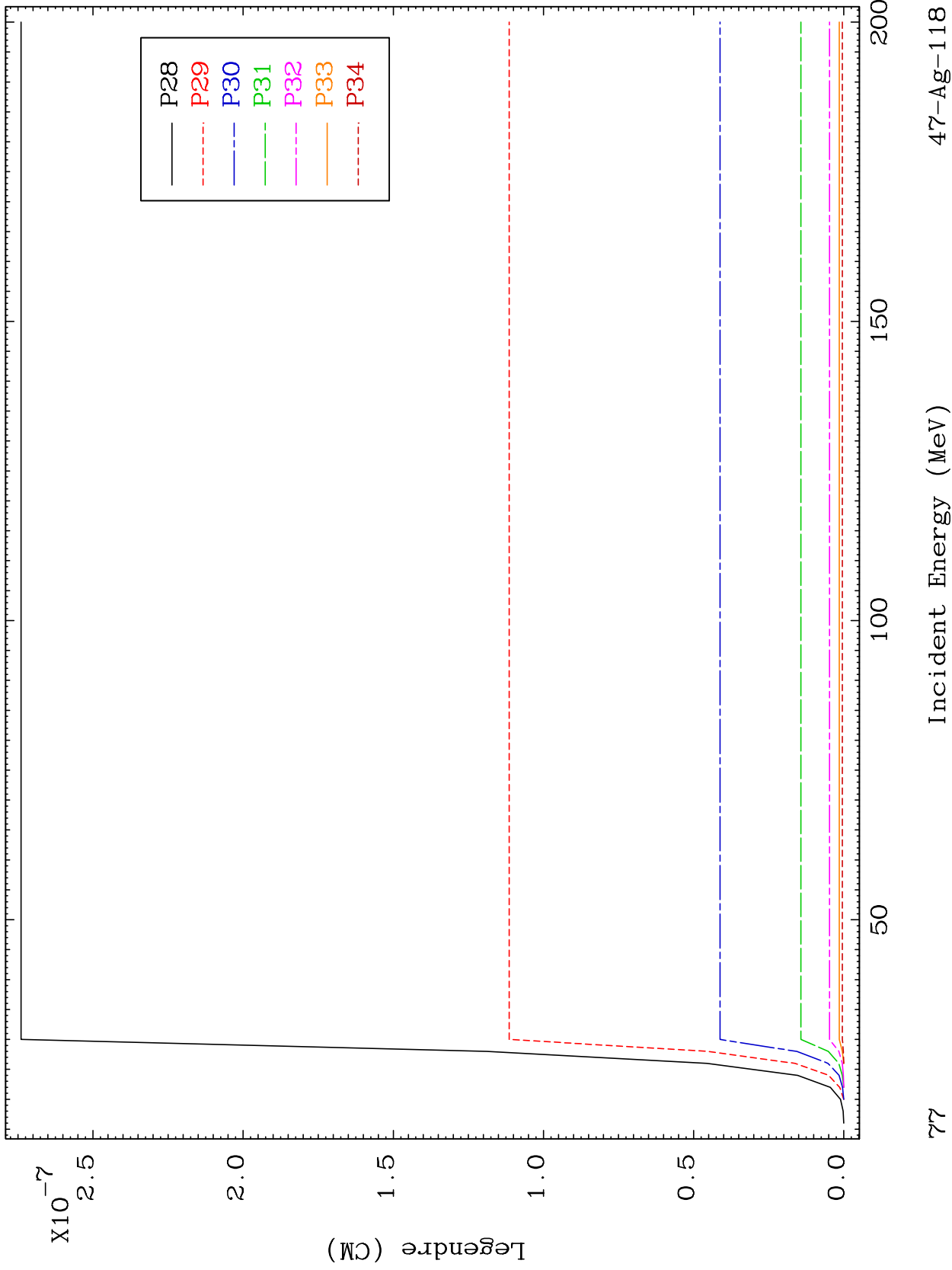
47-Ag-118

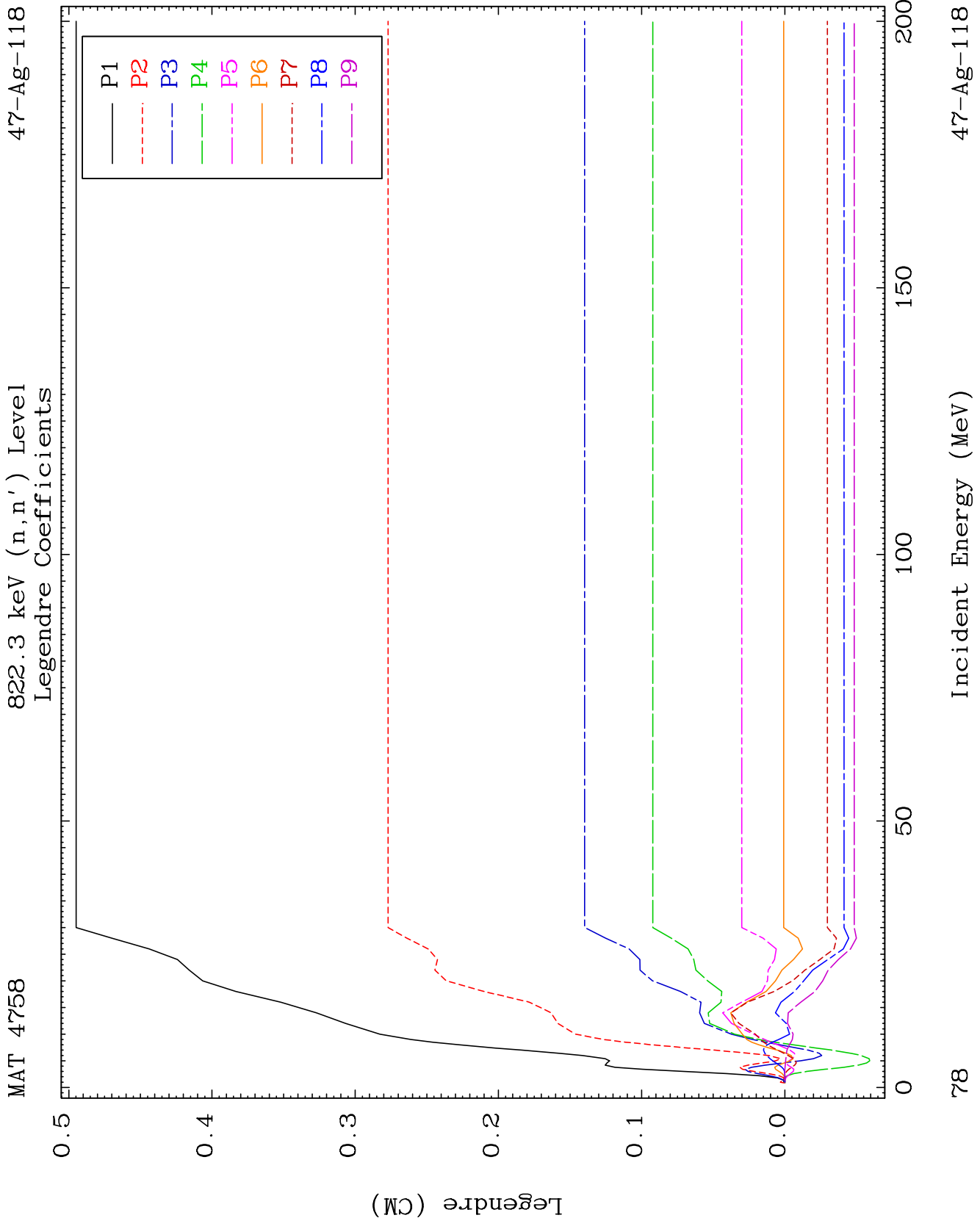


MAT 4758

812.6 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

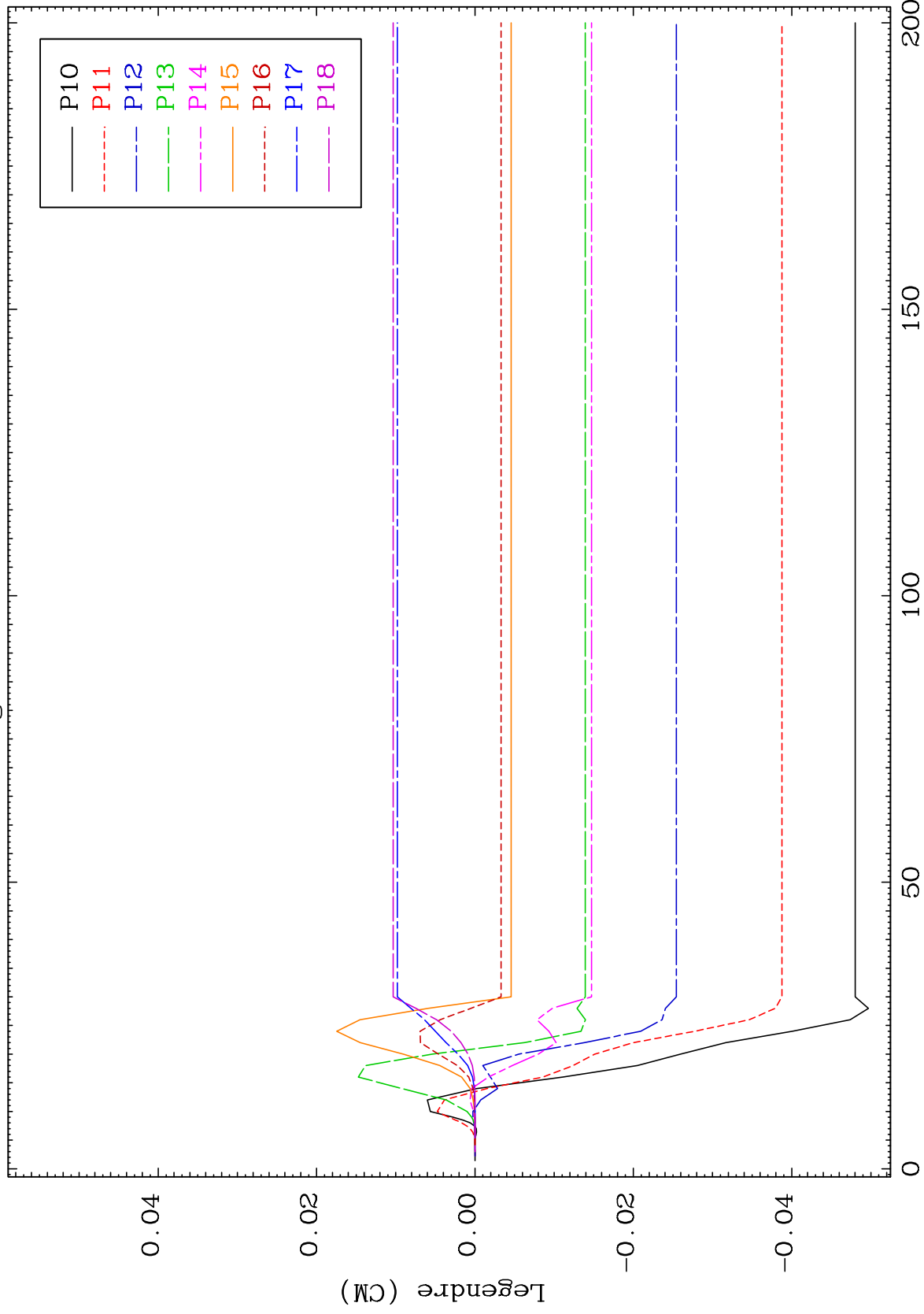




MAT 4758

822.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



79

Incident Energy (MeV)

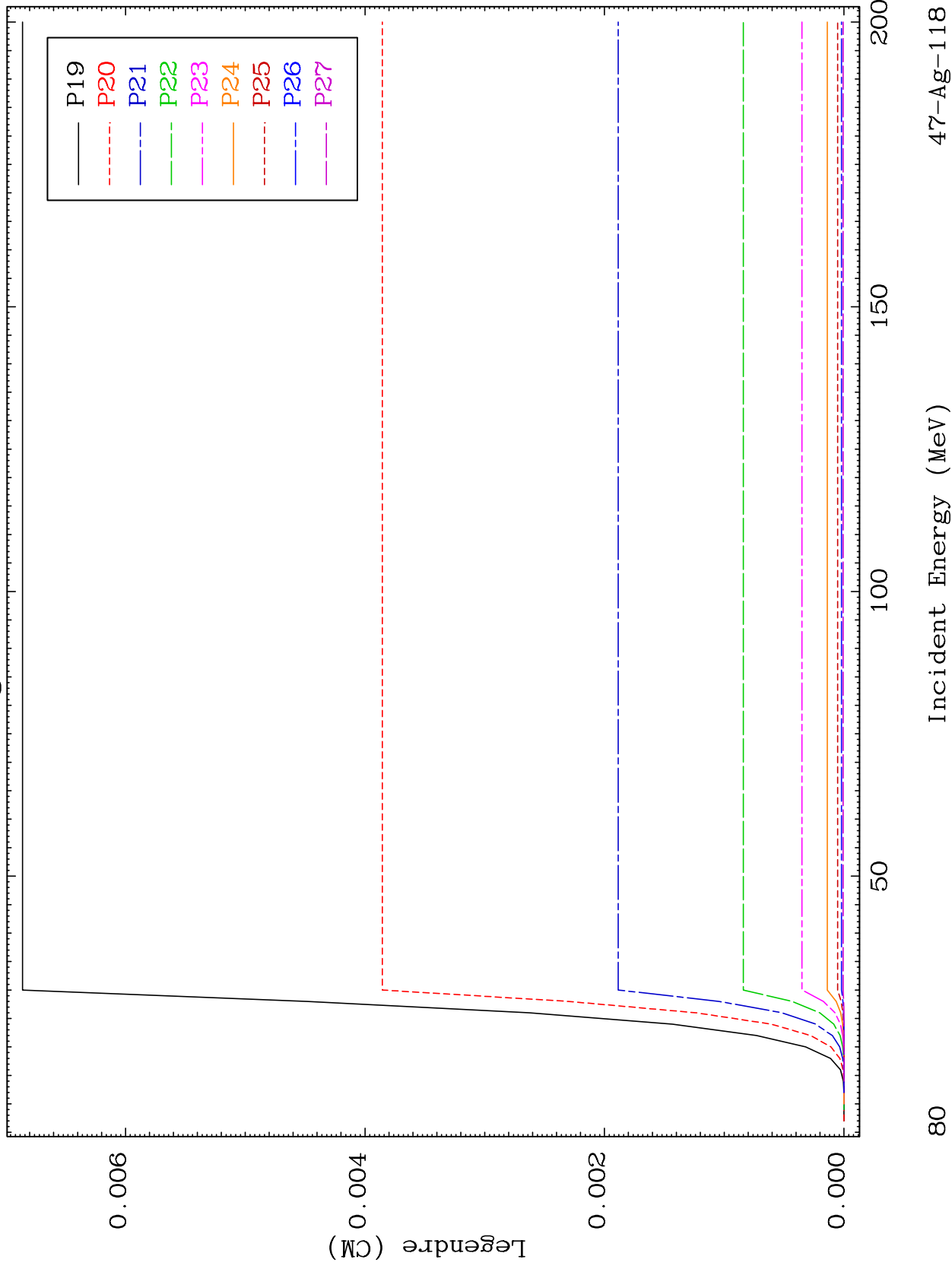
47-Ag-118



MAT 4758

822.3 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



80

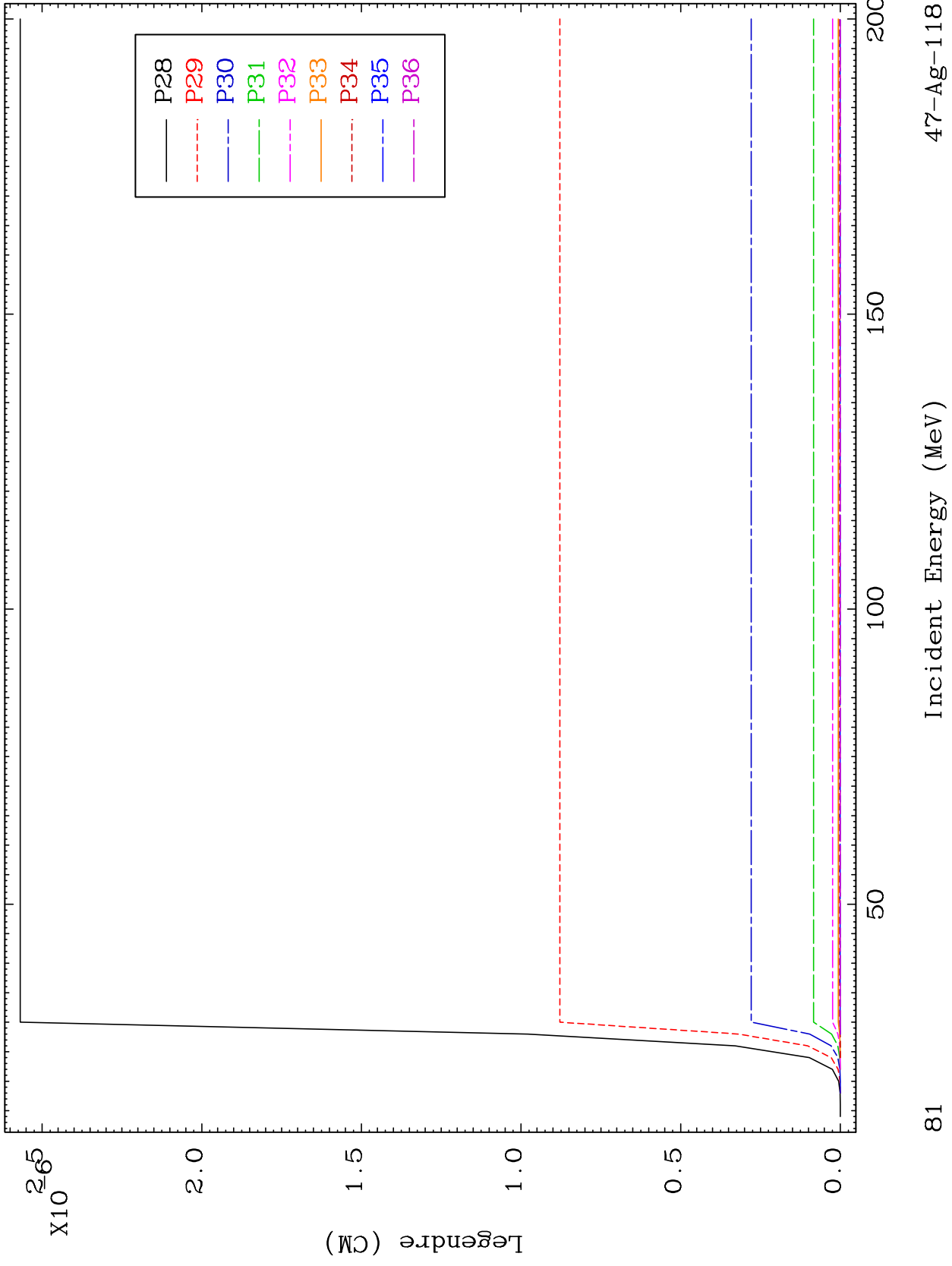
Incident Energy (MeV)

47-Ag-118

MAT 4758

822.3 keV (n, n') Level  
Legendre Coefficients

47-Ag-118



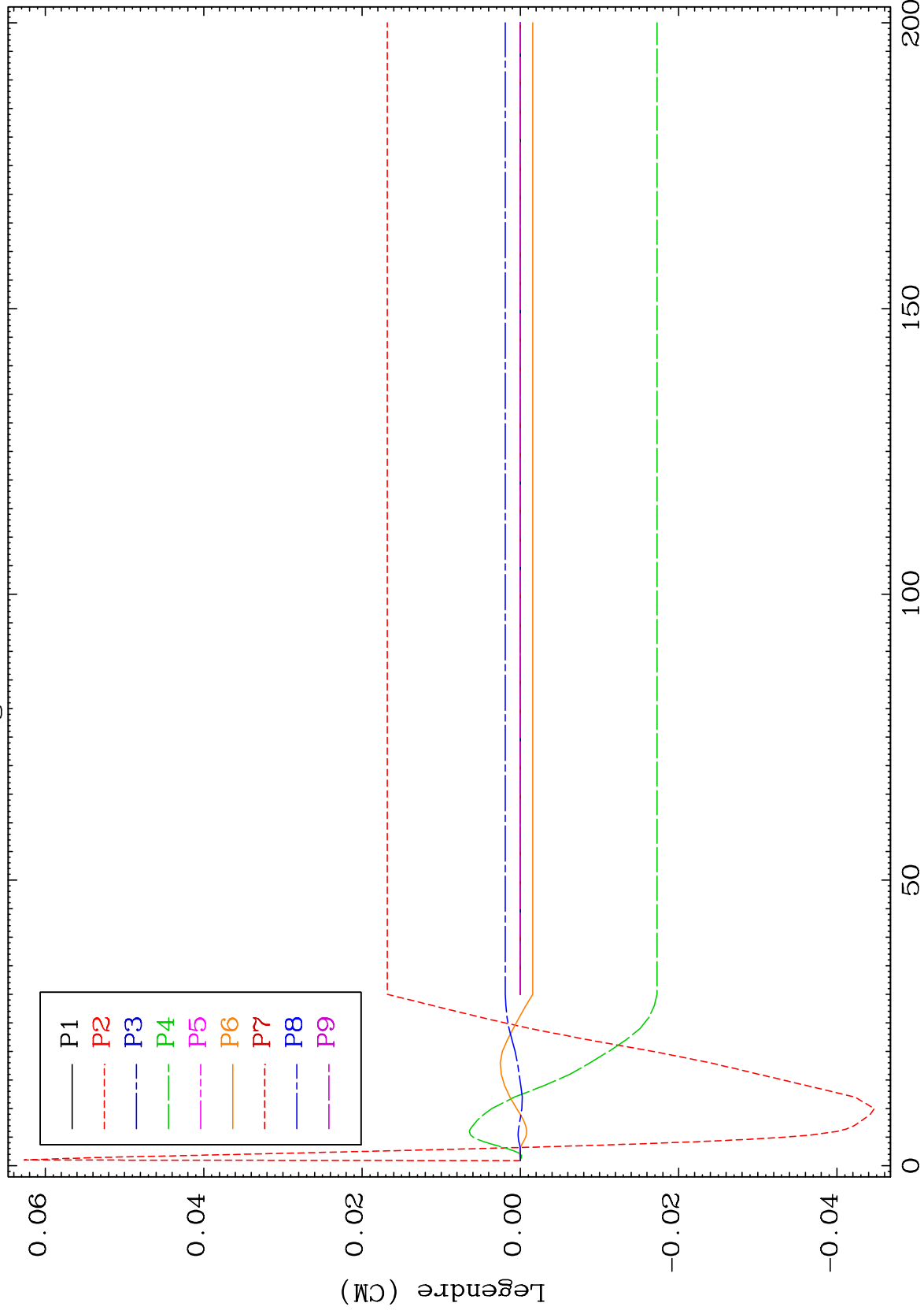
81

47-Ag-118

MAT 4758

862.6 keV (n,n') Level  
Legendre Coefficients

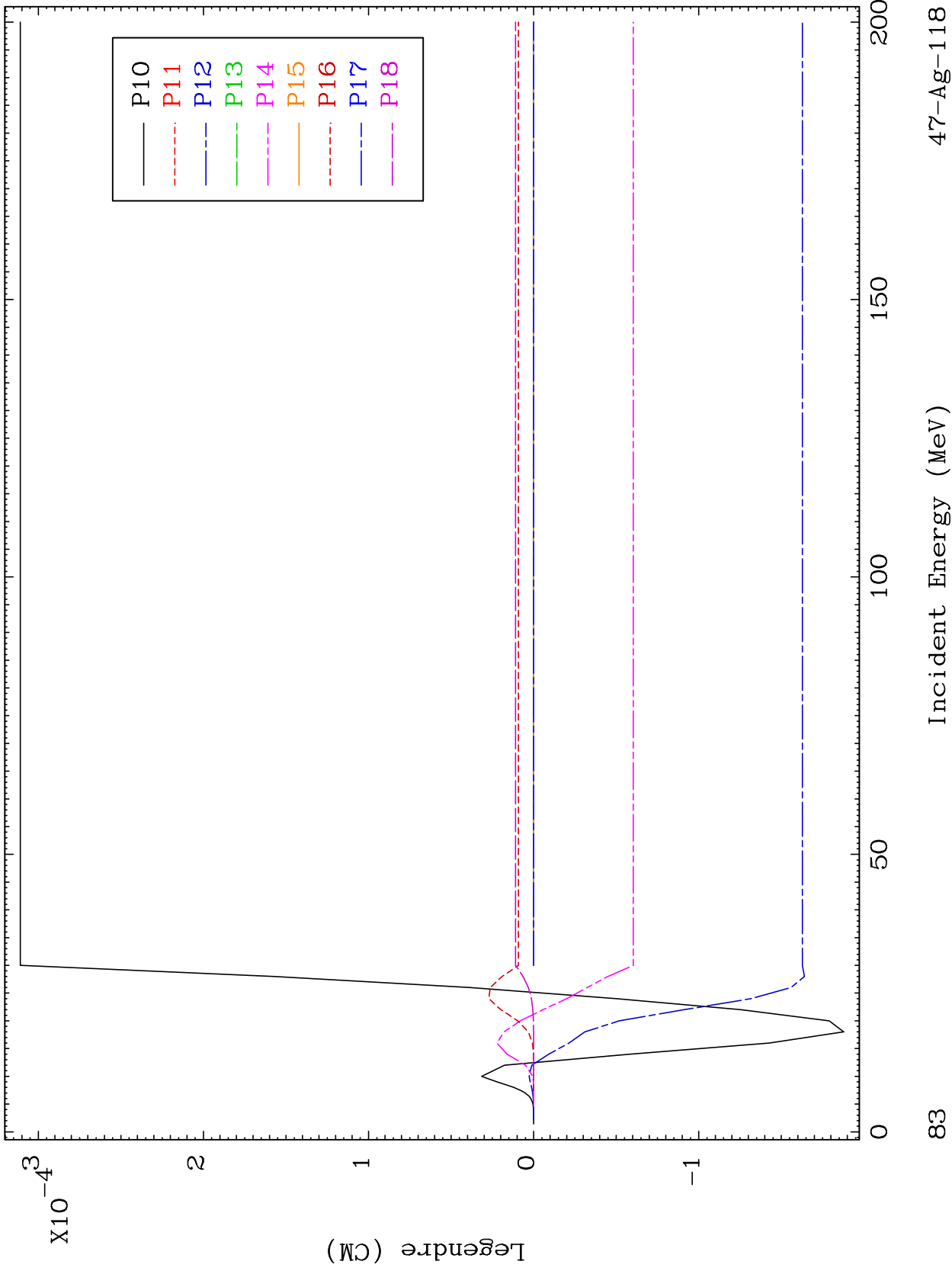
47-Ag-118



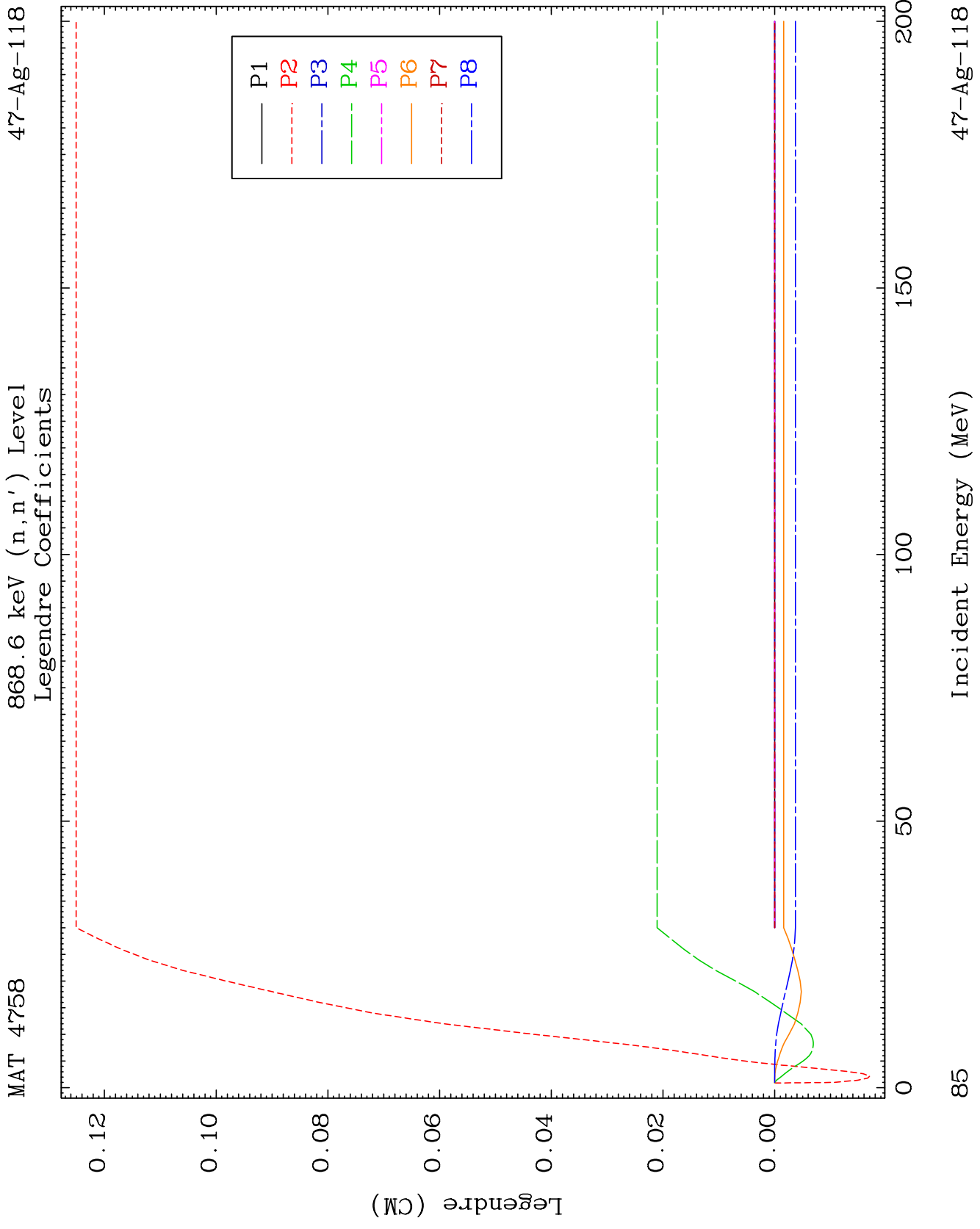
82

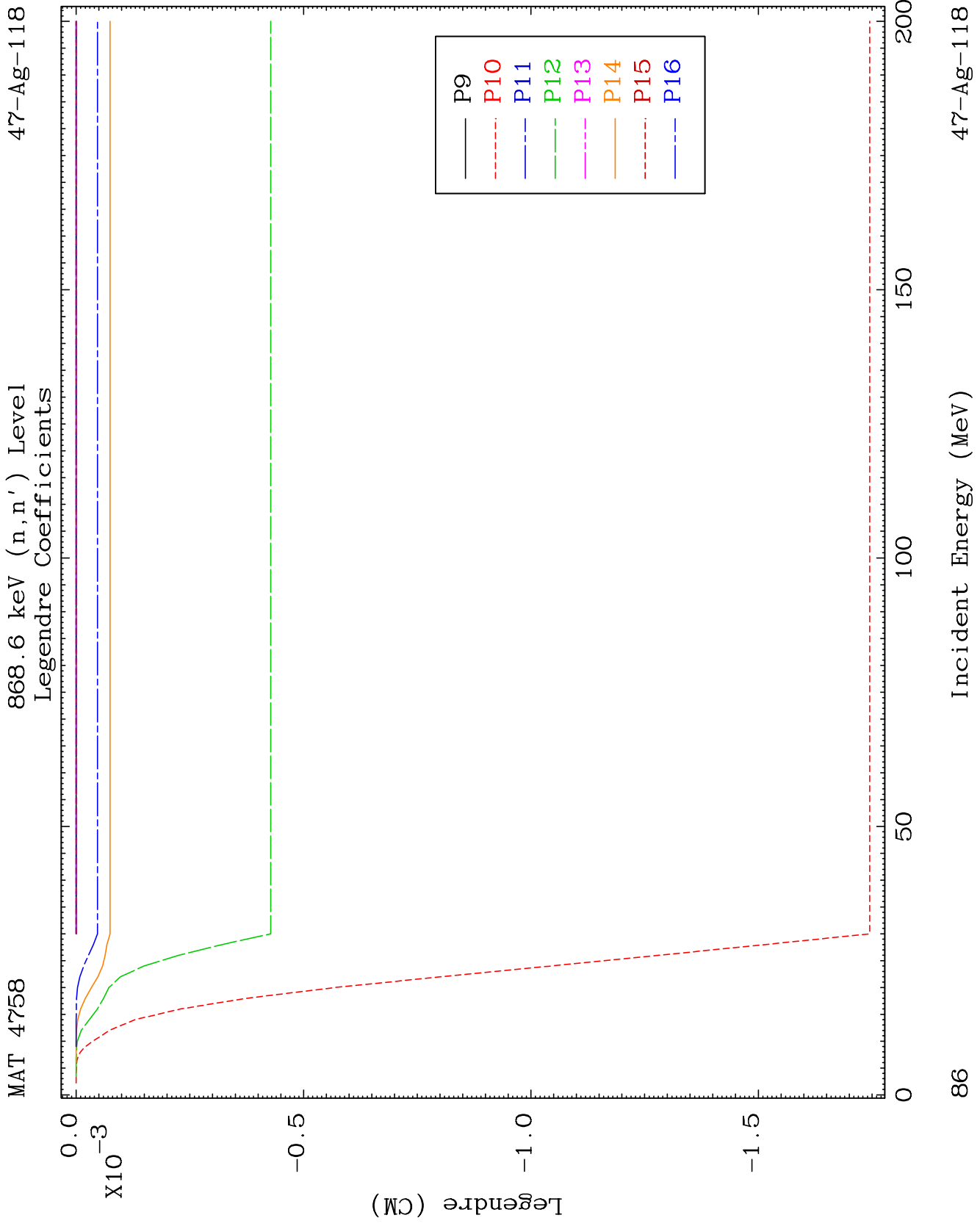
Incident Energy (MeV)

47-Ag-118









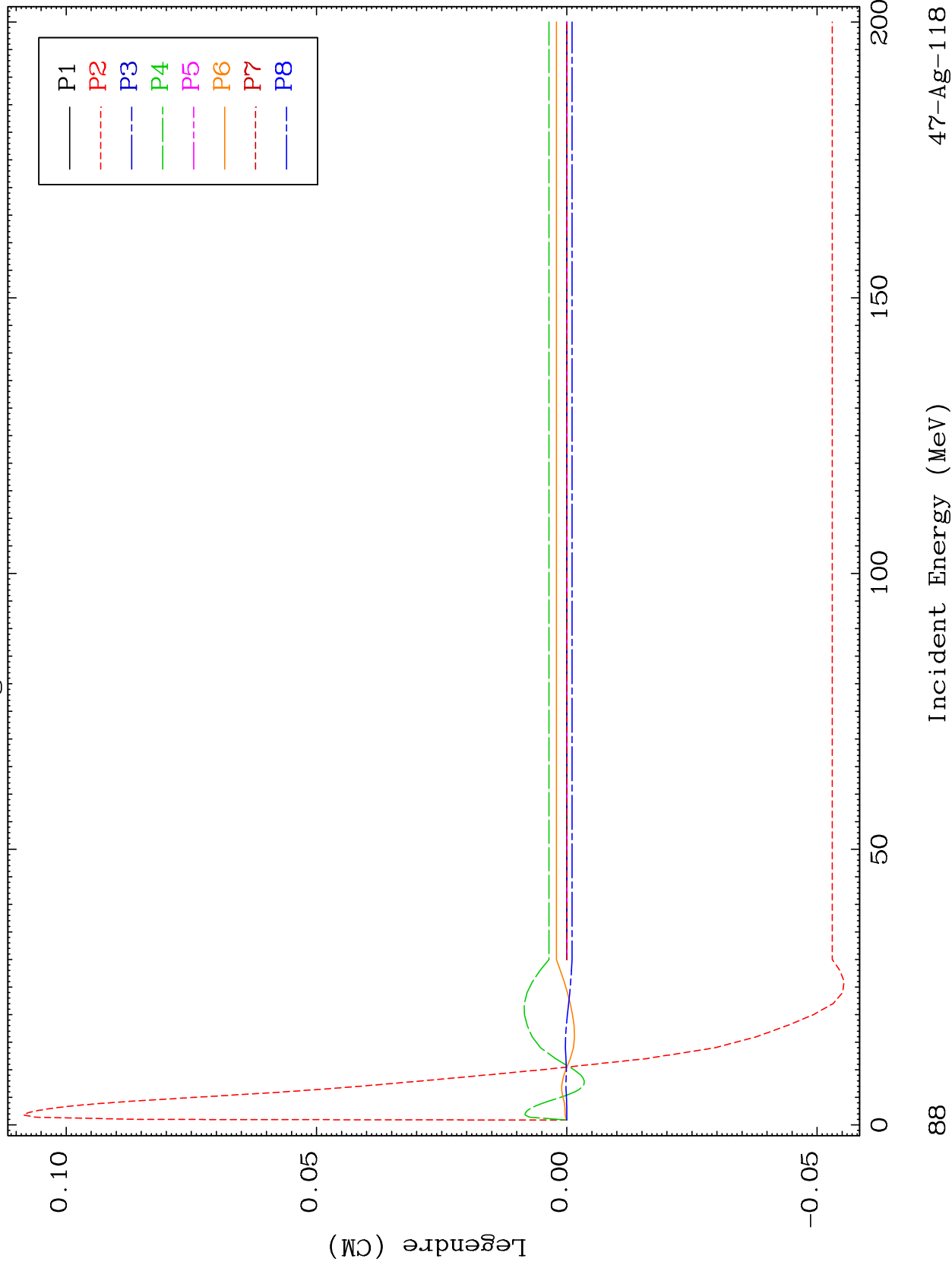




MAT 4758

870.5 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

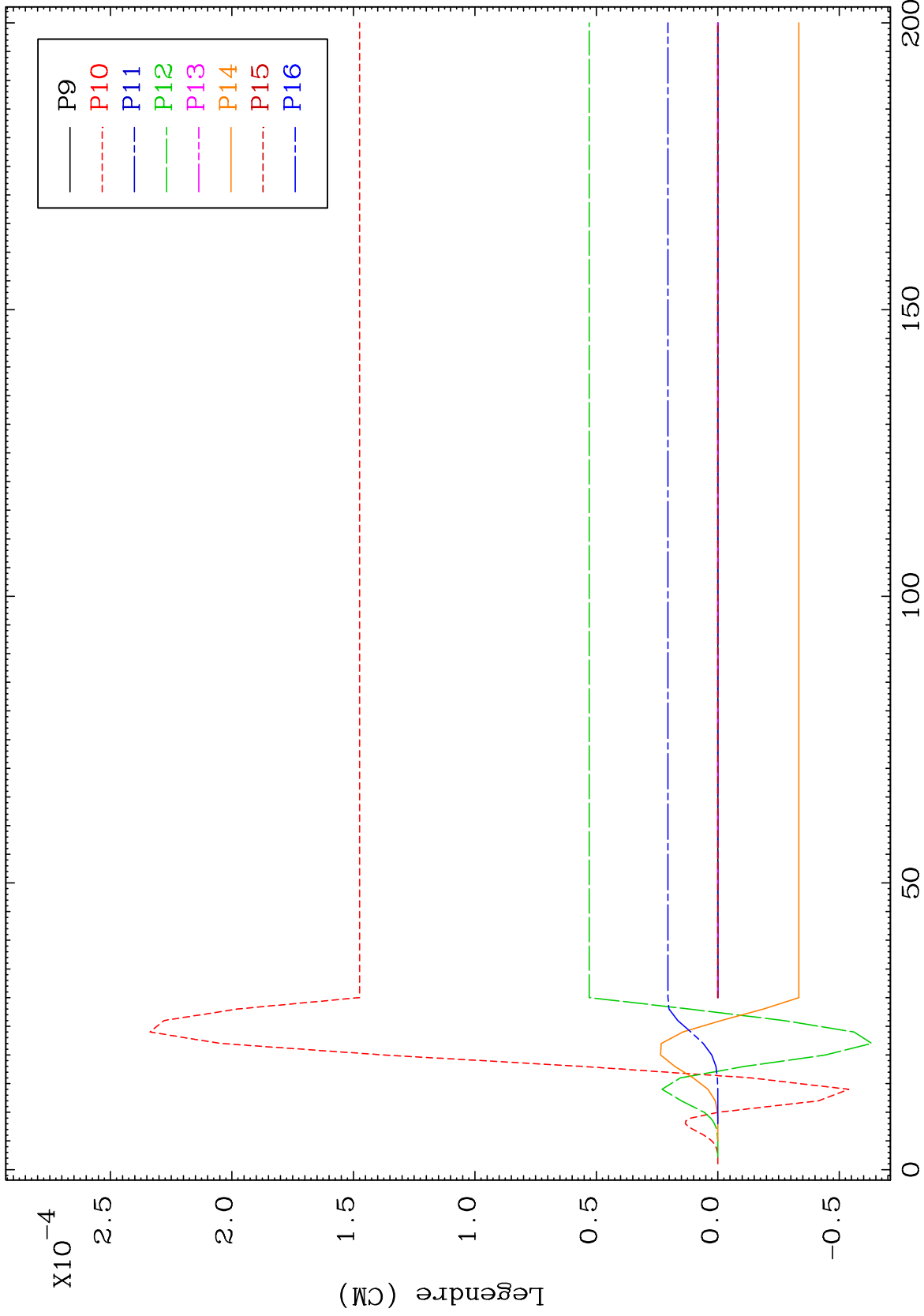


88

MAT 4758

870.5 keV (n,n') Level  
Legendre Coefficients

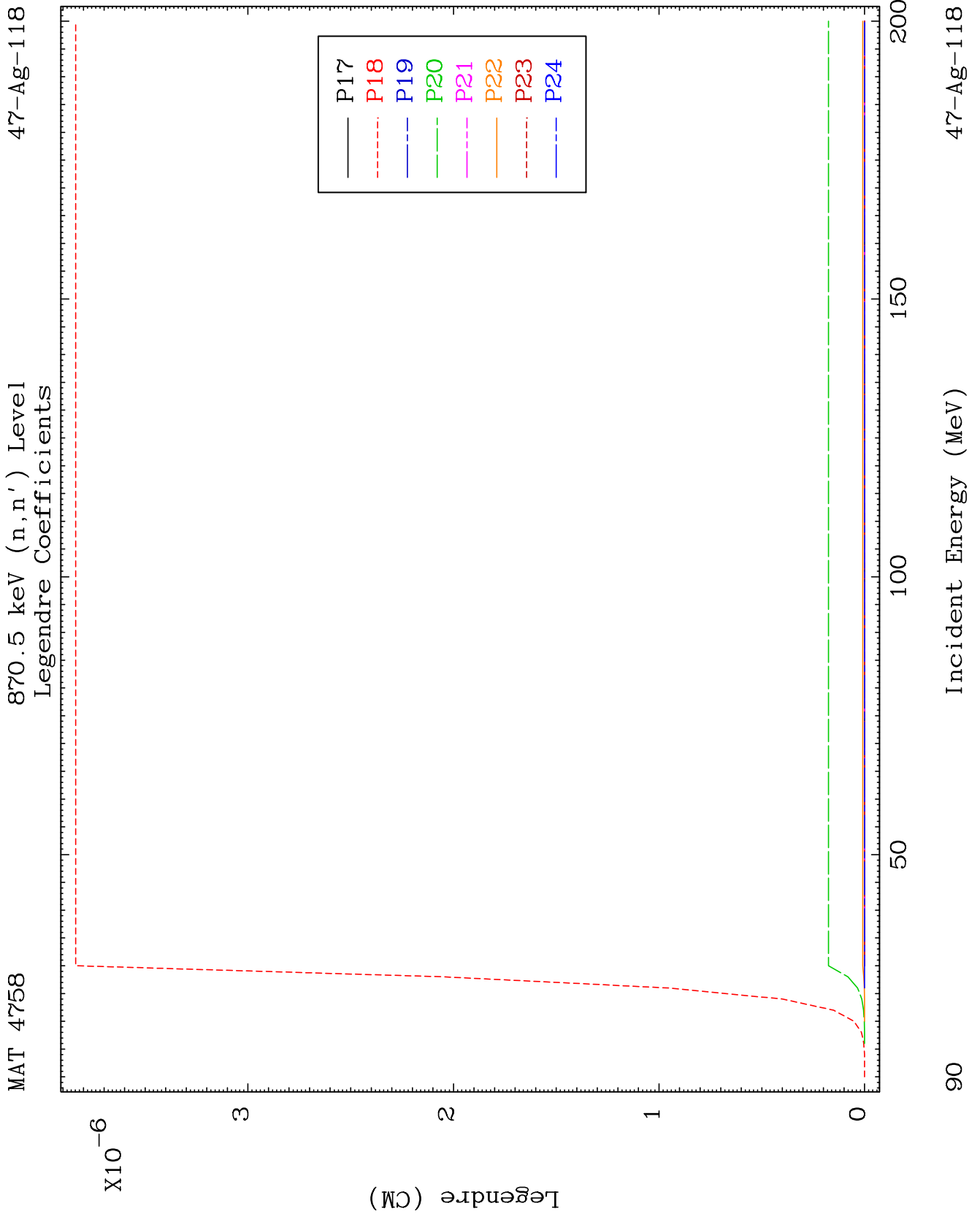
47-Ag-118



89

Incident Energy (MeV)

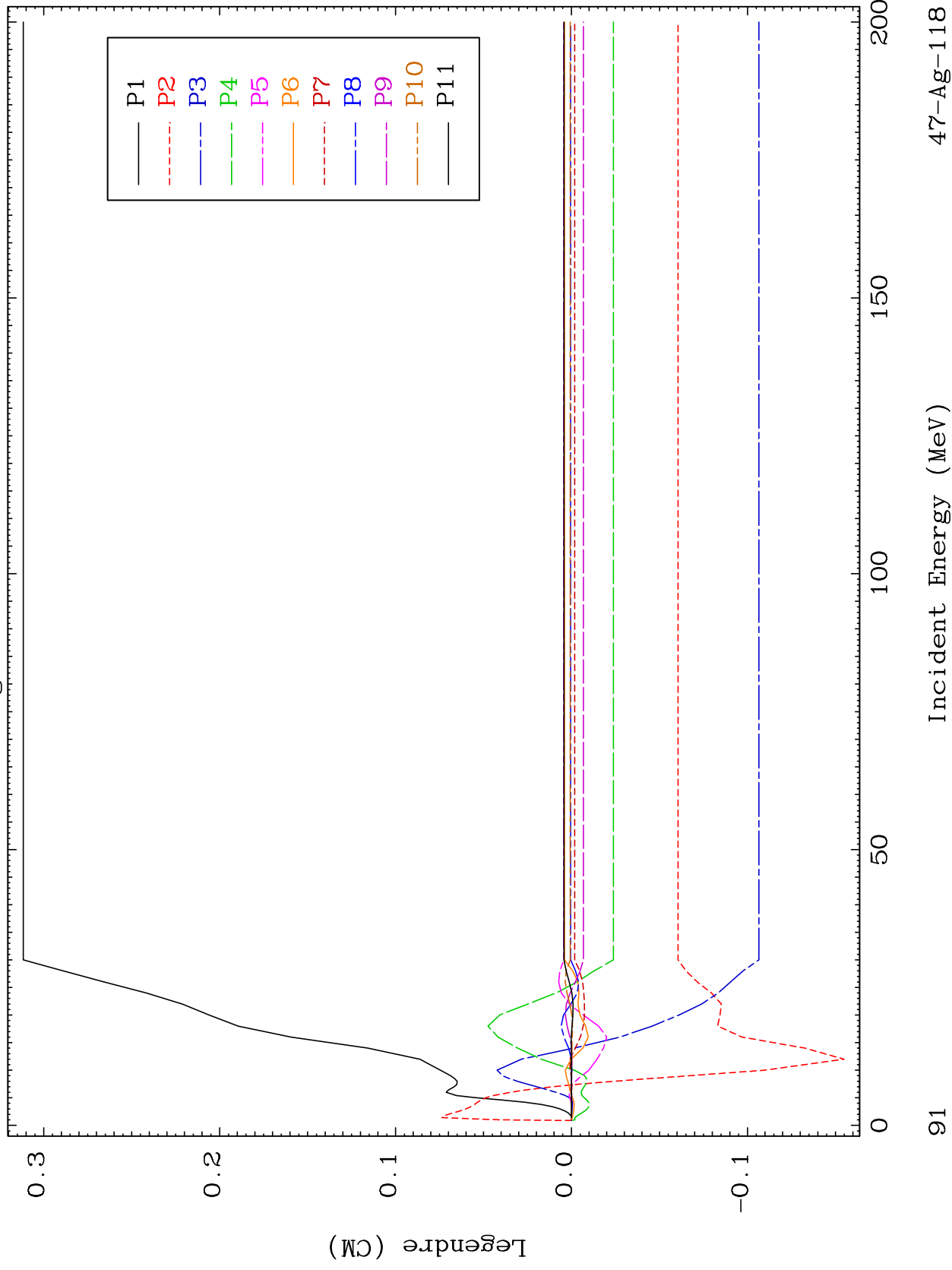
47-Ag-118



MAT 4758

873.5 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



91

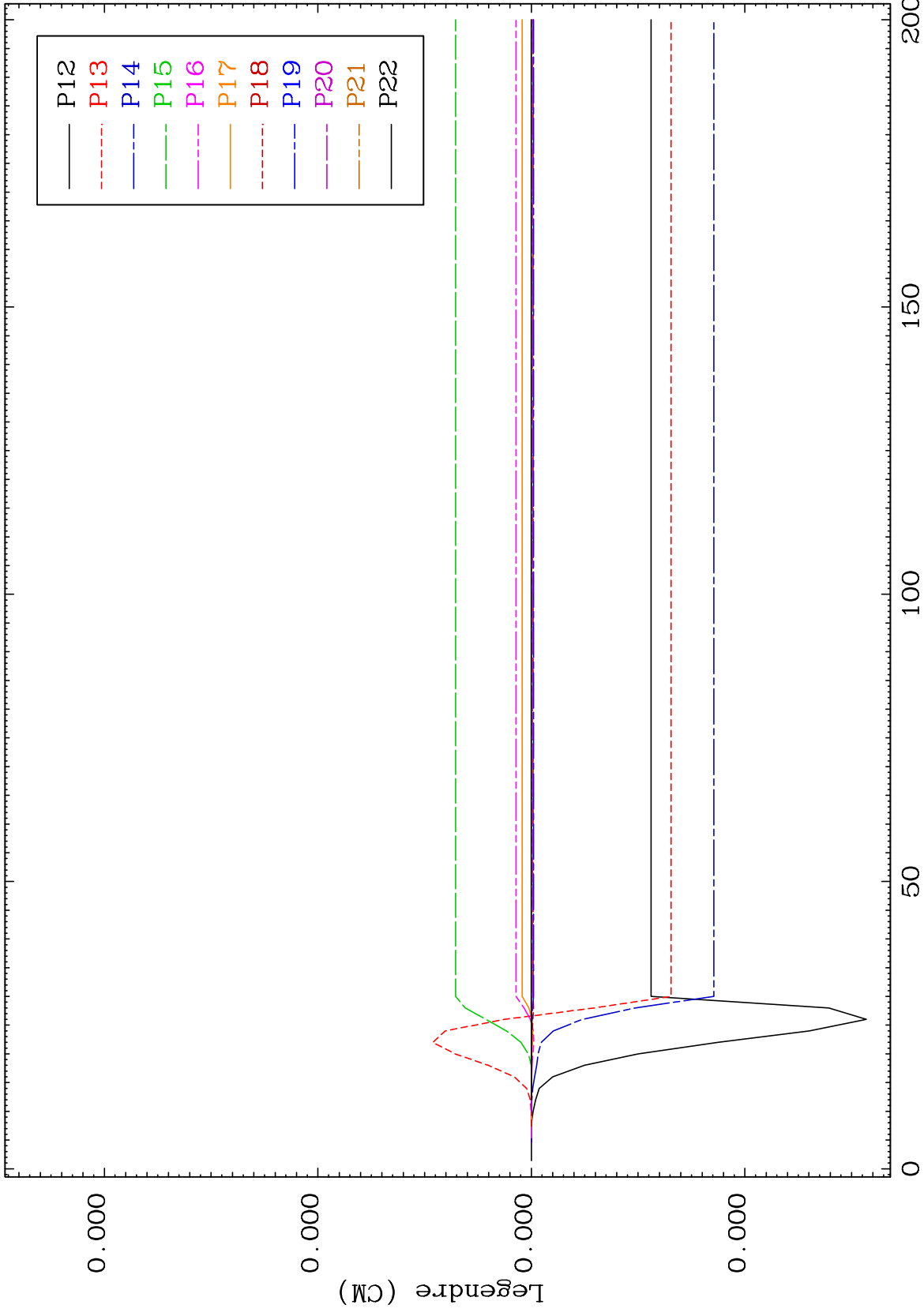
Incident Energy (MeV)

47-Ag-118

MAT 4758

873.5 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



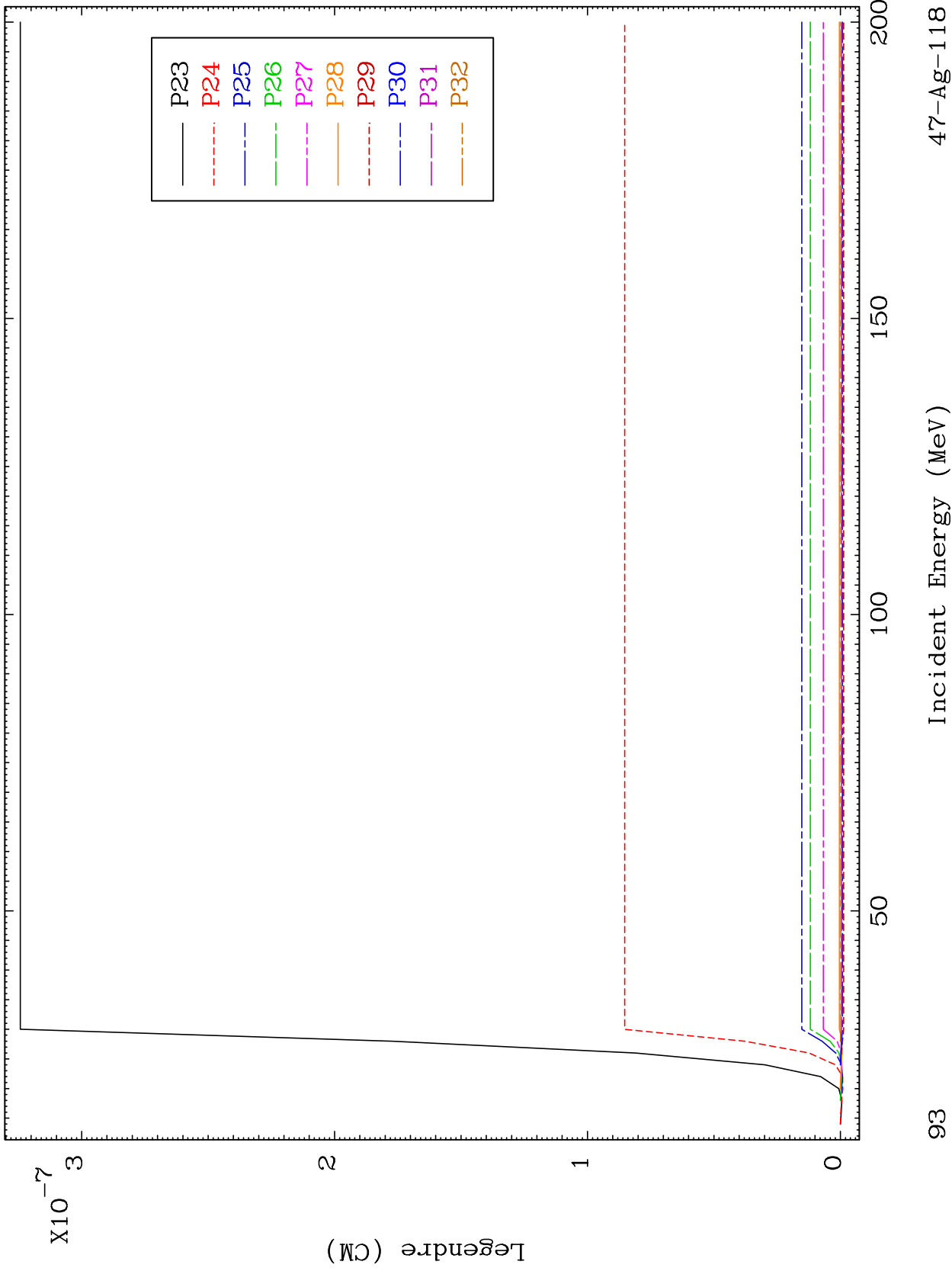
92

47-Ag-118

MAT 4758

873.5 keV (n,n') Level  
Legendre Coefficients

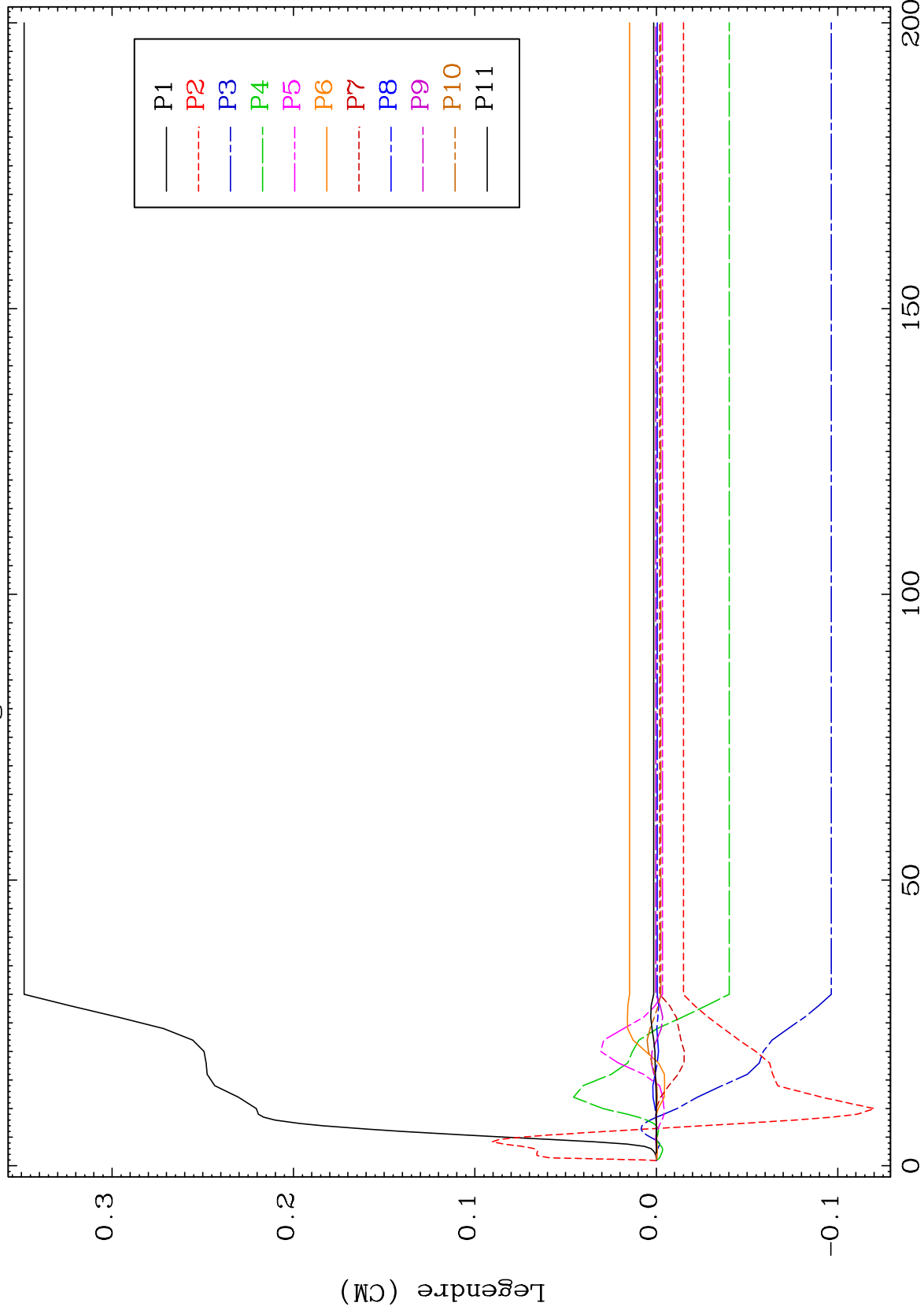
47-Ag-118



MAT 4758

875.5 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



94

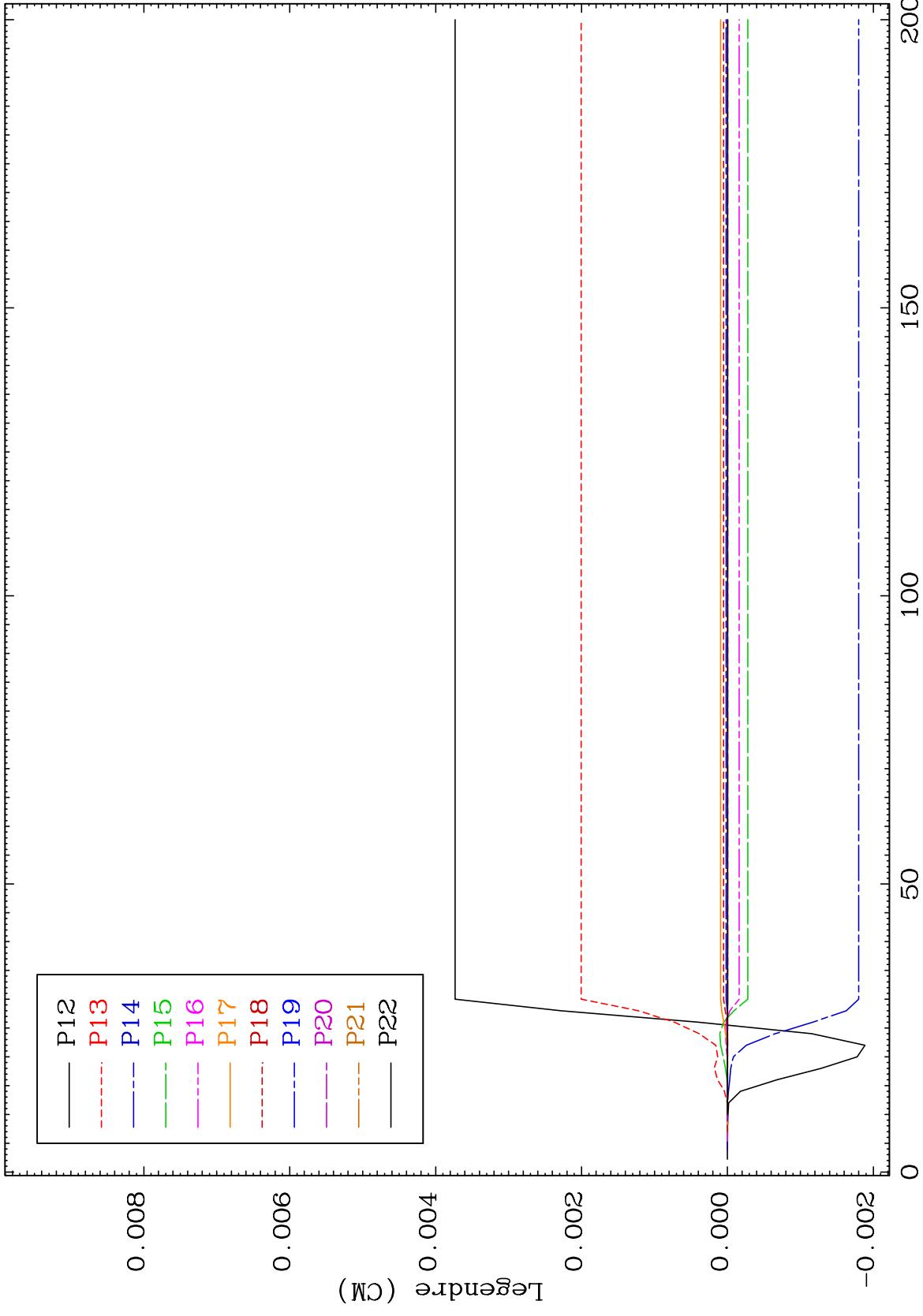
Incident Energy (MeV)

47-Ag-118

MAT 4758

875.5 keV (n,n') Level  
Legendre Coefficients

47-Ag-118

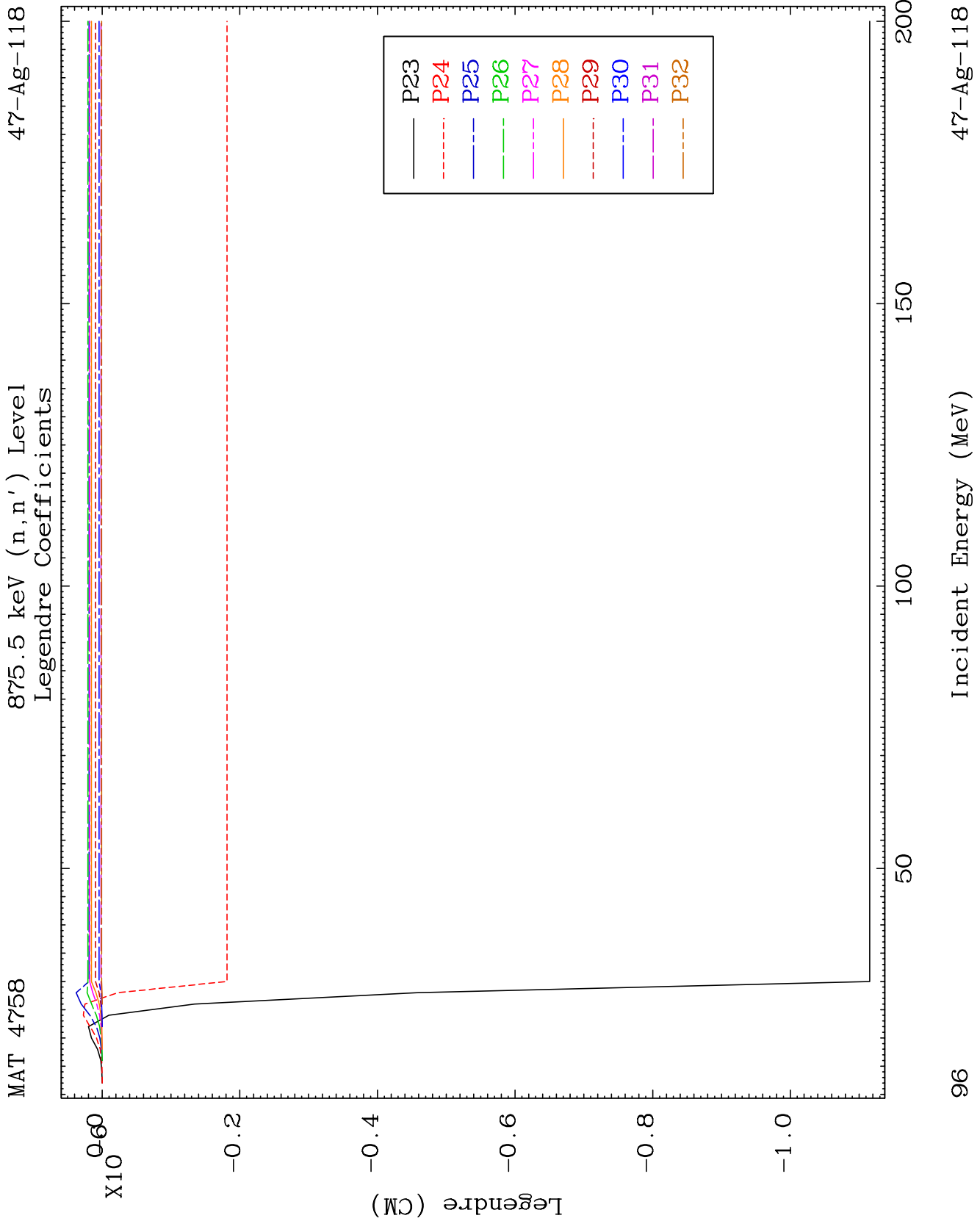


95

Incident Energy (MeV)

47-Ag-118

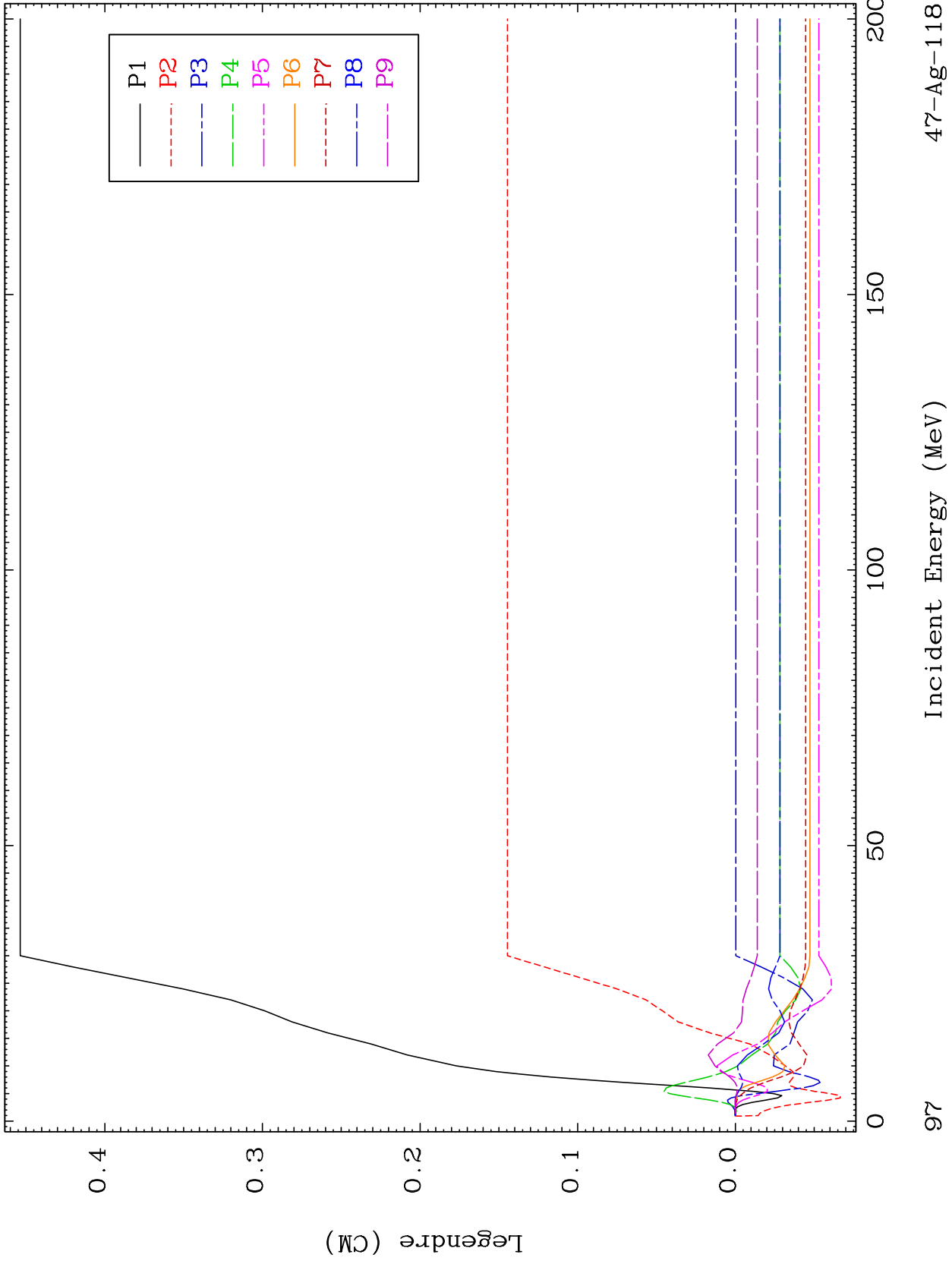




MAT 4758

885.0 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



97

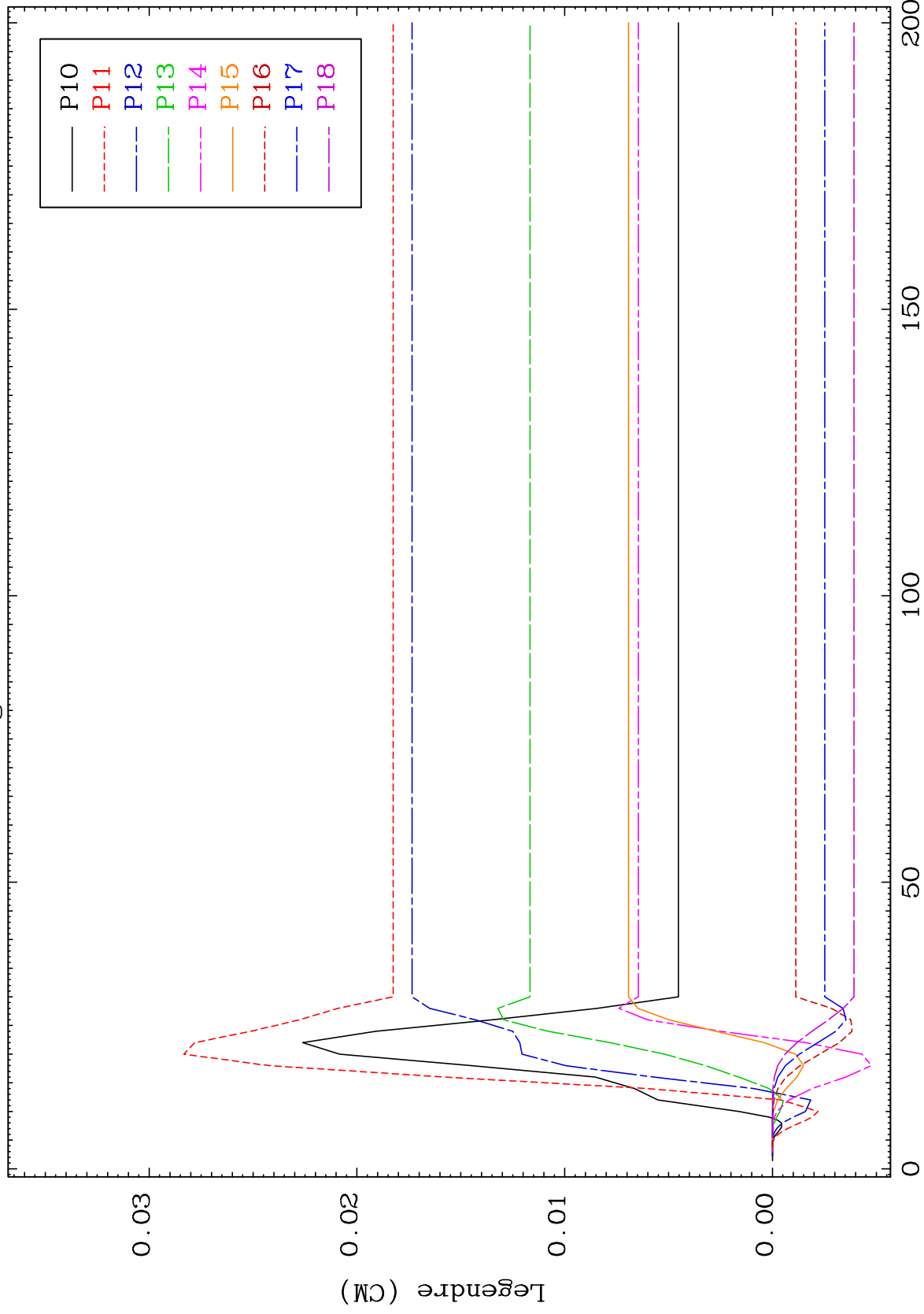
Incident Energy (MeV)

47-Ag-118

MAT 4758

885.0 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



98

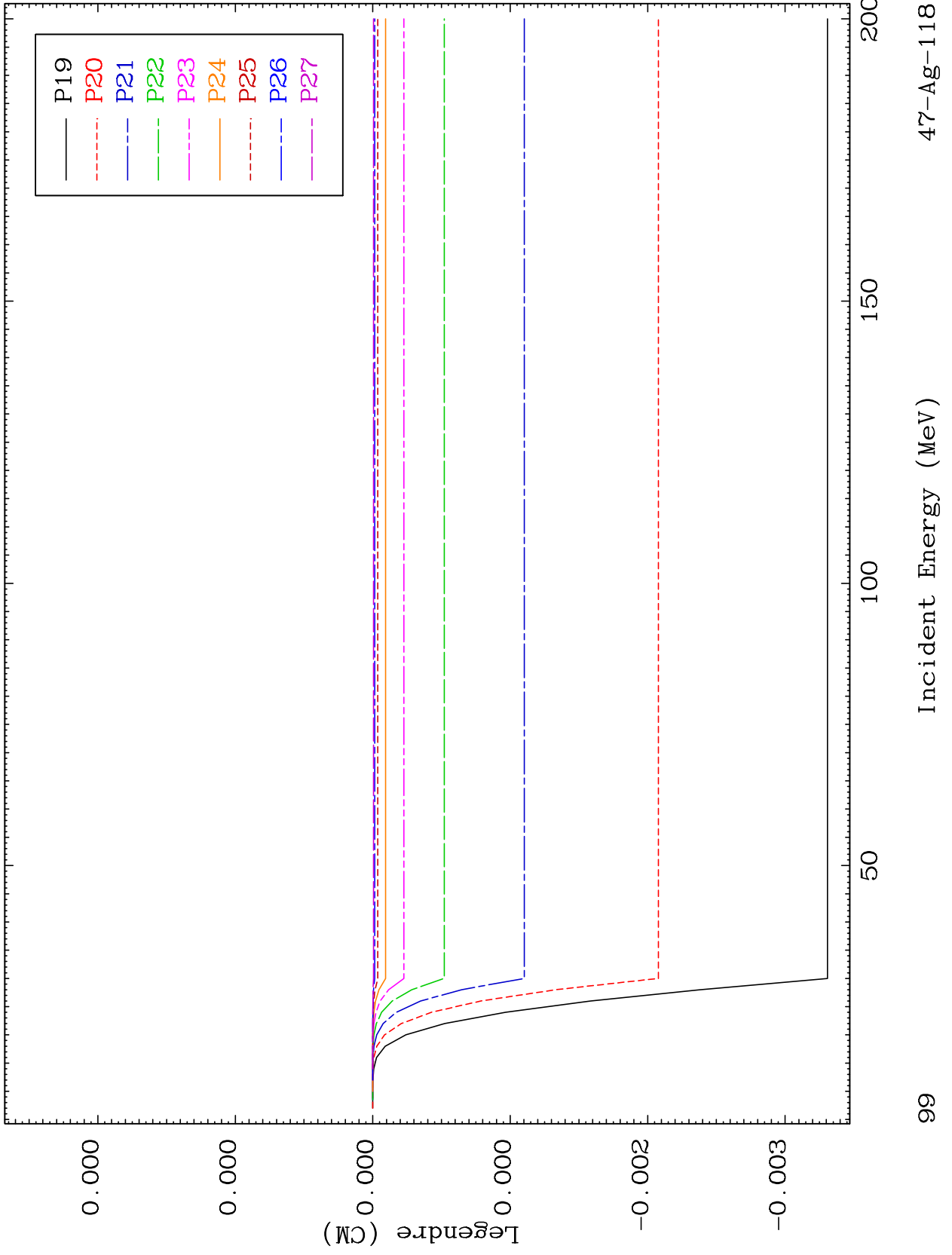
Incident Energy (MeV)

47-Ag-118

MAT 4758

885.0 keV (n,n') Level  
Legendre Coefficients

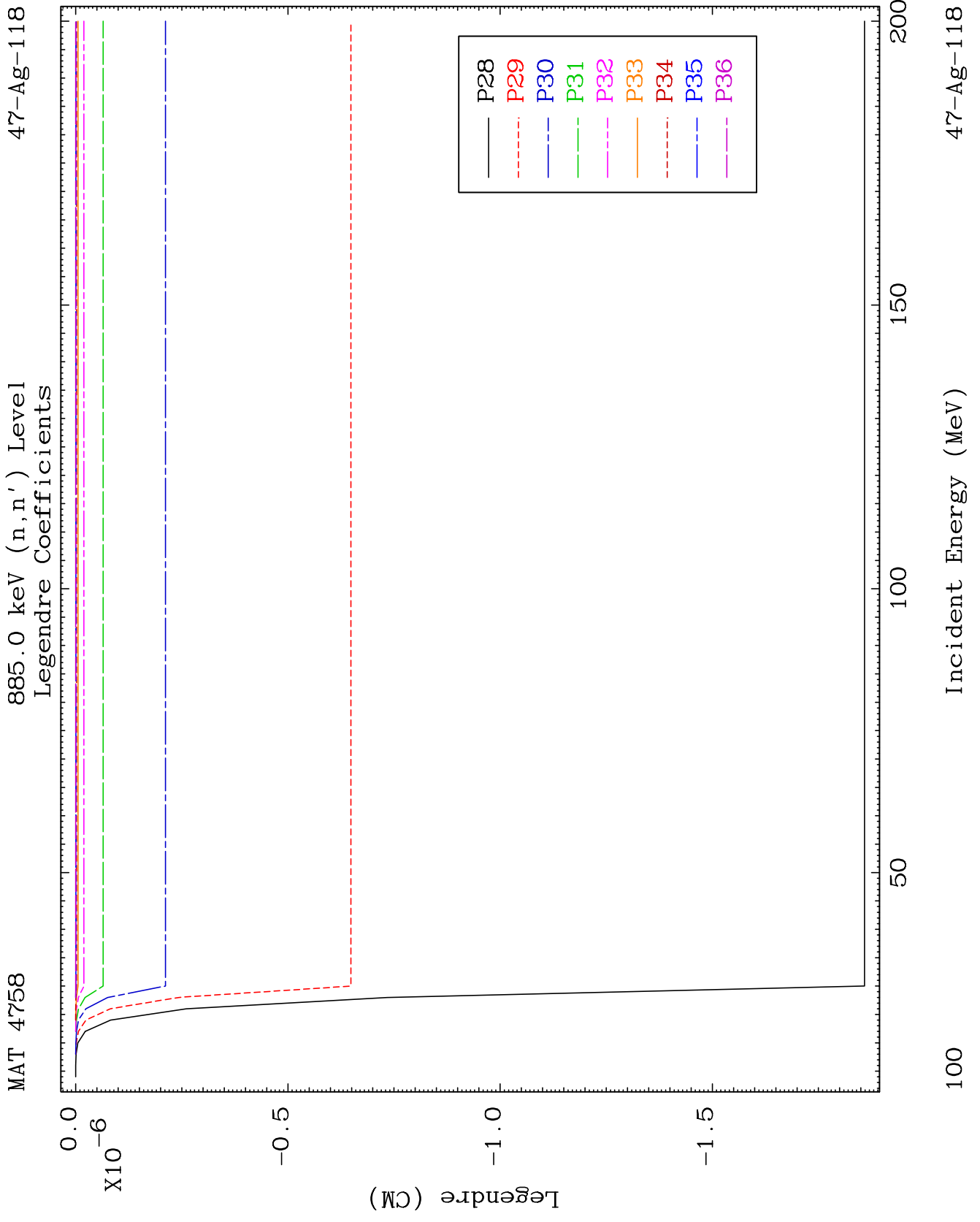
47-Ag-118



99

Incident Energy (MeV)

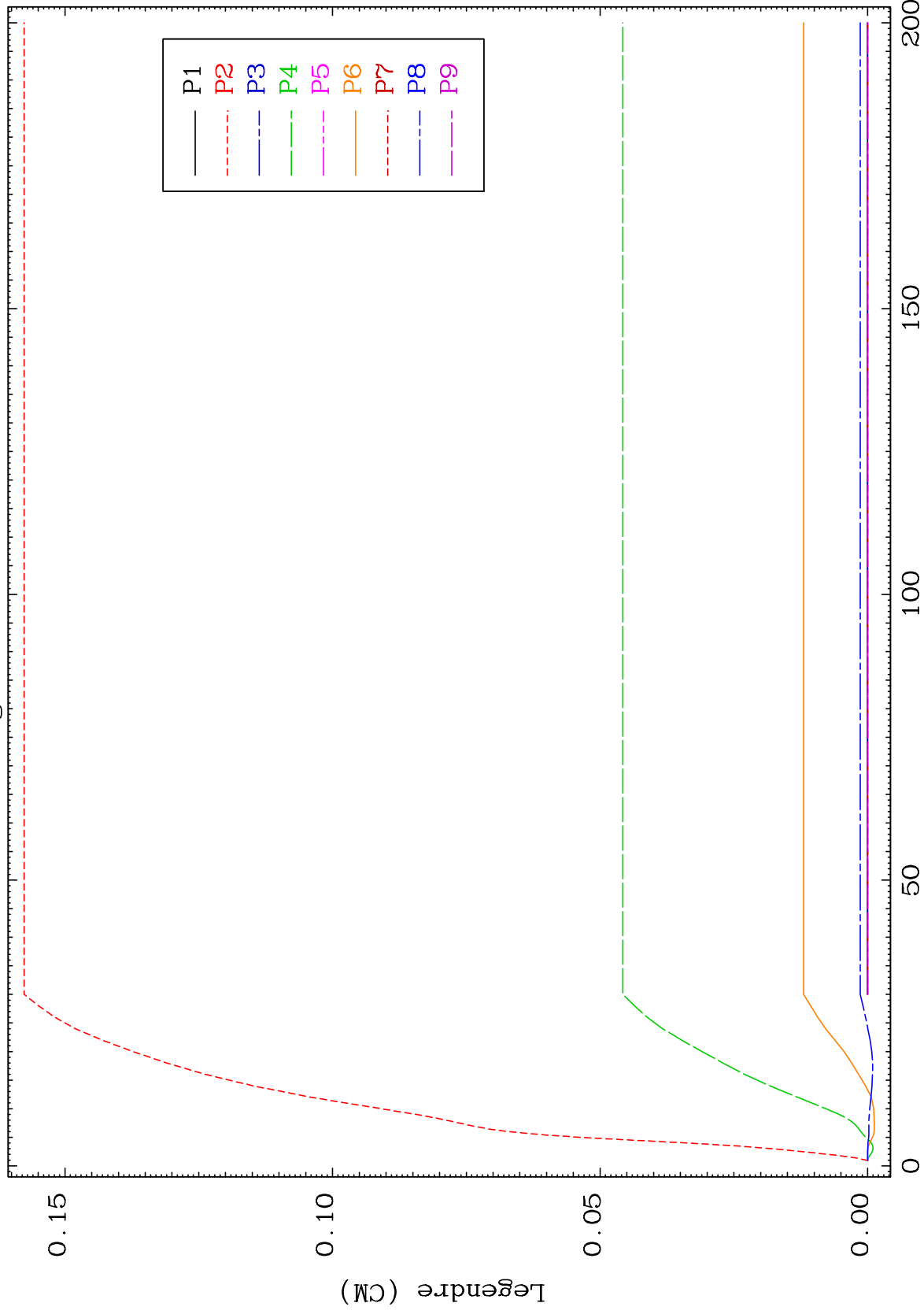
47-Ag-118



MAT 4758

892.3 keV (n,n') Level  
Legendre Coefficients

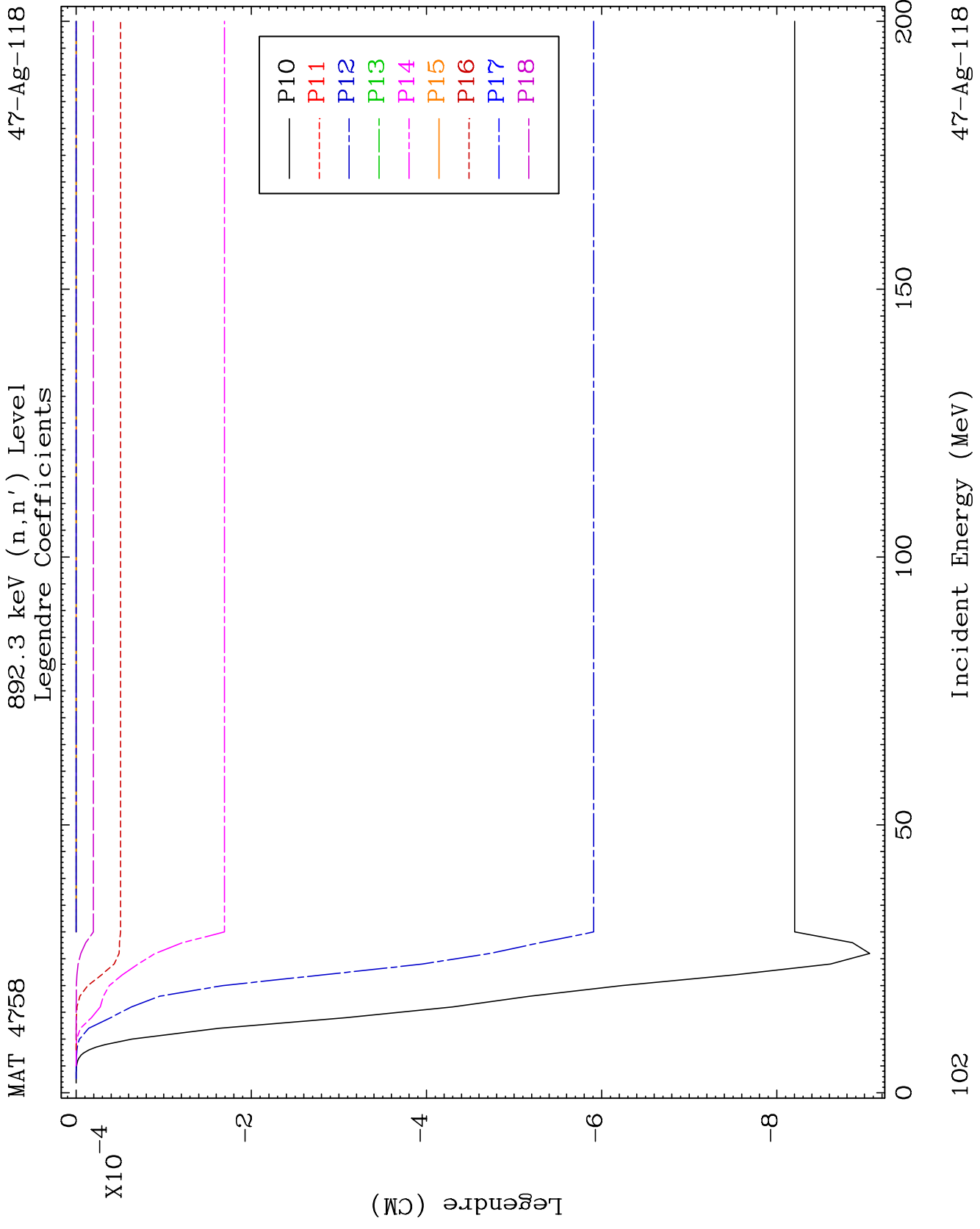
47-Ag-118

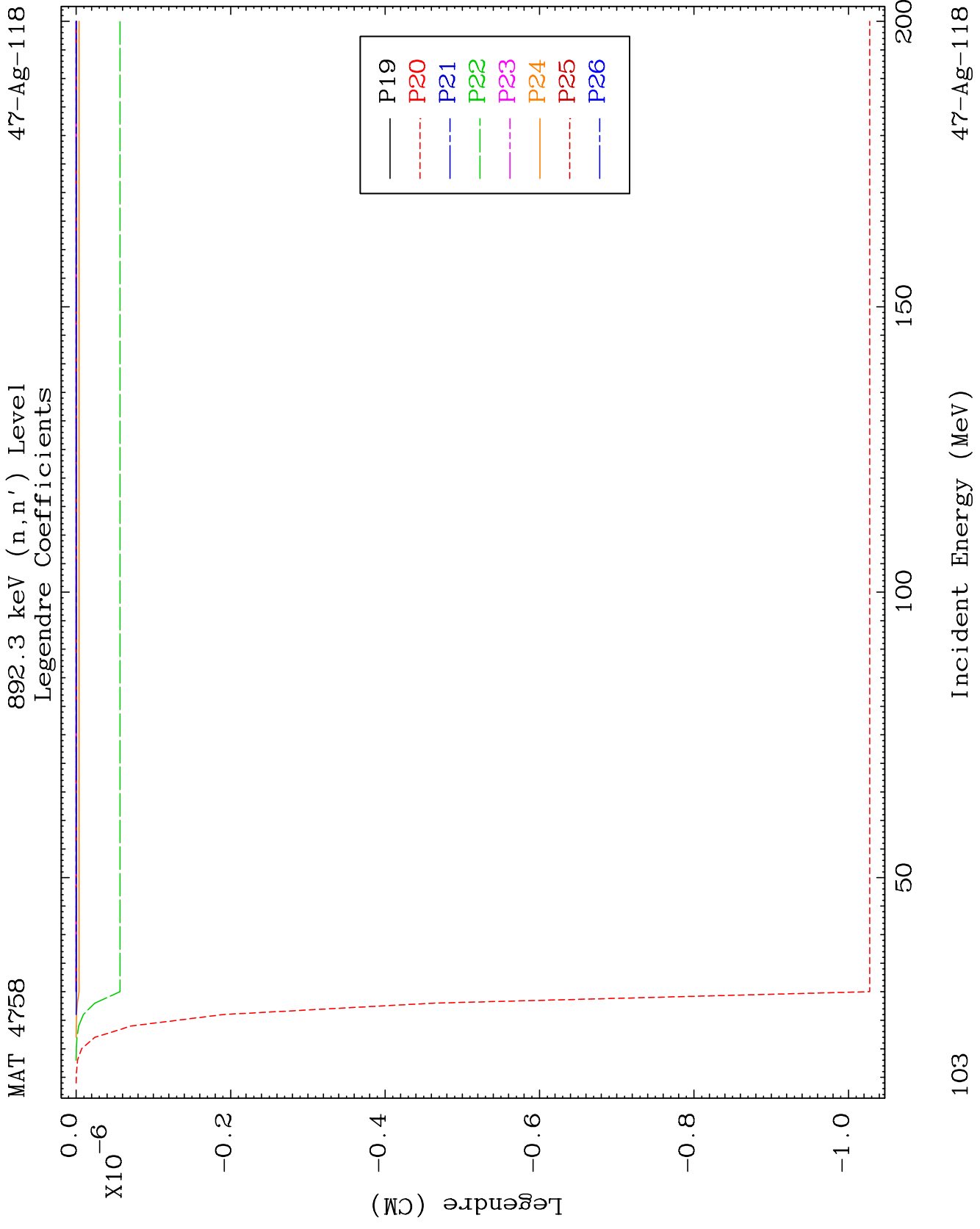


101

Incident Energy (MeV)

47-Ag-118



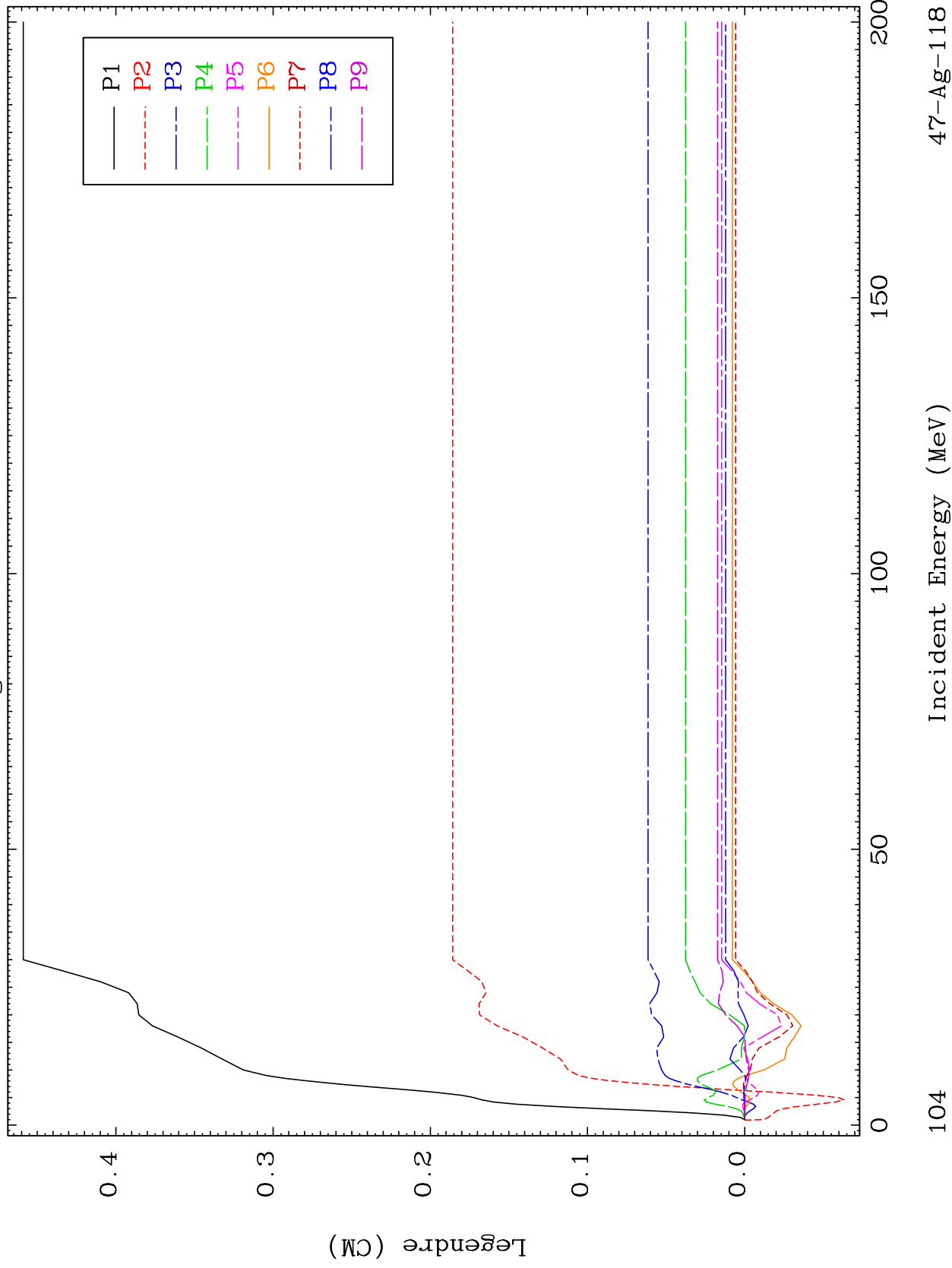




MAT 4758

906.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



47-Ag-118

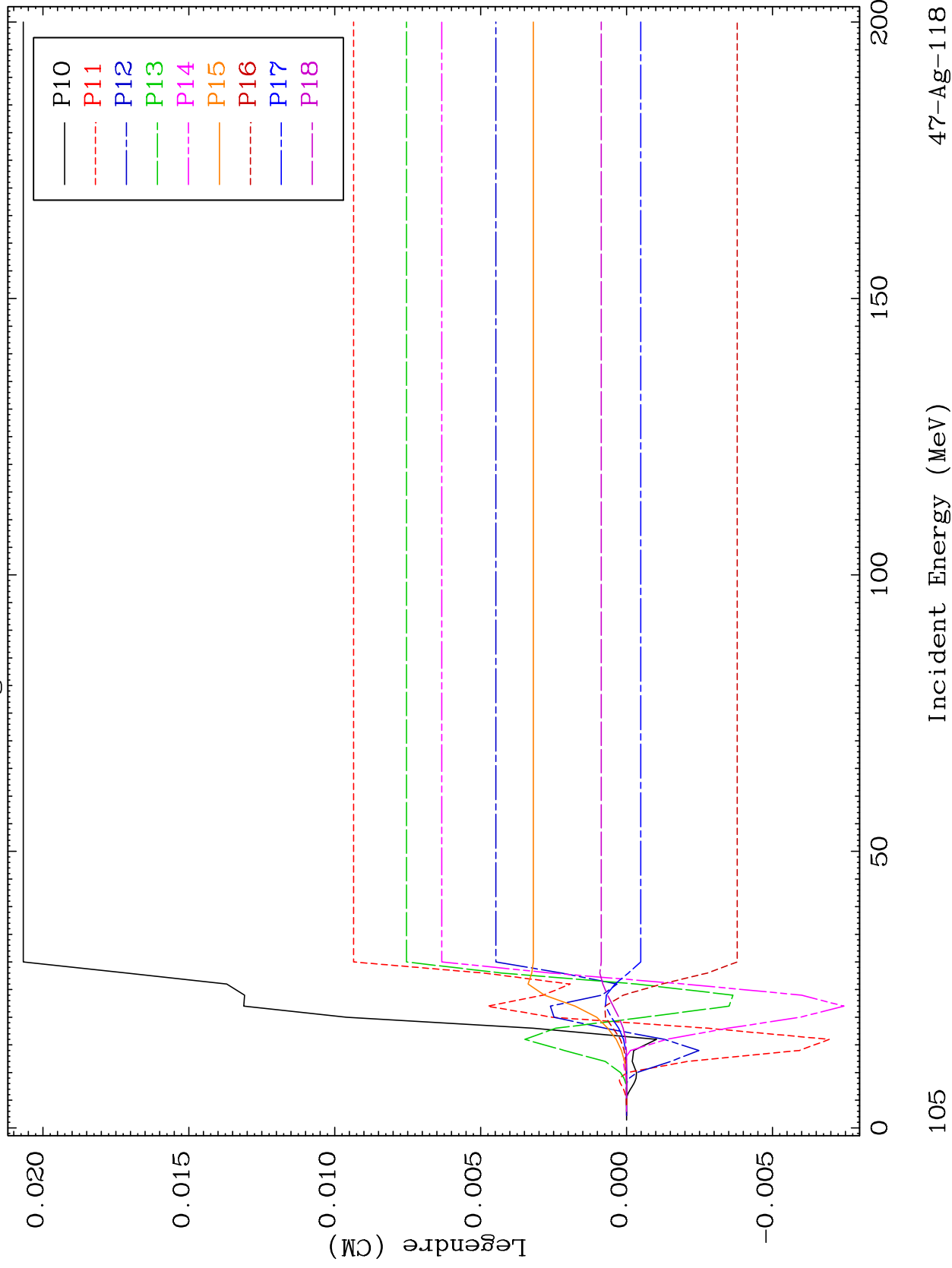
Incident Energy (MeV)

104

MAT 4758

906.1 keV (n,n') Level  
Legendre Coefficients

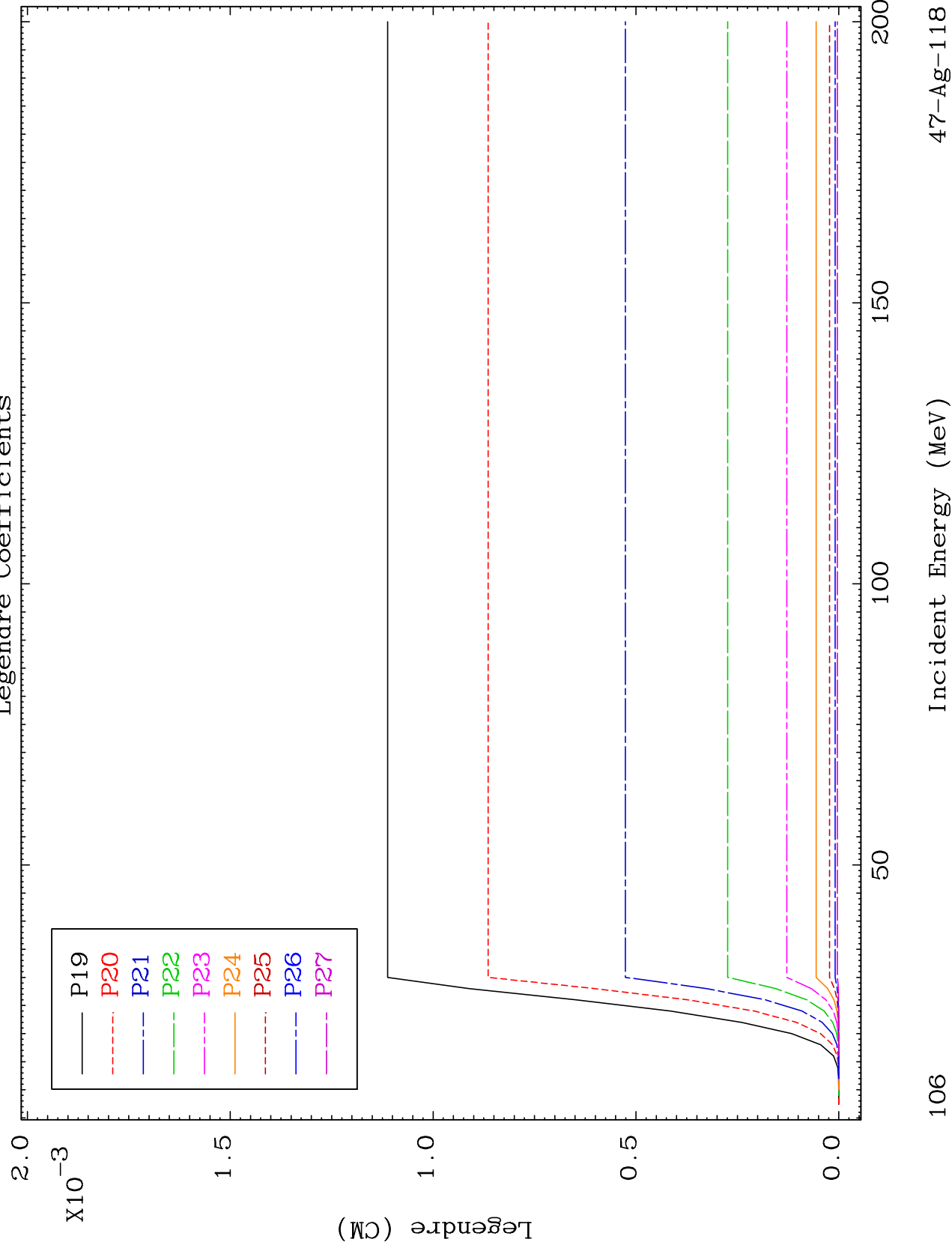
47-Ag-118



47-Ag-118

Incident Energy (MeV)

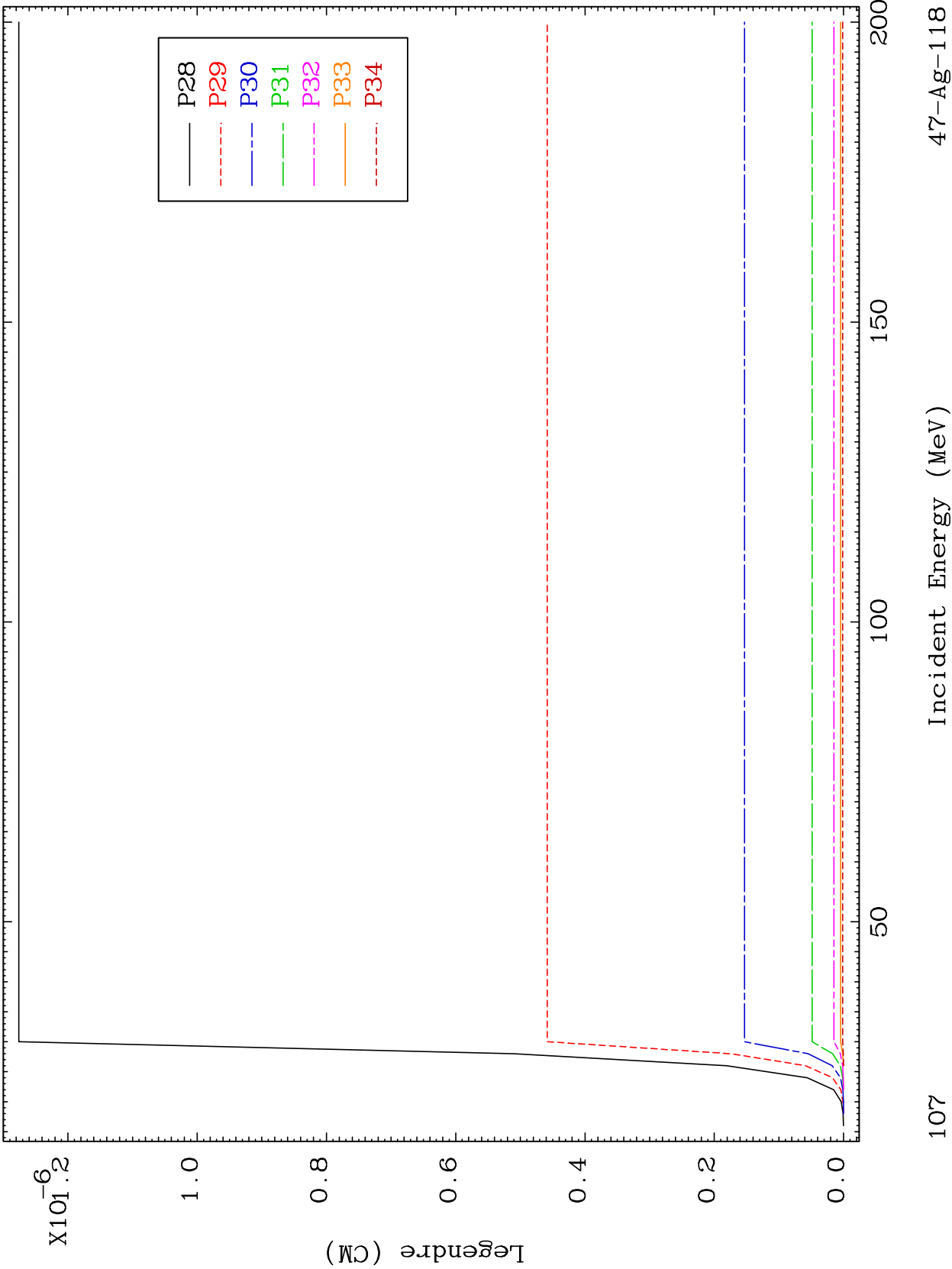
105



MAT 4758

906.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



107

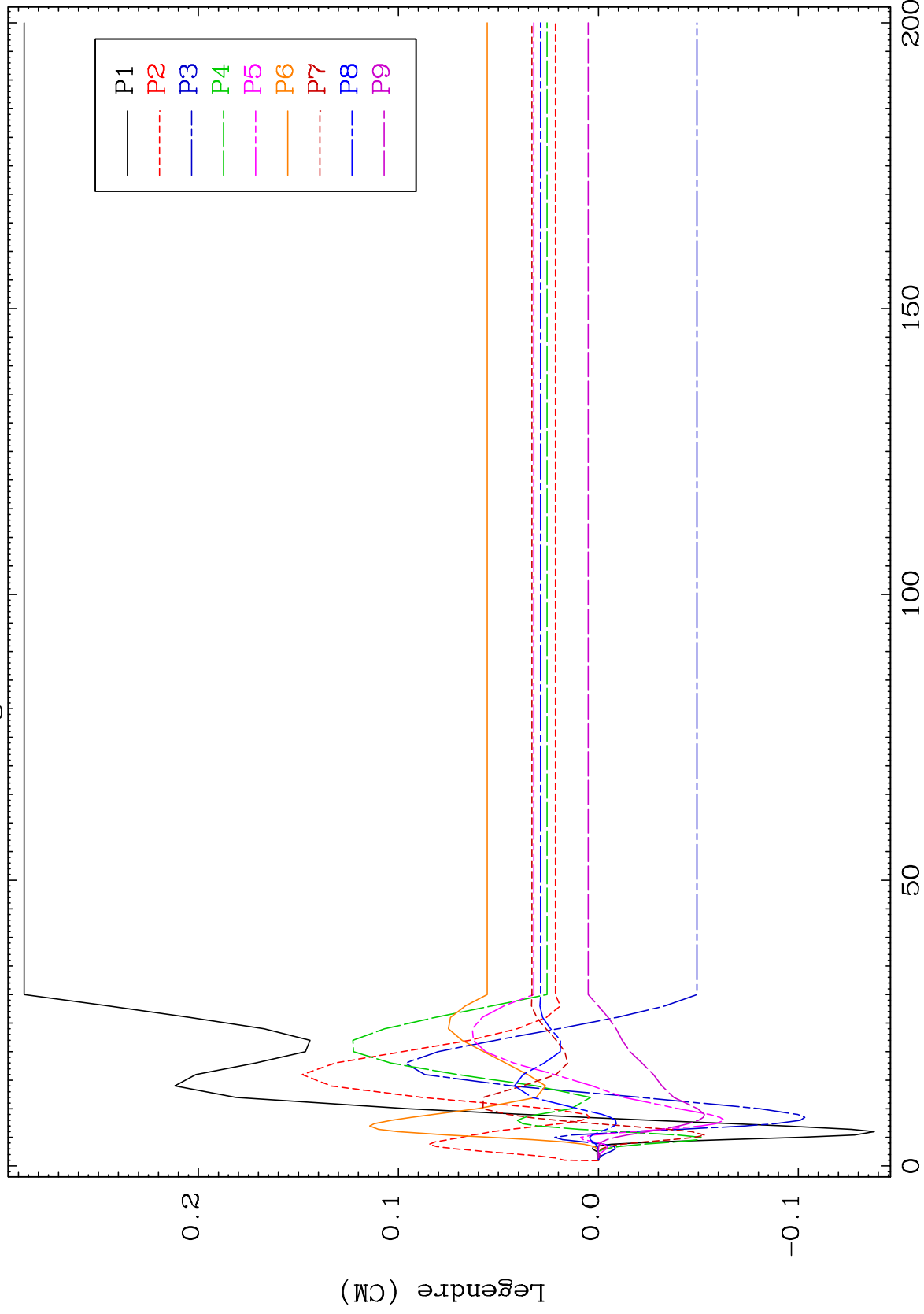
Incident Energy (MeV)

47-Ag-118

MAT 4758

910.1 keV (n,n') Level  
Legendre Coefficients

47-Ag-118



108

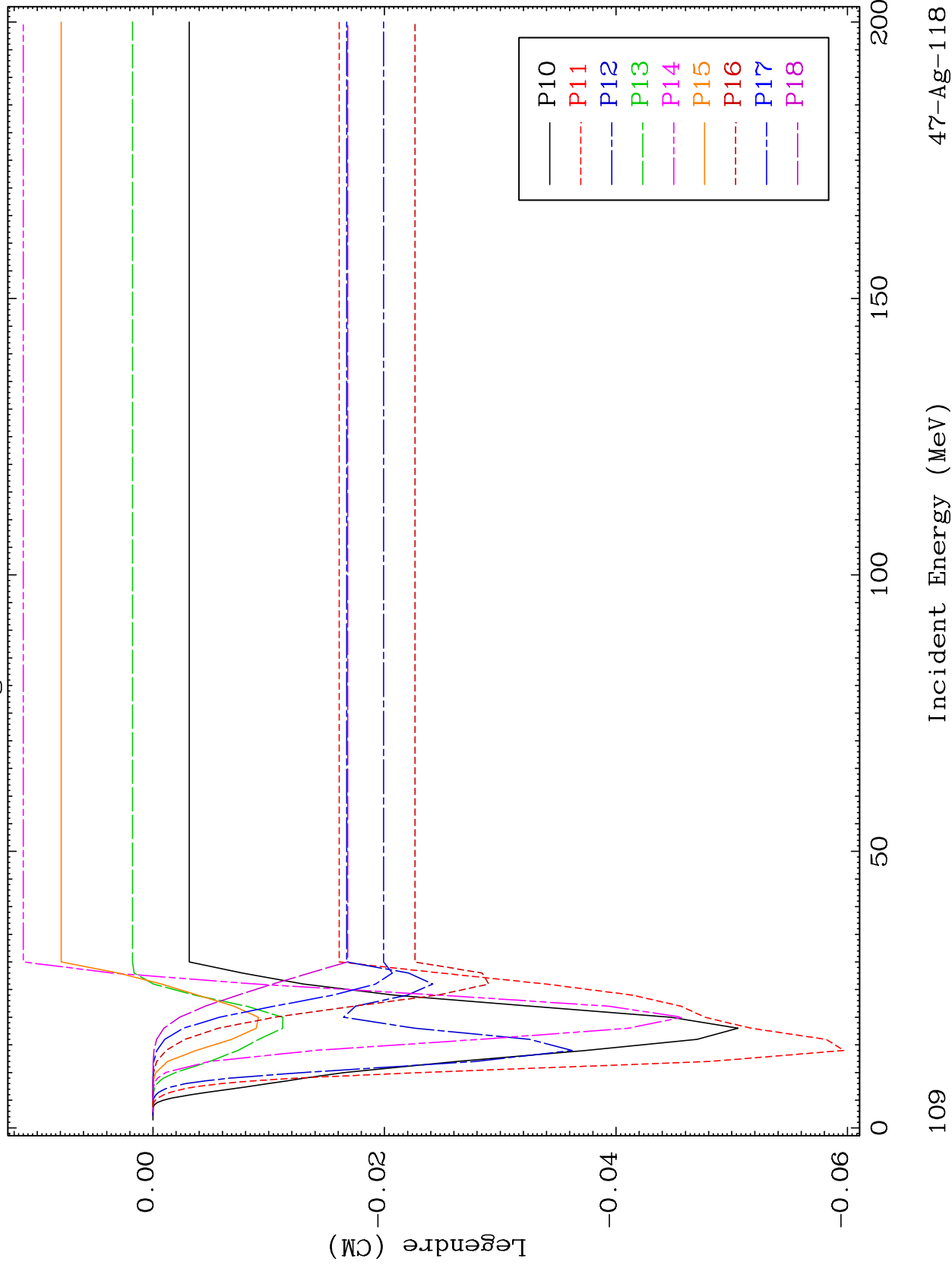
Incident Energy (MeV)

47-Ag-118

MAT 4758

910.1 keV (n,n') Level  
Legendre Coefficients

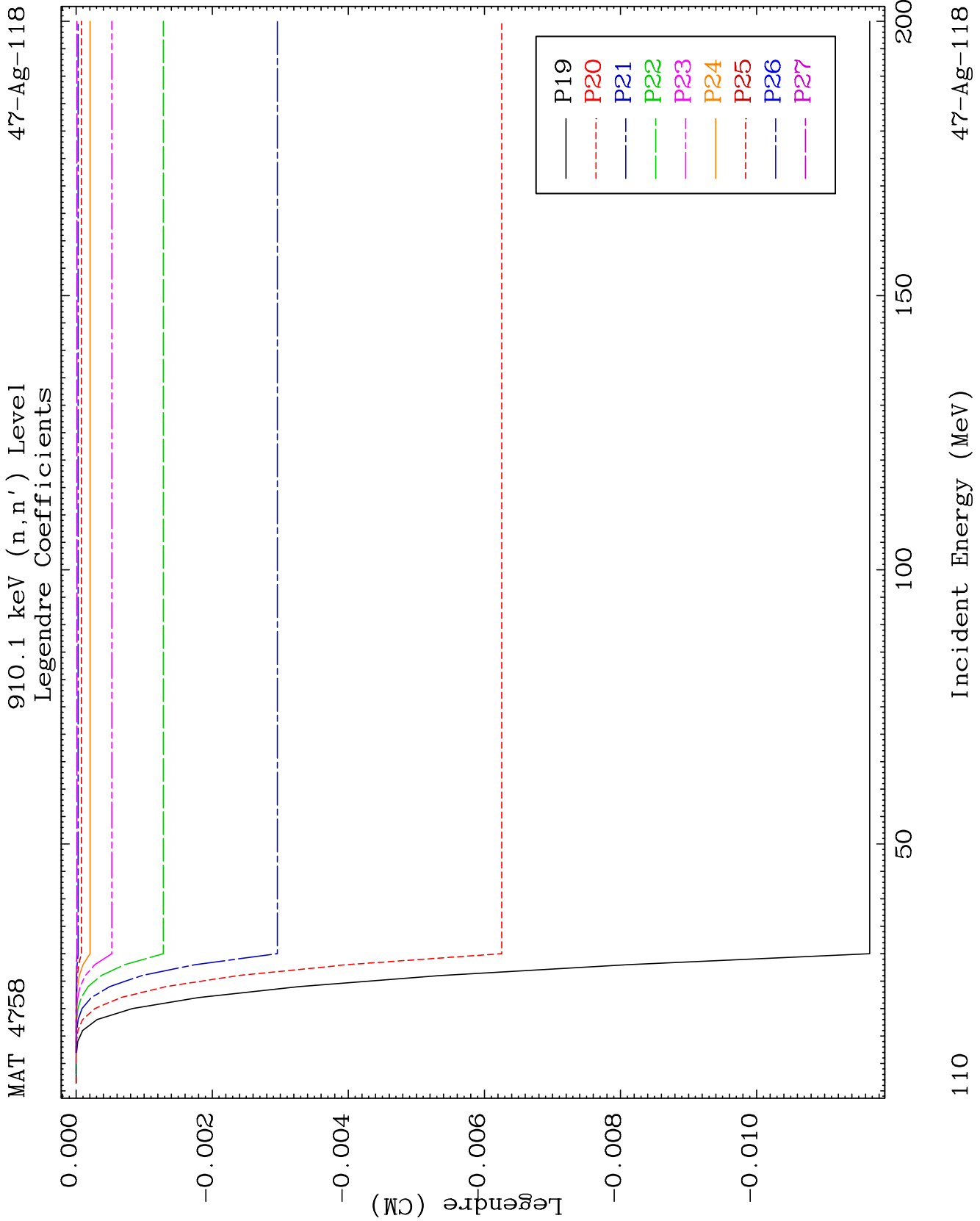
47-Ag-118

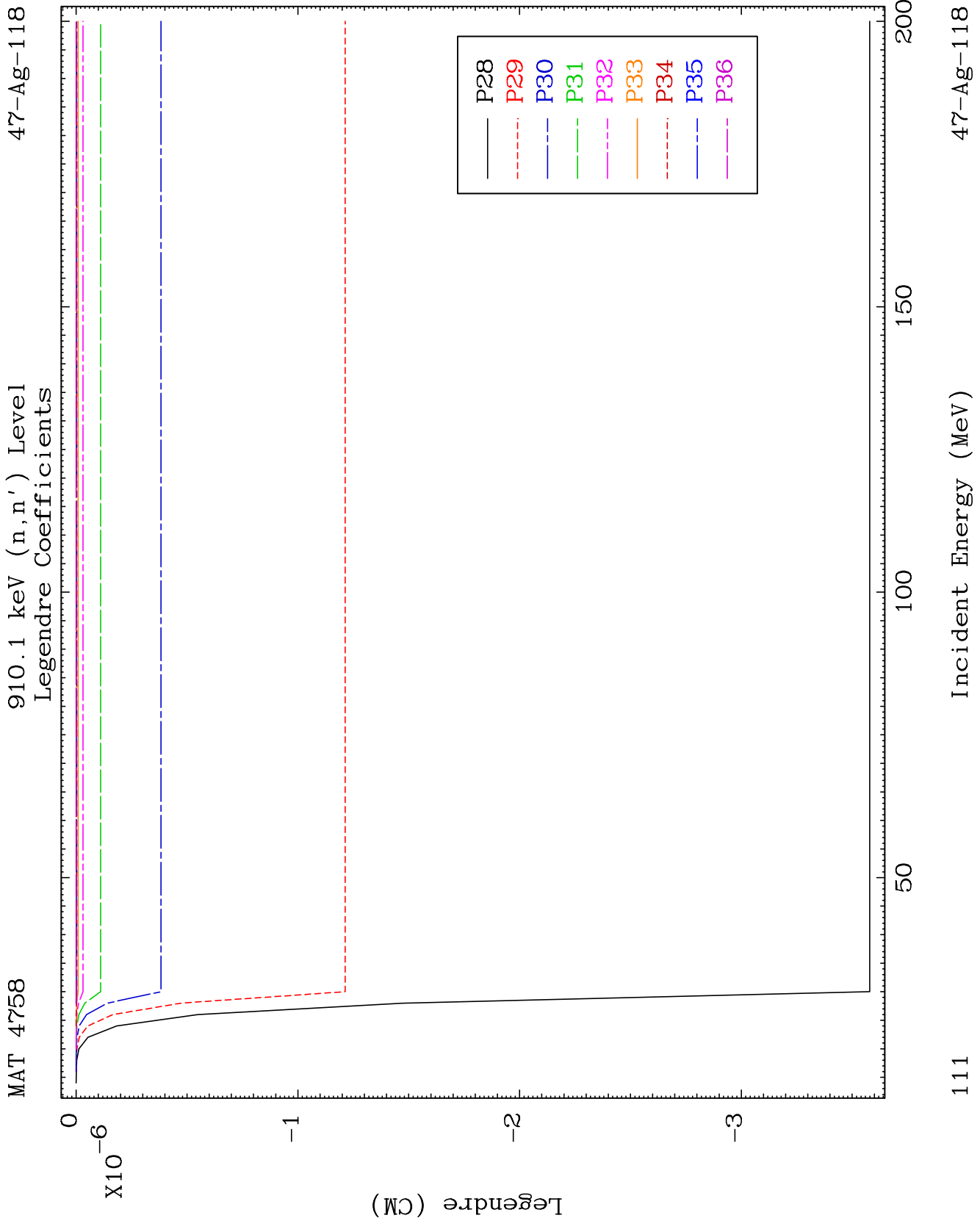


47-Ag-118

Incident Energy (MeV)

109



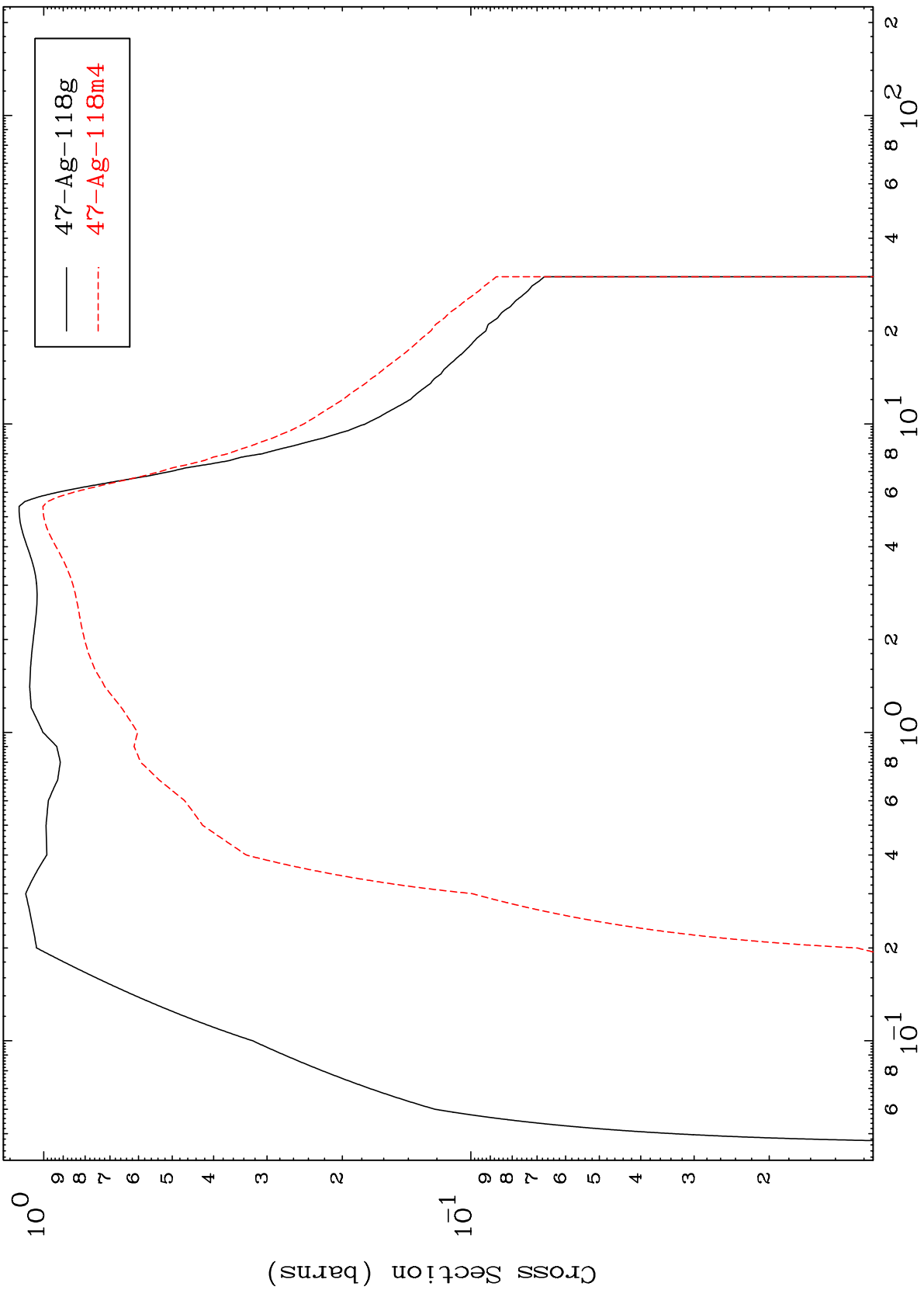




MAT 4758

47-Ag-118

Inelastic  
Radionuclide Production Cross Section



112

Incident Energy (MeV)

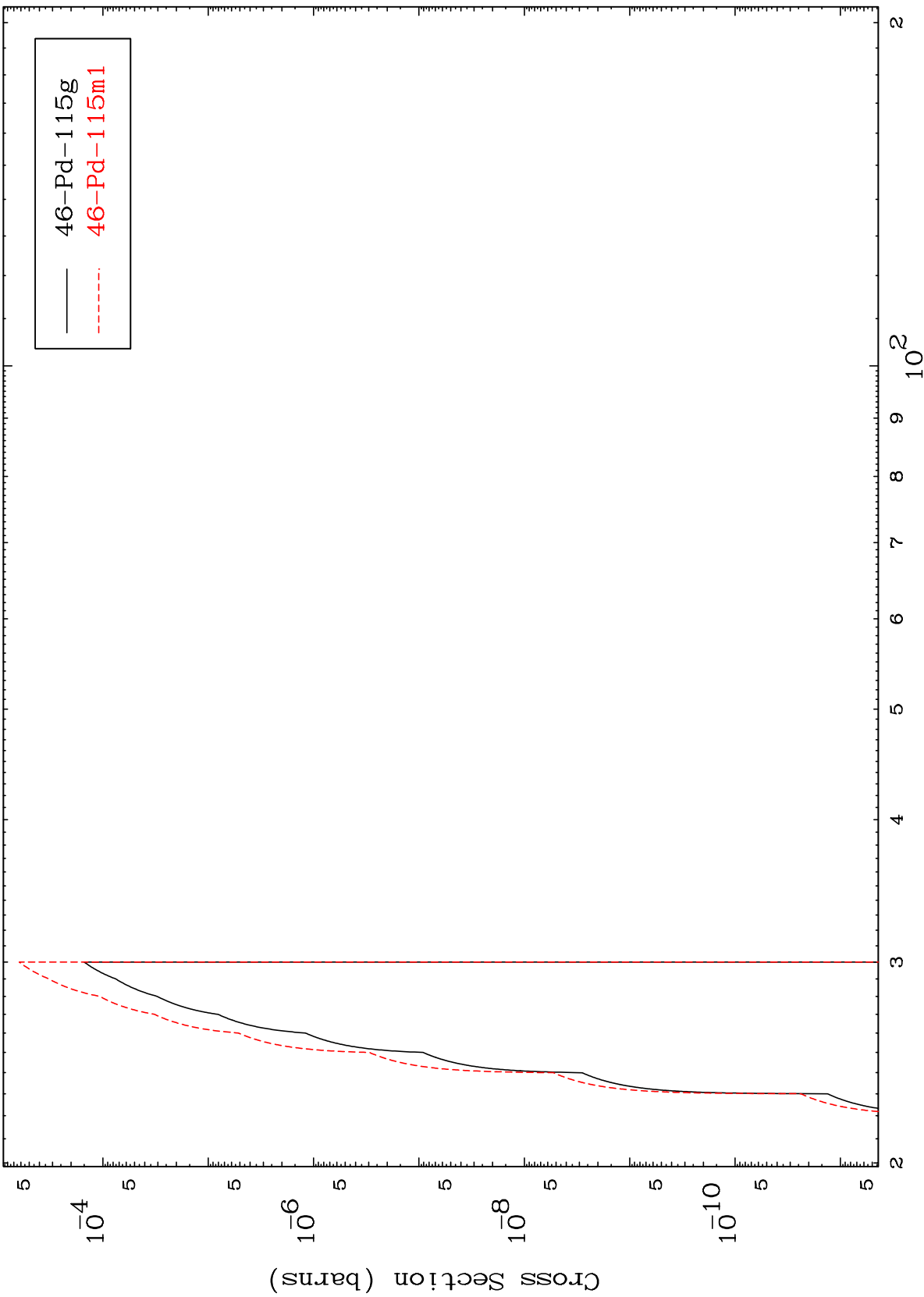
47-Ag-118

MAT 4758

(n,2n) d

47-Ag-118

Radionuclide Production Cross Section



113

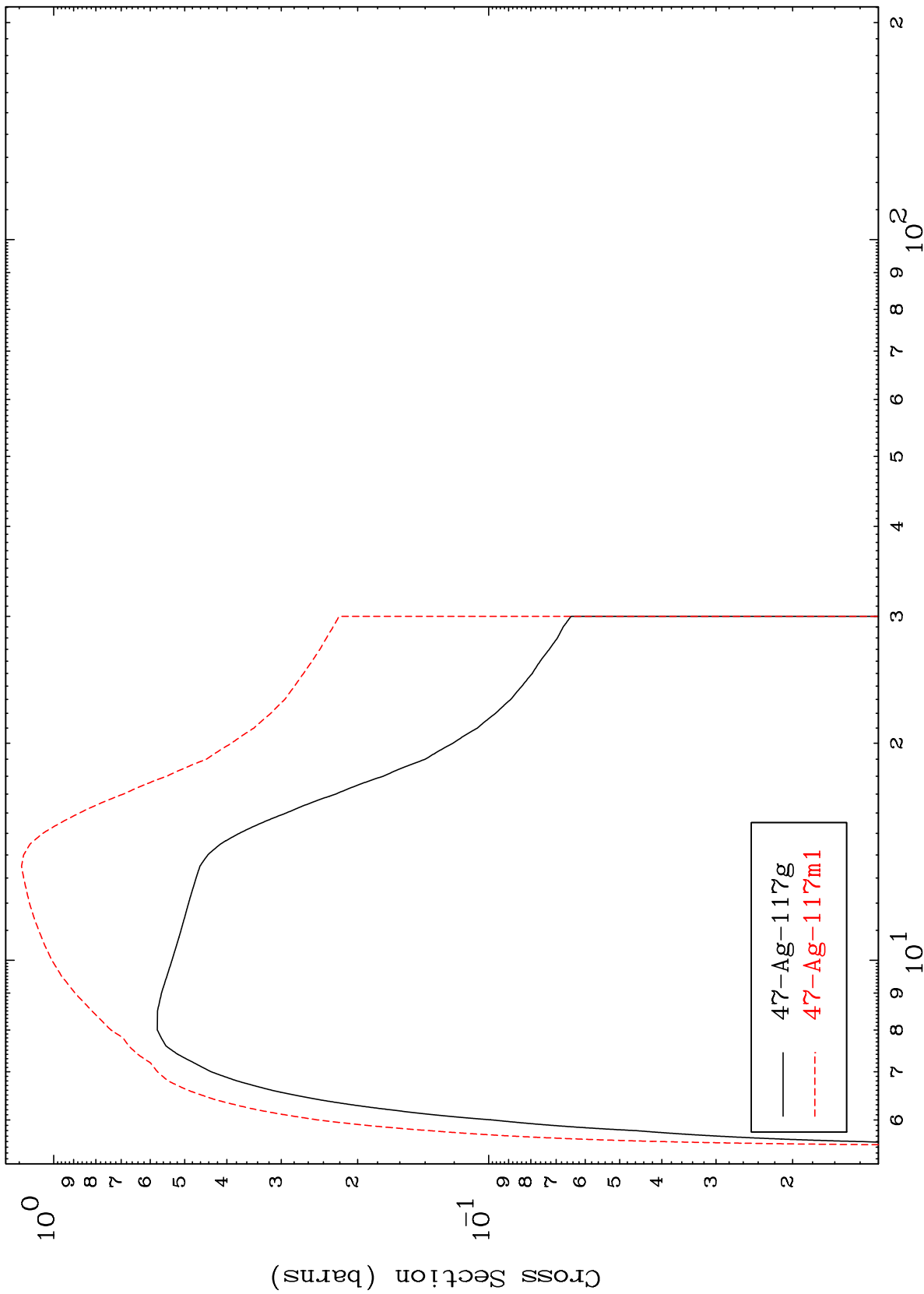
Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

(n,2n)  
Radionuclide Production Cross Section



114

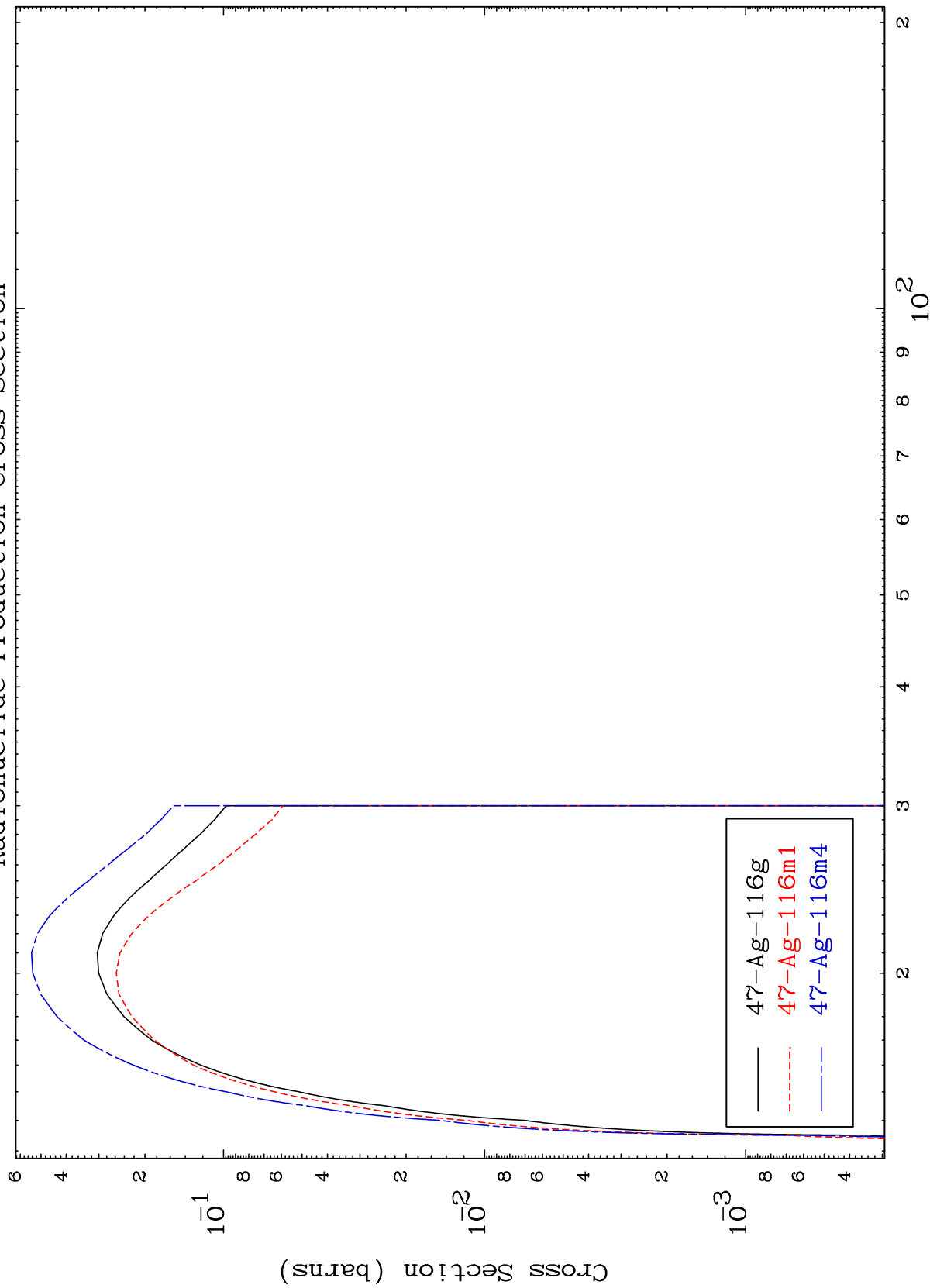
Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

(n,3n)  
Radionuclide Production Cross Section



47-Ag-118

Incident Energy (MeV)

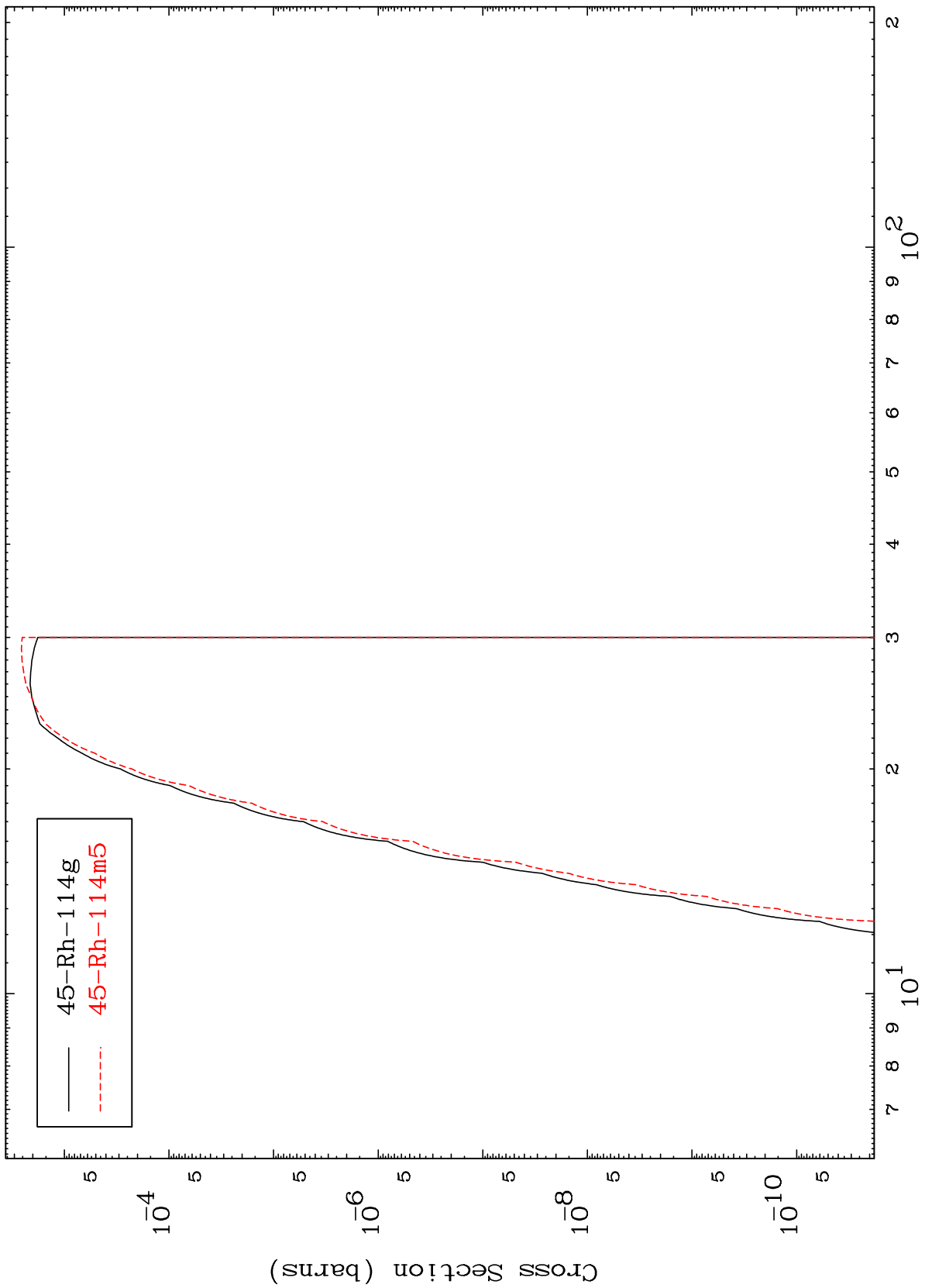
115

MAT 4758

(n,n')  $\alpha$

47-Ag-118

Radionuclide Production Cross Section



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

116

Incident Energy (MeV)

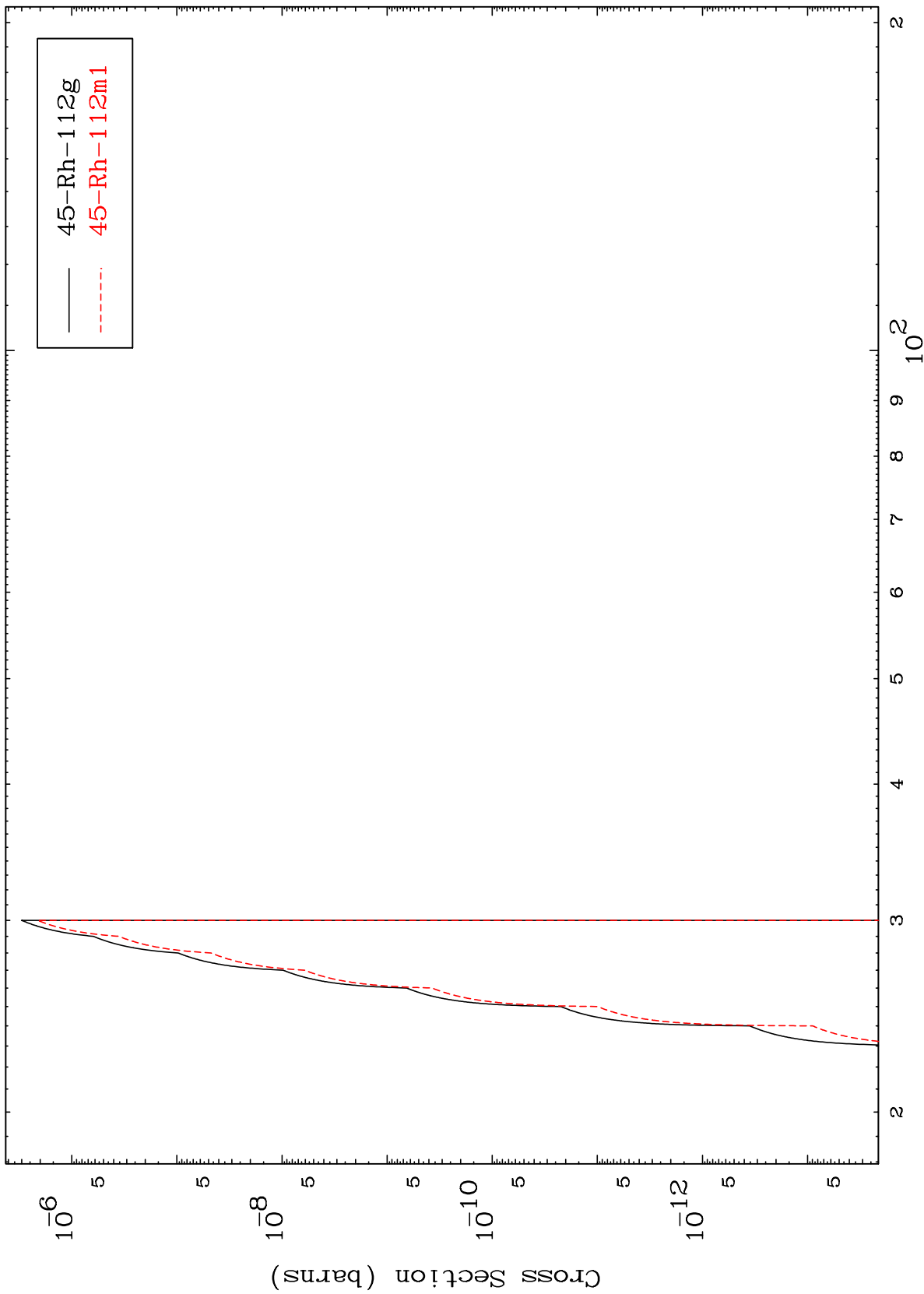
47-Ag-118

MAT 4758

(n,3n)  $\alpha$

47-Ag-118

Radionuclide Production Cross Section



117

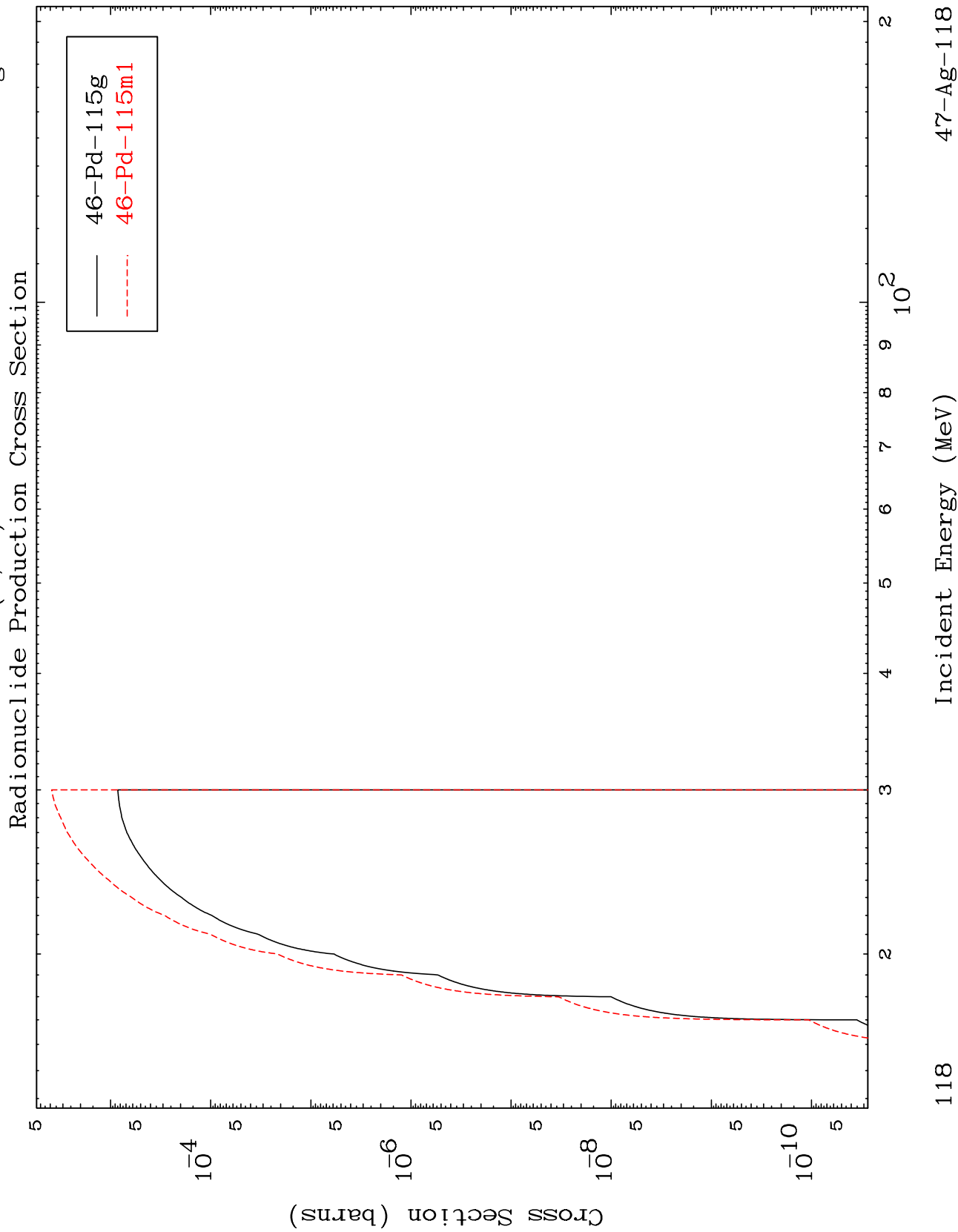
Incident Energy (MeV)

47-Ag-118

MAT 4758

(n,n') t

47-Ag-118



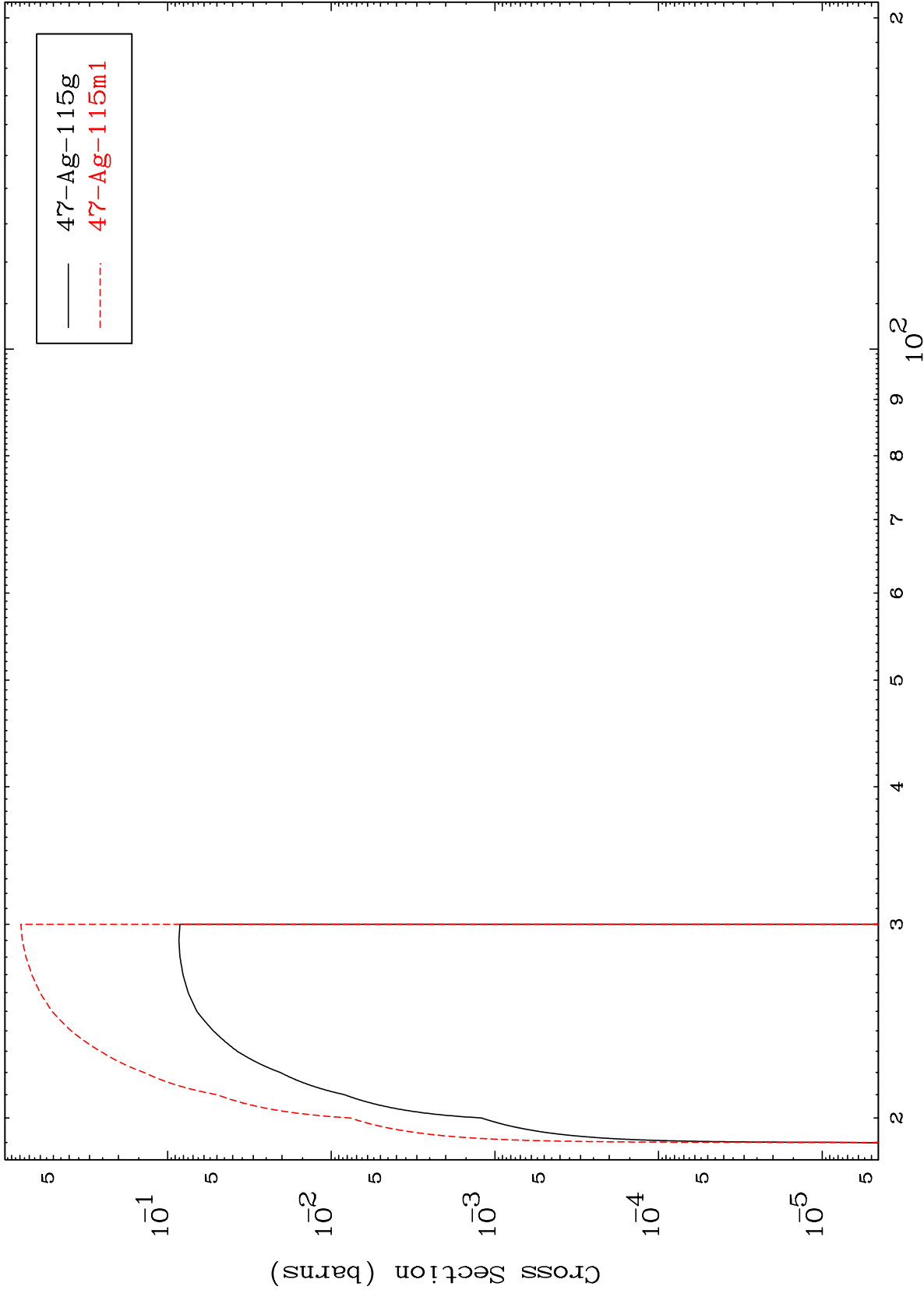
118

MAT 4758

(n,4n)

47-Ag-118

Radionuclide Production Cross Section



119

Incident Energy (MeV)

47-Ag-118

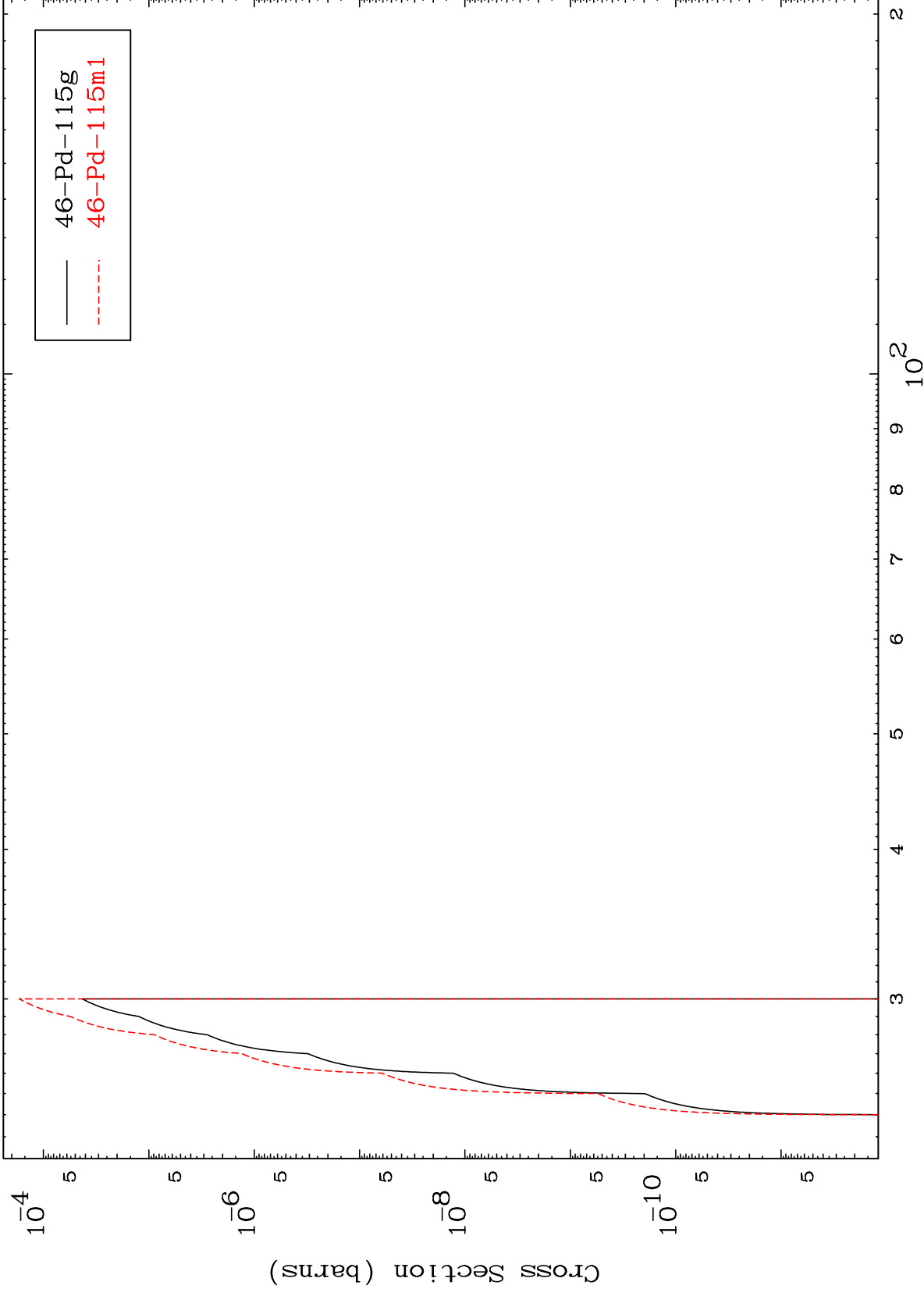


MAT 4758

(n,3n) p

47-Ag-118

Radionuclide Production Cross Section



120

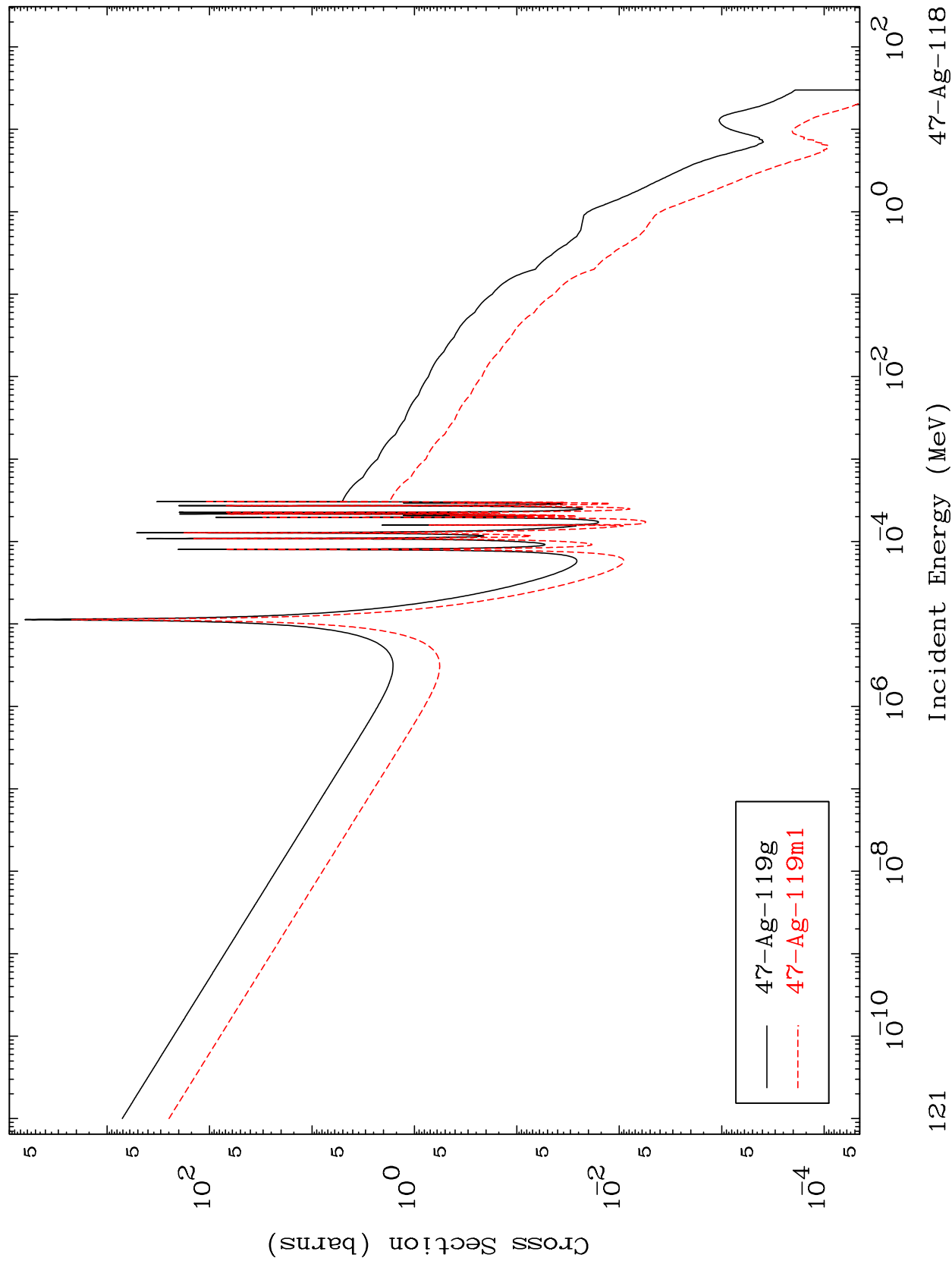
Incident Energy (MeV)

47-Ag-118

MAT 4758

47-Ag-118

$(n, \gamma)$   
Radionuclide Production Cross Section

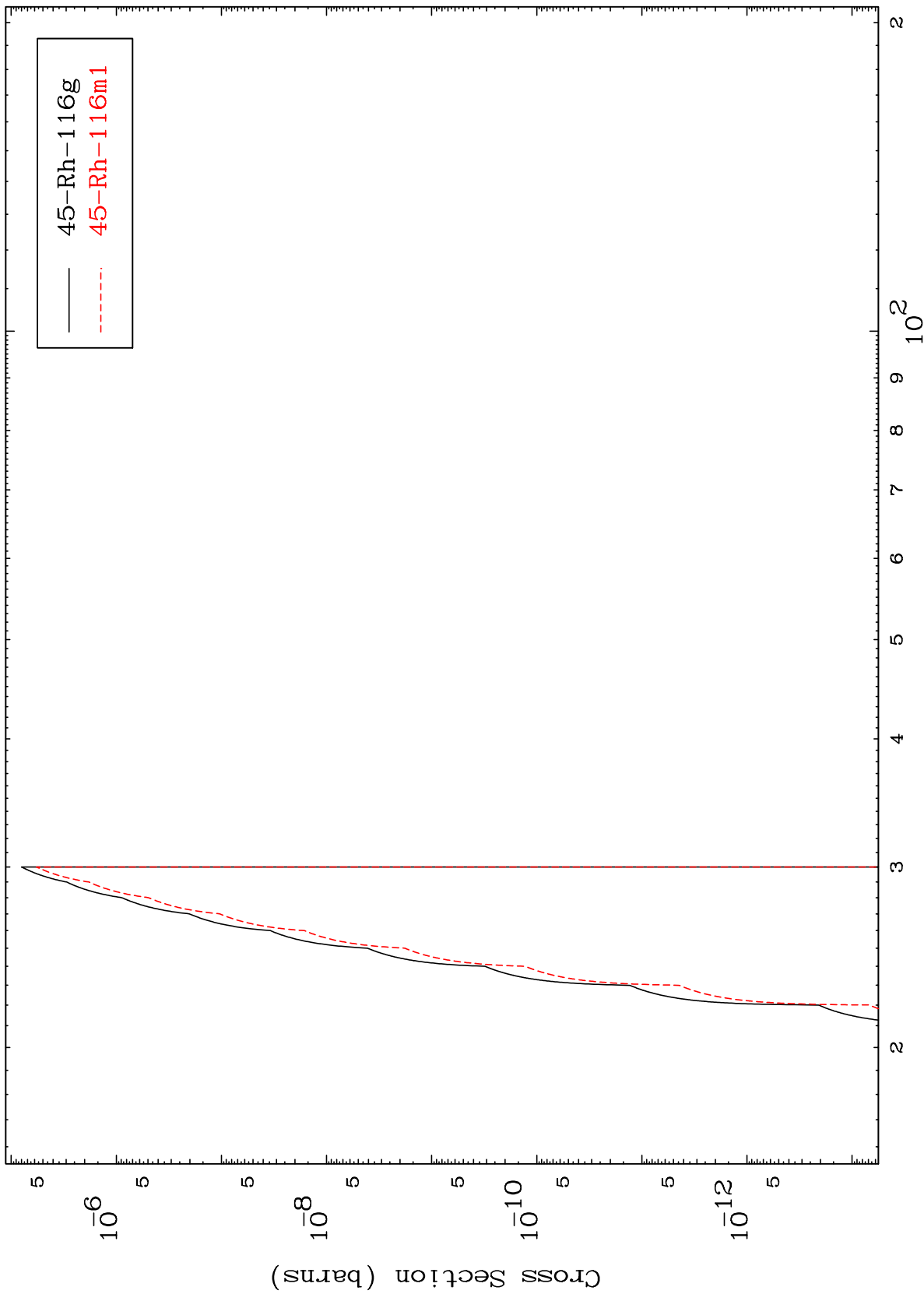


MAT 4758

(n,He-3)

47-Ag-118

Radionuclide Production Cross Section



122

Incident Energy (MeV)

47-Ag-118