

Program EVALPLOT  
(Version 2017-1)

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

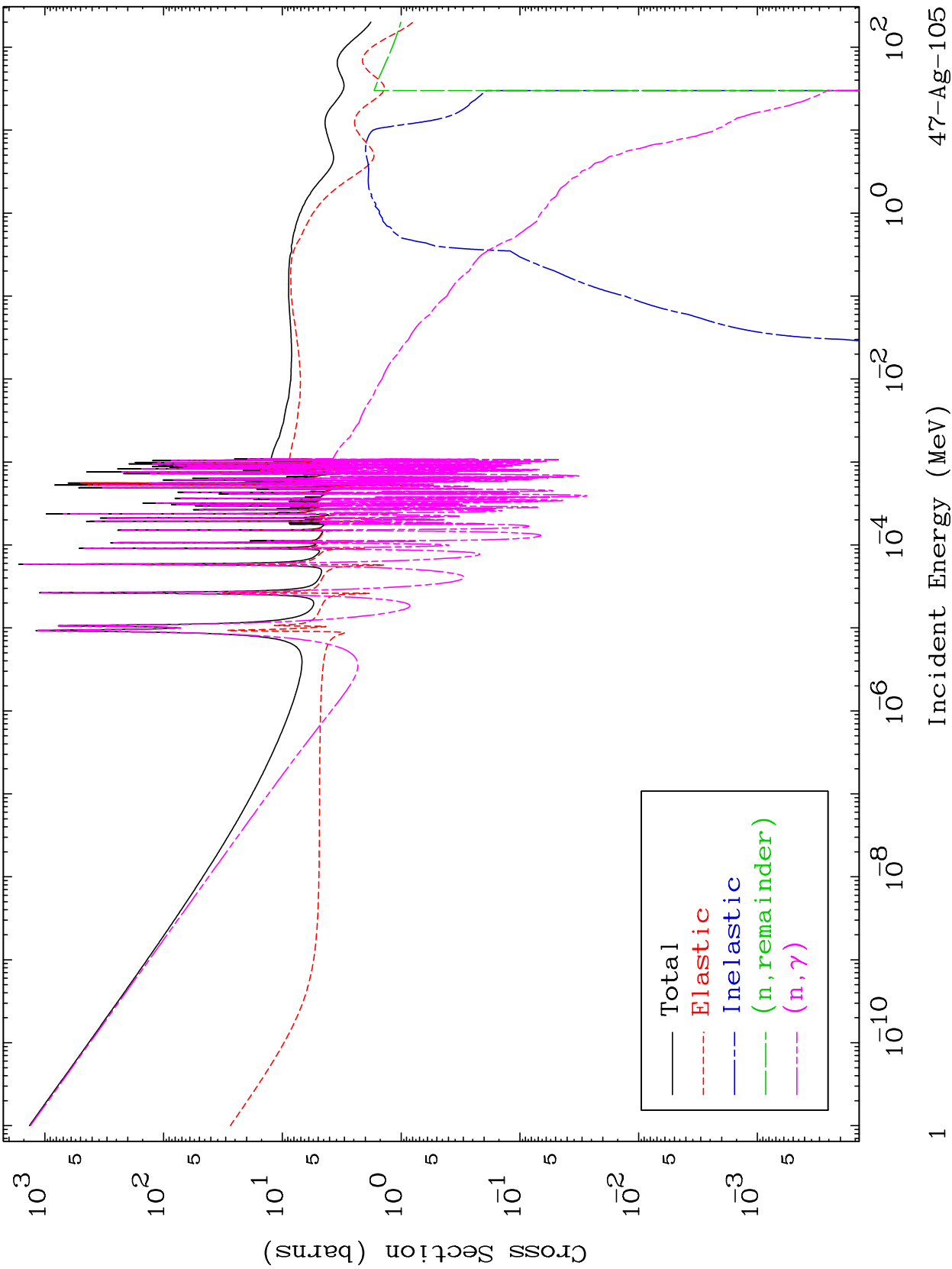
Press Mouse Button to Start

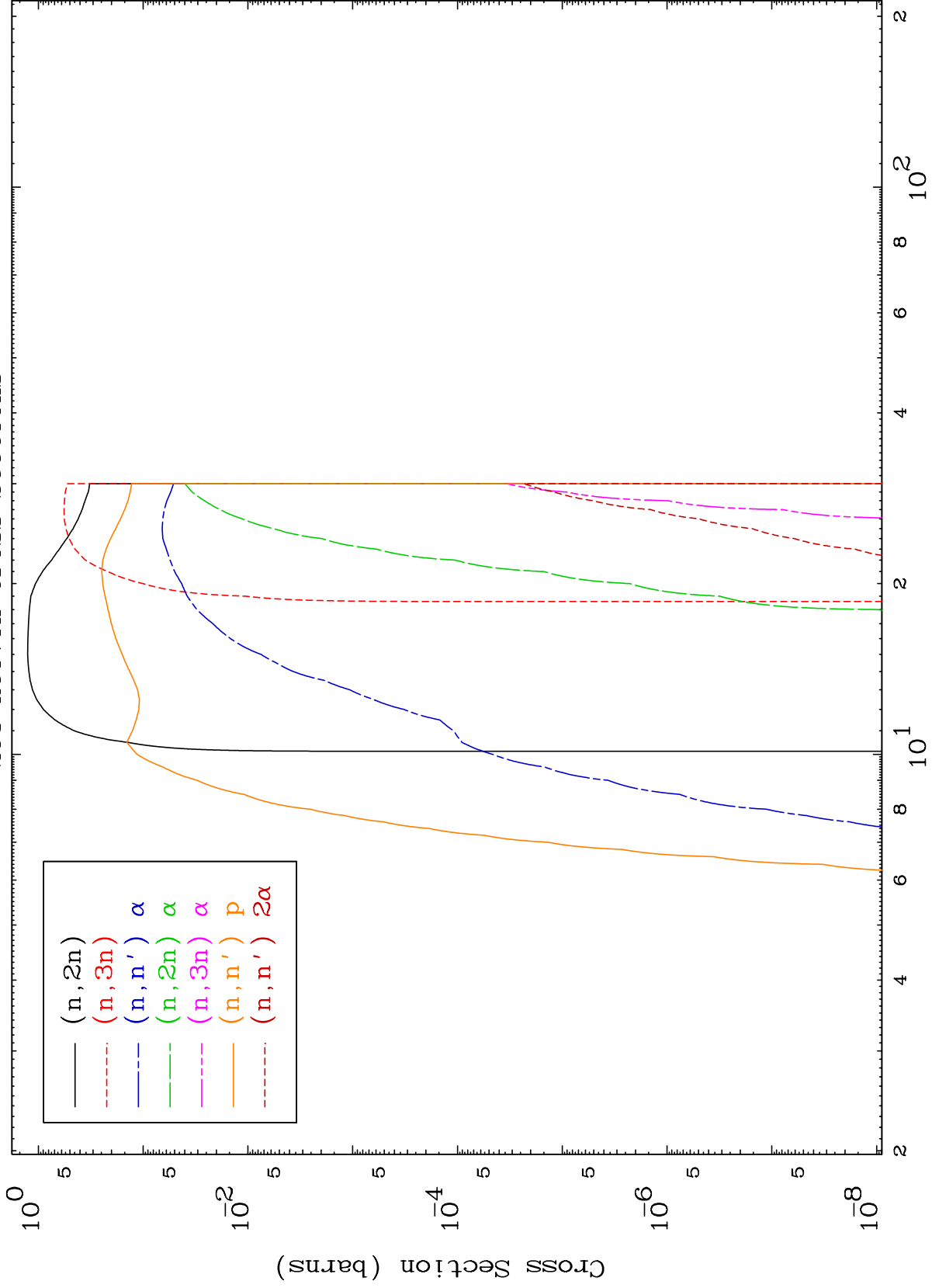
MAT 4719

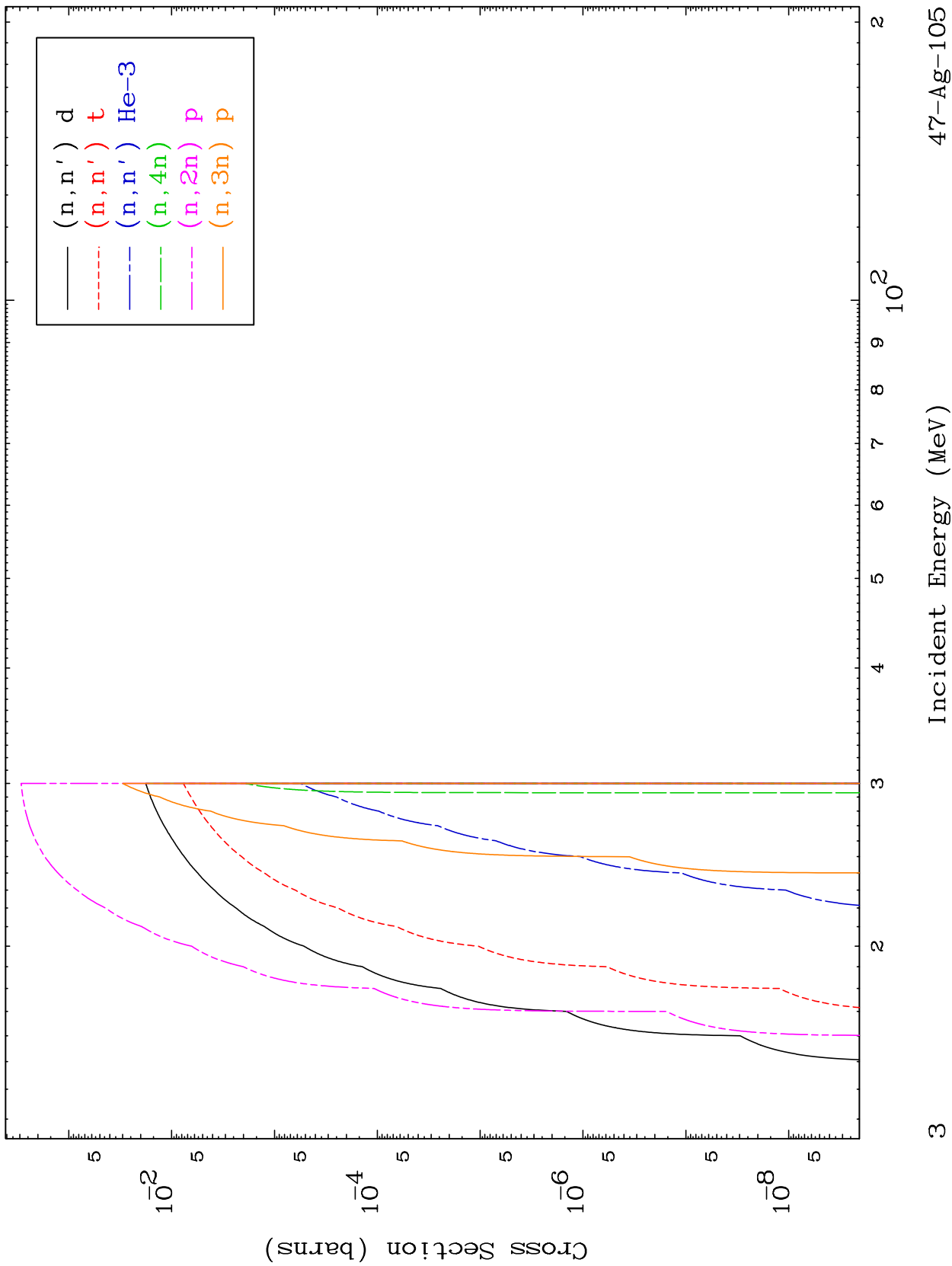
Major

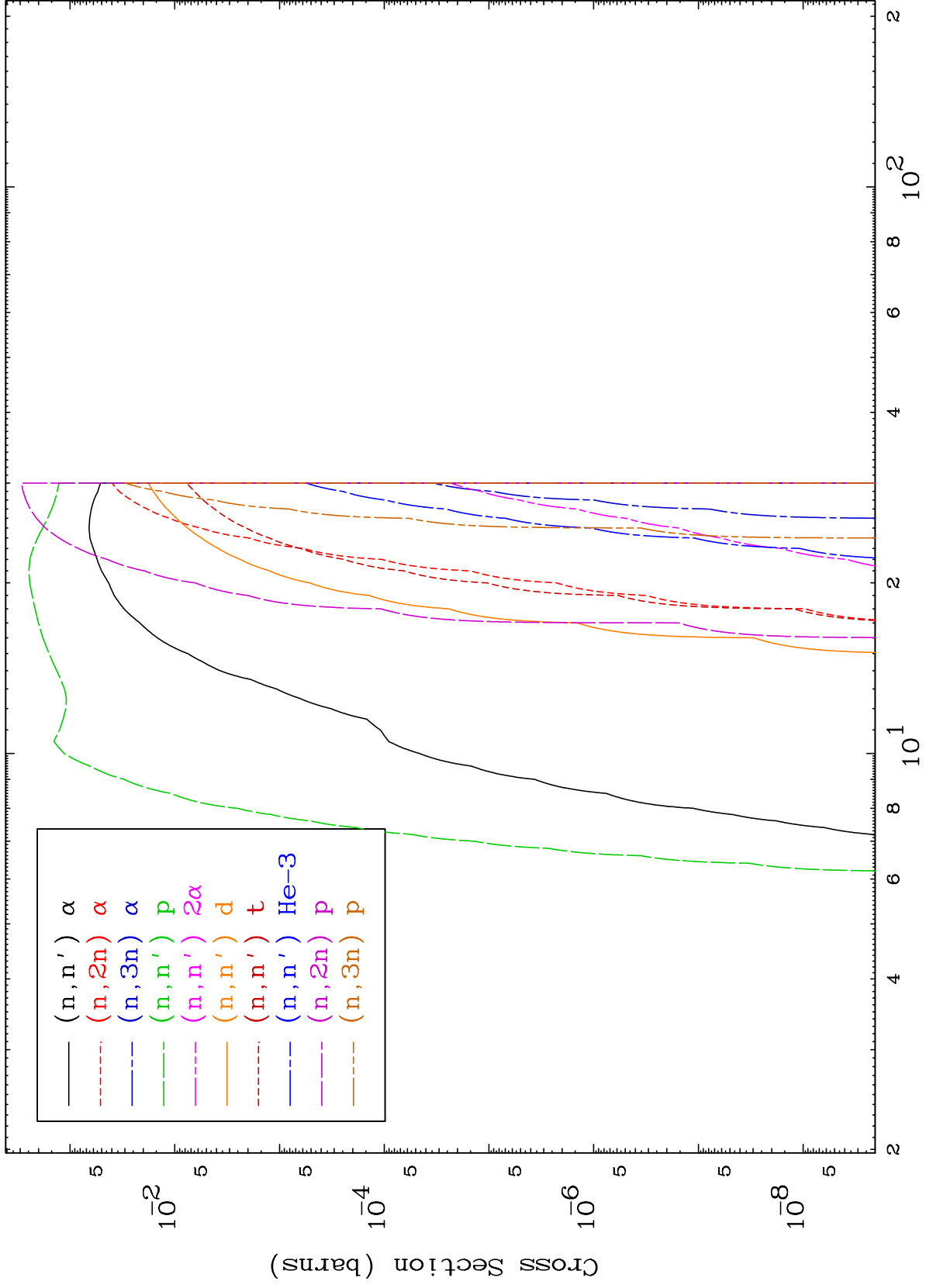
293 Kelvin Cross Sections

47-Ag-105





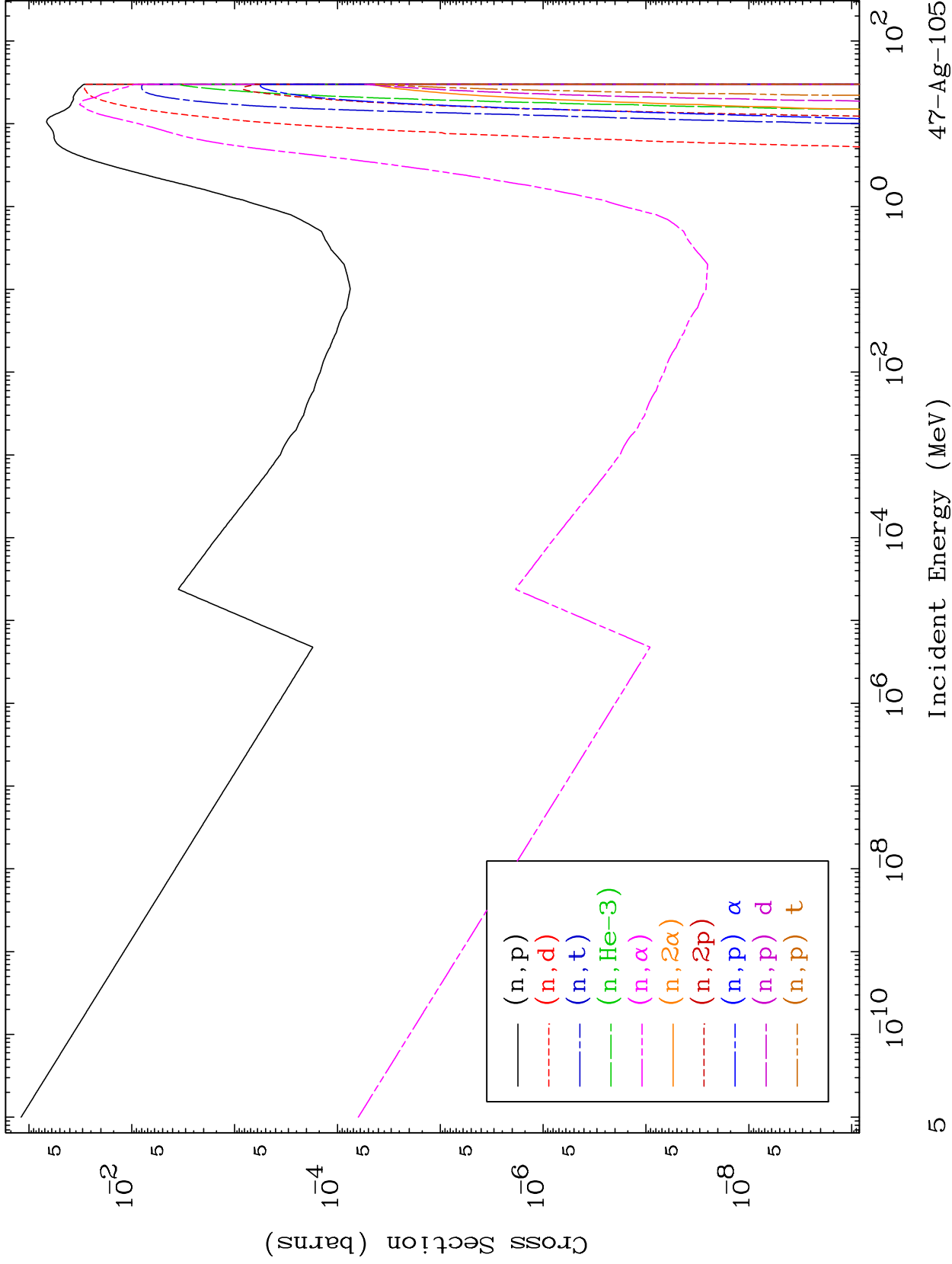




MAT 4719

Charged Particle  
293 Kelvin Cross Sections

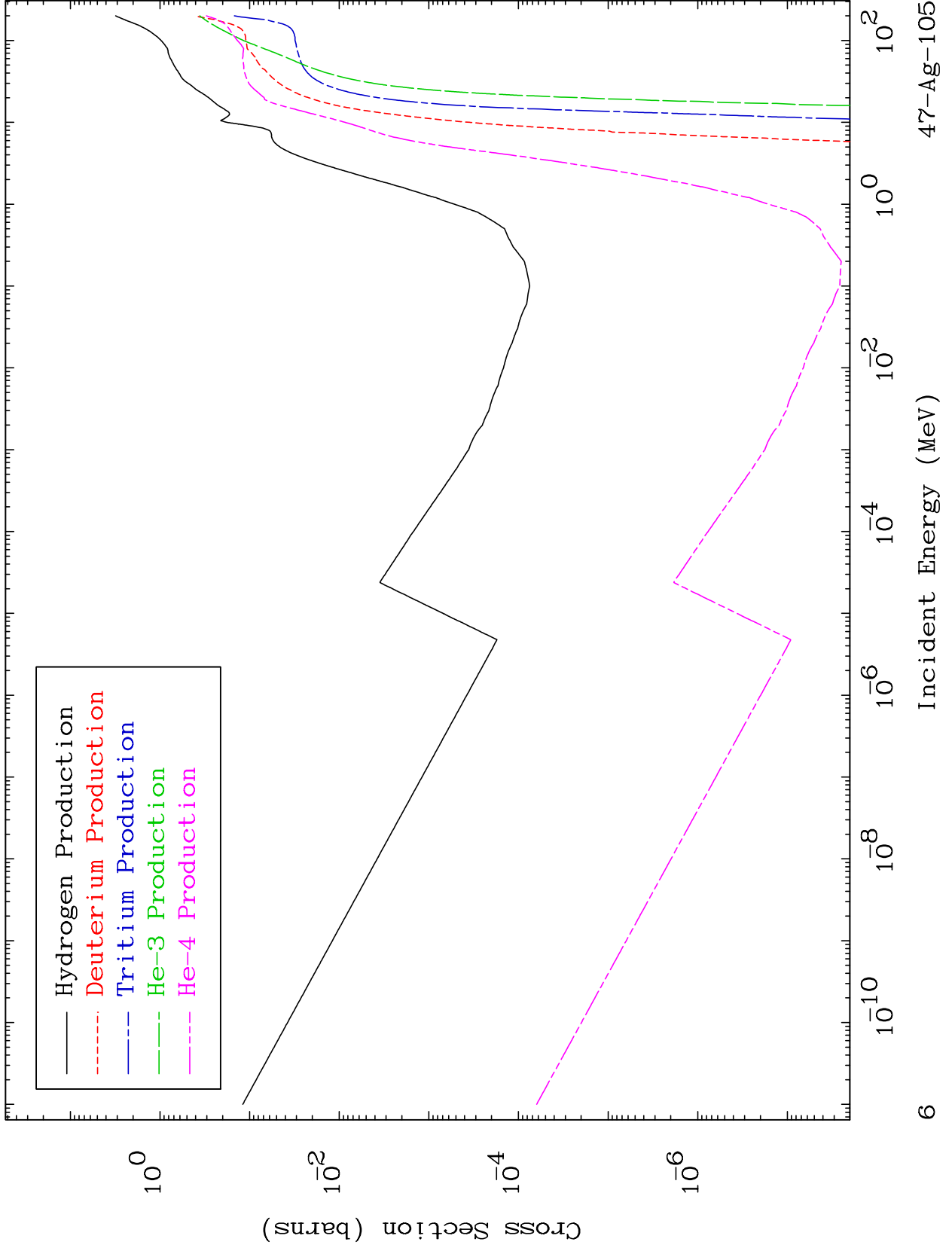
47-Ag-105

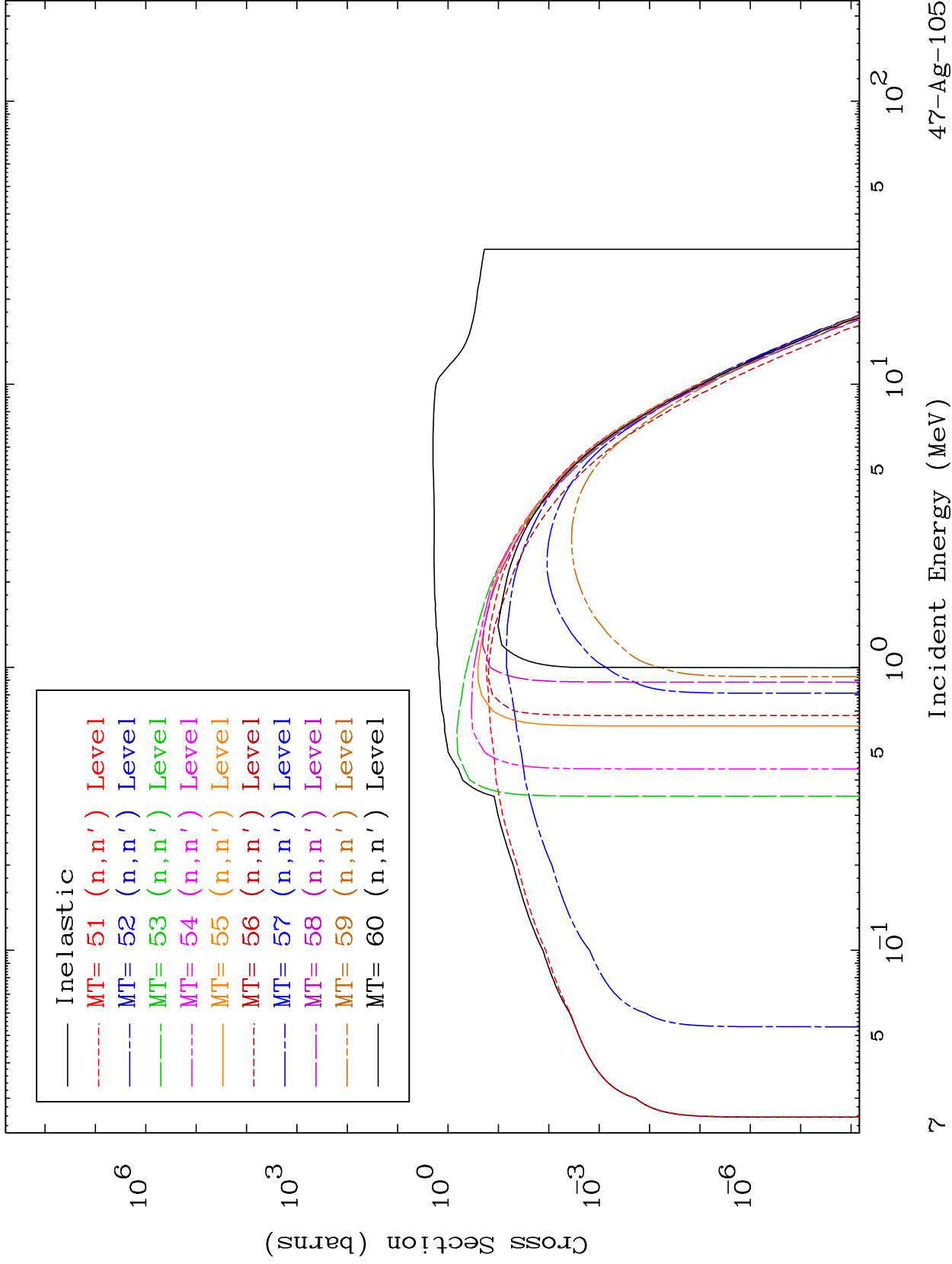


MAT 4719

Particle Production  
293 Kelvin Cross Sections

47-Ag-105





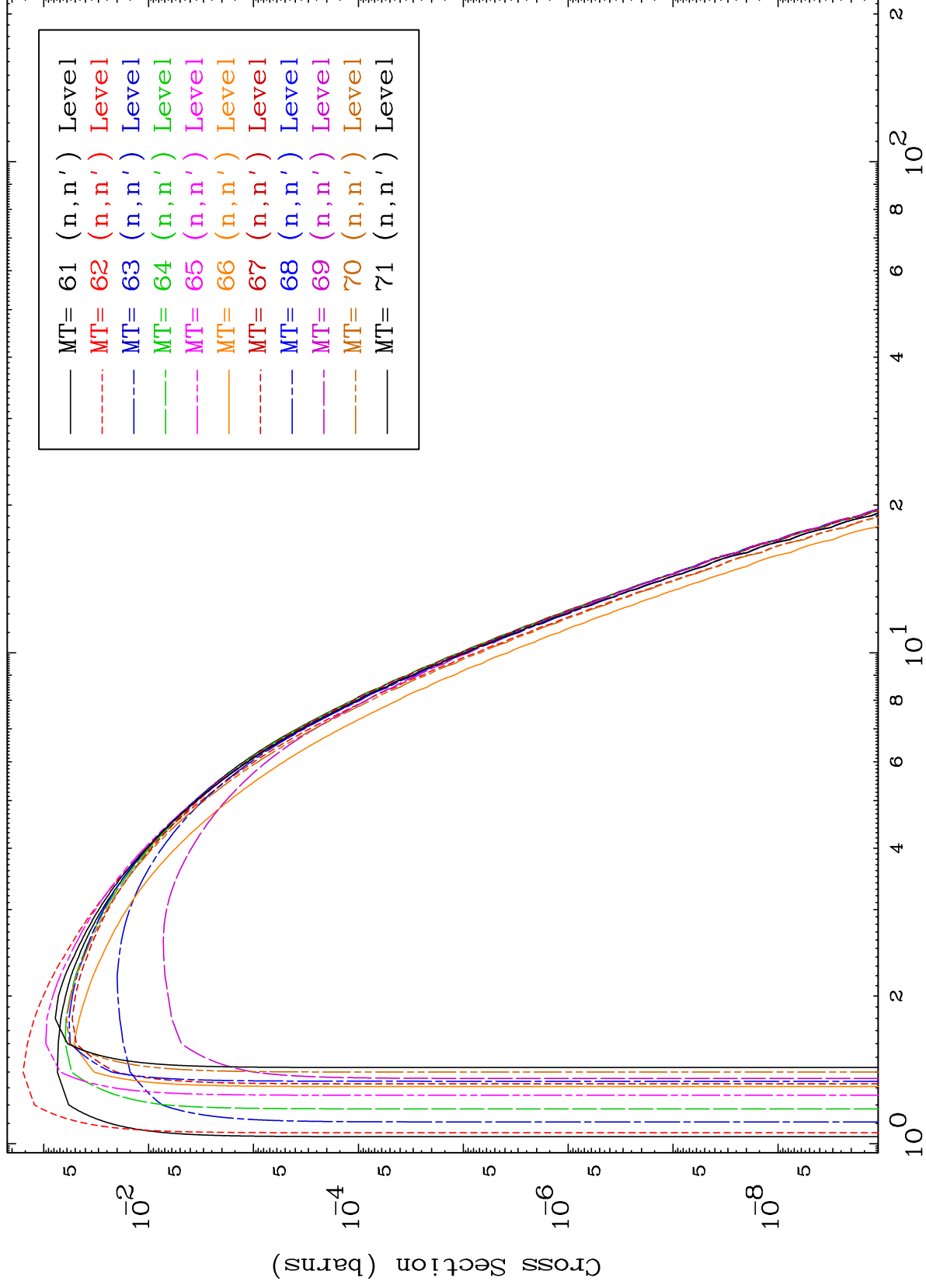


MAT 4719

(n,n') Level

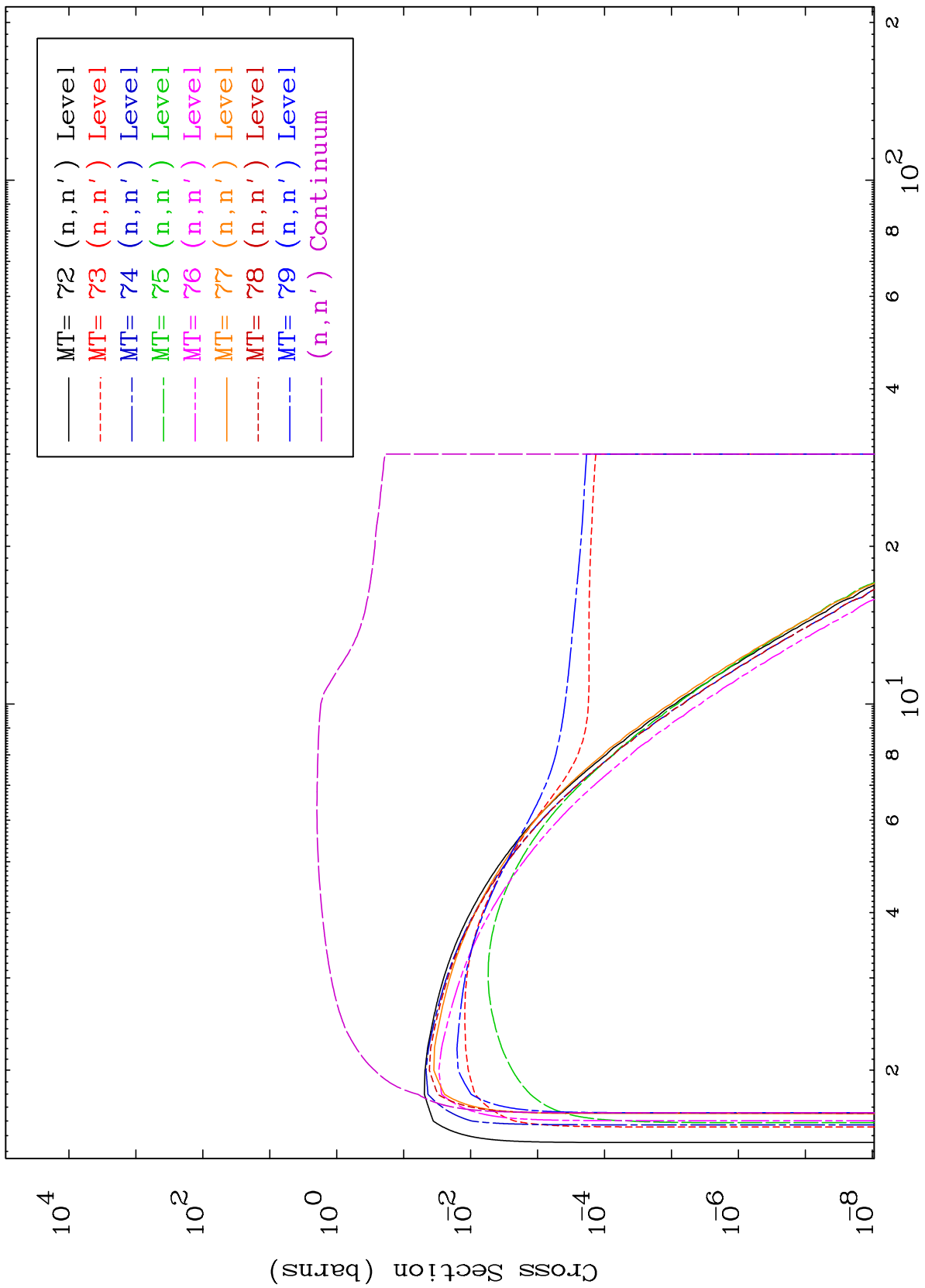
47-Ag-105

293 Kelvin Cross Sections



Incident Energy (MeV)

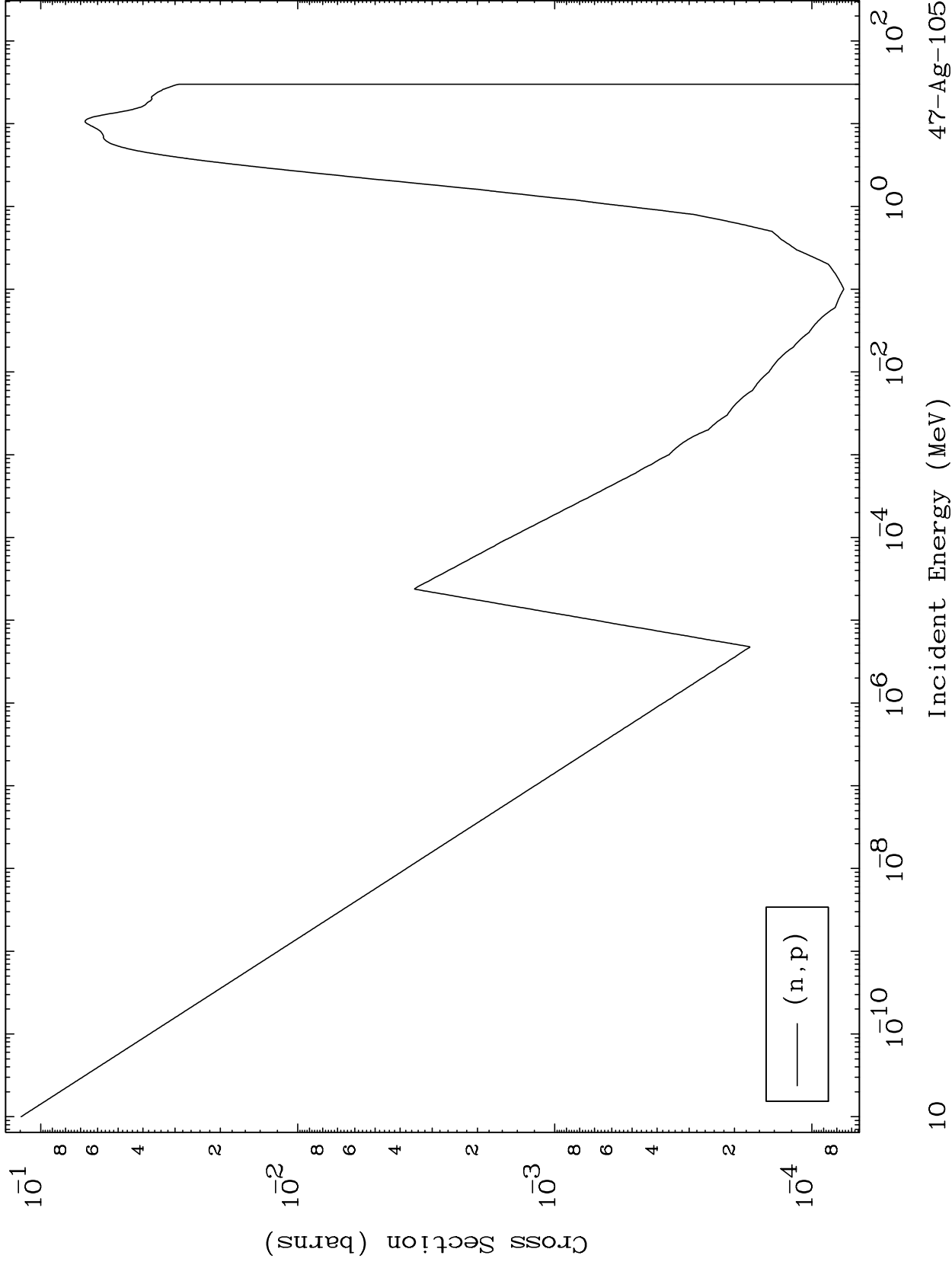
47-Ag-105



MAT 4719

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-105



10

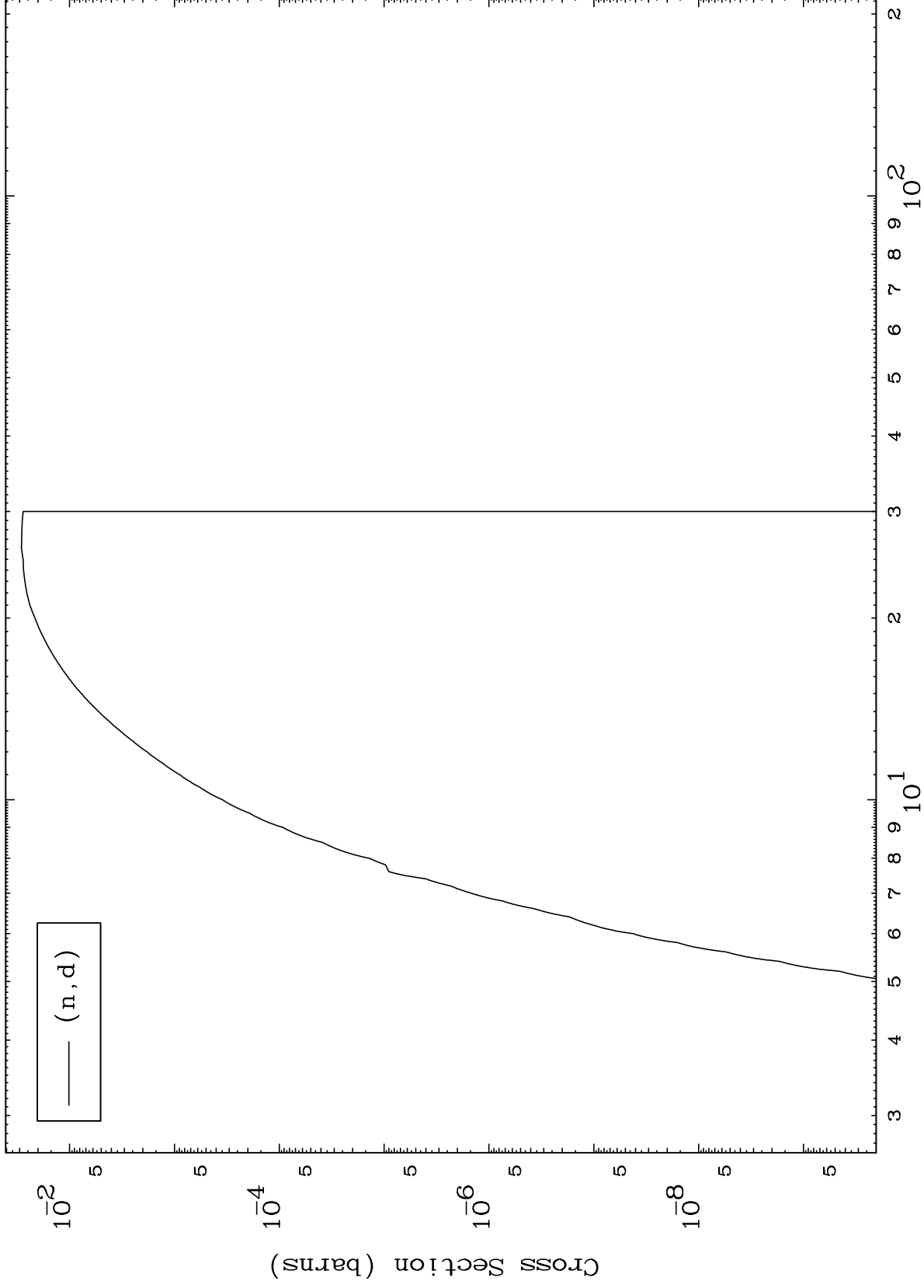
Incident Energy (MeV)

47-Ag-105

MAT 4719

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-105



11

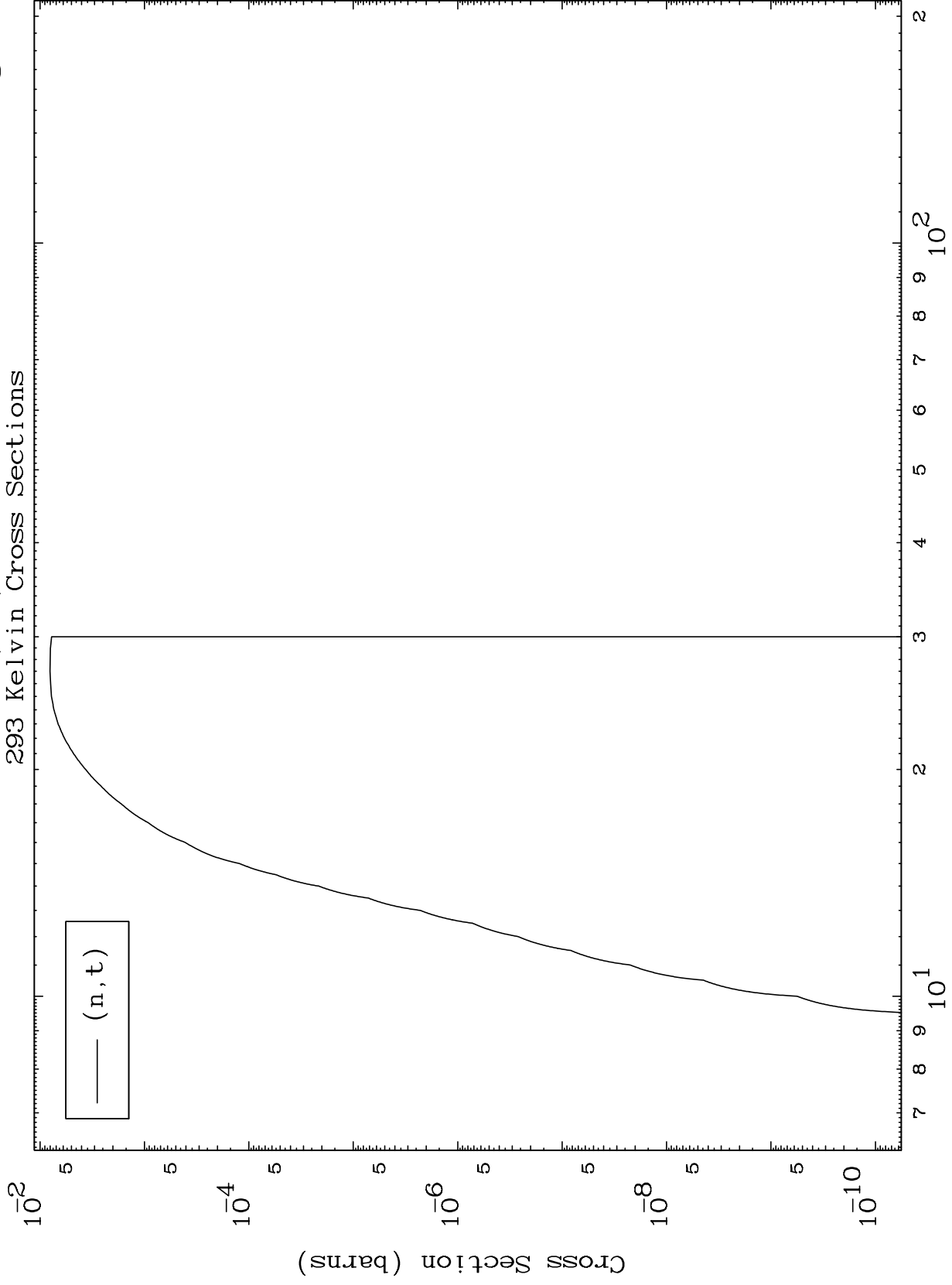
Incident Energy (MeV)

47-Ag-105

MAT 4719

(n,t) Levels  
293 Kelvin Cross Sections

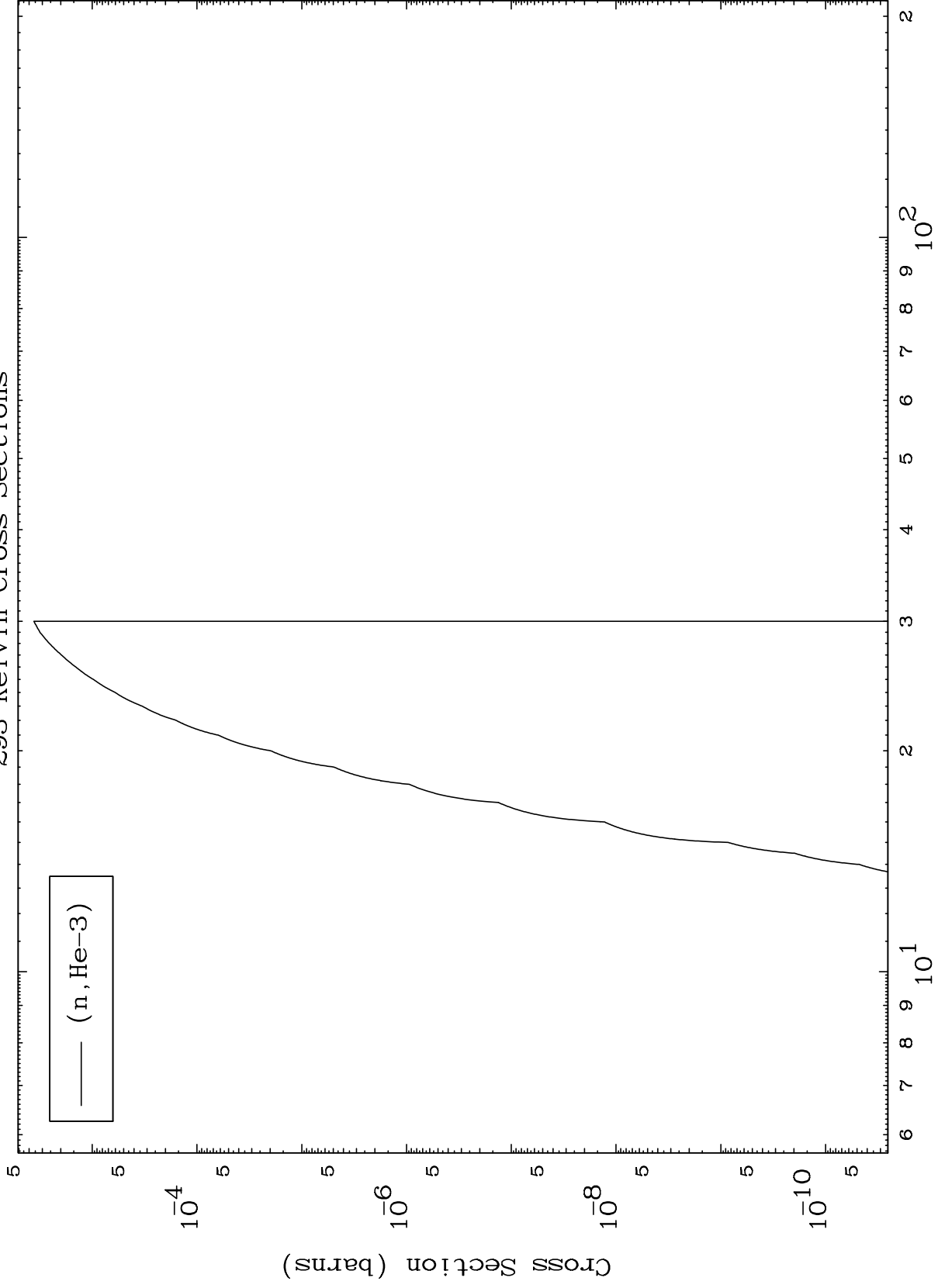
47-Ag-105



MAT 4719

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-105



13

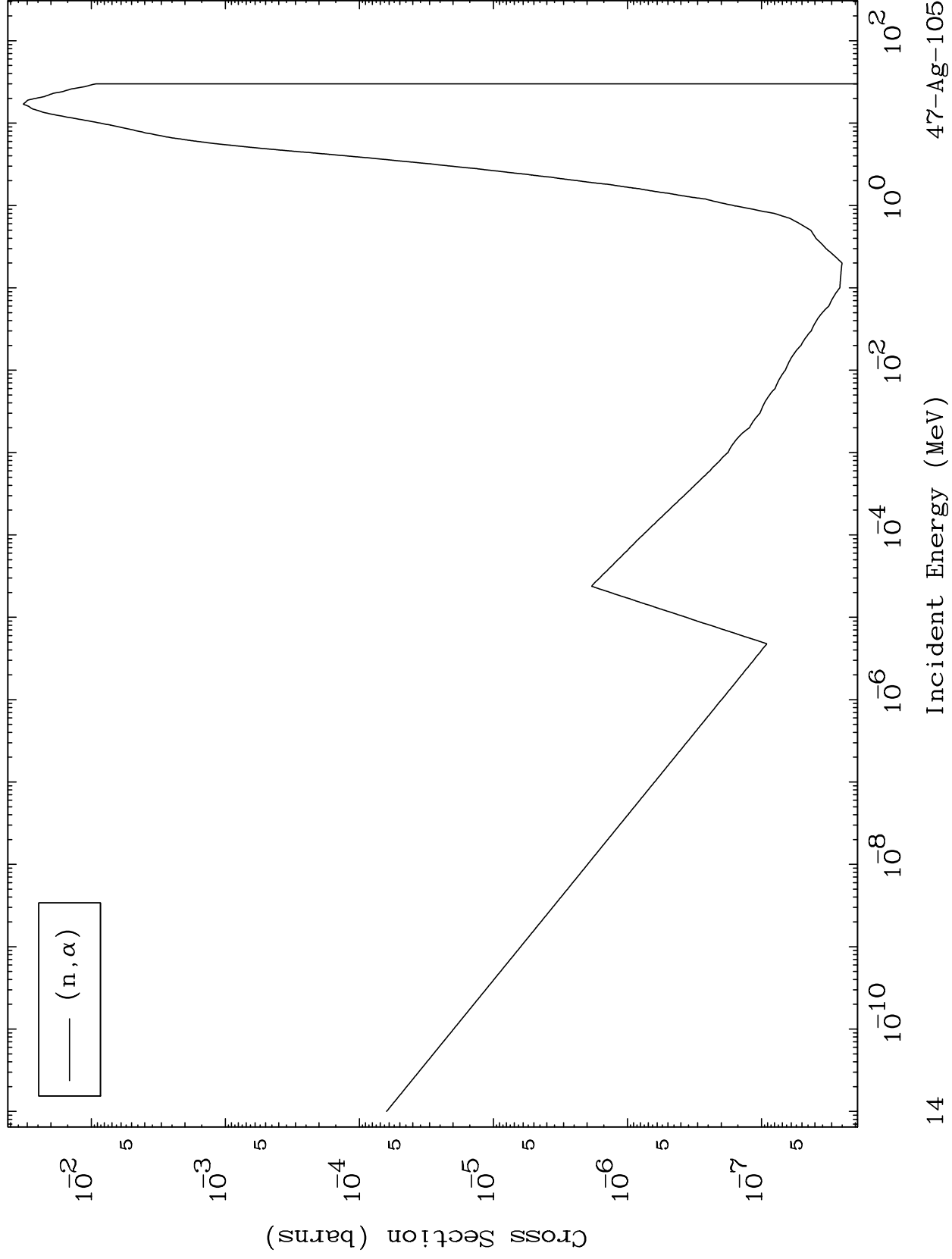
Incident Energy (MeV)

47-Ag-105

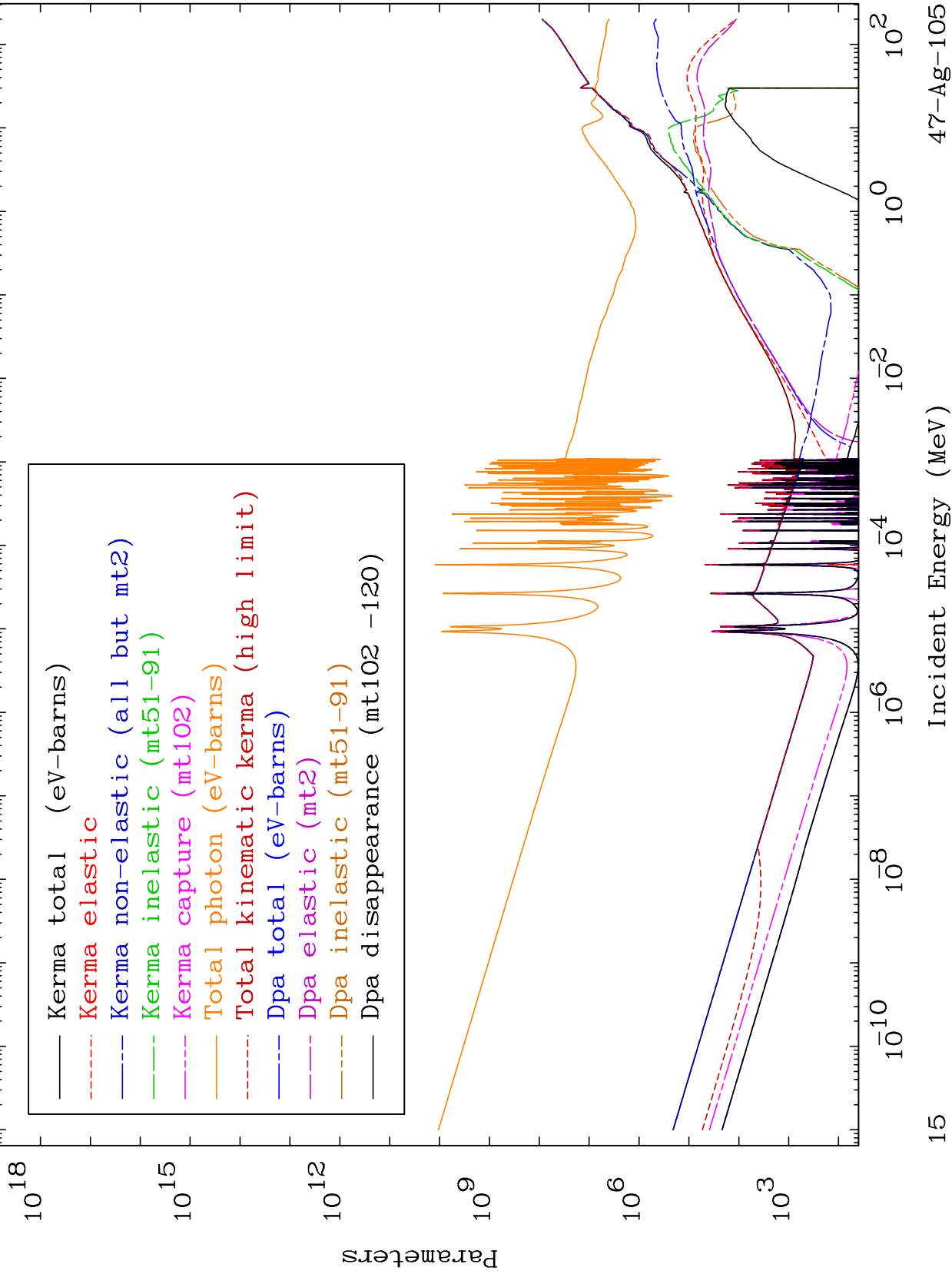
MAT 4719

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

47-Ag-105



14

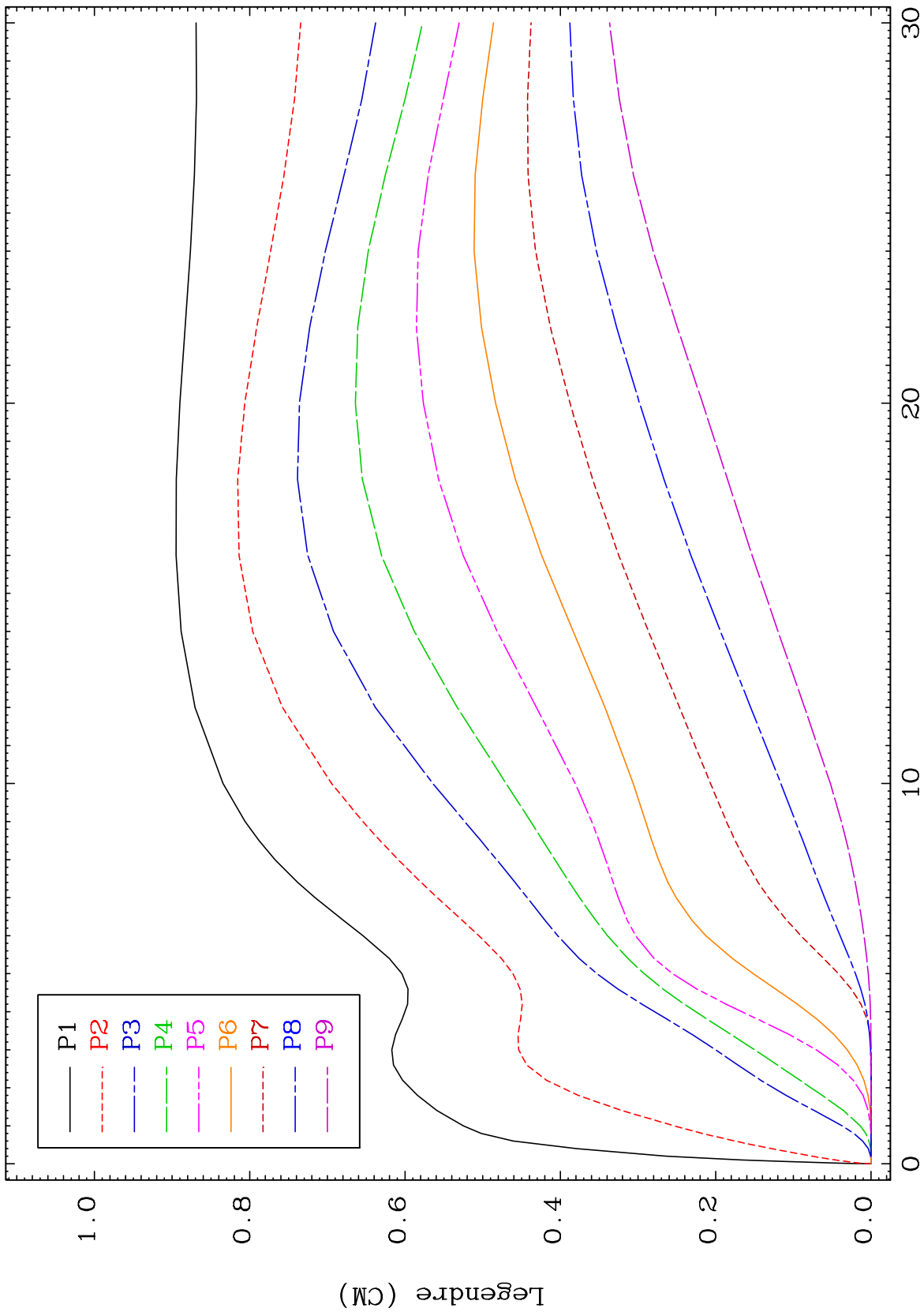




MAT 4719

Elastic Legendre Coefficients

47-Ag-105



16

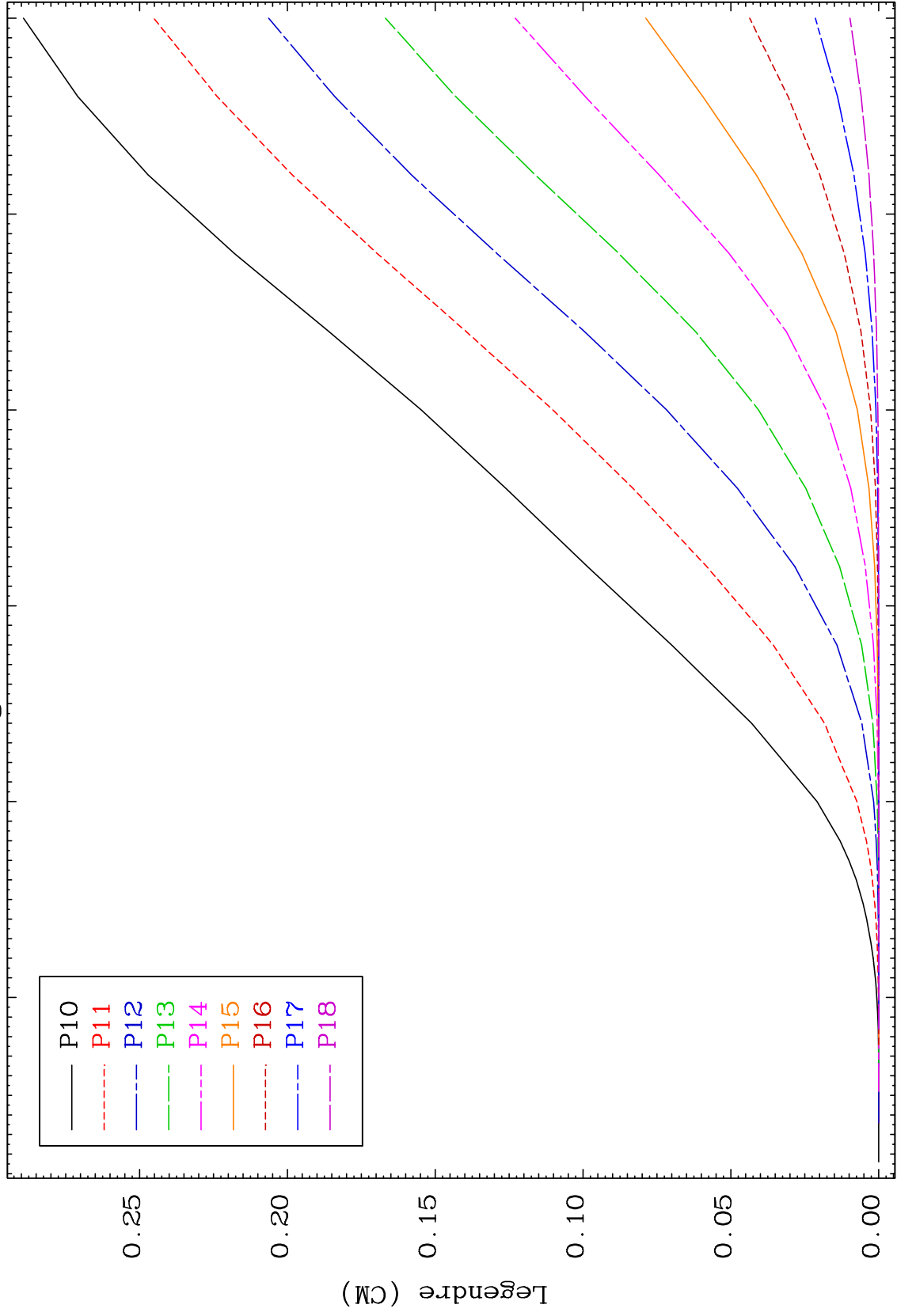
Incident Energy (MeV)

47-Ag-105

MAT 4719

Elastic Legendre Coefficients

47-Ag-105



17

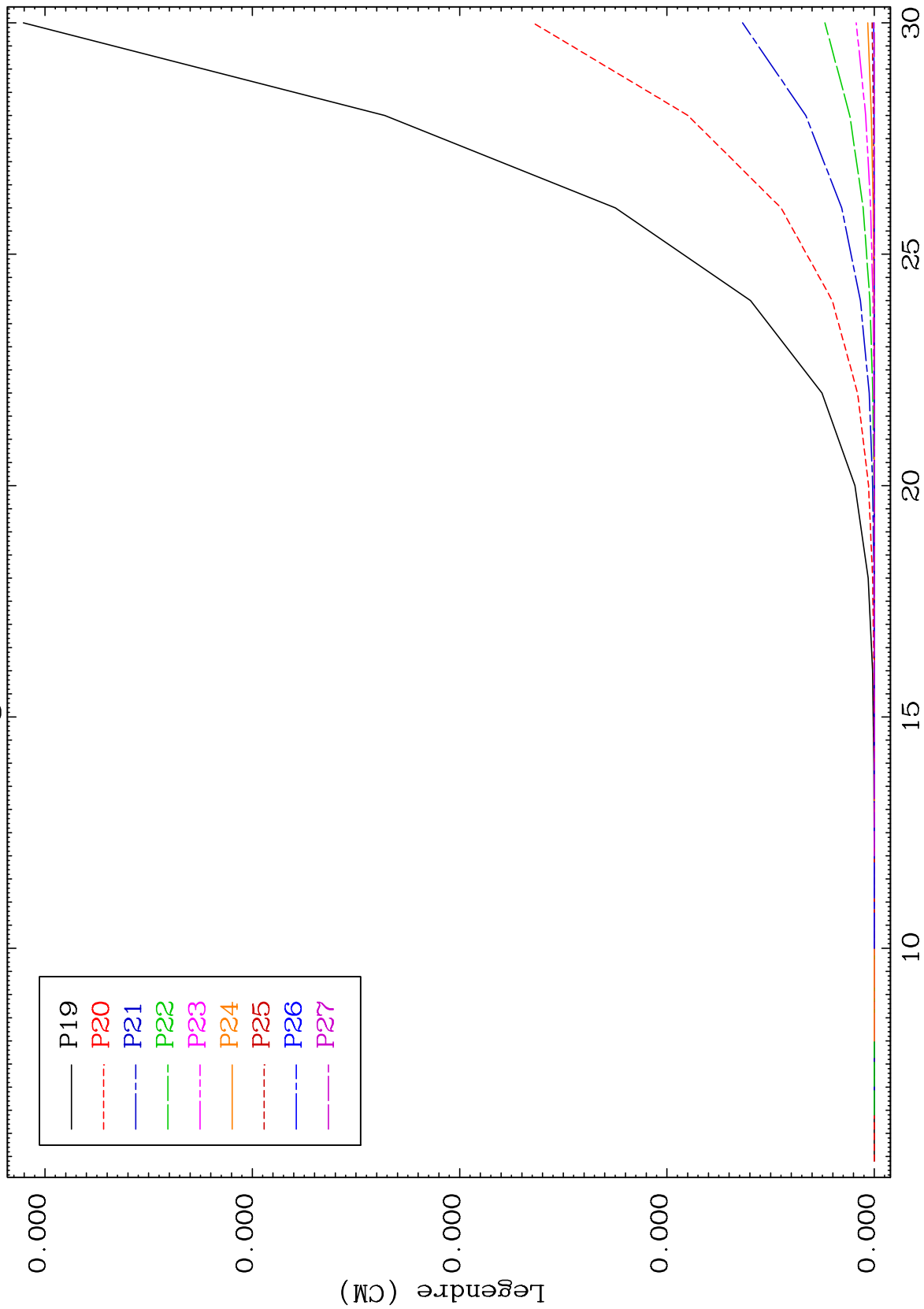
Incident Energy (MeV)

47-Ag-105

MAT 4719

### Elastic Legendre Coefficients

47-Ag-105



18

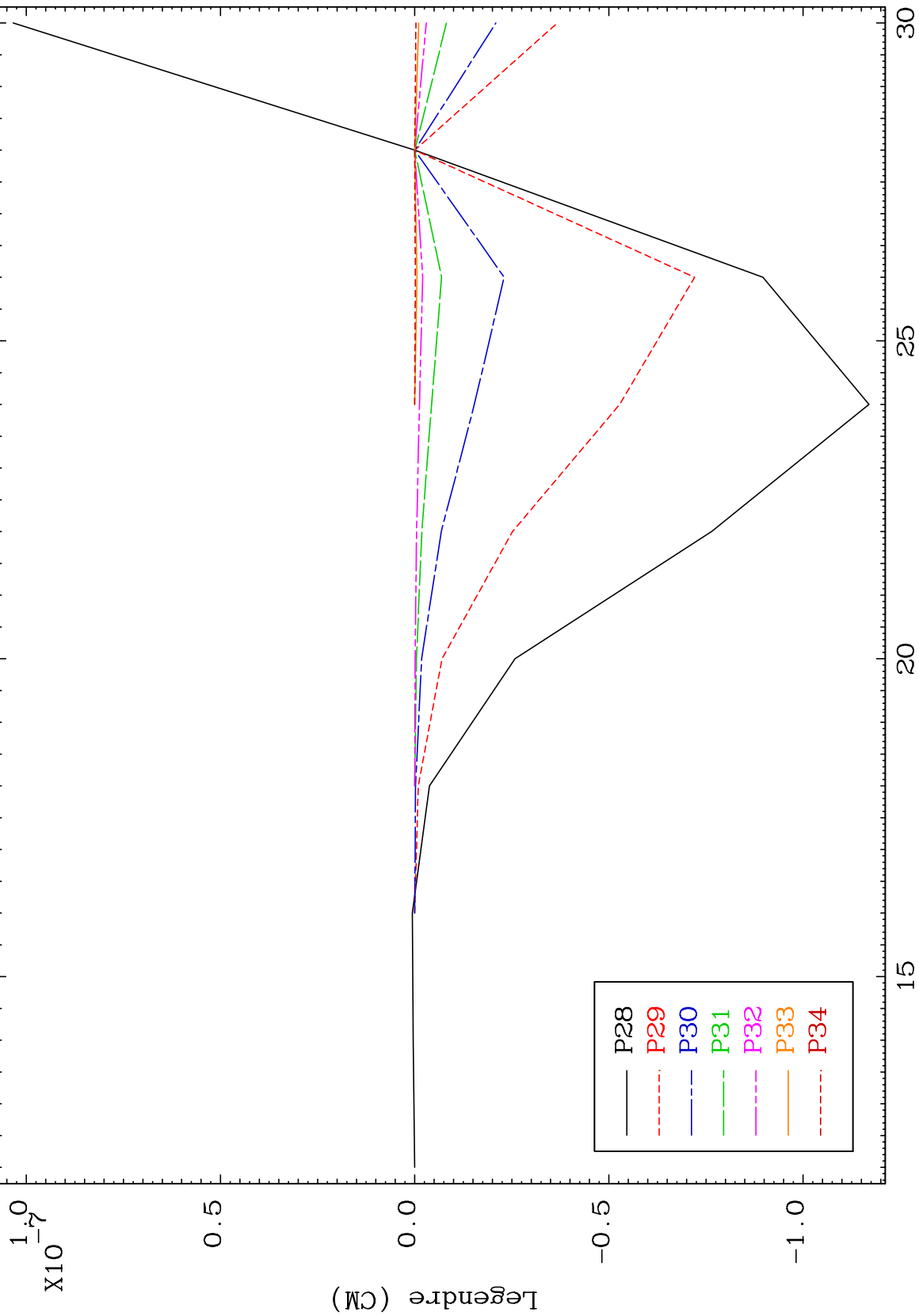
Incident Energy (MeV)

47-Ag-105

MAT 4719

Elastic Legendre Coefficients

47-Ag-105



19

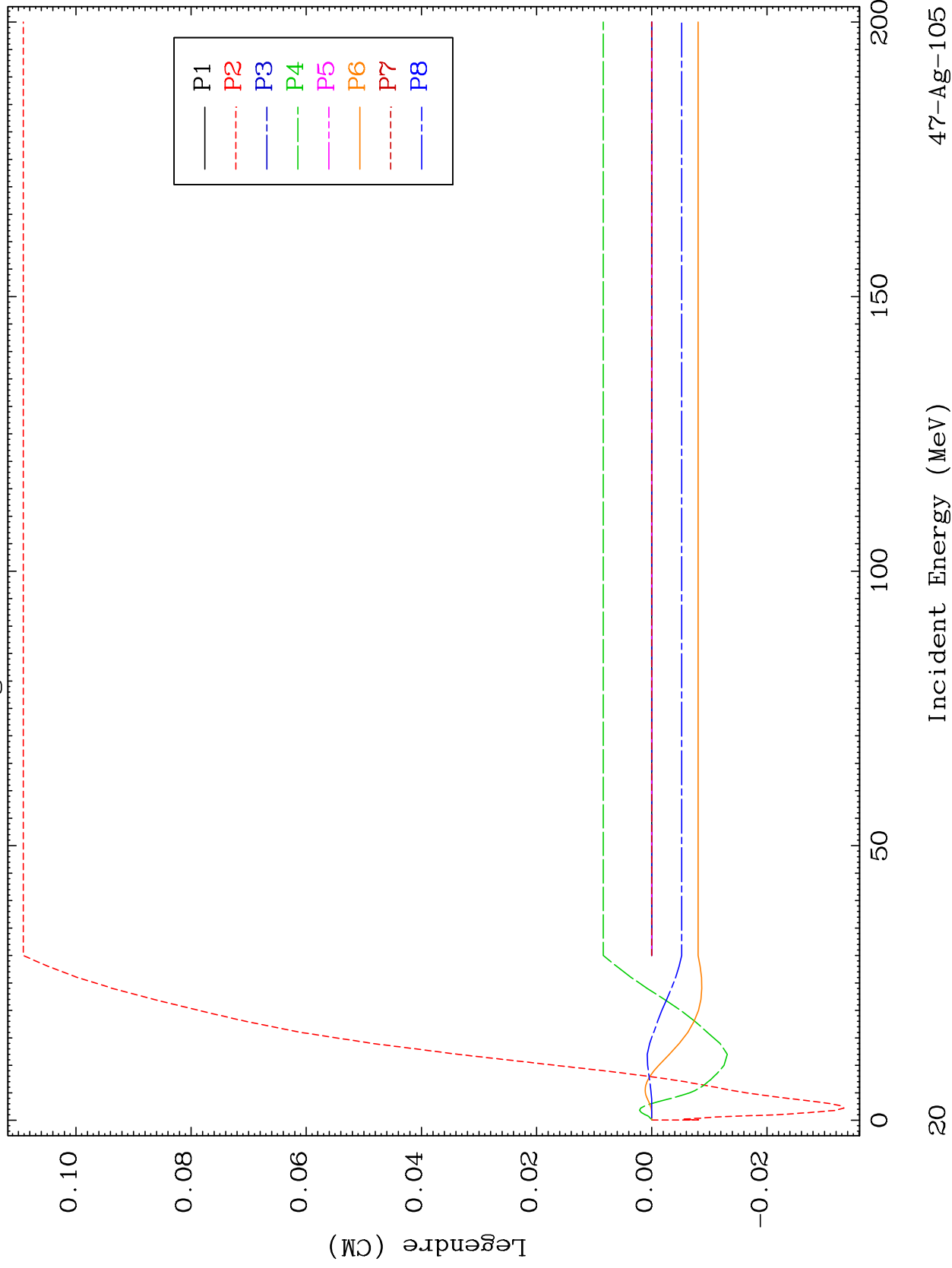
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

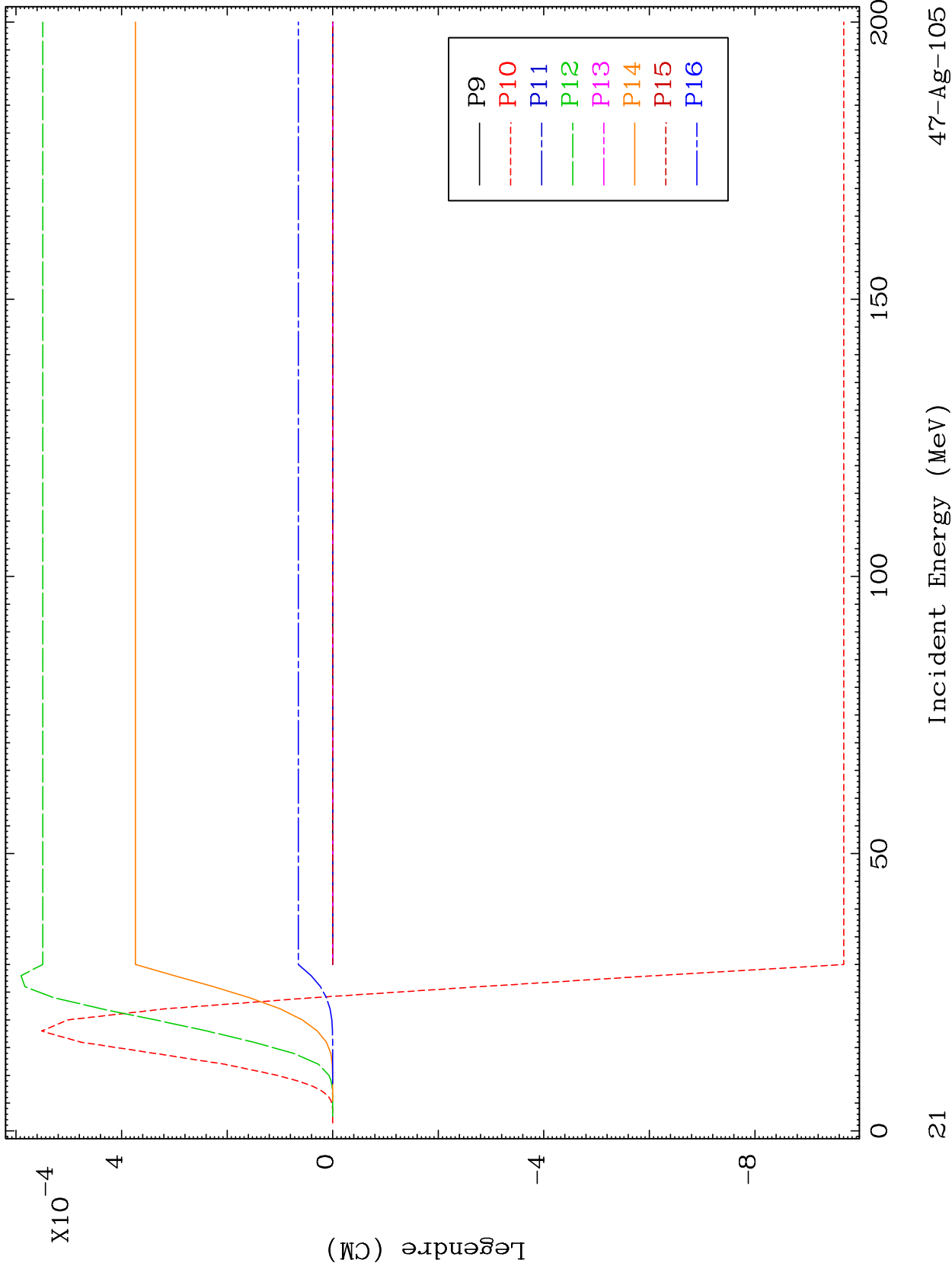
47-Ag-105



MAT 4719

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

47-Ag-105



47-Ag-105

Incident Energy (MeV)

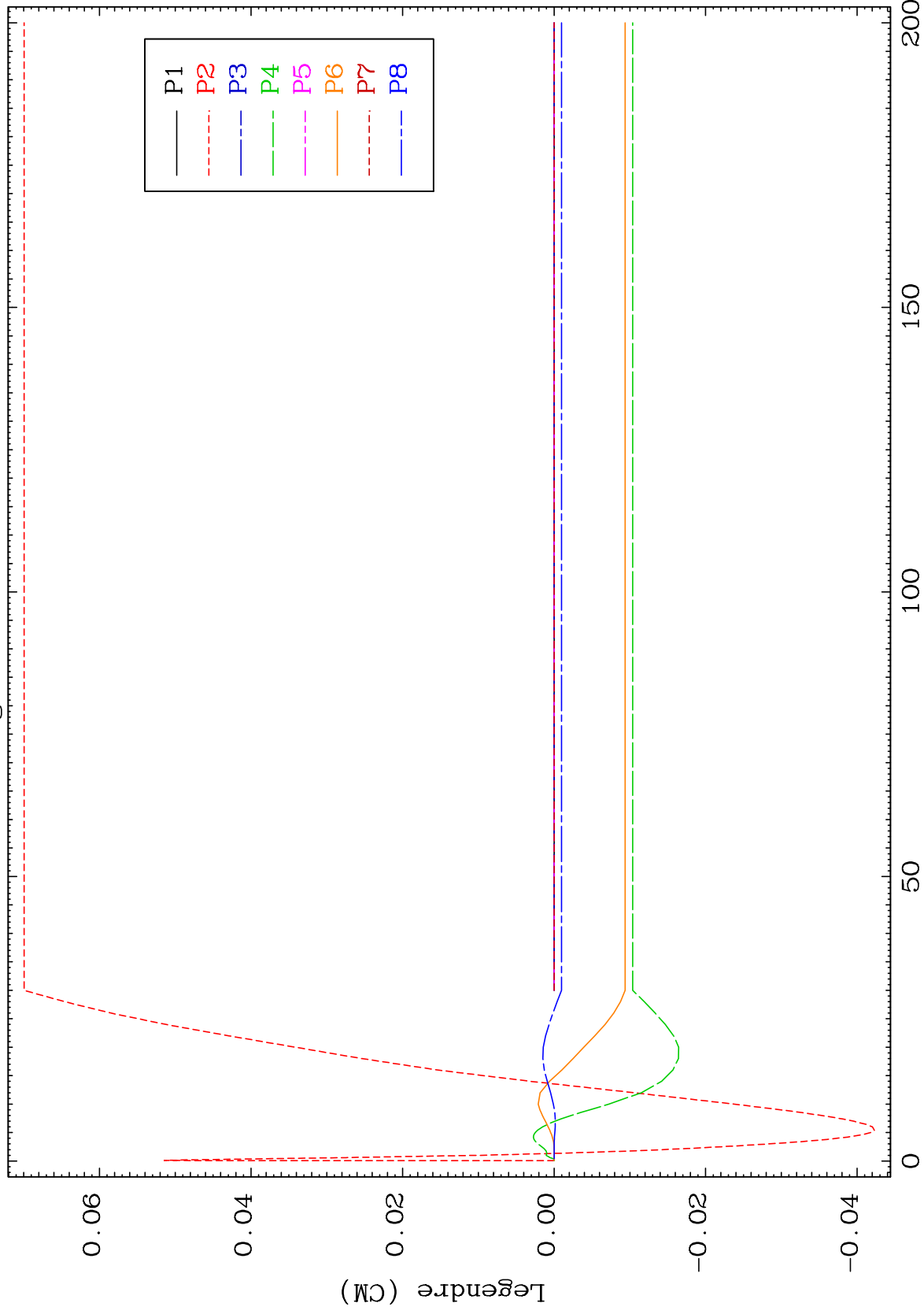
21



MAT 4719

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

47-Ag-105



23

Incident Energy (MeV)

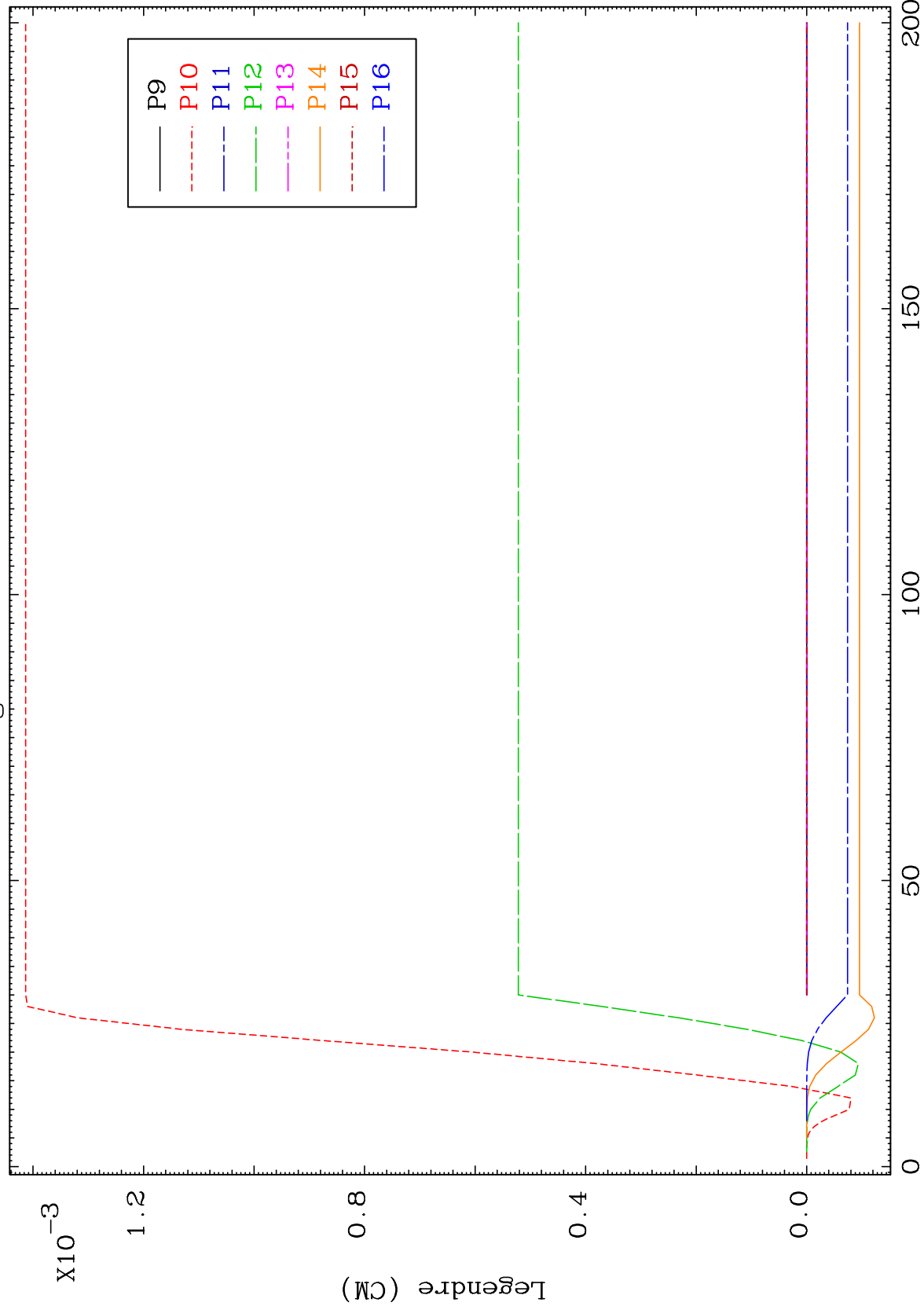
47-Ag-105



MAT 4719

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

47-Ag-105



24

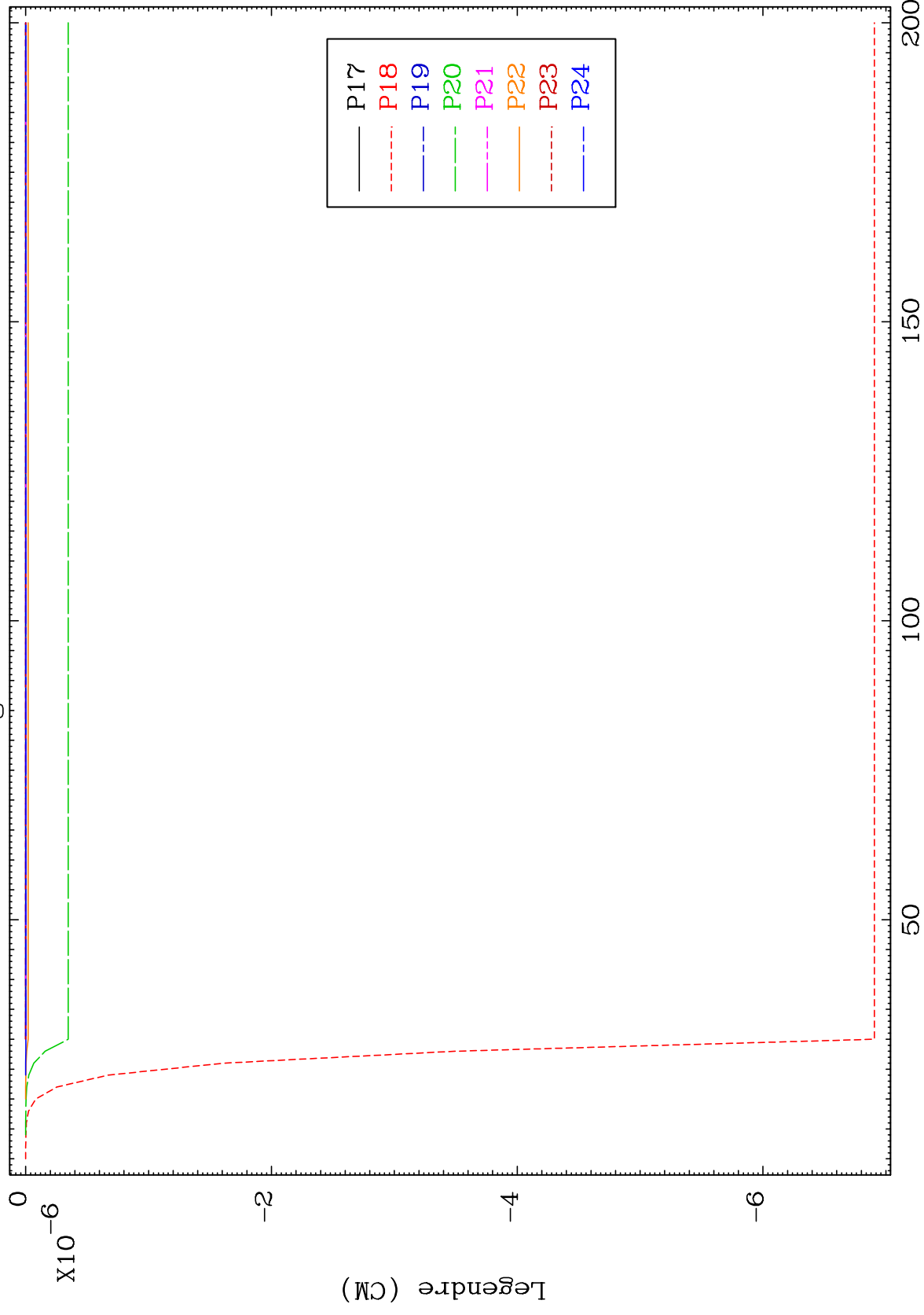
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



25

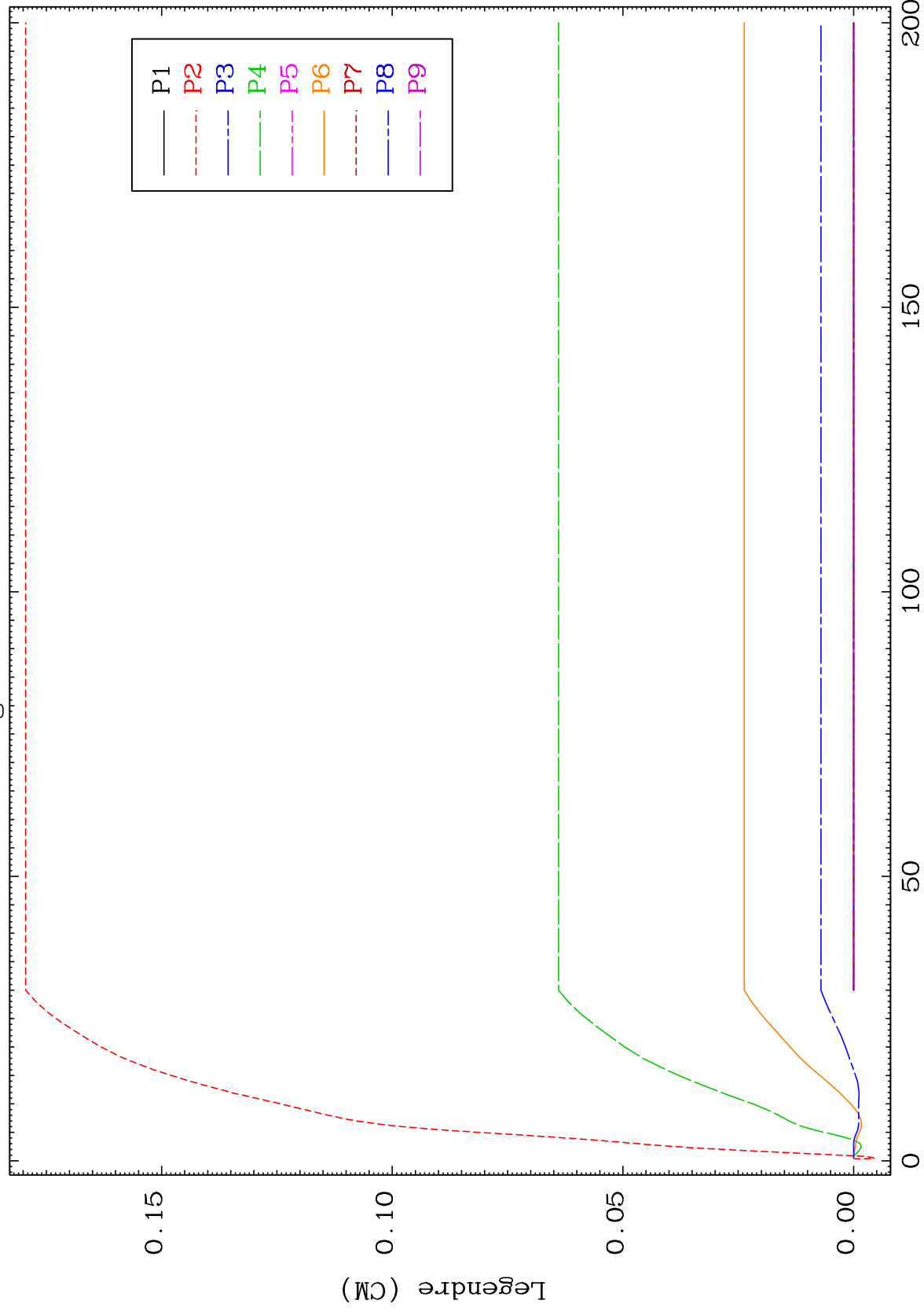
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



26

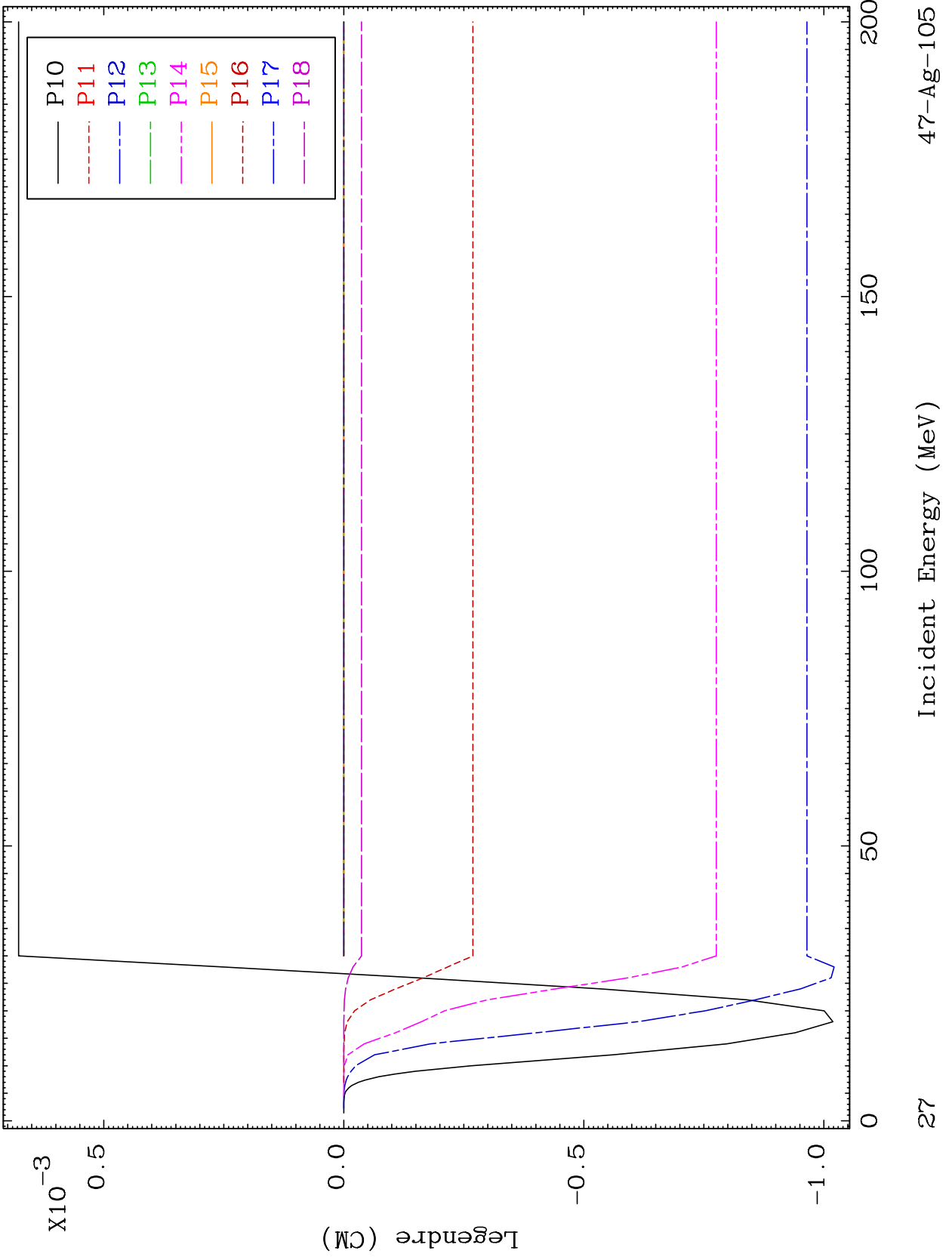
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



27

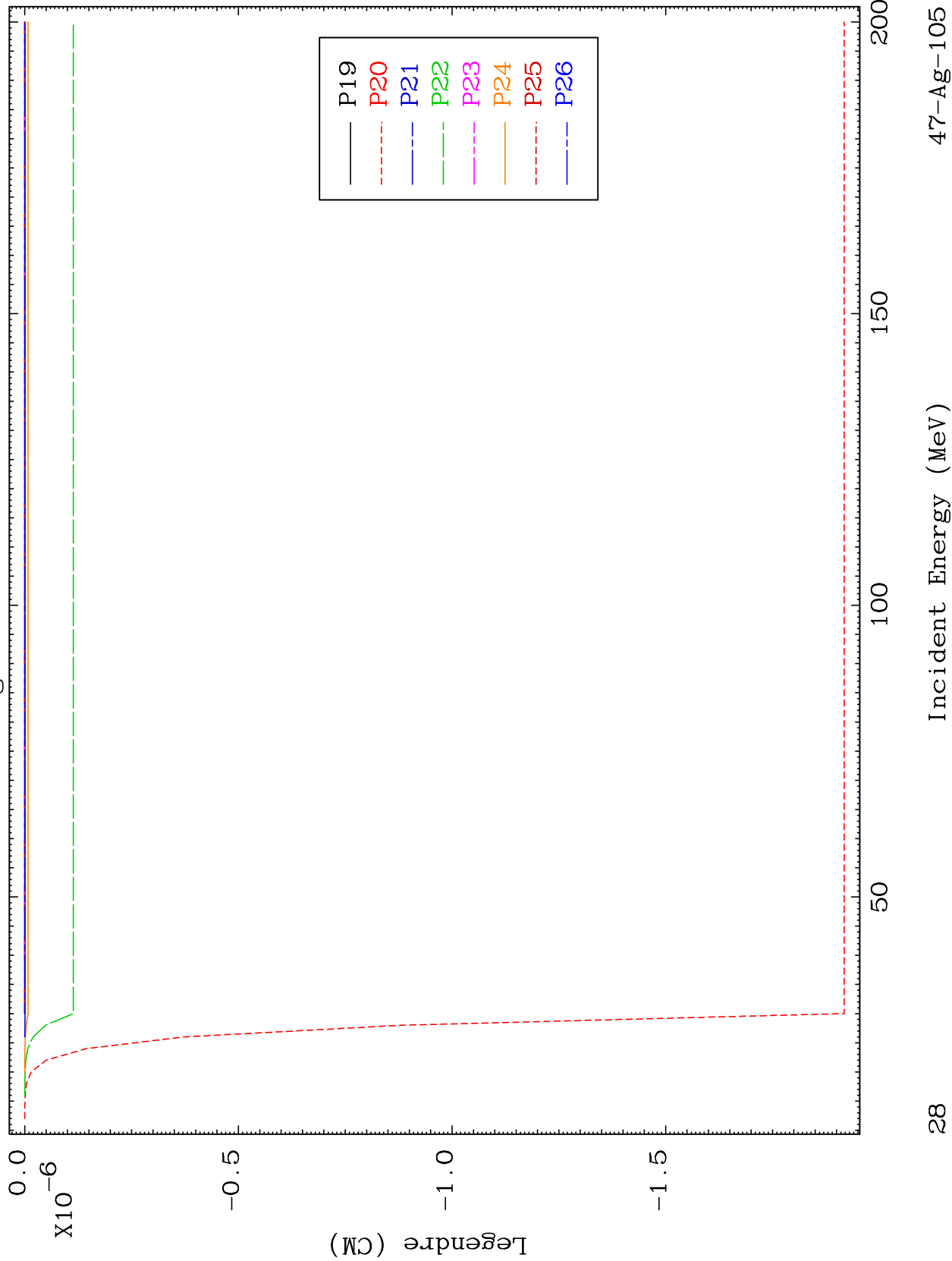
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



28

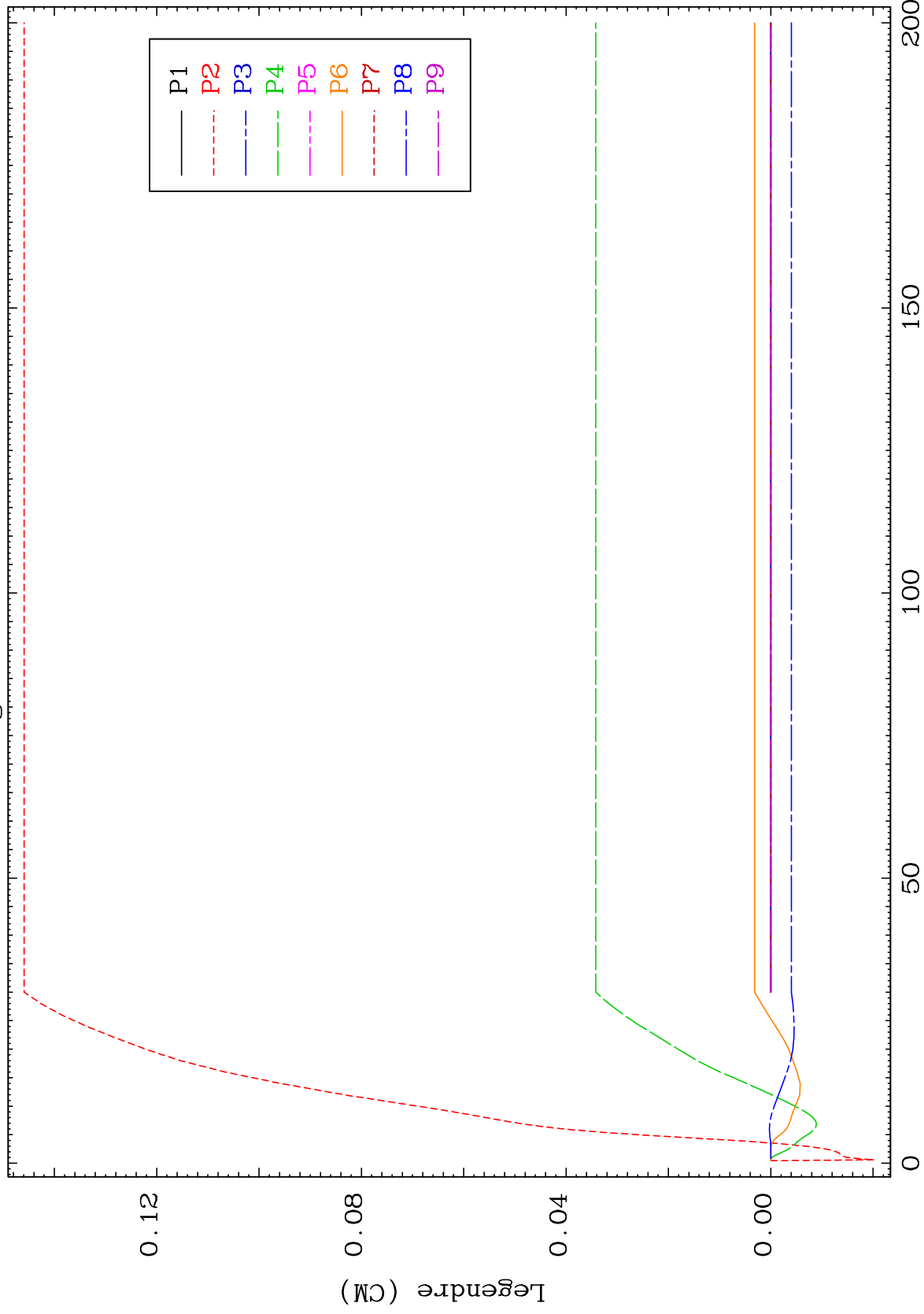
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



29

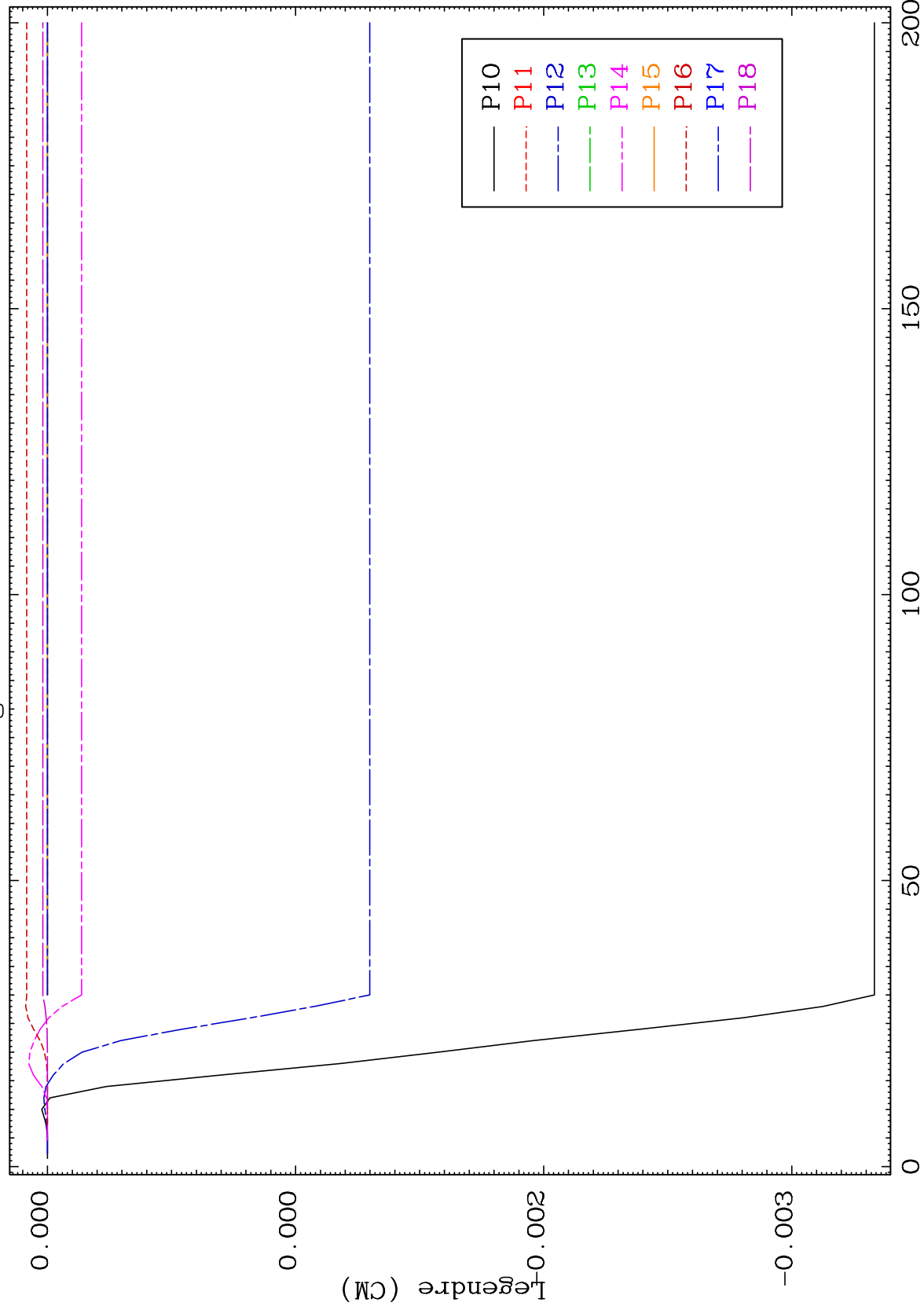
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



47-Ag-105

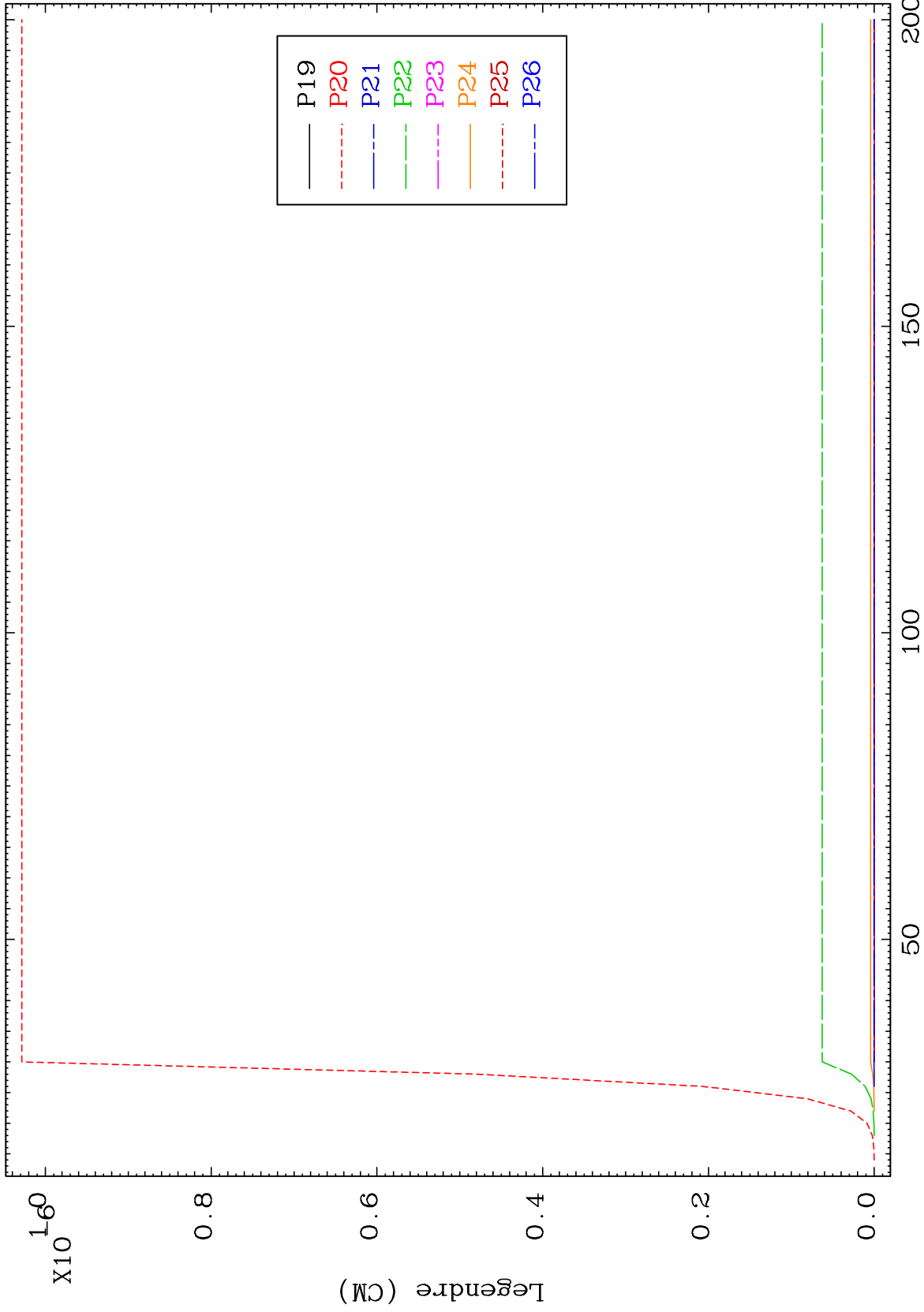
Incident Energy (MeV)

30

MAT 4719

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

47-Ag-105



31

Incident Energy (MeV)

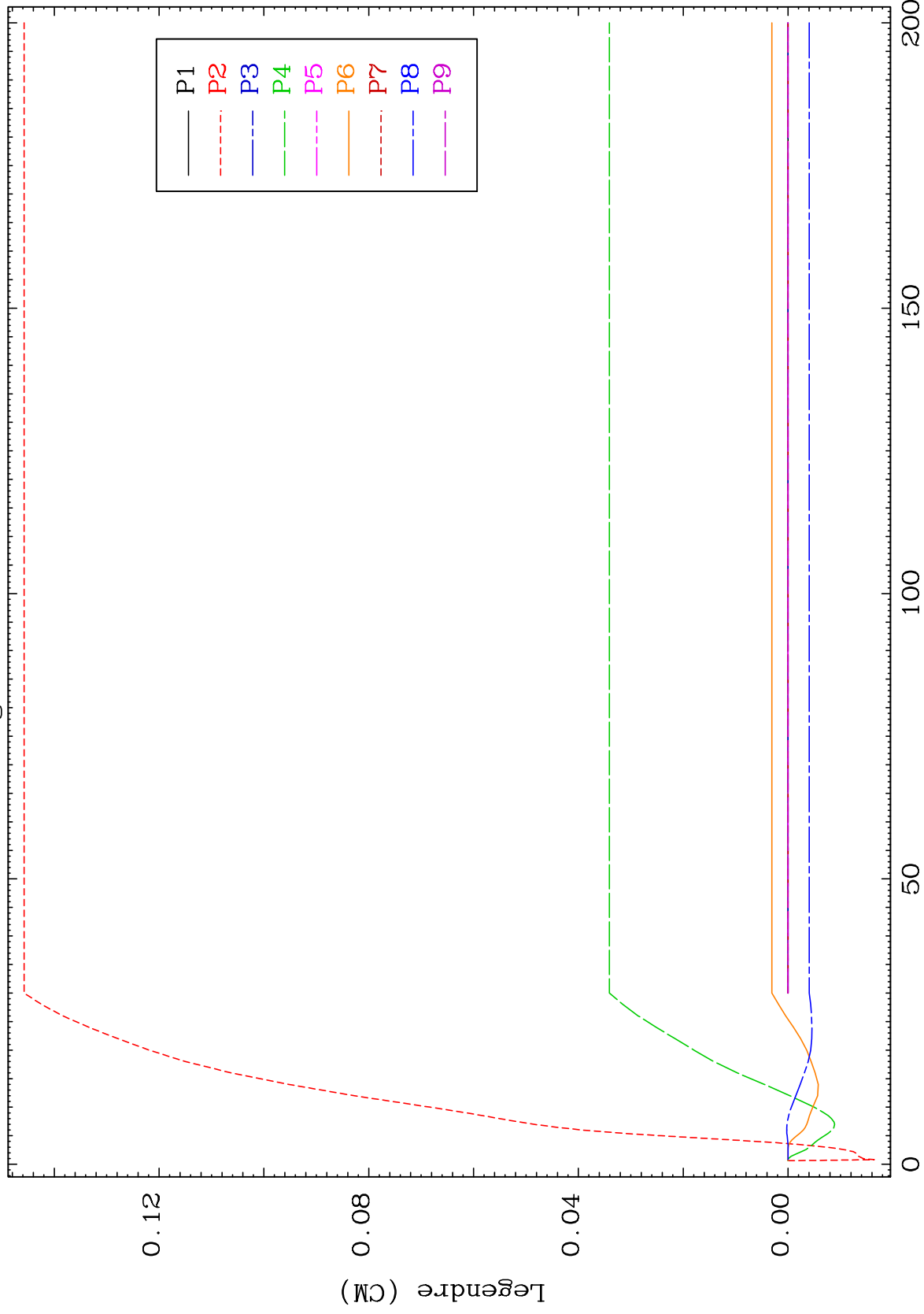
47-Ag-105



MAT 4719

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

47-Ag-105



32

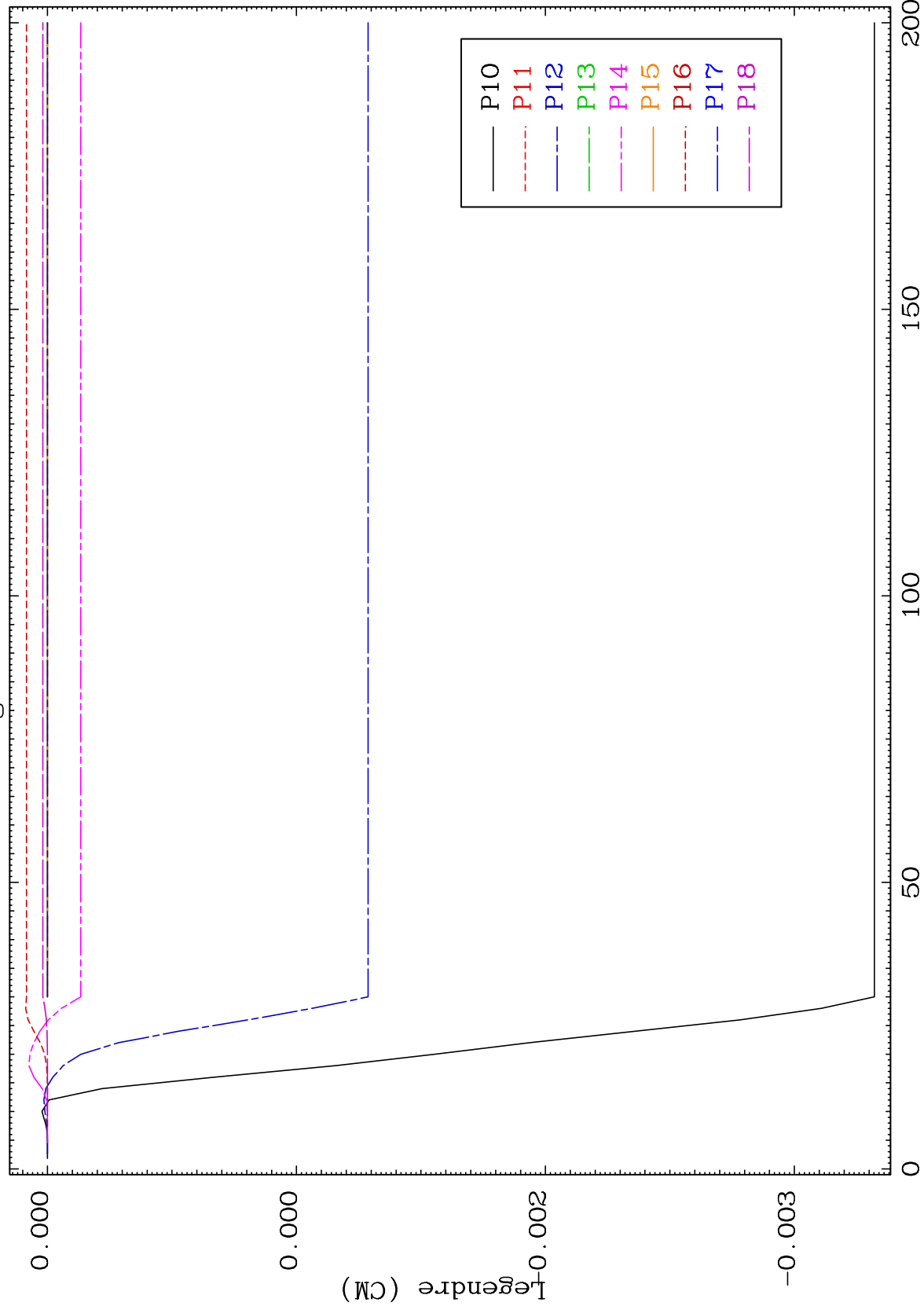
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105

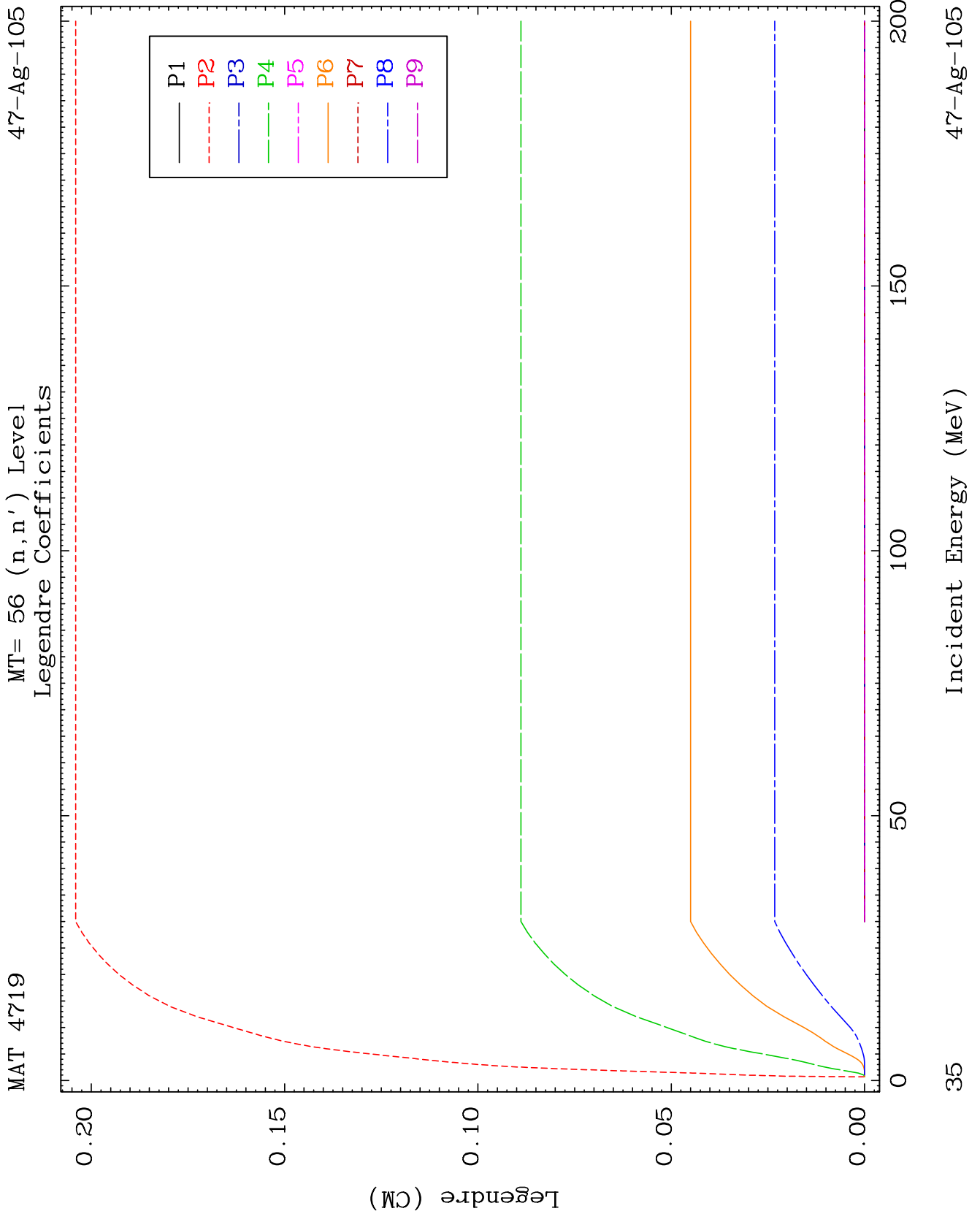


33

Incident Energy (MeV)

47-Ag-105

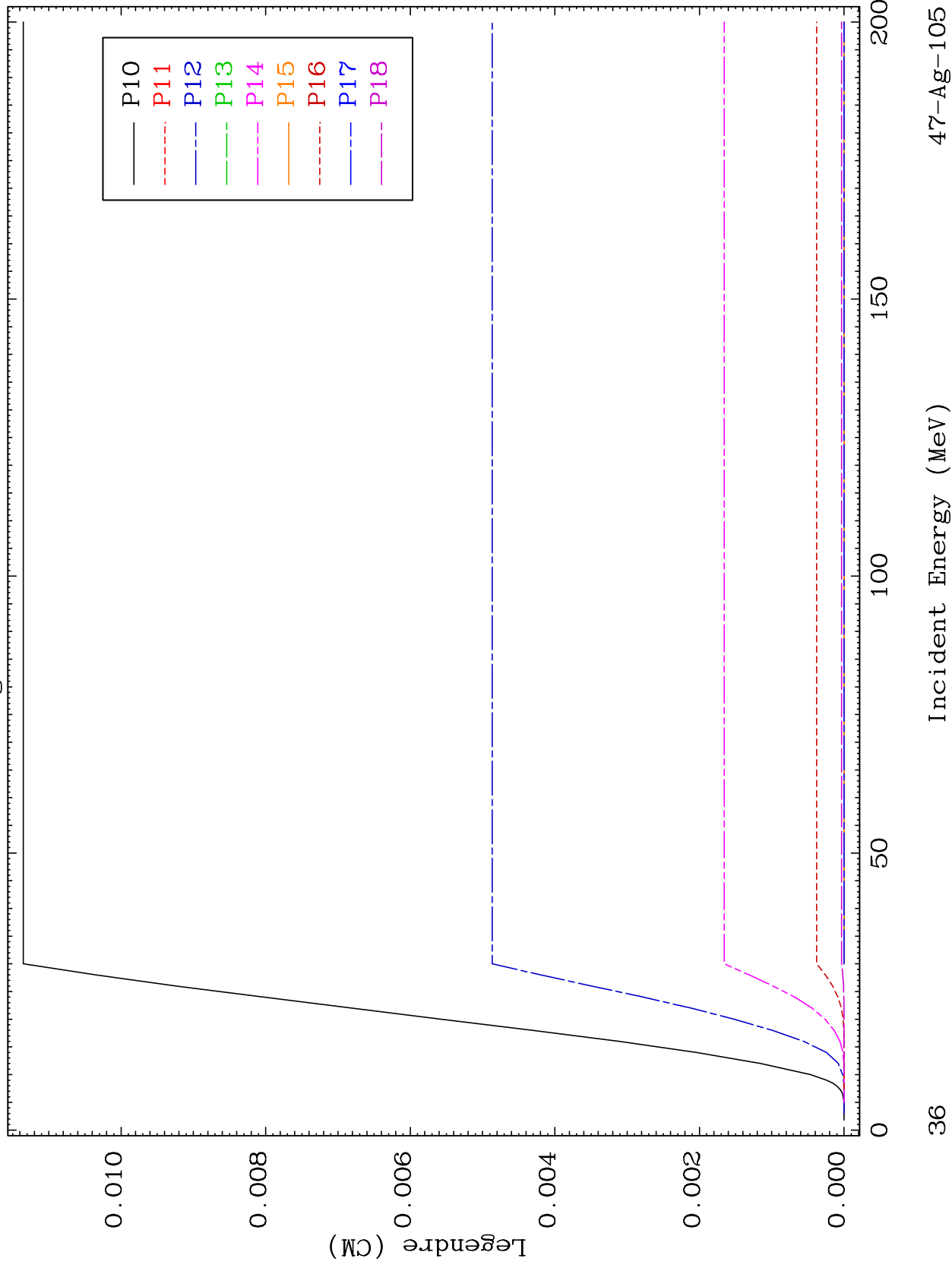




MAT 4719

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

47-Ag-105



36

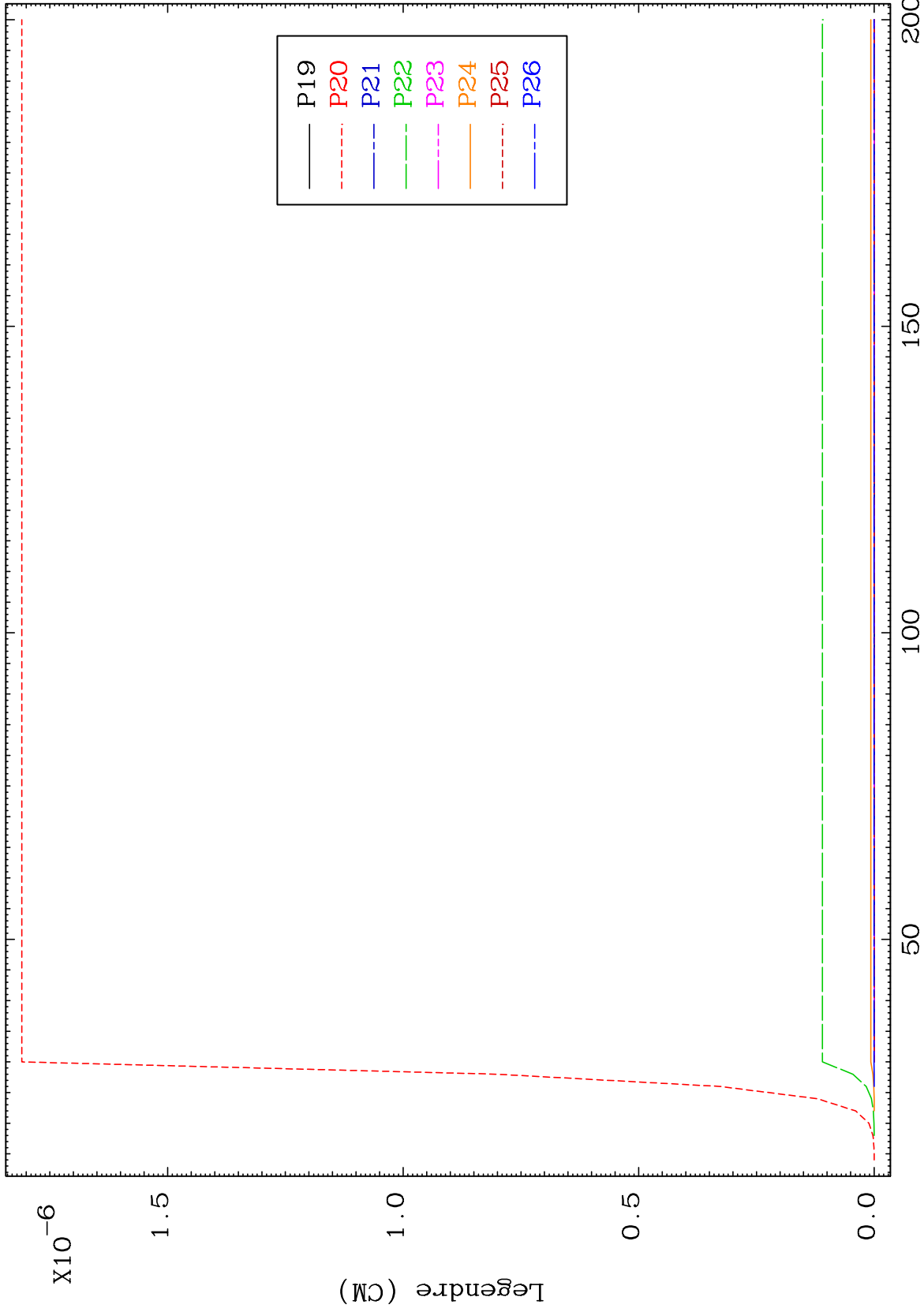
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



37

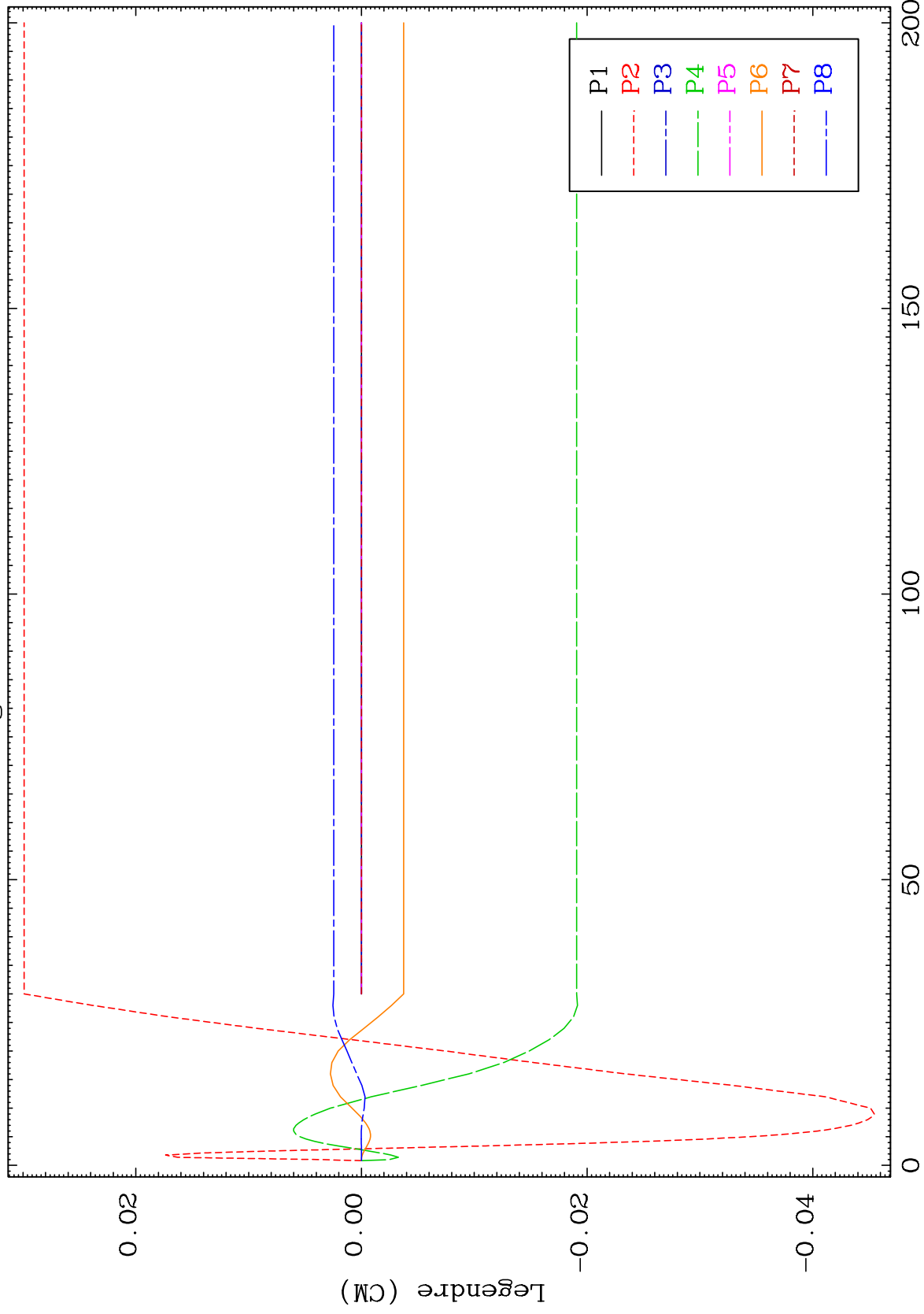
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



38

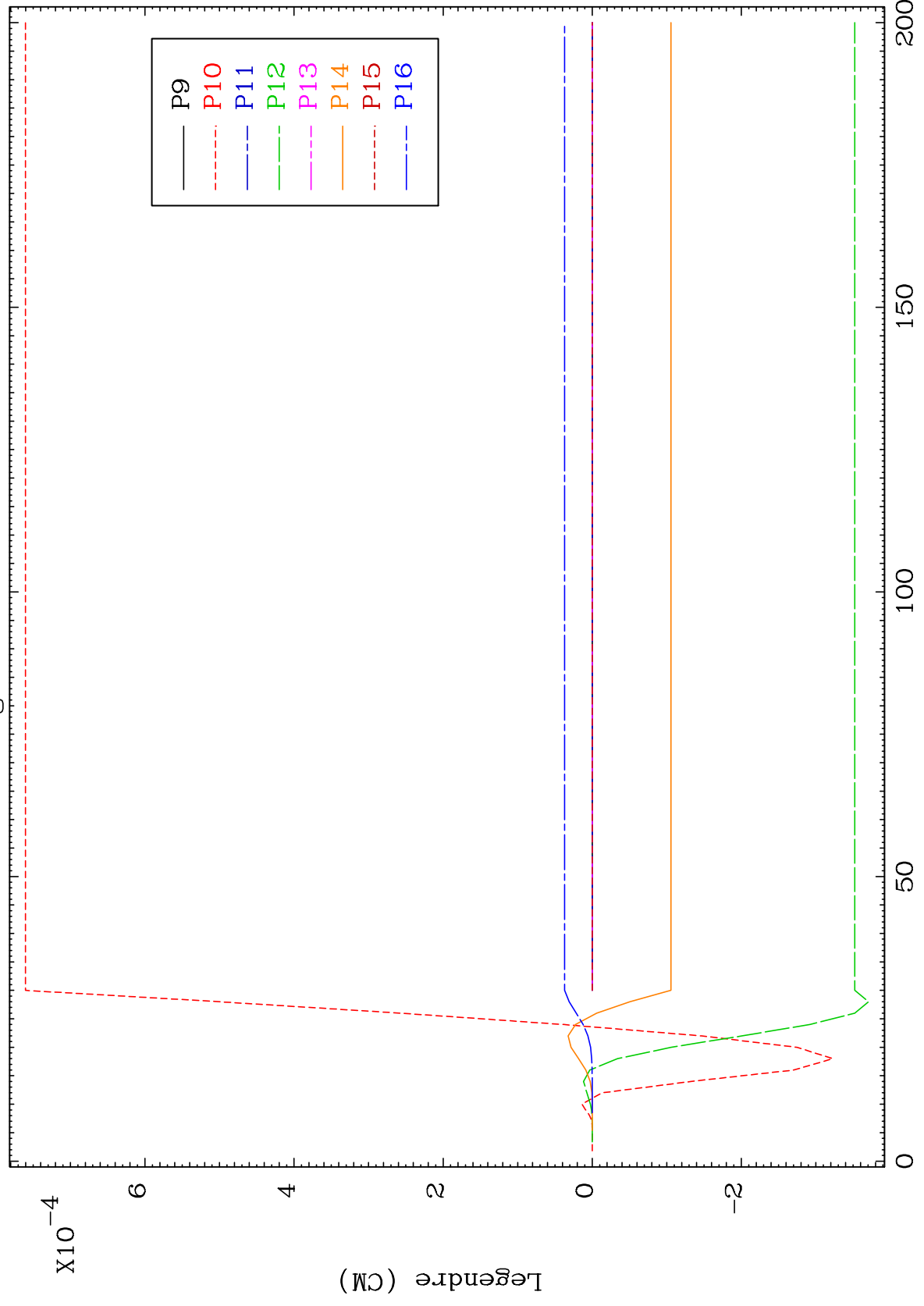
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105

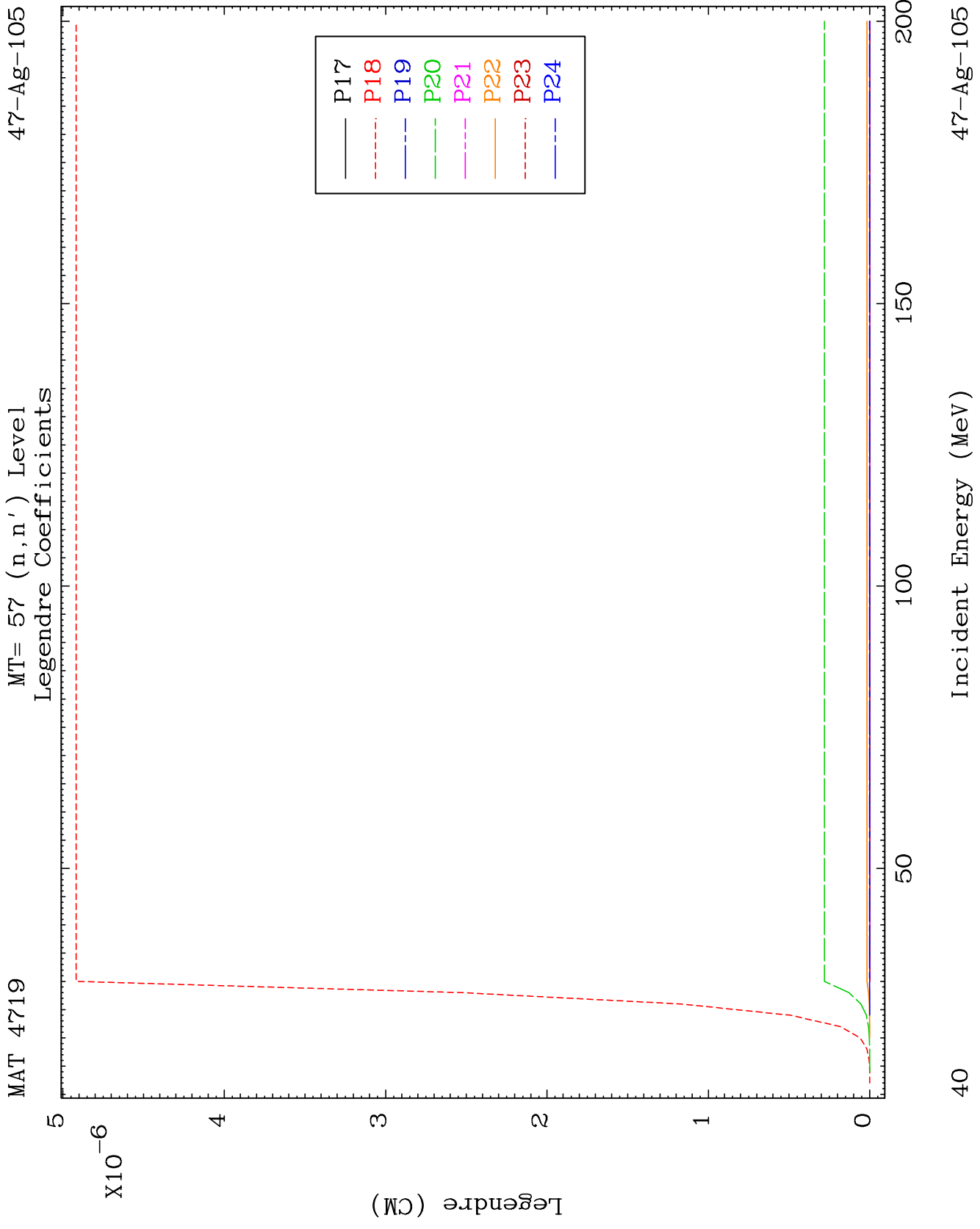


39

Incident Energy (MeV)

47-Ag-105

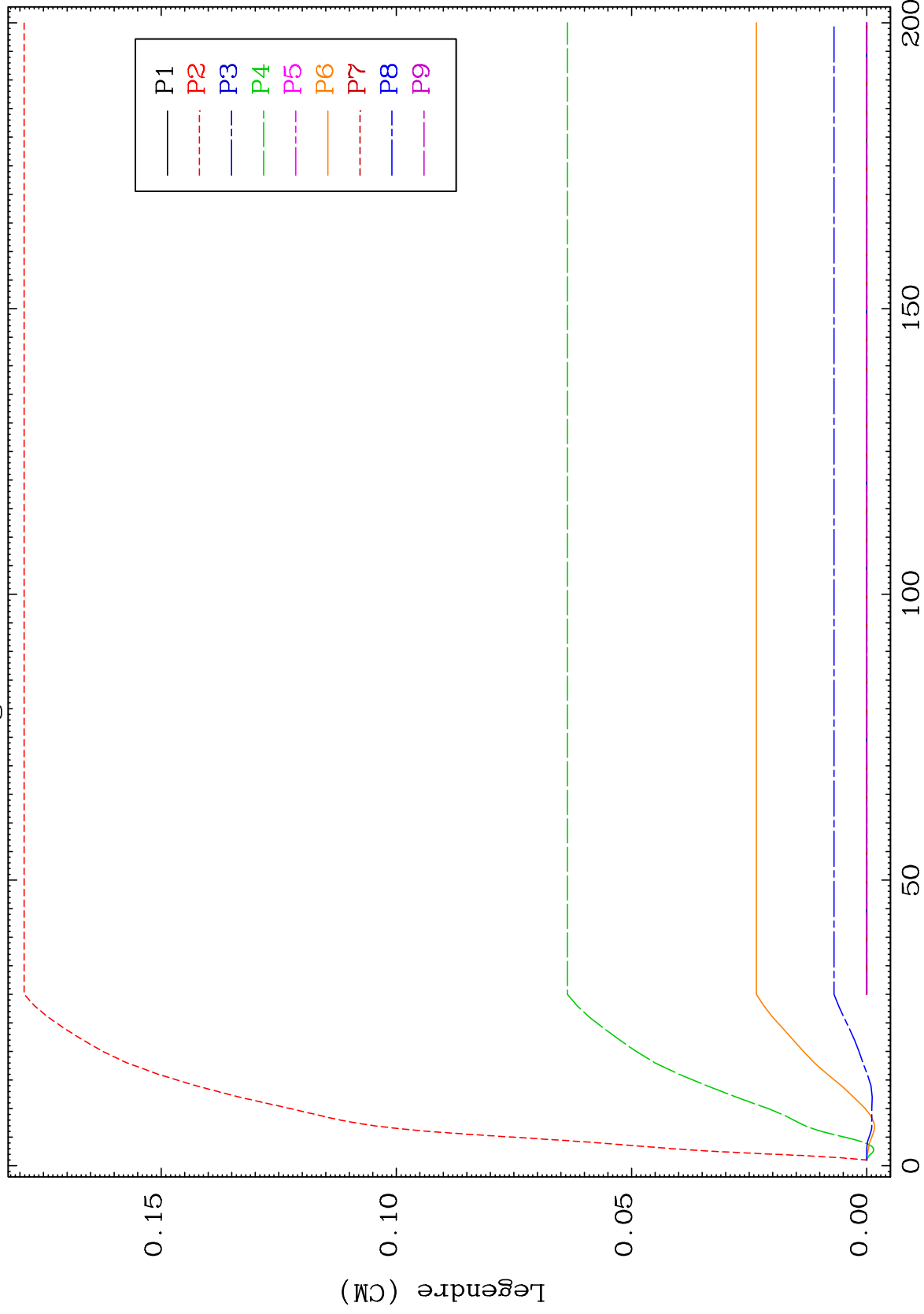




MAT 4719

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

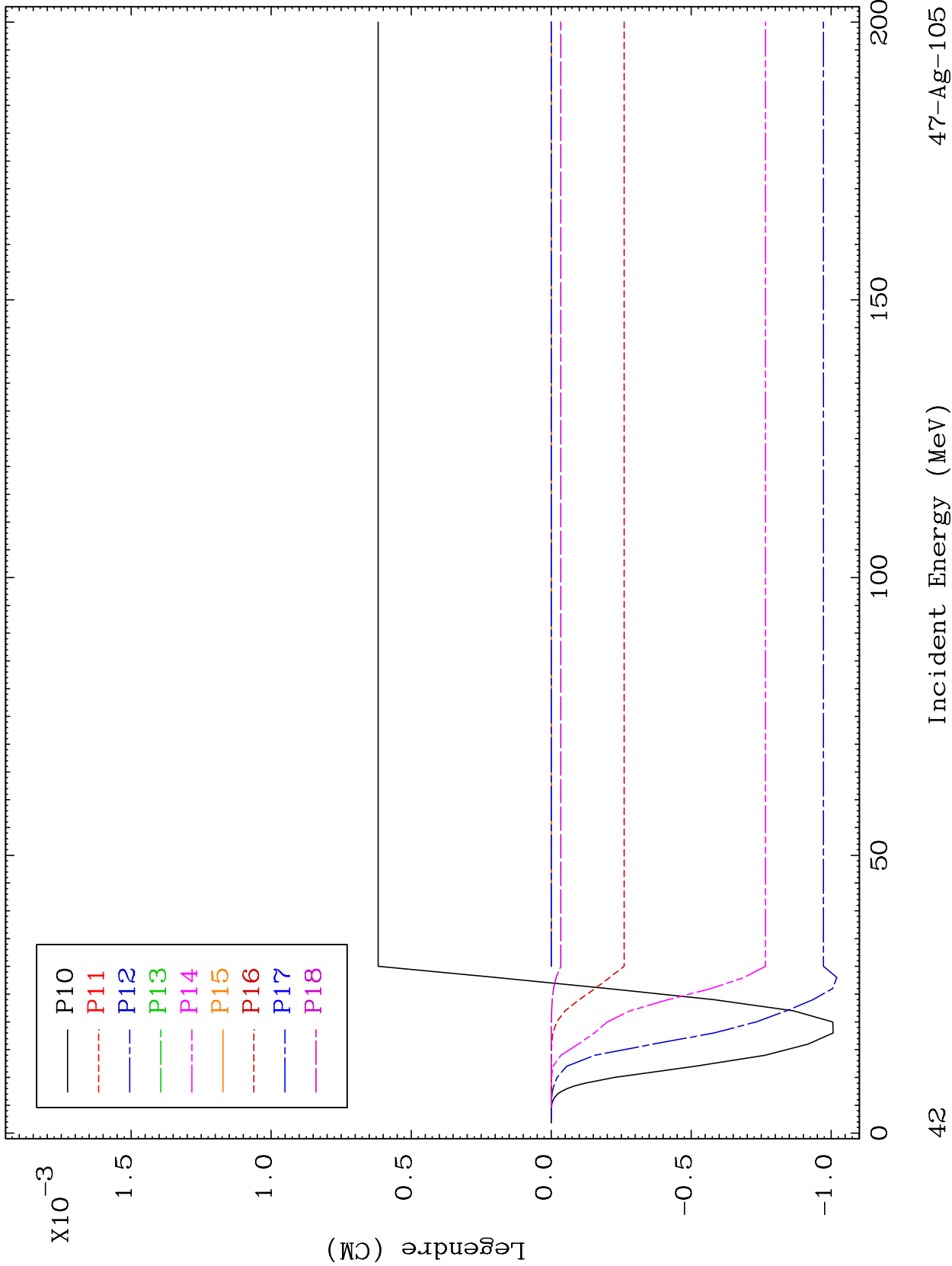
47-Ag-105



41

Incident Energy (MeV)

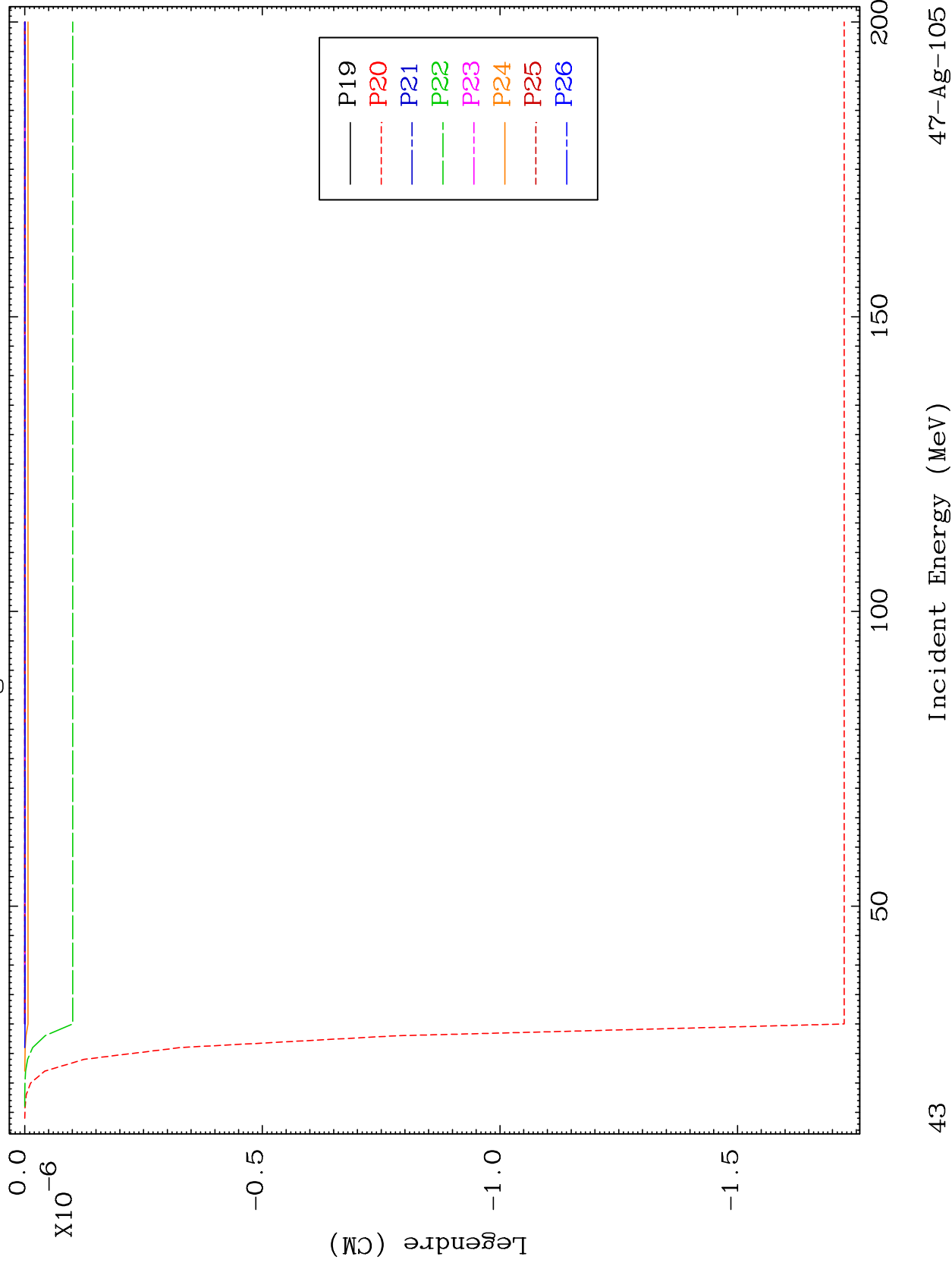
47-Ag-105



MAT 4719

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

47-Ag-105



43

Incident Energy (MeV)

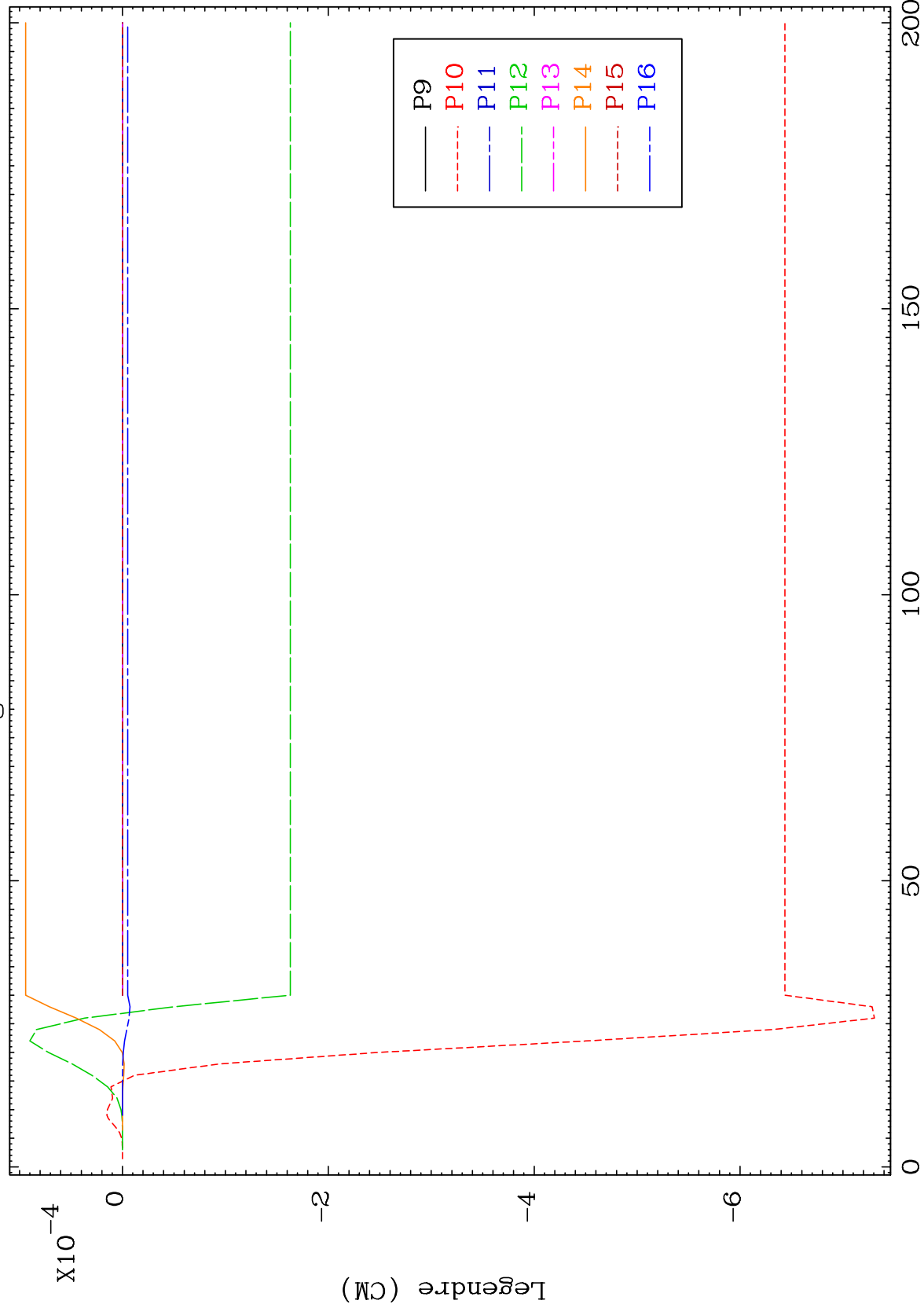
47-Ag-105



MAT 4719

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

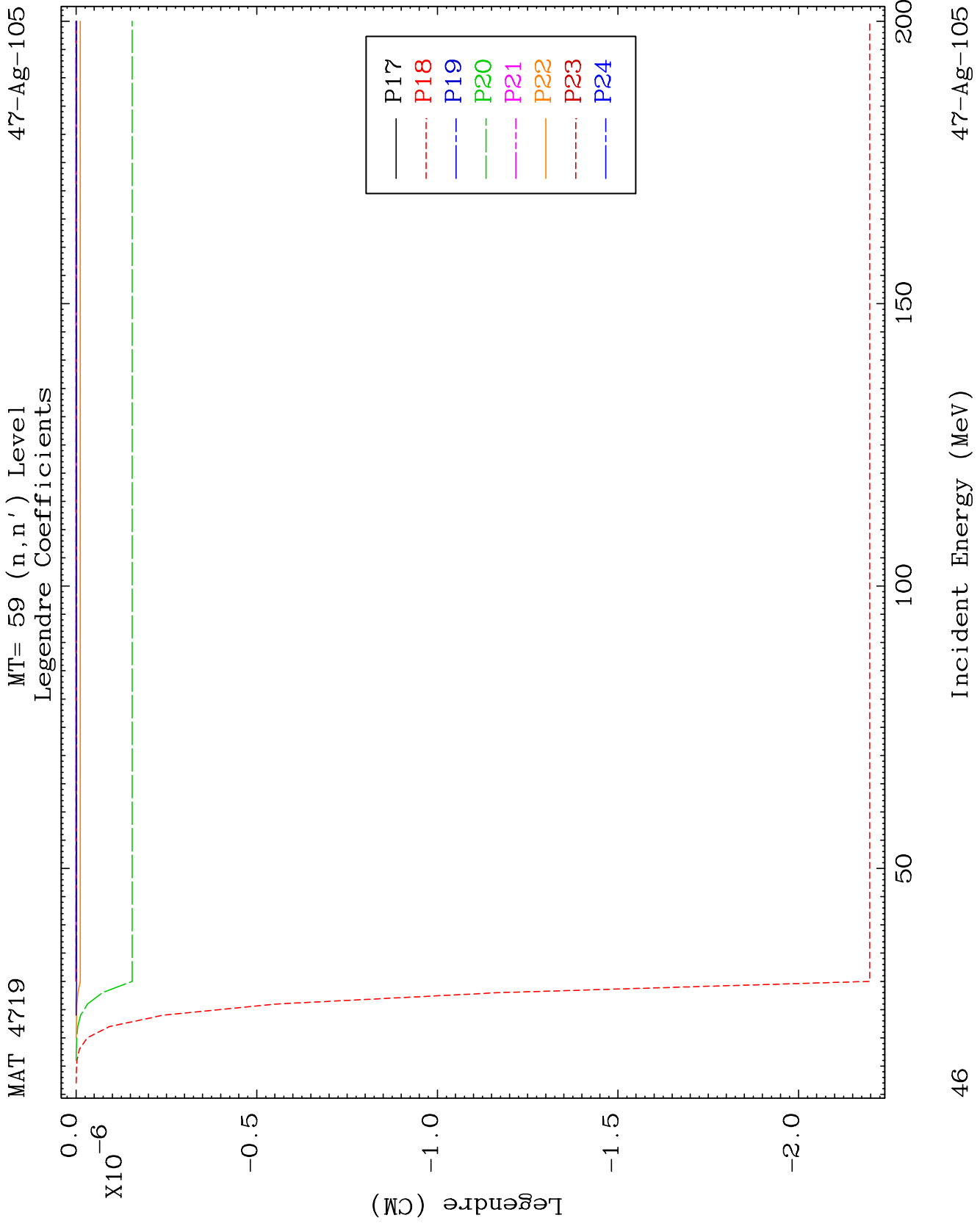
47-Ag-105

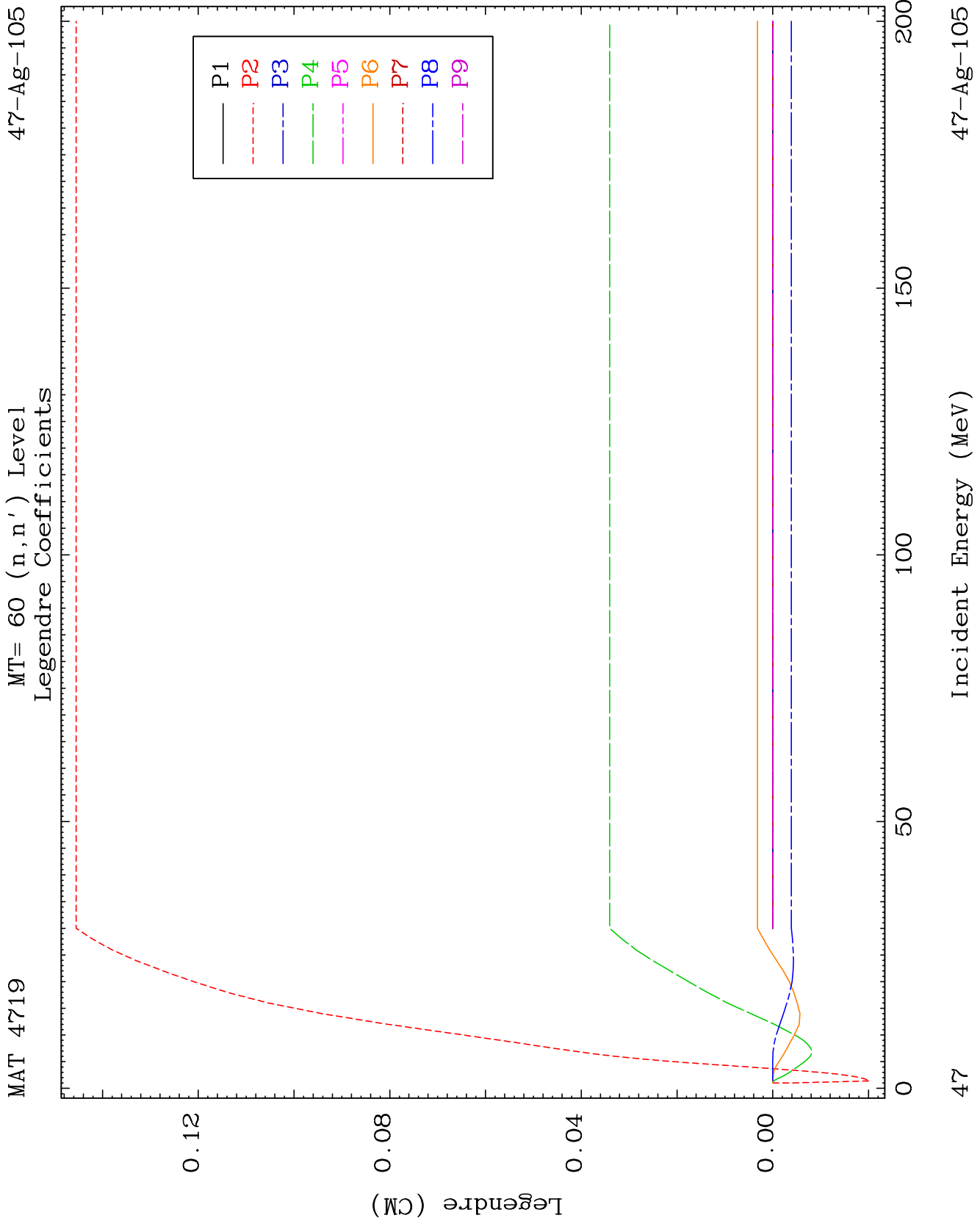


45

Incident Energy (MeV)

47-Ag-105



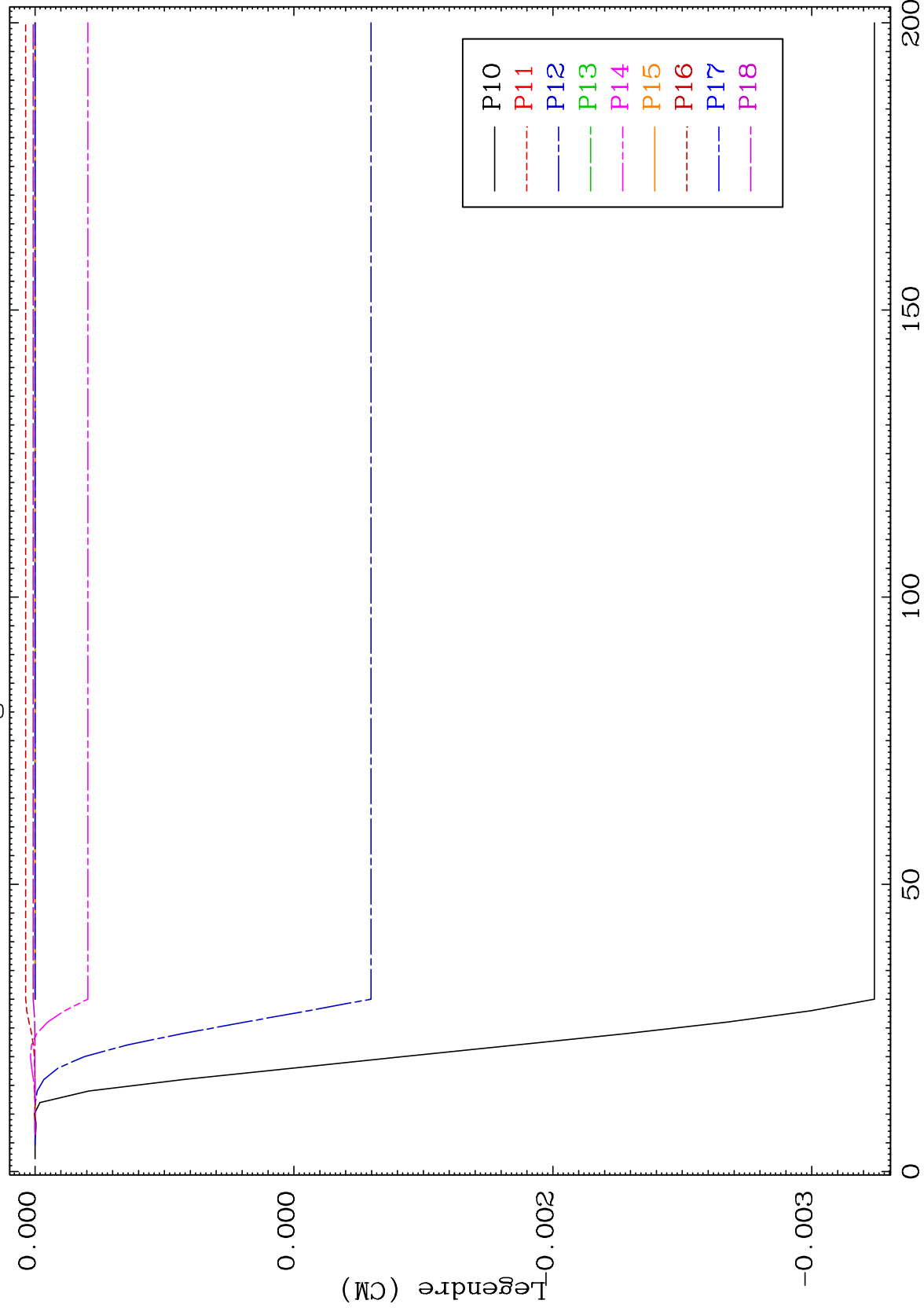




MAT 4719

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

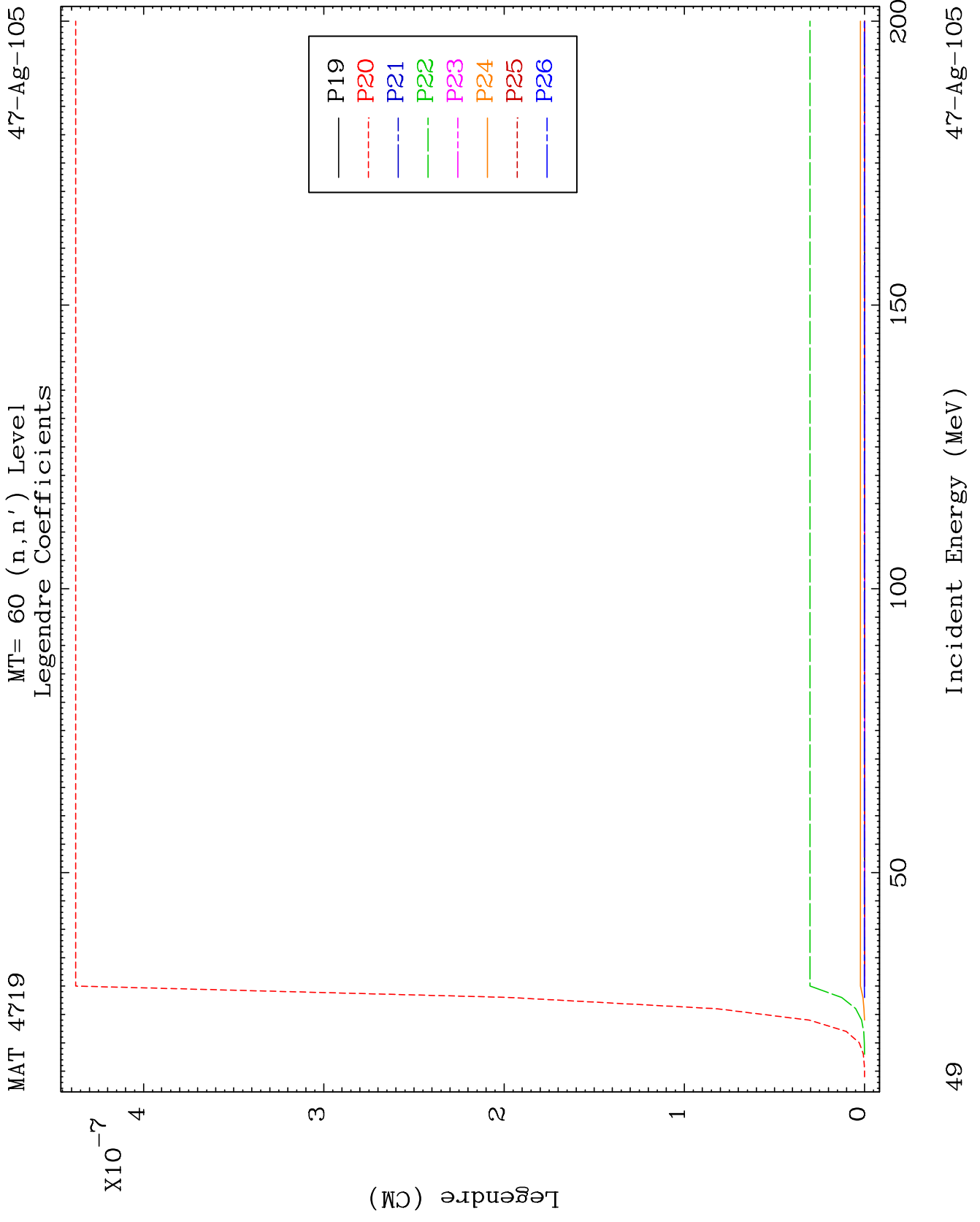
47-Ag-105

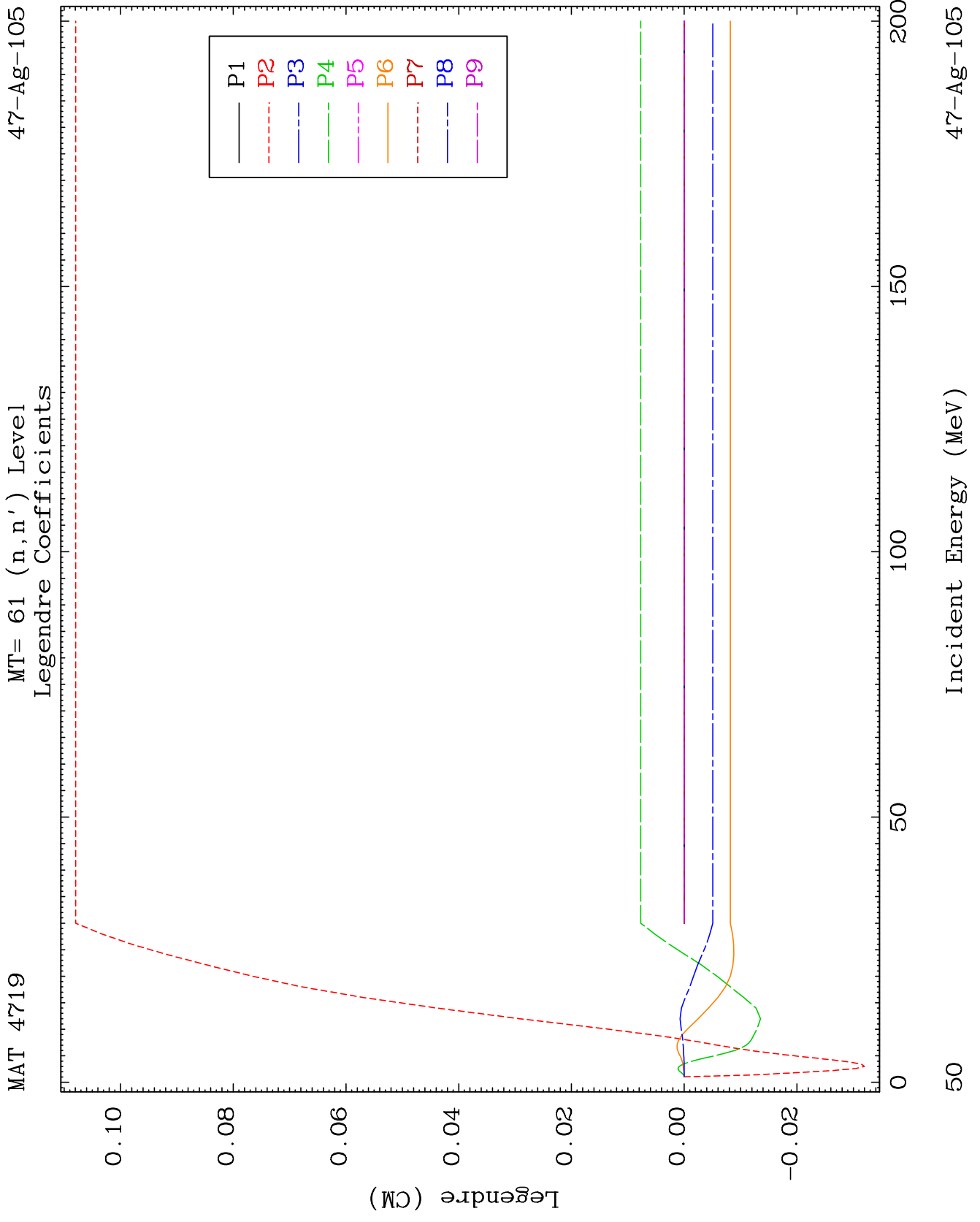


48

Incident Energy (MeV)

47-Ag-105

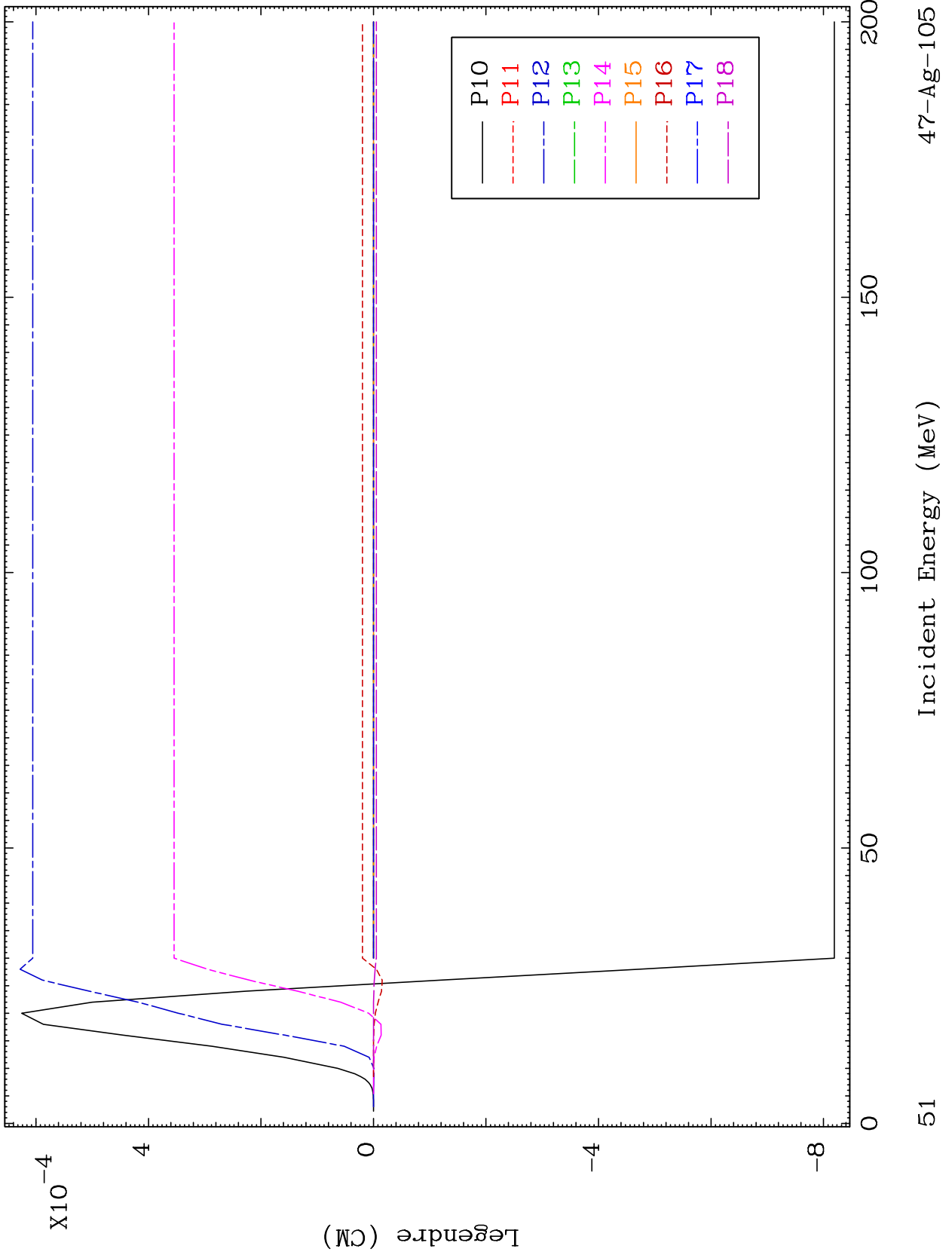




MAT 4719

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

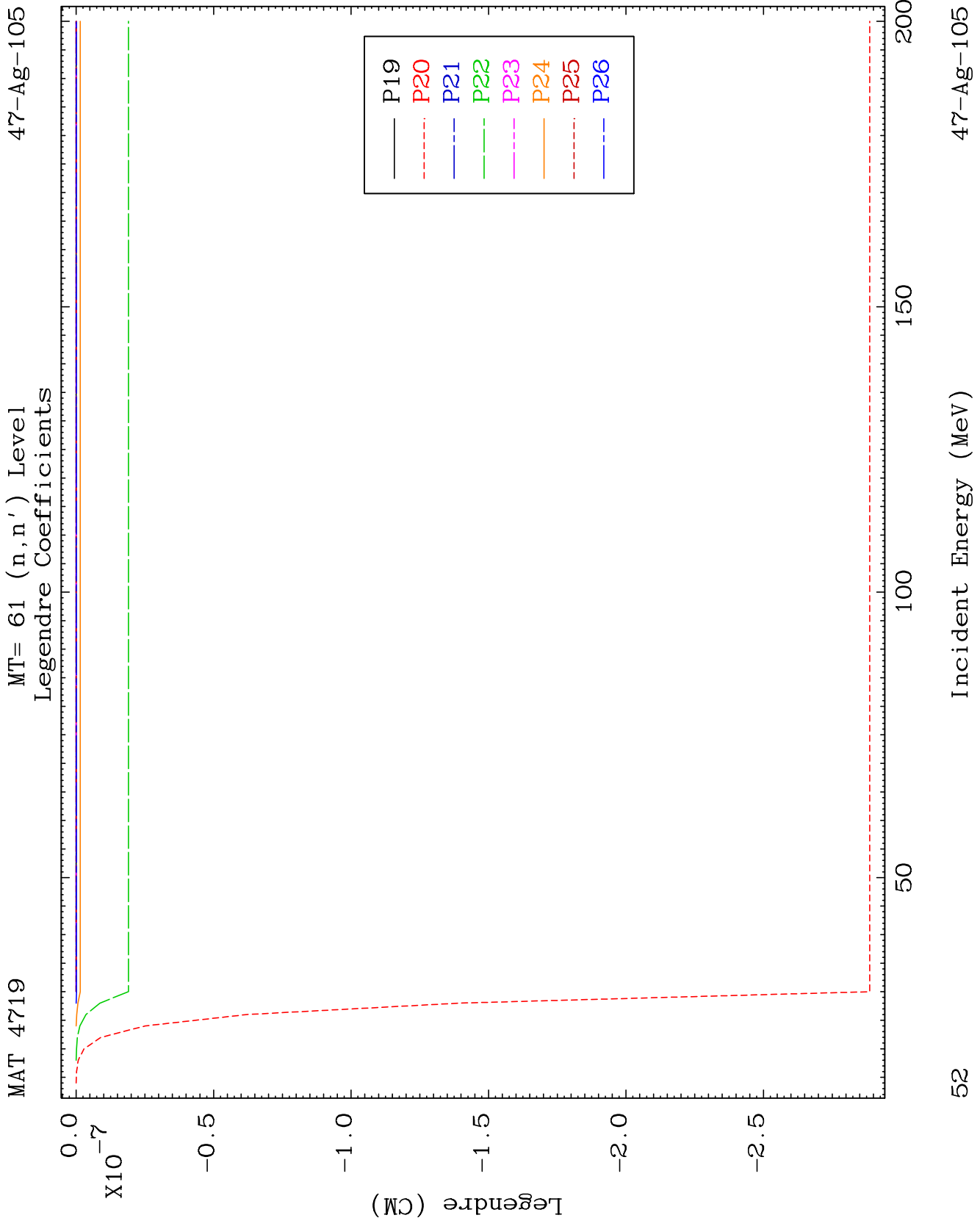
47-Ag-105



51

Incident Energy (MeV)

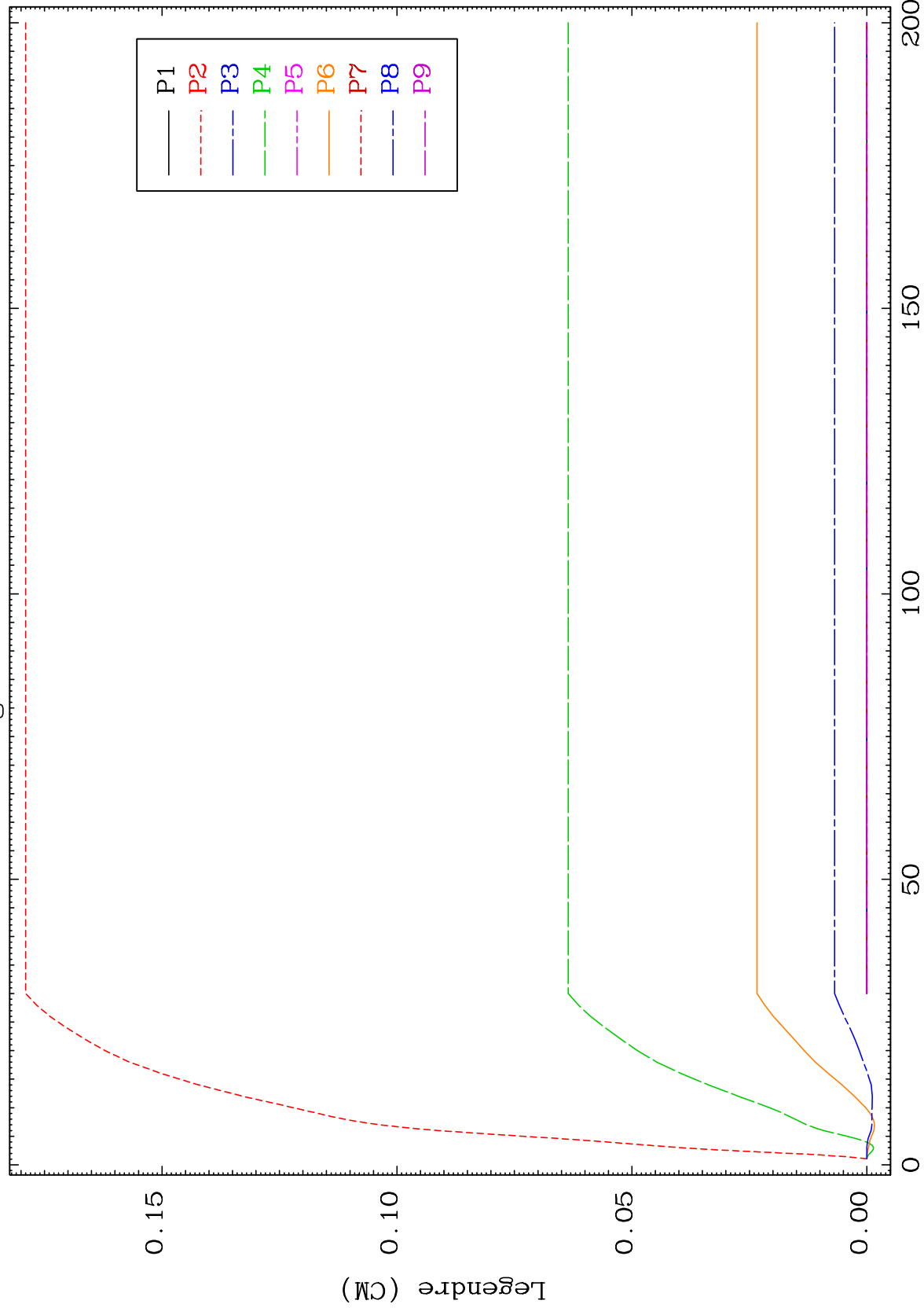
47-Ag-105



MAT 4719

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

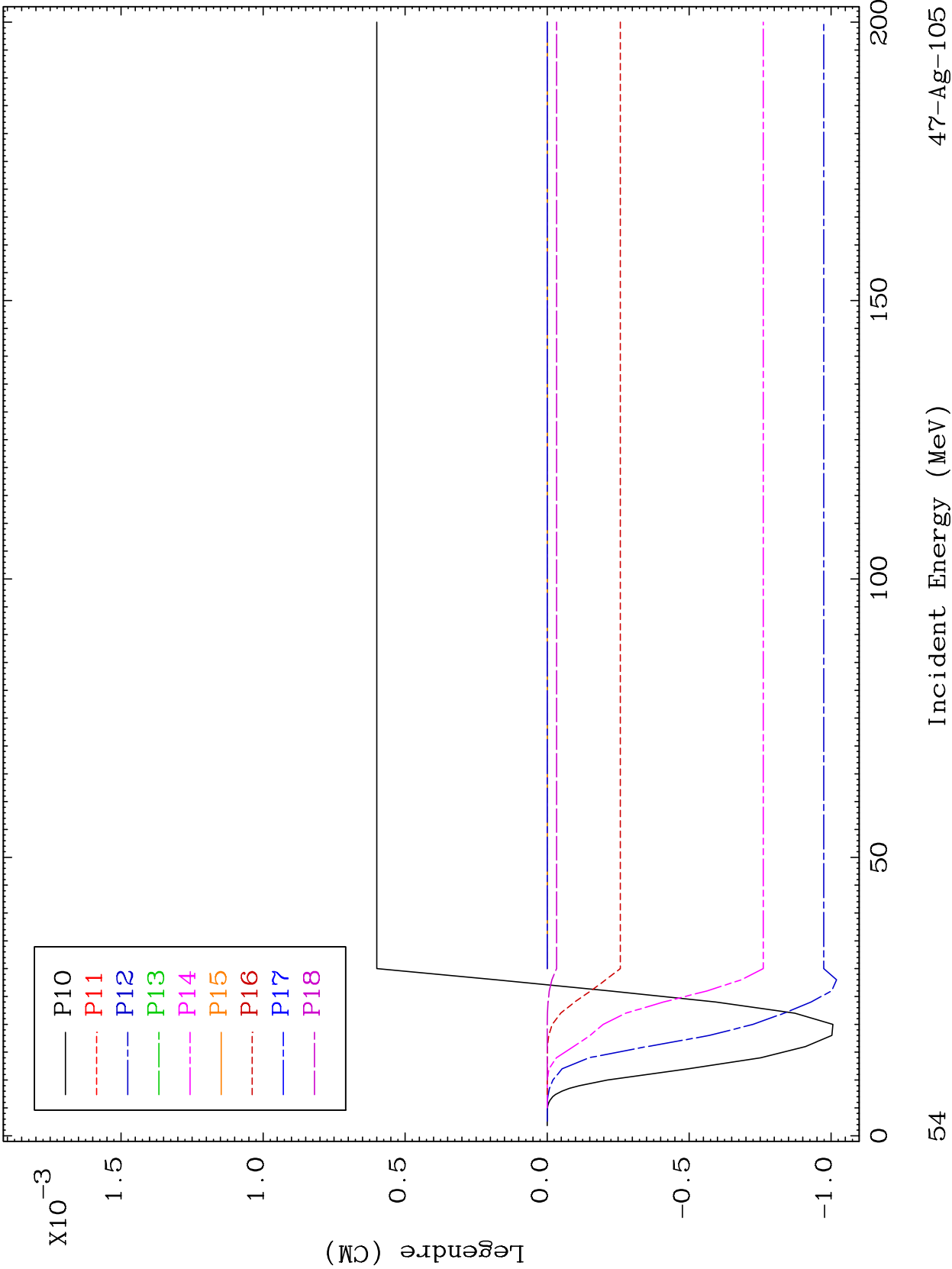
47-Ag-105



53

Incident Energy (MeV)

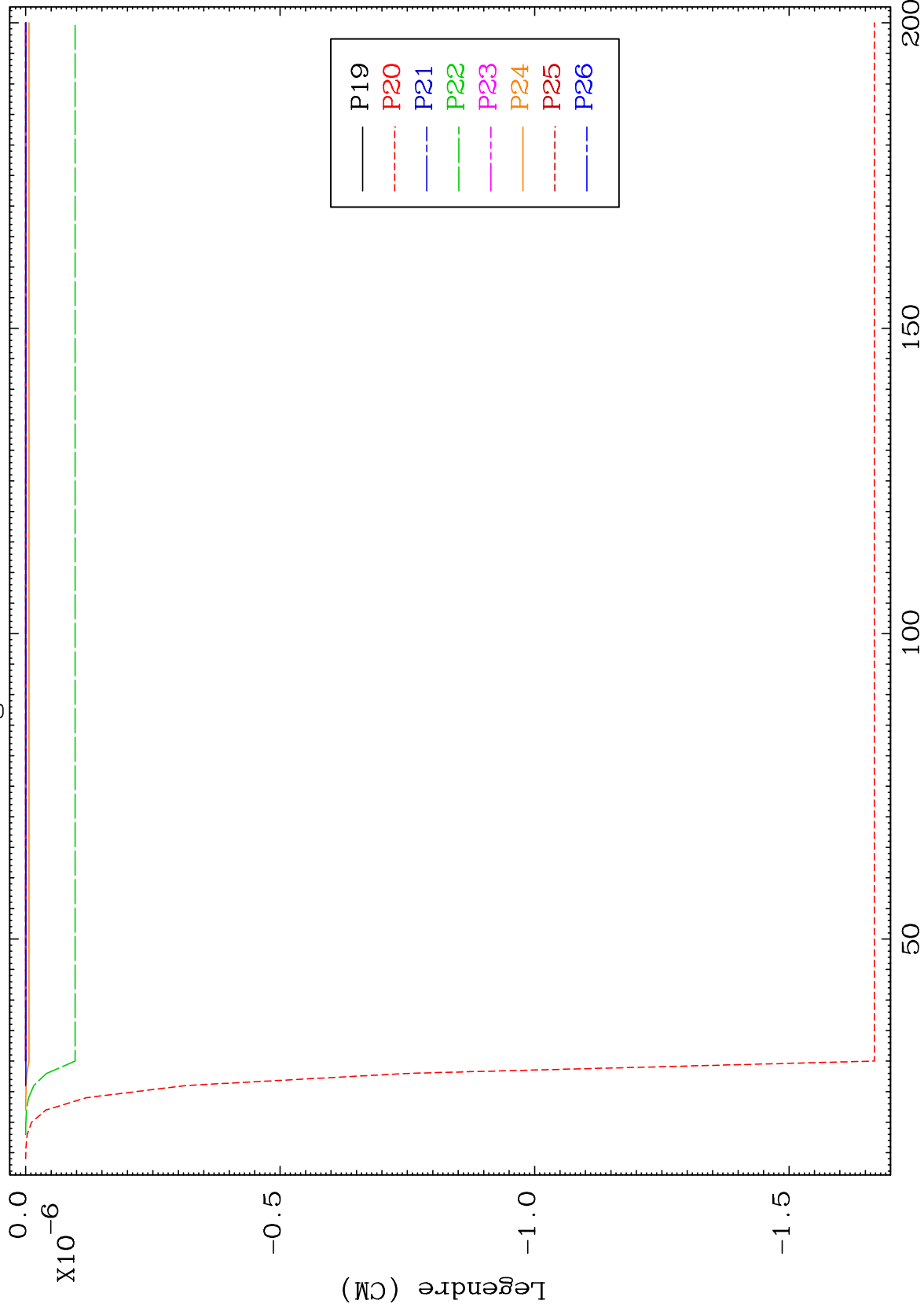
47-Ag-105



MAT 4719

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

47-Ag-105



55

Incident Energy (MeV)

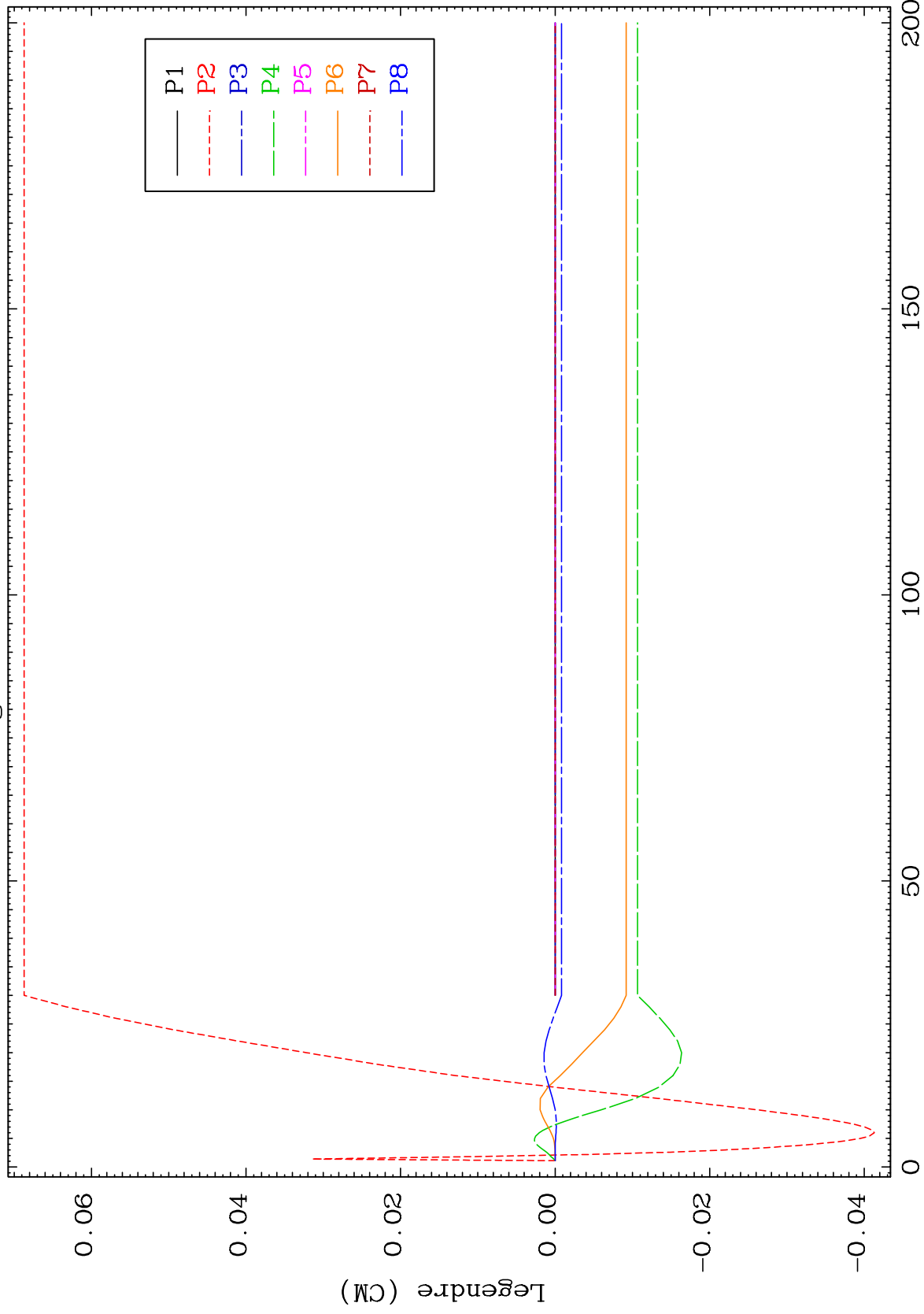
47-Ag-105



MAT 4719

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

47-Ag-105



47-Ag-105

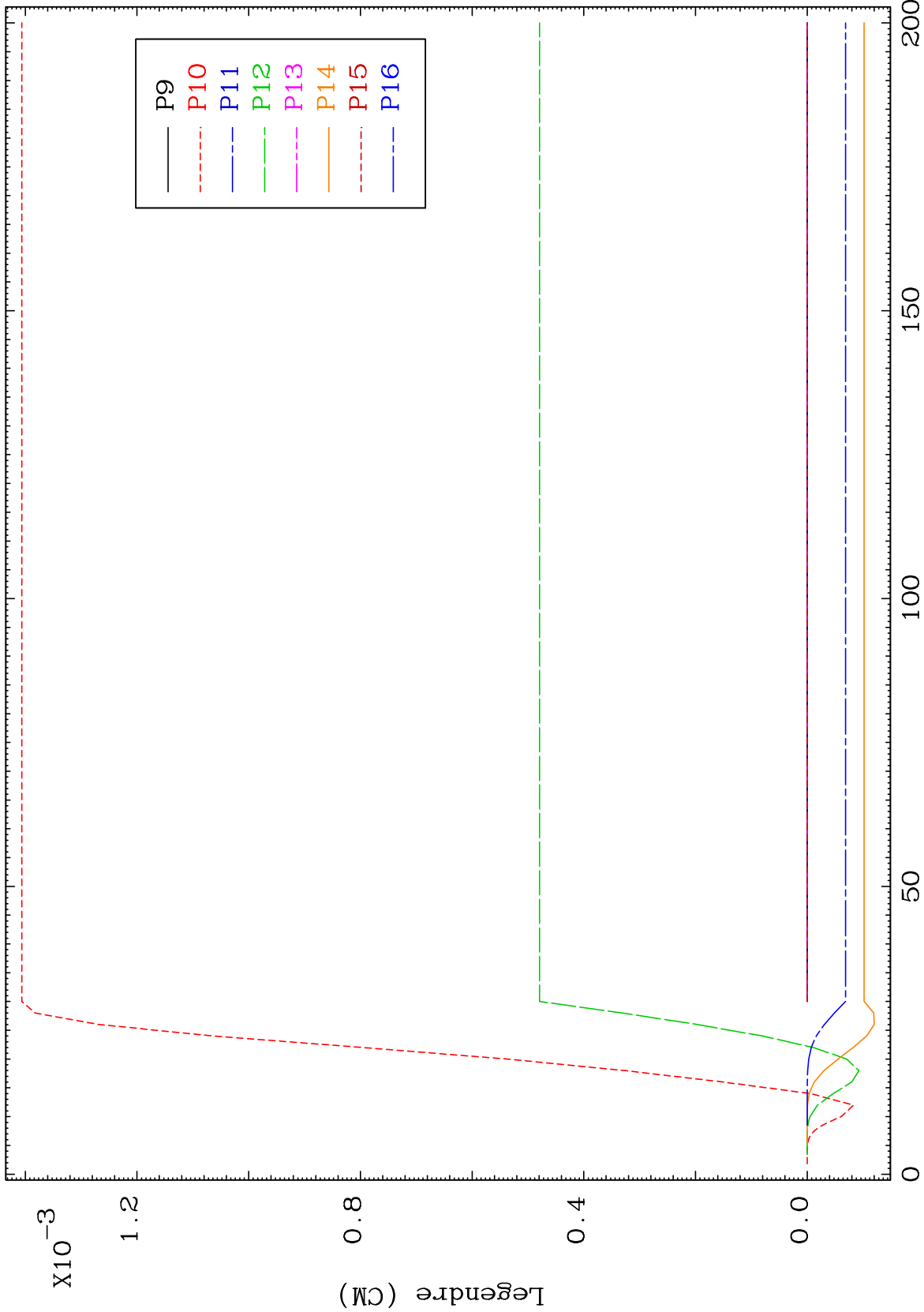
Incident Energy (MeV)

56

MAT 4719

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

47-Ag-105



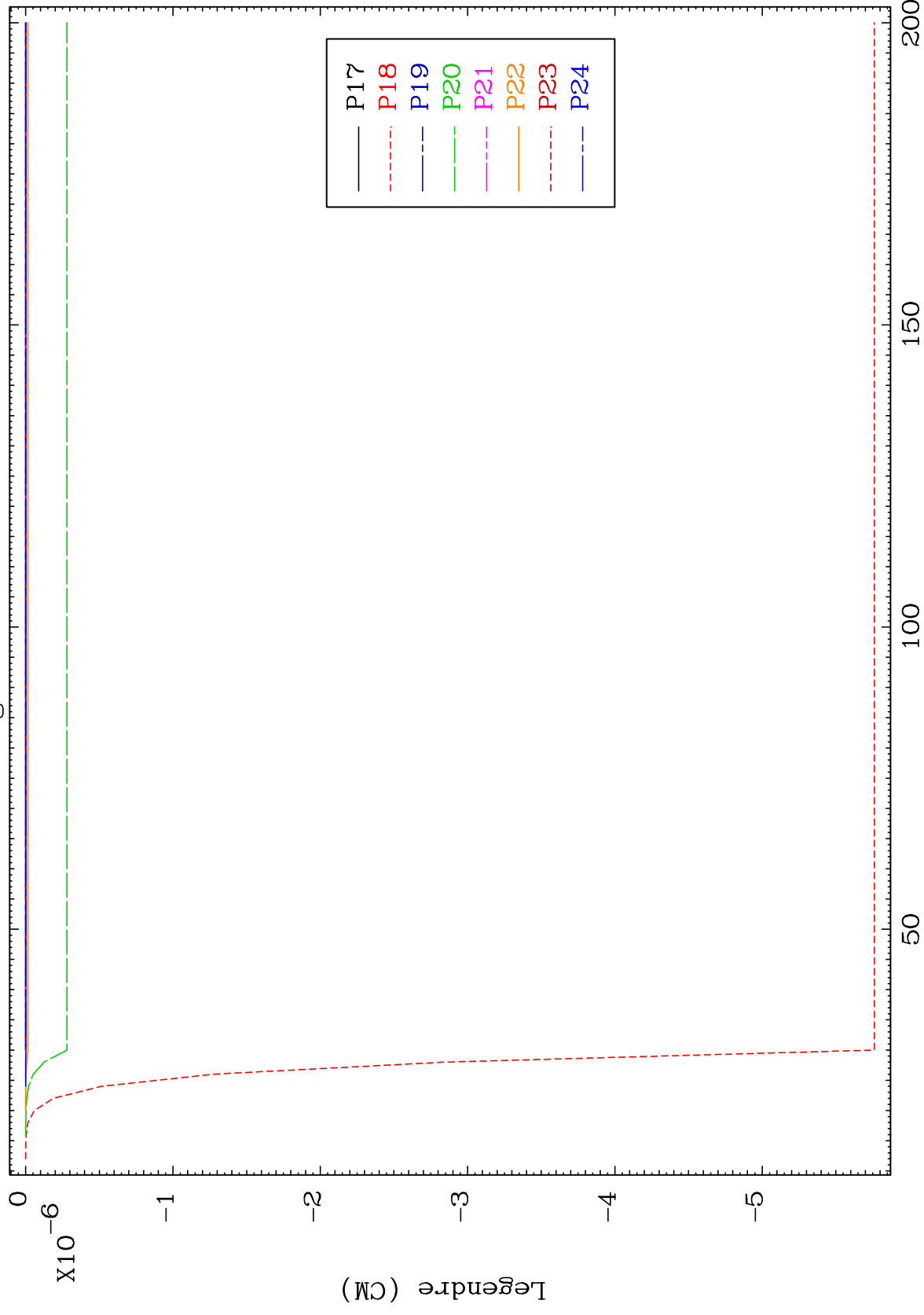
57

47-Ag-105

MAT 4719

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

47-Ag-105



58

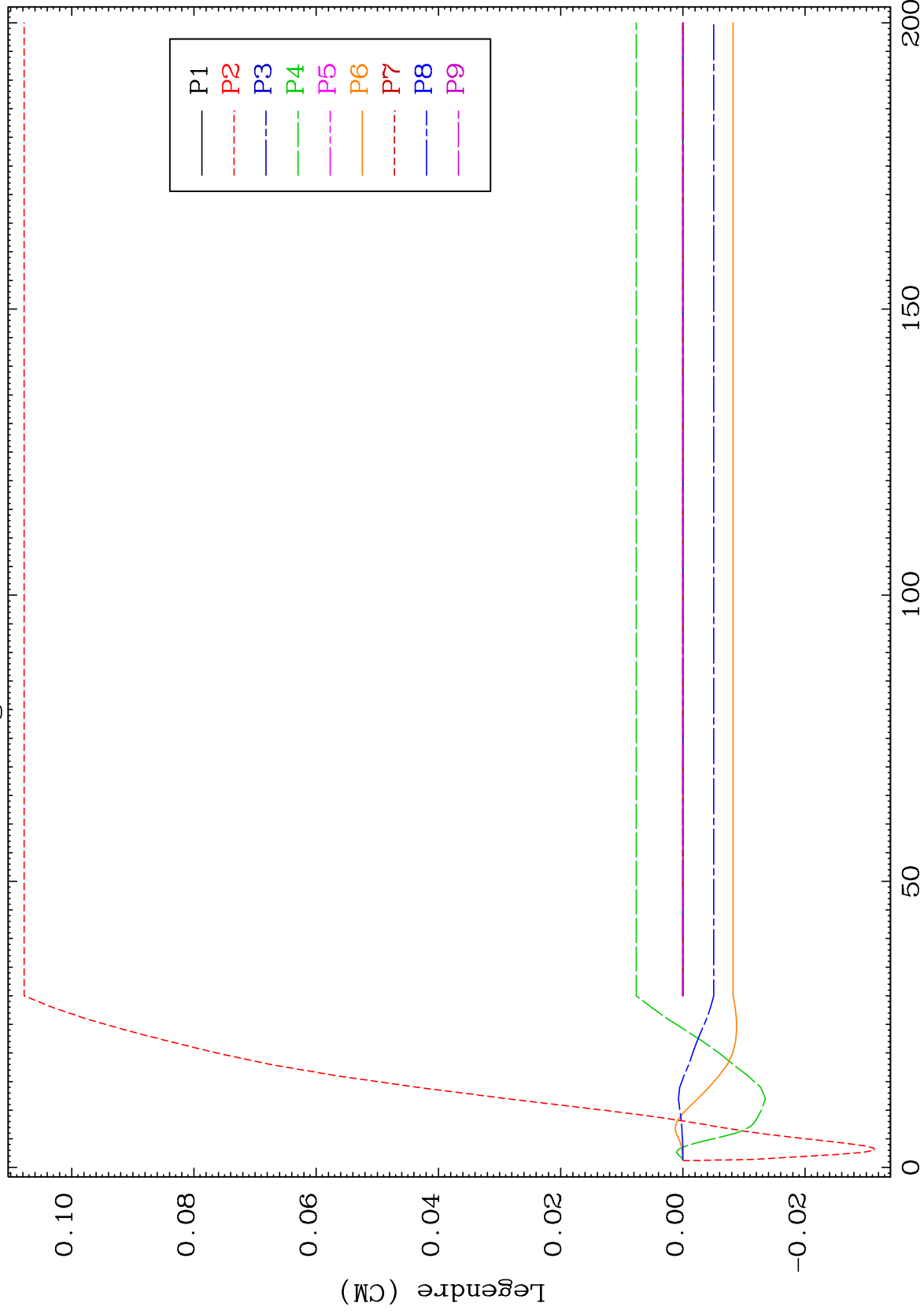
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



59

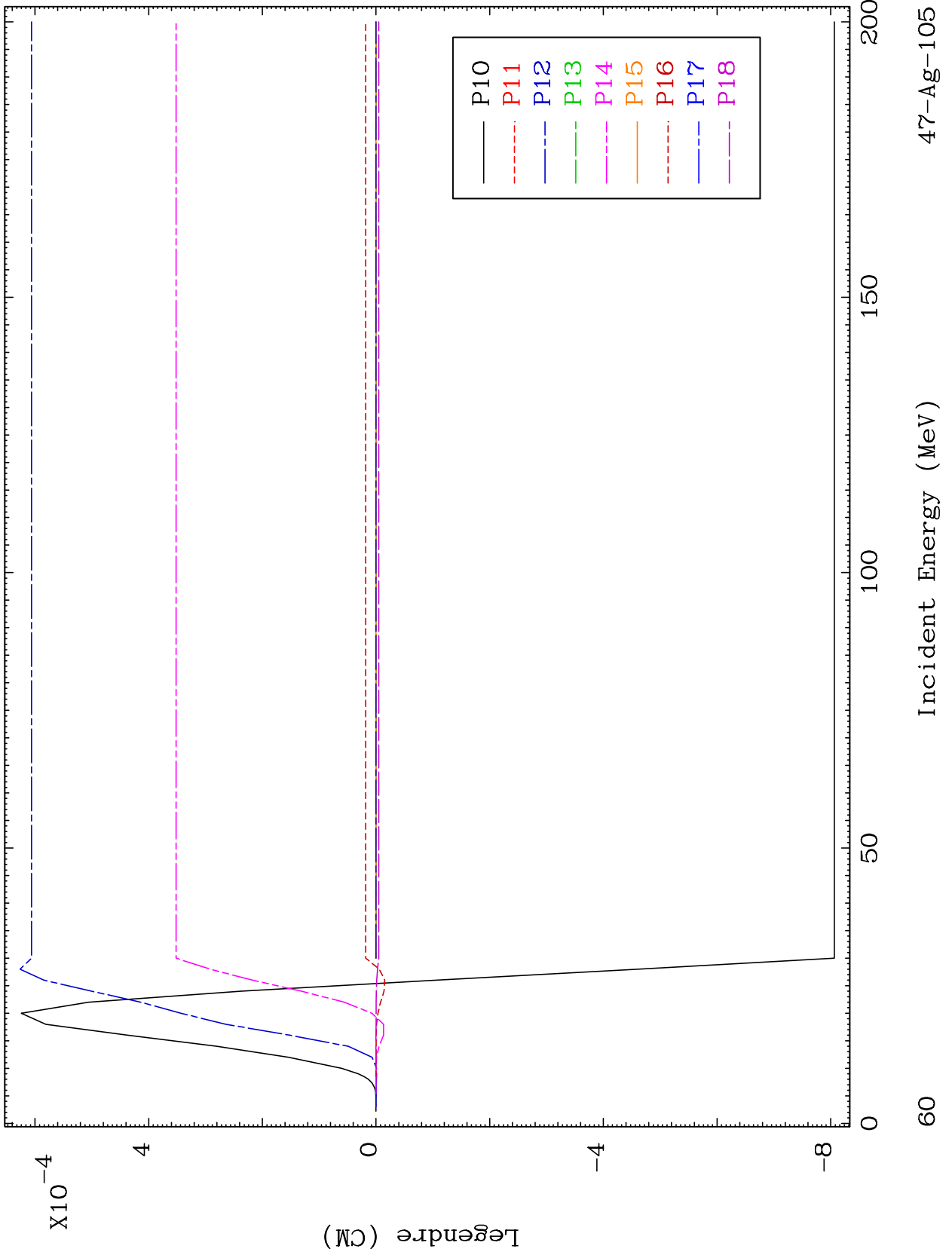
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

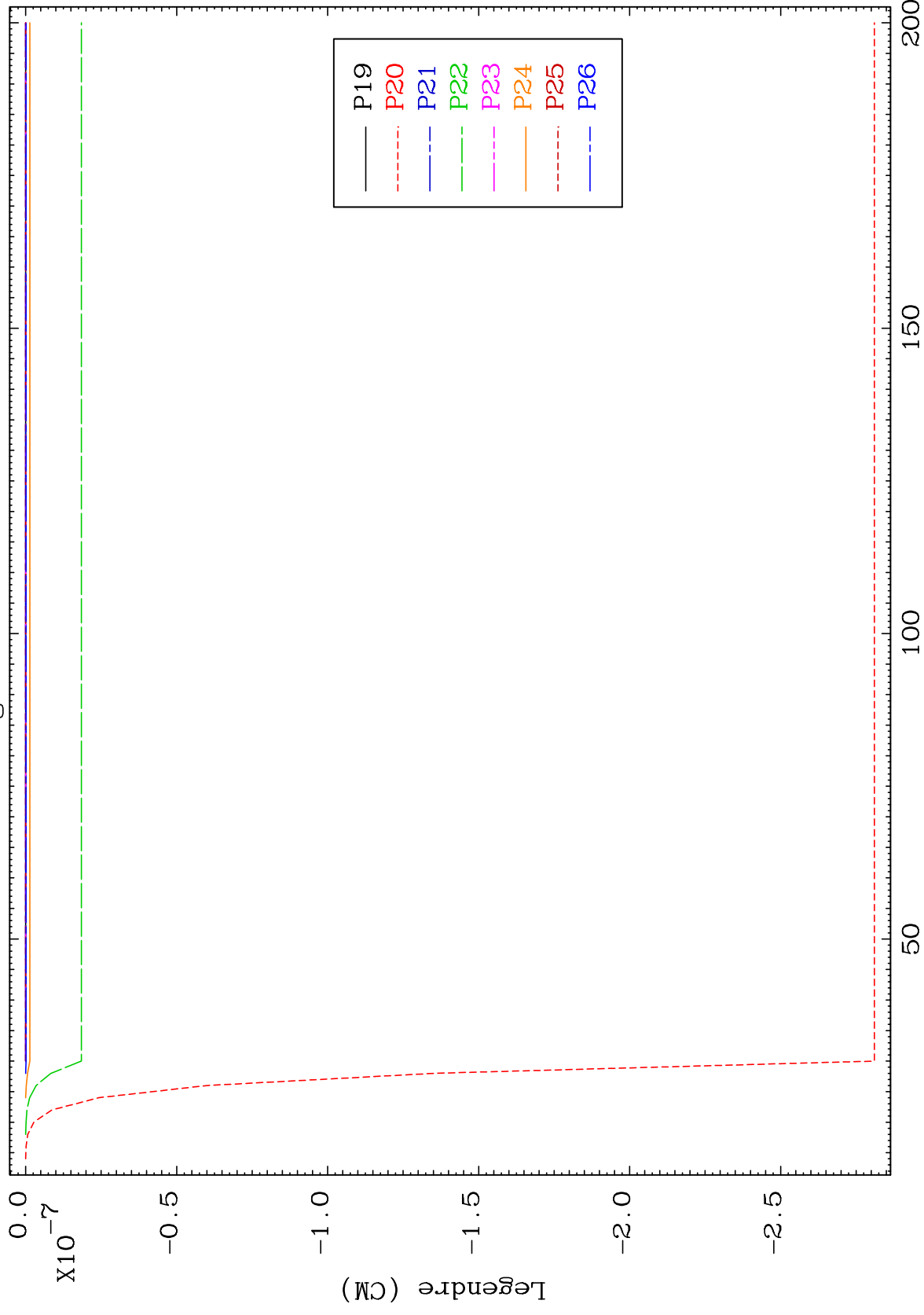
47-Ag-105



MAT 4719

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

47-Ag-105



61

Incident Energy (MeV)

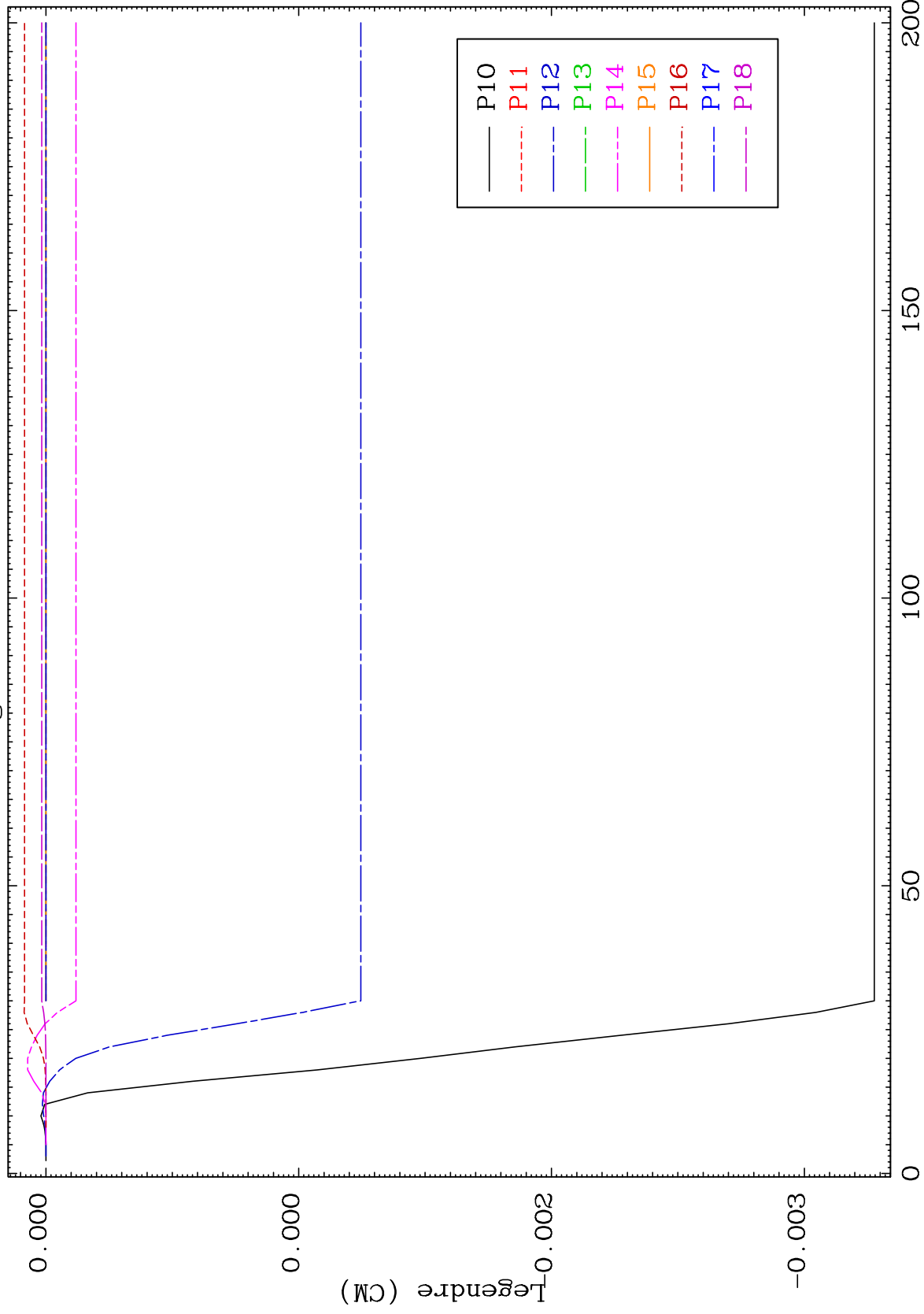
47-Ag-105



MAT 4719

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

47-Ag-105



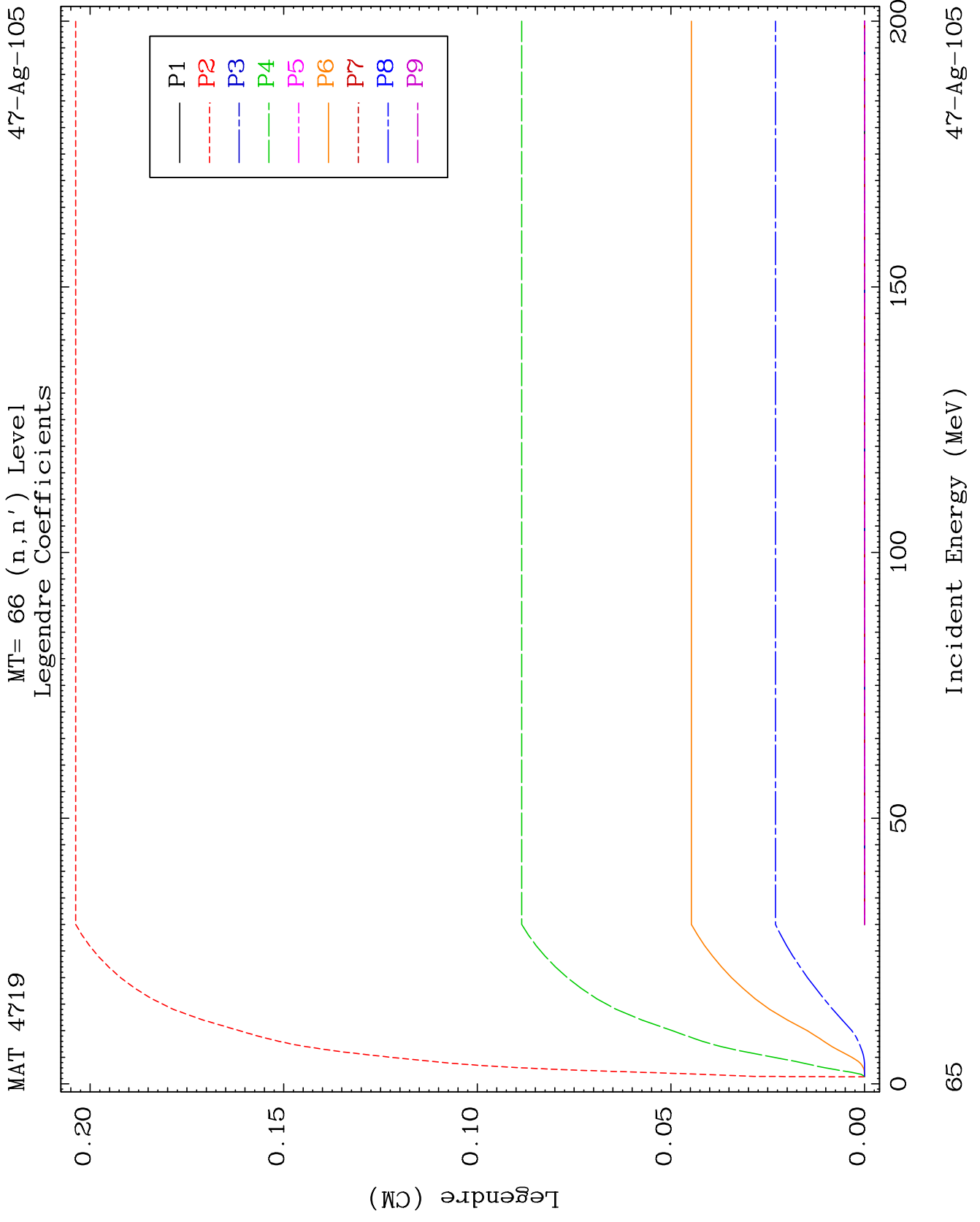
63

Incident Energy (MeV)

47-Ag-105



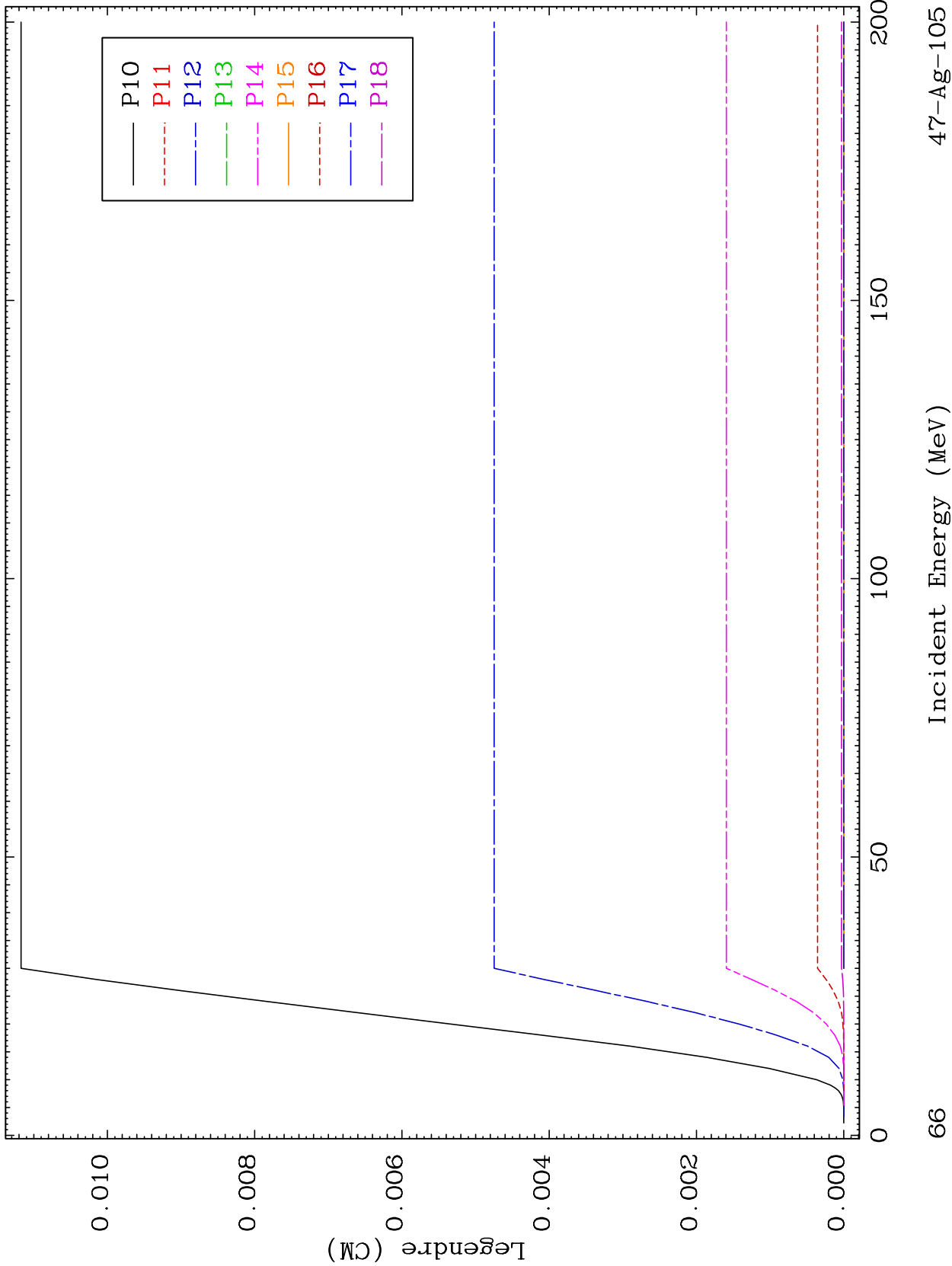




MAT 4719

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

47-Ag-105



66

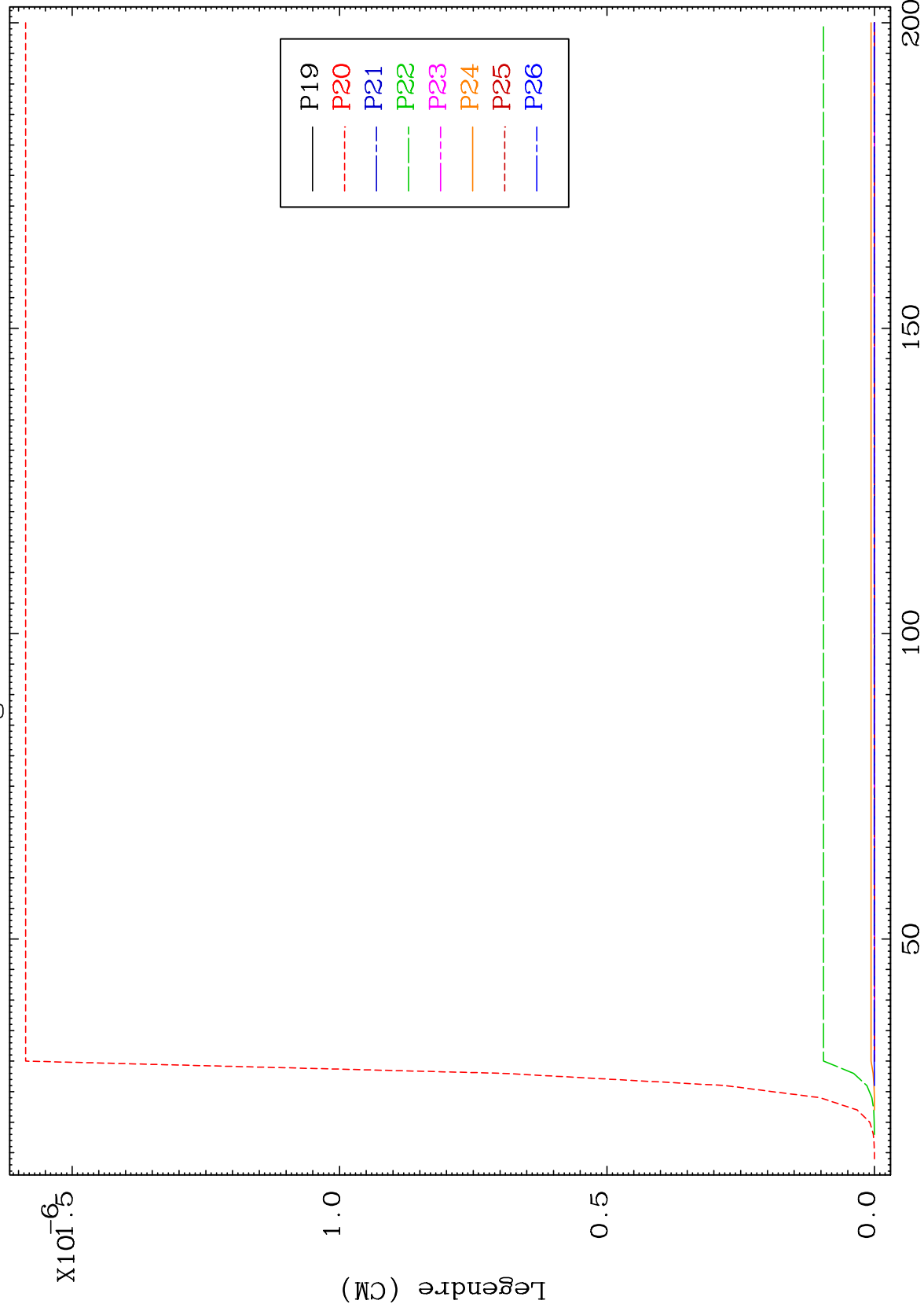
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



67

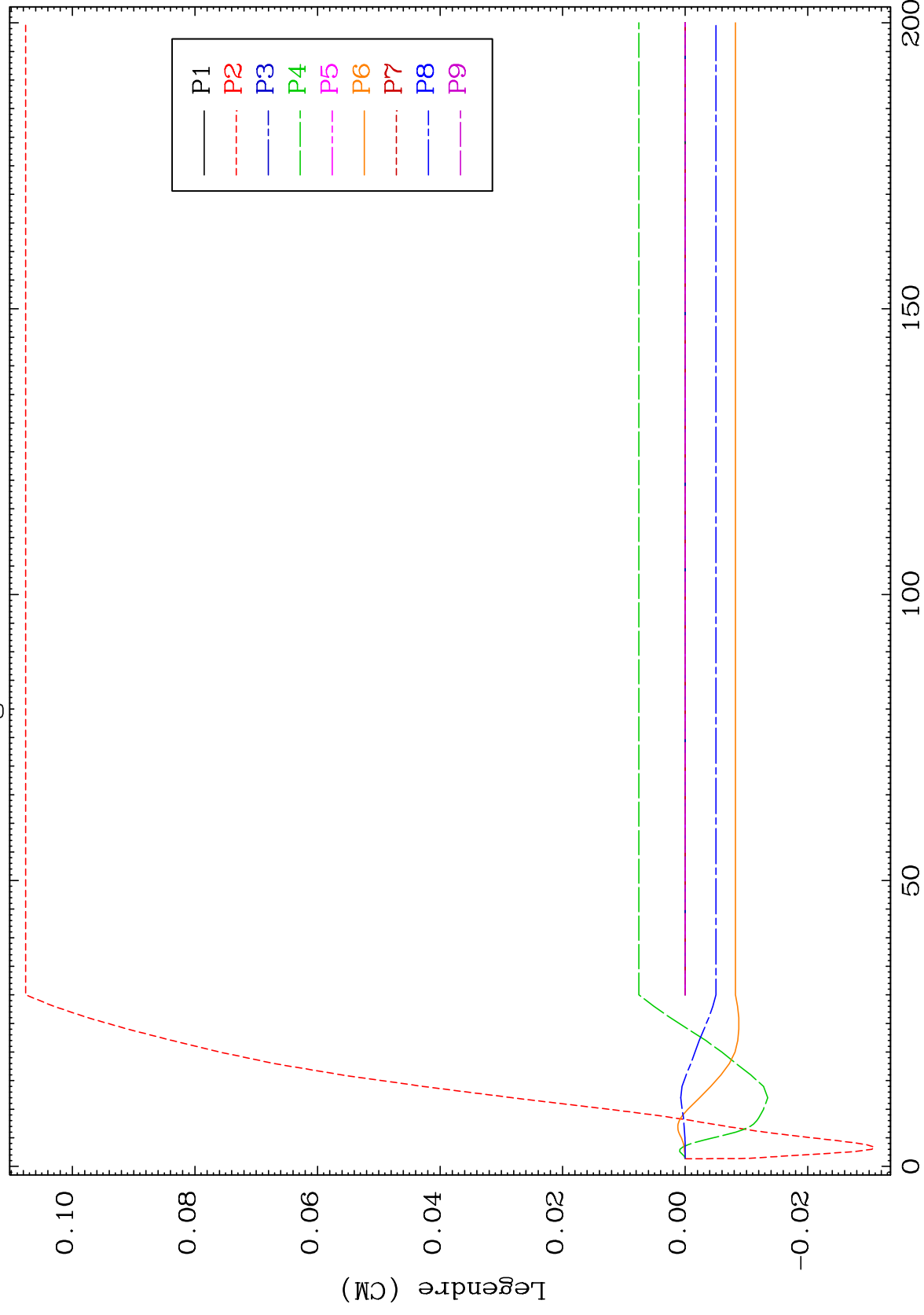
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



47-Ag-105

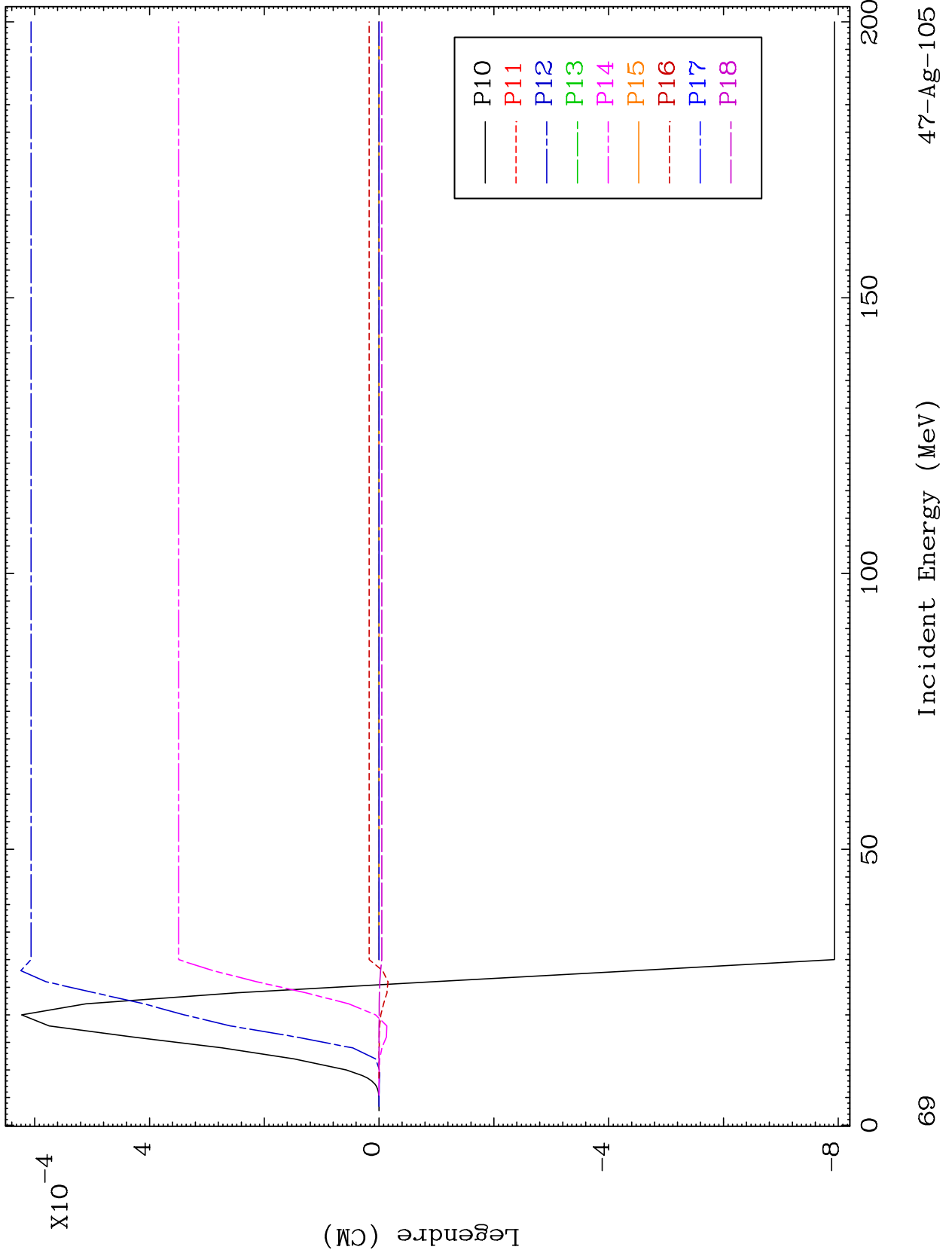
Incident Energy (MeV)

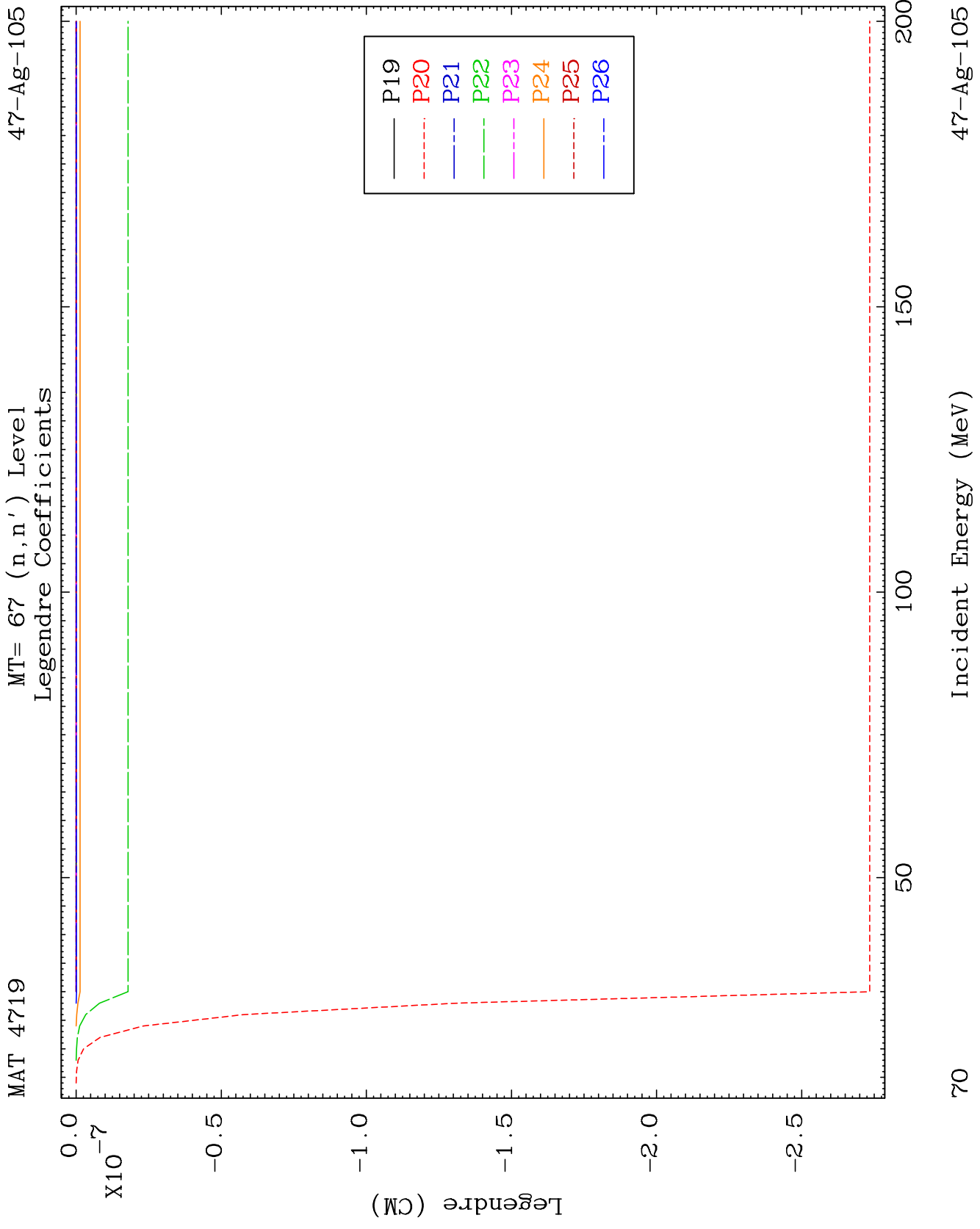
68

MAT 4719

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

47-Ag-105

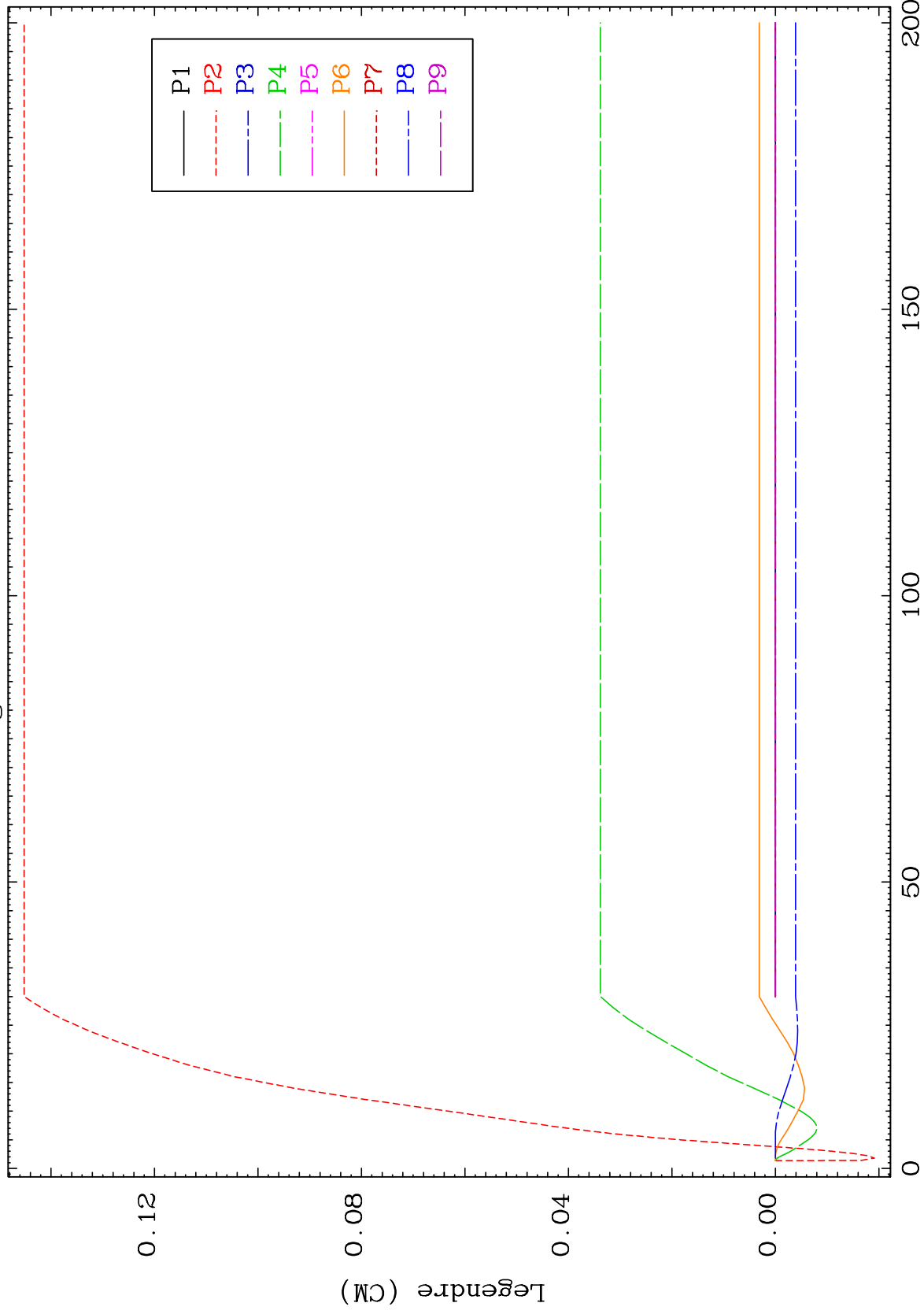




MAT 4719

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

47-Ag-105



71

Incident Energy (MeV)

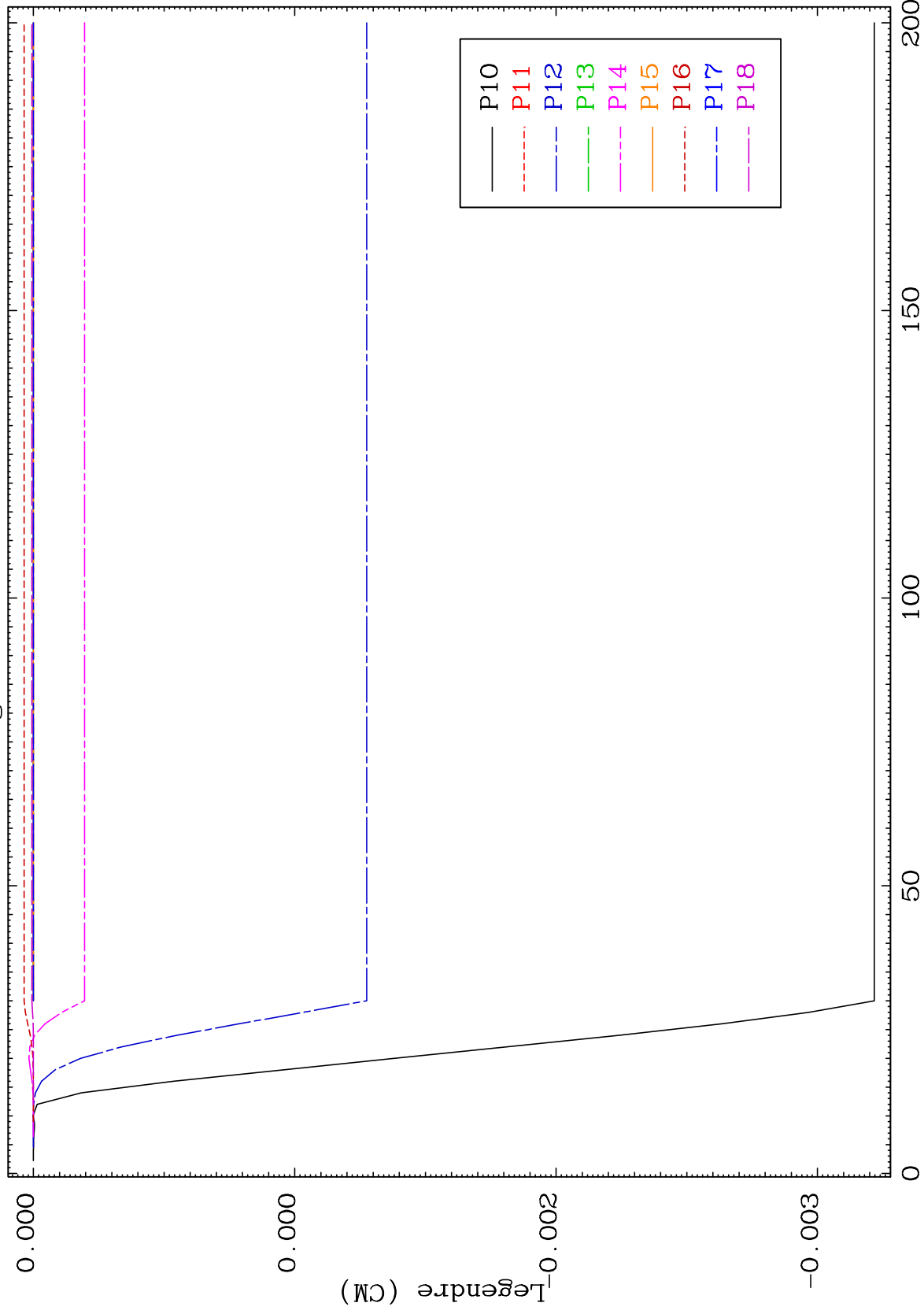
47-Ag-105



MAT 4719

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

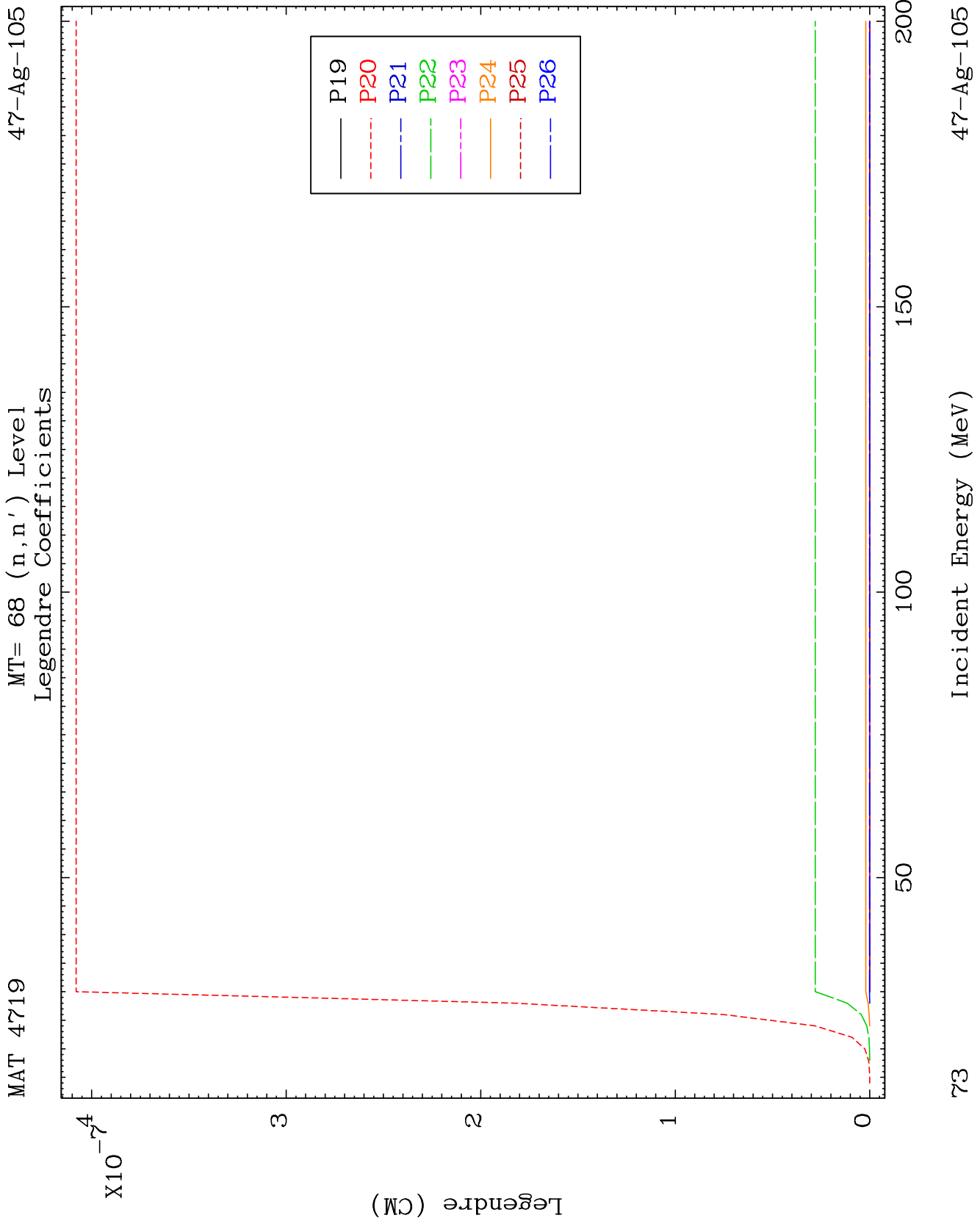
47-Ag-105



72

Incident Energy (MeV)

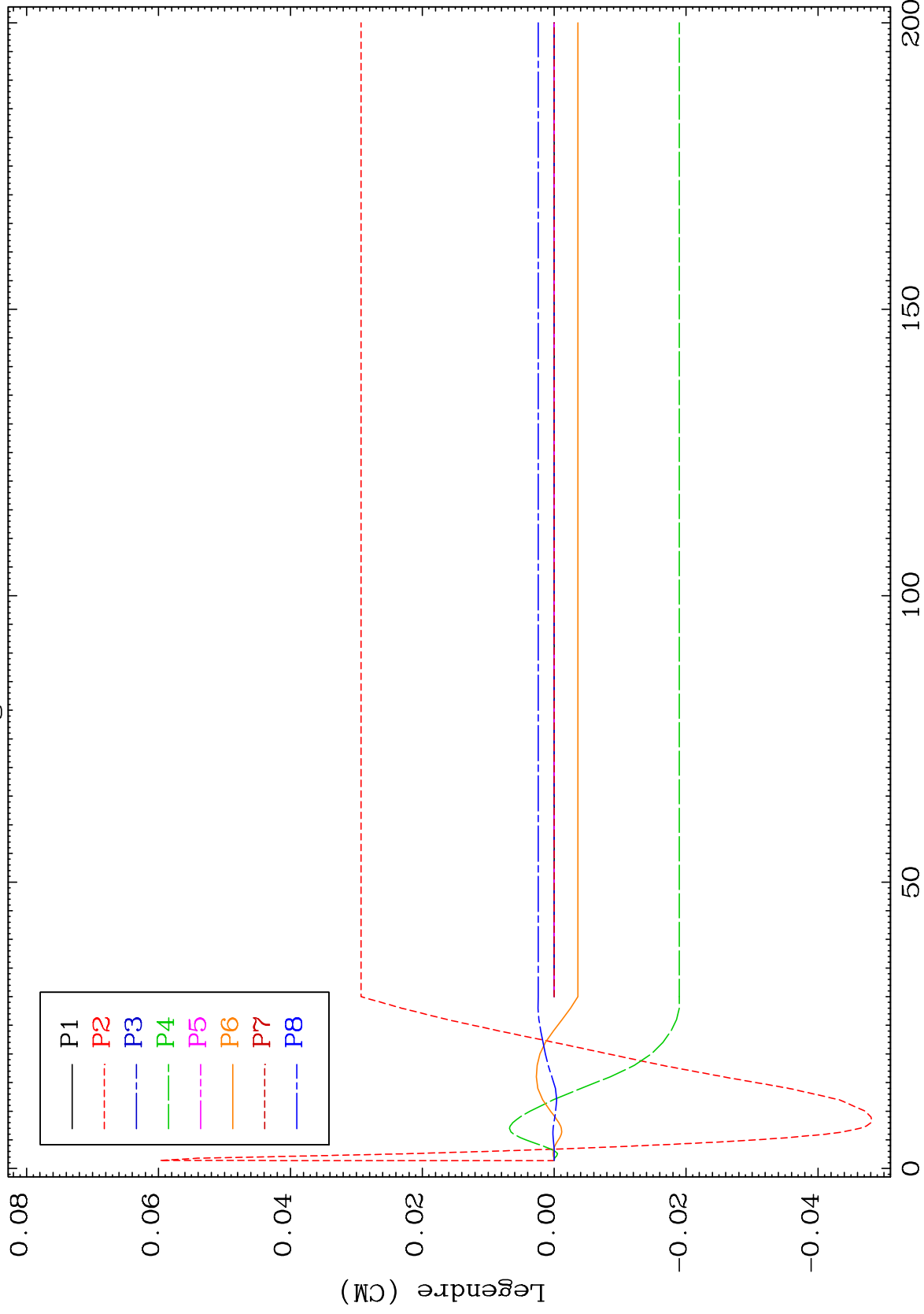
47-Ag-105



MAT 4719

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

47-Ag-105



74

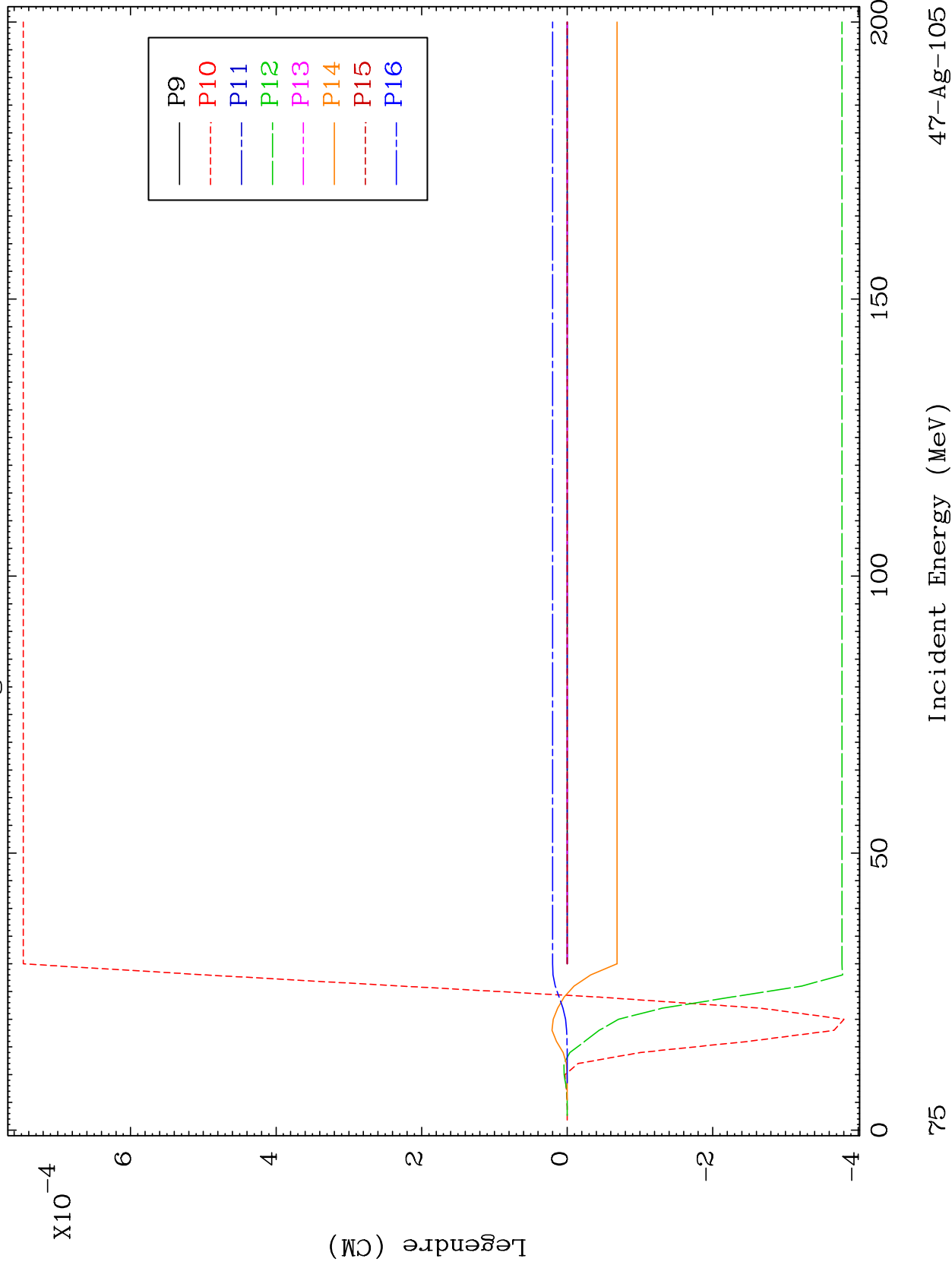
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



75

Incident Energy (MeV)

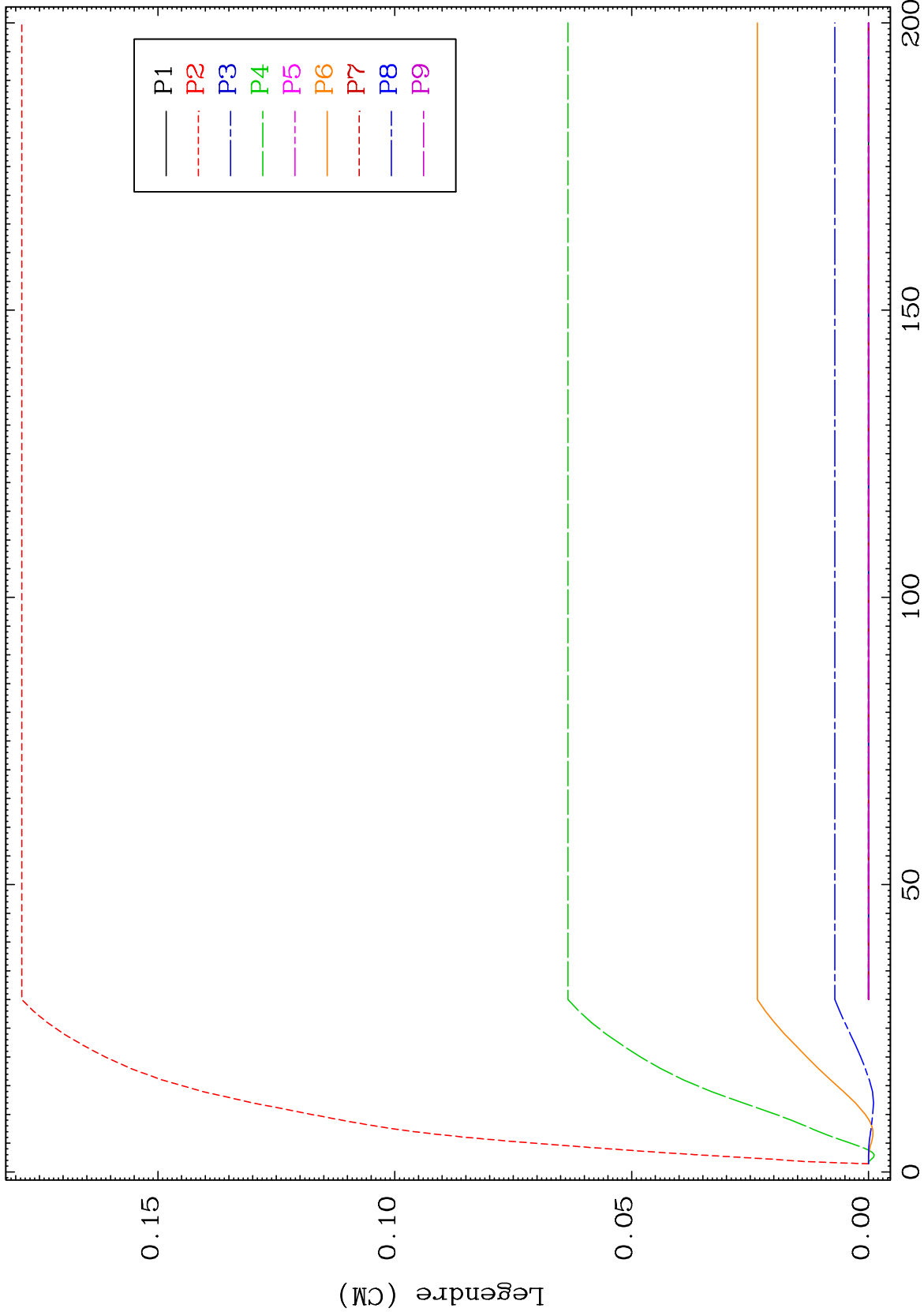
47-Ag-105



MAT 4719

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

47-Ag-105



77

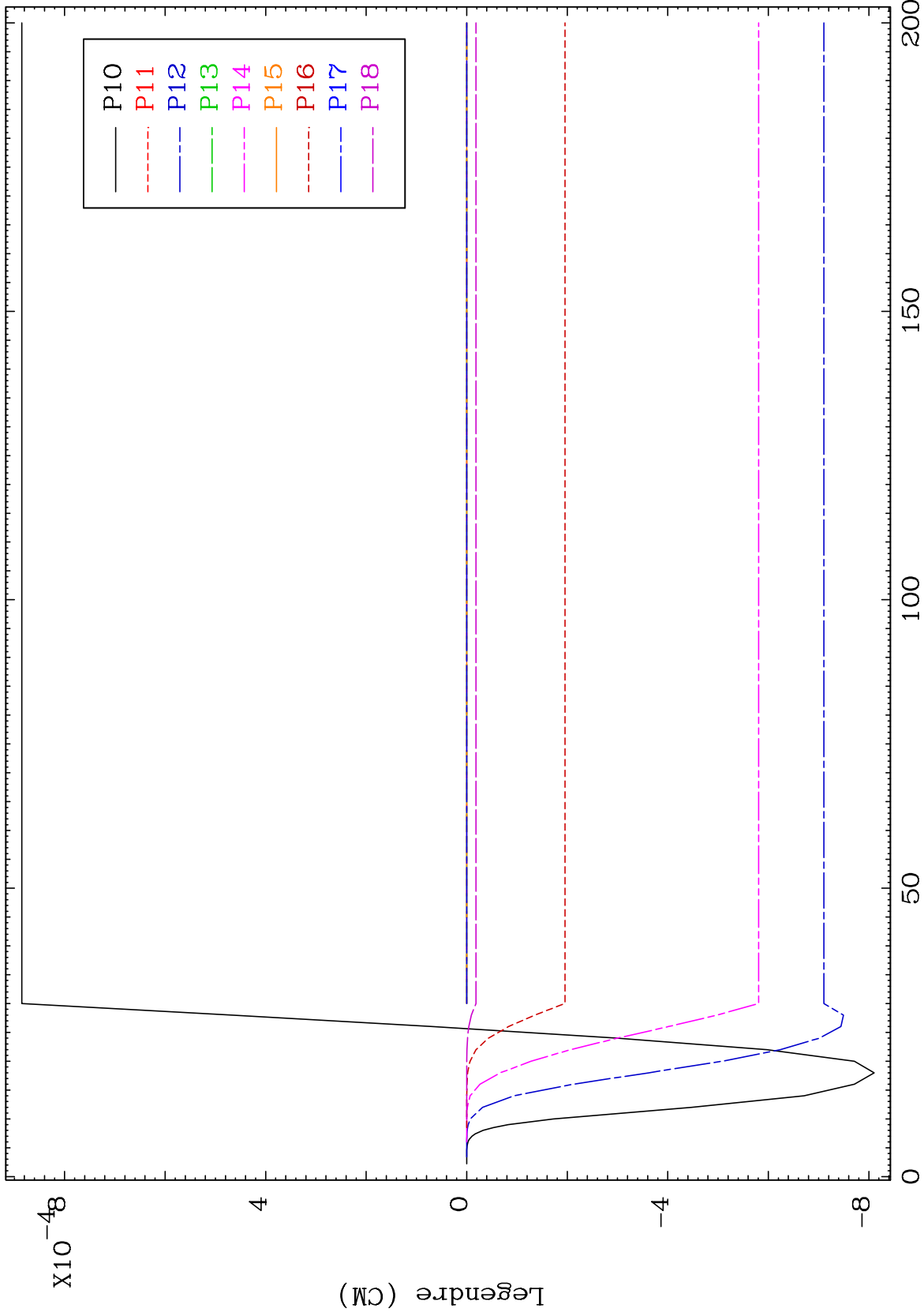
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

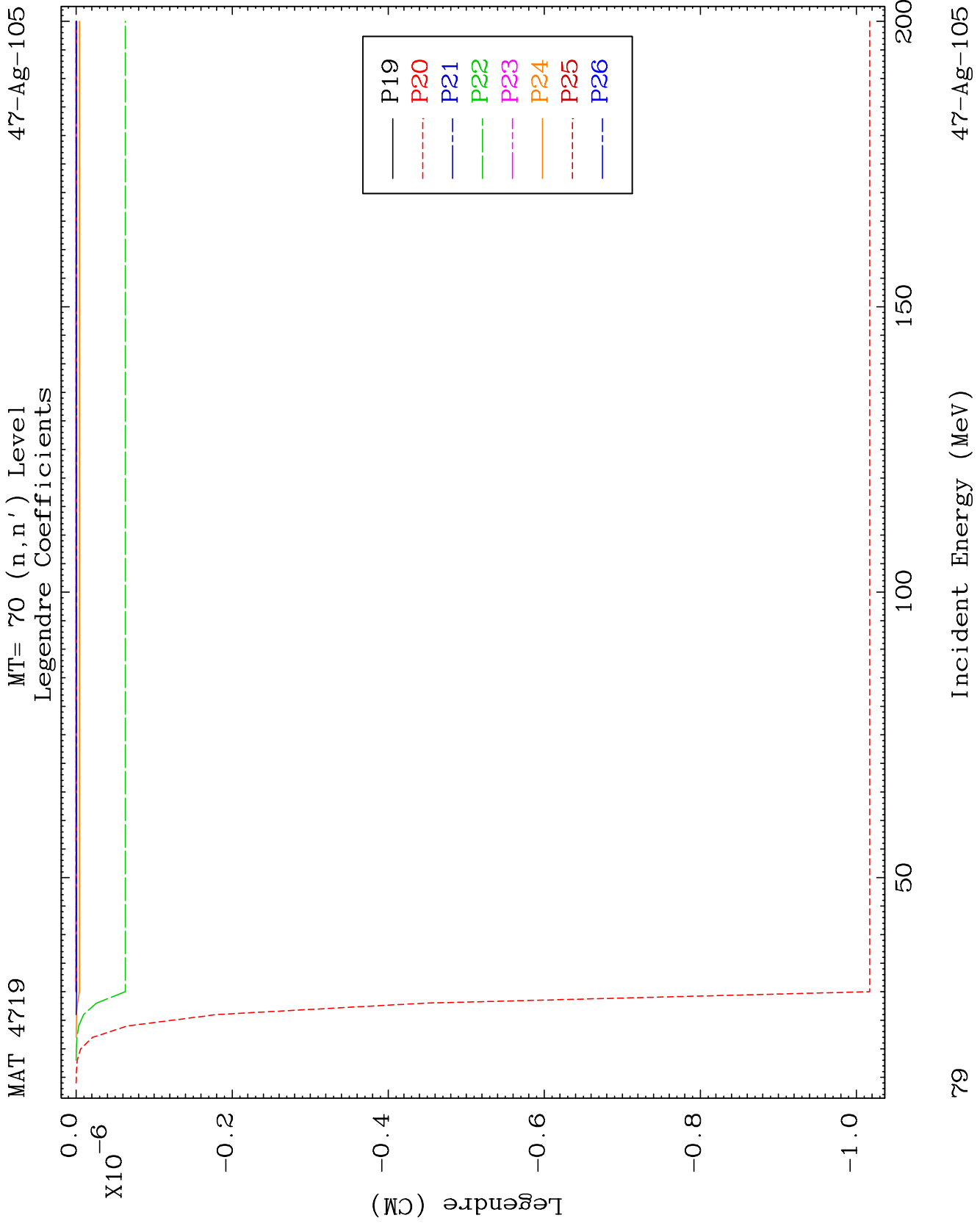
47-Ag-105



78

Incident Energy (MeV)

47-Ag-105



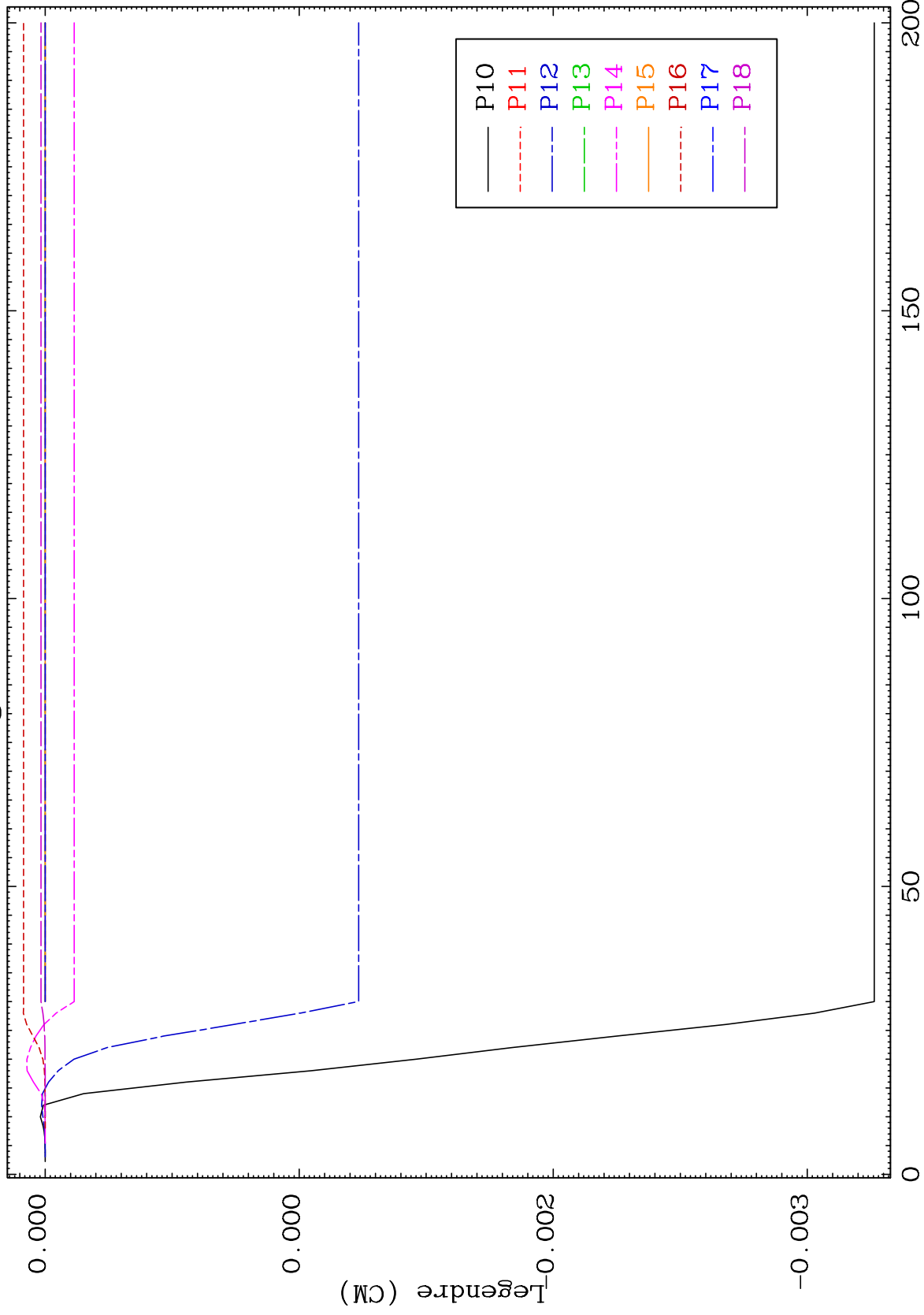




MAT 4719

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

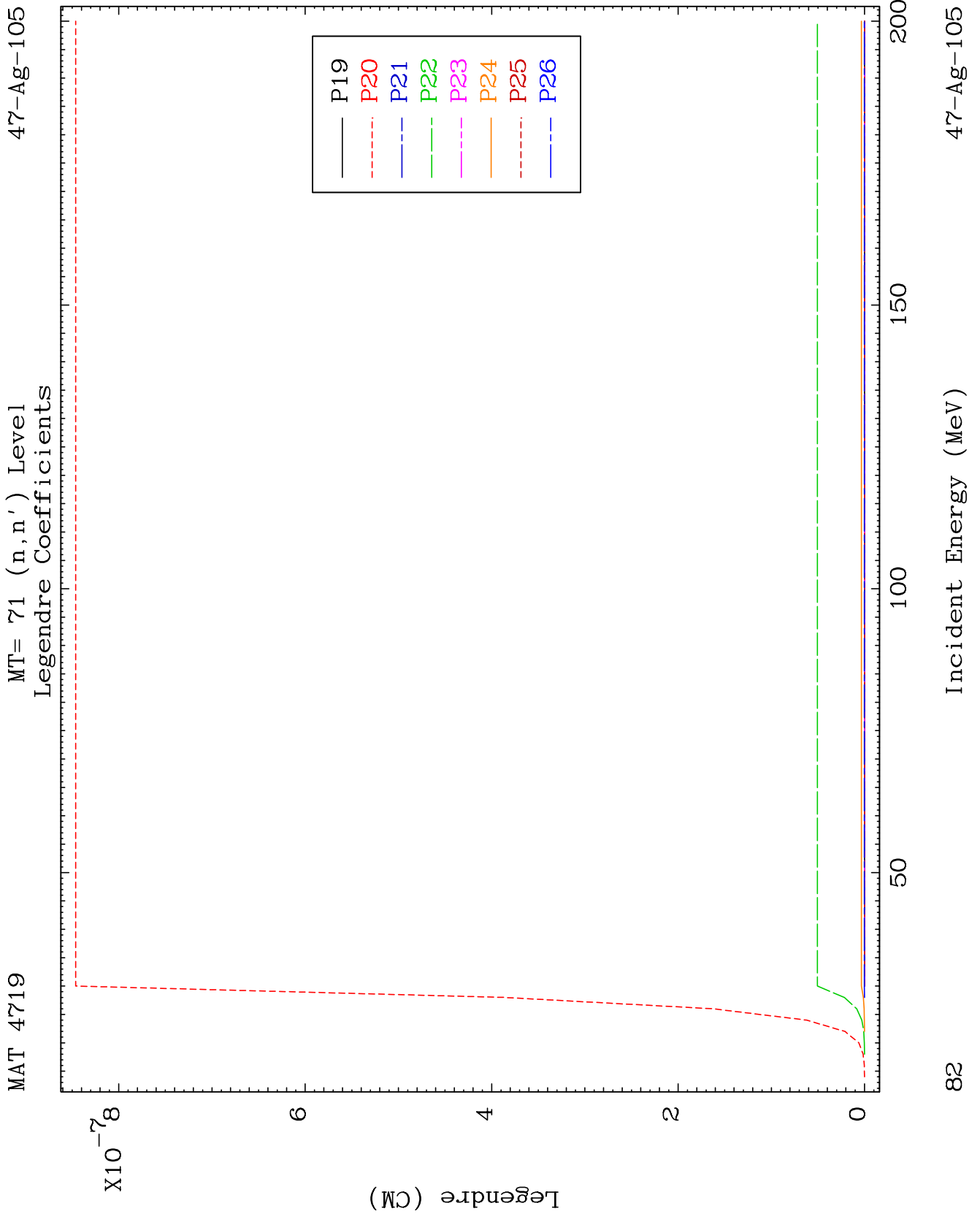
47-Ag-105



81

Incident Energy (MeV)

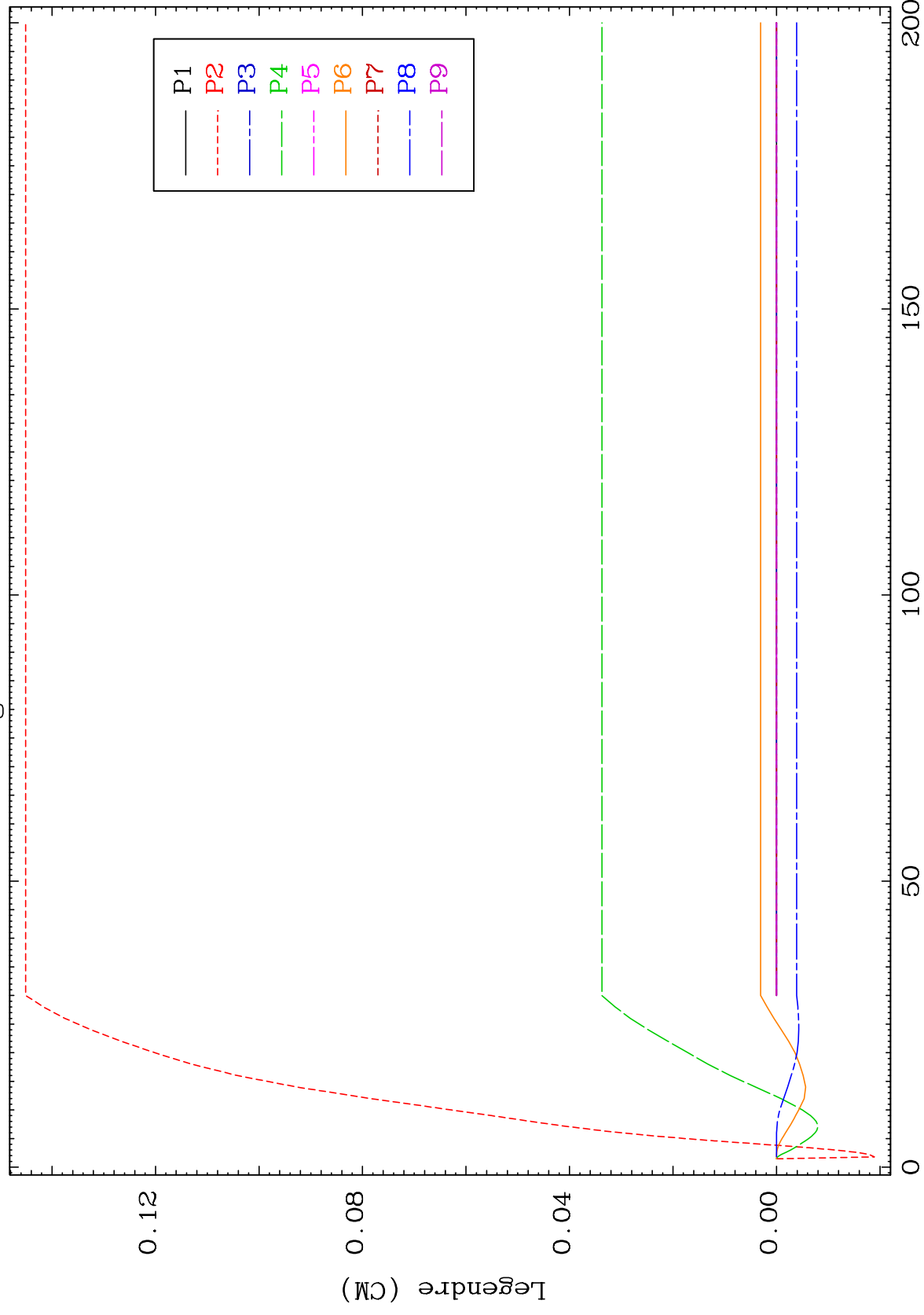
47-Ag-105



MAT 4719

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

47-Ag-105



83

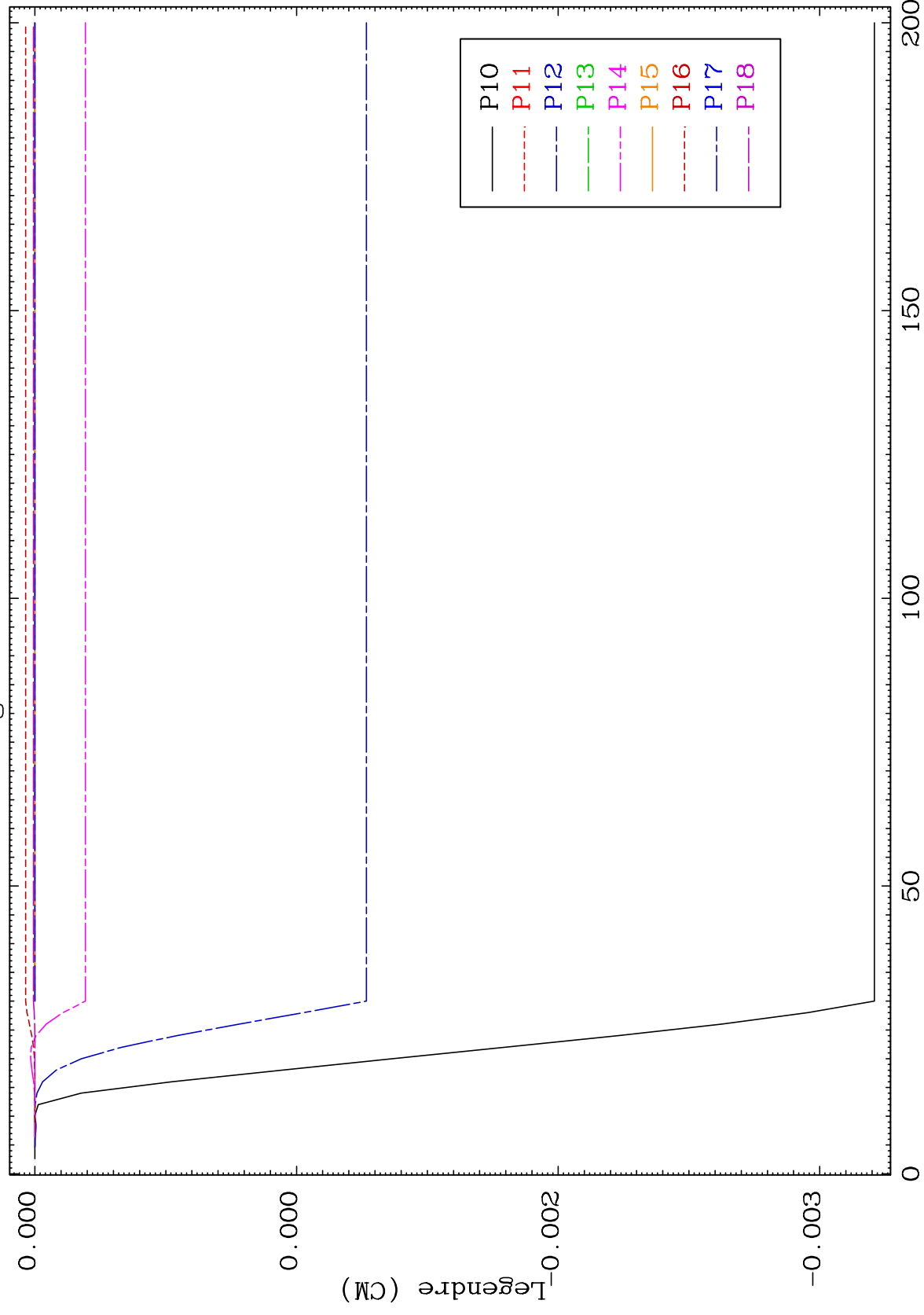
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

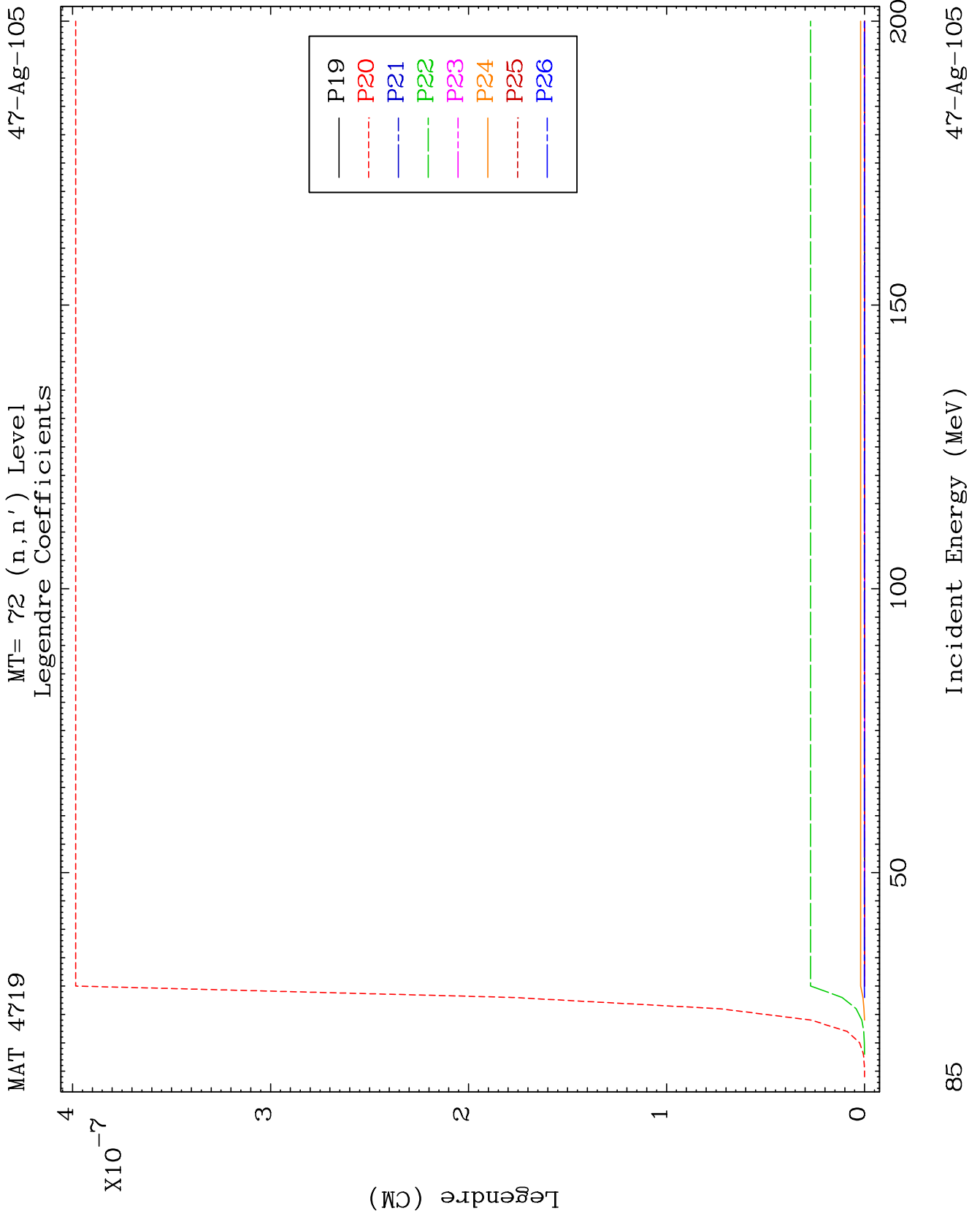
47-Ag-105



84

Incident Energy (MeV)

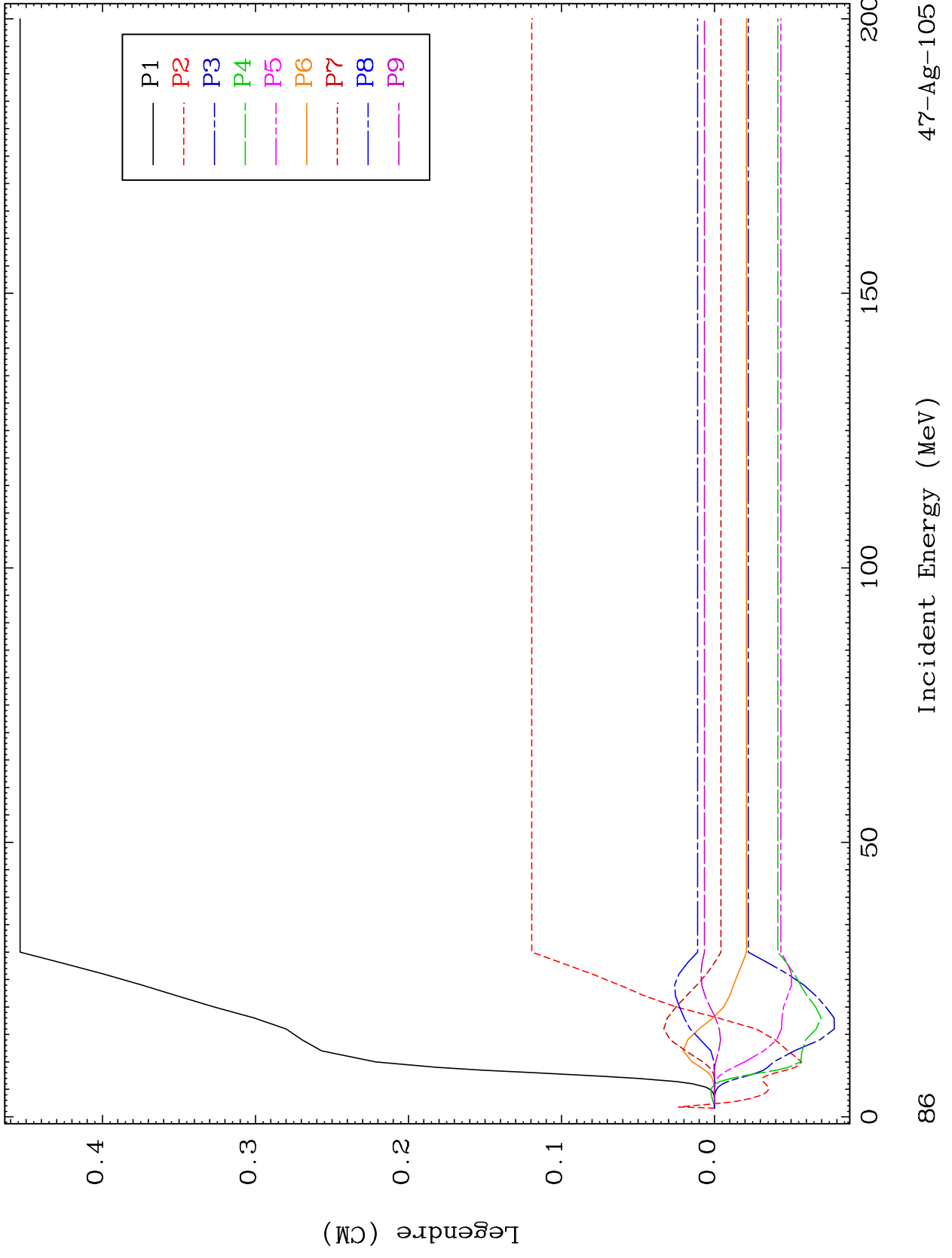
47-Ag-105



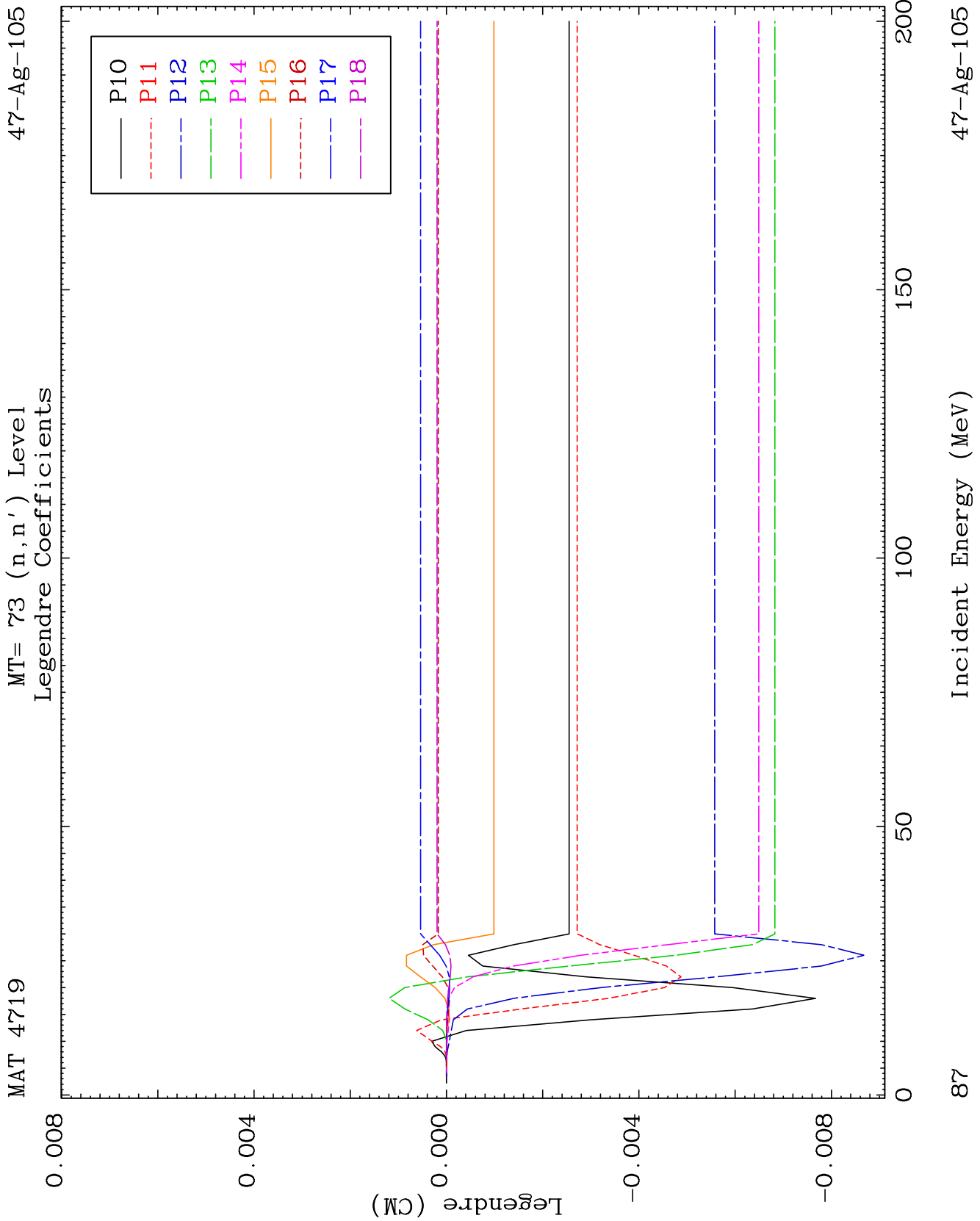
MAT 4719

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

47-Ag-105



47-Ag-105

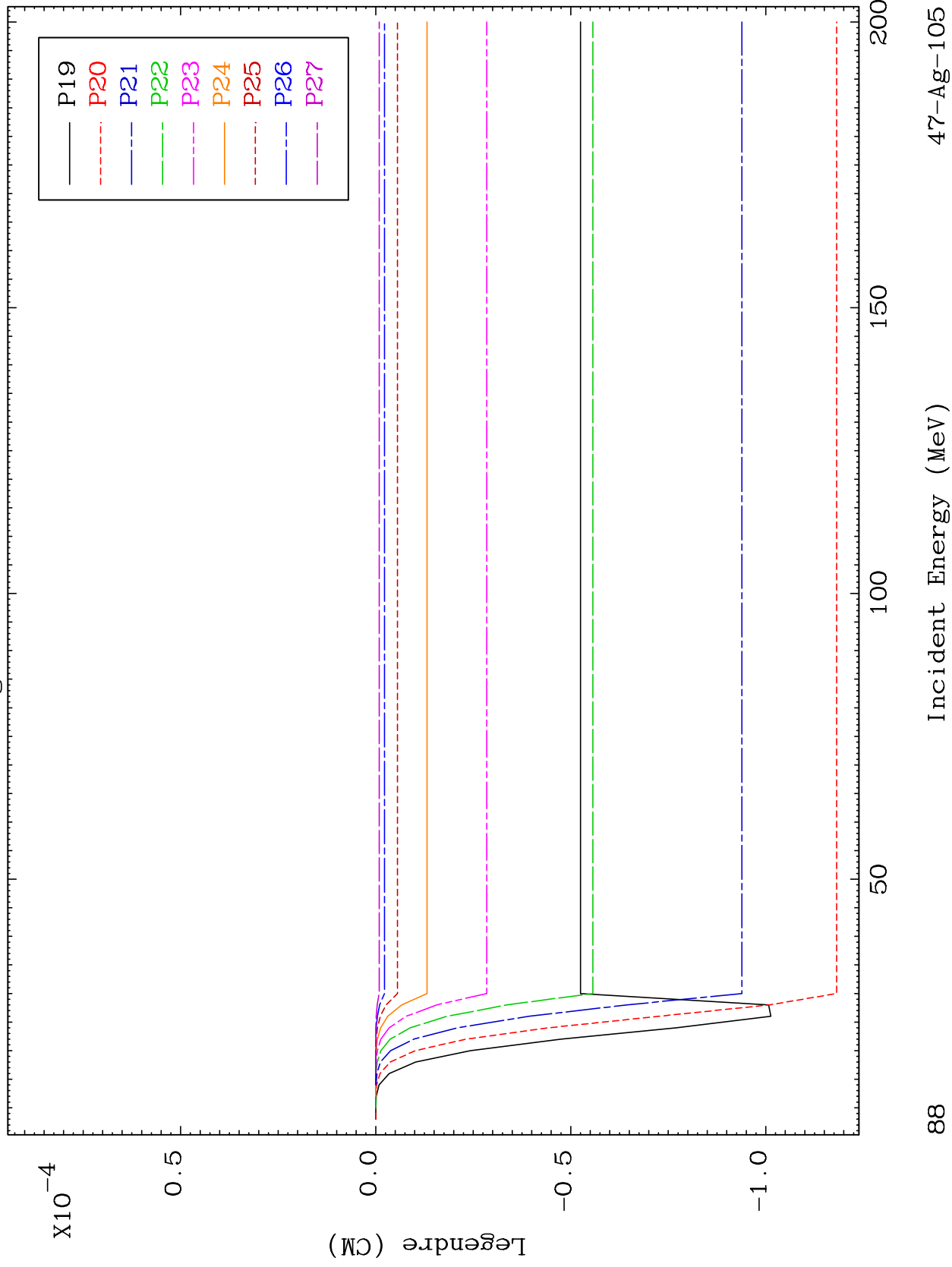




MAT 4719

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

47-Ag-105



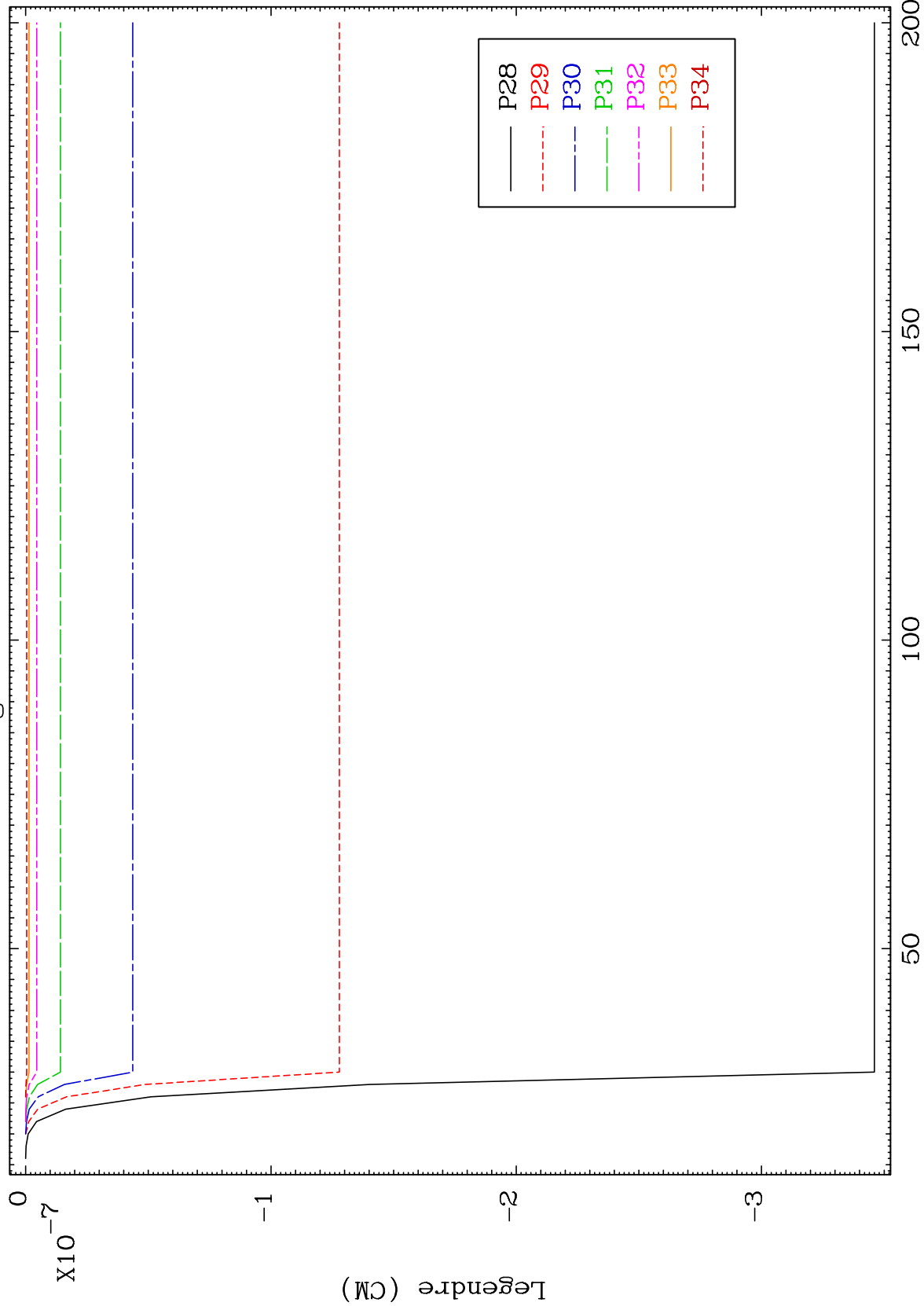
88

MAT 4719

MT= 73 (n,n') Level

47-Ag-105

Legendre Coefficients



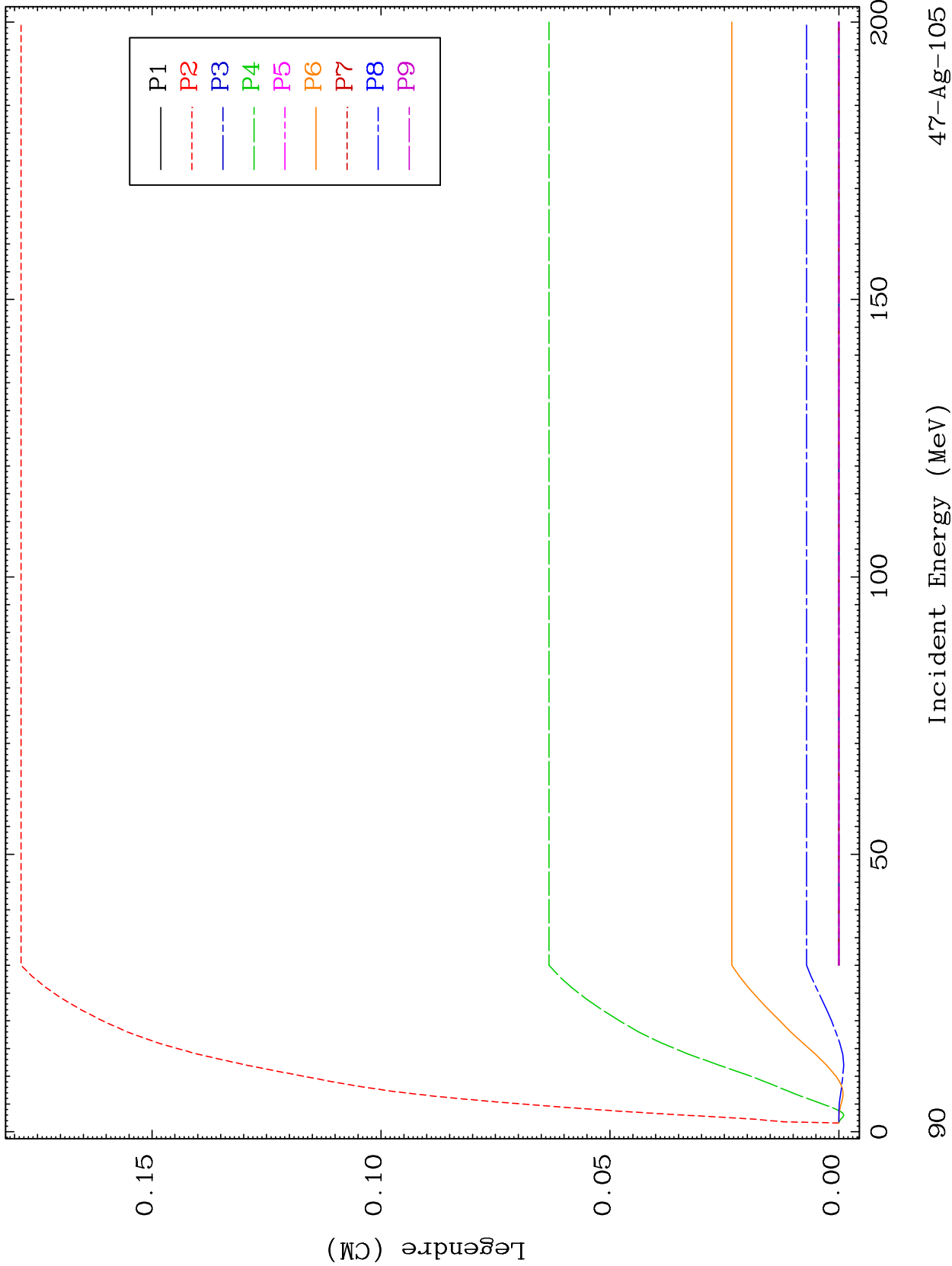
89

47-Ag-105

MAT 4719

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

47-Ag-105



47-Ag-105

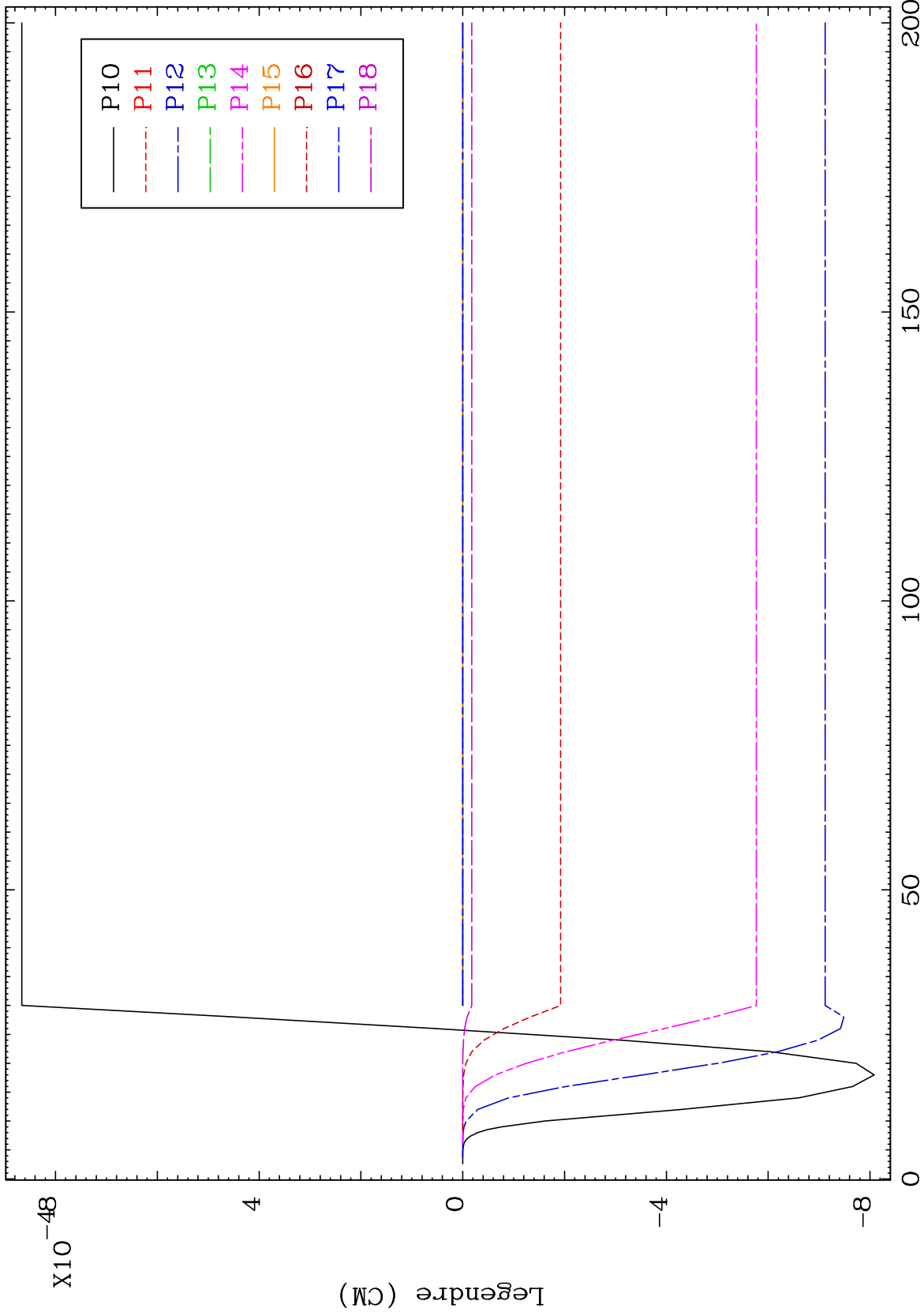
Incident Energy (MeV)

90

MAT 4719

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

47-Ag-105



91

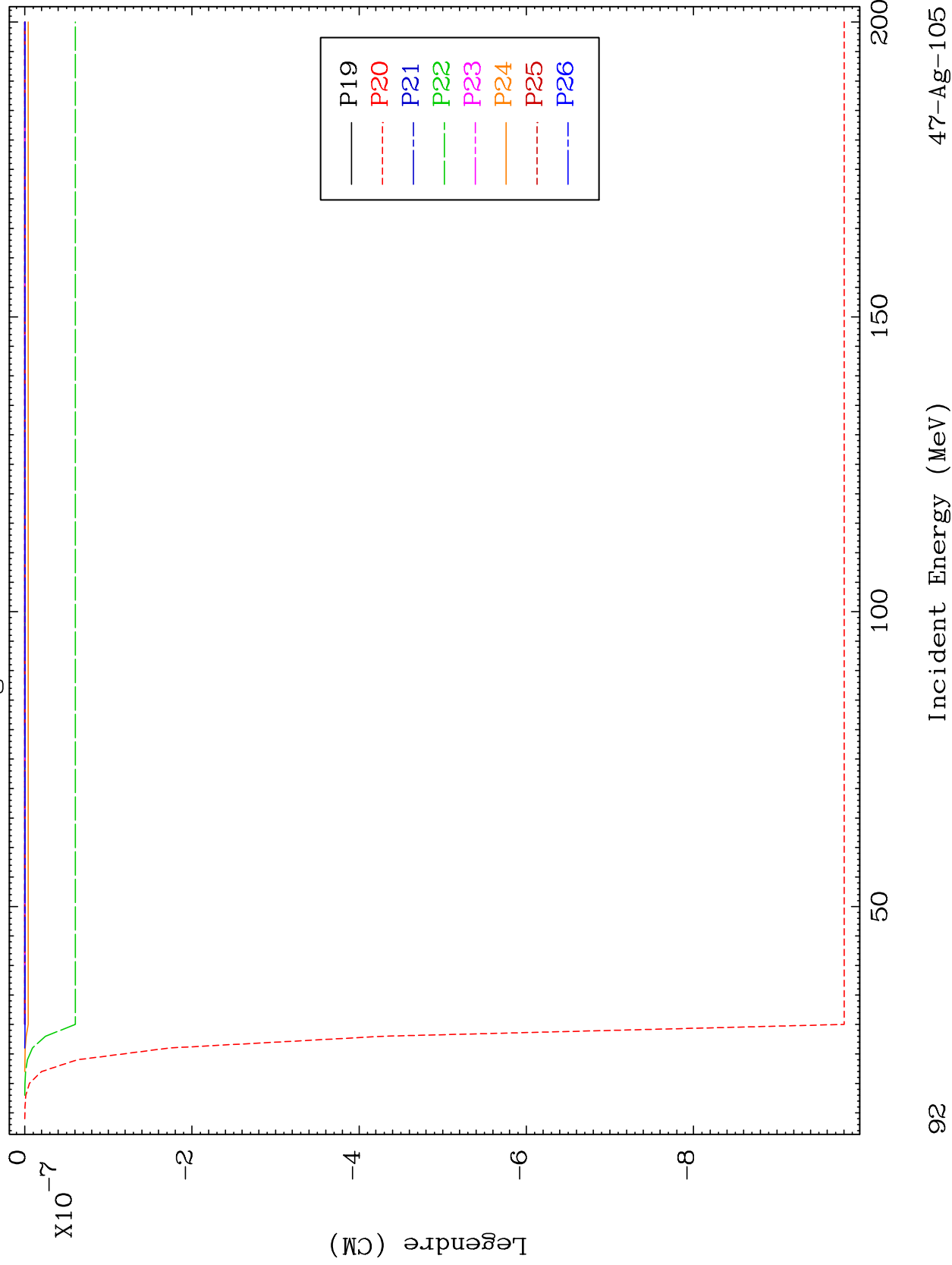
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



92

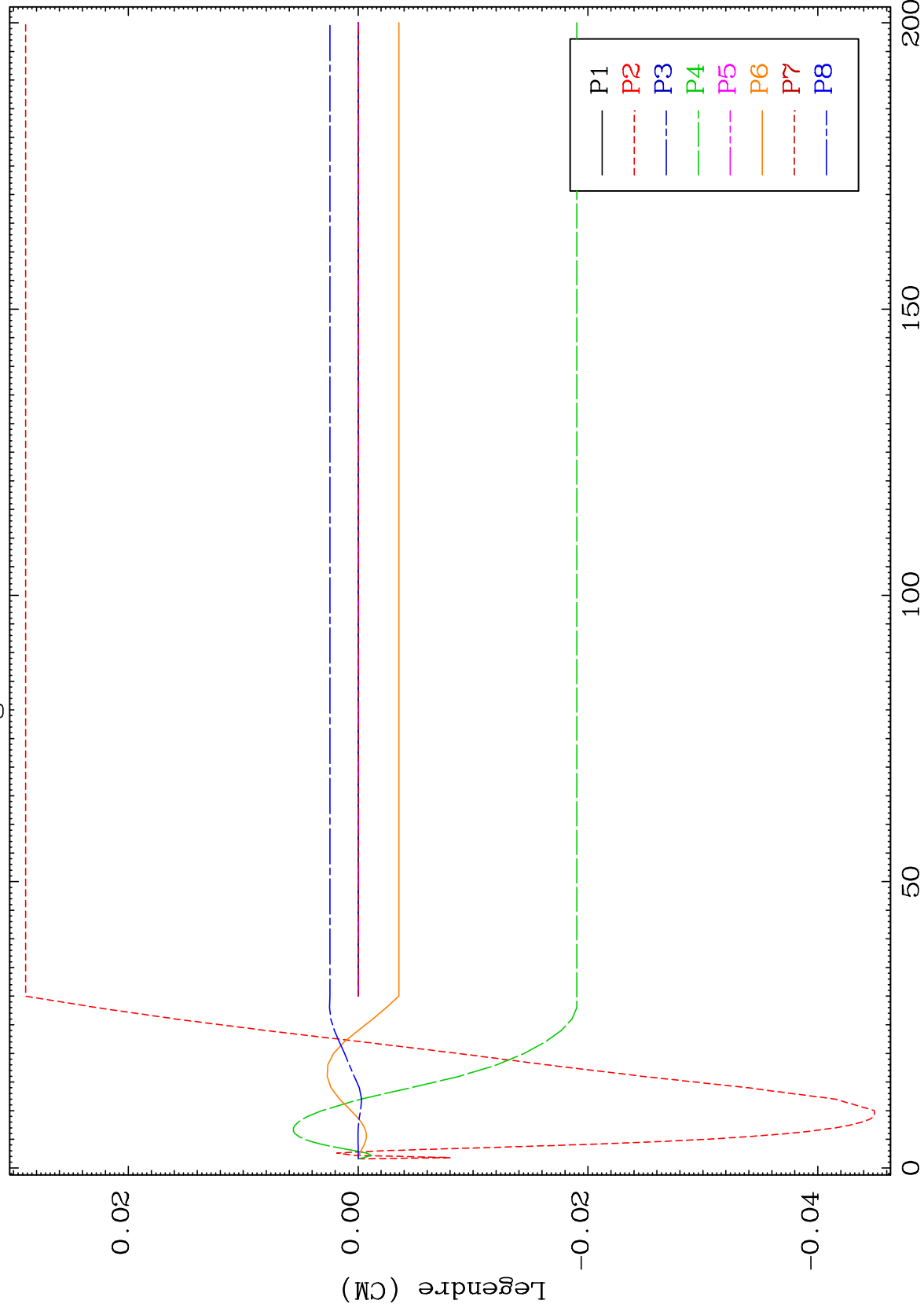
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



93

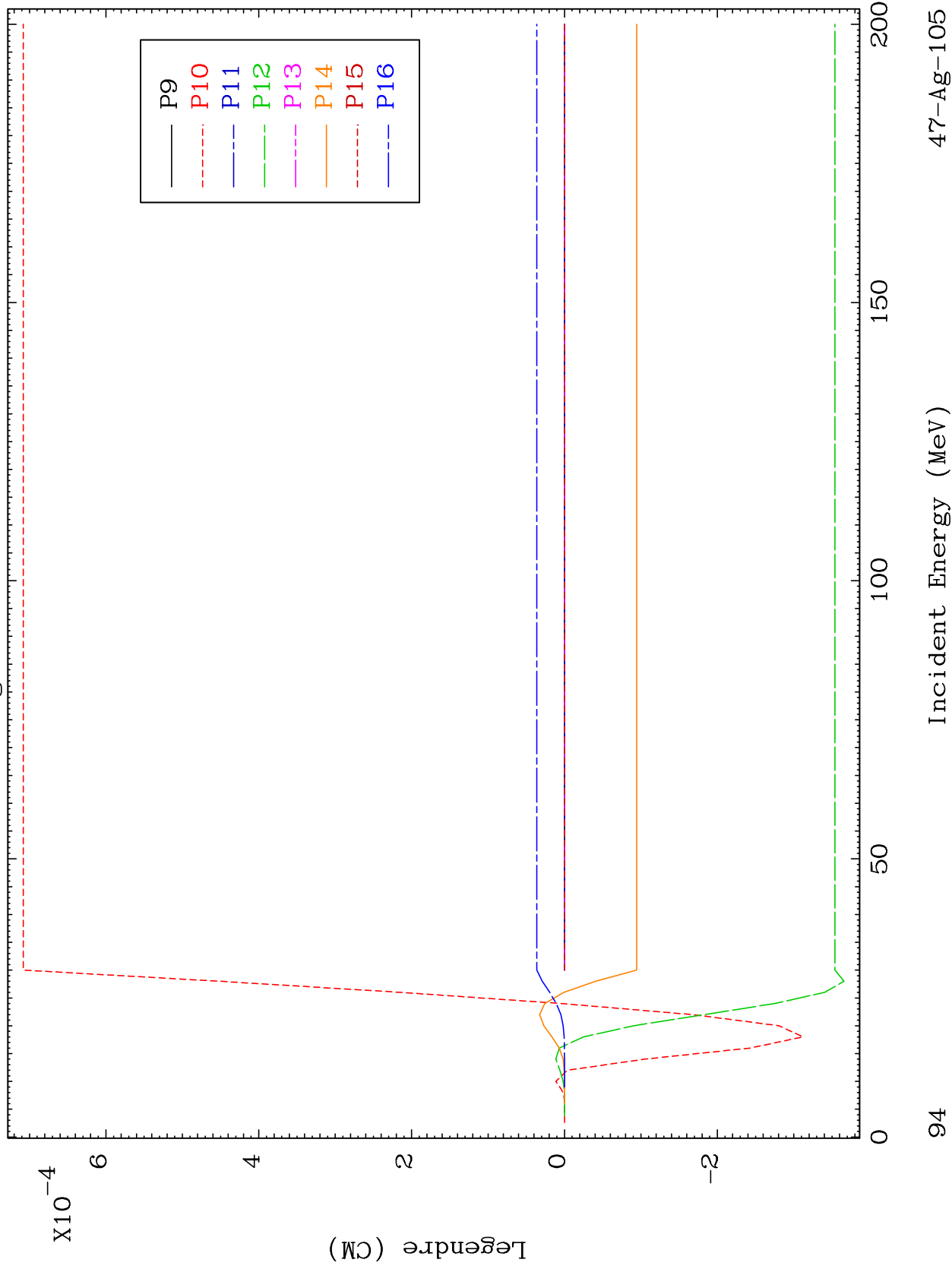
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

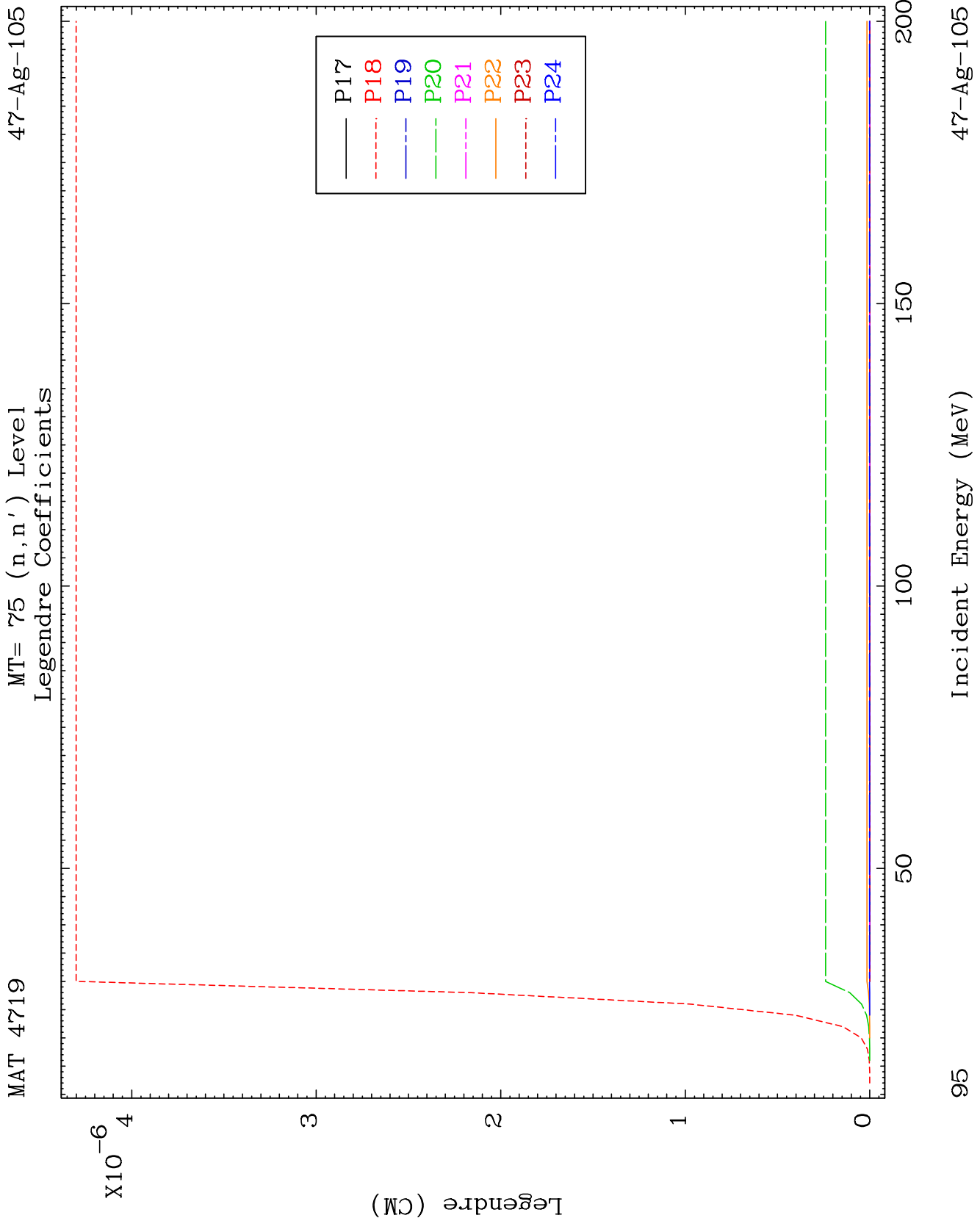
47-Ag-105



94

Incident Energy (MeV)

47-Ag-105



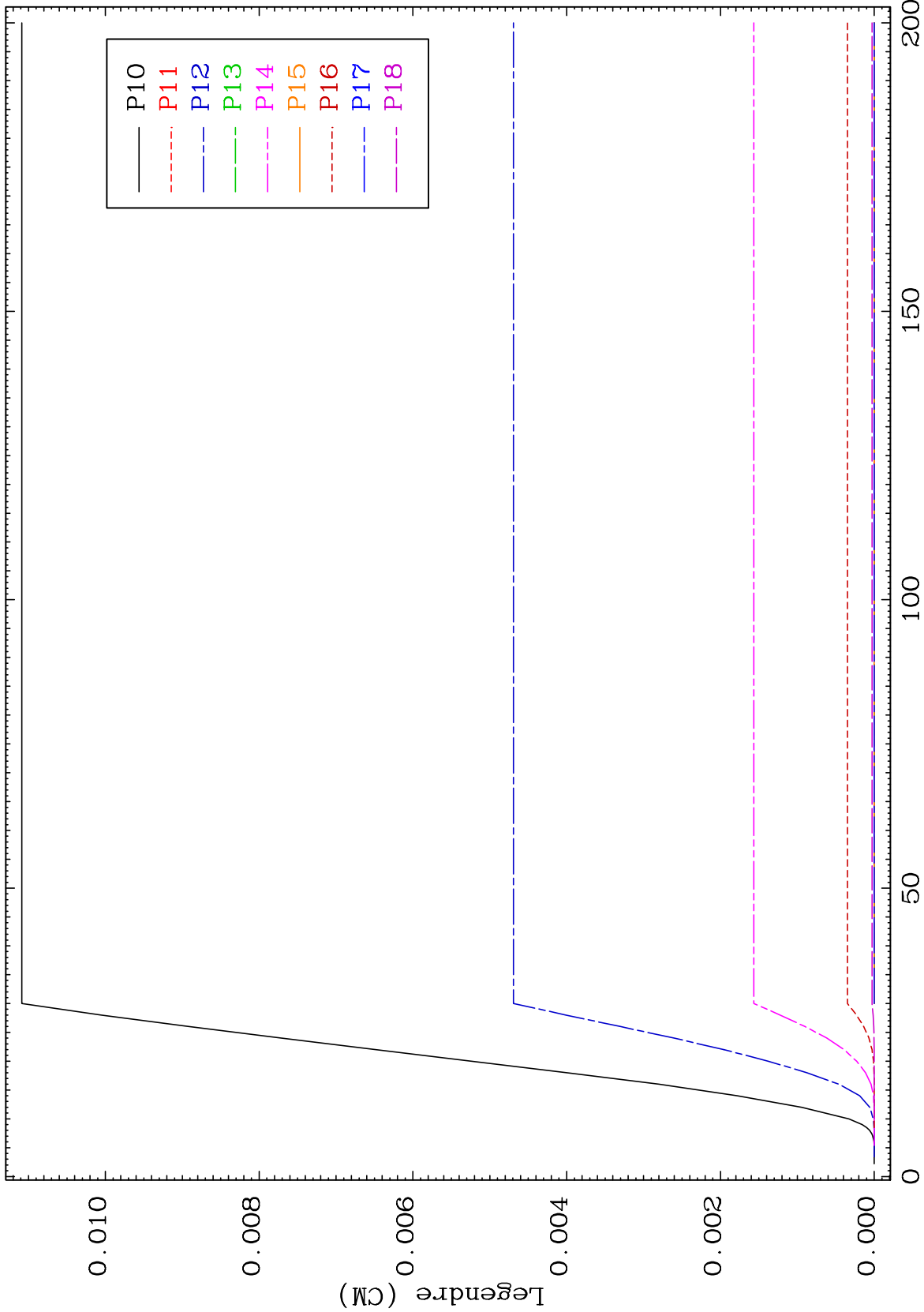




MAT 4719

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

47-Ag-105



97

Incident Energy (MeV)

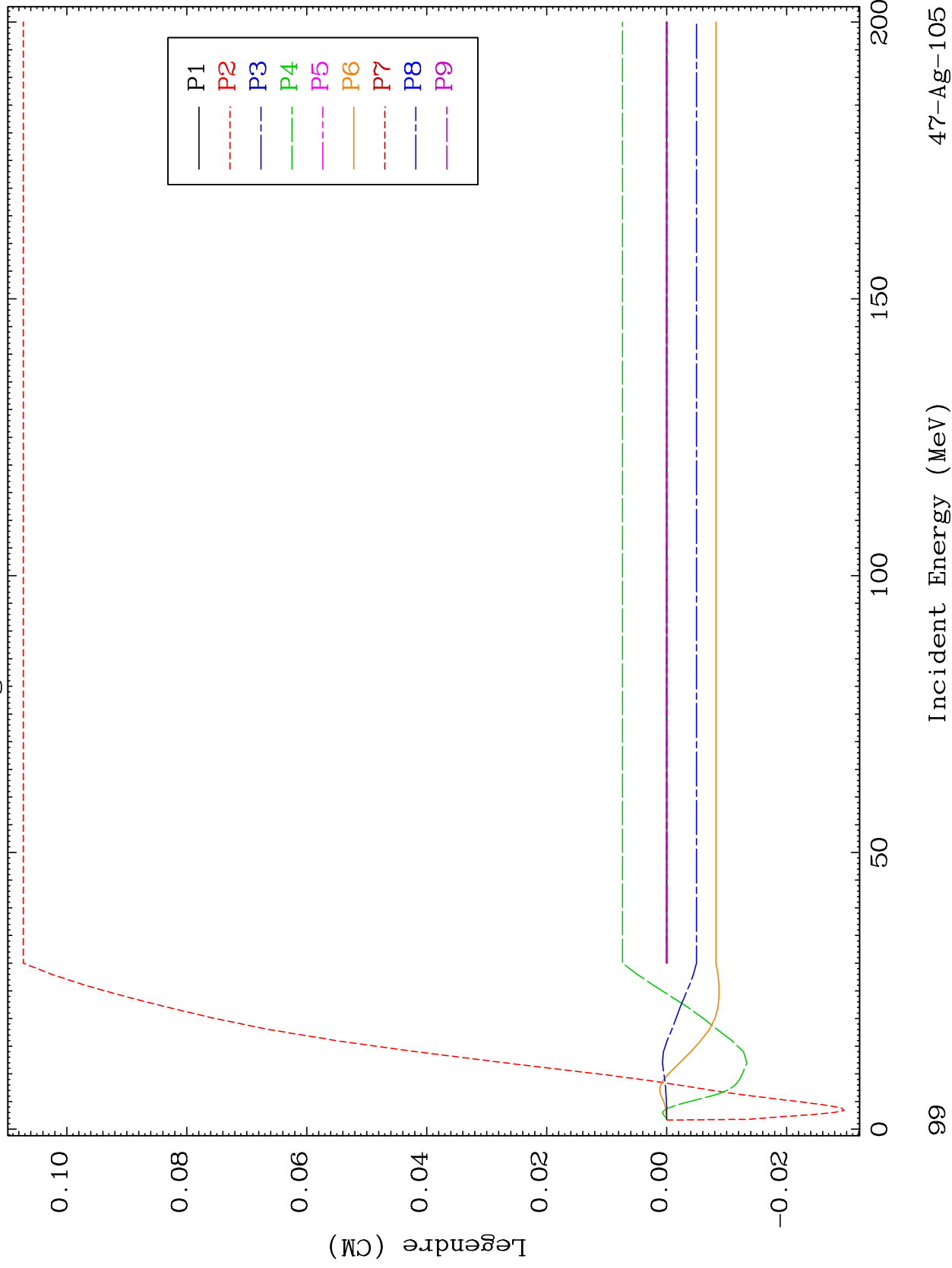
47-Ag-105



MAT 4719

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

47-Ag-105



47-Ag-105

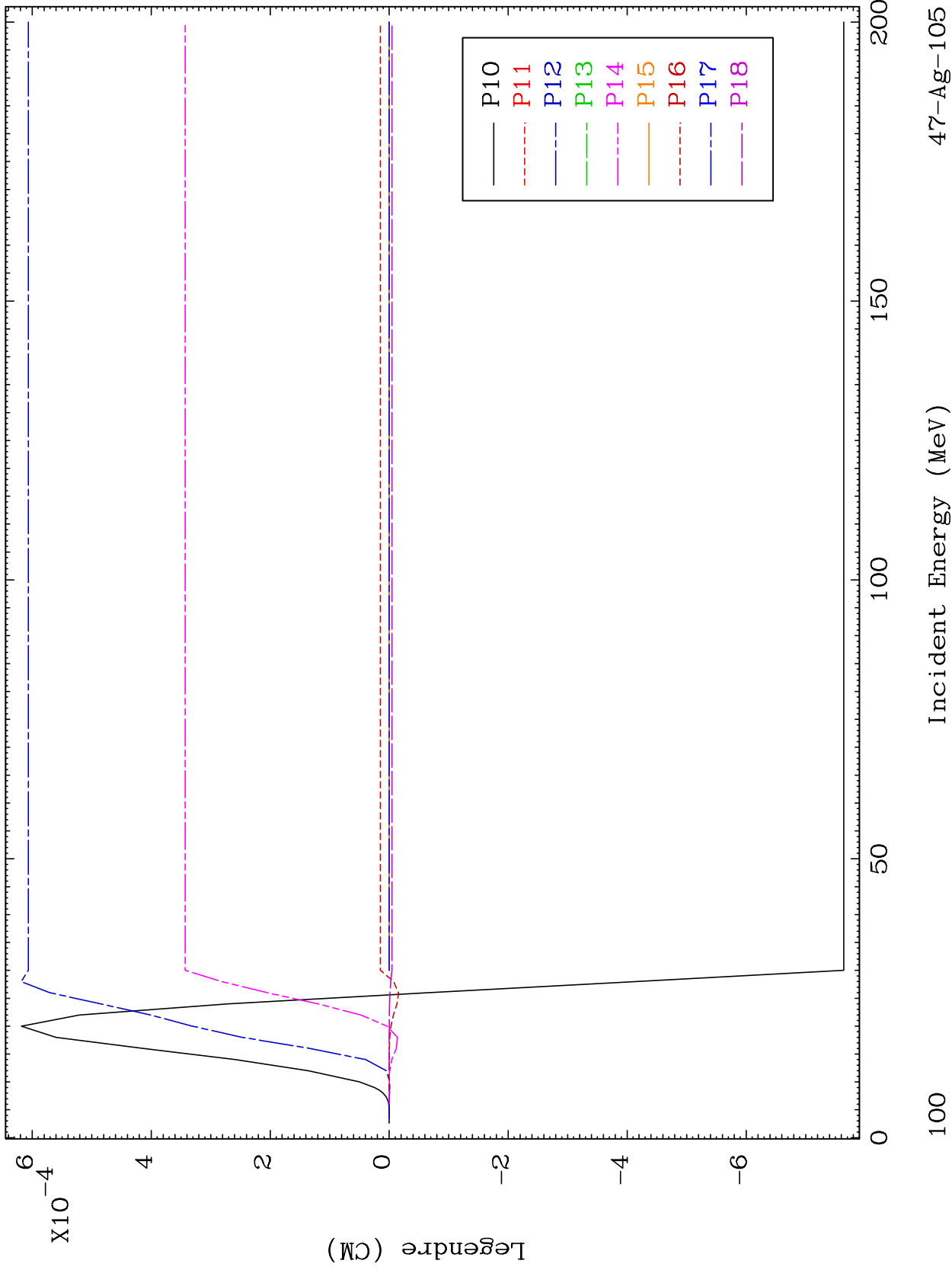
Incident Energy (MeV)

99

MAT 4719

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

47-Ag-105



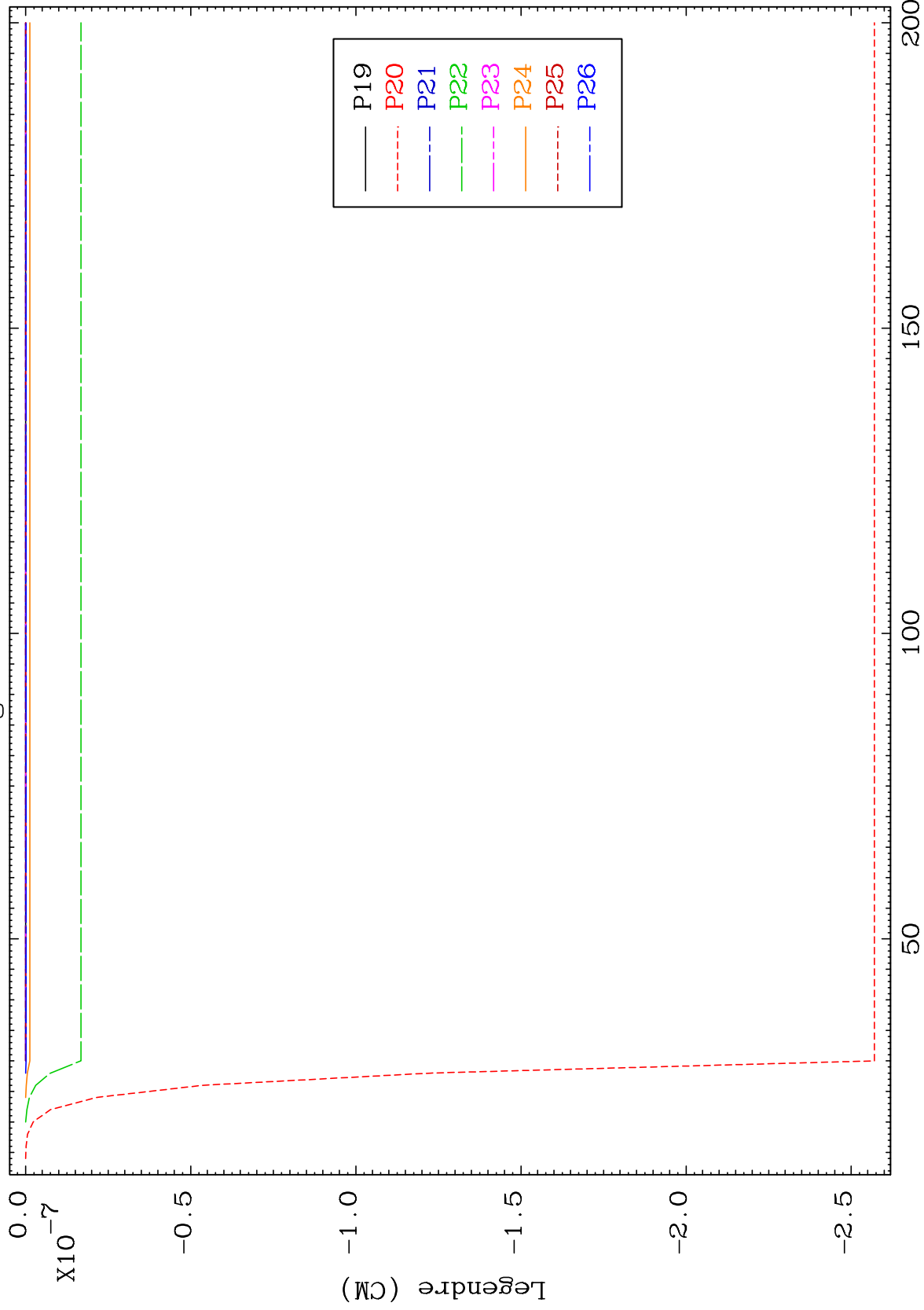
47-Ag-105

Incident Energy (MeV)

MAT 4719

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

47-Ag-105



101

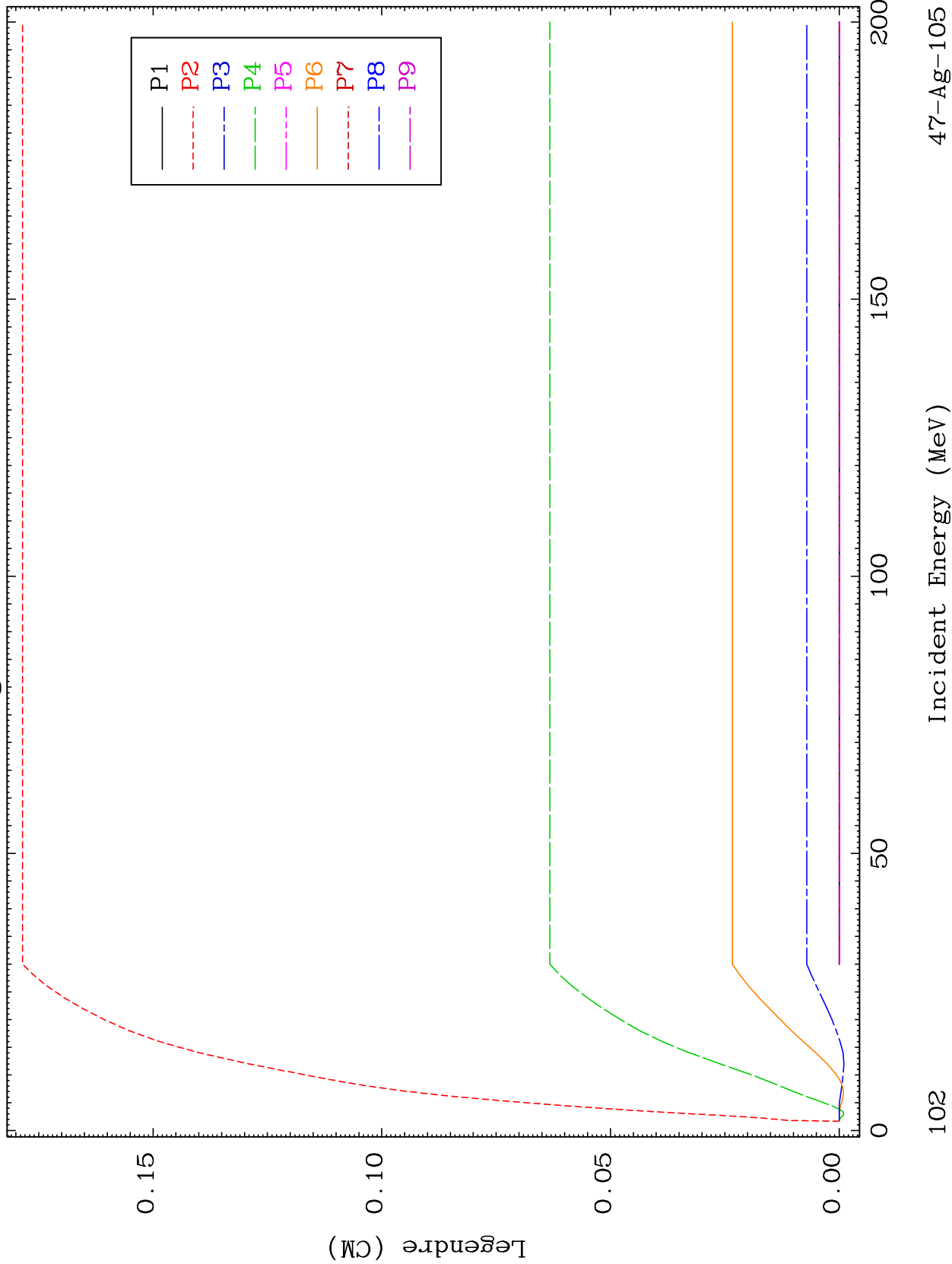
Incident Energy (MeV)

47-Ag-105

MAT 4719

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

47-Ag-105



47-Ag-105

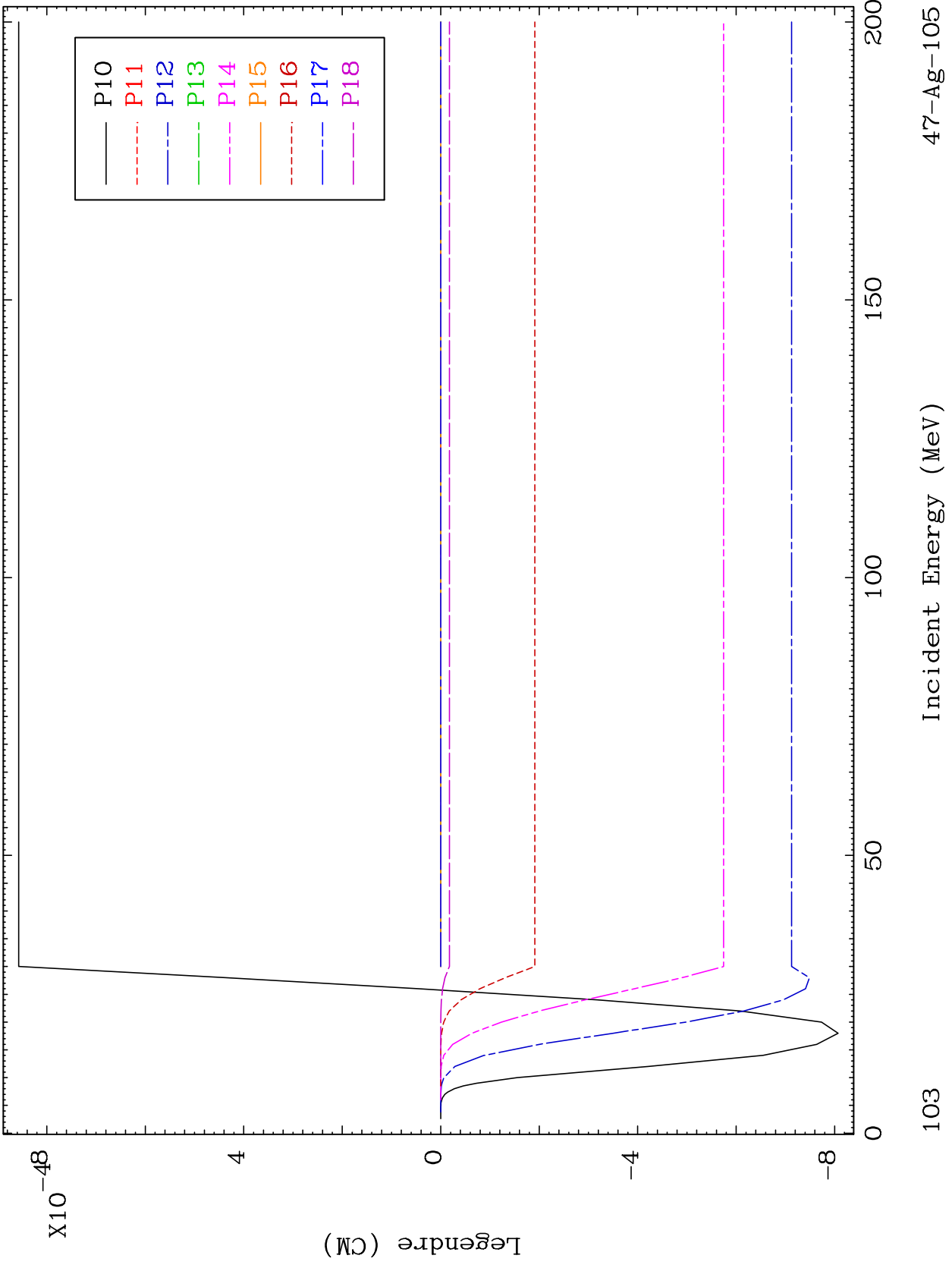
Incident Energy (MeV)

102

MAT 4719

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

47-Ag-105



103

Incident Energy (MeV)

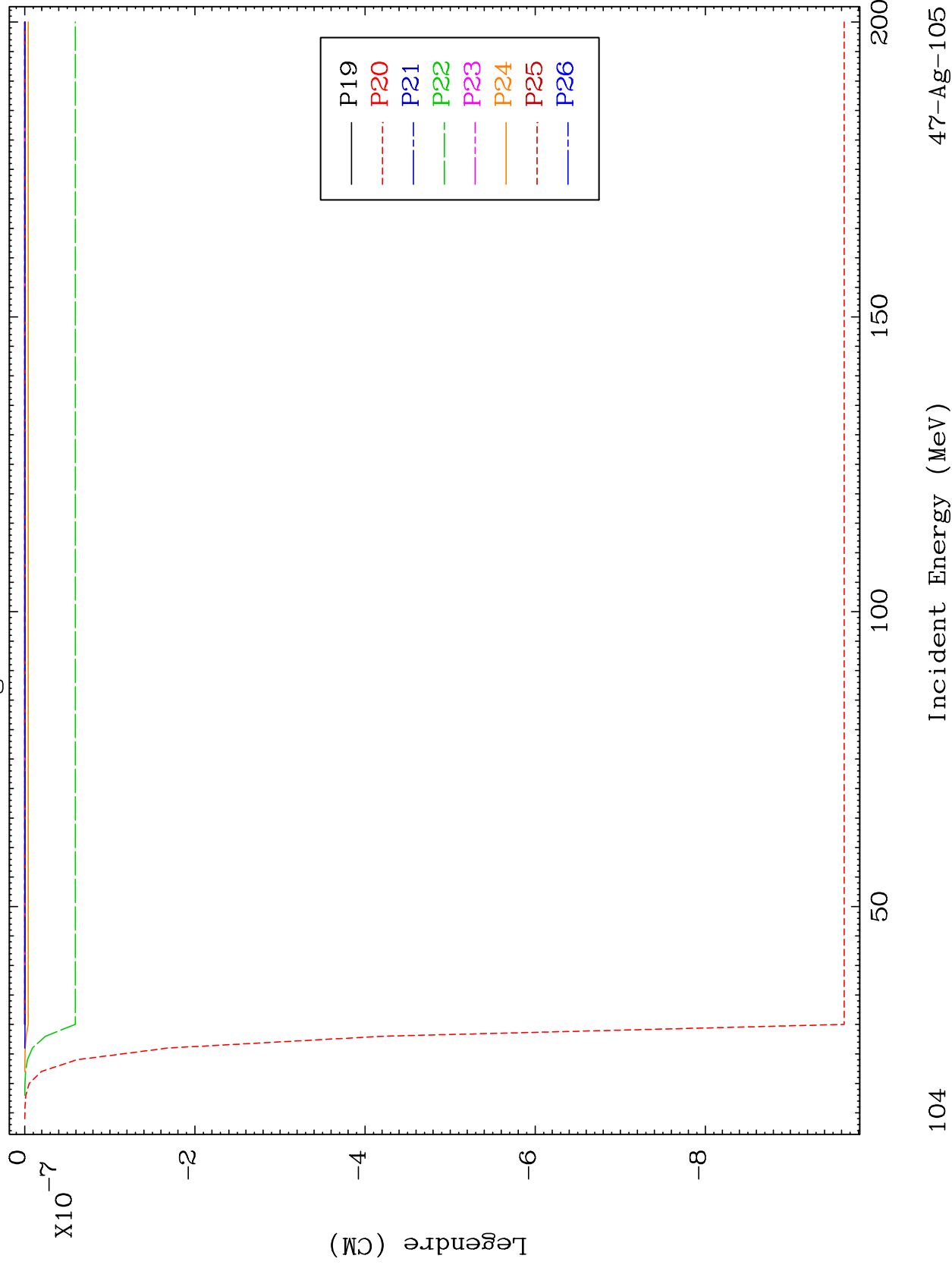
47-Ag-105



MAT 4719

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

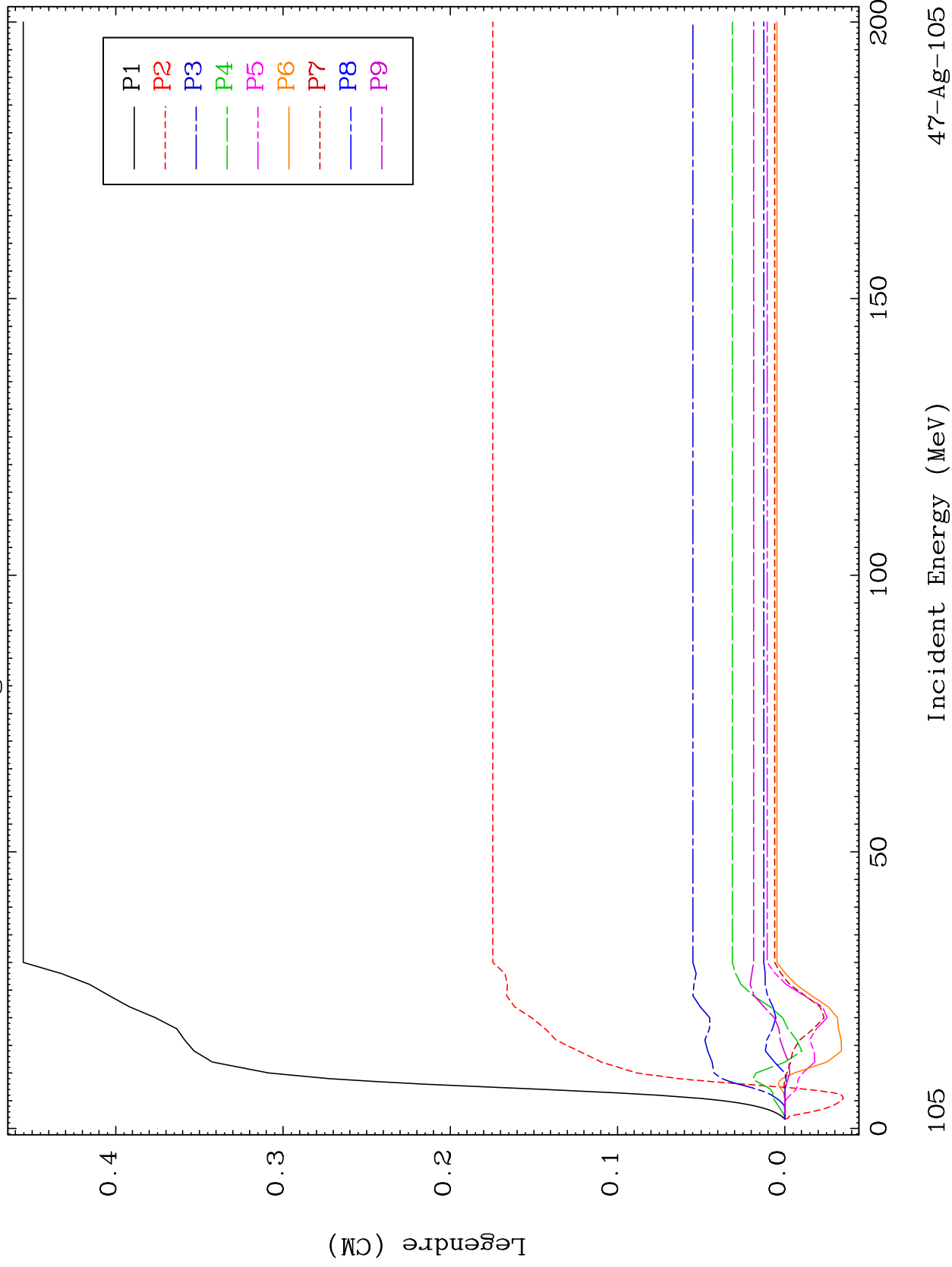
47-Ag-105



MAT 4719

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

47-Ag-105



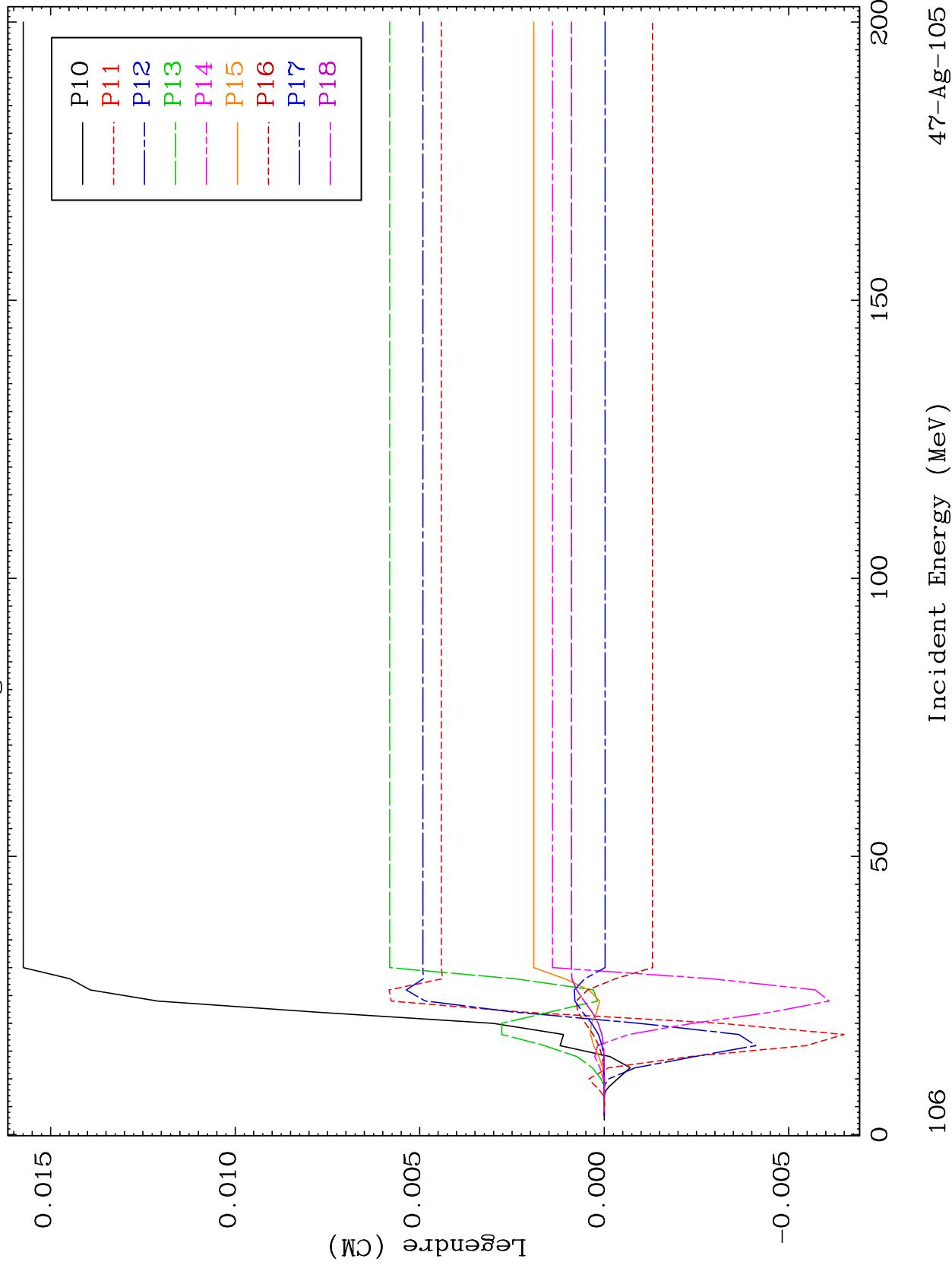
47-Ag-105

Incident Energy (MeV)

MAT 4719

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

47-Ag-105



47-Ag-105

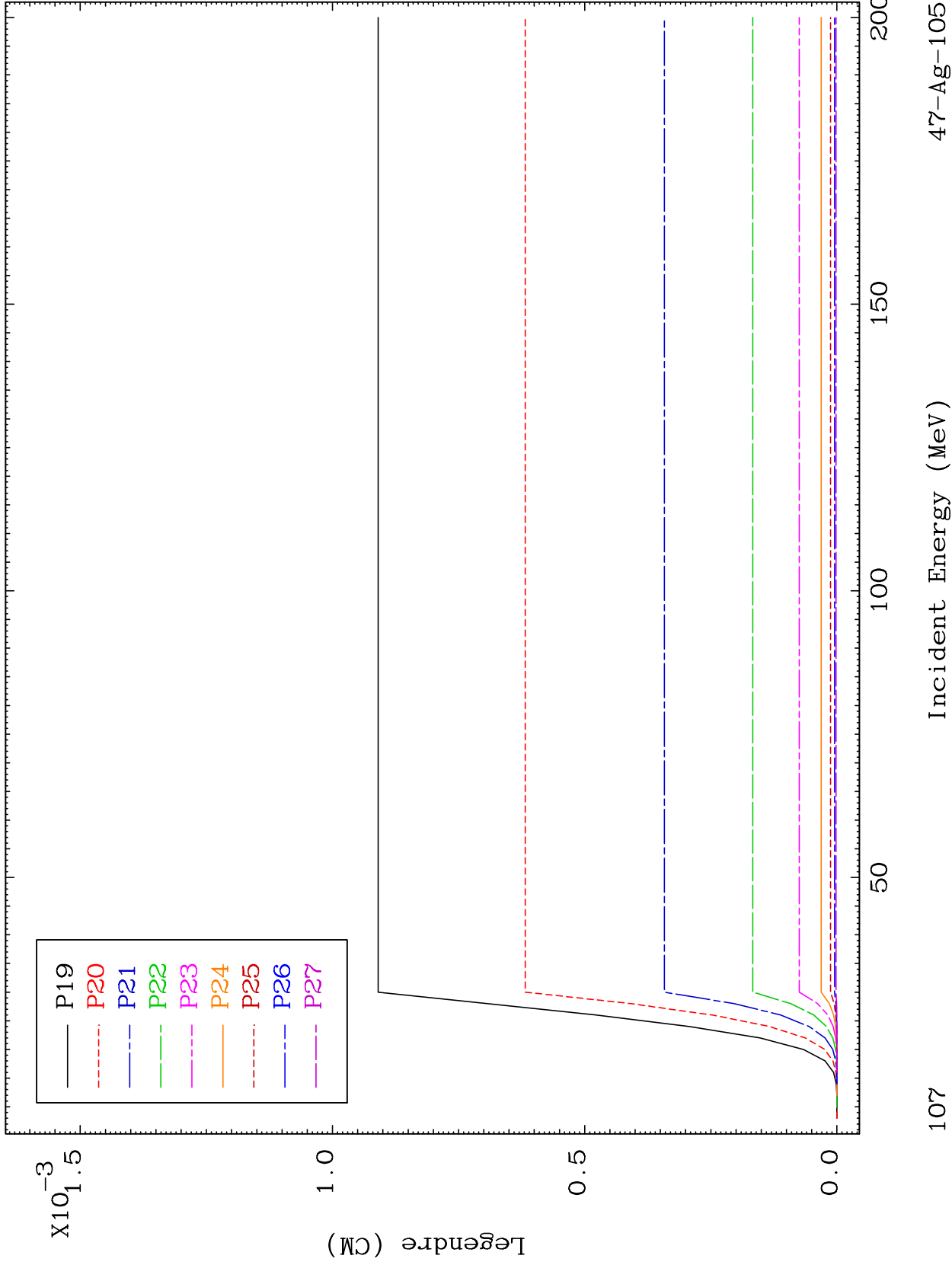
Incident Energy (MeV)

106

MAT 4719

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

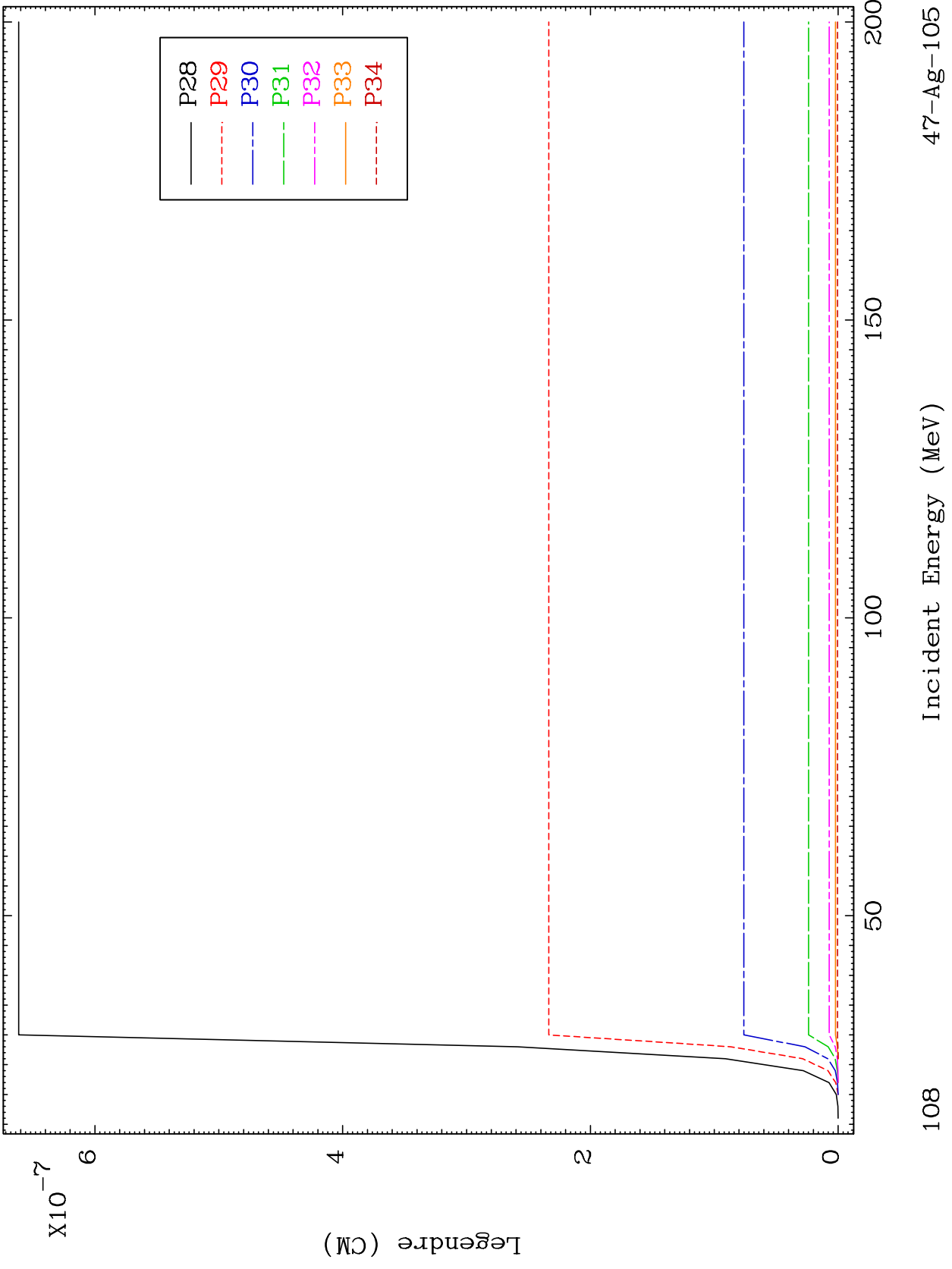
47-Ag-105



MAT 4719

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

47-Ag-105



108

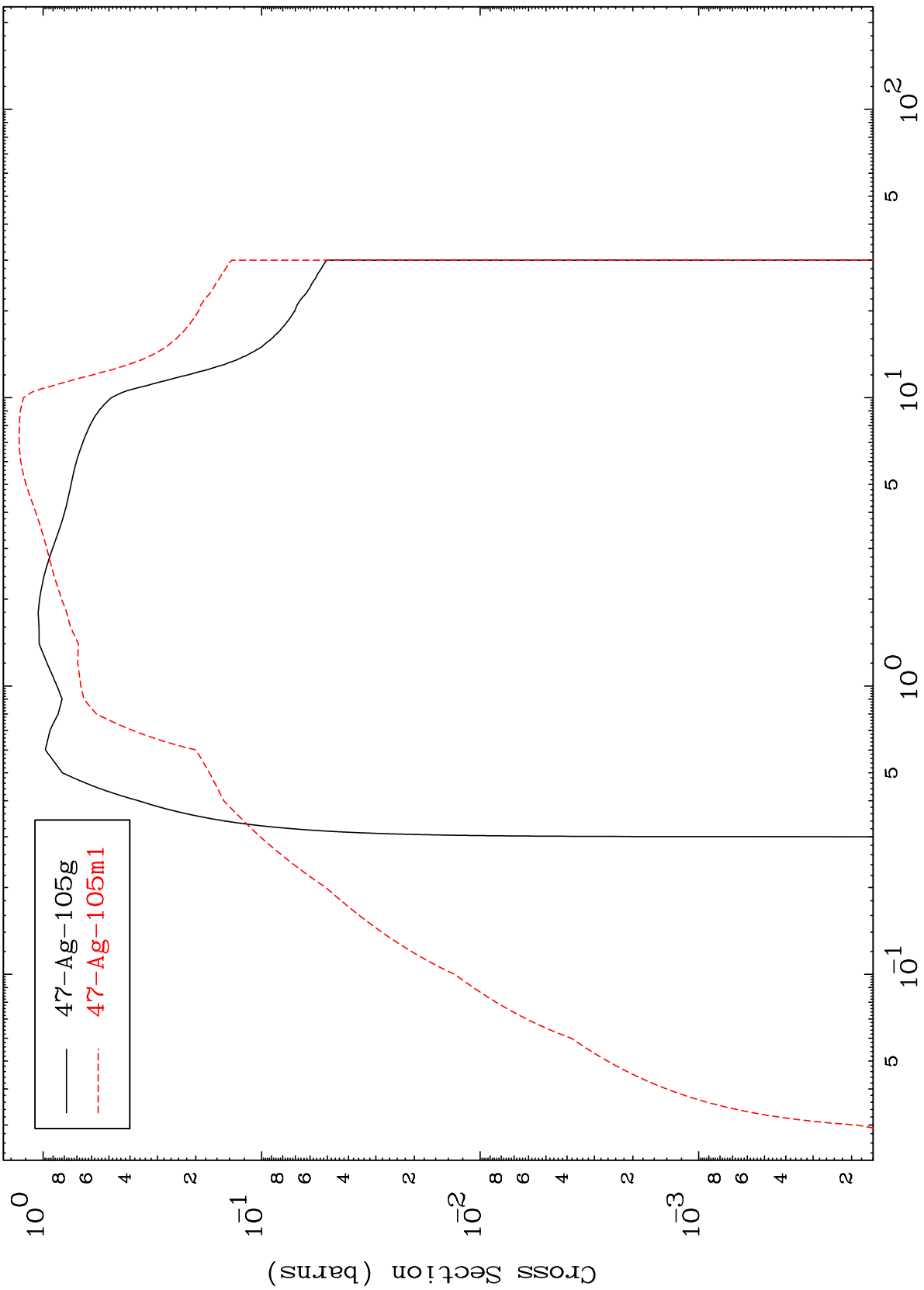
Incident Energy (MeV)

47-Ag-105

MAT 4719

47-Ag-105

Inelastic  
Radionuclide Production Cross Section



— 47-Ag-105g  
- - - 47-Ag-105m1

109

Incident Energy (MeV)

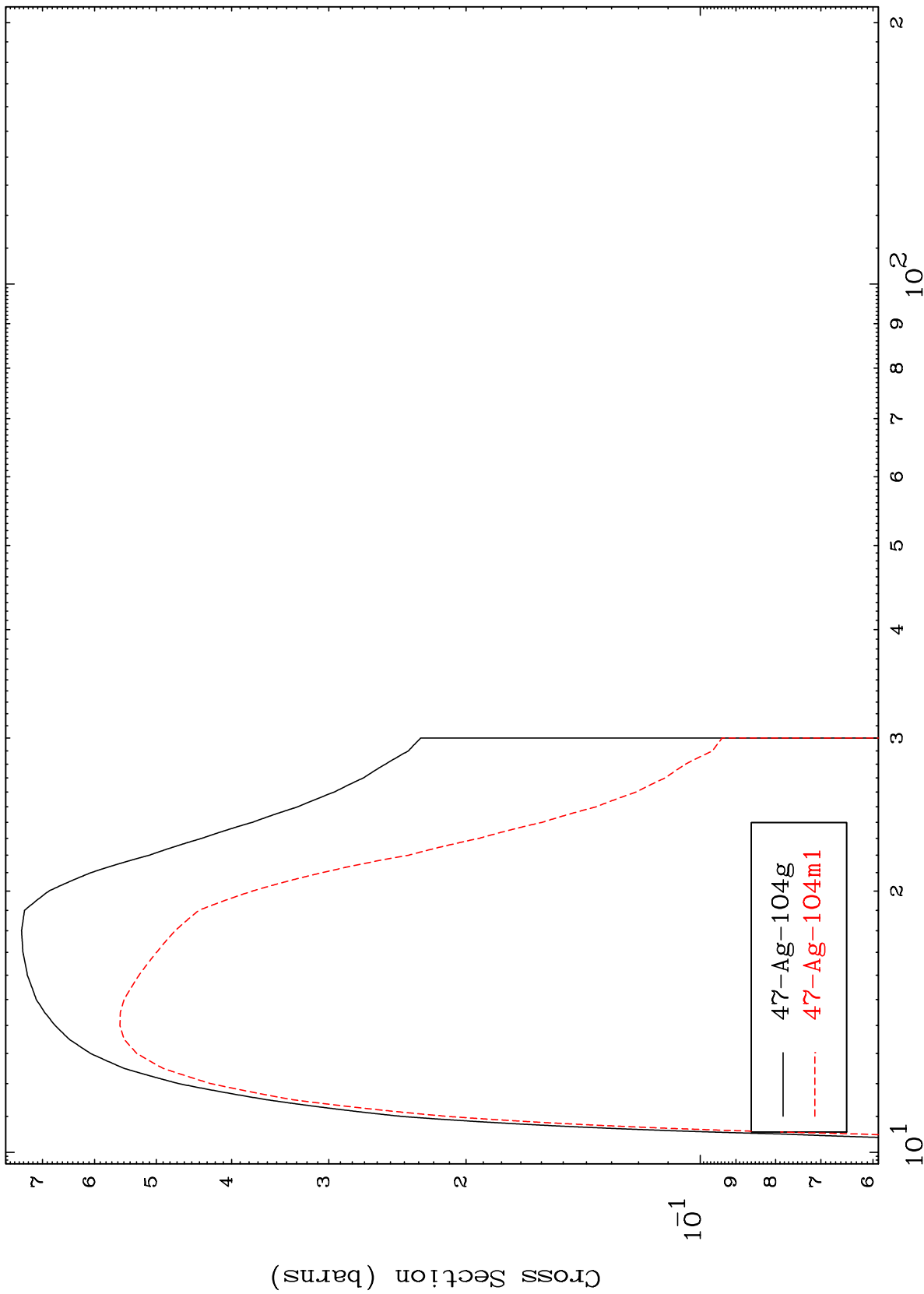
47-Ag-105

MAT 4719

47-Ag-105

Radionuclide Production Cross Section

(n,2n)



47-Ag-105

Incident Energy (MeV)

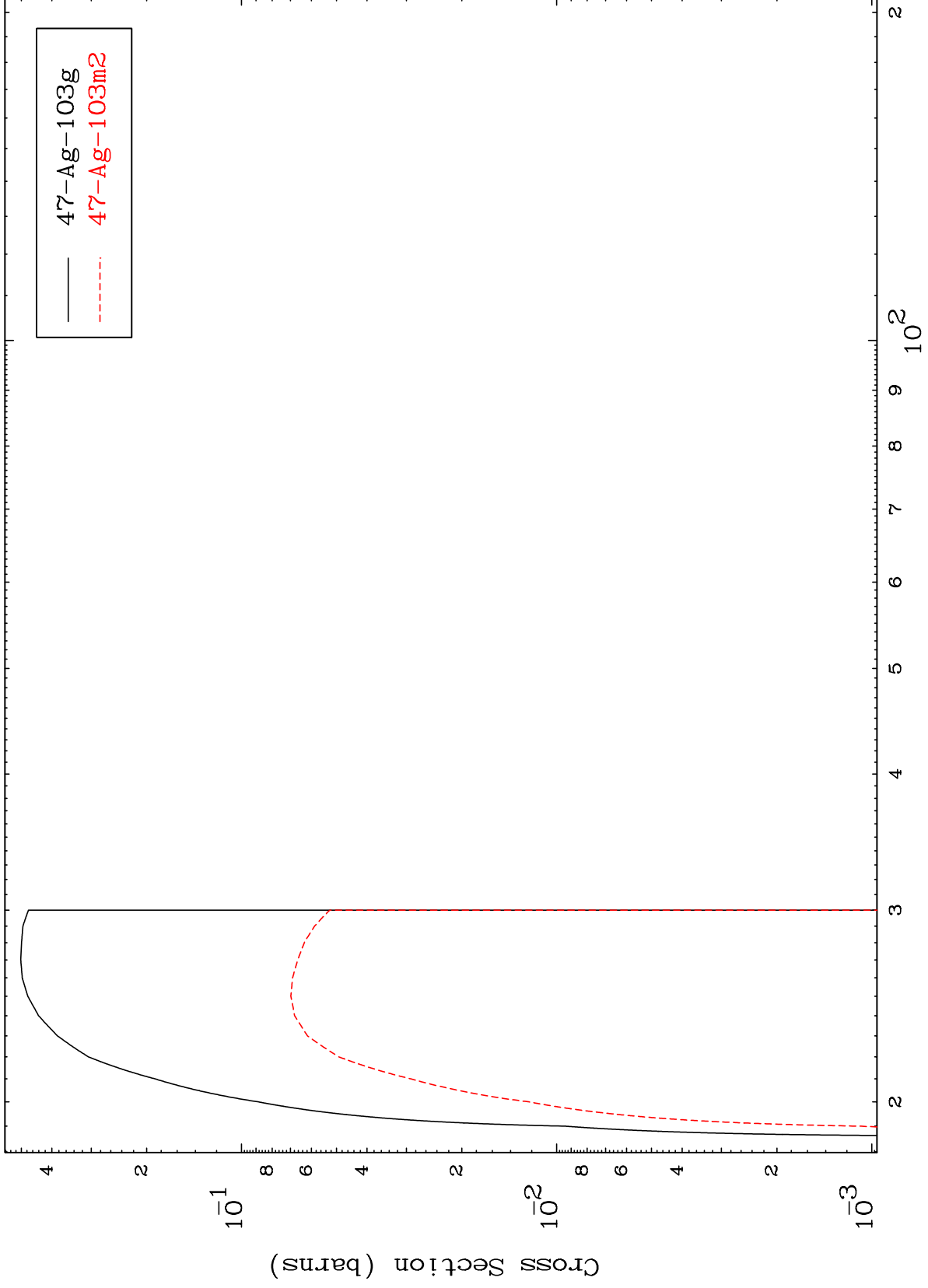
110

MAT 4719

(n,3n)

47-Ag-105

Radionuclide Production Cross Section



111

Incident Energy (MeV)

47-Ag-105

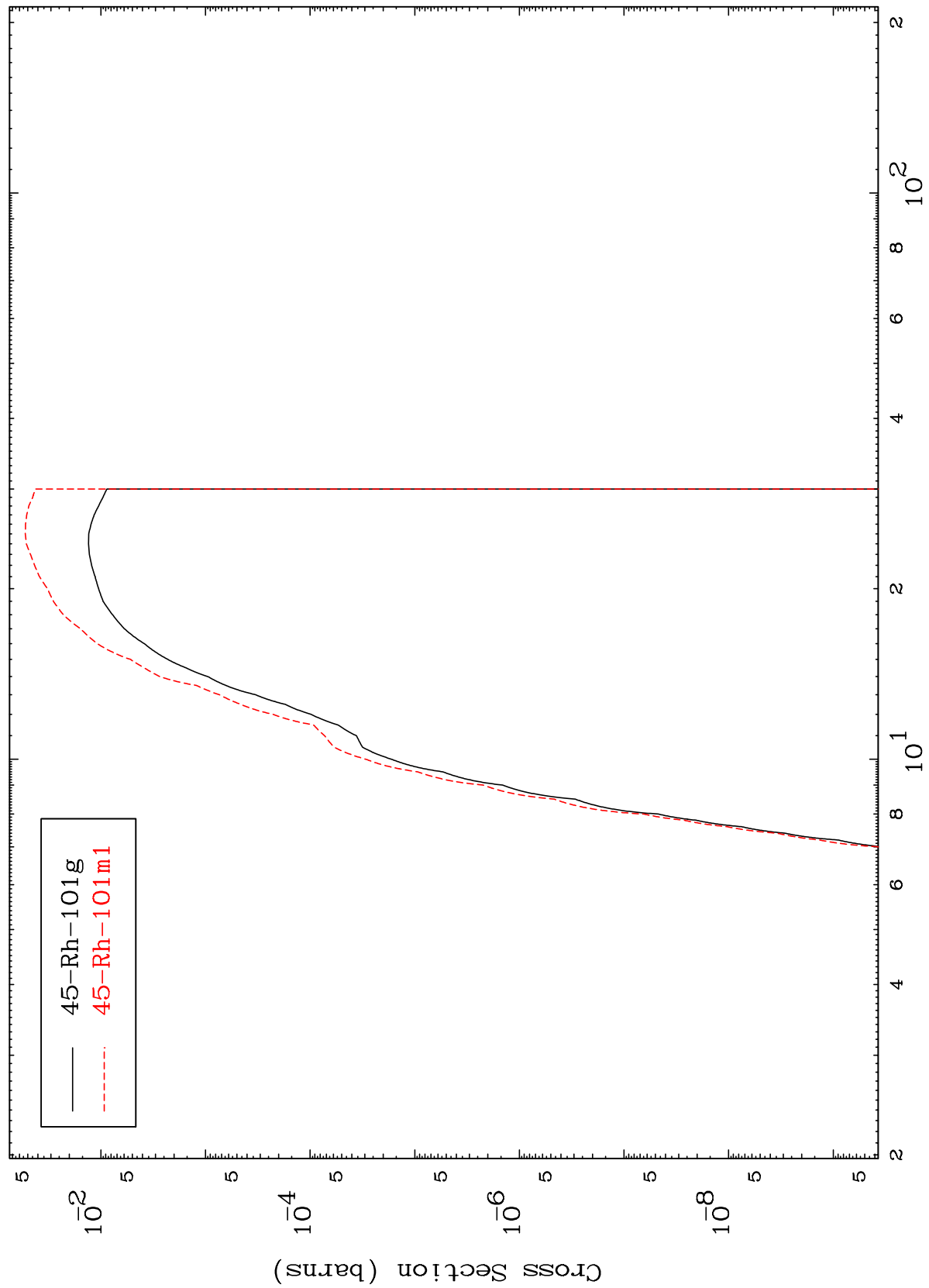


MAT 4719

47-Ag-105

(n,n')  $\alpha$

Radionuclide Production Cross Section



— 45-Rh-101g  
- - - 45-Rh-101m1

112

Incident Energy (MeV)

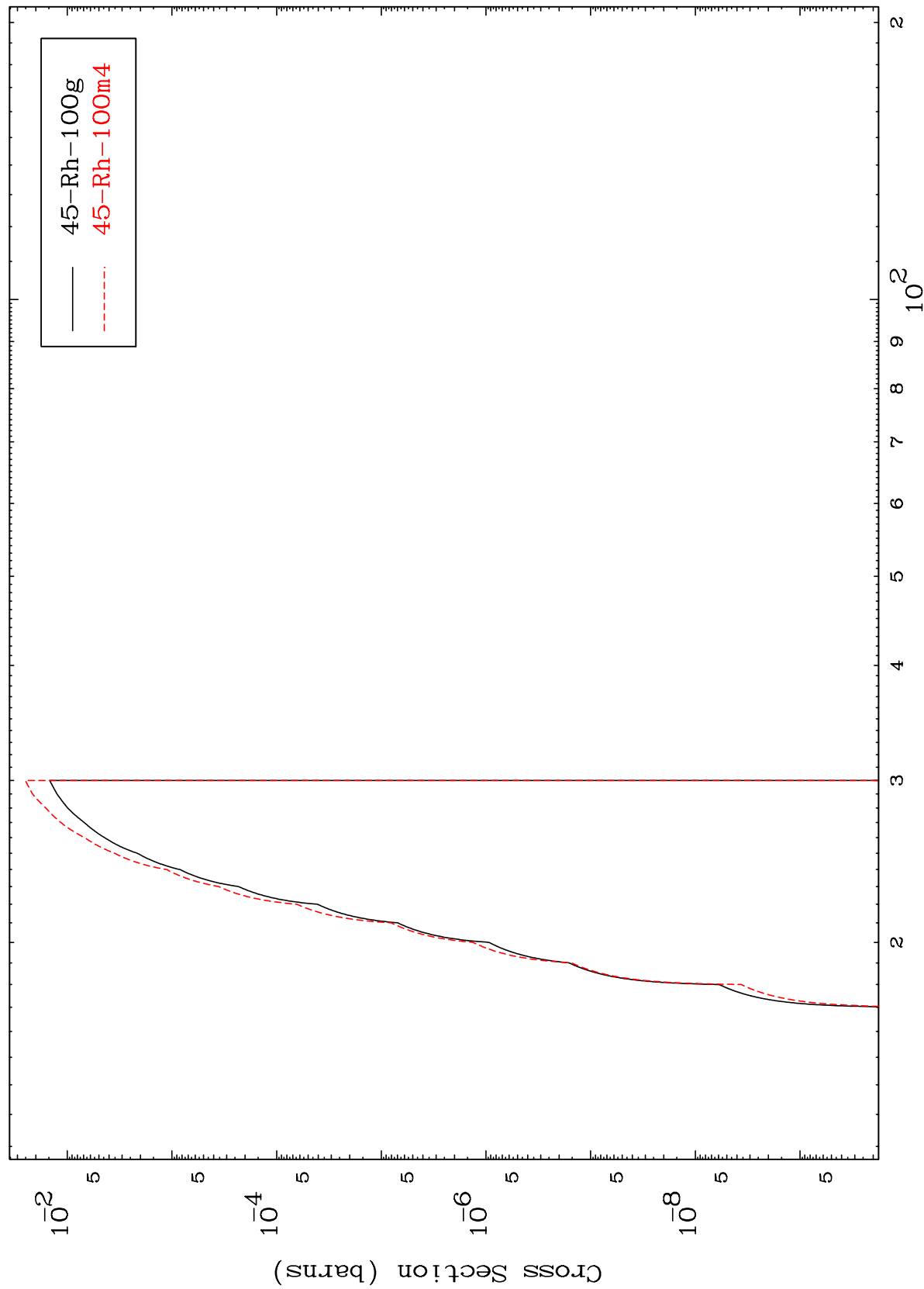
47-Ag-105

MAT 4719

(n,2n)  $\alpha$

47-Ag-105

Radionuclide Production Cross Section



113

Incident Energy (MeV)

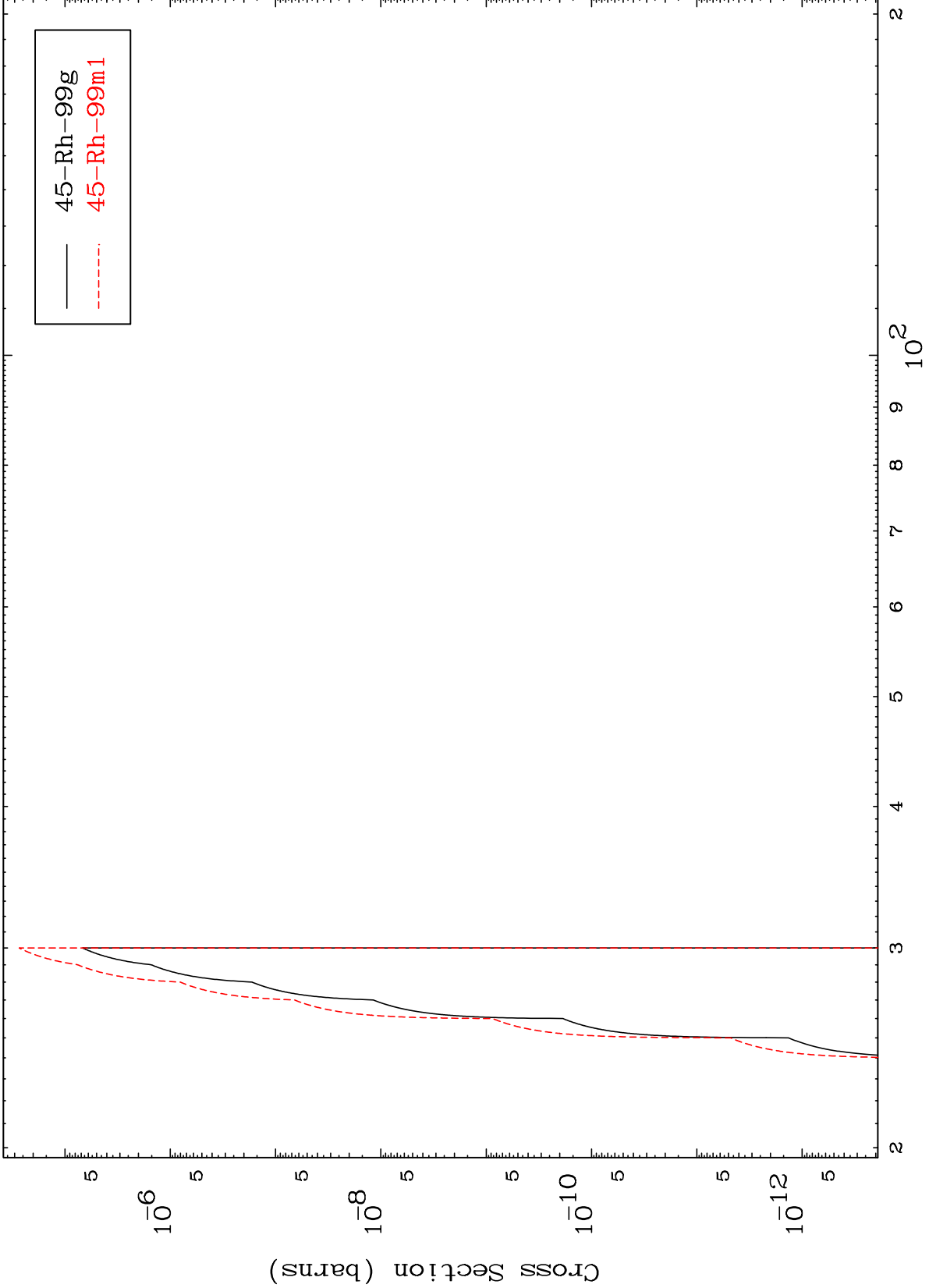
47-Ag-105

MAT 4719

(n,3n)  $\alpha$

47-Ag-105

Radionuclide Production Cross Section



114

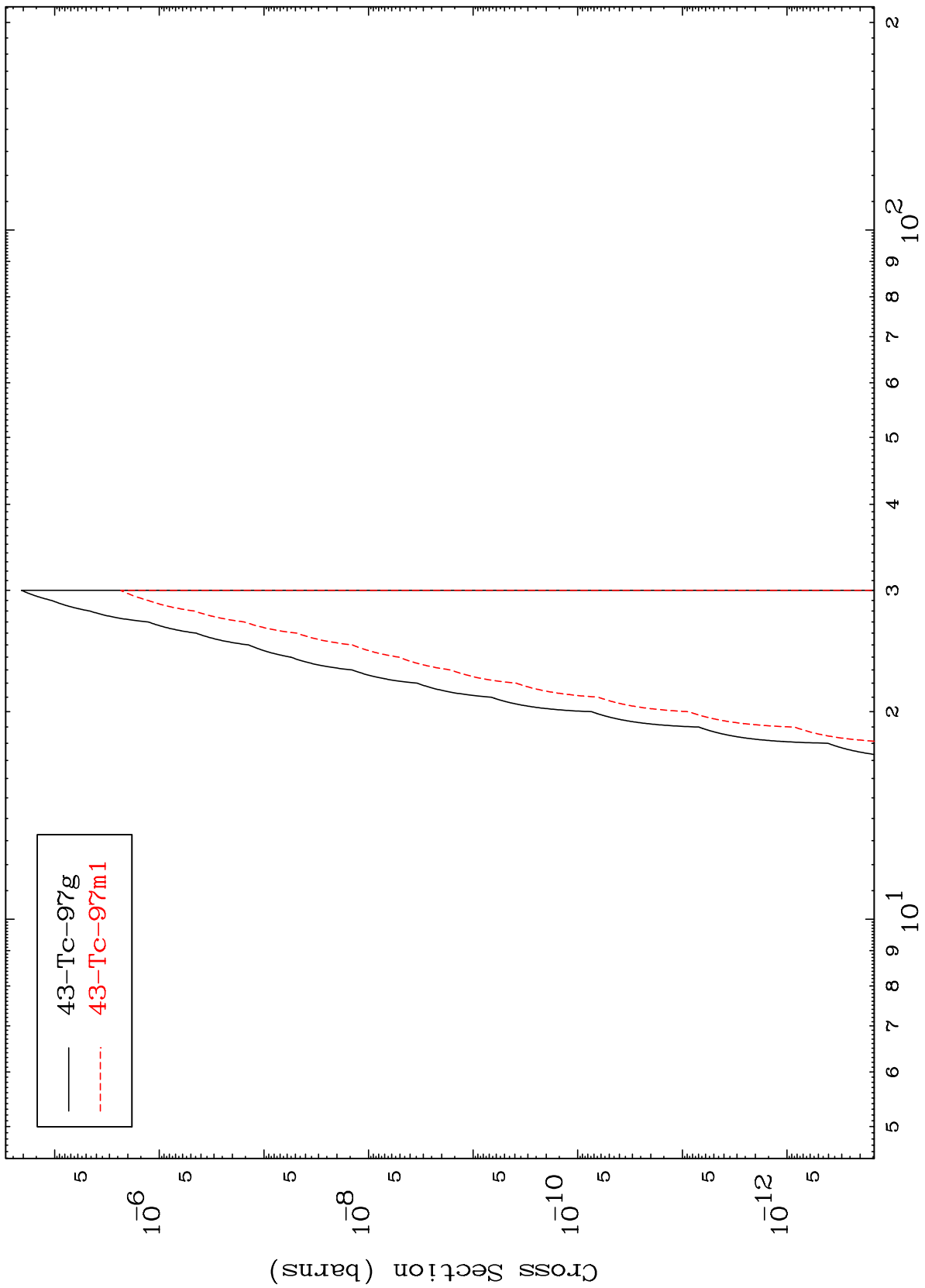
Incident Energy (MeV)

47-Ag-105

MAT 4719

47-Ag-105

(n,n') 2α  
Radionuclide Production Cross Section



115

Incident Energy (MeV)

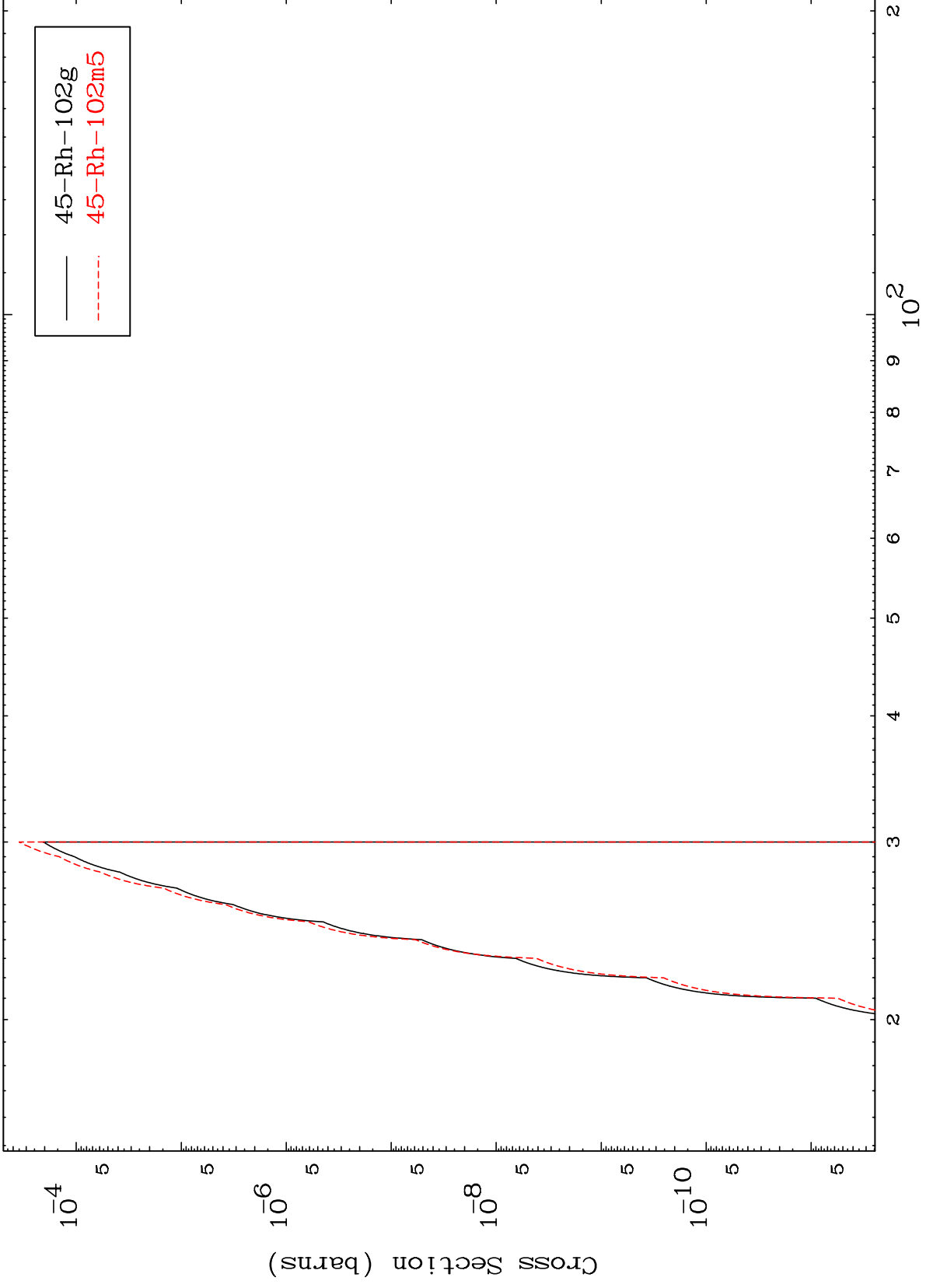
47-Ag-105

MAT 4719

(n,n') He-3

47-Ag-105

Radionuclide Production Cross Section



116

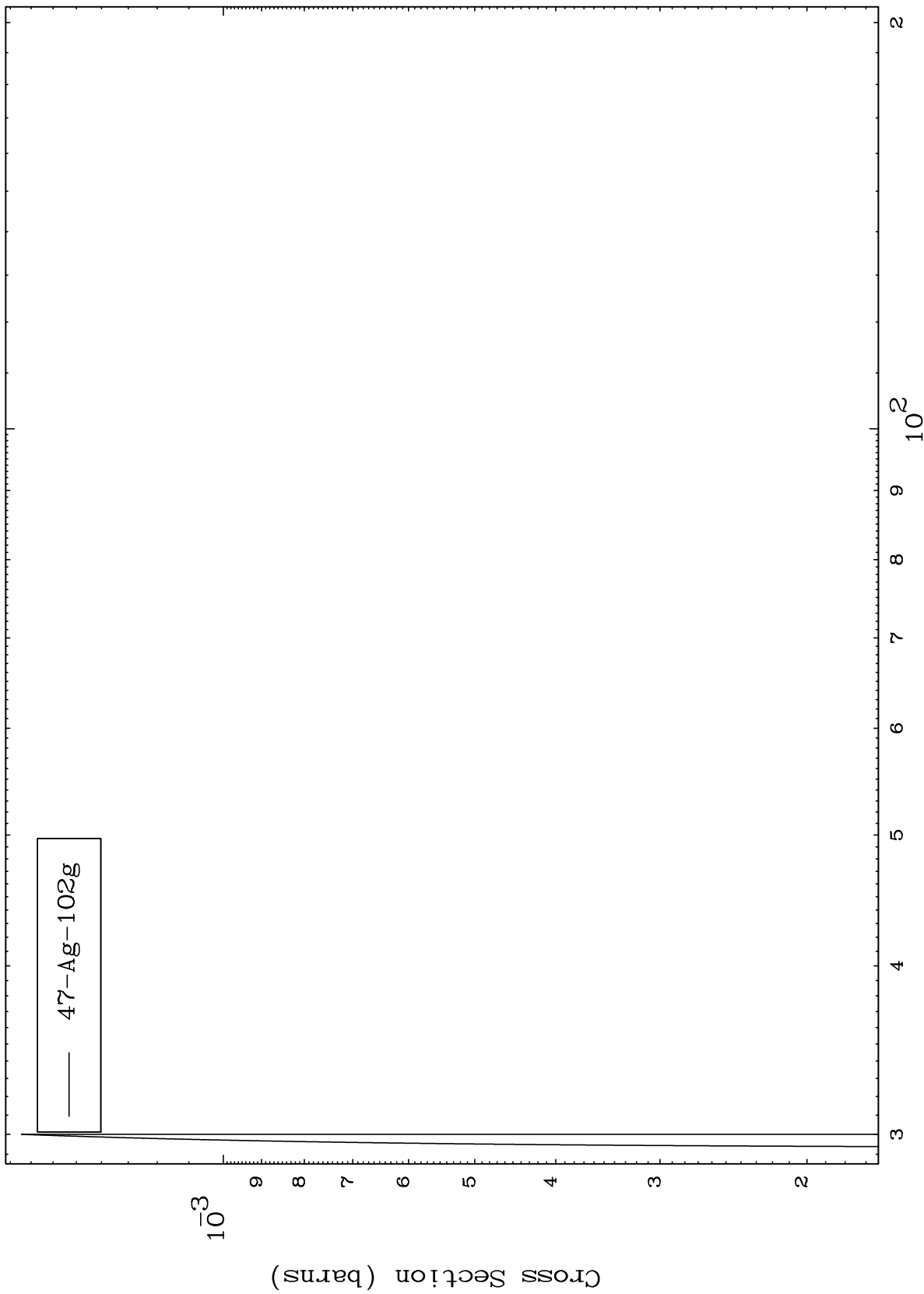
Incident Energy (MeV)

47-Ag-105

MAT 4719

47-Ag-105

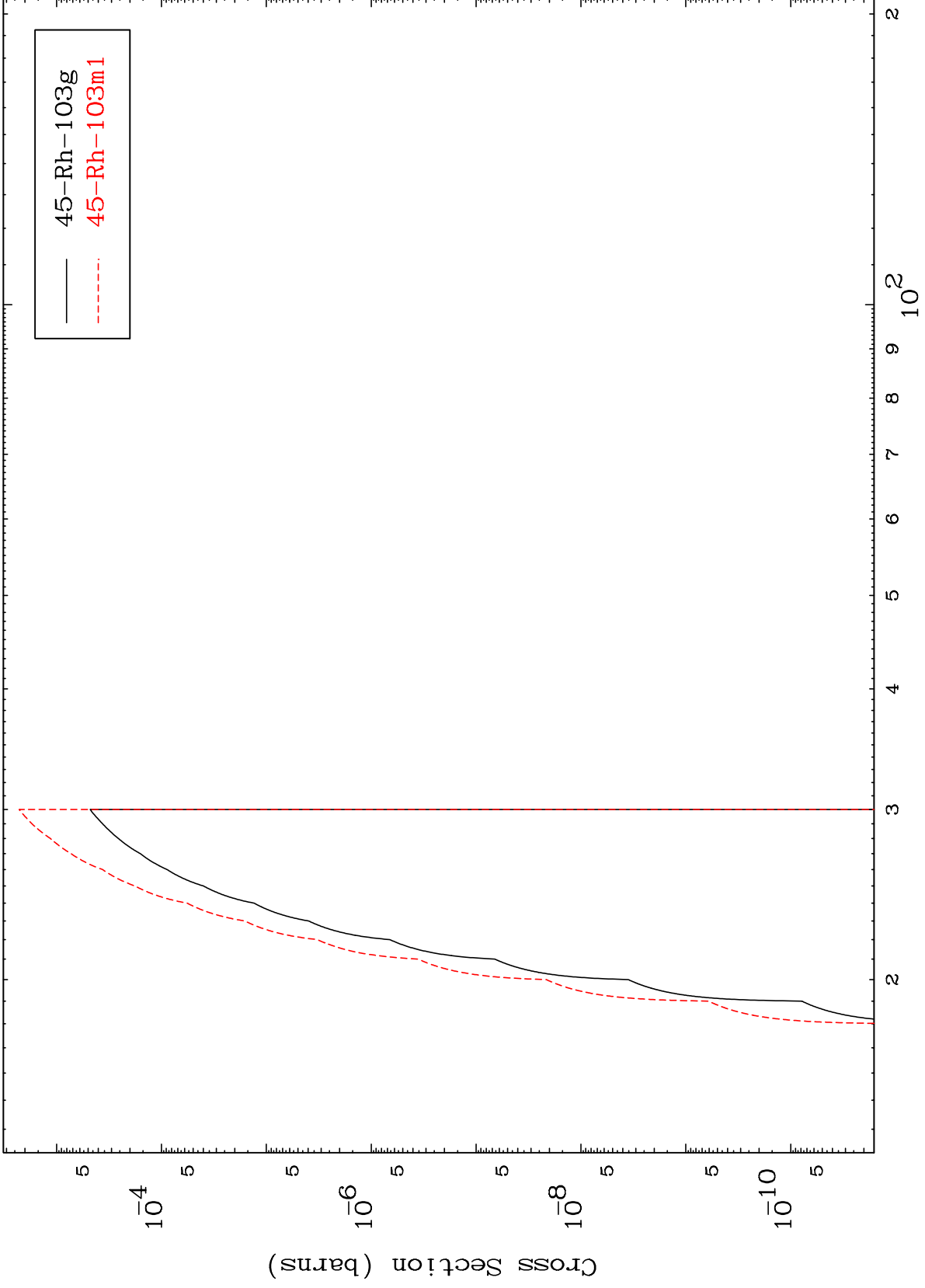
(n,4n)  
Radionuclide Production Cross Section



117

47-Ag-105

(n,2n) p  
Radionuclide Production Cross Section

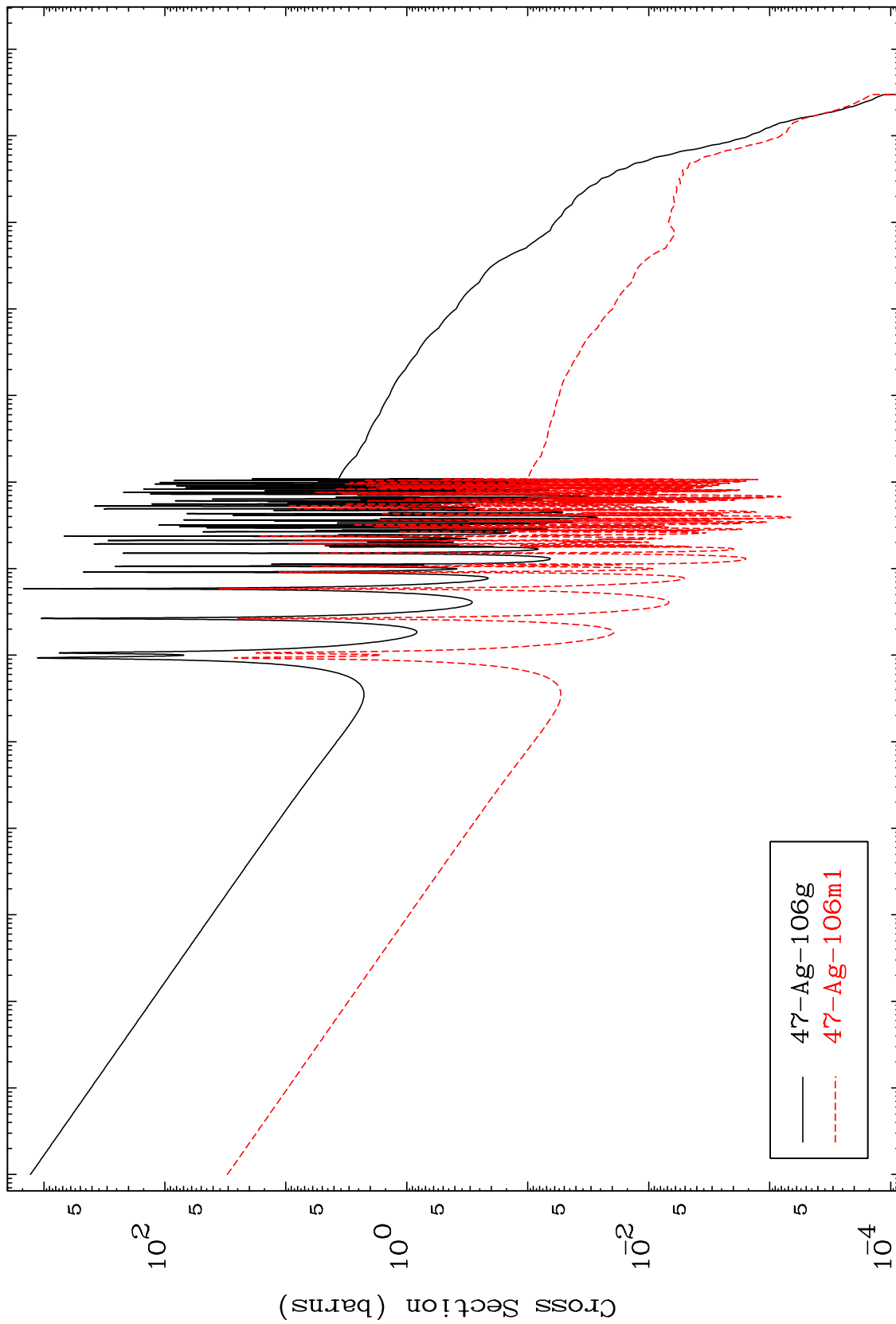


MAT 4719

47-Ag-105

Radionuclide Production Cross Section

(n,  $\gamma$ )



119

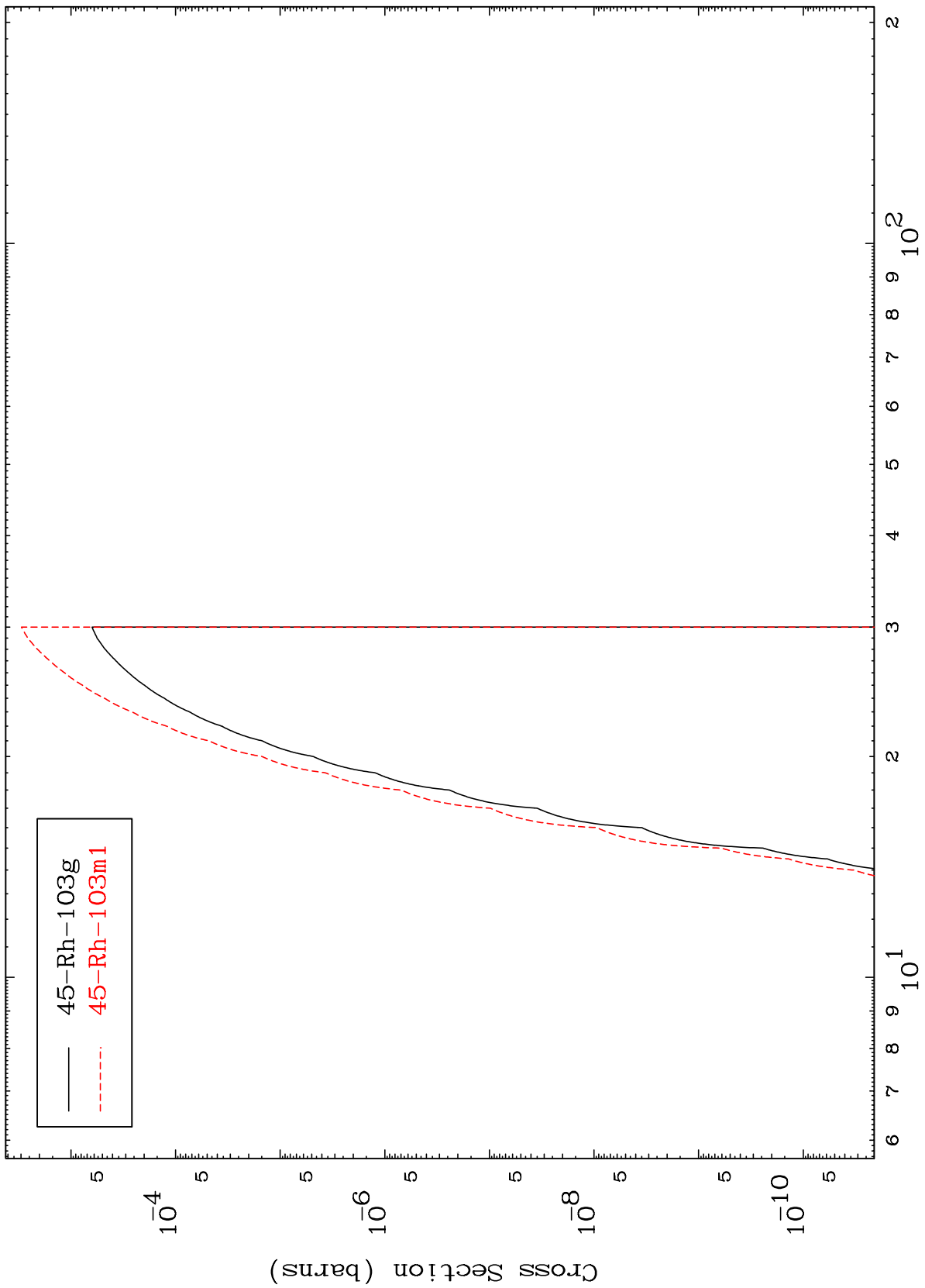
47-Ag-105



MAT 4719

47-Ag-105

Radionuclide Production Cross Section (n,He-3)



— 45-Rh-103g  
- - - 45-Rh-103m1

120

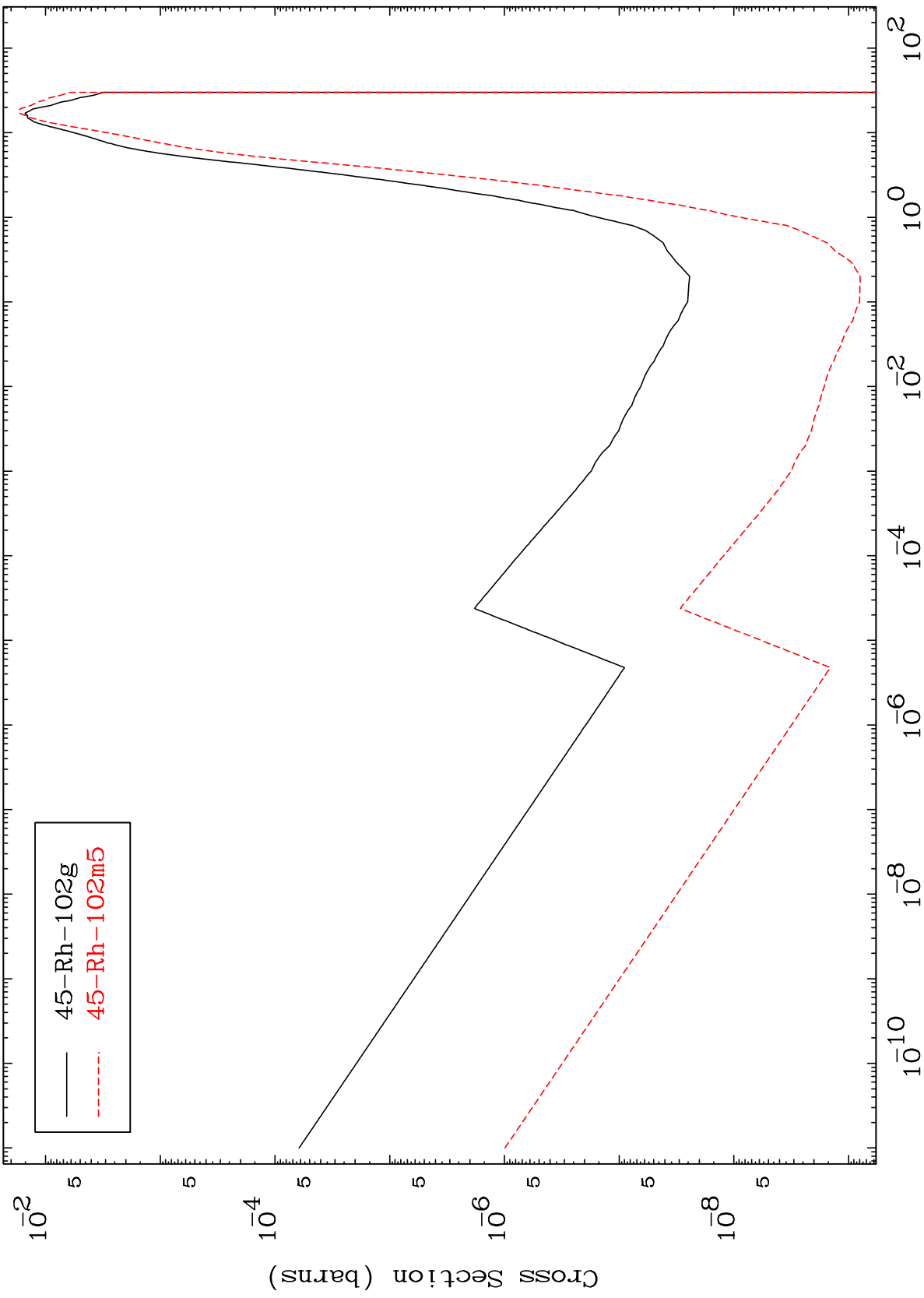
Incident Energy (MeV)

47-Ag-105

MAT 4719

47-Ag-105

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



121

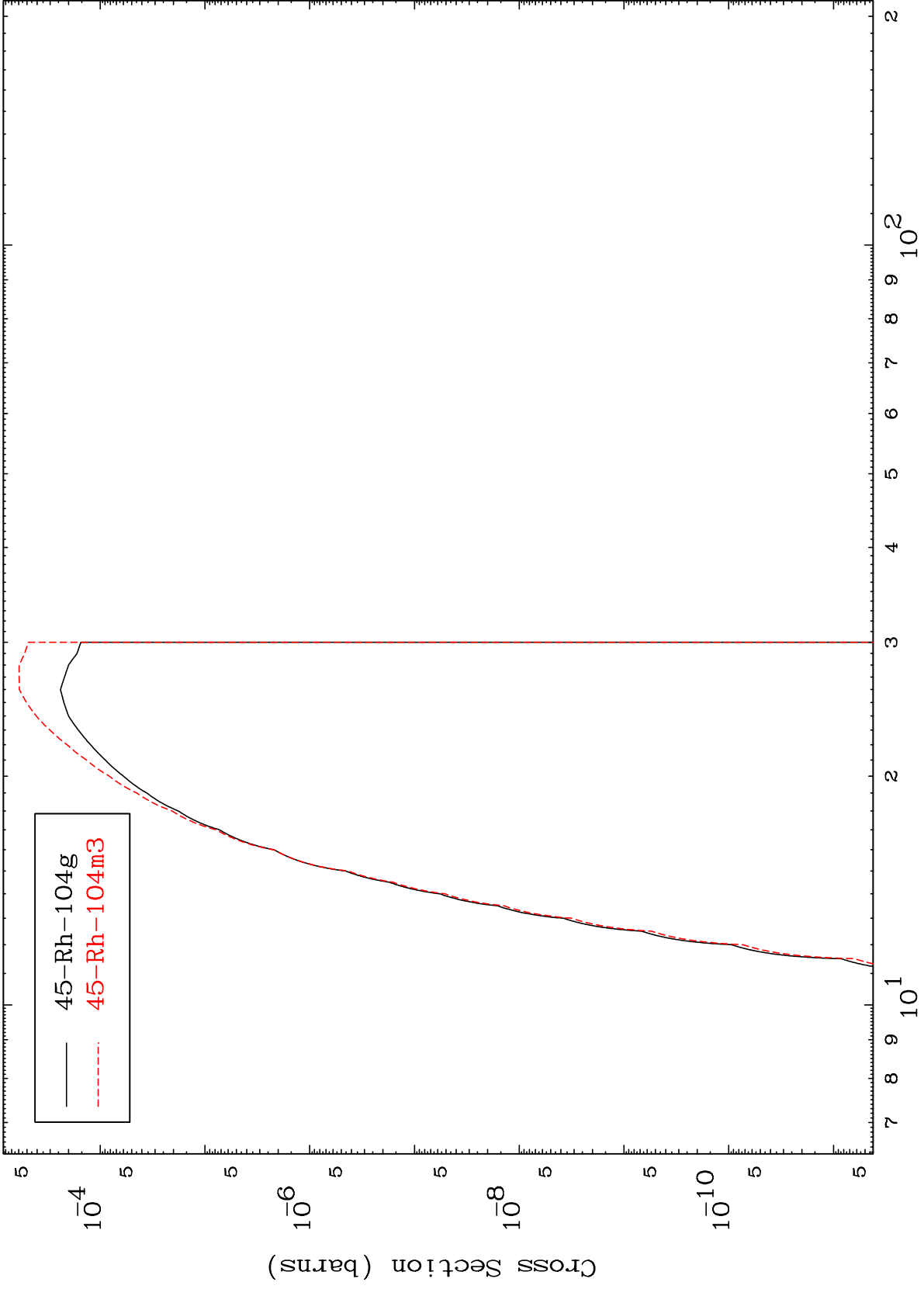
47-Ag-105

Incident Energy (MeV)

MAT 4719

47-Ag-105

(n,2p)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

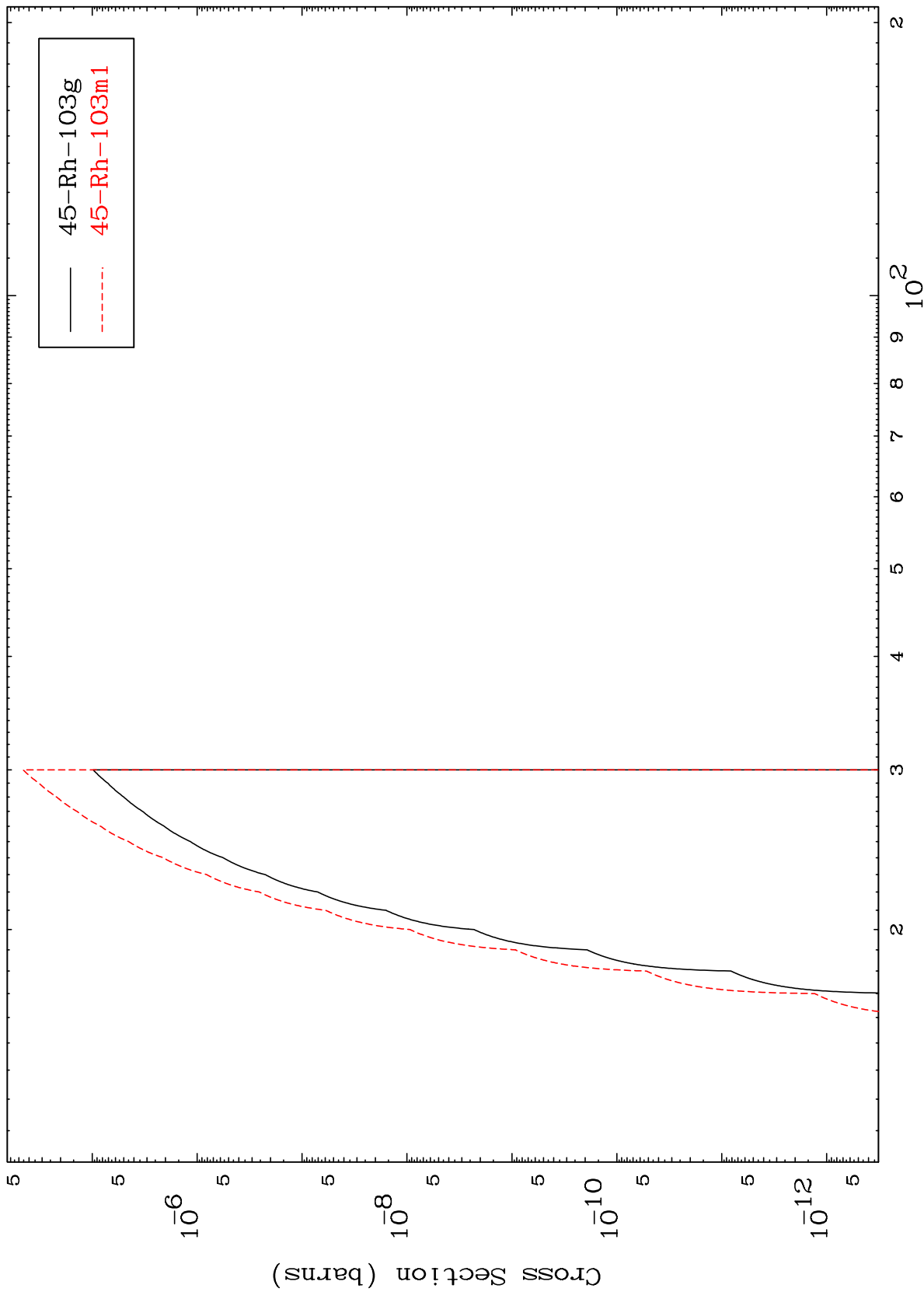
47-Ag-105

MAT 4719

(n,p) d

47-Ag-105

Radionuclide Production Cross Section



123

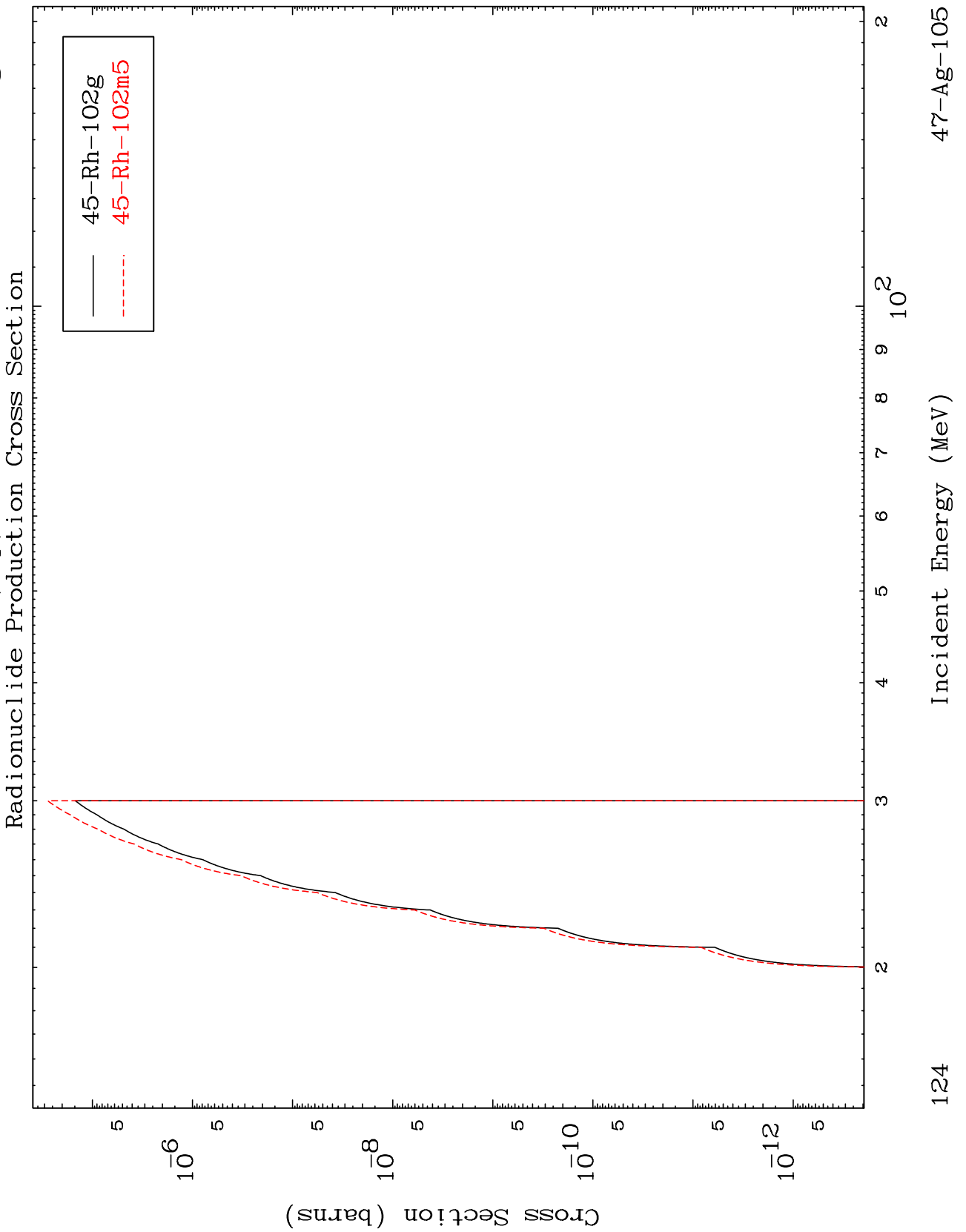
Incident Energy (MeV)

47-Ag-105

MAT 4719

(n,p) t

47-Ag-105



124