

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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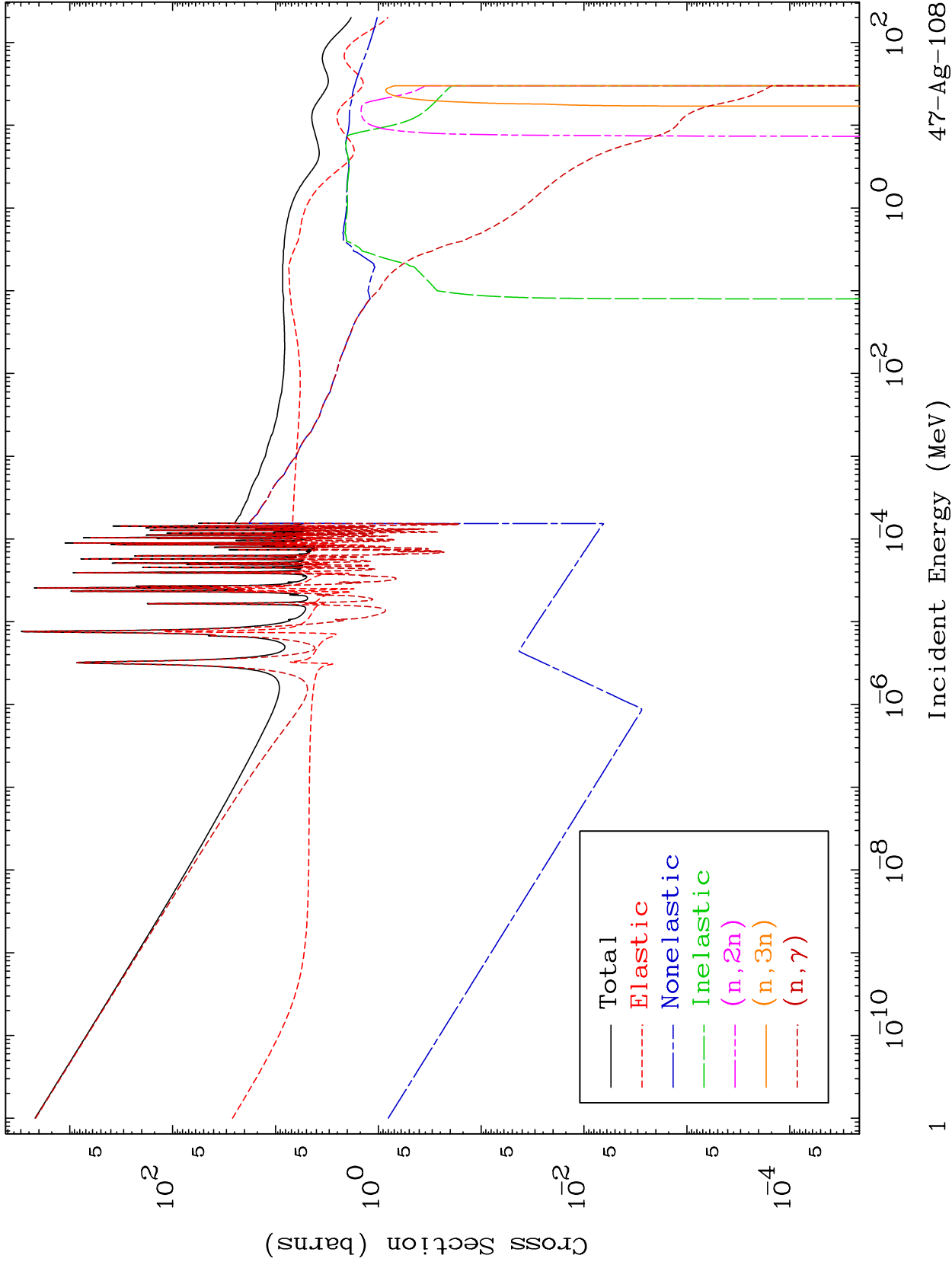
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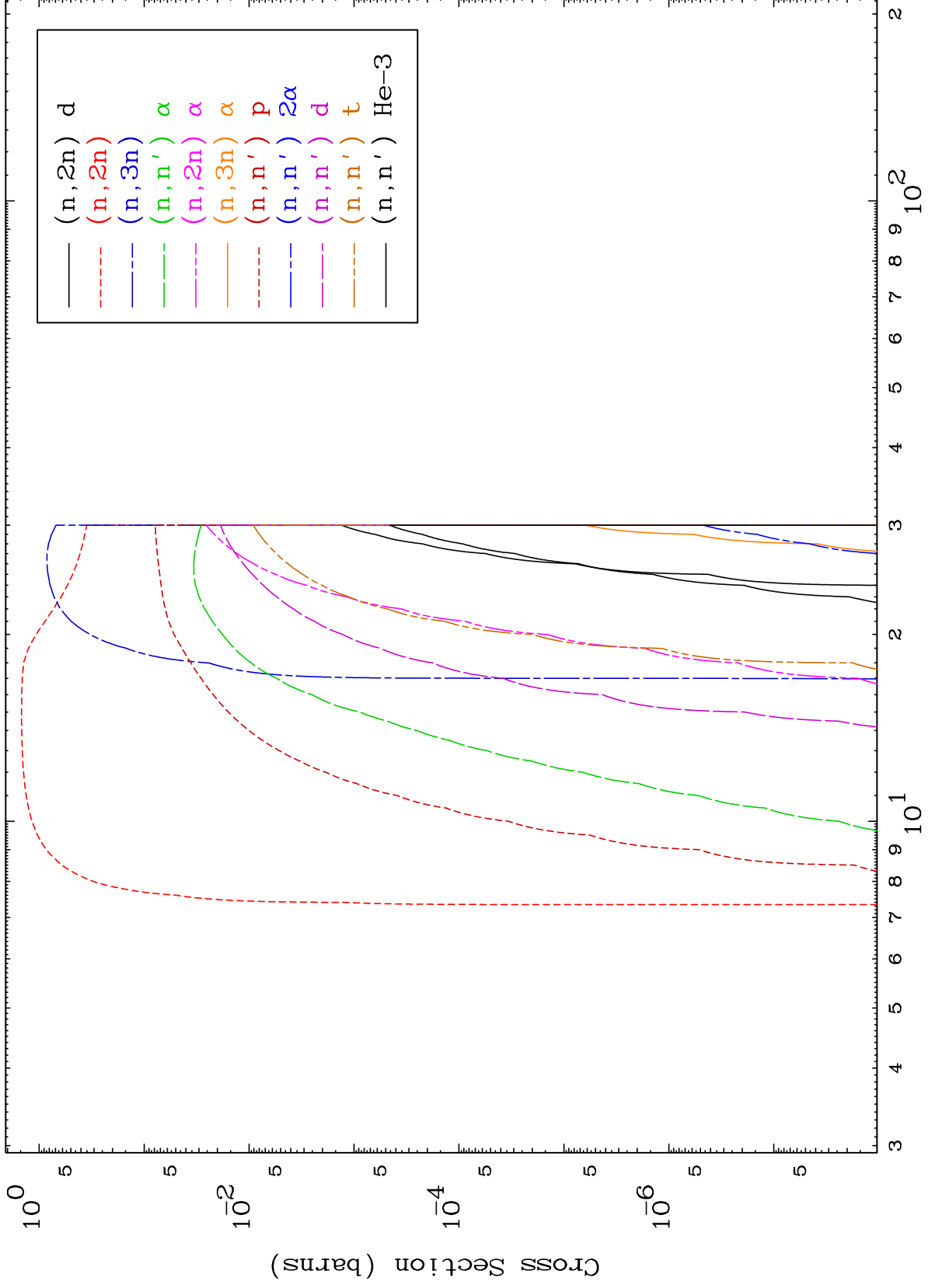
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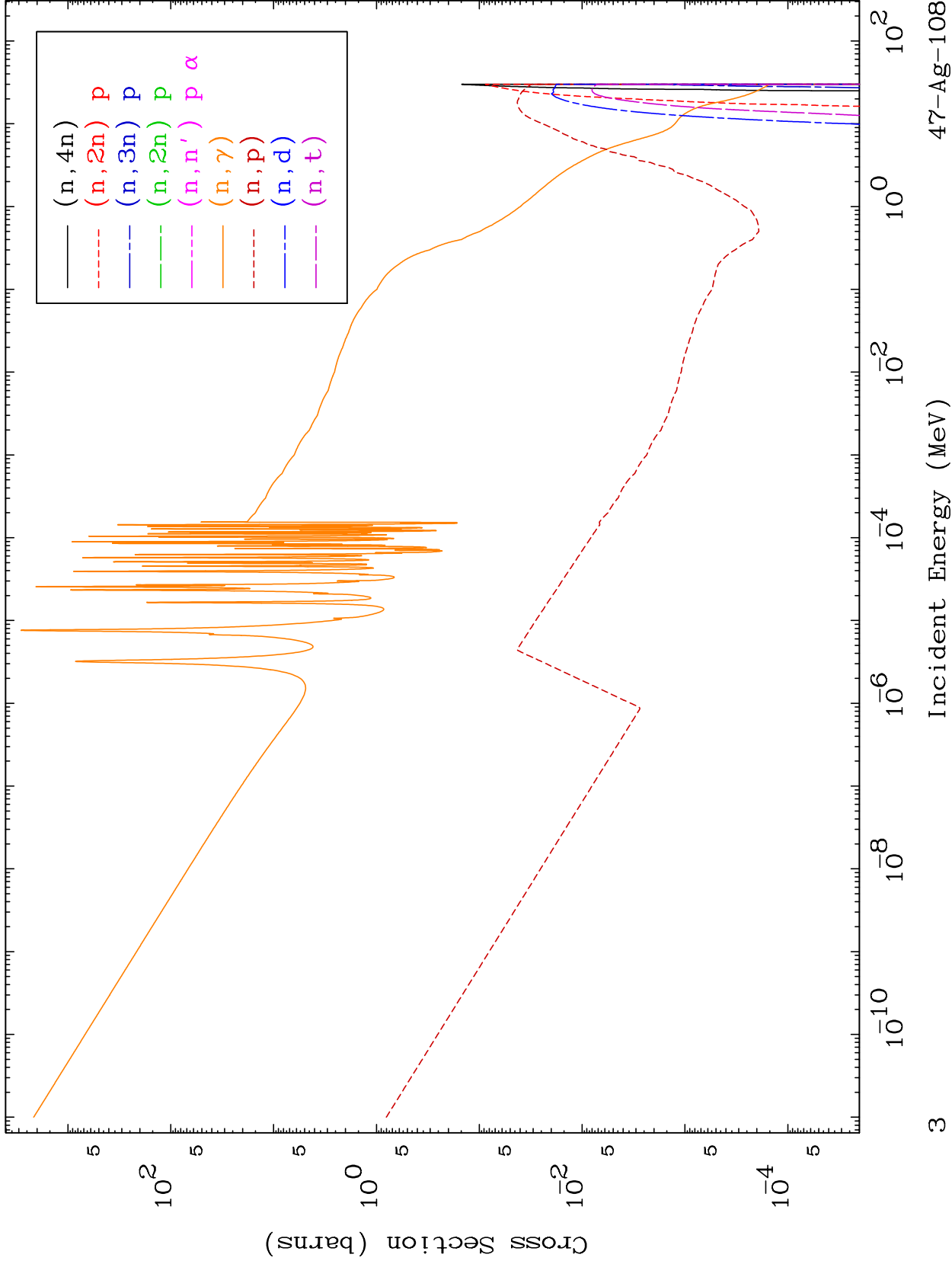
MAT 4728

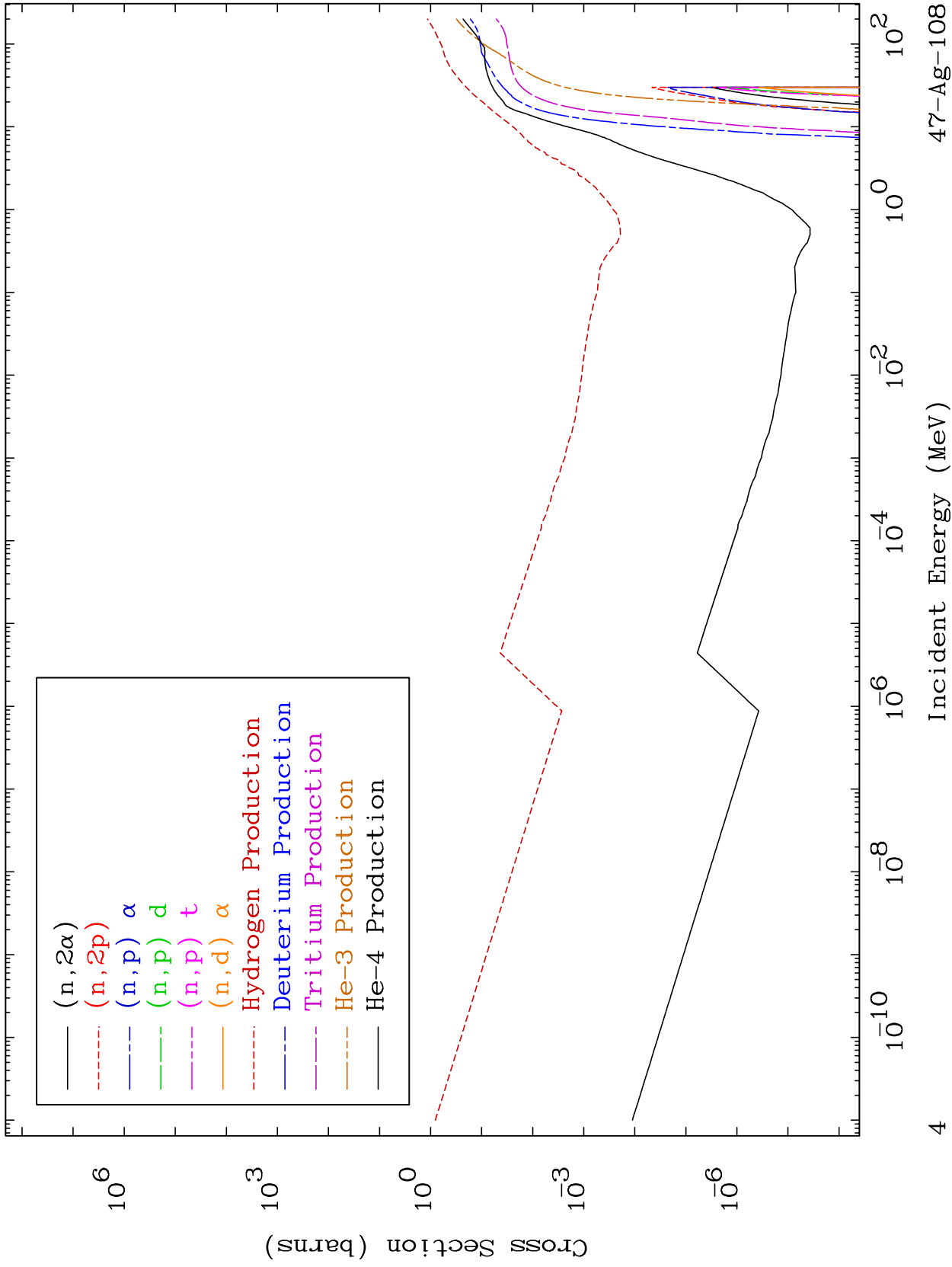
Neutron Major  
293 Kelvin Cross Sections

47-Ag-108





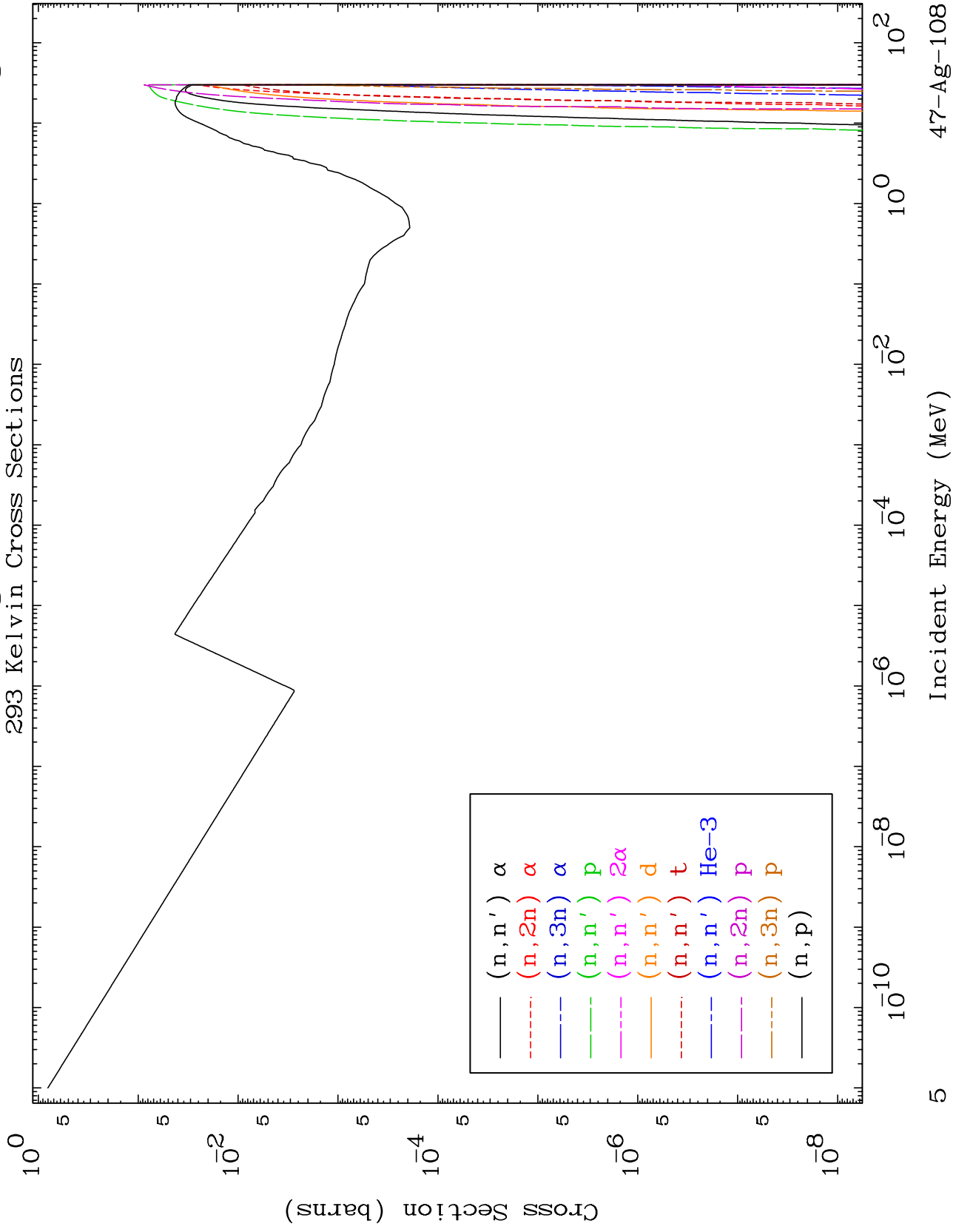




MAT 4728

Charged Particle  
293 Kelvin Cross Sections

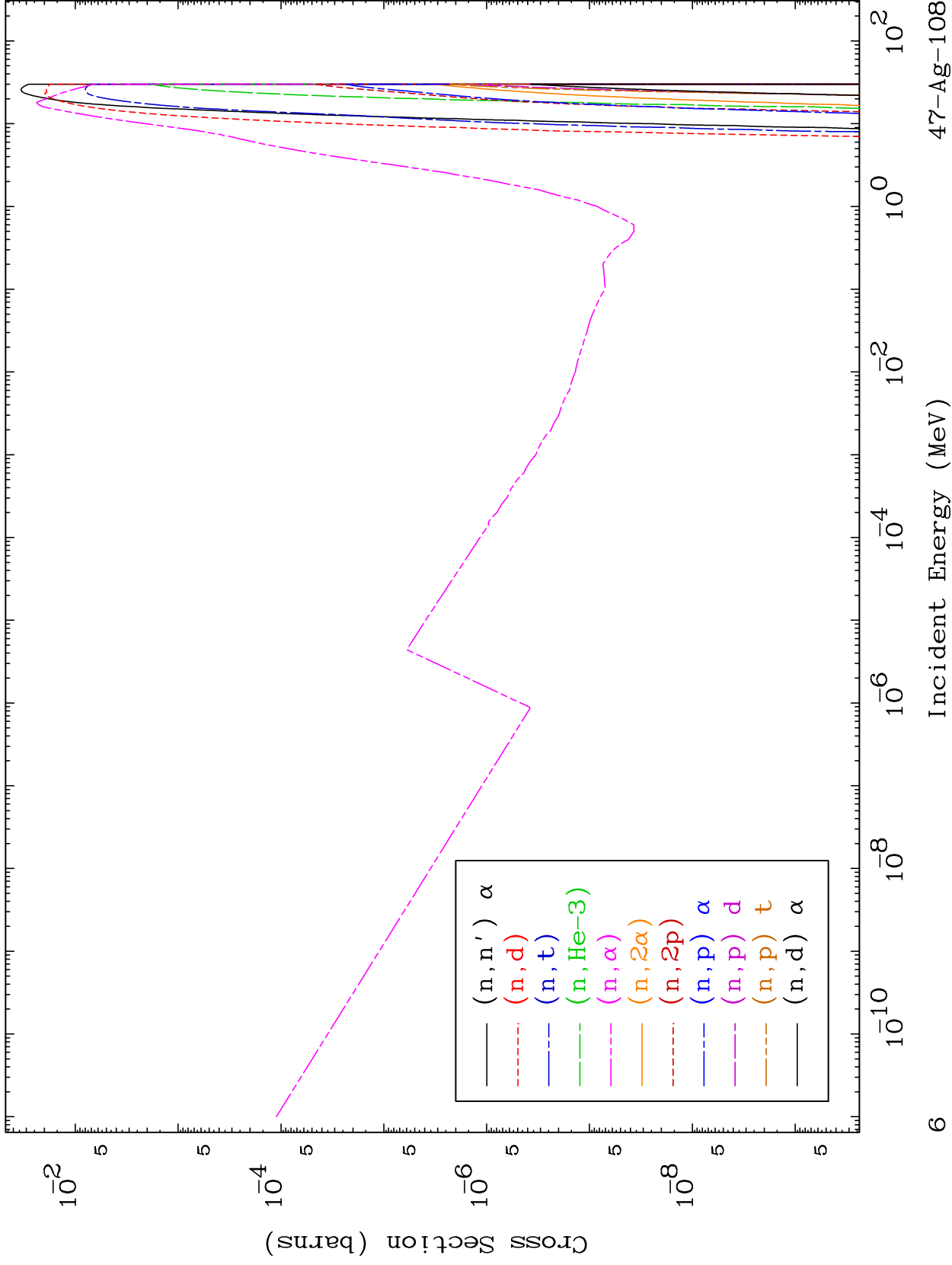
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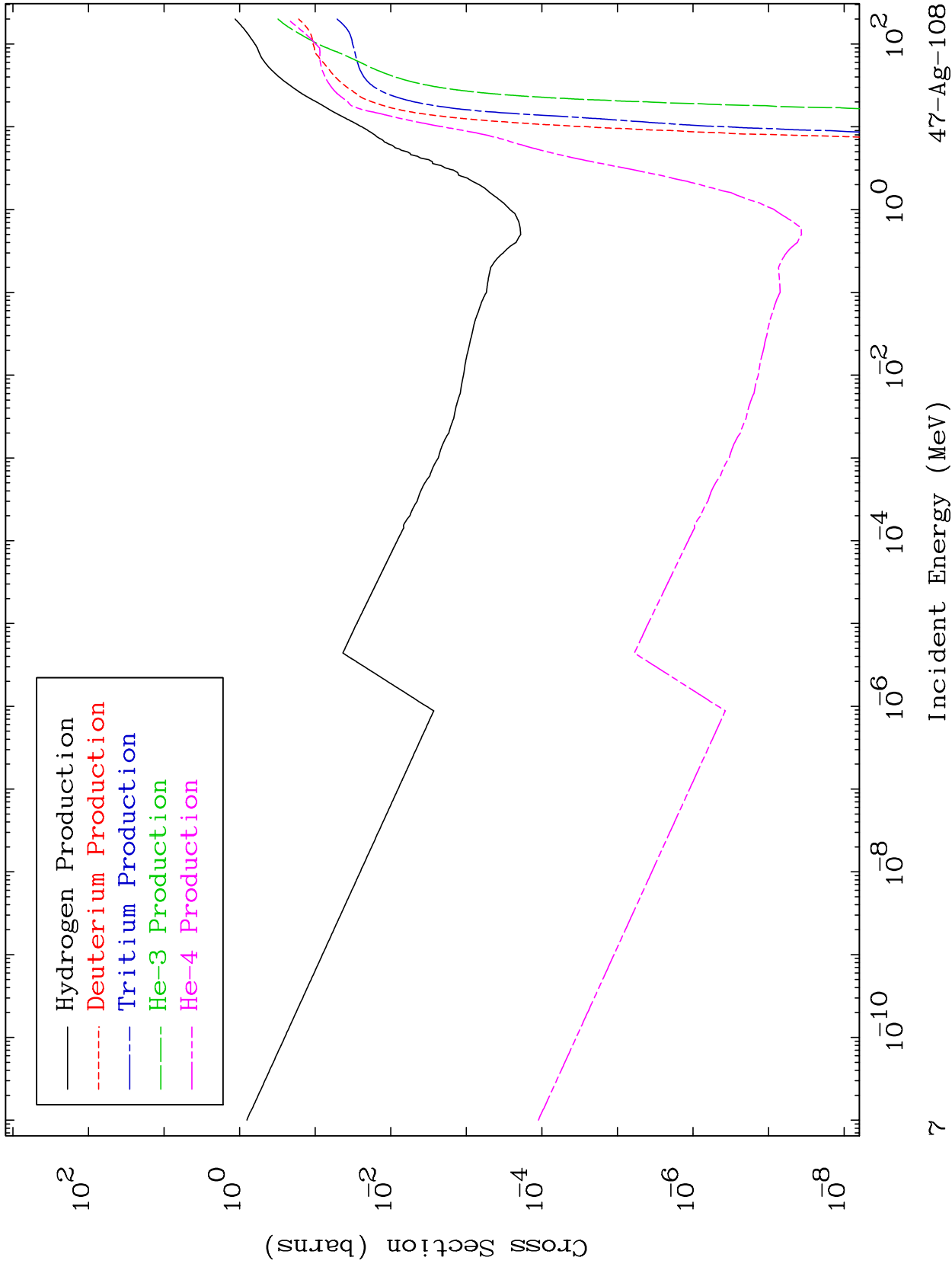


MAT 4728

Charged Particle  
293 Kelvin Cross Sections

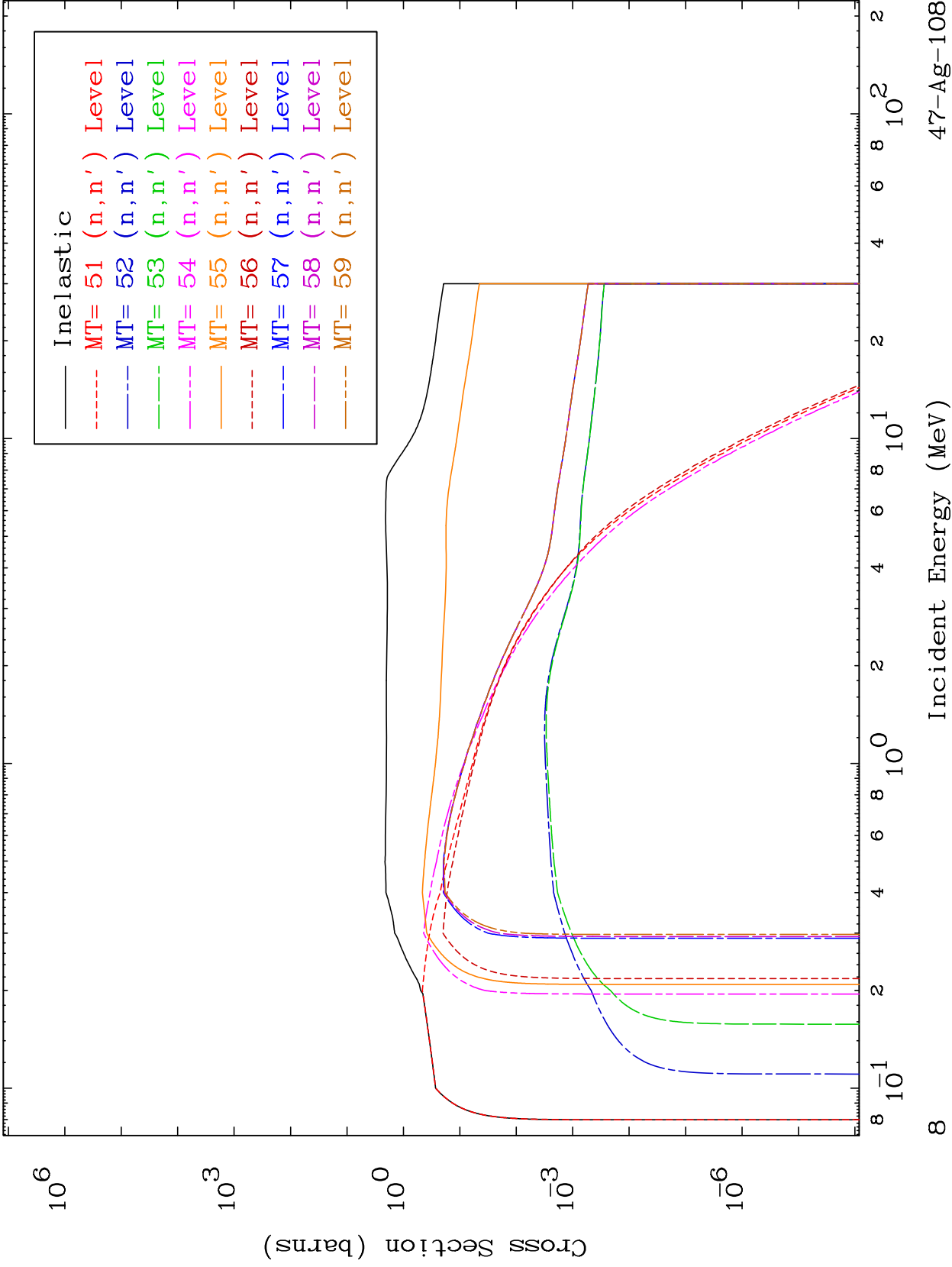
47-Ag-108



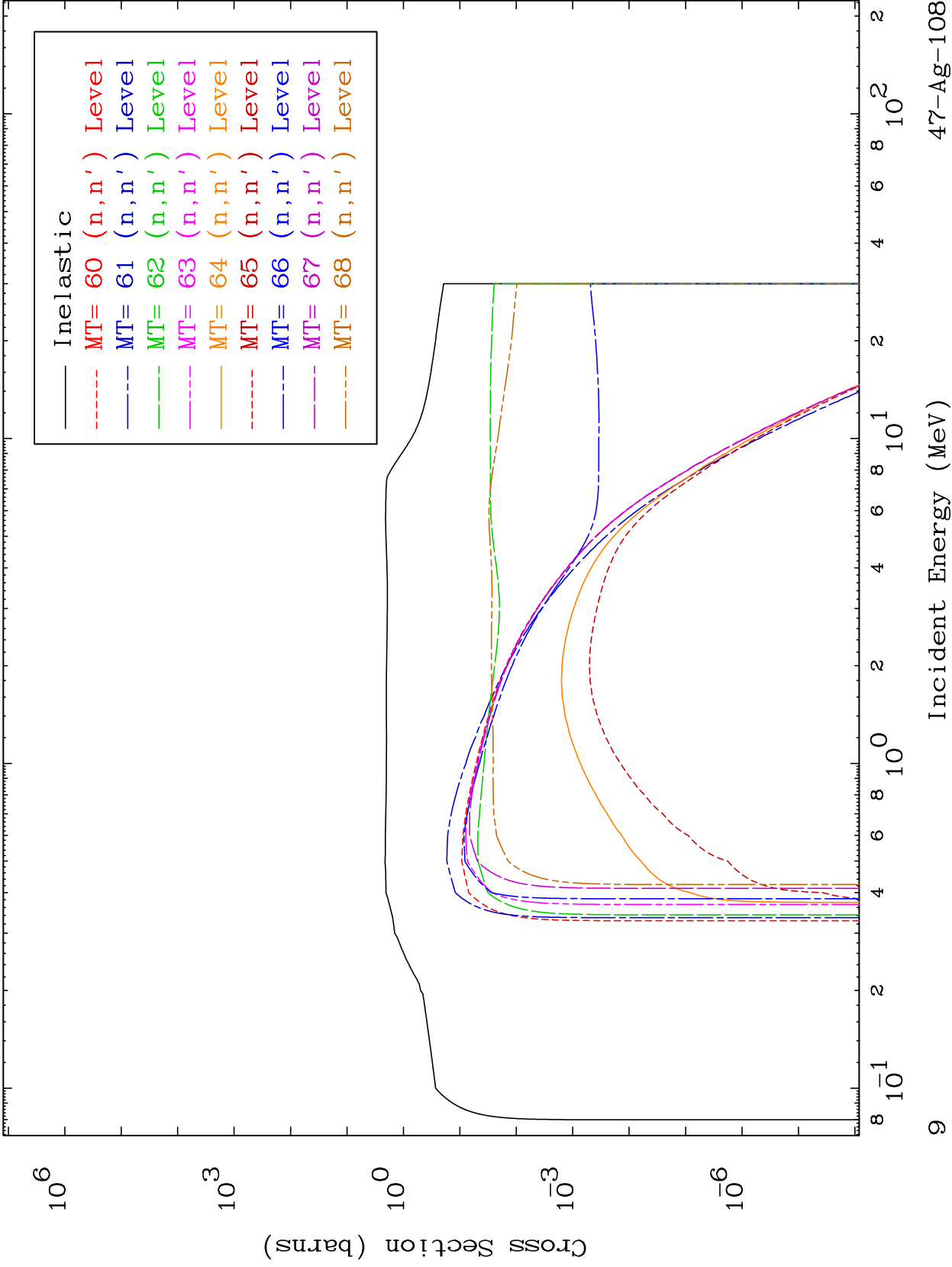




293 Kelvin Cross Sections



293 Kelvin Cross Sections

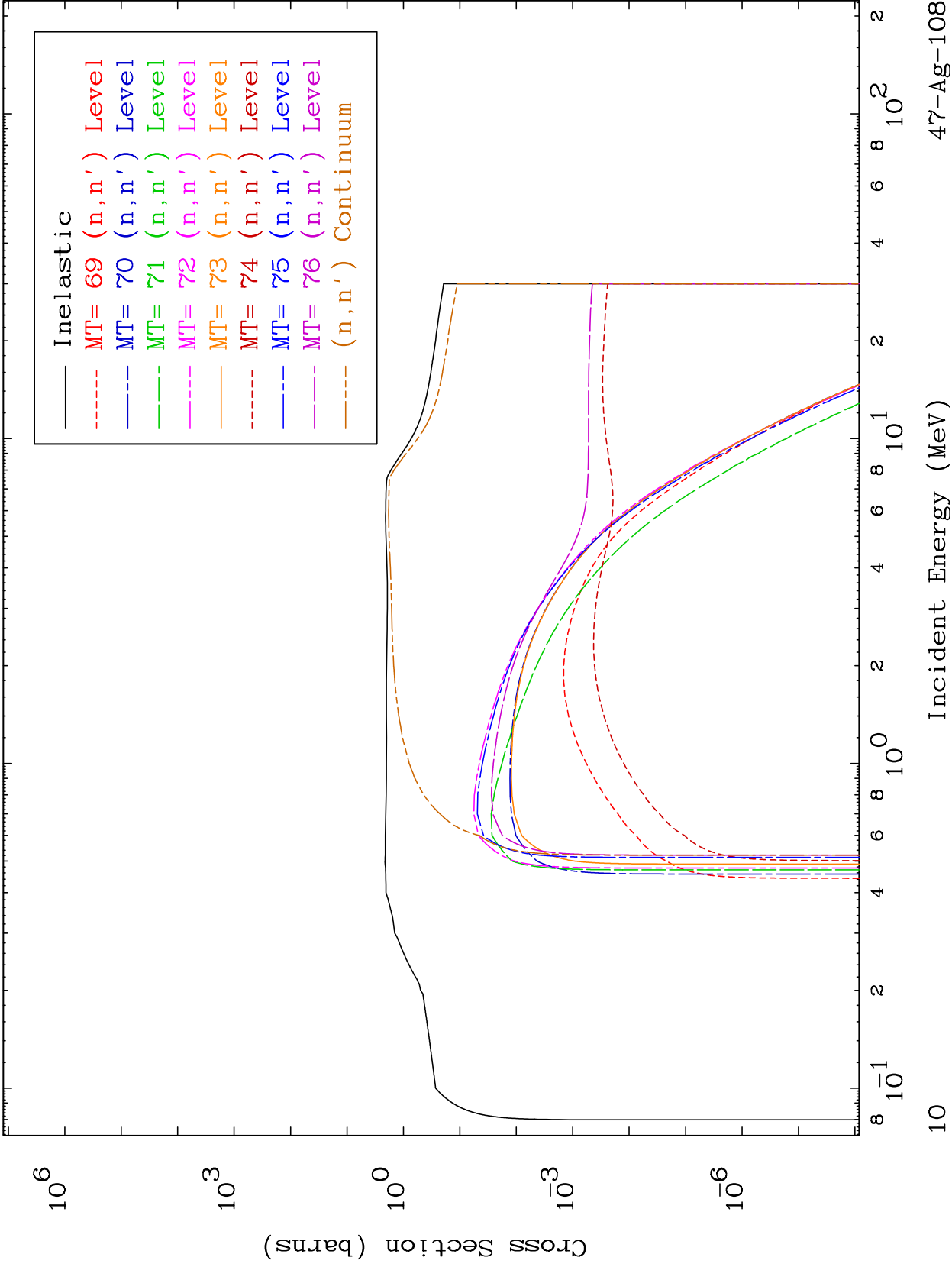


MAT 4728

(n,n') Levels

47-Ag-108

293 Kelvin Cross Sections



47-Ag-108

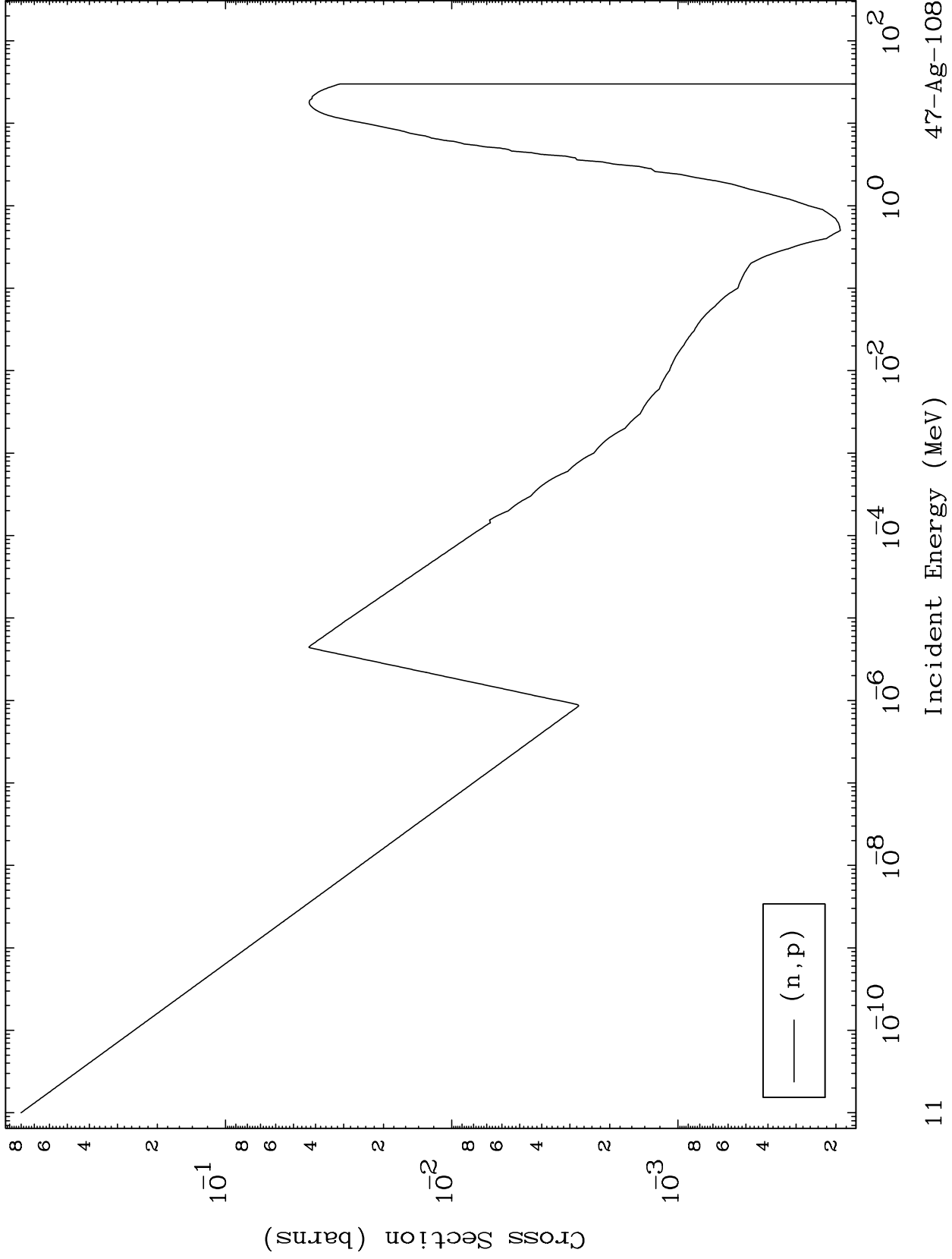
Incident Energy (MeV)

10

MAT 4728

(n,p) Levels  
293 Kelvin Cross Sections

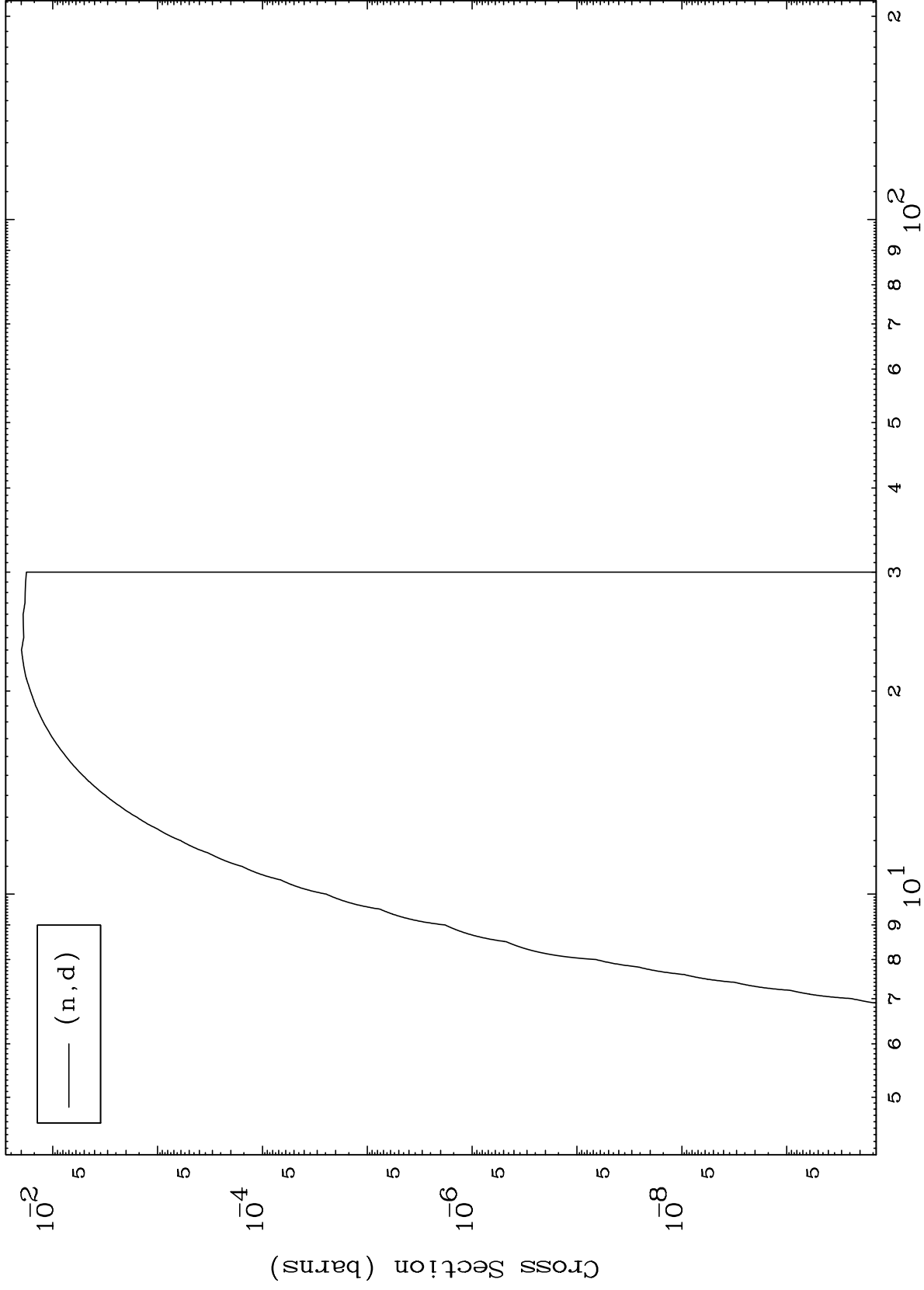
47-Ag-108



MAT 4728

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-108



12

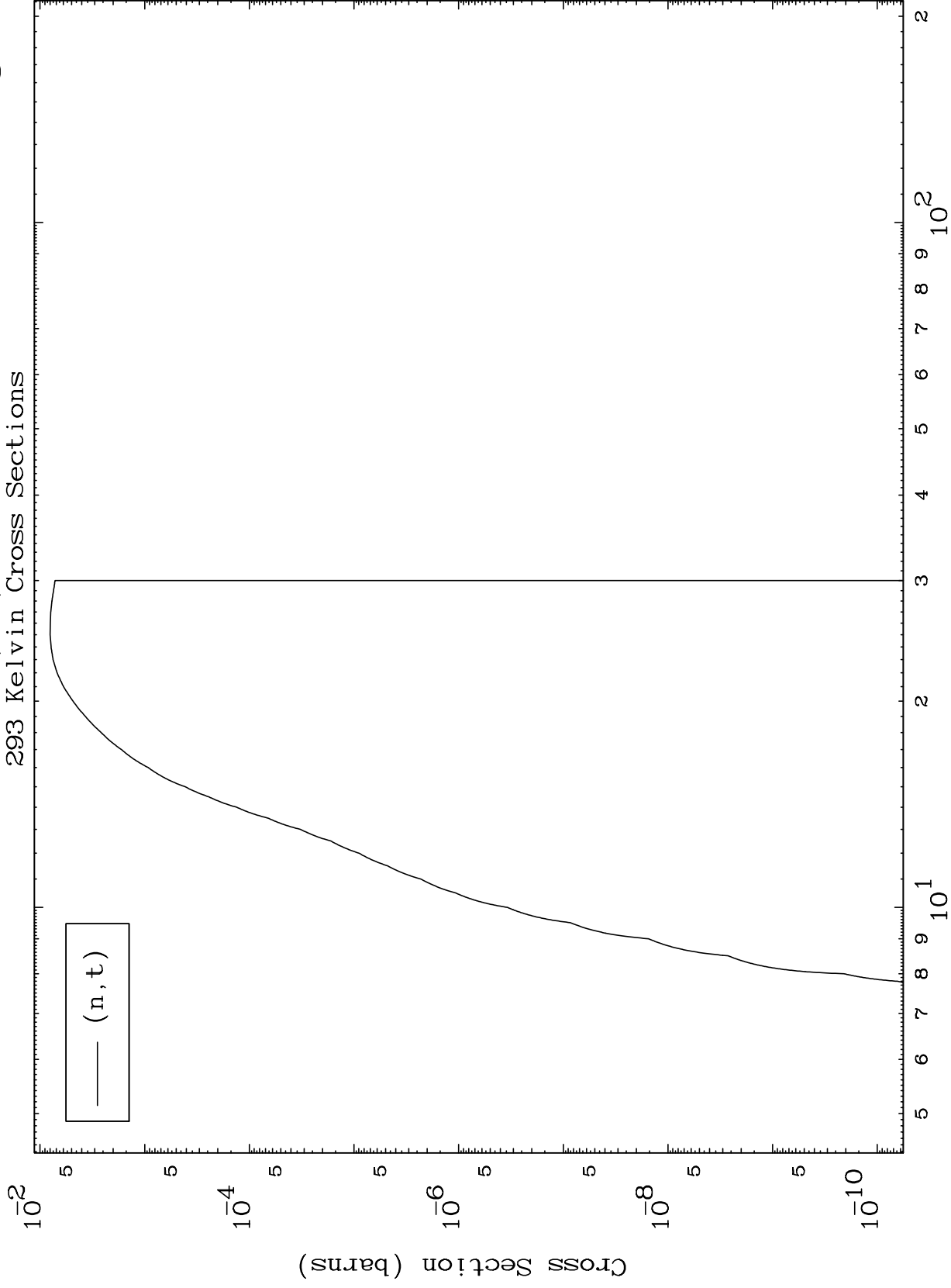
Incident Energy (MeV)

47-Ag-108

MAT 4728

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-108



13

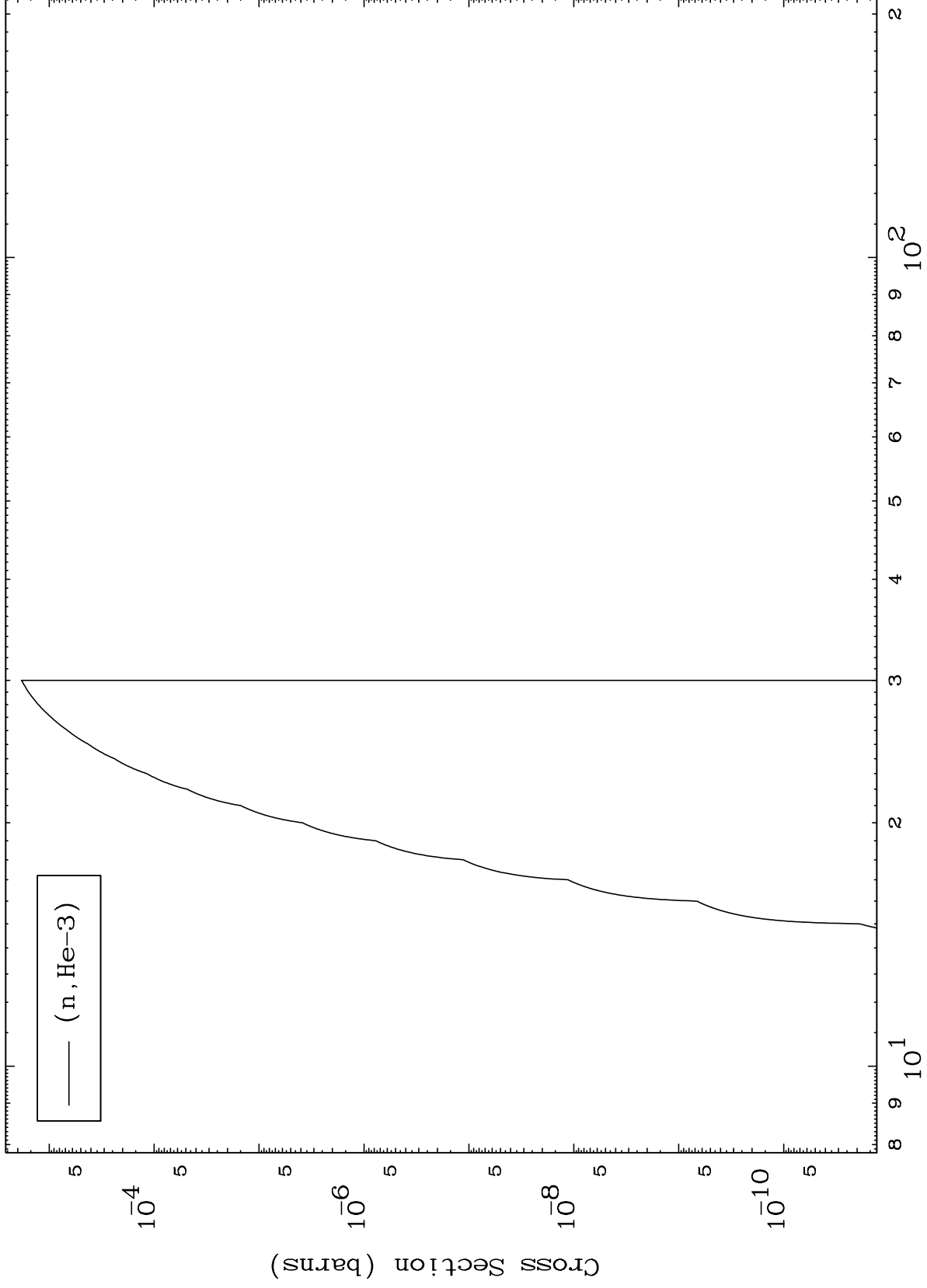
Incident Energy (MeV)

47-Ag-108

MAT 4728

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-108



14

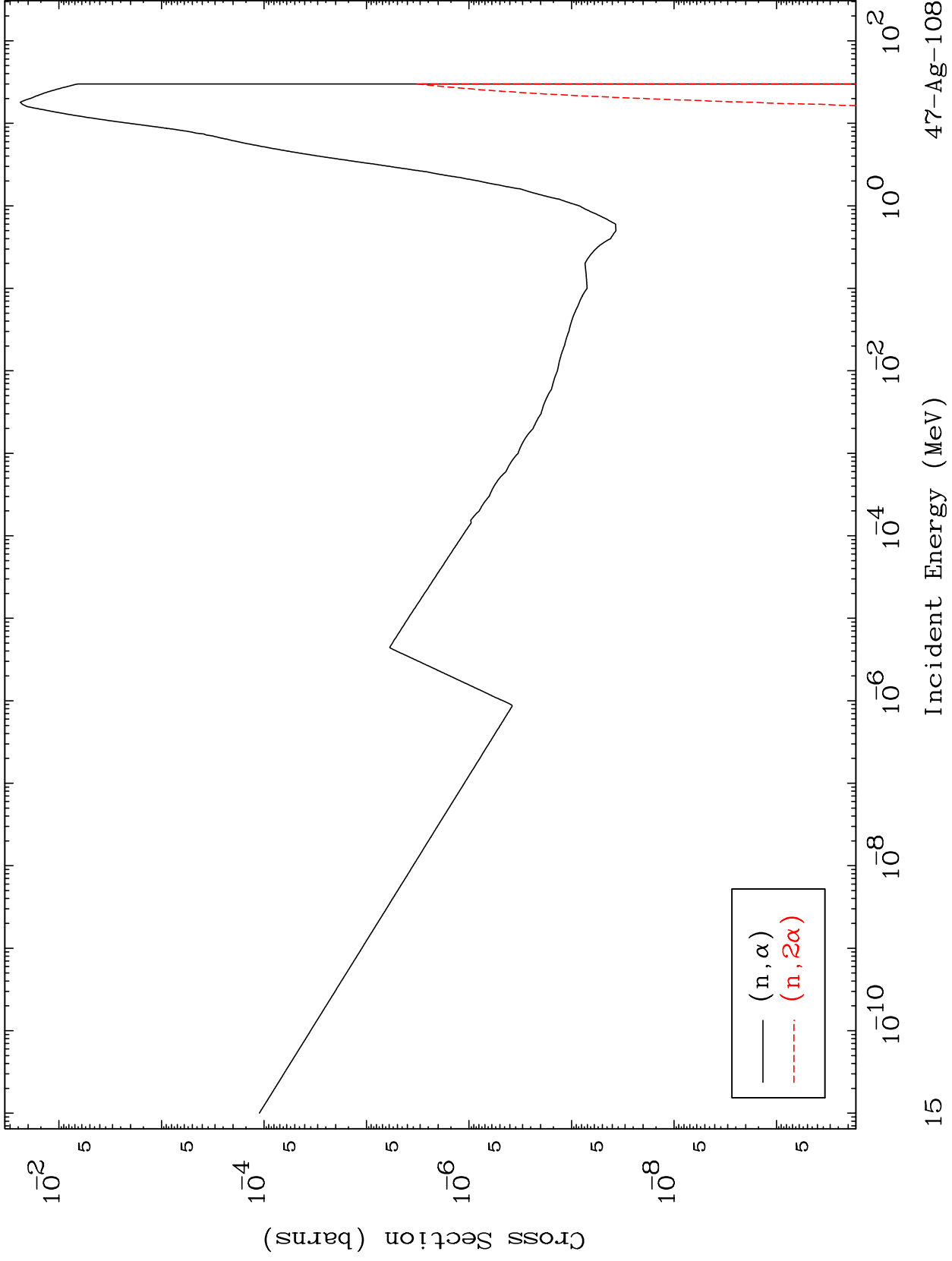
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108

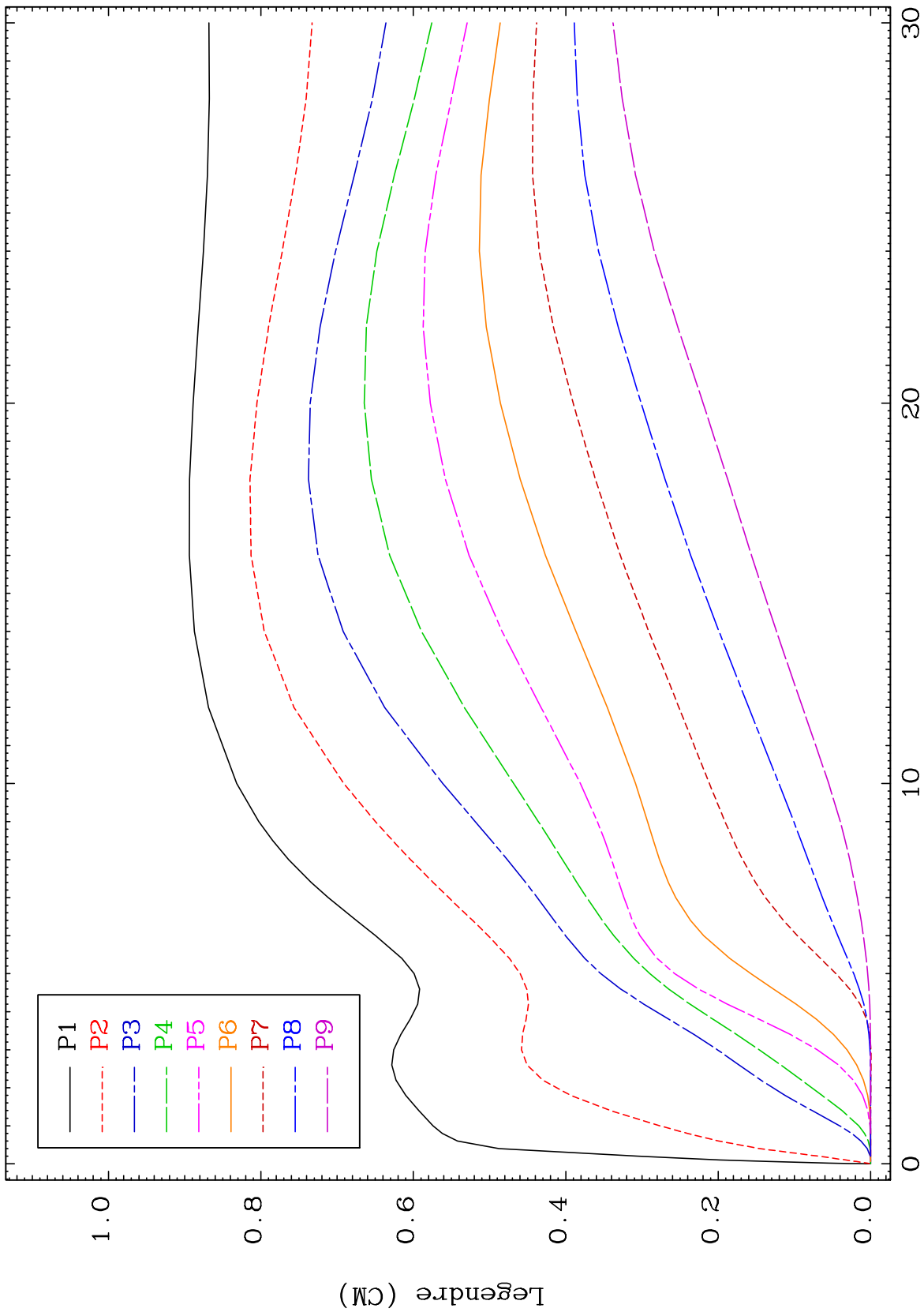




MAT 4728

Elastic Legendre Coefficients

47-Ag-108



16

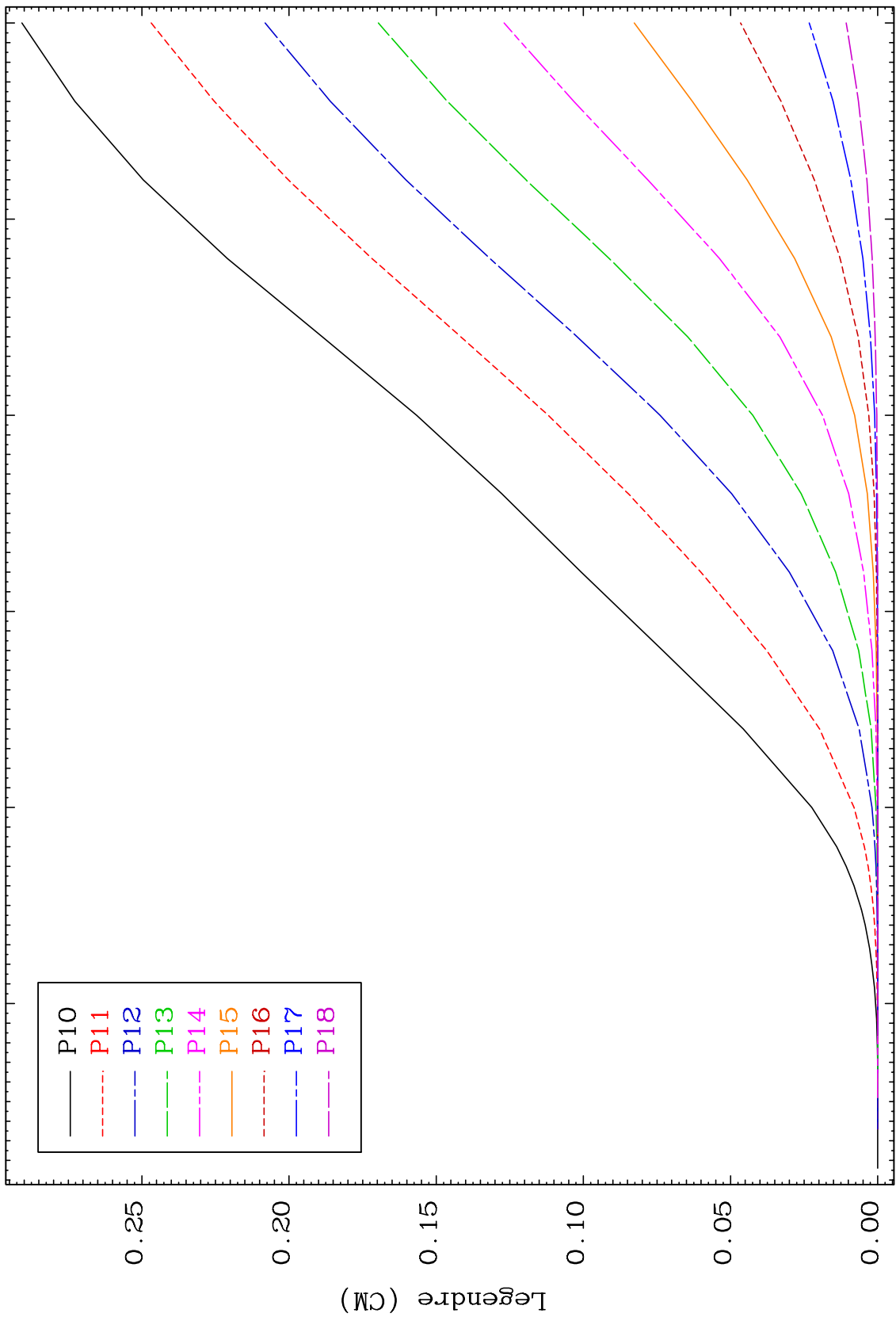
Incident Energy (MeV)

47-Ag-108

MAT 4728

Elastic Legendre Coefficients

47-Ag-108



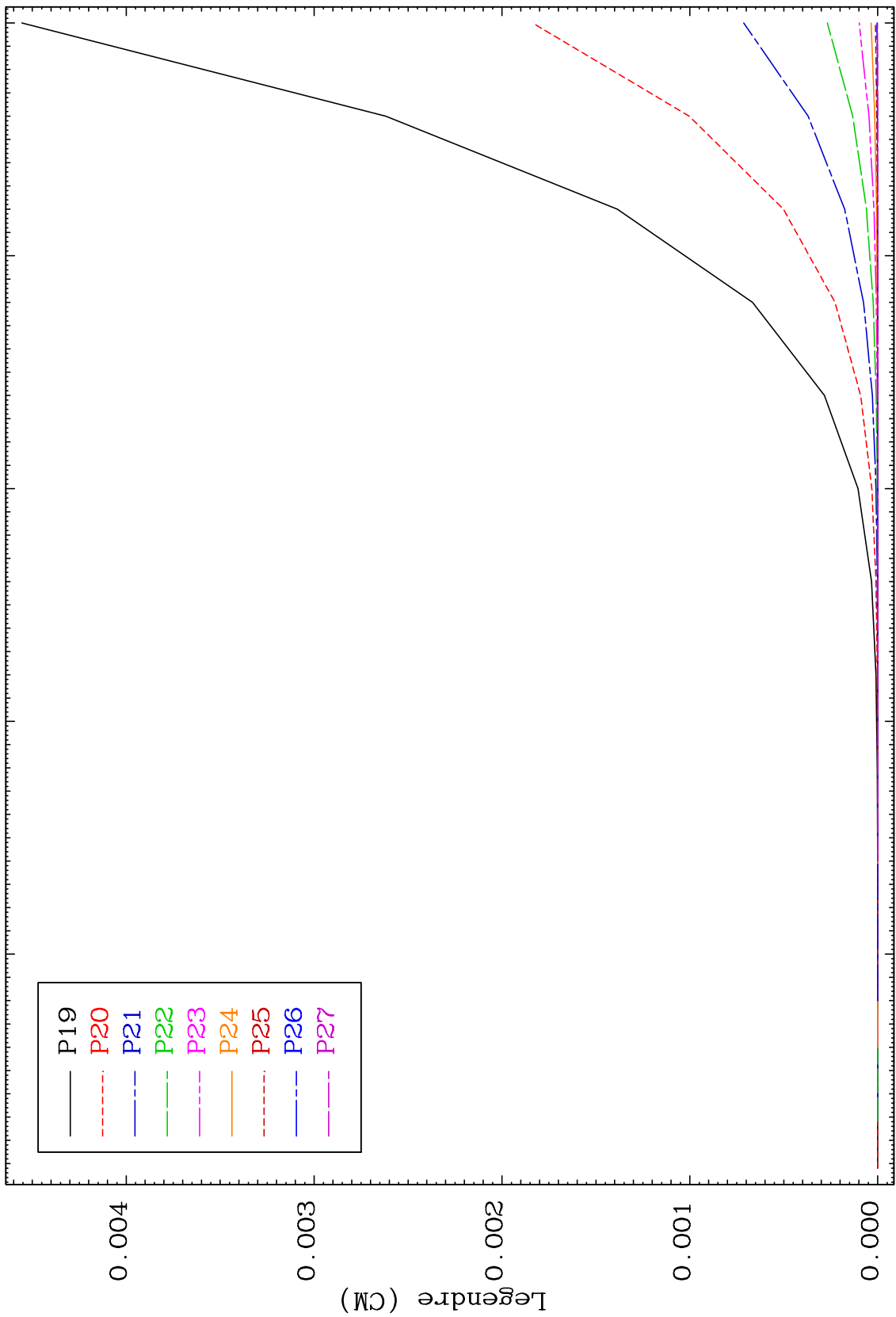
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47-Ag-108

MAT 4728

Elastic Legendre Coefficients

47-Ag-108



18

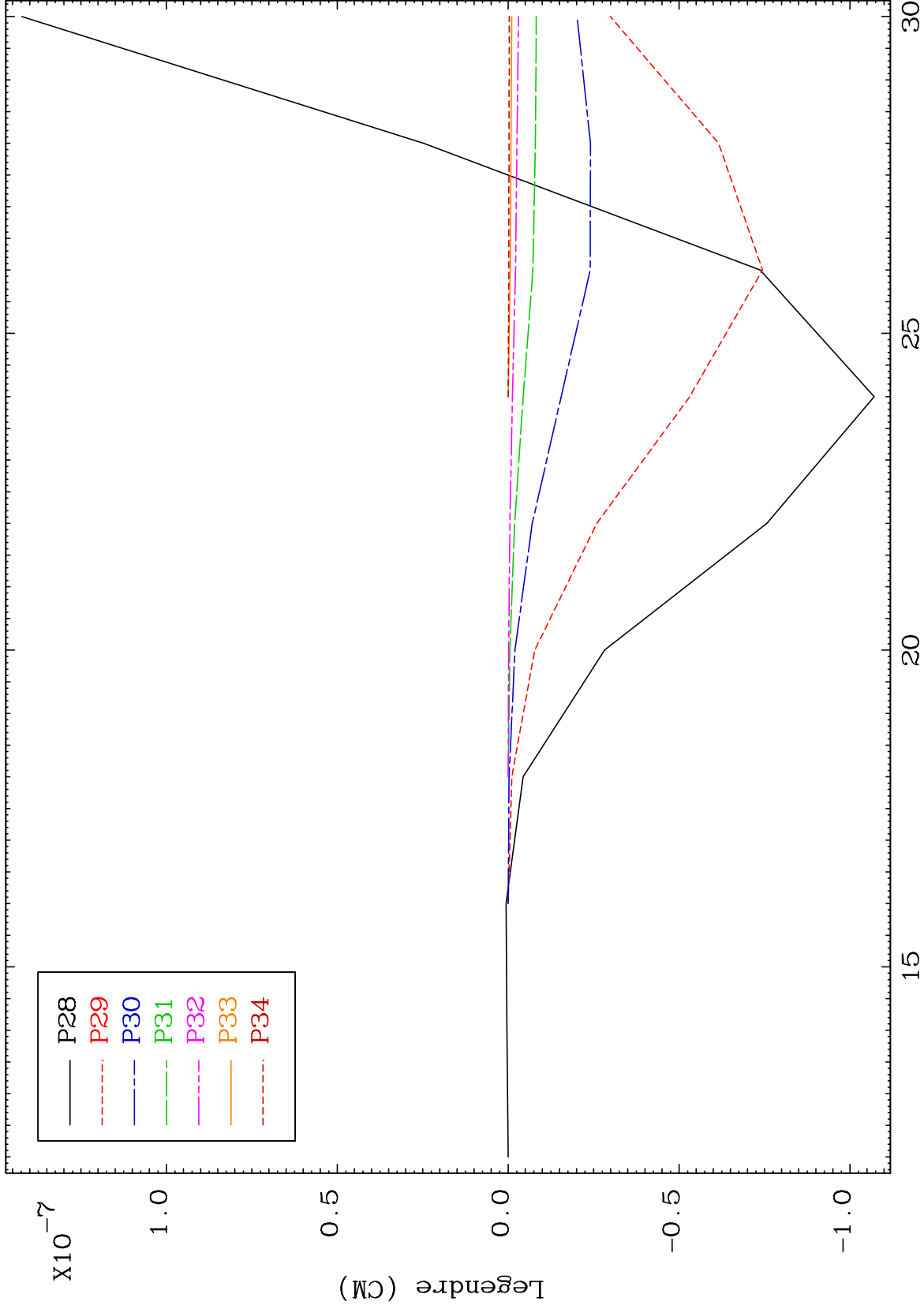
Incident Energy (MeV)

47-Ag-108

MAT 4728

Elastic Legendre Coefficients

47-Ag-108



19

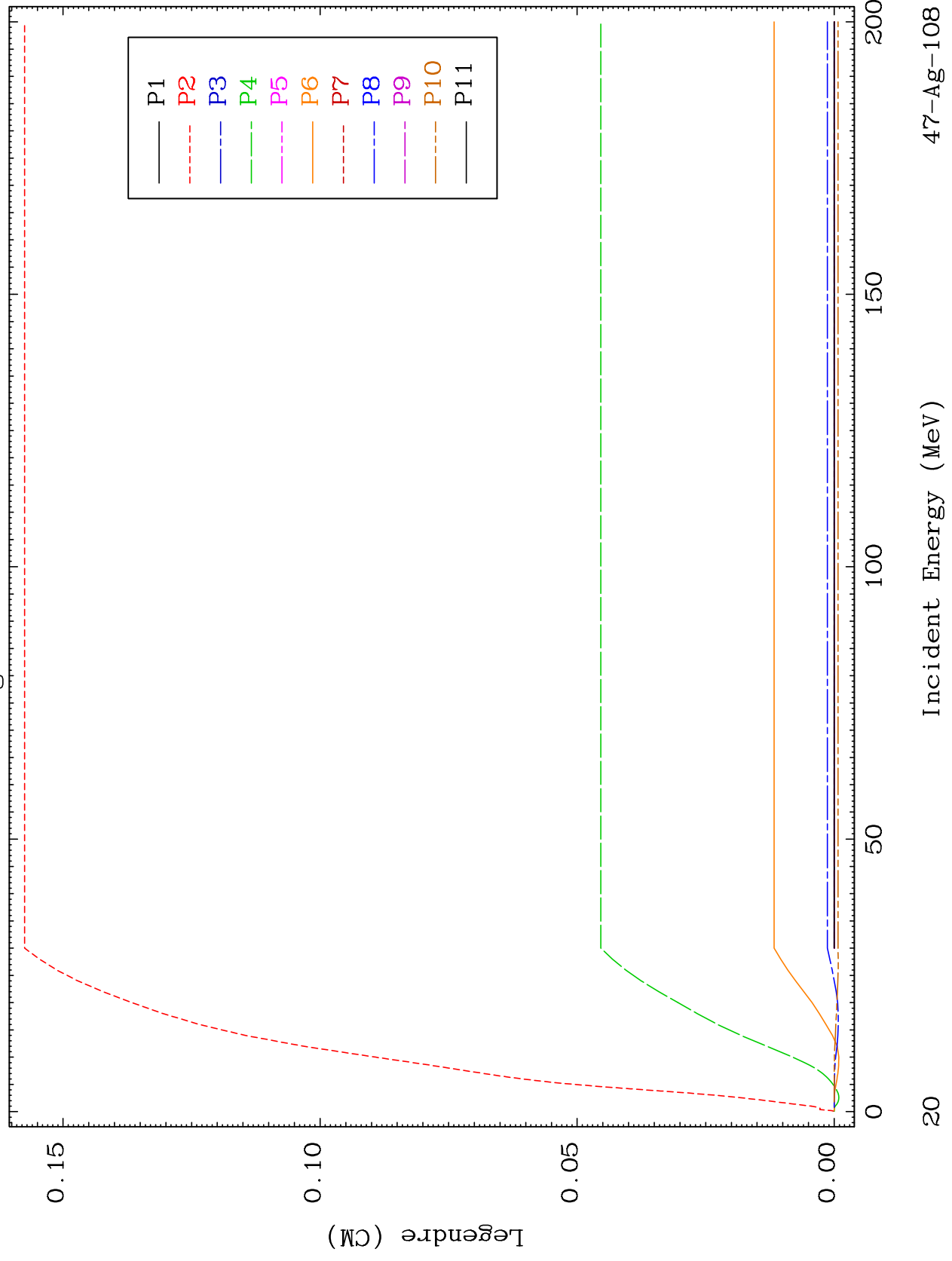
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108

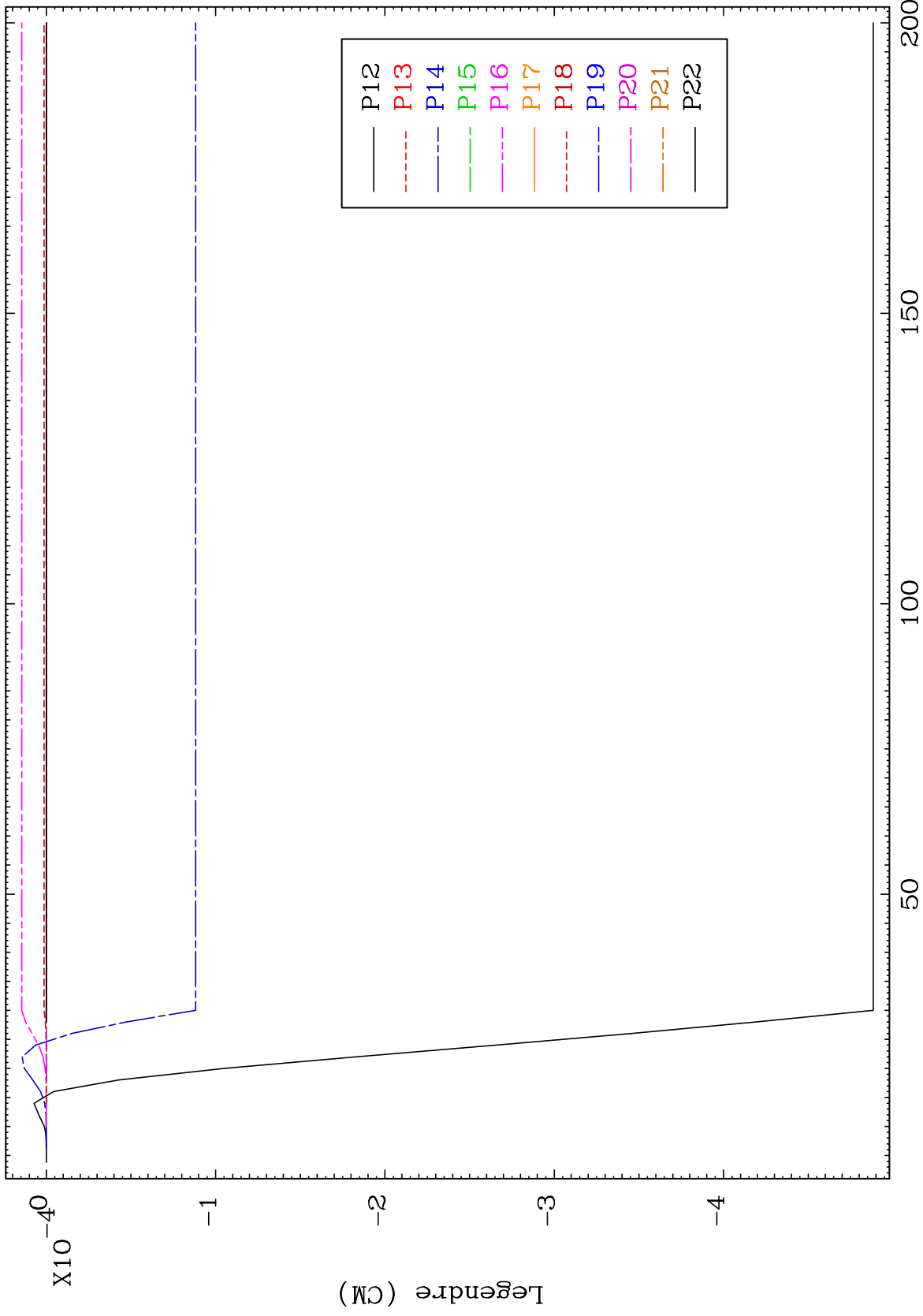


47-Ag-108

MAT 4728

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

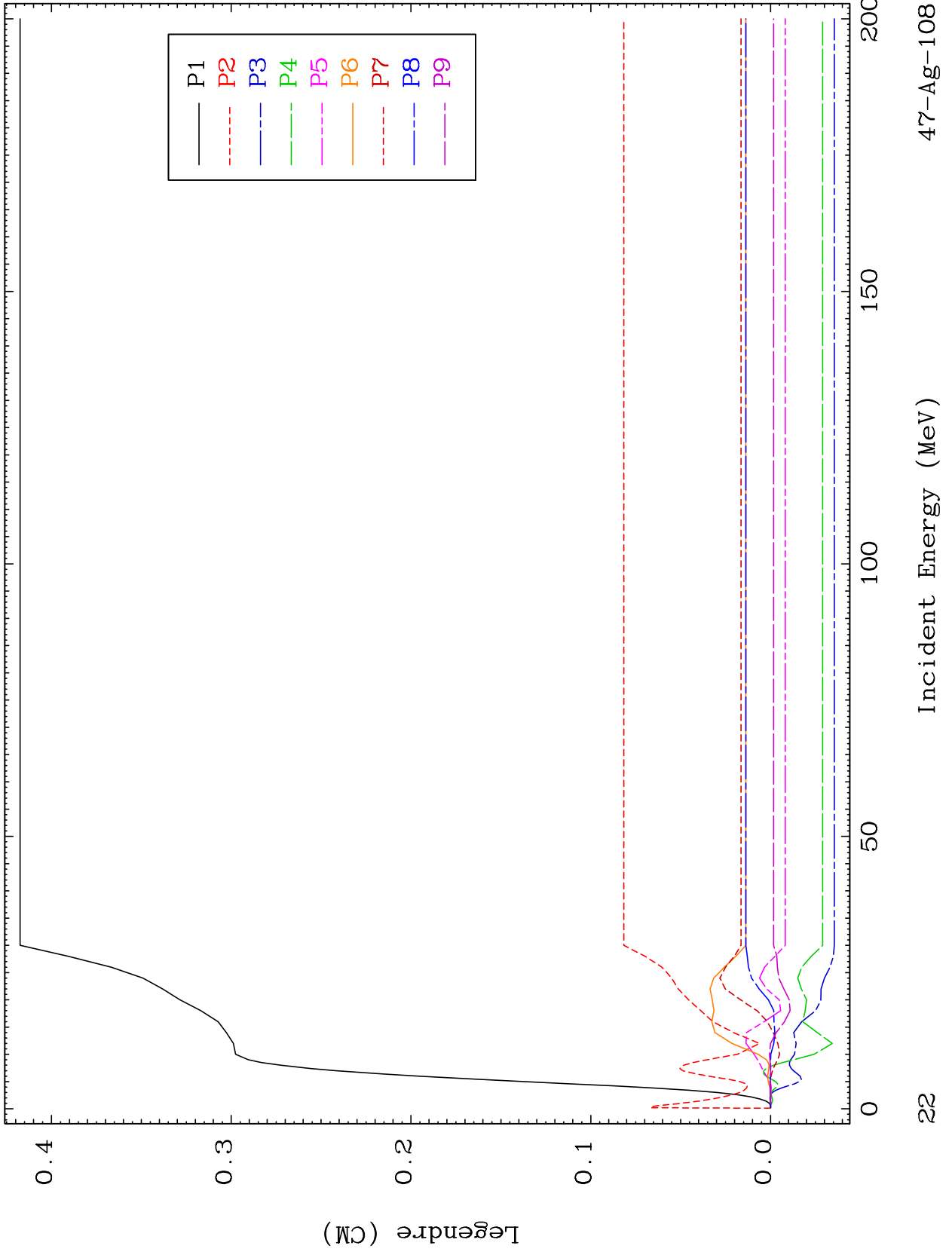
47-Ag-108



MAT 4728

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

47-Ag-108



22

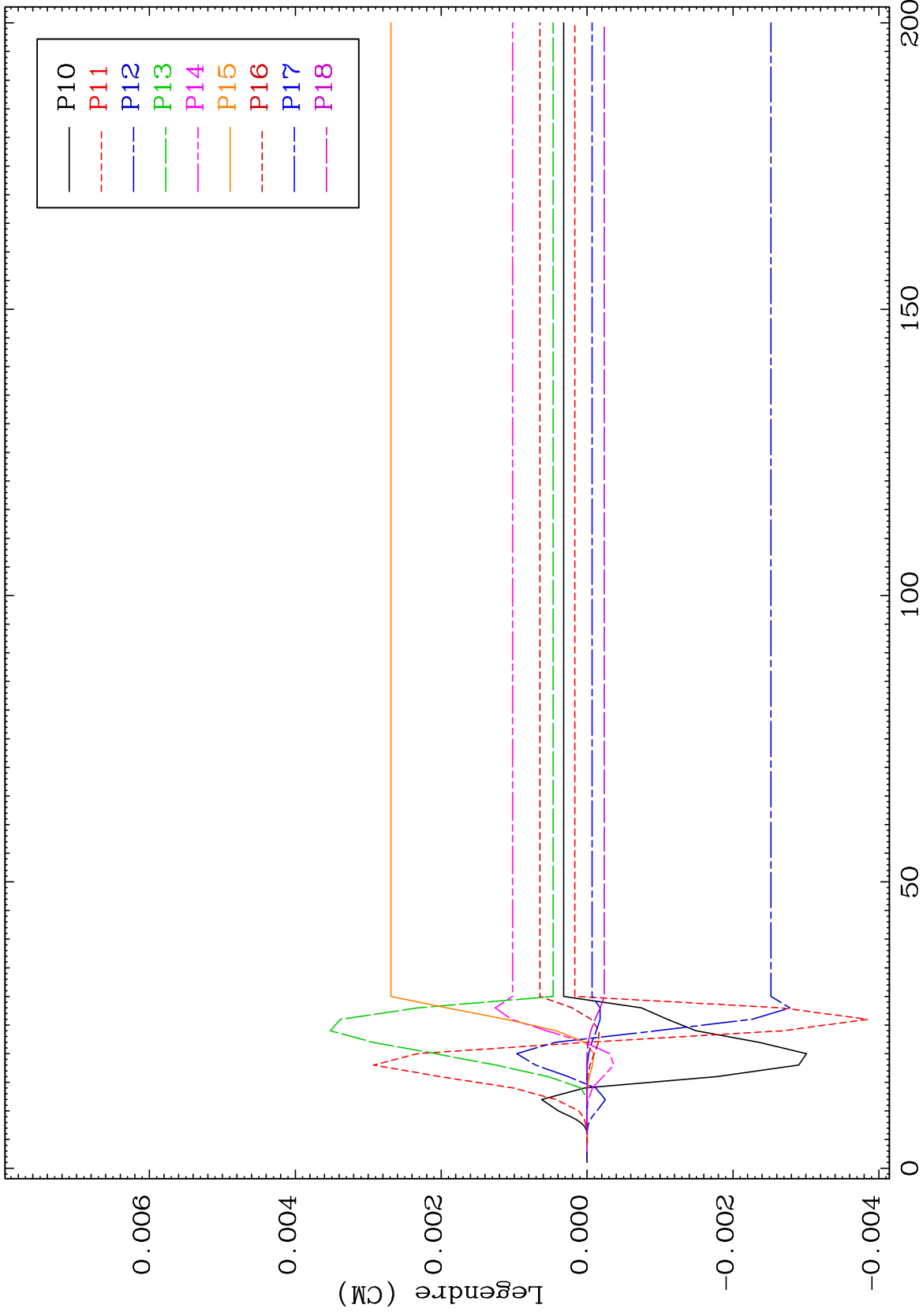
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



23

Incident Energy (MeV)

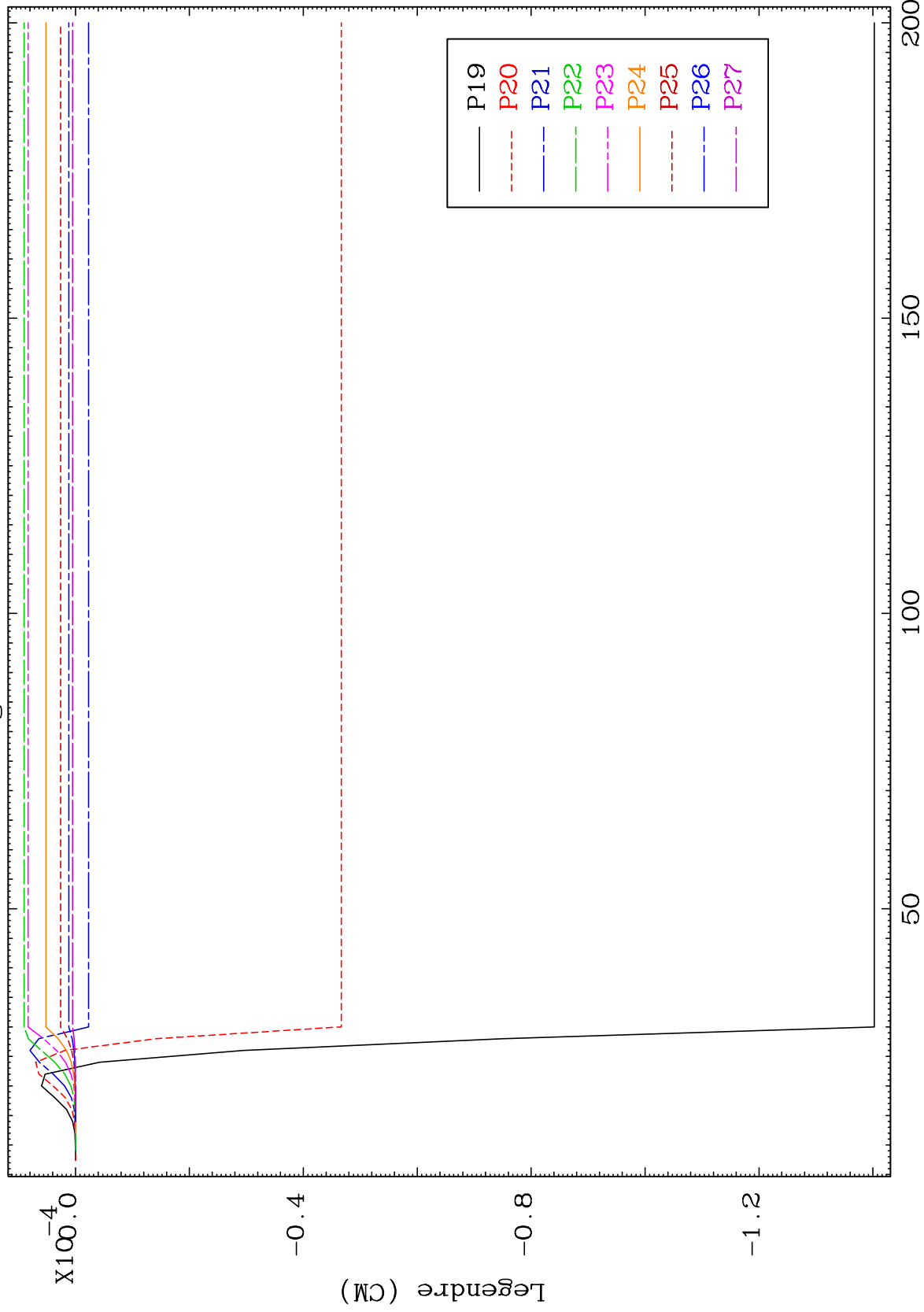
47-Ag-108



MAT 4728

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

47-Ag-108



24

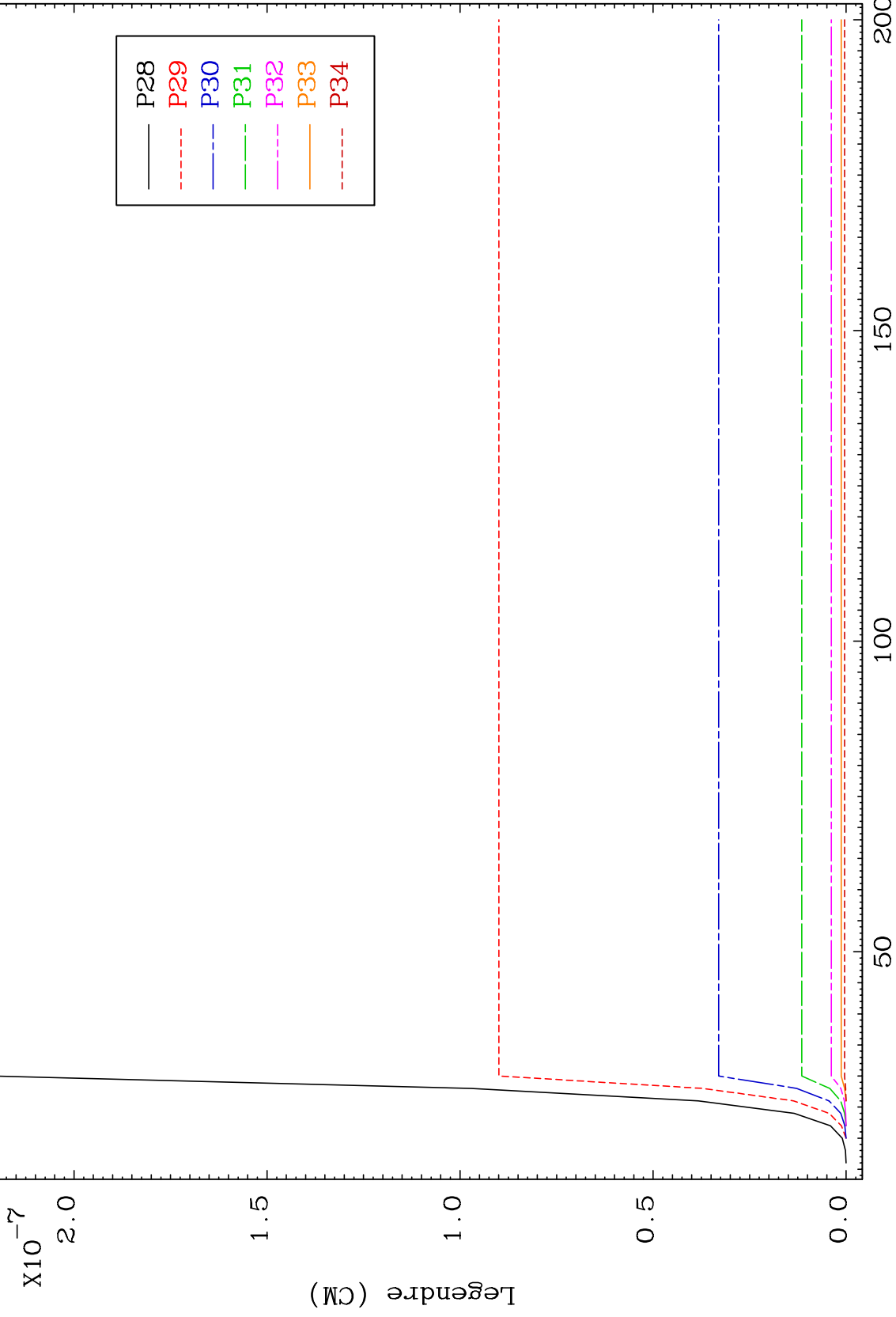
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



25

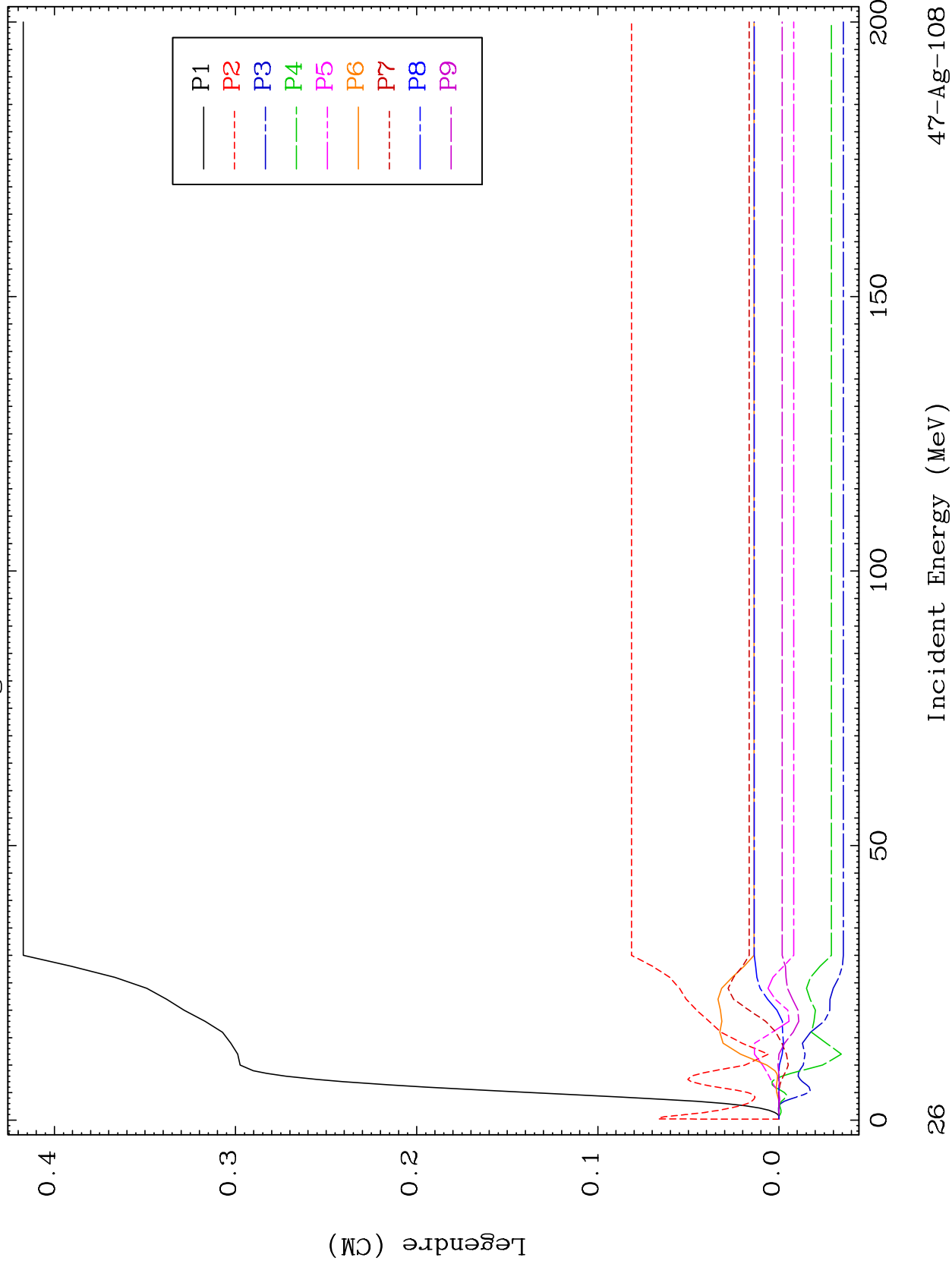
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



26

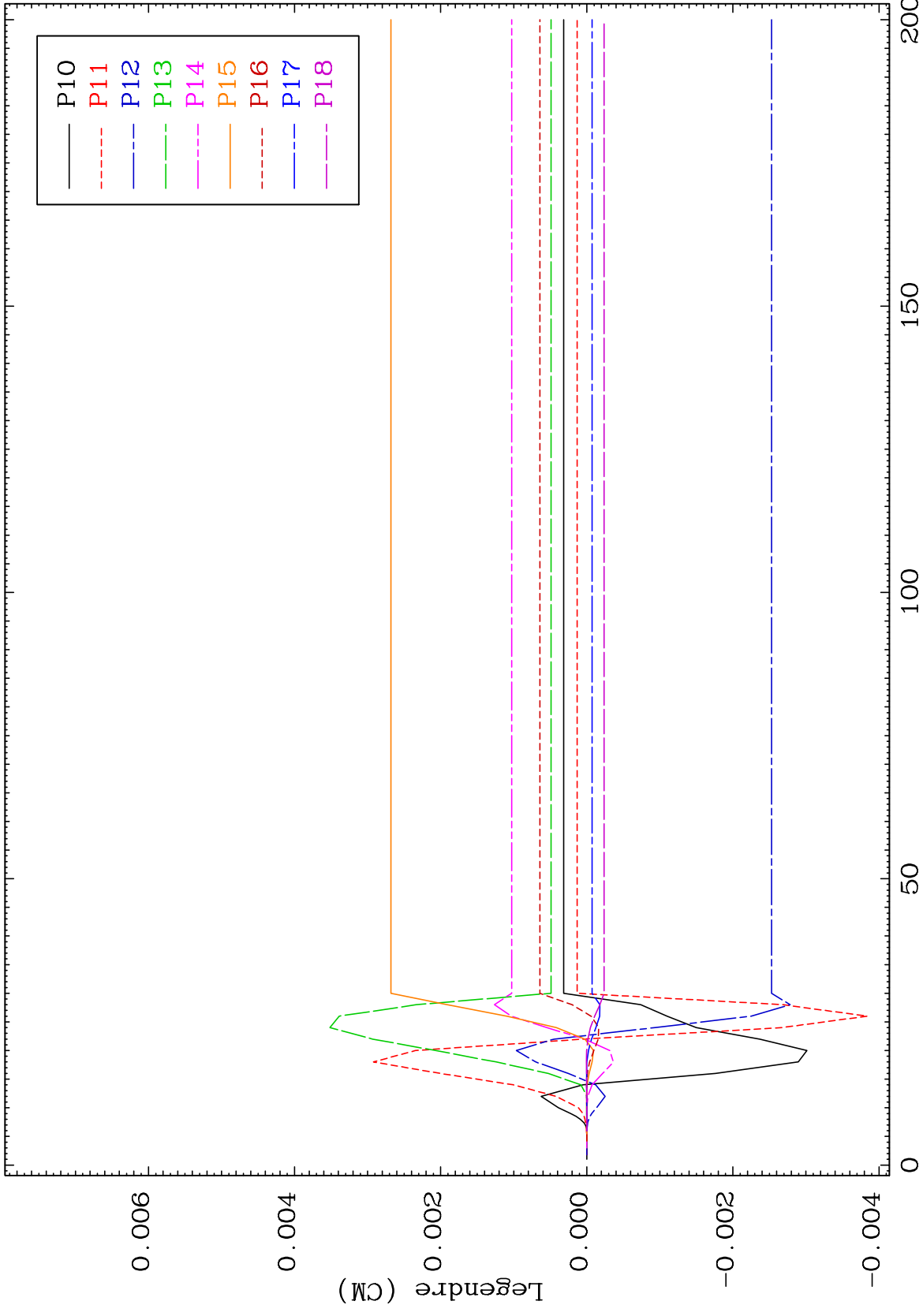
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



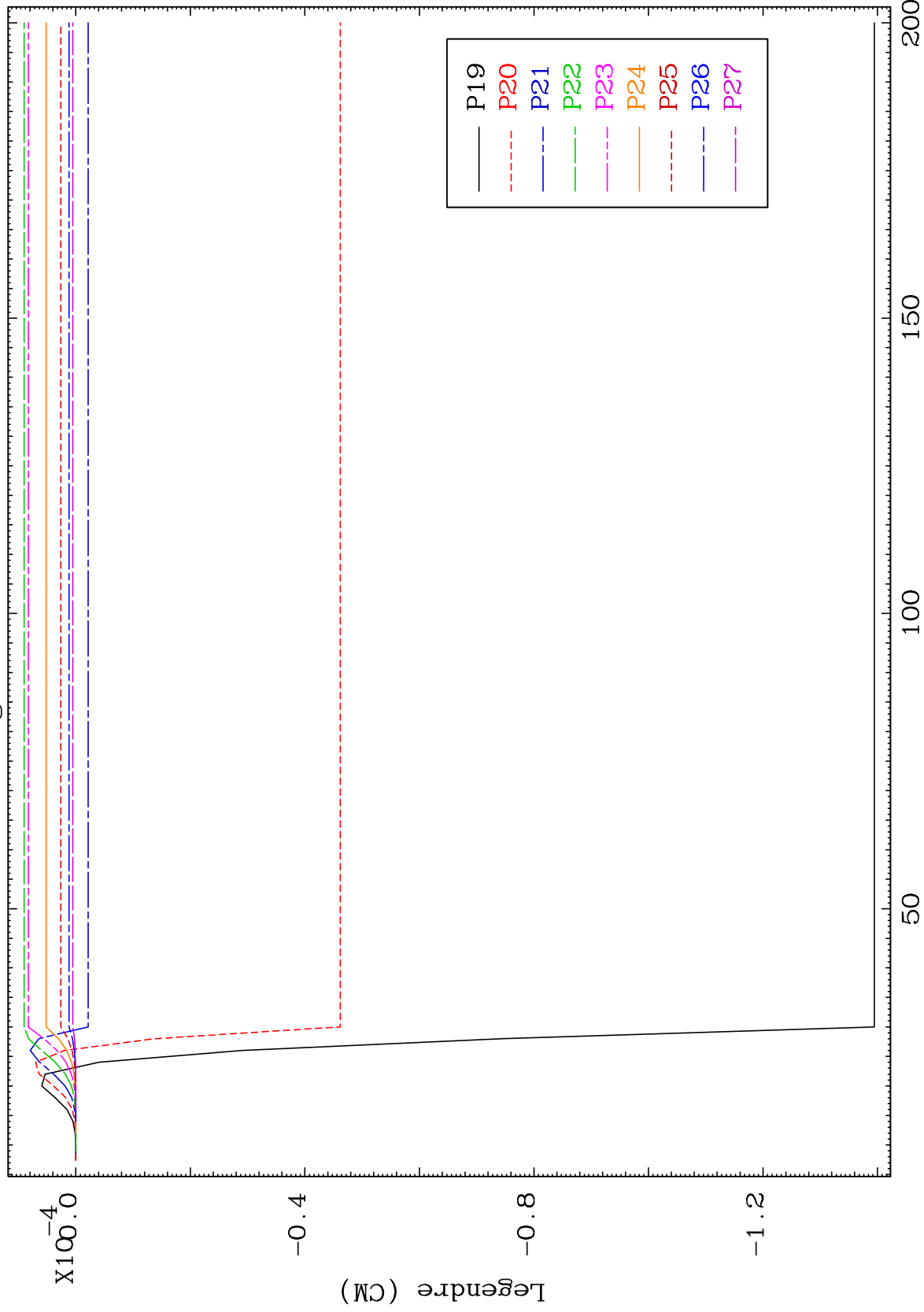
27

47-Ag-108

MAT 4728

47-Ag-108

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



28

Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108

$\times 10^{-7}$   
2.0

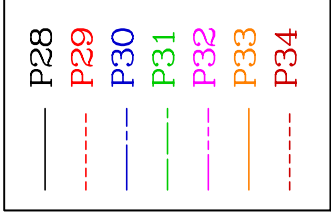
1.5

1.0

0.5

0.0

Legendre (CM)



200

150

100

50

29

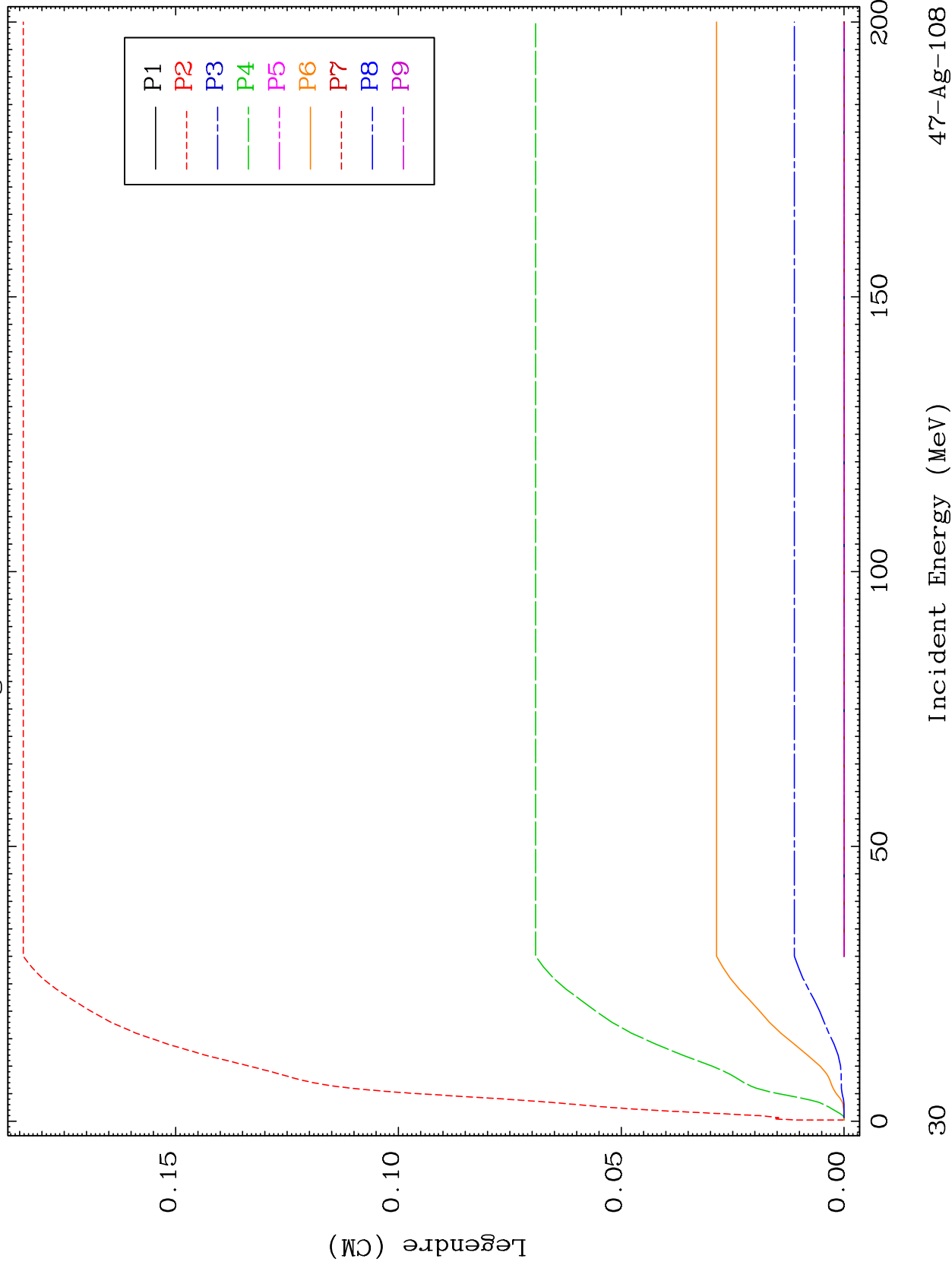
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

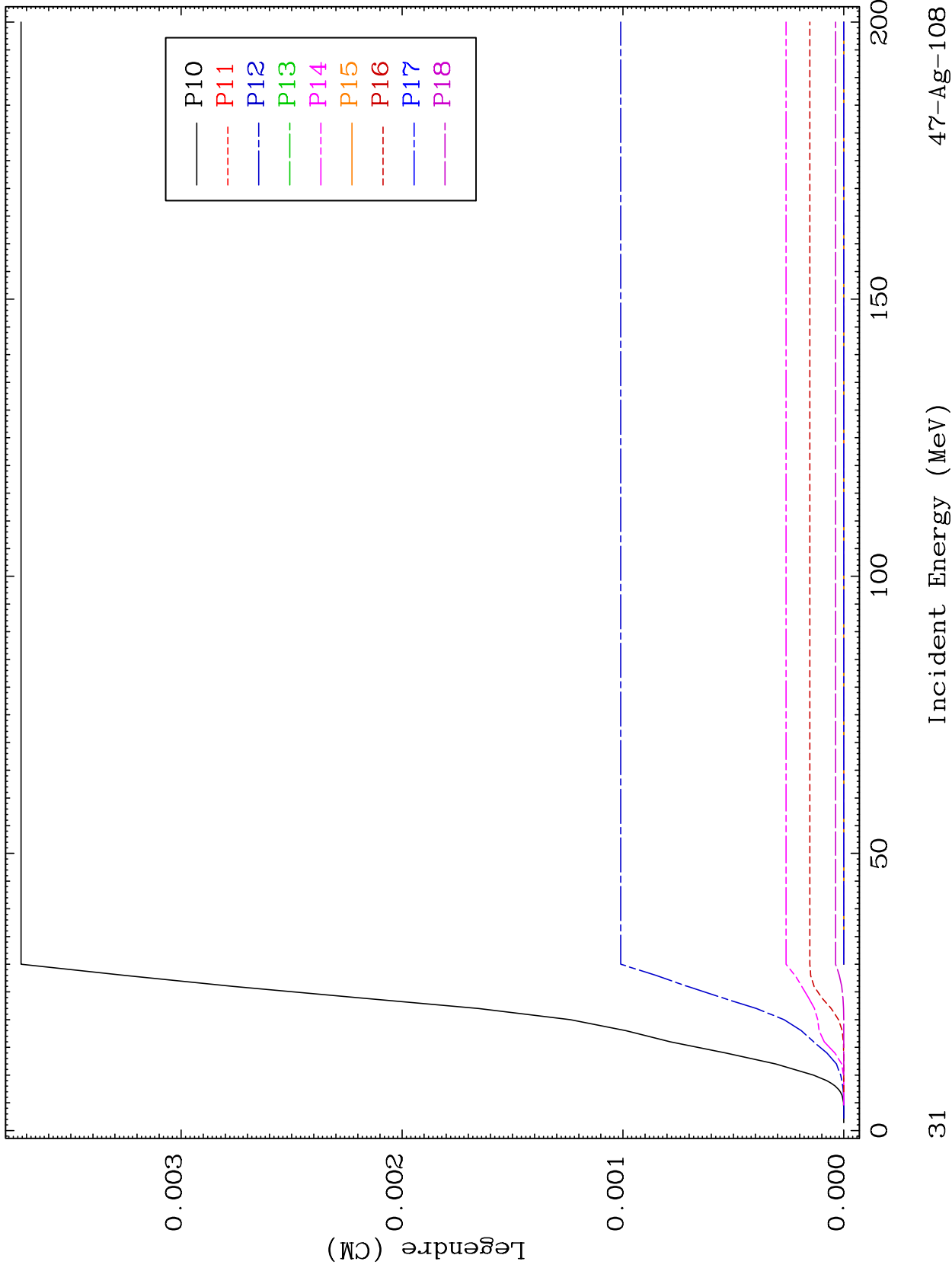
47-Ag-108



MAT 4728

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

47-Ag-108



31

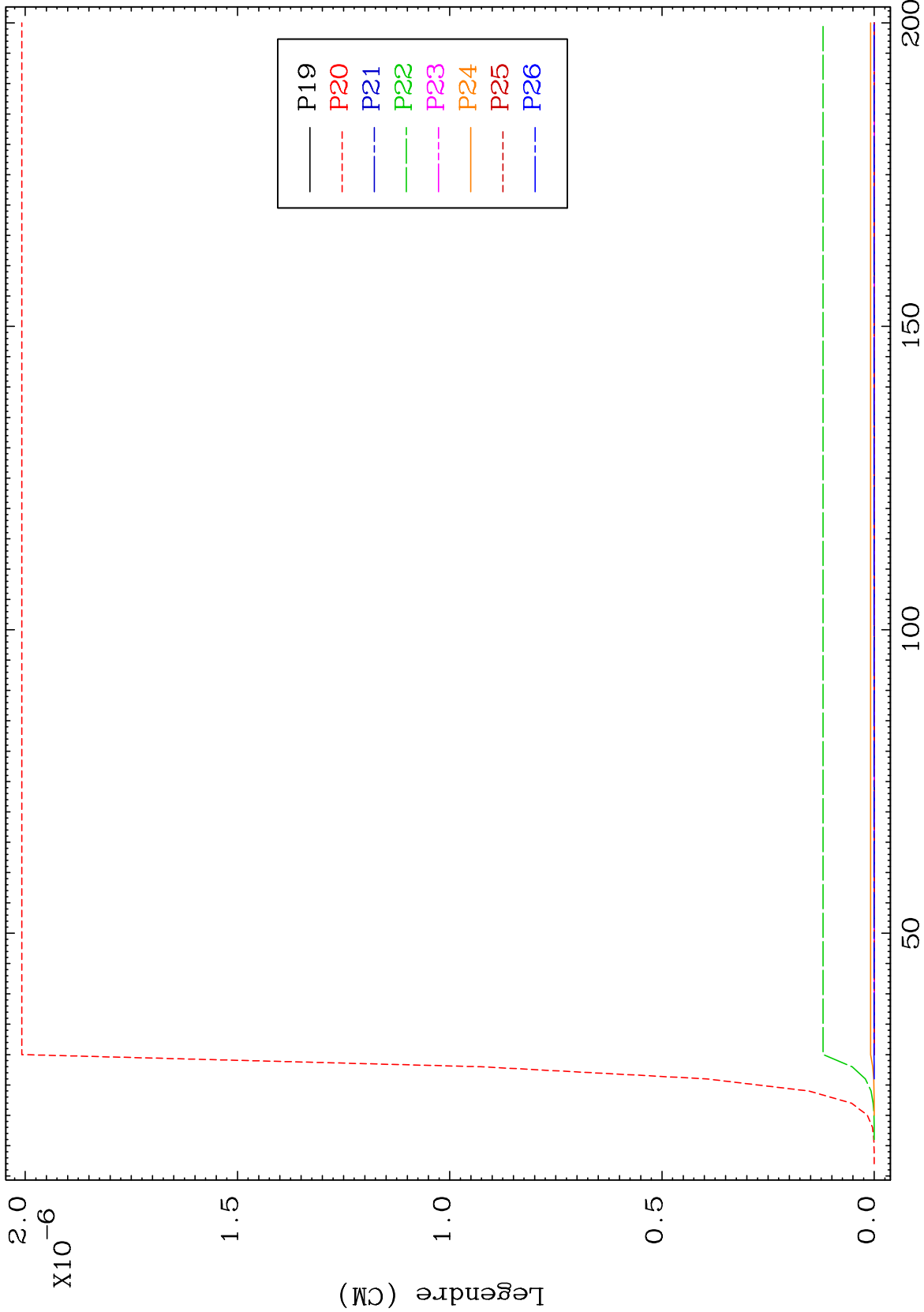
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MAT 4728

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

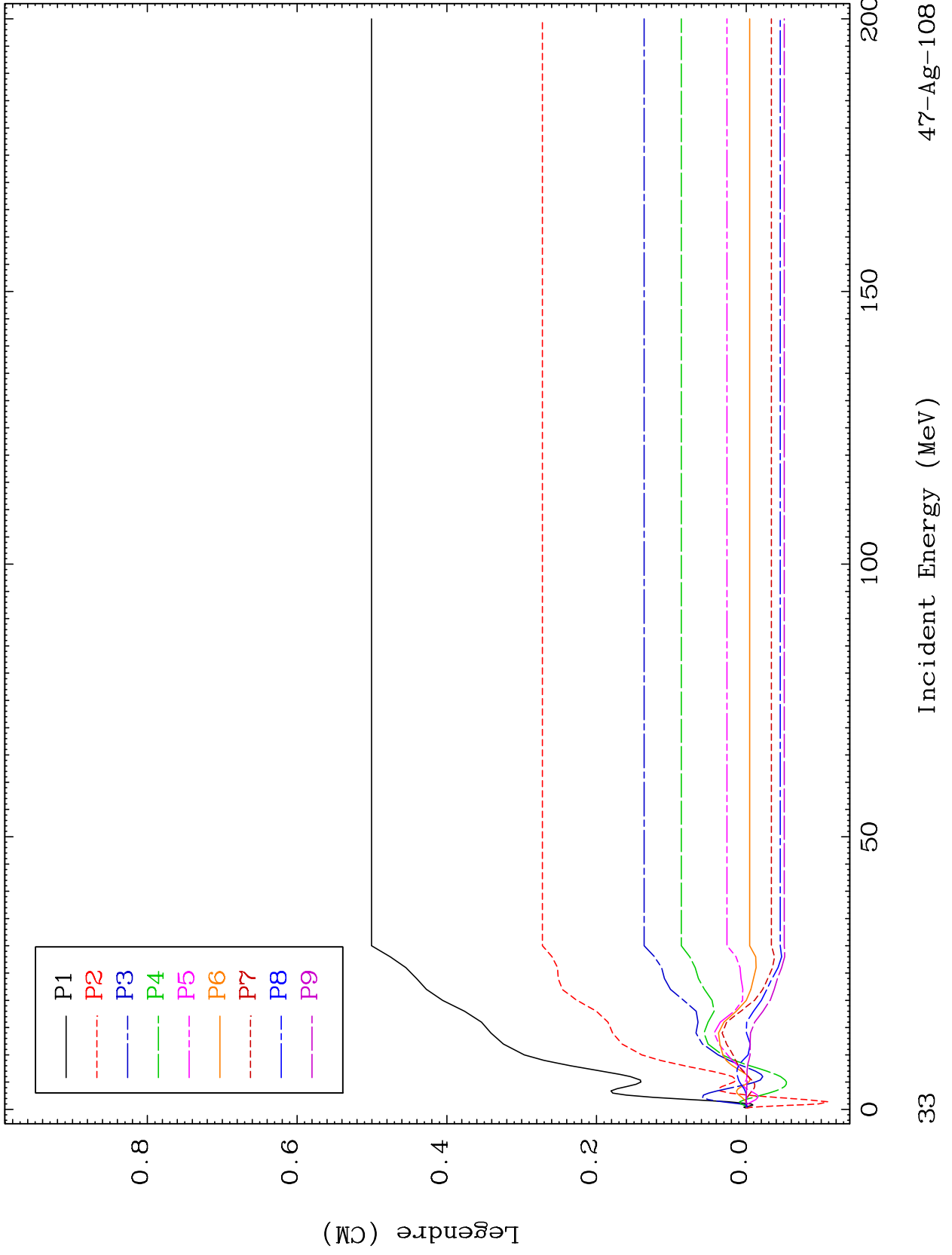
47-Ag-108



32

Incident Energy (MeV)

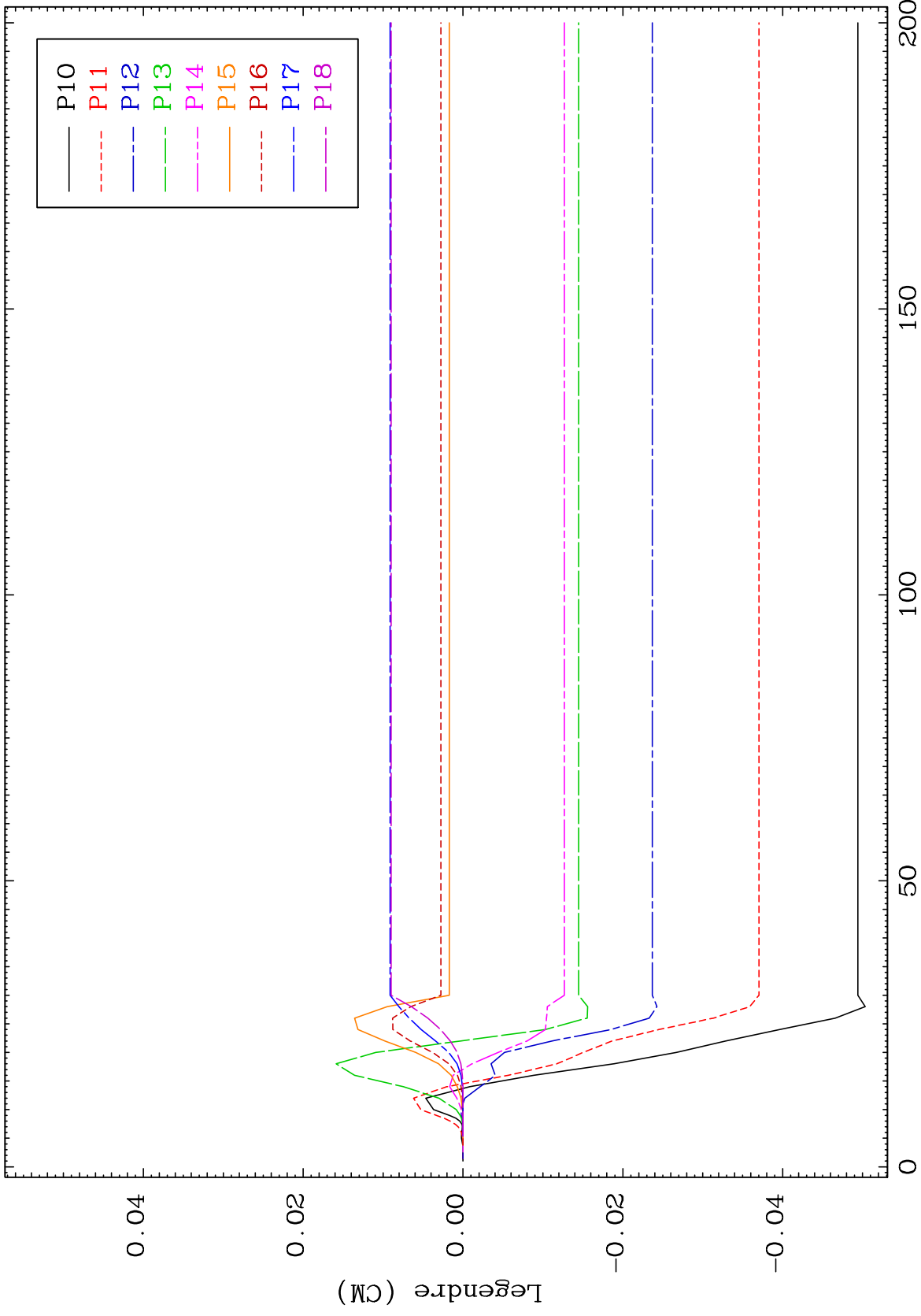
47-Ag-108



MAT 4728

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

47-Ag-108



34

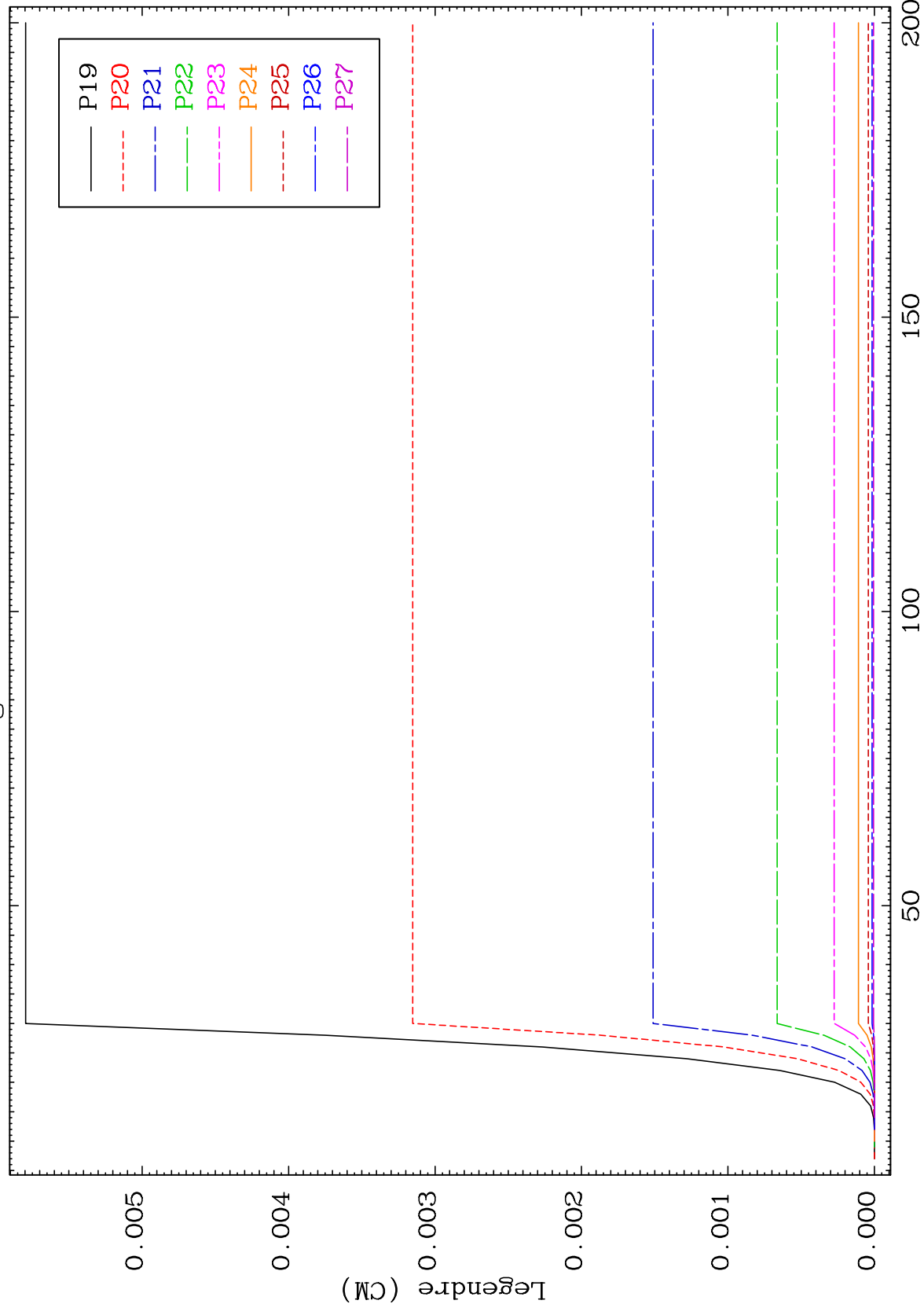
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



35

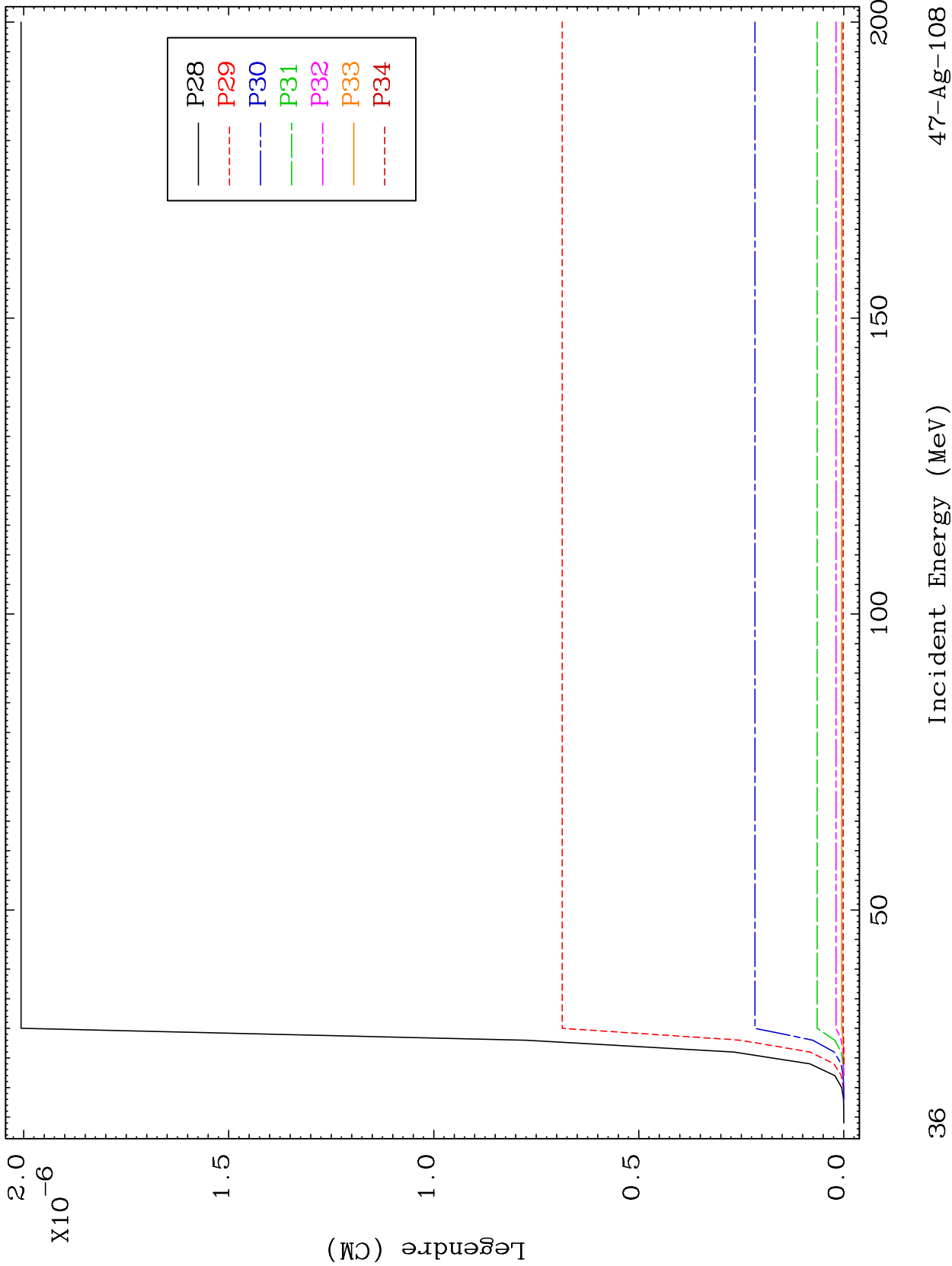
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



36

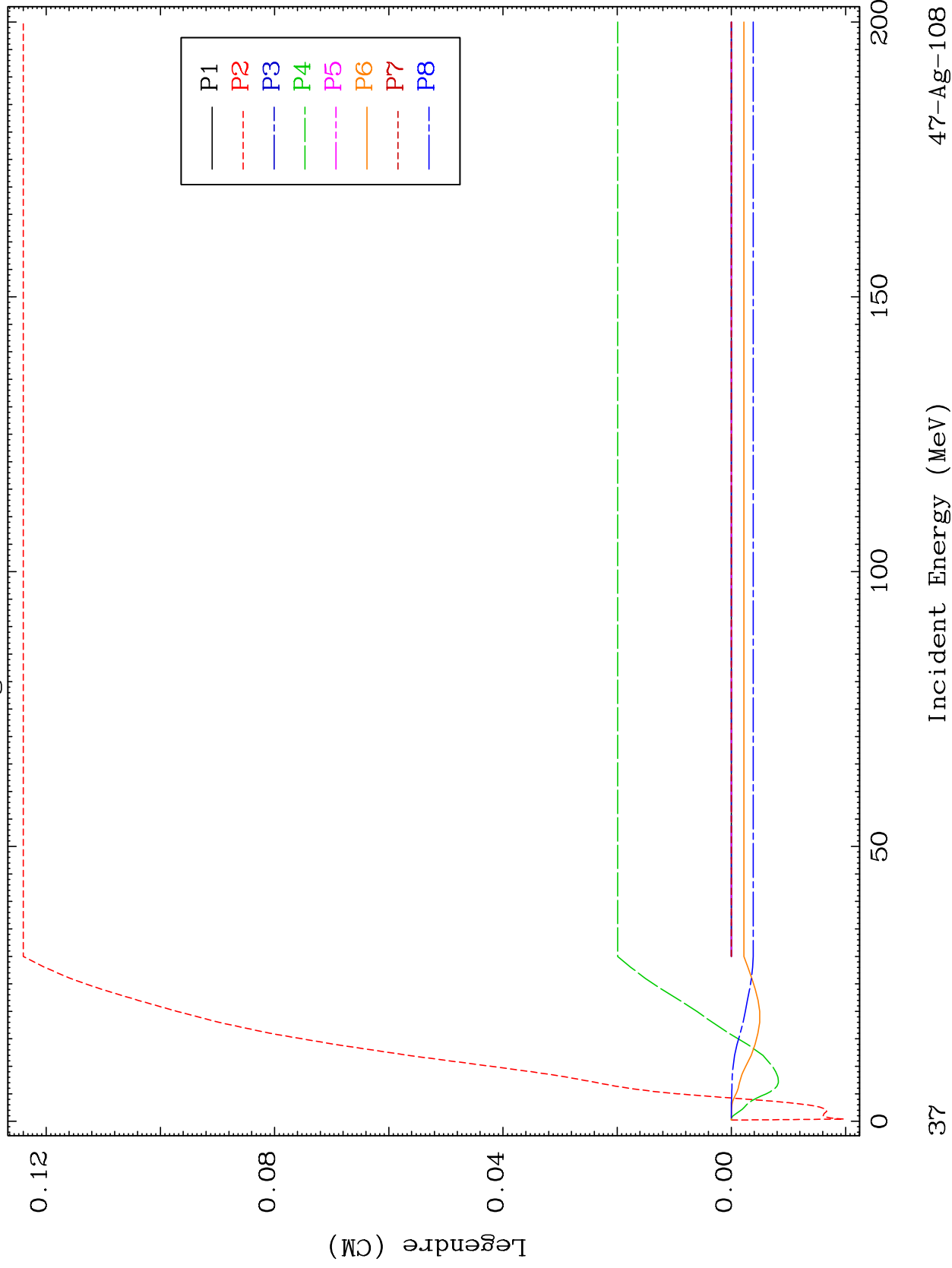
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

Incident Energy (MeV)

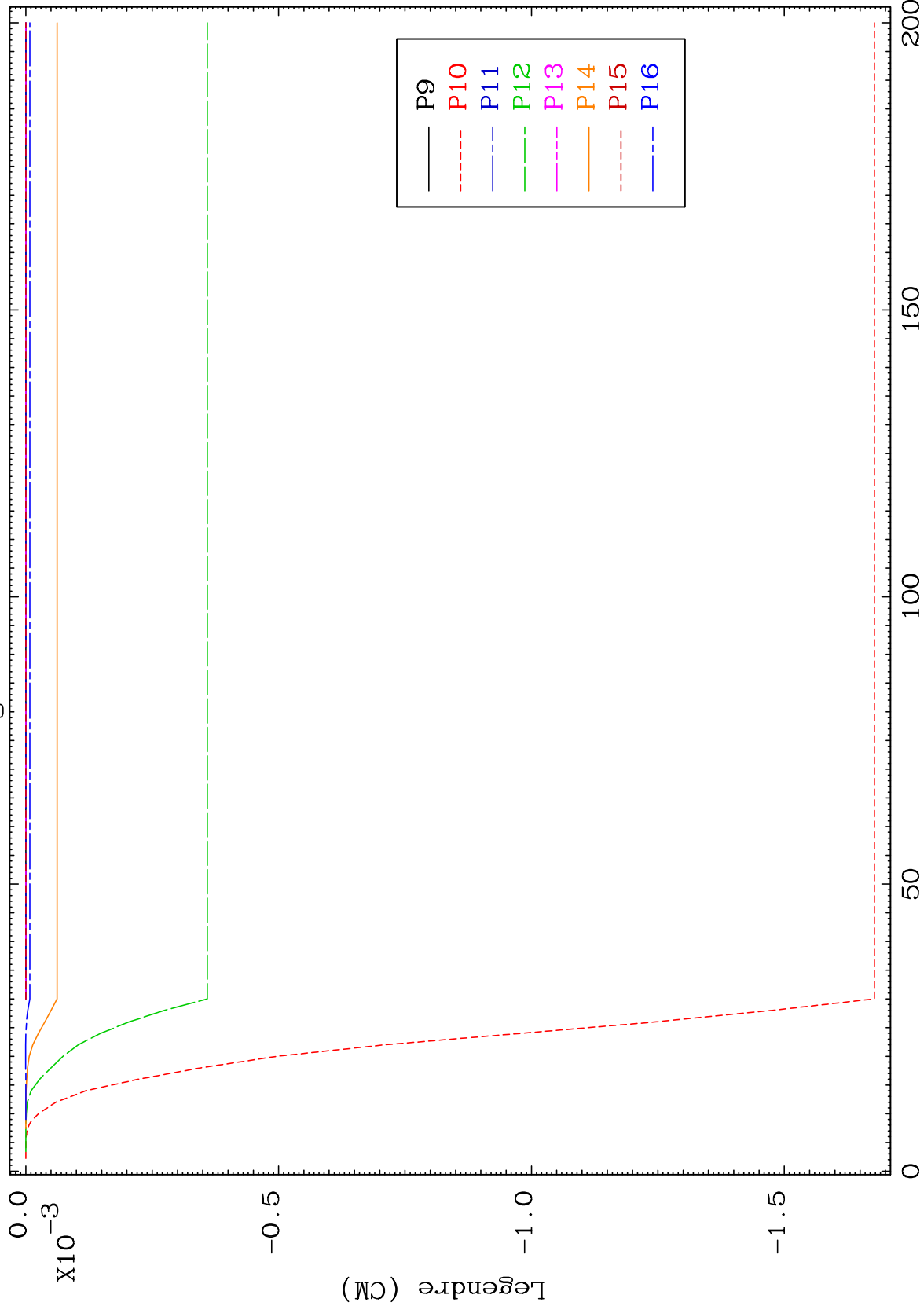
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MAT 4728

MT= 56 (n,n') Level

47-Ag-108

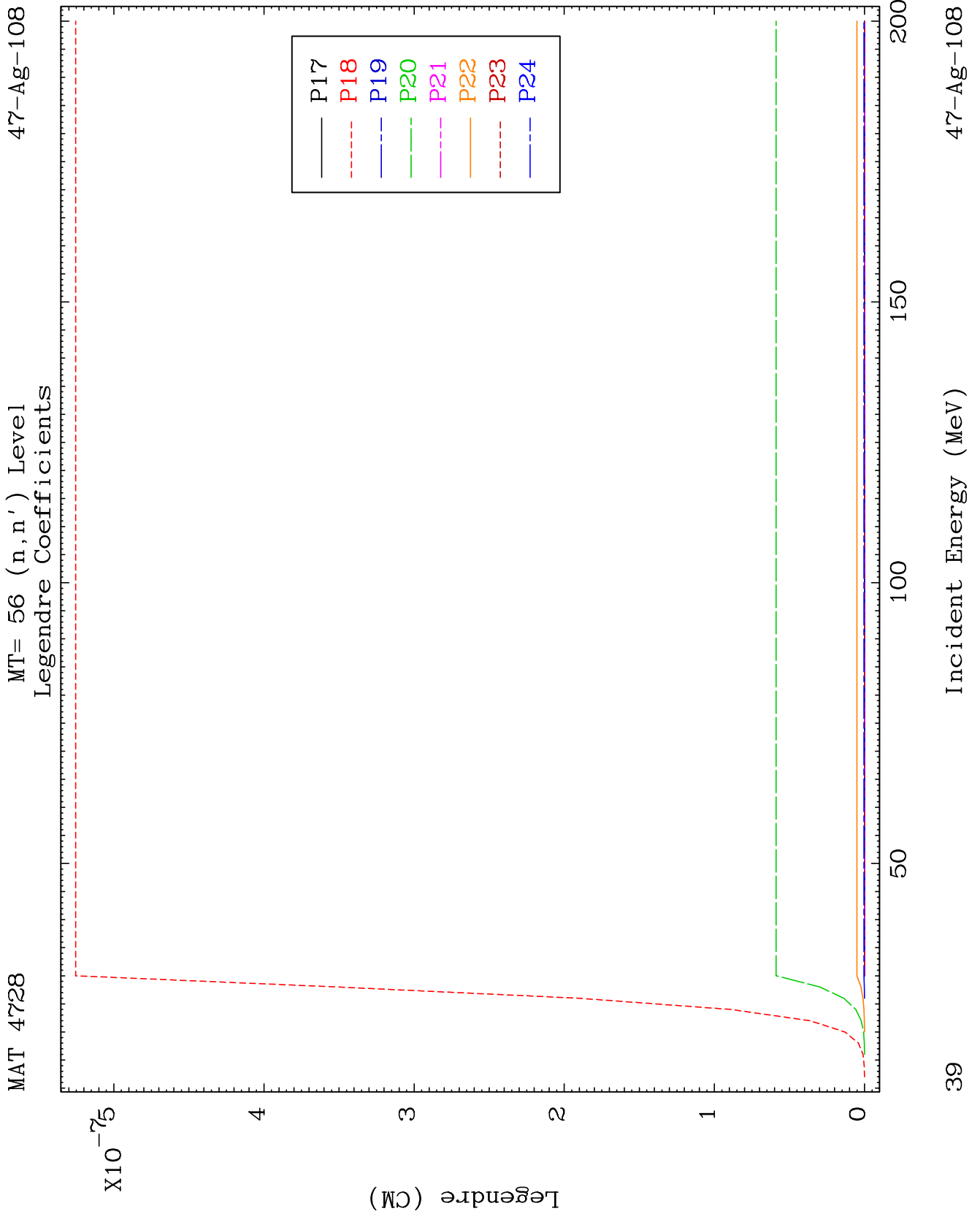
Legendre Coefficients



38

Incident Energy (MeV)

47-Ag-108



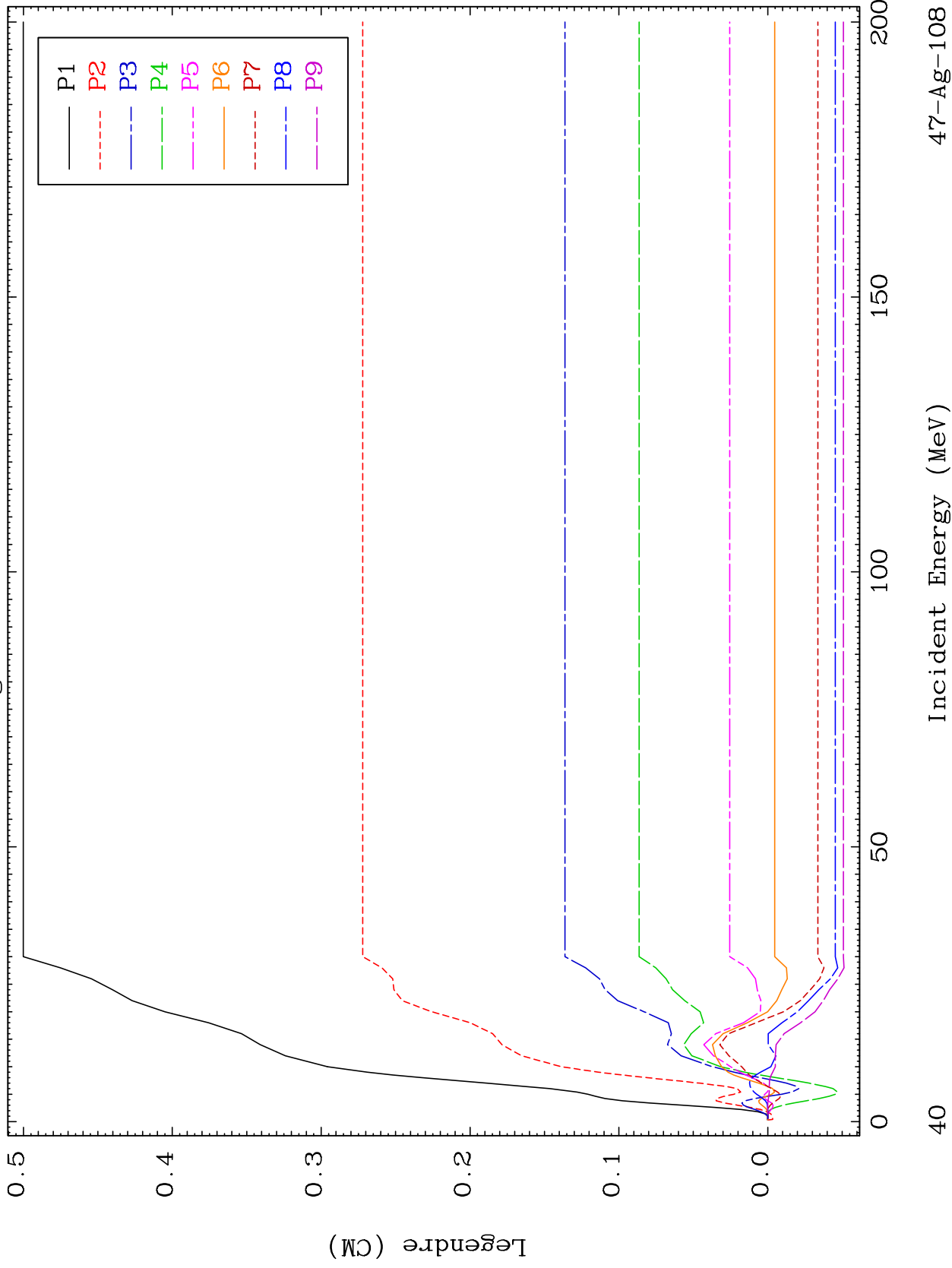


MAT 4728

MT= 57 (n,n') Level

47-Ag-108

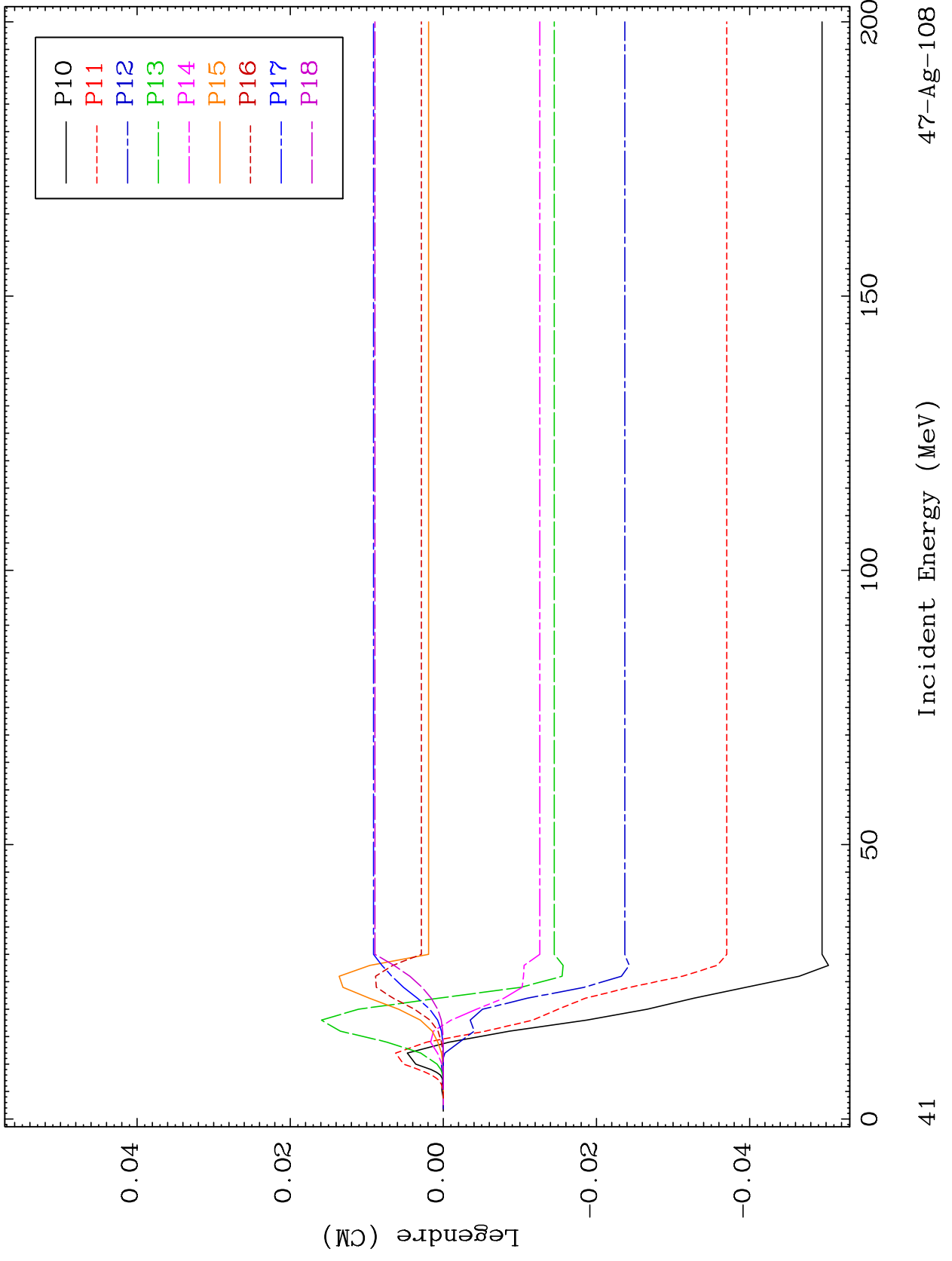
Legendre Coefficients



MAT 4728

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

47-Ag-108



41

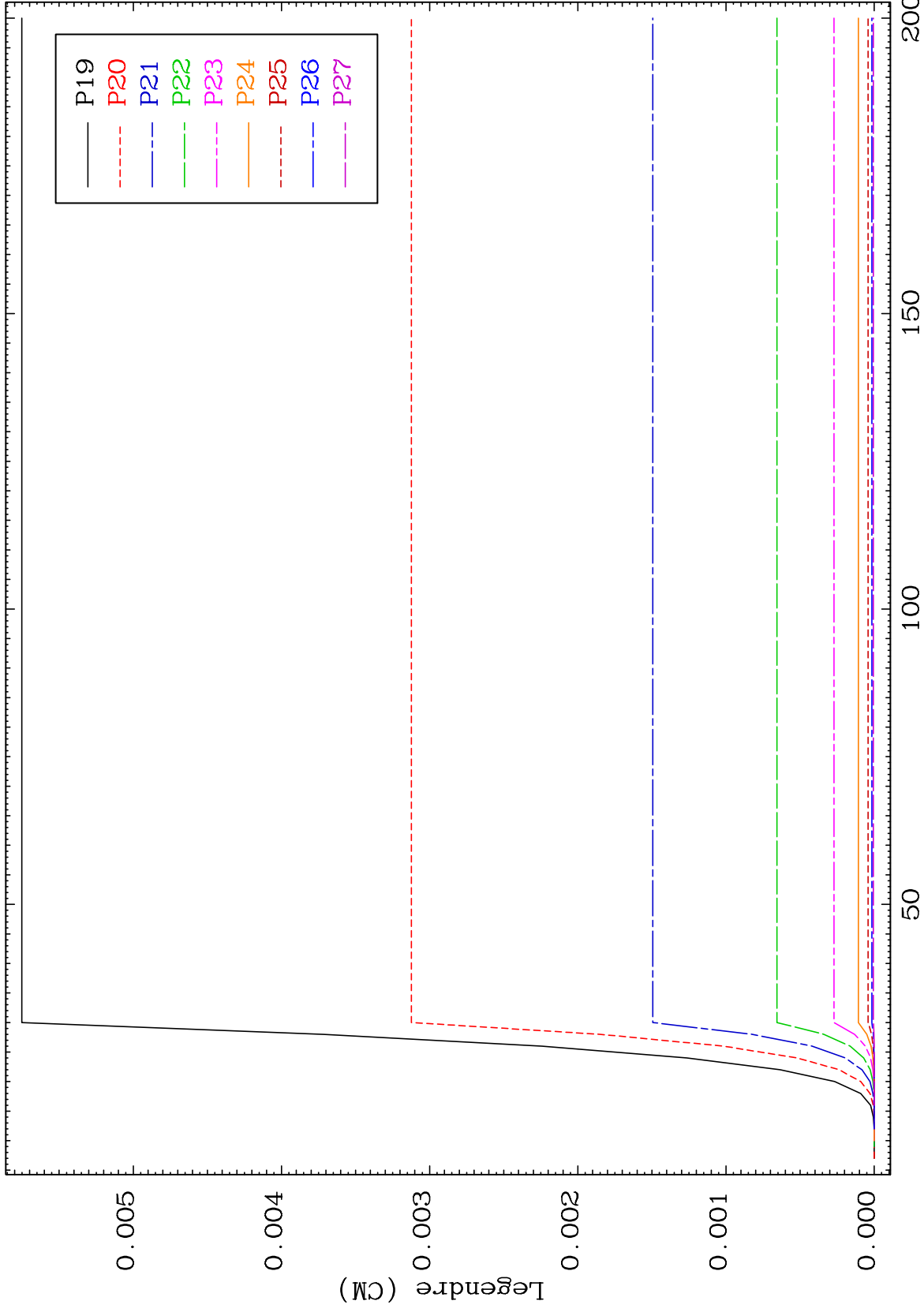
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



42

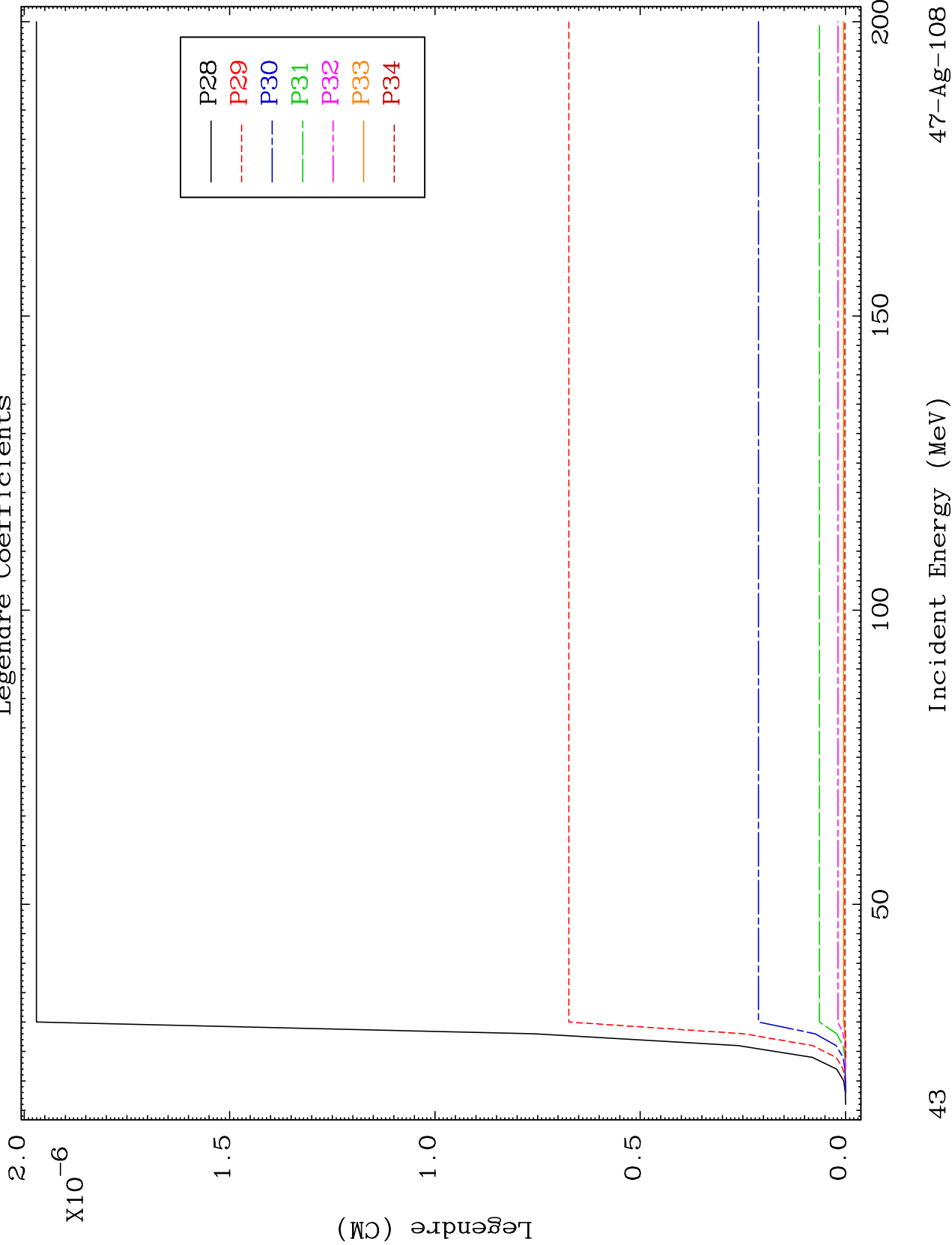
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



43

Incident Energy (MeV)

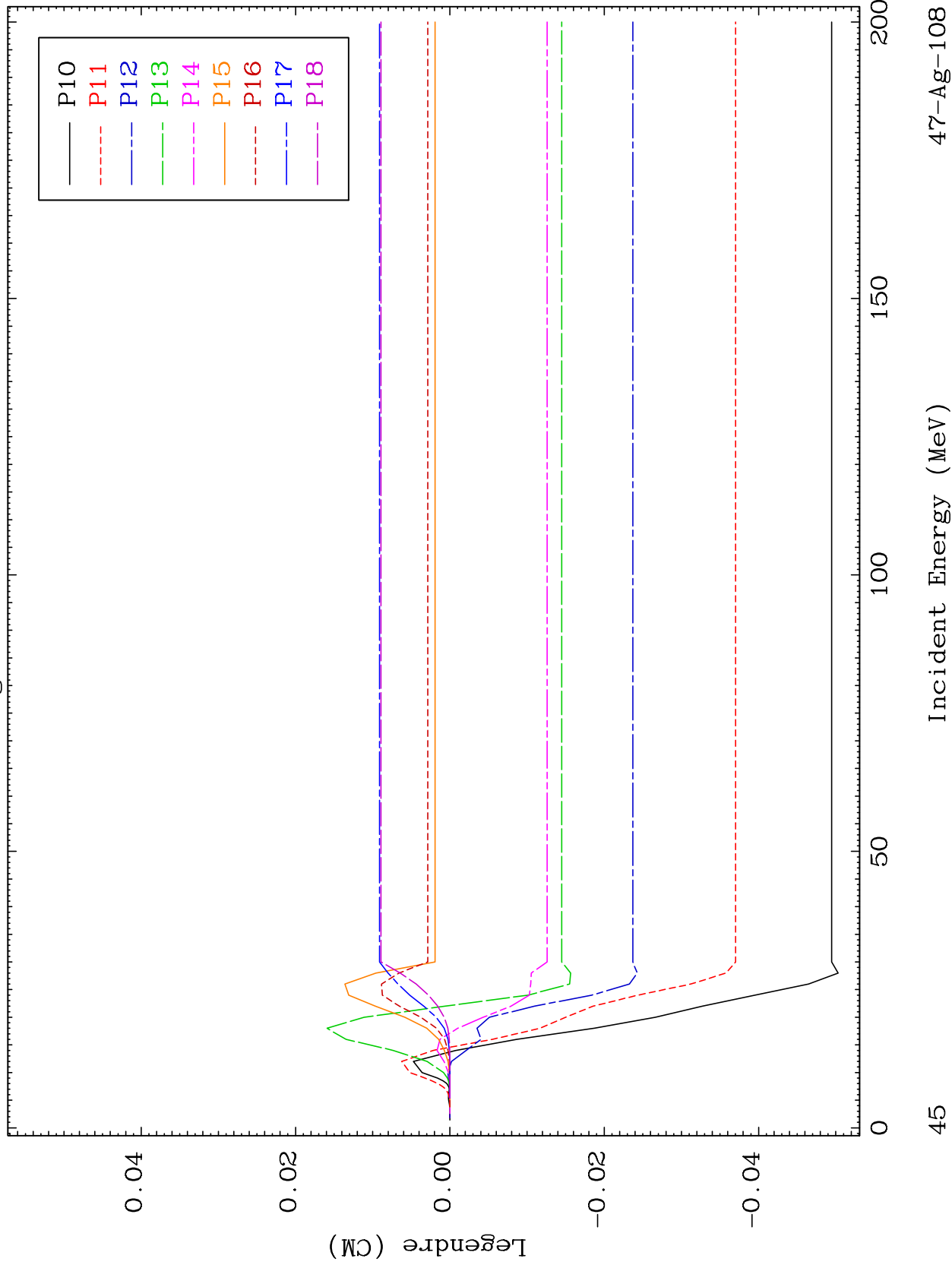
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MAT 4728

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

47-Ag-108



47-Ag-108

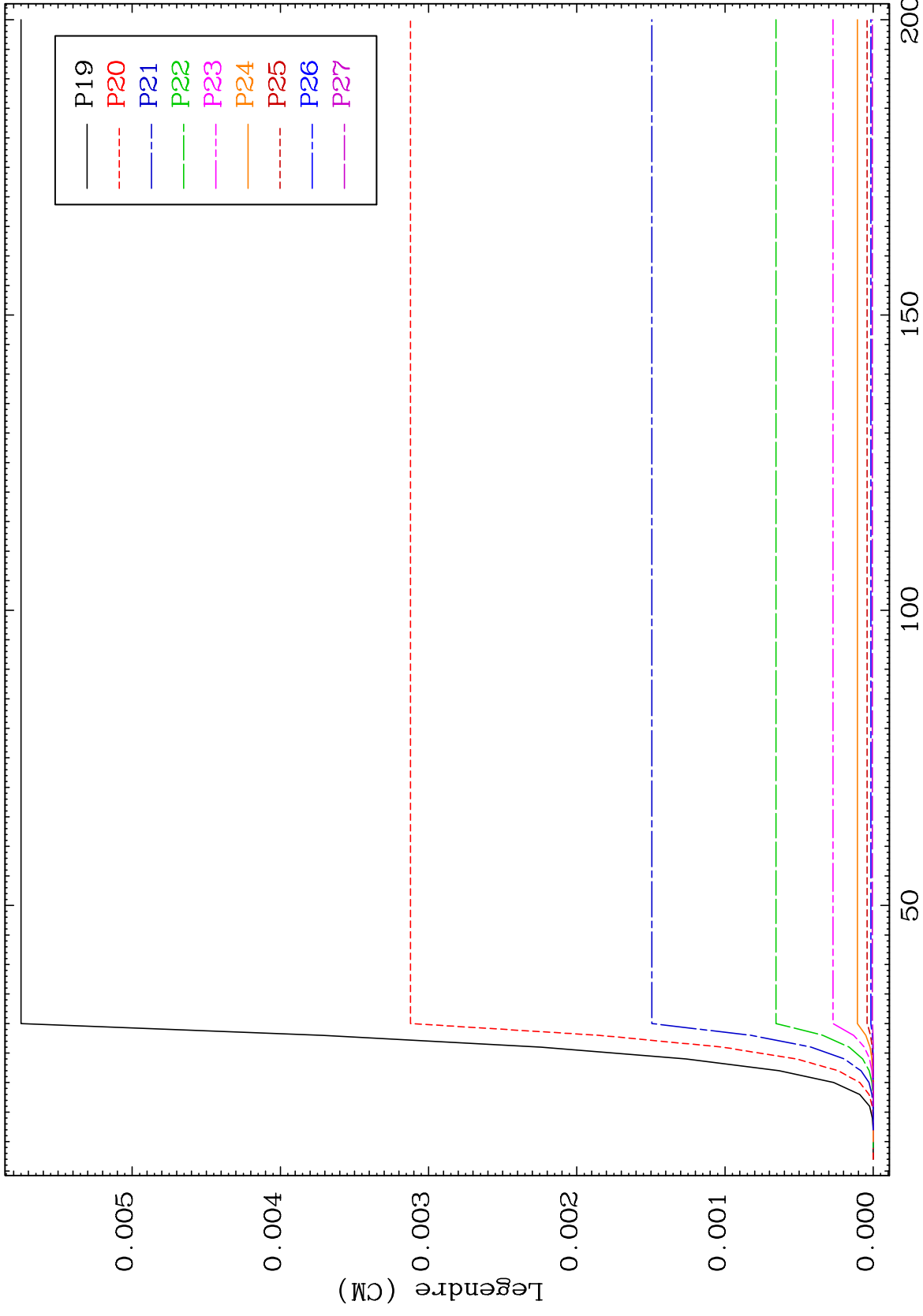
Incident Energy (MeV)

45

MAT 4728

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

47-Ag-108



46

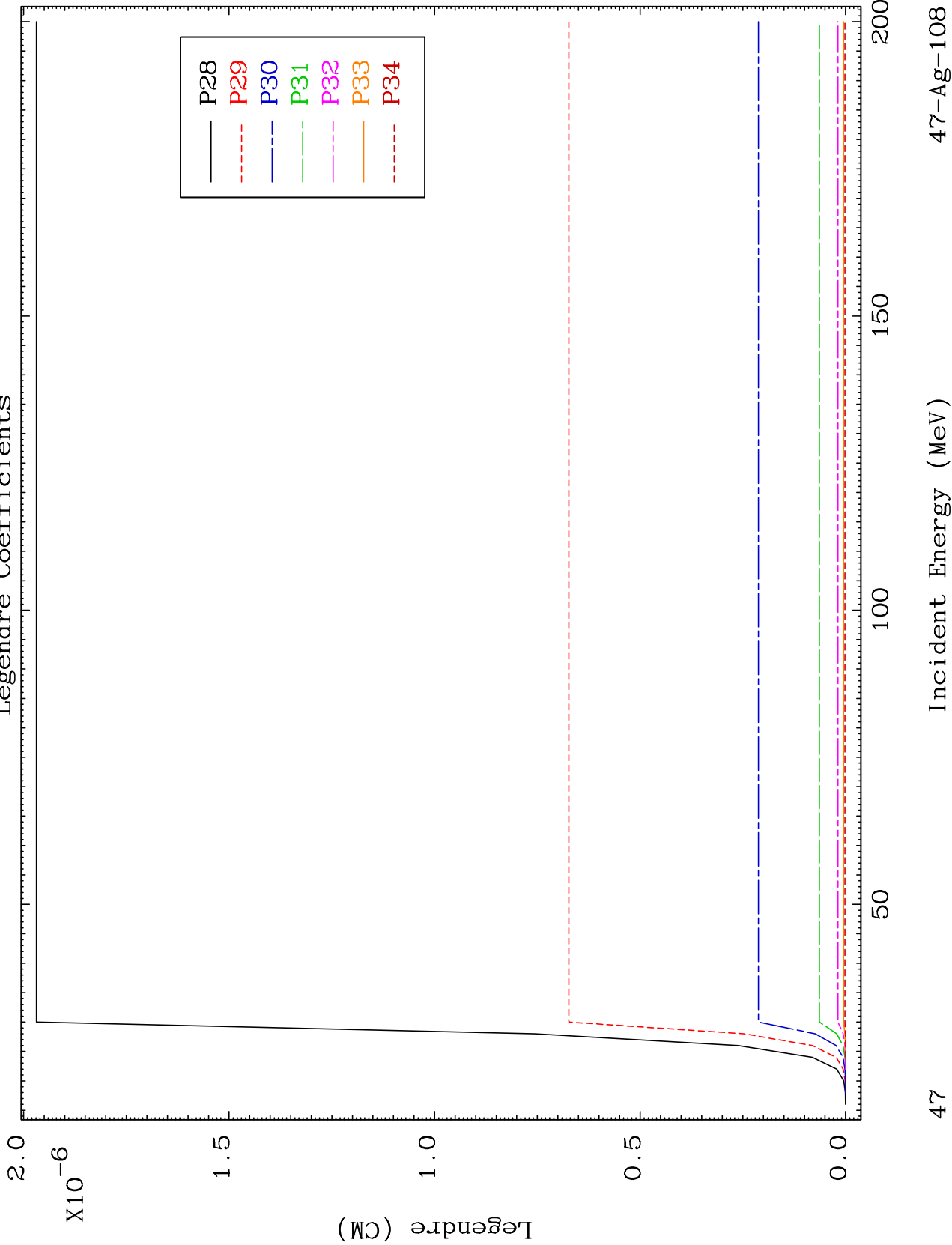
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47

Incident Energy (MeV)

47-Ag-108

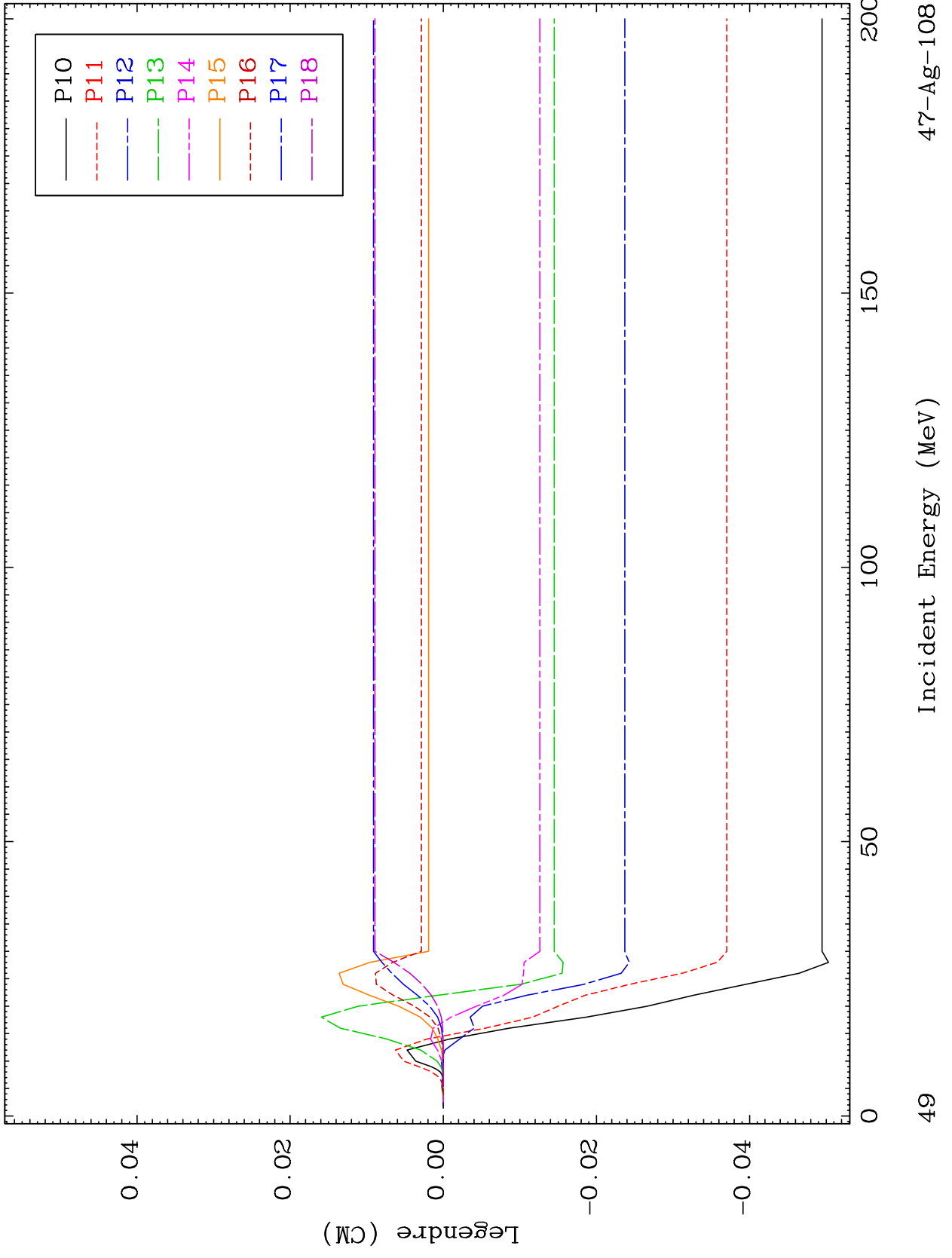




MAT 4728

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

47-Ag-108



49

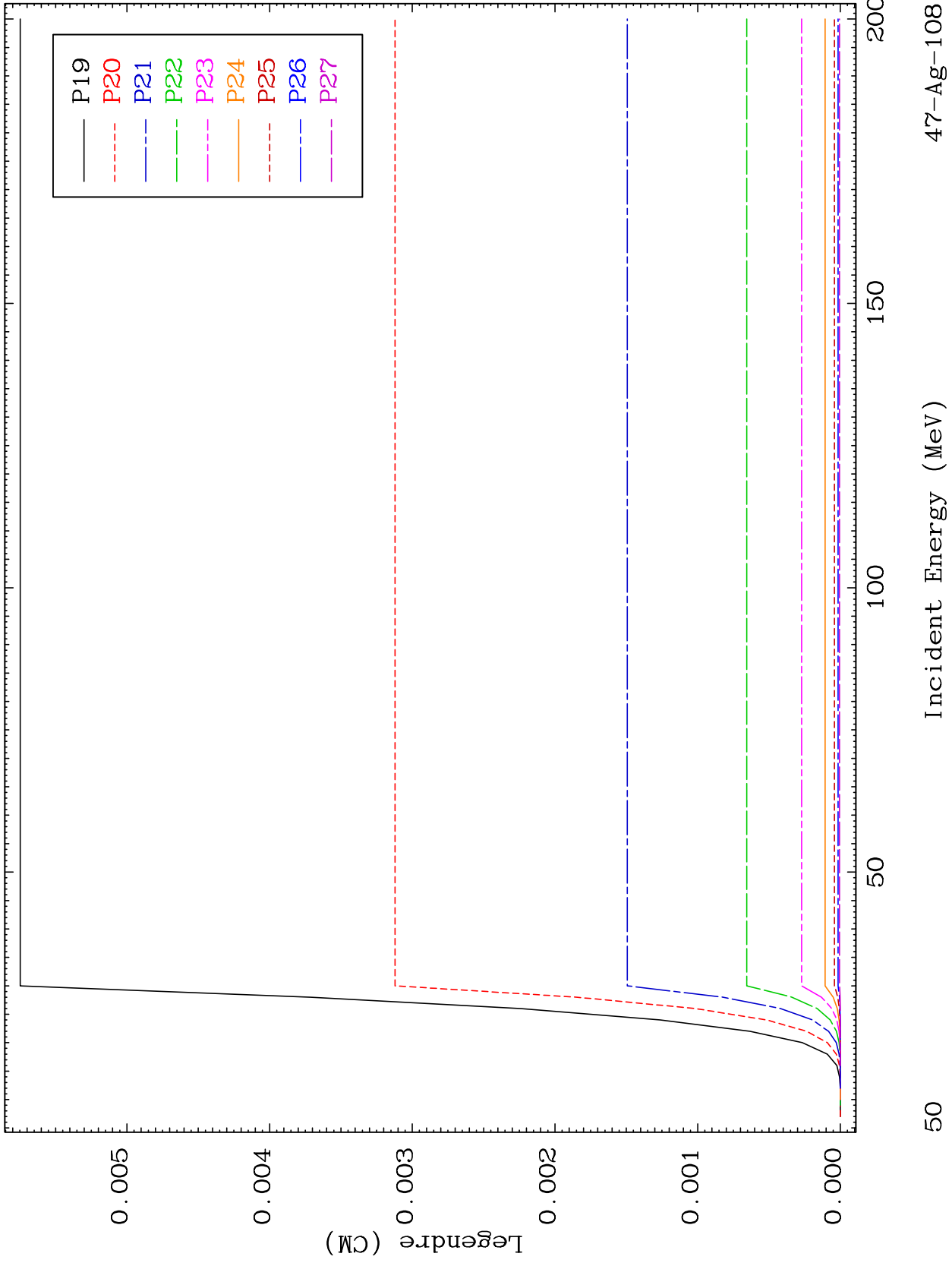
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



50

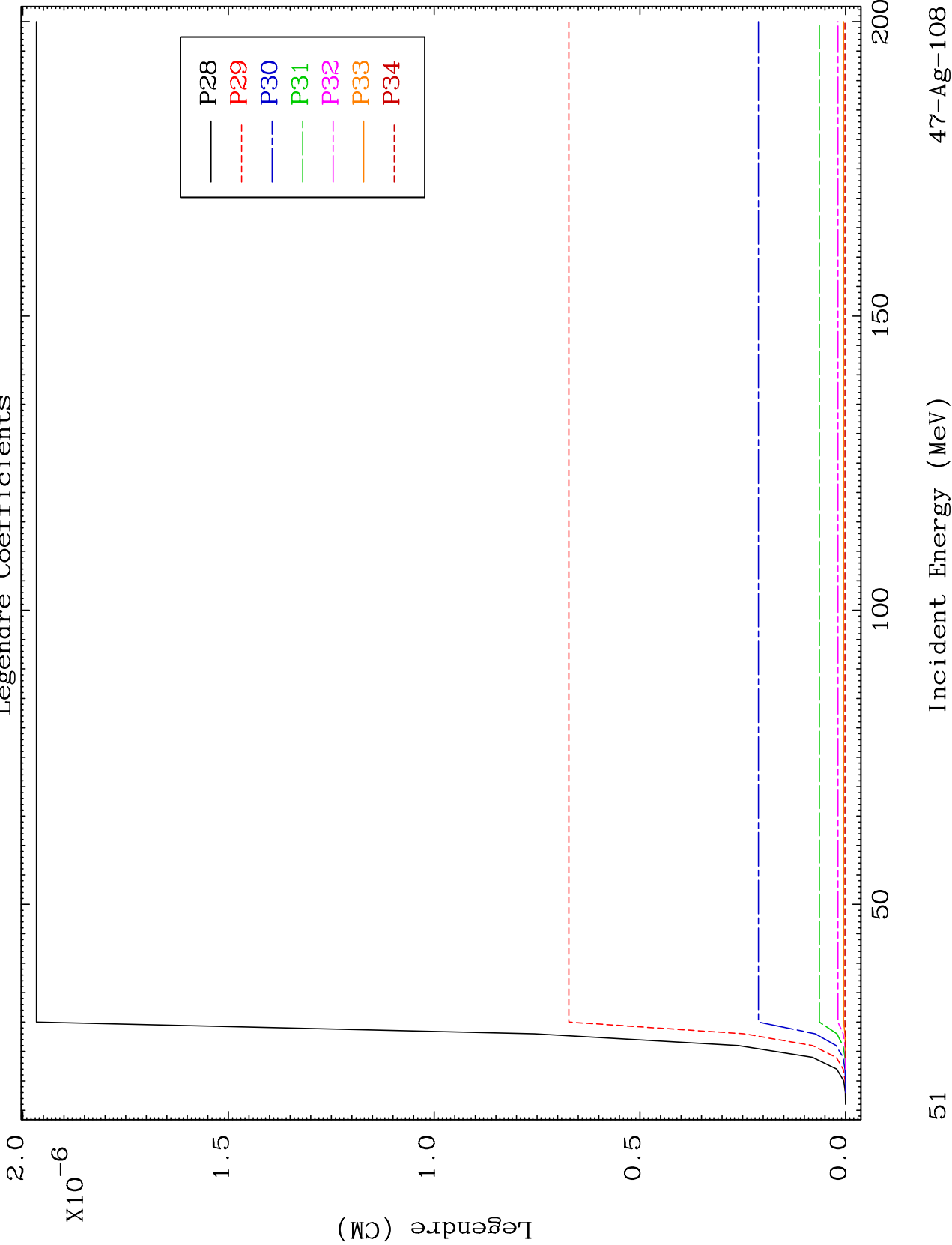
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



51

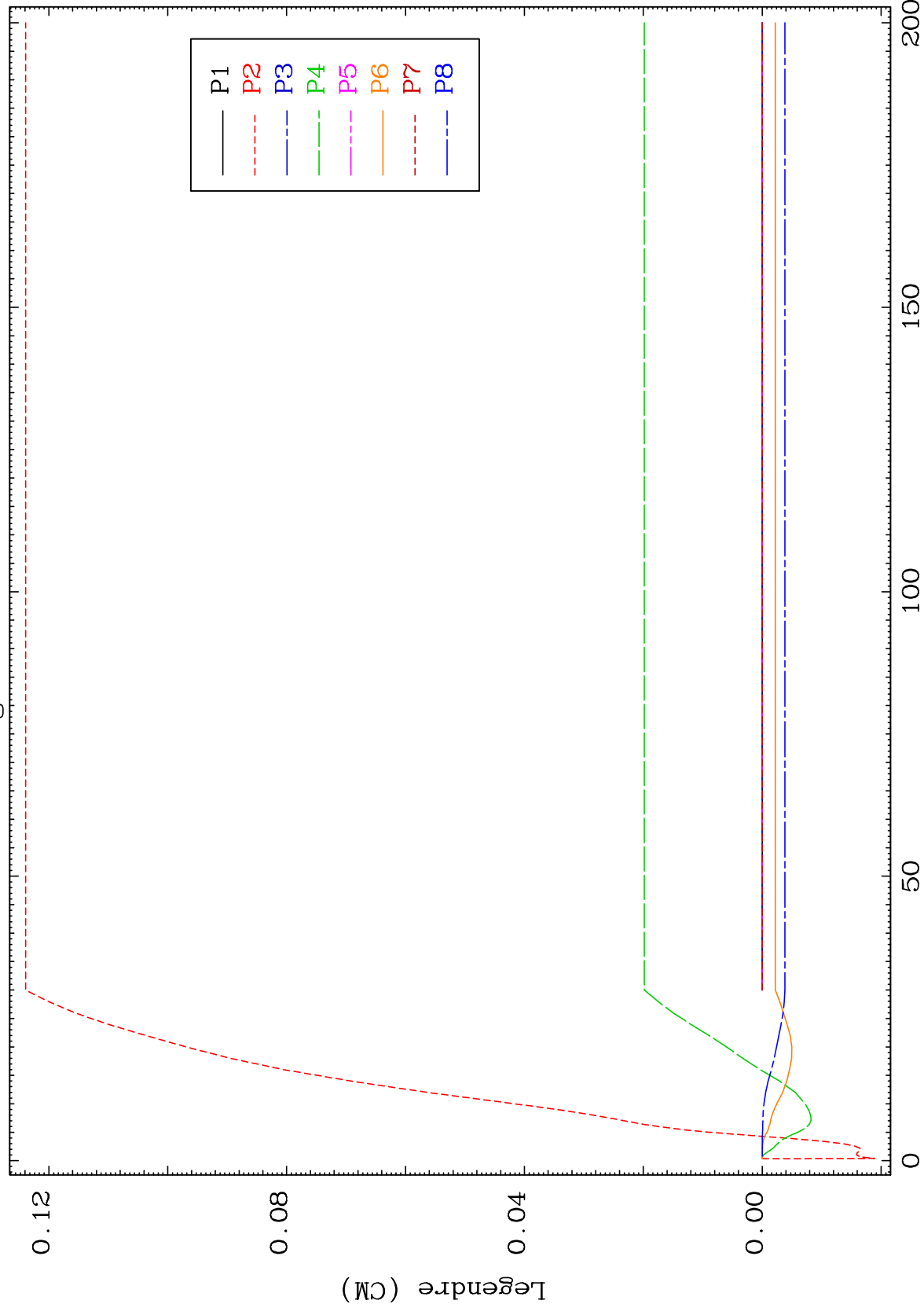
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



52

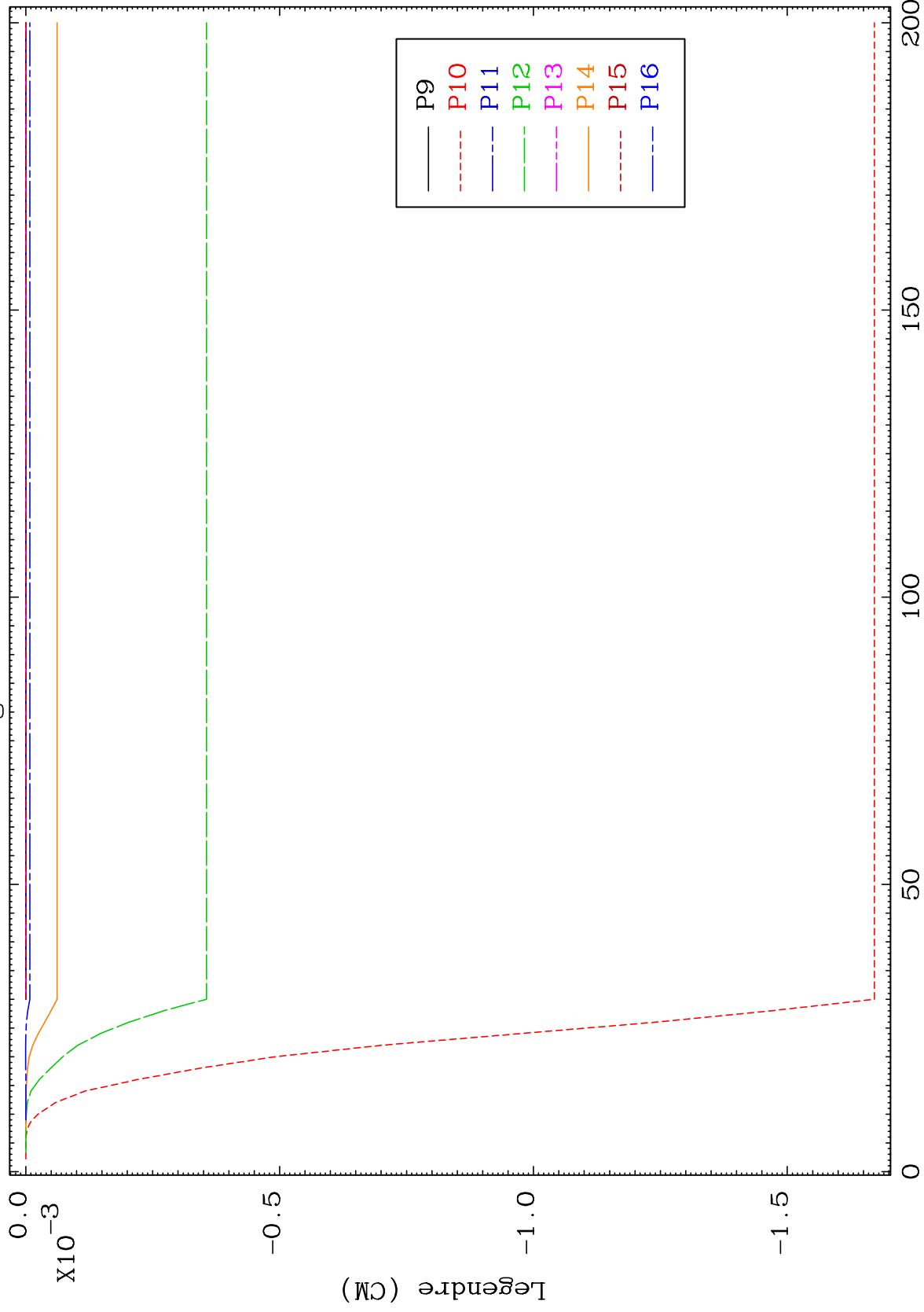
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



53

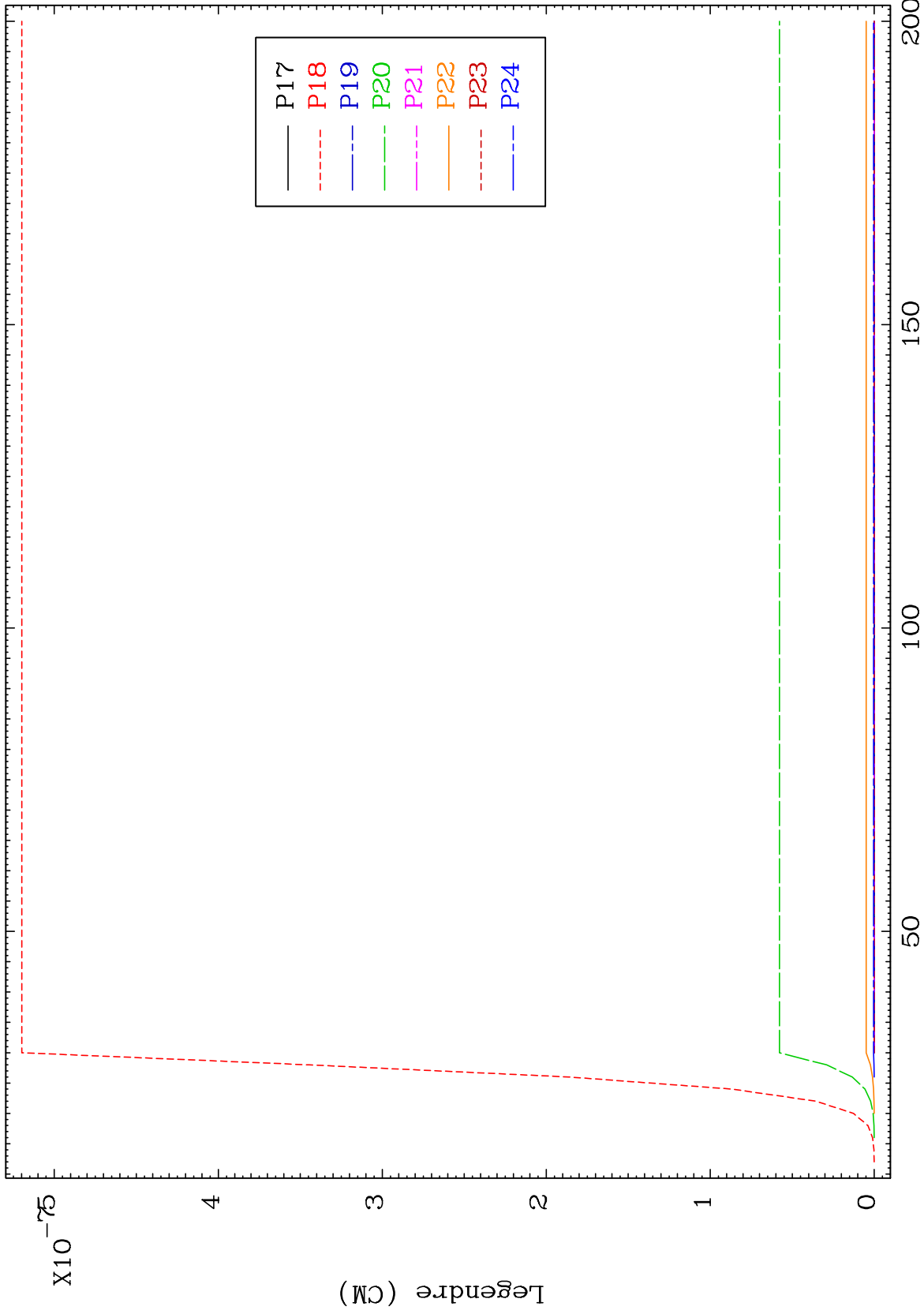
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



54

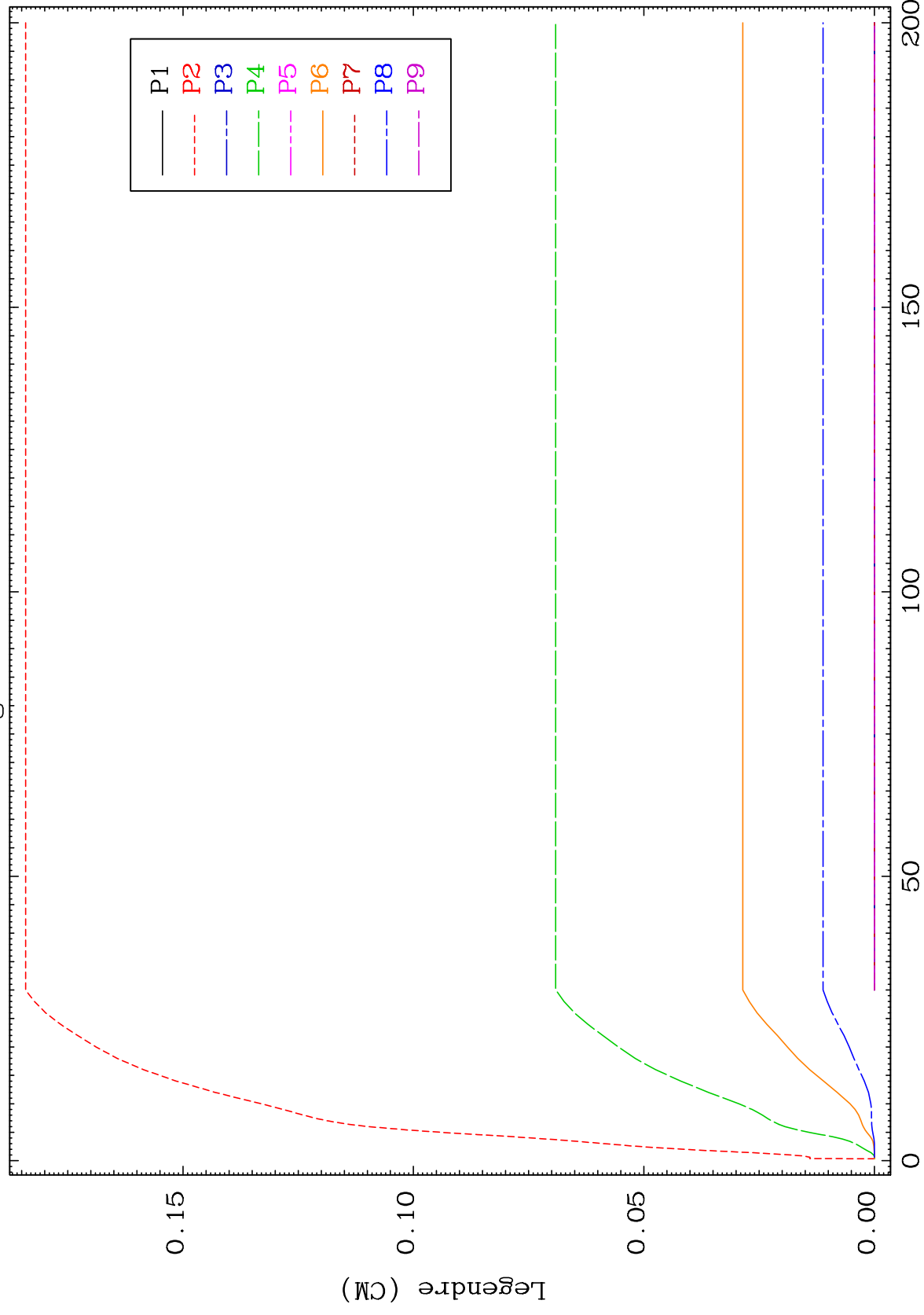
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

Incident Energy (MeV)

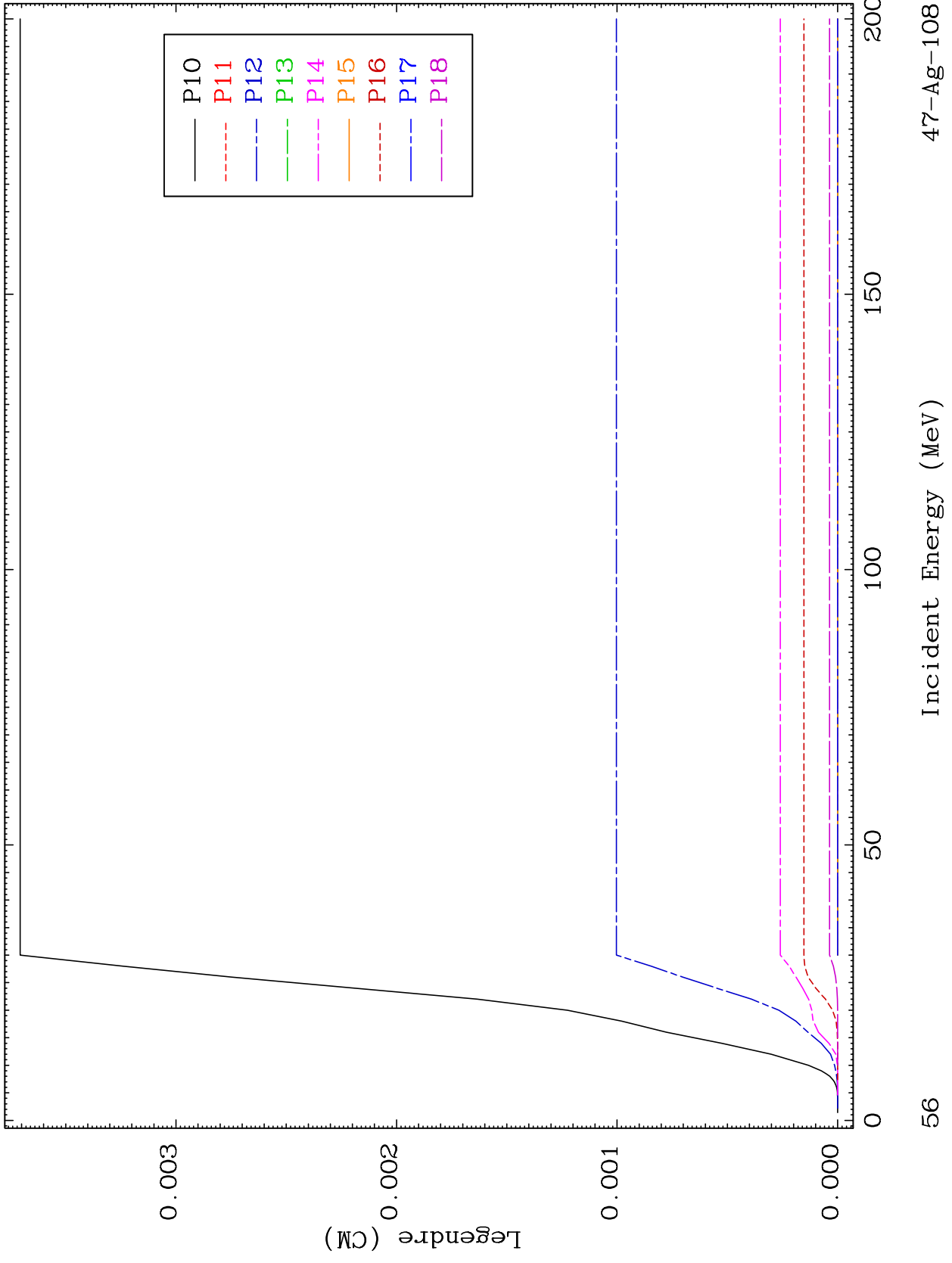
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MAT 4728

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

47-Ag-108



47-Ag-108

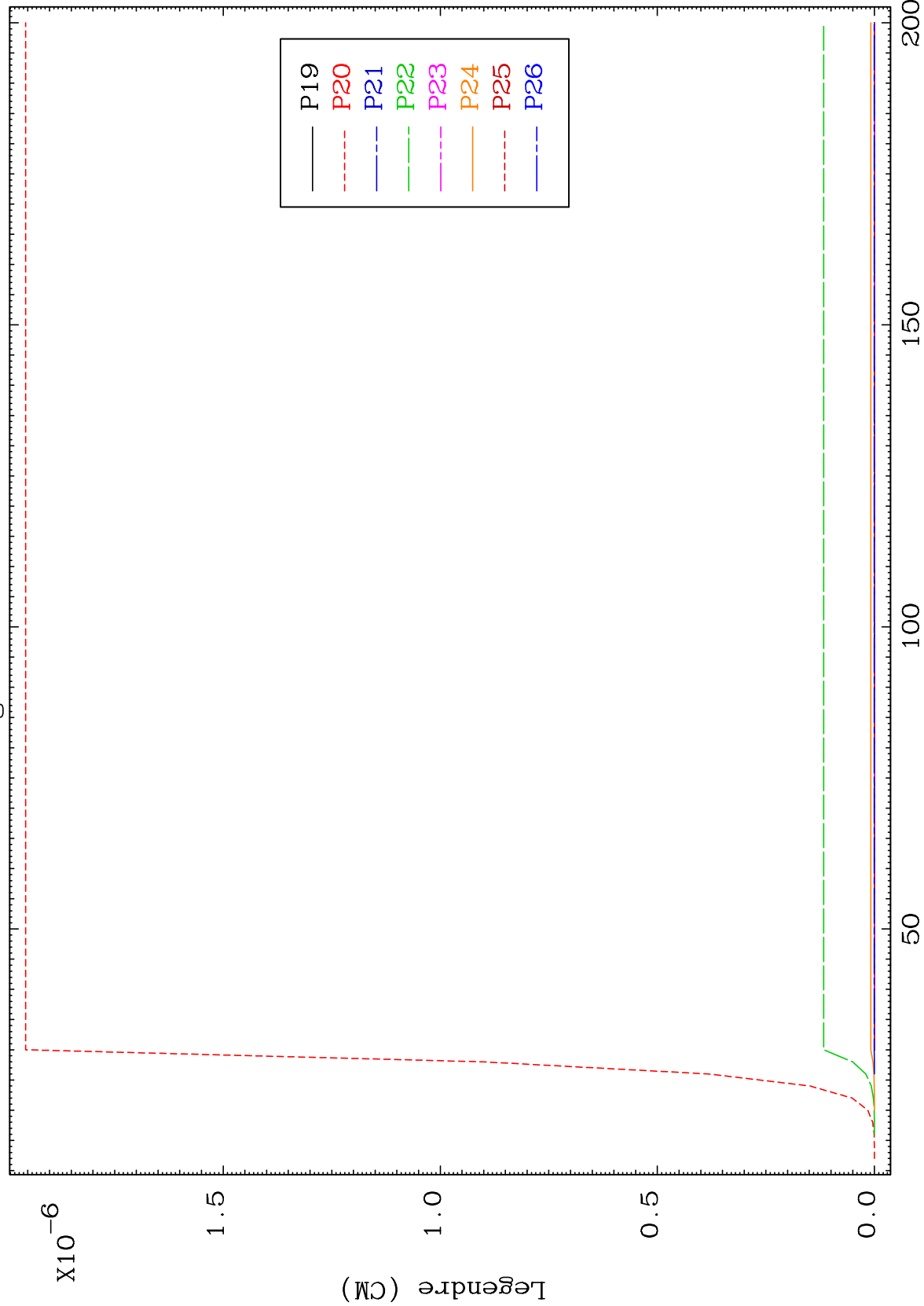
Incident Energy (MeV)

56

MAT 4728

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

47-Ag-108



57

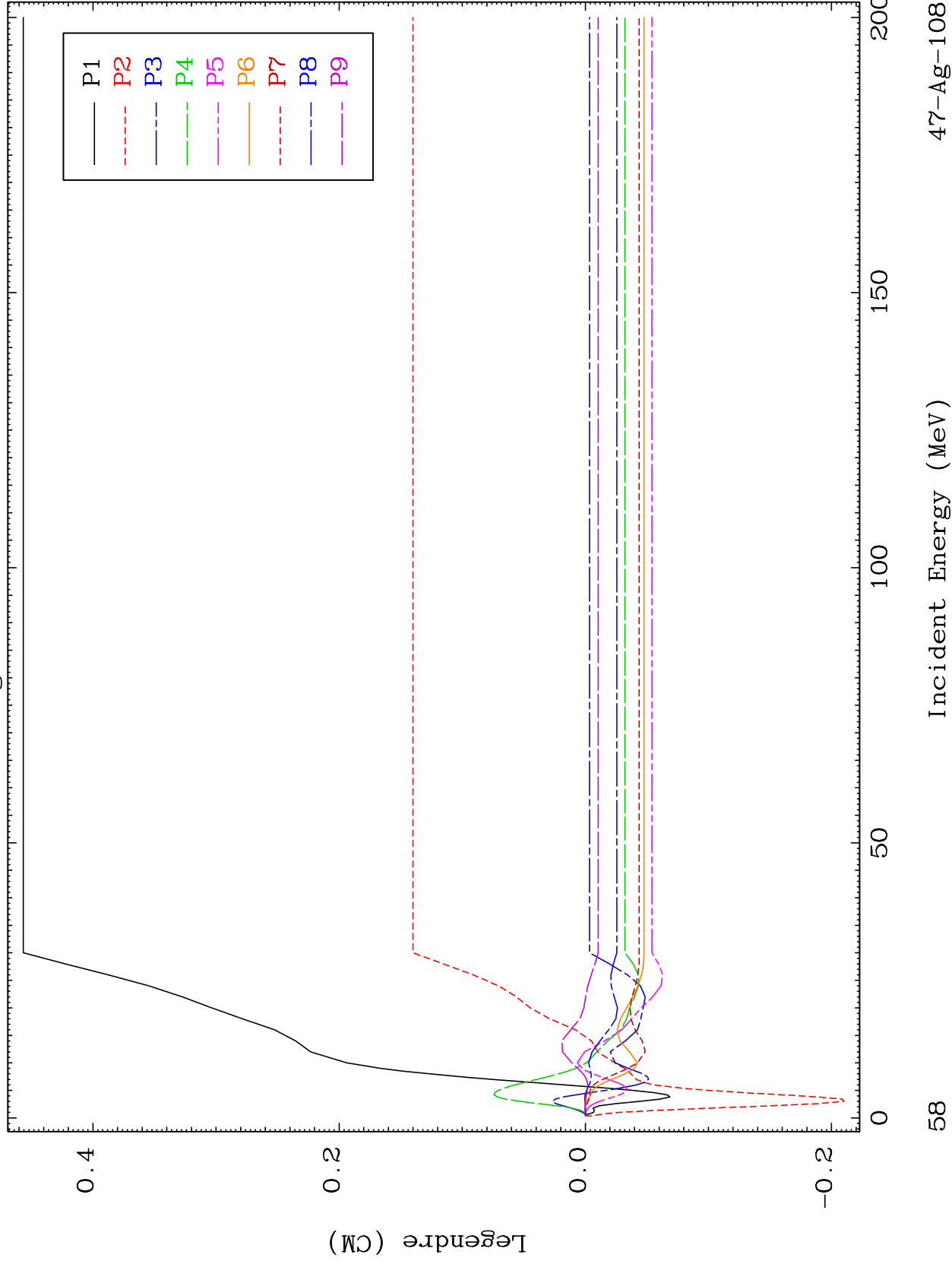
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

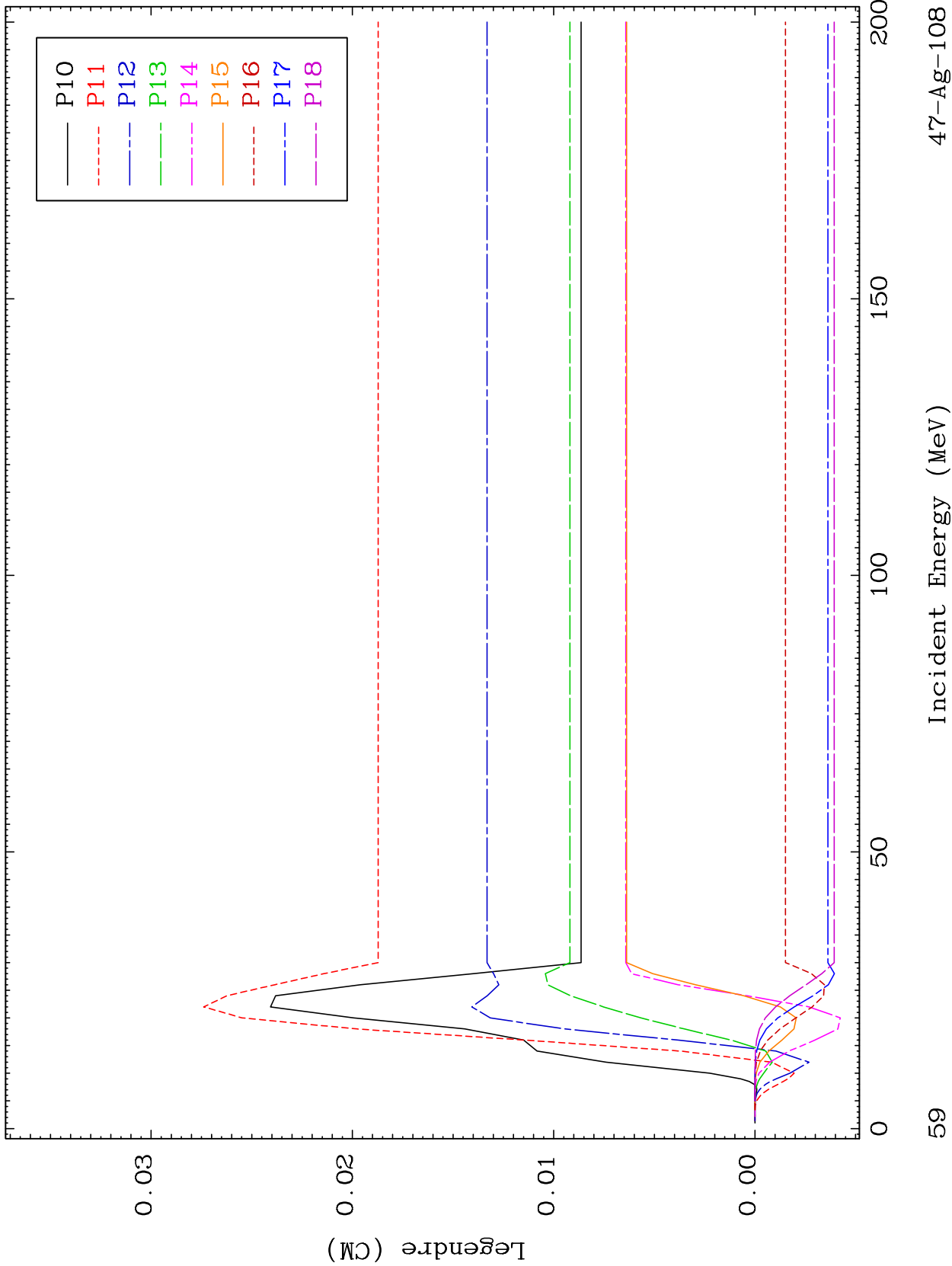
Incident Energy (MeV)

58

MAT 4728

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

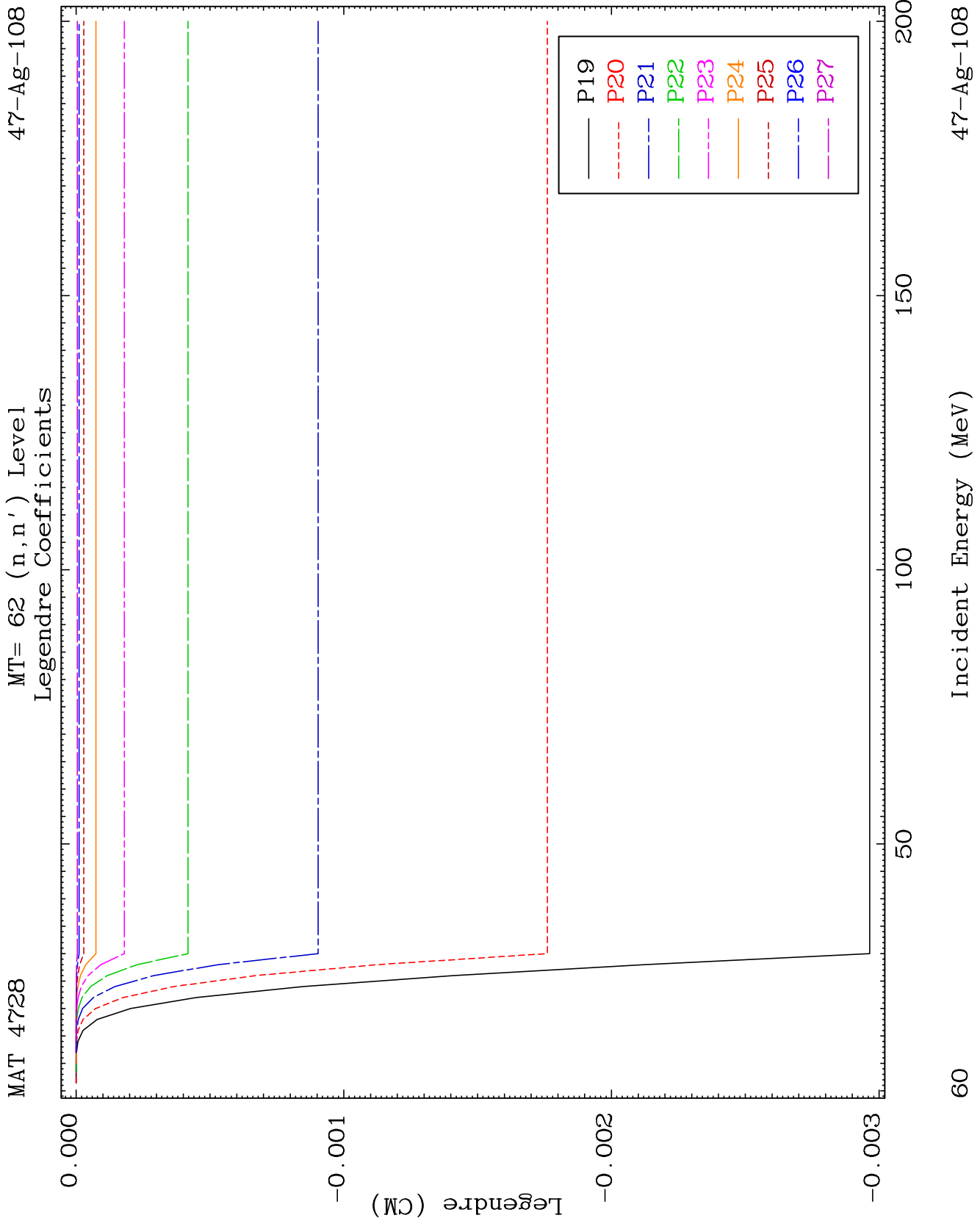
47-Ag-108



47-Ag-108

Incident Energy (MeV)

59

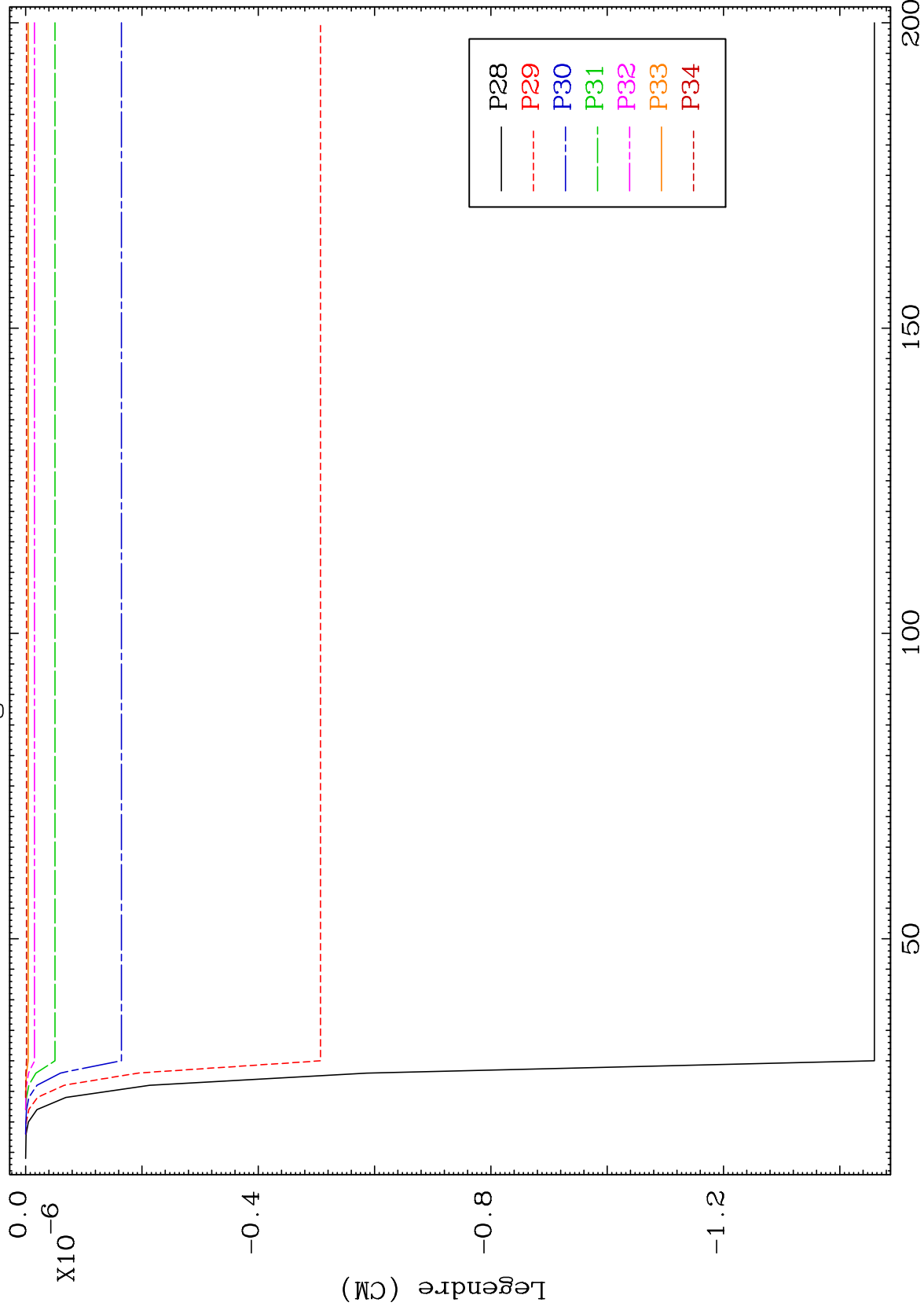


MAT 4728

MT= 62 (n,n') Level

47-Ag-108

Legendre Coefficients



61

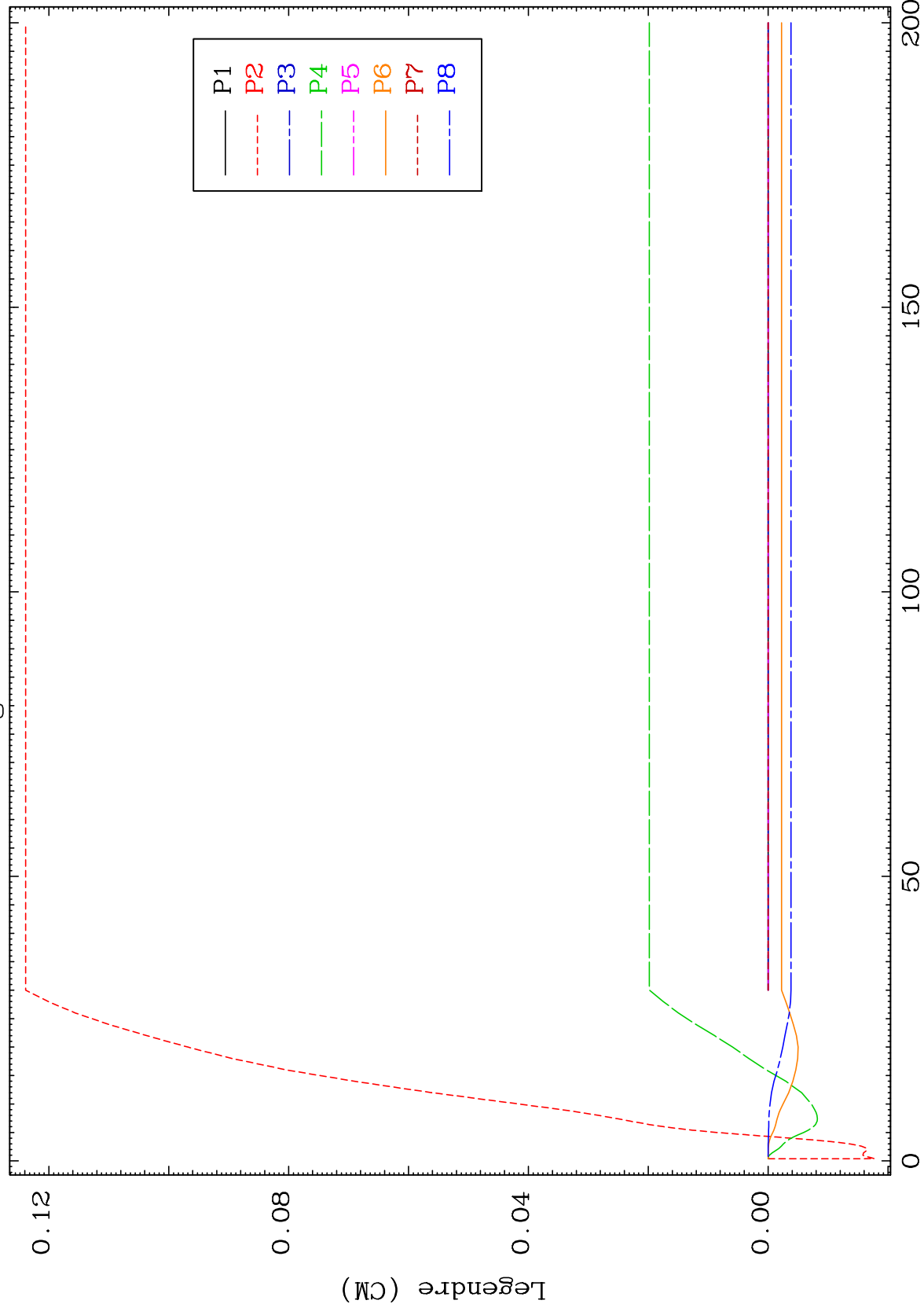
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

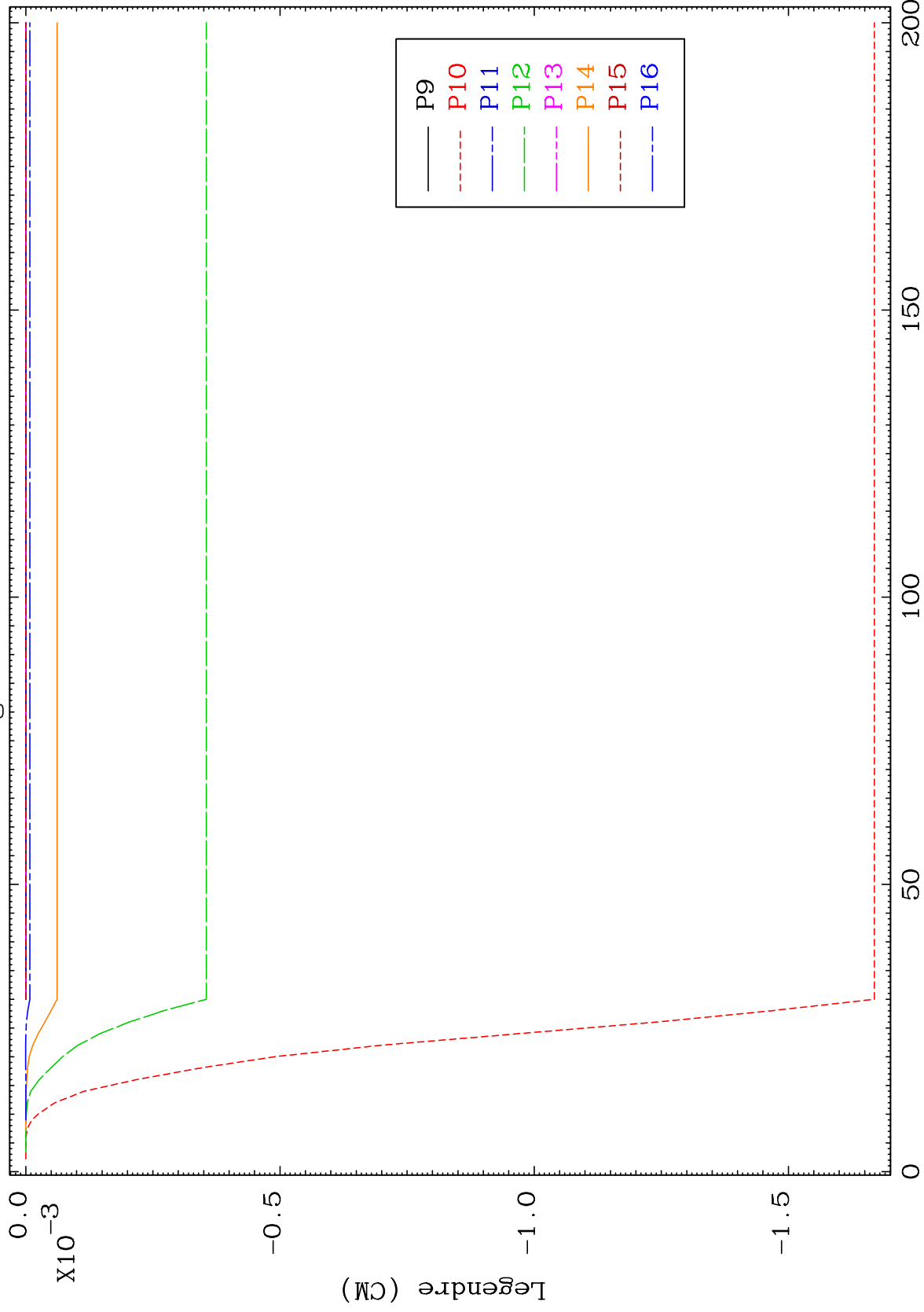
Incident Energy (MeV)

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MAT 4728

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

47-Ag-108



63

Incident Energy (MeV)

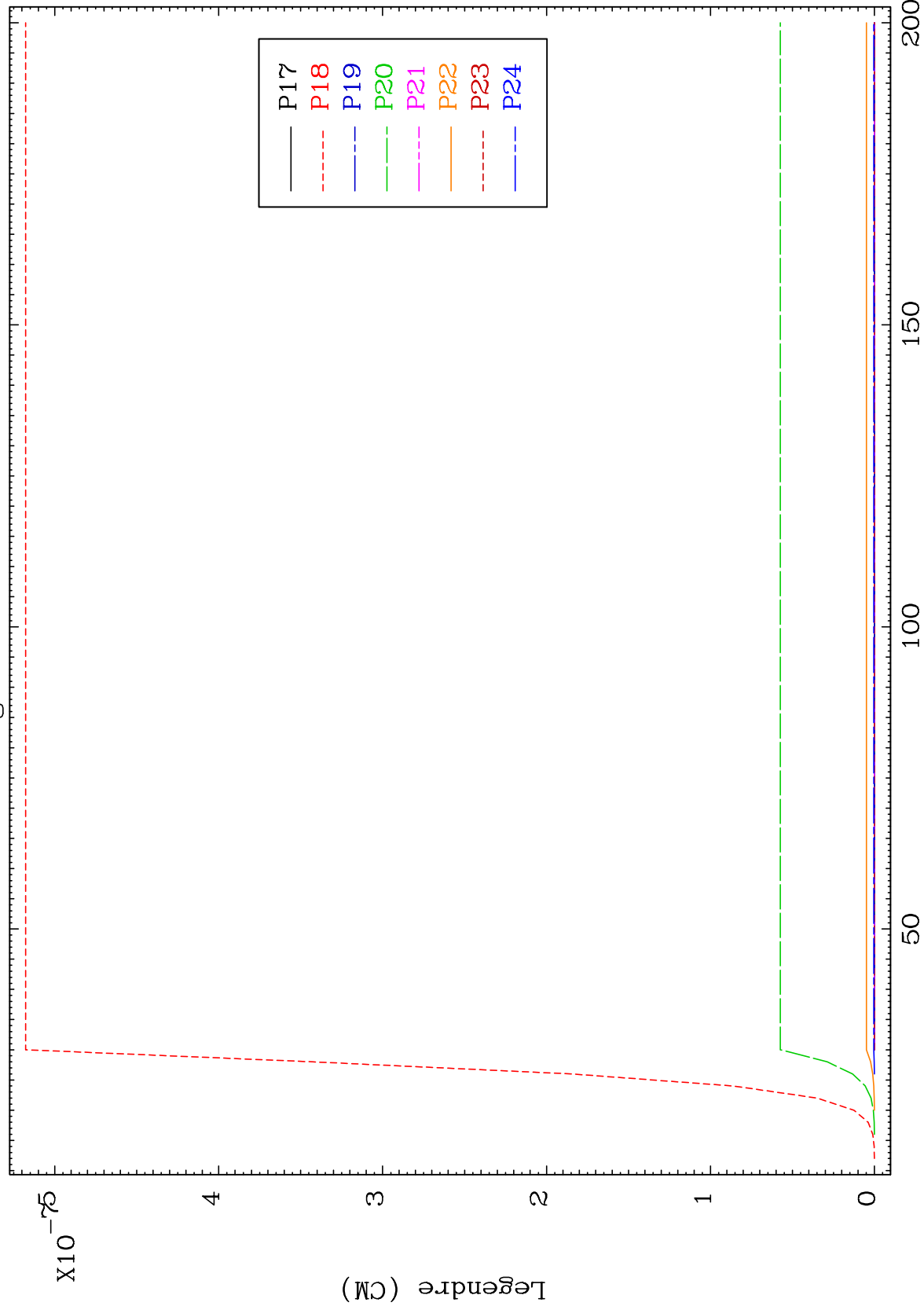
47-Ag-108



MAT 4728

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

47-Ag-108



64

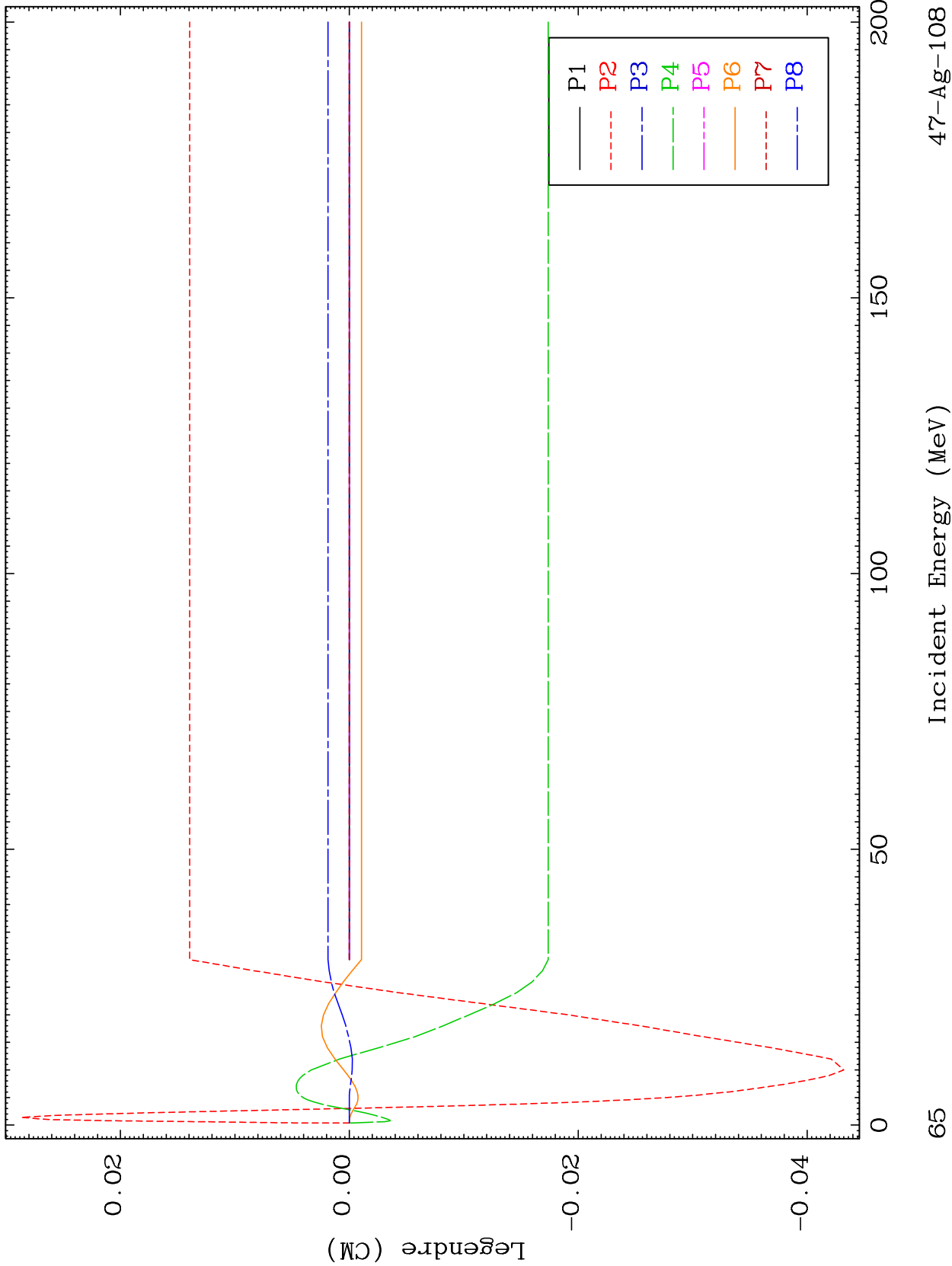
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

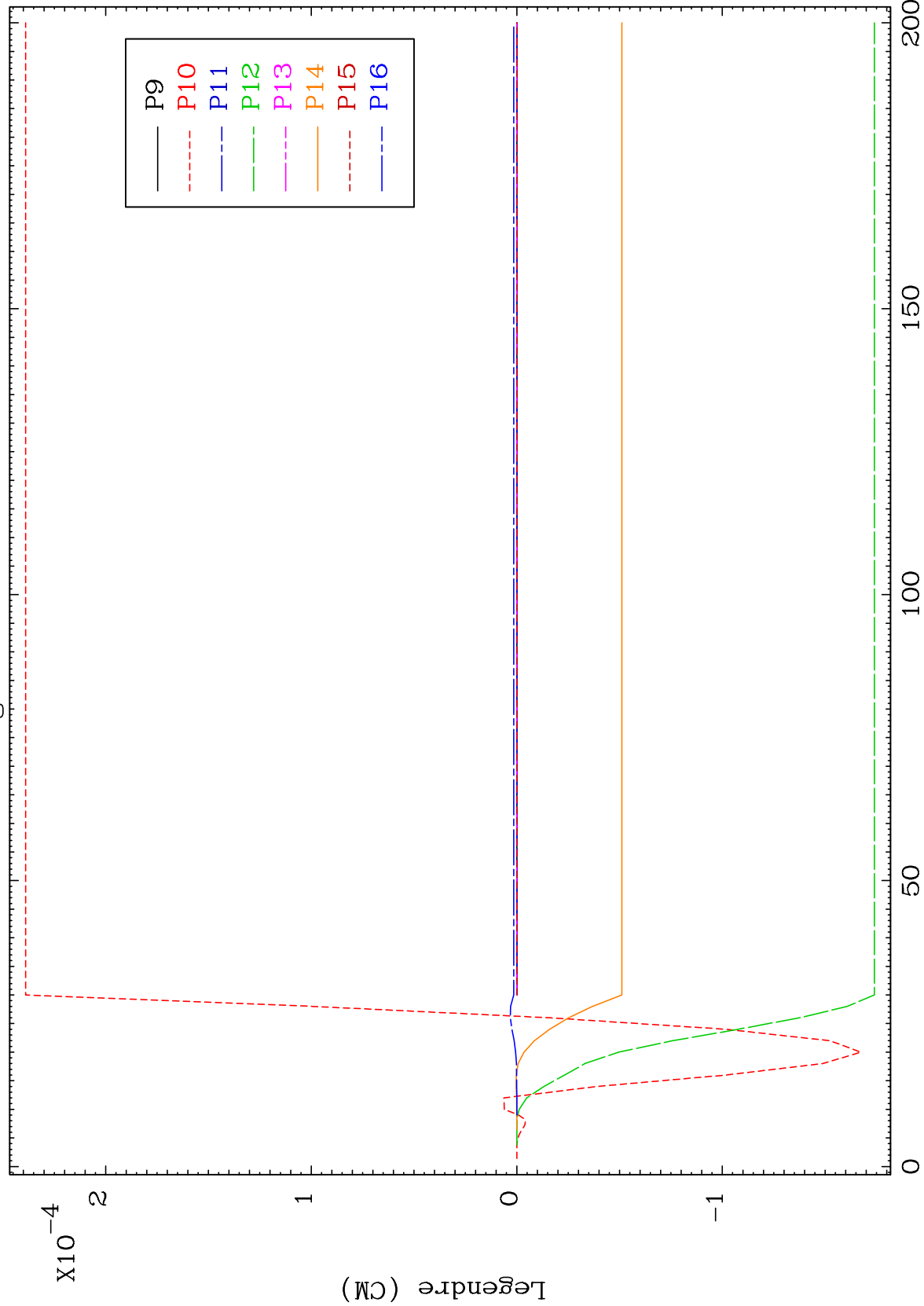
Incident Energy (MeV)

65

MAT 4728

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

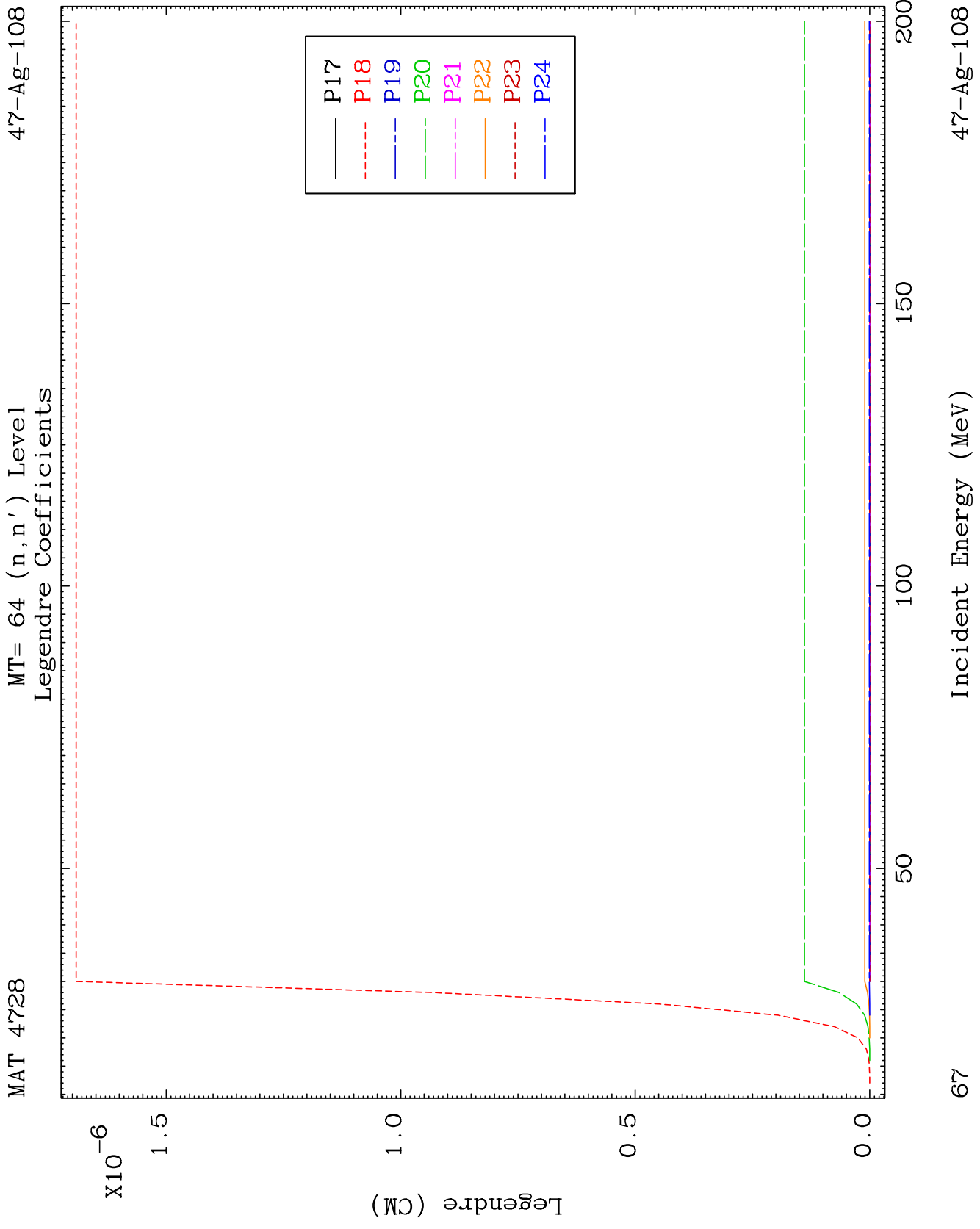
47-Ag-108



66

Incident Energy (MeV)

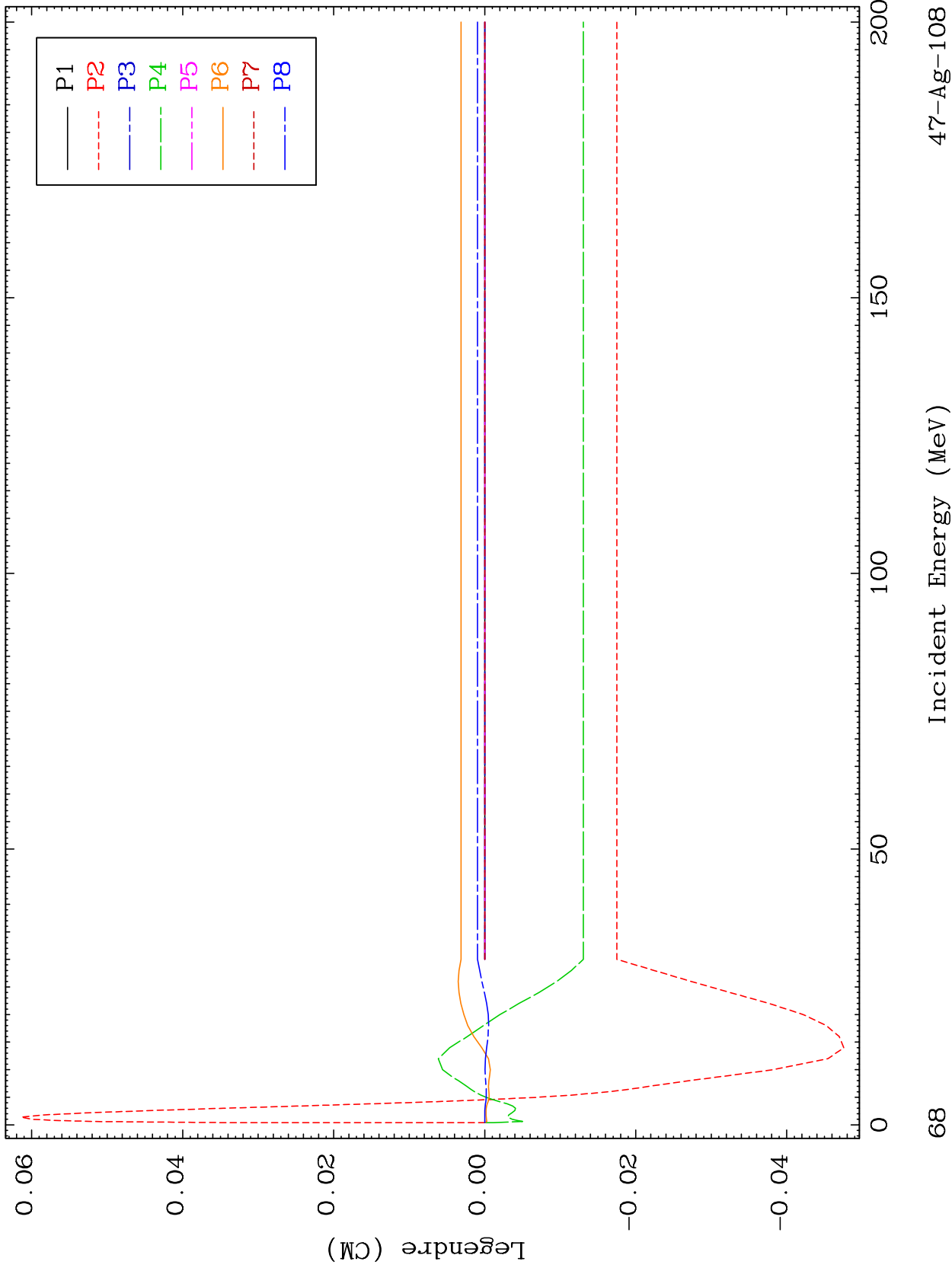
47-Ag-108



MAT 4728

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

47-Ag-108



47-Ag-108

Incident Energy (MeV)

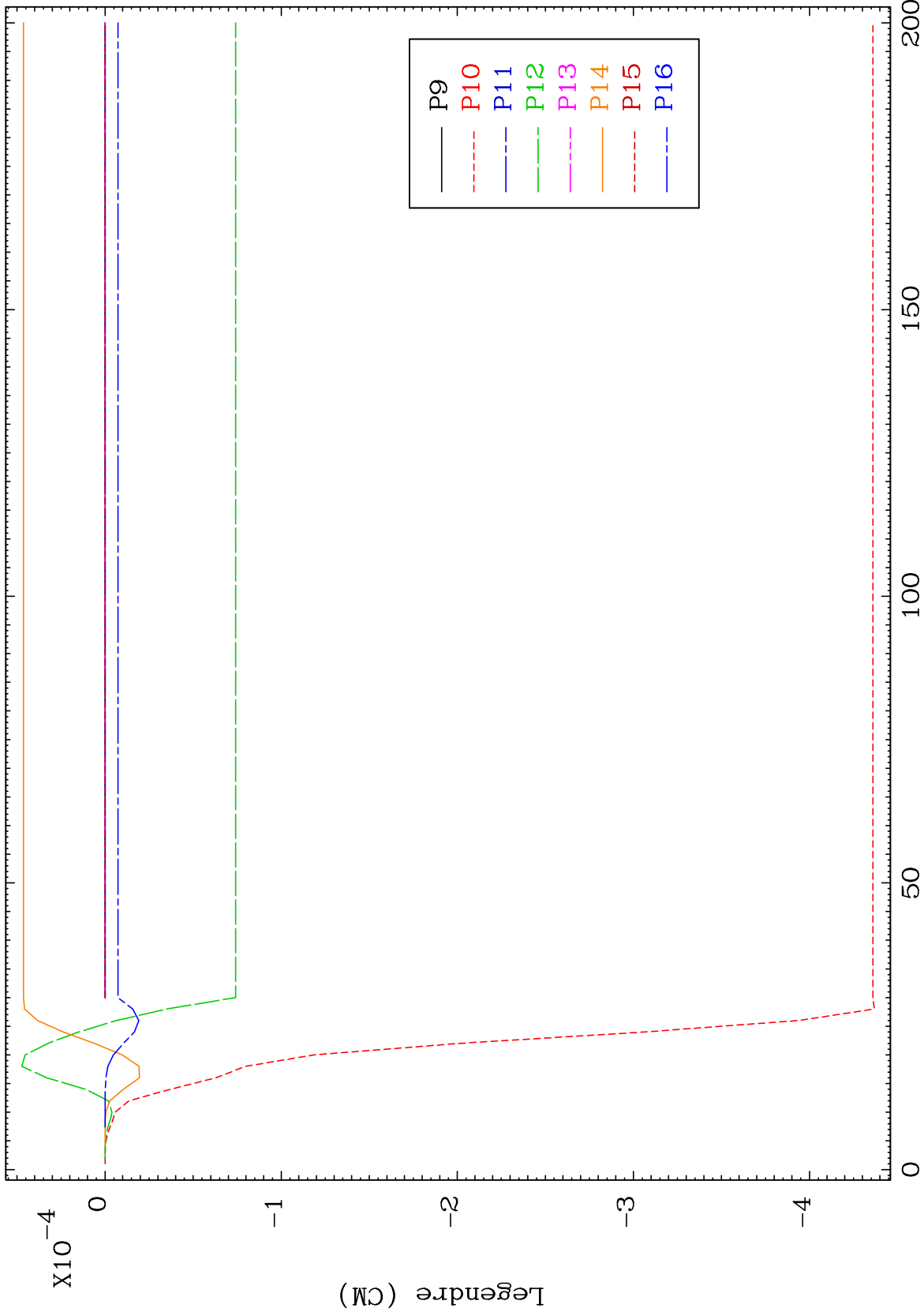
68

MAT 4728

MT= 65 (n,n') Level

47-Ag-108

Legendre Coefficients



69

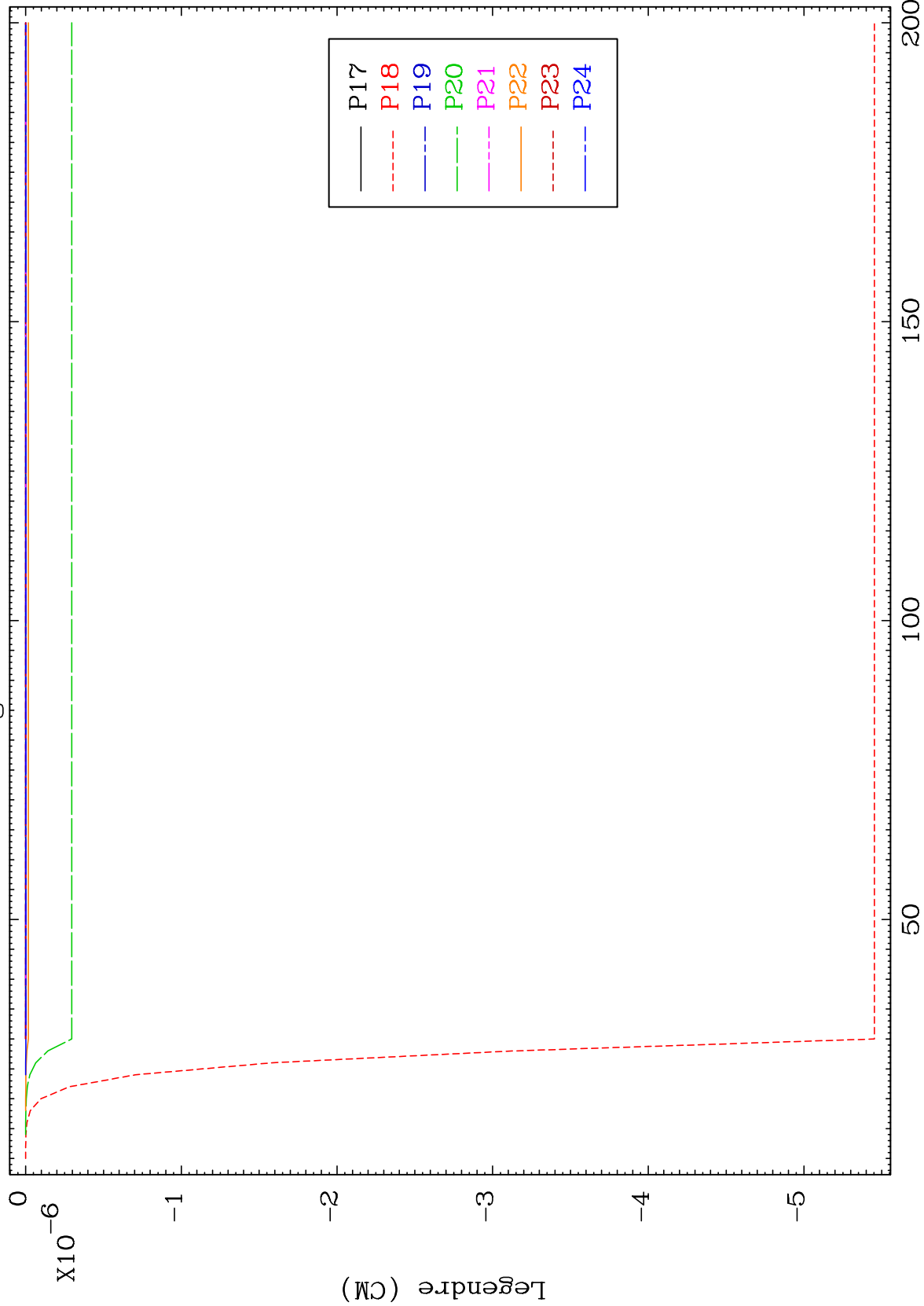
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



70

Incident Energy (MeV)

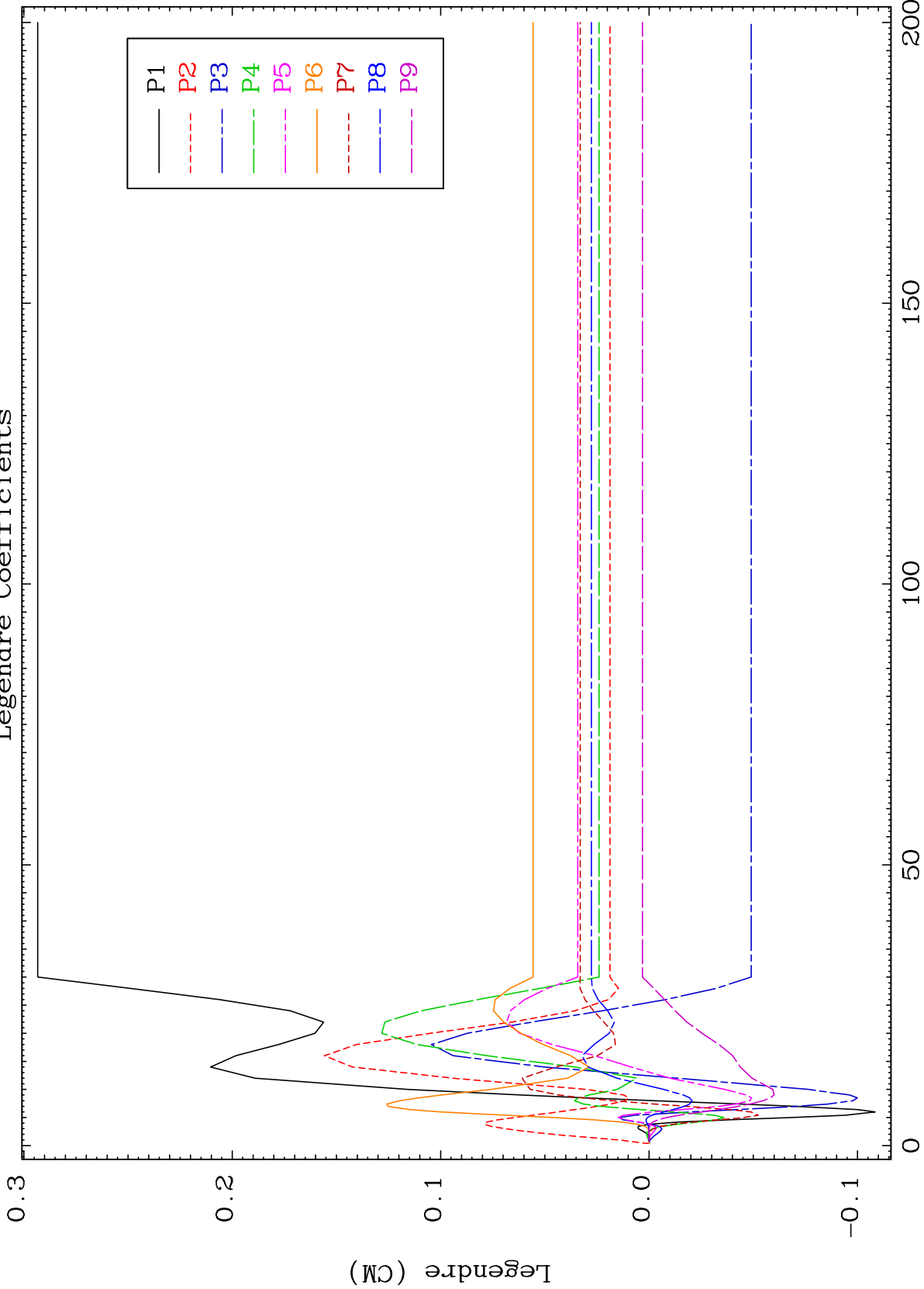
47-Ag-108

MAT 4728

MT= 66 (n,n') Level

47-Ag-108

Legendre Coefficients



71

Incident Energy (MeV)

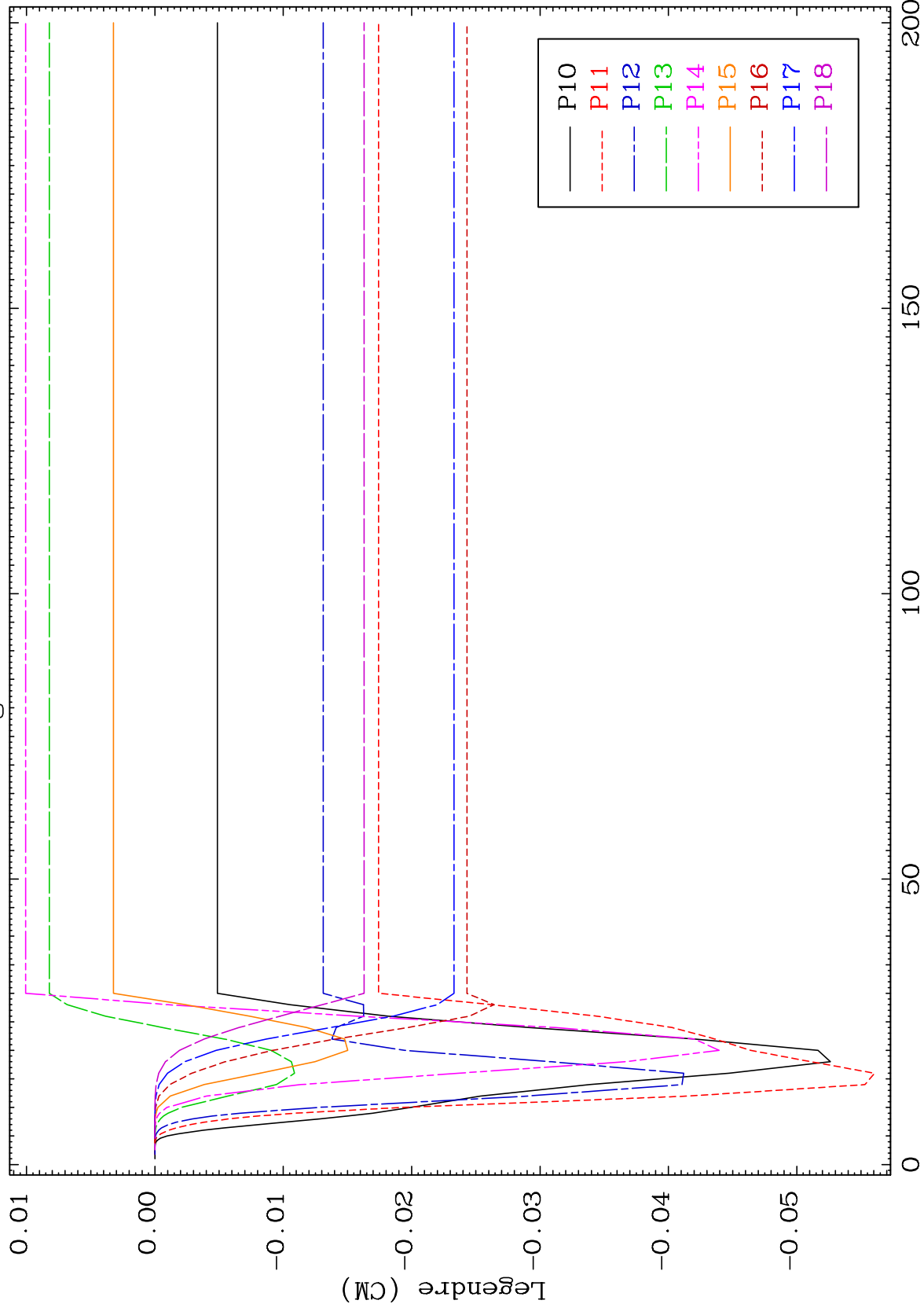
47-Ag-108



MAT 4728

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

47-Ag-108



72

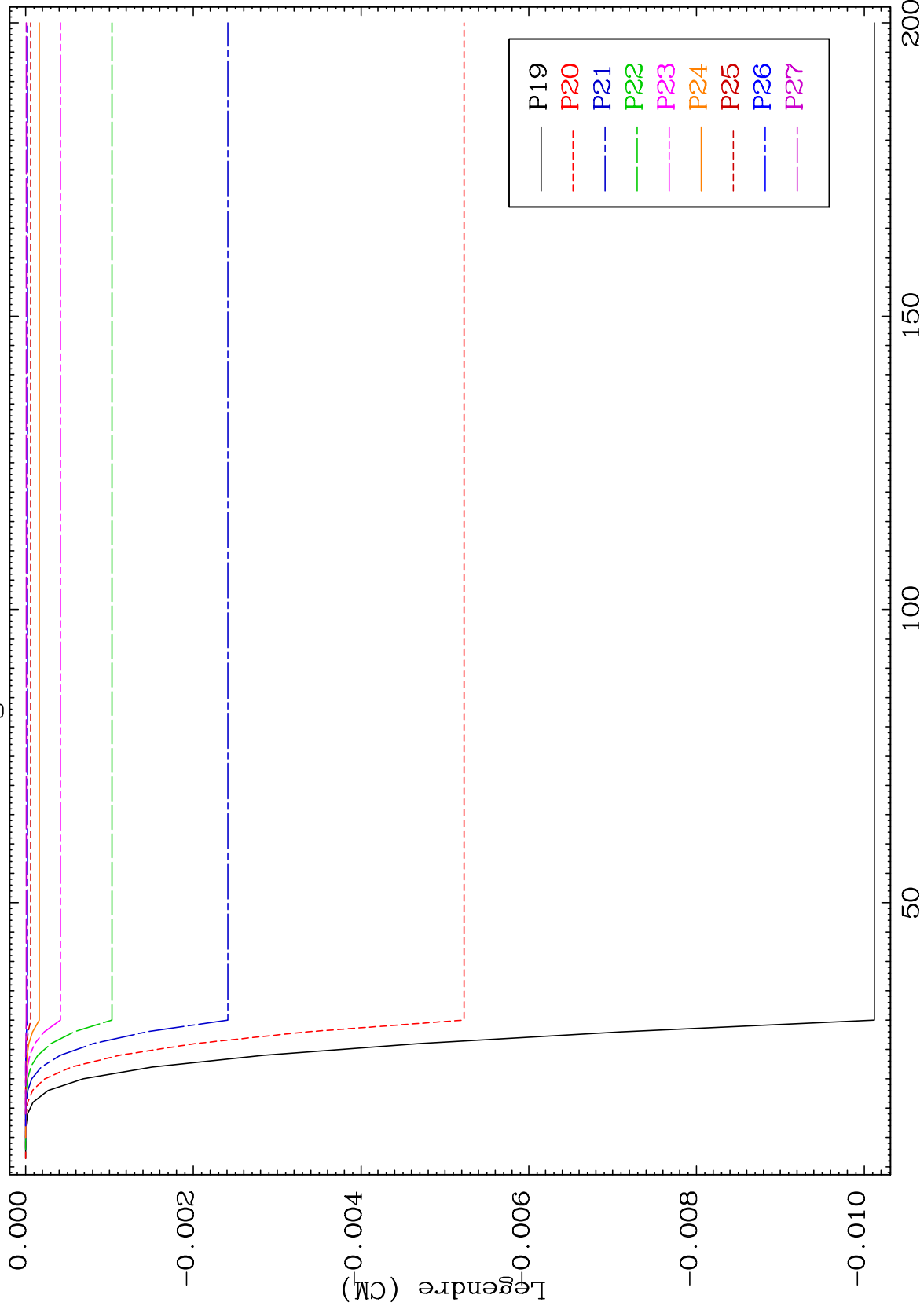
47-Ag-108

MAT 4728

MT= 66 (n,n') Level

47-Ag-108

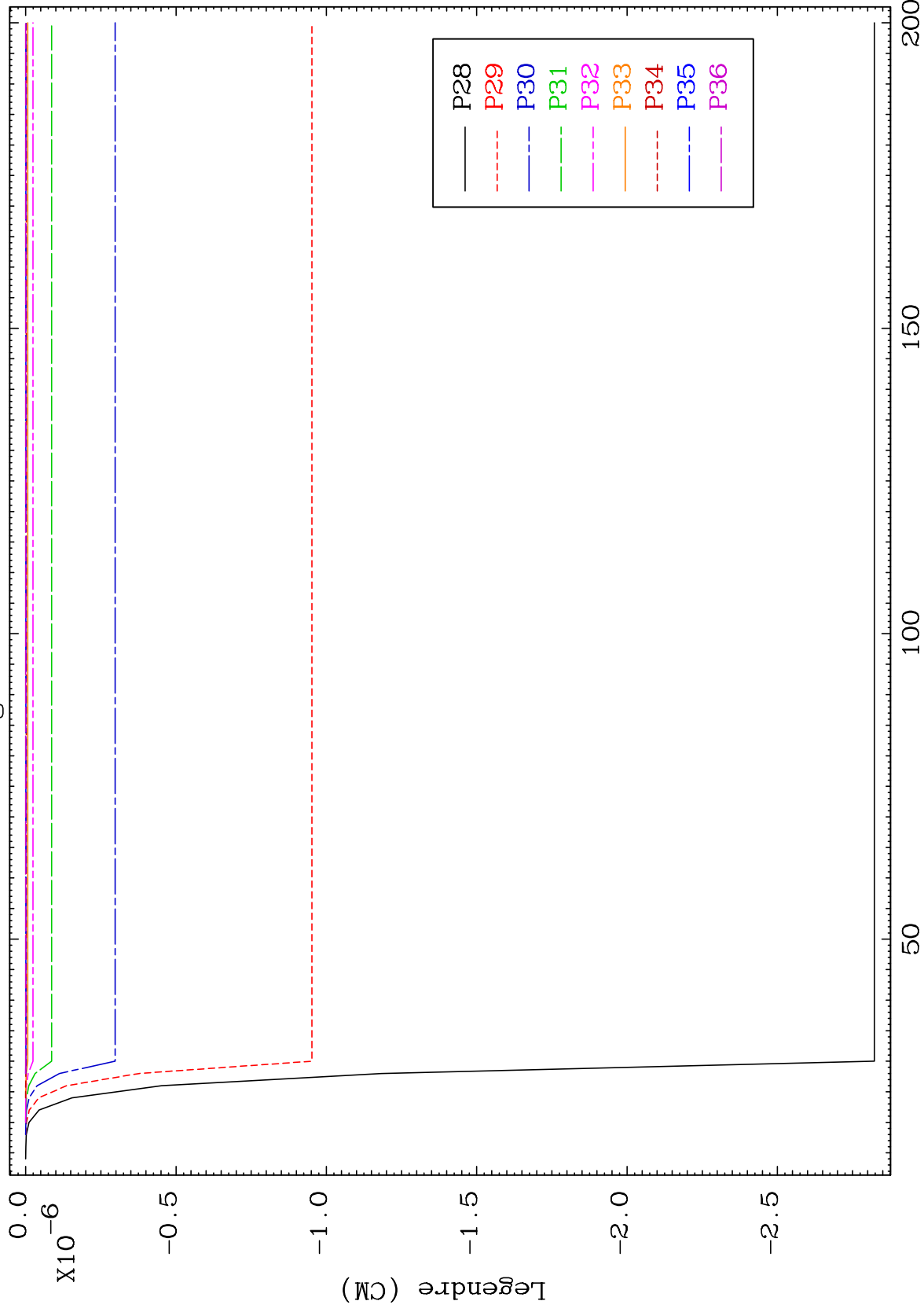
Legendre Coefficients



MAT 4728

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

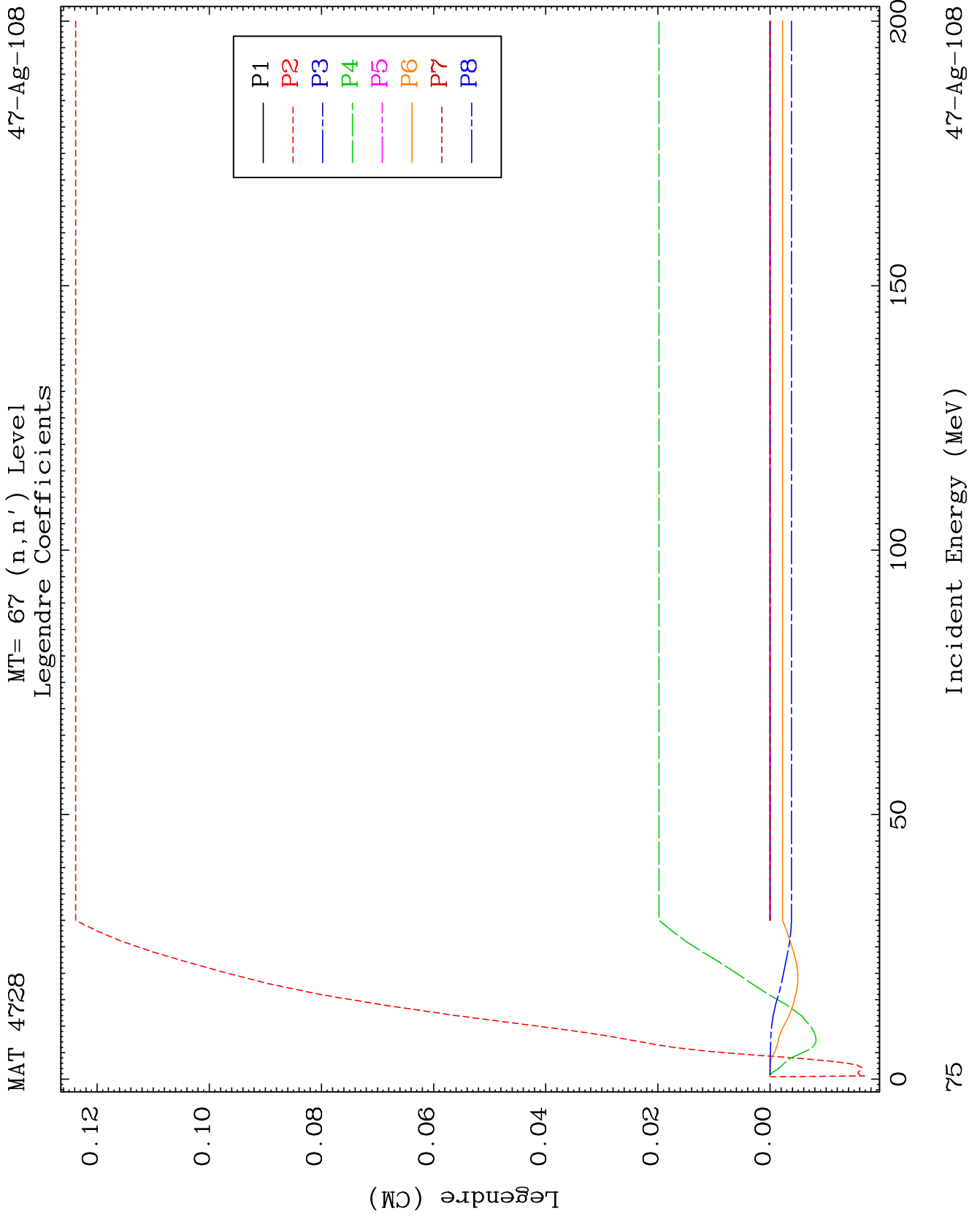
47-Ag-108



74

Incident Energy (MeV)

47-Ag-108

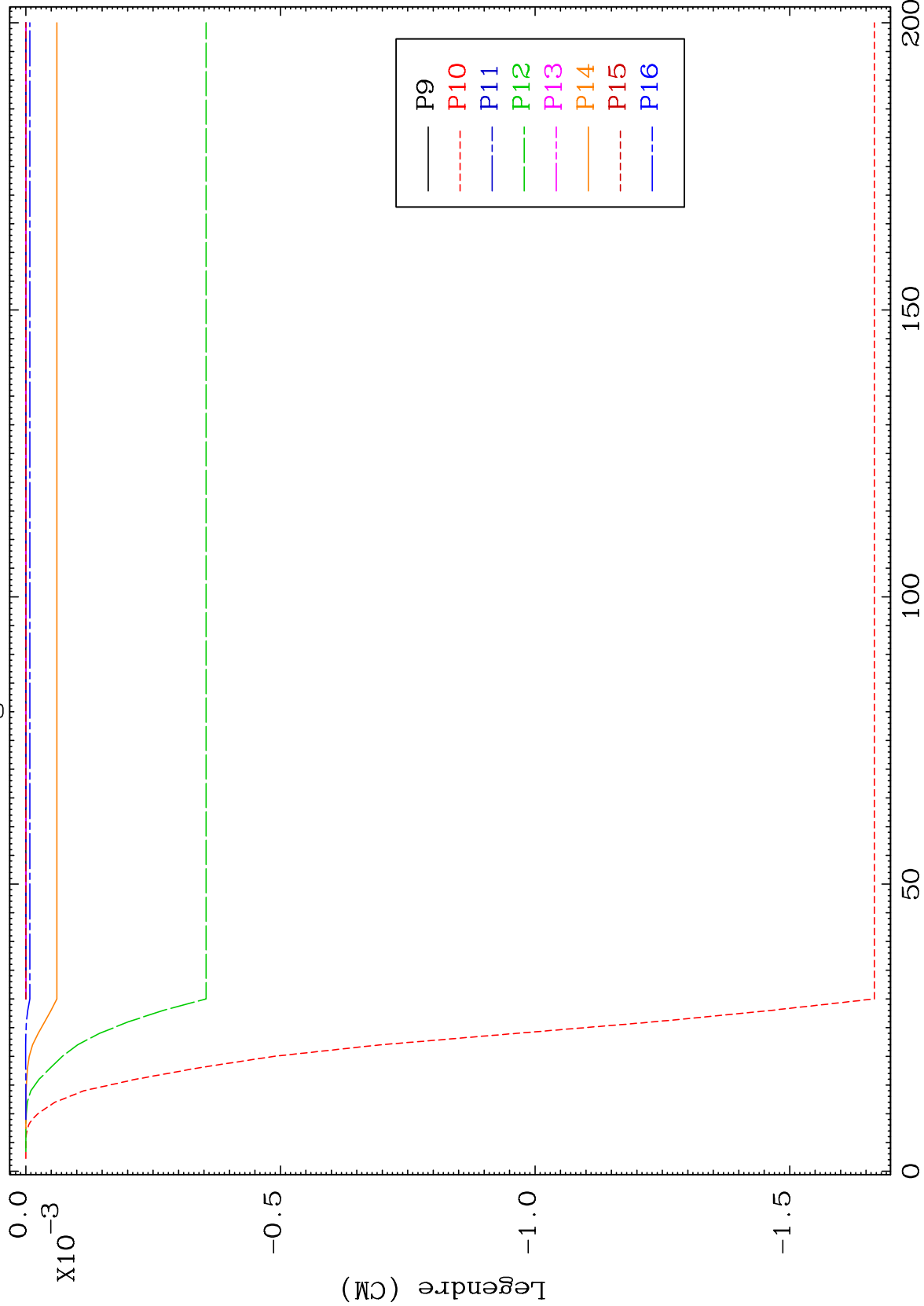


MAT 4728

MT= 67 (n,n') Level

47-Ag-108

Legendre Coefficients



76

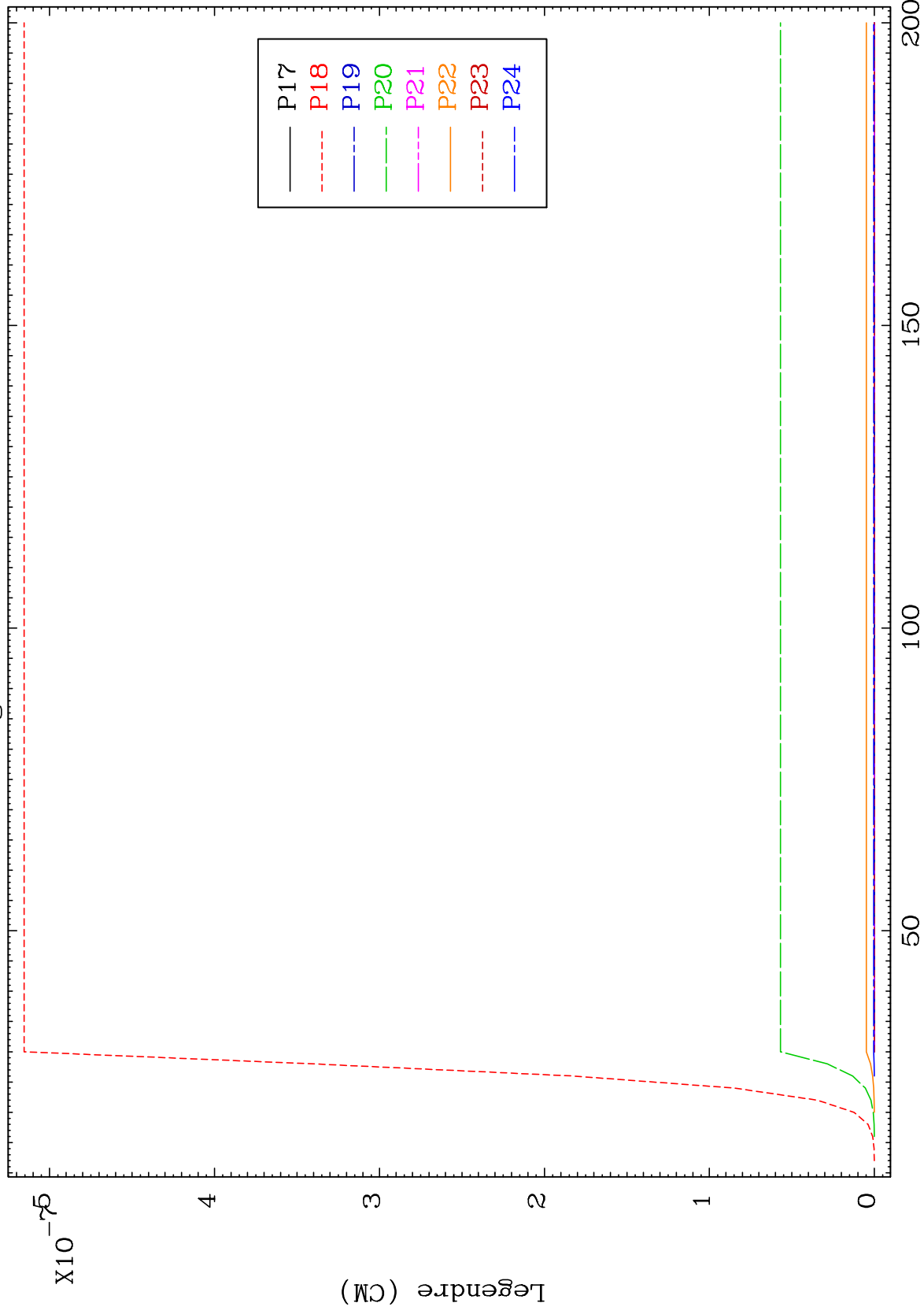
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



77

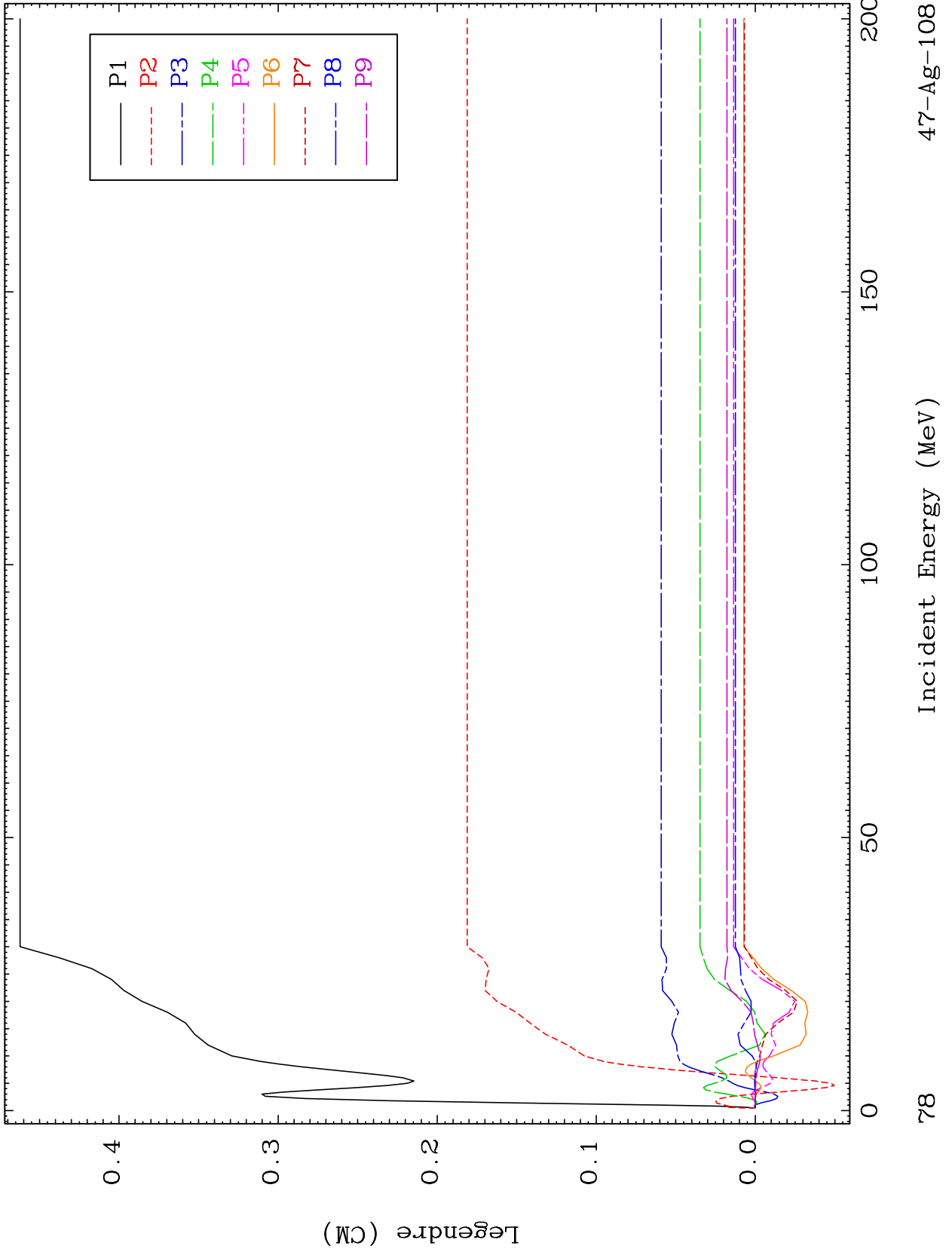
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



78

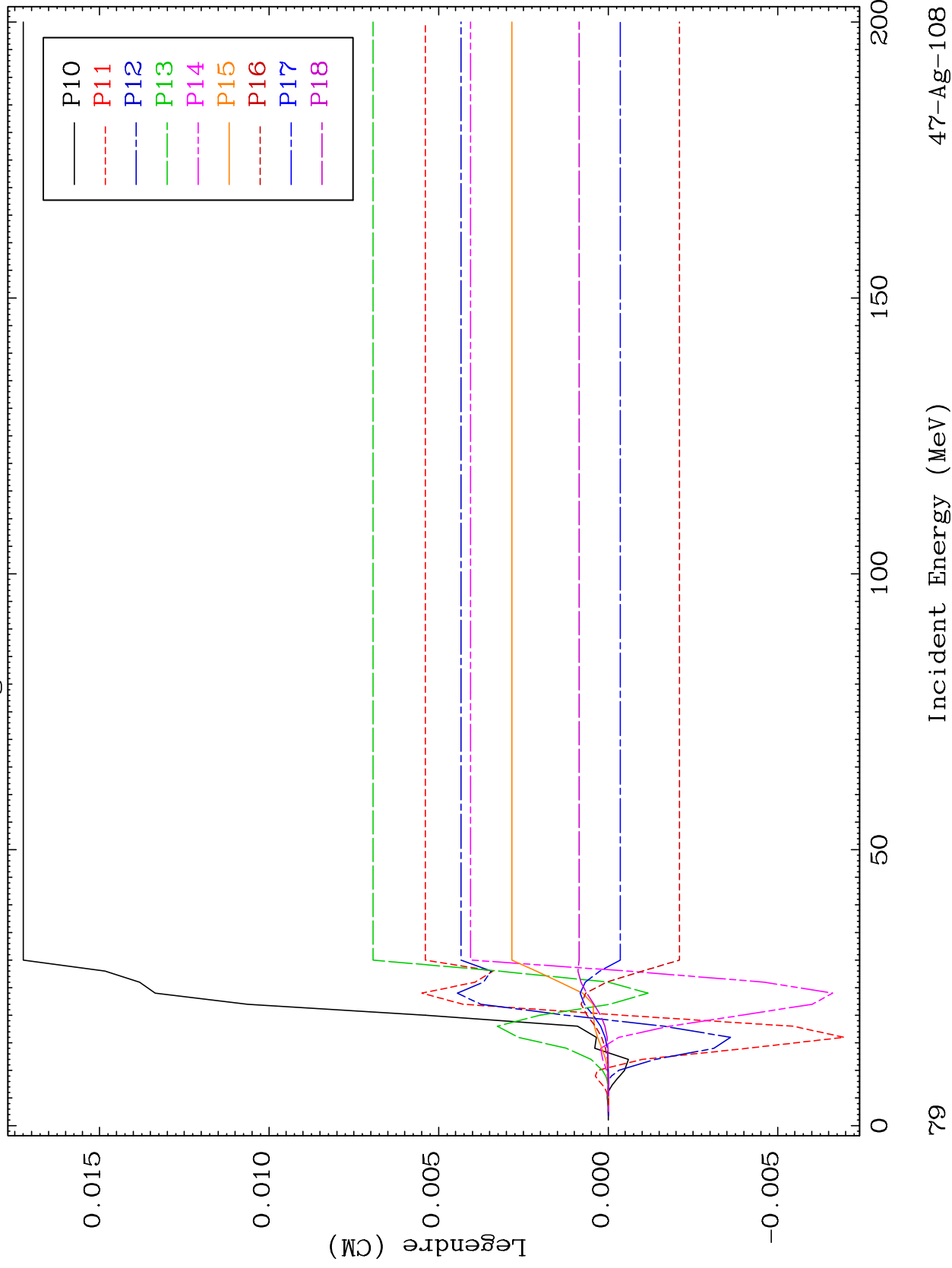
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

Incident Energy (MeV)

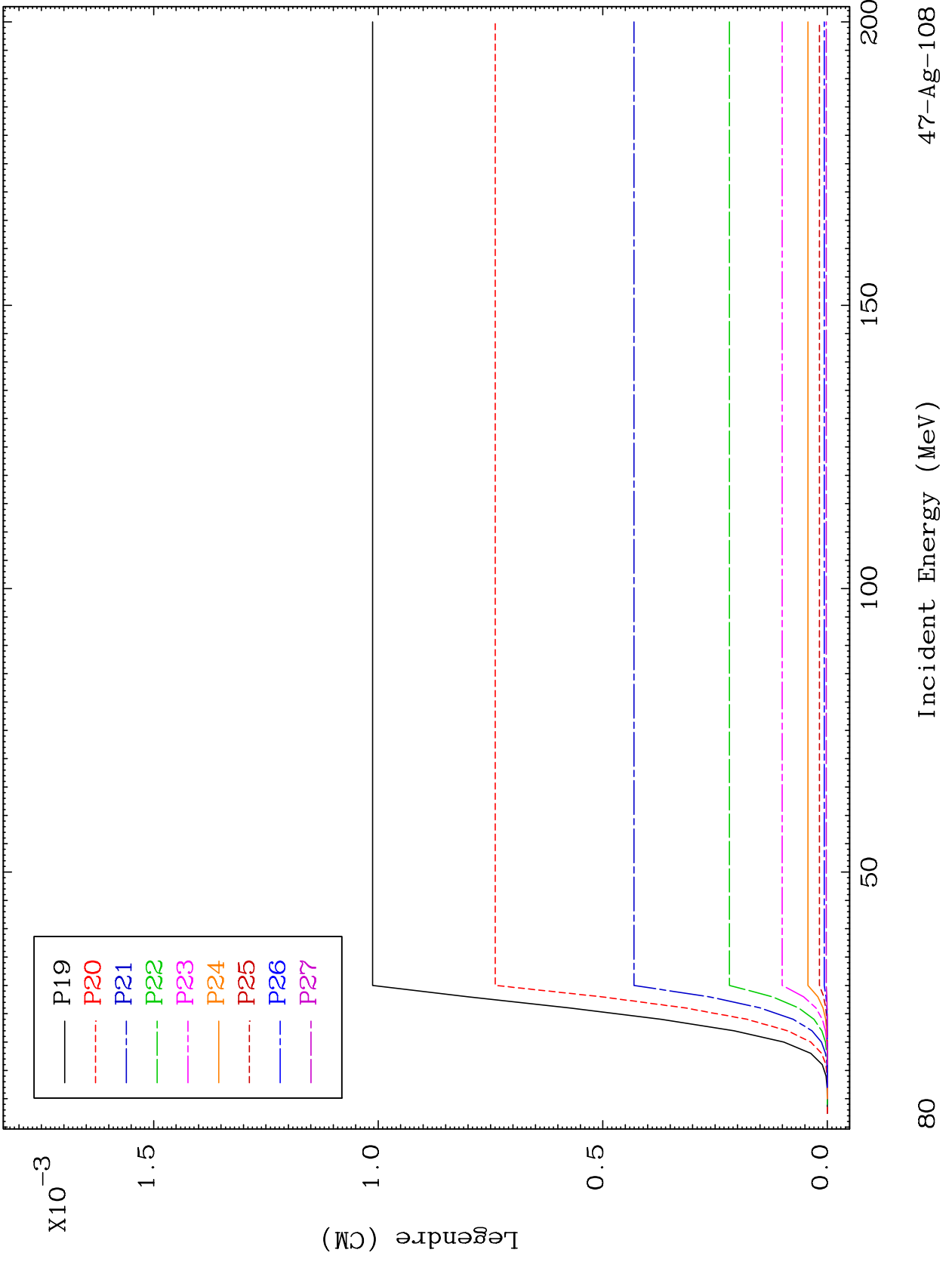
79



MAT 4728

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

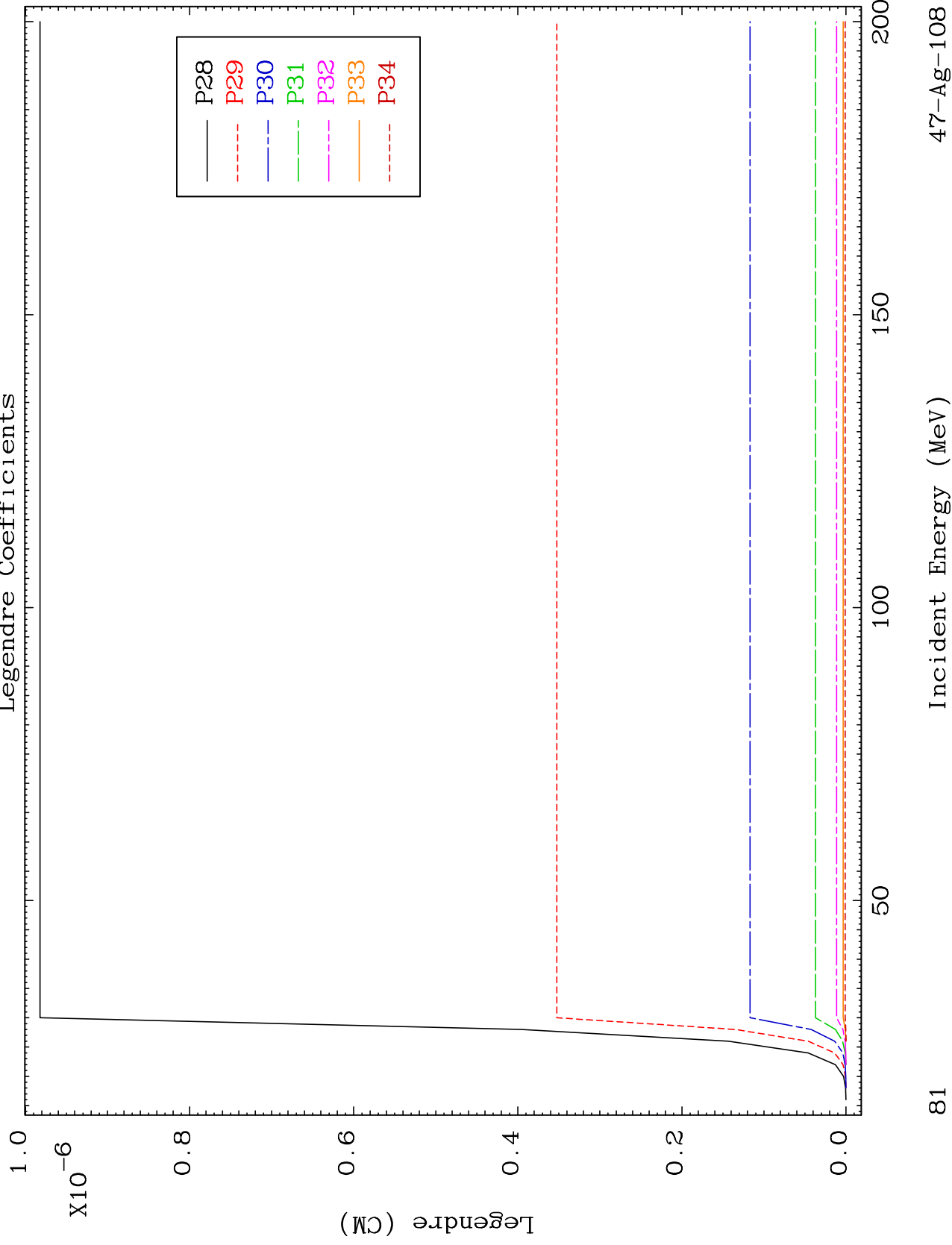
47-Ag-108



MAT 4728

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

47-Ag-108



81

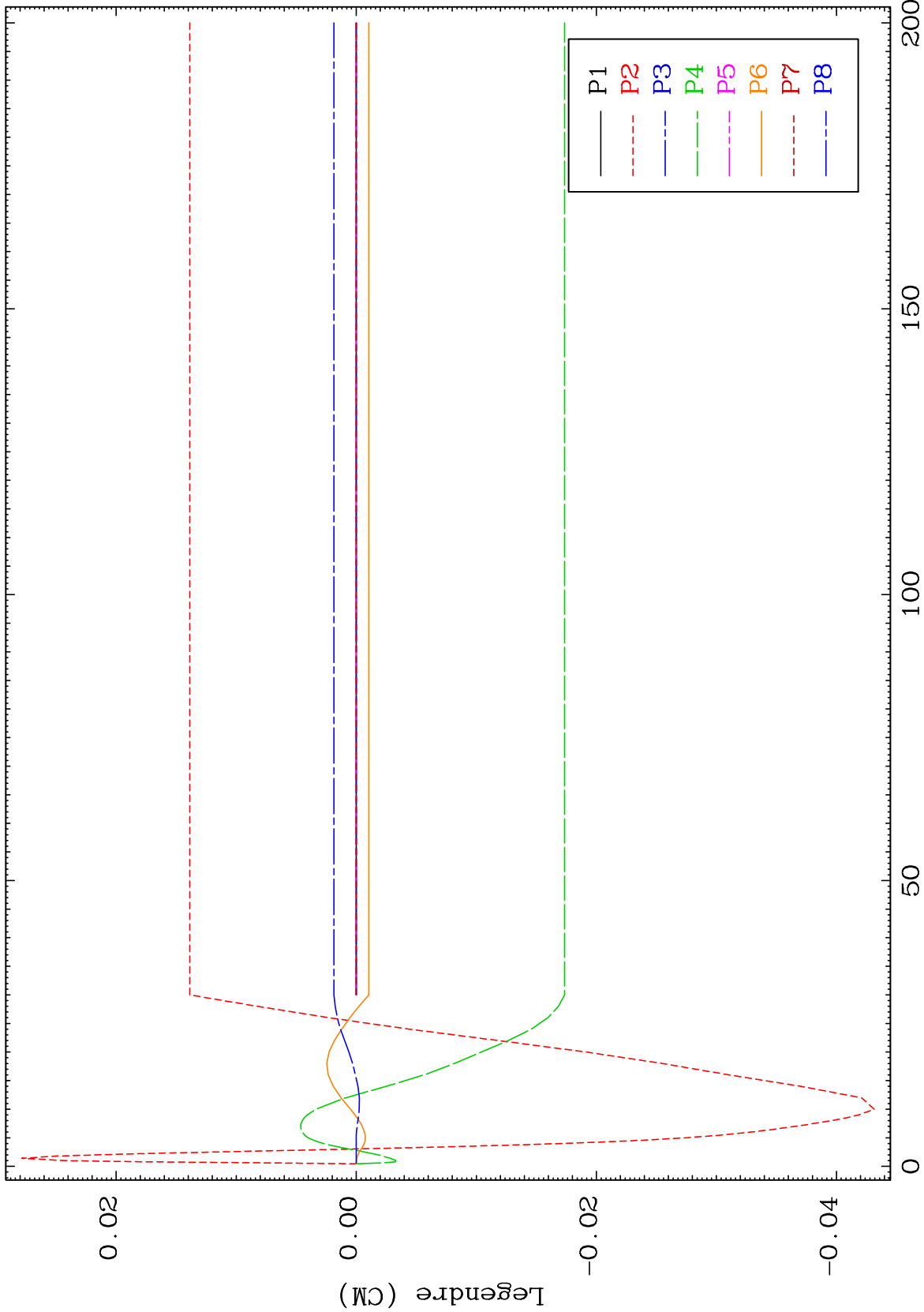
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



82

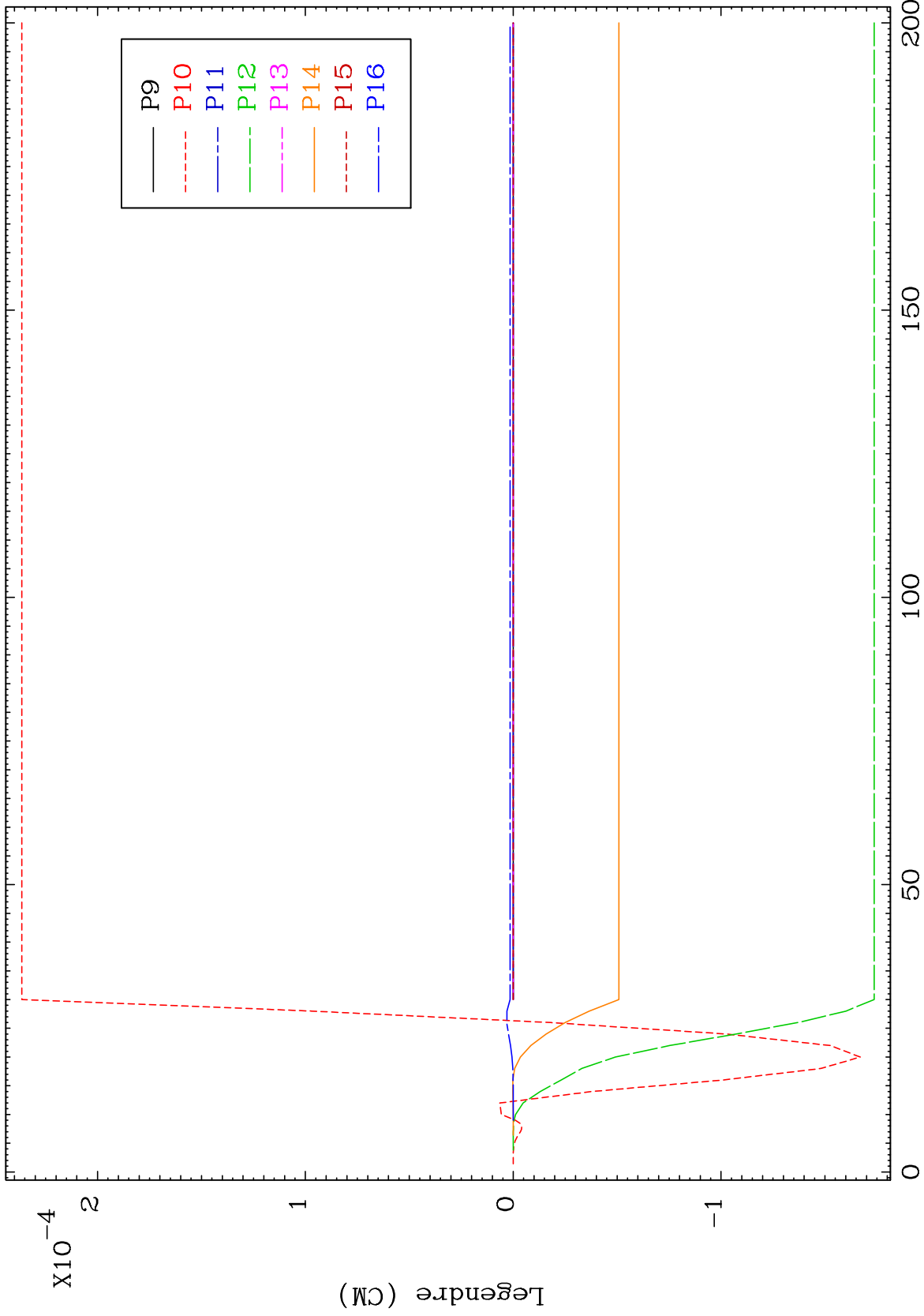
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

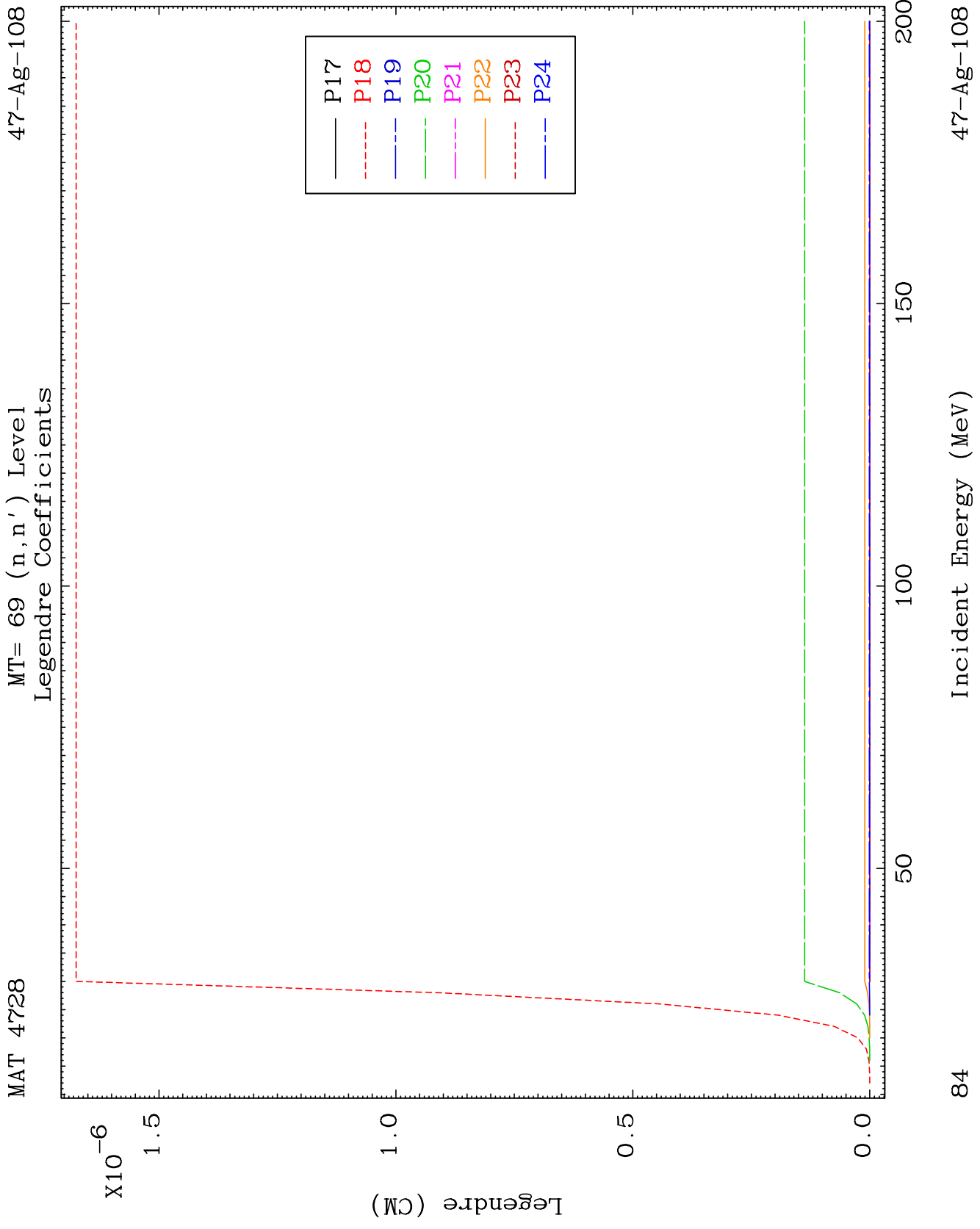
47-Ag-108



83

Incident Energy (MeV)

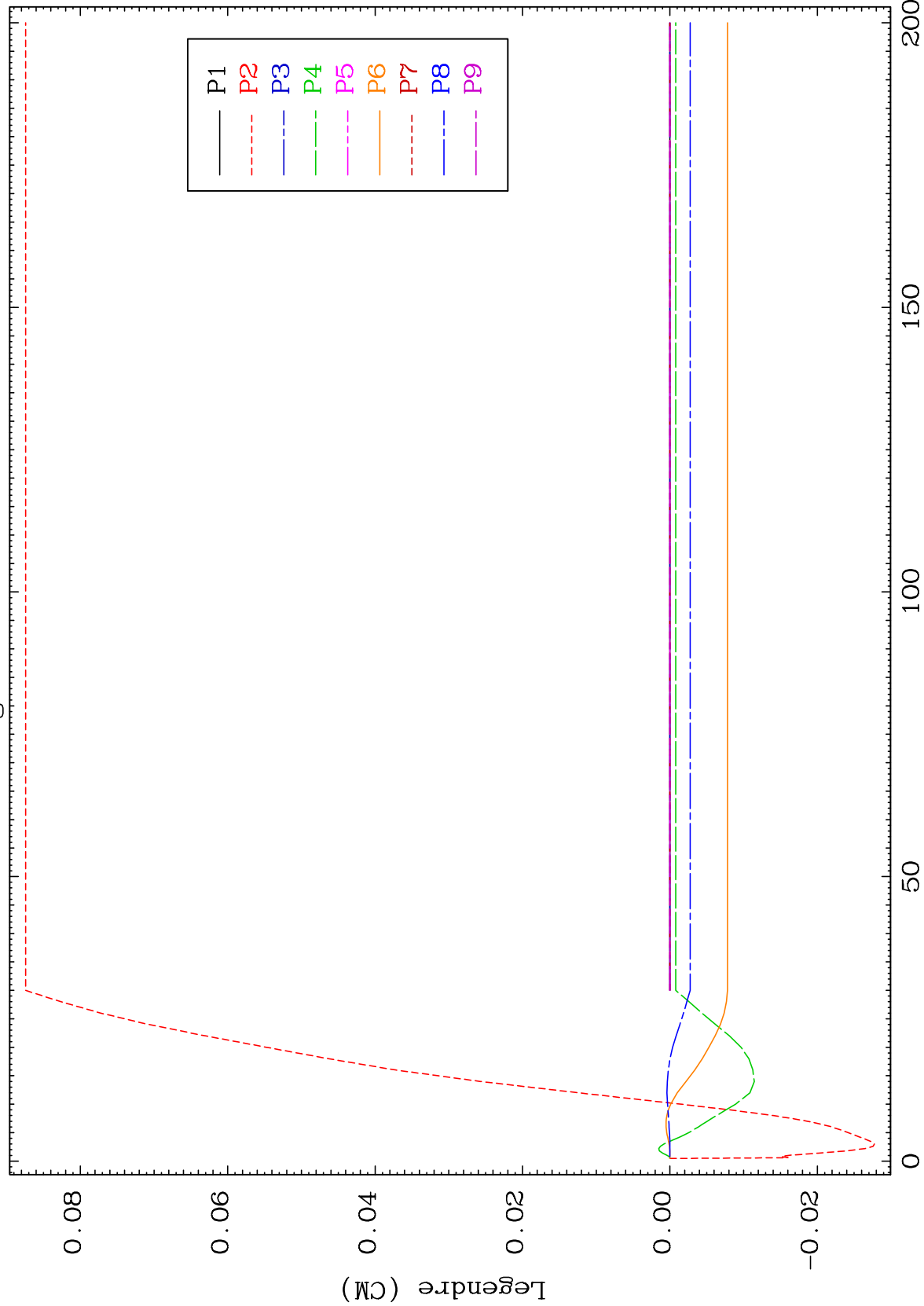
47-Ag-108



MAT 4728

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

47-Ag-108



85

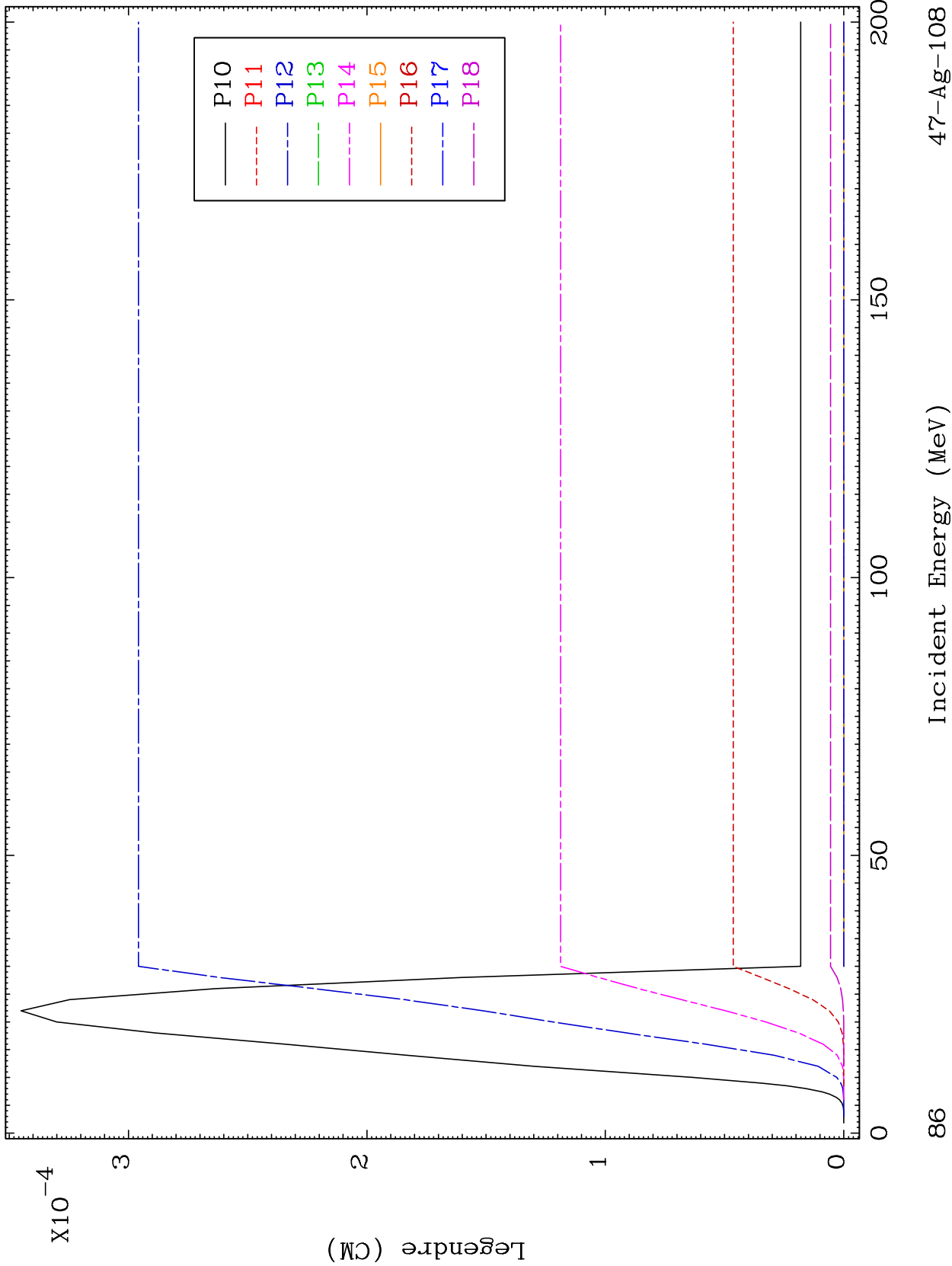
Incident Energy (MeV)

47-Ag-108

MAT 4728

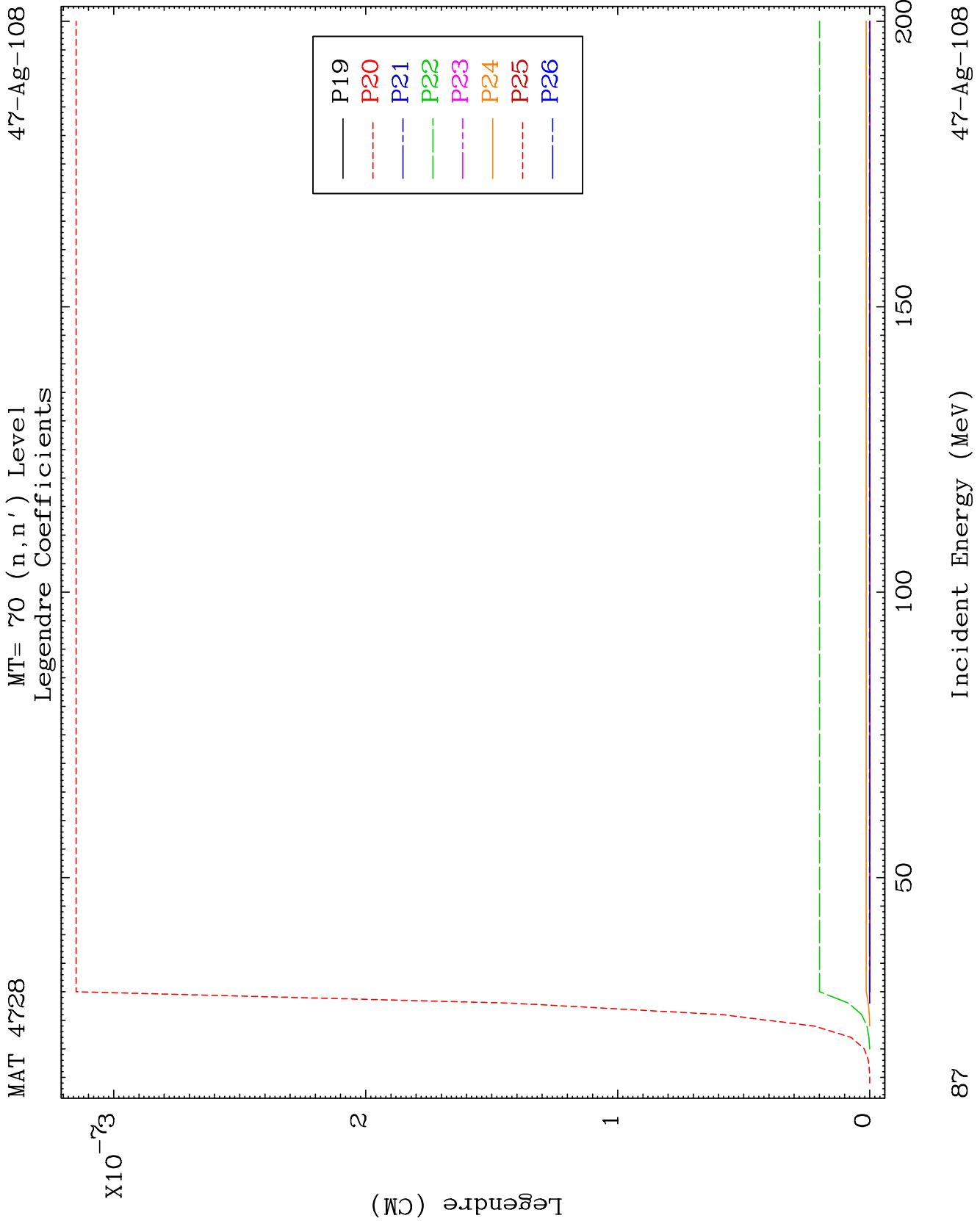
MT= 70 (n,n') Level  
Legendre Coefficients

47-Ag-108

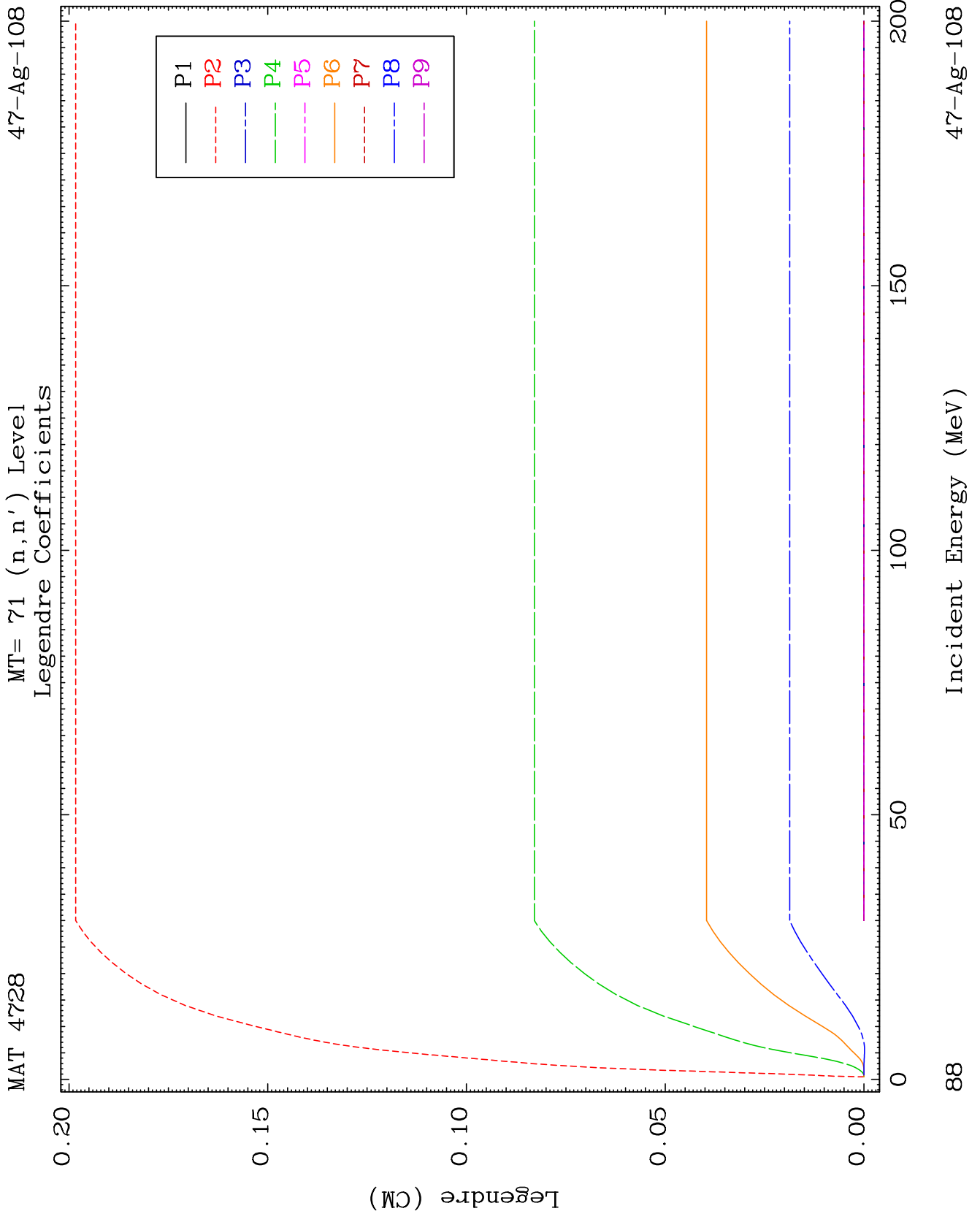


86

47-Ag-108



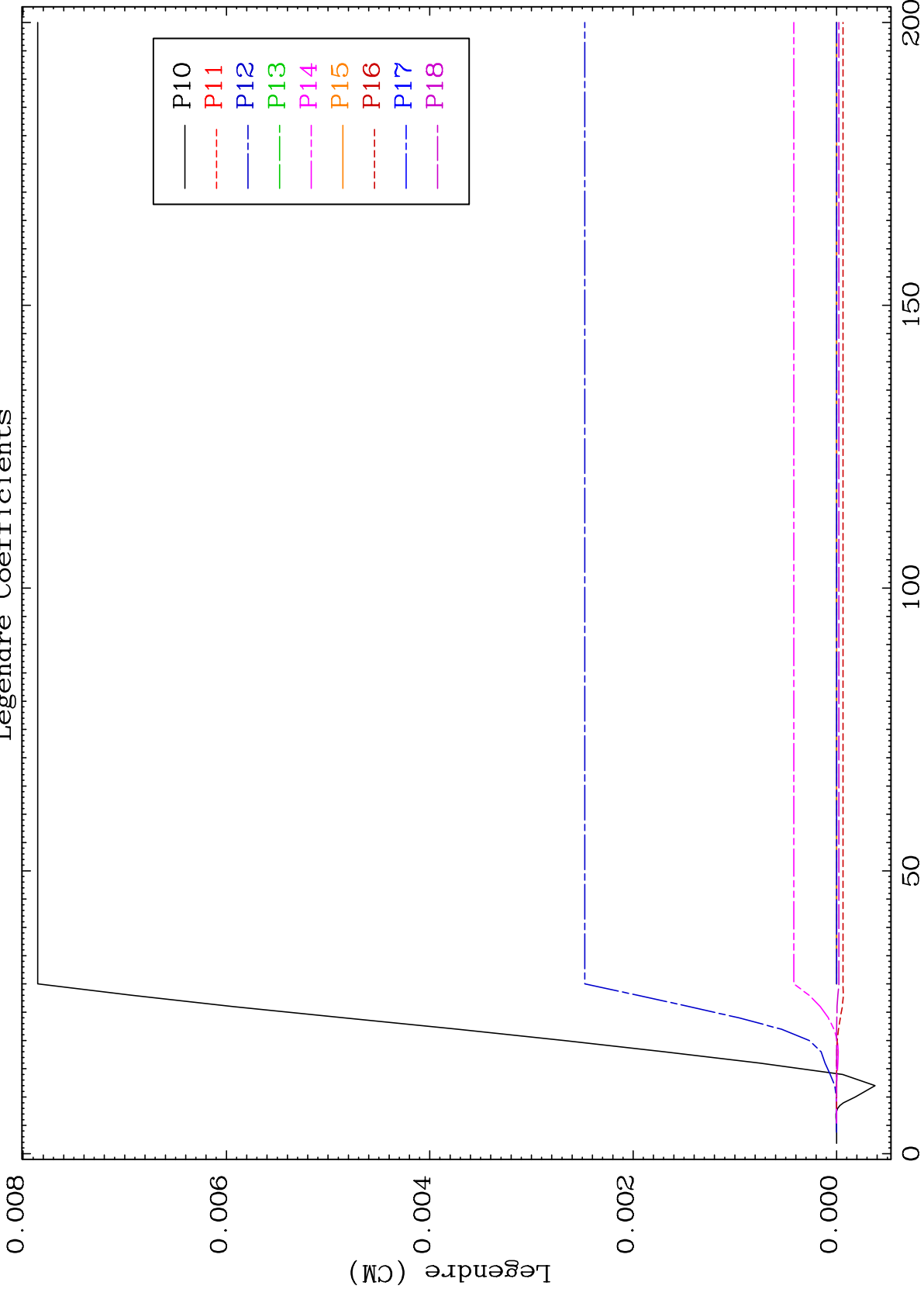




MAT 4728

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

47-Ag-108



89

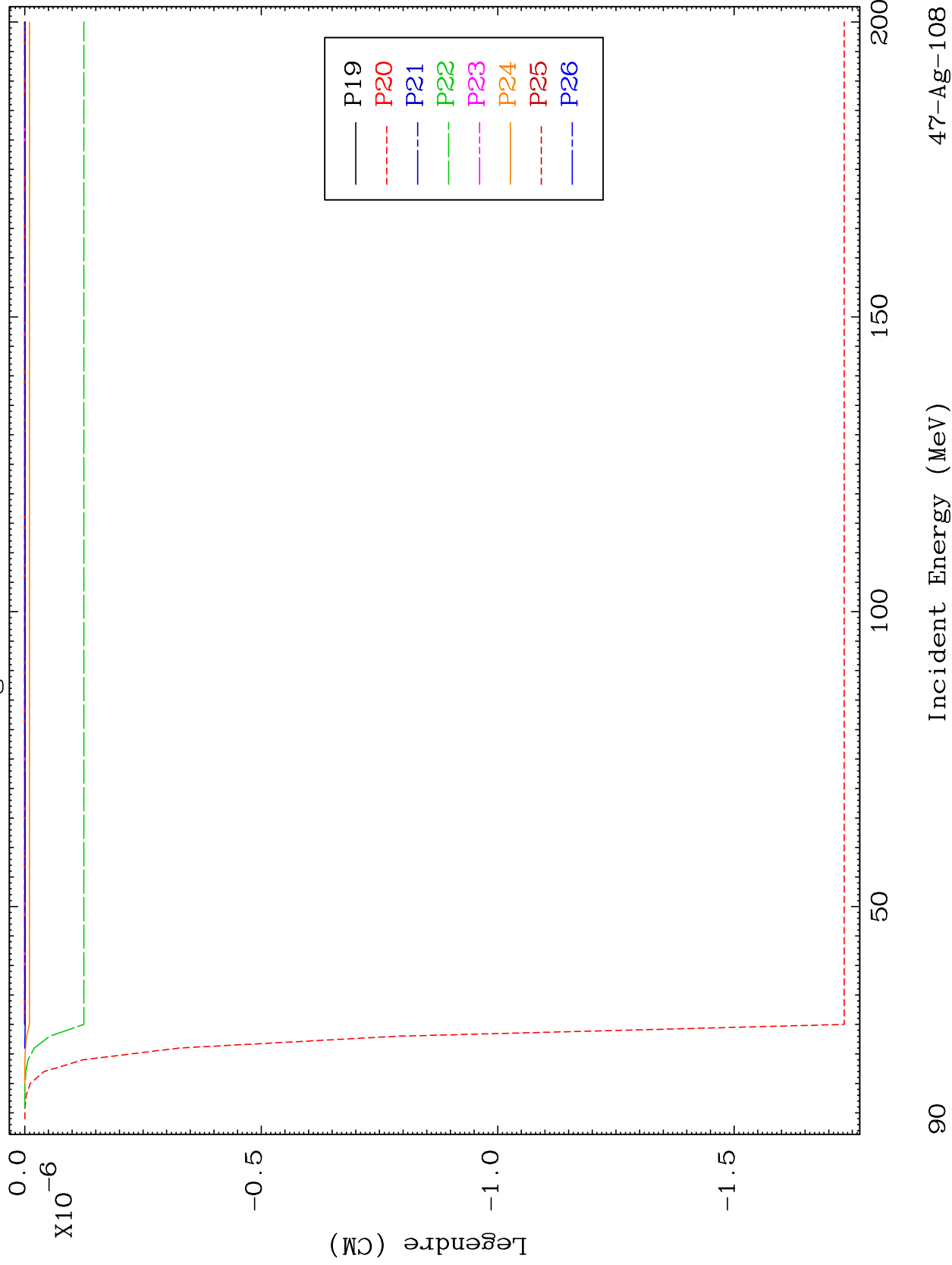
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

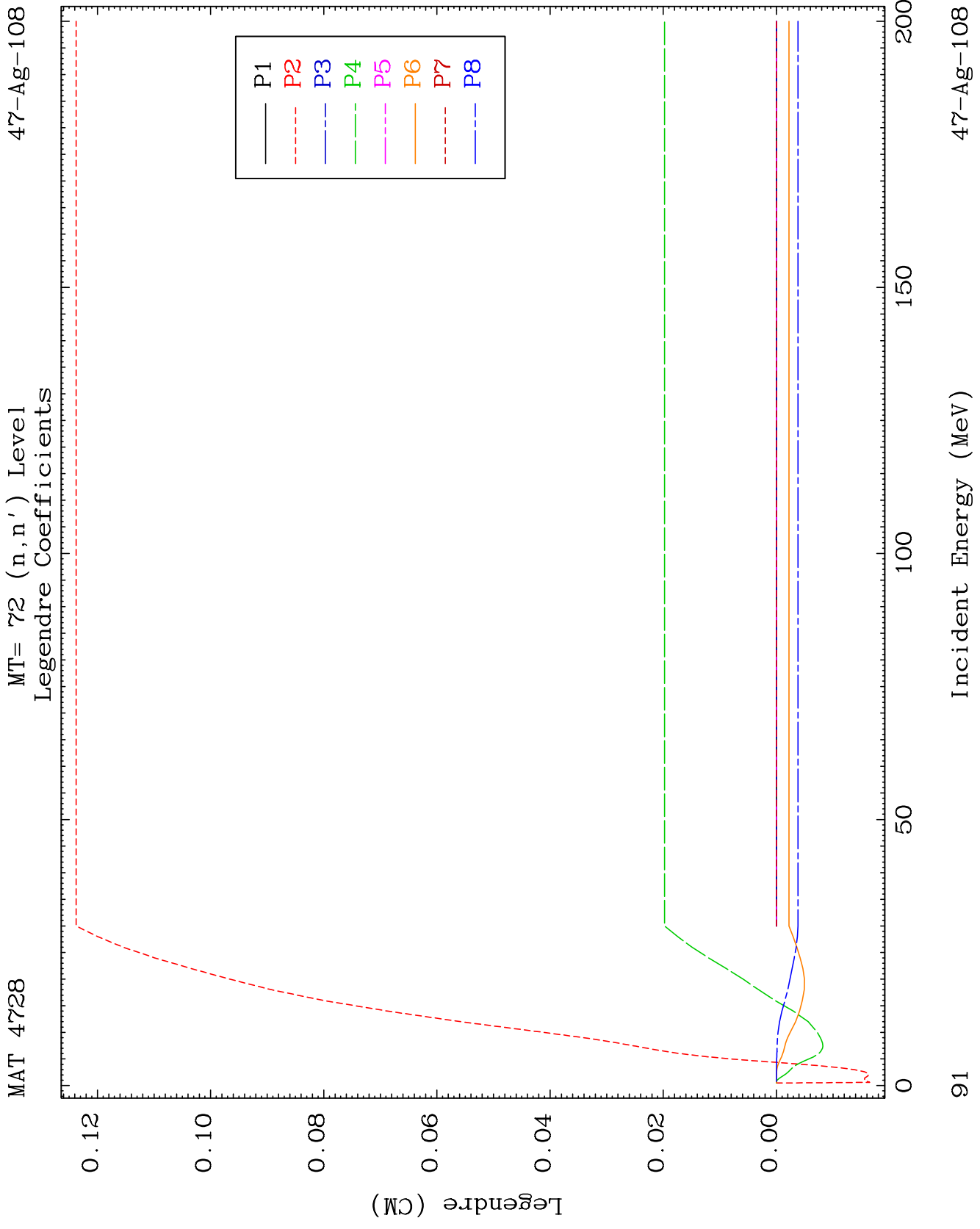
47-Ag-108



90

Incident Energy (MeV)

47-Ag-108

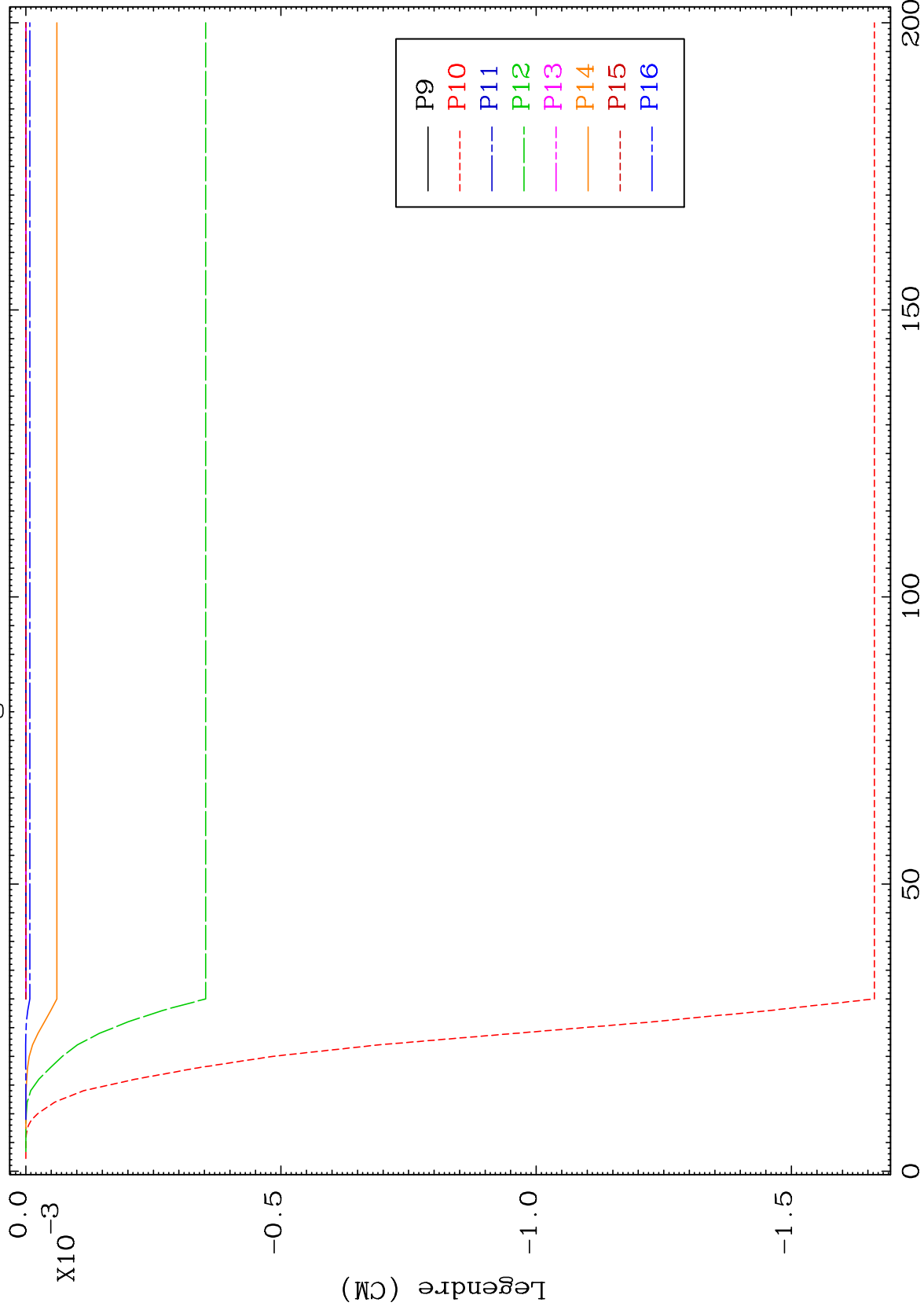


MAT 4728

MT= 72 (n,n') Level

47-Ag-108

Legendre Coefficients



92

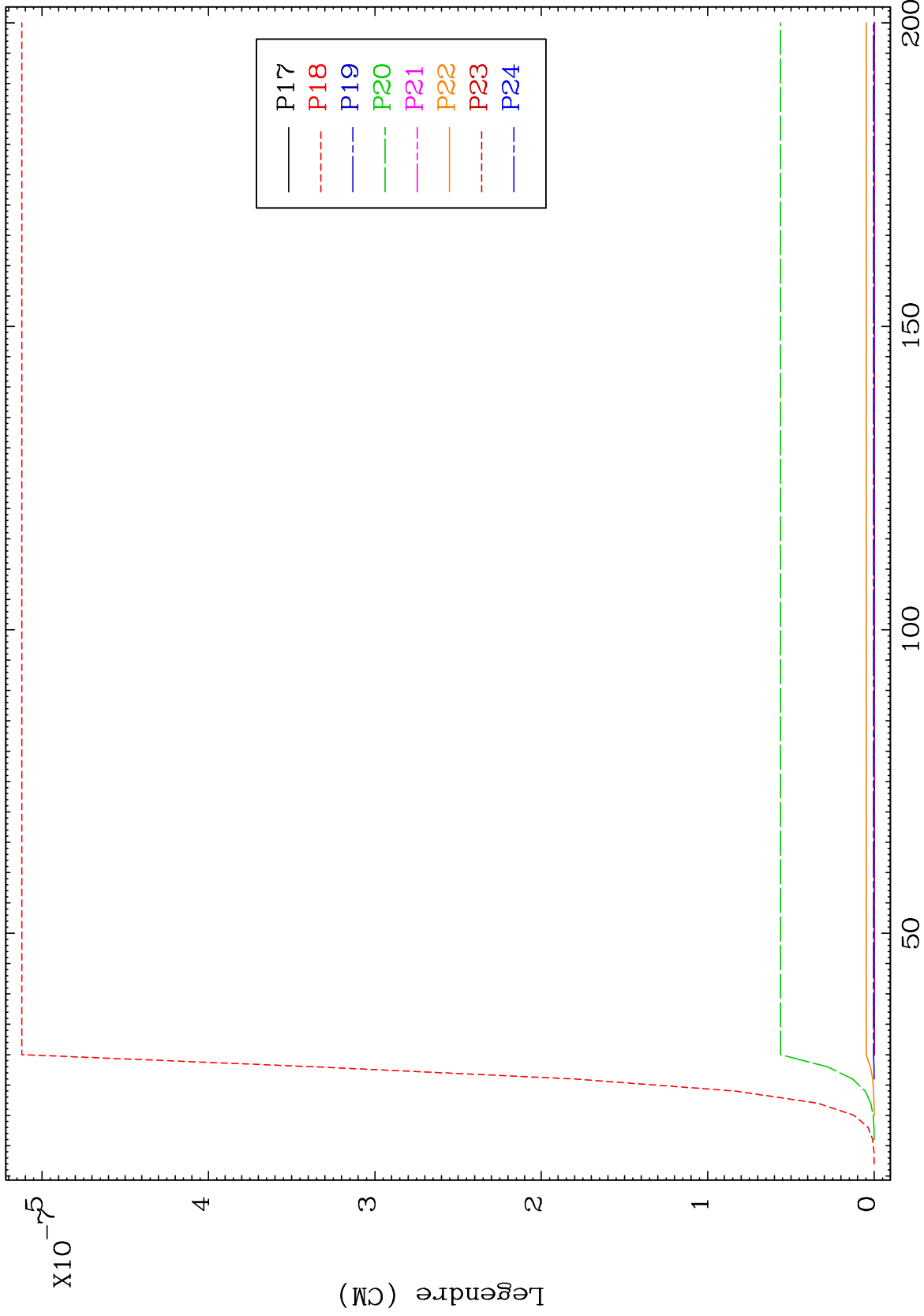
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



93

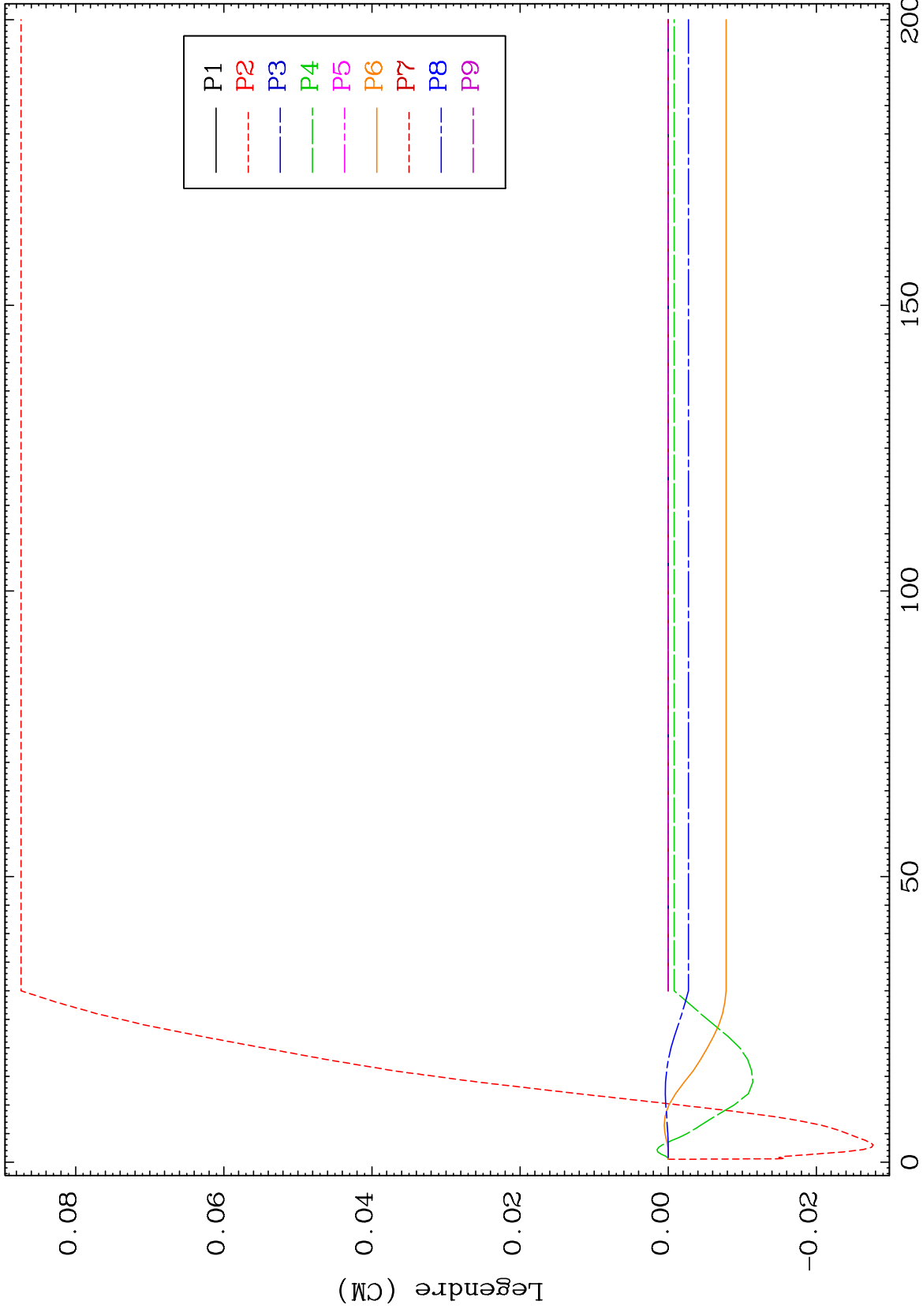
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



94

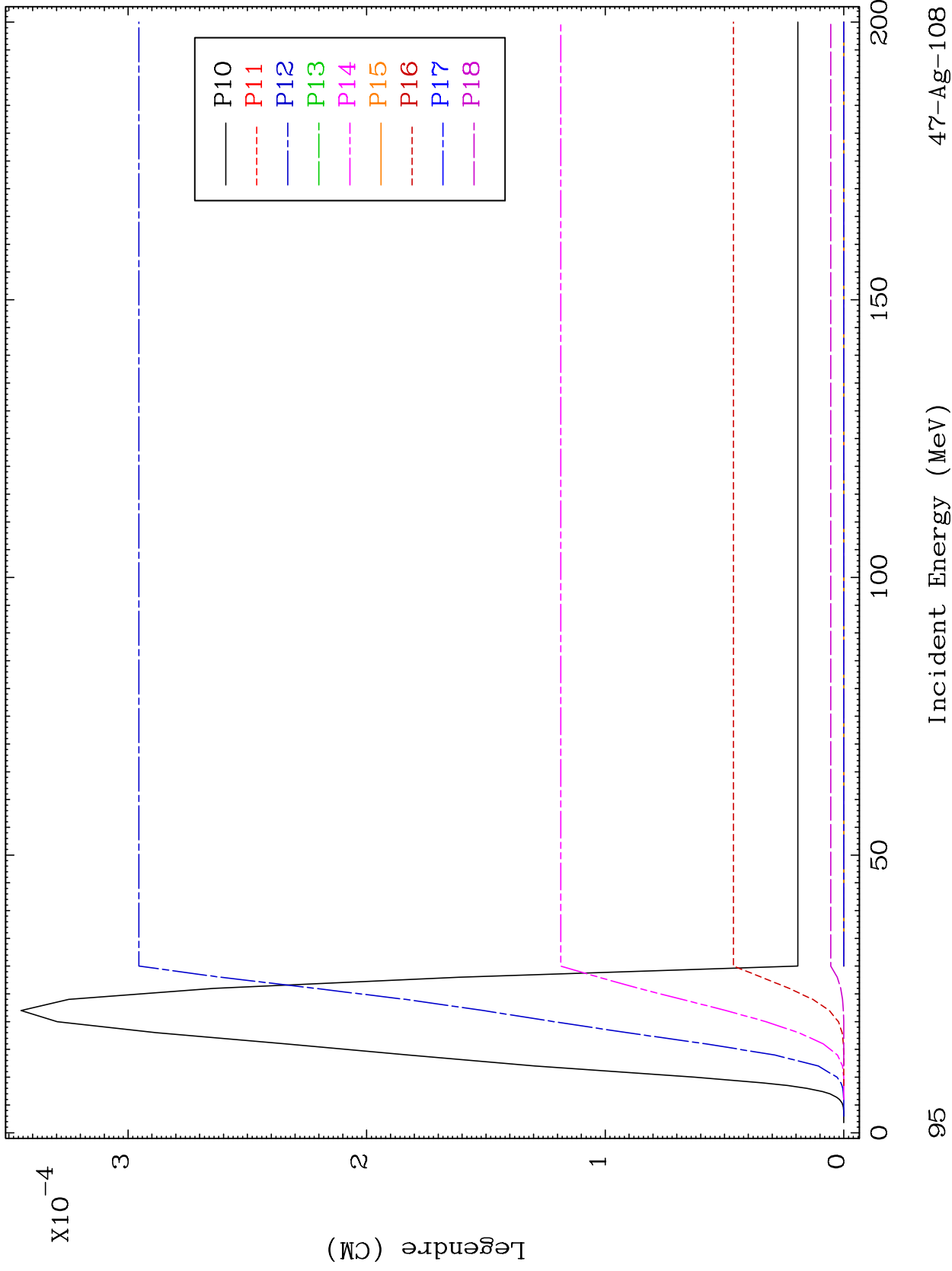
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108

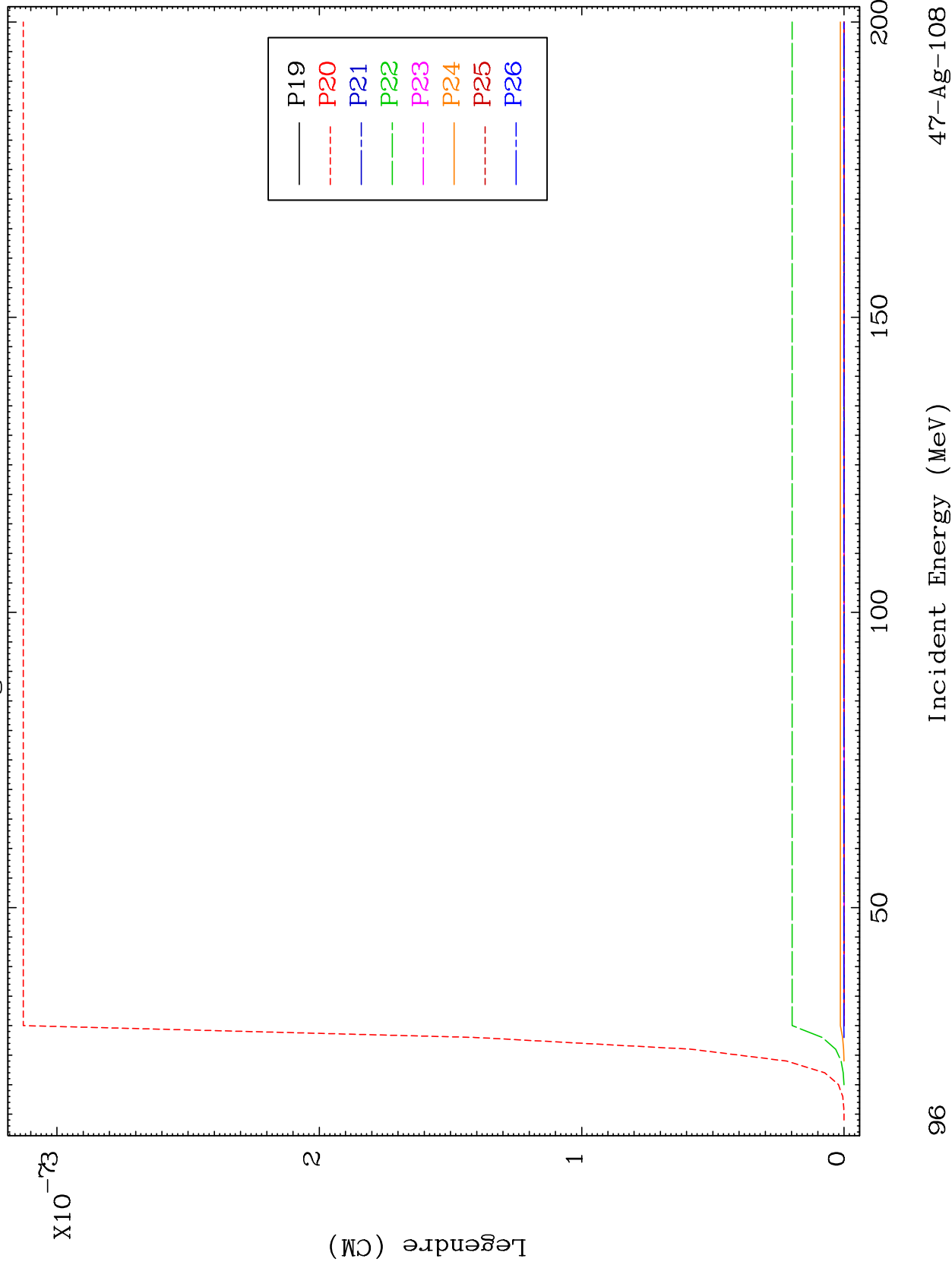




MAT 4728

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

47-Ag-108



96

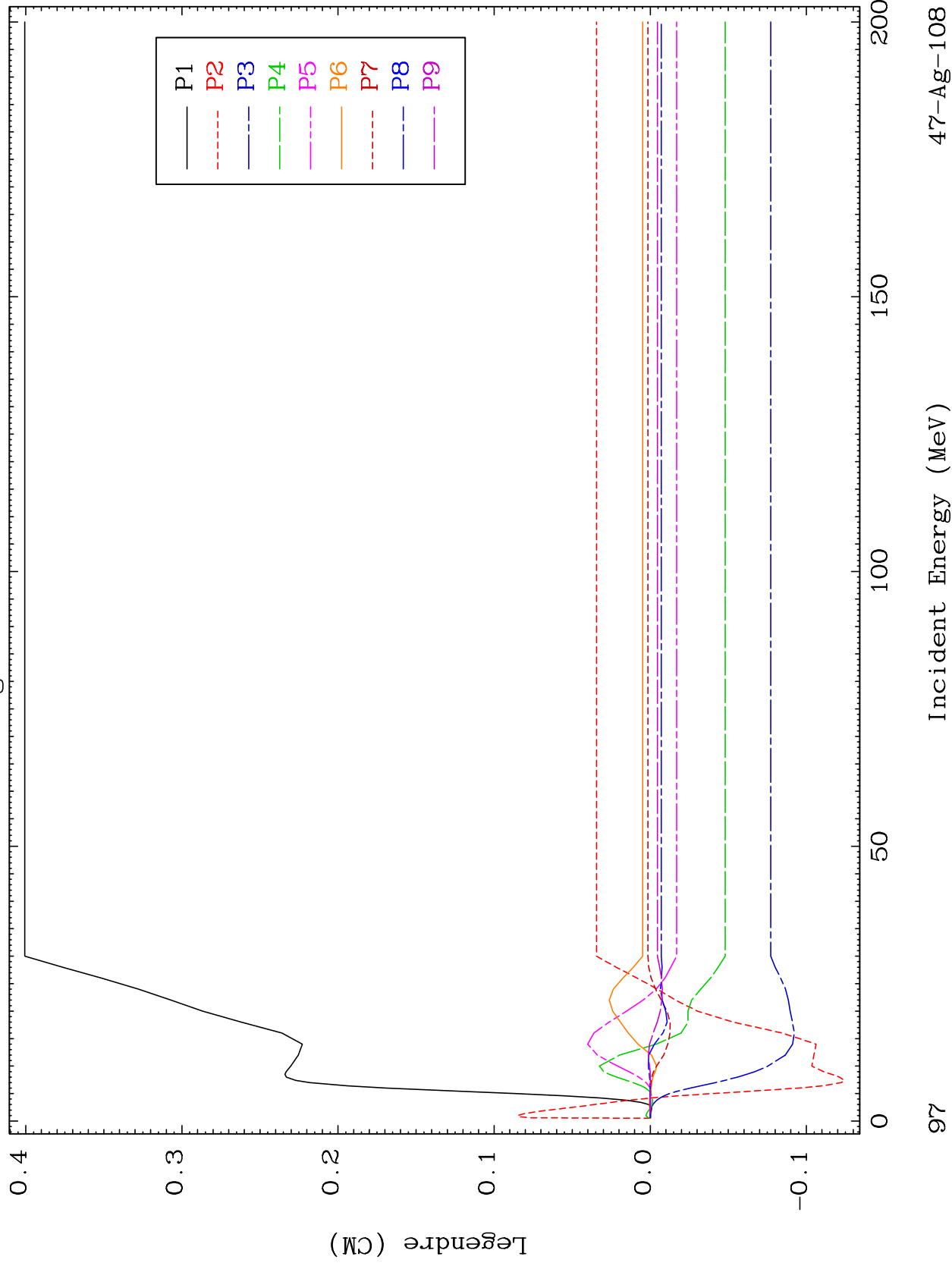
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

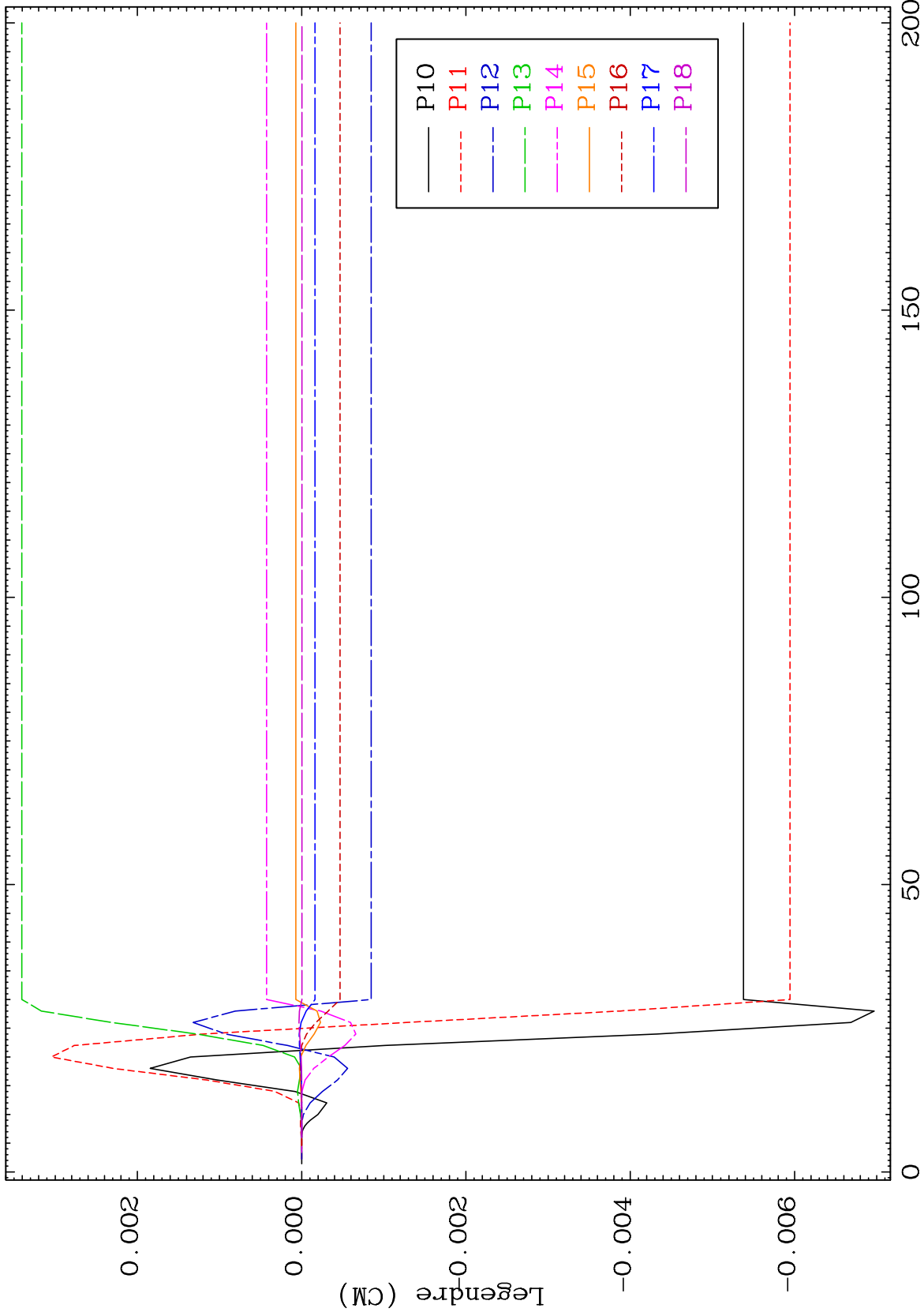
Incident Energy (MeV)

97

MAT 4728

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

47-Ag-108



98

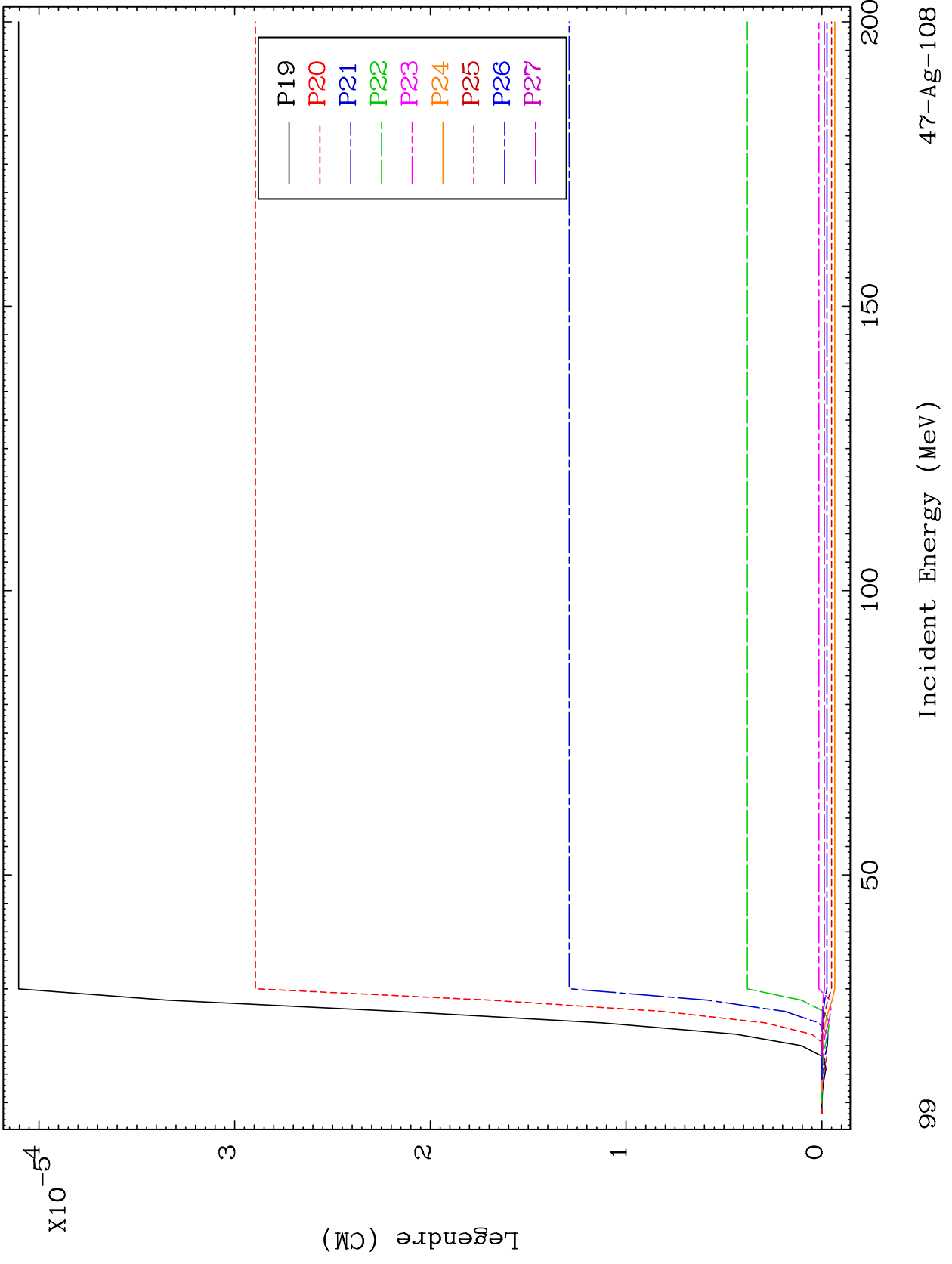
Incident Energy (MeV)

47-Ag-108

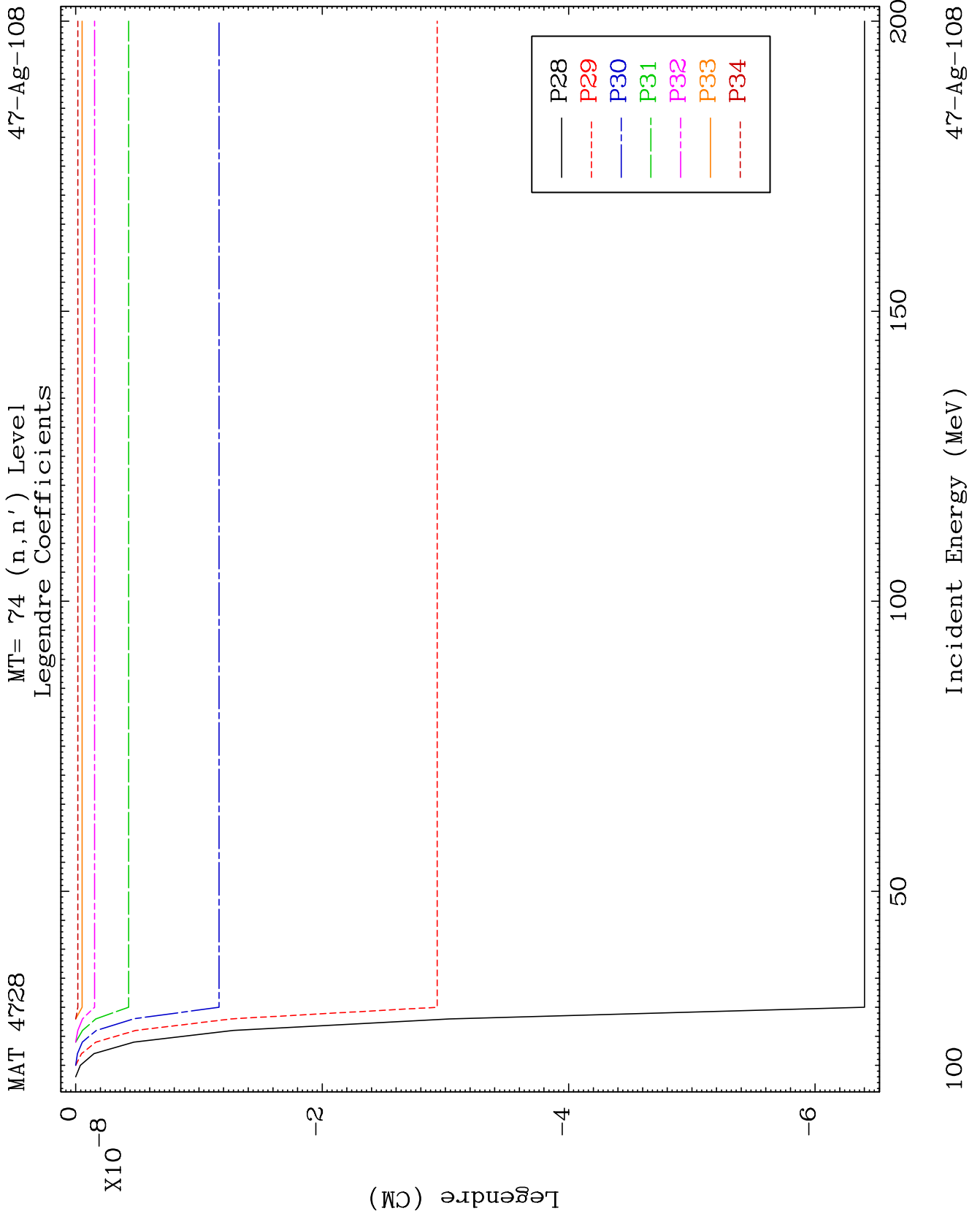
MAT 4728

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

47-Ag-108



99

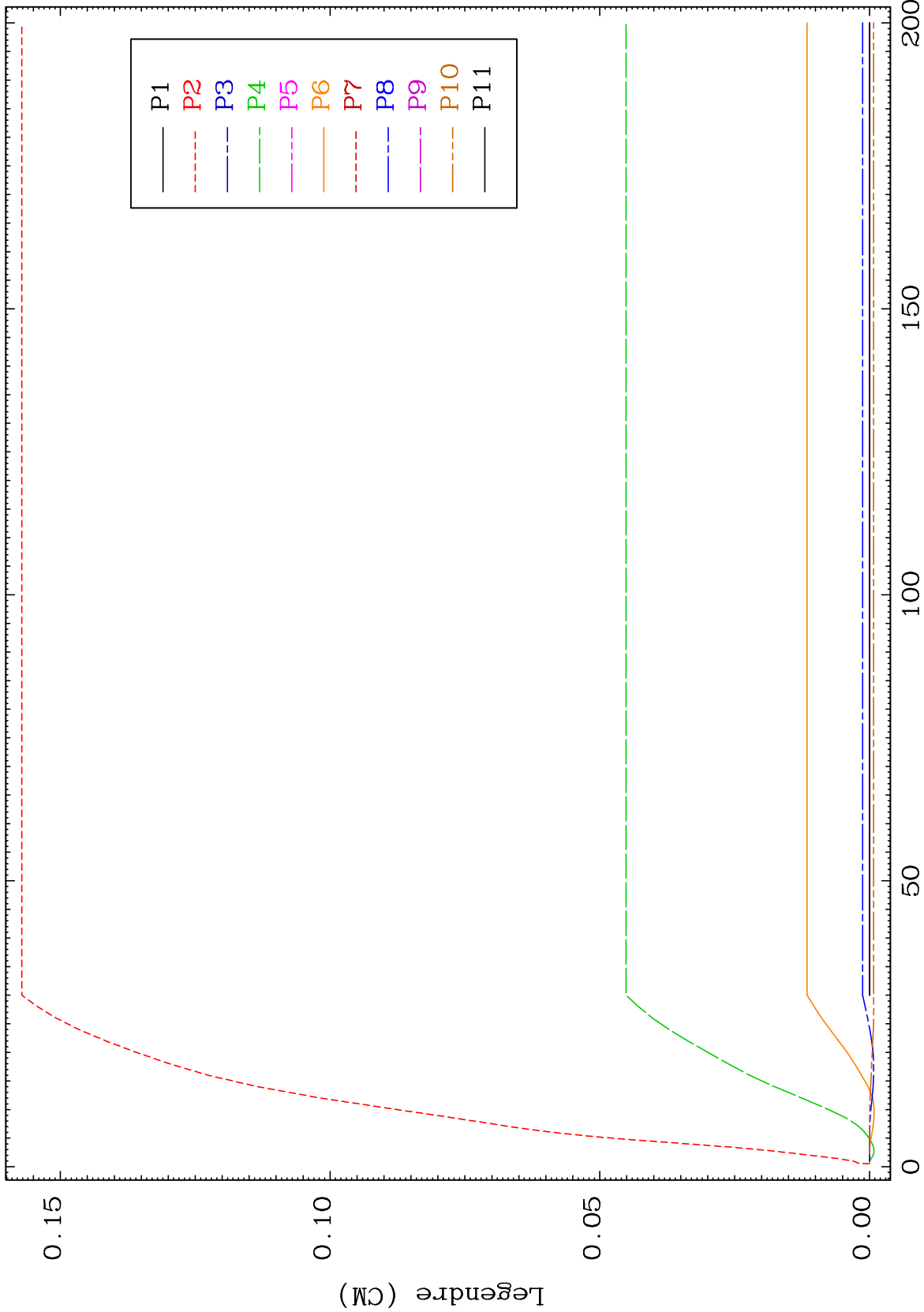


MAT 4728

MT= 75 (n,n') Level

47-Ag-108

Legendre Coefficients



101

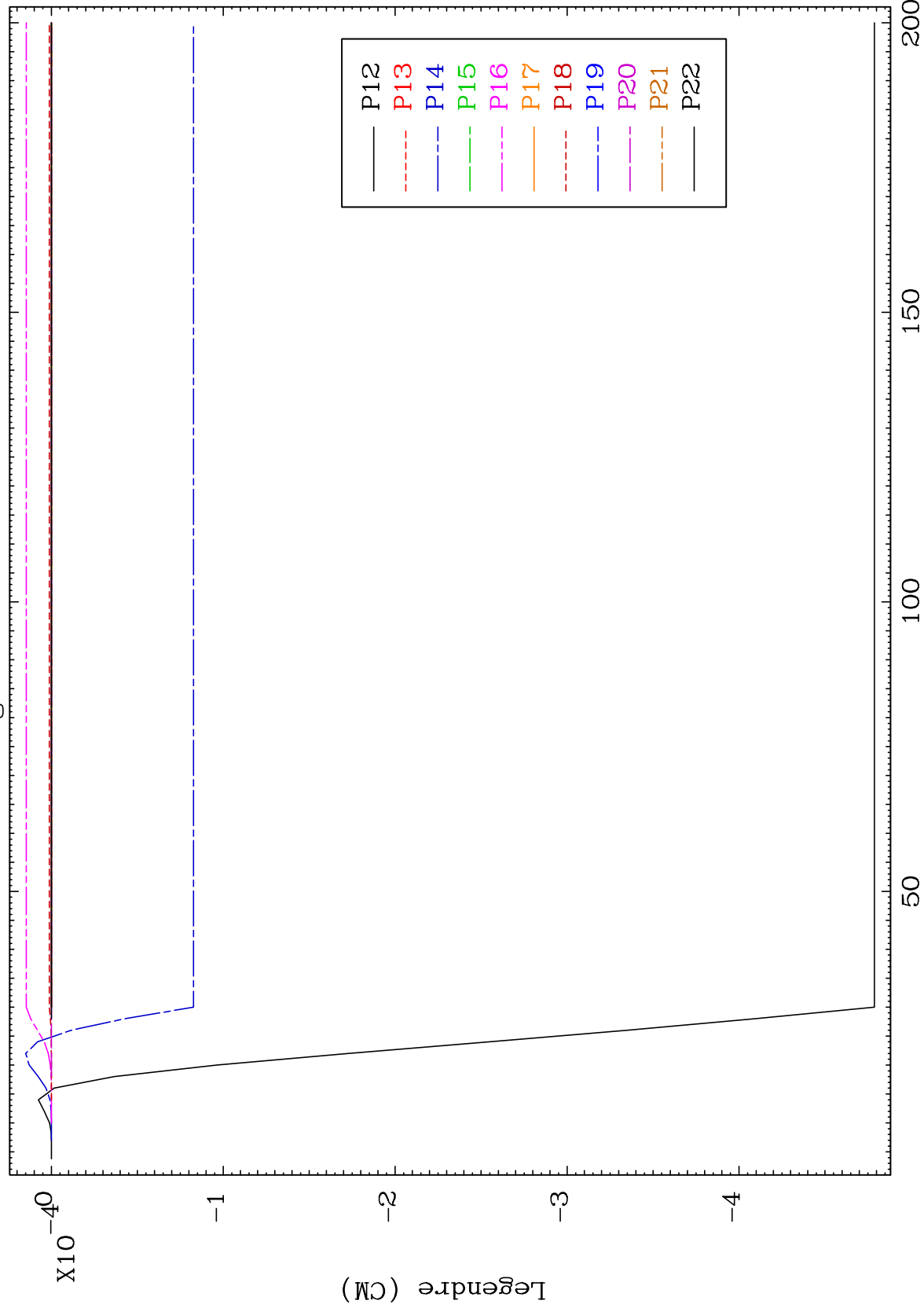
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



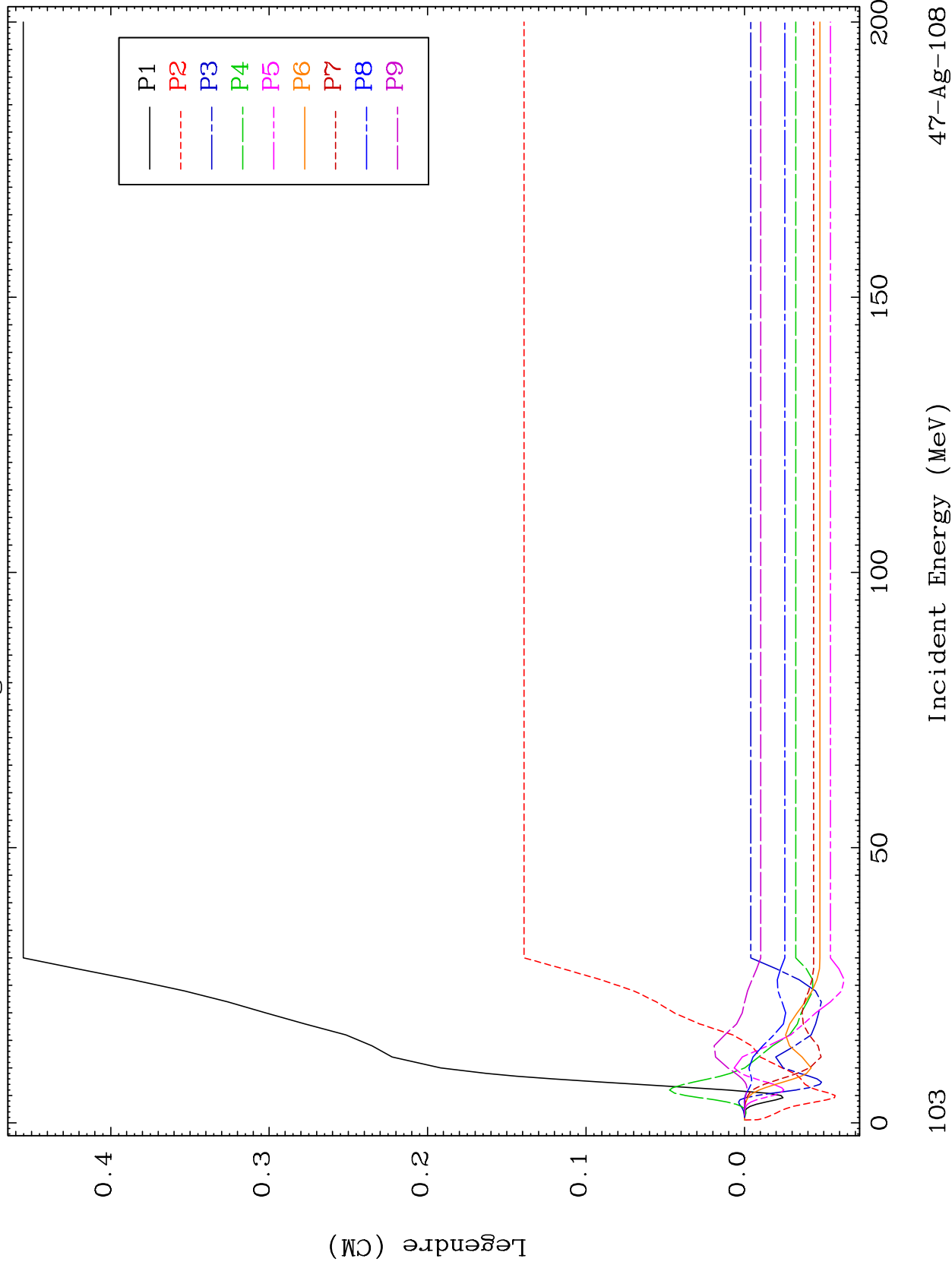
102

47-Ag-108

MAT 4728

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

47-Ag-108



47-Ag-108

Incident Energy (MeV)

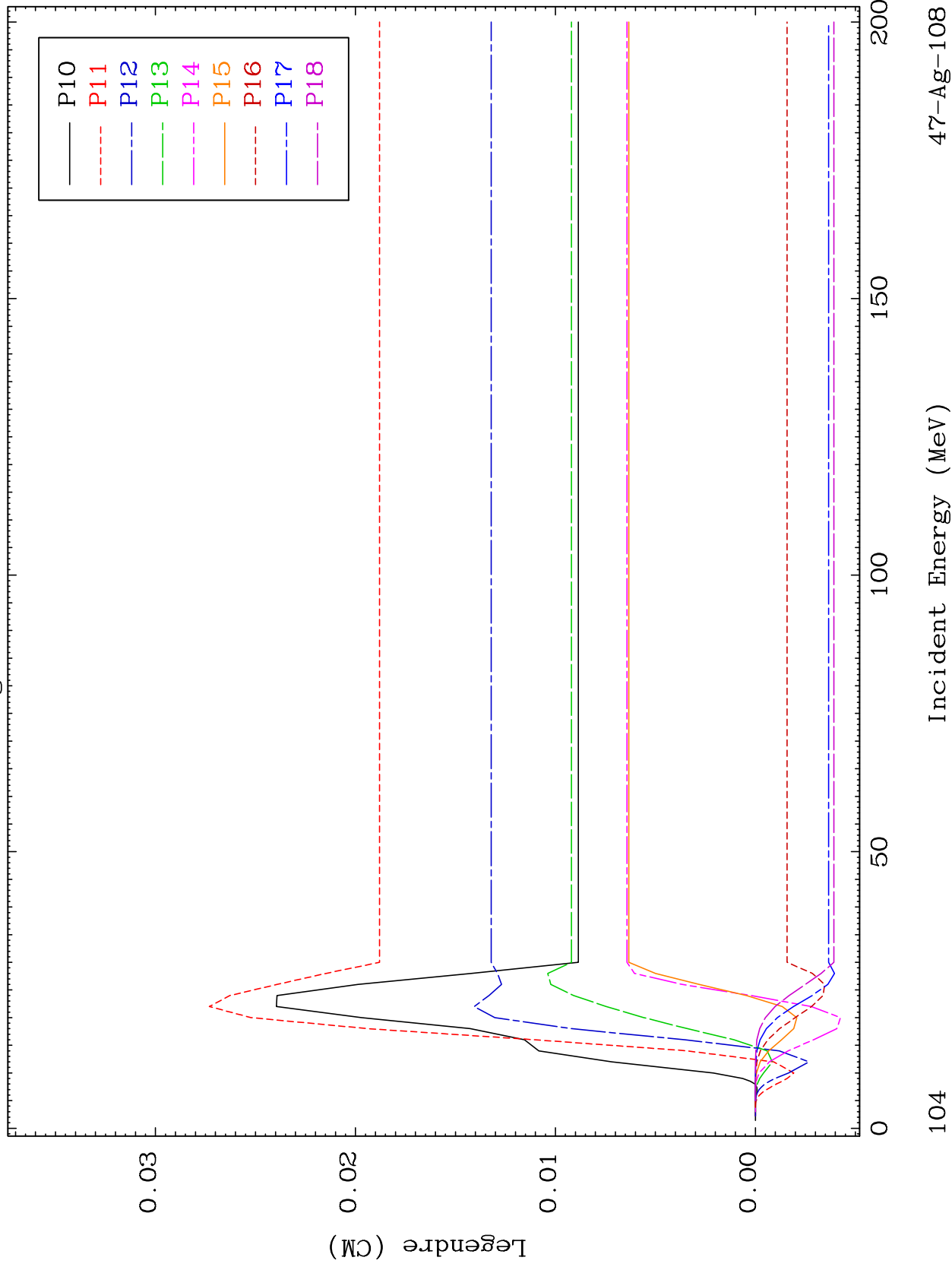
103



MAT 4728

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

47-Ag-108



47-Ag-108

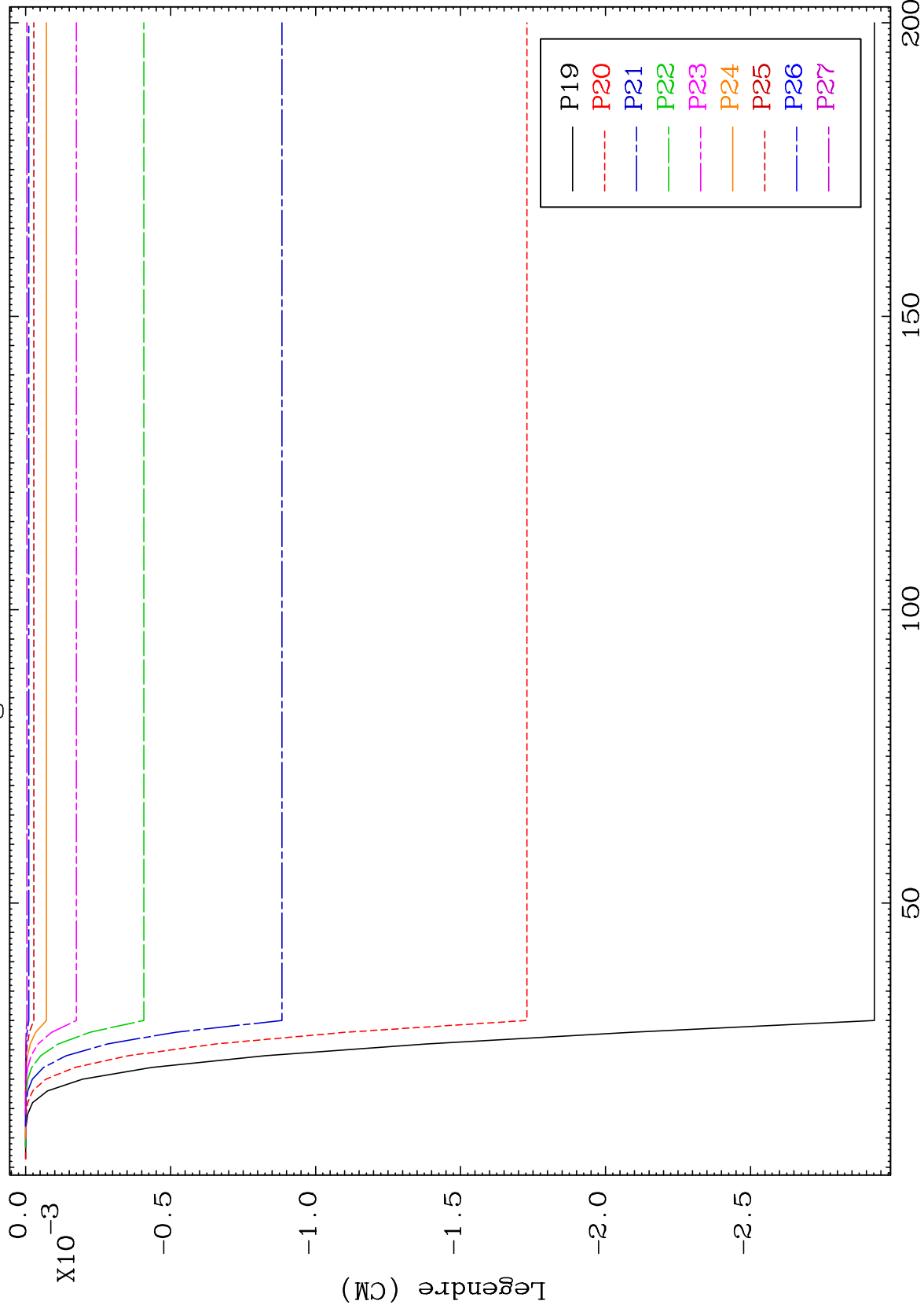
Incident Energy (MeV)

104

MAT 4728

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

47-Ag-108



105

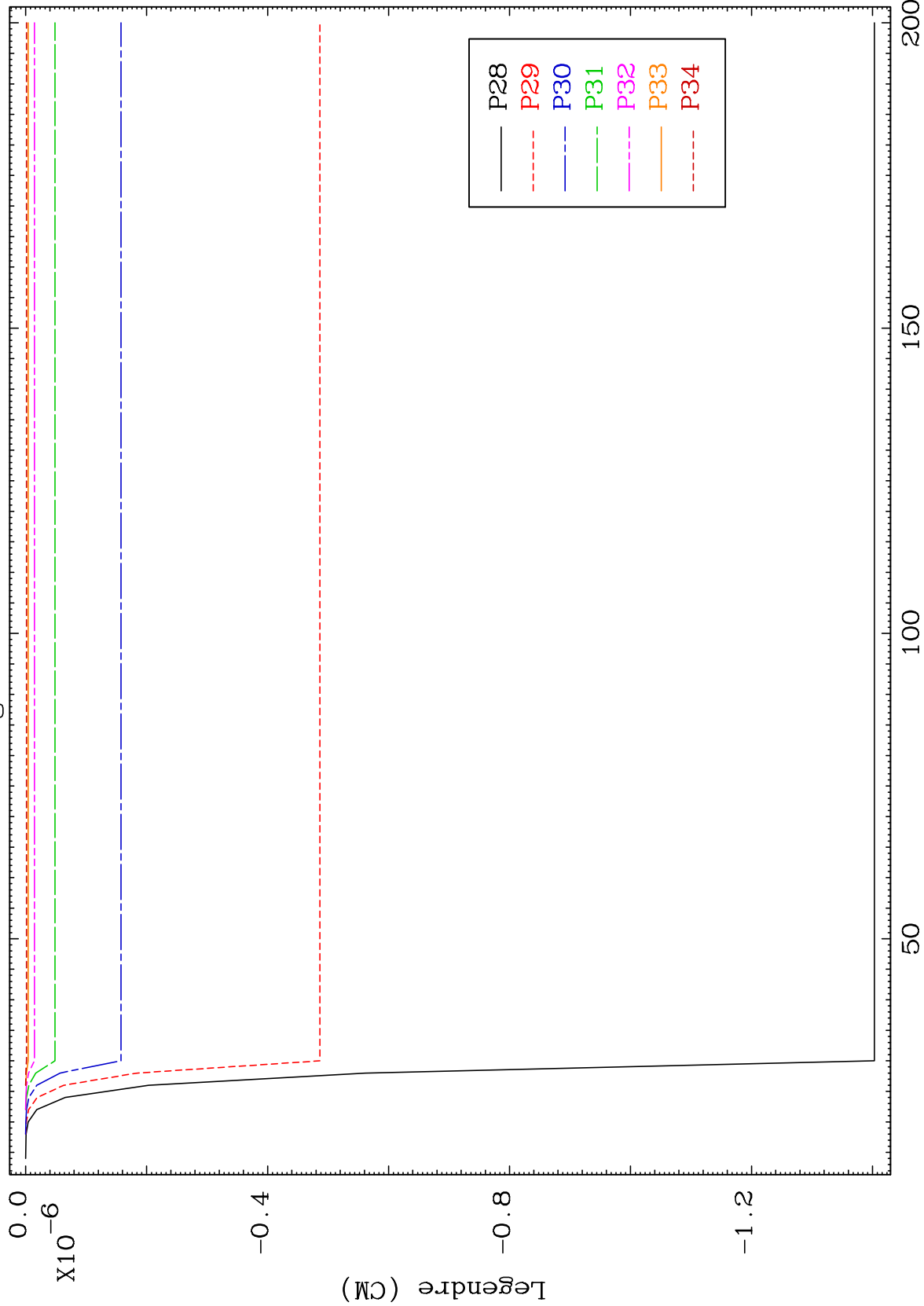
Incident Energy (MeV)

47-Ag-108

MAT 4728

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

47-Ag-108



106

Incident Energy (MeV)

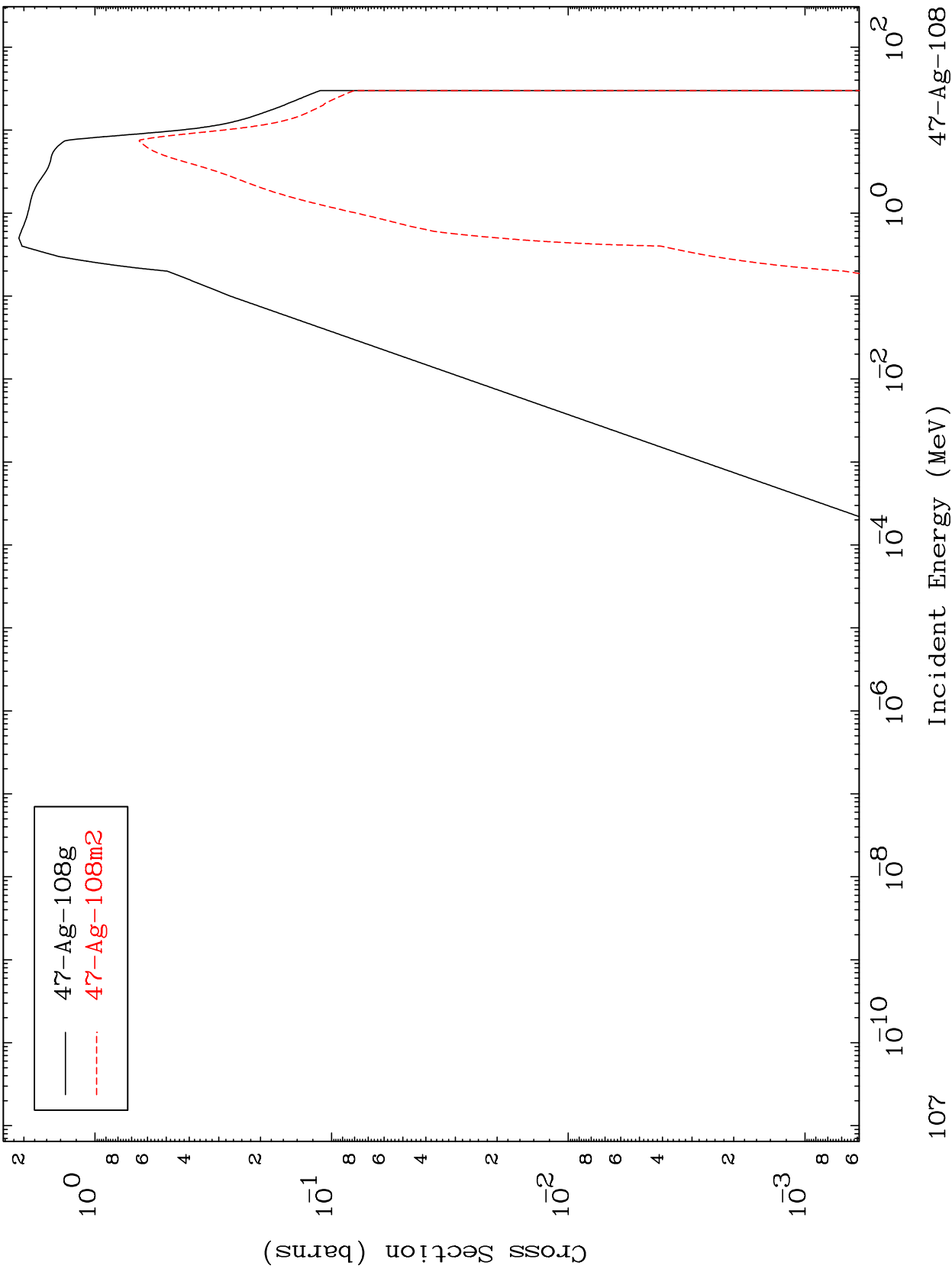
47-Ag-108

MAT 4728

Inelastic

47-Ag-108

Radionuclide Production Cross Section



107

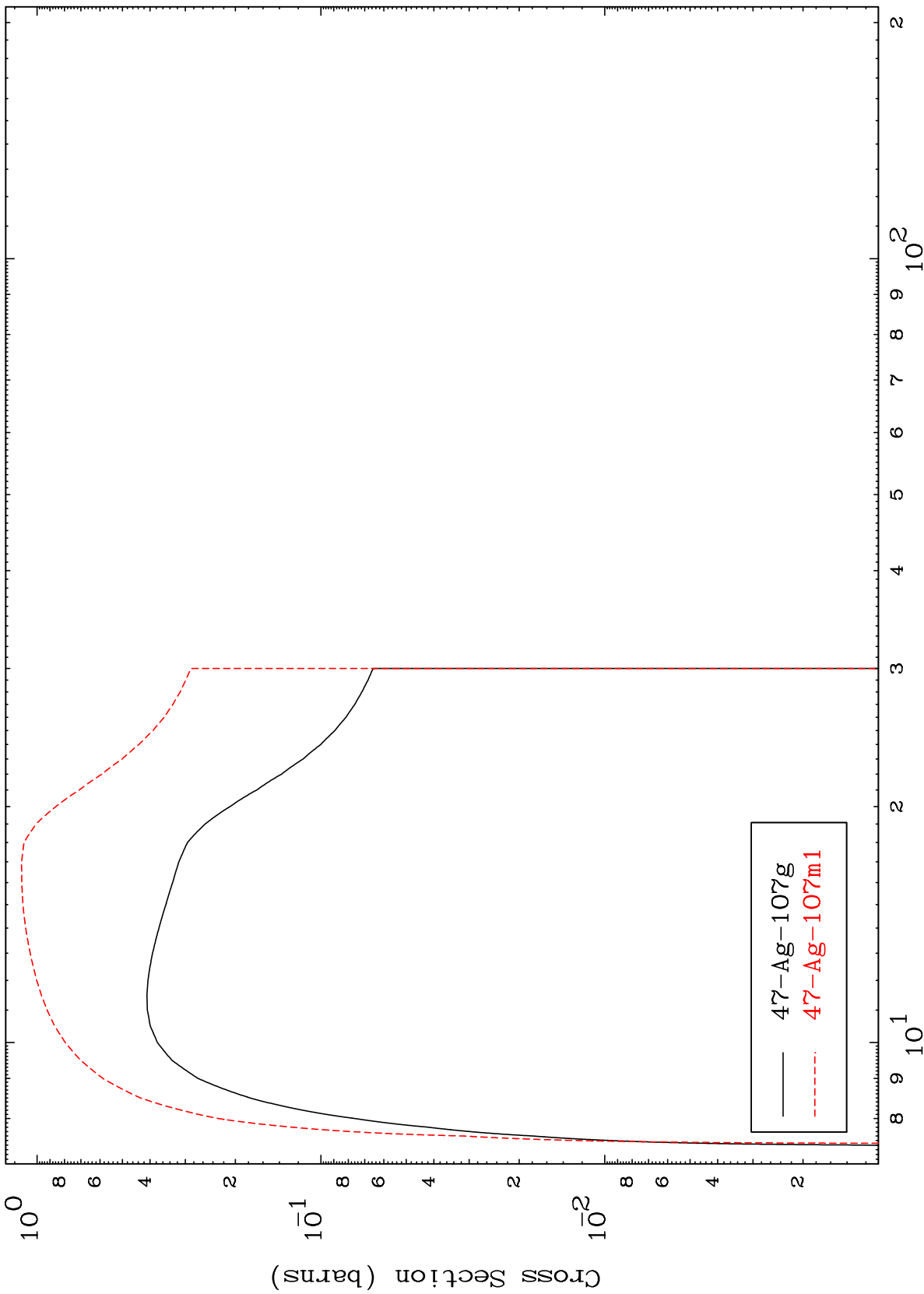
Incident Energy (MeV)

47-Ag-108

MAT 4728

47-Ag-108

(n,2n)  
Radionuclide Production Cross Section

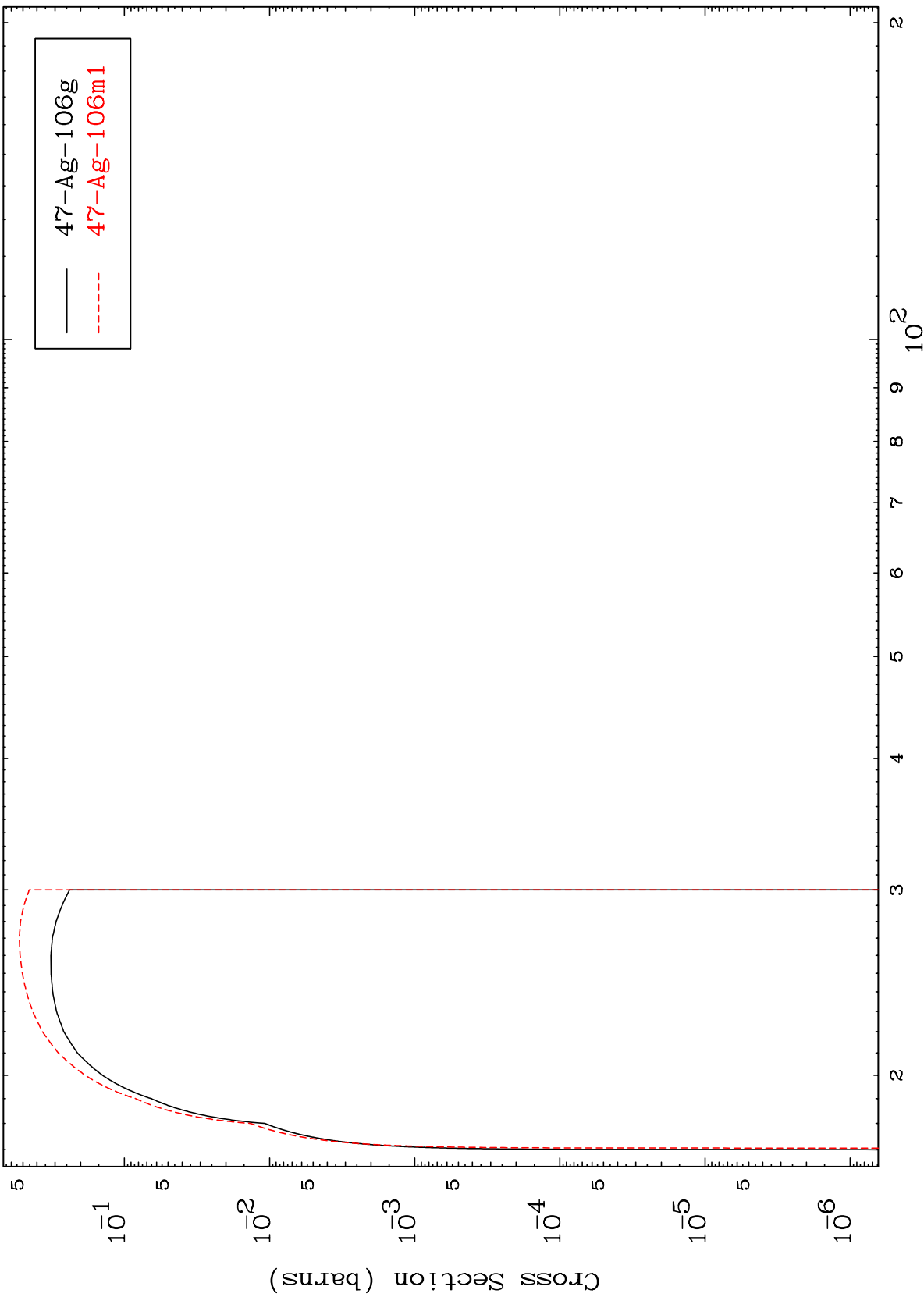


108

Incident Energy (MeV)

47-Ag-108

(n,3n)  
Radionuclide Production Cross Section



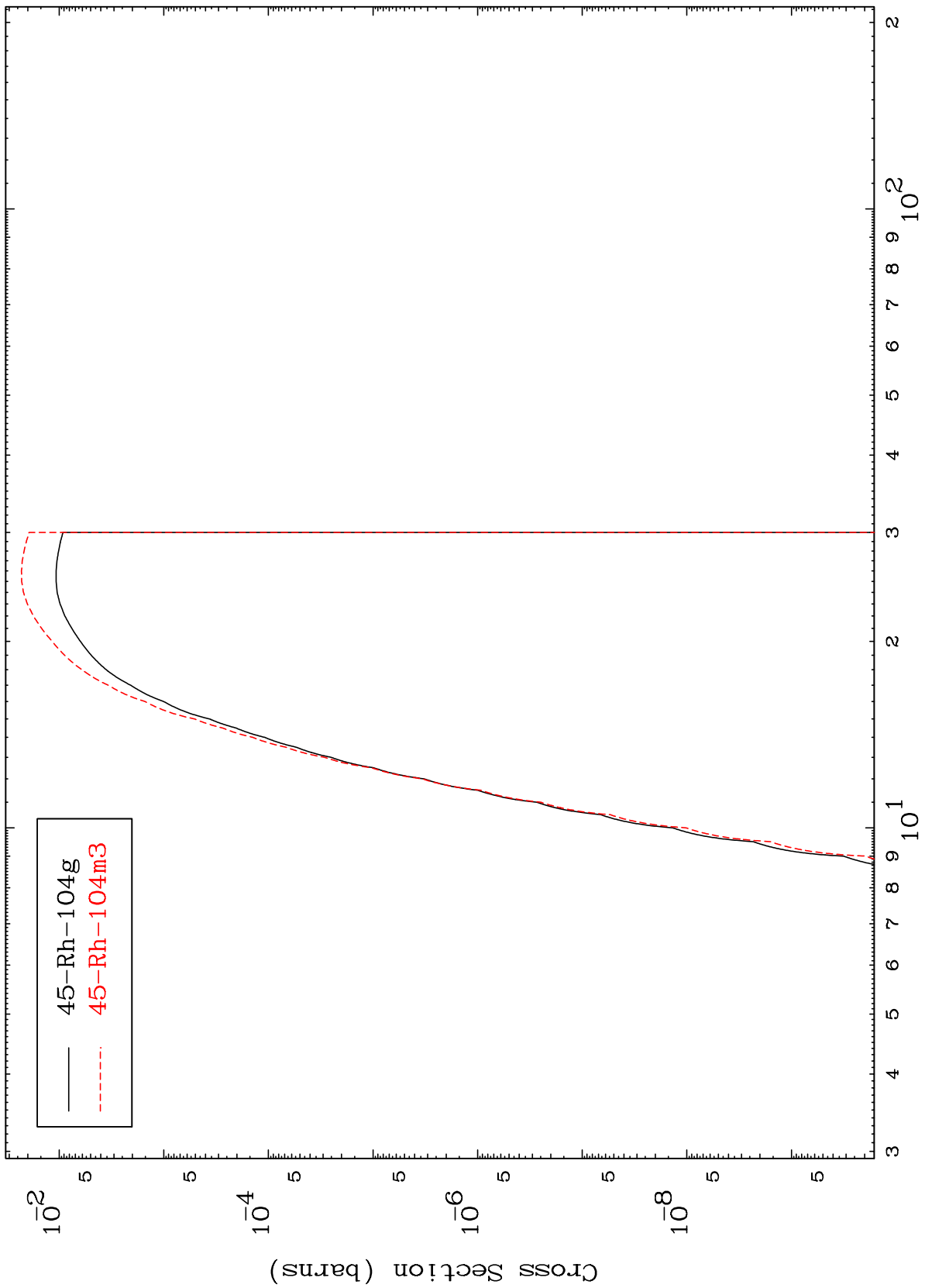
47-Ag-106g  
47-Ag-106m1

MAT 4728

47-Ag-108

(n,n')  $\alpha$

Radionuclide Production Cross Section



110

Incident Energy (MeV)

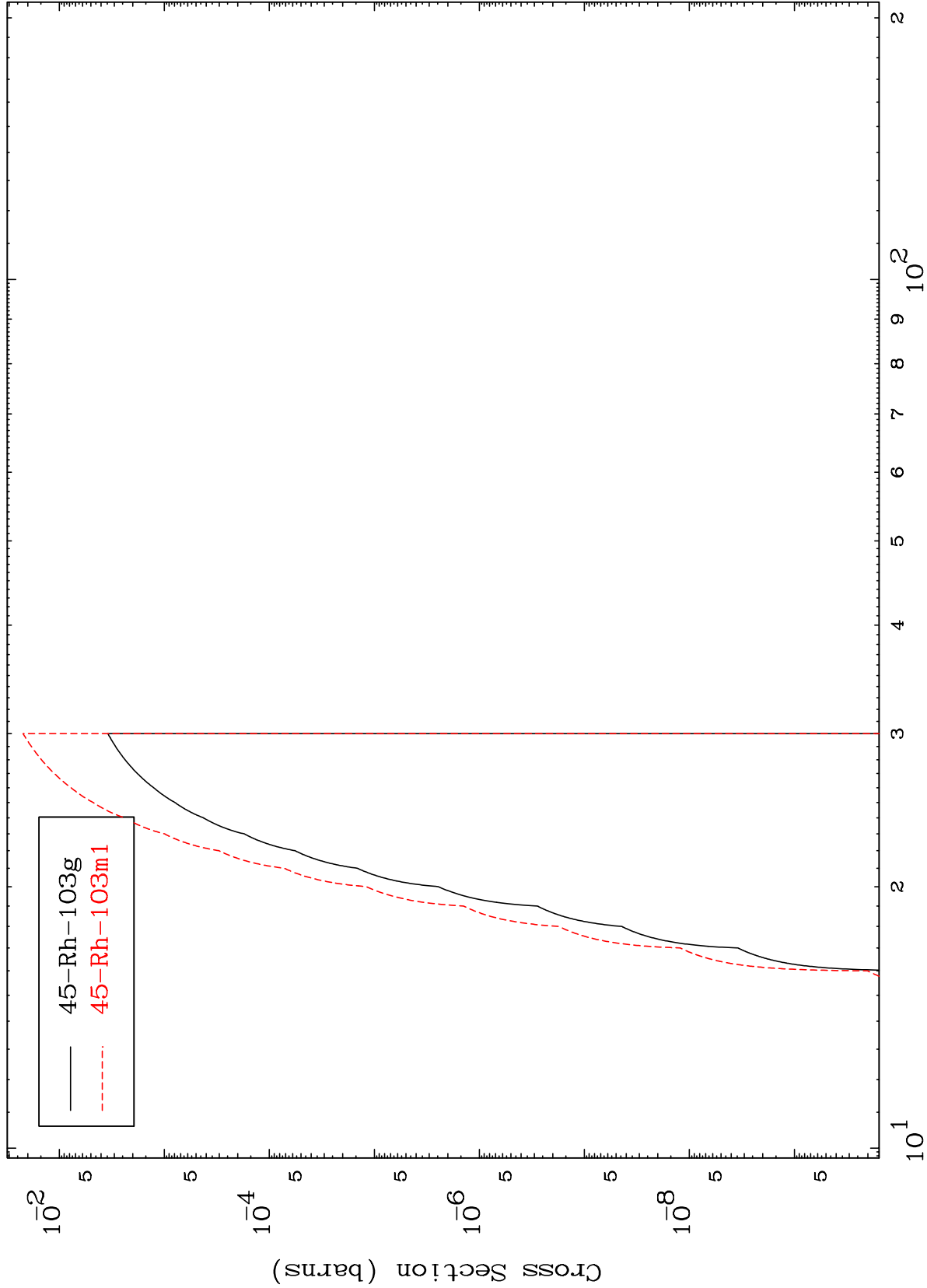
47-Ag-108

MAT 4728

47-Ag-108

(n,2n)  $\alpha$

Radionuclide Production Cross Section



111

Incident Energy (MeV)

47-Ag-108

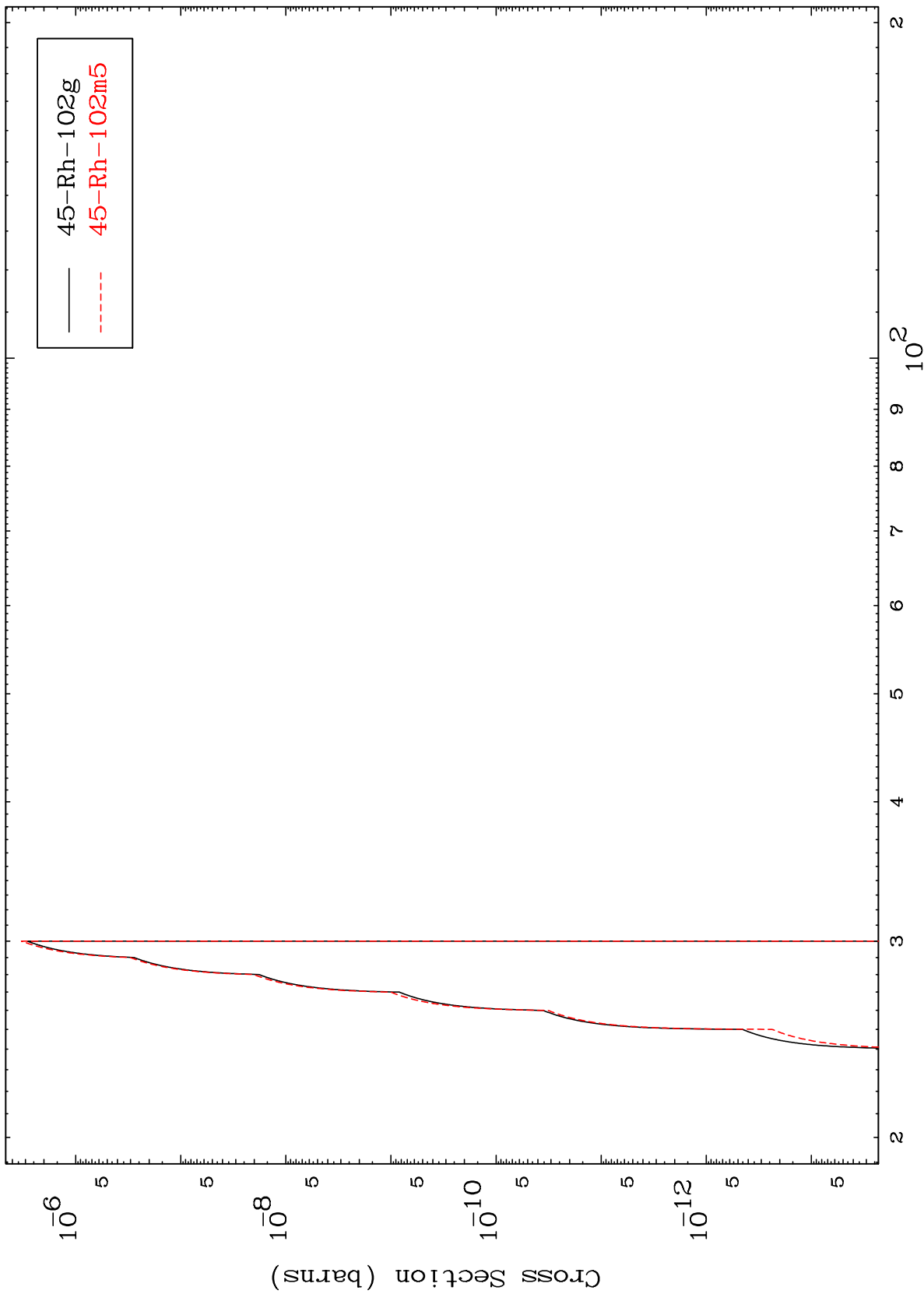


MAT 4728

(n,3n)  $\alpha$

47-Ag-108

Radionuclide Production Cross Section



112

Incident Energy (MeV)

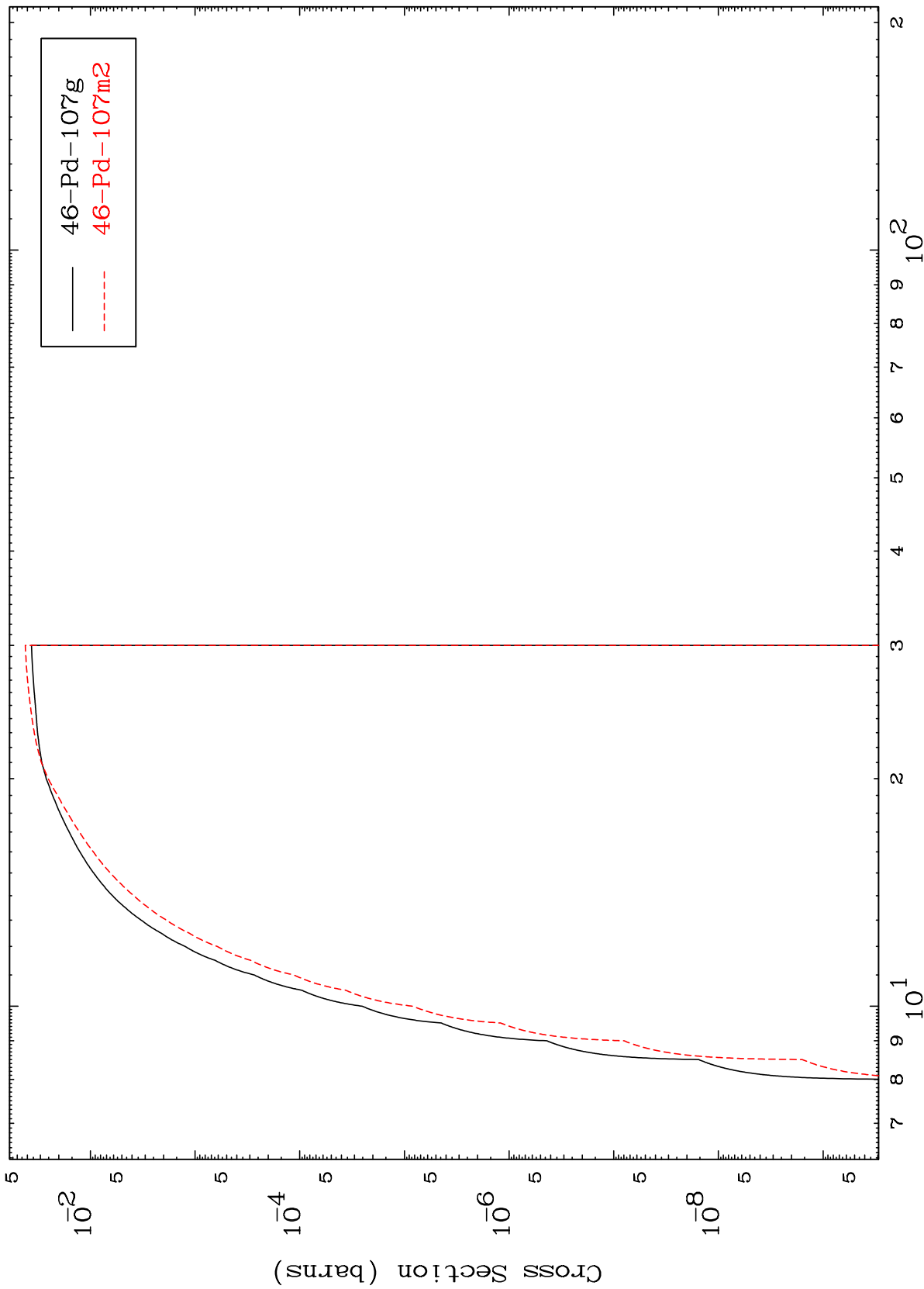
47-Ag-108

MAT 4728

(n,n') p

47-Ag-108

Radionuclide Production Cross Section



113

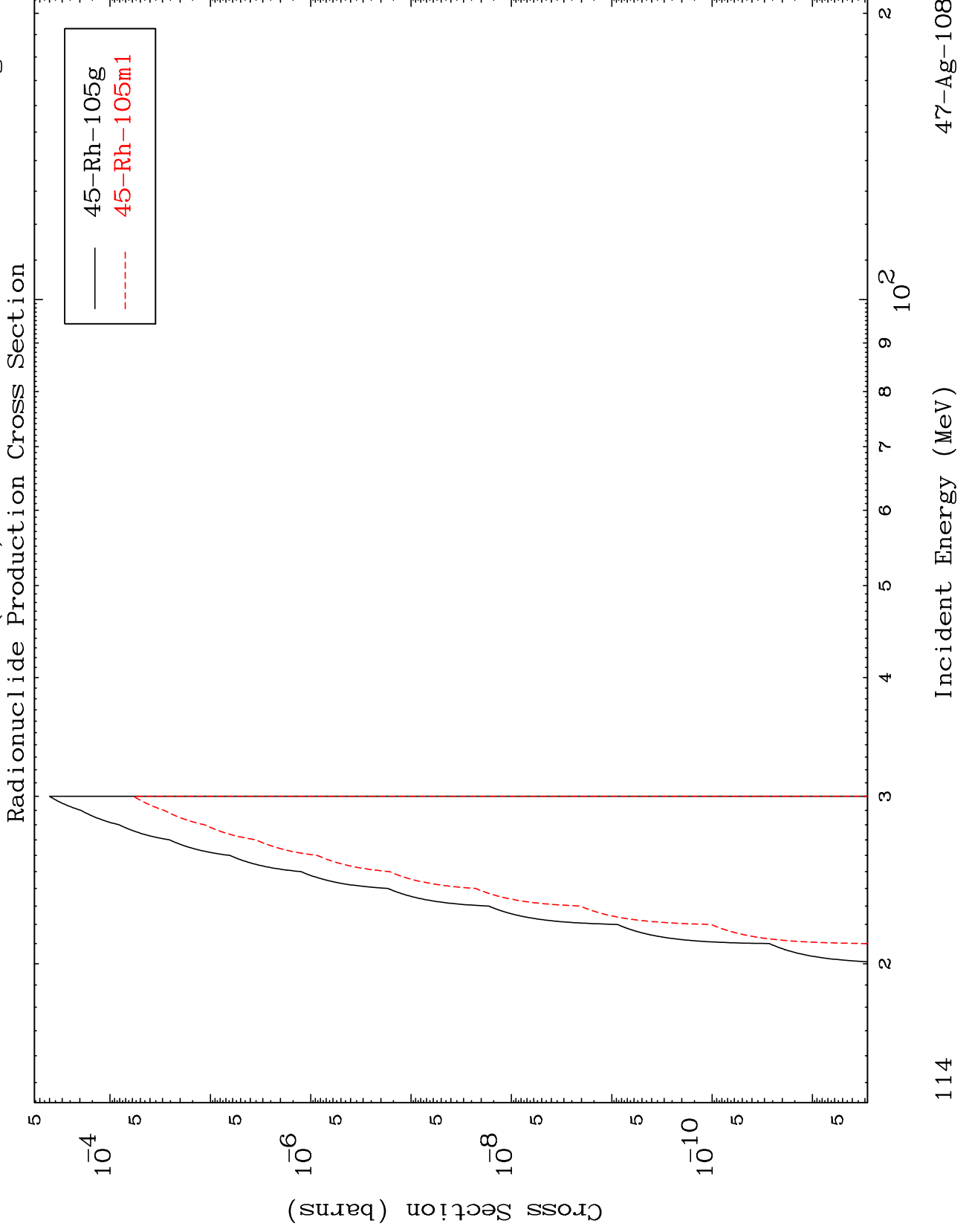
Incident Energy (MeV)

47-Ag-108

MAT 4728

(n,n') He-3

47-Ag-108



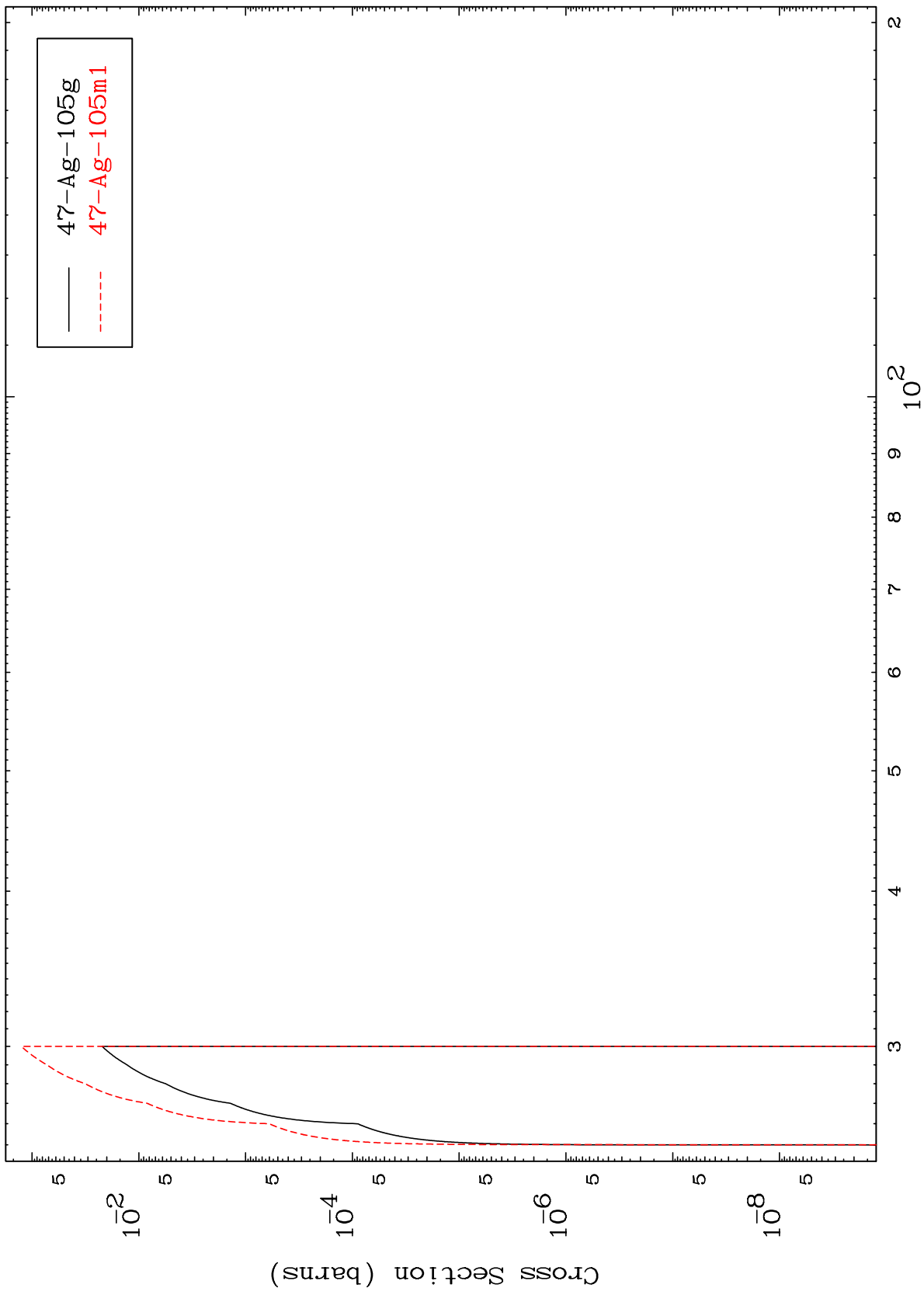
114

47-Ag-108

MAT 4728

47-Ag-108

(n,4n)  
Radionuclide Production Cross Section

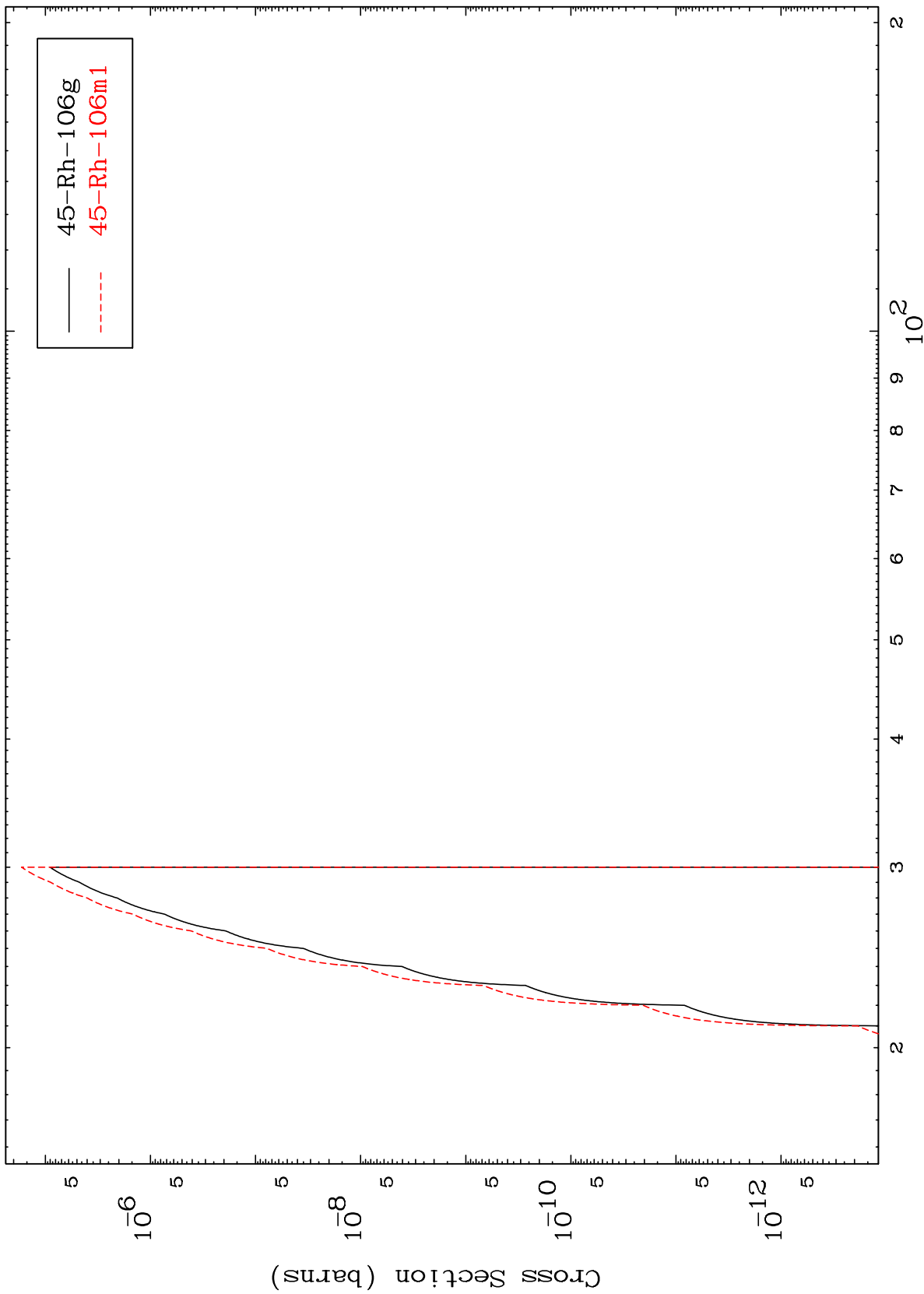


115

Incident Energy (MeV)

47-Ag-108

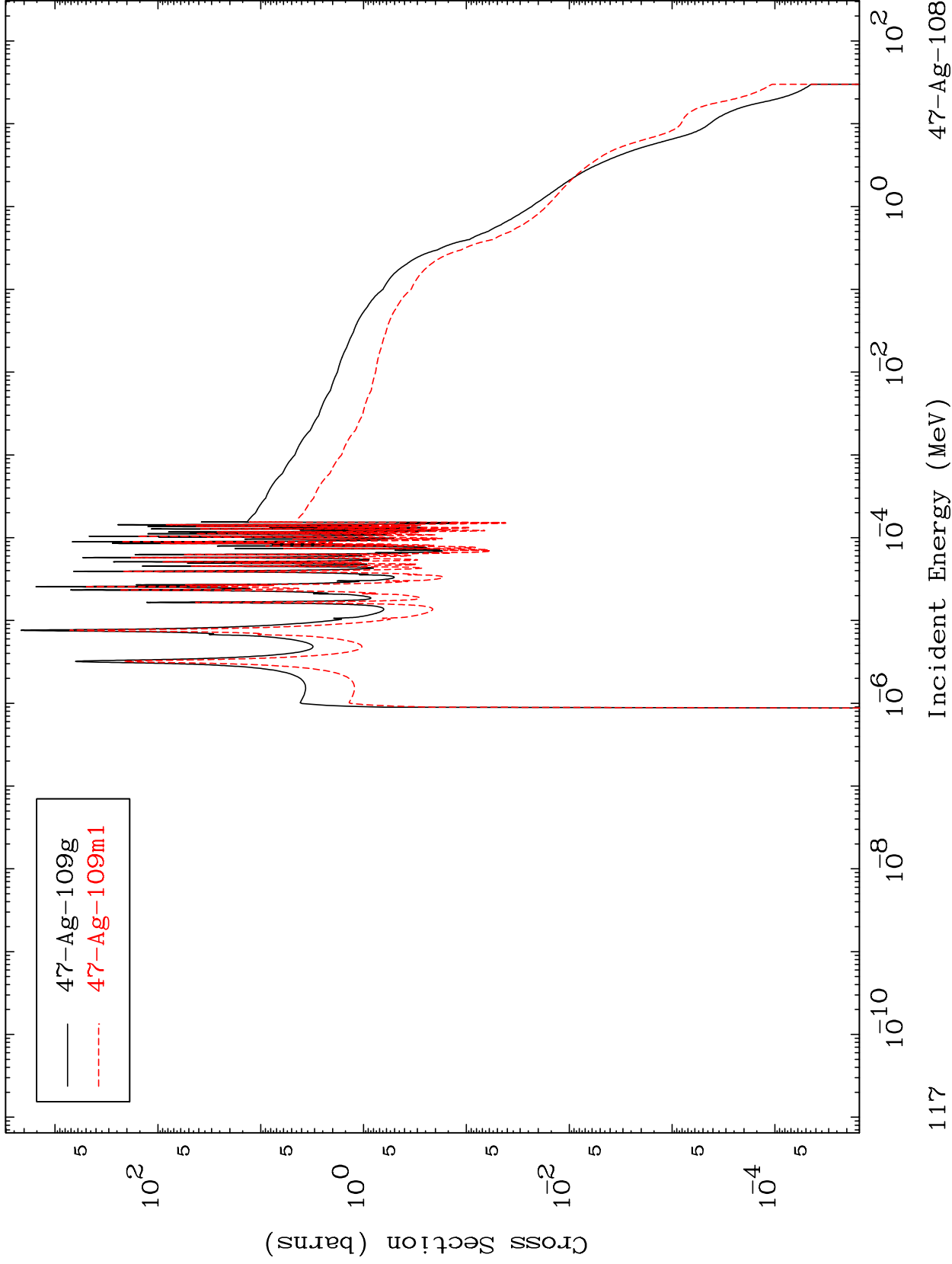
(n,2n) p  
Radionuclide Production Cross Section



MAT 4728

47-Ag-108

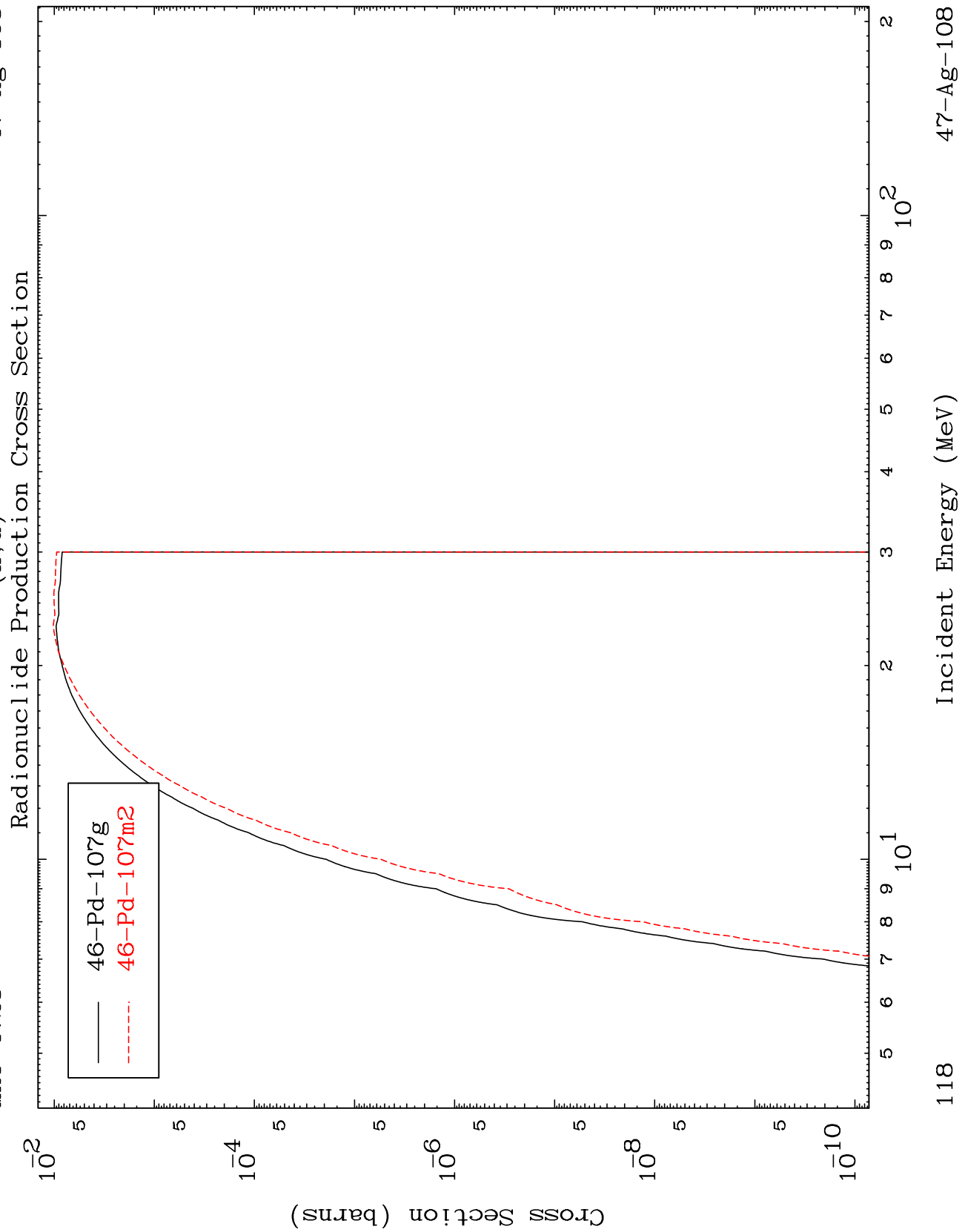
(n,  $\gamma$ )  
Radionuclide Production Cross Section



117

MAT 4728

47-Ag-108

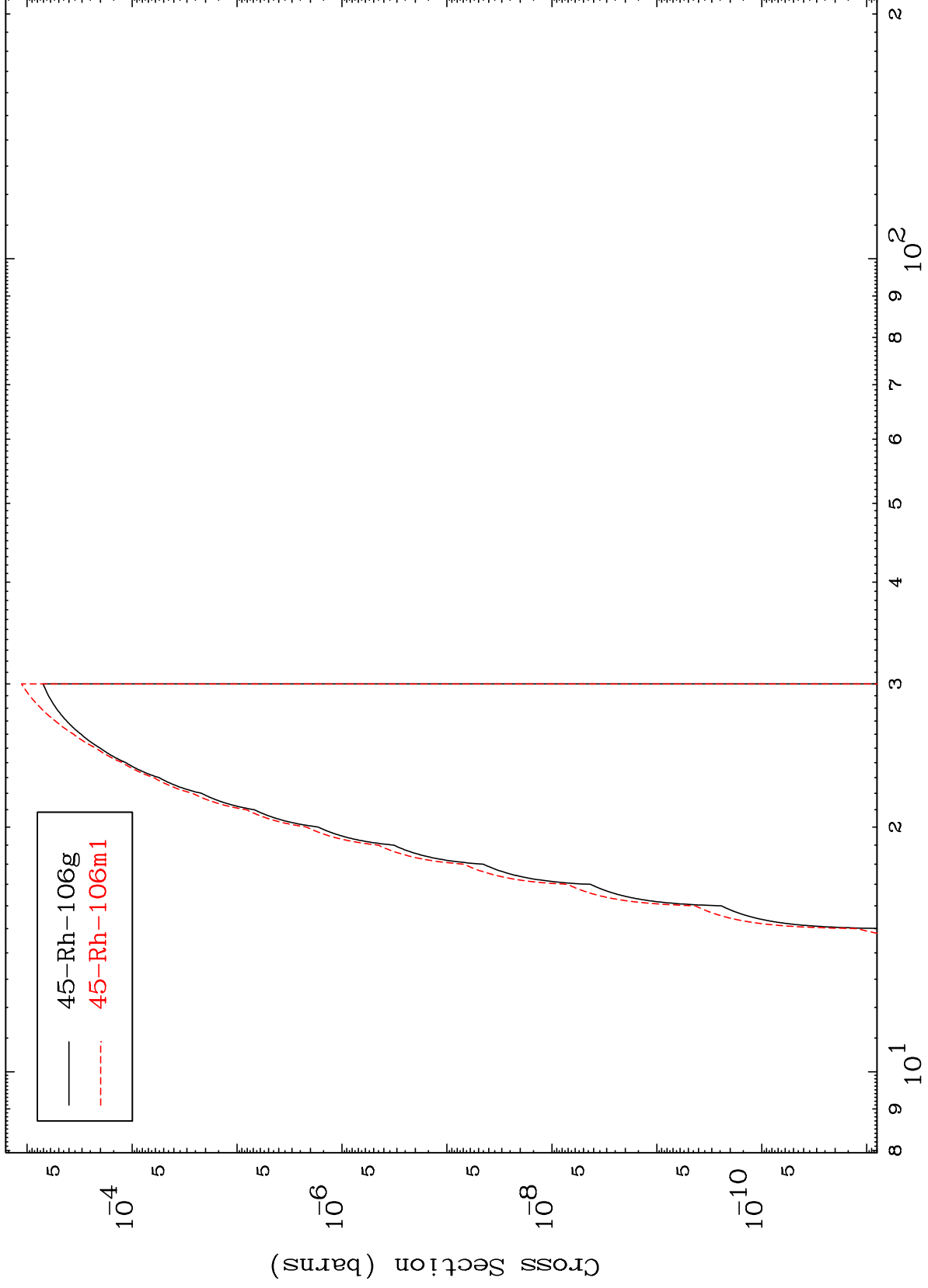


MAT 4728

(n,He-3)

47-Ag-108

Radionuclide Production Cross Section



119

Incident Energy (MeV)

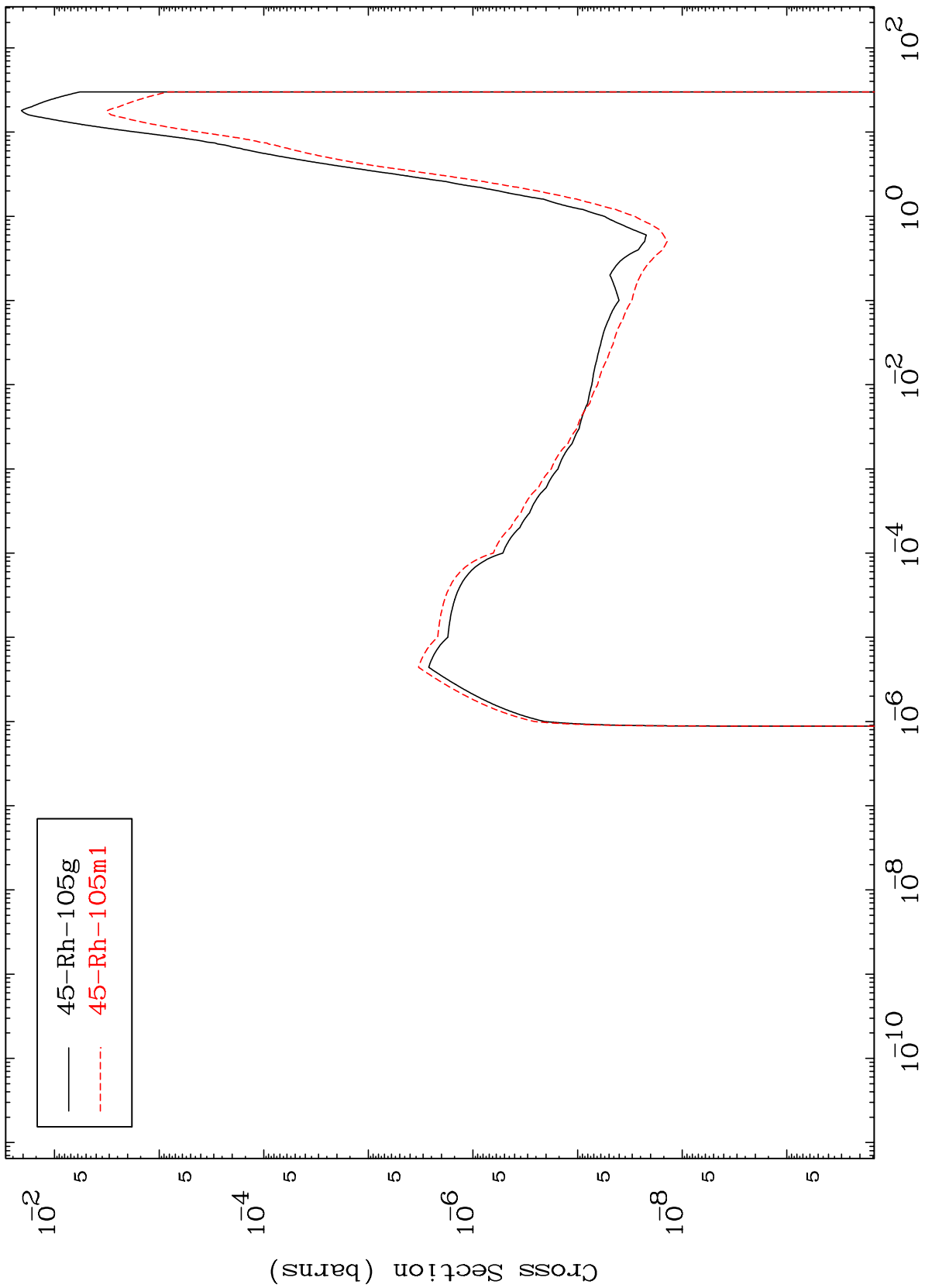
47-Ag-108



MAT 4728

47-Ag-108

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



— 45-Rh-105g  
- - - 45-Rh-105m1

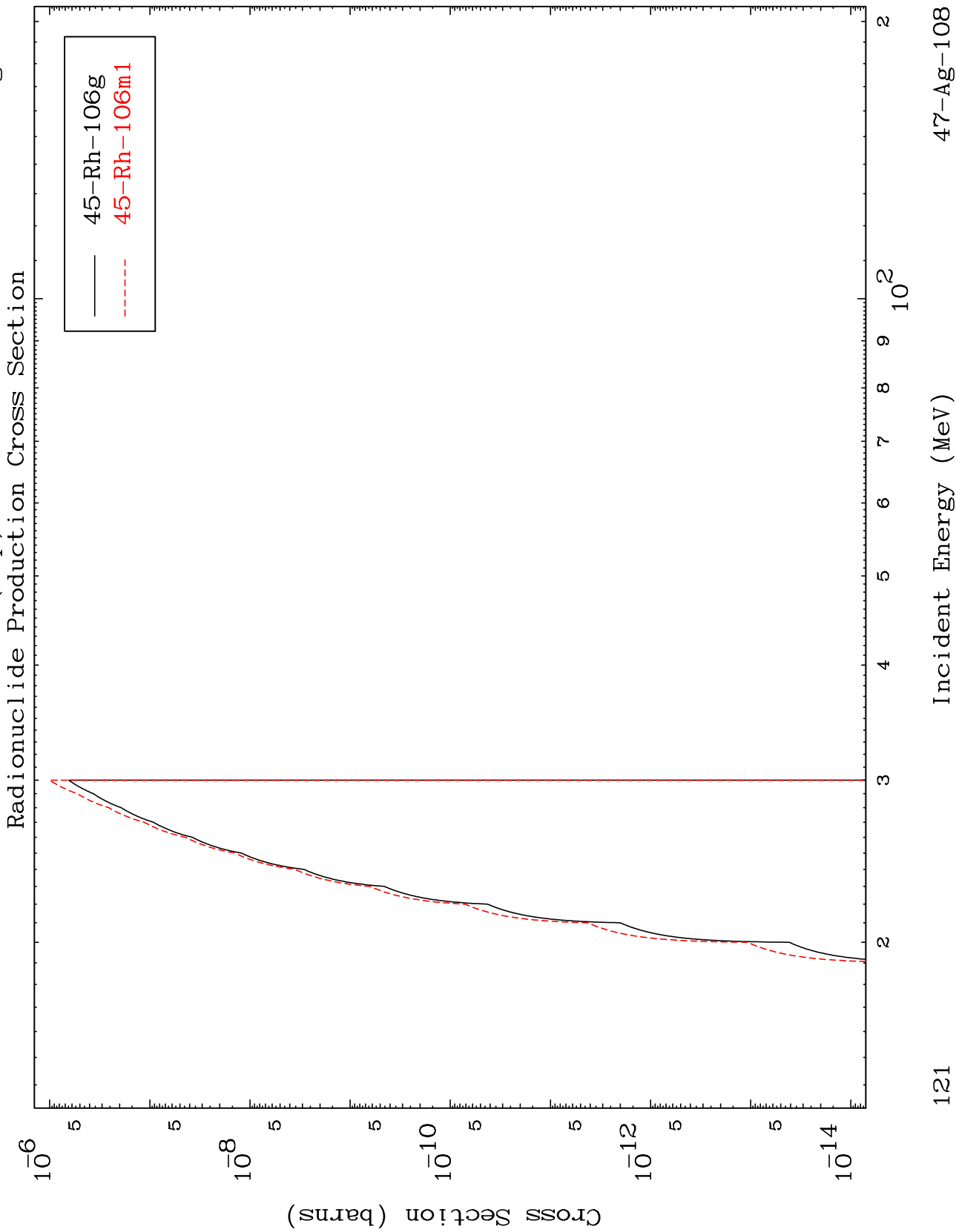
120

47-Ag-108

MAT 4728

(n,p) d

47-Ag-108



121

47-Ag-108

Radionuclide Production Cross Section

