

Program EVALPLOT  
(Version 2018-1)

by

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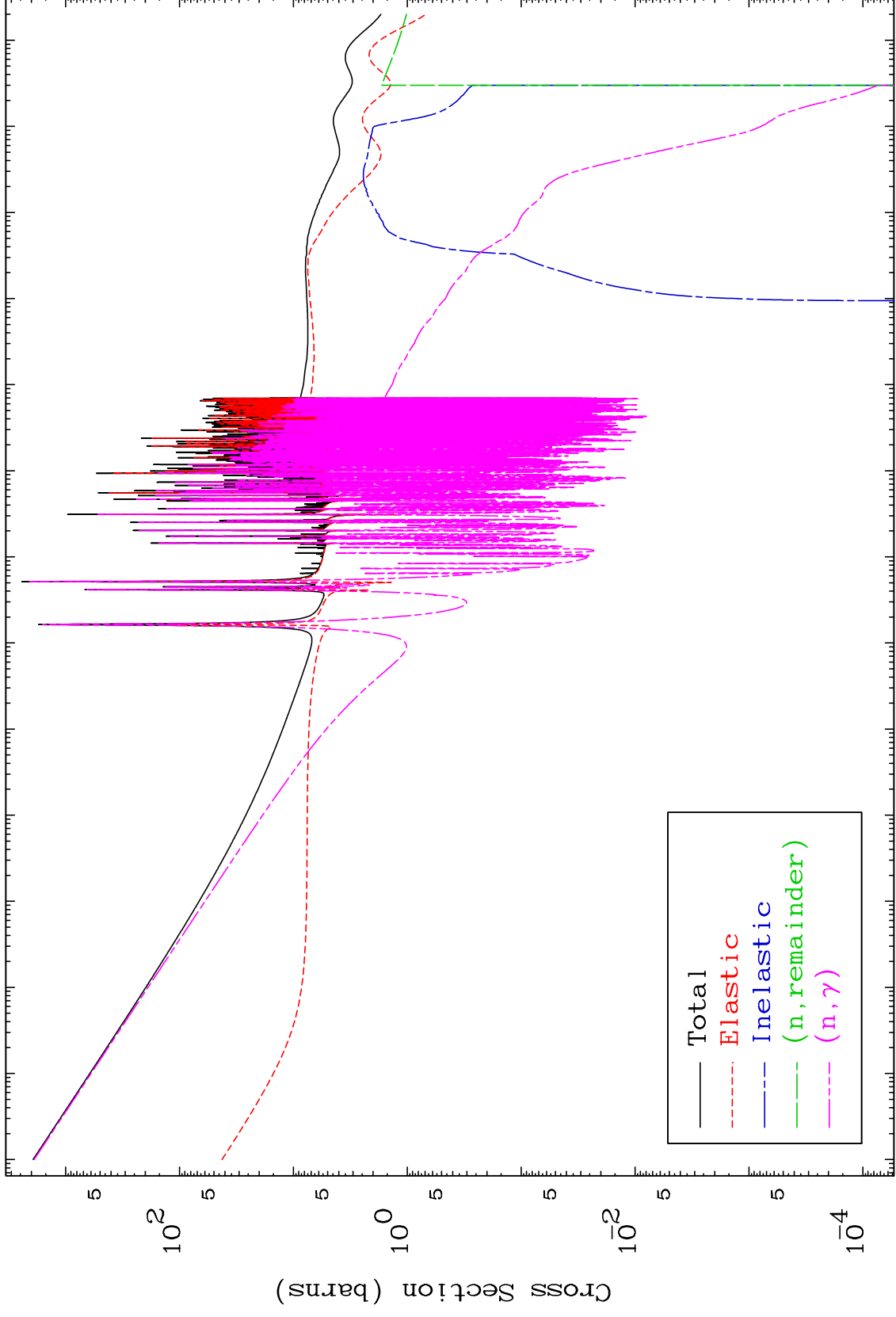
Press Mouse Button to Start

MAT 4725

Major

293 Kelvin Cross Sections

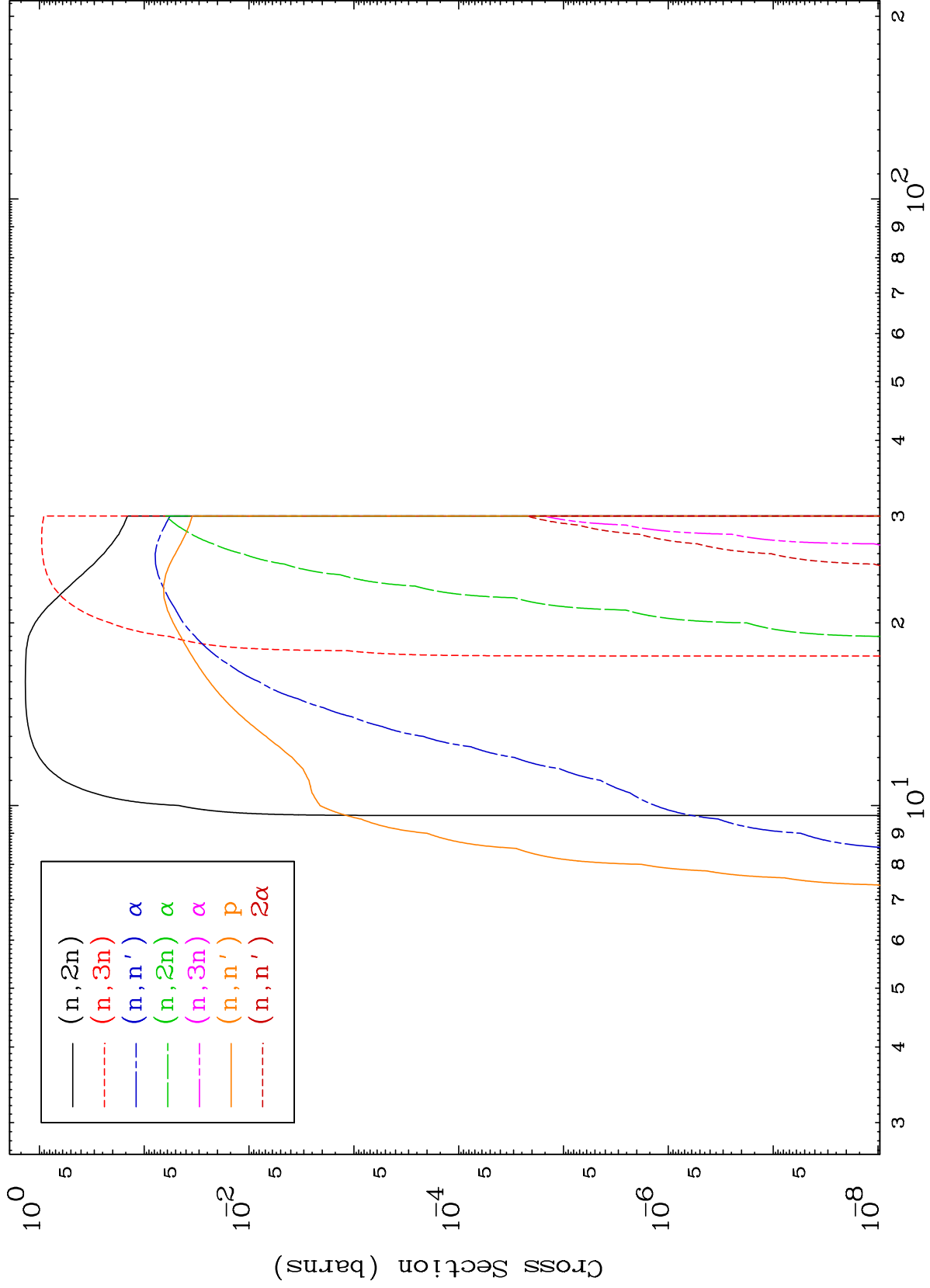
47-Ag-107



MAT 4725

Neutron Production  
293 Kelvin Cross Sections

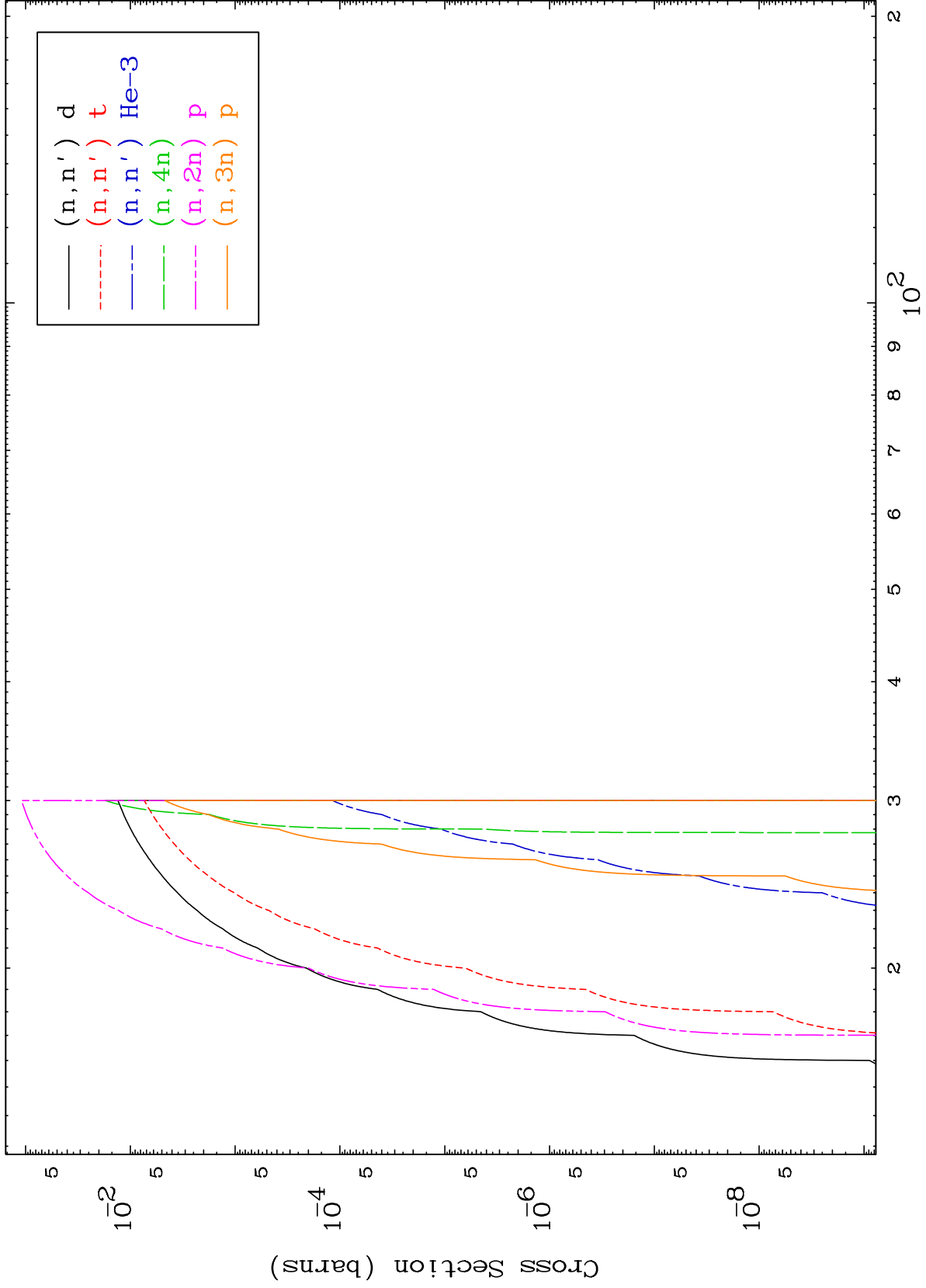
47-Ag-107



2

Incident Energy (MeV)

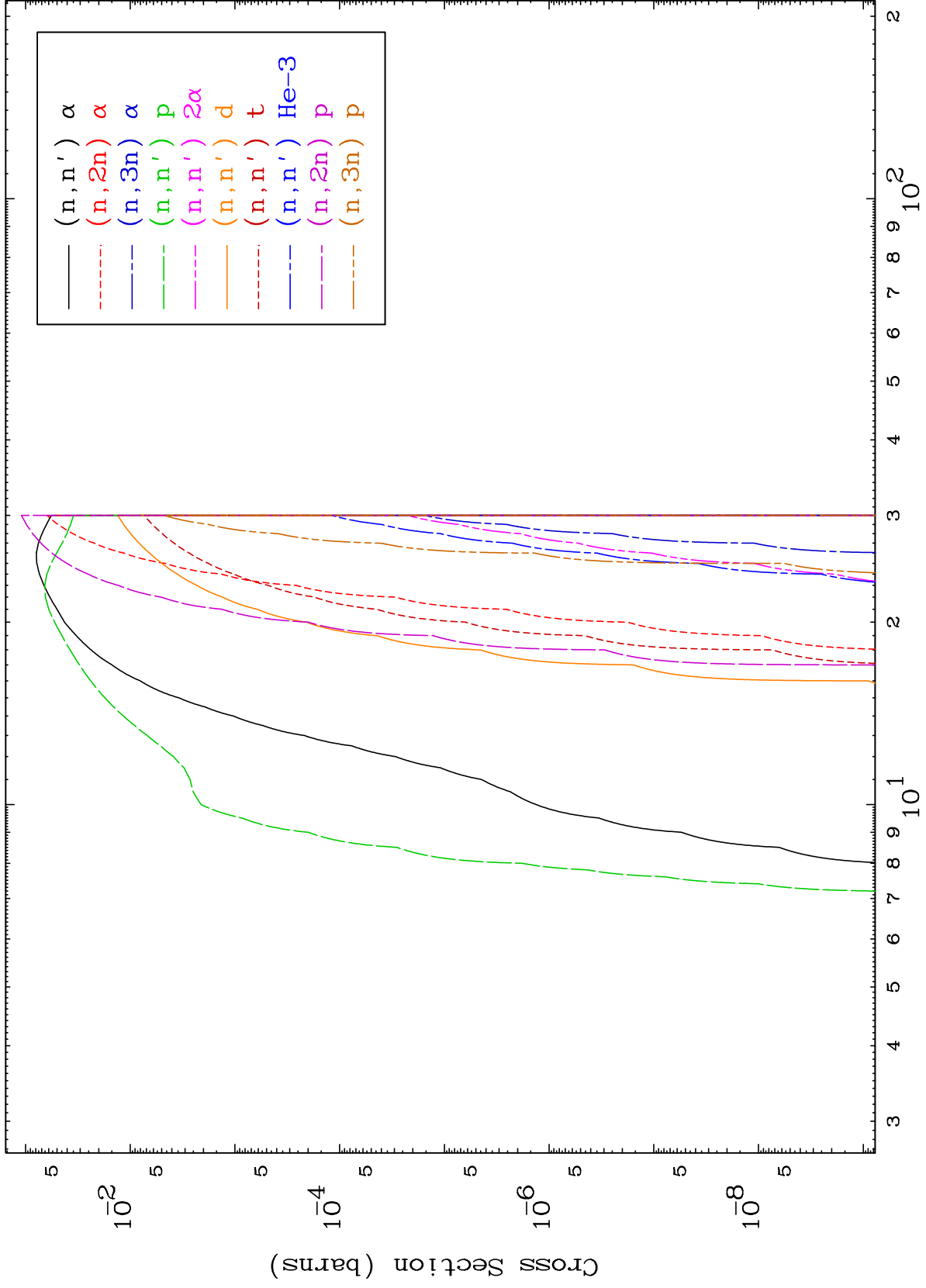
47-Ag-107



MAT 4725

Charged Particle  
293 Kelvin Cross Sections

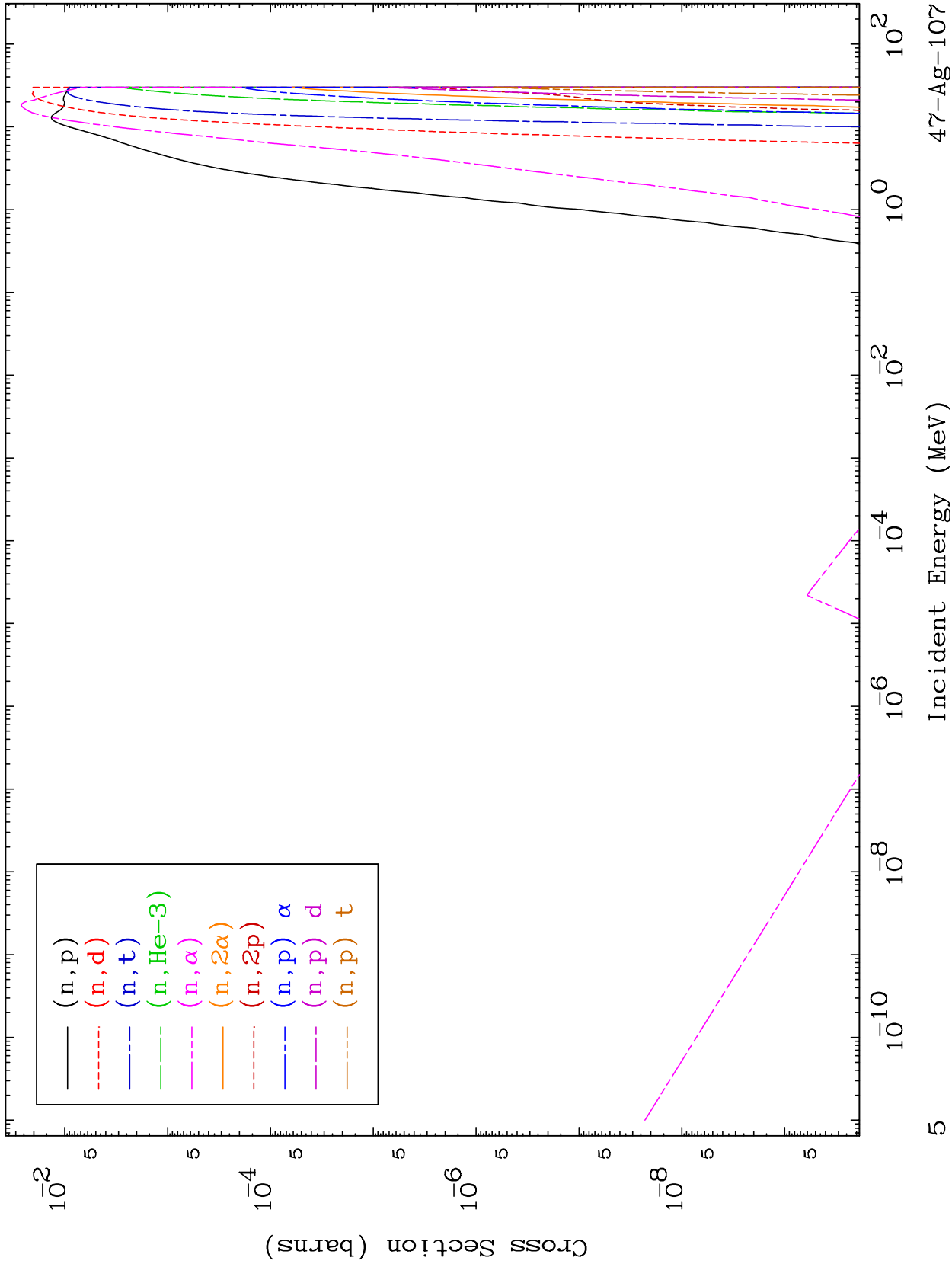
47-Ag-107



4

Incident Energy (MeV)

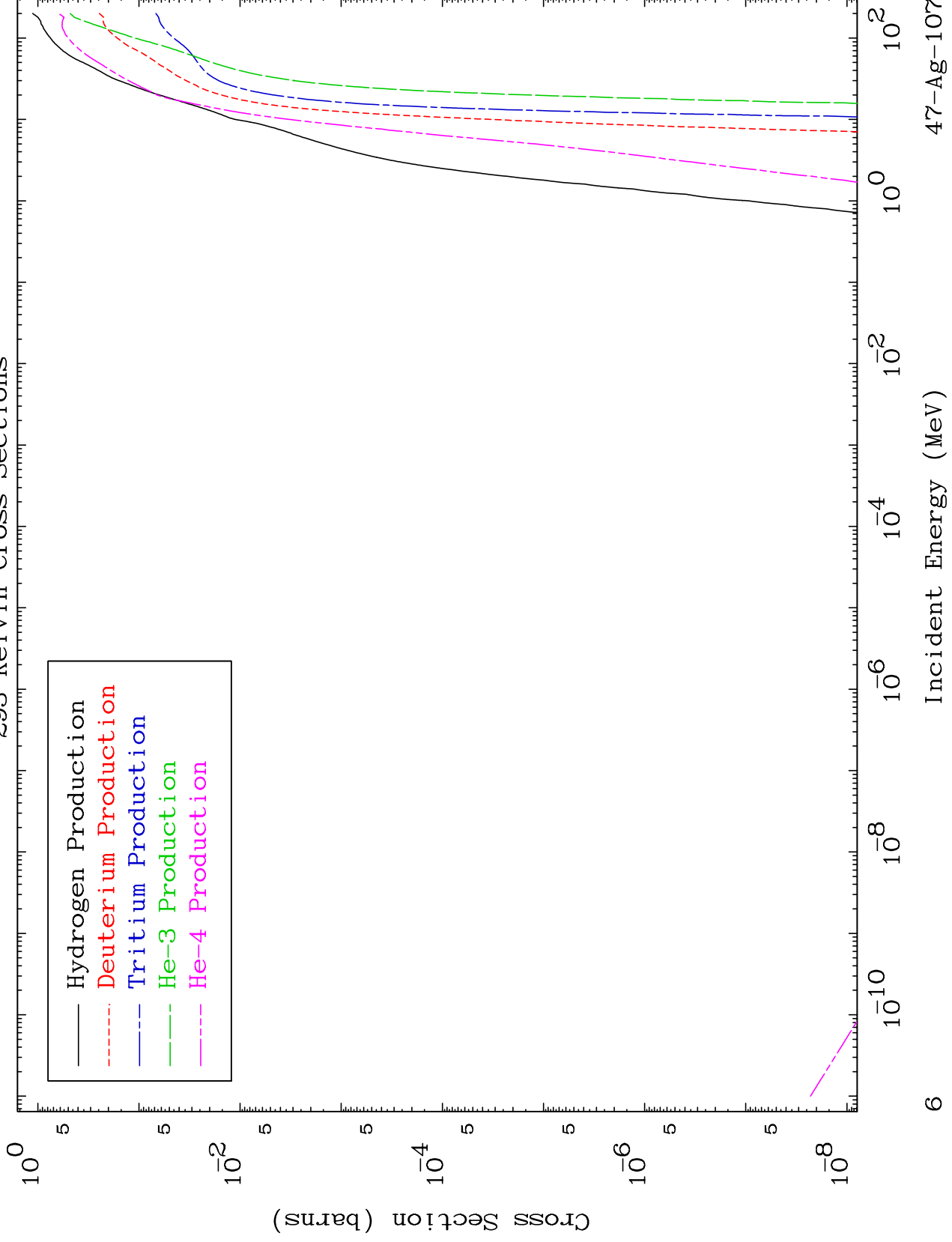
47-Ag-107



MAT 4725

Particle Production  
293 Kelvin Cross Sections

47-Ag-107

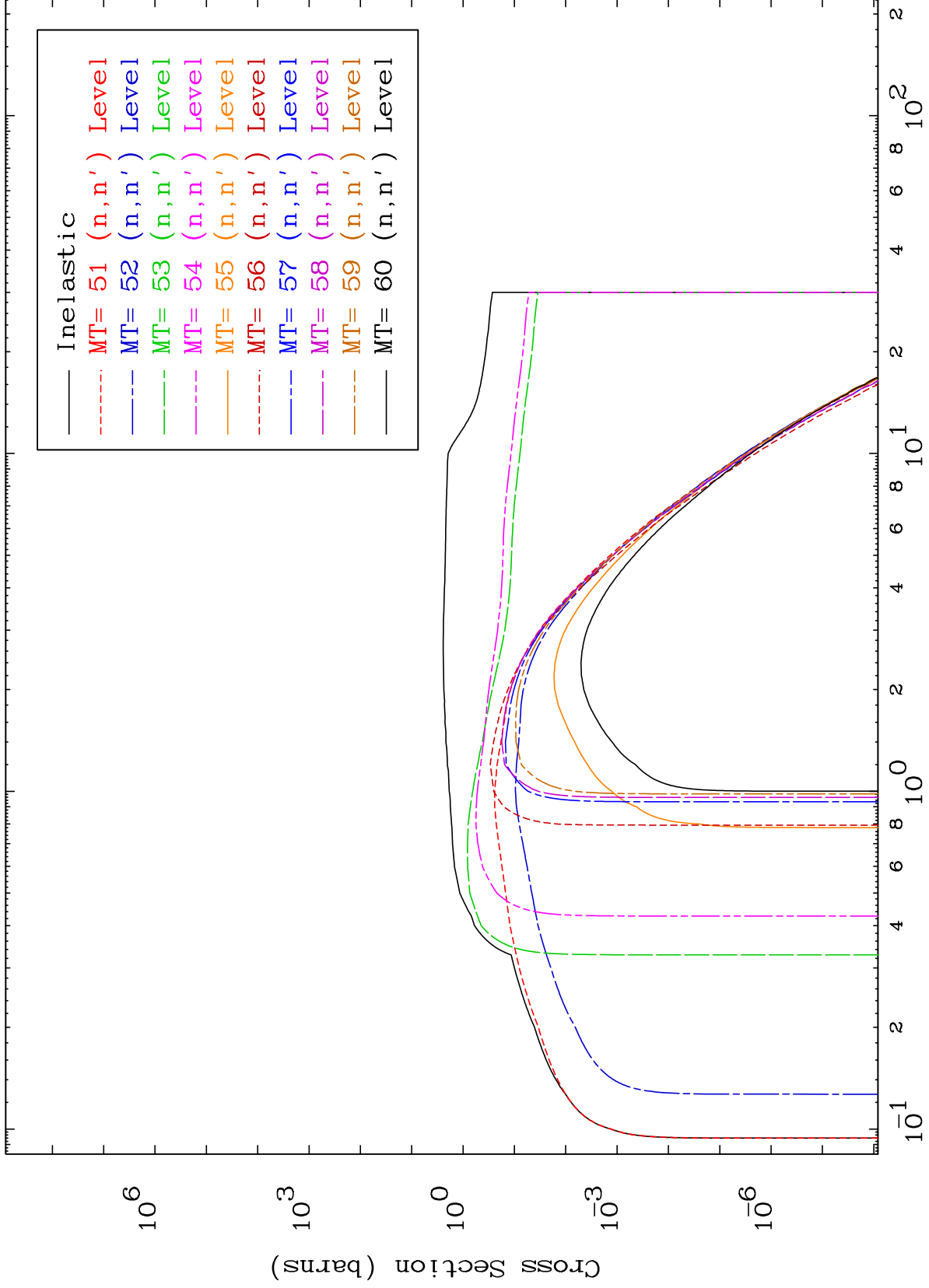


MAT 4725

(n,n') Level

47-Ag-107

293 Kelvin Cross Sections



Incident Energy (MeV)

47-Ag-107

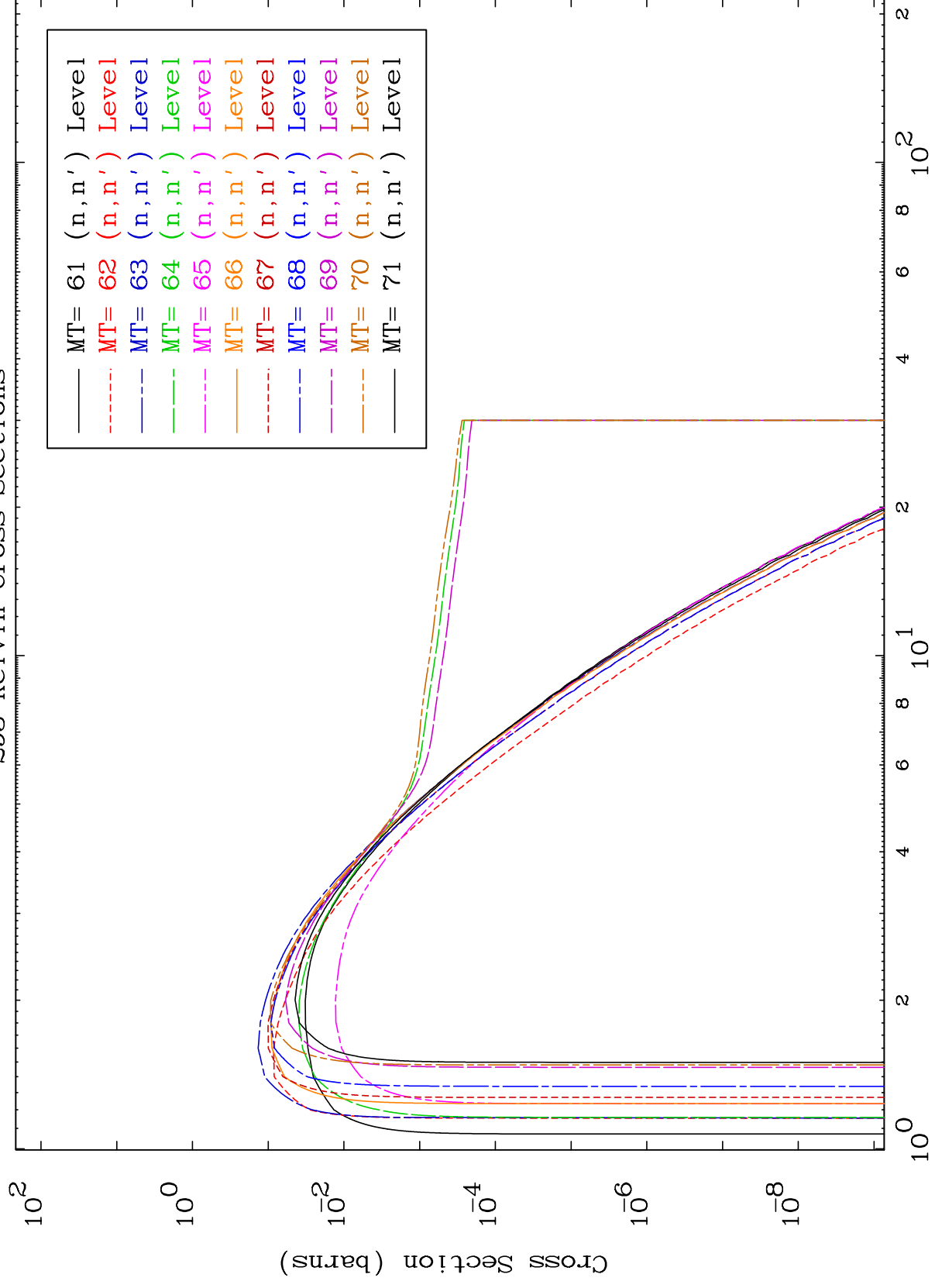


MAT 4725

(n,n') Level

47-Ag-107

293 Kelvin Cross Sections



Incident Energy (MeV)

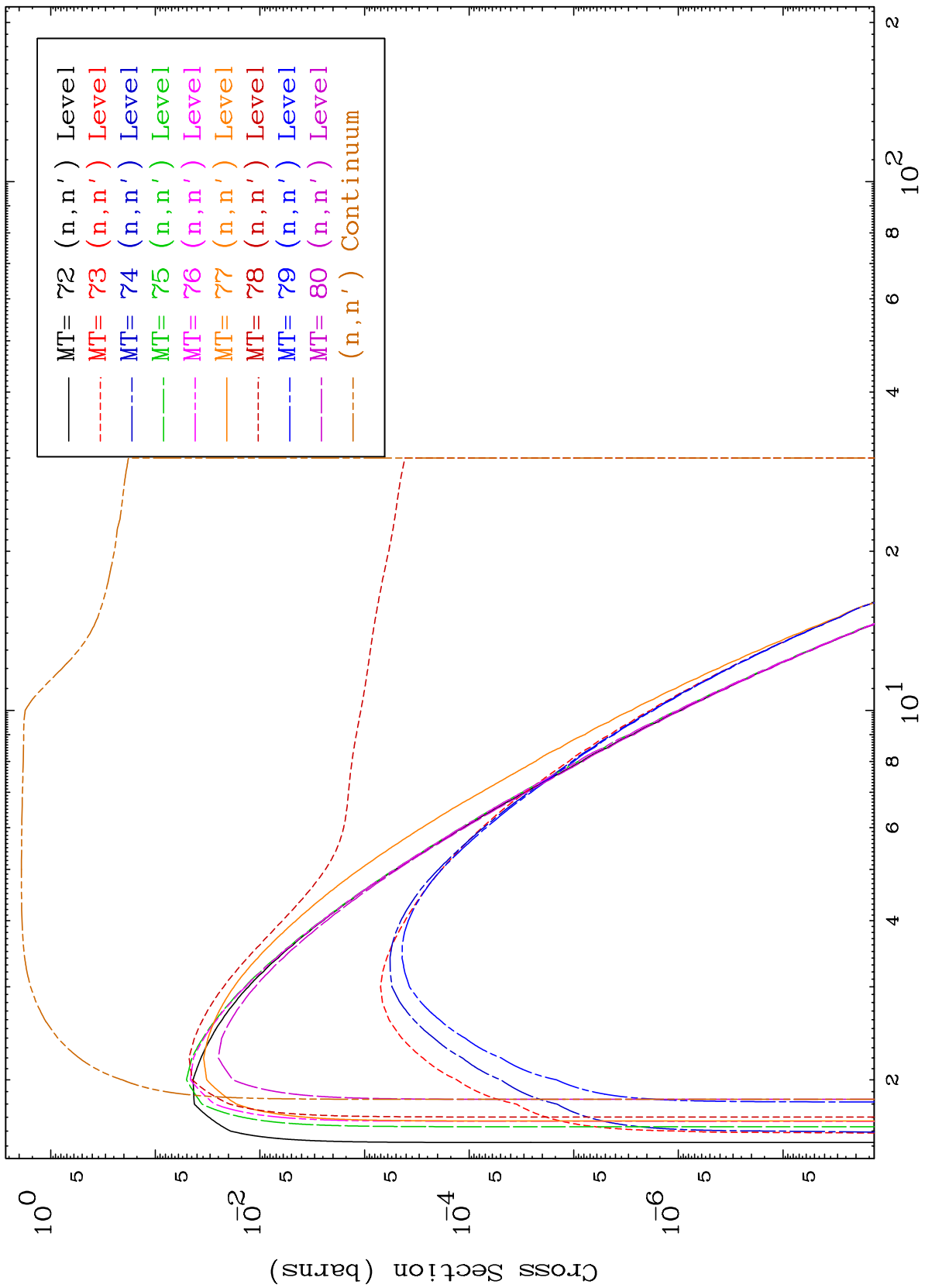
47-Ag-107

MAT 4725

(n,n') Level

47-Ag-107

293 Kelvin Cross Sections



9

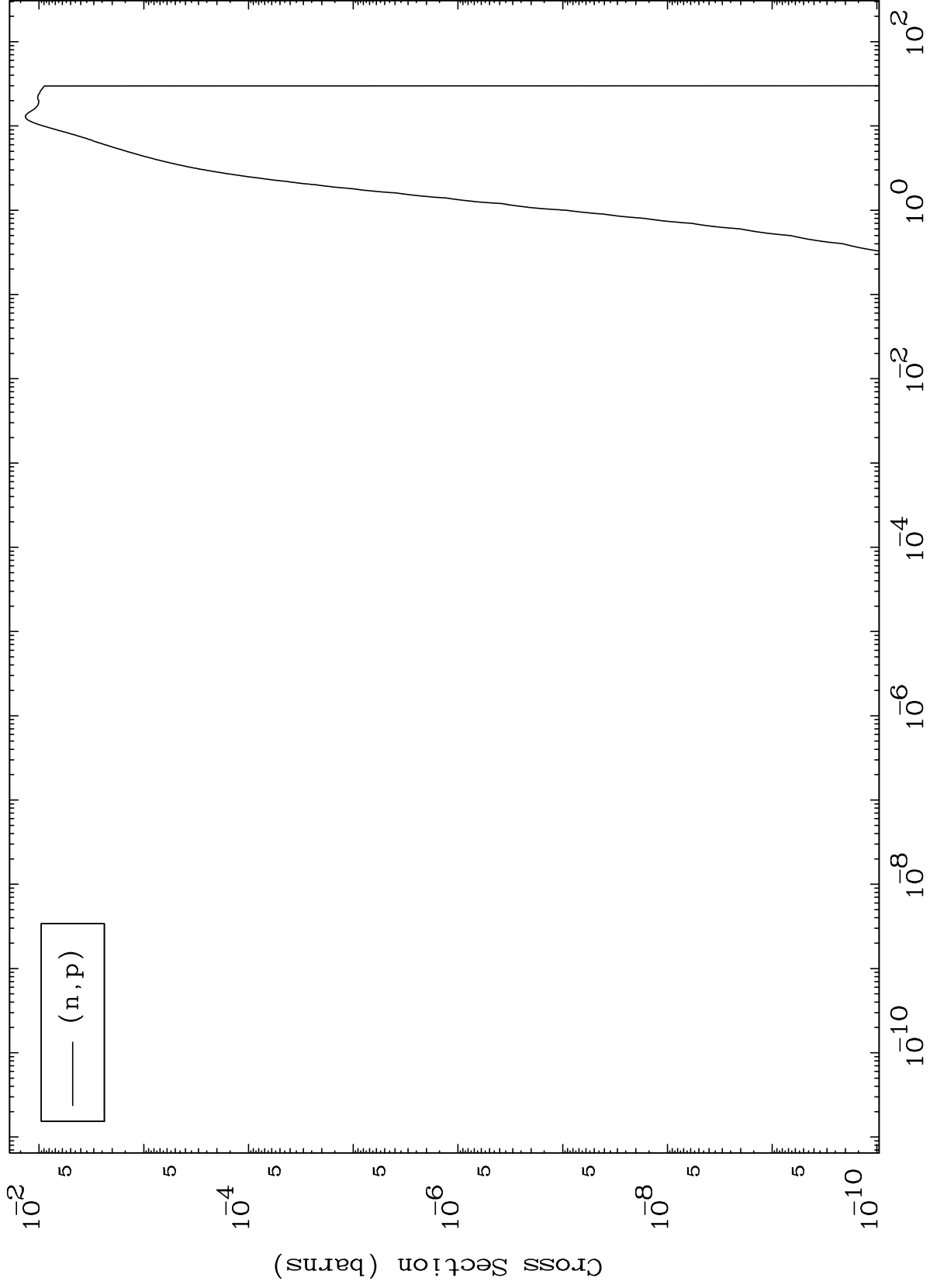
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-107



10

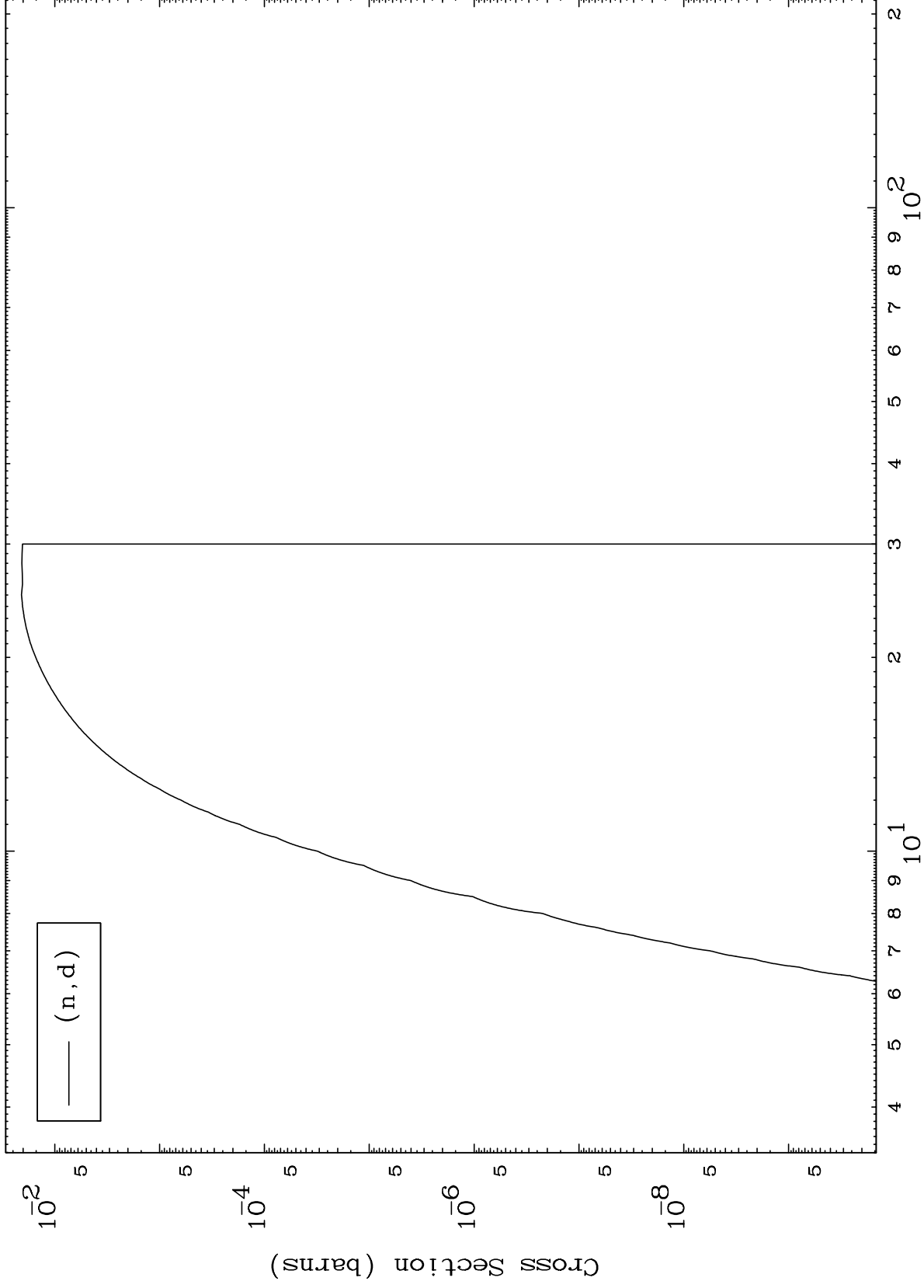
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-107



11

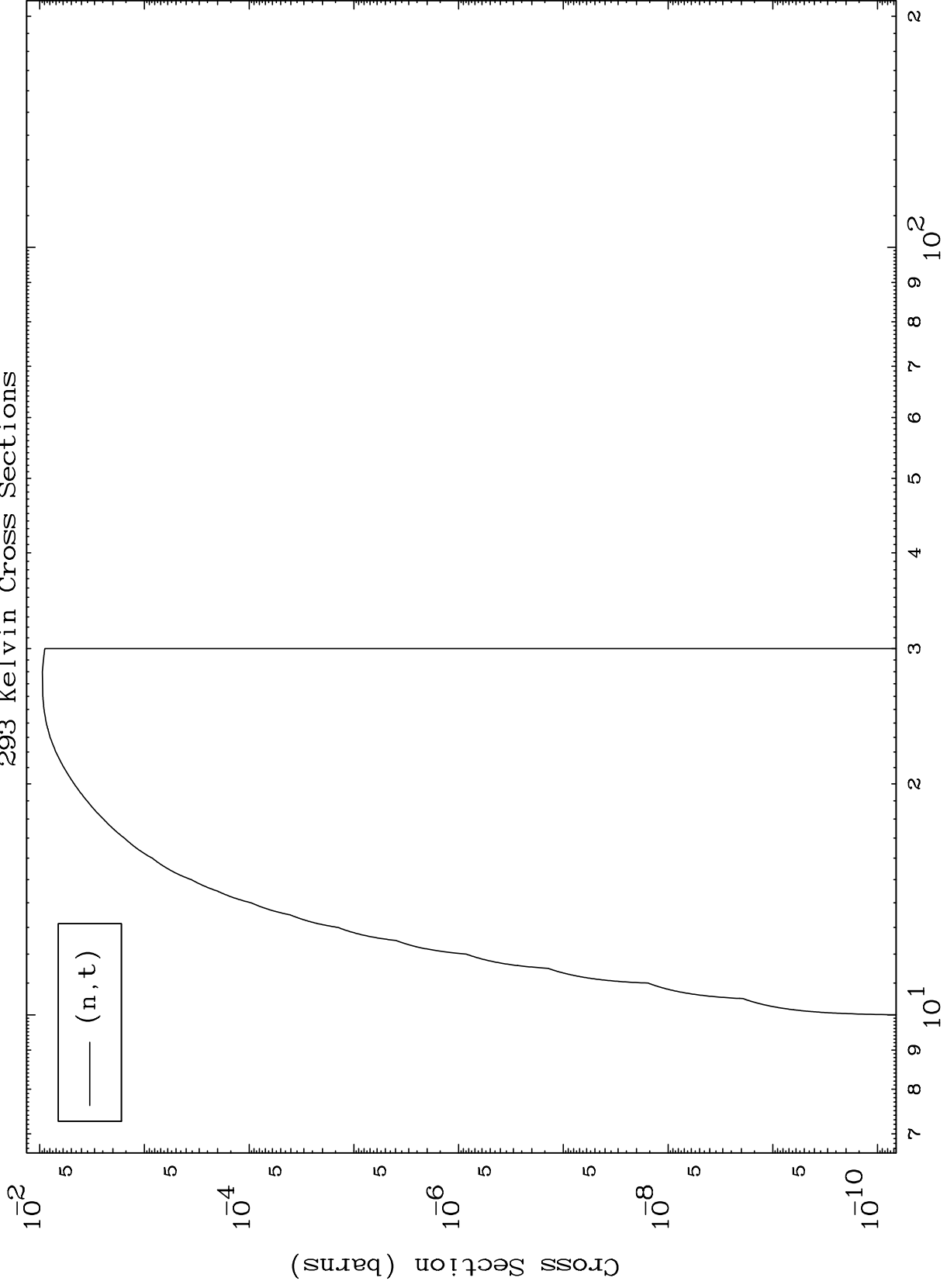
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-107



12

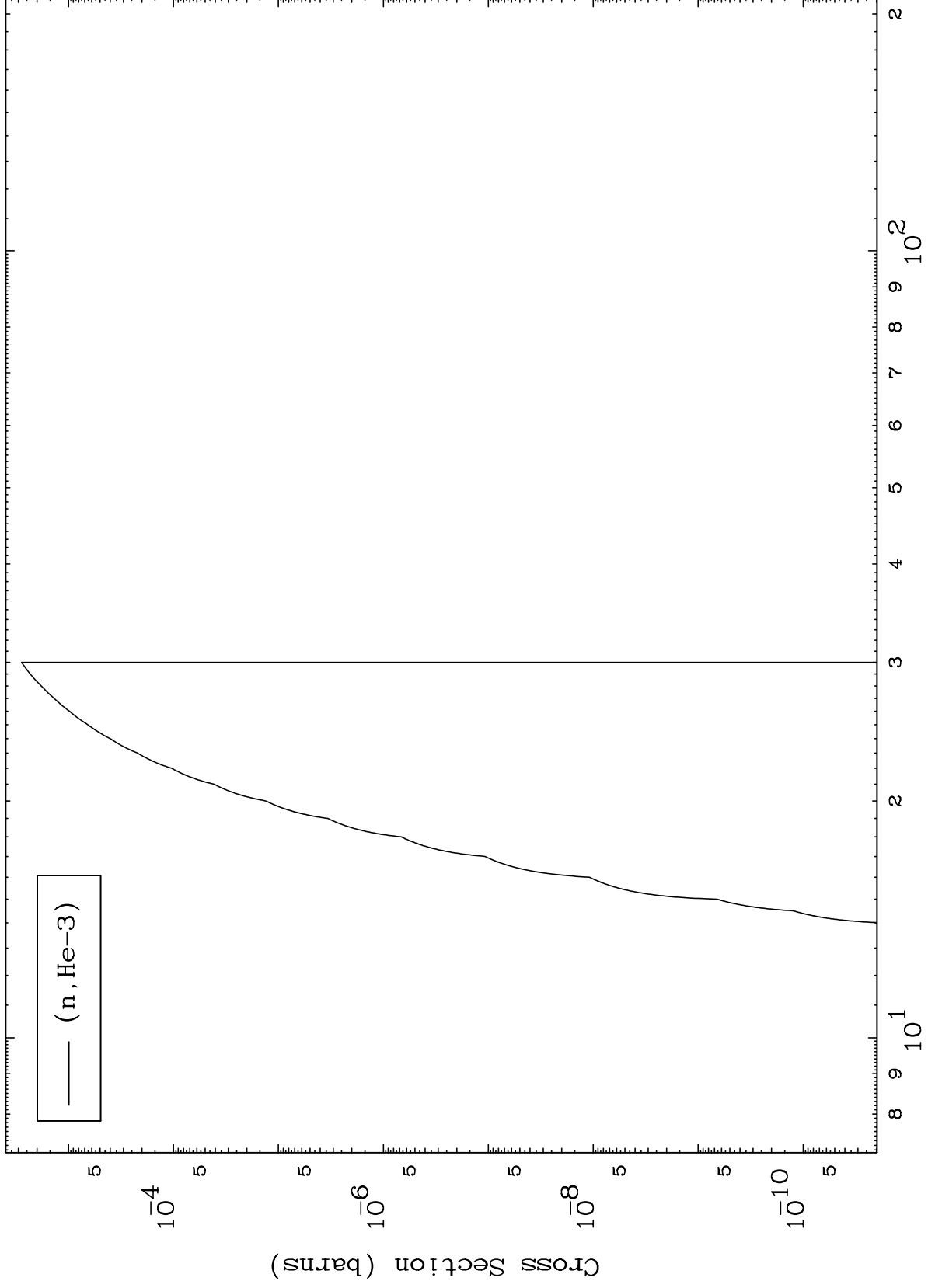
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-107



13

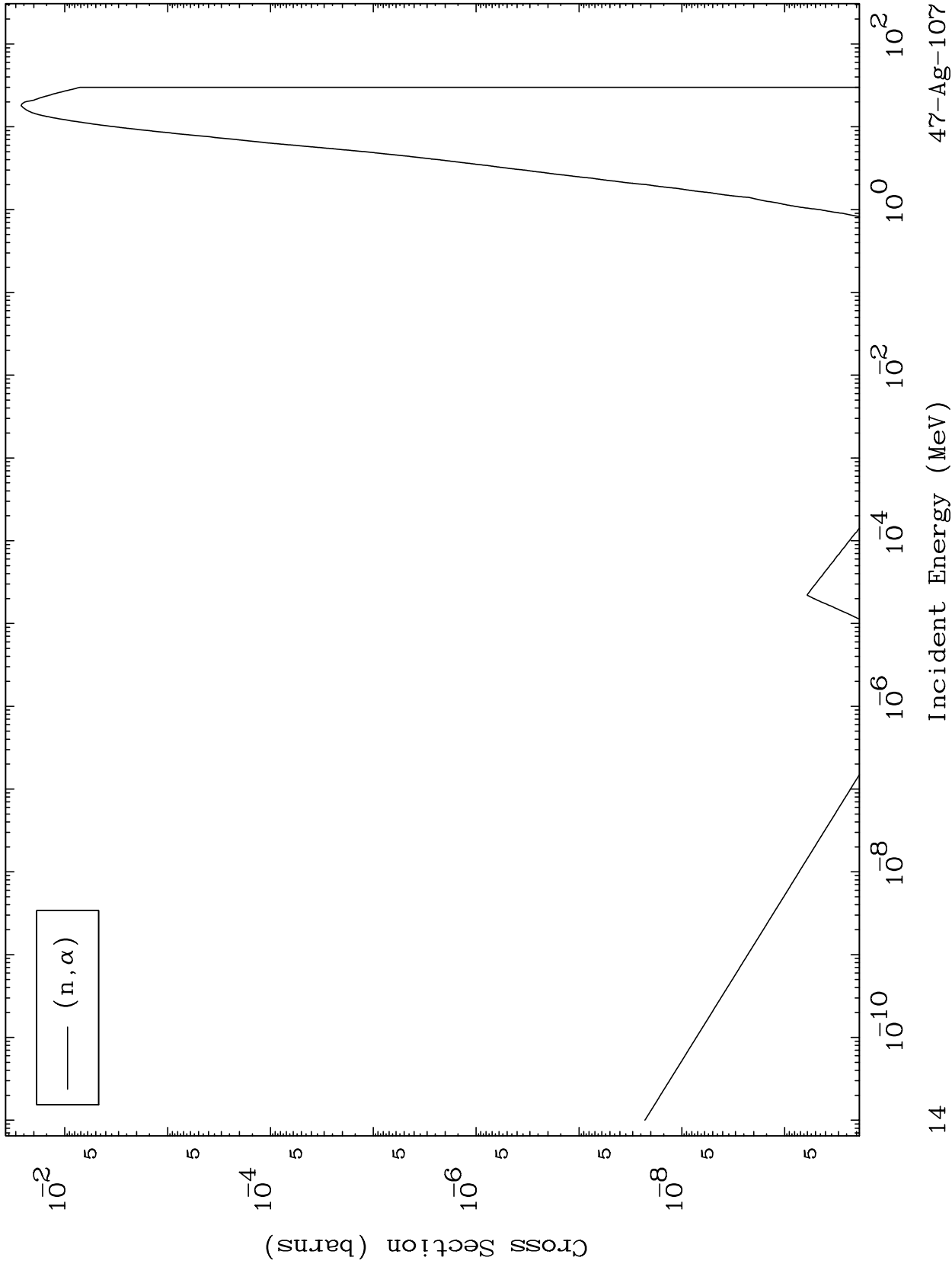
Incident Energy (MeV)

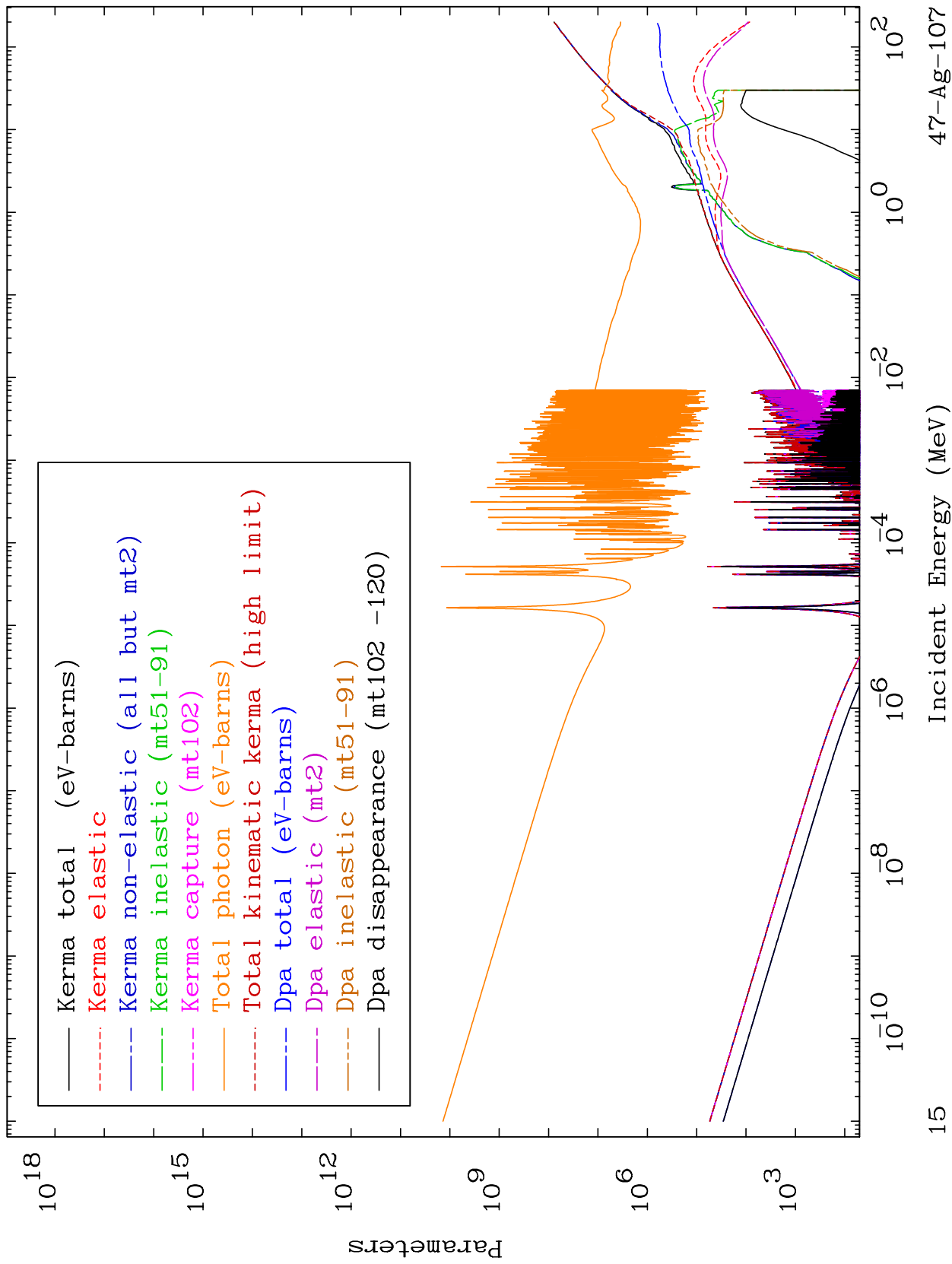
47-Ag-107

MAT 4725

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

47-Ag-107



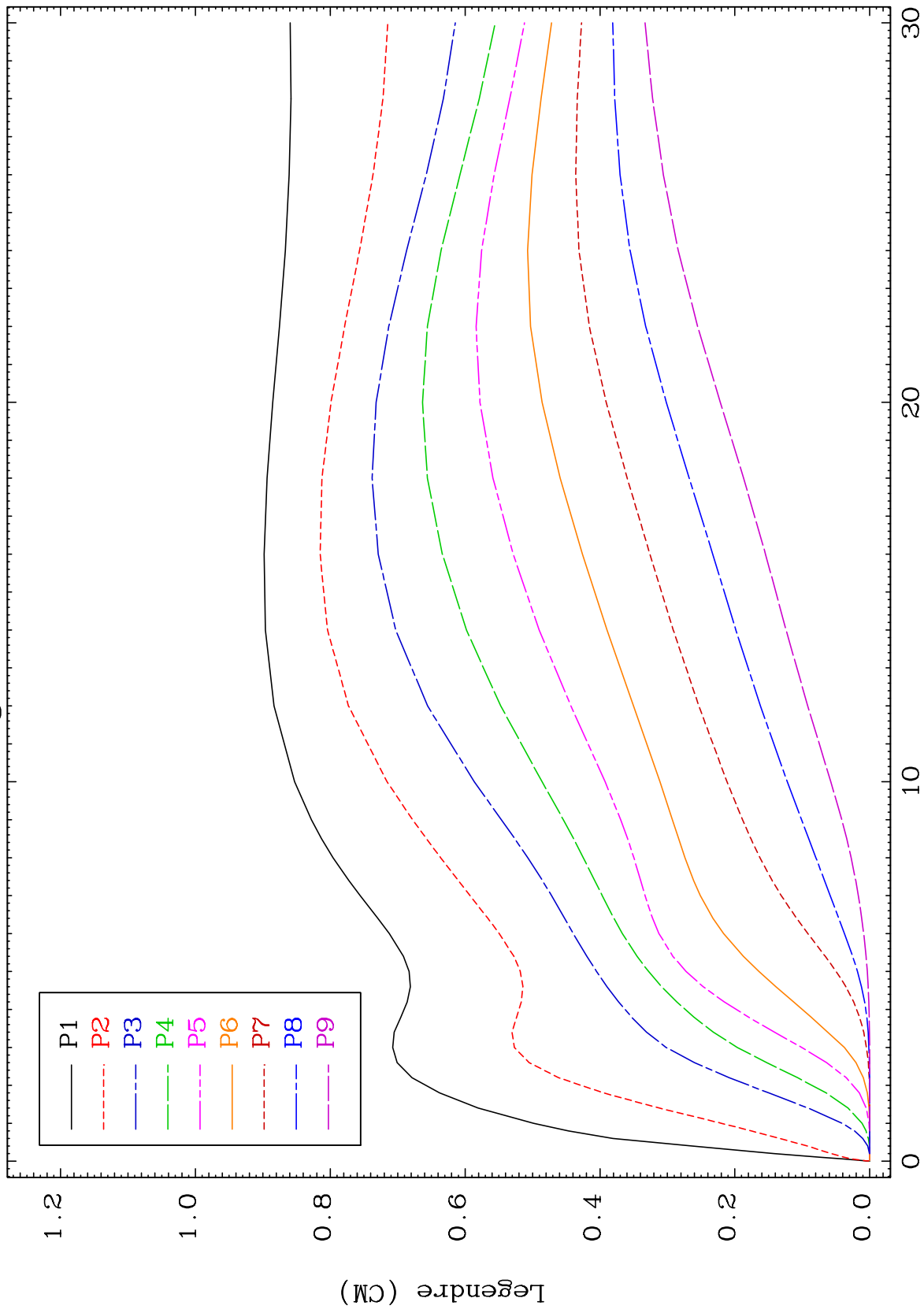




MAT 4725

Elastic Legendre Coefficients

47-Ag-107



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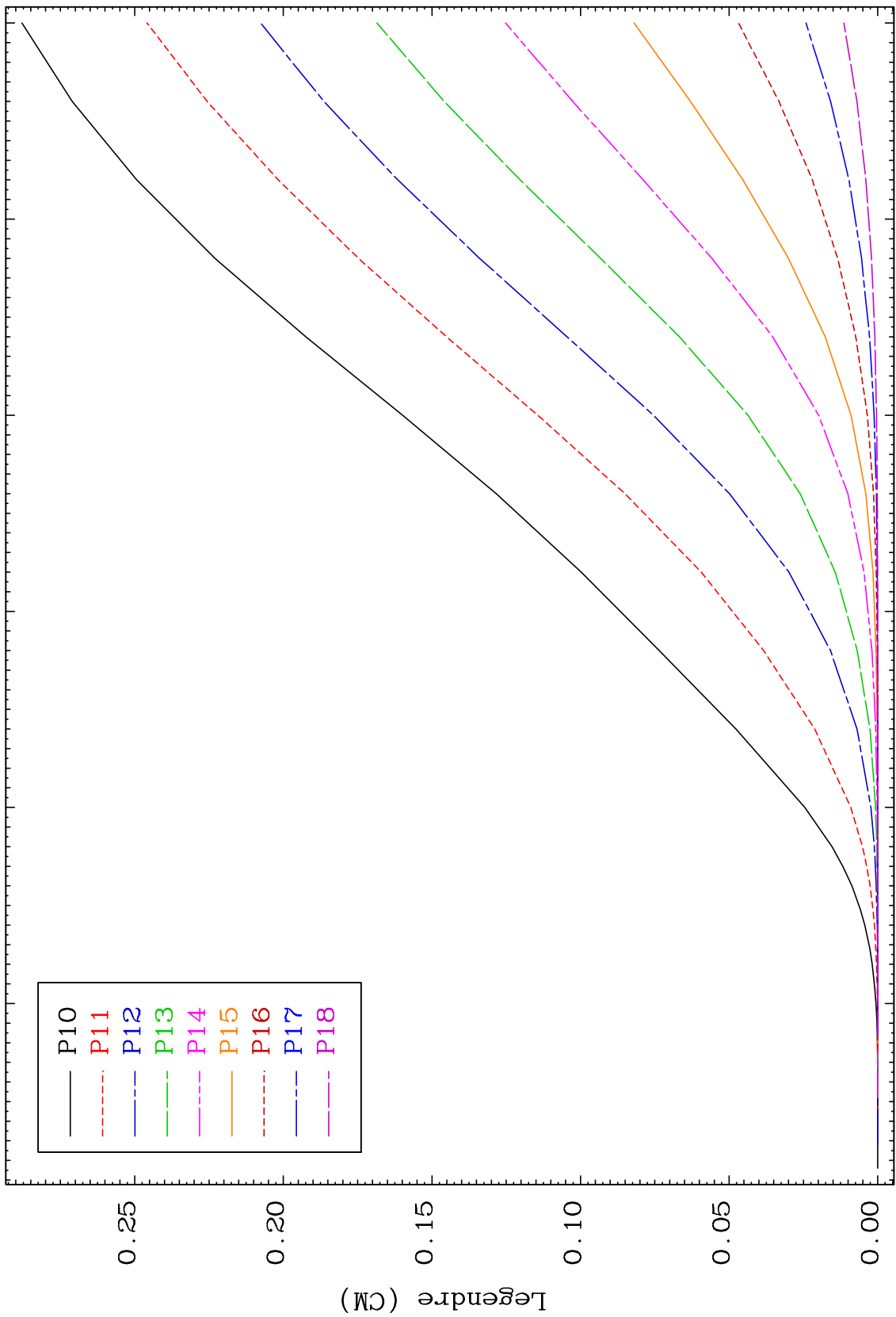
Incident Energy (MeV)

47-Ag-107

MAT 4725

Elastic Legendre Coefficients

47-Ag-107



17

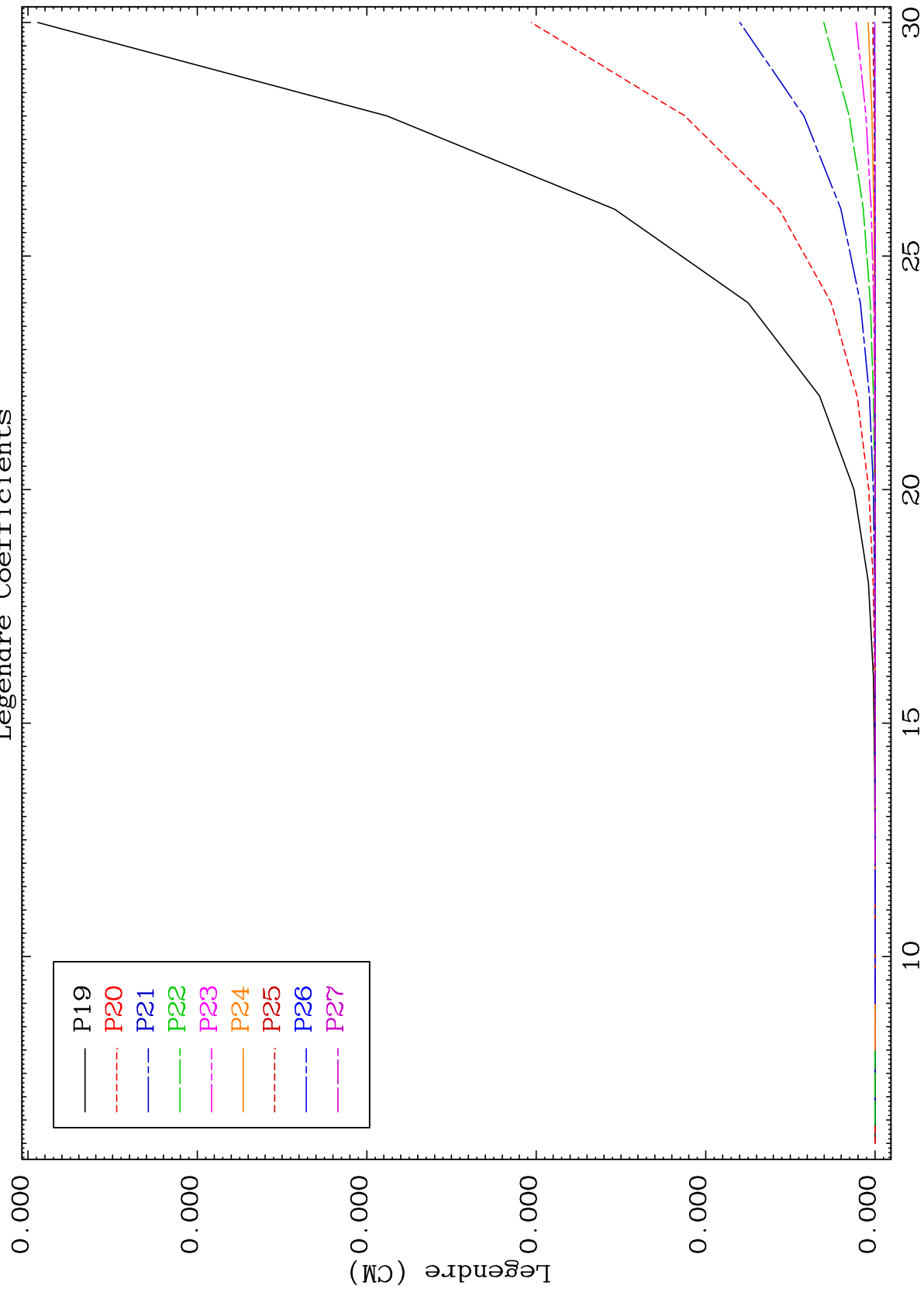
Incident Energy (MeV)

47-Ag-107

MAT 4725

### Elastic Legendre Coefficients

47-Ag-107



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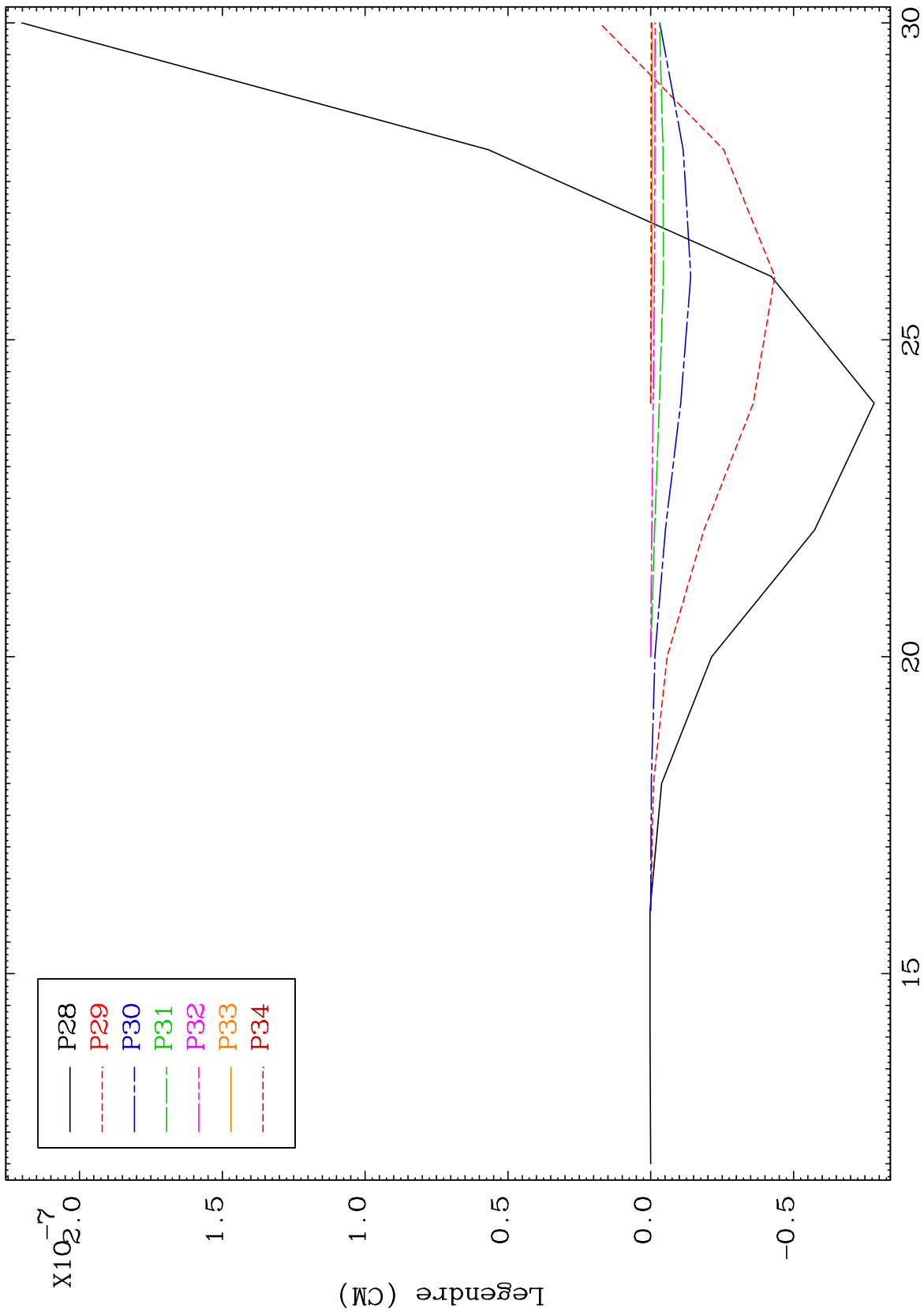
Incident Energy (MeV)

47-Ag-107

MAT 4725

Elastic Legendre Coefficients

47-Ag-107



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Incident Energy (MeV)

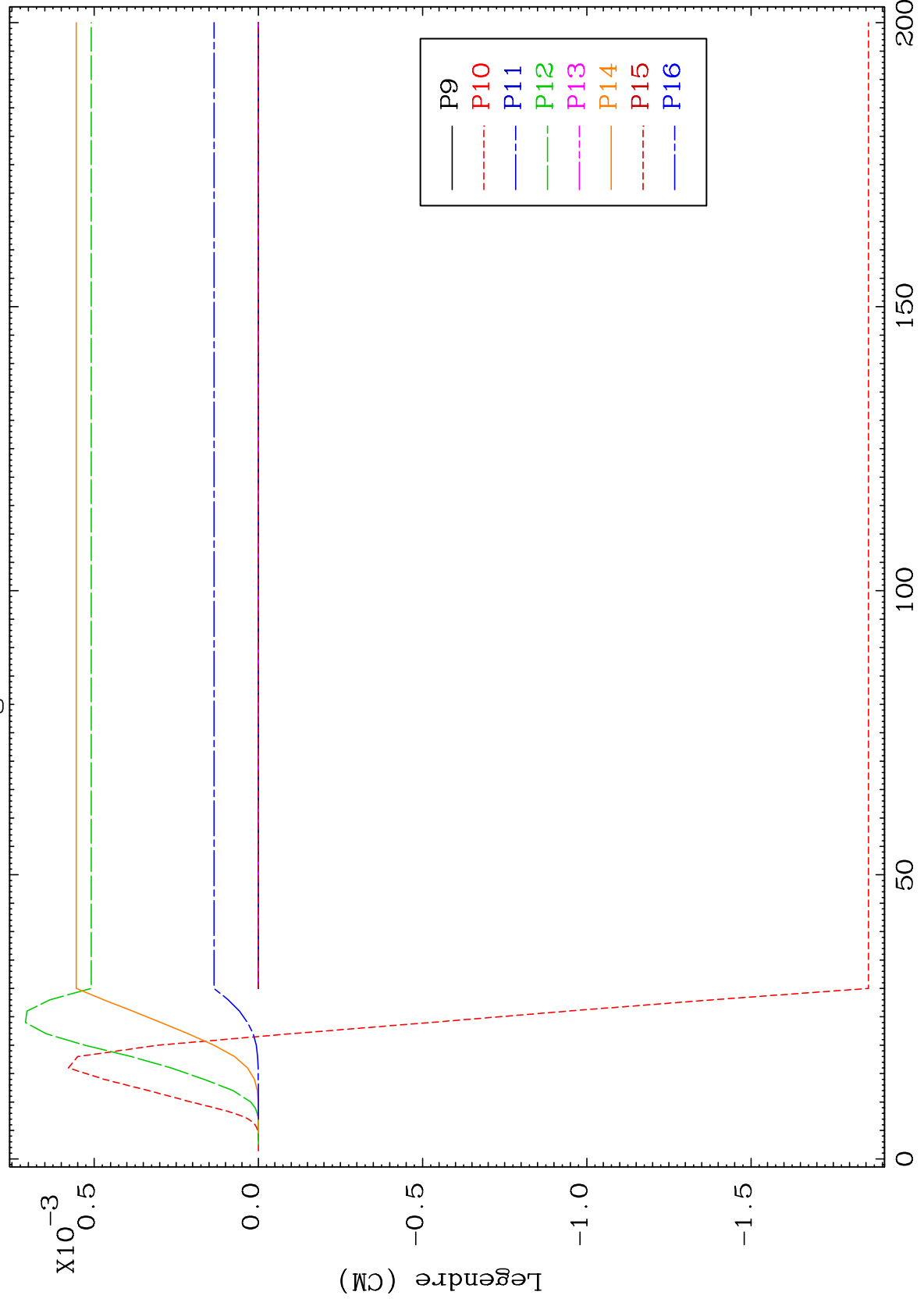
47-Ag-107



MAT 4725

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

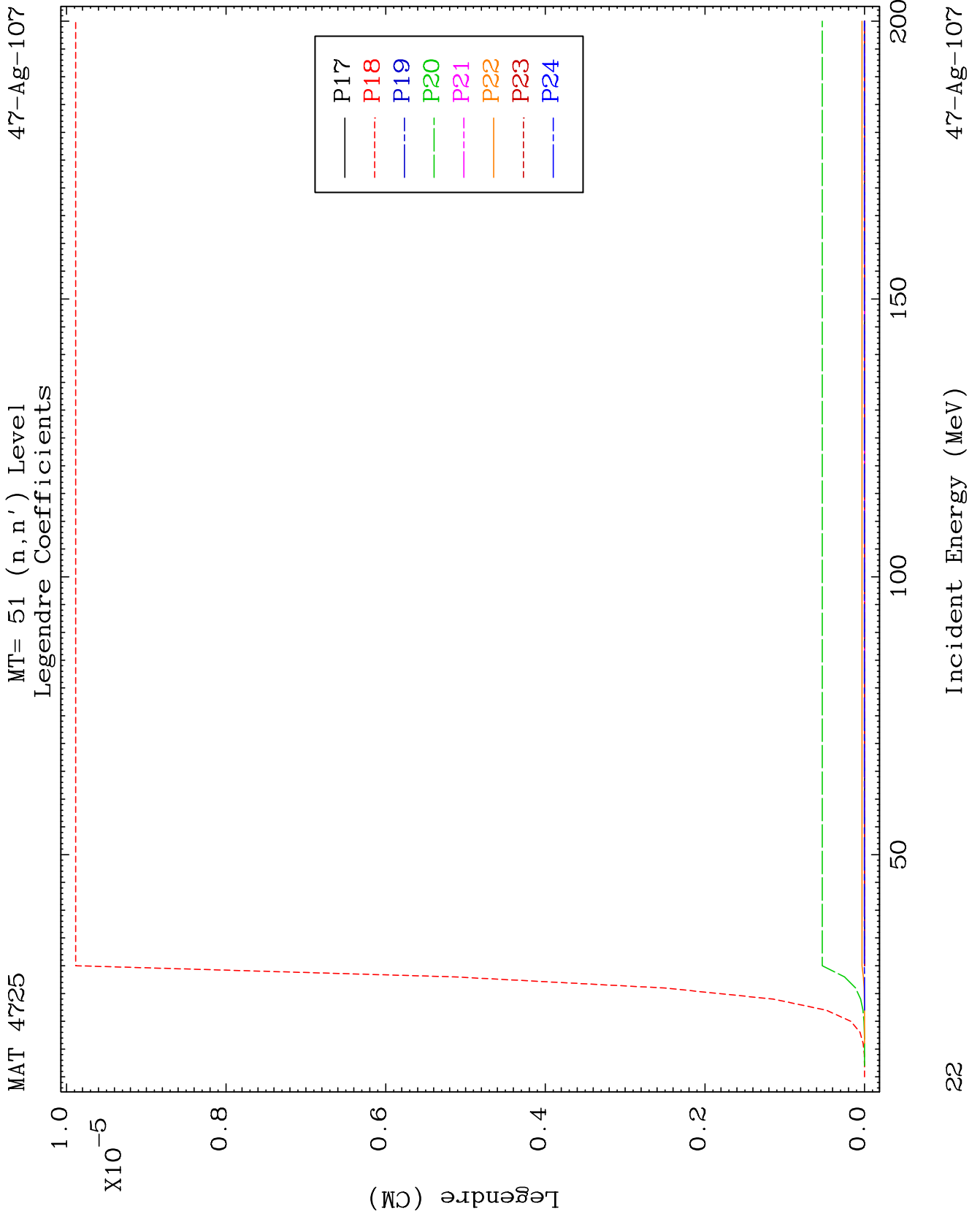
47-Ag-107



21

Incident Energy (MeV)

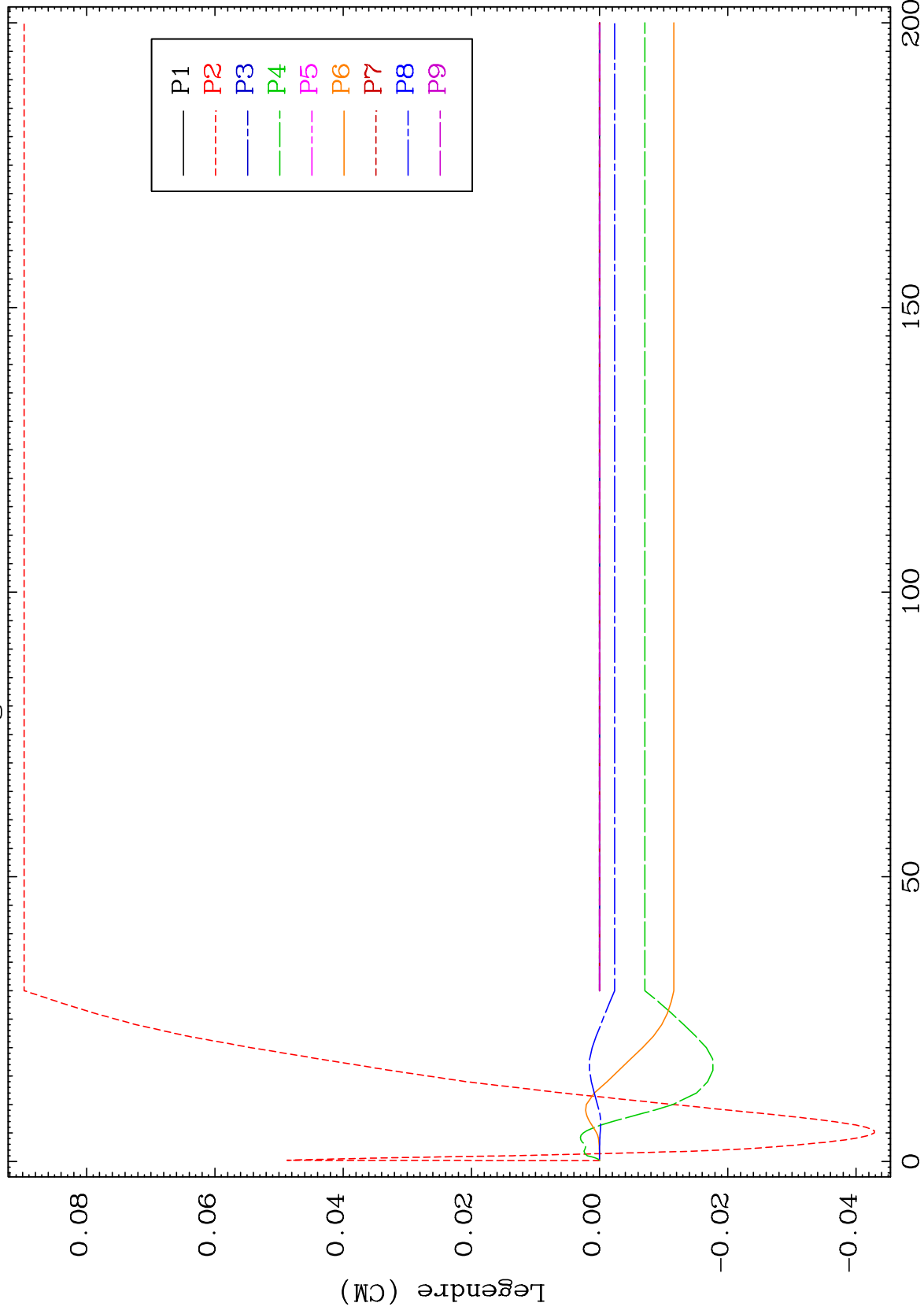
47-Ag-107



MAT 4725

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

47-Ag-107



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Incident Energy (MeV)

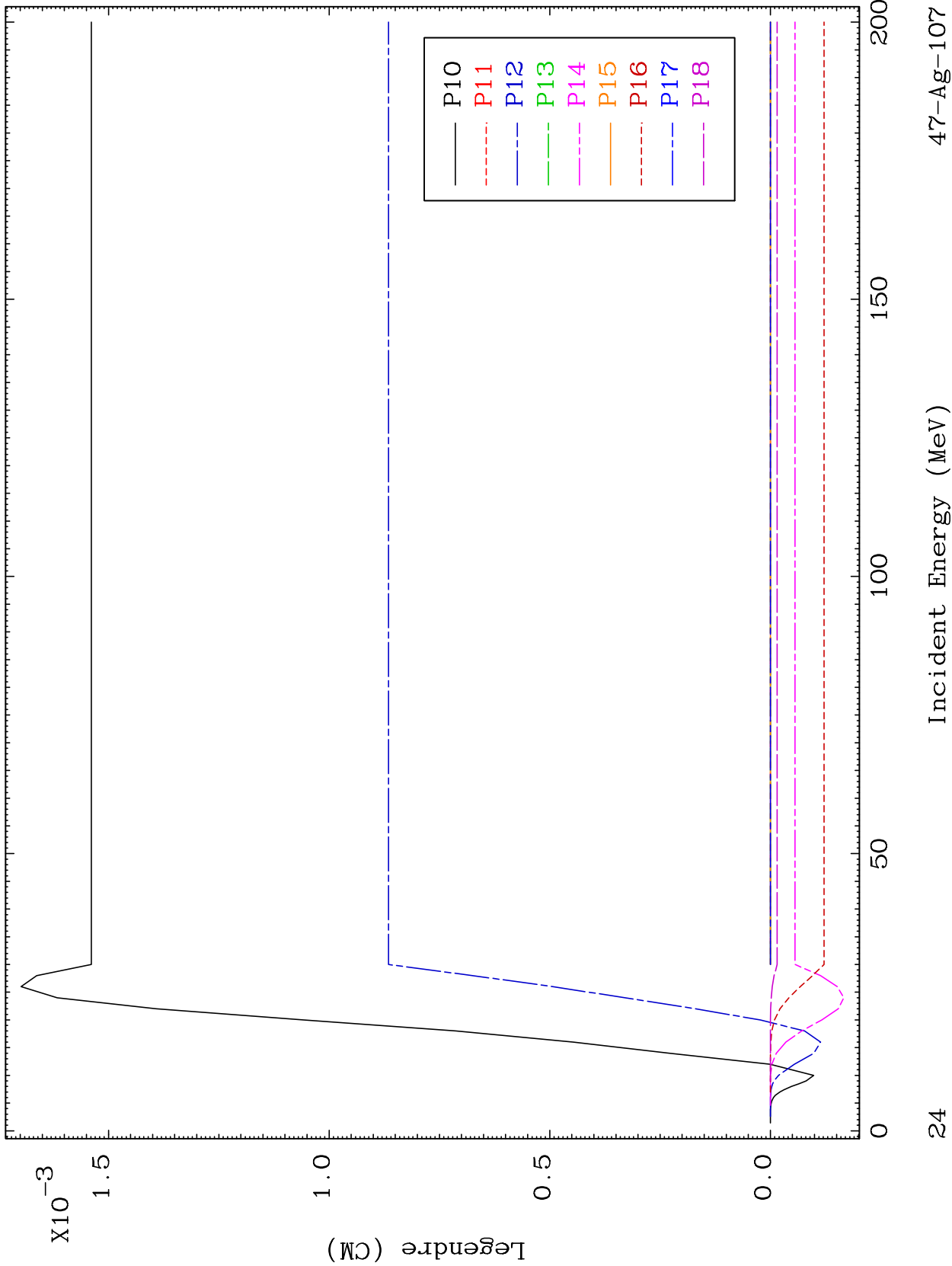
47-Ag-107



MAT 4725

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

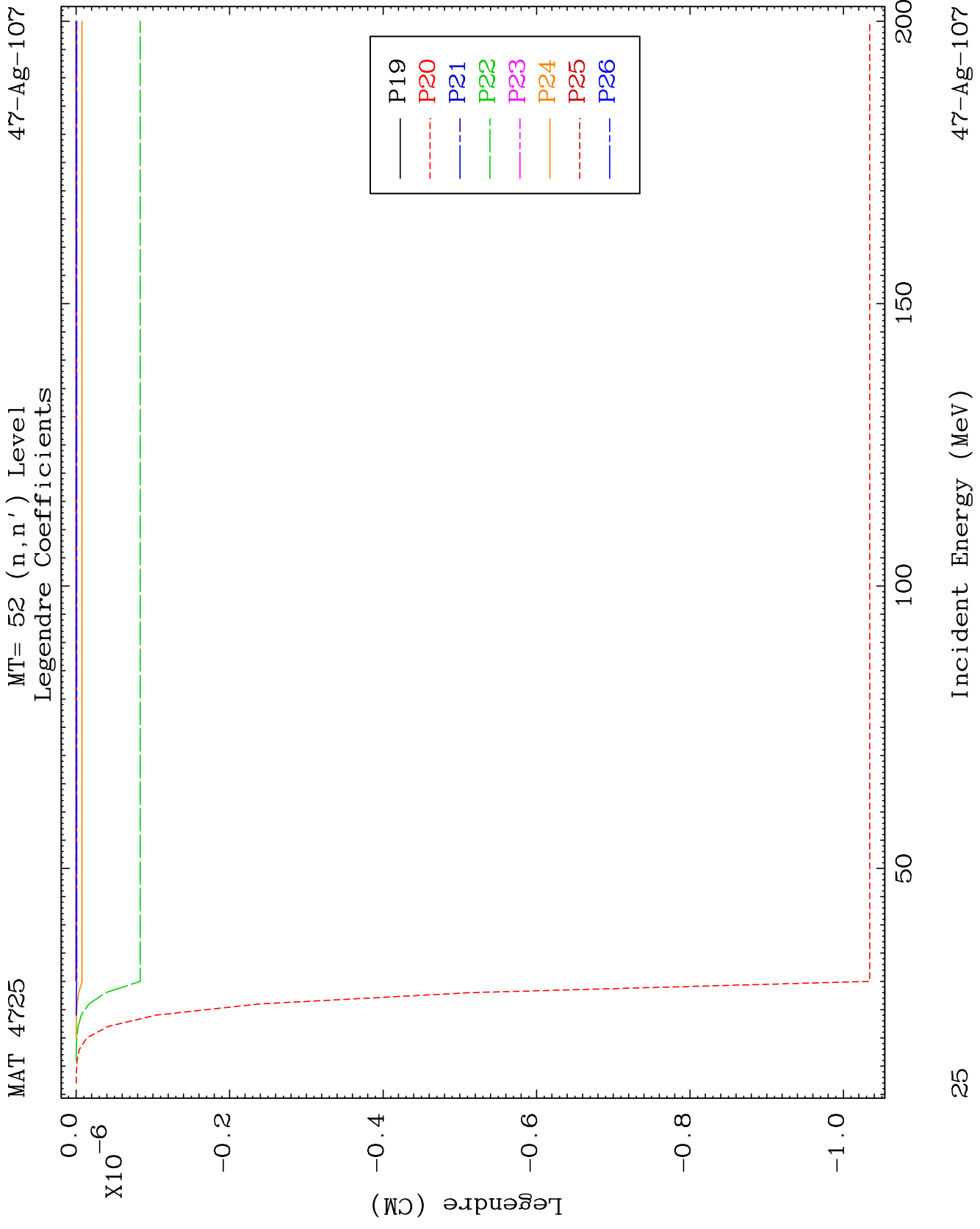
47-Ag-107



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Incident Energy (MeV)

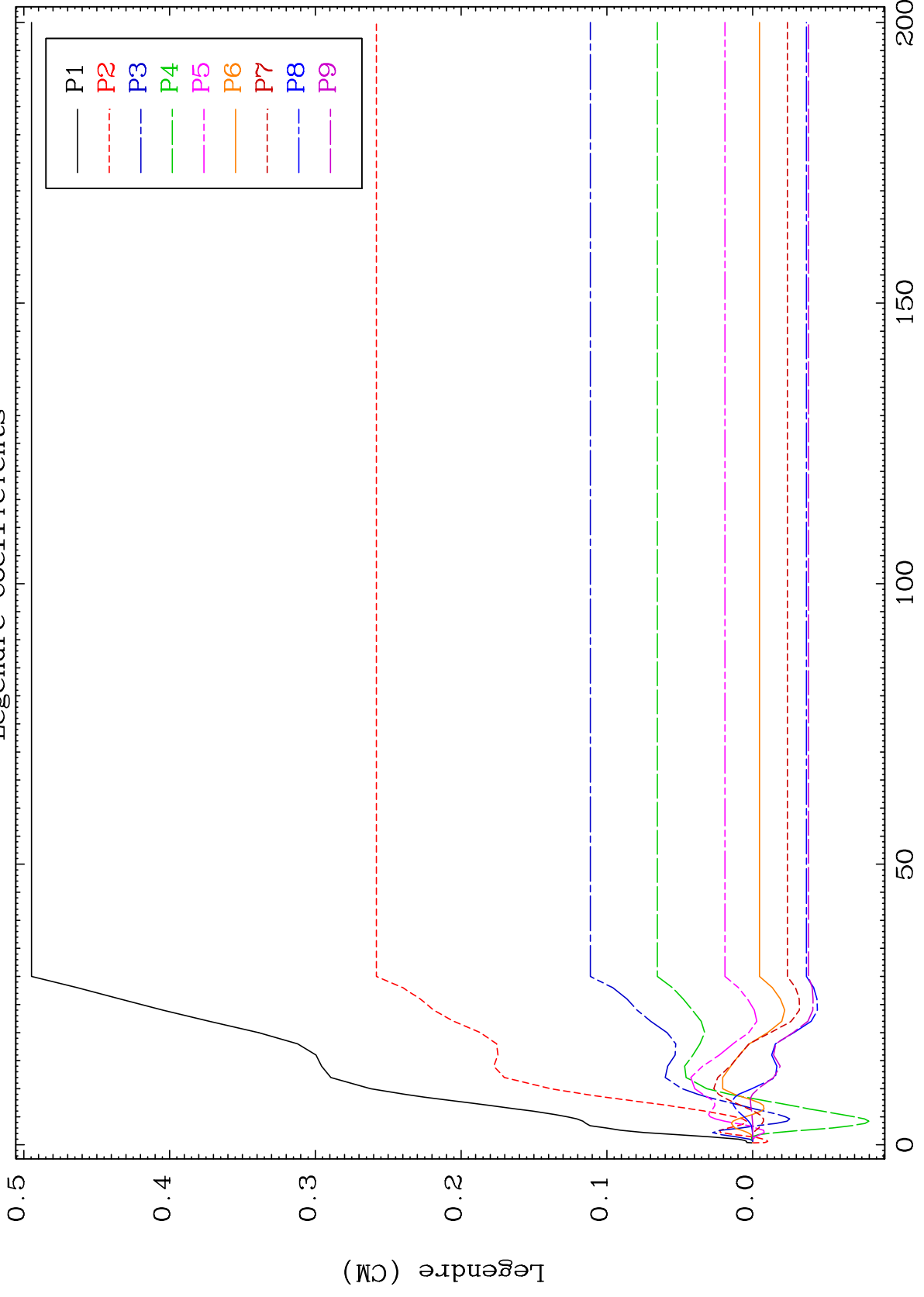
47-Ag-107



MAT 4725

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

47-Ag-107



47-Ag-107

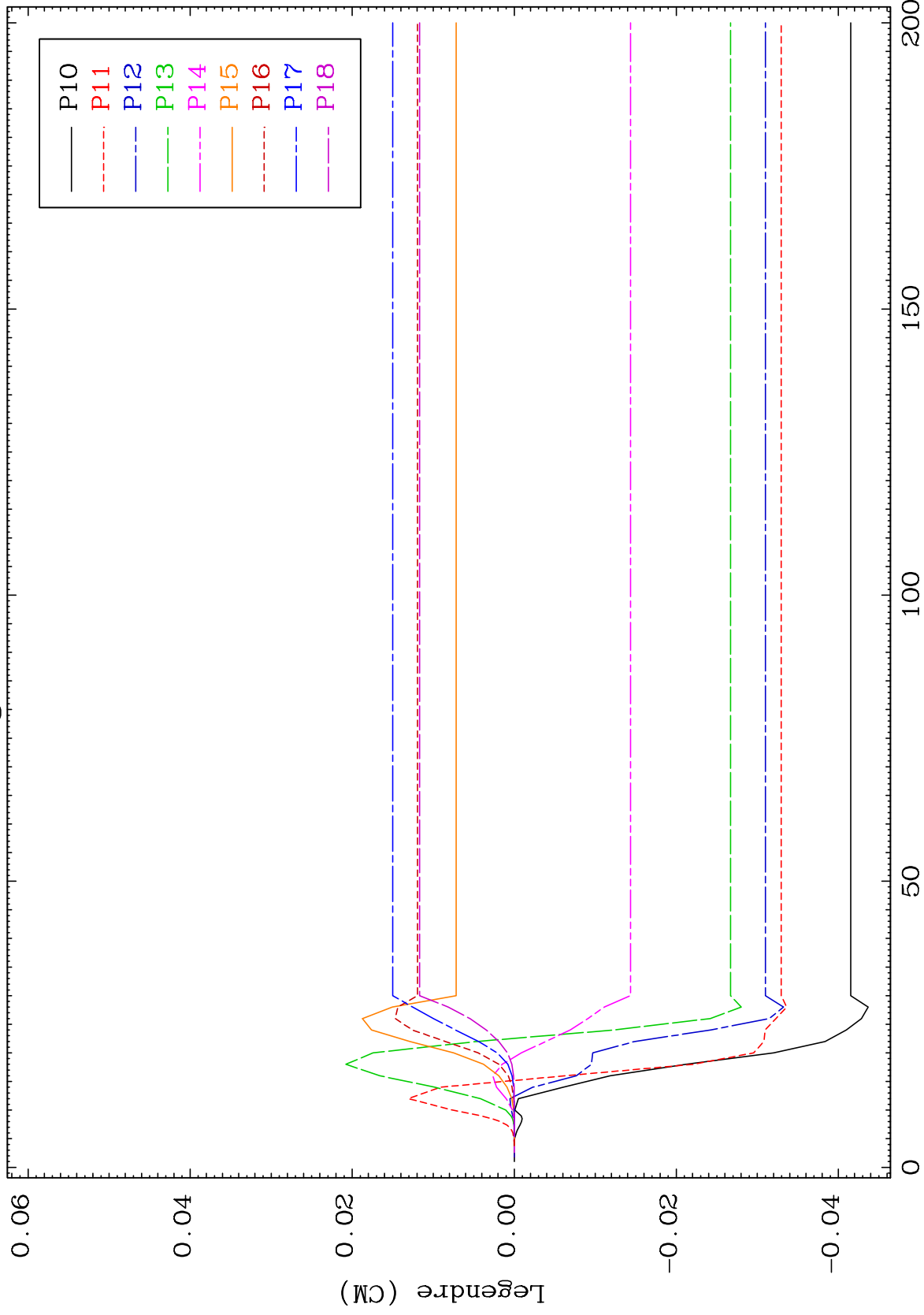
Incident Energy (MeV)

26

MAT 4725

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

47-Ag-107



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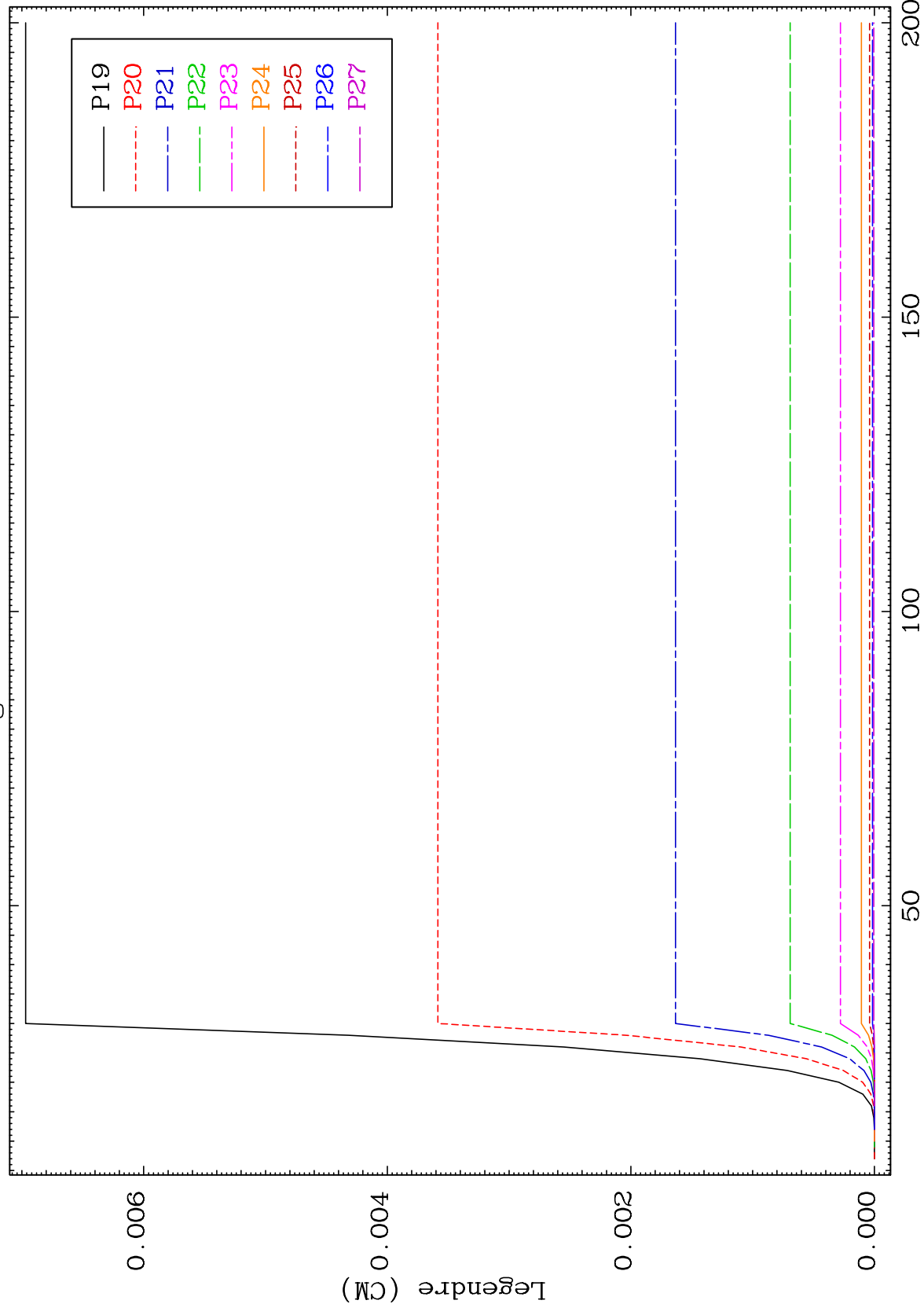
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



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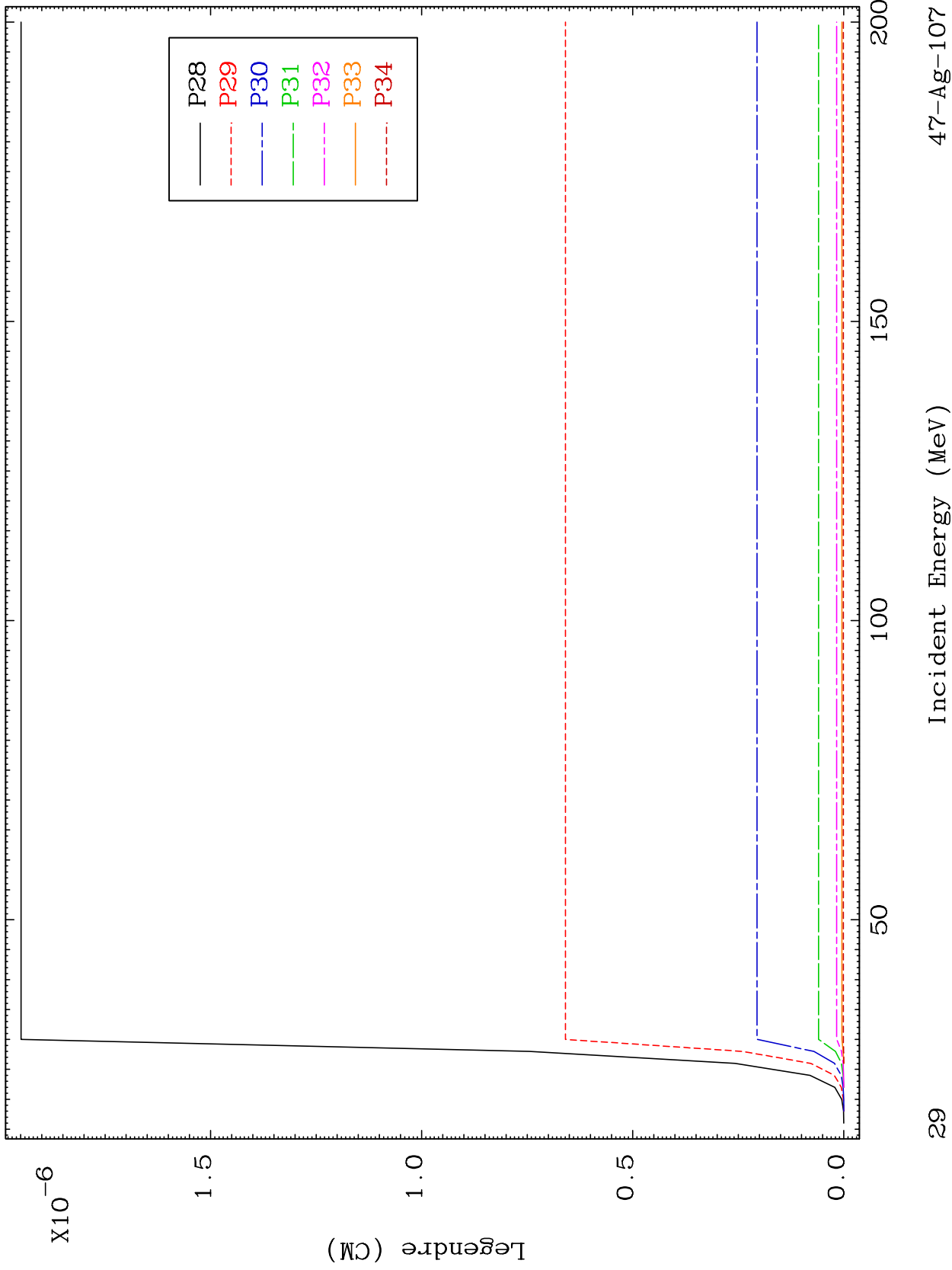
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107

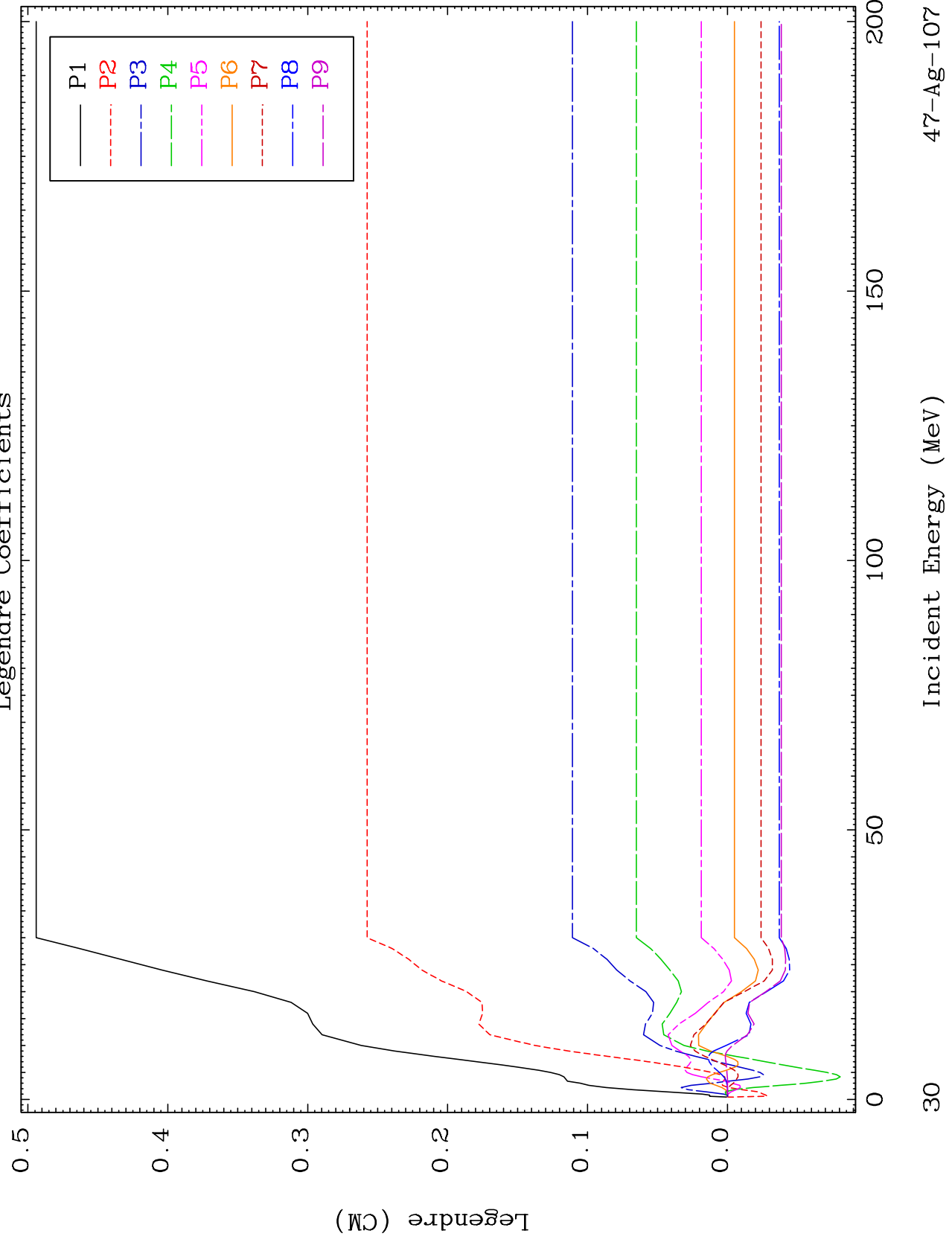


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MAT 4725

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

47-Ag-107

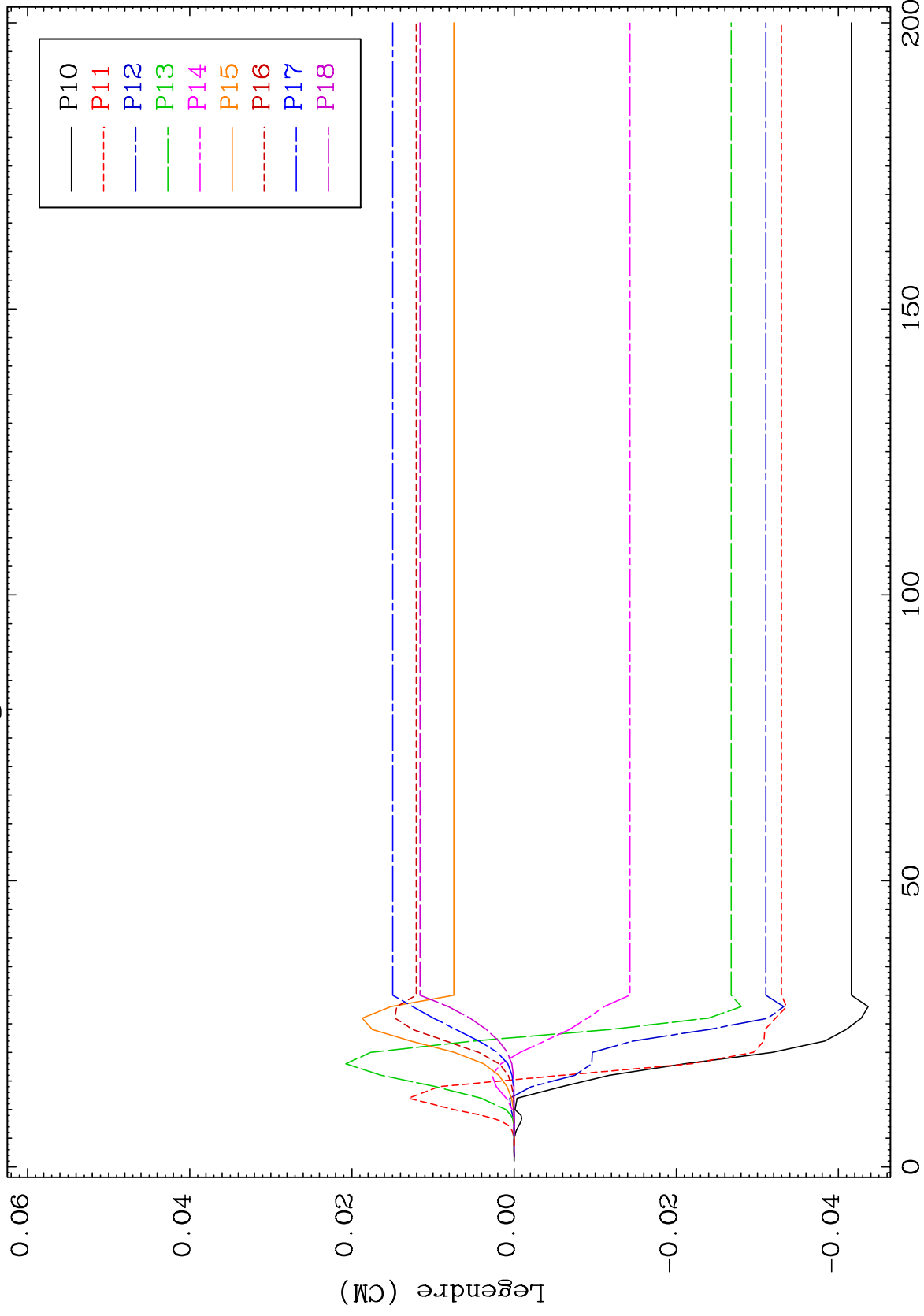


47-Ag-107

MAT 4725

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

47-Ag-107



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Incident Energy (MeV)

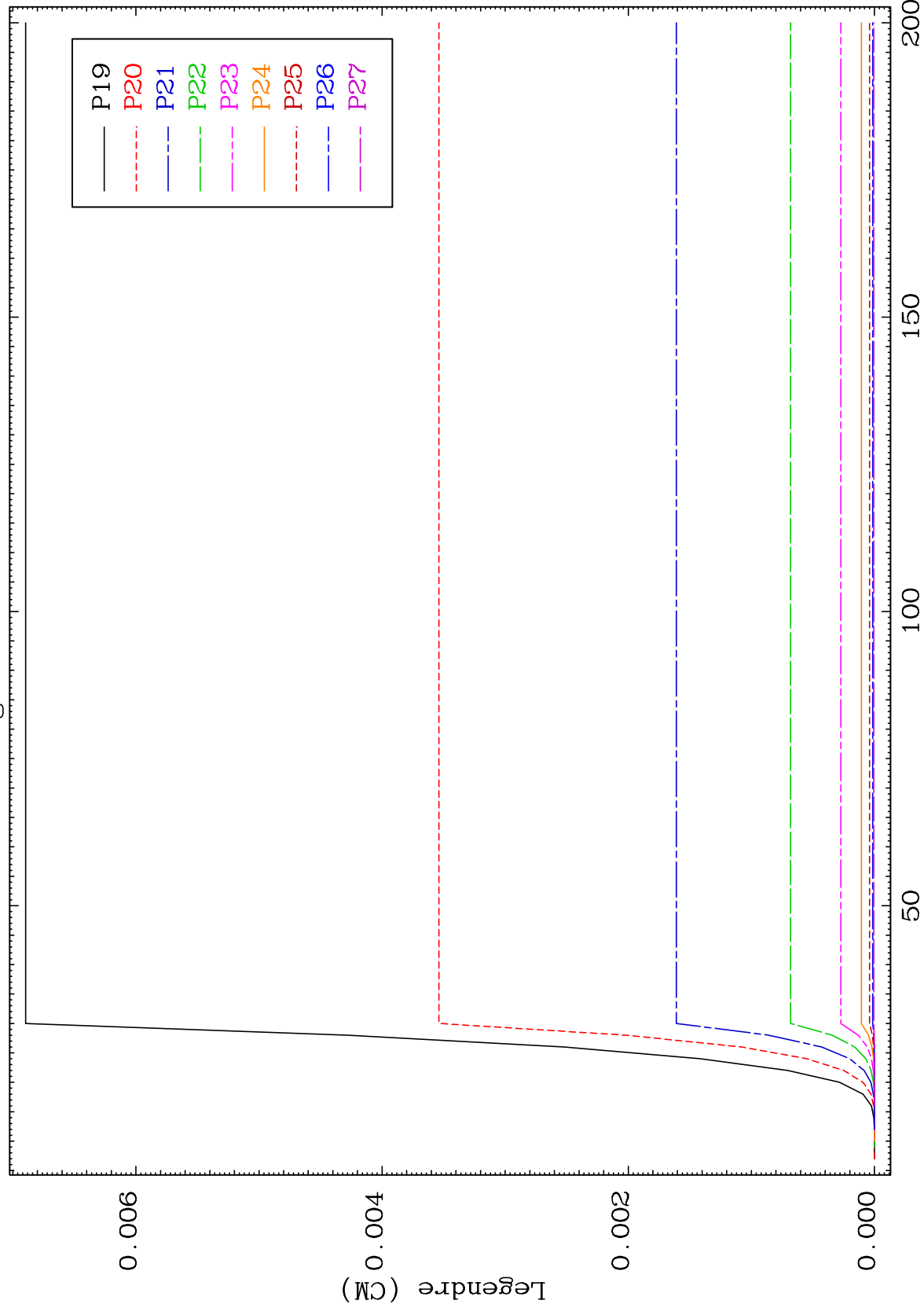
47-Ag-107



MAT 4725

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

47-Ag-107



32

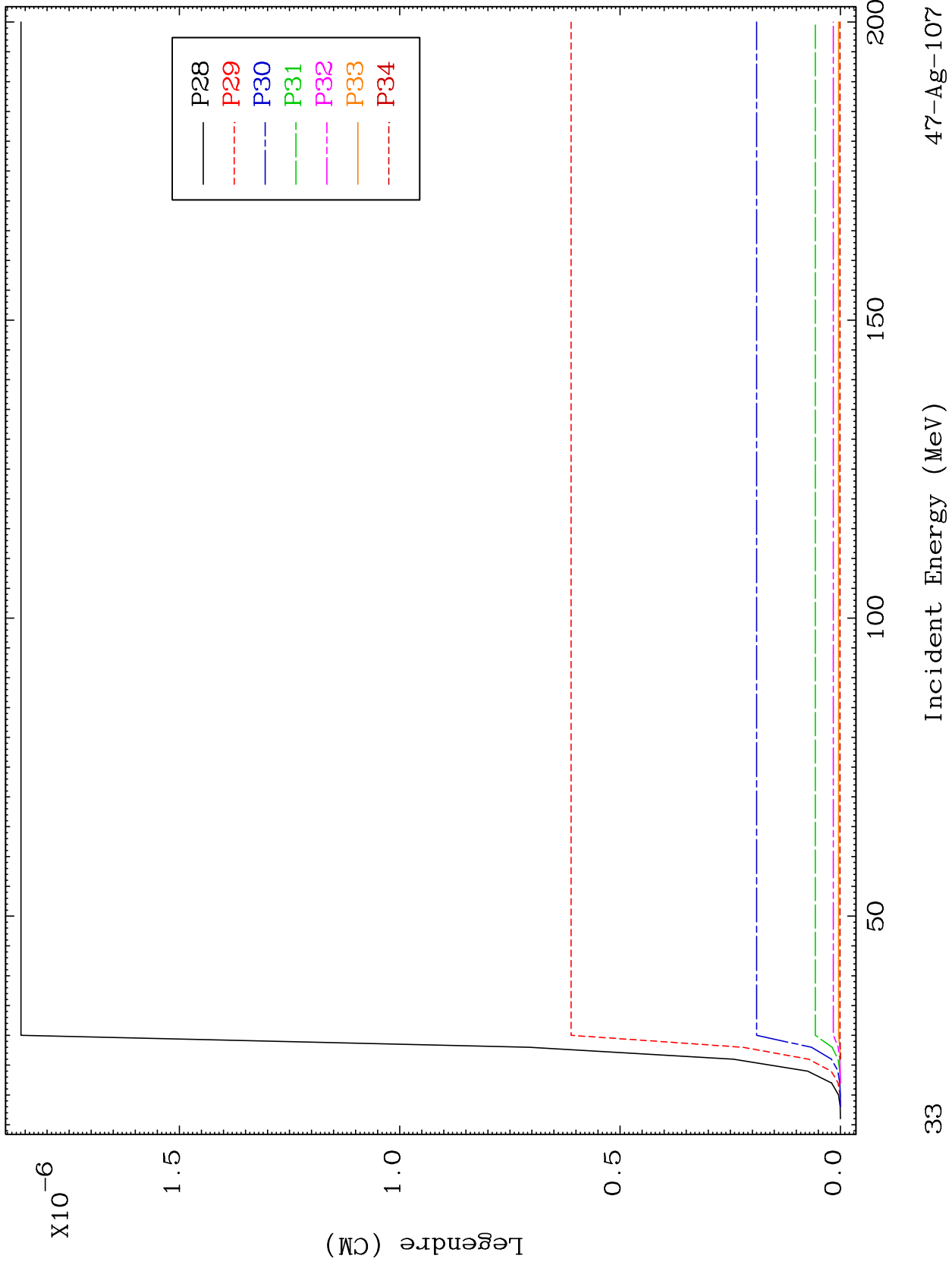
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

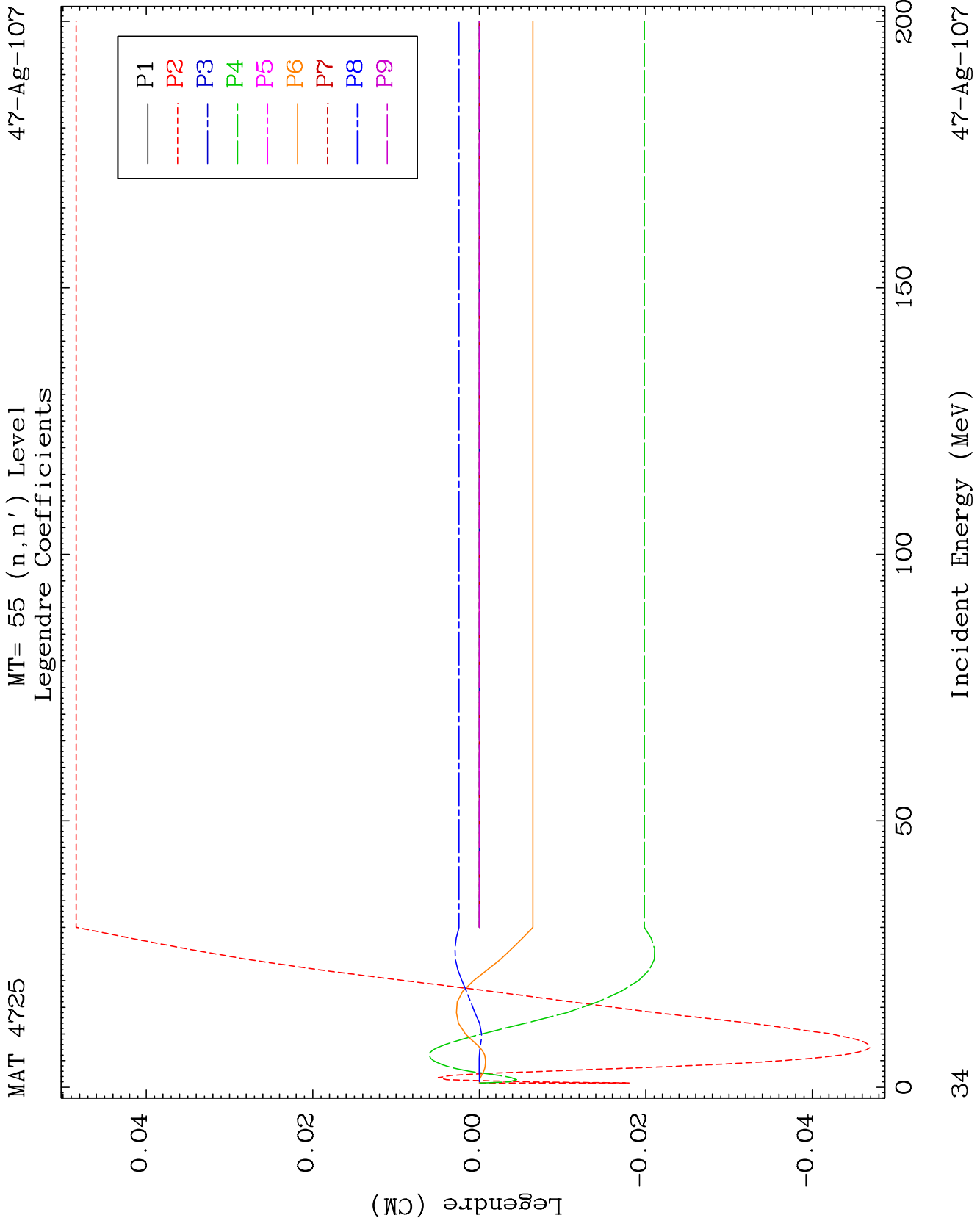
47-Ag-107



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Incident Energy (MeV)

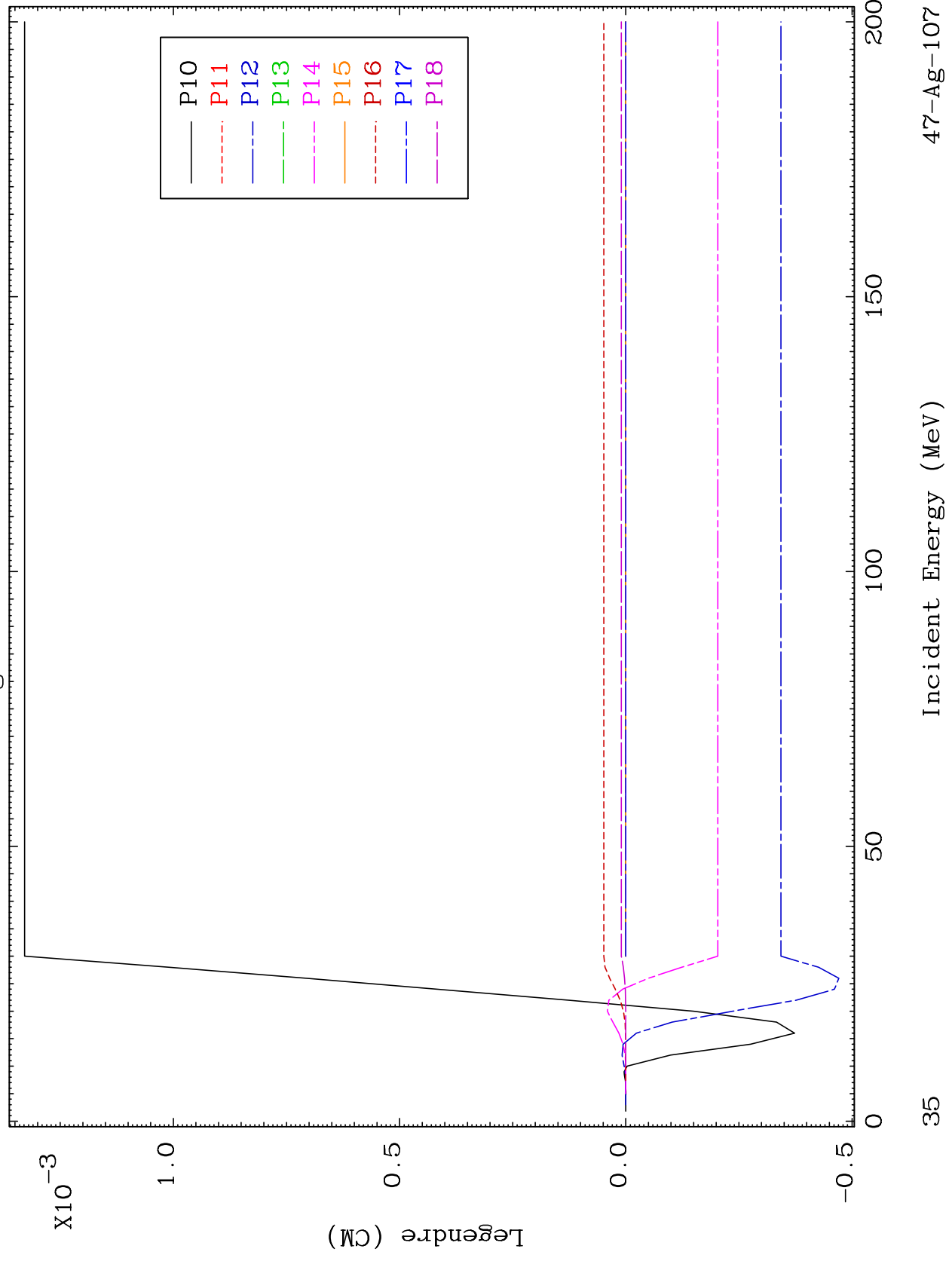
47-Ag-107



MAT 4725

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

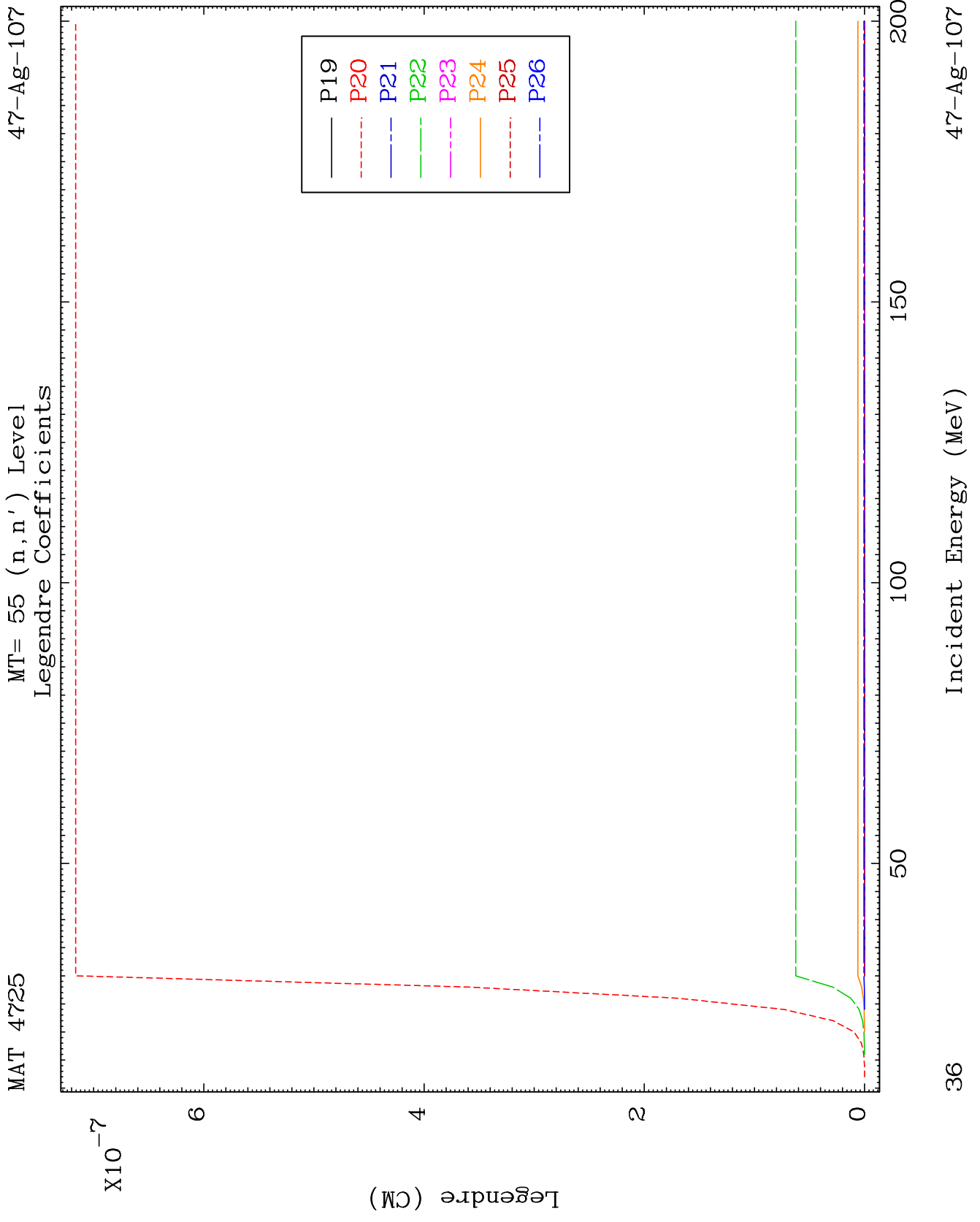
47-Ag-107



47-Ag-107

Incident Energy (MeV)

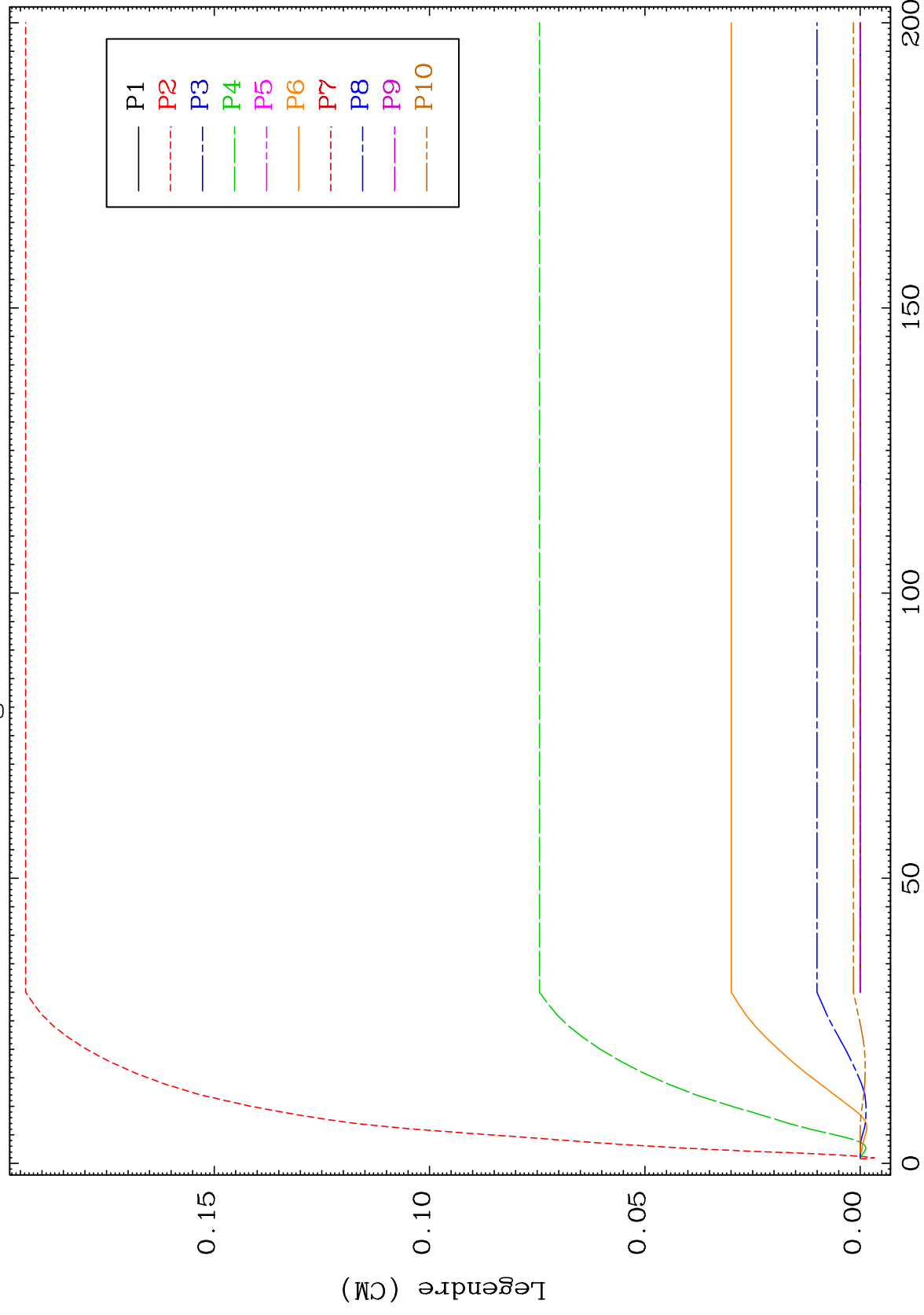
35



MAT 4725

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

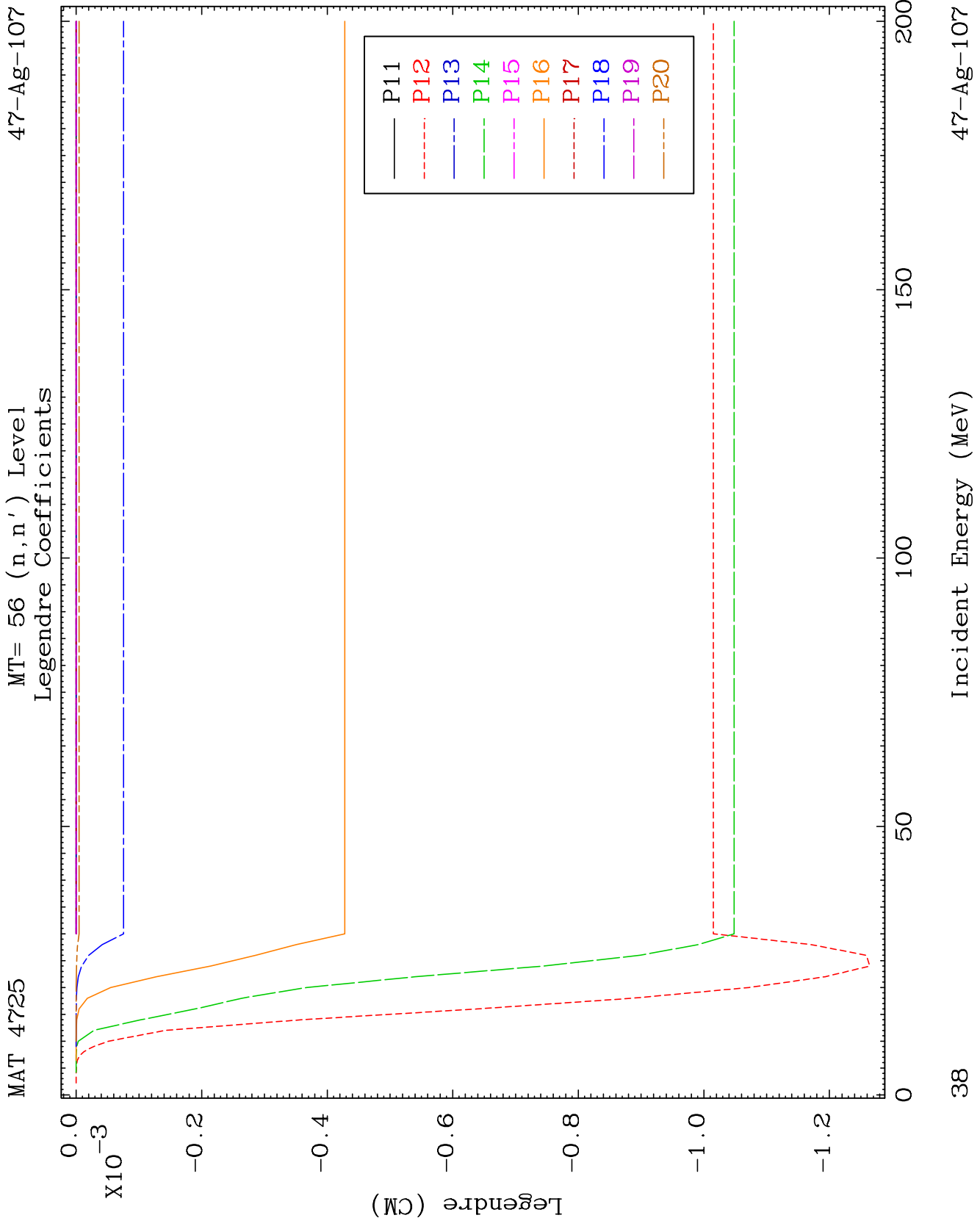
47-Ag-107

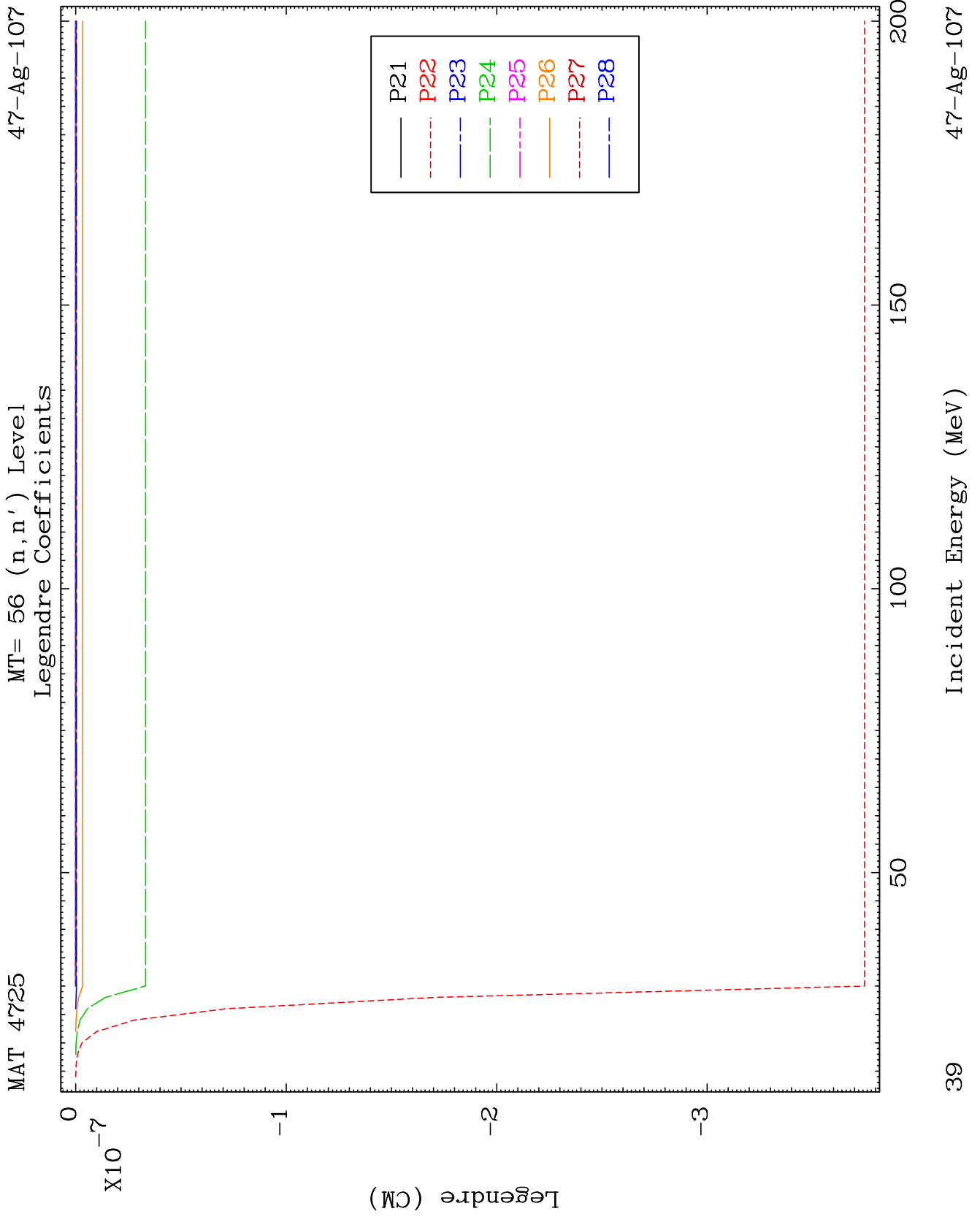


37

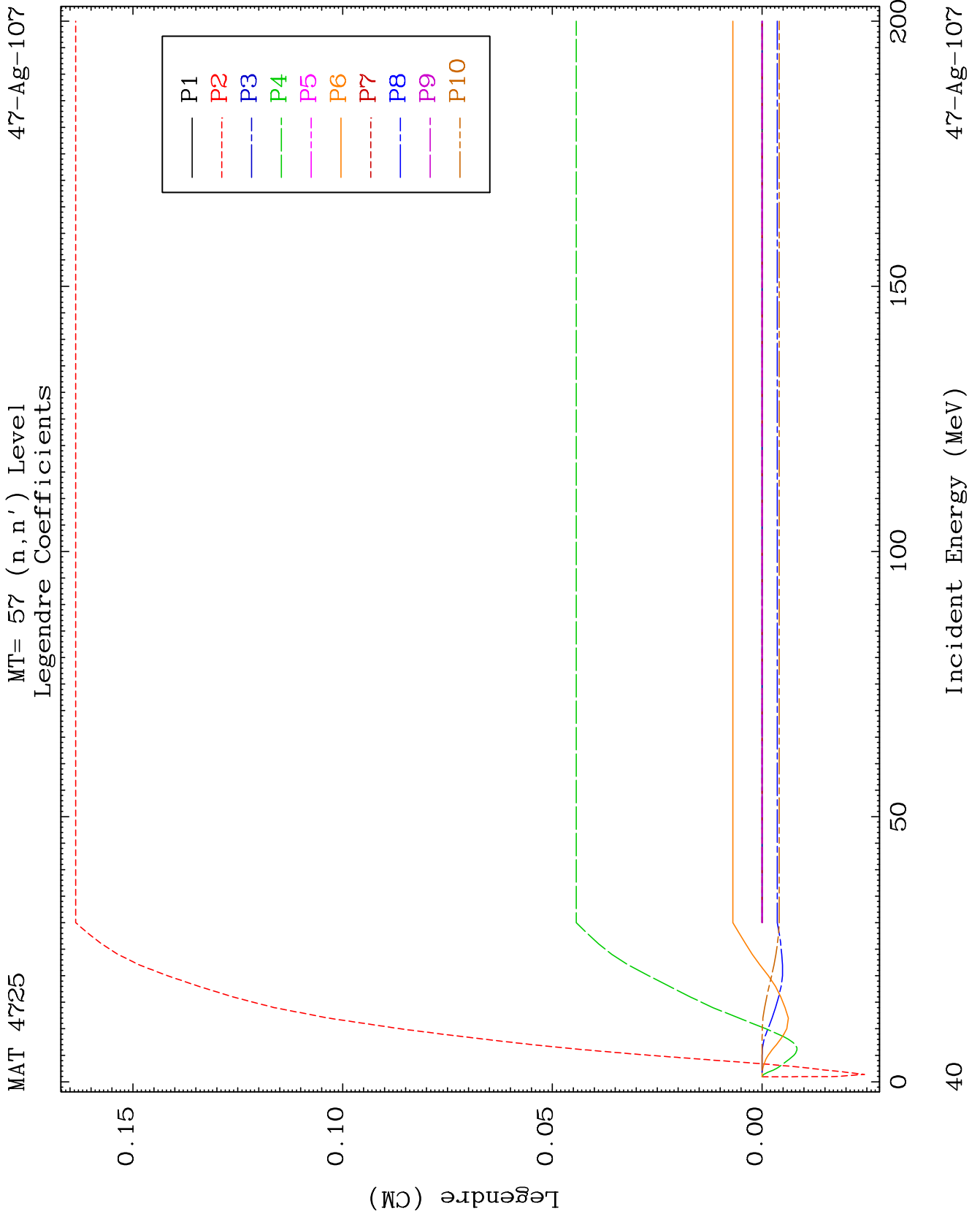
Incident Energy (MeV)

47-Ag-107





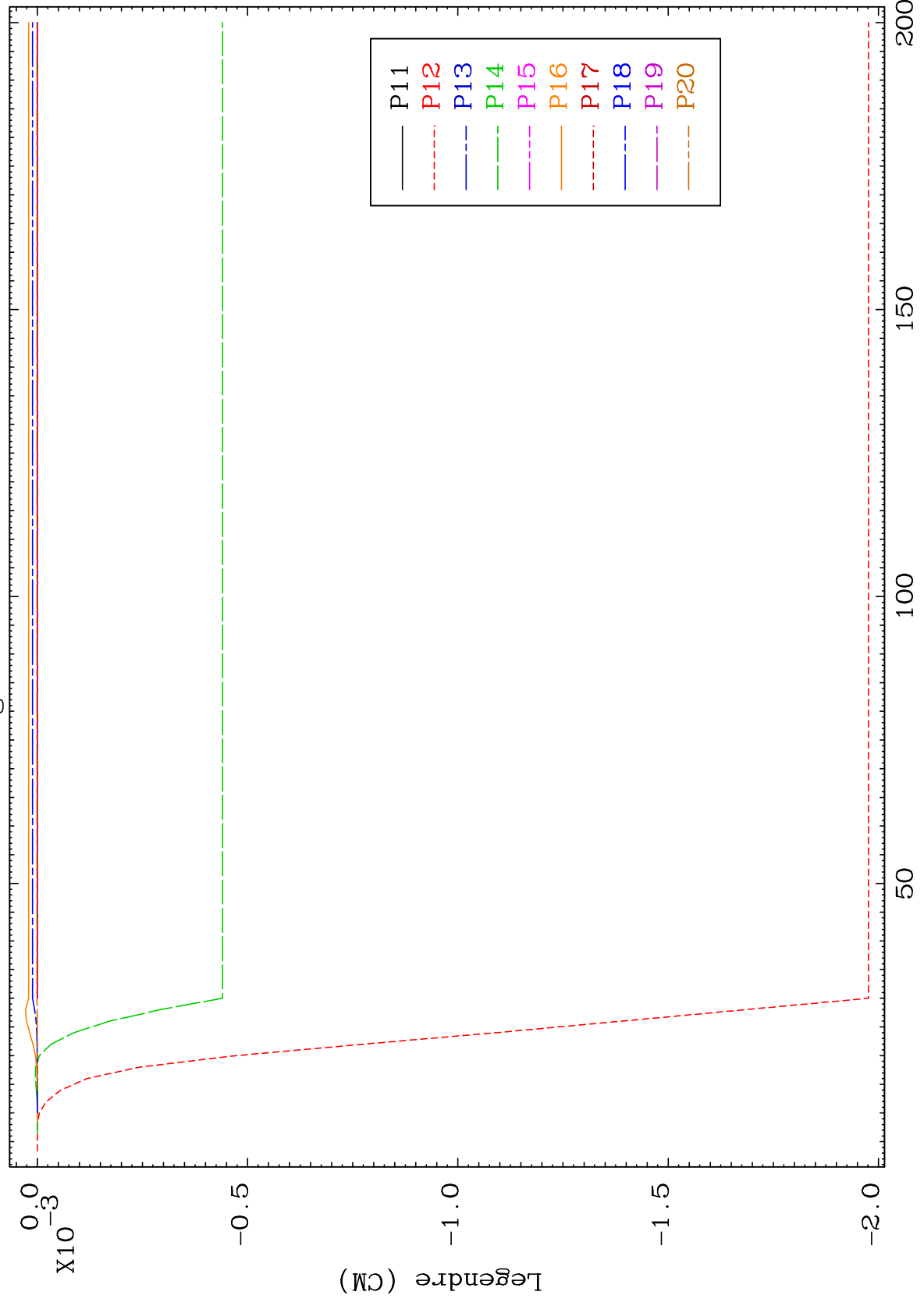




MAT 4725

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

47-Ag-107



41

Incident Energy (MeV)

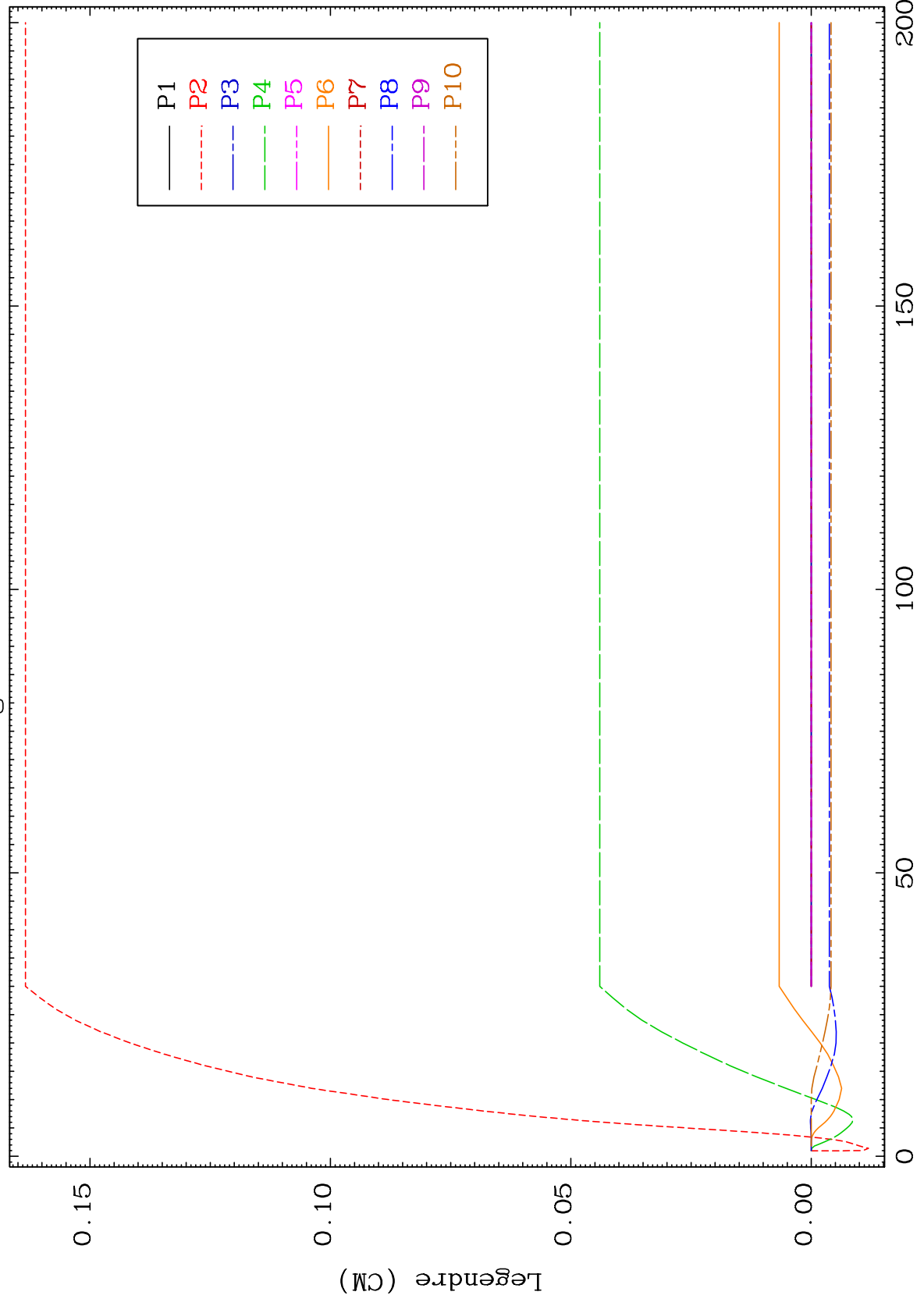
47-Ag-107



MAT 4725

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

47-Ag-107



43

Incident Energy (MeV)

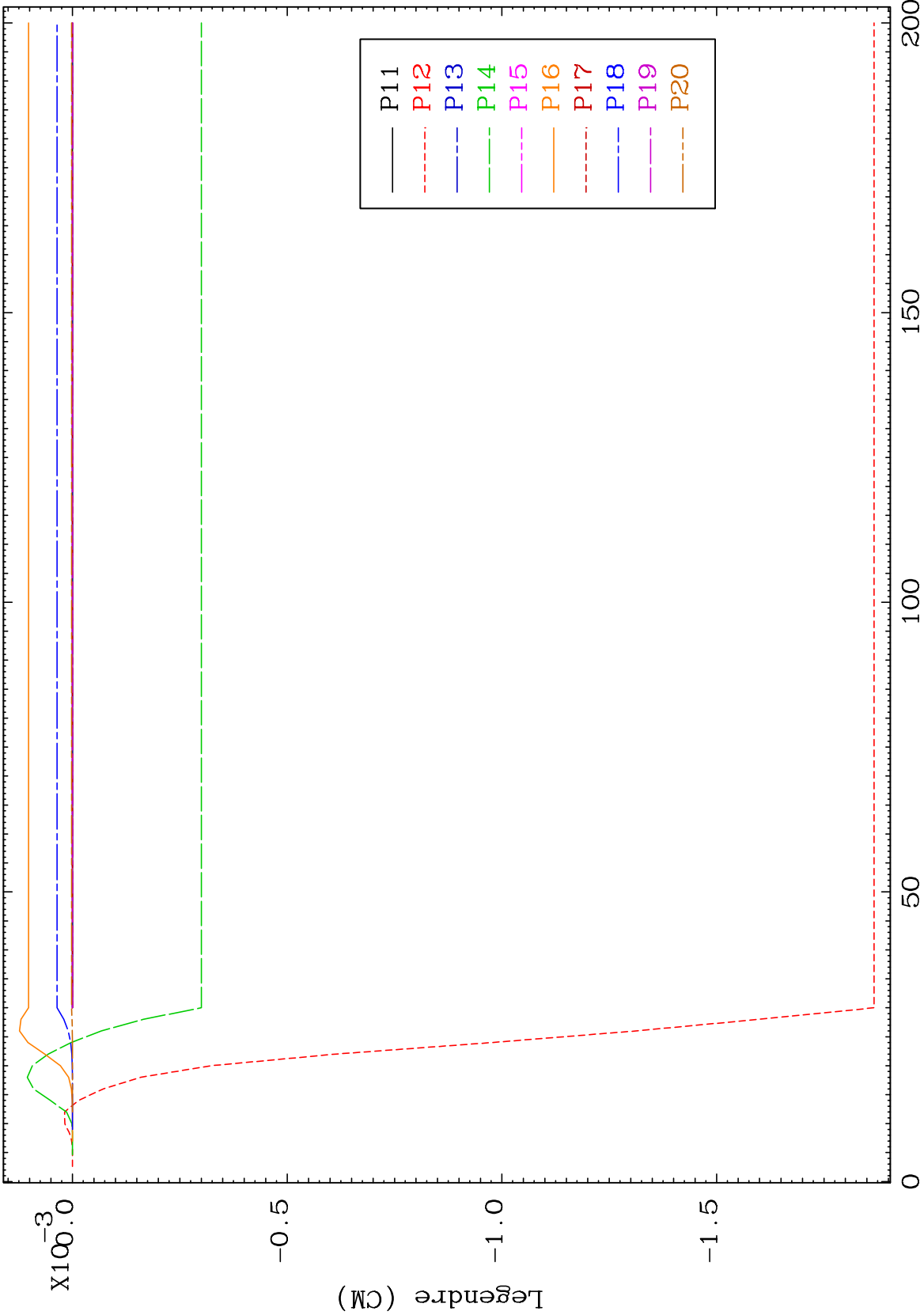
47-Ag-107

MAT 4725

MT= 58 (n,n') Level

47-Ag-107

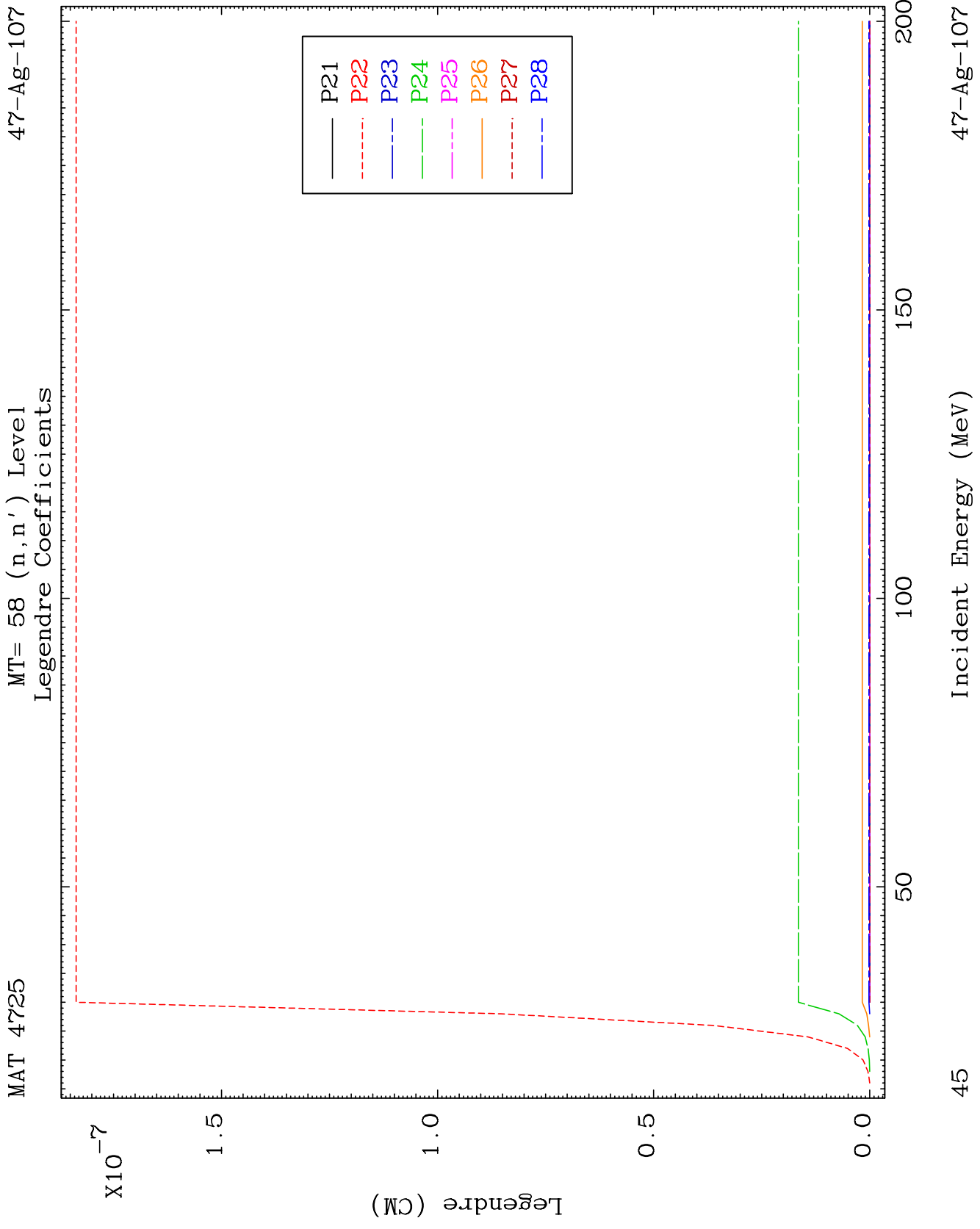
Legendre Coefficients



44

Incident Energy (MeV)

47-Ag-107

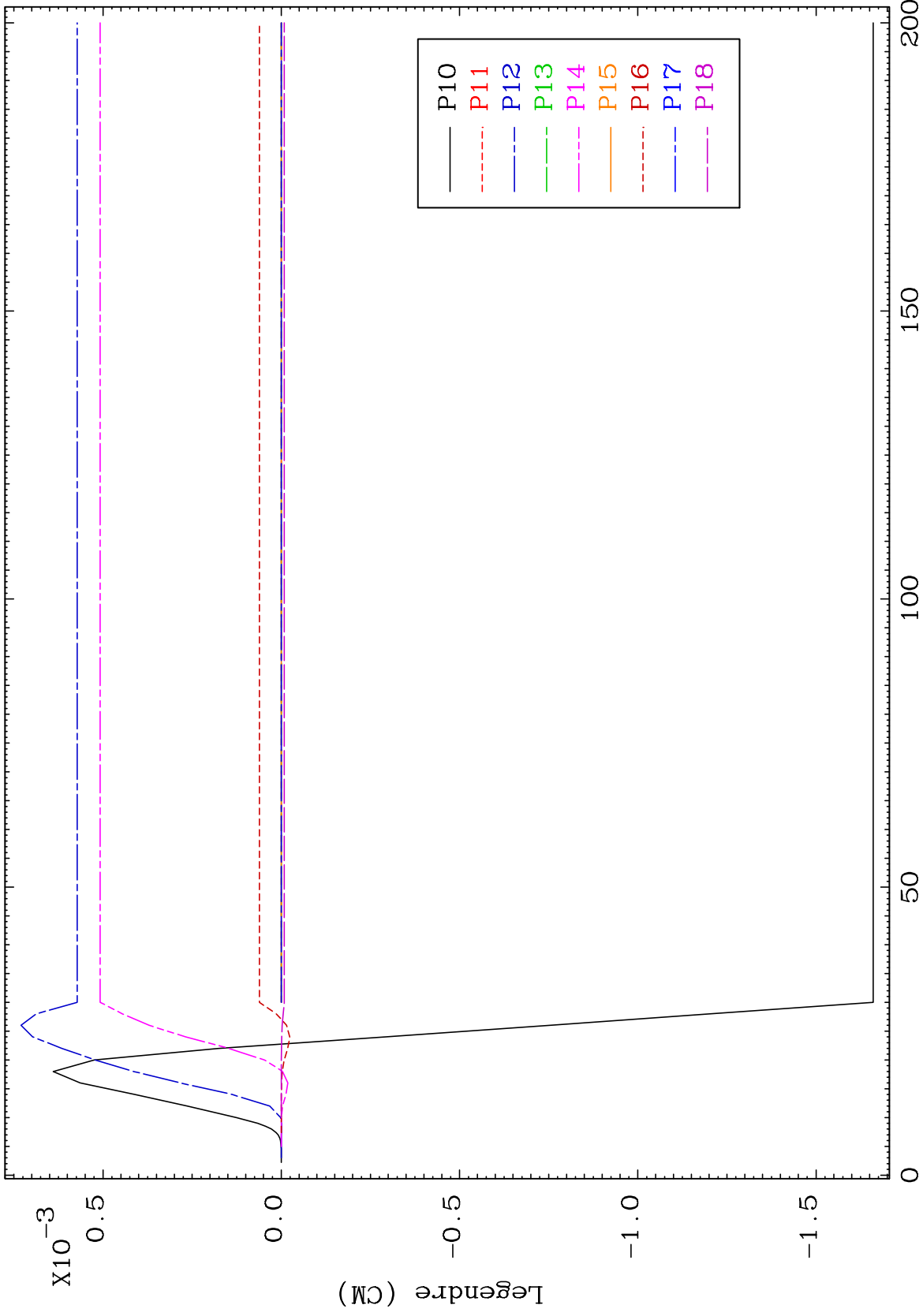




MAT 4725

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

47-Ag-107

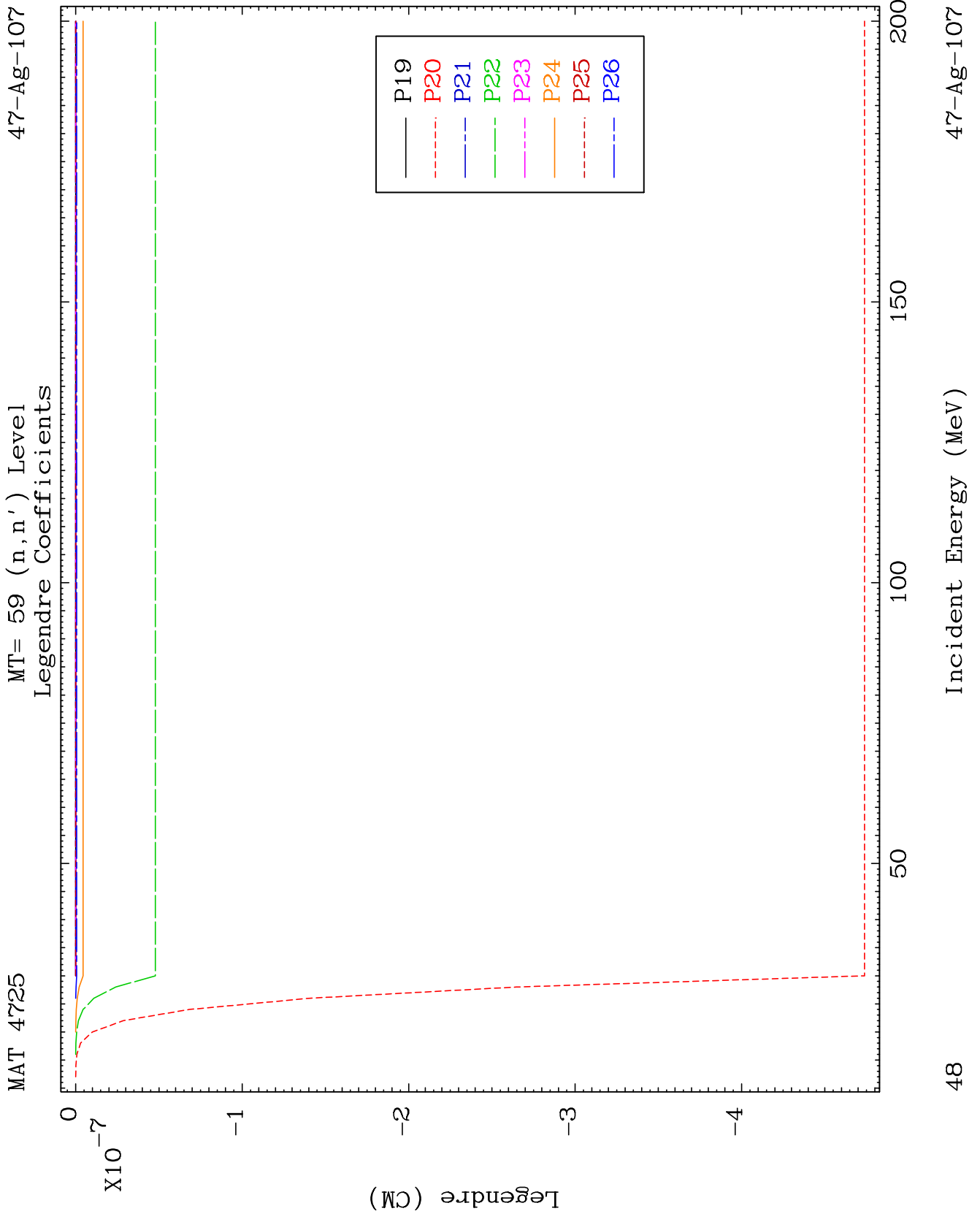


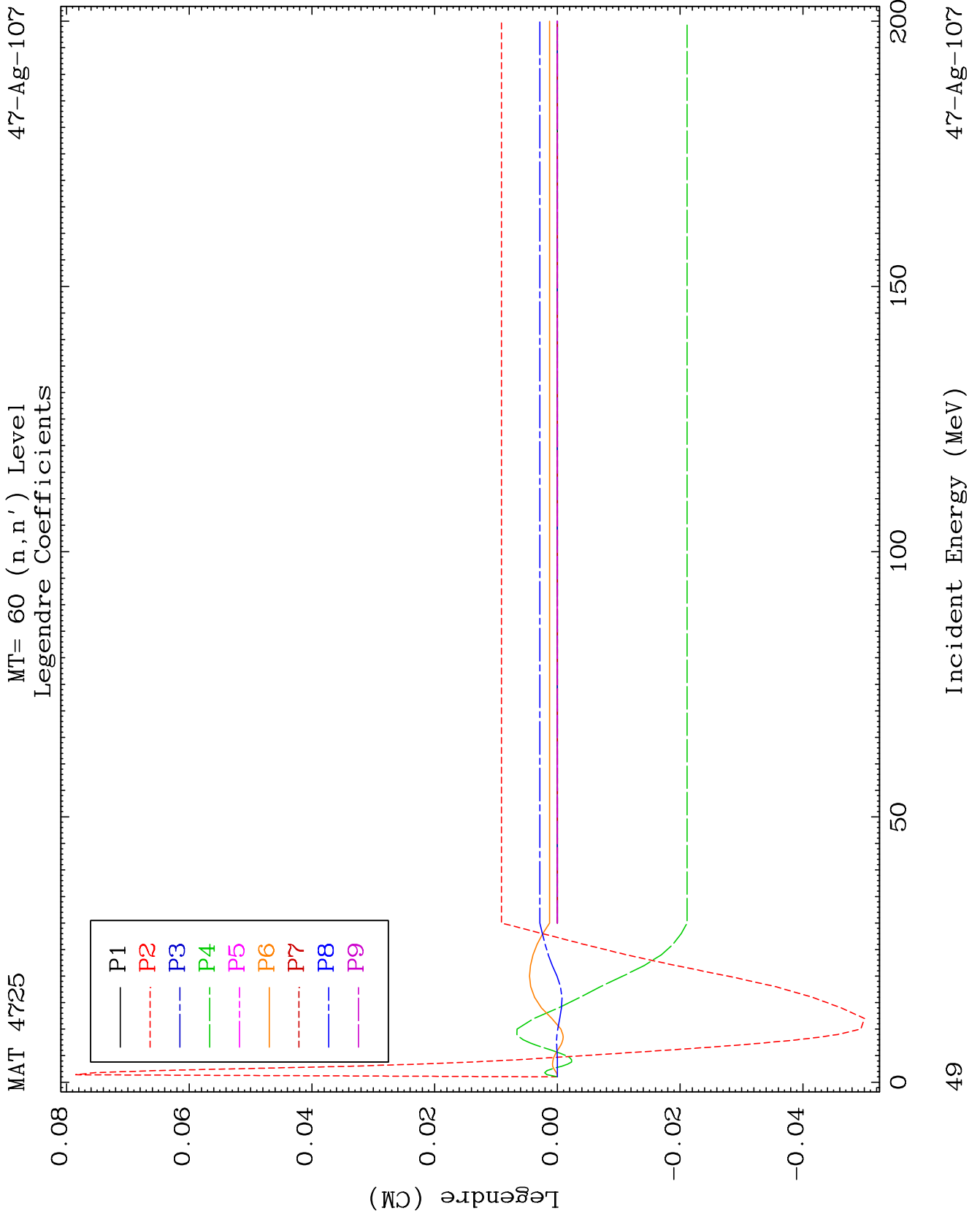
47

Incident Energy (MeV)

47-Ag-107



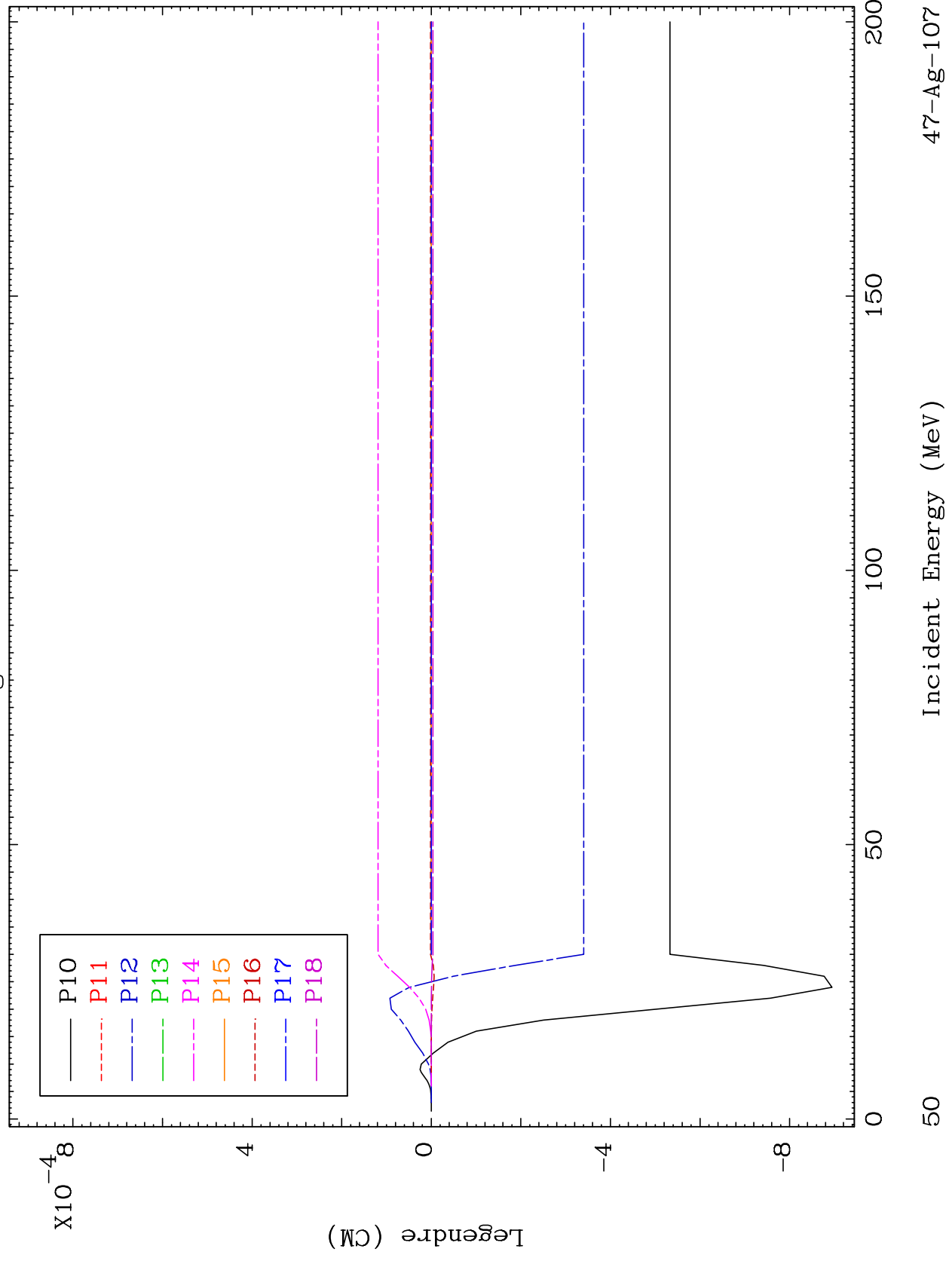


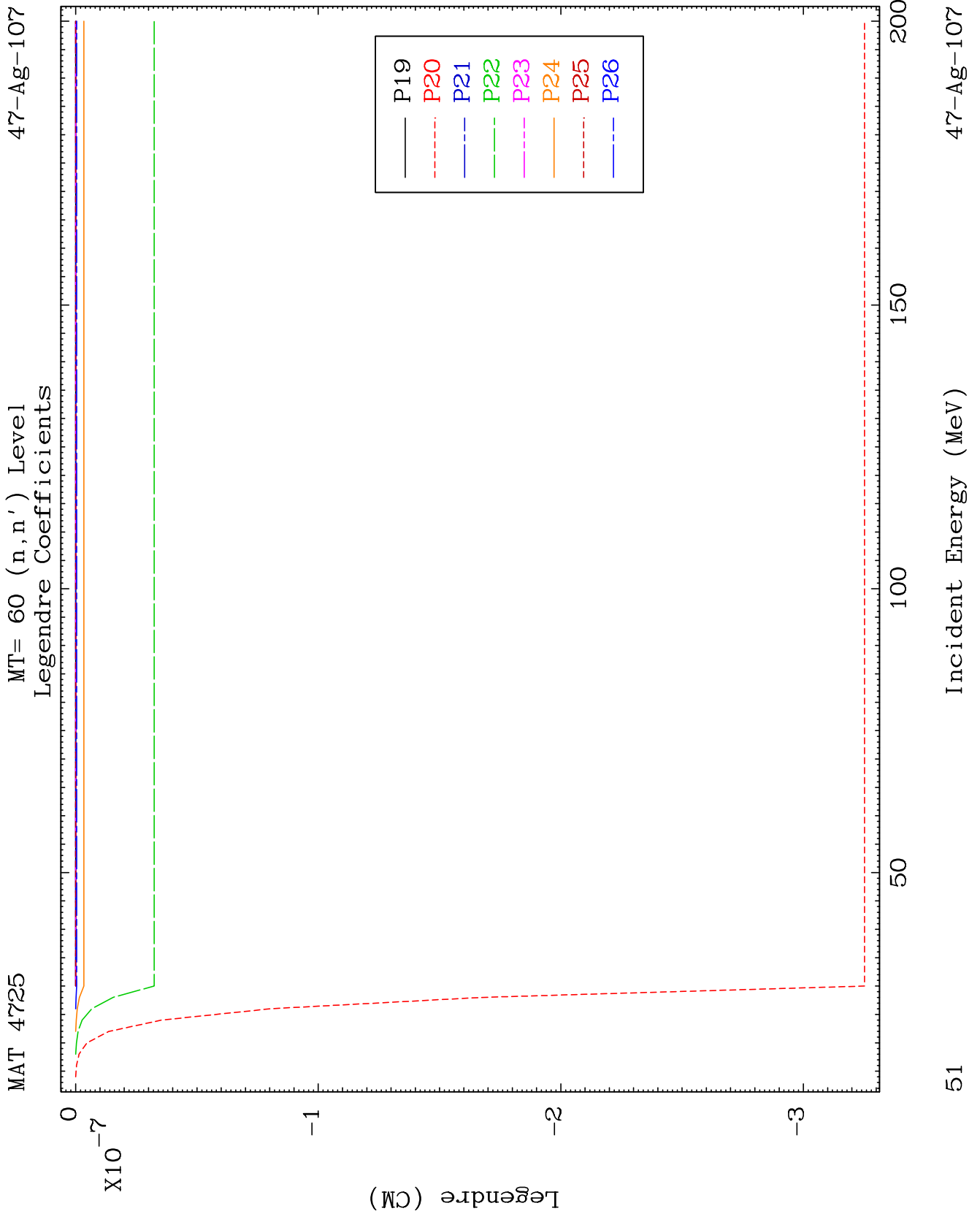


MAT 4725

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

47-Ag-107

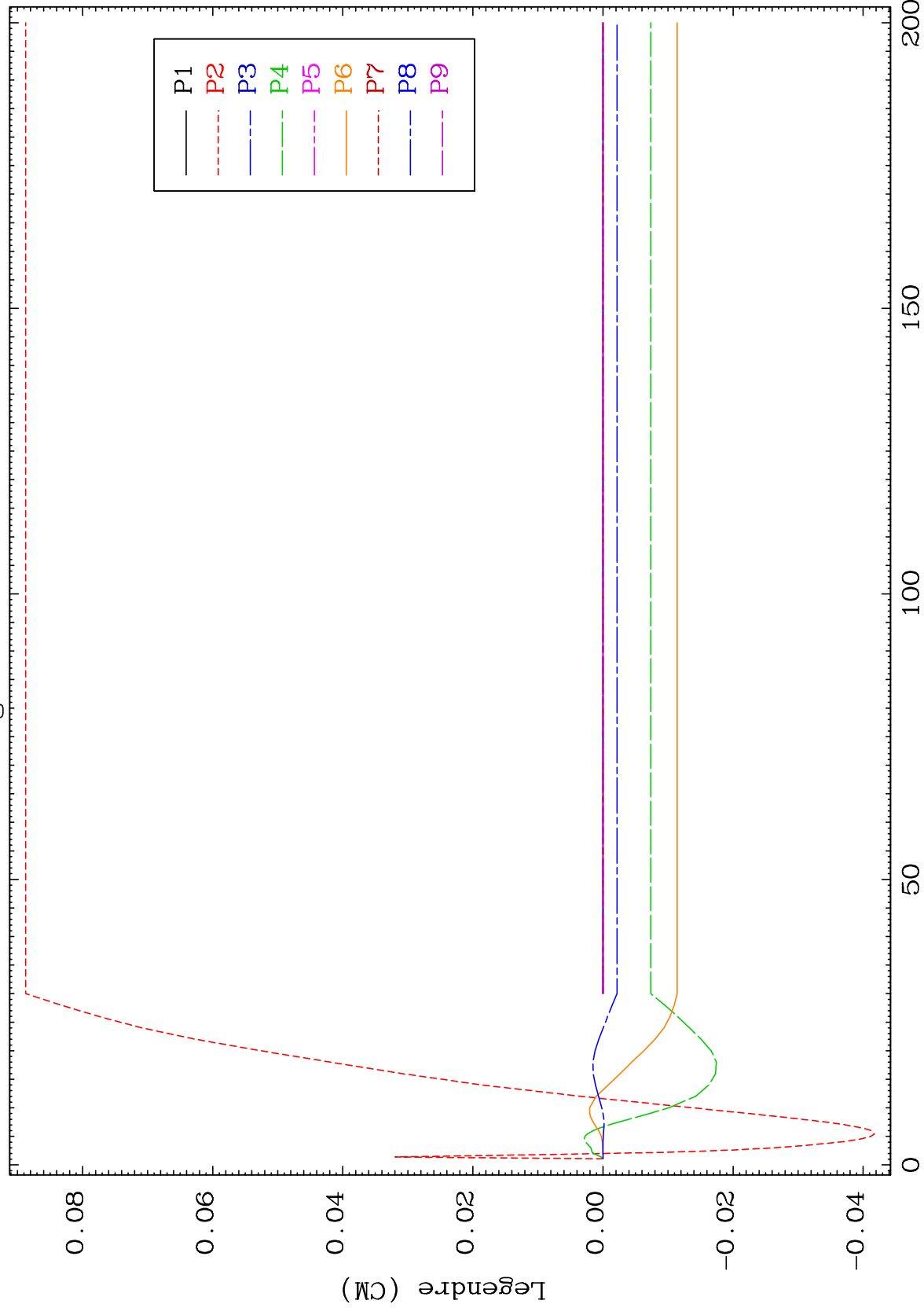




MAT 4725

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

47-Ag-107



47-Ag-107

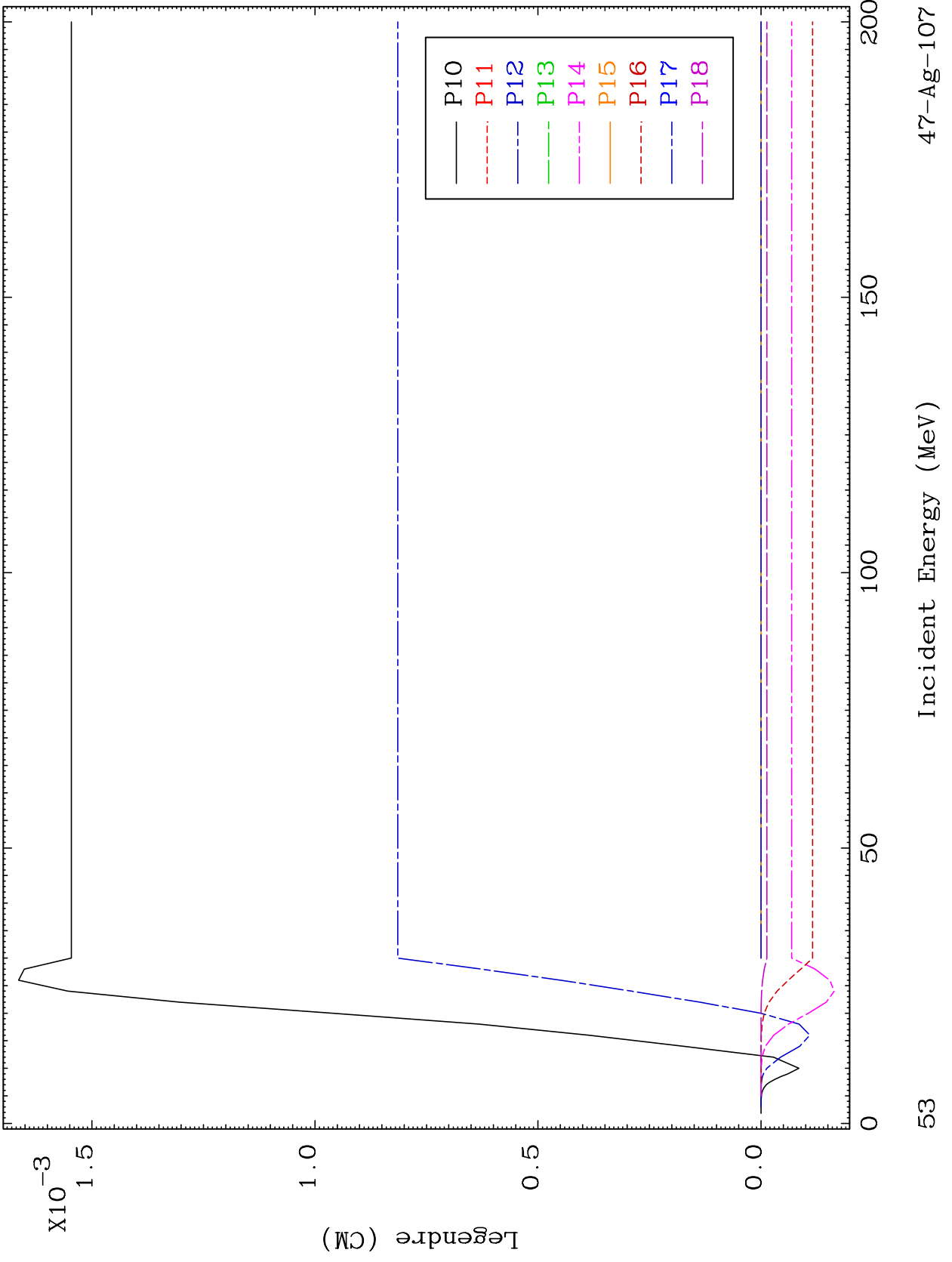
Incident Energy (MeV)

52

MAT 4725

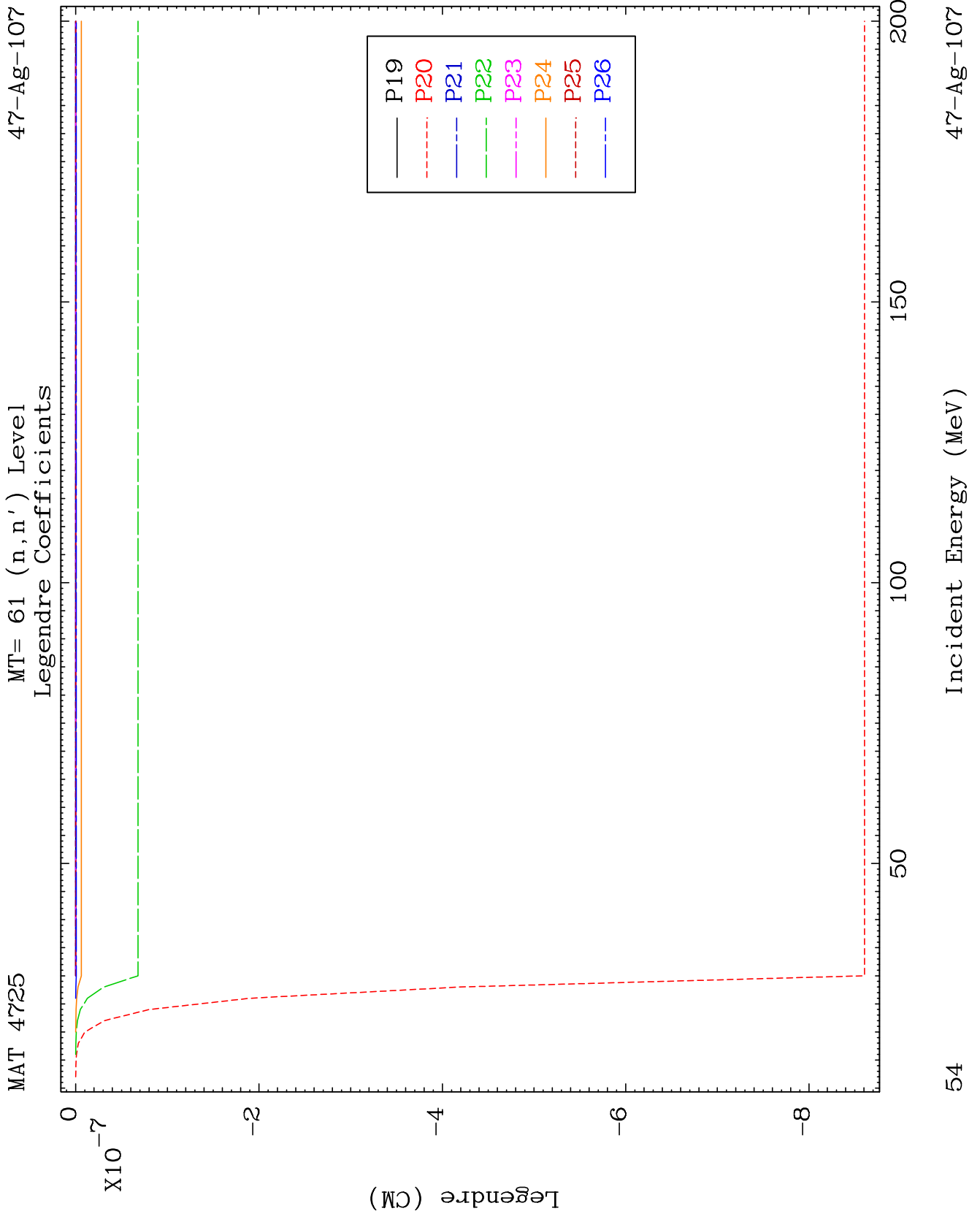
MT= 61 (n,n') Level  
Legendre Coefficients

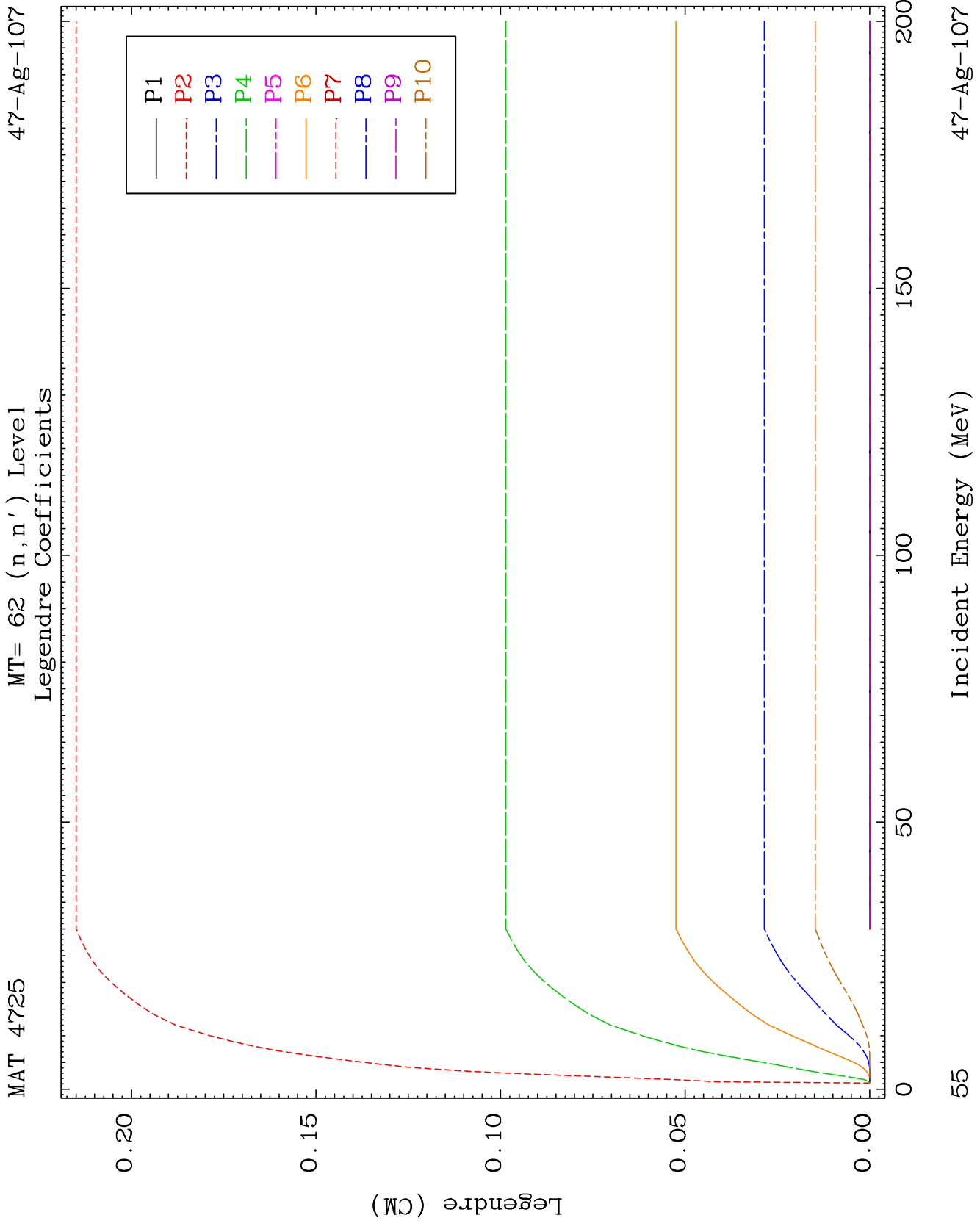
47-Ag-107



53

47-Ag-107



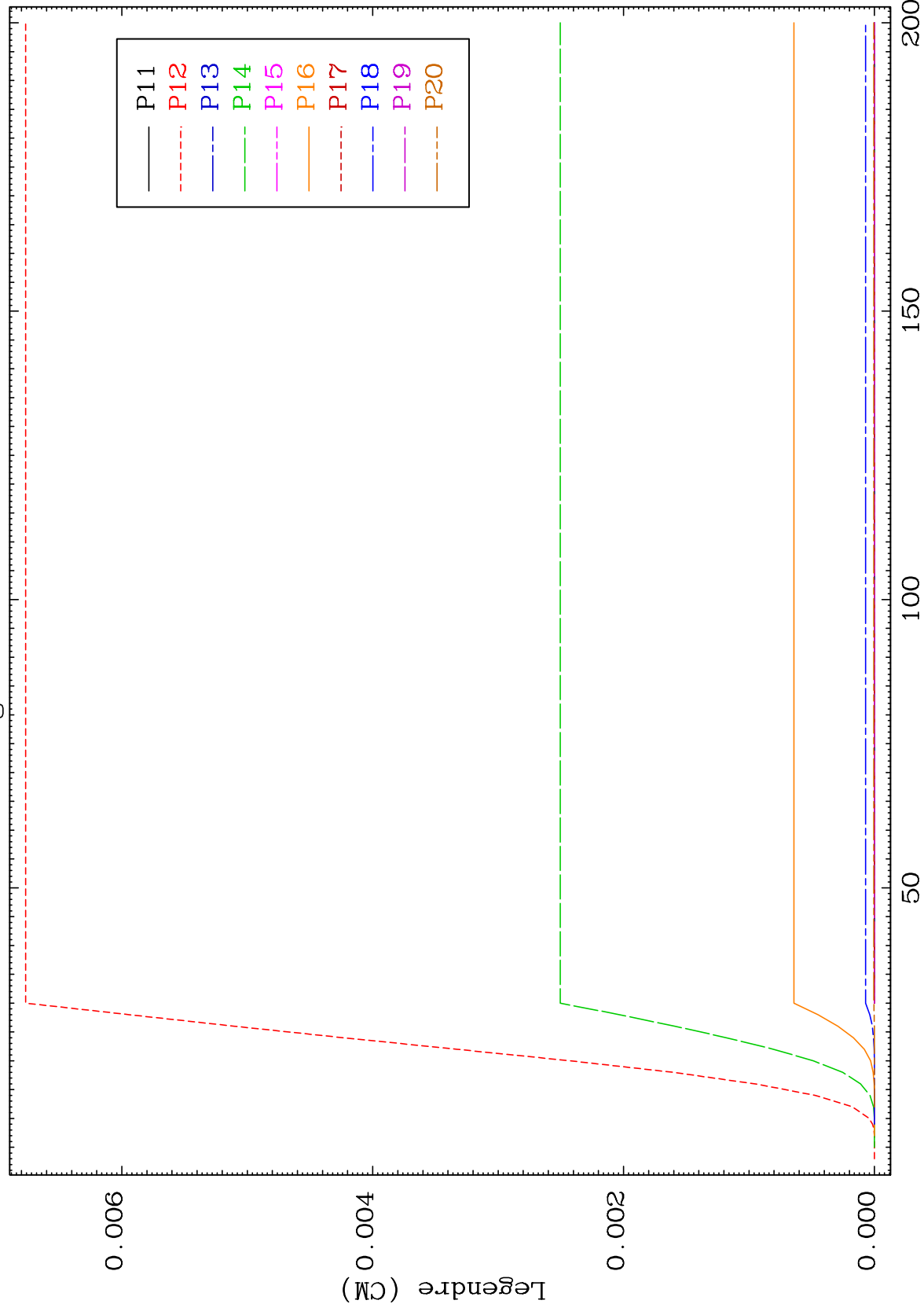




MAT 4725

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

47-Ag-107



56

Incident Energy (MeV)

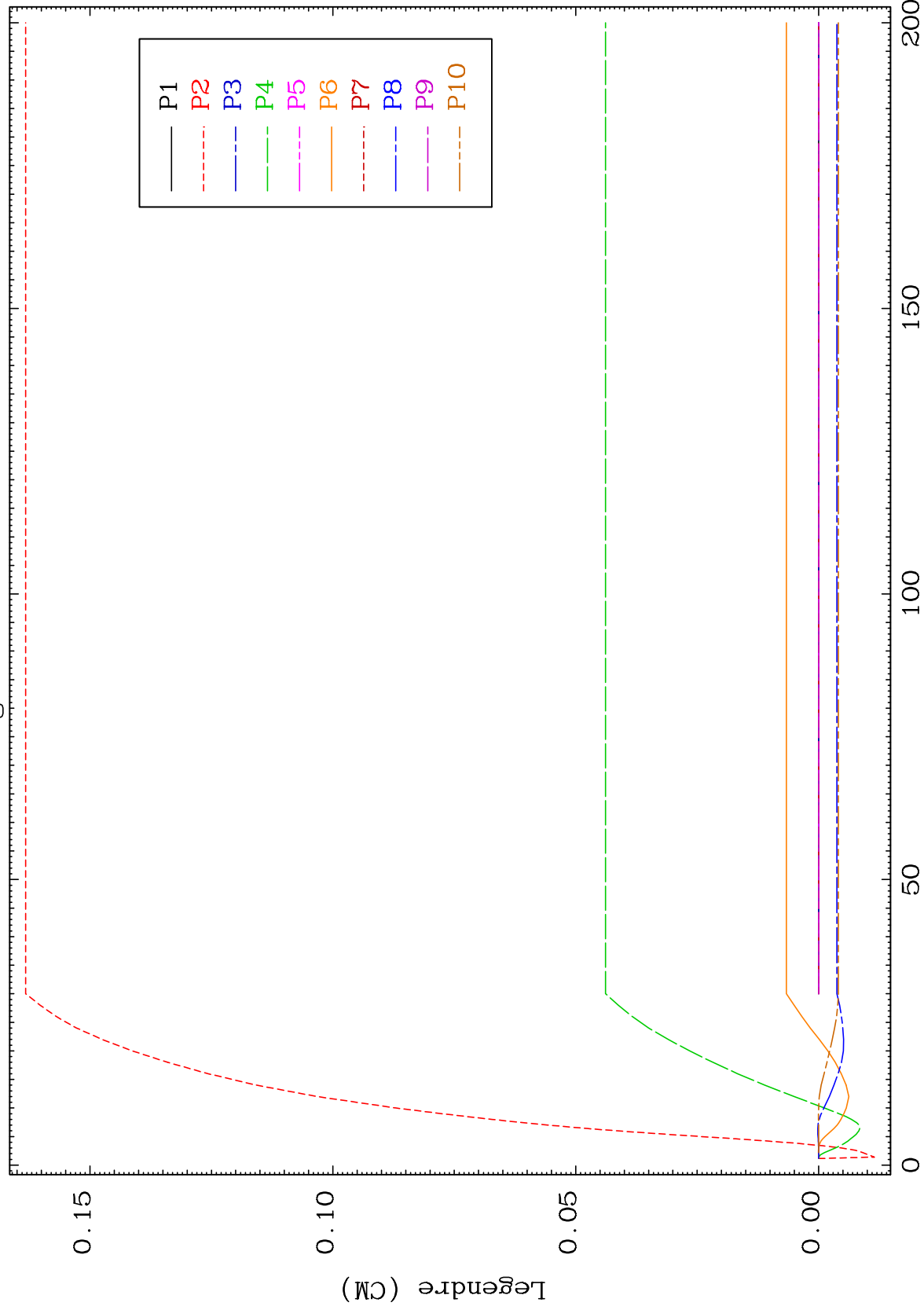
47-Ag-107



MAT 4725

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

47-Ag-107



58

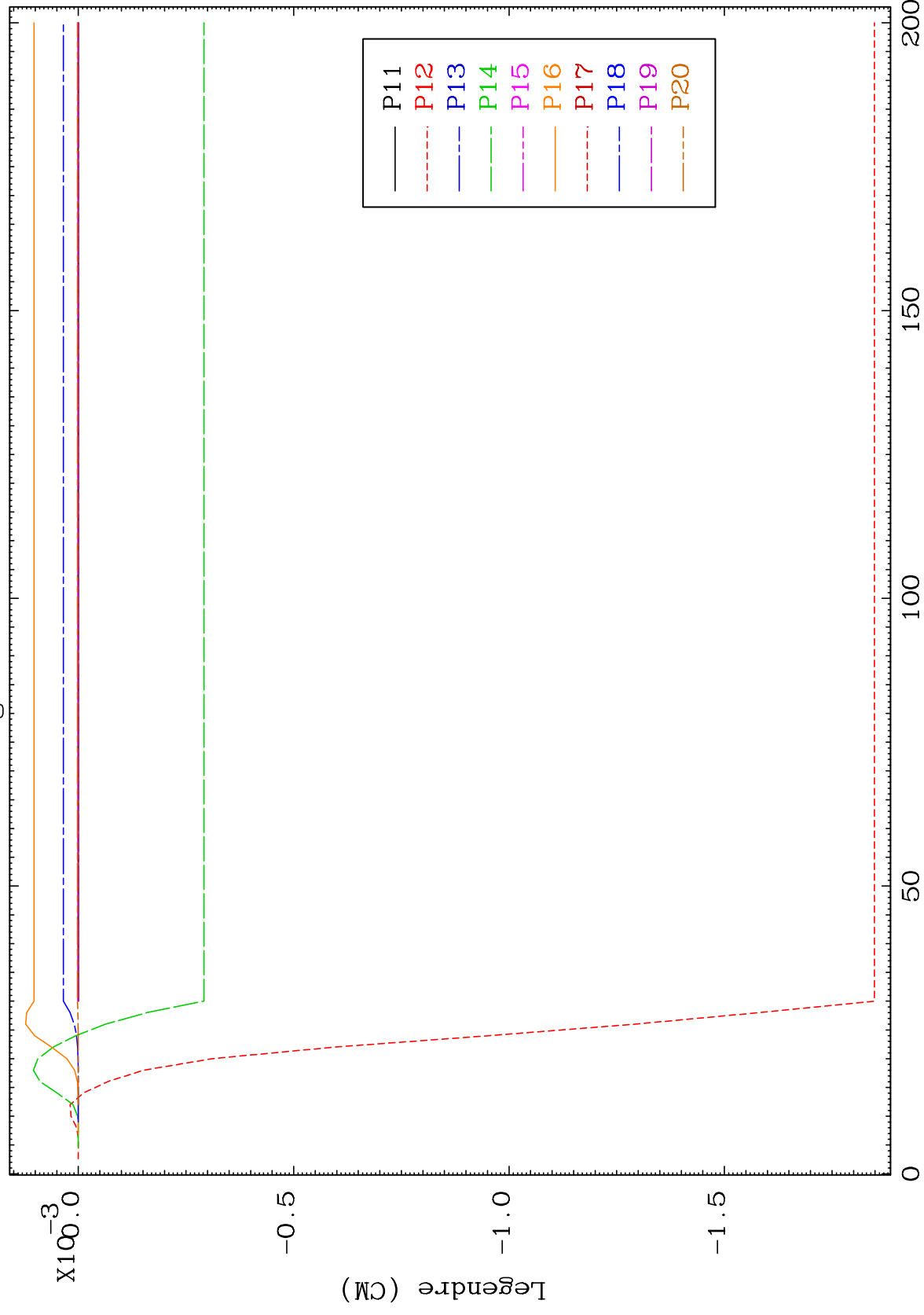
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

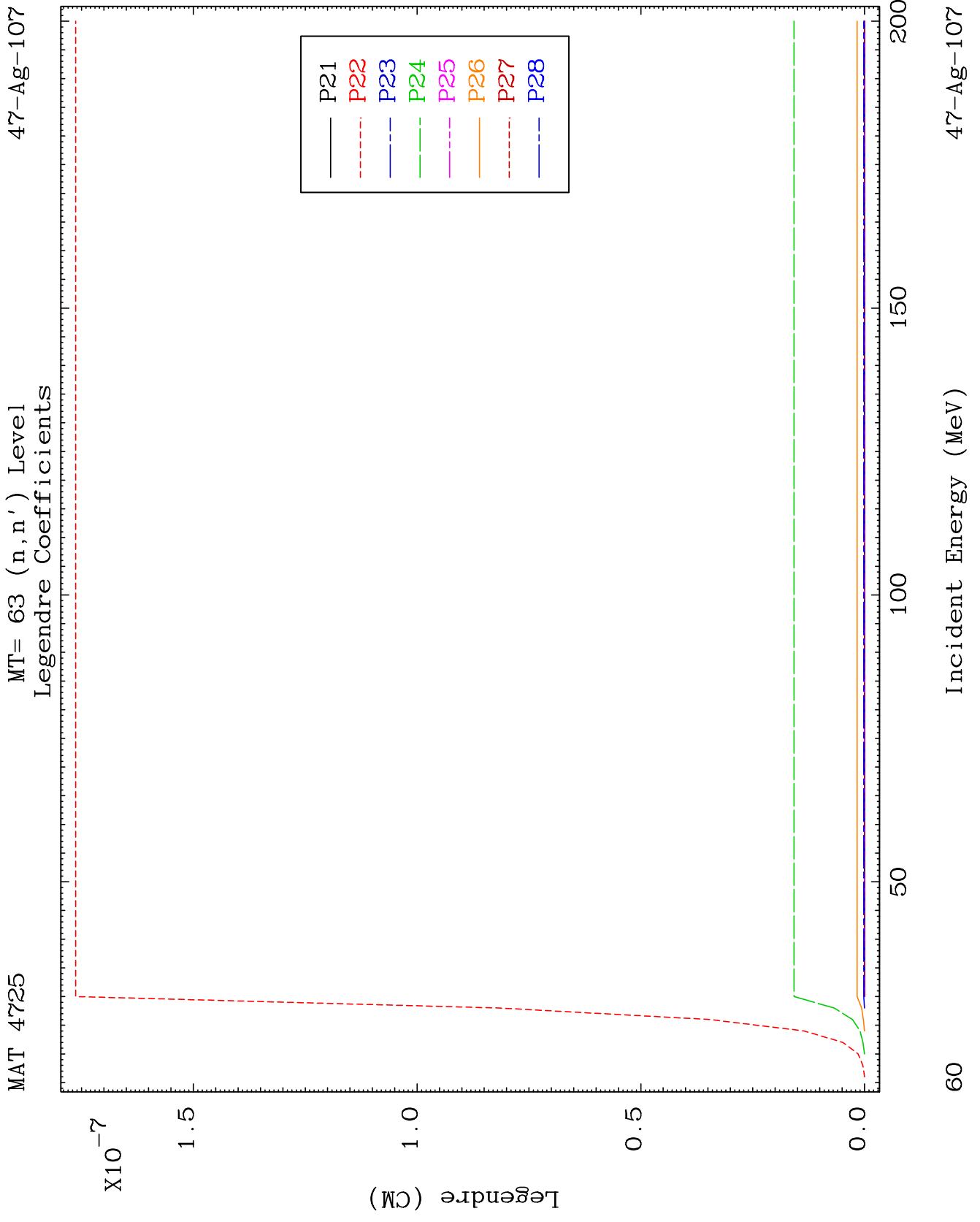
47-Ag-107



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Incident Energy (MeV)

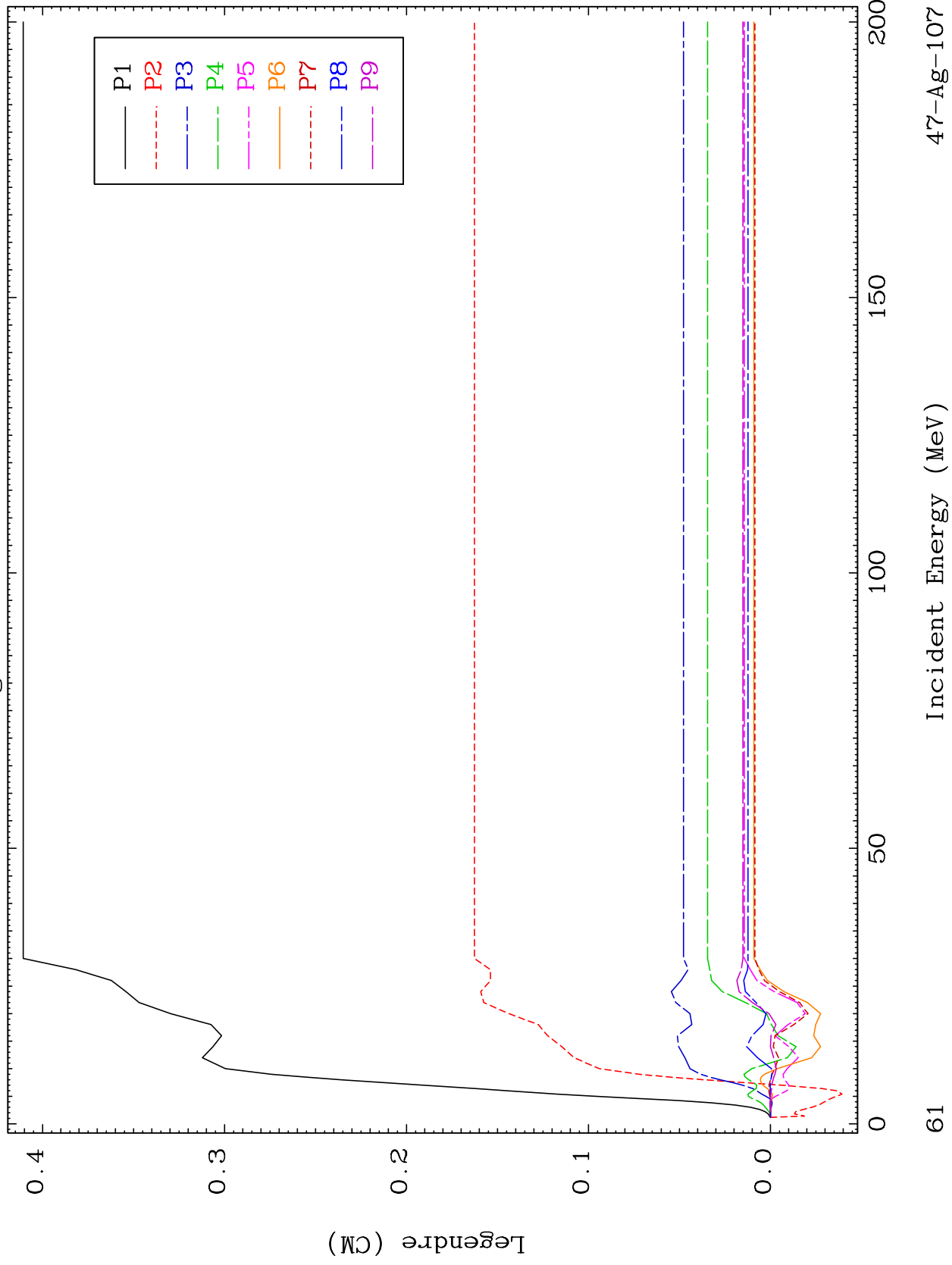
47-Ag-107



MAT 4725

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

47-Ag-107

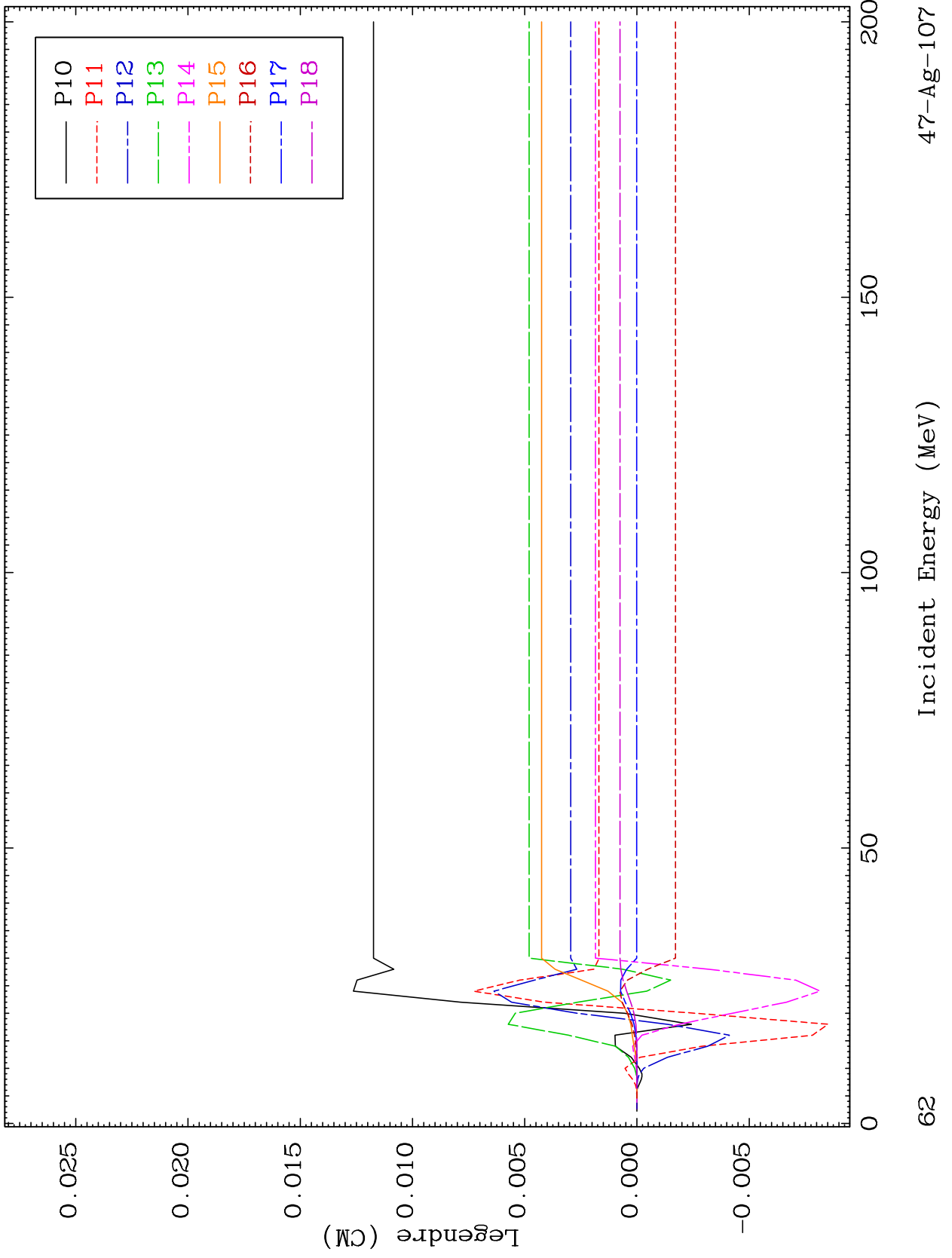


61

MAT 4725

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

47-Ag-107



47-Ag-107

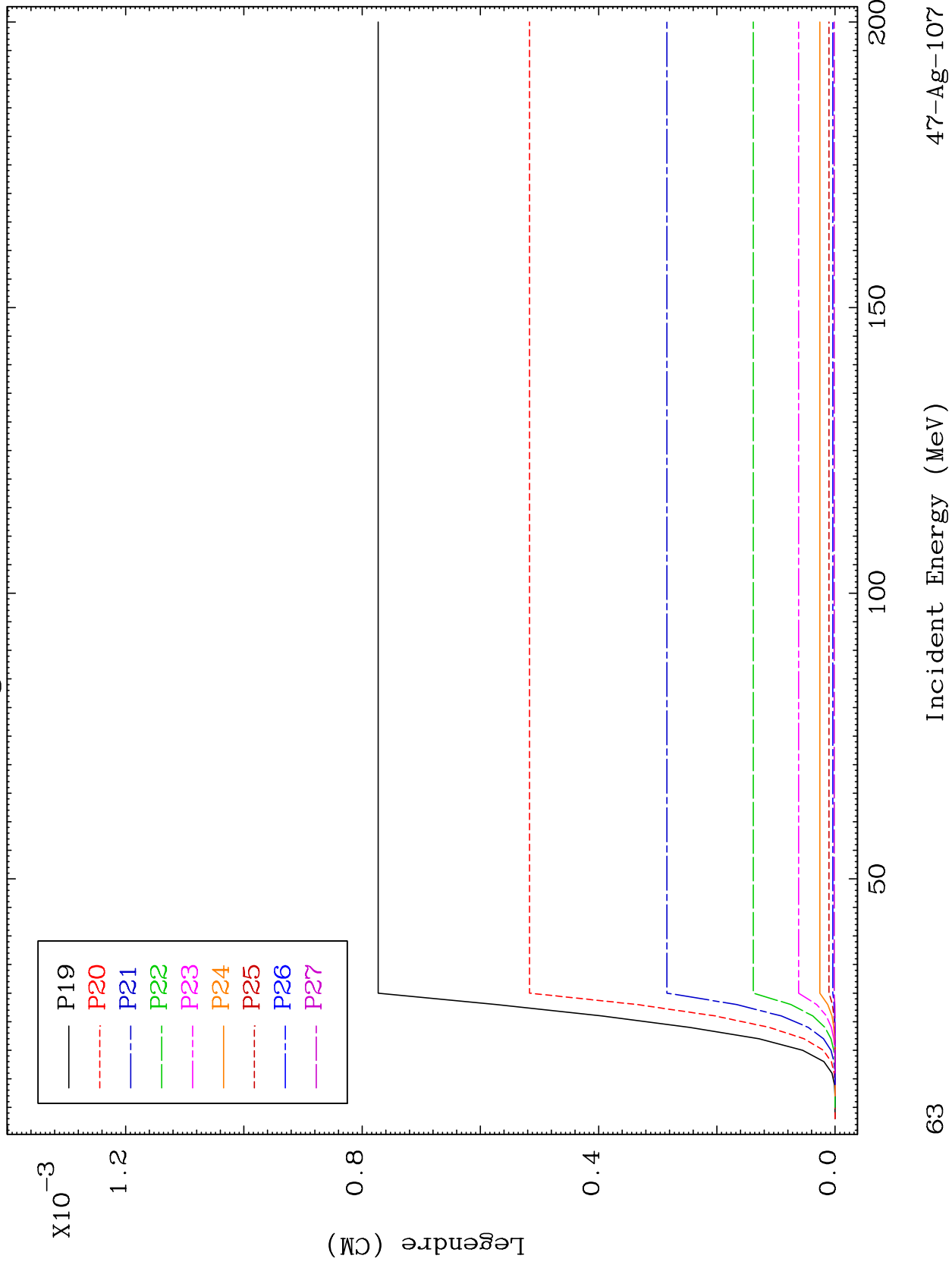
Incident Energy (MeV)

62

MAT 4725

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

47-Ag-107



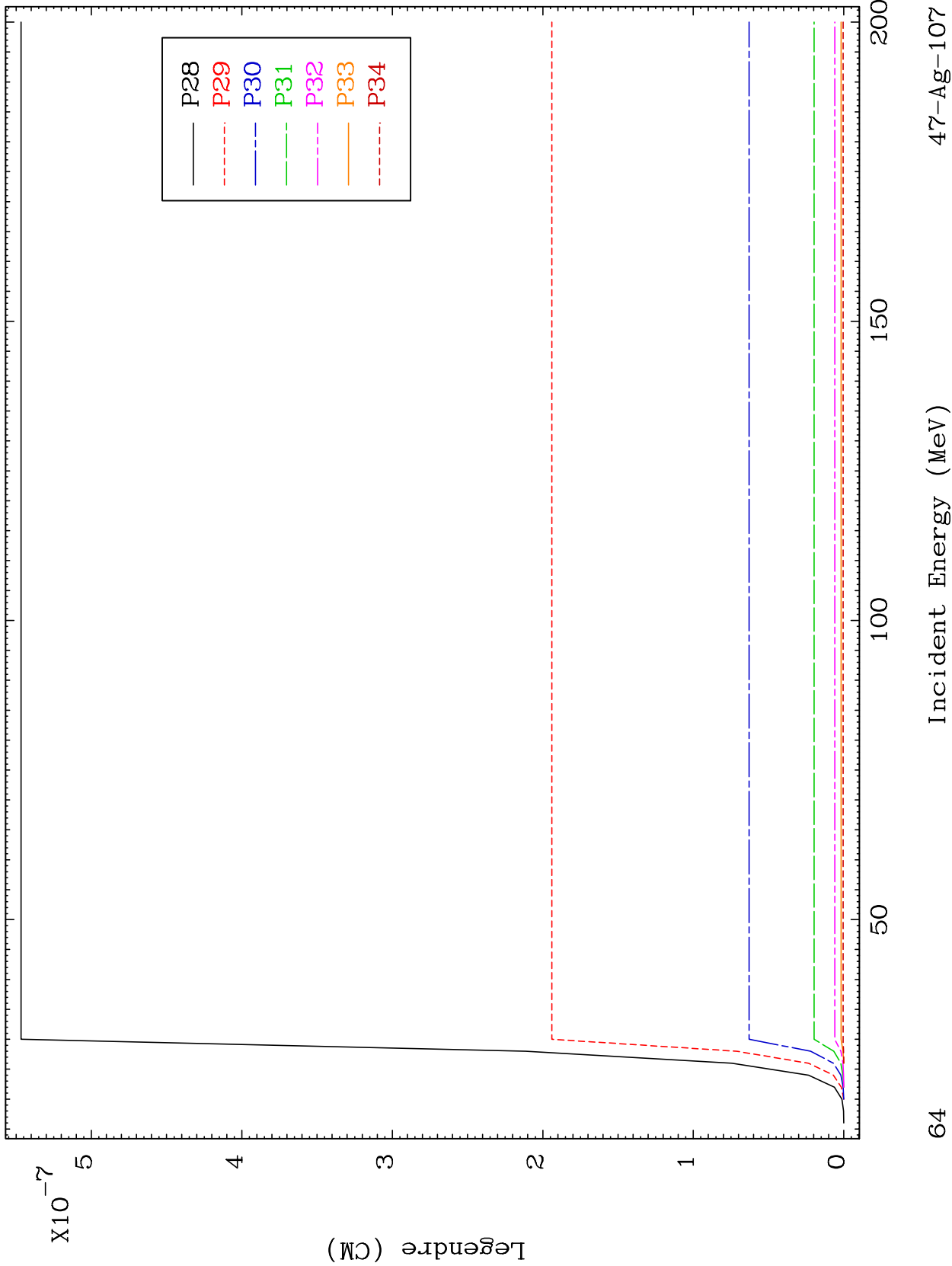
63



MAT 4725

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

47-Ag-107



64

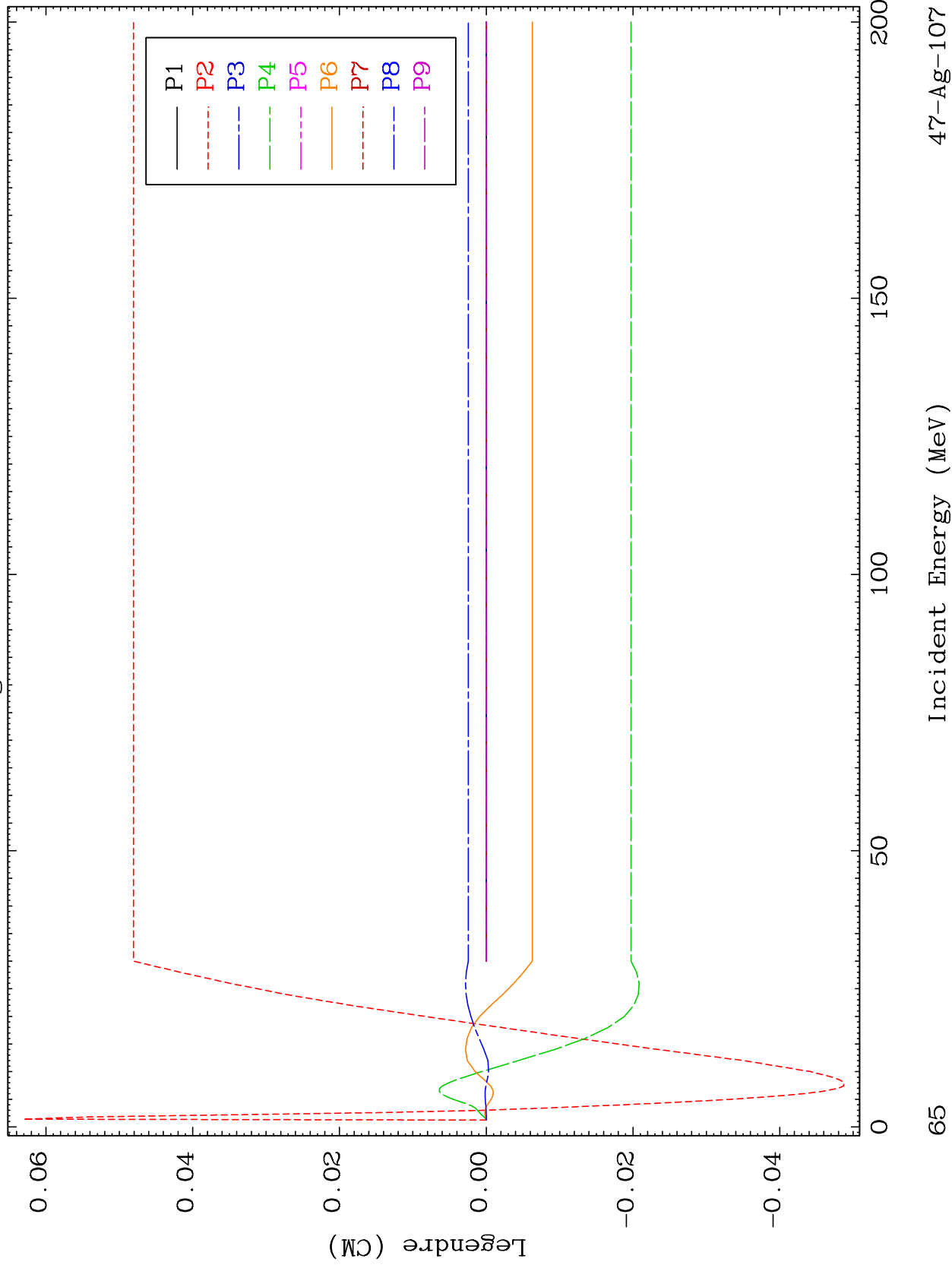
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

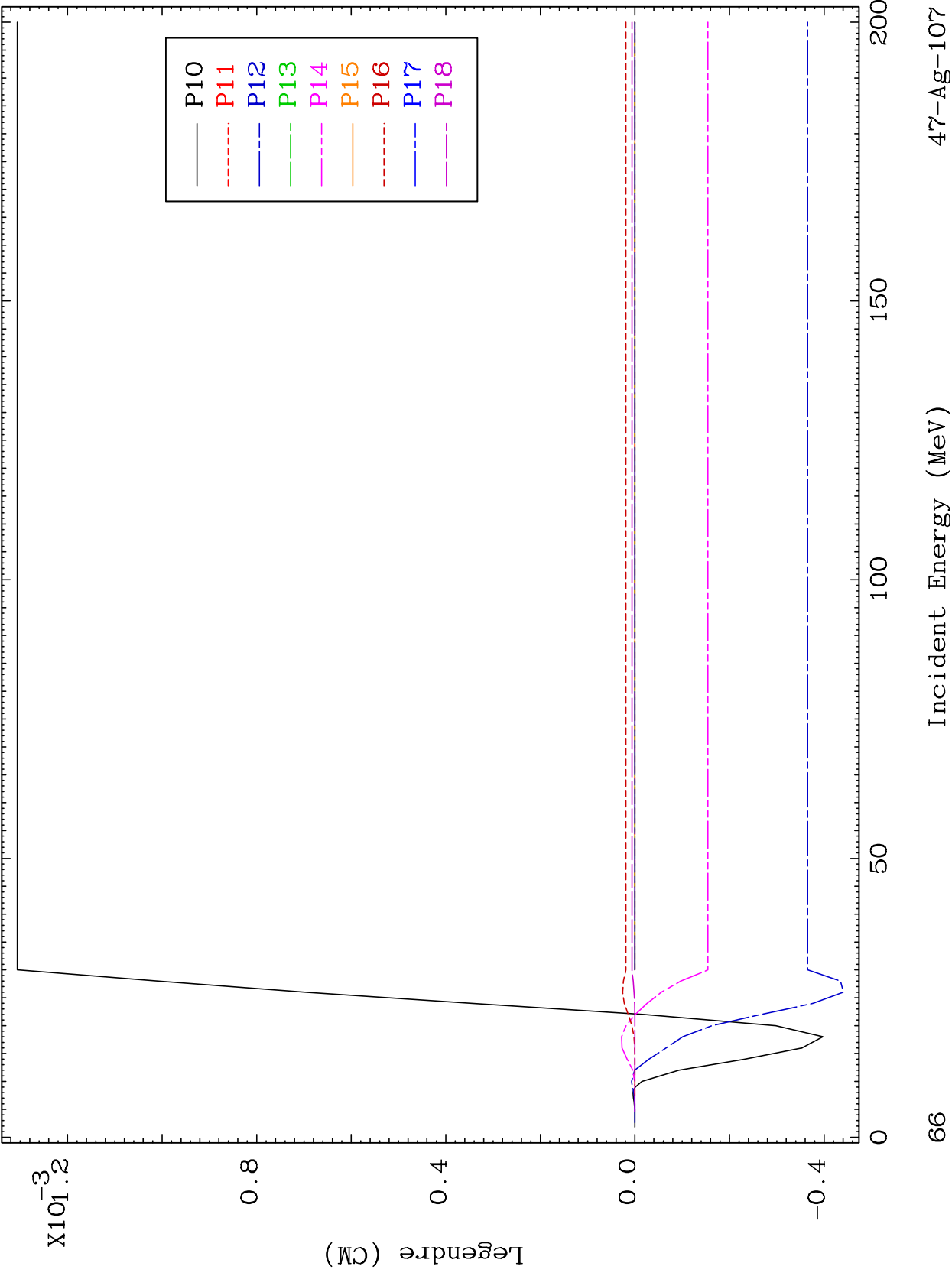
Incident Energy (MeV)

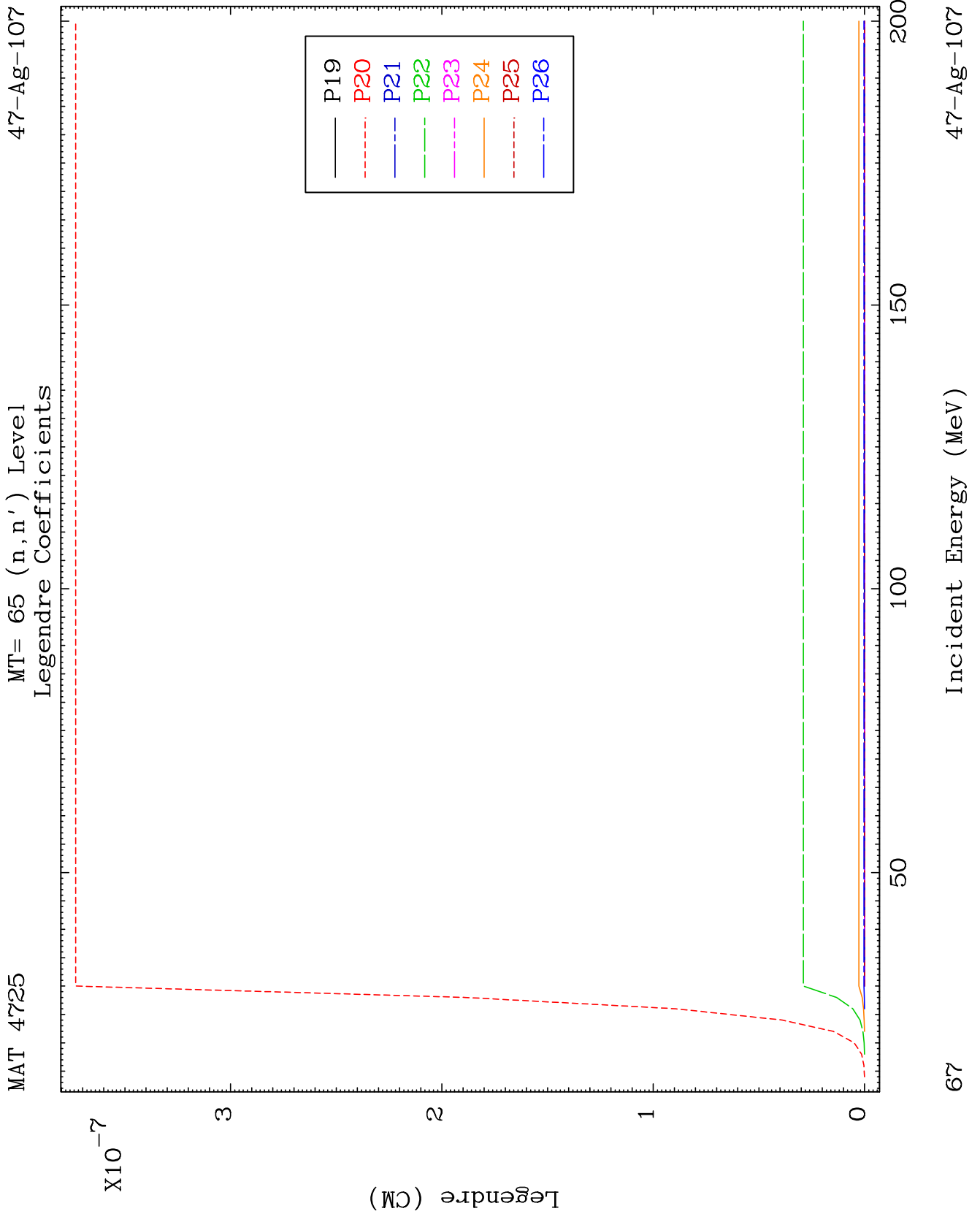
65

MAT 4725

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

47-Ag-107

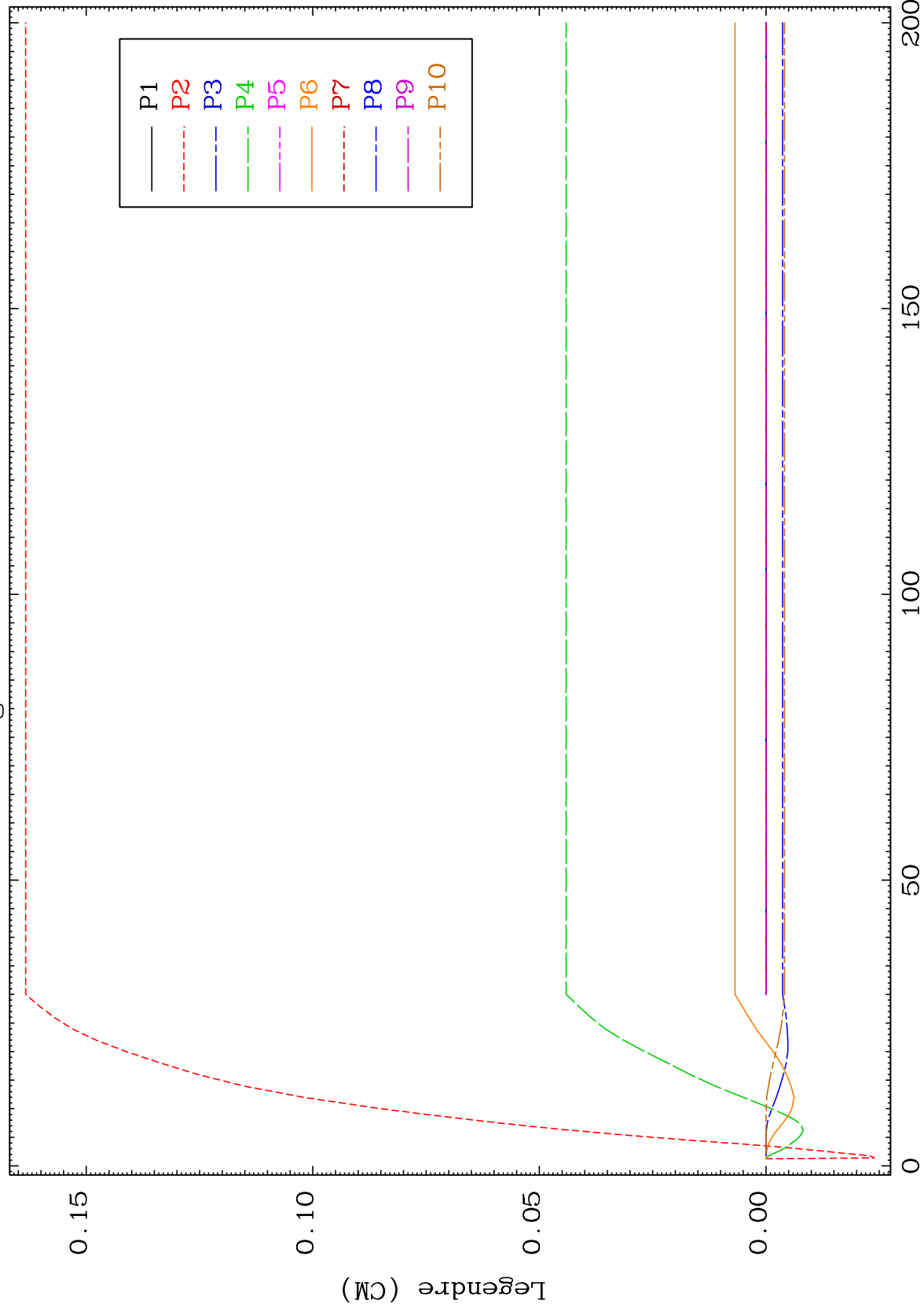




MAT 4725

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

47-Ag-107



68

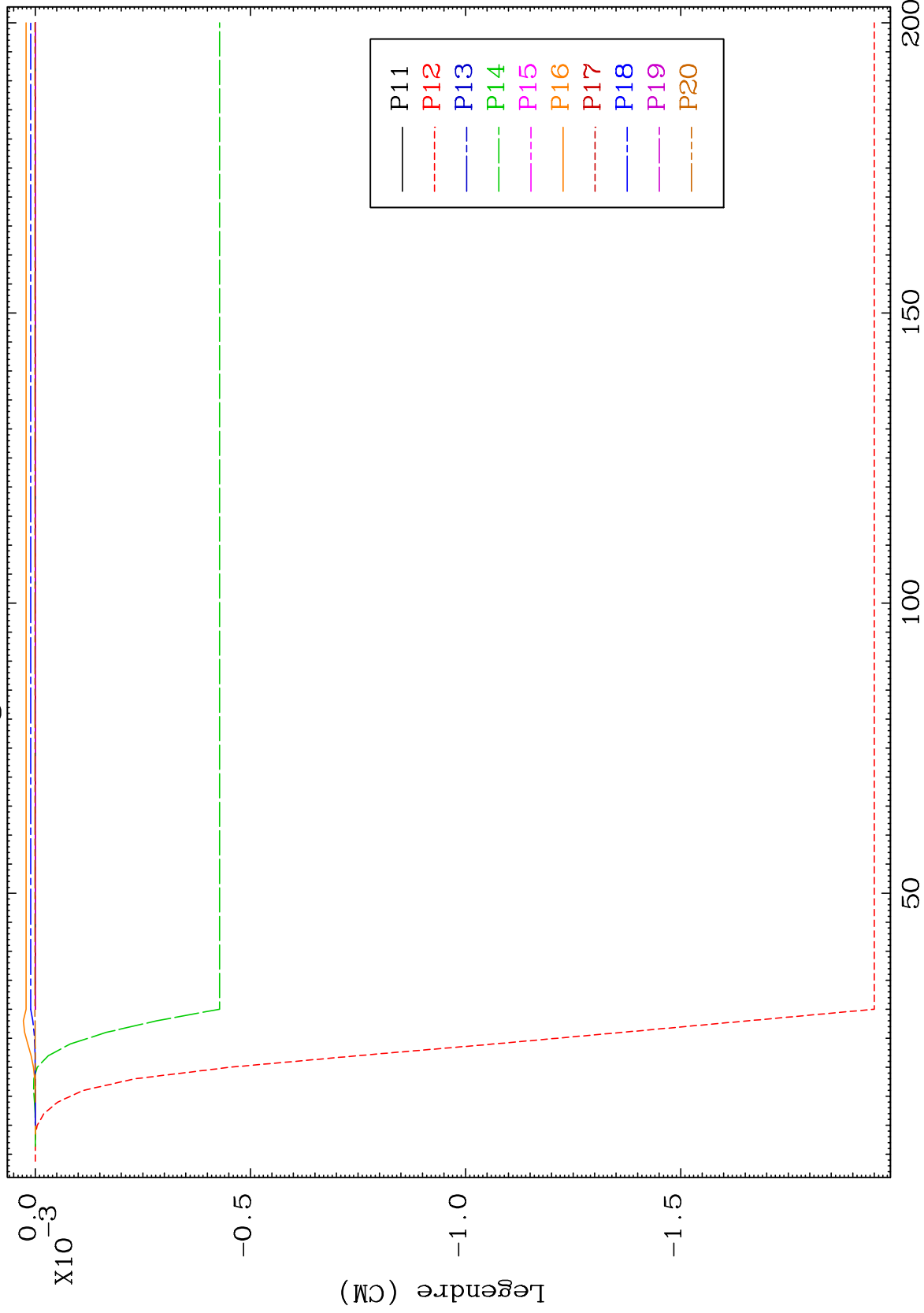
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

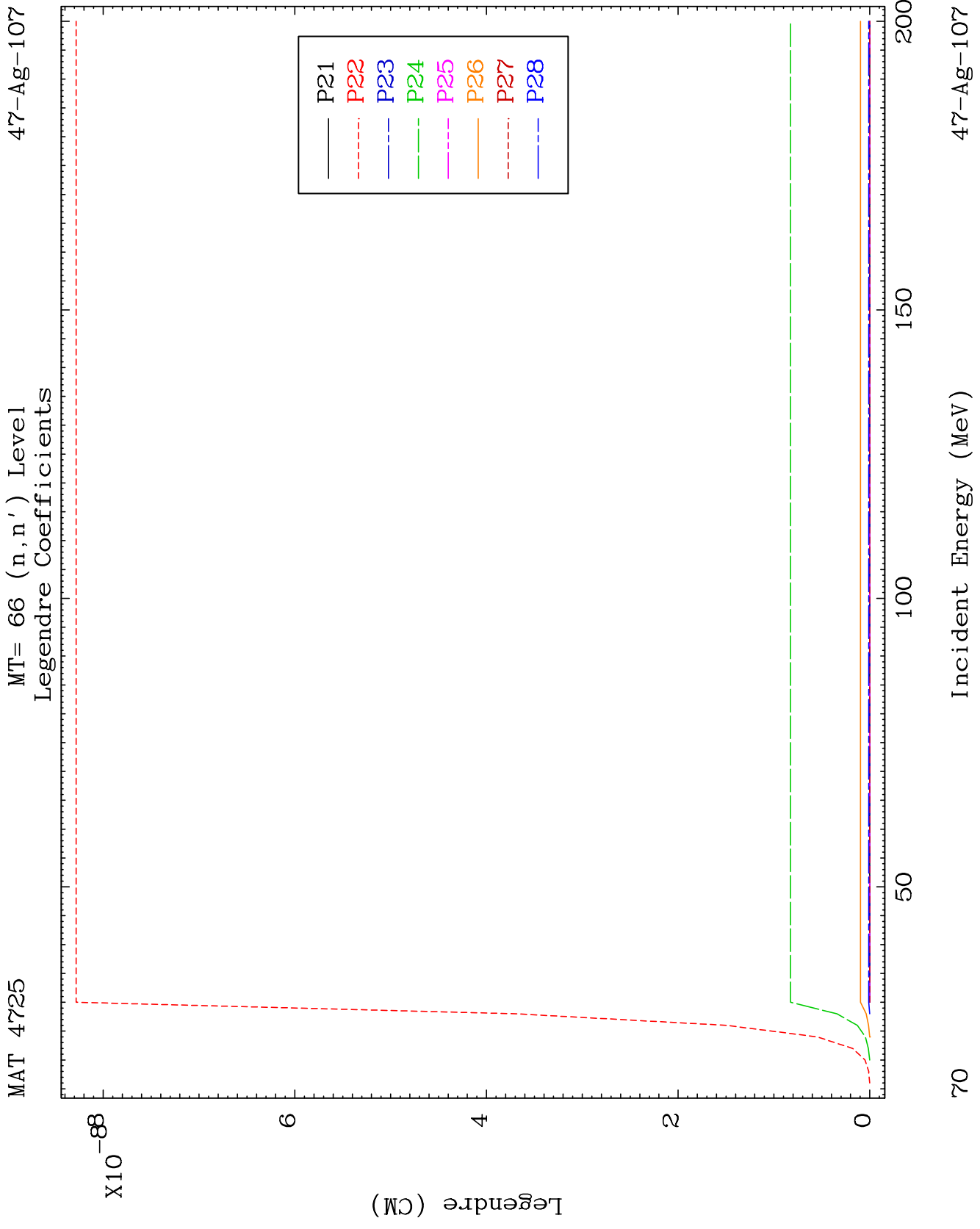
47-Ag-107

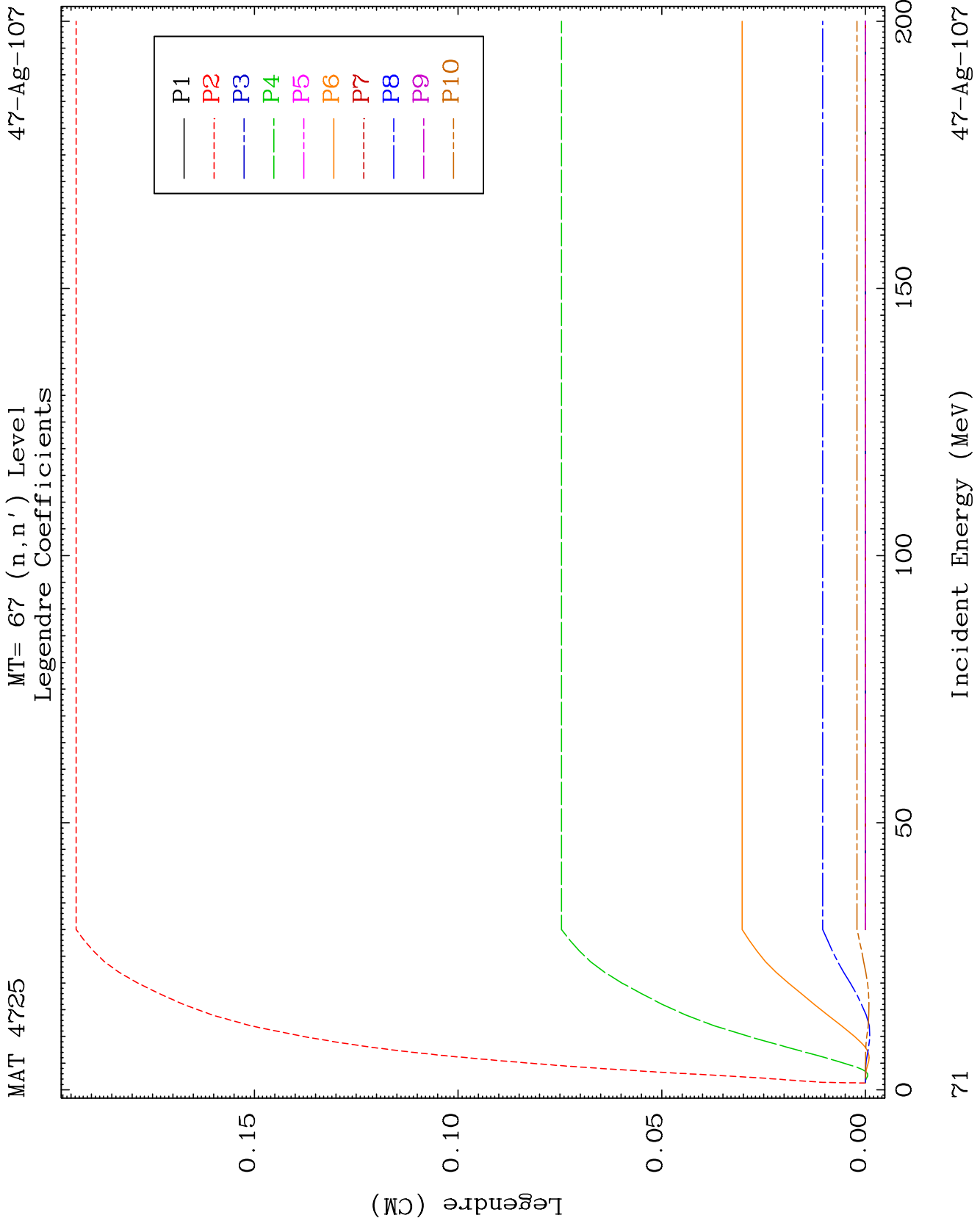


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Incident Energy (MeV)

47-Ag-107





47-Ag-107

Incident Energy (MeV)

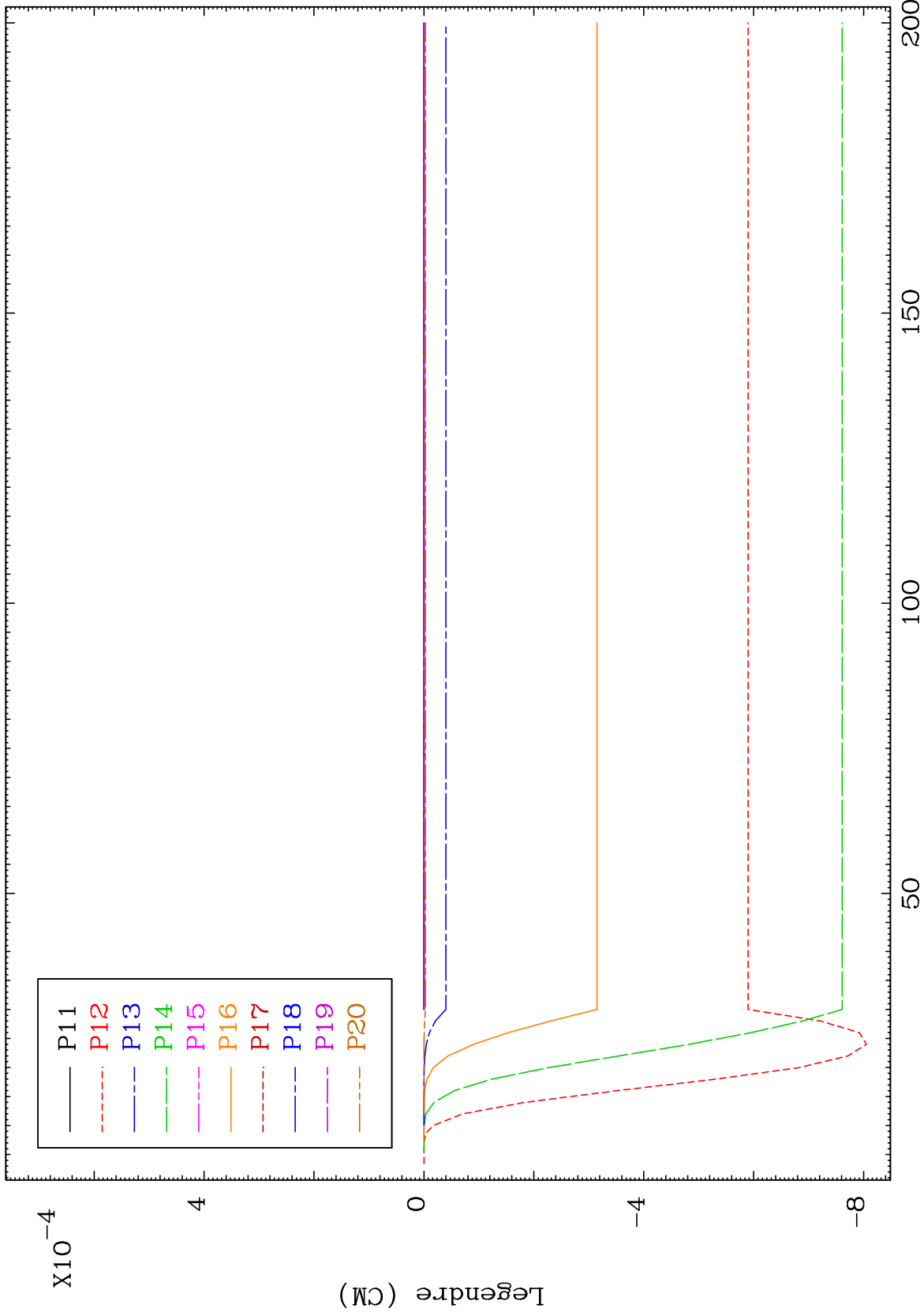
71



MAT 4725

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

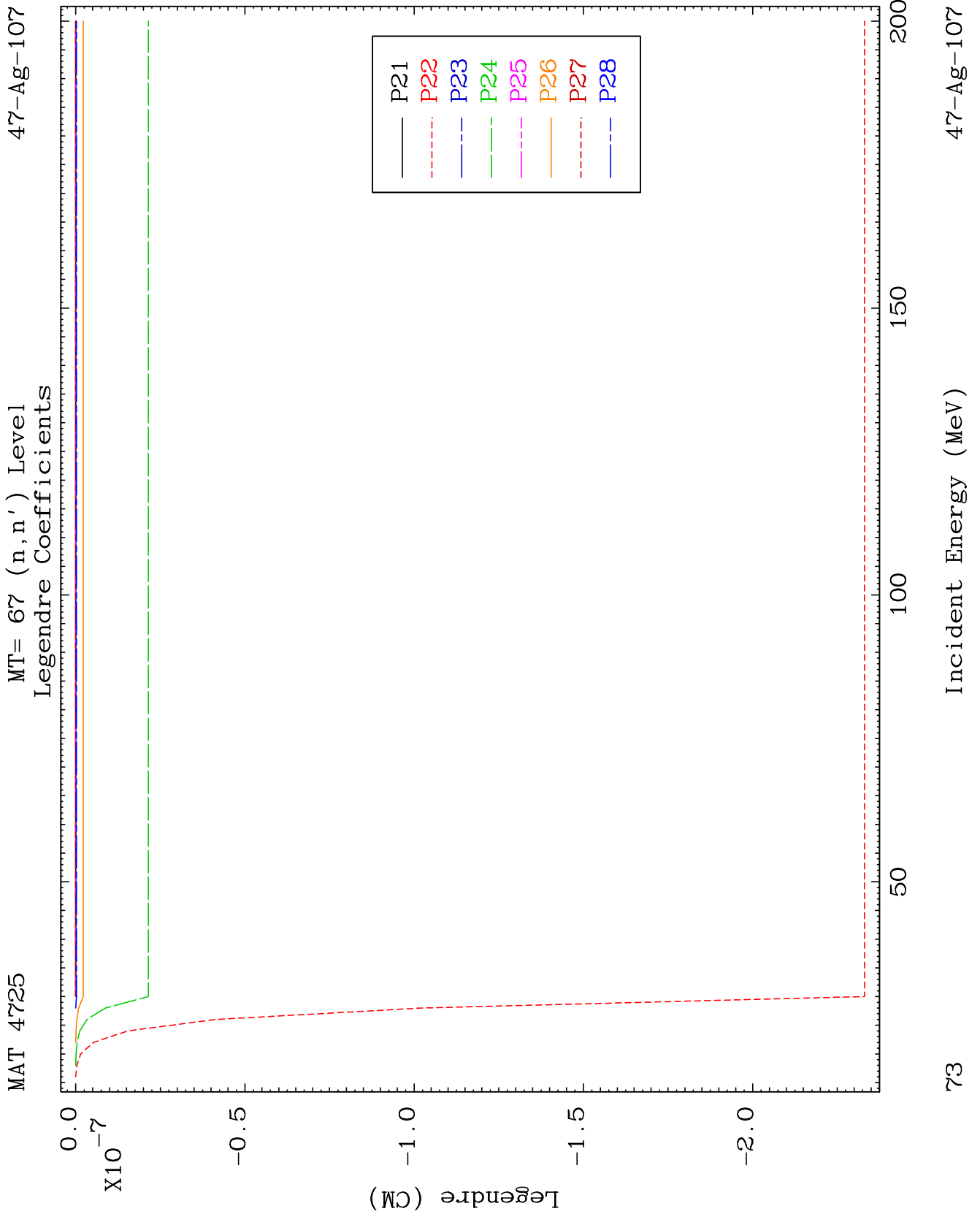
47-Ag-107



72

Incident Energy (MeV)

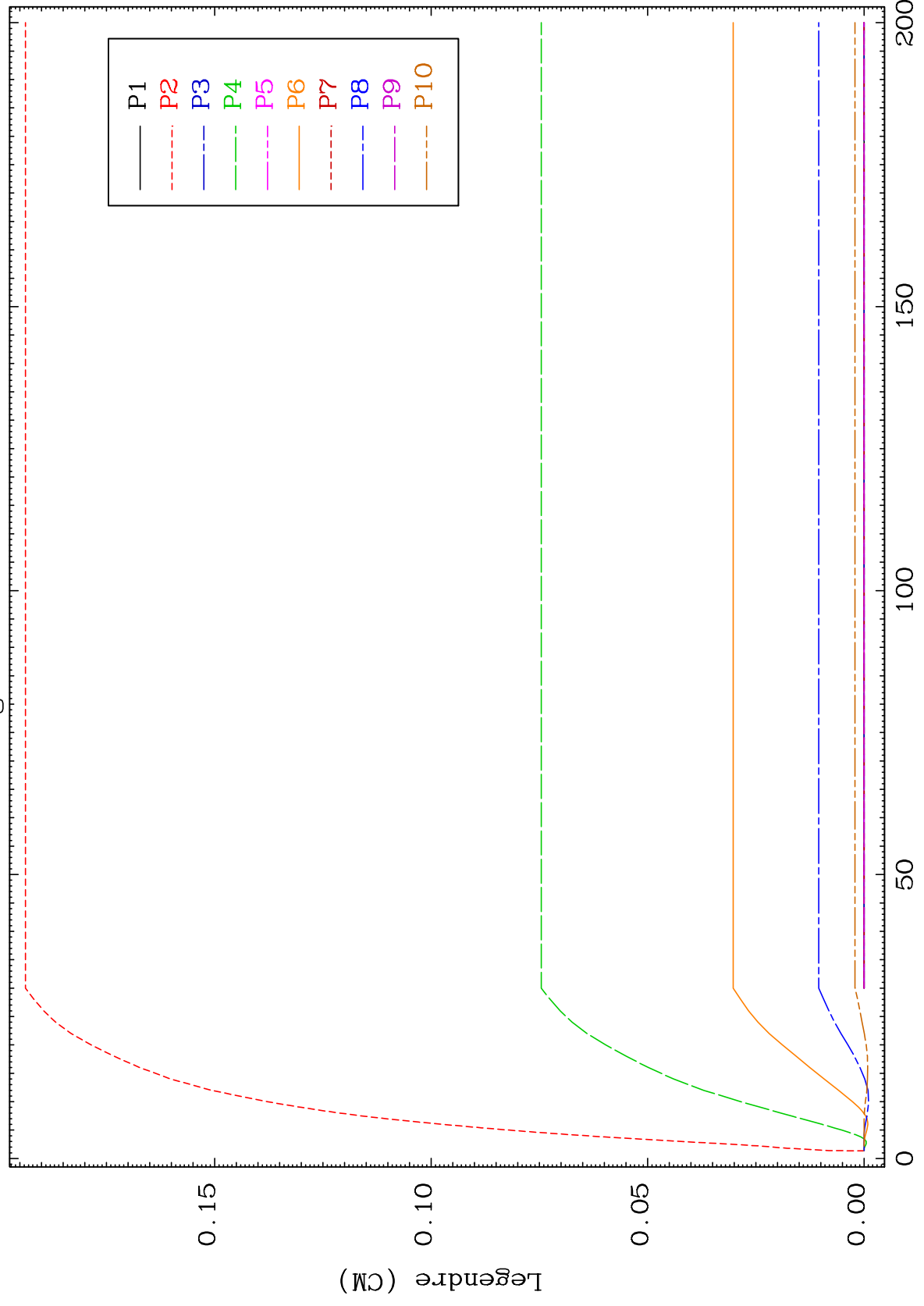
47-Ag-107



MAT 4725

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

47-Ag-107



74

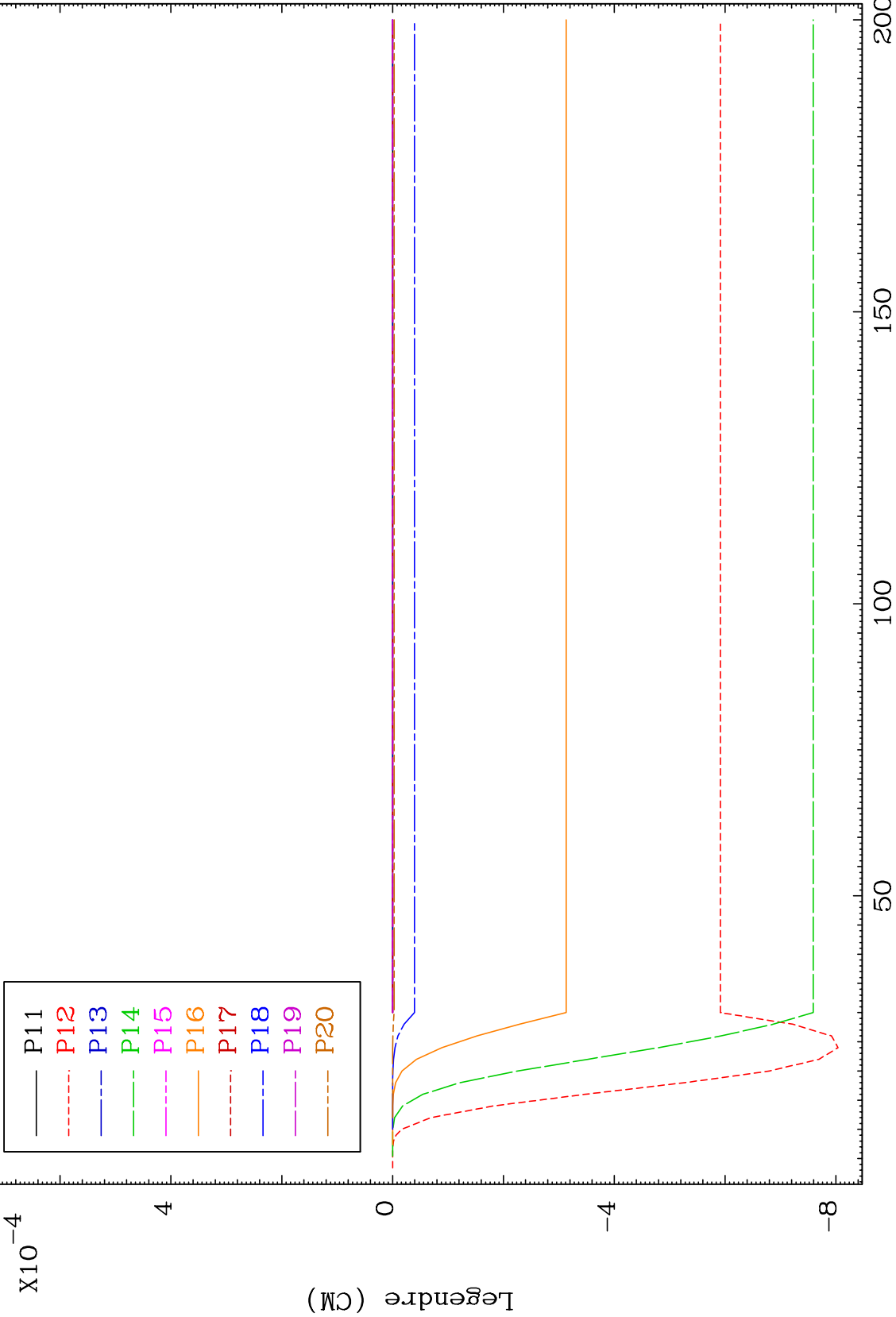
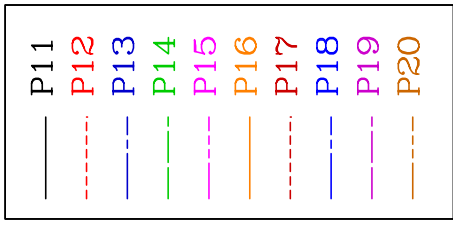
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

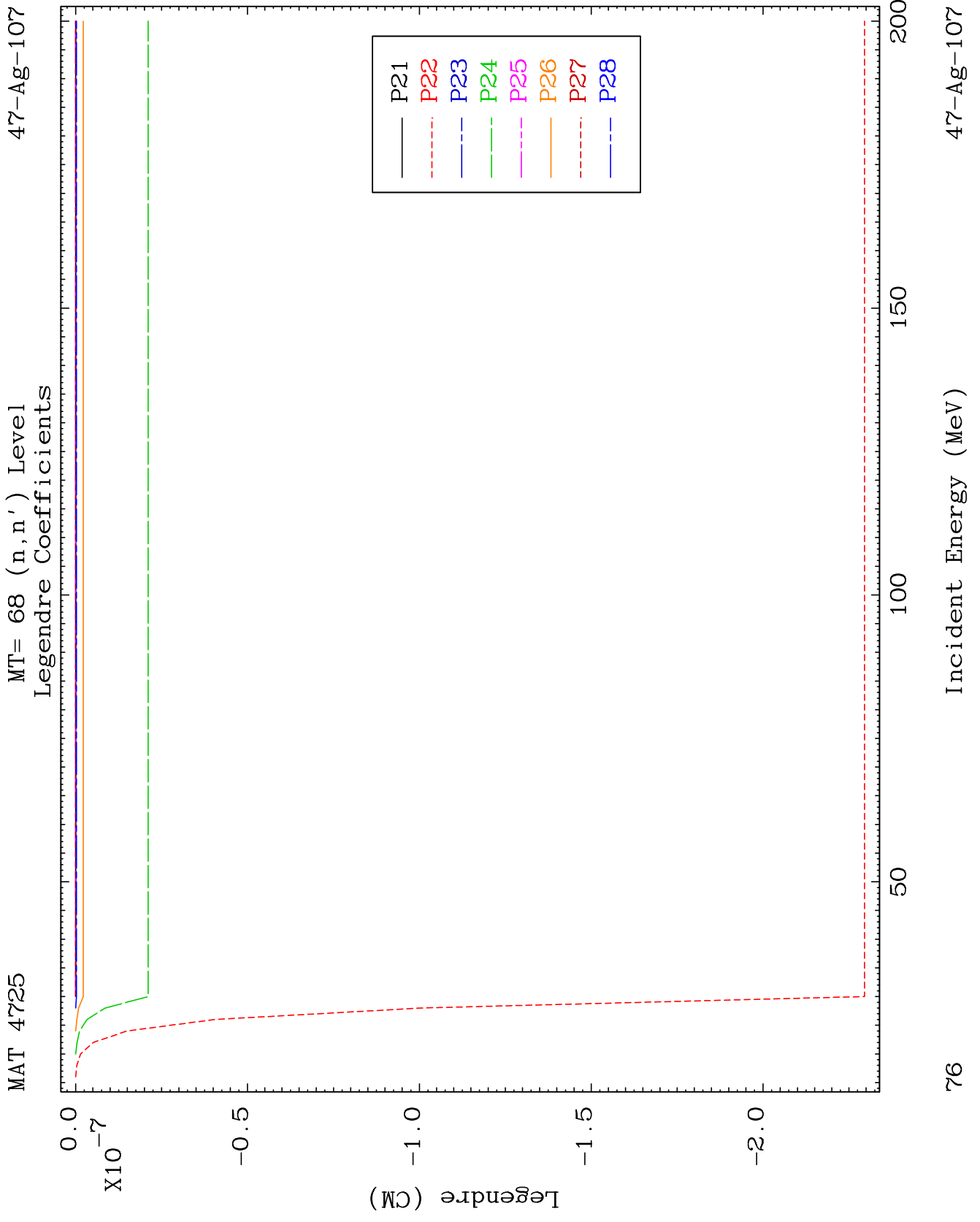
47-Ag-107



75

Incident Energy (MeV)

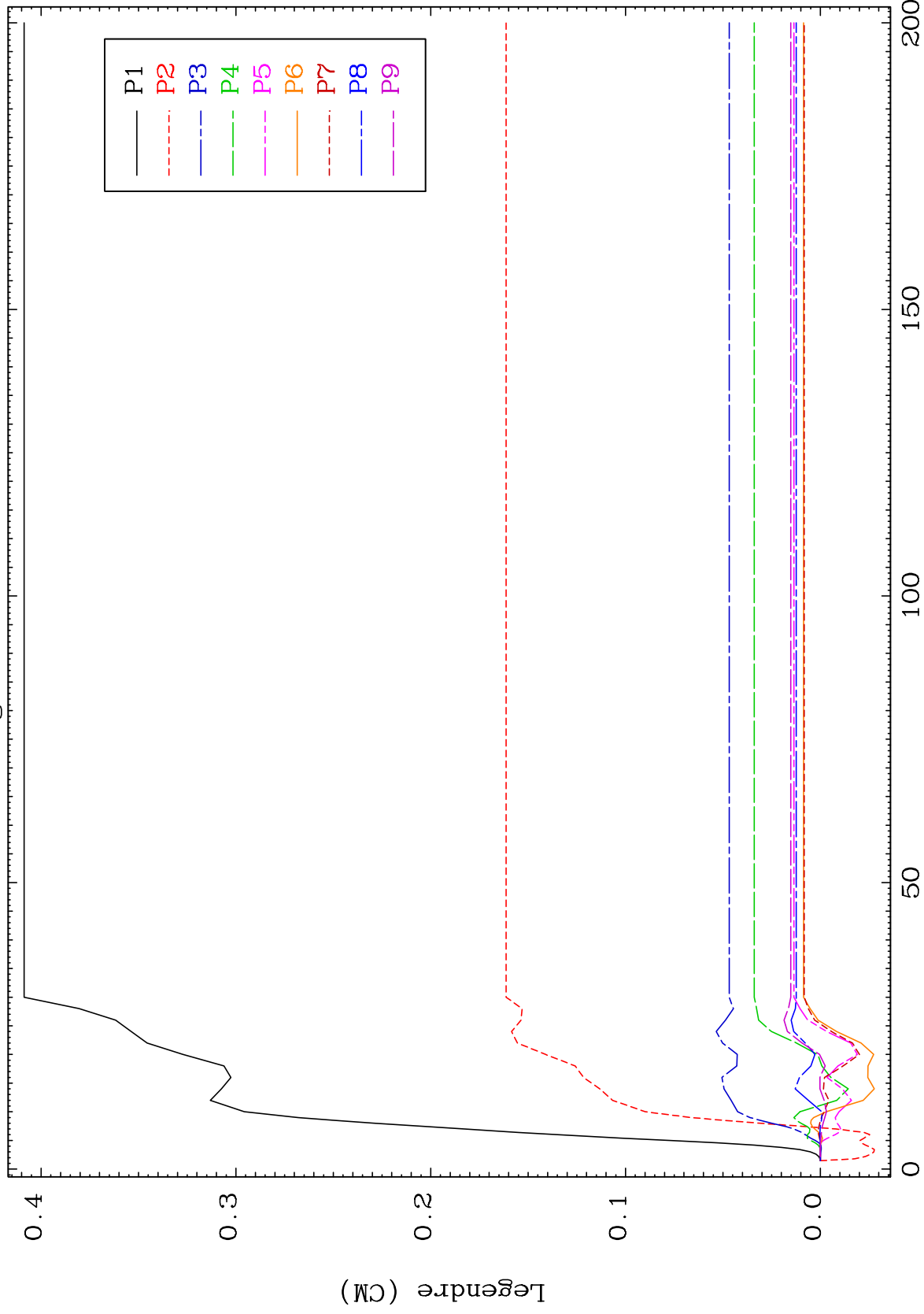
47-Ag-107



MAT 4725

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

47-Ag-107



77

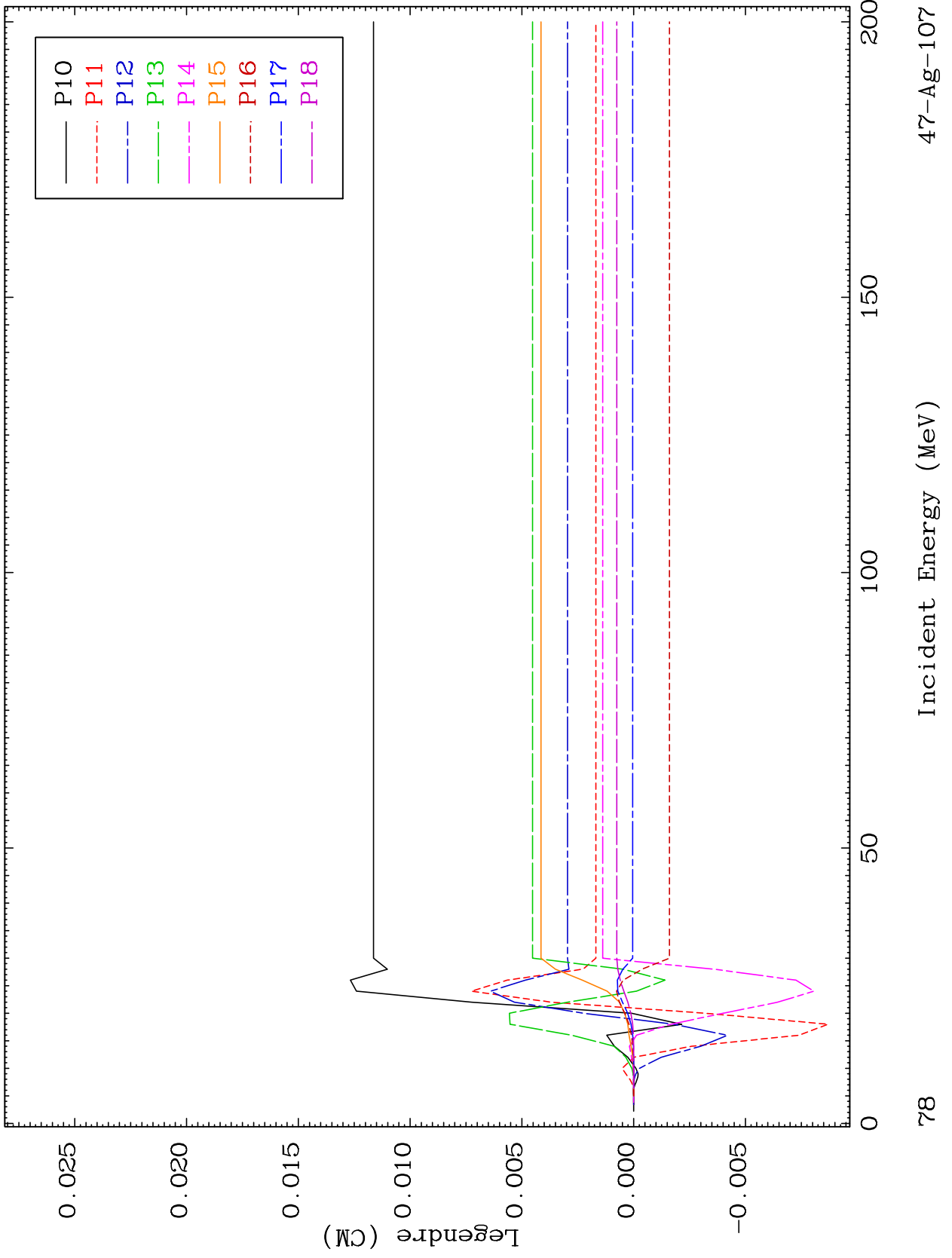
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



47-Ag-107

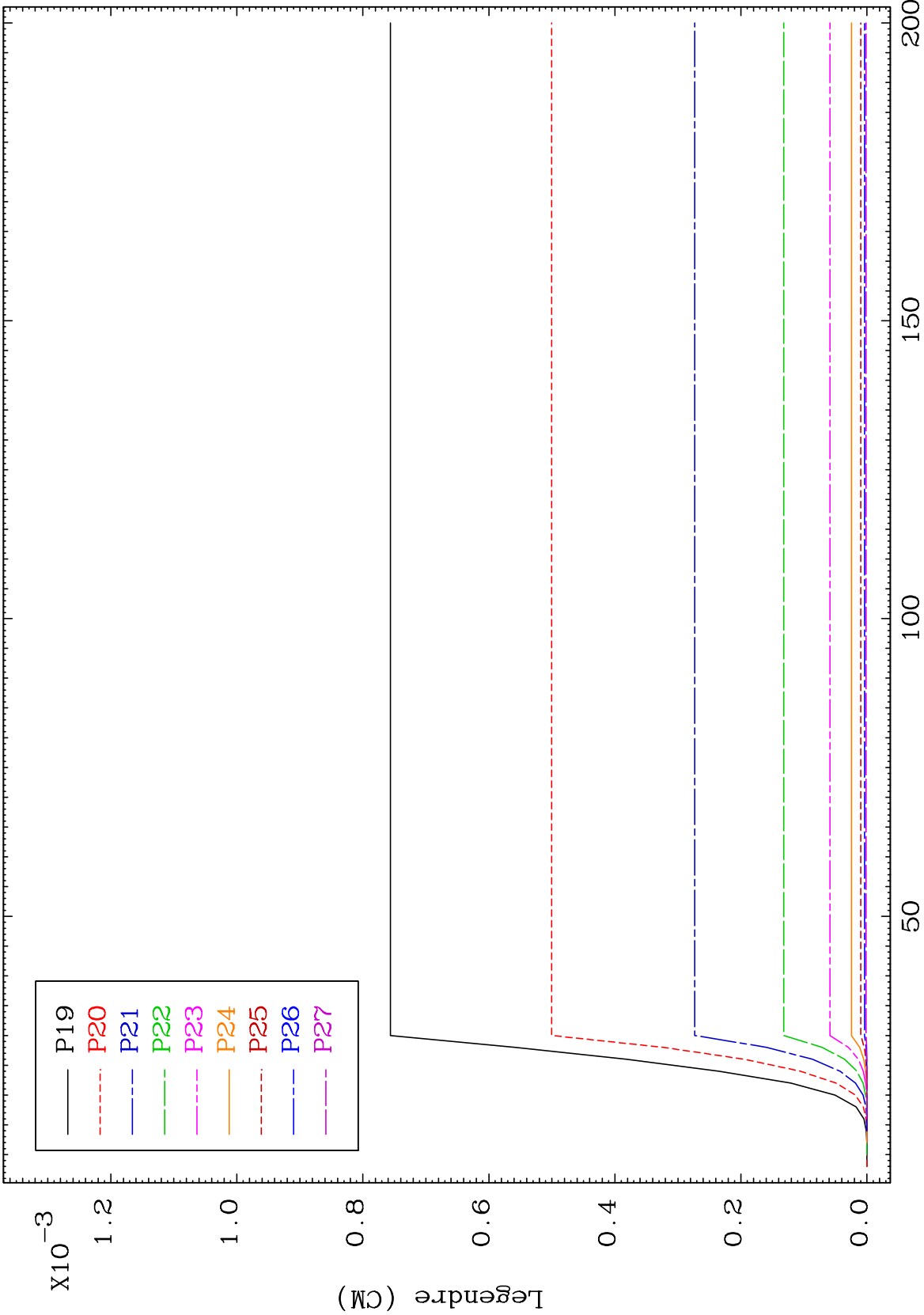
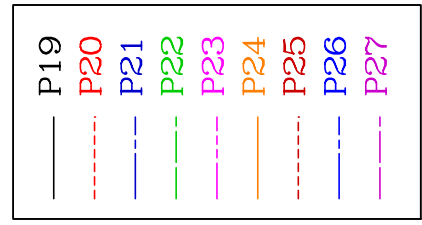
Incident Energy (MeV)

78

MAT 4725

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

47-Ag-107



79

Incident Energy (MeV)

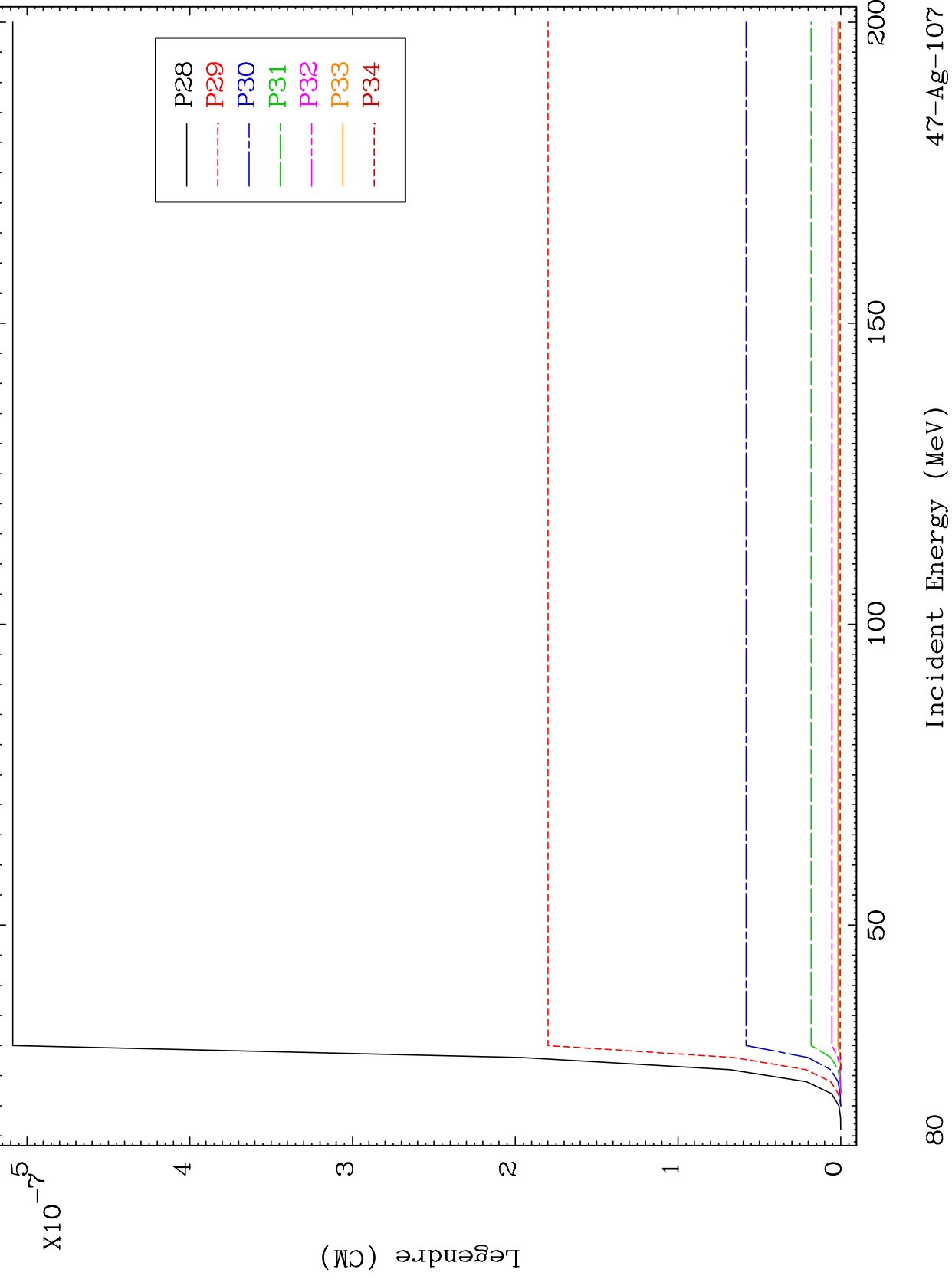
47-Ag-107



MAT 4725

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

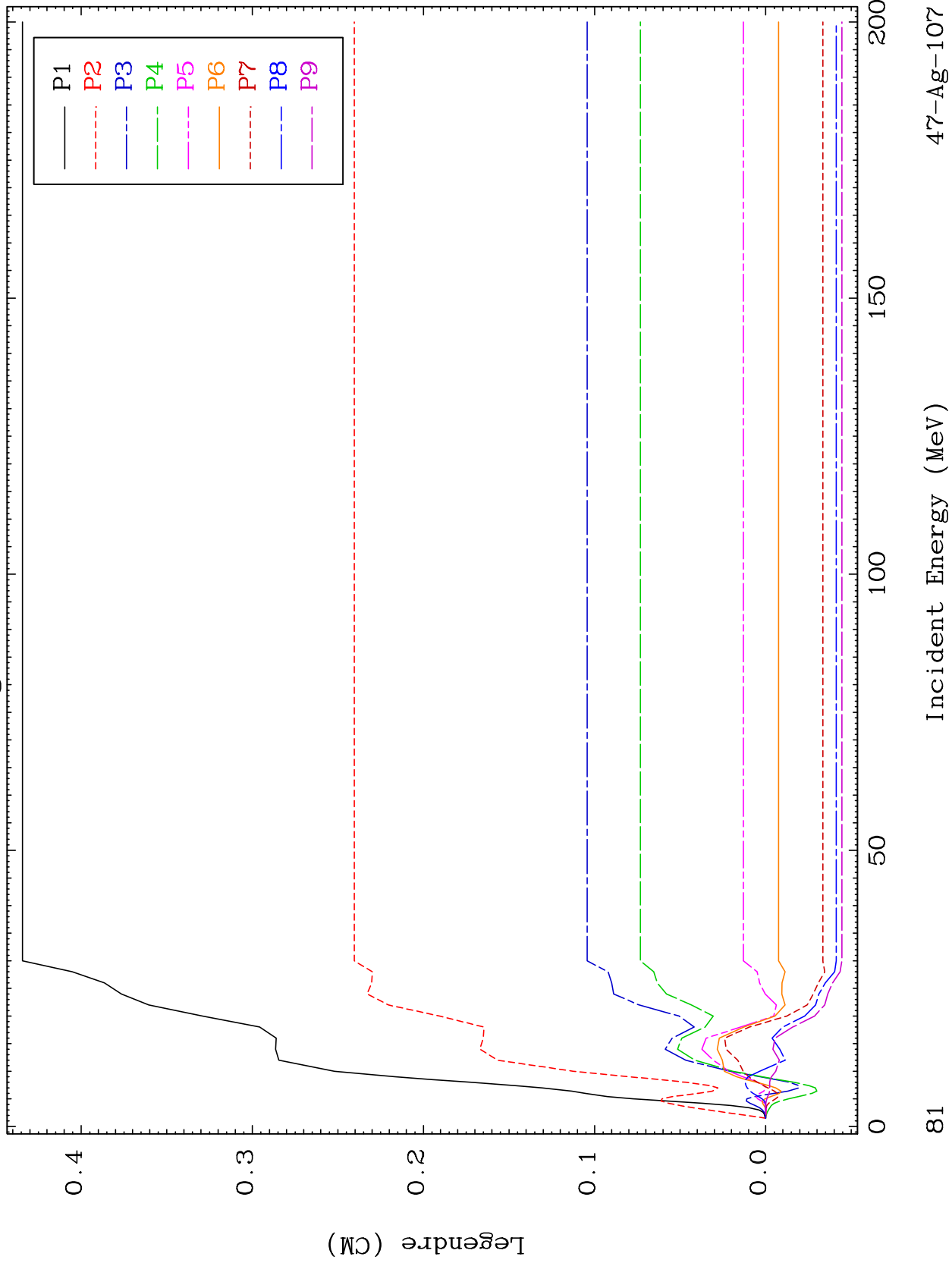
47-Ag-107



MAT 4725

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

47-Ag-107



81

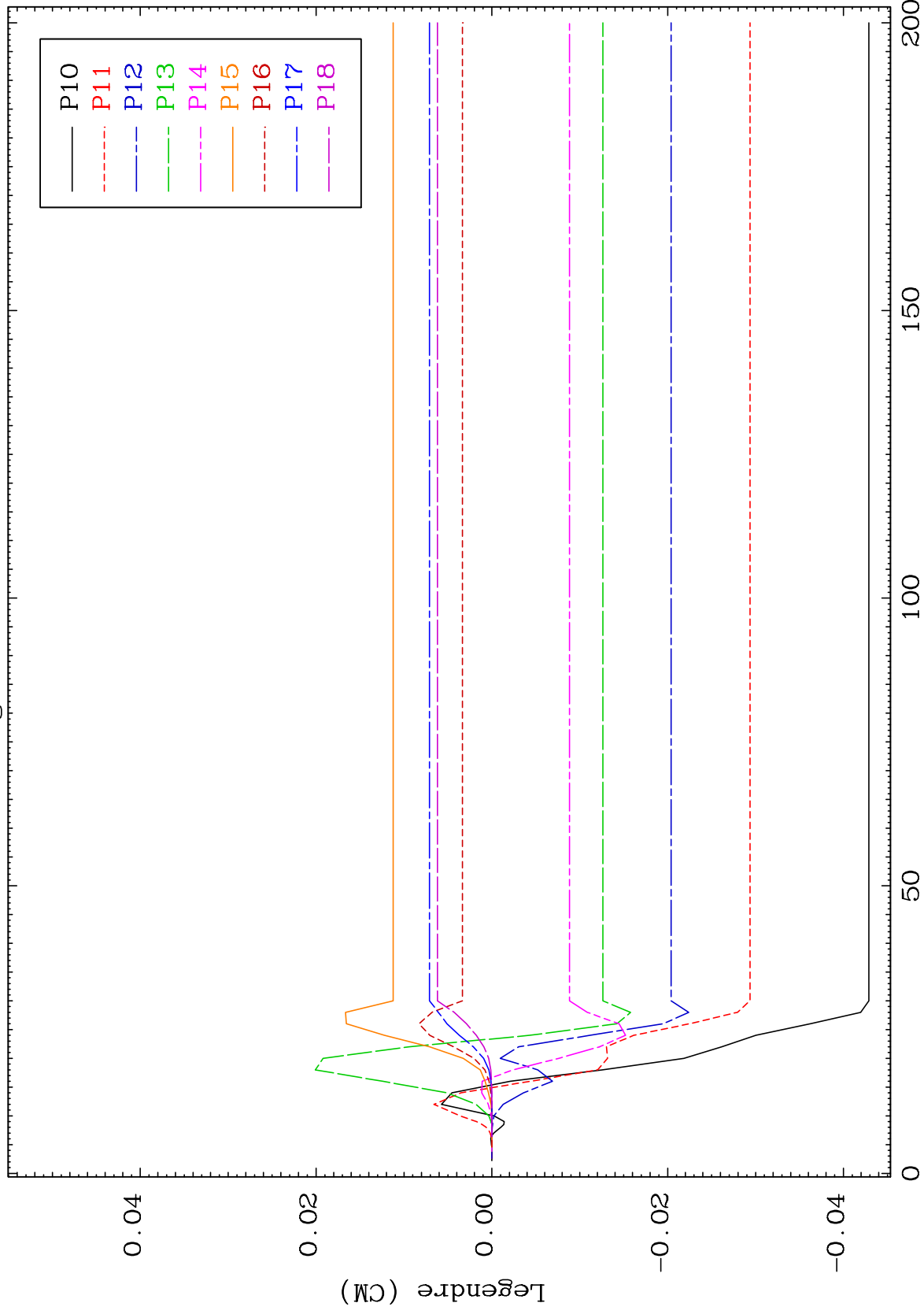
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



82

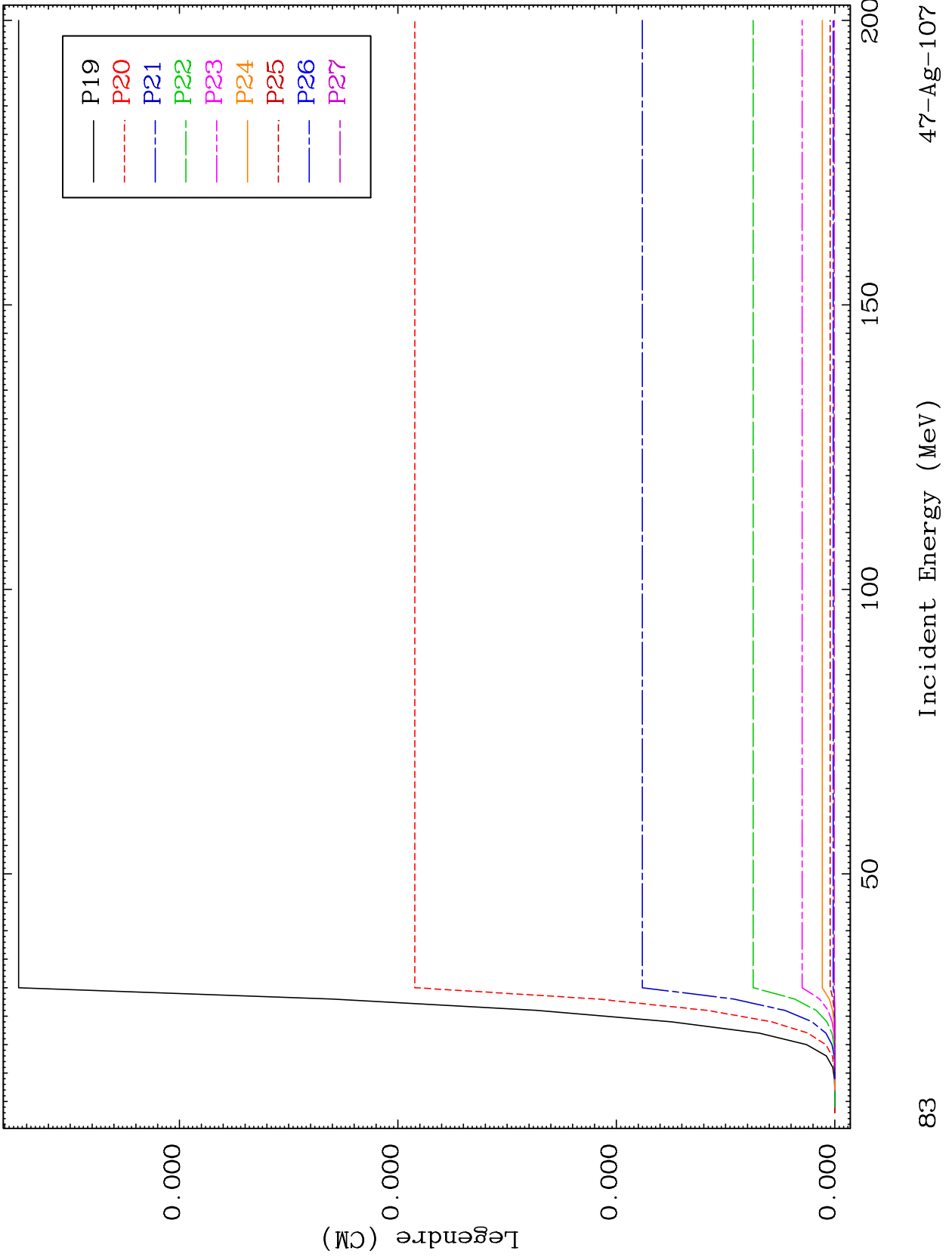
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

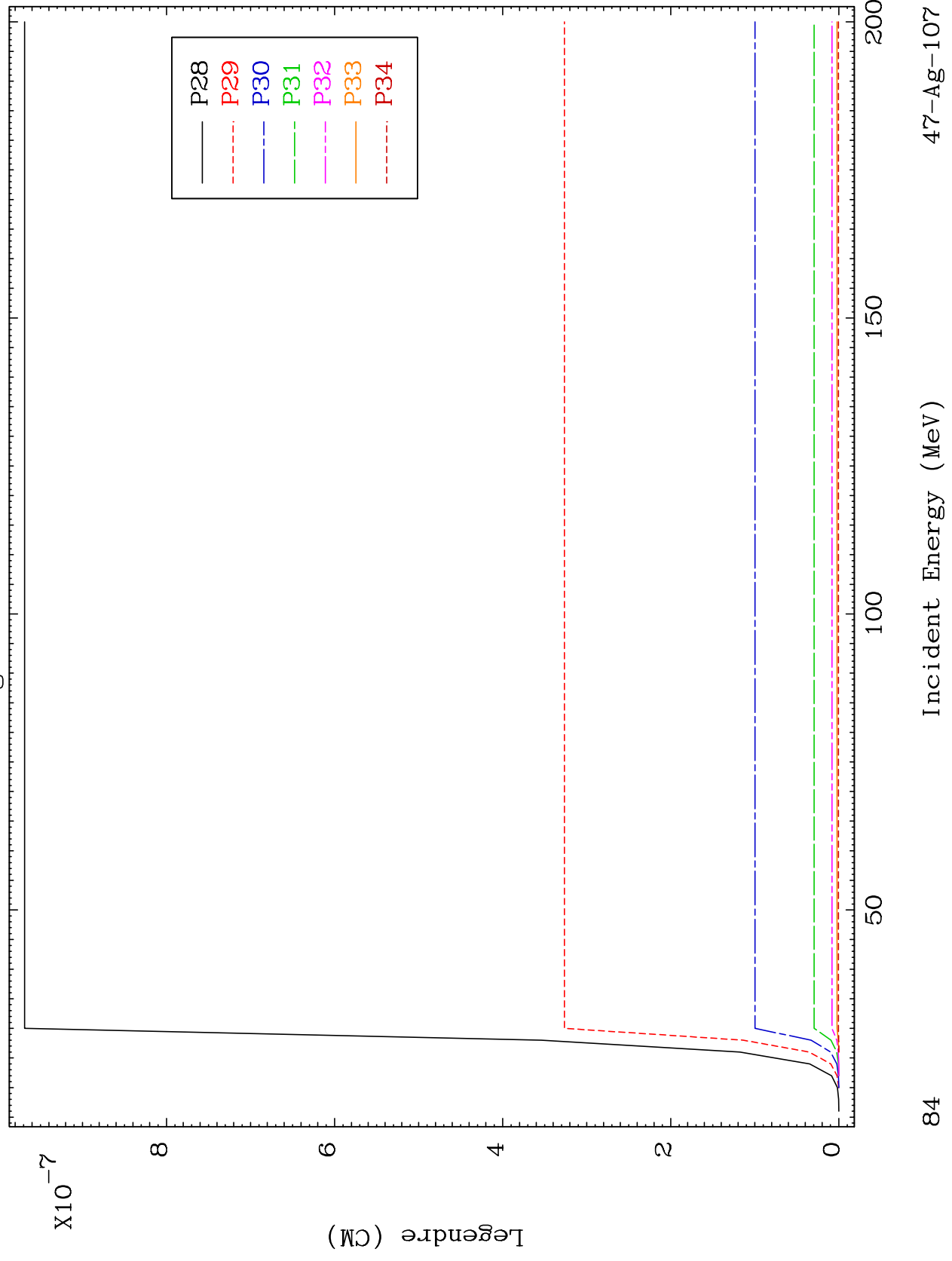
47-Ag-107



MAT 4725

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

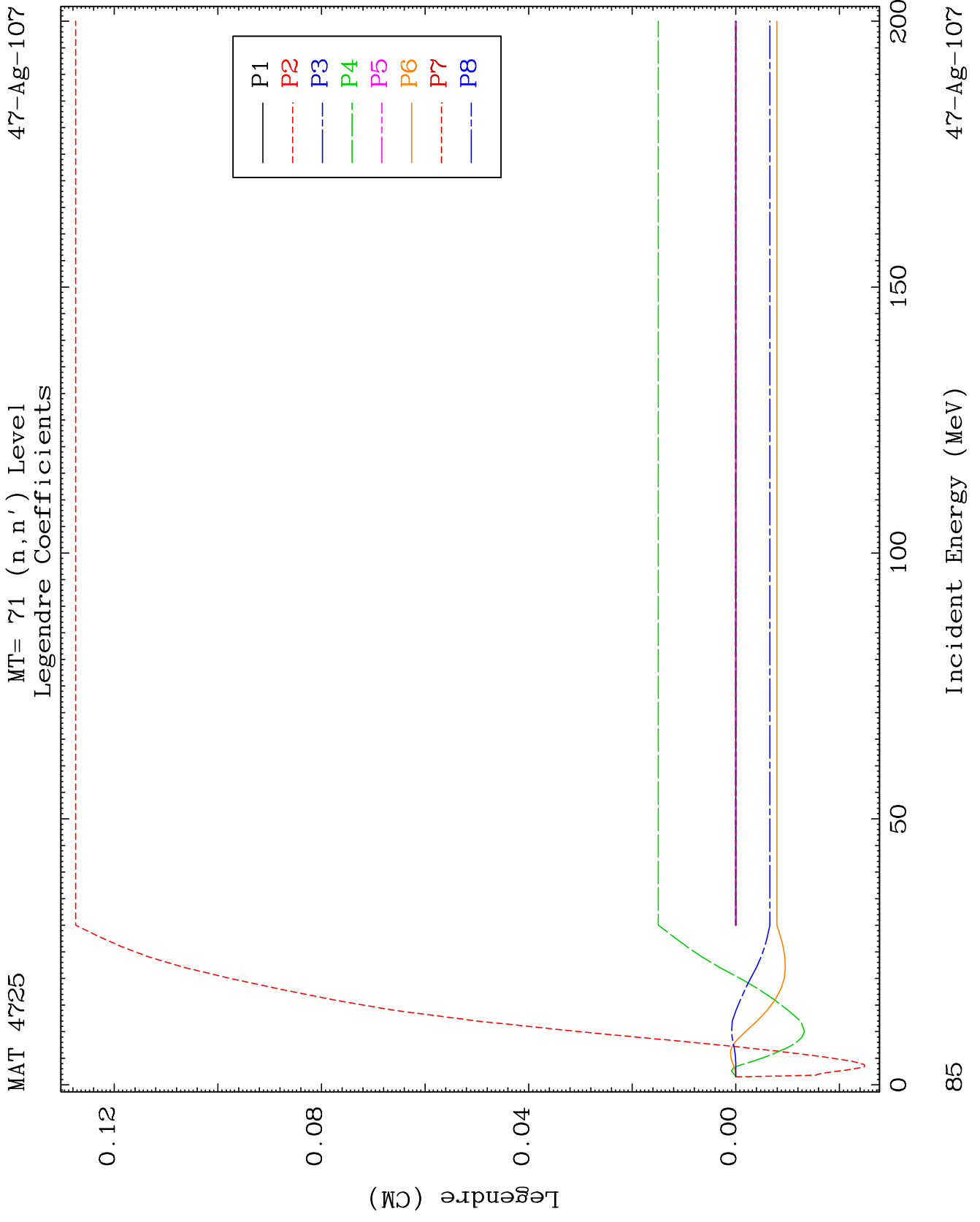
47-Ag-107



84

Incident Energy (MeV)

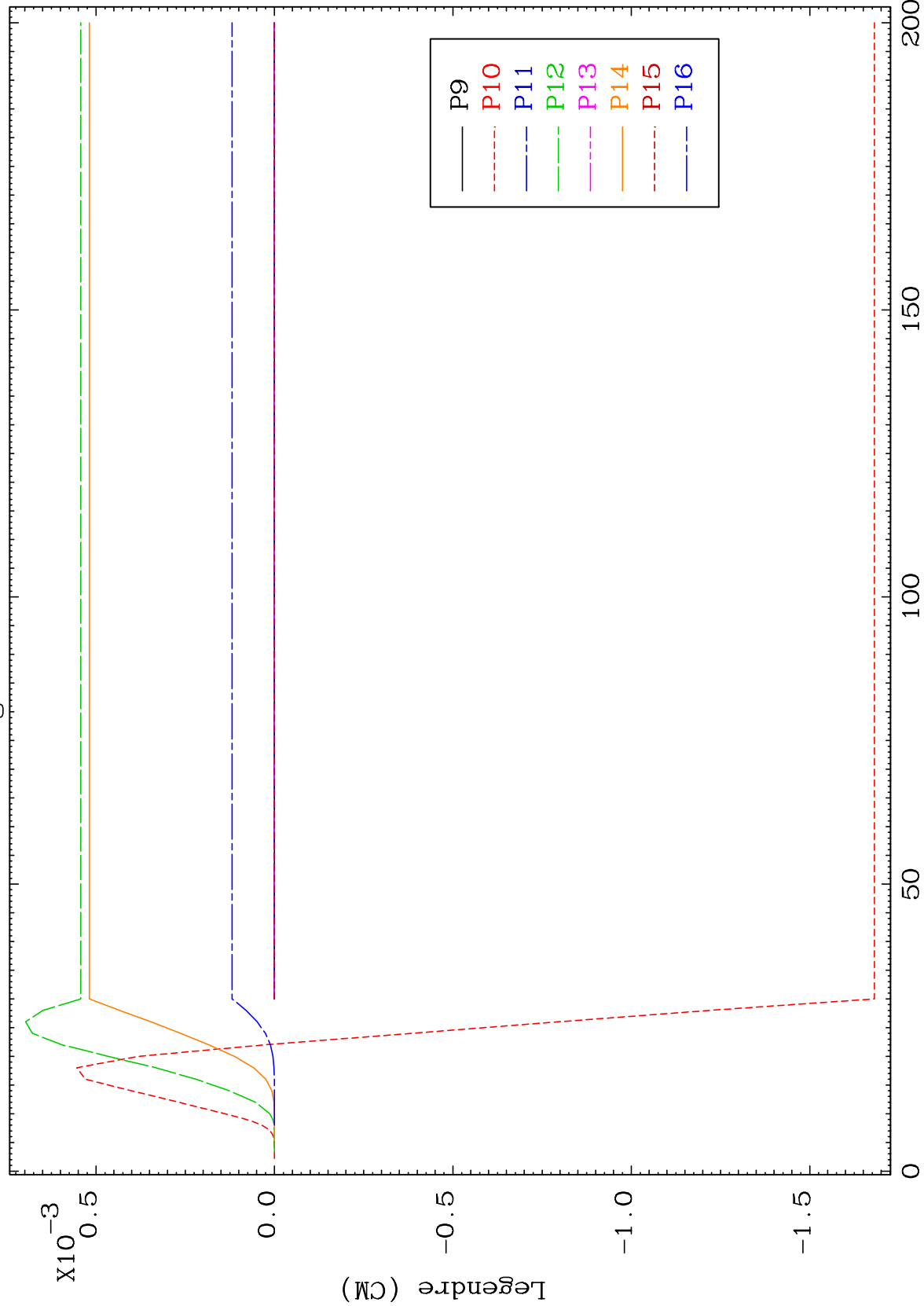
47-Ag-107



MAT 4725

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

47-Ag-107



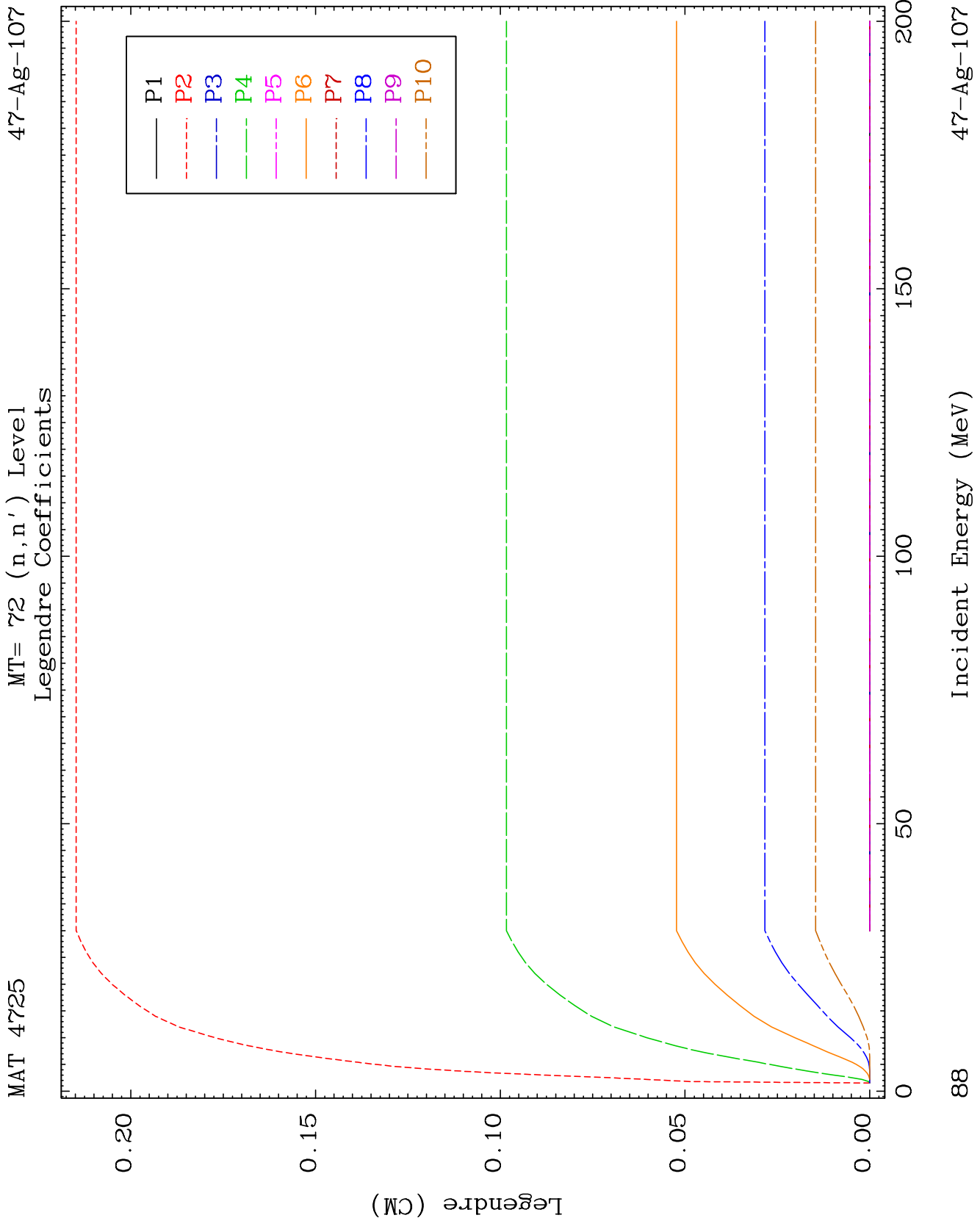
86

Incident Energy (MeV)

47-Ag-107



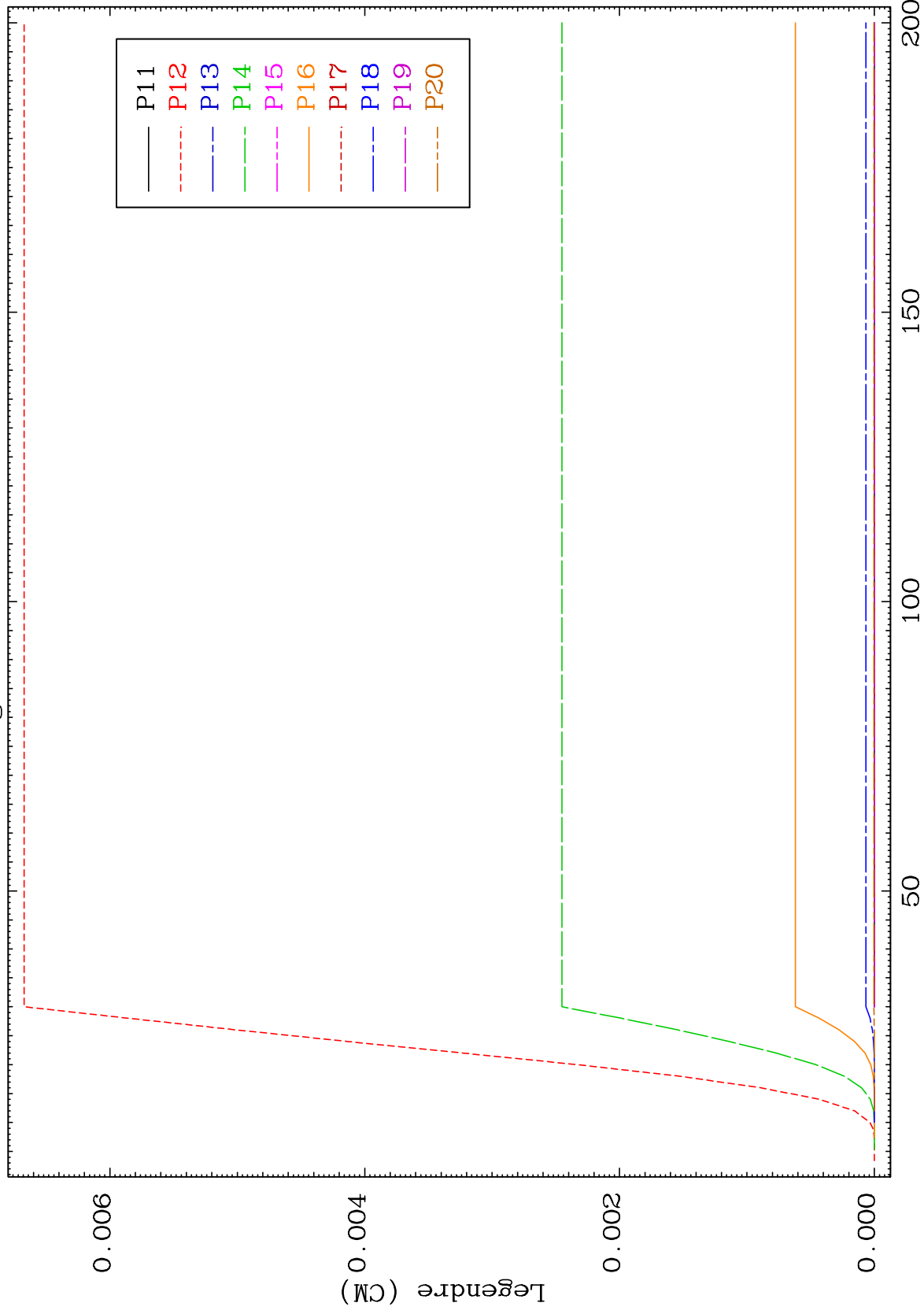




MAT 4725

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

47-Ag-107



89

Incident Energy (MeV)

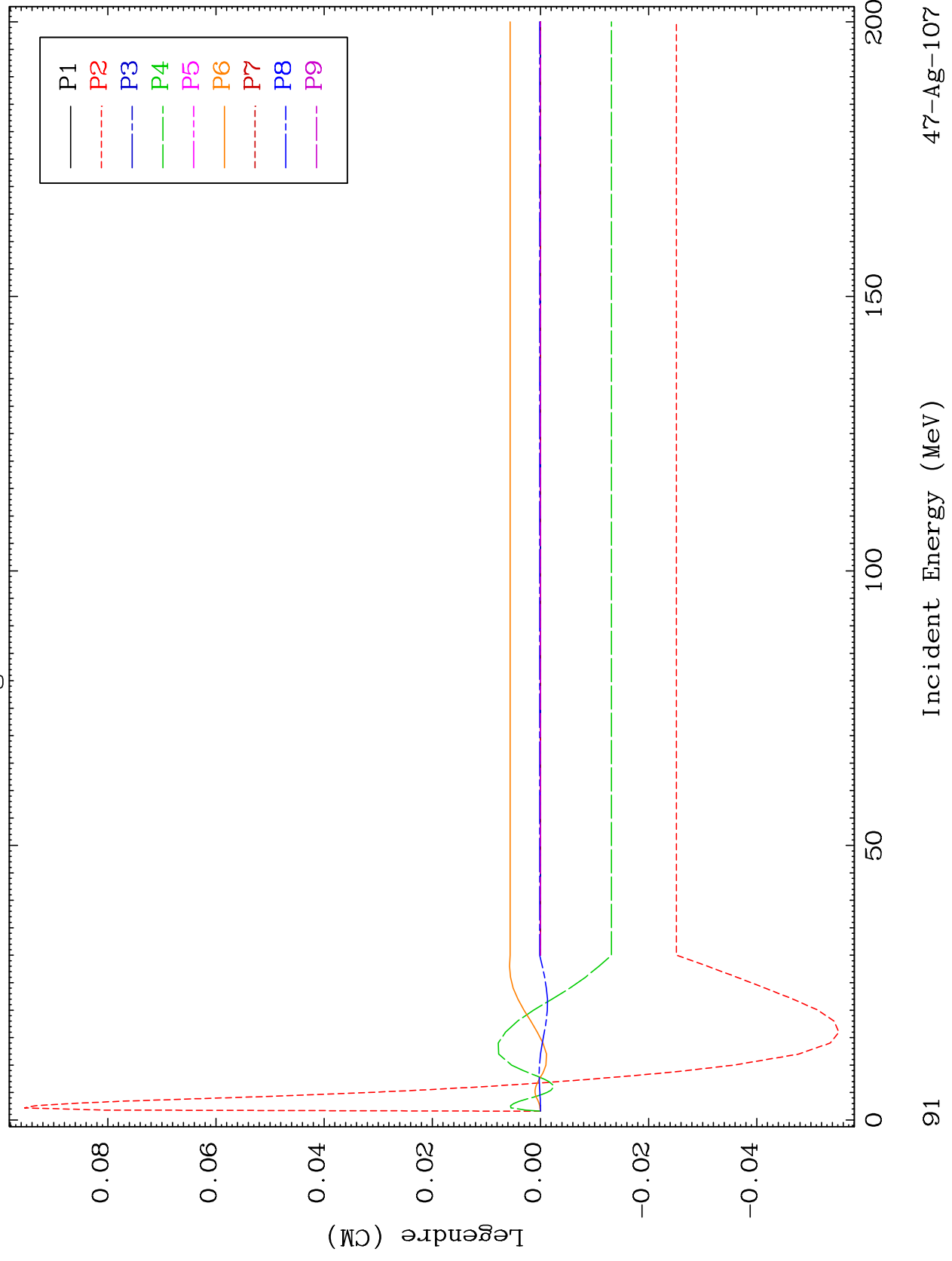
47-Ag-107



MAT 4725

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

47-Ag-107



91

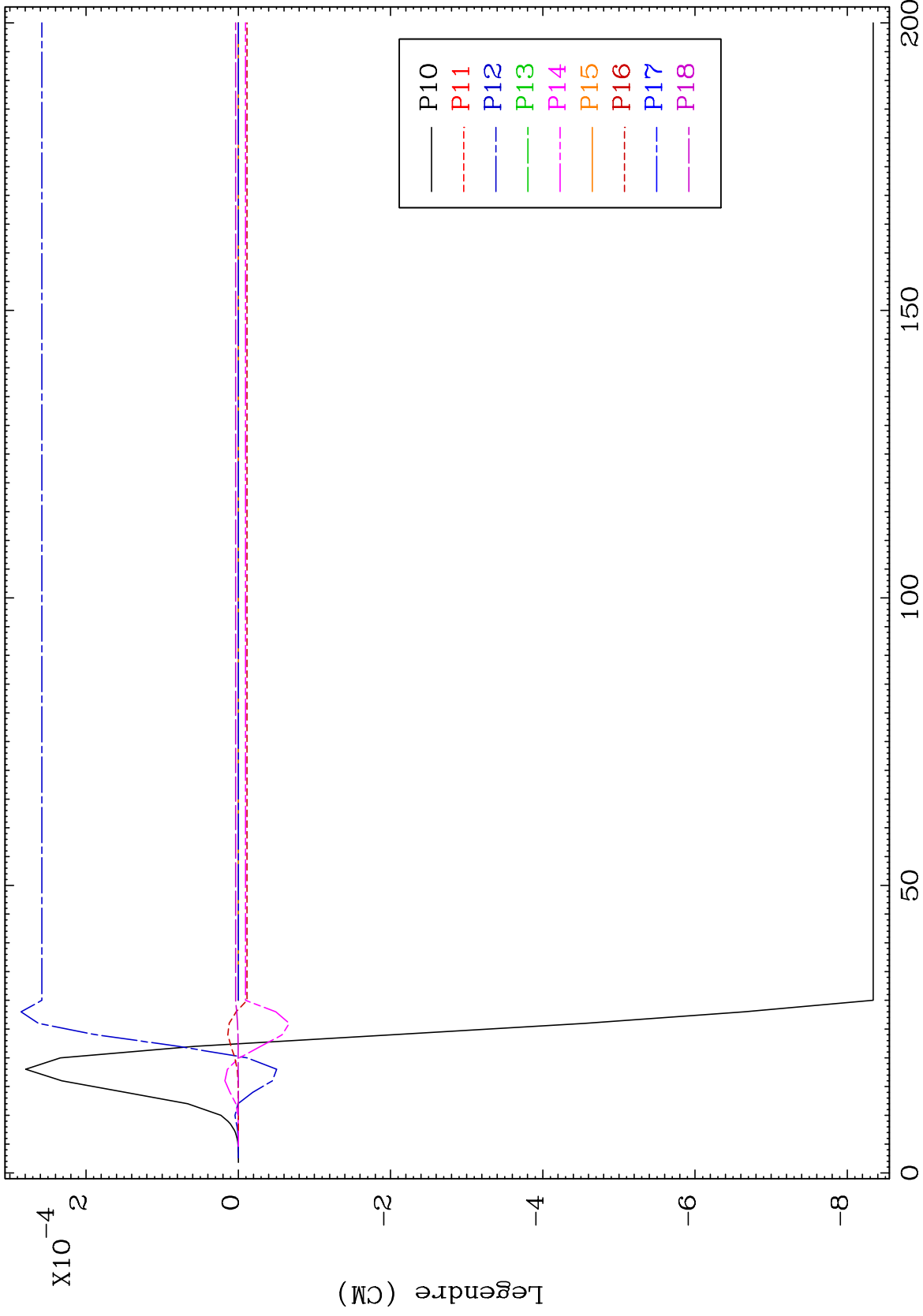
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

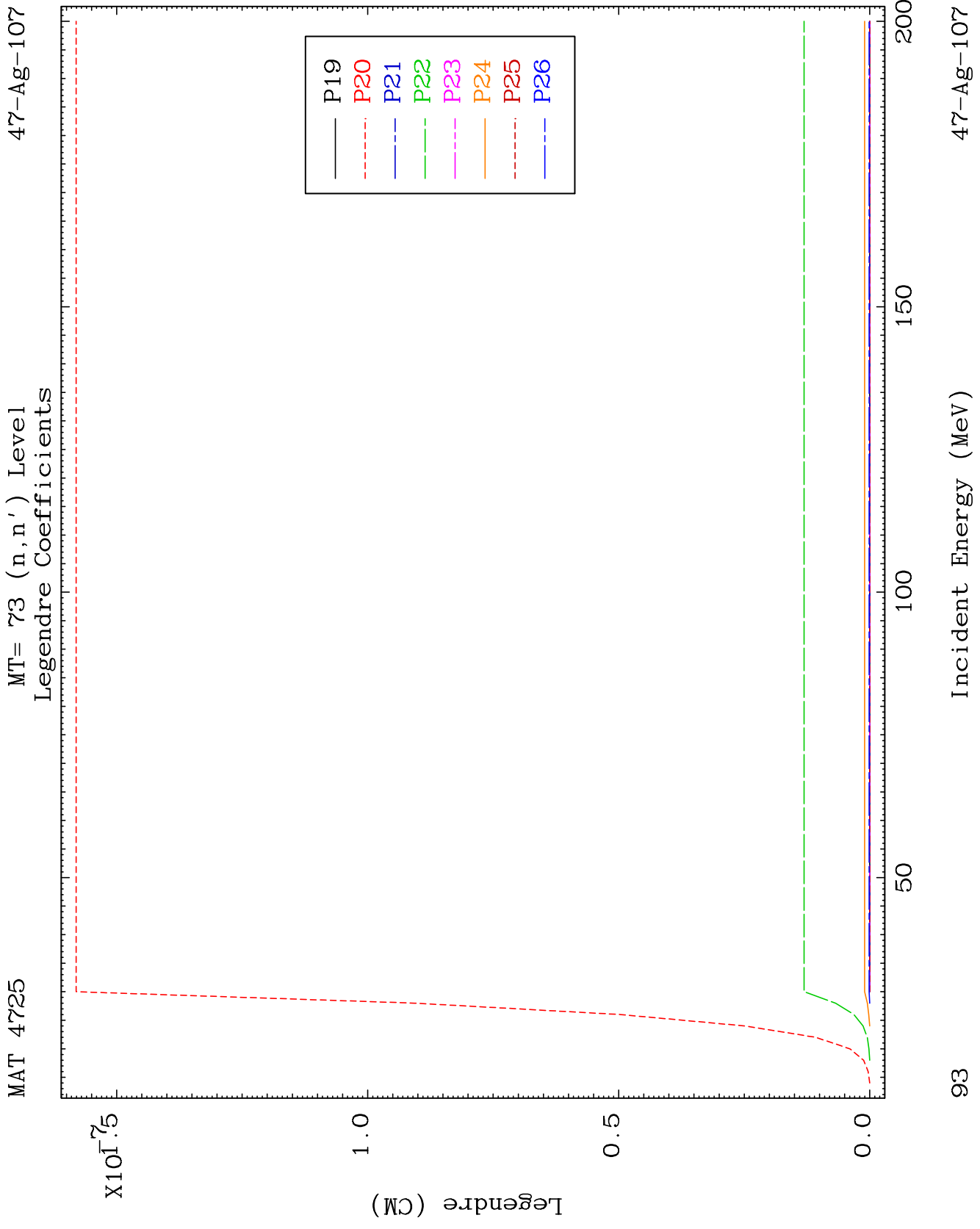
47-Ag-107



92

Incident Energy (MeV)

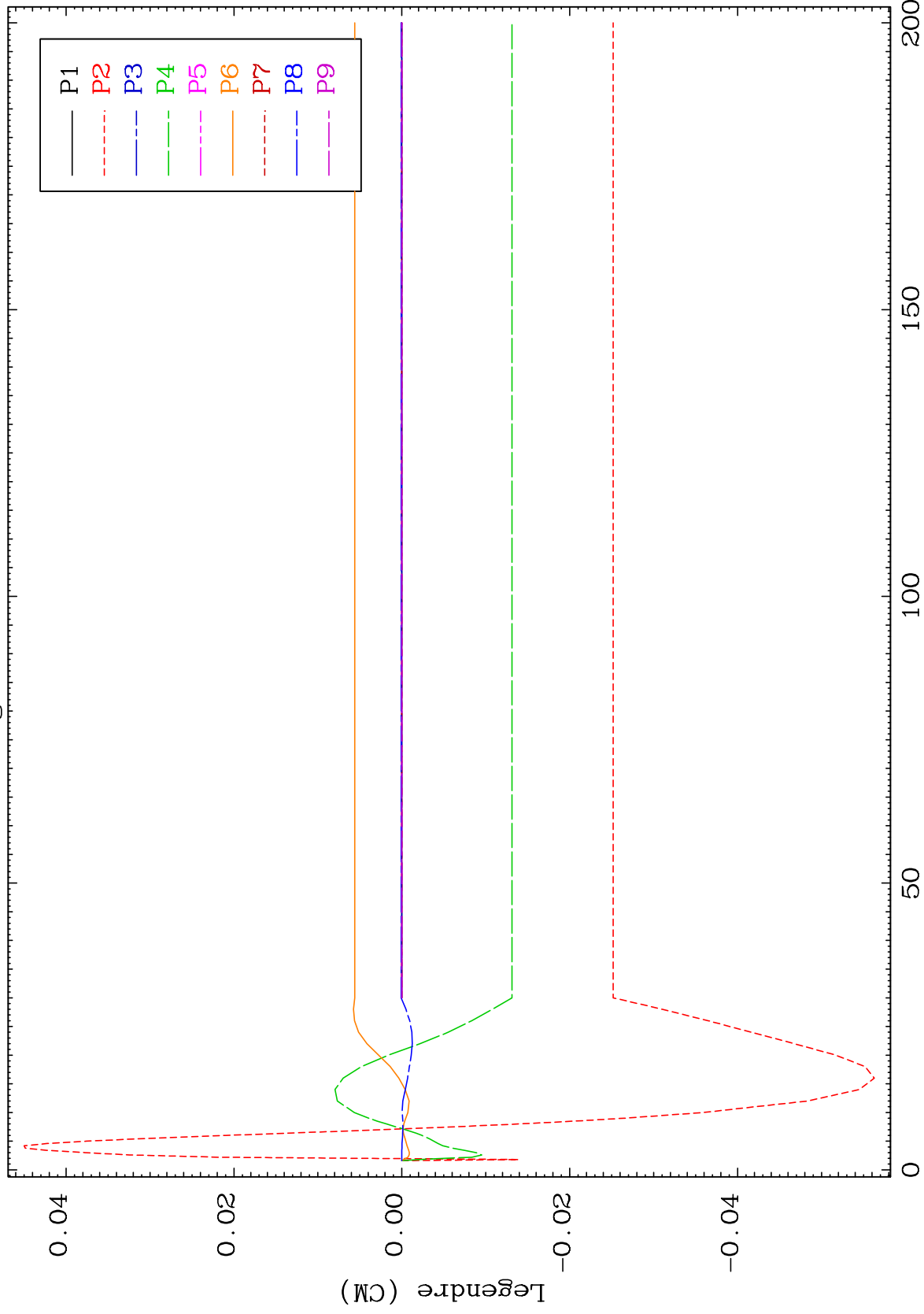
47-Ag-107



MAT 4725

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

47-Ag-107



94

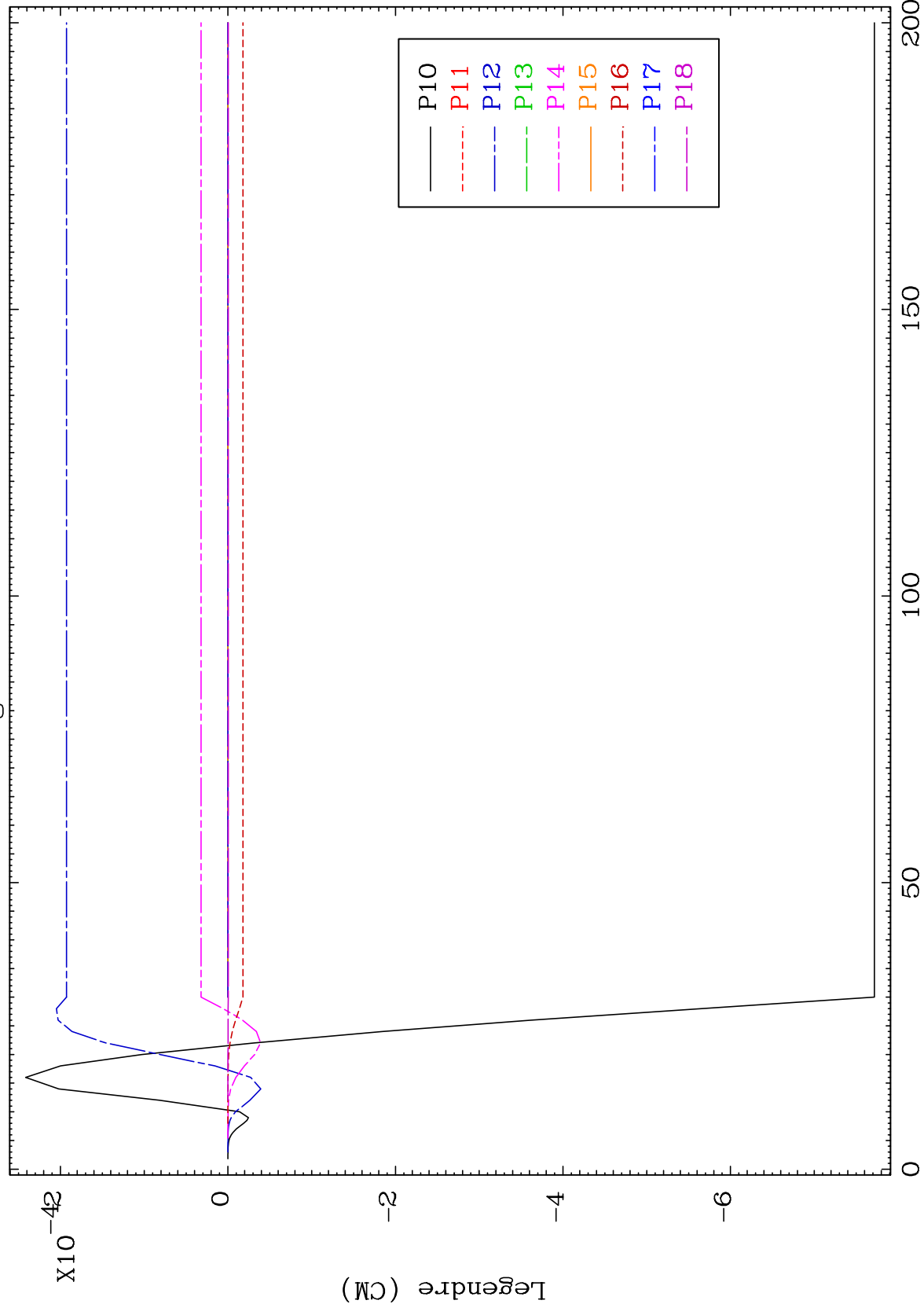
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



95

Incident Energy (MeV)

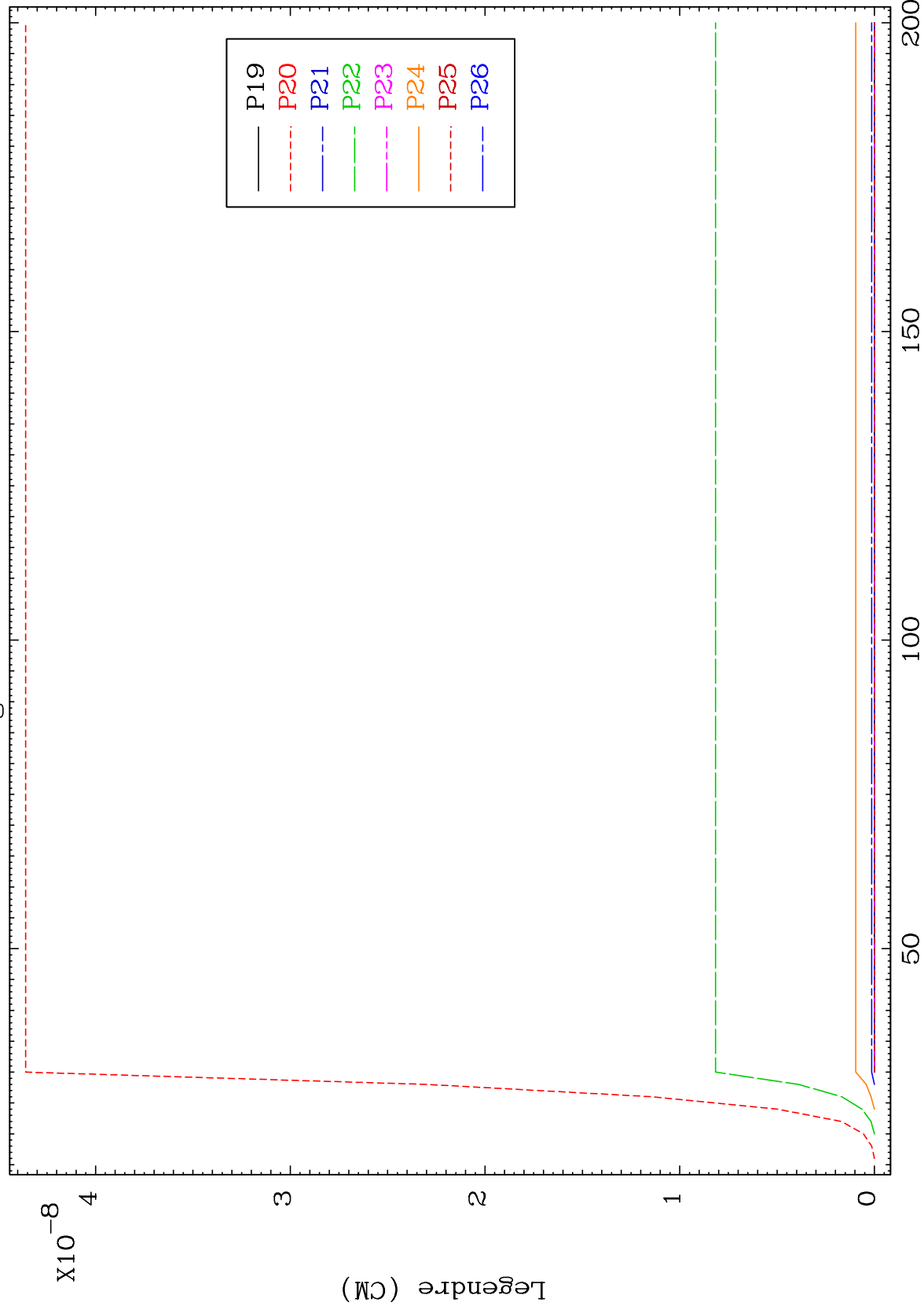
47-Ag-107



MAT 4725

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

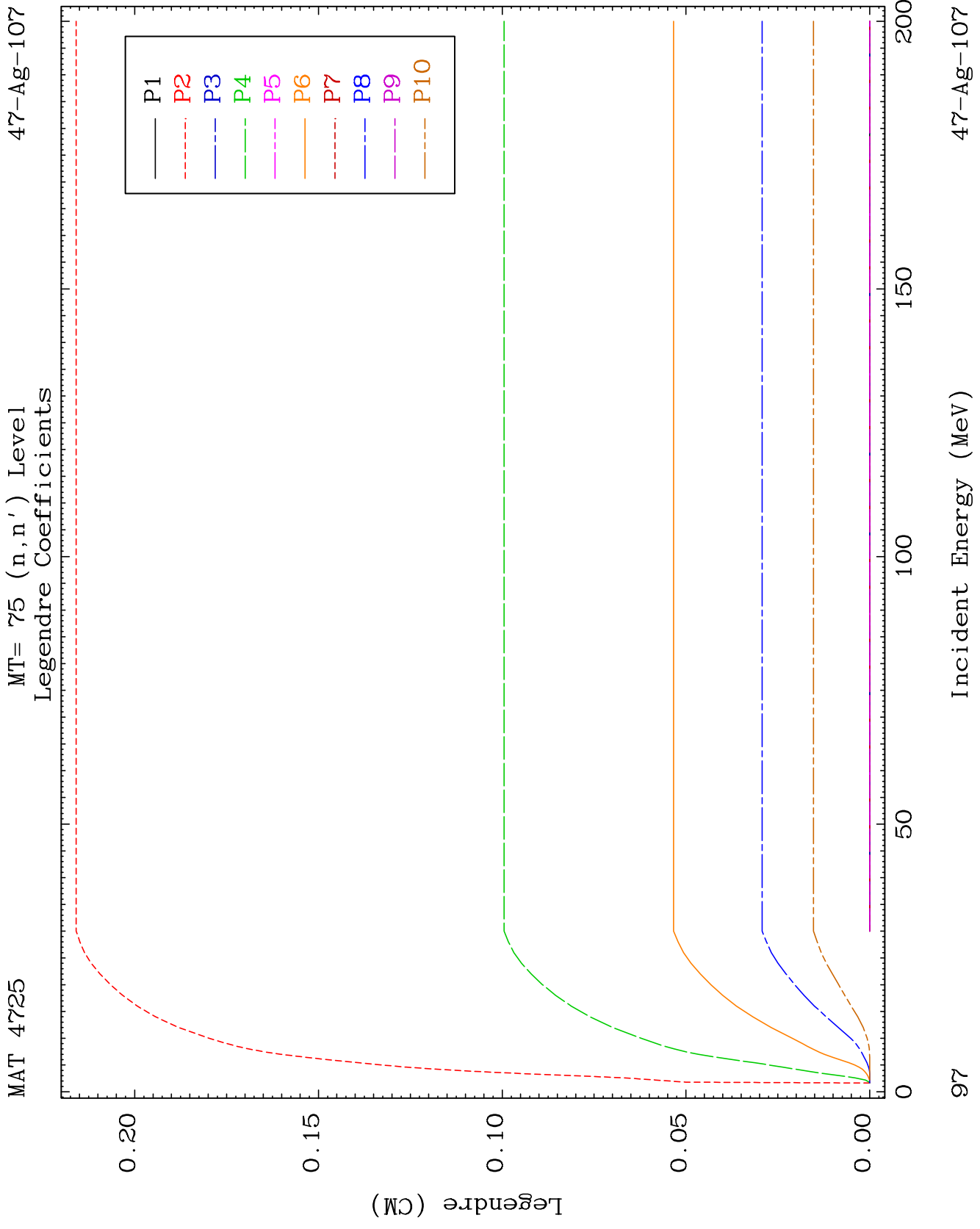
47-Ag-107



96

Incident Energy (MeV)

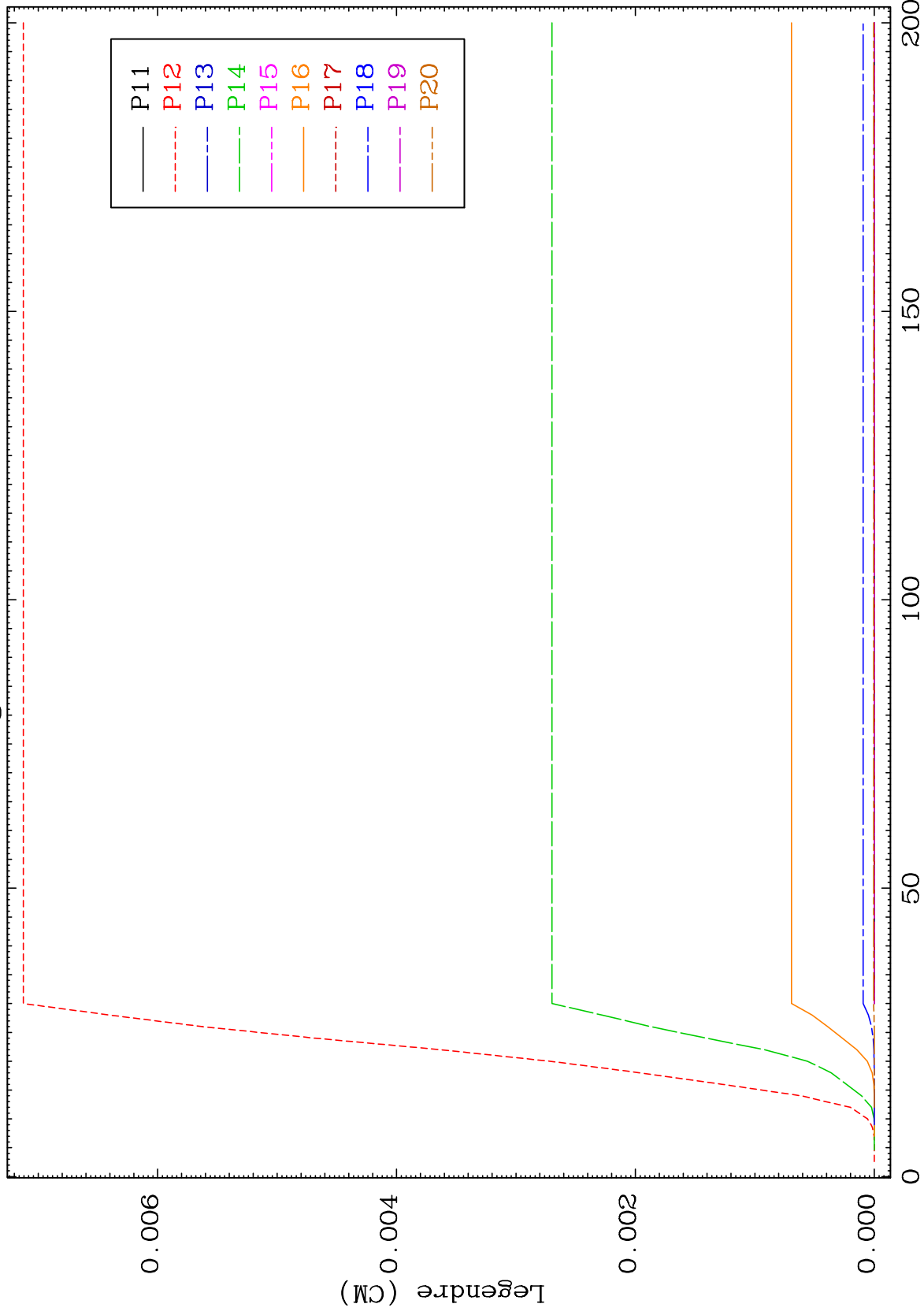
47-Ag-107



MAT 4725

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

47-Ag-107

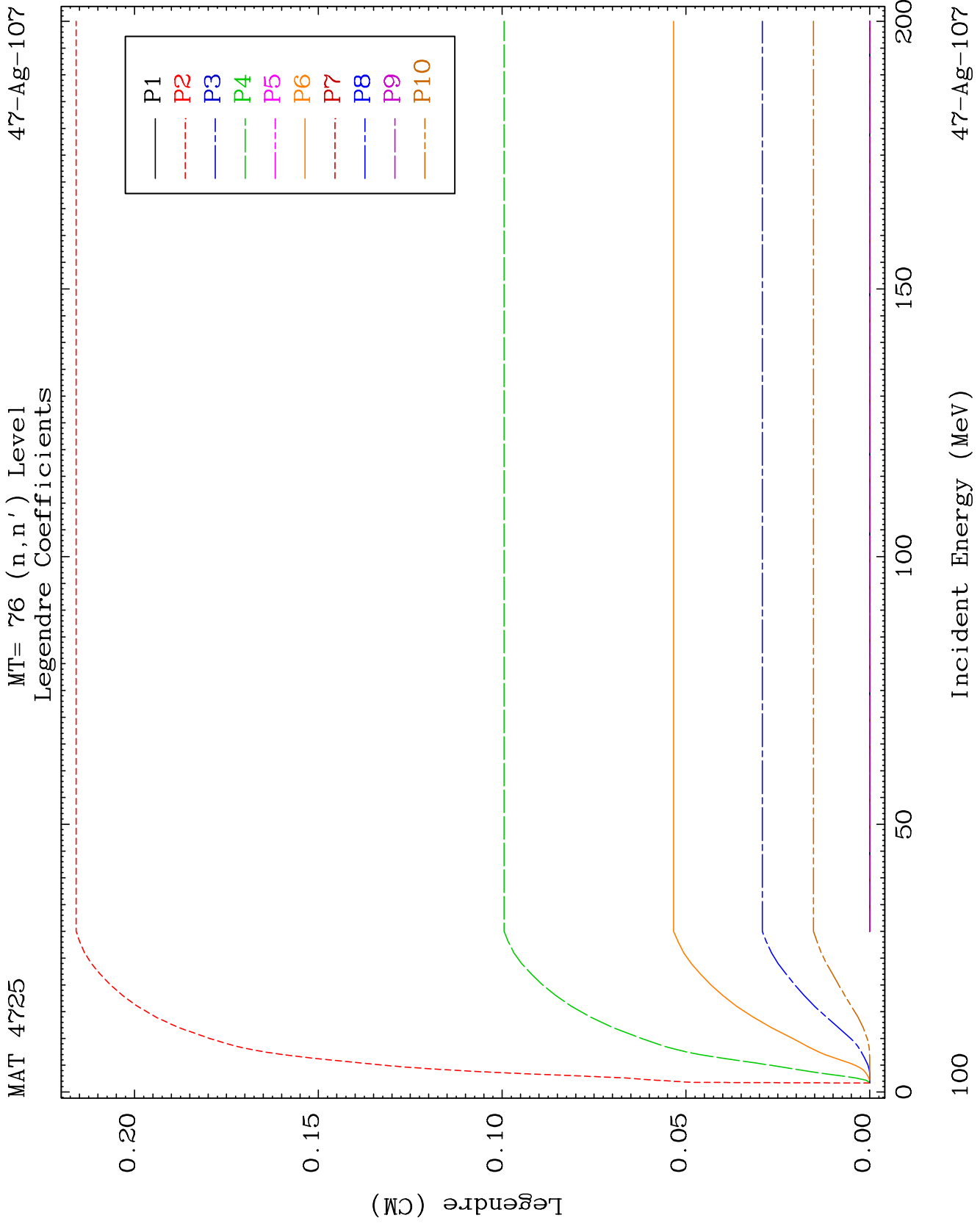


98

Incident Energy (MeV)

47-Ag-107

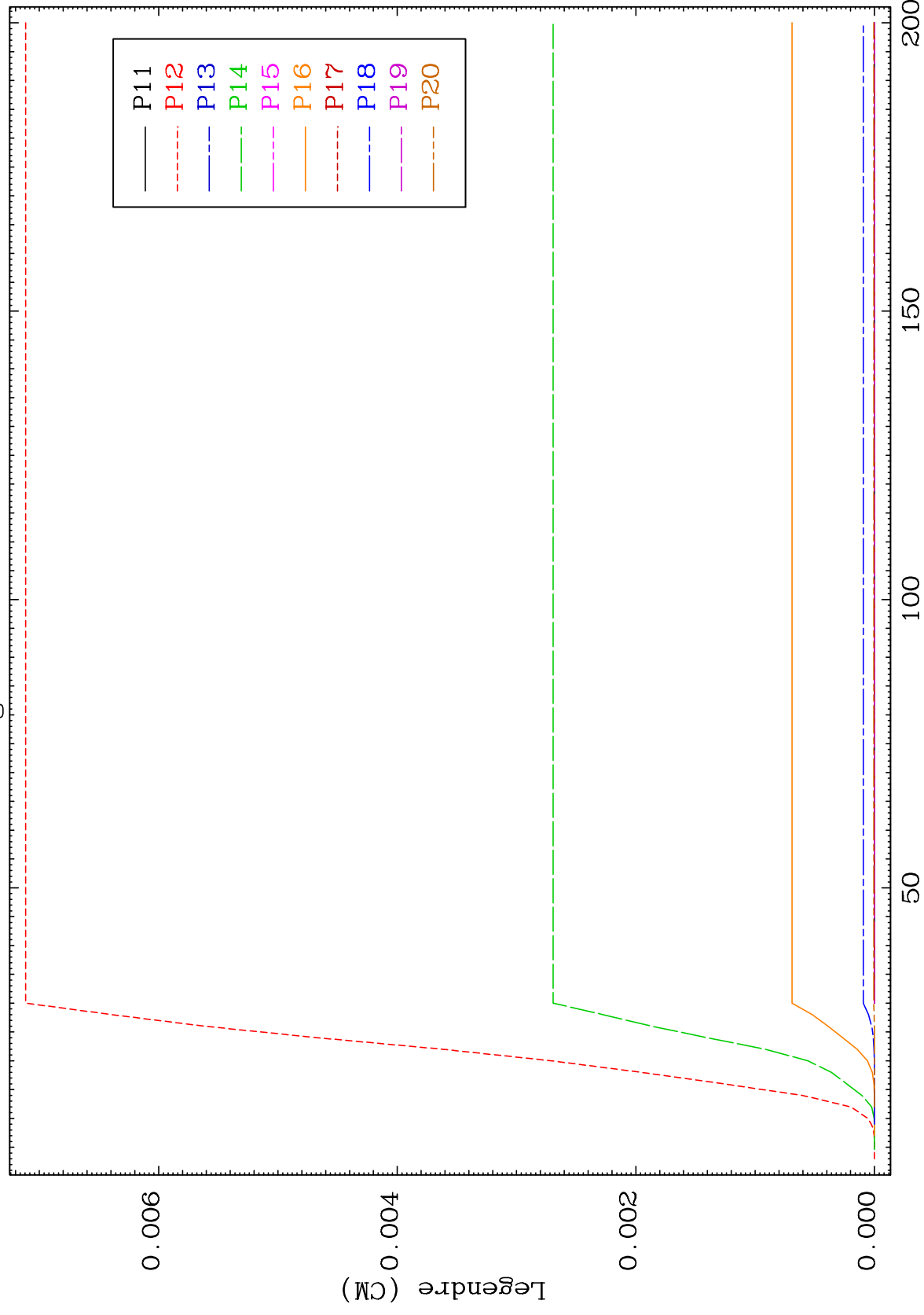




MAT 4725

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

47-Ag-107



101

Incident Energy (MeV)

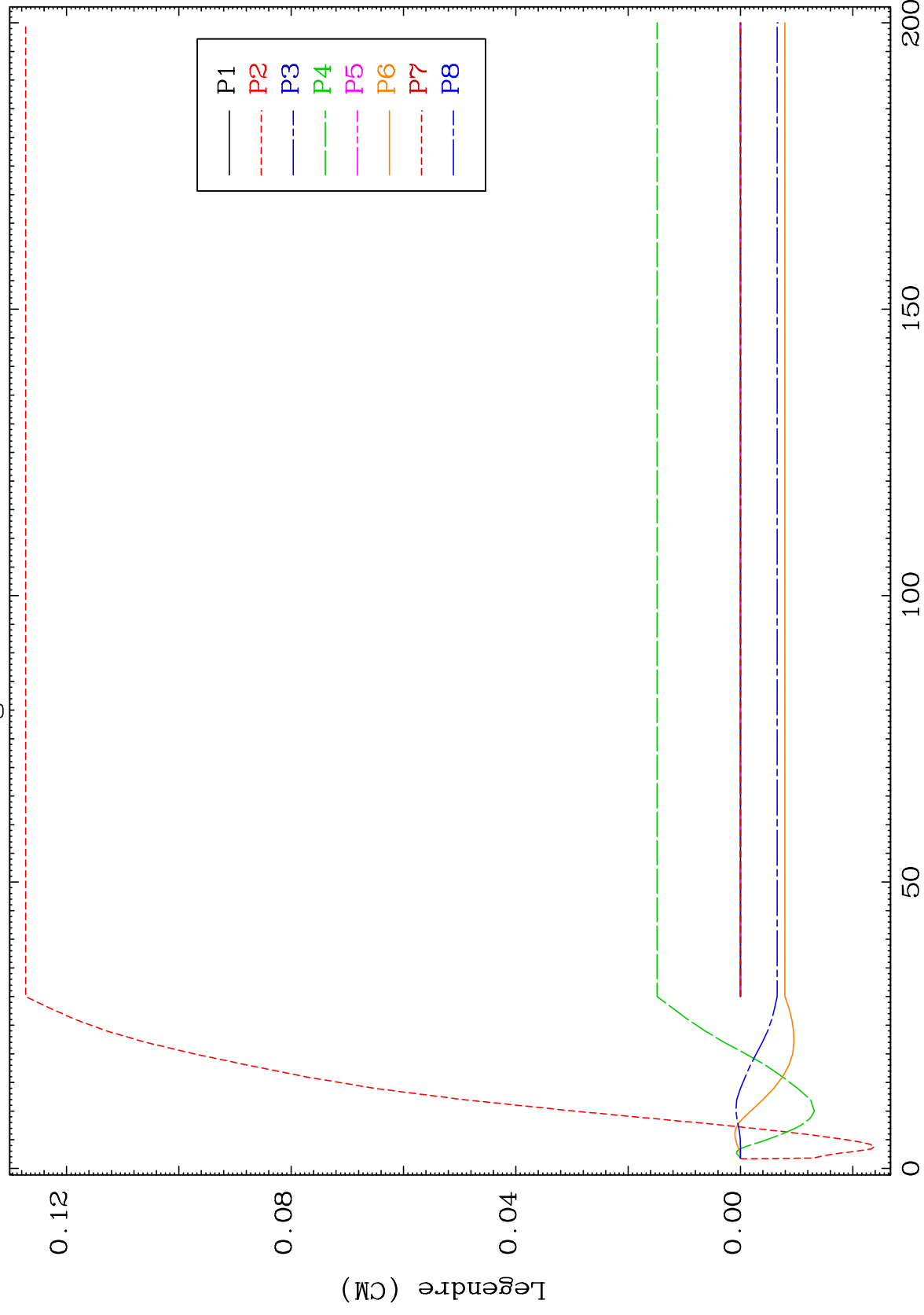
47-Ag-107



MAT 4725

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

47-Ag-107



47-Ag-107

Incident Energy (MeV)

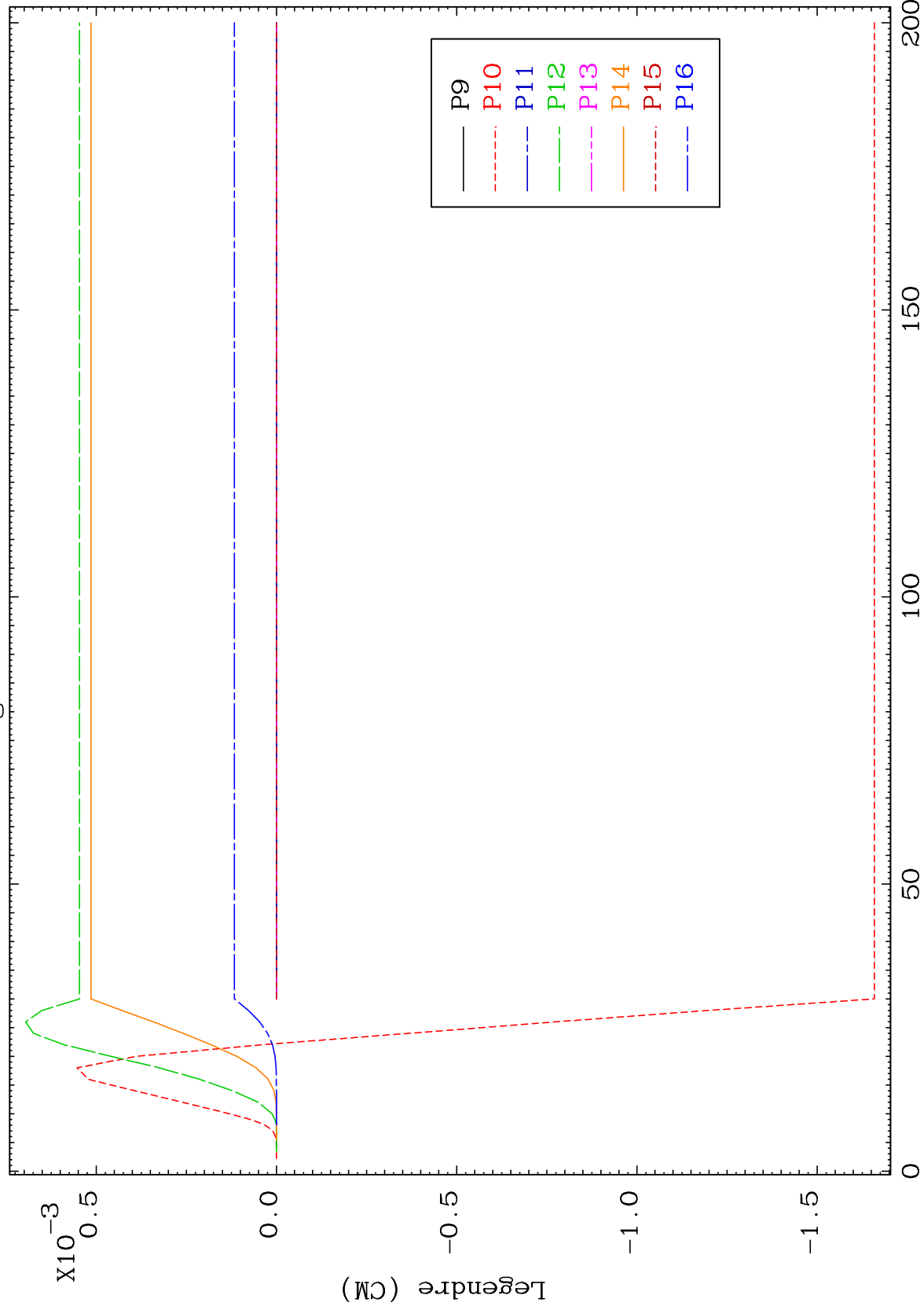
103



MAT 4725

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

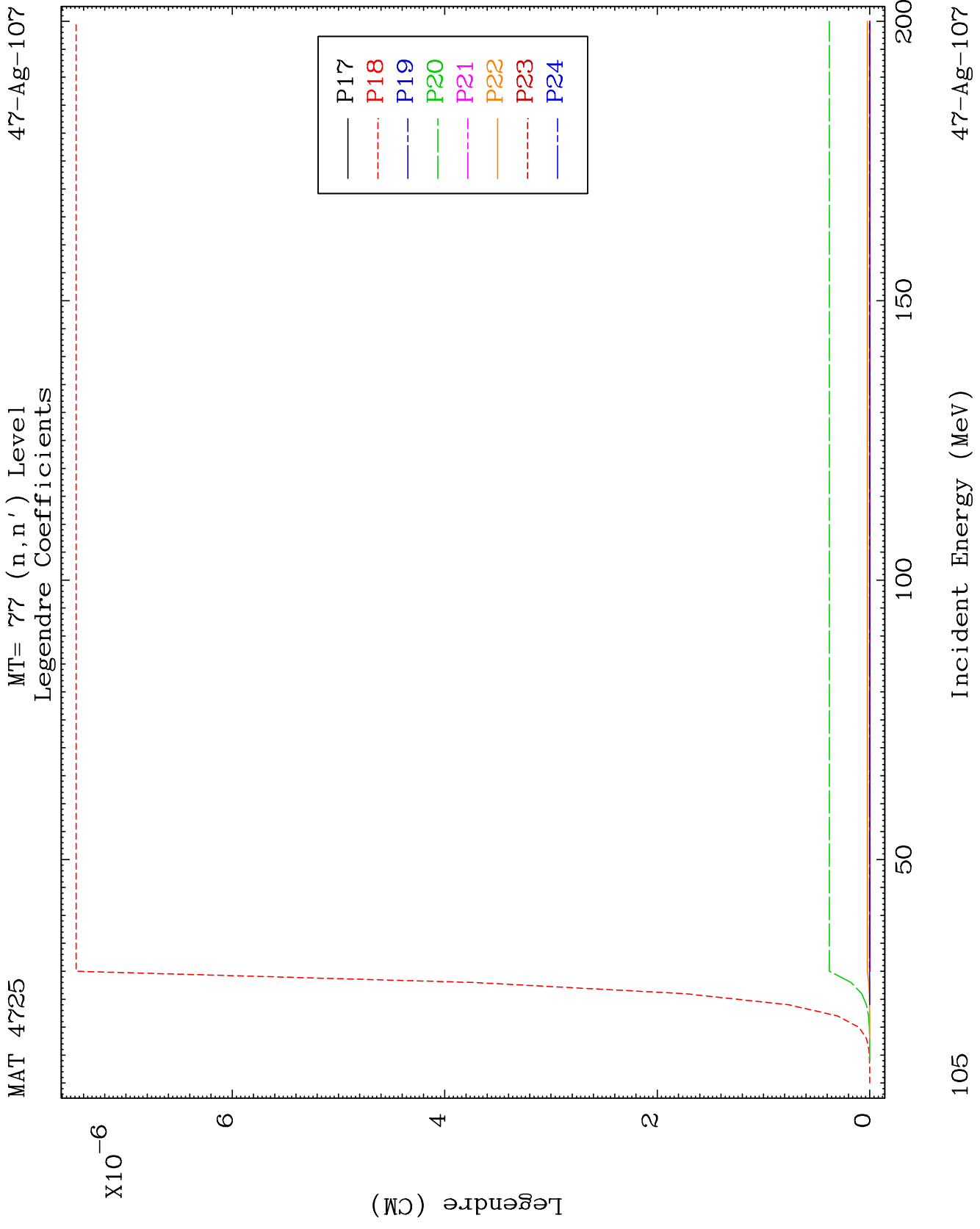
47-Ag-107



104

Incident Energy (MeV)

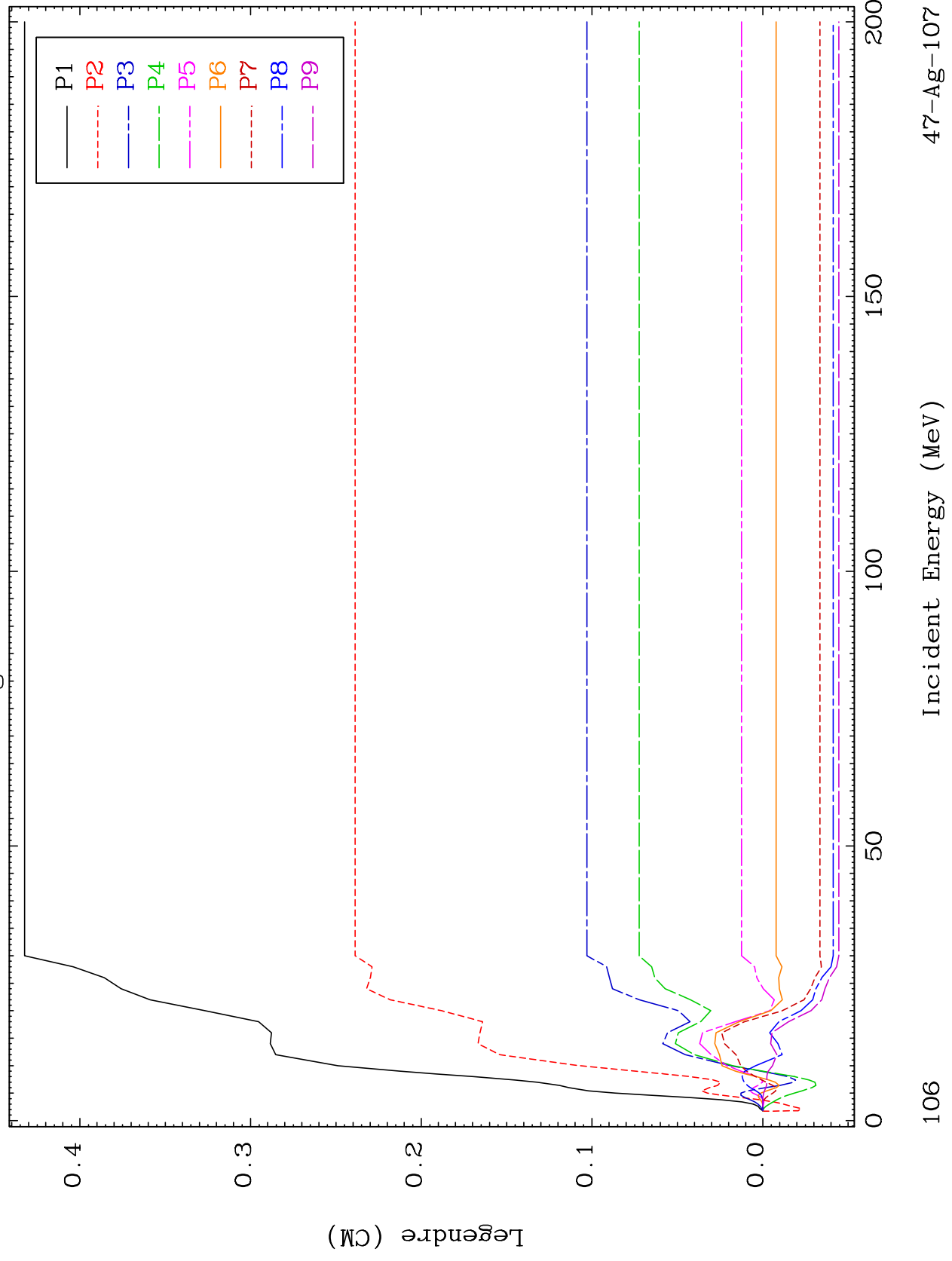
47-Ag-107



MAT 4725

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

47-Ag-107



47-Ag-107

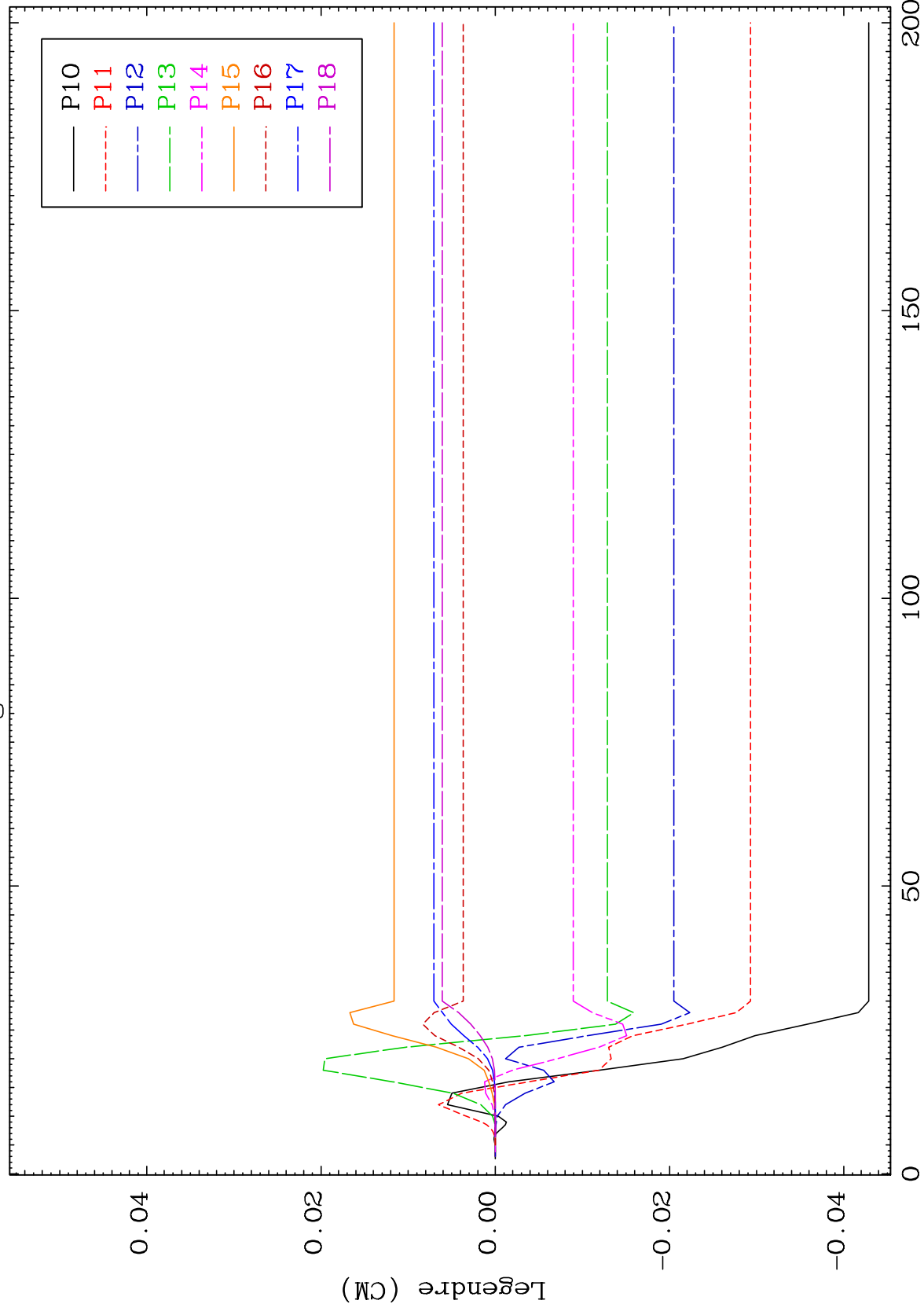
Incident Energy (MeV)

106

MAT 4725

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

47-Ag-107



107

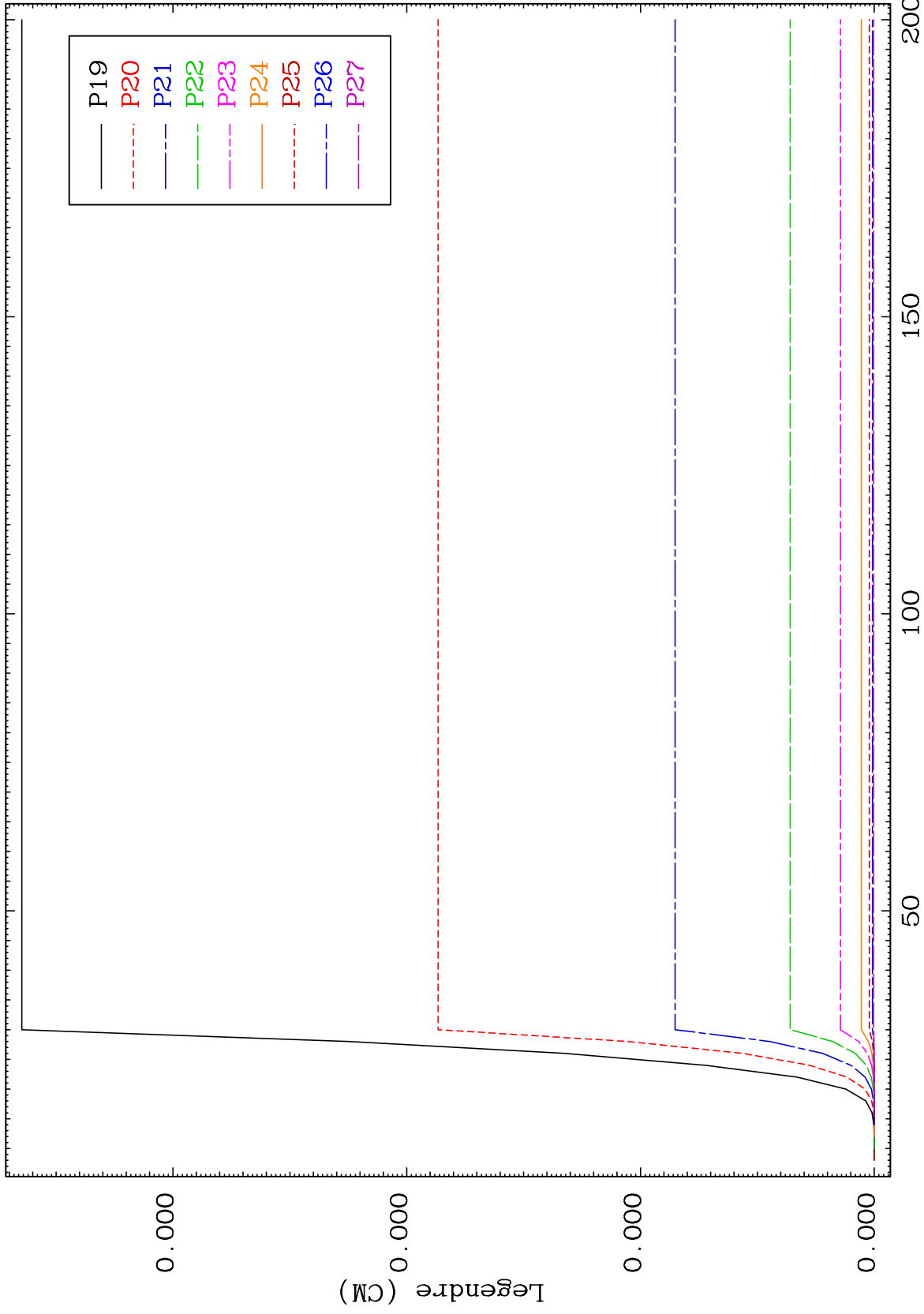
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



108

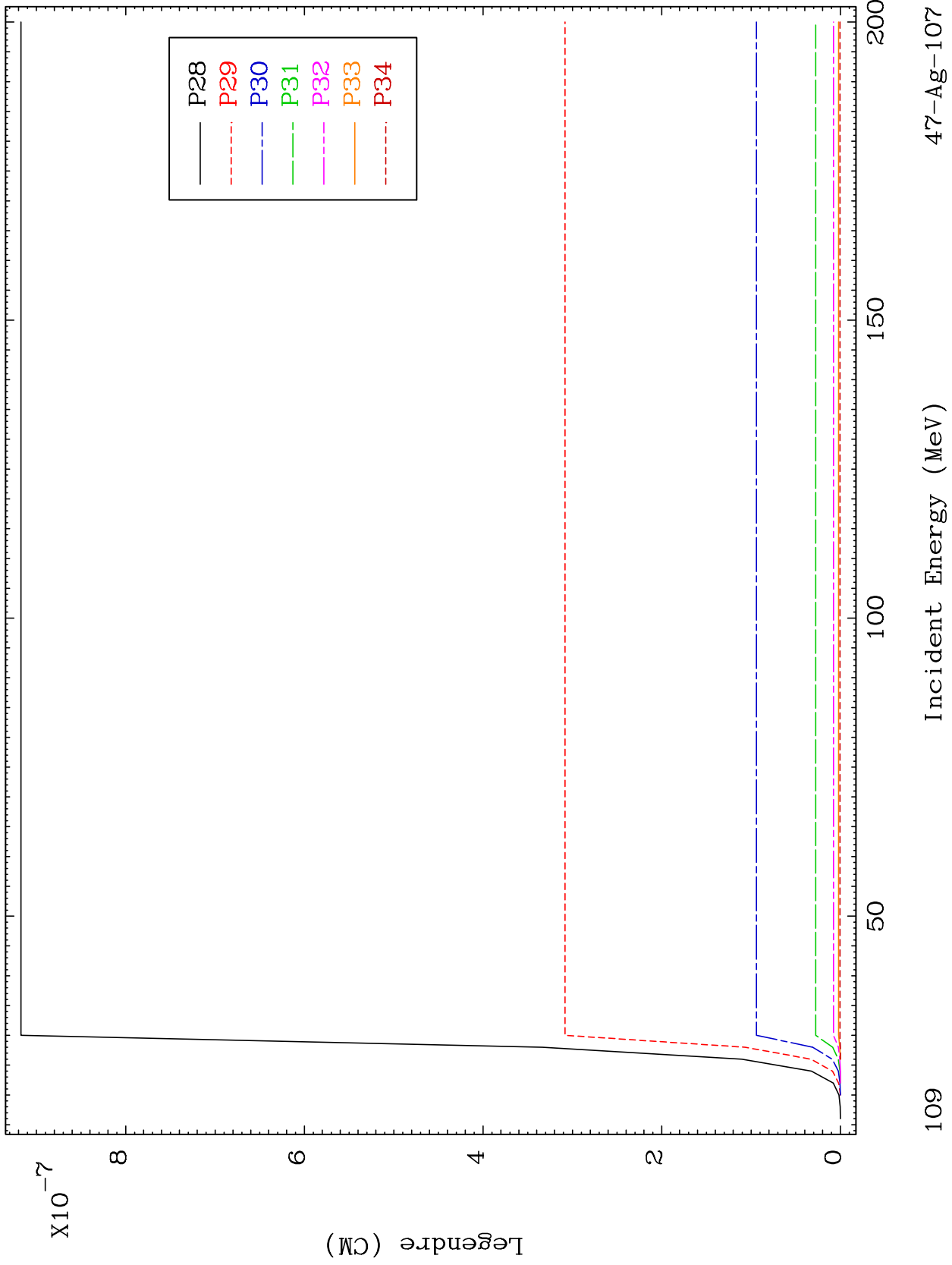
Incident Energy (MeV)

47-Ag-107

MAT 4725

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

47-Ag-107



109

Incident Energy (MeV)

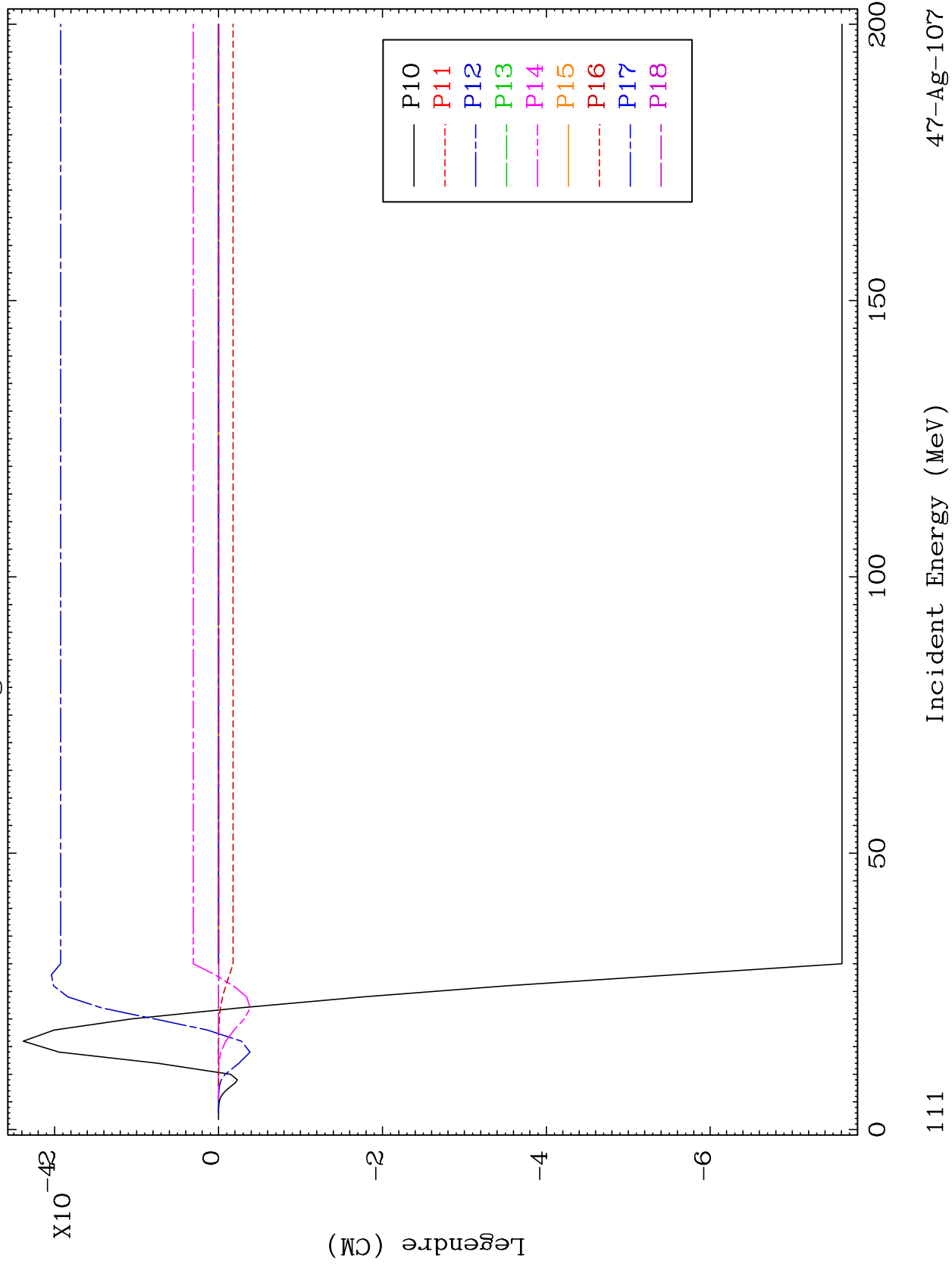
47-Ag-107



MAT 4725

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

47-Ag-107



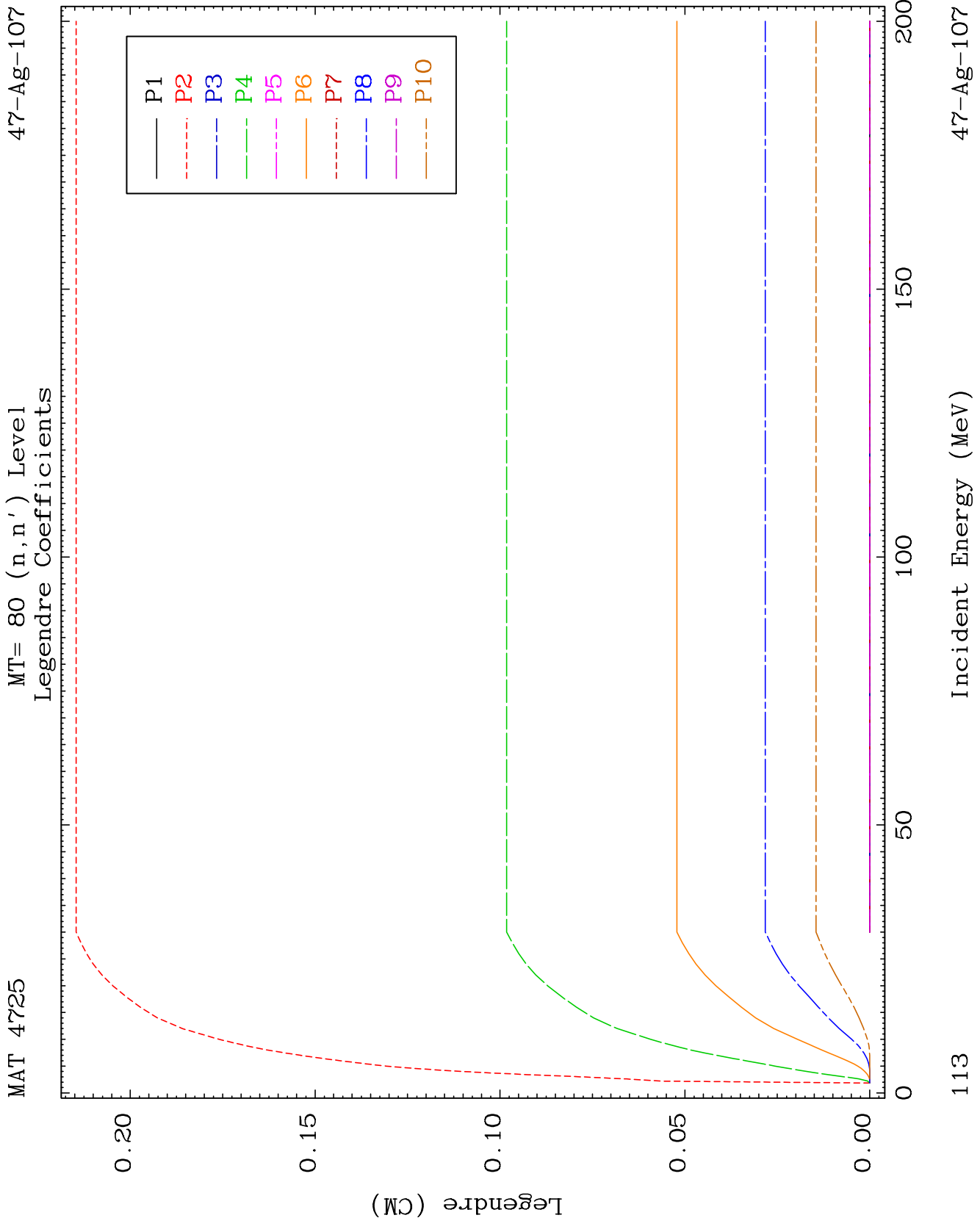
111

Incident Energy (MeV)

47-Ag-107



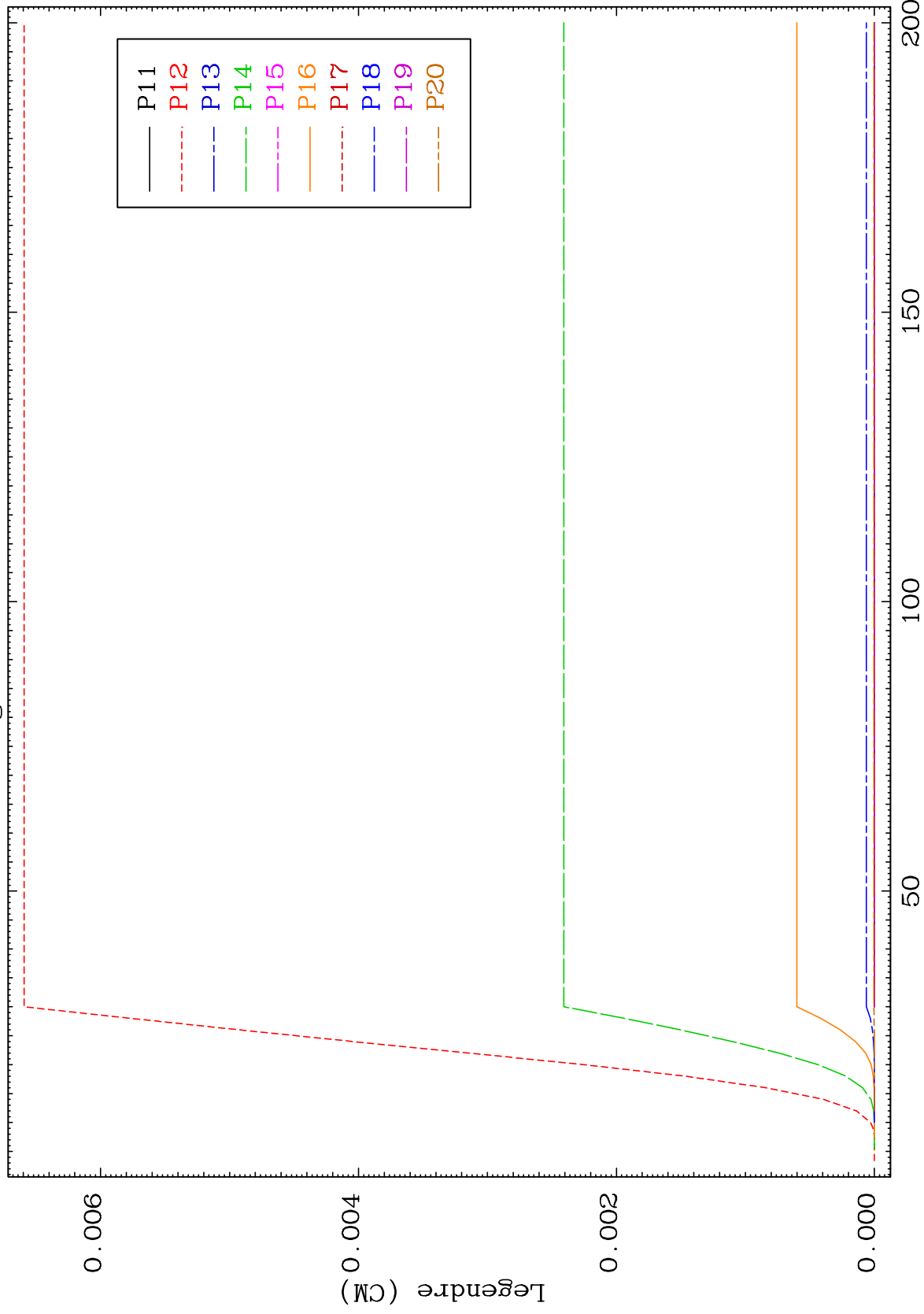




MAT 4725

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

47-Ag-107



114

Incident Energy (MeV)

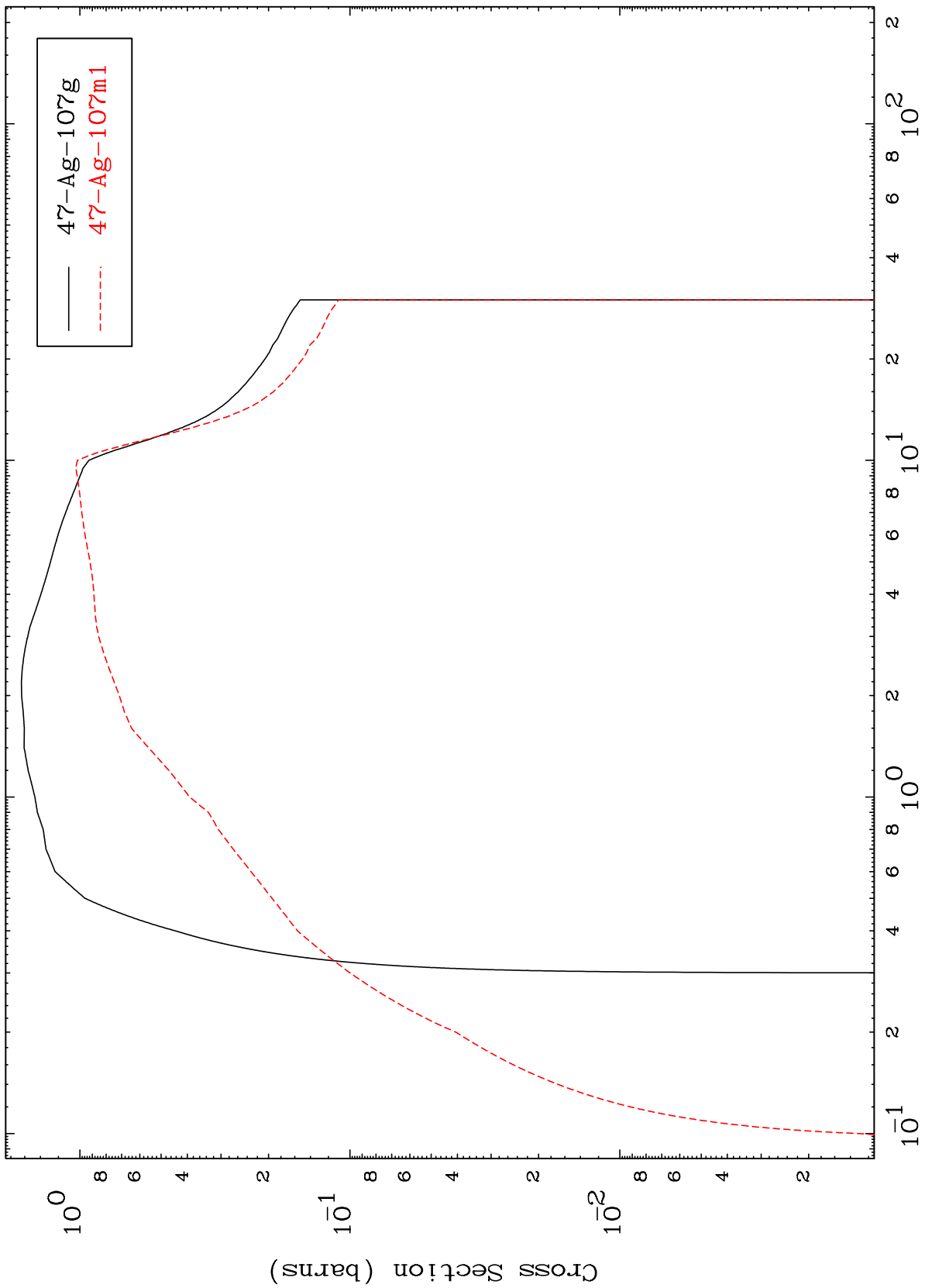
47-Ag-107



MAT 4725

47-Ag-107

Inelastic  
Radionuclide Production Cross Section



— 47-Ag-107g  
- - - 47-Ag-107m1

Incident Energy (MeV)

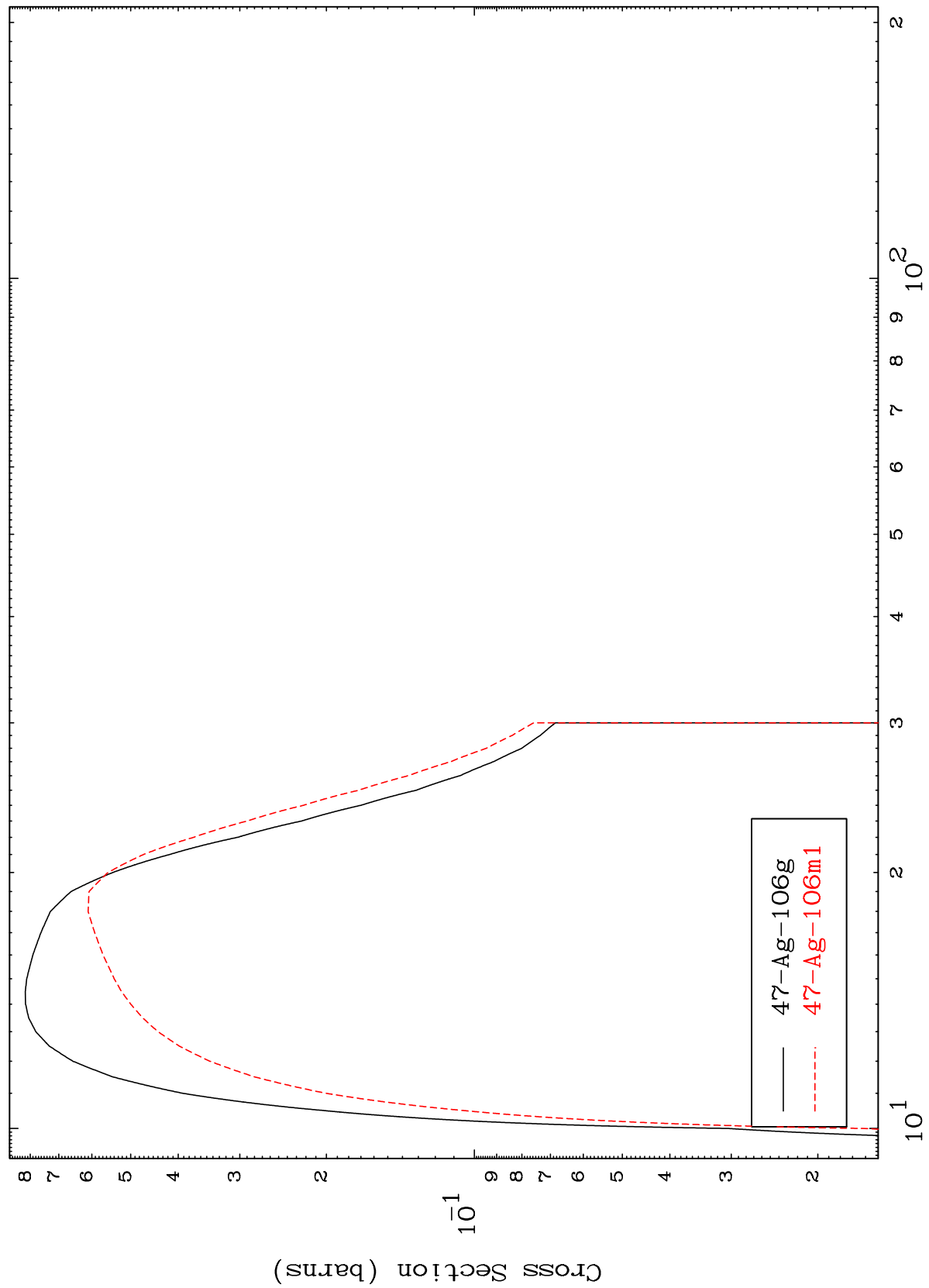
47-Ag-107

116

MAT 4725

47-Ag-107

(n,2n)  
Radionuclide Production Cross Section



— 47-Ag-106g  
- - - 47-Ag-106m1

47-Ag-107

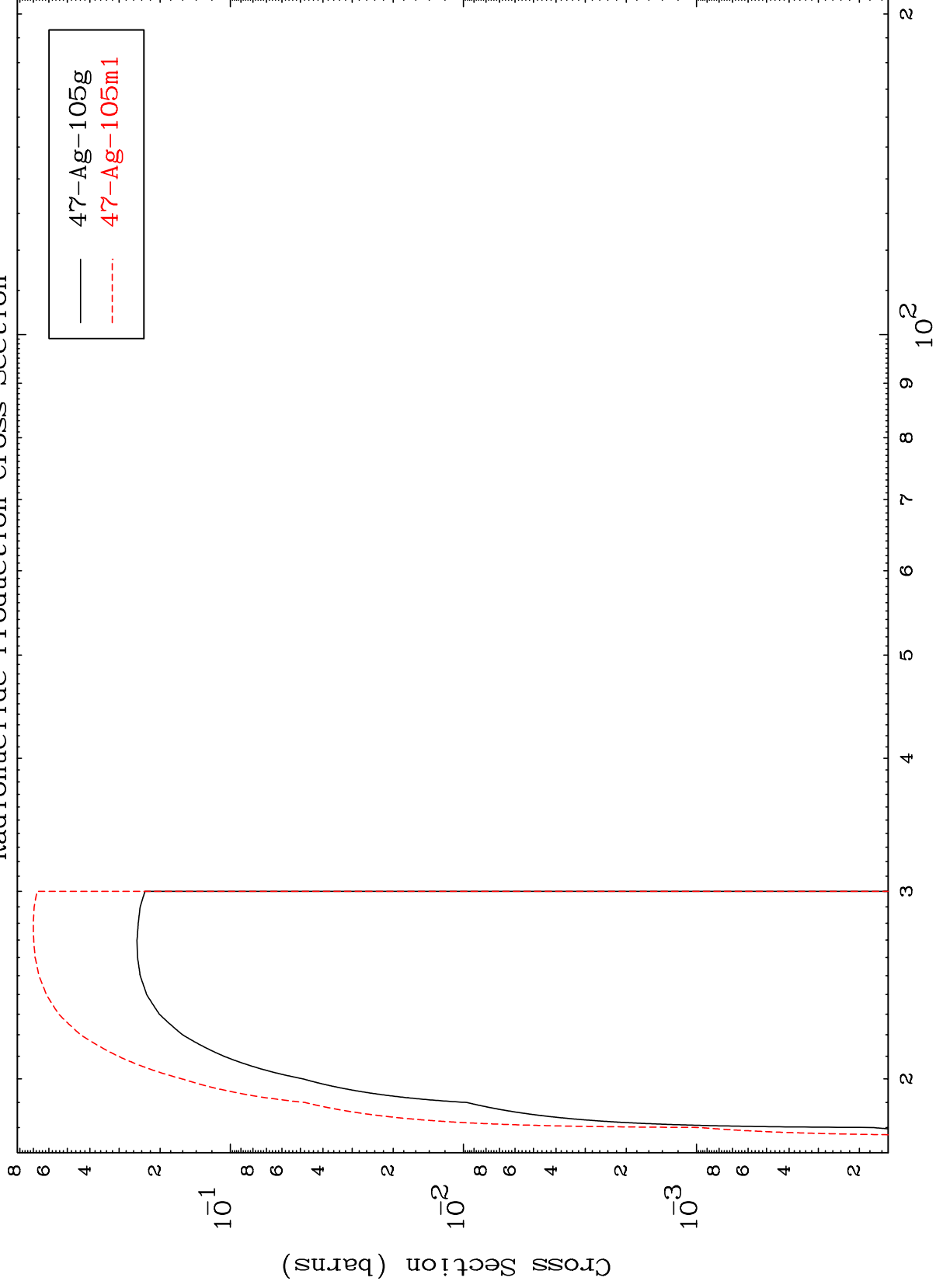
Incident Energy (MeV)

117

MAT 4725

47-Ag-107

(n,3n)  
Radionuclide Production Cross Section



118

Incident Energy (MeV)

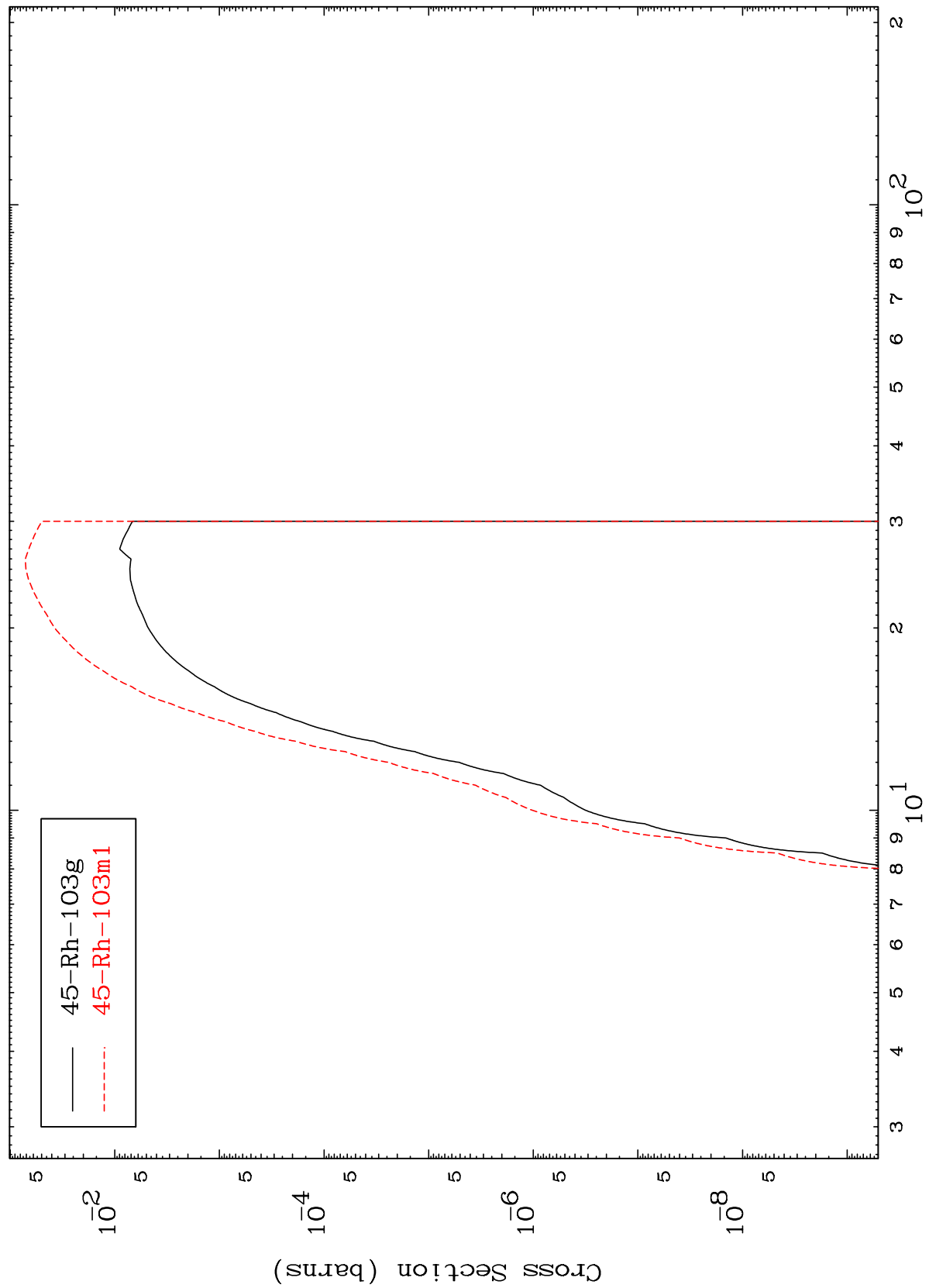
47-Ag-107

MAT 4725

47-Ag-107

(n,n')  $\alpha$

Radionuclide Production Cross Section



119

Incident Energy (MeV)

47-Ag-107

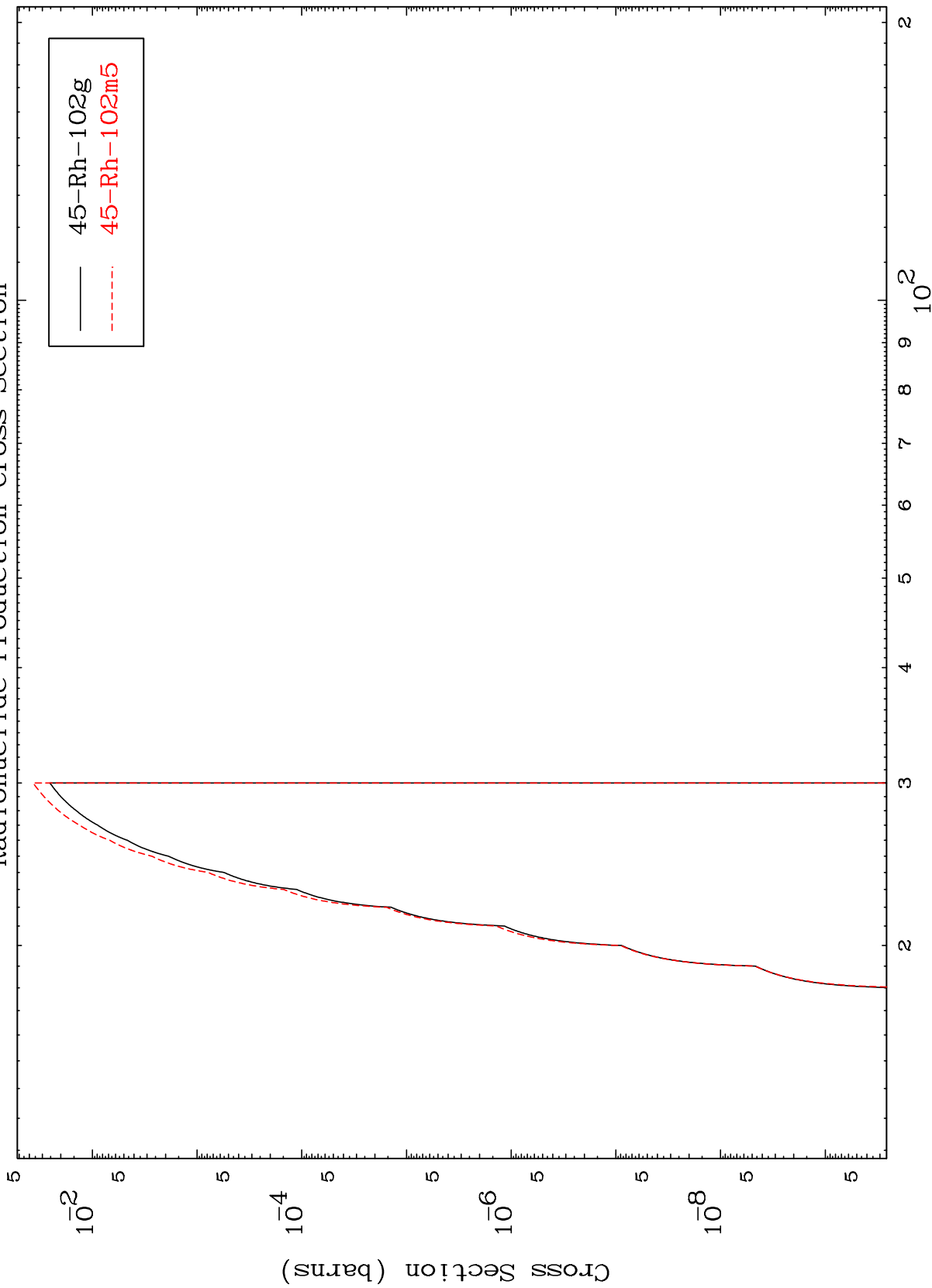


MAT 4725

47-Ag-107

(n,2n)  $\alpha$

Radionuclide Production Cross Section



120

Incident Energy (MeV)

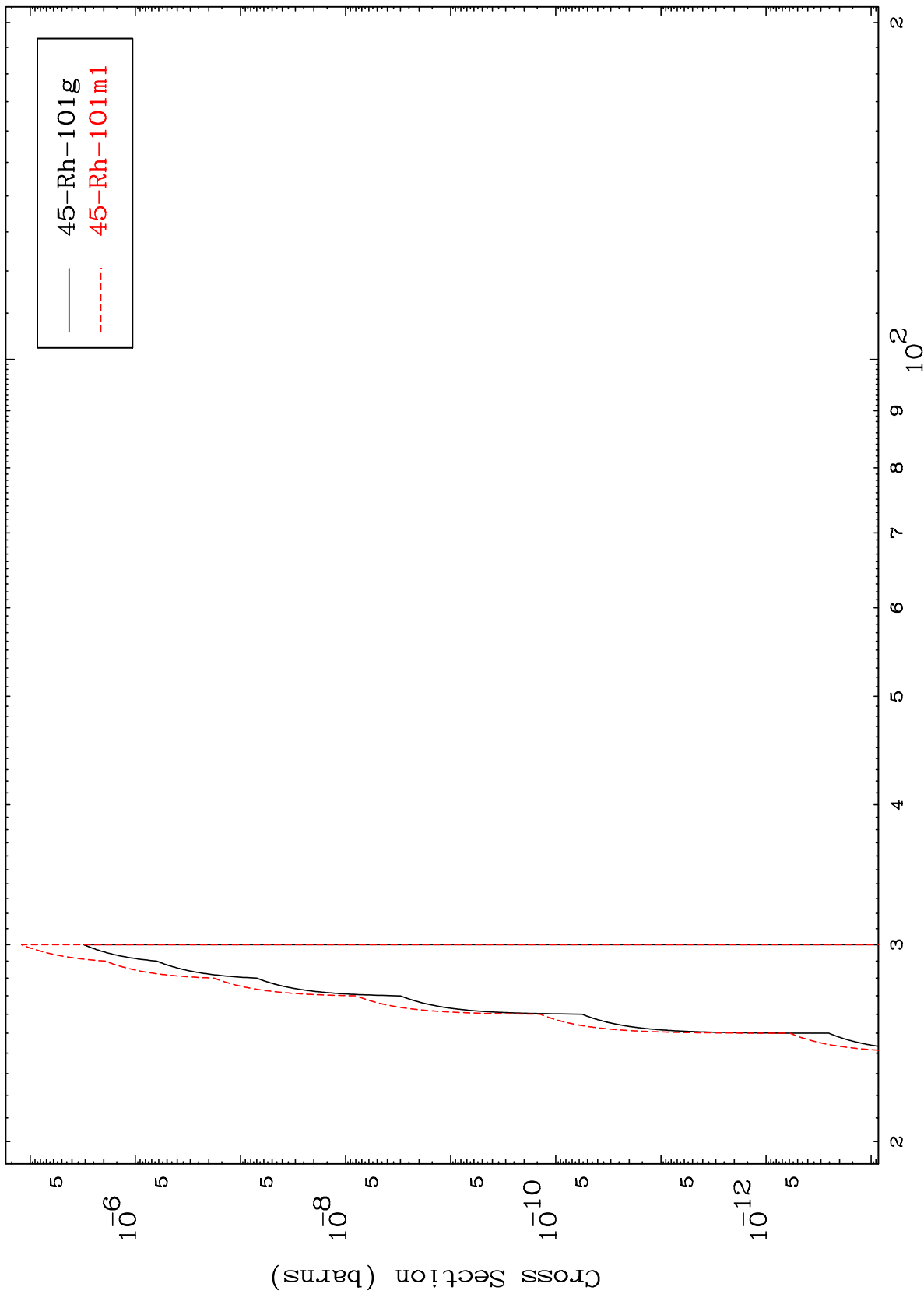
47-Ag-107

MAT 4725

(n,3n)  $\alpha$

47-Ag-107

Radionuclide Production Cross Section



121

Incident Energy (MeV)

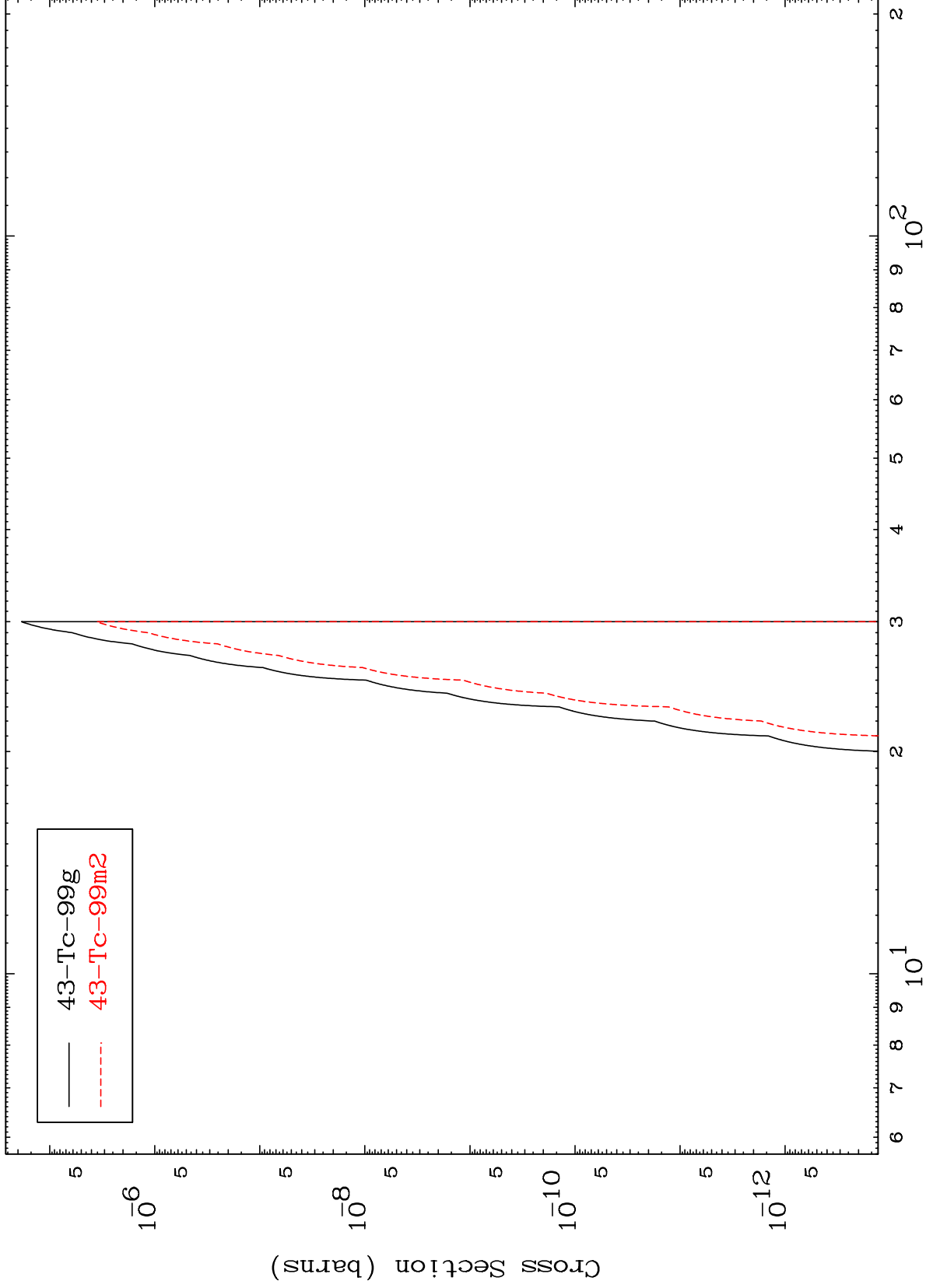
47-Ag-107

MAT 4725

(n,n') 2α

47-Ag-107

Radionuclide Production Cross Section



122

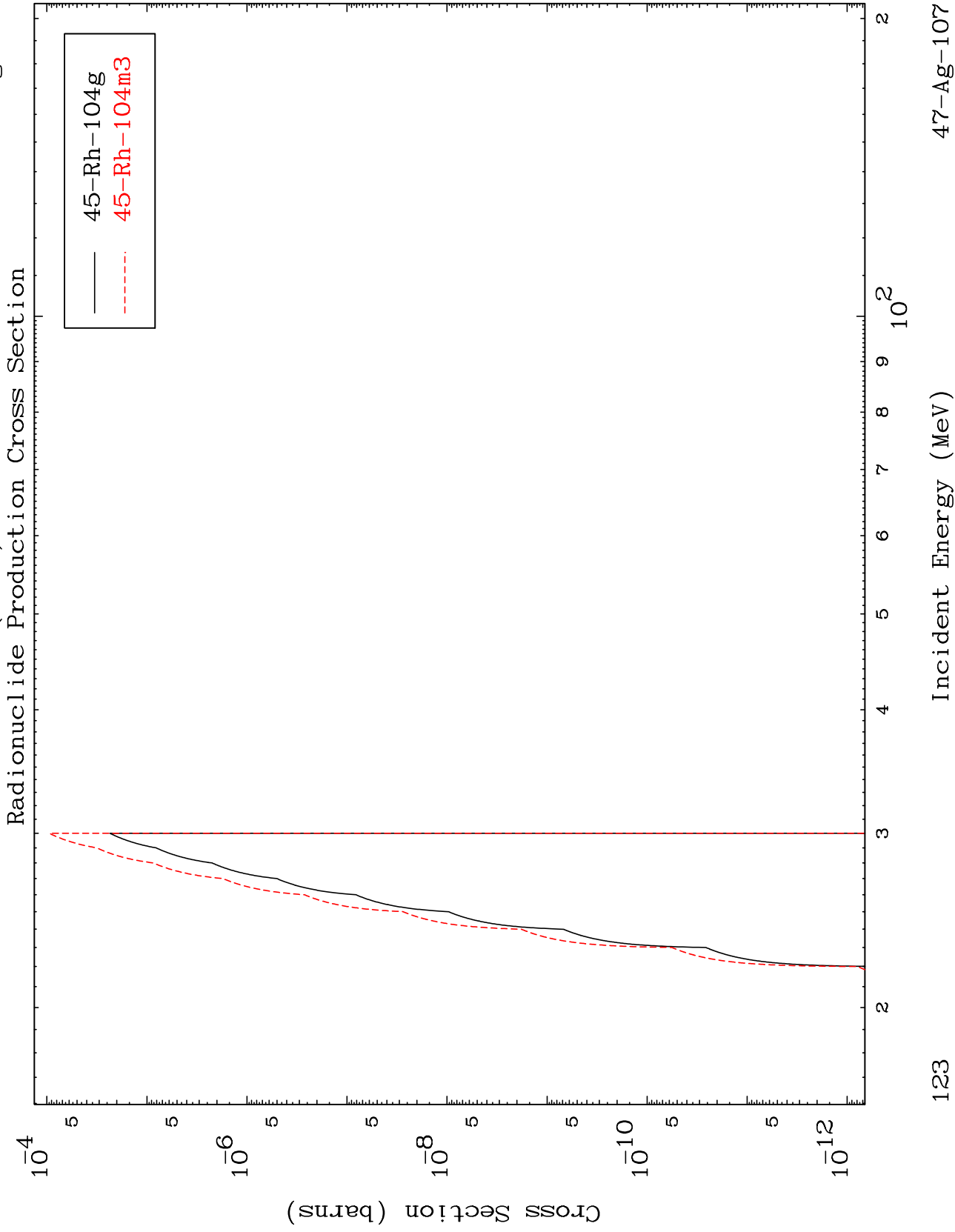
Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,n') He-3

47-Ag-107



123

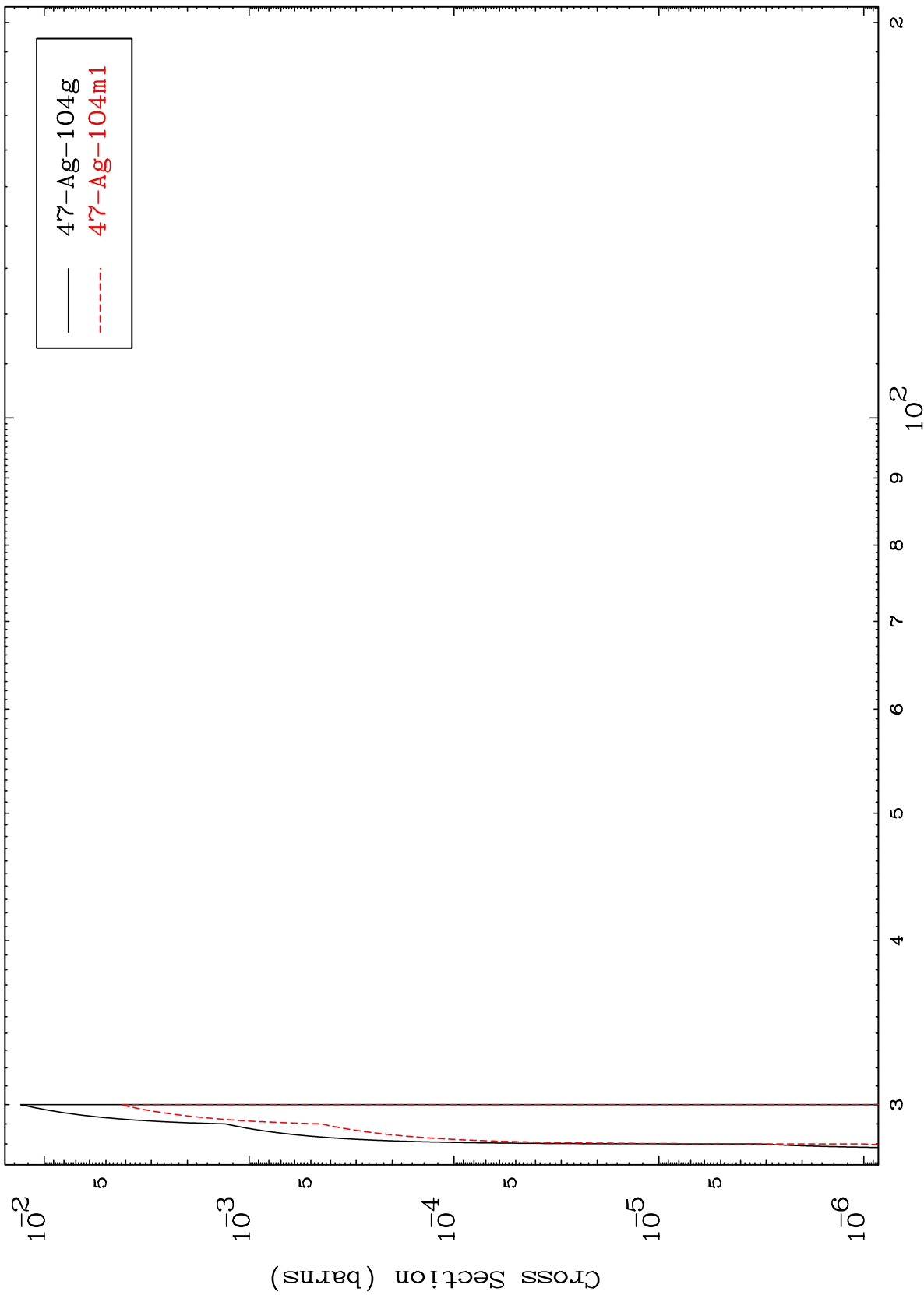
Incident Energy (MeV)

47-Ag-107

MAT 4725

47-Ag-107

(n,4n)  
Radionuclide Production Cross Section



124

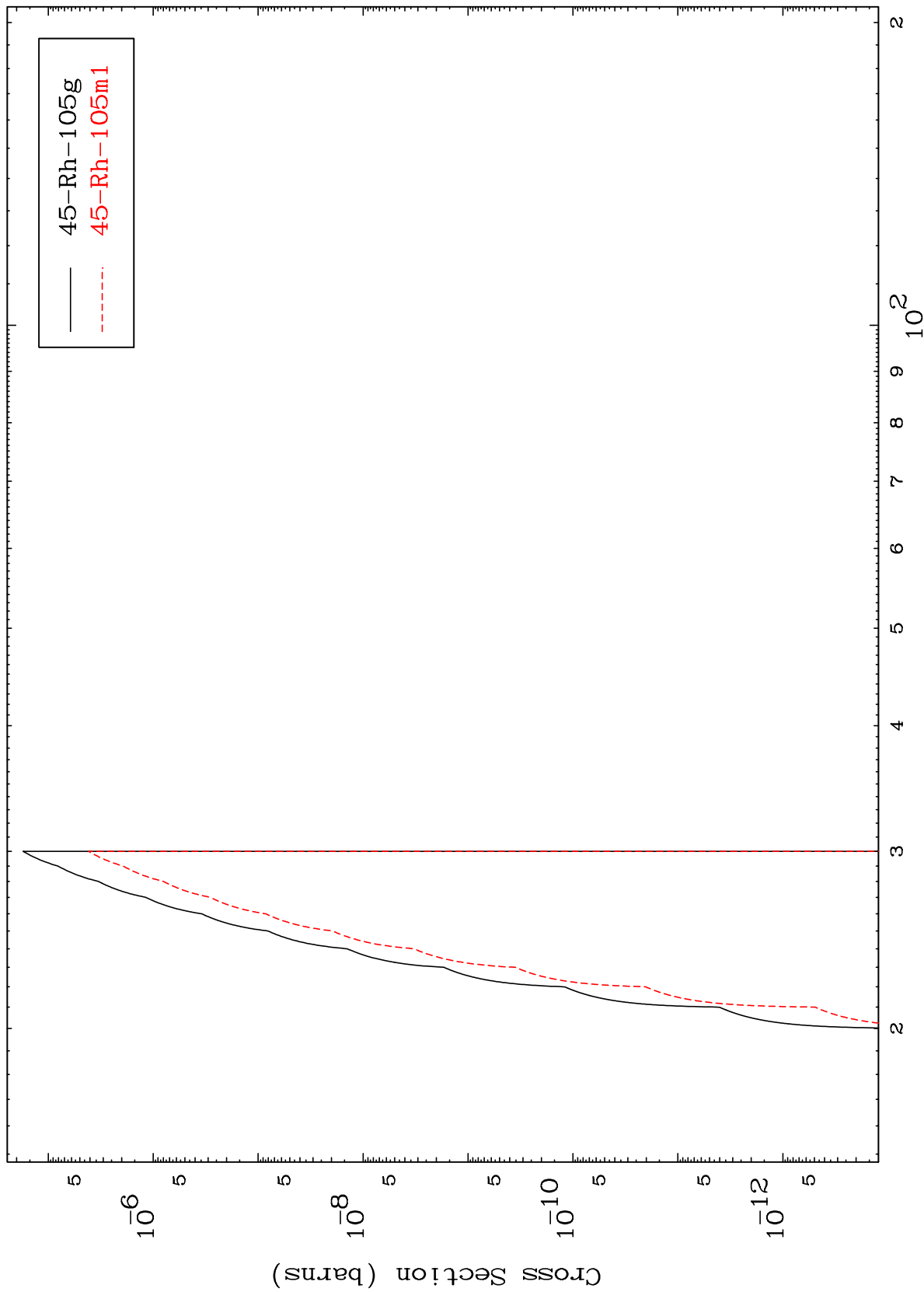
Incident Energy (MeV)

47-Ag-107

MAT 4725

47-Ag-107

(n,2n) p  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

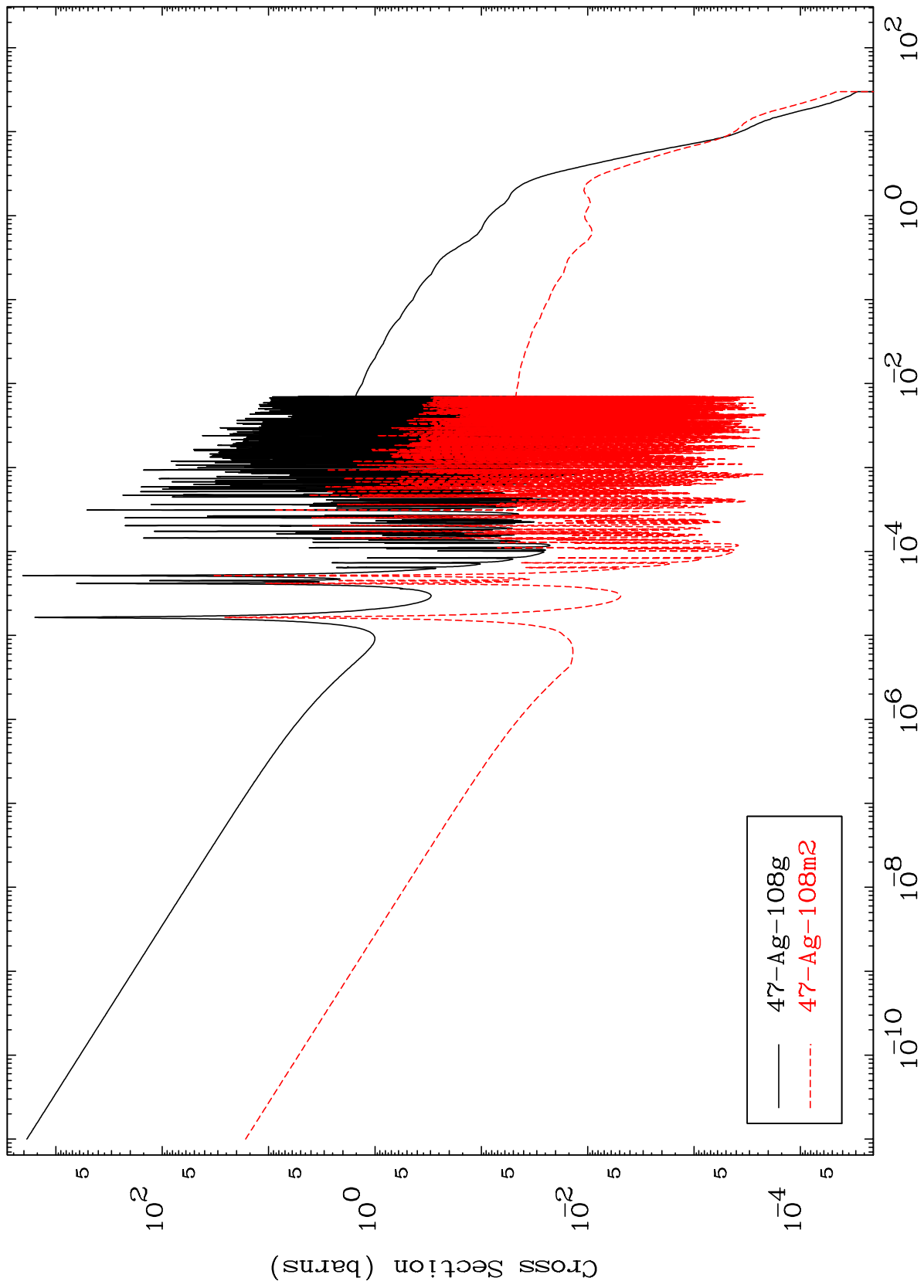
47-Ag-107

MAT 4725

47-Ag-107

Radionuclide Production Cross Section

(n,  $\gamma$ )



126

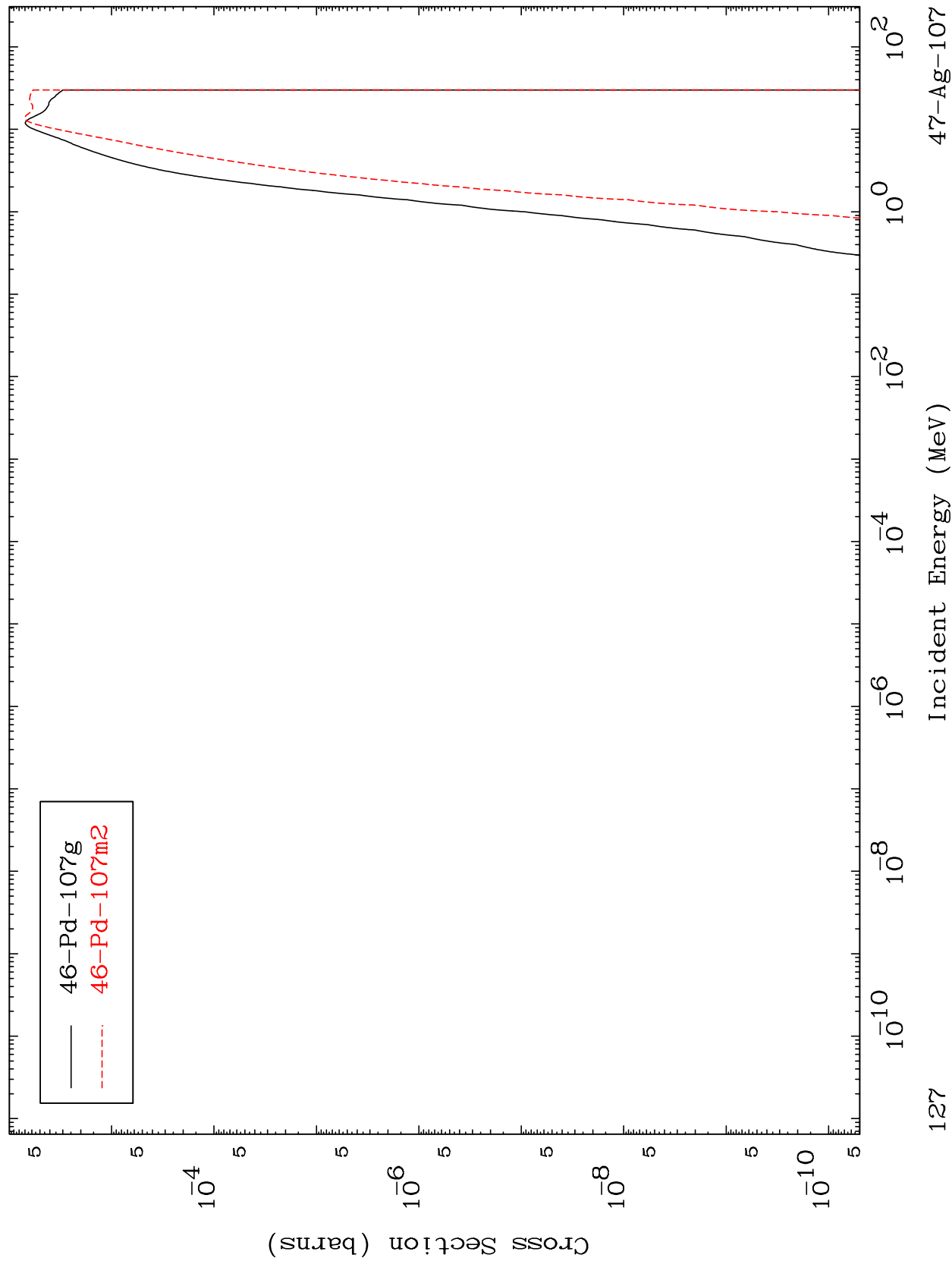
47-Ag-107

Incident Energy (MeV)

MAT 4725

47-Ag-107

(n,p)  
Radionuclide Production Cross Section

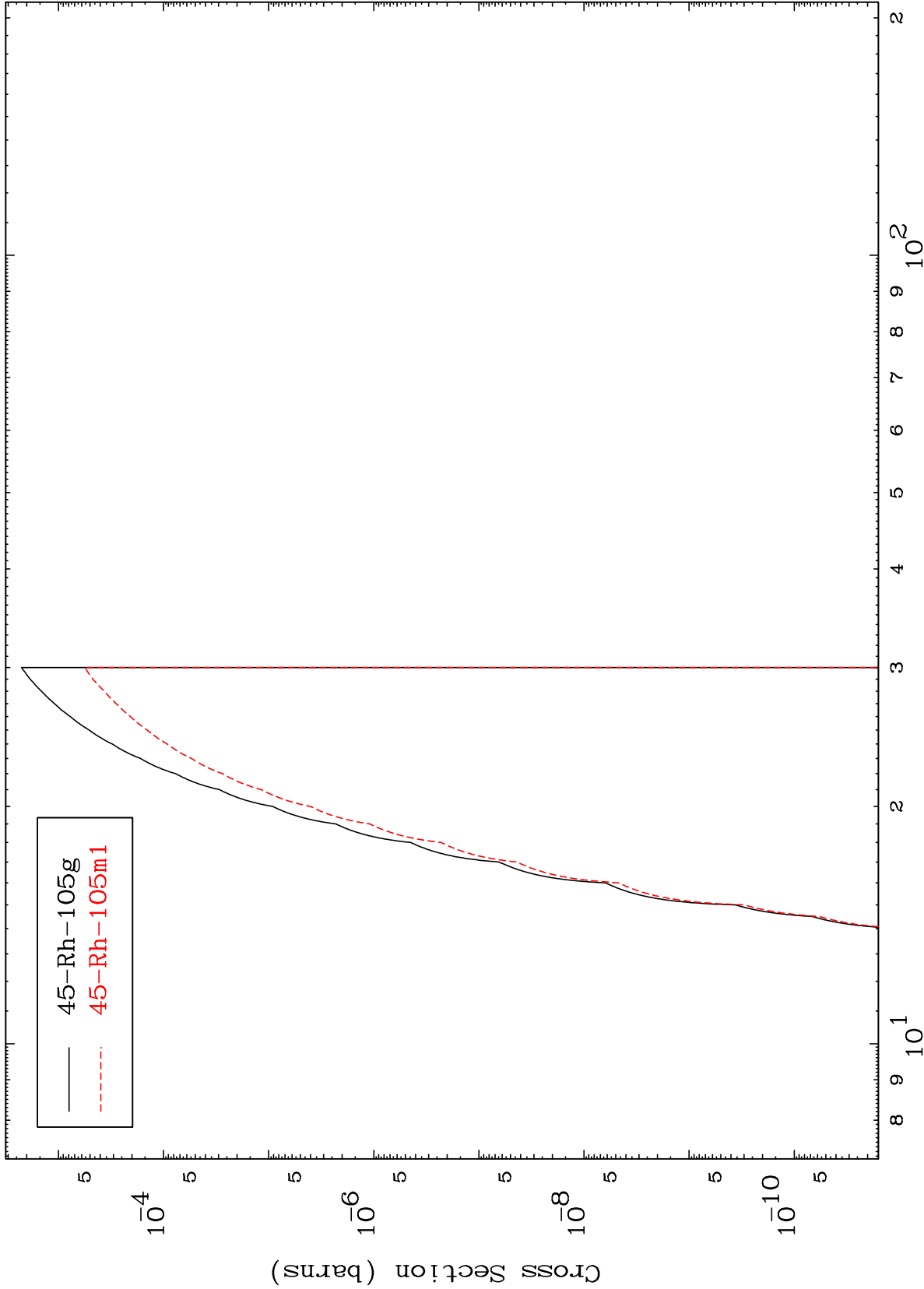


127

47-Ag-107



Radionuclide Production Cross Section  
(n,He-3)

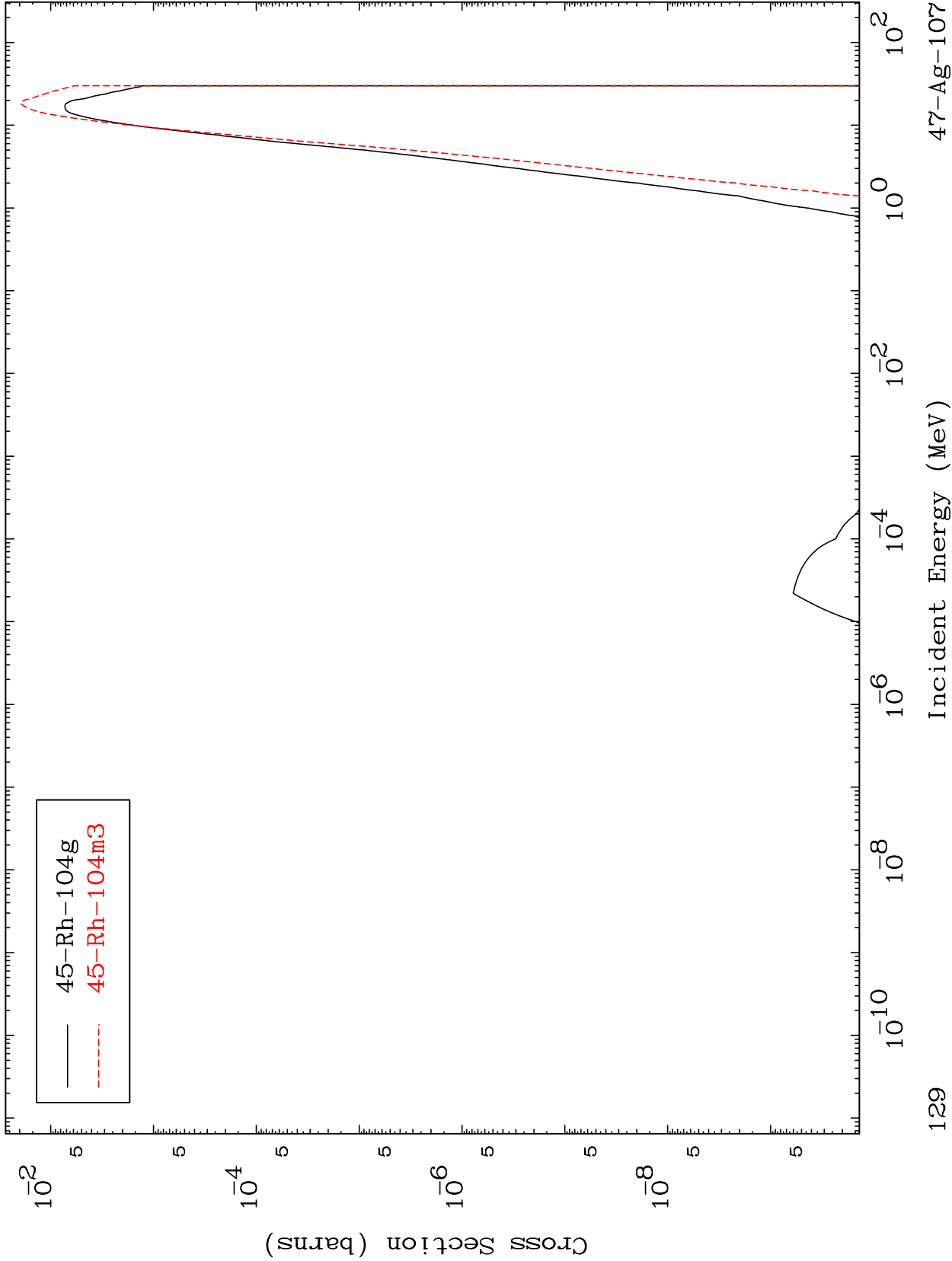


— 45-Rh-105g  
- - - 45-Rh-105m1

MAT 4725

47-Ag-107

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



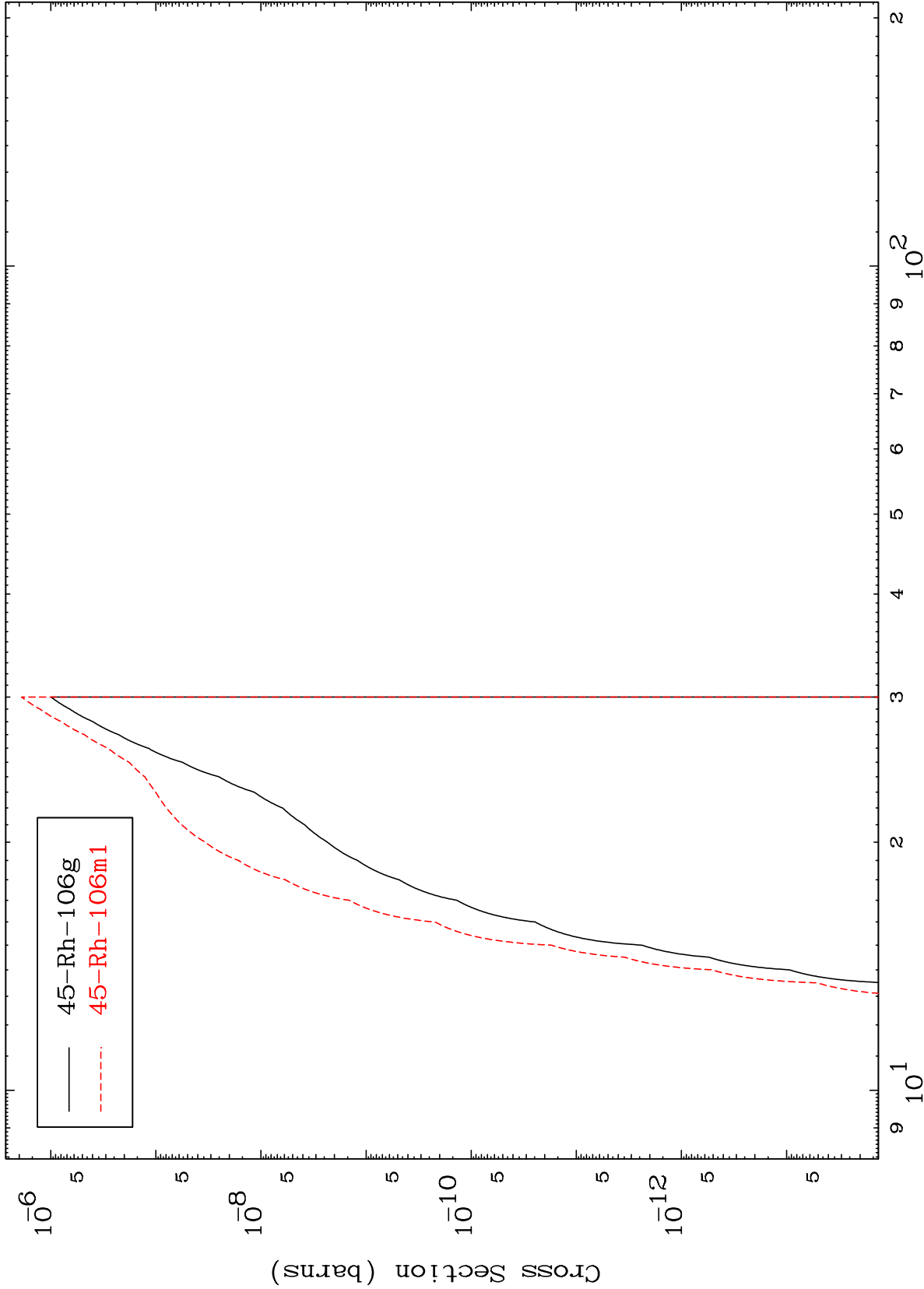
129

47-Ag-107

MAT 4725

47-Ag-107

(n,2p)  
Radionuclide Production Cross Section



130

Incident Energy (MeV)

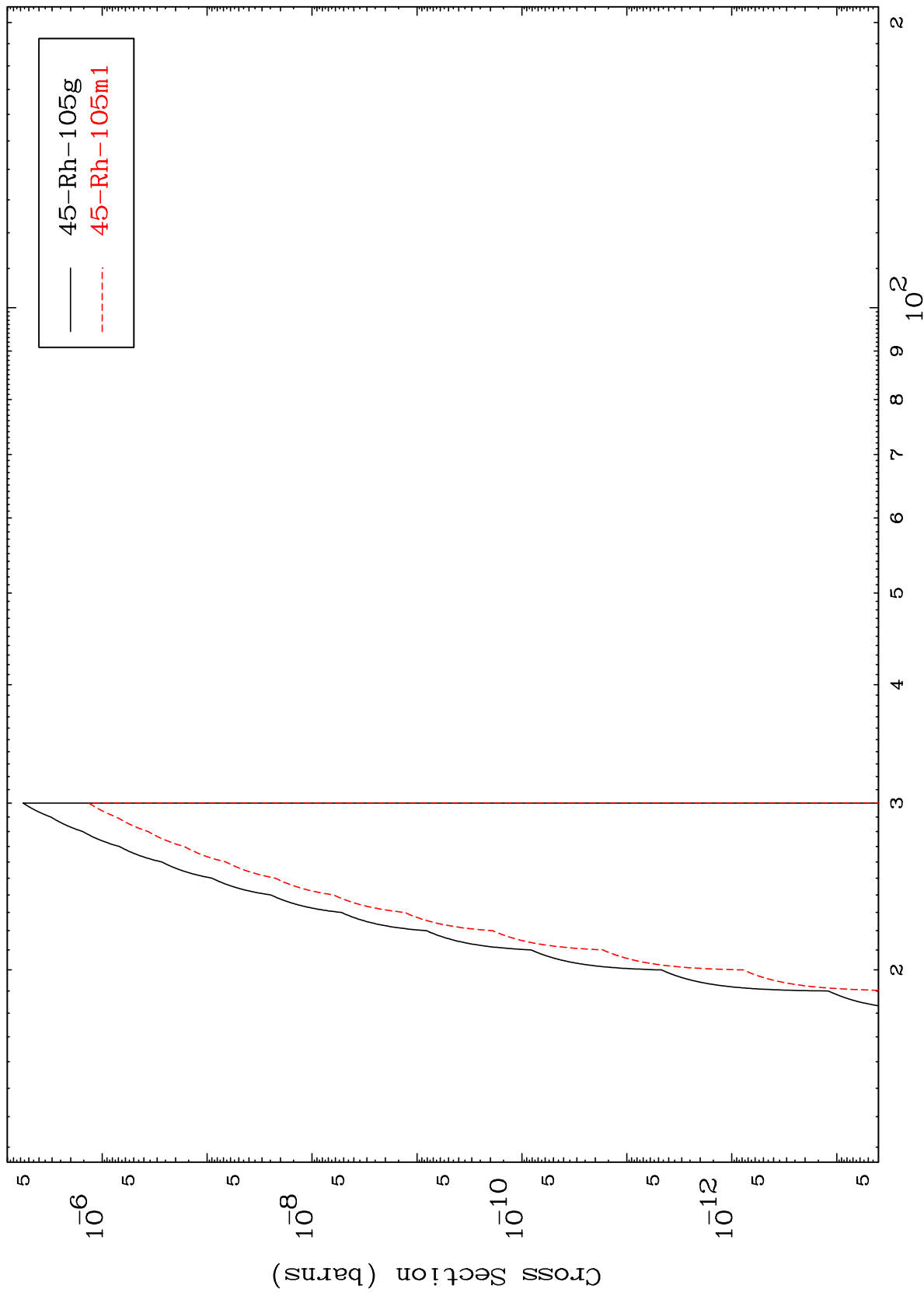
47-Ag-107

MAT 4725

(n,p) d

47-Ag-107

Radionuclide Production Cross Section



131

Incident Energy (MeV)

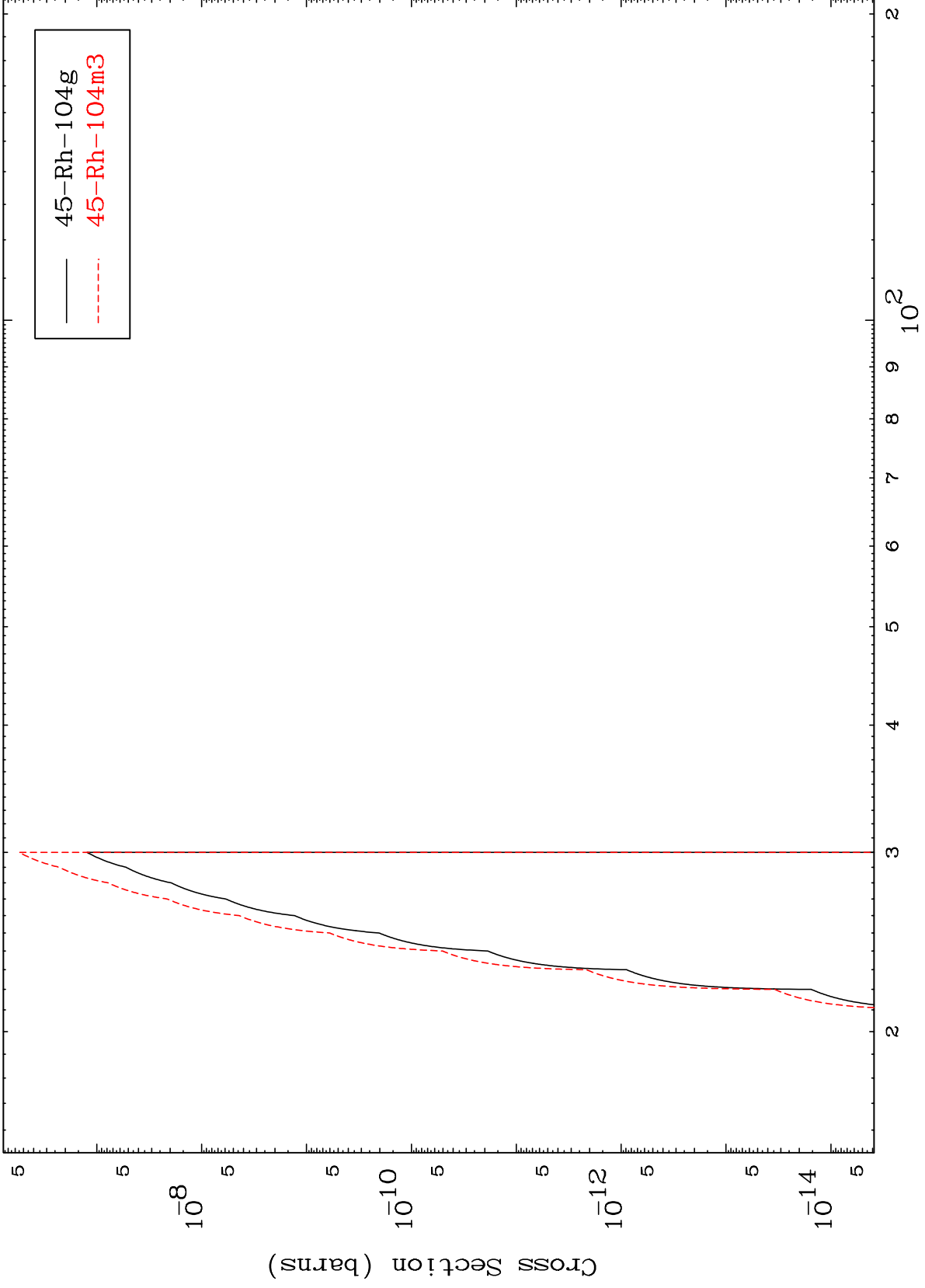
47-Ag-107

MAT 4725

(n,p) t

47-Ag-107

Radionuclide Production Cross Section



132

Incident Energy (MeV)

47-Ag-107