

Program EVALPLOT
(Version 2021-1)

by

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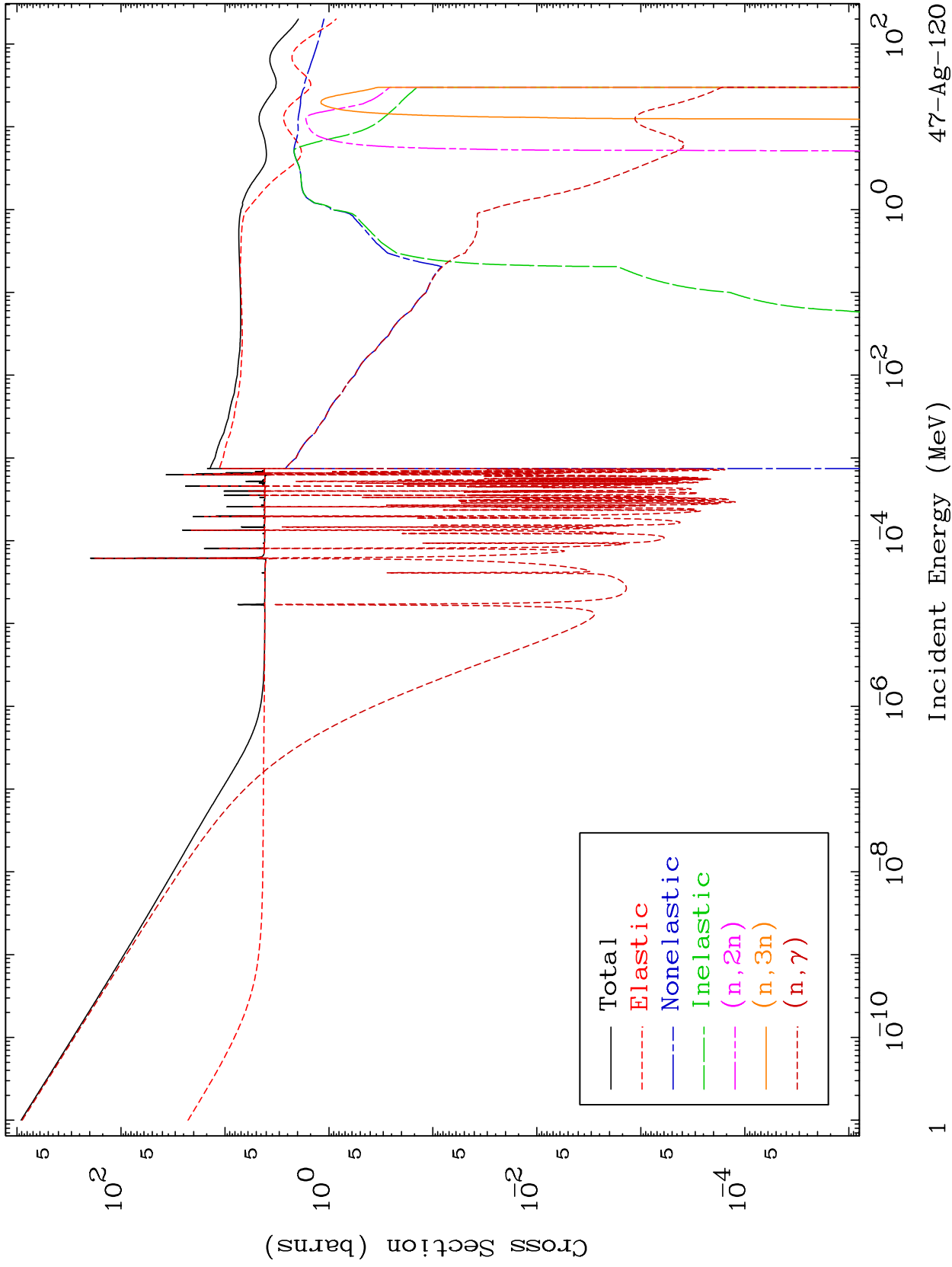
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4764

Neutron Major
293 Kelvin Cross Sections

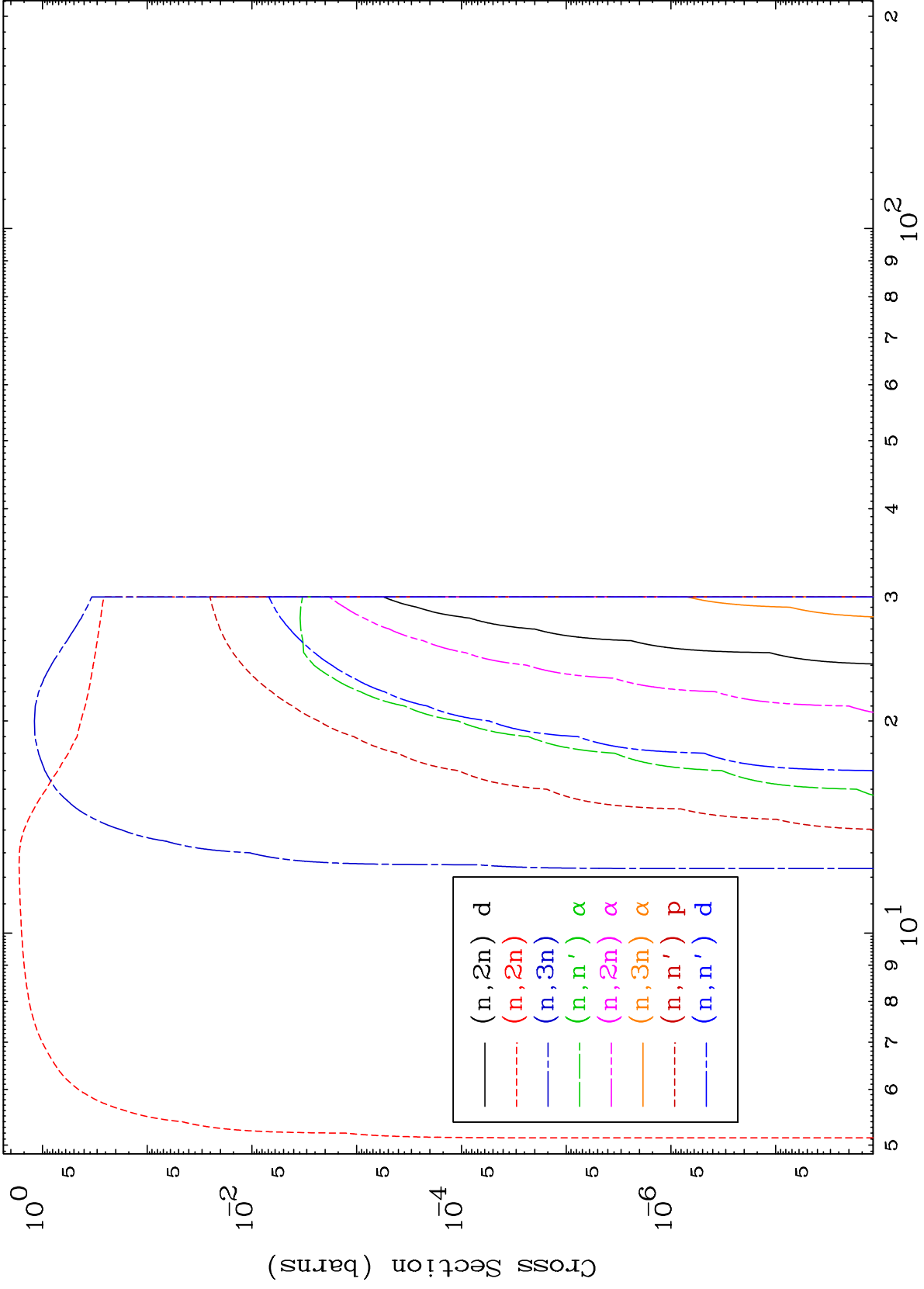
47-Ag-120



MAT 4764

Neutron Absorption
293 Kelvin Cross Sections

47-Ag-120



2

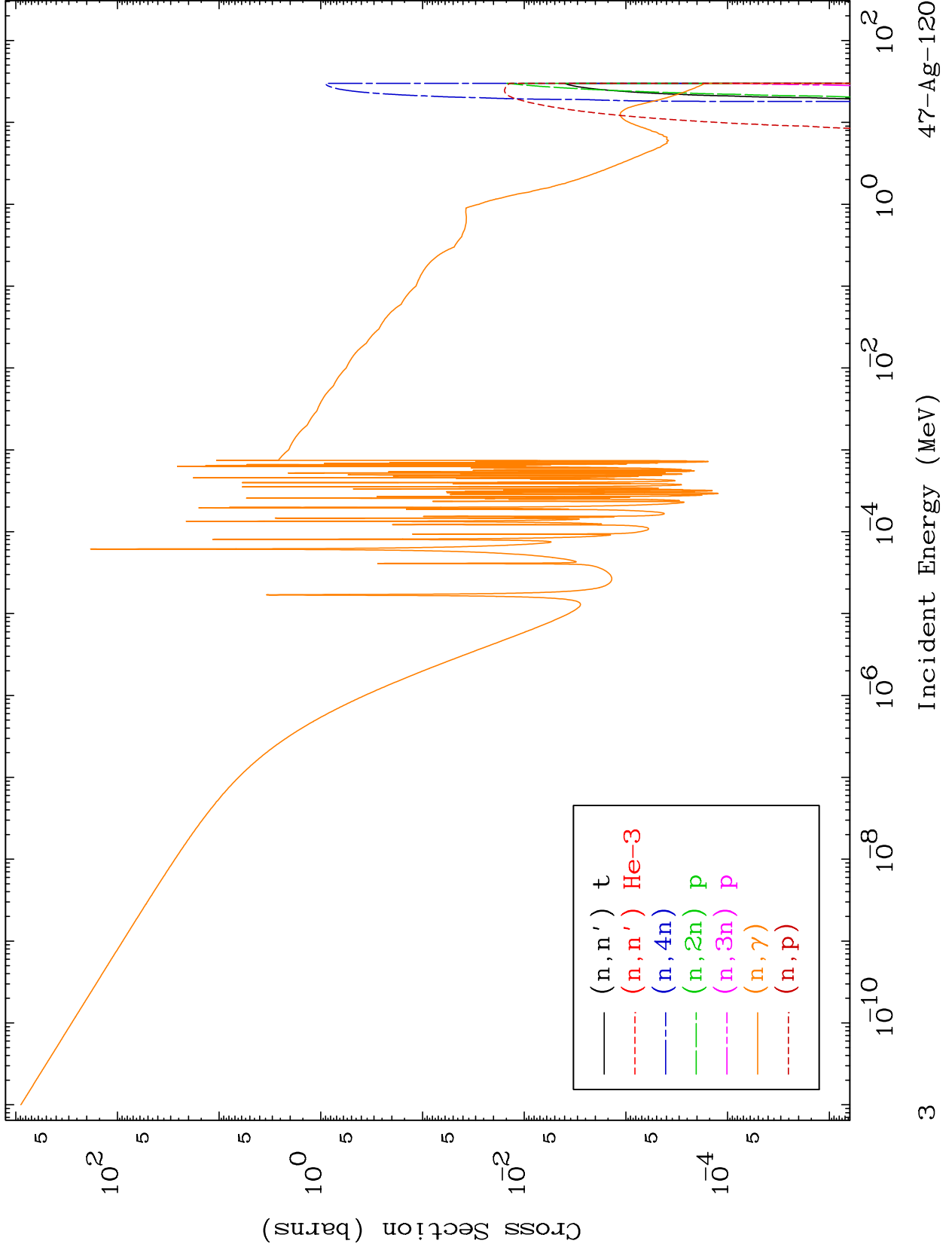
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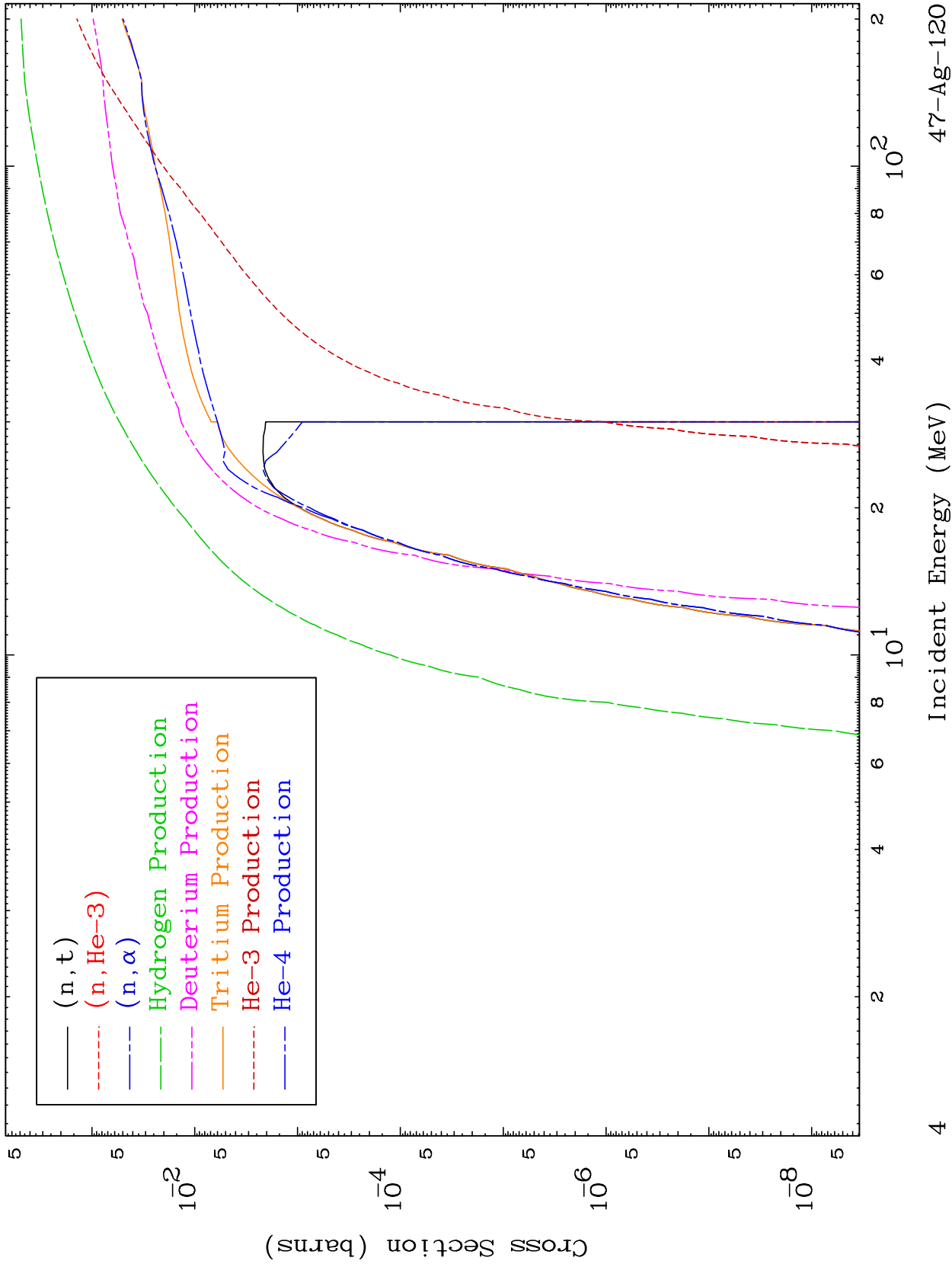
47-Ag-120

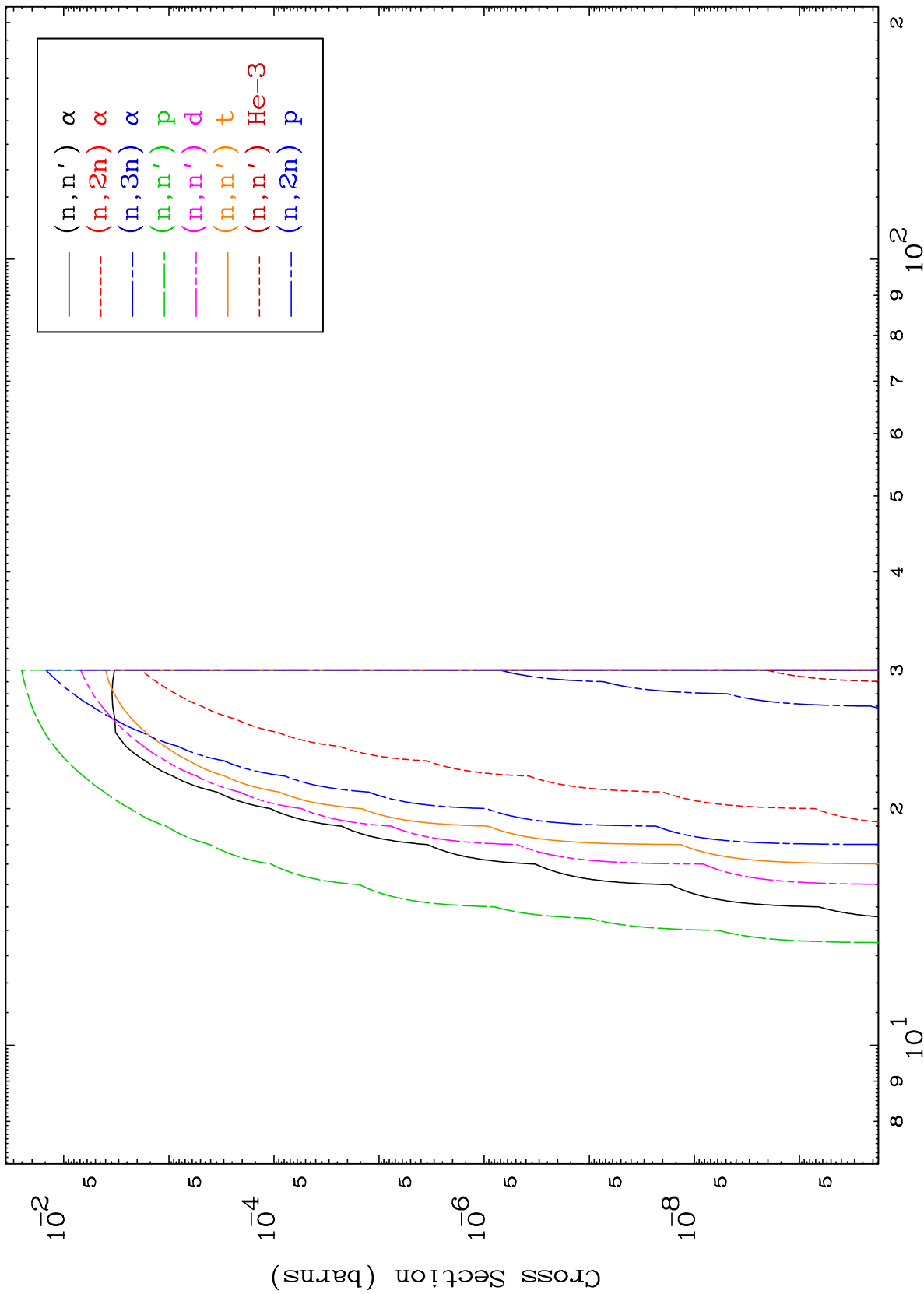
MAT 4764

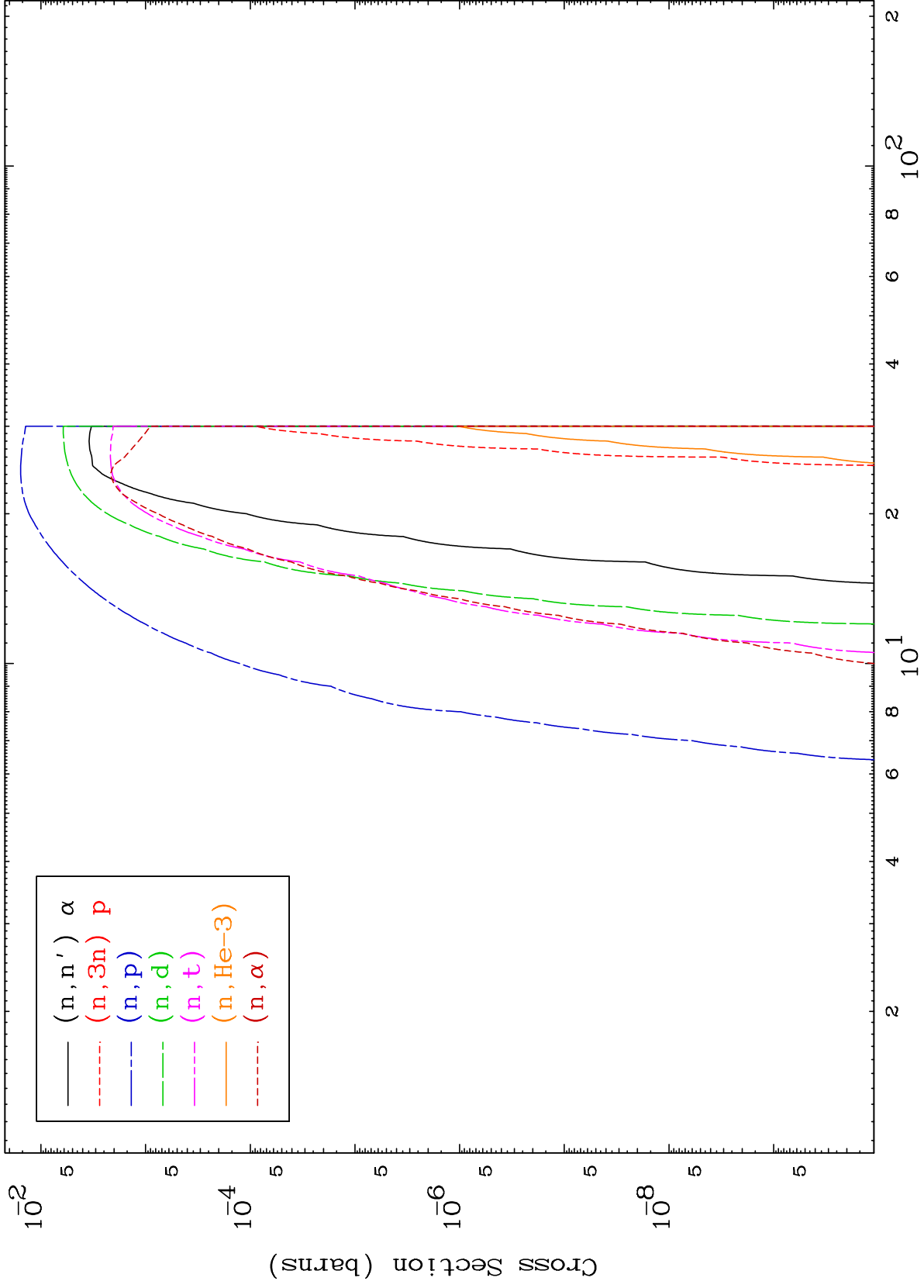
Neutron Absorption
293 Kelvin Cross Sections

47-Ag-120





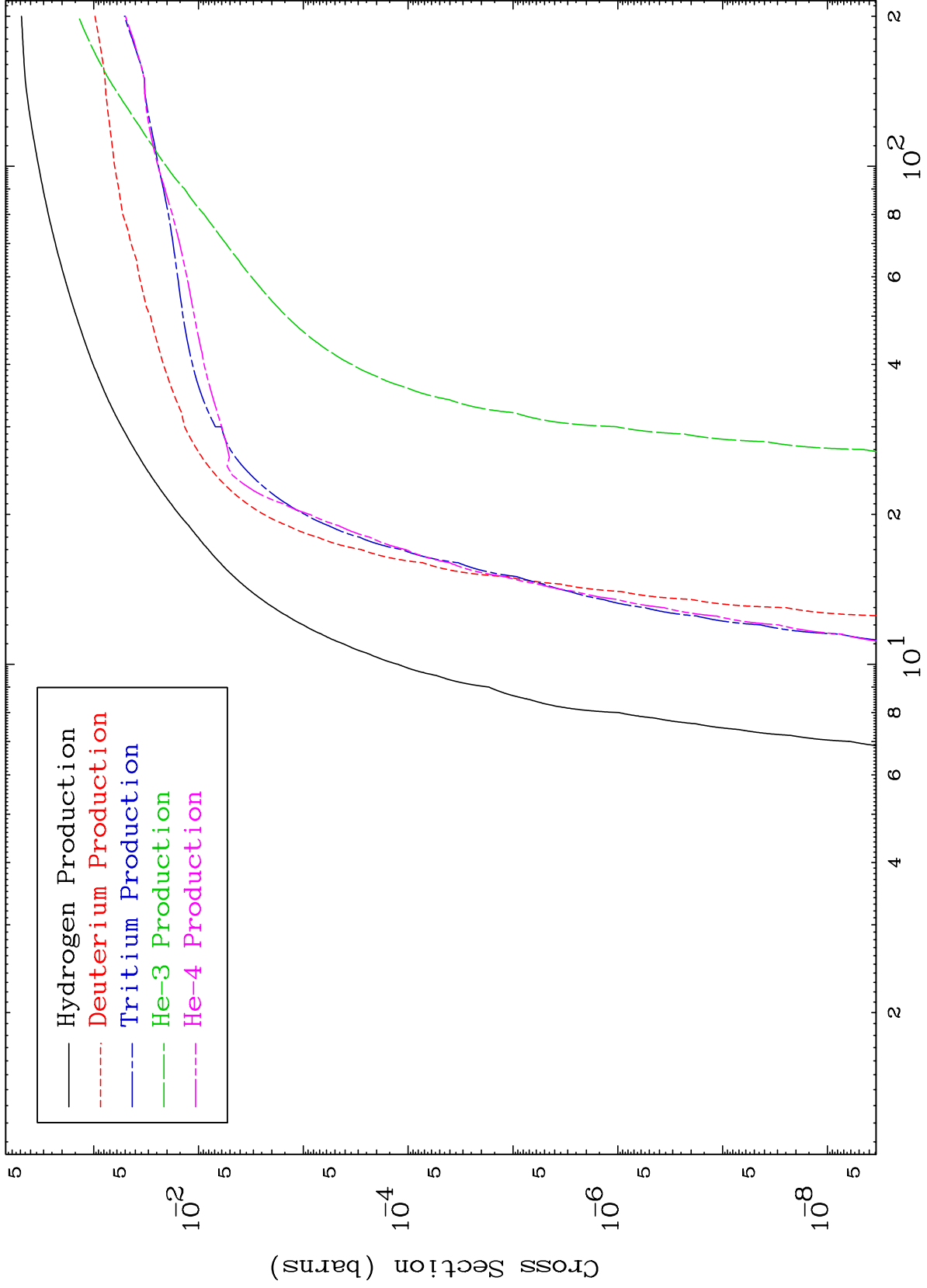




MAT 4764

Particle Production
293 Kelvin Cross Sections

47-Ag-120

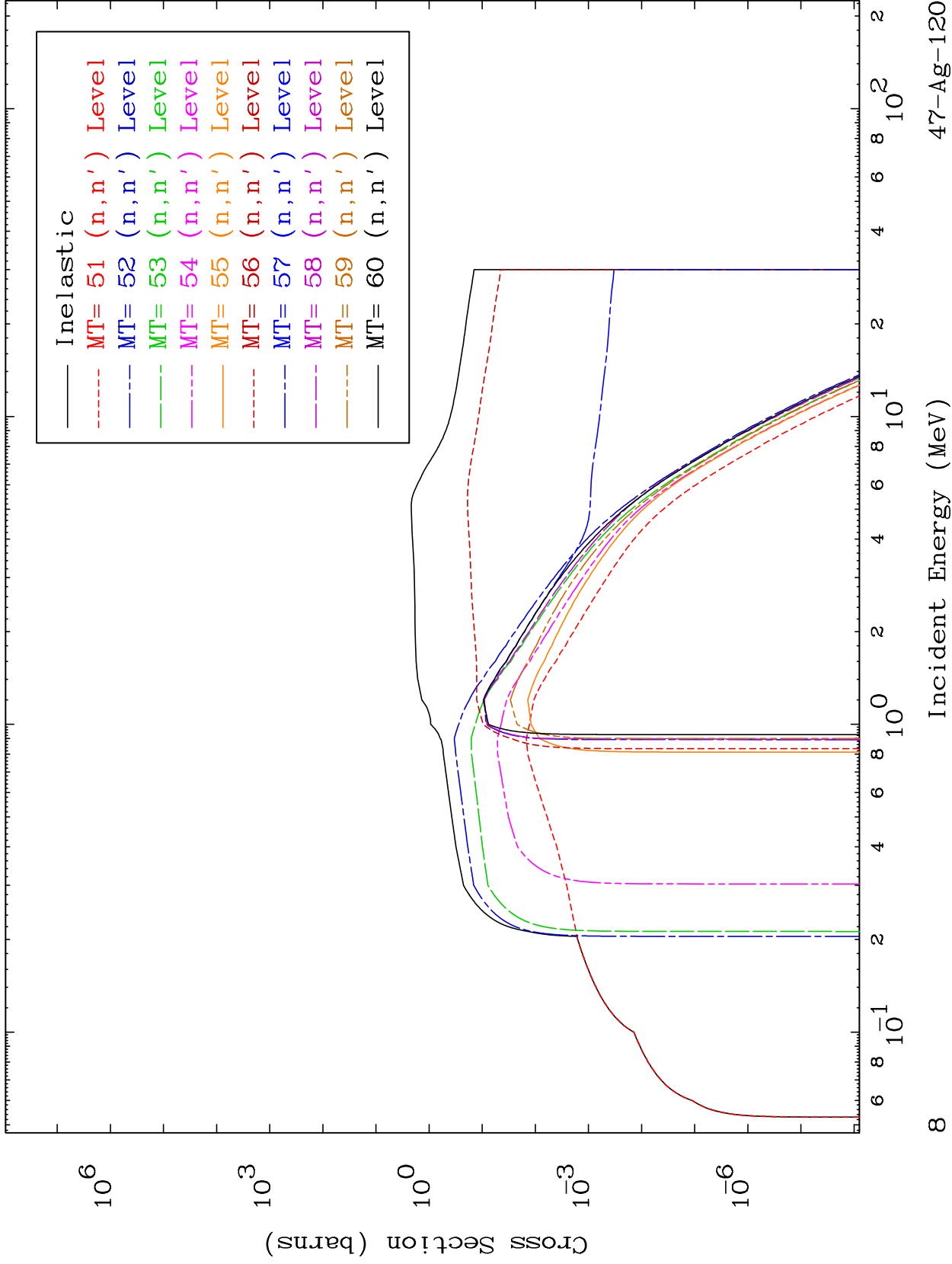


MAT 4764

(n,n') Levels

47-Ag-120

293 Kelvin Cross Sections

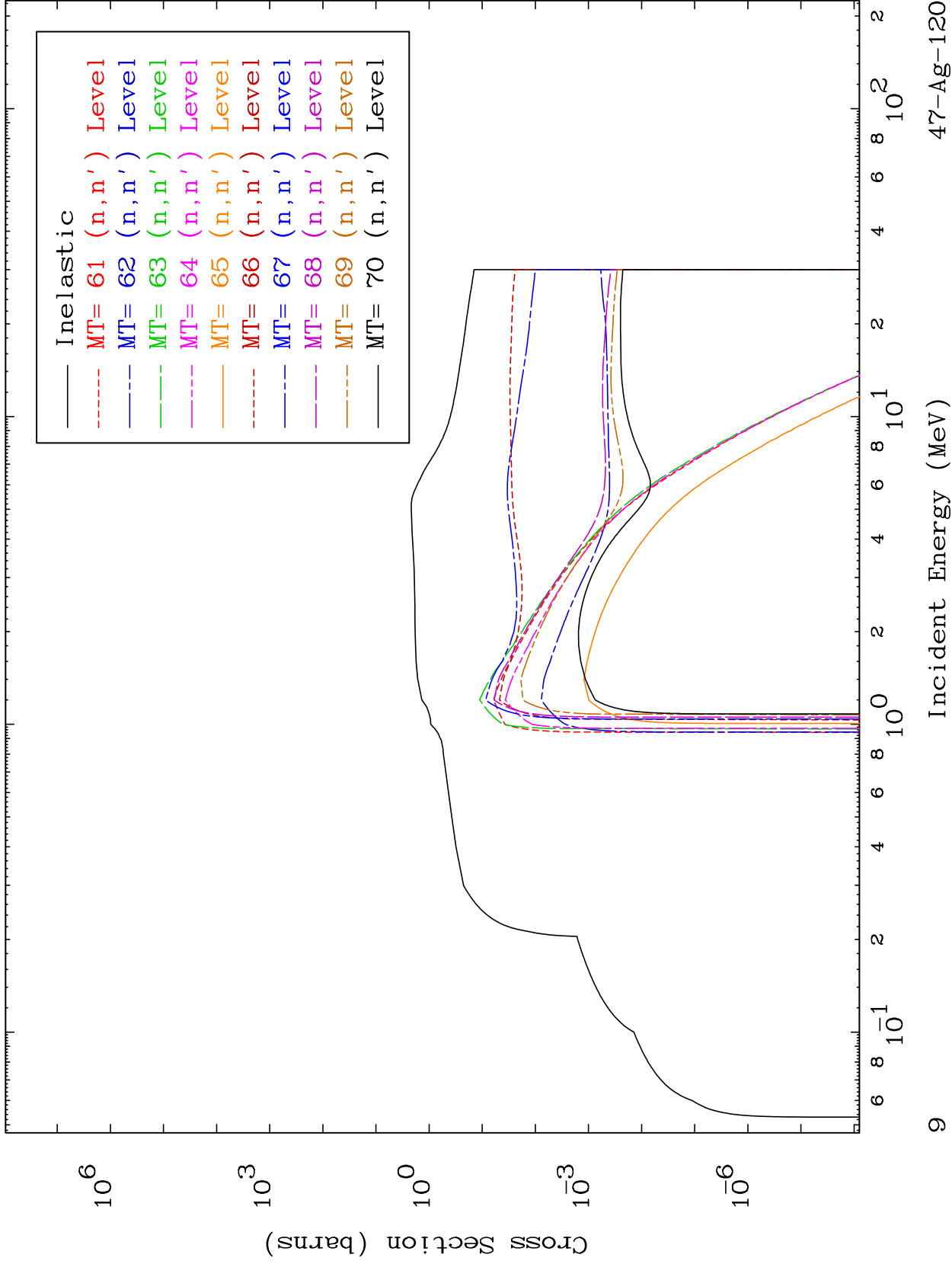


MAT 4764

(n,n') Levels

47-Ag-120

293 Kelvin Cross Sections

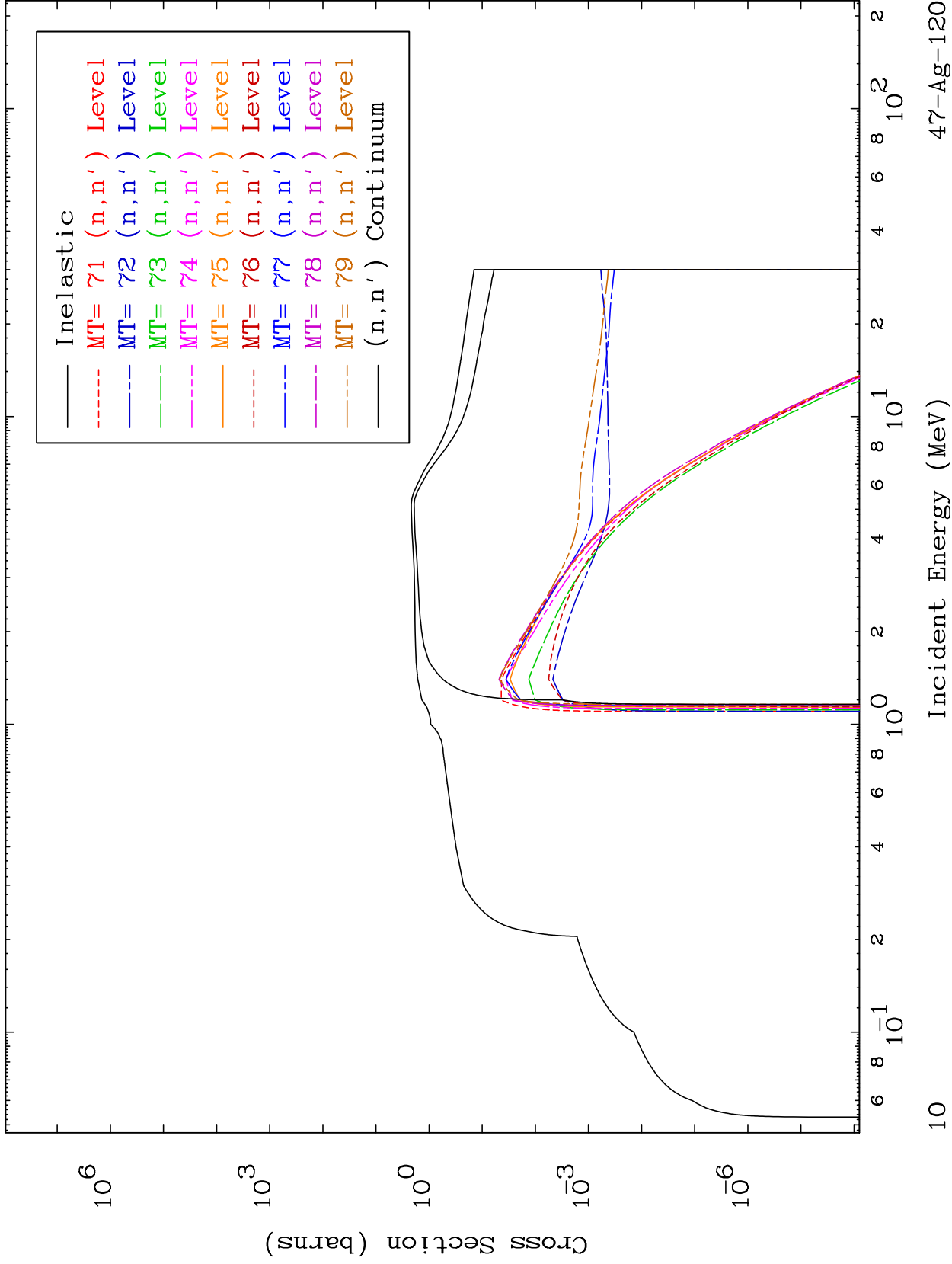


MAT 4764

(n,n') Levels

47-Ag-120

293 Kelvin Cross Sections



10

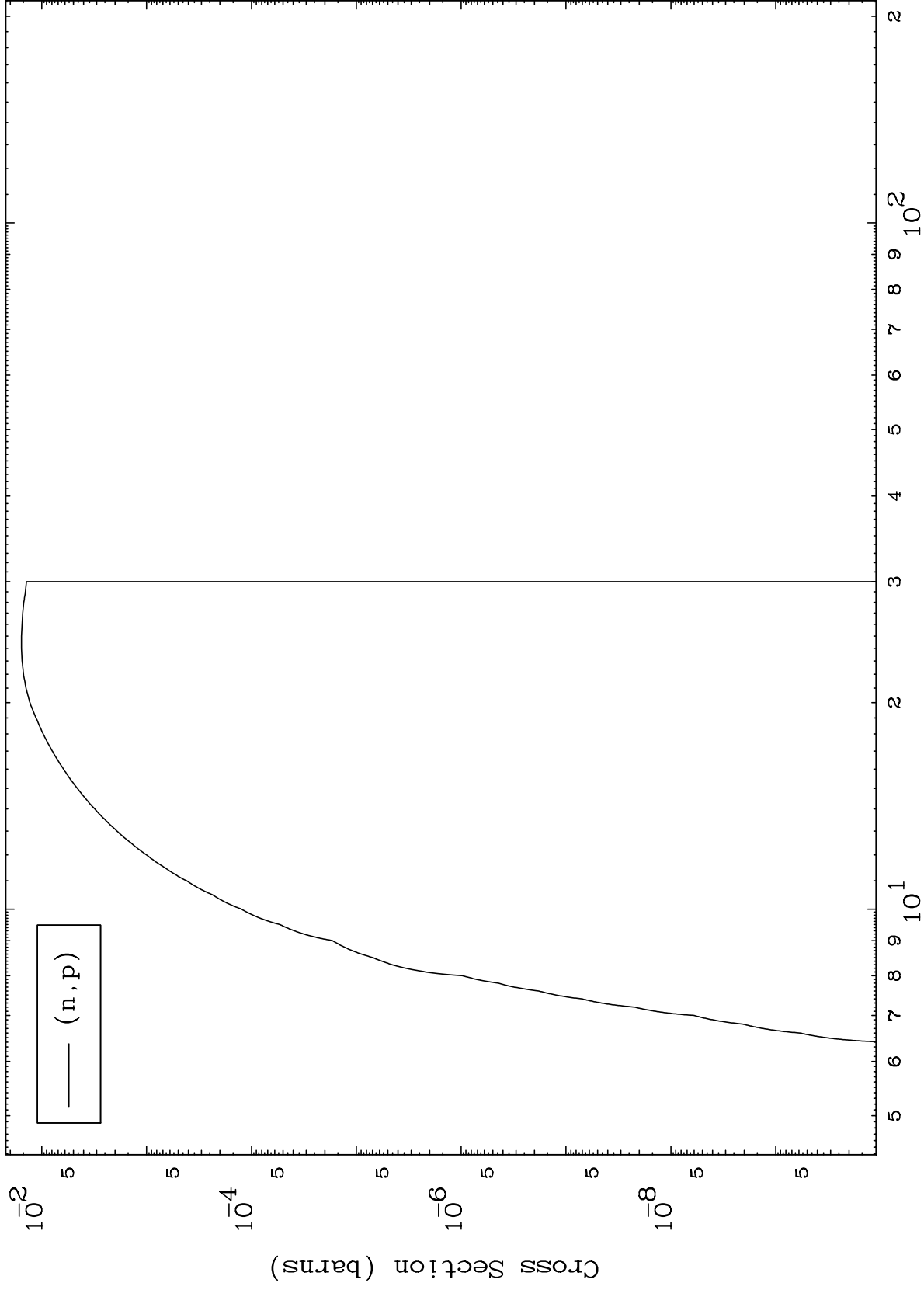
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-120



11

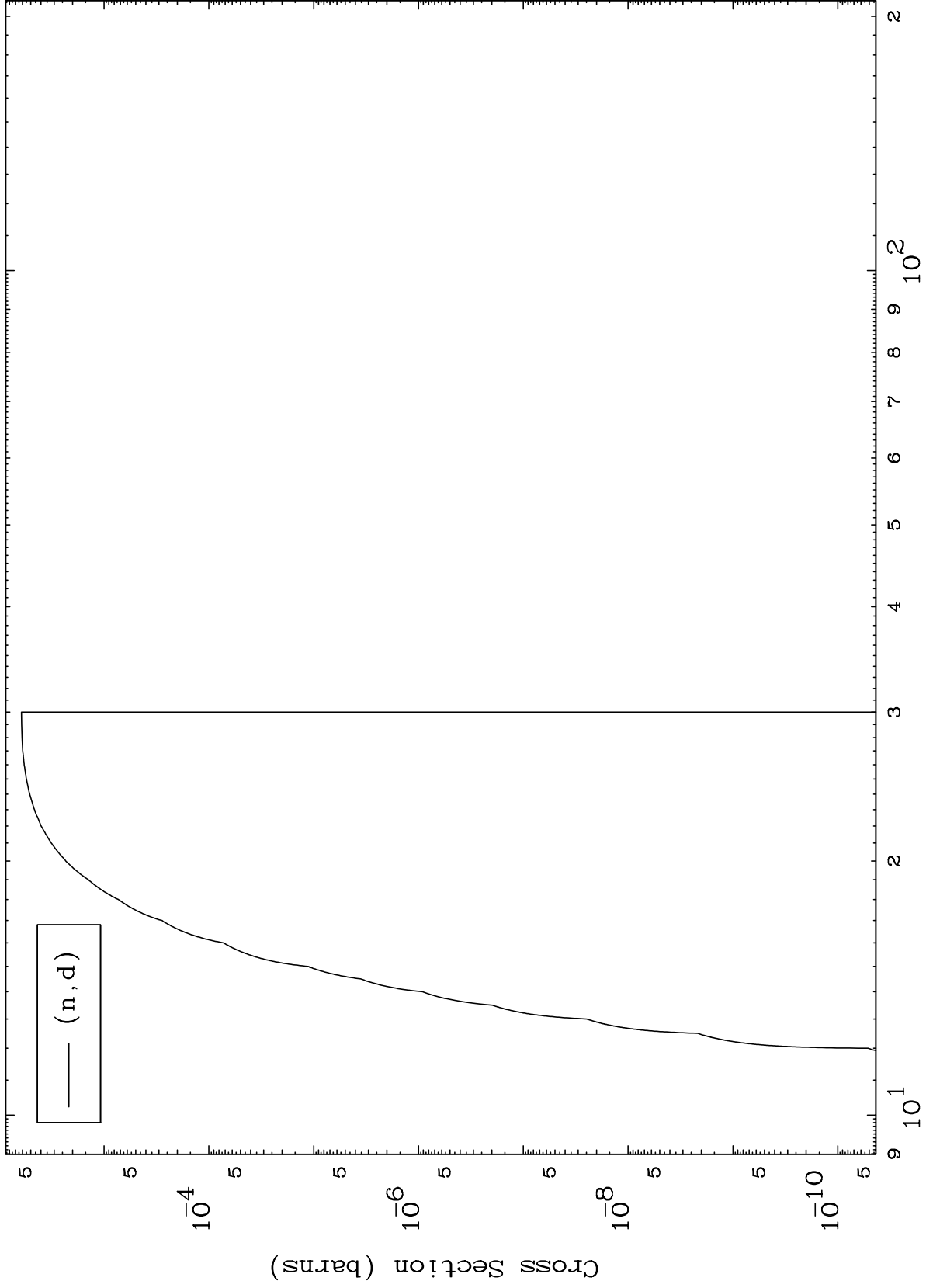
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-120



12

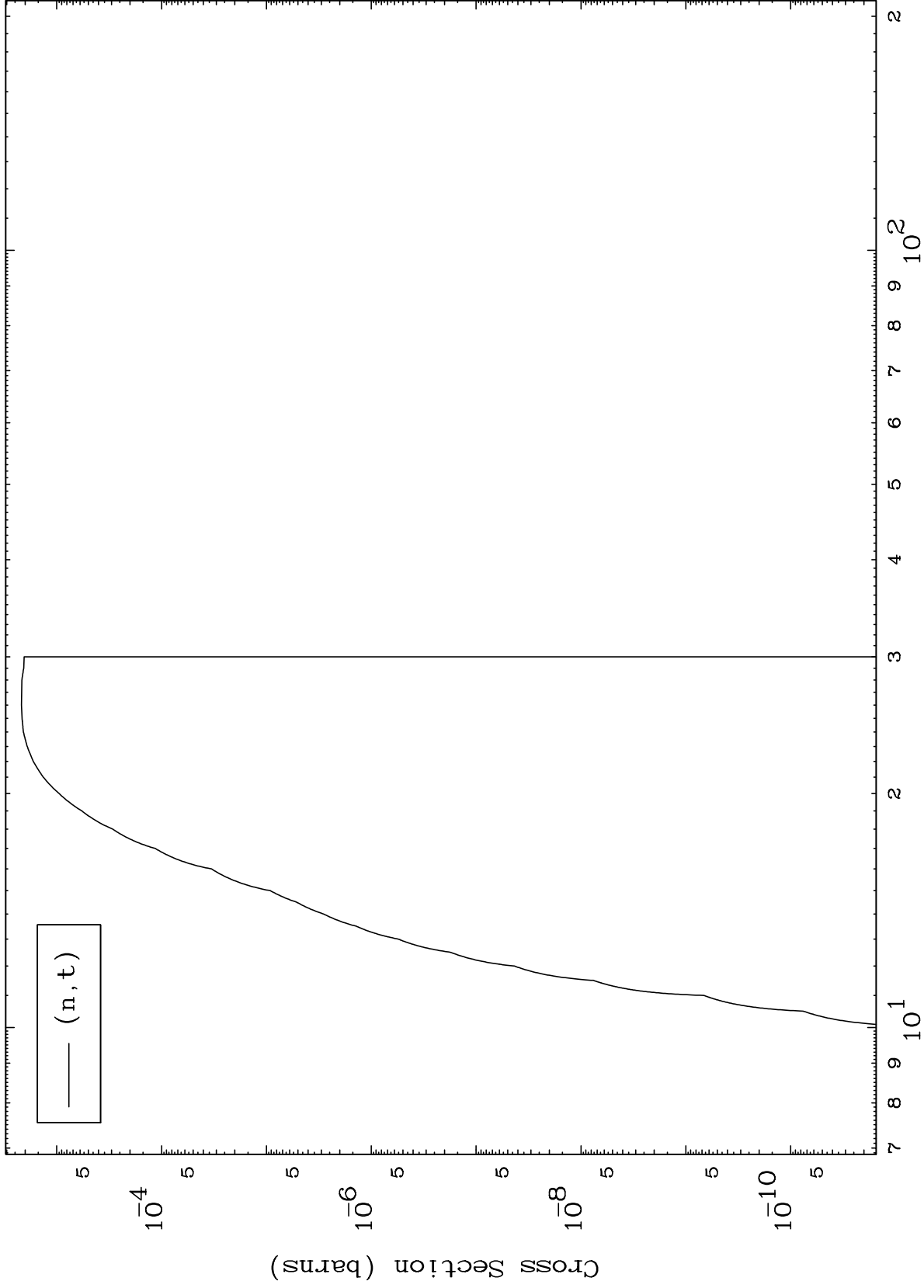
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-120



13

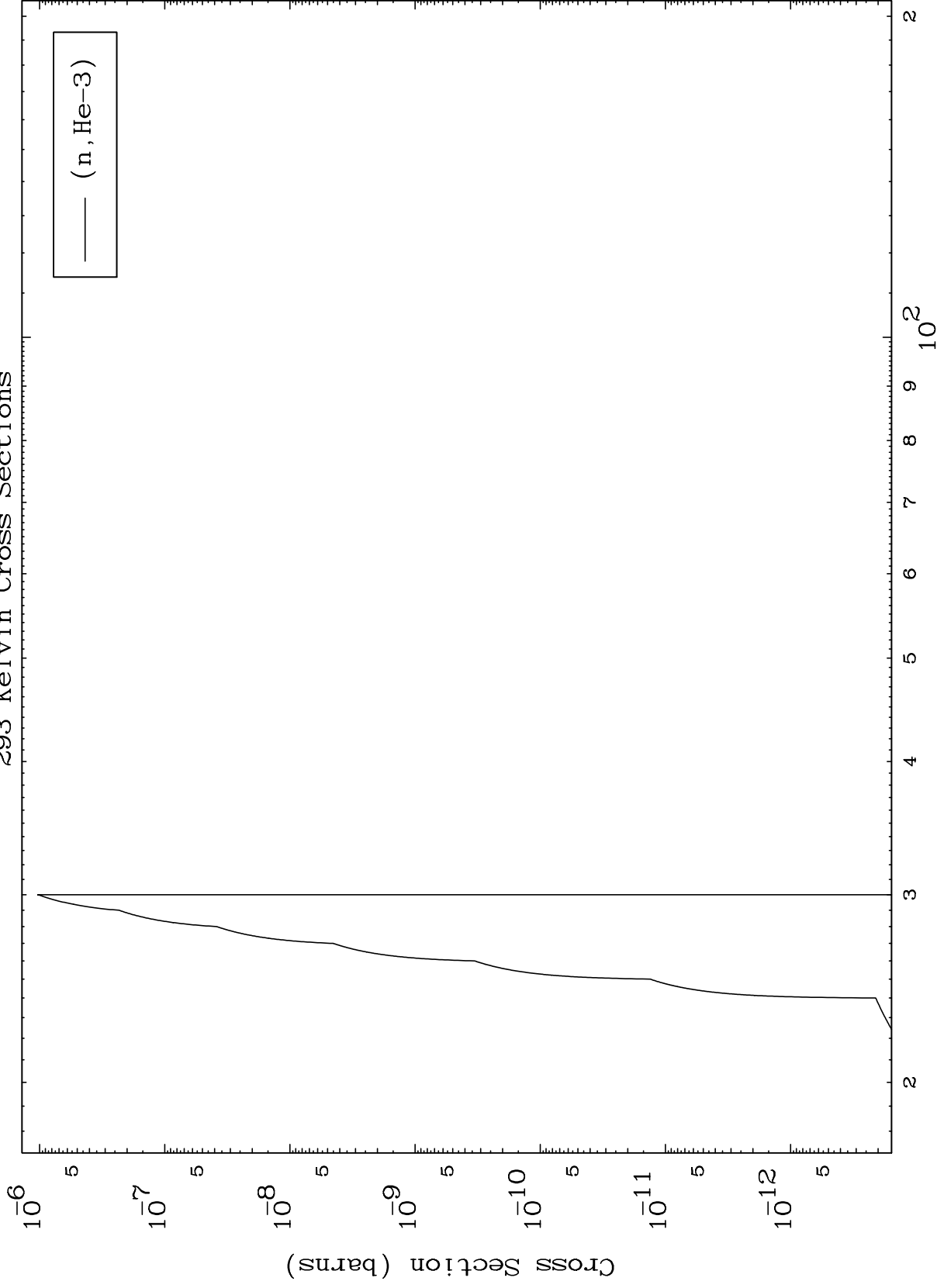
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-120



14

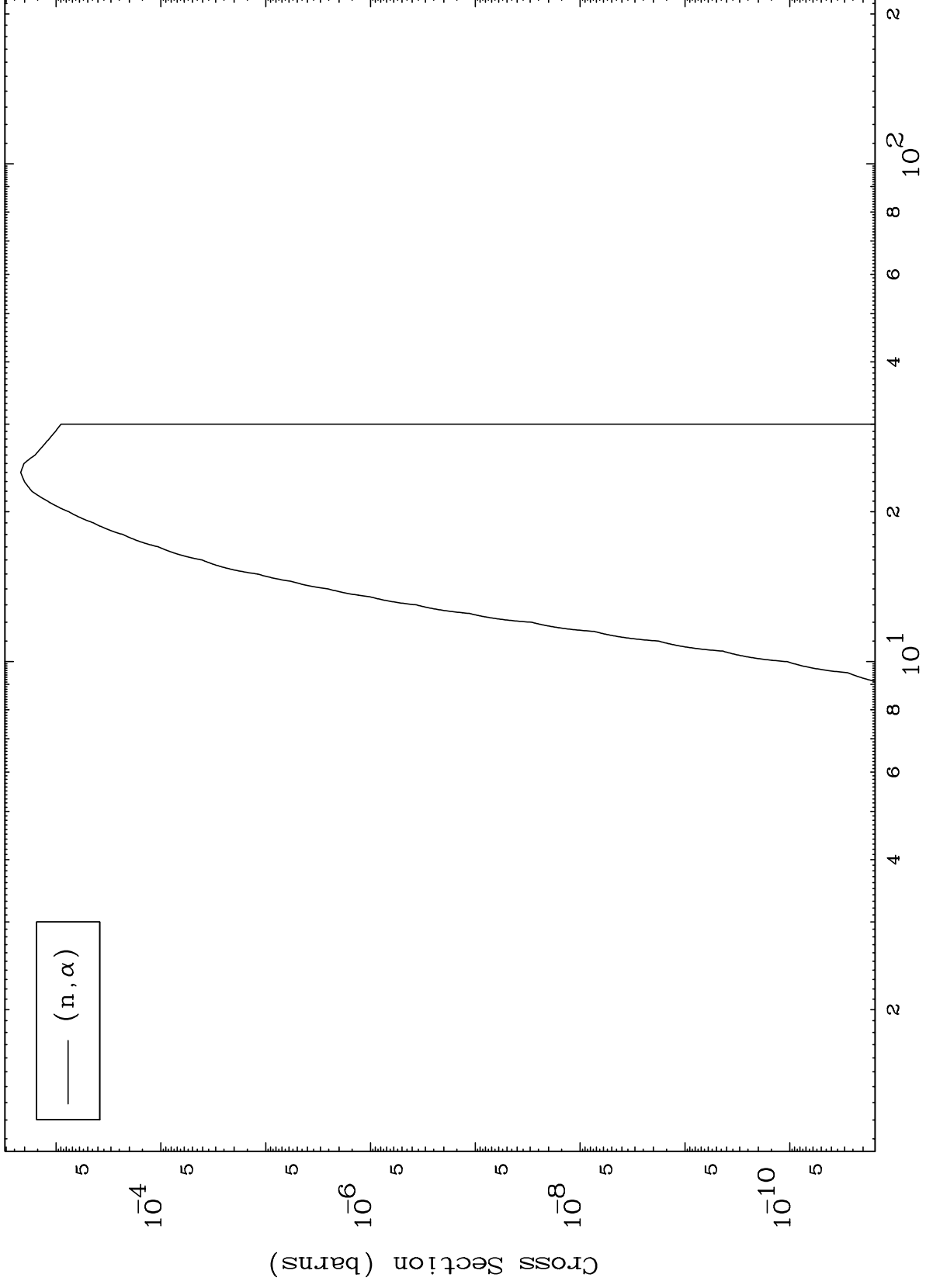
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n, α) Levels
293 Kelvin Cross Sections

47-Ag-120



15

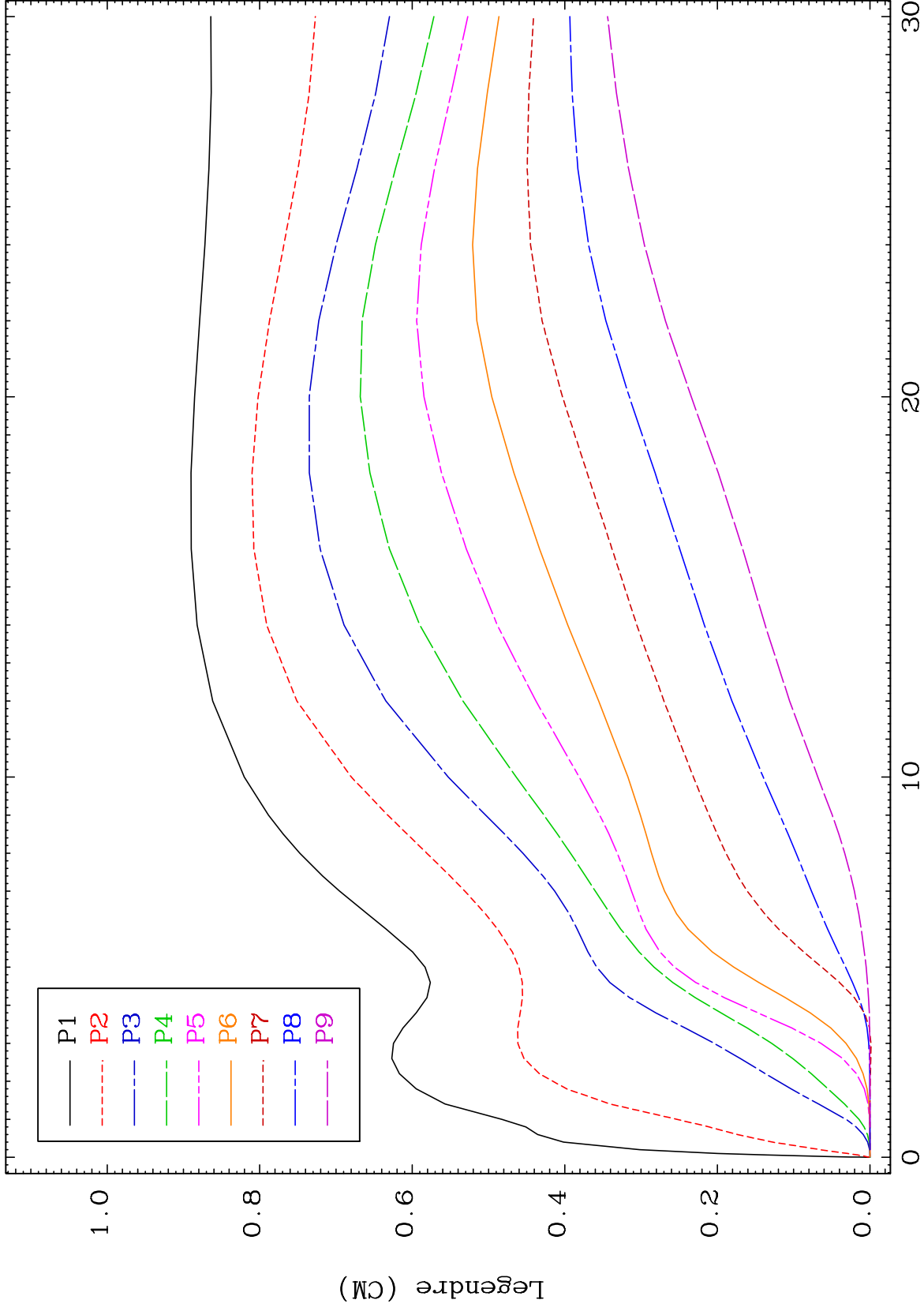
Incident Energy (MeV)

47-Ag-120

MAT 4764

Elastic Legendre Coefficients

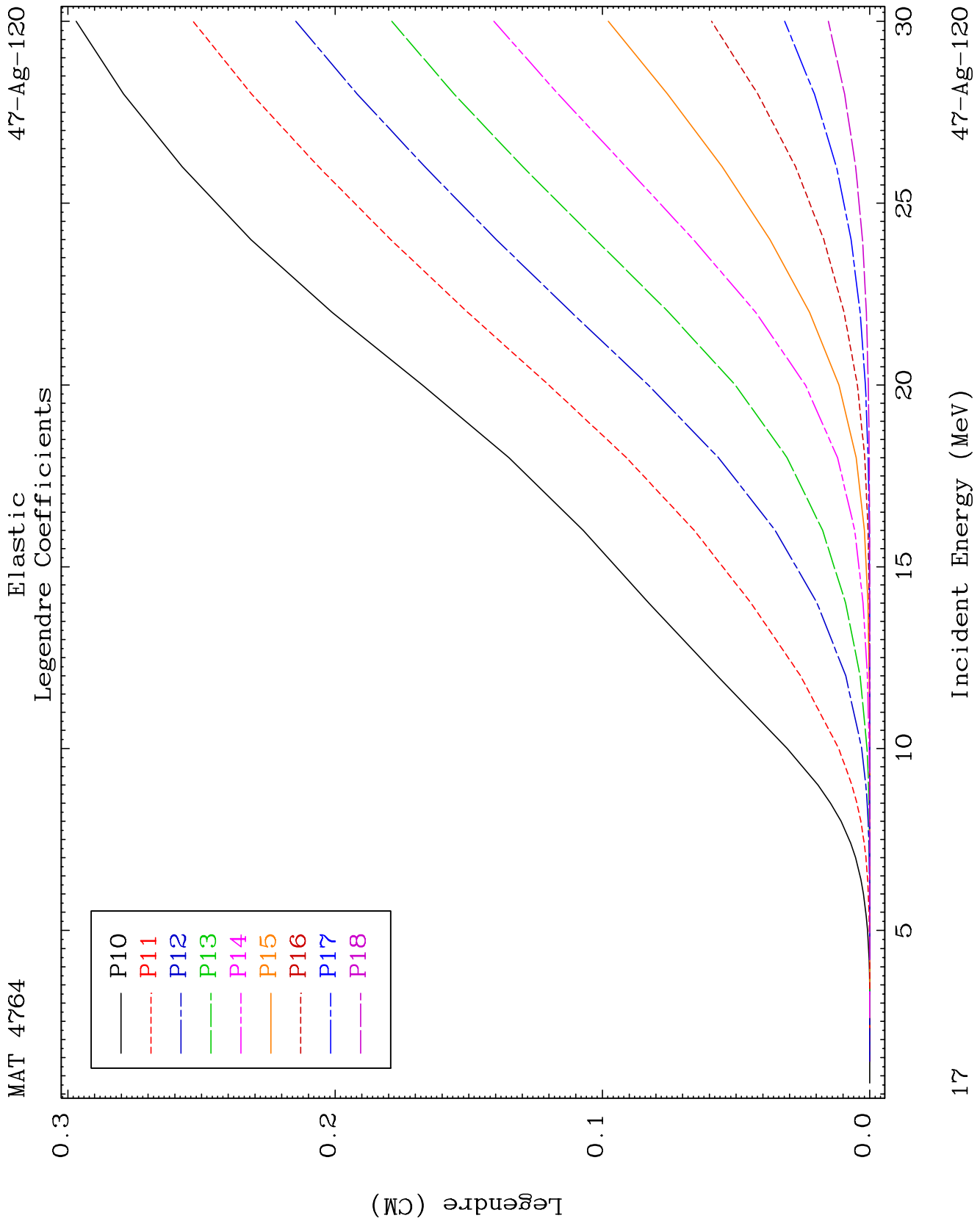
47-Ag-120



16

Incident Energy (MeV)

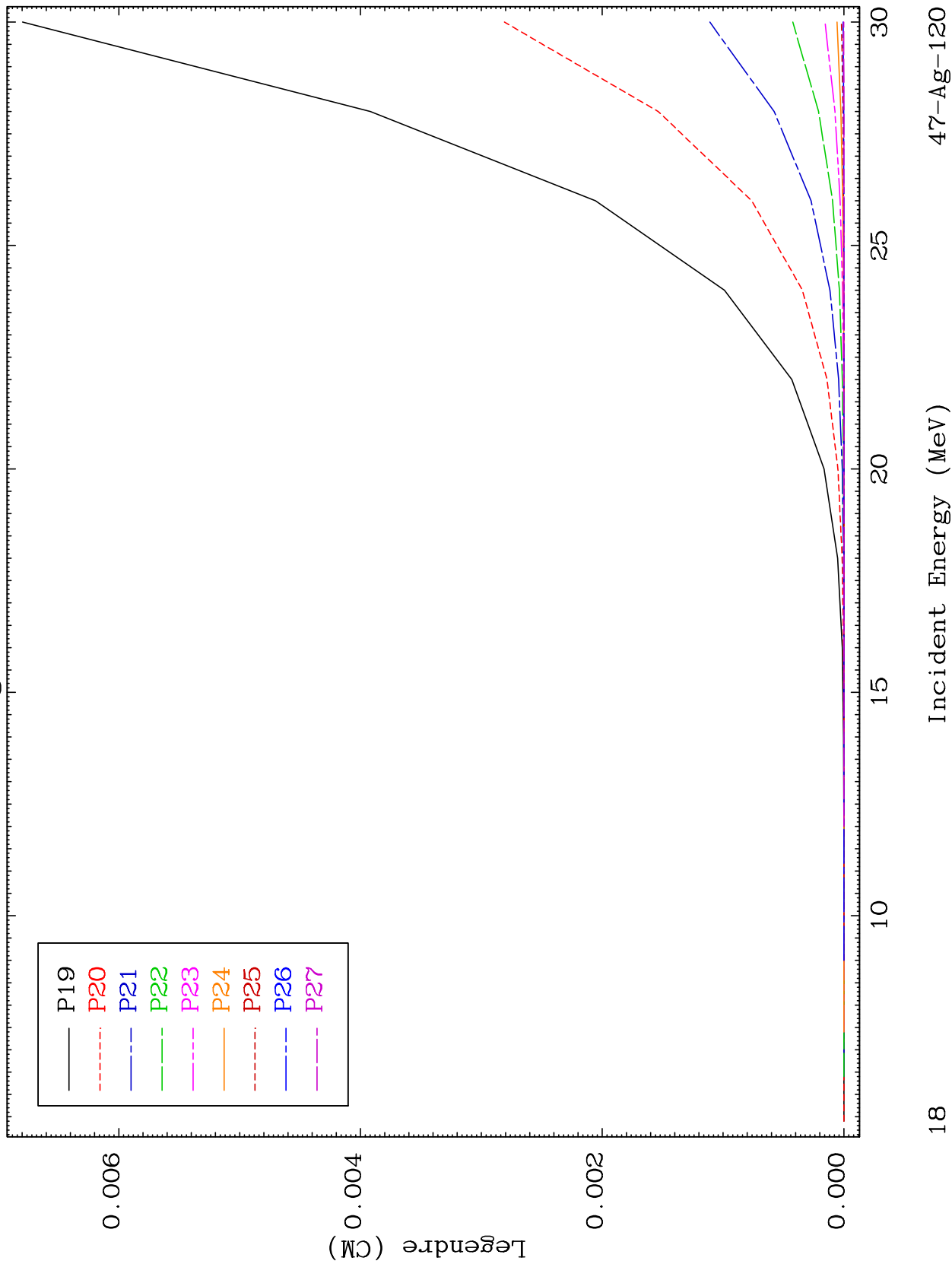
47-Ag-120



MAT 4764

Elastic Legendre Coefficients

47-Ag-120



18

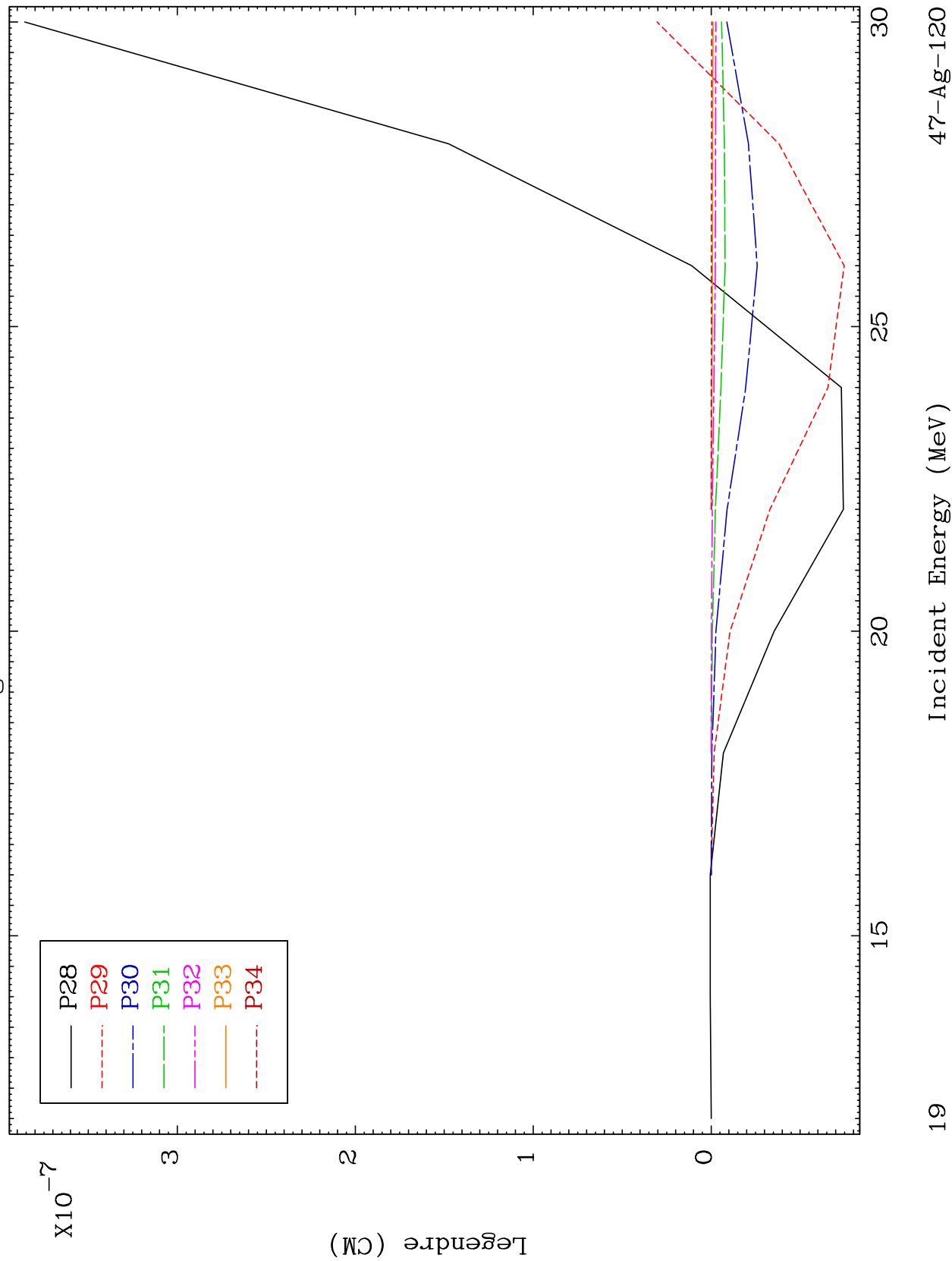
Incident Energy (MeV)

47-Ag-120

MAT 4764

Elastic Legendre Coefficients

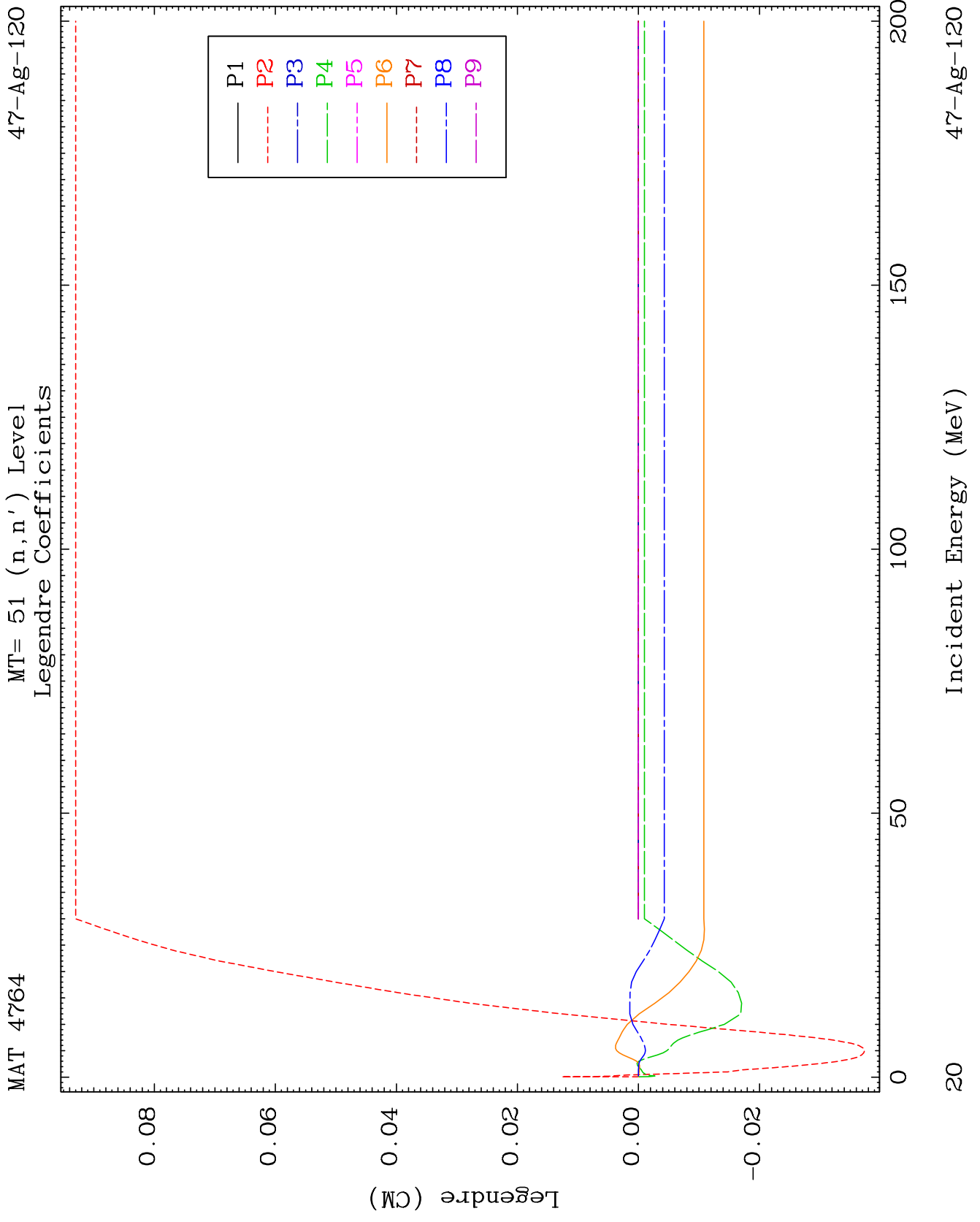
47-Ag-120



19

Incident Energy (MeV)

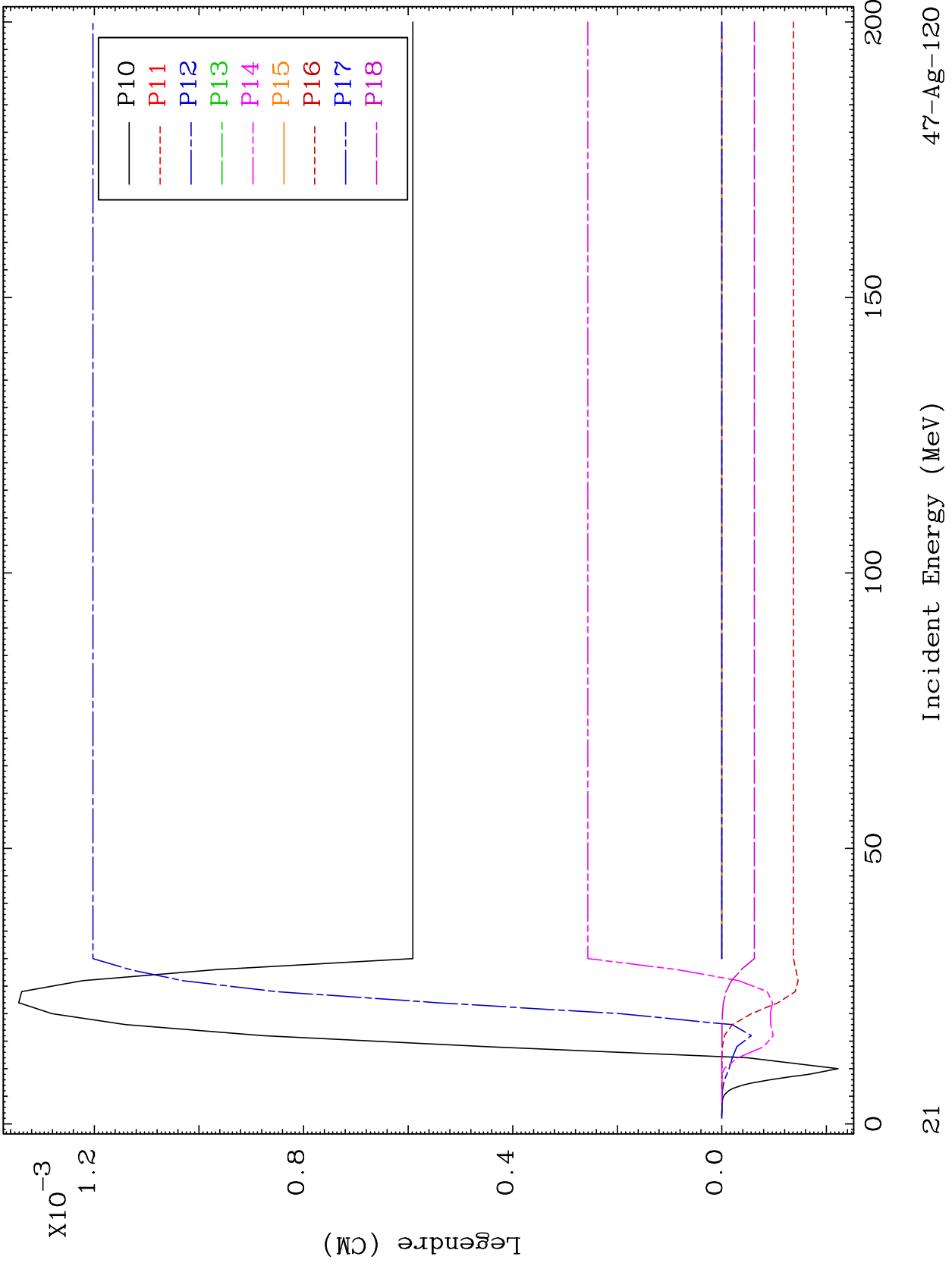
47-Ag-120



MAT 4764

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

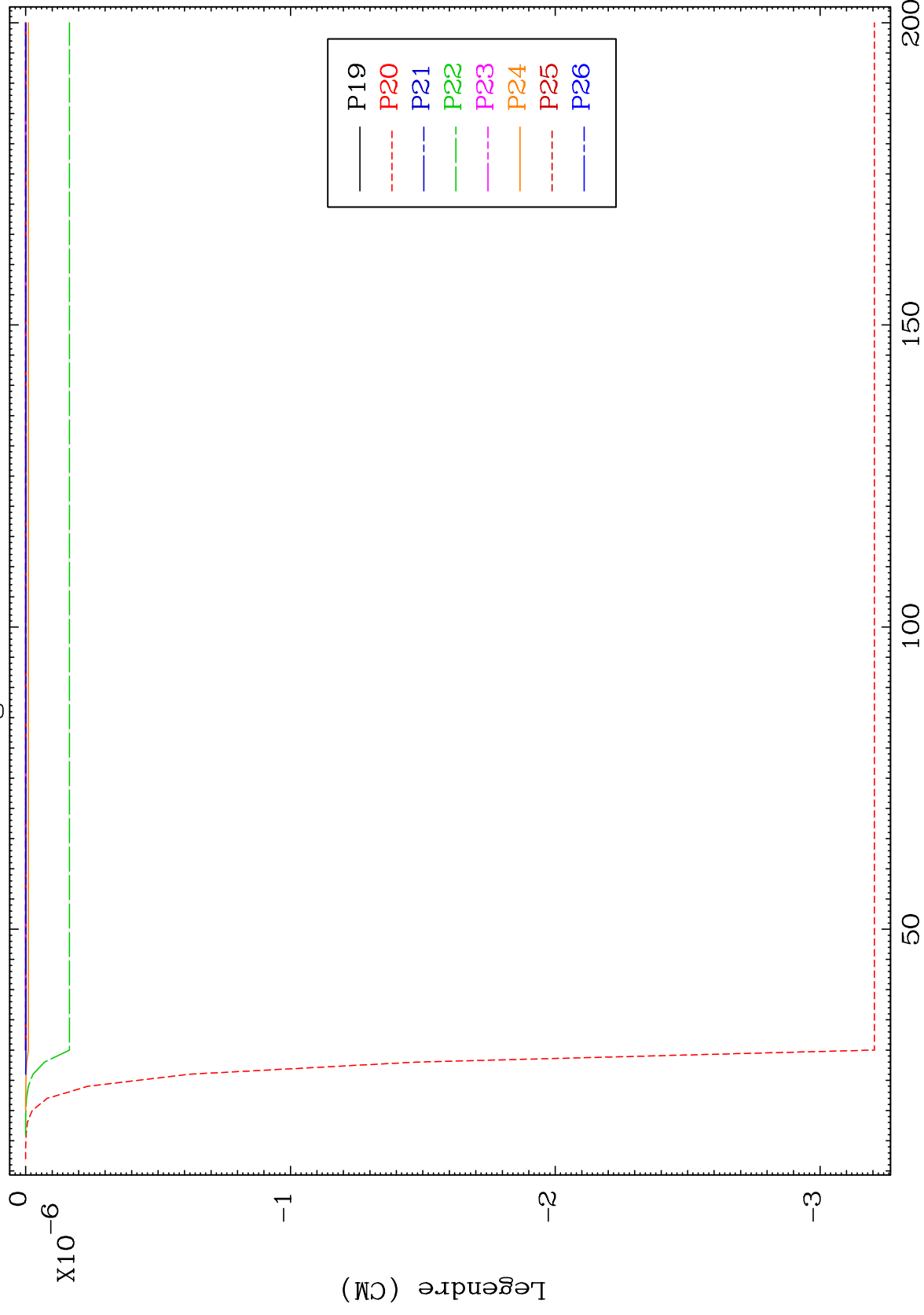
47-Ag-120



MAT 4764

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

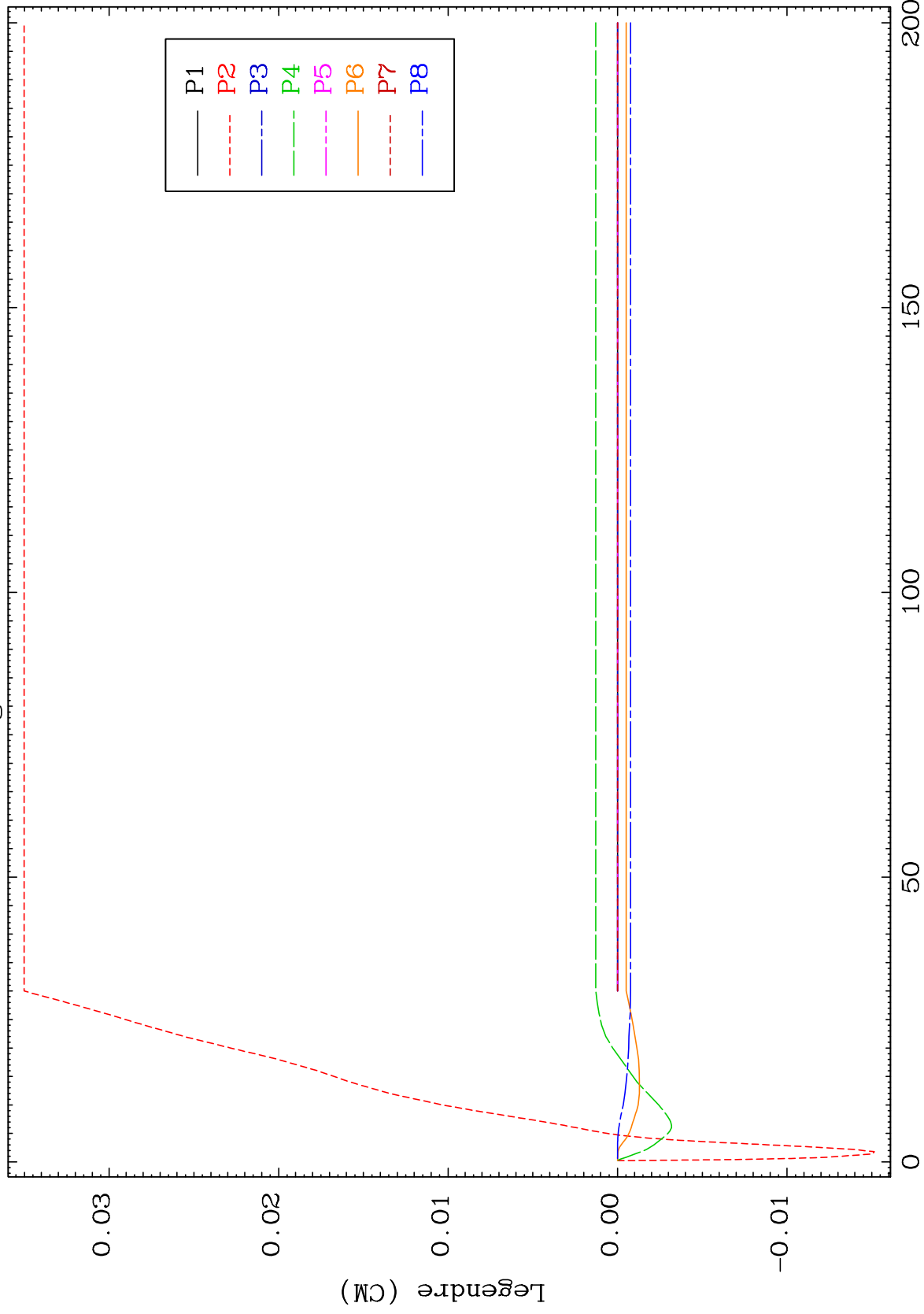
47-Ag-120



MAT 4764

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

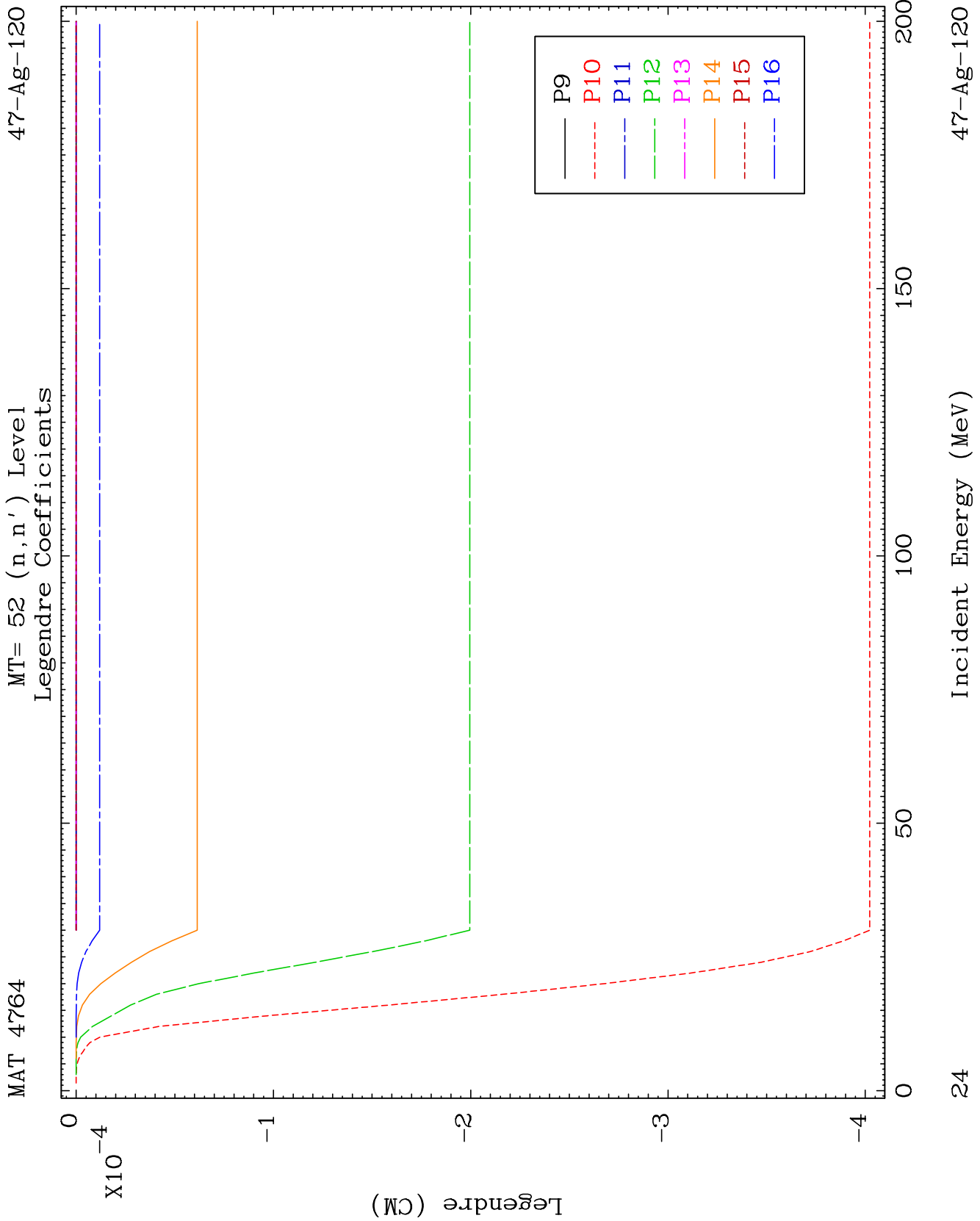
47-Ag-120



23

Incident Energy (MeV)

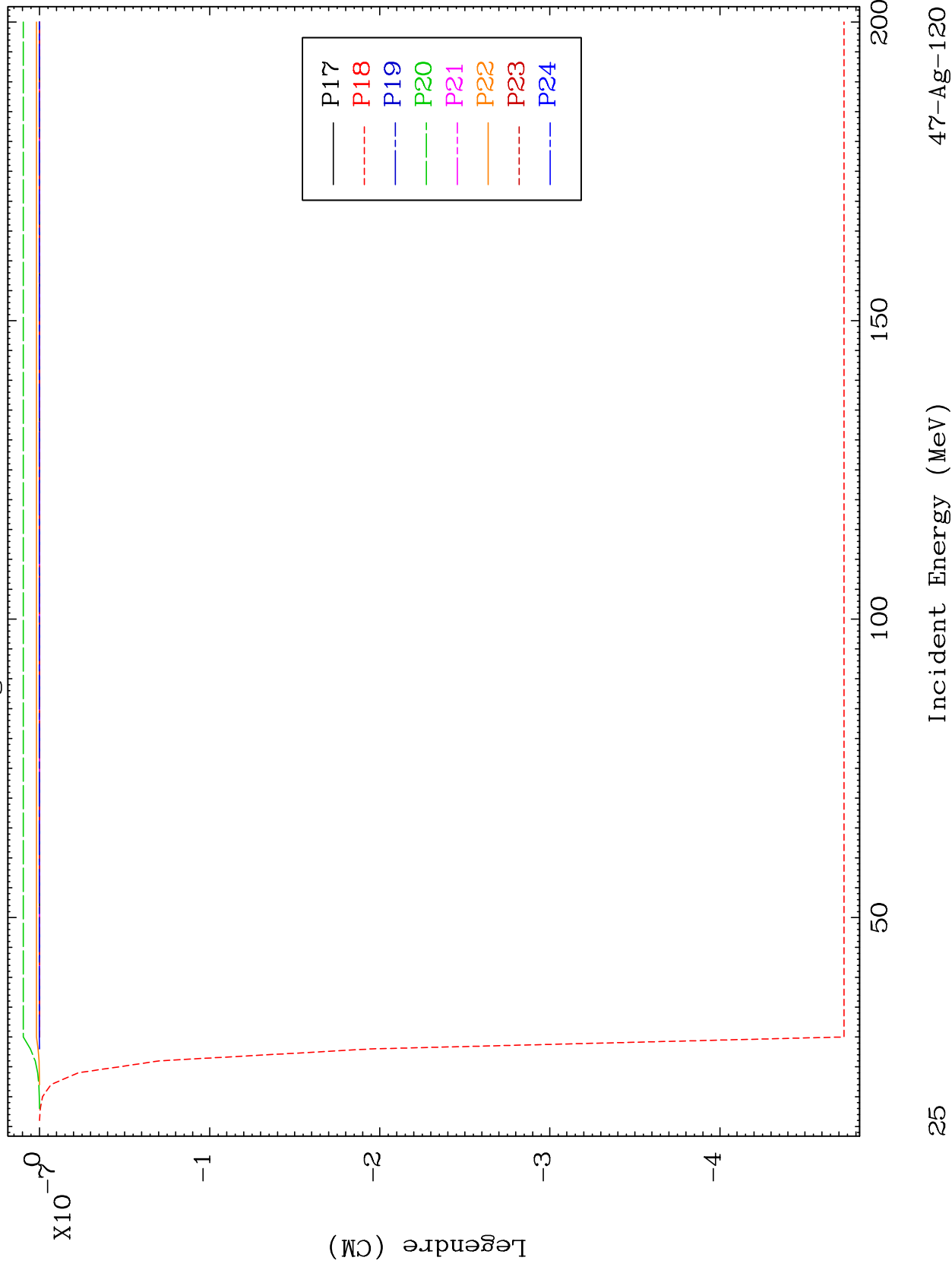
47-Ag-120



MAT 4764

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

47-Ag-120



47-Ag-120

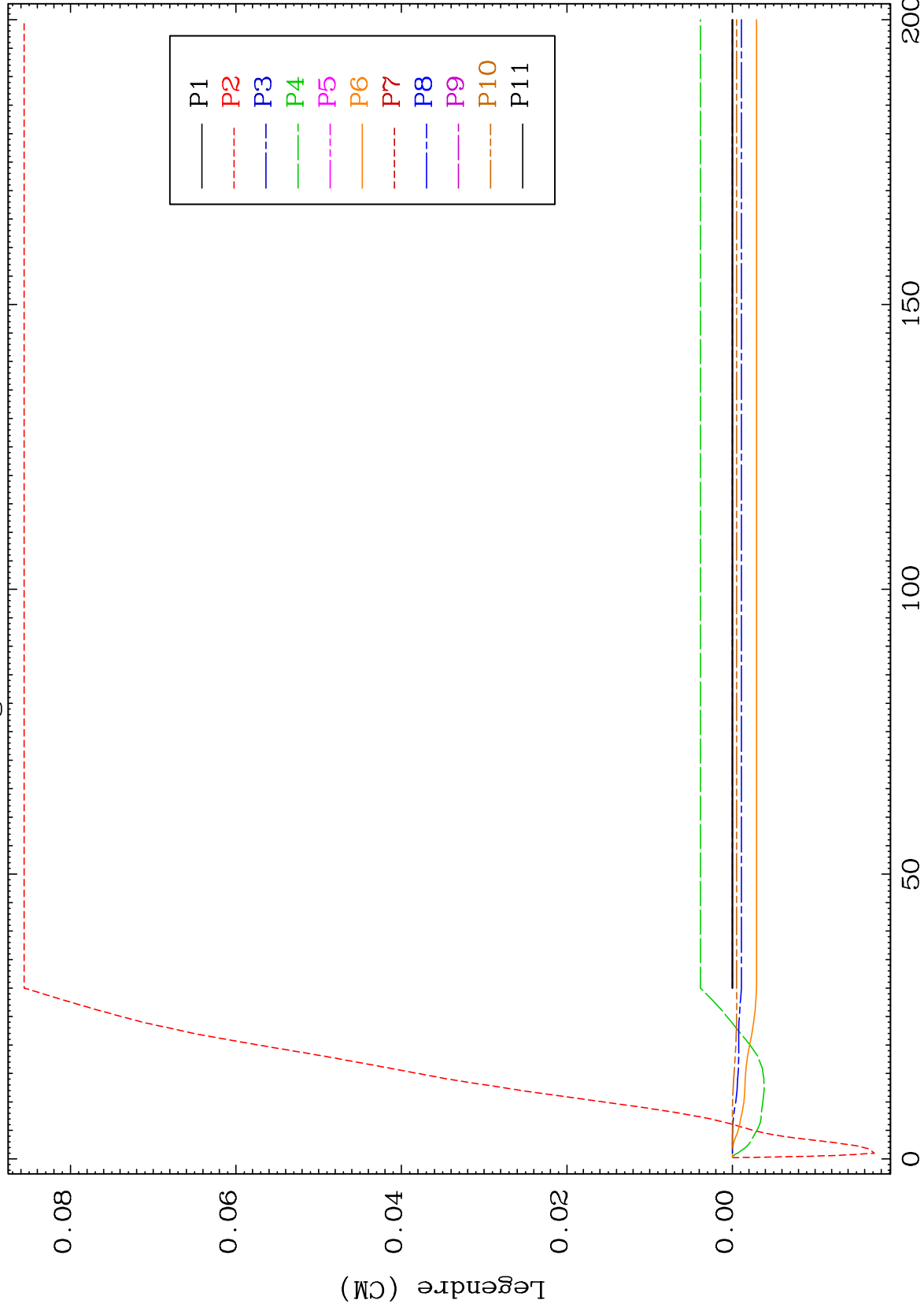
Incident Energy (MeV)

25

MAT 4764

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

47-Ag-120



47-Ag-120

Incident Energy (MeV)

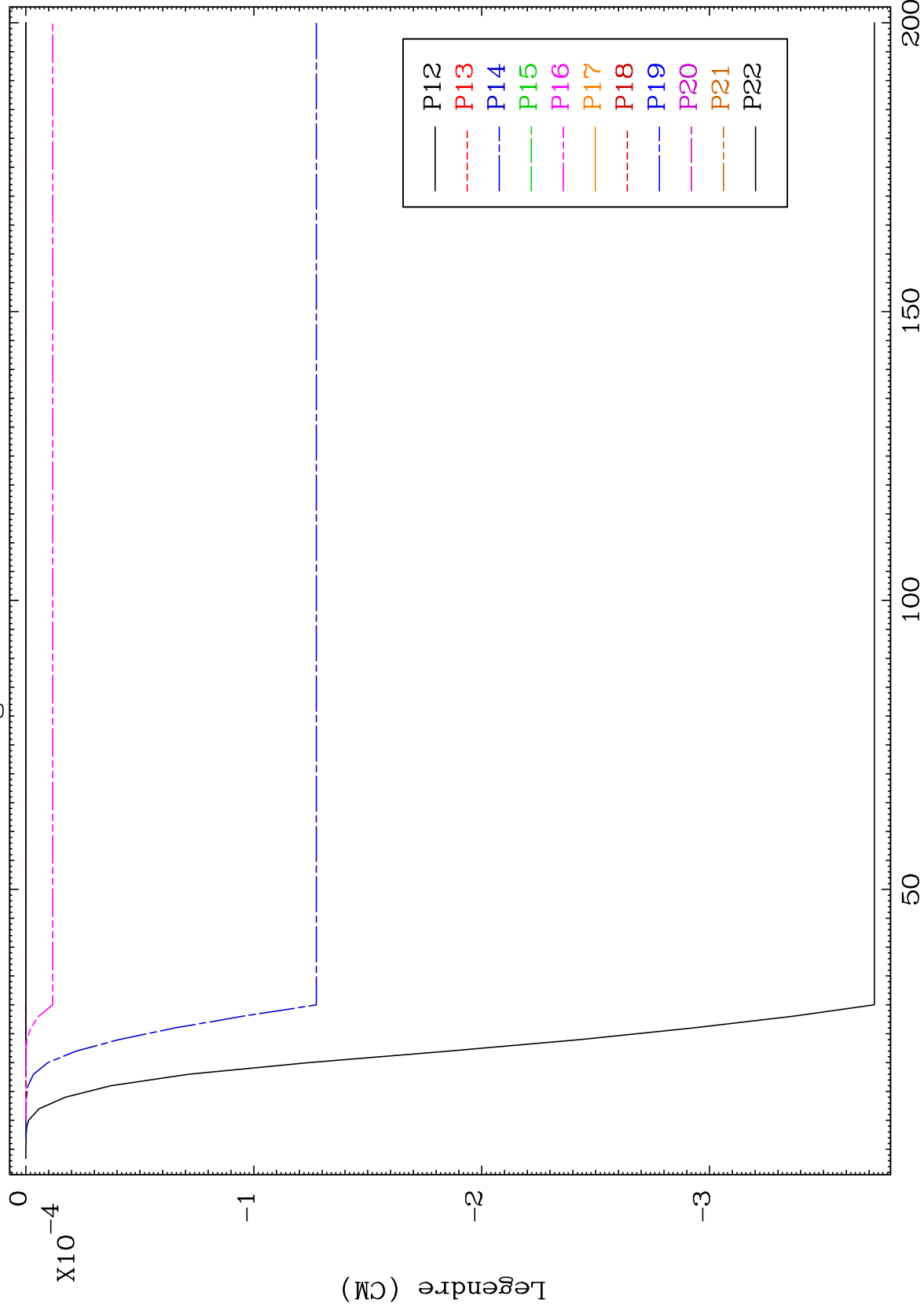
26

MAT 4764

MT= 53 (n,n') Level

47-Ag-120

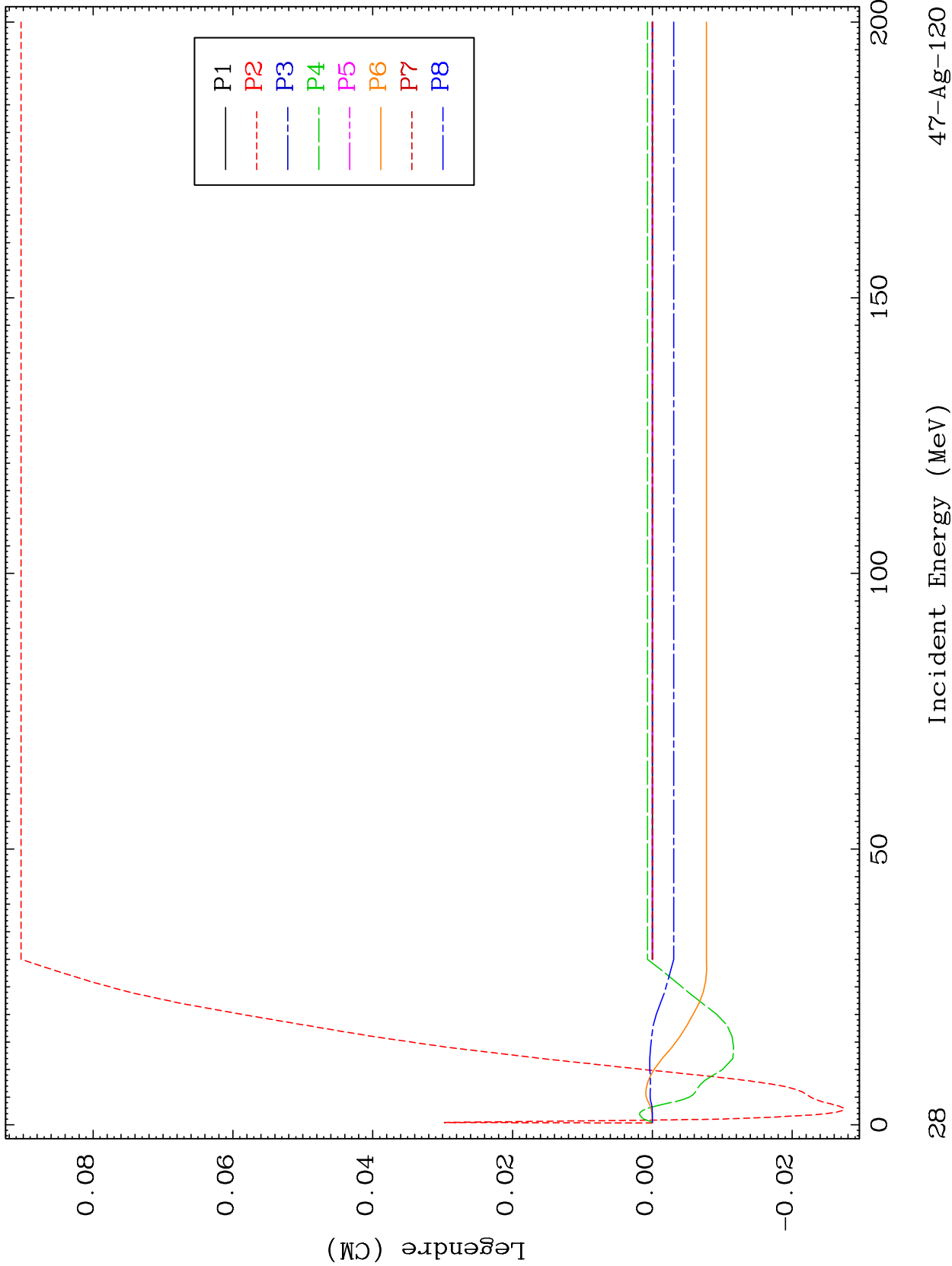
Legendre Coefficients



MAT 4764

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

47-Ag-120



47-Ag-120

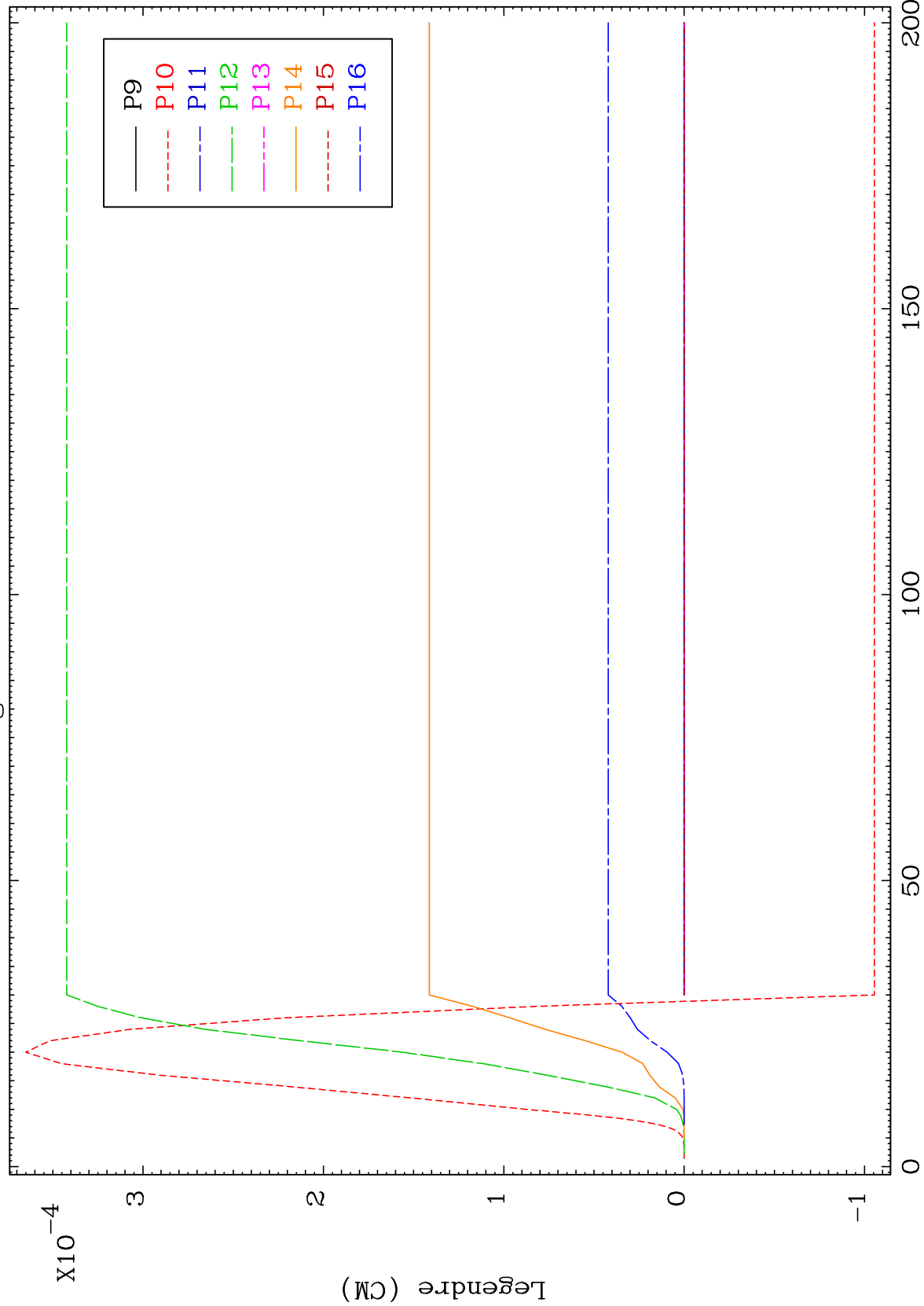
Incident Energy (MeV)

28

MAT 4764

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

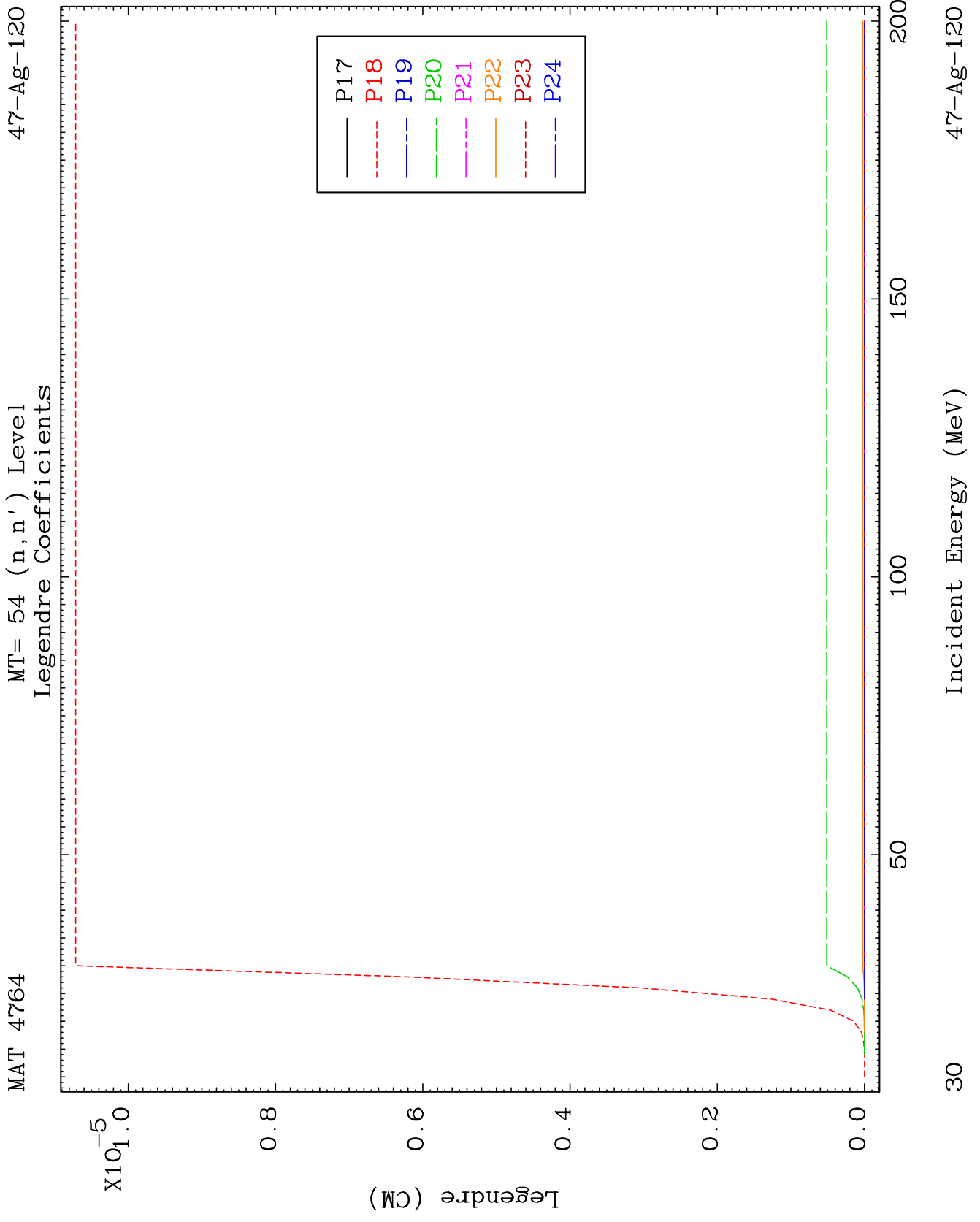
47-Ag-120



29

Incident Energy (MeV)

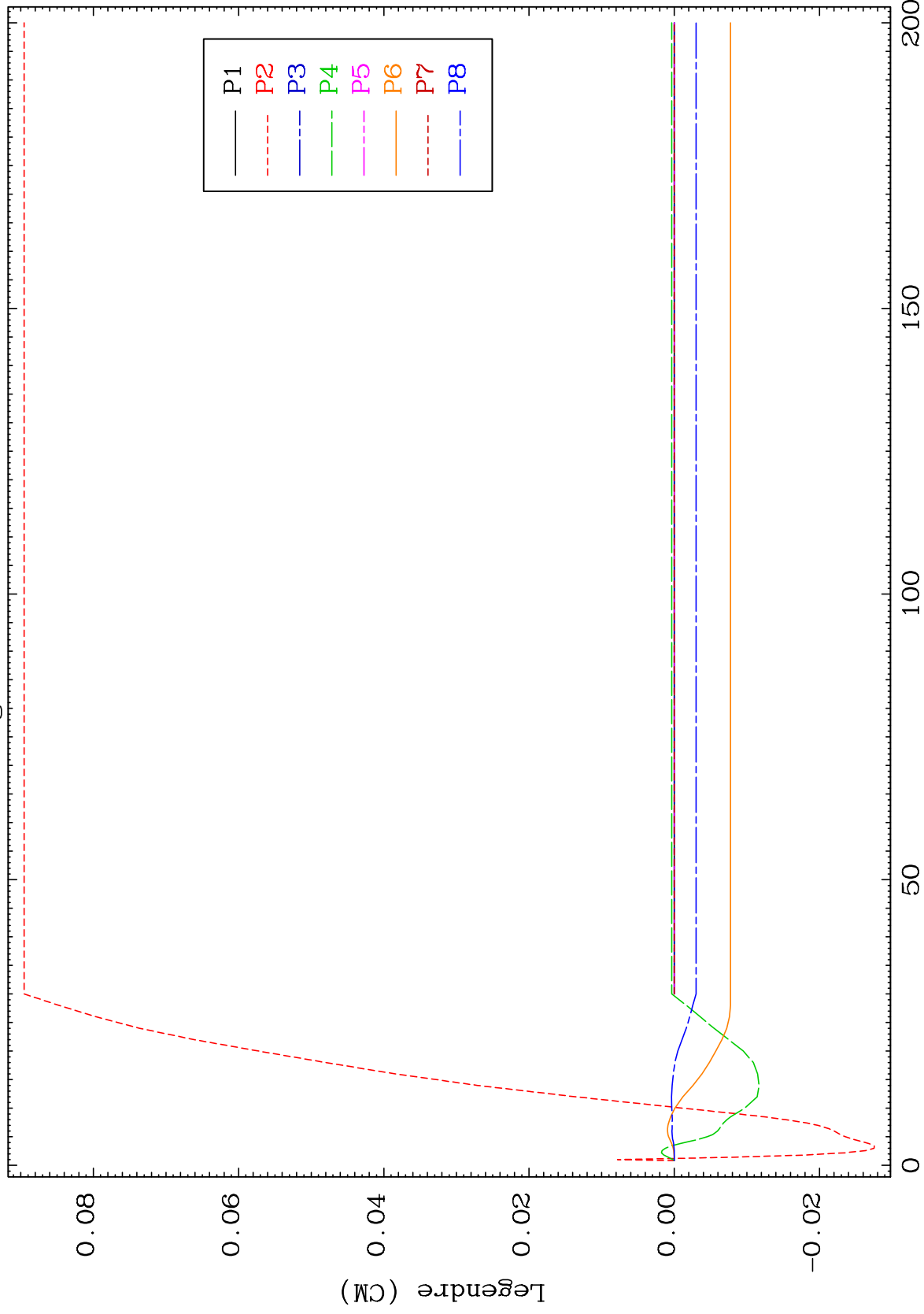
47-Ag-120



MAT 4764

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

47-Ag-120



47-Ag-120

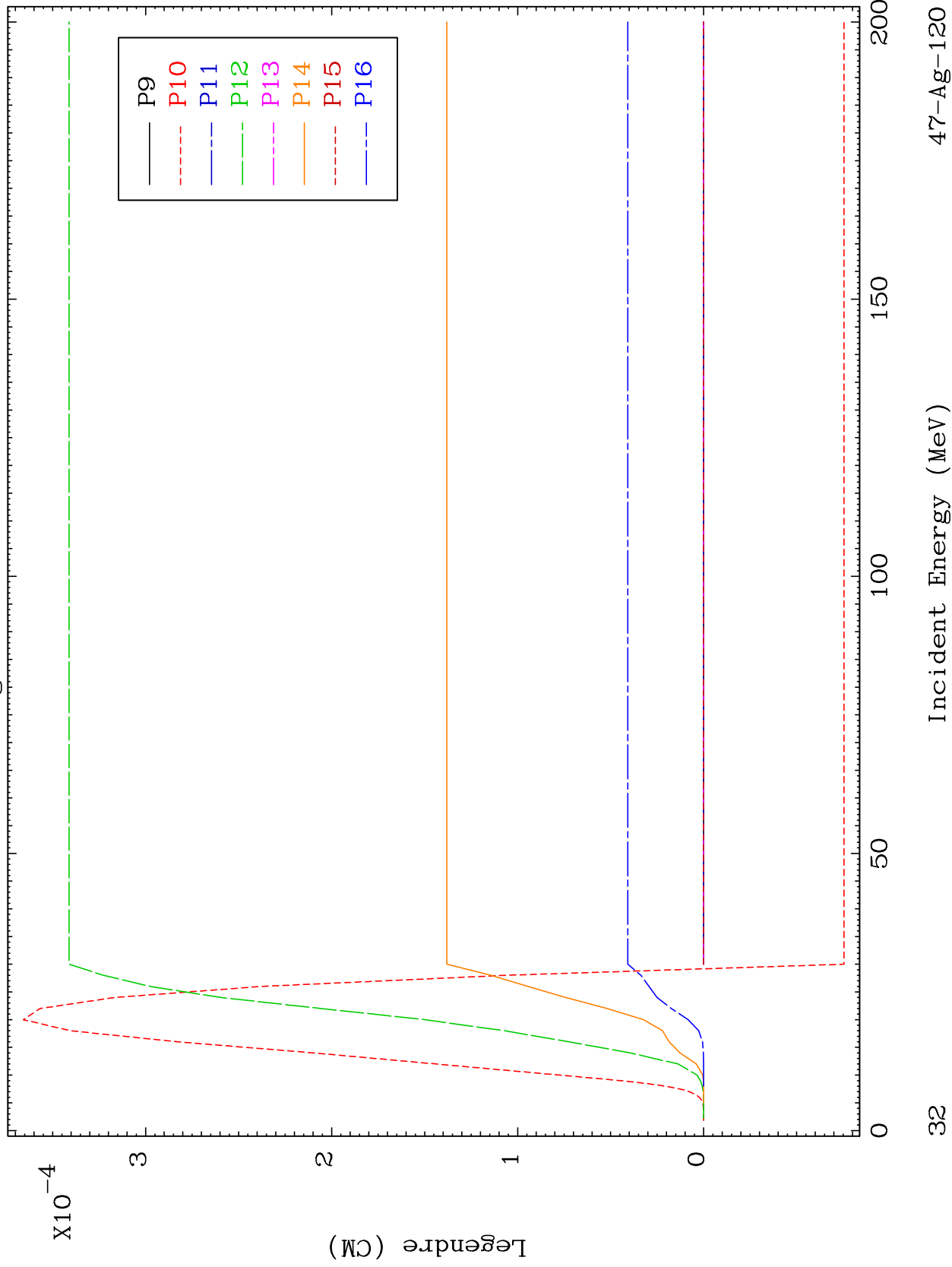
Incident Energy (MeV)

31

MAT 4764

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

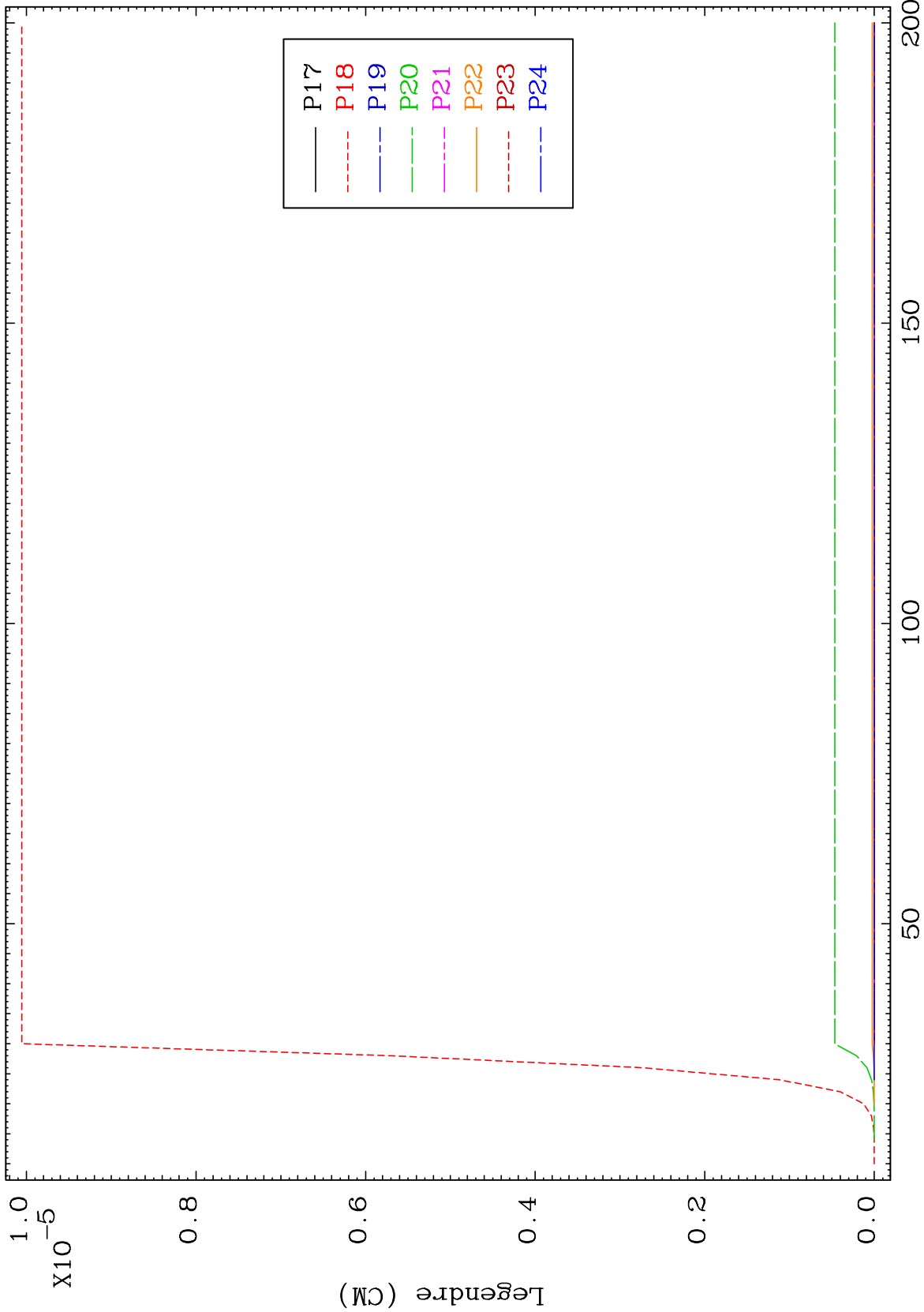
47-Ag-120



MAT 4764

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

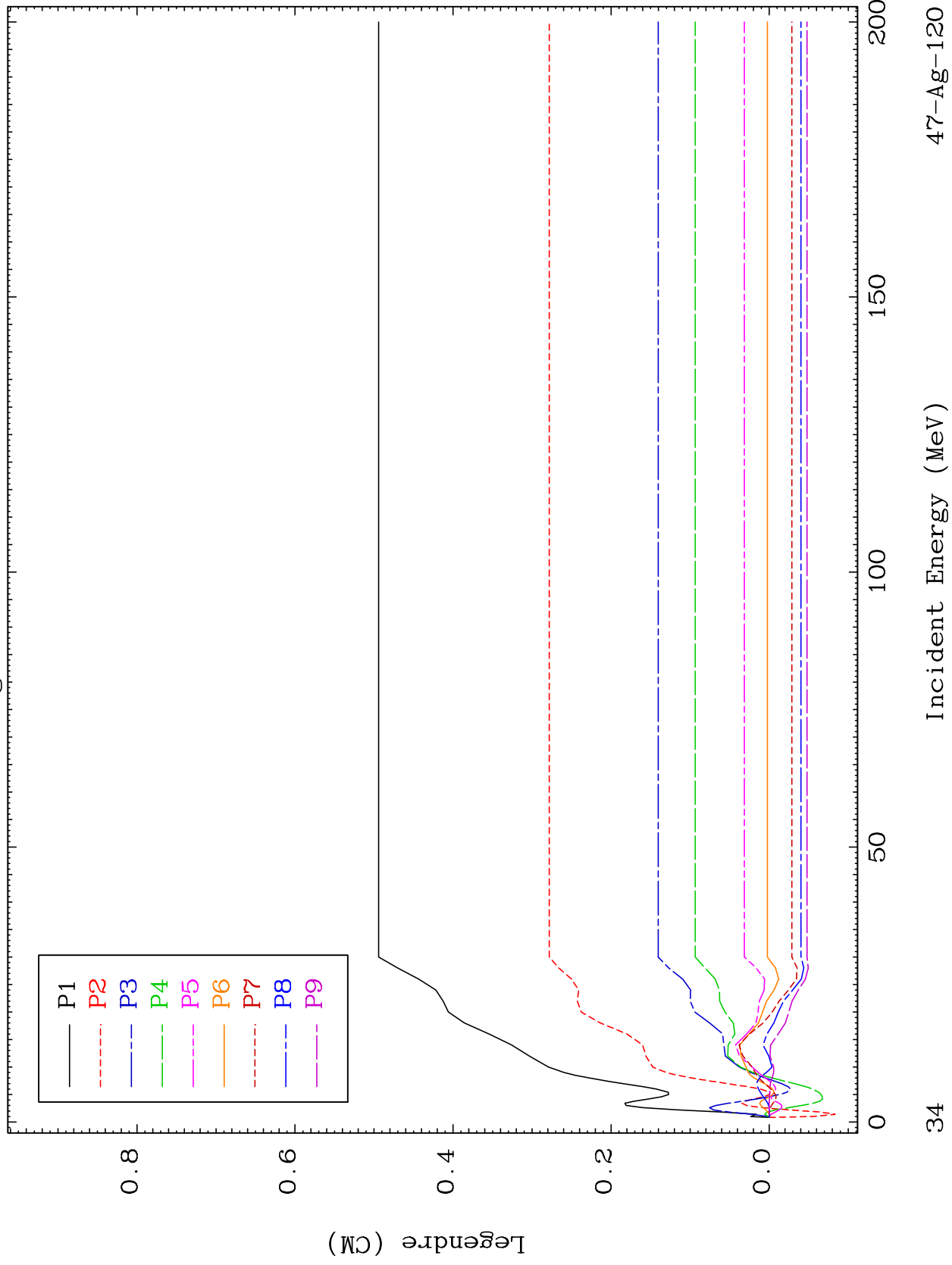
47-Ag-120



MAT 4764

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

47-Ag-120



34

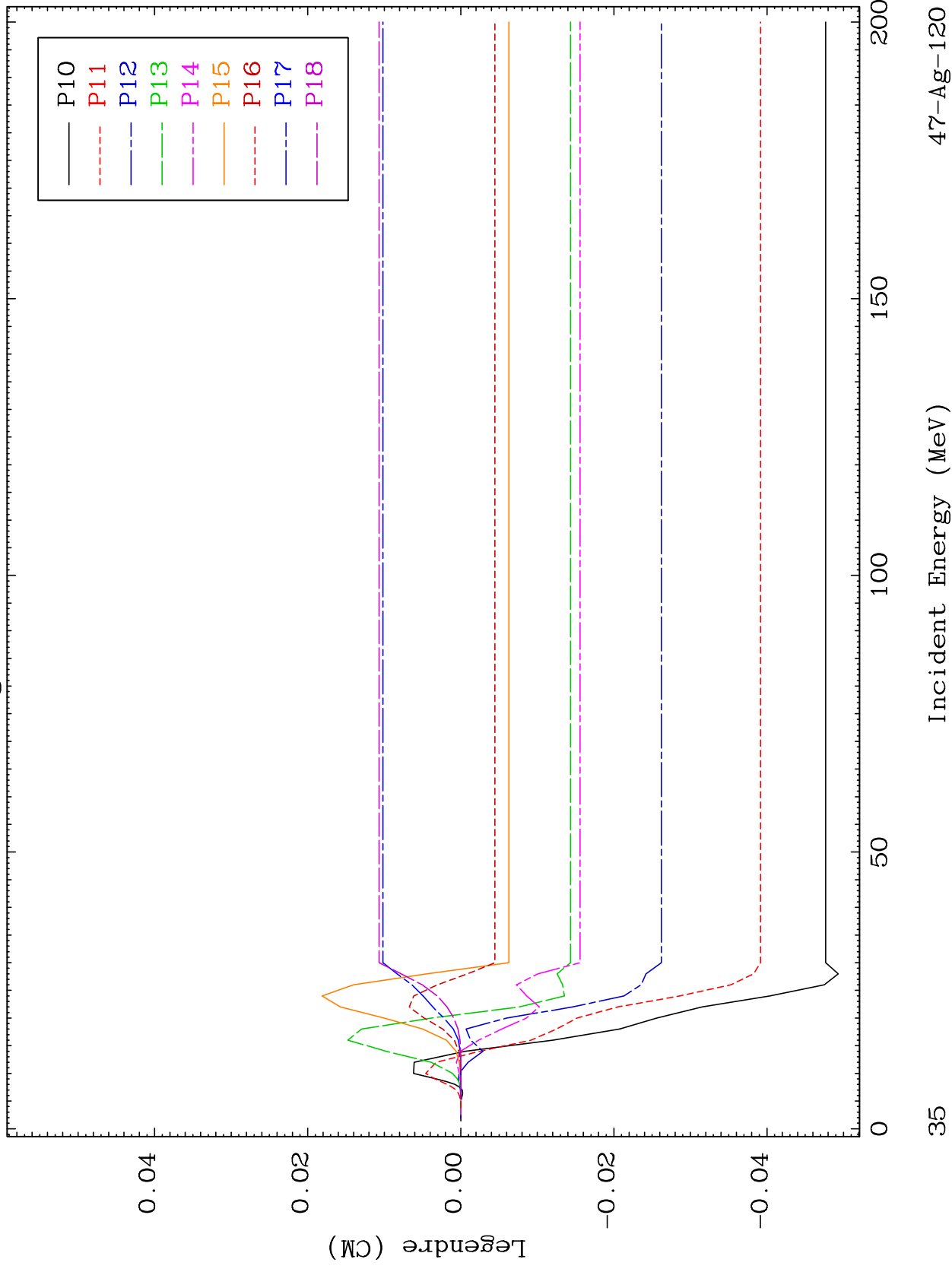
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



47-Ag-120

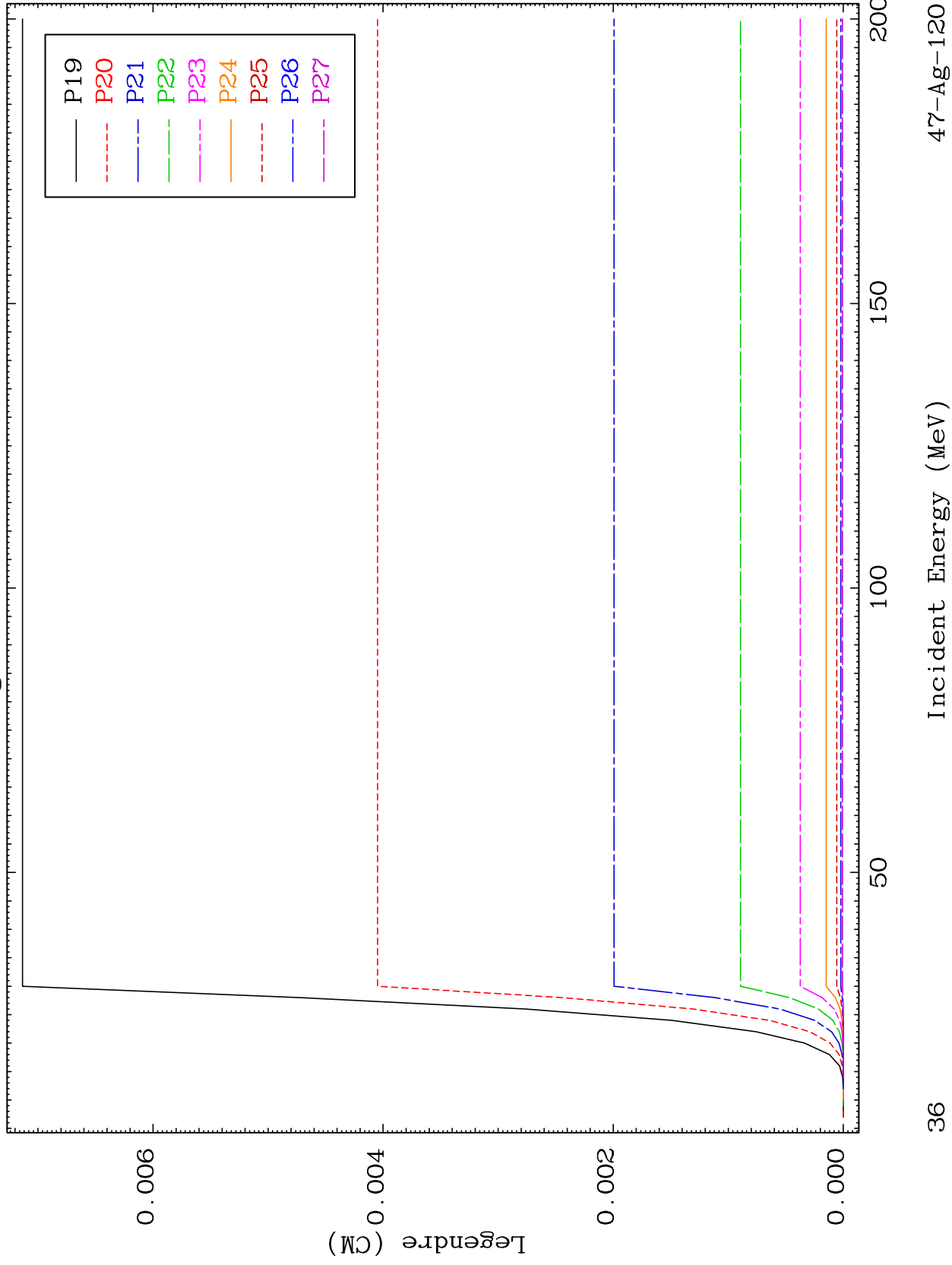
Incident Energy (MeV)

35

MAT 4764

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

47-Ag-120



36

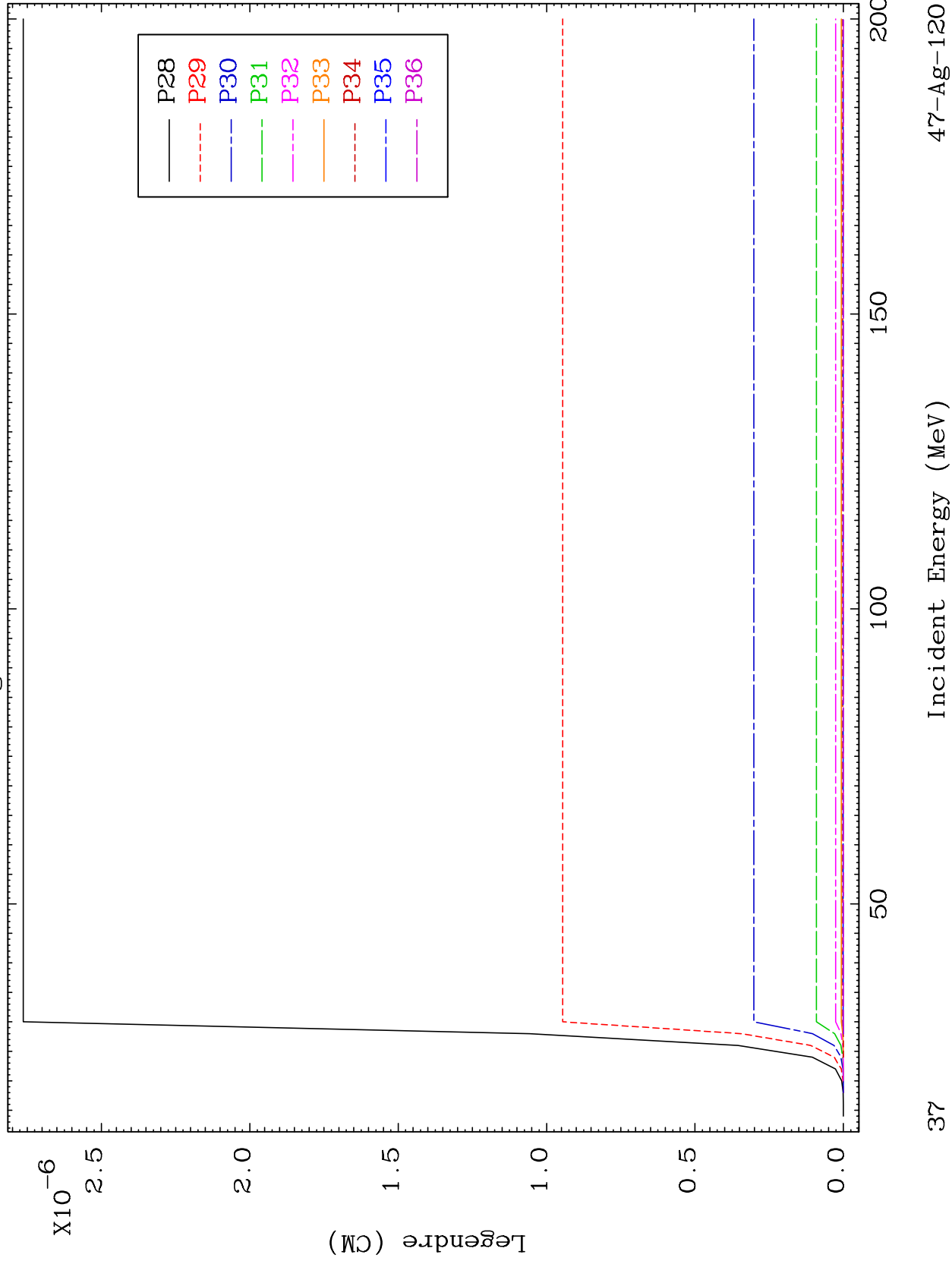
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



37

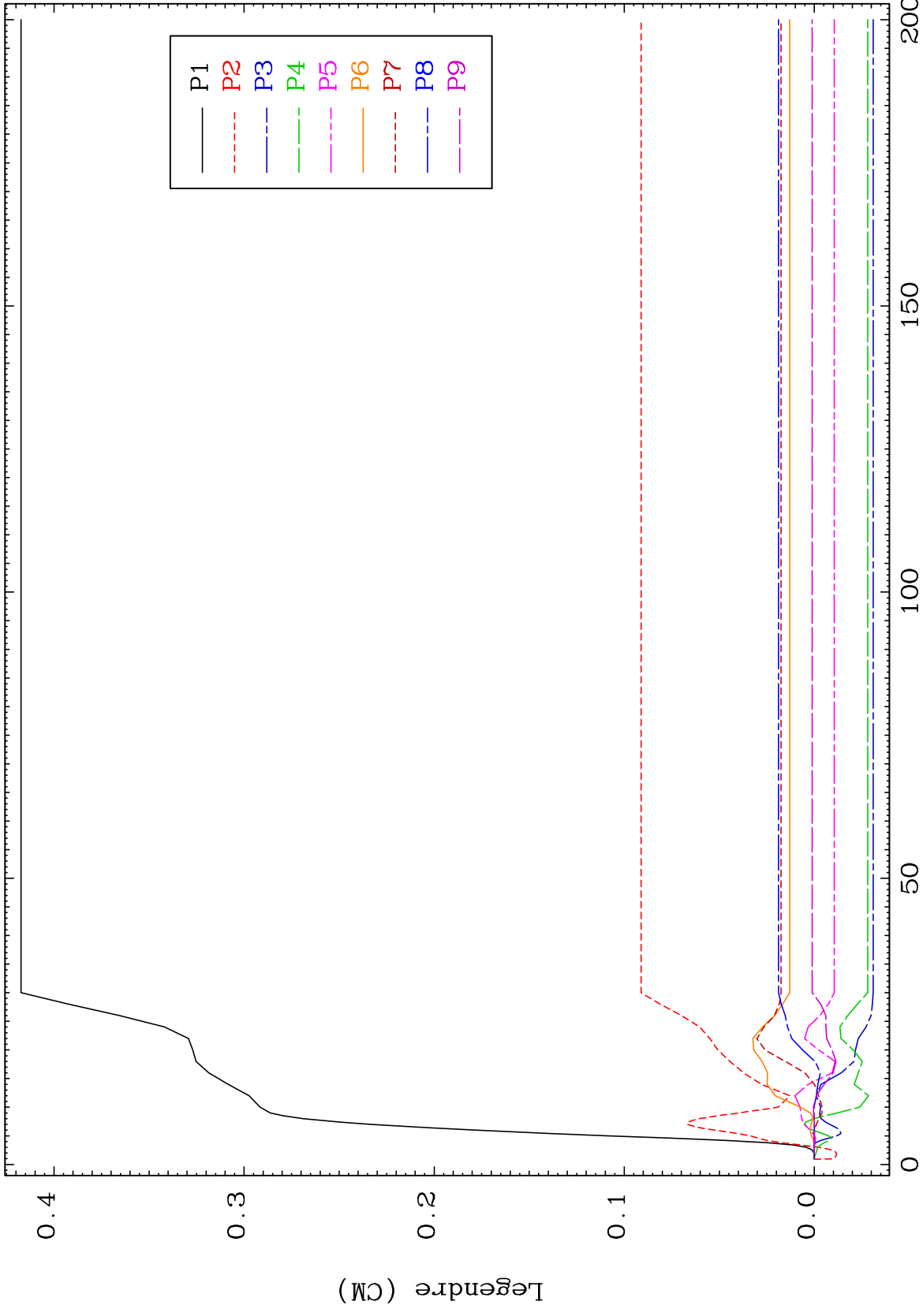
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

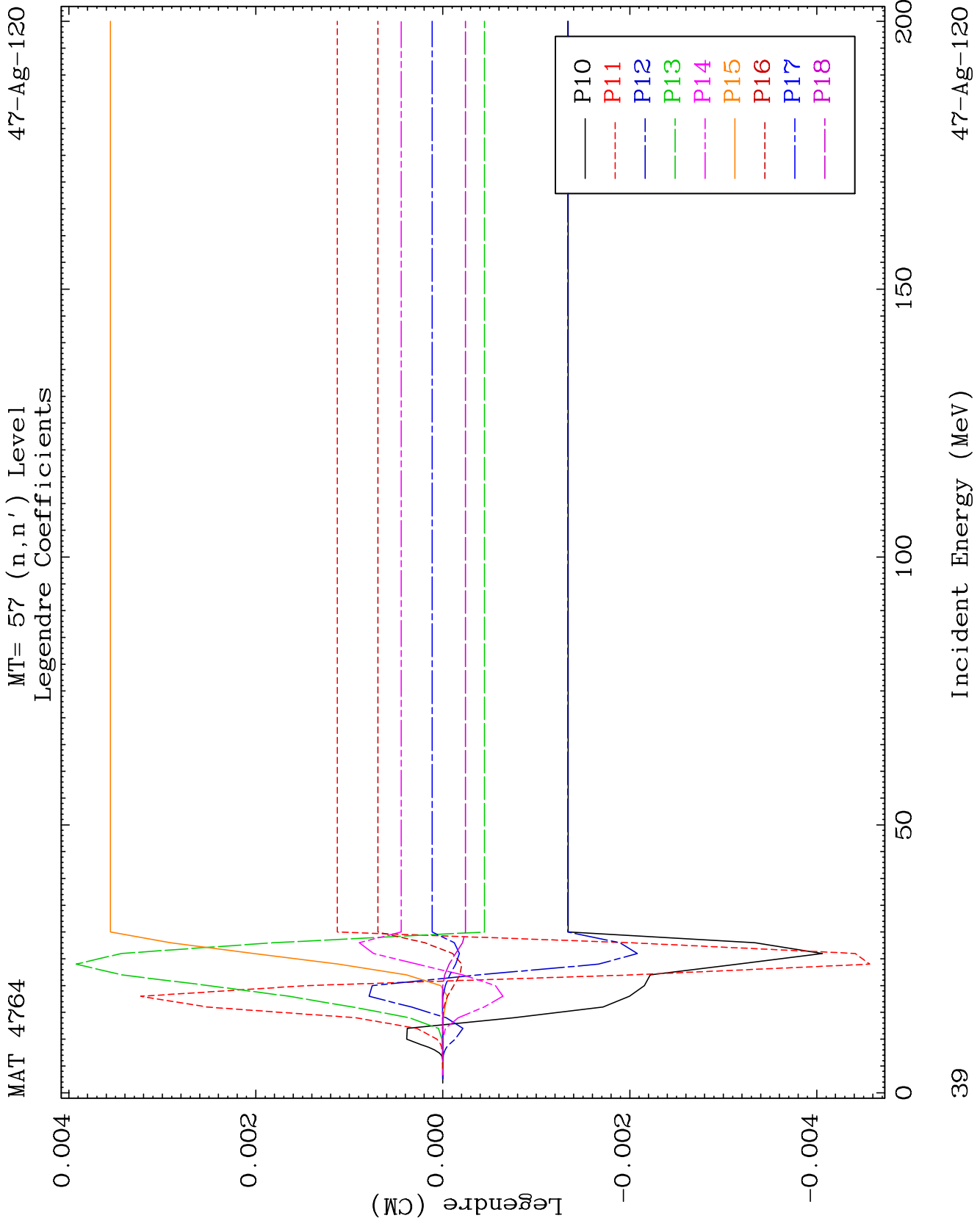
47-Ag-120

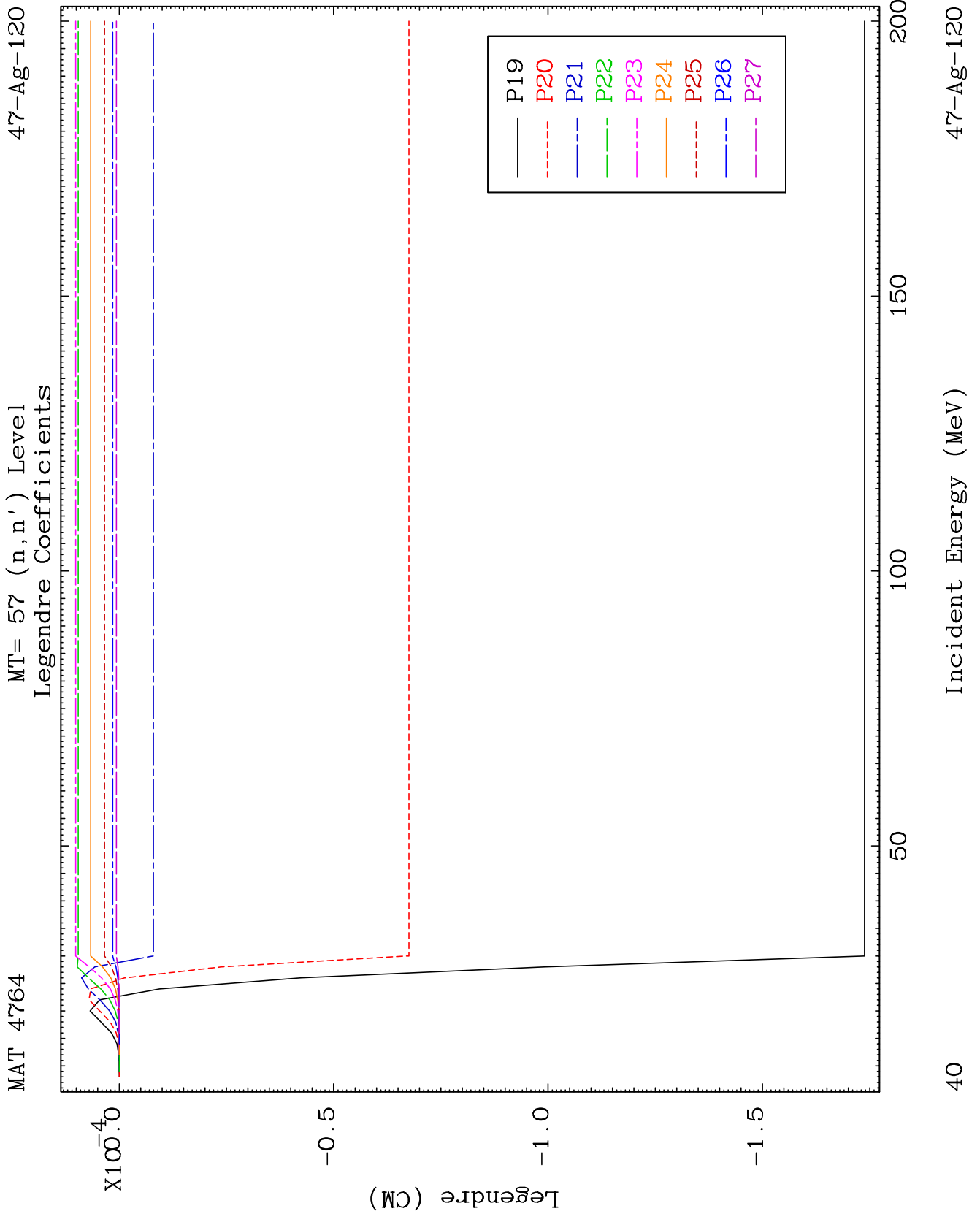


38

Incident Energy (MeV)

47-Ag-120

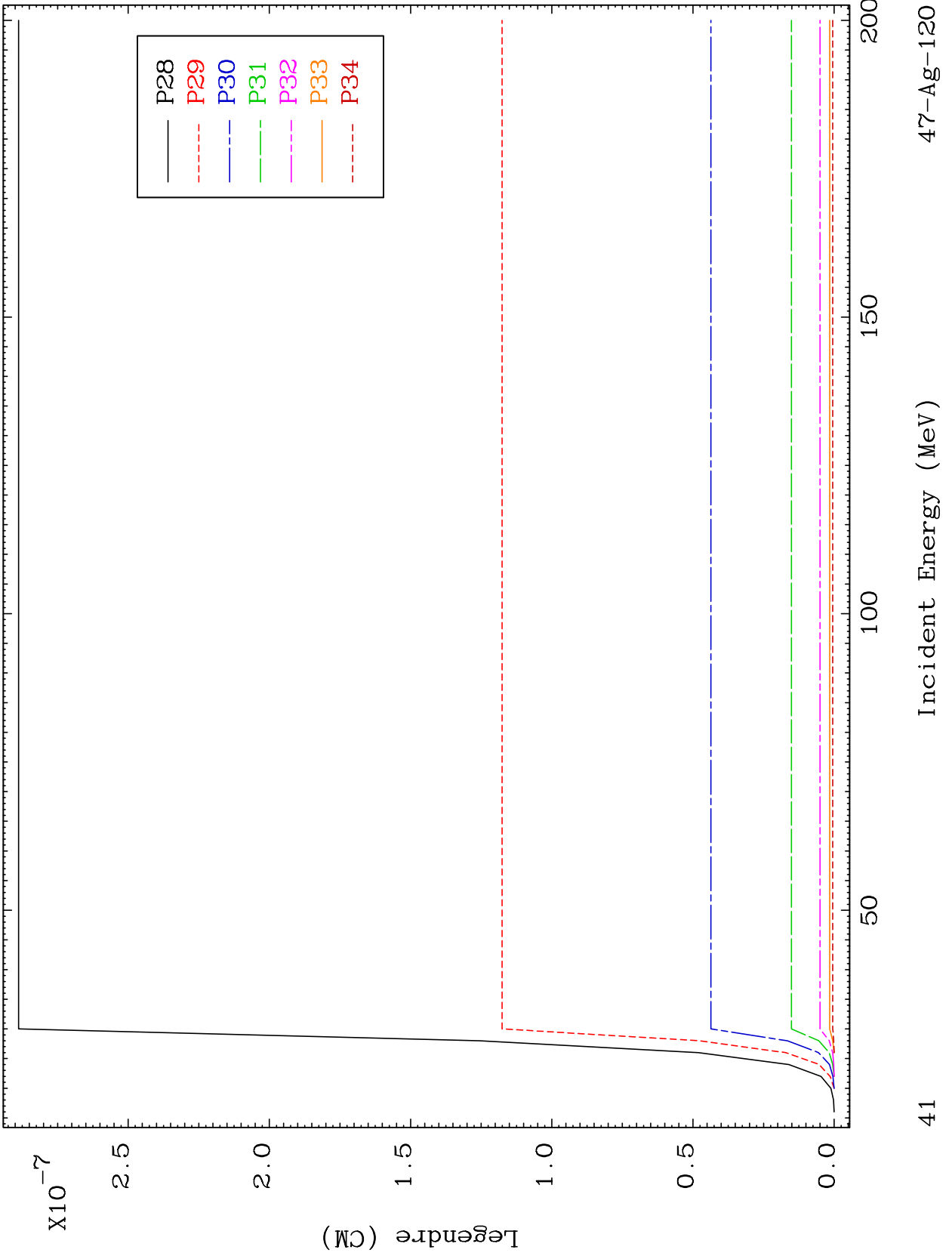




MAT 4764

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

47-Ag-120

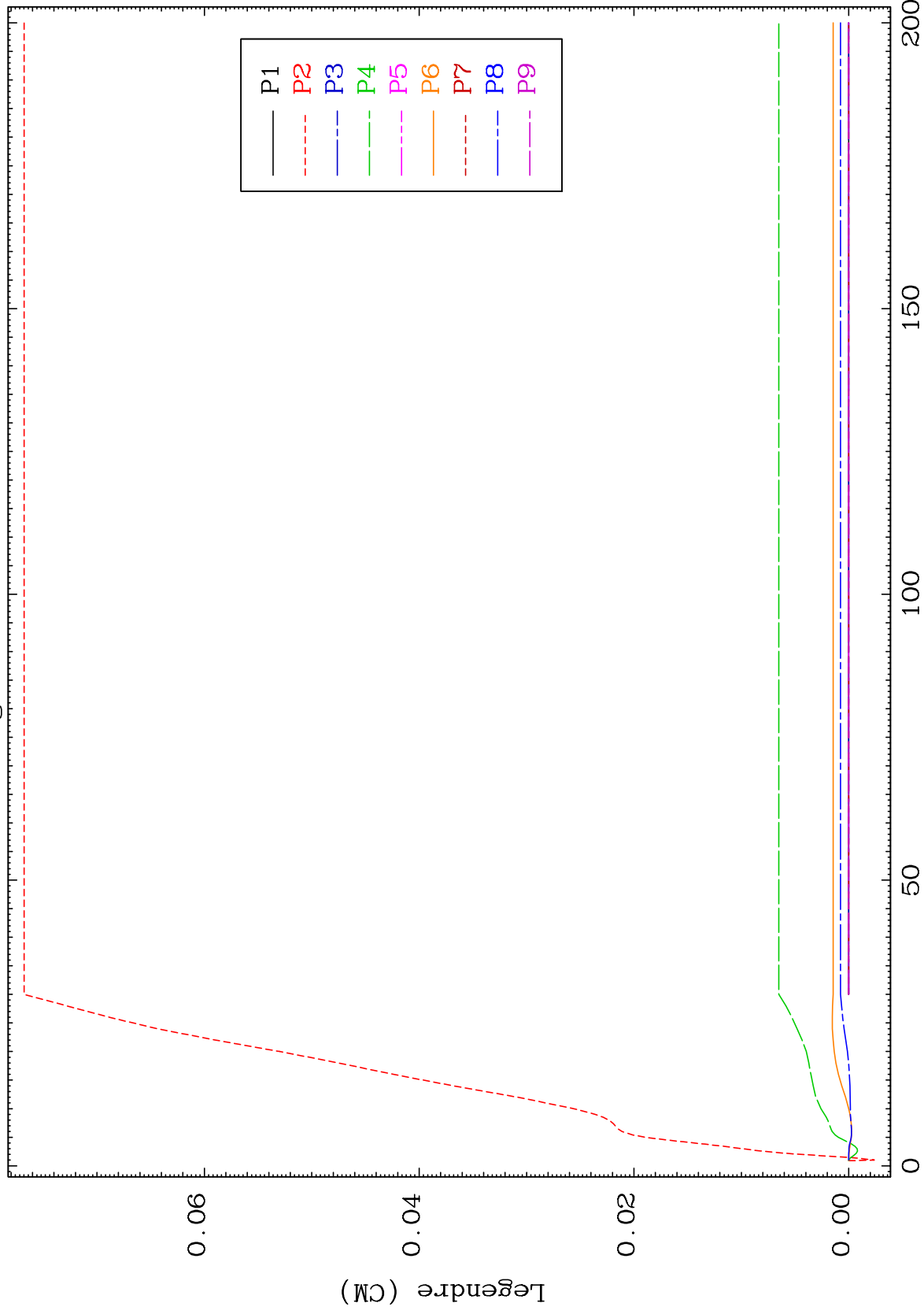


41

MAT 4764

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

47-Ag-120



47-Ag-120

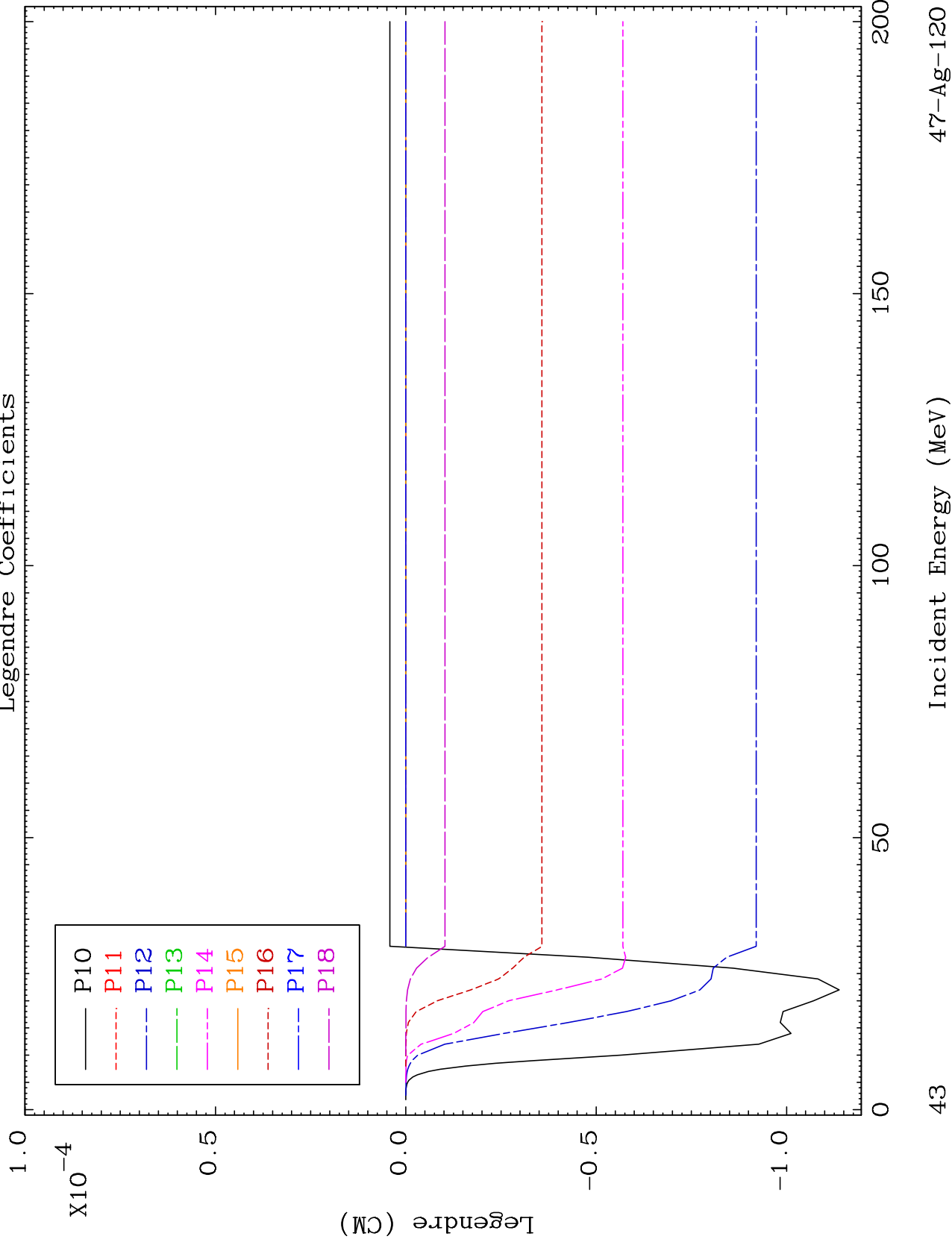
Incident Energy (MeV)

42

MAT 4764

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

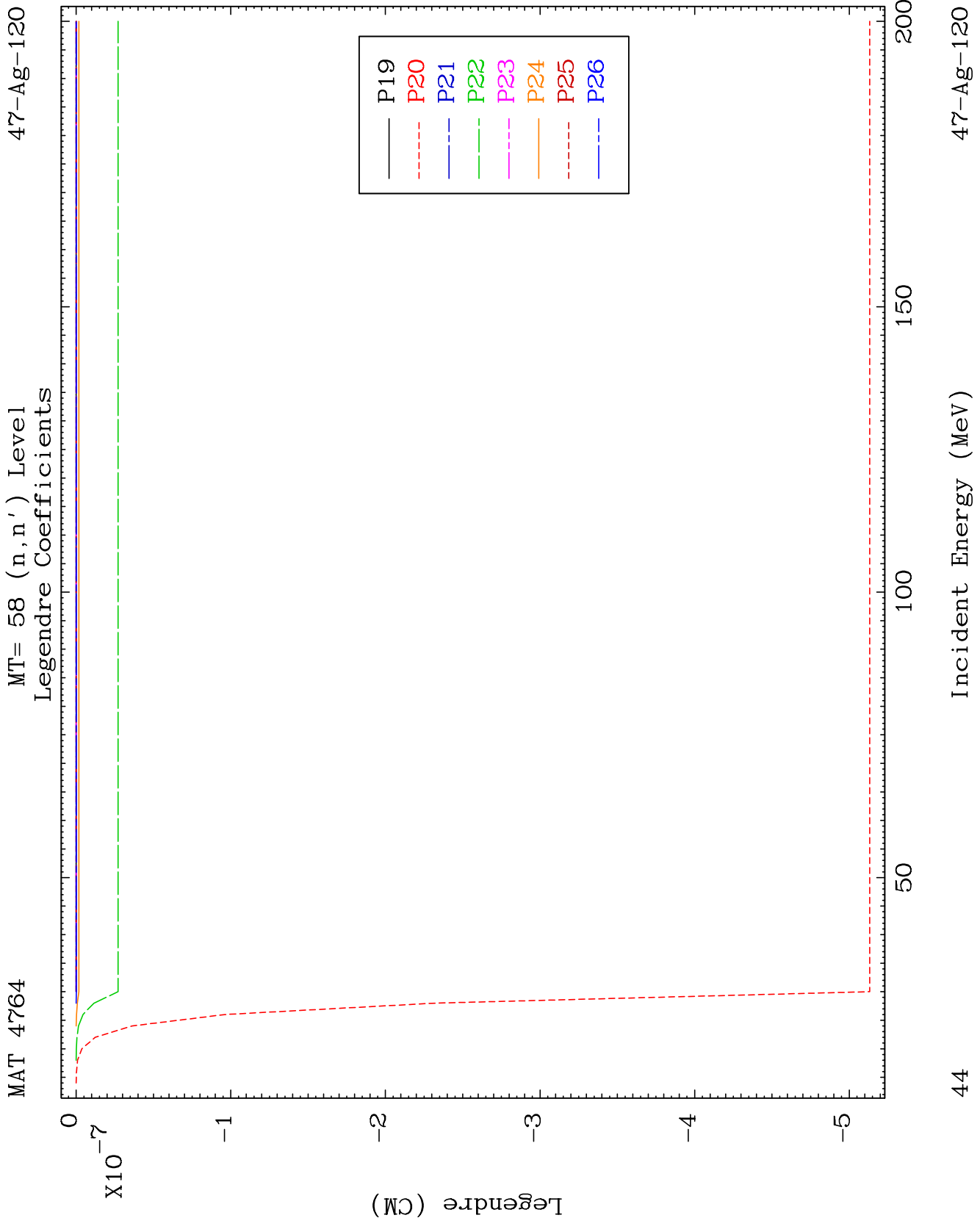
47-Ag-120



43

Incident Energy (MeV)

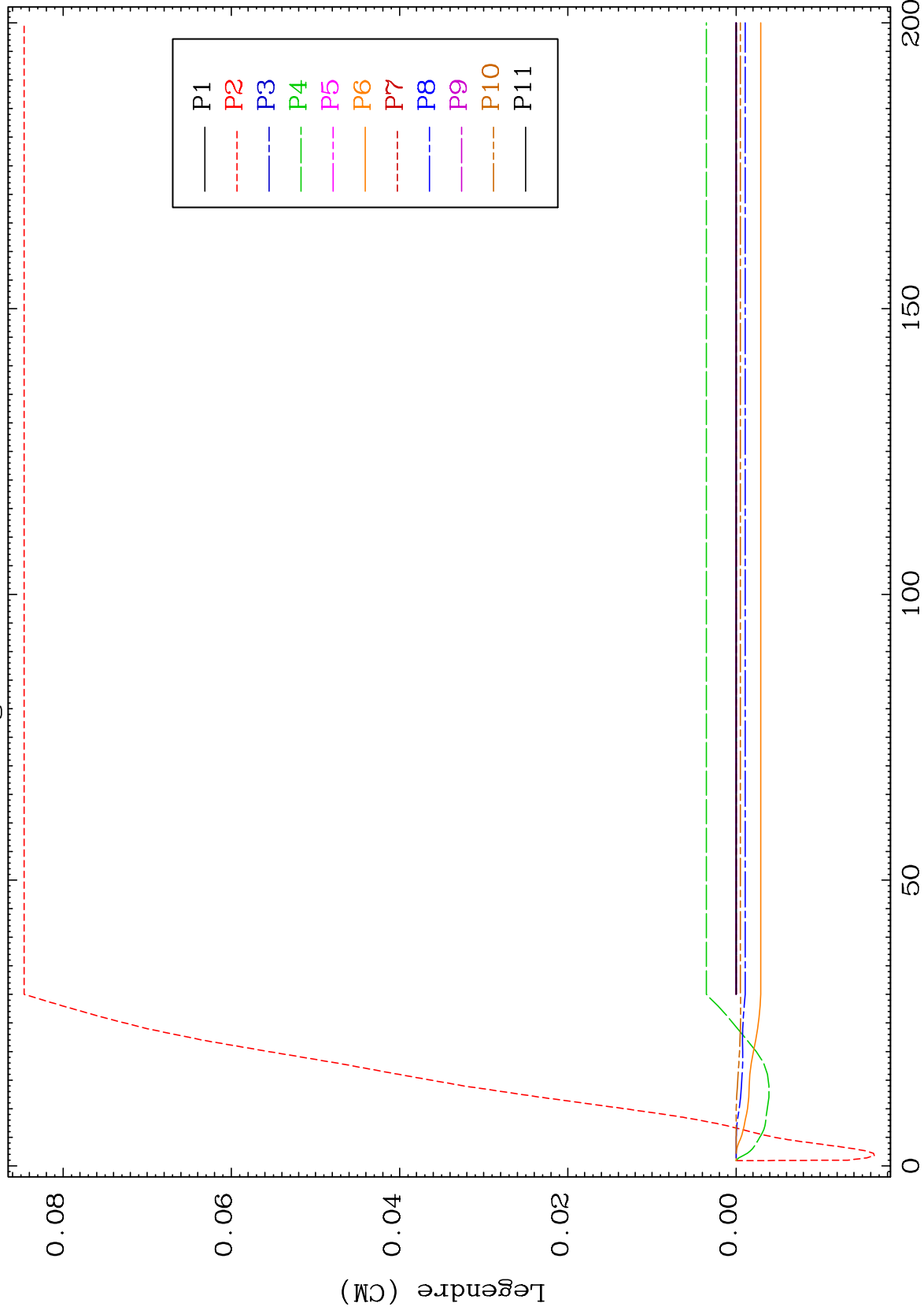
47-Ag-120



MAT 4764

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

47-Ag-120



45

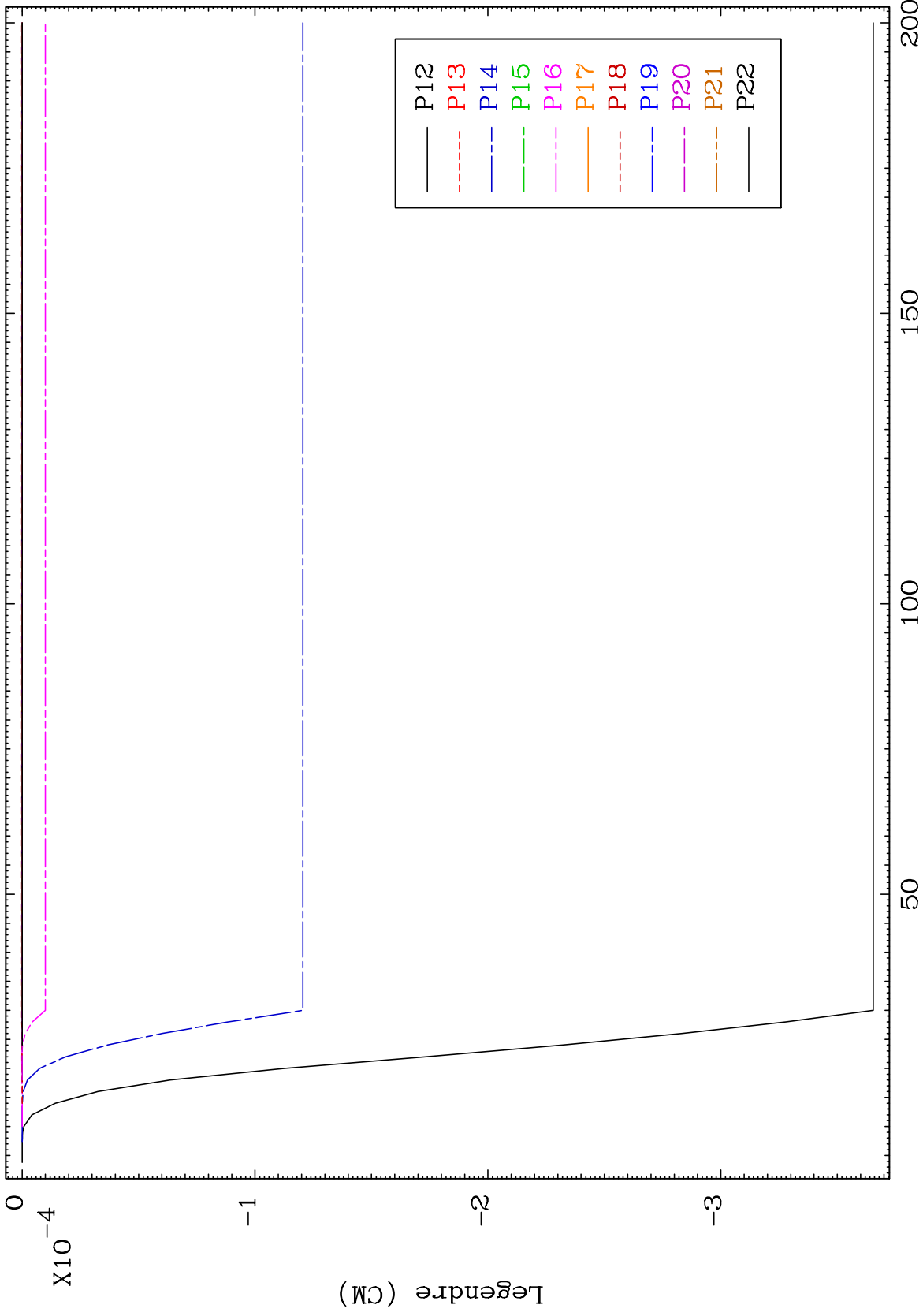
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

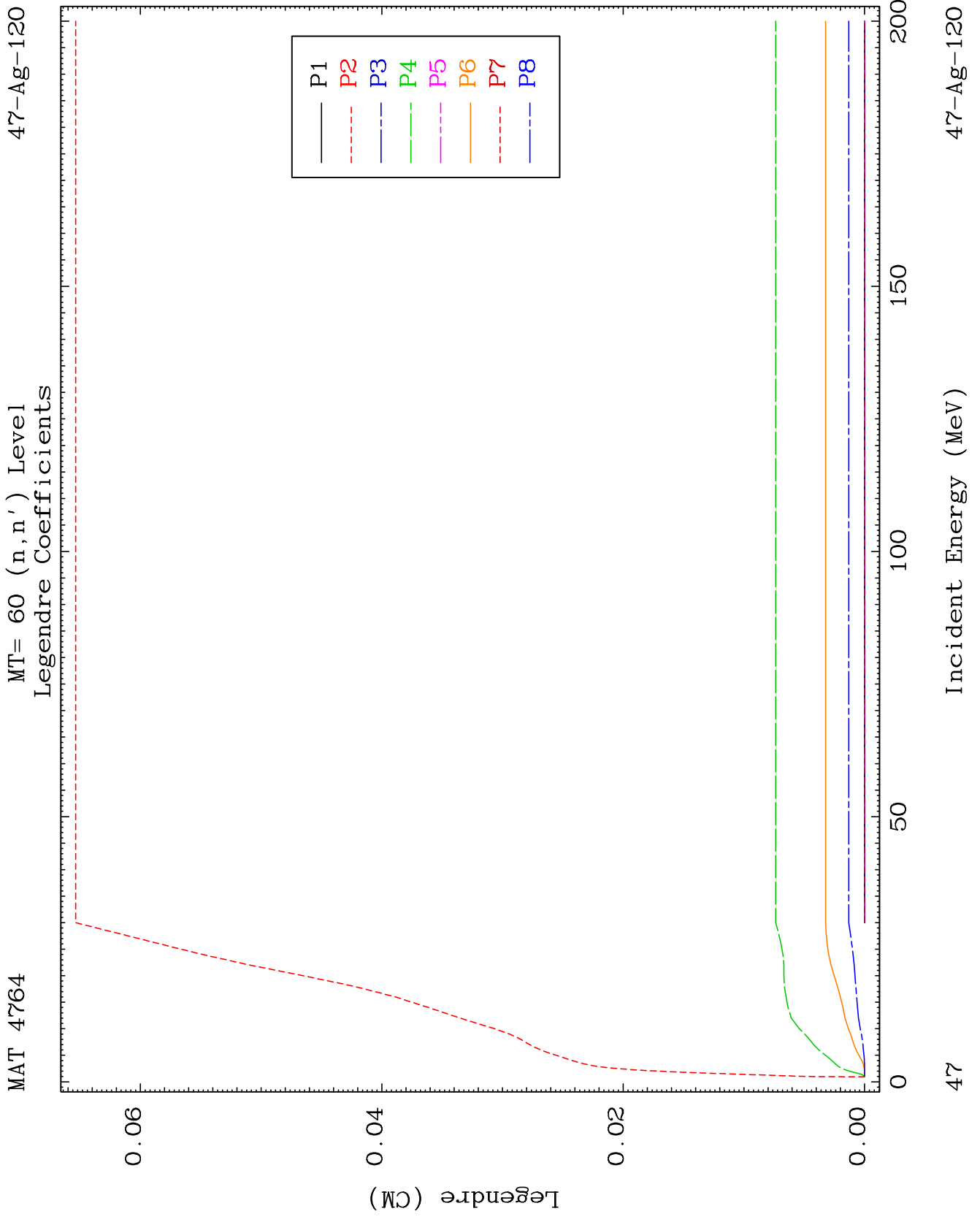
47-Ag-120



46

Incident Energy (MeV)

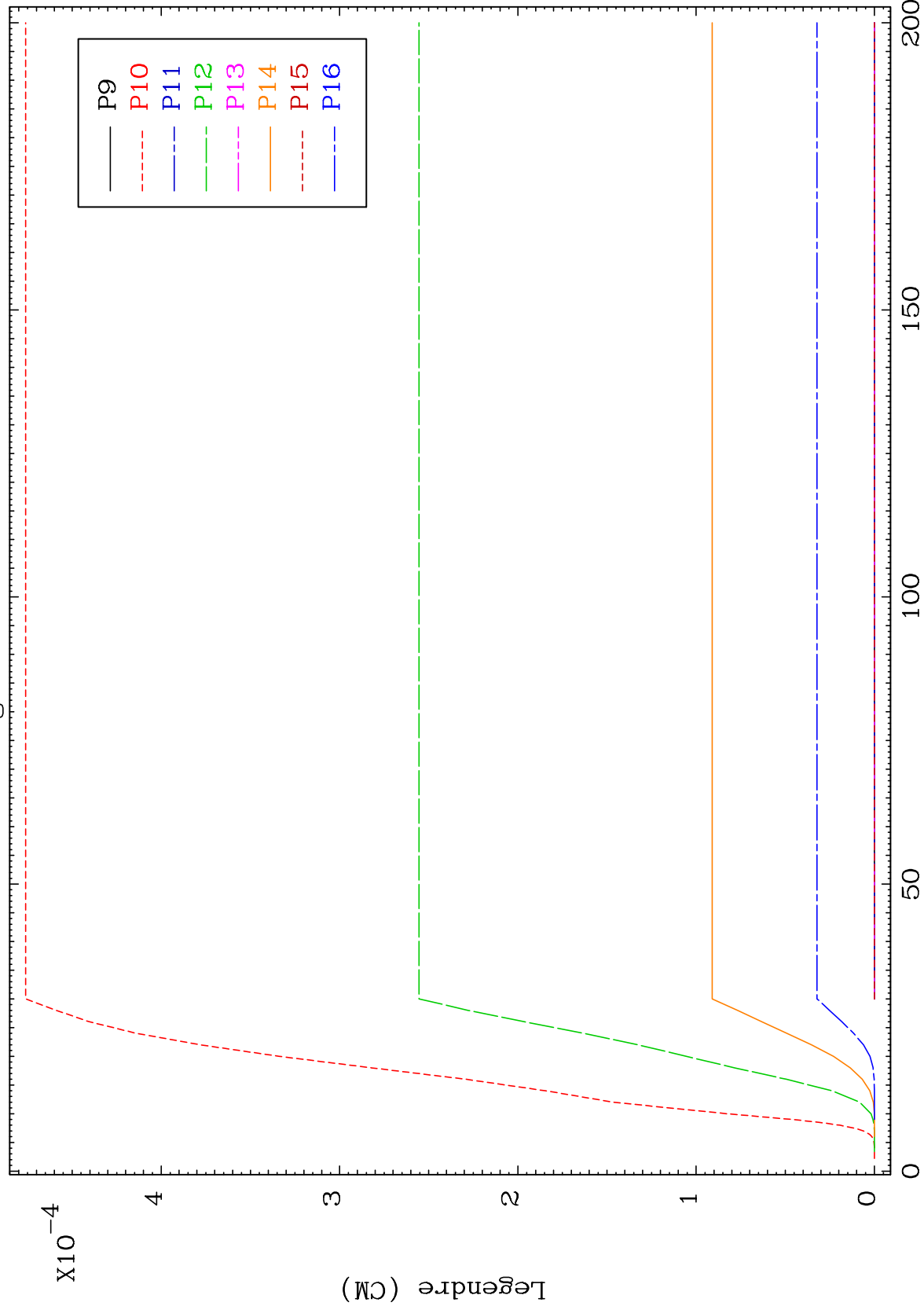
47-Ag-120



MAT 4764

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

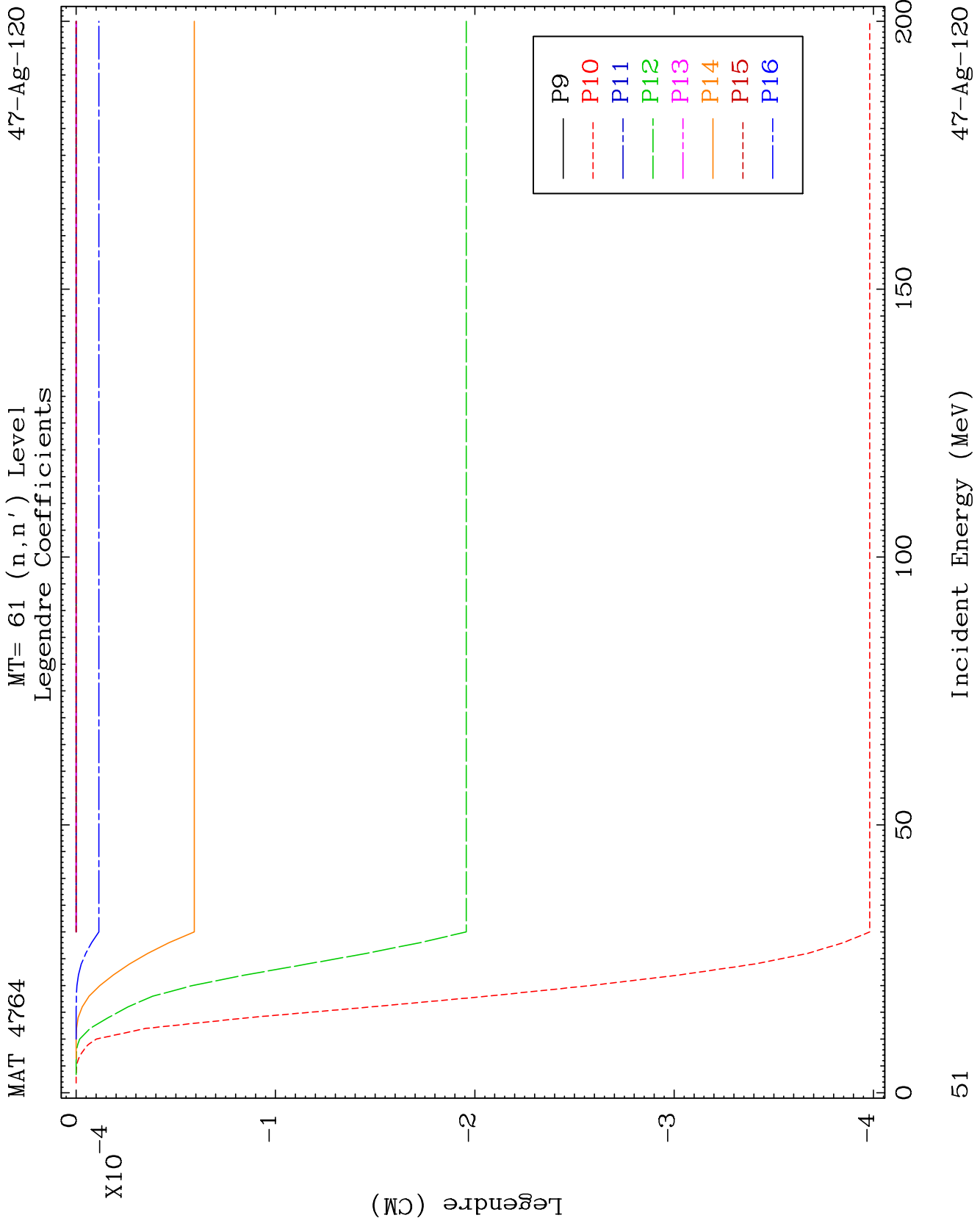
47-Ag-120



48

Incident Energy (MeV)

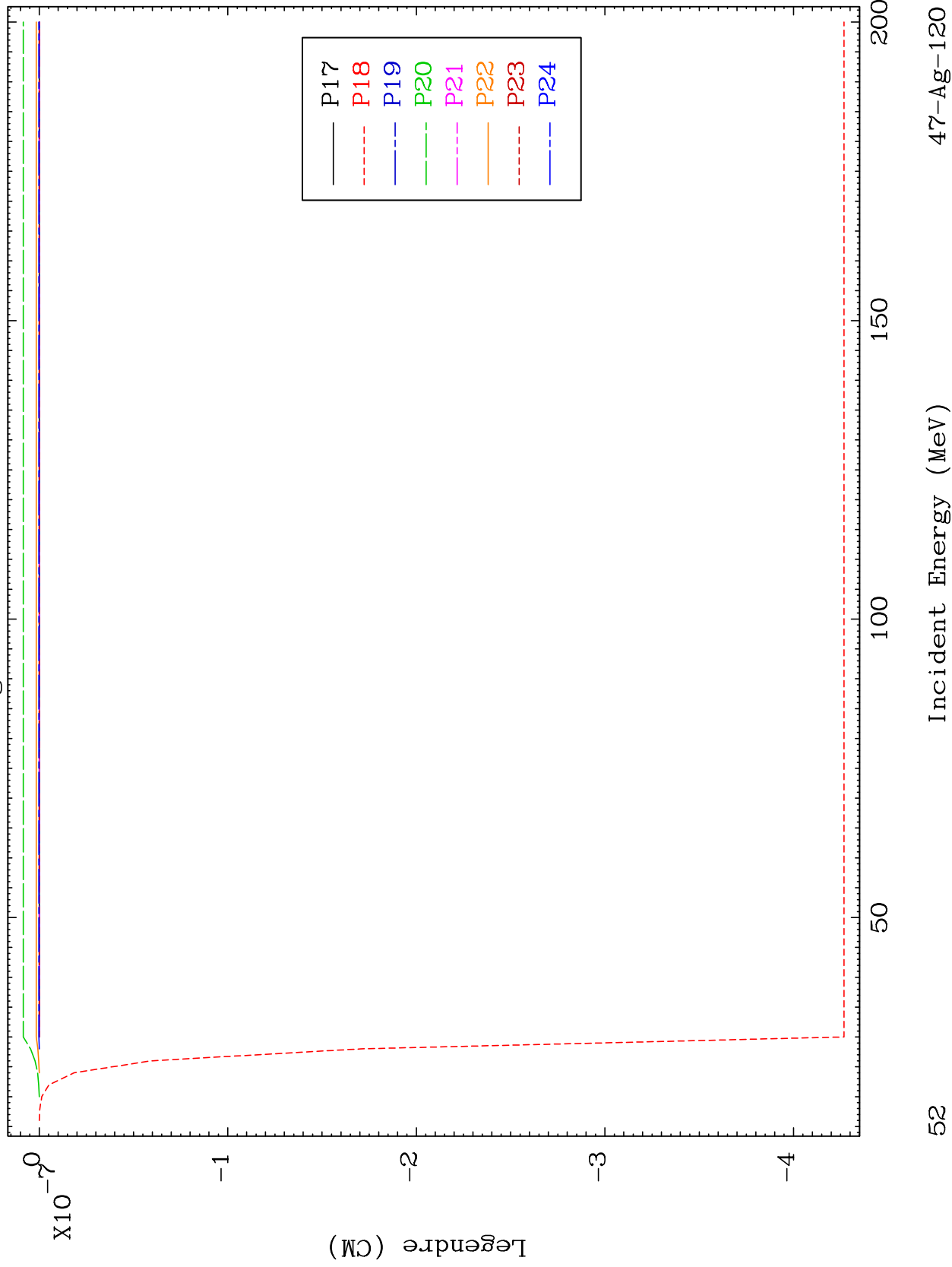
47-Ag-120



MAT 4764

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

47-Ag-120



52

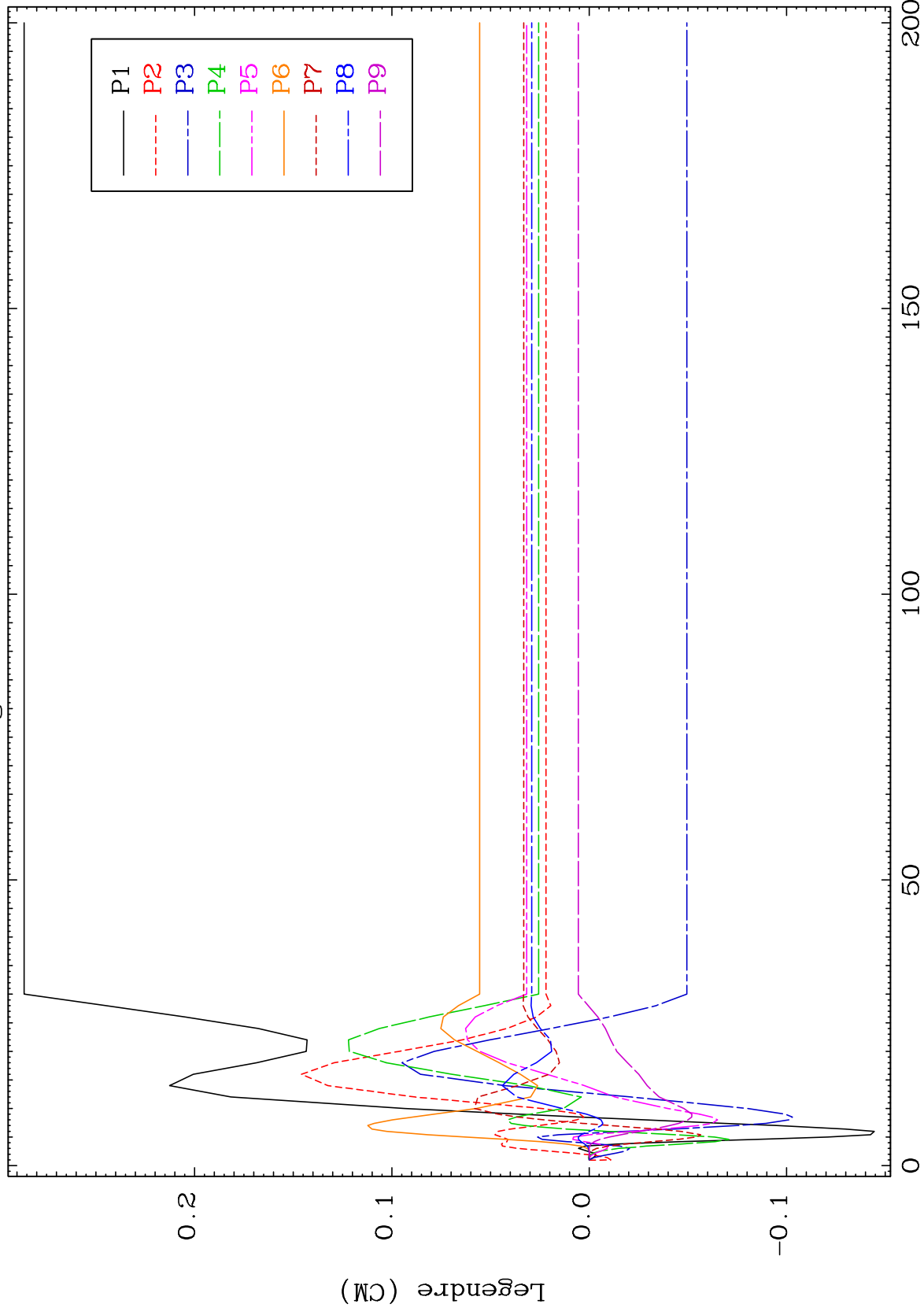
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



53

Incident Energy (MeV)

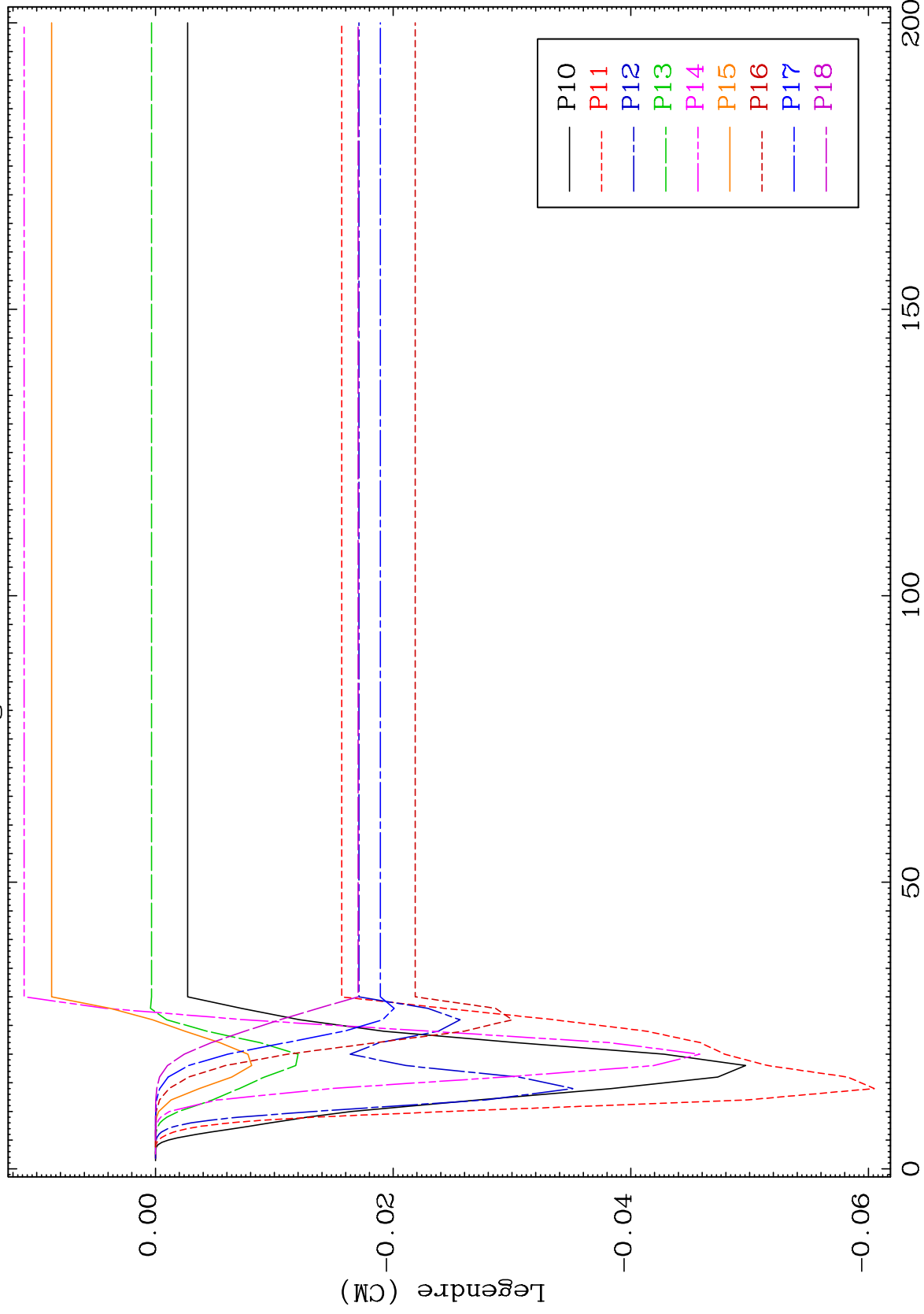
47-Ag-120

MAT 4764

MT= 62 (n,n') Level

47-Ag-120

Legendre Coefficients



54

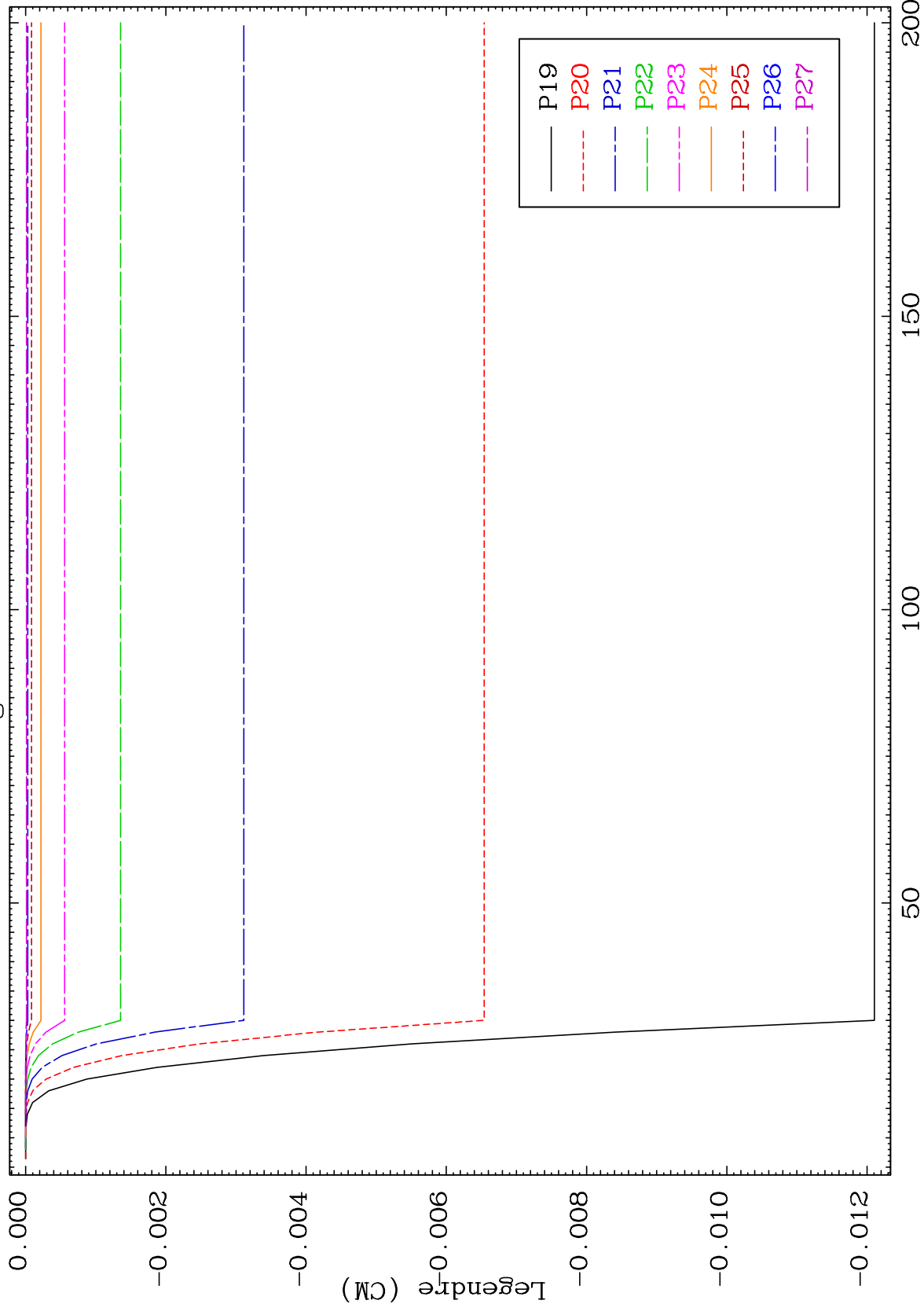
Incident Energy (MeV)

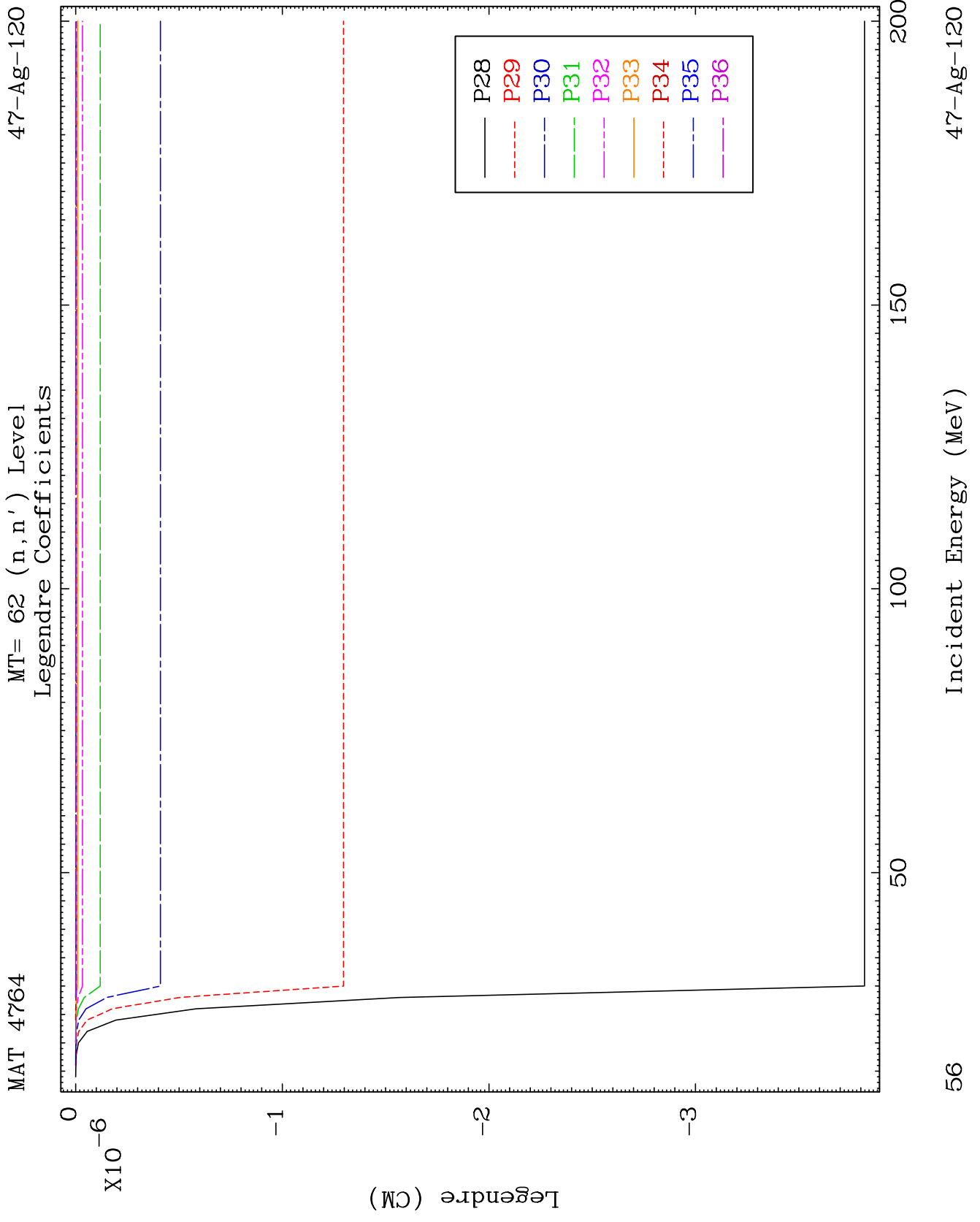
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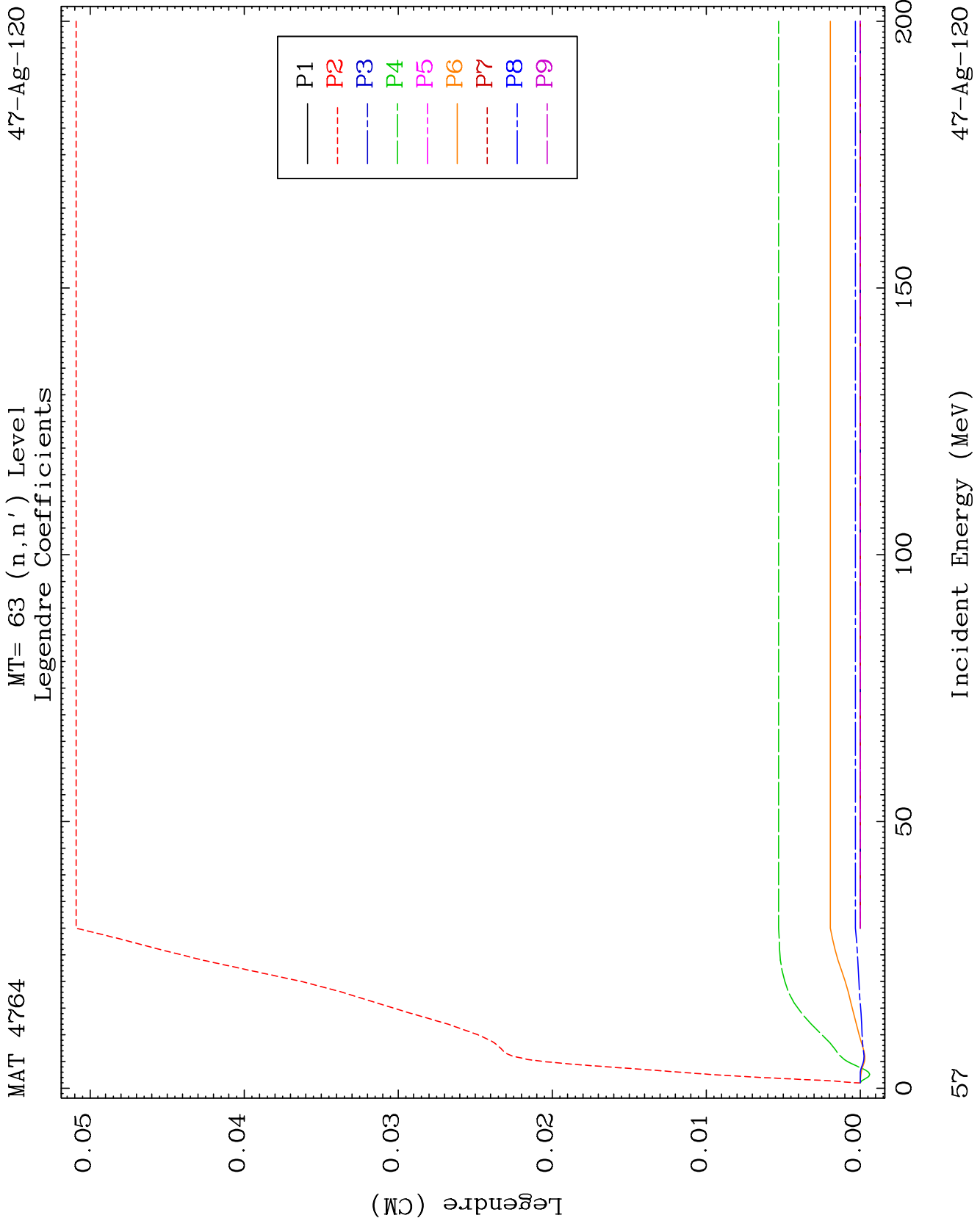
MAT 4764

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

47-Ag-120



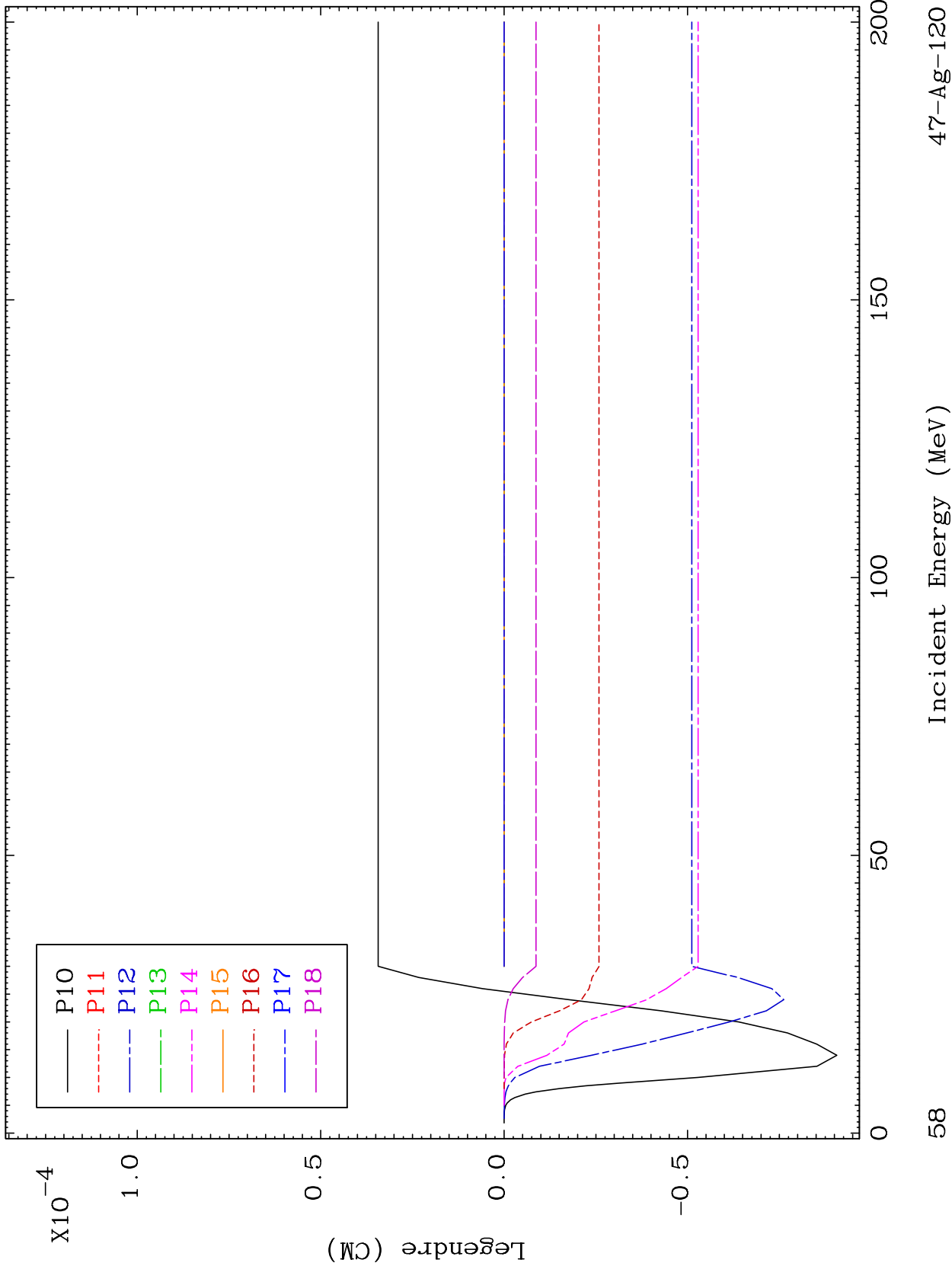




MAT 4764

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

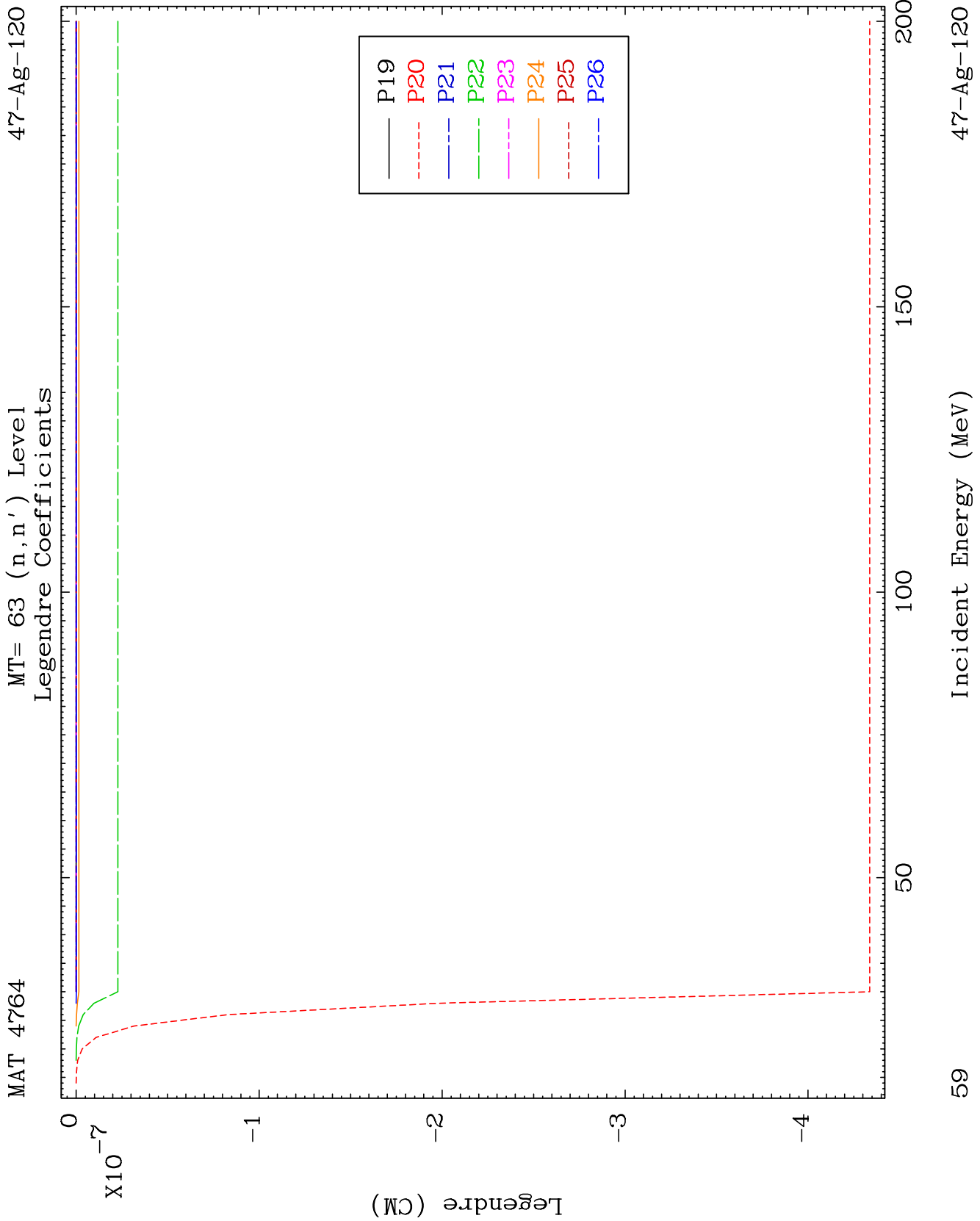
47-Ag-120



58

Incident Energy (MeV)

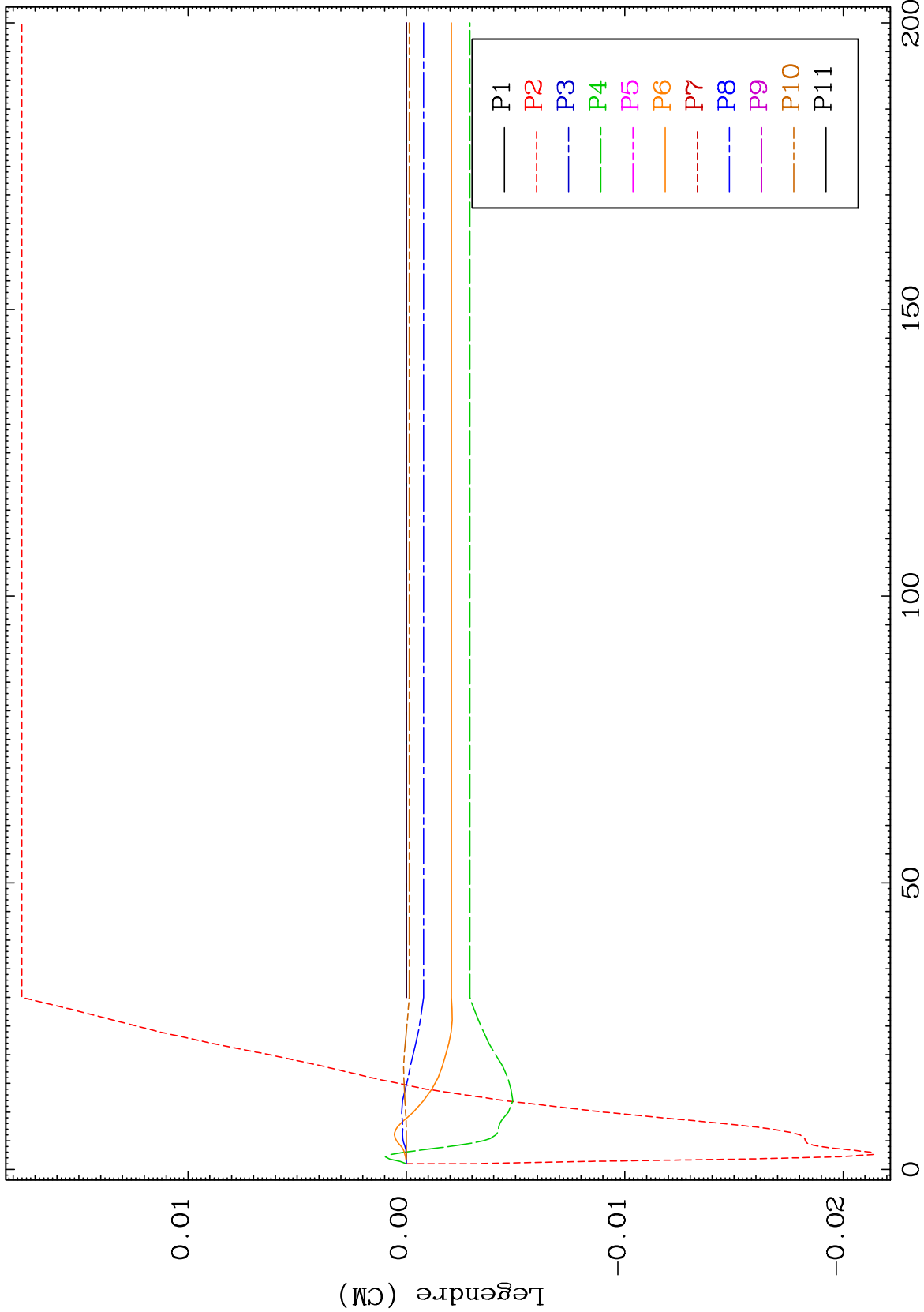
47-Ag-120



MAT 4764

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

47-Ag-120



47-Ag-120

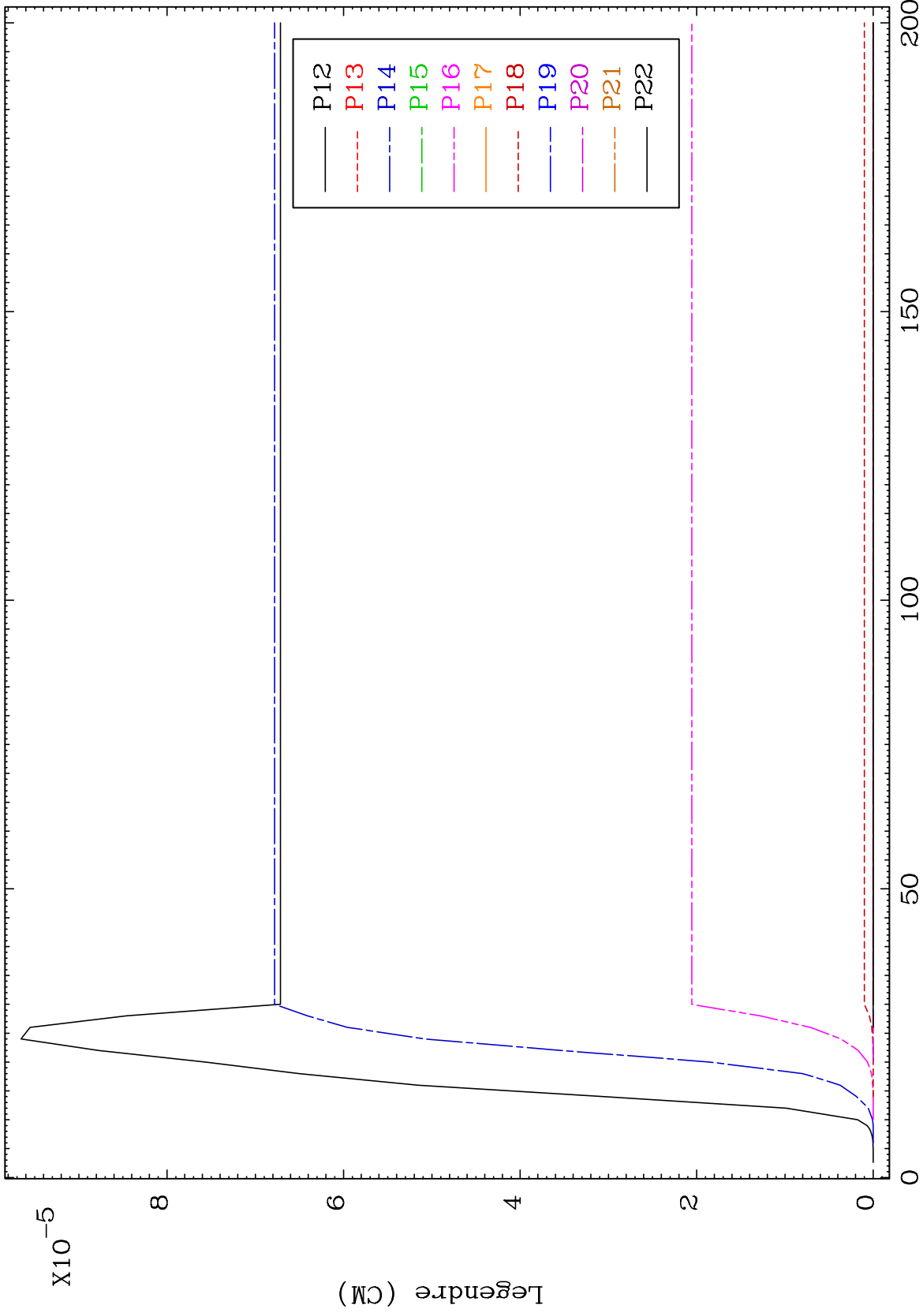
Incident Energy (MeV)

60

MAT 4764

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

47-Ag-120



61

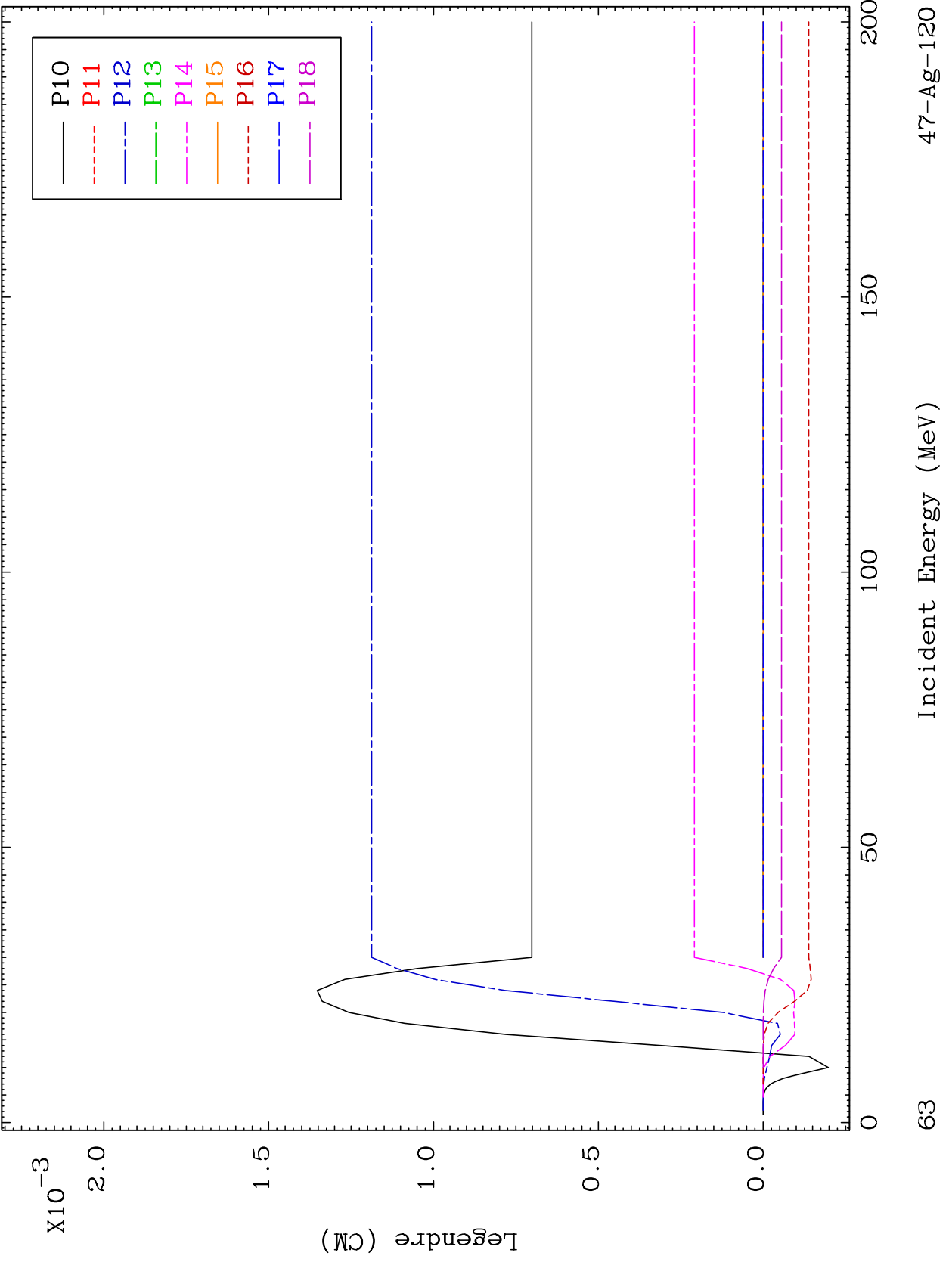
Incident Energy (MeV)

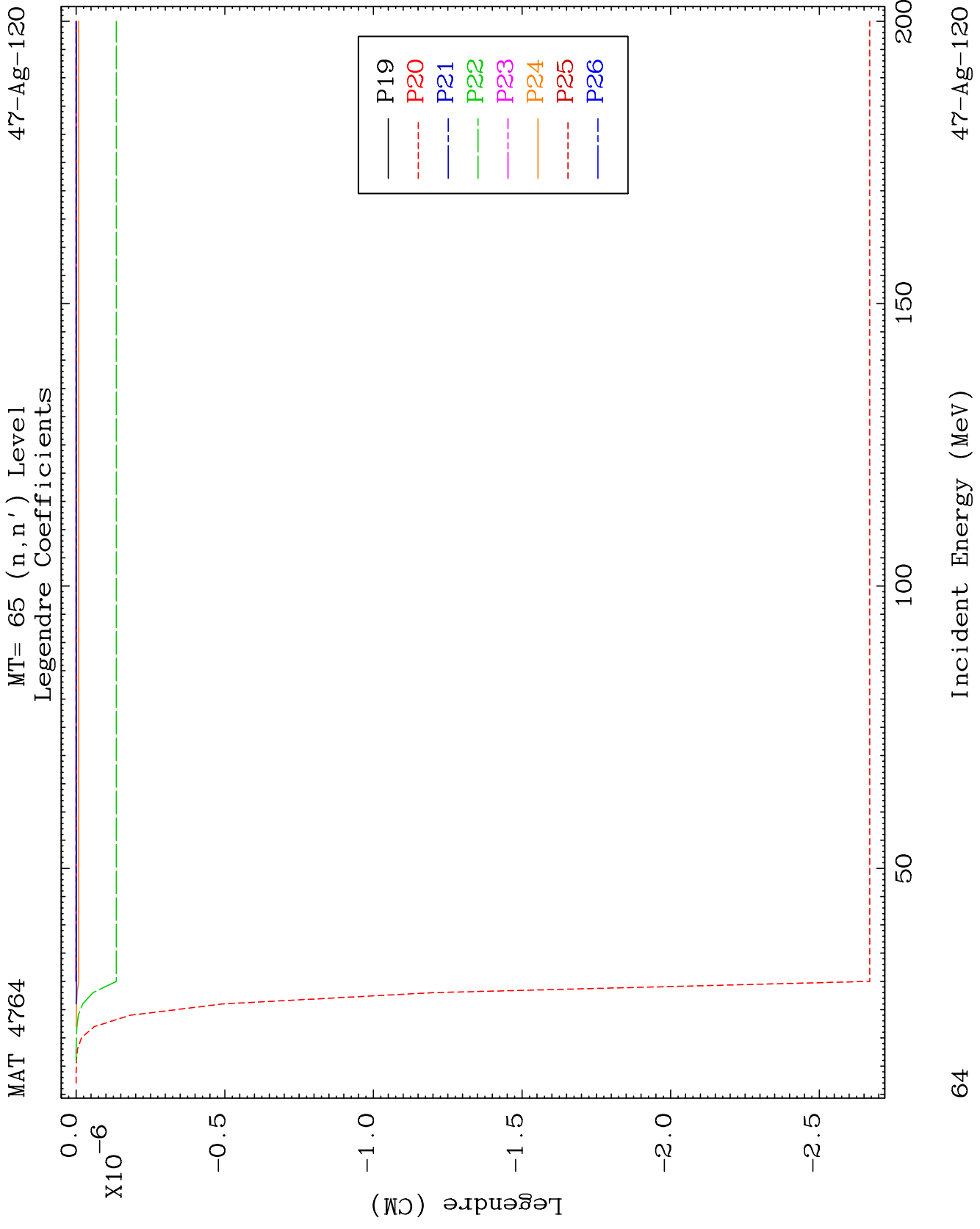
47-Ag-120

MAT 4764

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

47-Ag-120



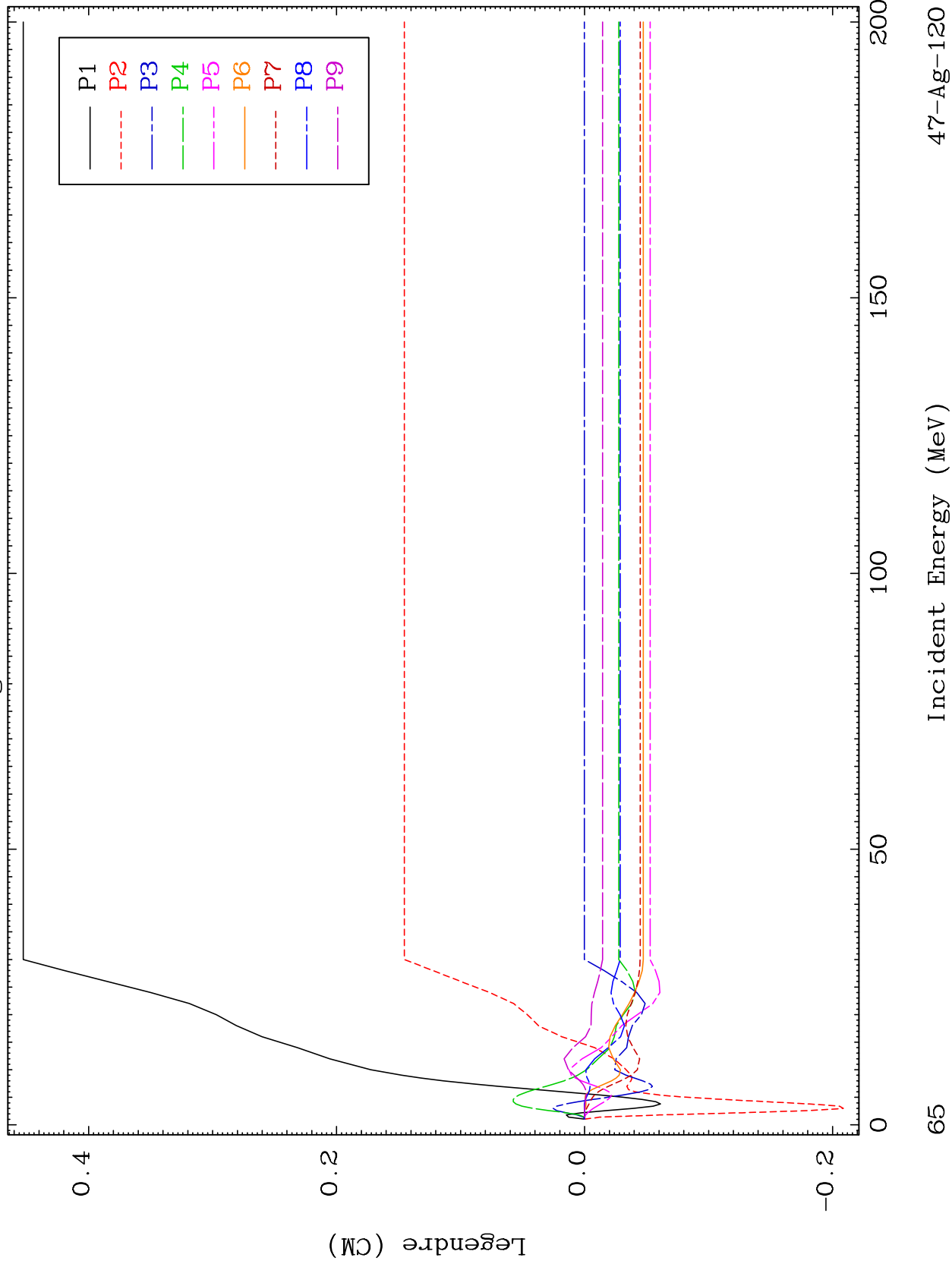


MAT 4764

MT= 66 (n,n') Level

47-Ag-120

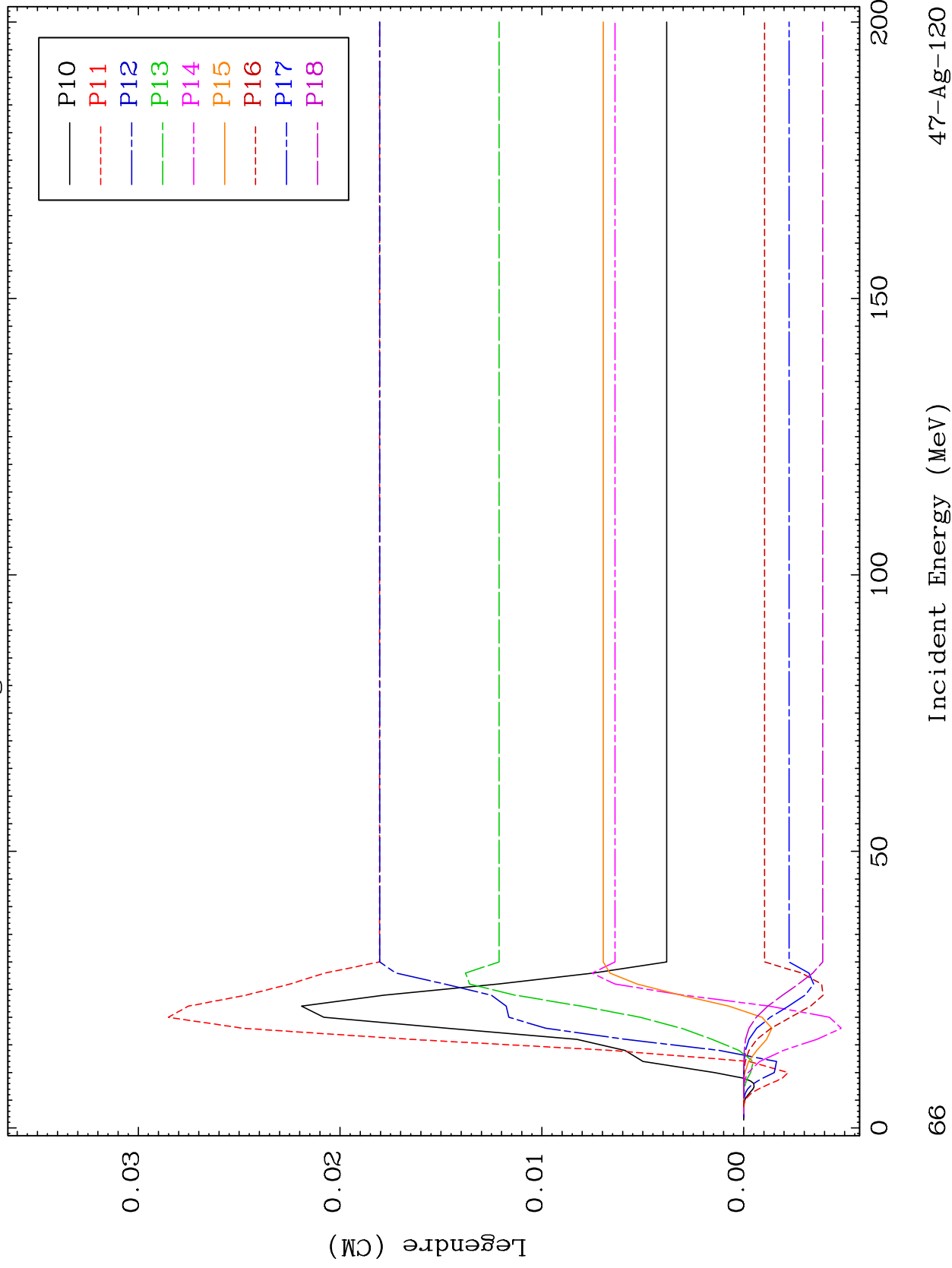
Legendre Coefficients



MAT 4764

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

47-Ag-120



47-Ag-120

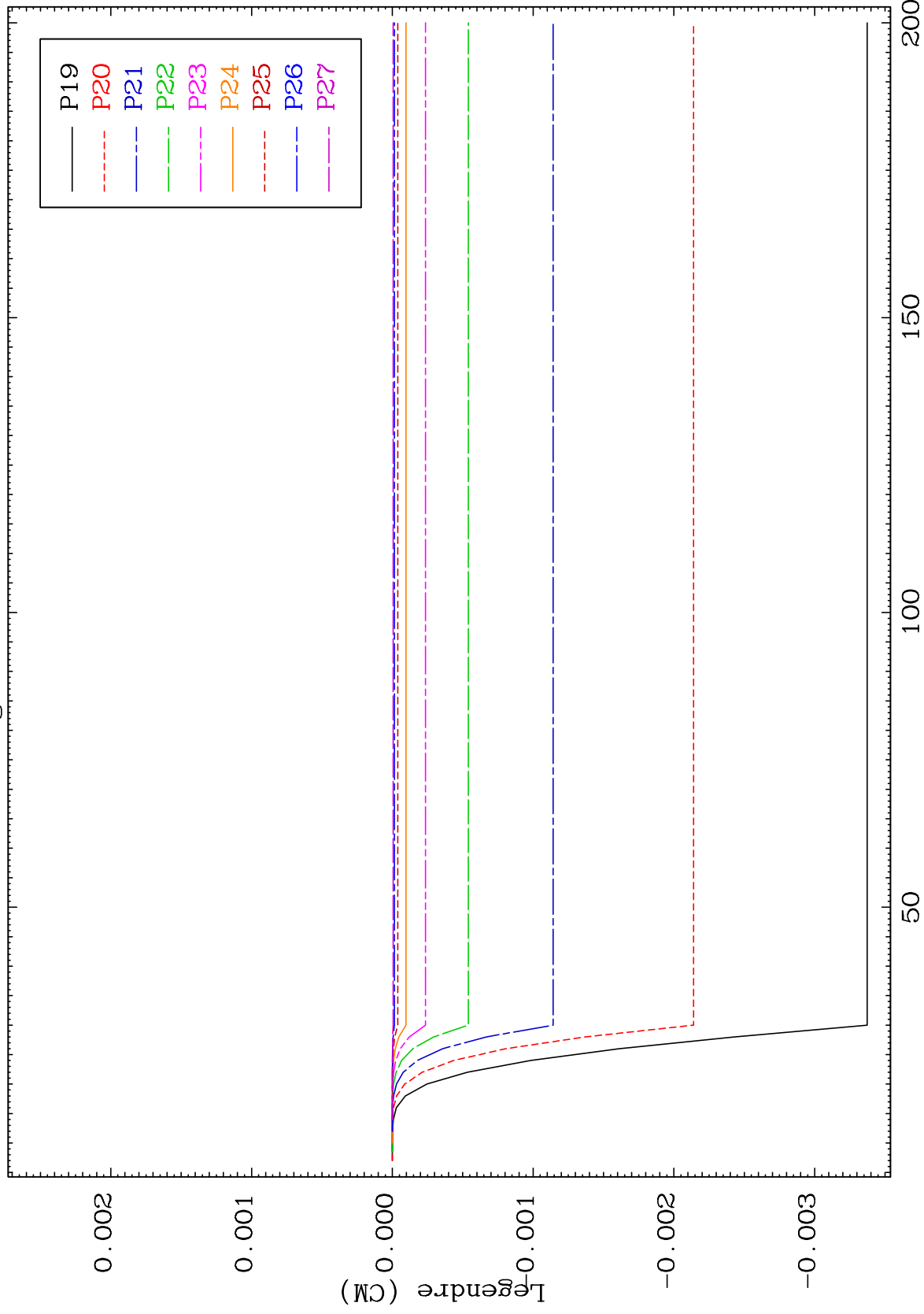
Incident Energy (MeV)

66

MAT 4764

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

47-Ag-120



67

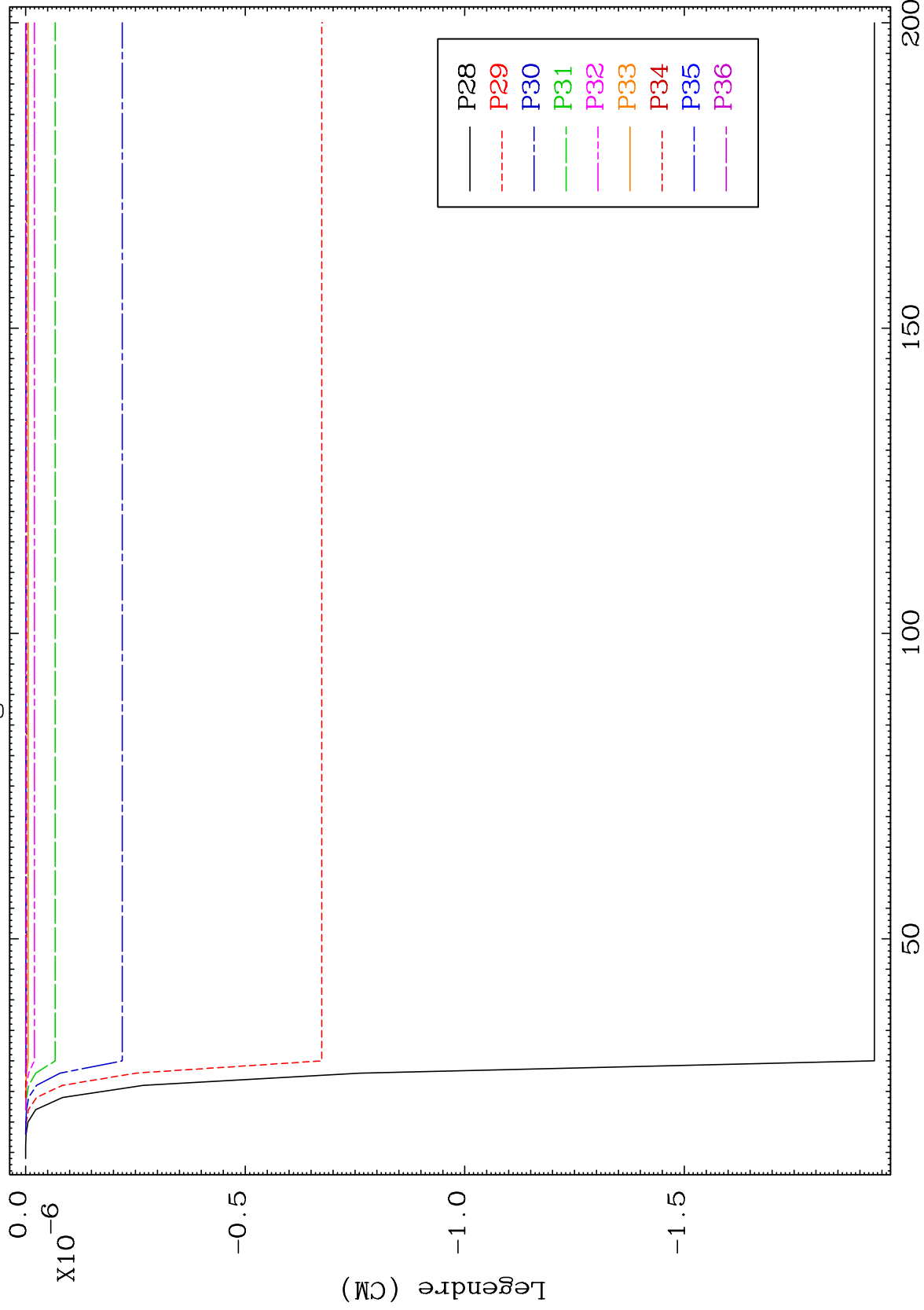
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



68

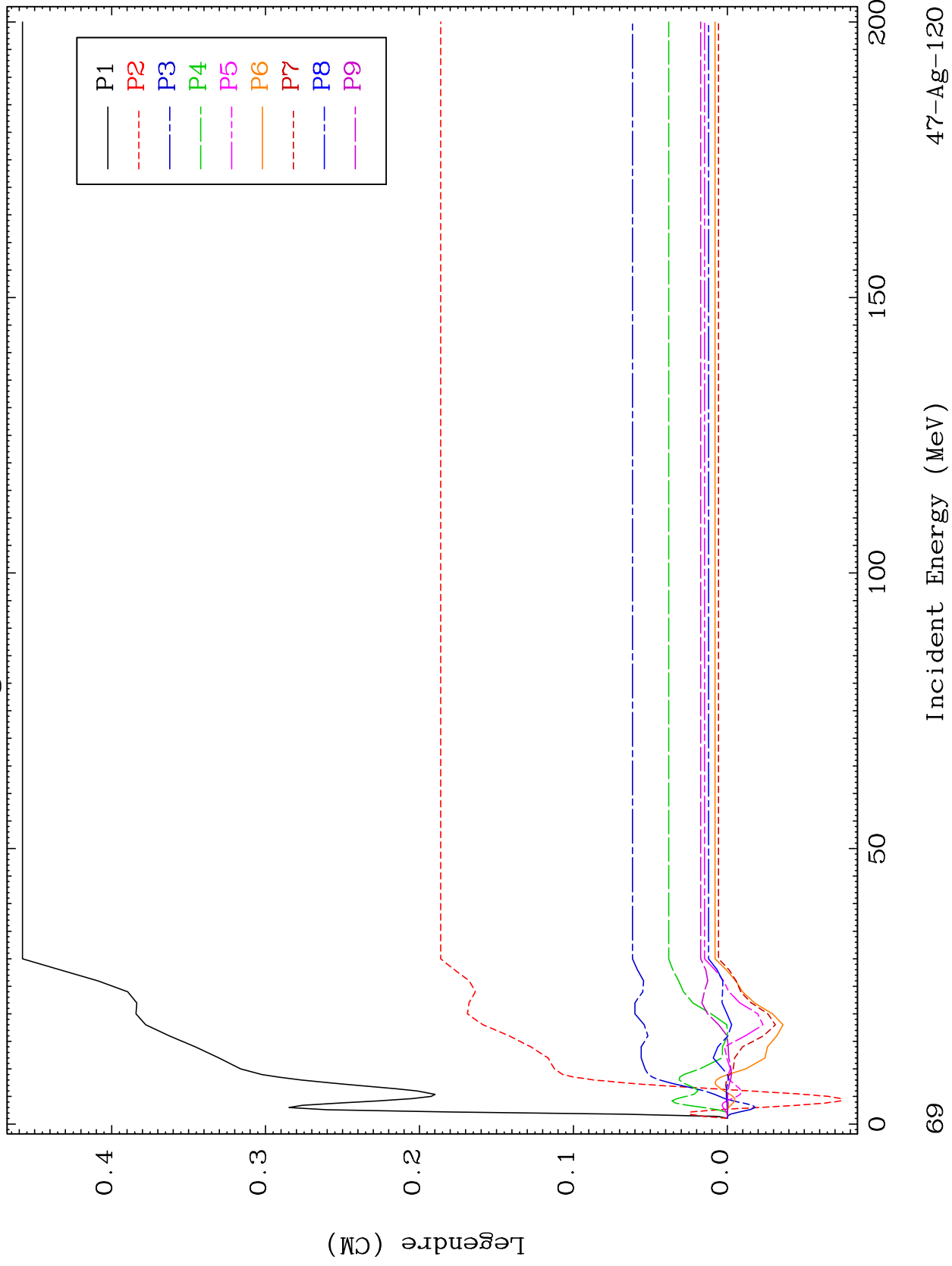
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



47-Ag-120

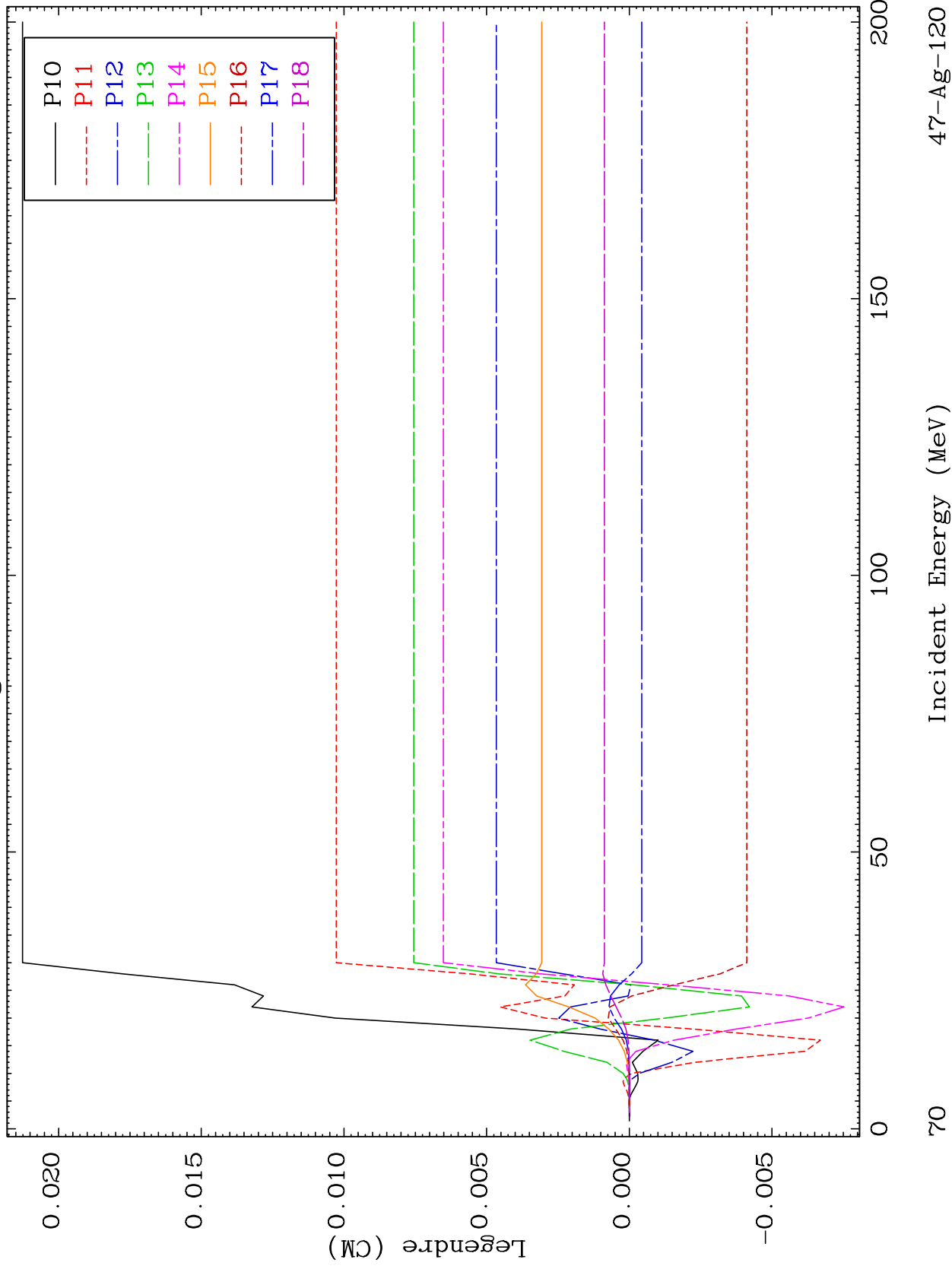
Incident Energy (MeV)

69

MAT 4764

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

47-Ag-120



47-Ag-120

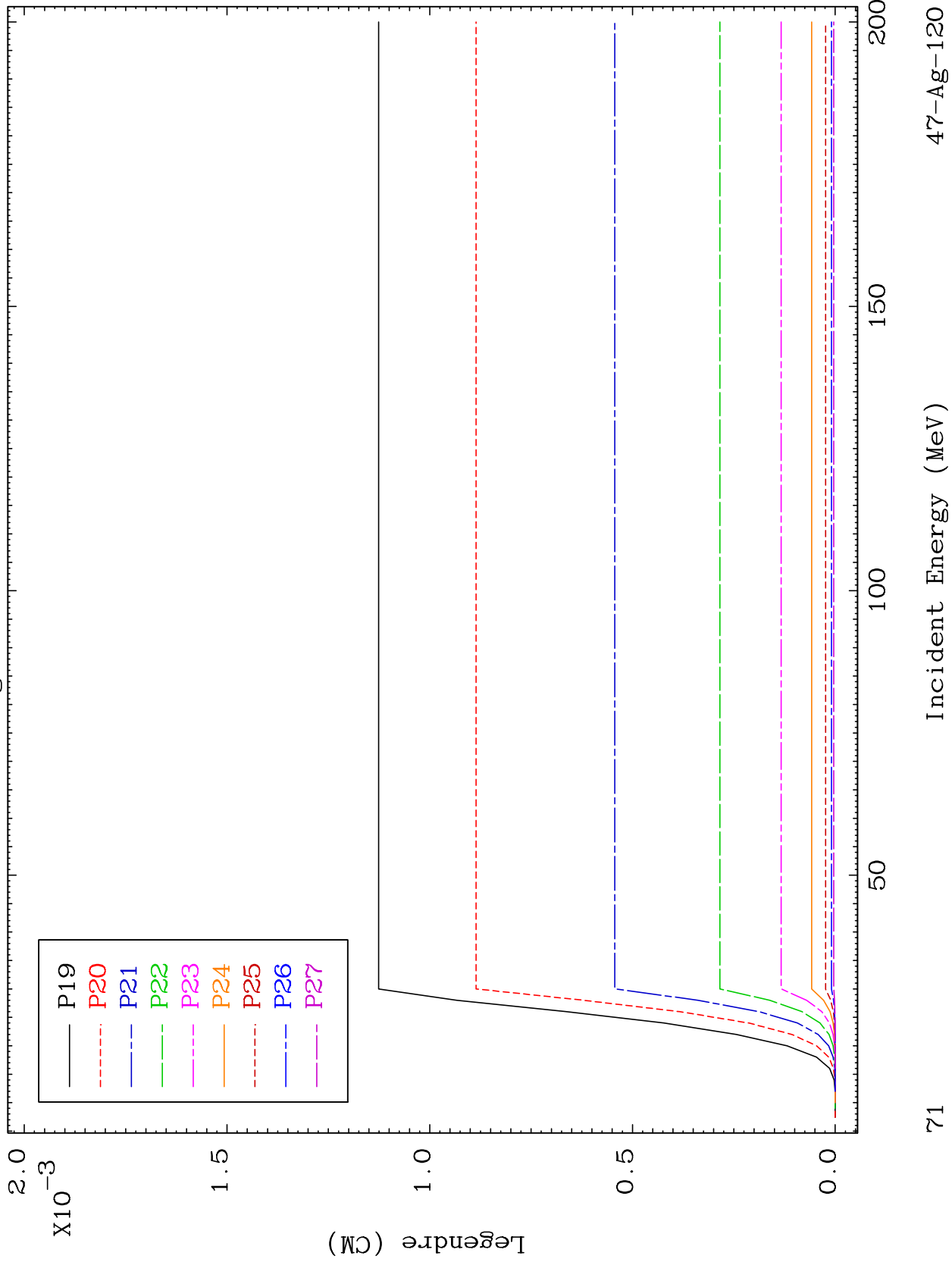
Incident Energy (MeV)

70

MAT 4764

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

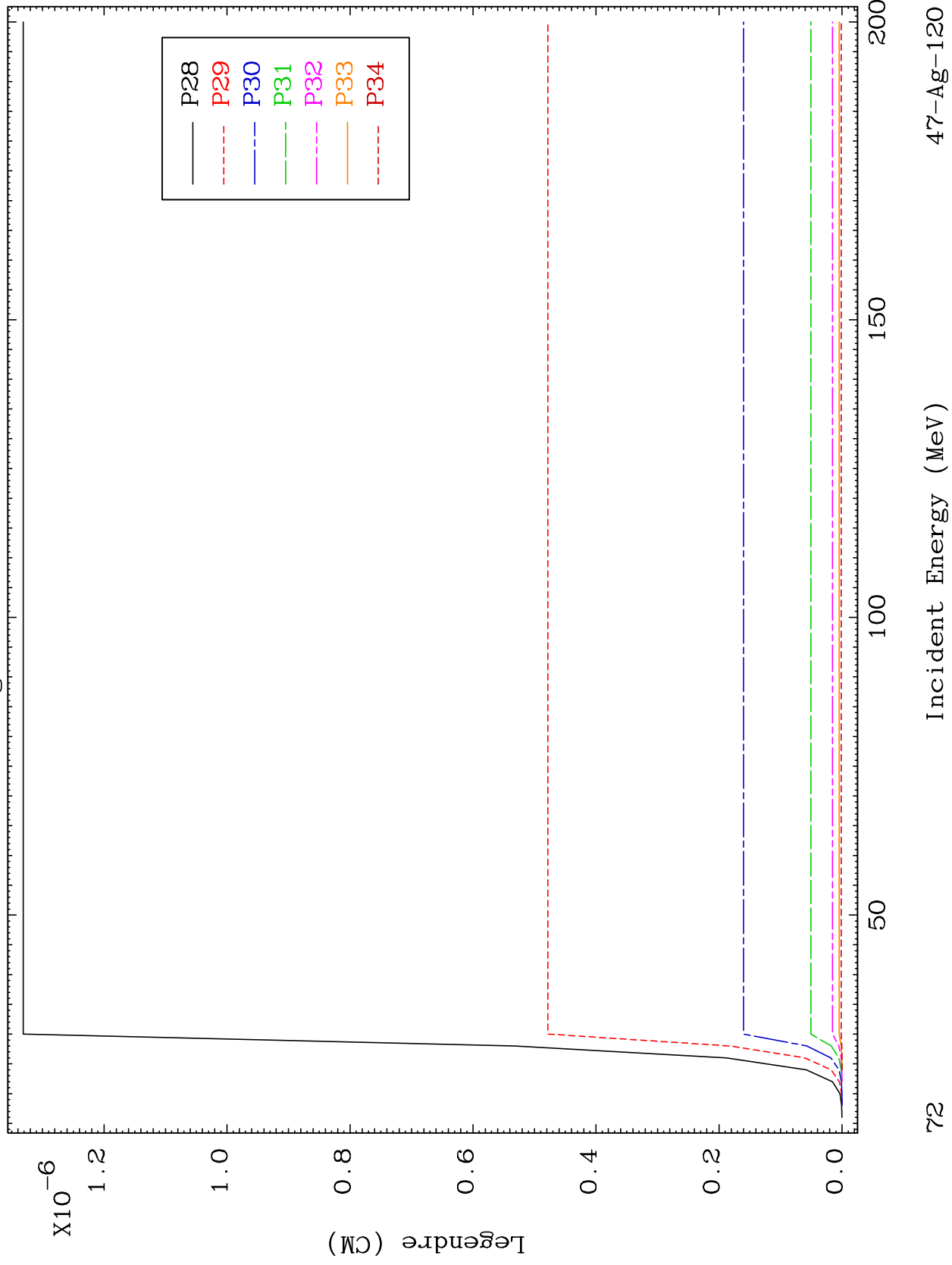
47-Ag-120



MAT 4764

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

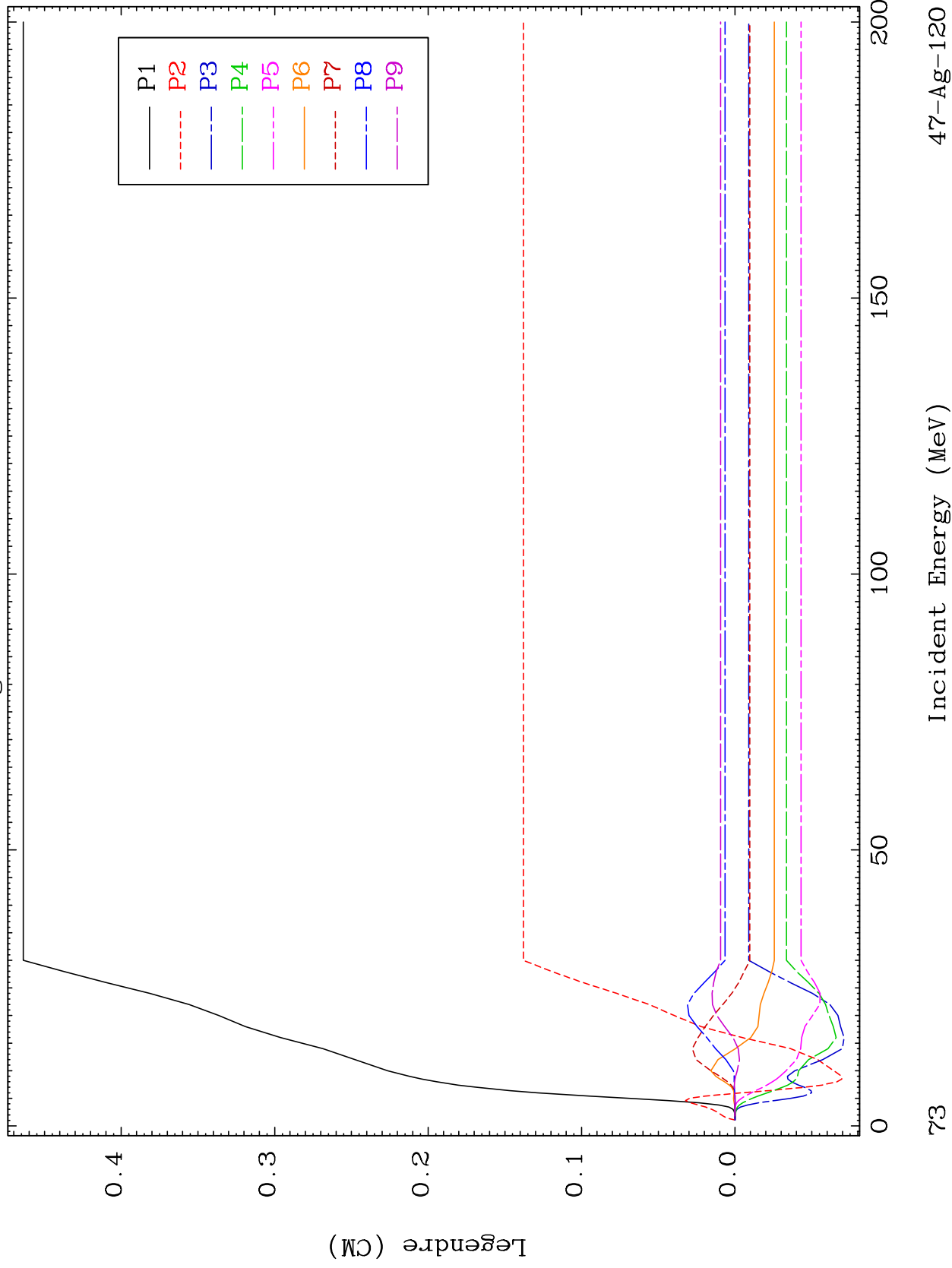
47-Ag-120



MAT 4764

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

47-Ag-120



73

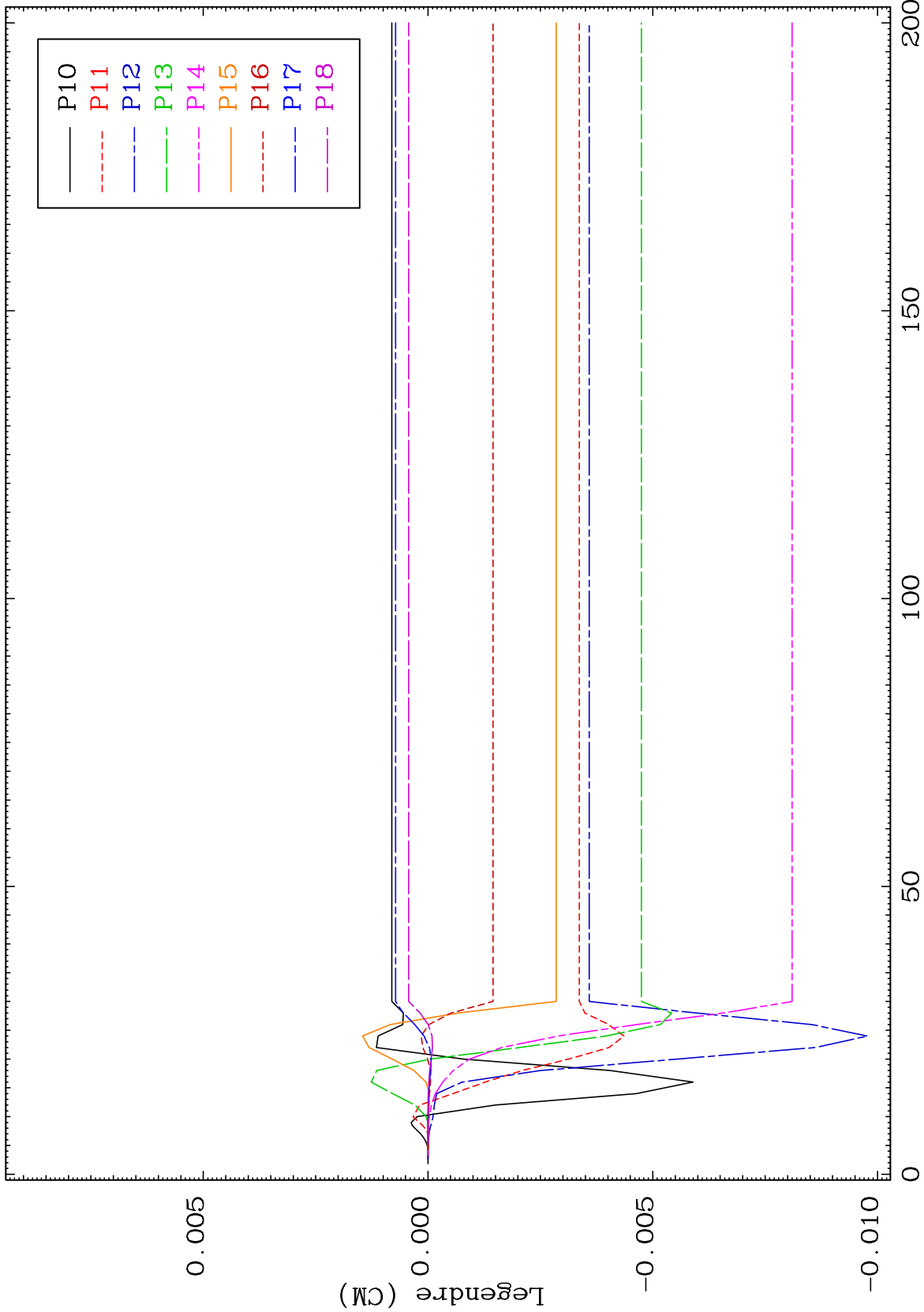
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



74

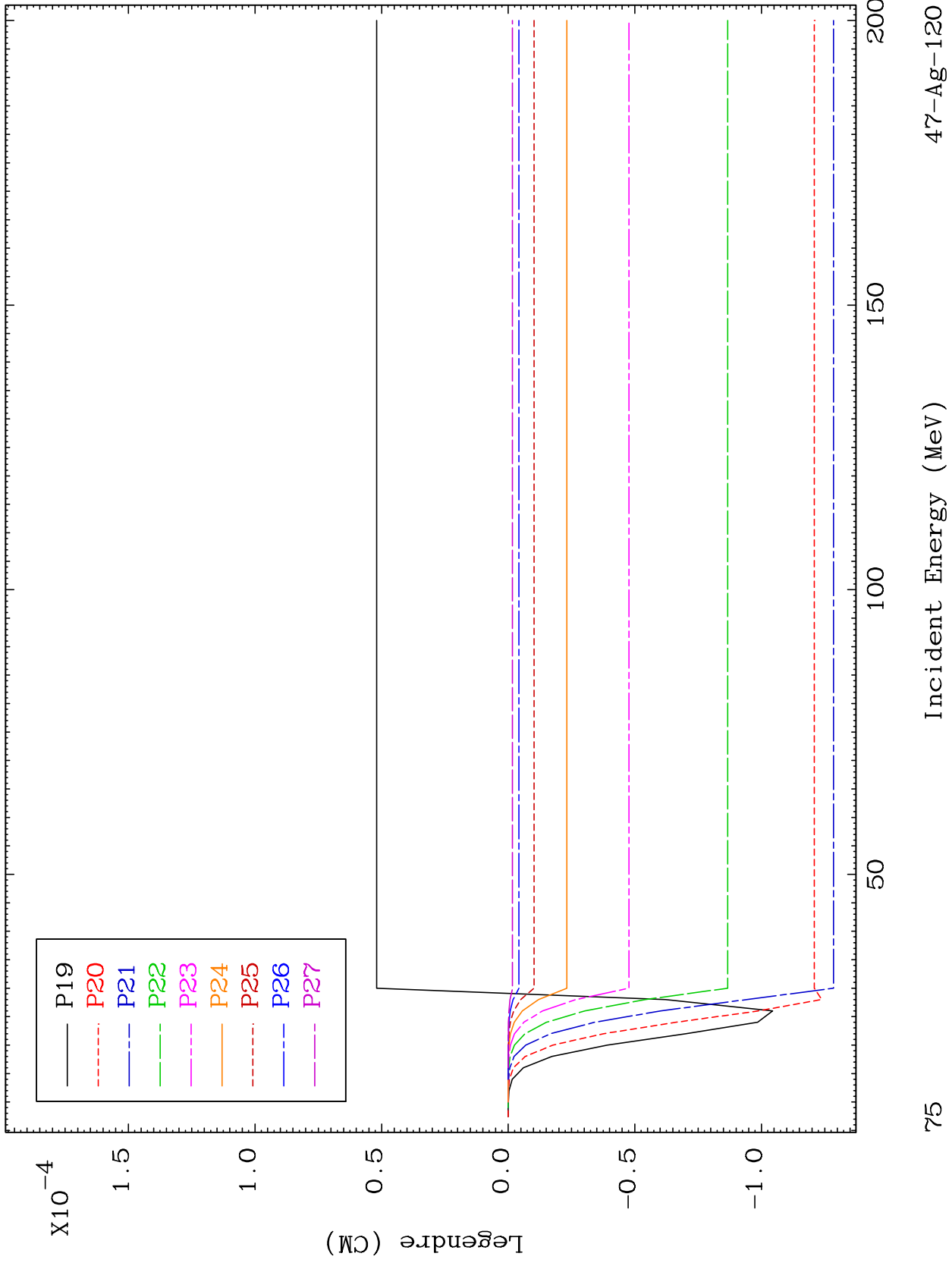
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

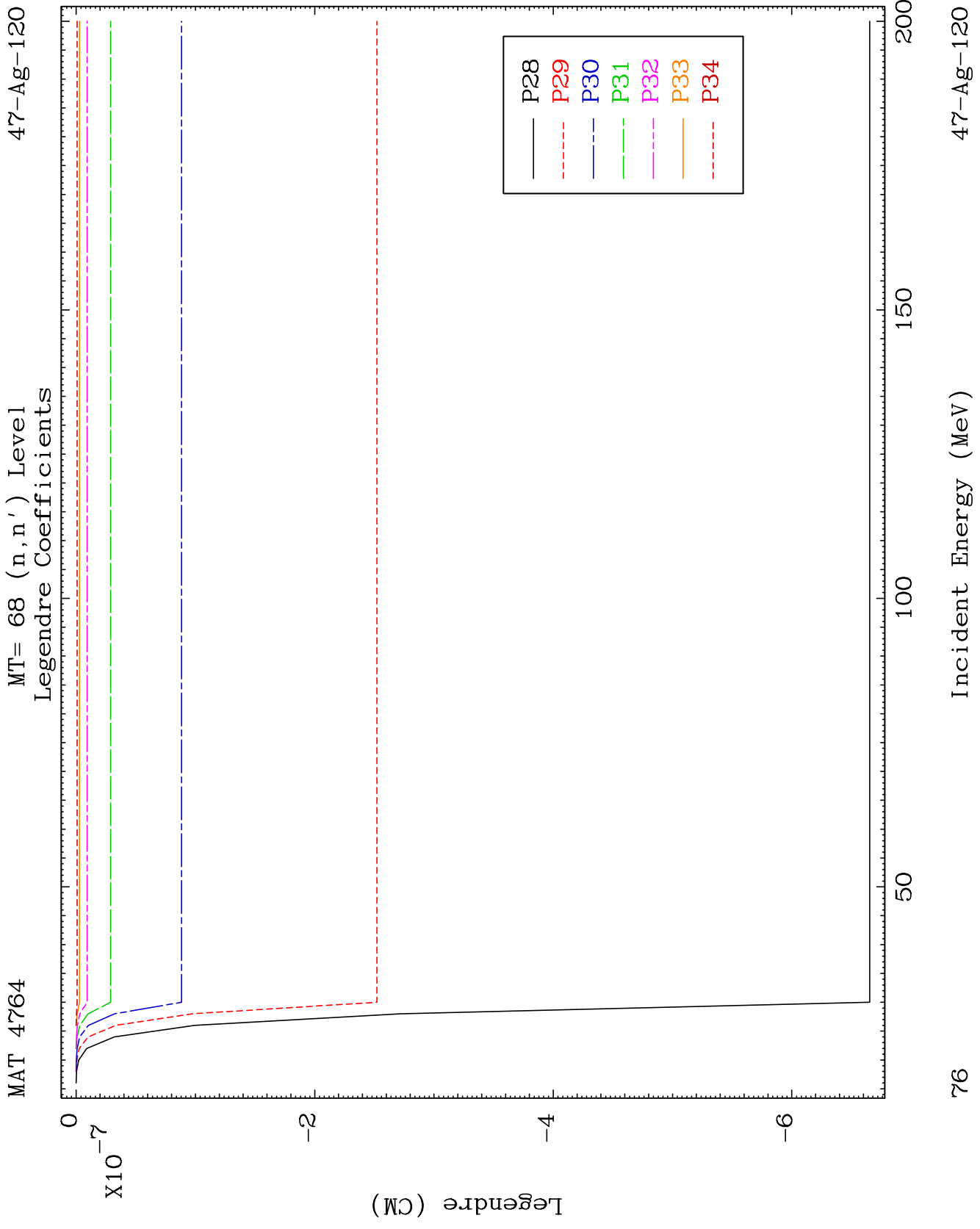
47-Ag-120



75

Incident Energy (MeV)

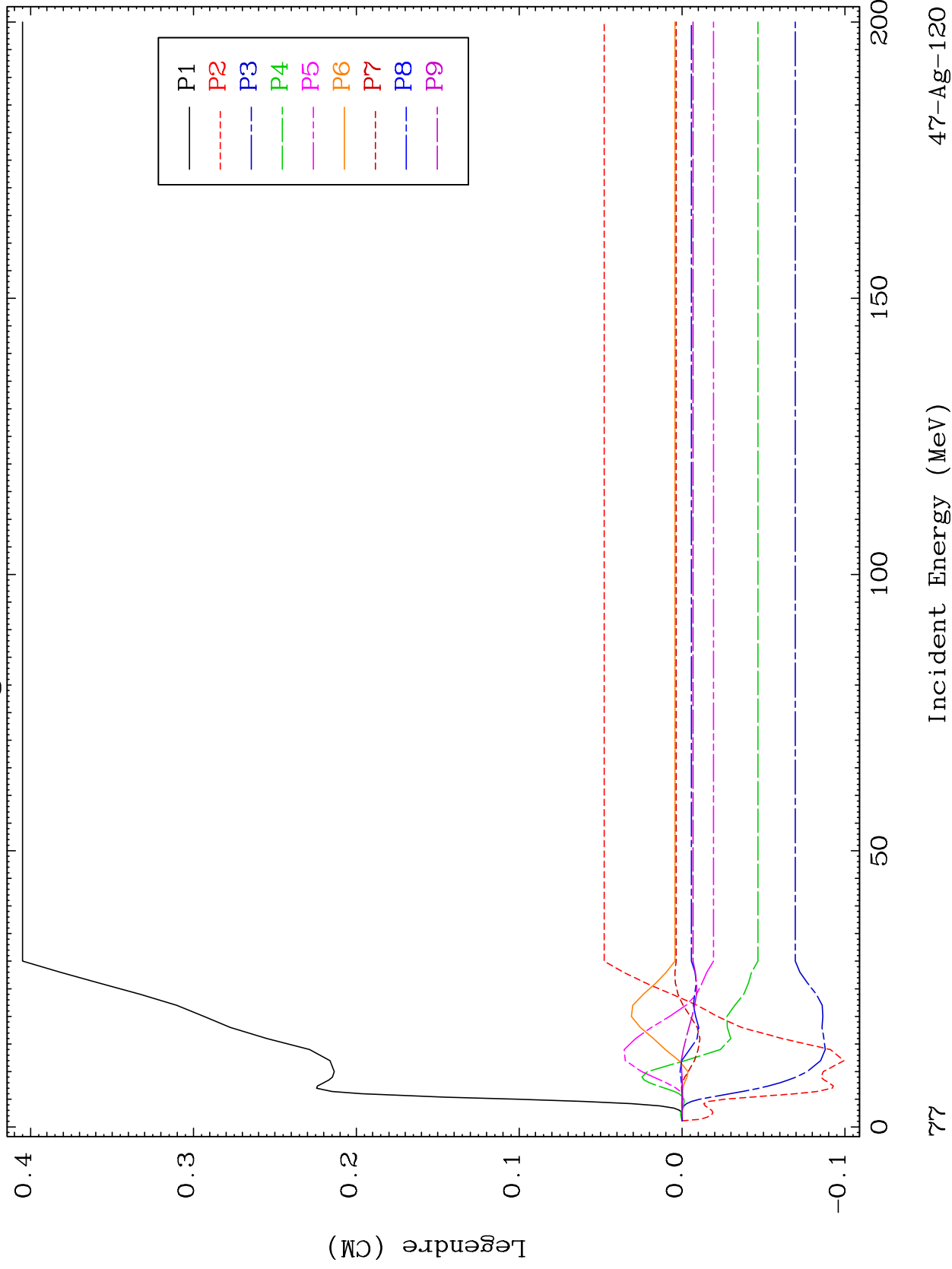
47-Ag-120



MAT 4764

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

47-Ag-120



77

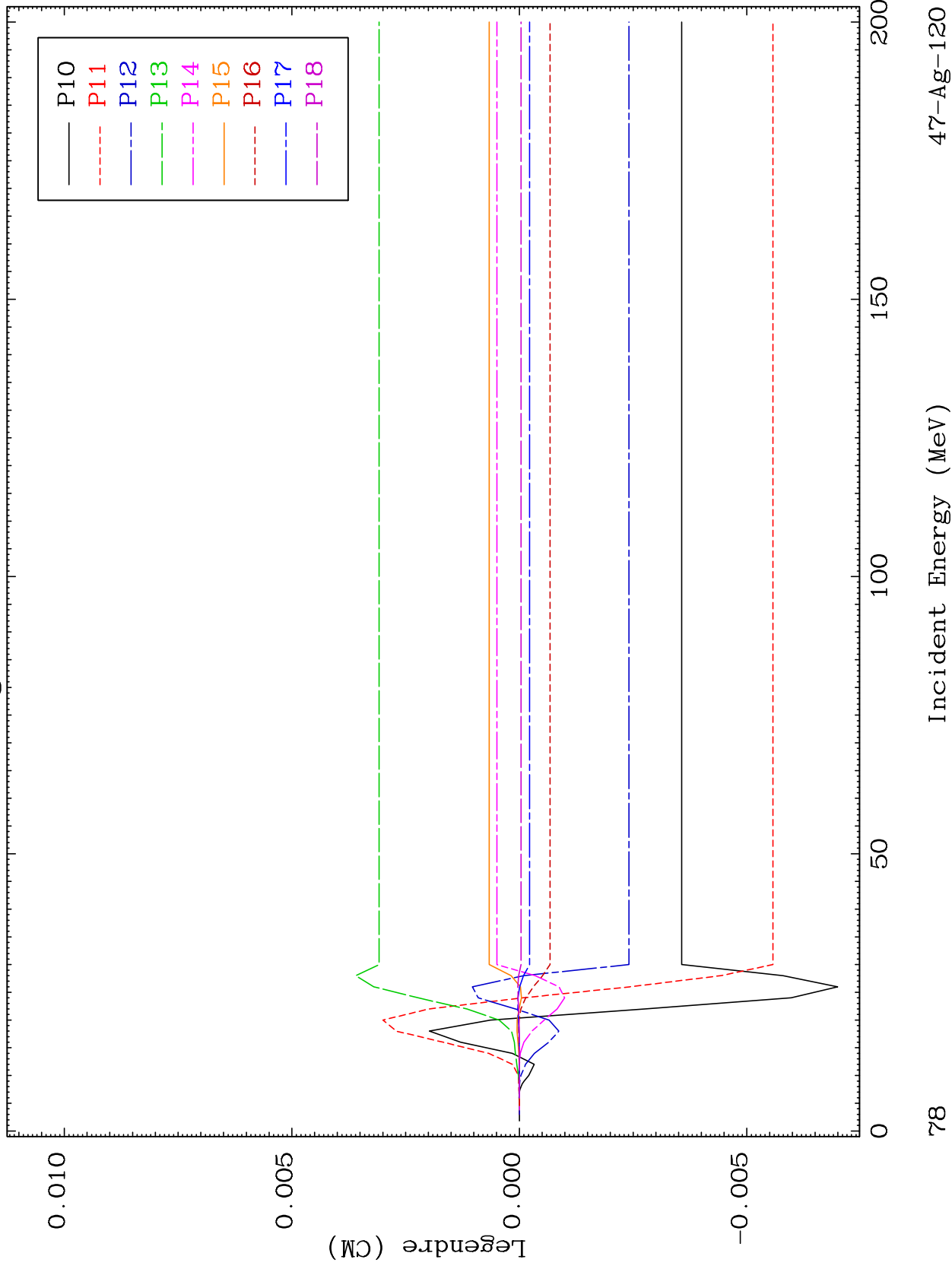
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



78

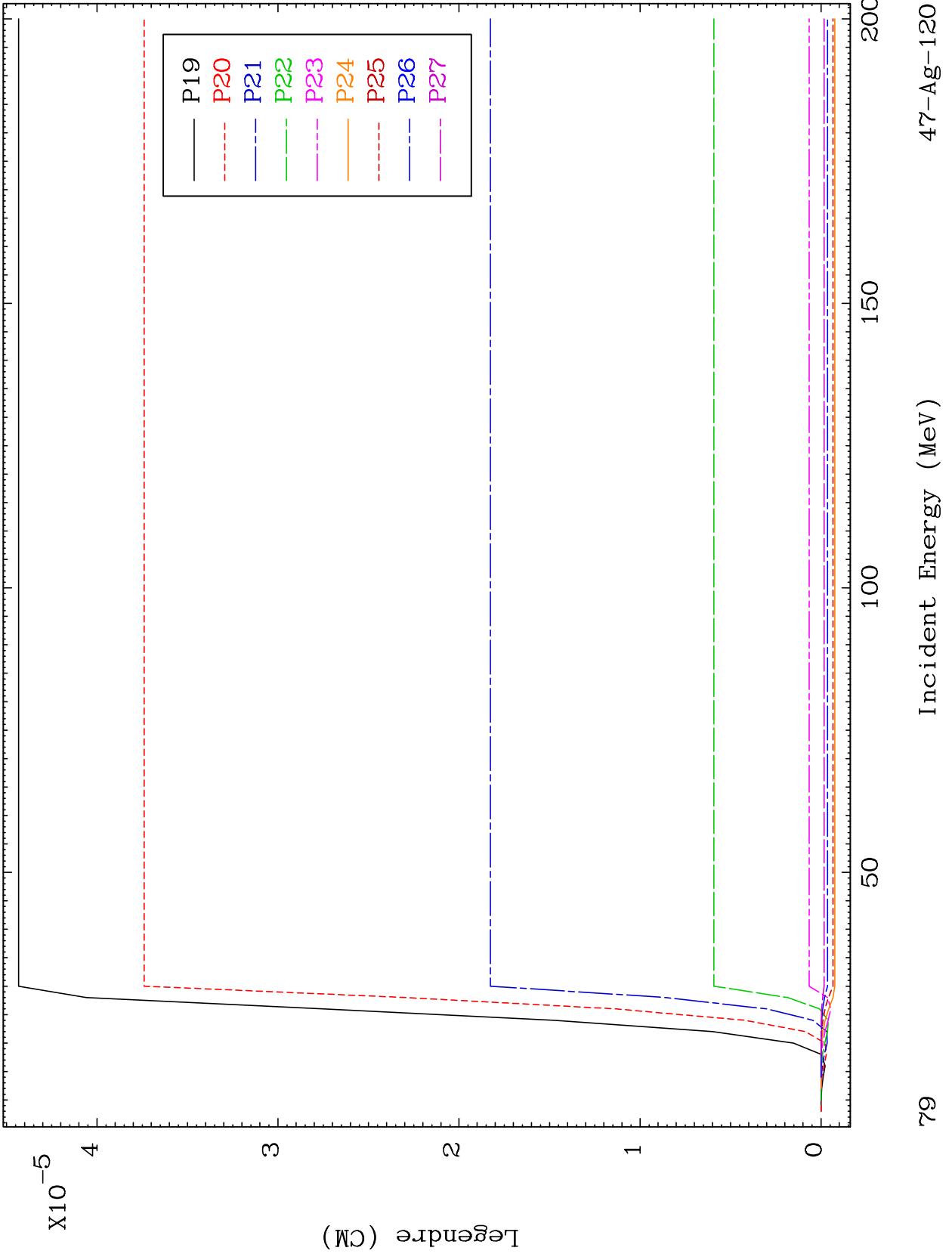
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

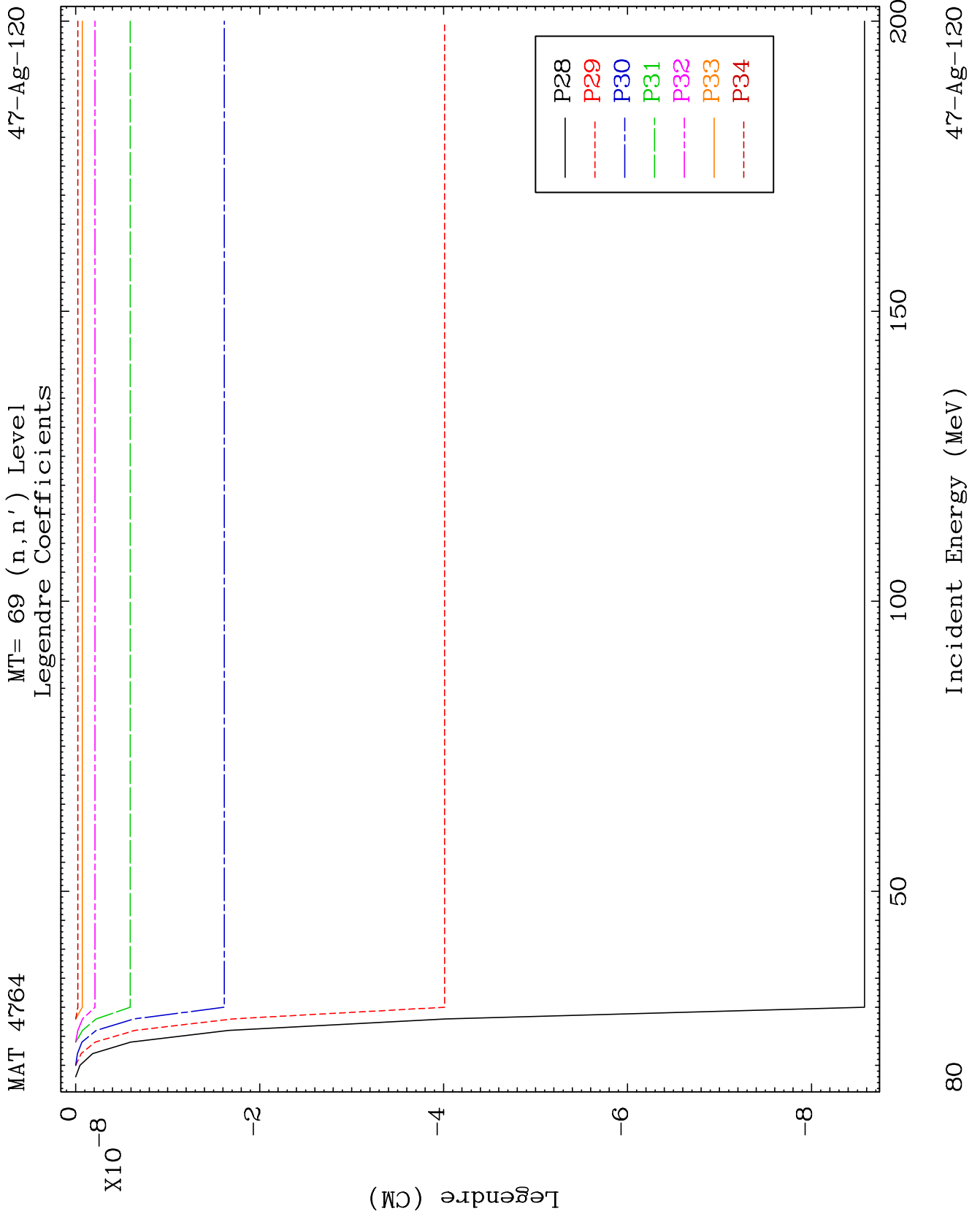
47-Ag-120



79

Incident Energy (MeV)

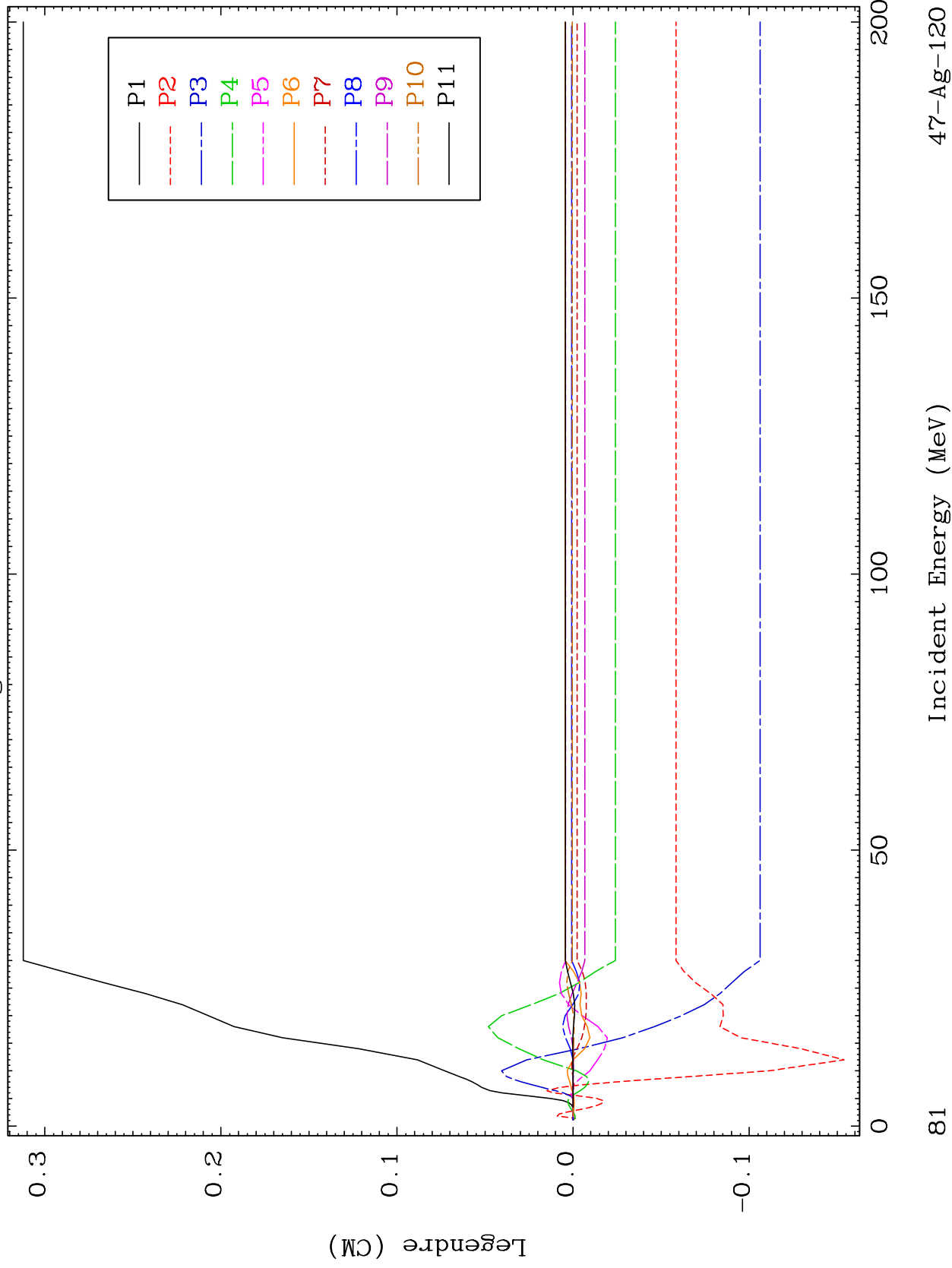
47-Ag-120



MAT 4764

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

47-Ag-120



81

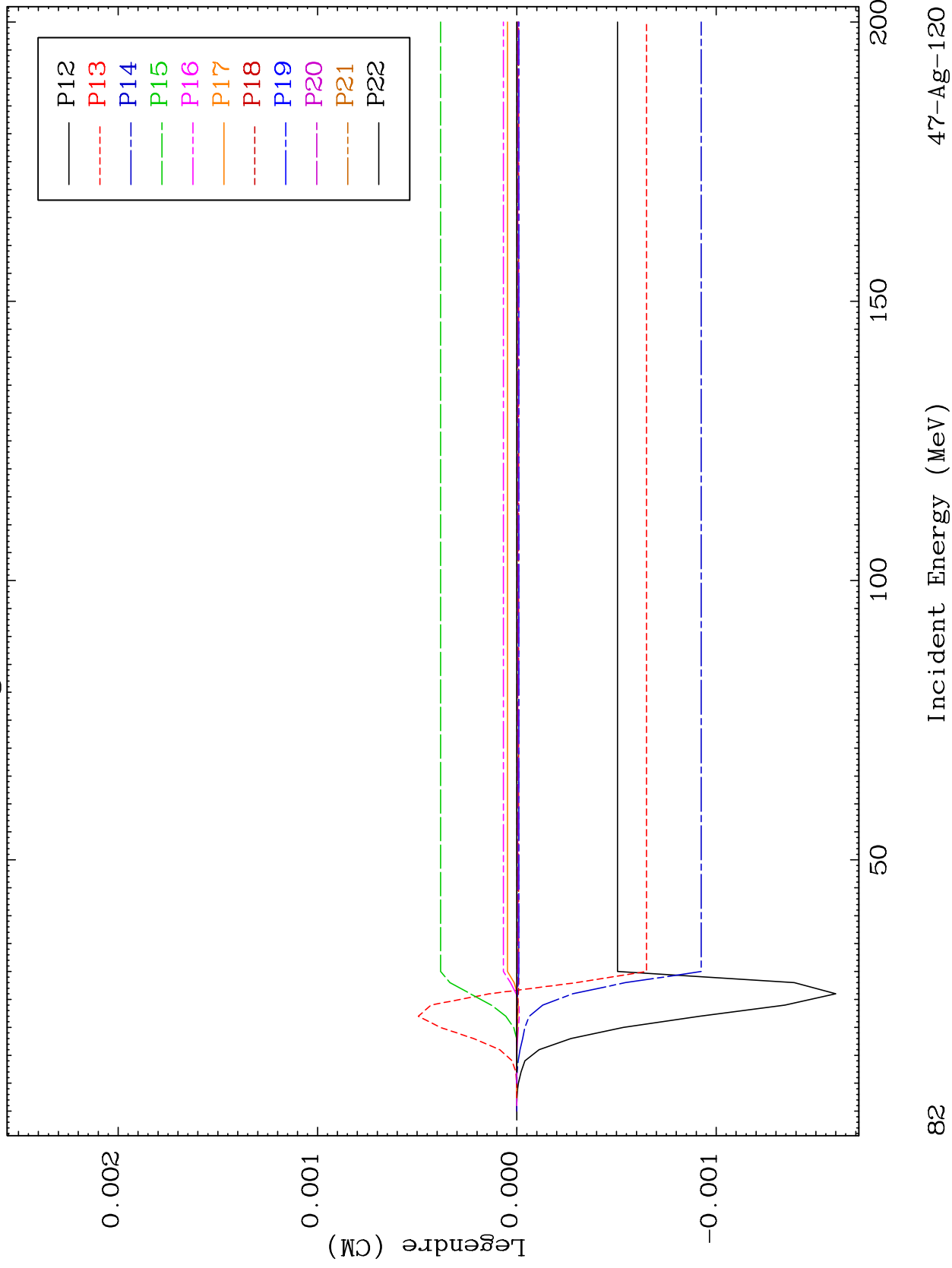
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



82

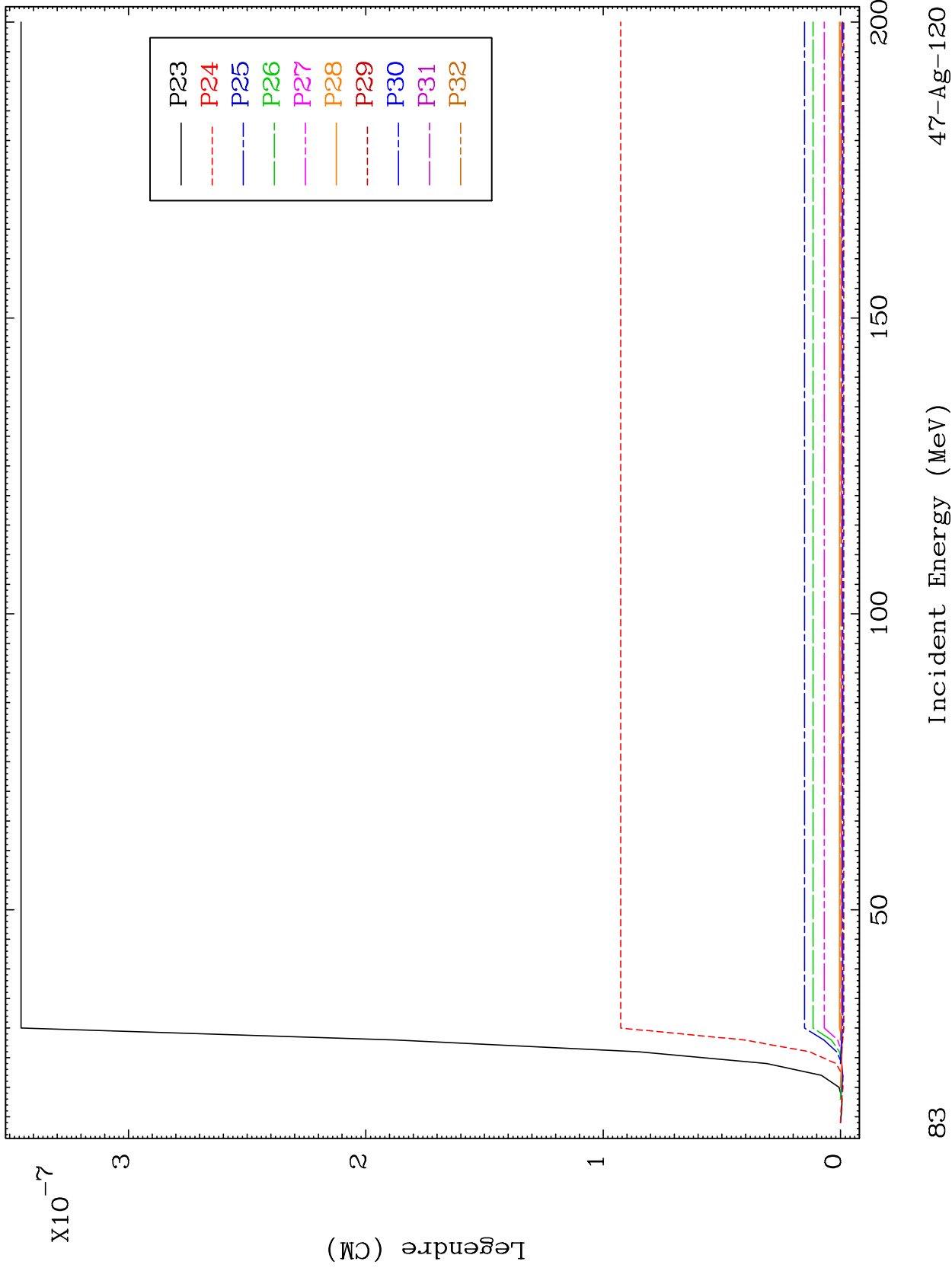
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

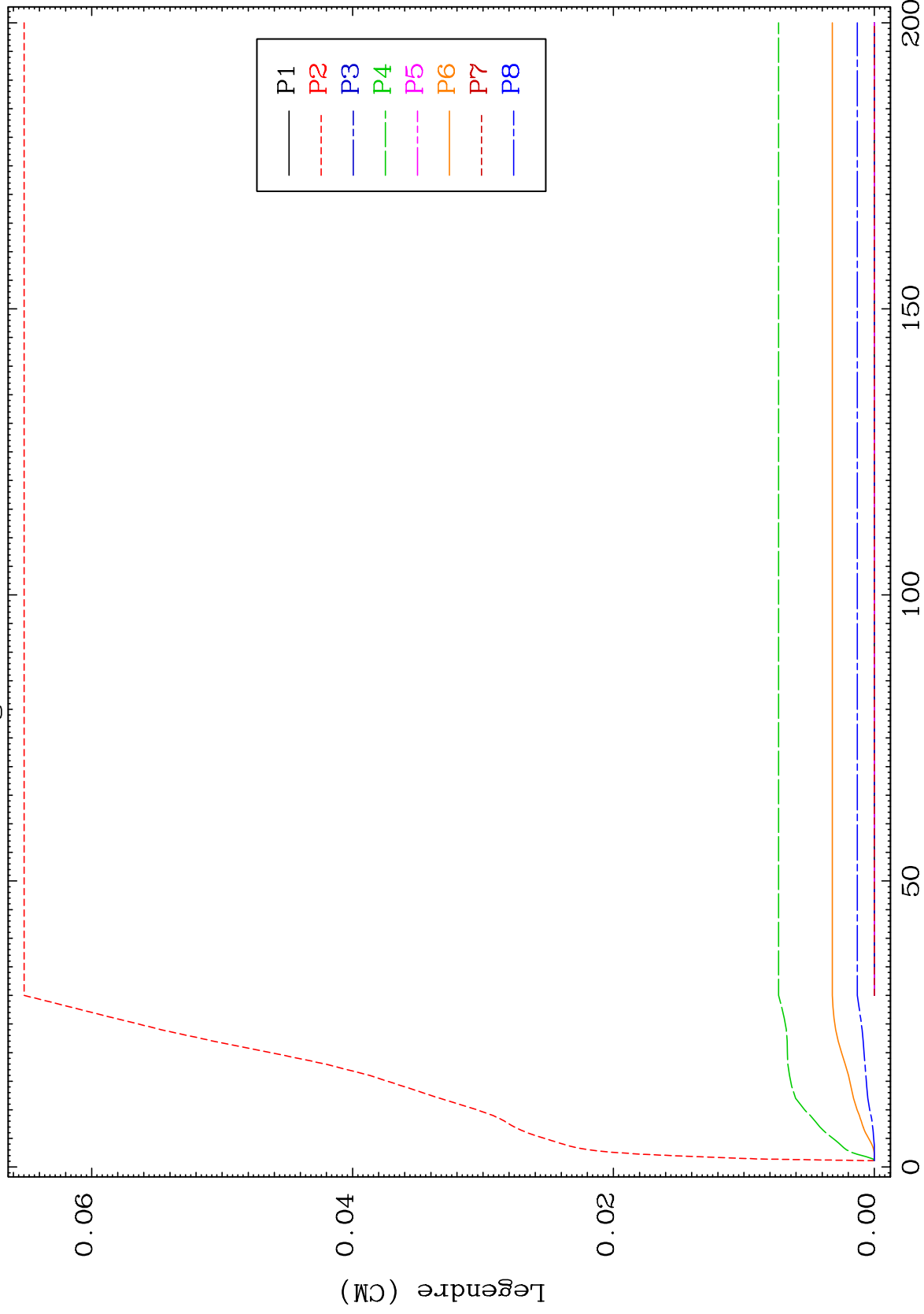
47-Ag-120



MAT 4764

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

47-Ag-120



84

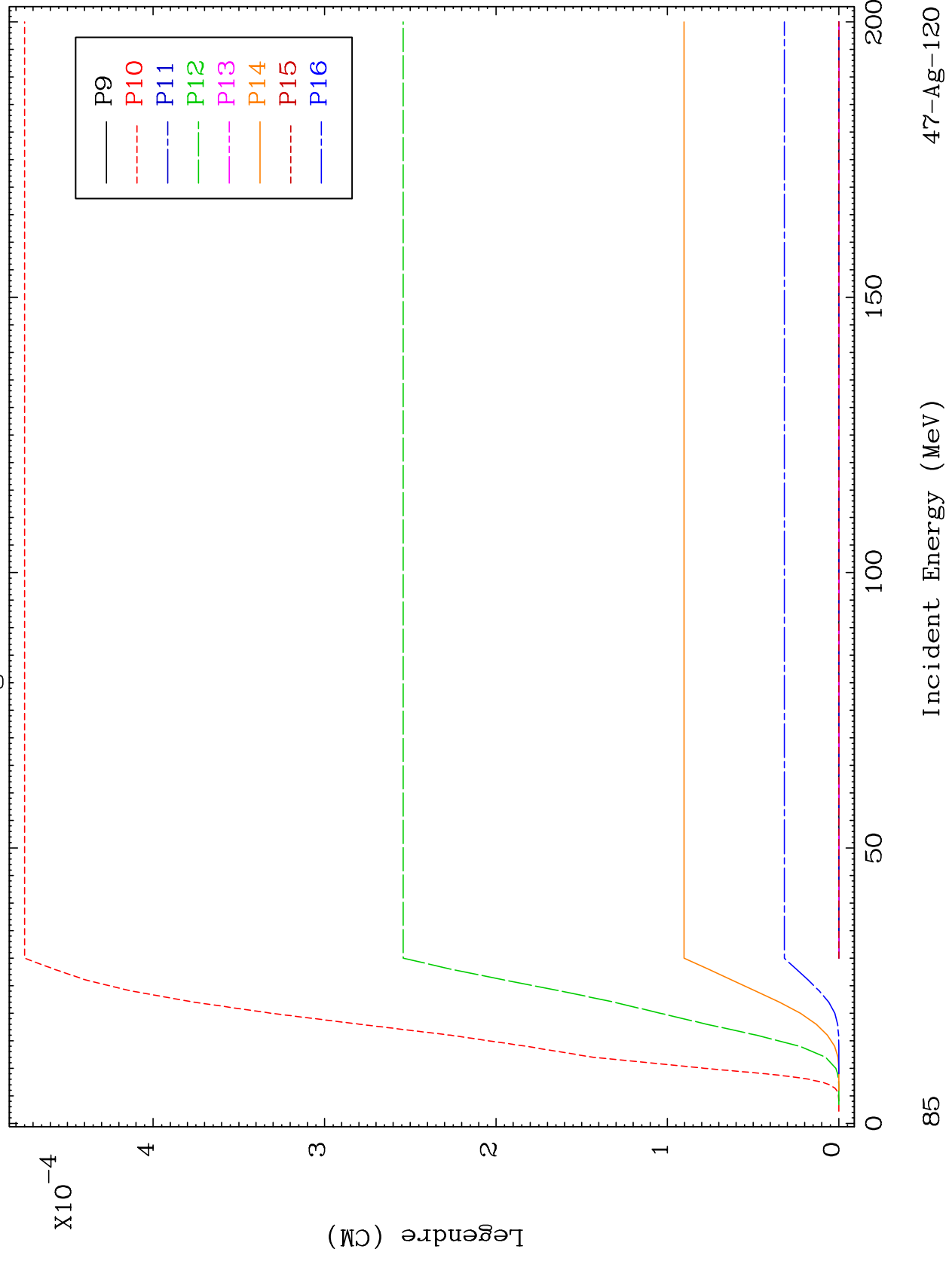
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

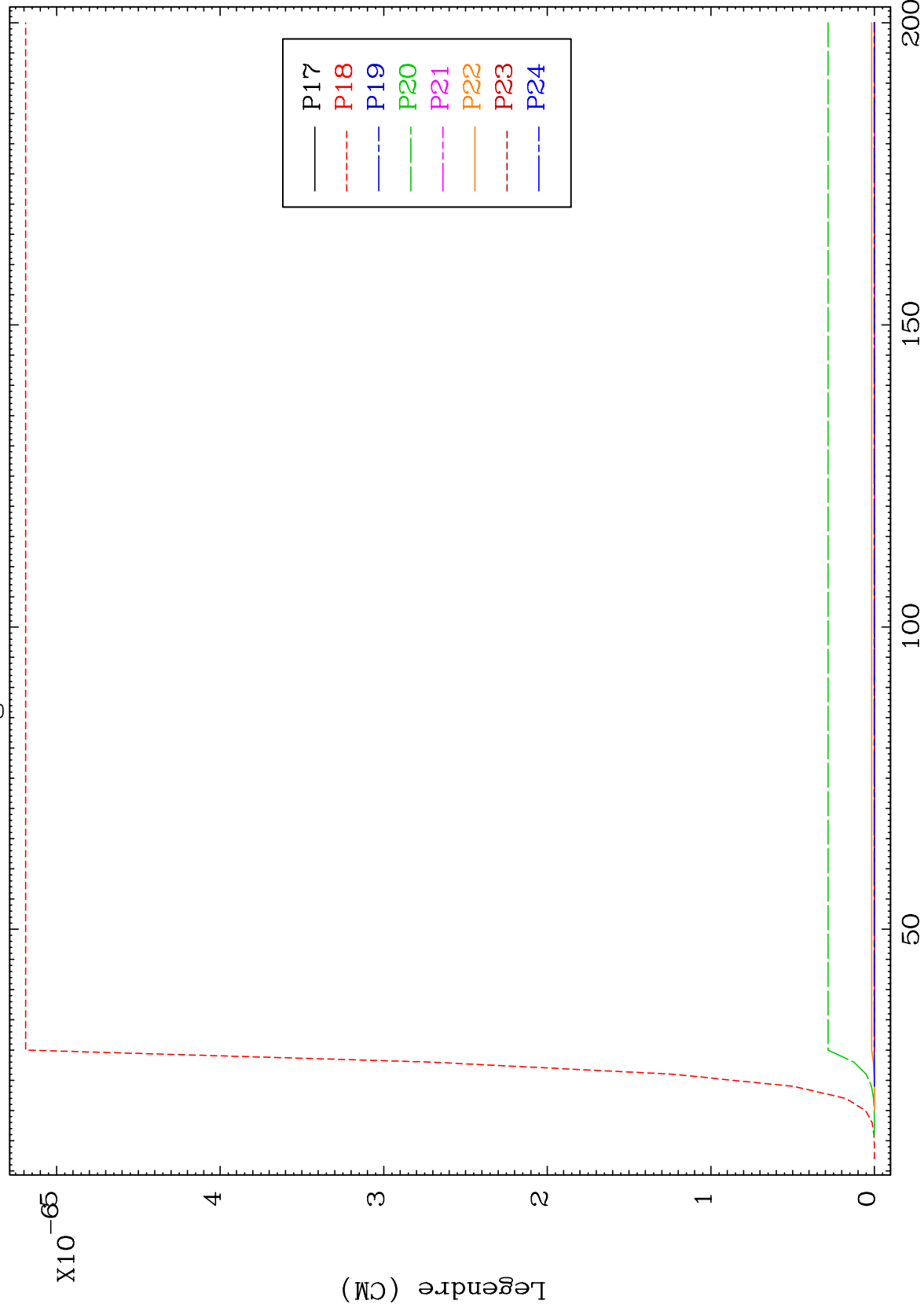
47-Ag-120



MAT 4764

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

47-Ag-120



86

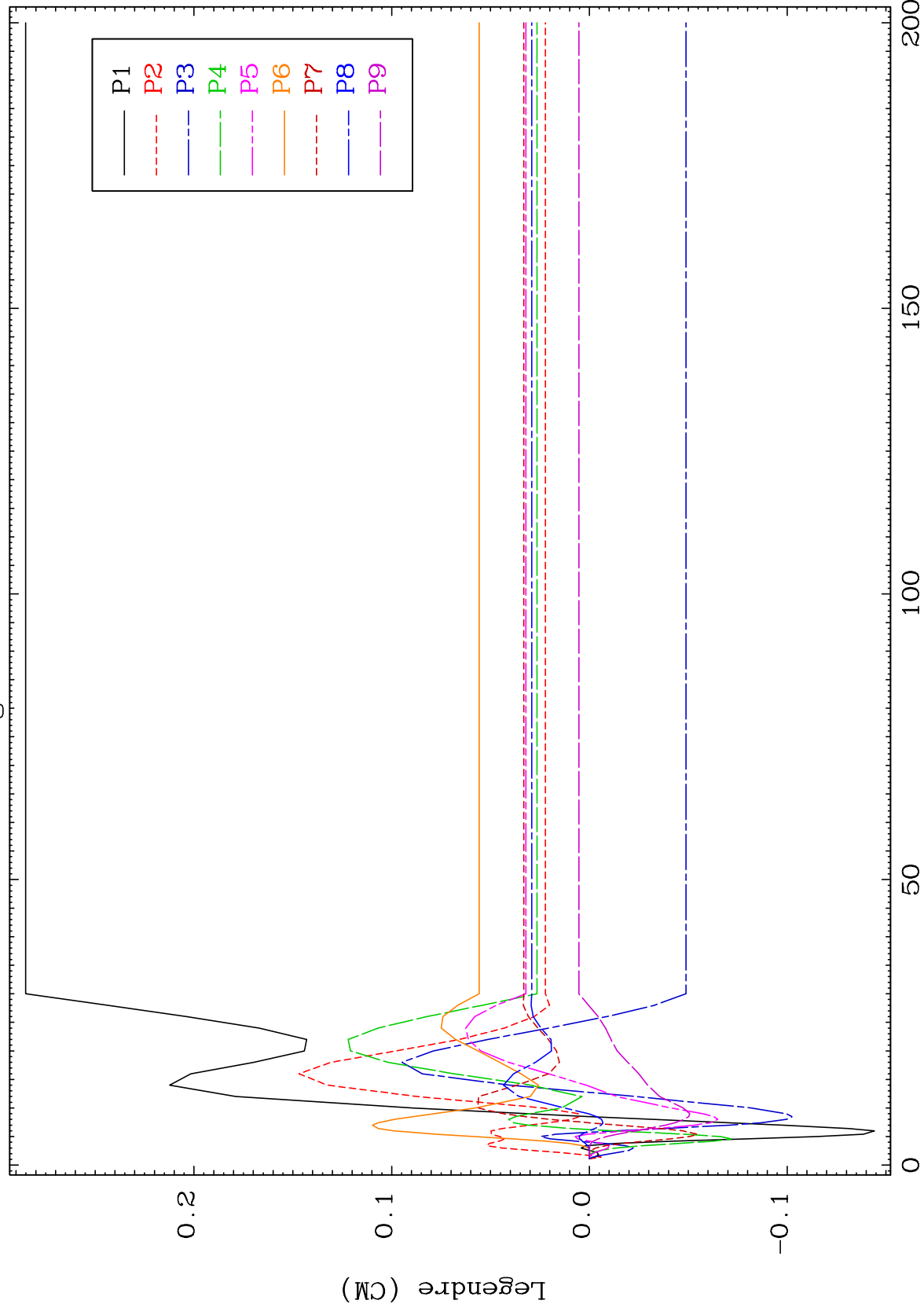
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



87

Incident Energy (MeV)

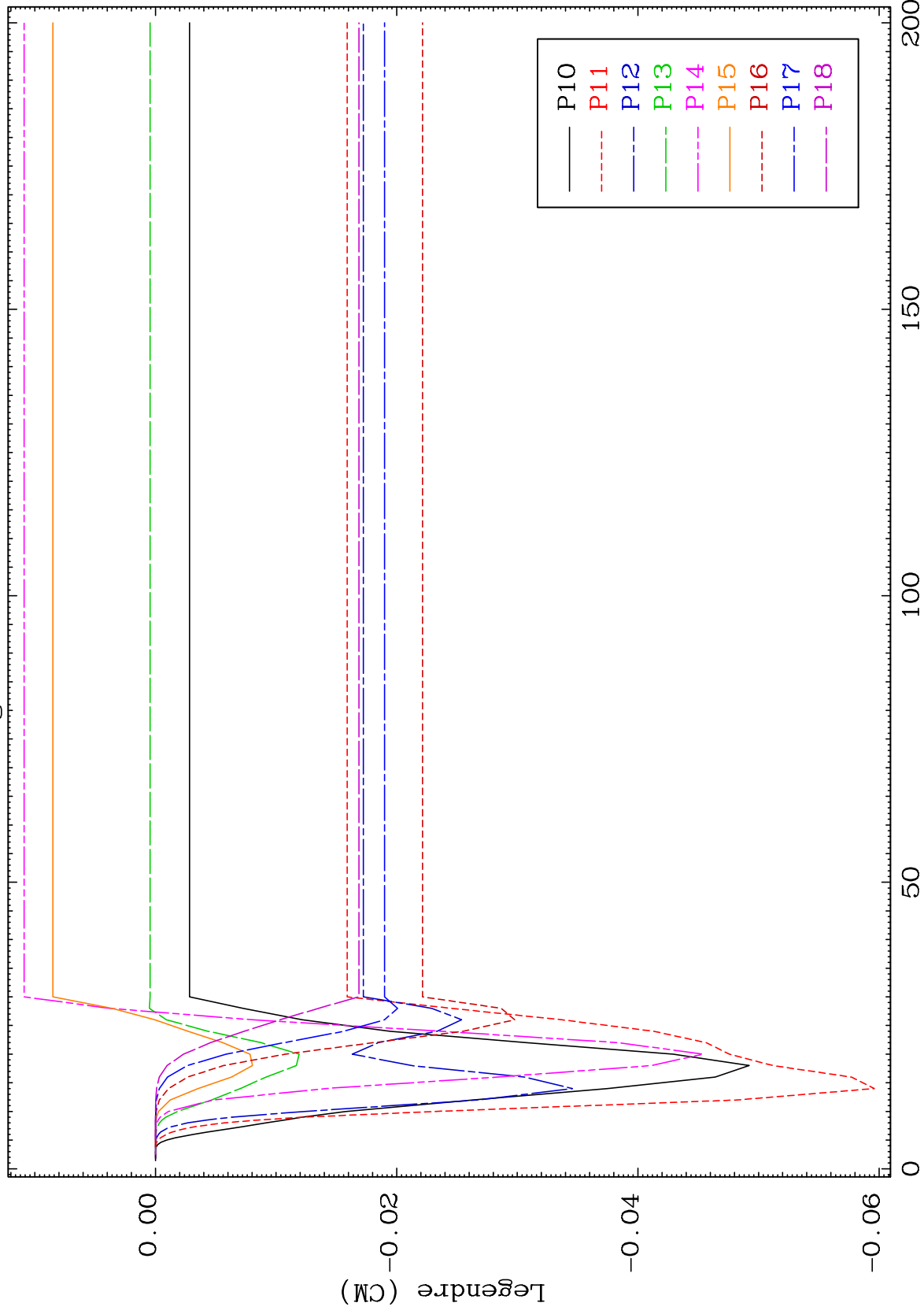
47-Ag-120

MAT 4764

MT= 72 (n,n') Level

47-Ag-120

Legendre Coefficients



88

Incident Energy (MeV)

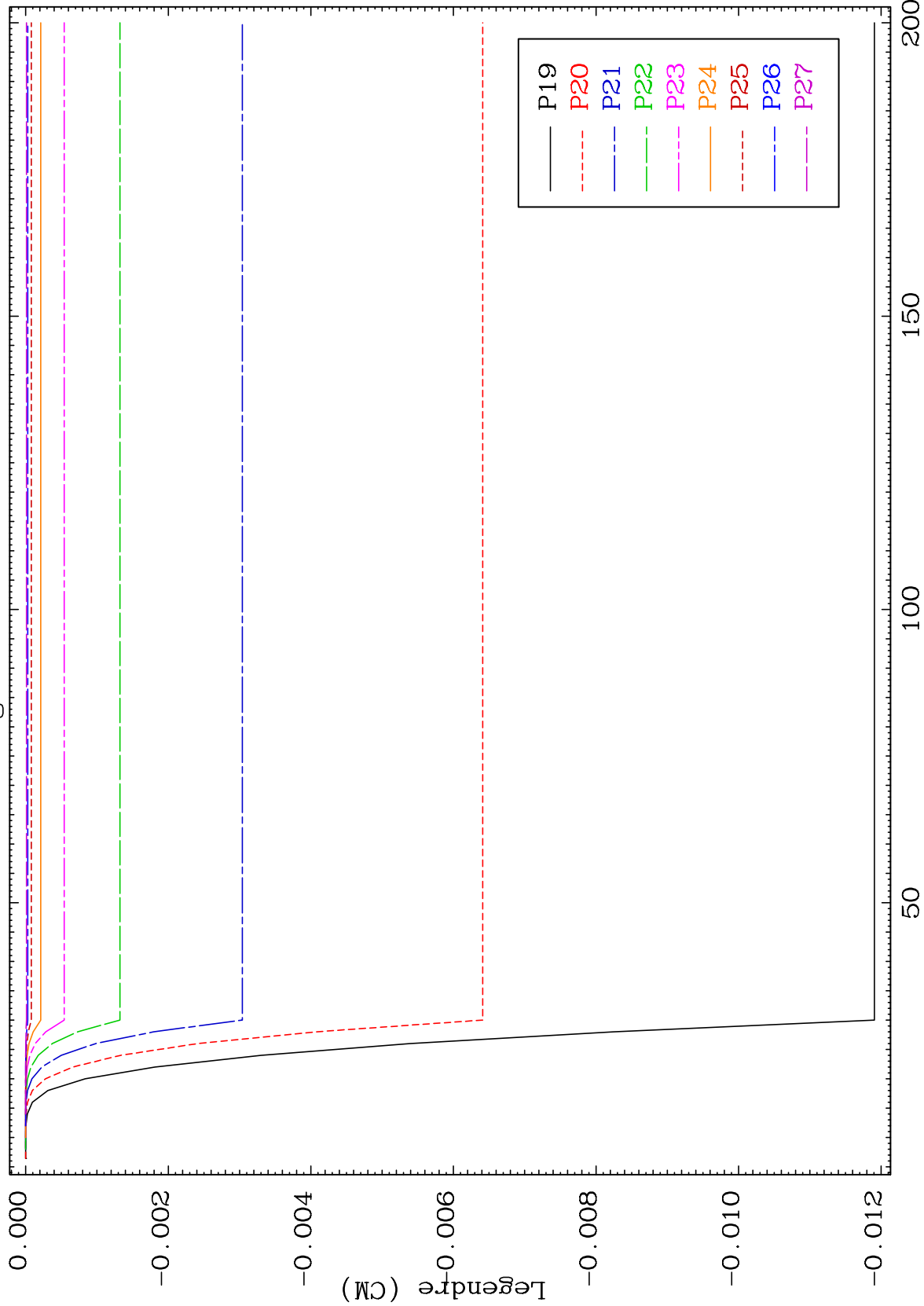
47-Ag-120

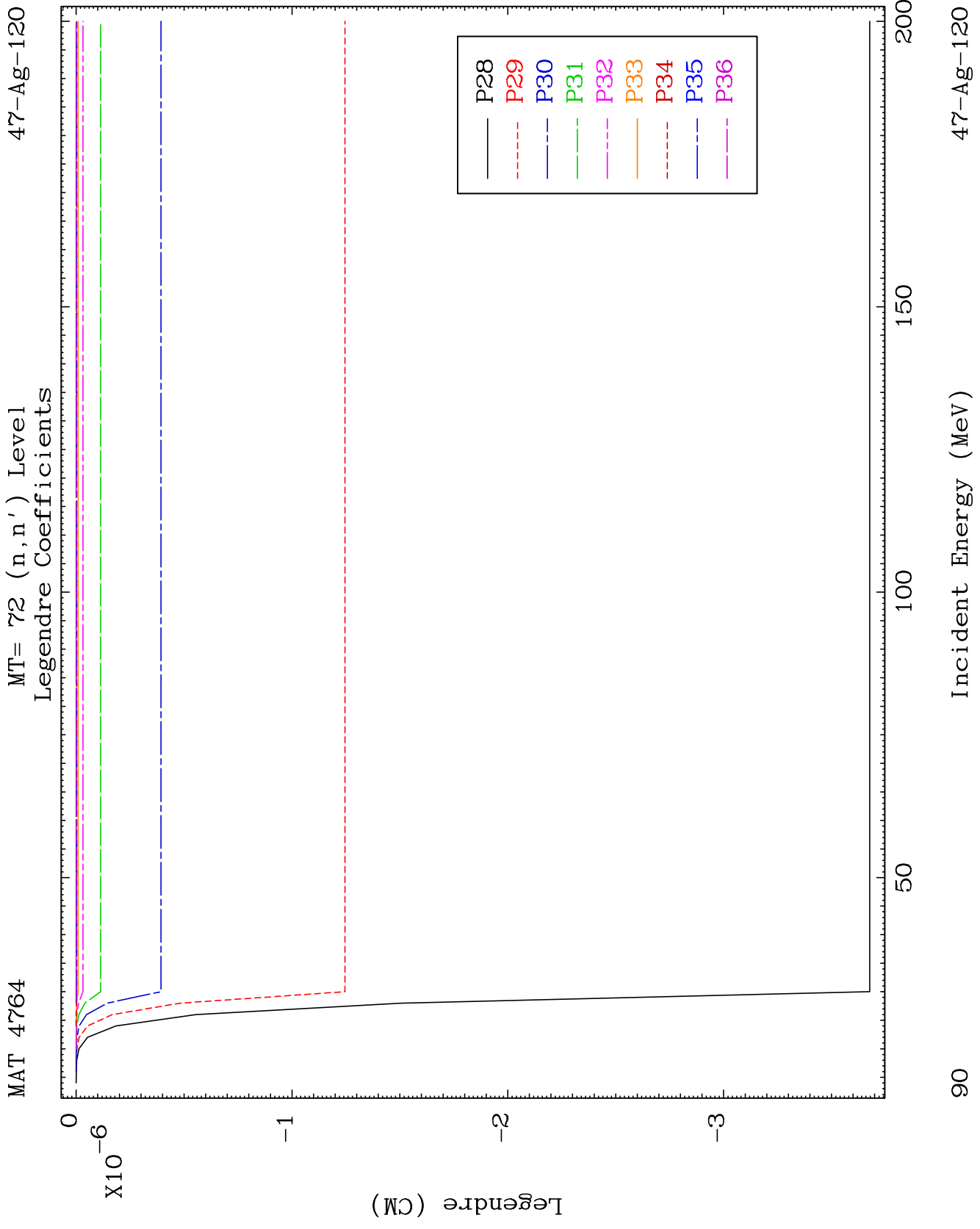
MAT 4764

MT= 72 (n,n') Level

47-Ag-120

Legendre Coefficients

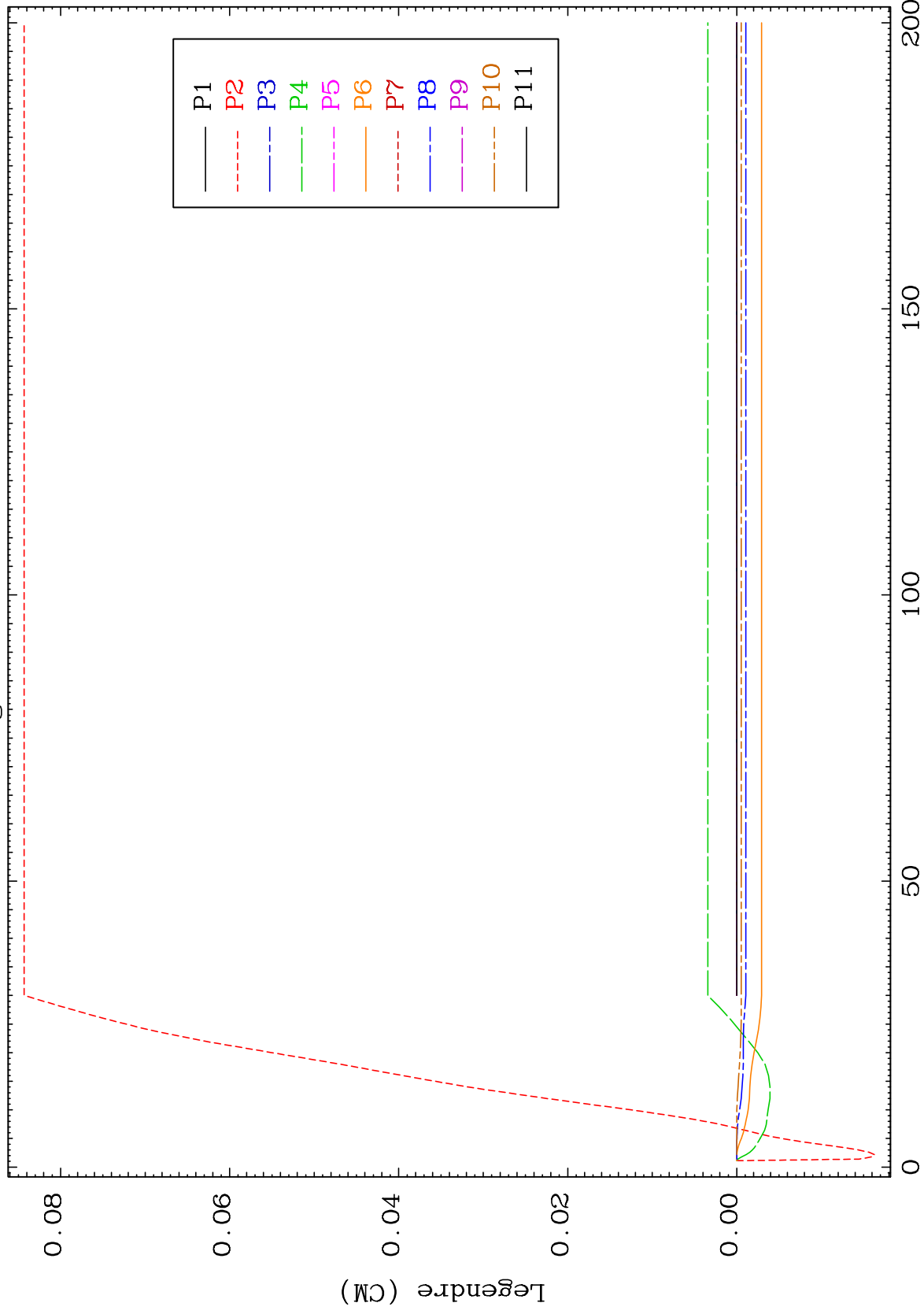




MAT 4764

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

47-Ag-120



91

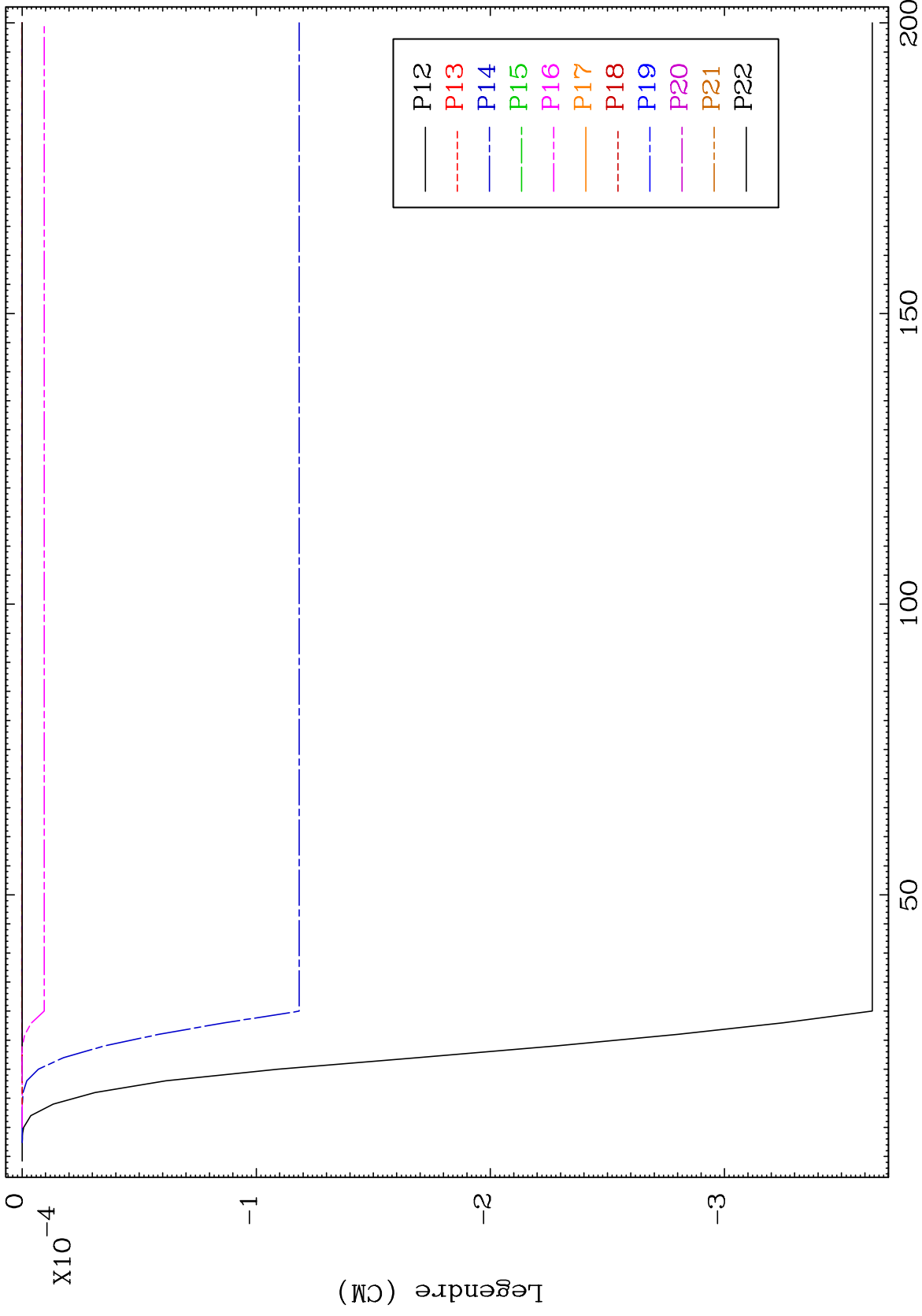
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

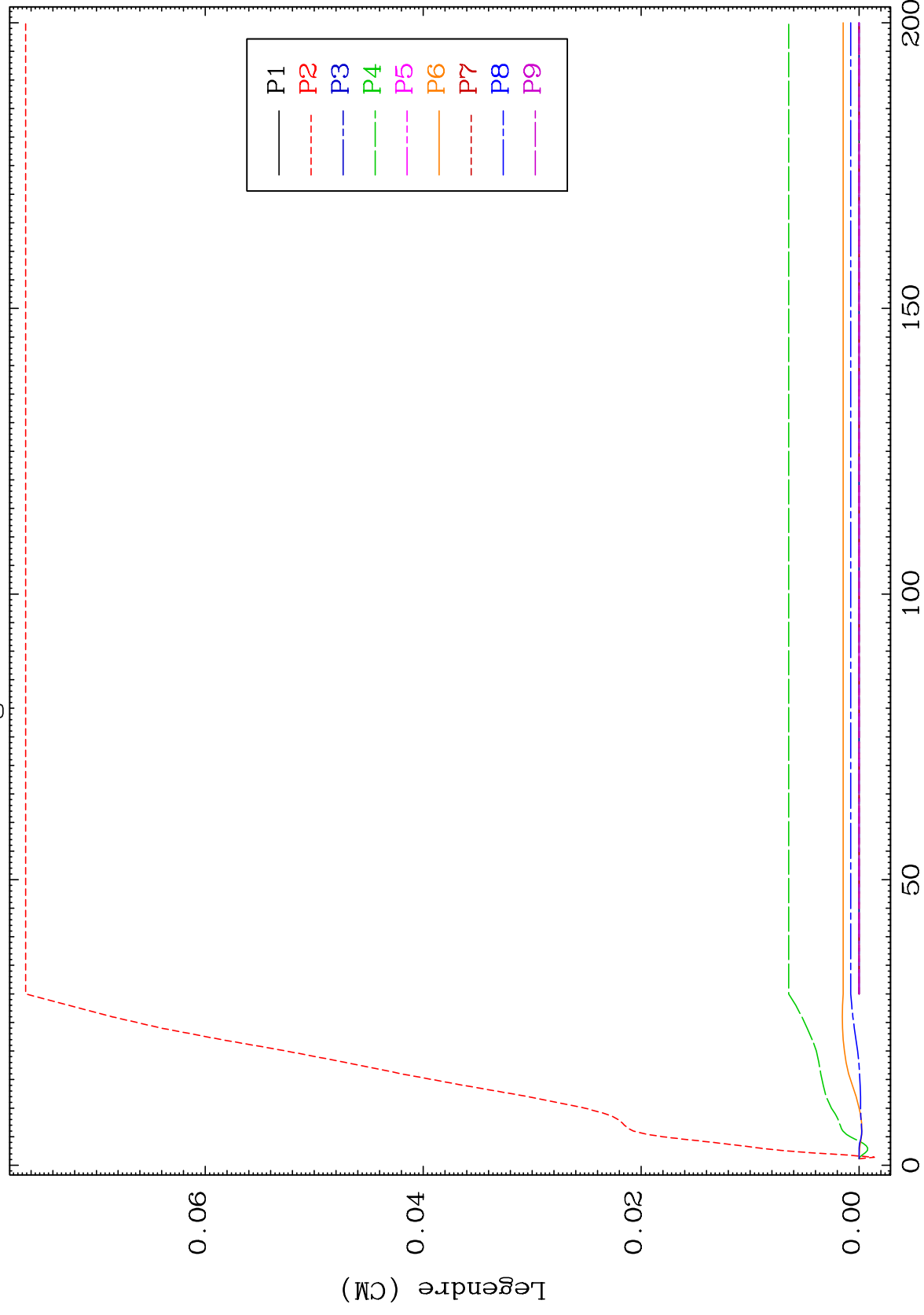
47-Ag-120



MAT 4764

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

47-Ag-120



93

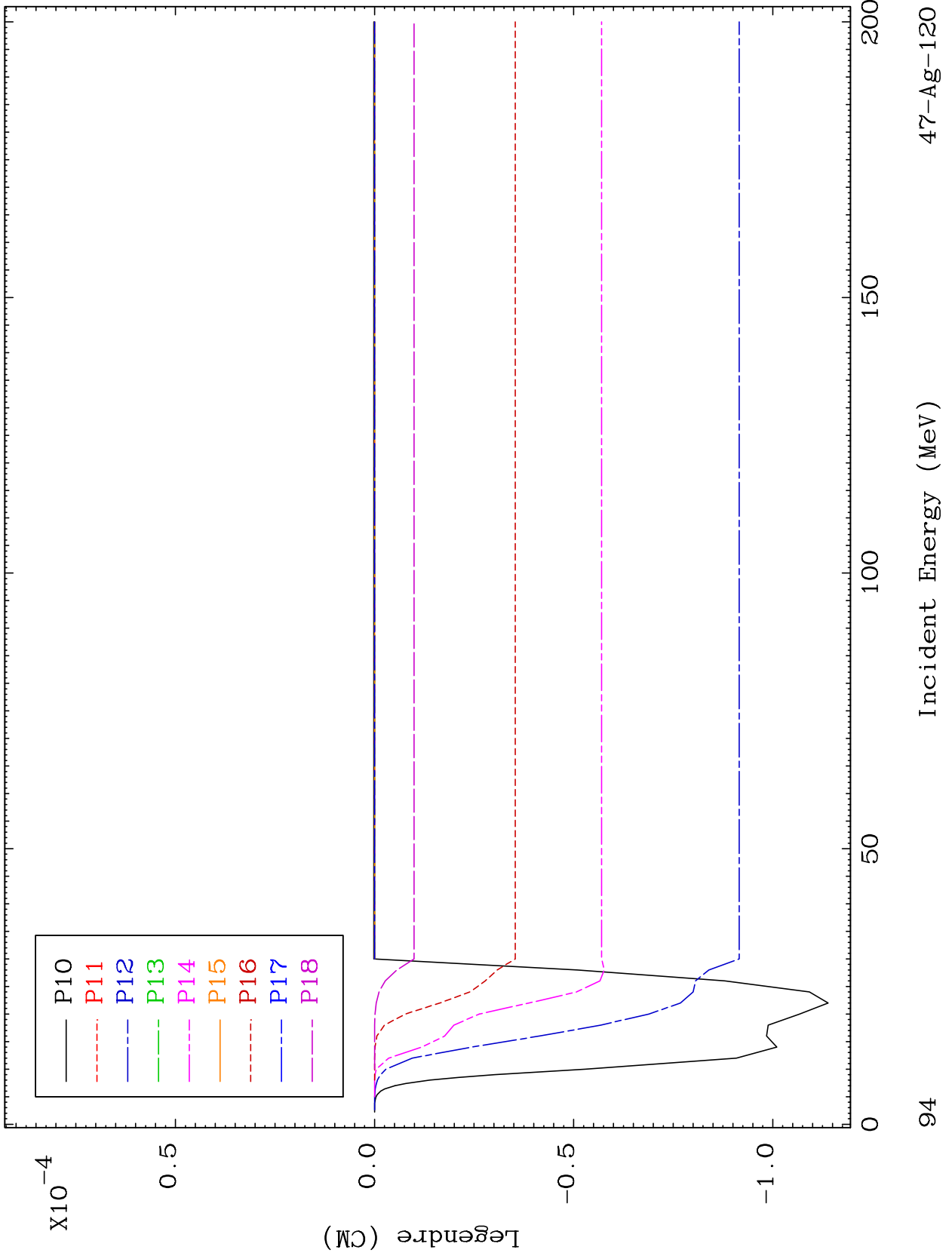
Incident Energy (MeV)

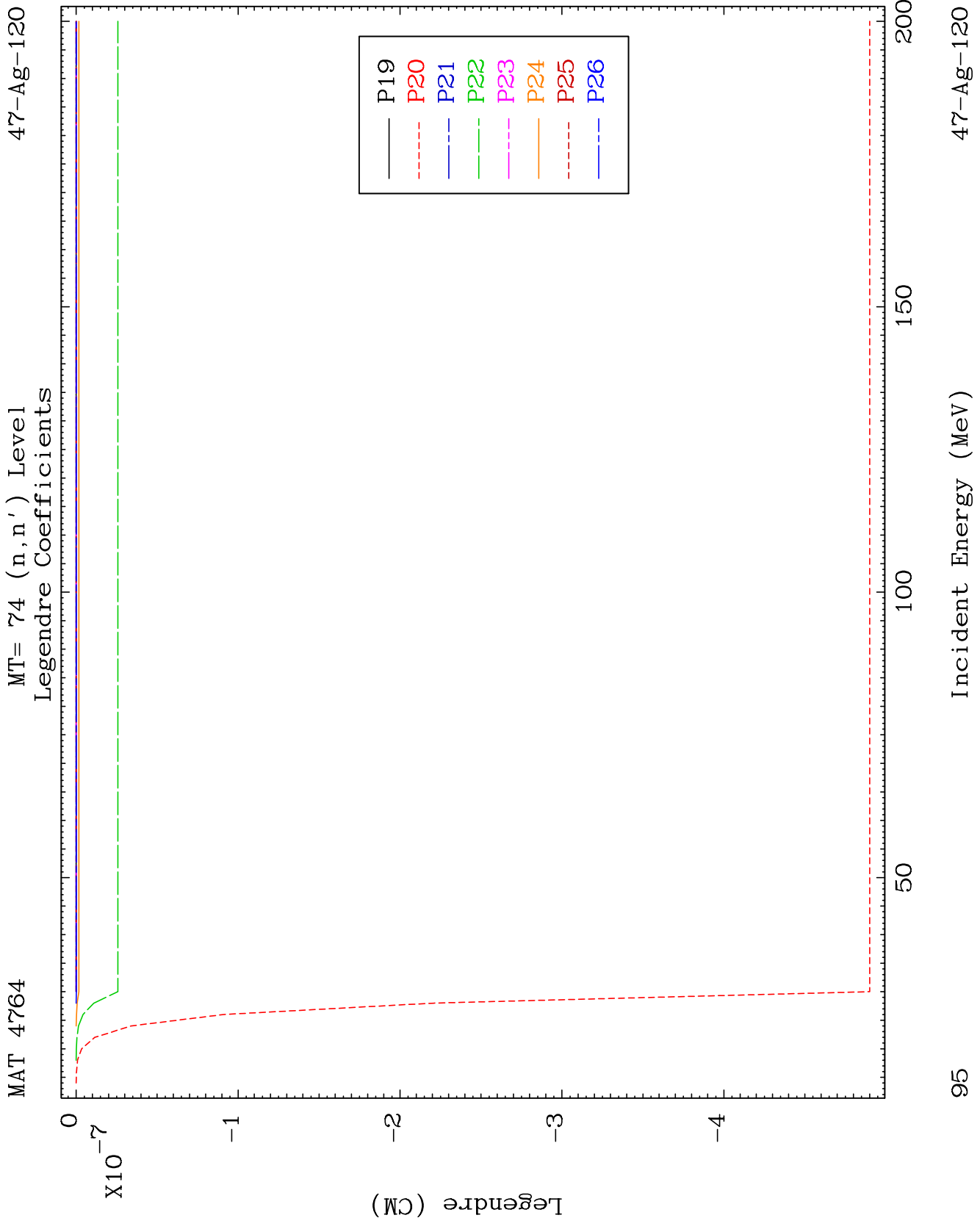
47-Ag-120

MAT 4764

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

47-Ag-120



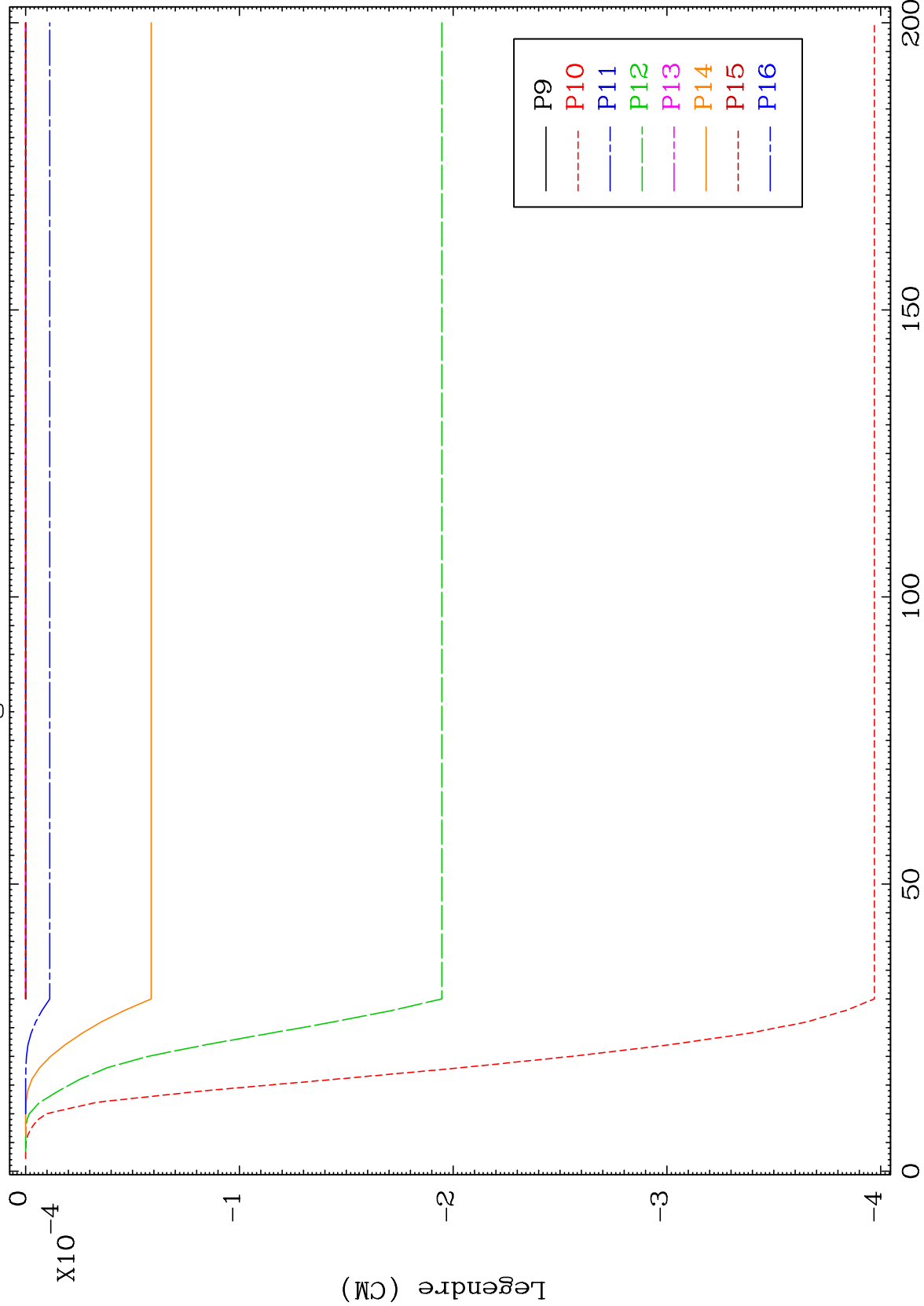


MAT 4764

MT= 75 (n,n') Level

47-Ag-120

Legendre Coefficients



97

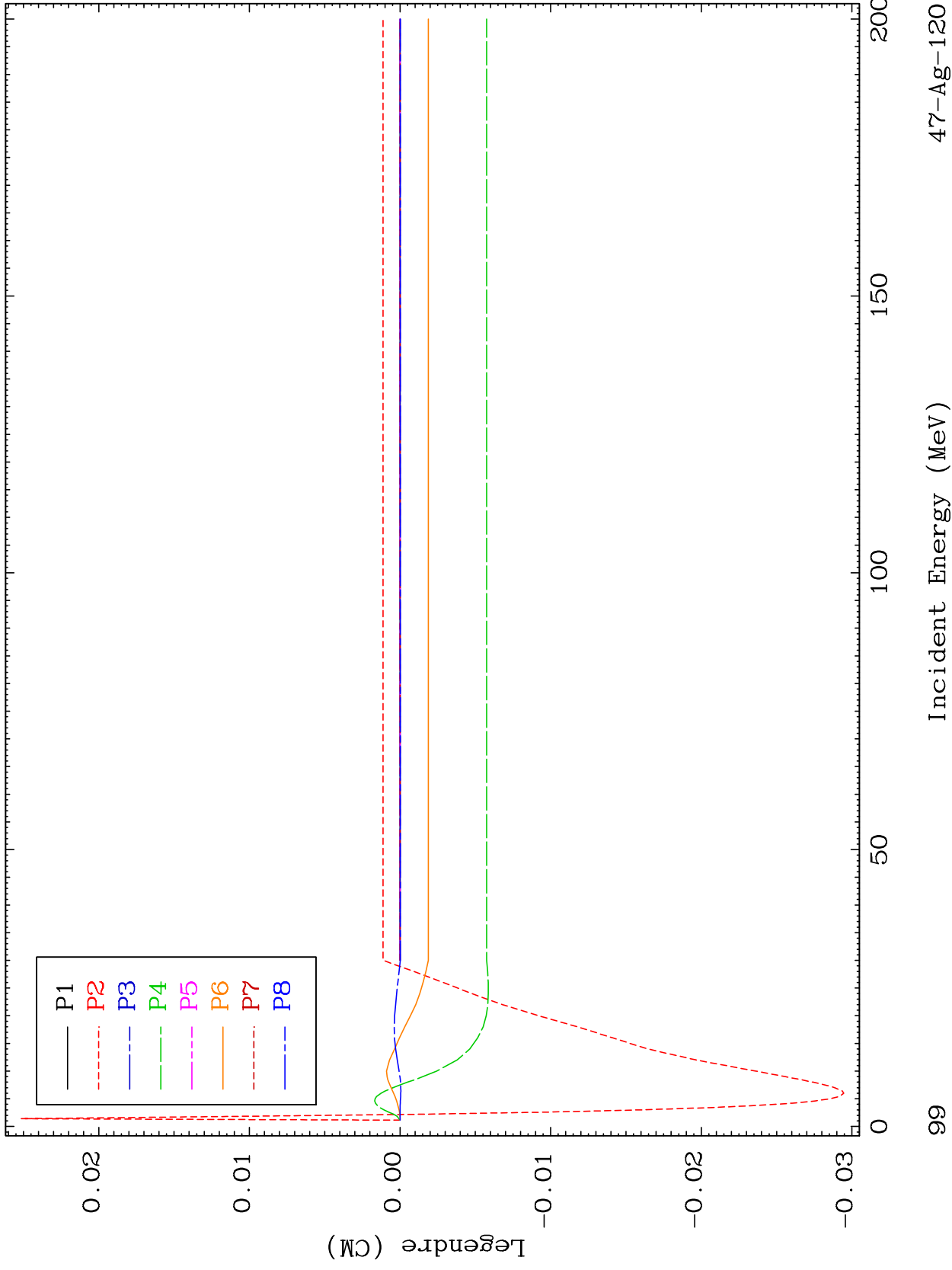
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



99

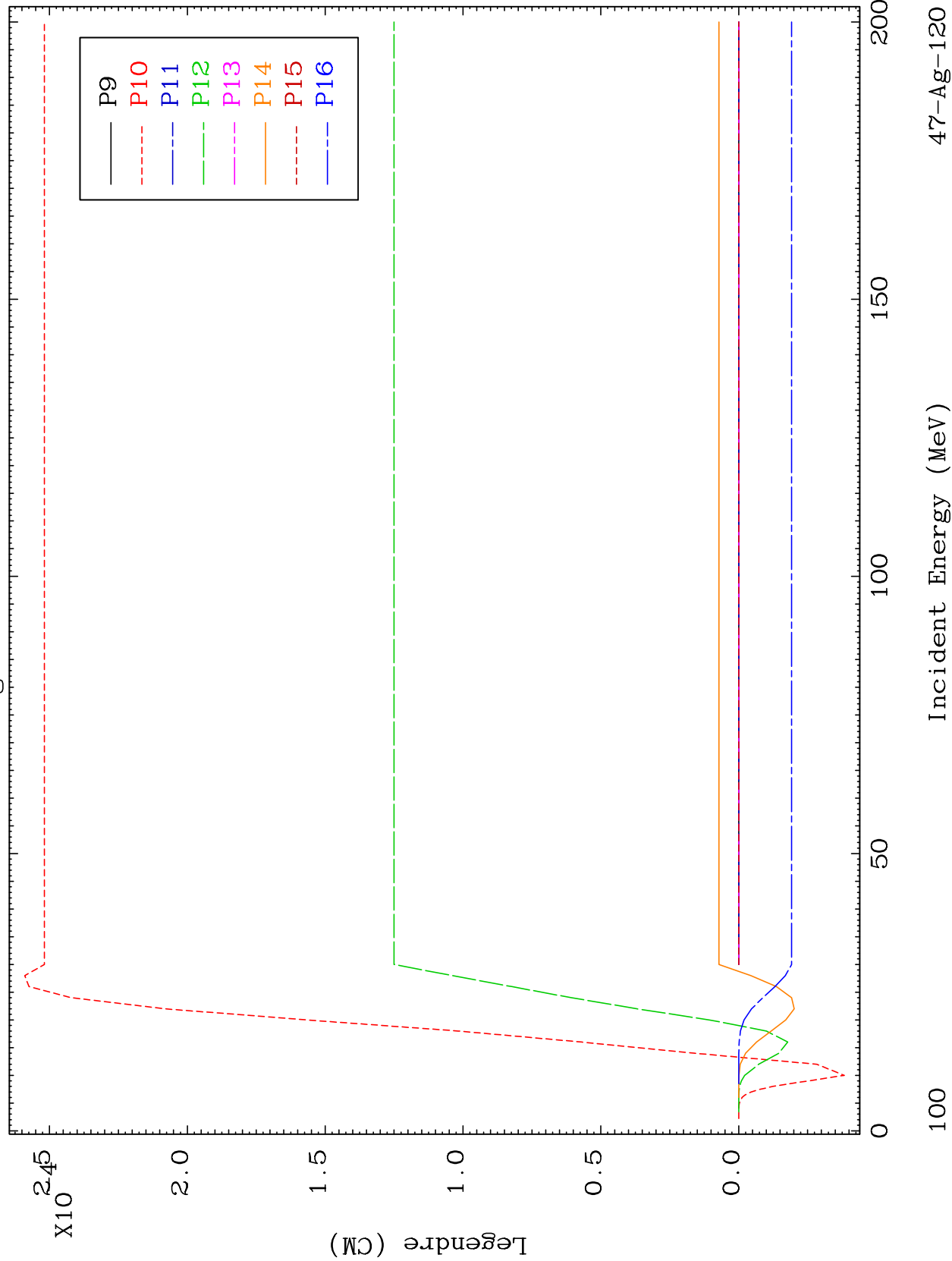
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



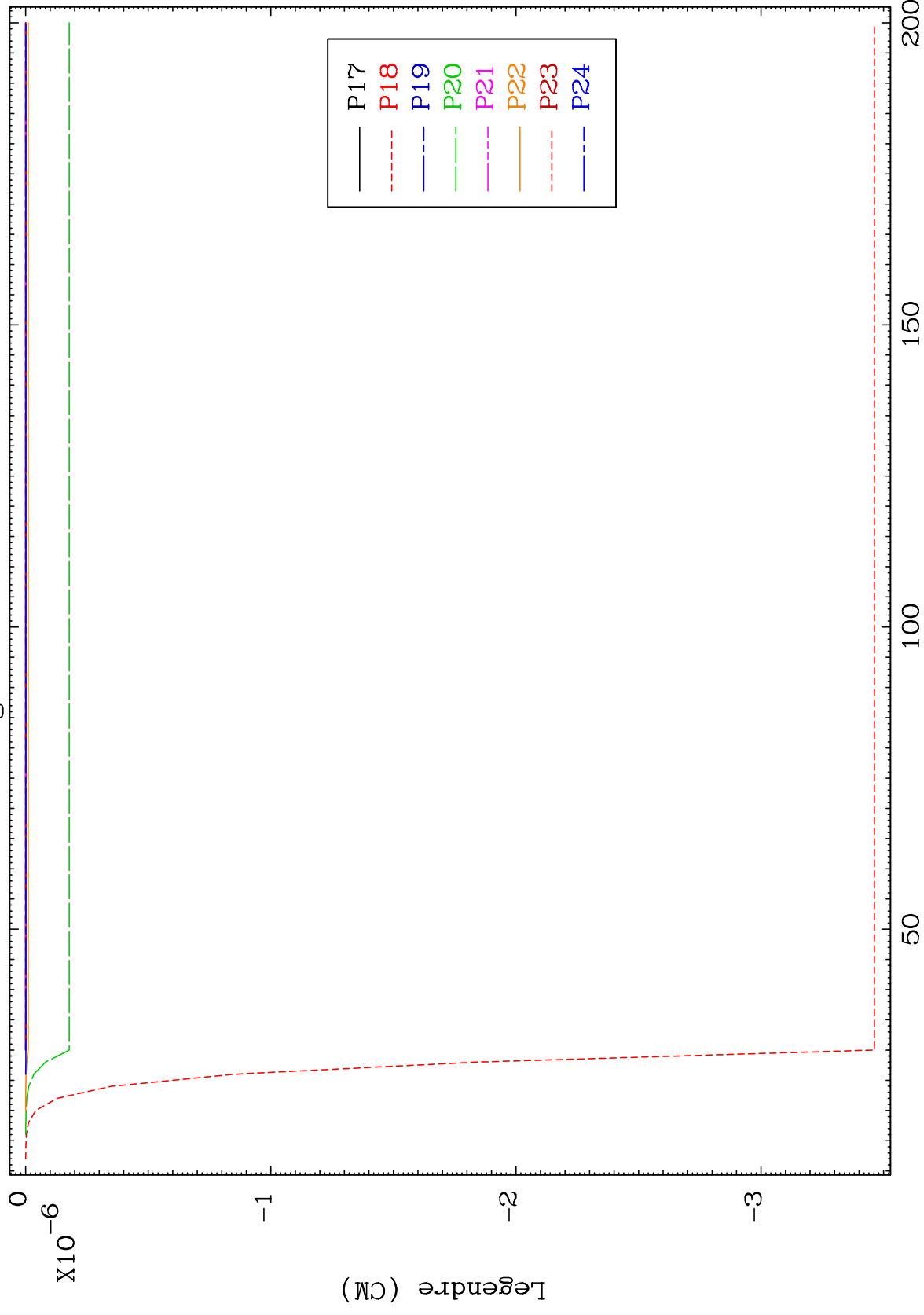
47-Ag-120

Incident Energy (MeV)

MAT 4764

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

47-Ag-120



101

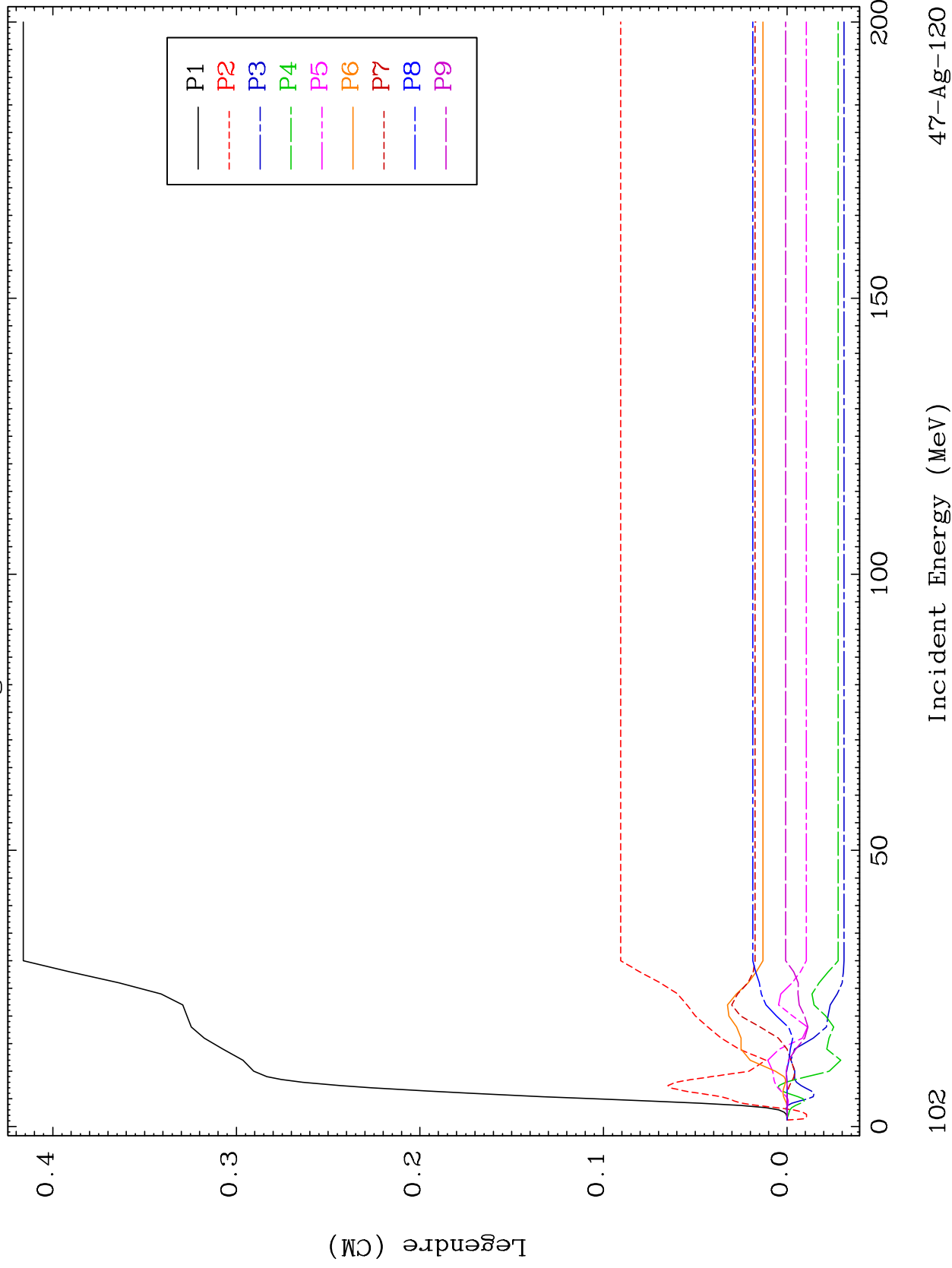
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

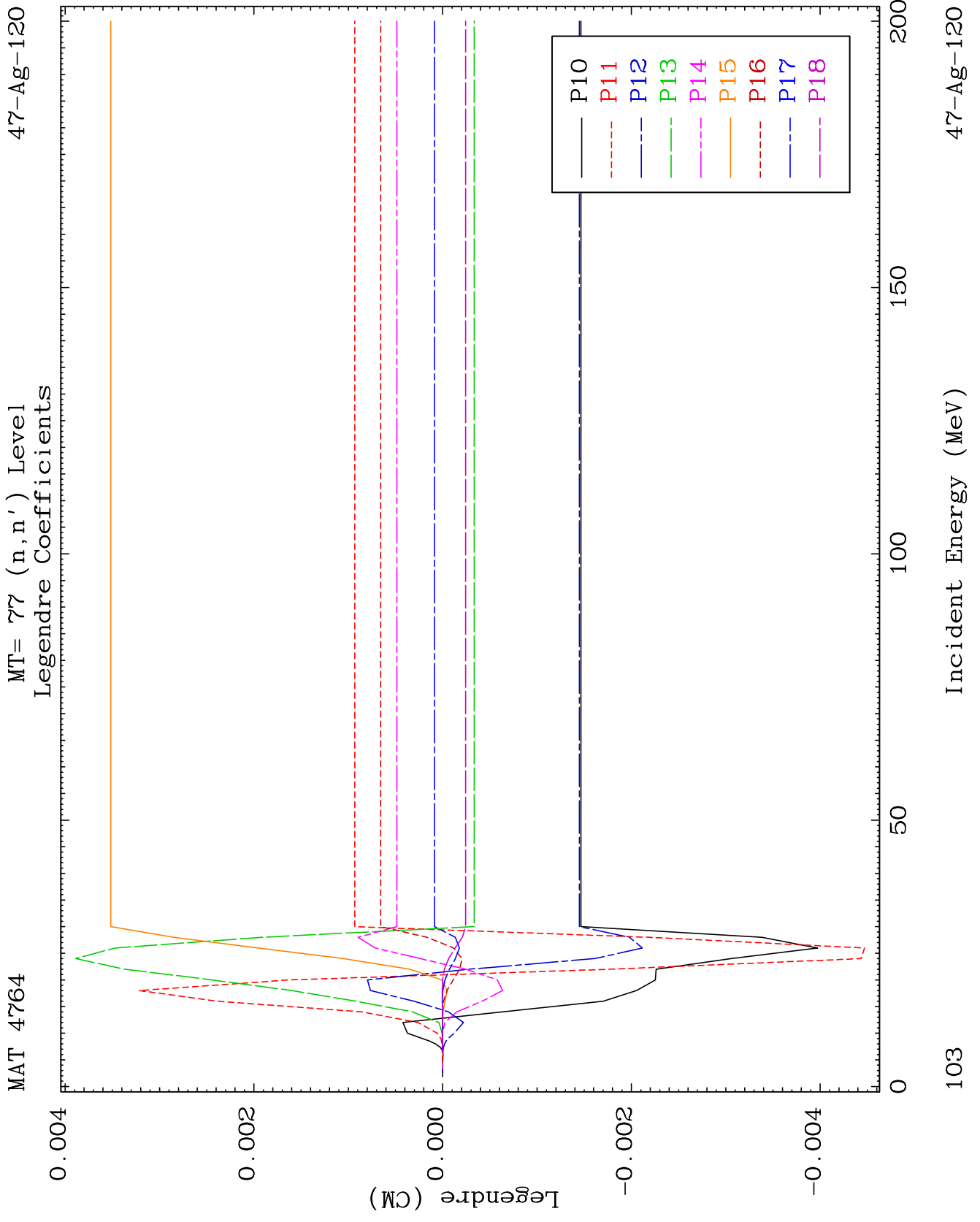
47-Ag-120

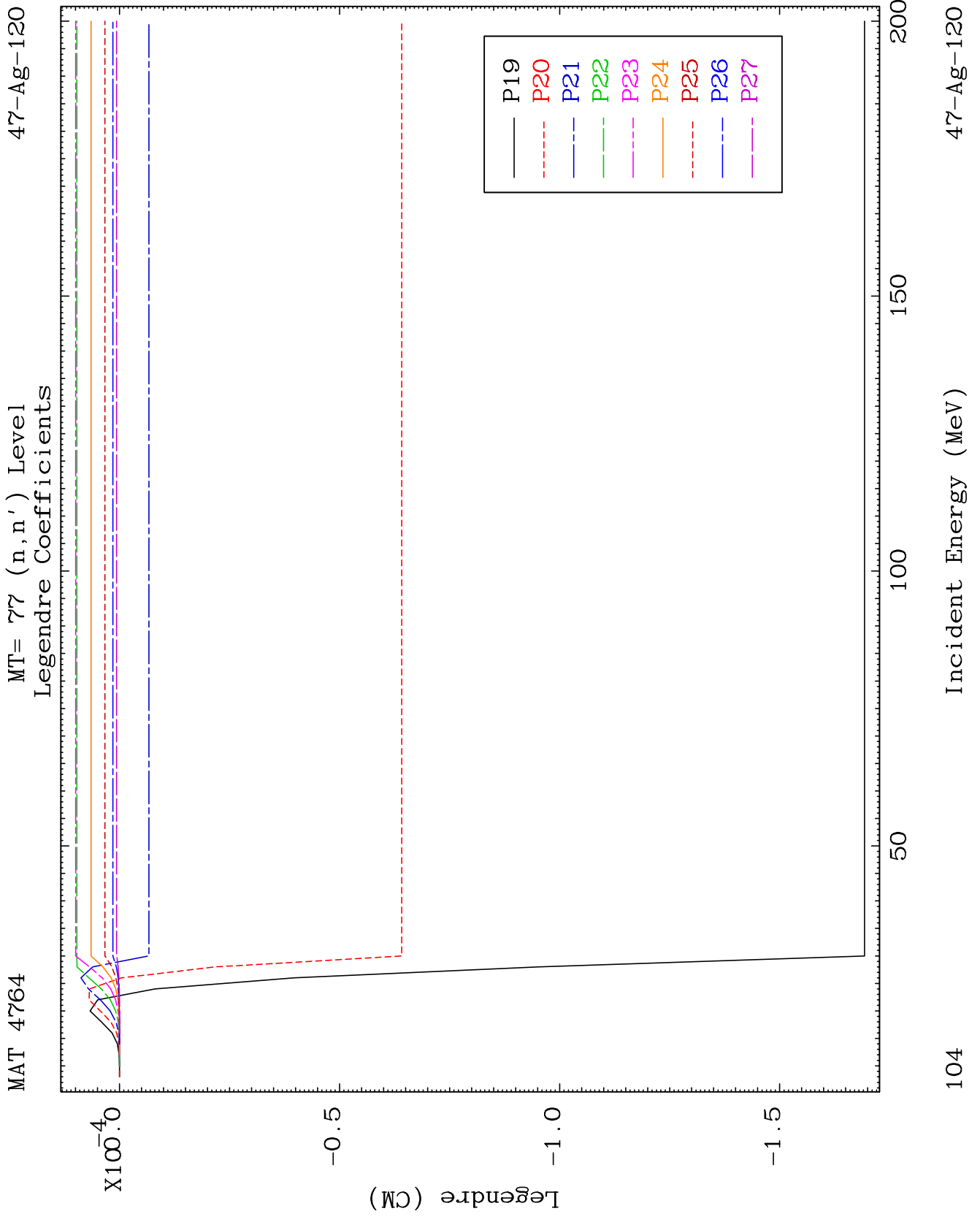


47-Ag-120

Incident Energy (MeV)

102

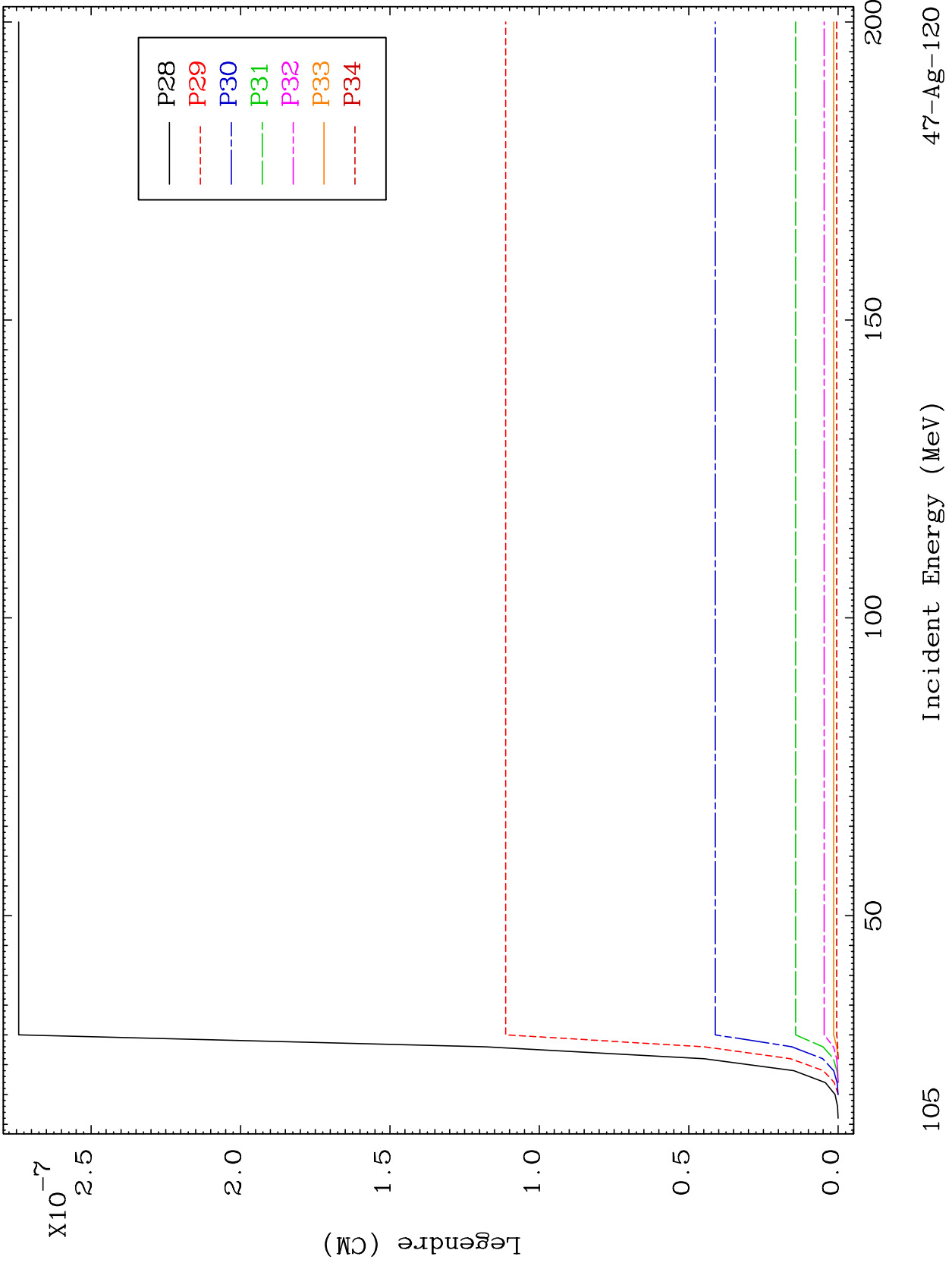




MAT 4764

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

47-Ag-120



105

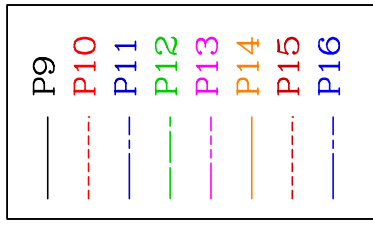
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



$\times 10^{-4}$
1.0
0.5

Legendre (CM)

0.0

-0.5

0

50

100

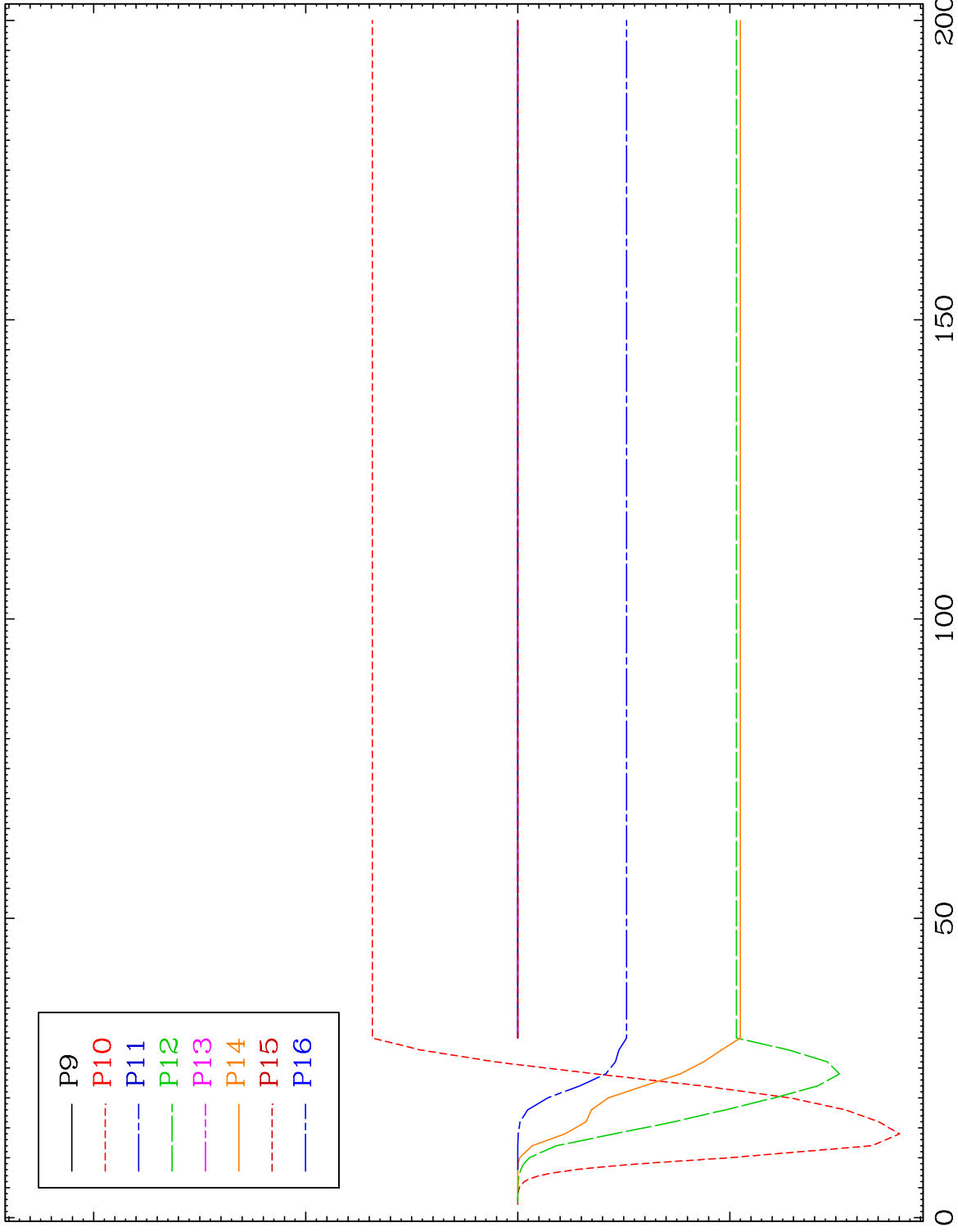
150

200

107

Incident Energy (MeV)

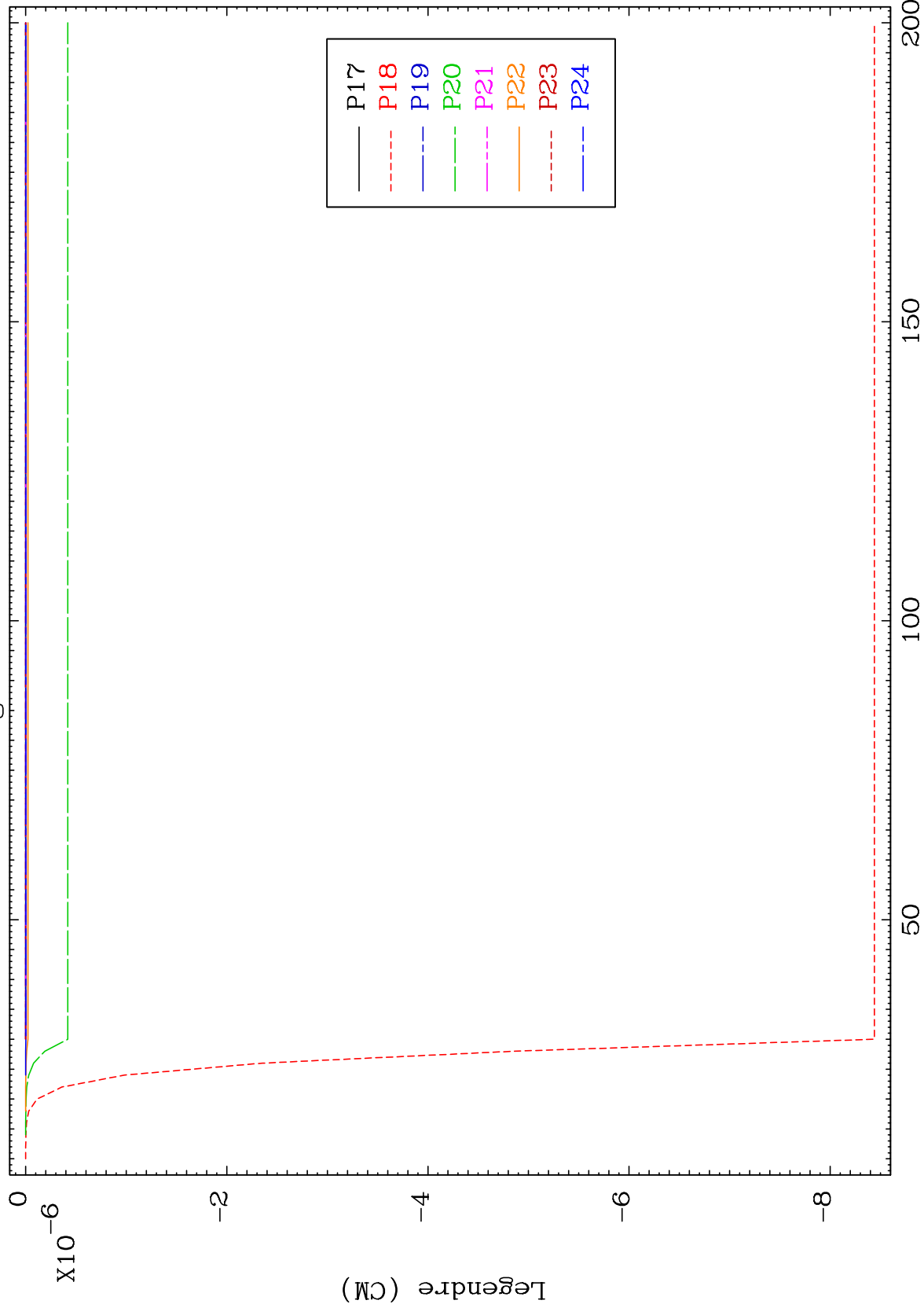
47-Ag-120



MAT 4764

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

47-Ag-120



108

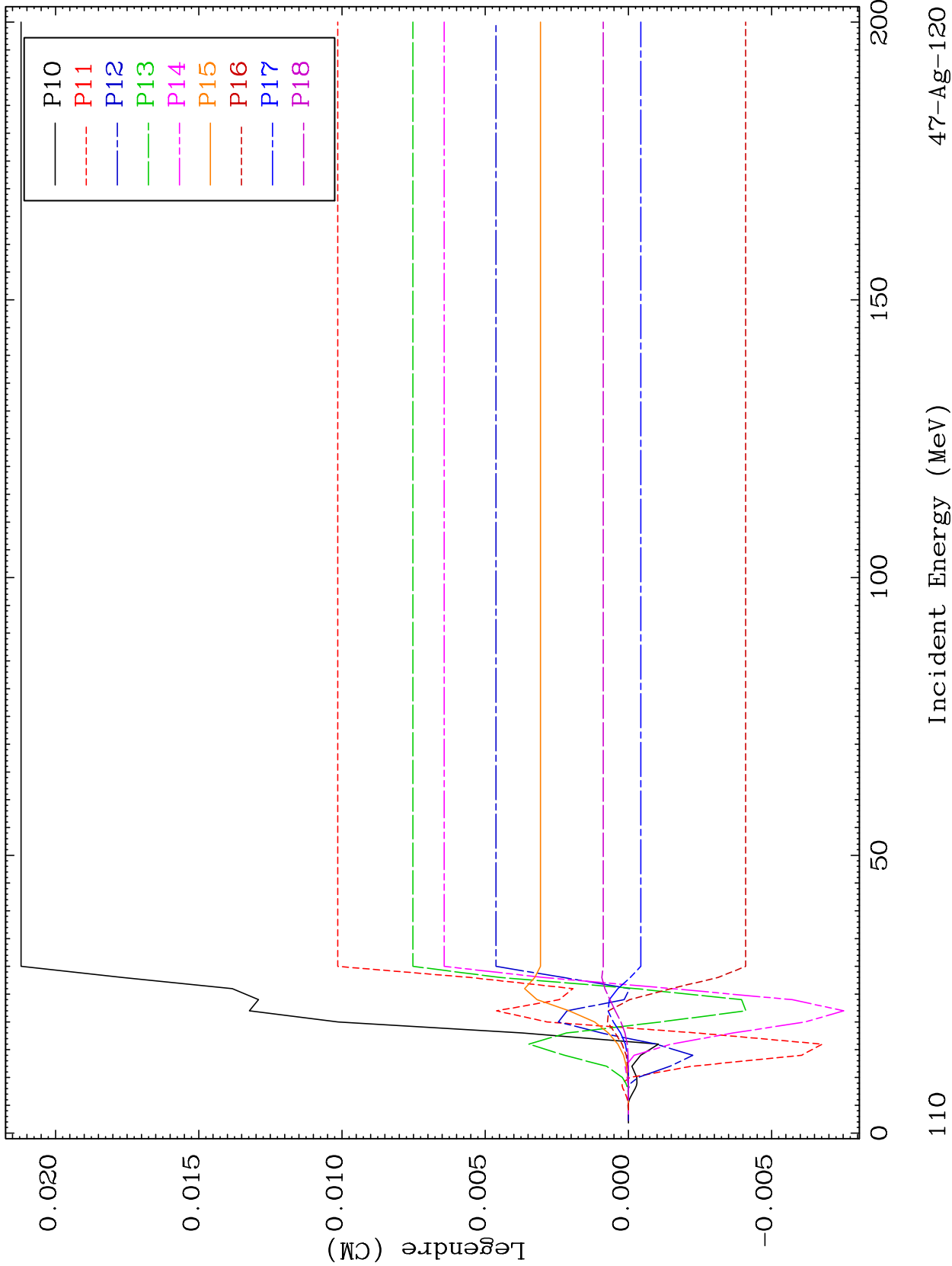
Incident Energy (MeV)

47-Ag-120

MAT 4764

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

47-Ag-120



47-Ag-120

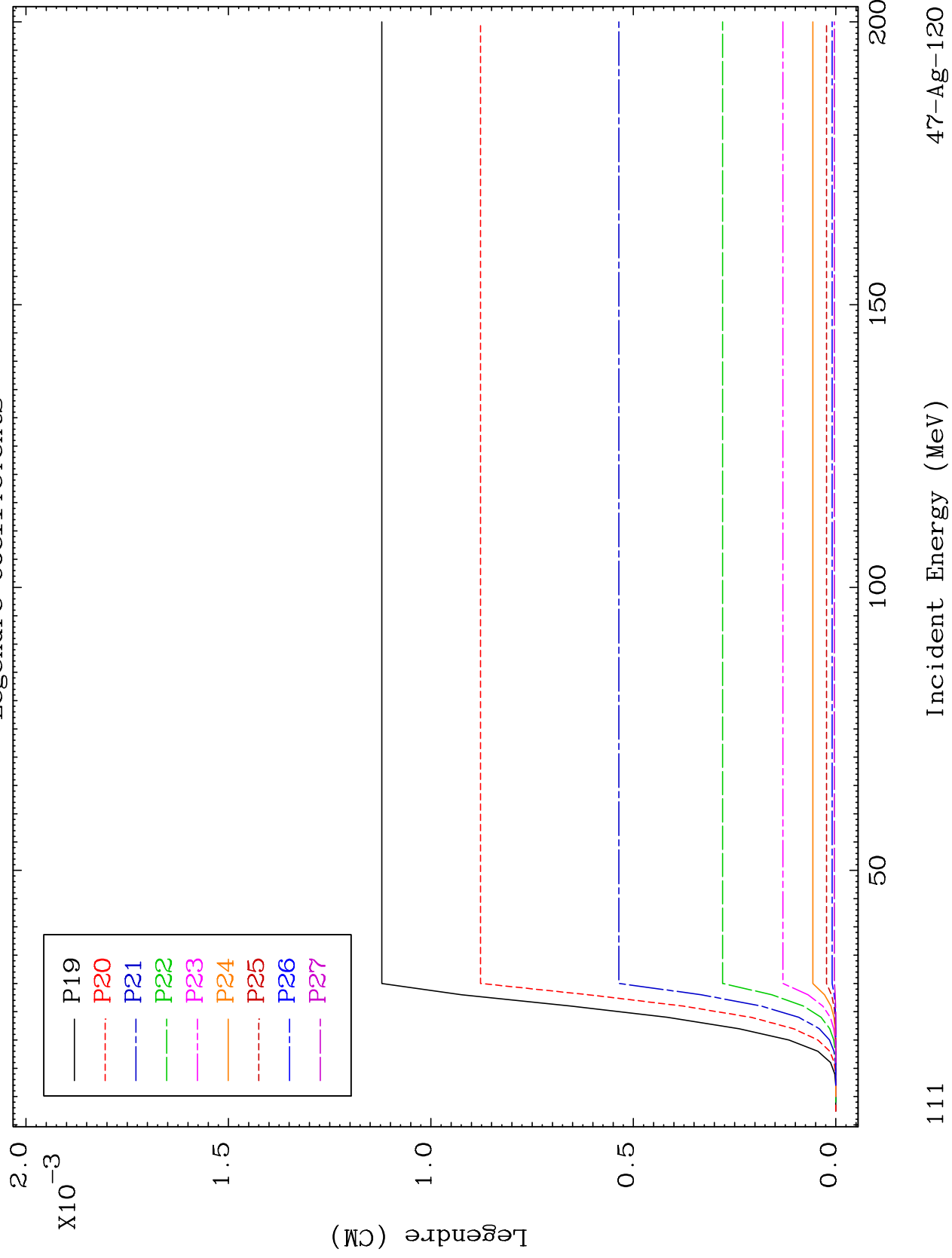
Incident Energy (MeV)

110

MAT 4764

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

47-Ag-120



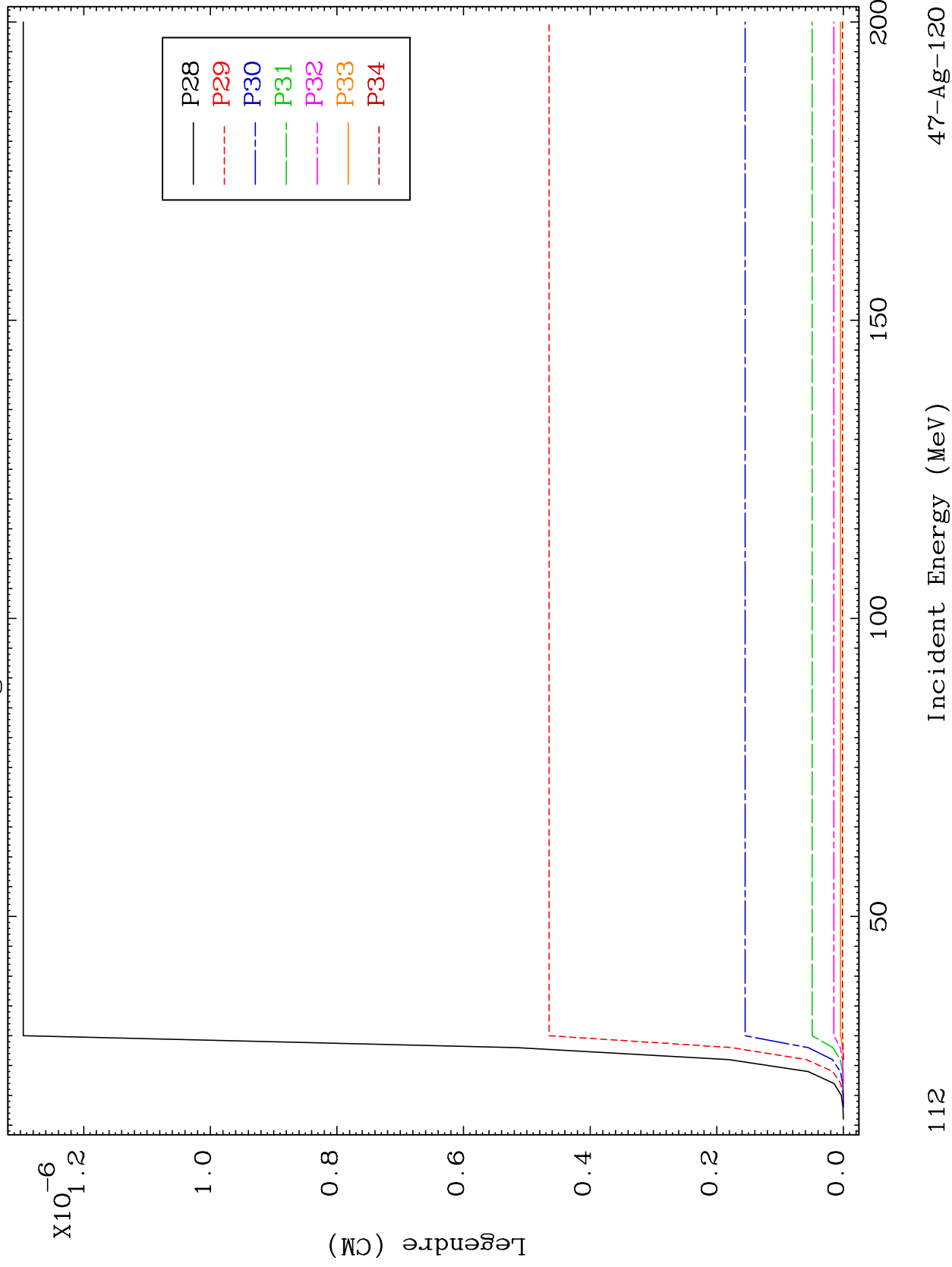
111

47-Ag-120

MAT 4764

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

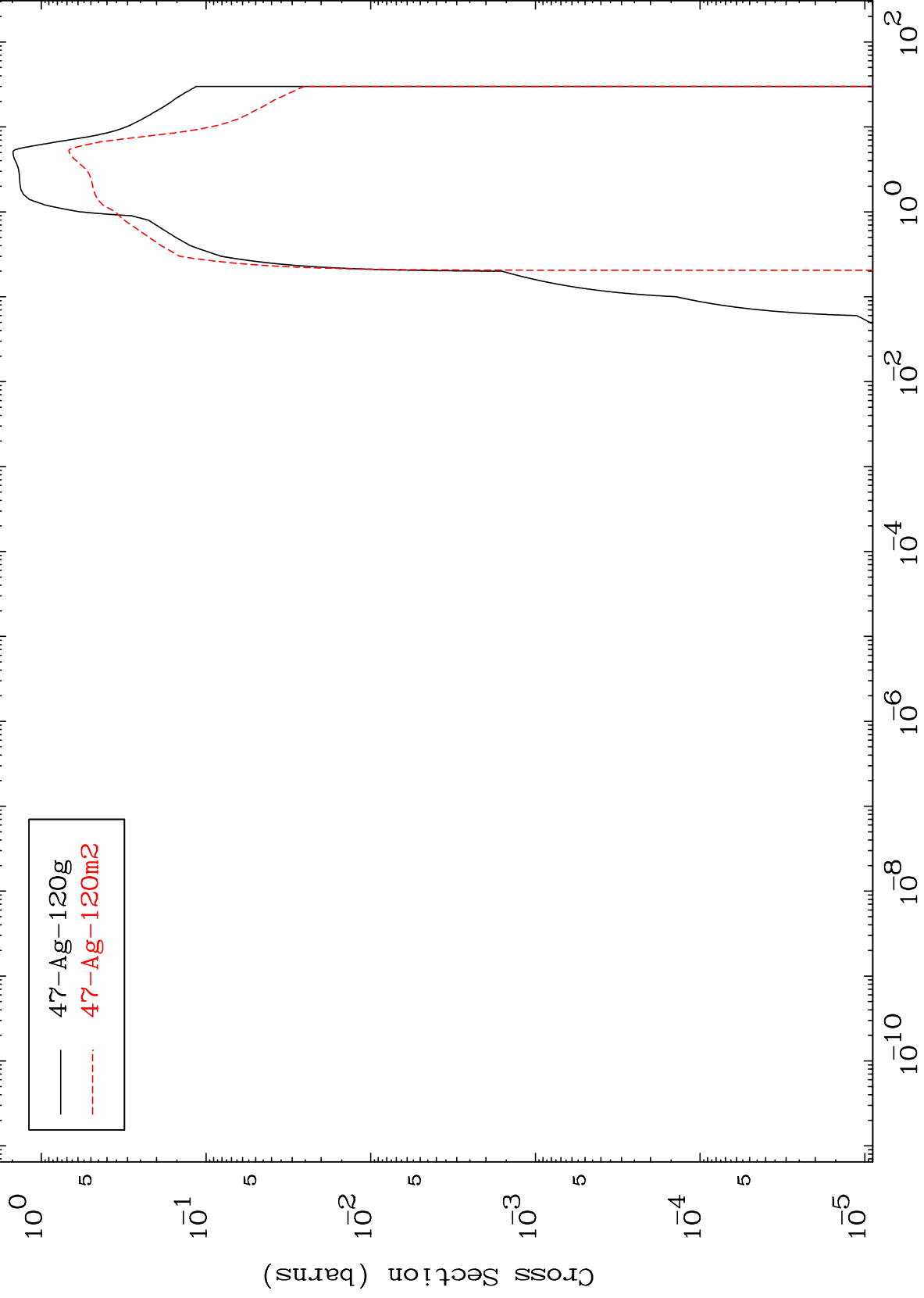
47-Ag-120



MAT 4764

Inelastic
Radionuclide Production Cross Section

47-Ag-120



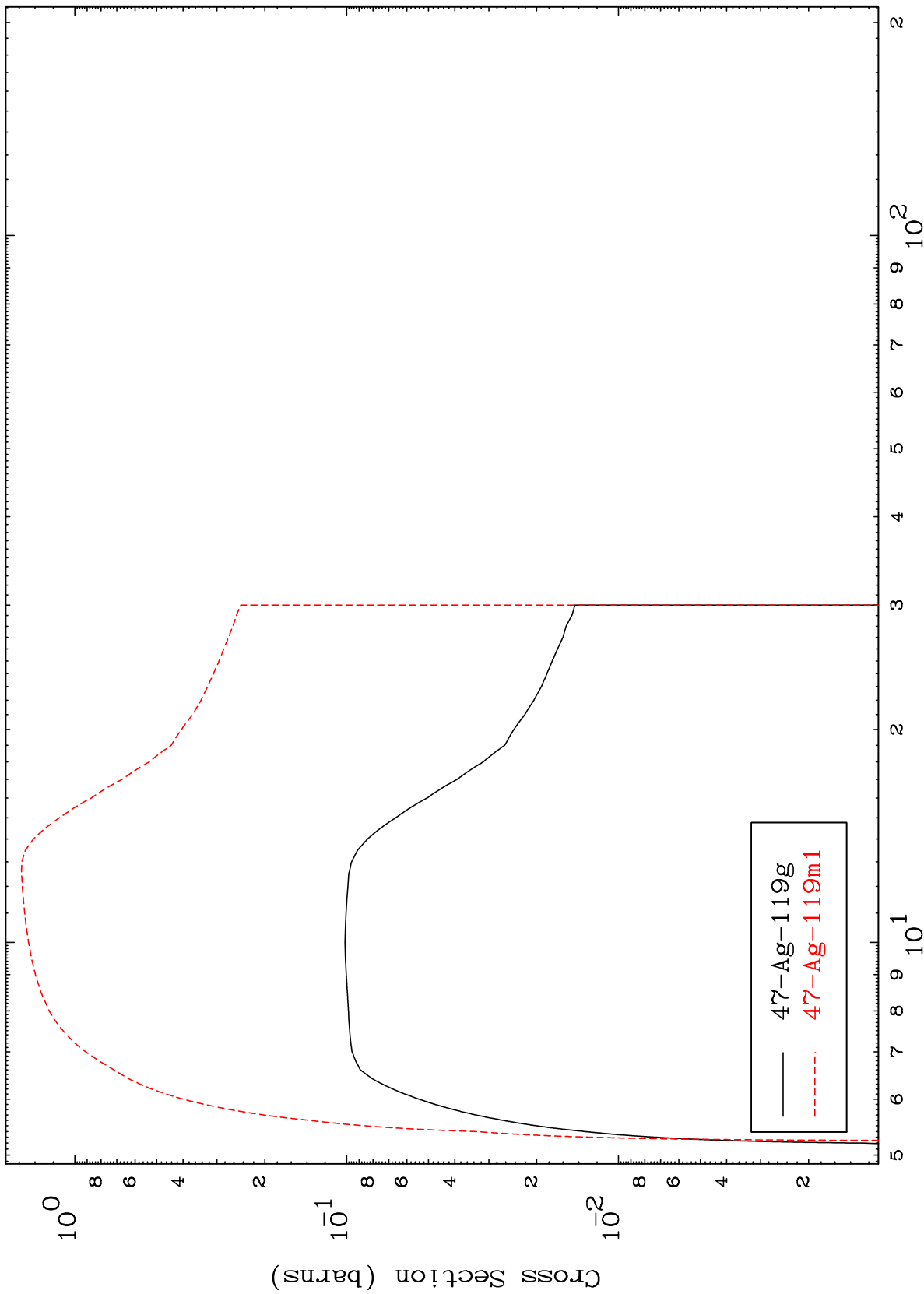
— 47-Ag-120g
- - - 47-Ag-120m2

MAT 4764

47-Ag-120

Radionuclide Production Cross Section

(n,2n)



114

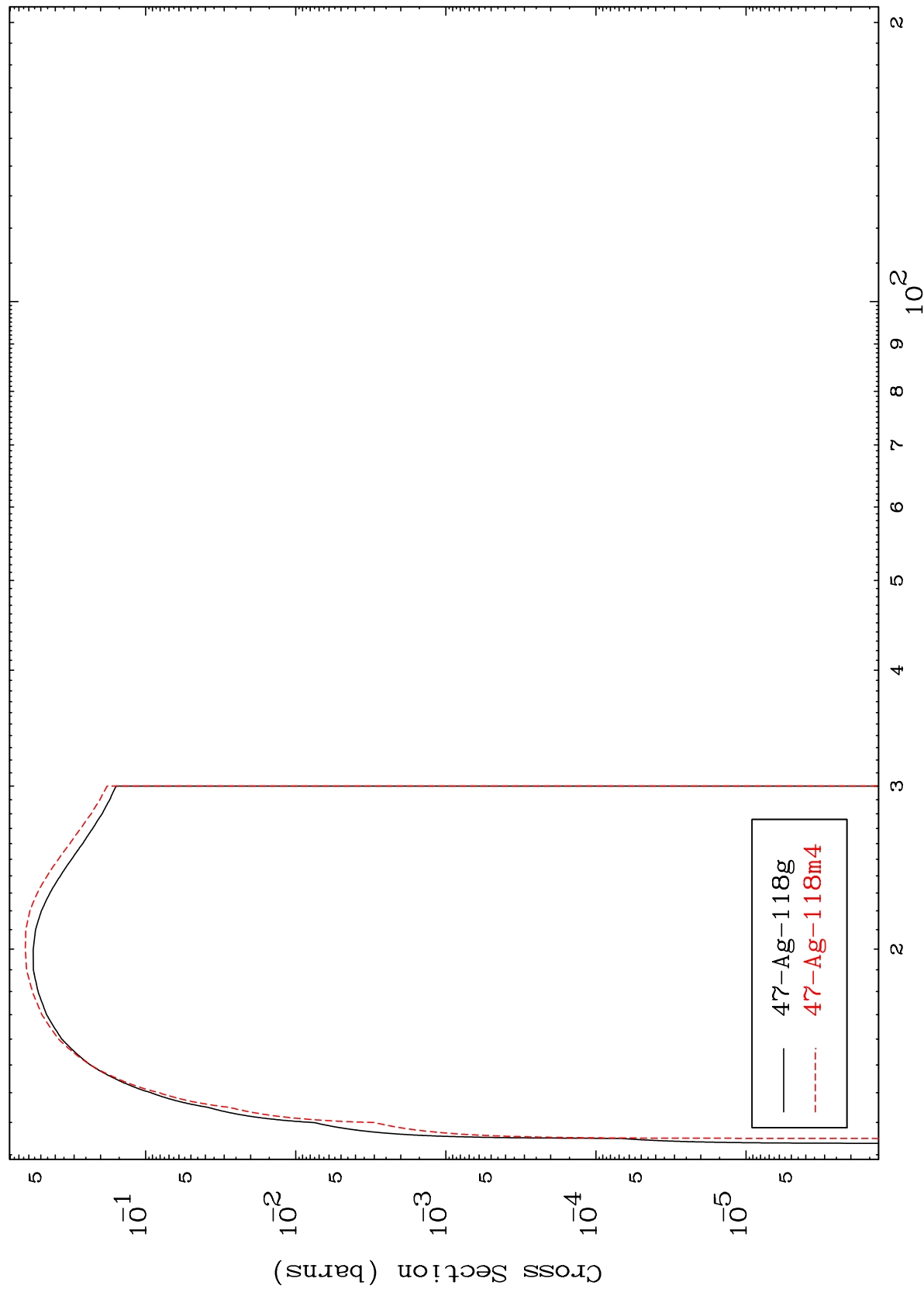
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(n,3n)
Radionuclide Production Cross Section



115

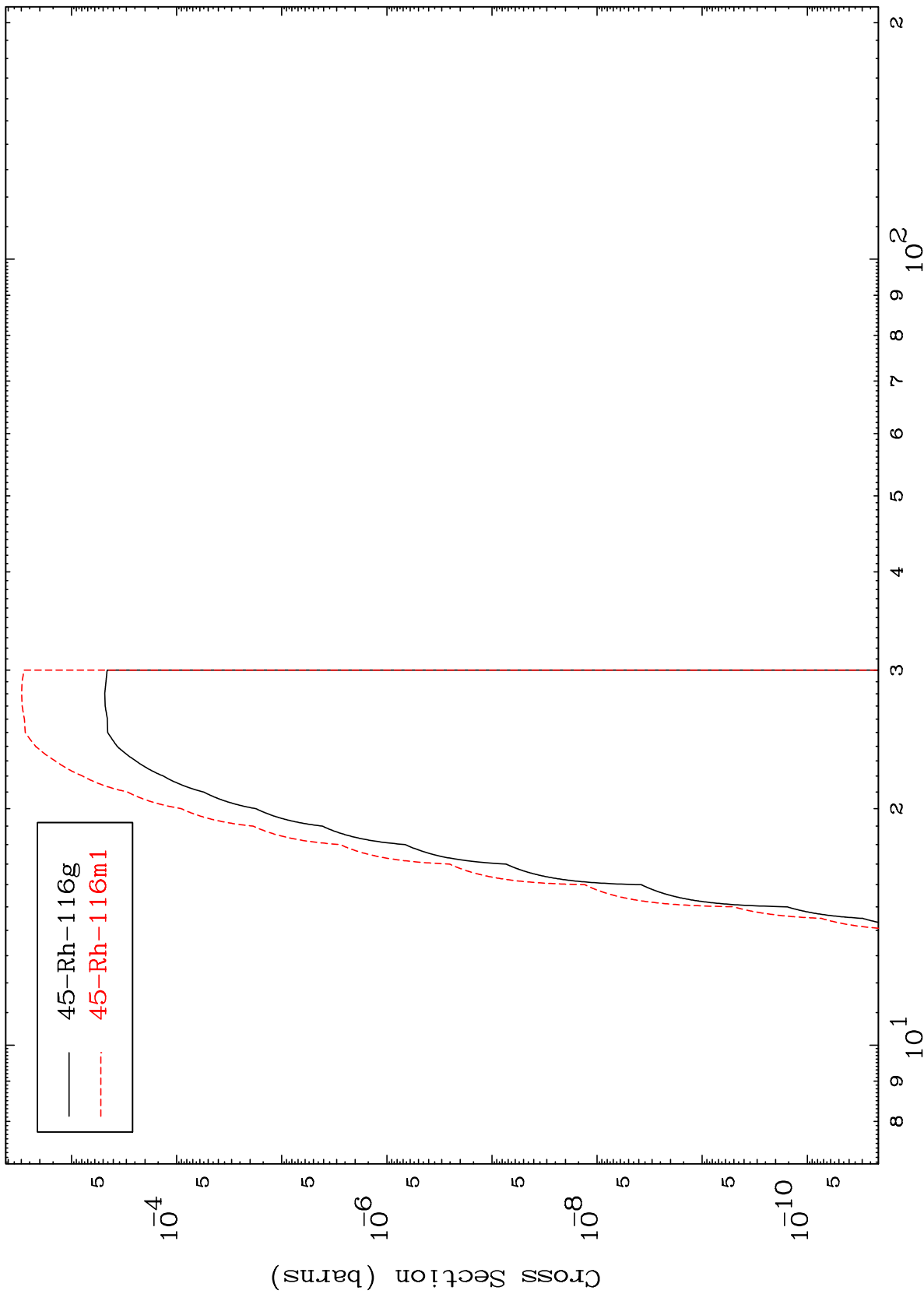
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(n,n') α
Radionuclide Production Cross Section



116

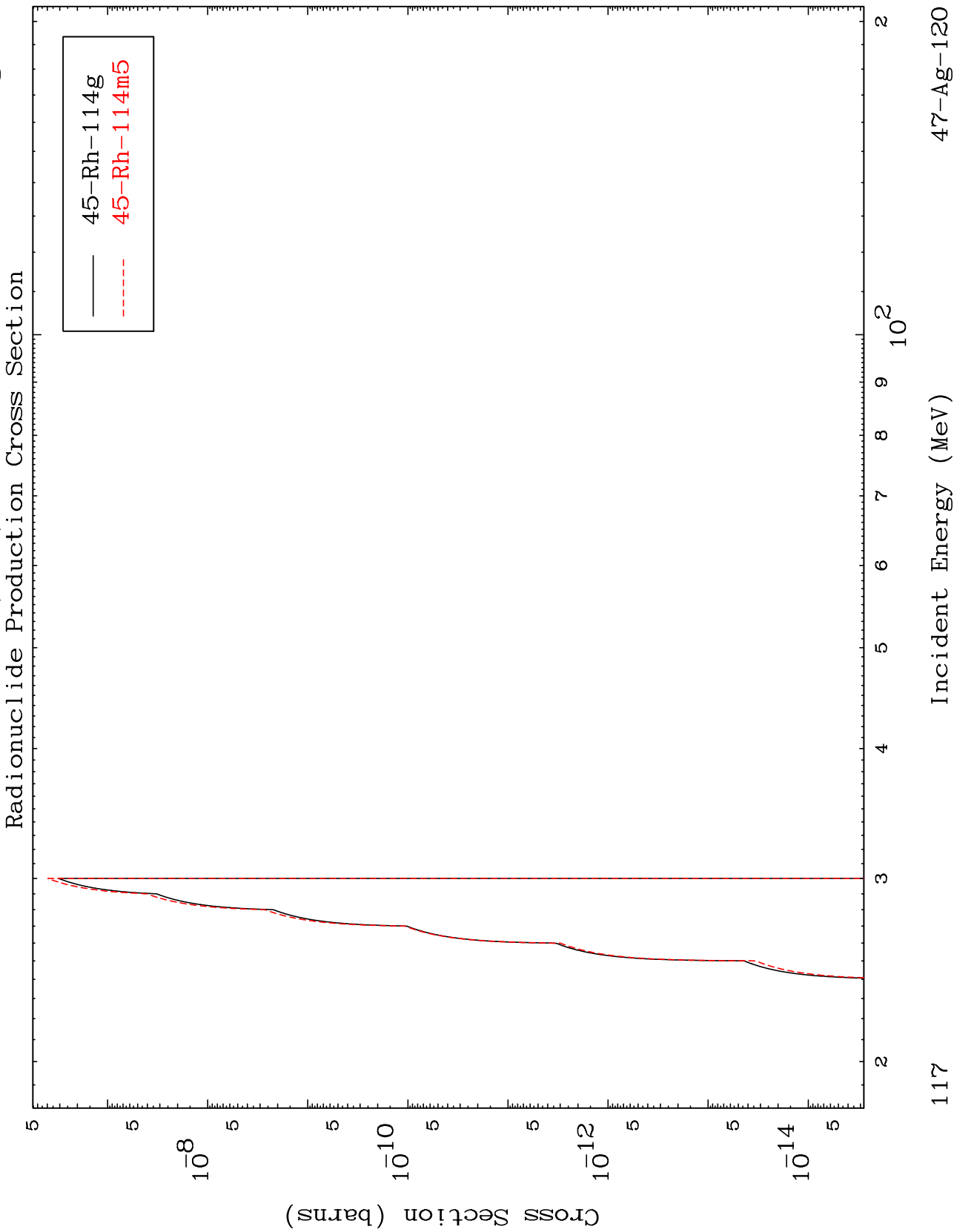
Incident Energy (MeV)

47-Ag-120

MAT 4764

(n,3n) α

47-Ag-120



117

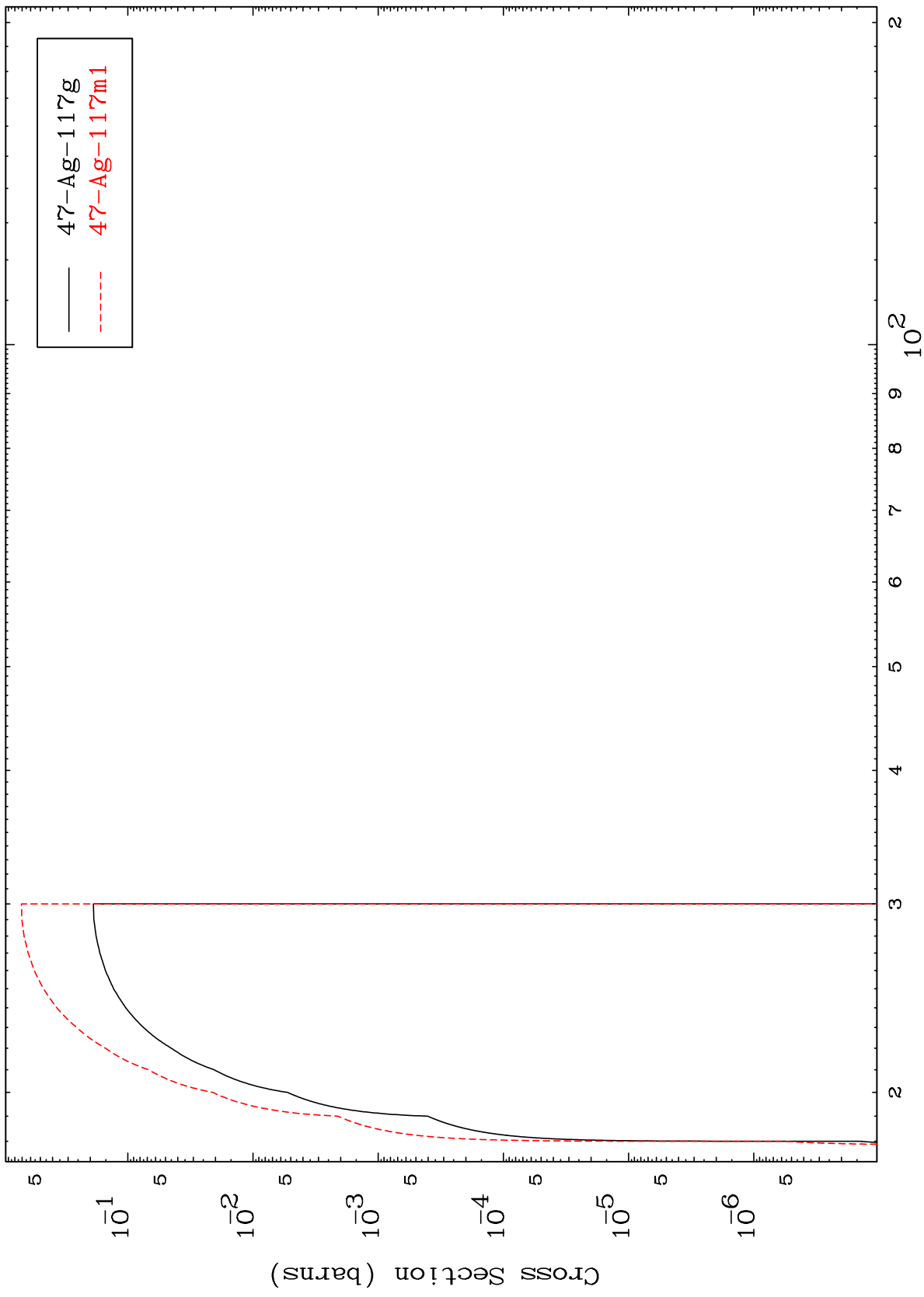
Incident Energy (MeV)

47-Ag-120

MAT 4764

47-Ag-120

(n,4n)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

47-Ag-120