

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

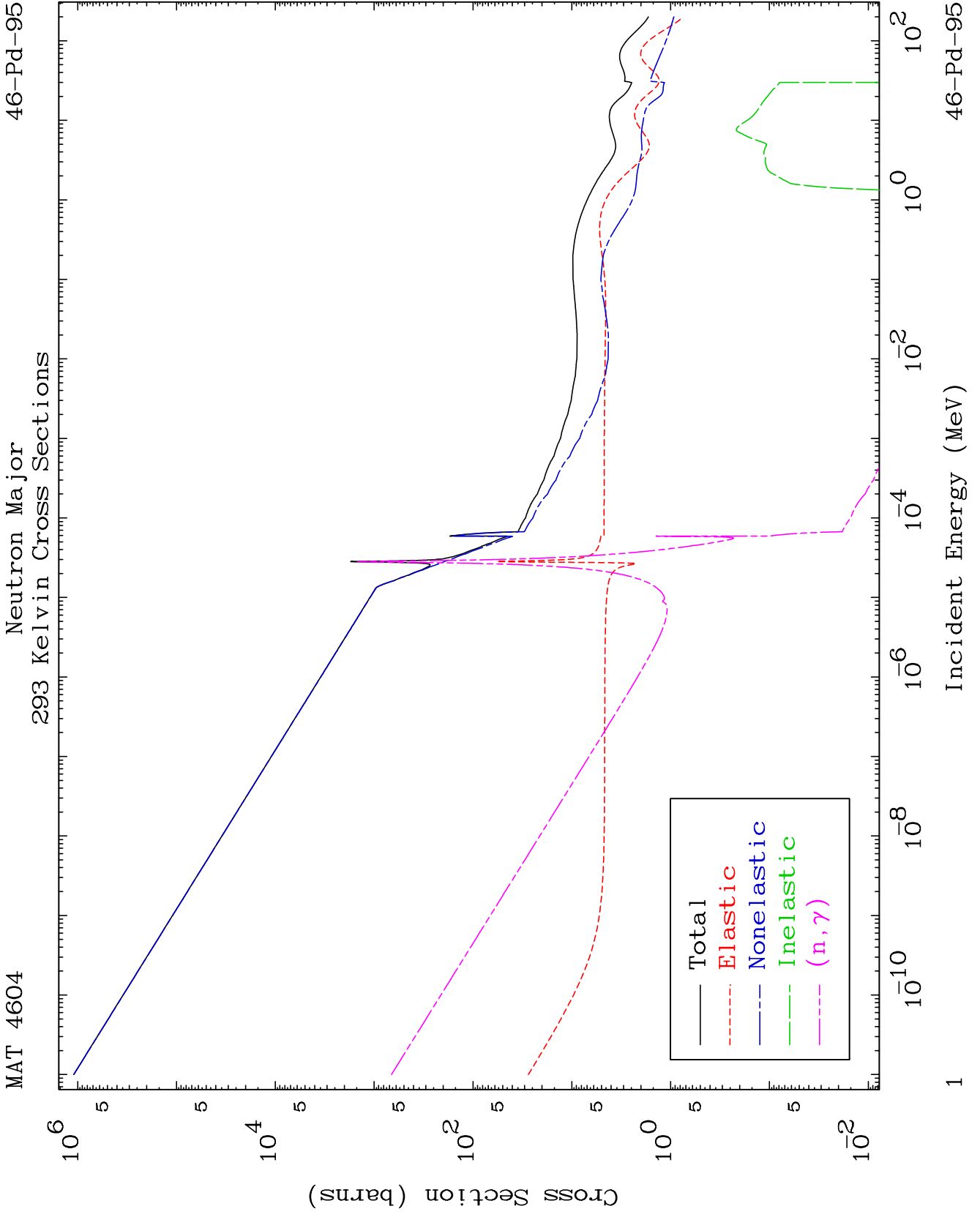
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

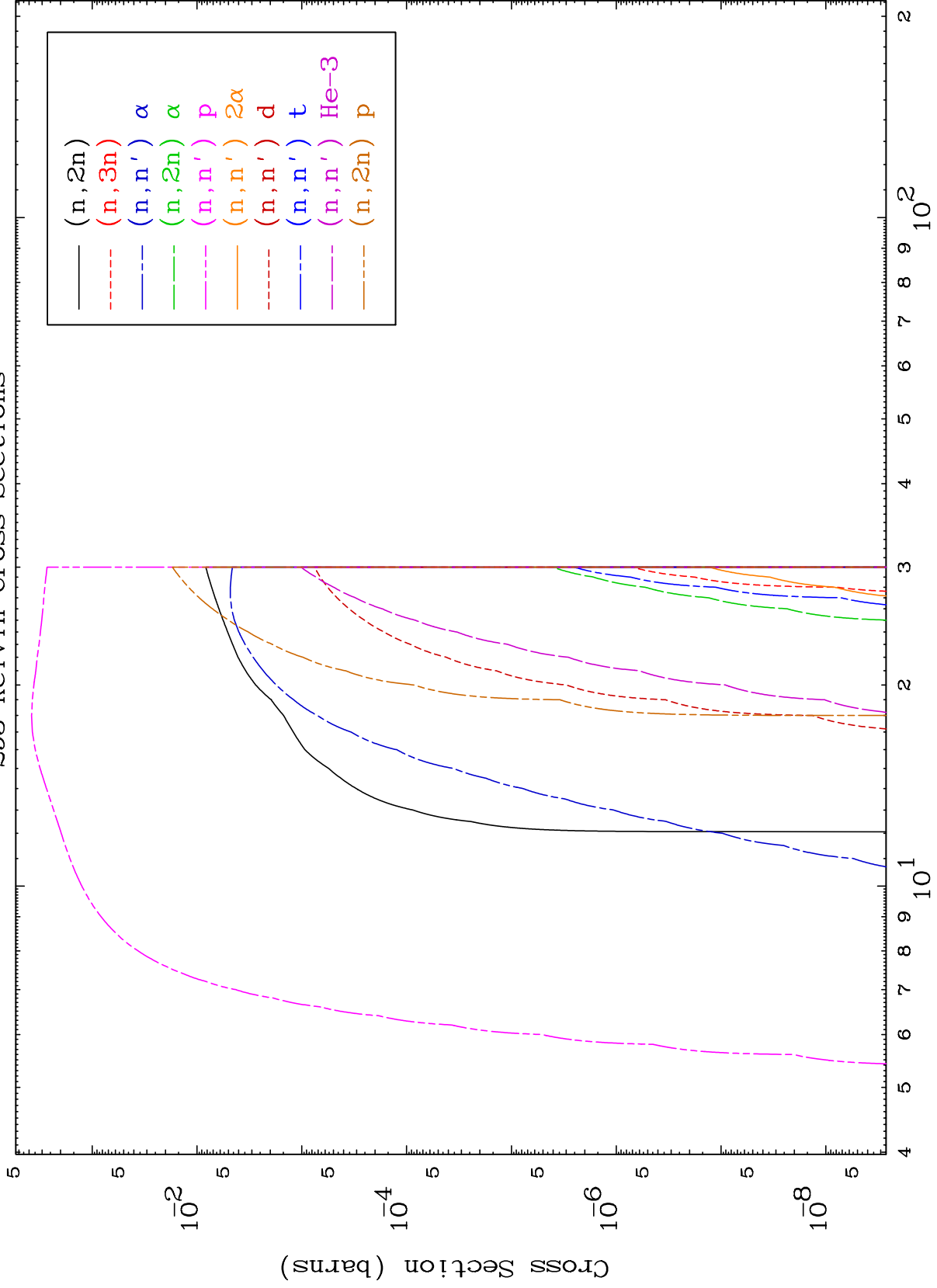
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

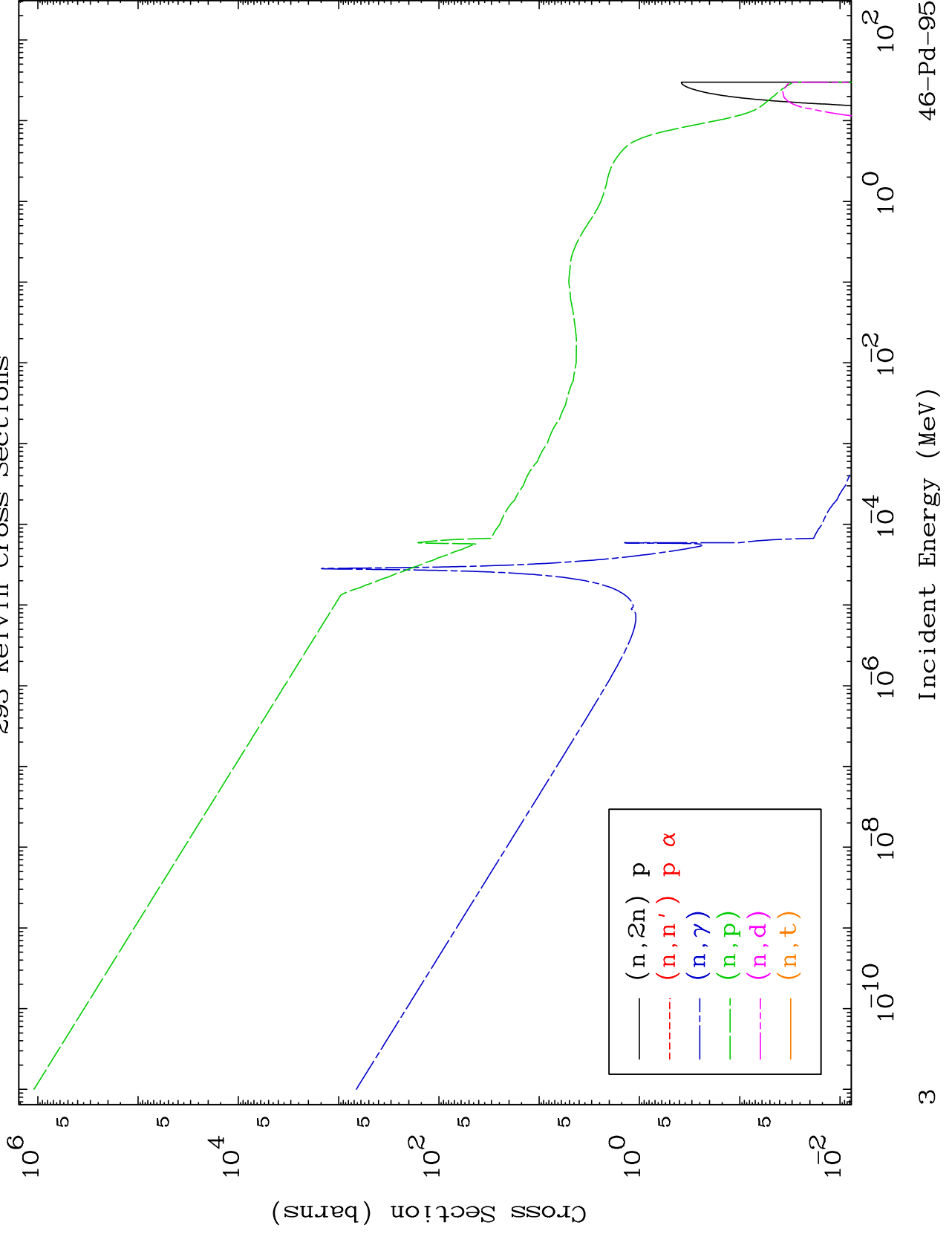




MAT 4604

Neutron Absorption  
293 Kelvin Cross Sections

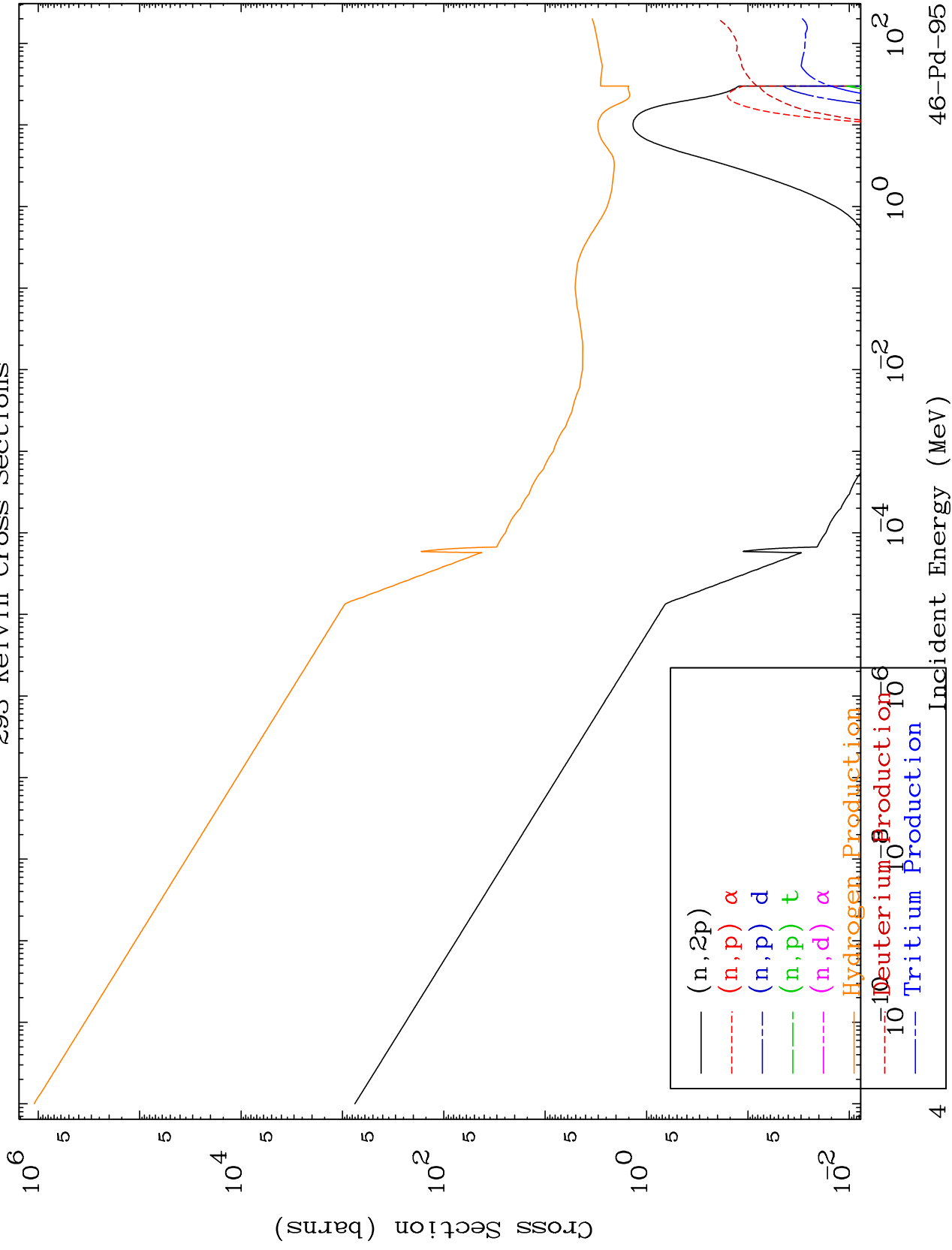
46-Pd-95



MAT 4604

Neutron Absorption  
293 Kelvin Cross Sections

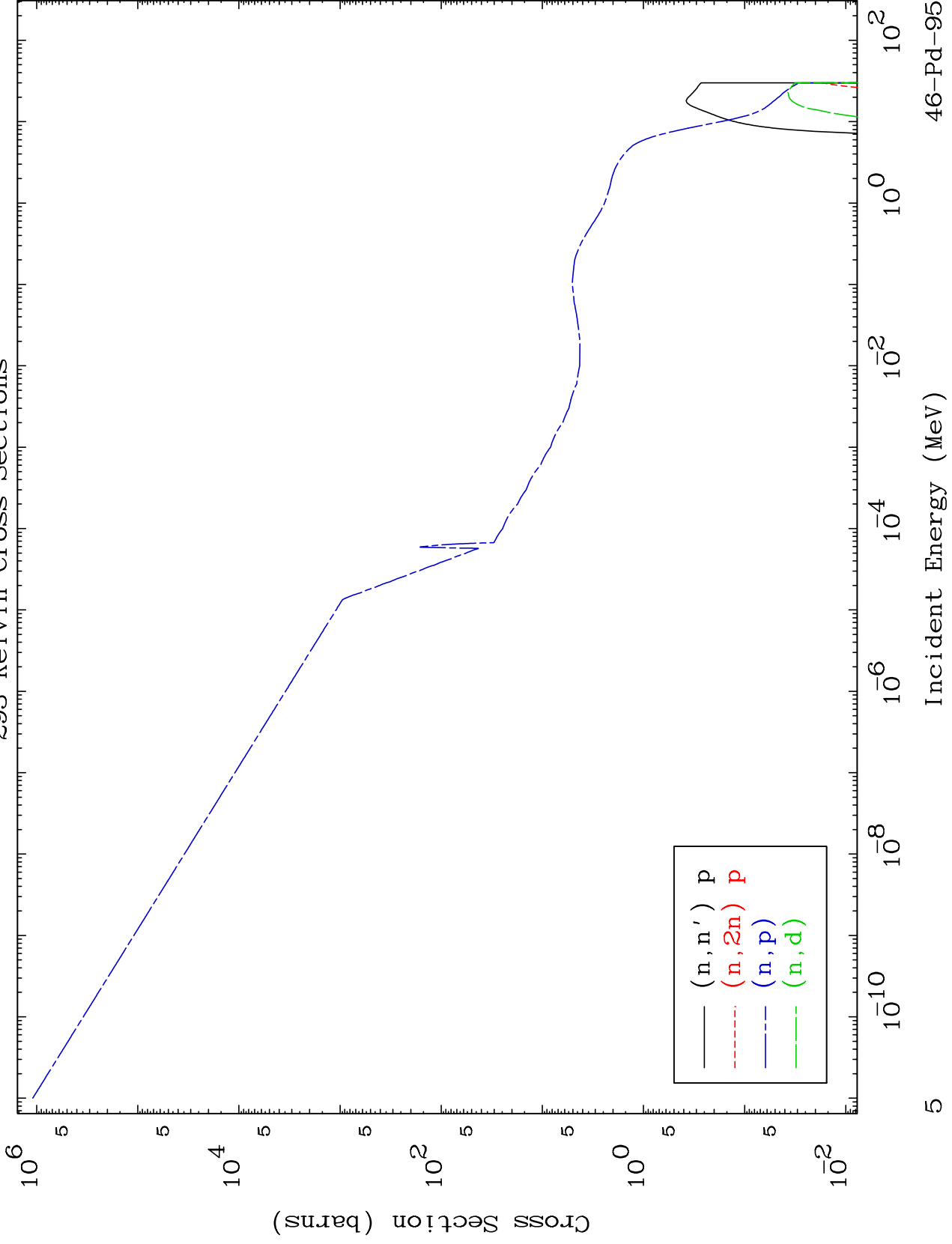
46-Pd-95



MAT 4604

Charged Particle  
293 Kelvin Cross Sections

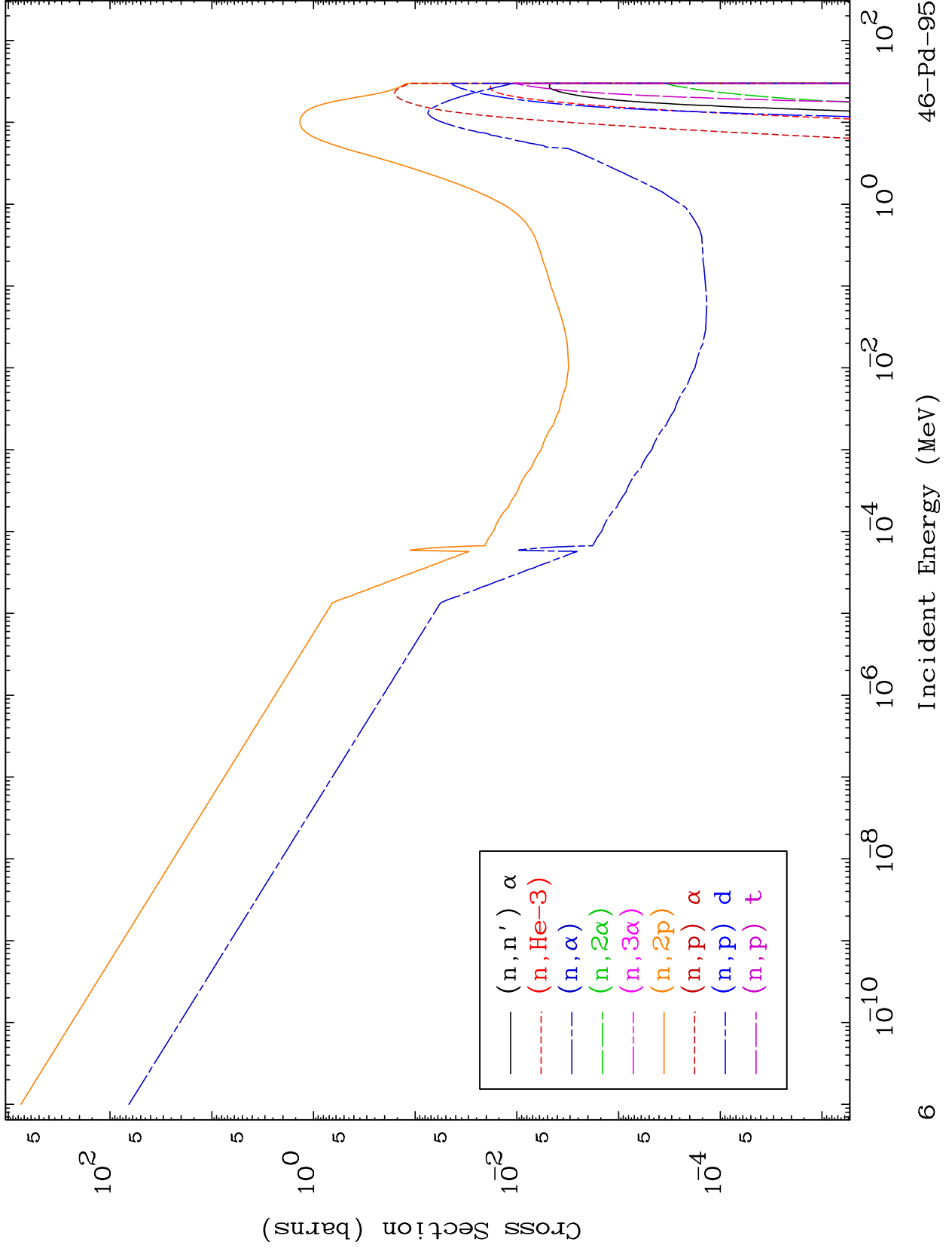
46-Pd-95



MAT 4604

Charged Particle  
293 Kelvin Cross Sections

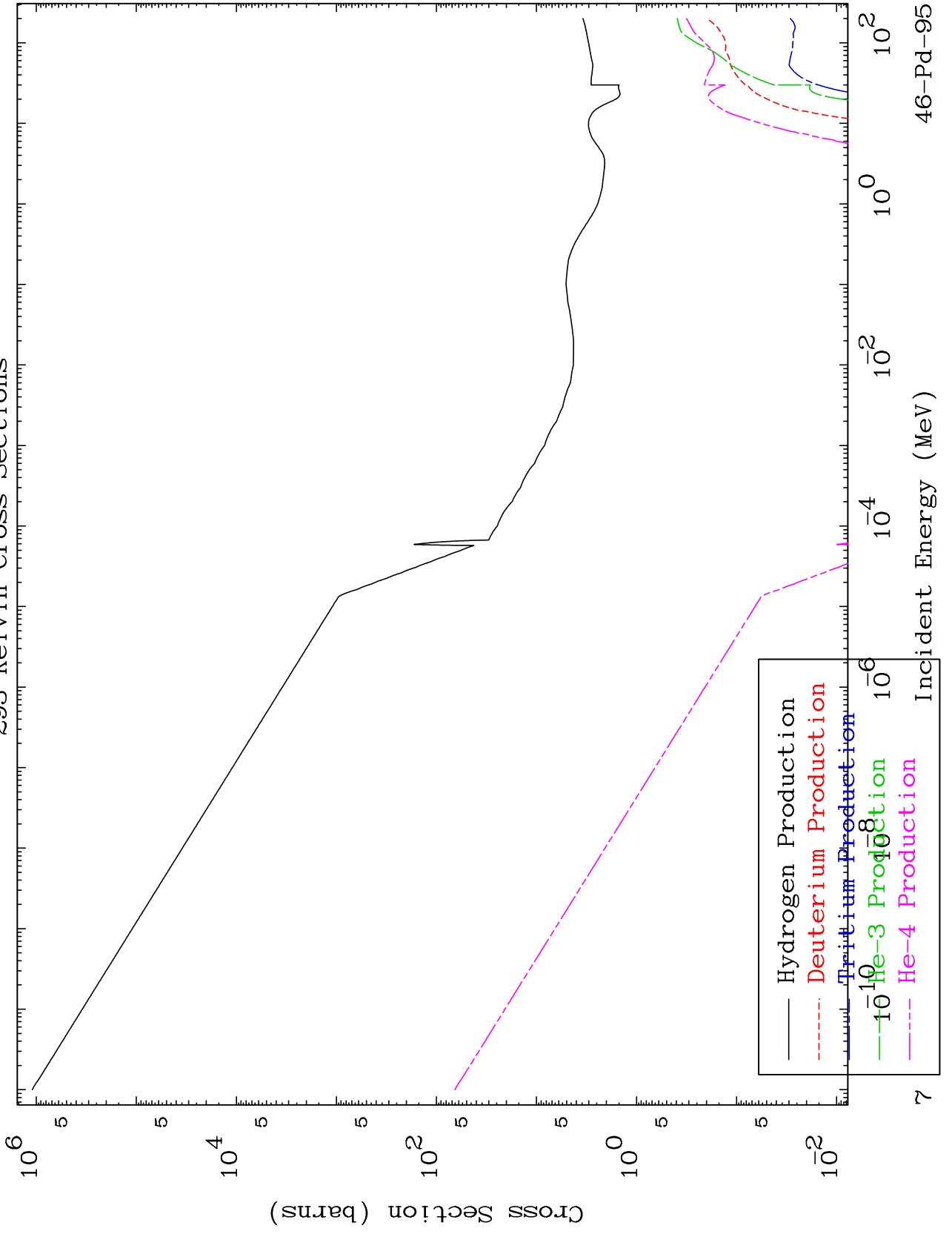
46-Pd-95



MAT 4604

Particle Production  
293 Kelvin Cross Sections

46-Pd-95



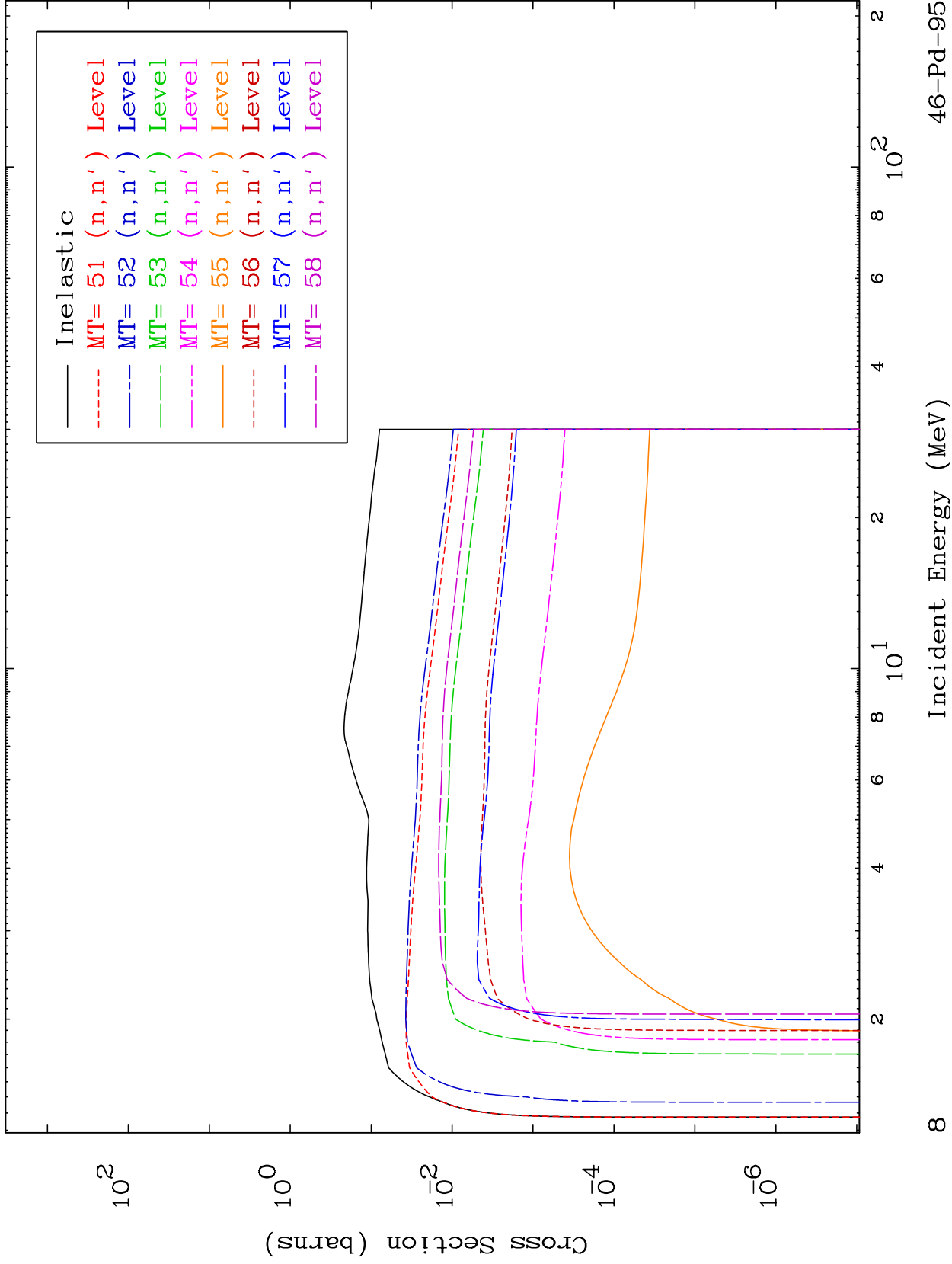


MAT 4604

(n,n') Levels

46-Pd-95

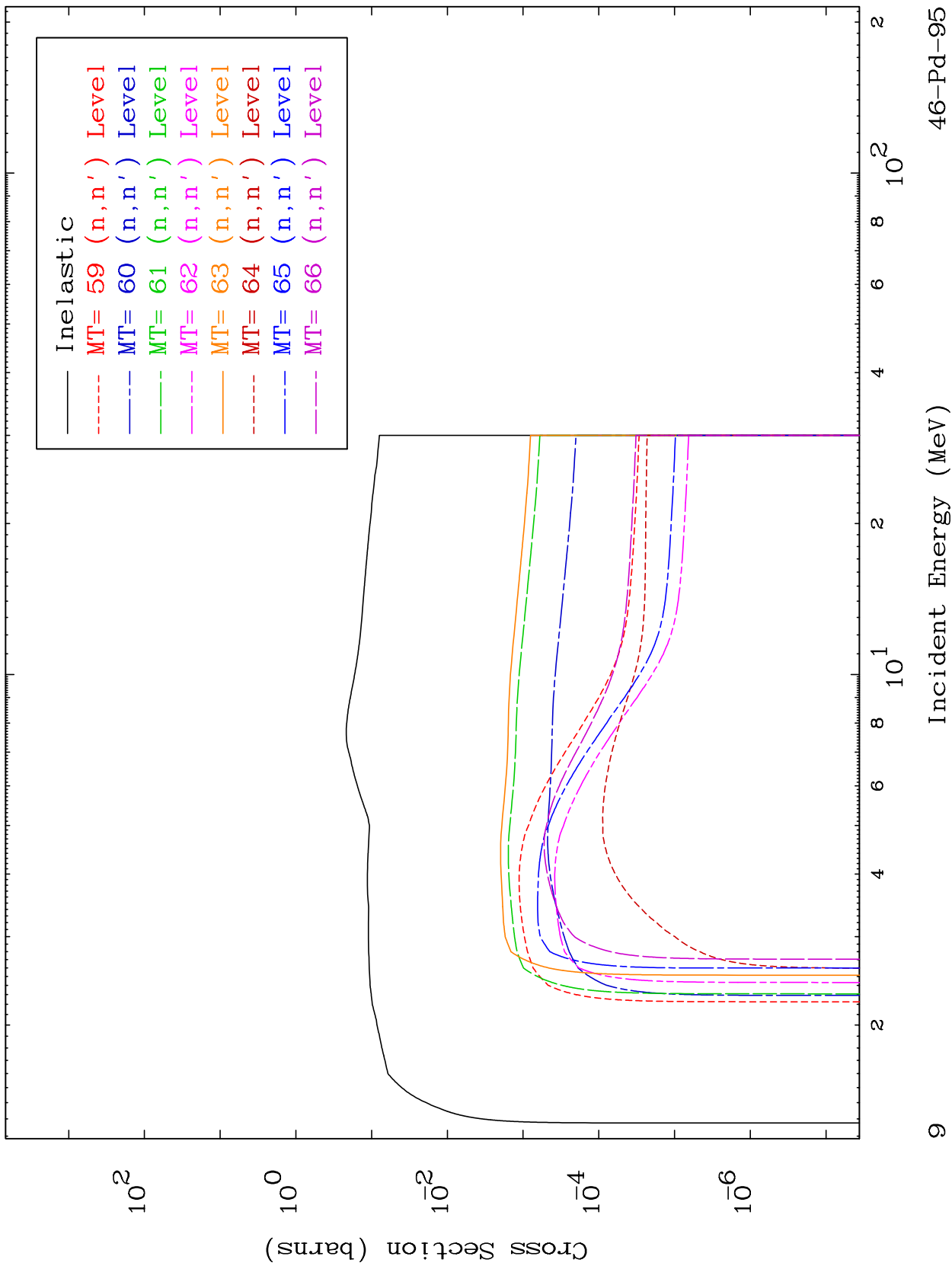
293 Kelvin Cross Sections



8

Incident Energy (MeV)

46-Pd-95

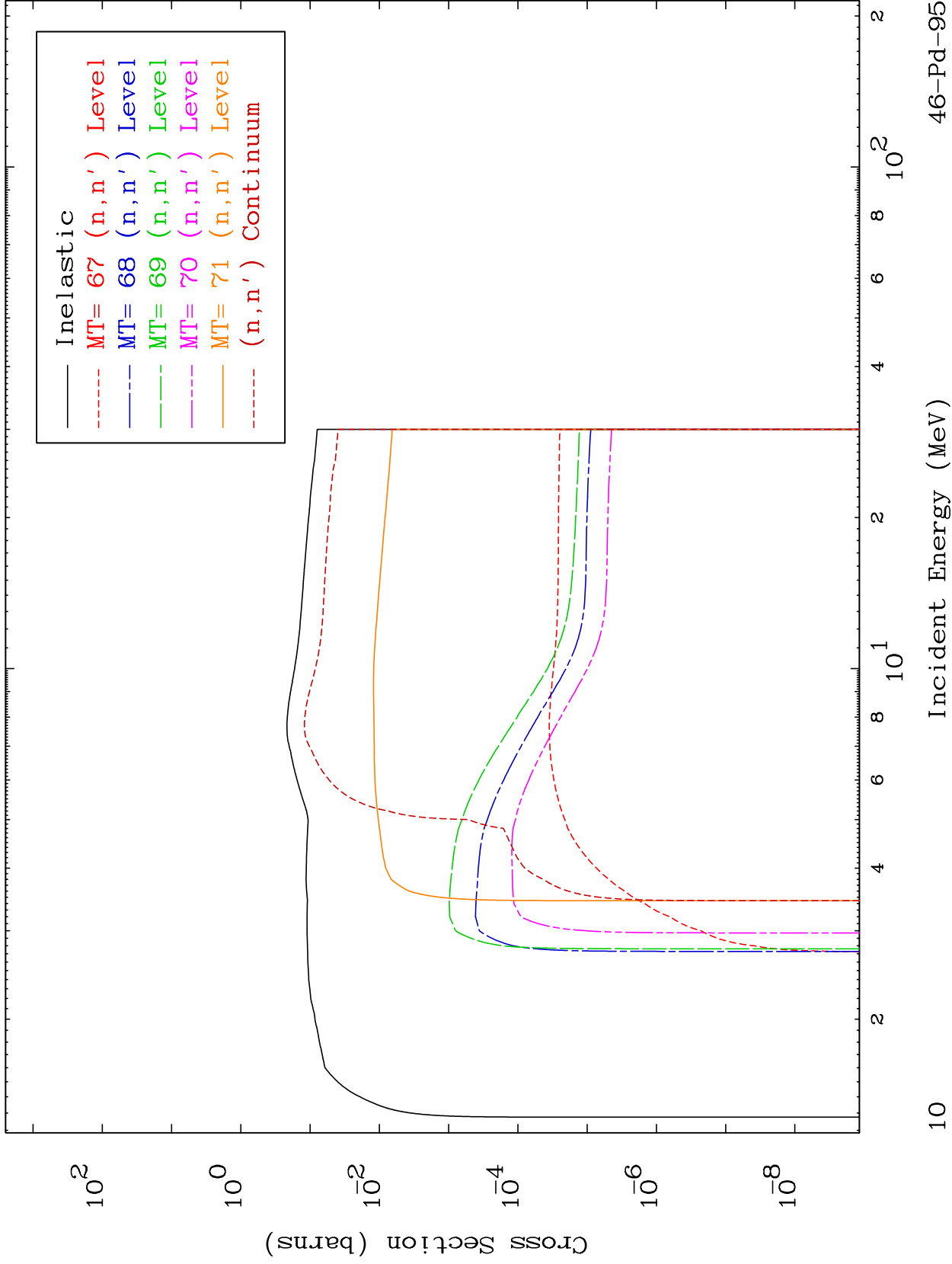


MAT 4604

(n,n') Levels

293 Kelvin Cross Sections

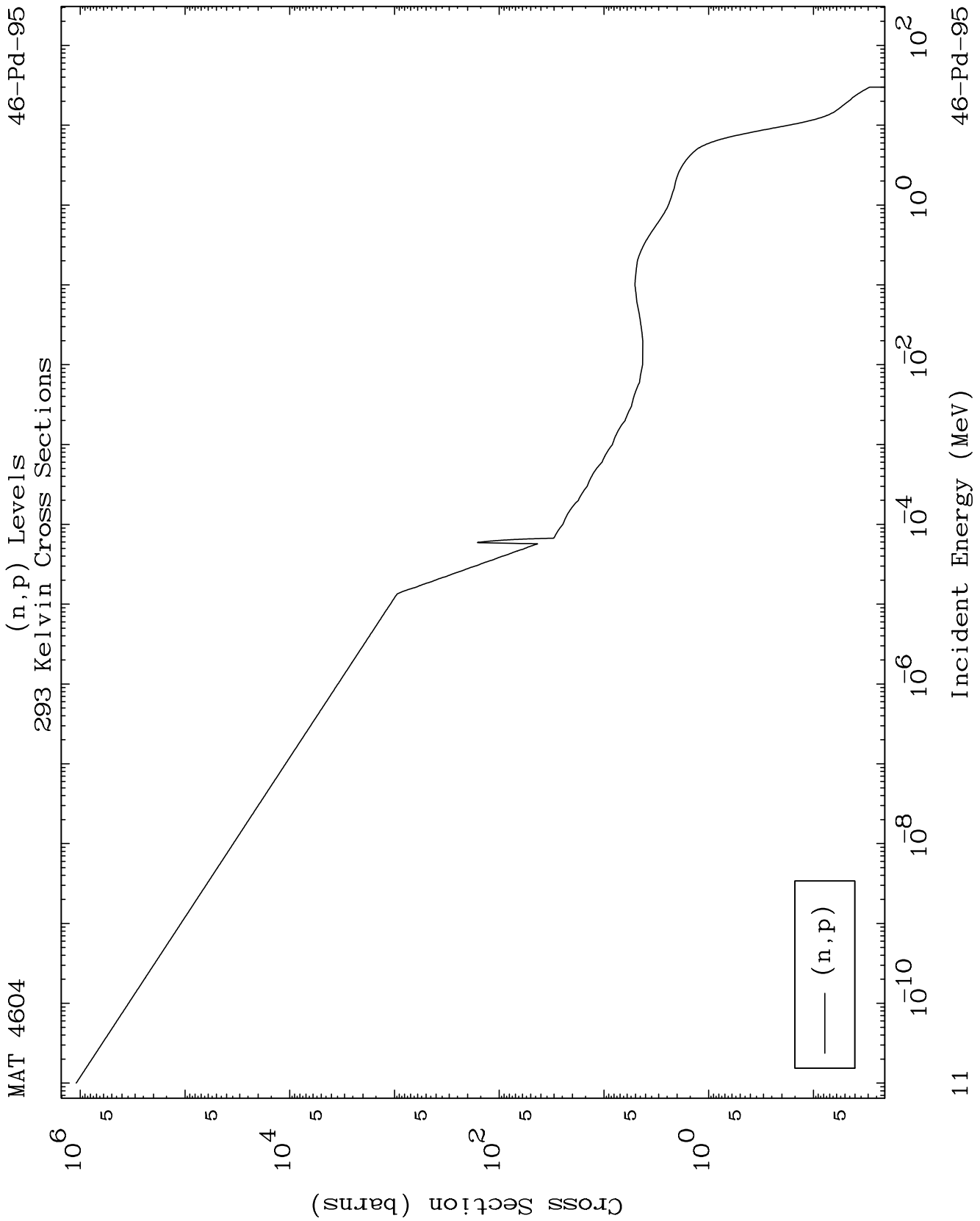
46-Pd-95



10

Incident Energy (MeV)

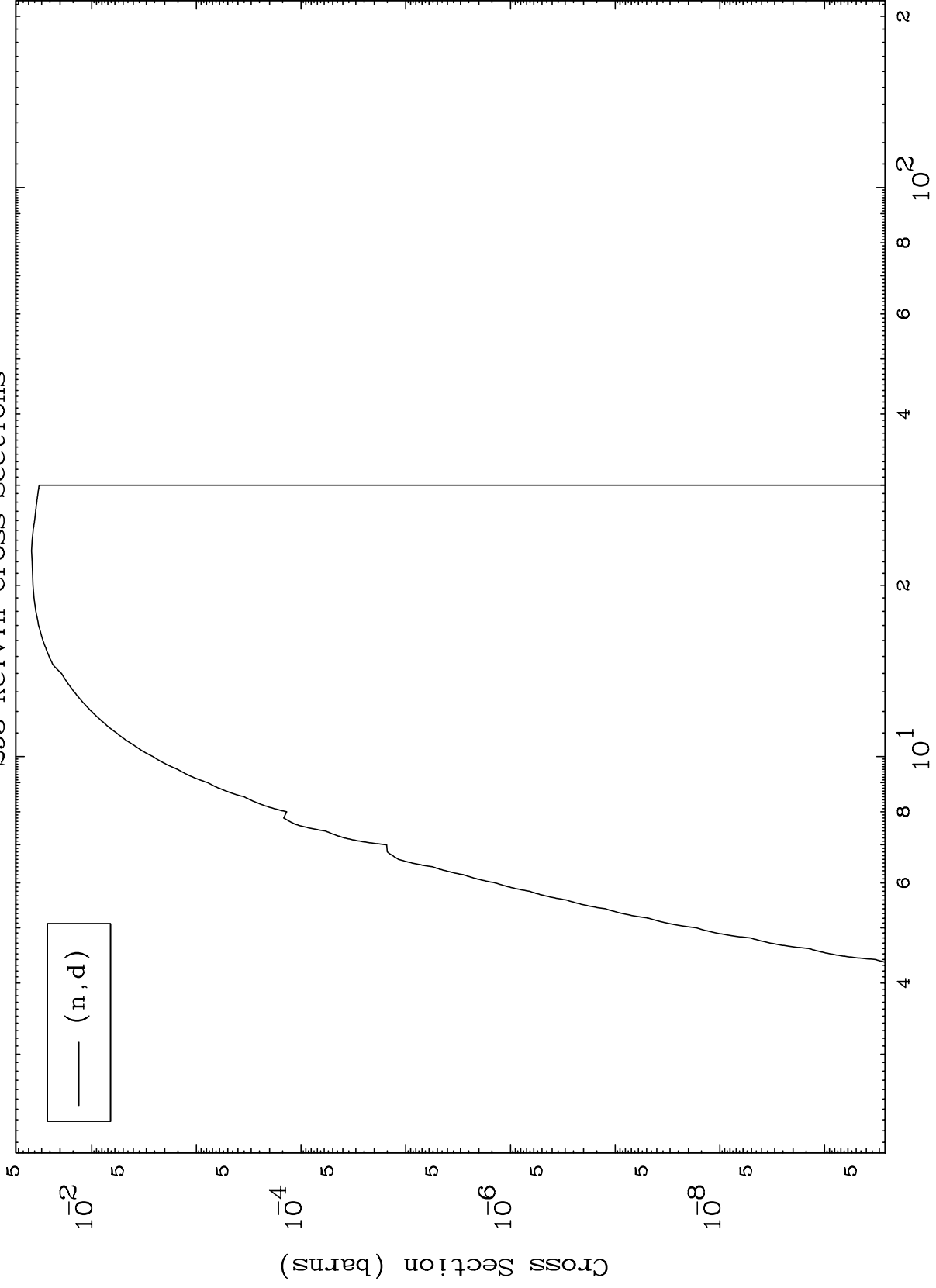
46-Pd-95



MAT 4604

(n,d) Levels  
293 Kelvin Cross Sections

46-Pd-95



12

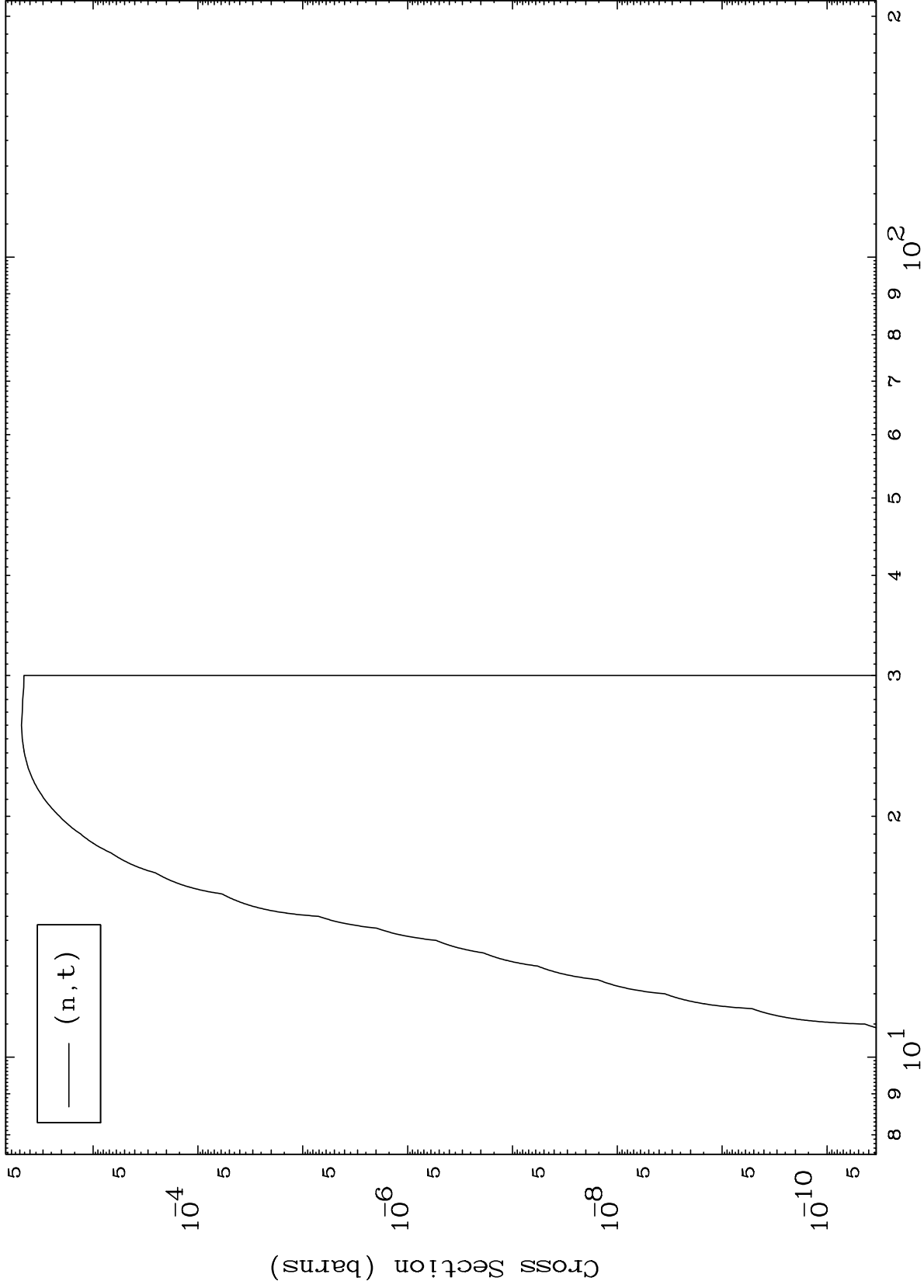
Incident Energy (MeV)

46-Pd-95

MAT 4604

(n,t) Levels  
293 Kelvin Cross Sections

46-Pd-95



13

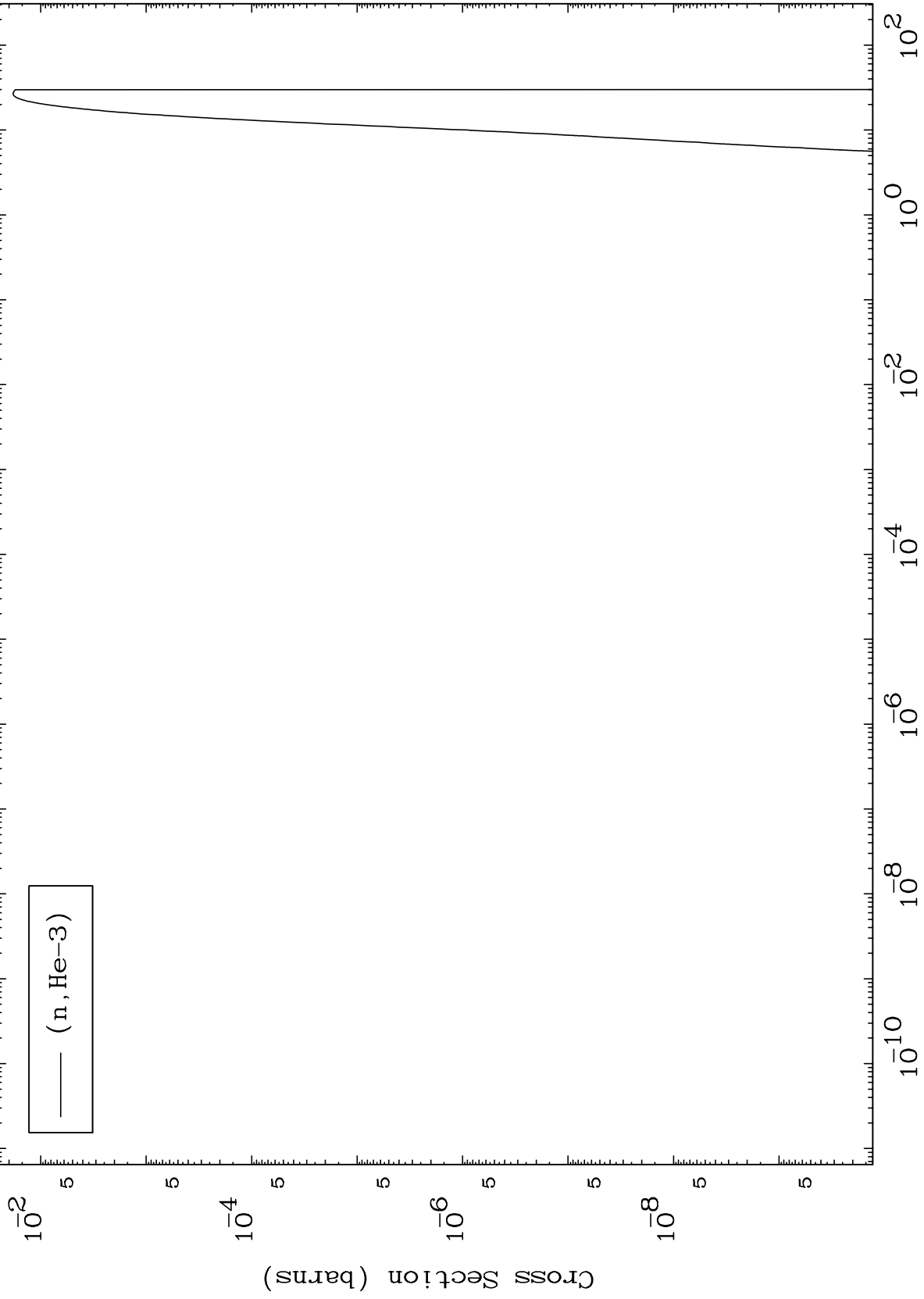
Incident Energy (MeV)

46-Pd-95

MAT 4604

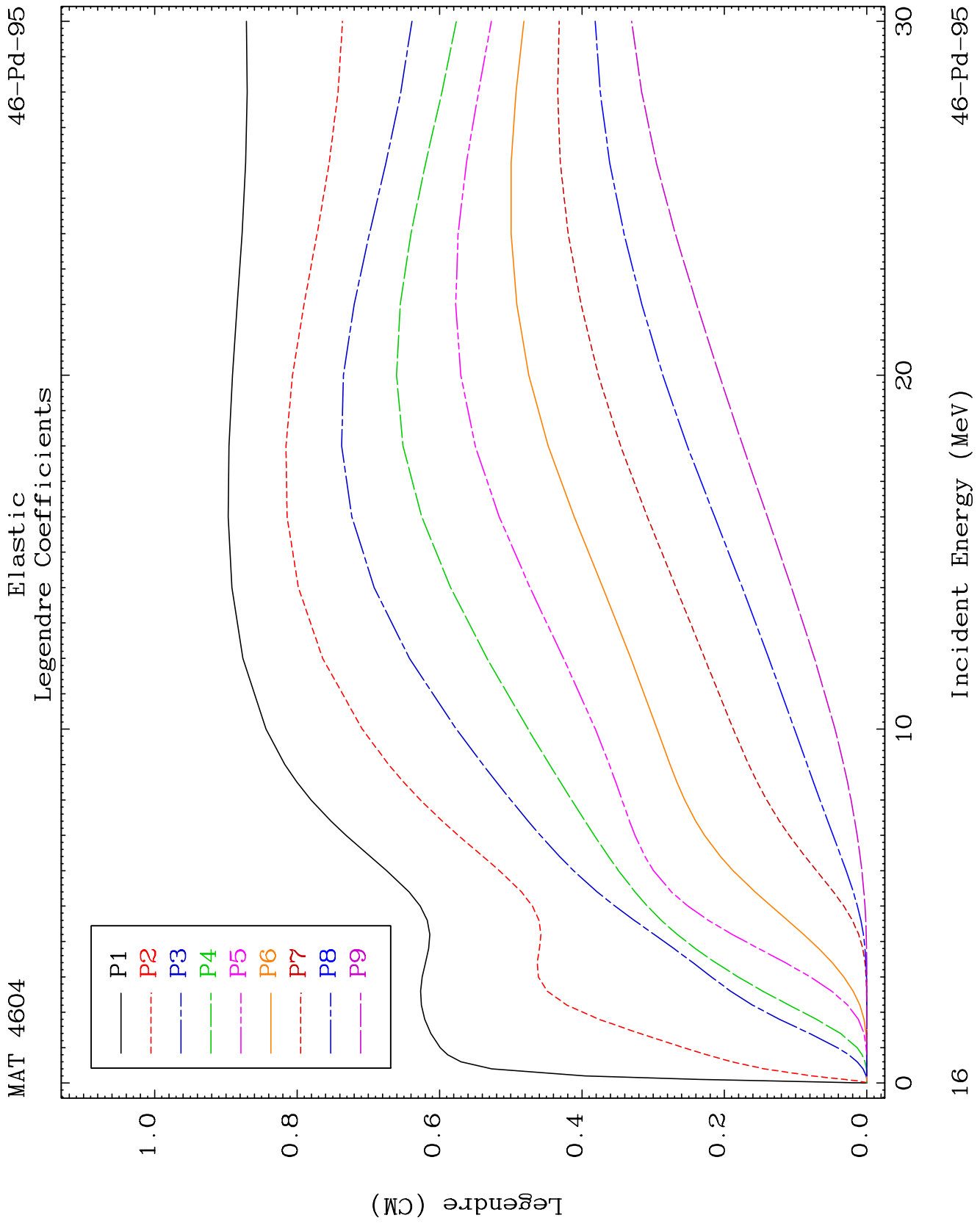
(n,He3) Levels  
293 Kelvin Cross Sections

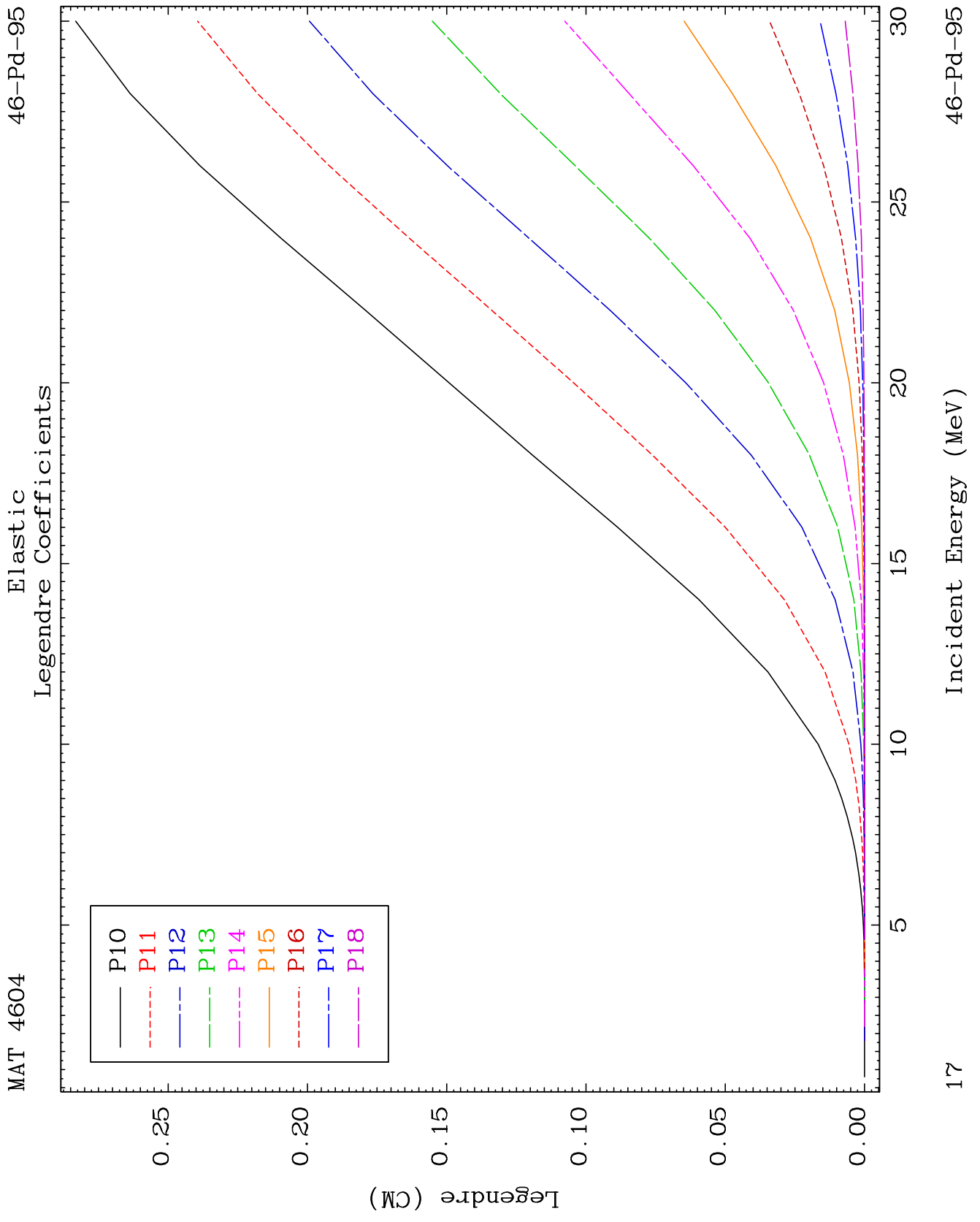
46-Pd-95







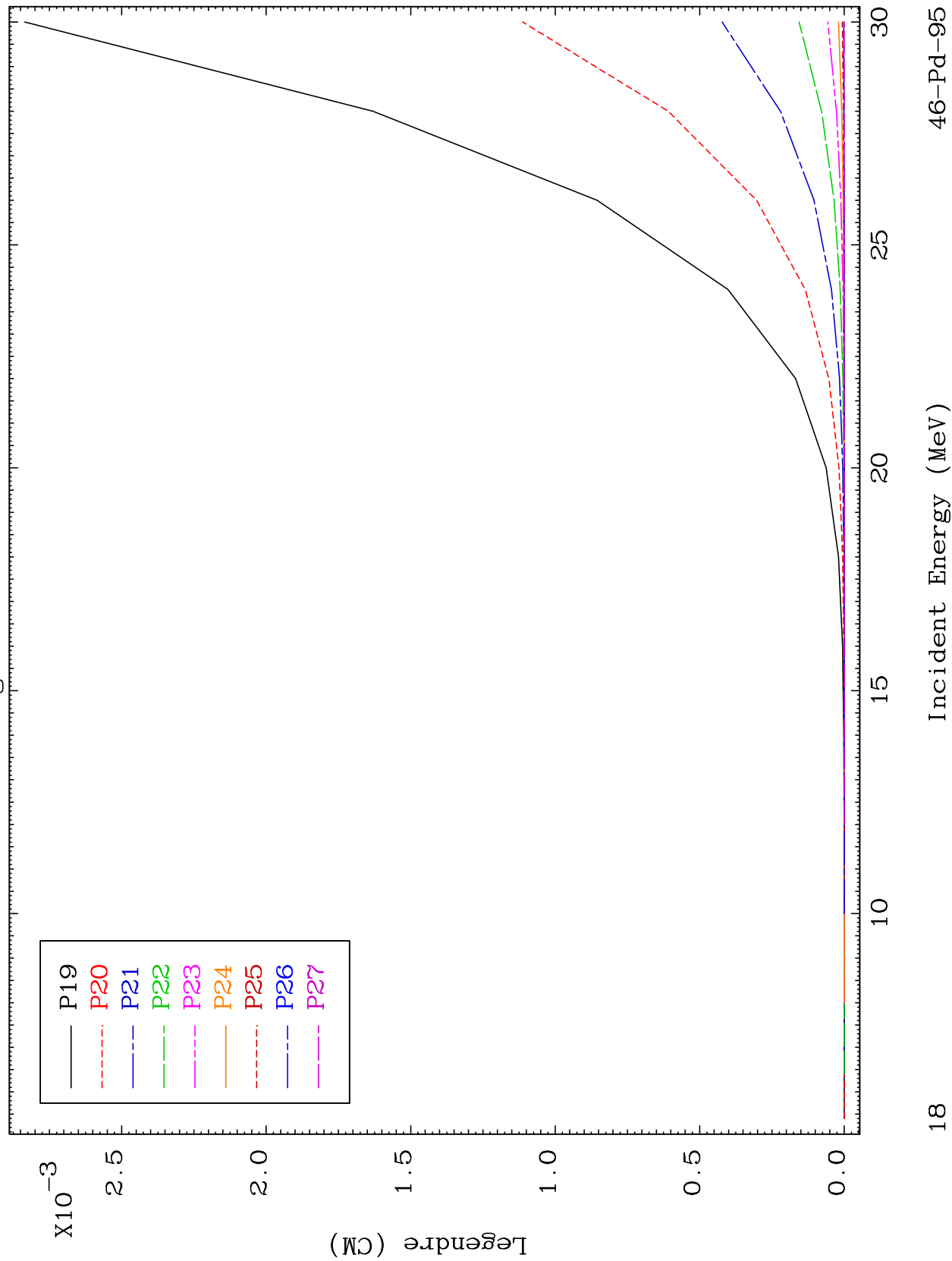




MAT 4604

Elastic  
Legendre Coefficients

46-Pd-95



18

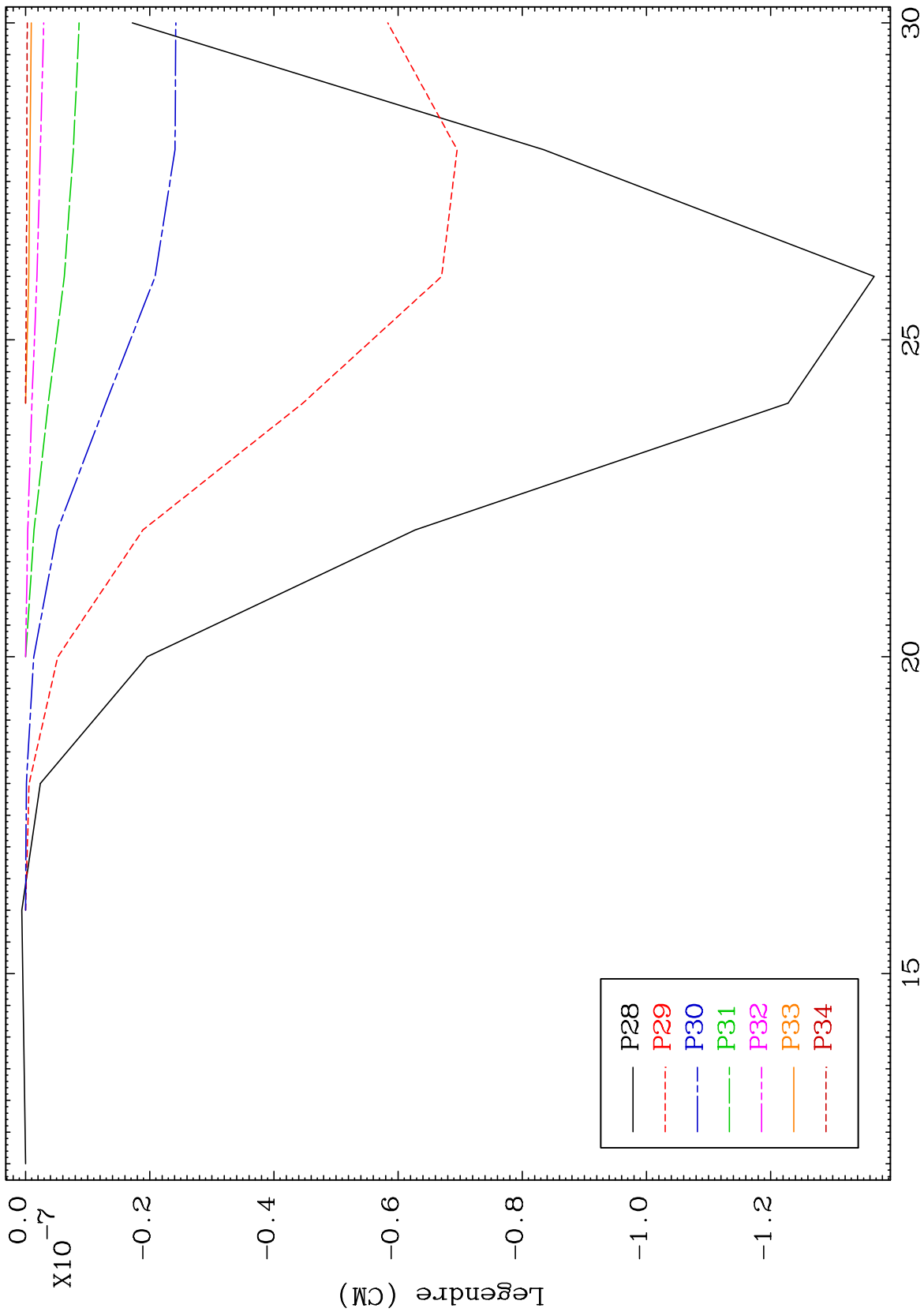
Incident Energy (MeV)

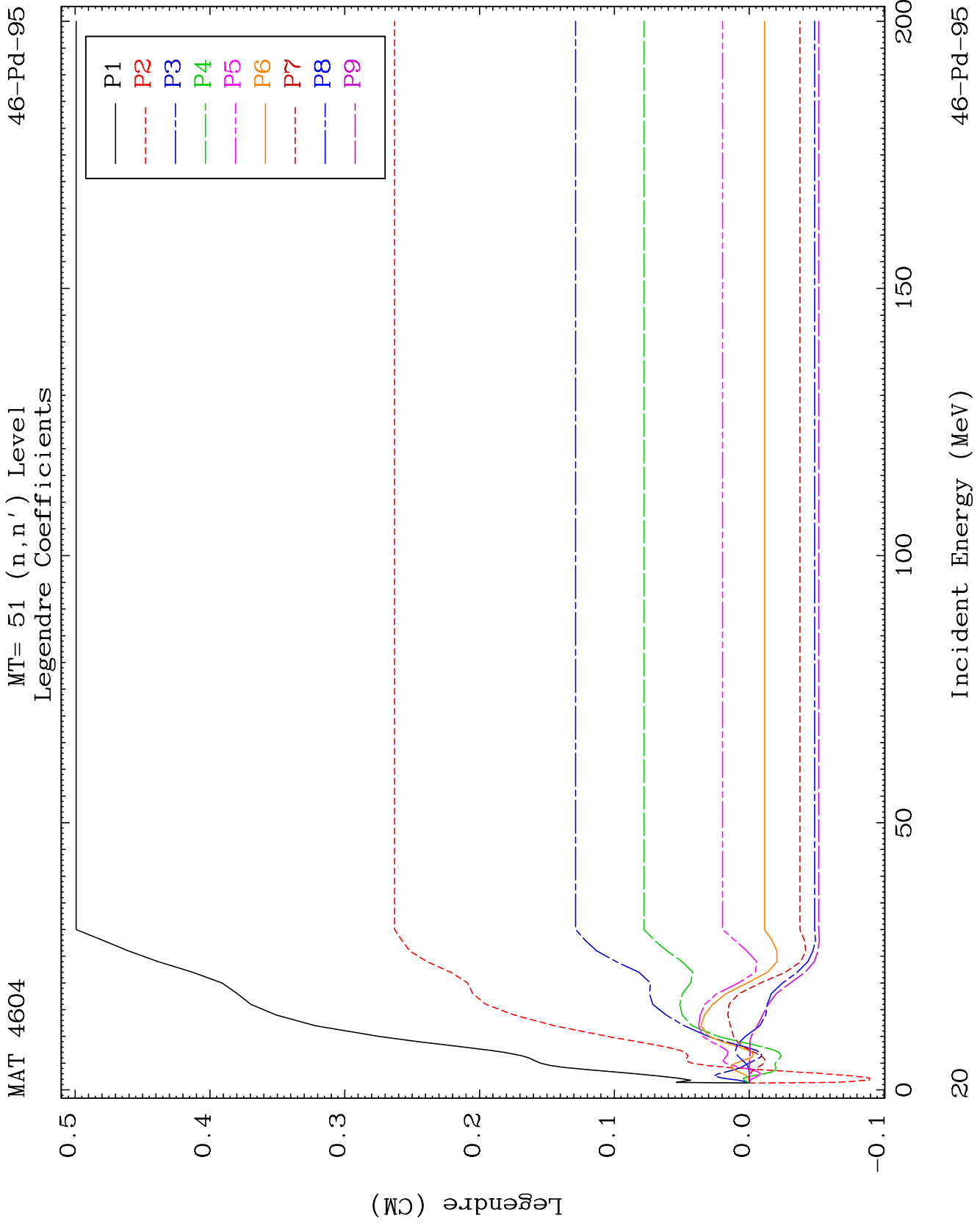
46-Pd-95

MAT 4604

46-Pd-95

Elastic Legendre Coefficients

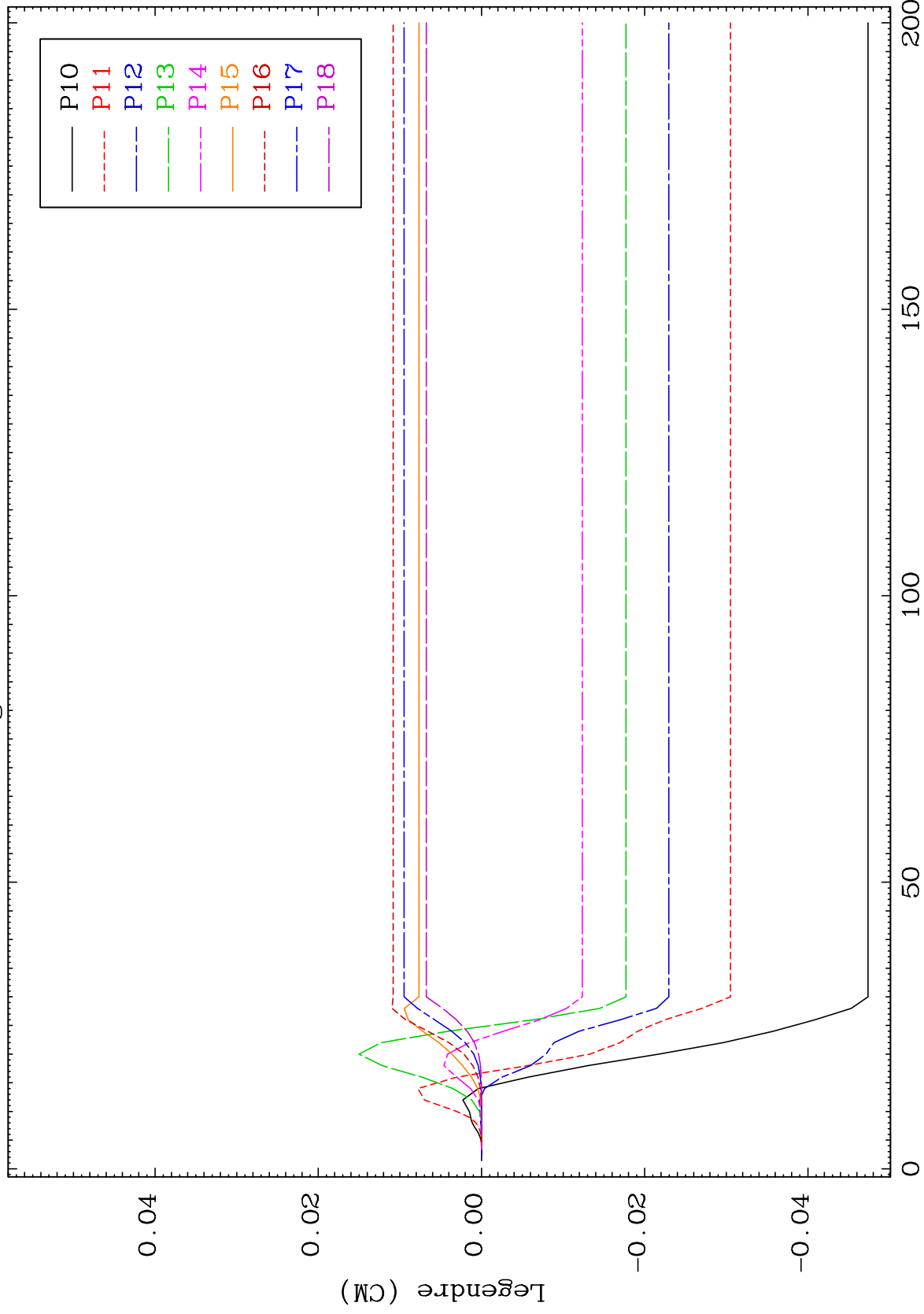




MAT 4604

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

46-Pd-95



21

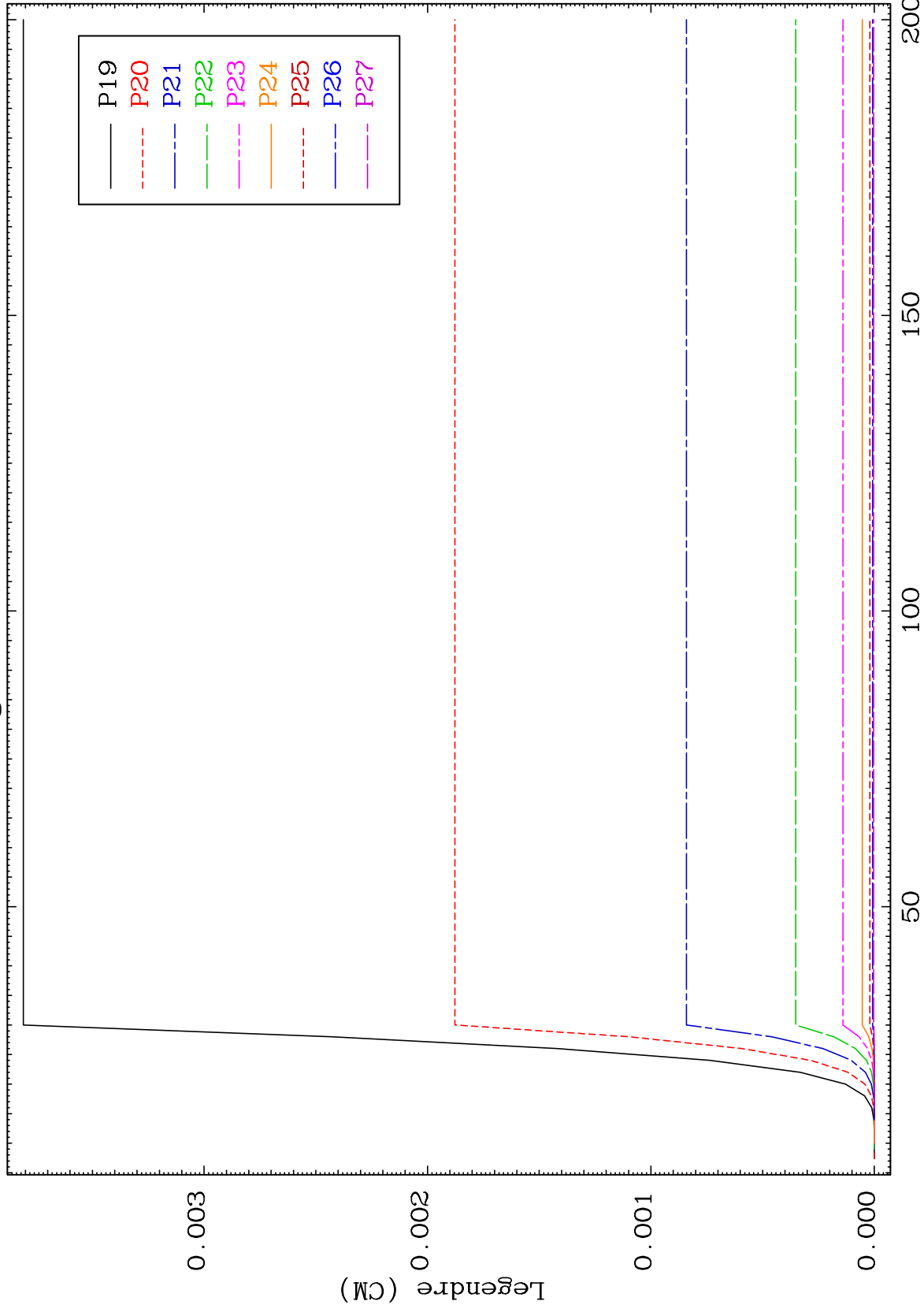
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



22

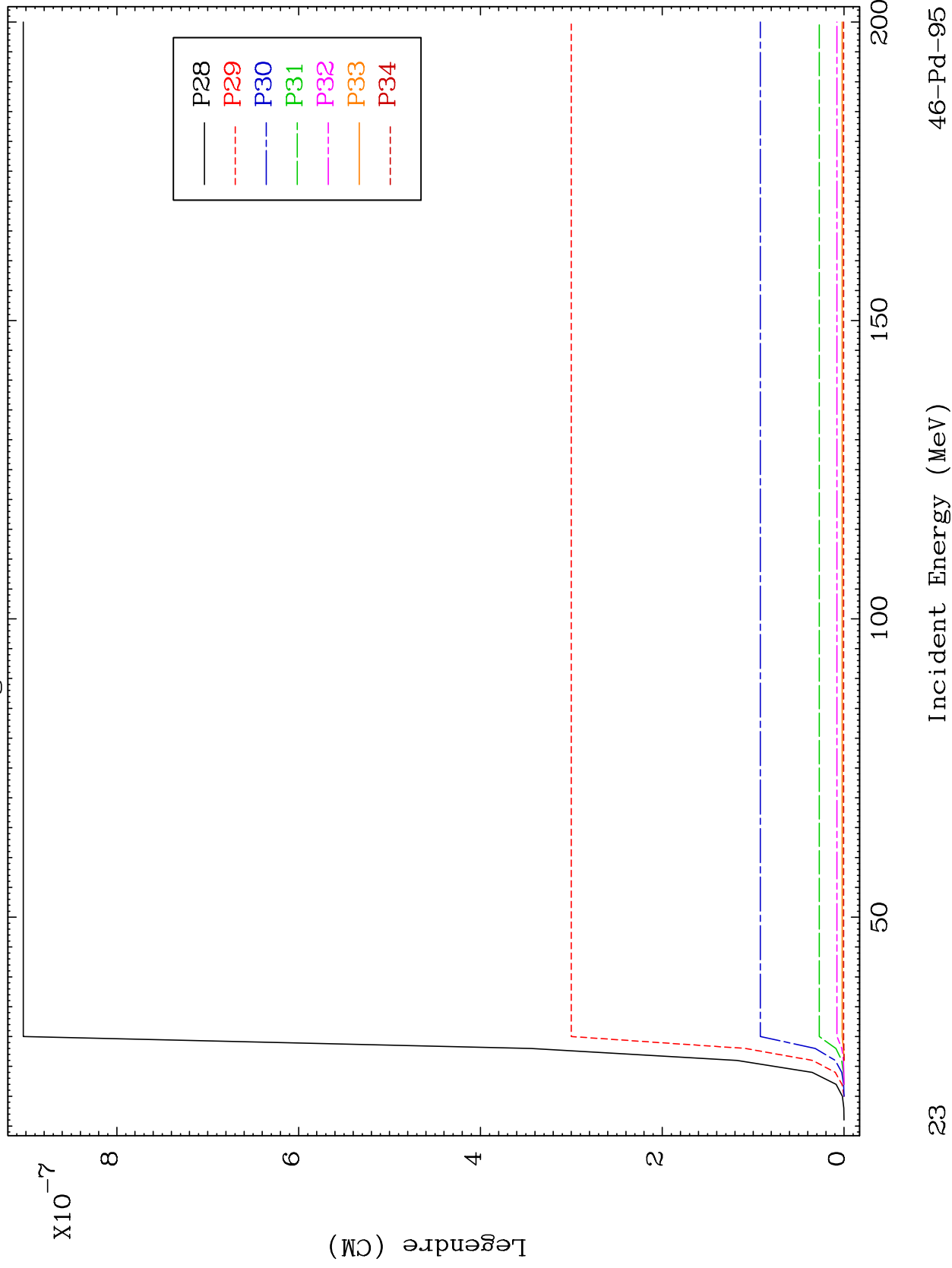
Incident Energy (MeV)

46-Pd-95

MAT 4604

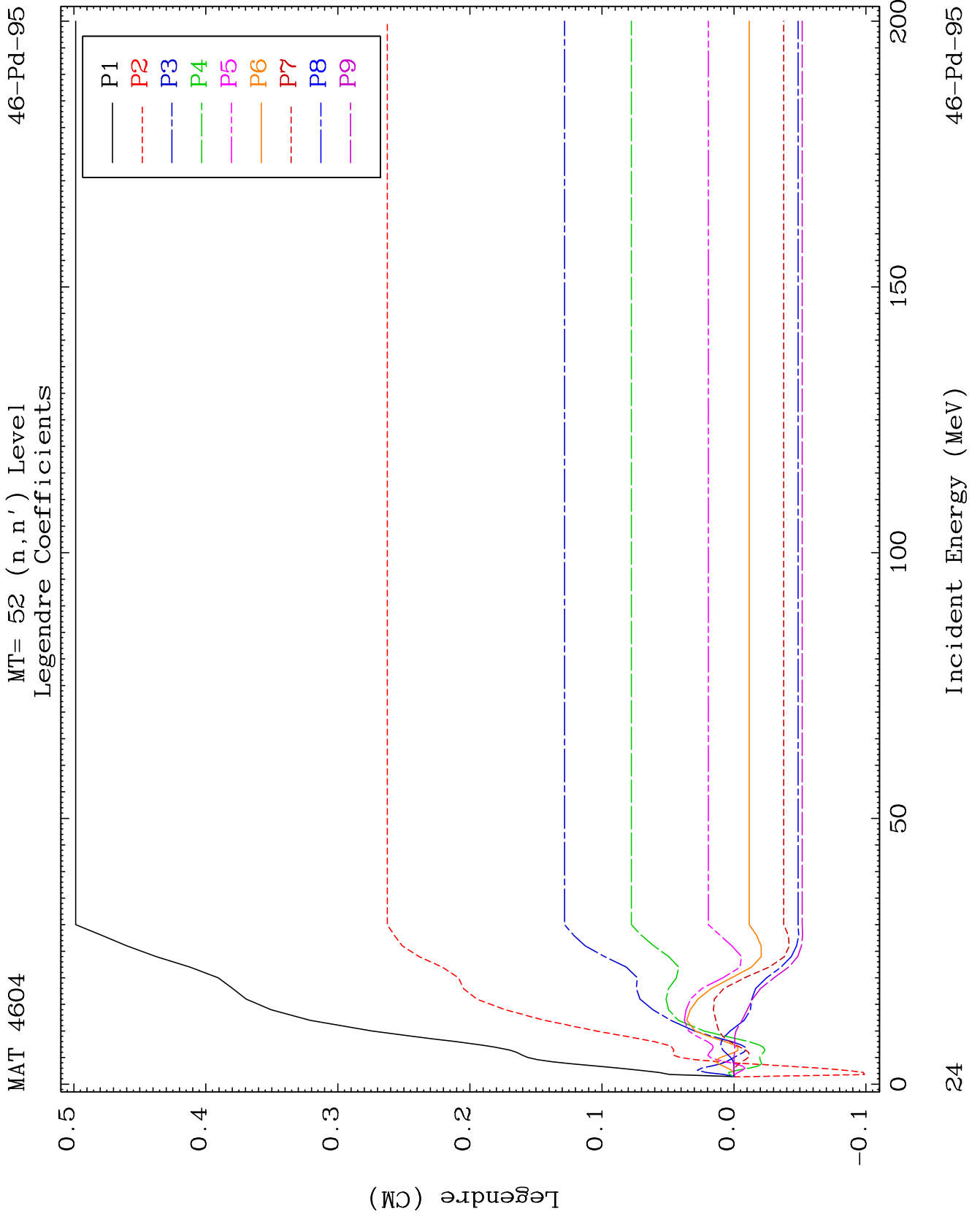
MT= 51 (n,n') Level  
Legendre Coefficients

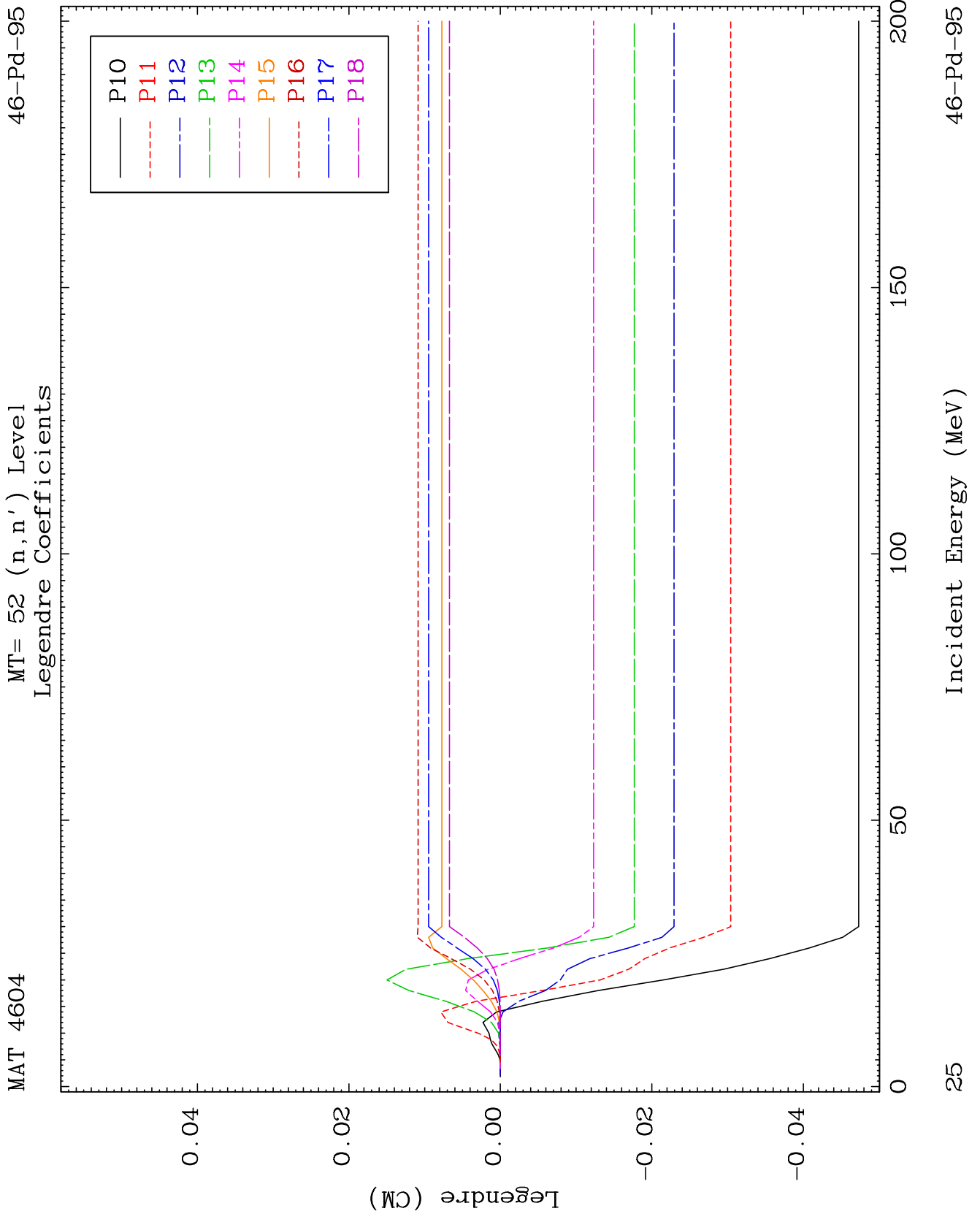
46-Pd-95



23



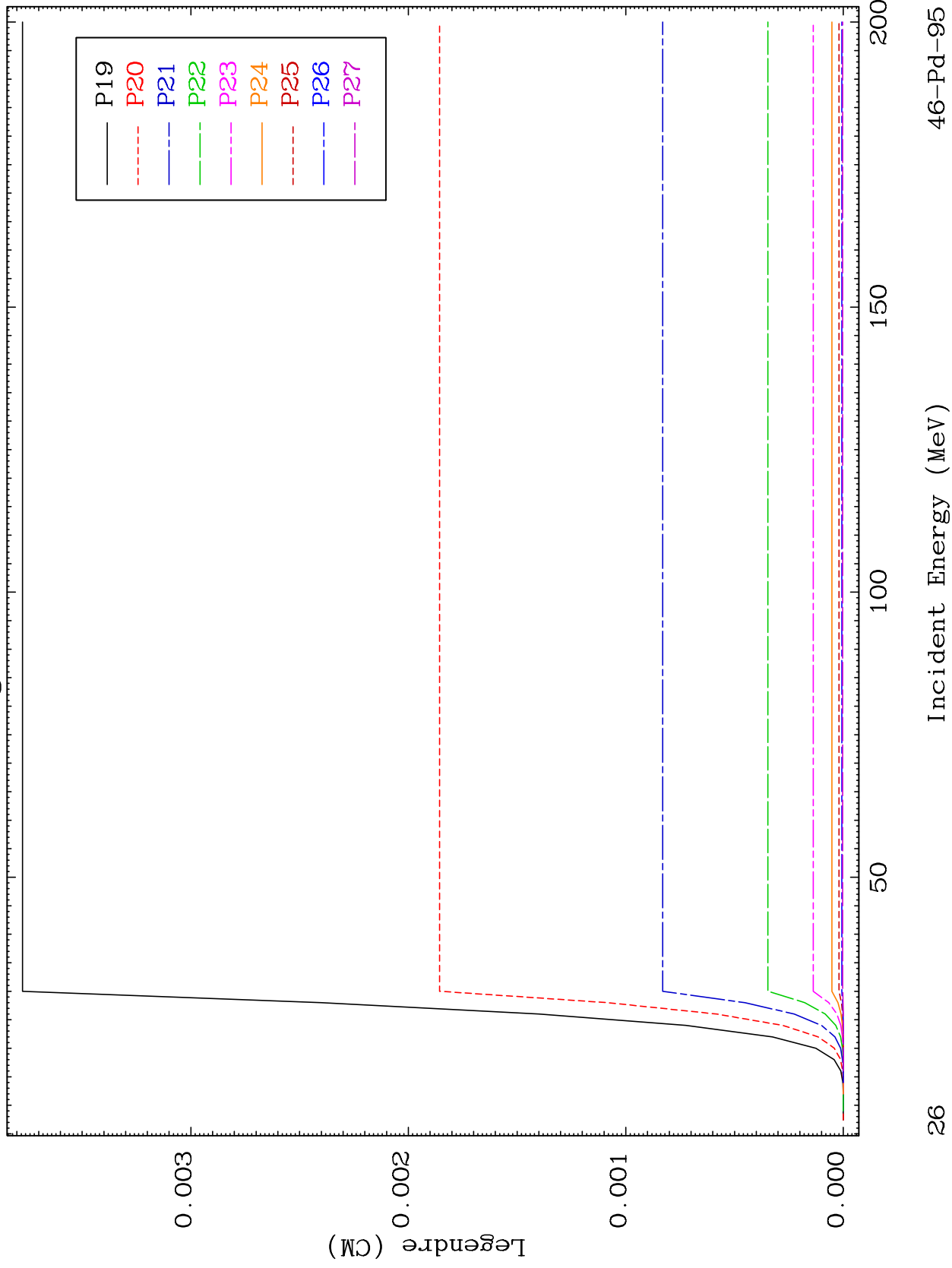




MAT 4604

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

46-Pd-95



26

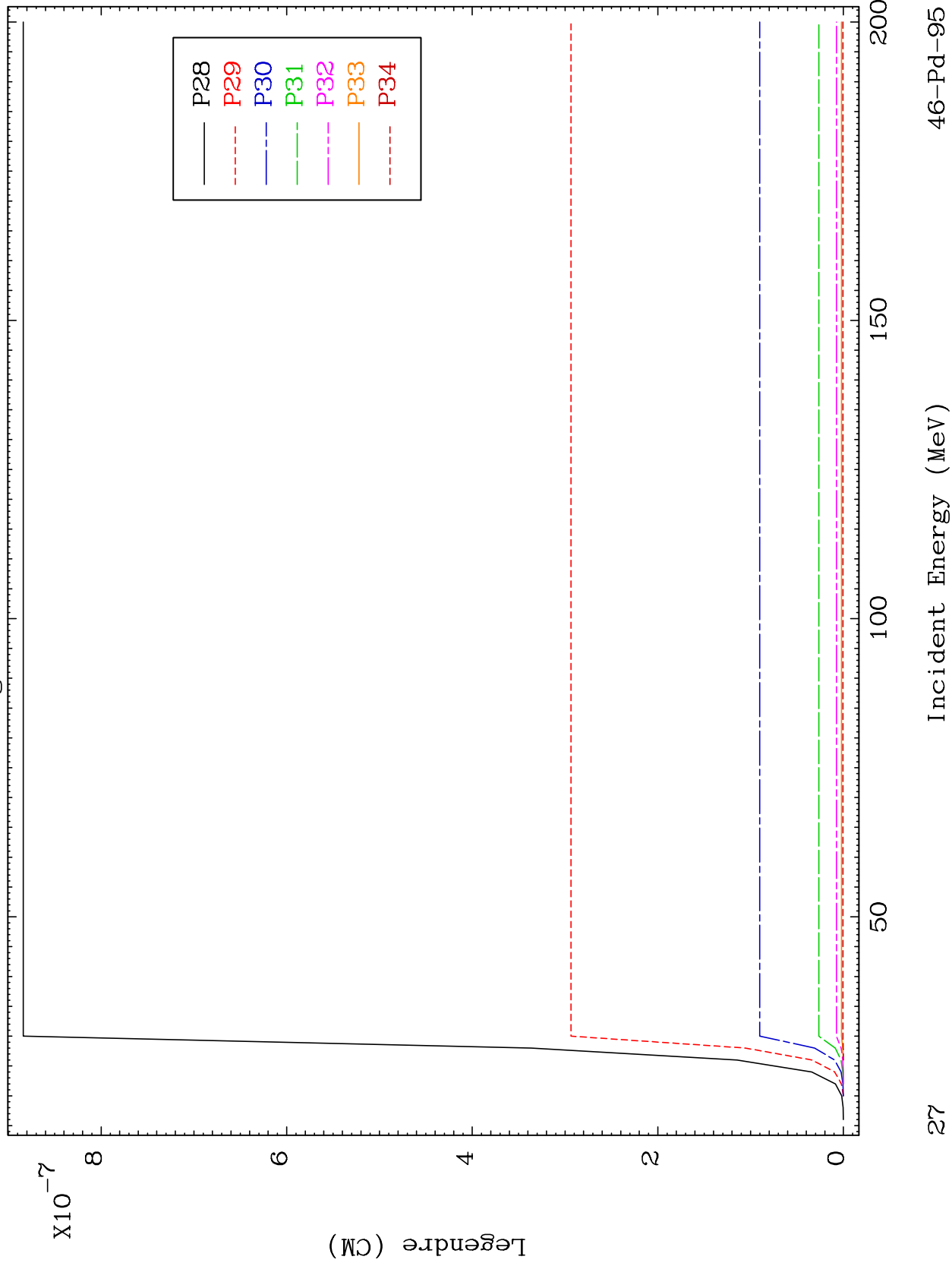
Incident Energy (MeV)

46-Pd-95

MAT 4604

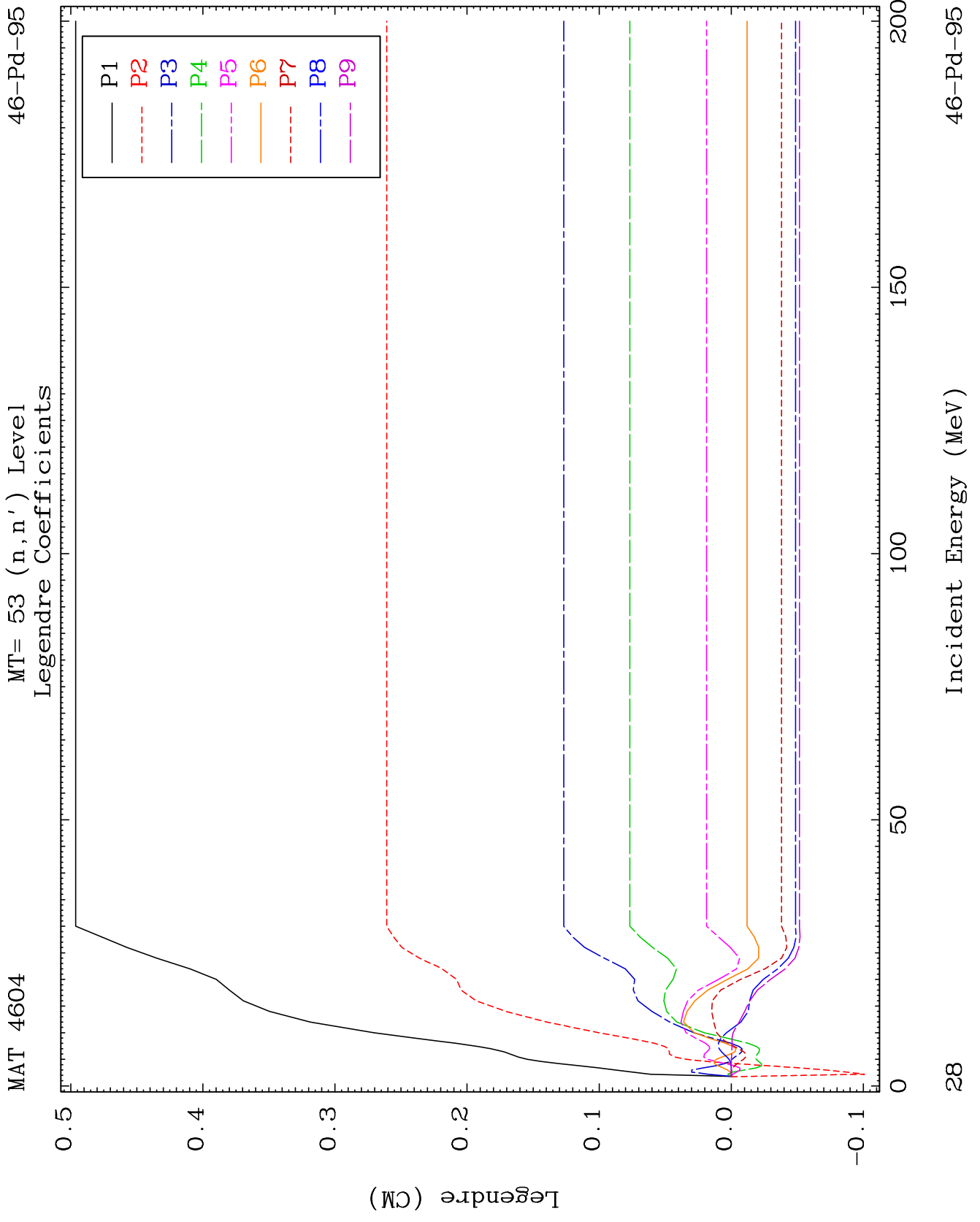
MT= 52 (n,n') Level  
Legendre Coefficients

46-Pd-95



27

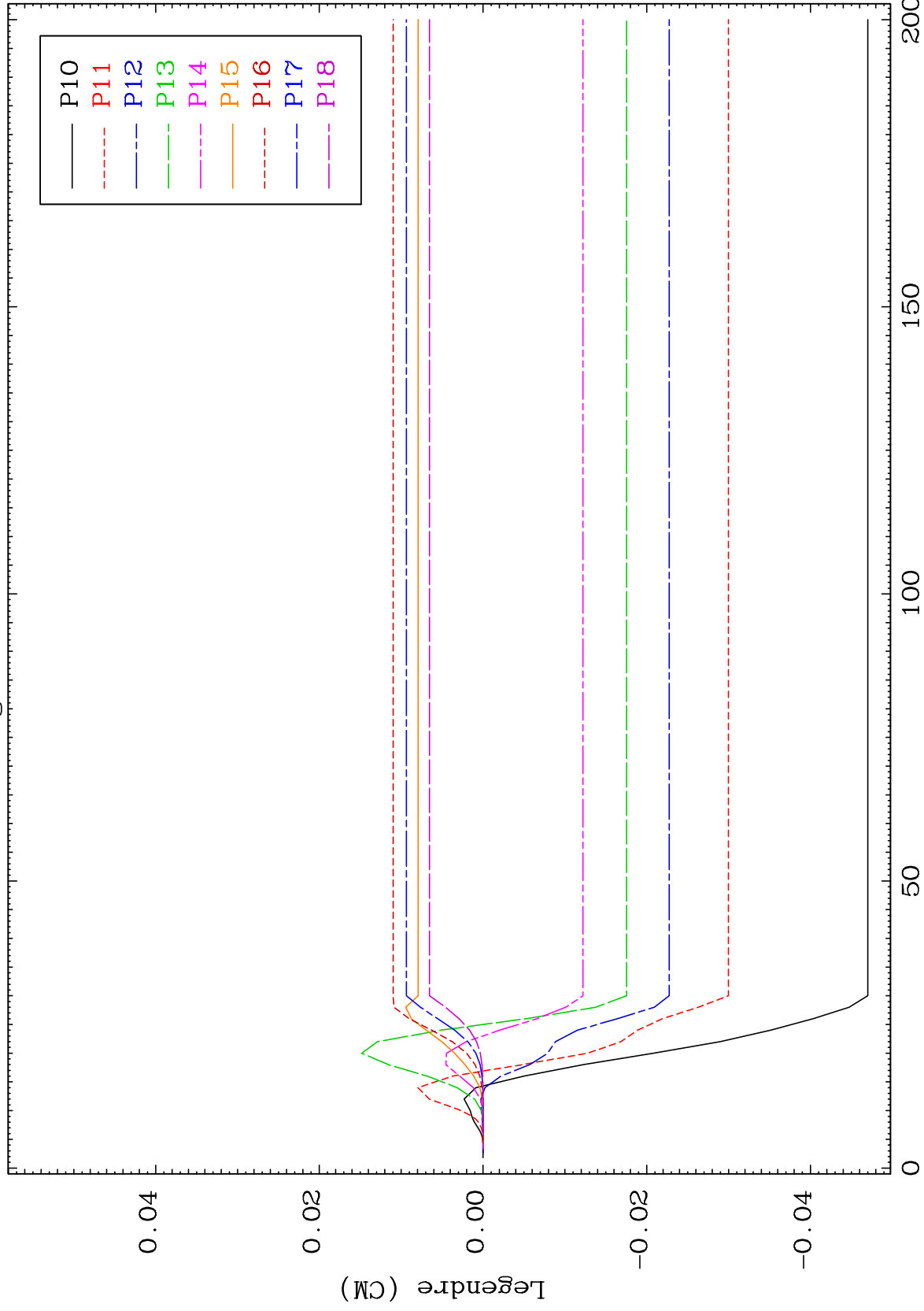
46-Pd-95



MAT 4604

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

46-Pd-95



29

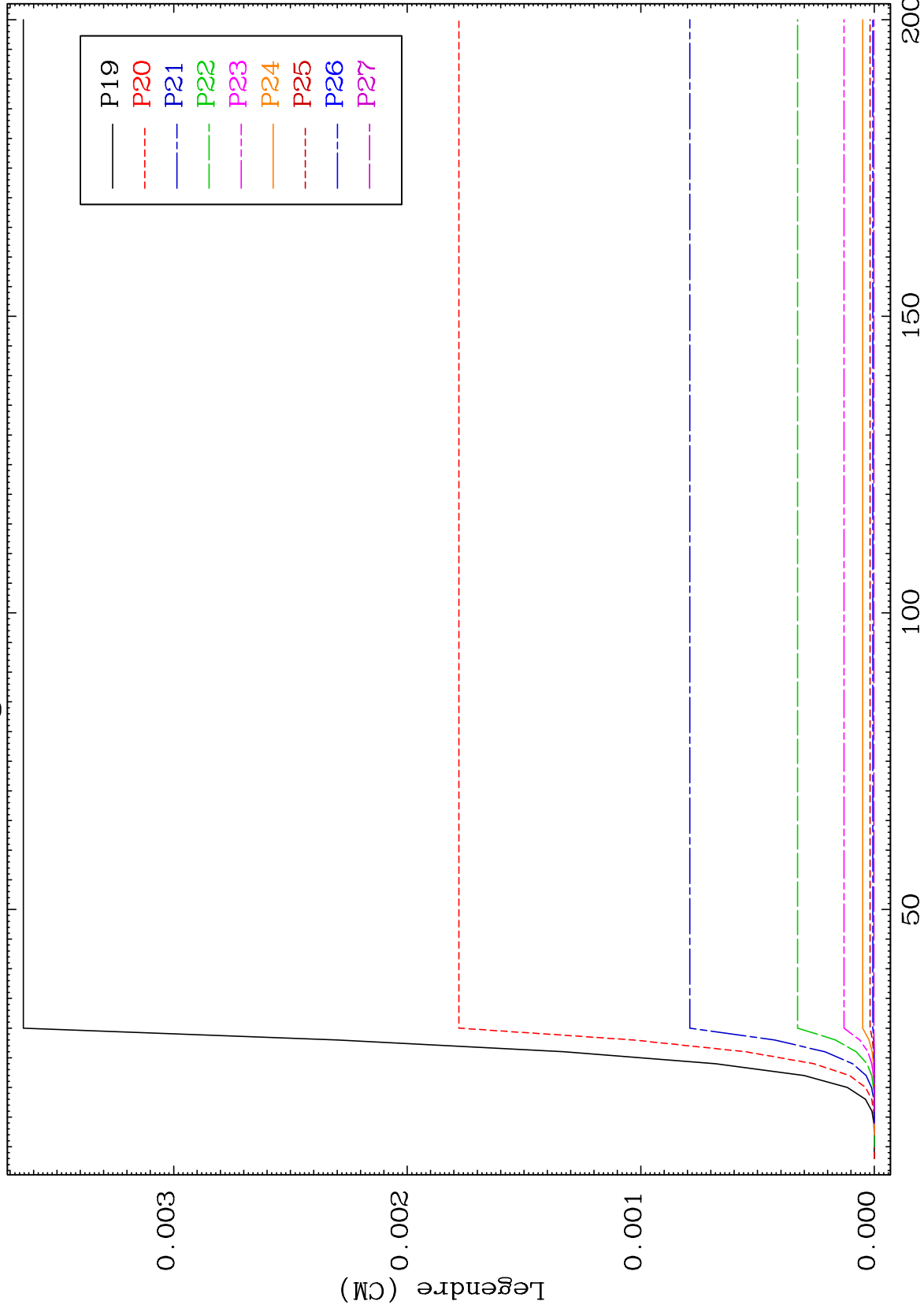
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



30

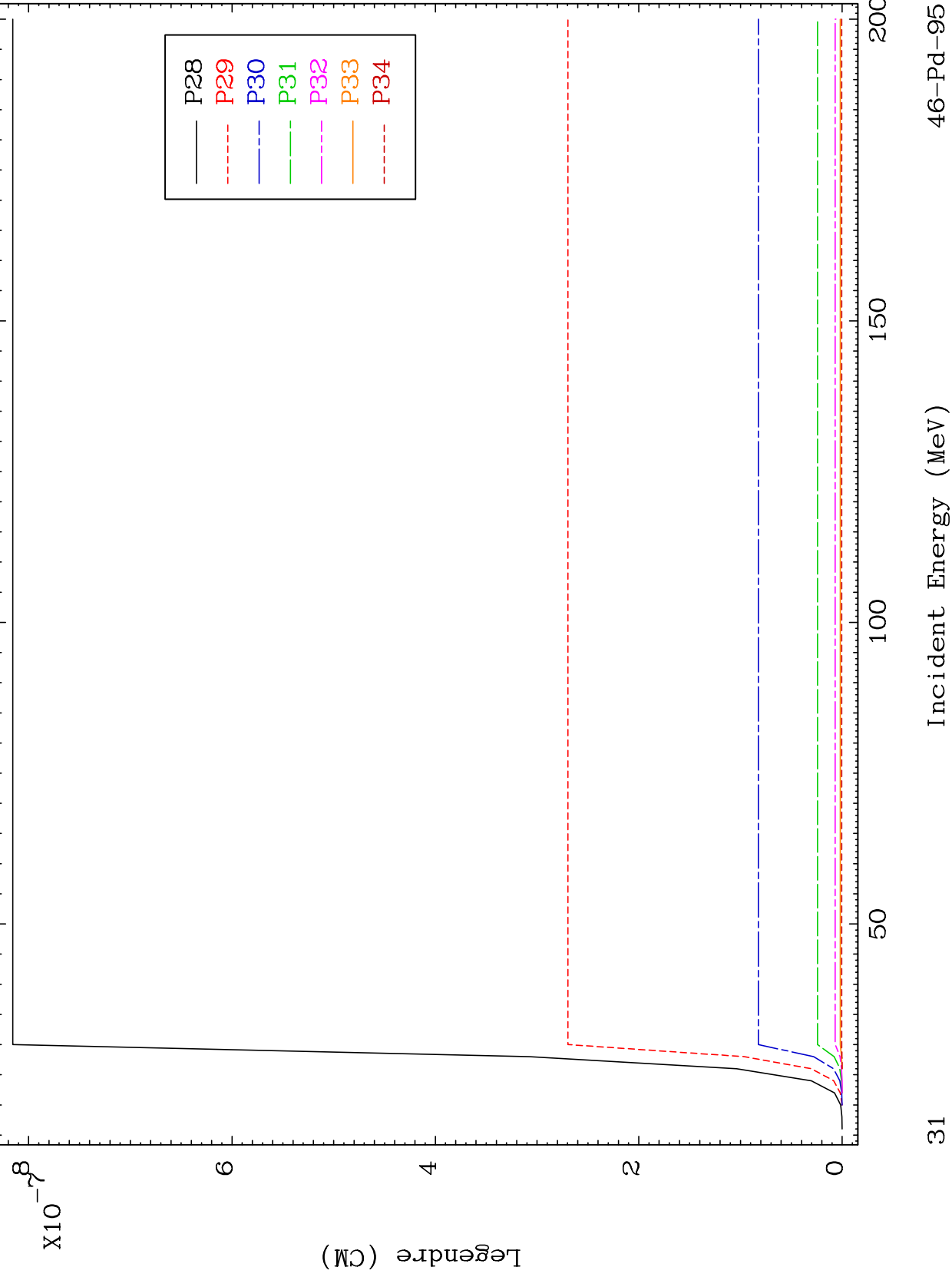
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

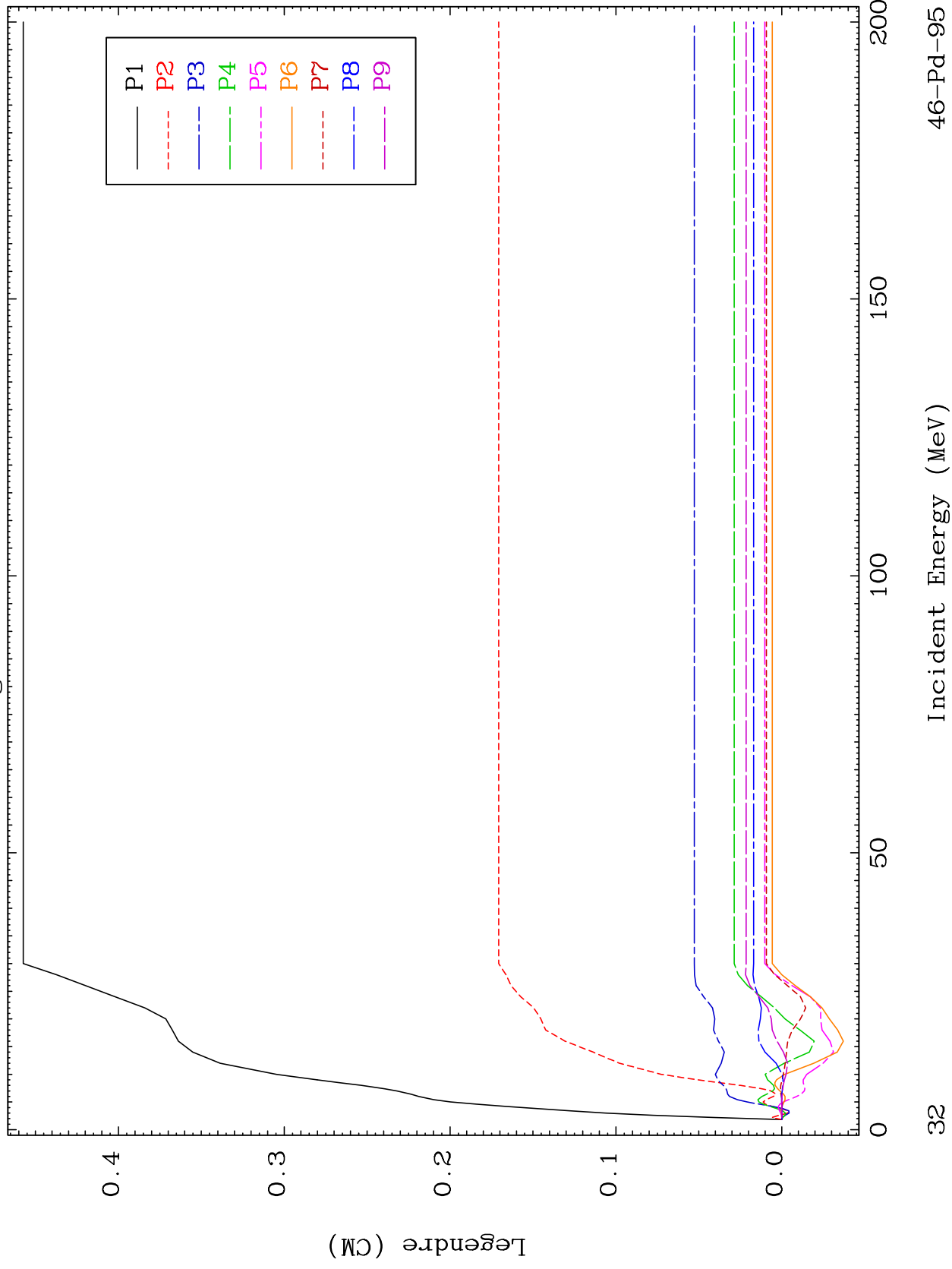




MAT 4604

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

46-Pd-95



46-Pd-95

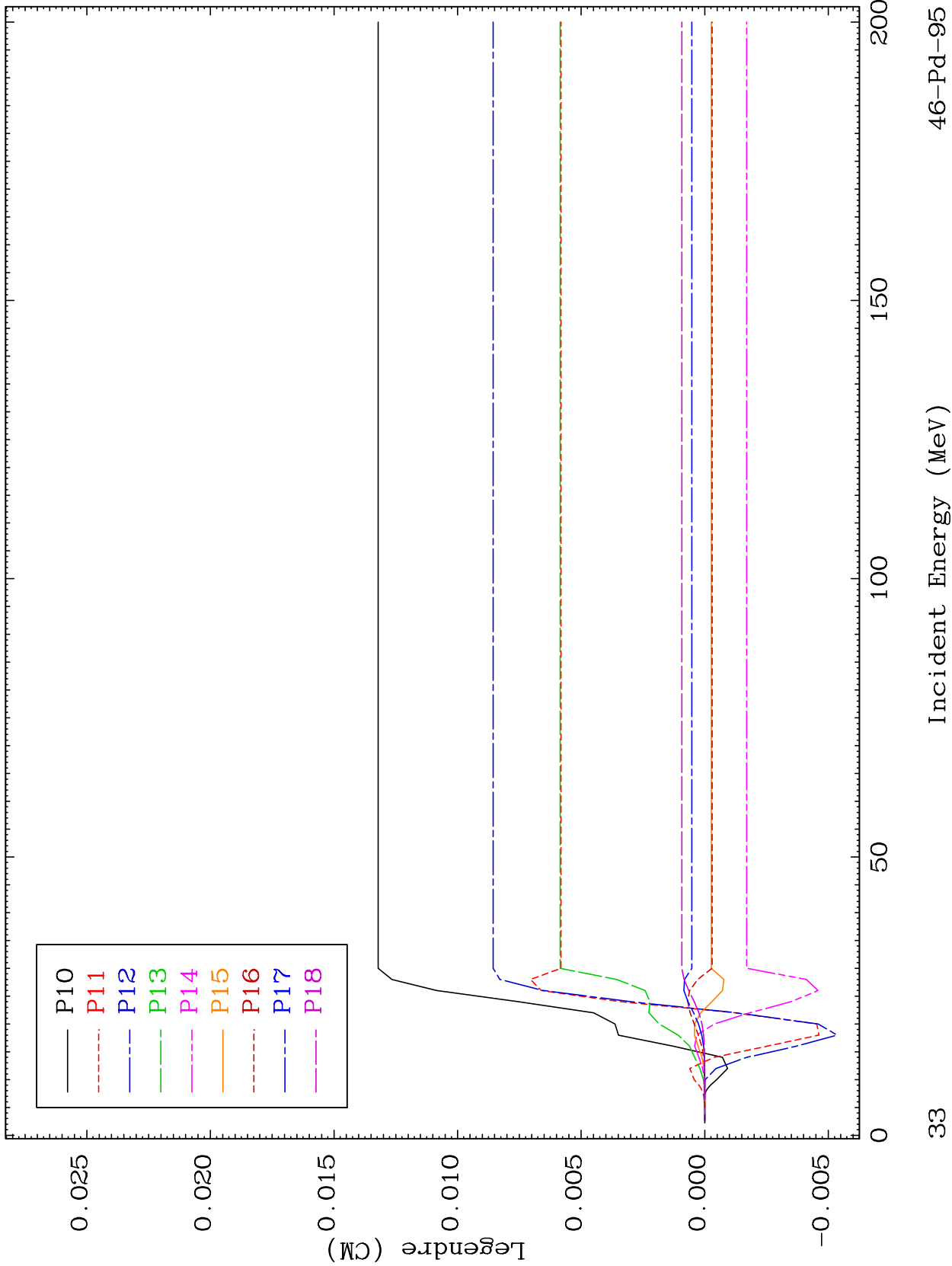
Incident Energy (MeV)

32

MAT 4604

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

46-Pd-95



33

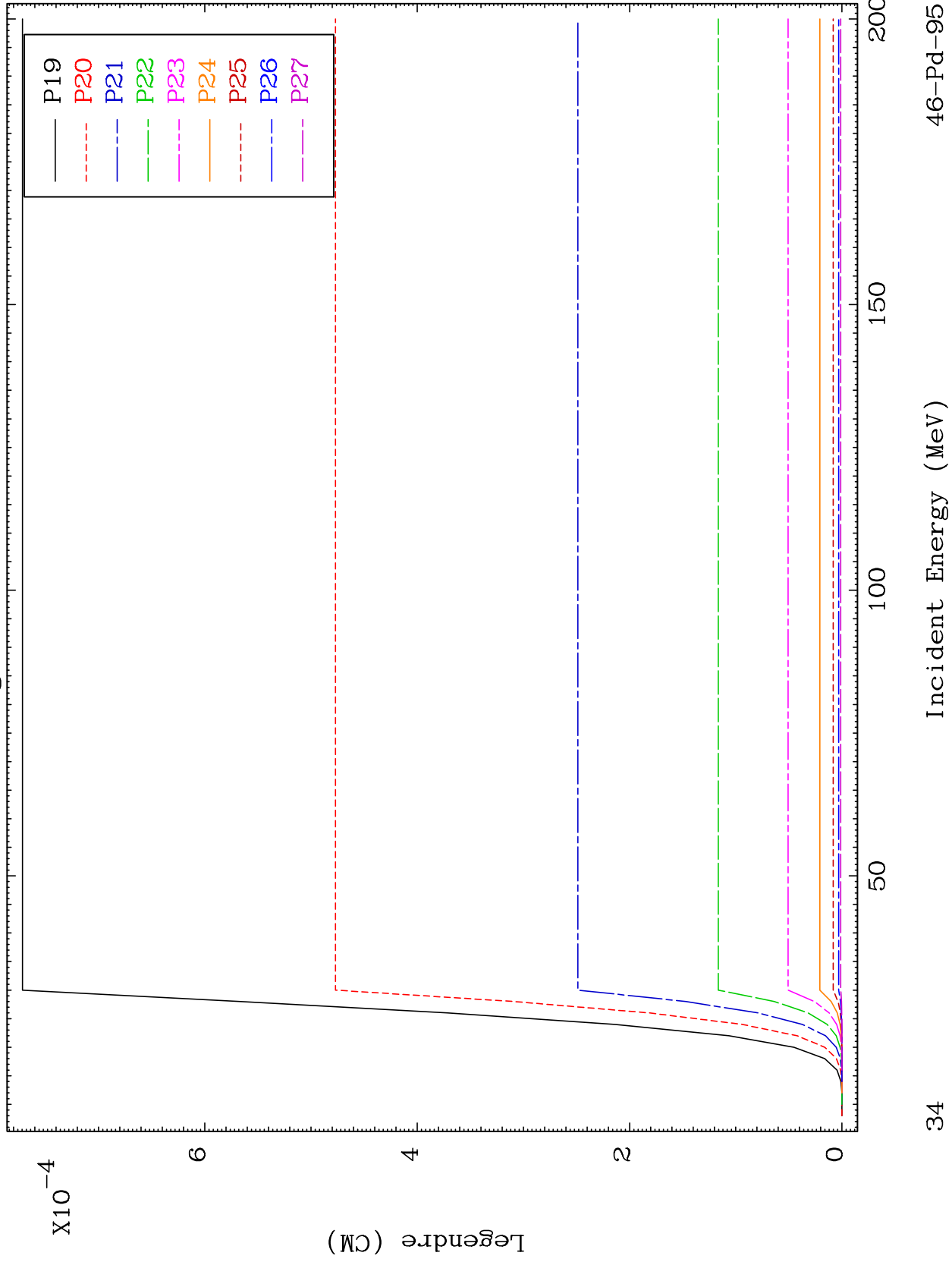
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



34

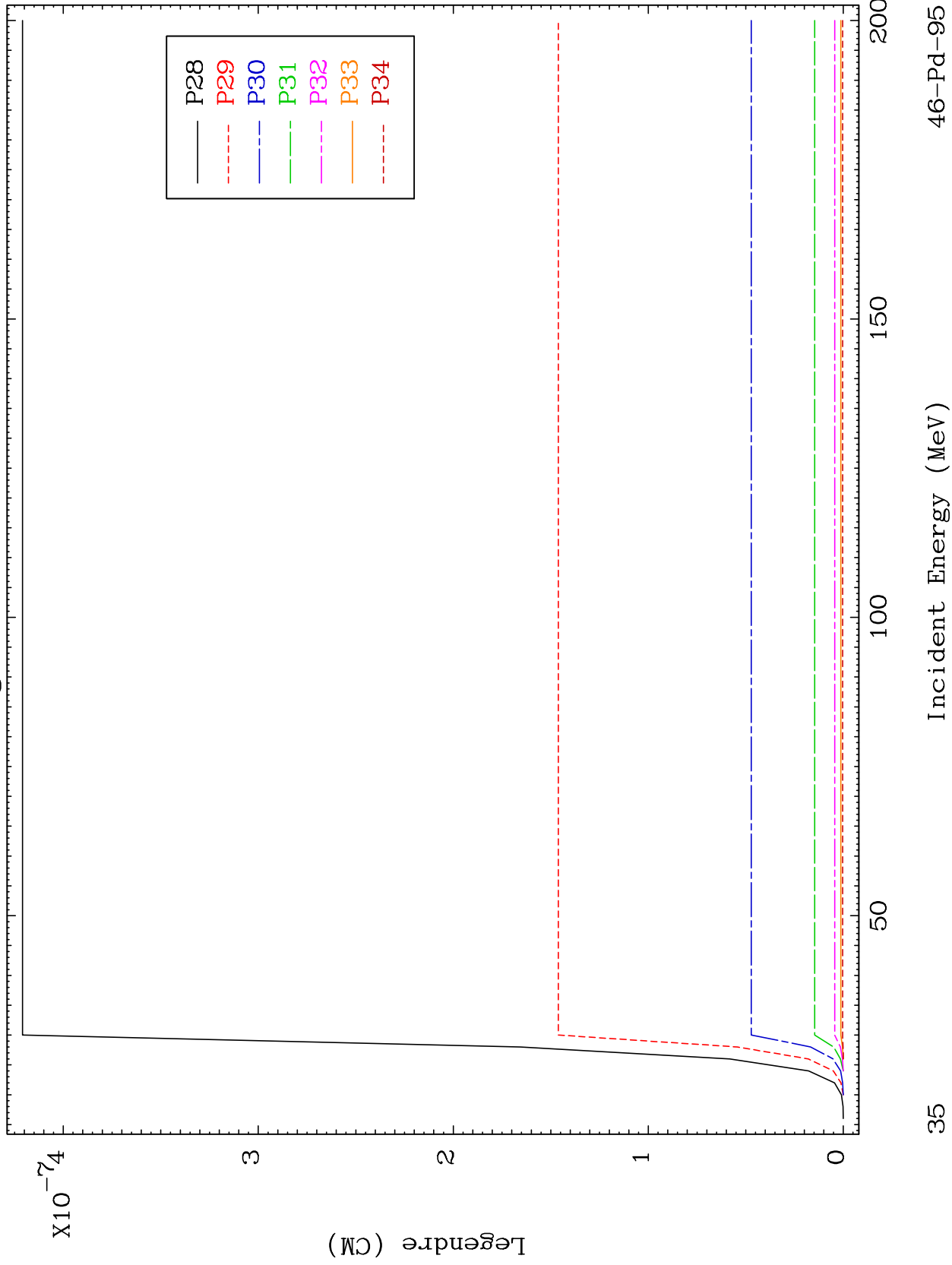
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

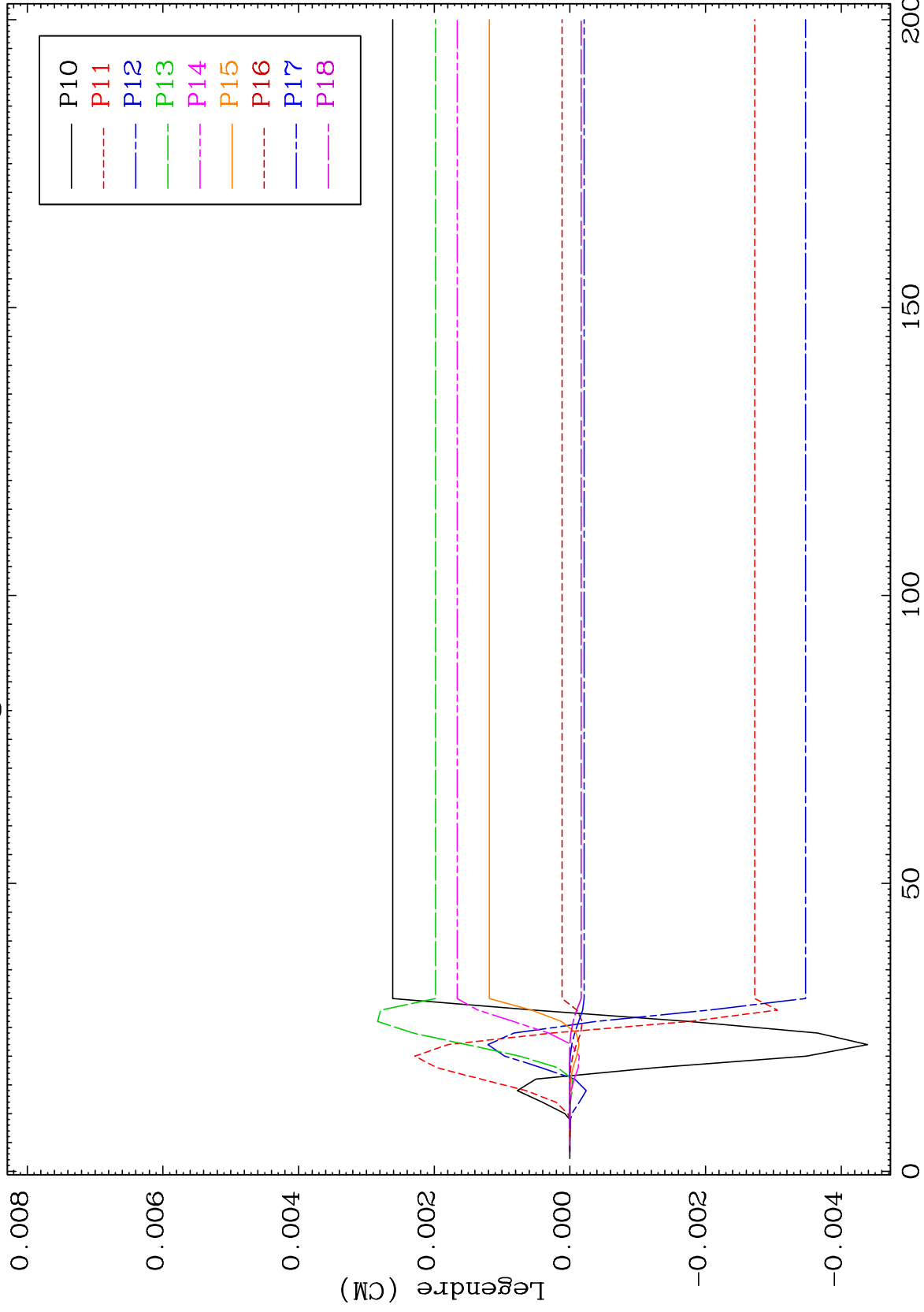




MAT 4604

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

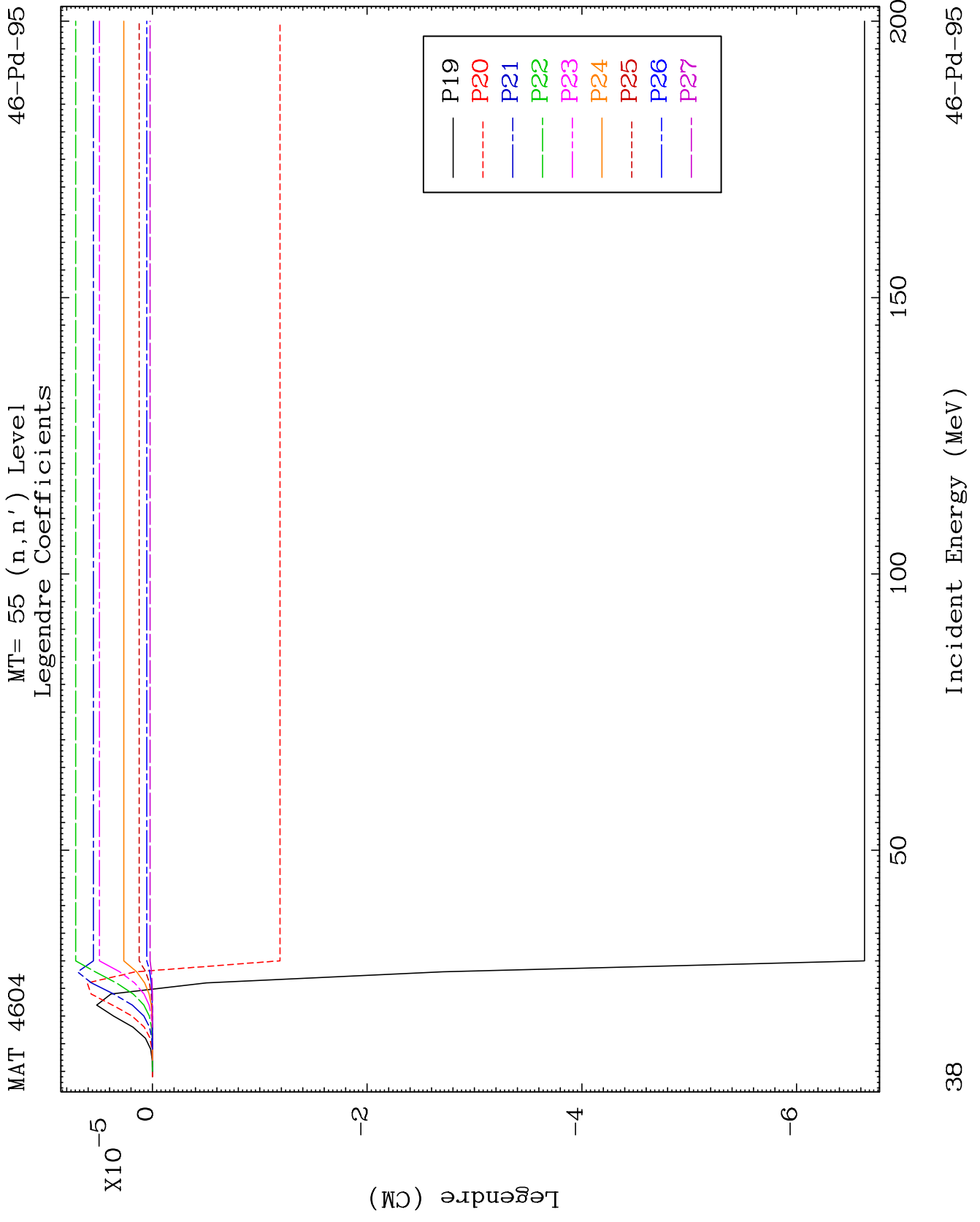
46-Pd-95



37

Incident Energy (MeV)

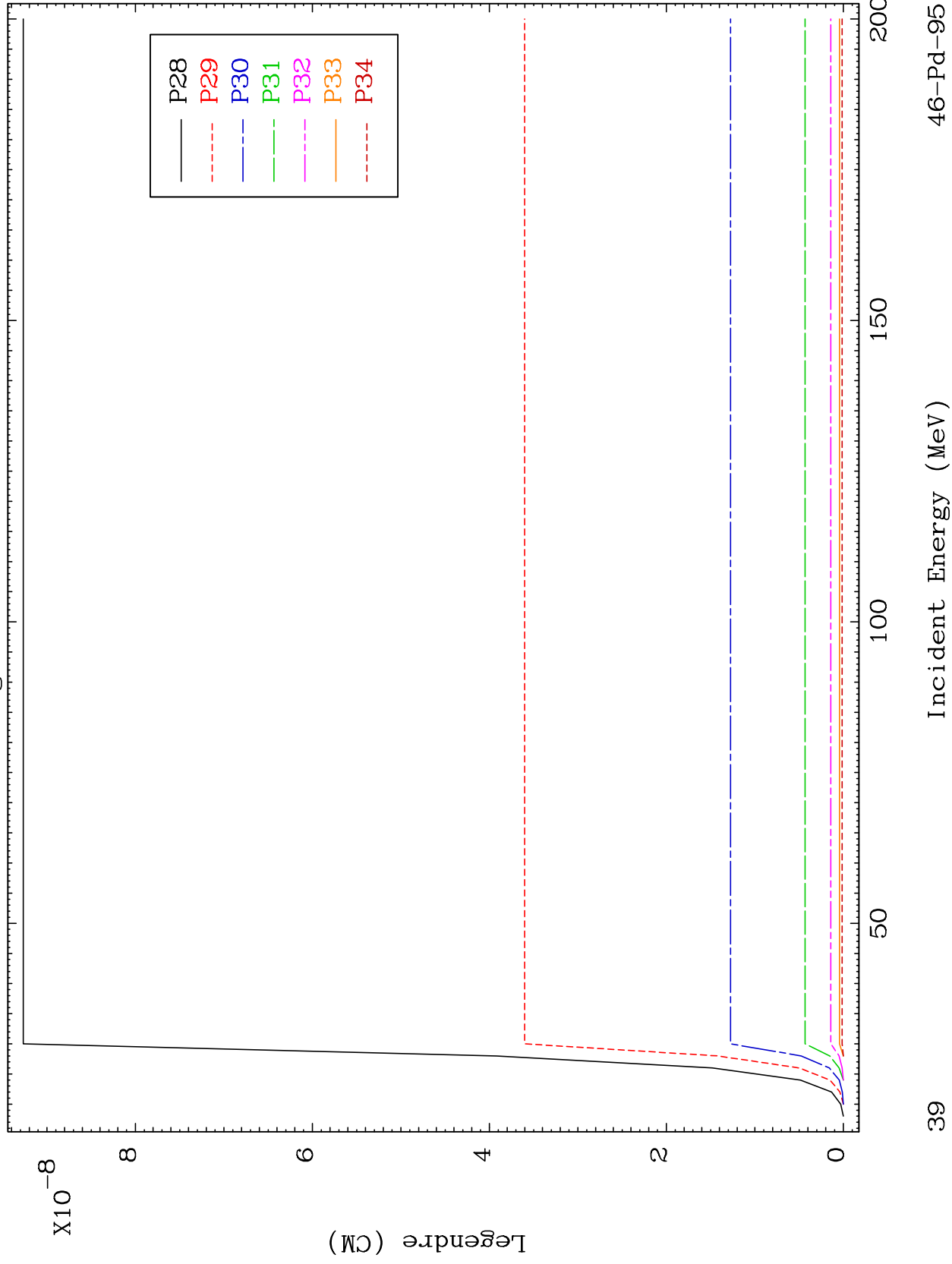
46-Pd-95



MAT 4604

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

46-Pd-95



39

Incident Energy (MeV)

46-Pd-95

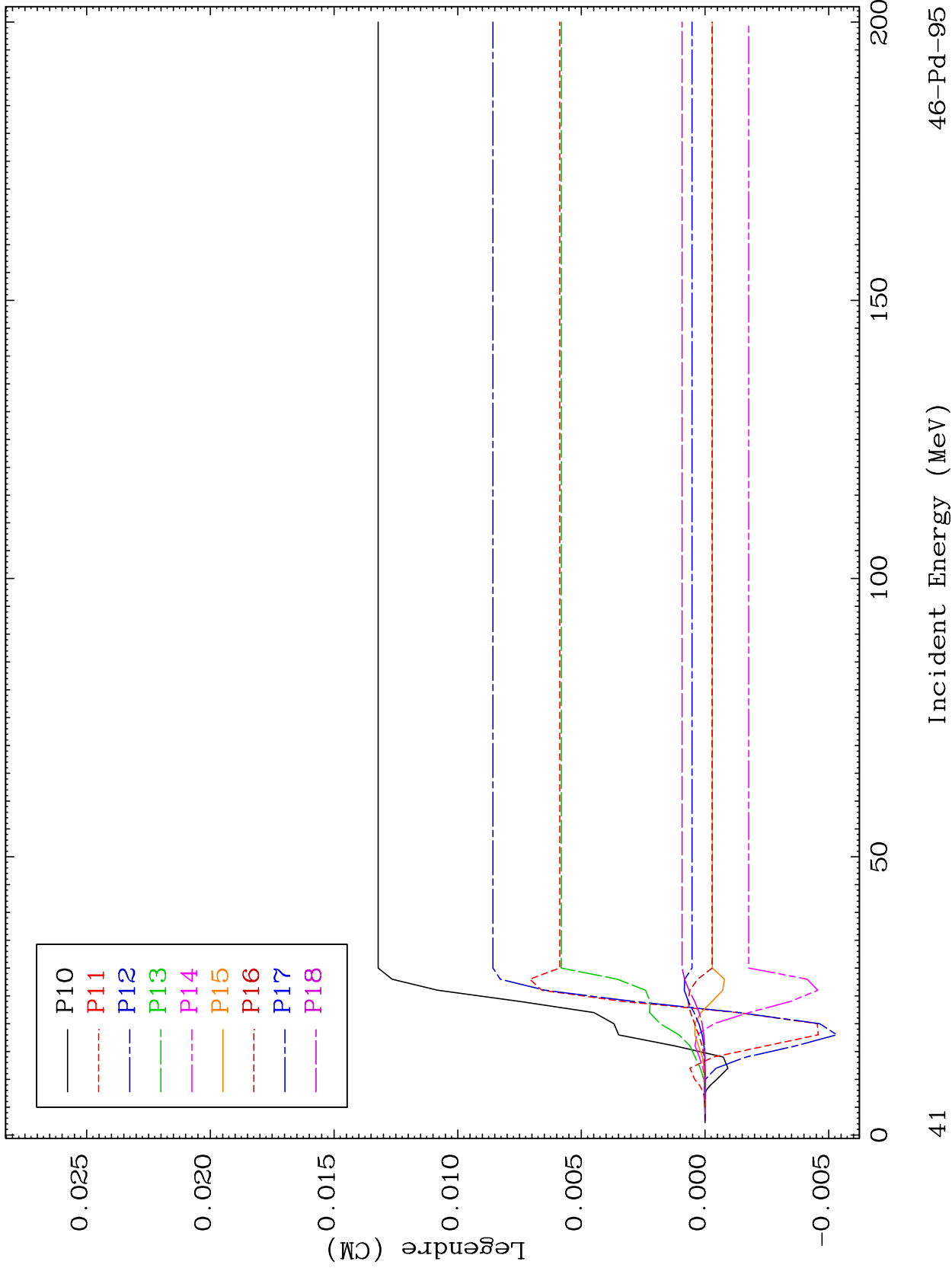




MAT 4604

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

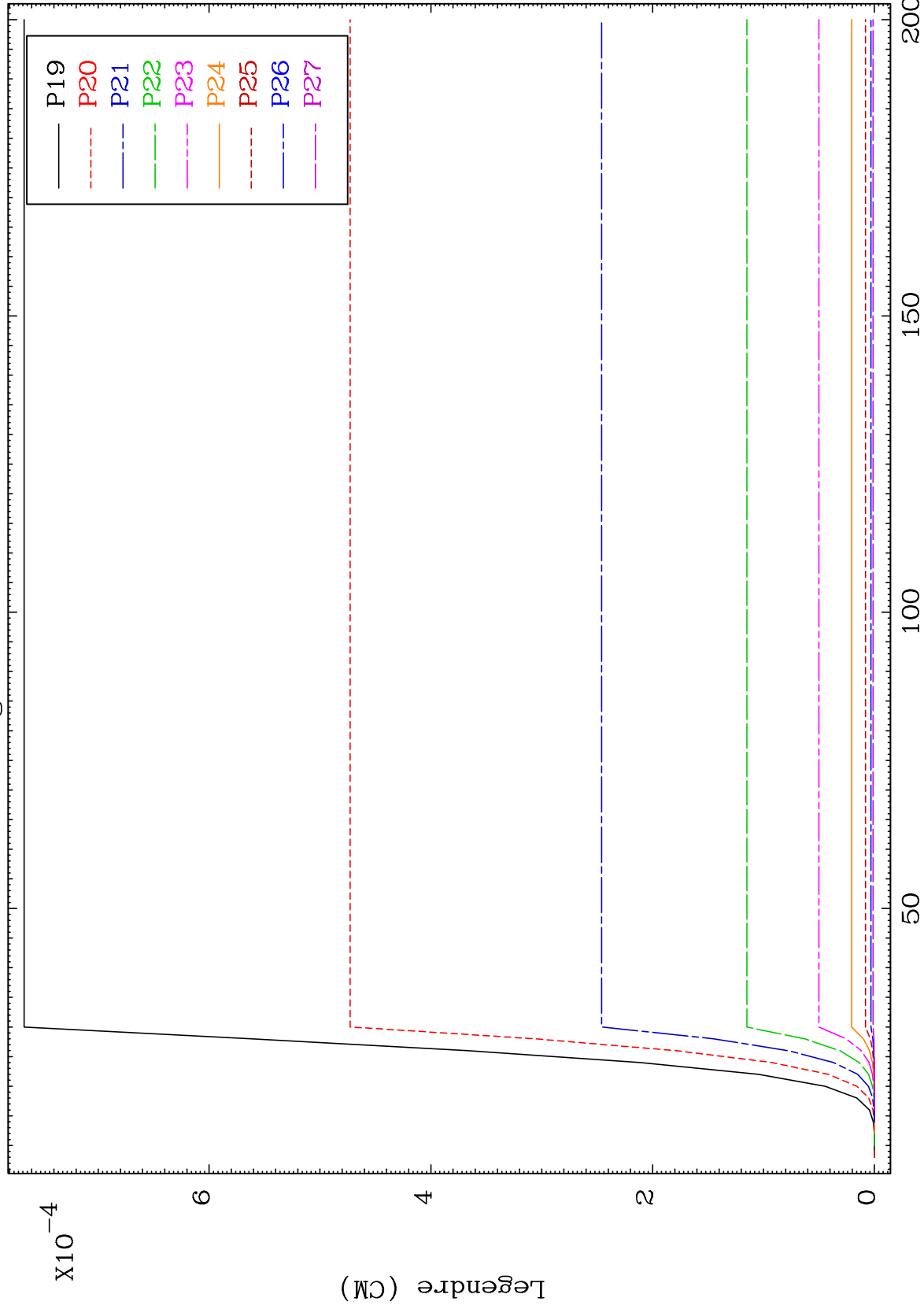
46-Pd-95



MAT 4604

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

46-Pd-95



42

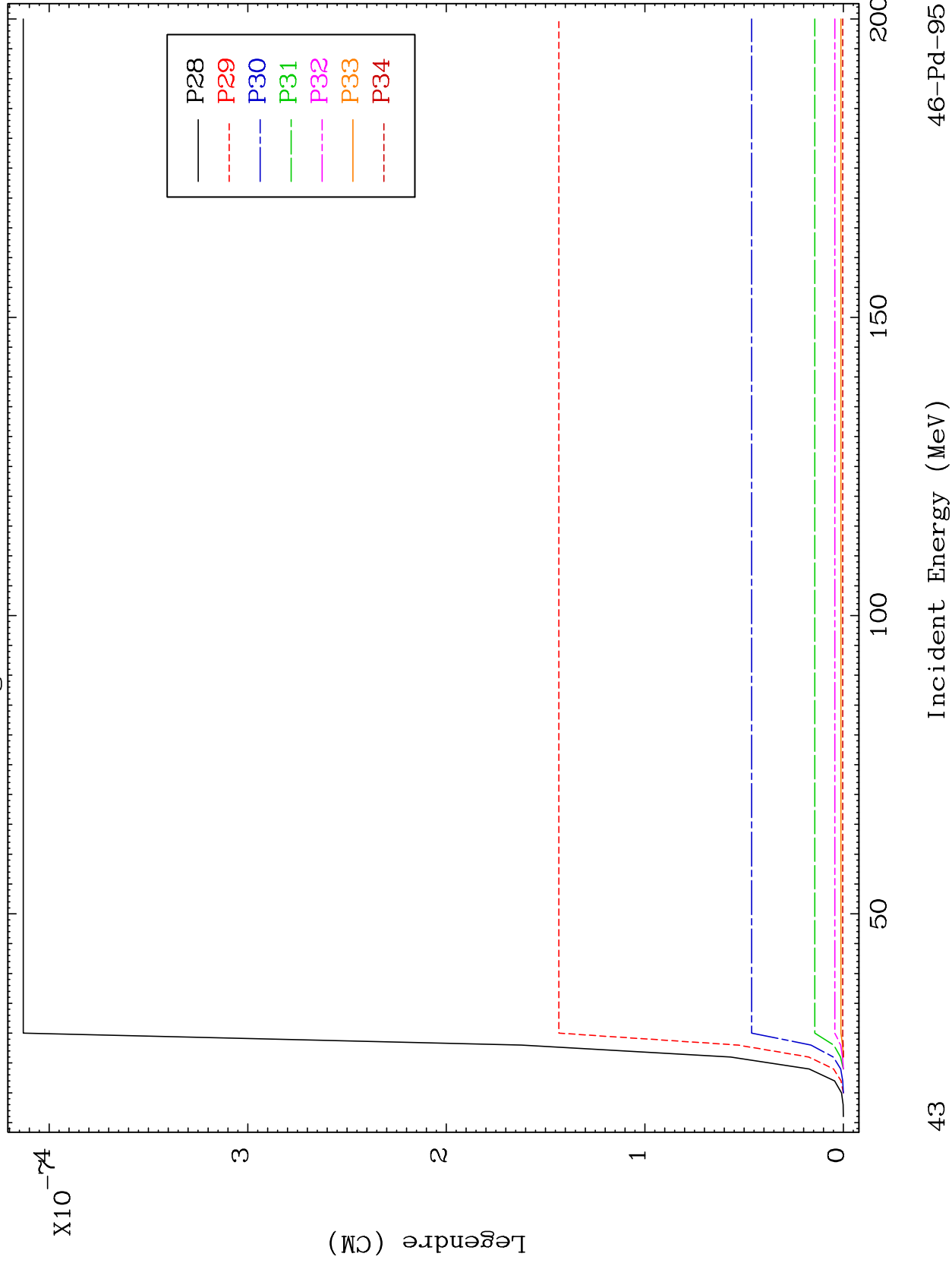
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



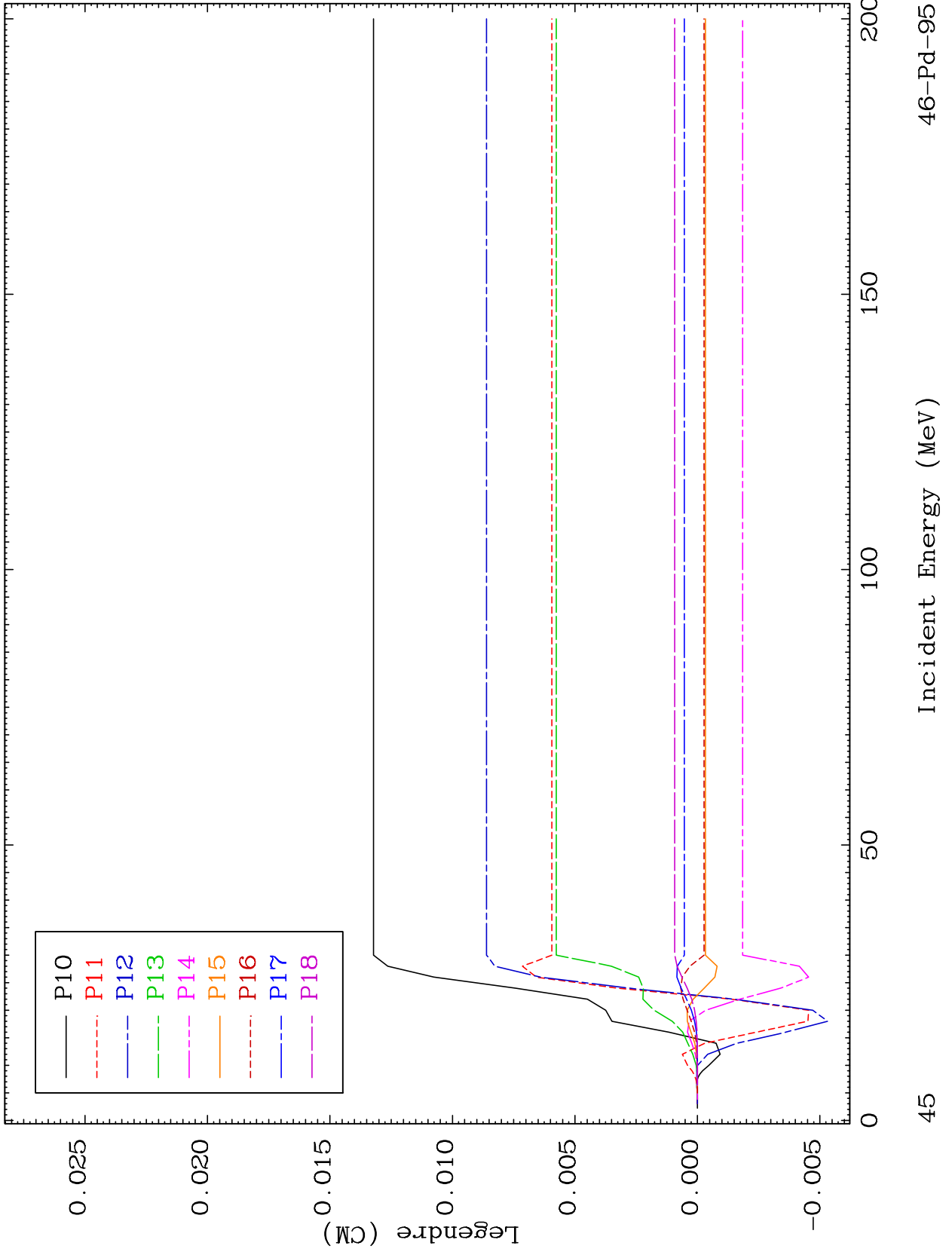
43



MAT 4604

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

46-Pd-95



46-Pd-95

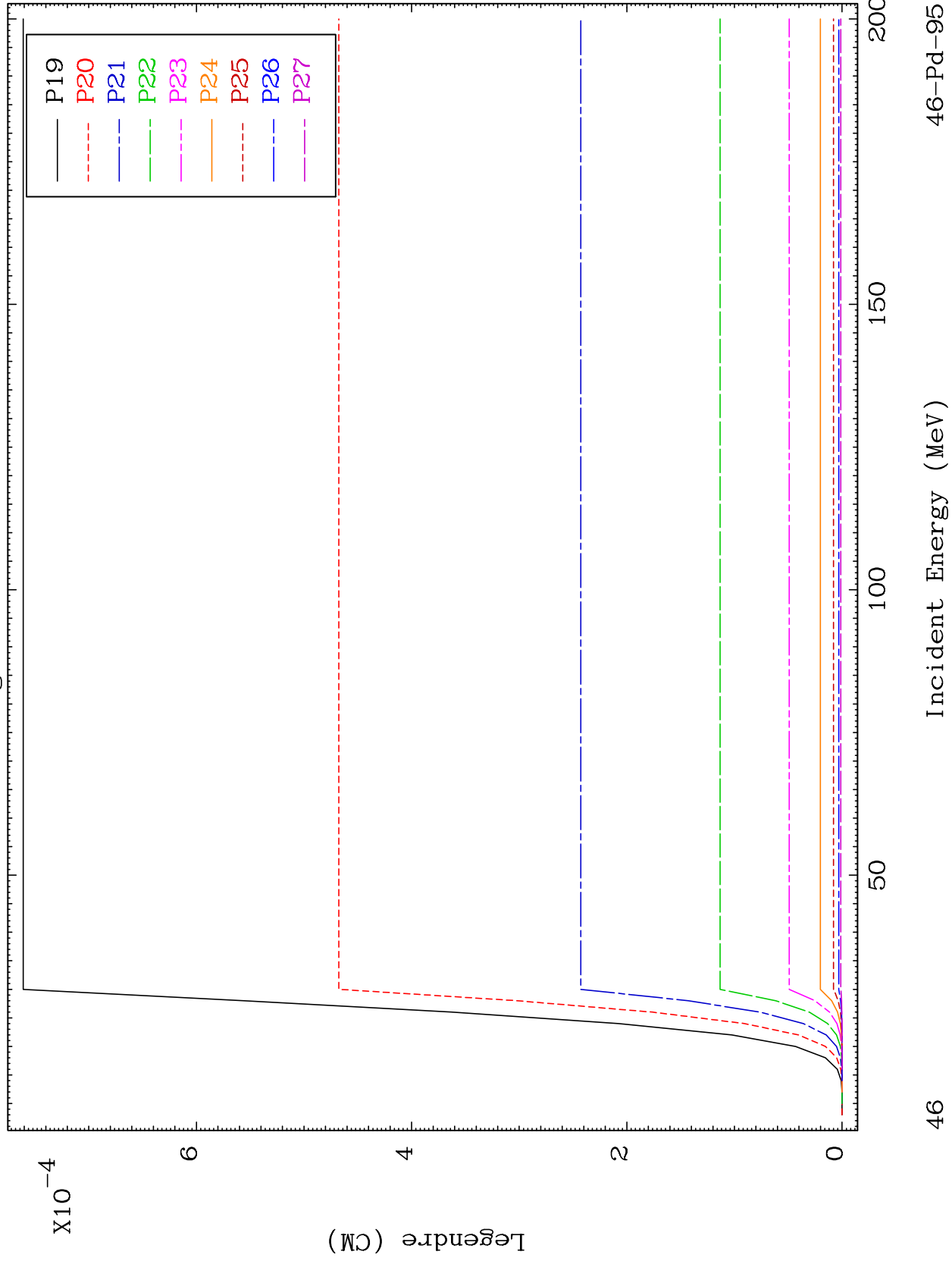
Incident Energy (MeV)

45

MAT 4604

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

46-Pd-95



46

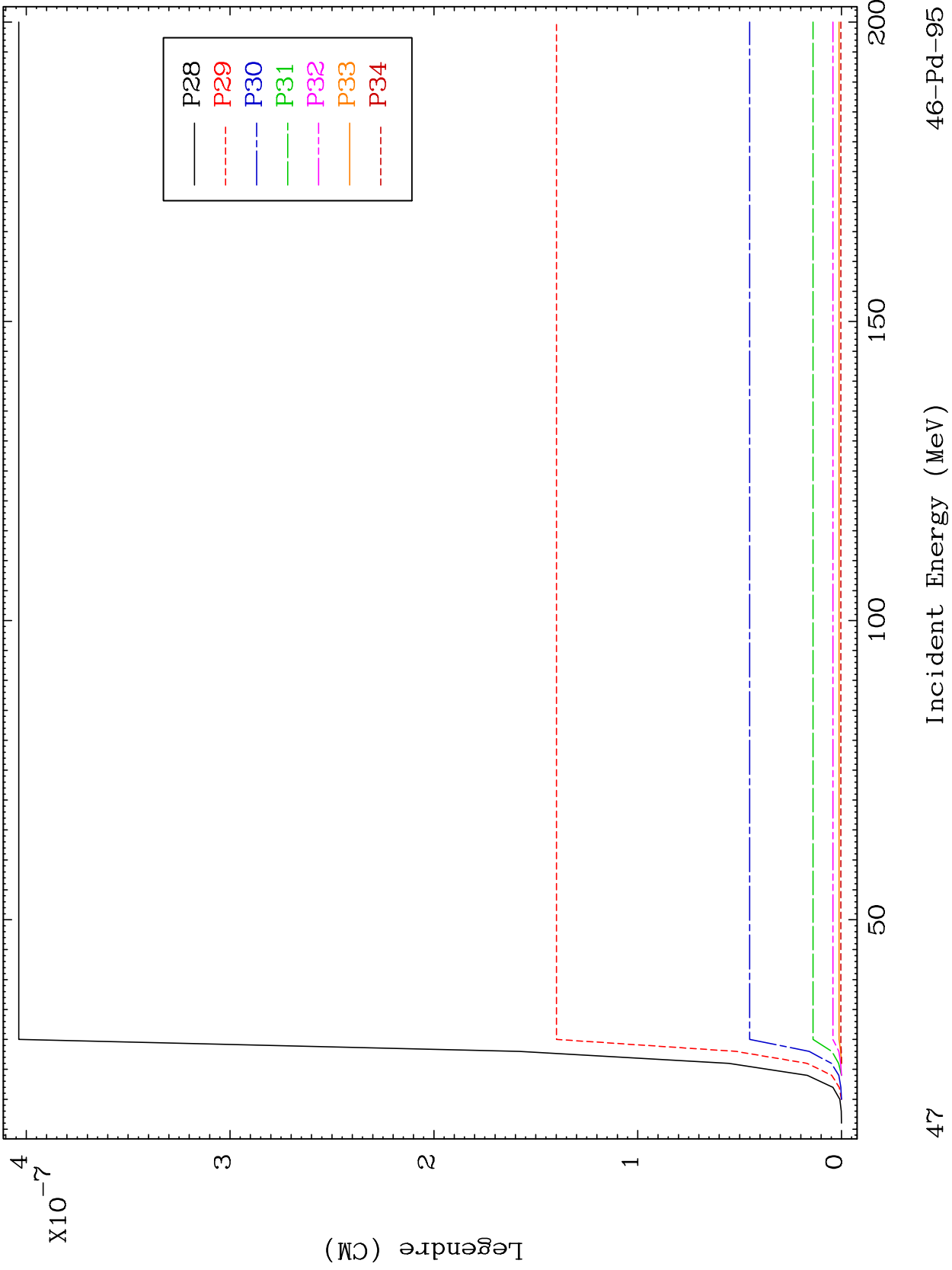
Incident Energy (MeV)

46-Pd-95

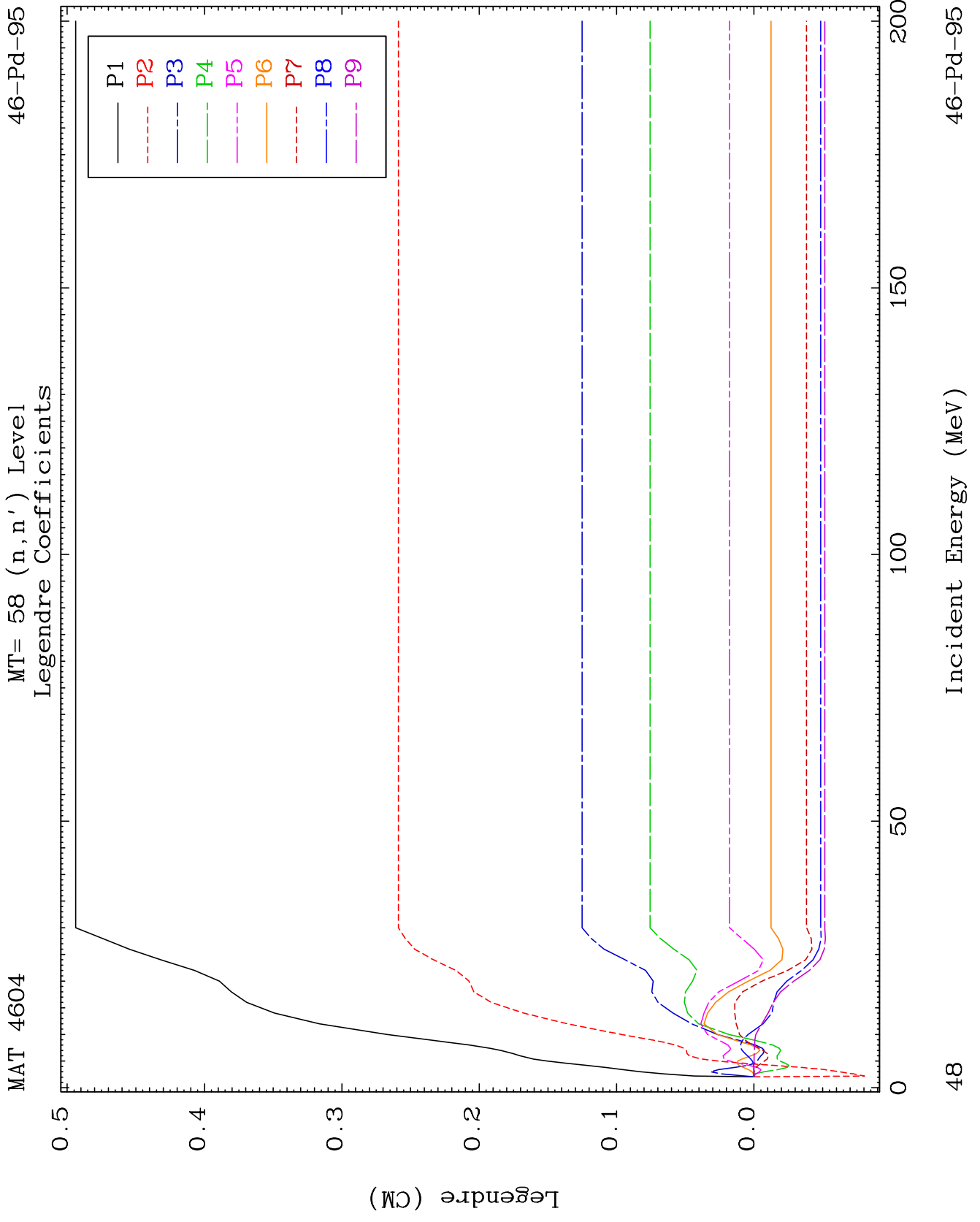
MAT 4604

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

46-Pd-95



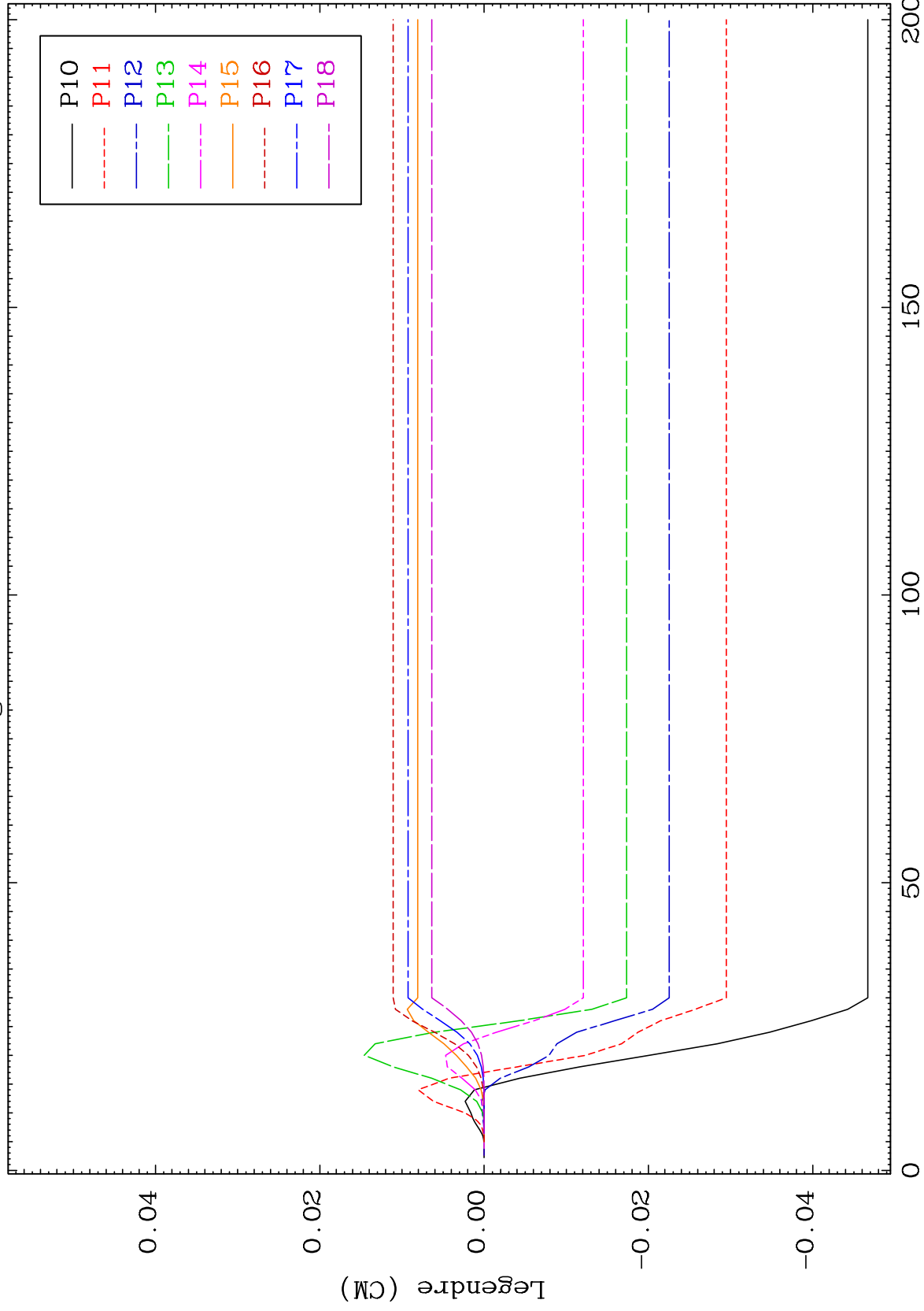




MAT 4604

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

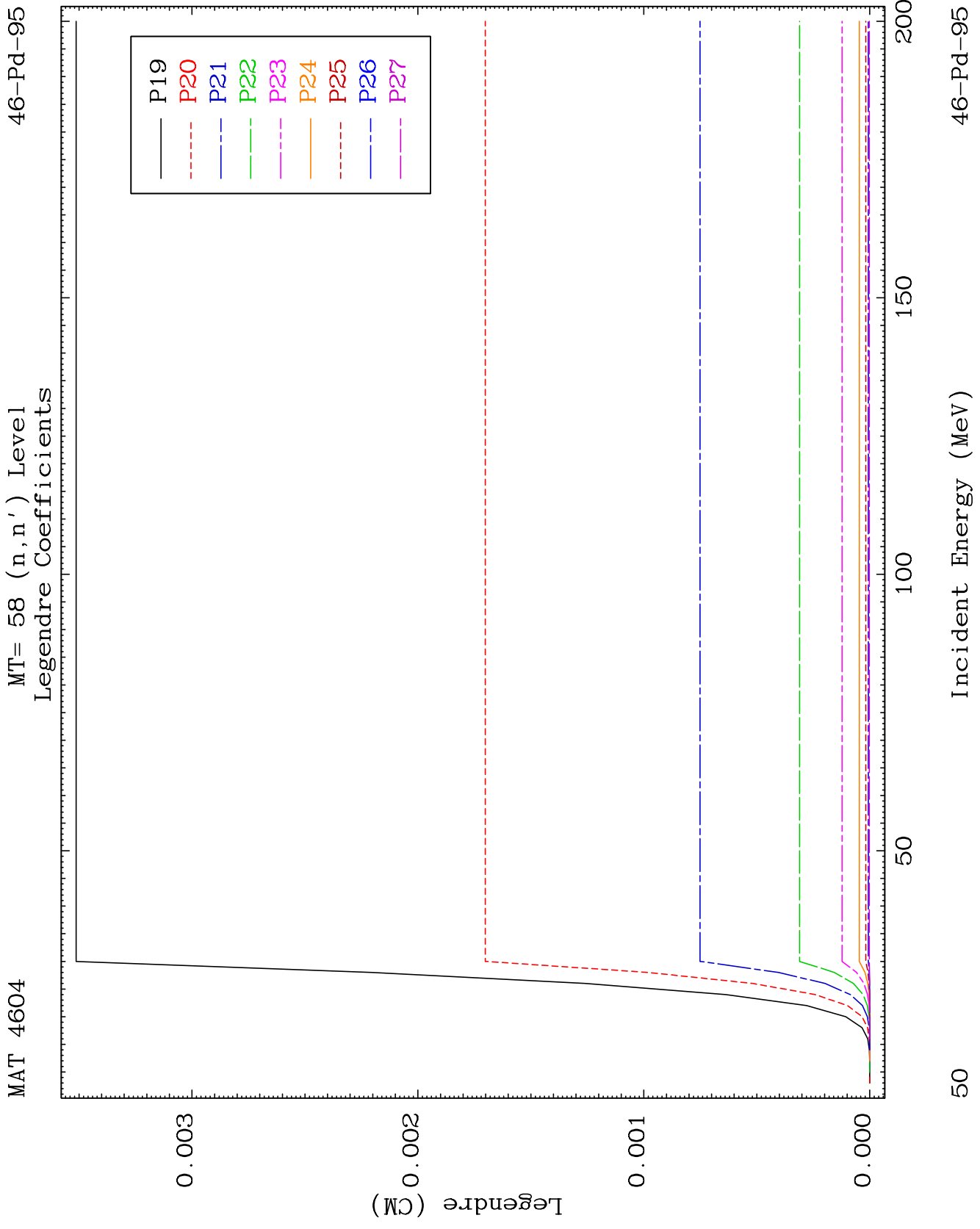
46-Pd-95



49

Incident Energy (MeV)

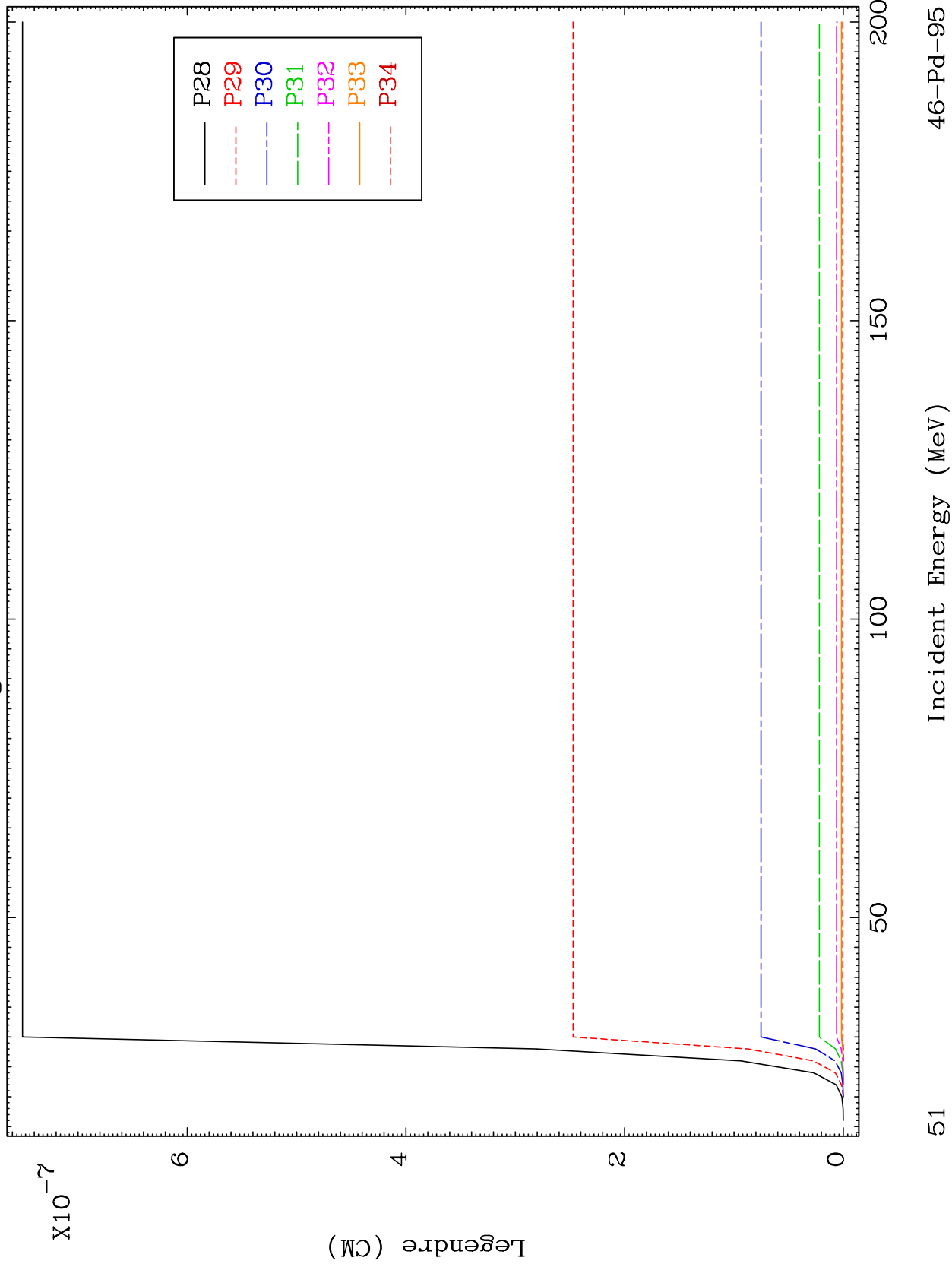
46-Pd-95



MAT 4604

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

46-Pd-95



51

Incident Energy (MeV)

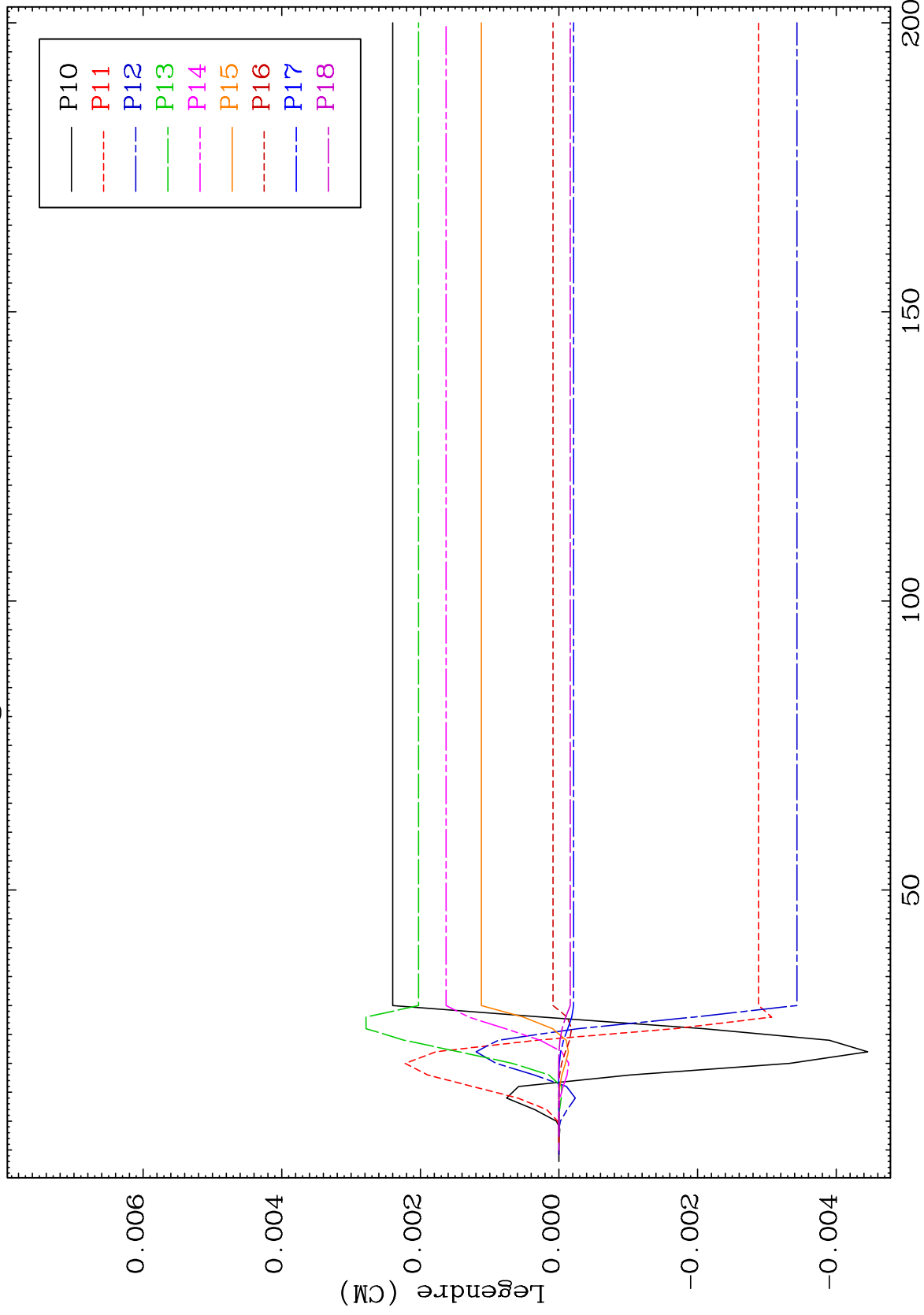
46-Pd-95



MAT 4604

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

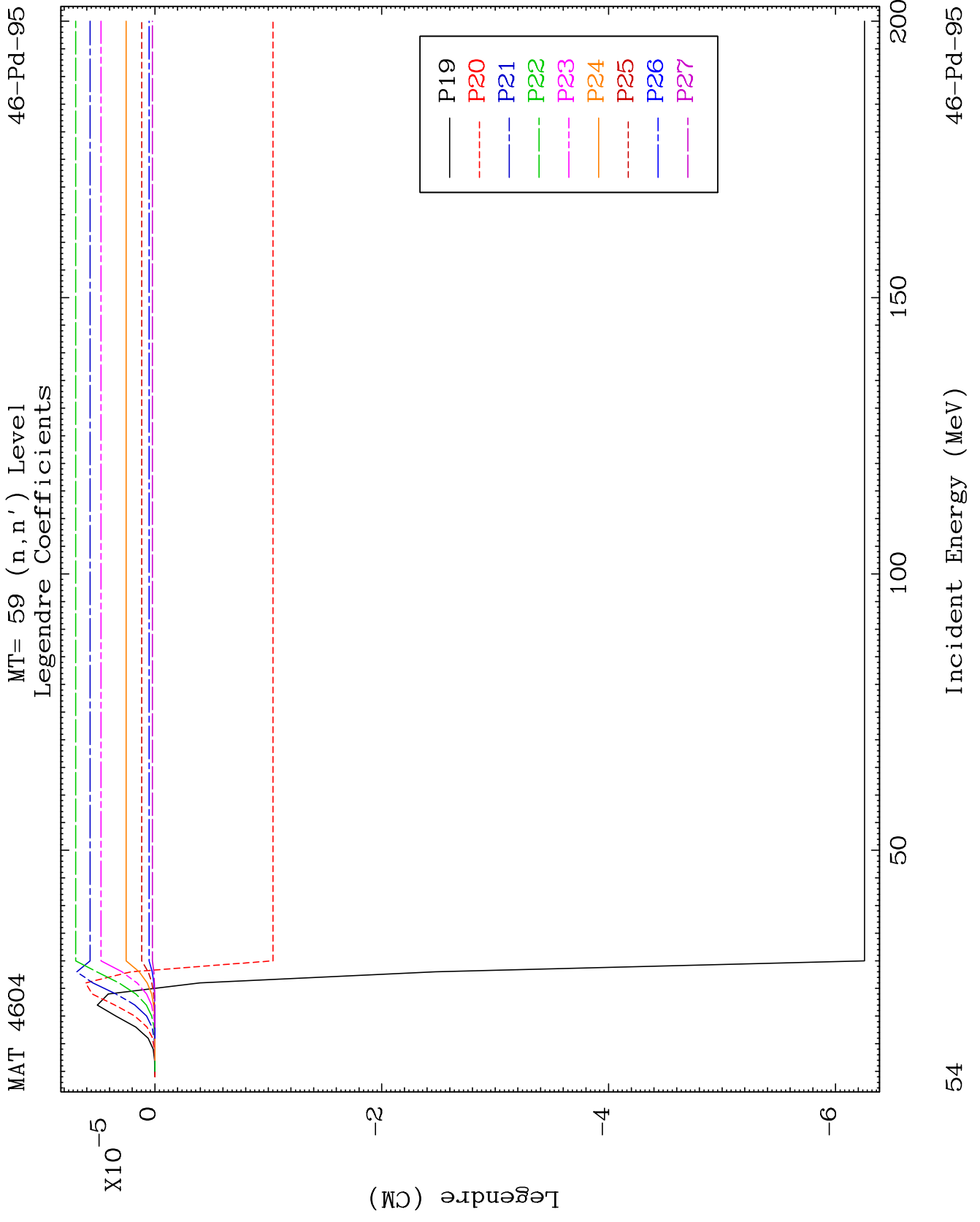
46-Pd-95



53

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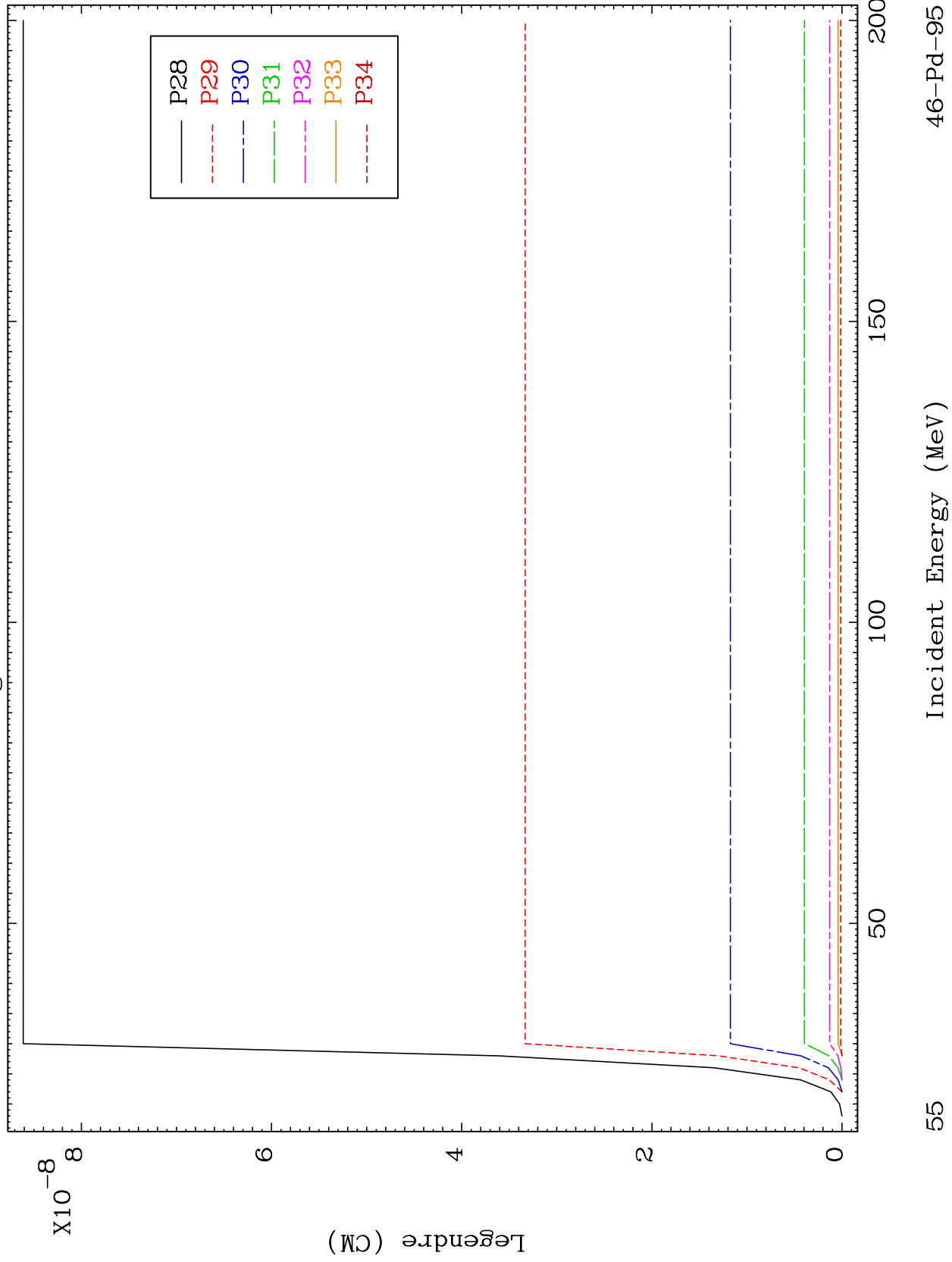
46-Pd-95



MAT 4604

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

46-Pd-95



55

Incident Energy (MeV)

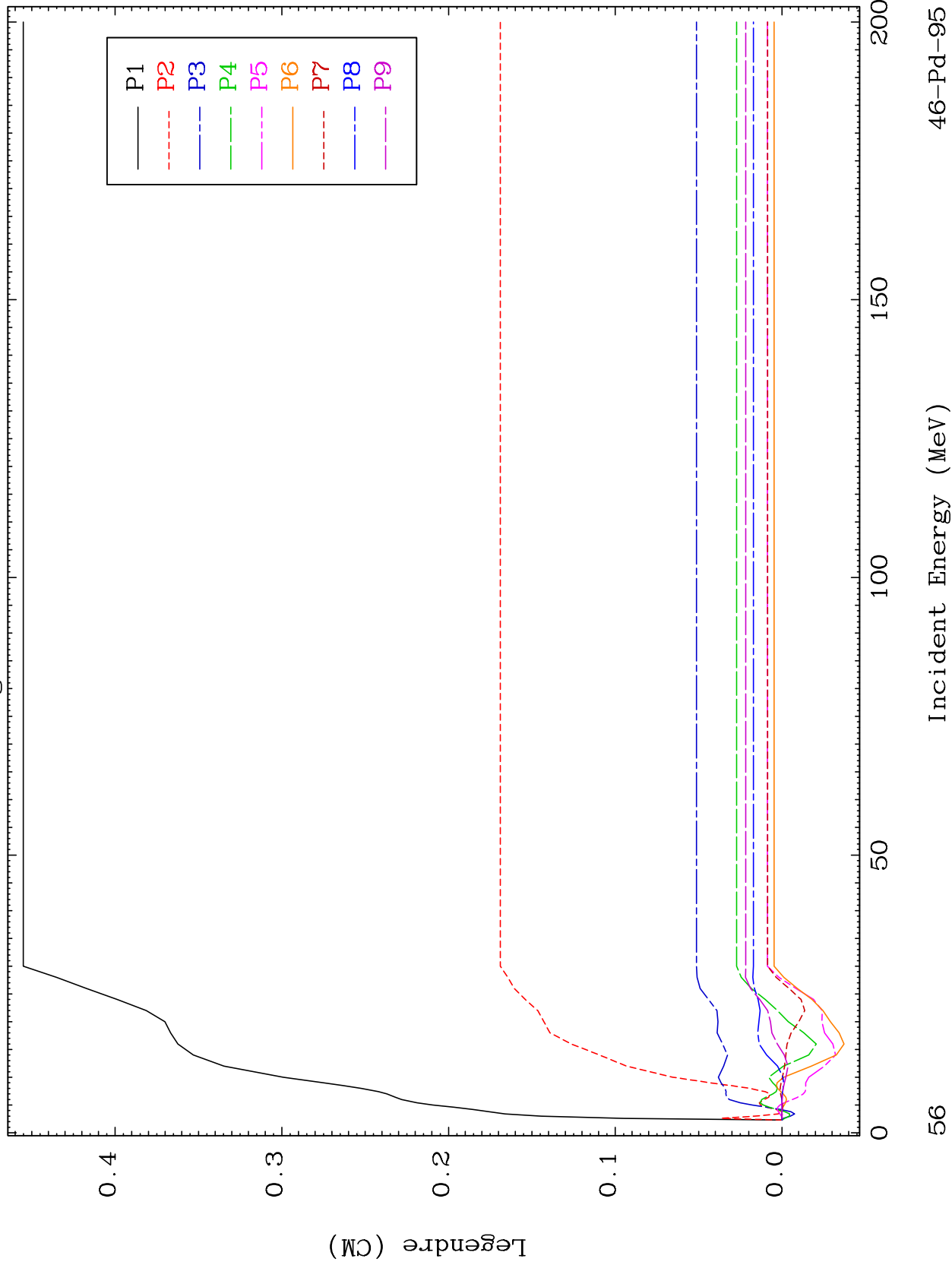
46-Pd-95



MAT 4604

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

46-Pd-95



46-Pd-95

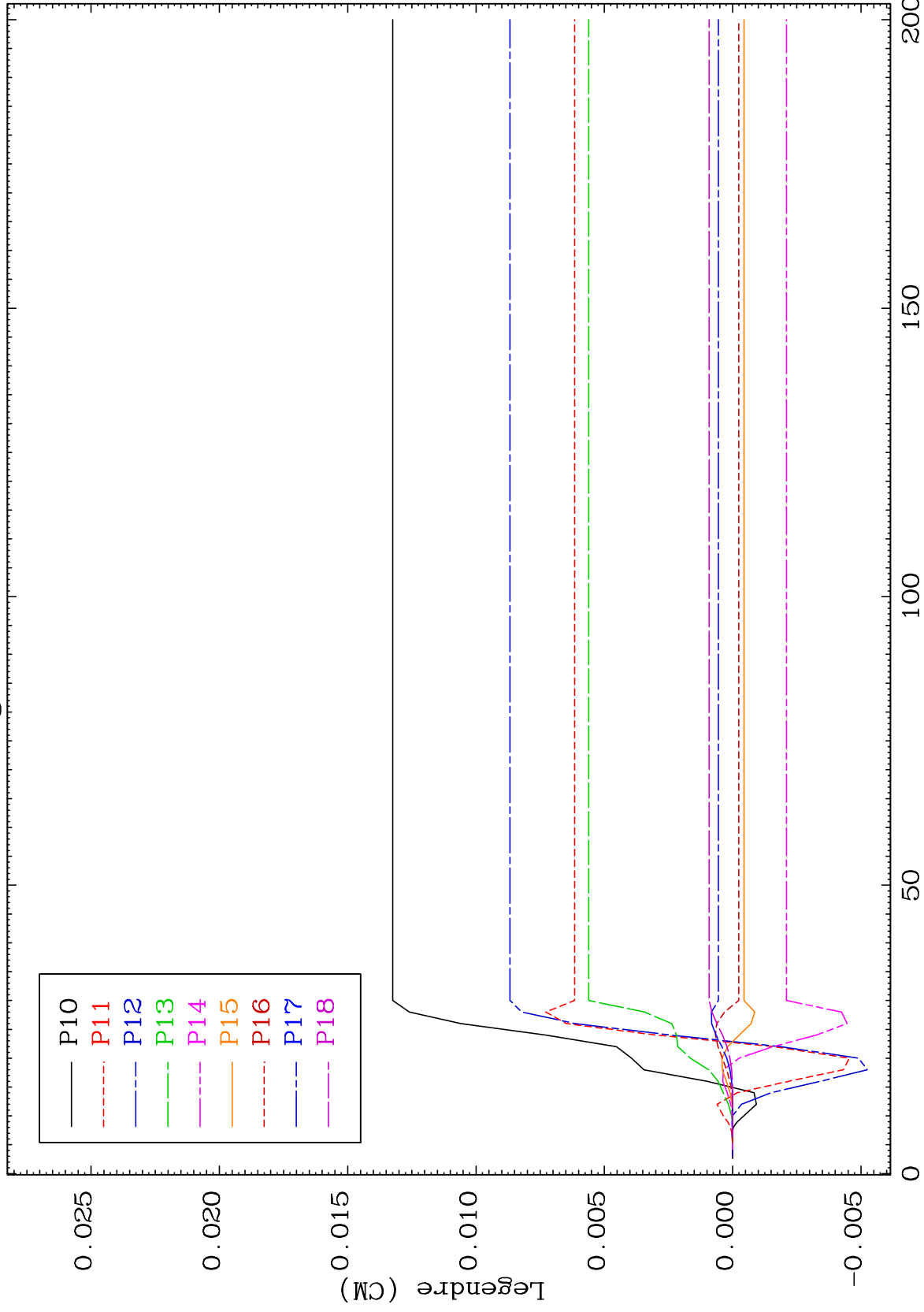
Incident Energy (MeV)

56

MAT 4604

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

46-Pd-95



57

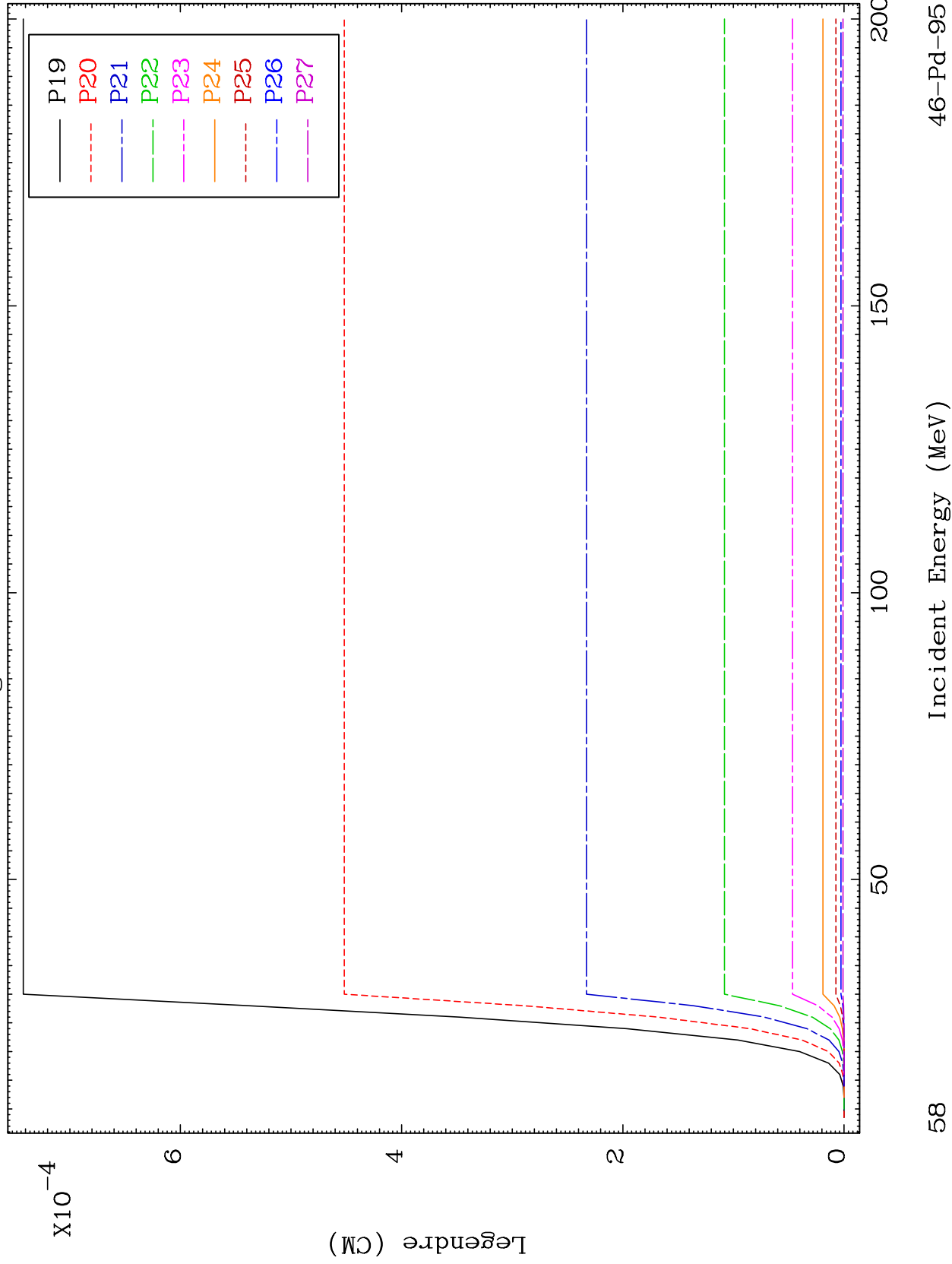
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

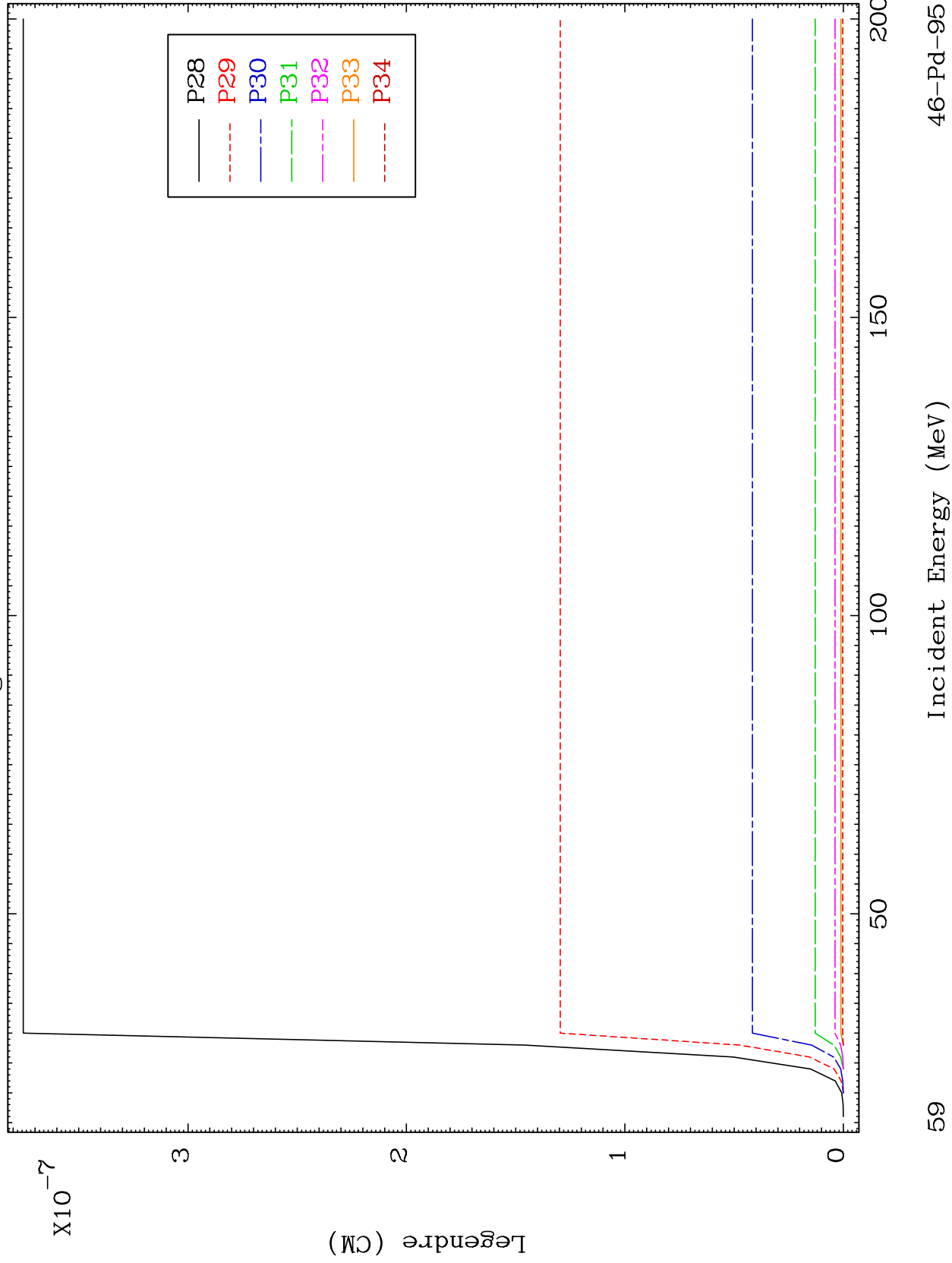


58

MAT 4604

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

46-Pd-95

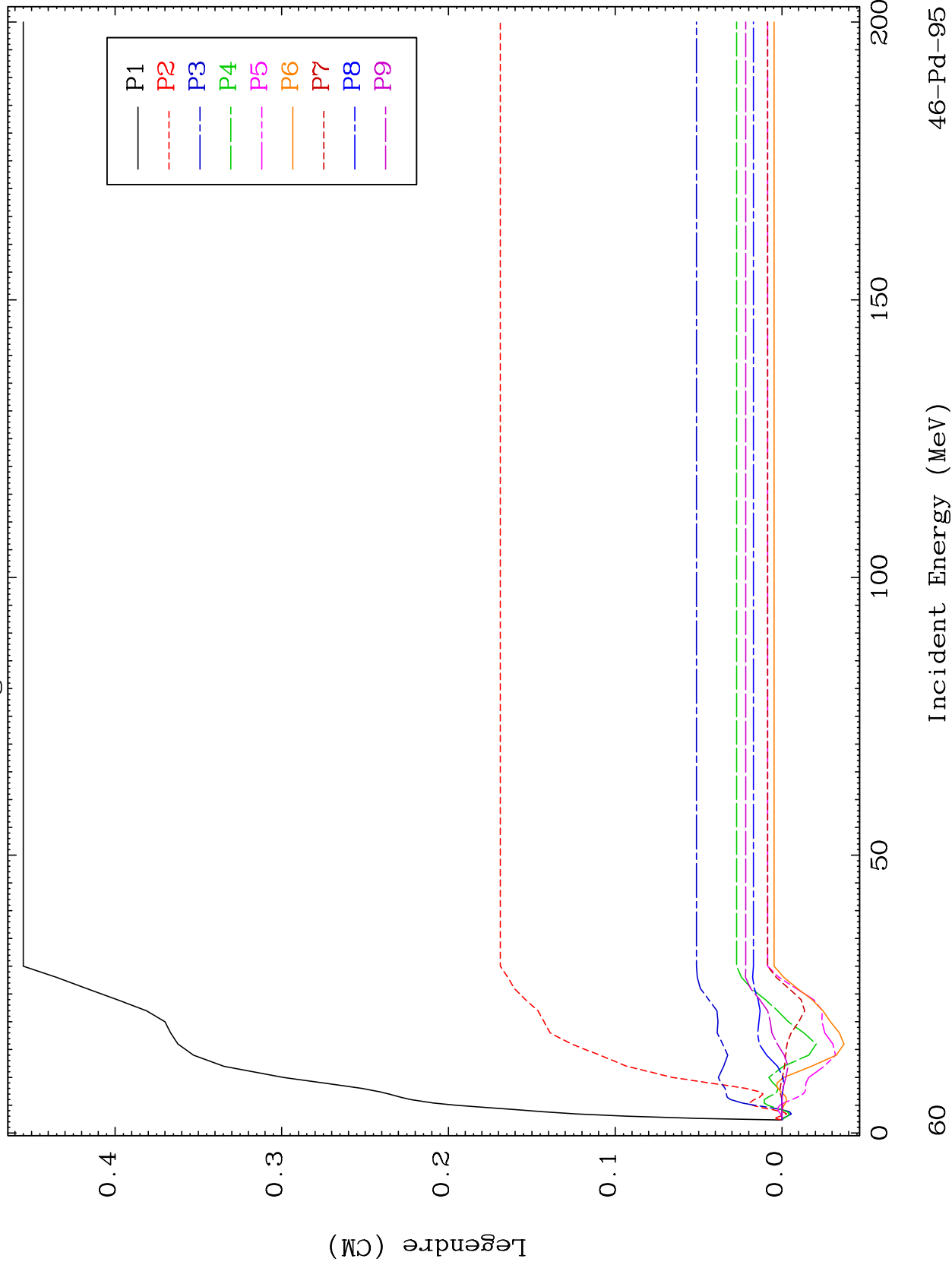


59

MAT 4604

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

46-Pd-95



46-Pd-95

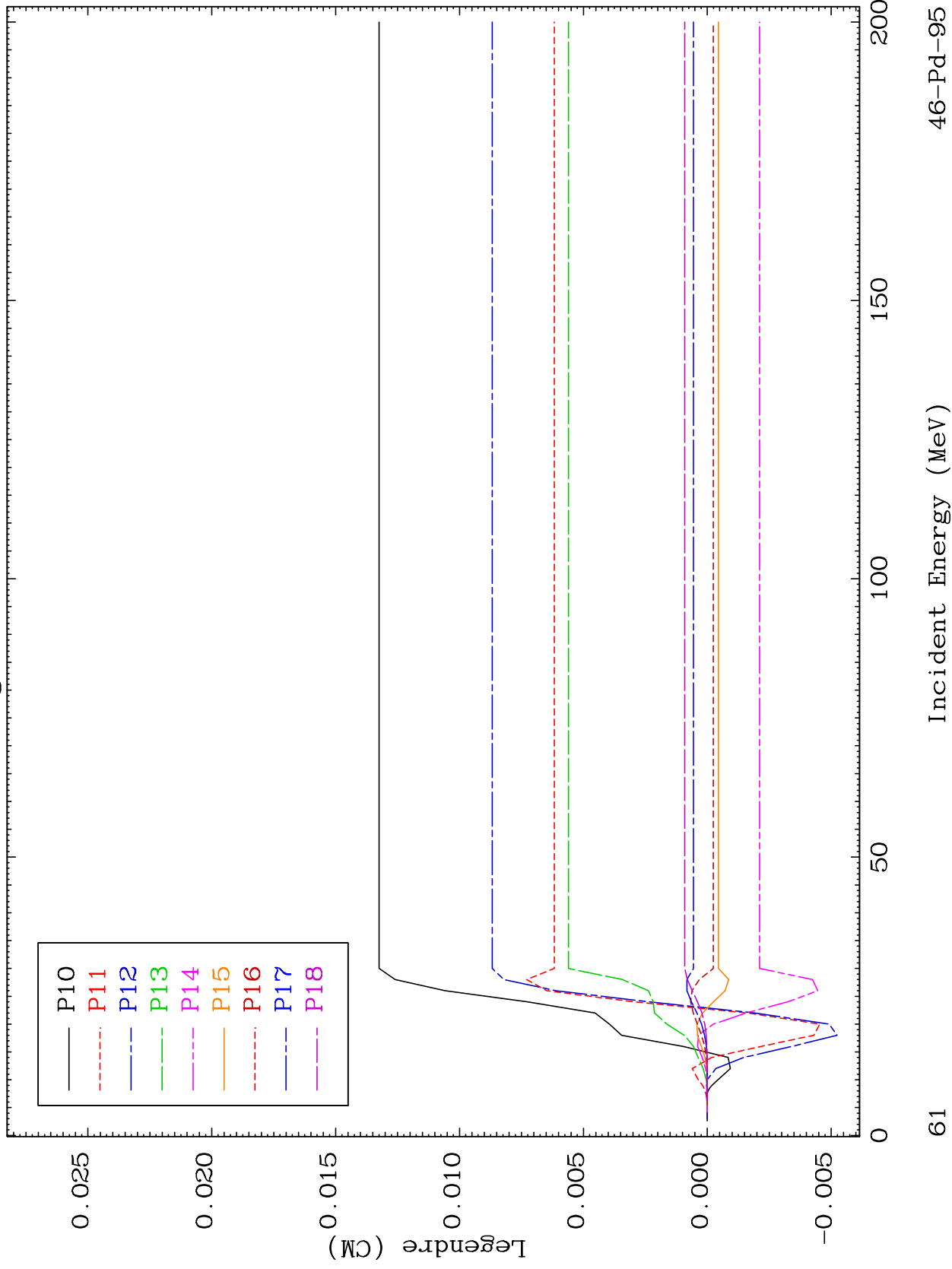
Incident Energy (MeV)

60

MAT 4604

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

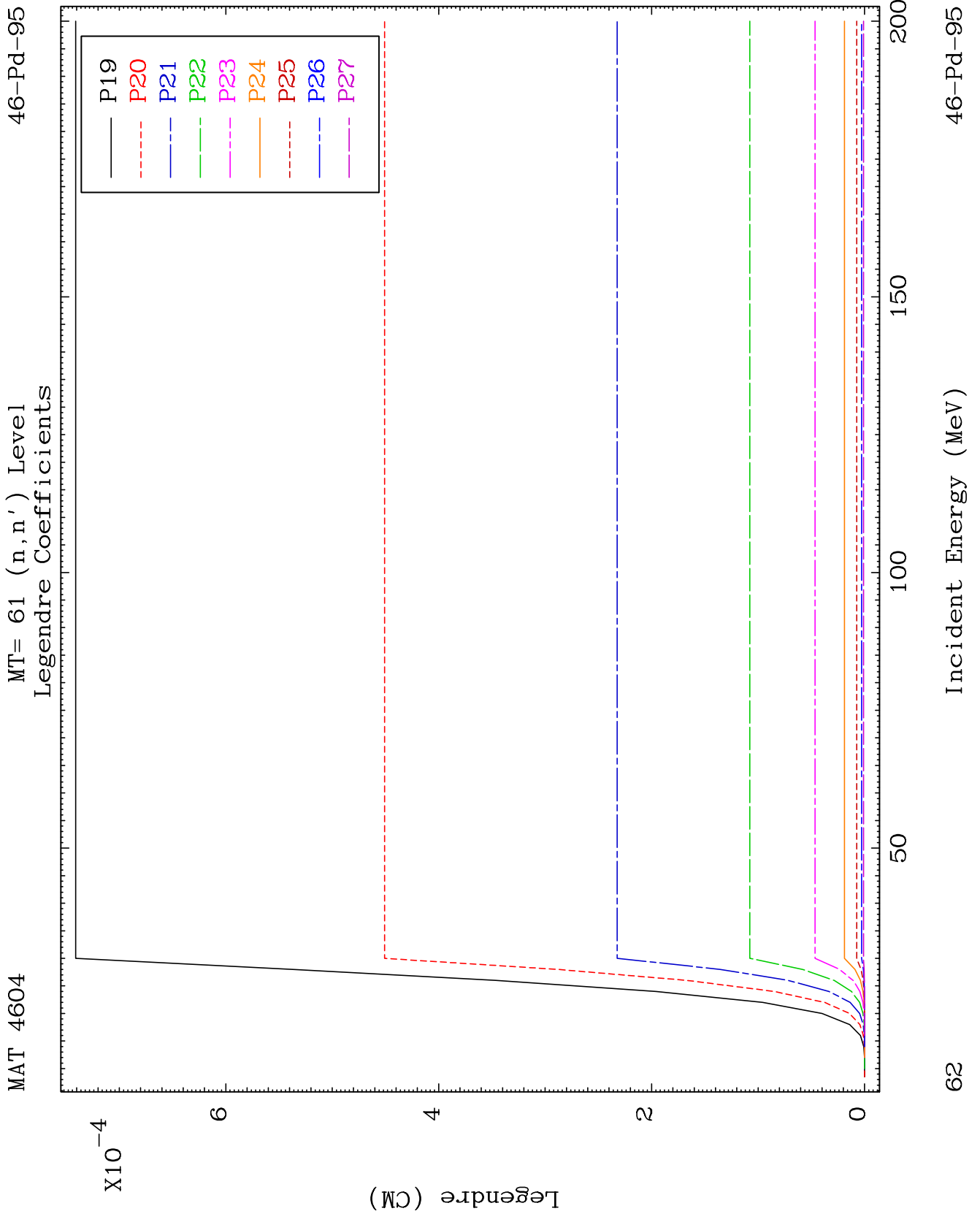
46-Pd-95



61

Incident Energy (MeV)

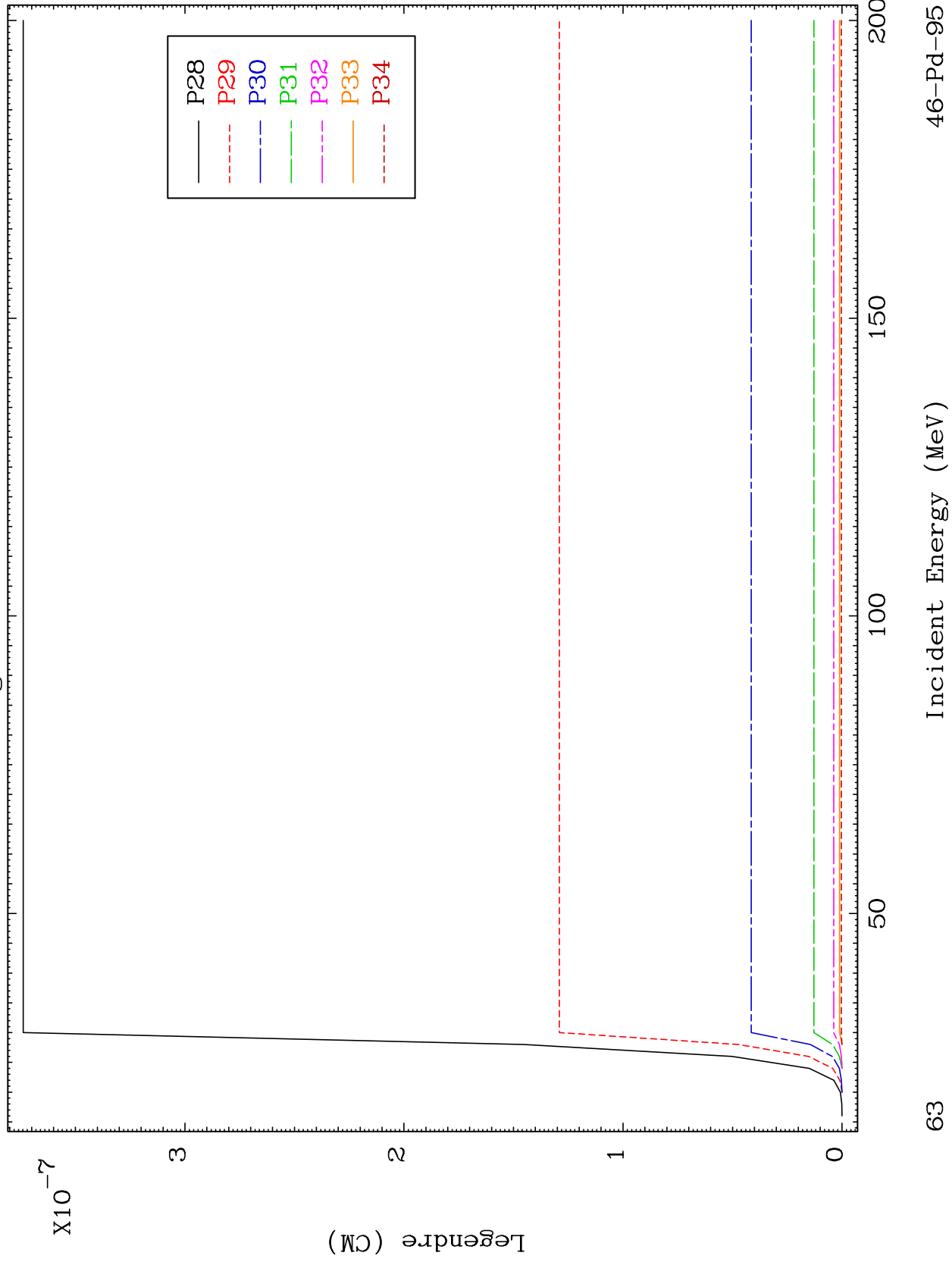
46-Pd-95



MAT 4604

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

46-Pd-95



63

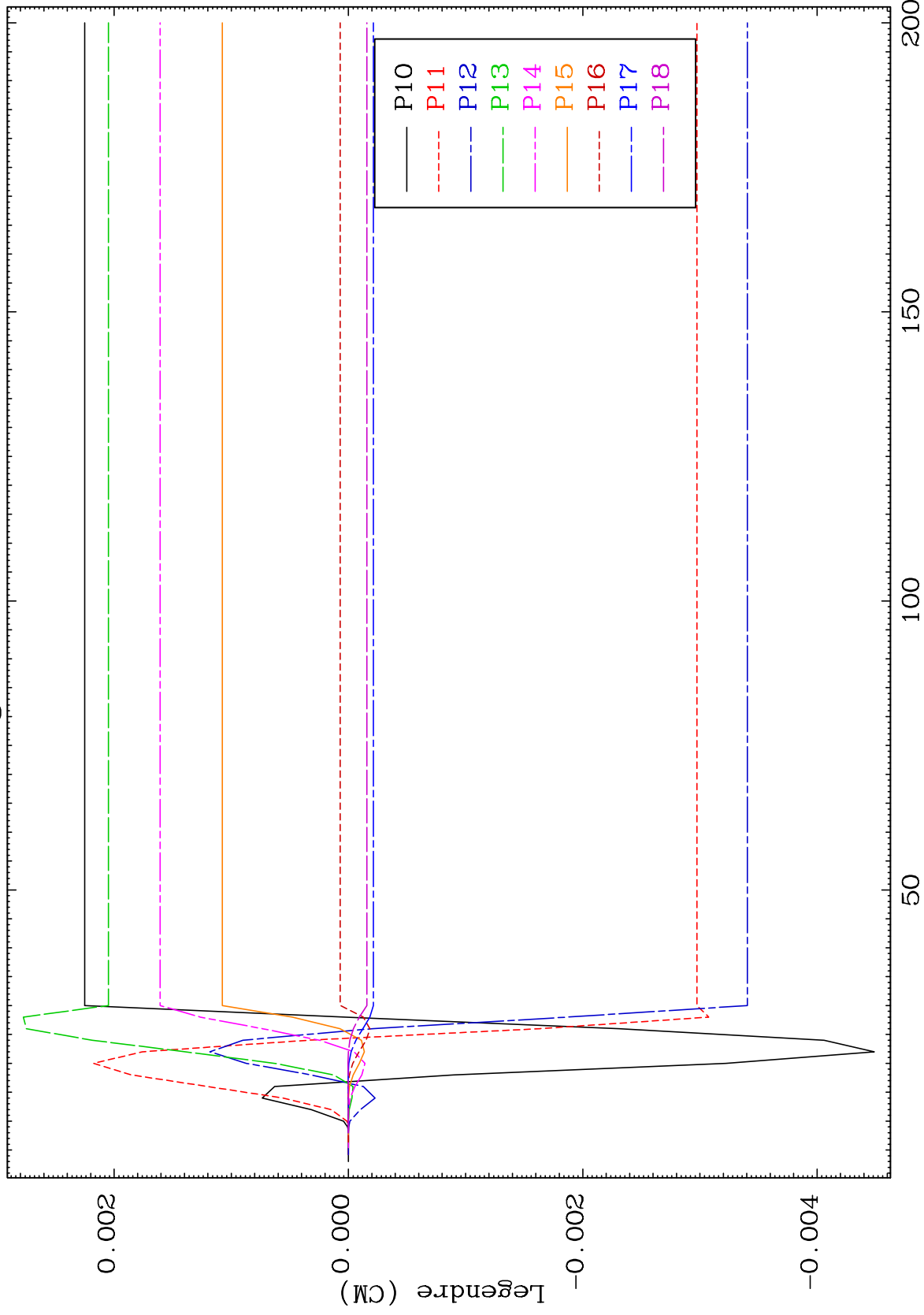




MAT 4604

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

46-Pd-95



65

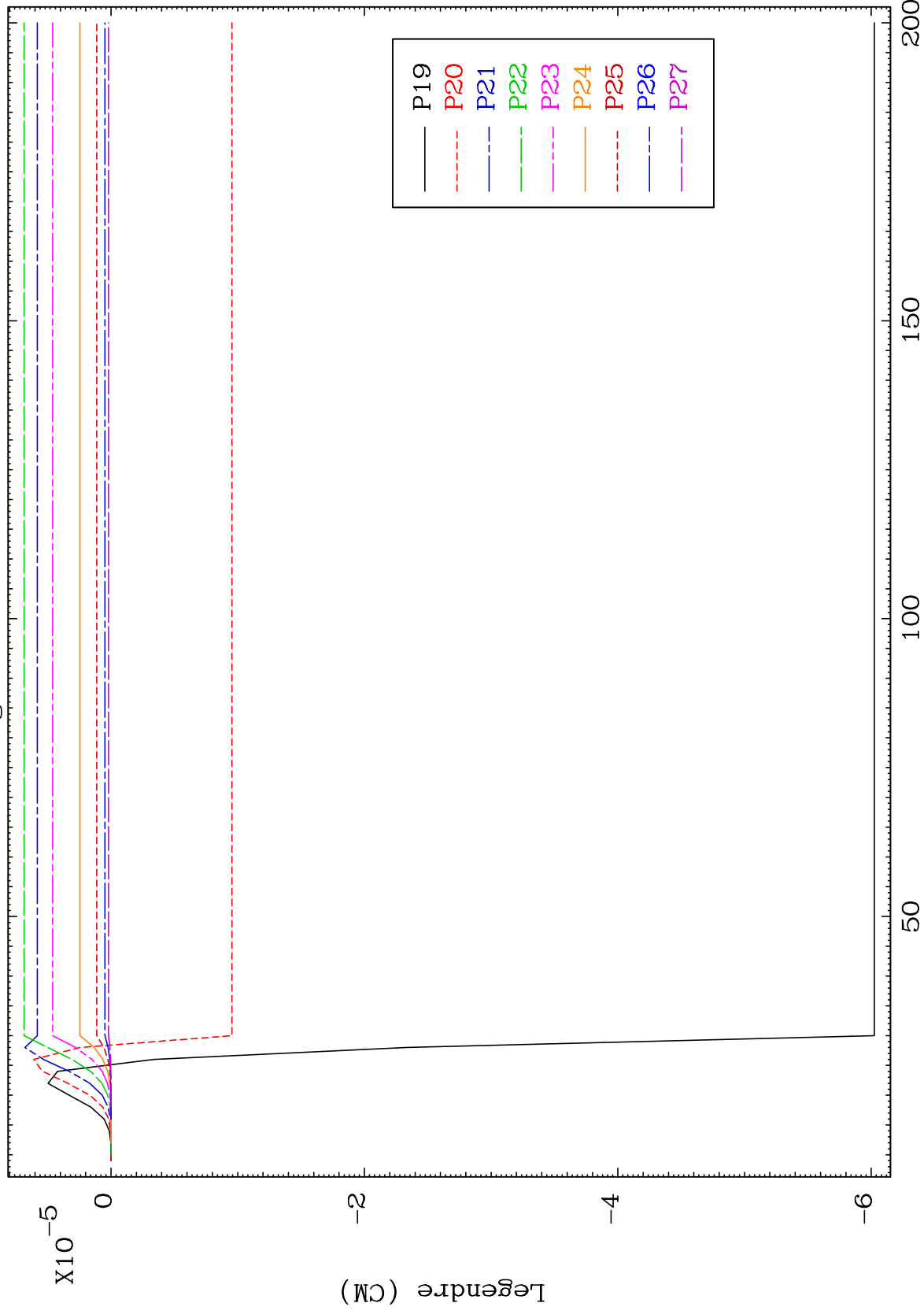
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



66

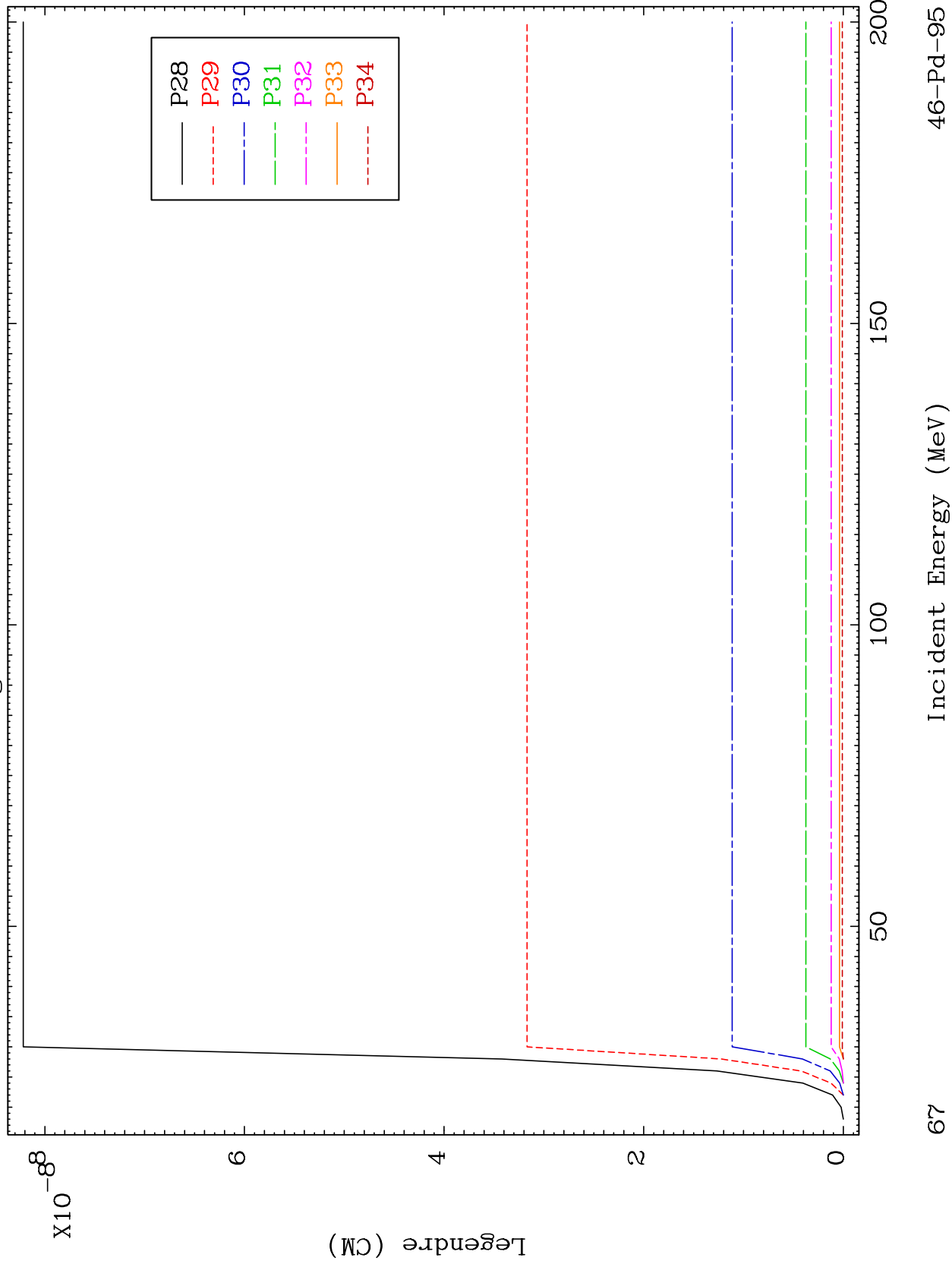
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

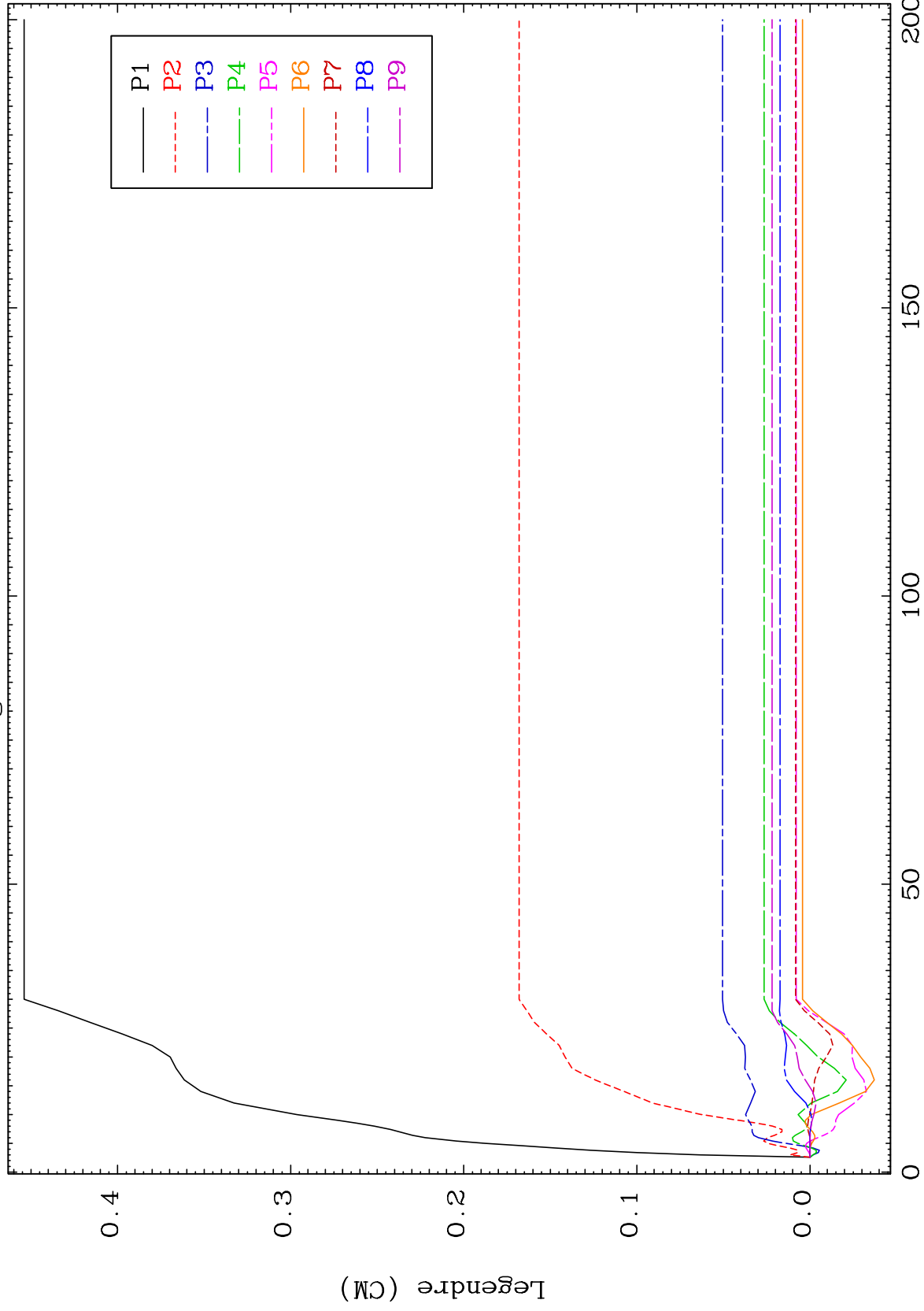
46-Pd-95



MAT 4604

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

46-Pd-95



46-Pd-95

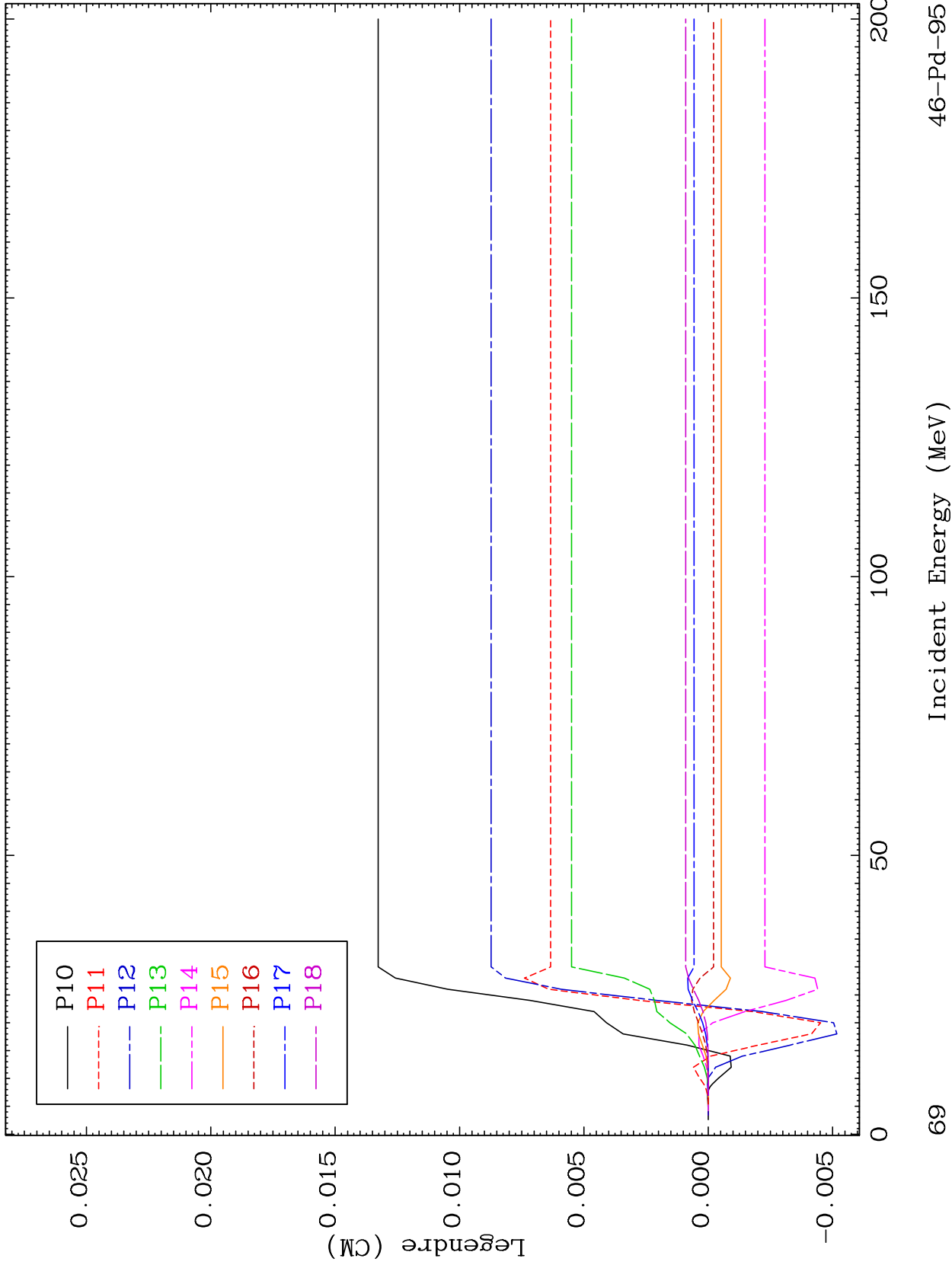
Incident Energy (MeV)

68

MAT 4604

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

46-Pd-95



69

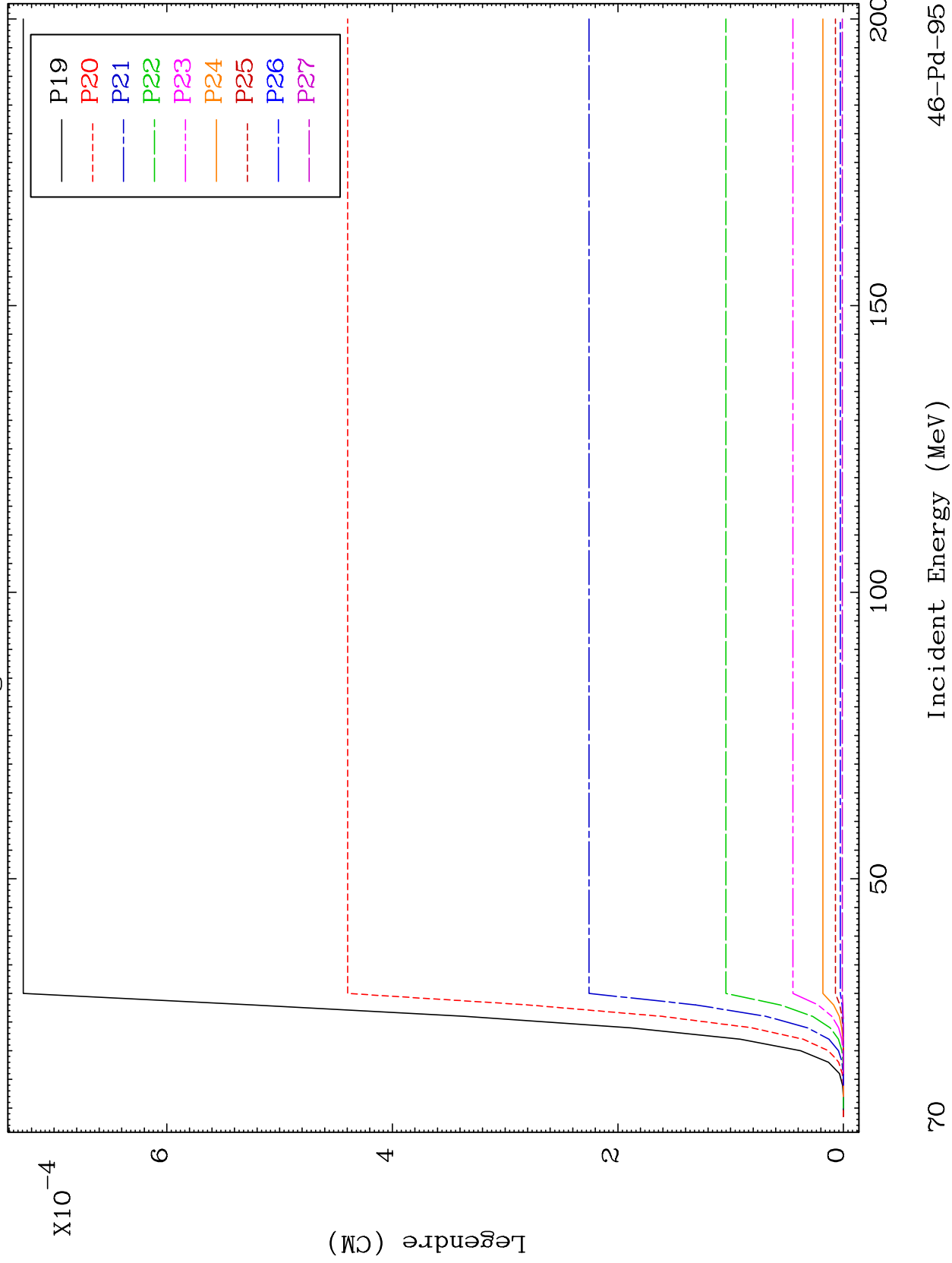
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

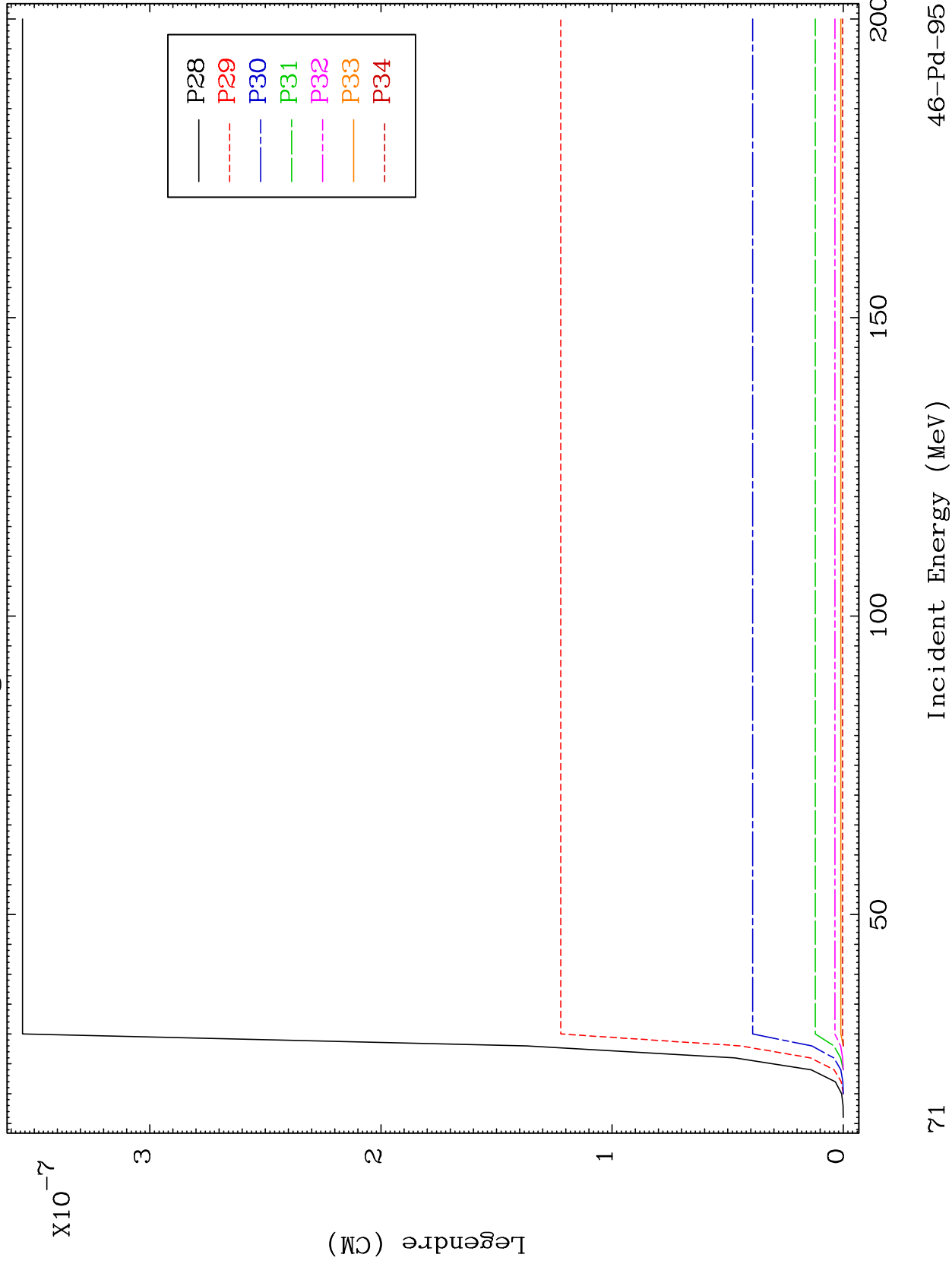
46-Pd-95



MAT 4604

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

46-Pd-95

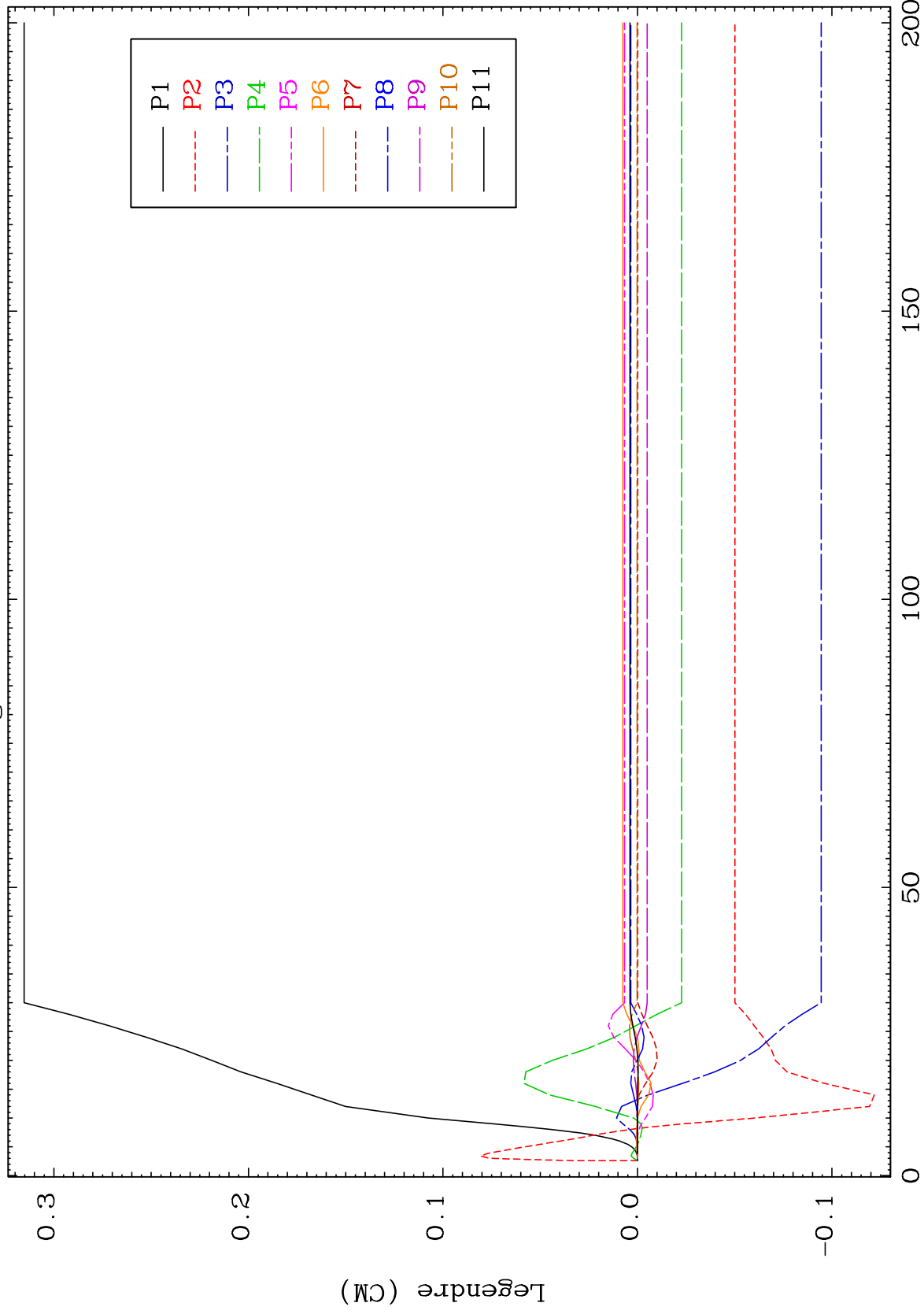




MAT 4604

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

46-Pd-95



72

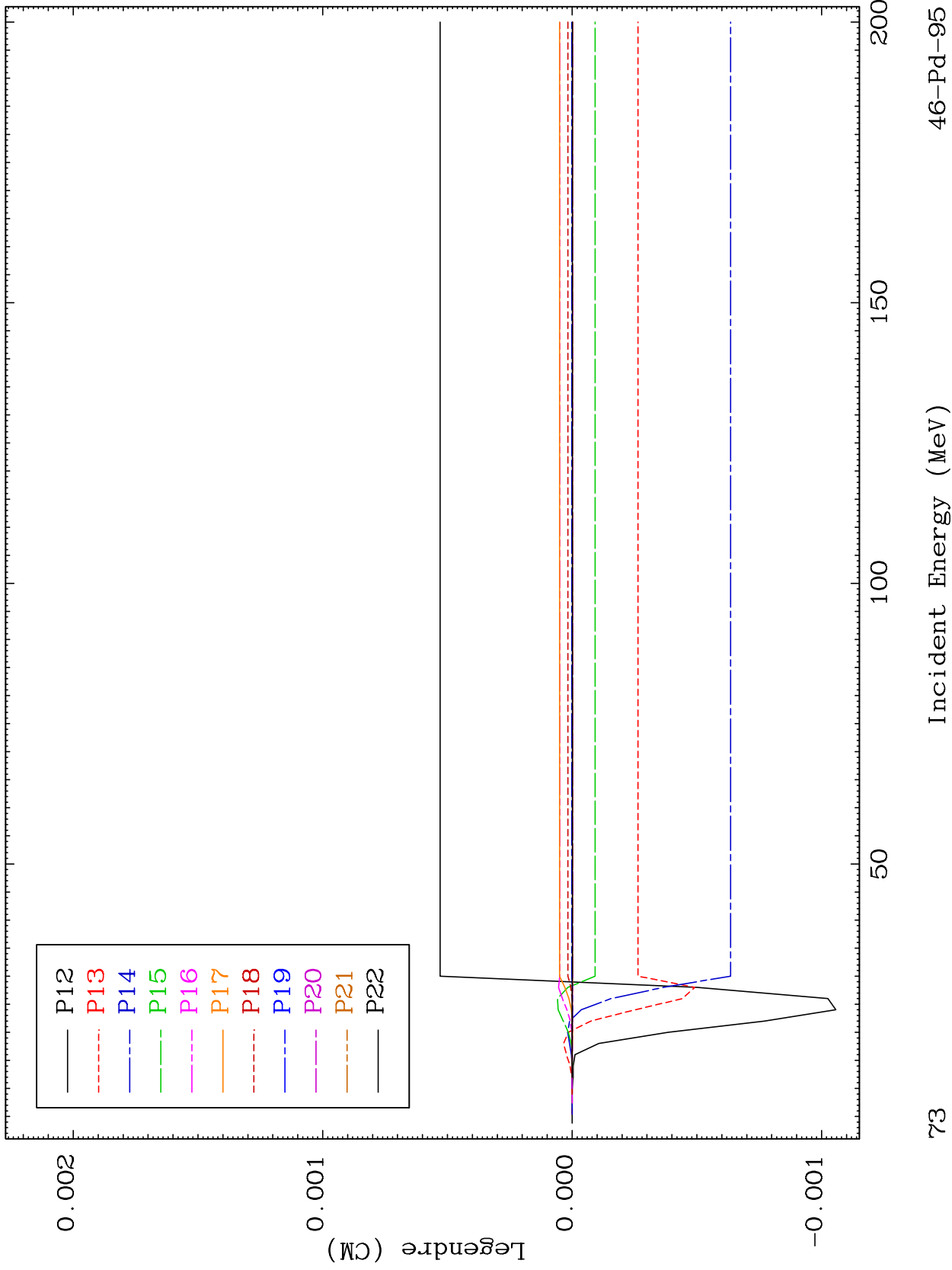
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

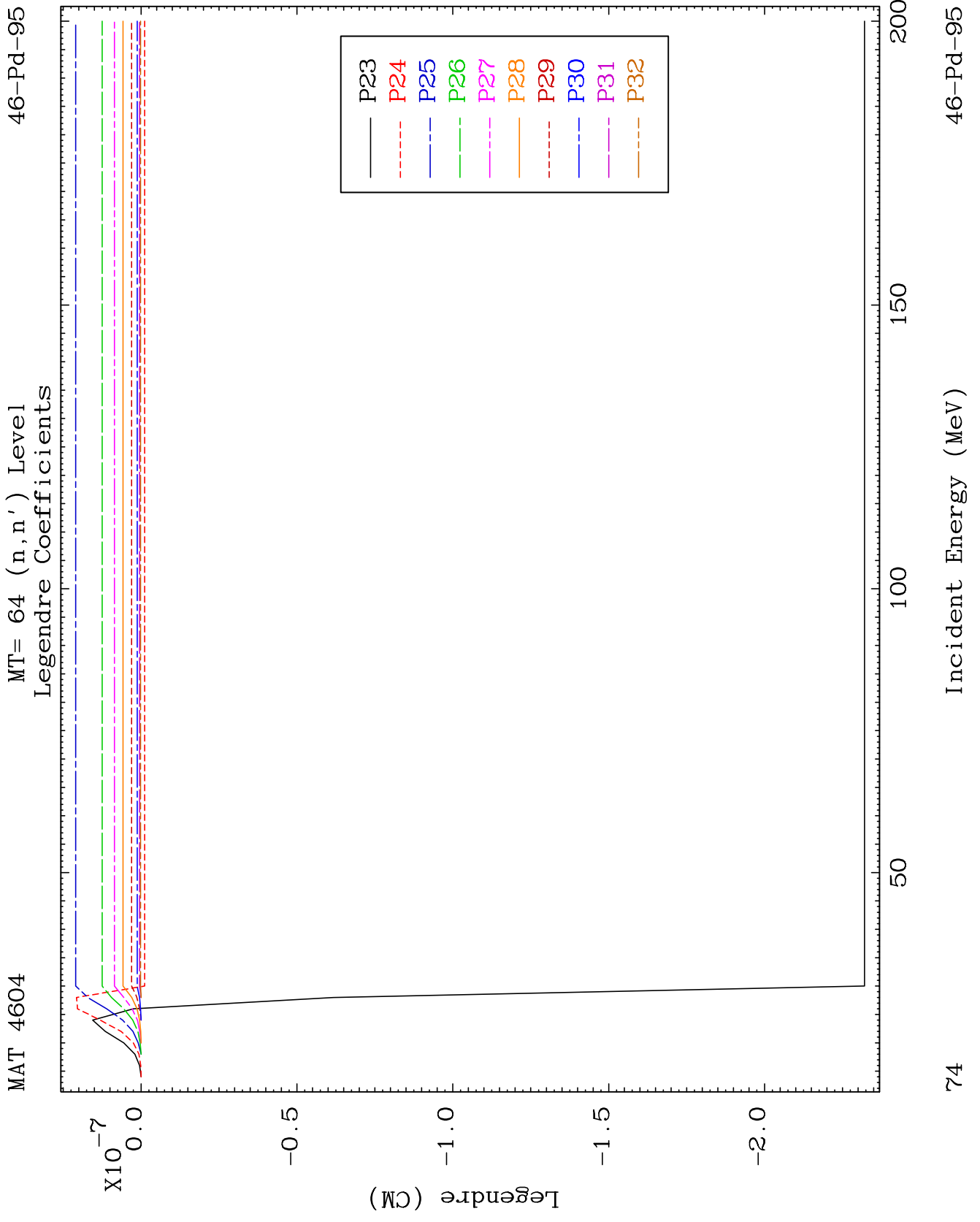
46-Pd-95

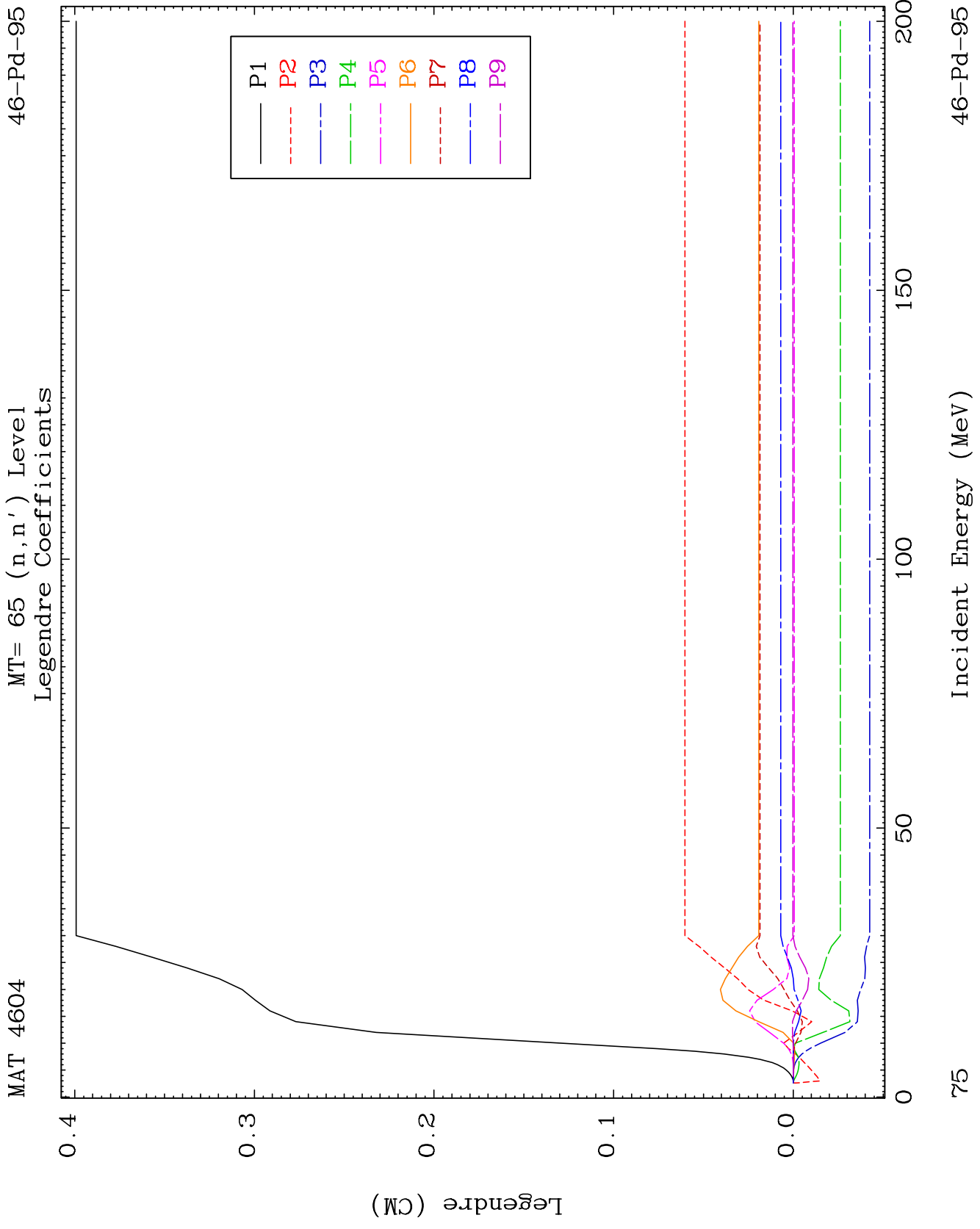


73

Incident Energy (MeV)

46-Pd-95

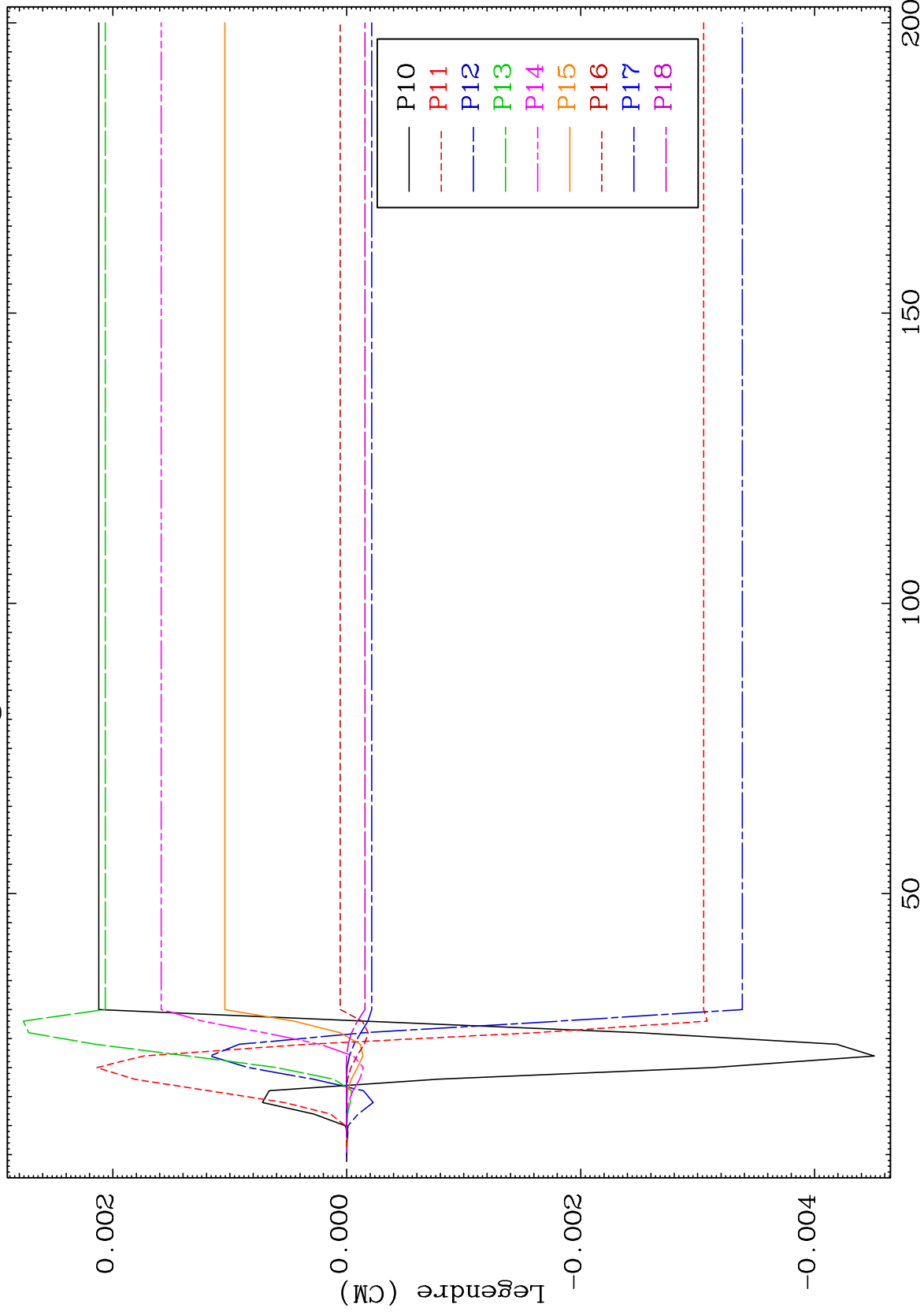




MAT 4604

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

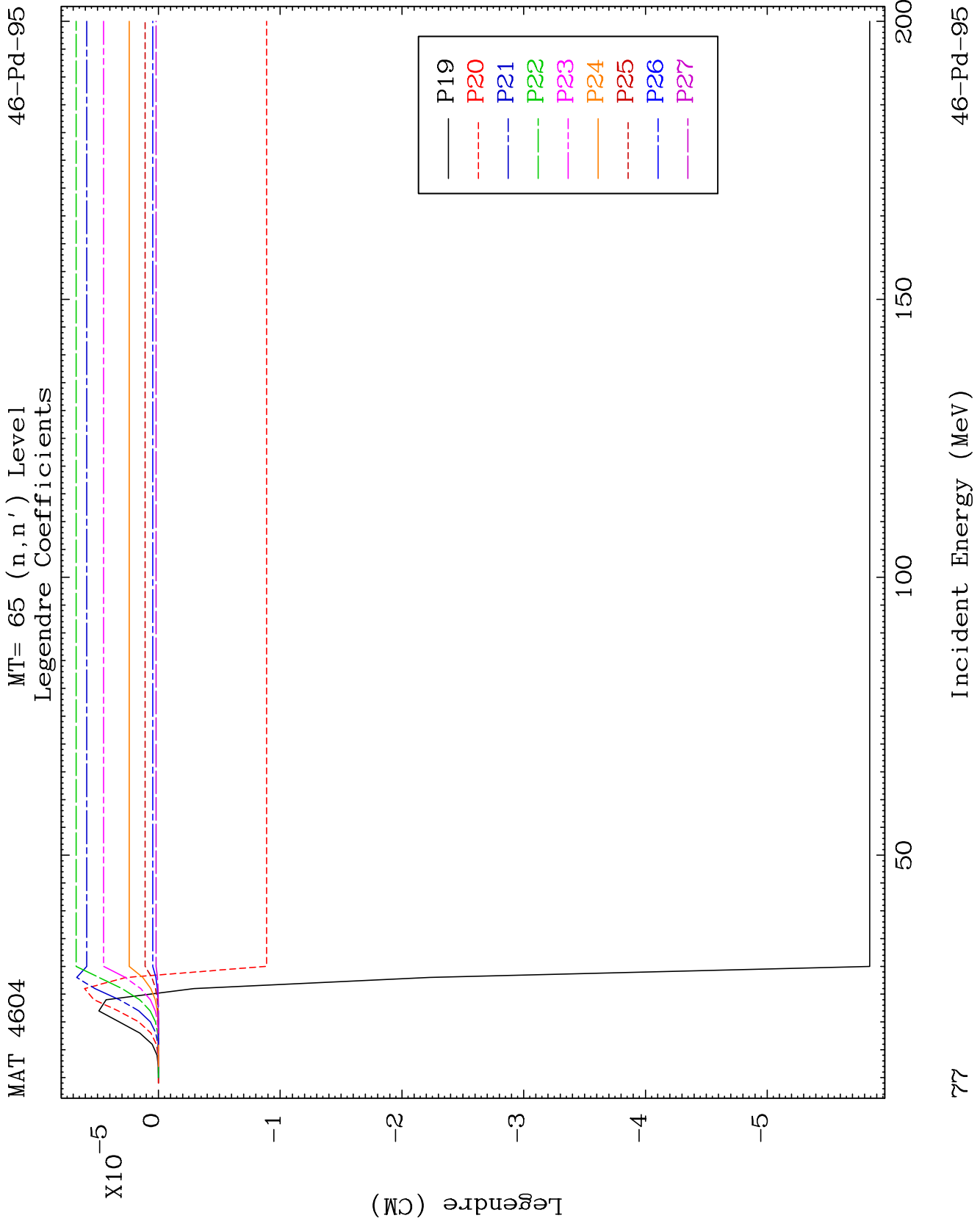
46-Pd-95

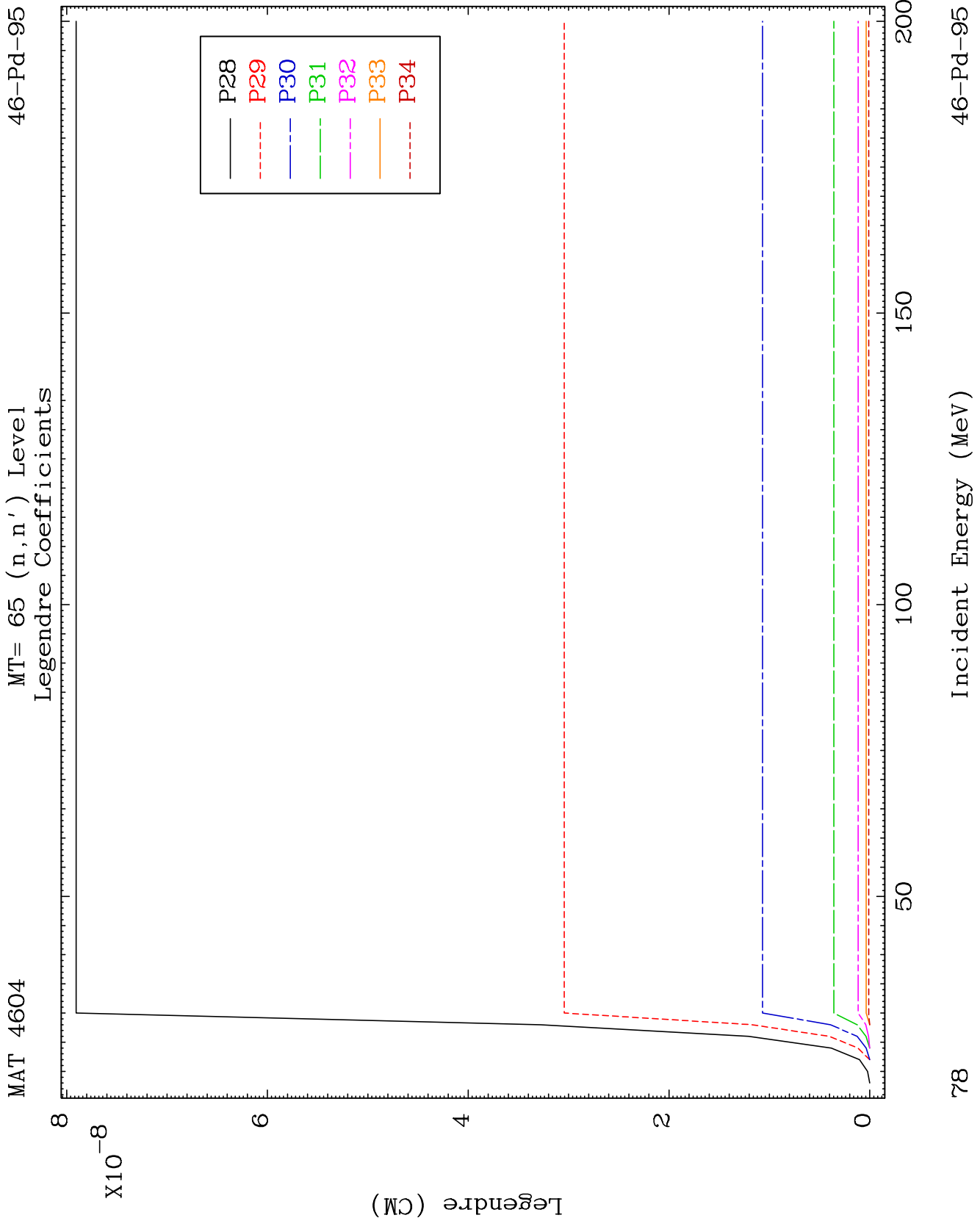


76

Incident Energy (MeV)

46-Pd-95





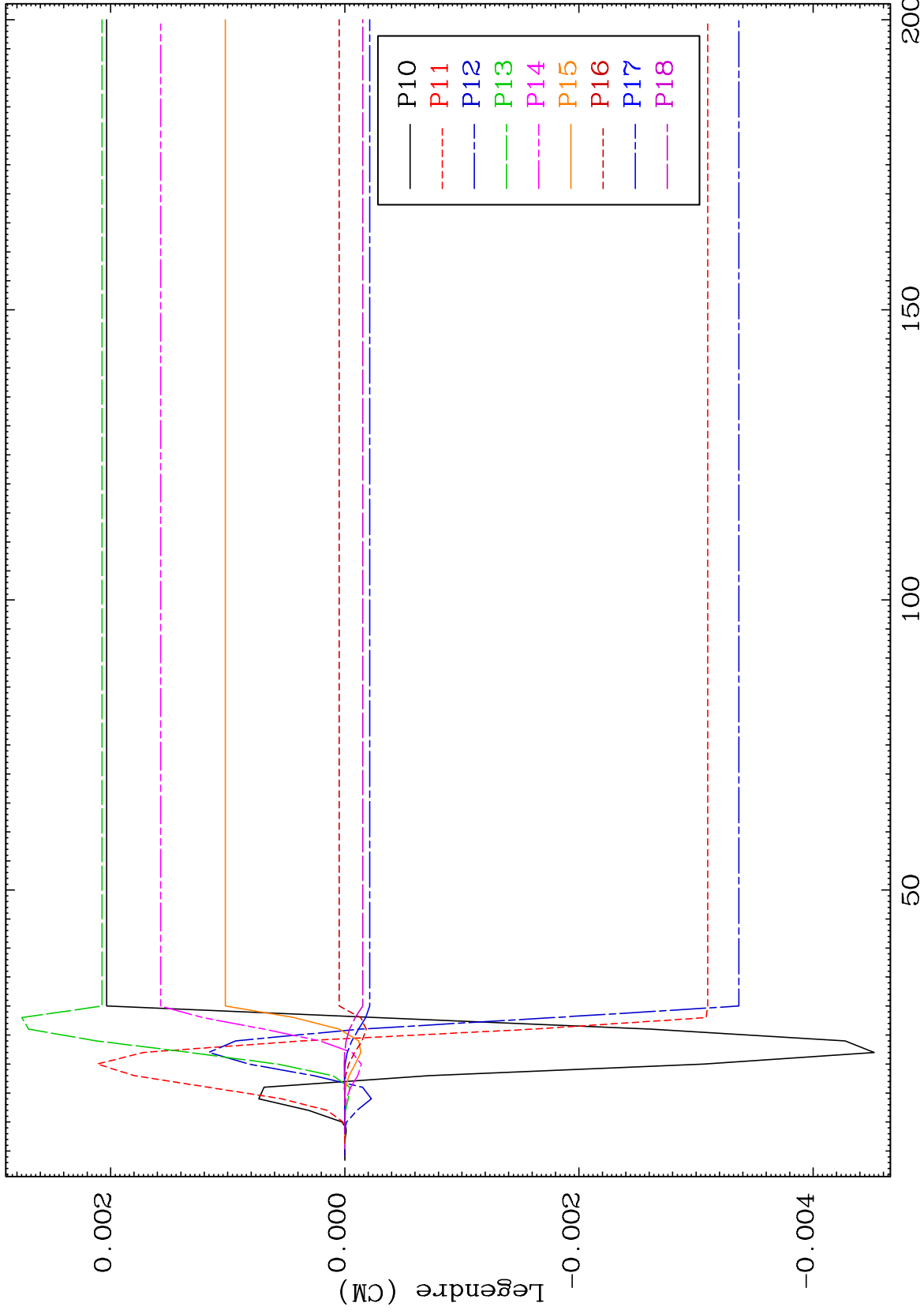




MAT 4604

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

46-Pd-95



80

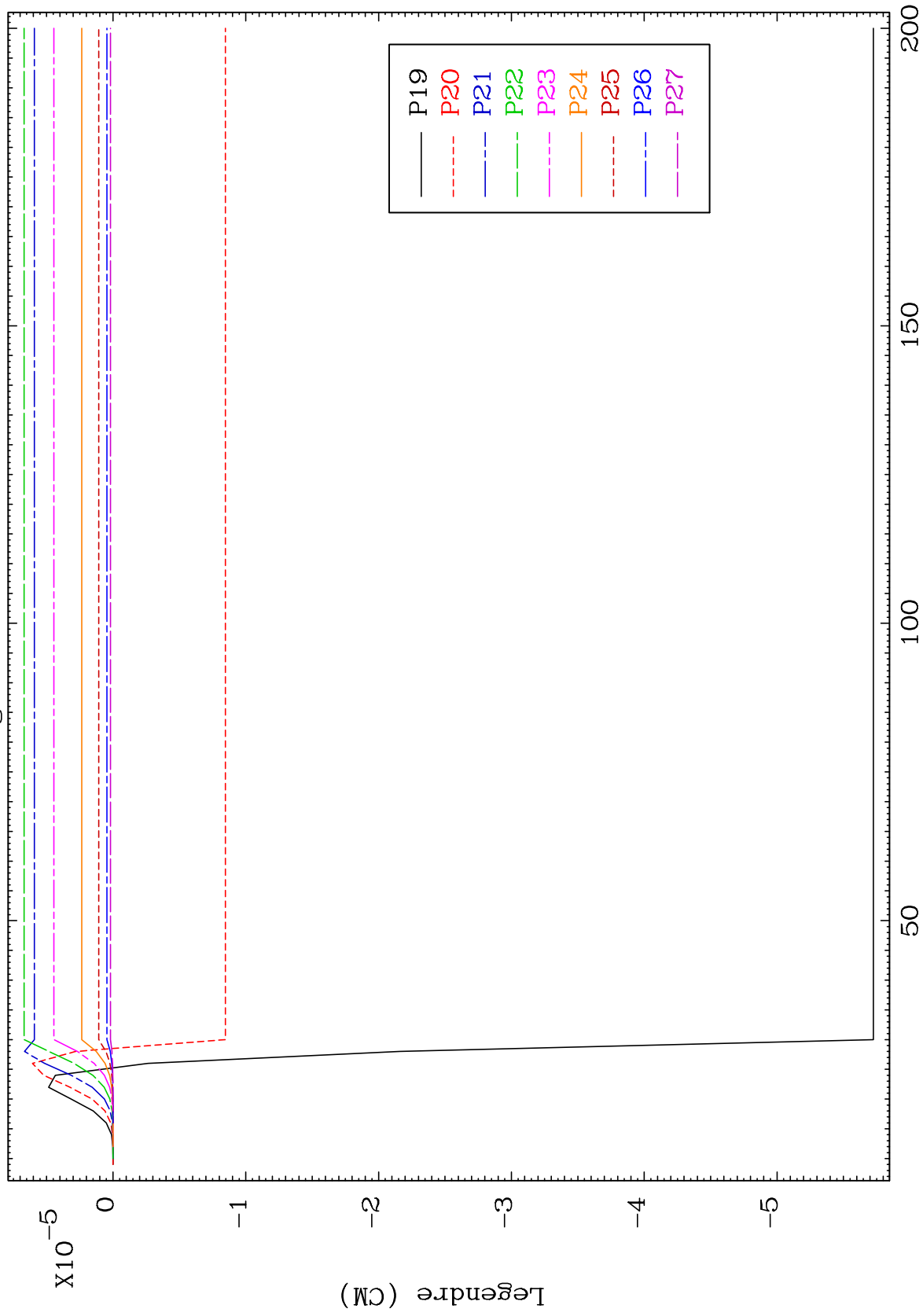
Incident Energy (MeV)

46-Pd-95

MAT 4604

46-Pd-95

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



81

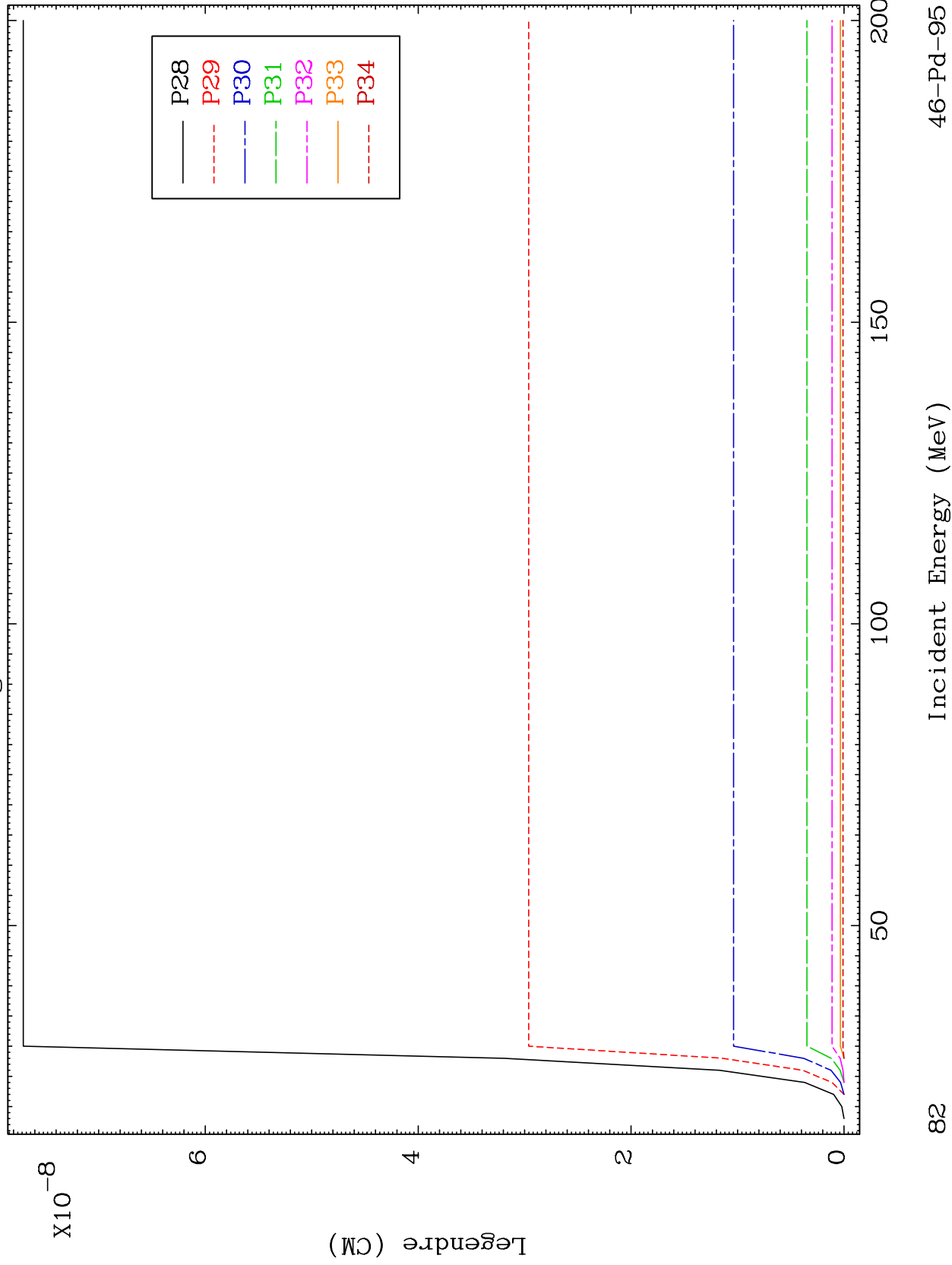
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

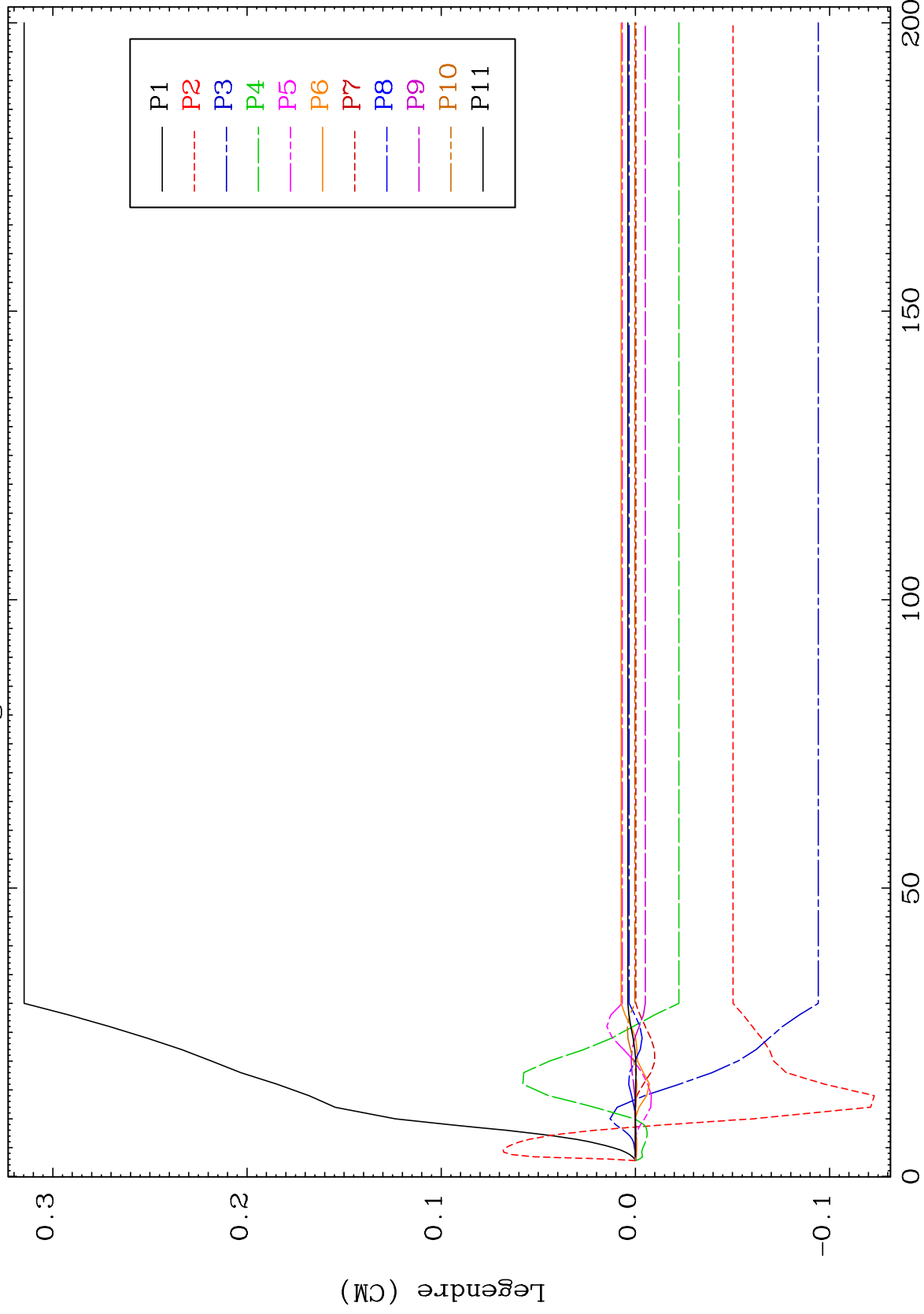
46-Pd-95



MAT 4604

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

46-Pd-95



83

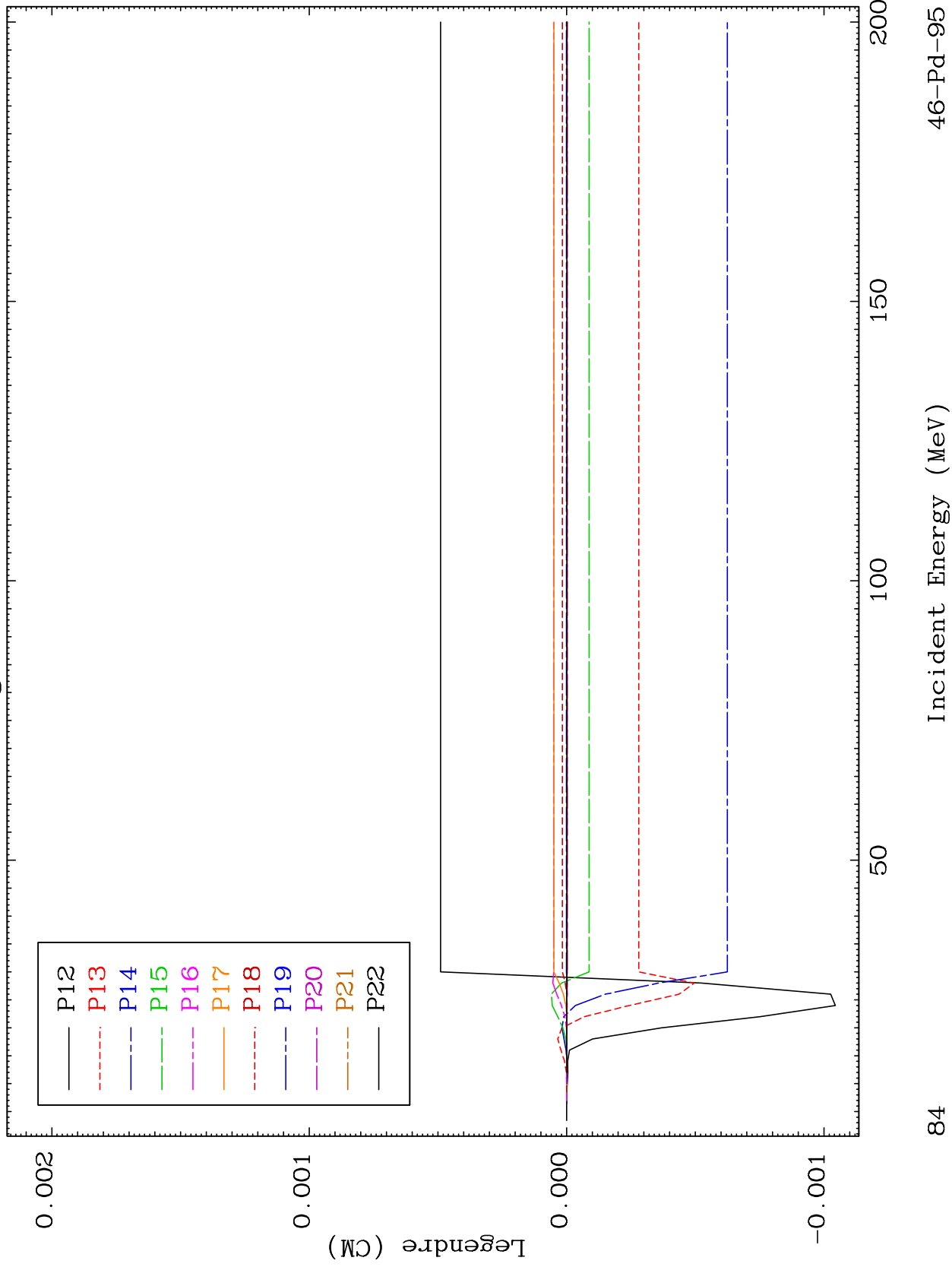
Incident Energy (MeV)

46-Pd-95

MAT 4604

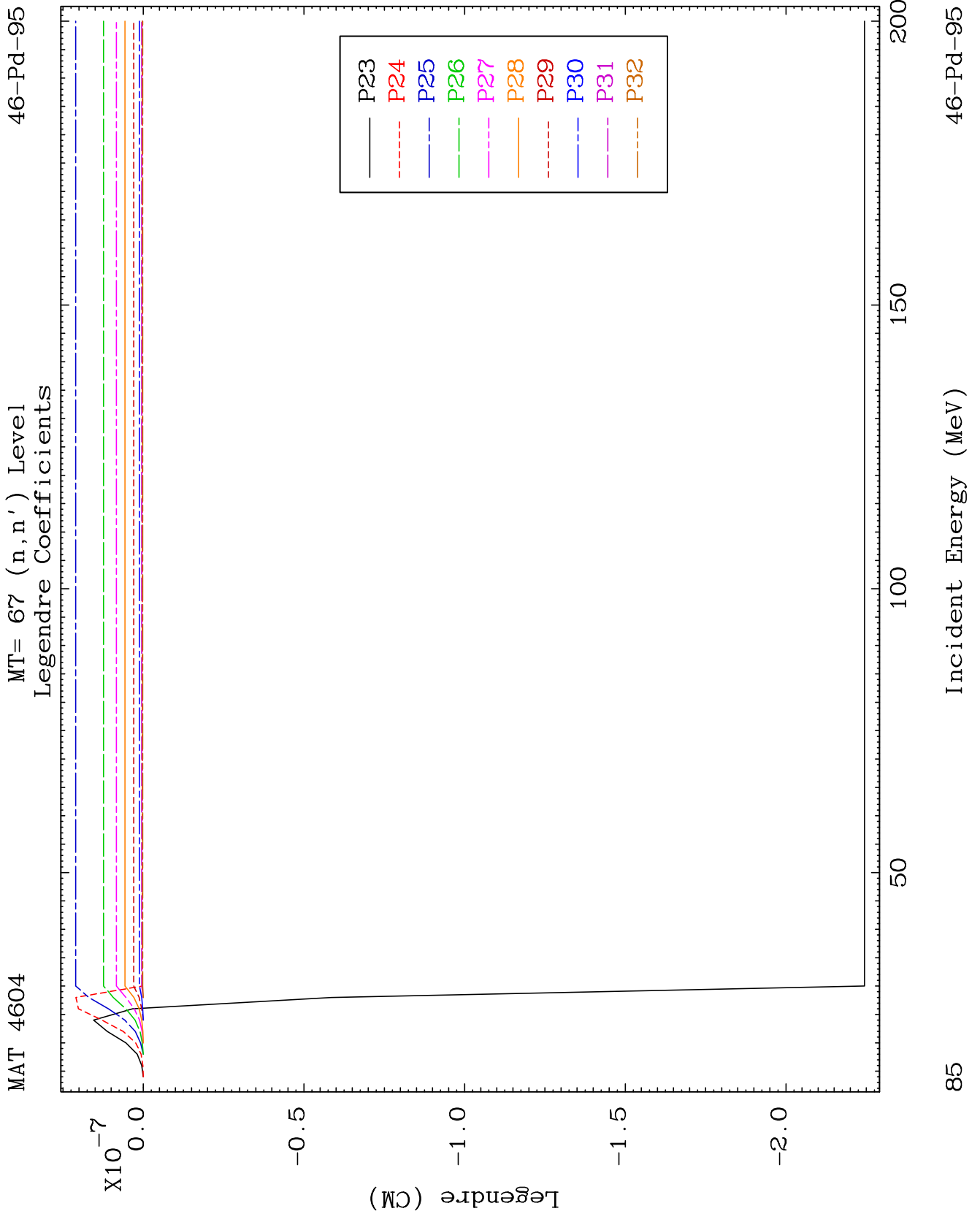
MT= 67 (n,n') Level  
Legendre Coefficients

46-Pd-95



84

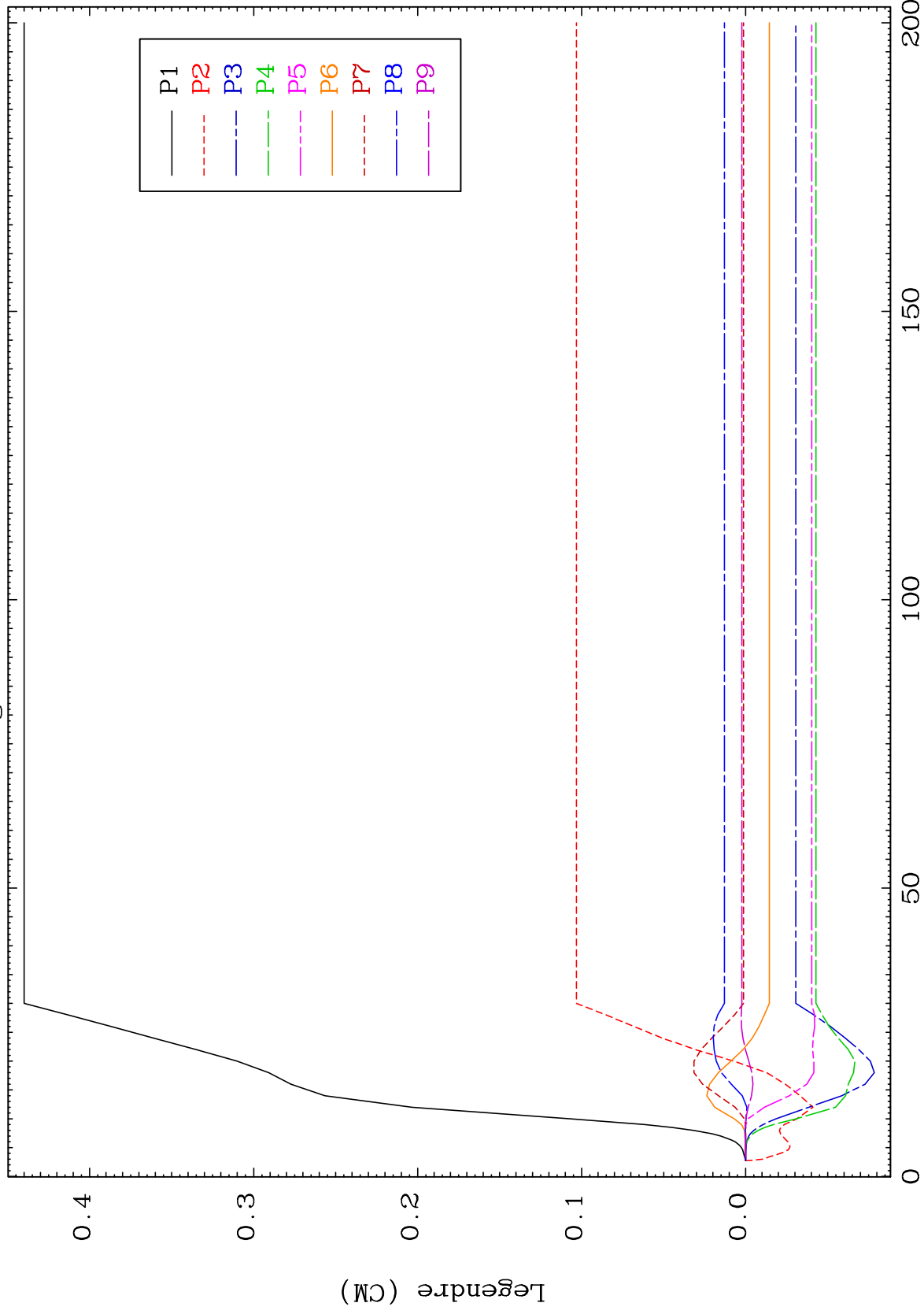
46-Pd-95



MAT 4604

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

46-Pd-95



86

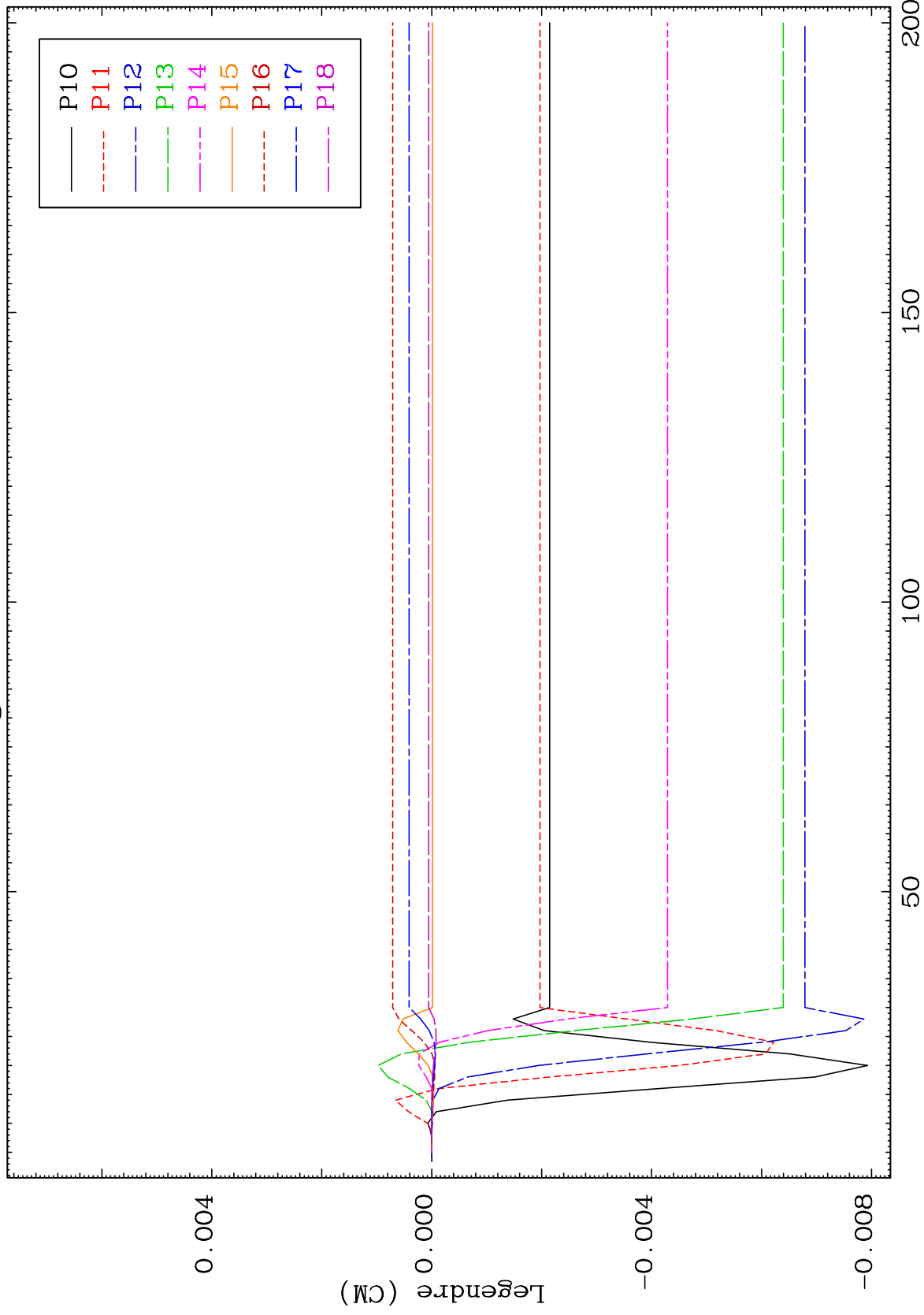
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



87

Incident Energy (MeV)

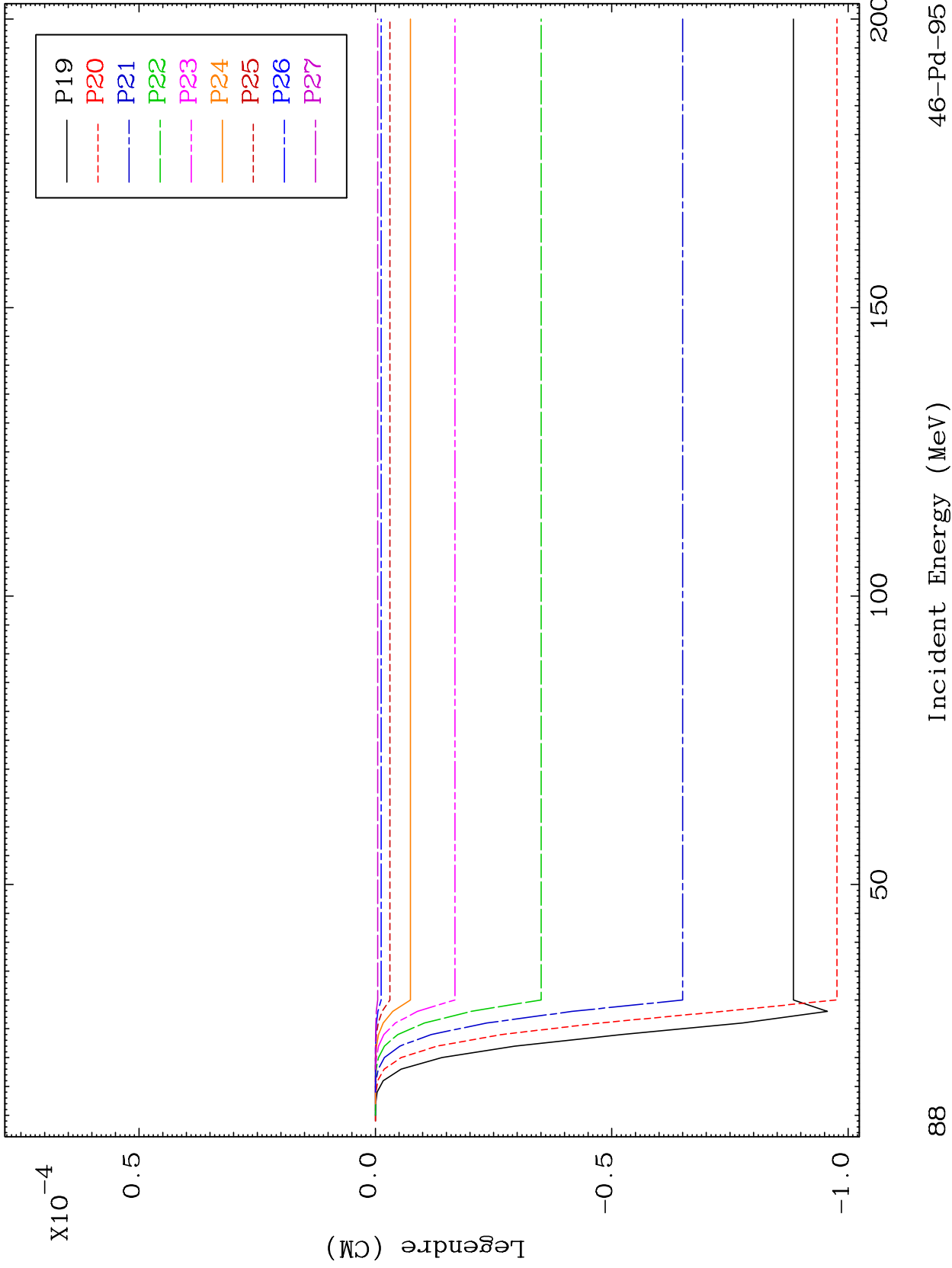
46-Pd-95

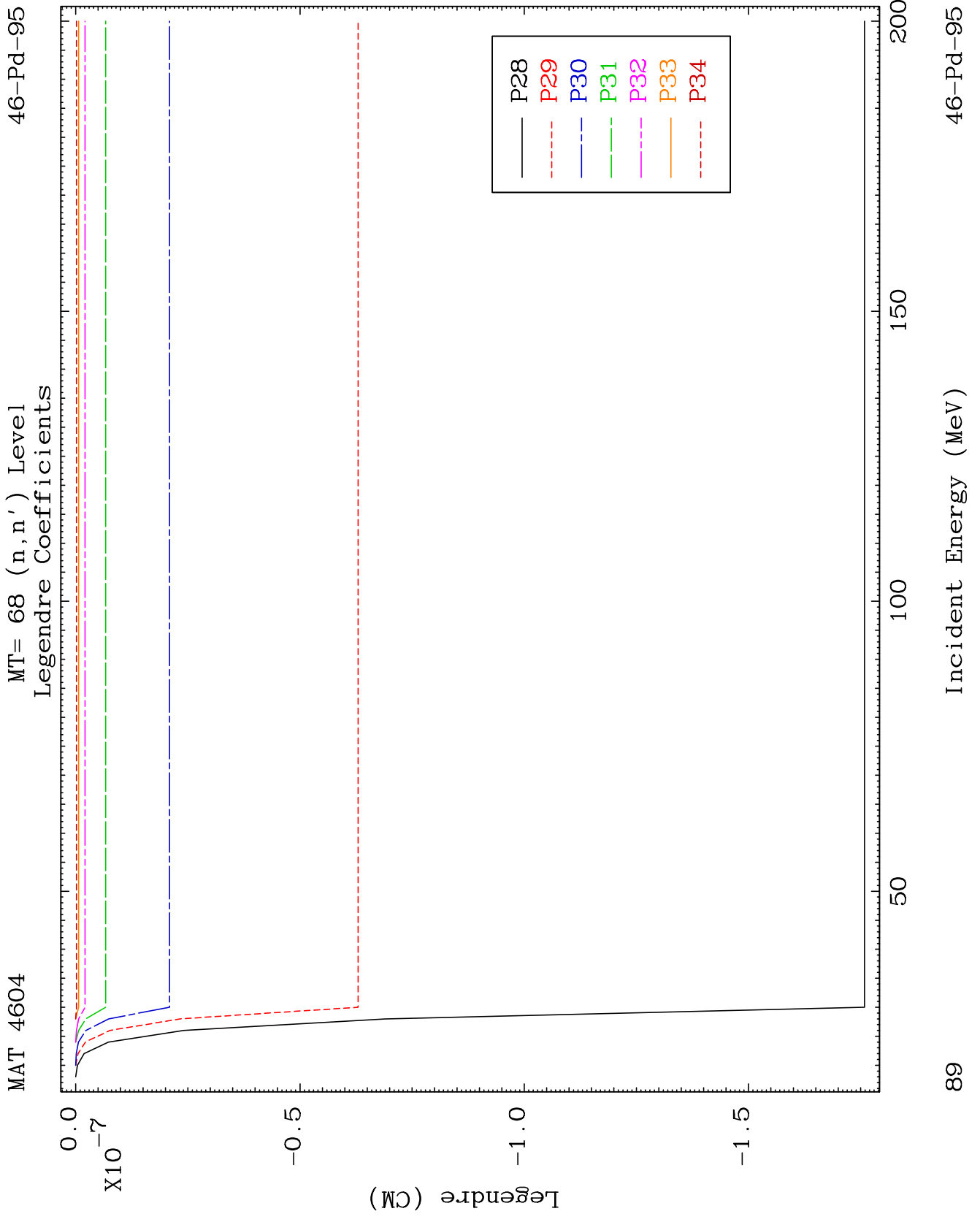


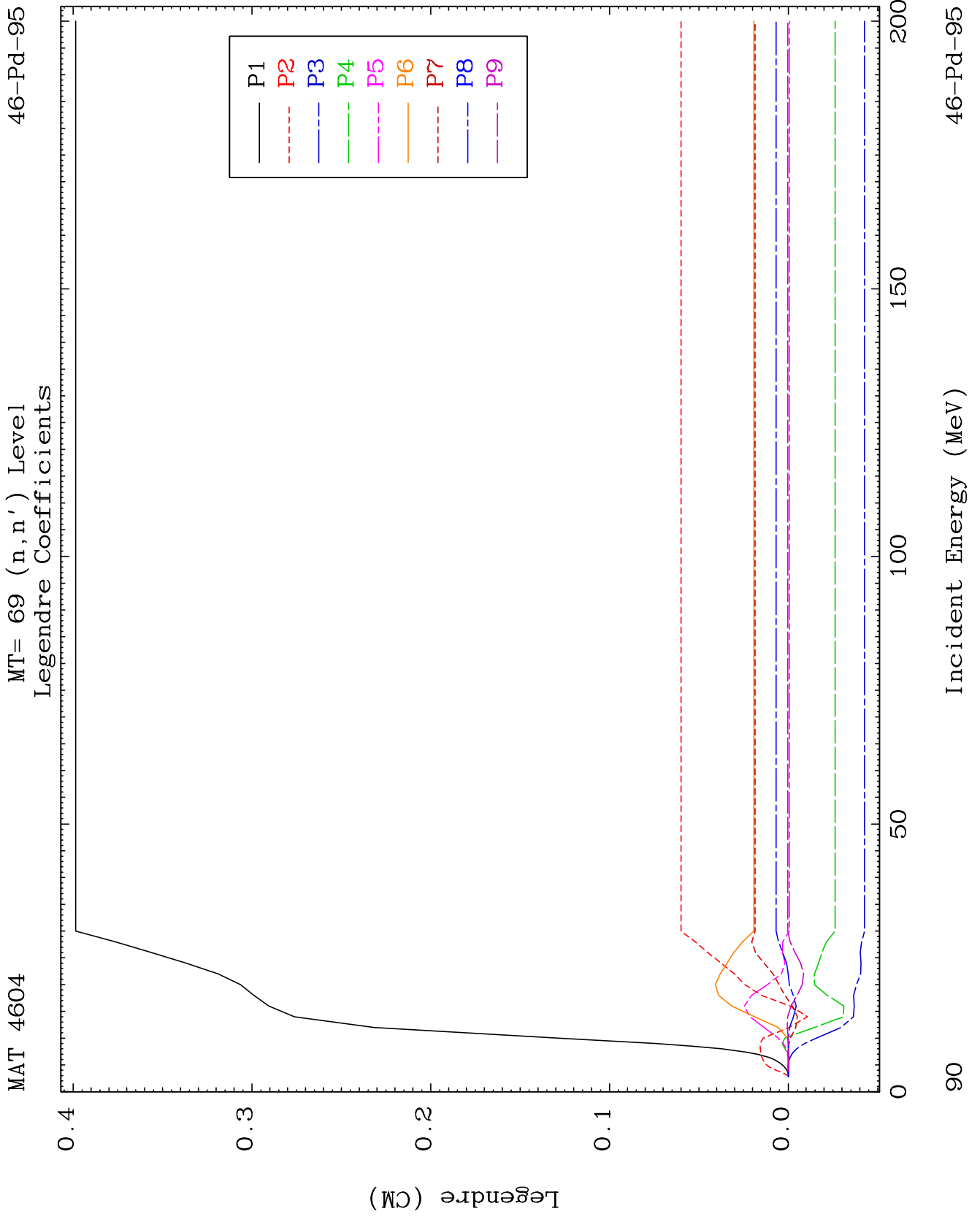
MAT 4604

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

46-Pd-95



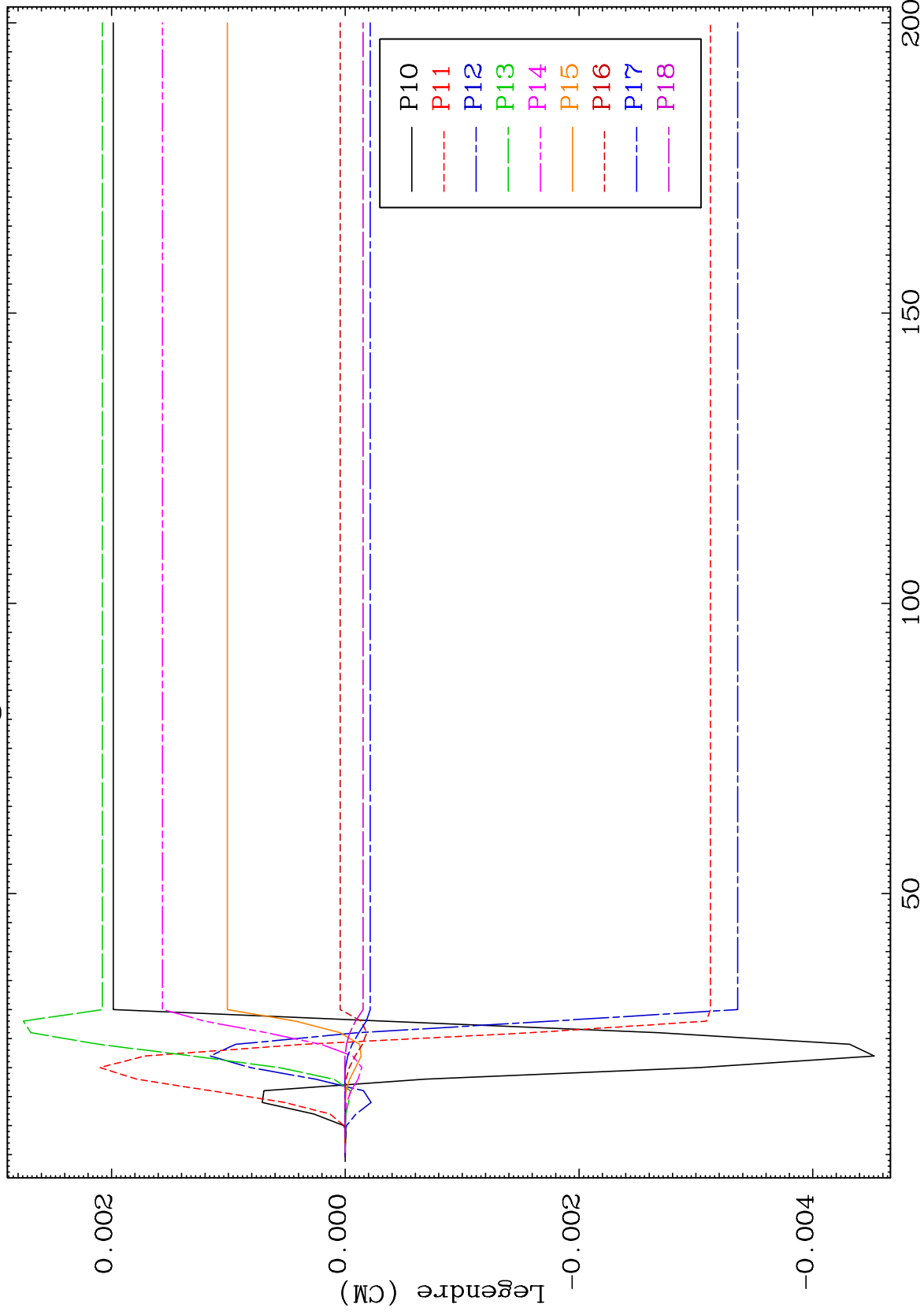




MAT 4604

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

46-Pd-95



91

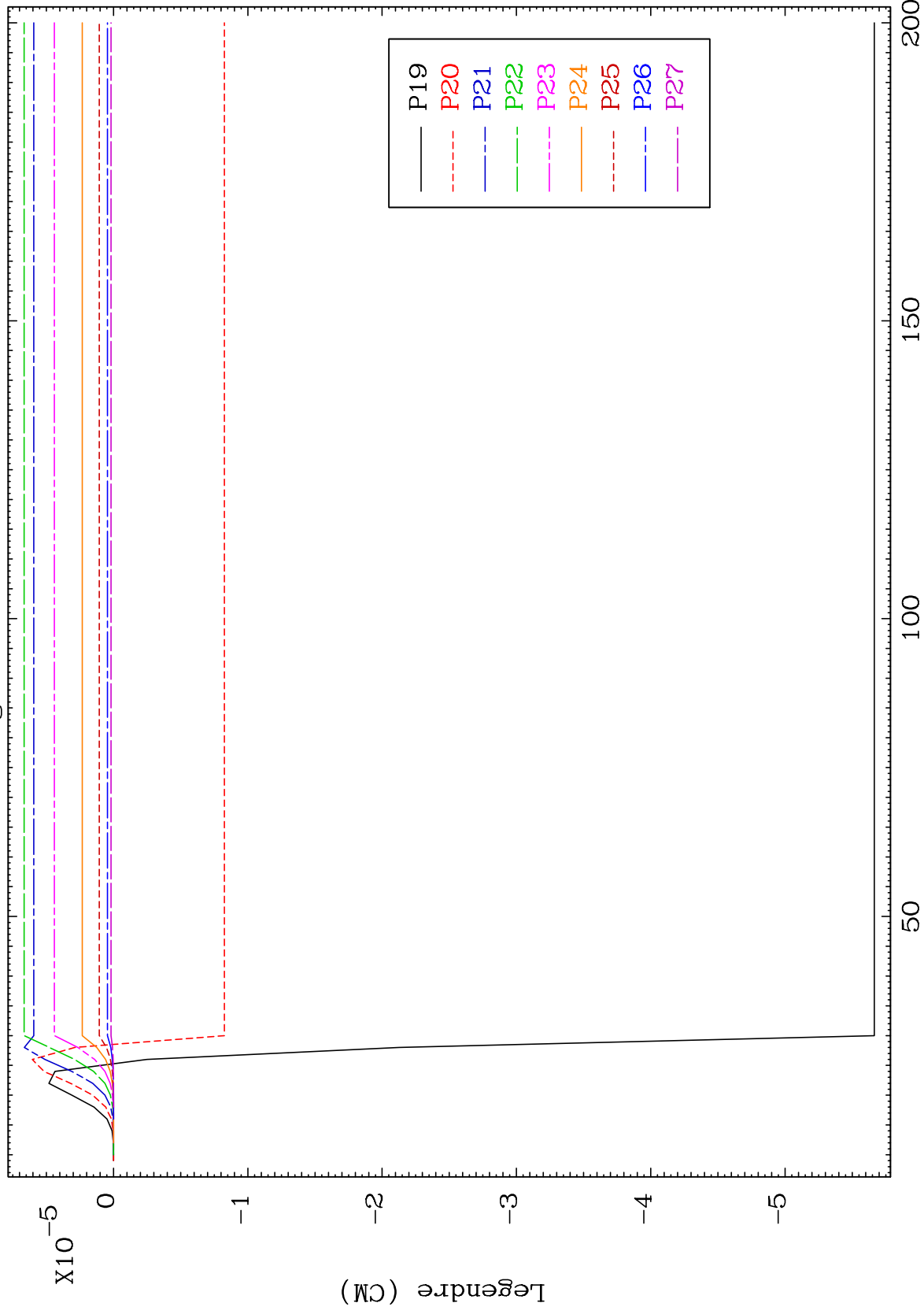
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



92

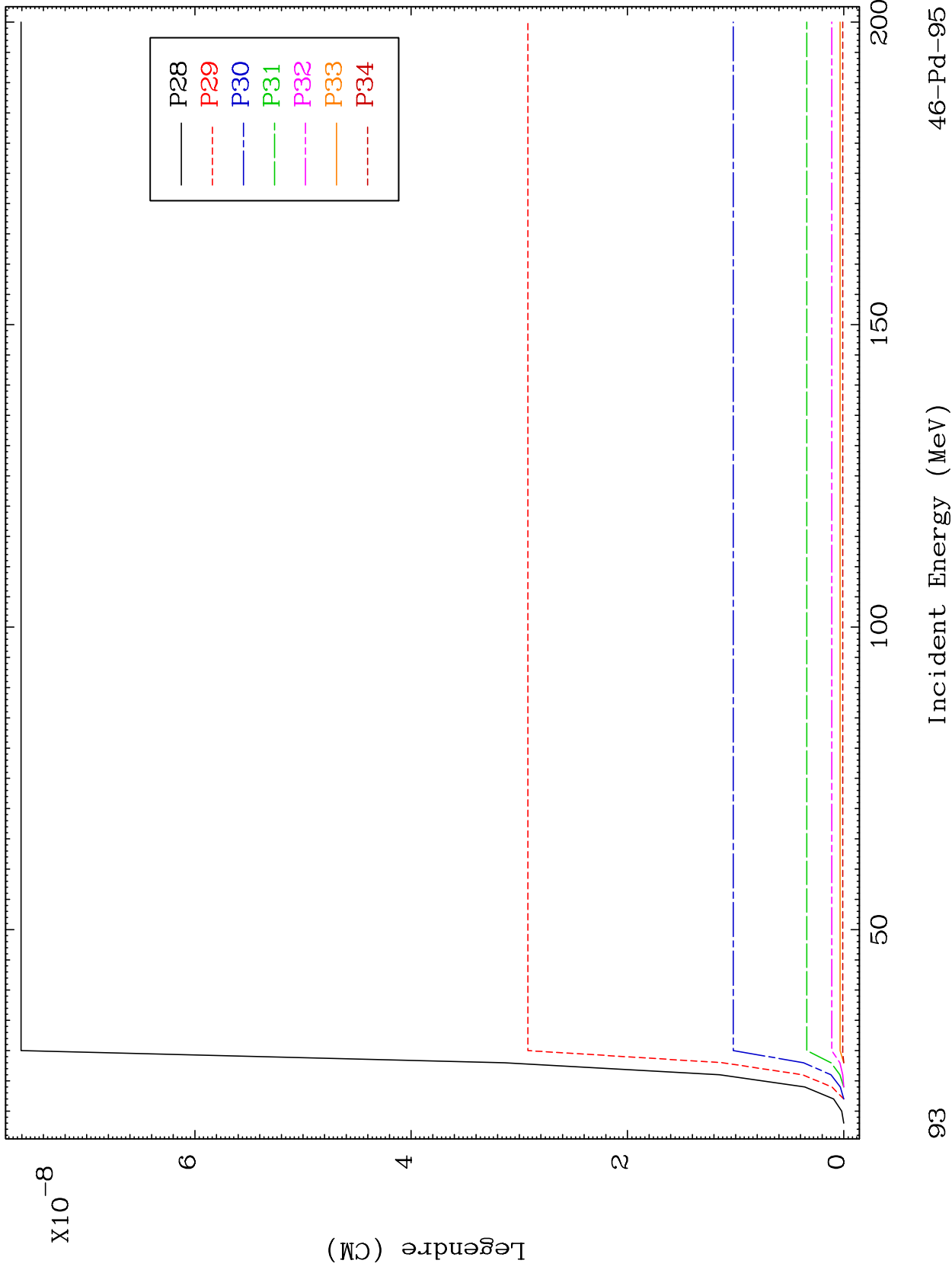
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

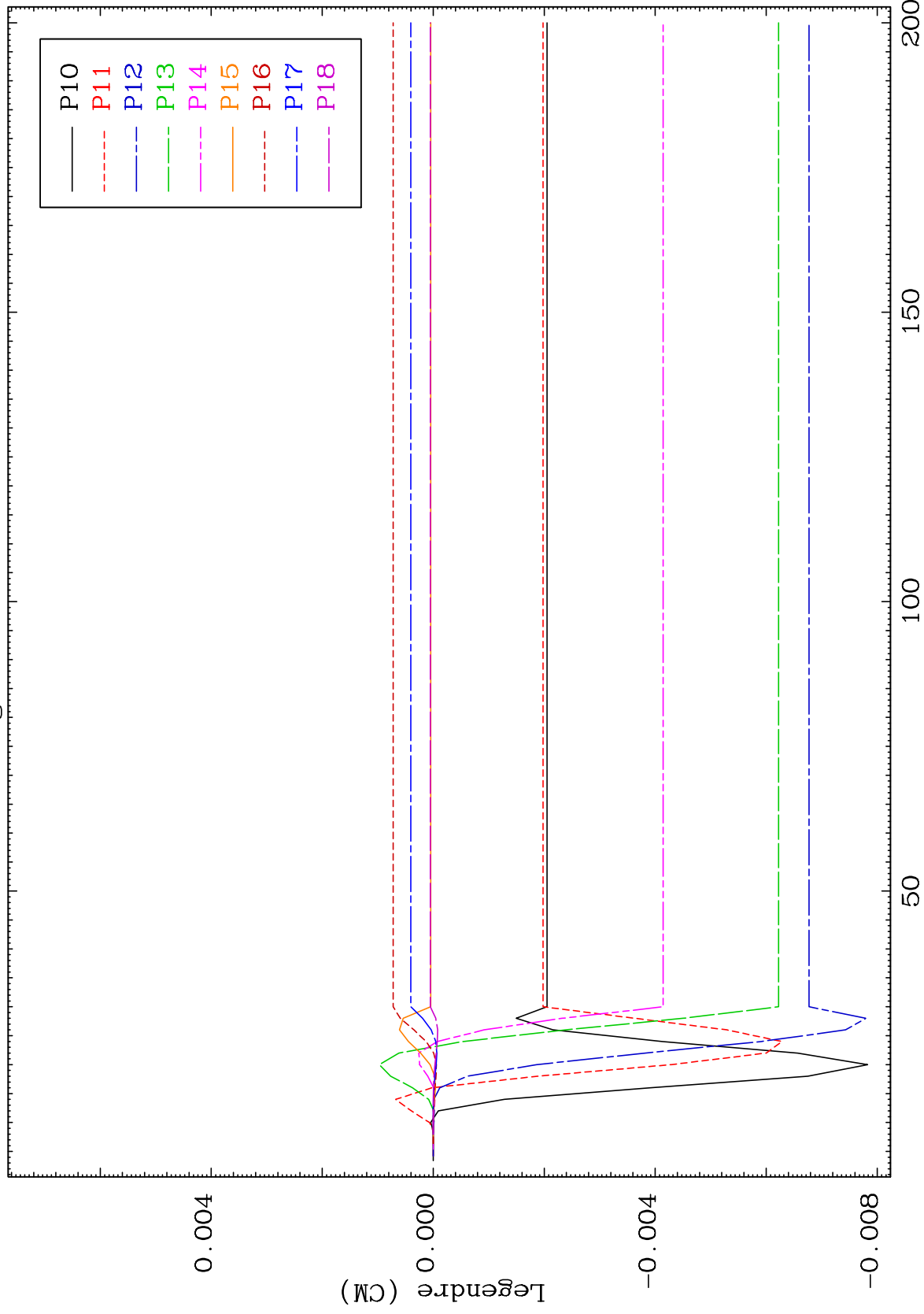




MAT 4604

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

46-Pd-95



95

Incident Energy (MeV)

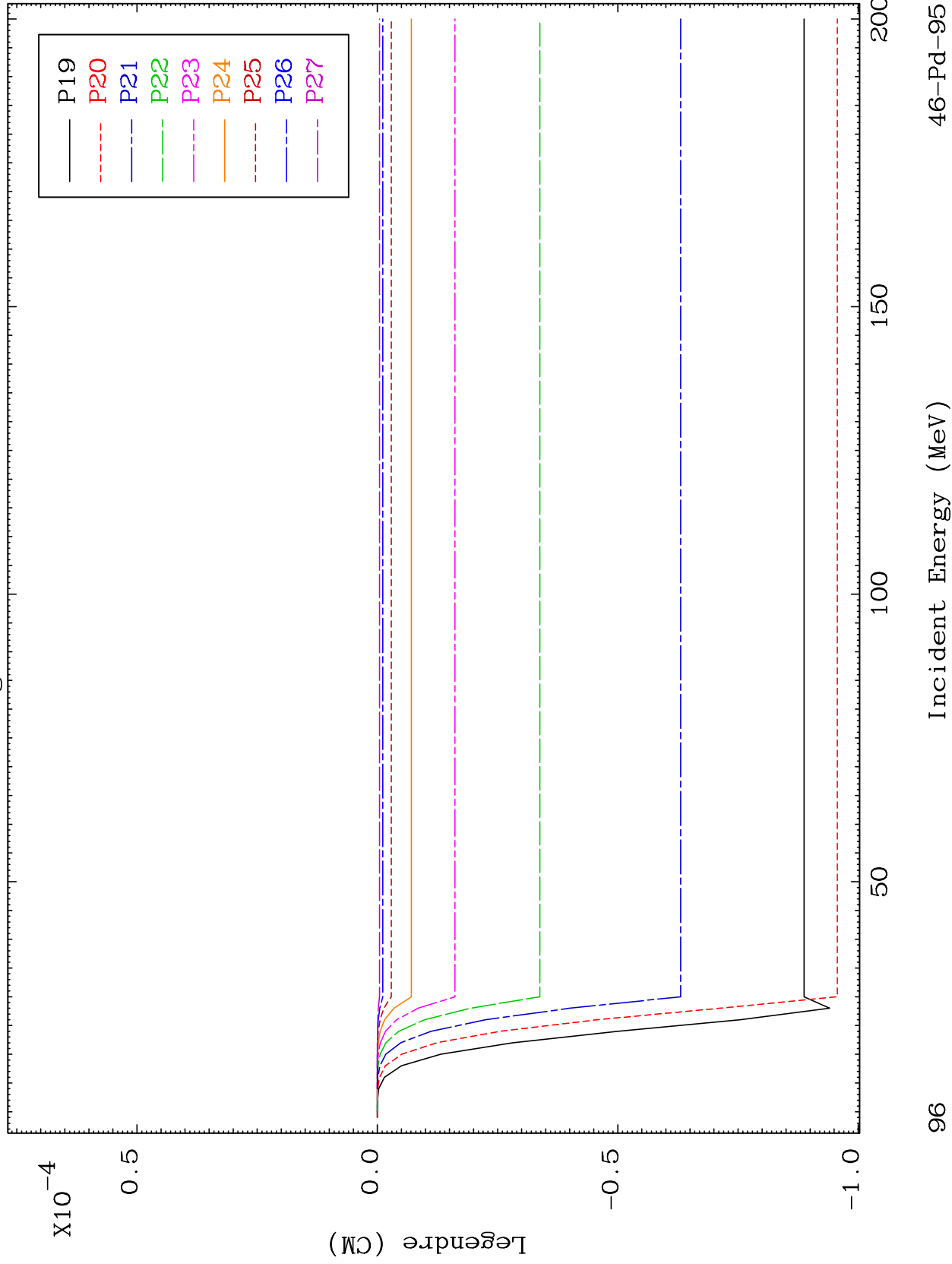
46-Pd-95

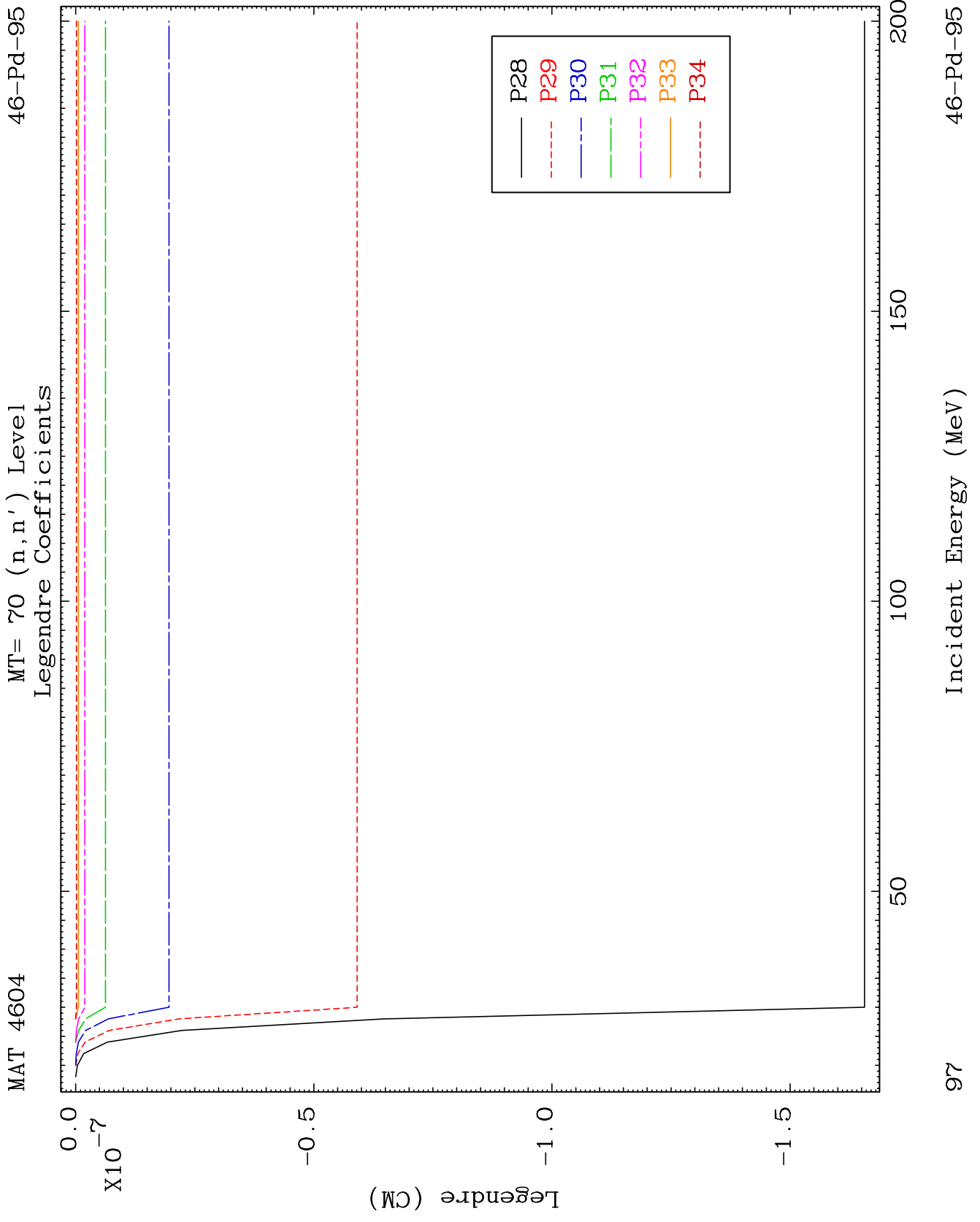


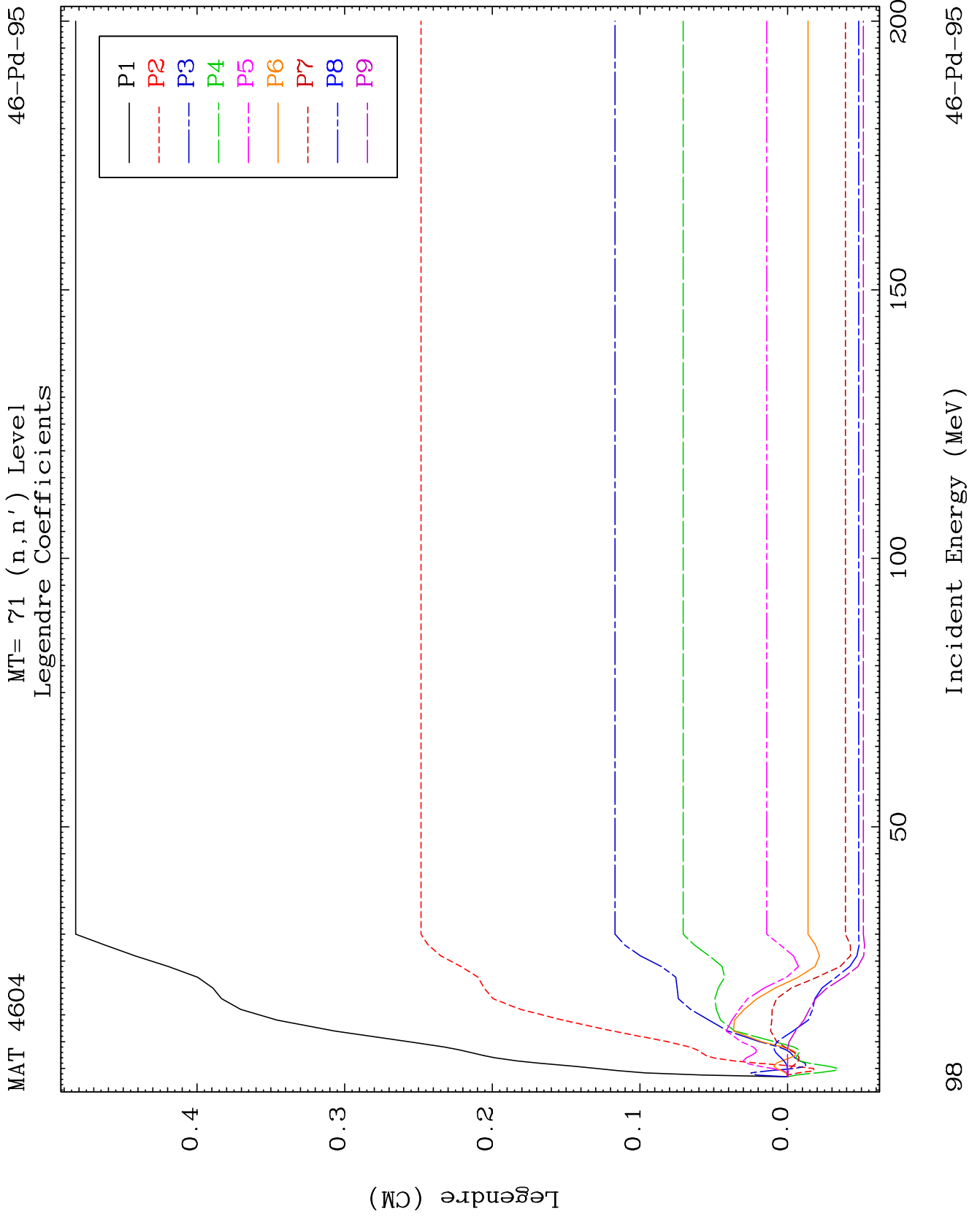
MAT 4604

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

46-Pd-95



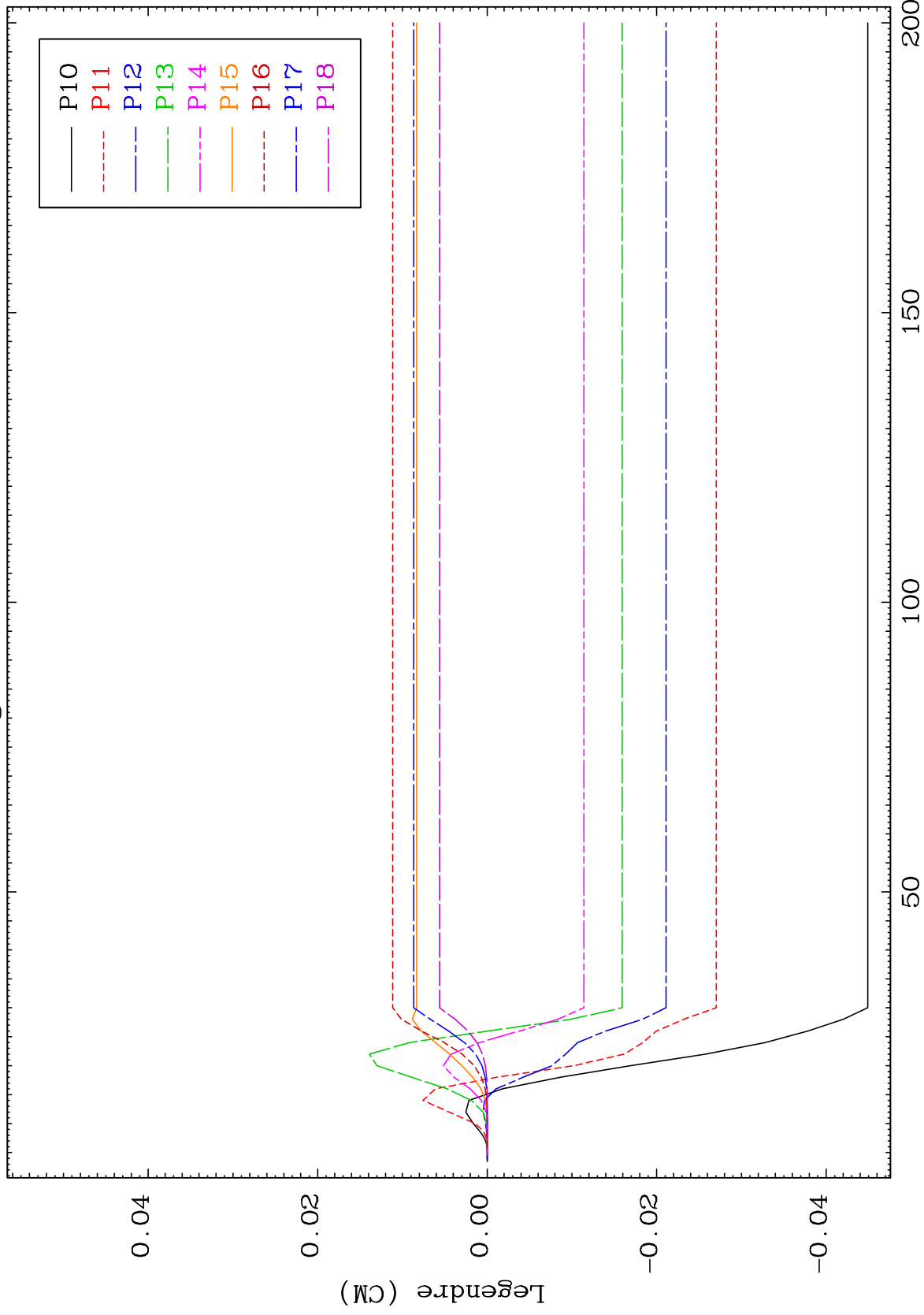




MAT 4604

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

46-Pd-95



99

Incident Energy (MeV)

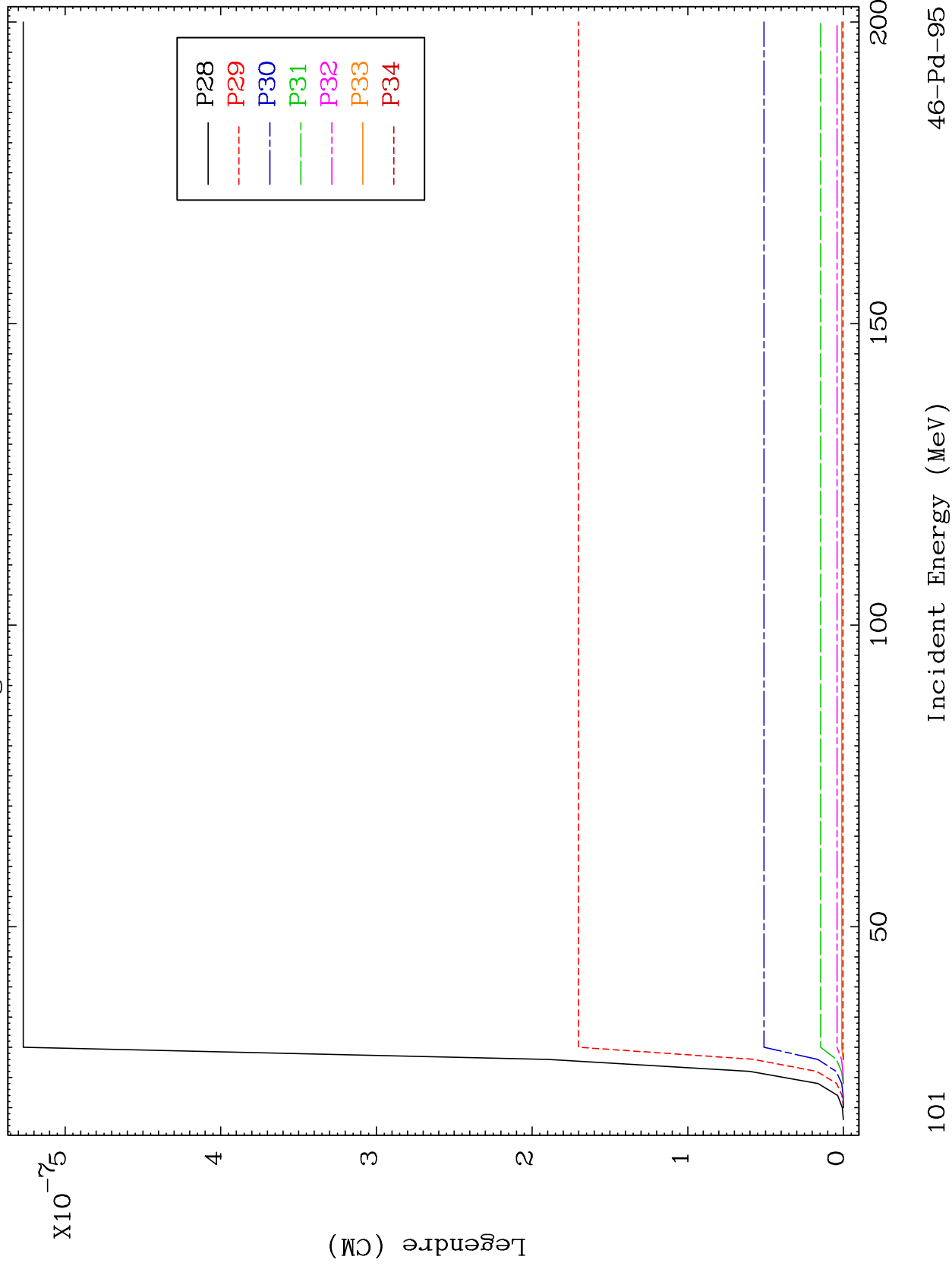
46-Pd-95



MAT 4604

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

46-Pd-95



101

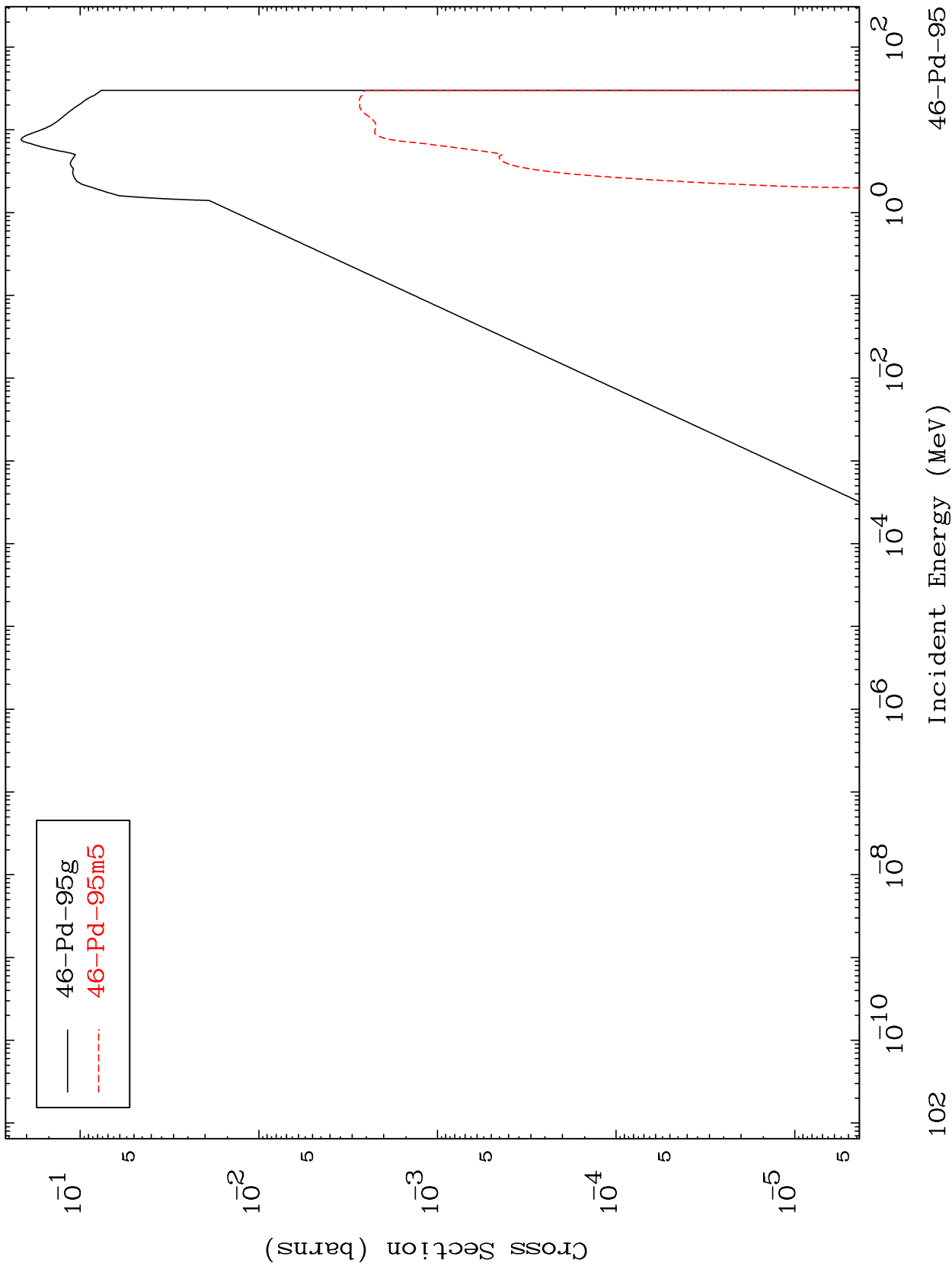
Incident Energy (MeV)

46-Pd-95

MAT 4604

Inelastic  
Radionuclide Production Cross Section

46-Pd-95

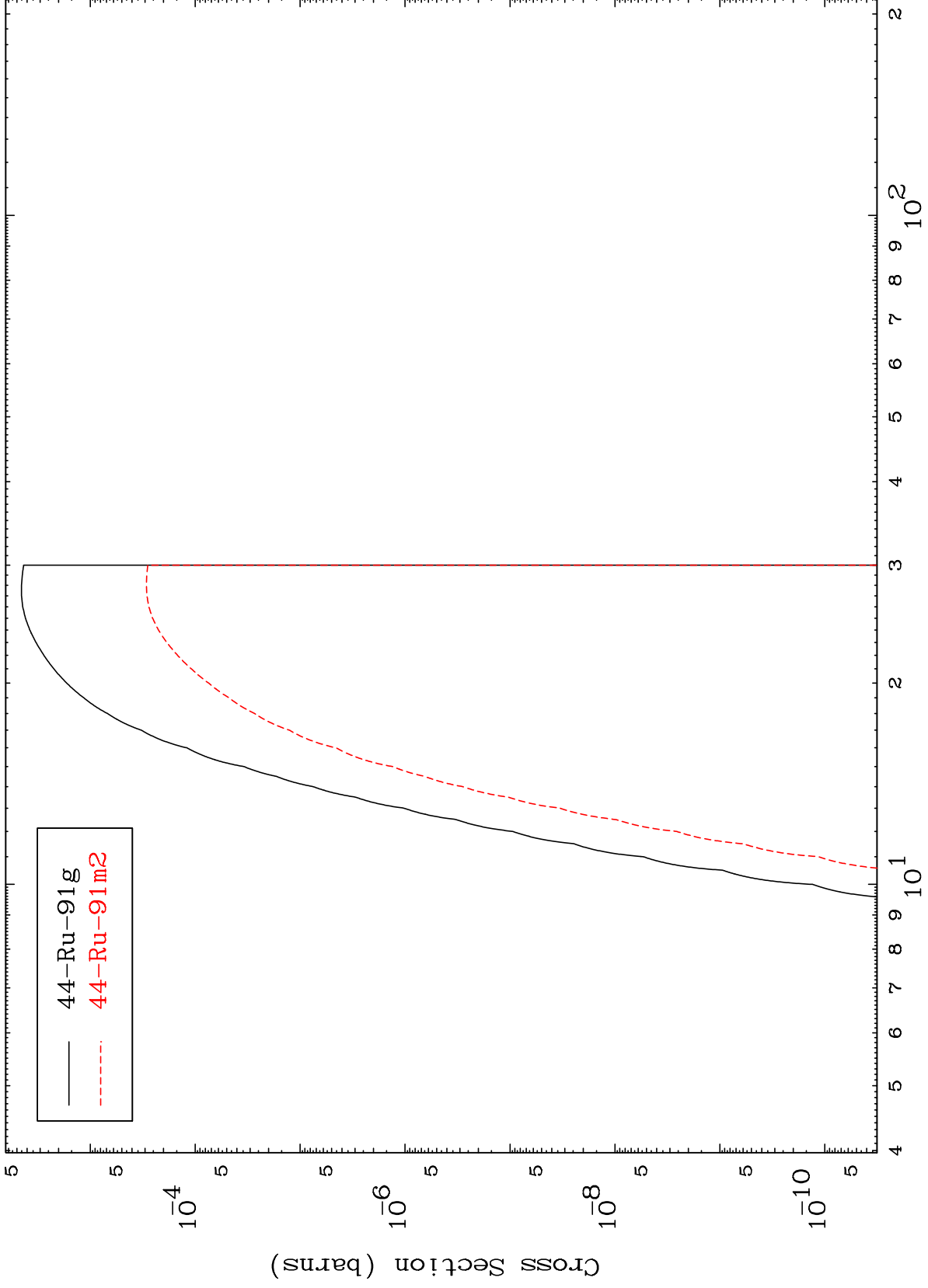


MAT 4604

(n,n')  $\alpha$

46-Pd-95

Radionuclide Production Cross Section



— 44-Ru-91g  
- - - 44-Ru-91m2

103

Incident Energy (MeV)

46-Pd-95

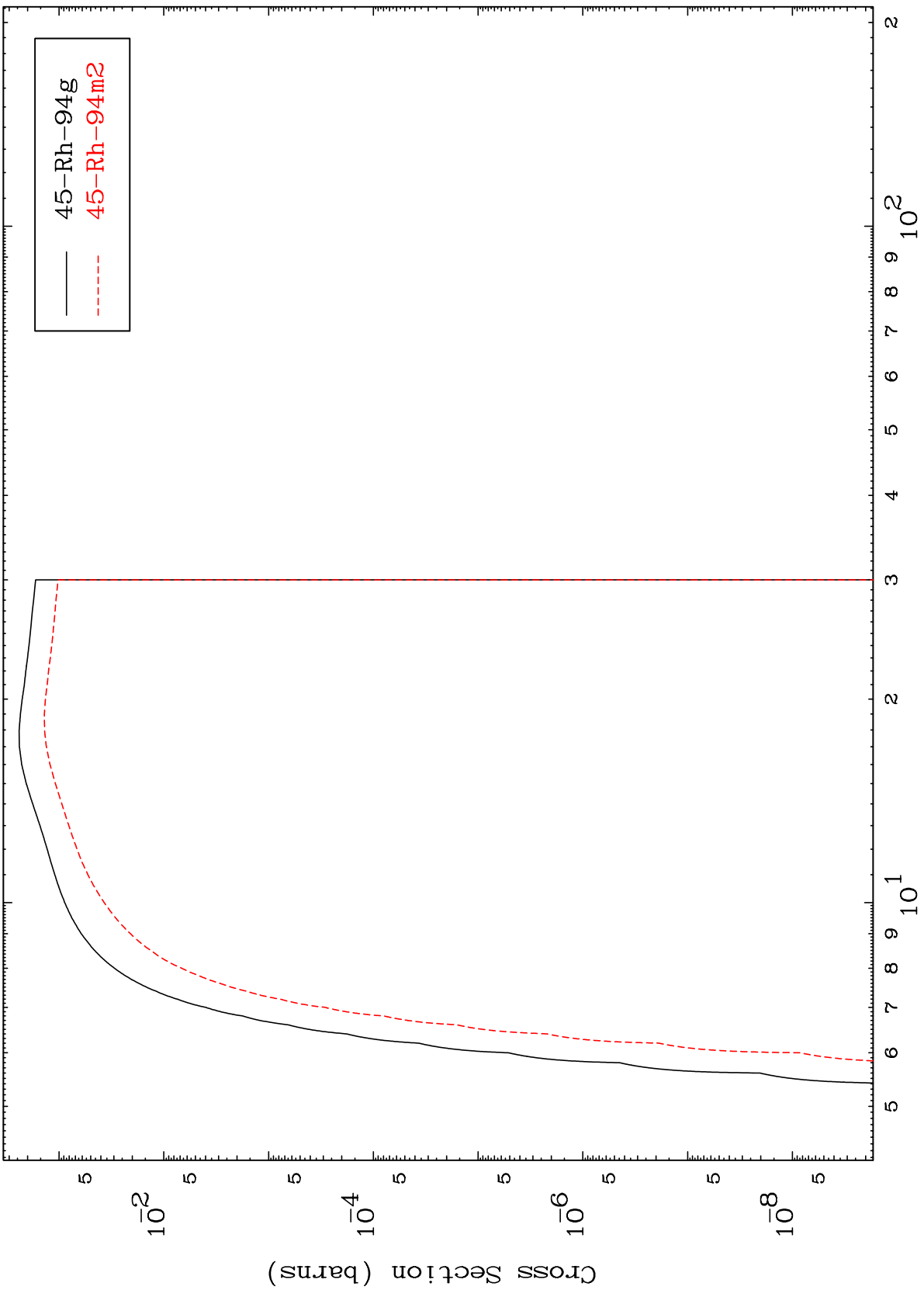


MAT 4604

(n,n') p

46-Pd-95

Radionuclide Production Cross Section



104

Incident Energy (MeV)

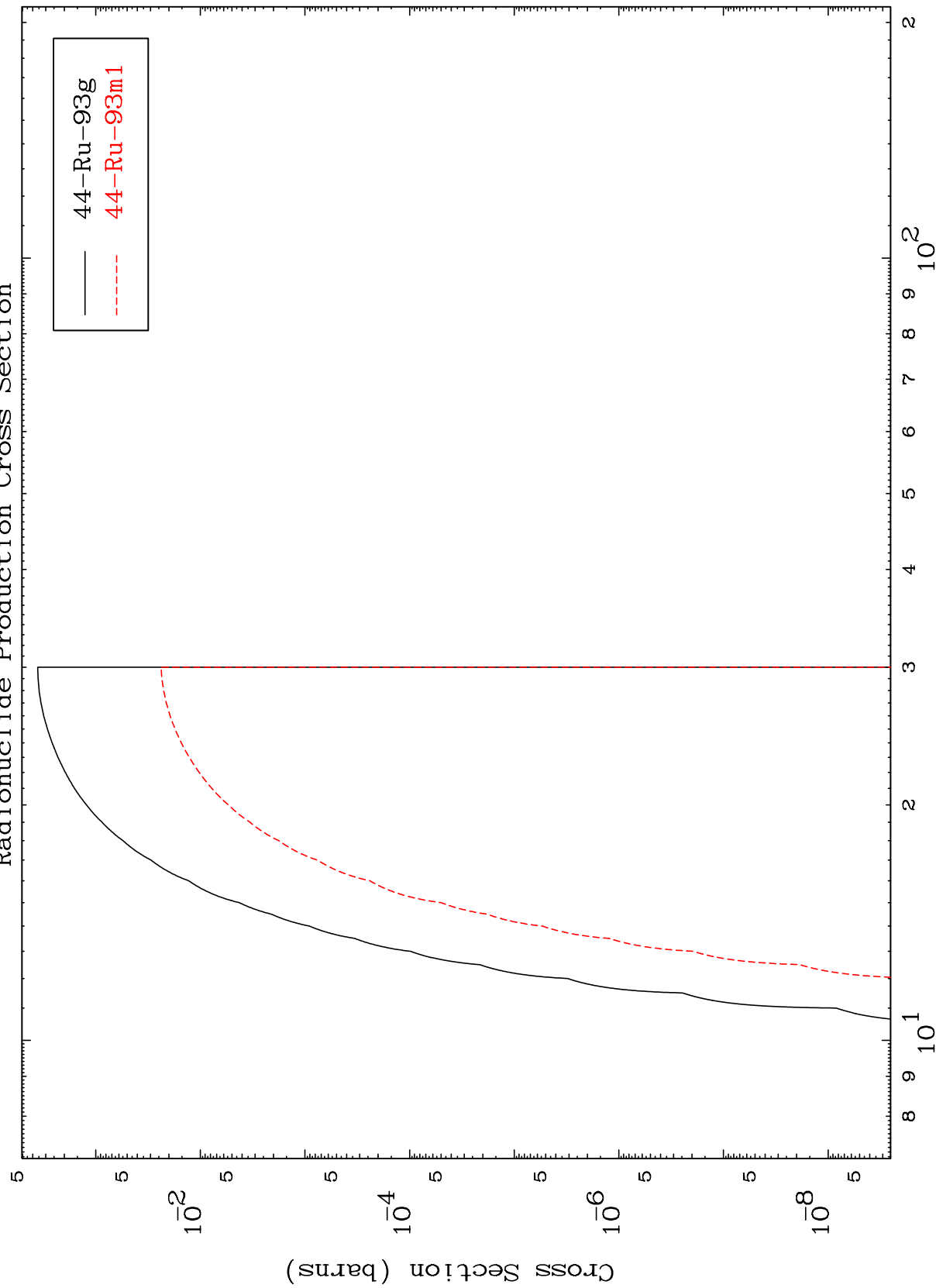
46-Pd-95

MAT 4604

(n,2n) p

46-Pd-95

Radionuclide Production Cross Section



44-Ru-93g  
44-Ru-93m1

105

Incident Energy (MeV)

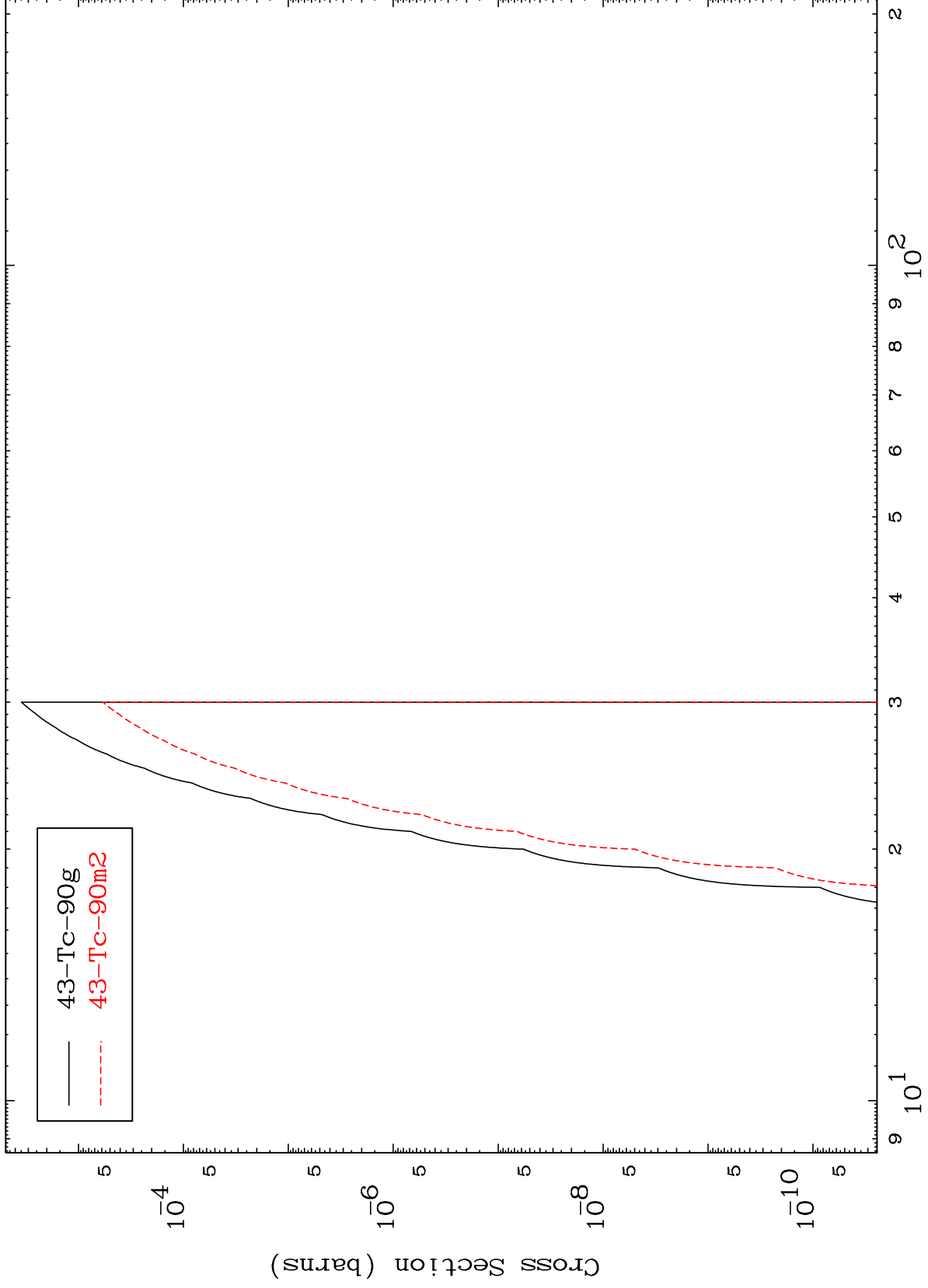
46-Pd-95

MAT 4604

(n,n') p  $\alpha$

46-Pd-95

Radionuclide Production Cross Section



106

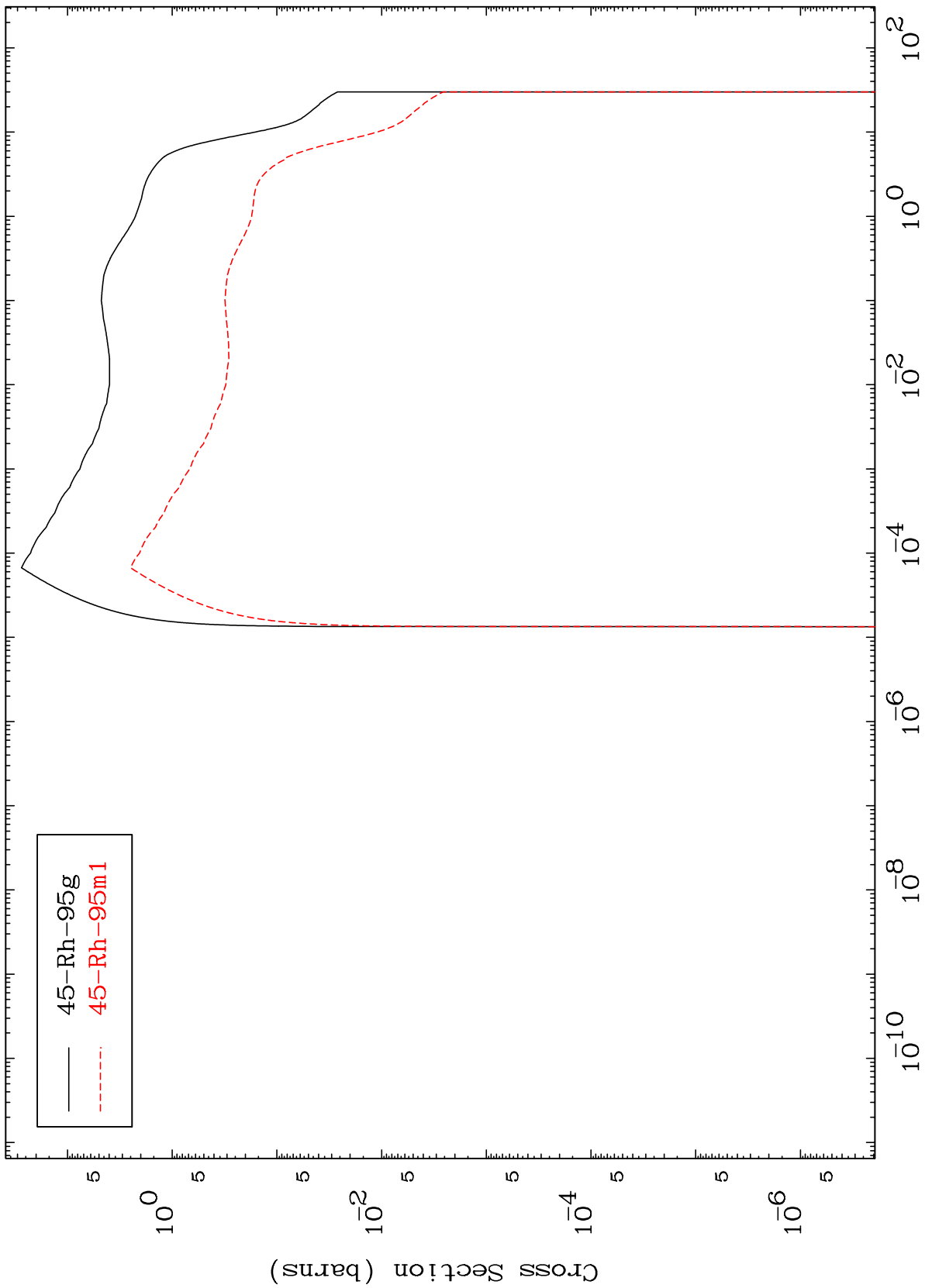
Incident Energy (MeV)

46-Pd-95

MAT 4604

46-Pd-95

(n,p)  
Radionuclide Production Cross Section



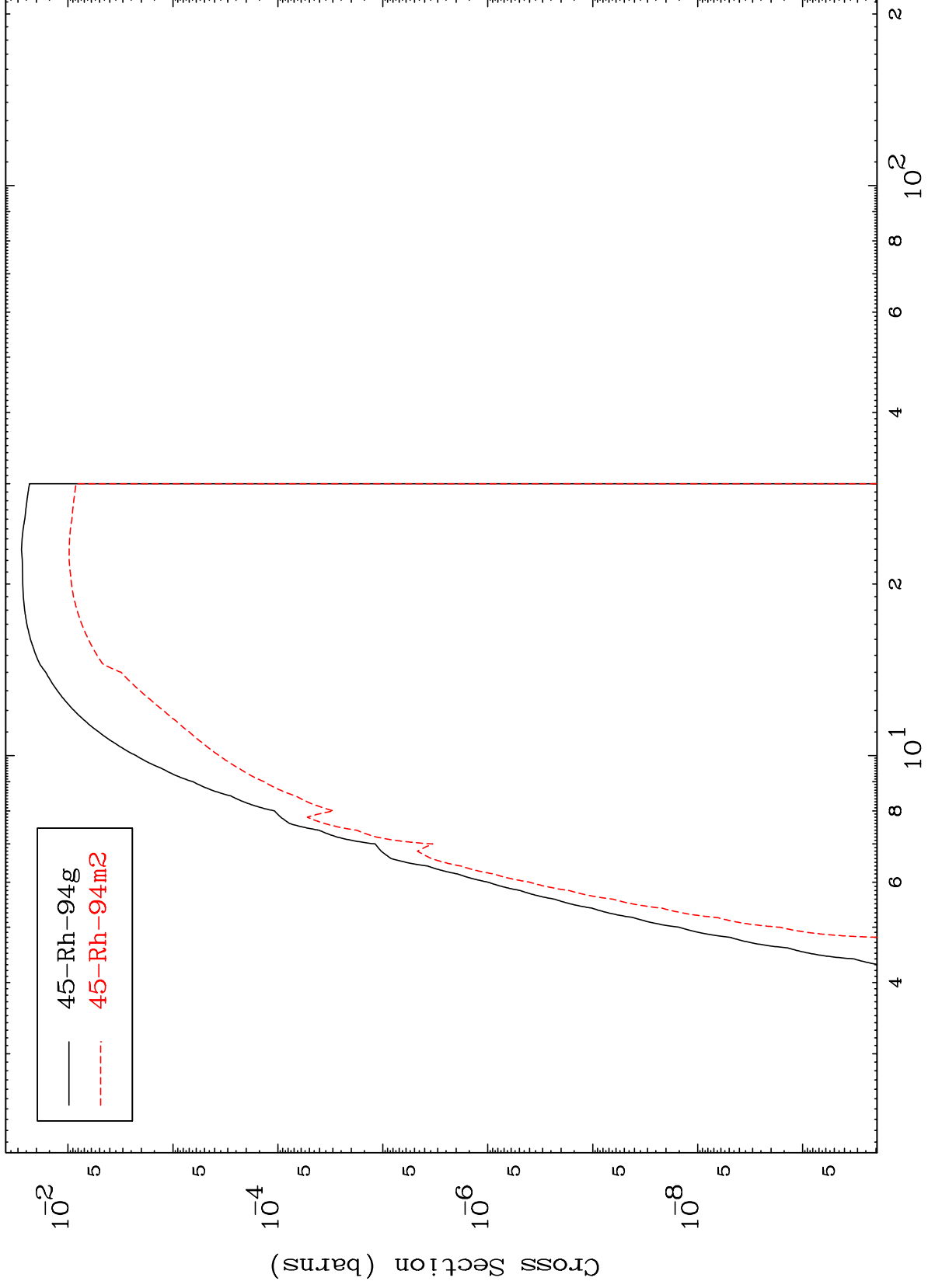
107

46-Pd-95

MAT 4604

46-Pd-95

(n,d)  
Radionuclide Production Cross Section



108

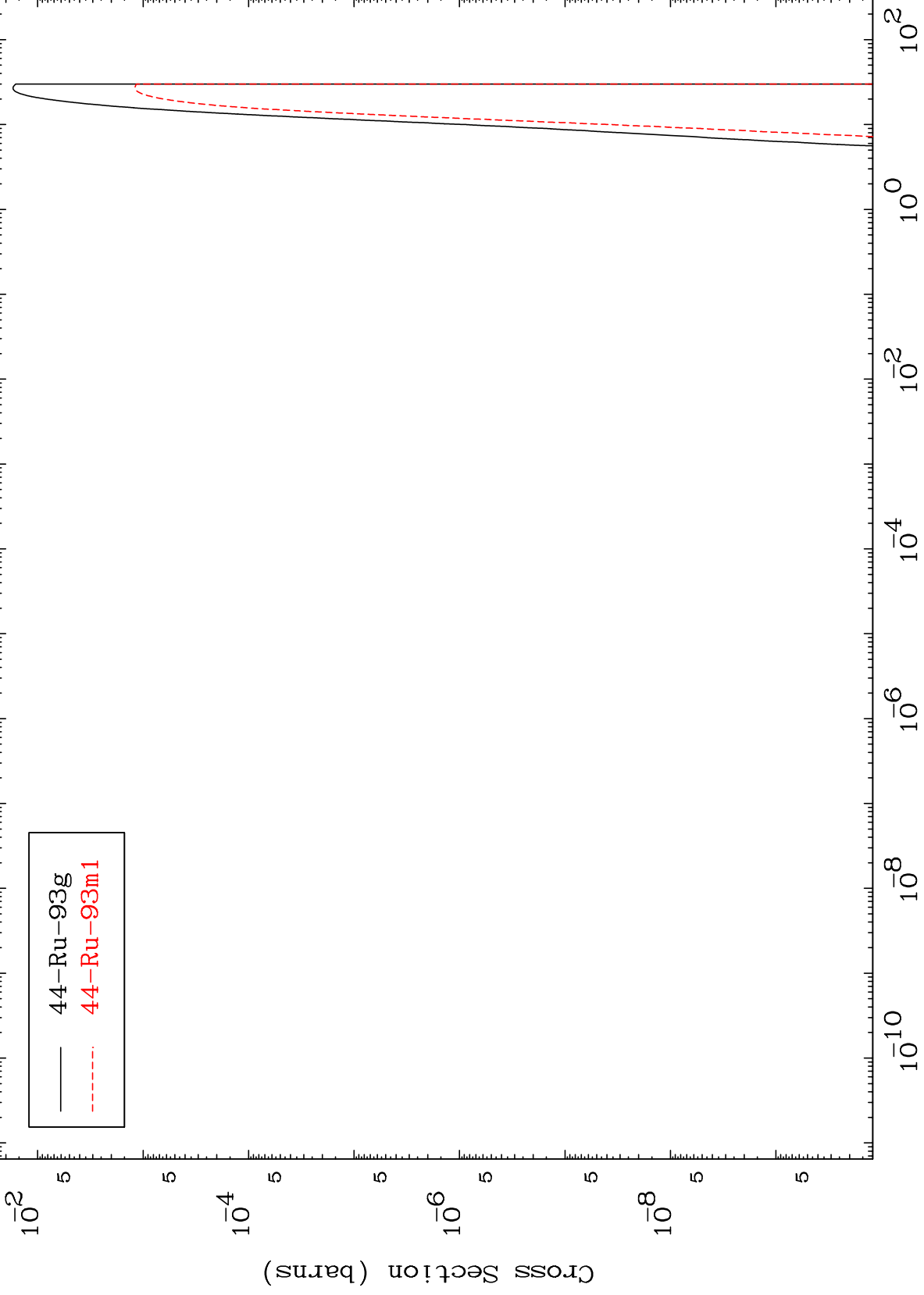
46-Pd-95

MAT 4604

(n,He-3)

46-Pd-95

Radionuclide Production Cross Section

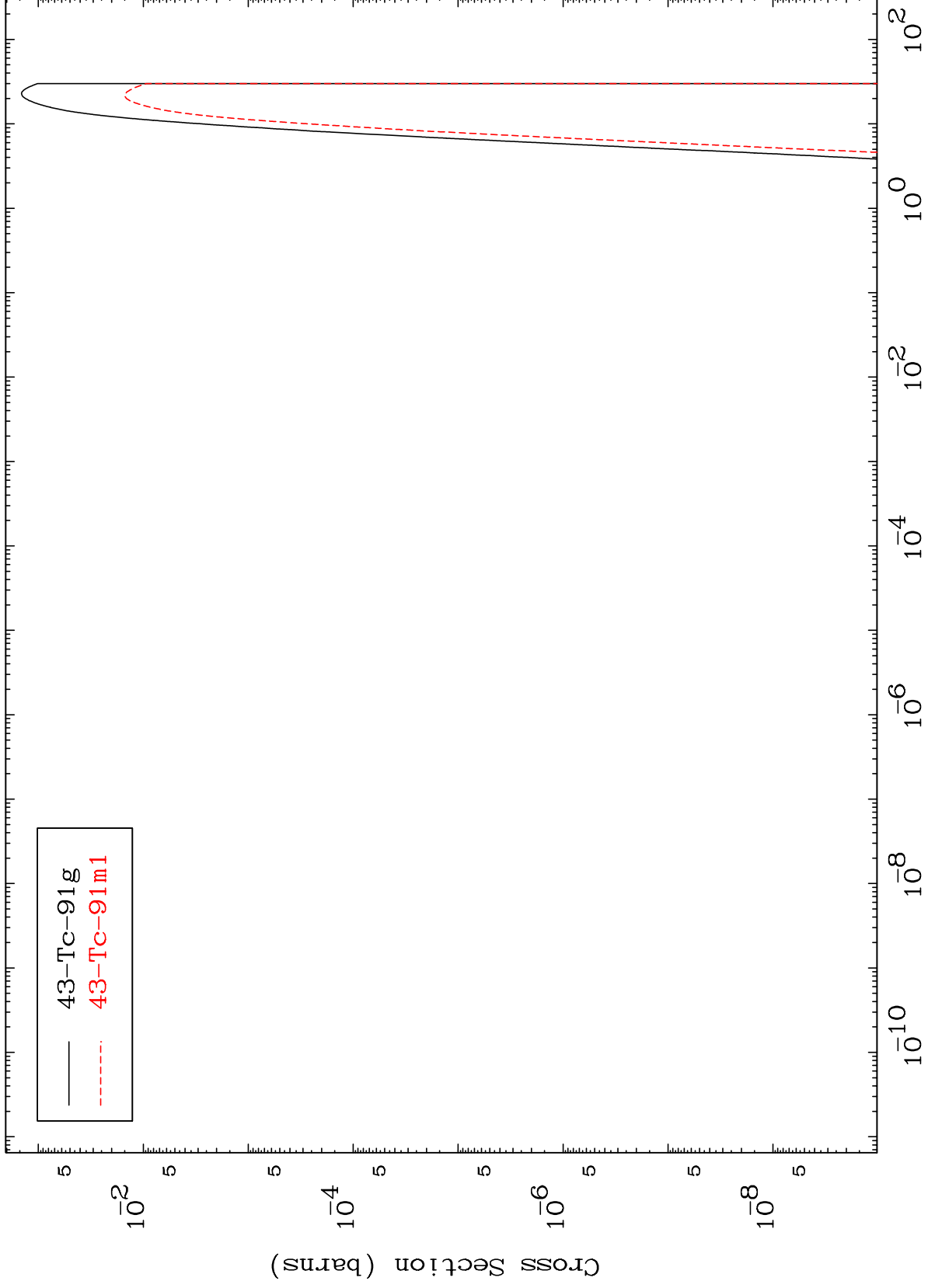


MAT 4604

(n,p)  $\alpha$

46-Pd-95

Radionuclide Production Cross Section



110

Incident Energy (MeV)

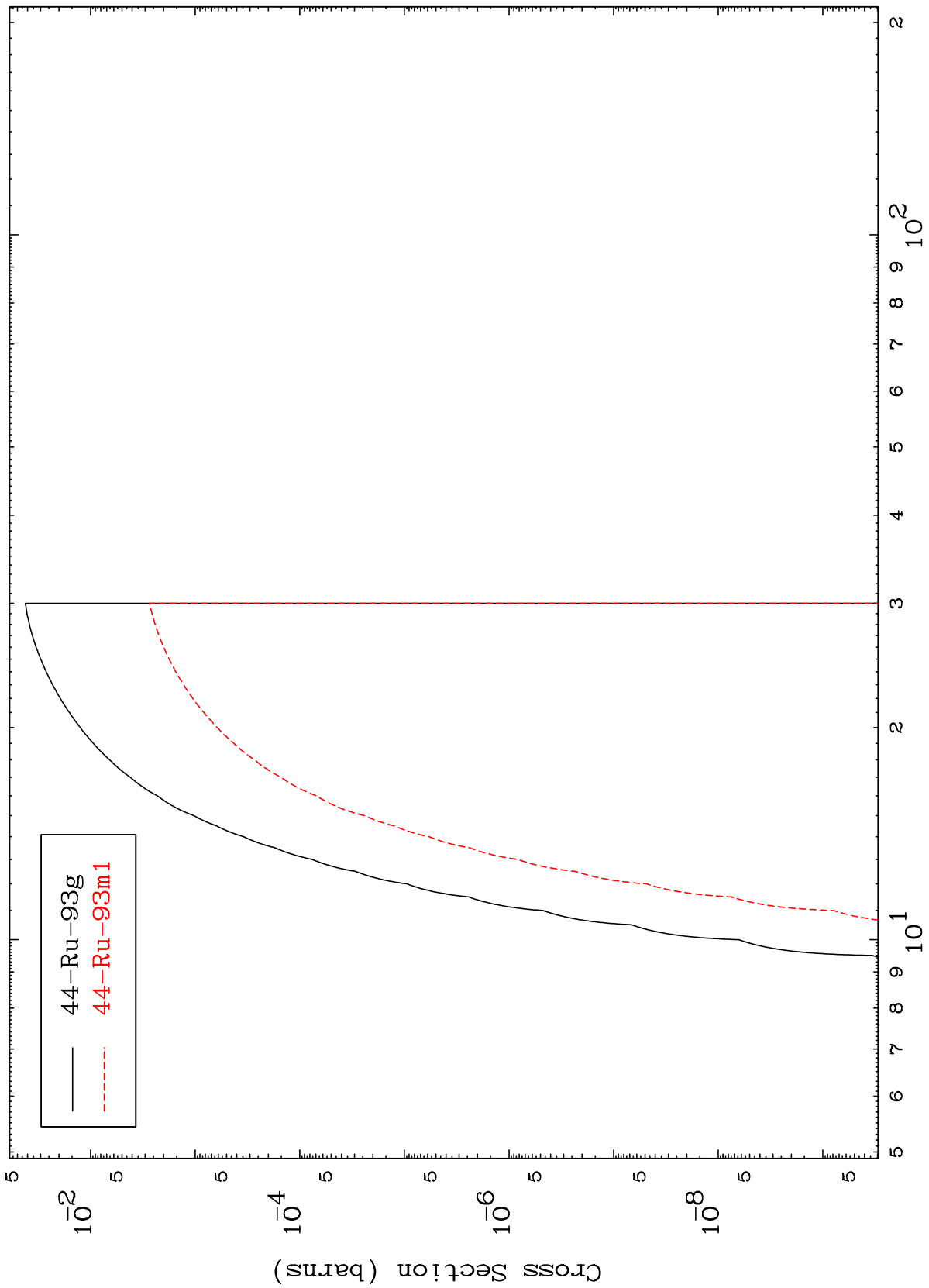
46-Pd-95

MAT 4604

(n,p) d

46-Pd-95

Radionuclide Production Cross Section



Legend:  
— 44-Ru-93g  
- - - 44-Ru-93m1

111

Incident Energy (MeV)

46-Pd-95

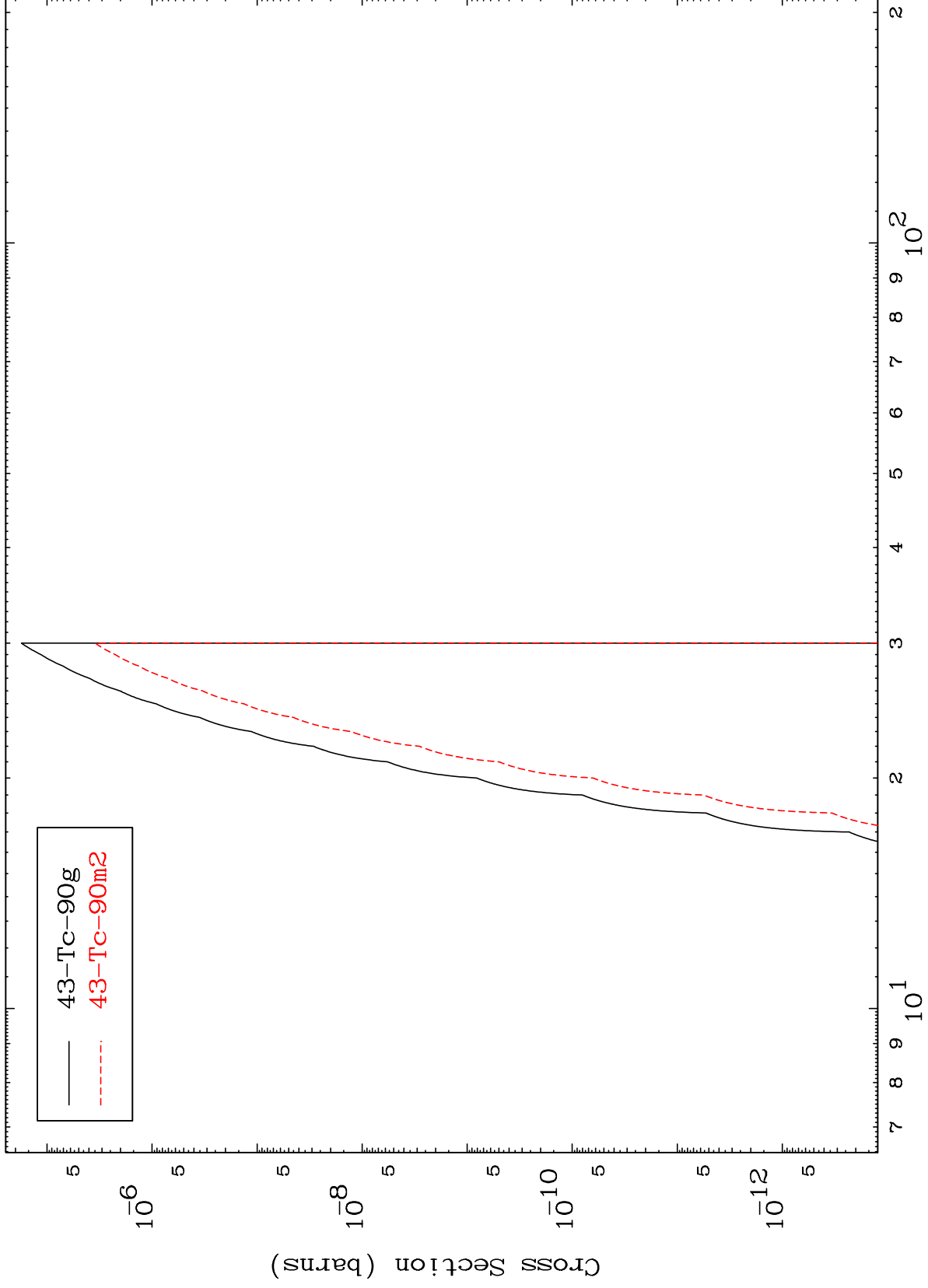


MAT 4604

(n,d)  $\alpha$

46-Pd-95

Radionuclide Production Cross Section



112

Incident Energy (MeV)

46-Pd-95