

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

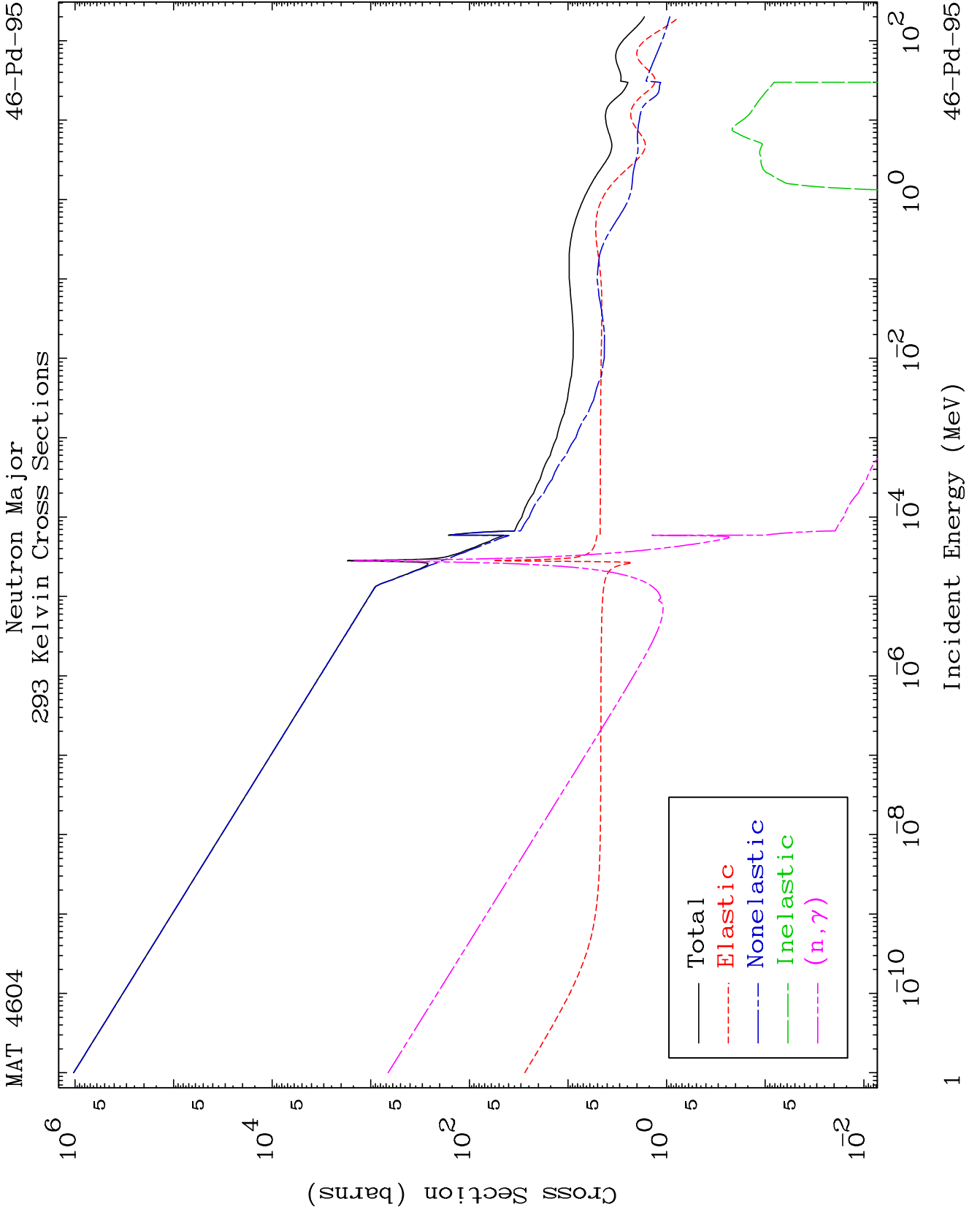
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

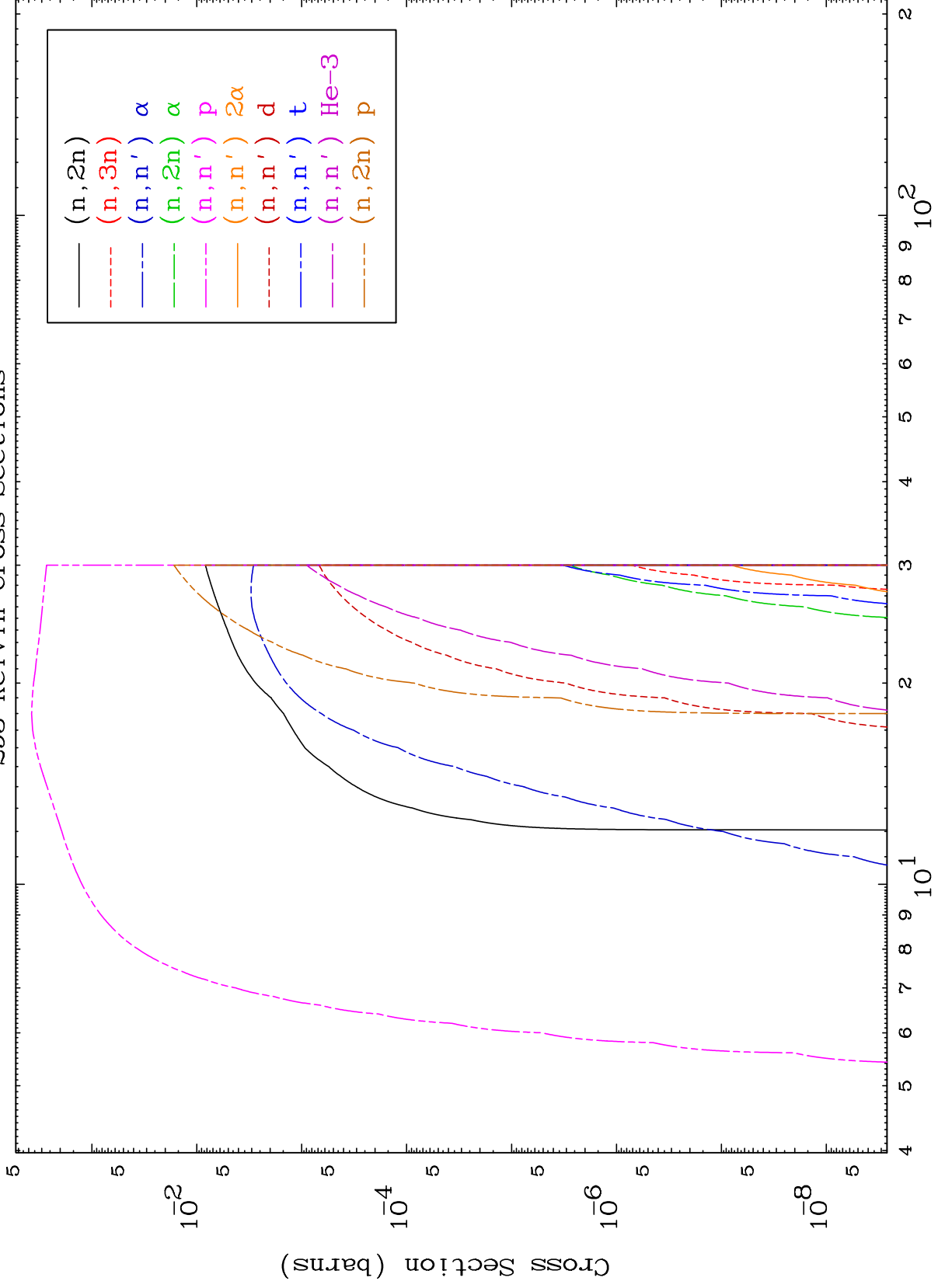
Press Mouse Button to Start



MAT 4604

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-95



2

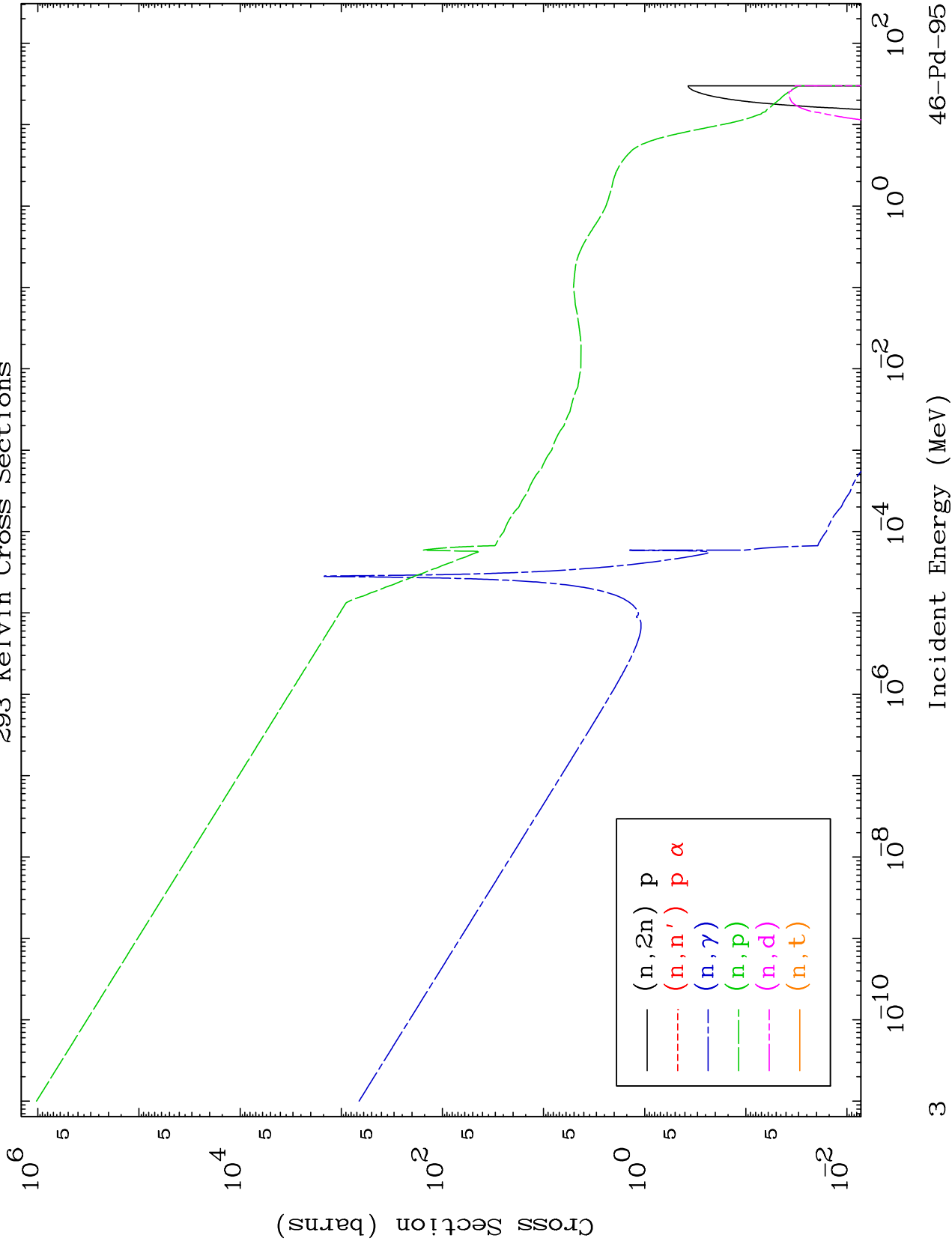
Incident Energy (MeV)

46-Pd-95

MAT 4604

Neutron Absorption
293 Kelvin Cross Sections

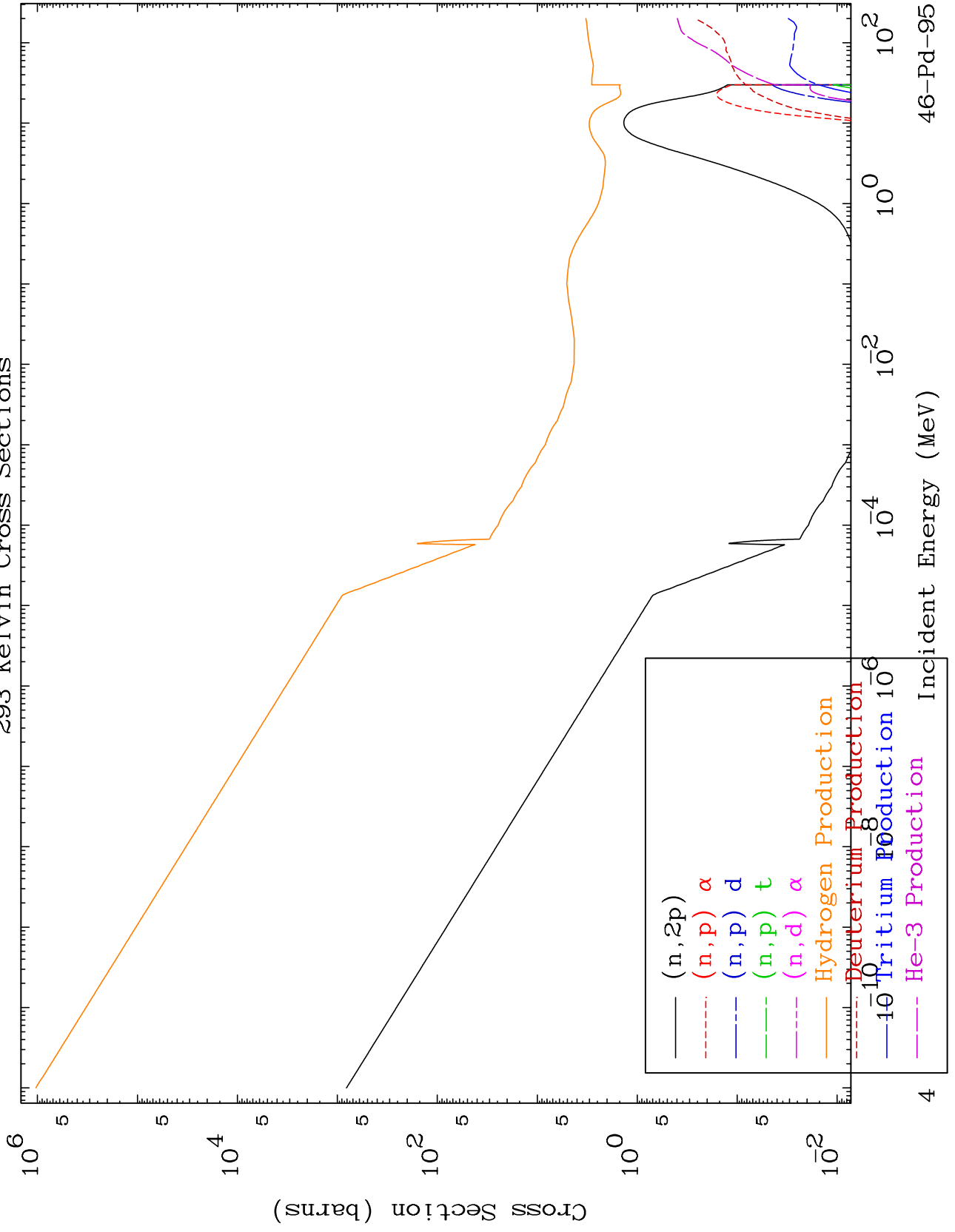
46-Pd-95



MAT 4604

Neutron Absorption
293 Kelvin Cross Sections

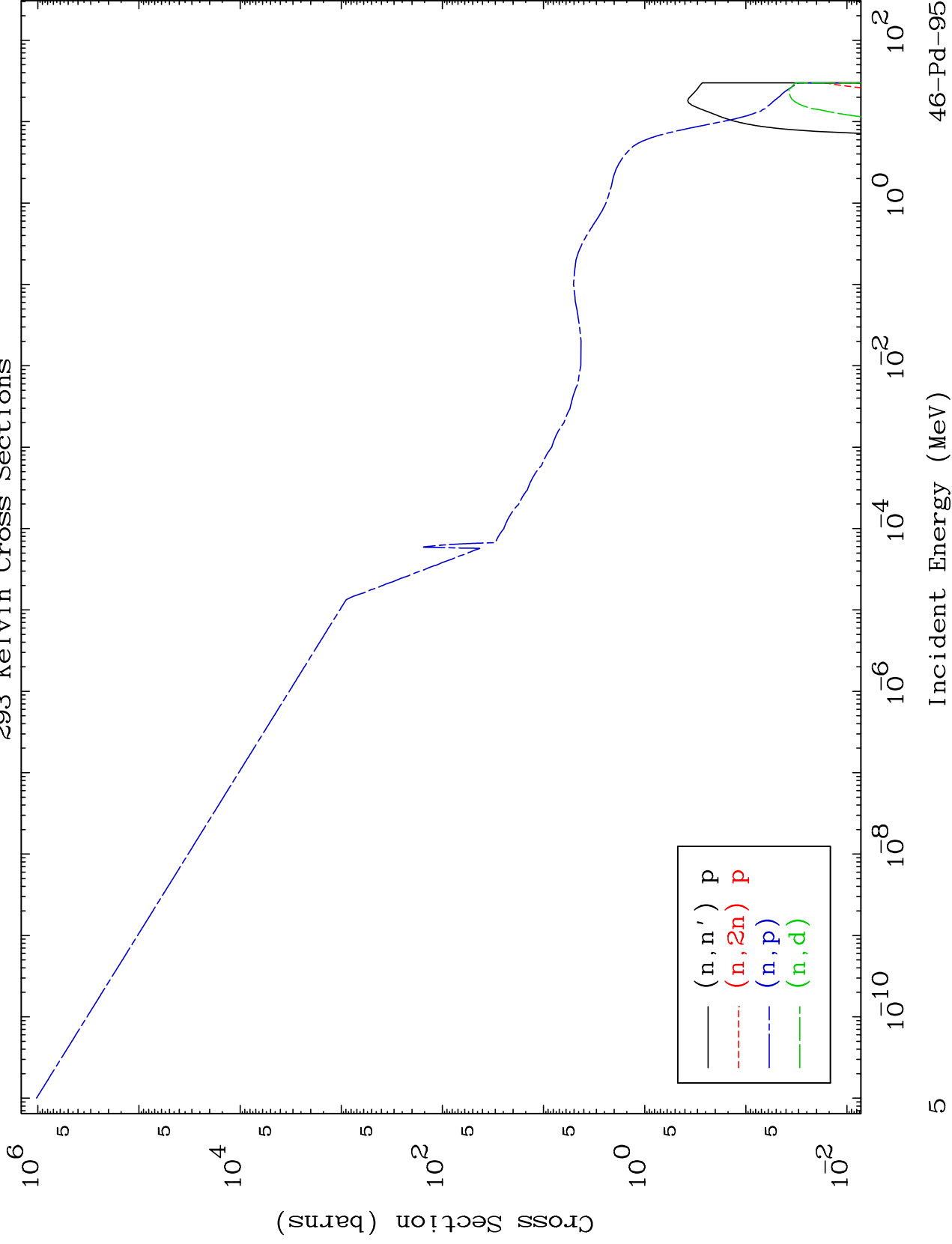
46-Pd-95



MAT 4604

Charged Particle
293 Kelvin Cross Sections

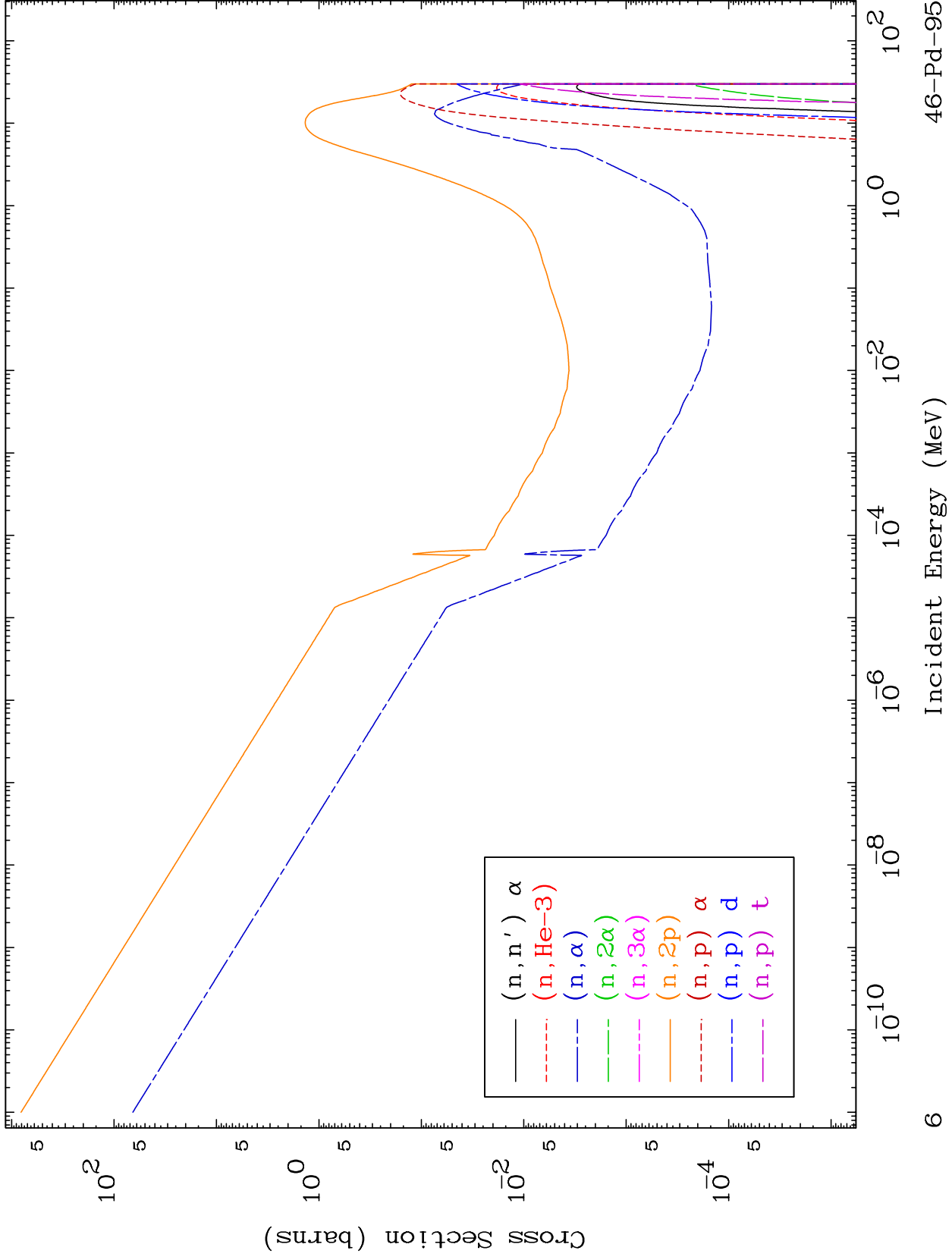
46-Pd-95



MAT 4604

Charged Particle
293 Kelvin Cross Sections

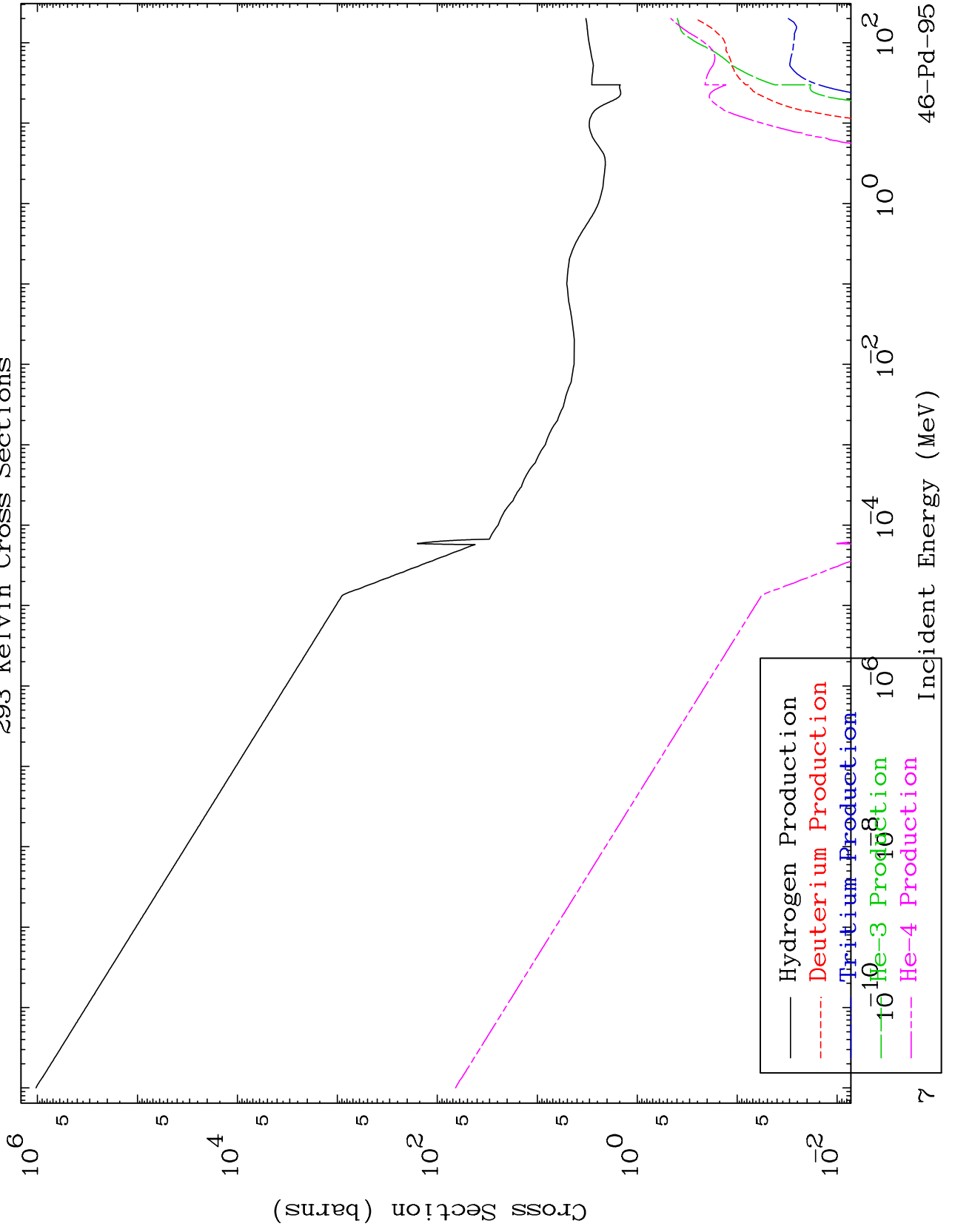
46-Pd-95



MAT 4604

Particle Production
293 Kelvin Cross Sections

46-Pd-95

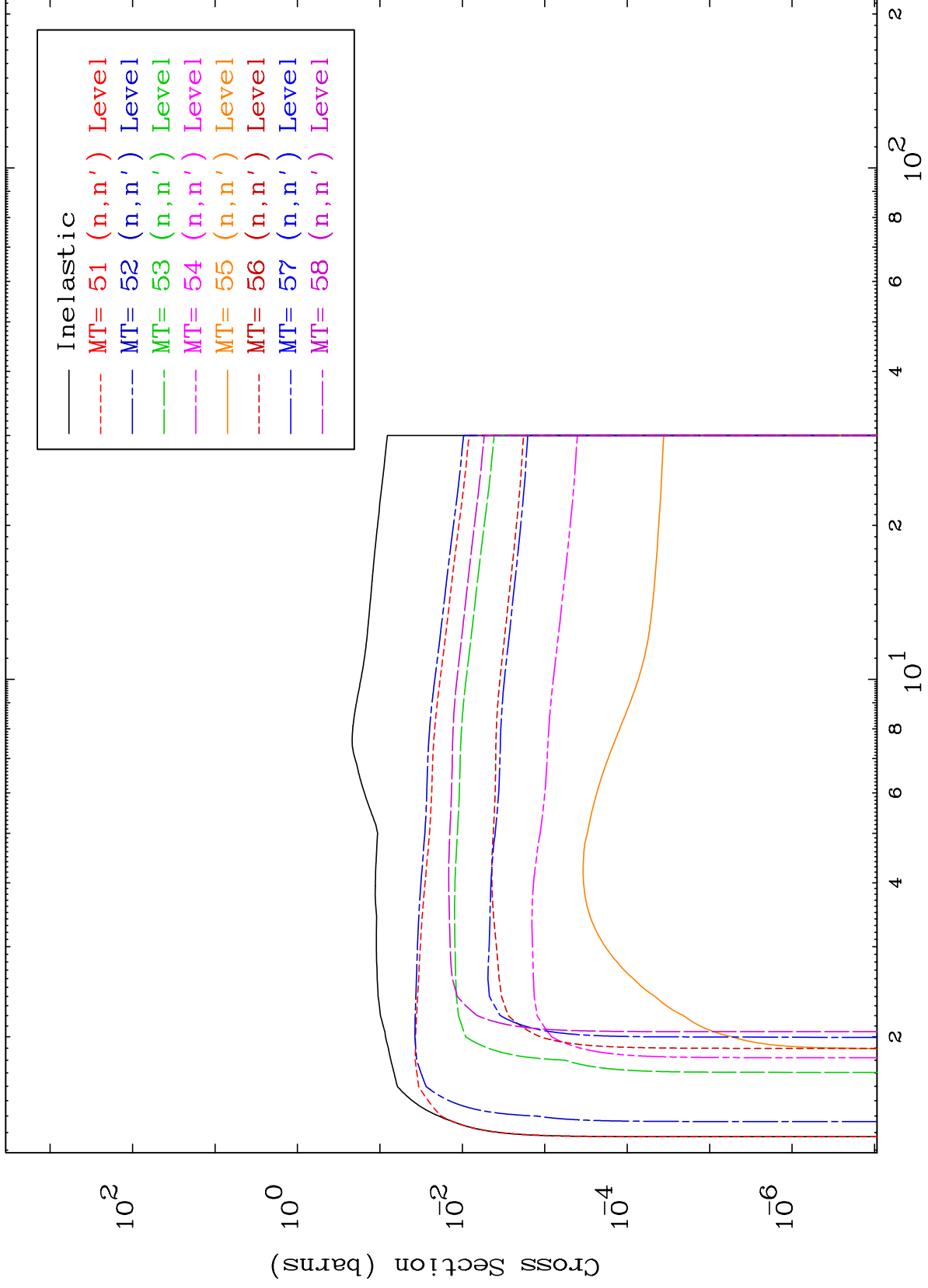


MAT 4604

(n,n') Levels

46-Pd-95

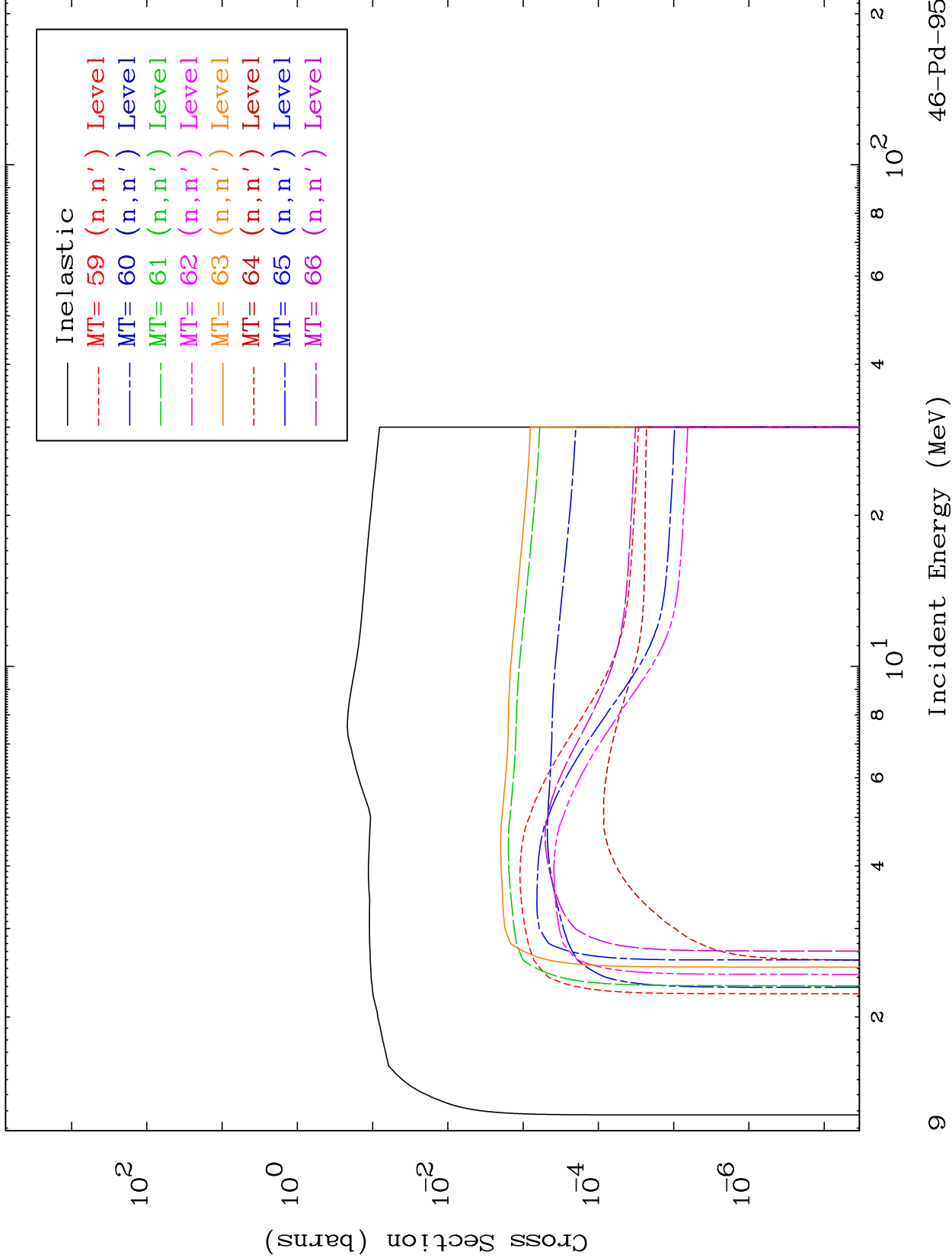
293 Kelvin Cross Sections



8

Incident Energy (MeV)

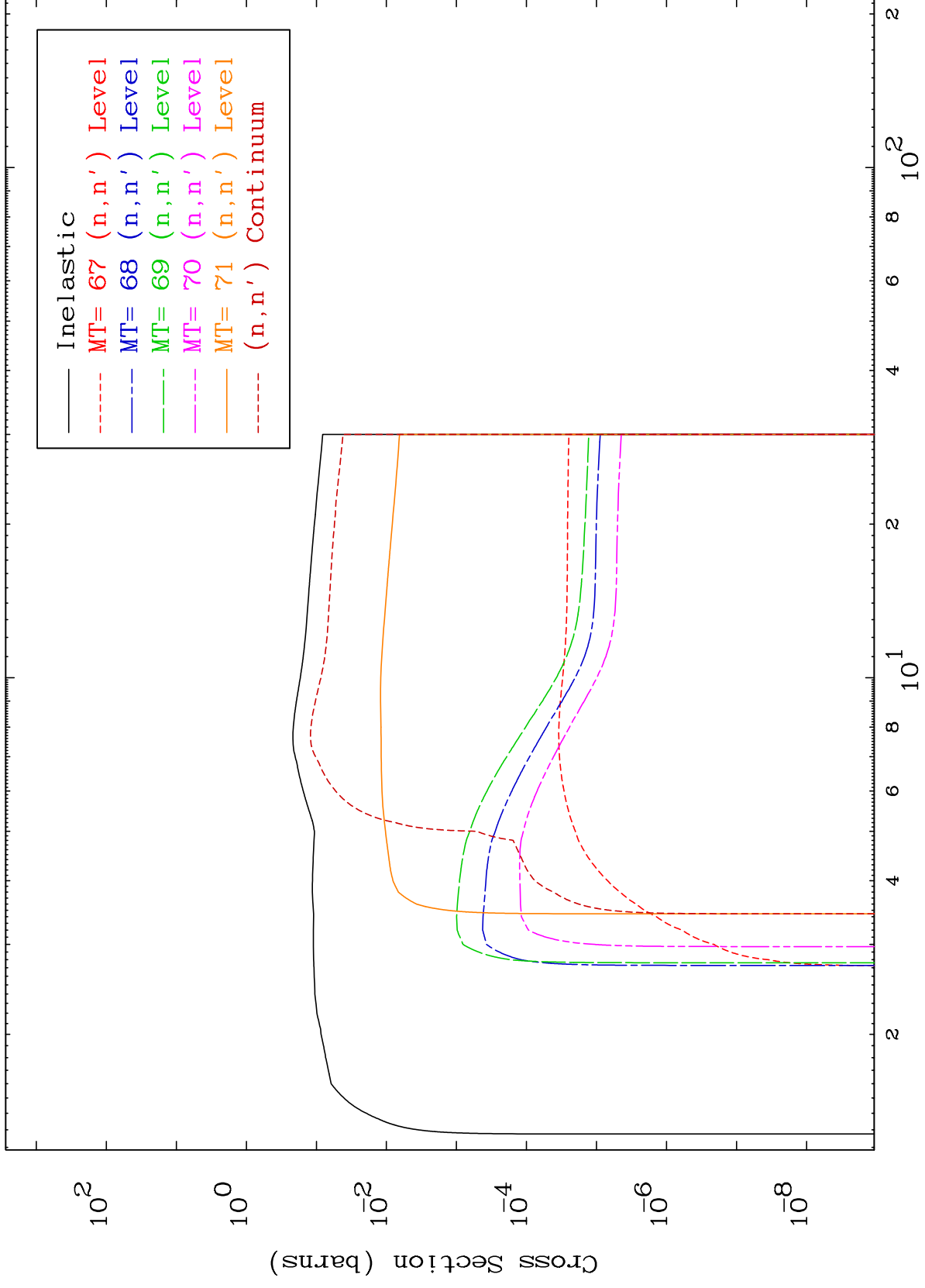
46-Pd-95



MAT 4604

(n,n') Levels
293 Kelvin Cross Sections

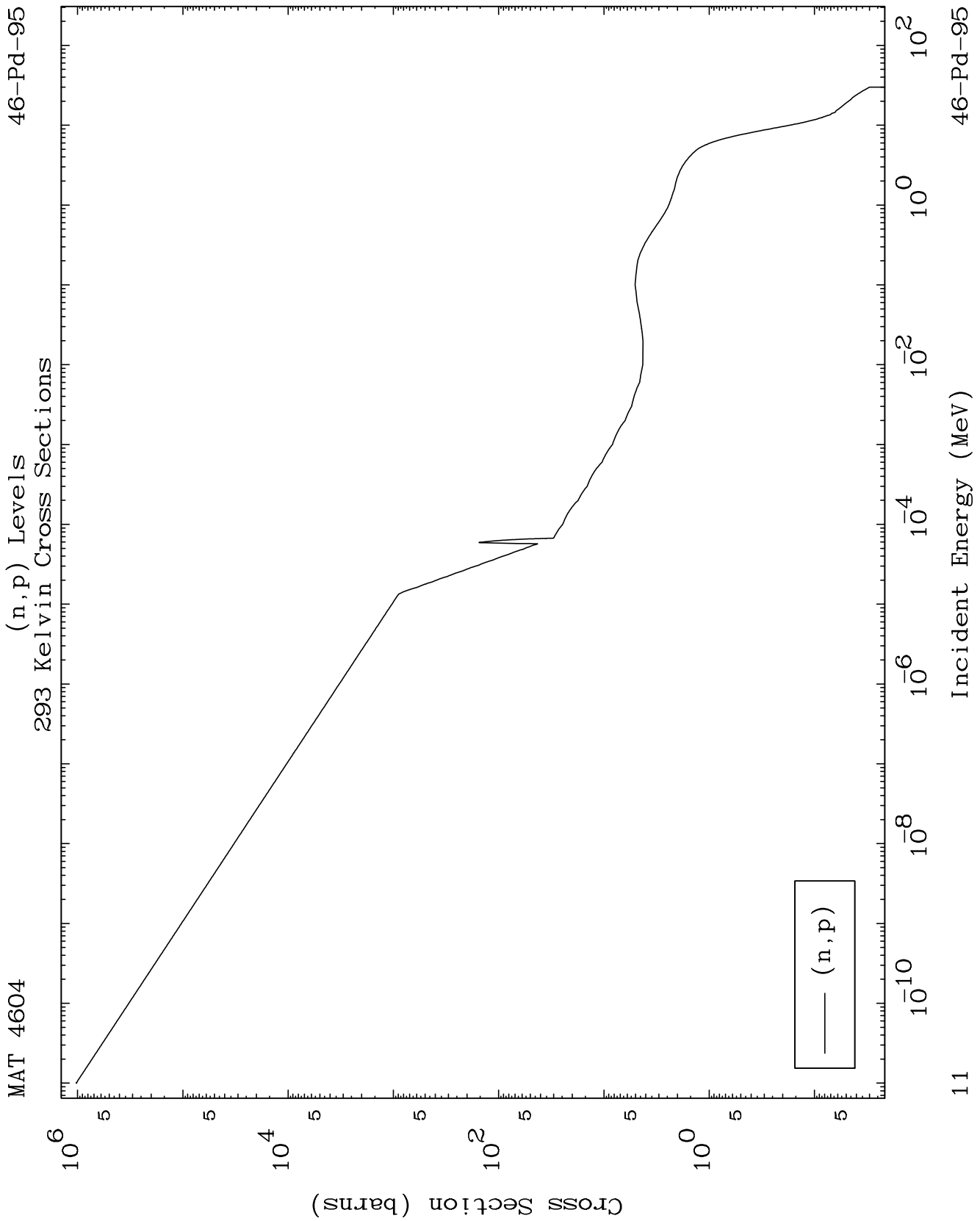
46-Pd-95



10

Incident Energy (MeV)

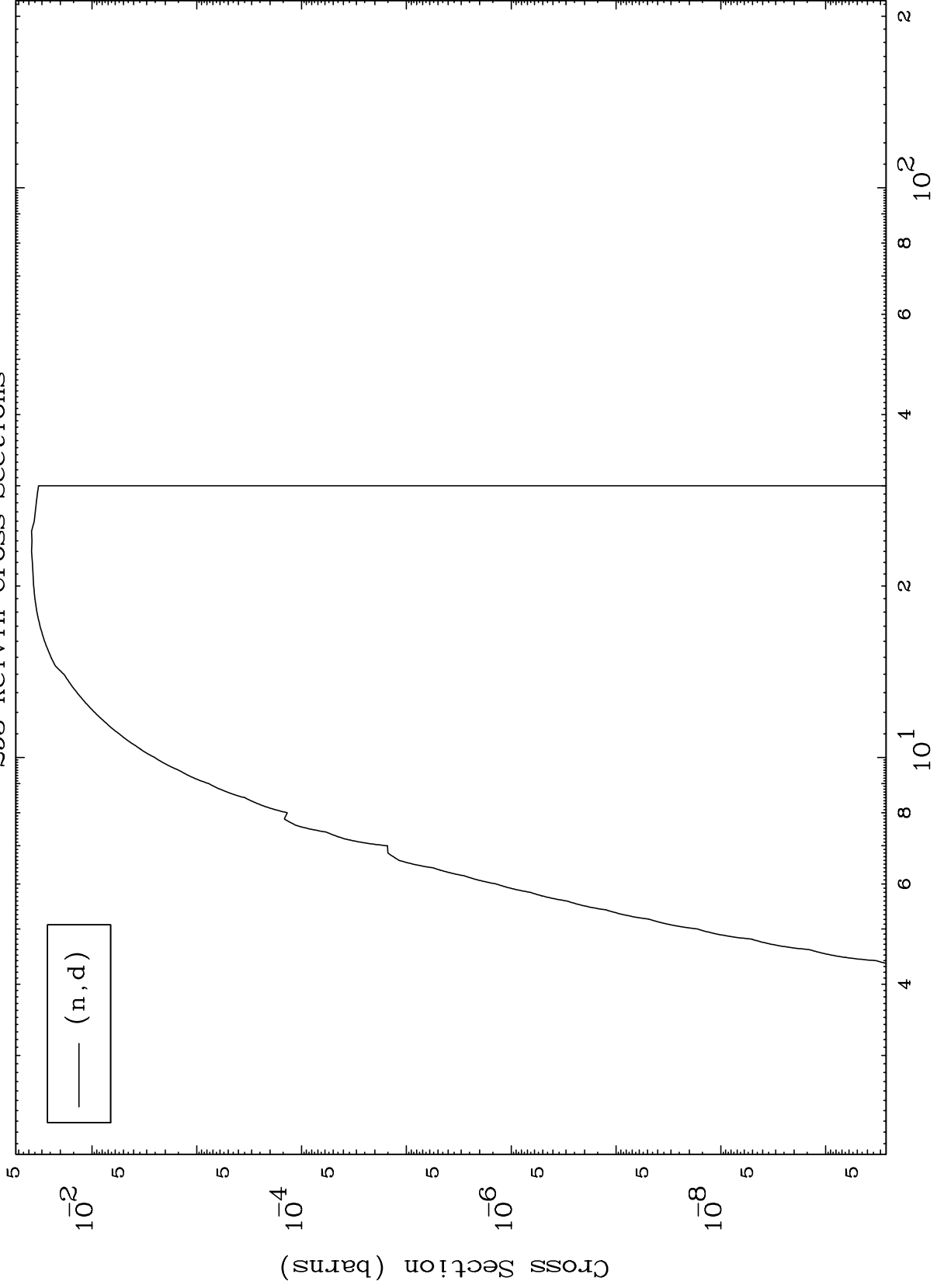
46-Pd-95



MAT 4604

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-95



12

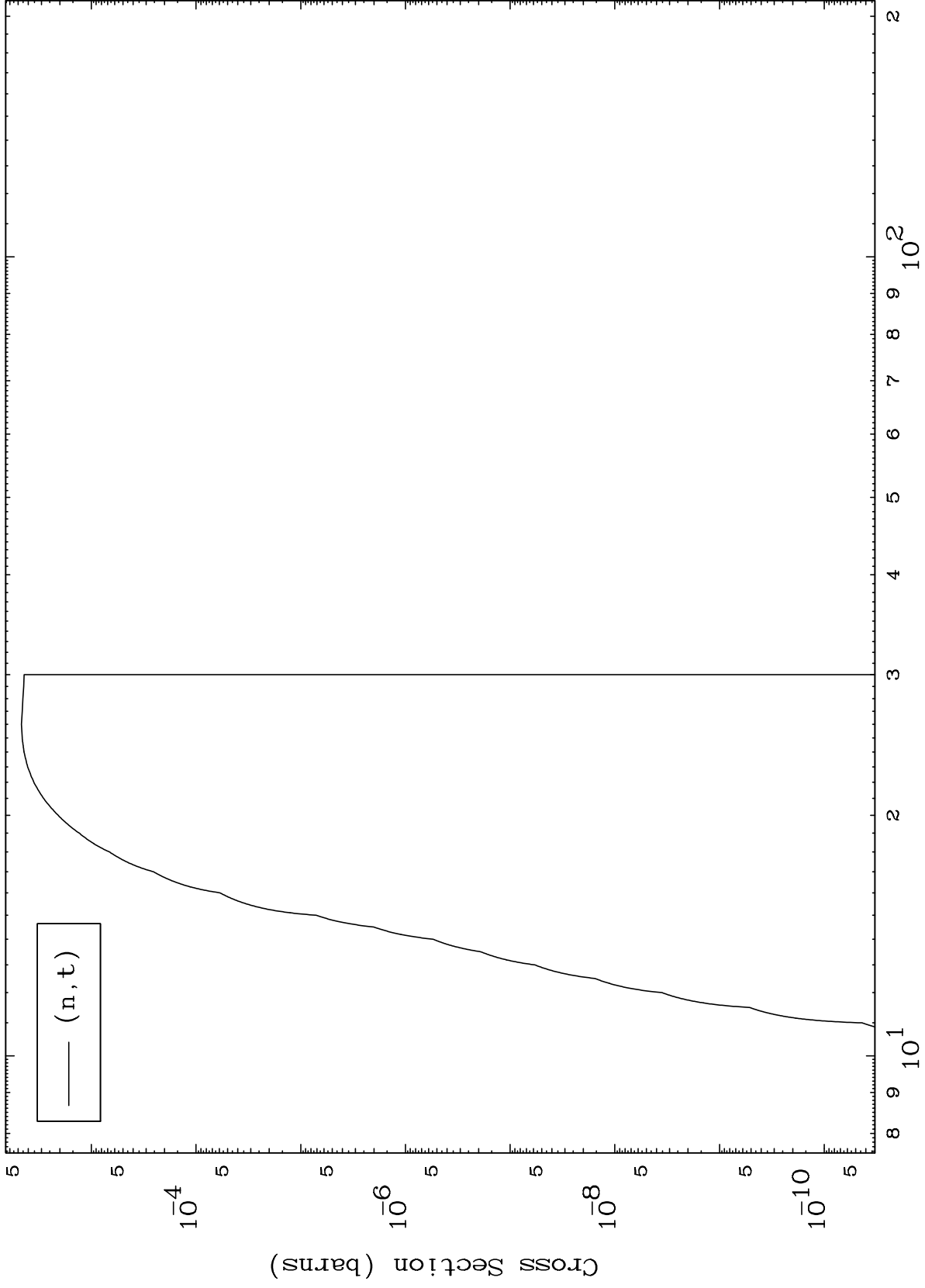
Incident Energy (MeV)

46-Pd-95

MAT 4604

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-95



13

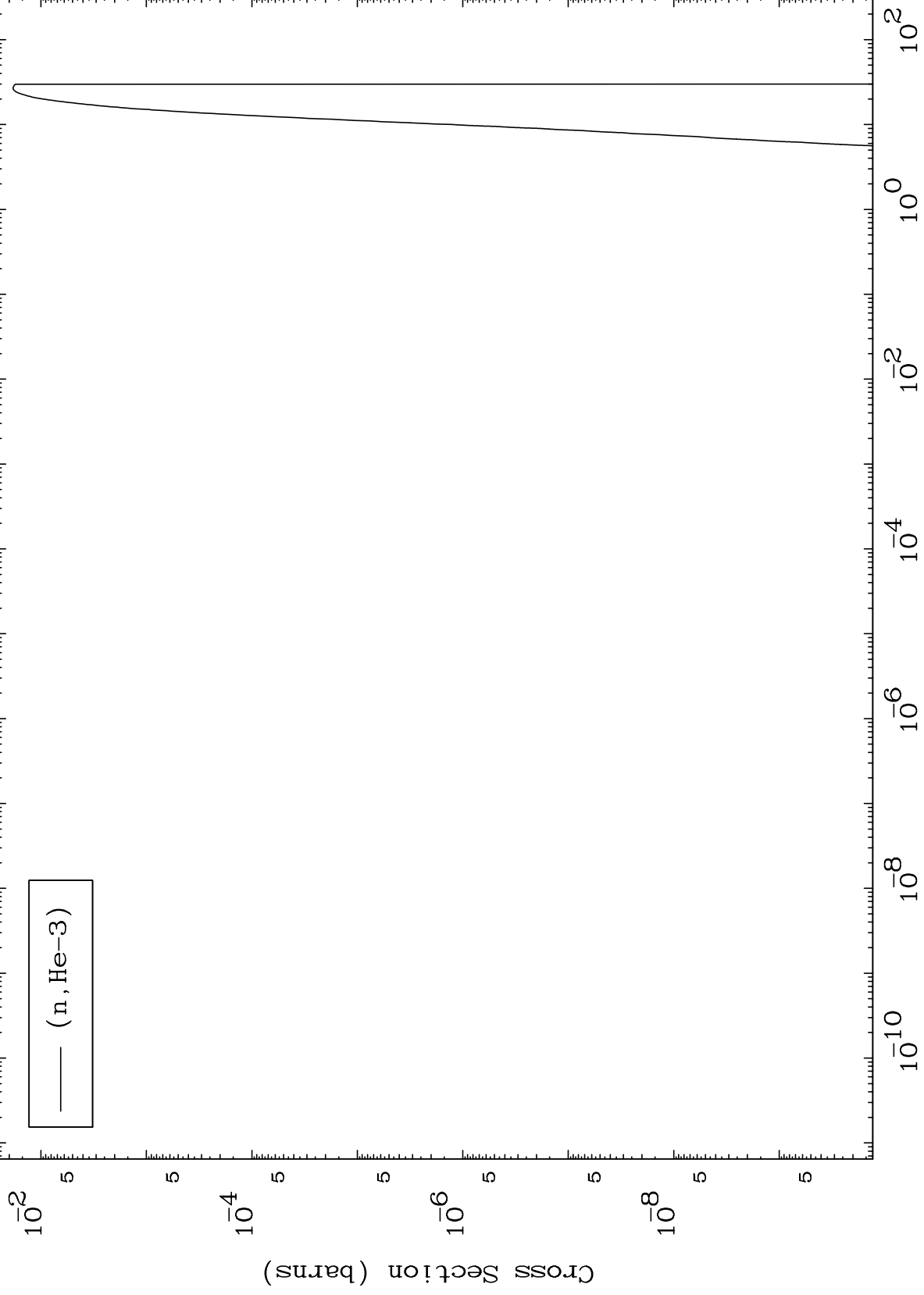
Incident Energy (MeV)

46-Pd-95

MAT 4604

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-95



14

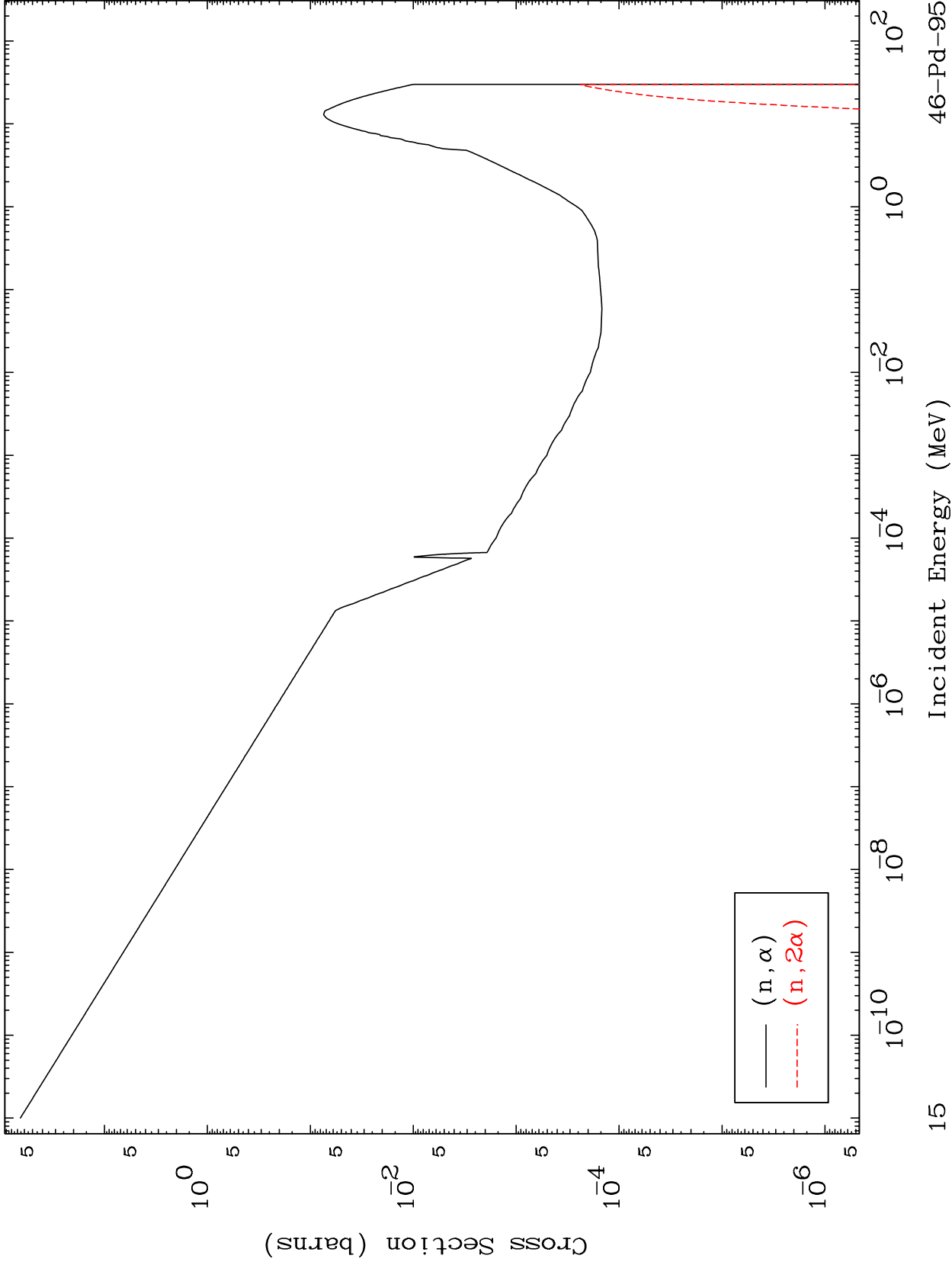
Incident Energy (MeV)

46-Pd-95

MAT 4604

(n,α) Levels
293 Kelvin Cross Sections

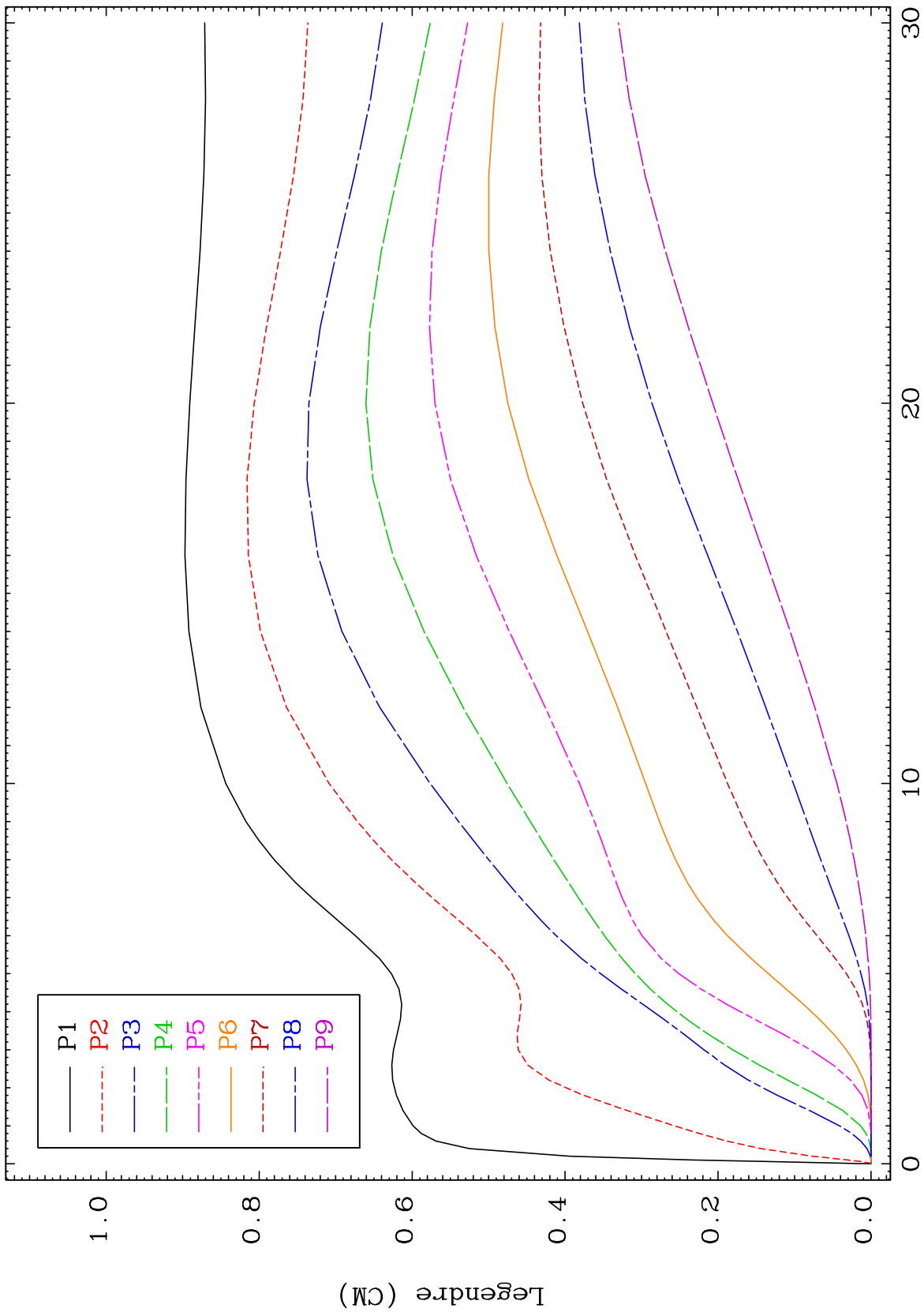
46-Pd-95



MAT 4604

Elastic Legendre Coefficients

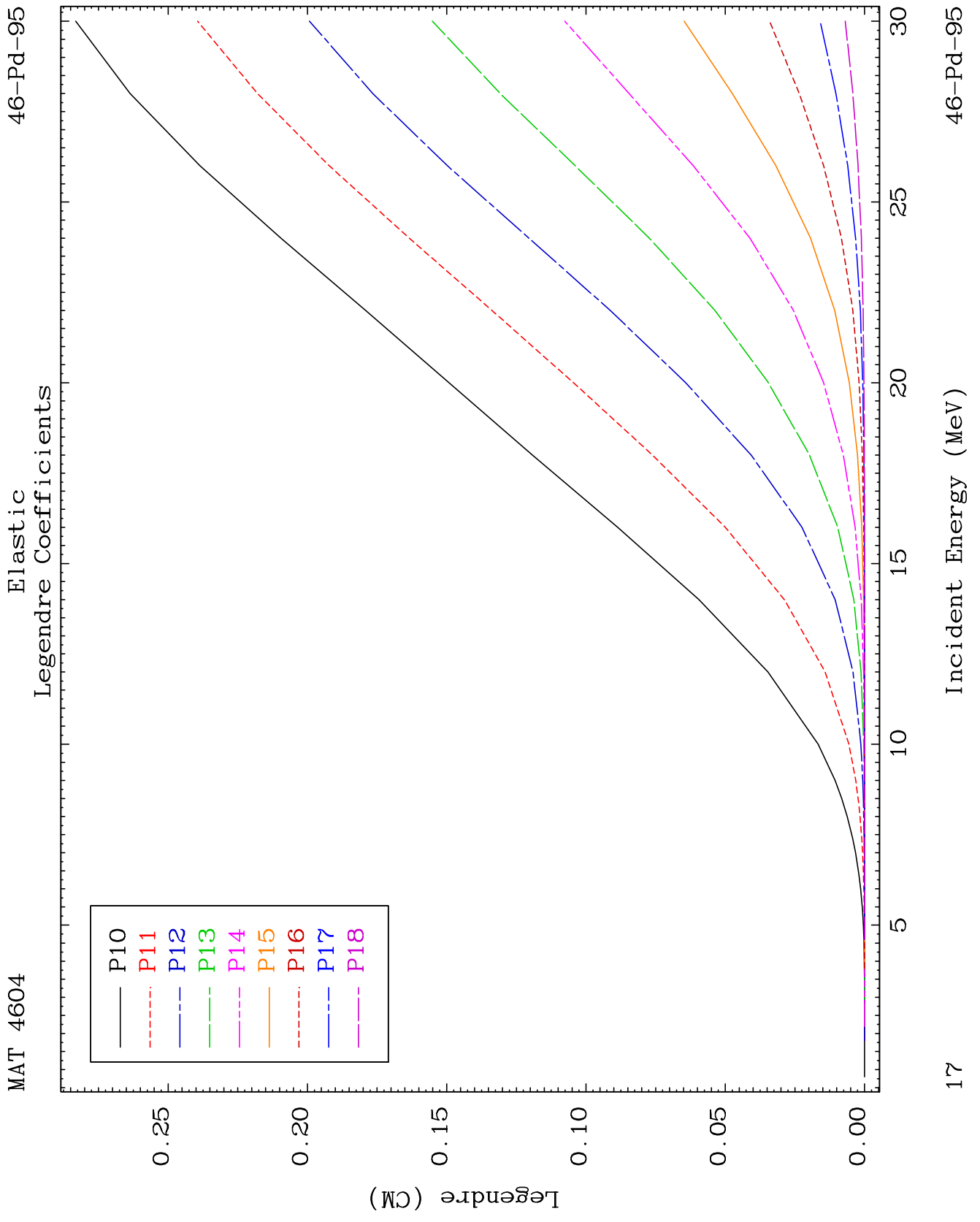
46-Pd-95



16

Incident Energy (MeV)

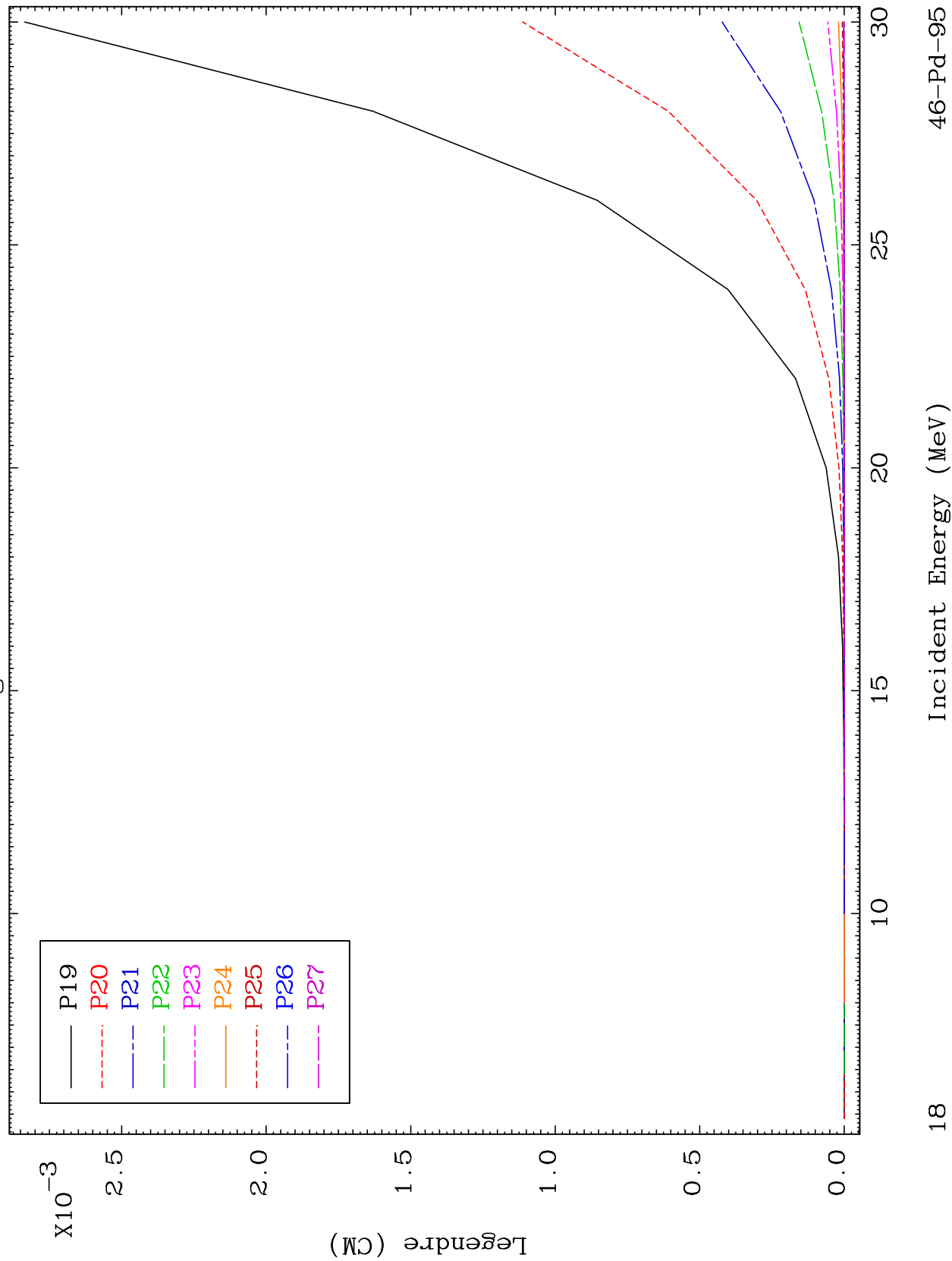
46-Pd-95



MAT 4604

Elastic
Legendre Coefficients

46-Pd-95



18

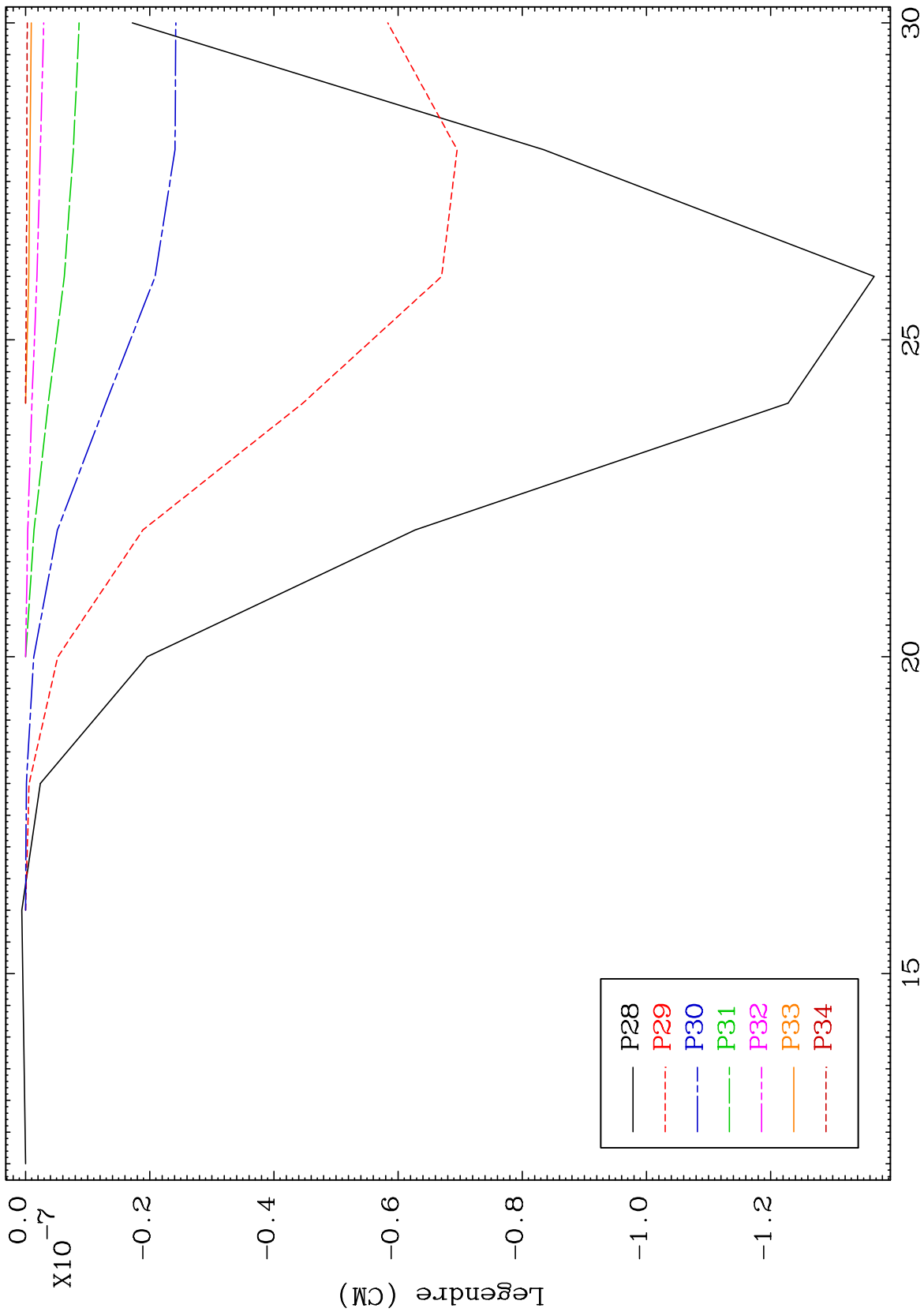
Incident Energy (MeV)

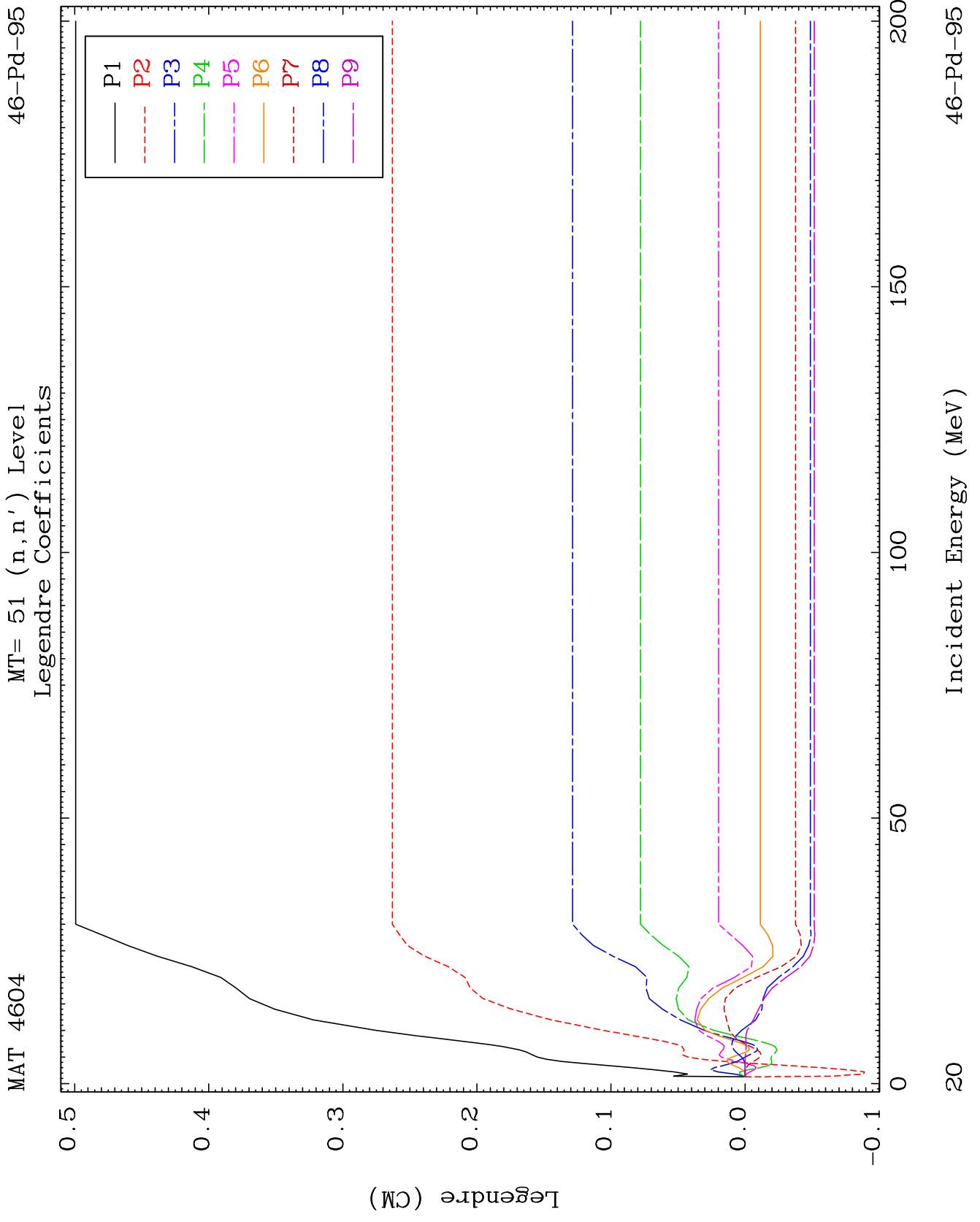
46-Pd-95

MAT 4604

46-Pd-95

Elastic Legendre Coefficients

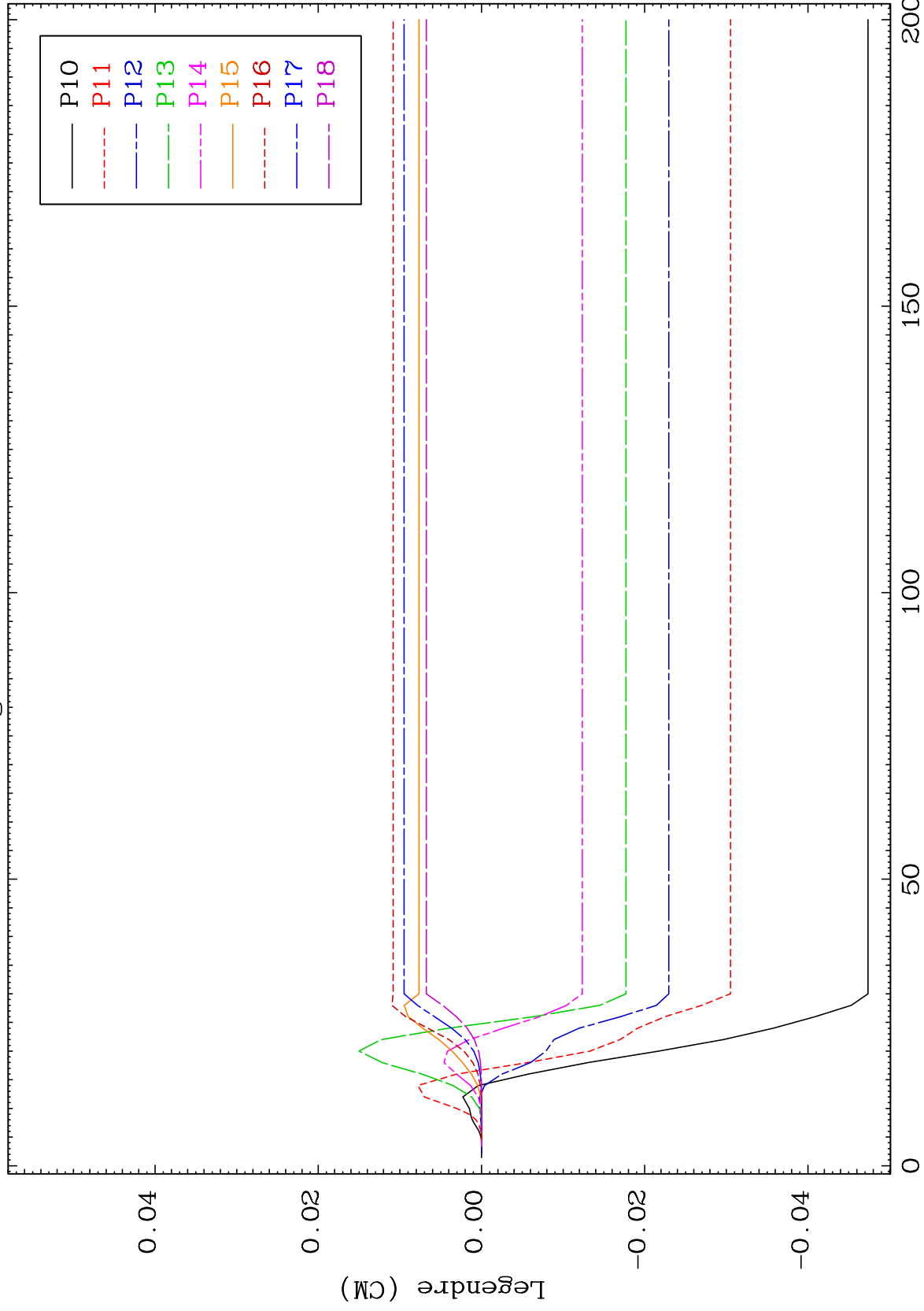




MAT 4604

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

46-Pd-95



21

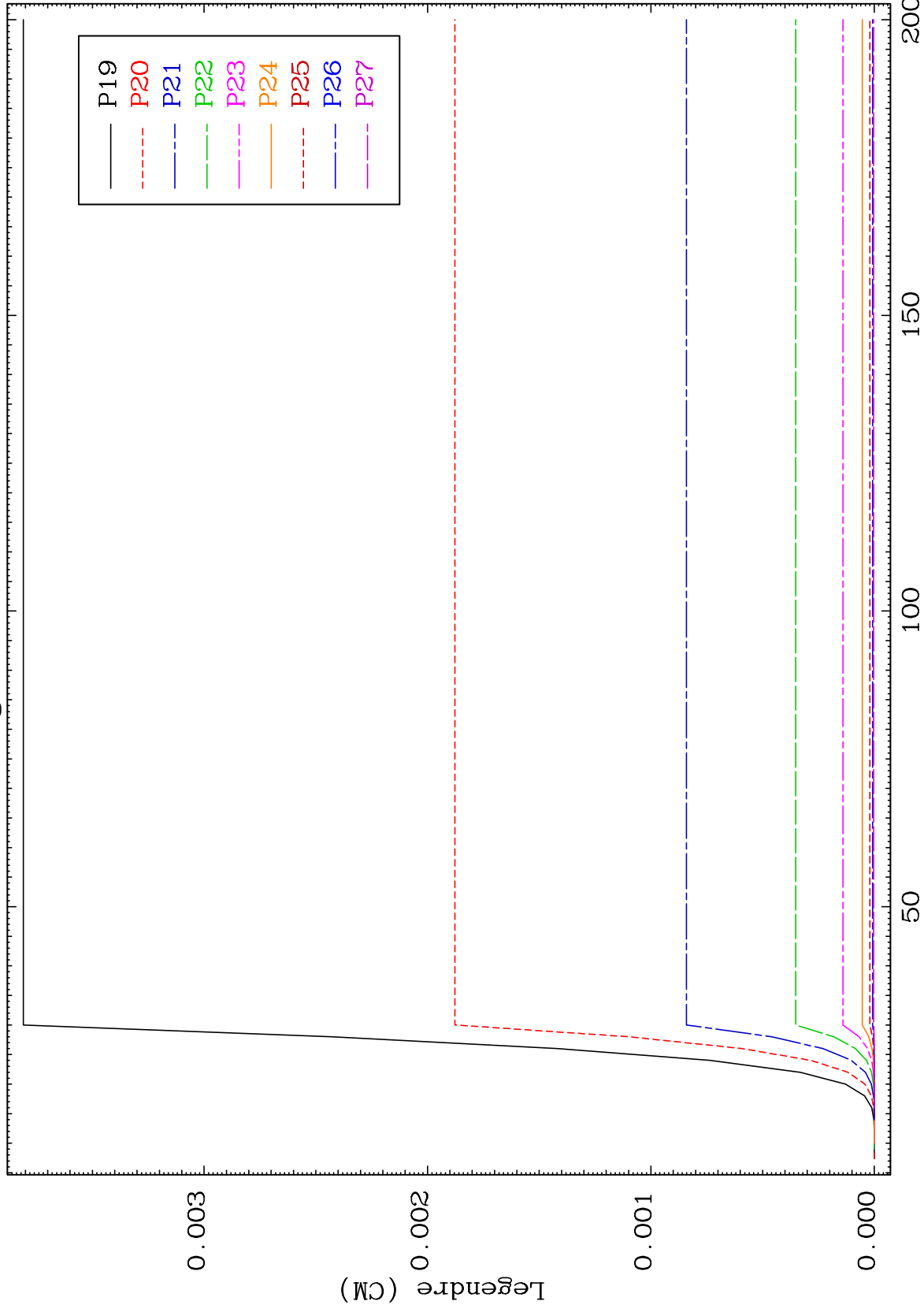
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



22

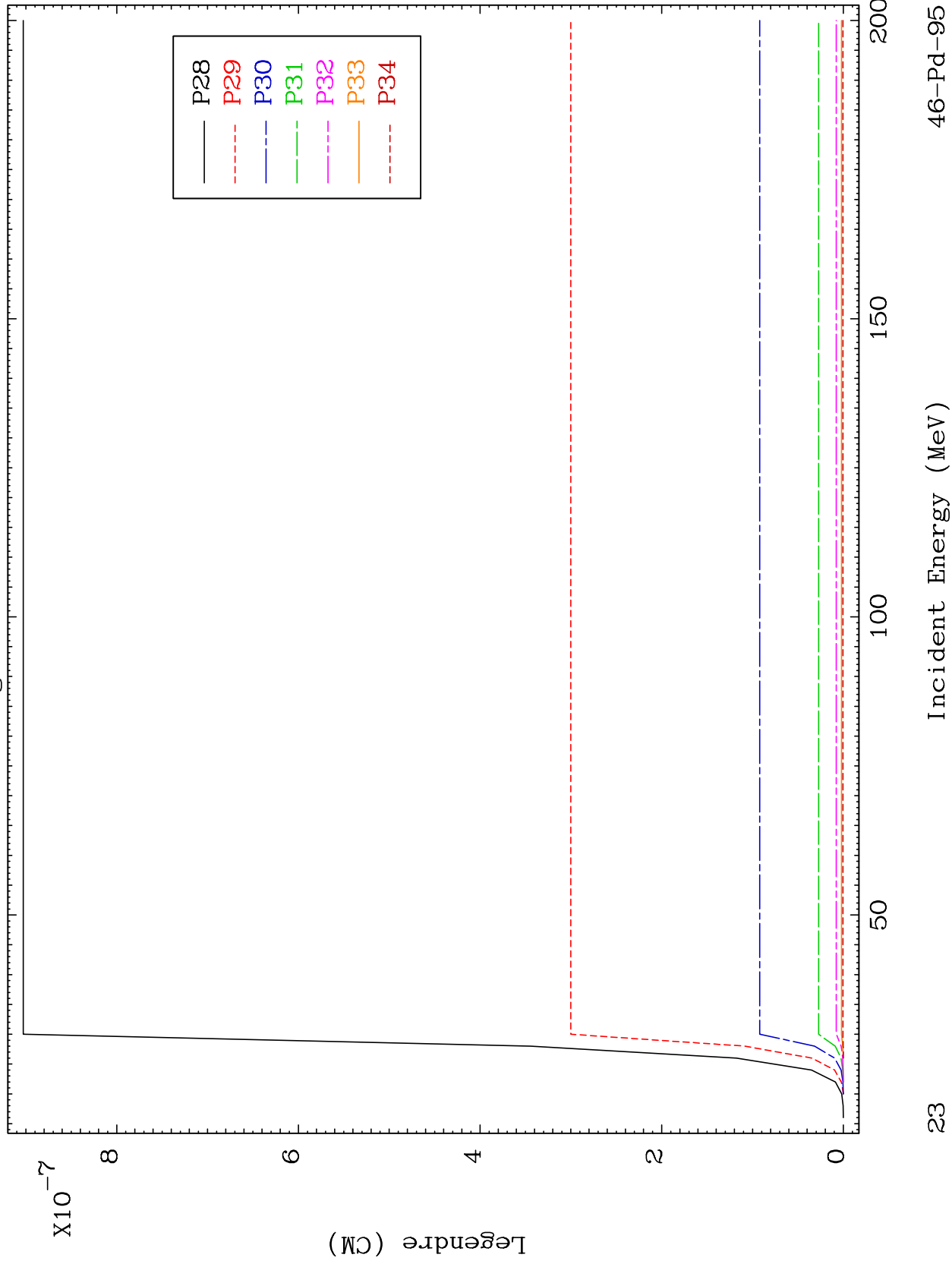
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

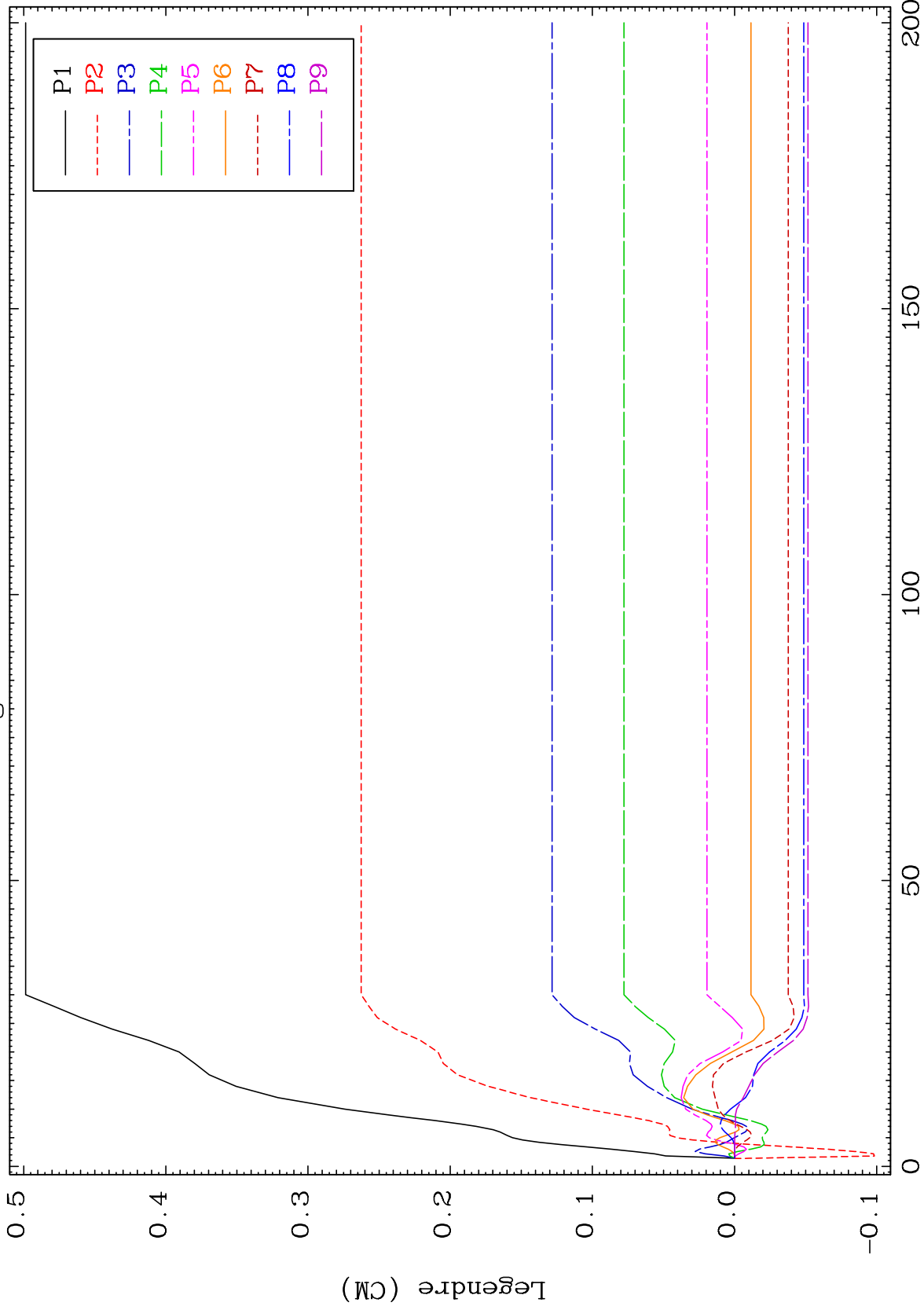


23

MAT 4604

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

46-Pd-95



24

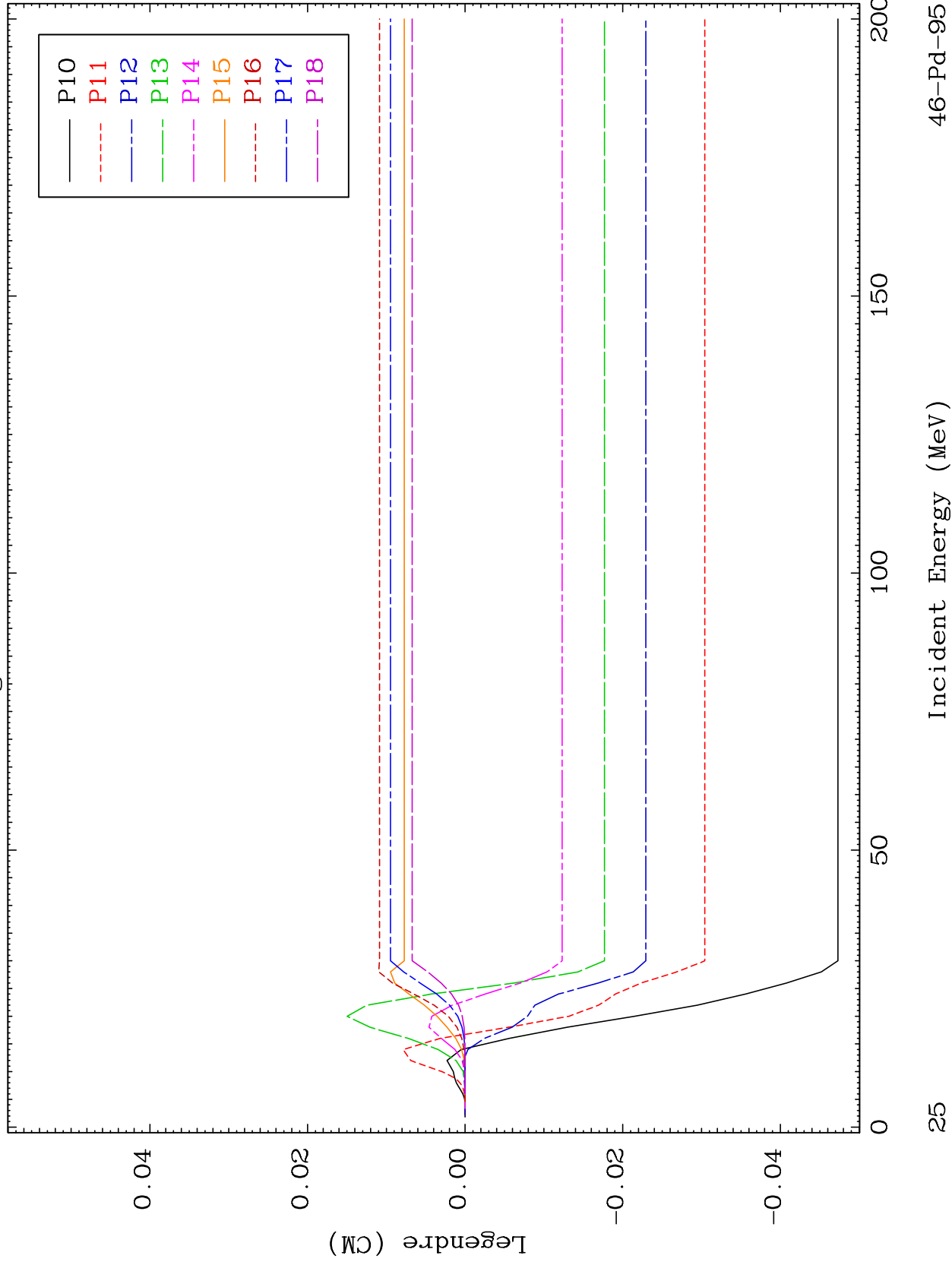
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



46-Pd-95

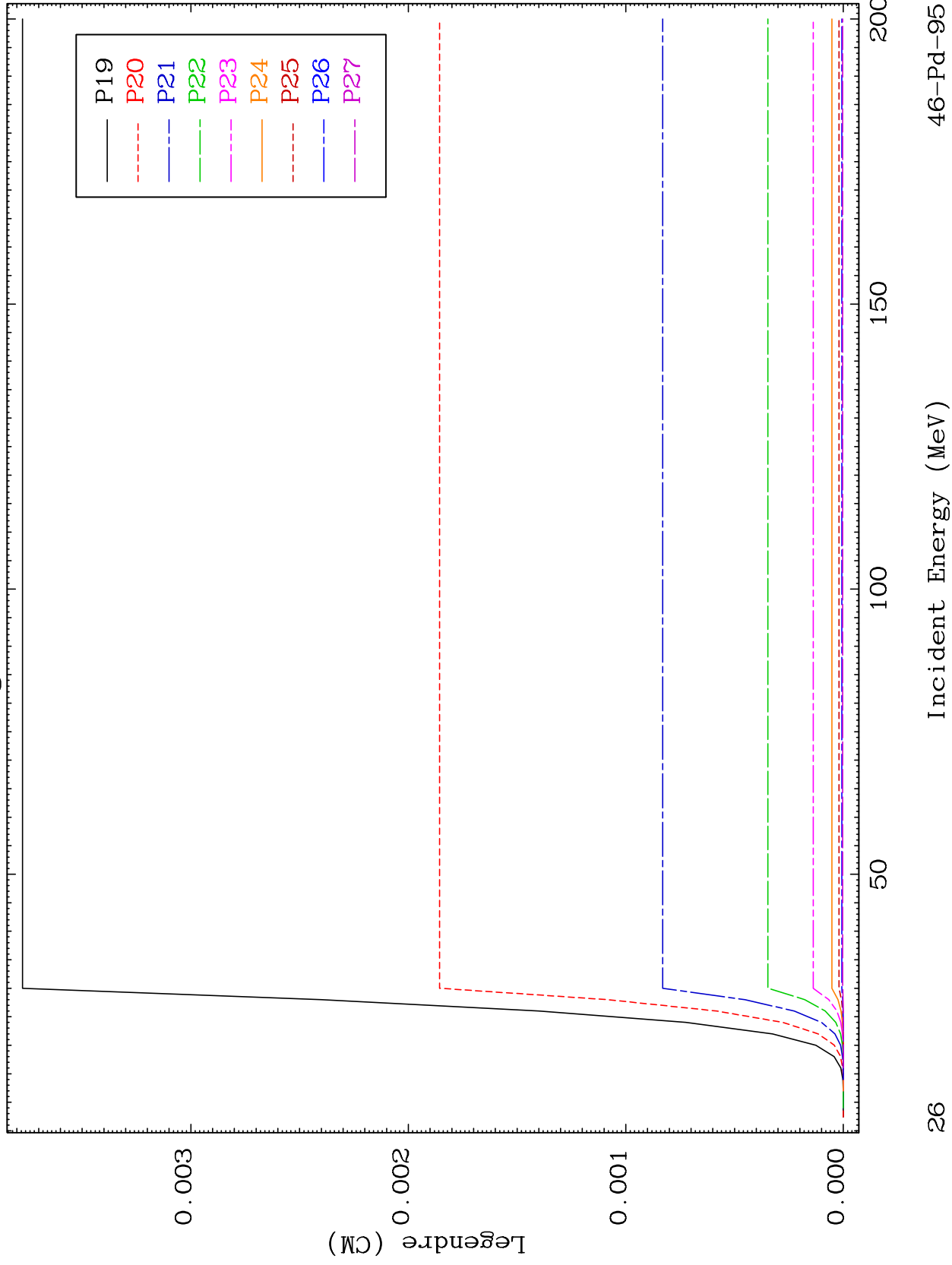
Incident Energy (MeV)

25

MAT 4604

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

46-Pd-95



26

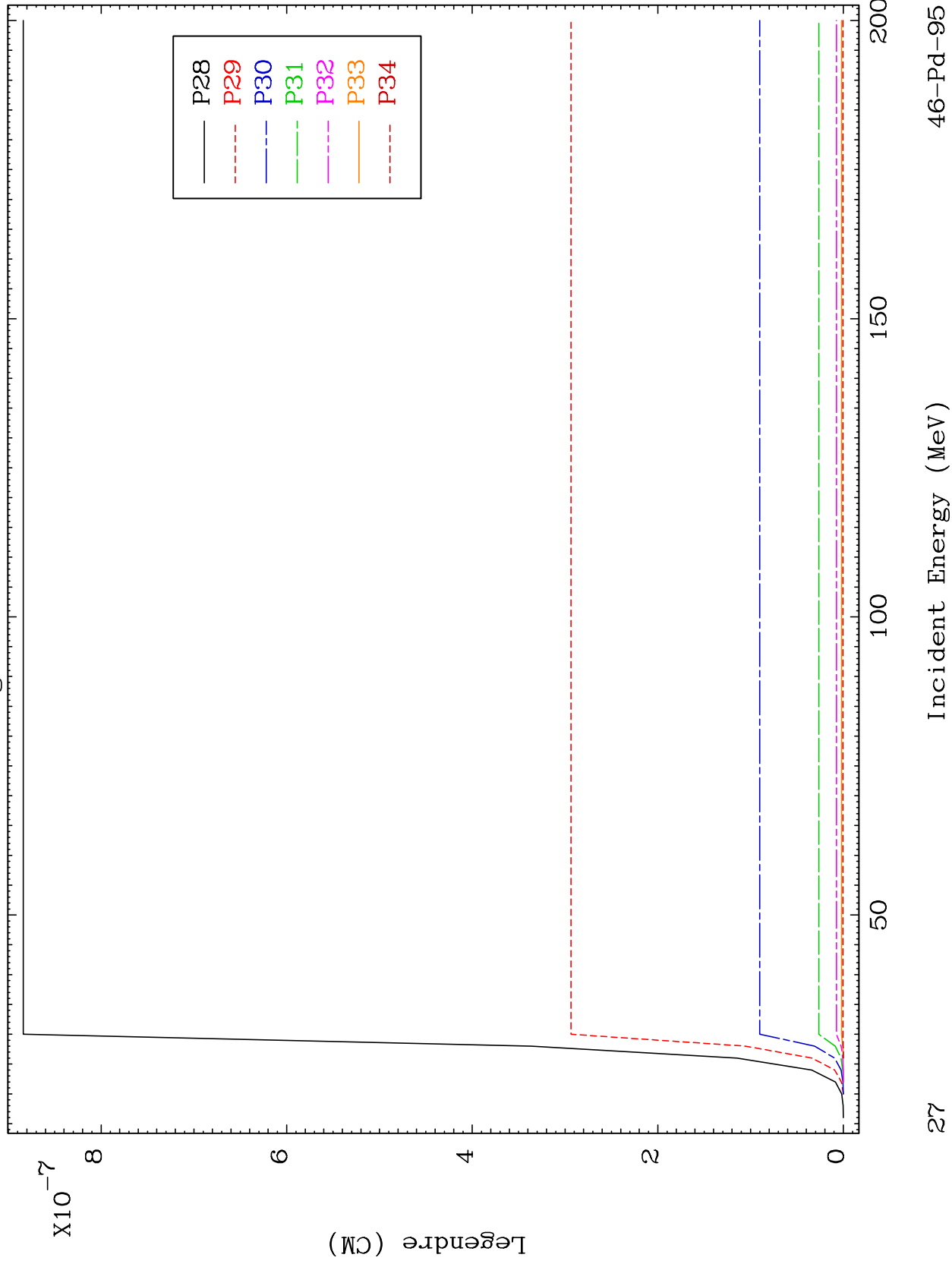
Incident Energy (MeV)

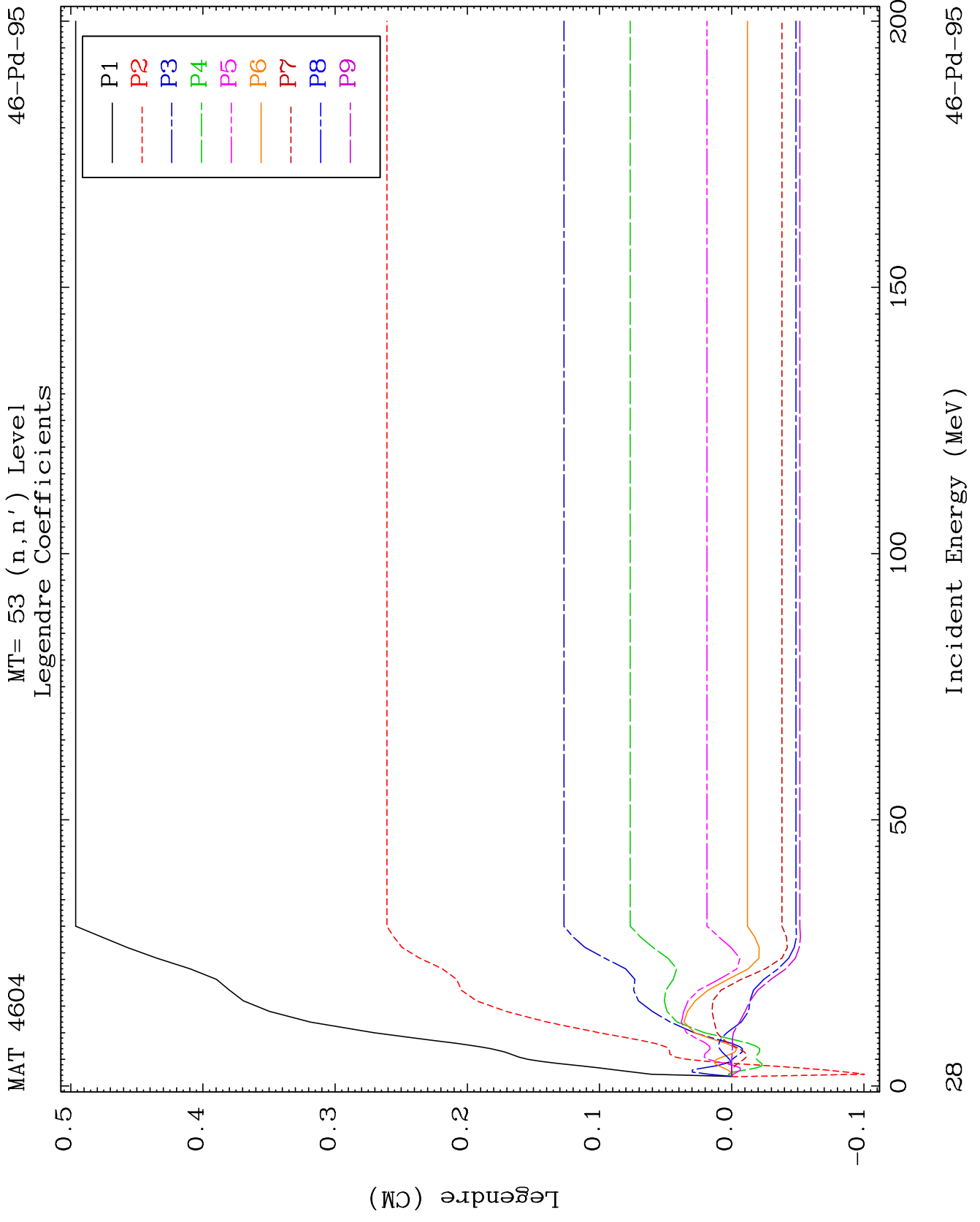
46-Pd-95

MAT 4604

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

46-Pd-95

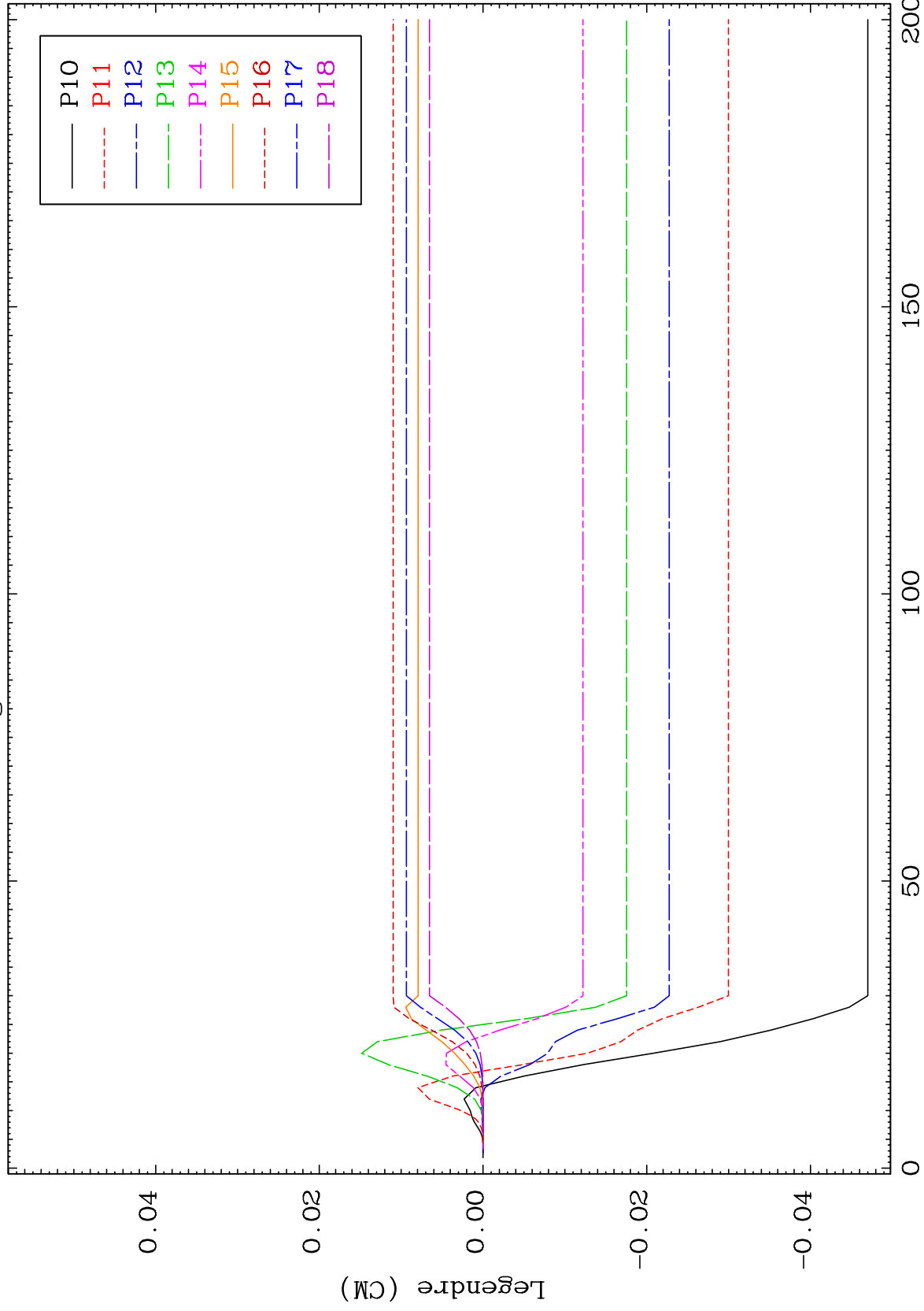




MAT 4604

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

46-Pd-95



29

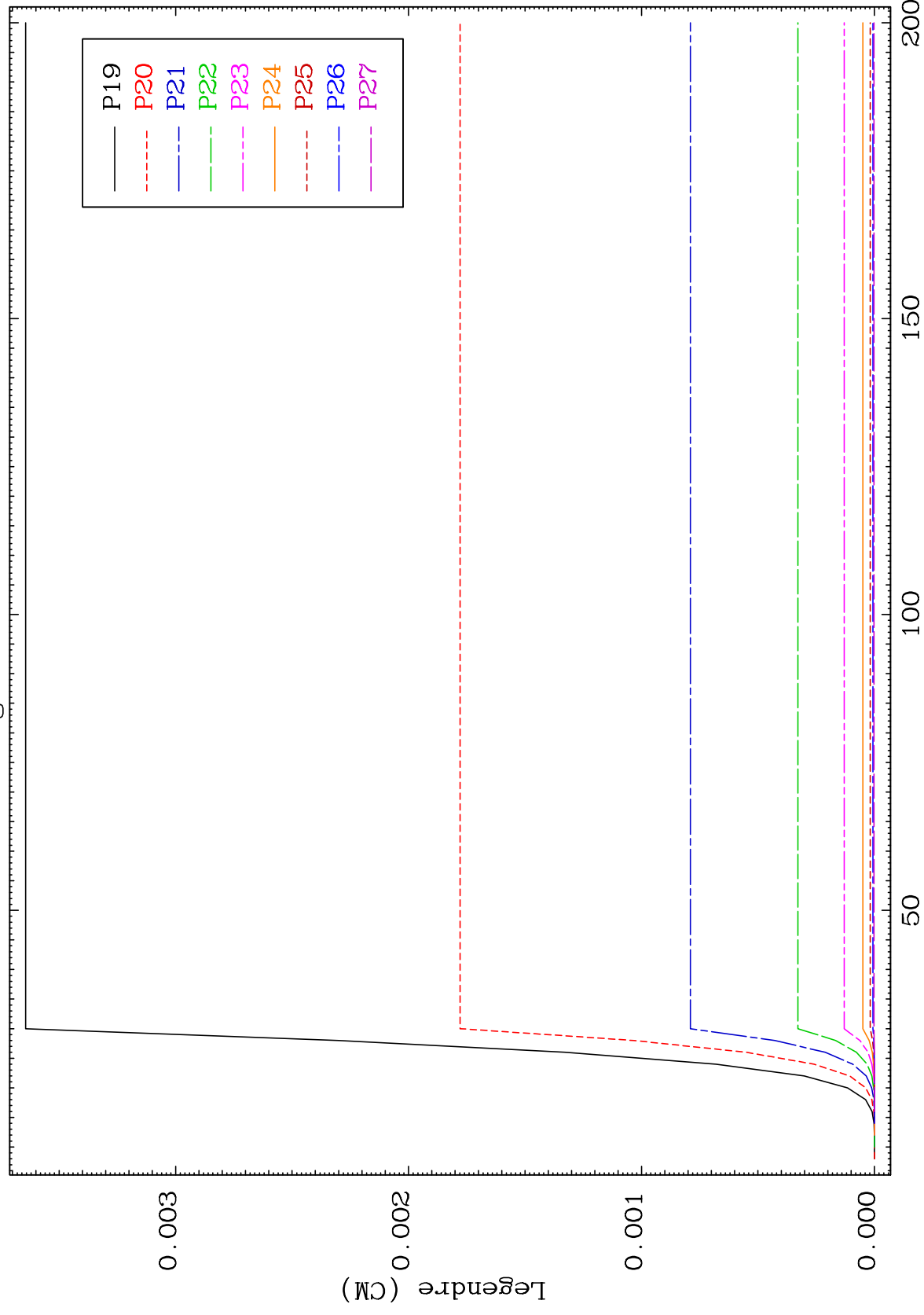
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



30

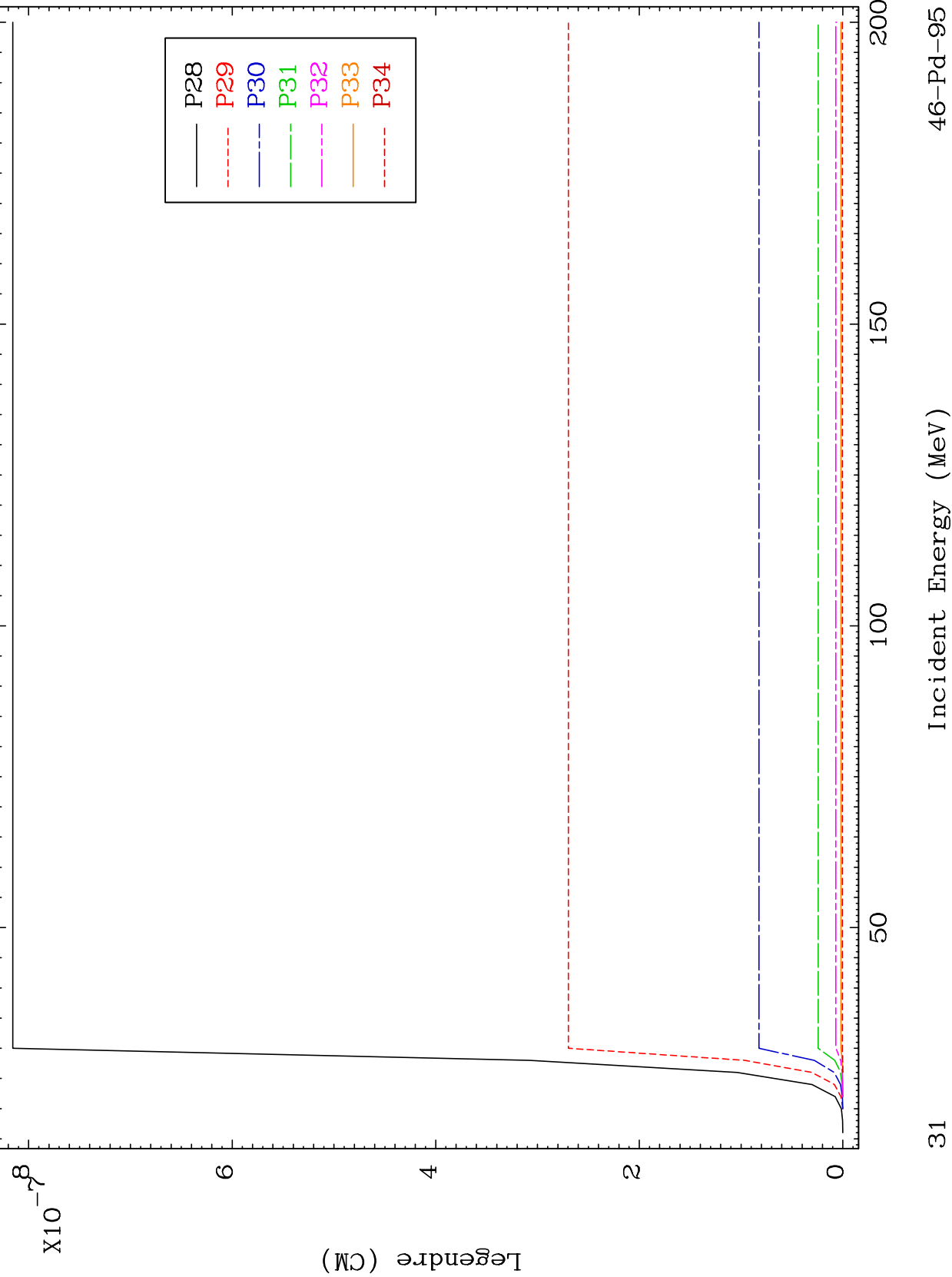
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



31

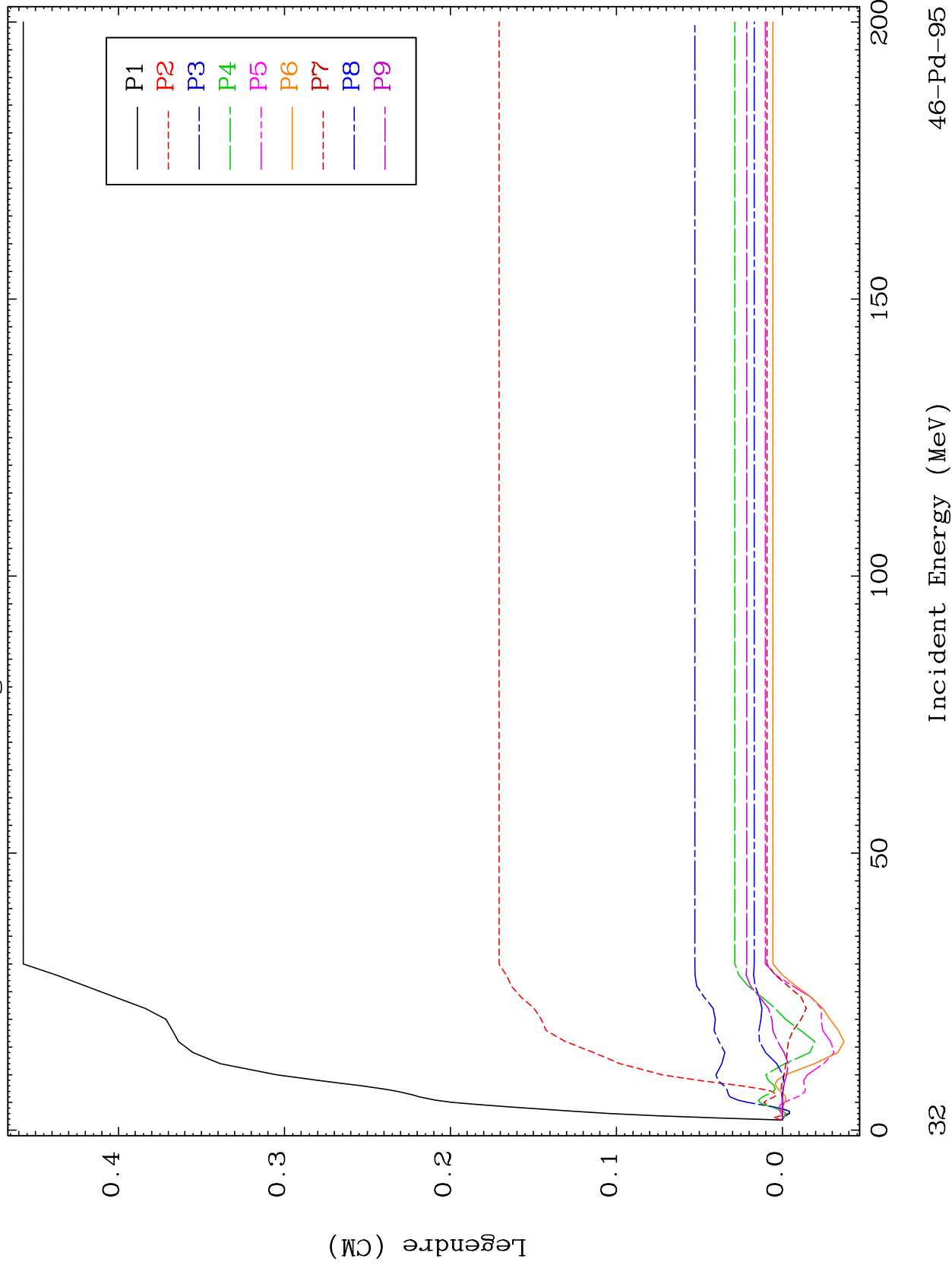
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



46-Pd-95

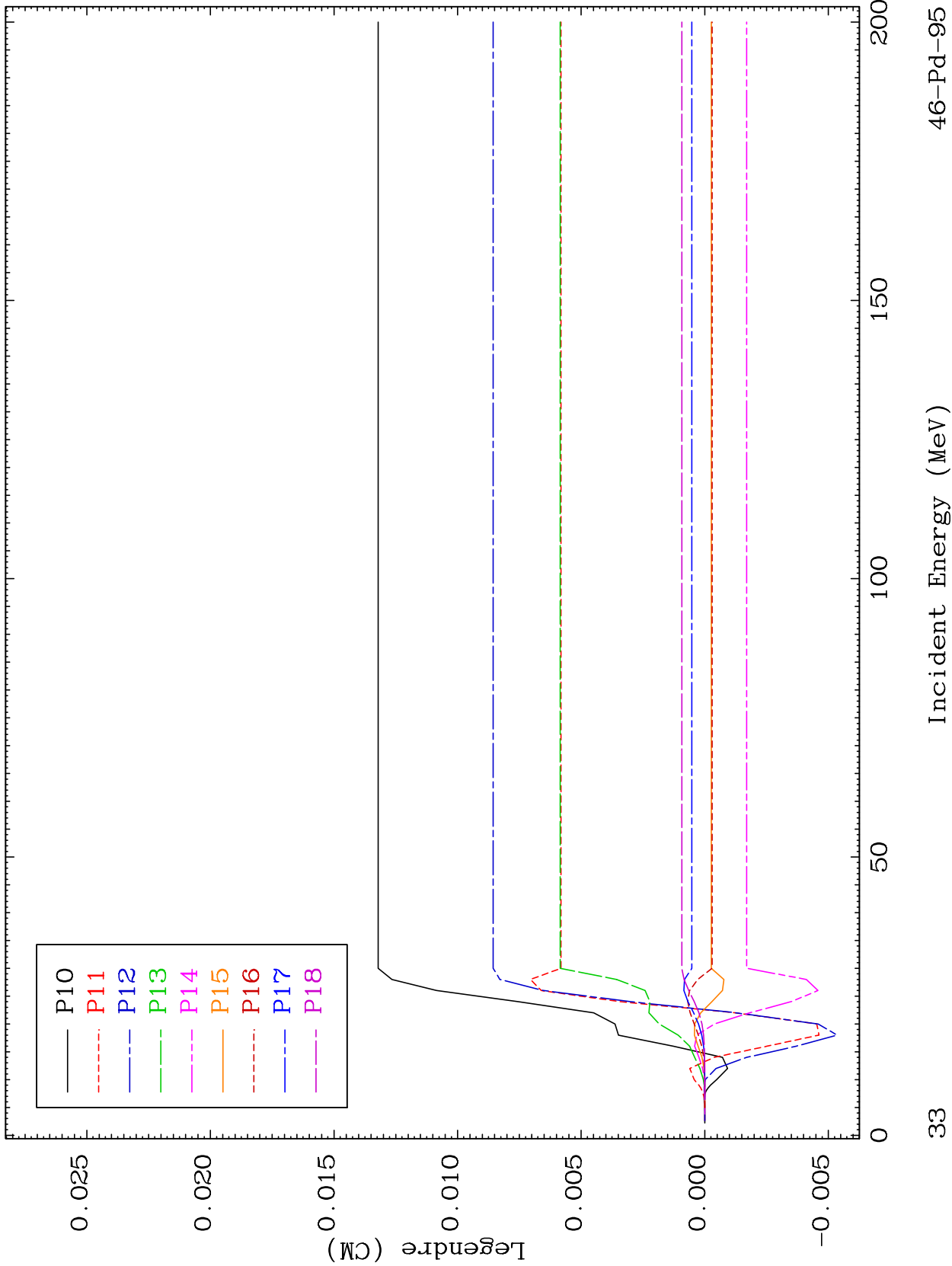
Incident Energy (MeV)

32

MAT 4604

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

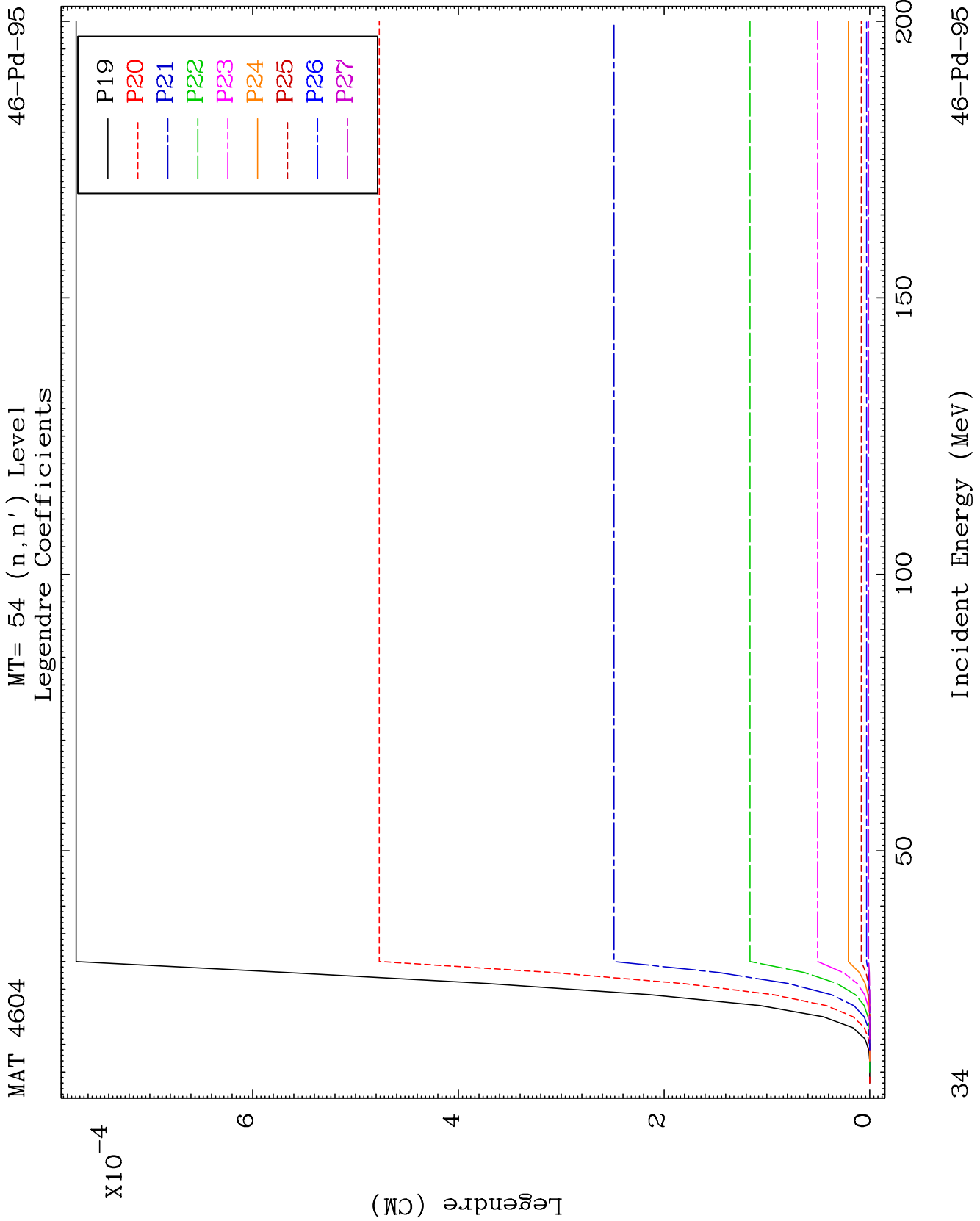
46-Pd-95



33

Incident Energy (MeV)

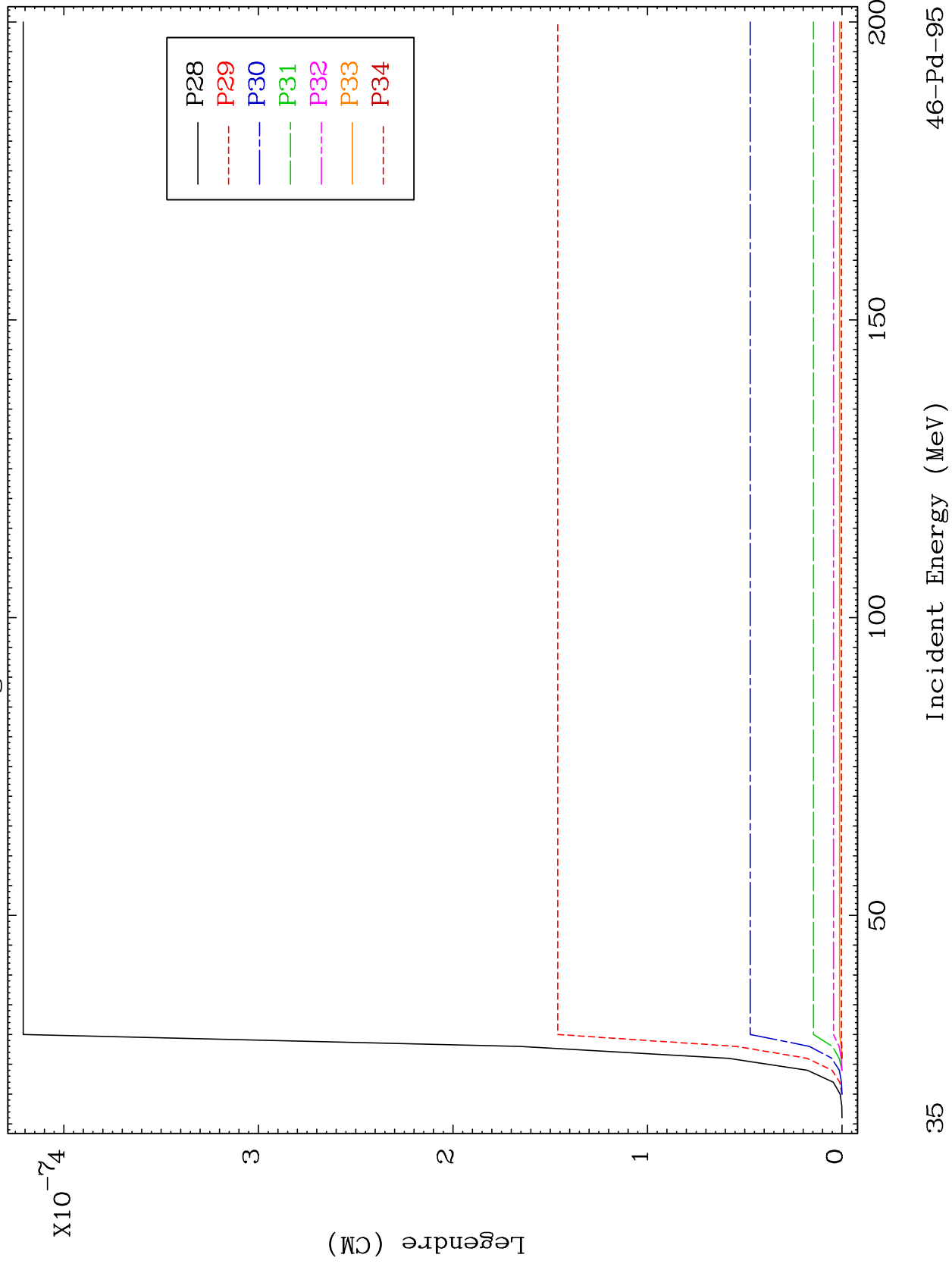
46-Pd-95



MAT 4604

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

46-Pd-95



35

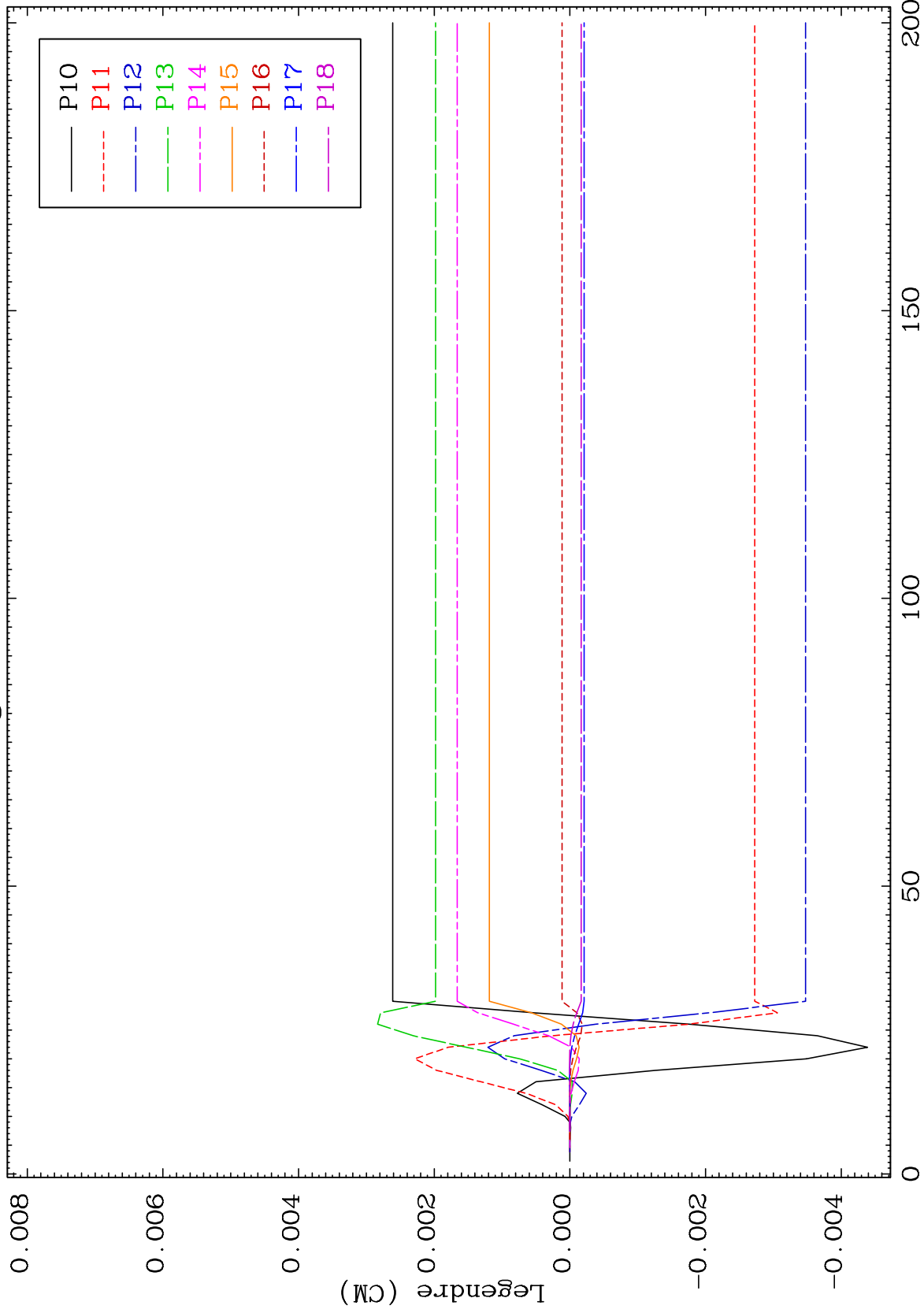
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



37

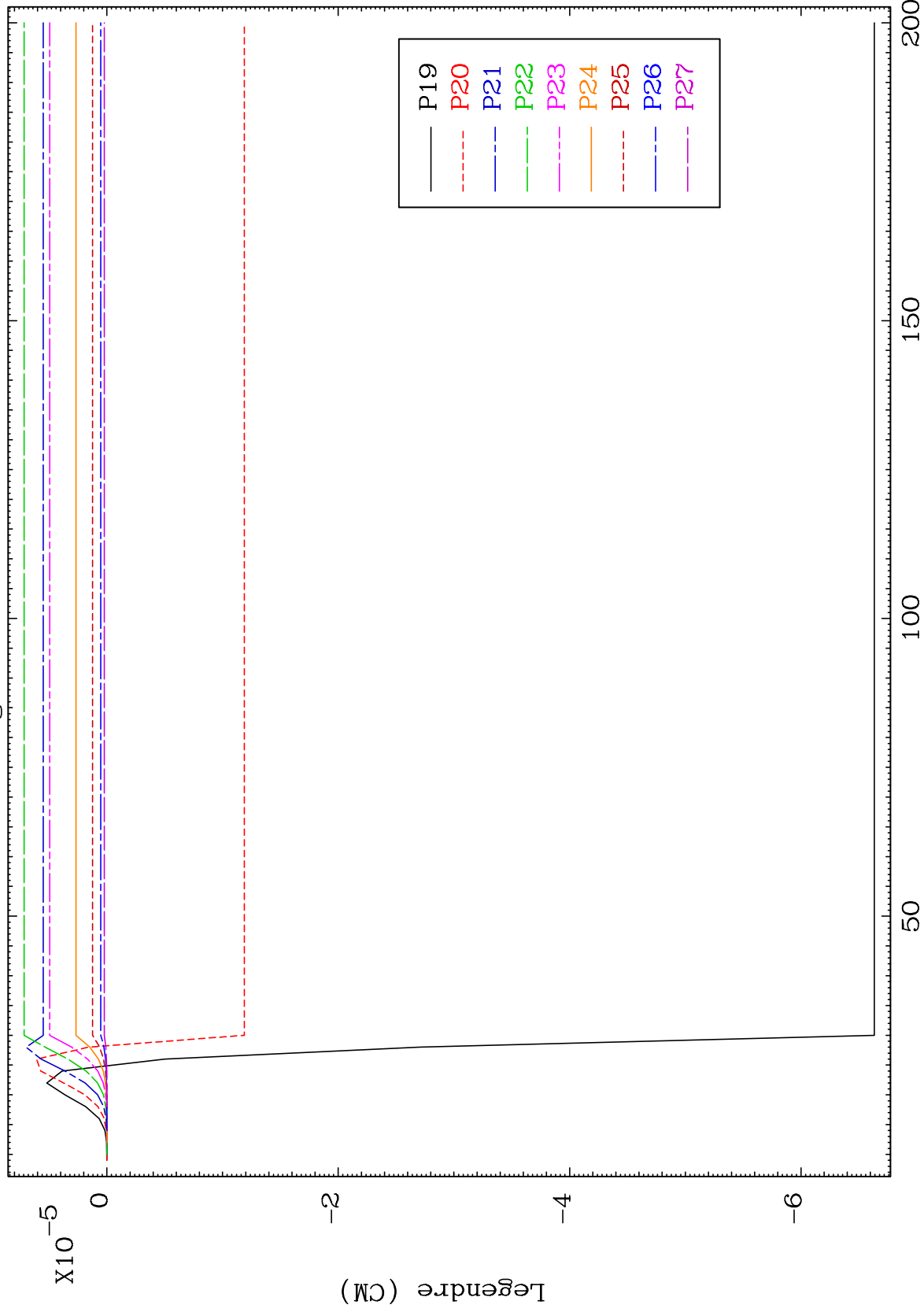
Incident Energy (MeV)

46-Pd-95

MAT 4604

46-Pd-95

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



38

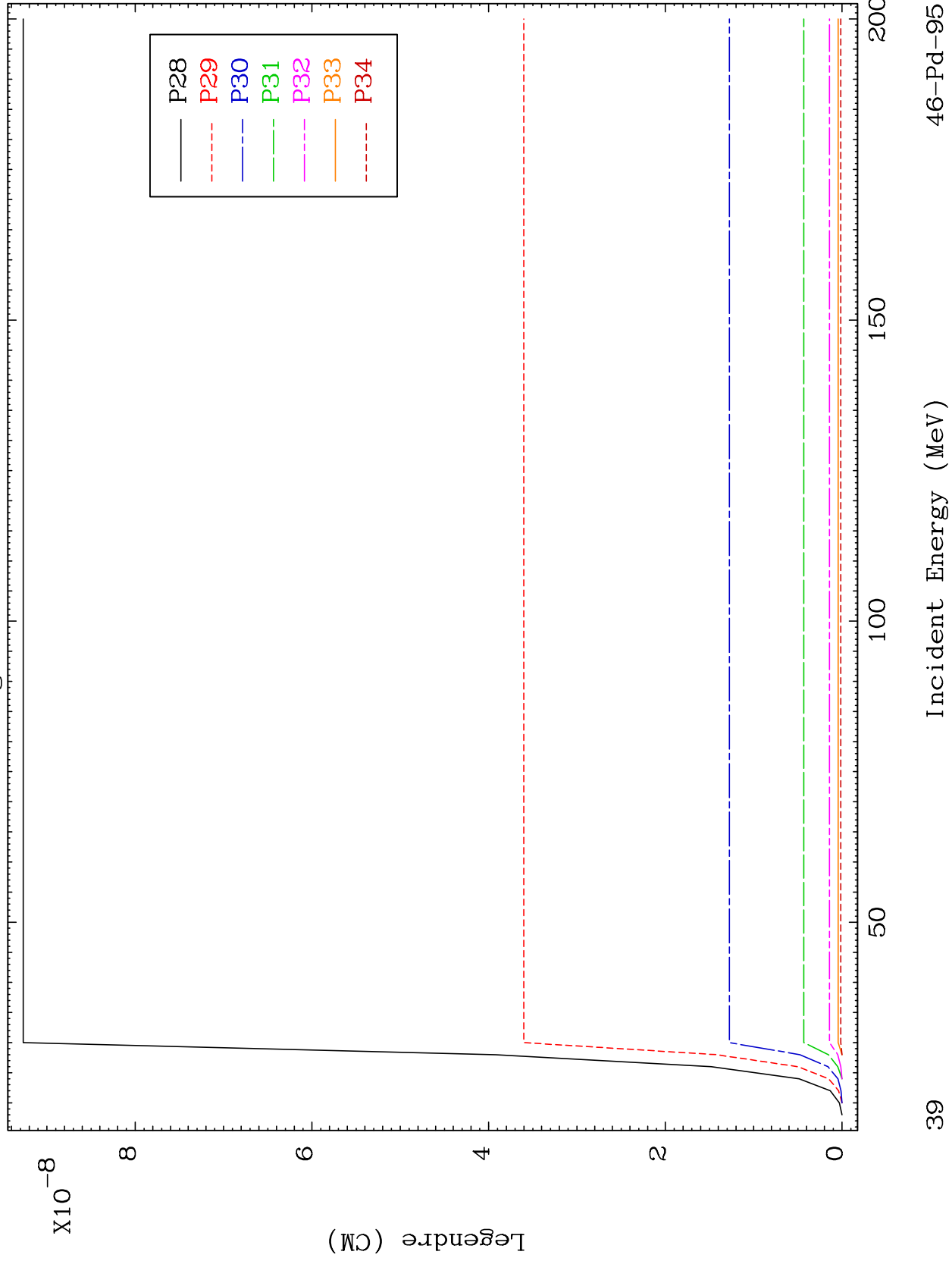
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

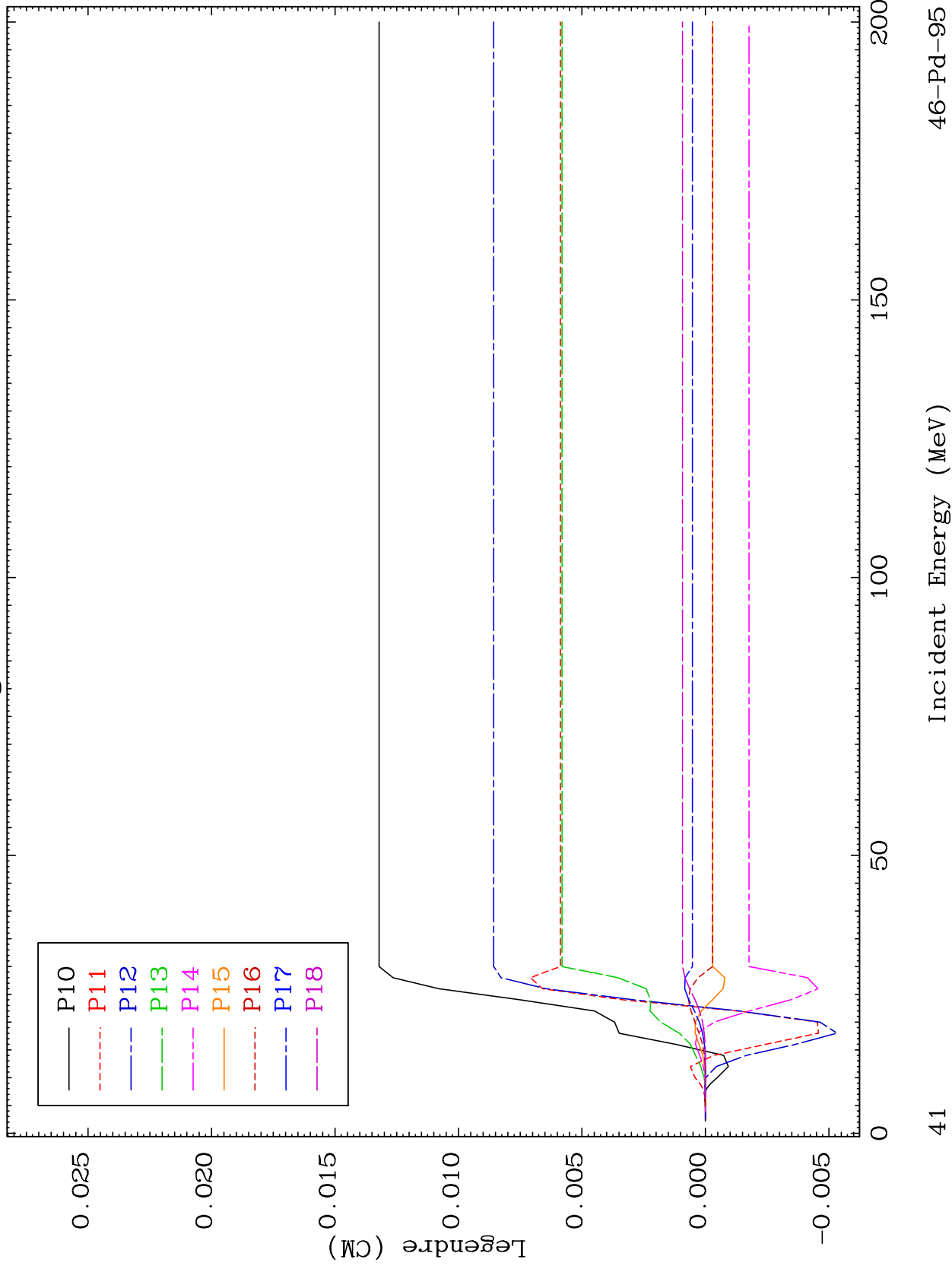
46-Pd-95



MAT 4604

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

46-Pd-95

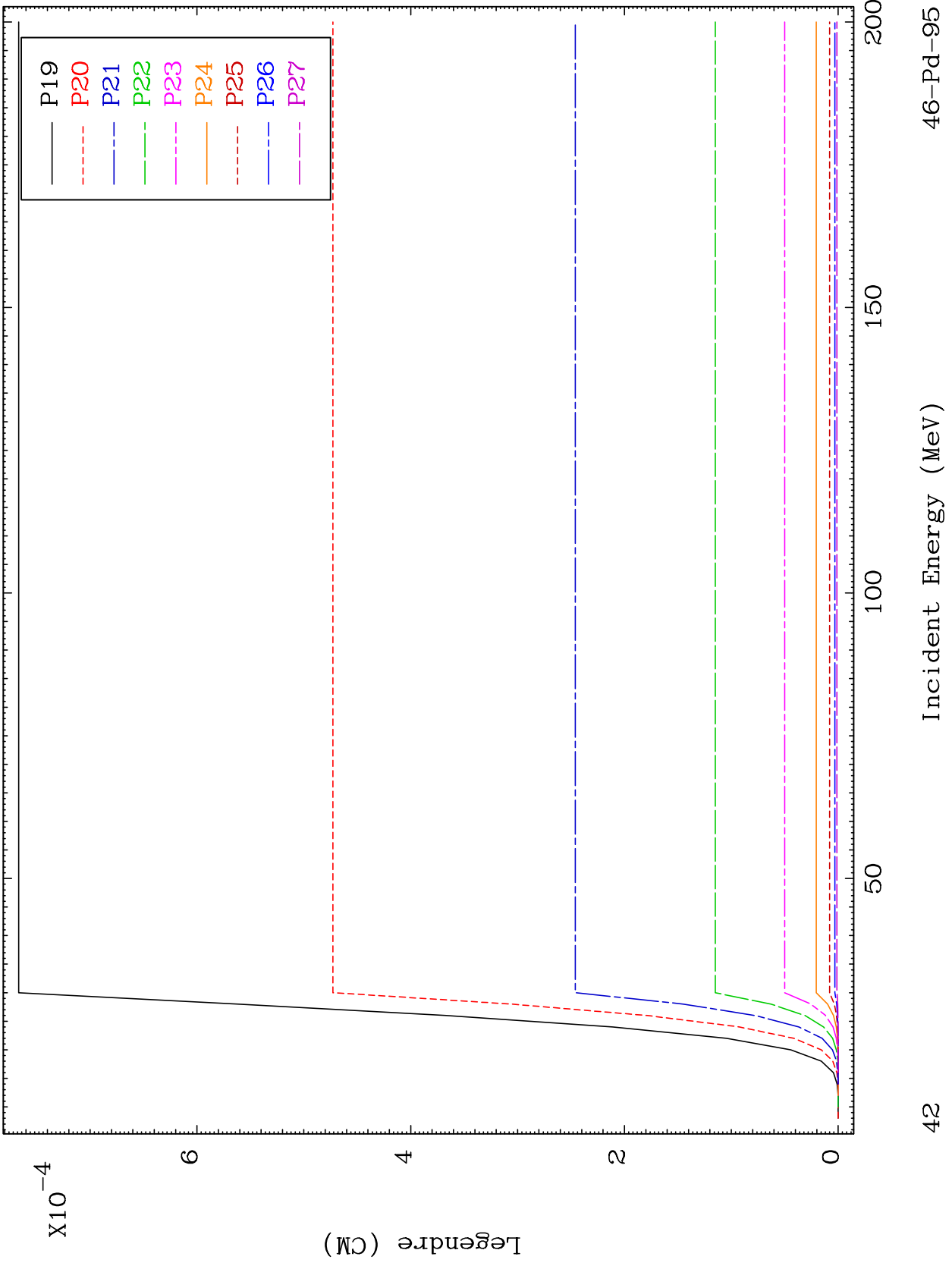


41

Incident Energy (MeV)

46-Pd-95

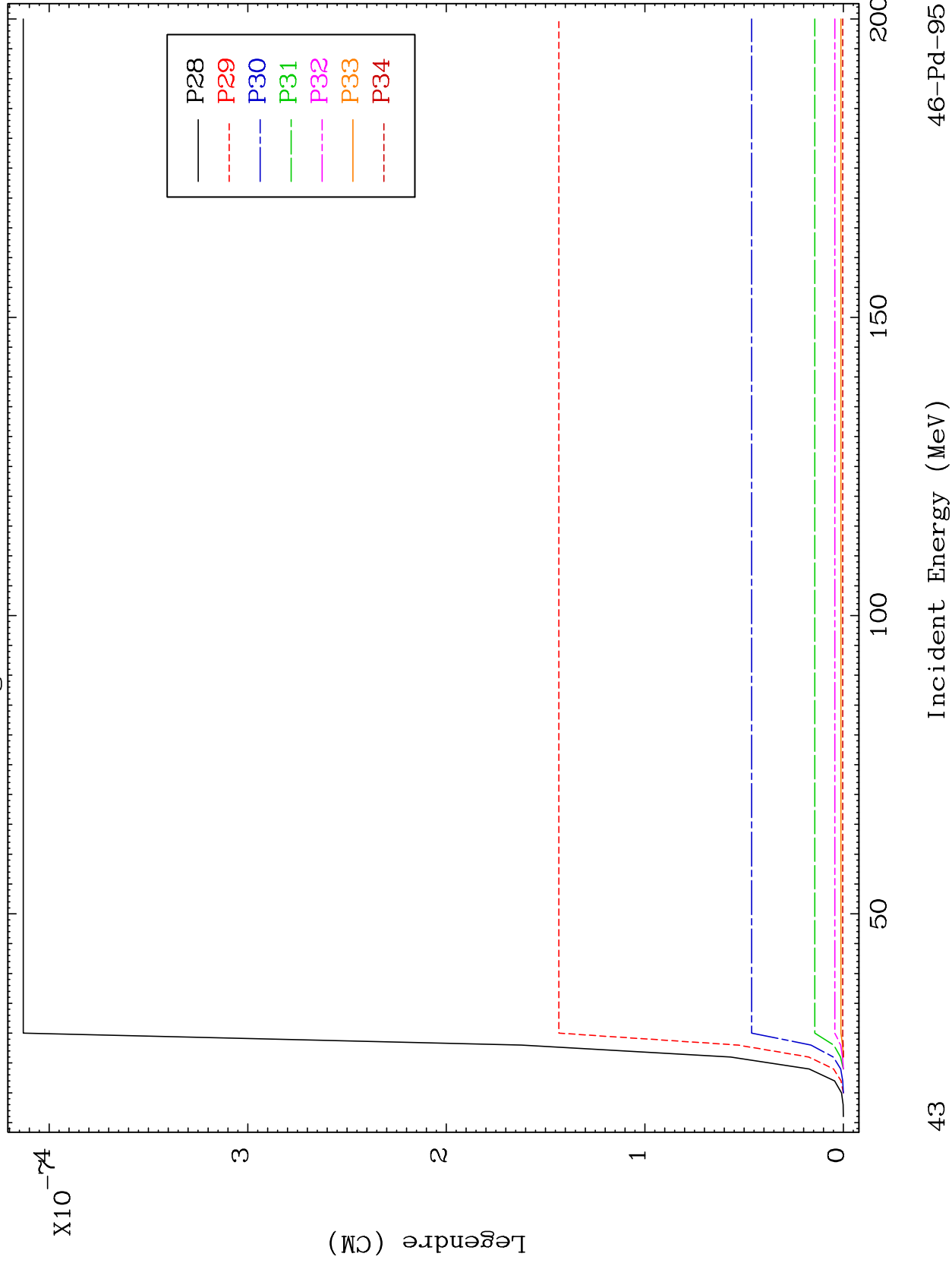
MAT 4604 MT= 56 (n,n') Level Legendre Coefficients 46-Pd-95



MAT 4604

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

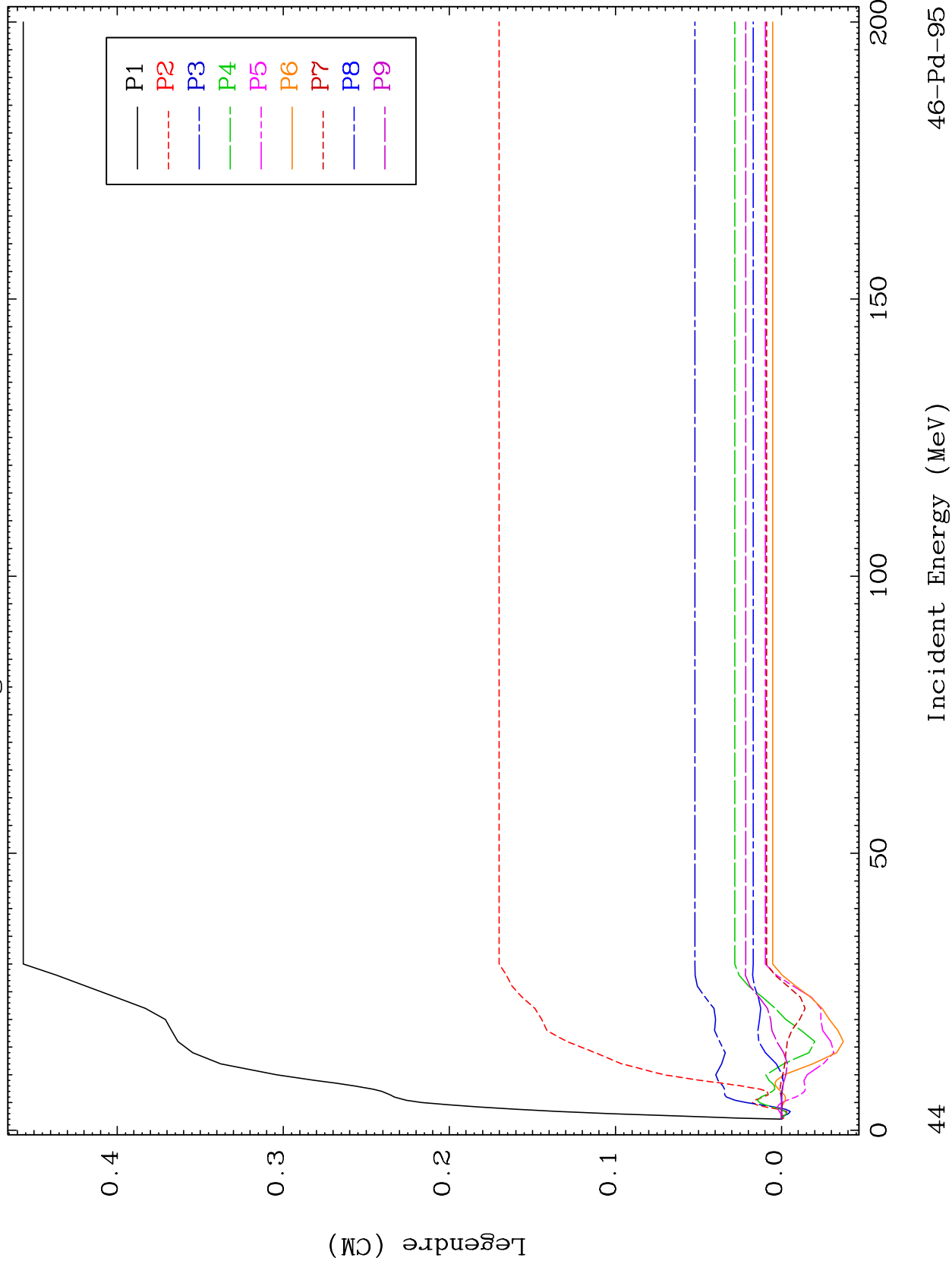
46-Pd-95



MAT 4604

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

46-Pd-95



44

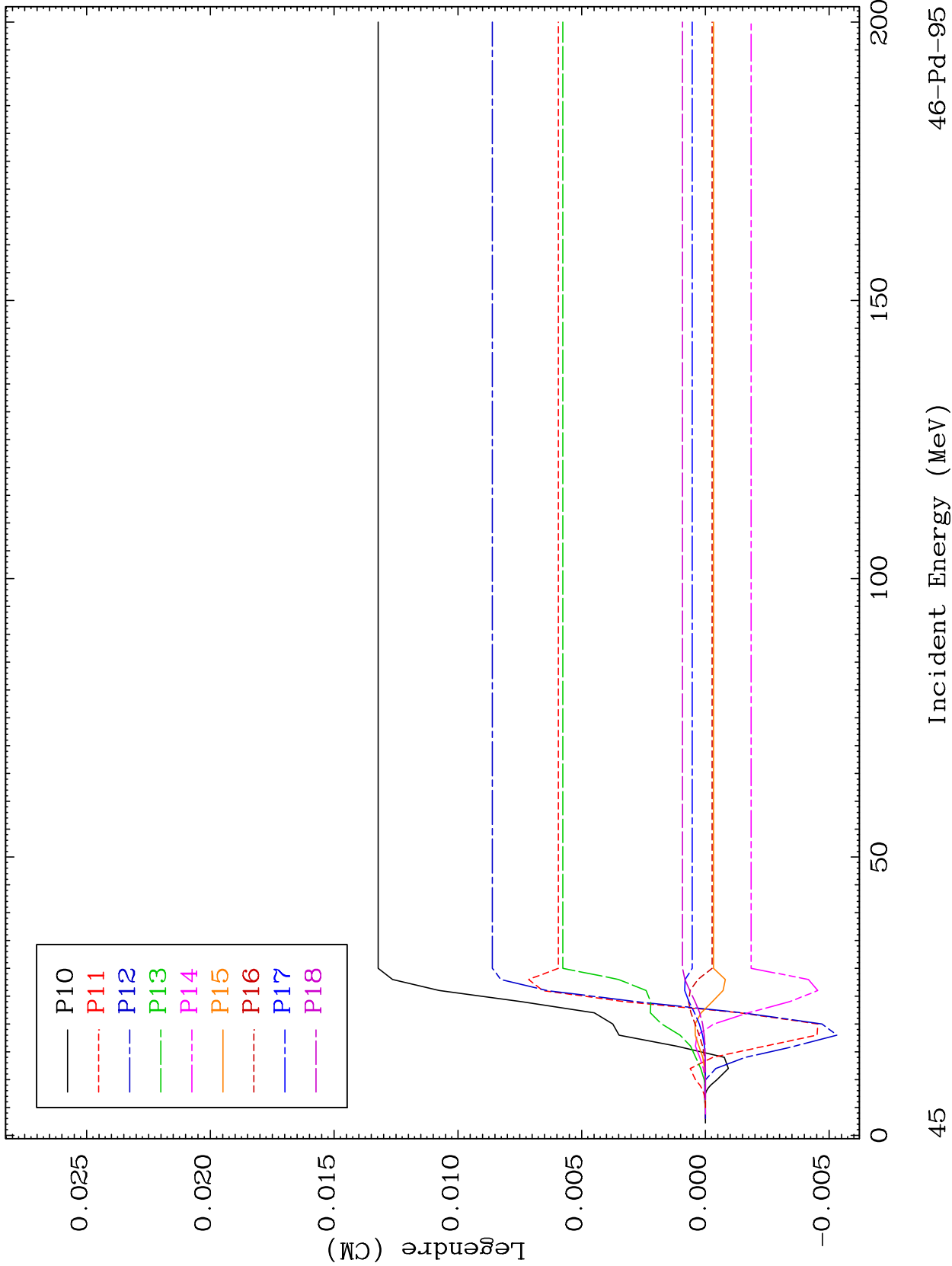
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



45

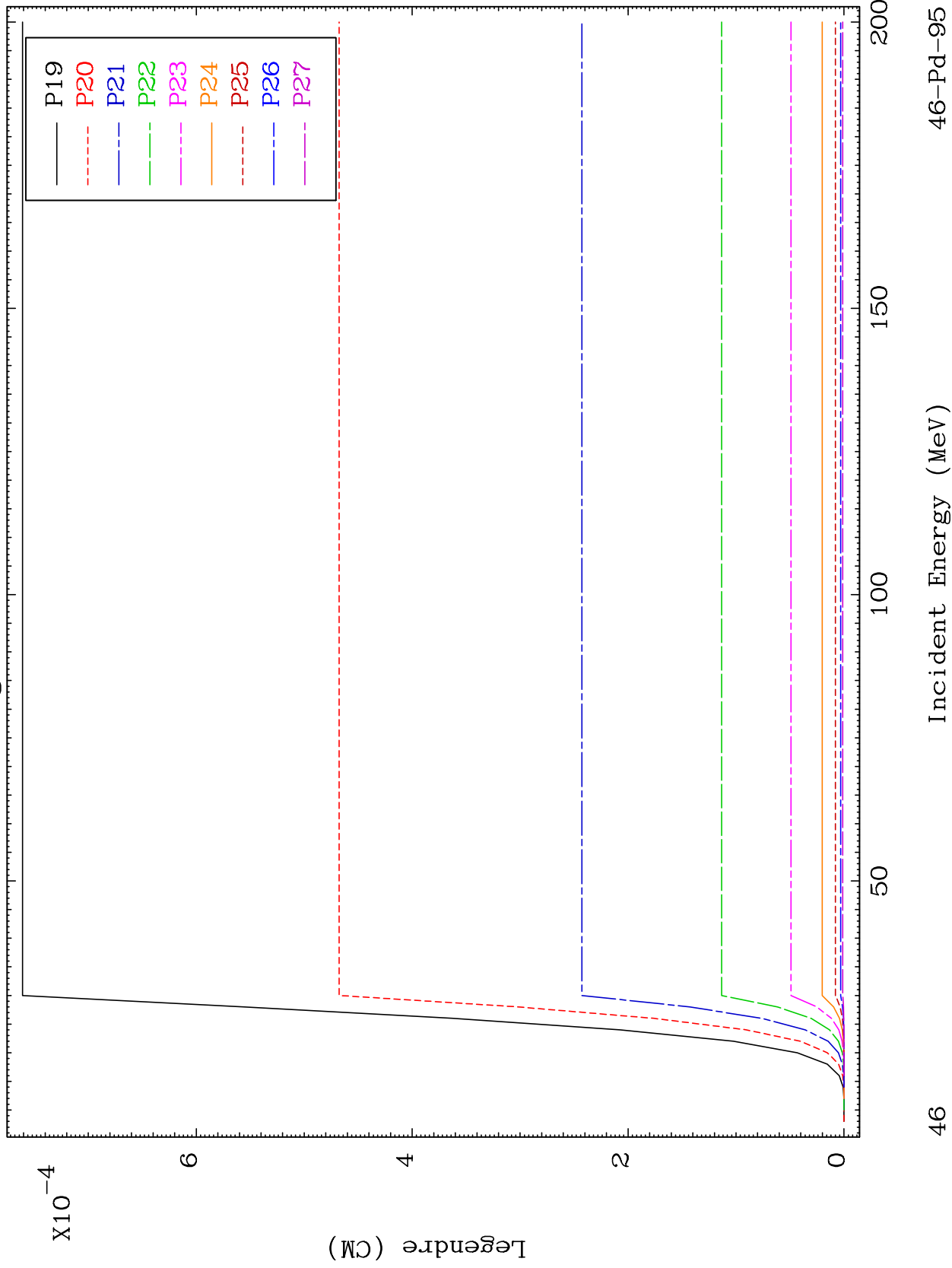
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



46

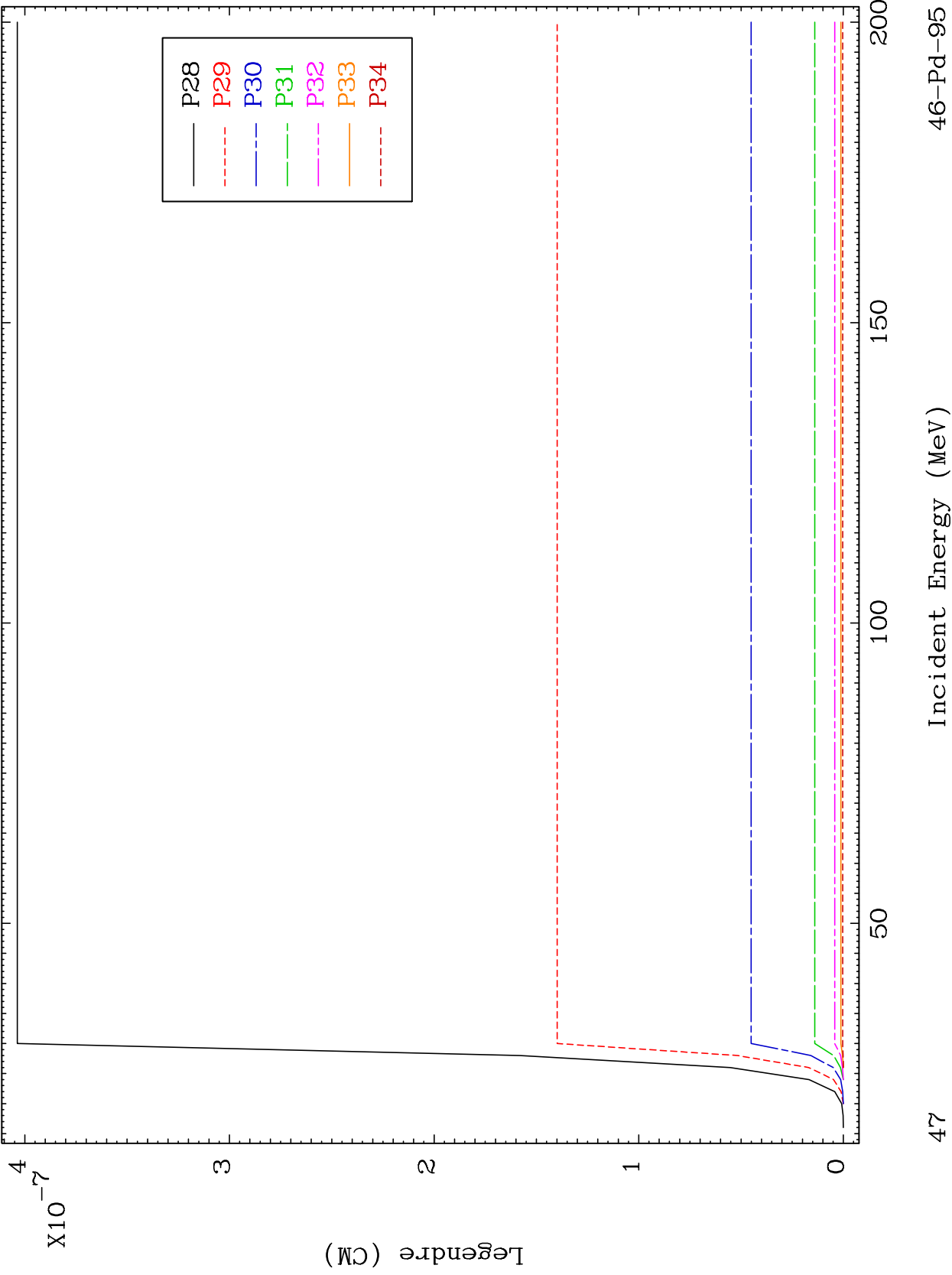
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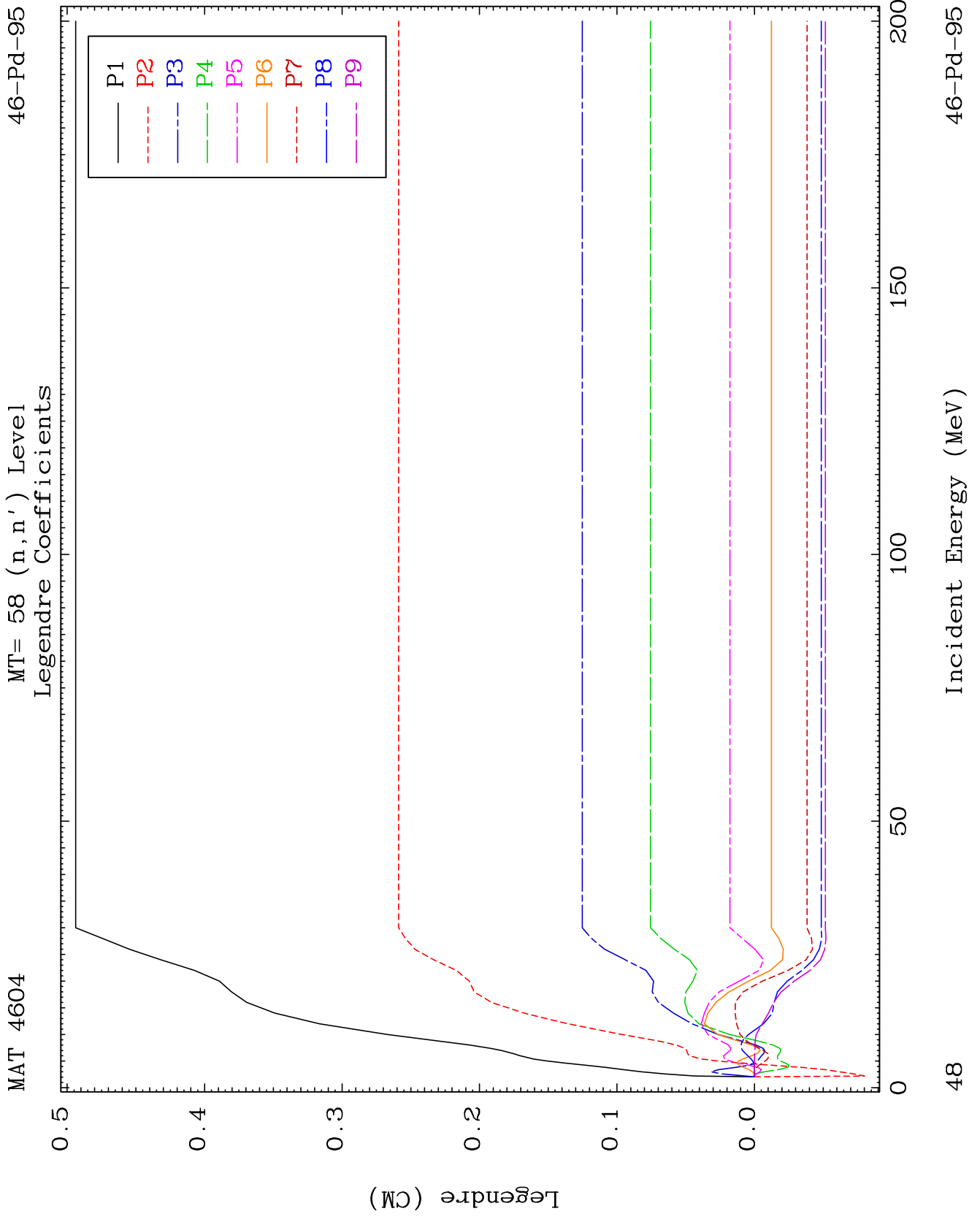
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MAT 4604

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

46-Pd-95

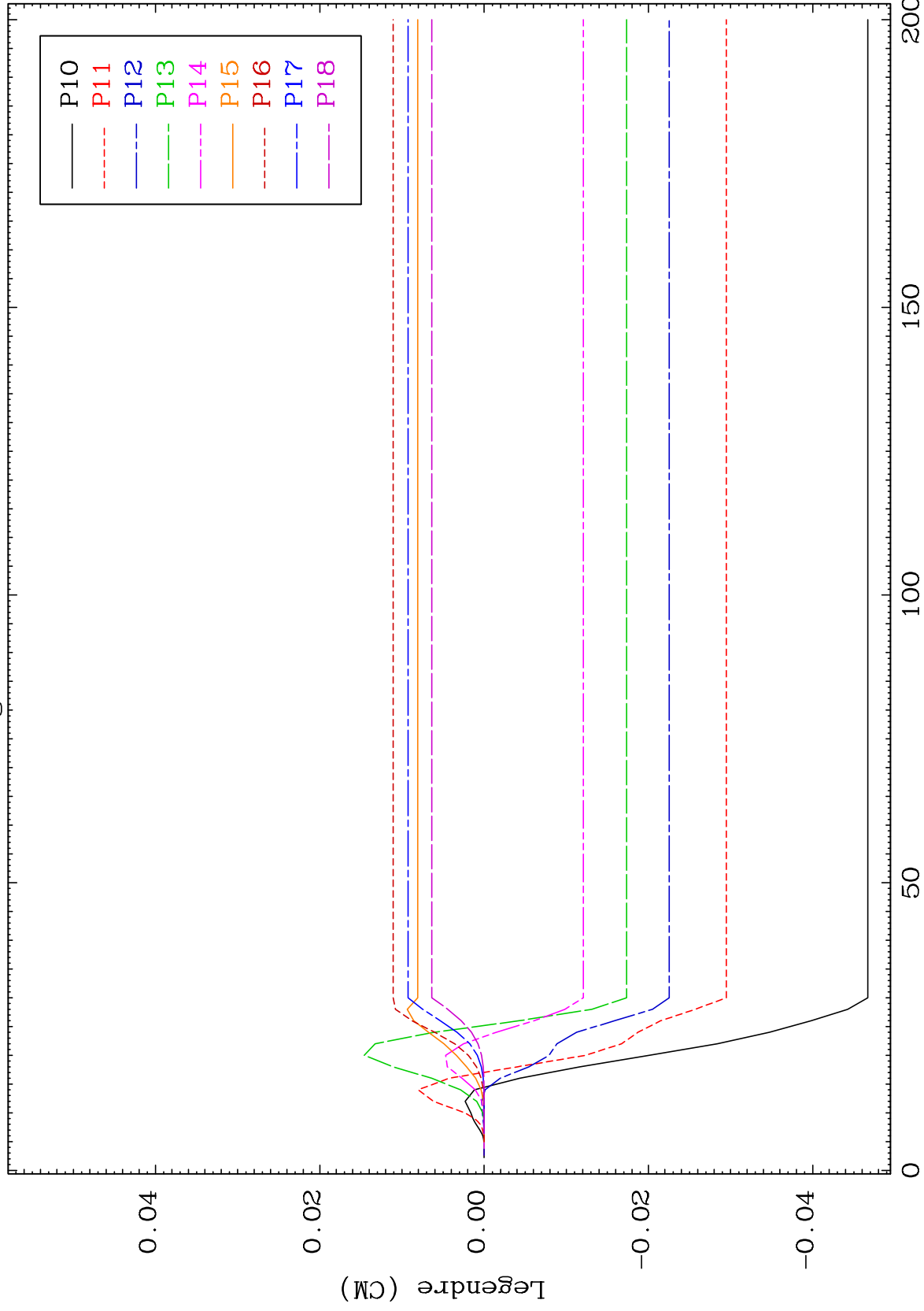




MAT 4604

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

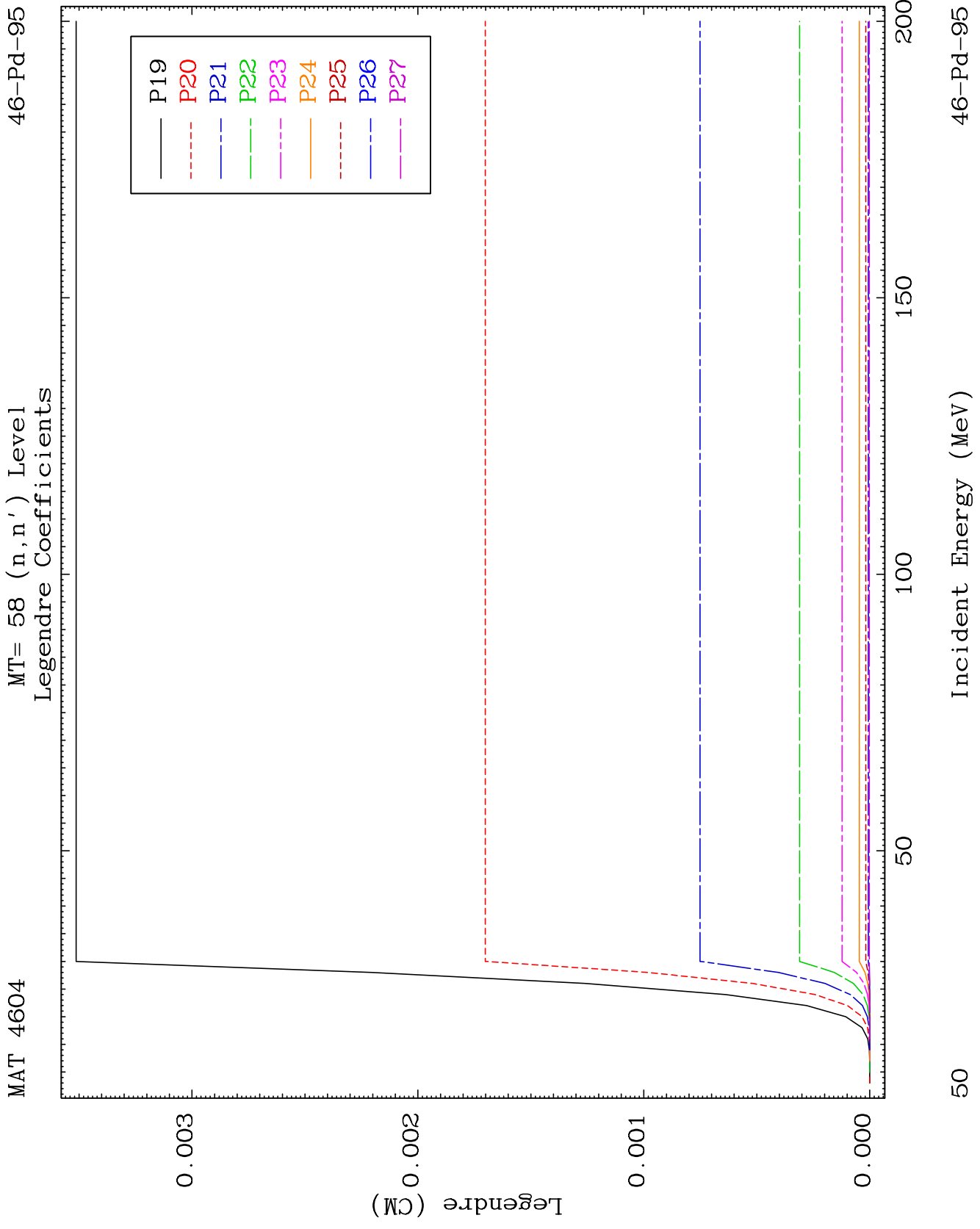
46-Pd-95



49

Incident Energy (MeV)

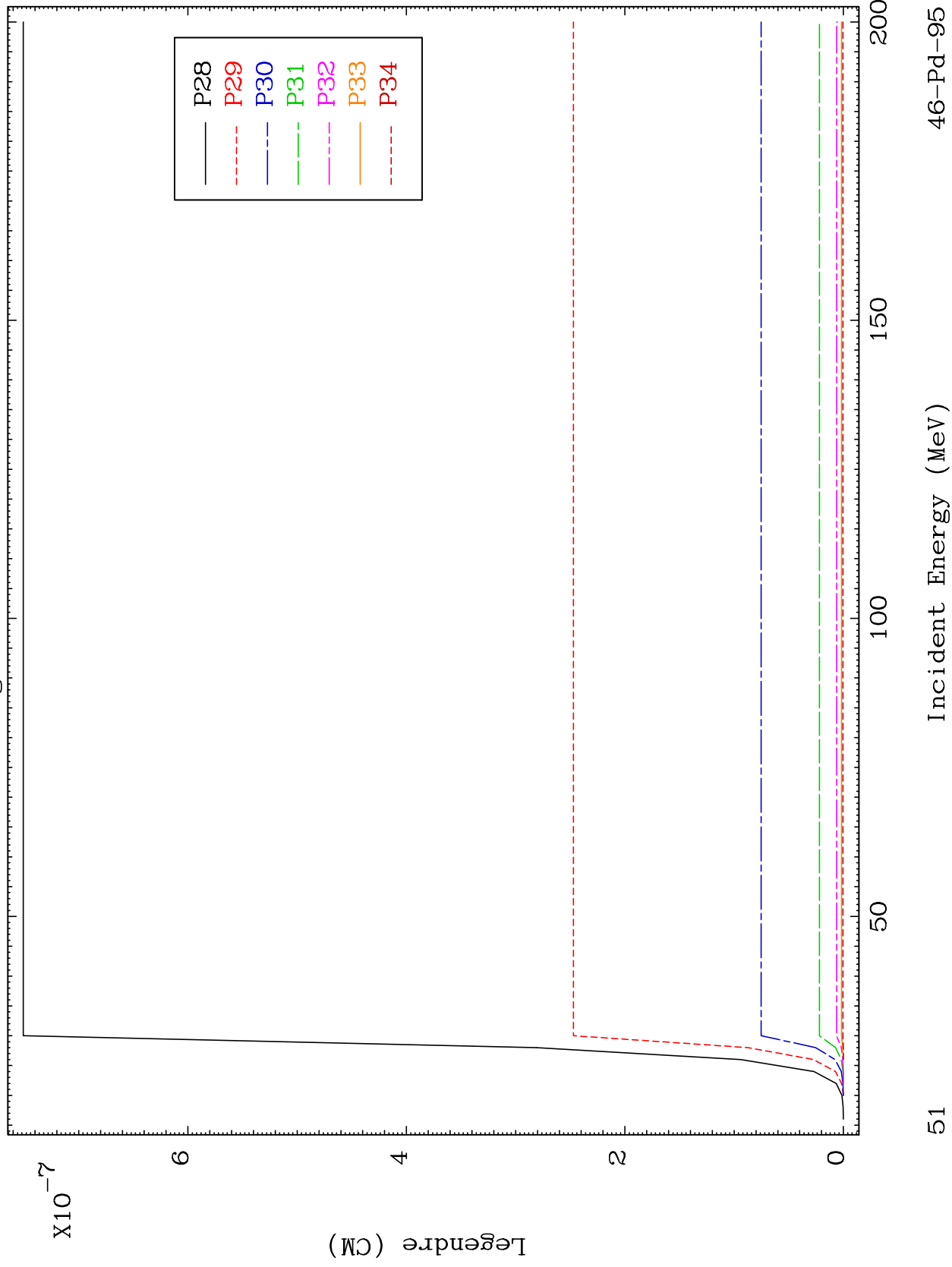
46-Pd-95



MAT 4604

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

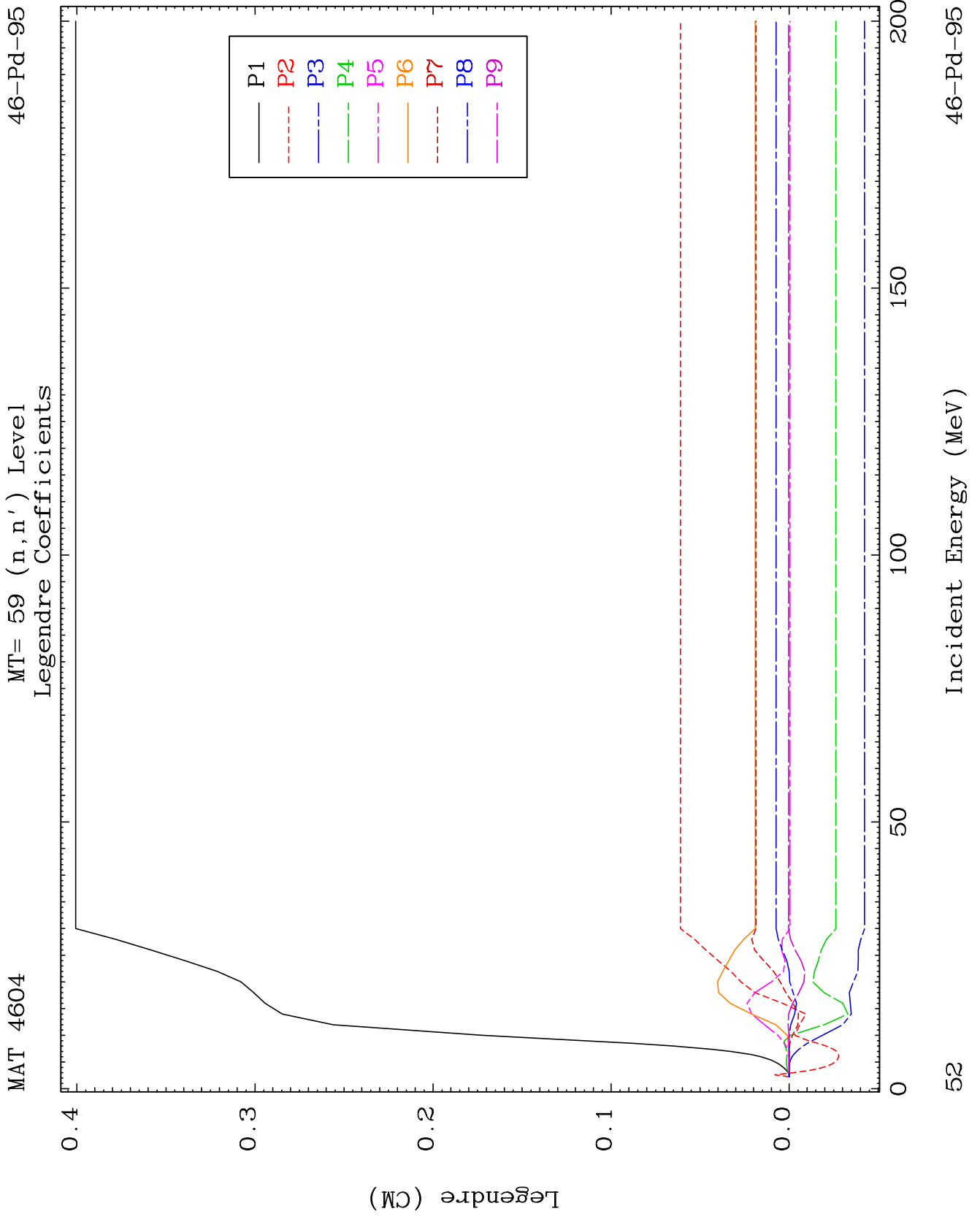
46-Pd-95



51

Incident Energy (MeV)

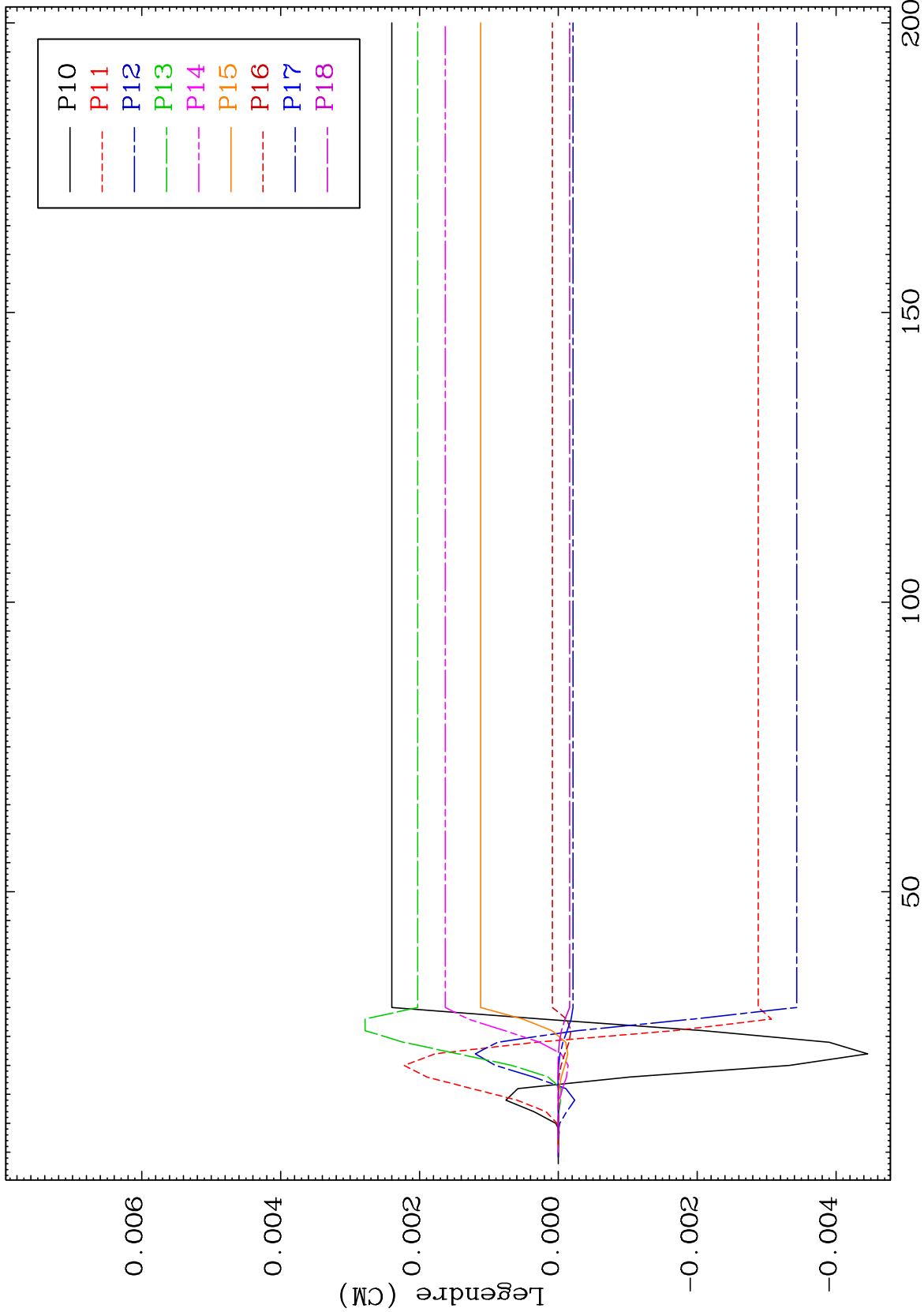
46-Pd-95

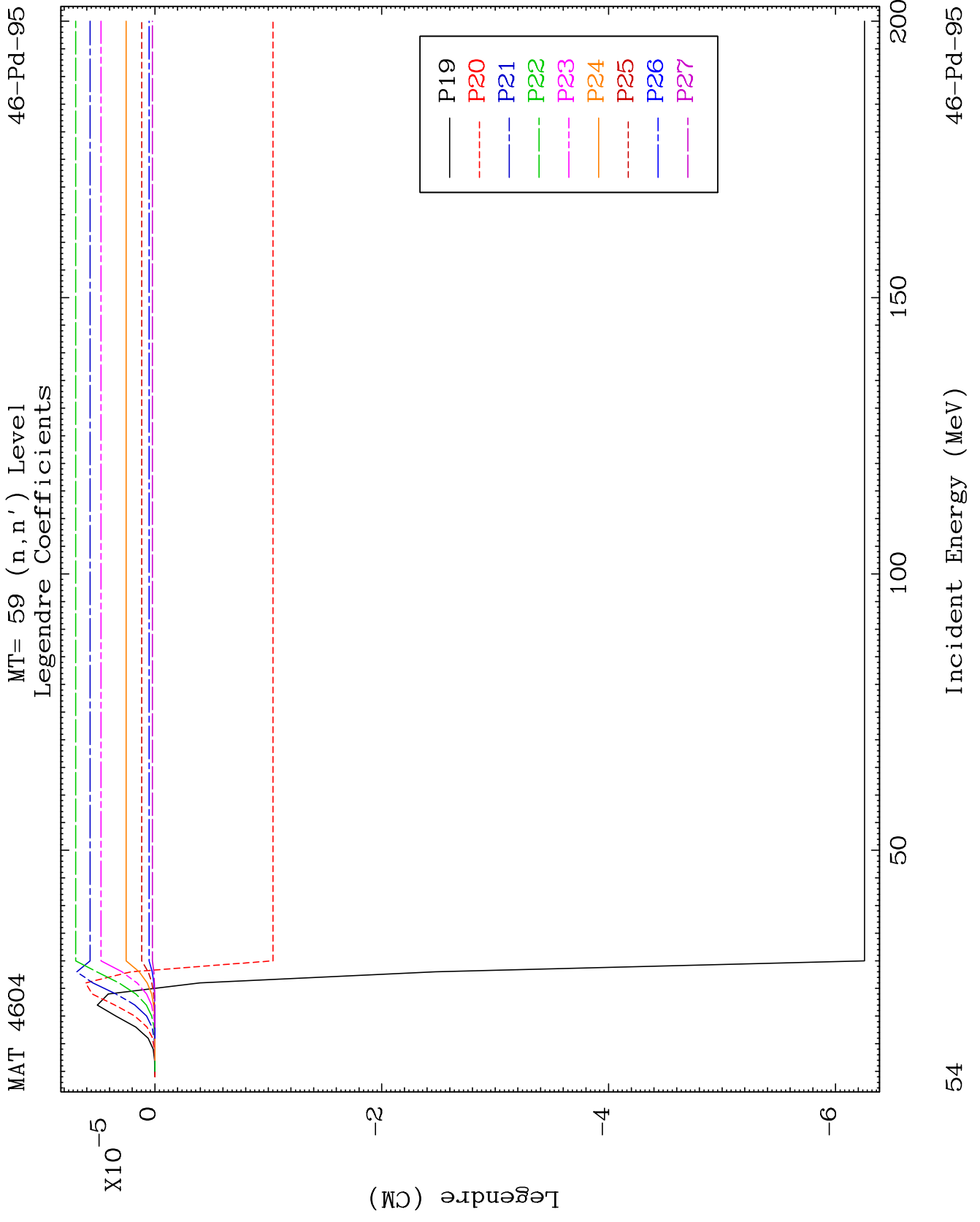


MAT 4604

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

46-Pd-95



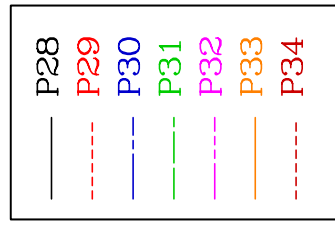


MAT 4604

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

46-Pd-95

$\times 10^{-8}$

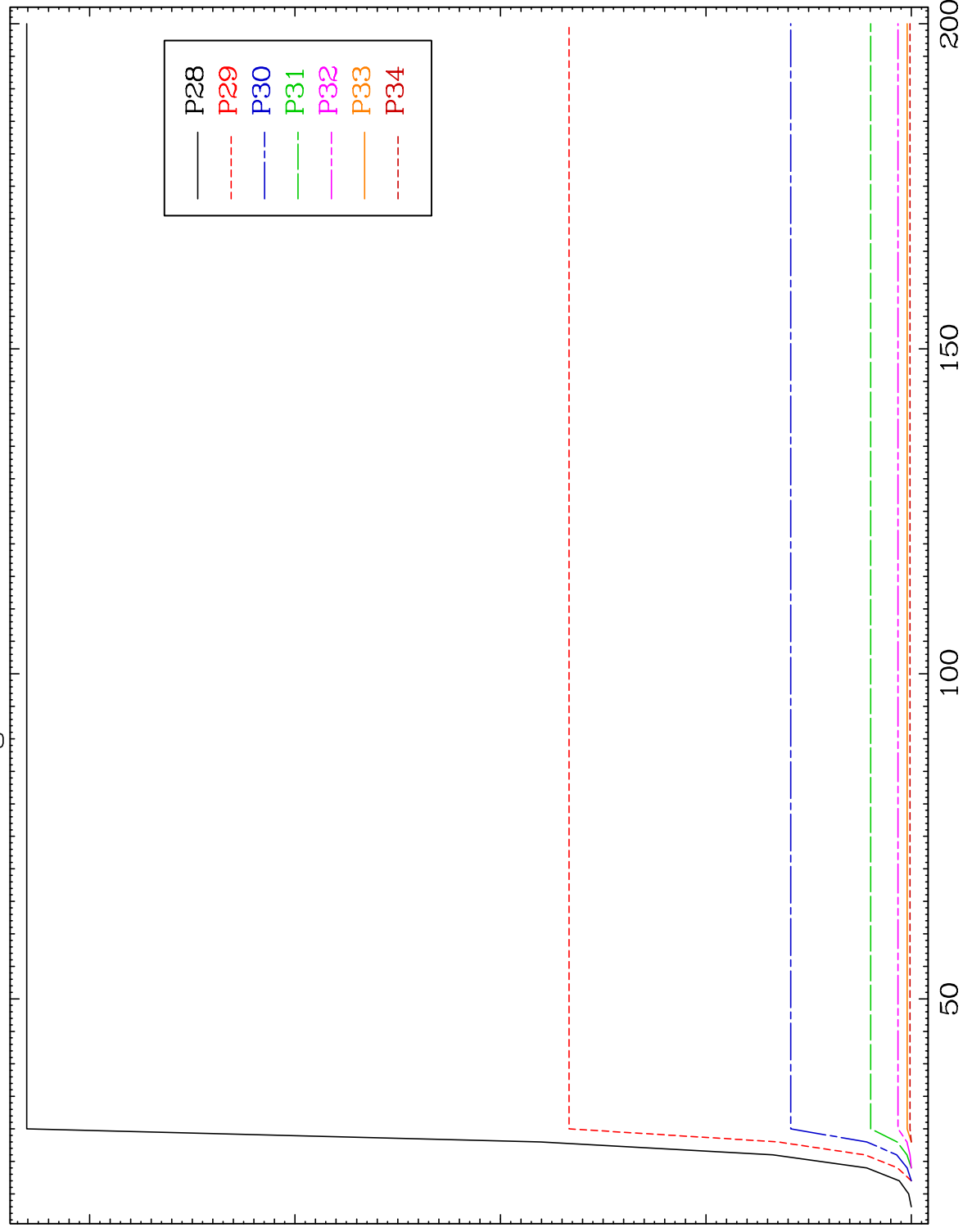


Legendre (CM)

55

Incident Energy (MeV)

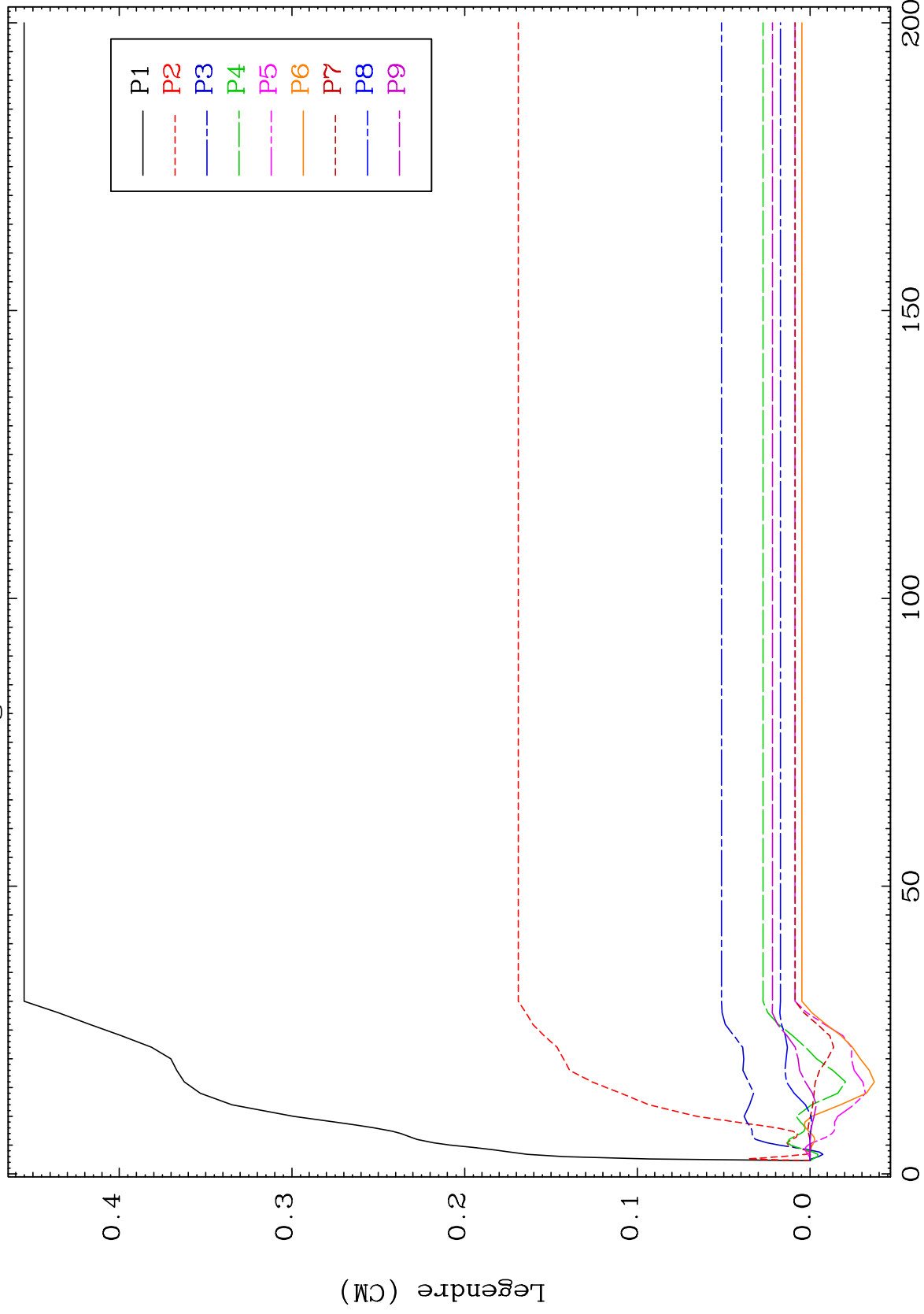
46-Pd-95



MAT 4604

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

46-Pd-95



56

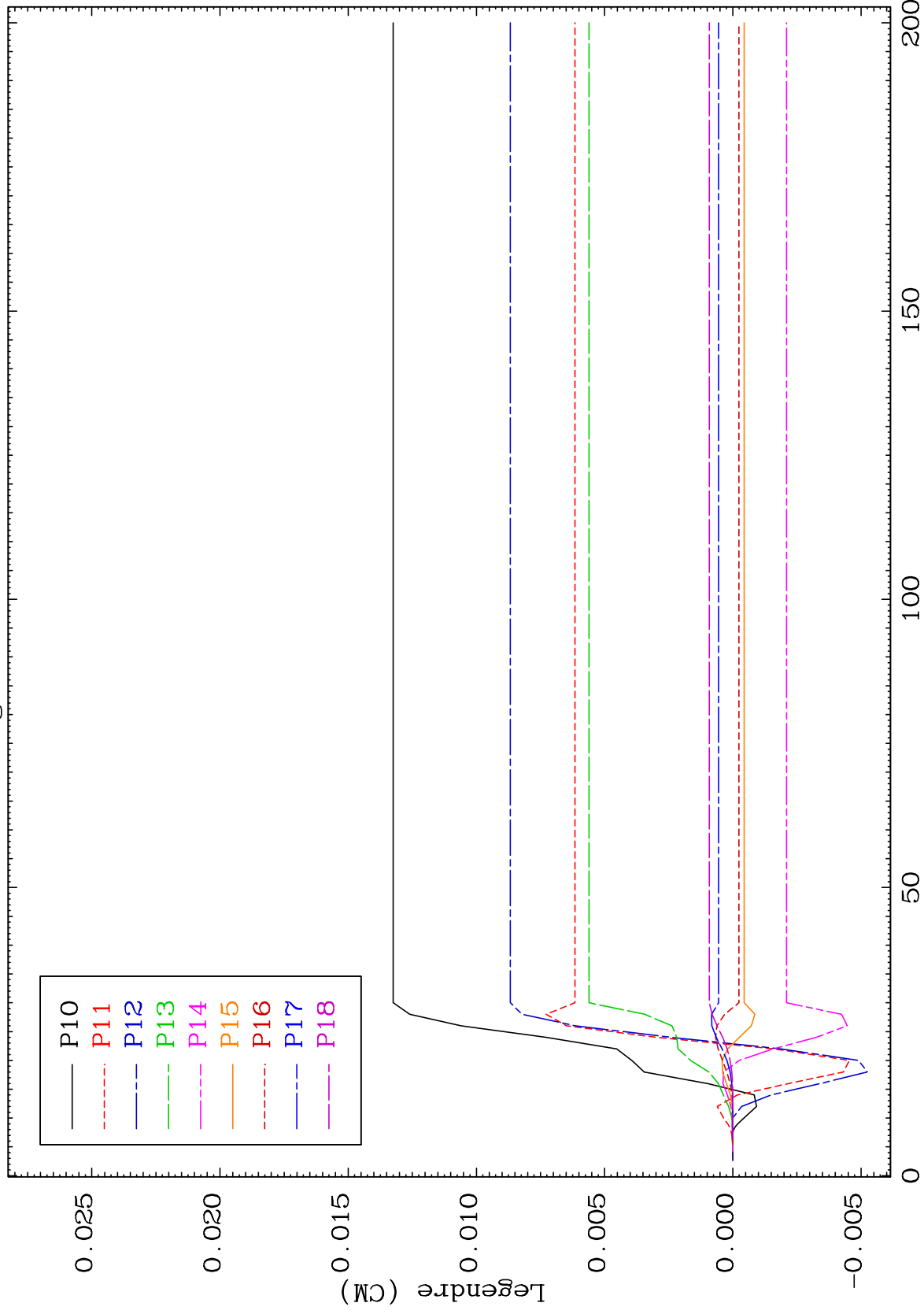
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



57

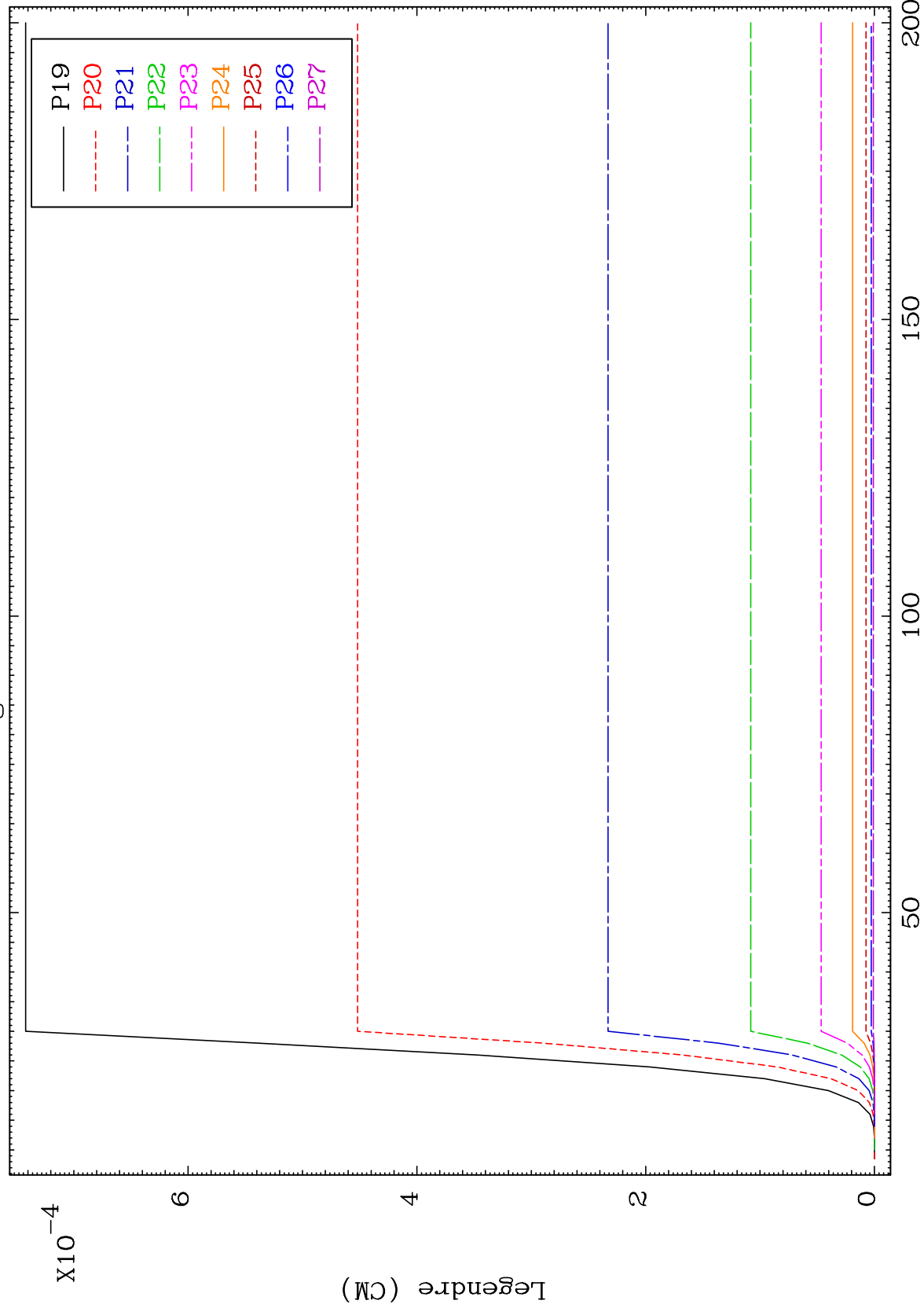
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



58

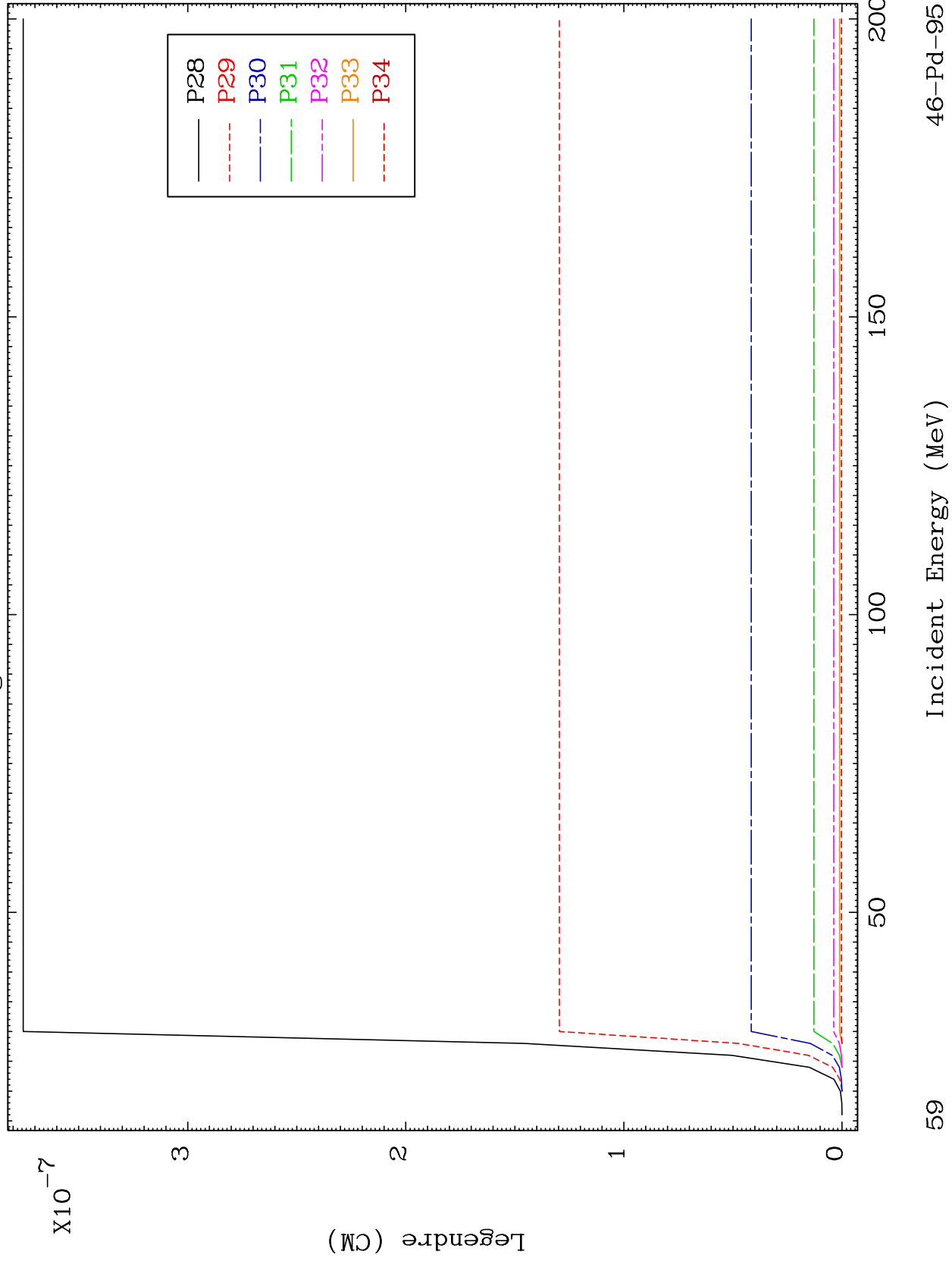
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95

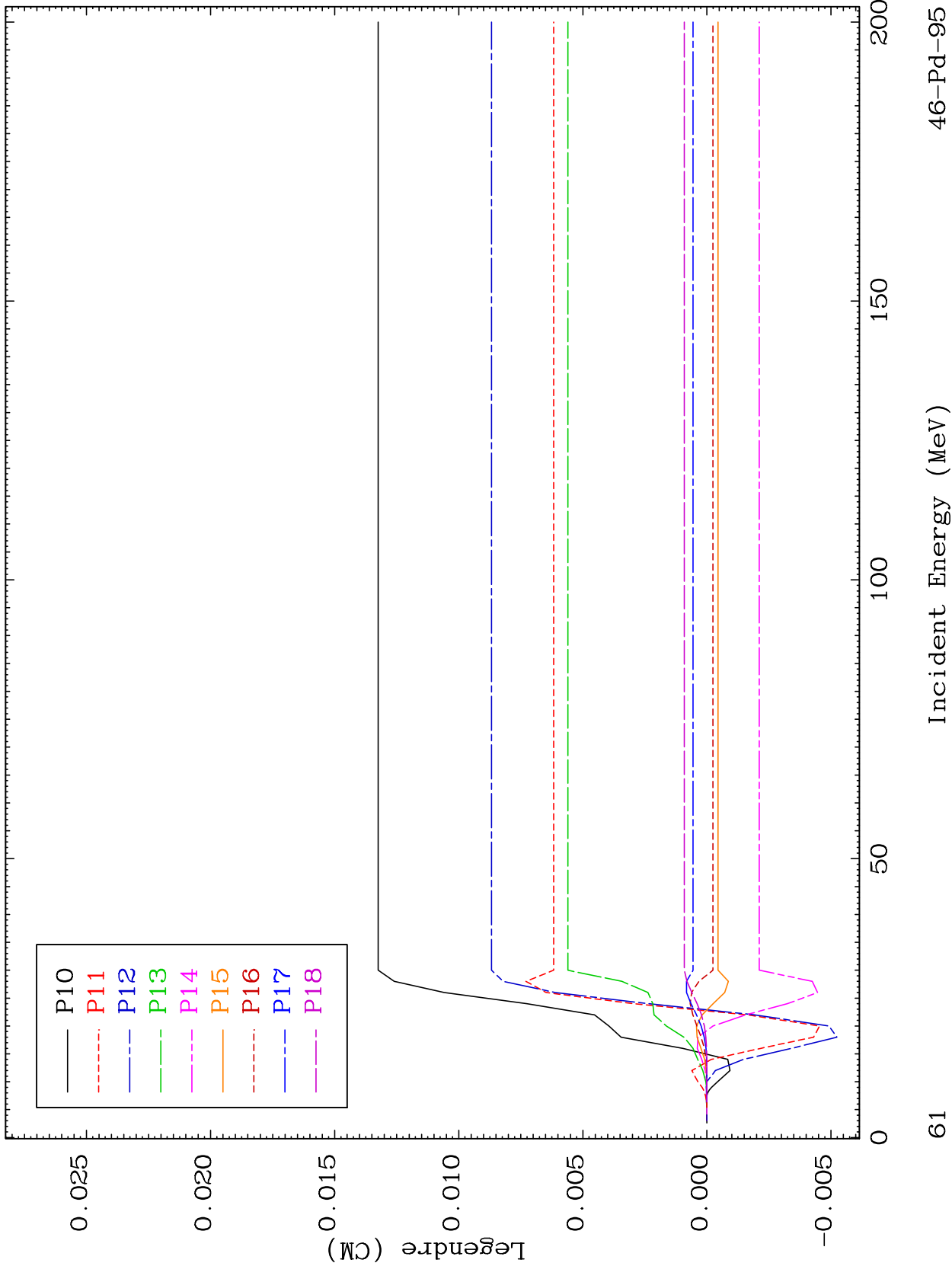


59

MAT 4604

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

46-Pd-95



61

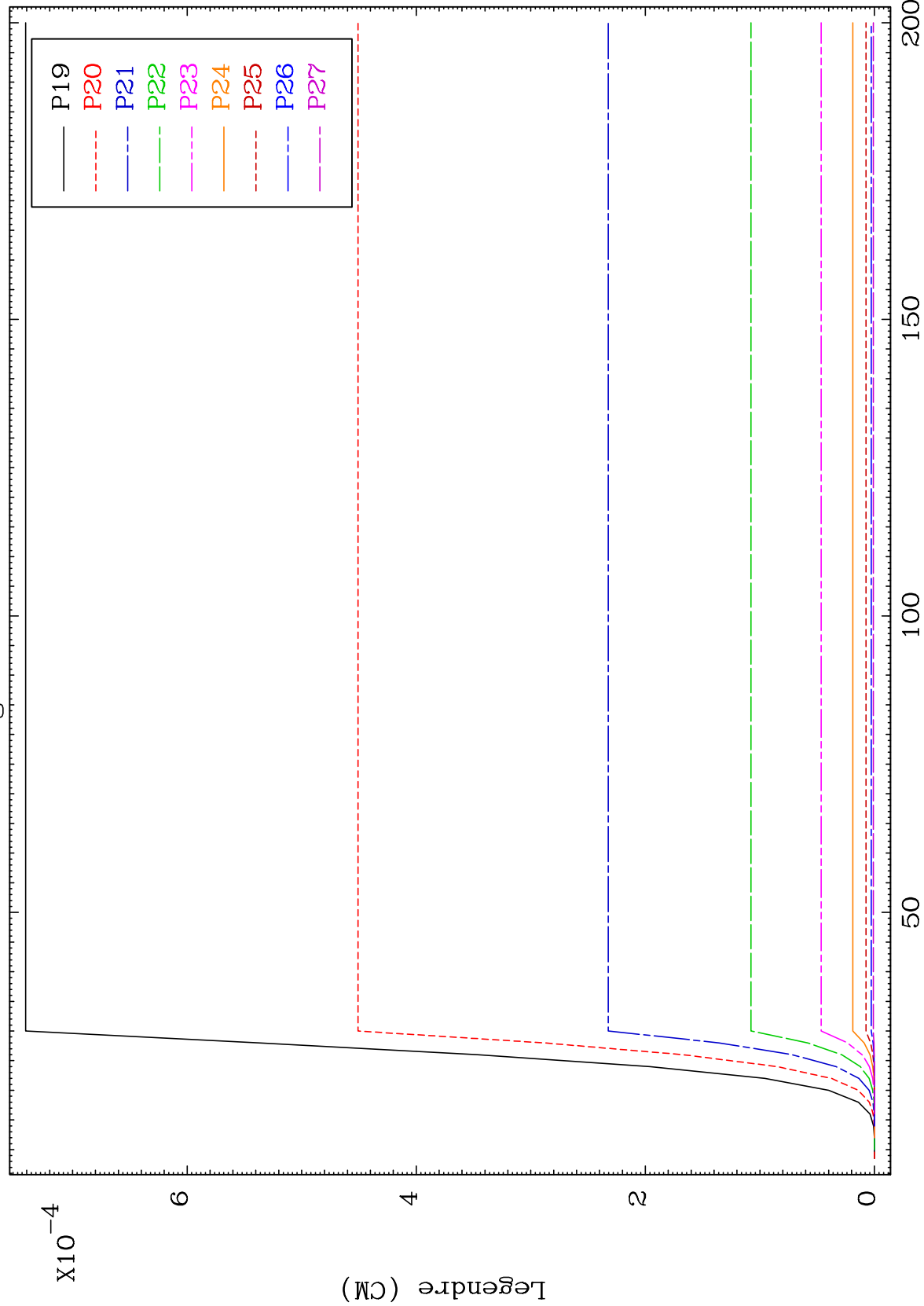
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



46-Pd-95

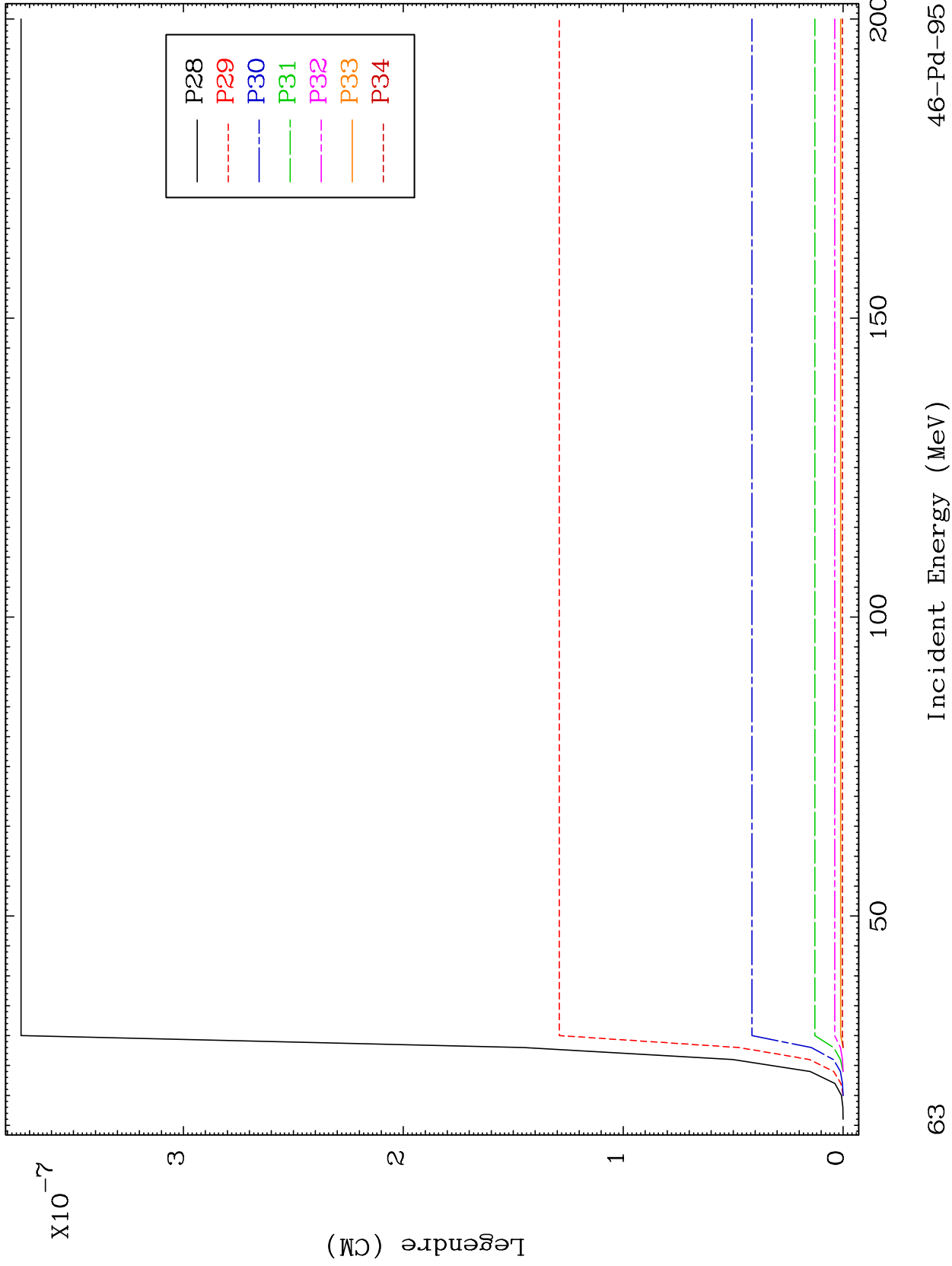
Incident Energy (MeV)

62

MAT 4604

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

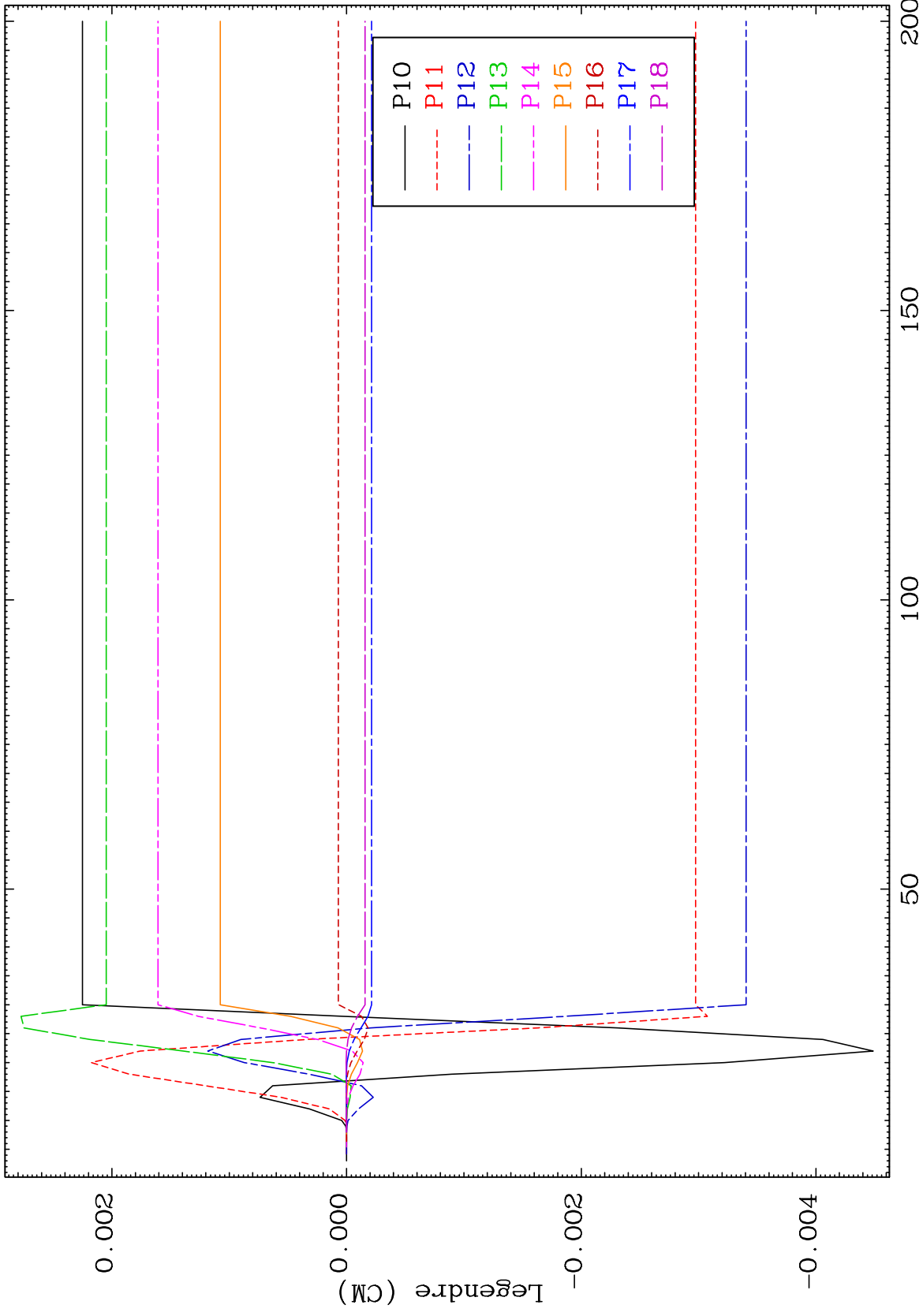
46-Pd-95



MAT 4604

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

46-Pd-95



65

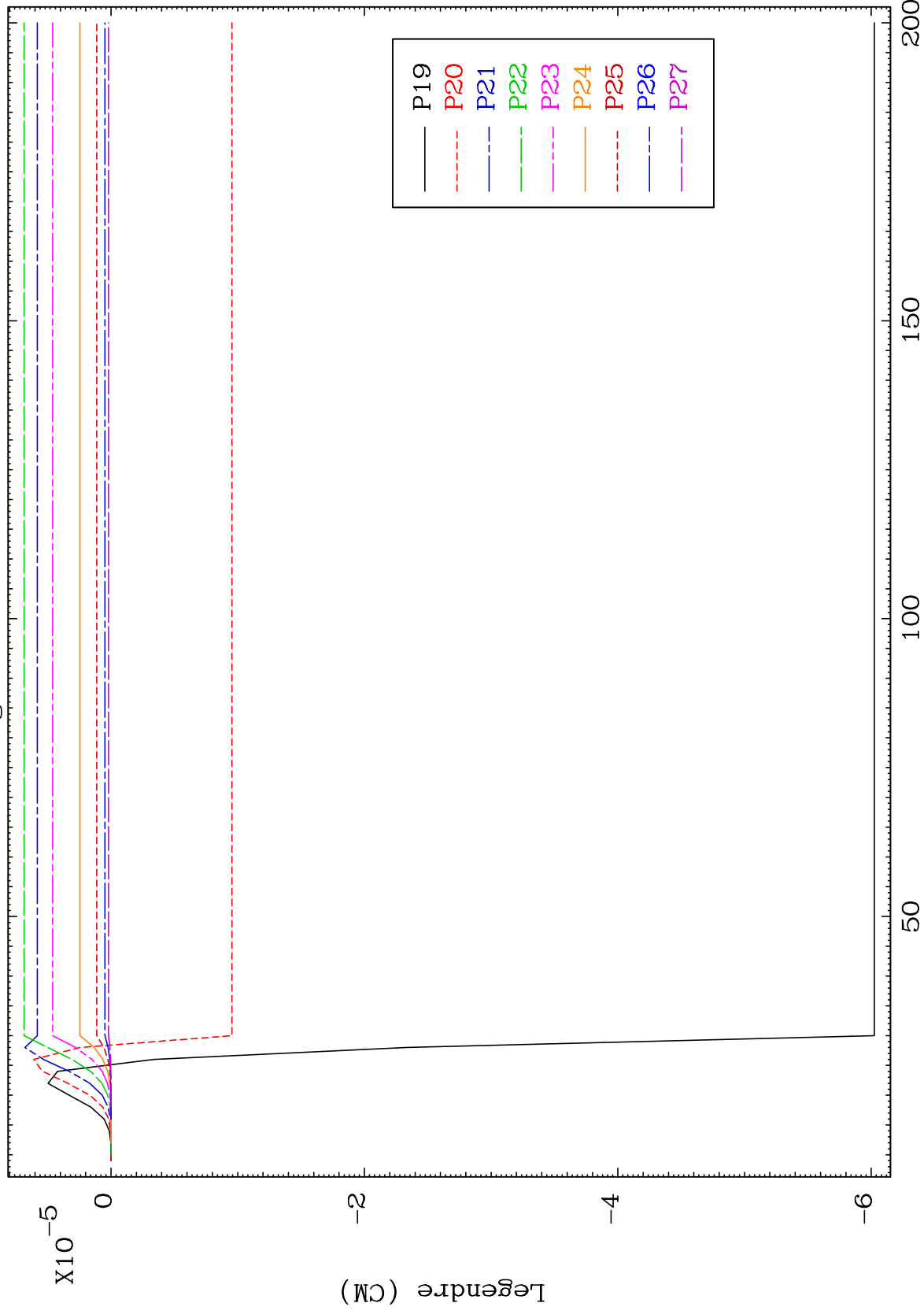
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



66

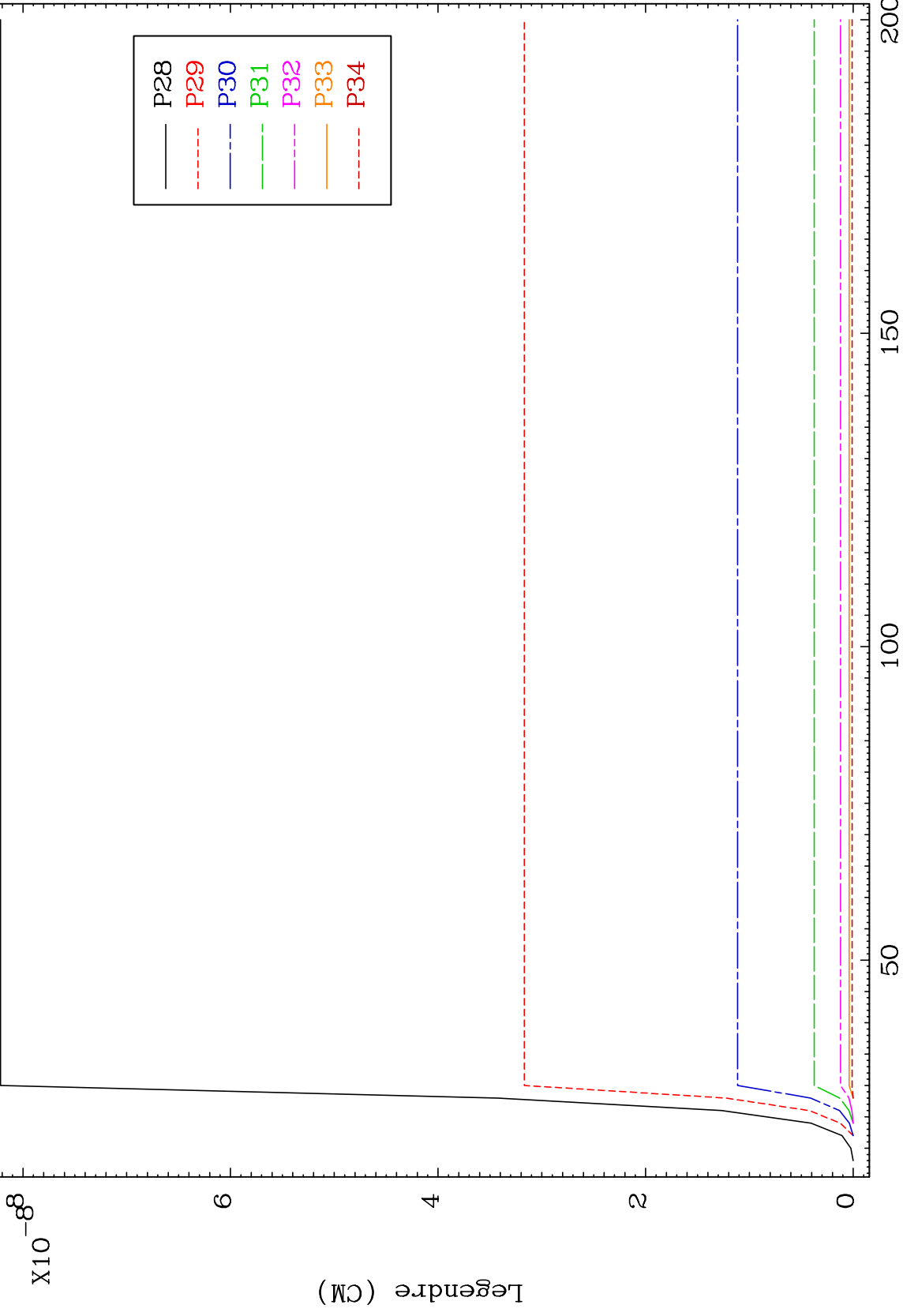
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



67

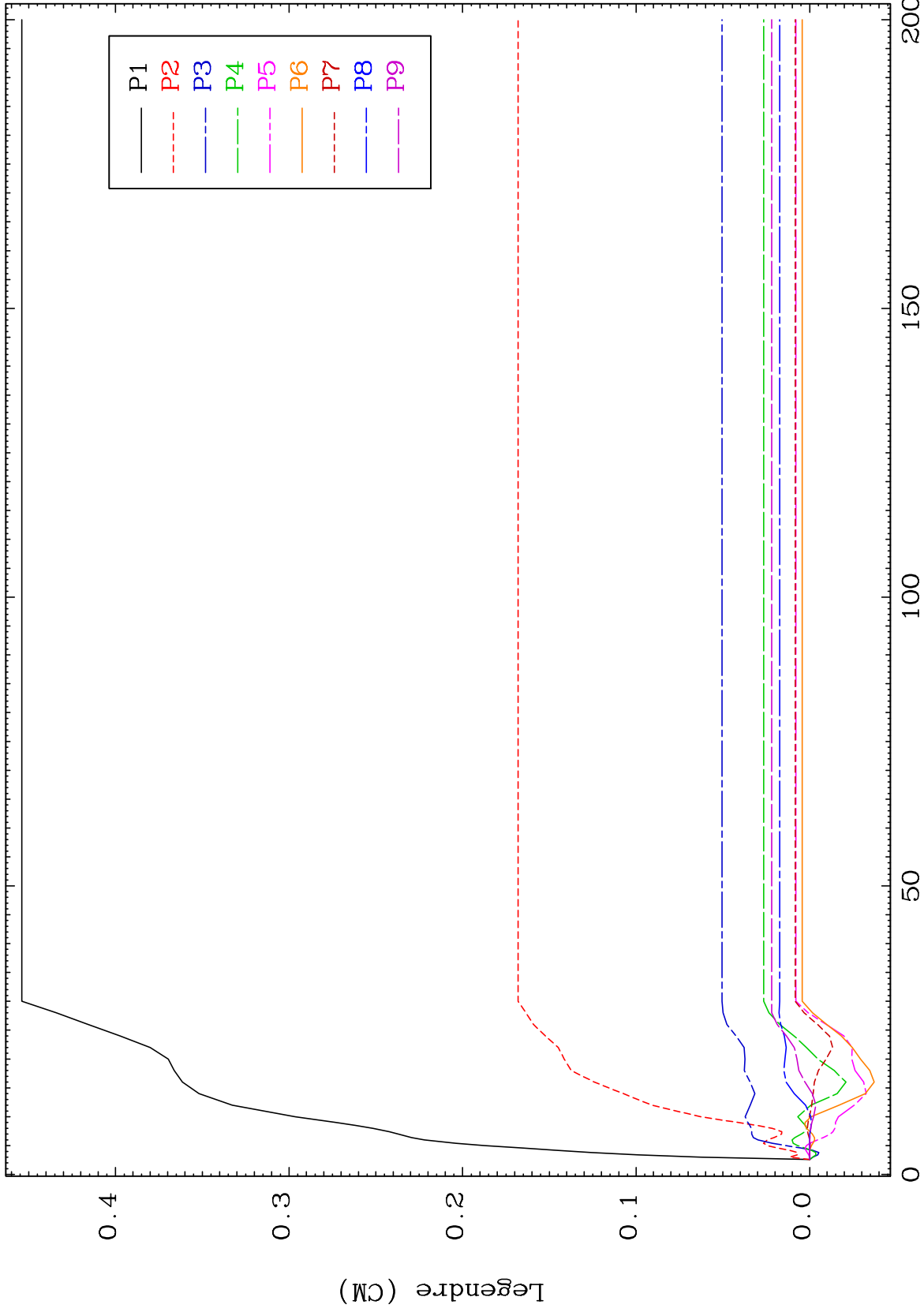
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



68

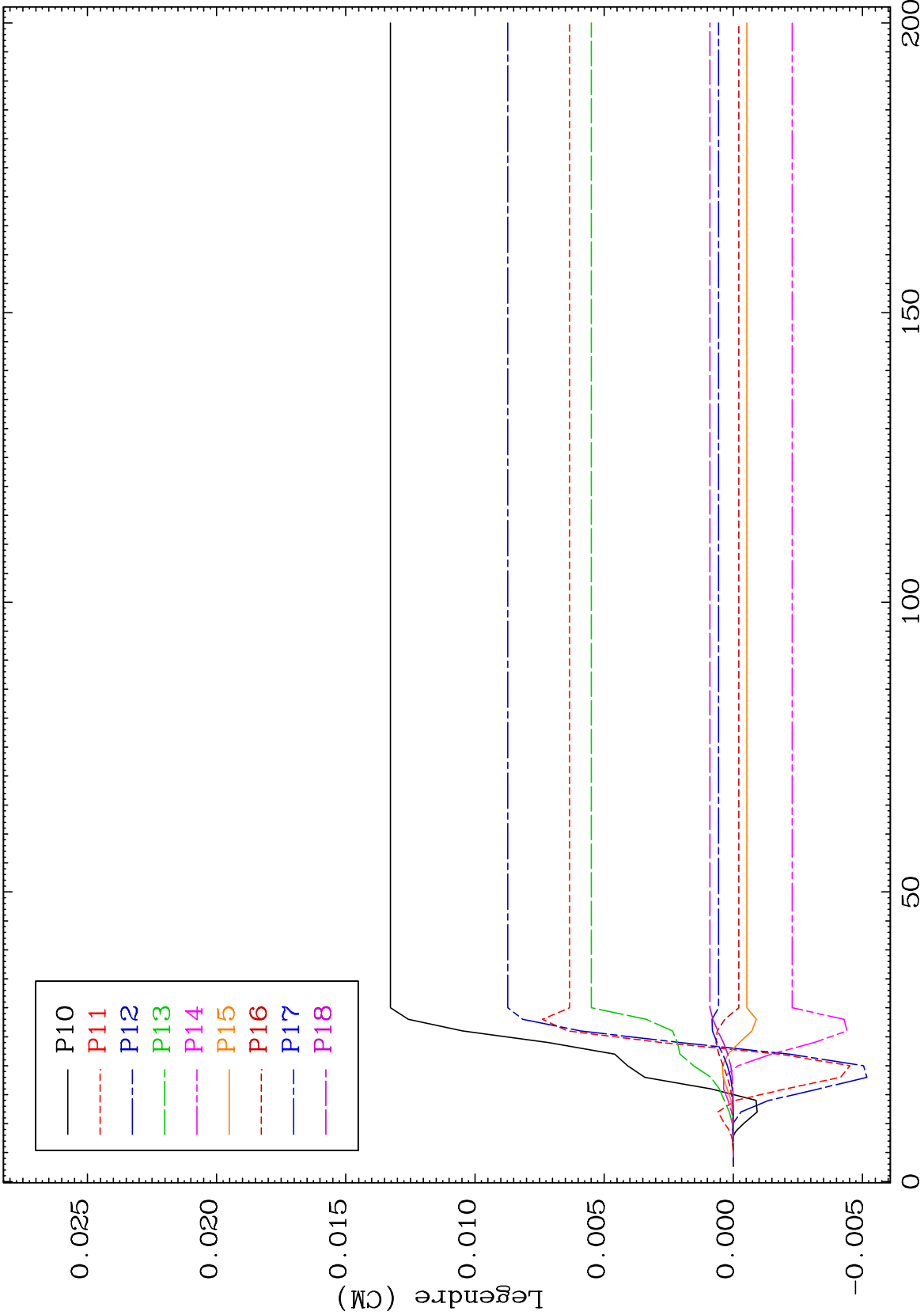
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



69

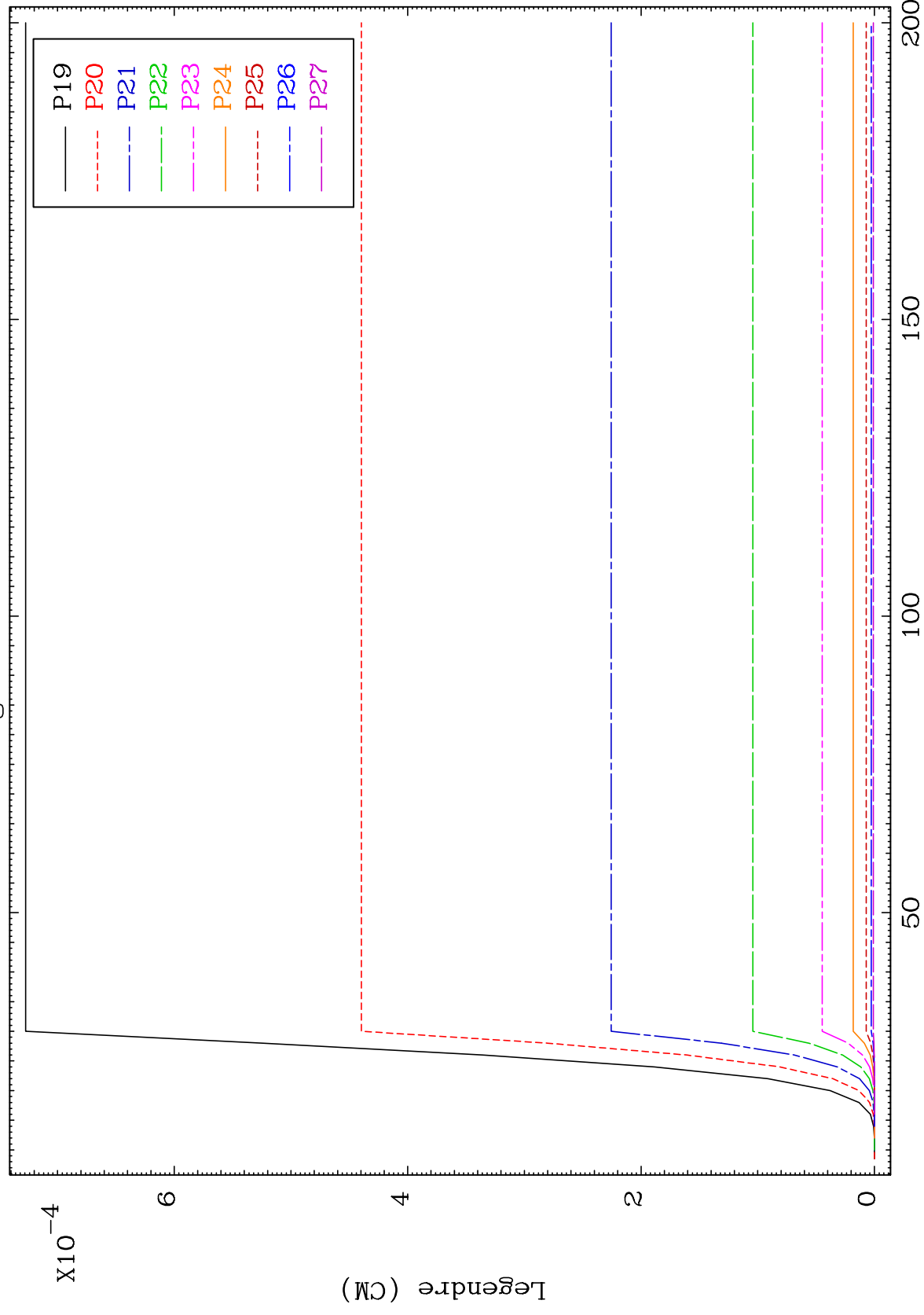
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



70

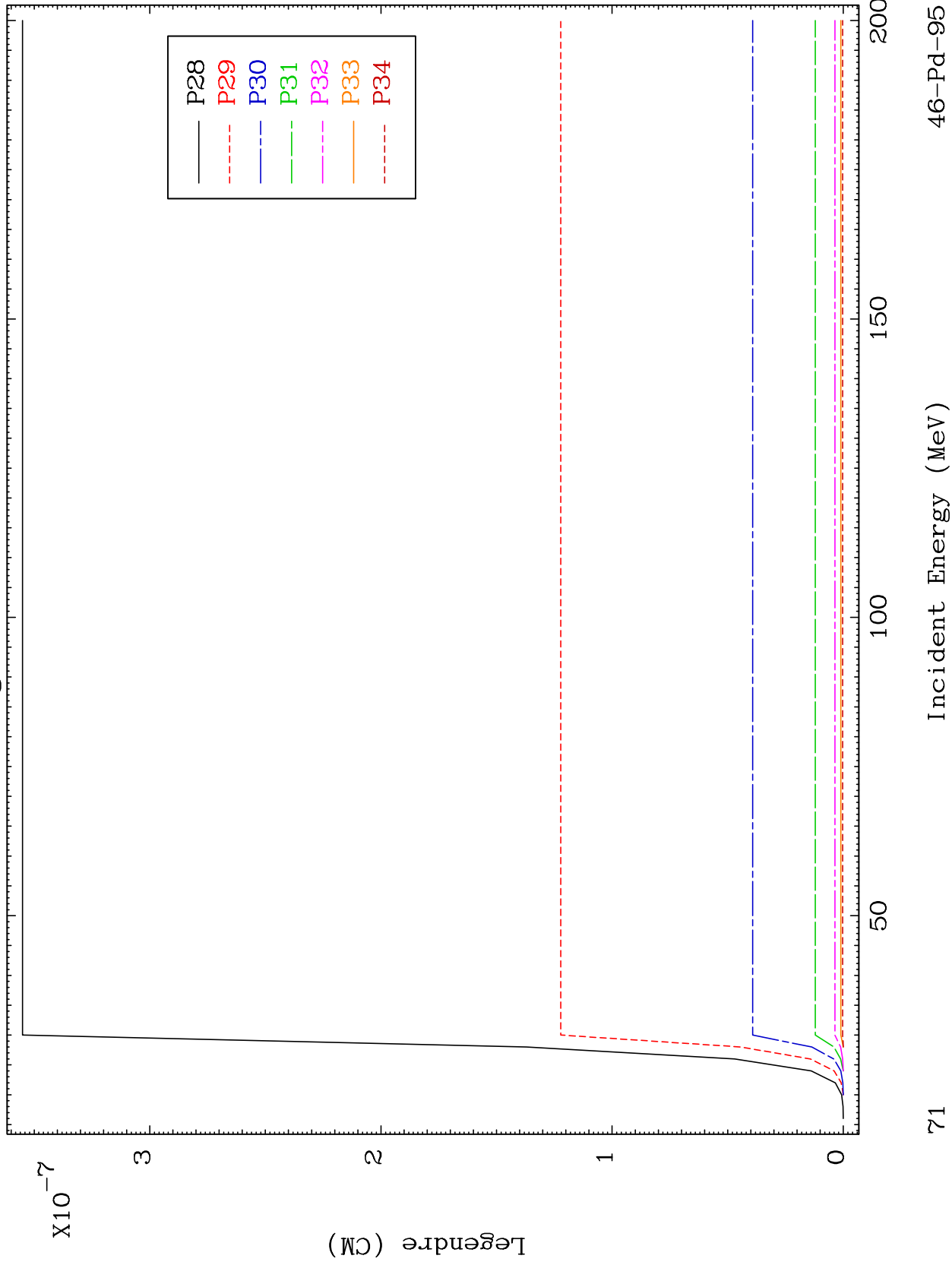
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

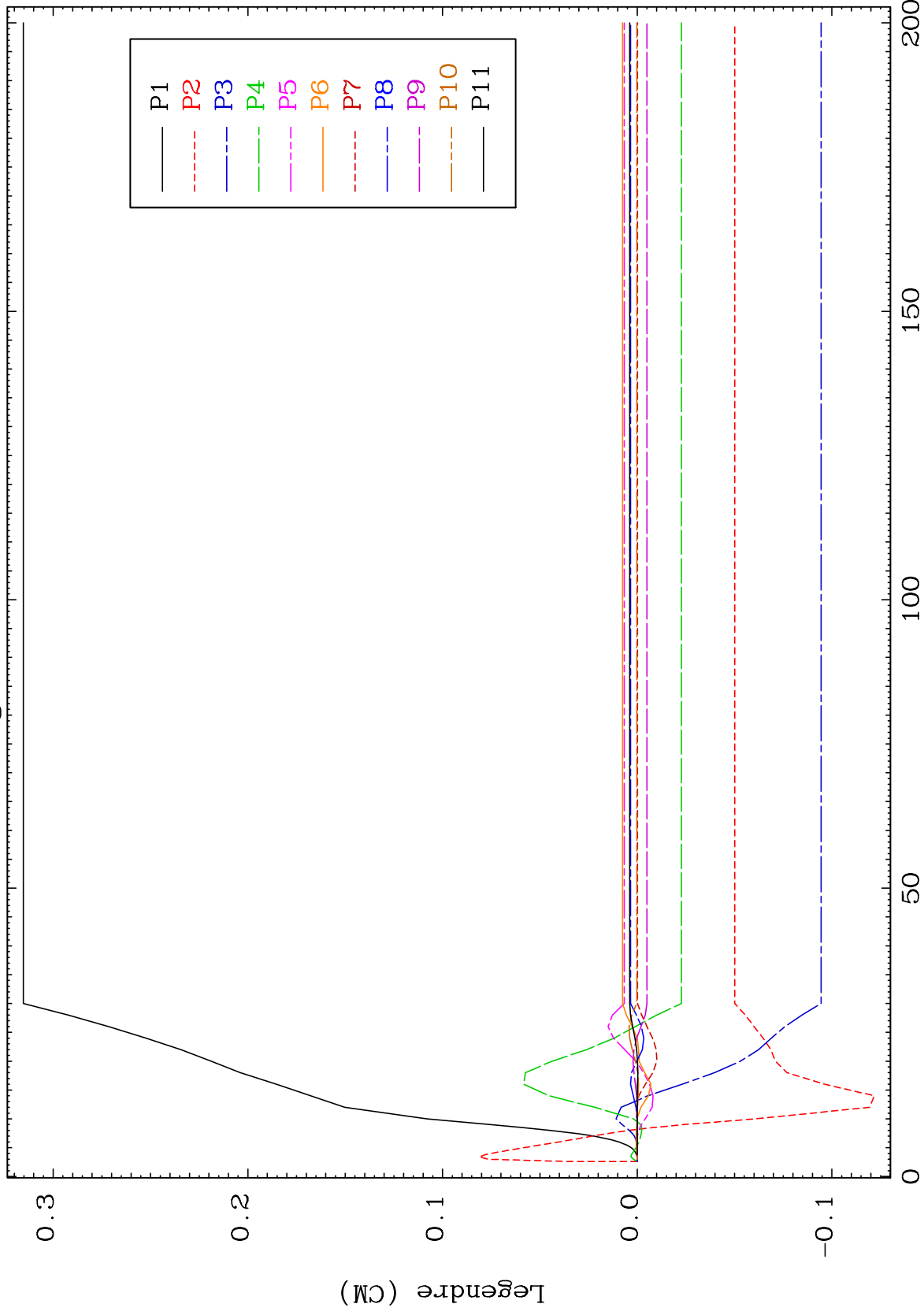
46-Pd-95



MAT 4604

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

46-Pd-95



72

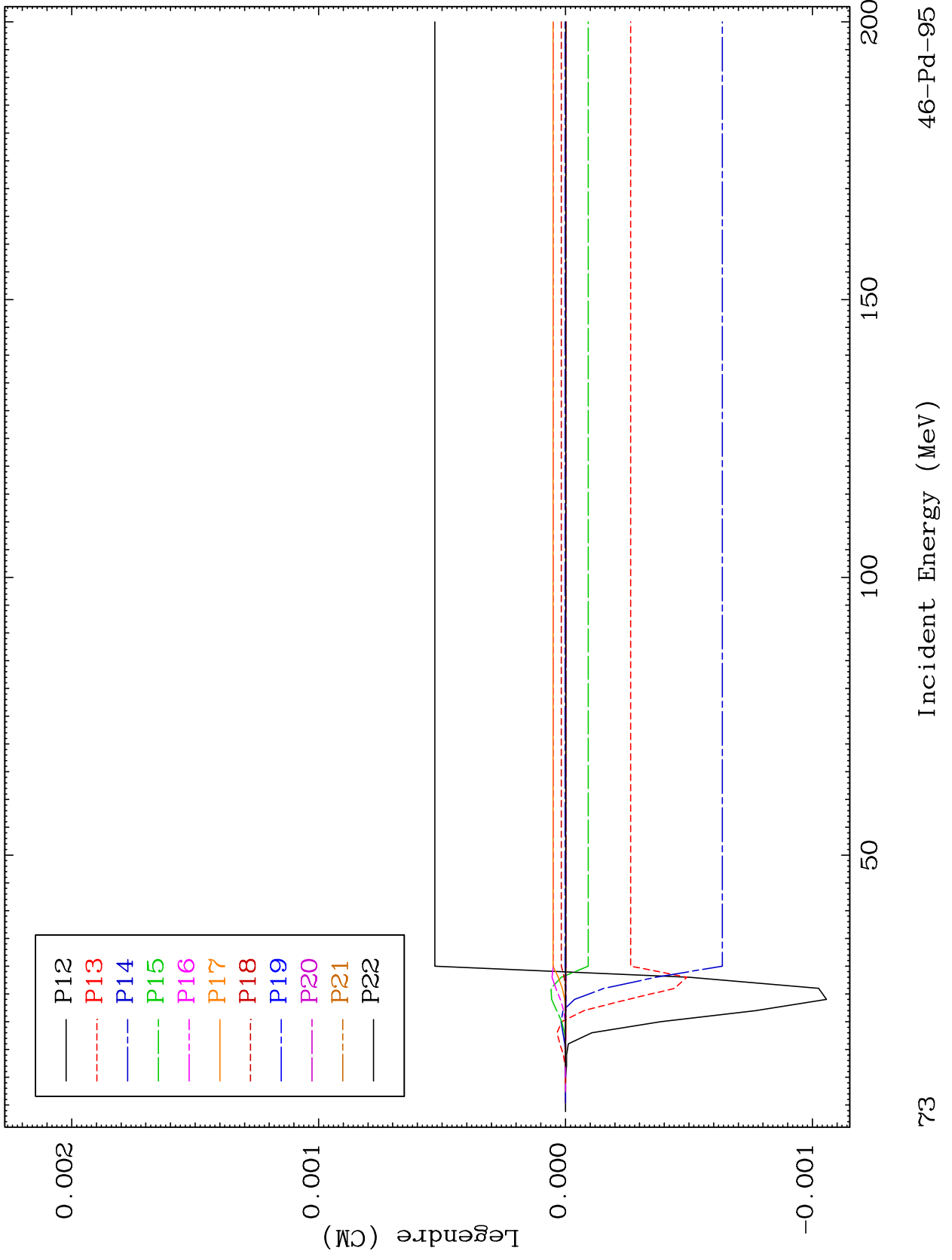
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

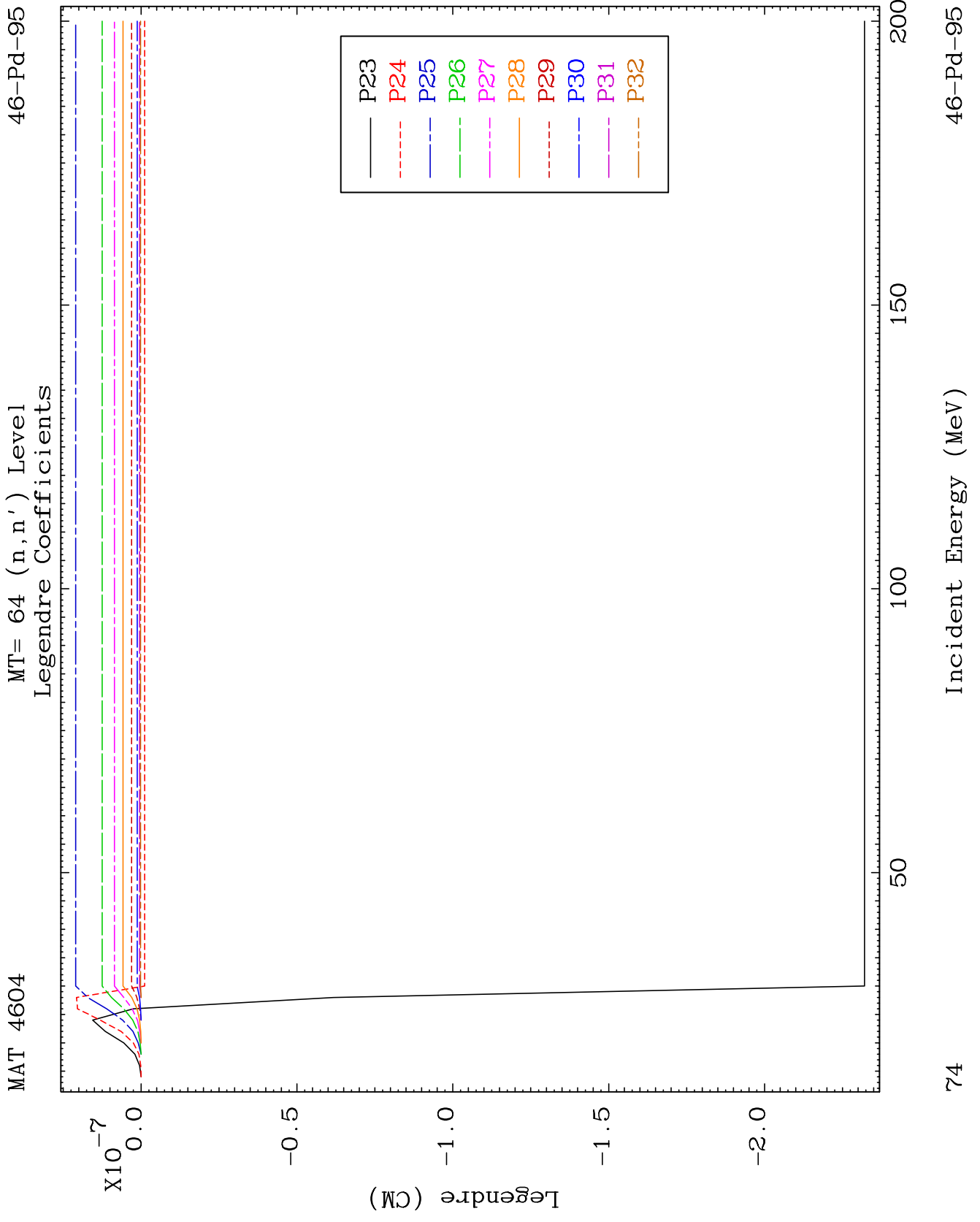
46-Pd-95

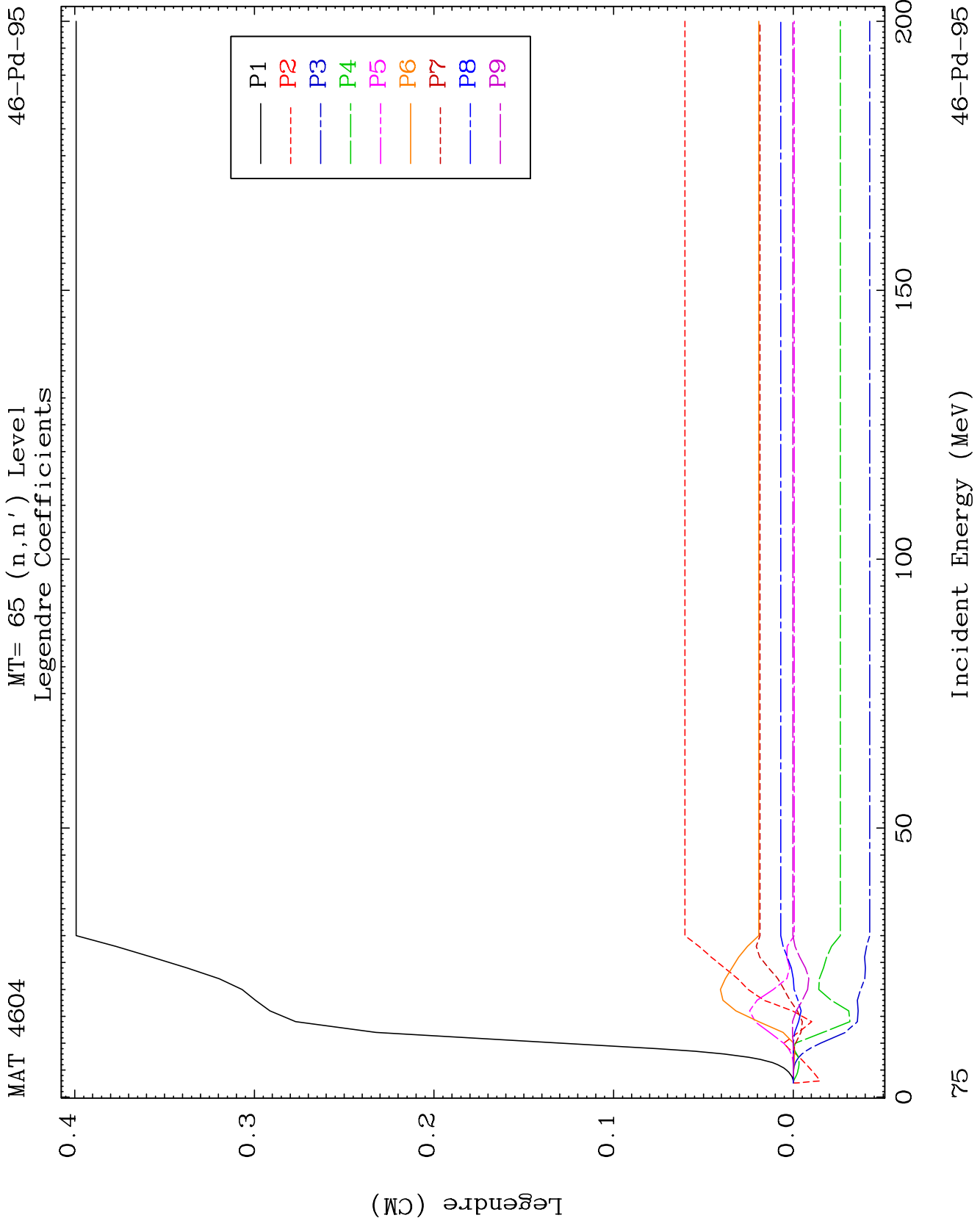


73

Incident Energy (MeV)

46-Pd-95

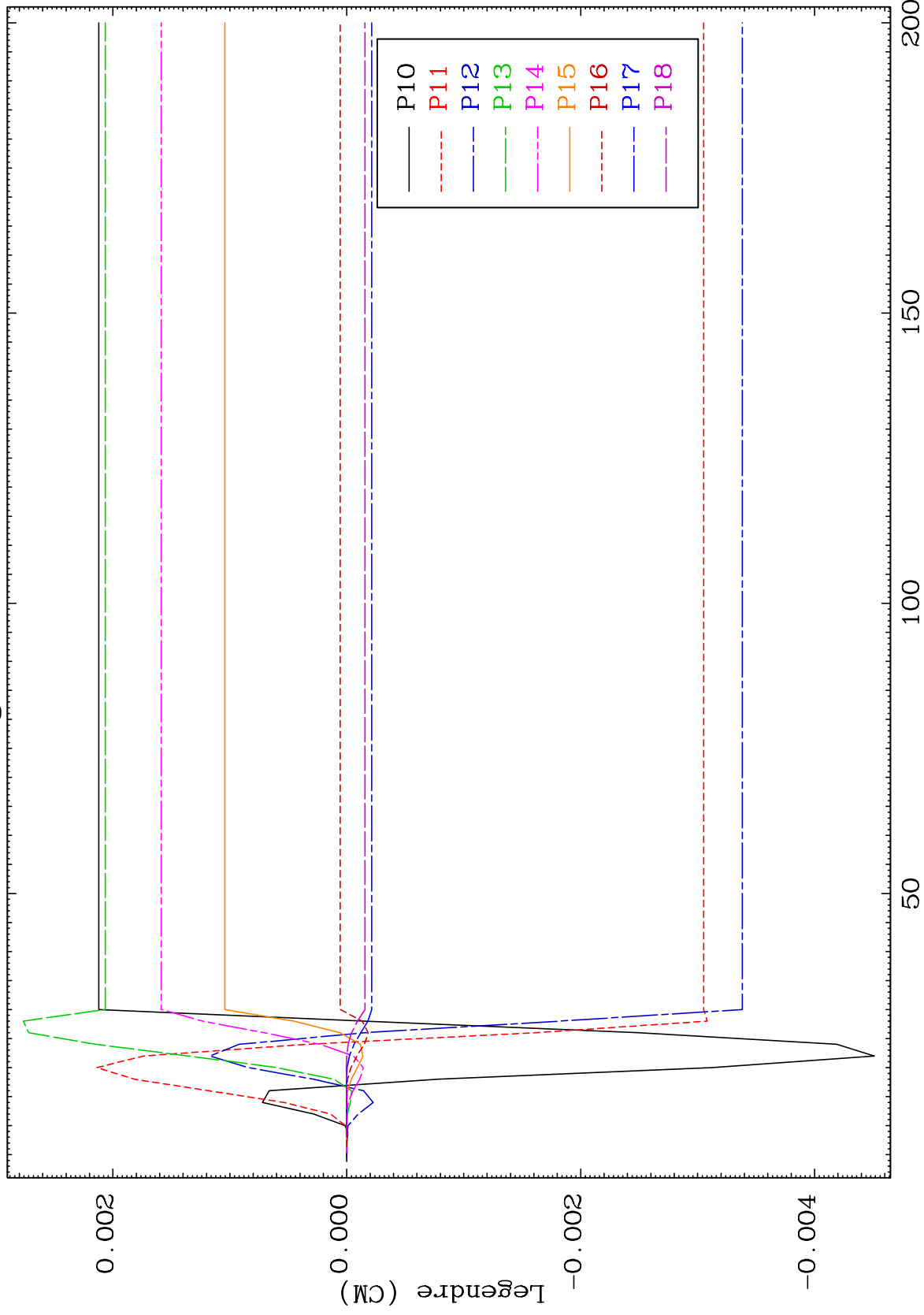




MAT 4604

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

46-Pd-95



76

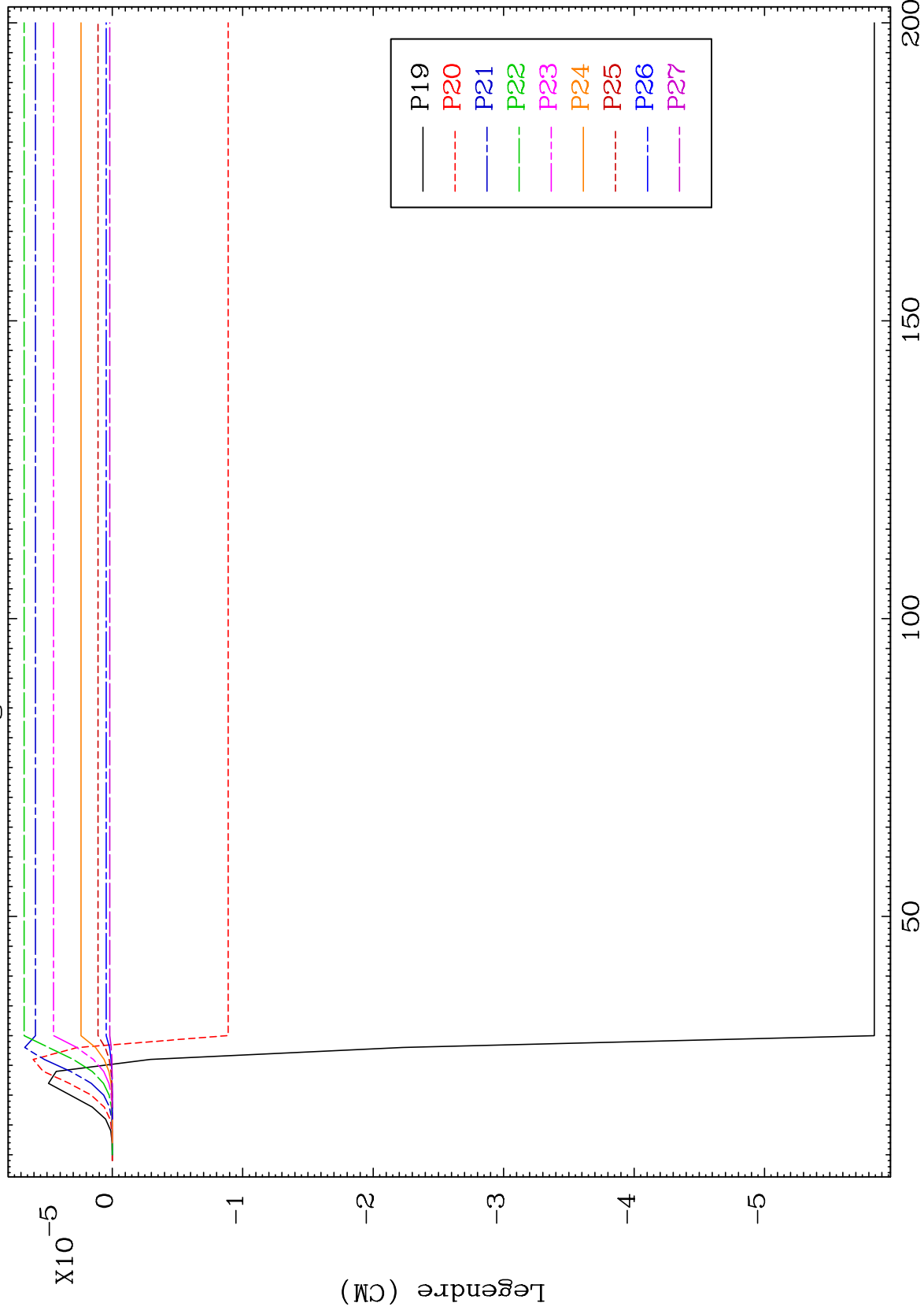
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

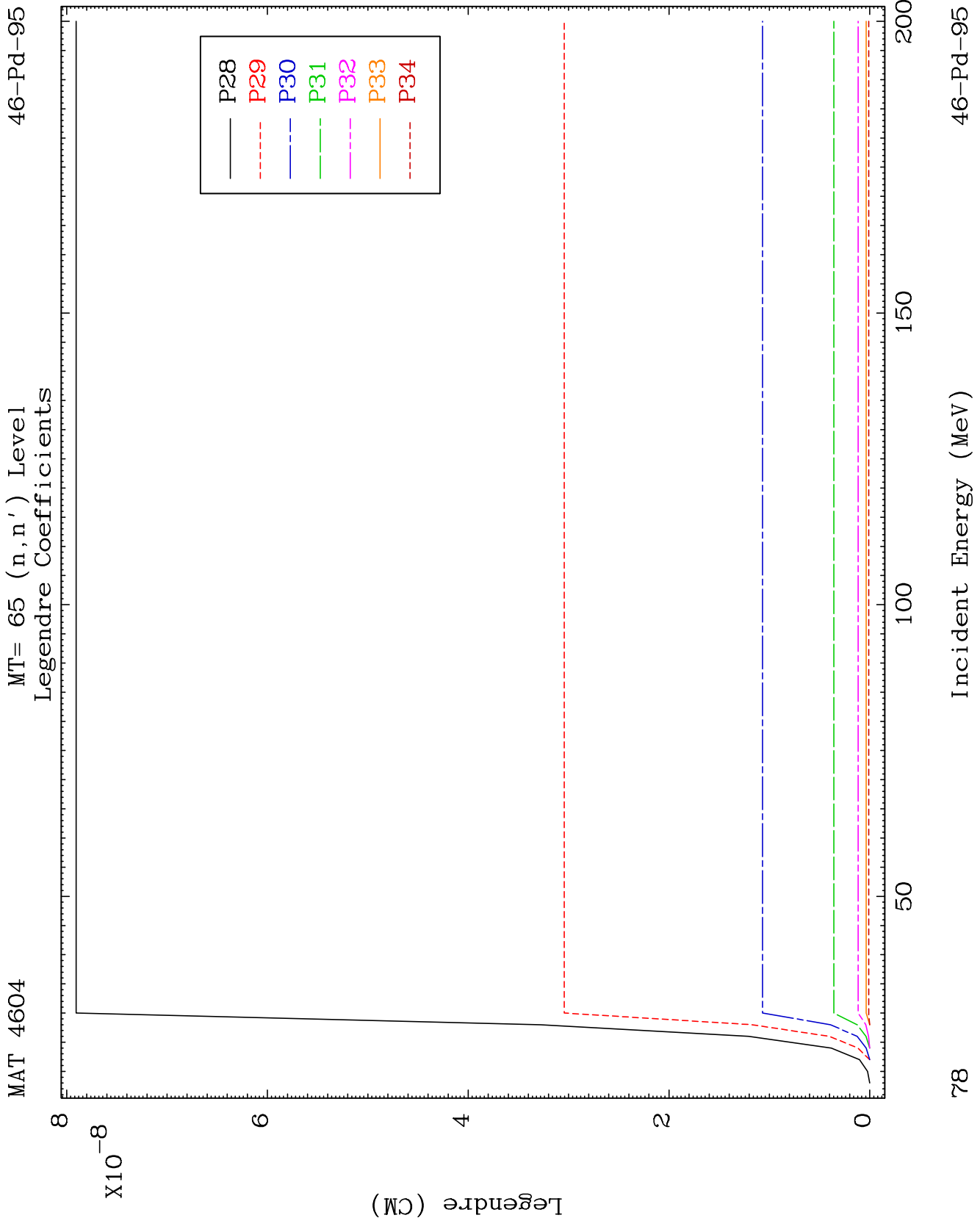
46-Pd-95



77

Incident Energy (MeV)

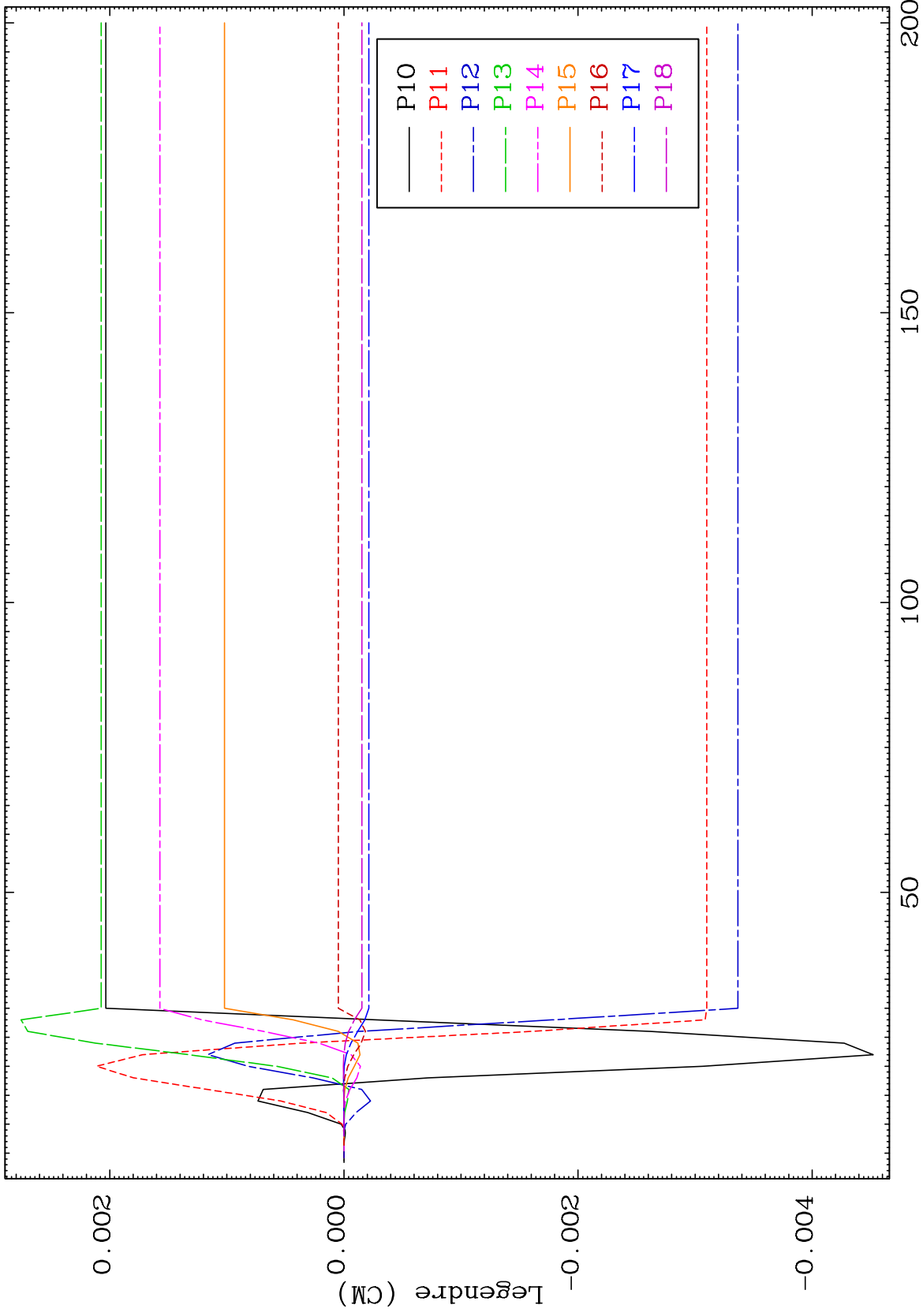
46-Pd-95



MAT 4604

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

46-Pd-95



80

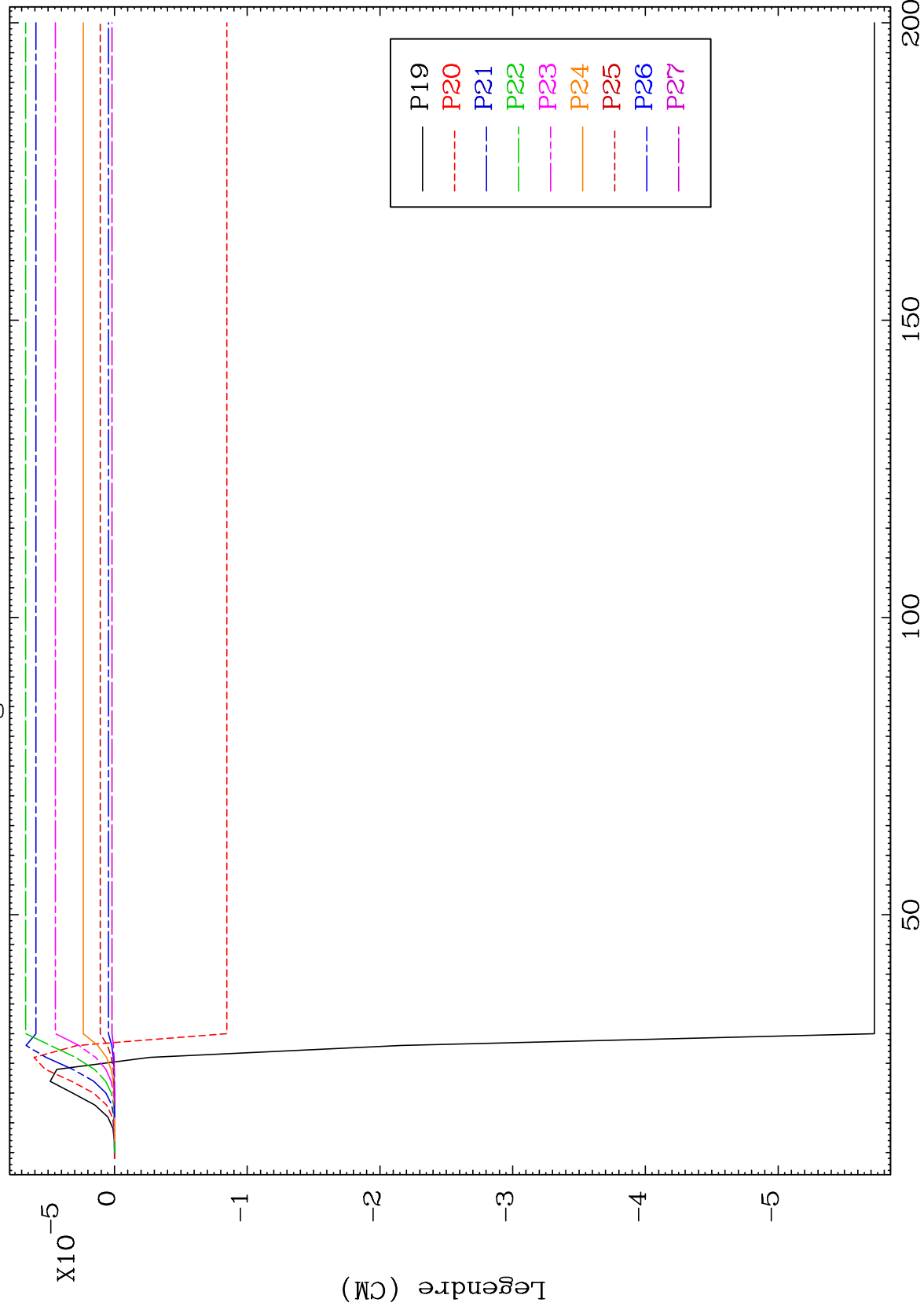
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

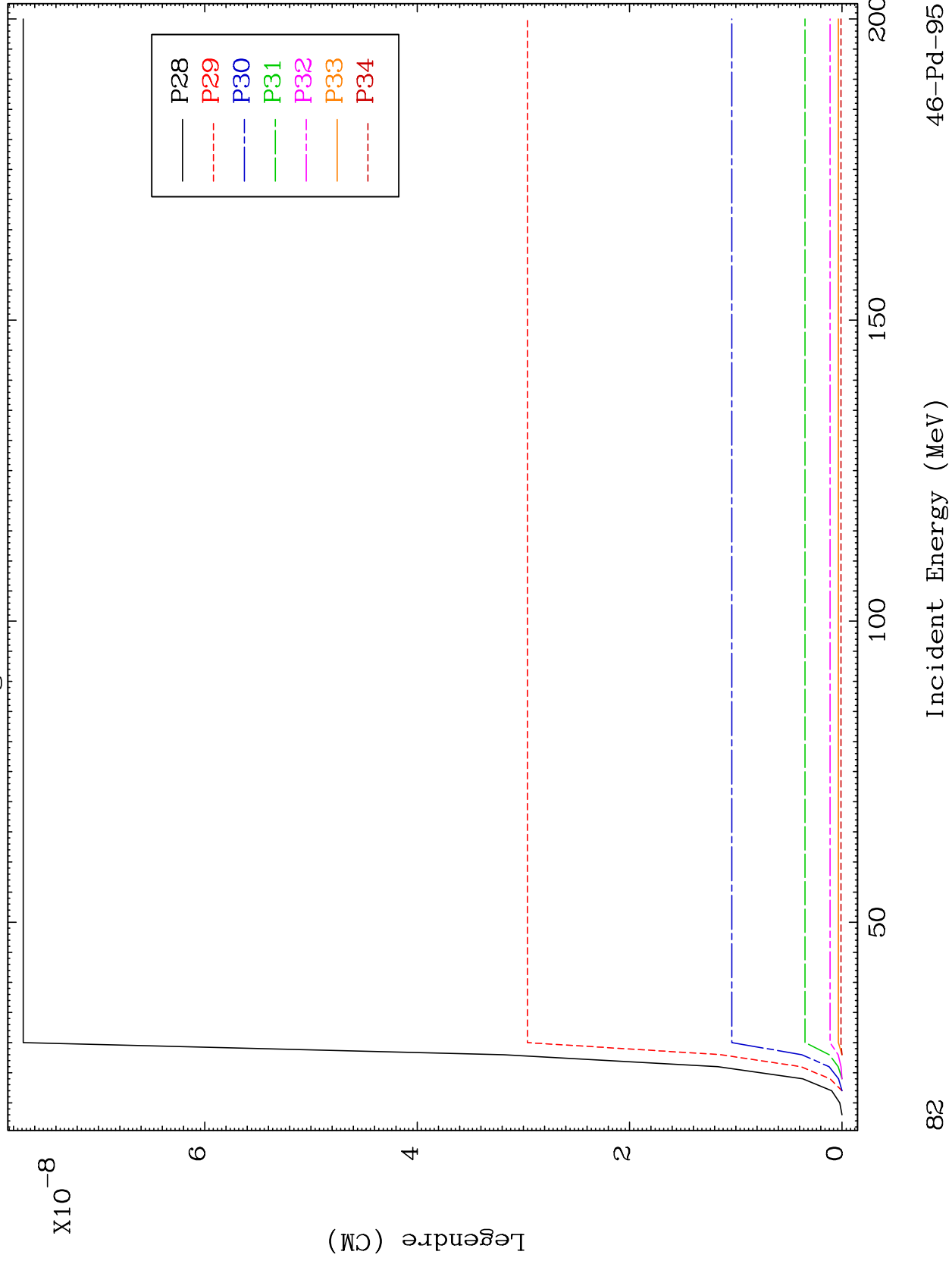
46-Pd-95



MAT 4604

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

46-Pd-95



82

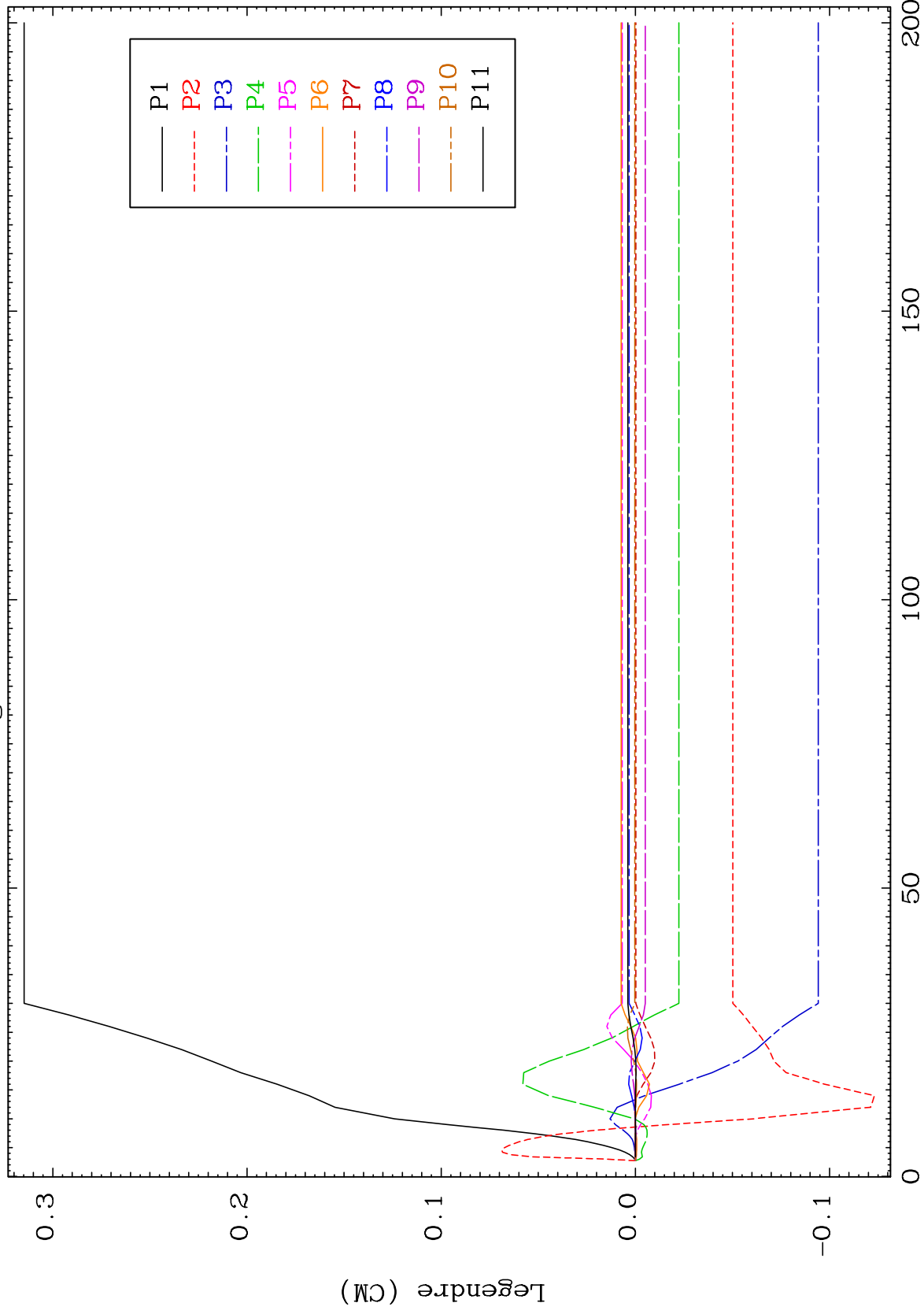
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



83

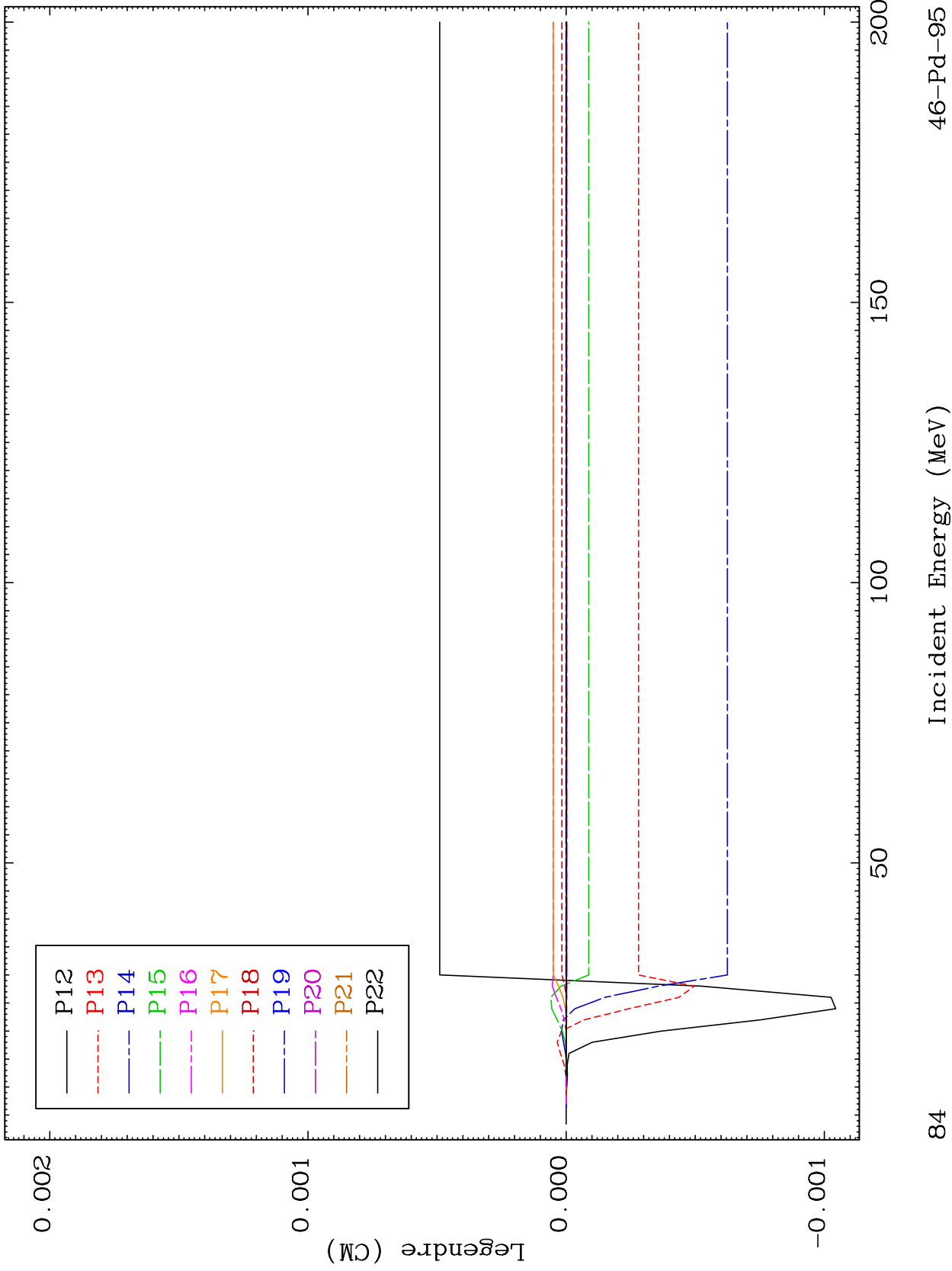
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

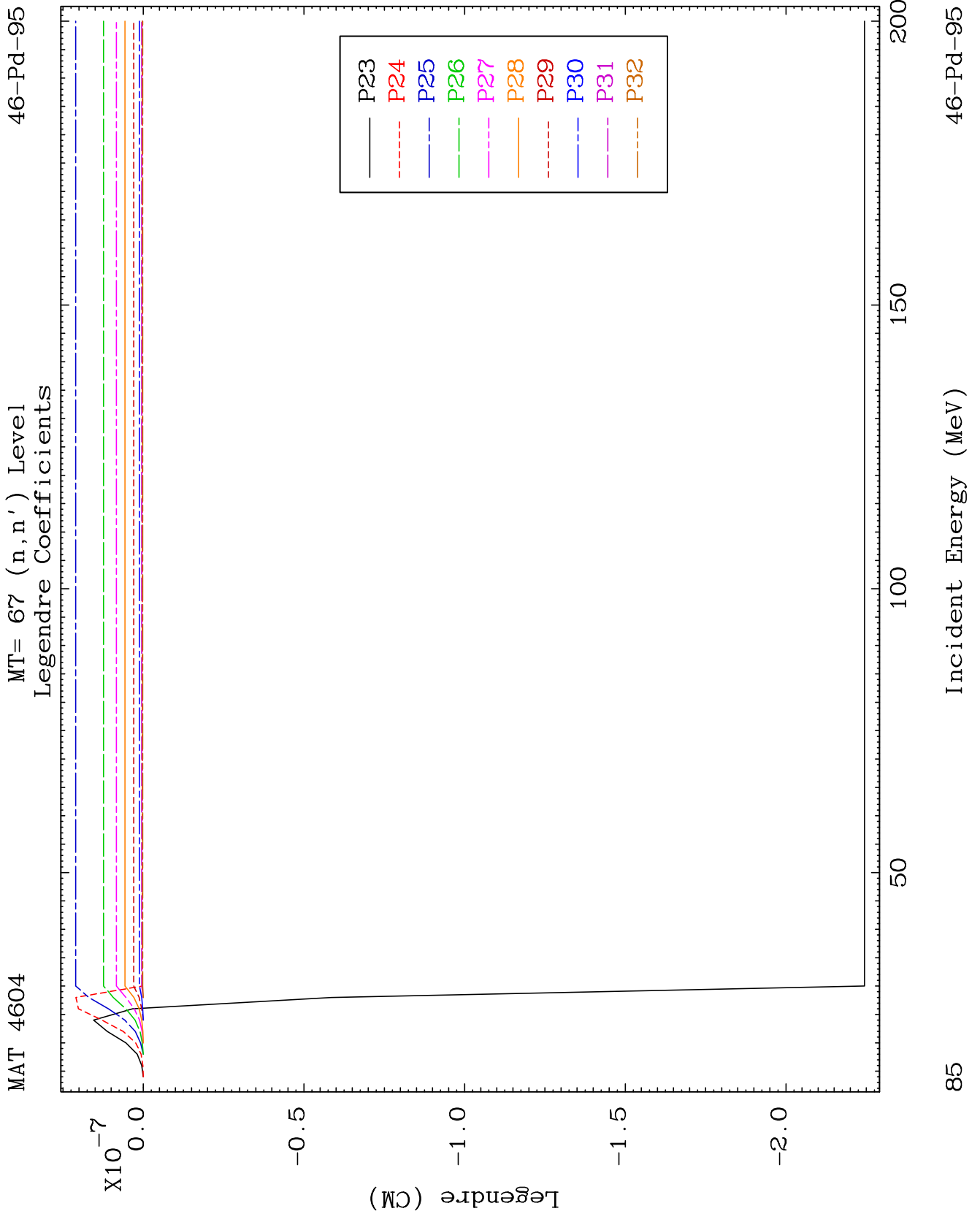
46-Pd-95



84

Incident Energy (MeV)

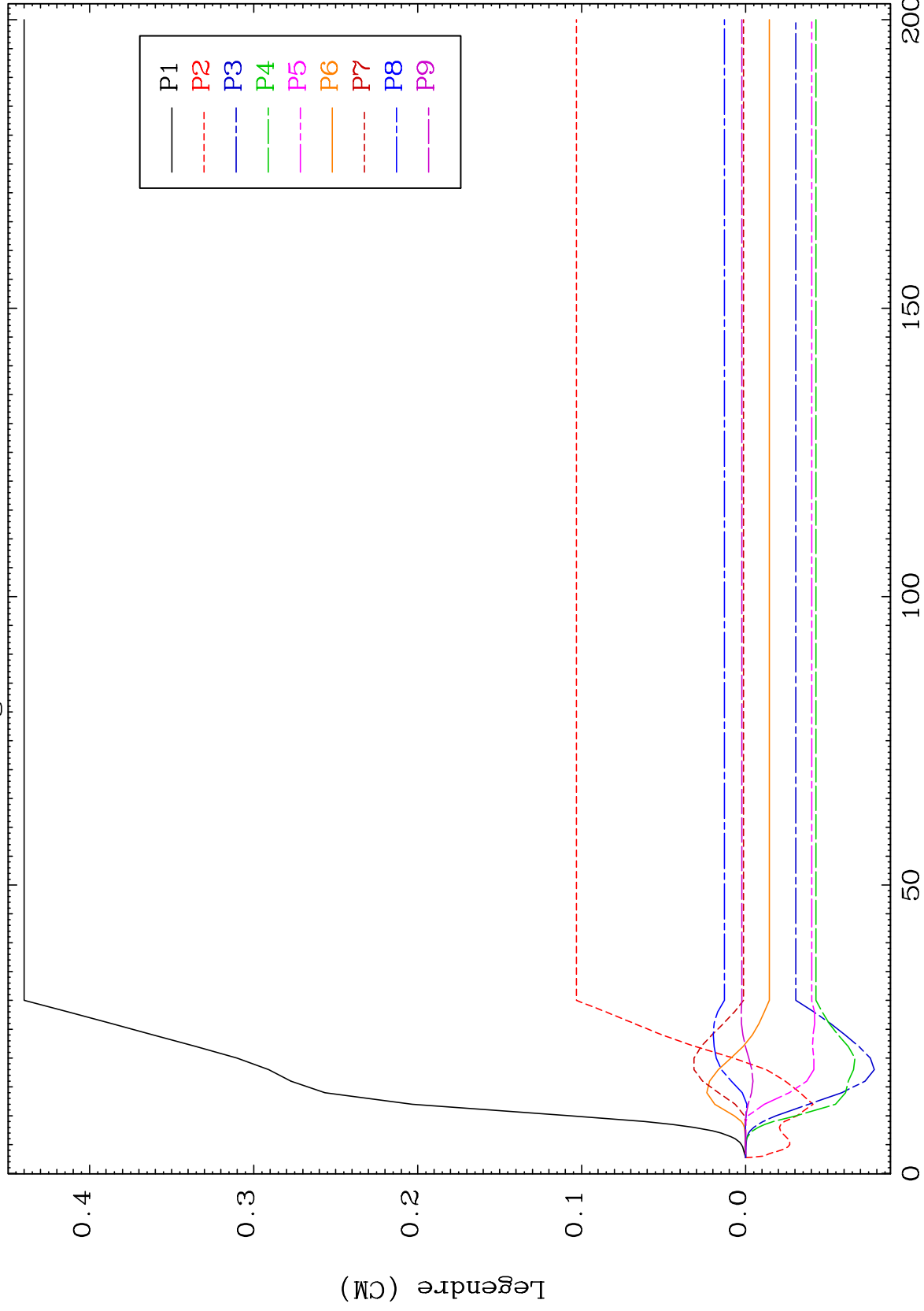
46-Pd-95



MAT 4604

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

46-Pd-95



86

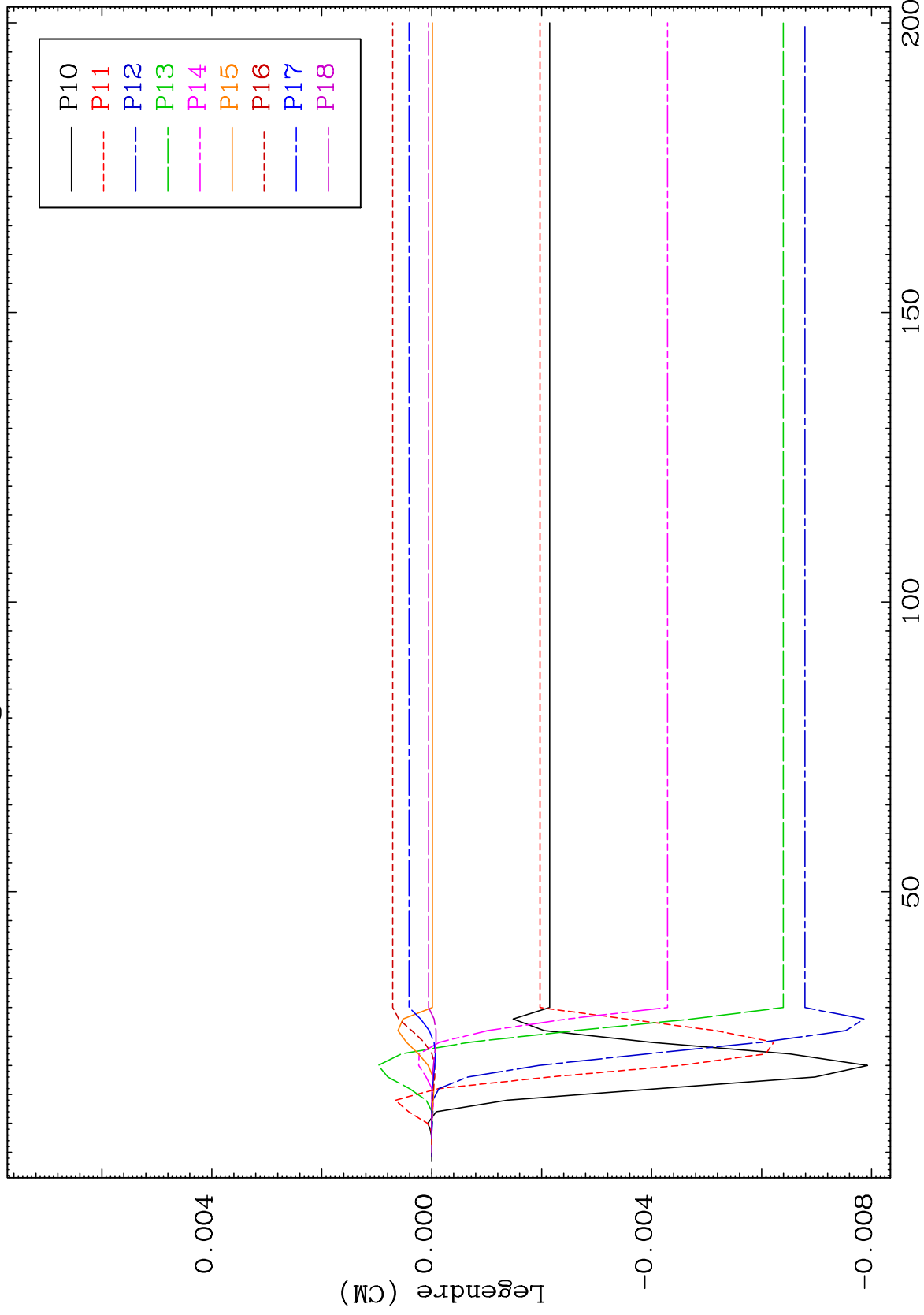
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



87

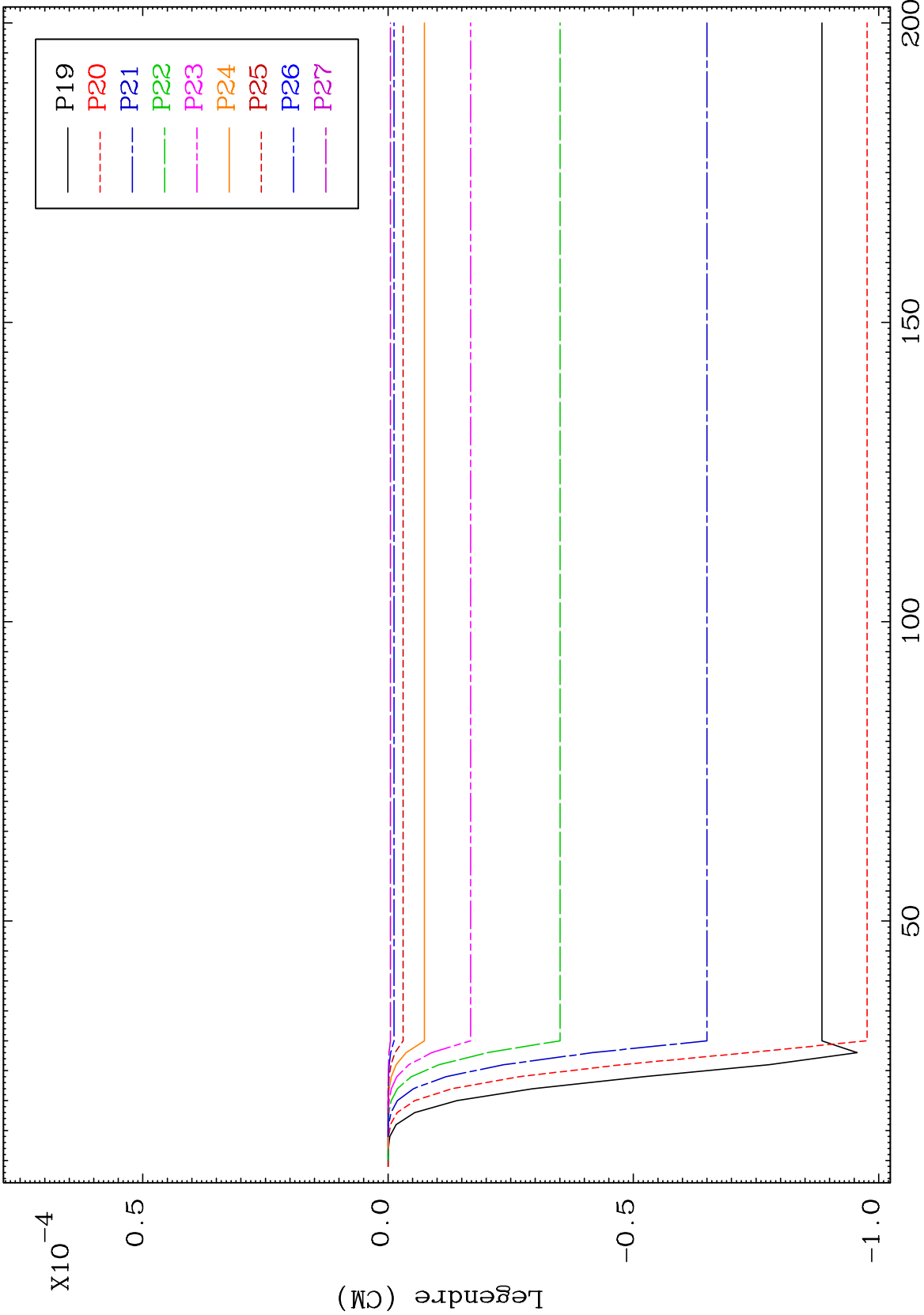
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

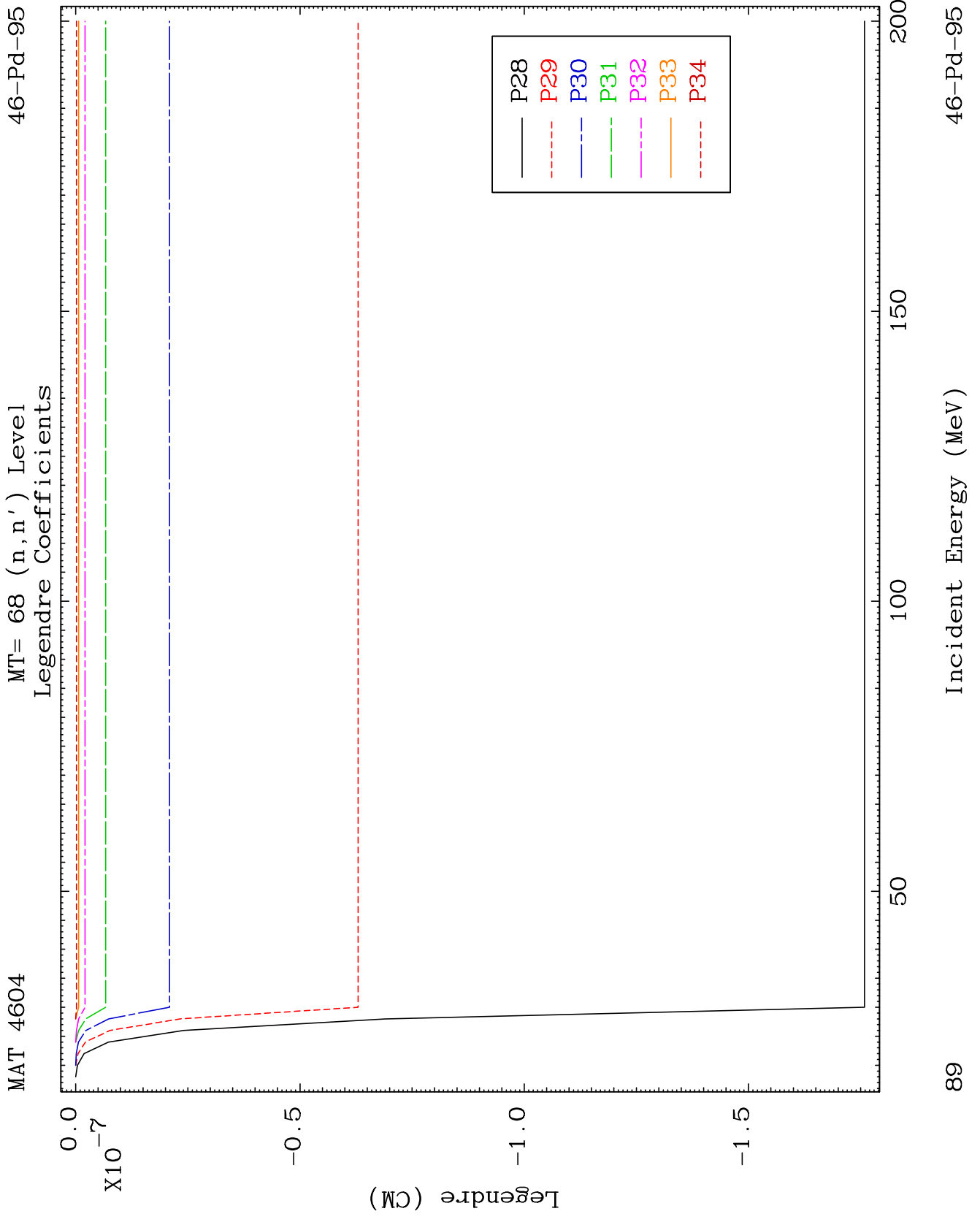
46-Pd-95



88

Incident Energy (MeV)

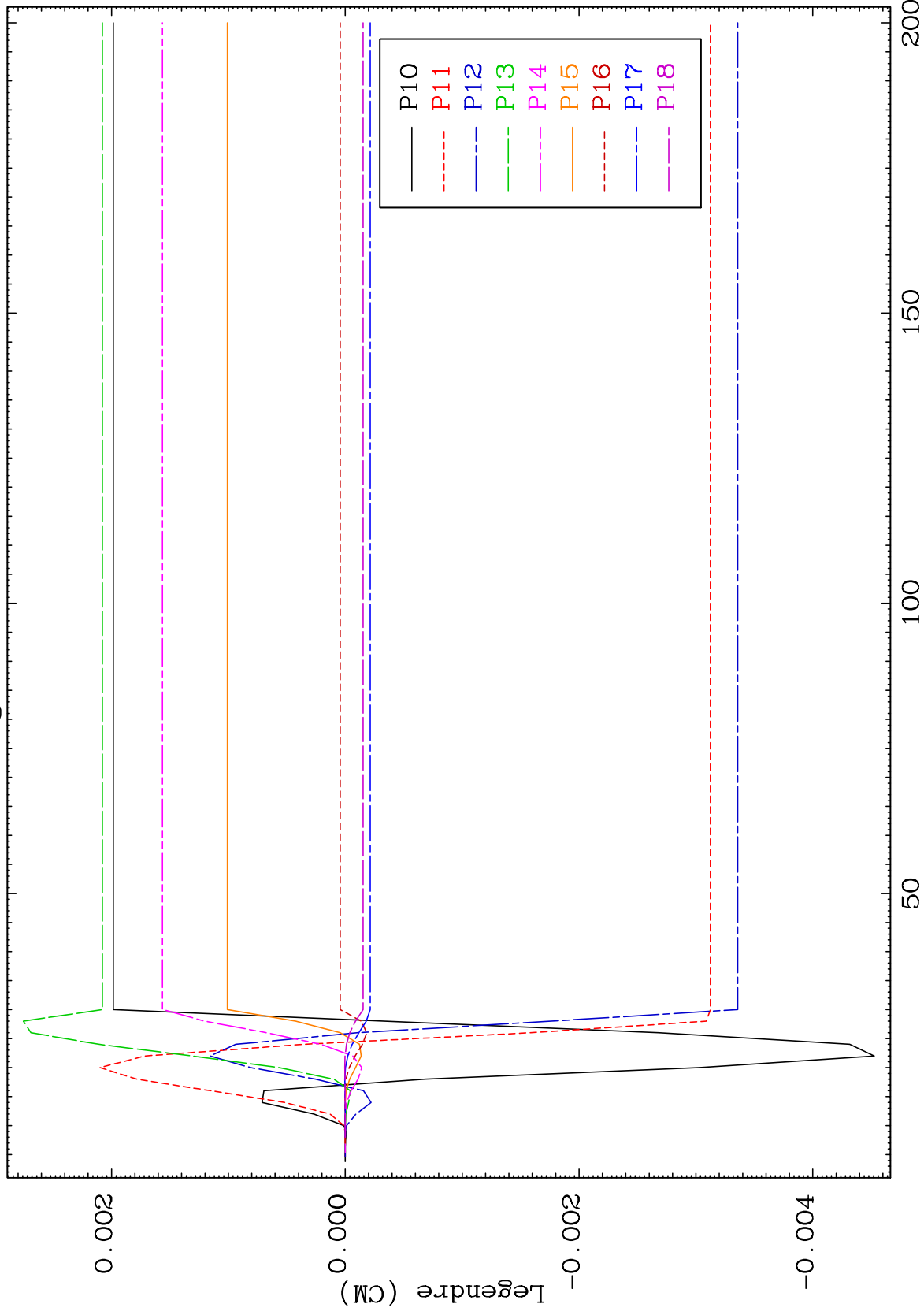
46-Pd-95



MAT 4604

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

46-Pd-95



91

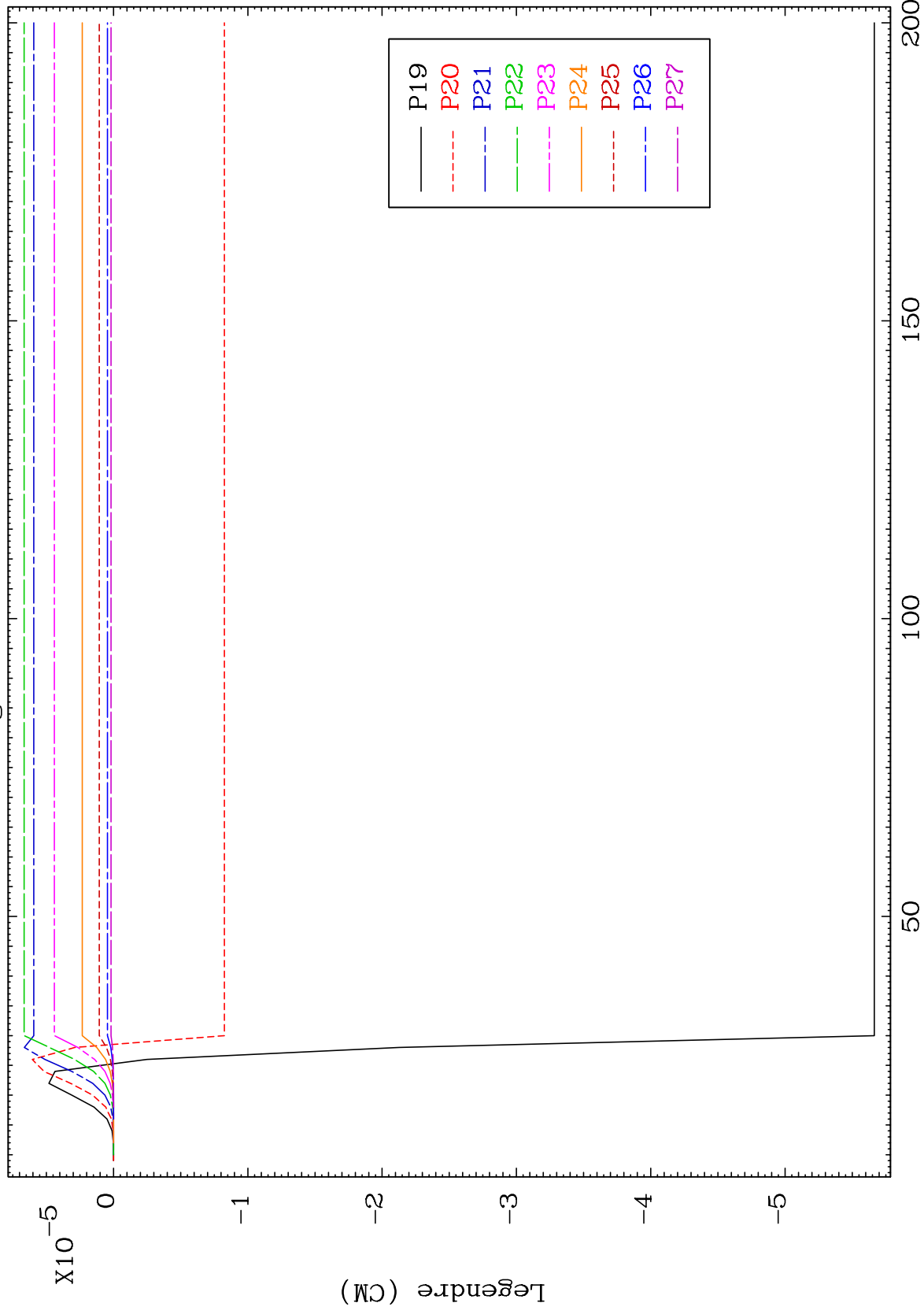
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



92

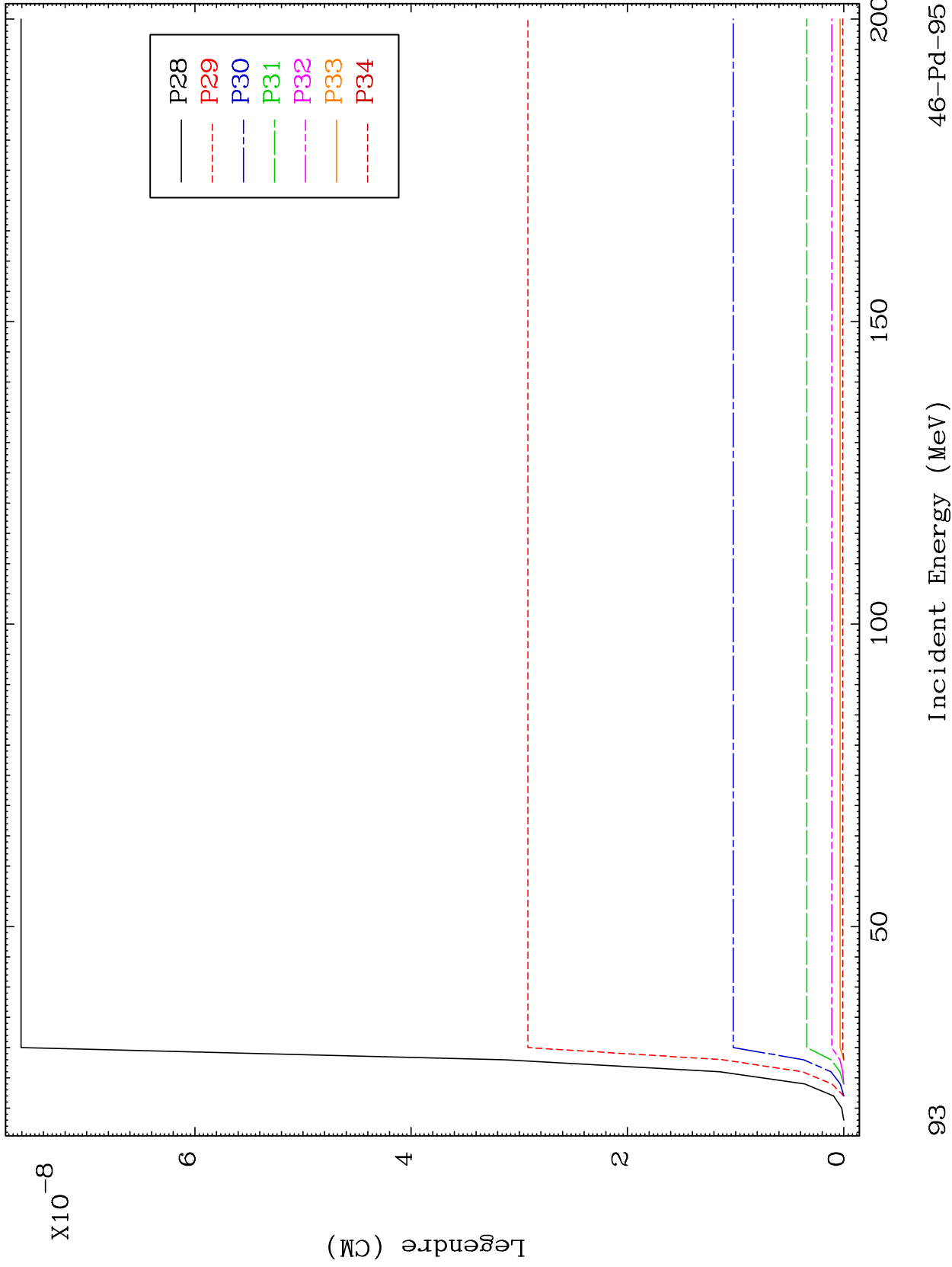
Incident Energy (MeV)

46-Pd-95

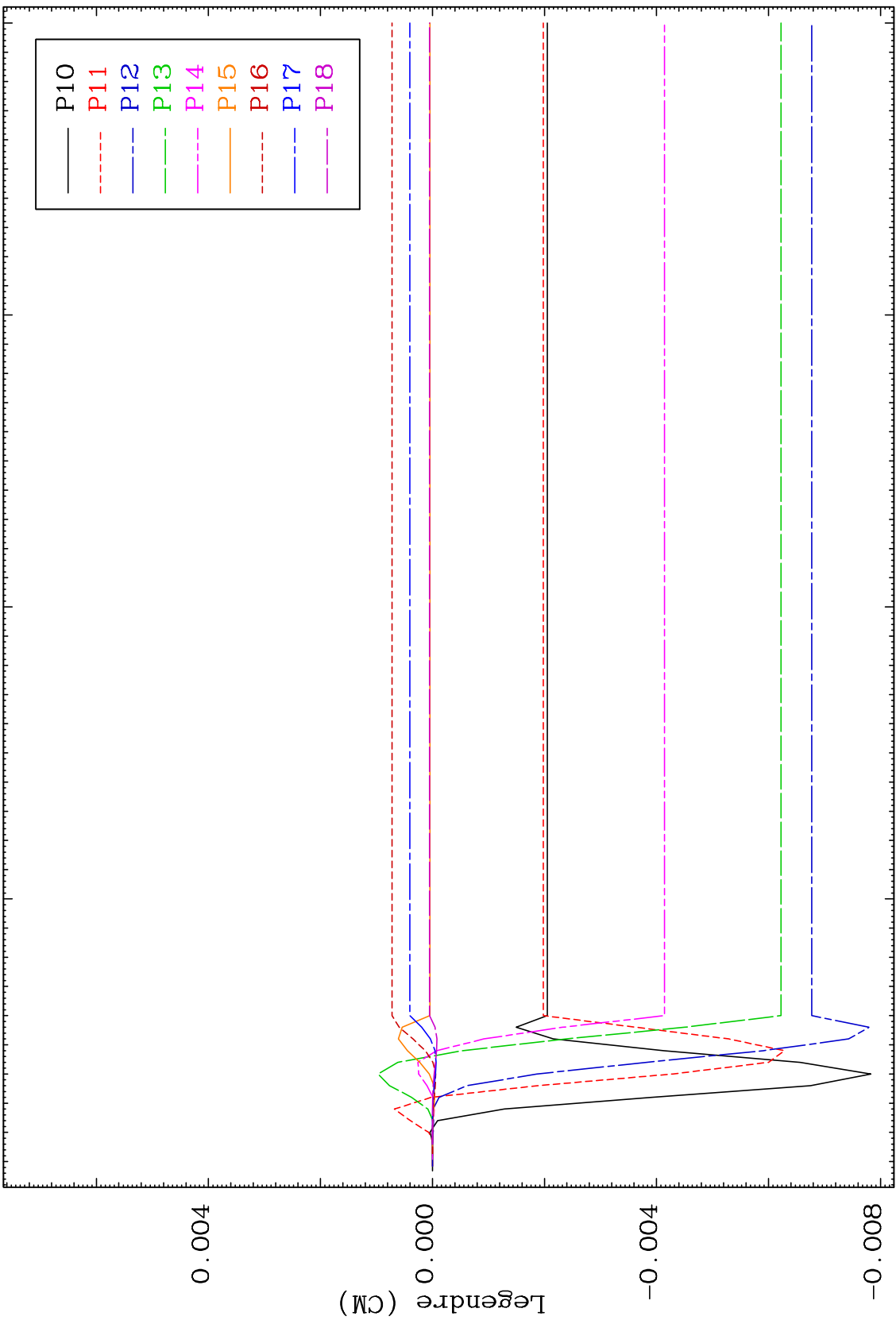
MAT 4604

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

46-Pd-95



MAT 4604 MT= 70 (n,n') Level Legendre Coefficients 46-Pd-95

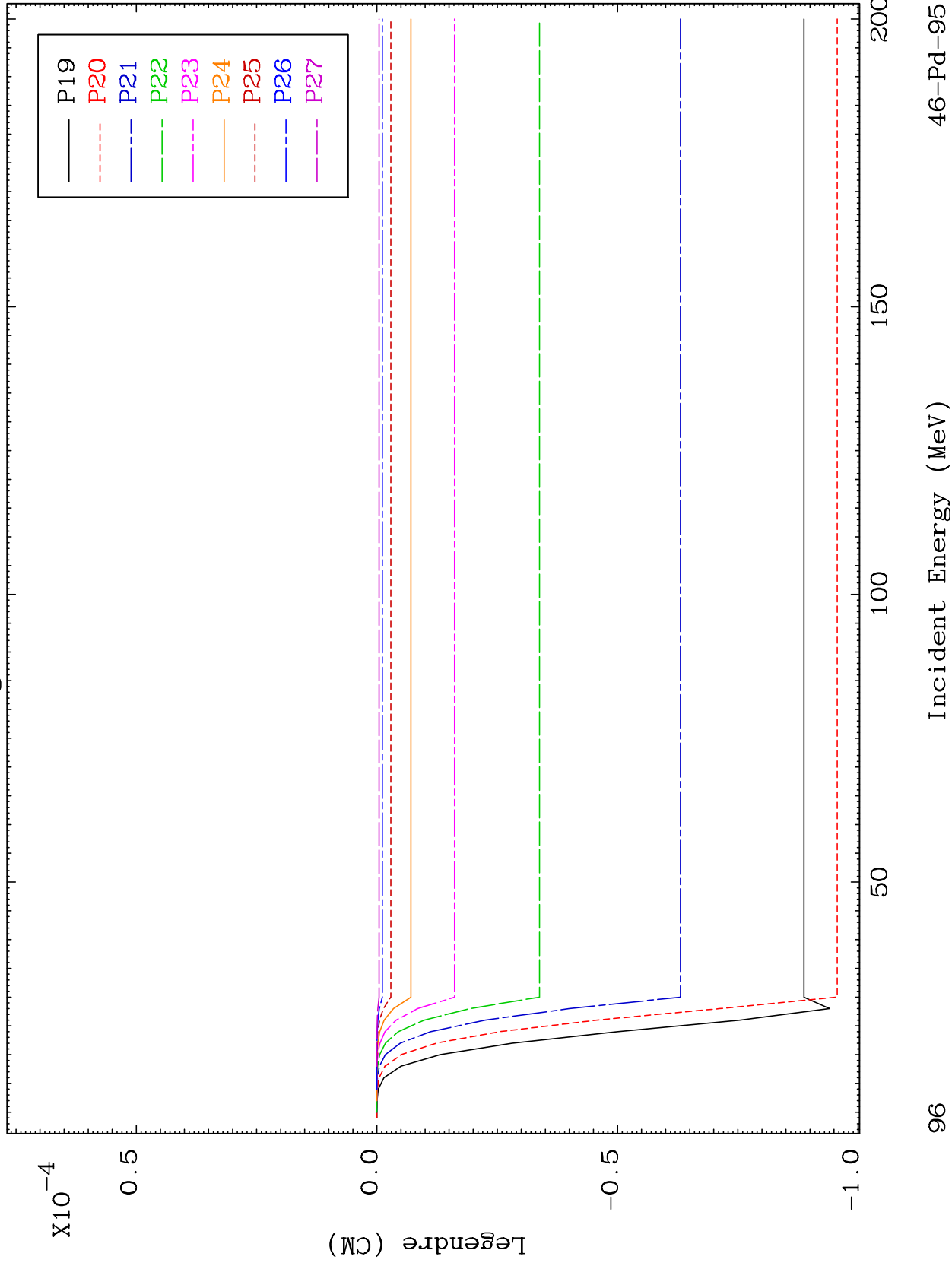


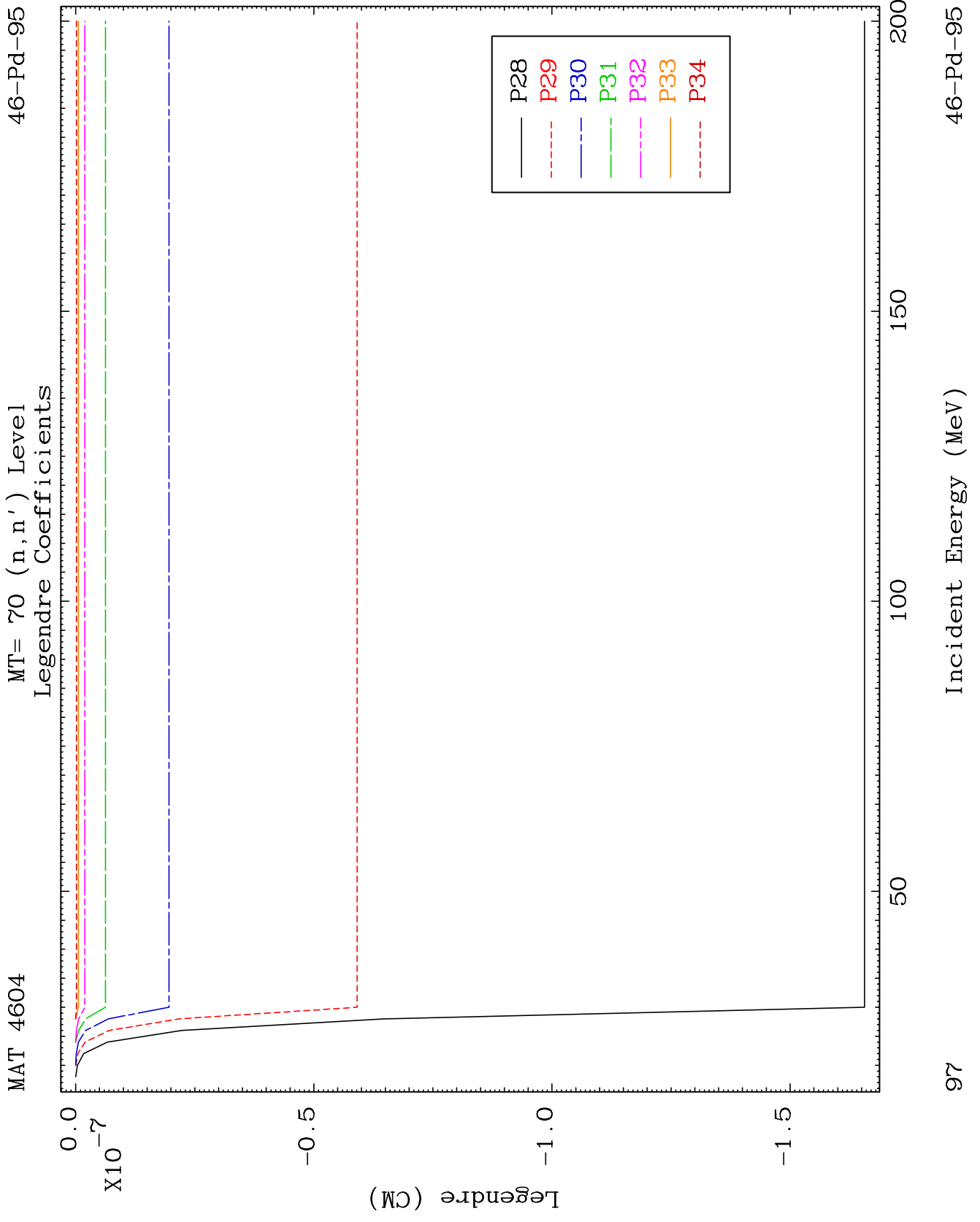
95 Incident Energy (MeV) 46-Pd-95

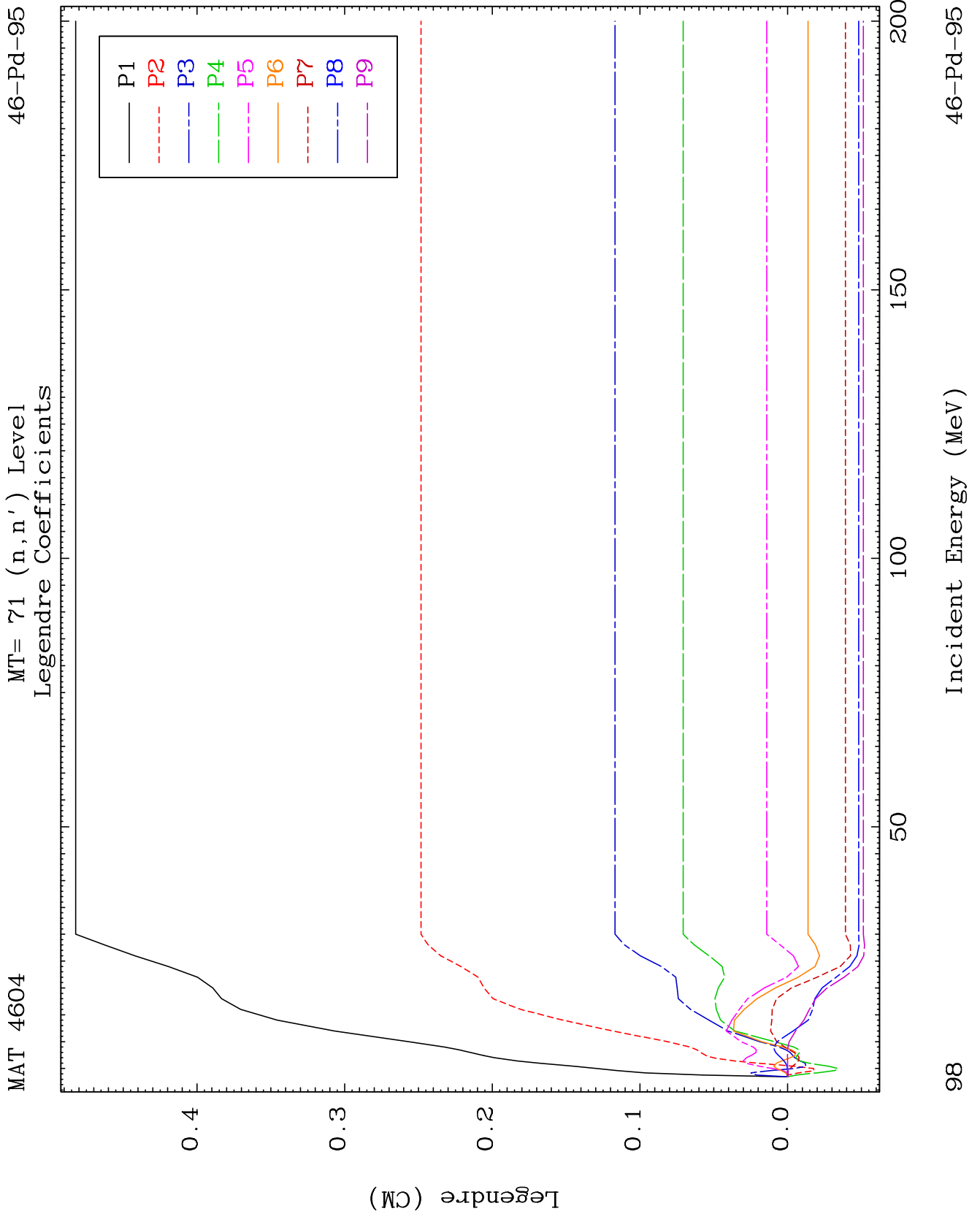
MAT 4604

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

46-Pd-95



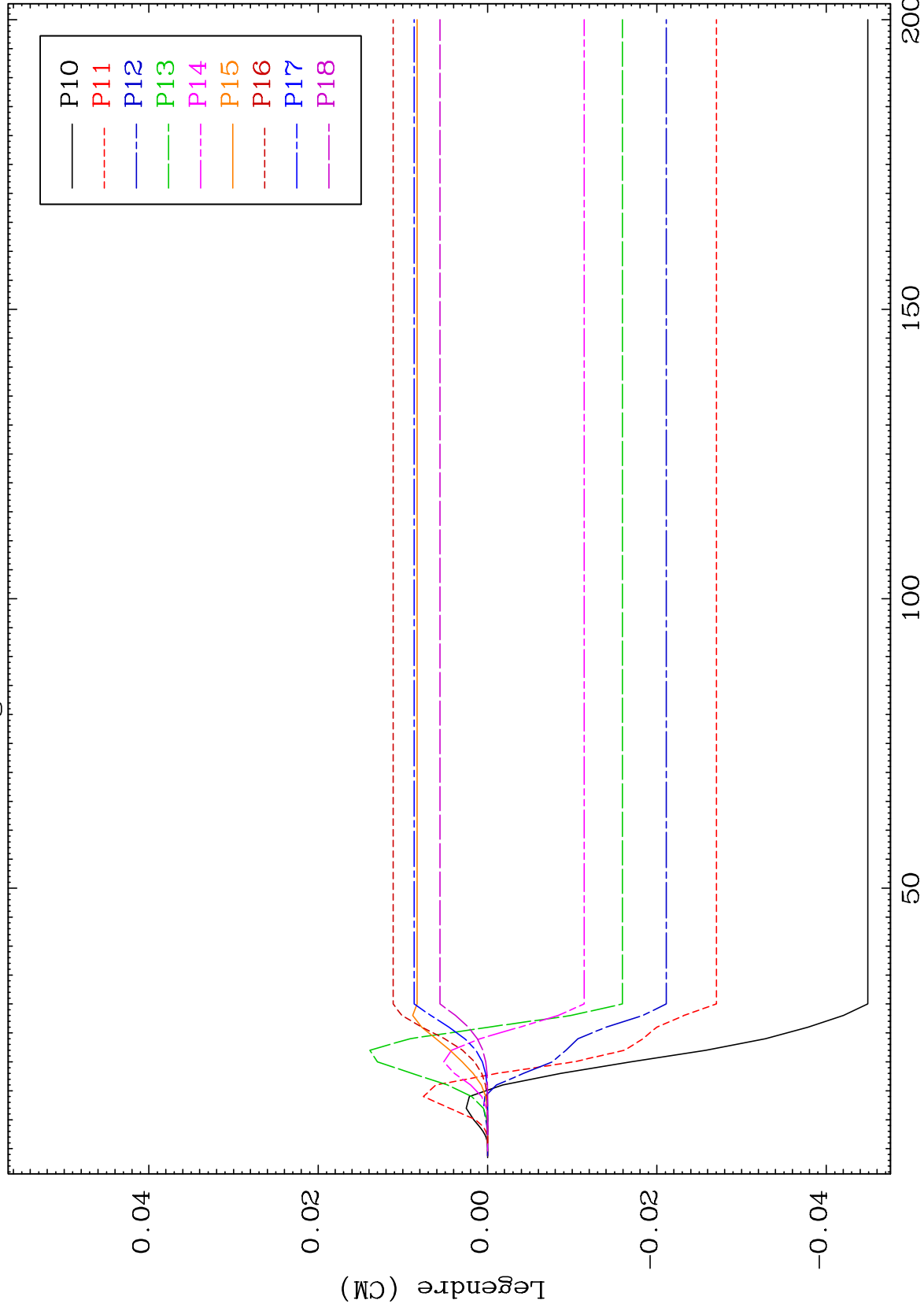




MAT 4604

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

46-Pd-95



99

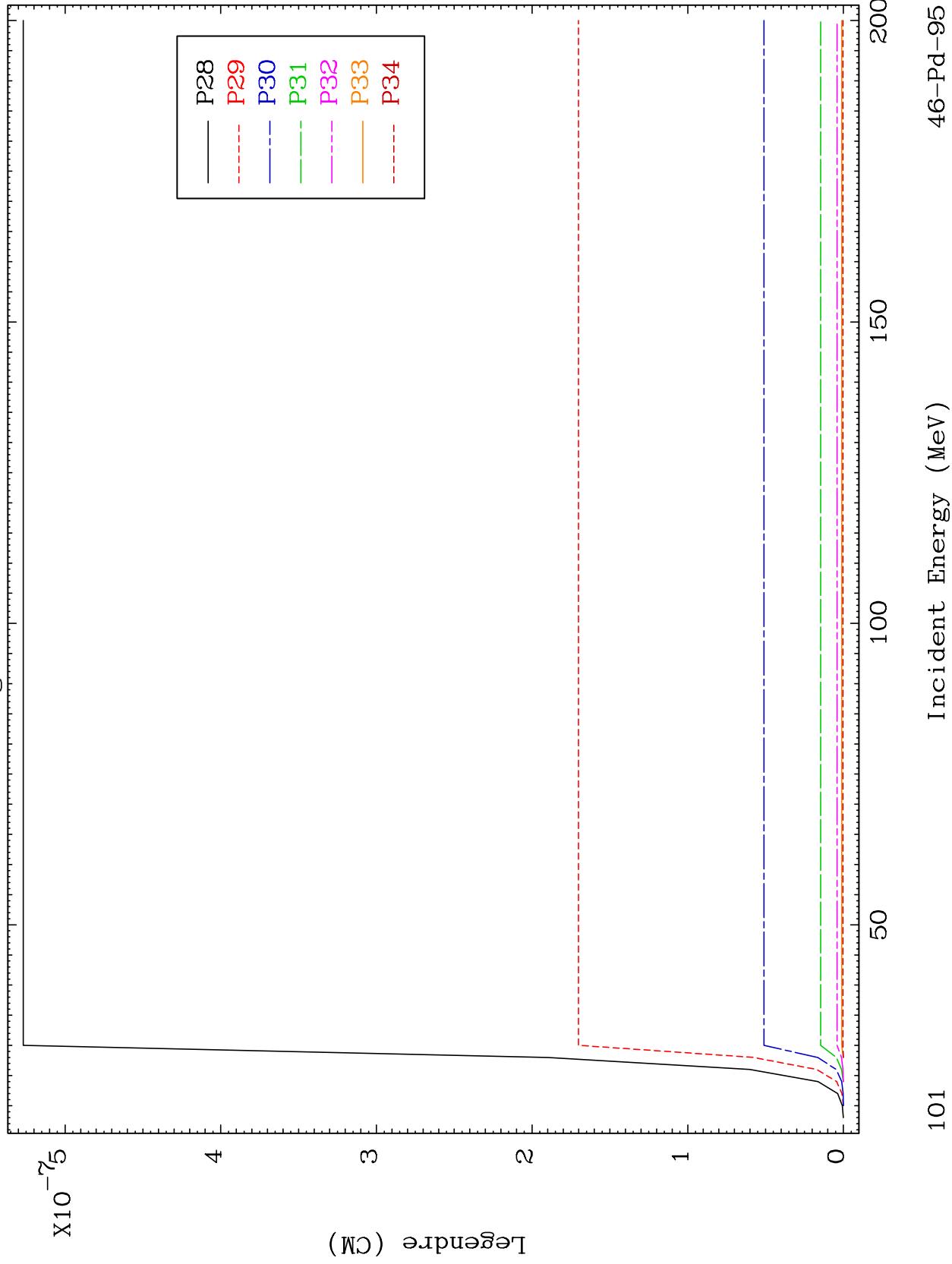
Incident Energy (MeV)

46-Pd-95

MAT 4604

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

46-Pd-95



101

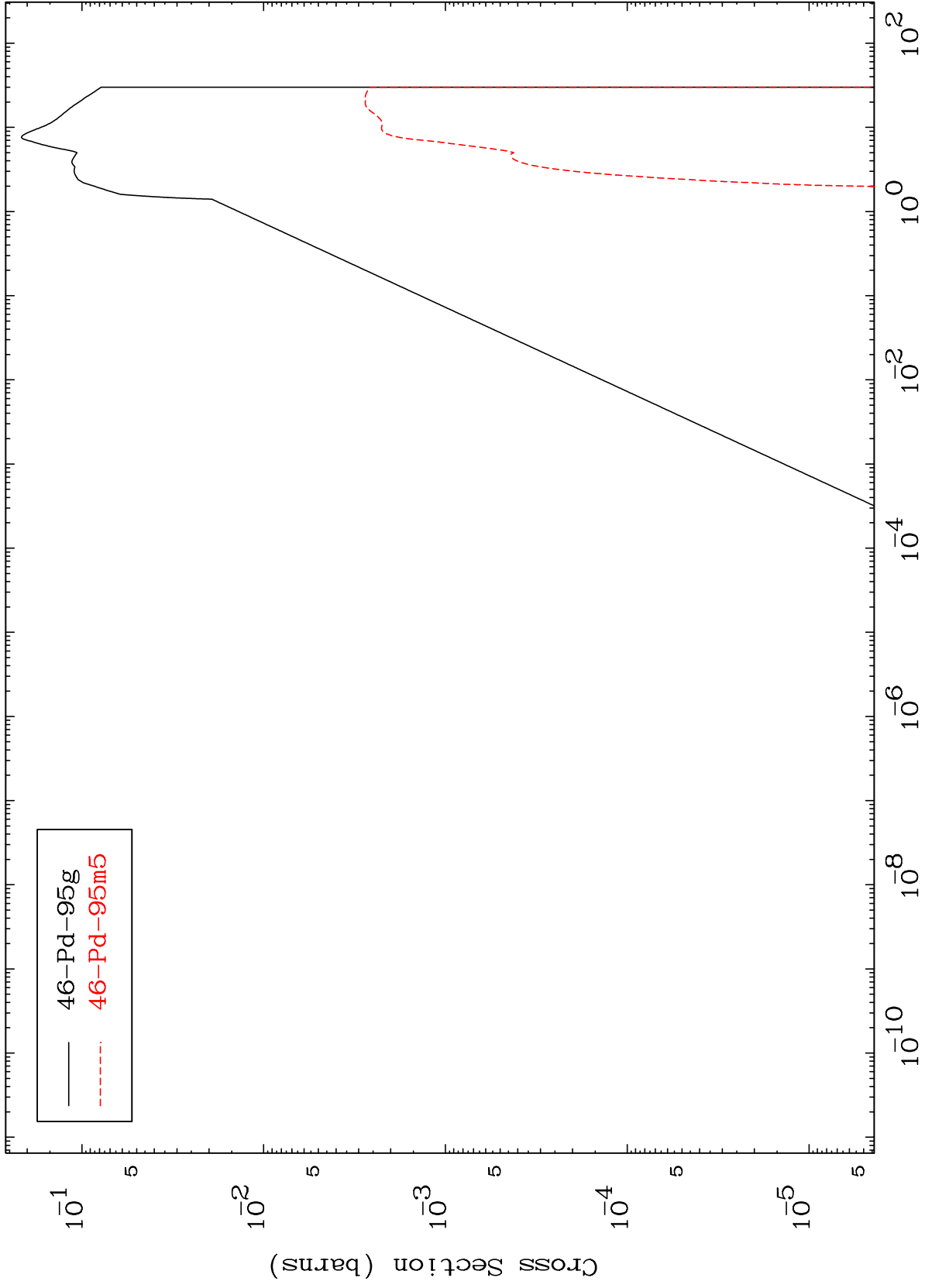
Incident Energy (MeV)

46-Pd-95

MAT 4604

Inelastic
Radionuclide Production Cross Section

46-Pd-95



— 46-Pd-95g
- - - 46-Pd-95m5

102

Incident Energy (MeV)

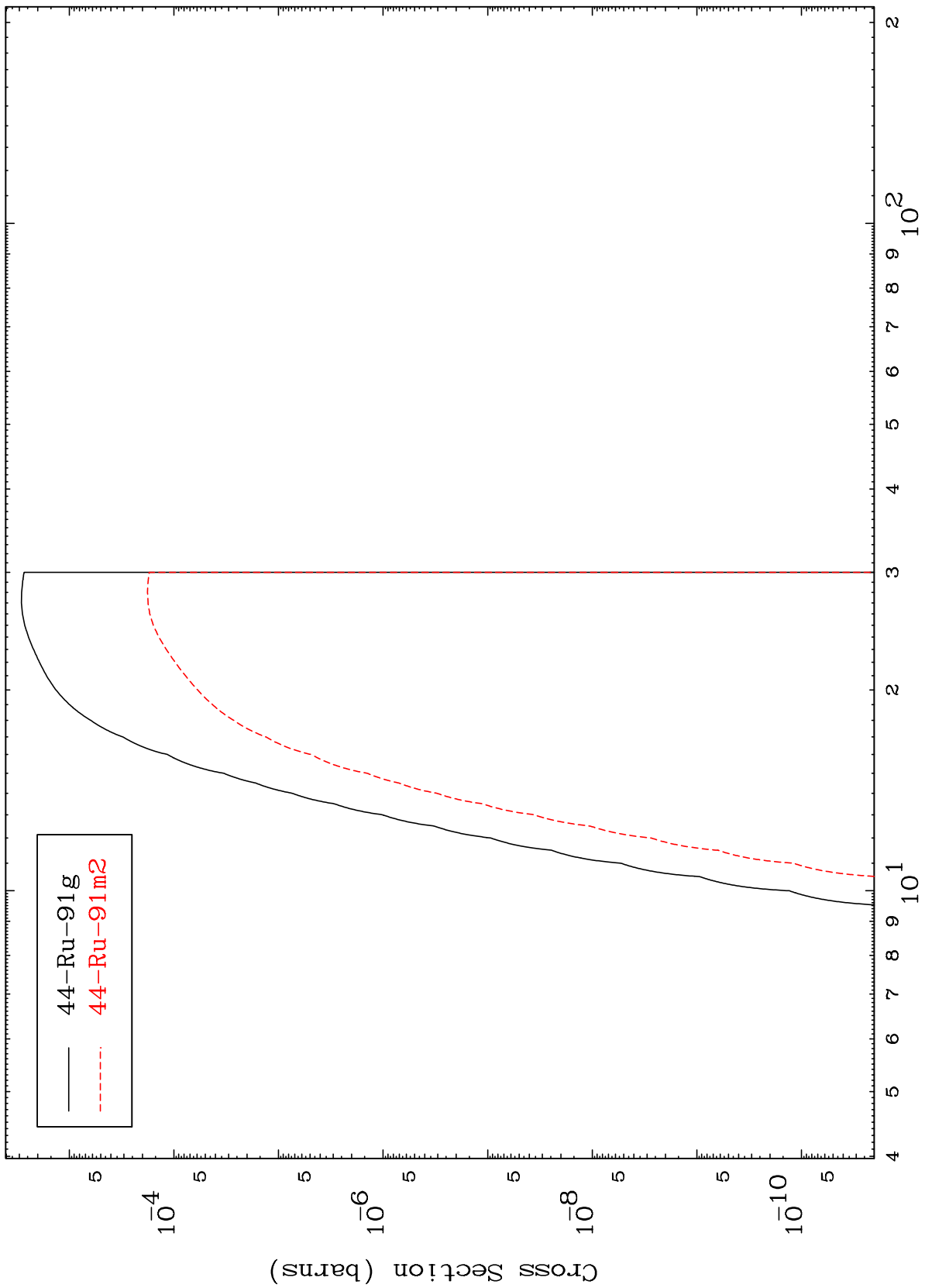
46-Pd-95

MAT 4604

(n,n') α

46-Pd-95

Radionuclide Production Cross Section



103

Incident Energy (MeV)

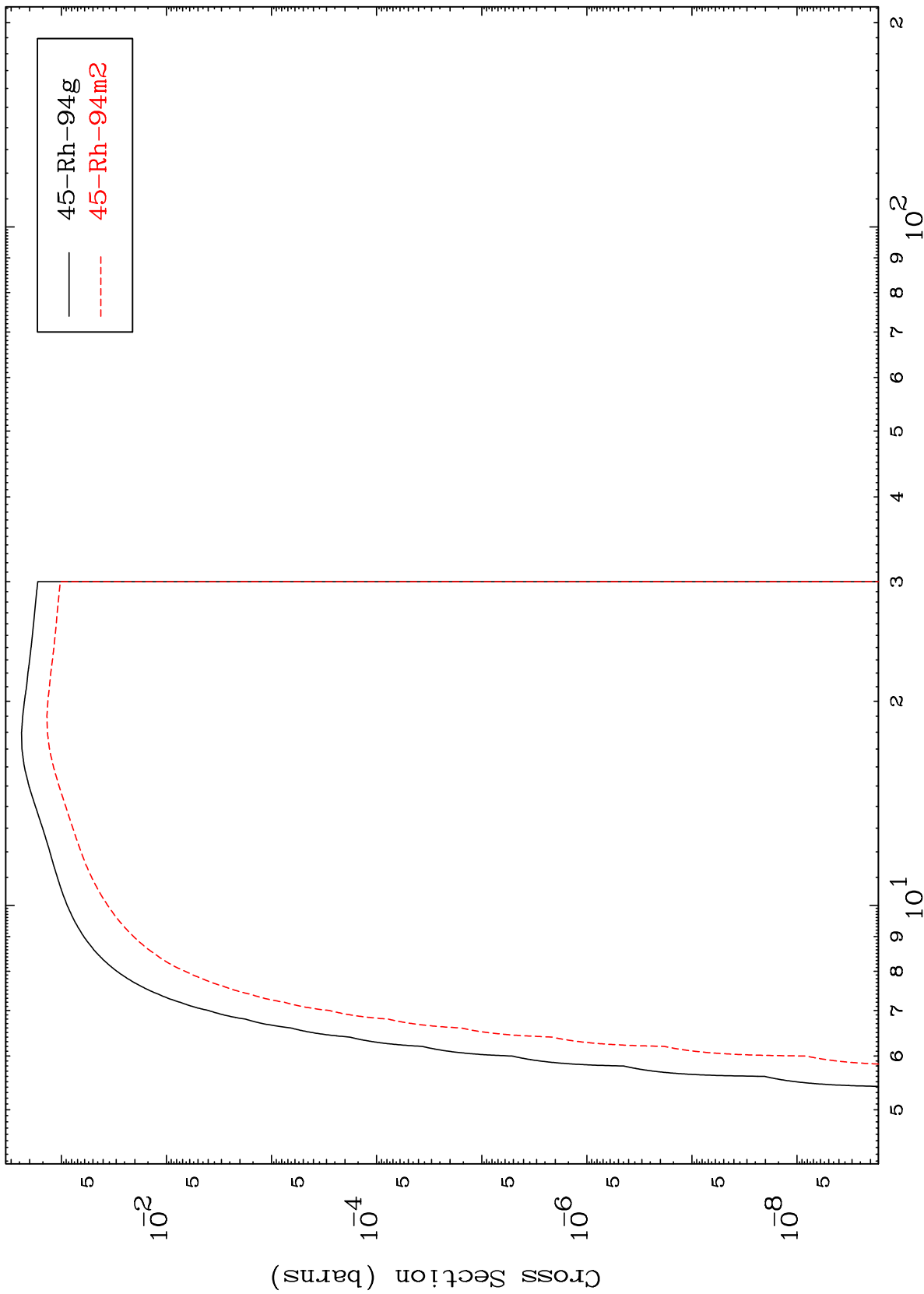
46-Pd-95

MAT 4604

(n,n') p

46-Pd-95

Radionuclide Production Cross Section



104

Incident Energy (MeV)

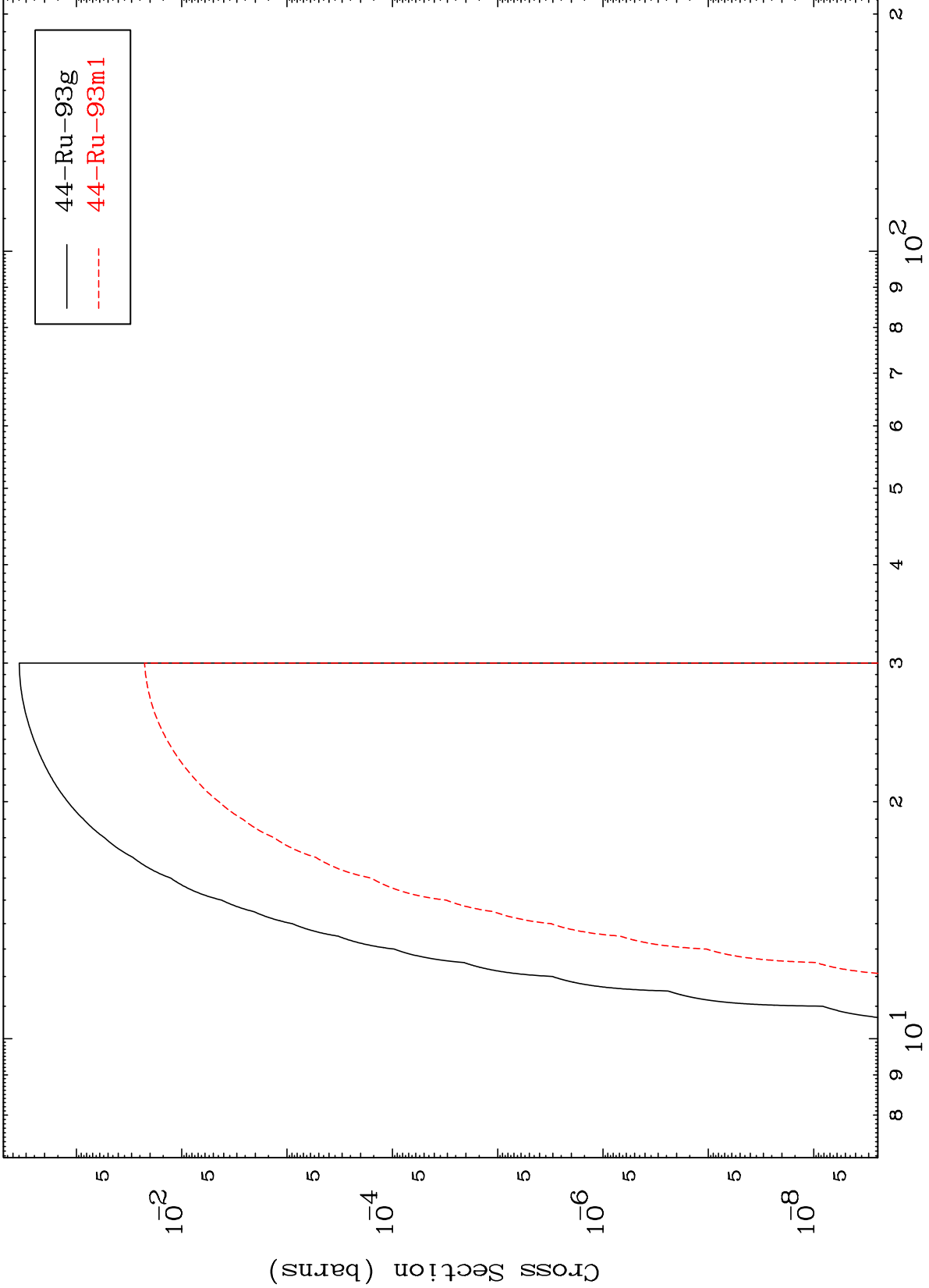
46-Pd-95

MAT 4604

(n,2n) p

46-Pd-95

Radionuclide Production Cross Section



105

Incident Energy (MeV)

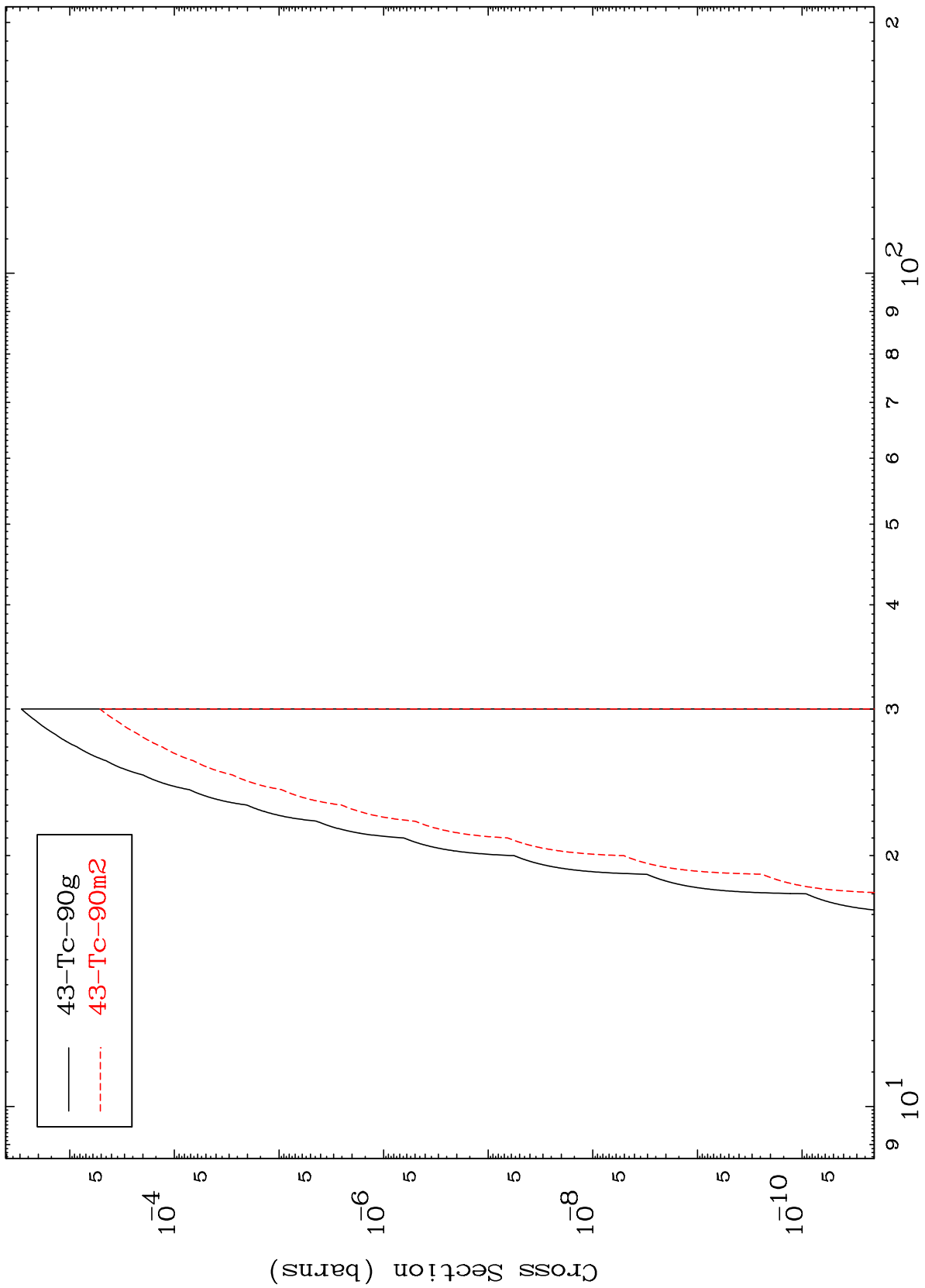
46-Pd-95

MAT 4604

(n,n') p α

46-Pd-95

Radionuclide Production Cross Section



106

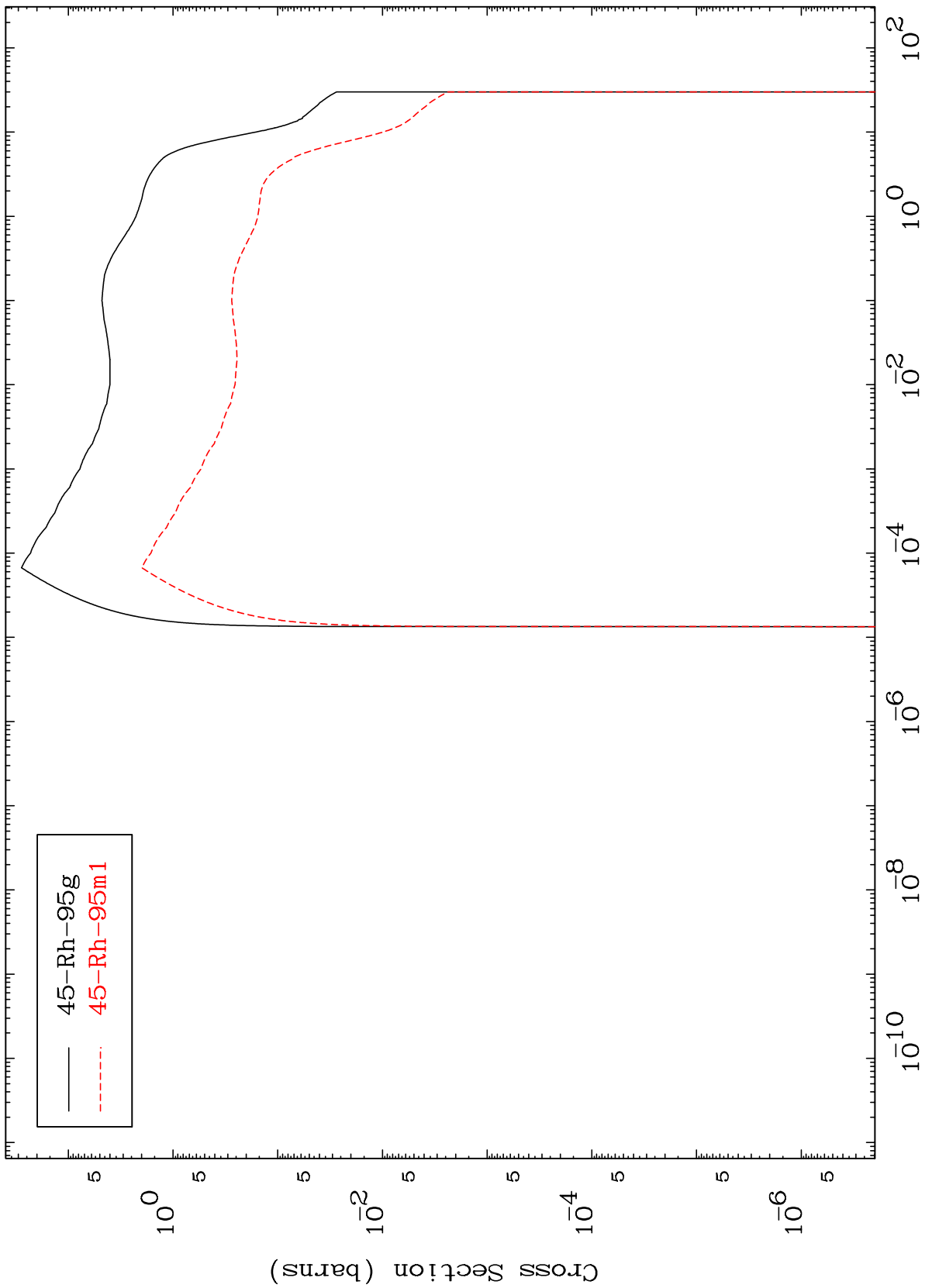
Incident Energy (MeV)

46-Pd-95

MAT 4604

46-Pd-95

(n,p)
Radionuclide Production Cross Section



— 45-Rh-95g
- - - 45-Rh-95m1

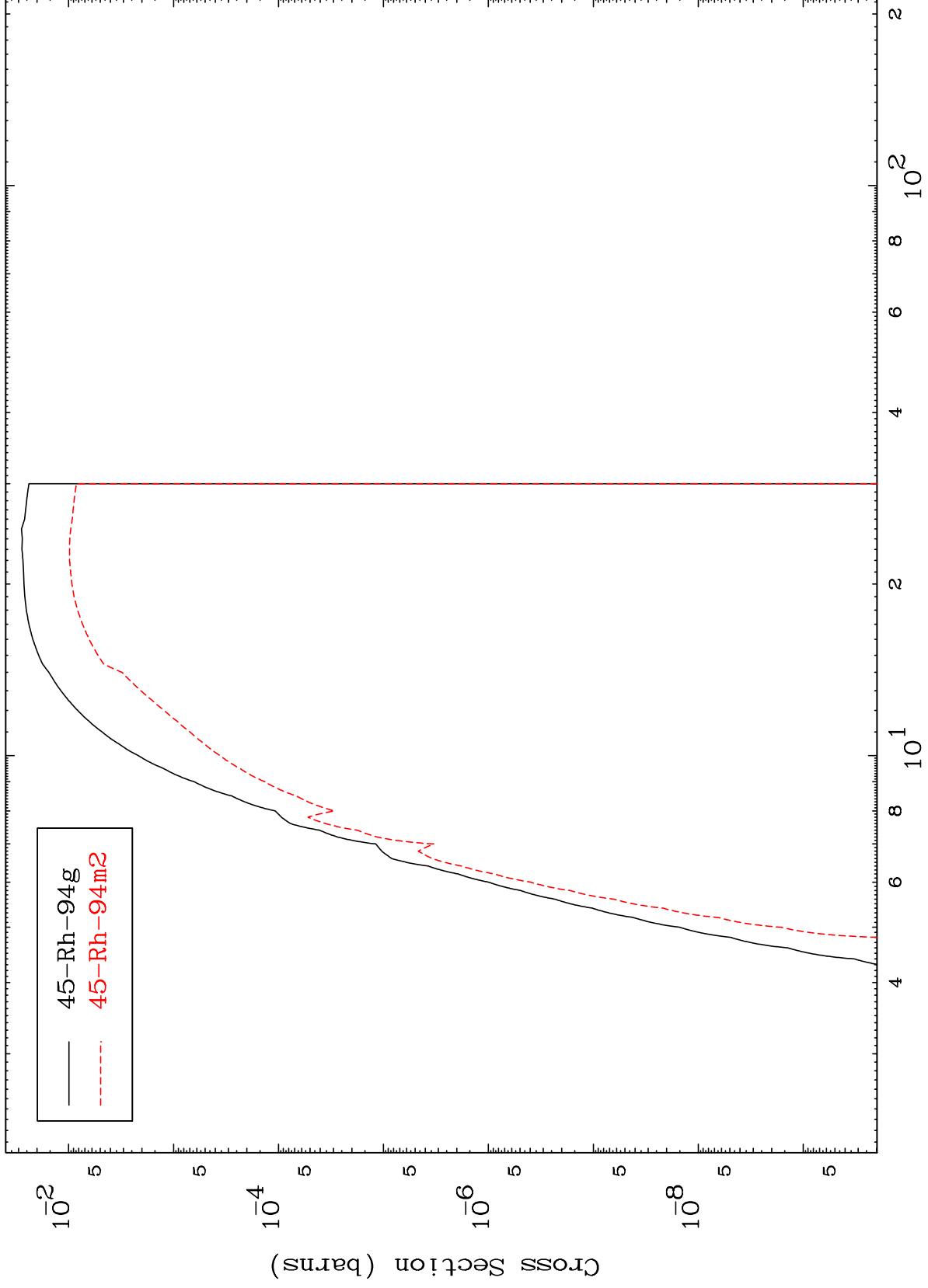
107

46-Pd-95

MAT 4604

46-Pd-95

(n,d)
Radionuclide Production Cross Section



— 45-Rh-94g
- - - 45-Rh-94m2

108

46-Pd-95

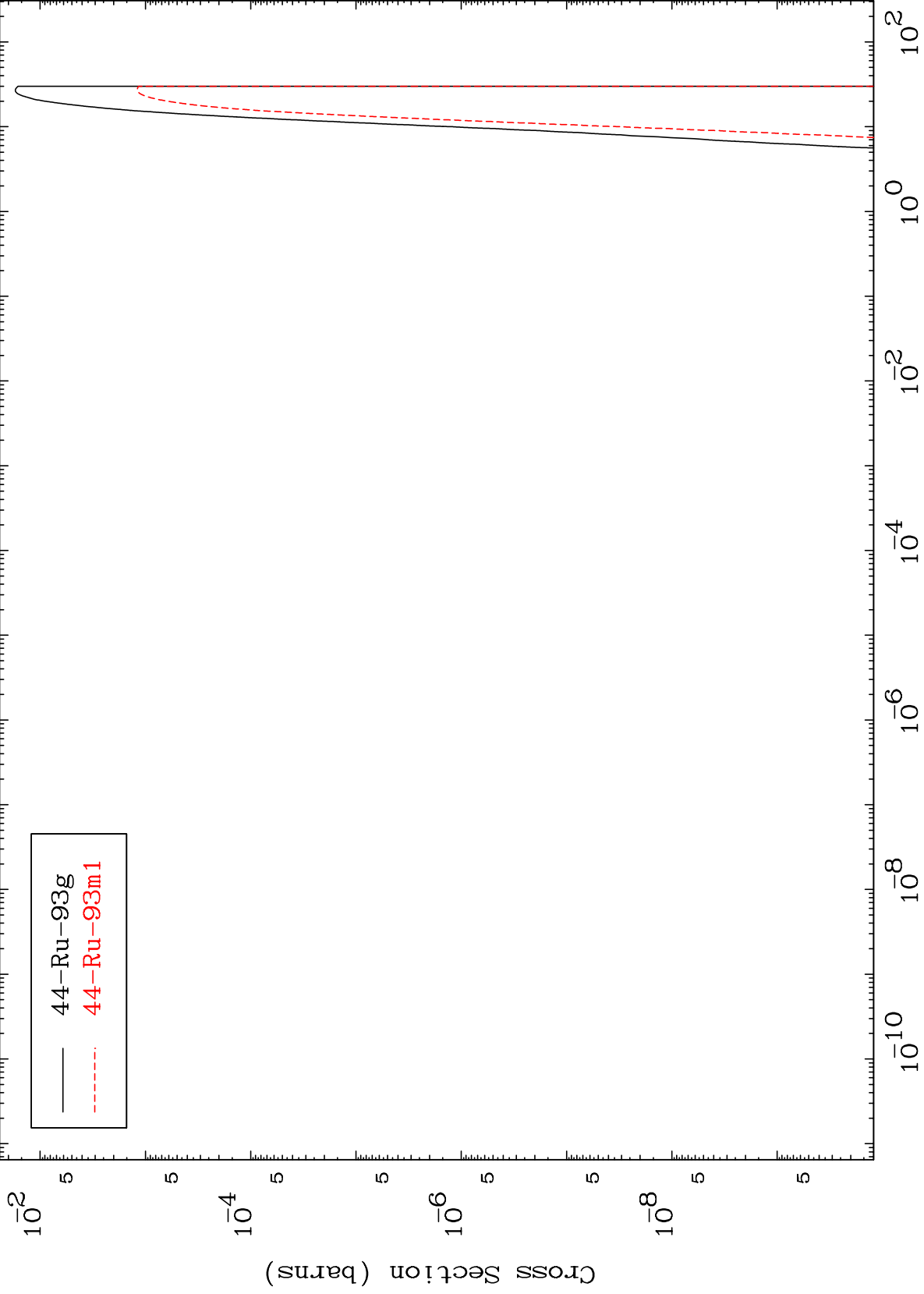
Incident Energy (MeV)

MAT 4604

(n,He-3)

46-Pd-95

Radionuclide Production Cross Section



— 44-Ru-93g
- - - 44-Ru-93m1

109

Incident Energy (MeV)

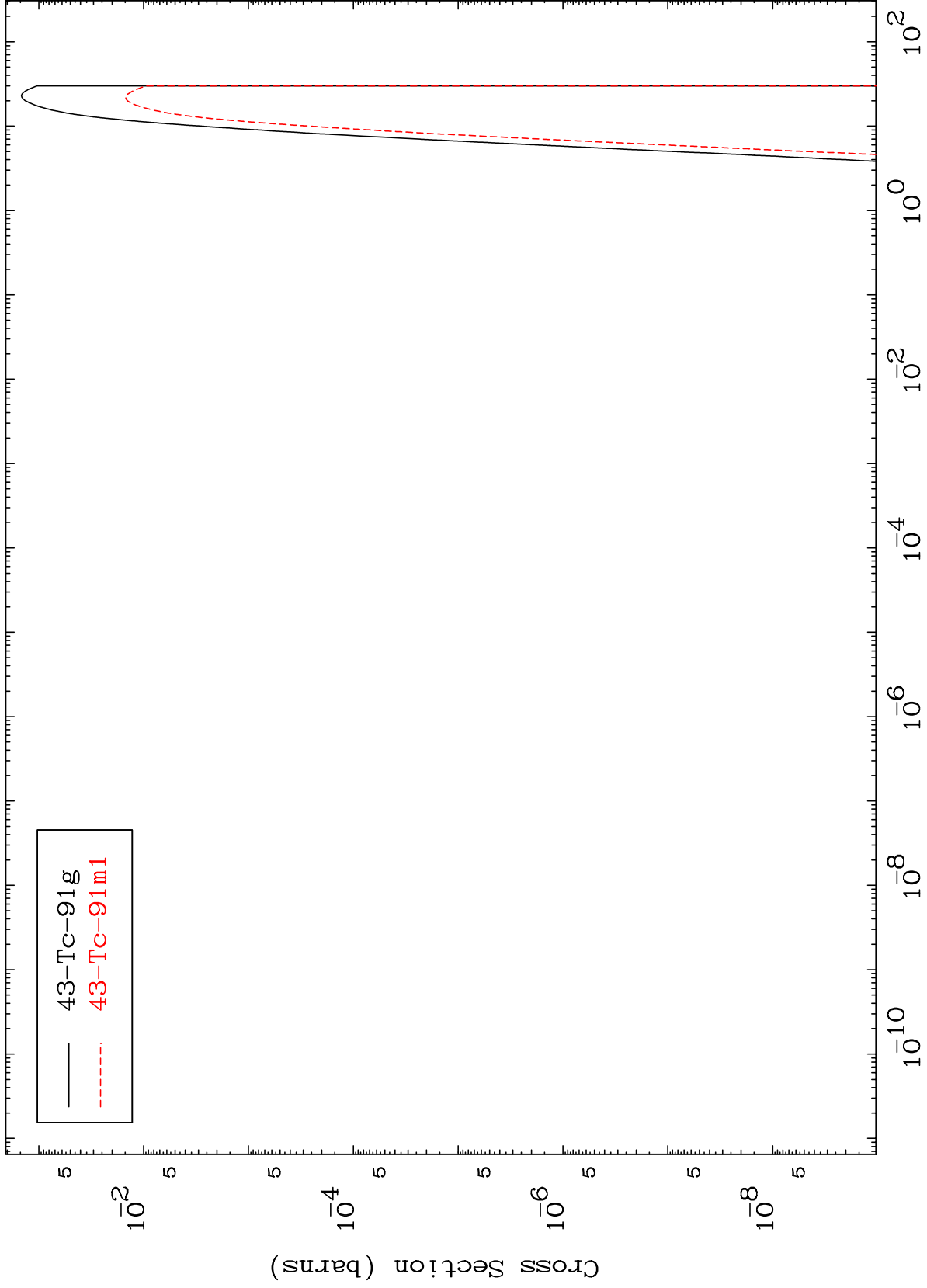
46-Pd-95

MAT 4604

(n,p) α

46-Pd-95

Radionuclide Production Cross Section



110

Incident Energy (MeV)

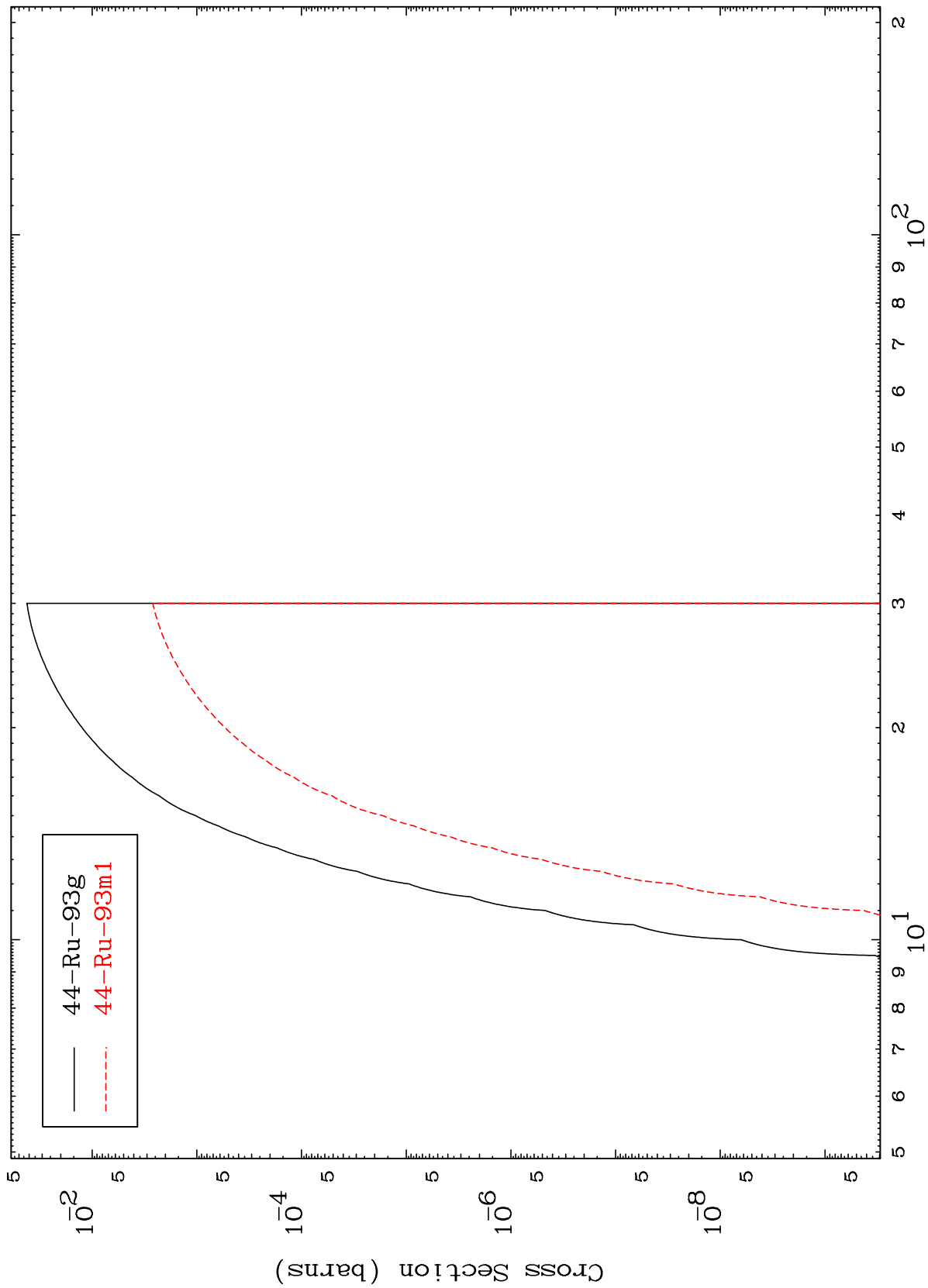
46-Pd-95

MAT 4604

(n,p) d

46-Pd-95

Radionuclide Production Cross Section



111

Incident Energy (MeV)

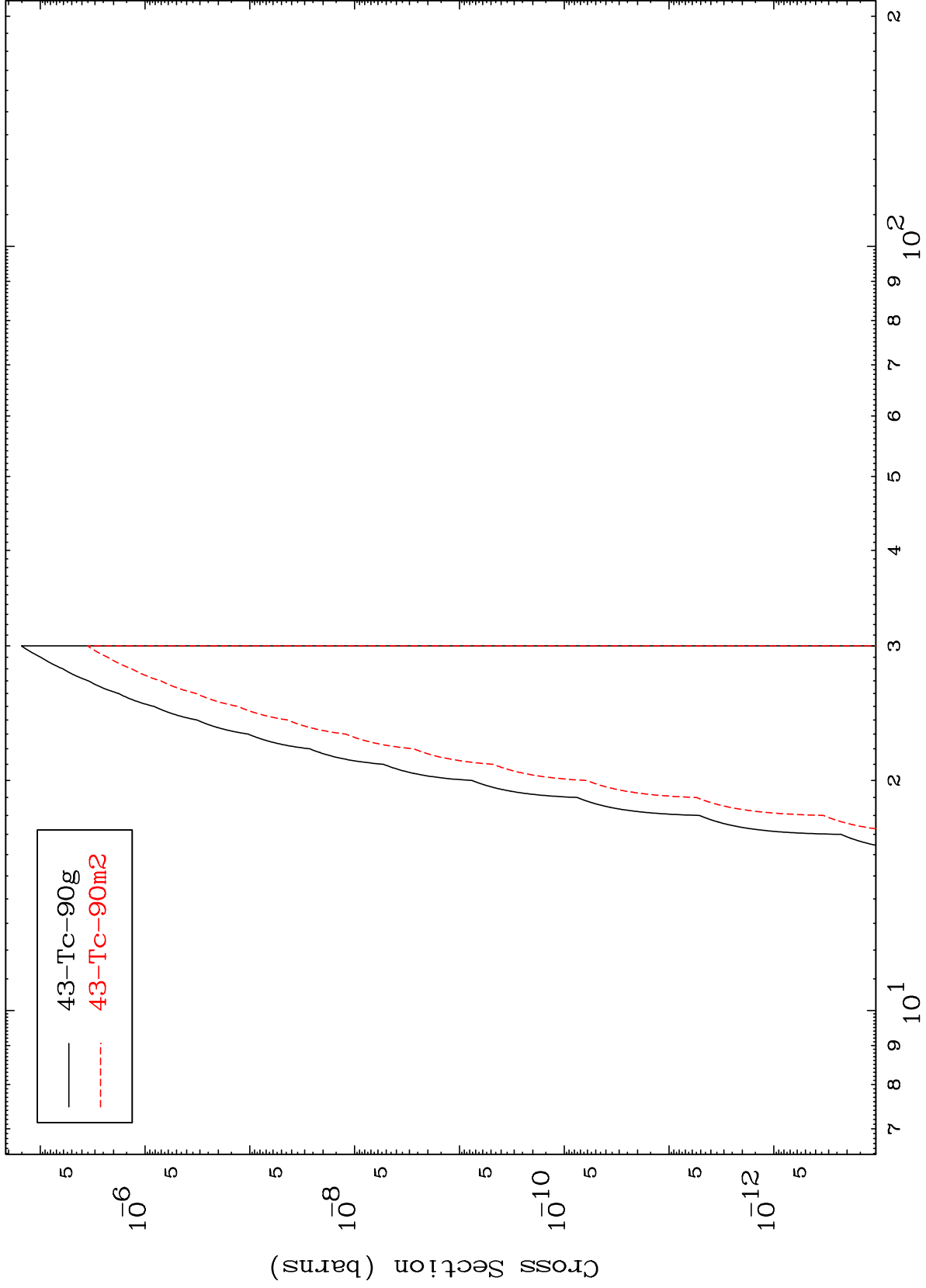
46-Pd-95

MAT 4604

(n,d) α

46-Pd-95

Radionuclide Production Cross Section



112

Incident Energy (MeV)

46-Pd-95