

Program EVALPLOT
(Version 2018-1)

by

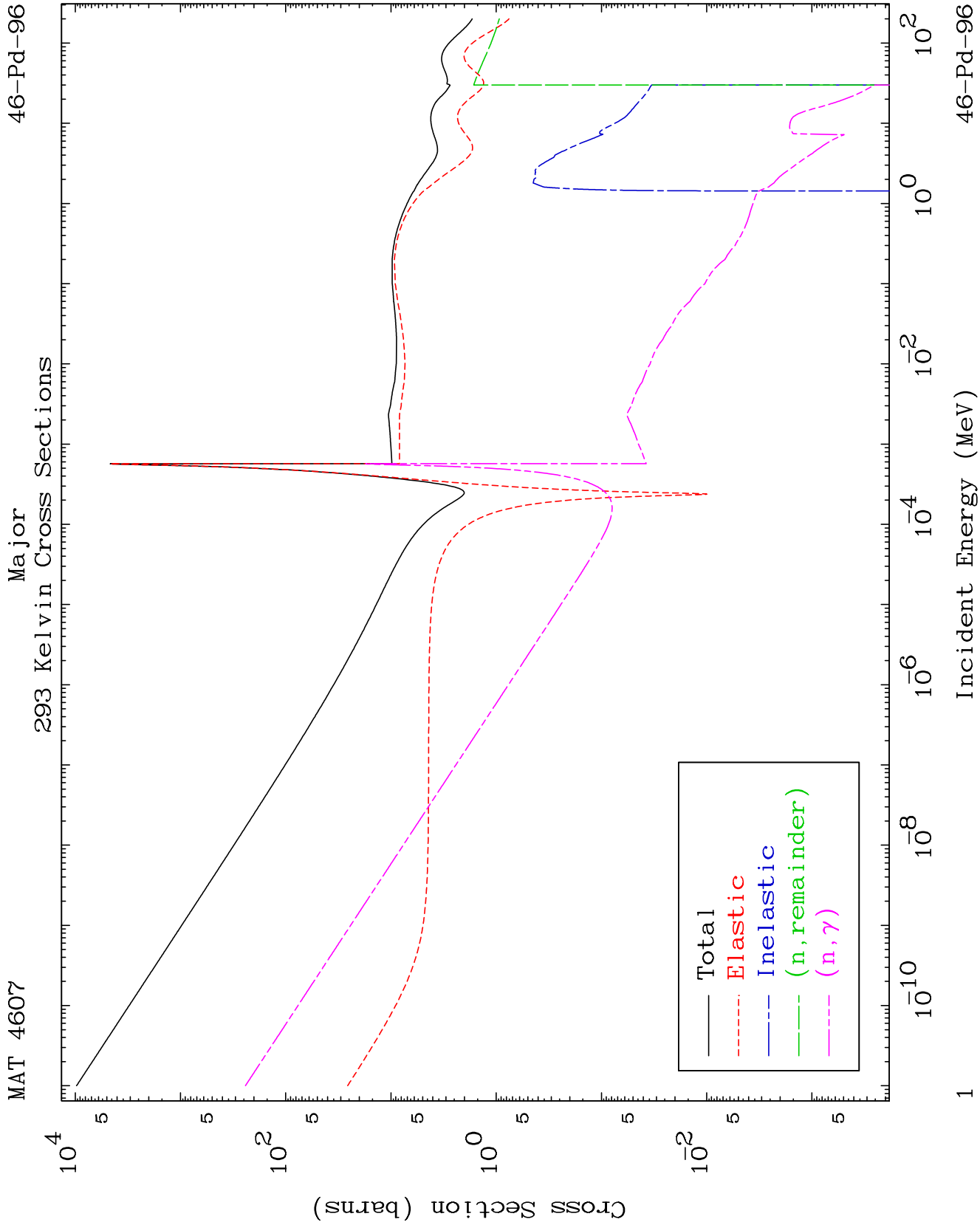
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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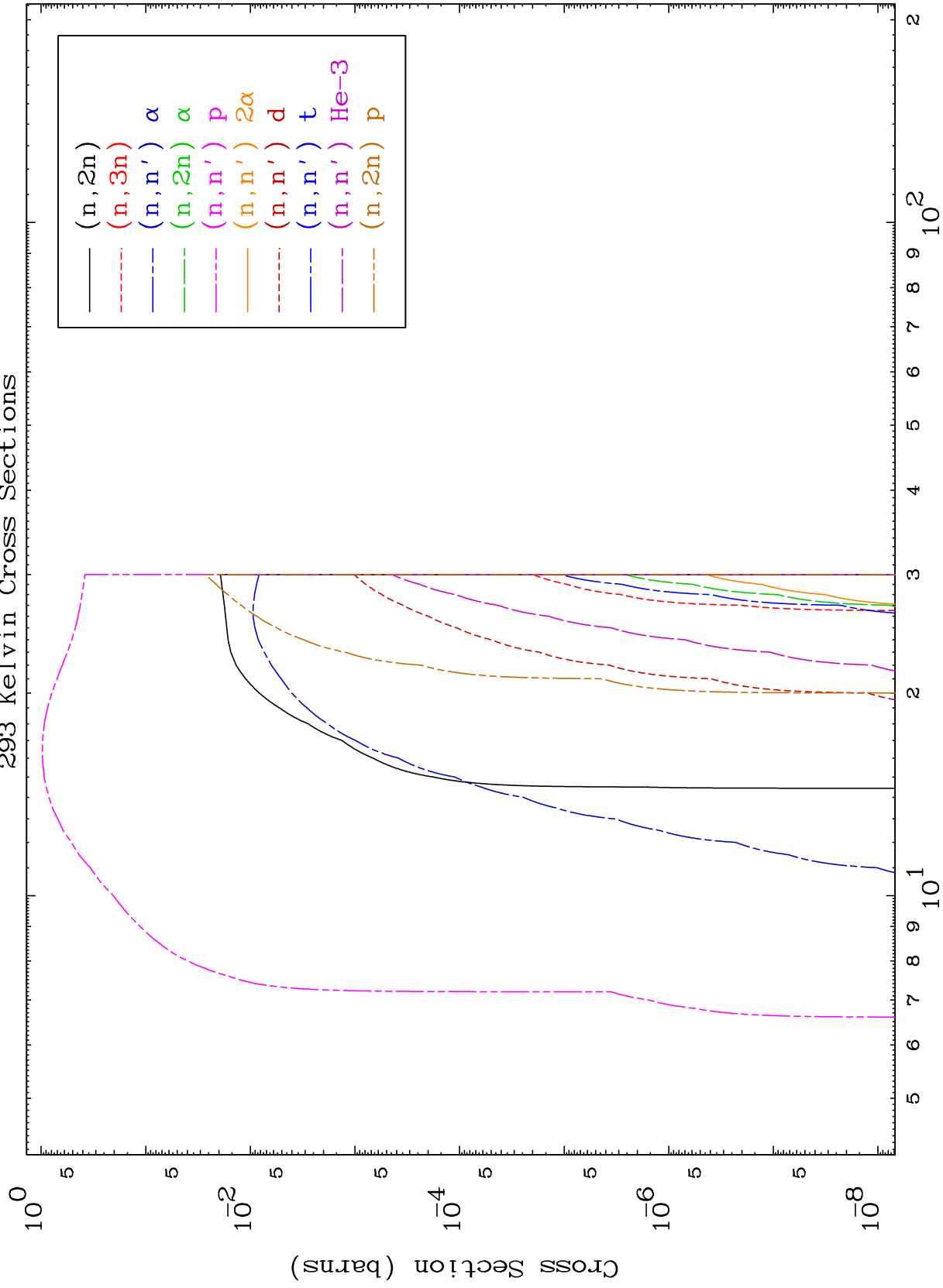
Press Mouse Button to Start



MAT 4607

Neutron Production
293 Kelvin Cross Sections

46-Pd-96



2

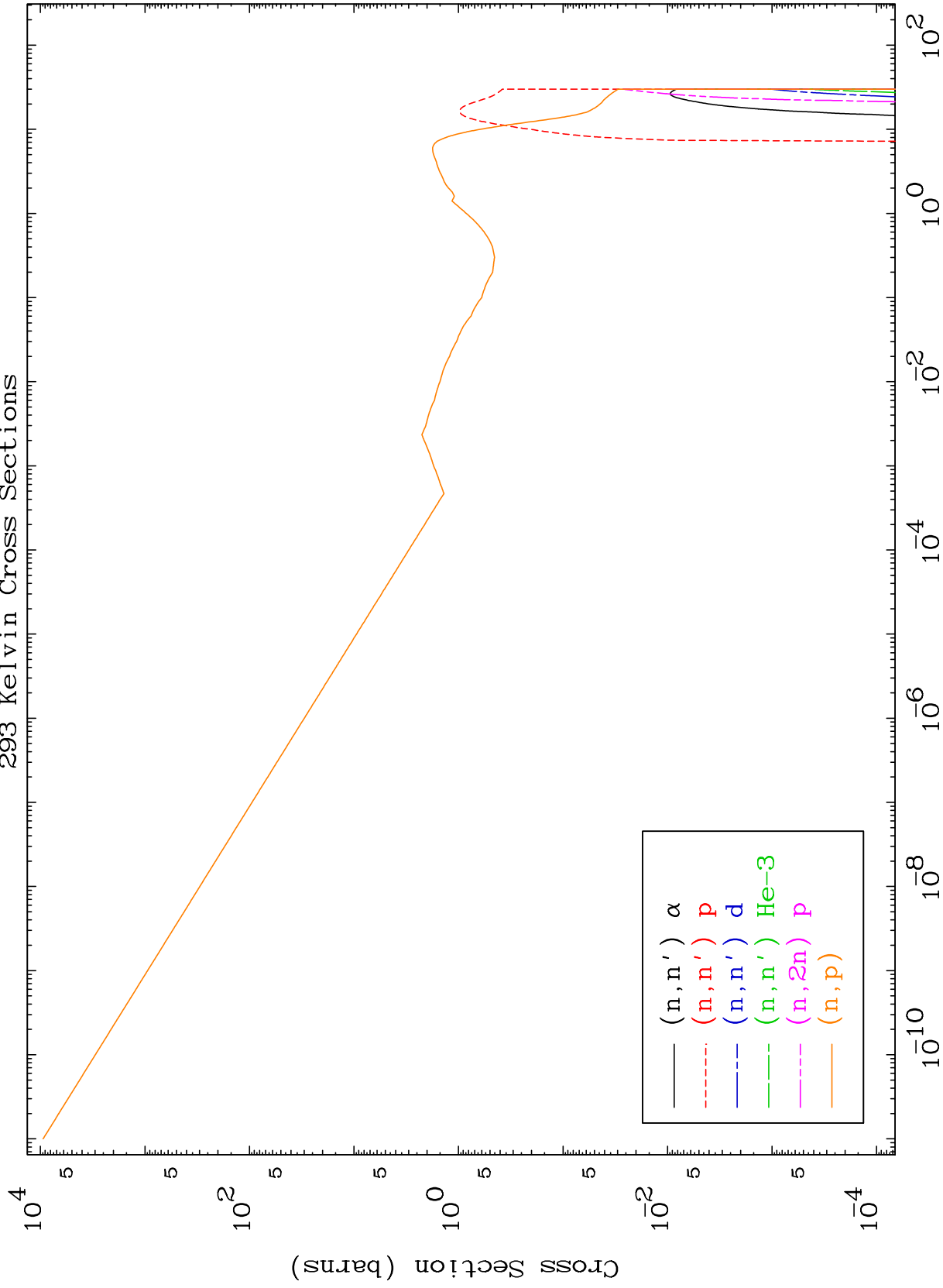
Incident Energy (MeV)

46-Pd-96

MAT 4607

293 Kelvin Cross Sections

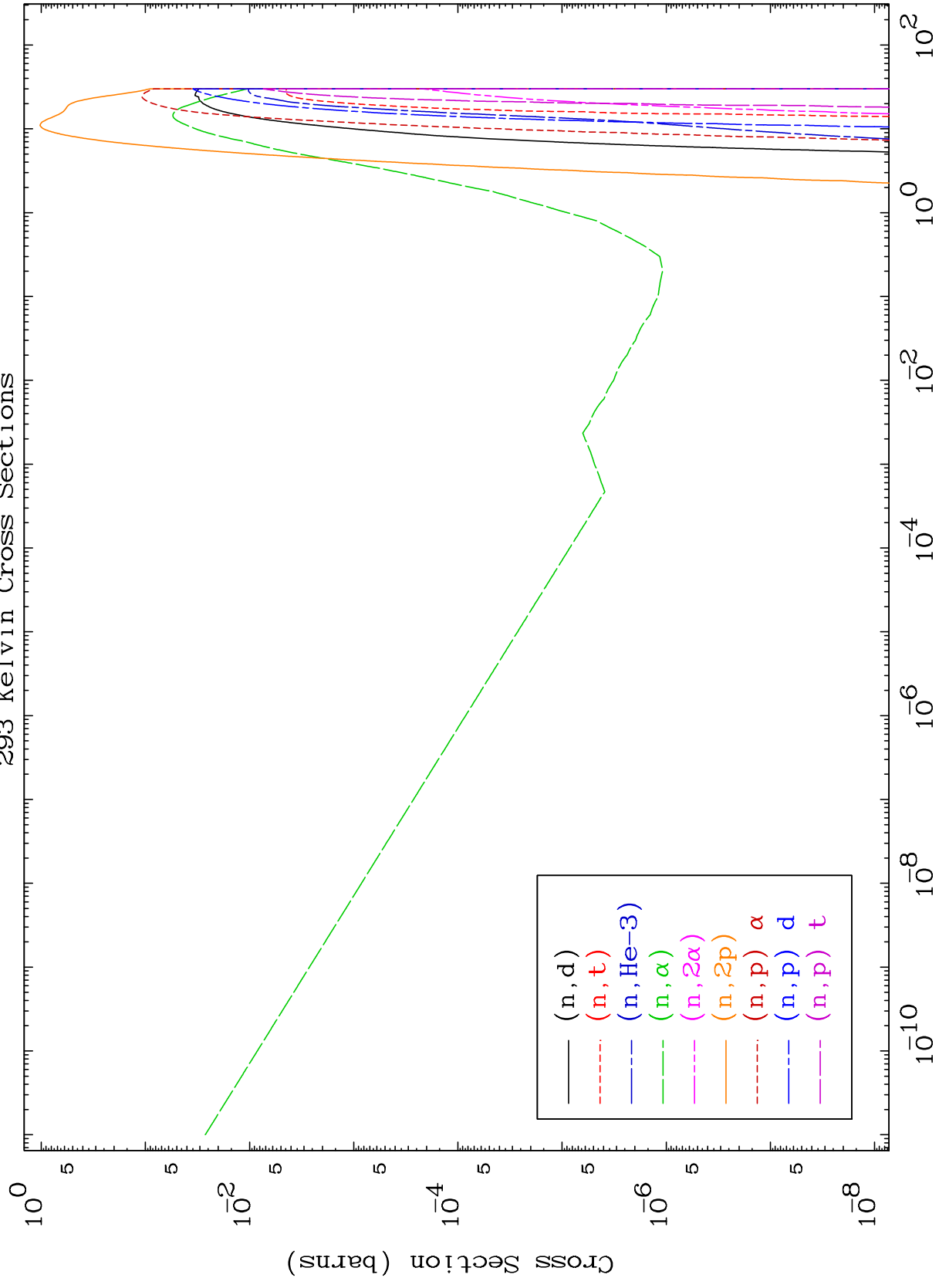
46-Pd-96



MAT 4607

Charged Particle
293 Kelvin Cross Sections

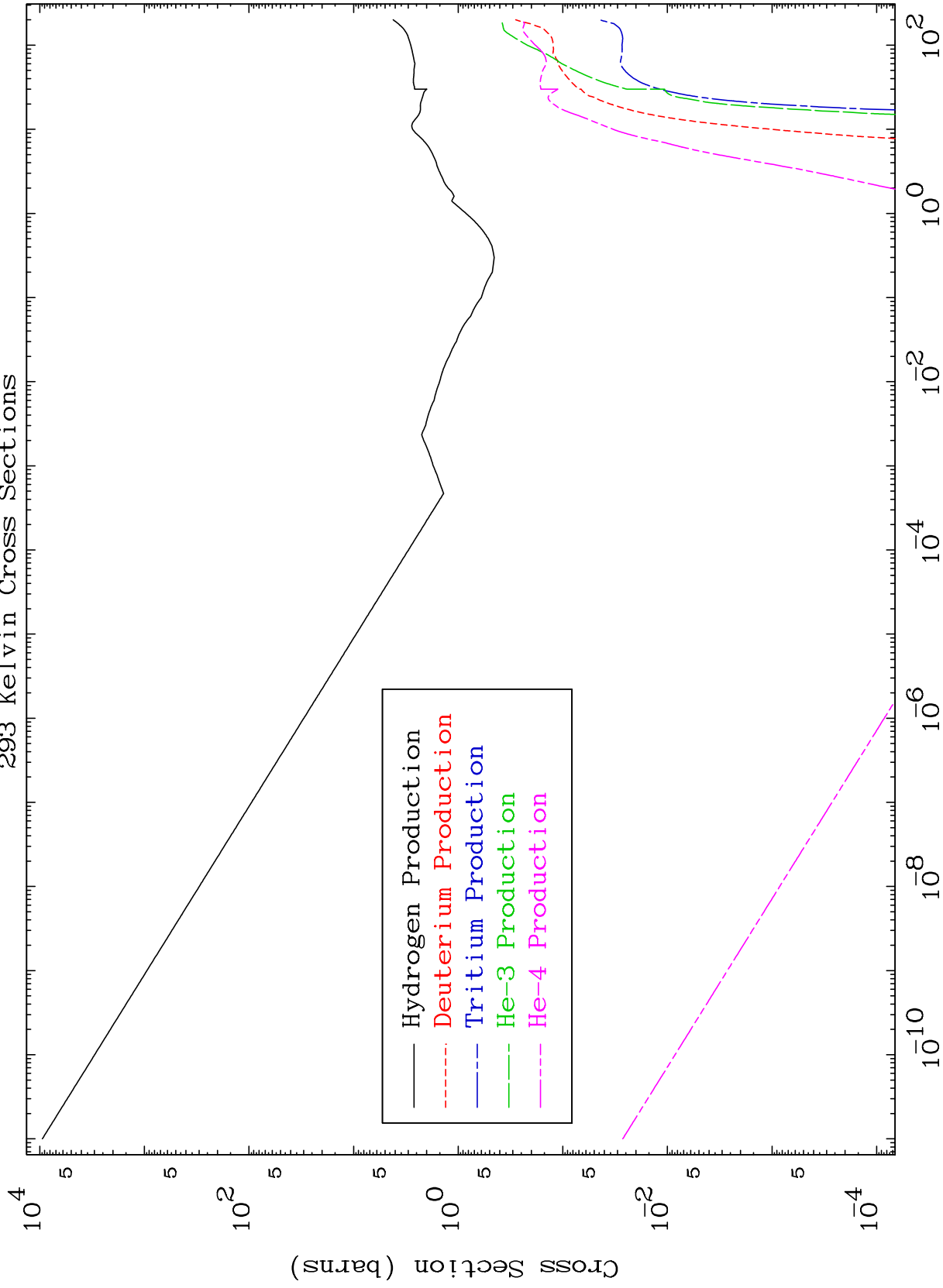
46-Pd-96



MAT 4607

Particle Production
293 Kelvin Cross Sections

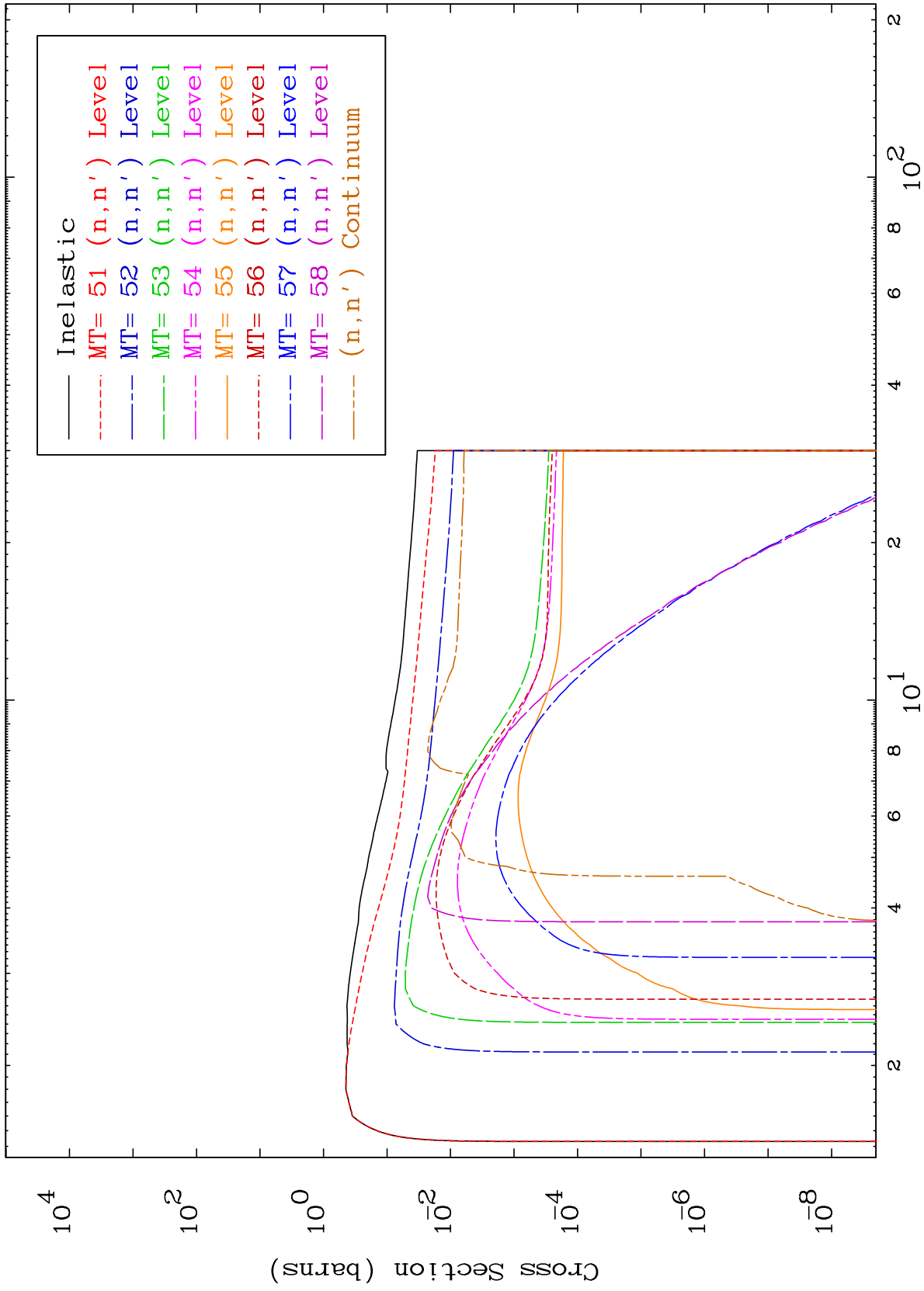
46-Pd-96



5

Incident Energy (MeV)

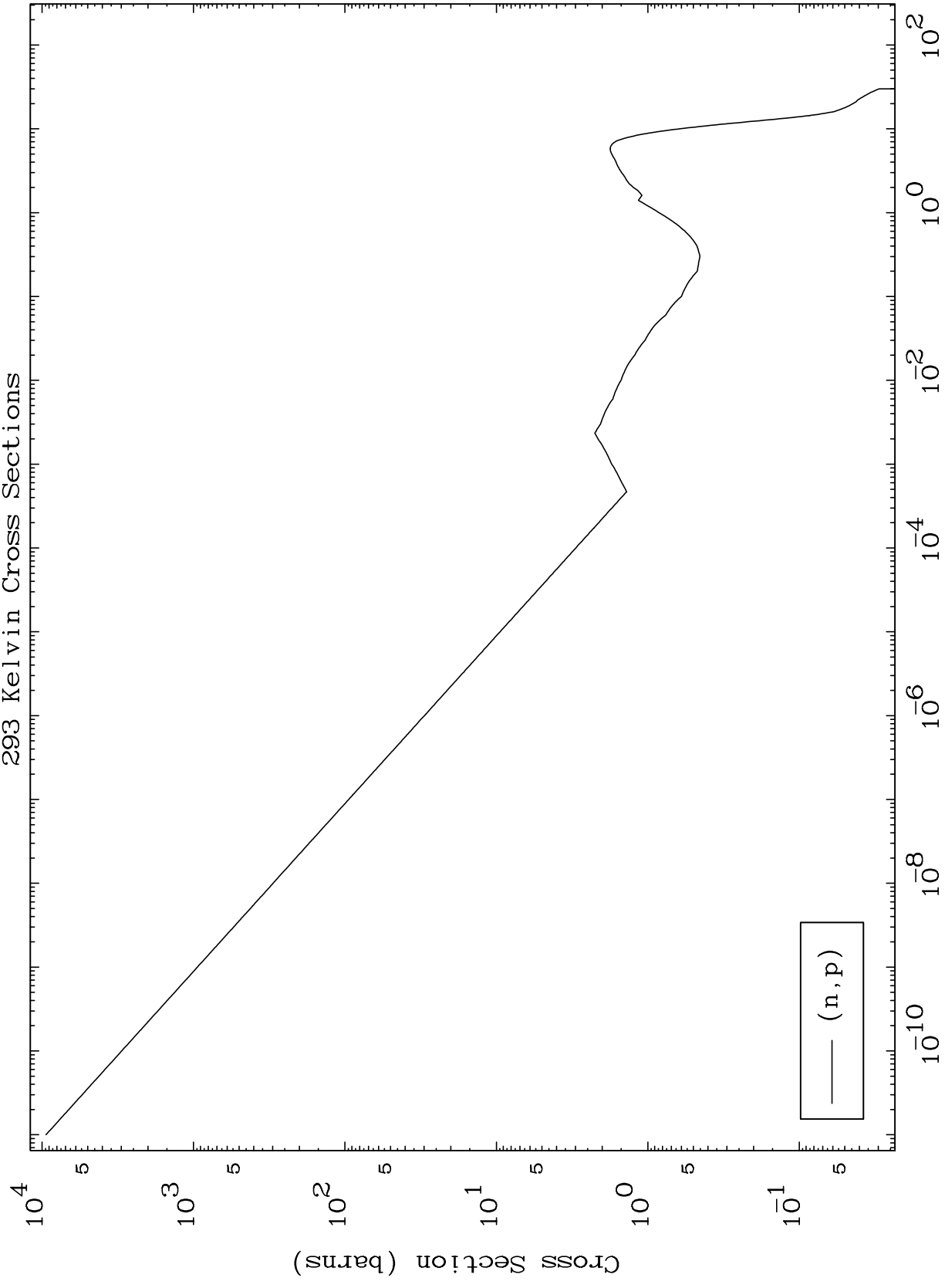
46-Pd-96



MAT 4607

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-96



7

Incident Energy (MeV)

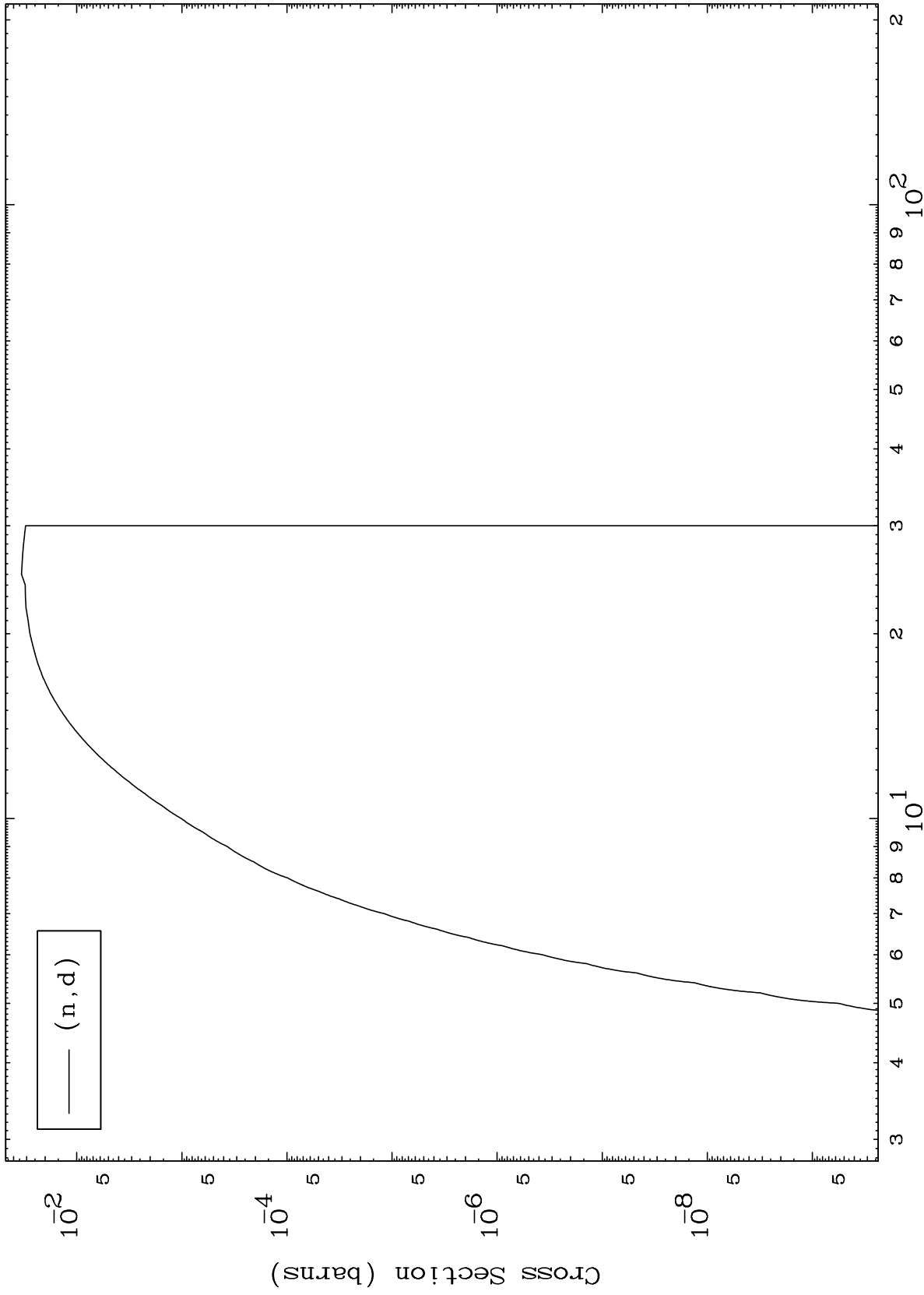
46-Pd-96

(n,p)

MAT 4607

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-96



8

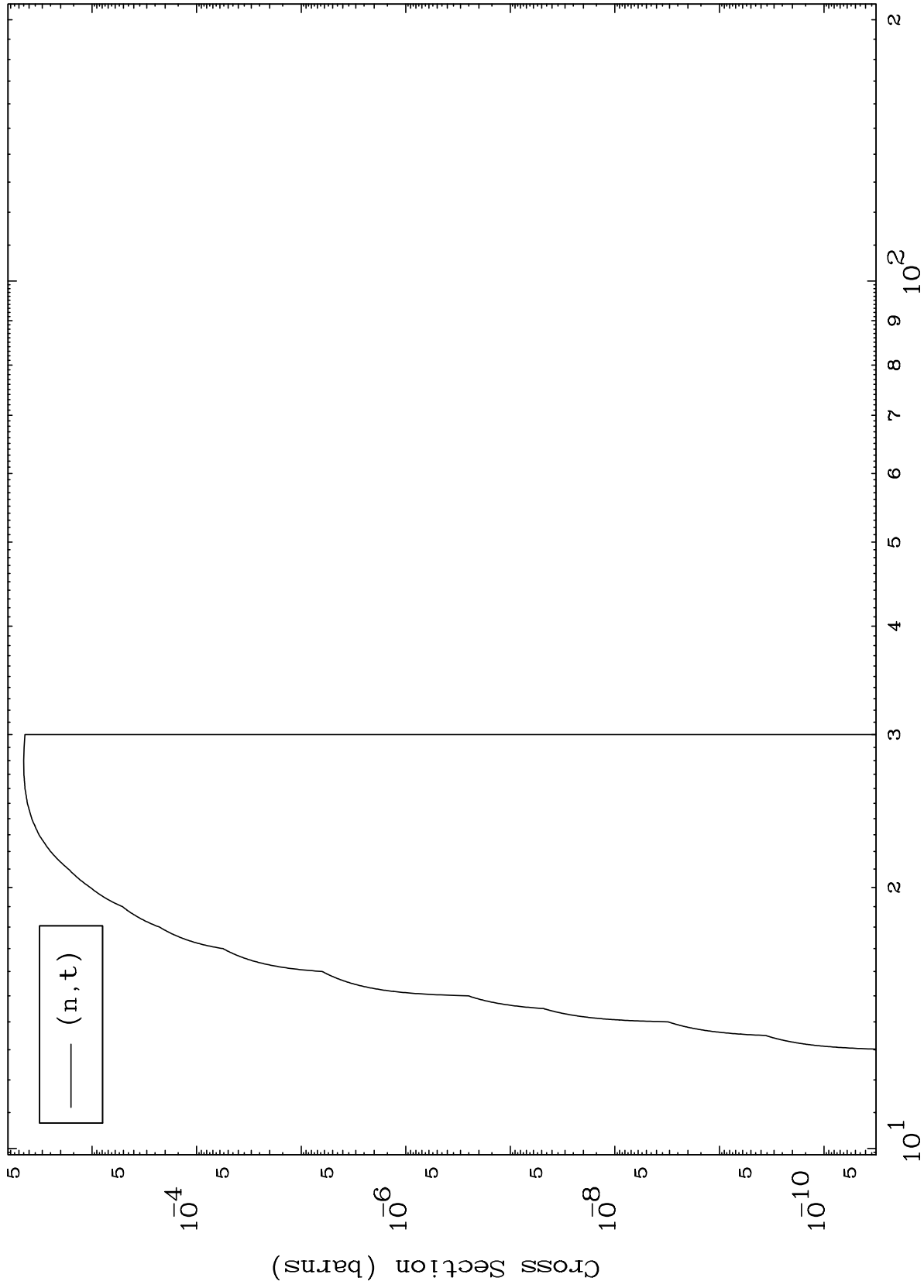
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-96



9

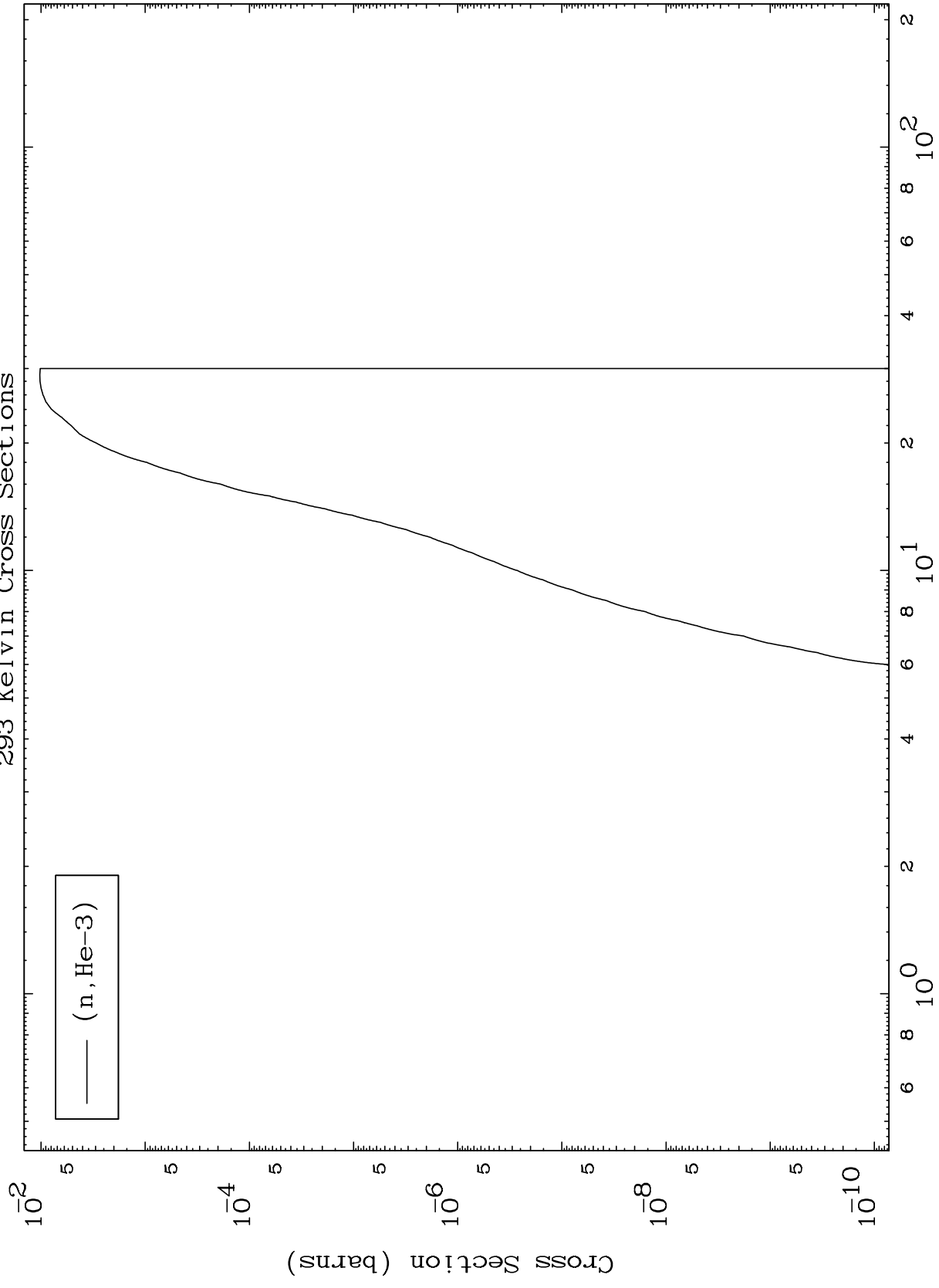
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-96



10

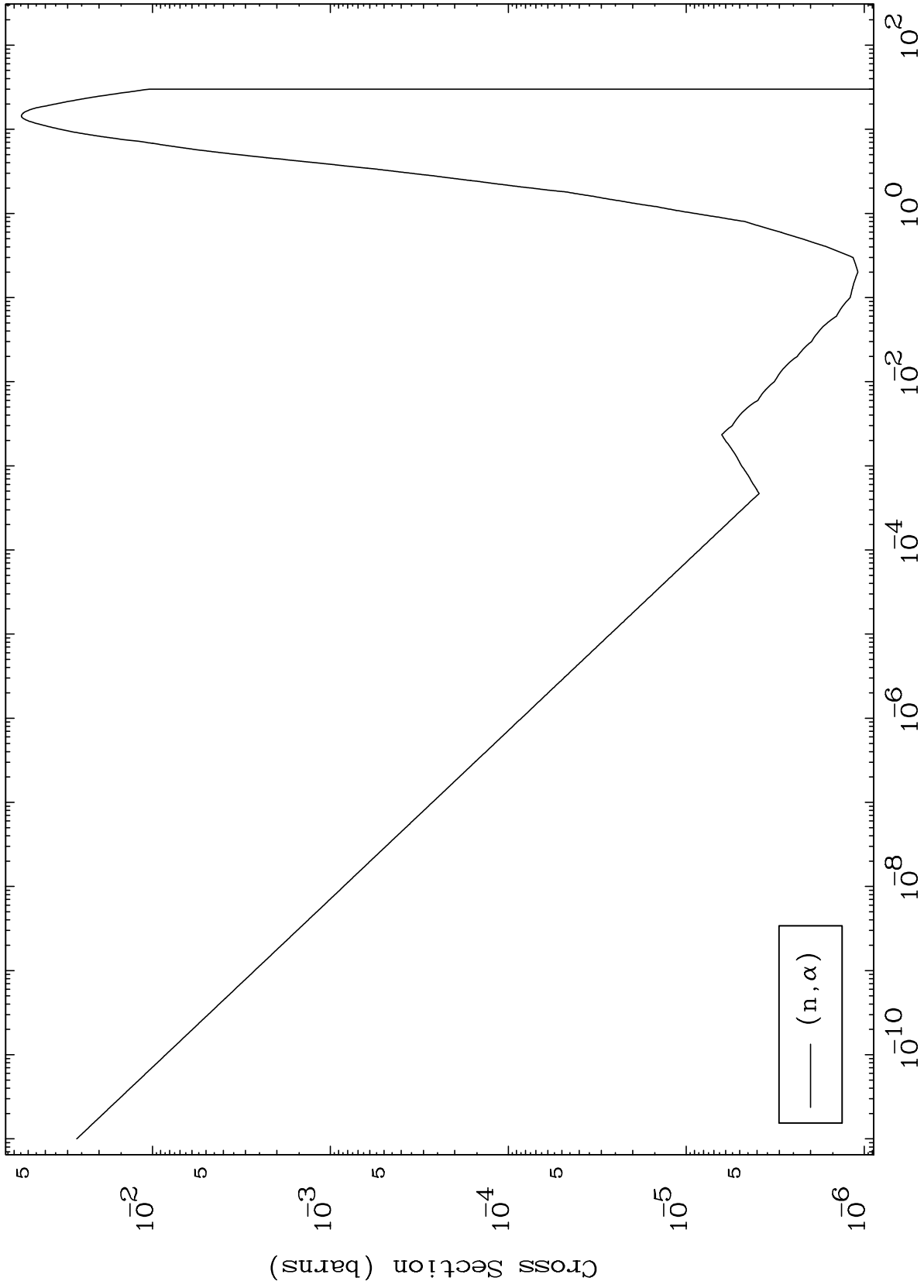
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n,α) Levels
293 Kelvin Cross Sections

46-Pd-96

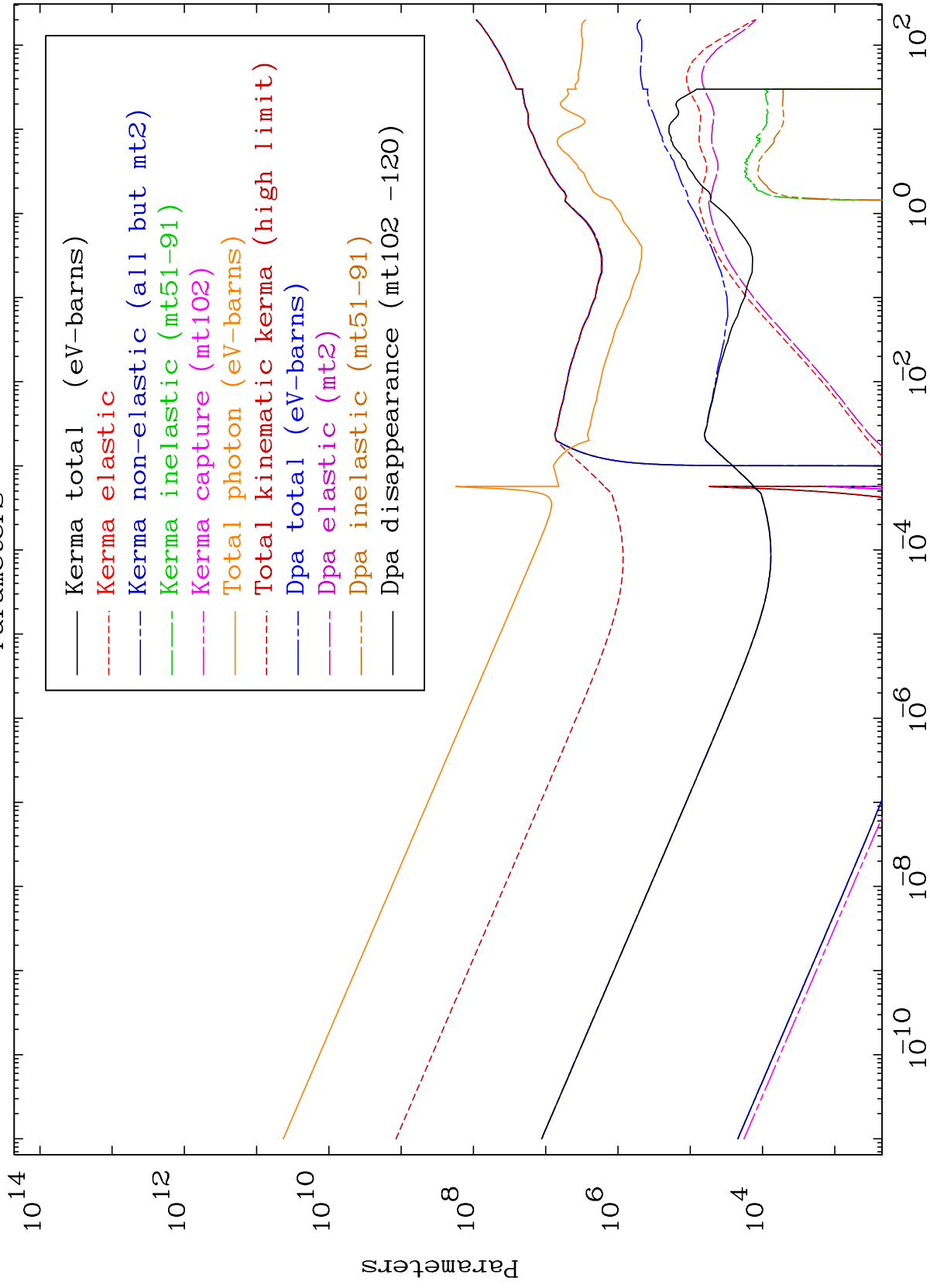


11

Incident Energy (MeV)

46-Pd-96

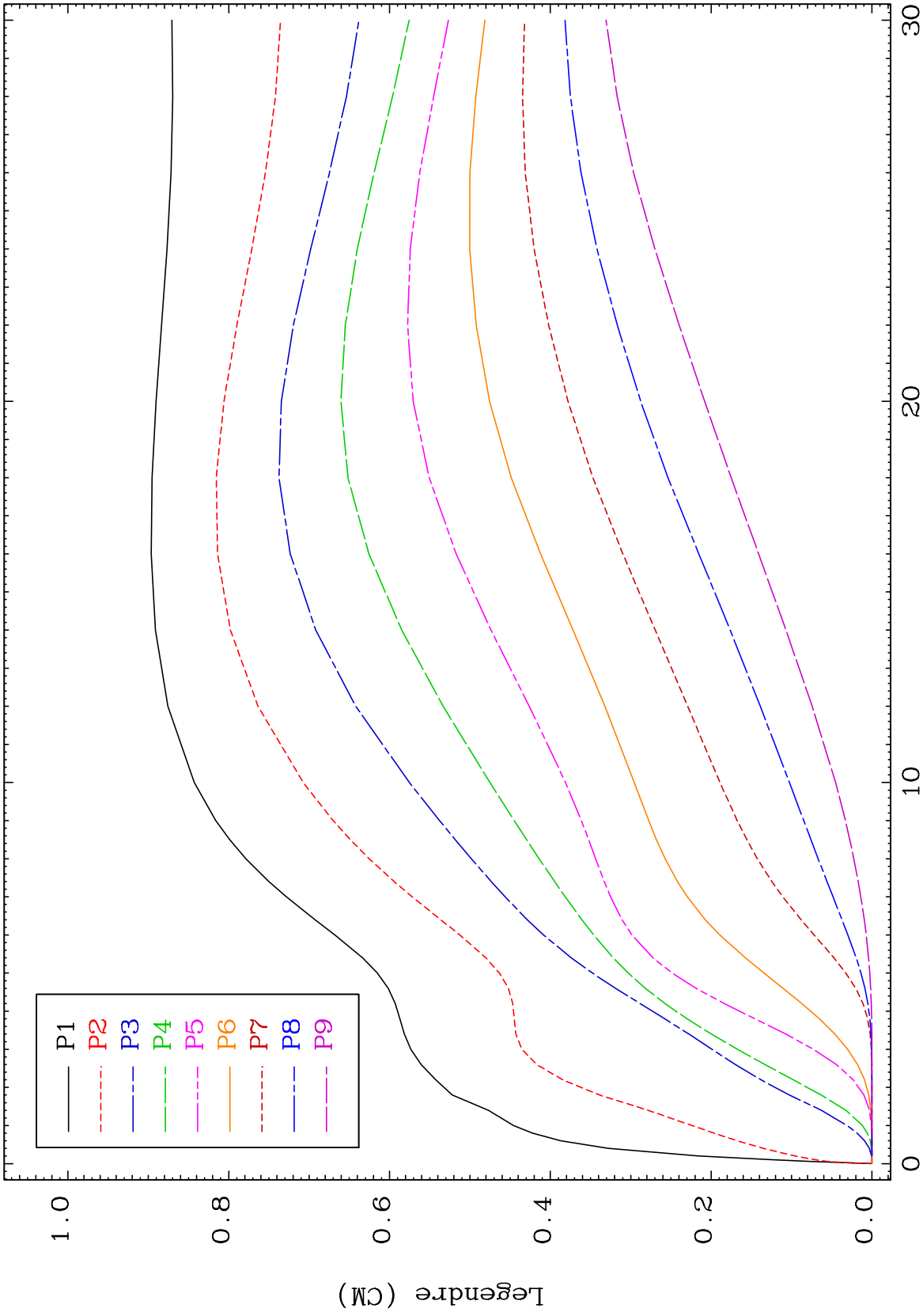
(n,α)



MAT 4607

Elastic Legendre Coefficients

46-Pd-96



13

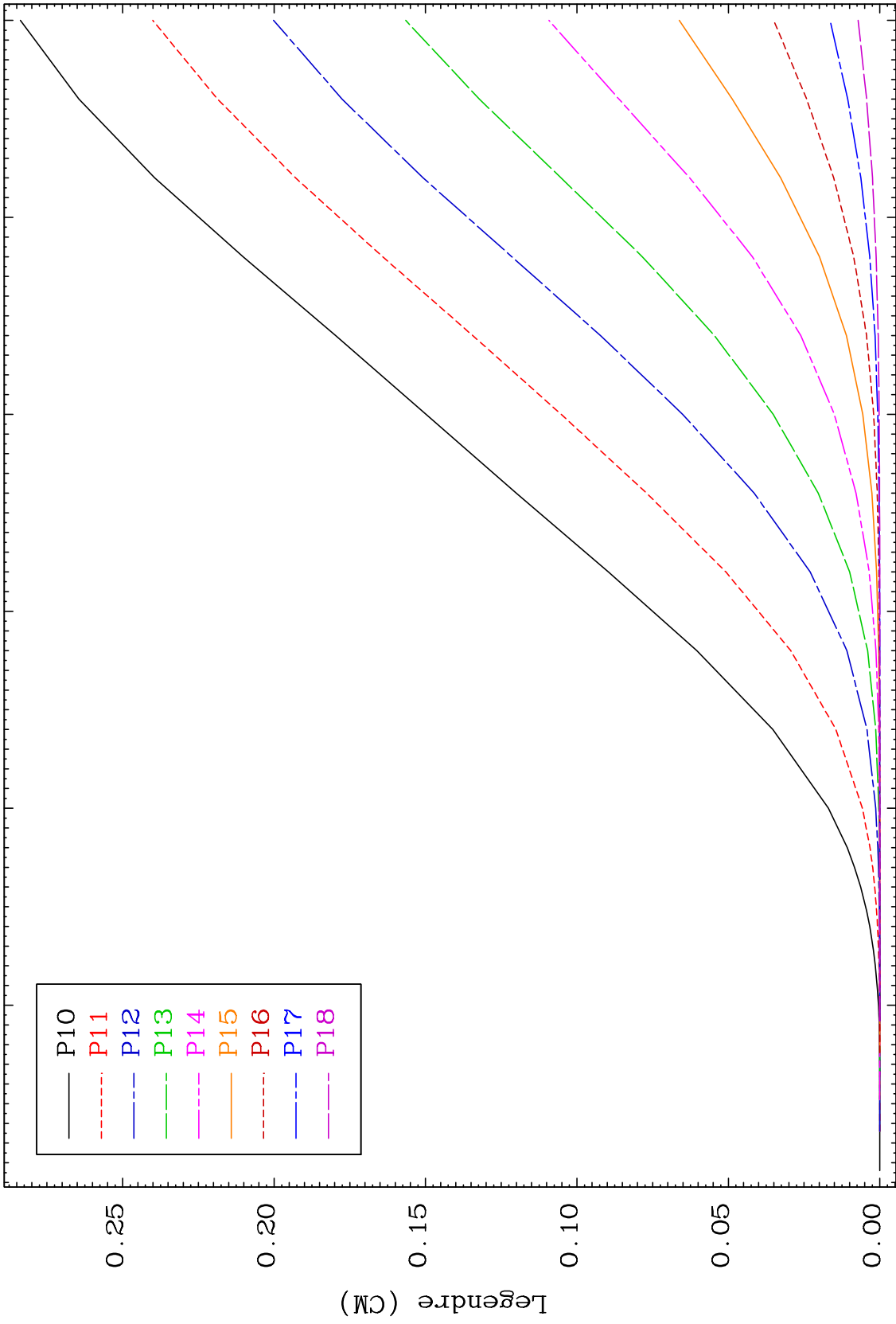
Incident Energy (MeV)

46-Pd-96

MAT 4607

Elastic Legendre Coefficients

46-Pd-96



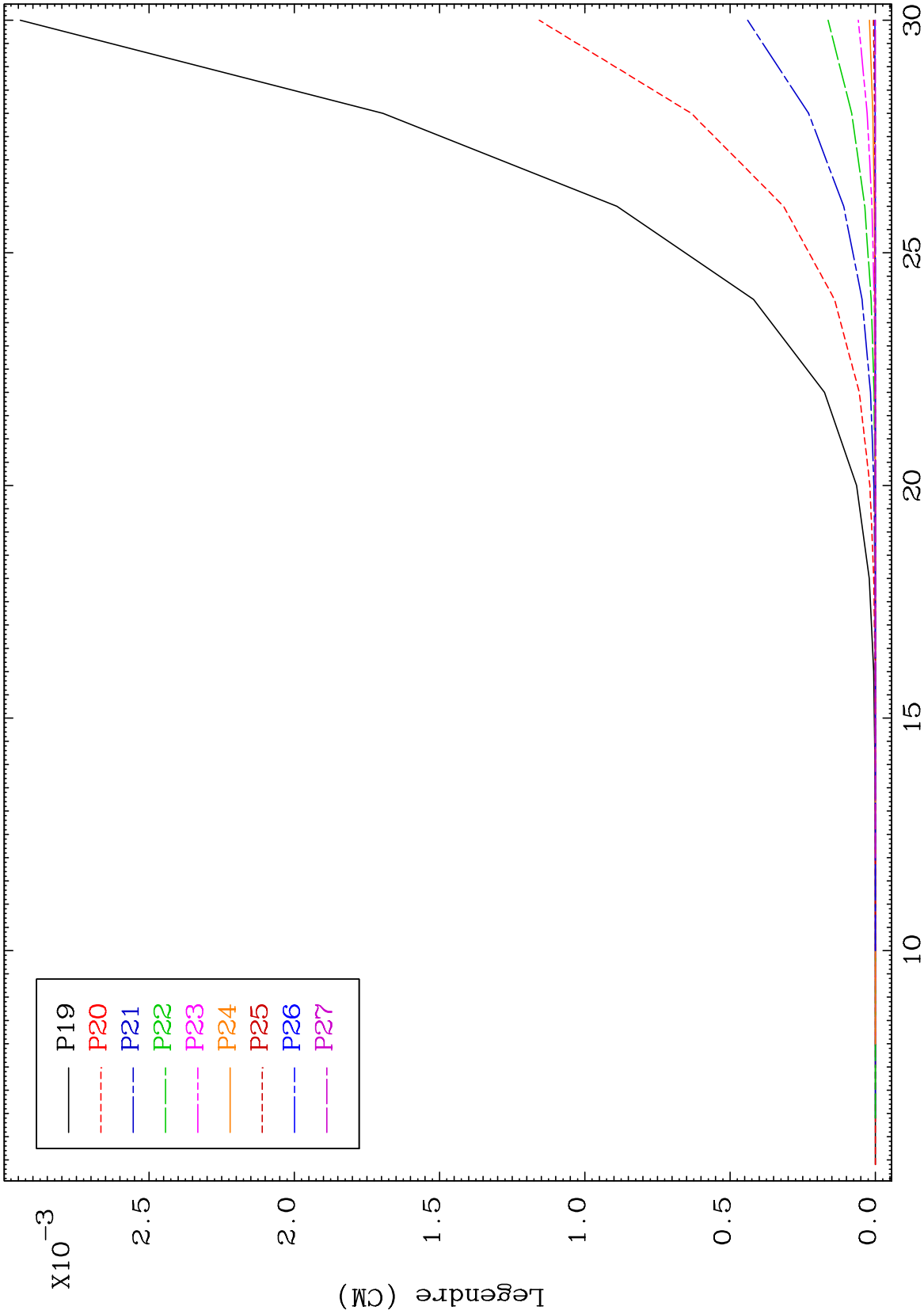
14

46-Pd-96

MAT 4607

Elastic Legendre Coefficients

46-Pd-96



15

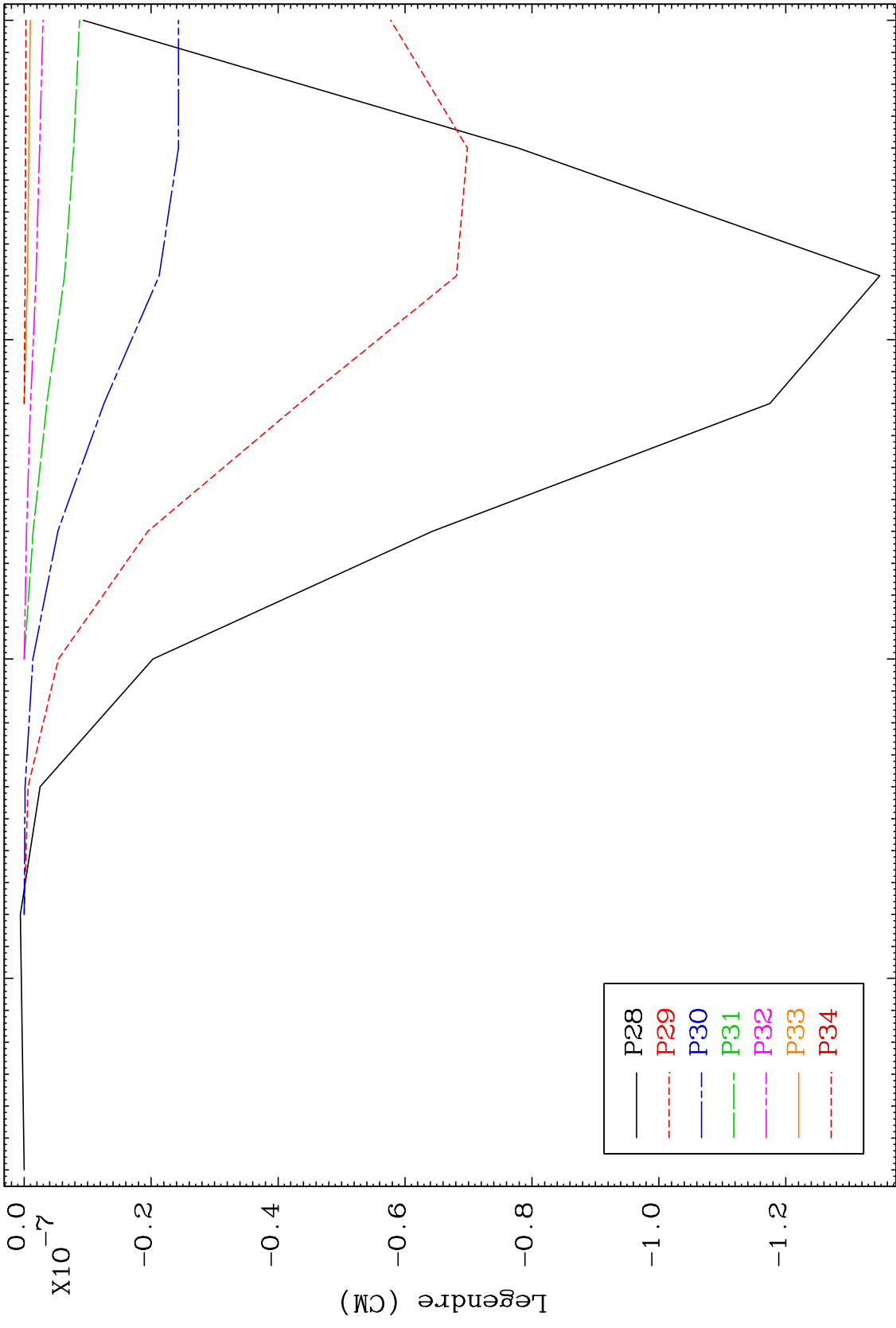
Incident Energy (MeV)

46-Pd-96

MAT 4607

46-Pd-96

Elastic Legendre Coefficients

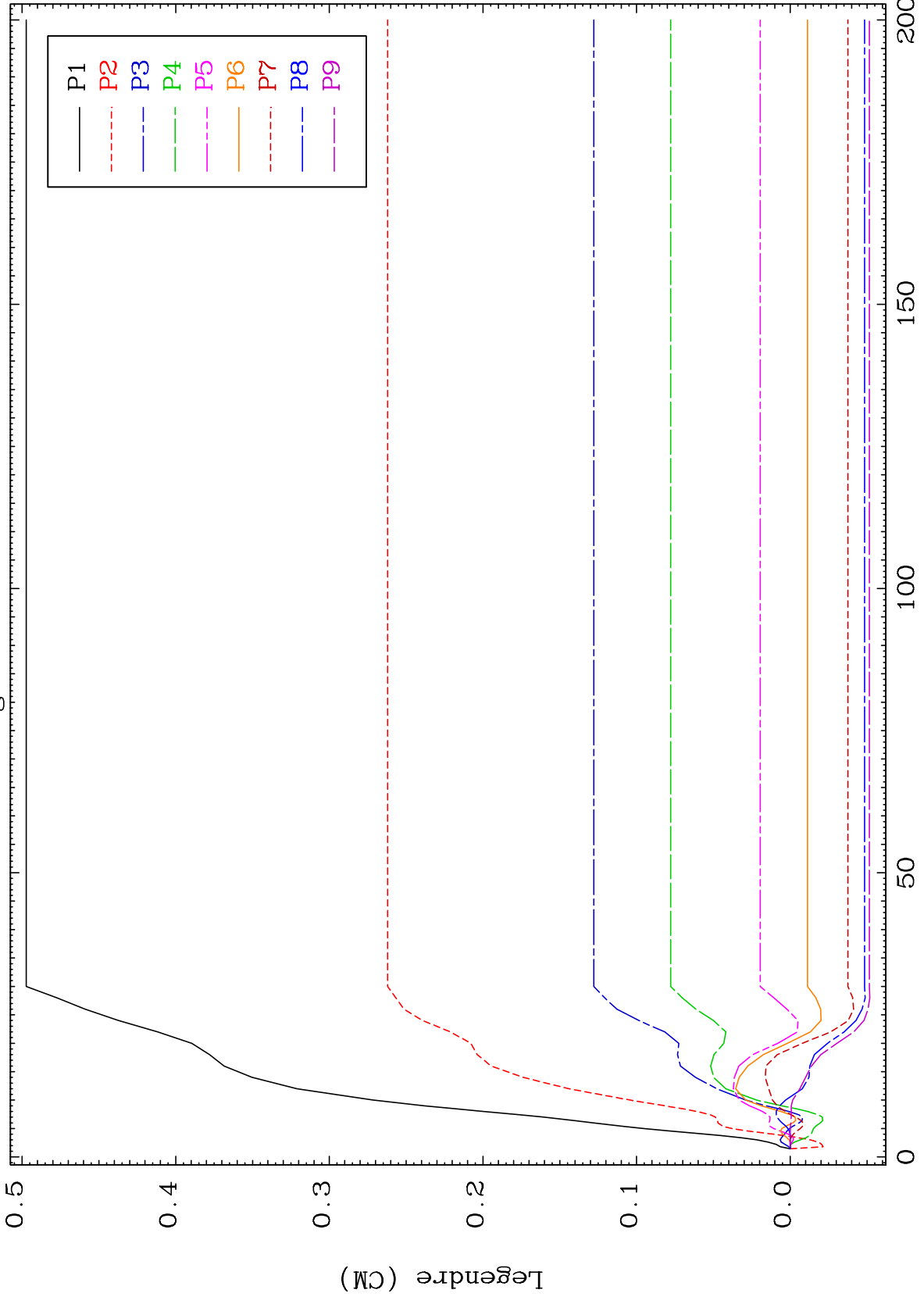


16

Incident Energy (MeV)

46-Pd-96

MAT 4607 MT= 51 (n,n') Level Legendre Coefficients 46-Pd-96

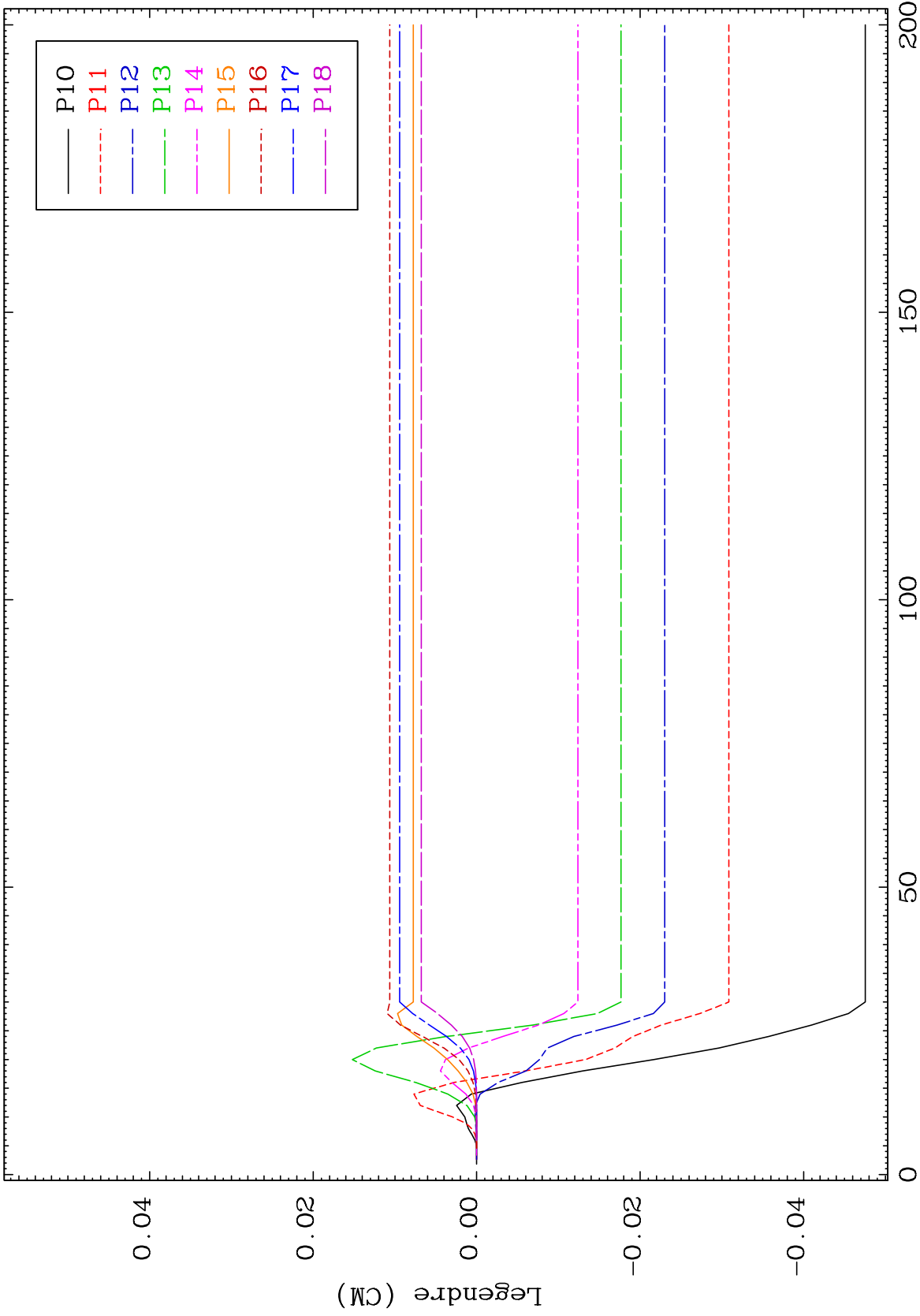


17 46-Pd-96

MAT 4607

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

46-Pd-96



18

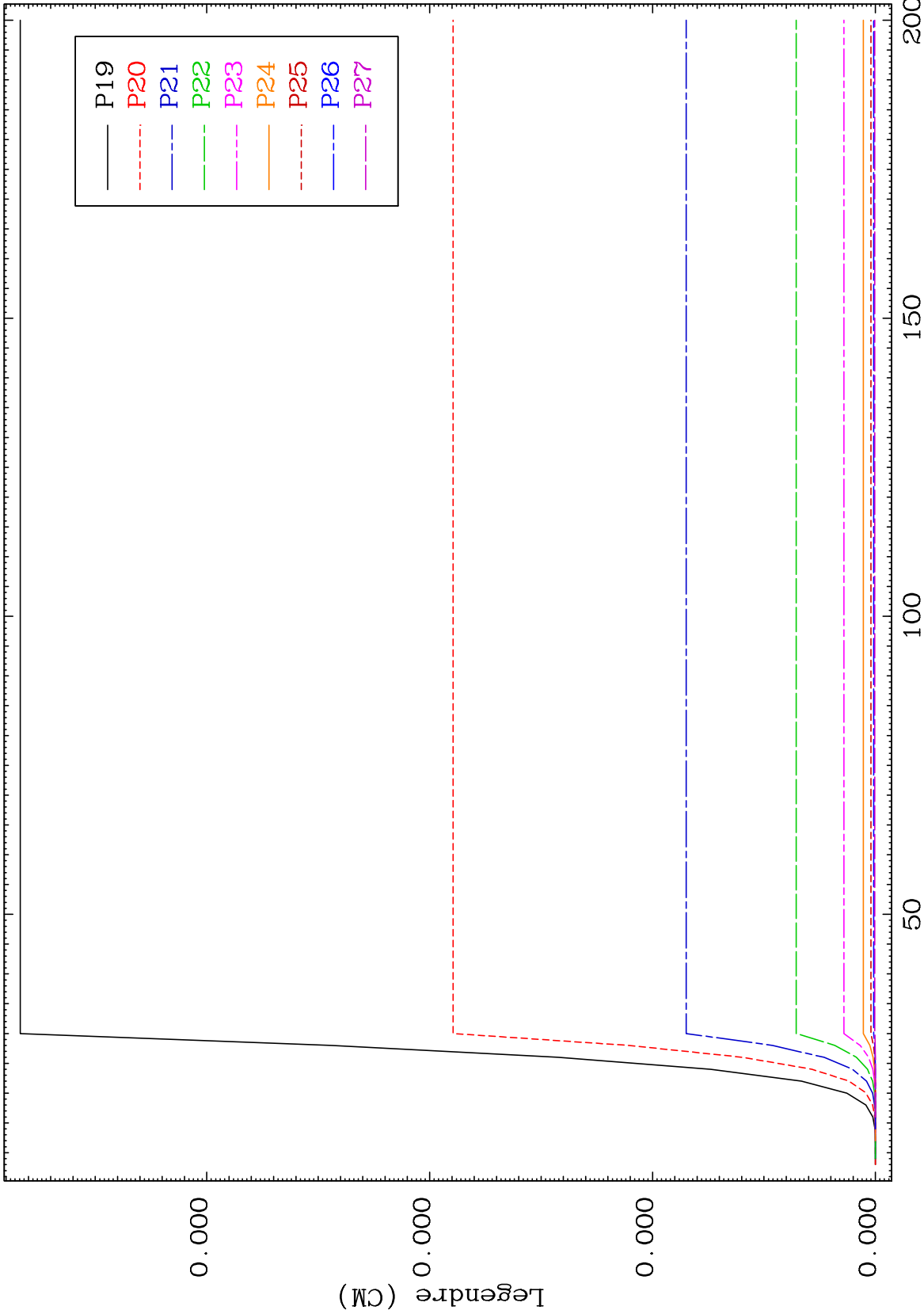
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



19

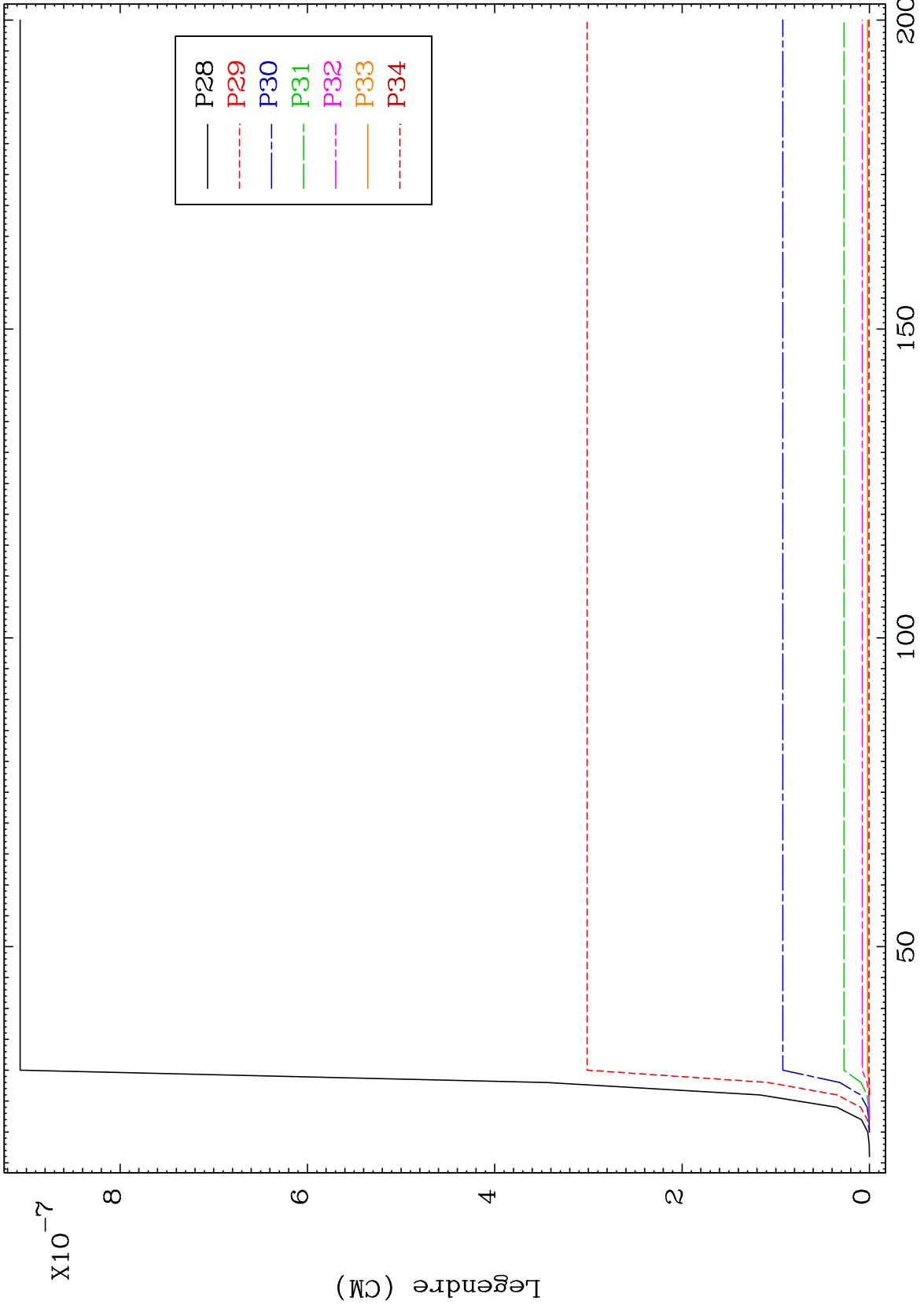
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



20

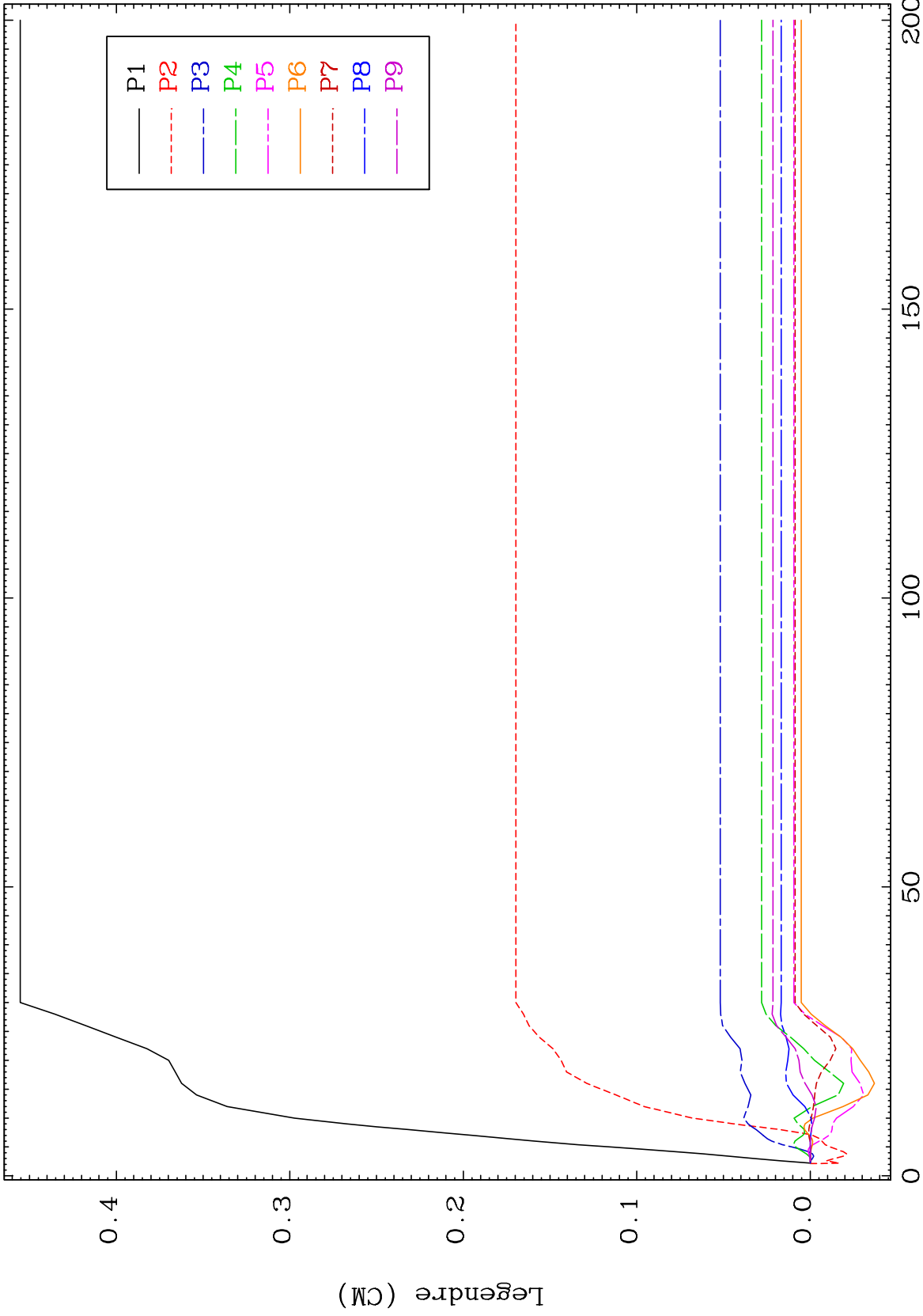
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



21

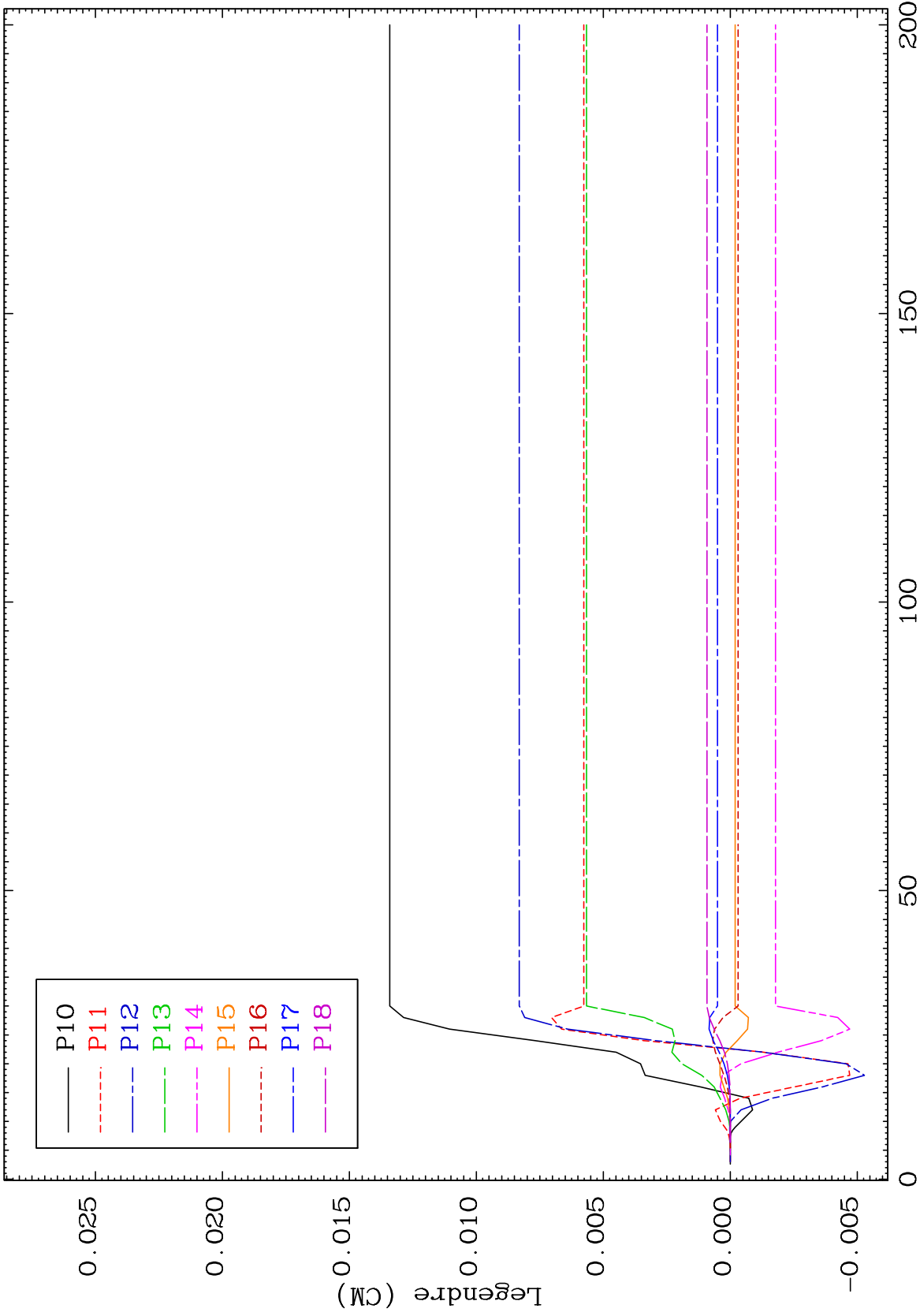
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



22

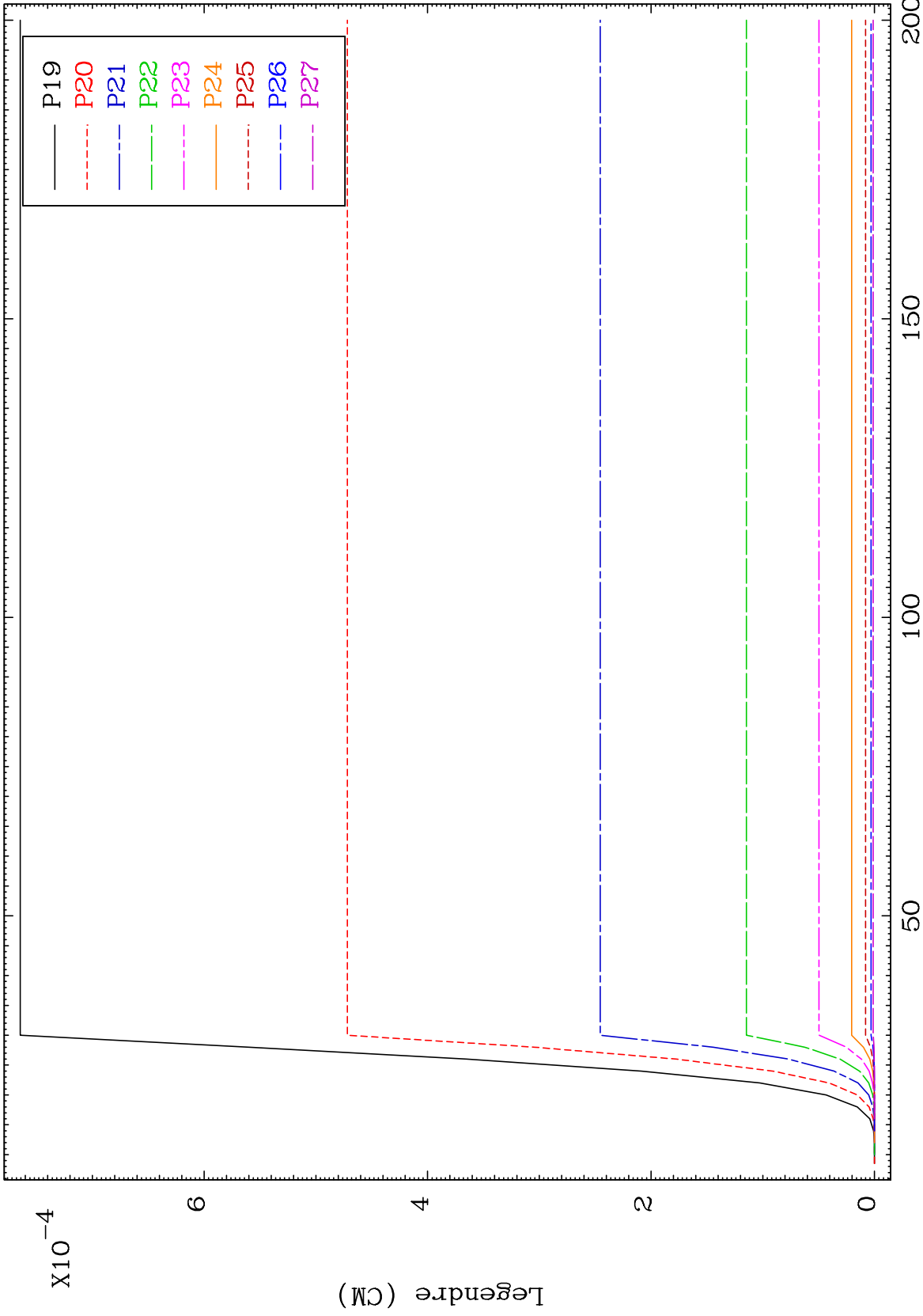
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



23

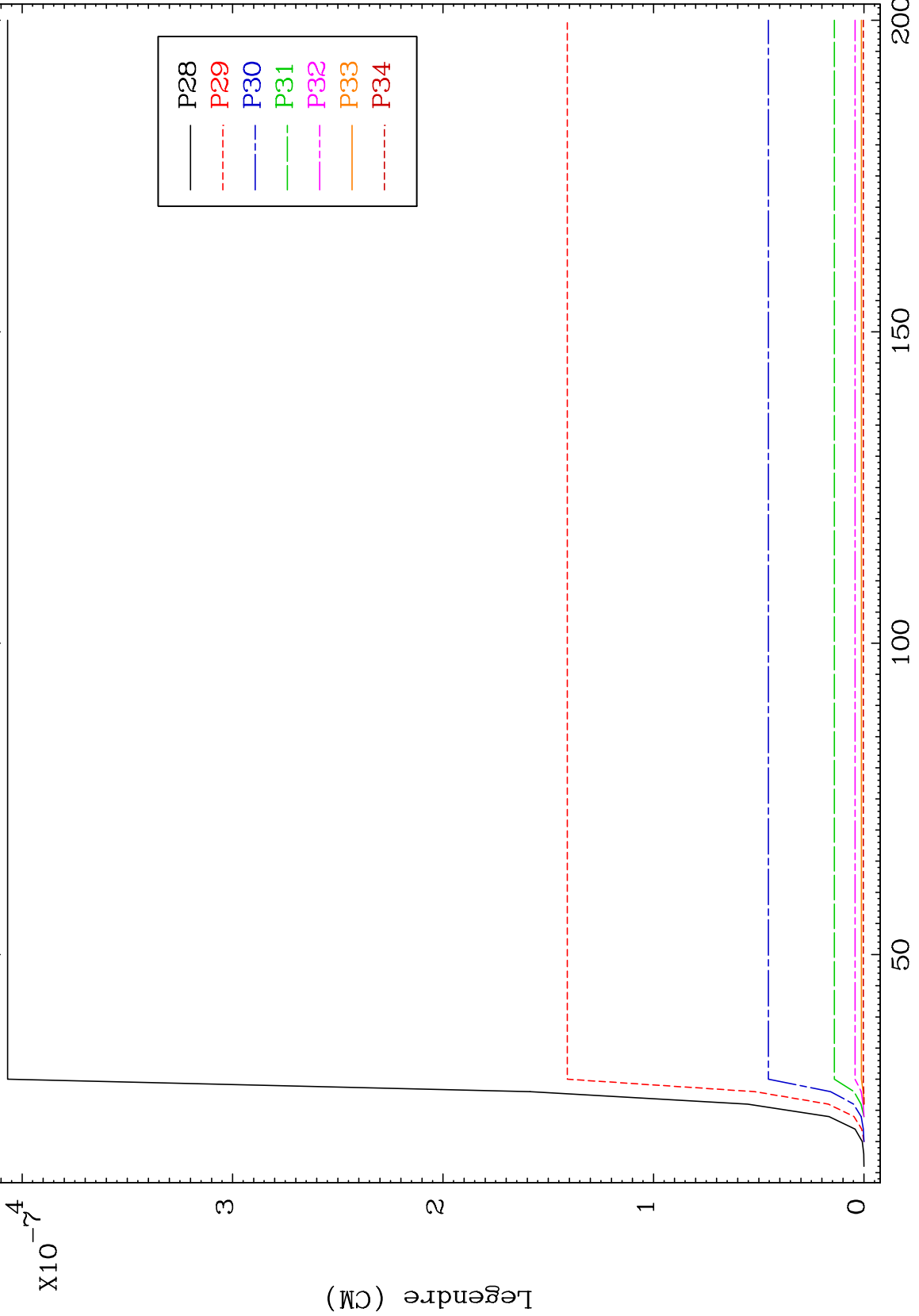
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



24

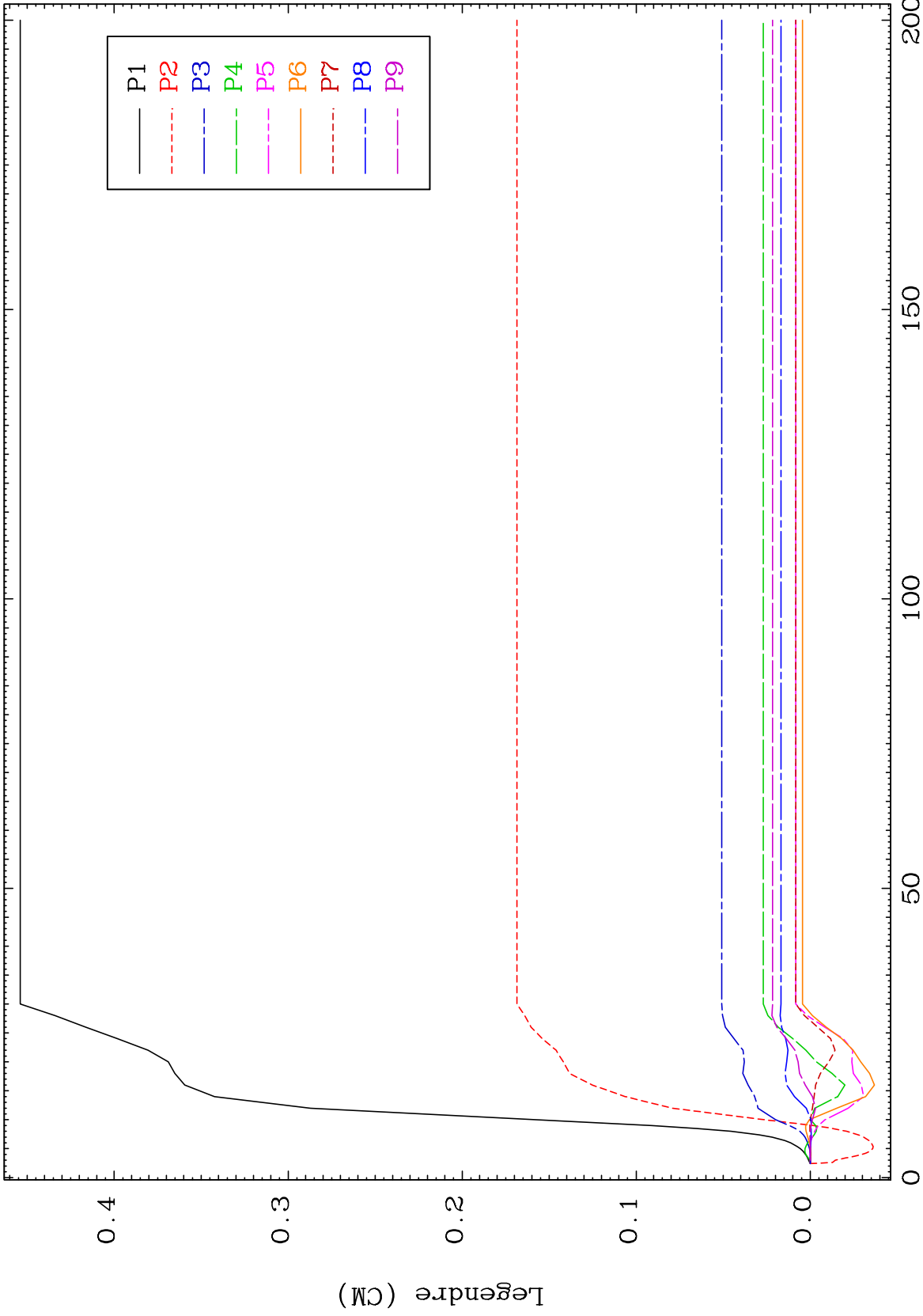
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



25

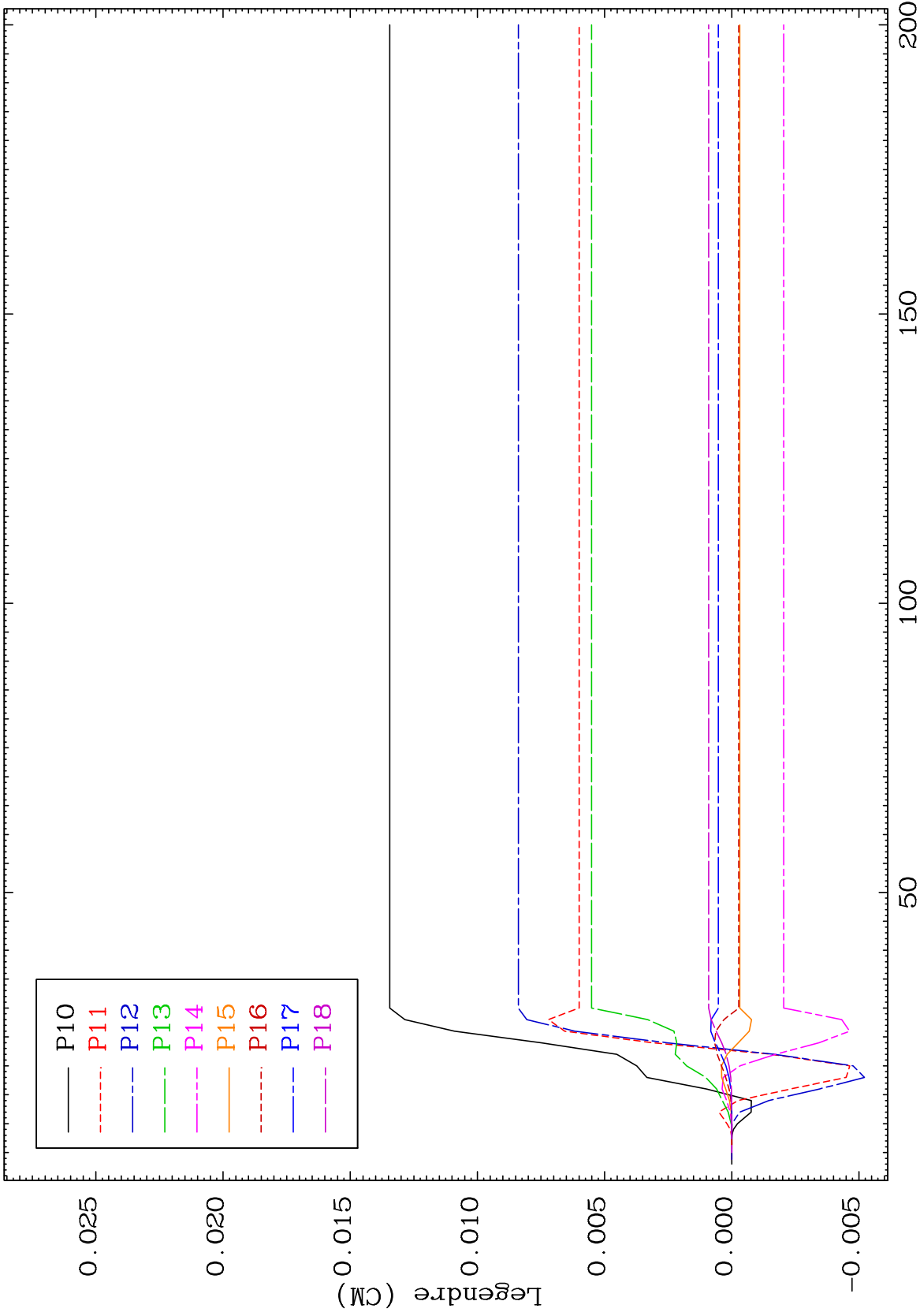
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



26

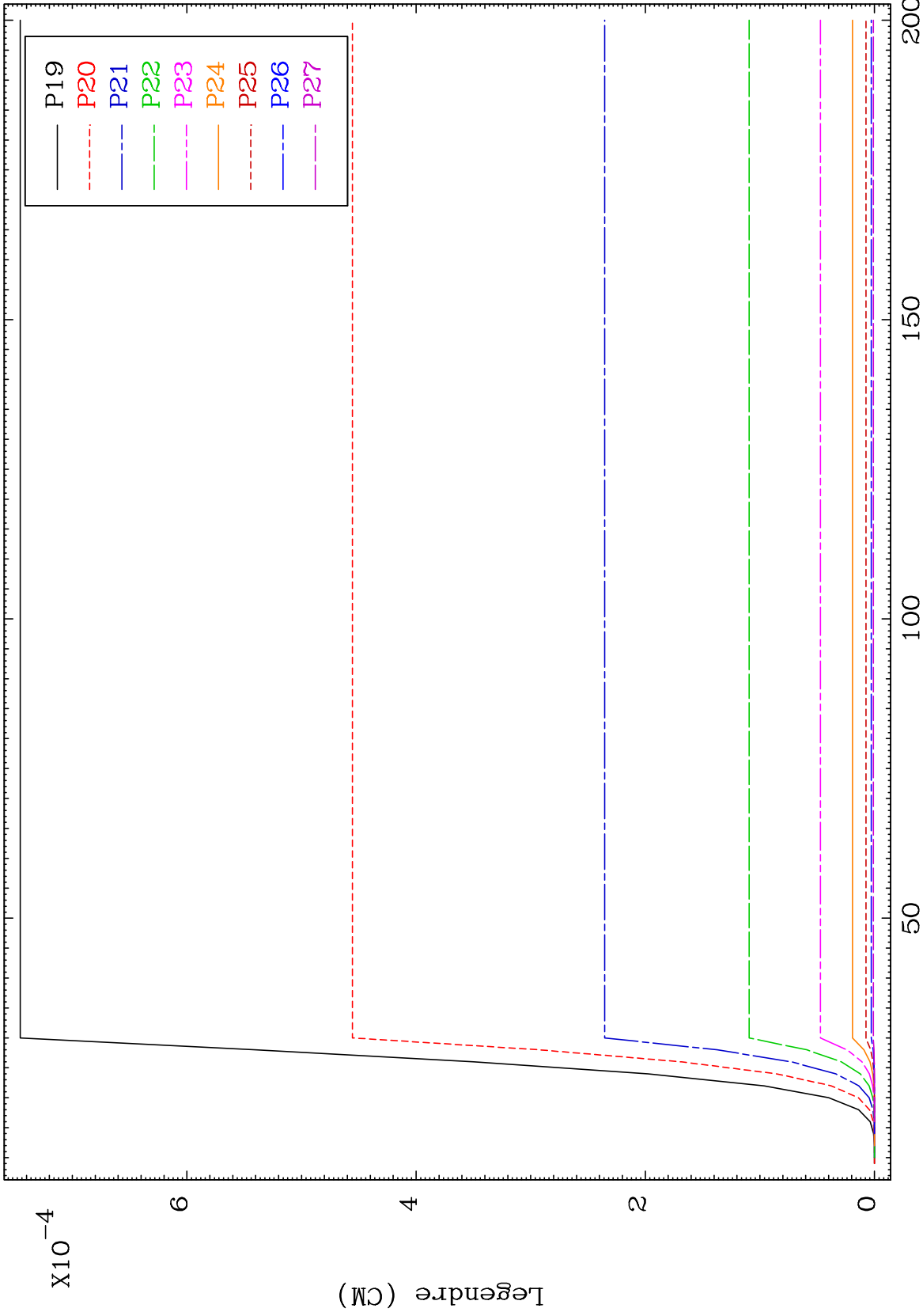
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



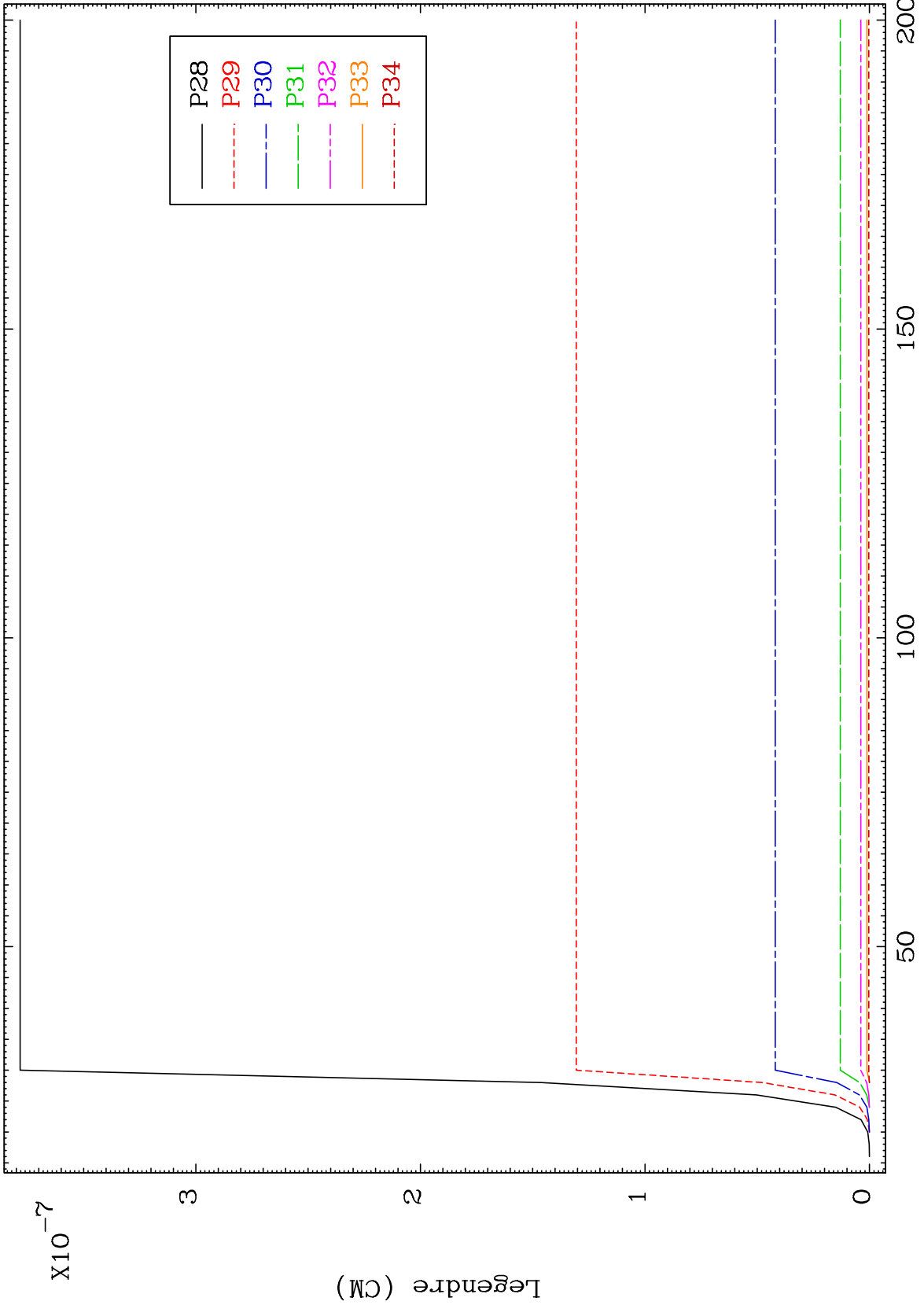
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46-Pd-96

MAT 4607

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

46-Pd-96



28

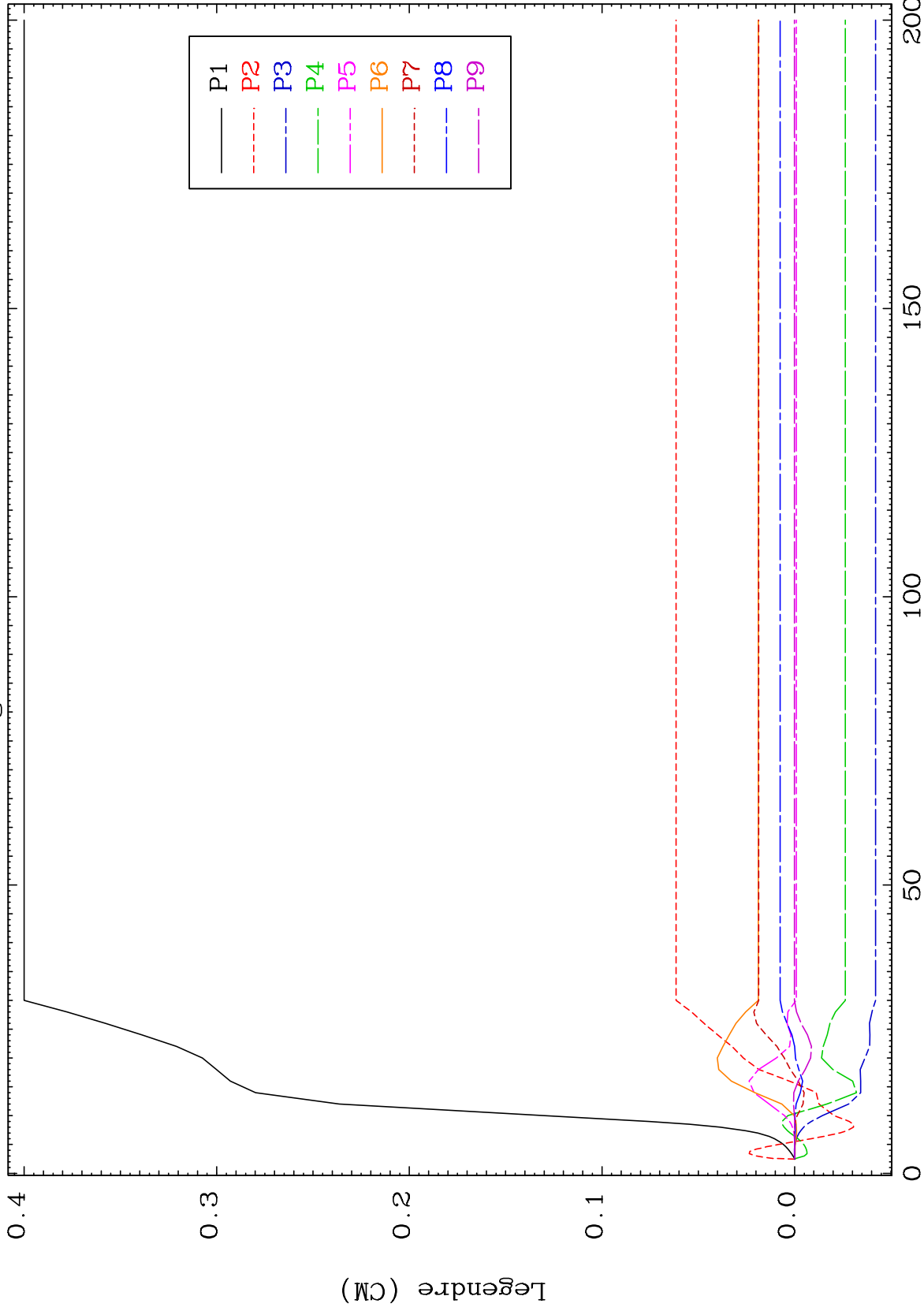
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



29

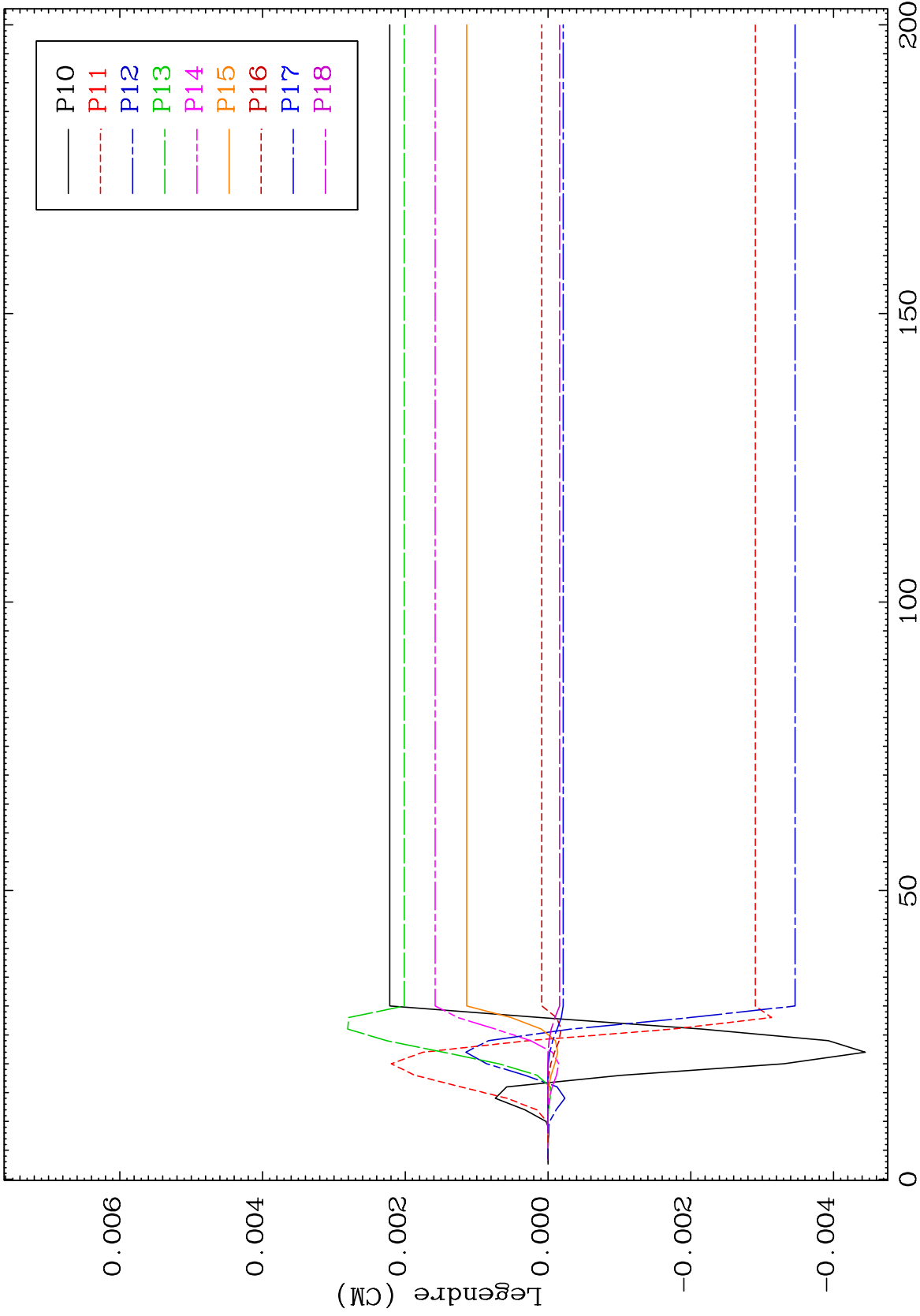
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



30

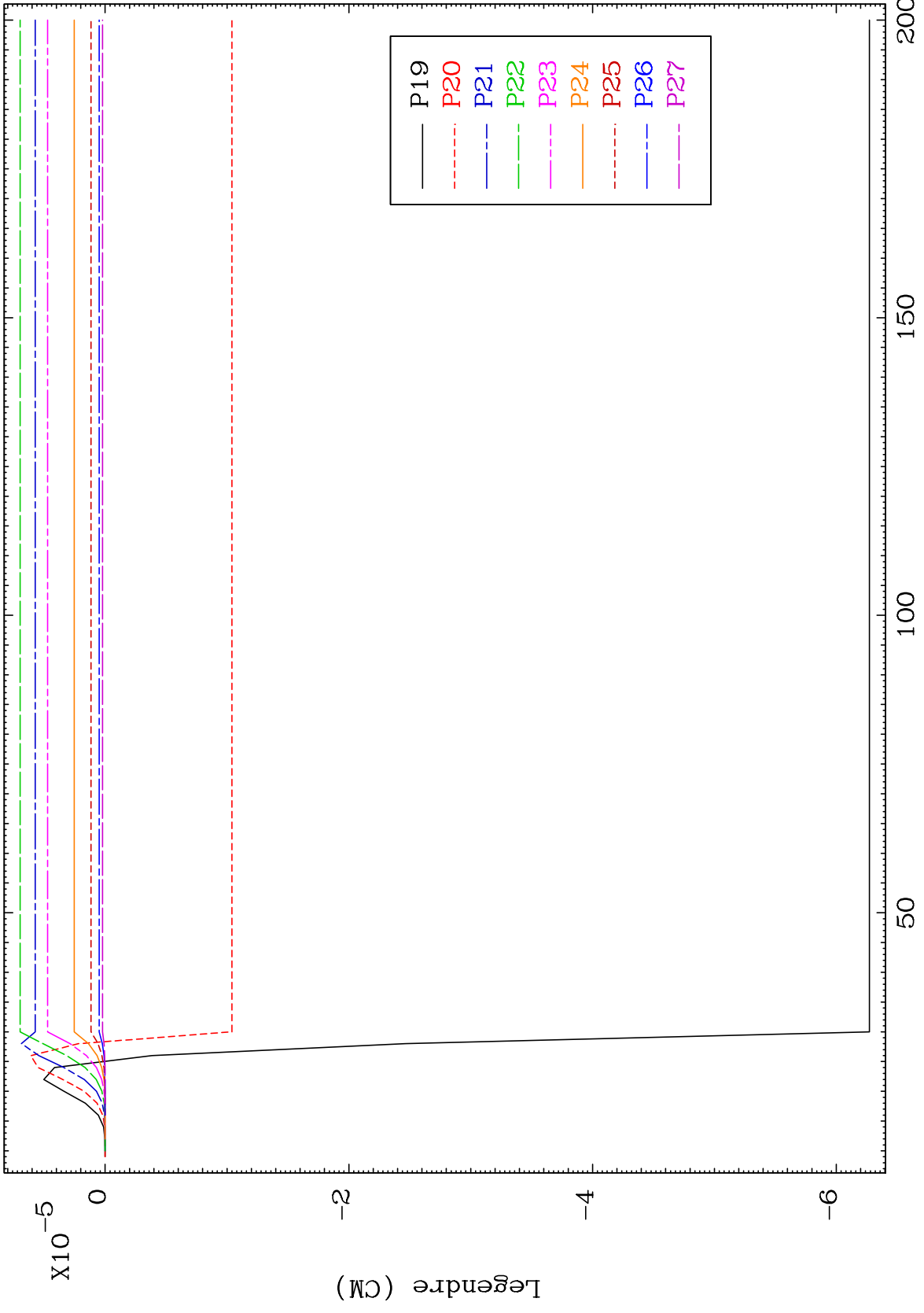
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



46-Pd-96

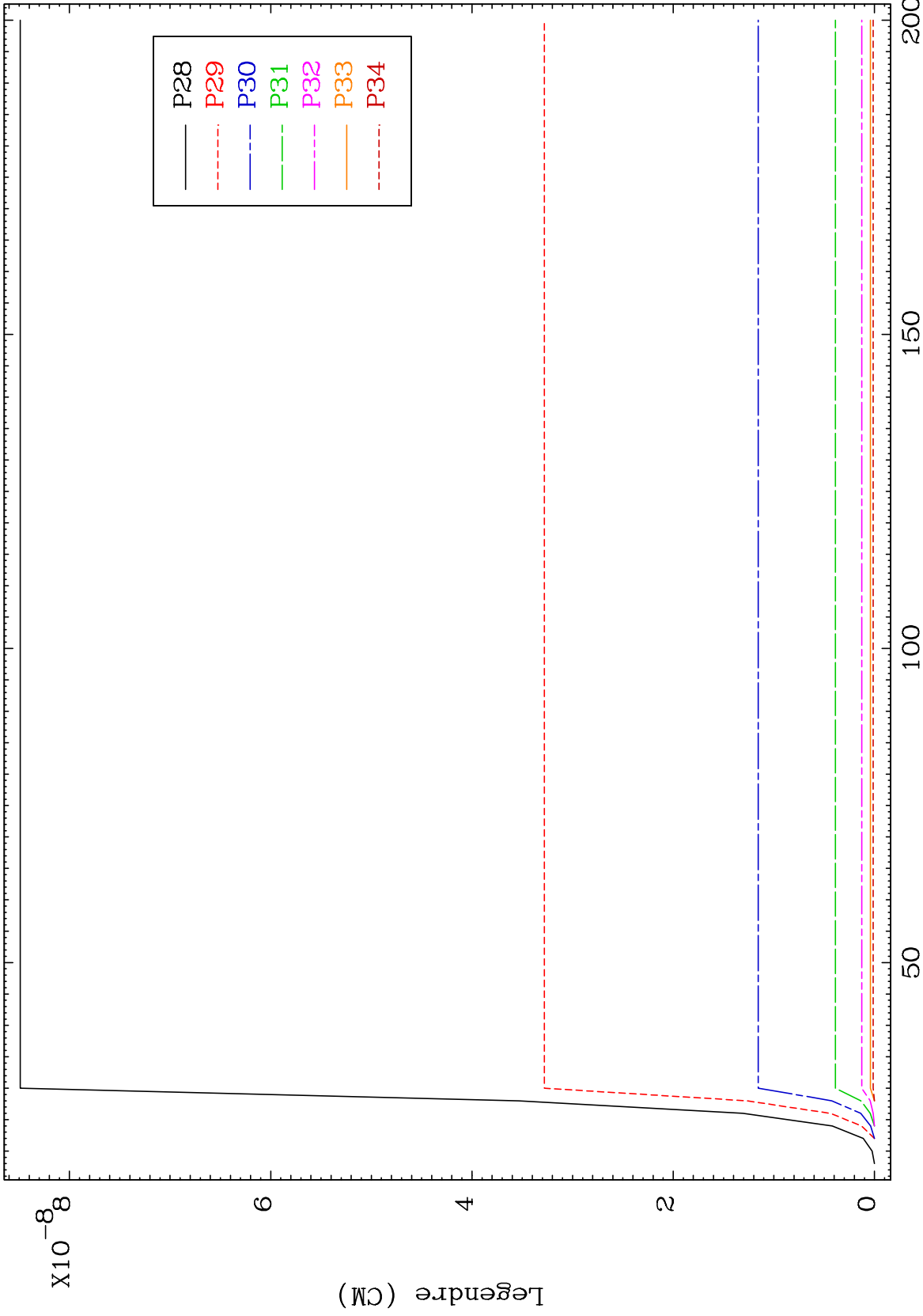
Incident Energy (MeV)

31

MAT 4607

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

46-Pd-96



32

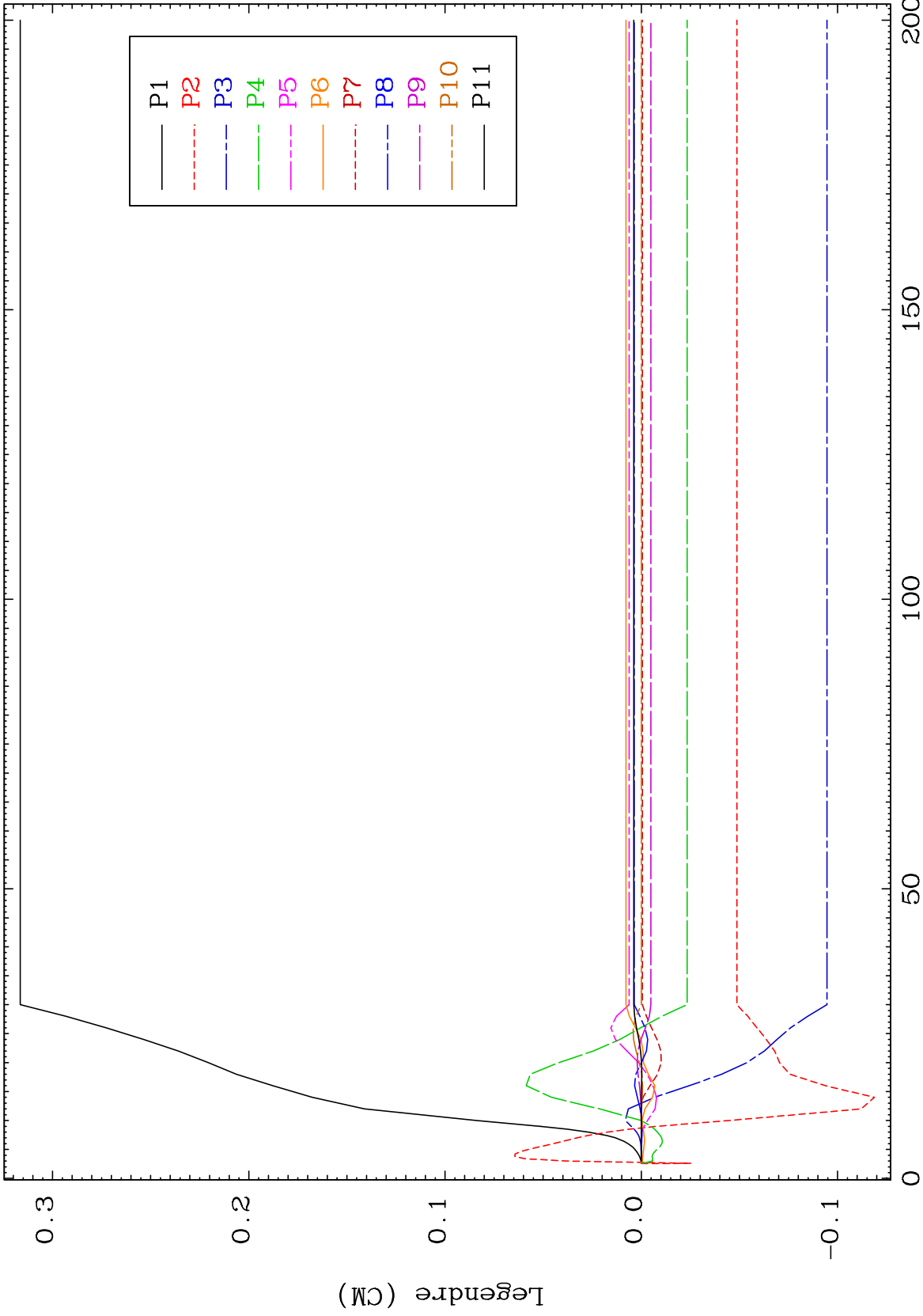
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



33

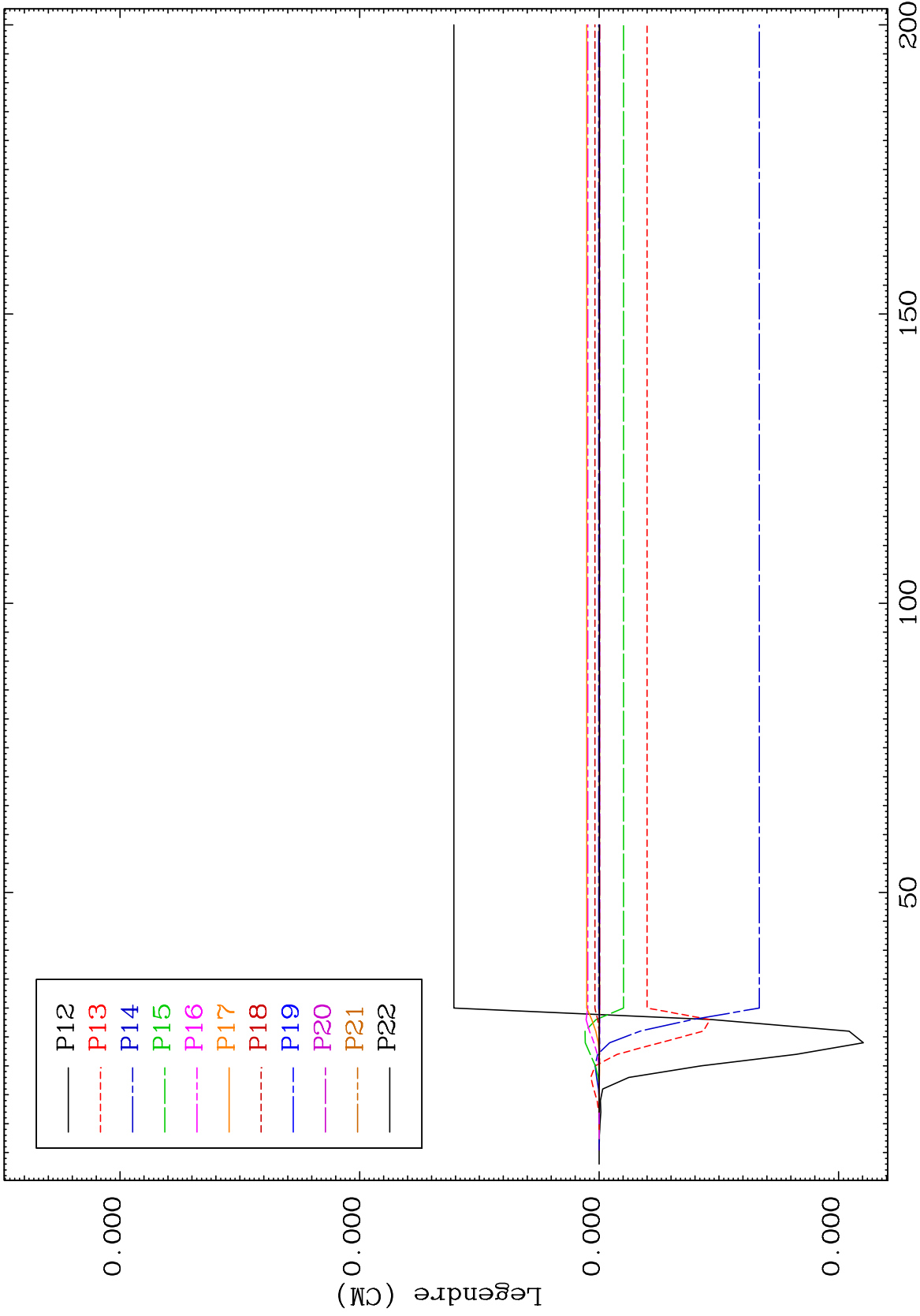
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



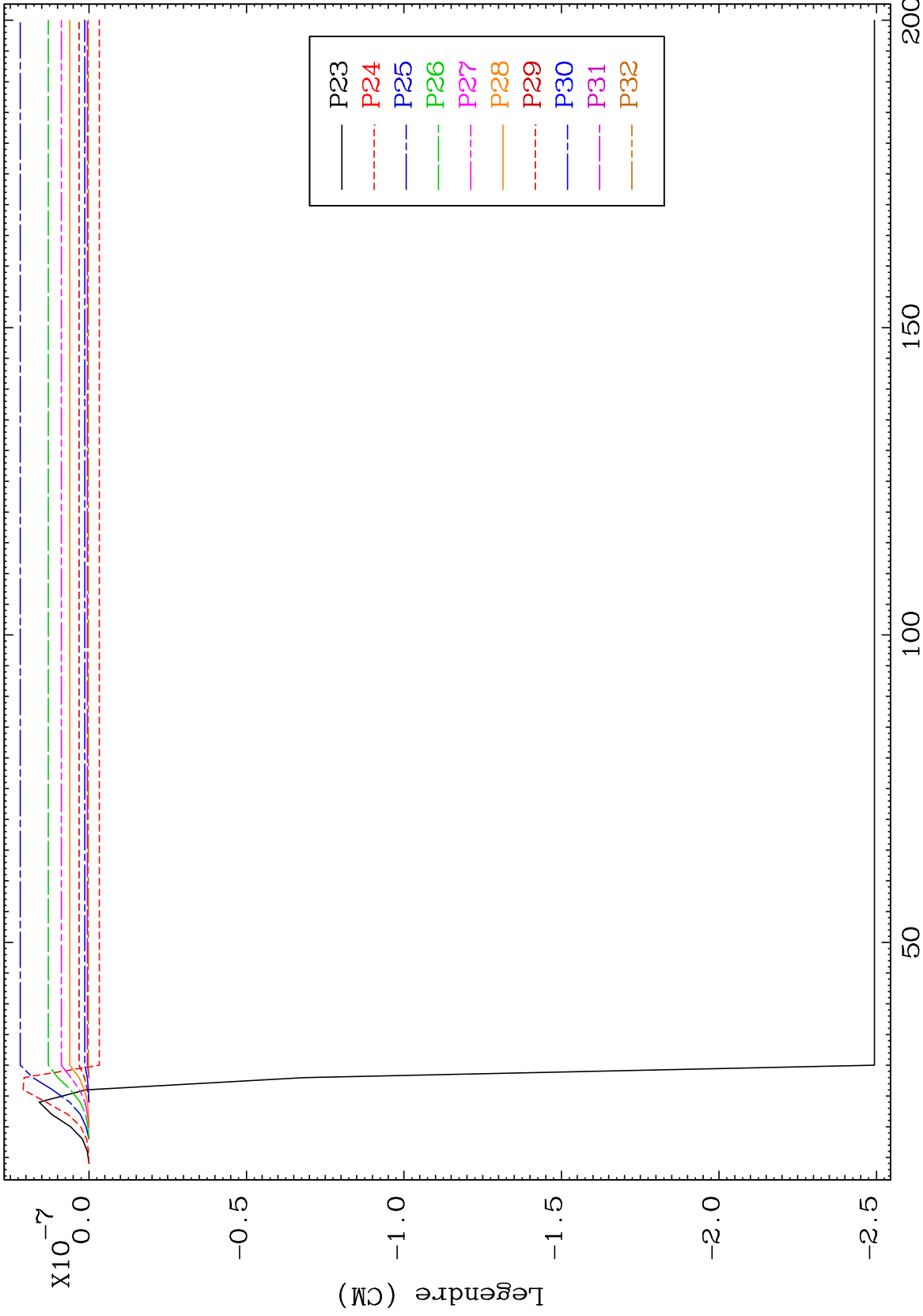
34

46-Pd-96

MAT 4607

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

46-Pd-96



46-Pd-96

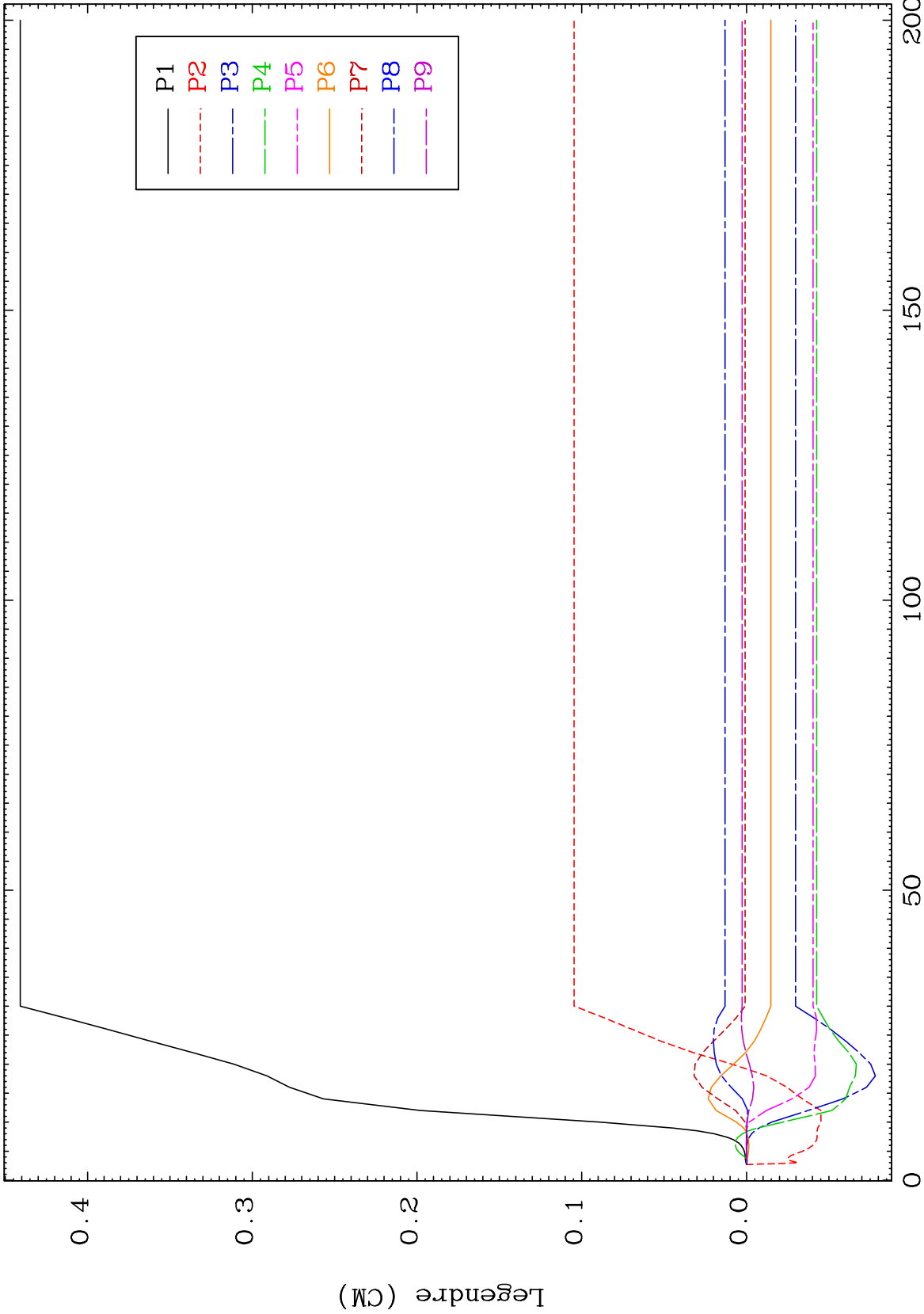
Incident Energy (MeV)

35

MAT 4607

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

46-Pd-96



36

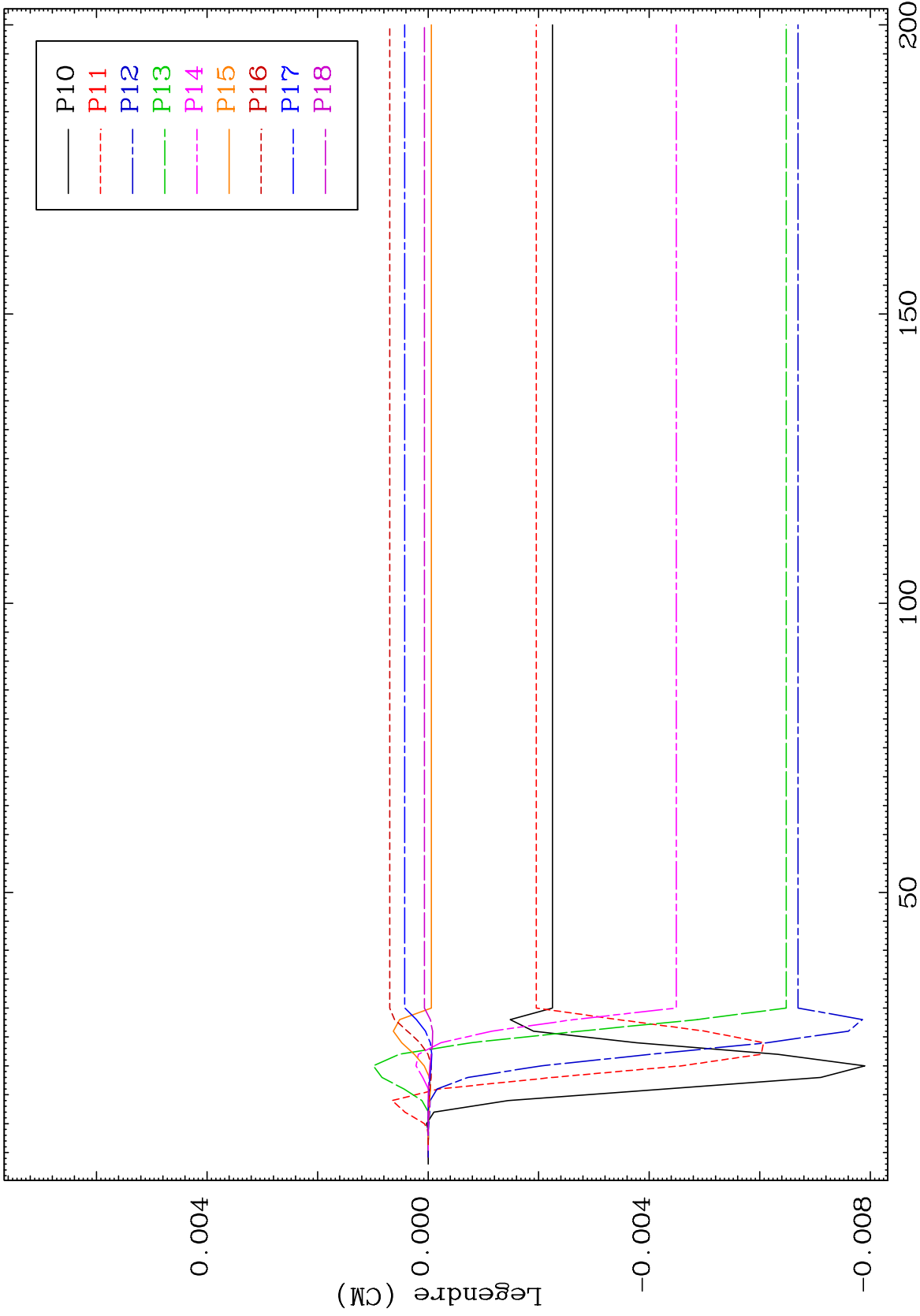
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



37

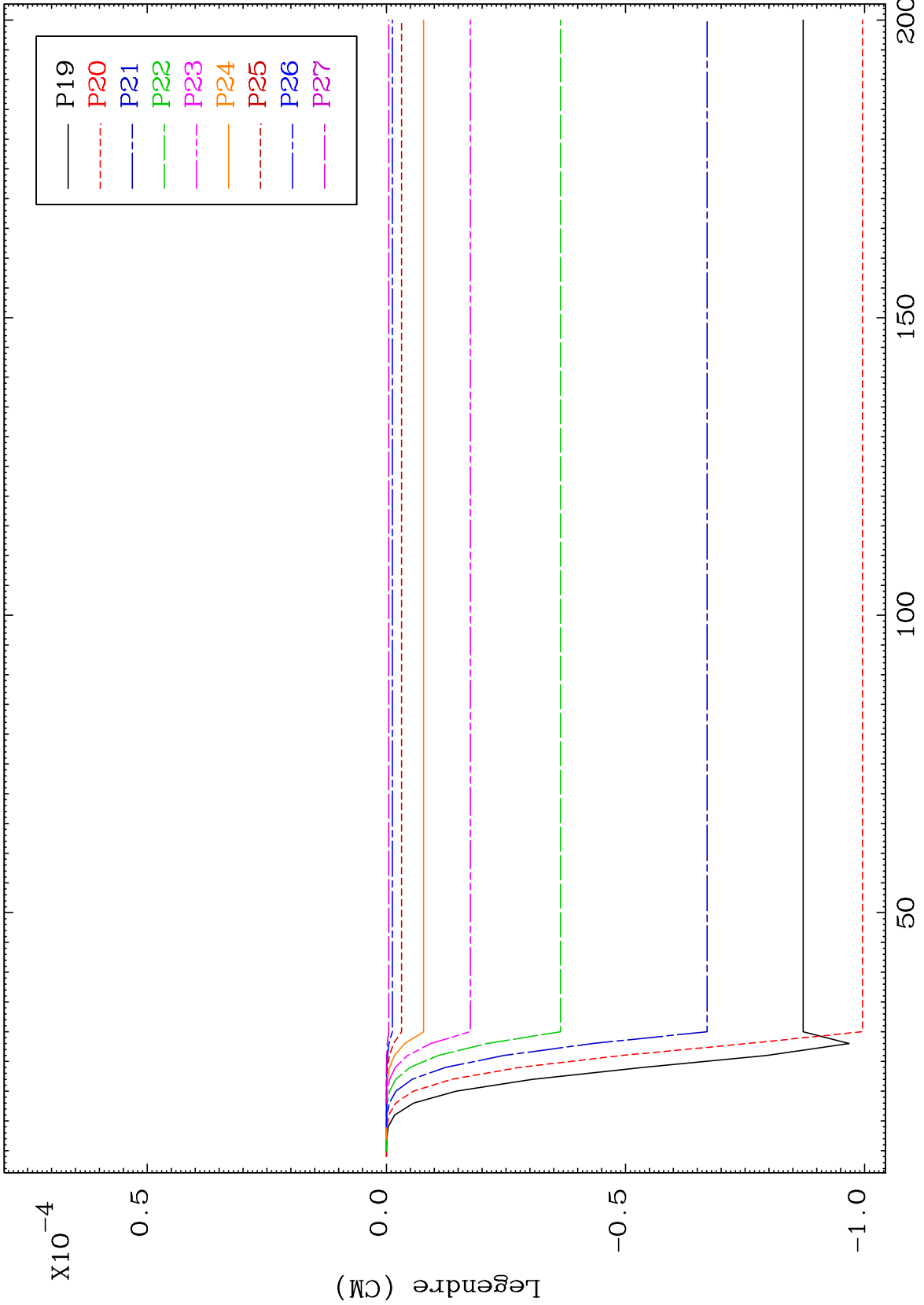
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96



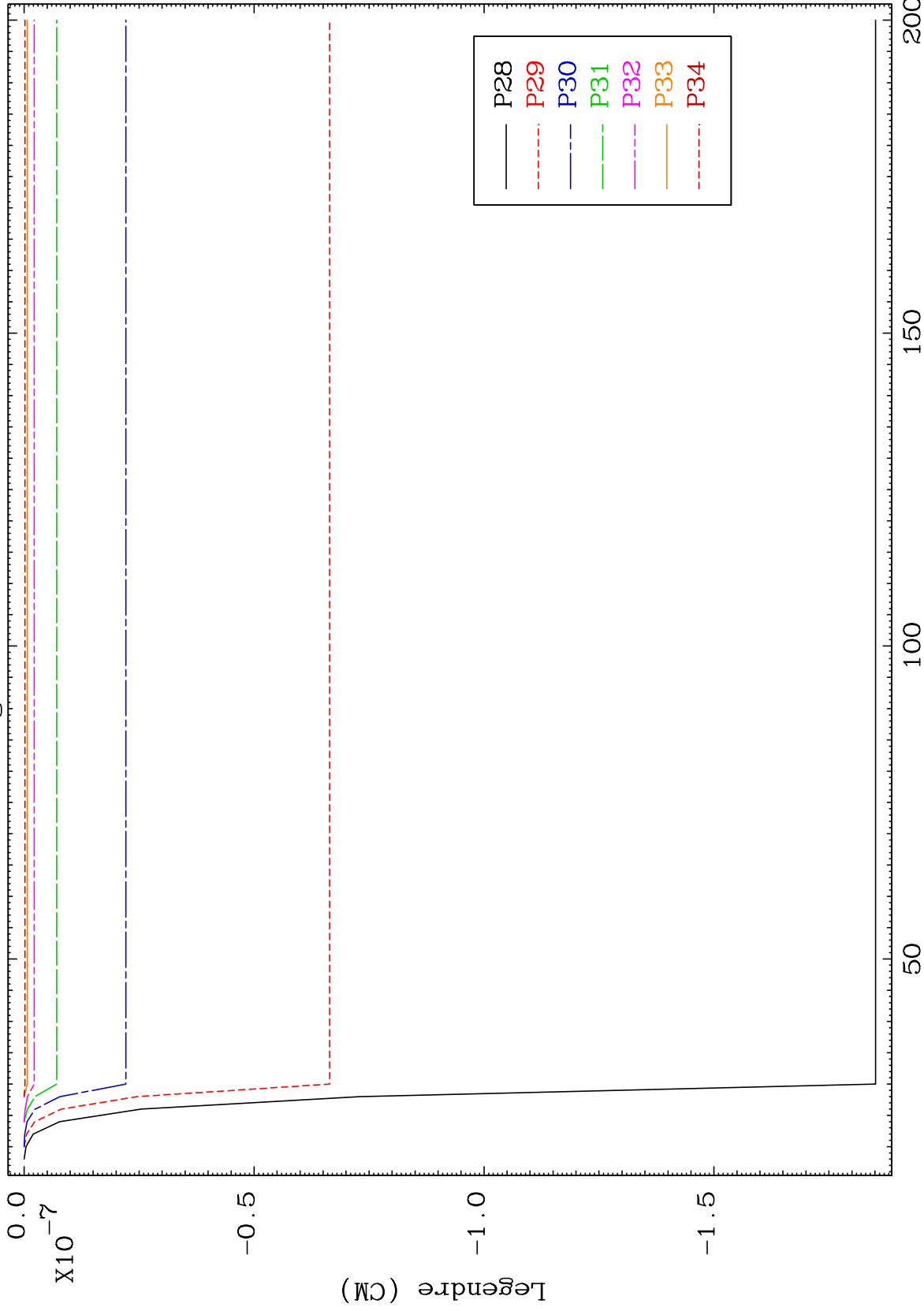
38

46-Pd-96

MAT 4607

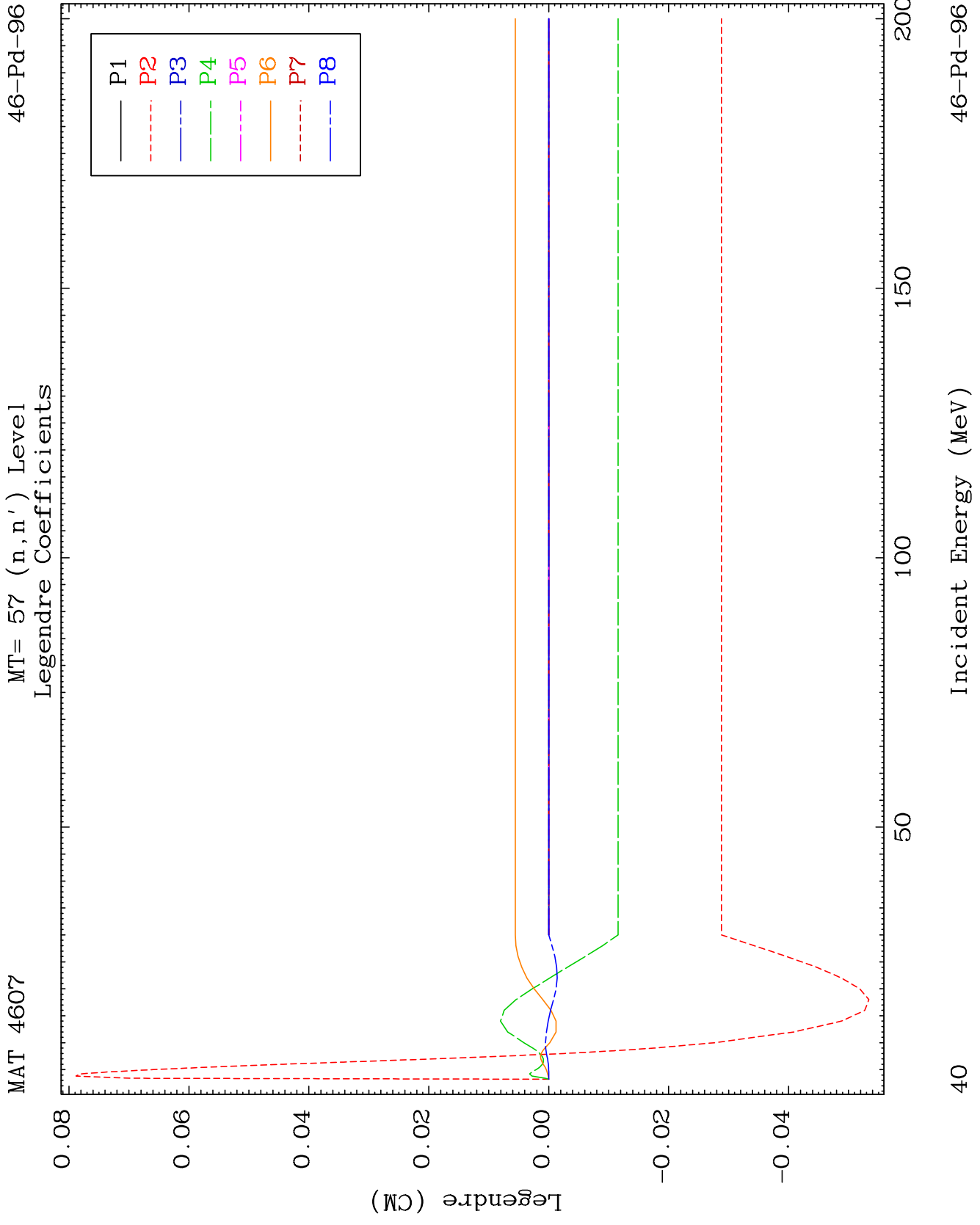
MT= 56 (n,n') Level
Legendre Coefficients

46-Pd-96



39

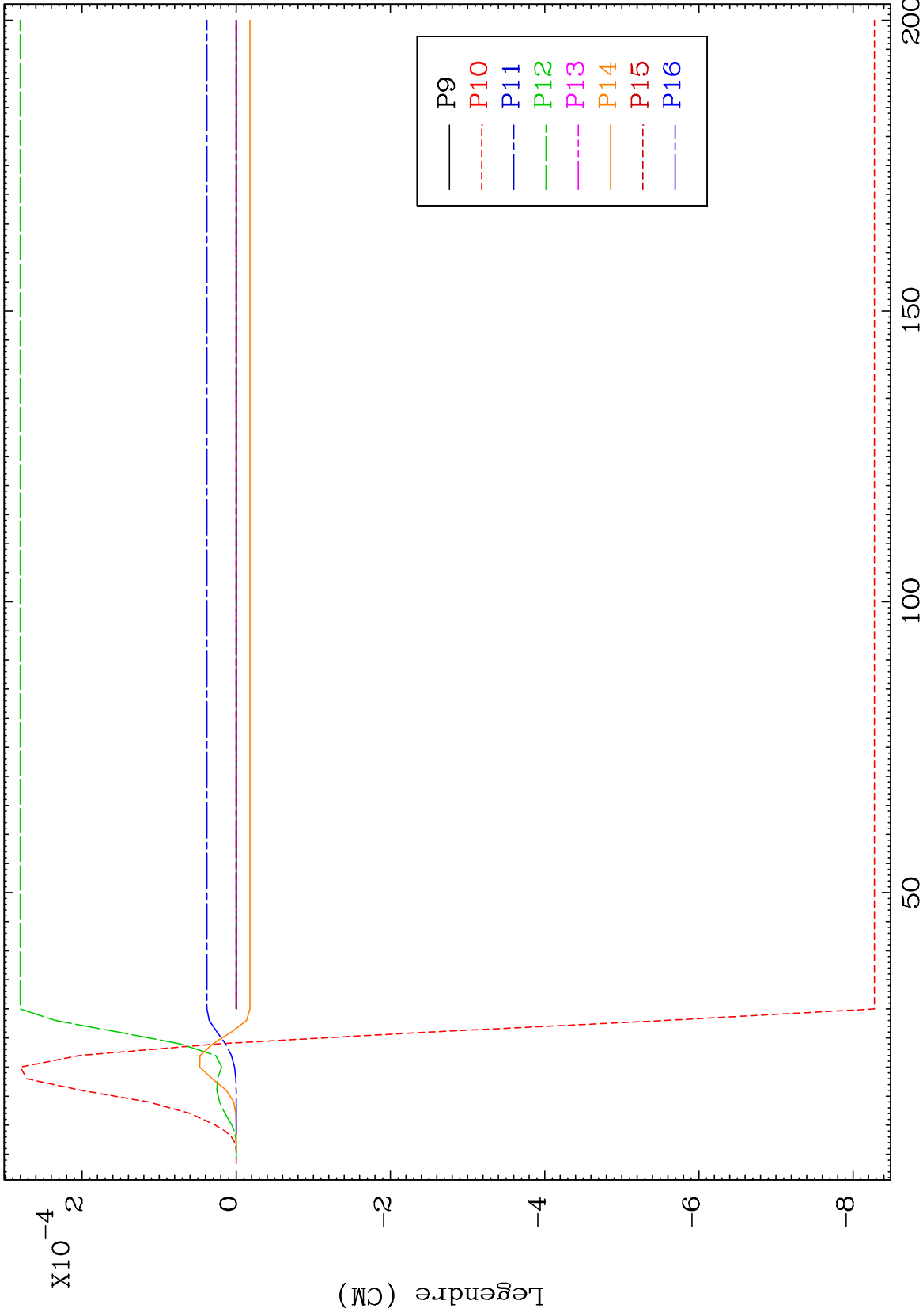
46-Pd-96



MAT 4607

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

46-Pd-96



41

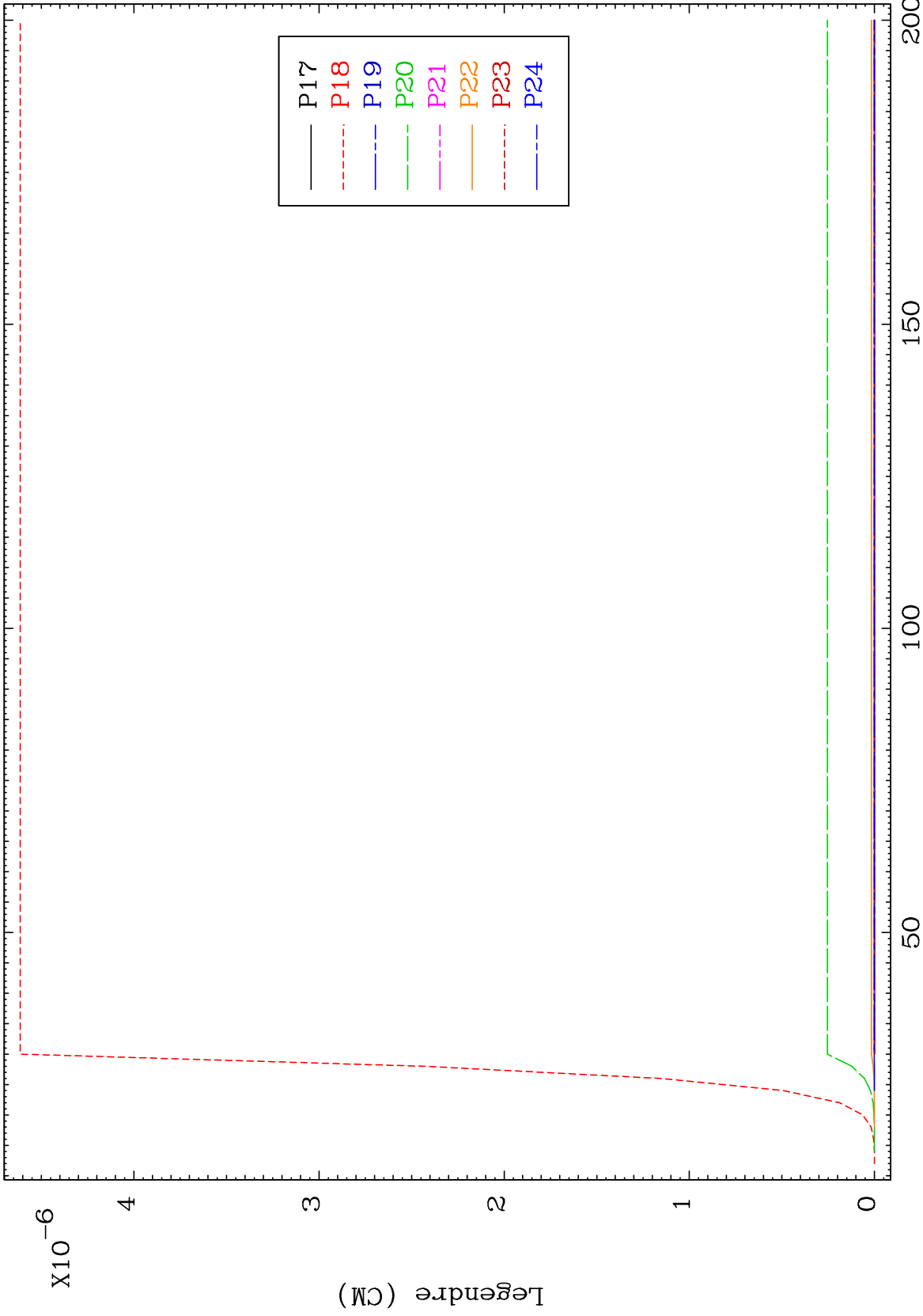
Incident Energy (MeV)

46-Pd-96

MAT 4607

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

46-Pd-96

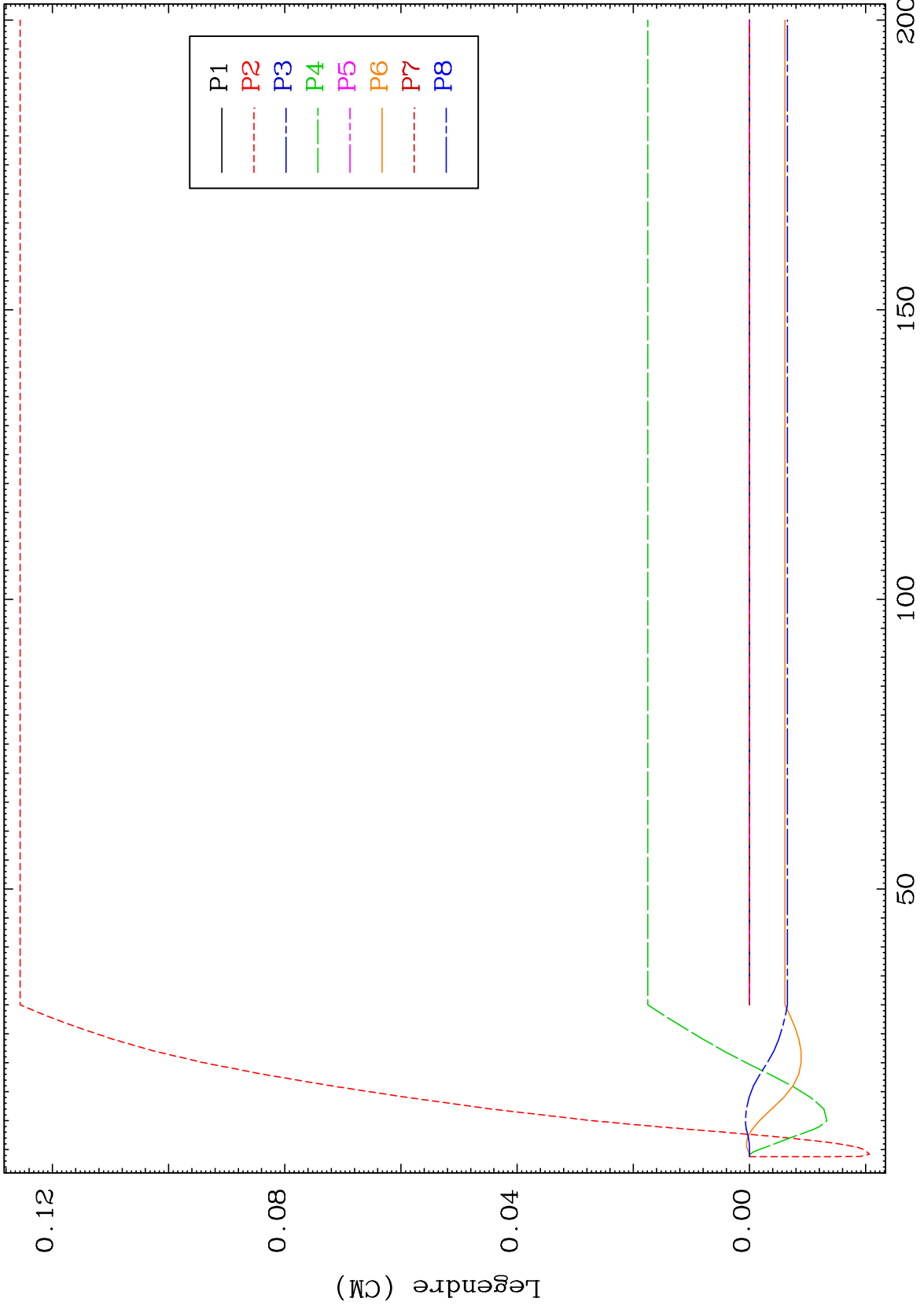


42

Incident Energy (MeV)

46-Pd-96

MAT 4607 MT= 58 (n,n') Level Legendre Coefficients 46-Pd-96

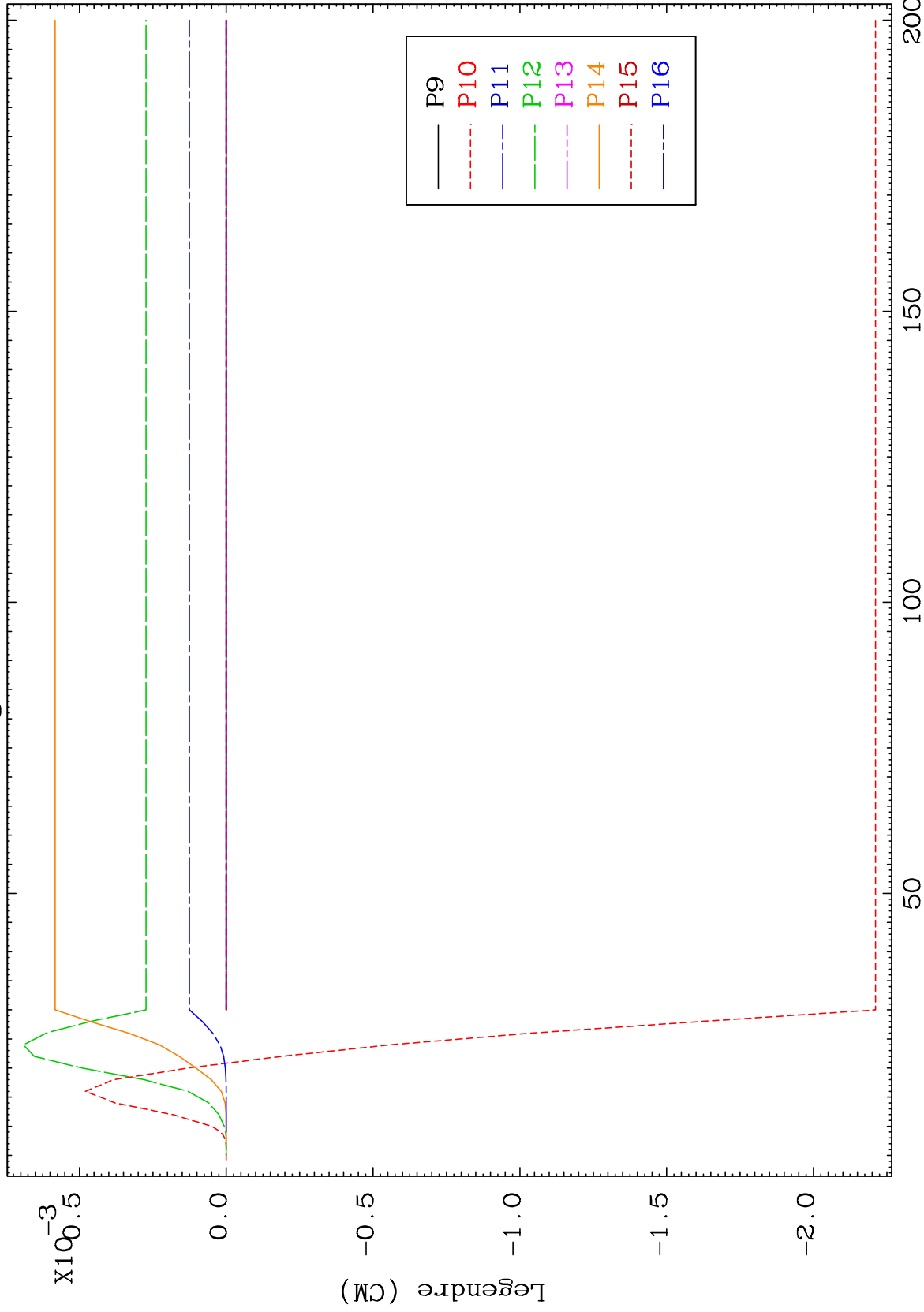


43 Incident Energy (MeV) 46-Pd-96

MAT 4607

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

46-Pd-96

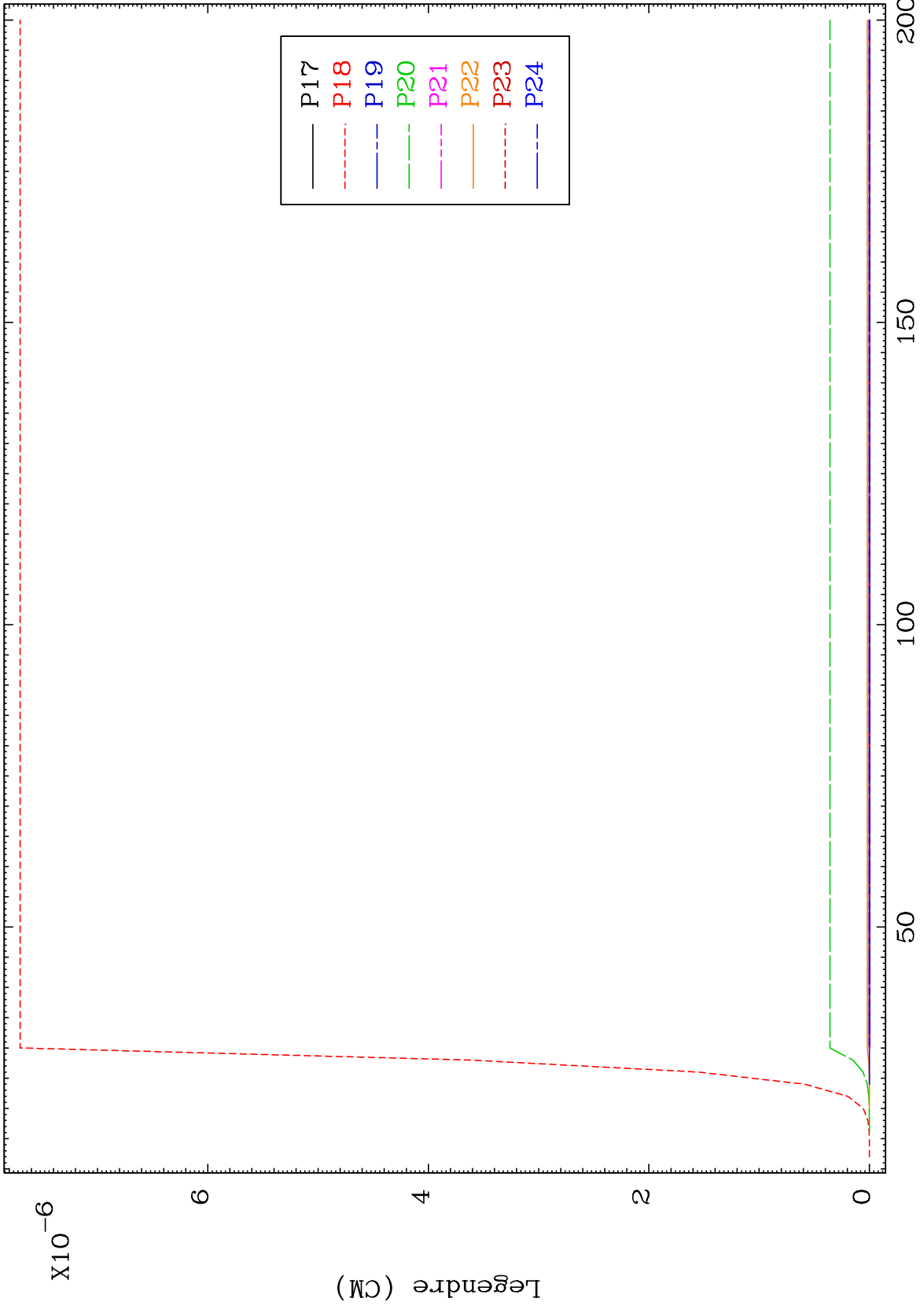


44

Incident Energy (MeV)

46-Pd-96

MAT 4607 MT= 58 (n,n') Level Legendre Coefficients 46-Pd-96

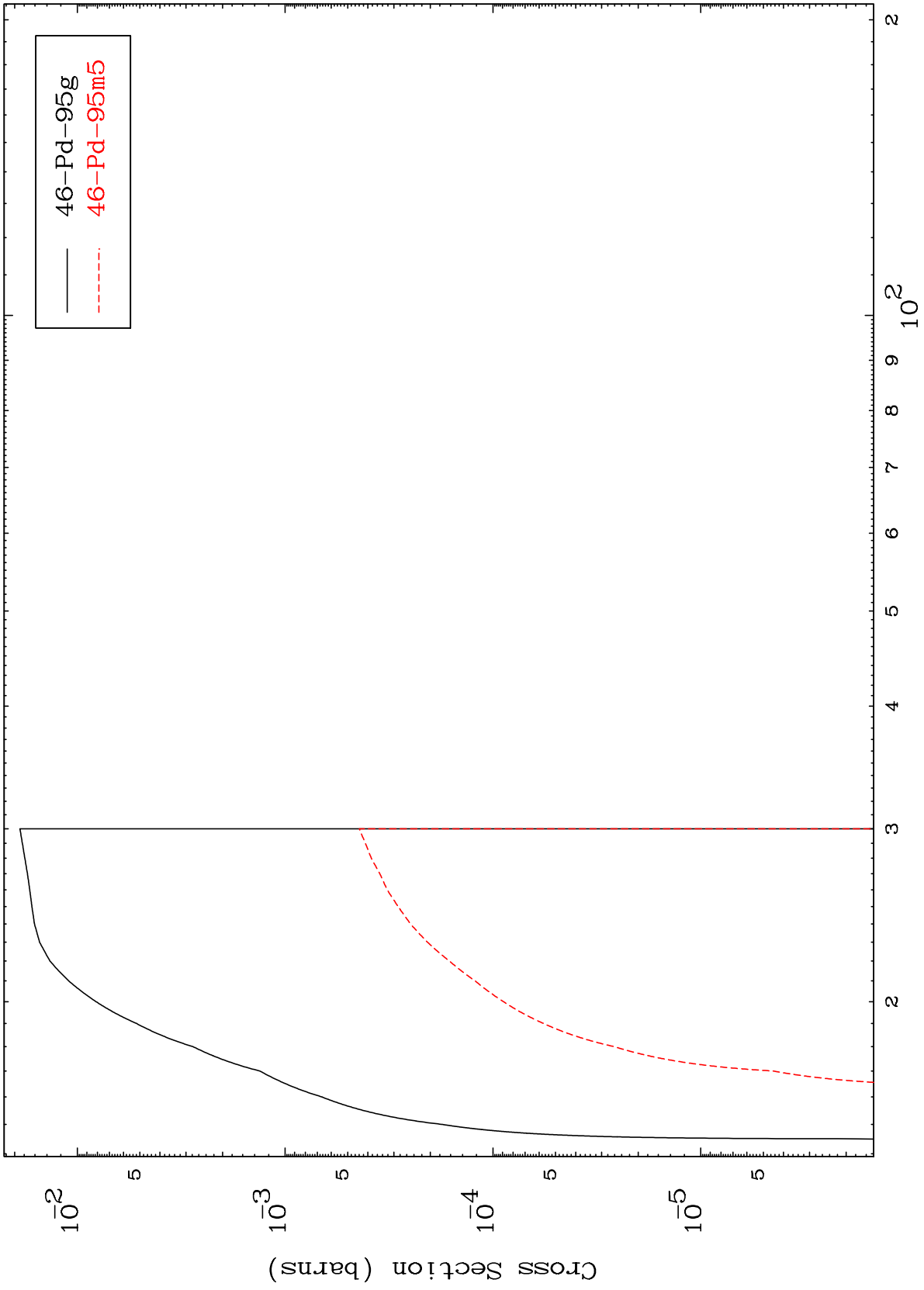


46-Pd-96

MAT 4607

46-Pd-96

(n,2n)
Radionuclide Production Cross Section



46

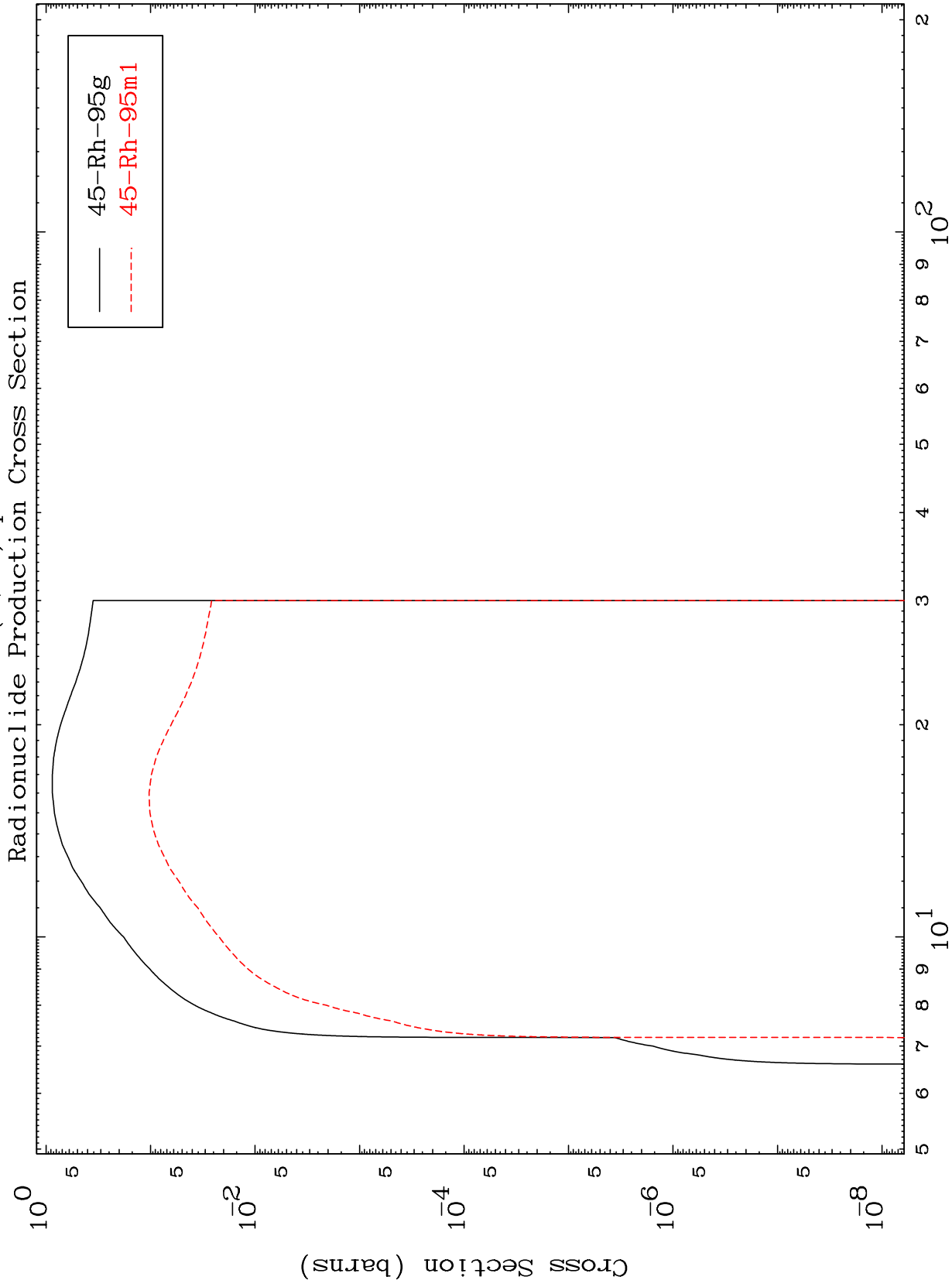
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n, n') p

46-Pd-96



47

Incident Energy (MeV)

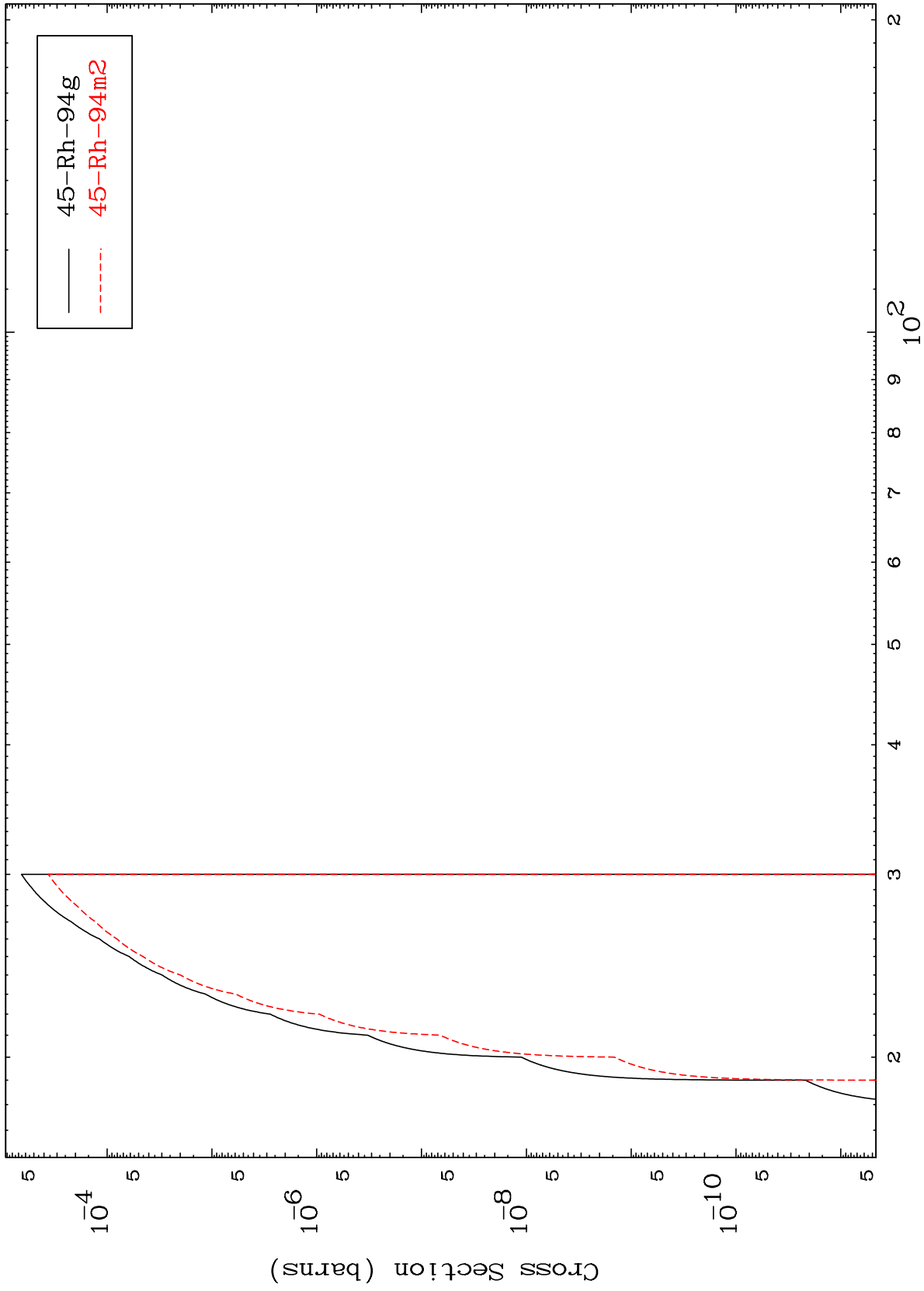
46-Pd-96

MAT 4607

(n,n') d

46-Pd-96

Radionuclide Production Cross Section



48

Incident Energy (MeV)

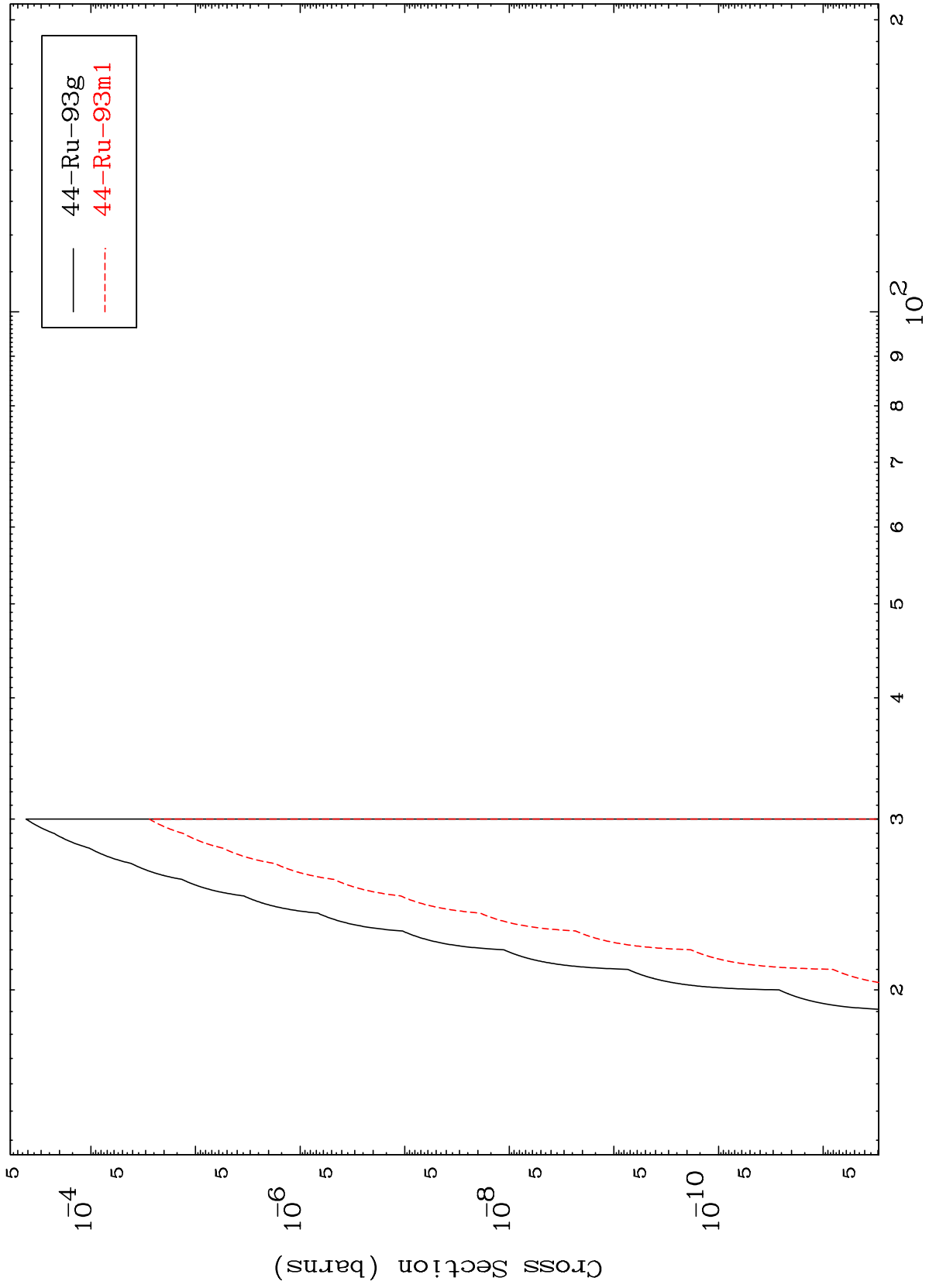
46-Pd-96

MAT 4607

(n, n') He-3

46-Pd-96

Radionuclide Production Cross Section



49

Incident Energy (MeV)

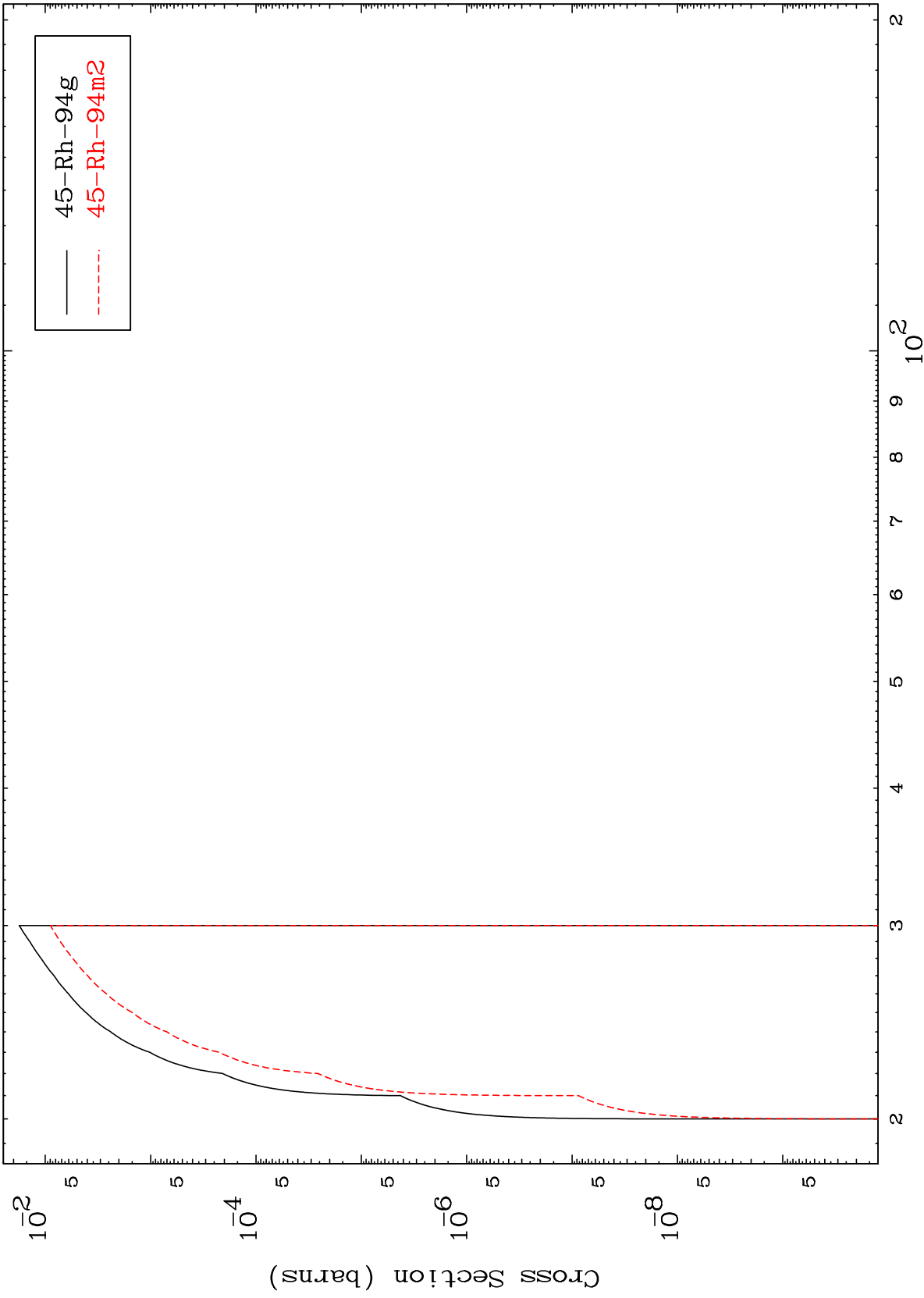
46-Pd-96

MAT 4607

(n,2n) p

46-Pd-96

Radionuclide Production Cross Section



50

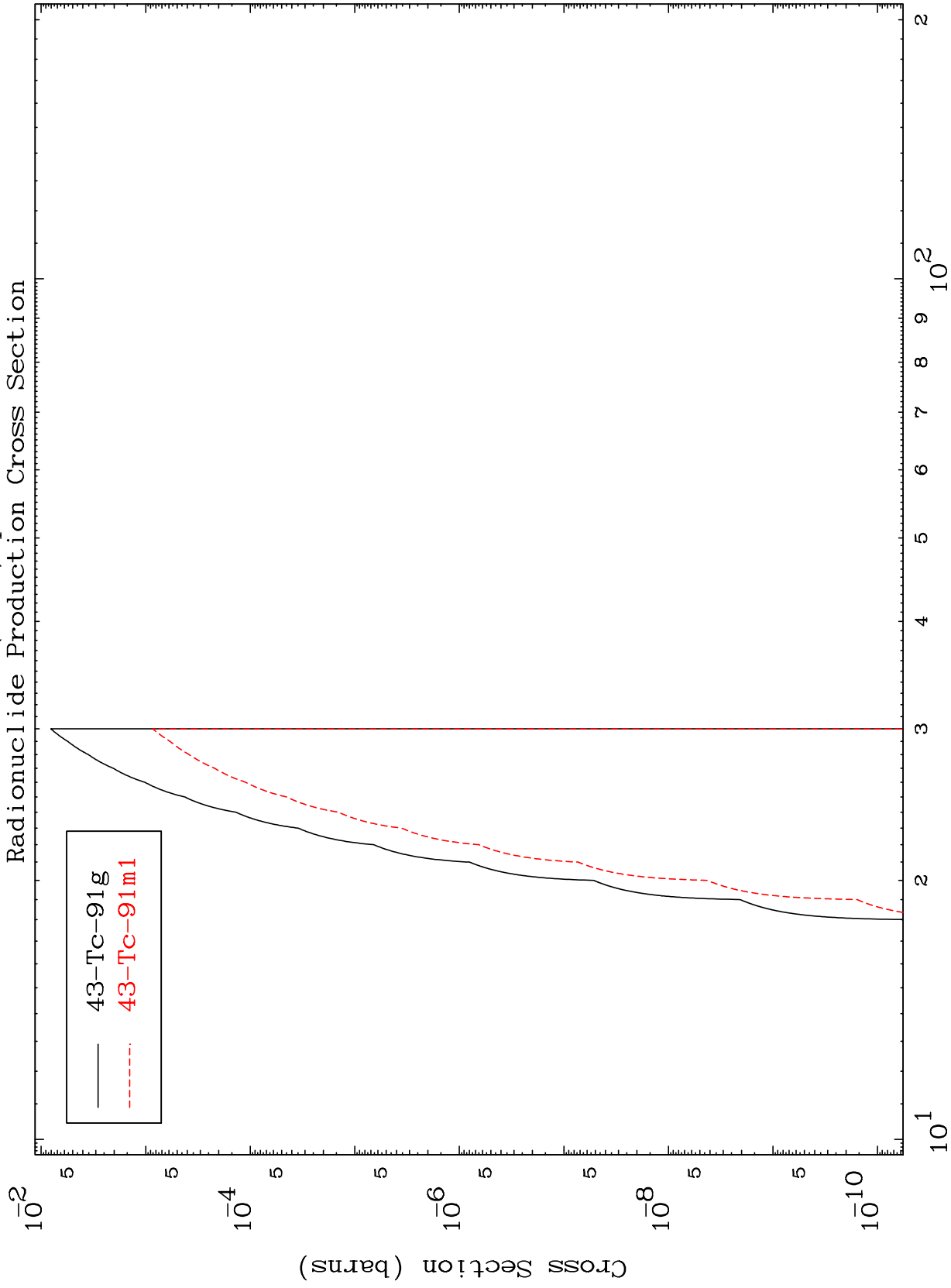
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n,n') p α

46-Pd-96



51

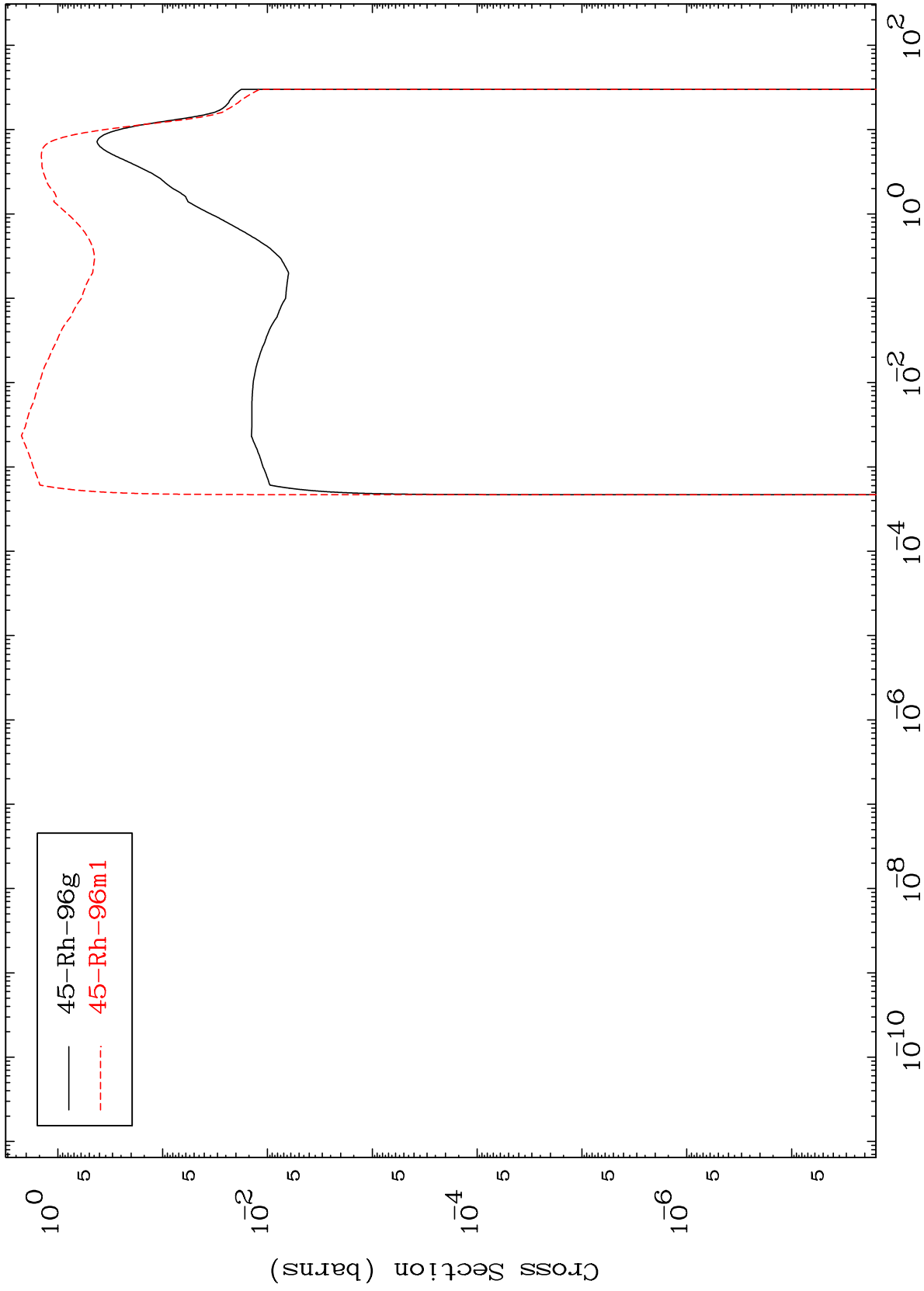
46-Pd-96

MAT 4607

(n,p)

46-Pd-96

Radionuclide Production Cross Section



52

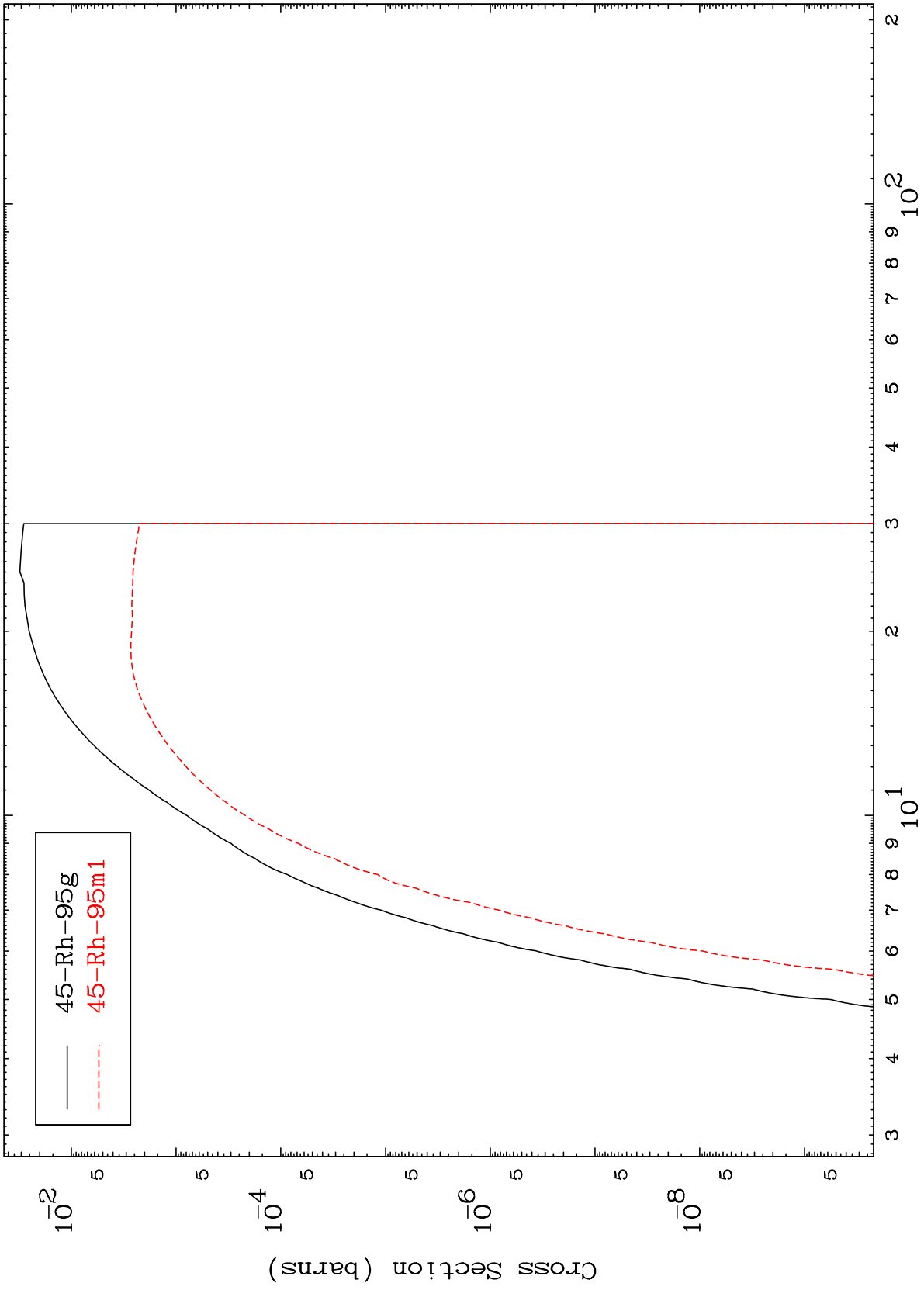
Incident Energy (MeV)

46-Pd-96

MAT 4607

(n,d)
Radionuclide Production Cross Section

46-Pd-96



— 45-Rh-95g
- - - 45-Rh-95m1

53

Incident Energy (MeV)

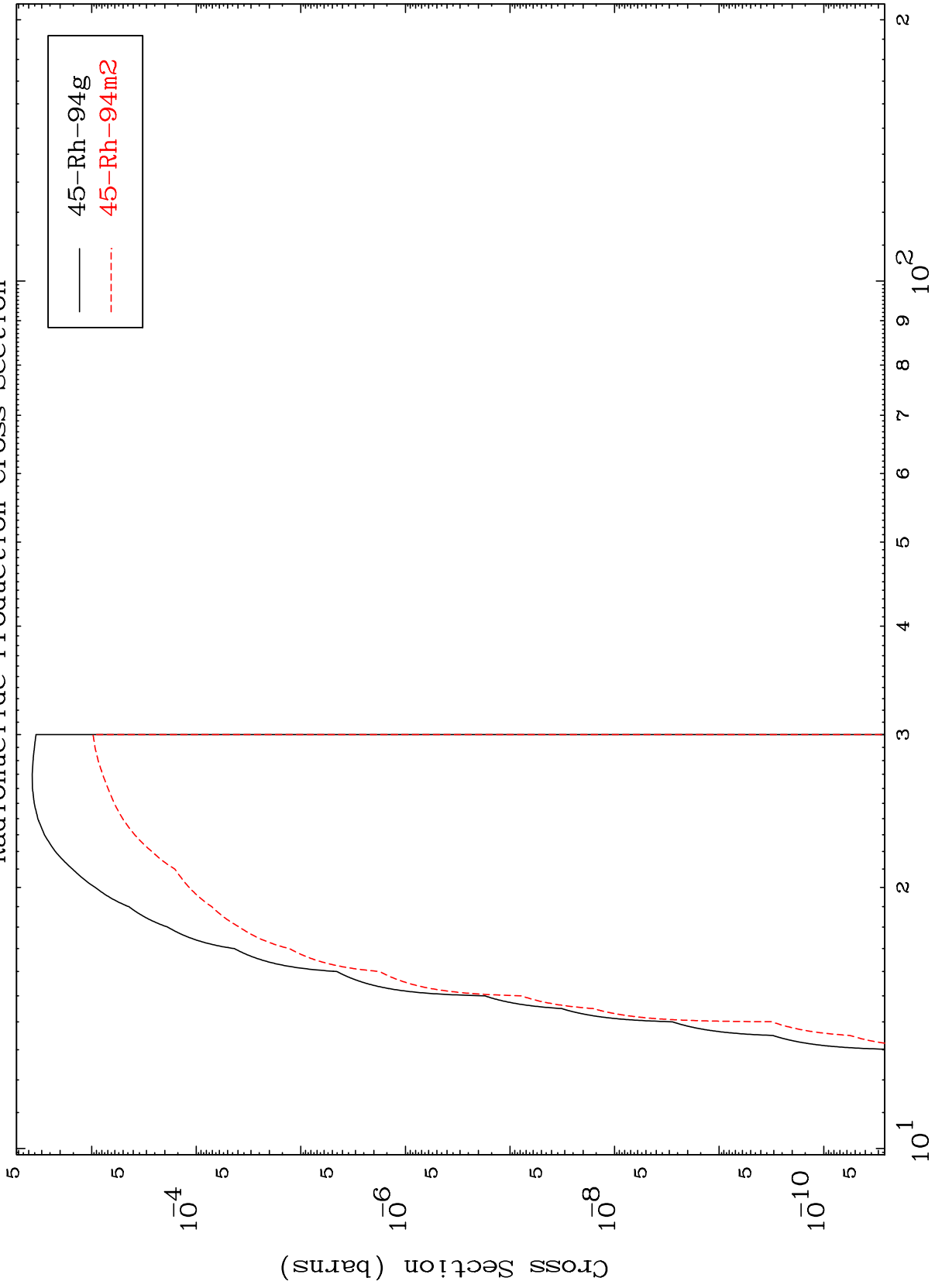
46-Pd-96

MAT 4607

(n, t)

46-Pd-96

Radionuclide Production Cross Section



54

Incident Energy (MeV)

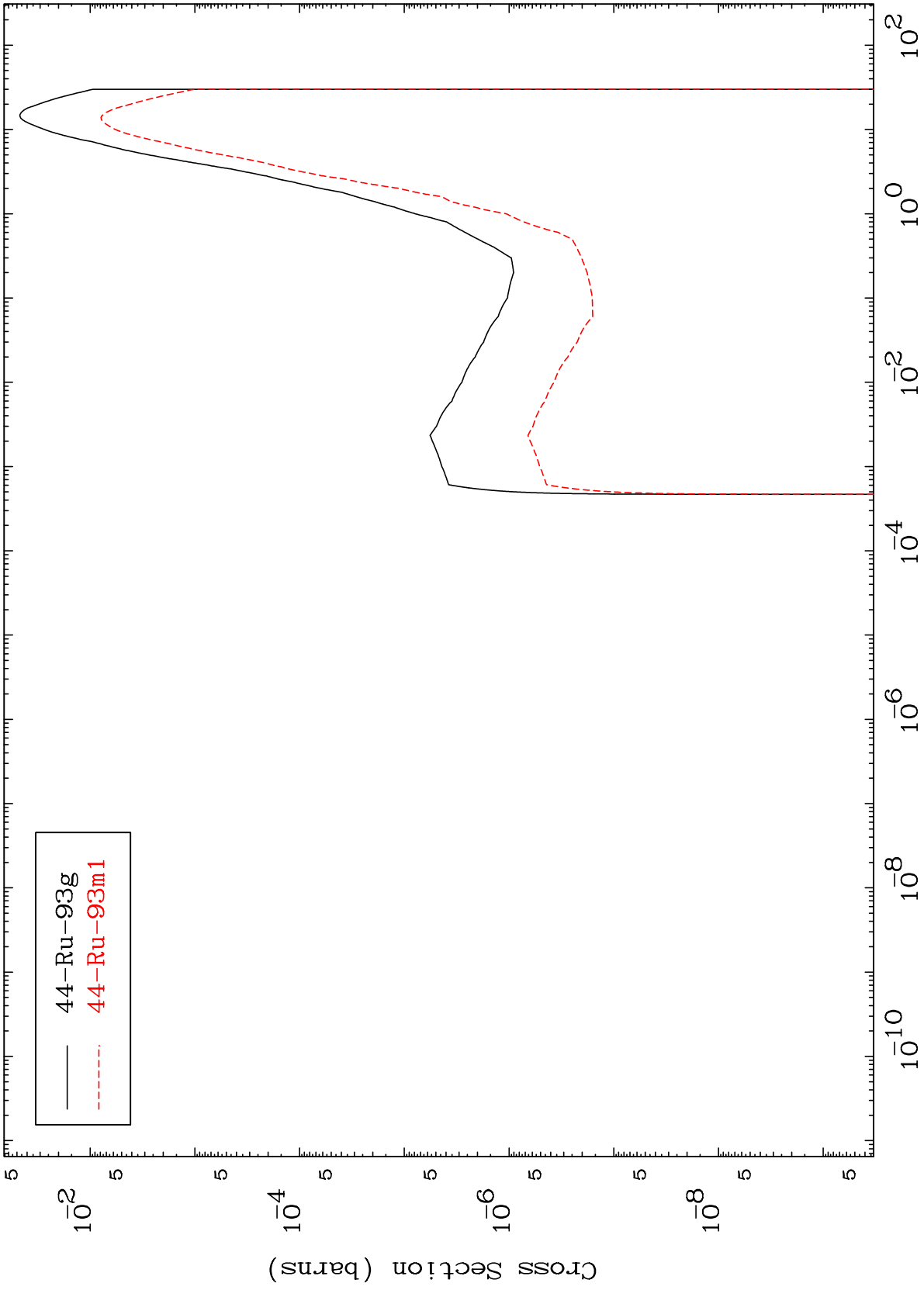
46-Pd-96

MAT 4607

(n, α)

46-Pd-96

Radionuclide Production Cross Section



— 44-Ru-93g
- - - 44-Ru-93m1

55

Incident Energy (MeV)

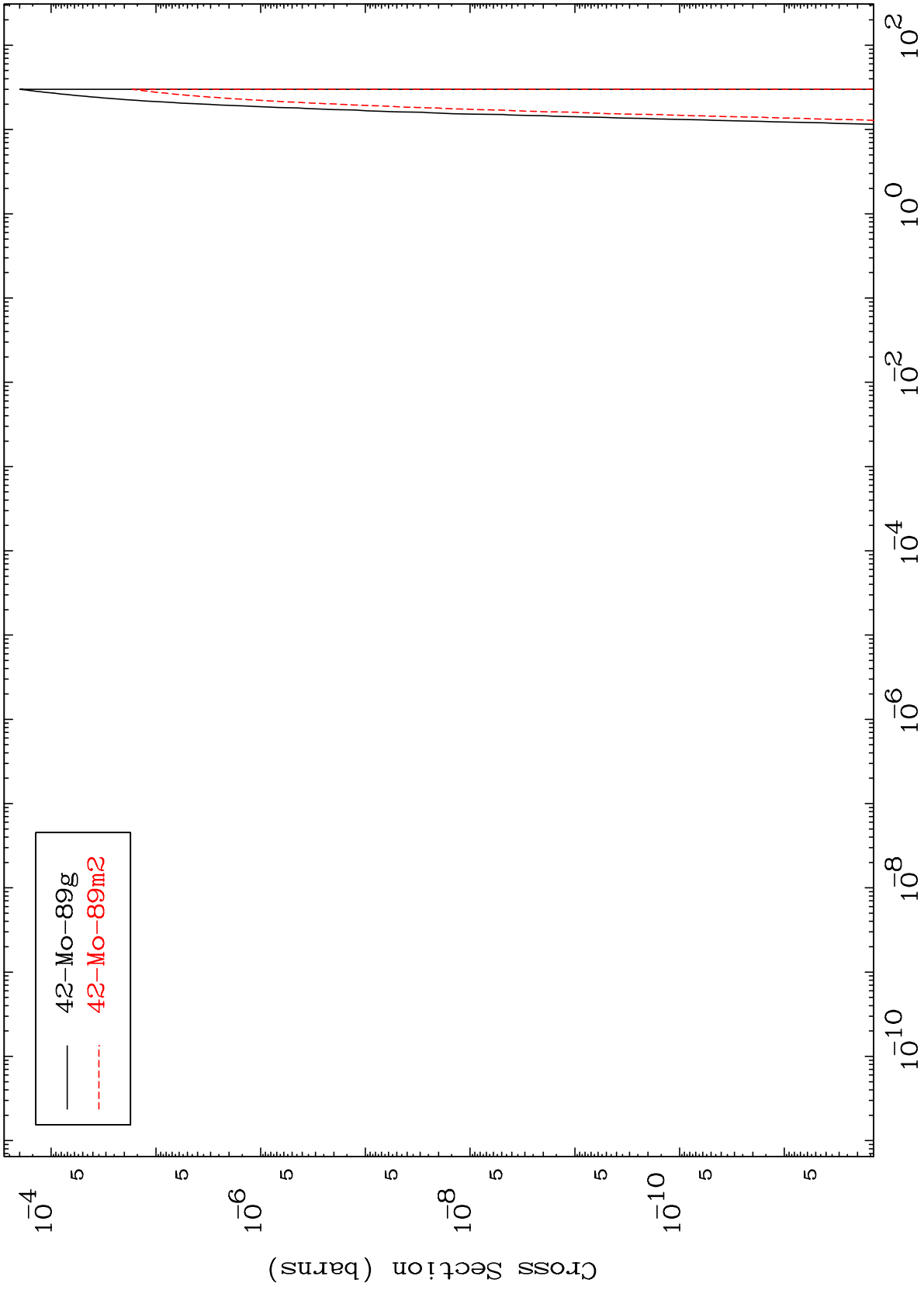
46-Pd-96

MAT 4607

(n,2α)

46-Pd-96

Radionuclide Production Cross Section



56

Incident Energy (MeV)

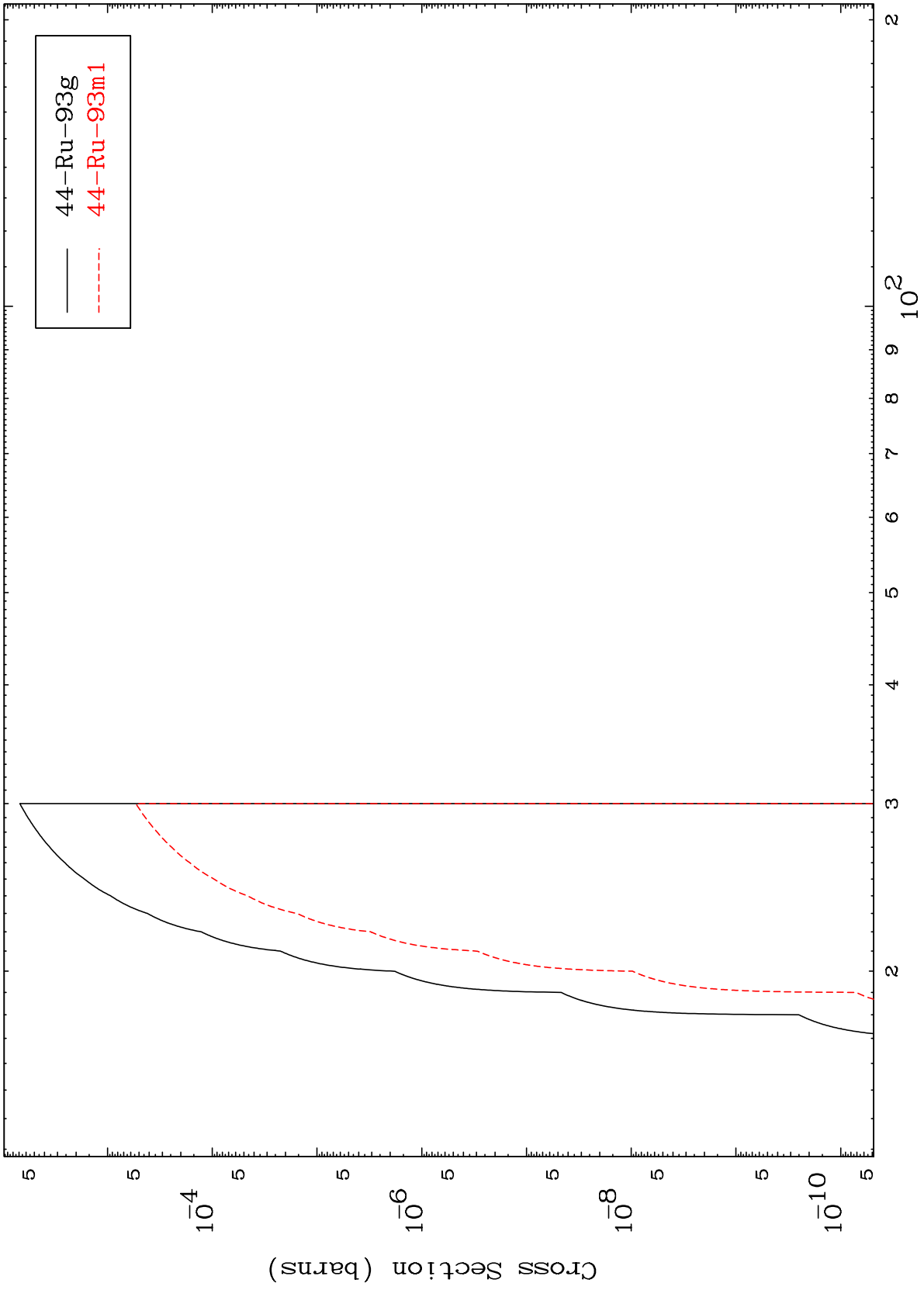
46-Pd-96

MAT 4607

(n,p) t

46-Pd-96

Radionuclide Production Cross Section



57

Incident Energy (MeV)

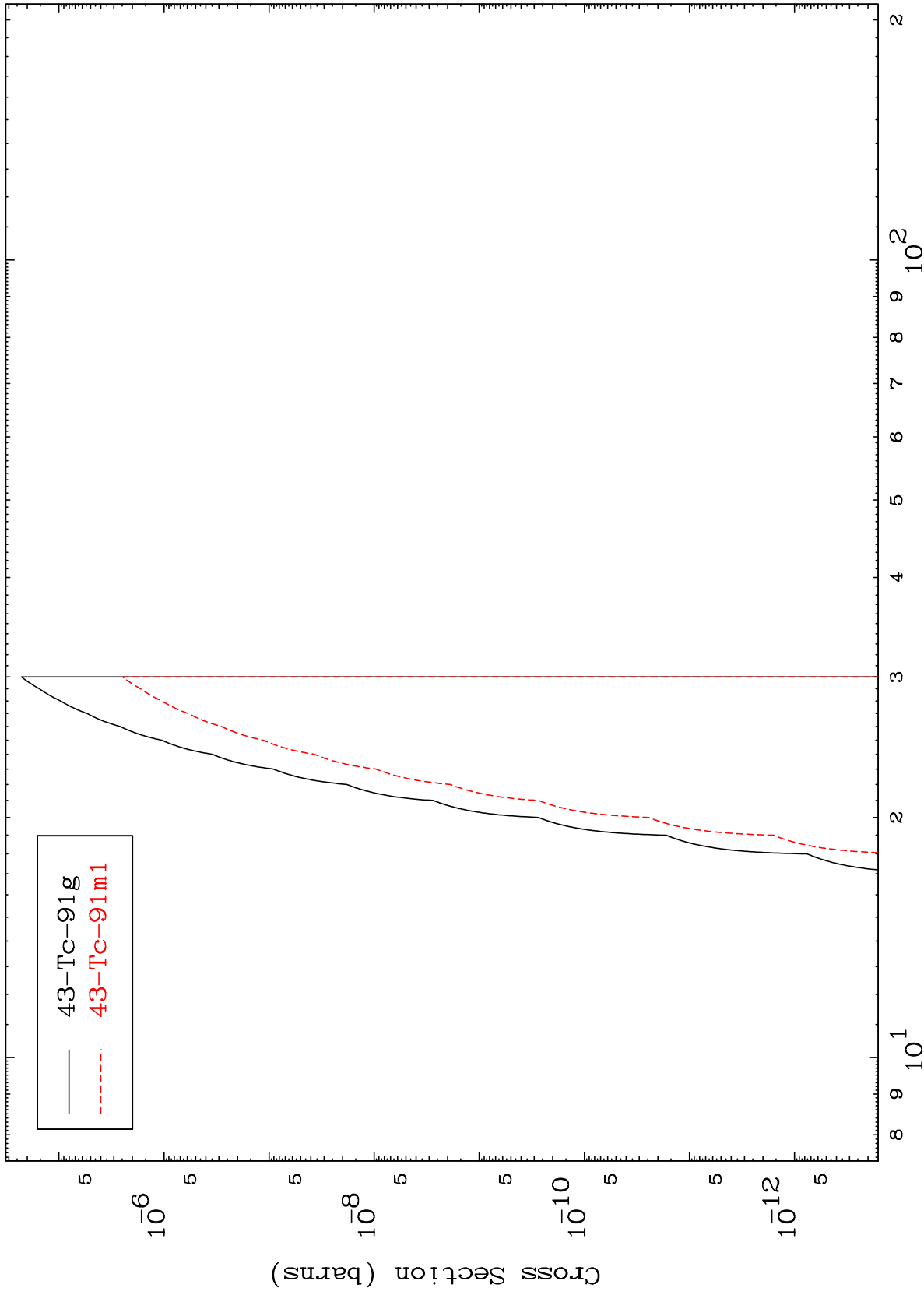
46-Pd-96

MAT 4607

(n,d) α

46-Pd-96

Radionuclide Production Cross Section



58

46-Pd-96