

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

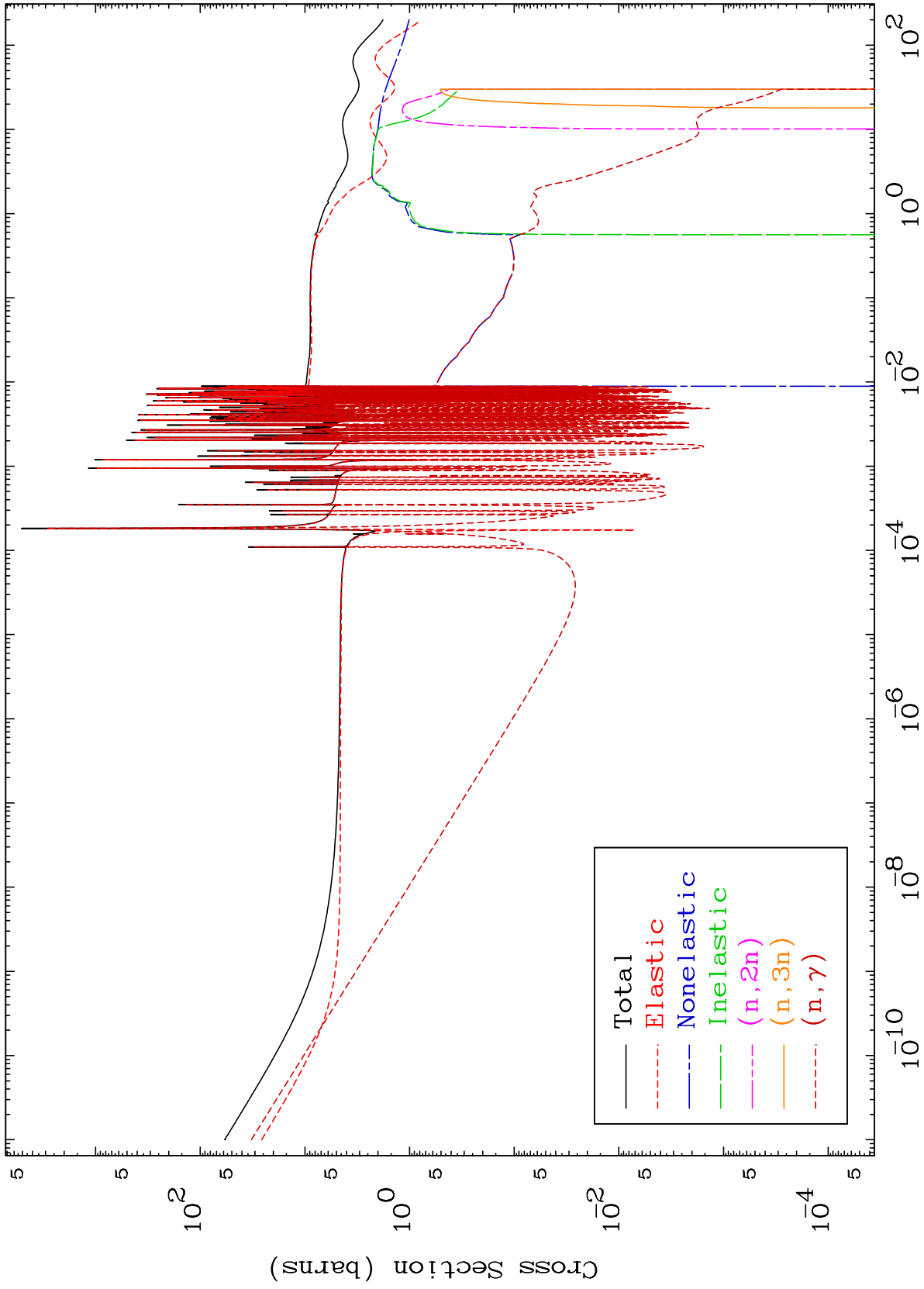
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4631

Neutron Major
293 Kelvin Cross Sections

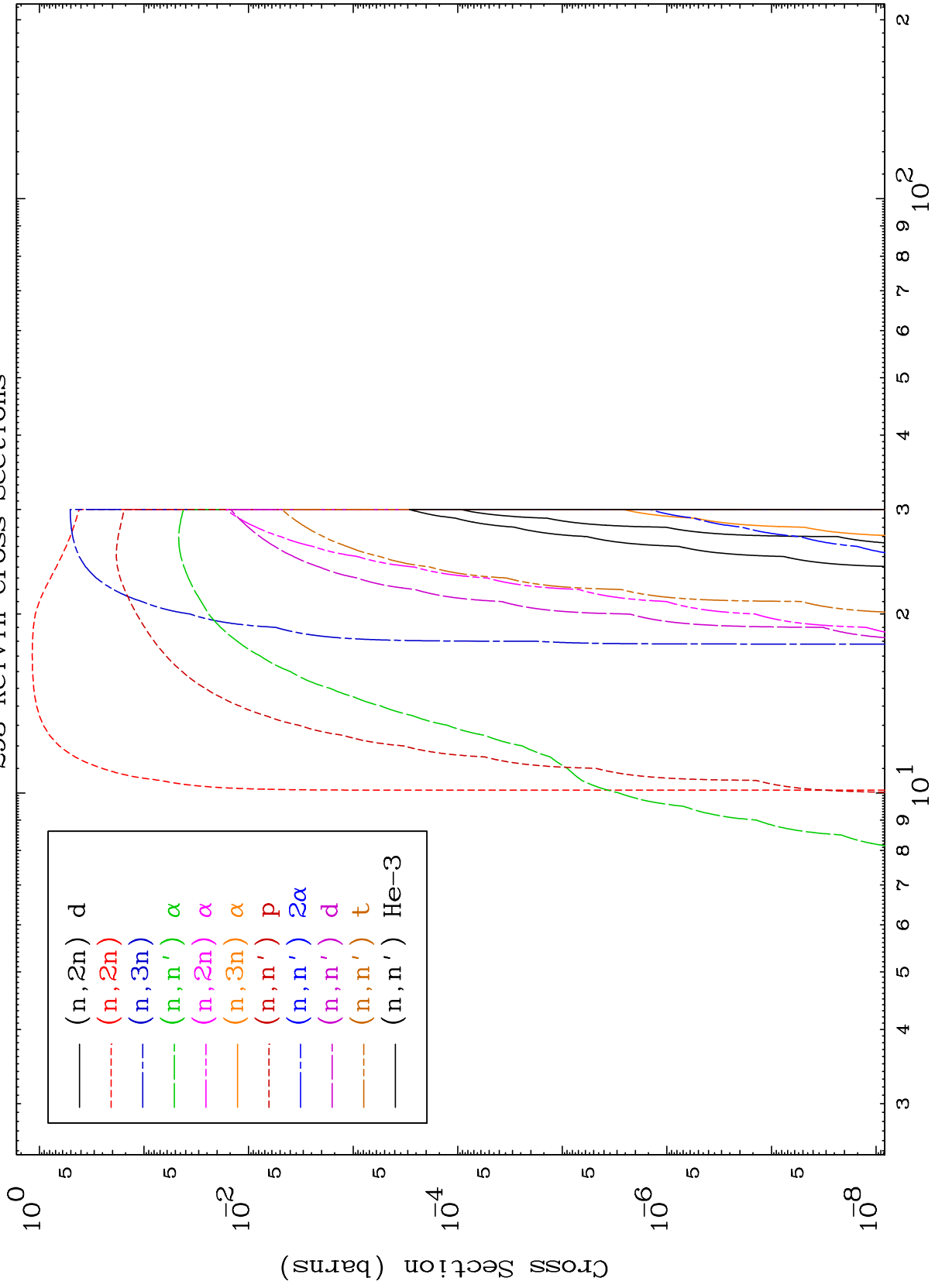
46-Pd-104



MAT 4631

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-104



2

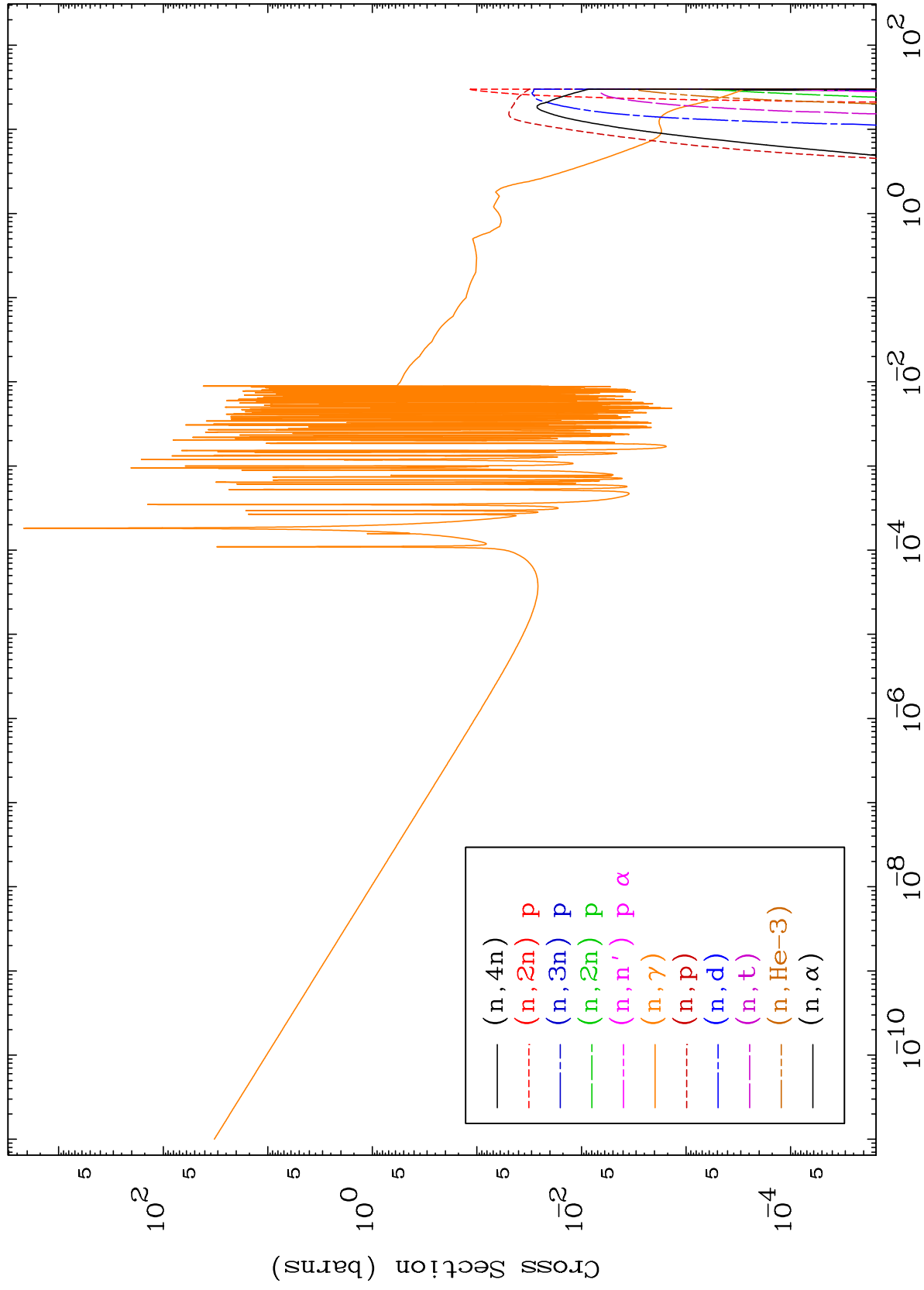
Incident Energy (MeV)

46-Pd-104

MAT 4631

Neutron Absorption
293 Kelvin Cross Sections

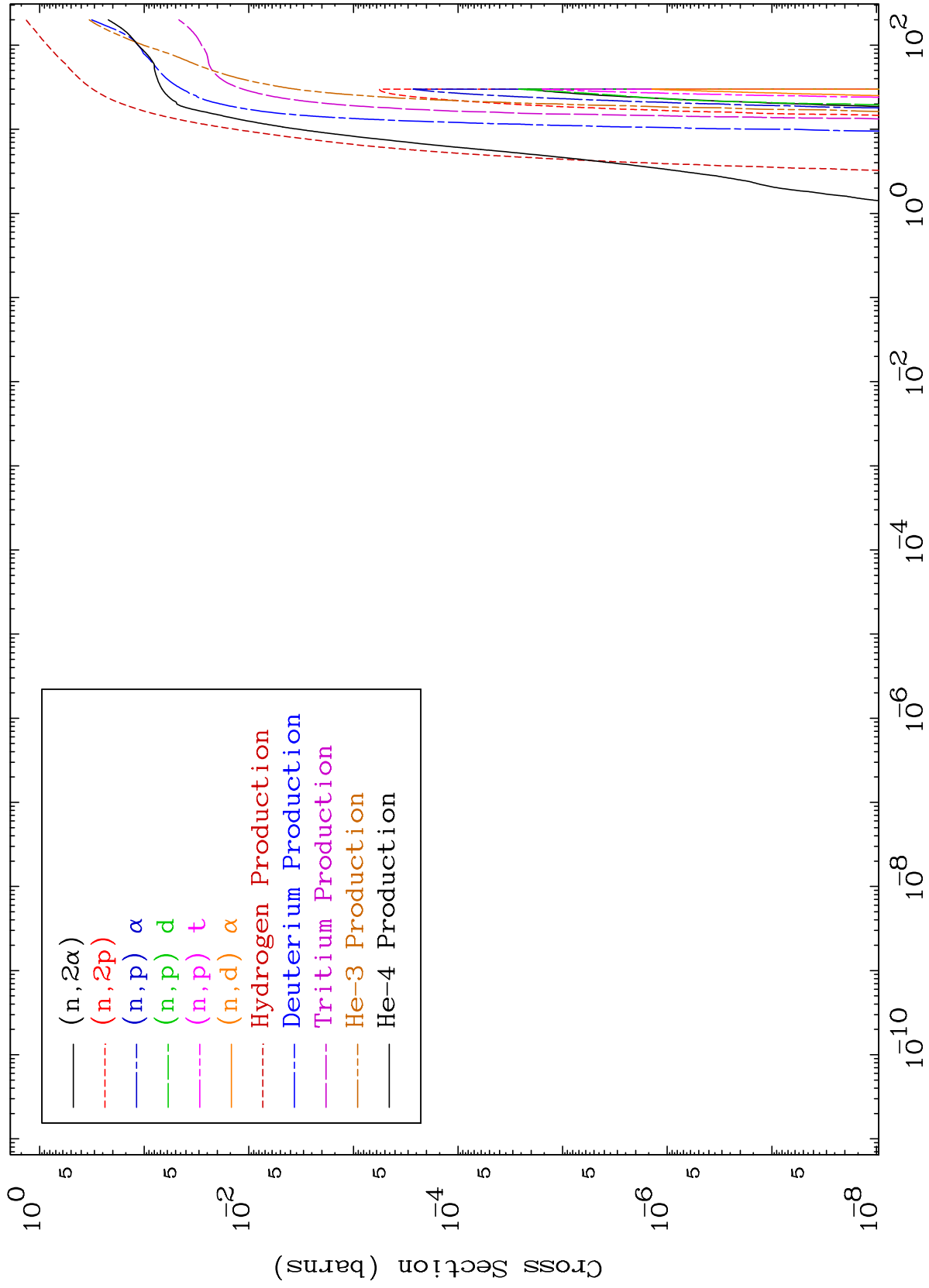
46-Pd-104



MAT 4631

Neutron Absorption
293 Kelvin Cross Sections

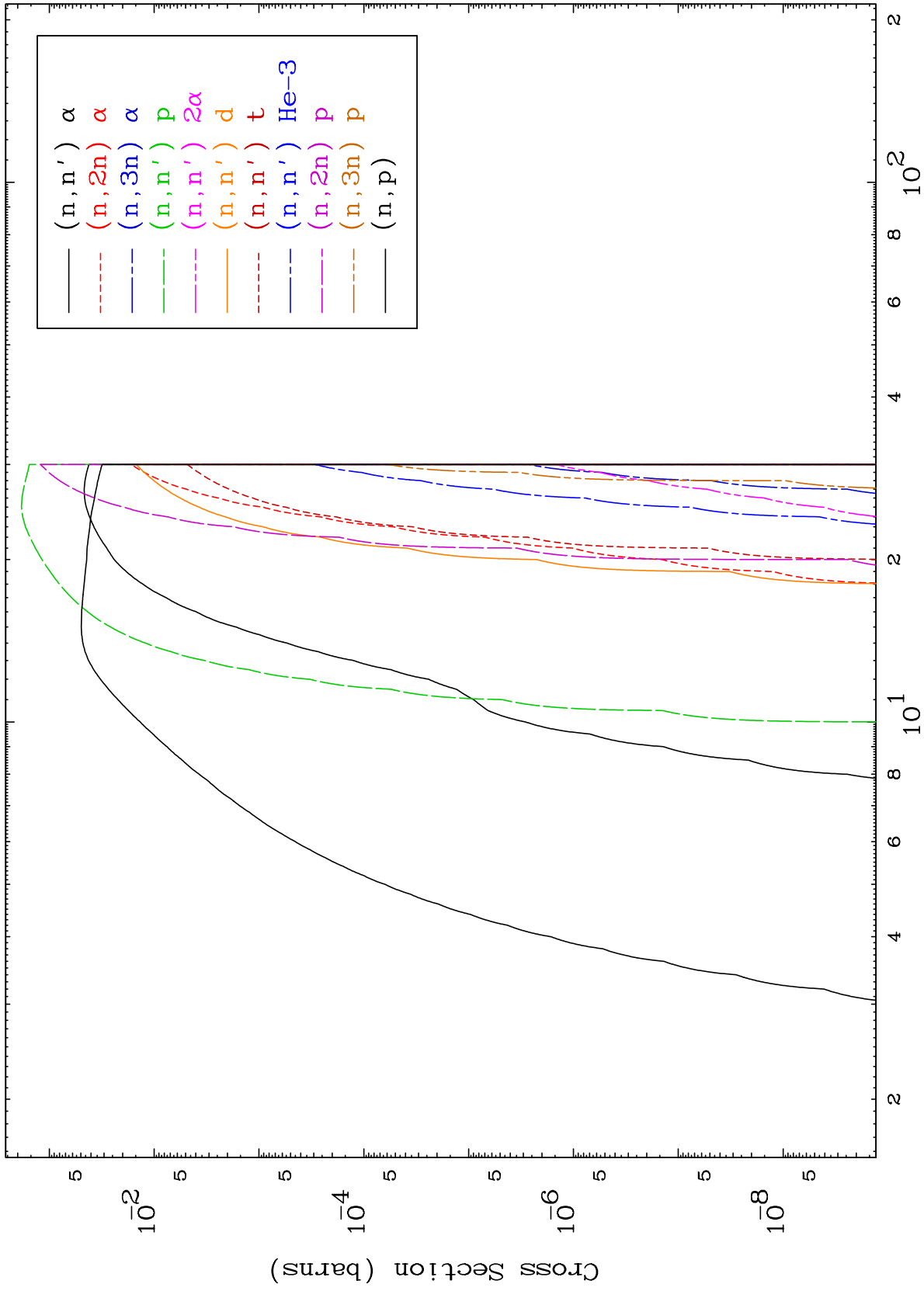
46-Pd-104



MAT 4631

293 Kelvin Cross Sections

46-Pd-104



5

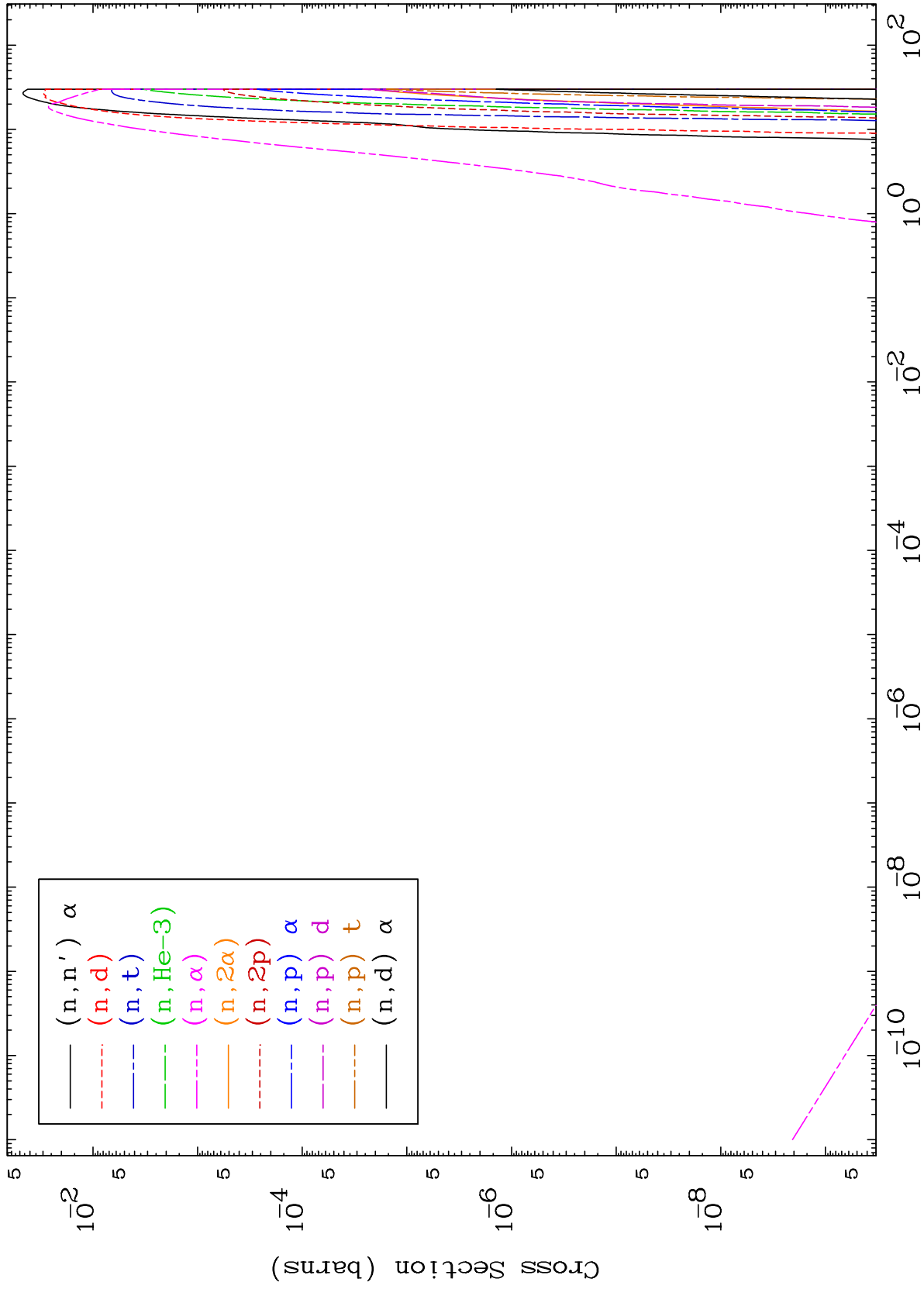
Incident Energy (MeV)

46-Pd-104

MAT 4631

Charged Particle
293 Kelvin Cross Sections

46-Pd-104



6

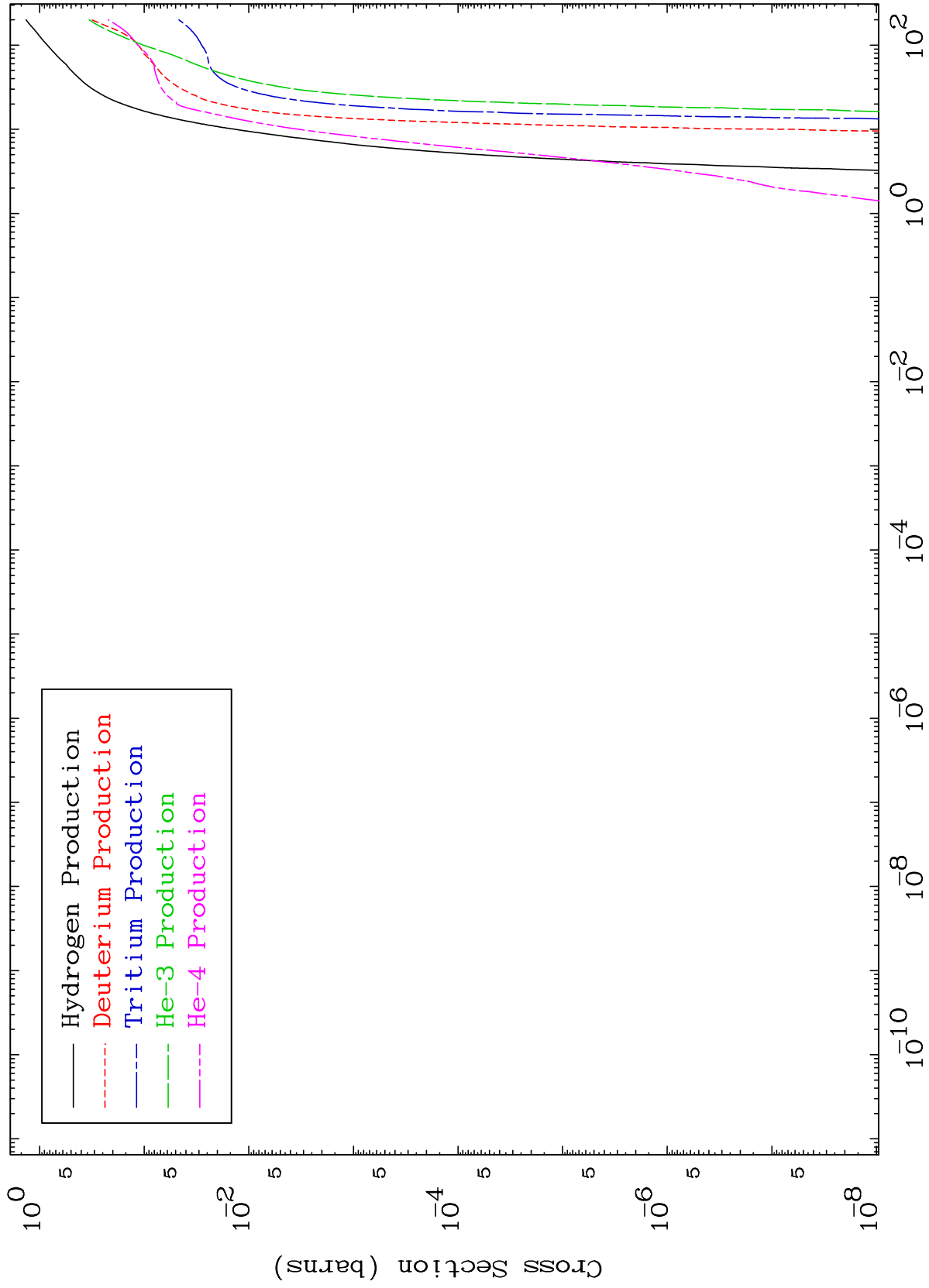
Incident Energy (MeV)

46-Pd-104

MAT 4631

Particle Production
293 Kelvin Cross Sections

46-Pd-104



7

Incident Energy (MeV)

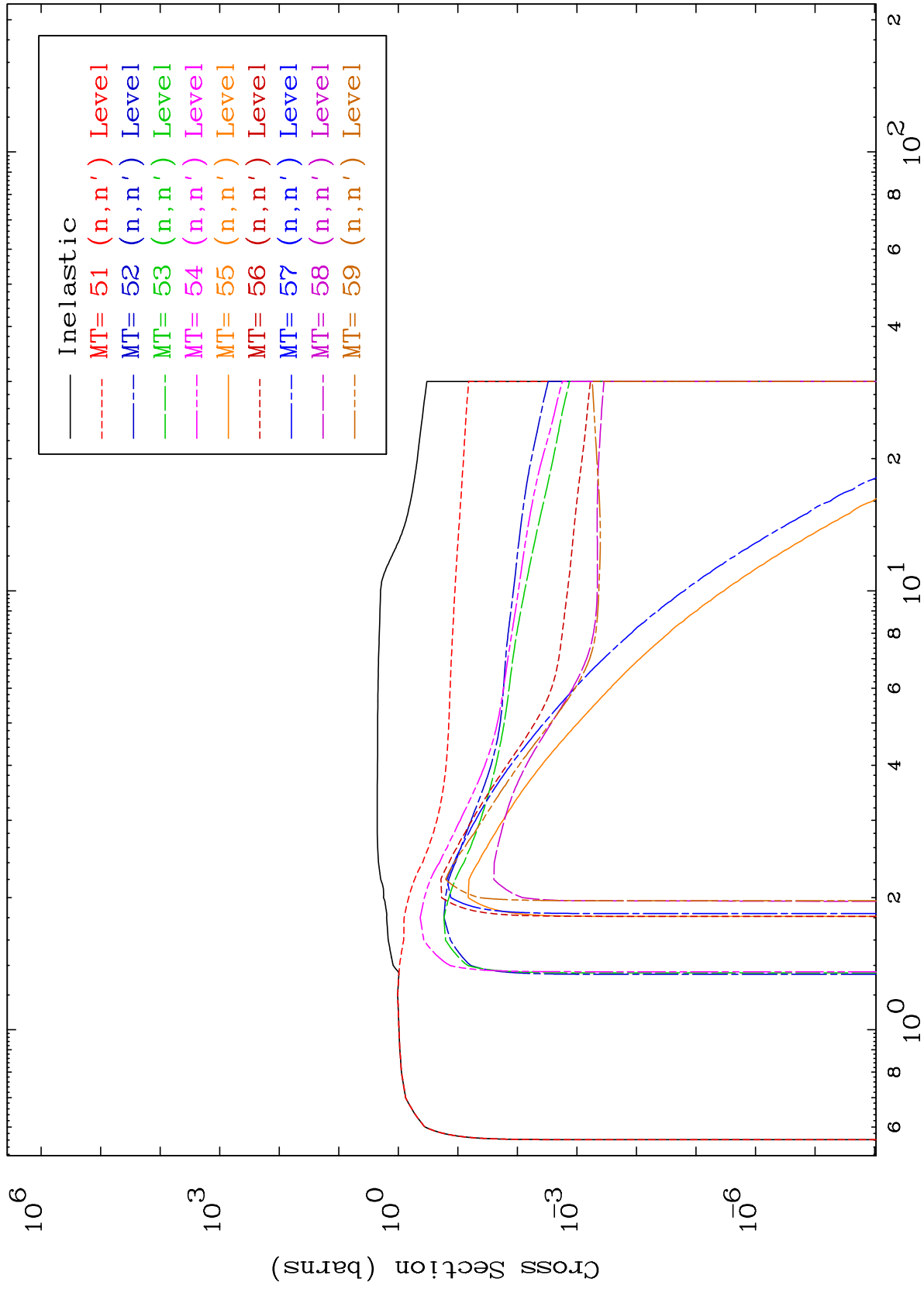
46-Pd-104

MAT 4631

(n,n') Levels

46-Pd-104

293 Kelvin Cross Sections



8

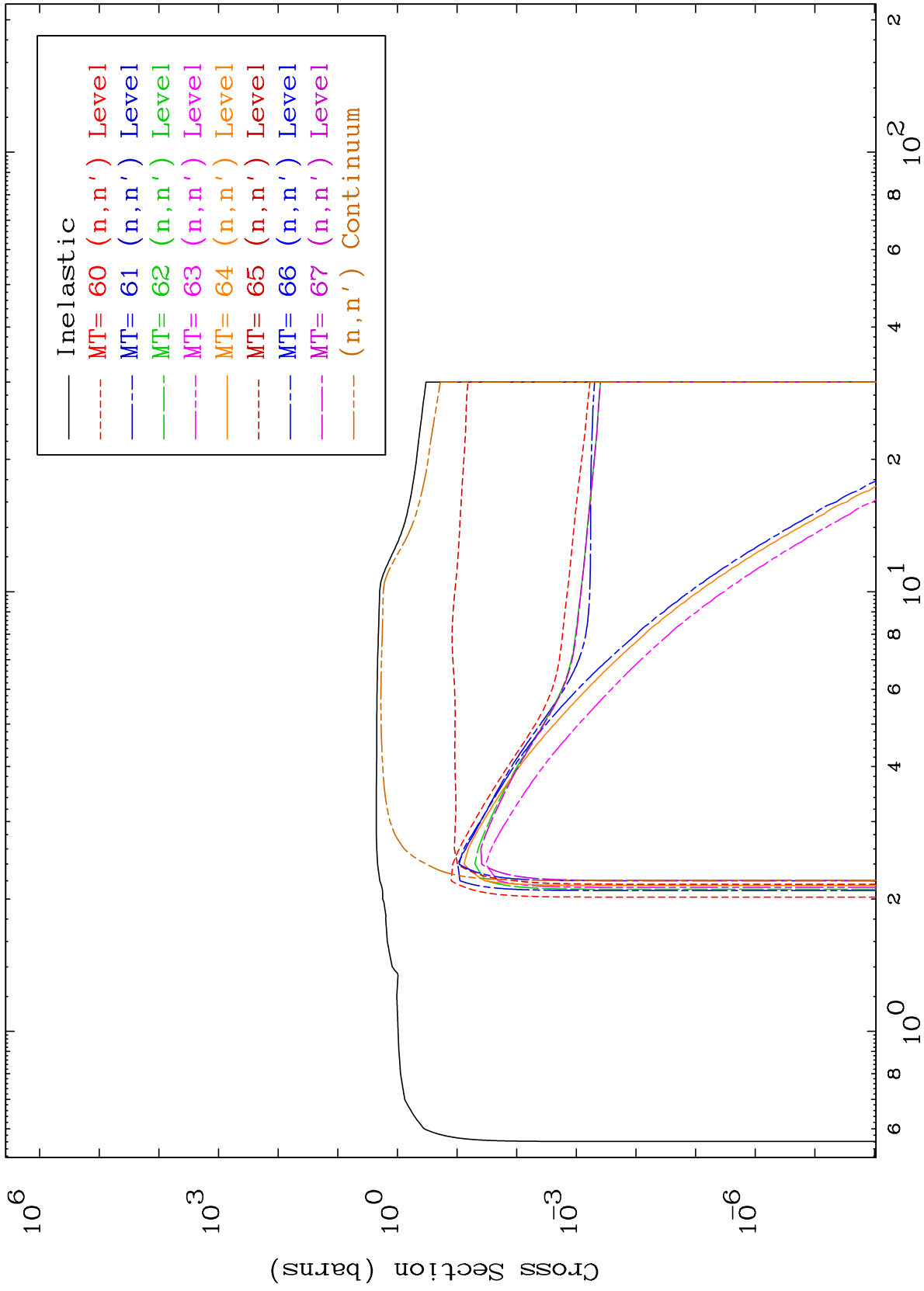
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,n') Levels
293 Kelvin Cross Sections

46-Pd-104



9

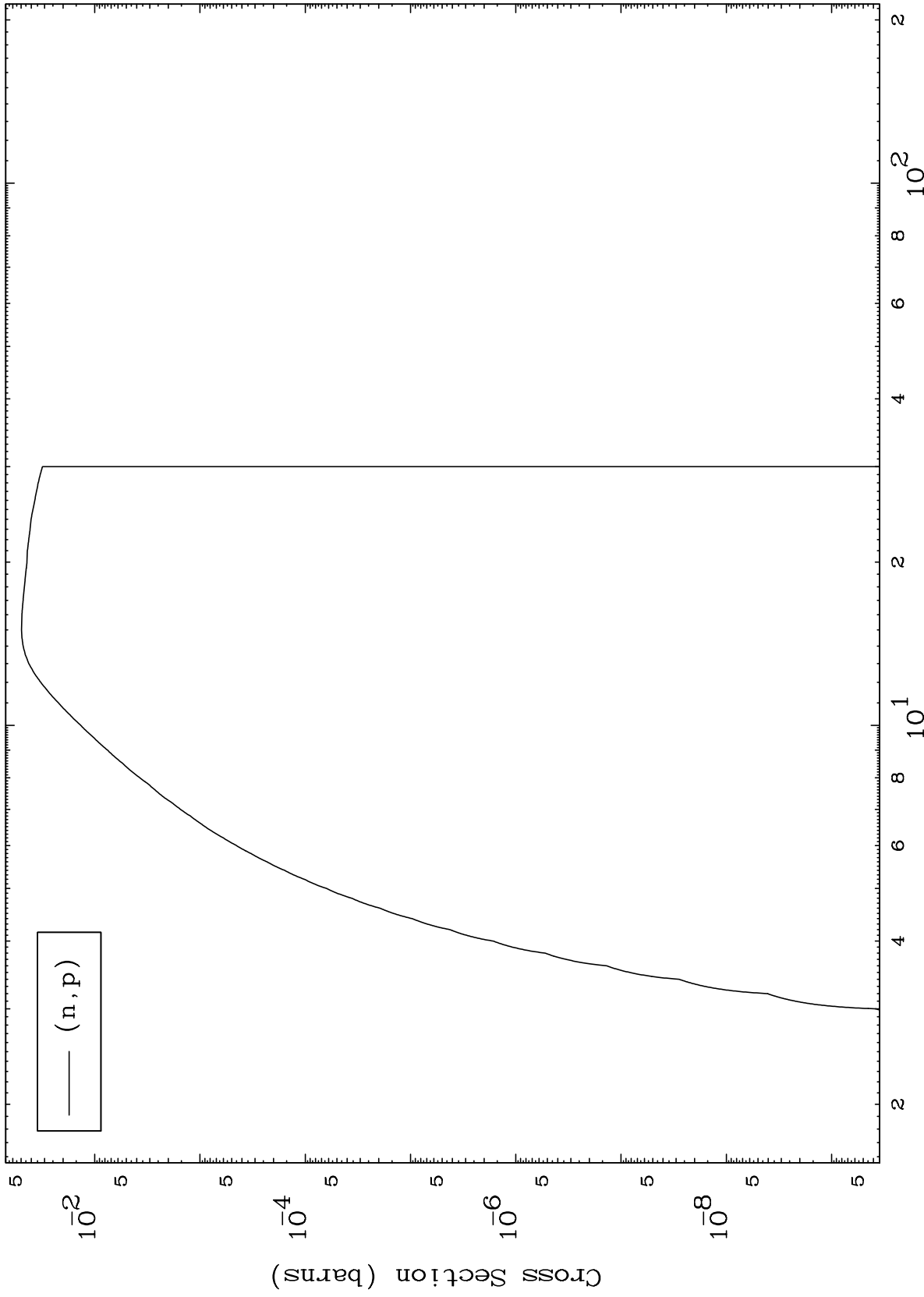
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-104



10

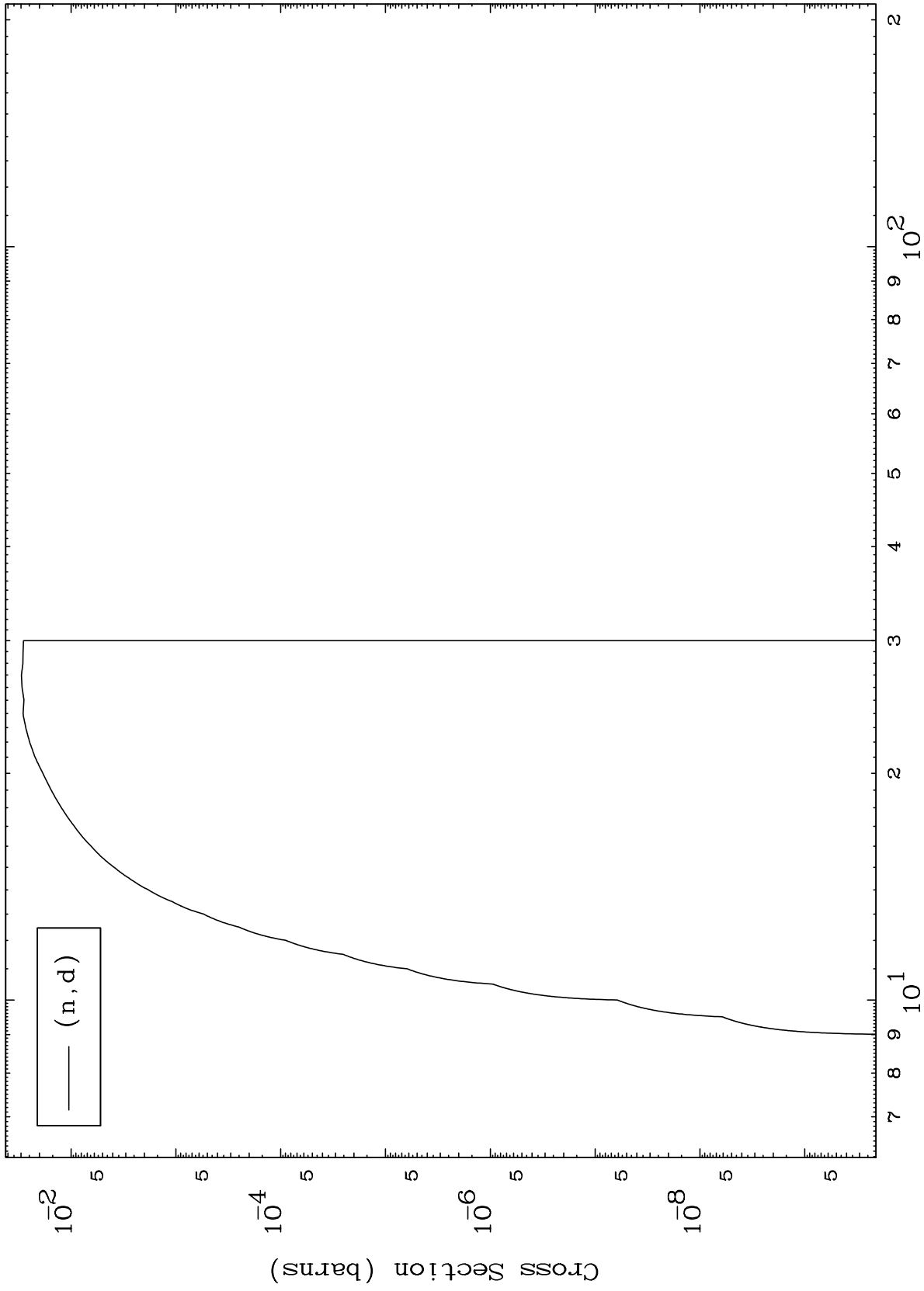
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-104



11

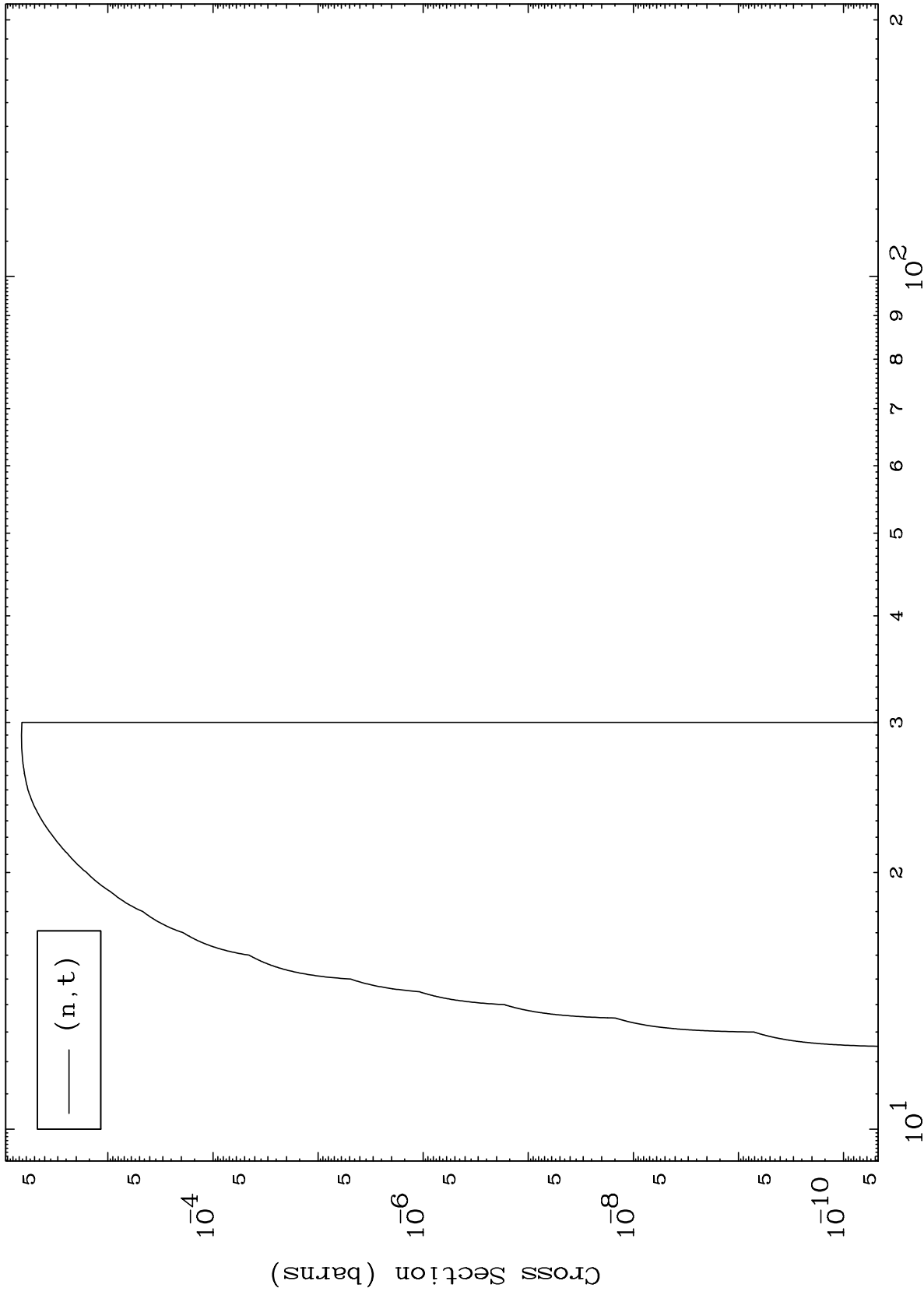
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-104



12

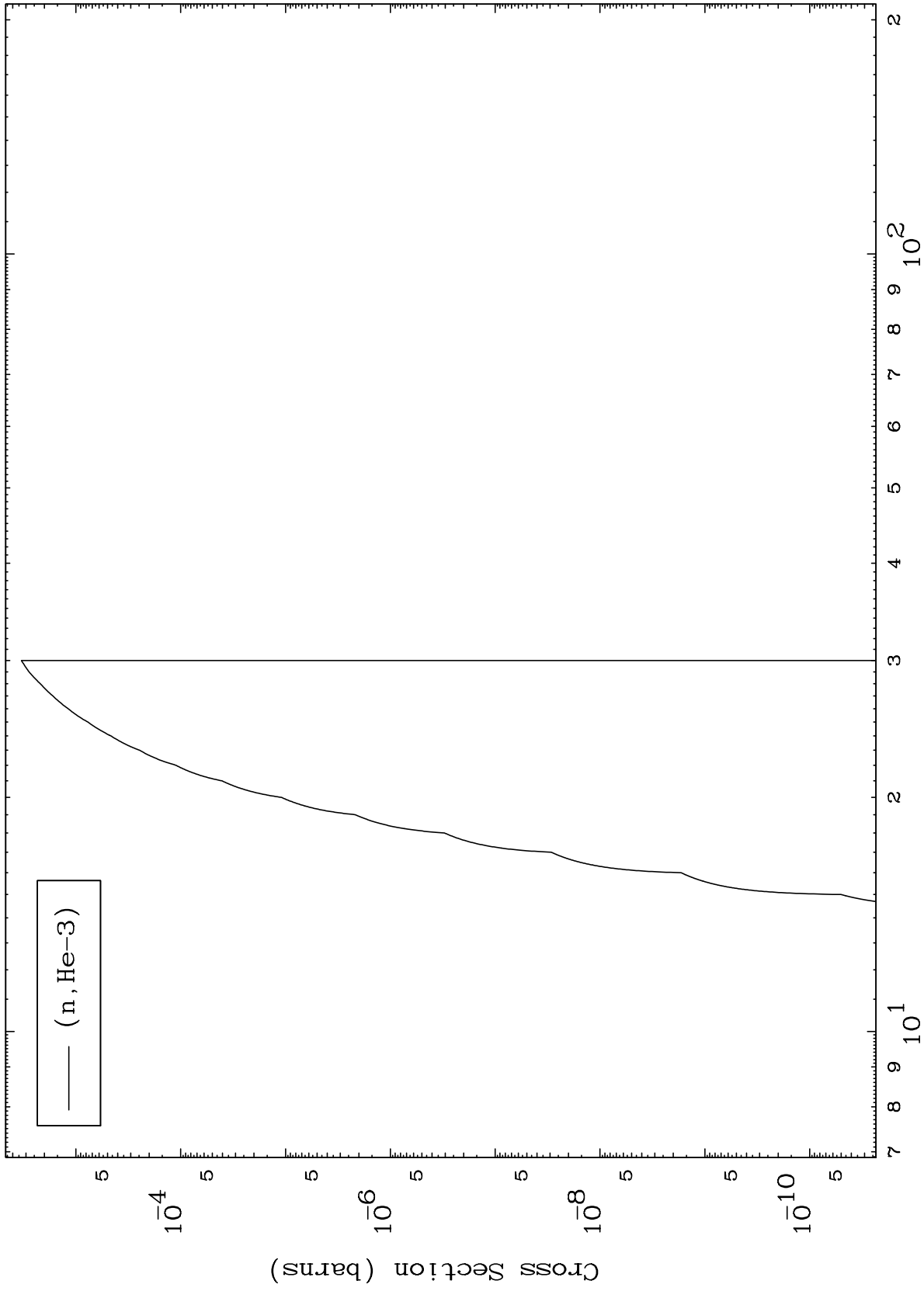
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-104



13

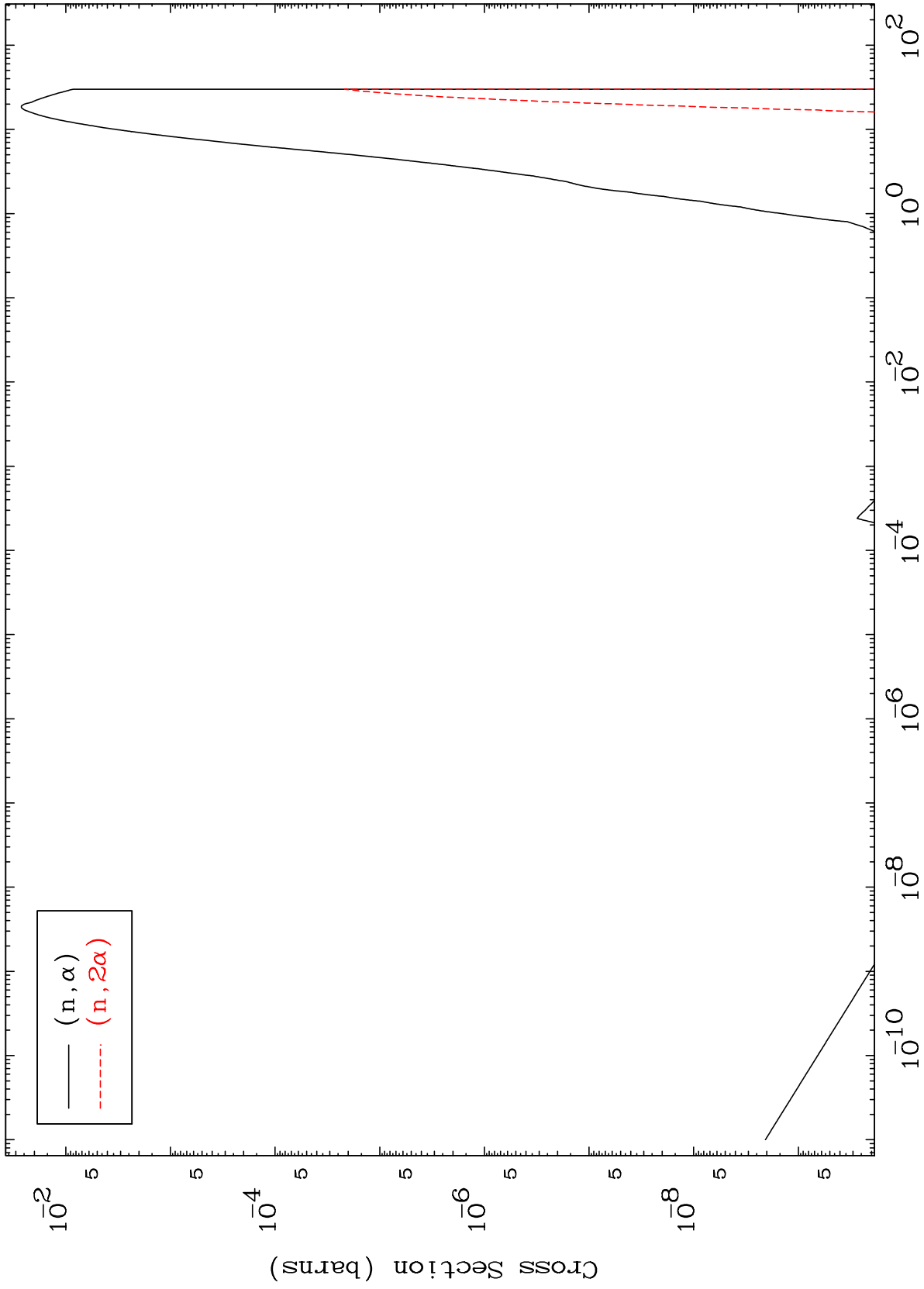
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,α) Levels
293 Kelvin Cross Sections

46-Pd-104



14

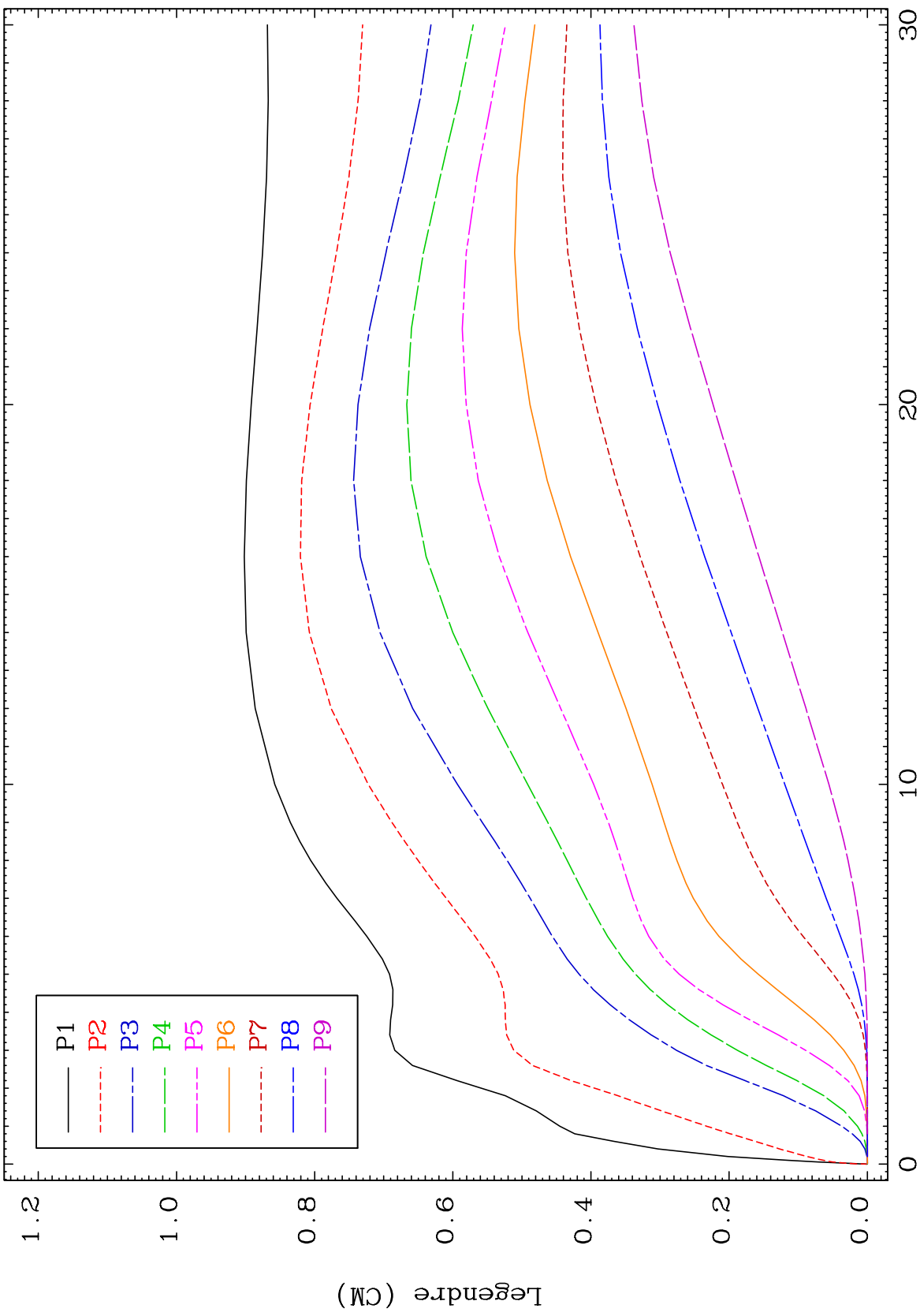
Incident Energy (MeV)

46-Pd-104

MAT 4631

Elastic Legendre Coefficients

46-Pd-104



15

Incident Energy (MeV)

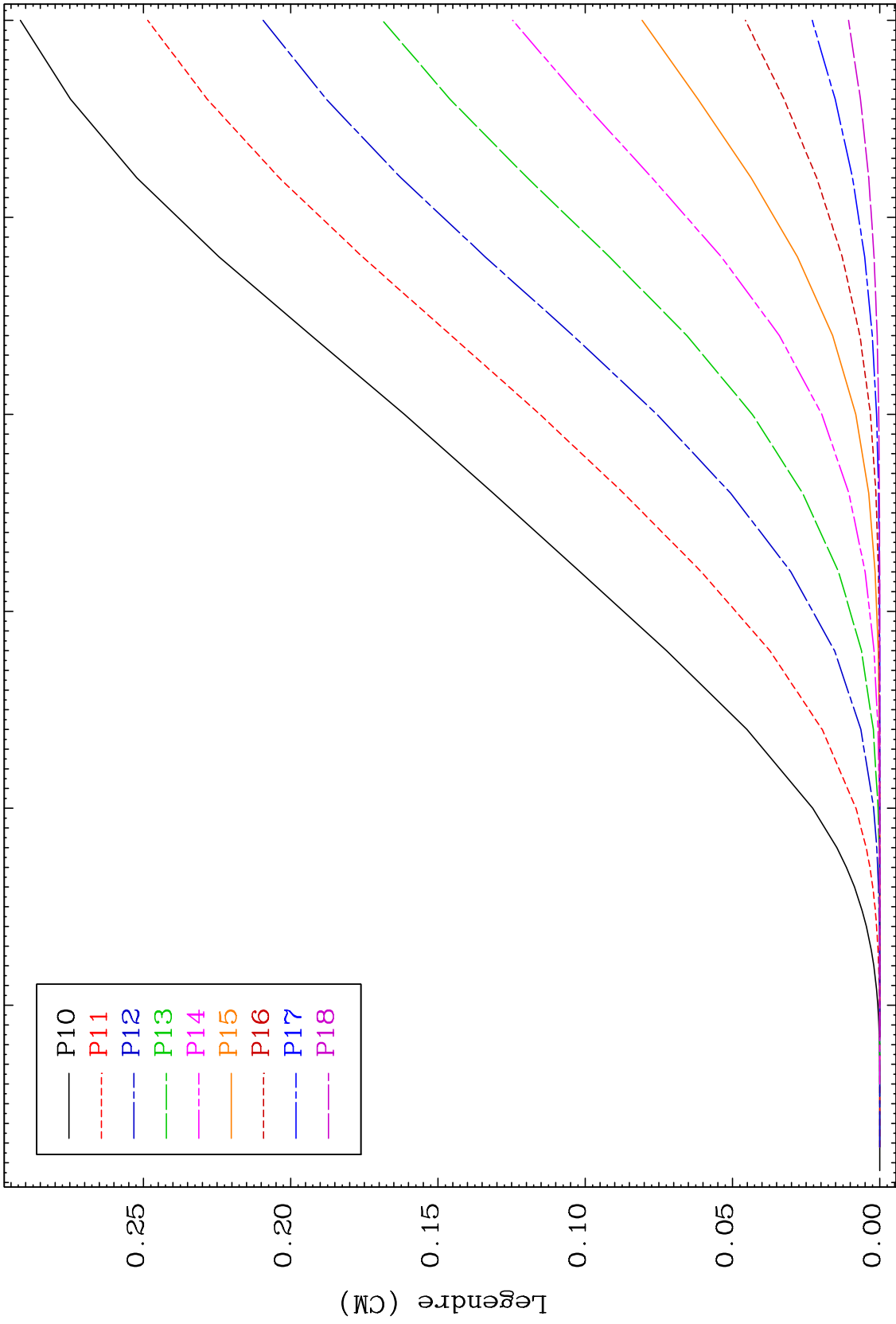
46-Pd-104

30

MAT 4631

Elastic Legendre Coefficients

46-Pd-104



16

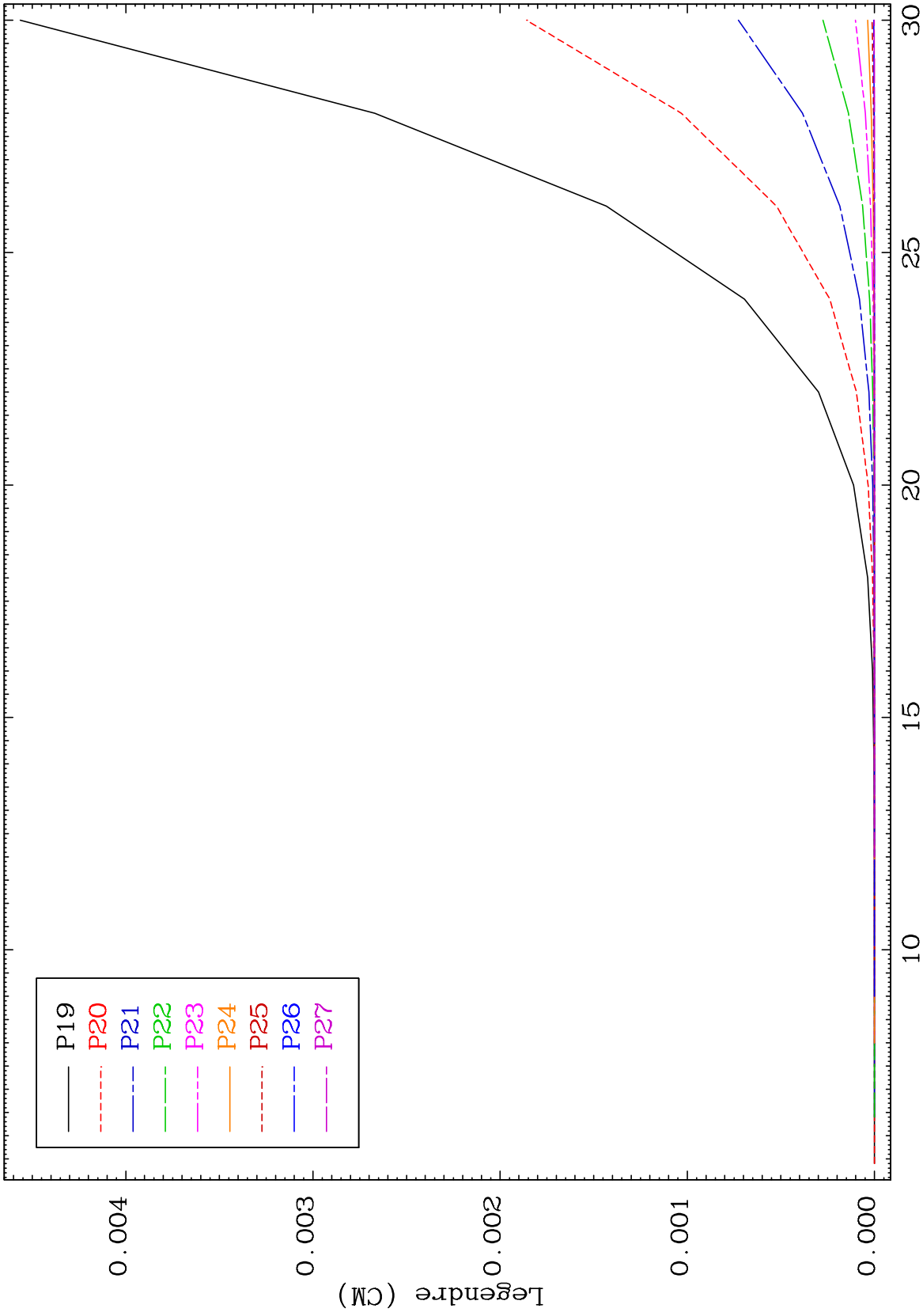
Incident Energy (MeV)

46-Pd-104

MAT 4631

Elastic Legendre Coefficients

46-Pd-104



17

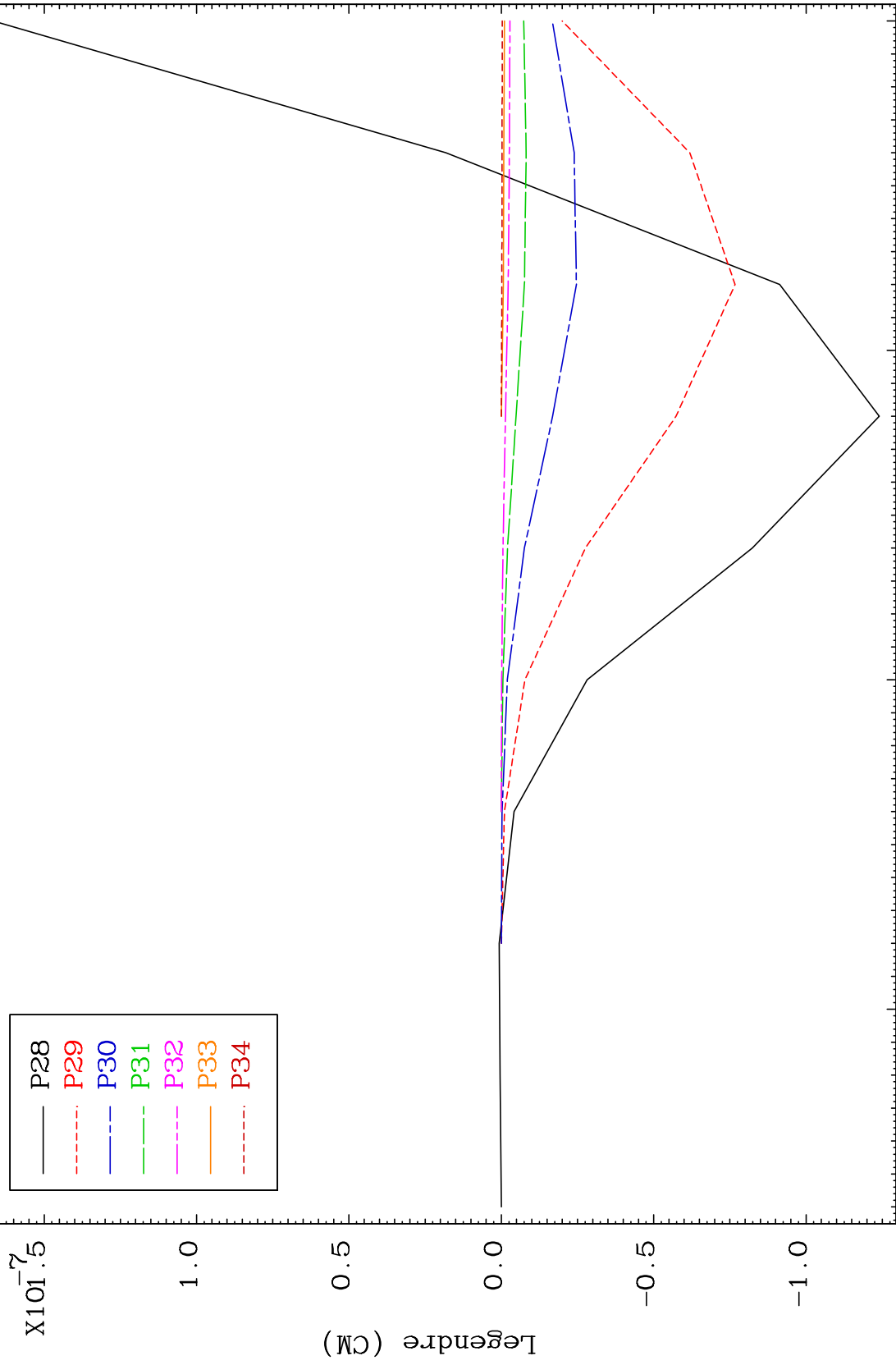
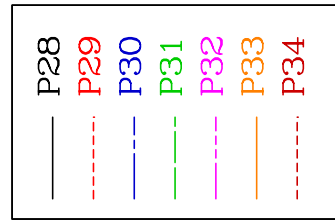
Incident Energy (MeV)

46-Pd-104

MAT 4631

Elastic Legendre Coefficients

46-Pd-104



18

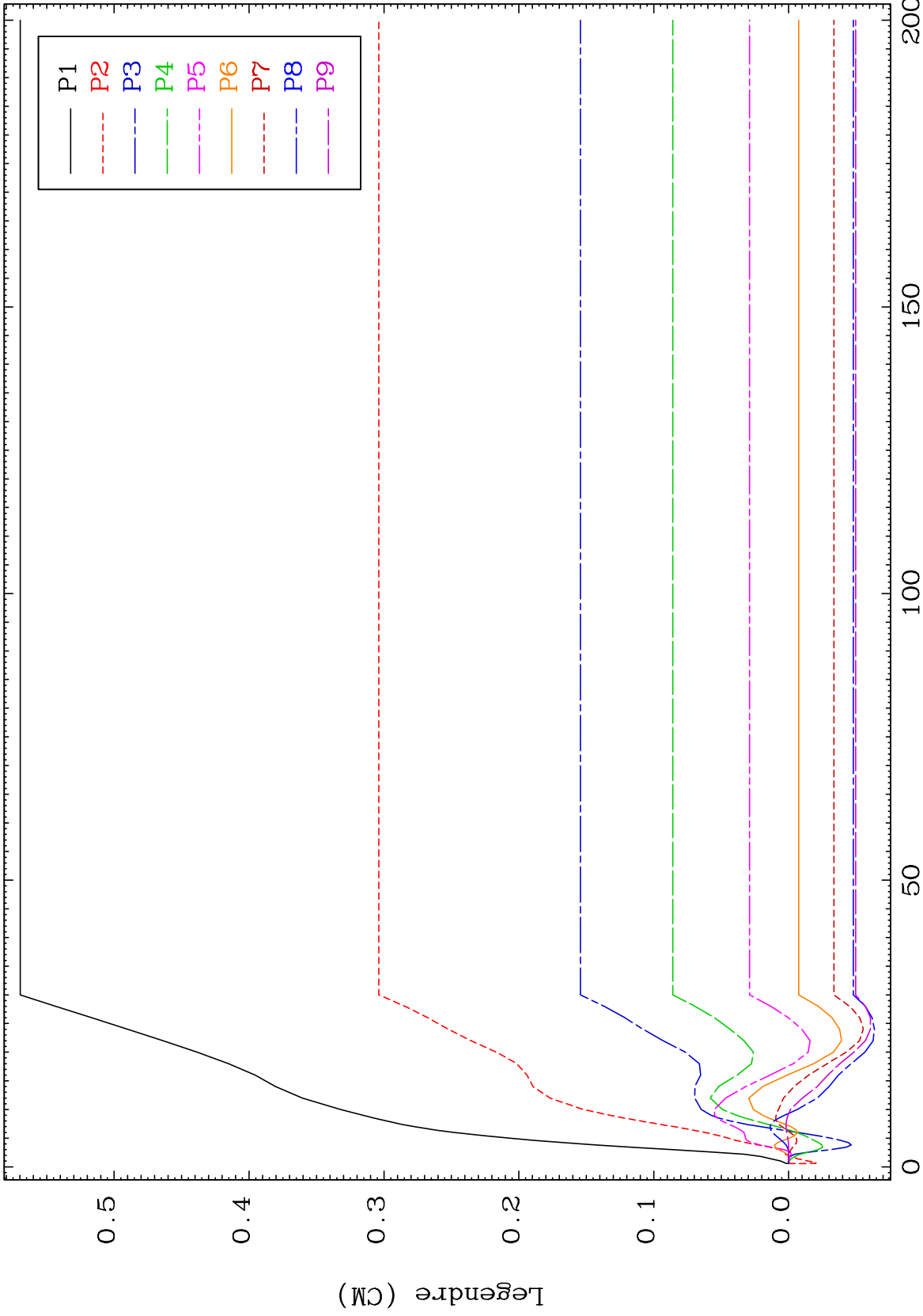
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



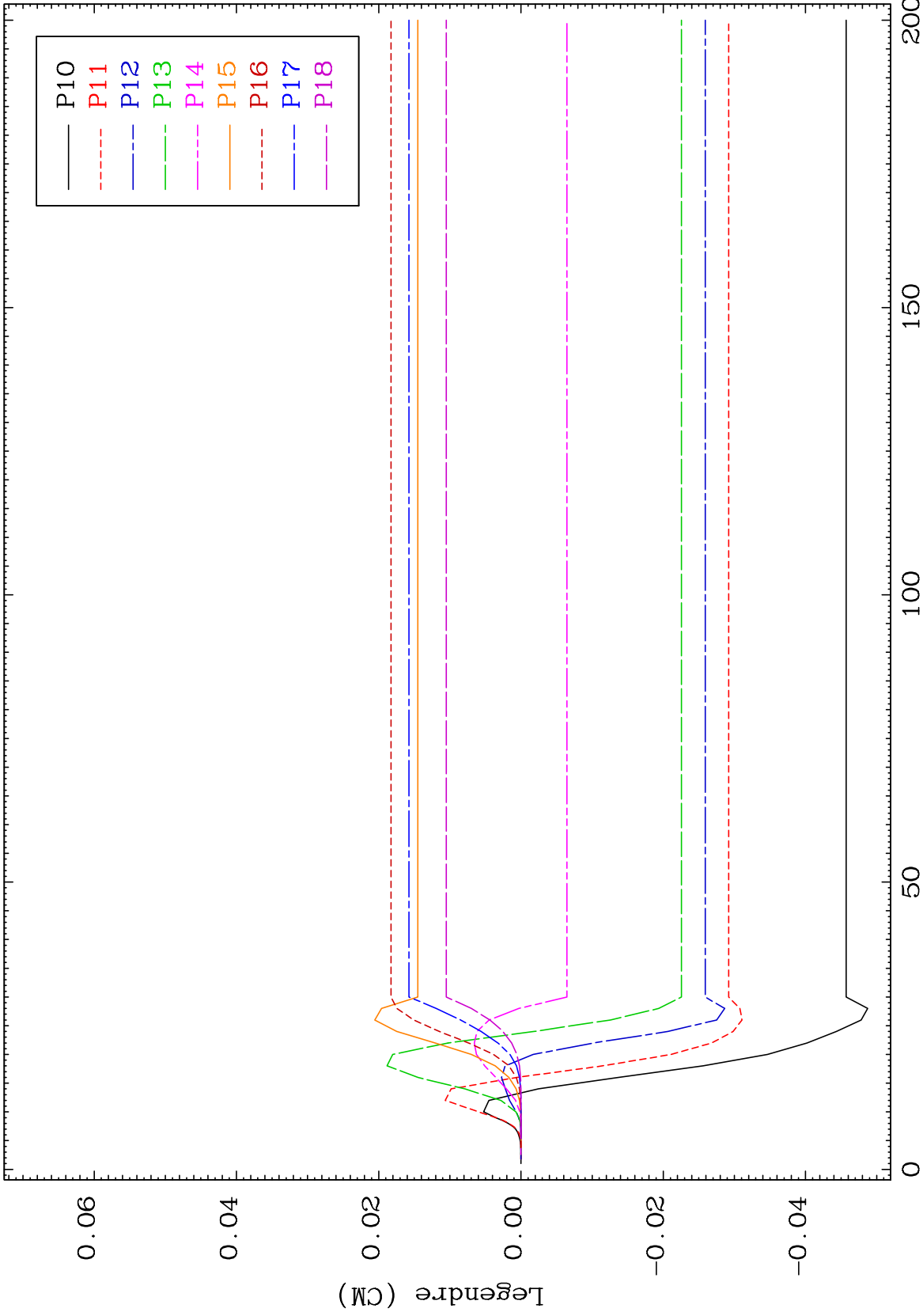
19

46-Pd-104

MAT 4631

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

46-Pd-104



46-Pd-104

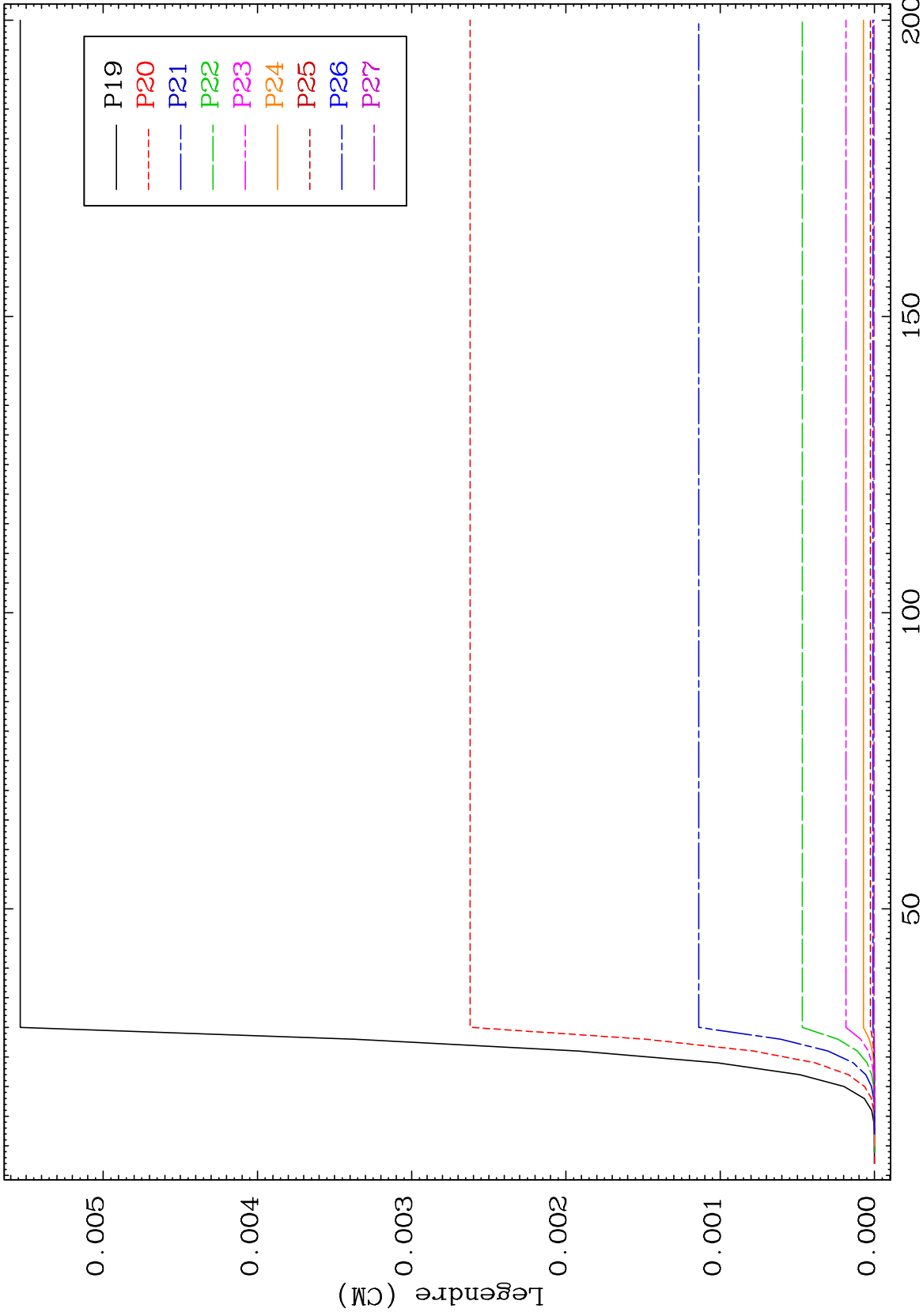
Incident Energy (MeV)

20

MAT 4631

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

46-Pd-104



21

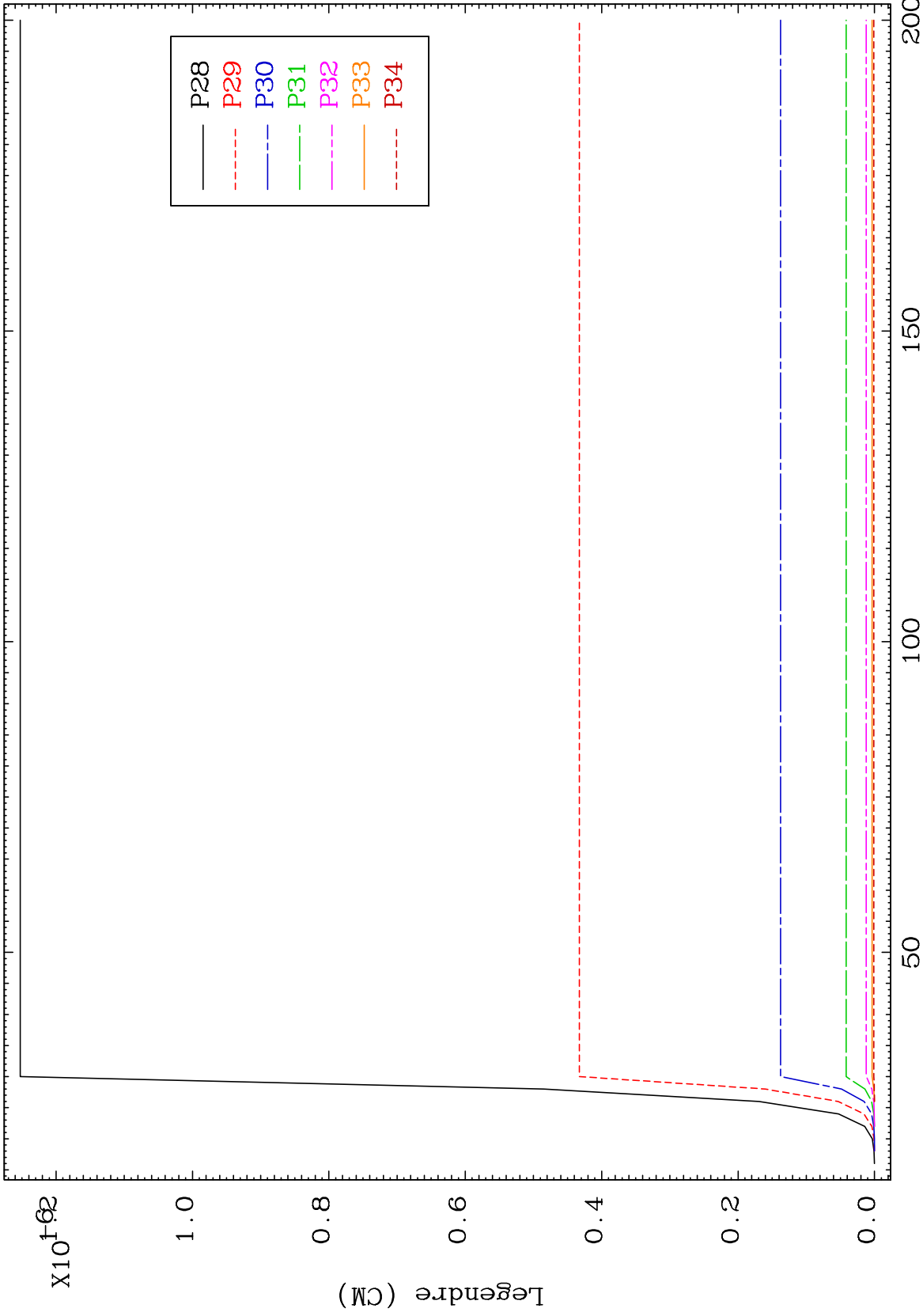
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



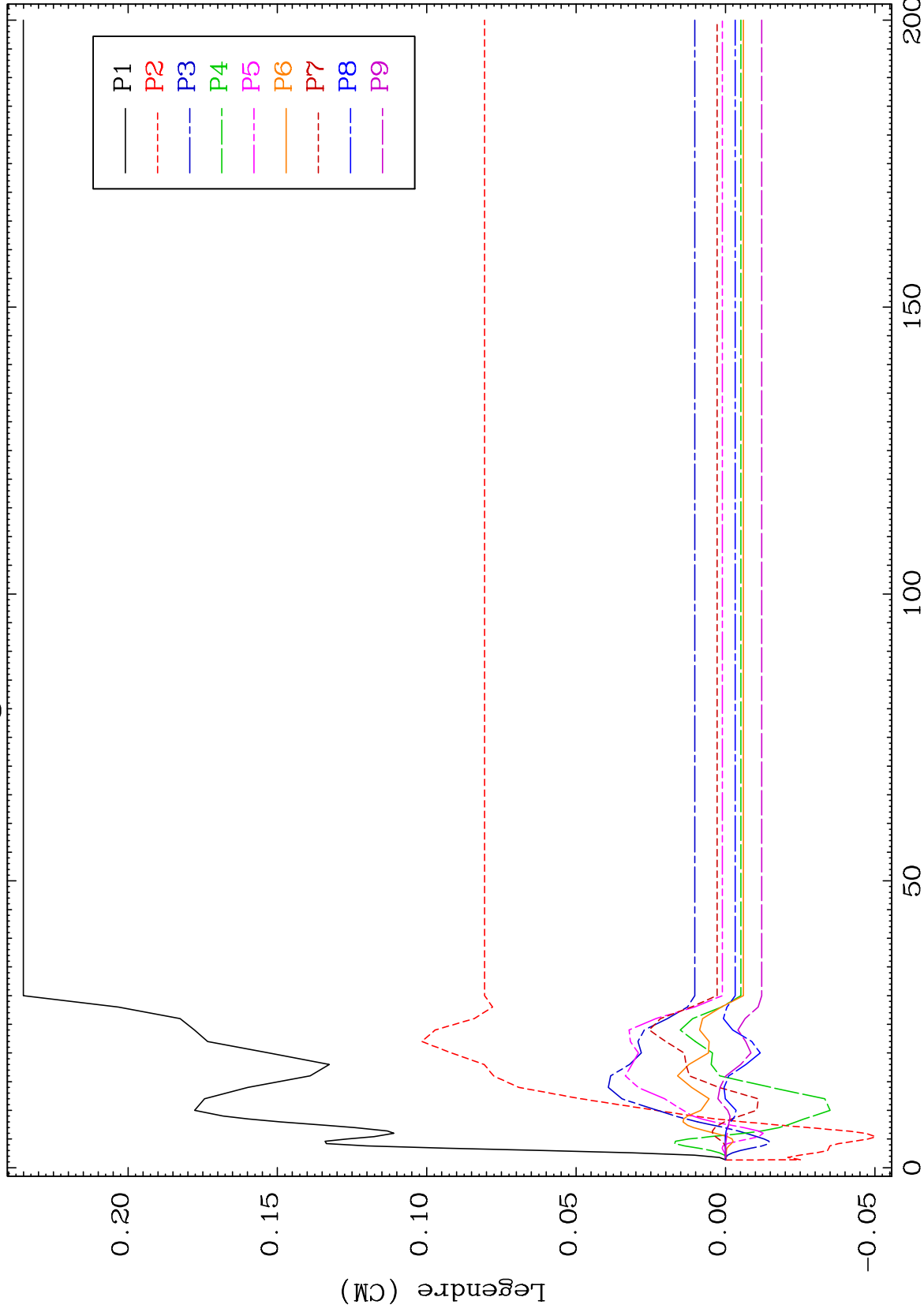
22

46-Pd-104

MAT 4631

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

46-Pd-104



23

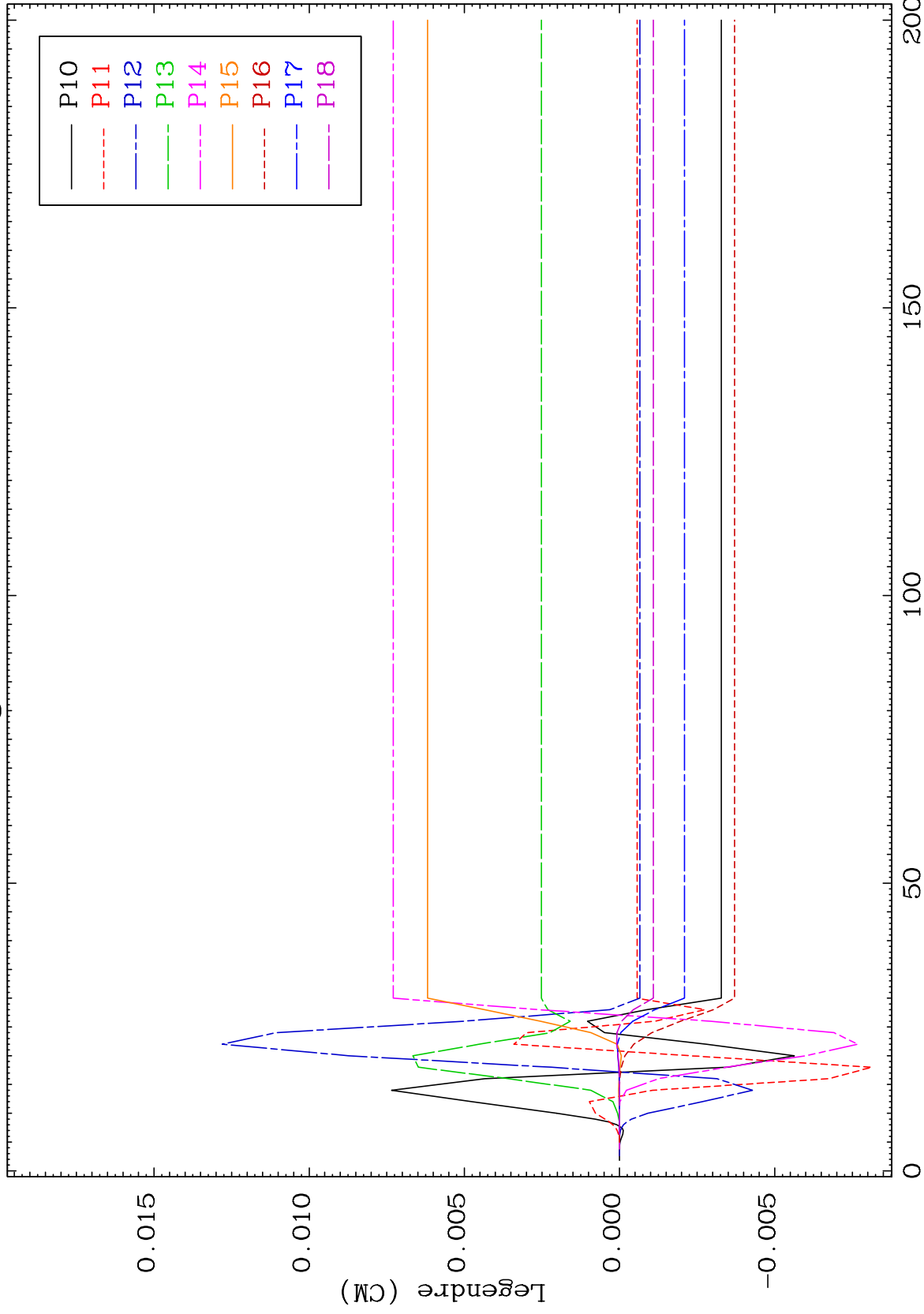
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



24

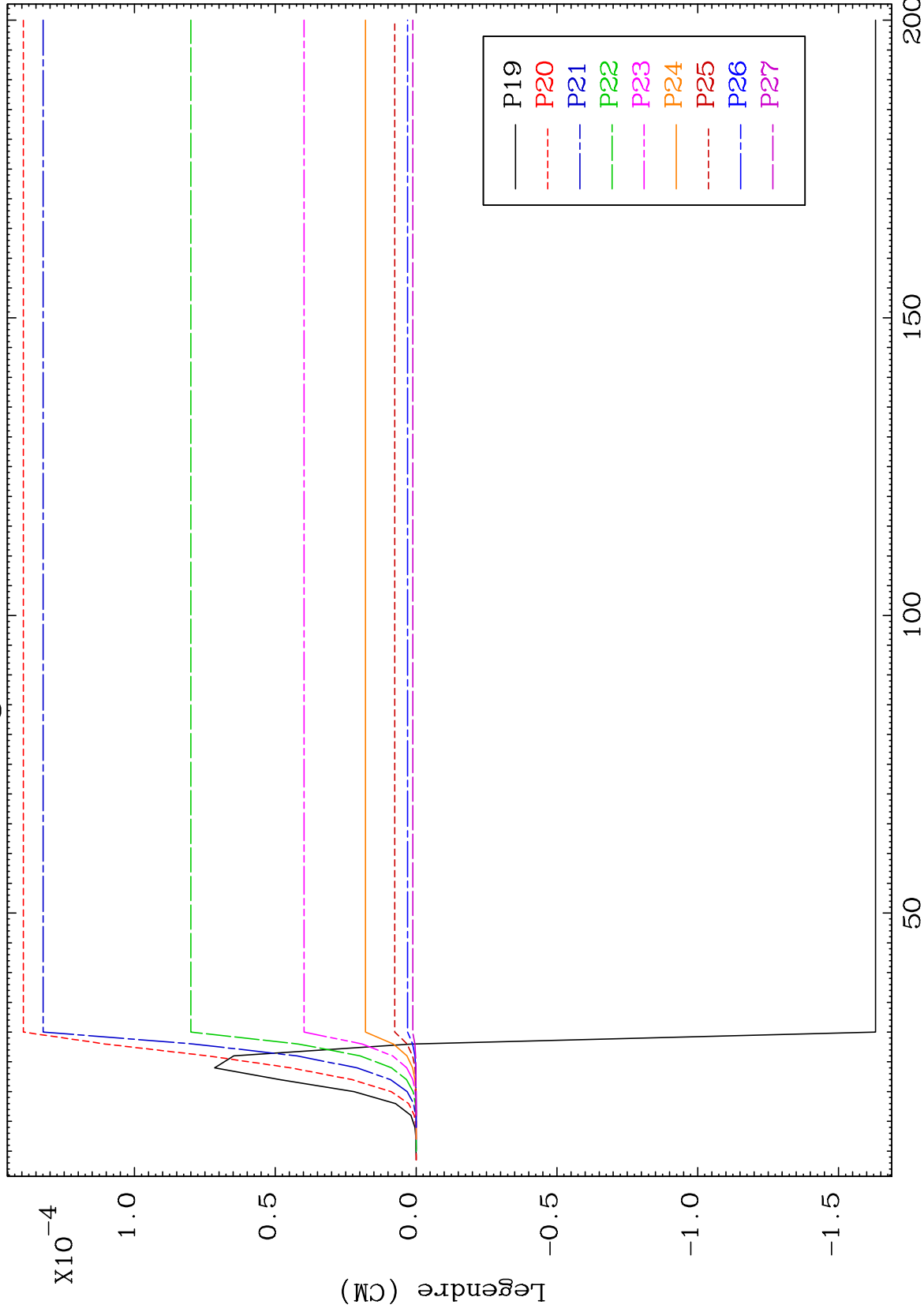
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



25

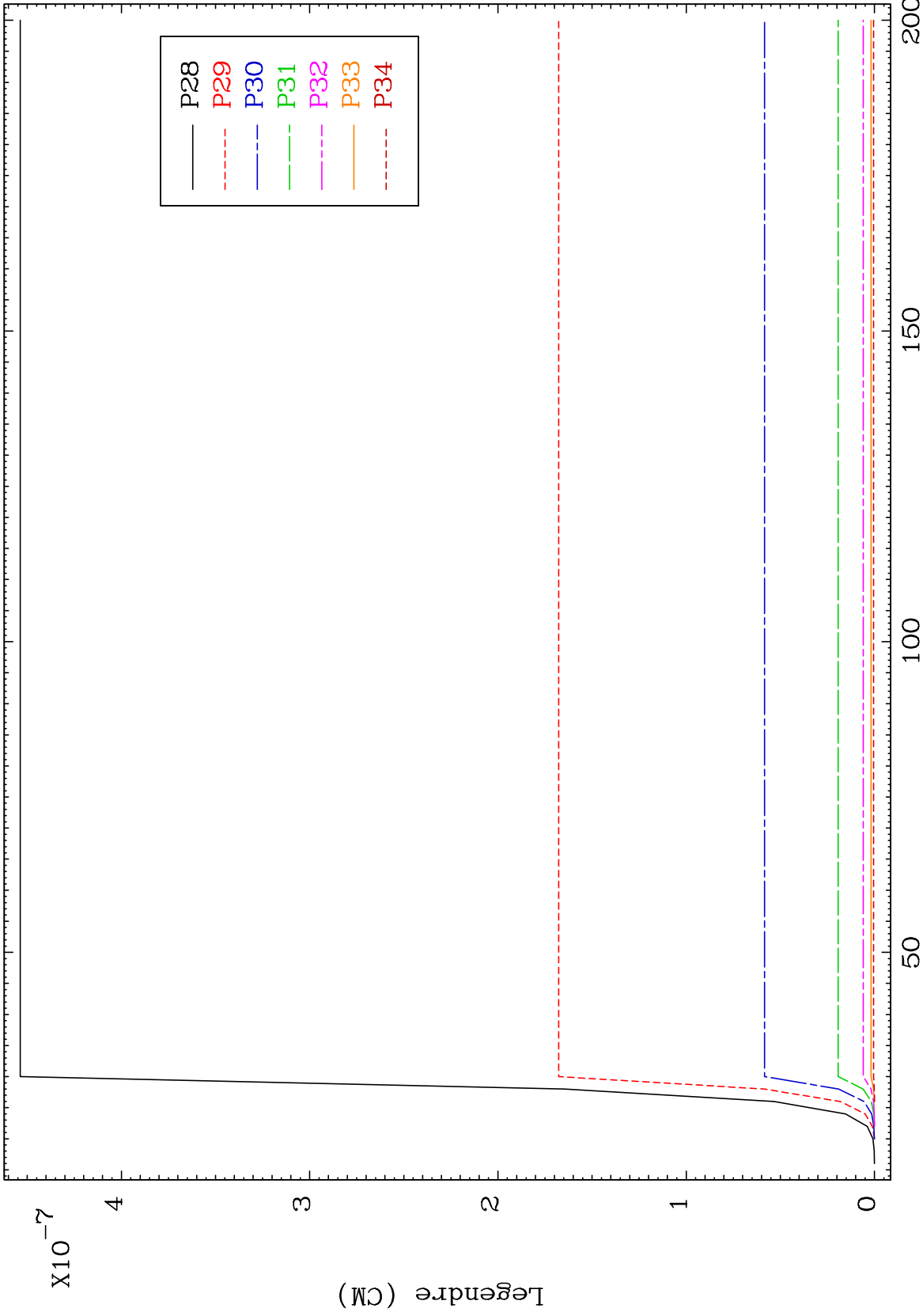
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



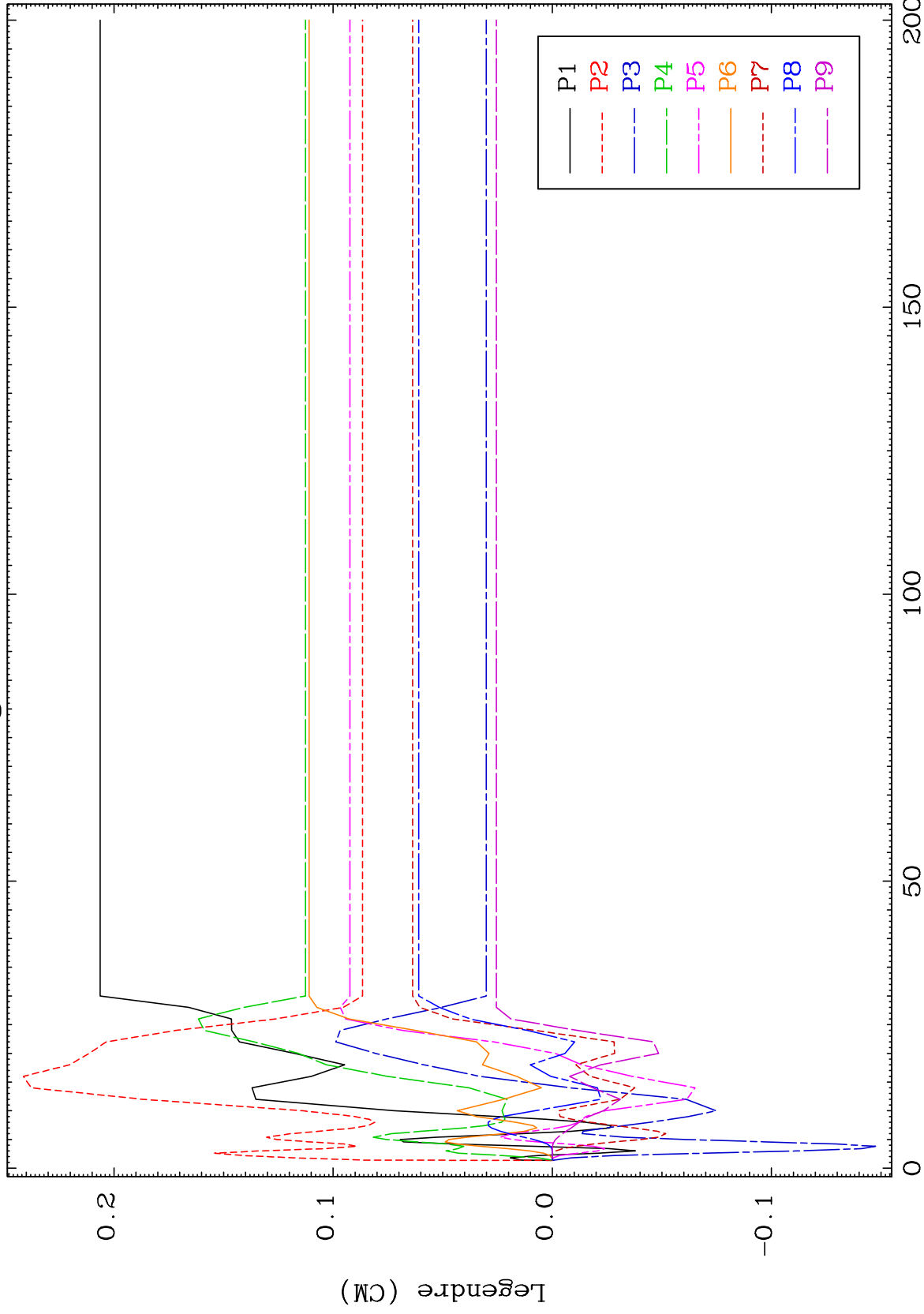
26

46-Pd-104

MAT 4631

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

46-Pd-104



27

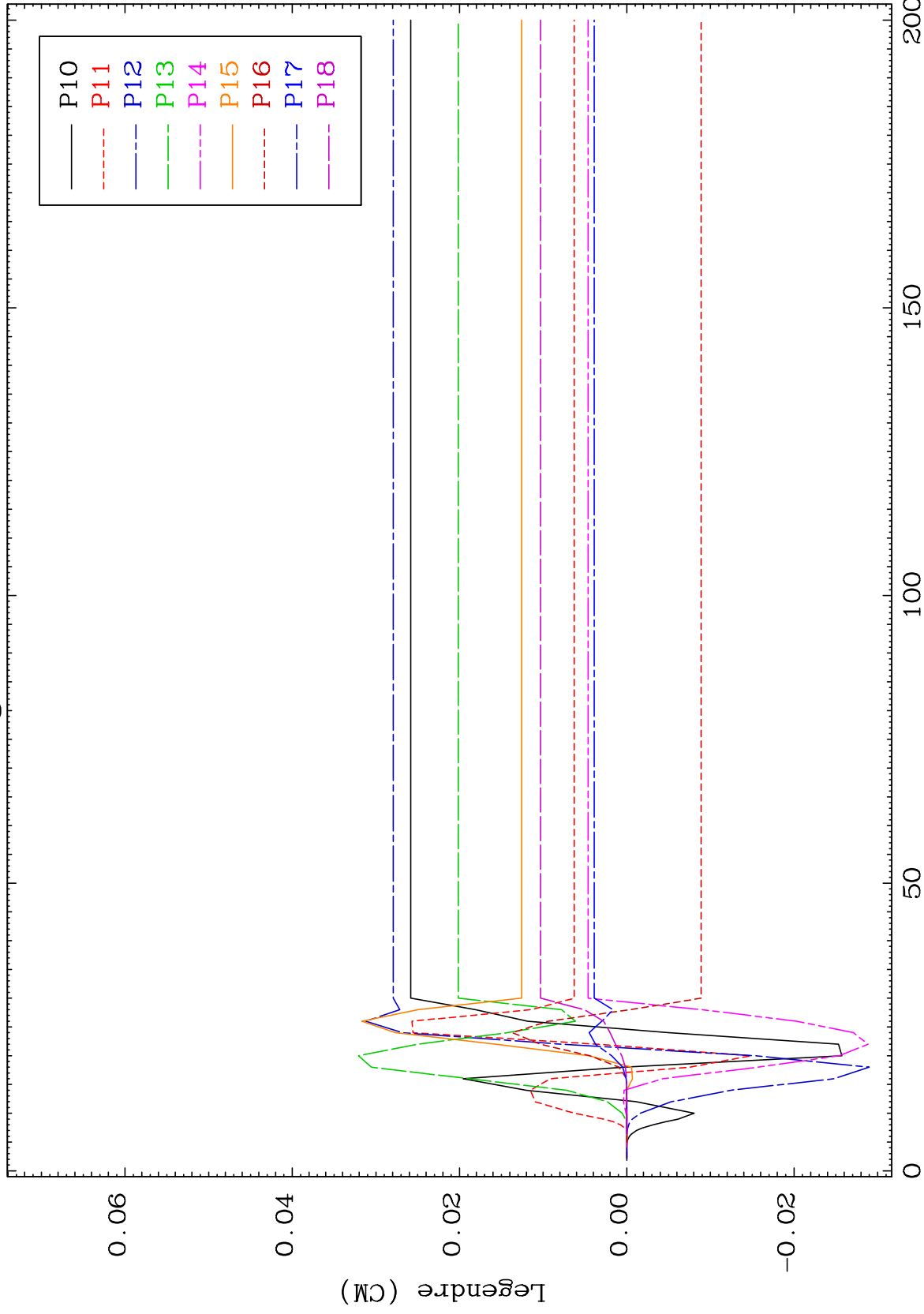
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



28

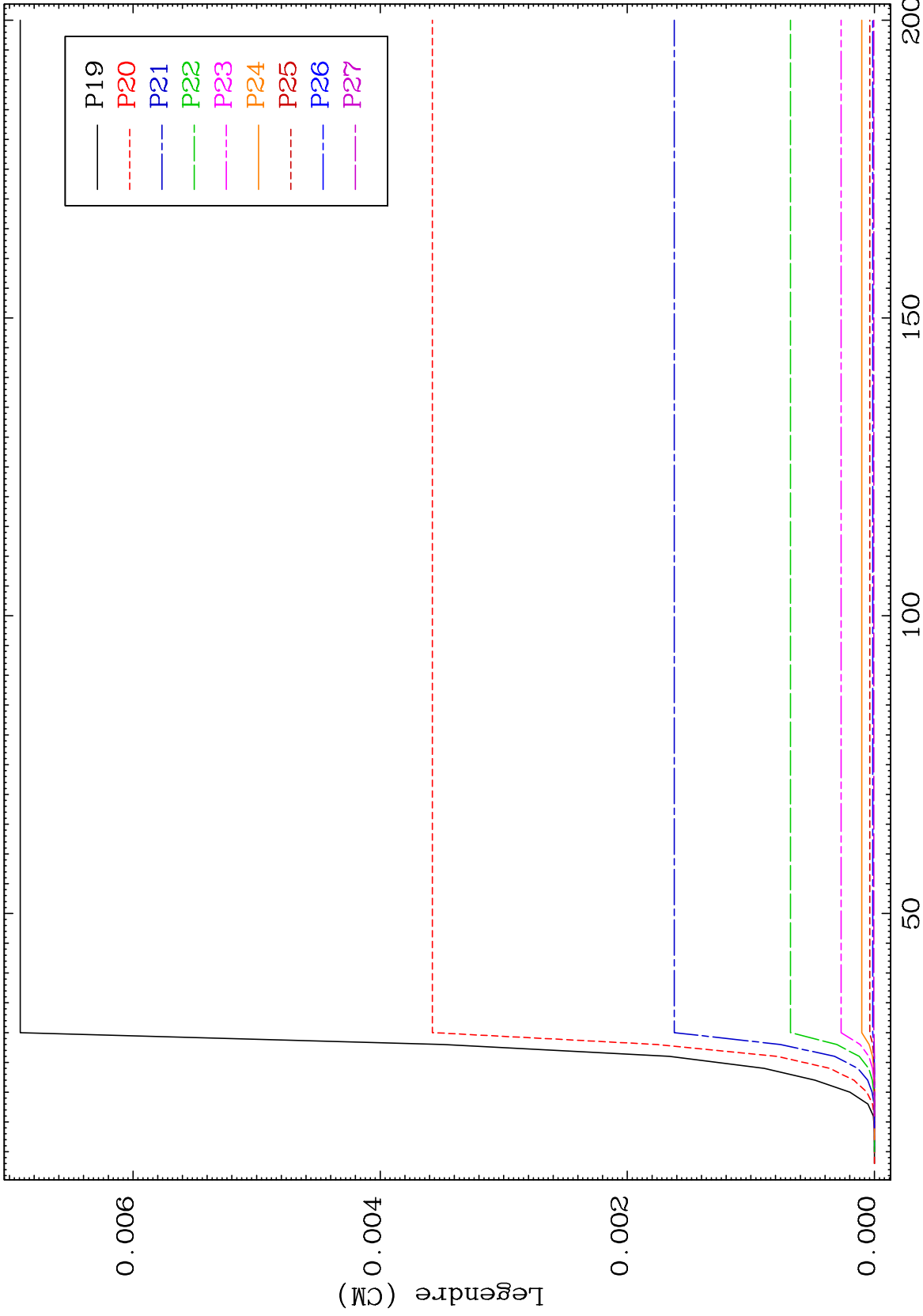
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



29

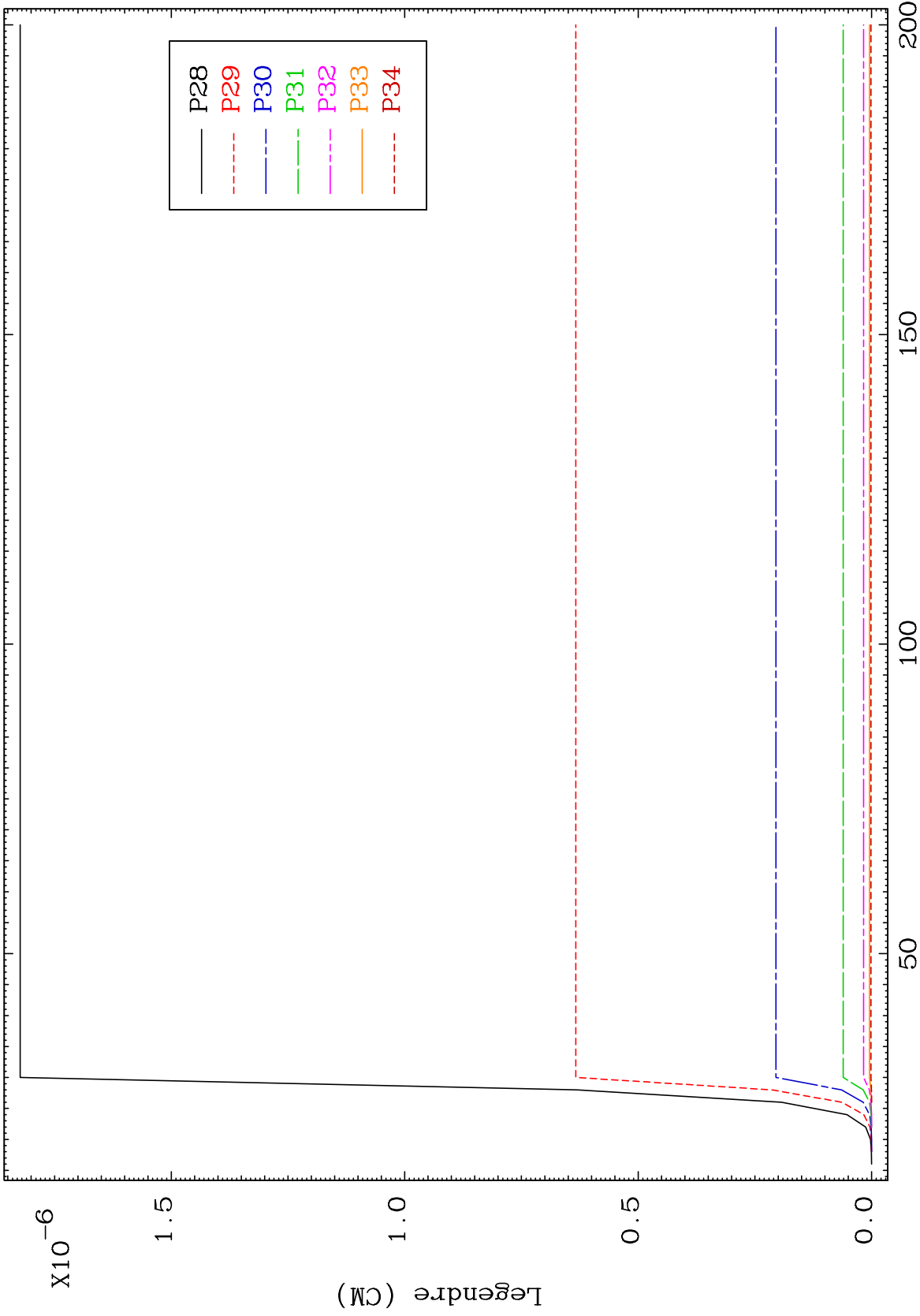
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



30

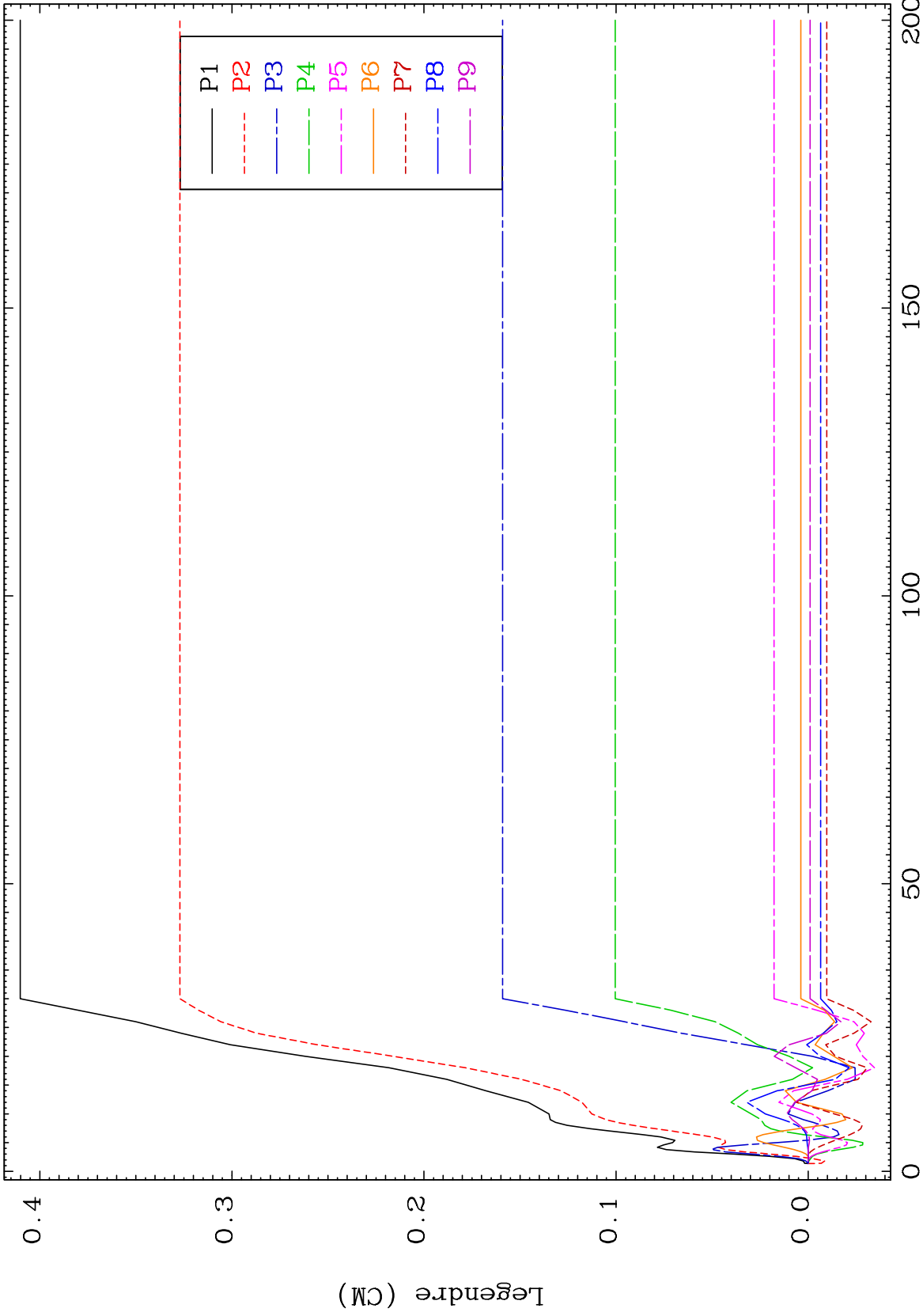
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



31

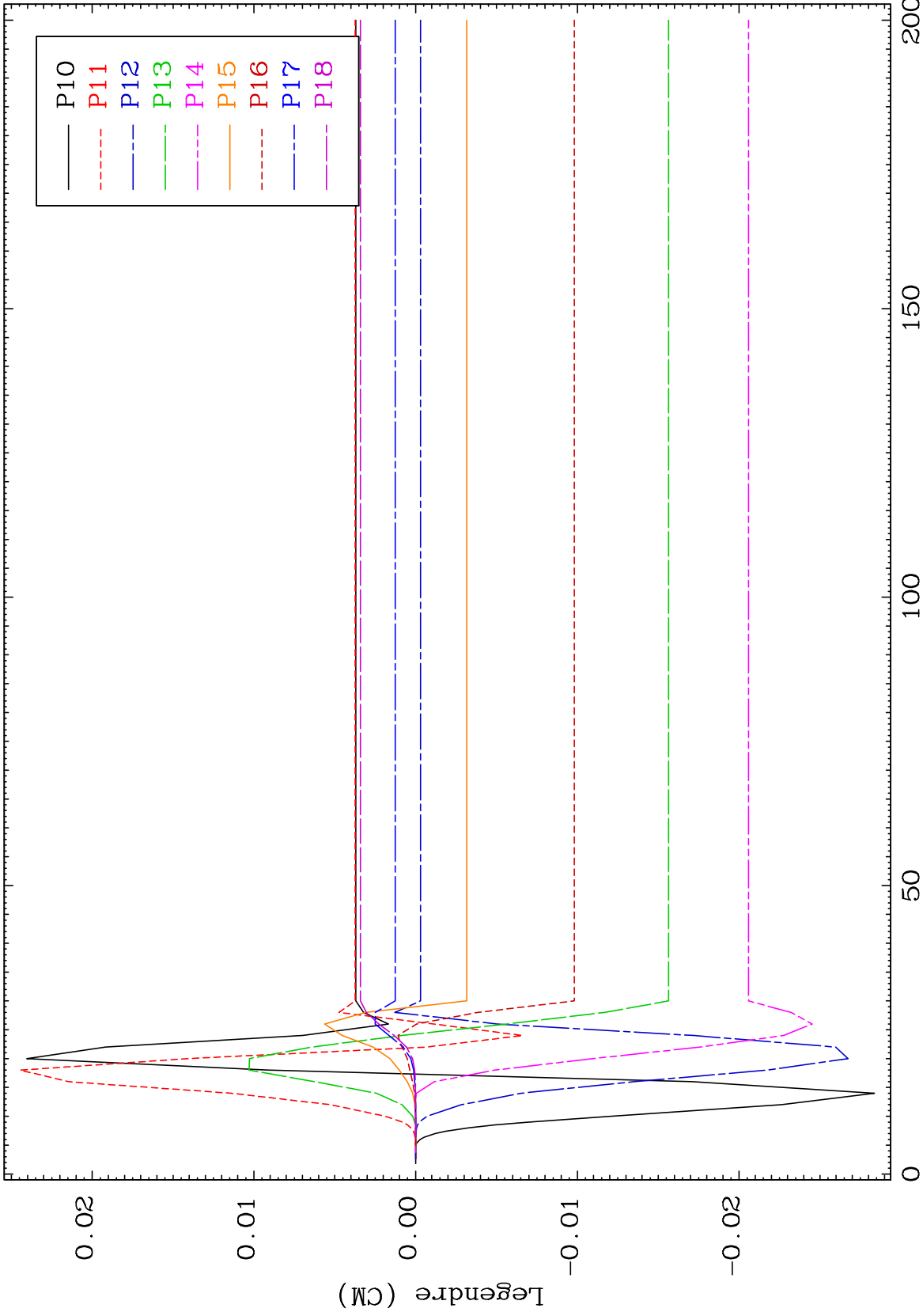
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



32

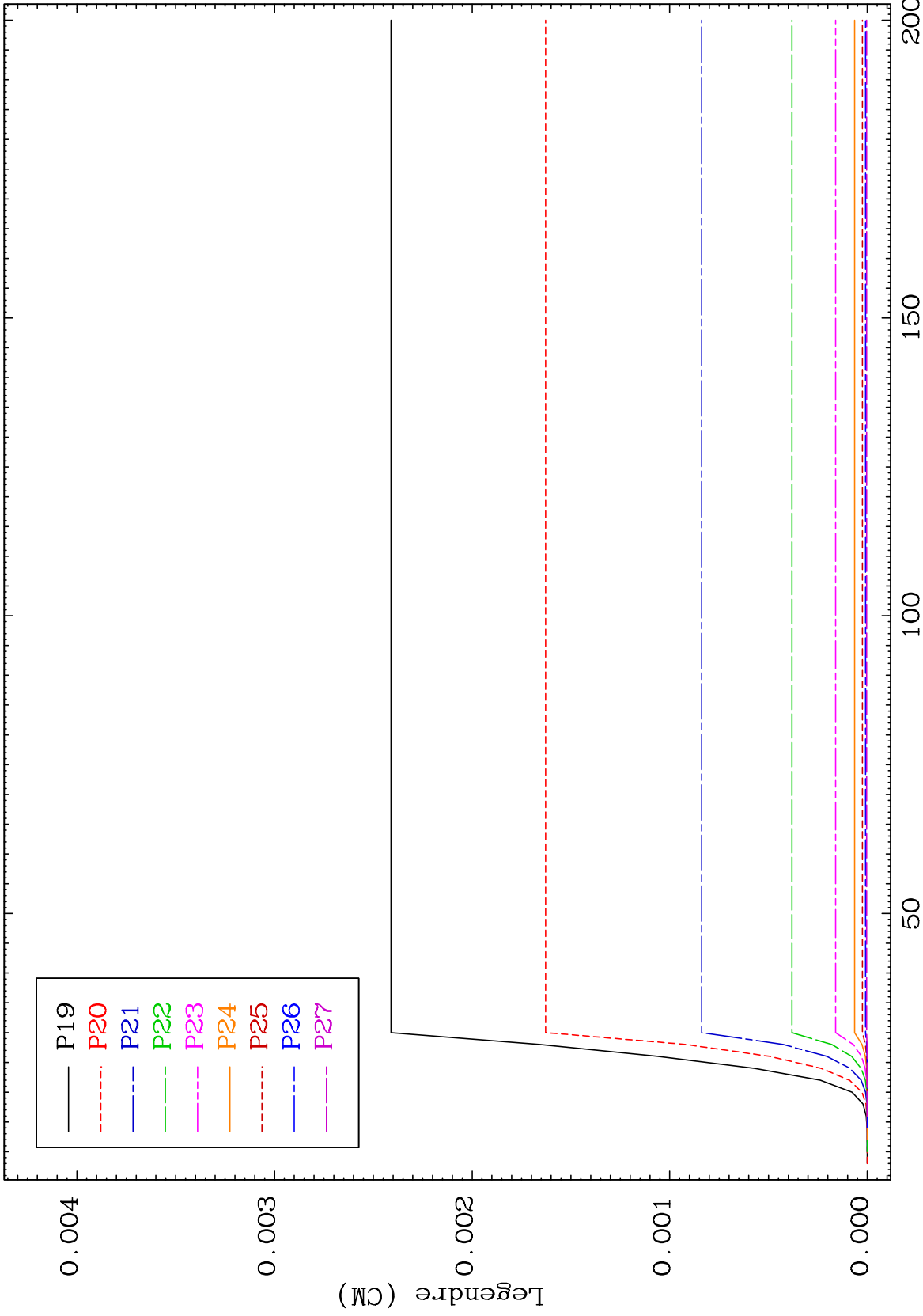
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



33

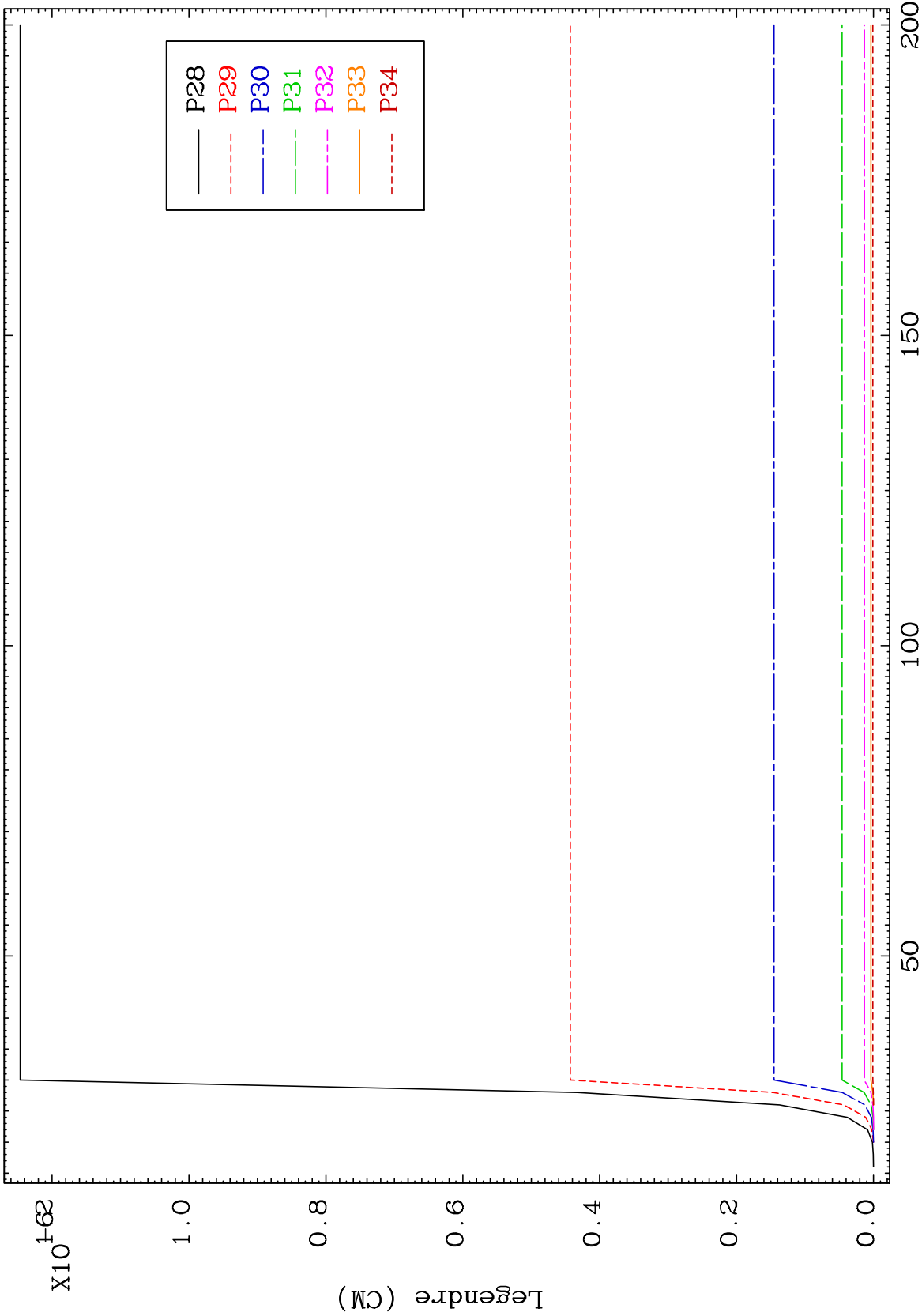
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

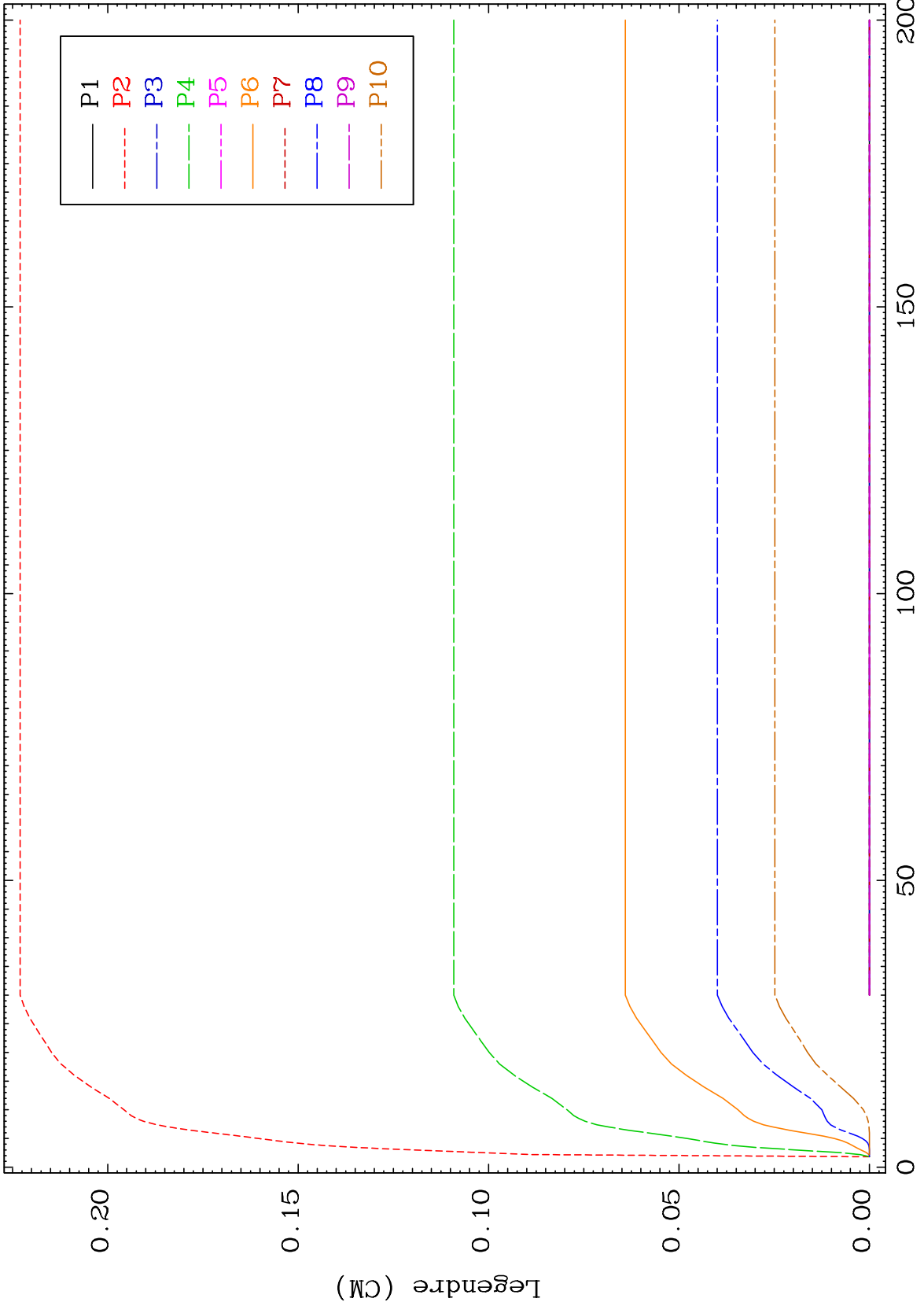
46-Pd-104



34

46-Pd-104

MAT 4631 MT= 55 (n,n') Level Legendre Coefficients 46-Pd-104

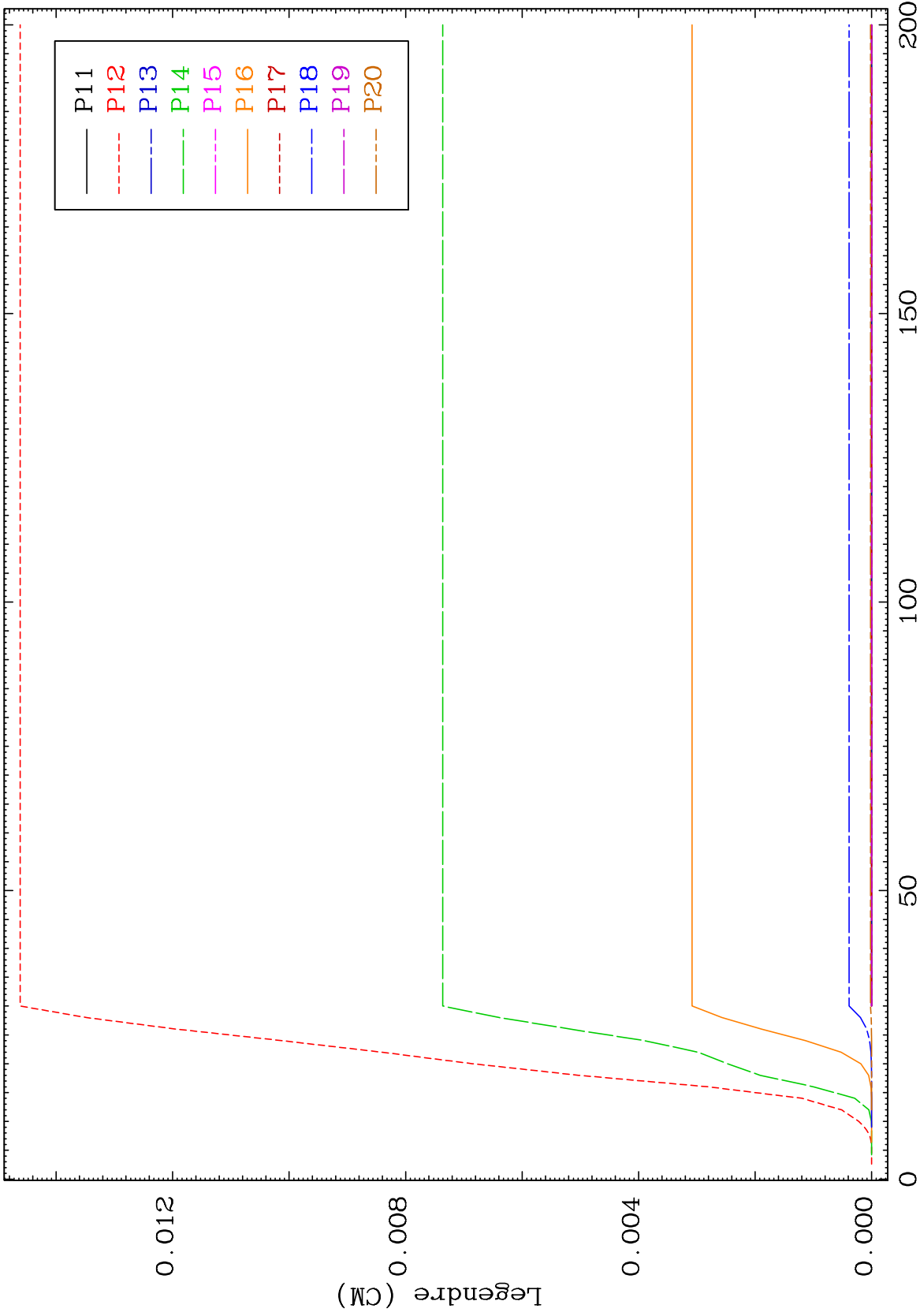


35 46-Pd-104

MAT 4631

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

46-Pd-104

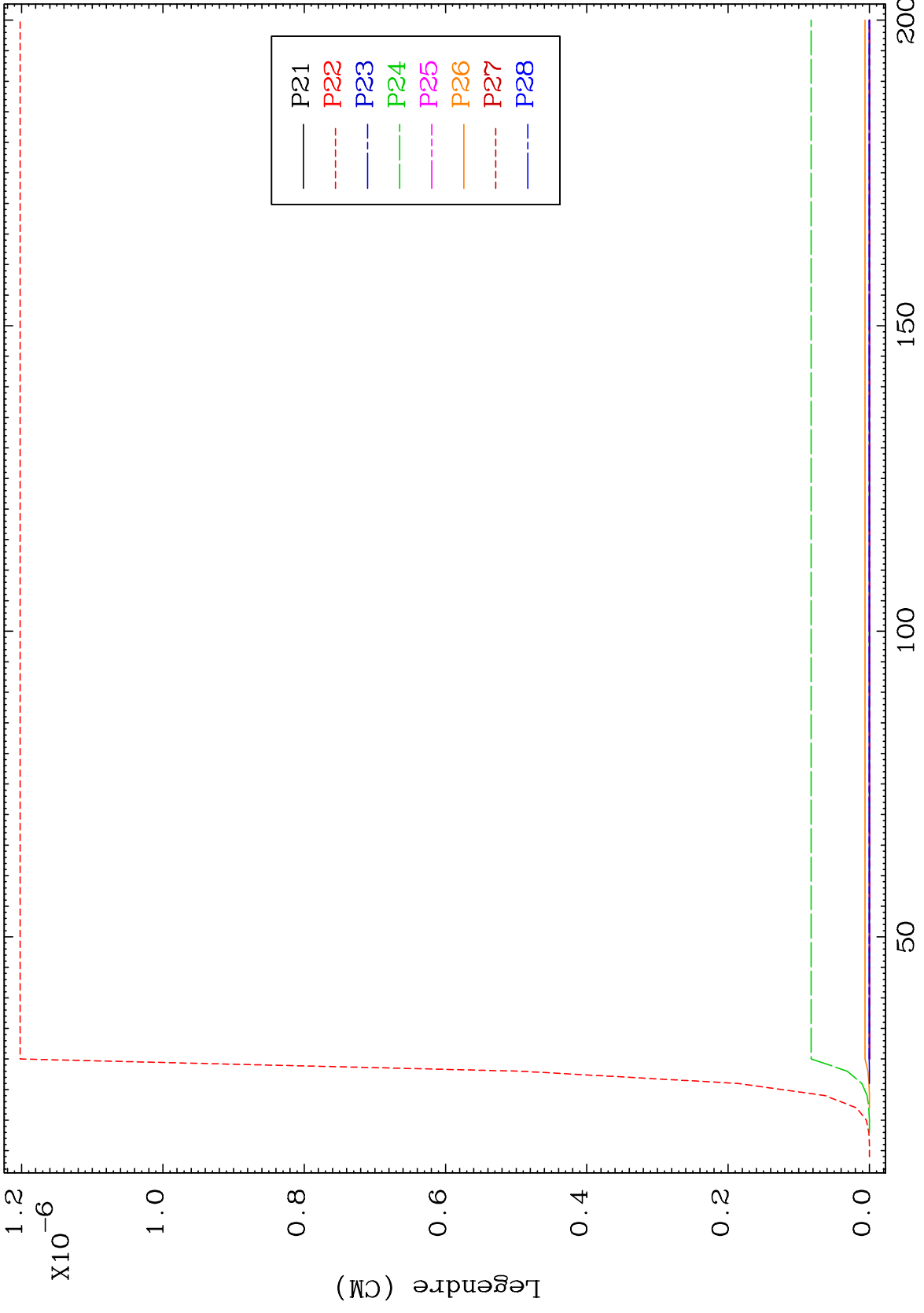


36

Incident Energy (MeV)

46-Pd-104

MAT 4631 MT= 55 (n,n') Level Legendre Coefficients 46-Pd-104

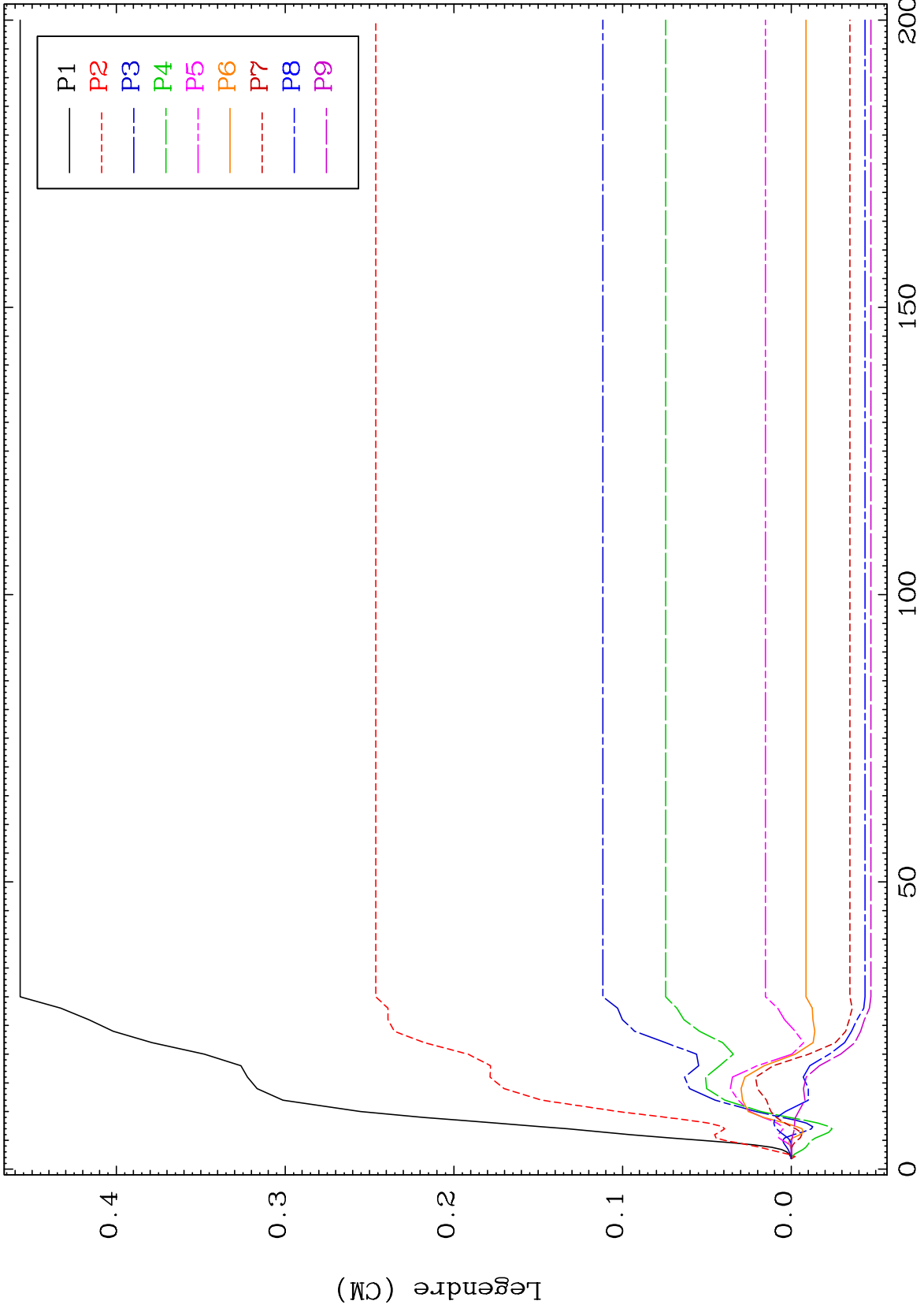


37 Incident Energy (MeV) 46-Pd-104

MAT 4631

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

46-Pd-104



38

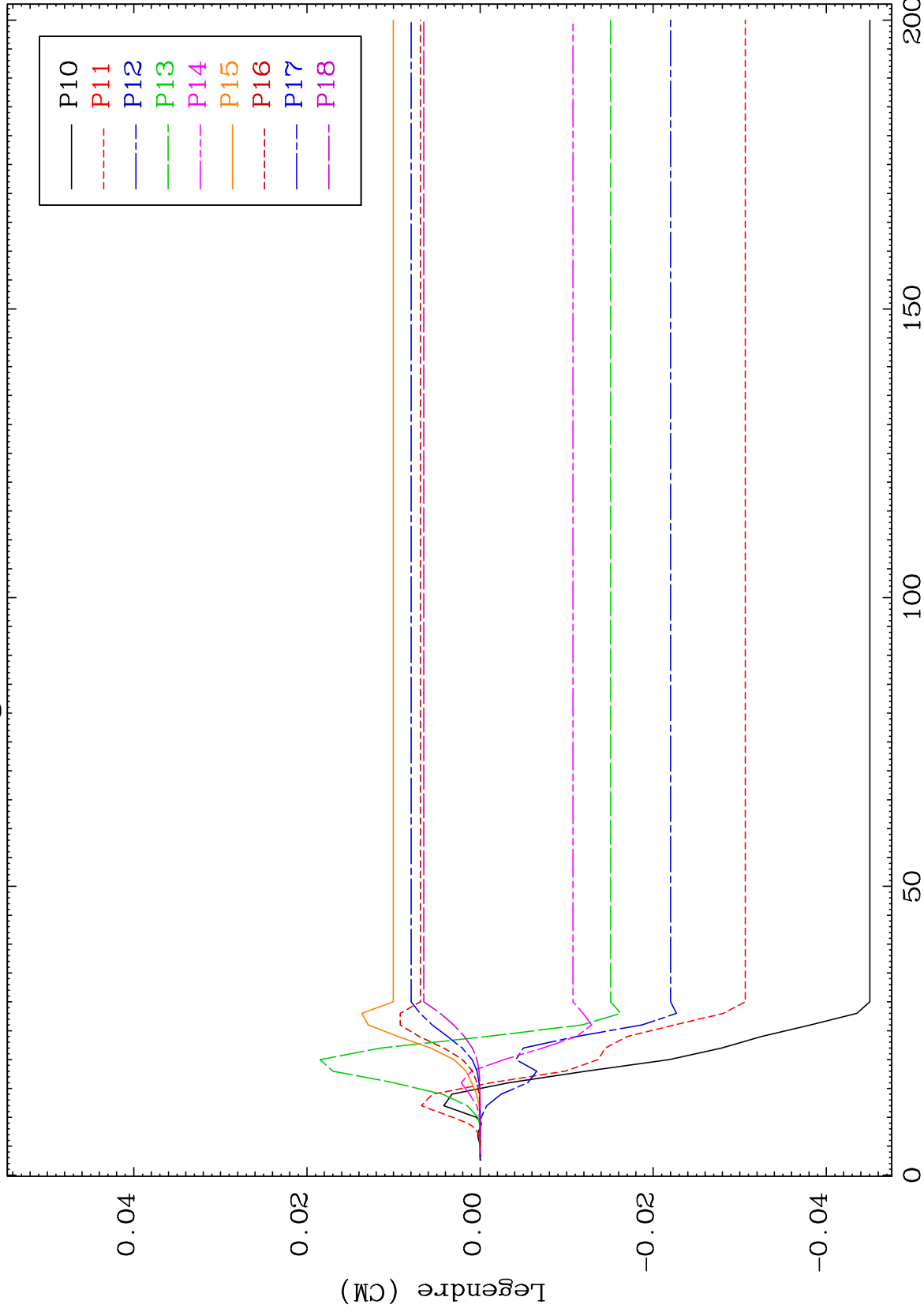
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



39

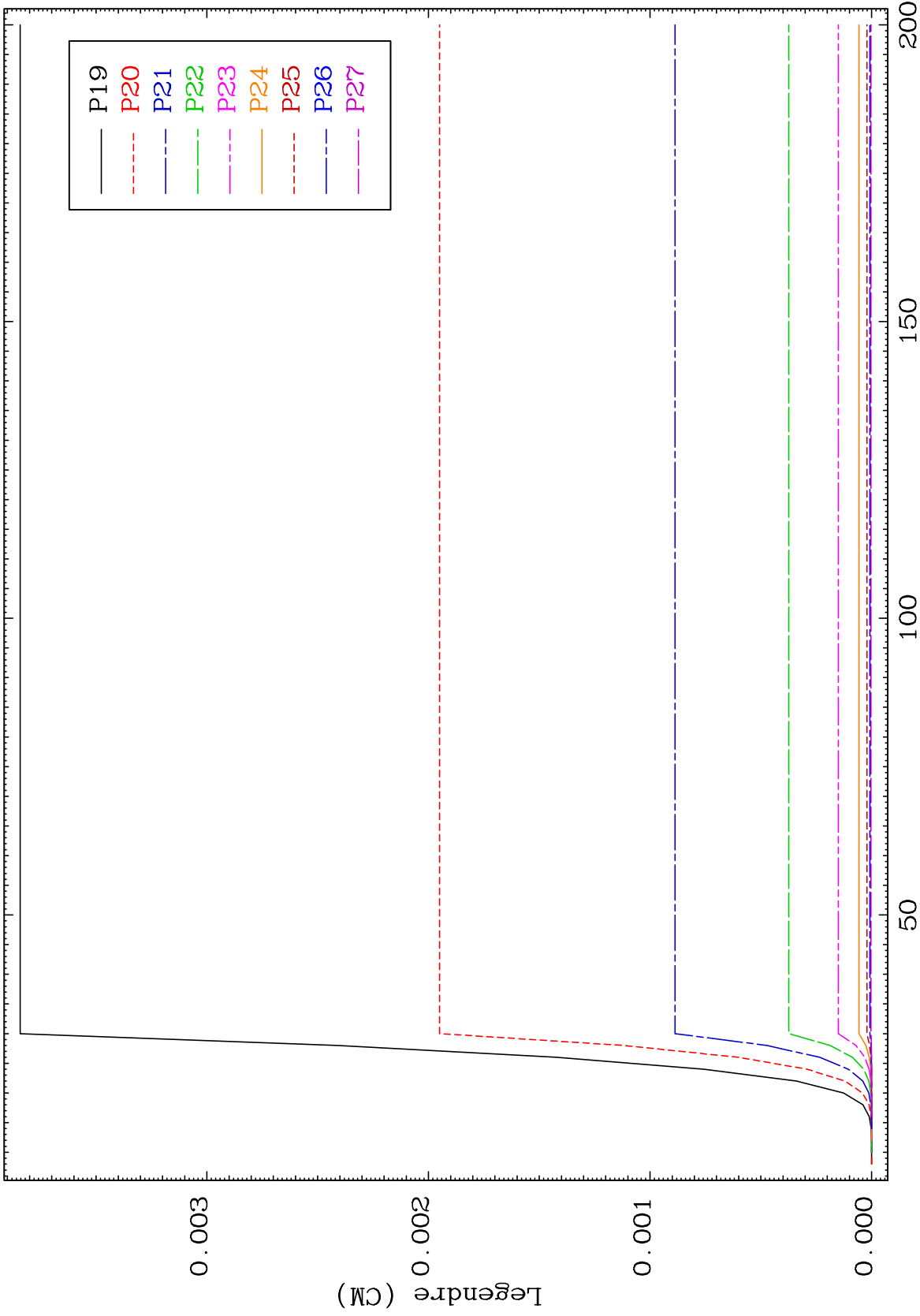
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



40

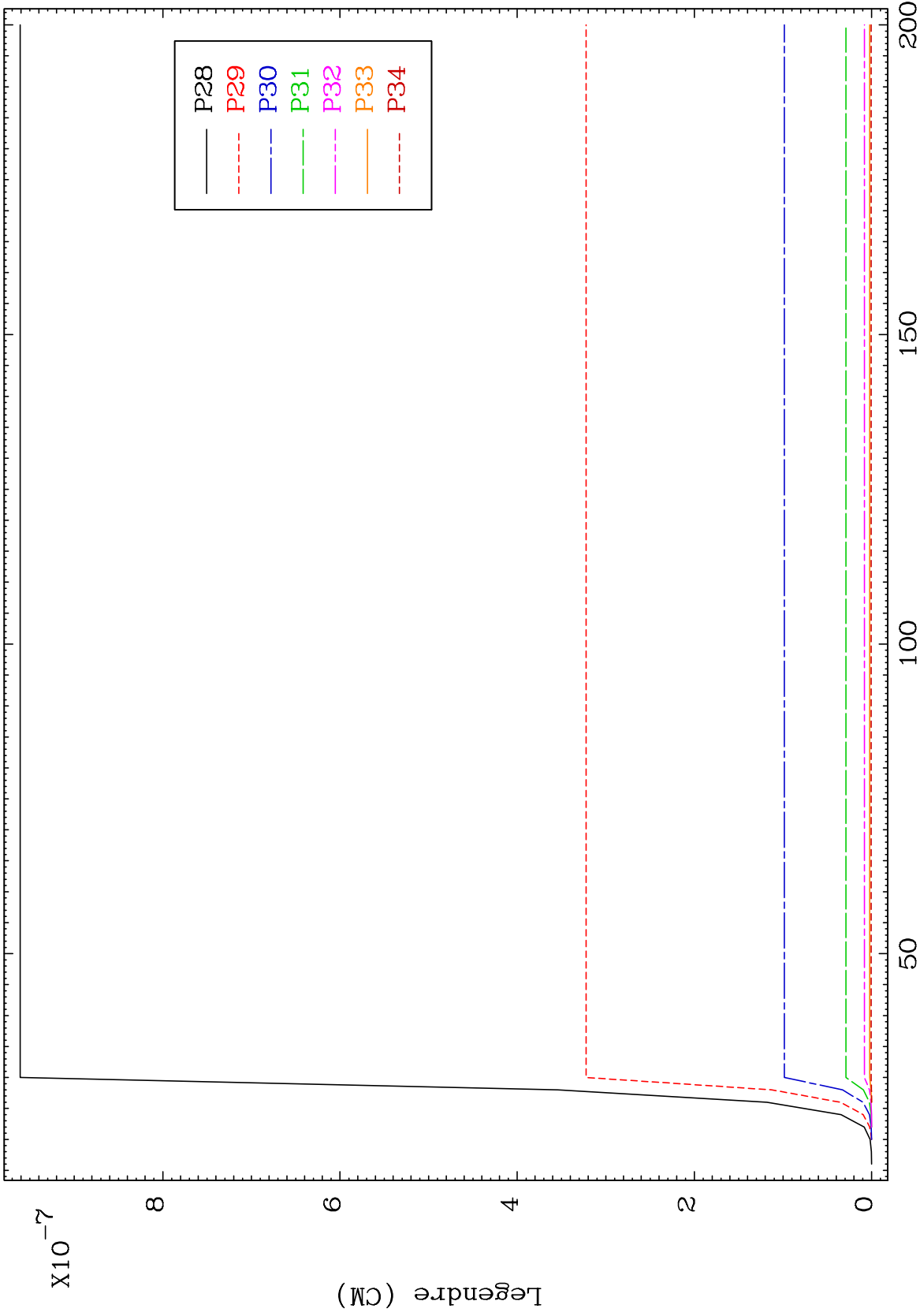
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

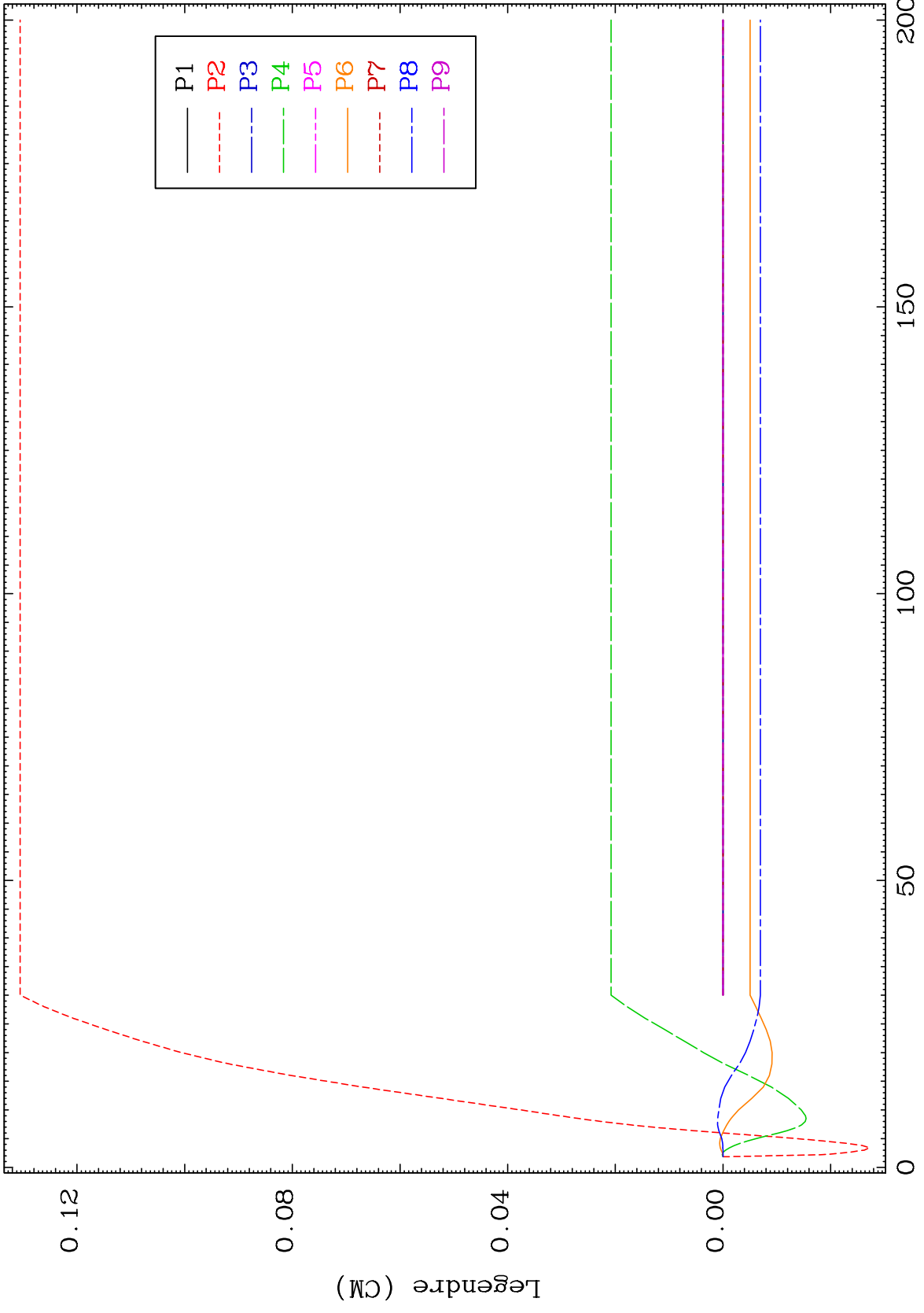
46-Pd-104



41

46-Pd-104

MAT 4631 MT= 57 (n,n') Level Legendre Coefficients 46-Pd-104

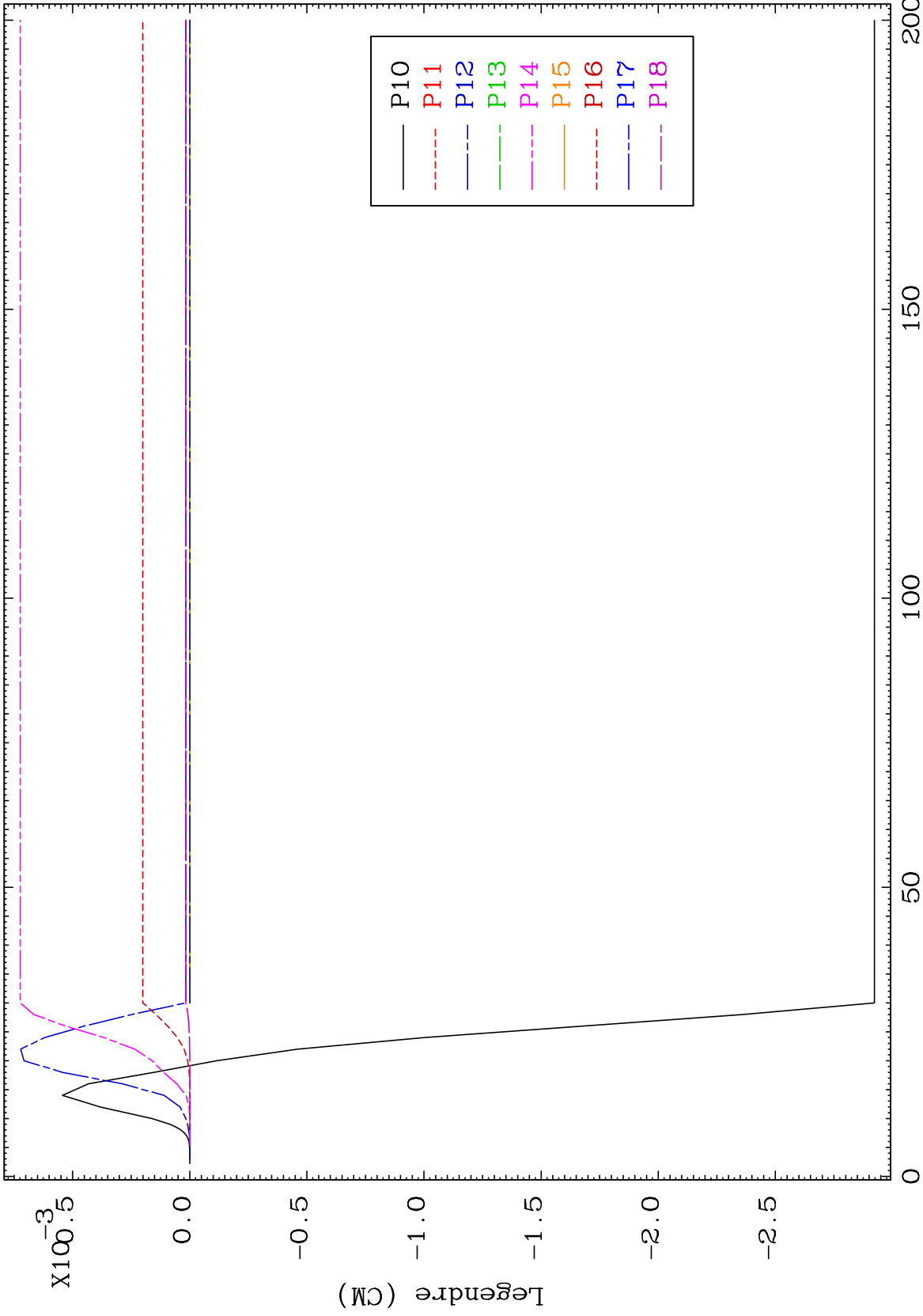


42 46-Pd-104

MAT 4631

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

46-Pd-104



43

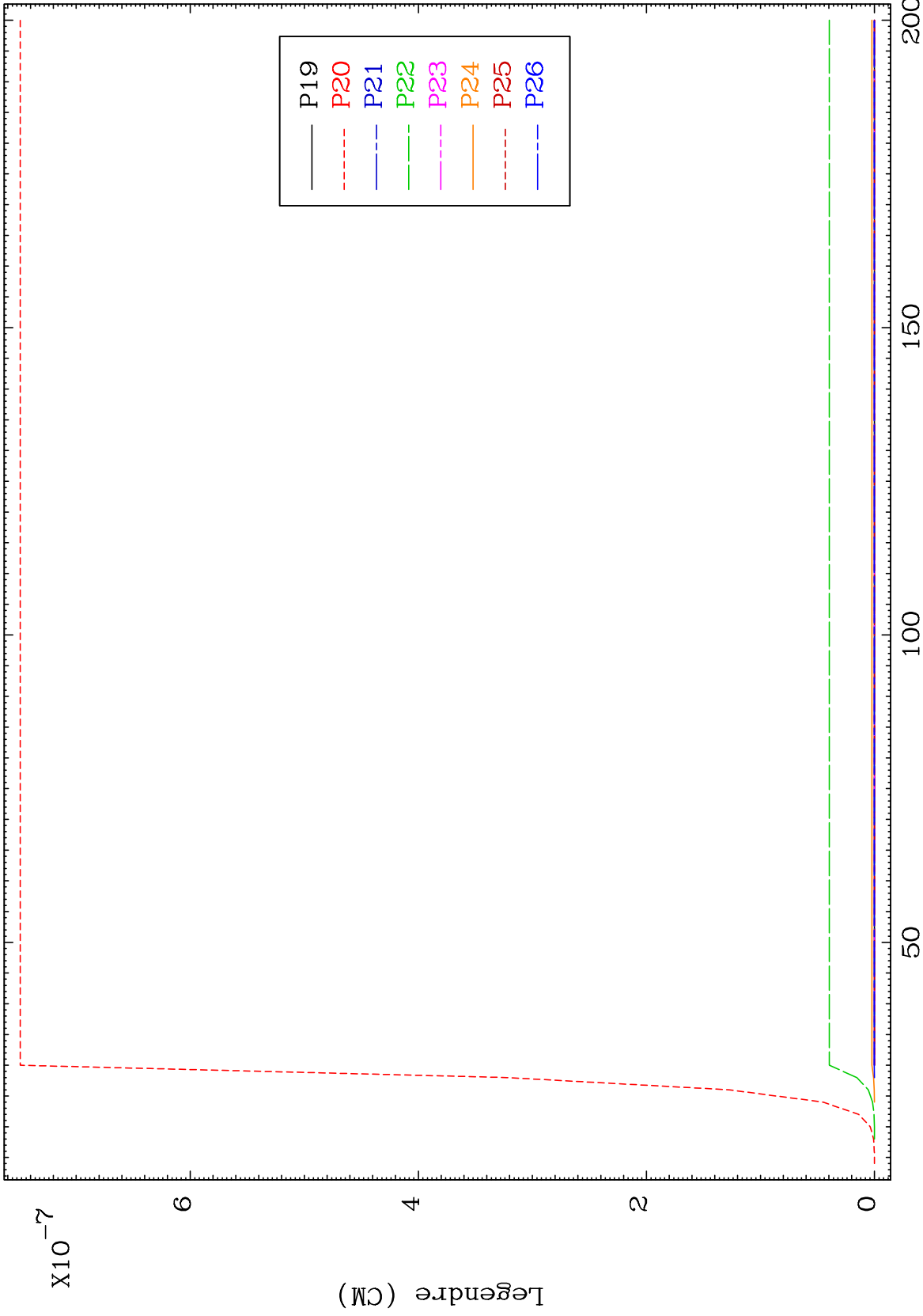
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



44

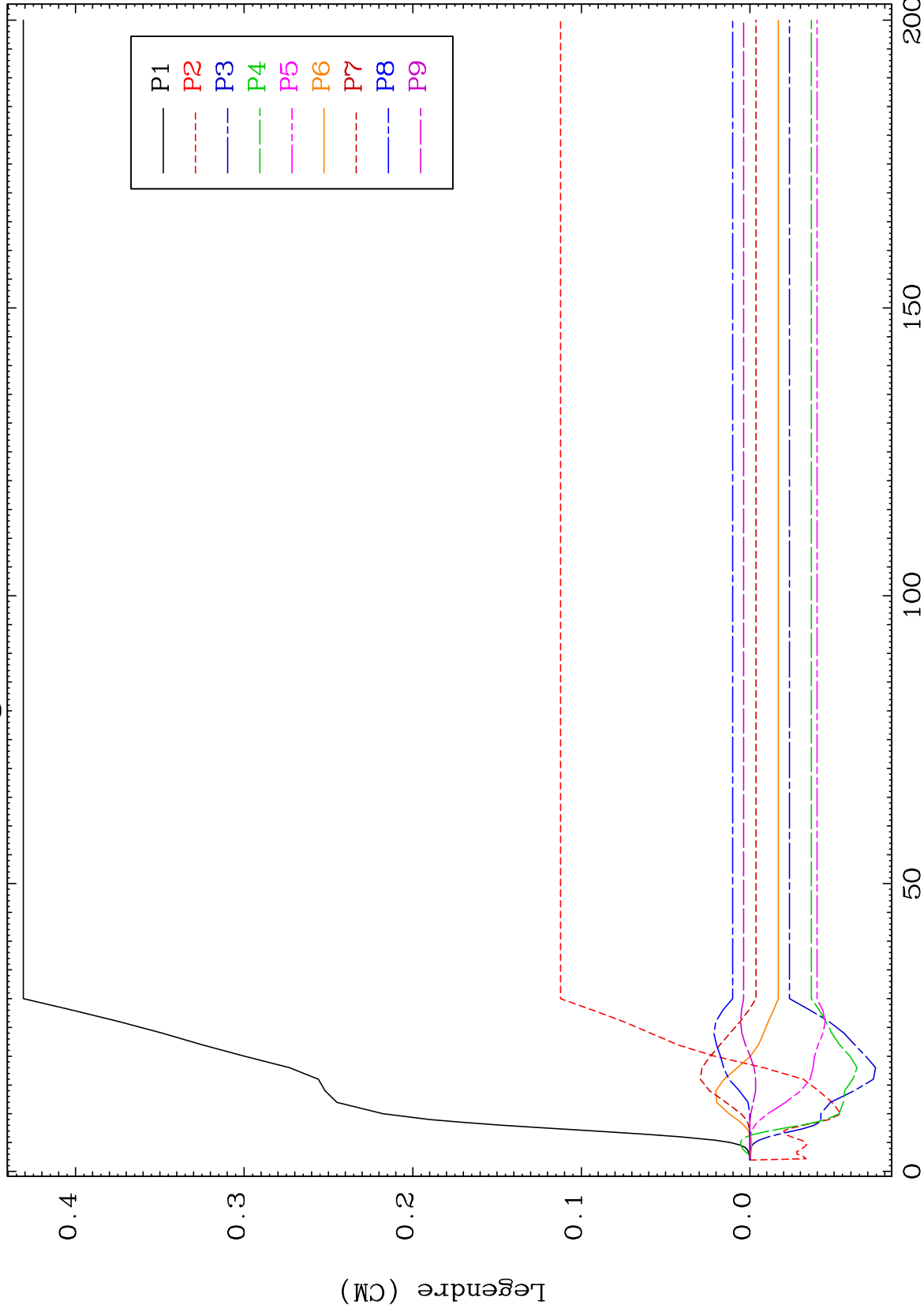
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



45

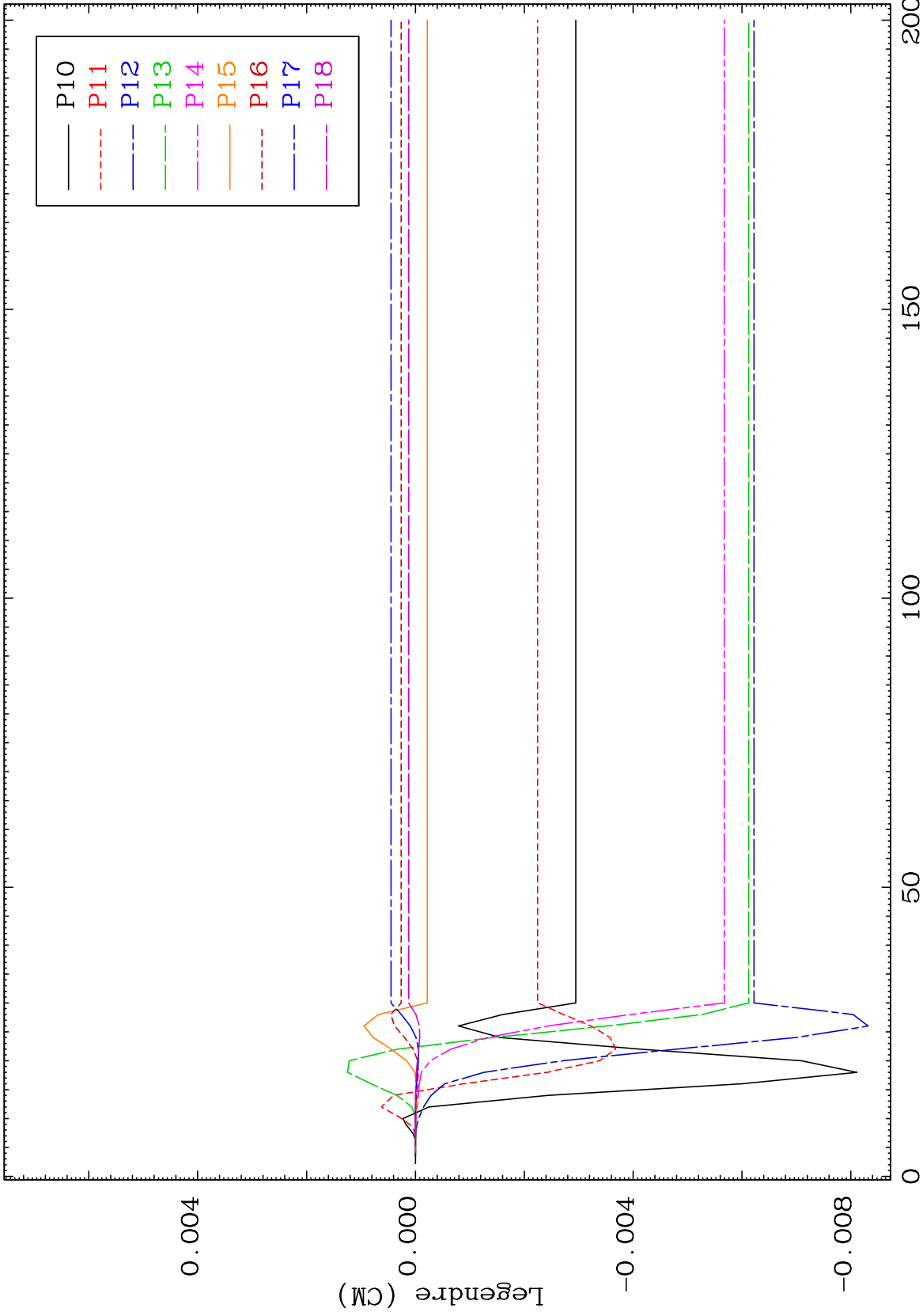
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



46

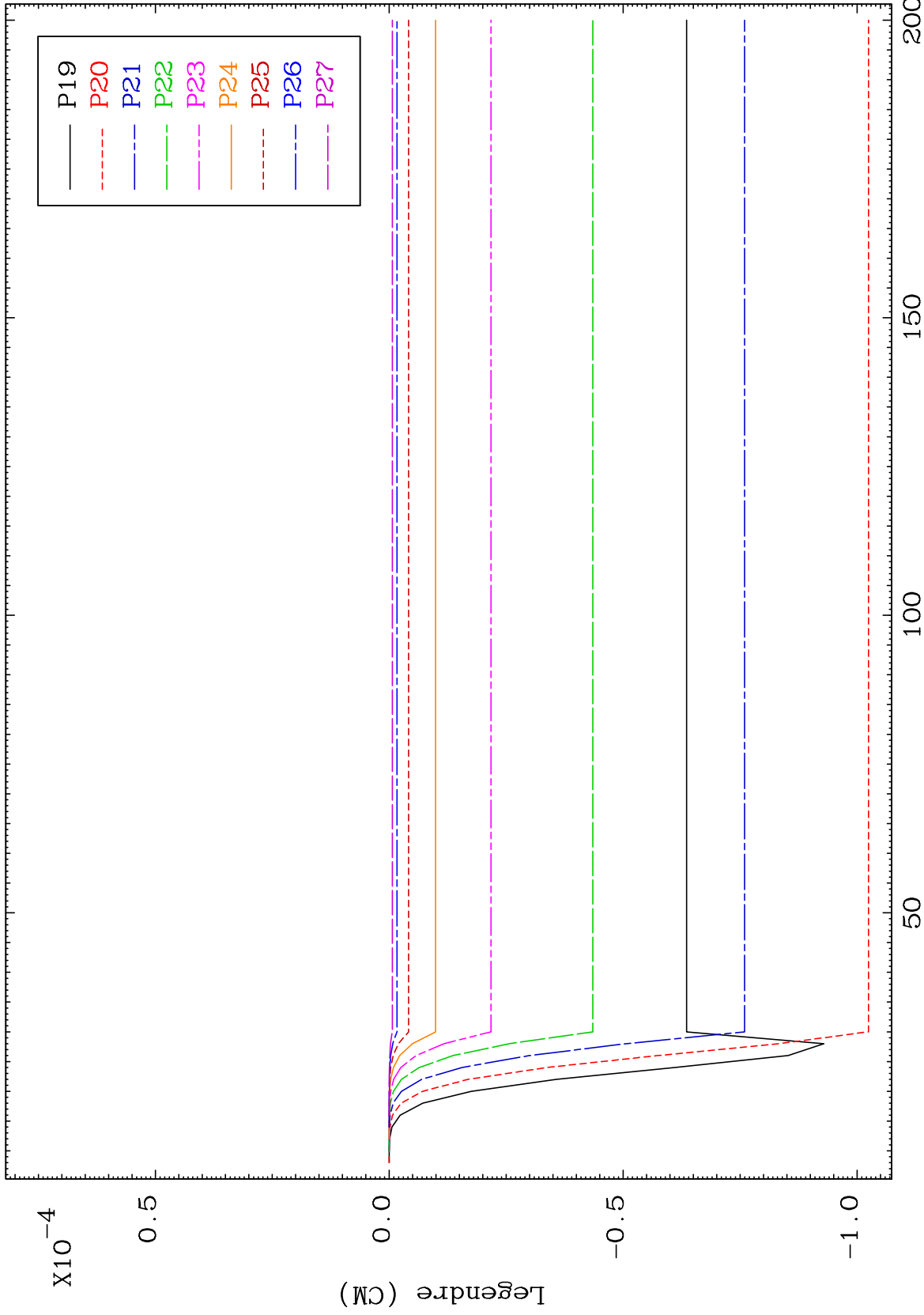
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



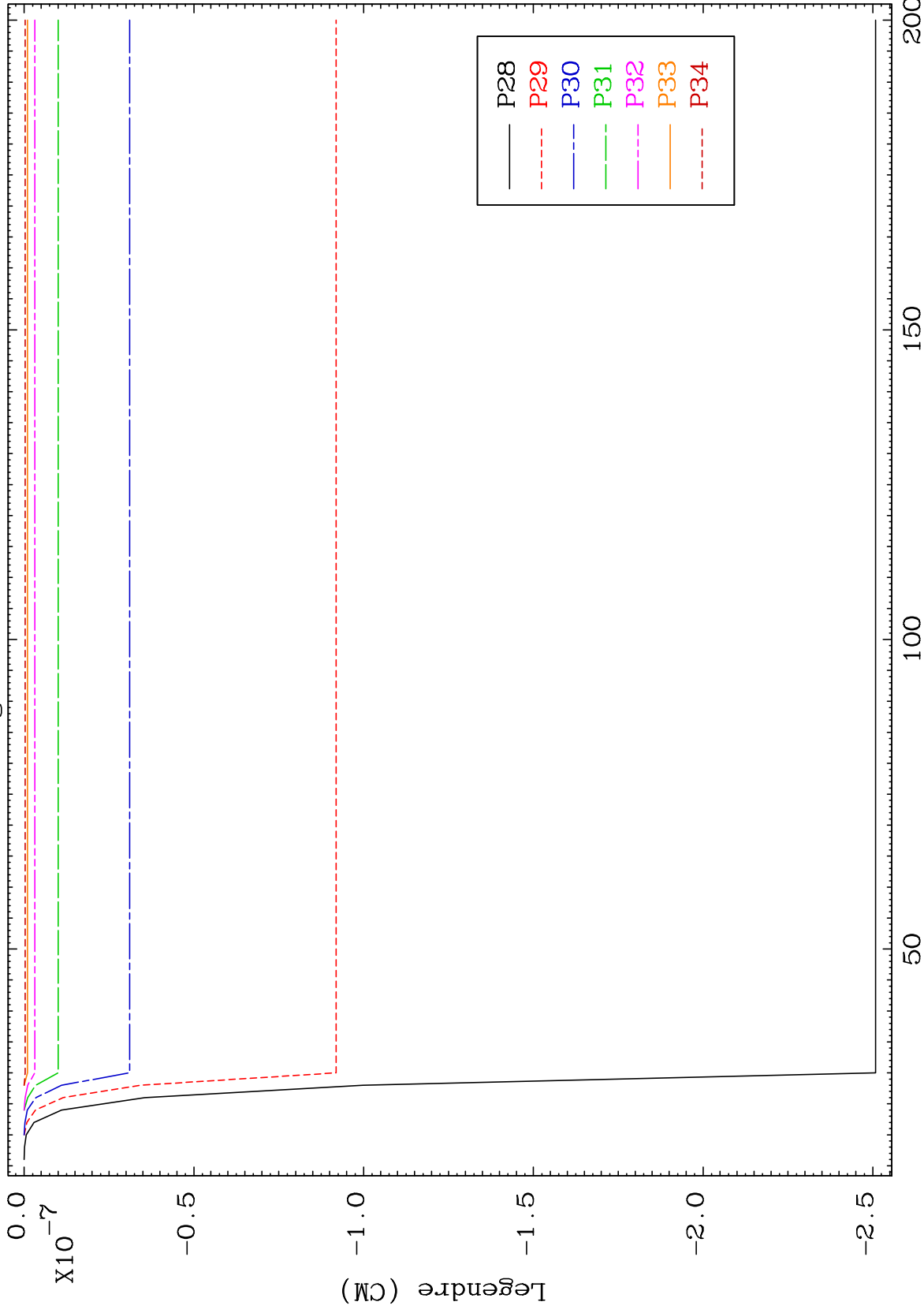
47

46-Pd-104

MAT 4631

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

46-Pd-104



48

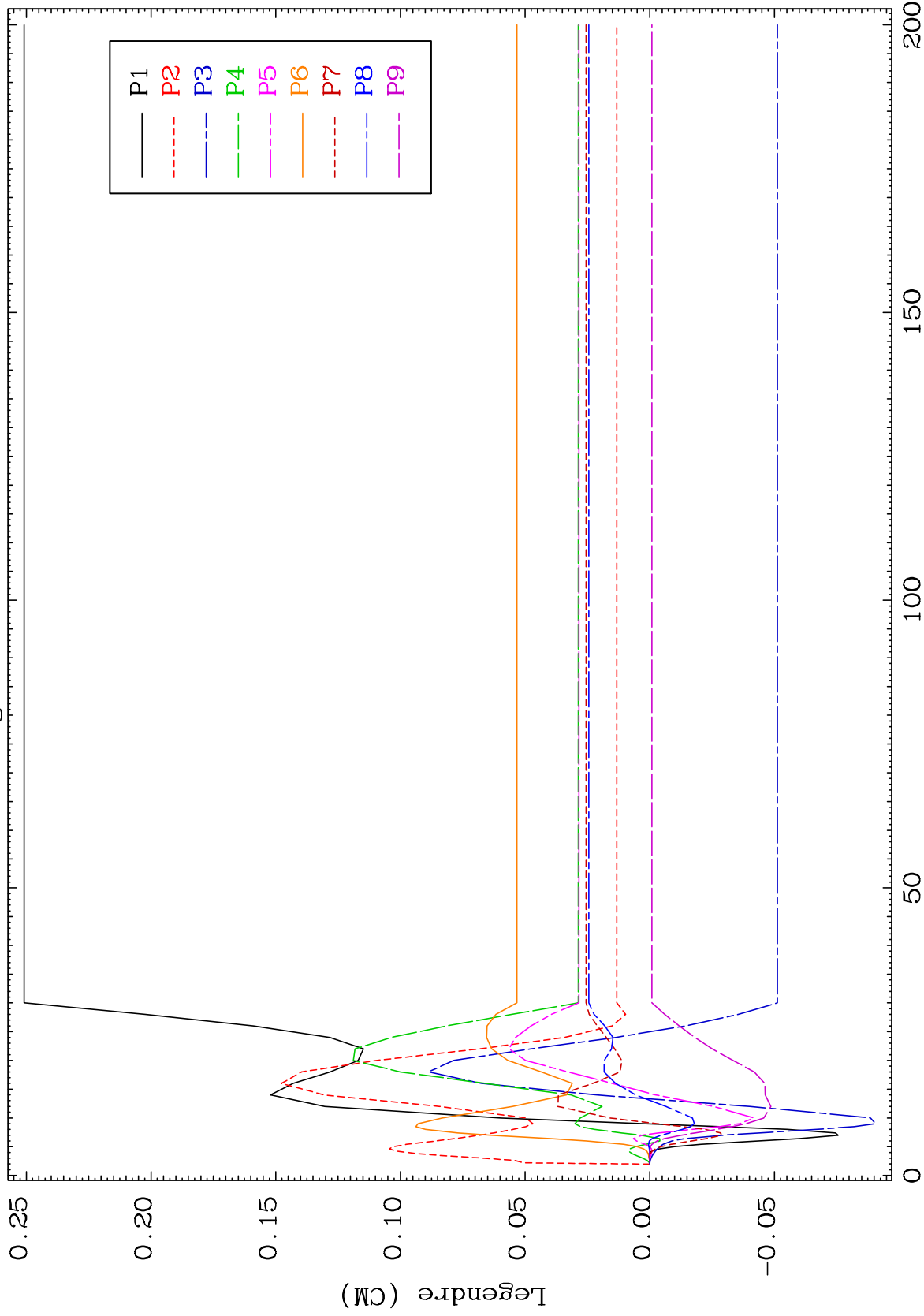
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



49

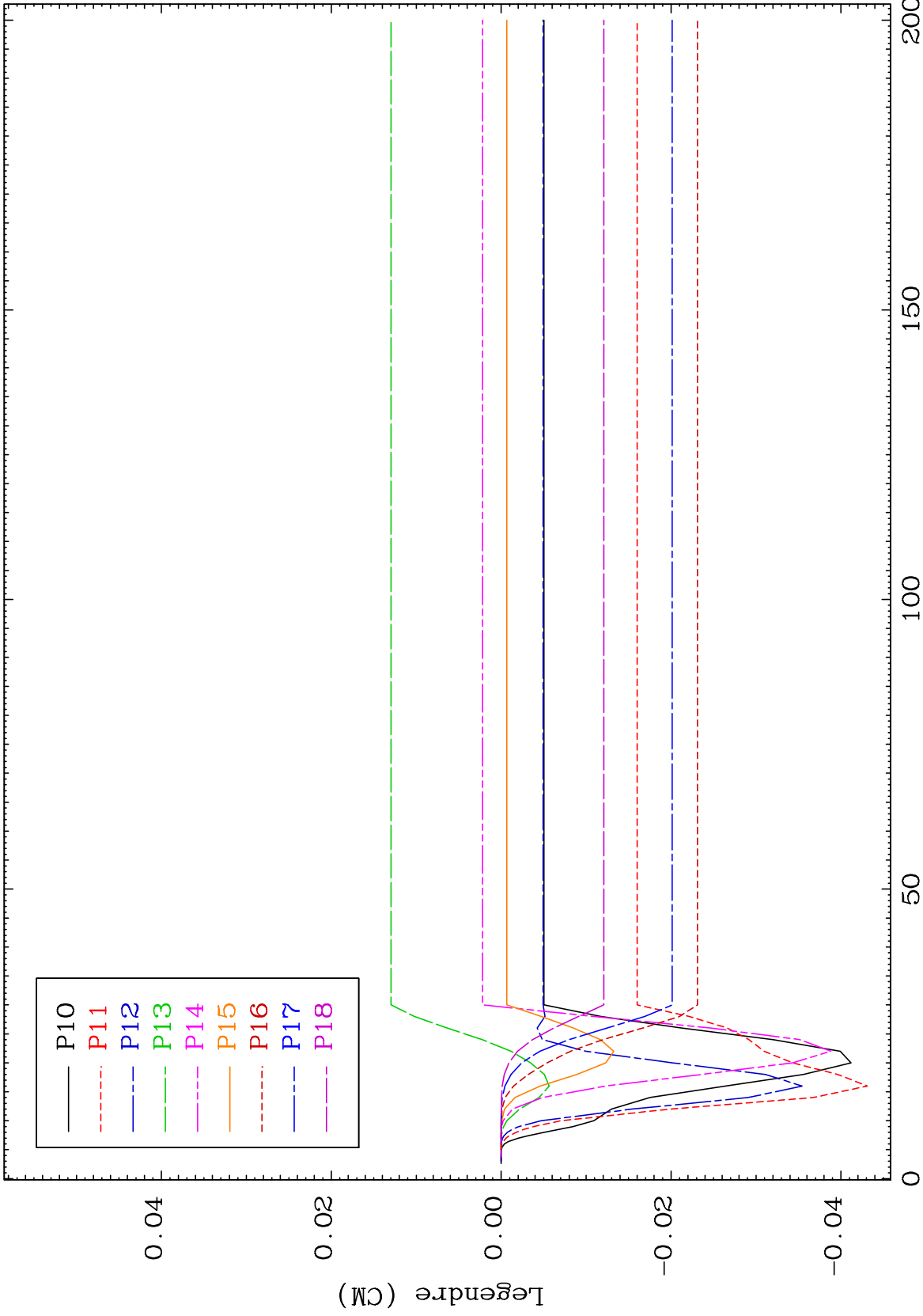
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



50

50

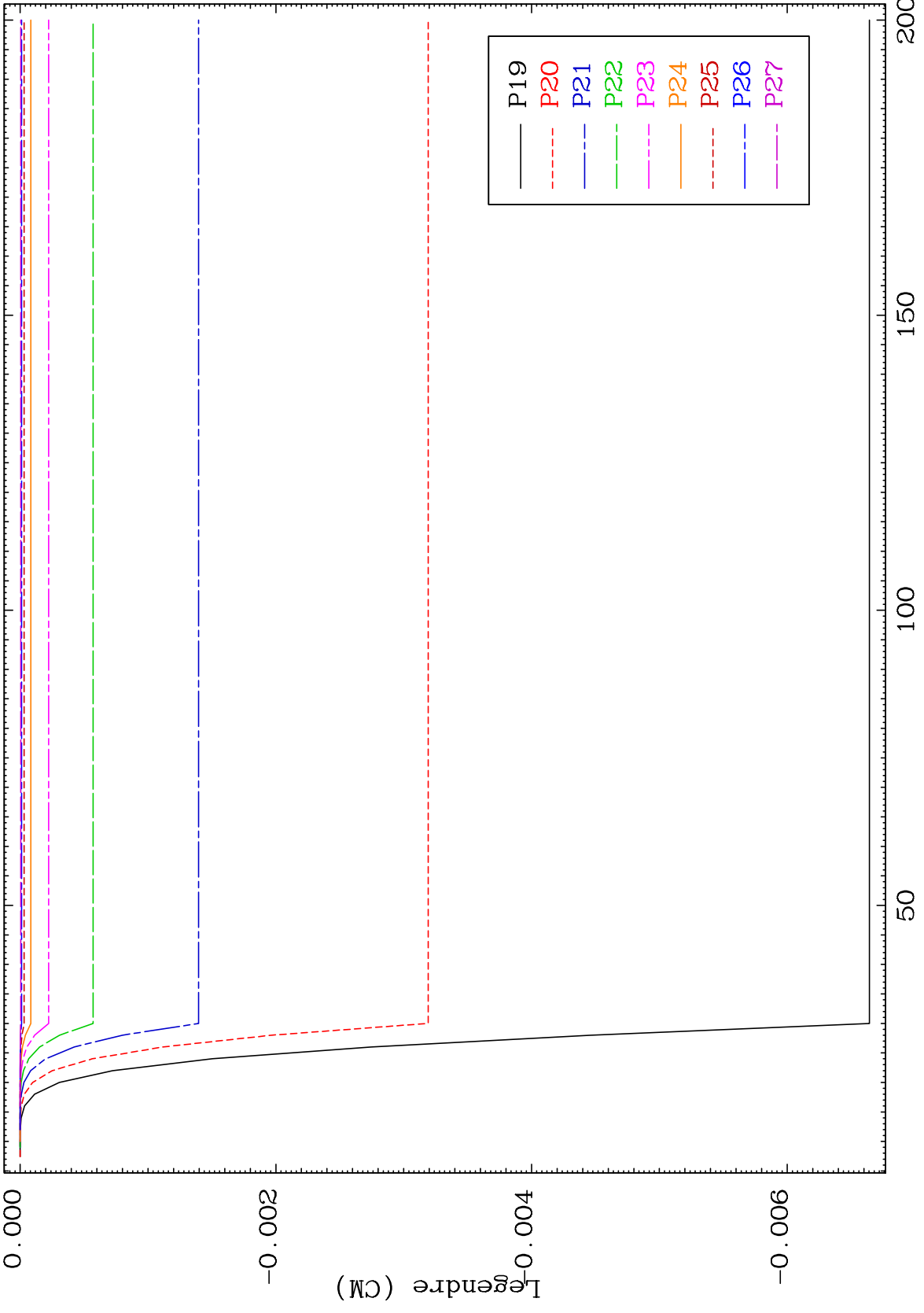
100

150

200

46-Pd-104

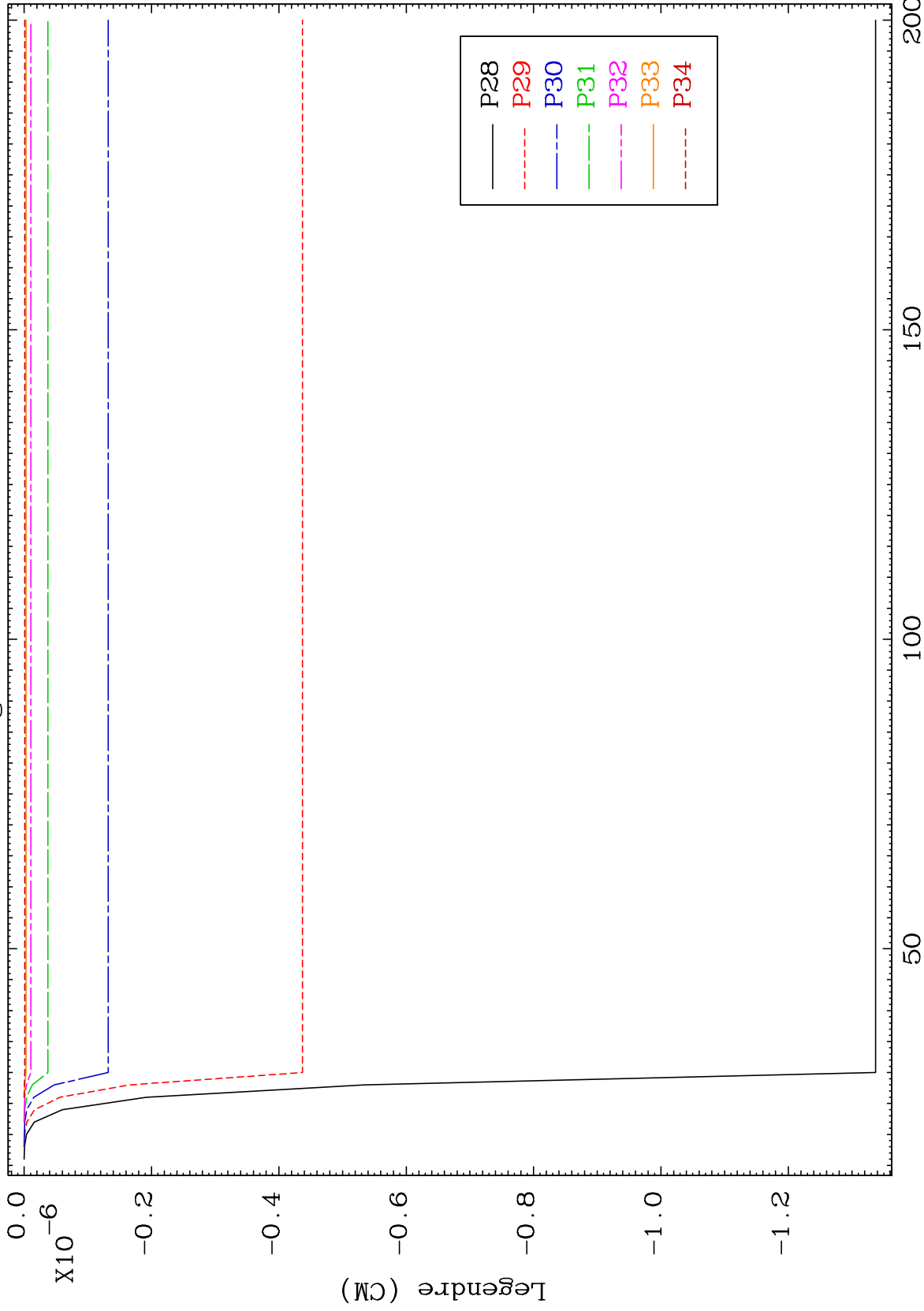
MAT 4631 MT= 59 (n,n') Level Legendre Coefficients 46-Pd-104



MAT 4631

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

46-Pd-104



46-Pd-104

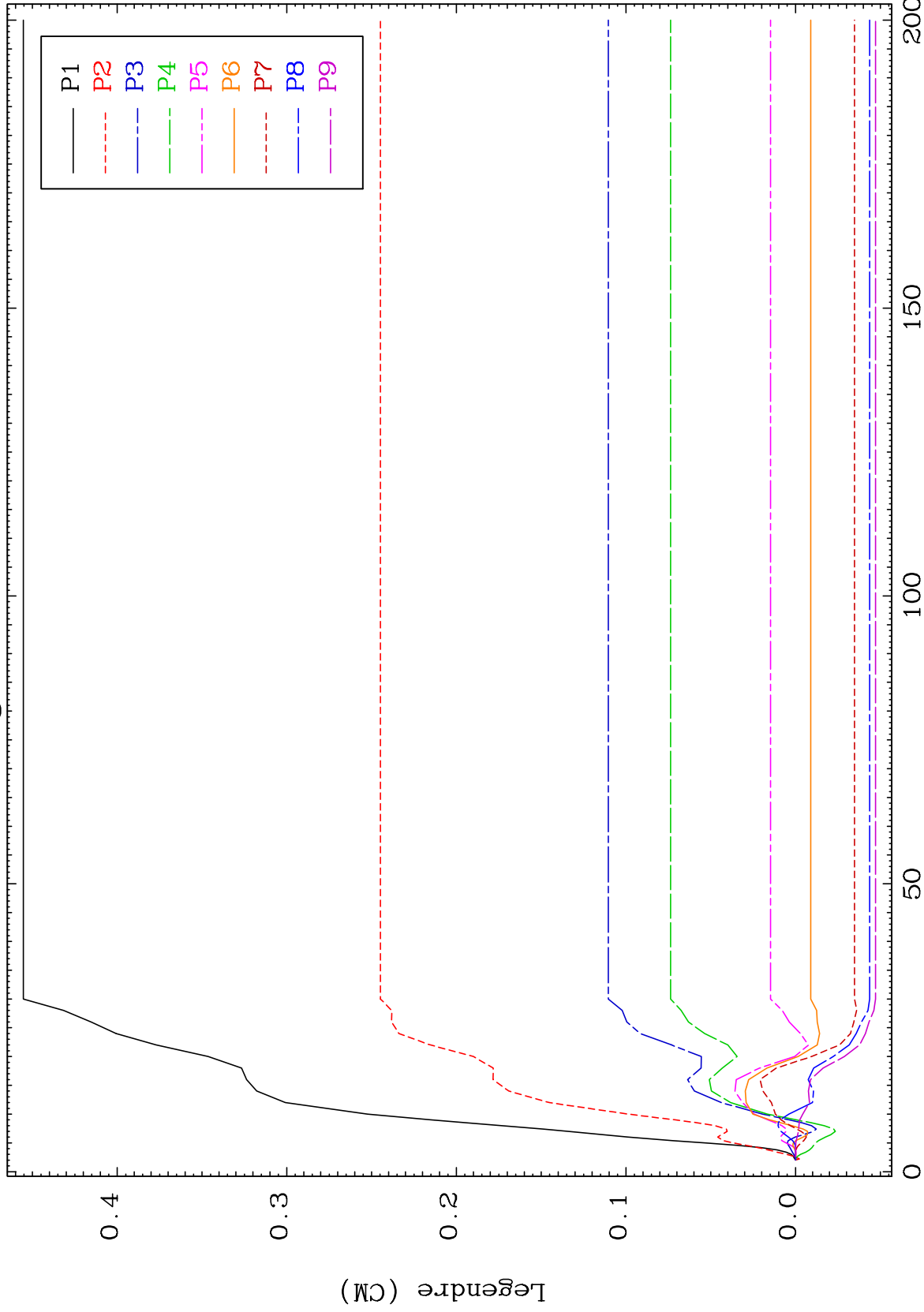
Incident Energy (MeV)

52

MAT 4631

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

46-Pd-104



53

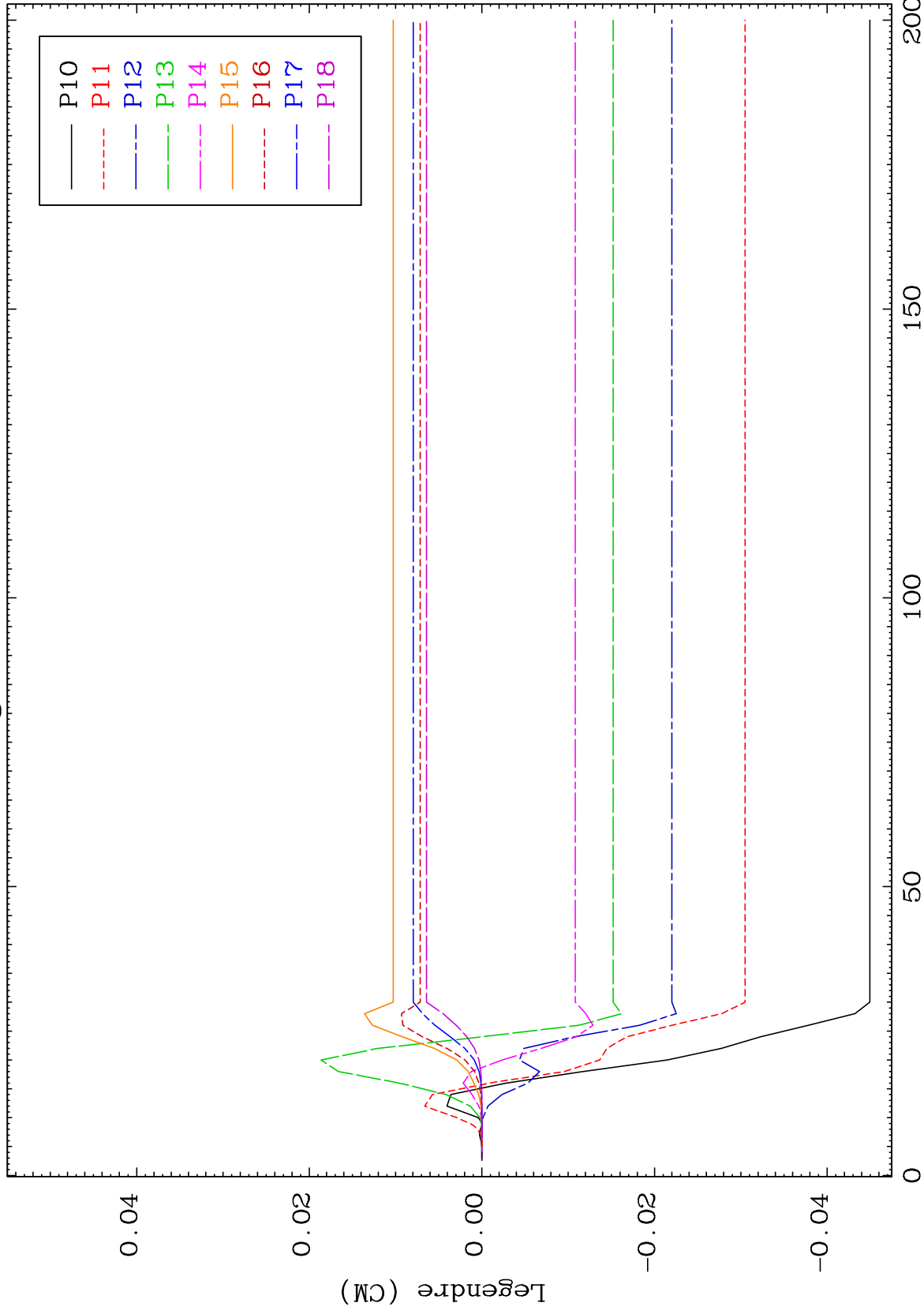
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



54

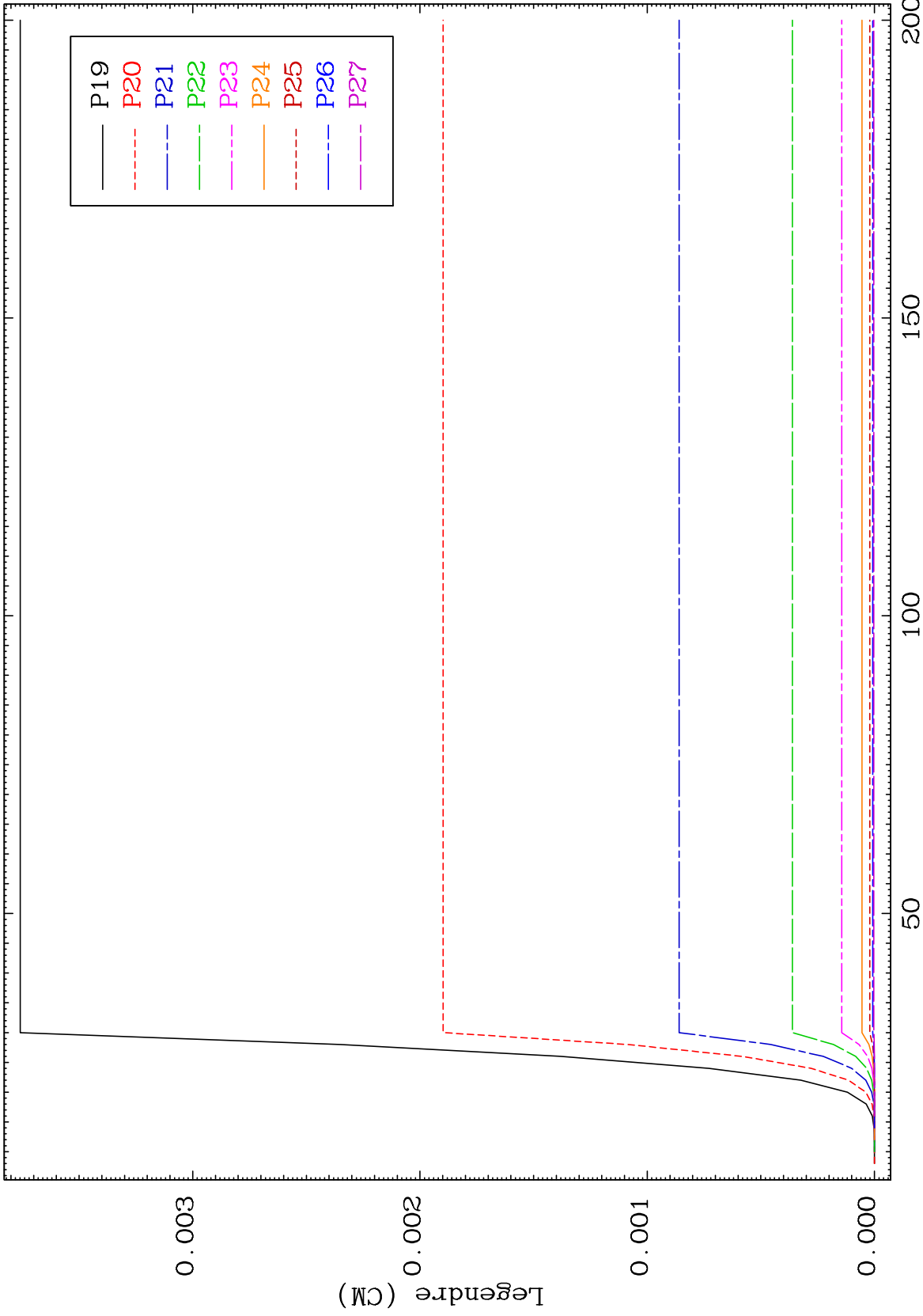
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



55

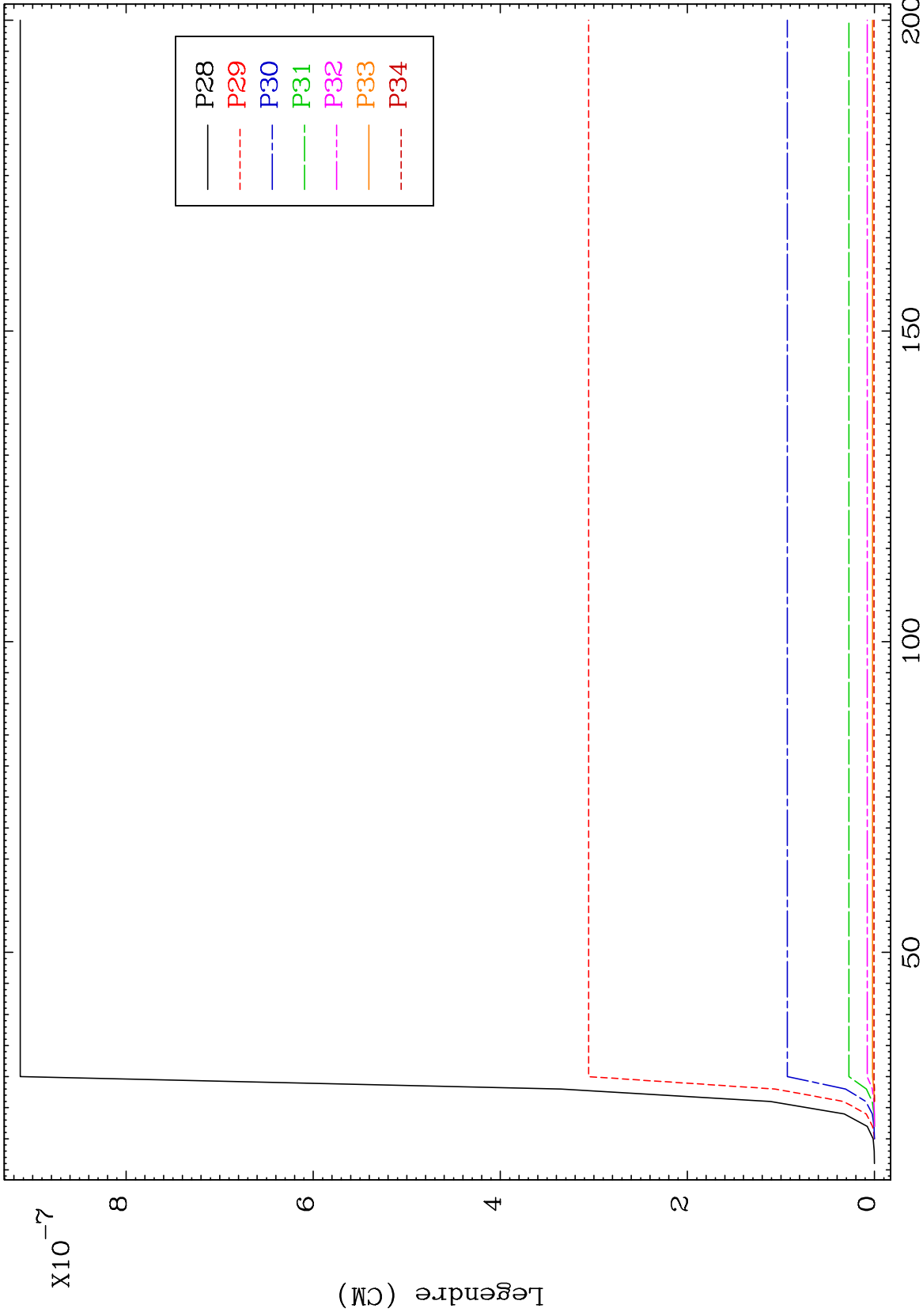
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



56

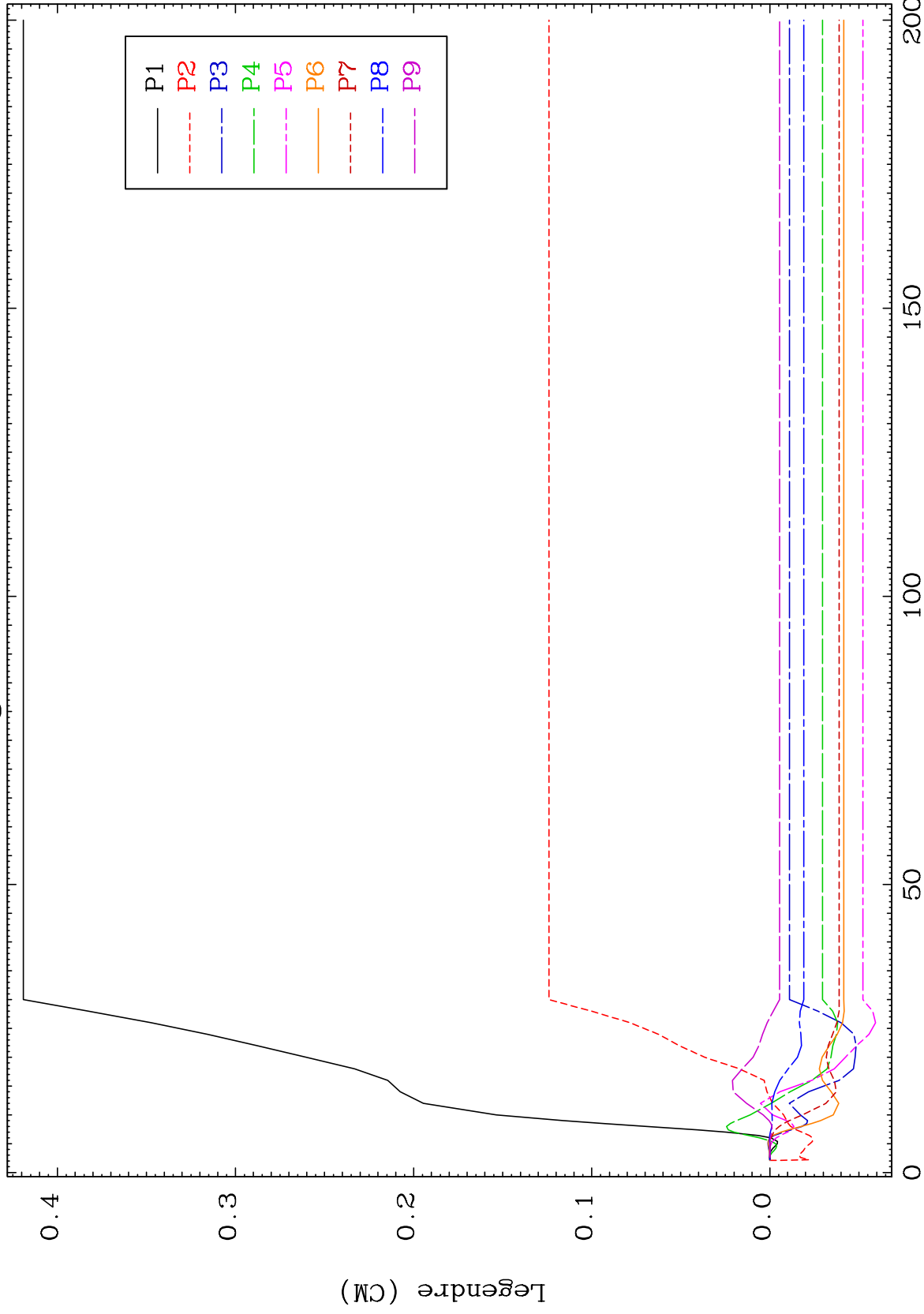
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104

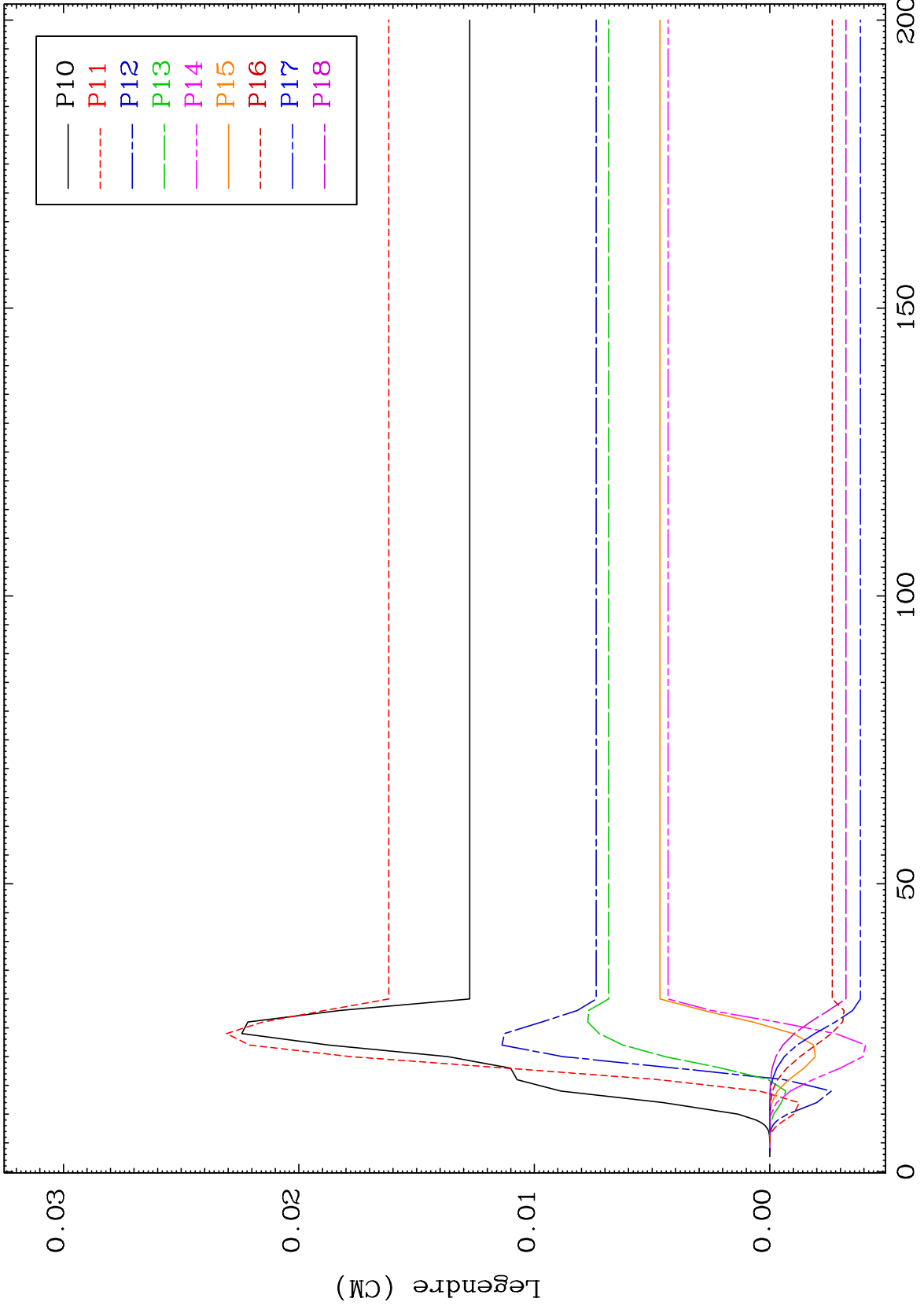


57

Incident Energy (MeV)

46-Pd-104

MAT 4631 MT= 61 (n,n') Level Legendre Coefficients 46-Pd-104

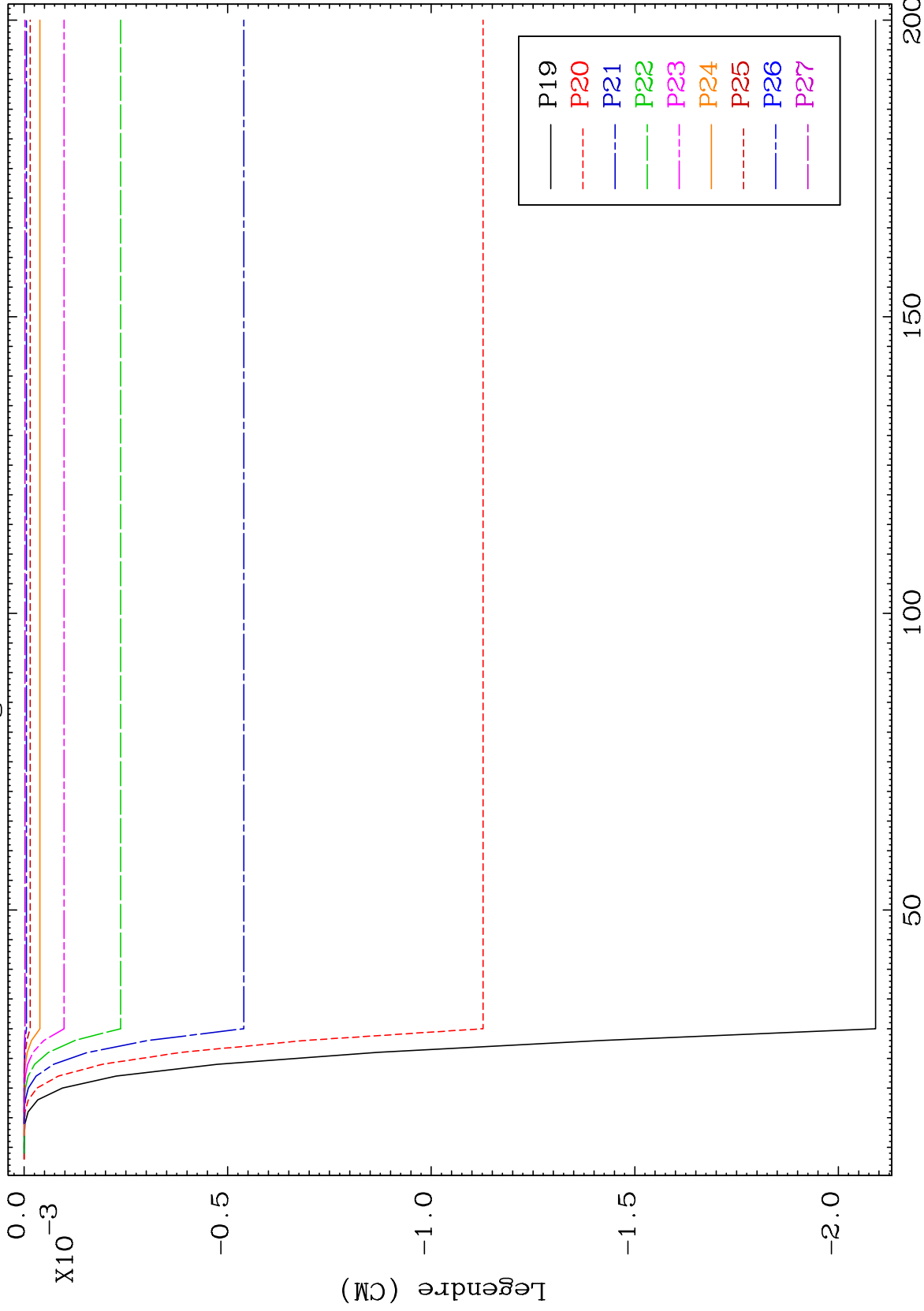


58 46-Pd-104

MAT 4631

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

46-Pd-104



46-Pd-104

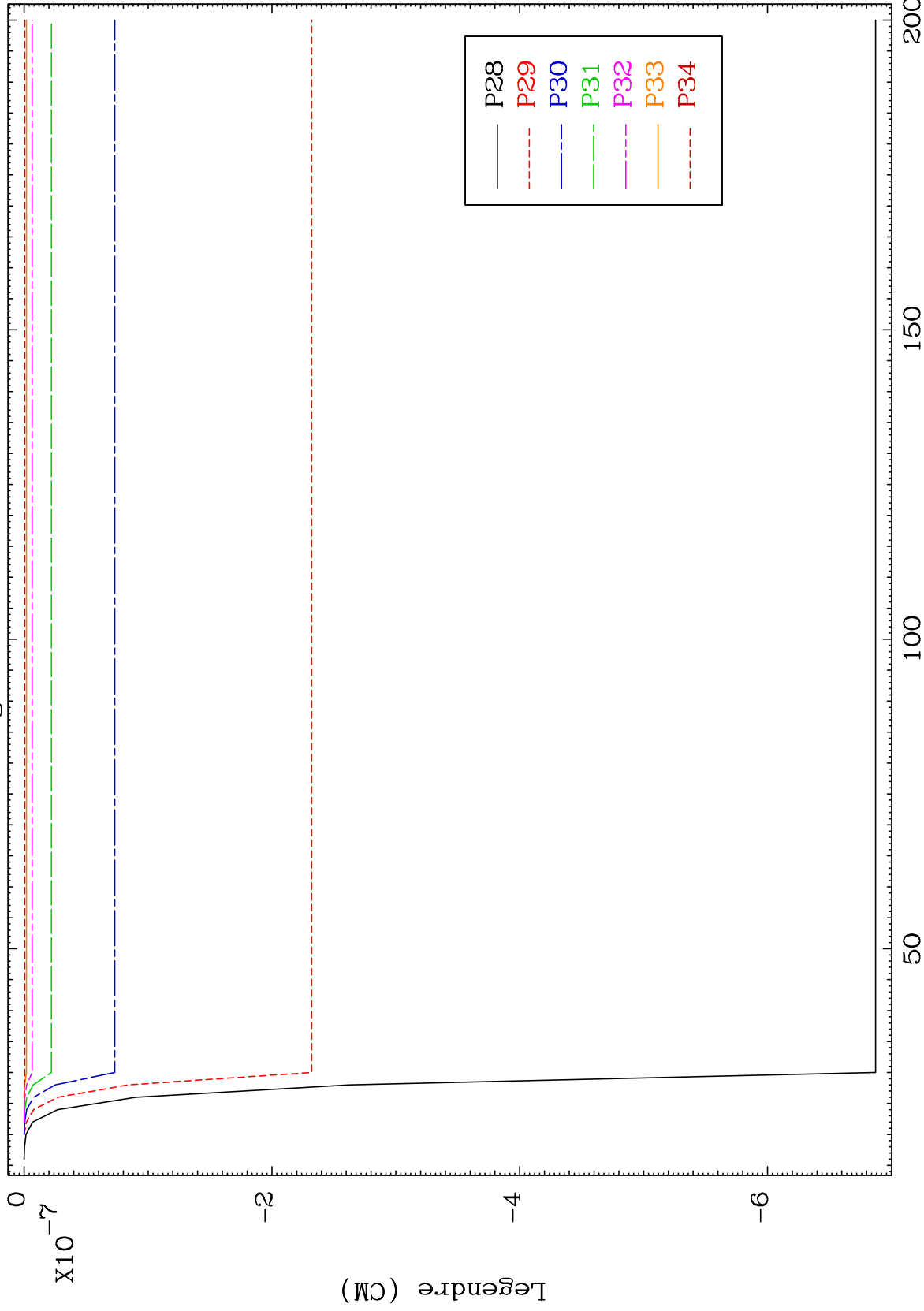
Incident Energy (MeV)

59

MAT 4631

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

46-Pd-104



46-Pd-104

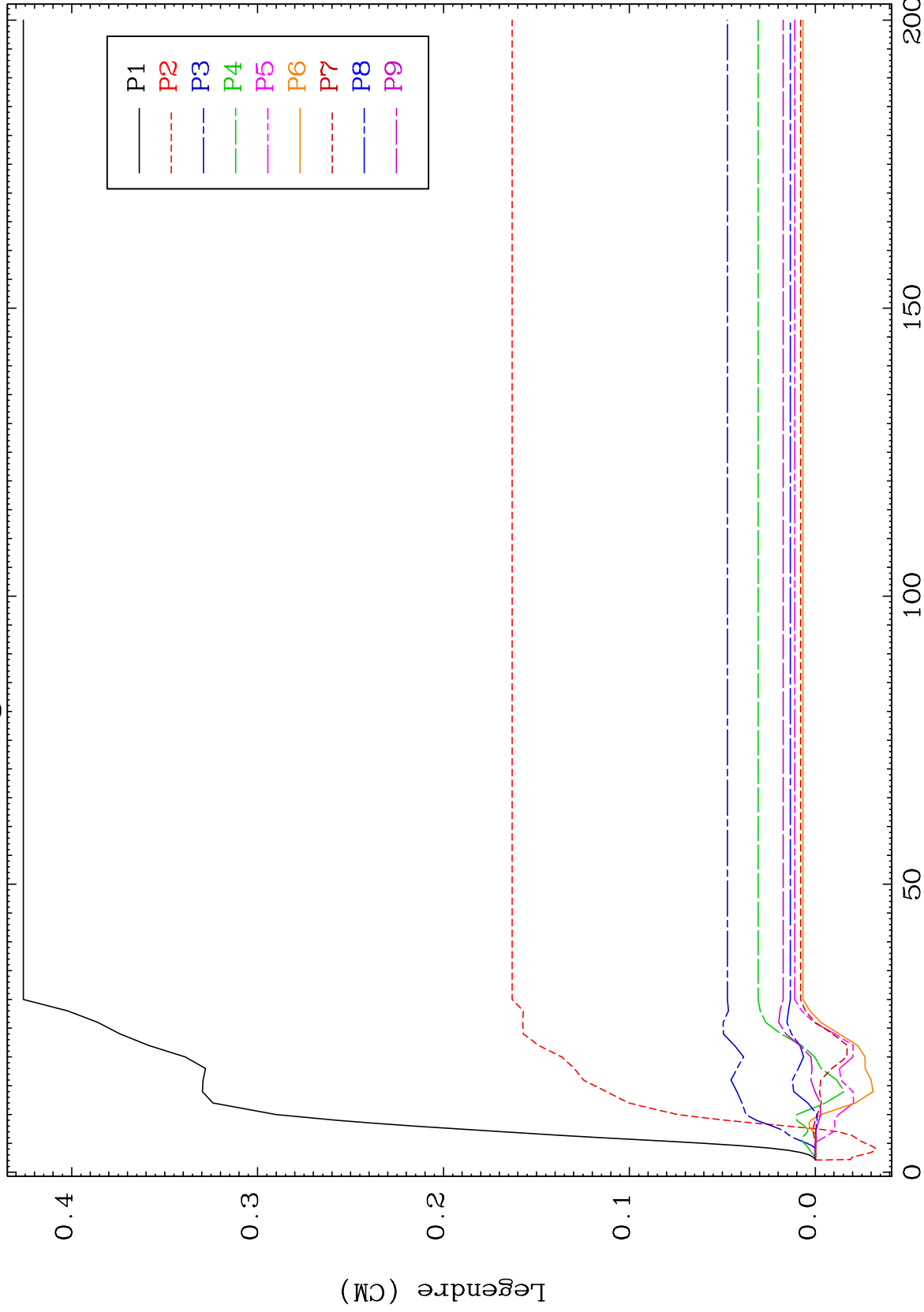
Incident Energy (MeV)

60

MAT 4631

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

46-Pd-104



61

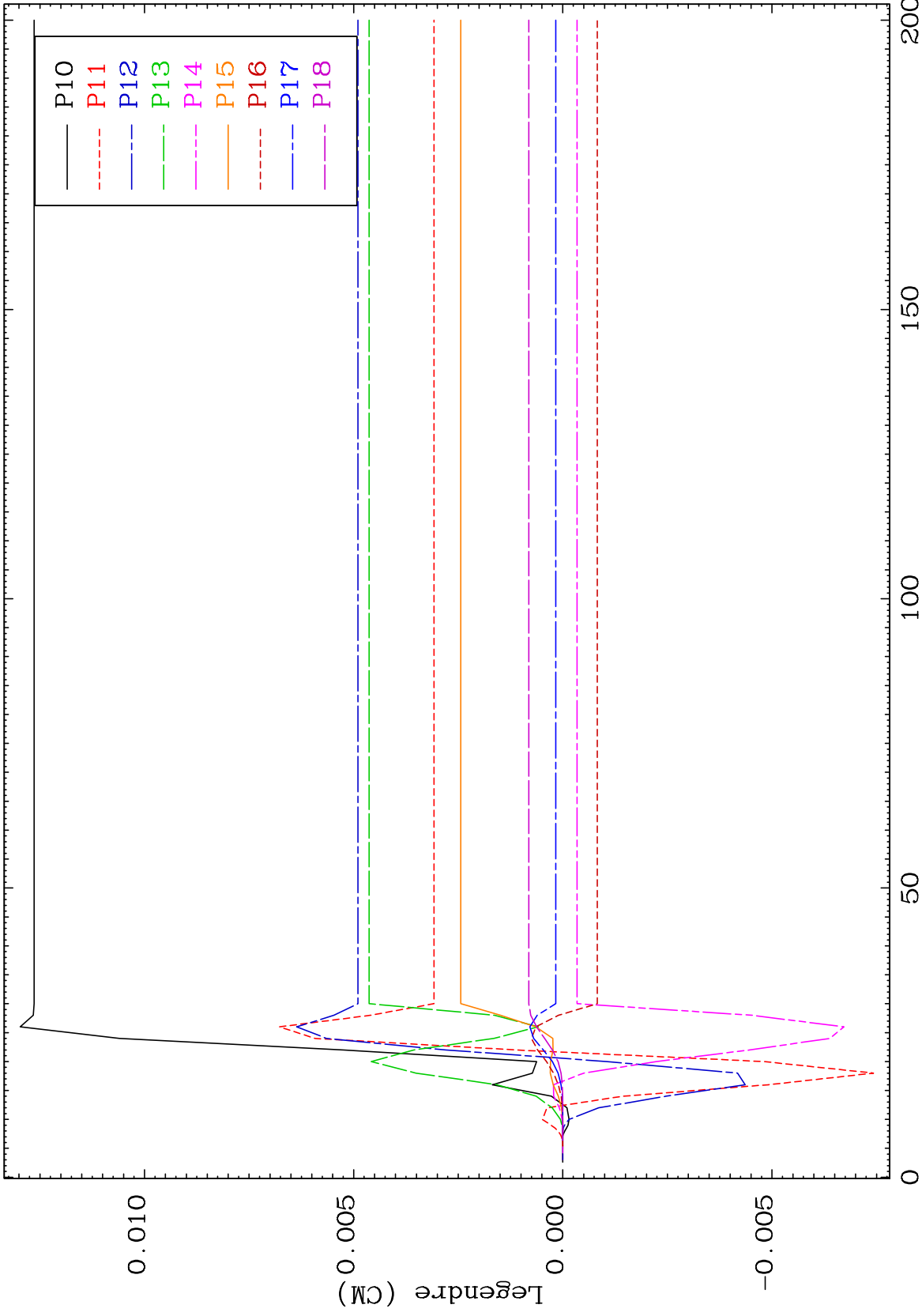
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



46-Pd-104

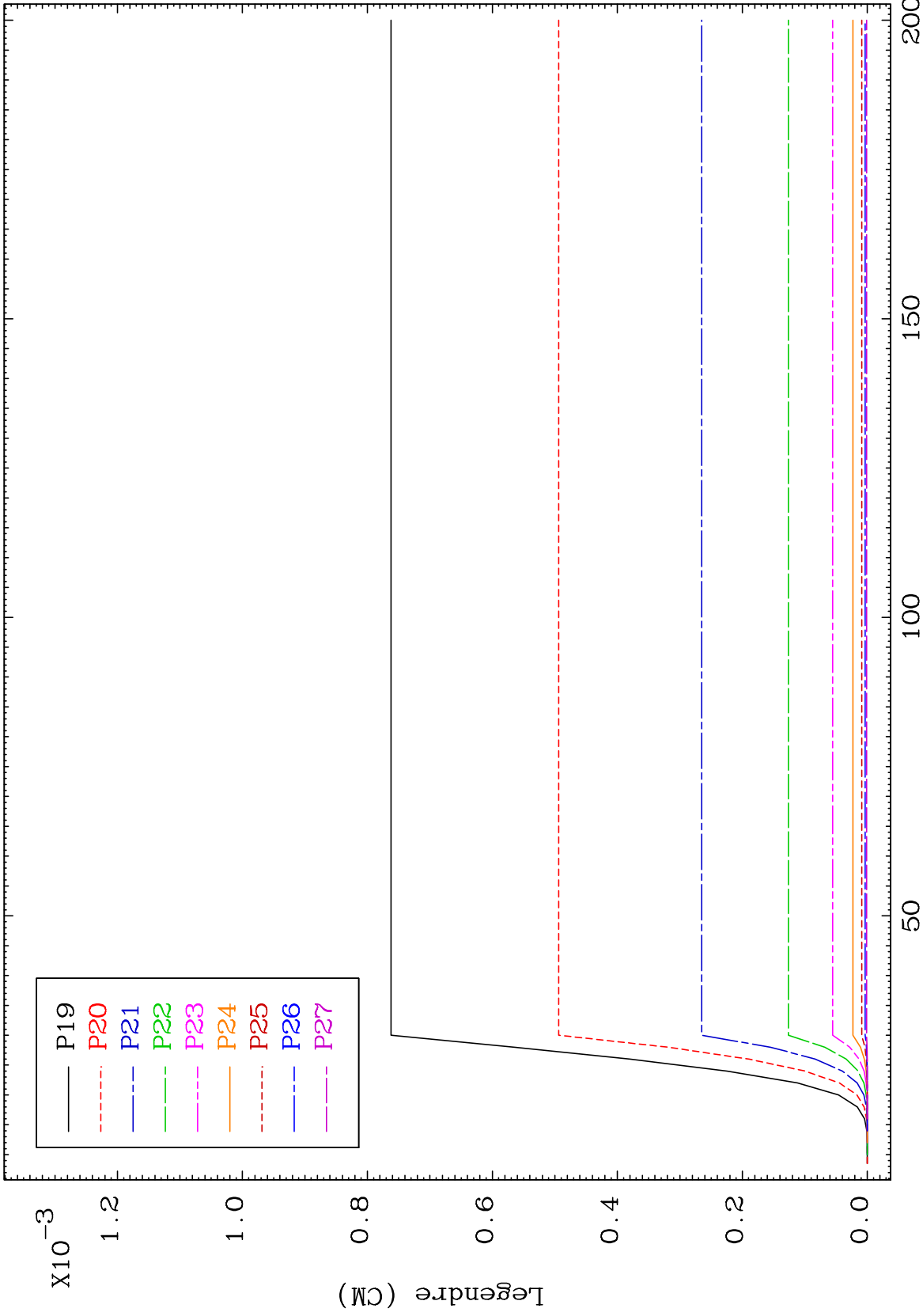
Incident Energy (MeV)

62

MAT 4631

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

46-Pd-104



63

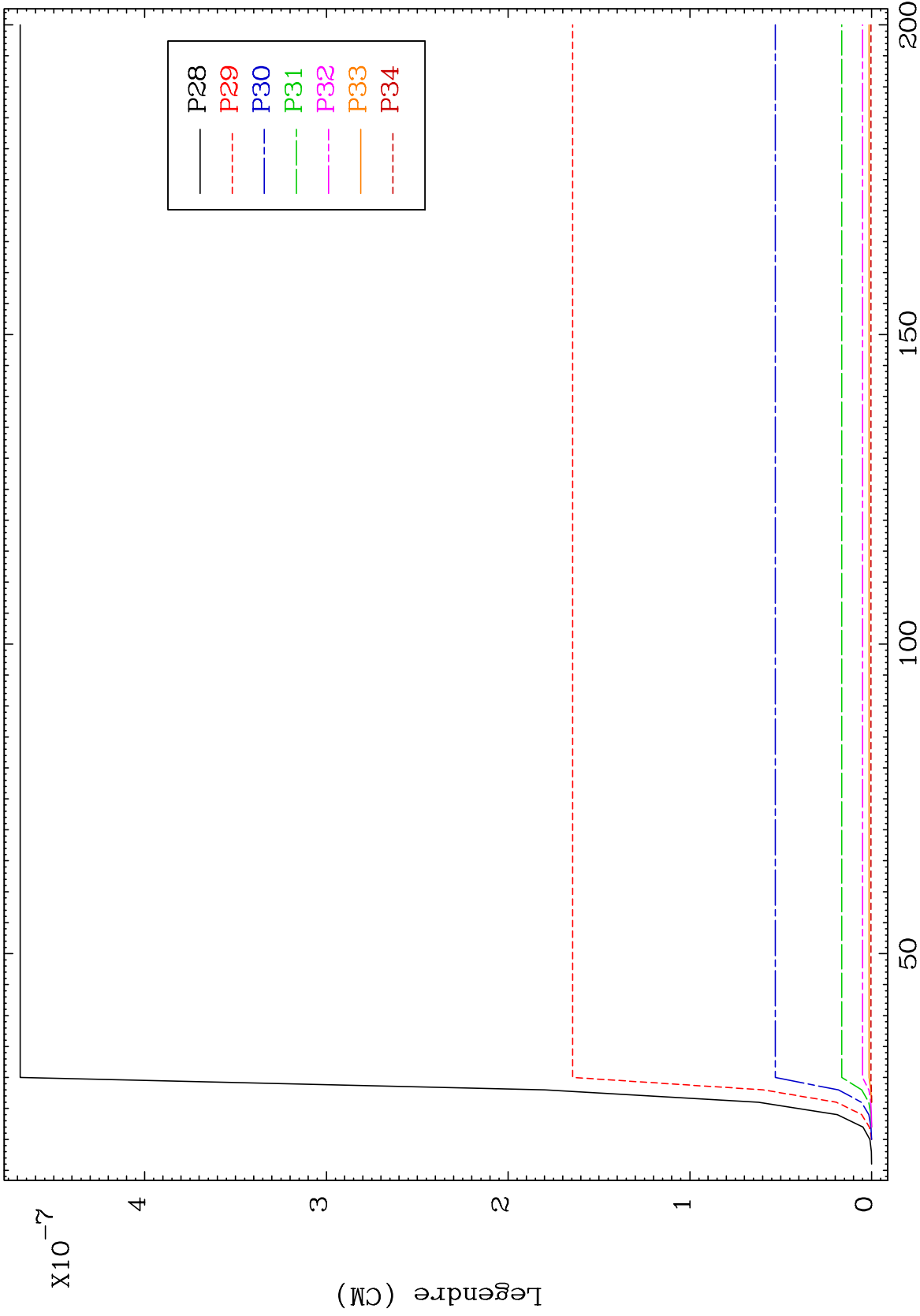
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



64

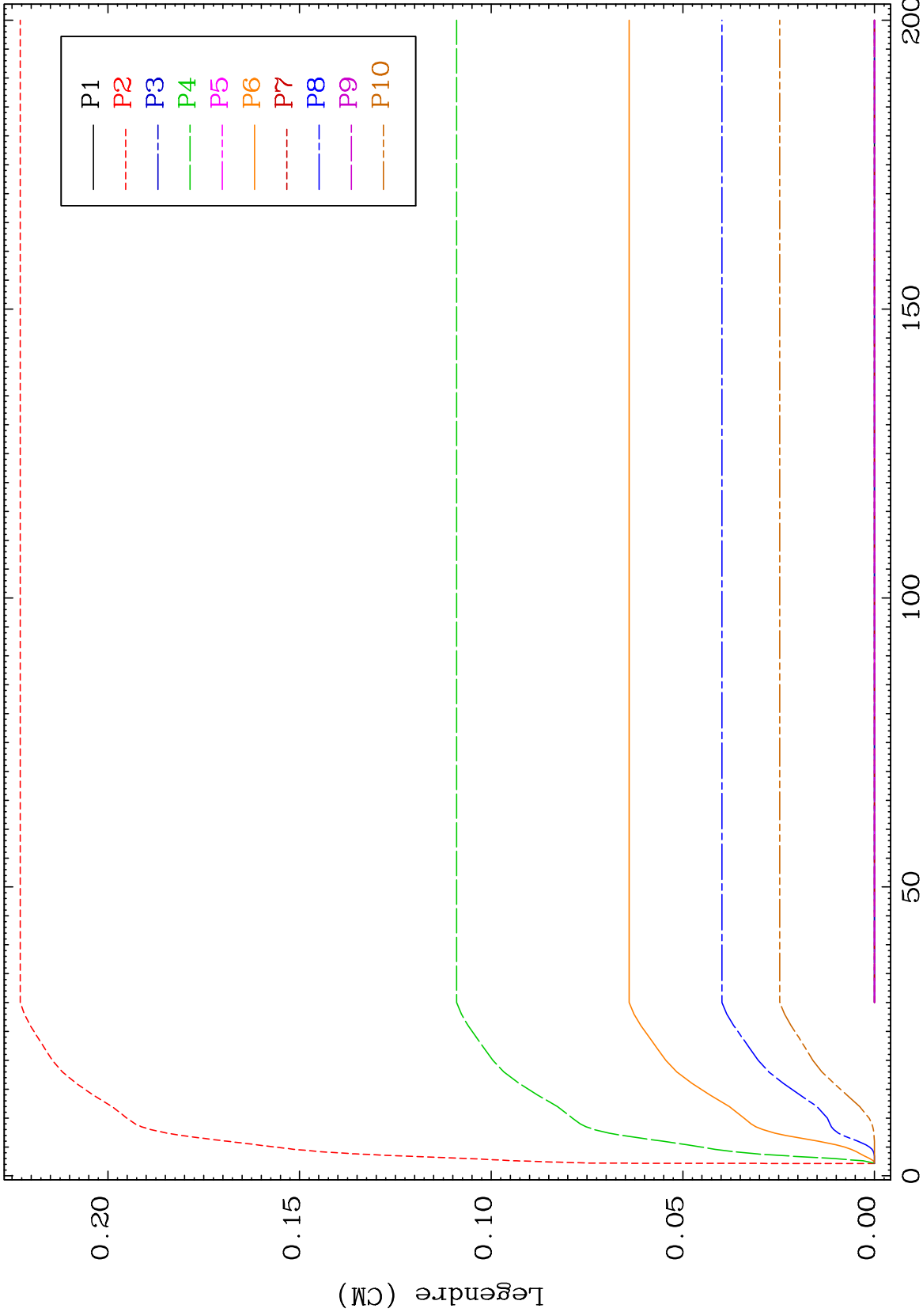
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



65

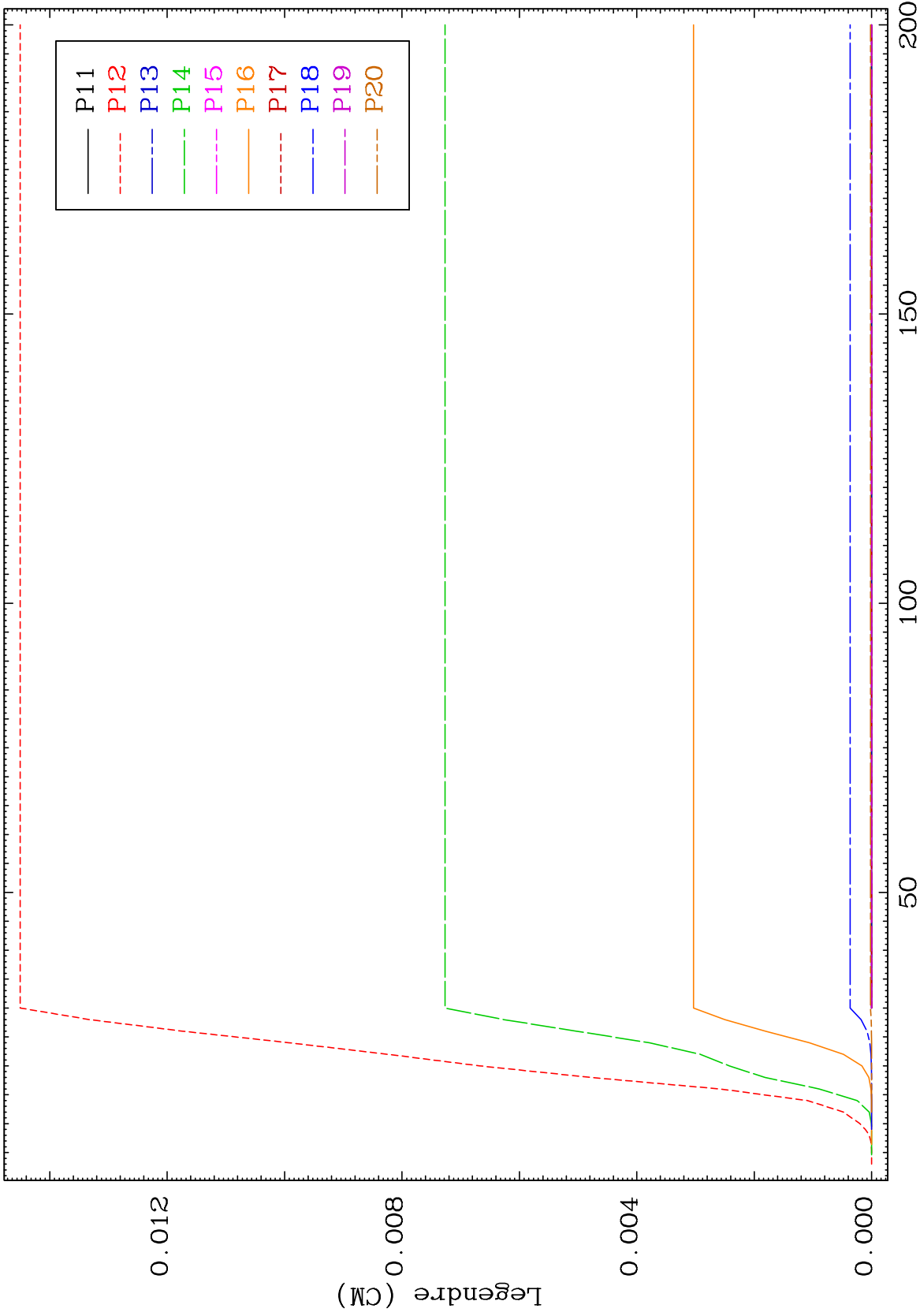
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



66

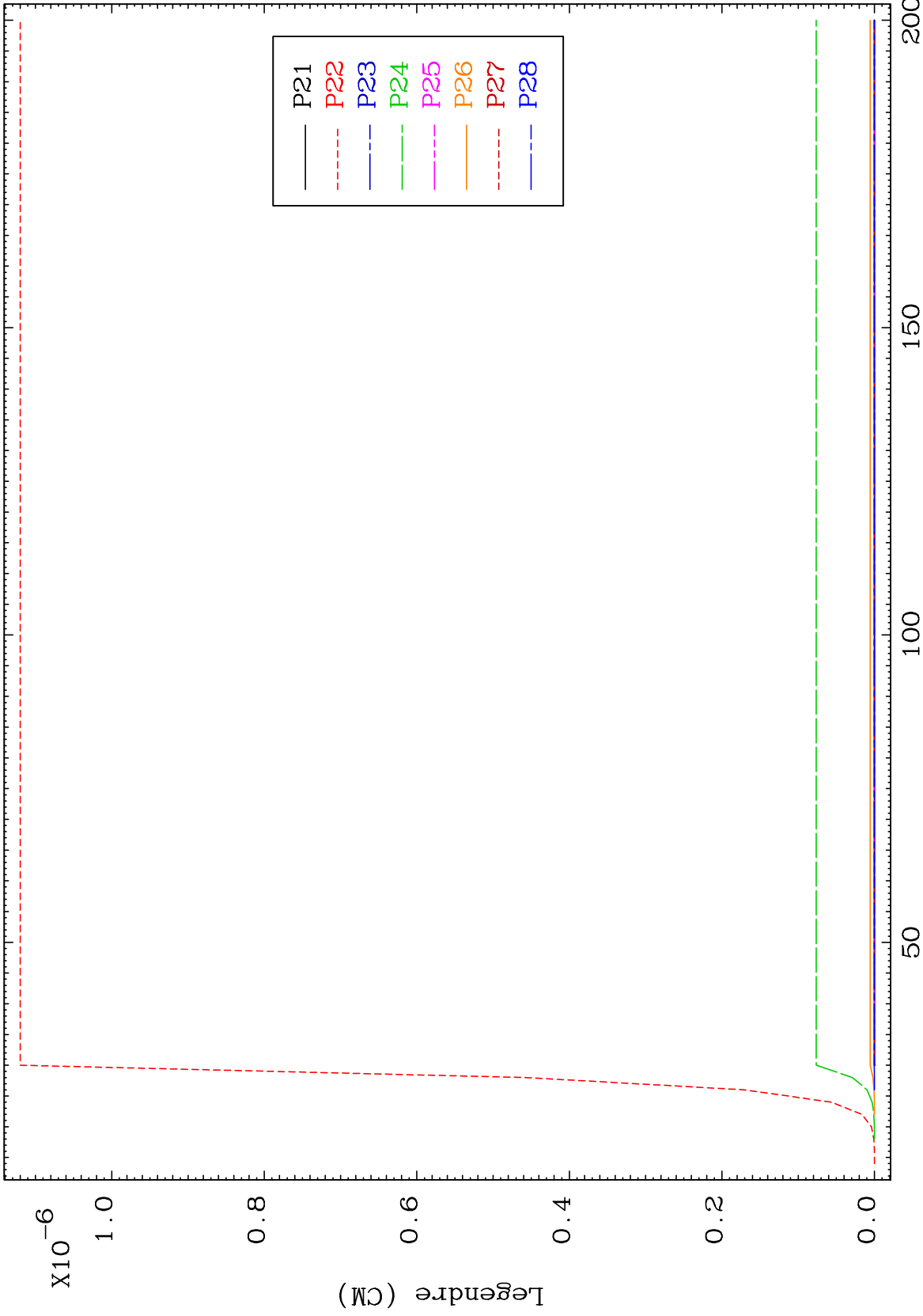
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104

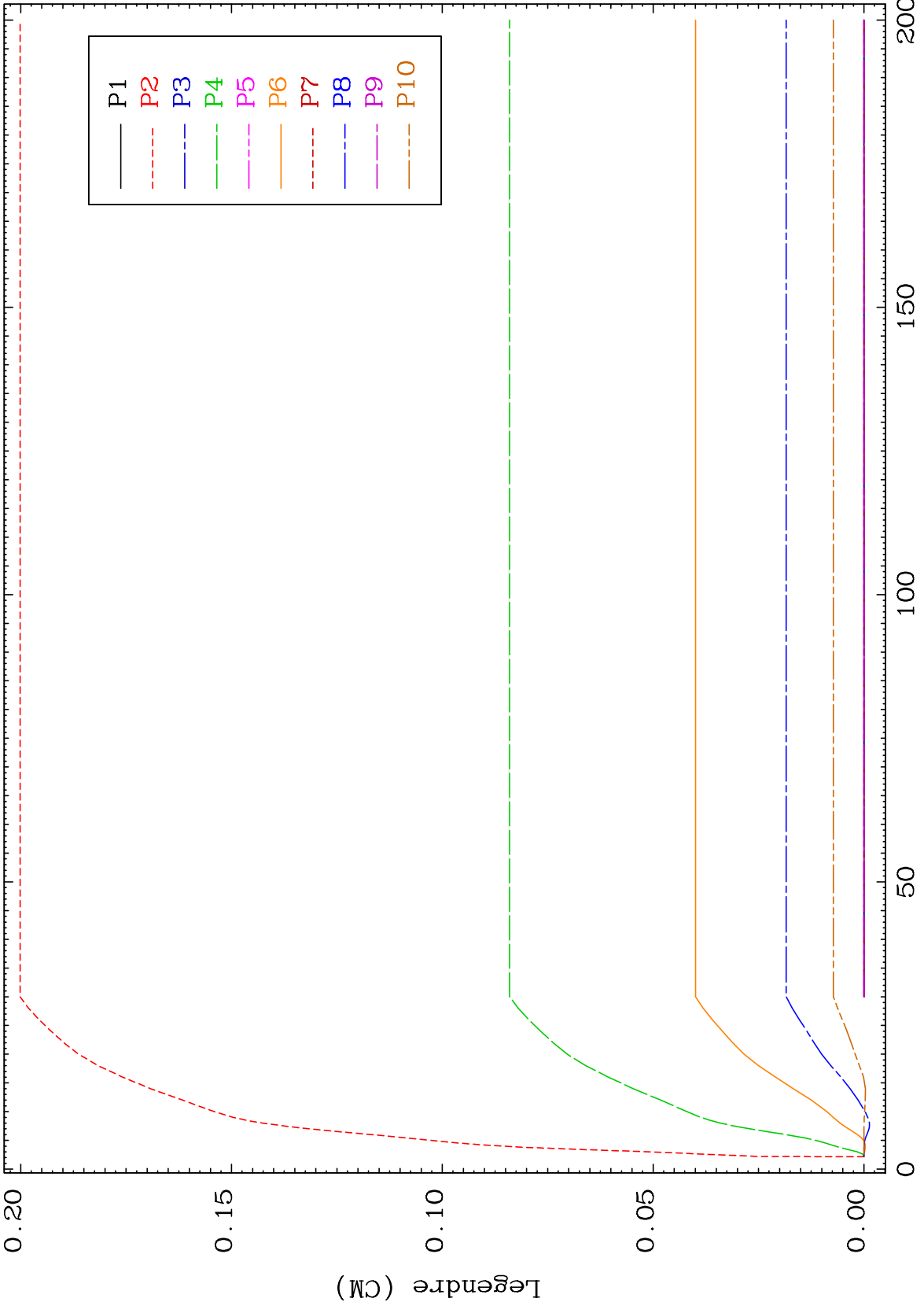


67

Incident Energy (MeV)

46-Pd-104

MAT 4631 MT= 64 (n,n') Level Legendre Coefficients 46-Pd-104

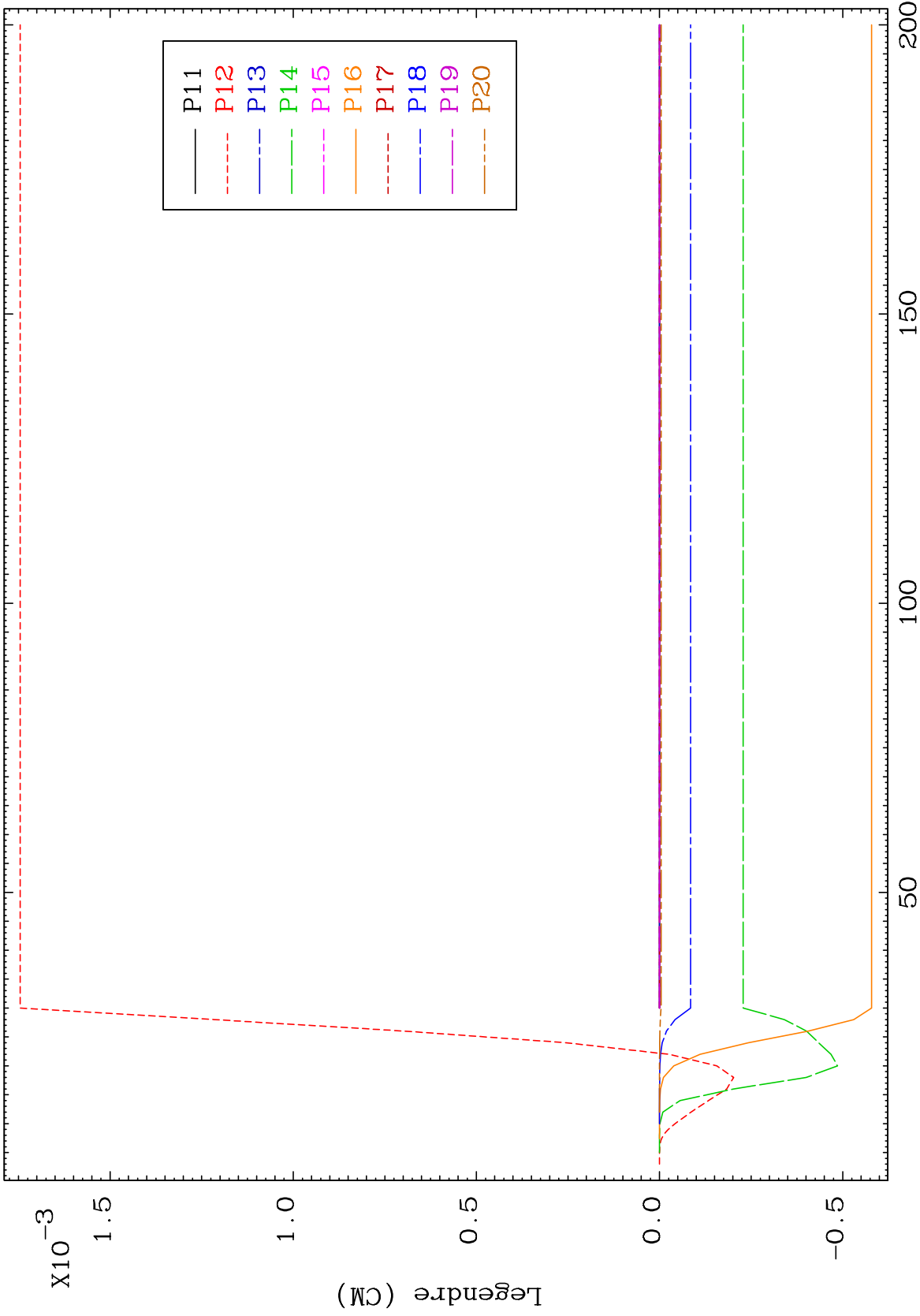


68 Incident Energy (MeV) 46-Pd-104

MAT 4631

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

46-Pd-104

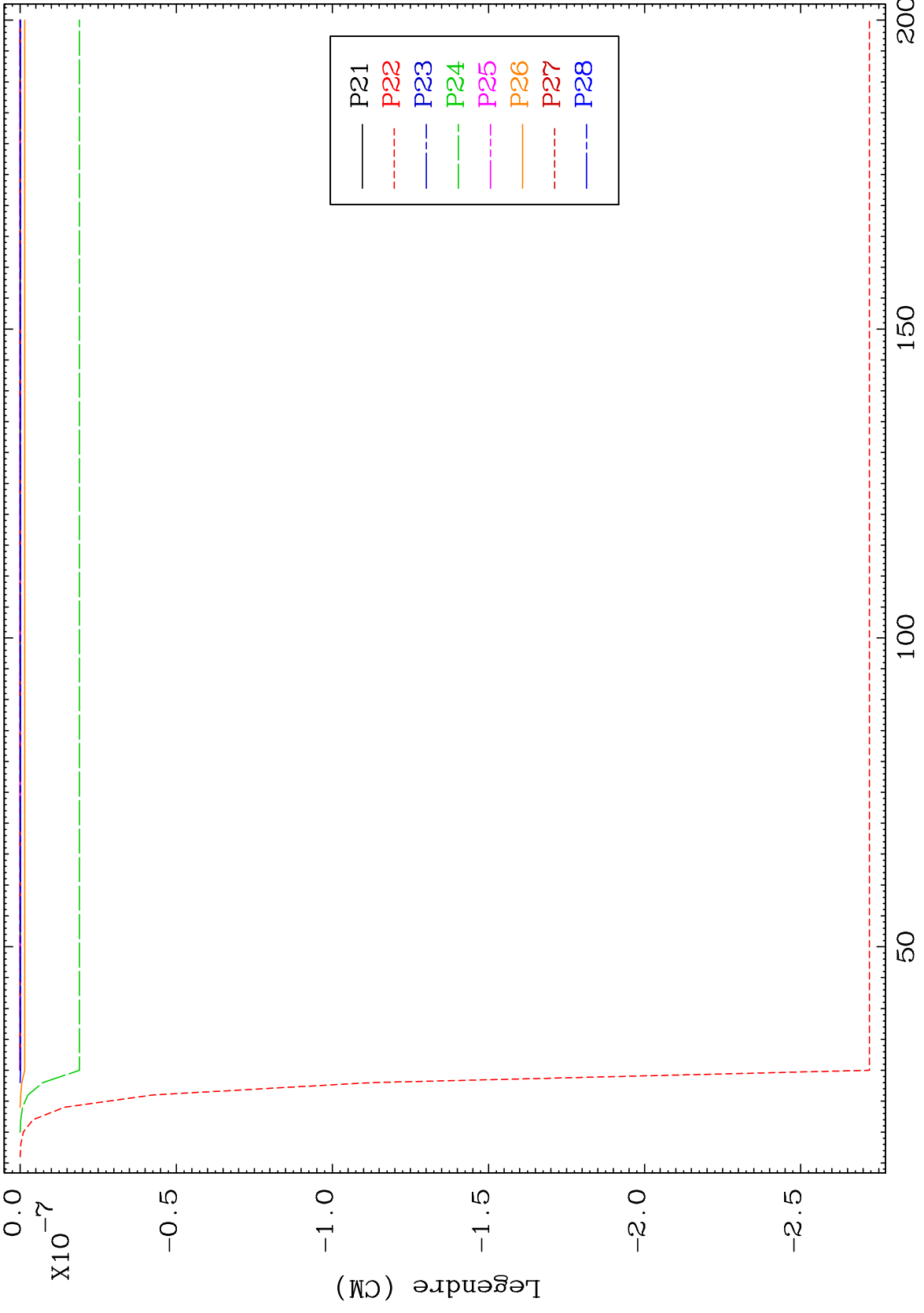


69

Incident Energy (MeV)

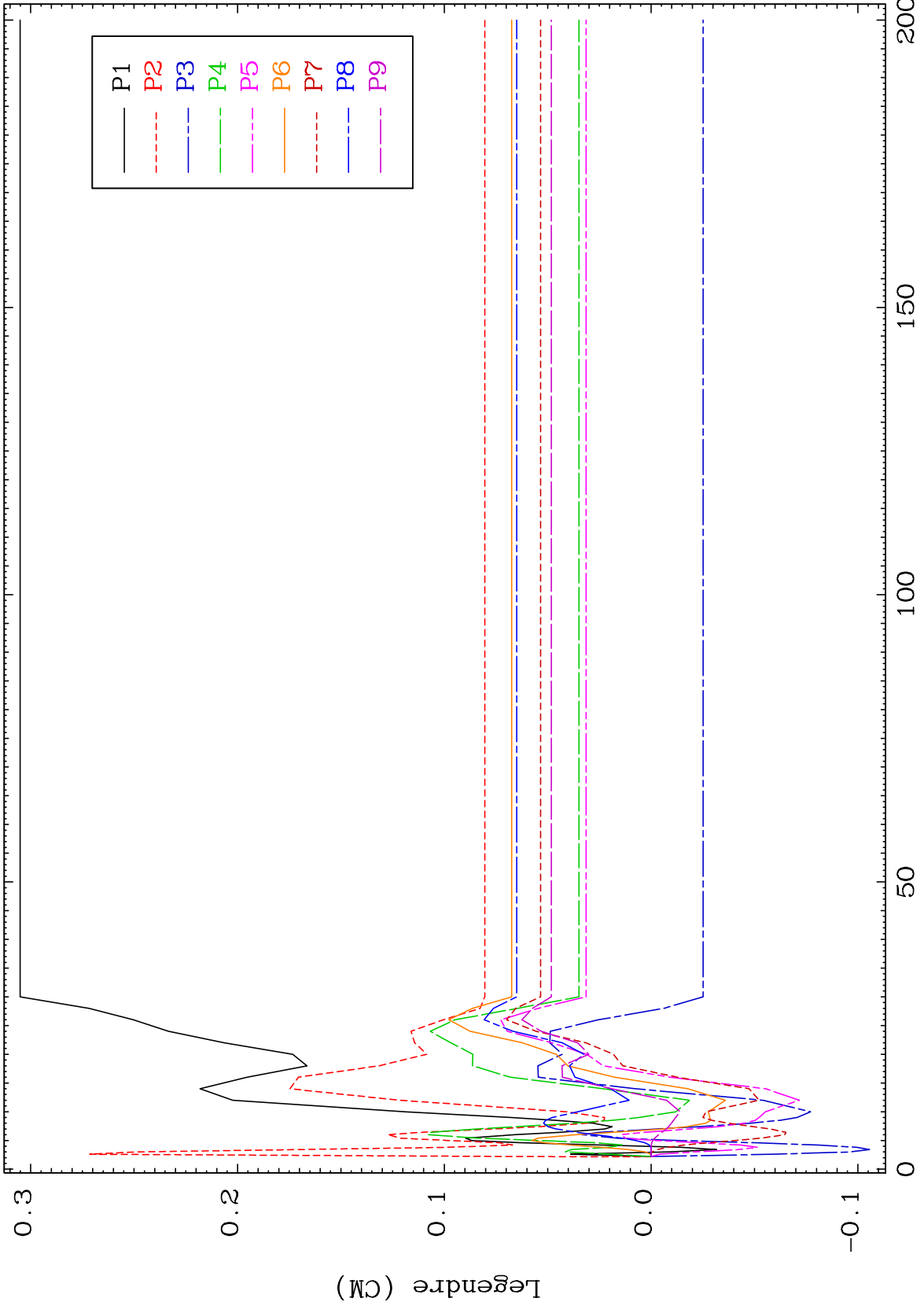
46-Pd-104

MAT 4631 MT= 64 (n,n') Level Legendre Coefficients 46-Pd-104

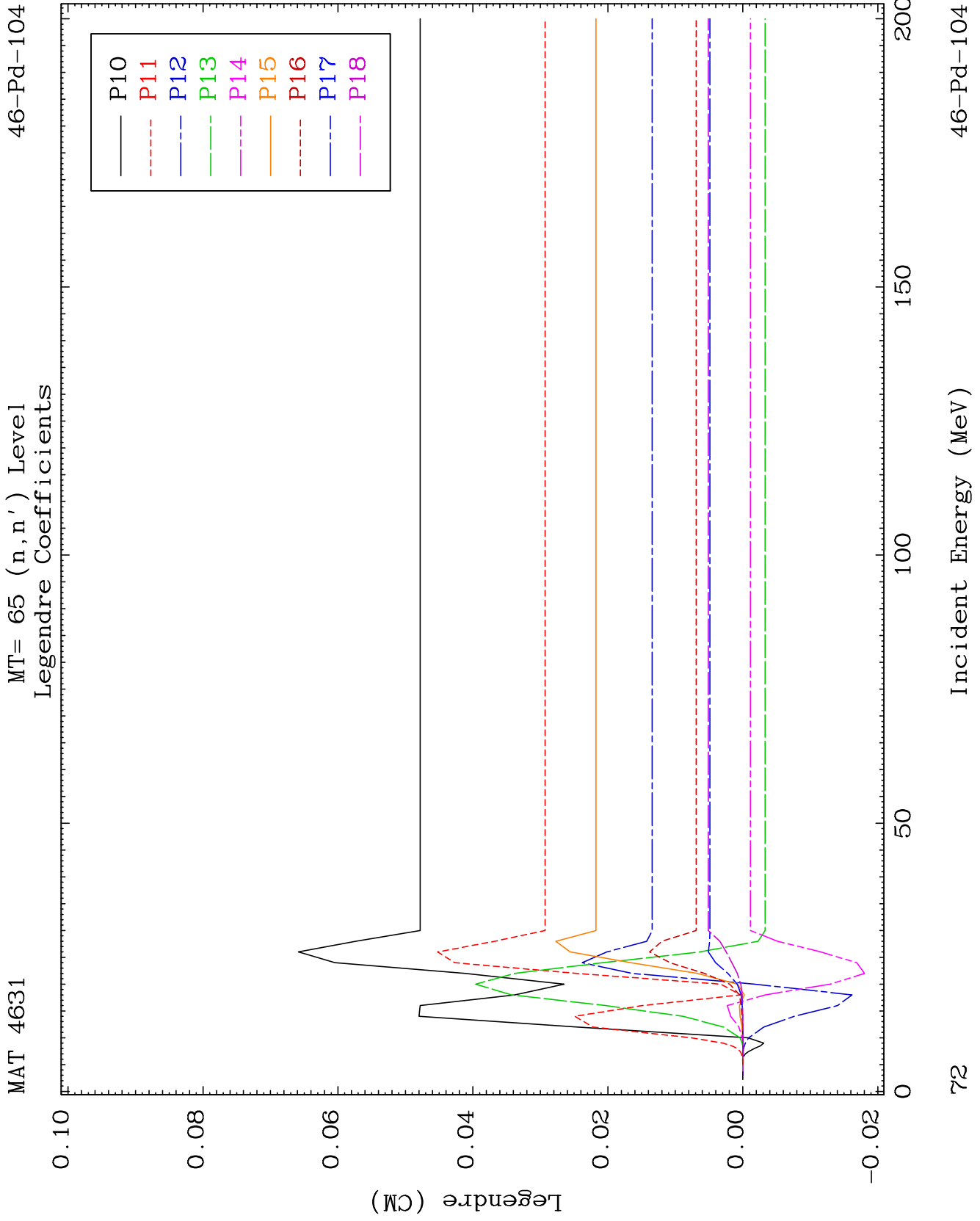


70 Incident Energy (MeV) 46-Pd-104

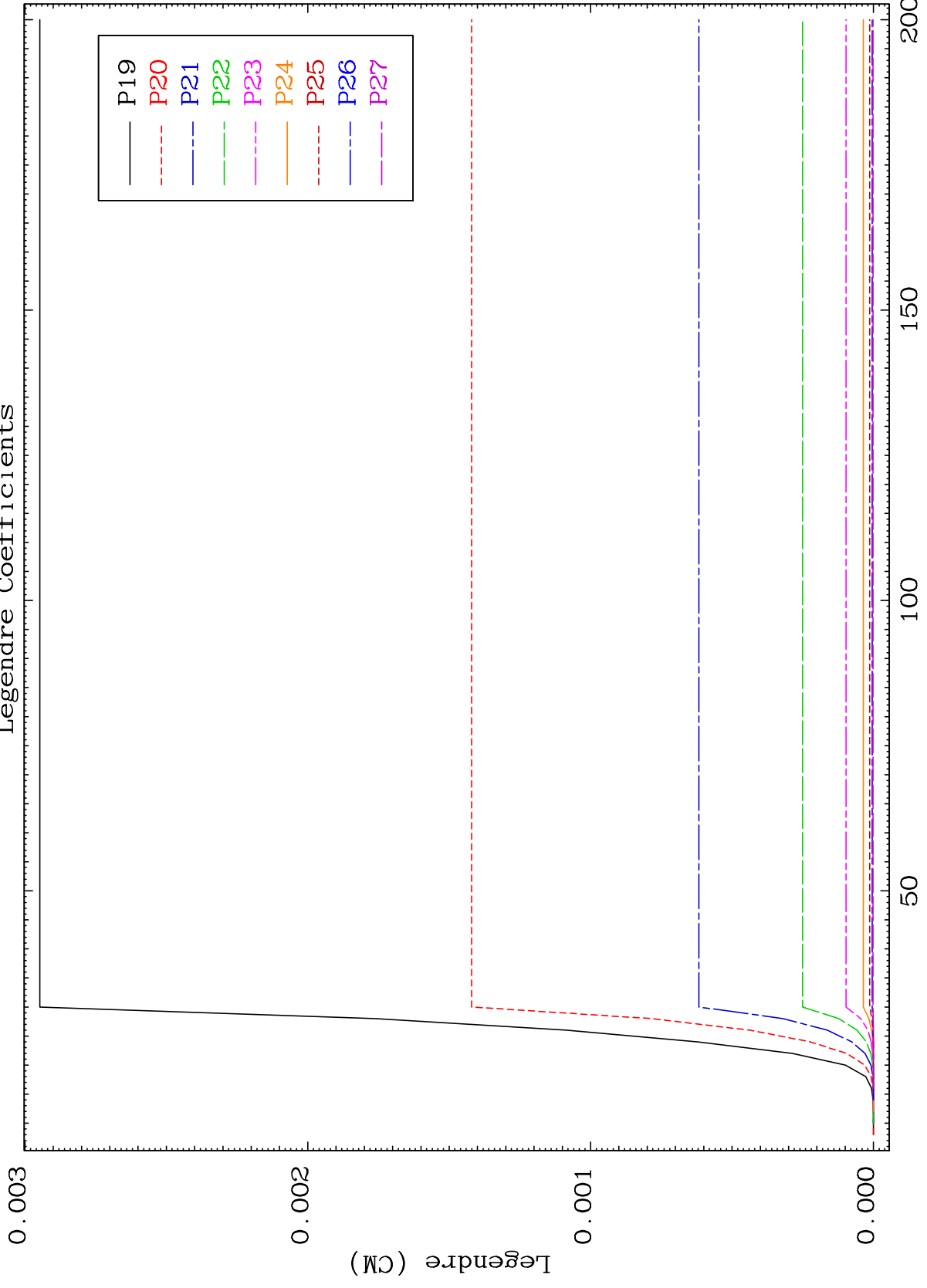
MAT 4631 MT= 65 (n,n') Level Legendre Coefficients 46-Pd-104



71 46-Pd-104



MAT 4631 MT= 65 (n,n') Level Legendre Coefficients 46-Pd-104

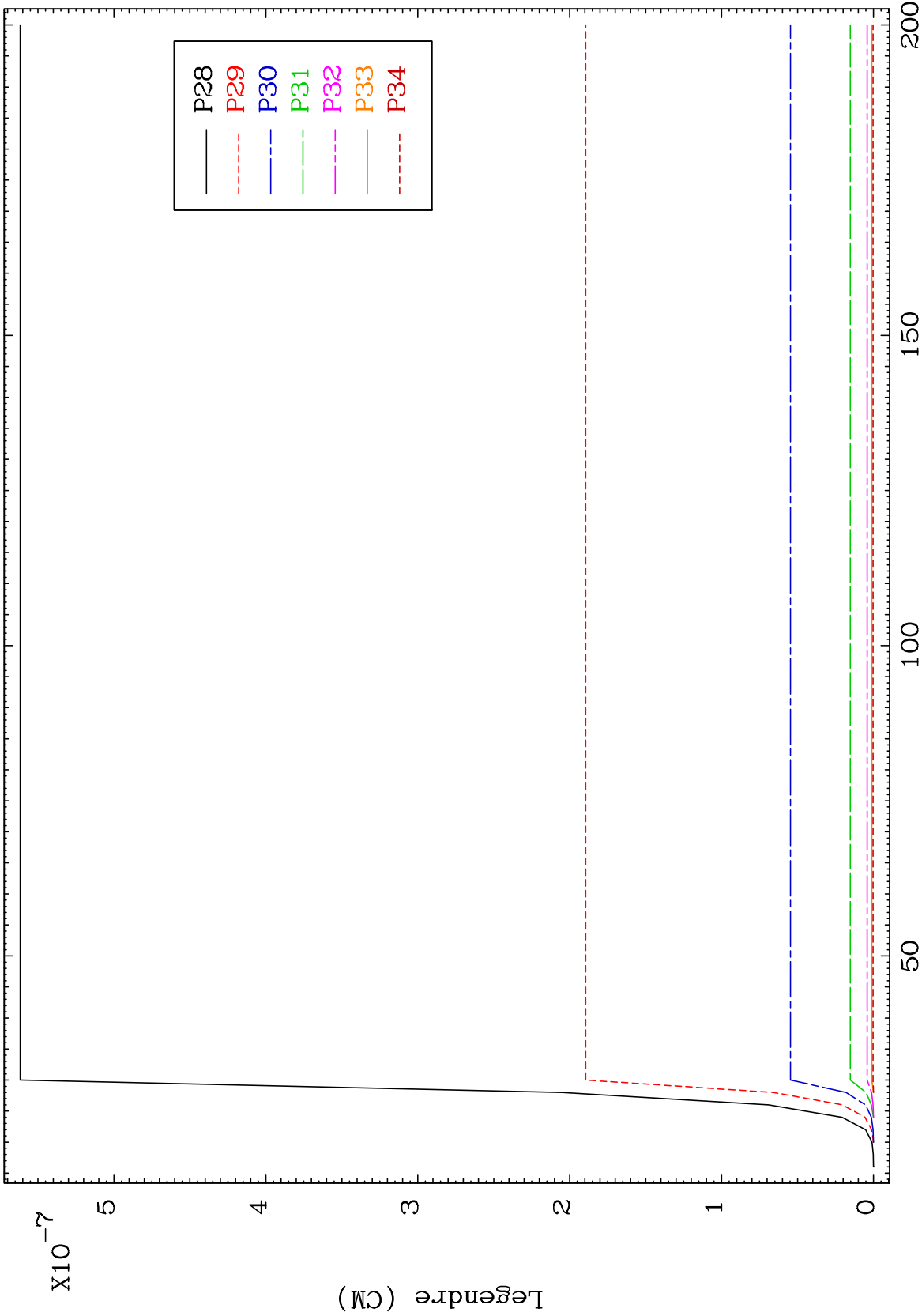


73 46-Pd-104

MAT 4631

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

46-Pd-104



74

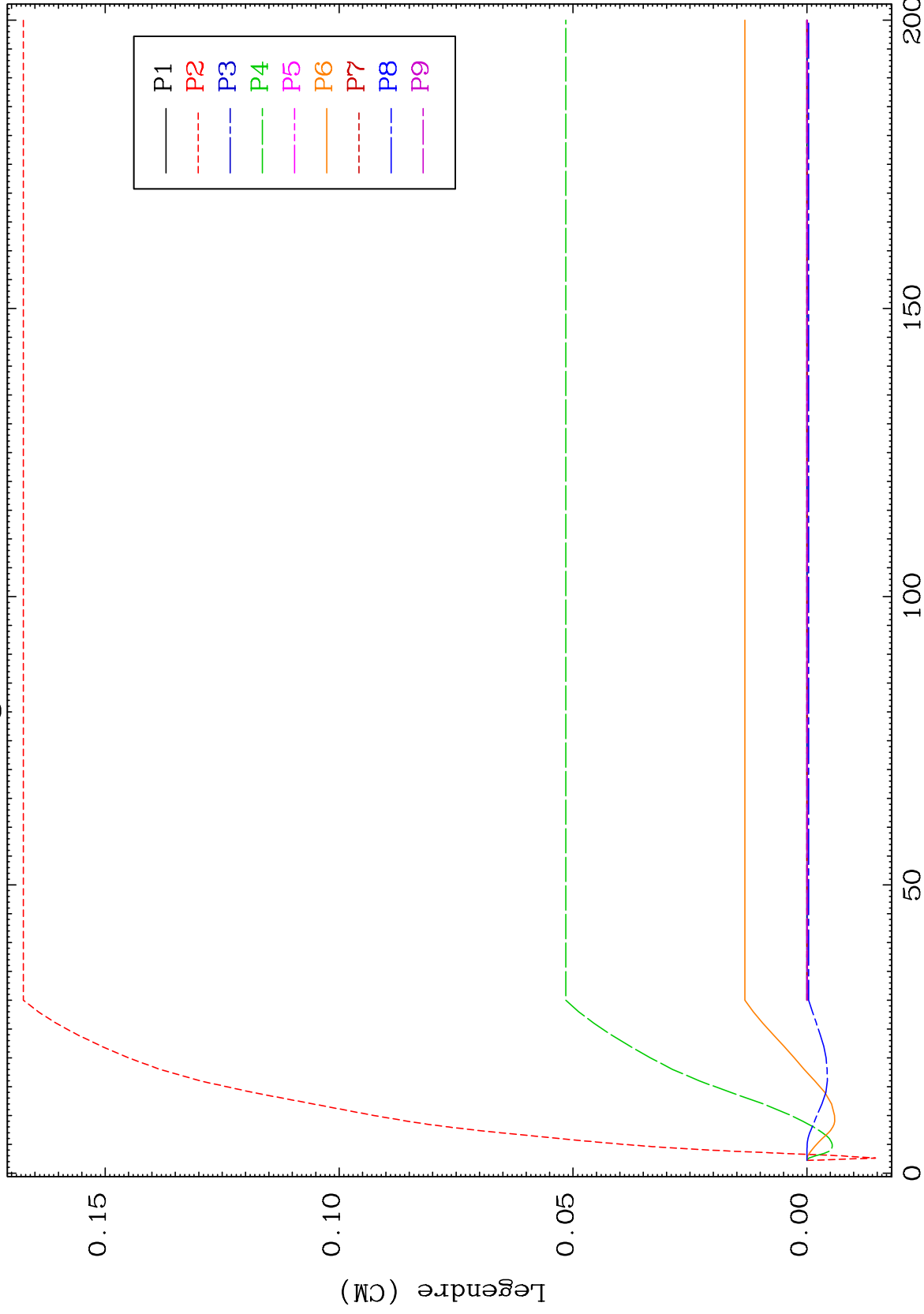
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104

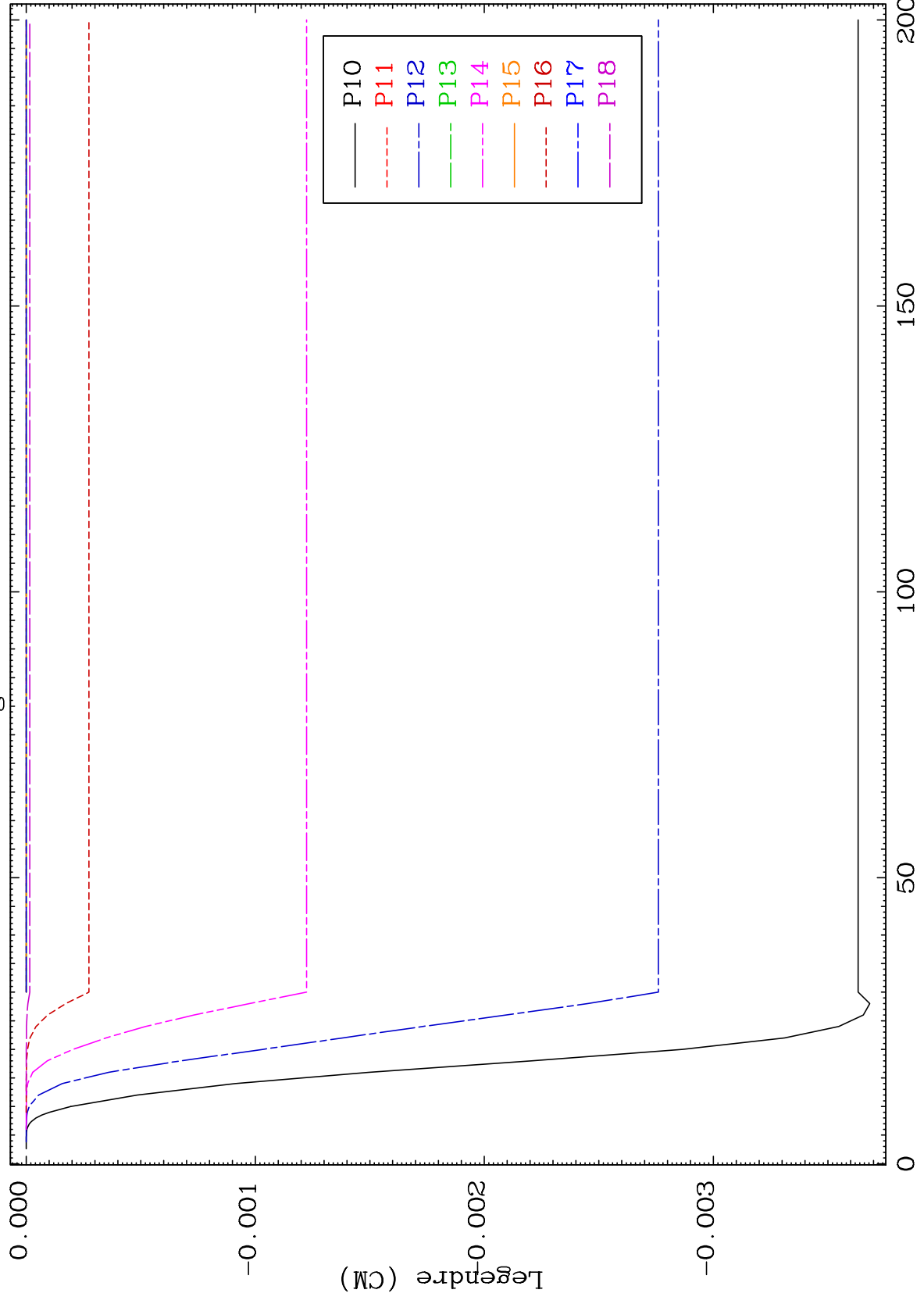


75

Incident Energy (MeV)

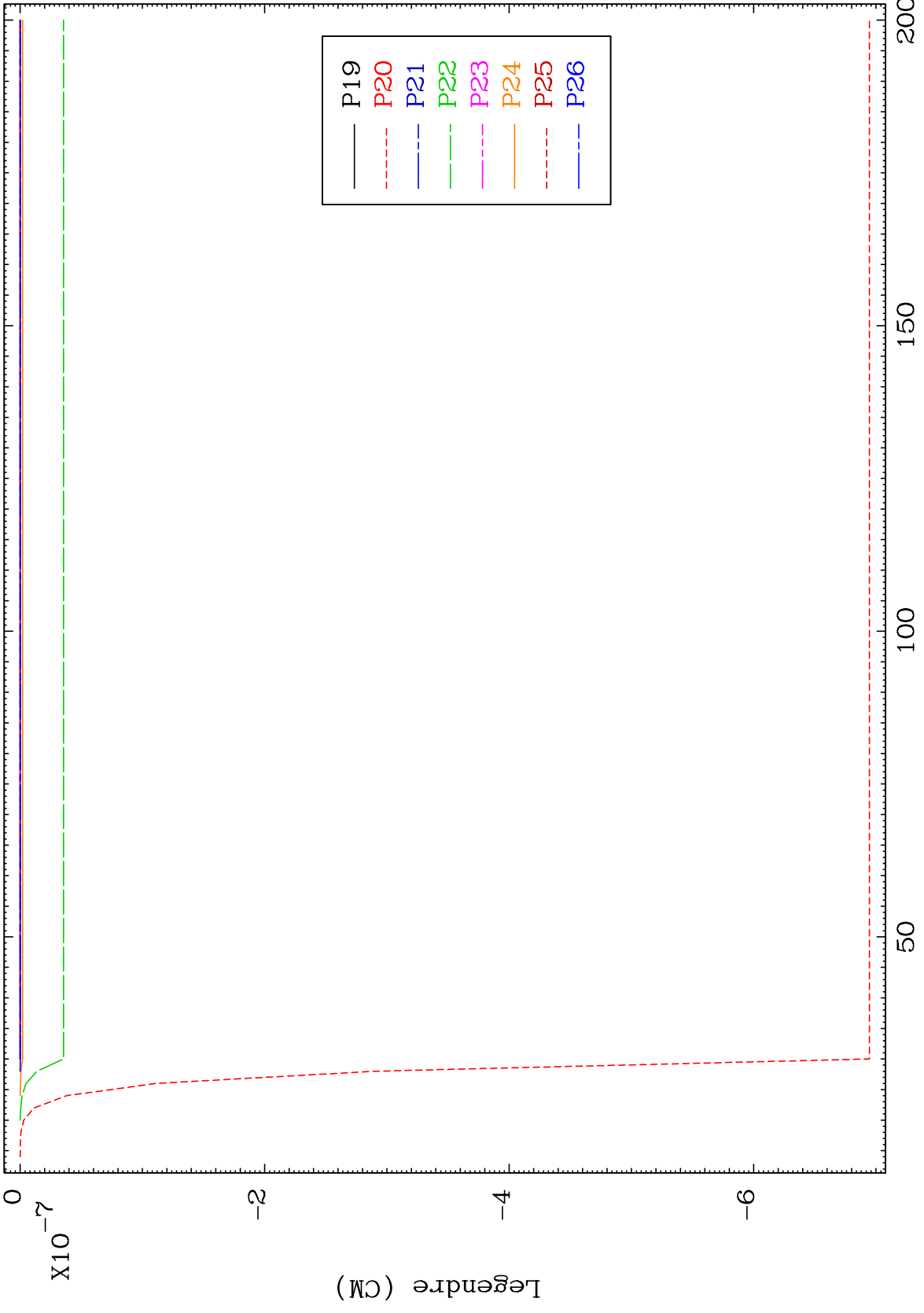
46-Pd-104

MAT 4631 MT= 66 (n,n') Level Legendre Coefficients 46-Pd-104



76 Incident Energy (MeV) 46-Pd-104

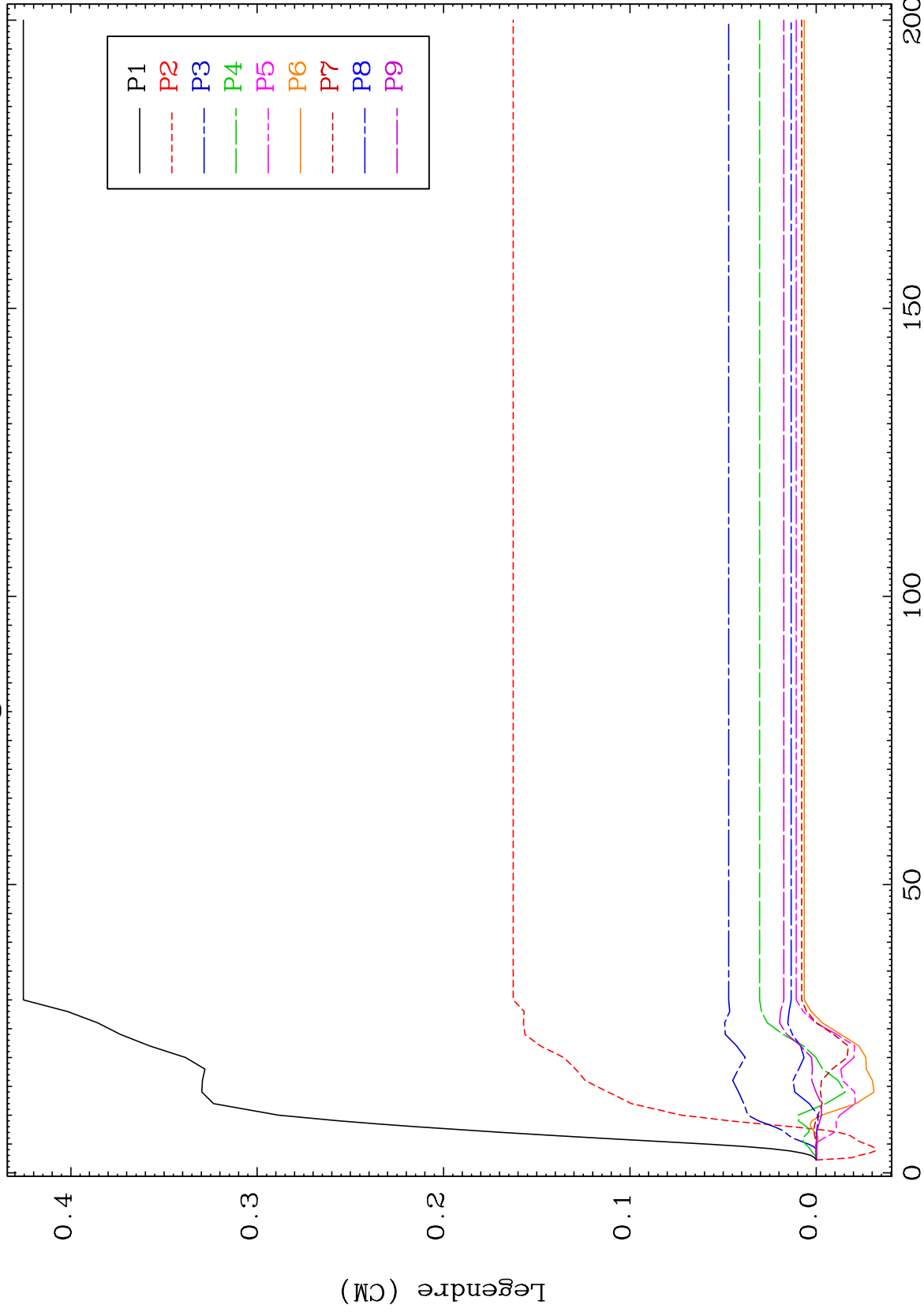
MAT 4631 MT= 66 (n,n') Level Legendre Coefficients 46-Pd-104



MAT 4631

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

46-Pd-104



78

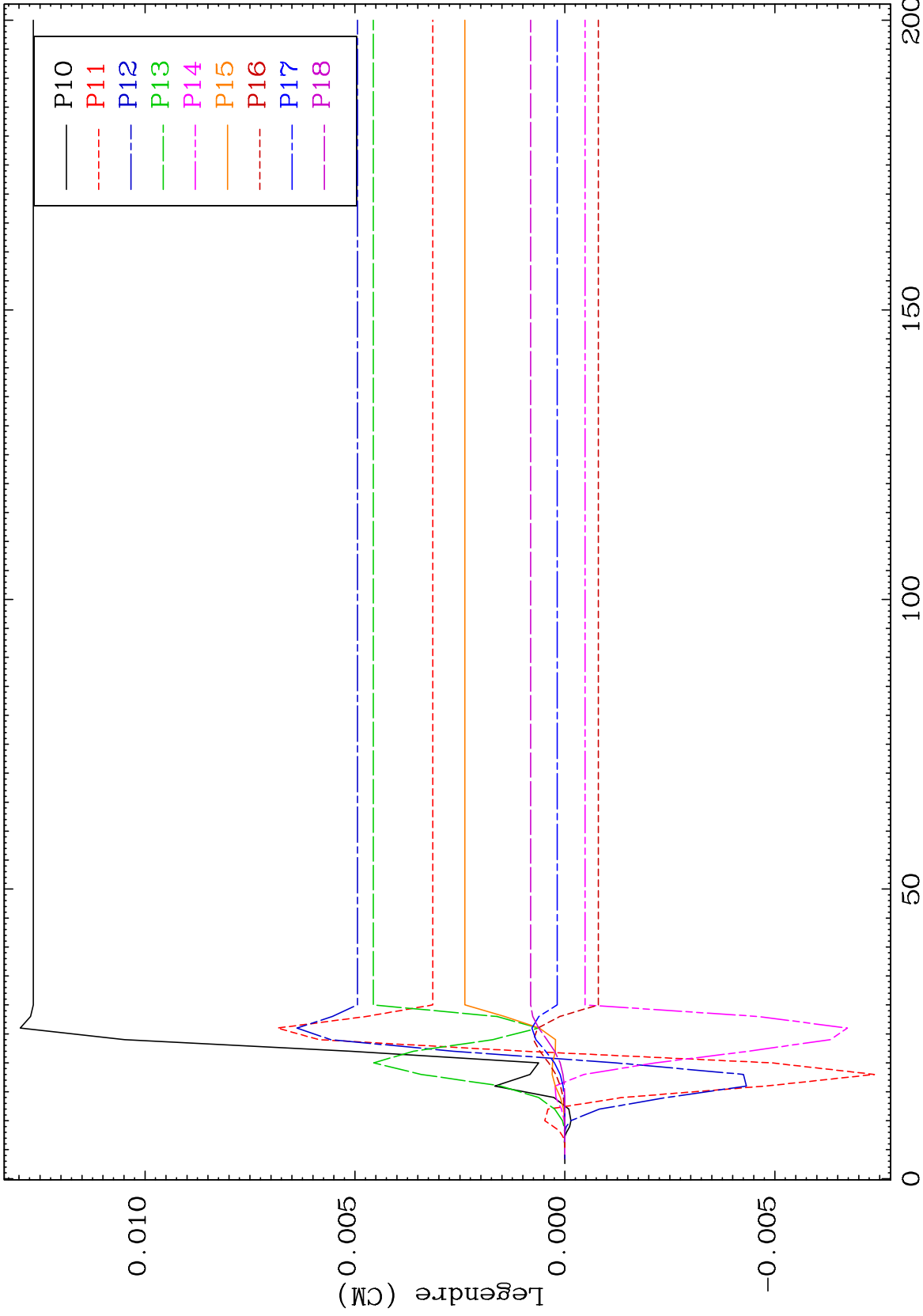
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



79

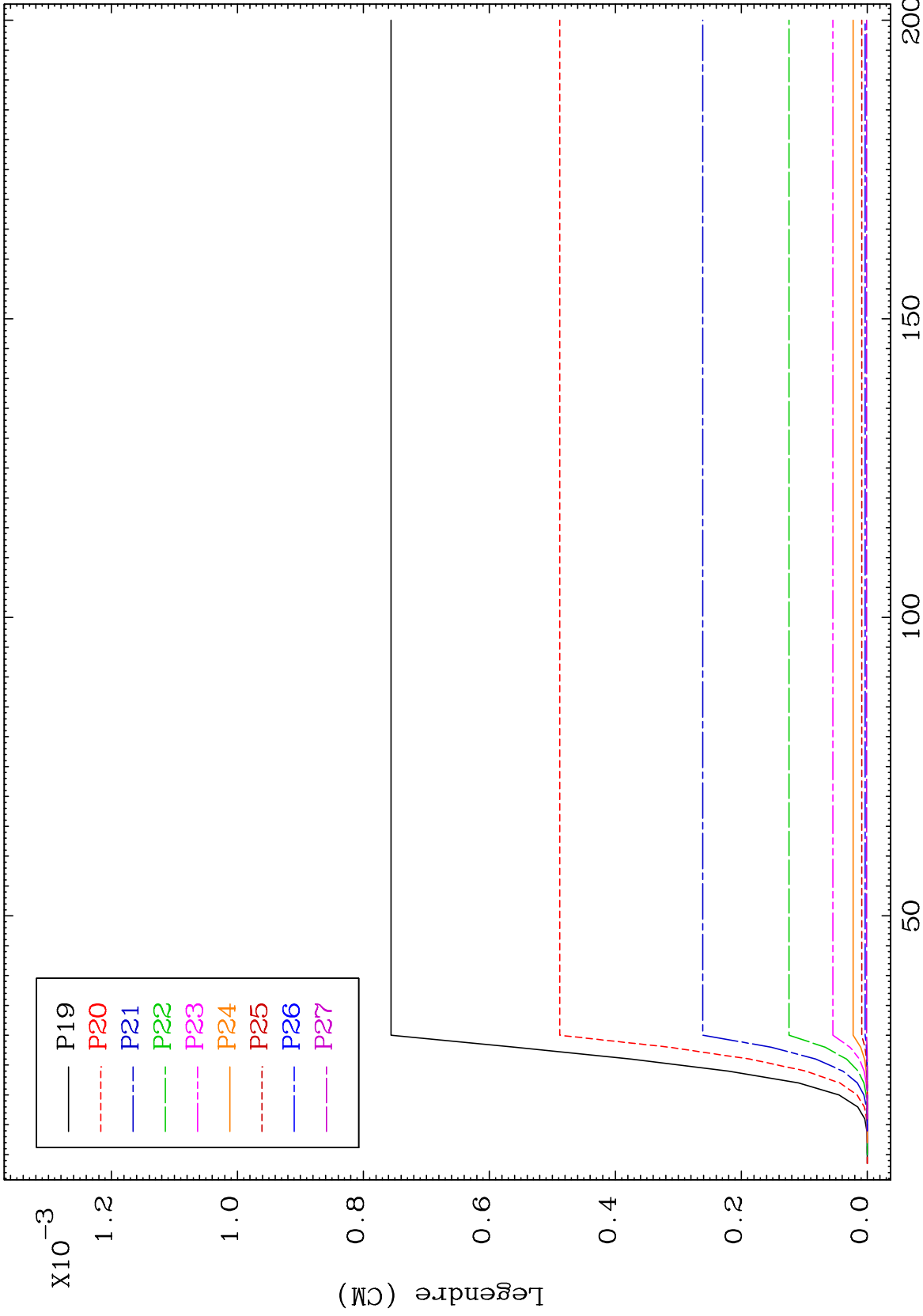
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



80

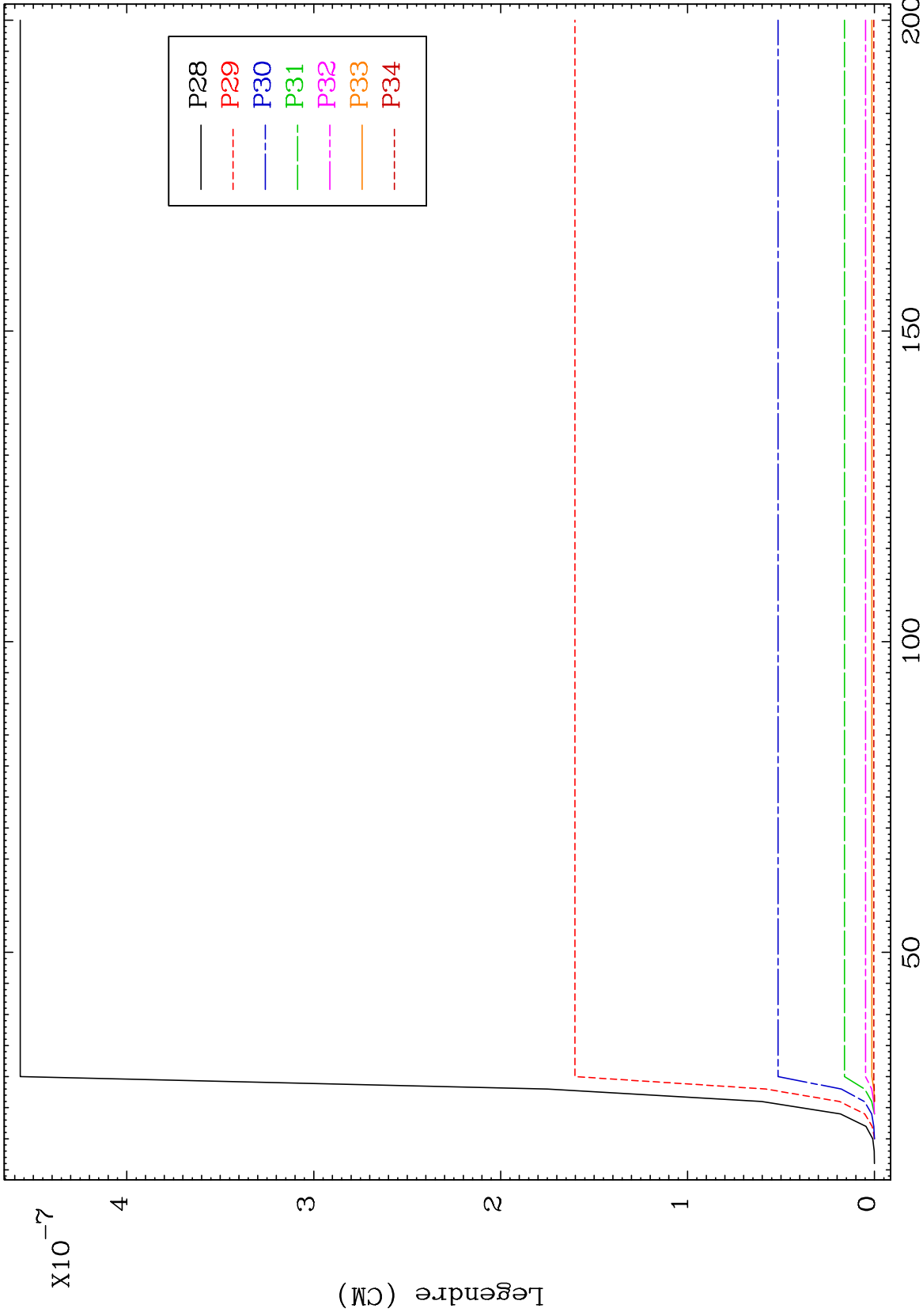
Incident Energy (MeV)

46-Pd-104

MAT 4631

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

46-Pd-104



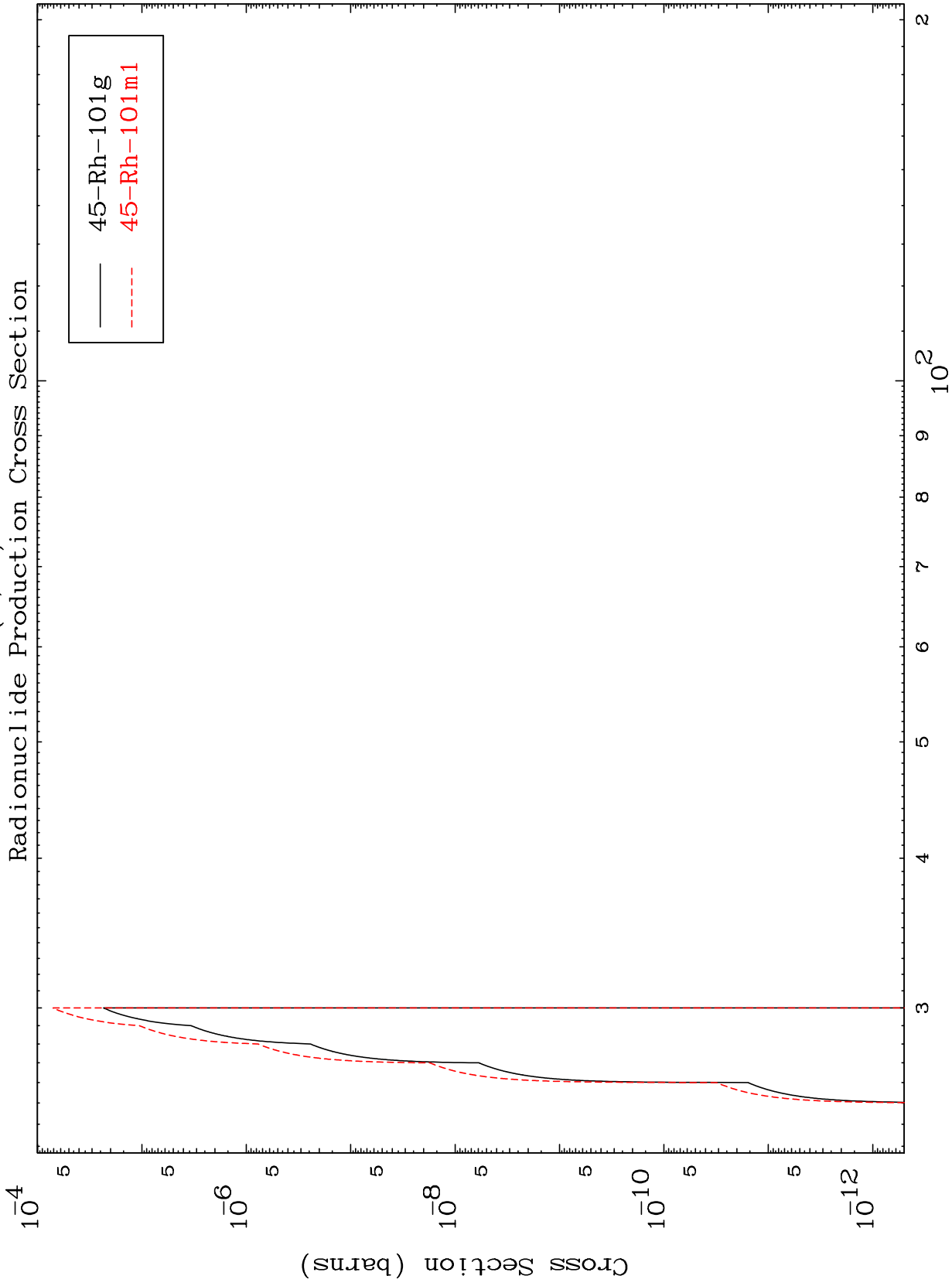
81

46-Pd-104

MAT 4631

(n,2n) d

46-Pd-104



82

Incident Energy (MeV)

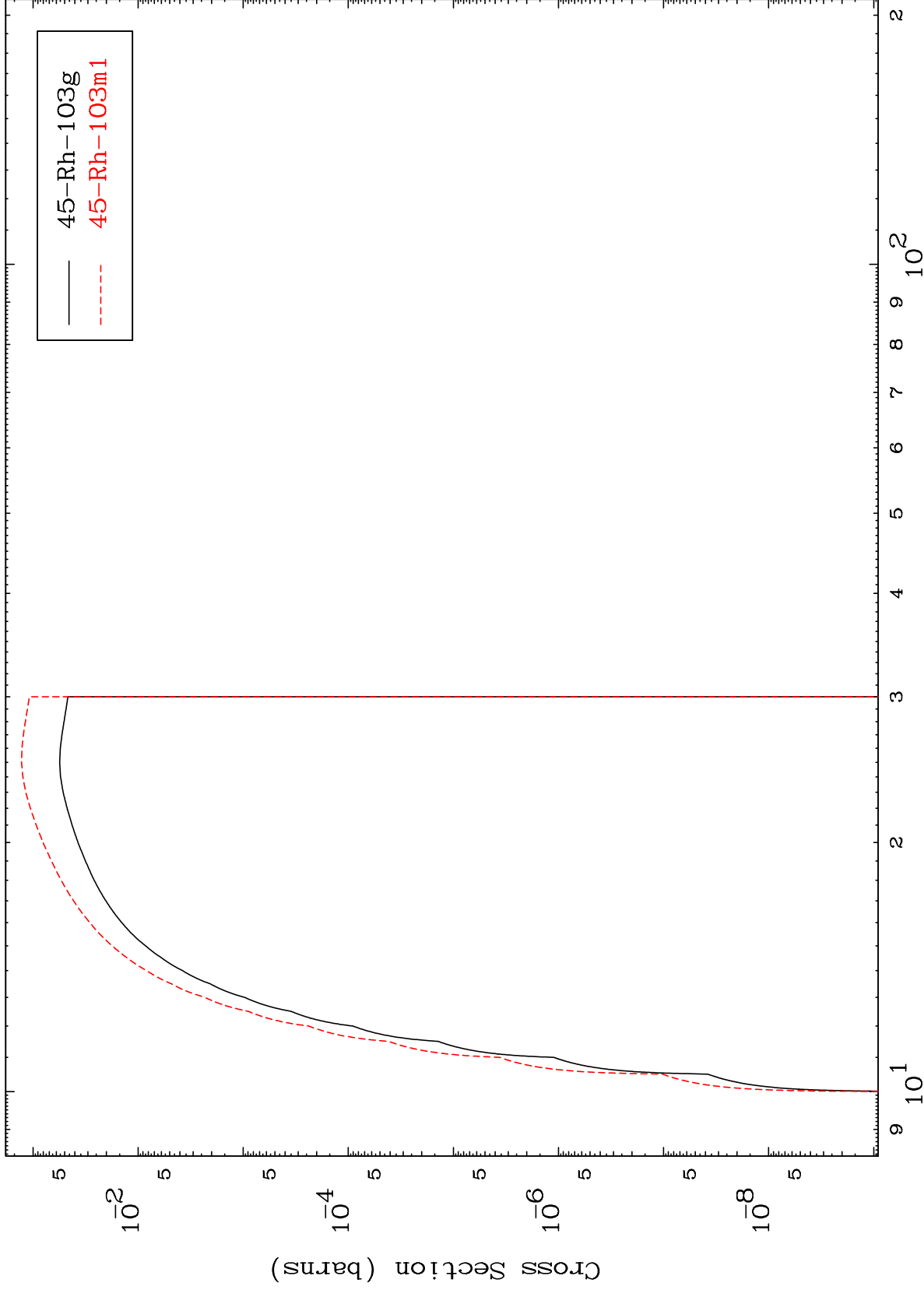
46-Pd-104

MAT 4631

(n,n') p

46-Pd-104

Radionuclide Production Cross Section



83

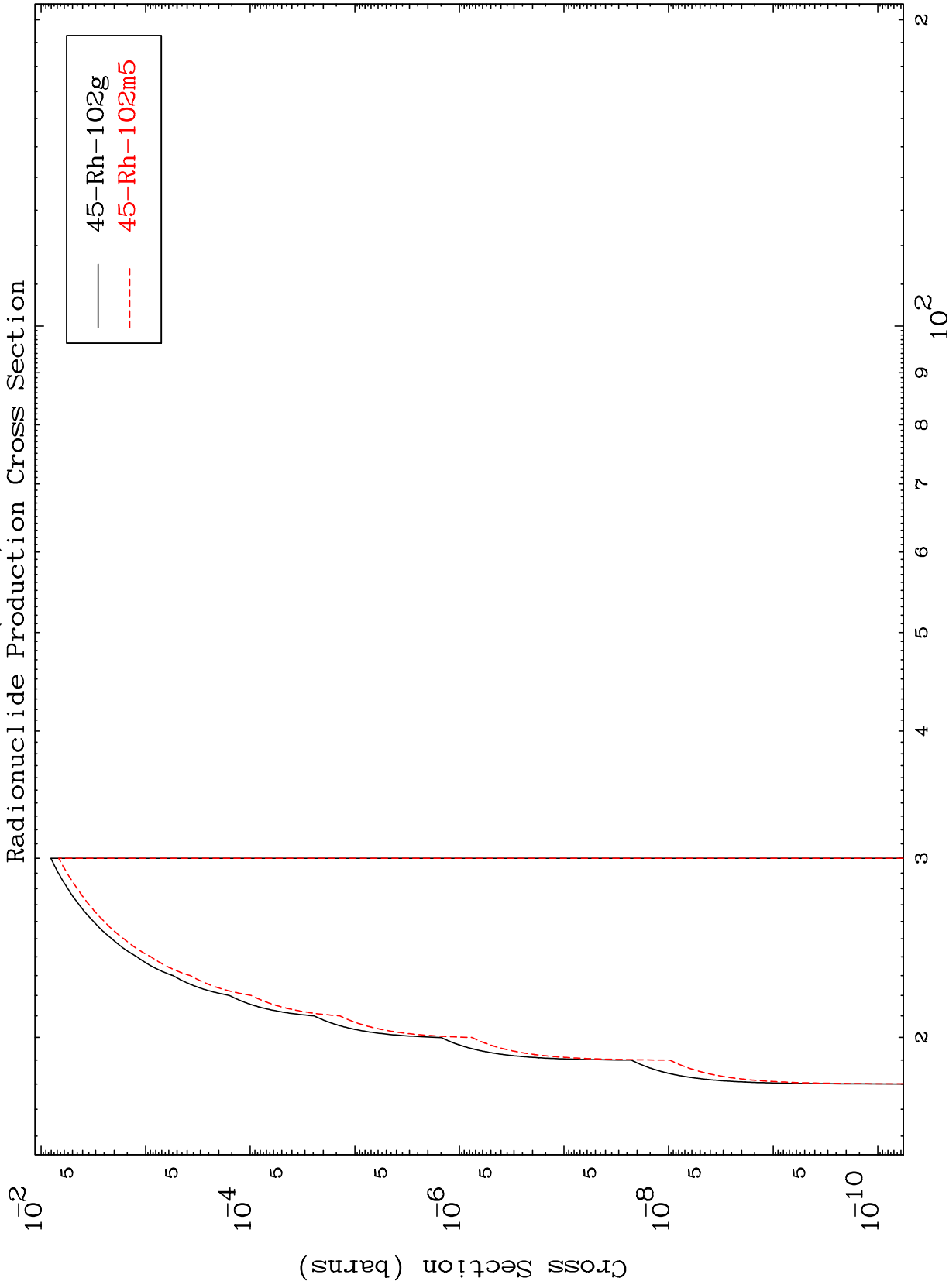
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,n') d

46-Pd-104



84

Incident Energy (MeV)

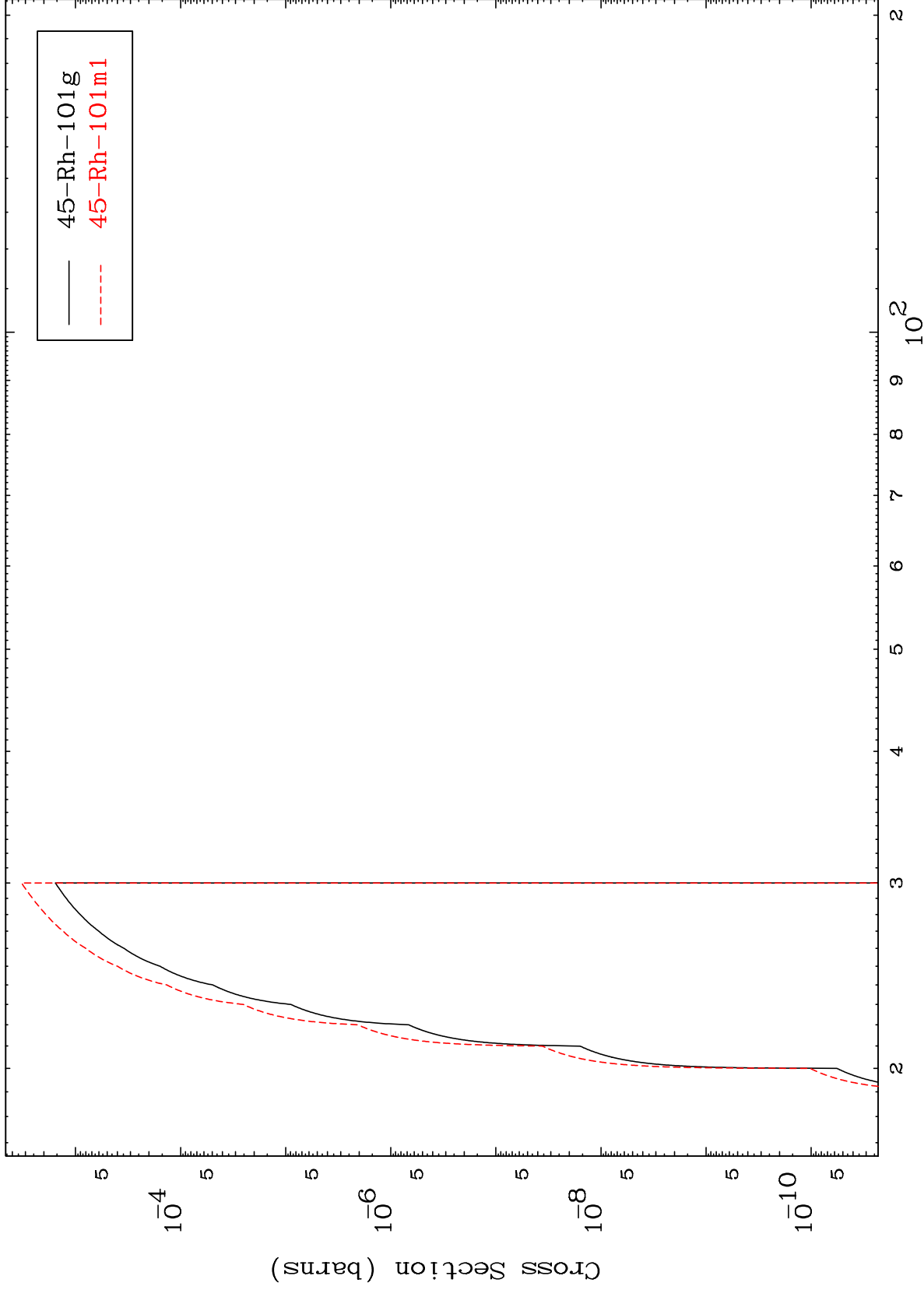
46-Pd-104

MAT 4631

(n,n') t

46-Pd-104

Radionuclide Production Cross Section



85

Incident Energy (MeV)

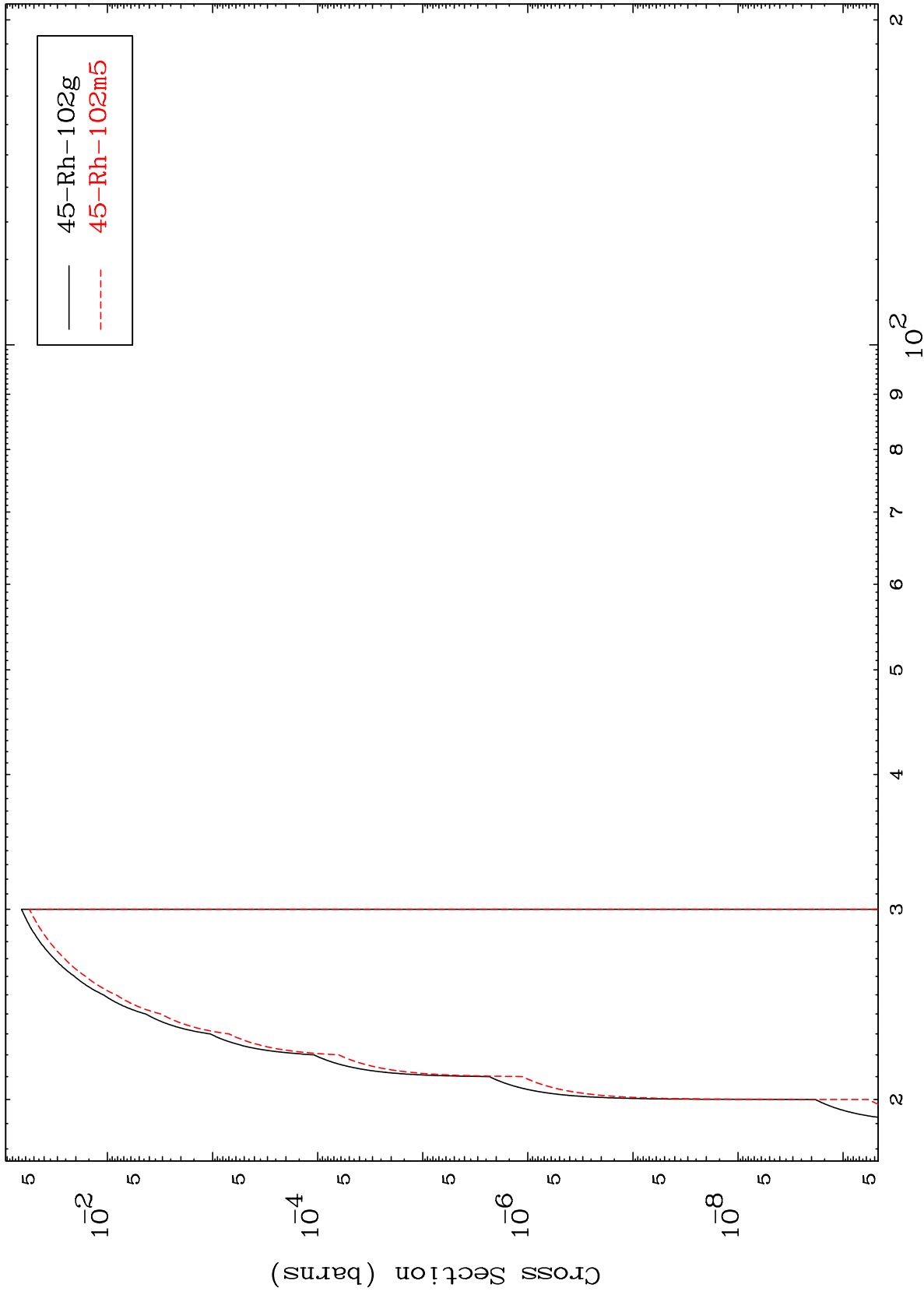
46-Pd-104

MAT 4631

(n,2n) p

46-Pd-104

Radionuclide Production Cross Section



86

Incident Energy (MeV)

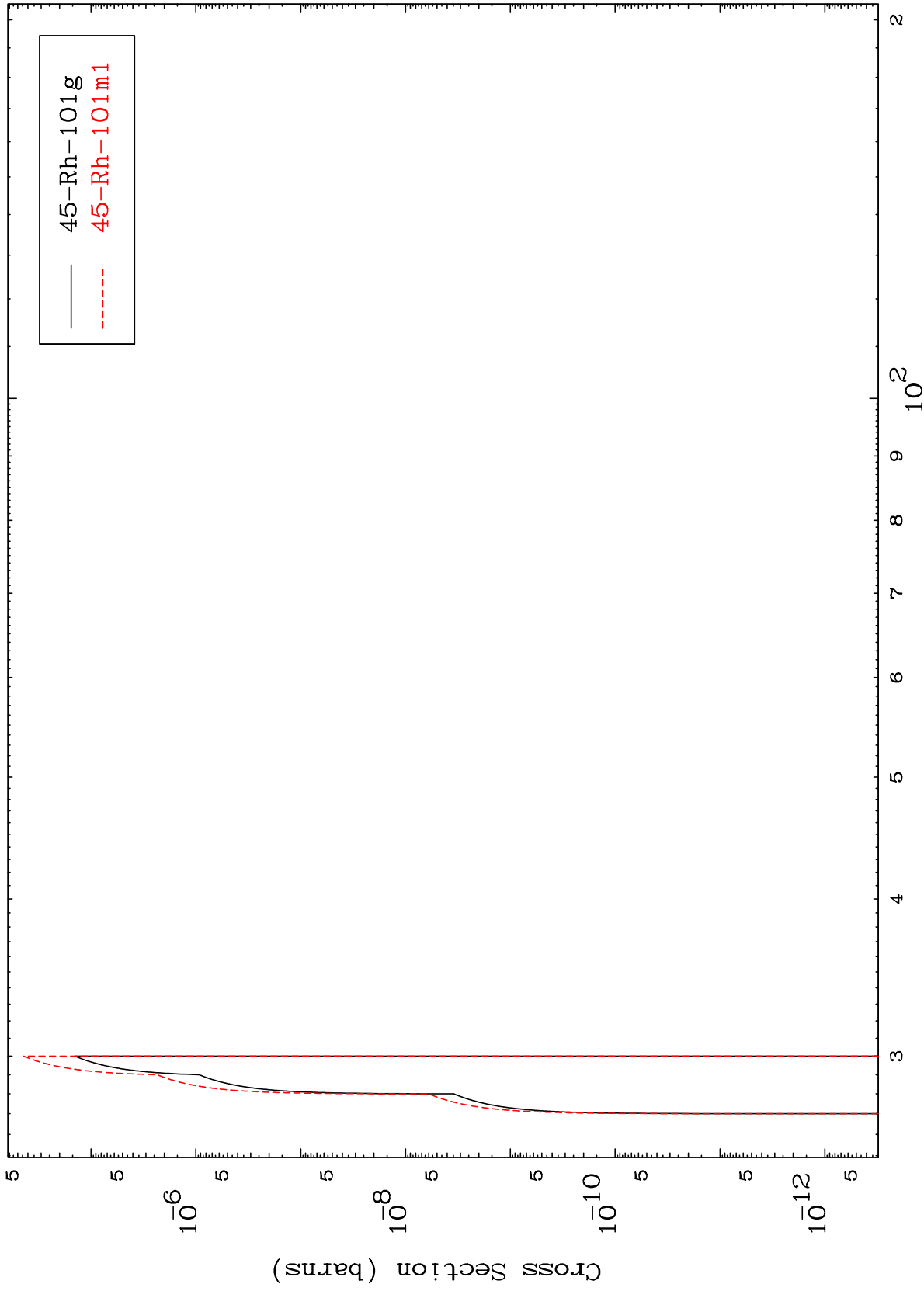
46-Pd-104

MAT 4631

(n,3n) p

46-Pd-104

Radionuclide Production Cross Section



87

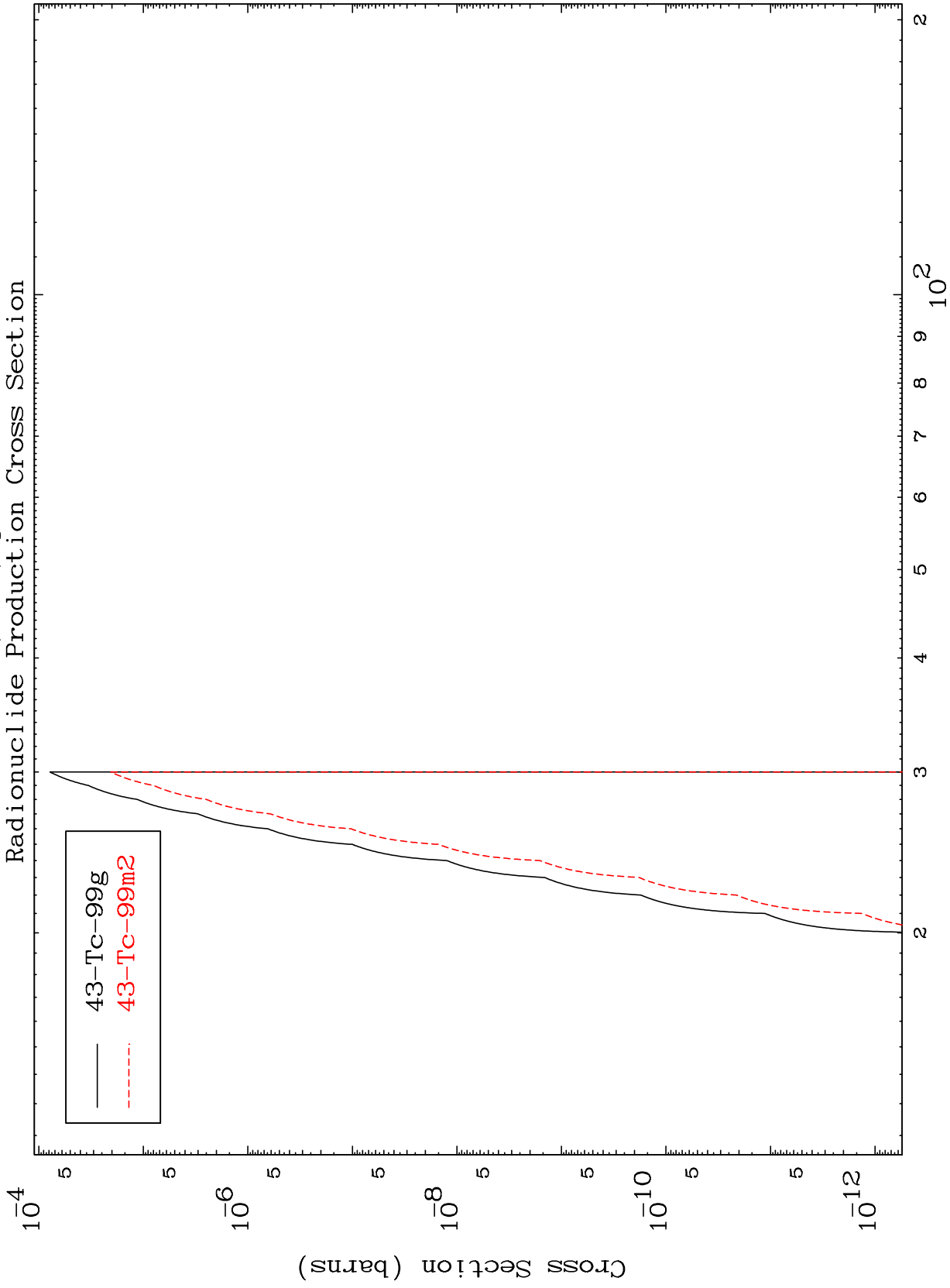
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n,n') p α
Radionuclide Production Cross Section



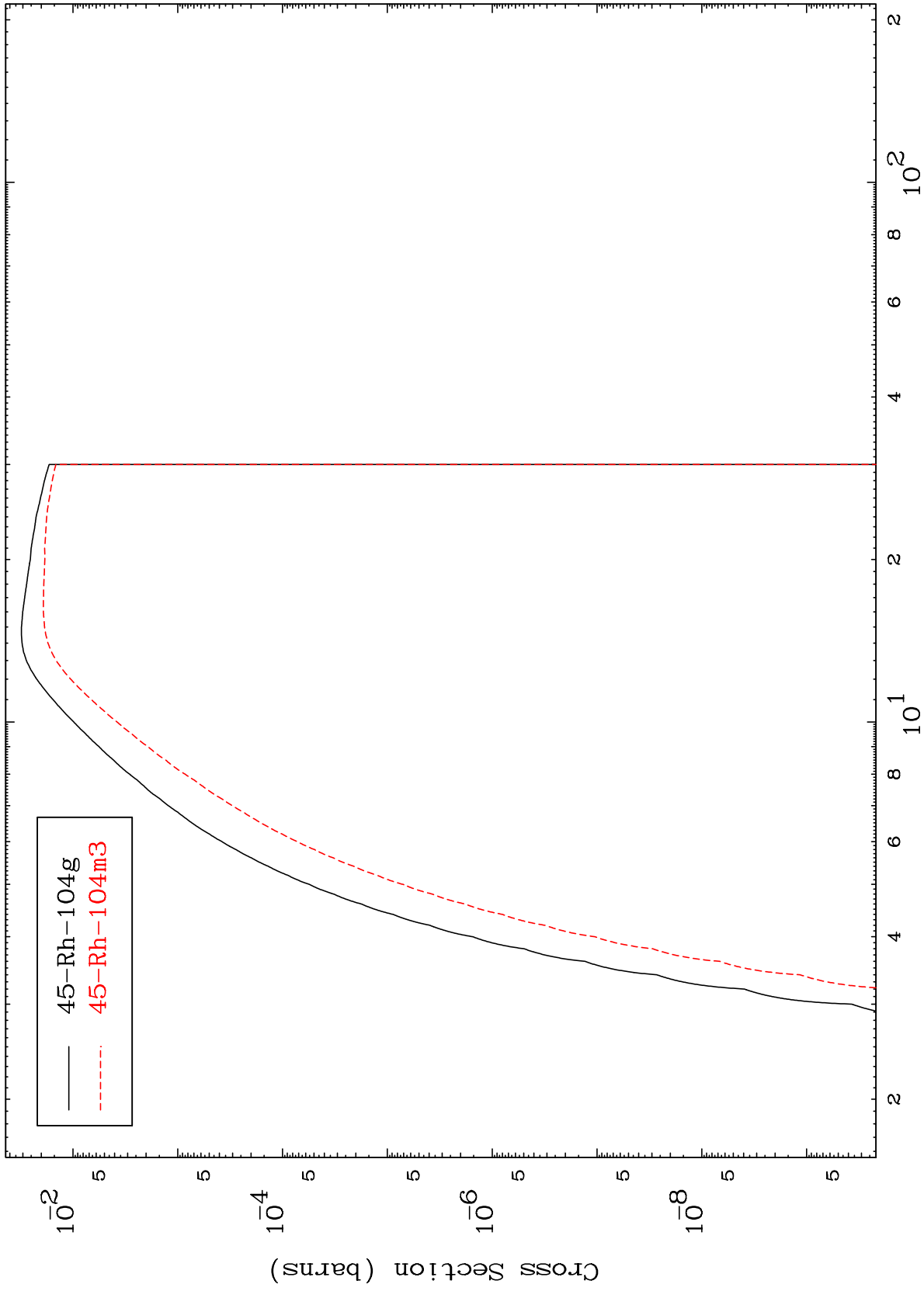
88

46-Pd-104

MAT 4631

46-Pd-104

(n,p)
Radionuclide Production Cross Section



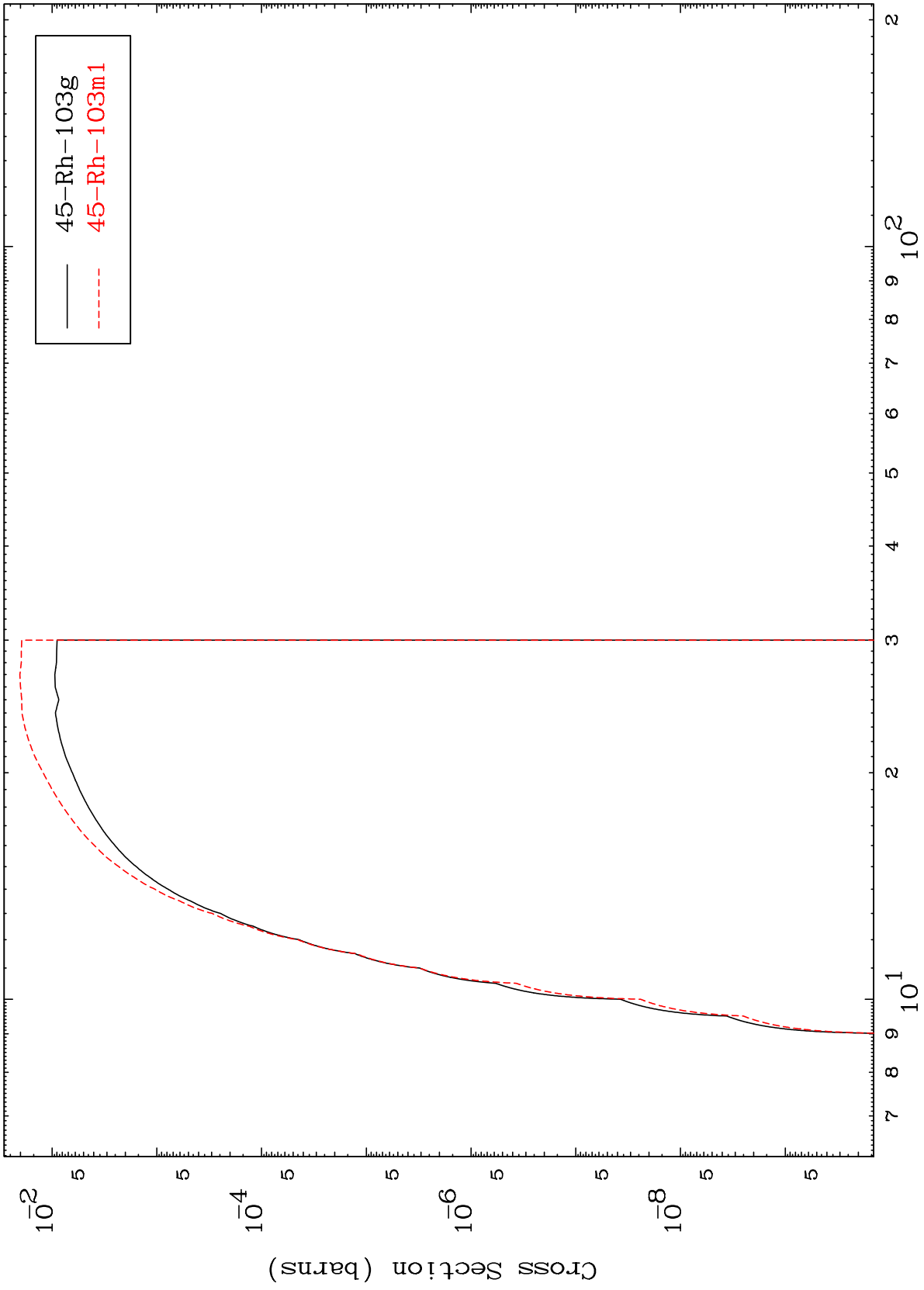
89

46-Pd-104

MAT 4631

46-Pd-104

(n,d)
Radionuclide Production Cross Section



90

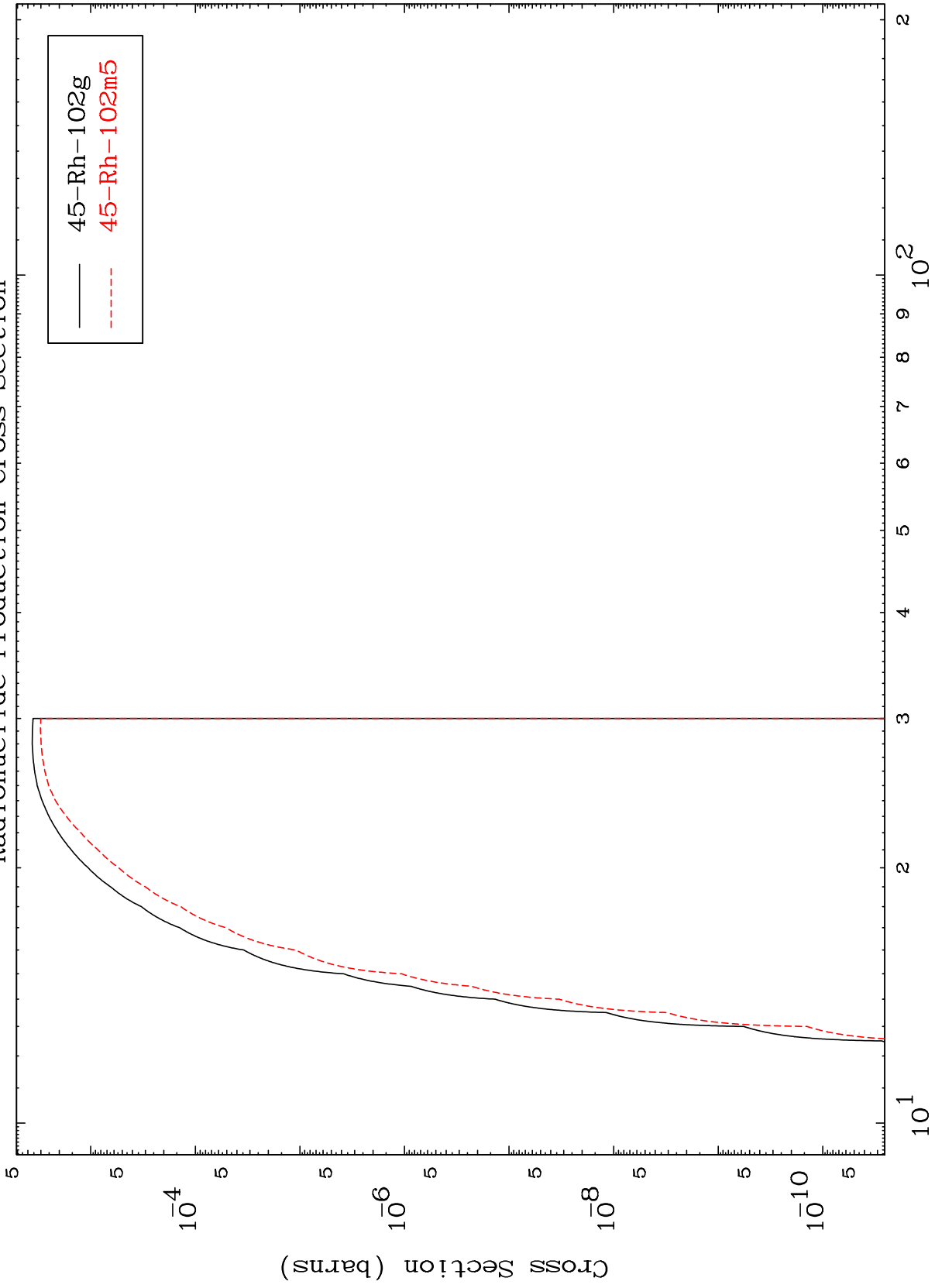
Incident Energy (MeV)

46-Pd-104

MAT 4631

46-Pd-104

(n, t)
Radionuclide Production Cross Section



91

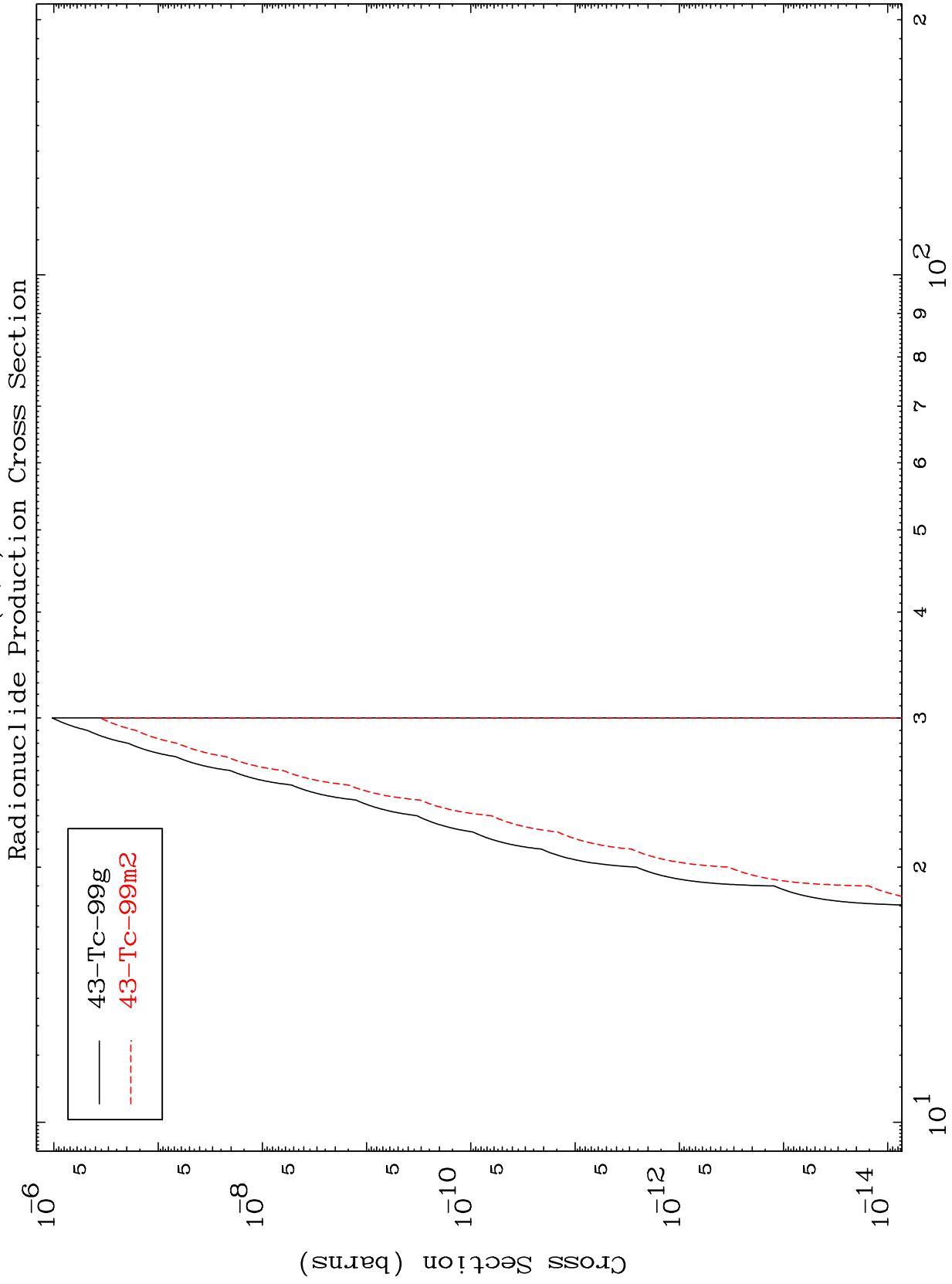
Incident Energy (MeV)

46-Pd-104

MAT 4631

(n,d) α

46-Pd-104



92

Incident Energy (MeV)

46-Pd-104