

Program EVALPLOT  
(Version 2018-1)

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

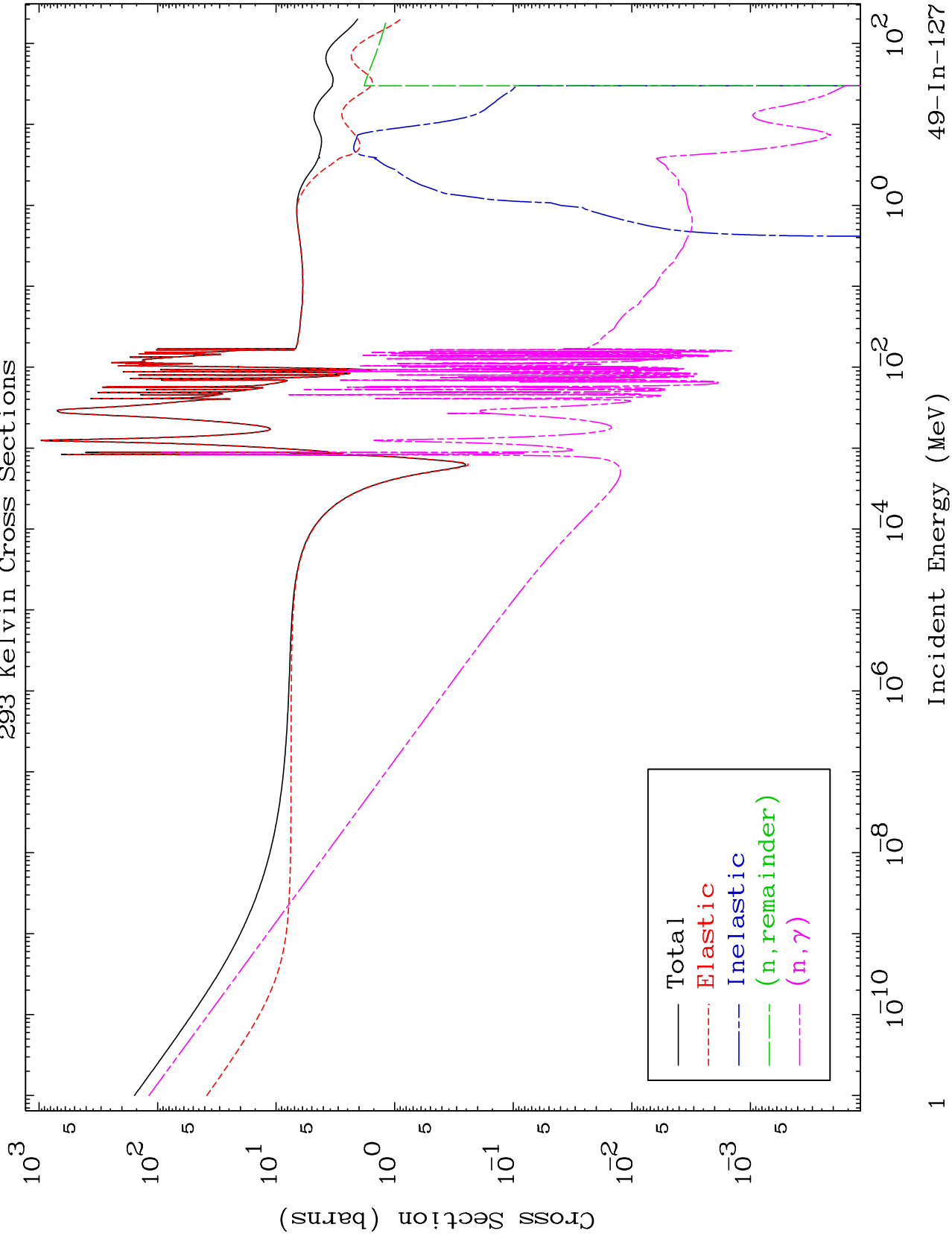
Press Mouse Button to Start

MAT 4967

Major

293 Kelvin Cross Sections

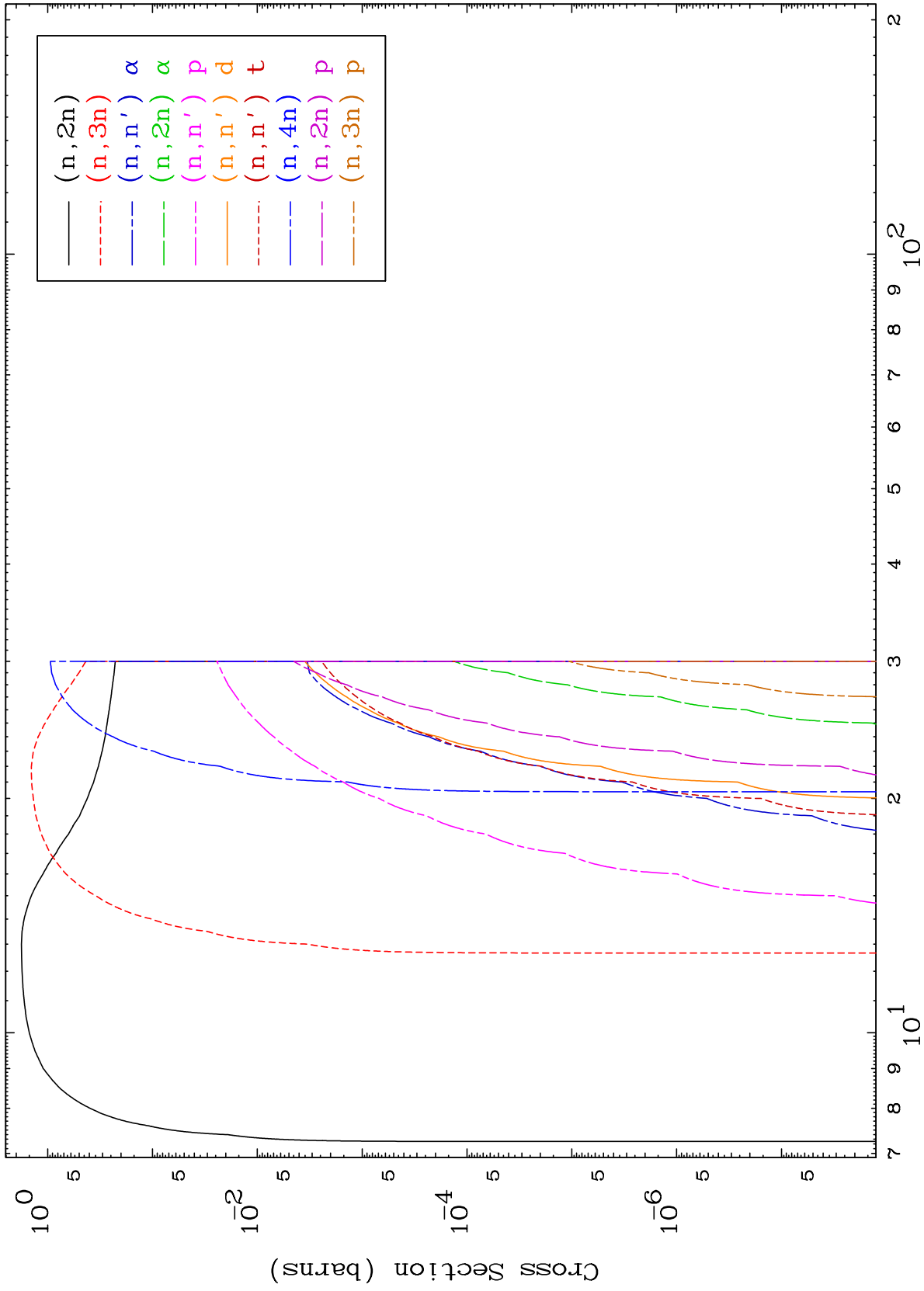
49-In-127



MAT 4967

Neutron Production  
293 Kelvin Cross Sections

49-In-127



2

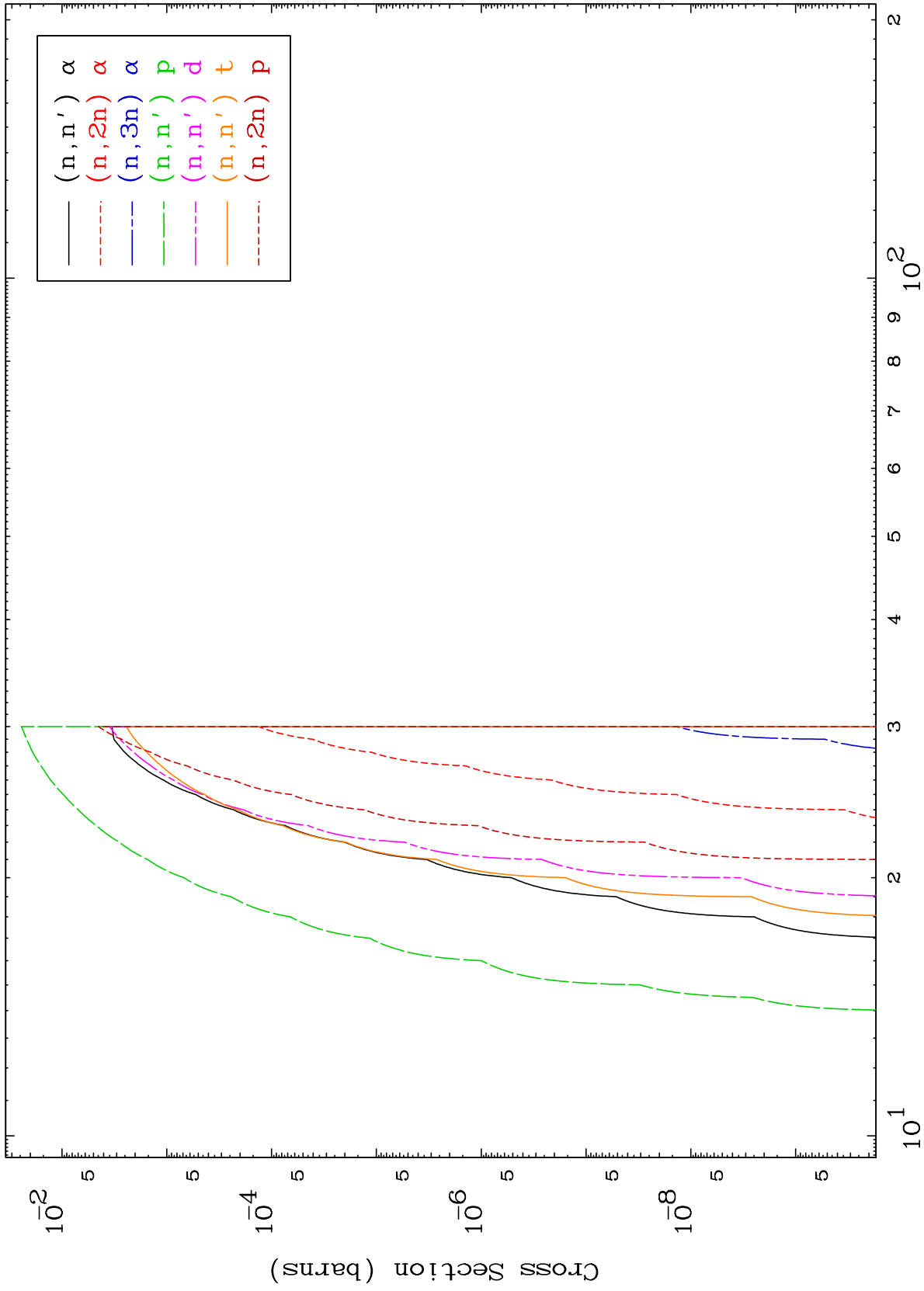
Incident Energy (MeV)

49-In-127

MAT 4967

Charged Particle  
293 Kelvin Cross Sections

49-In-127



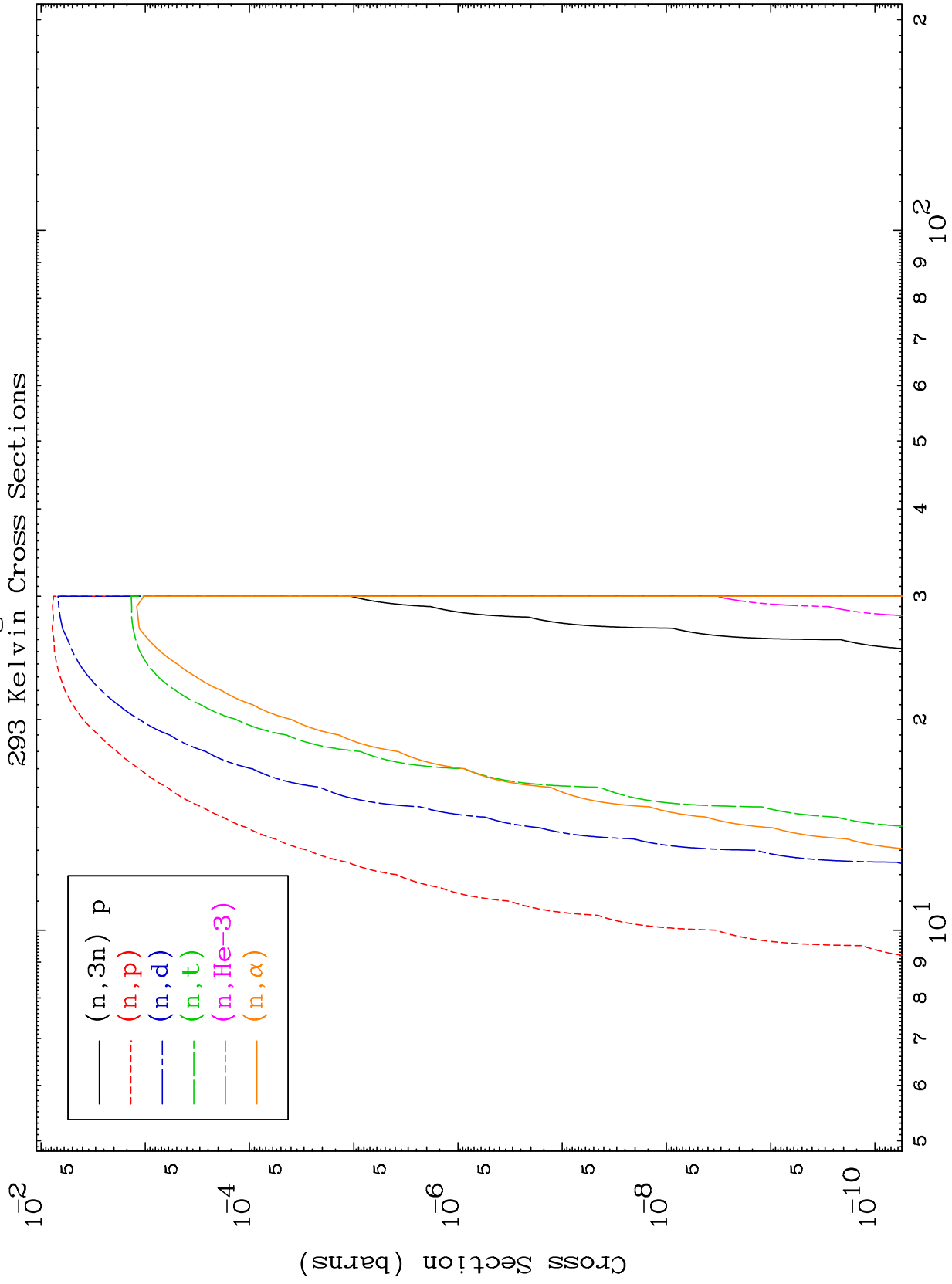
Incident Energy (MeV)

49-In-127

MAT 4967

Charged Particle  
293 Kelvin Cross Sections

49-In-127



4

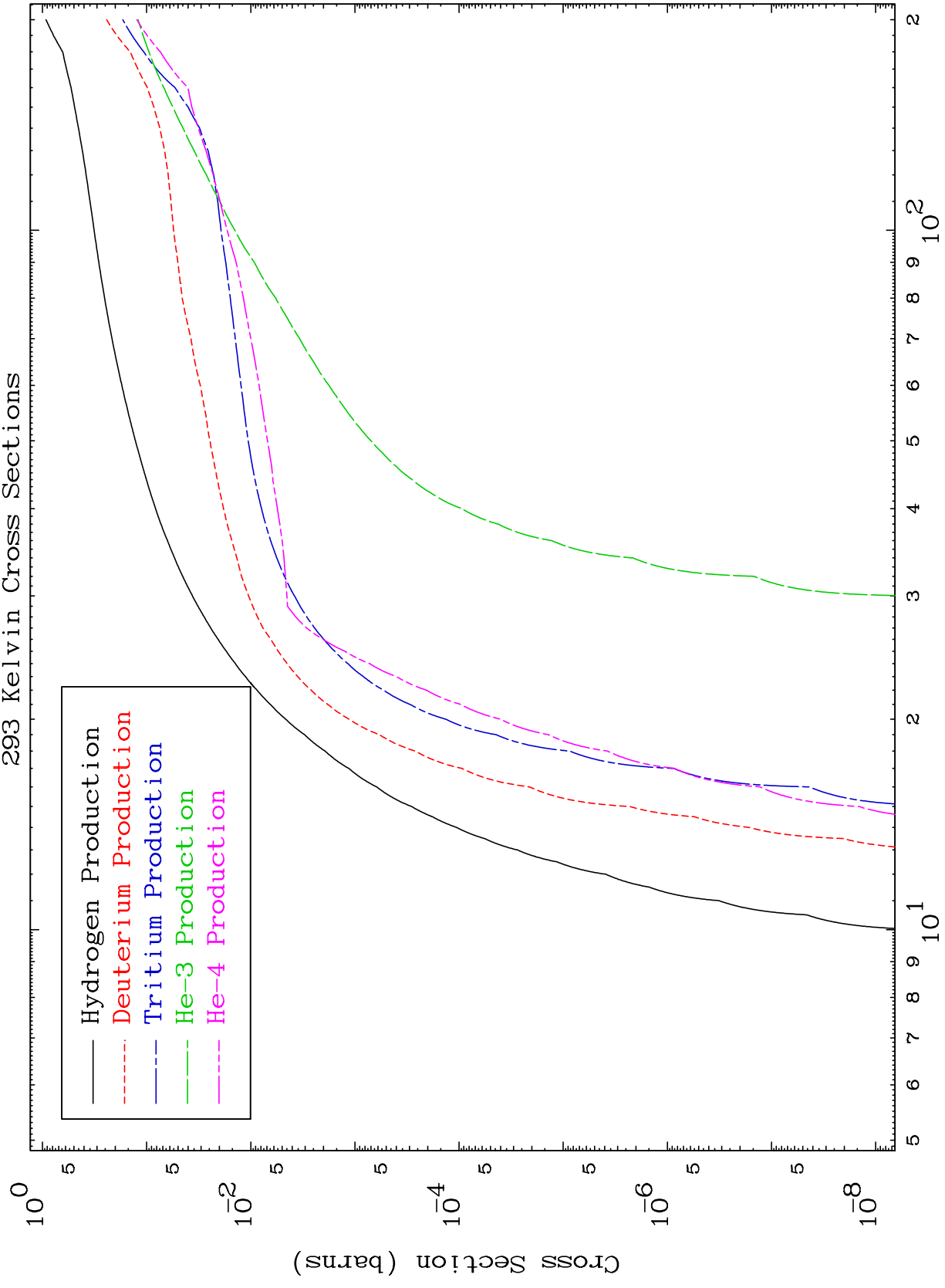
Incident Energy (MeV)

49-In-127

MAT 4967

Particle Production  
293 Kelvin Cross Sections

49-In-127



5

Incident Energy (MeV)

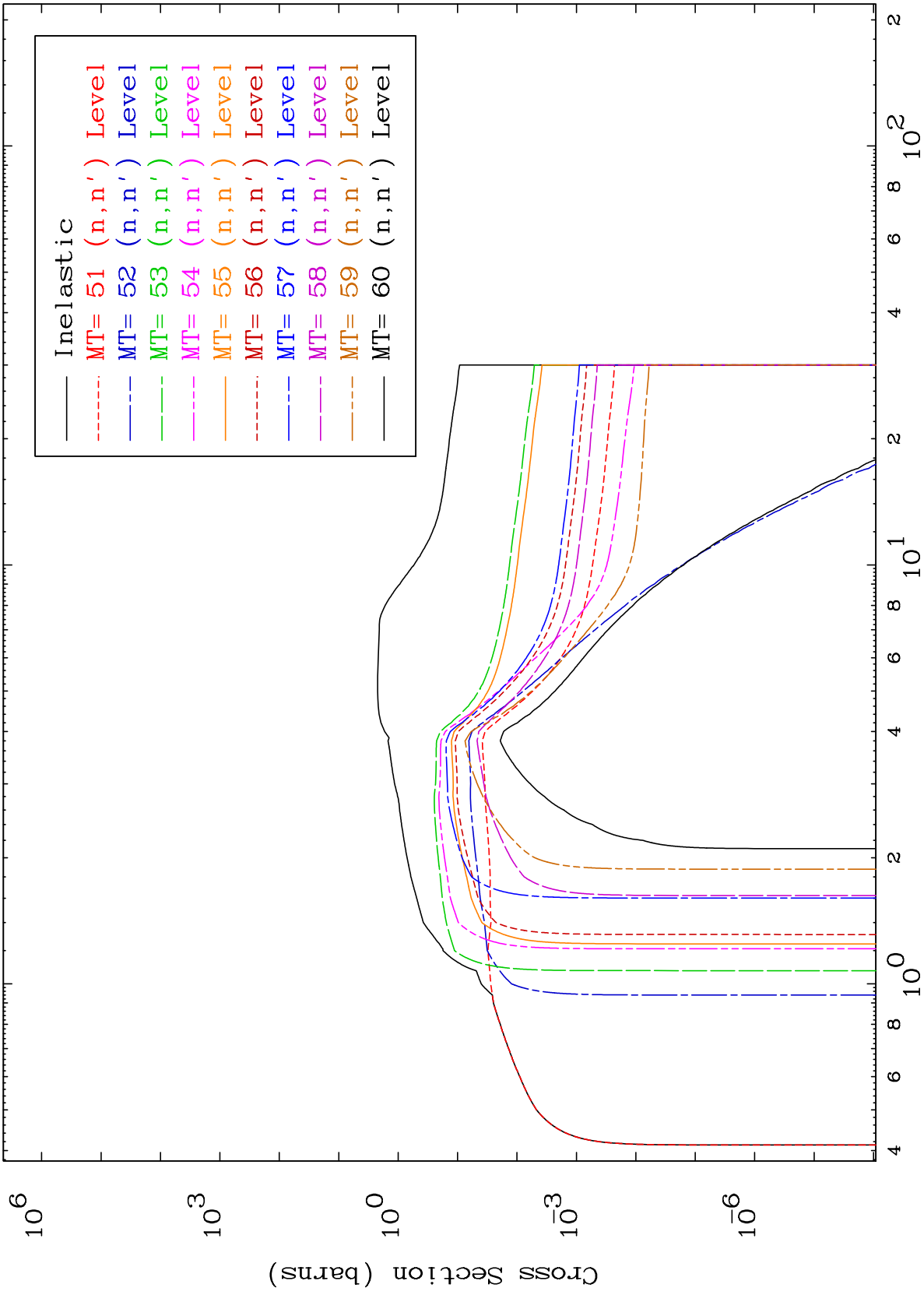
49-In-127

MAT 4967

(n,n') Level

49-In-127

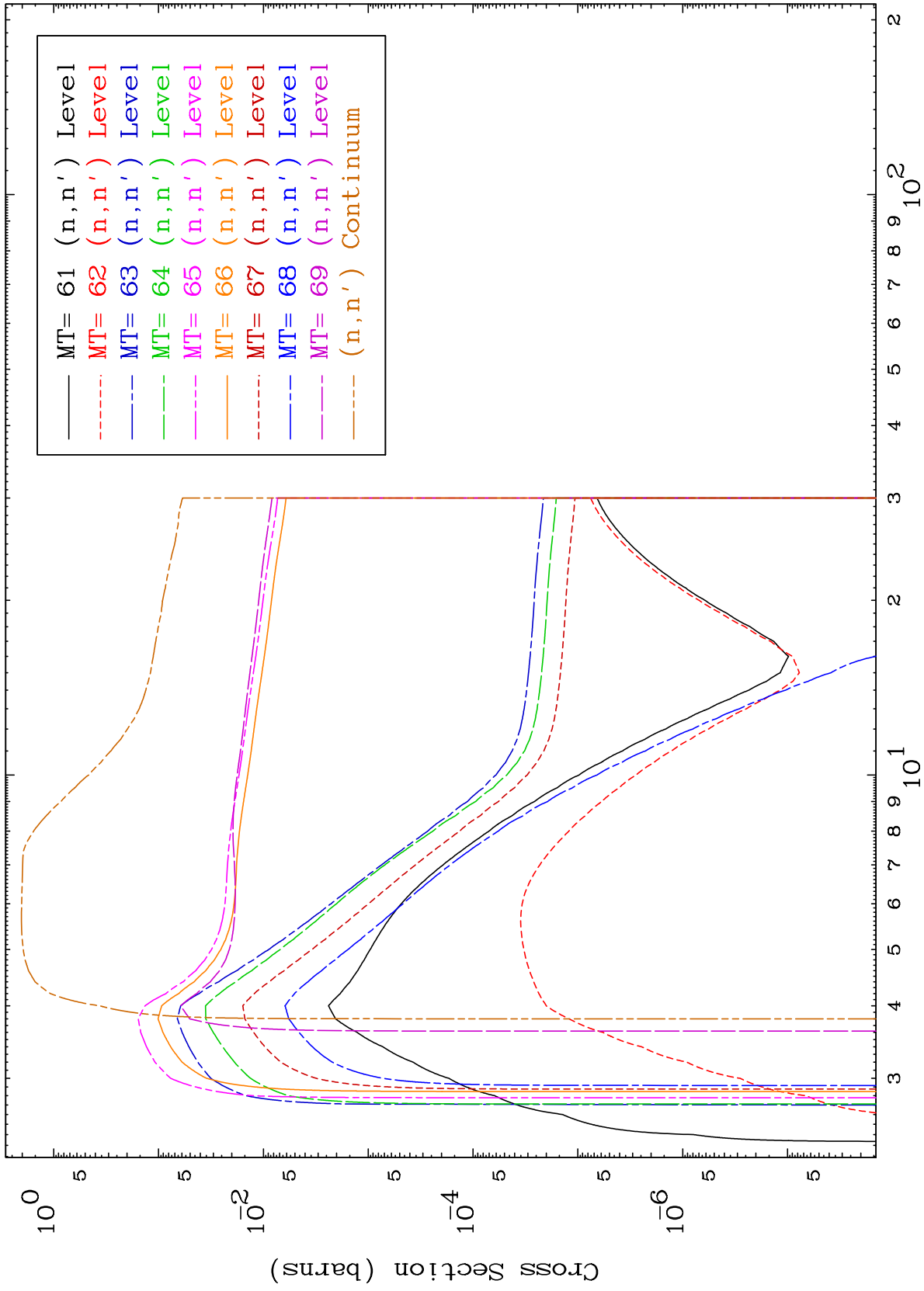
293 Kelvin Cross Sections



6

Incident Energy (MeV)

49-In-127

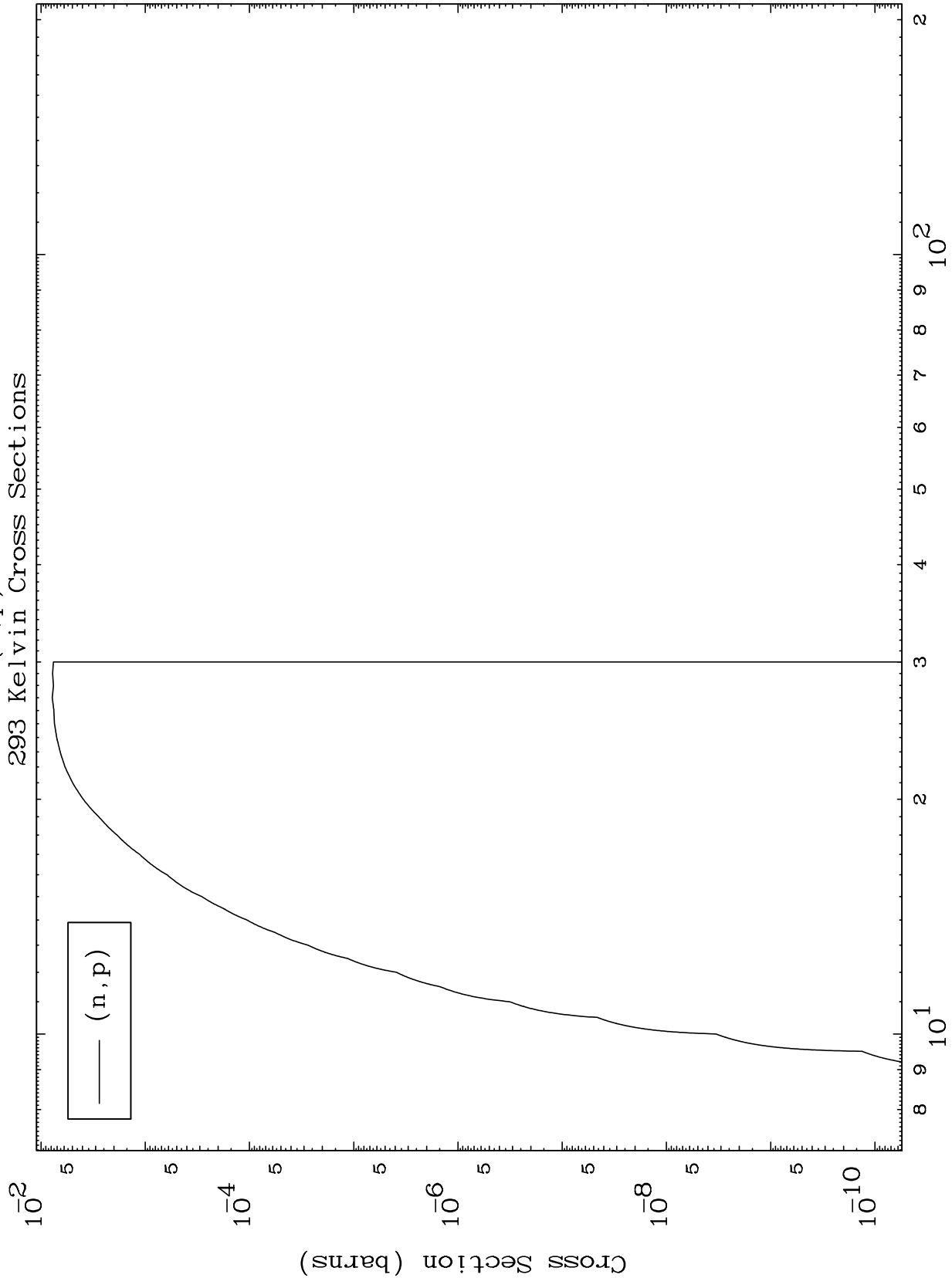




MAT 4967

(n,p) Levels  
293 Kelvin Cross Sections

49-In-127



8

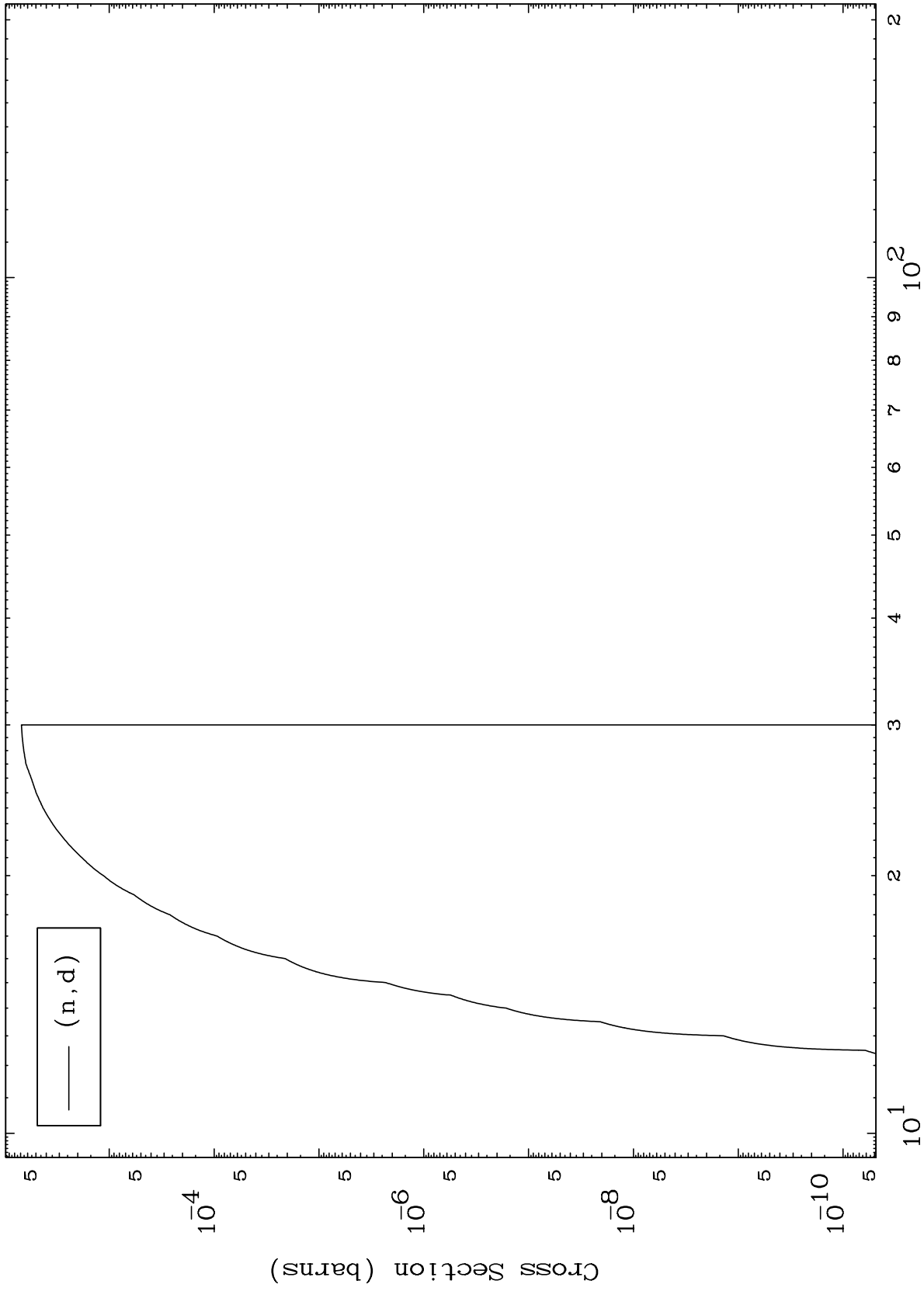
Incident Energy (MeV)

49-In-127

MAT 4967

(n,d) Levels  
293 Kelvin Cross Sections

49-In-127



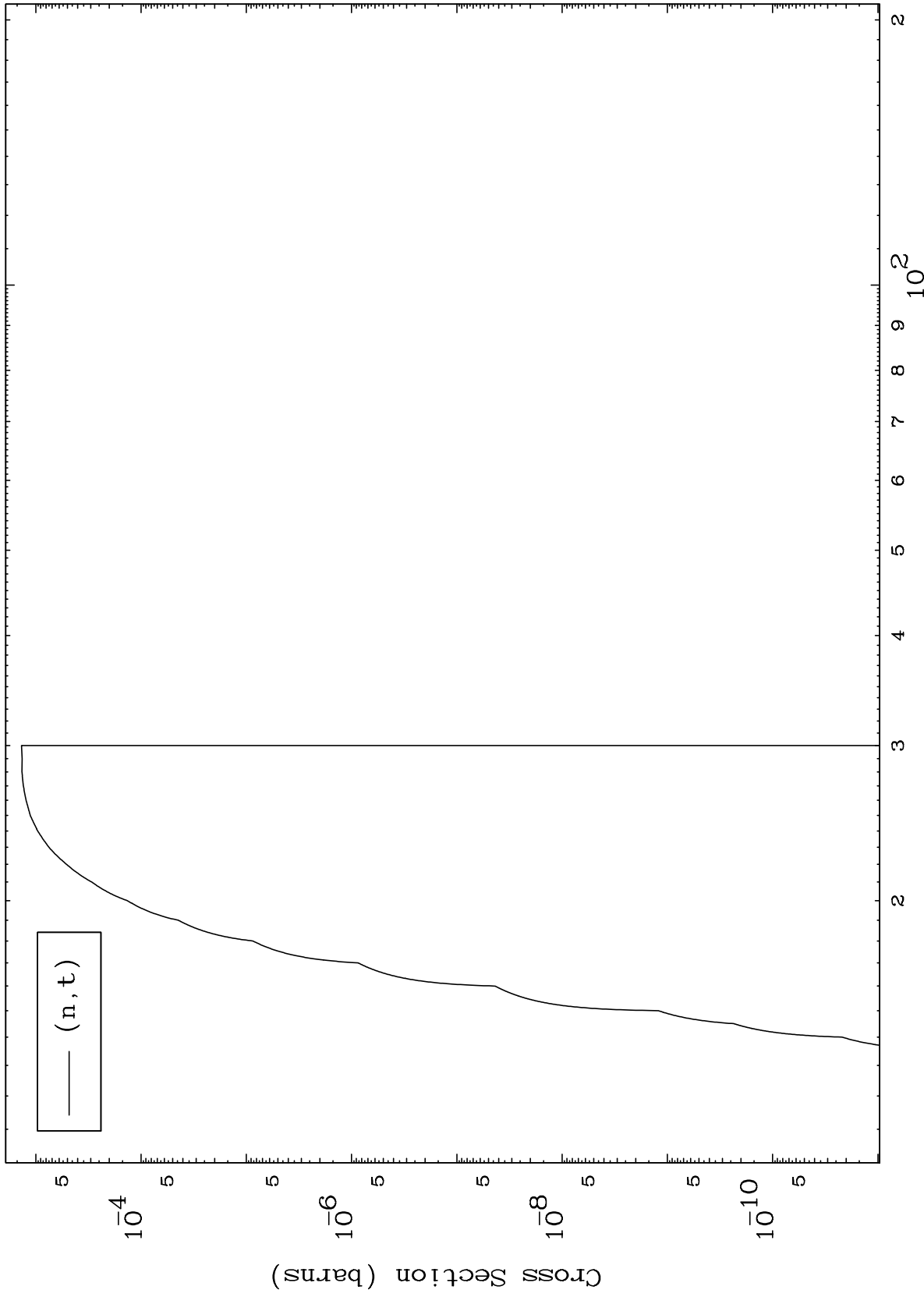
Incident Energy (MeV)

49-In-127

MAT 4967

(n,t) Levels  
293 Kelvin Cross Sections

49-In-127



10

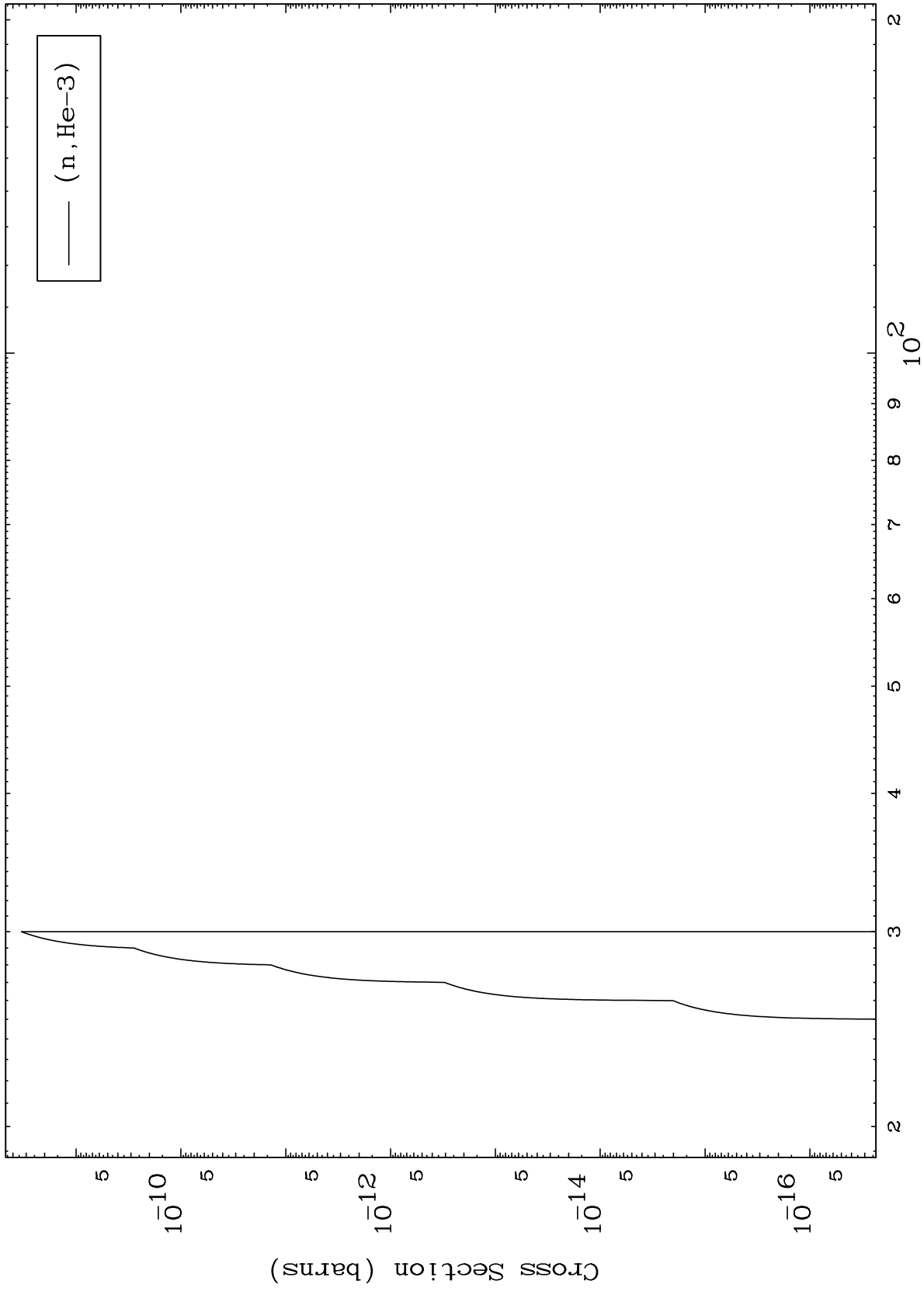
Incident Energy (MeV)

49-In-127

MAT 4967

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-127



11

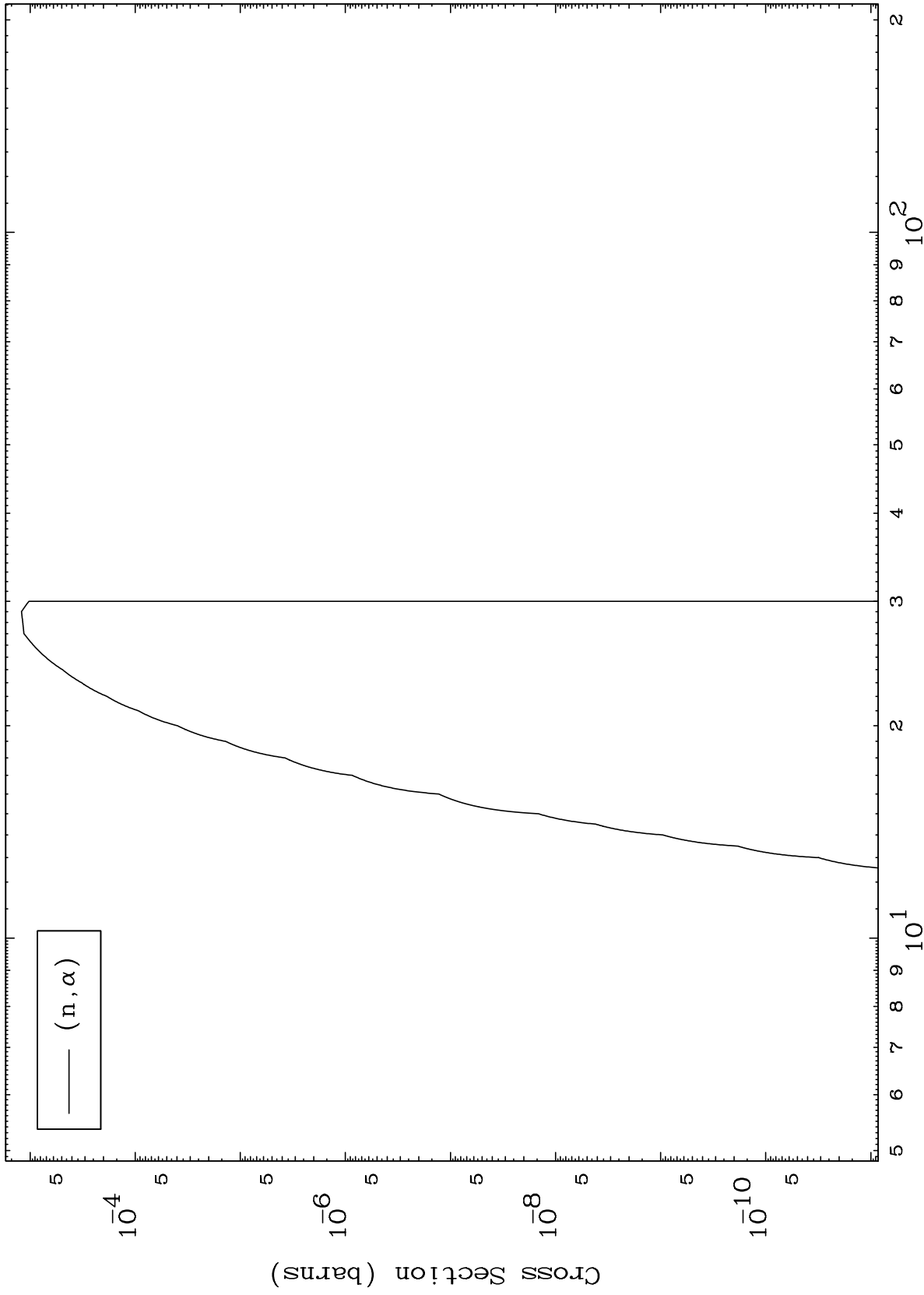
Incident Energy (MeV)

49-In-127

MAT 4967

(n,α) Levels  
293 Kelvin Cross Sections

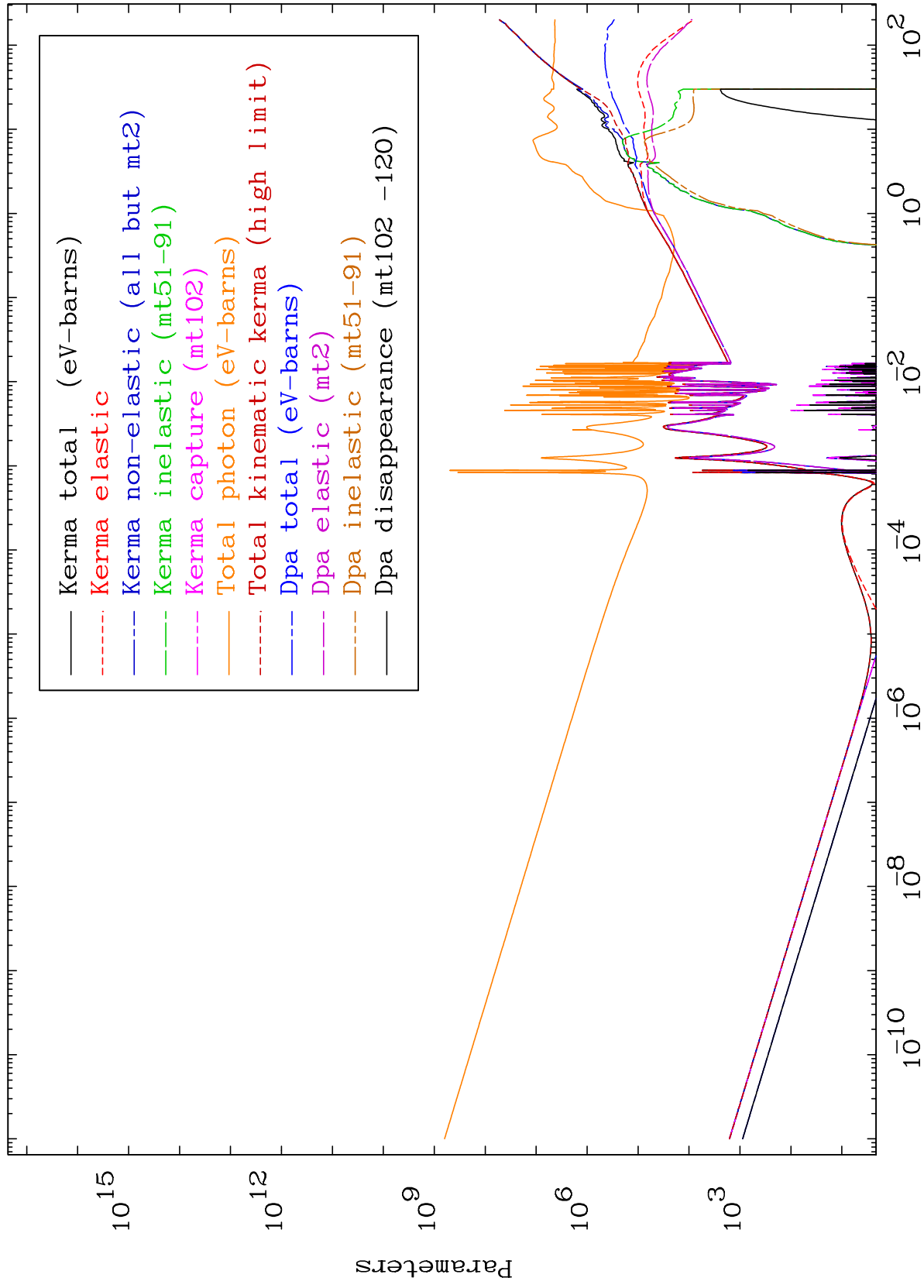
49-In-127



12

Incident Energy (MeV)

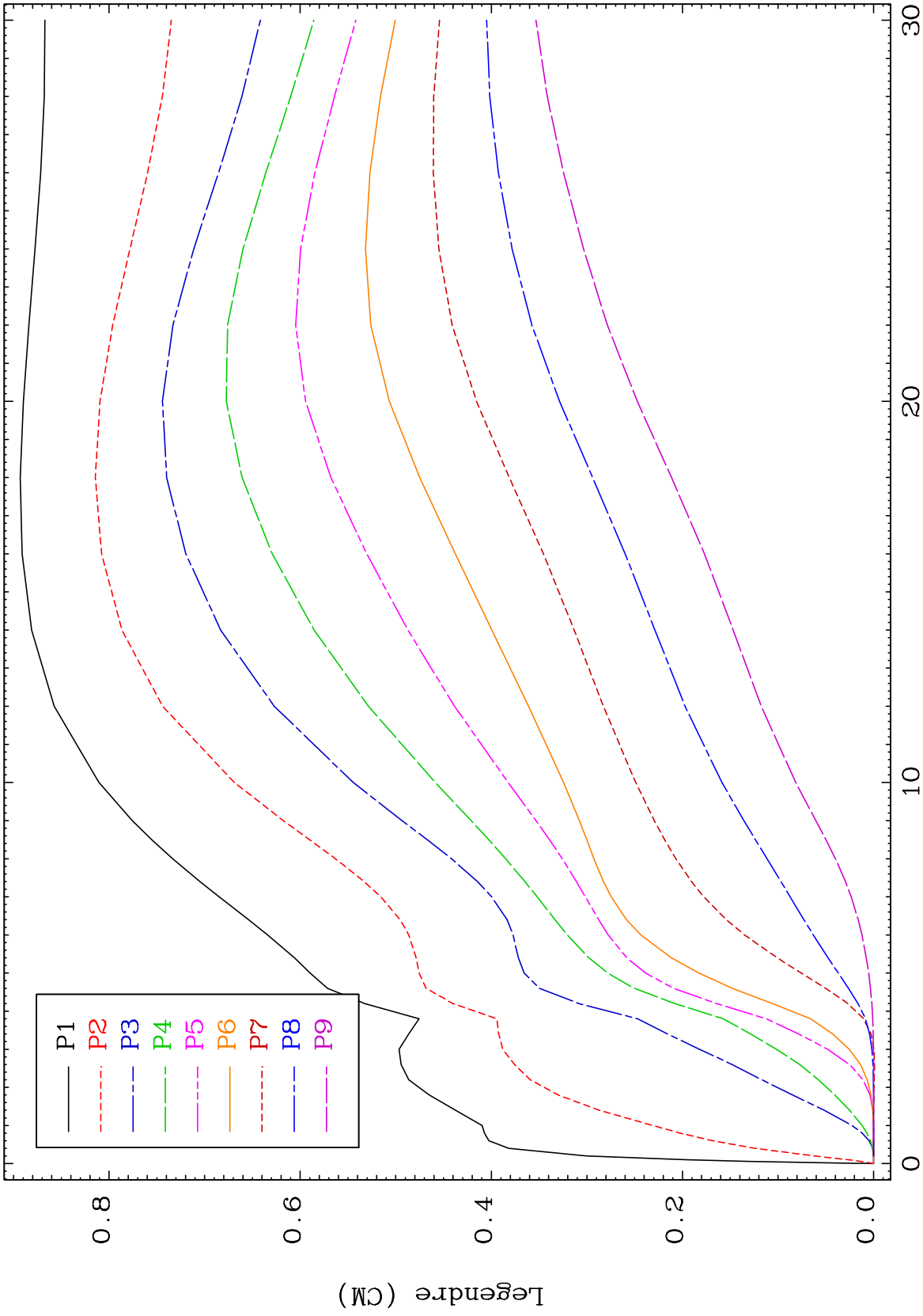
49-In-127



MAT 4967

Elastic Legendre Coefficients

49-In-127



14

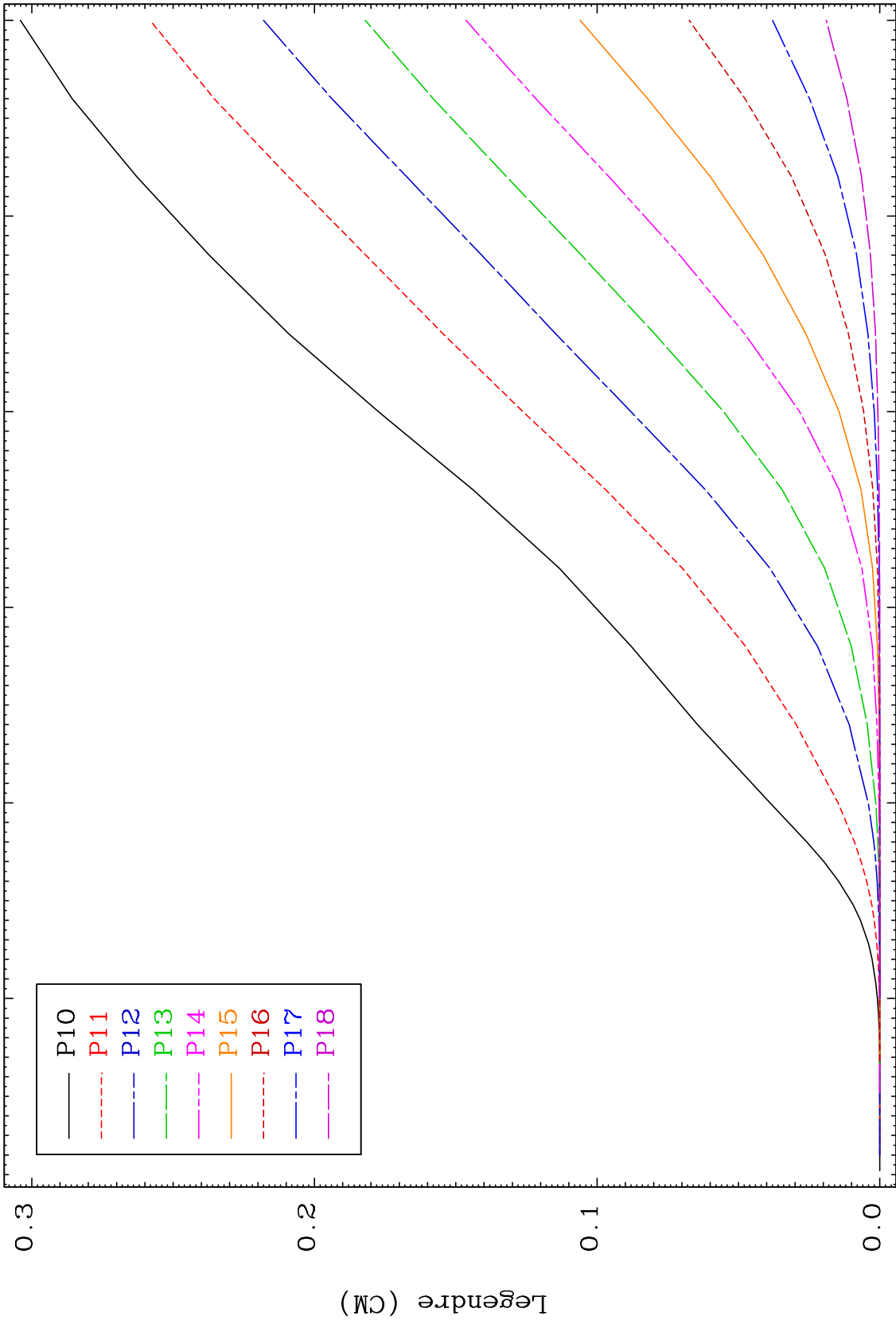
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



15

Incident Energy (MeV)

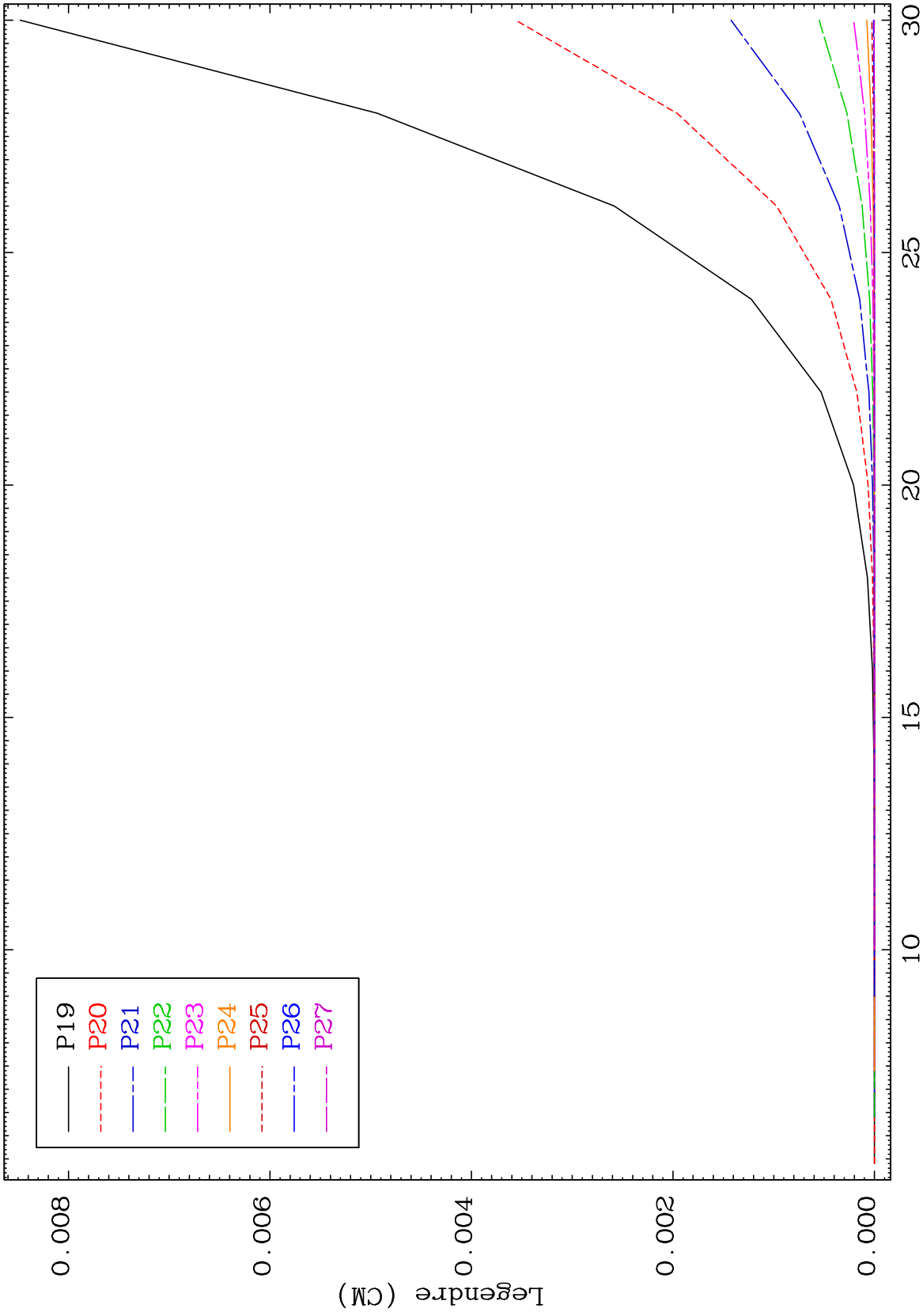
49-In-127



MAT 4967

### Elastic Legendre Coefficients

49-In-127



16

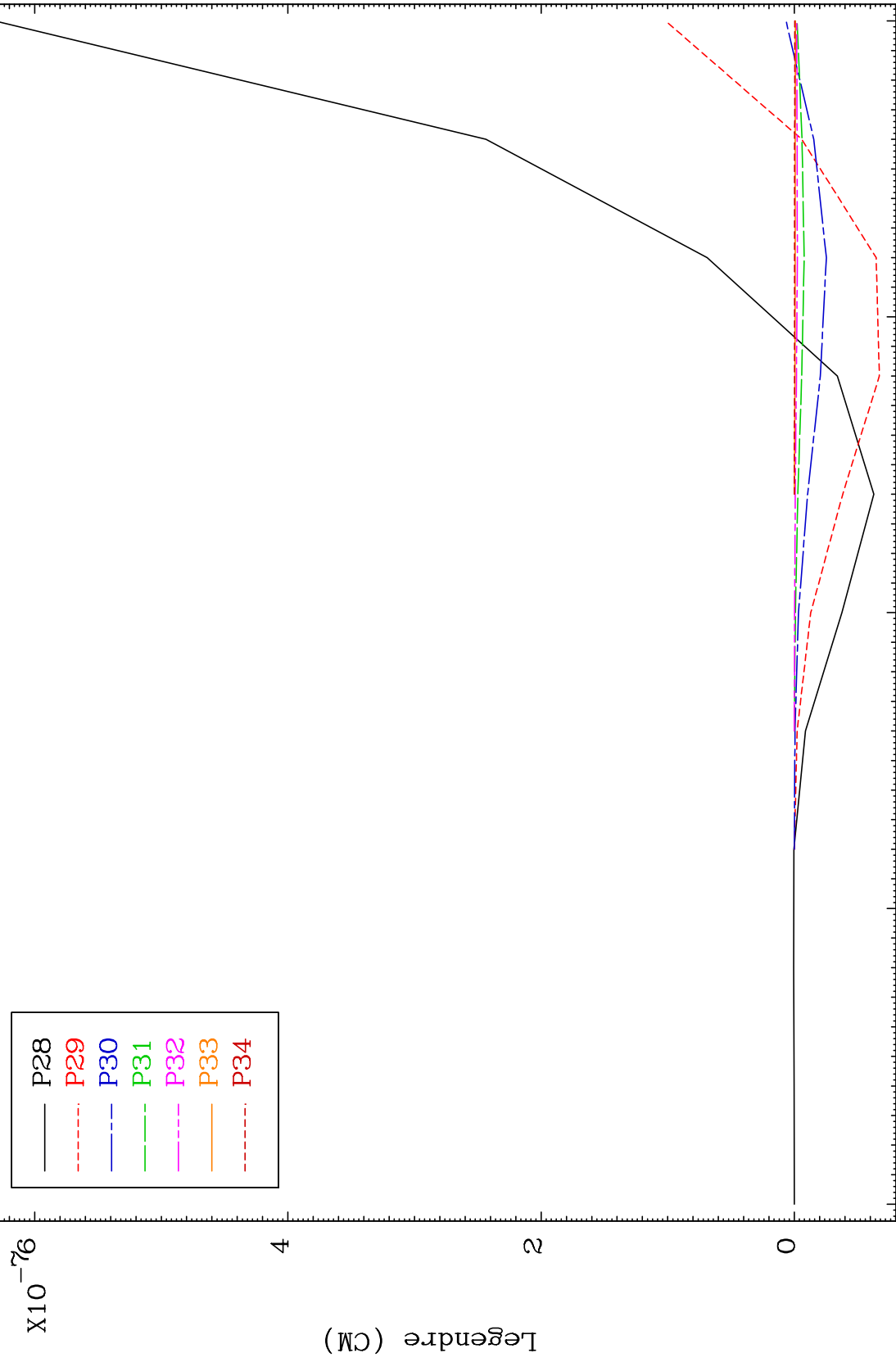
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



17

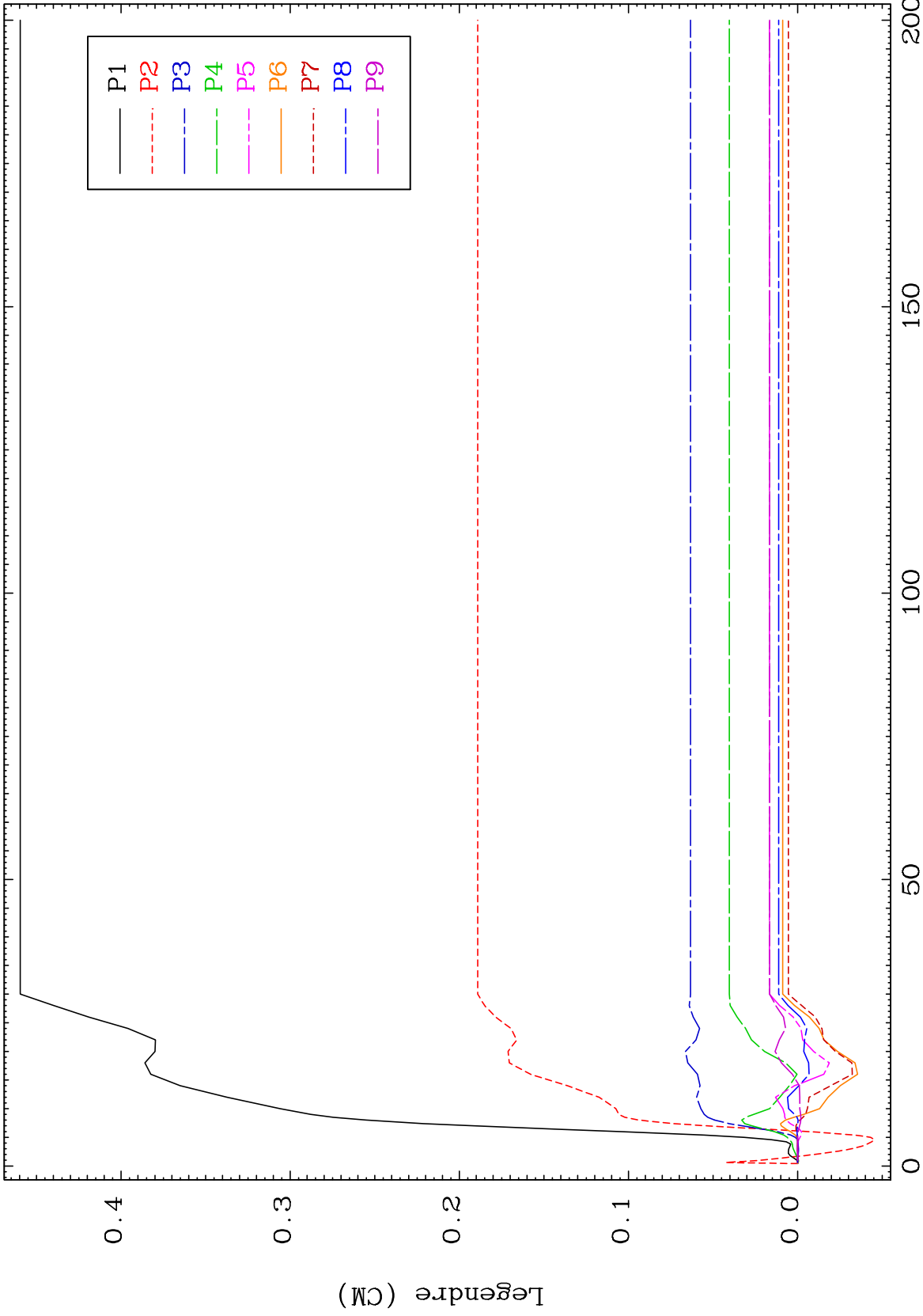
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



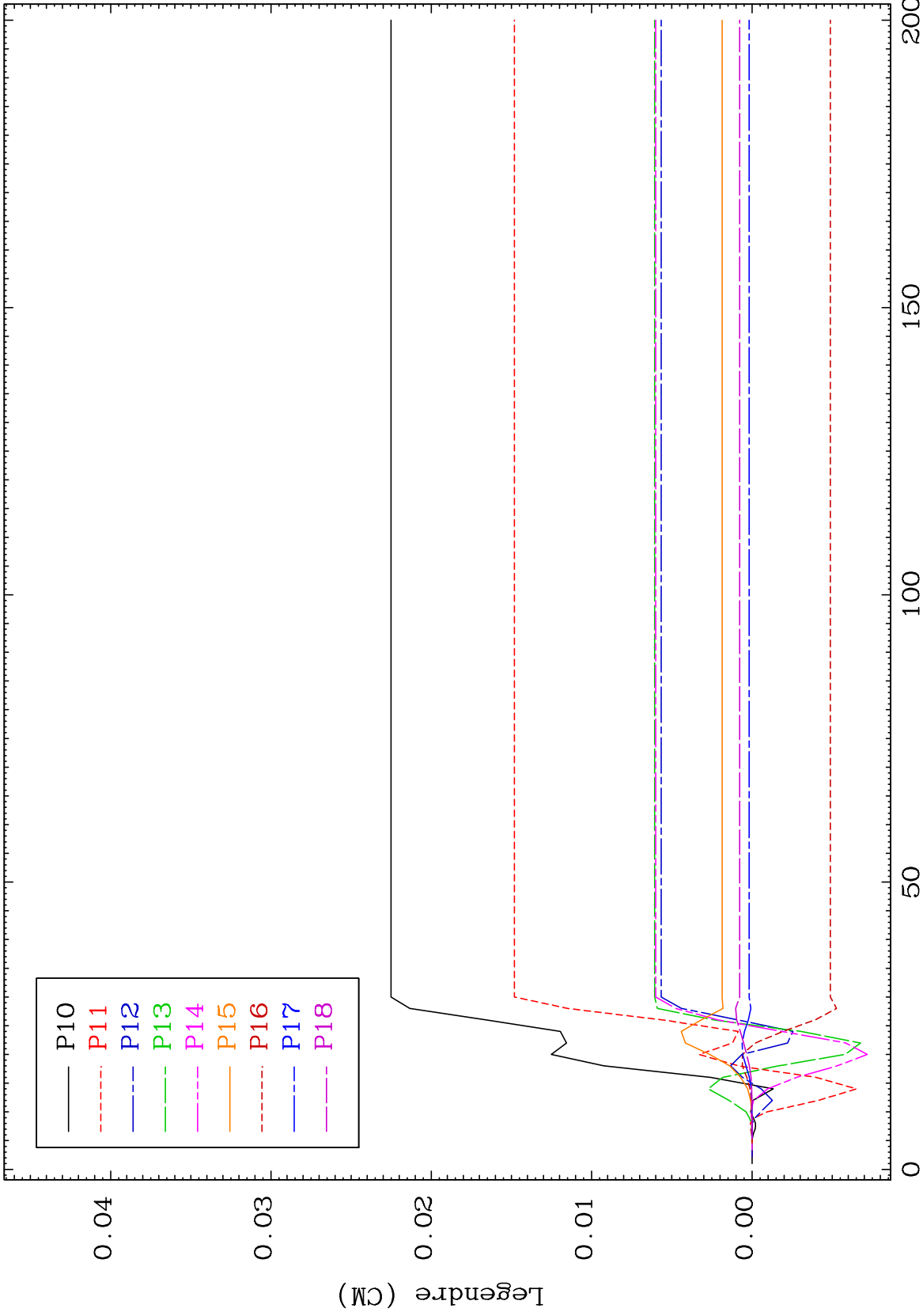
18

49-In-127

MAT 4967

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

49-In-127



19

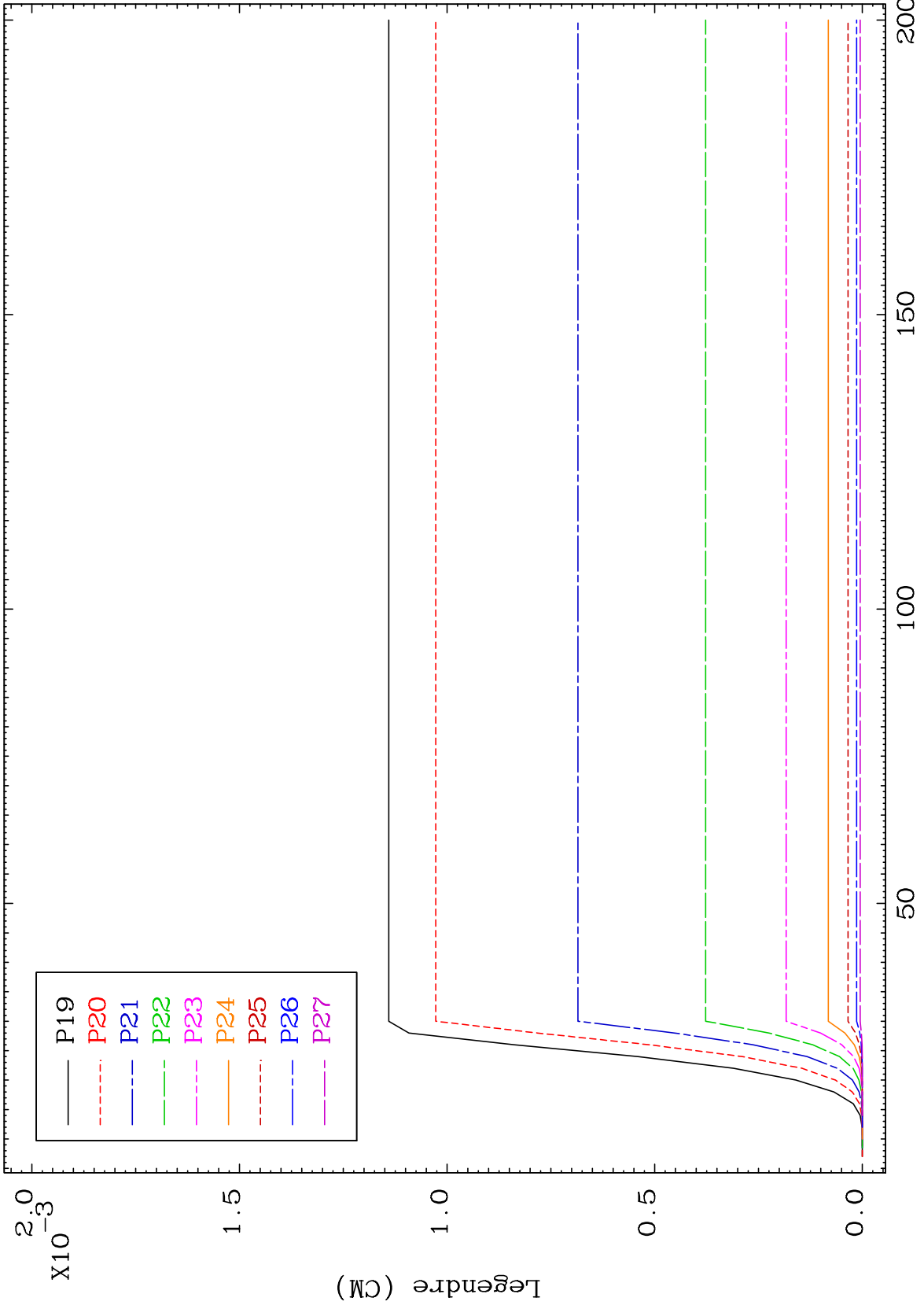
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



20

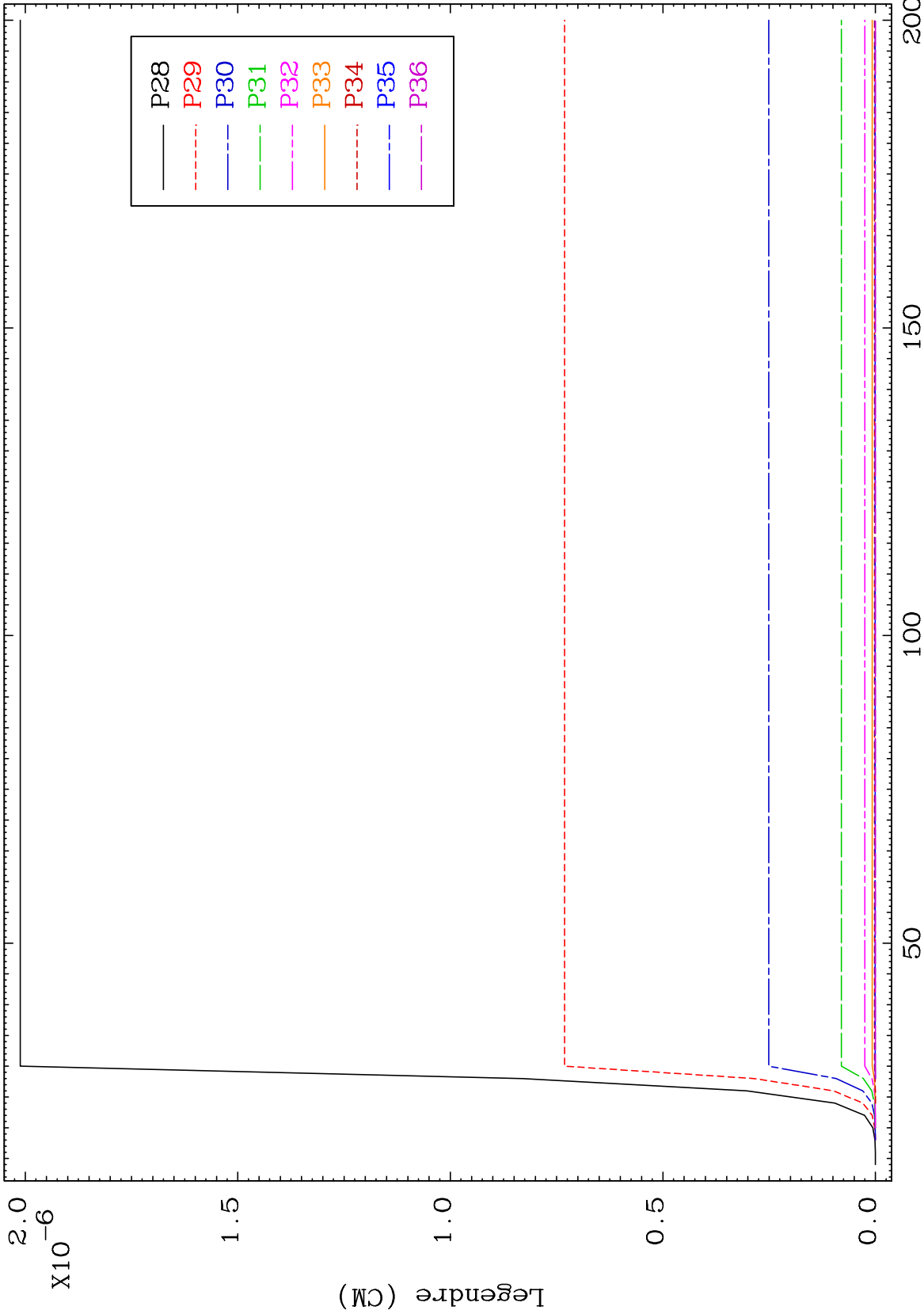
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



21

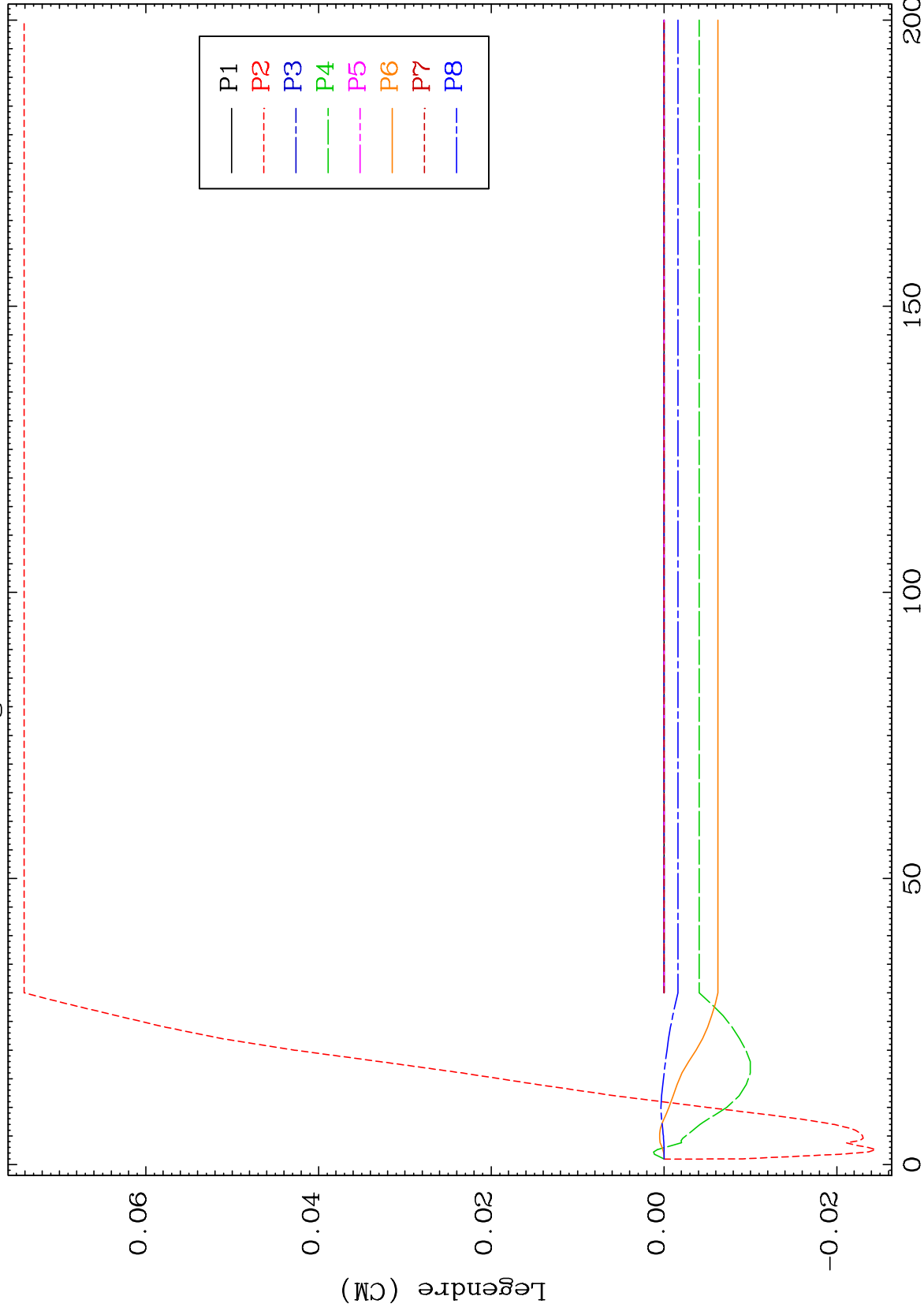
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



22

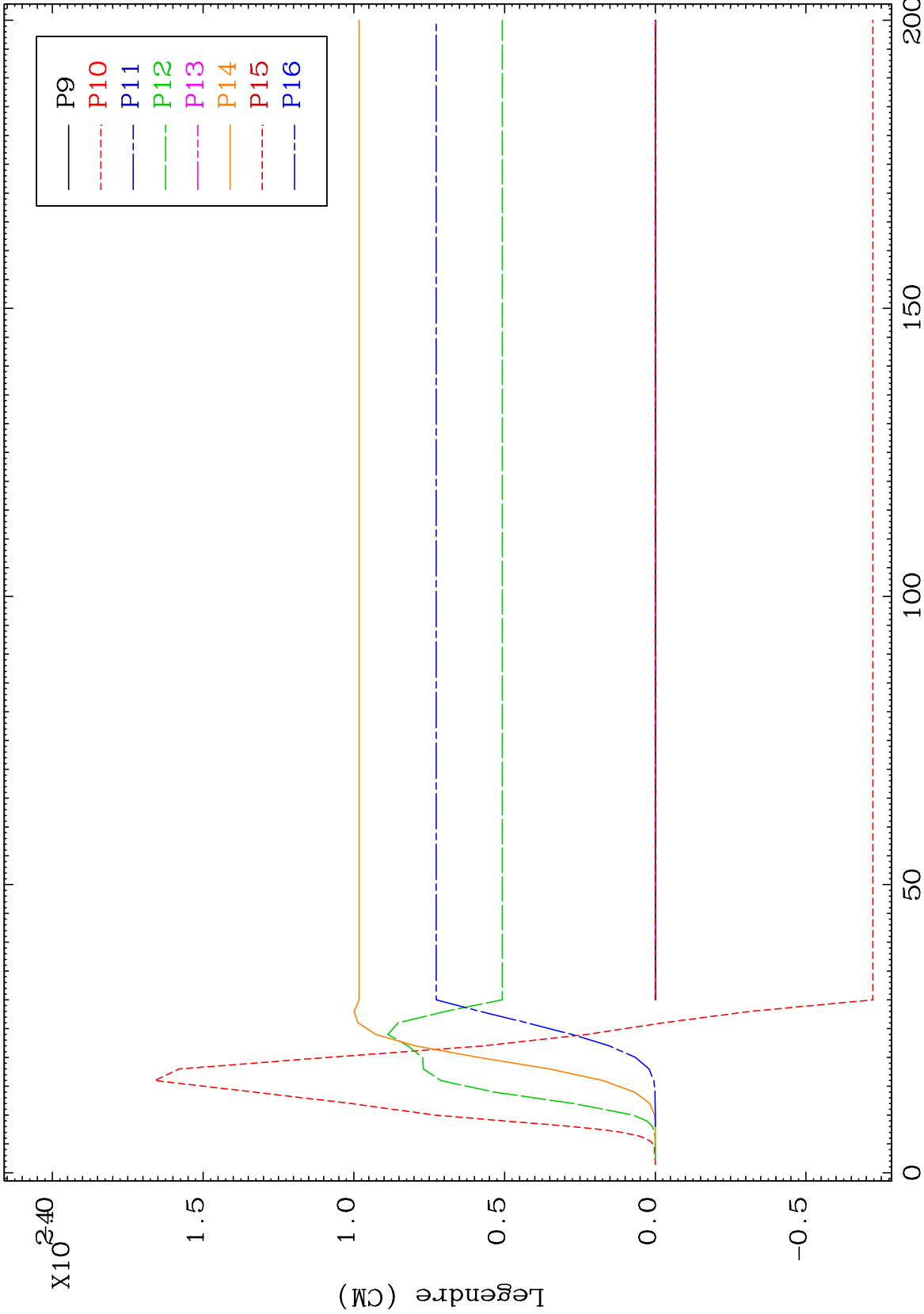
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



23

Incident Energy (MeV)

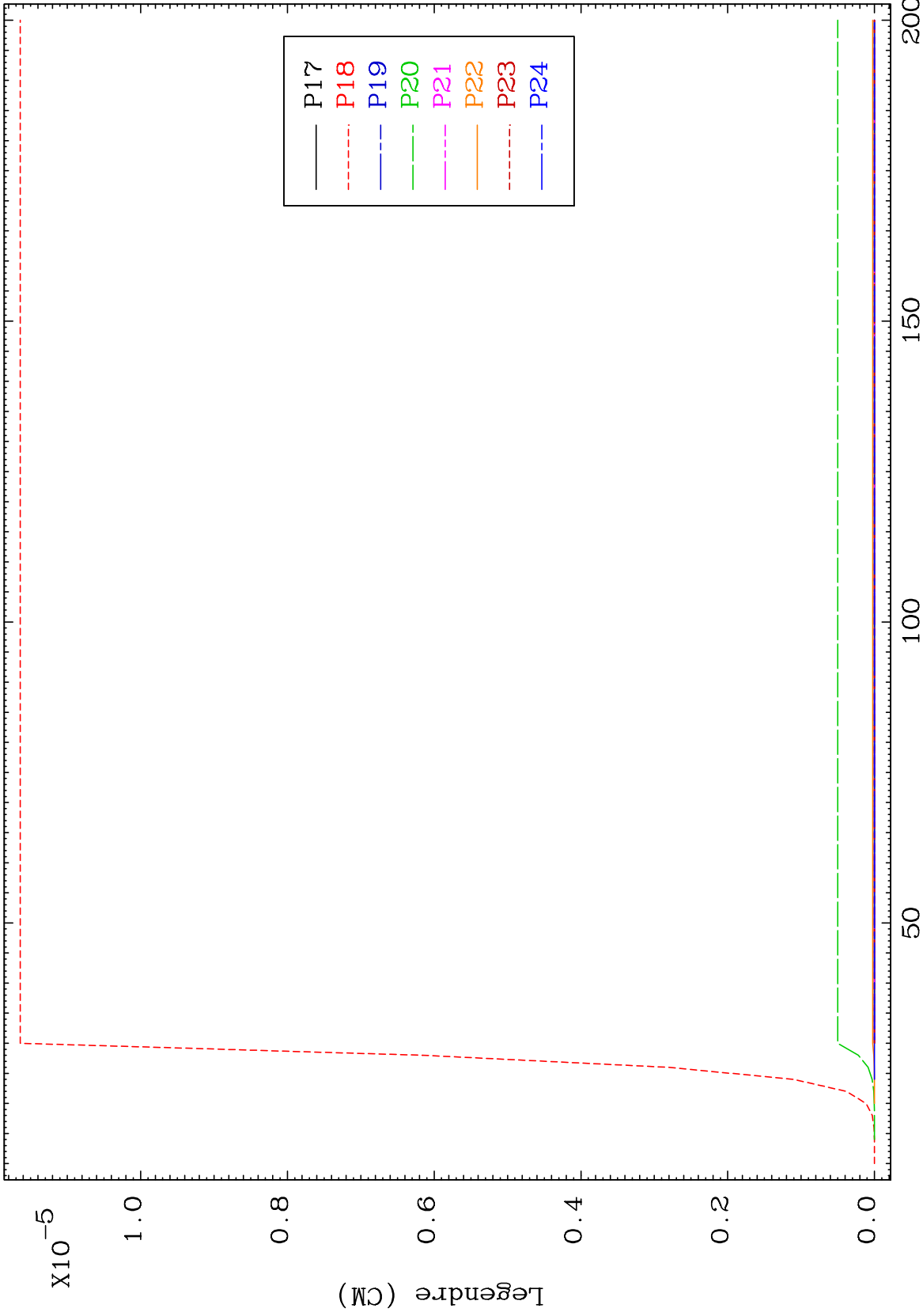
49-In-127



MAT 4967

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

49-In-127



24

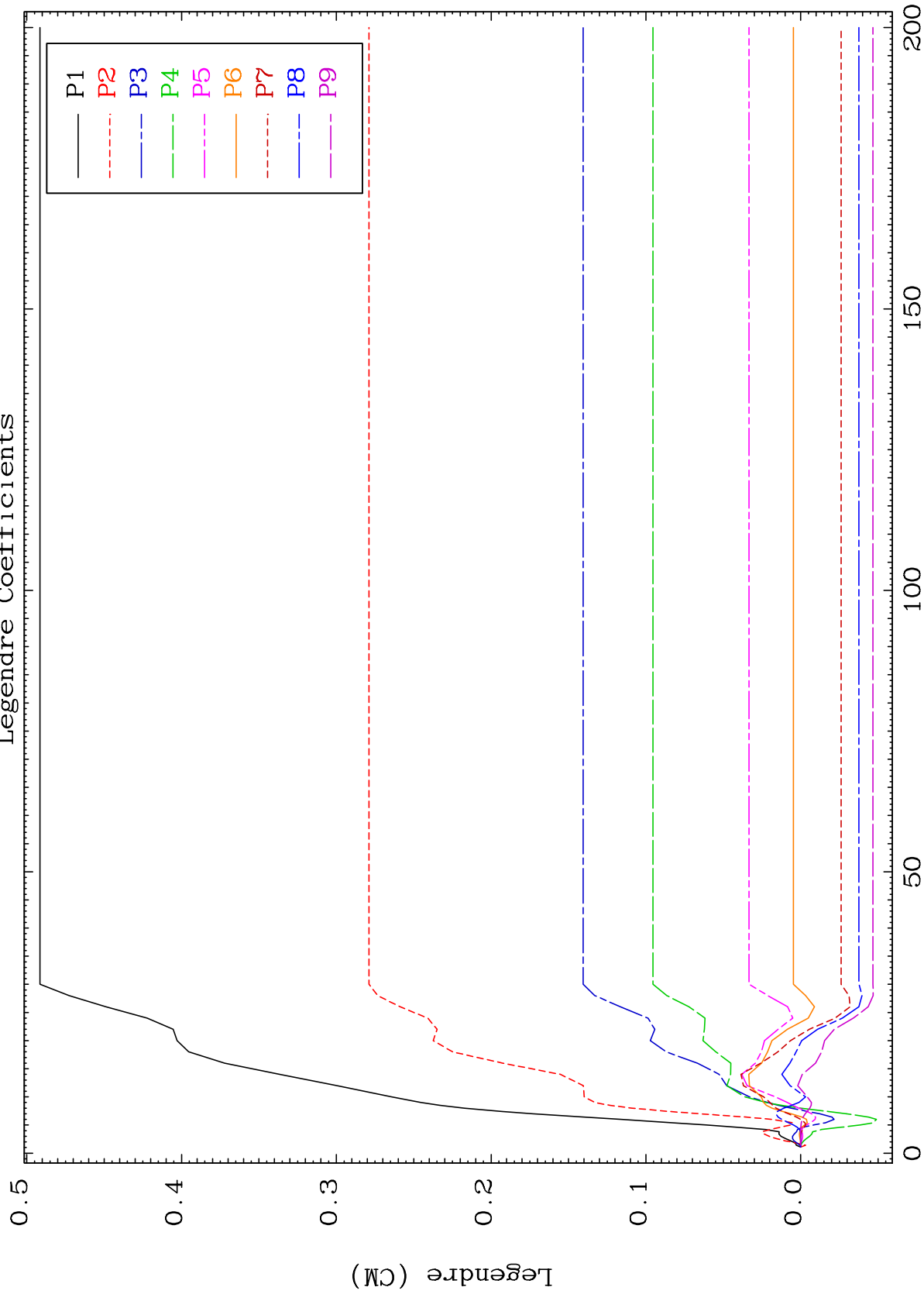
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

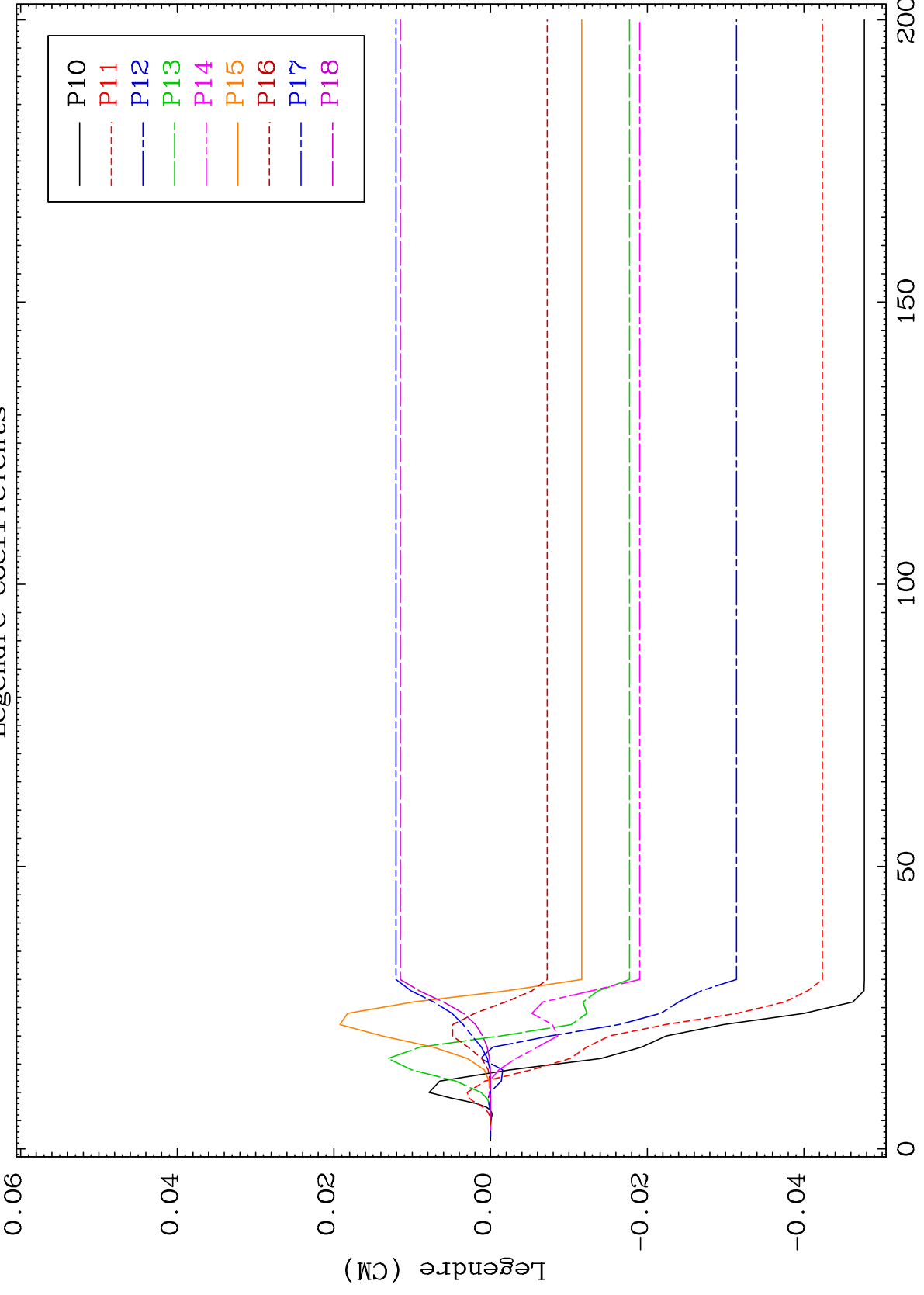
Incident Energy (MeV)

25

MAT 4967

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

49-In-127



26

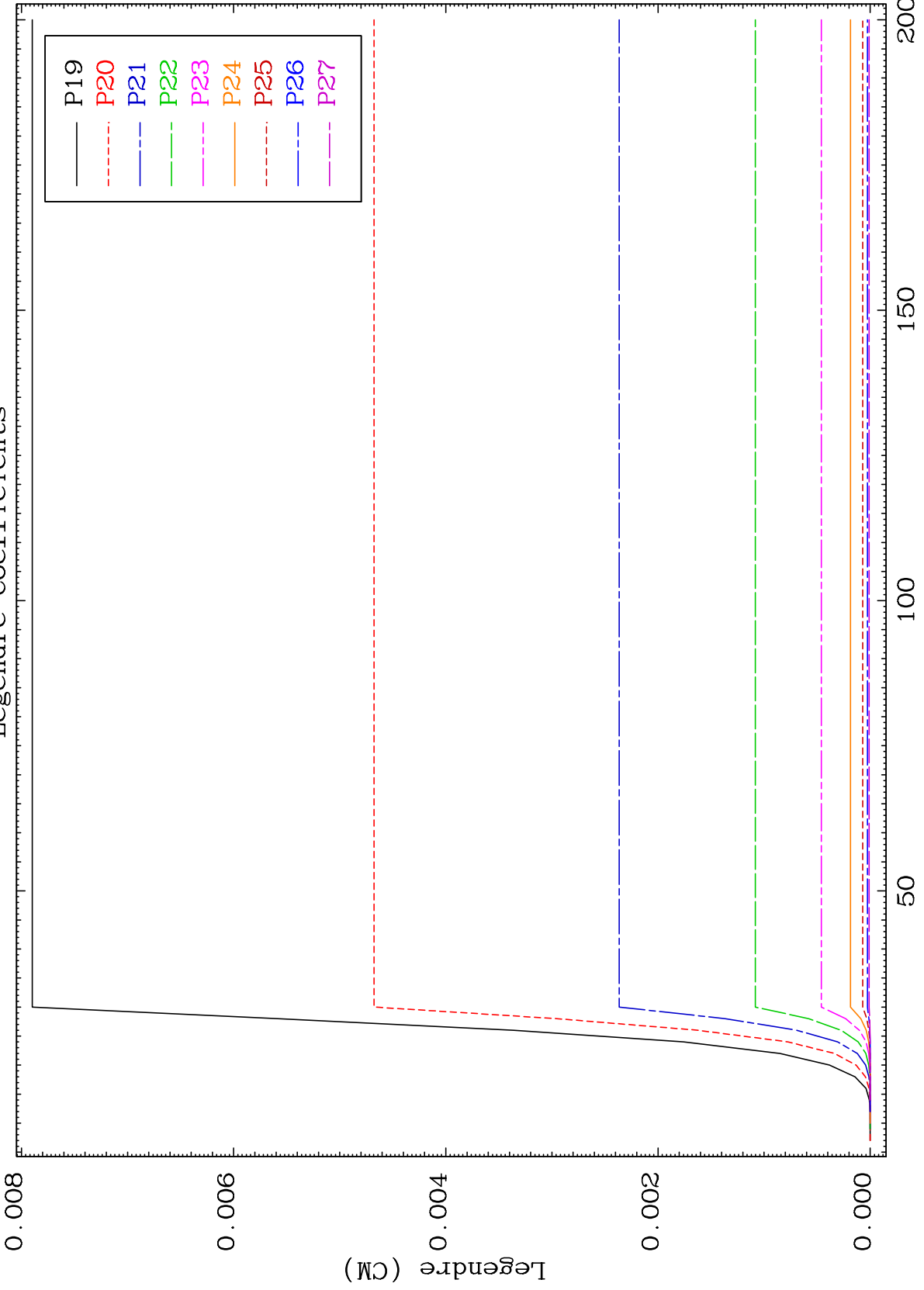
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

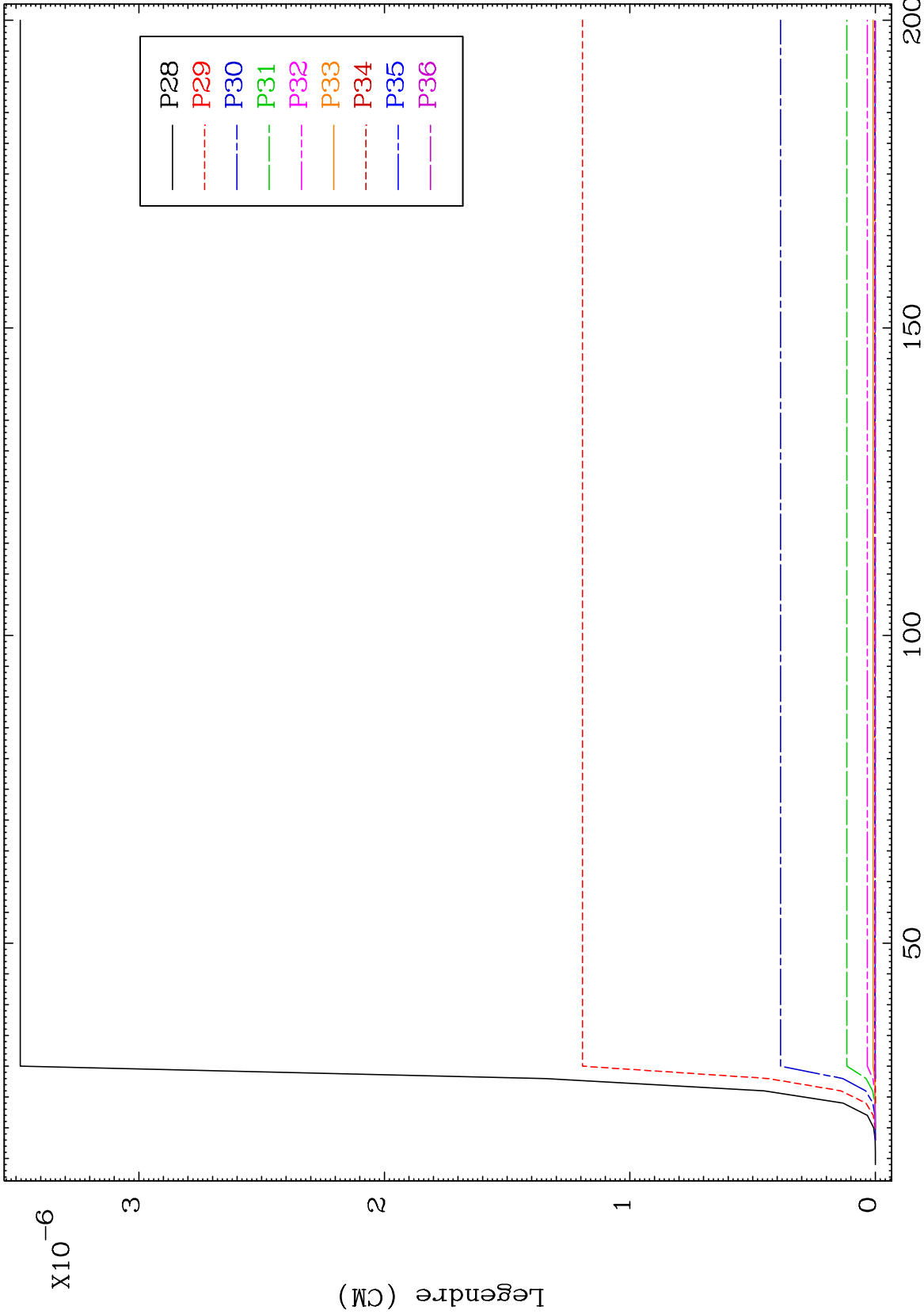
Incident Energy (MeV)

27

MAT 4967

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

49-In-127



28

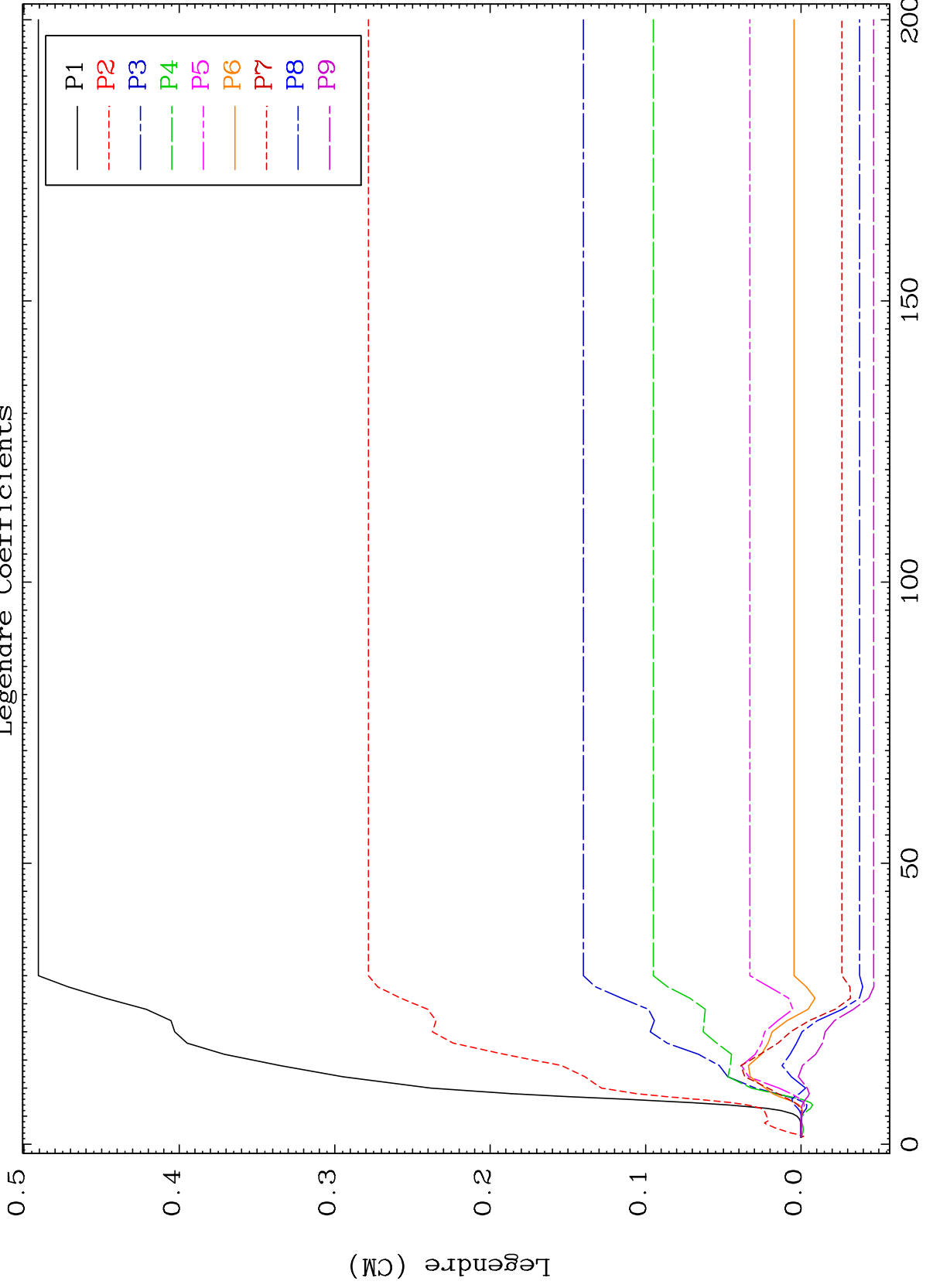
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

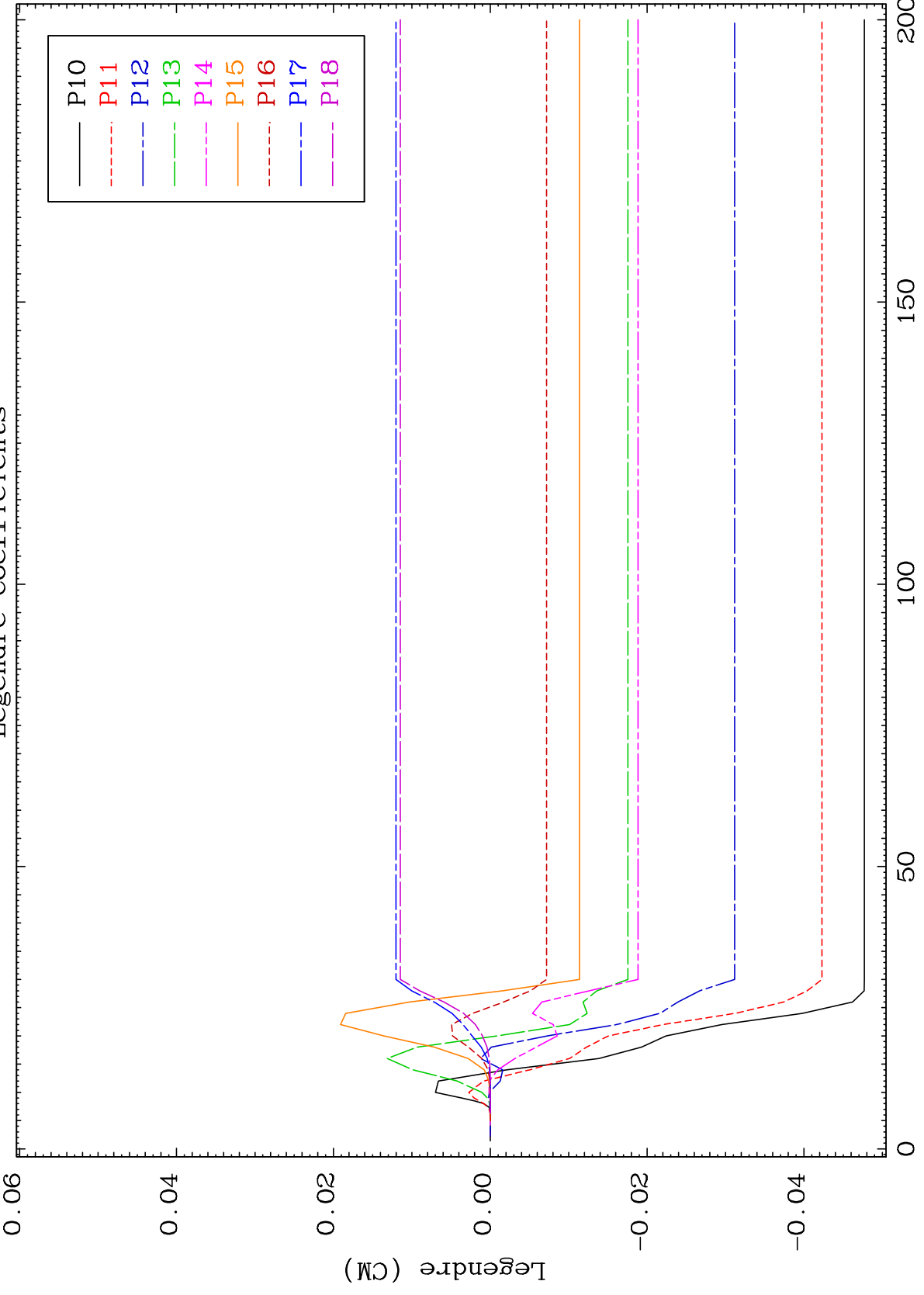
Incident Energy (MeV)

29

MAT 4967

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

49-In-127



30

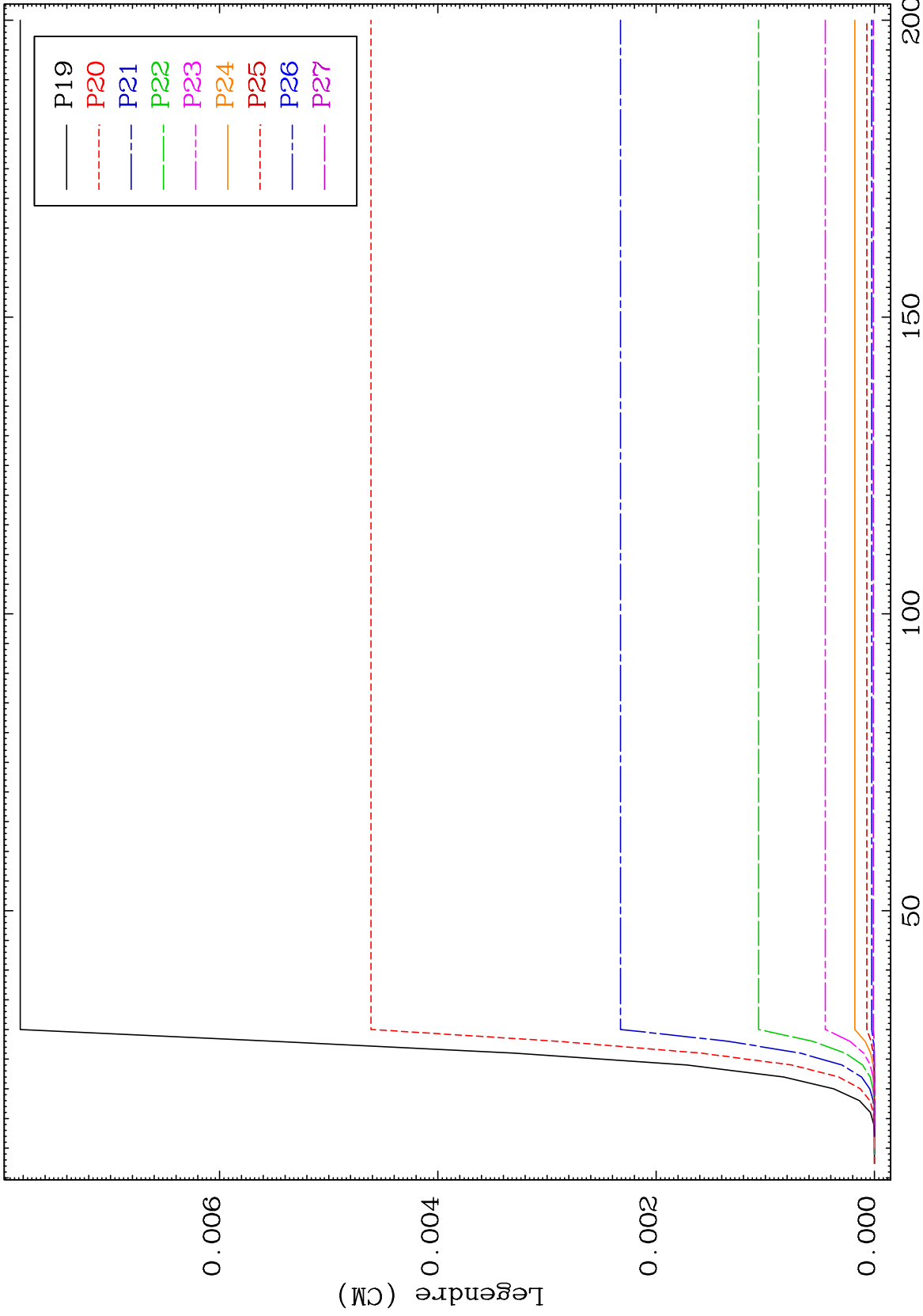
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



31

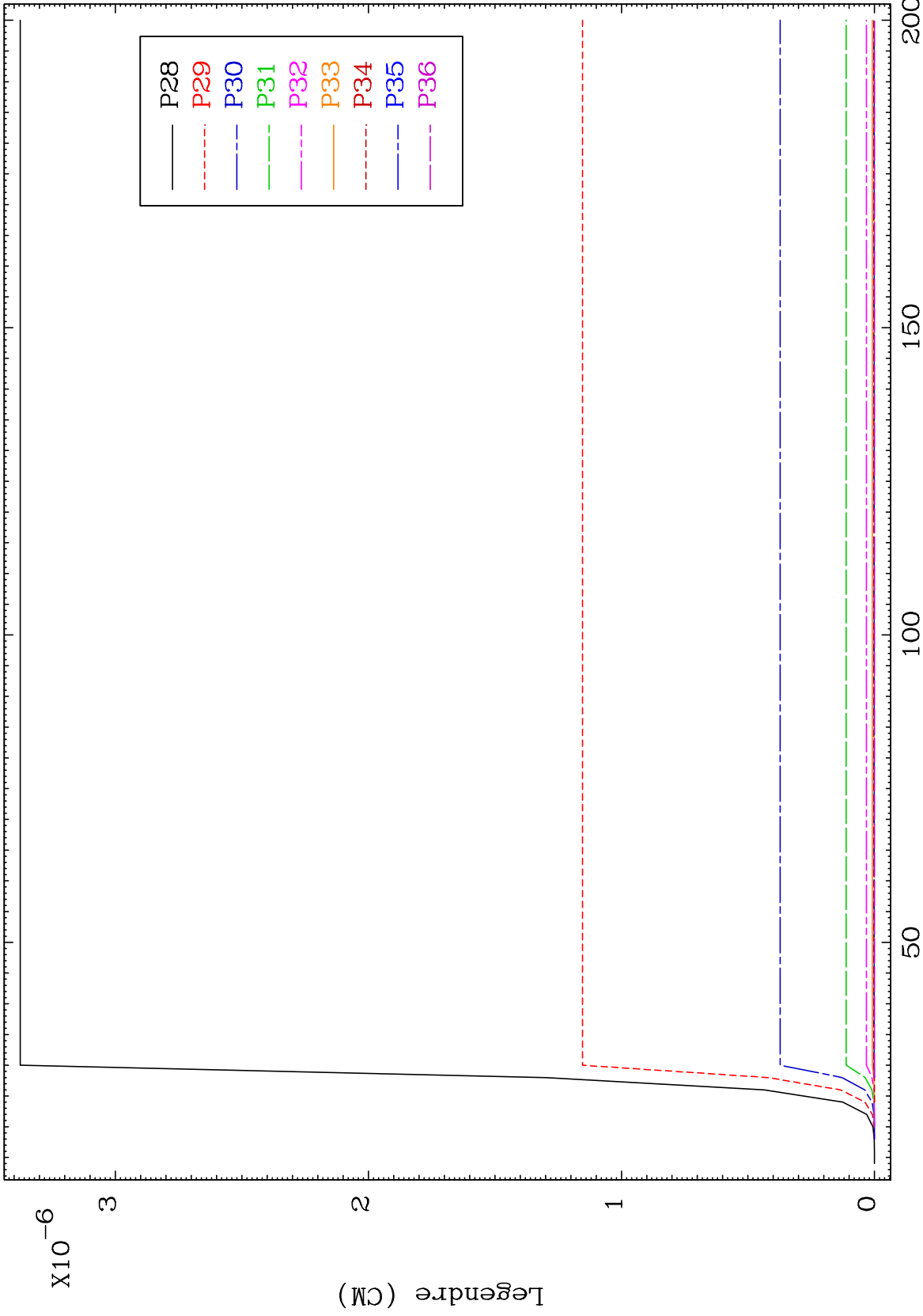
49-In-127



MAT 4967

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

49-In-127

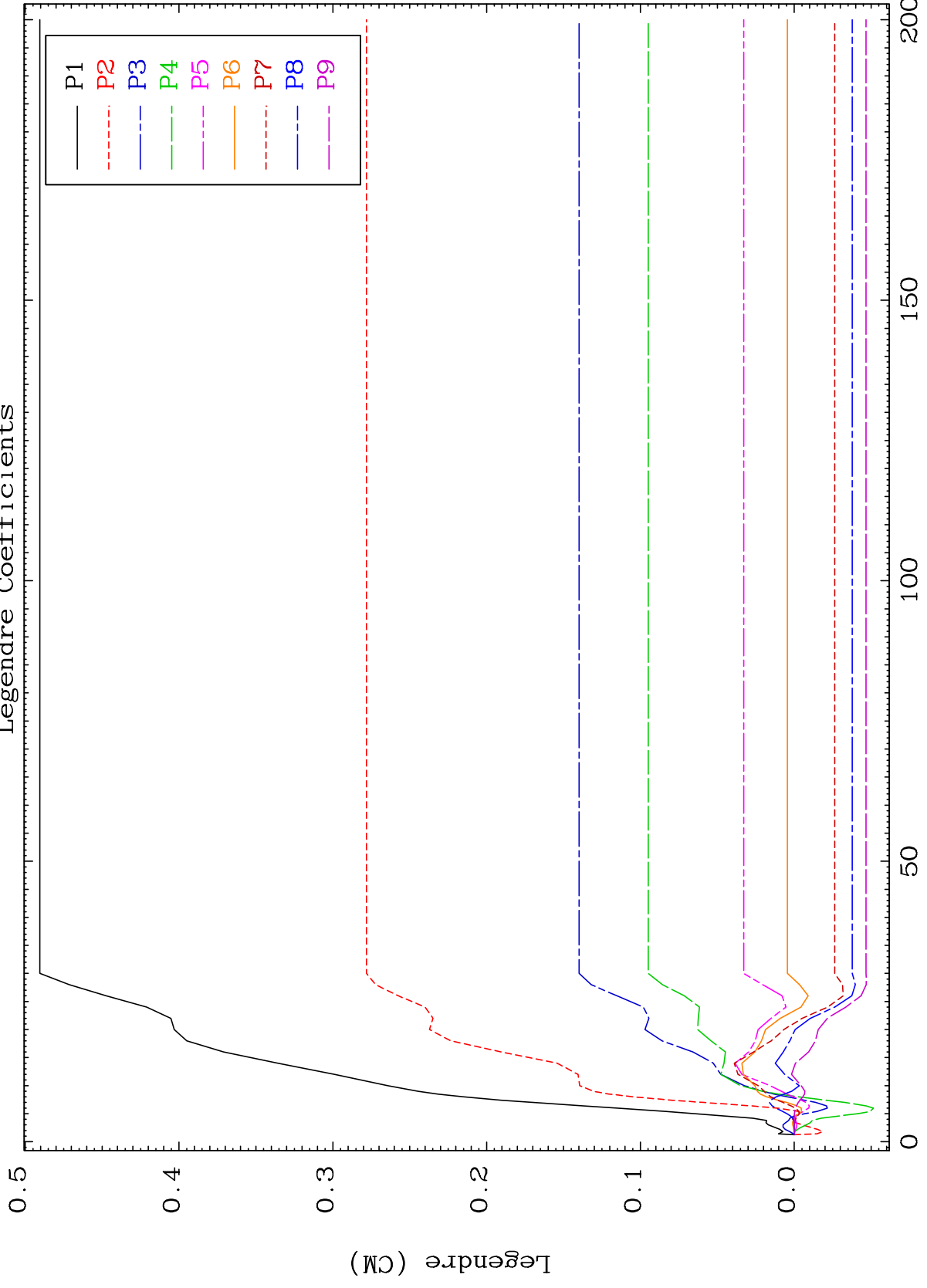


32

Incident Energy (MeV)

49-In-127

MAT 4967 MT= 55 (n,n') Level Legendre Coefficients 49-In-127

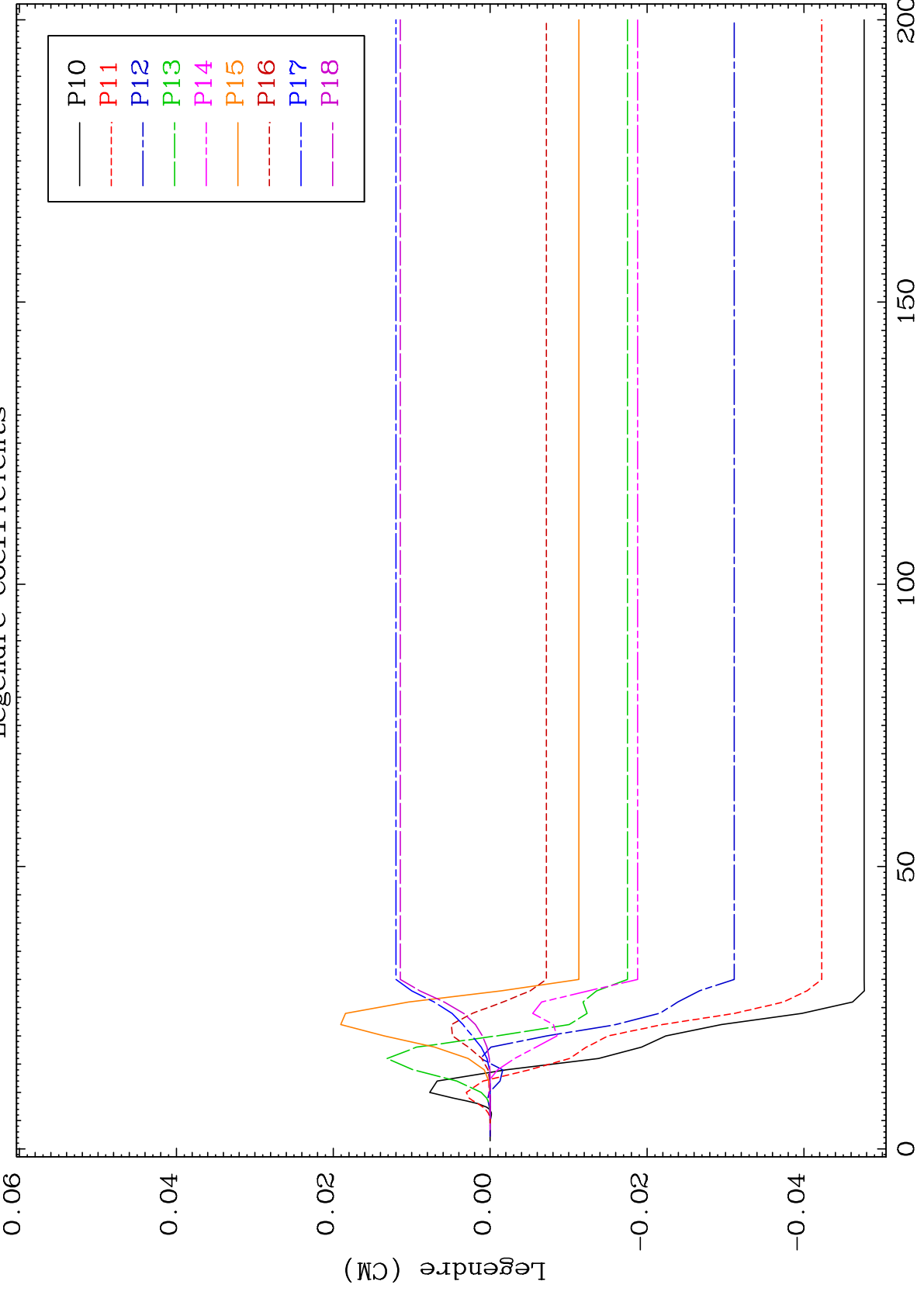


33 49-In-127

MAT 4967

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

49-In-127



34

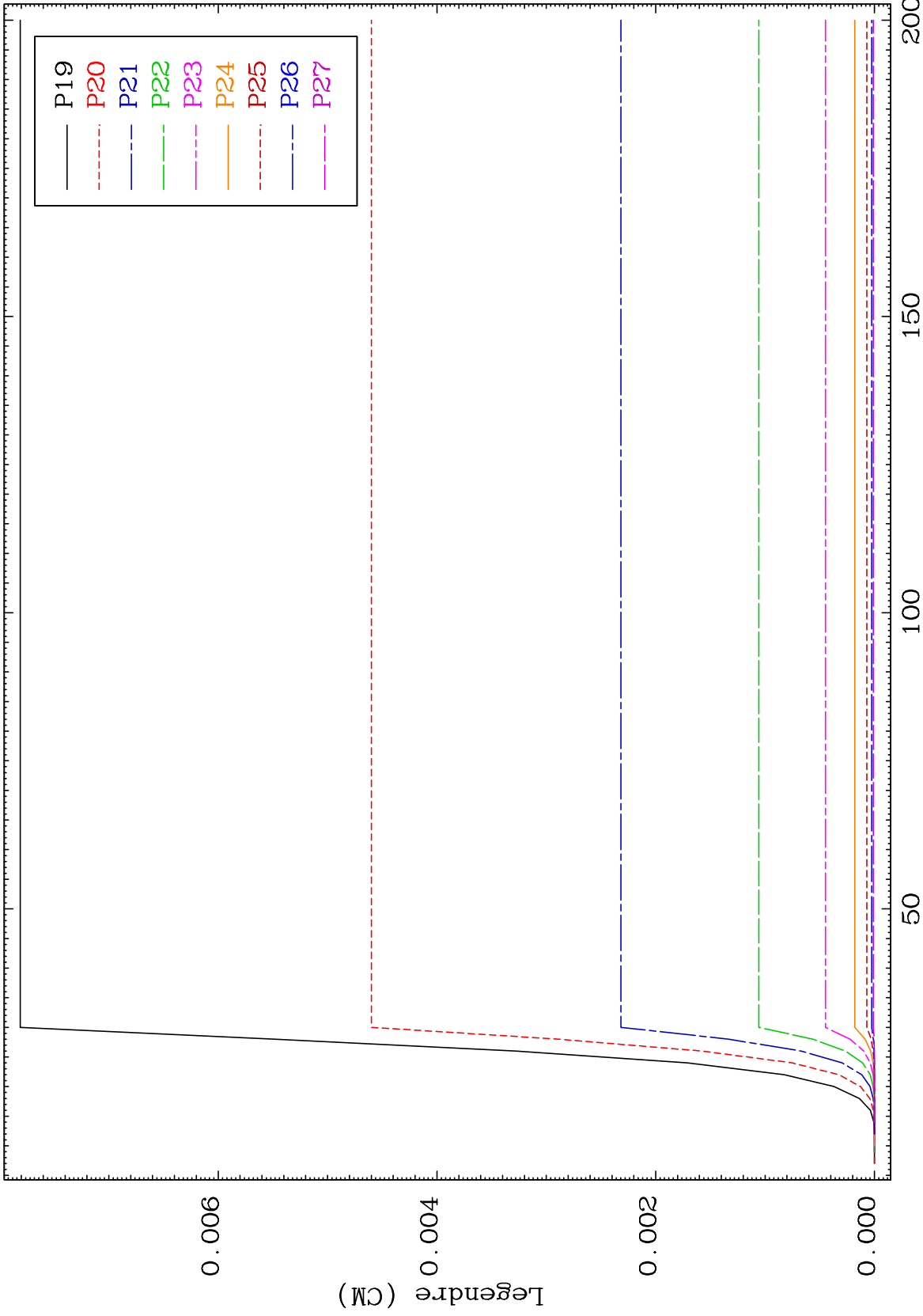
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



35

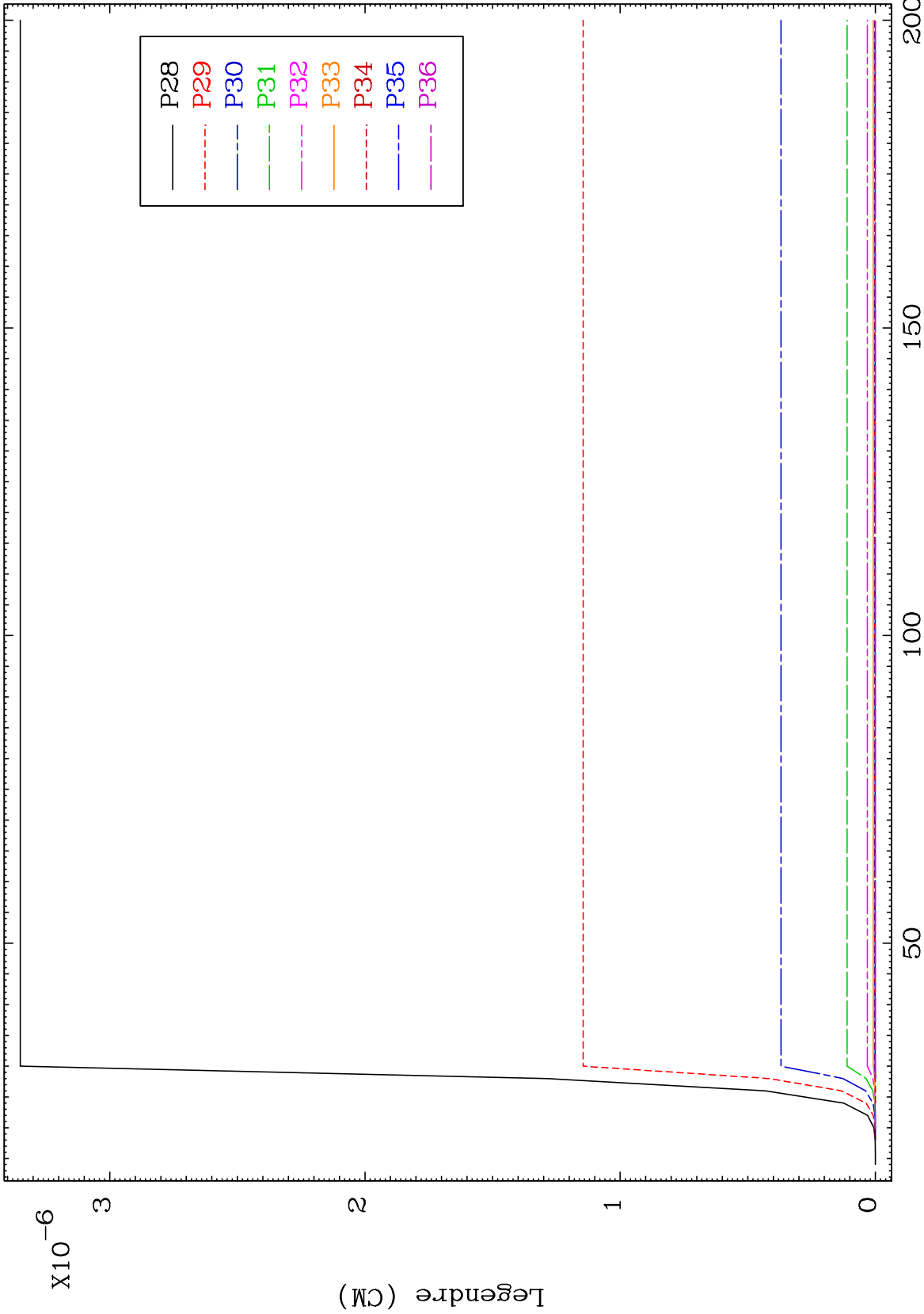
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



36

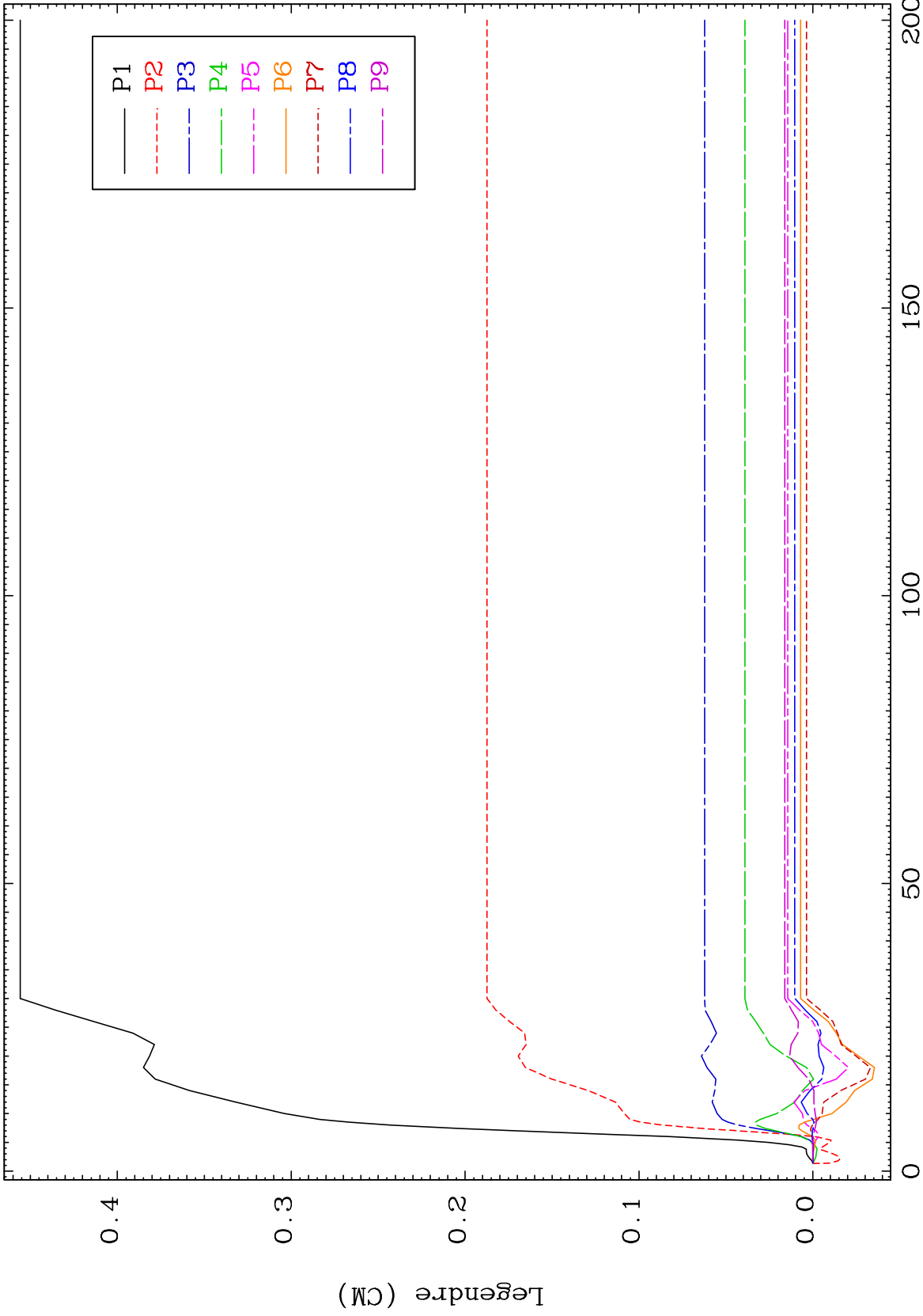
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



37

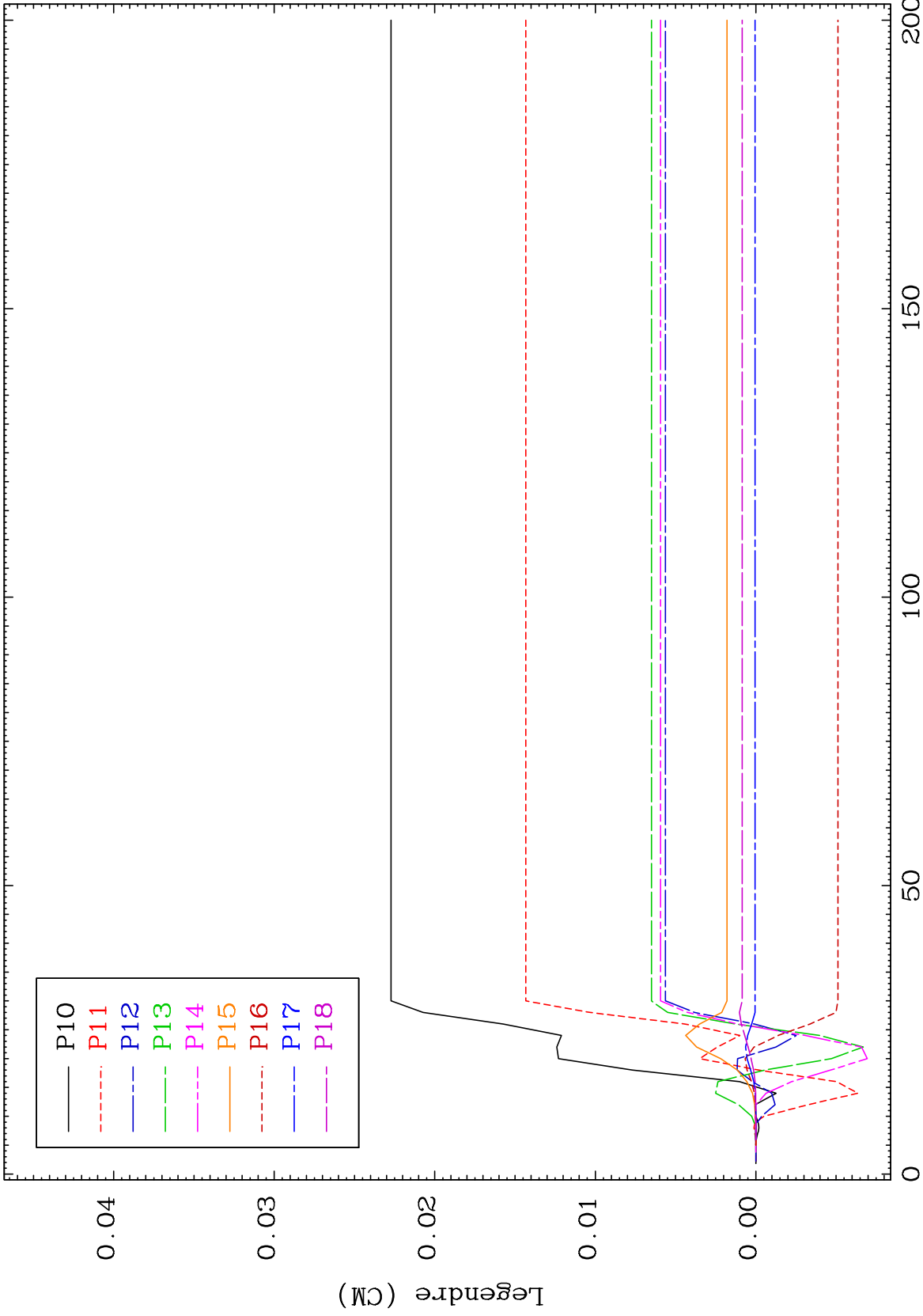
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



38

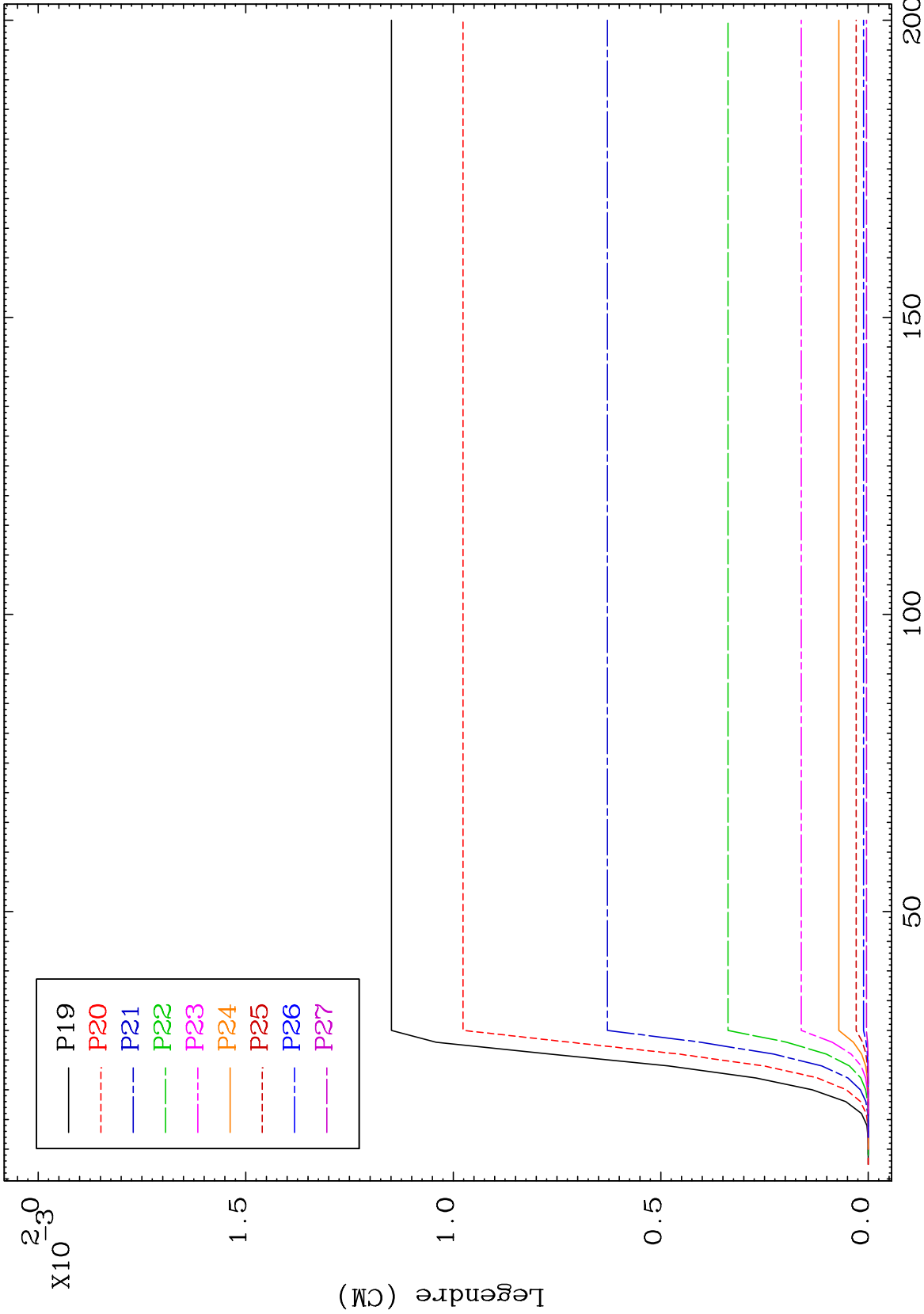
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



39

Incident Energy (MeV)

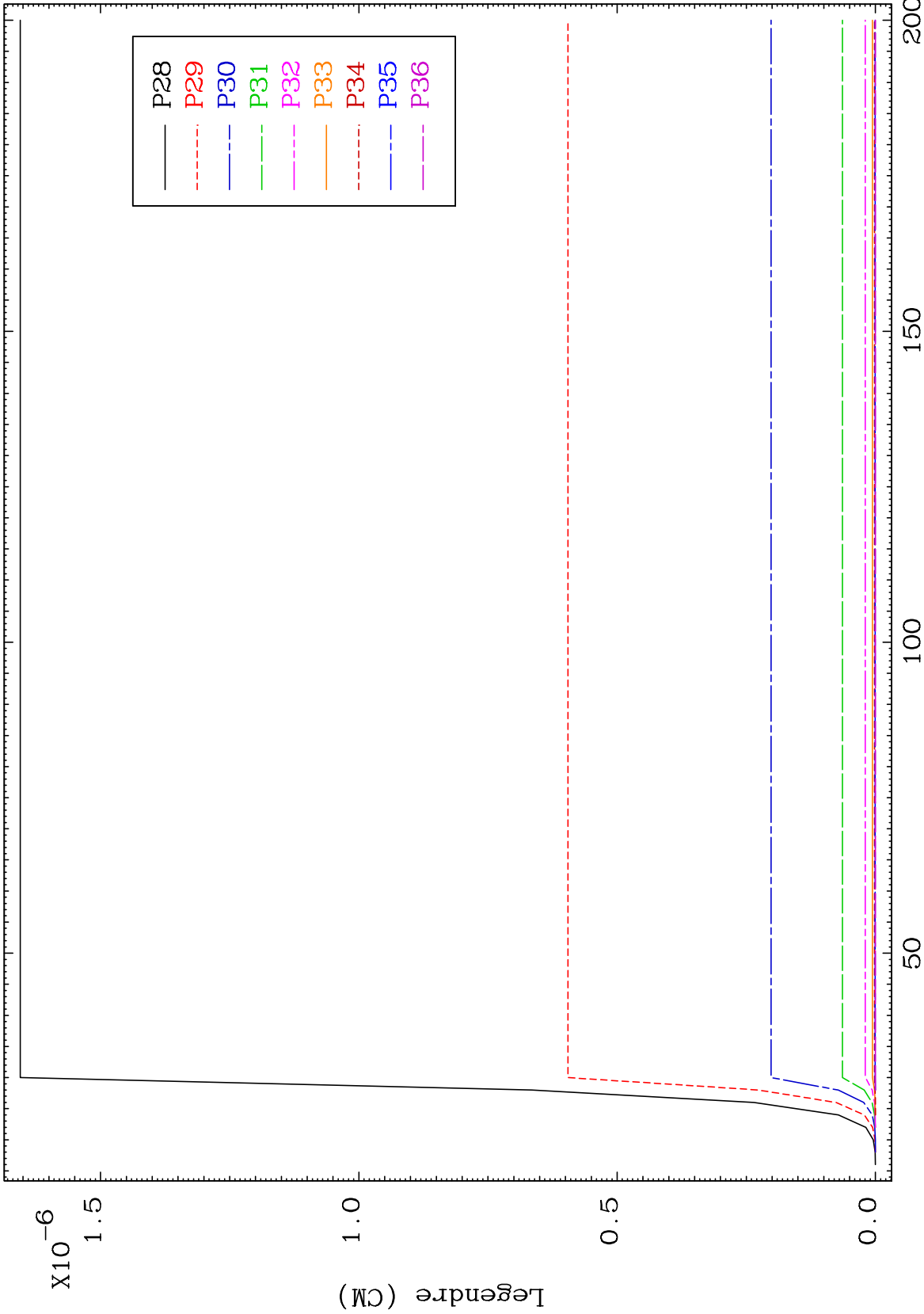
49-In-127



MAT 4967

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

49-In-127



40

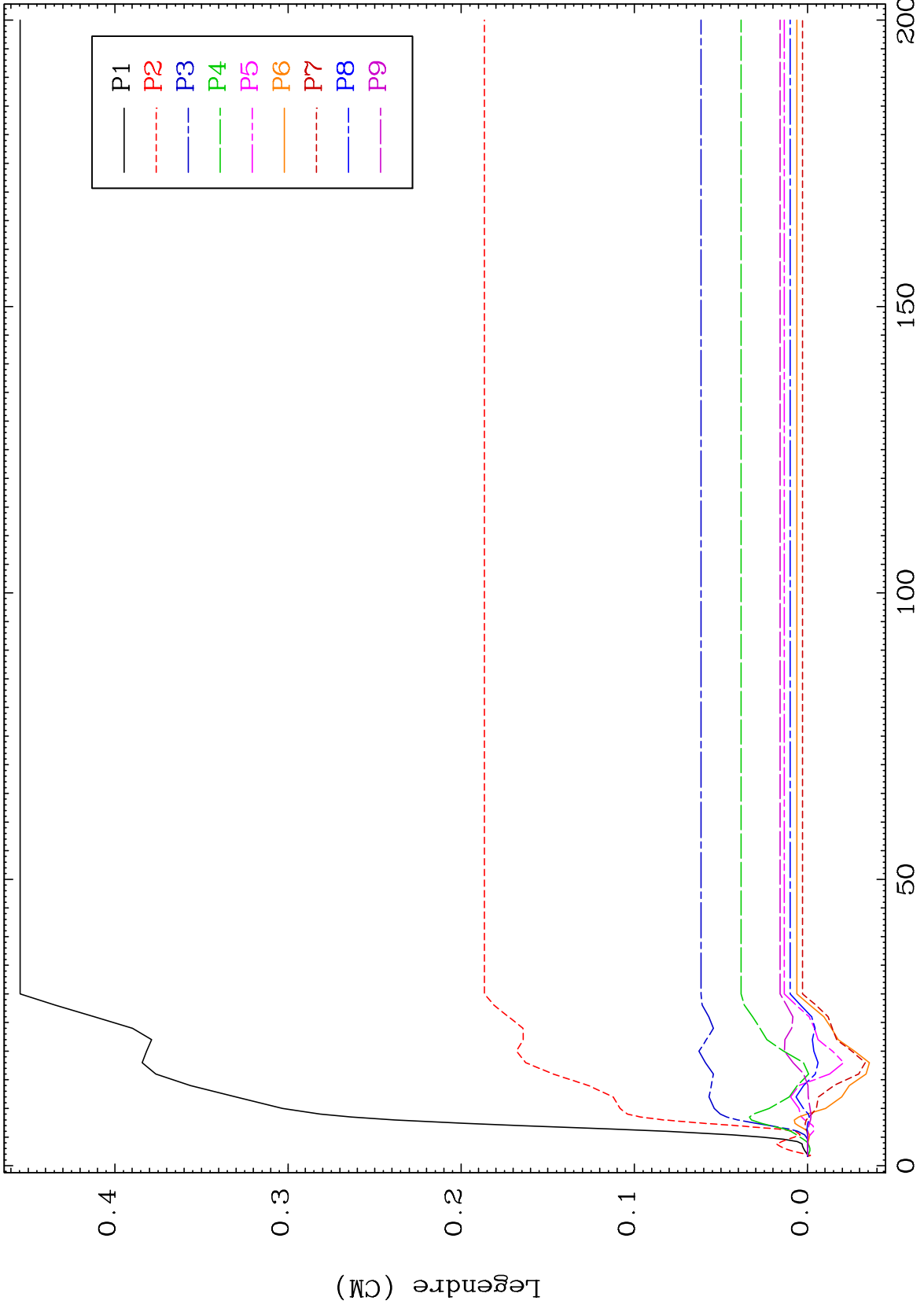
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



41

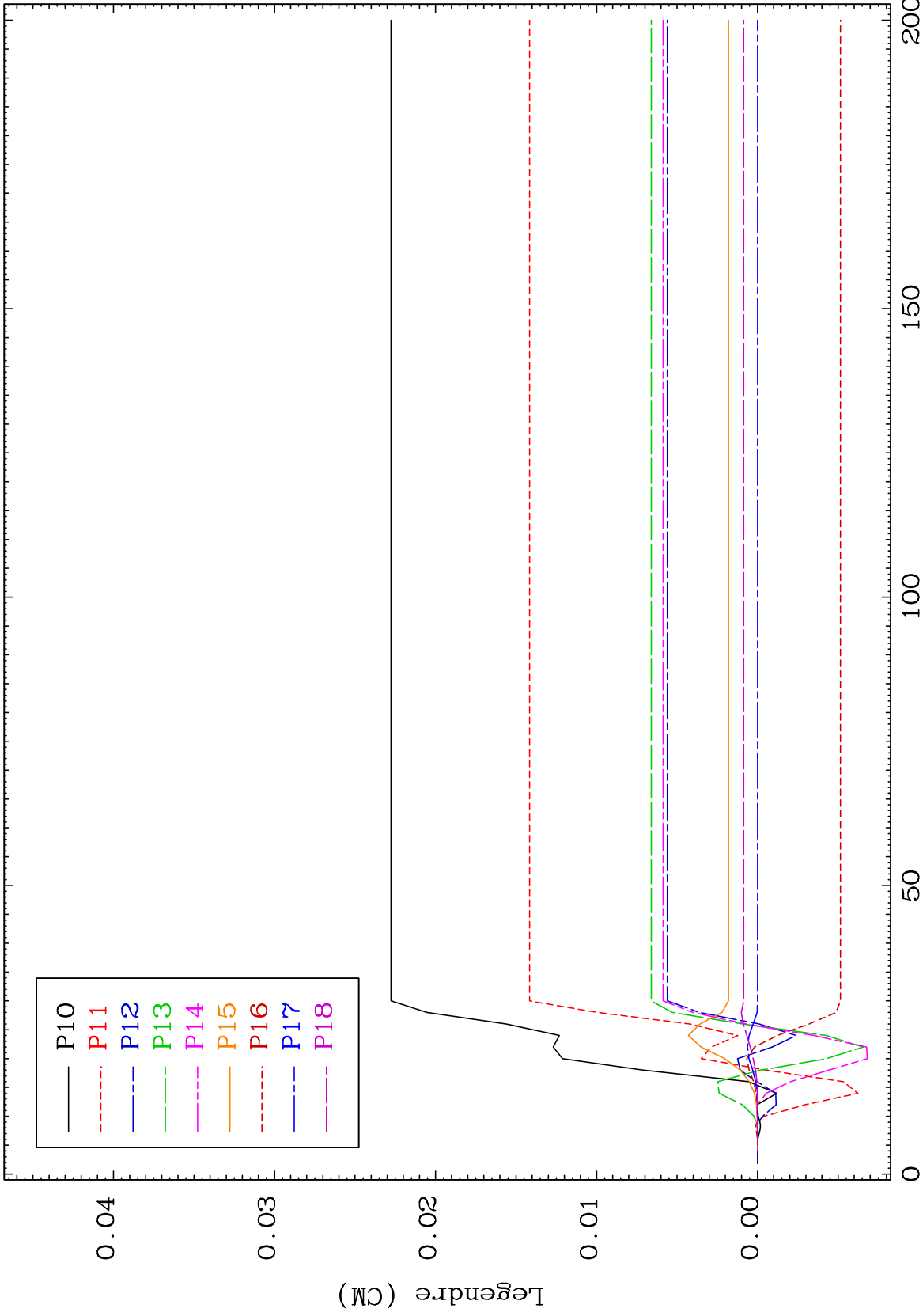
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



42

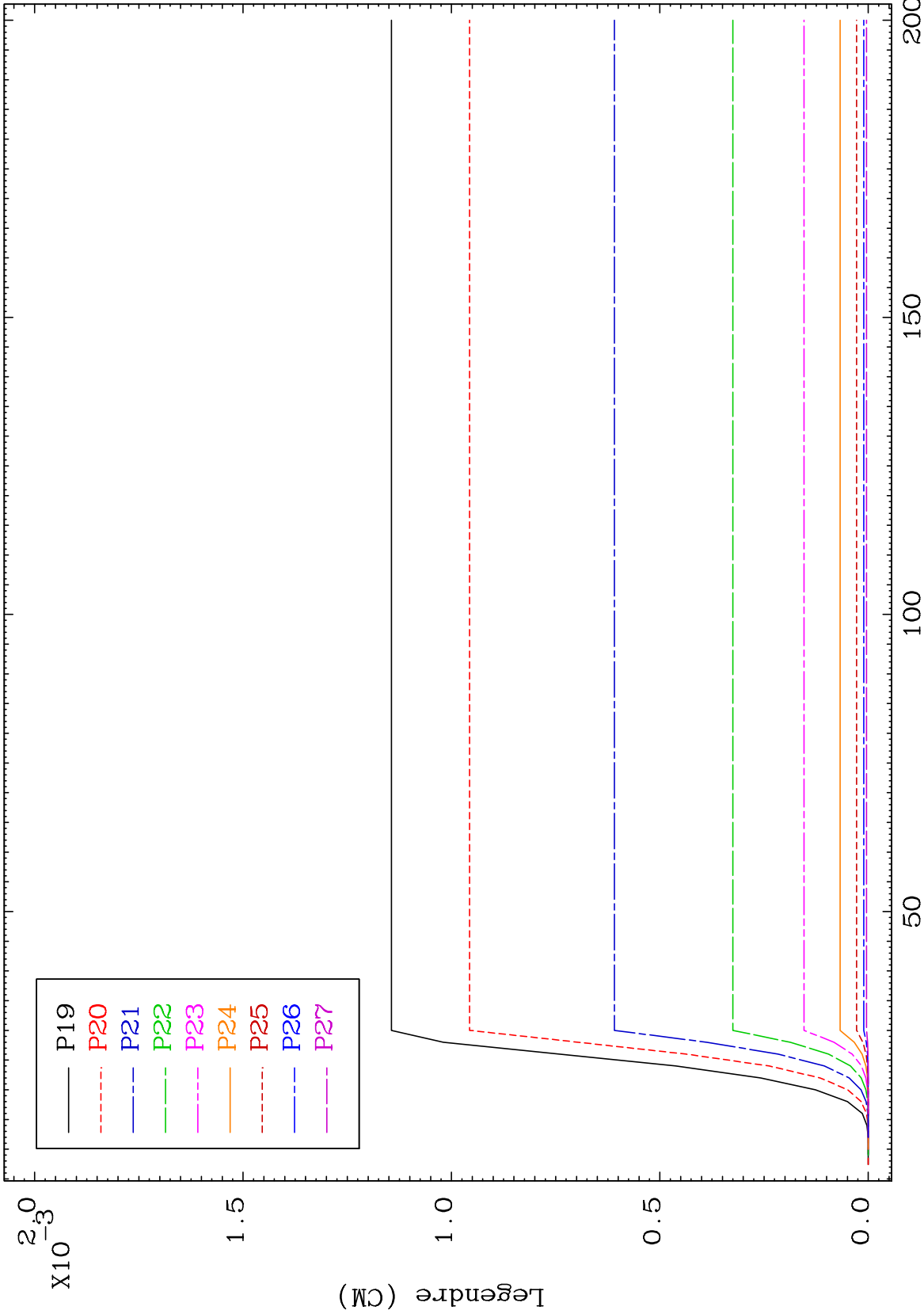
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



43

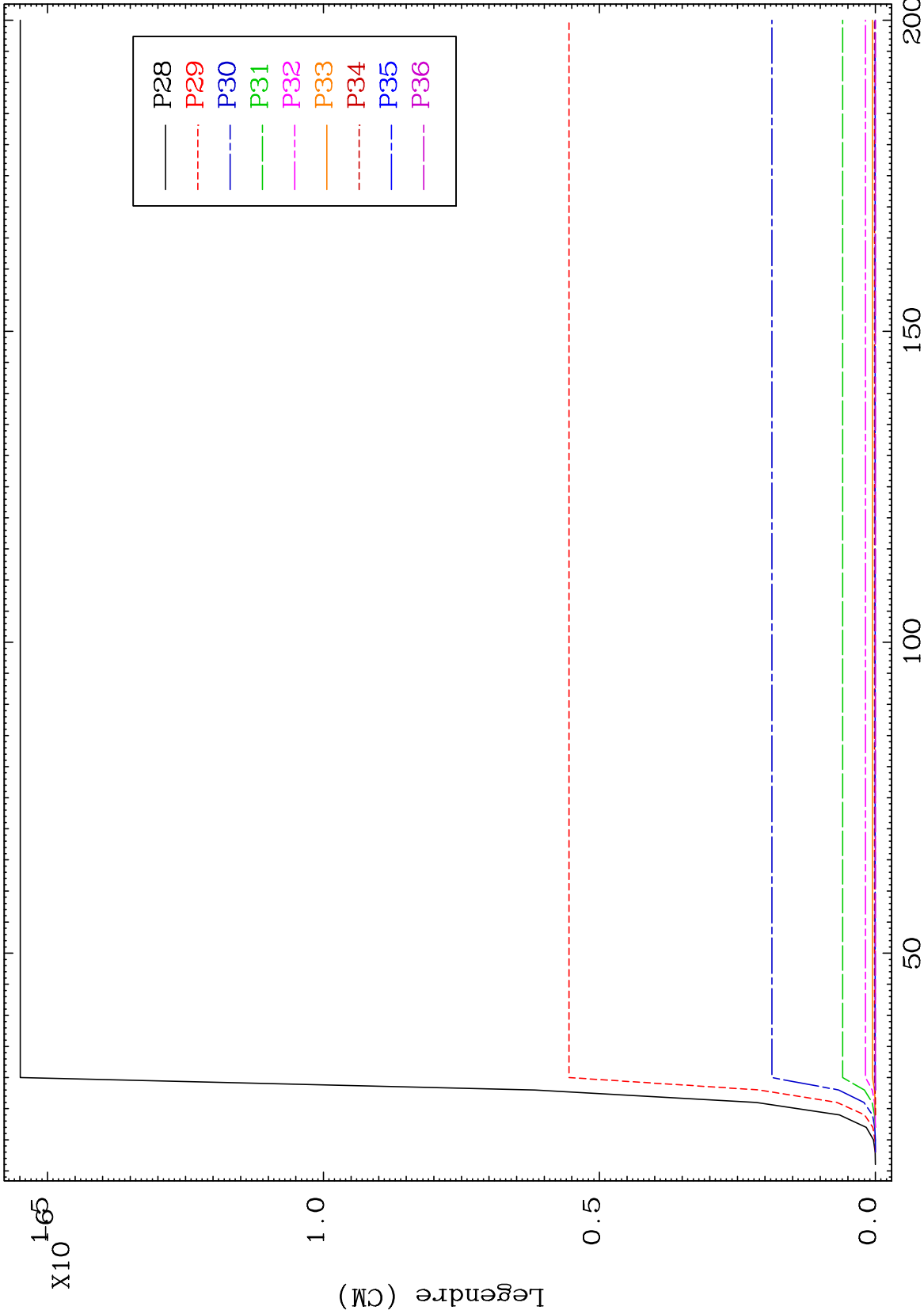
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



44

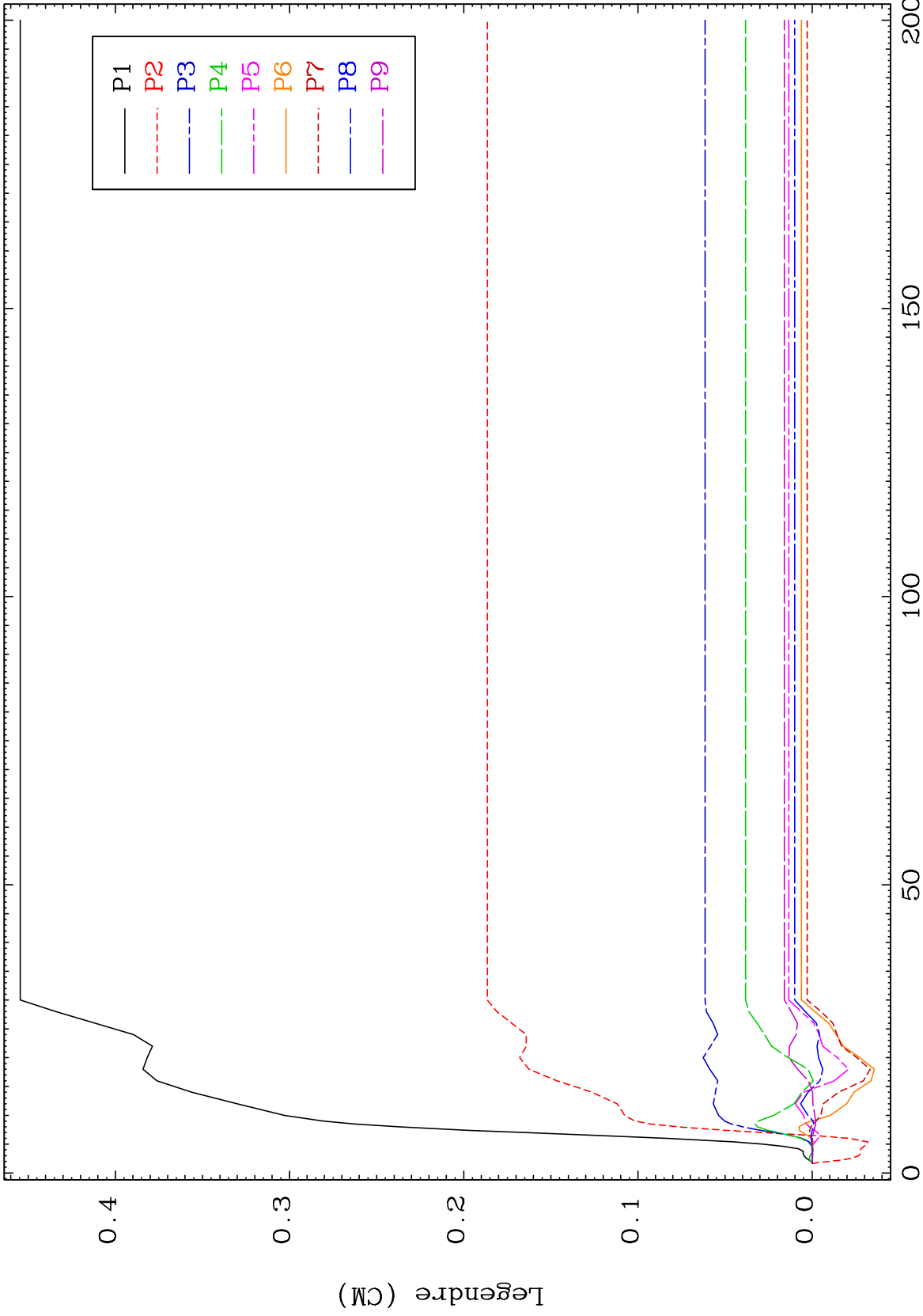
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



45

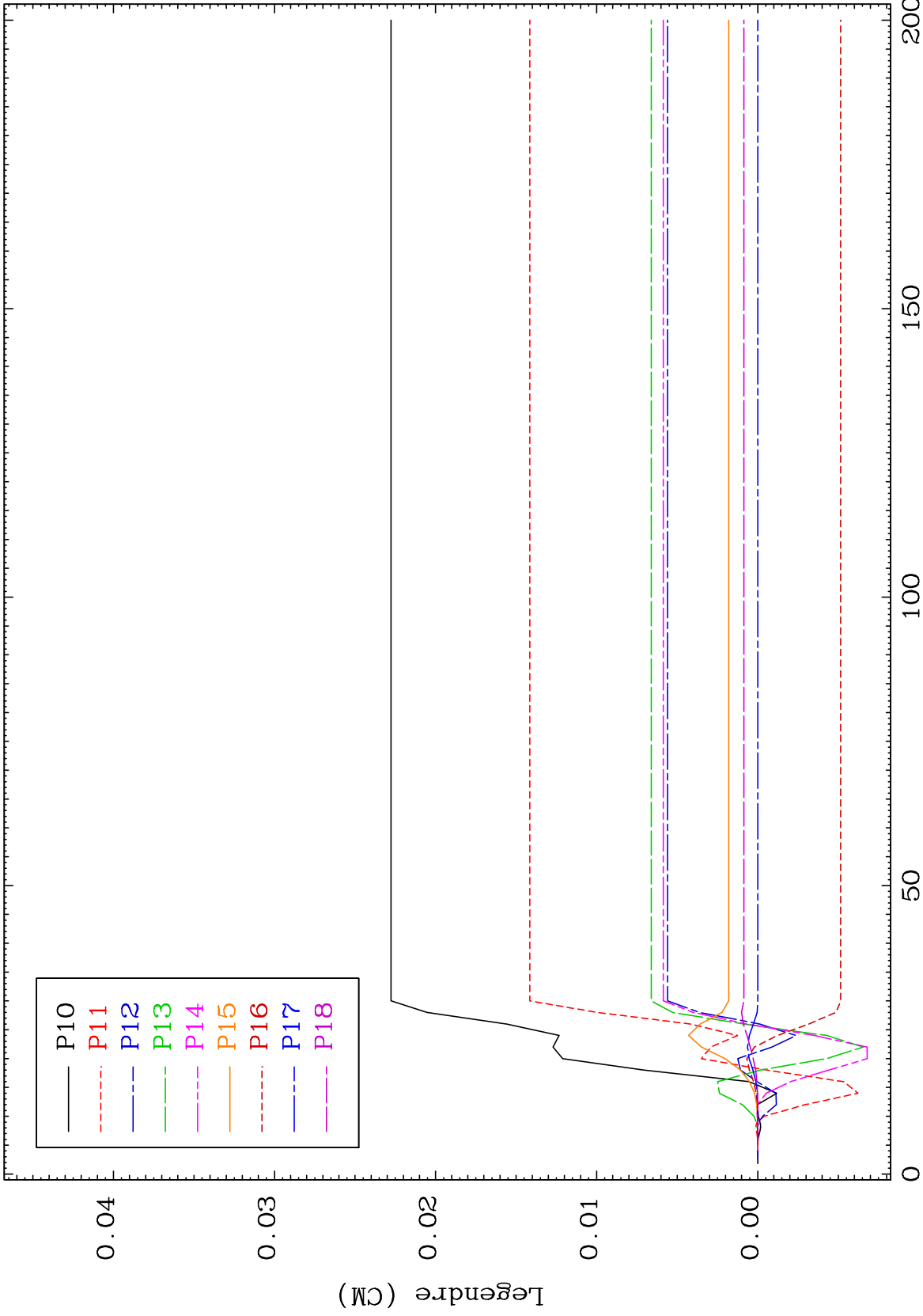
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



46

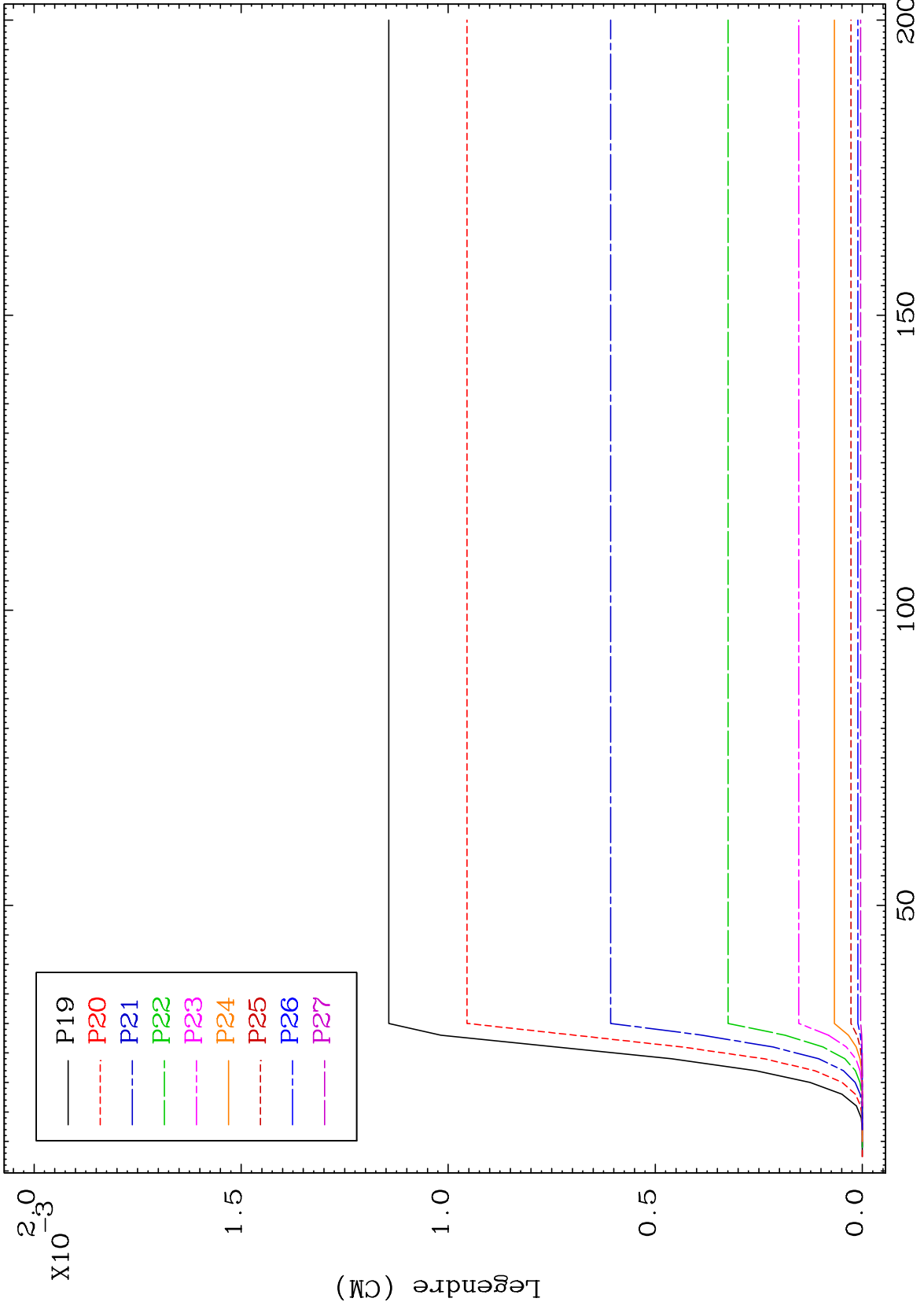
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



47

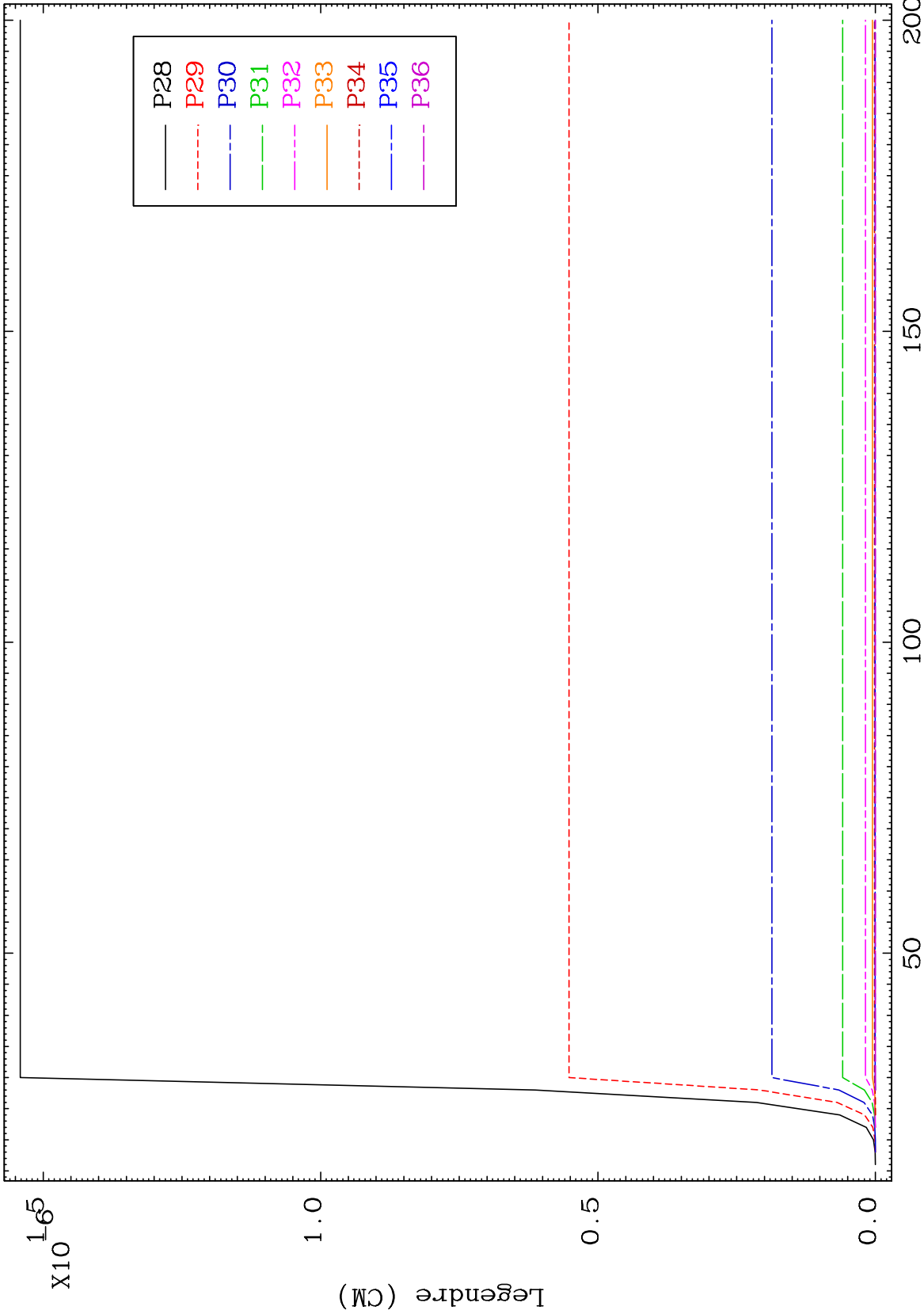
49-In-127



MAT 4967

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

49-In-127



48

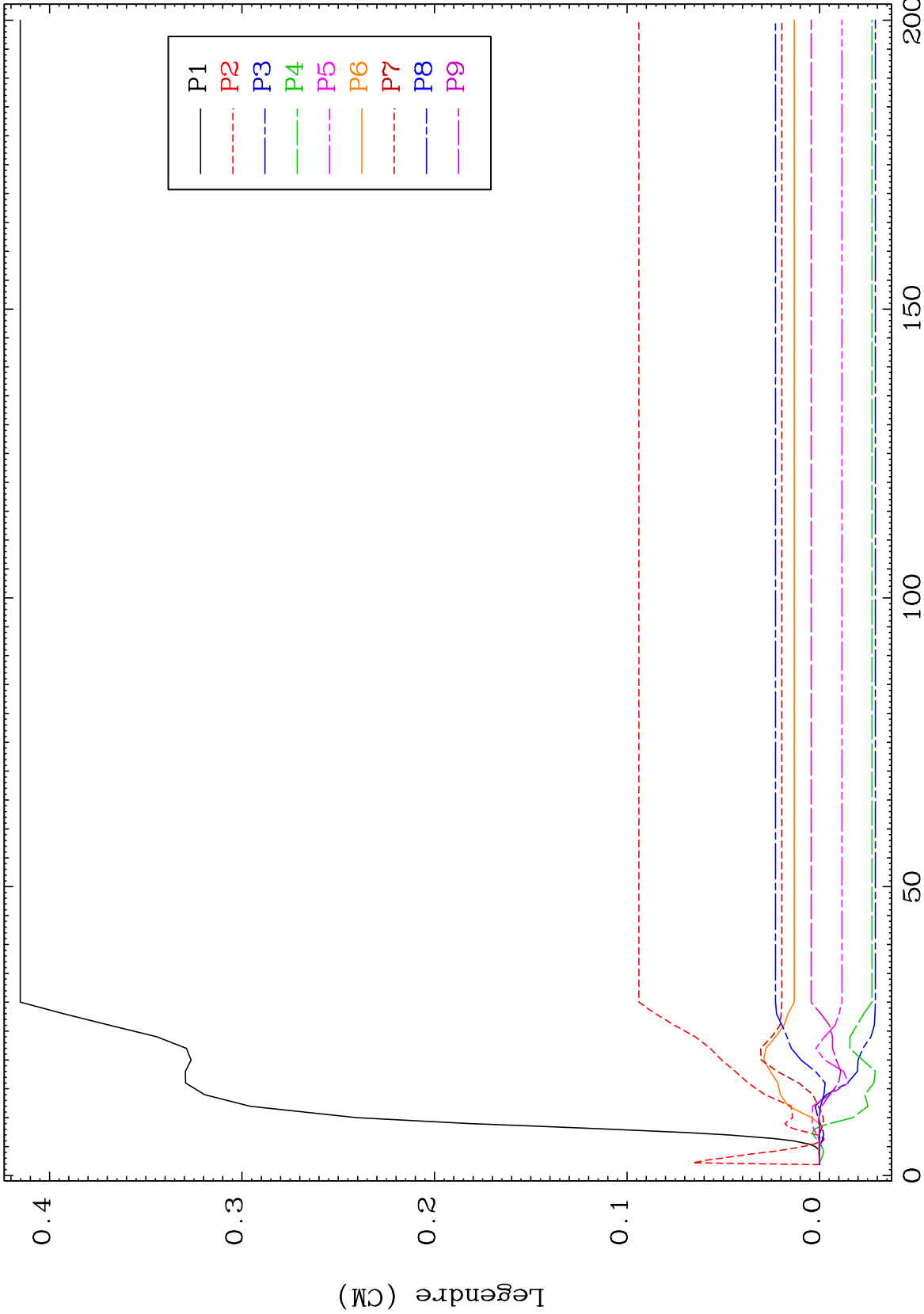
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127

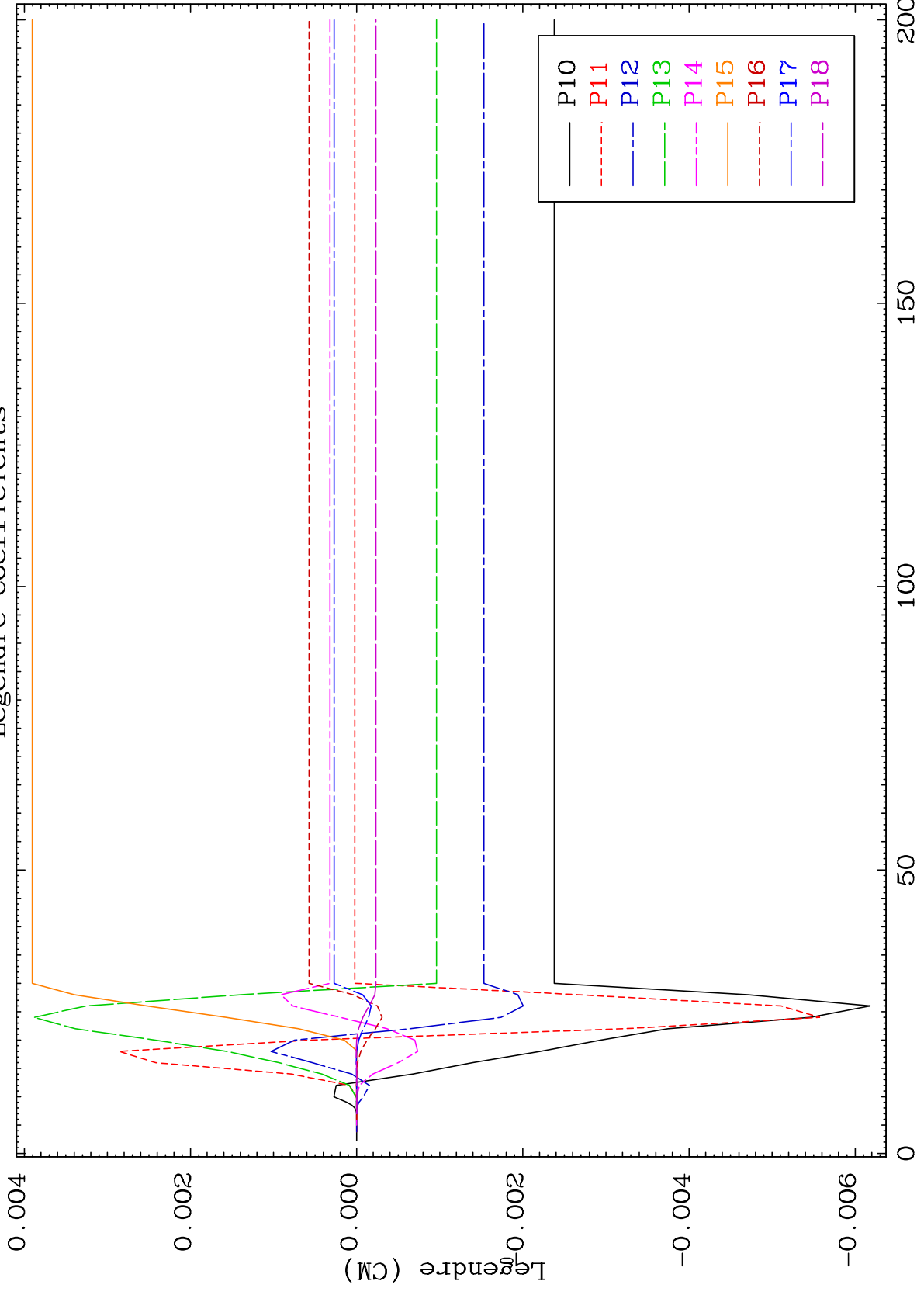


49

Incident Energy (MeV)

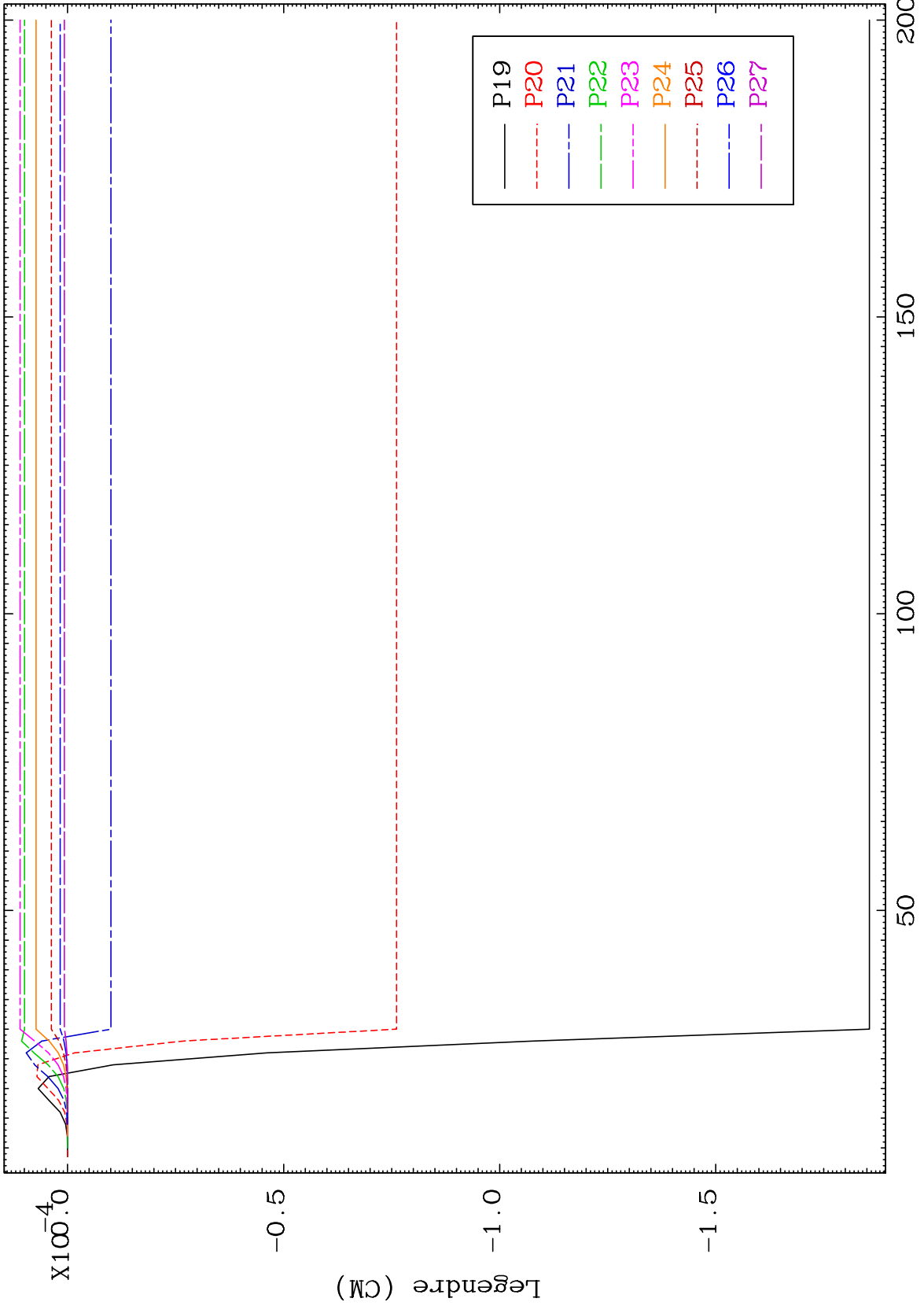
49-In-127

MAT 4967 MT= 59 (n,n') Level Legendre Coefficients 49-In-127



49-In-127

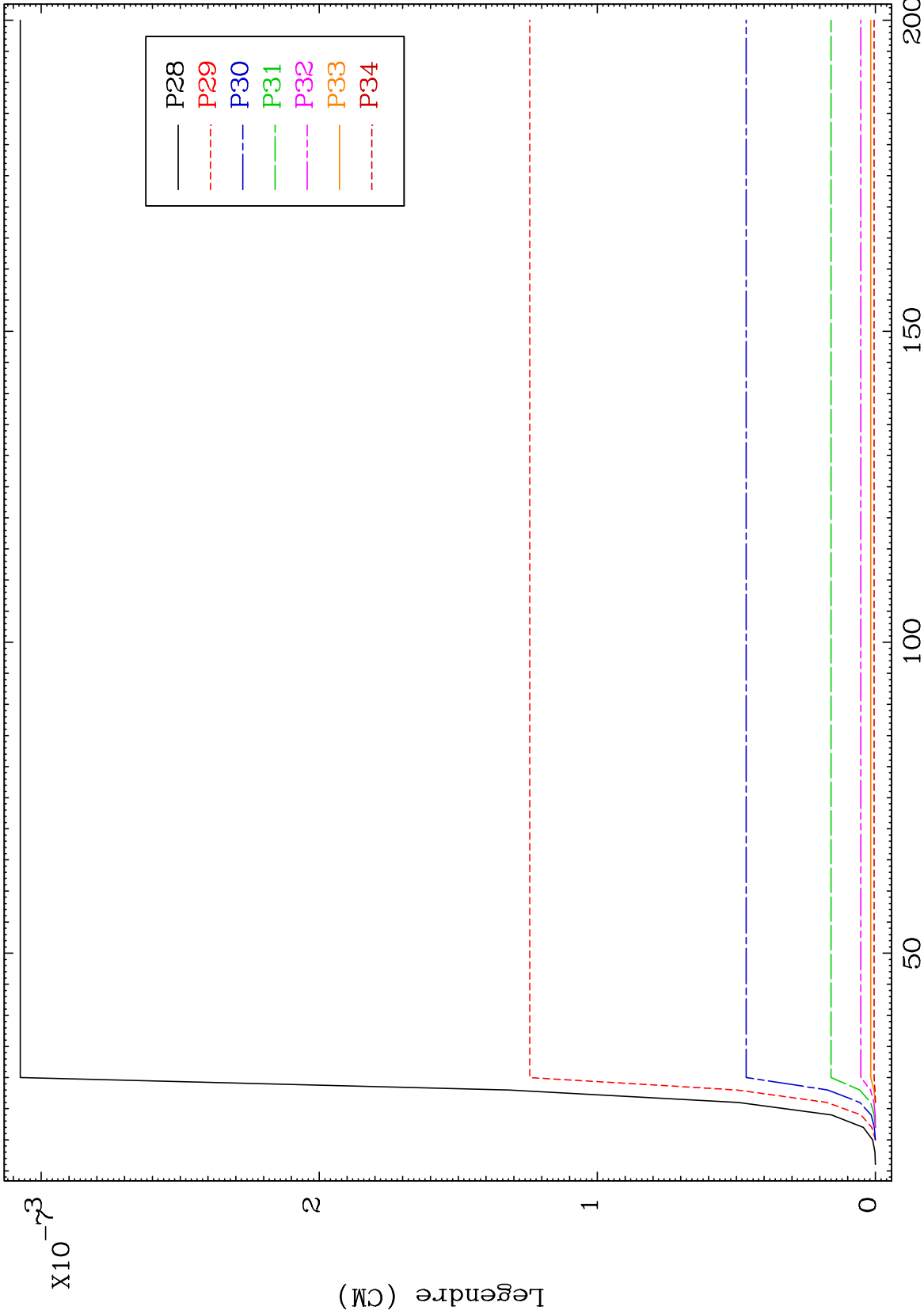
MAT 4967 MT= 59 (n,n') Level Legendre Coefficients 49-In-127



MAT 4967

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

49-In-127



52

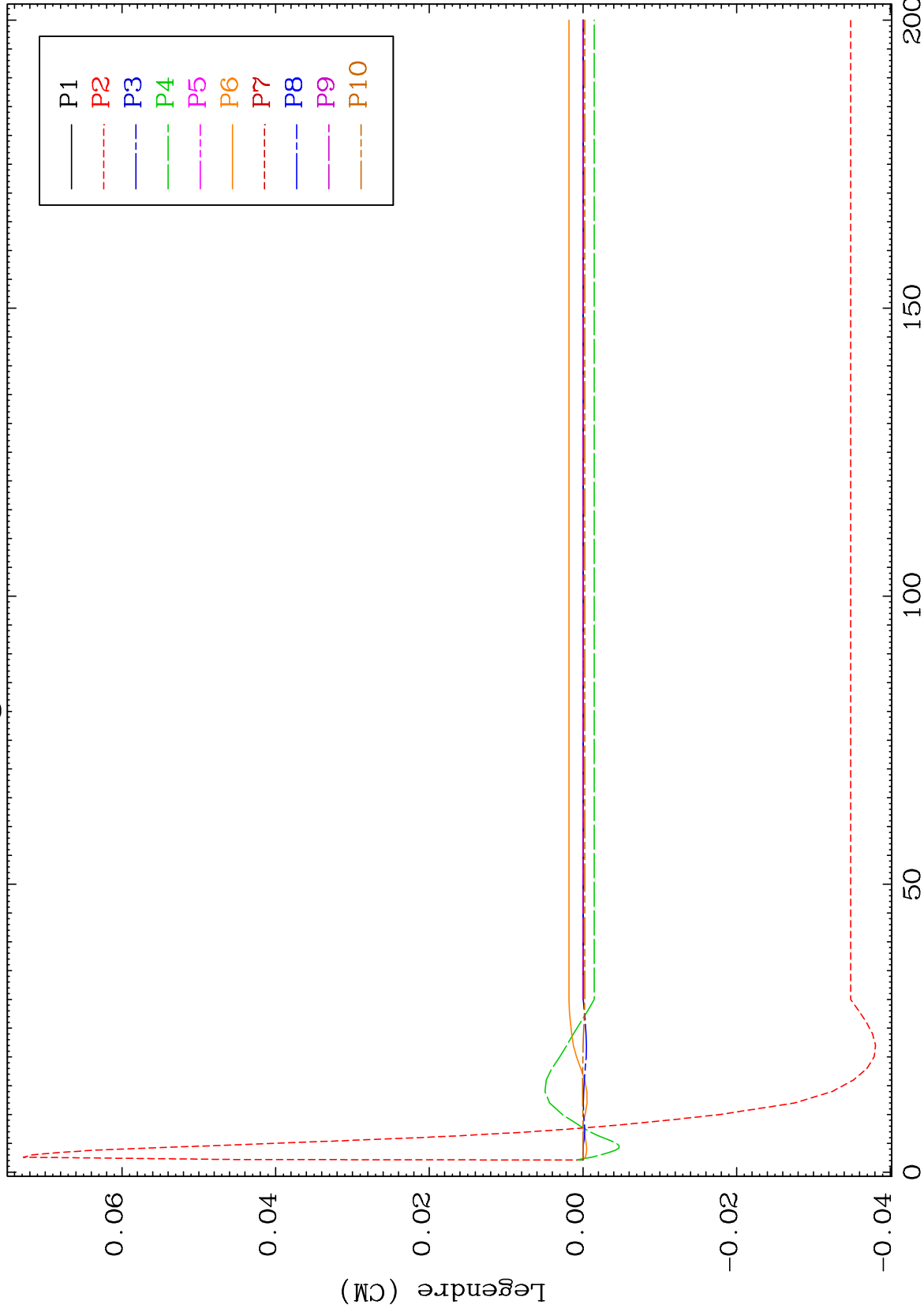
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



53

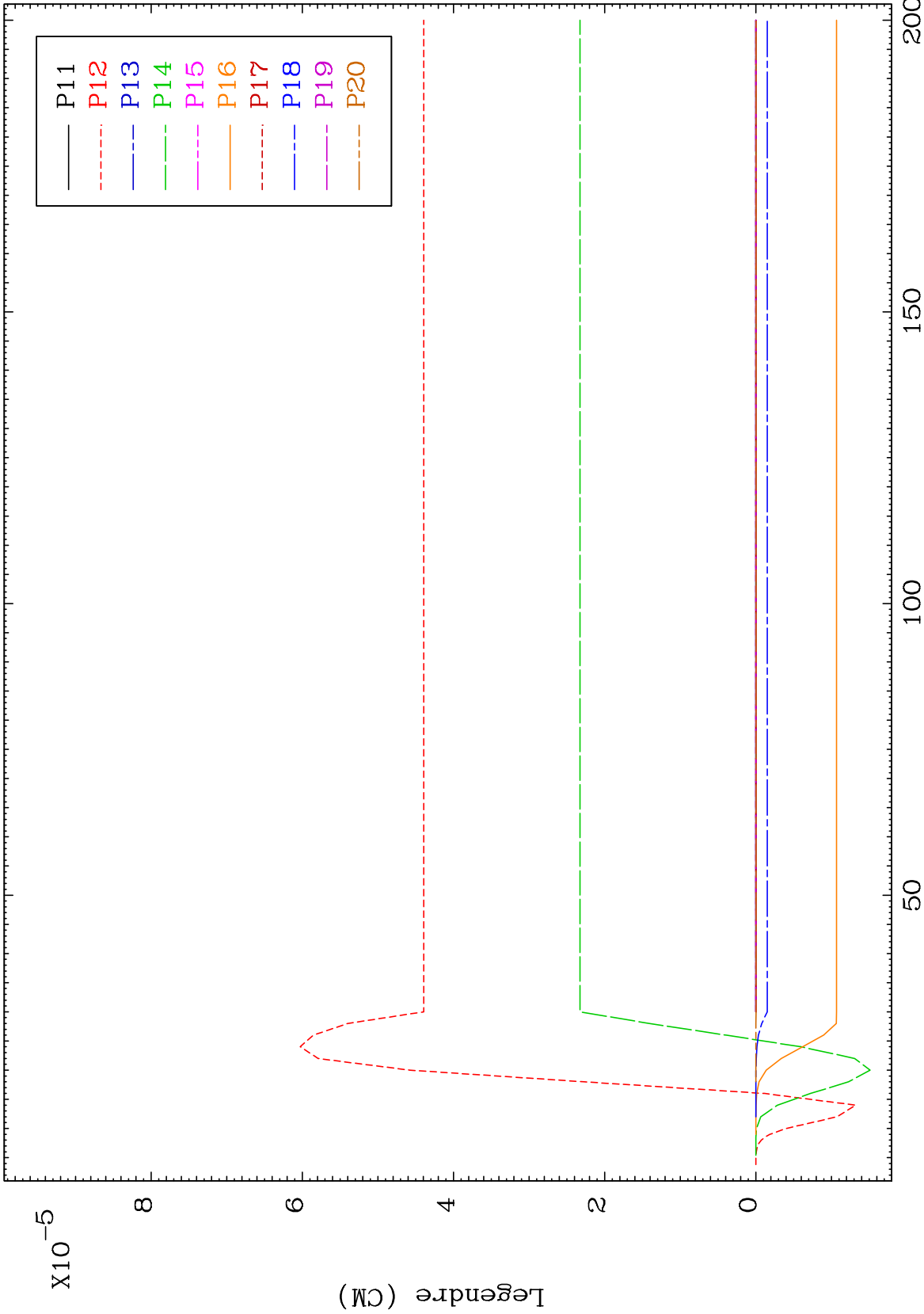
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



54

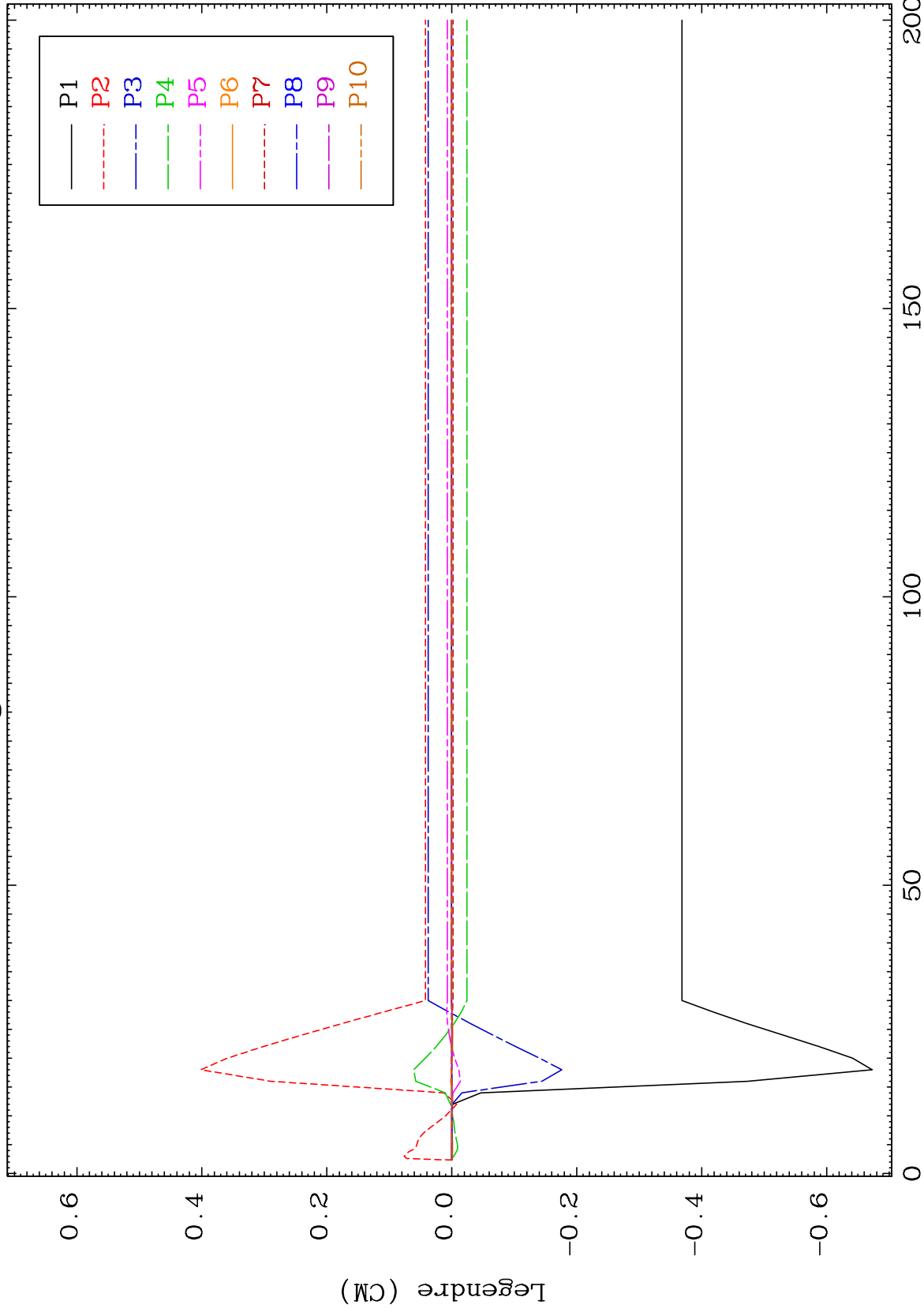
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



55

Incident Energy (MeV)

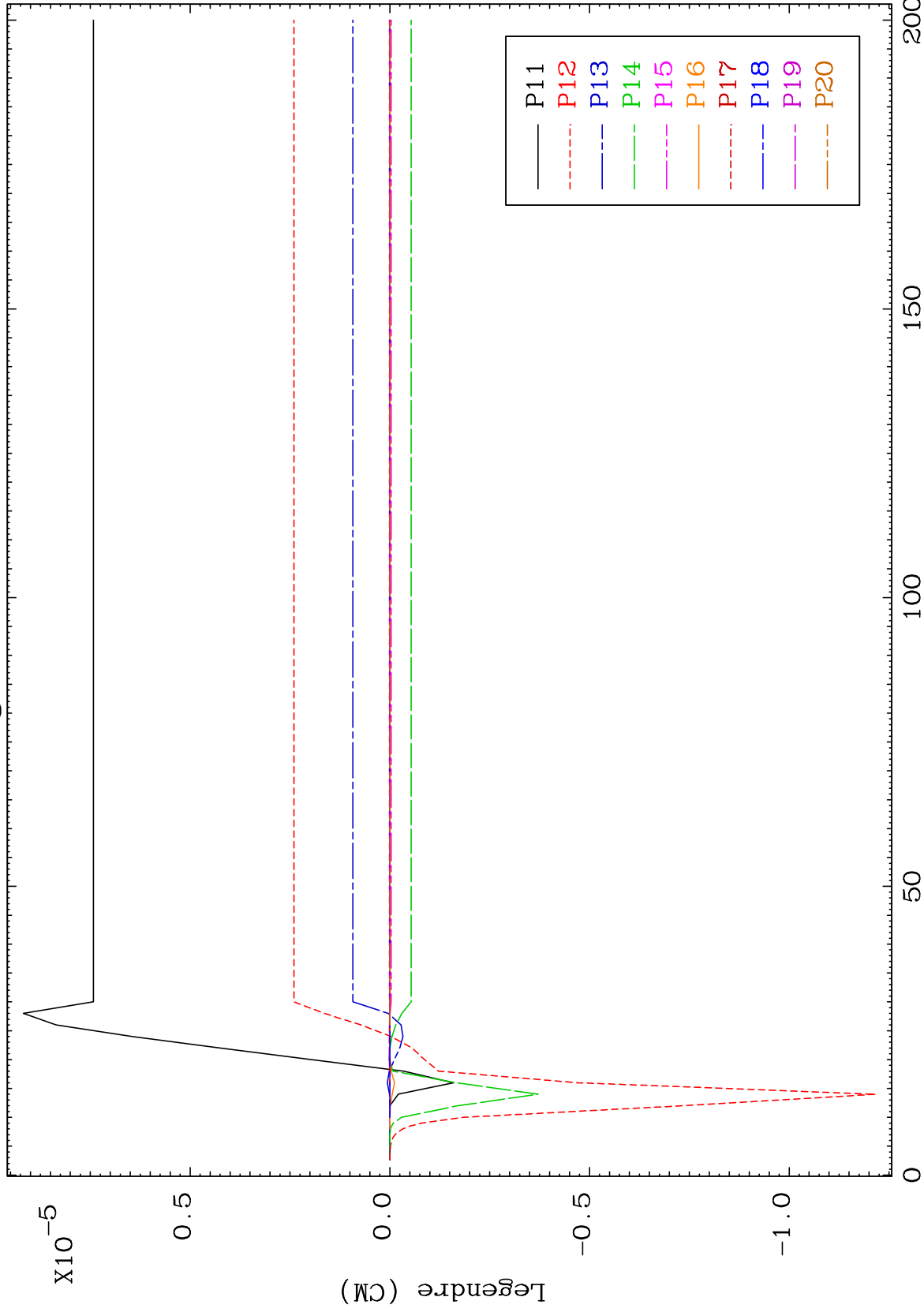
49-In-127



MAT 4967

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

49-In-127



56

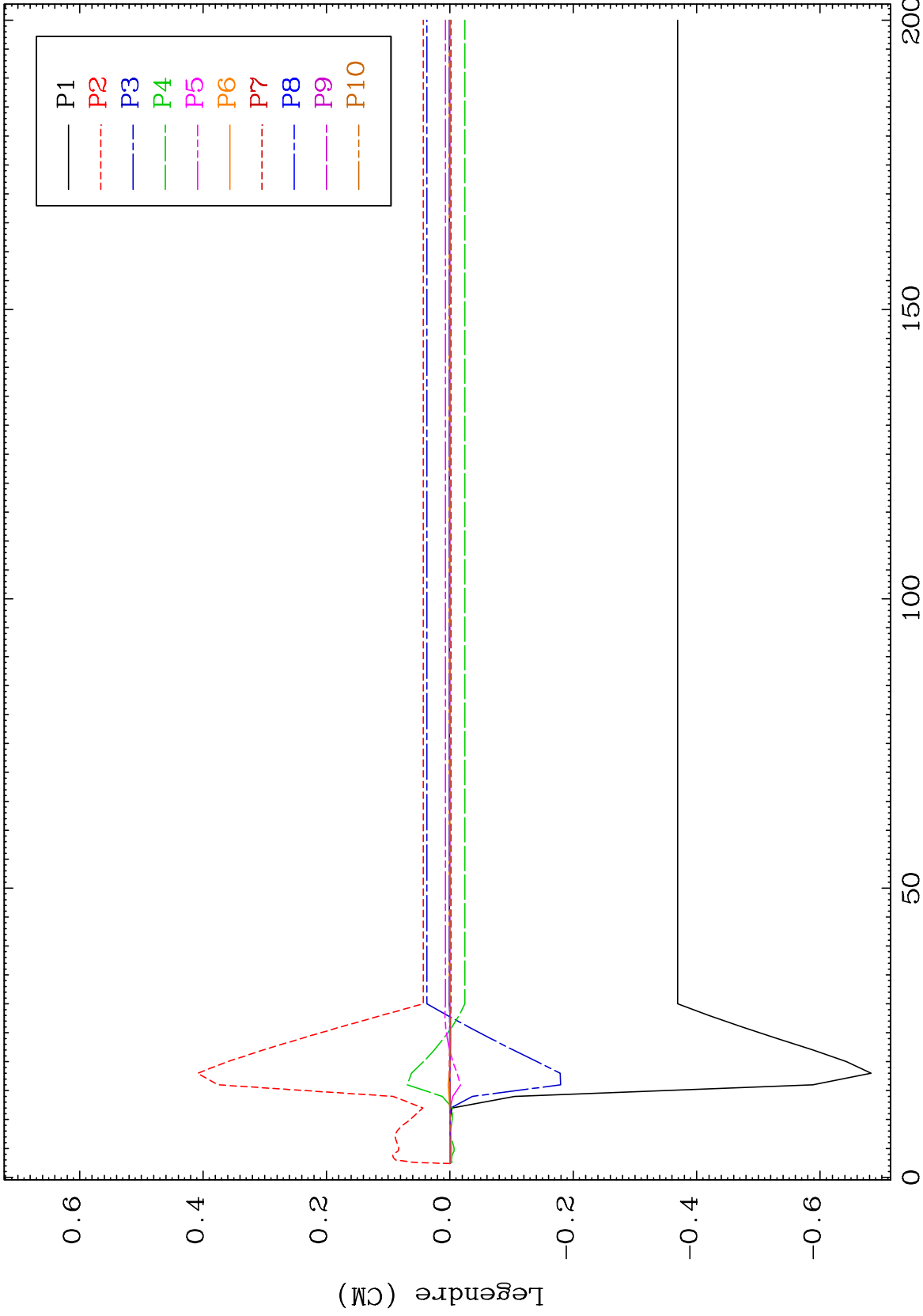
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



57

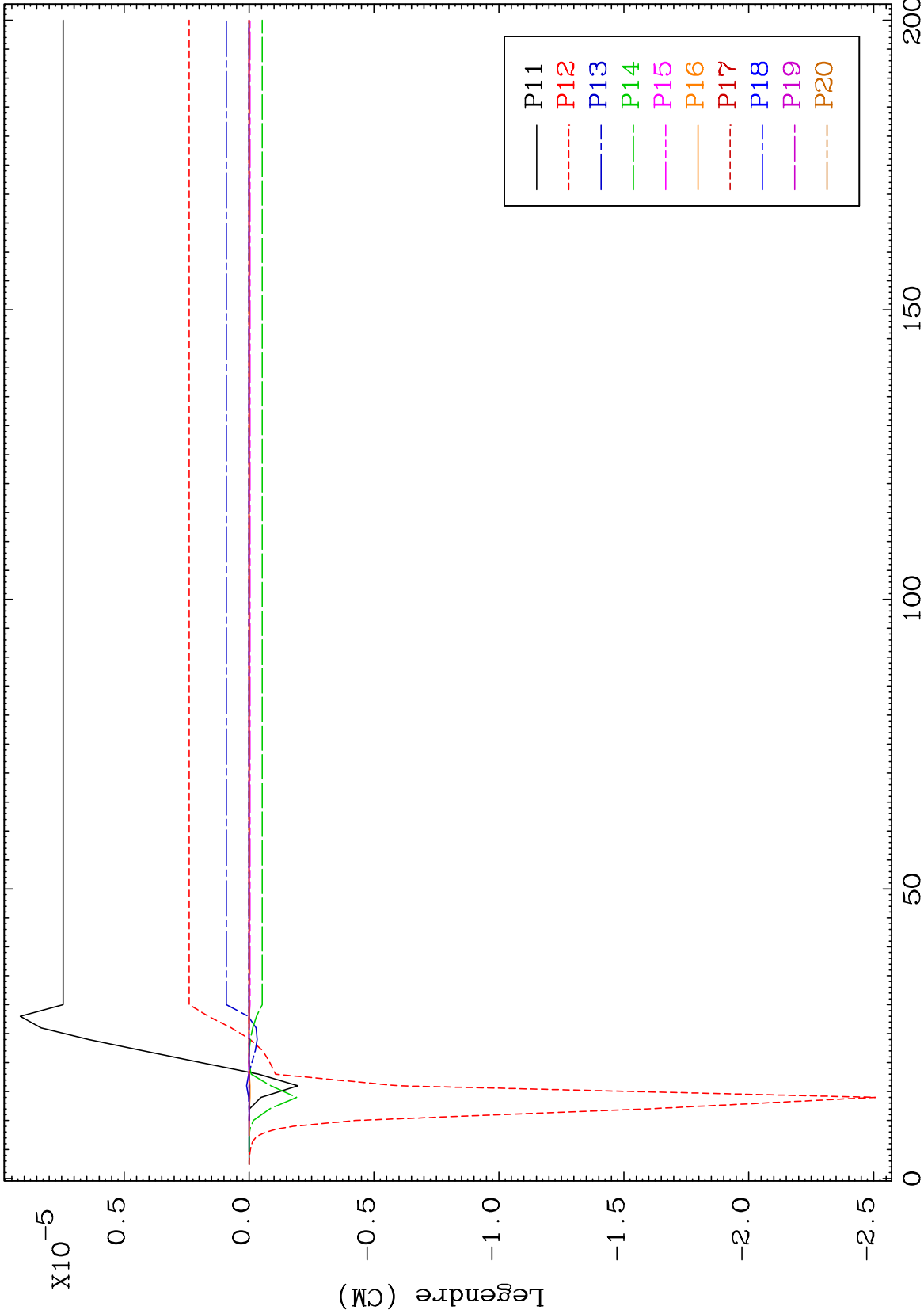
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



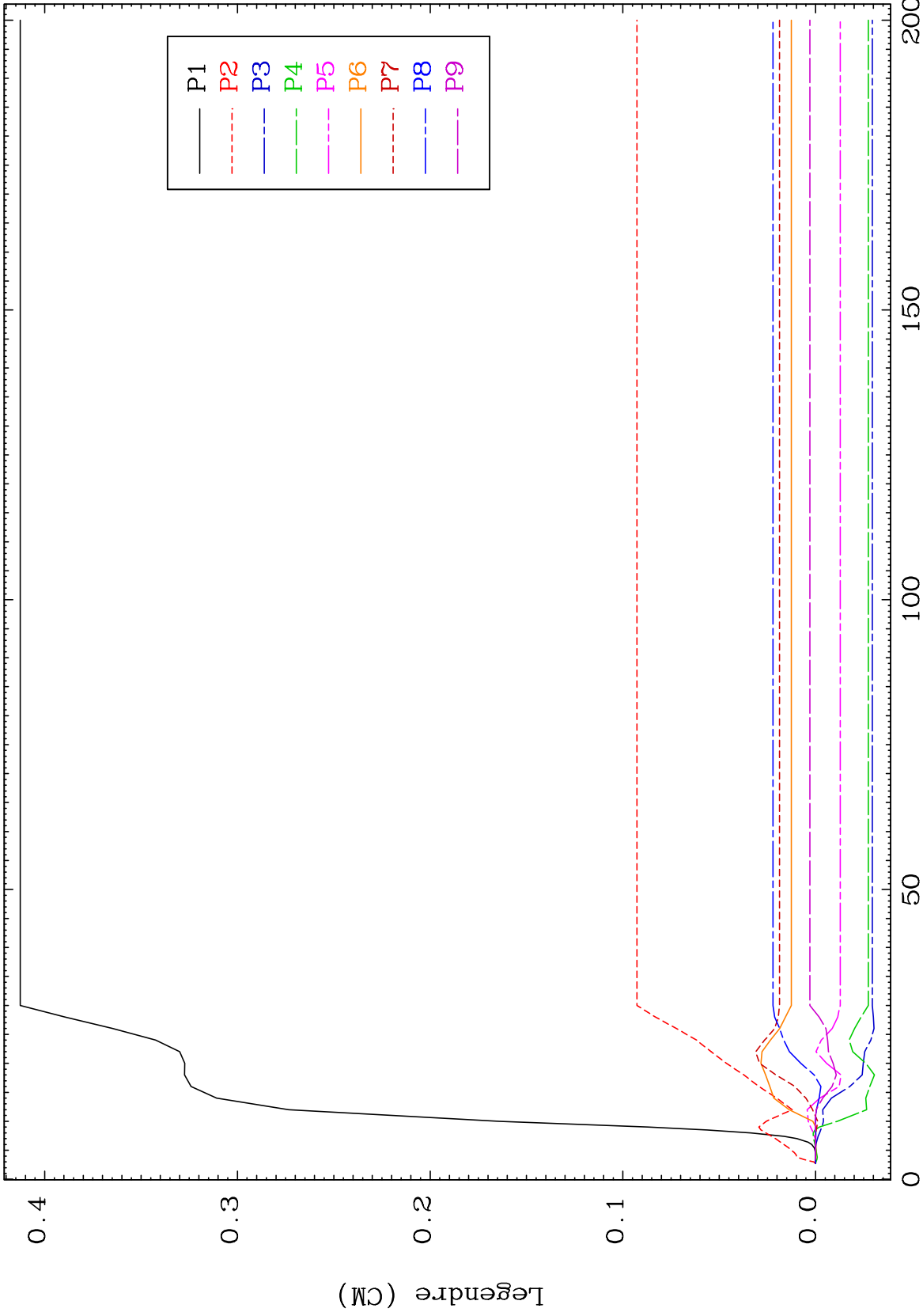
58

49-In-127

MAT 4967

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

49-In-127



59

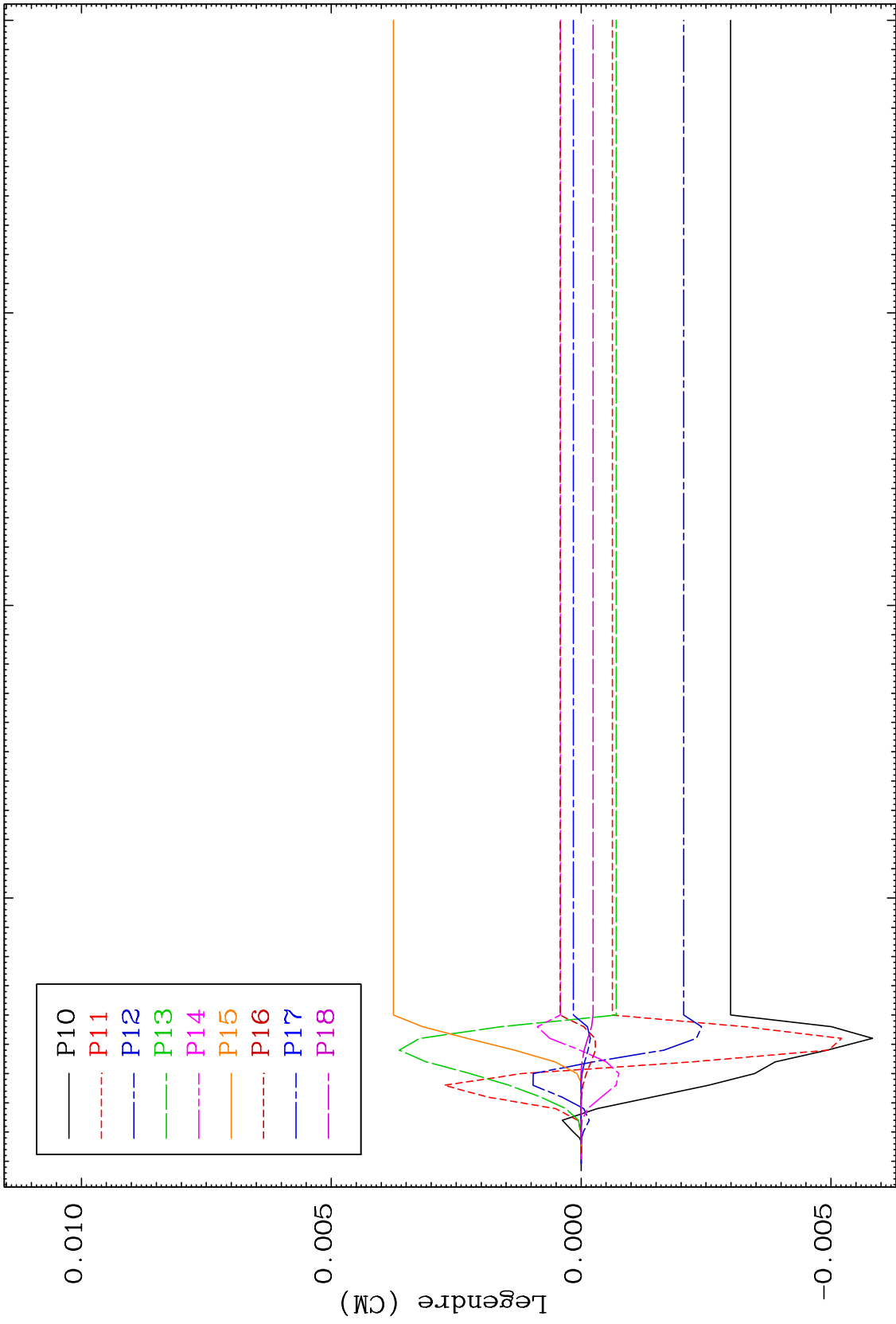
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



60

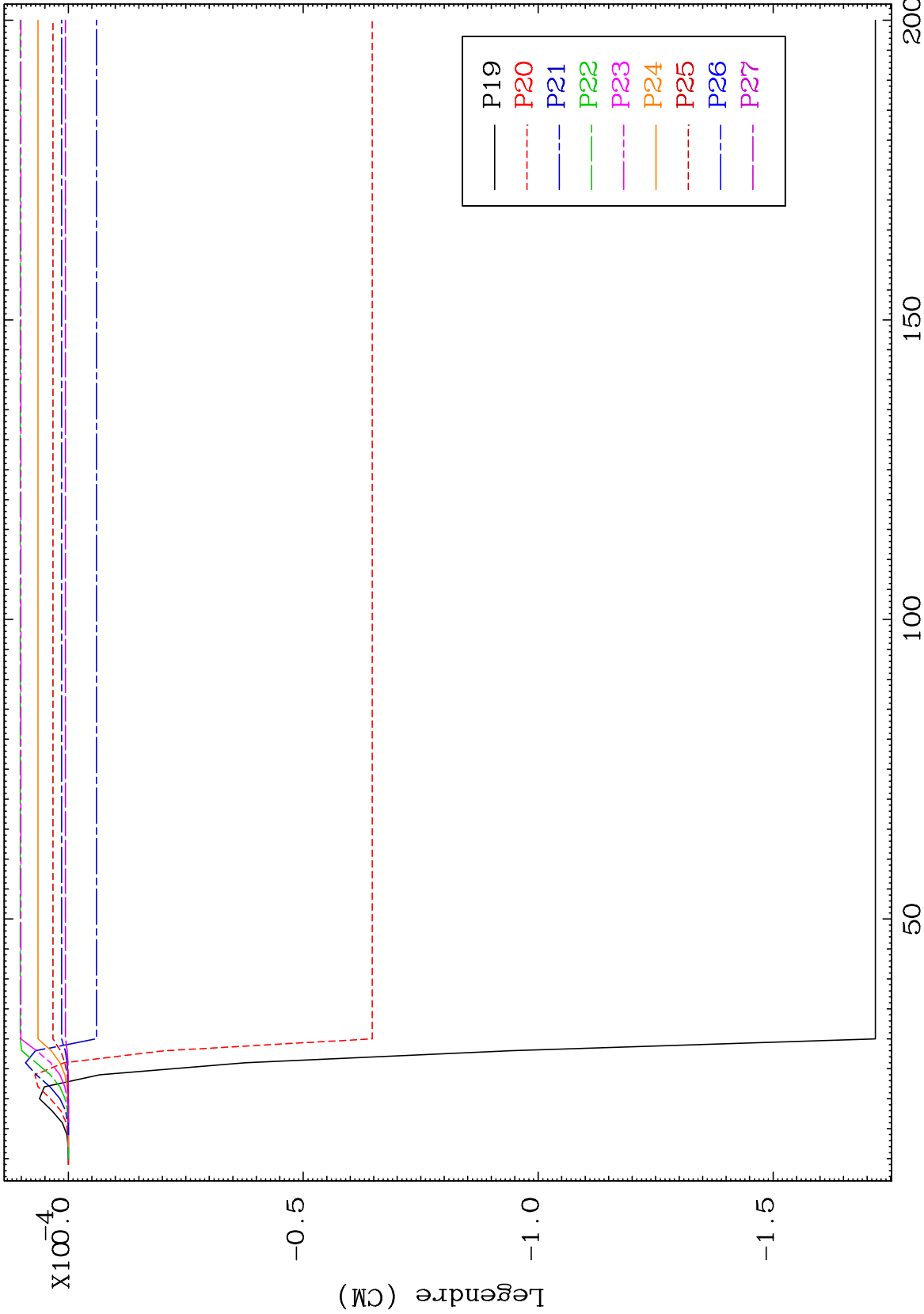
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



61

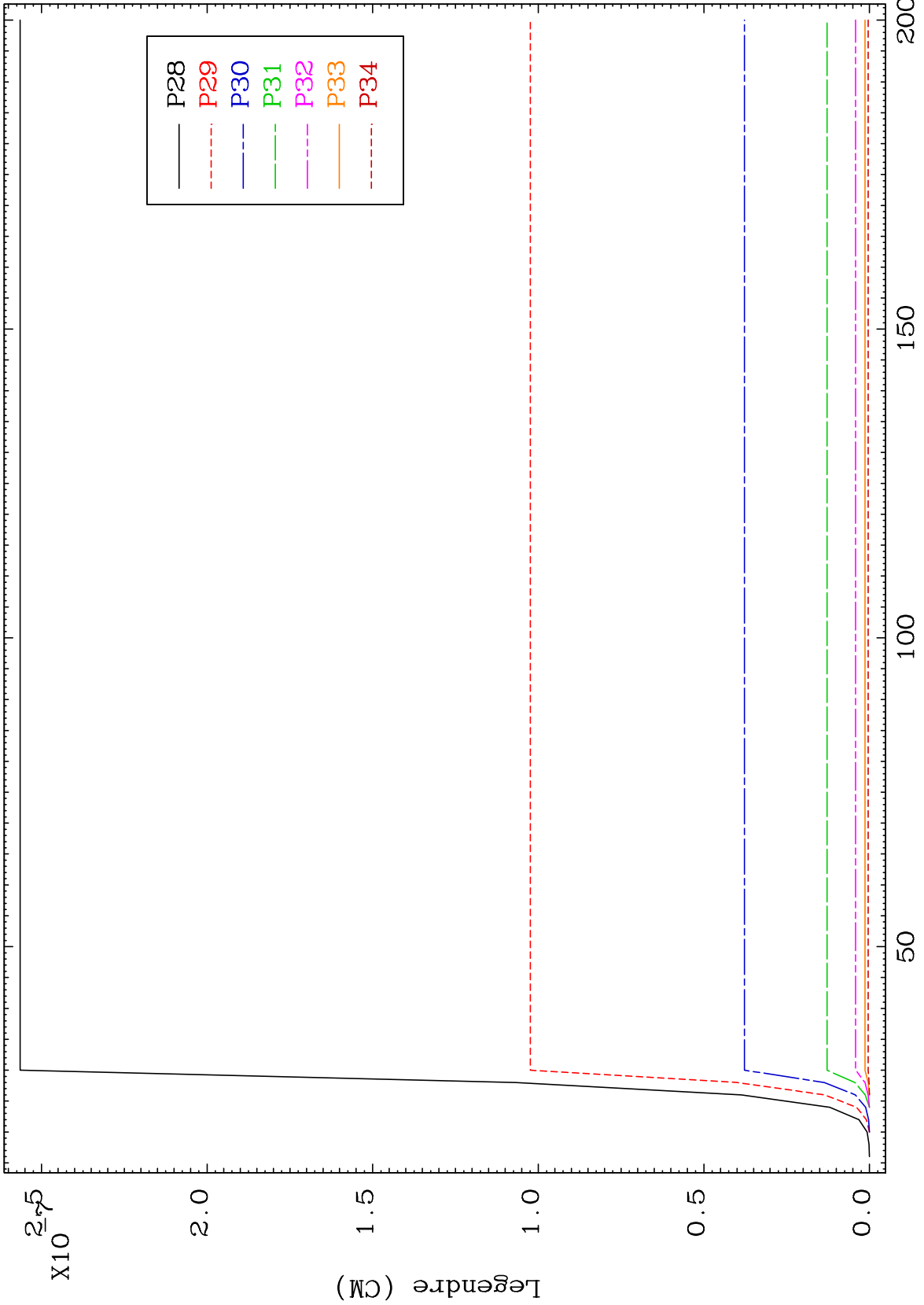
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



62

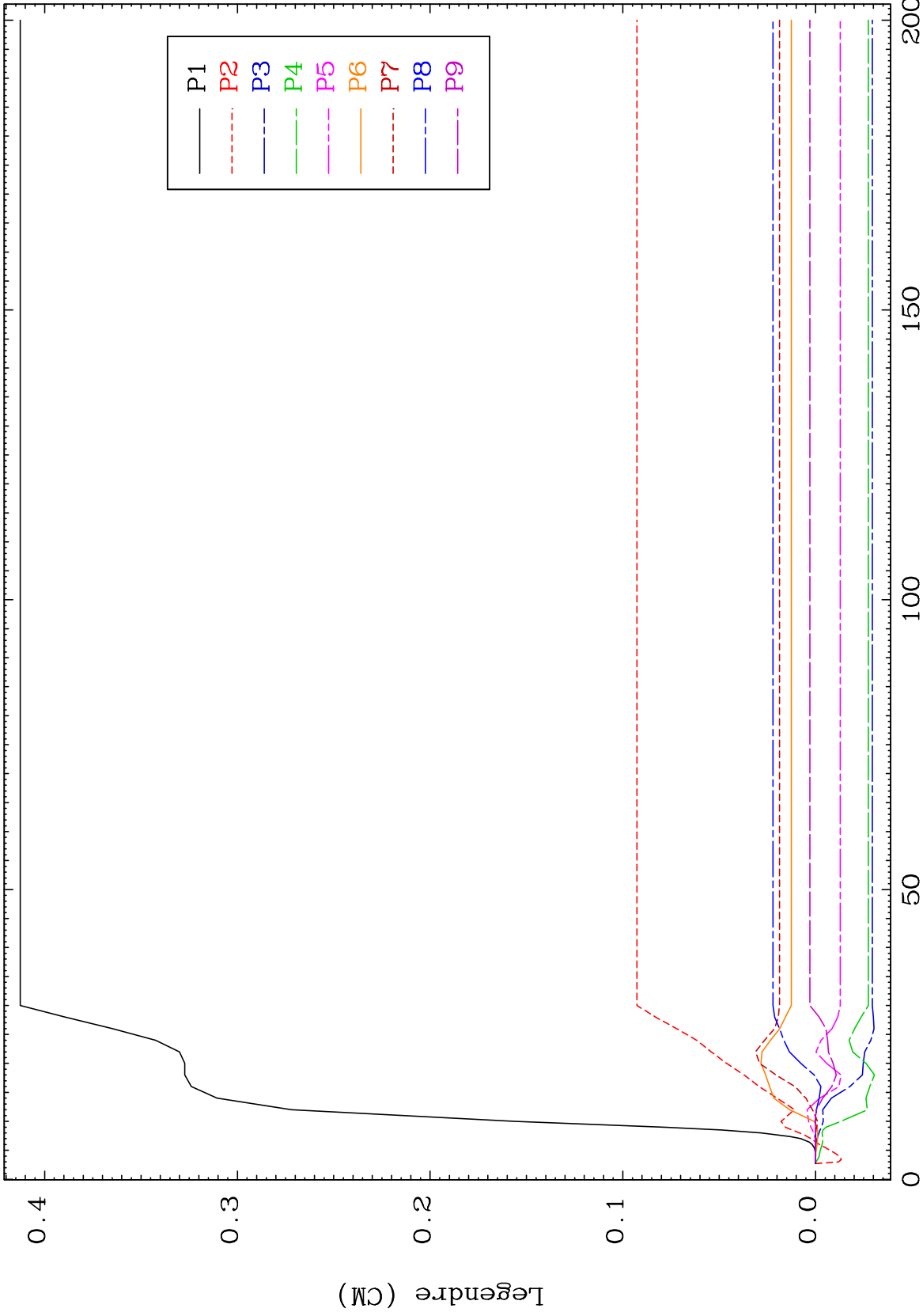
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



63

Incident Energy (MeV)

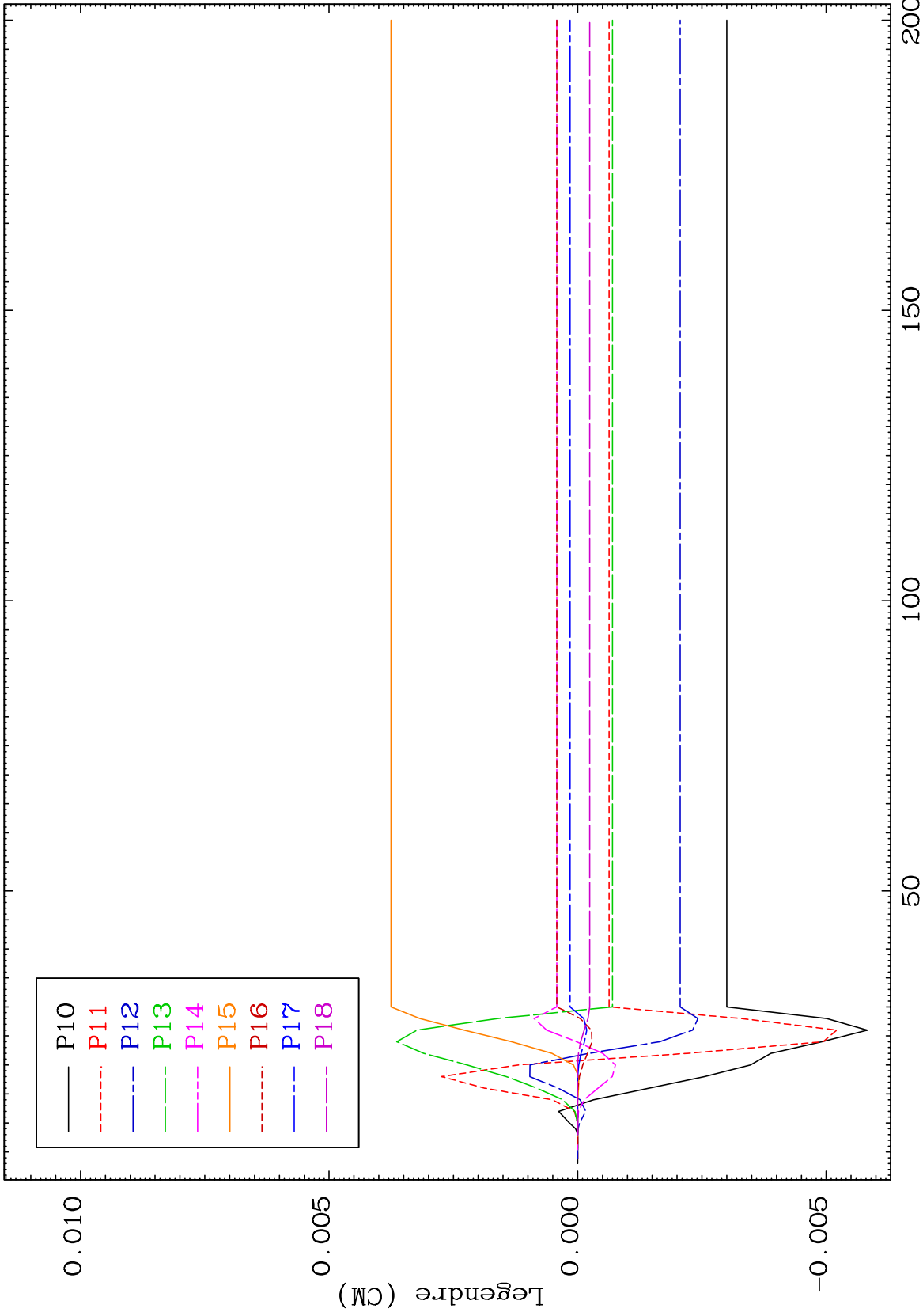
49-In-127



MAT 4967

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

49-In-127



64

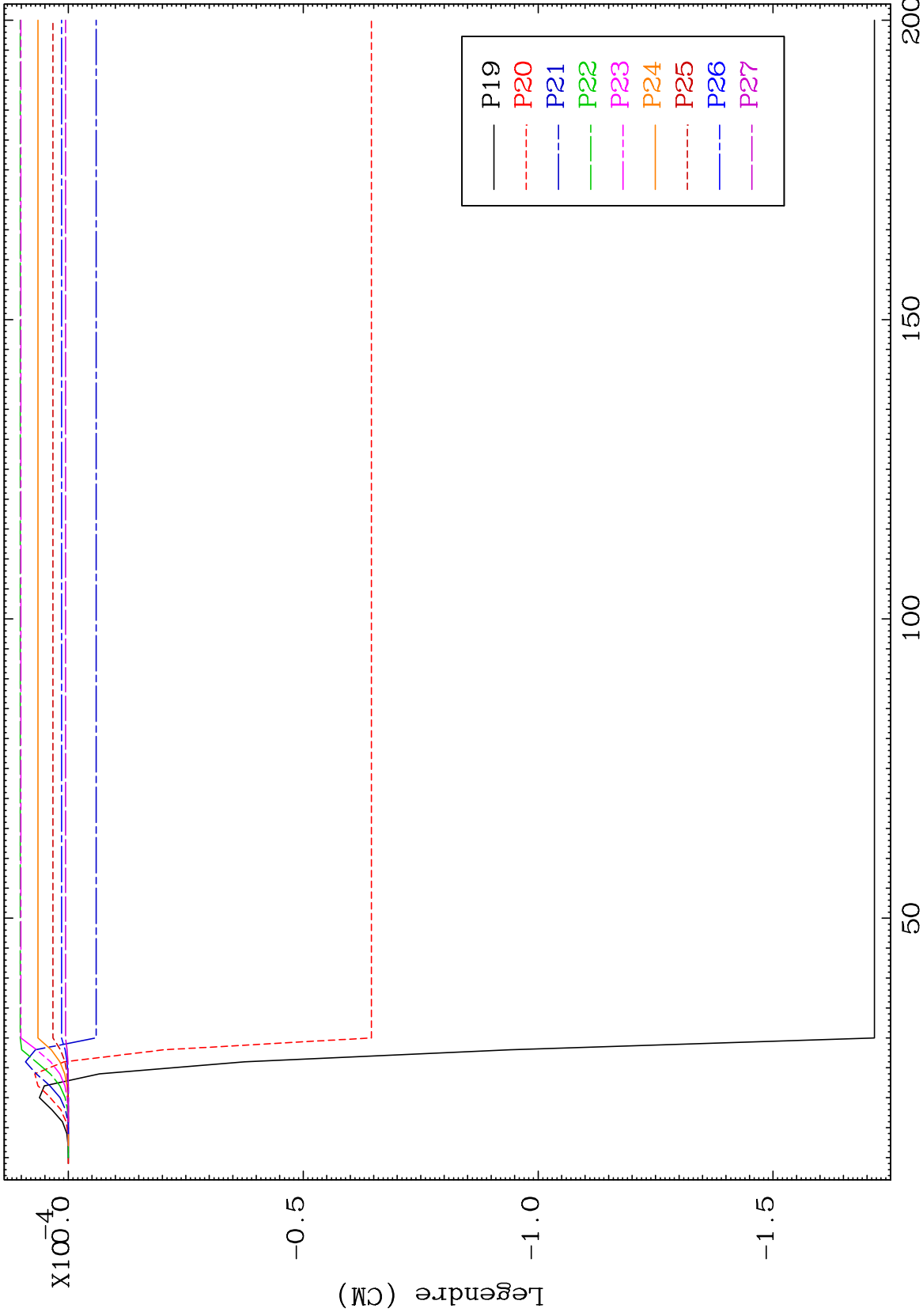
Incident Energy (MeV)

49-In-127

MAT 4967

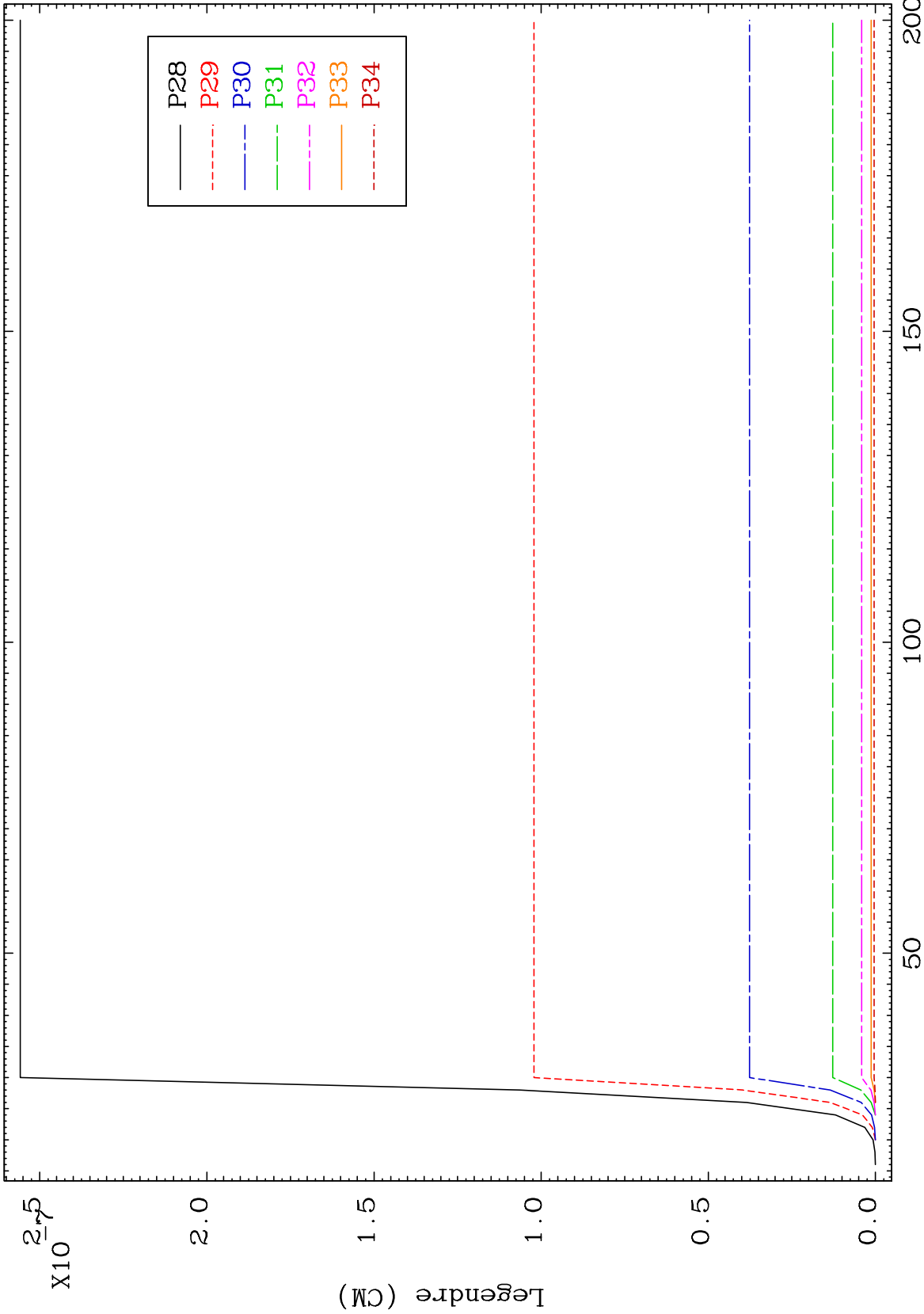
MT= 64 (n,n') Level  
Legendre Coefficients

49-In-127



65

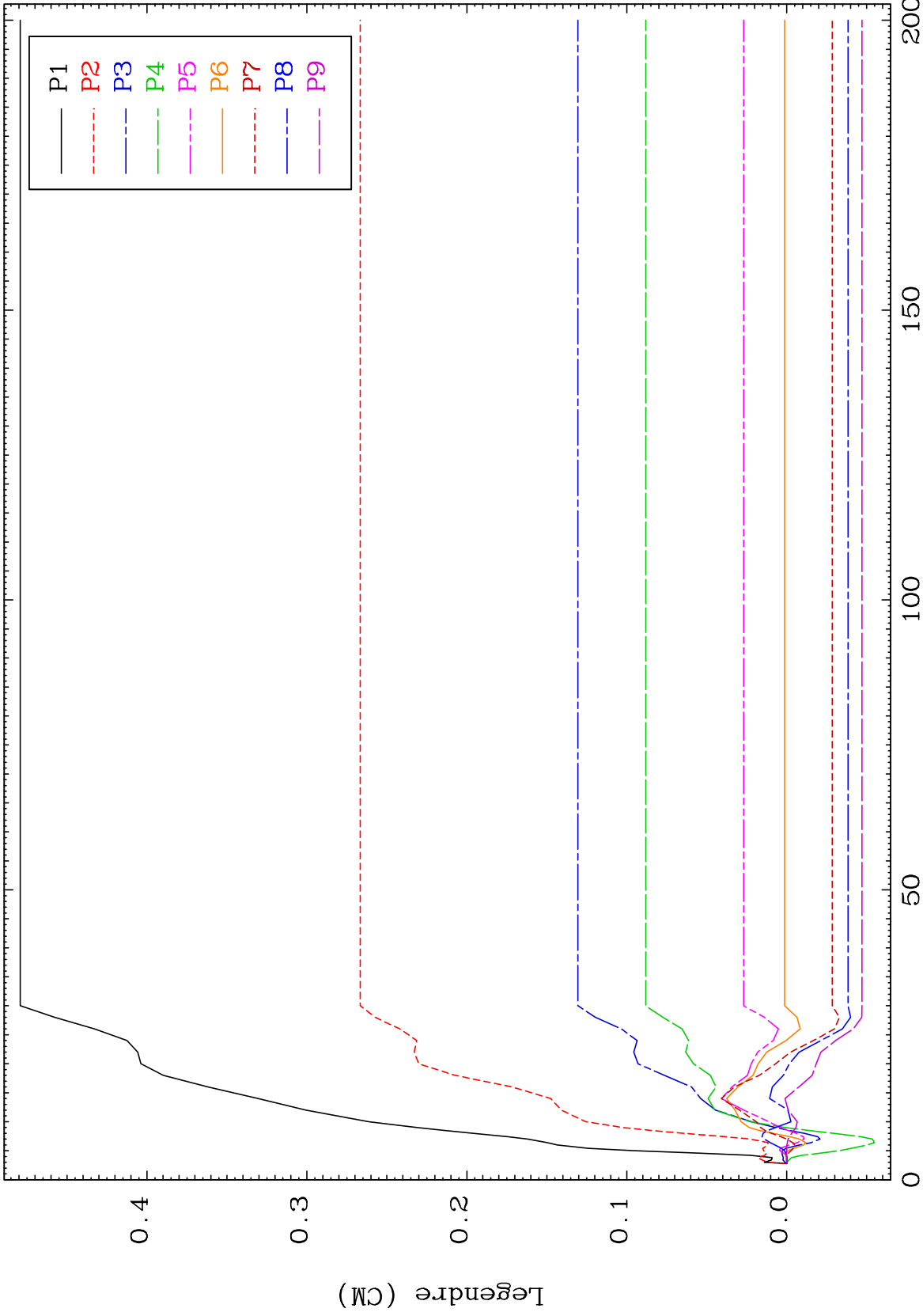
49-In-127



MAT 4967

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

49-In-127



67

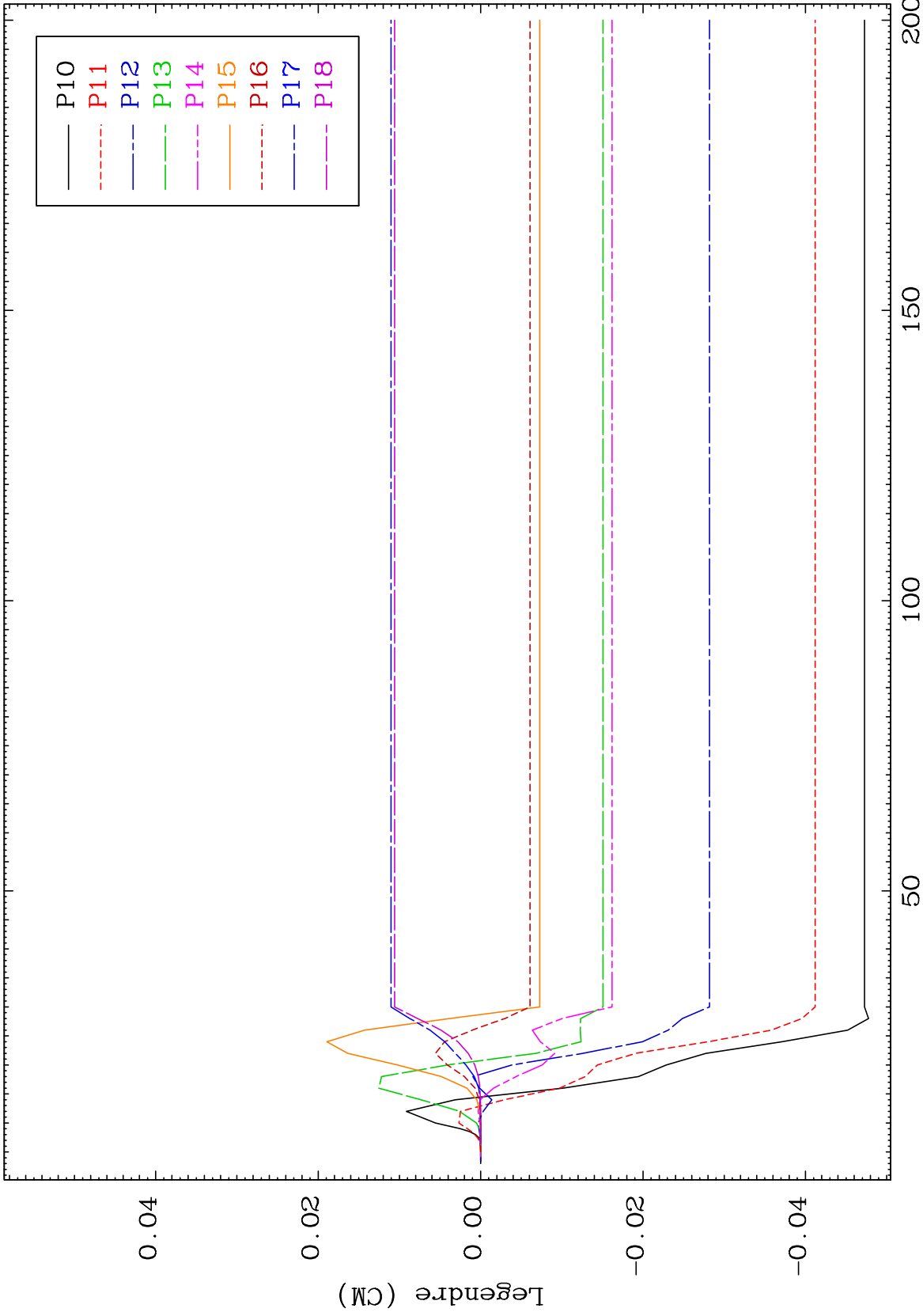
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



68

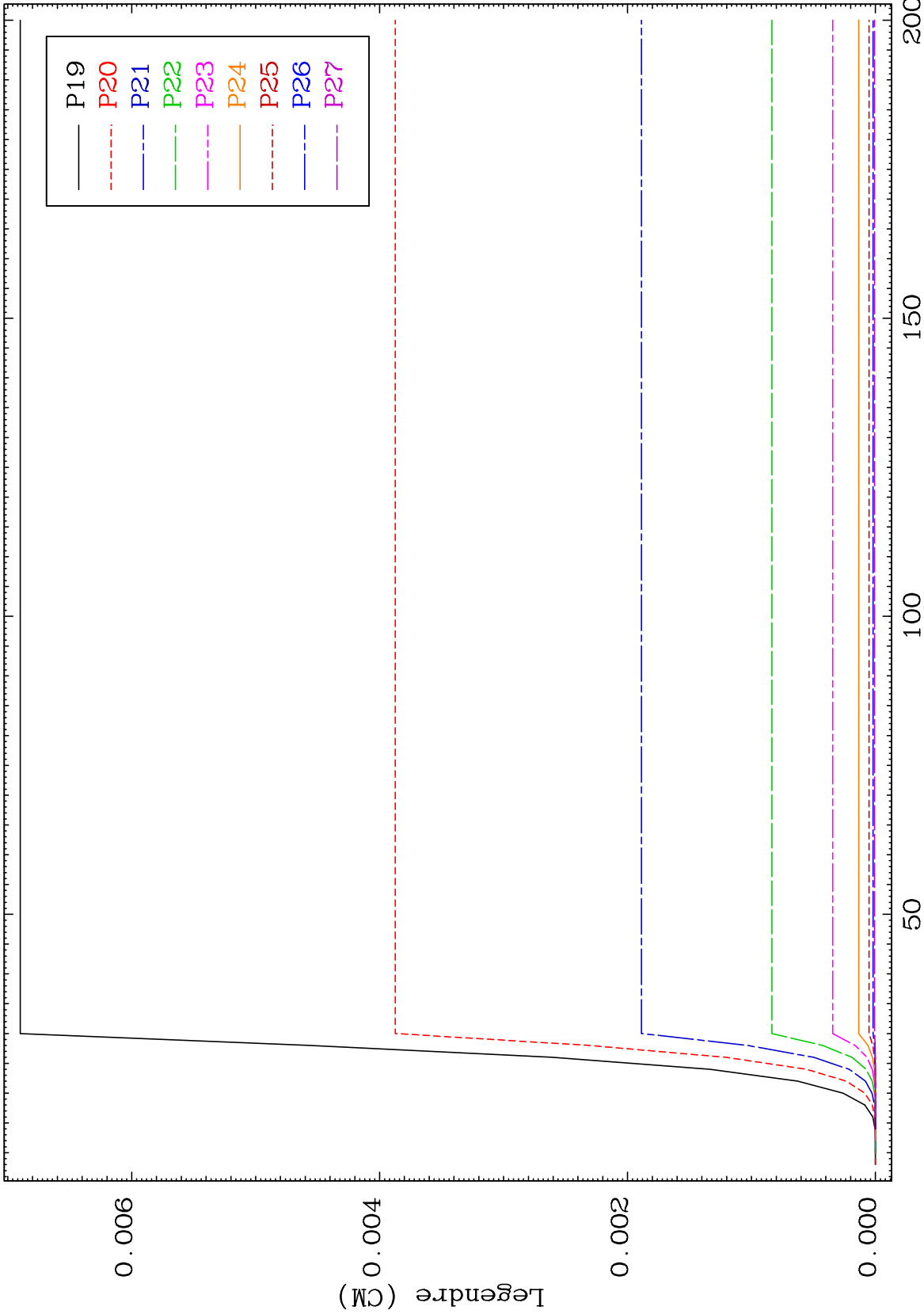
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



69

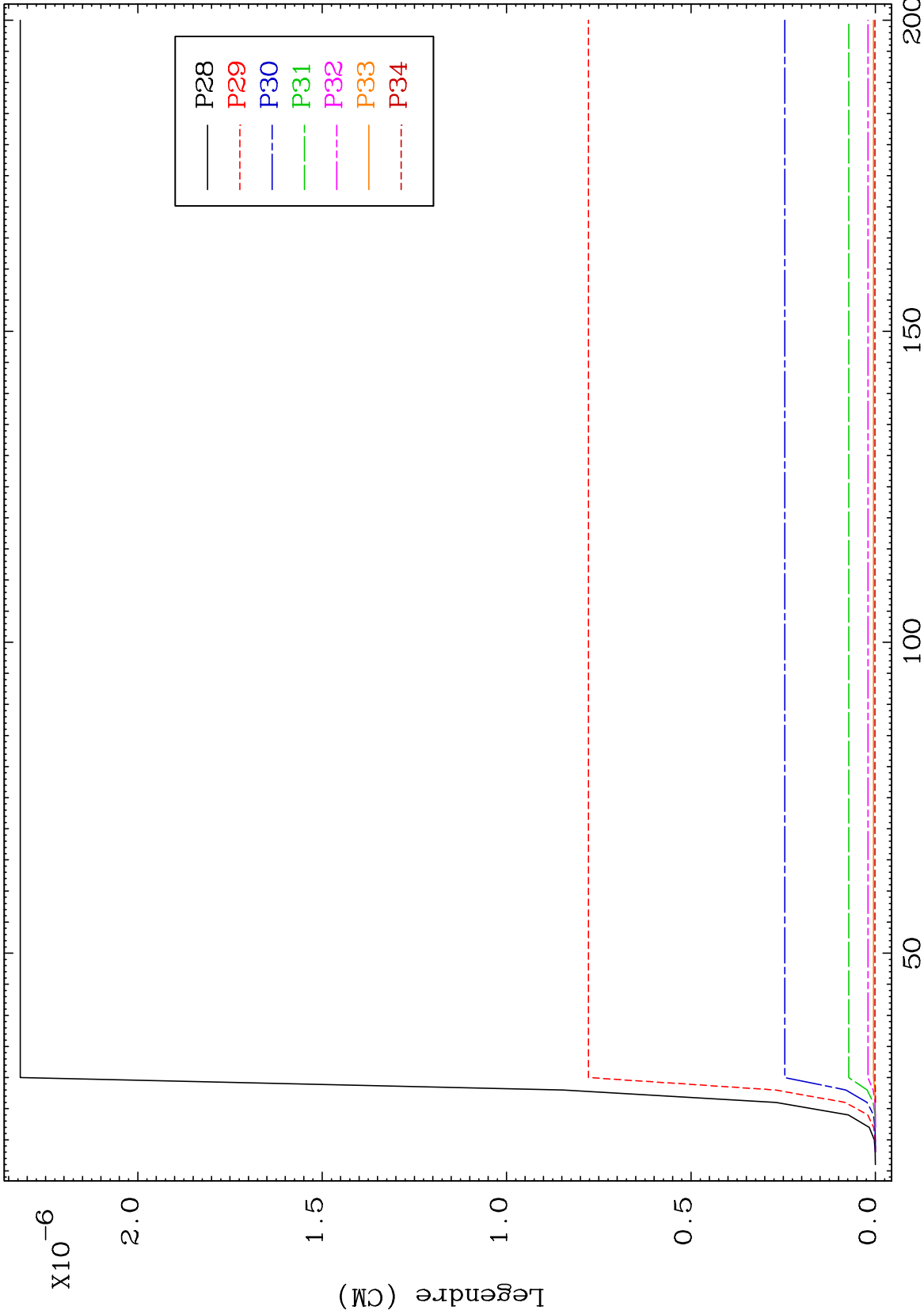
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



70

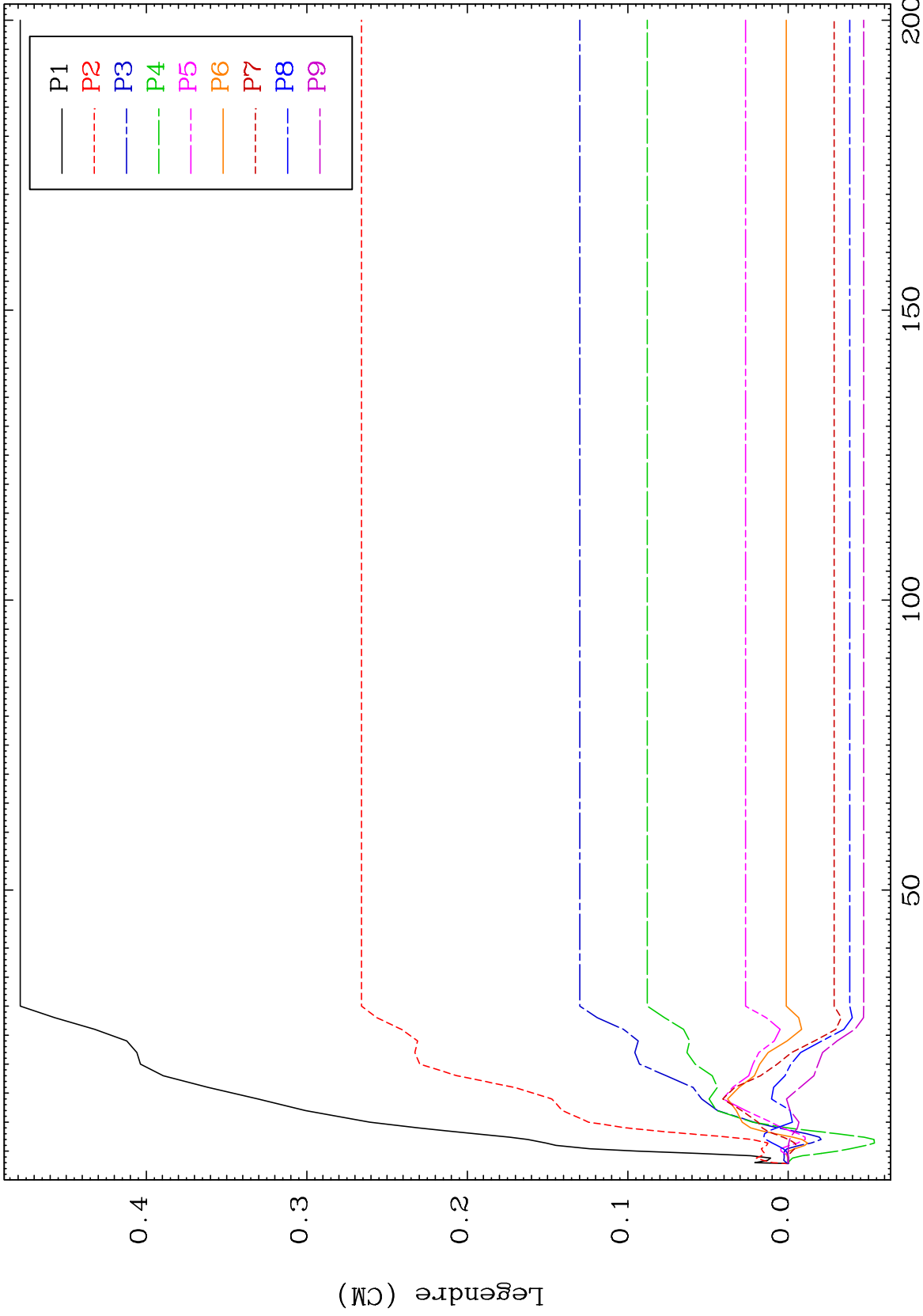
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



71

Incident Energy (MeV)

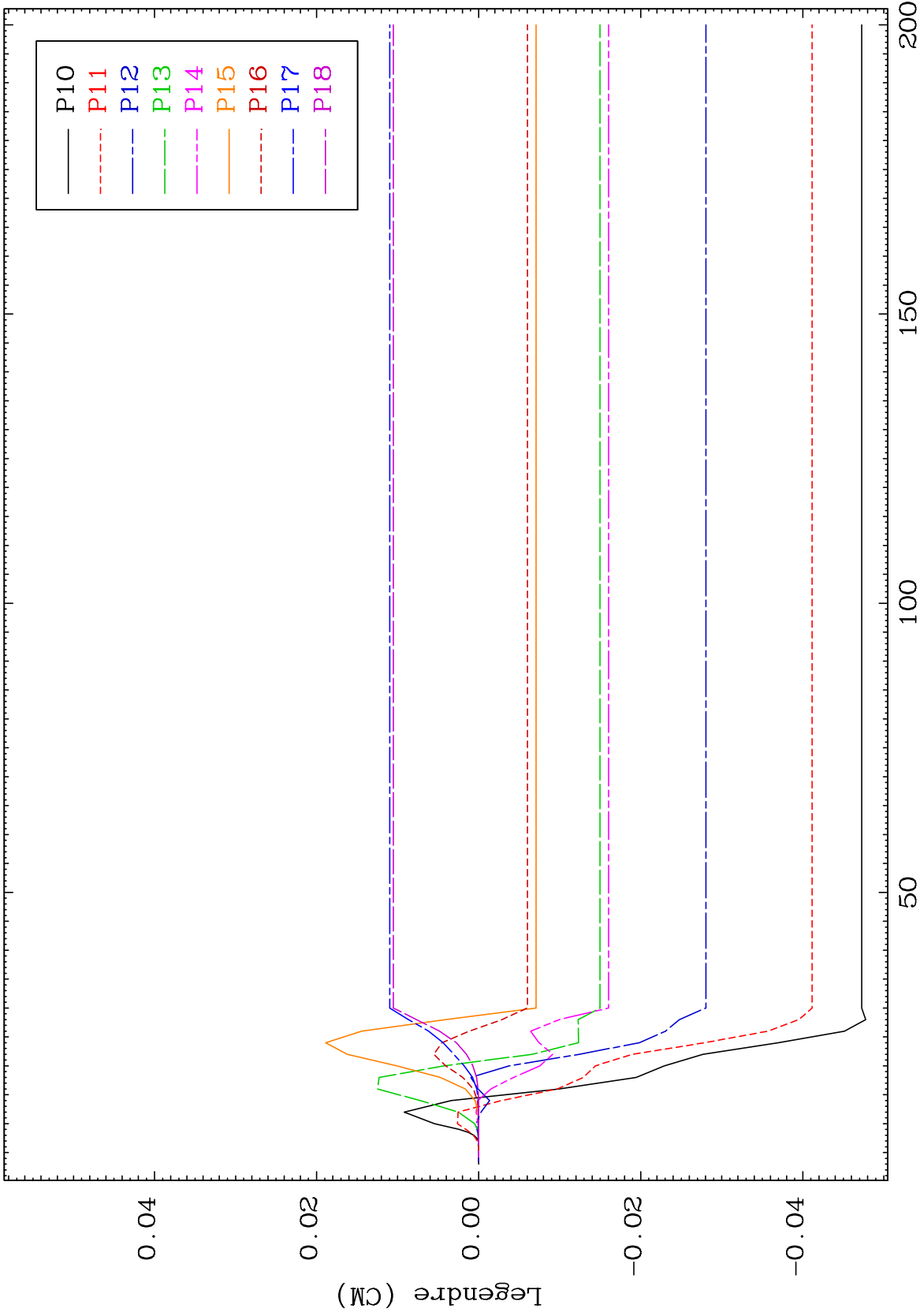
49-In-127



MAT 4967

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

49-In-127



72

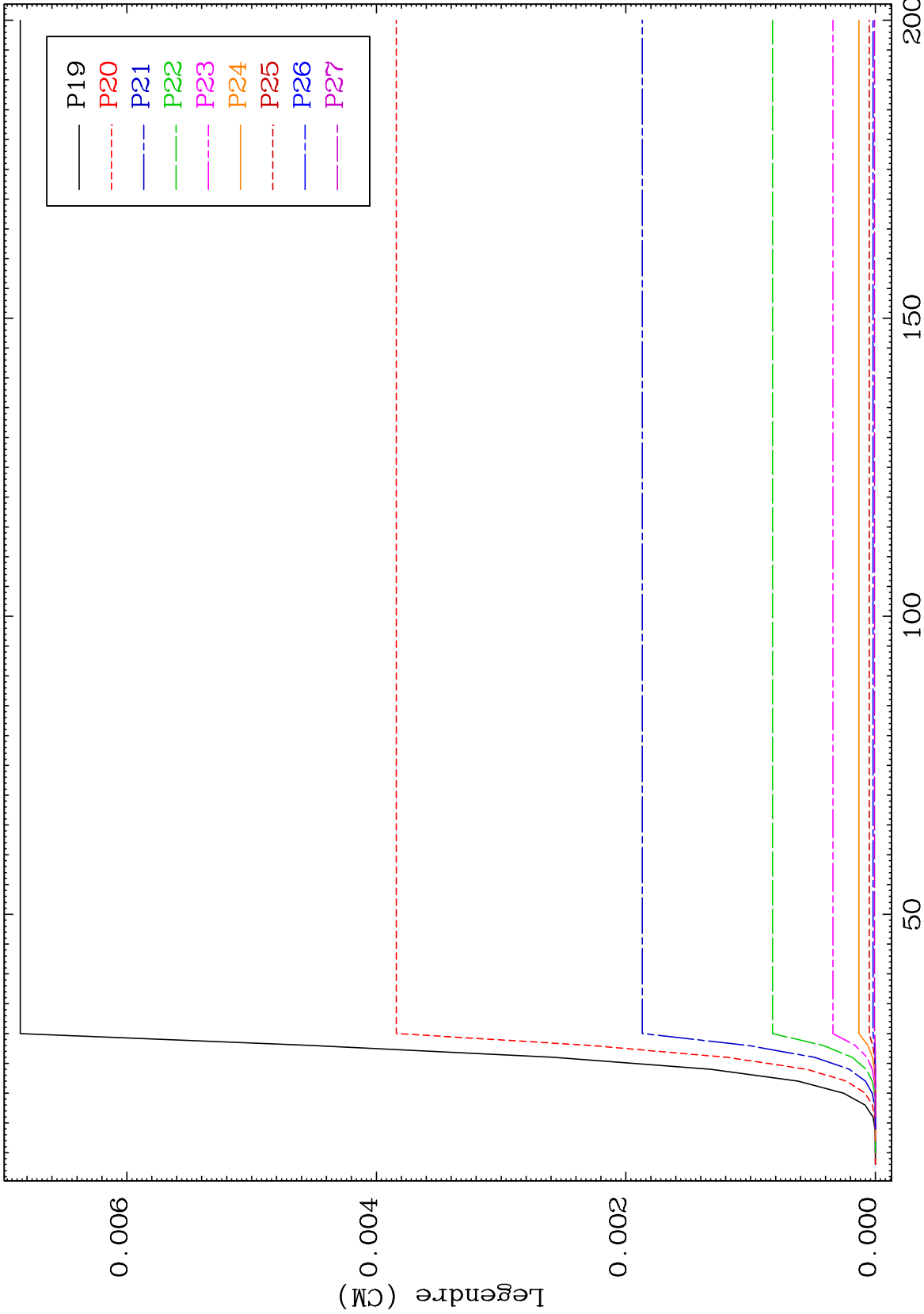
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



73

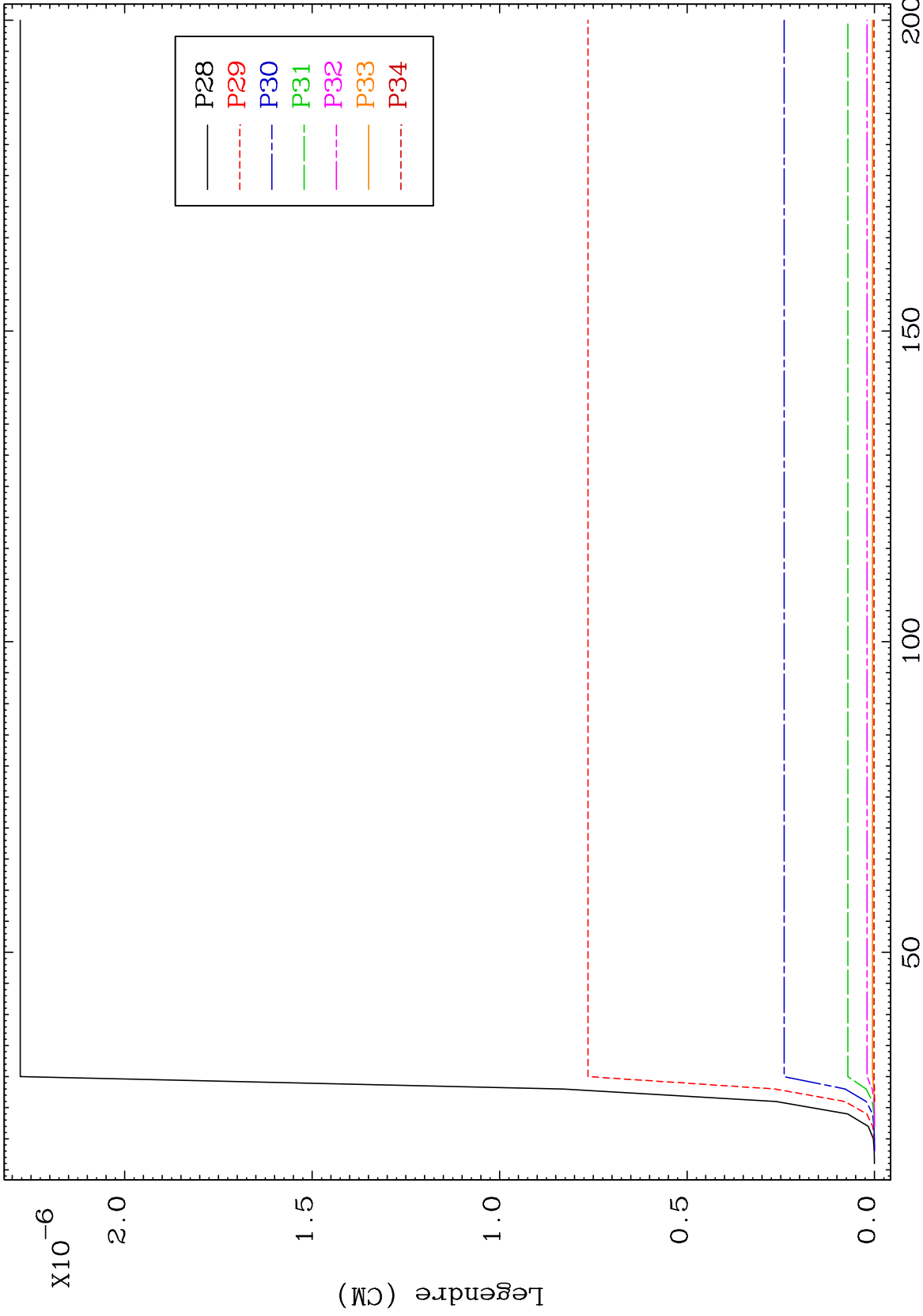
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



74

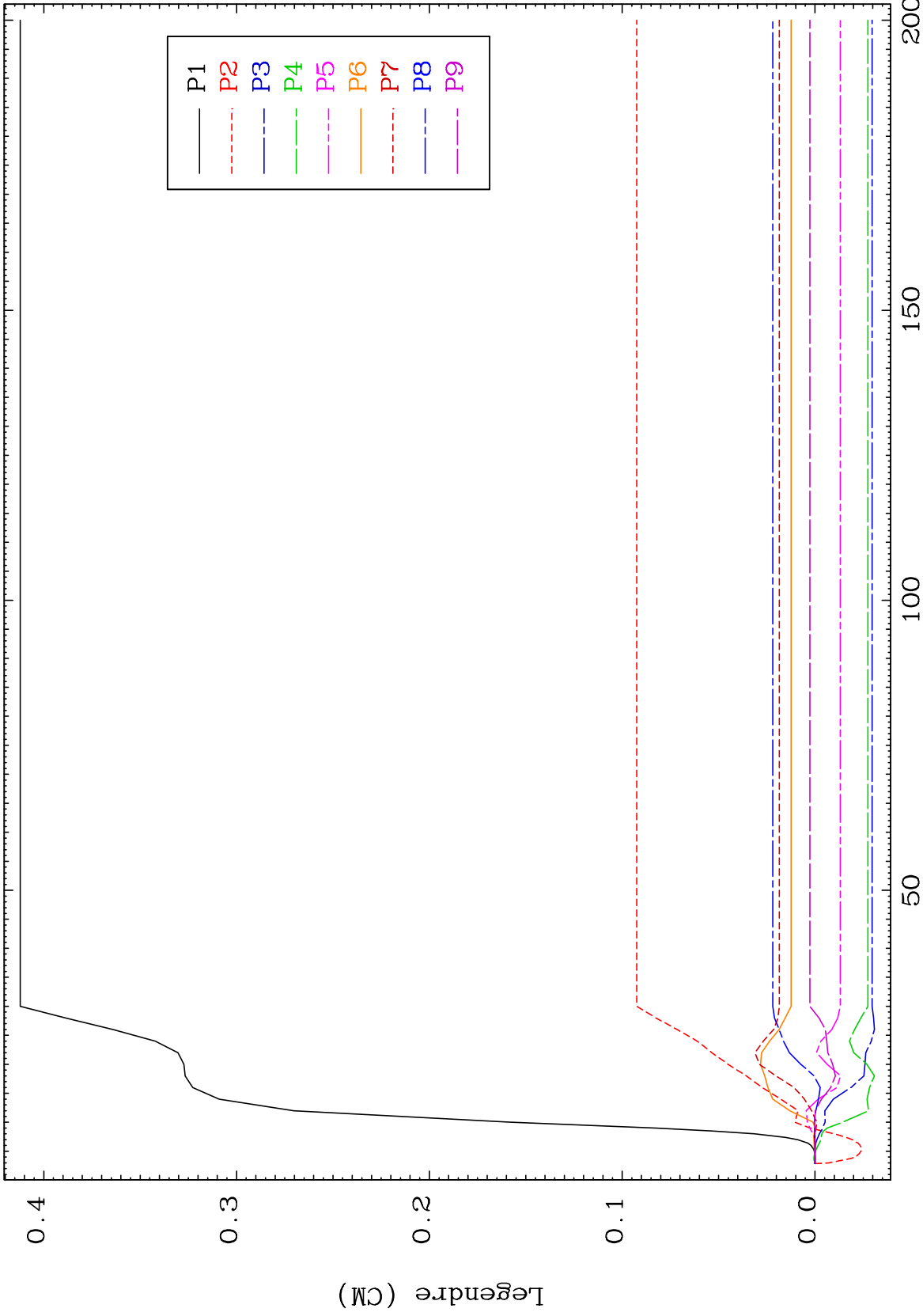
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



75

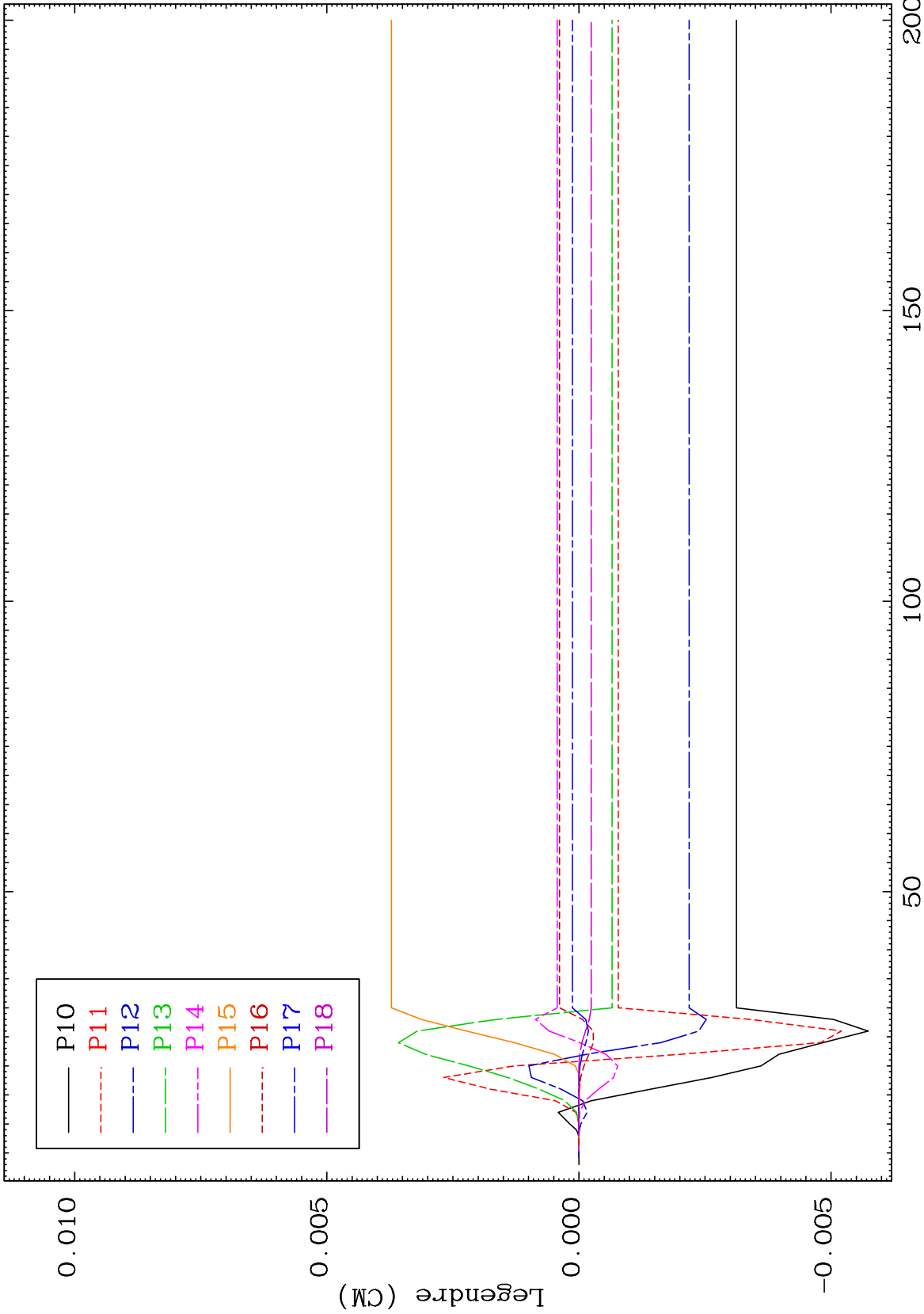
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



76

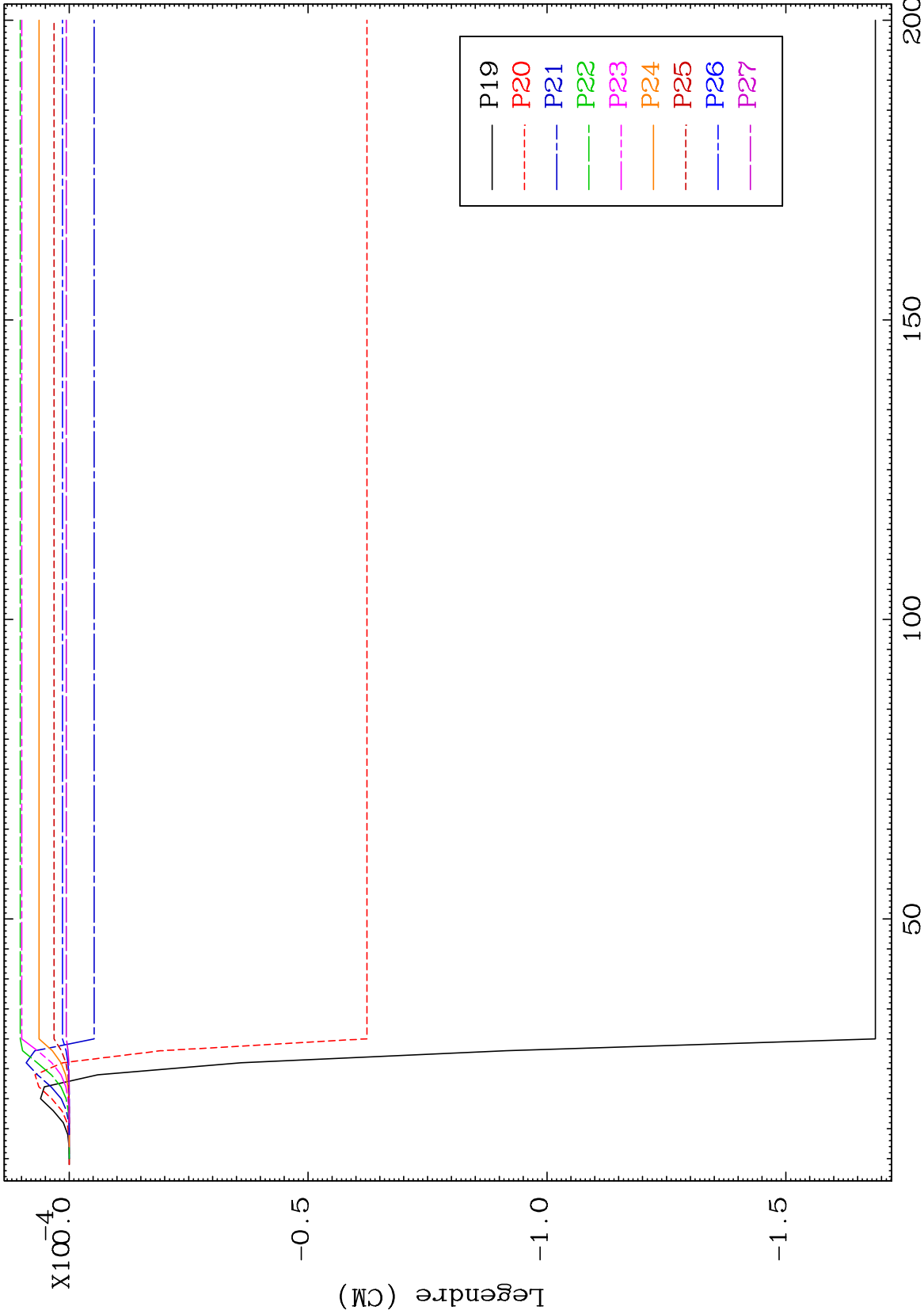
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



77

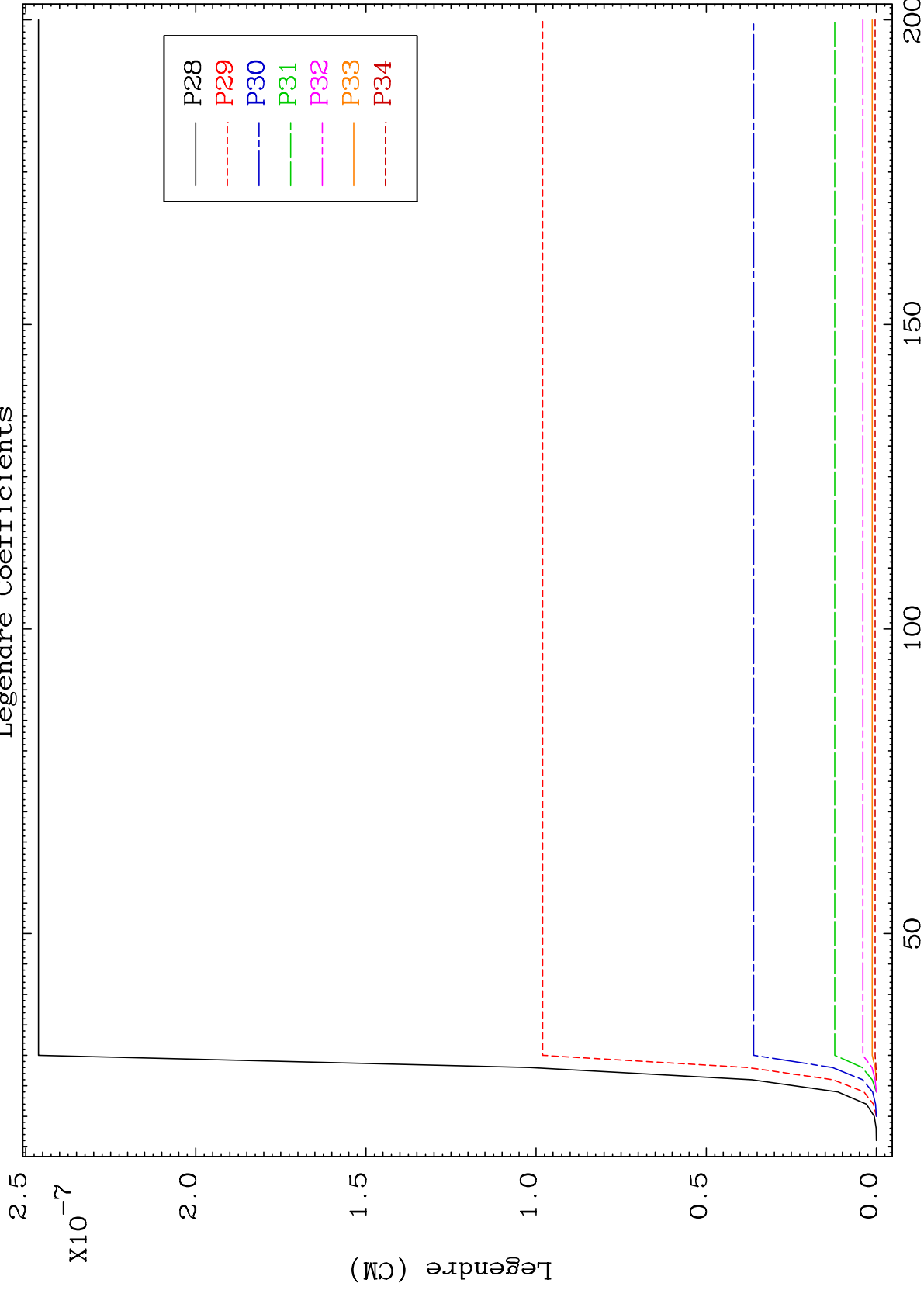
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



78

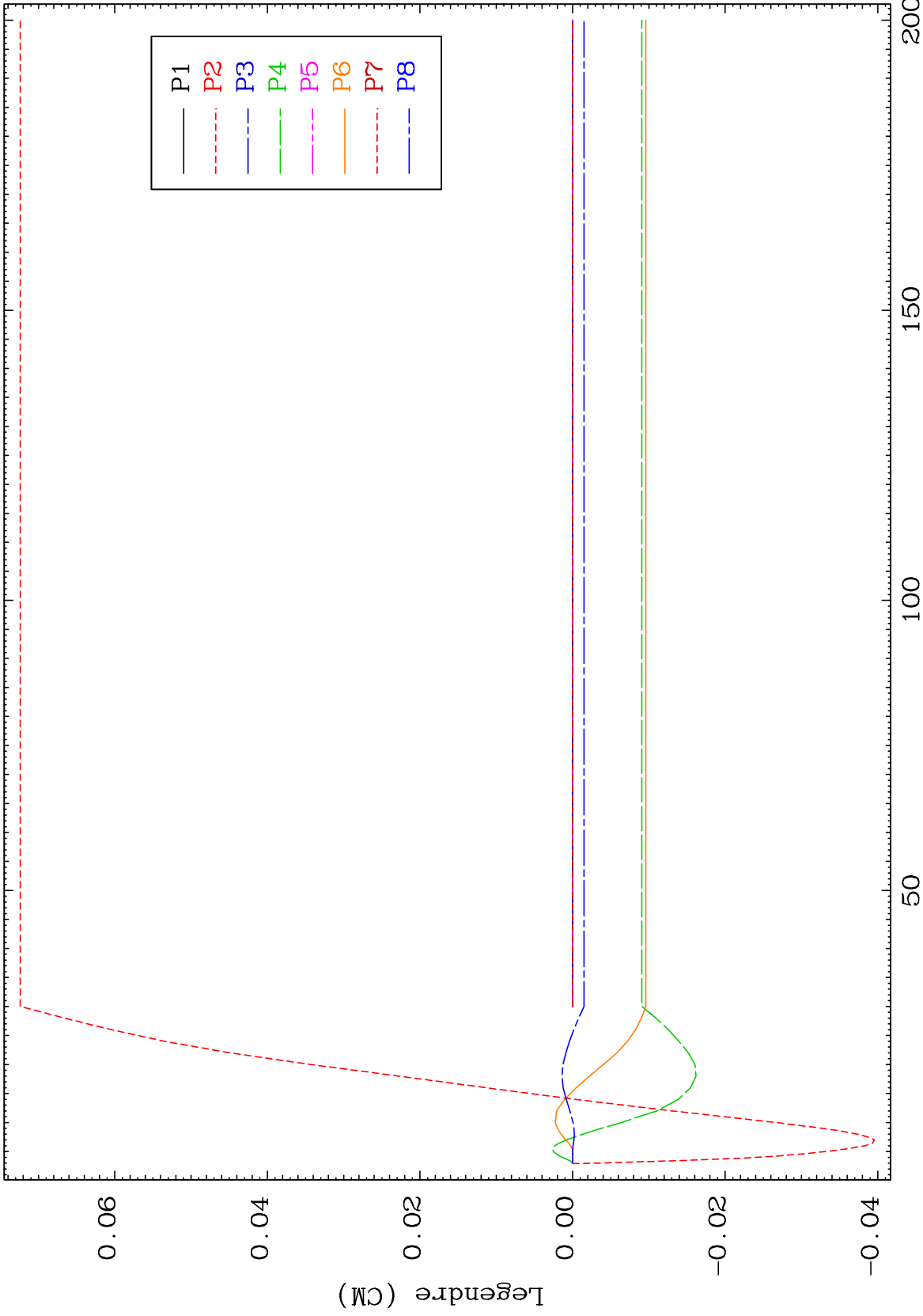
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



79

Incident Energy (MeV)

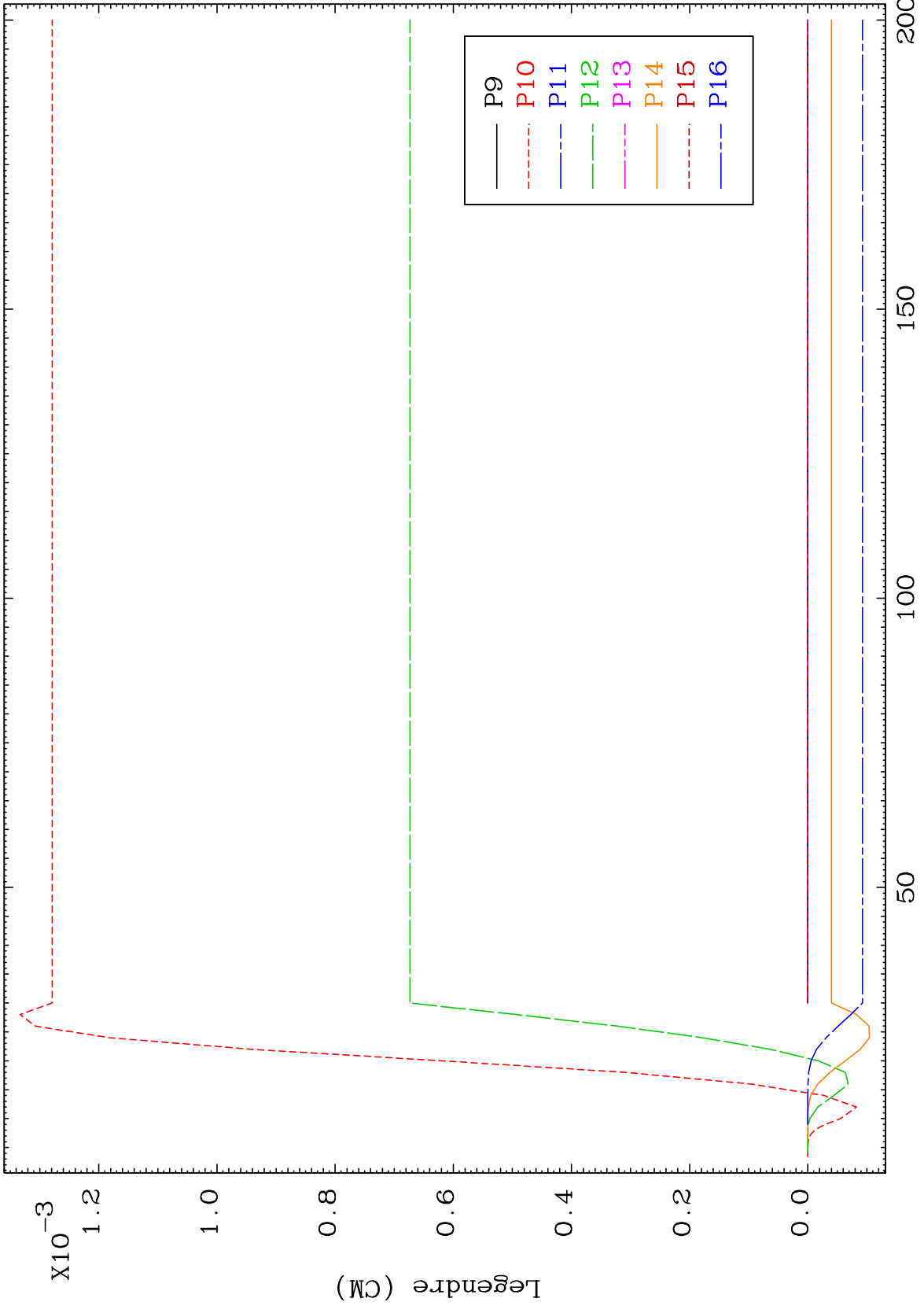
49-In-127



MAT 4967

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

49-In-127



80

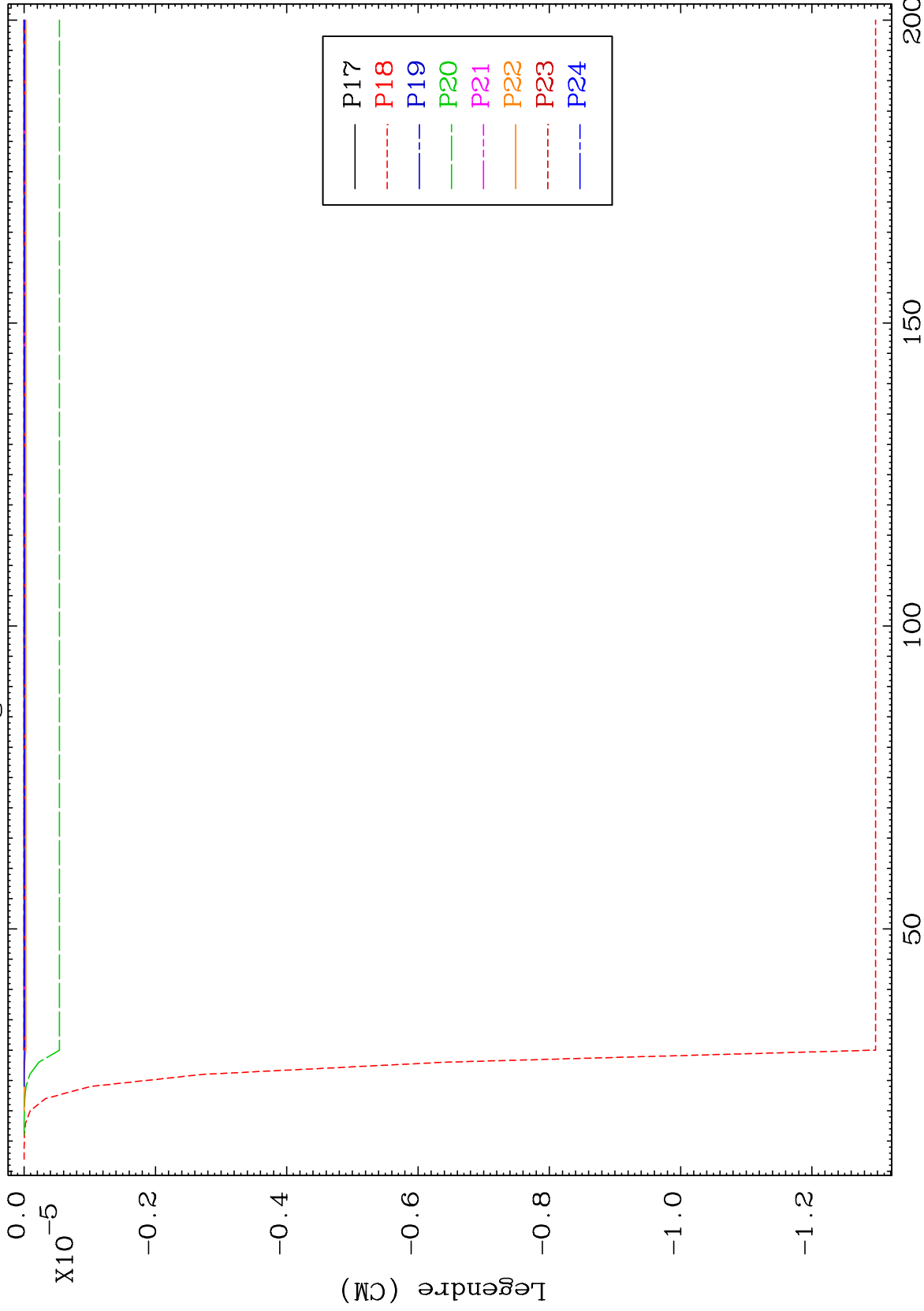
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



81

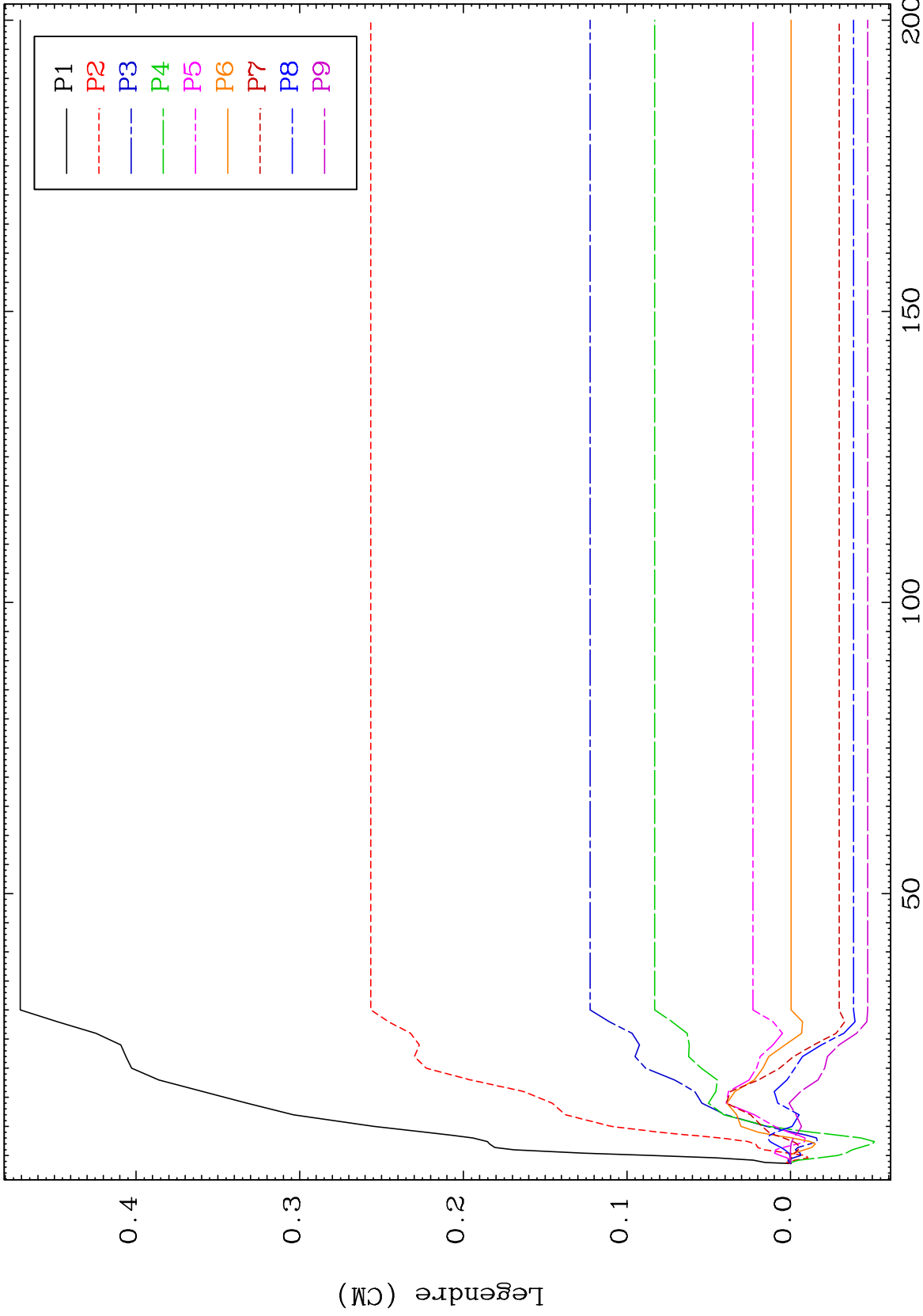
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



82

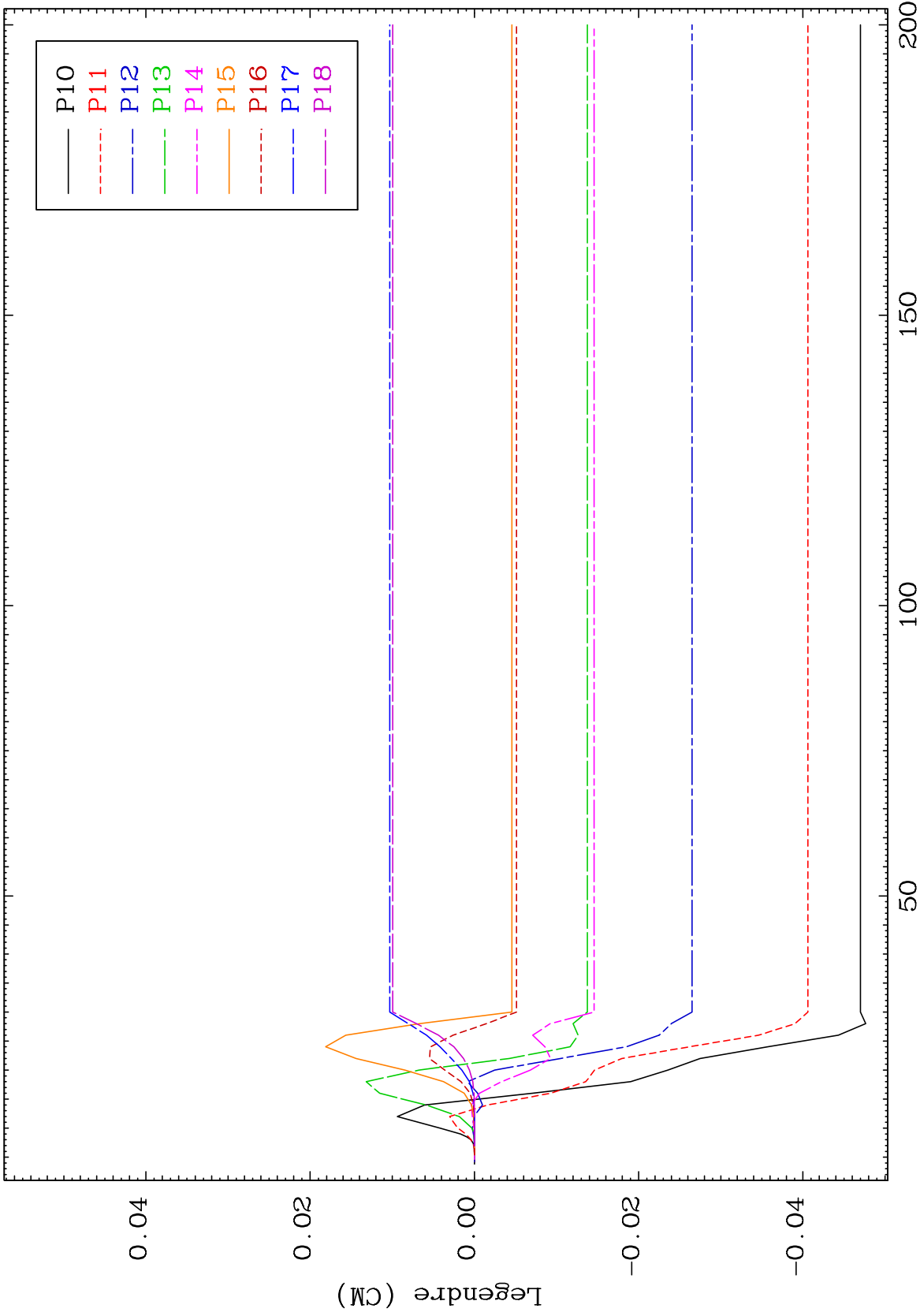
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



83

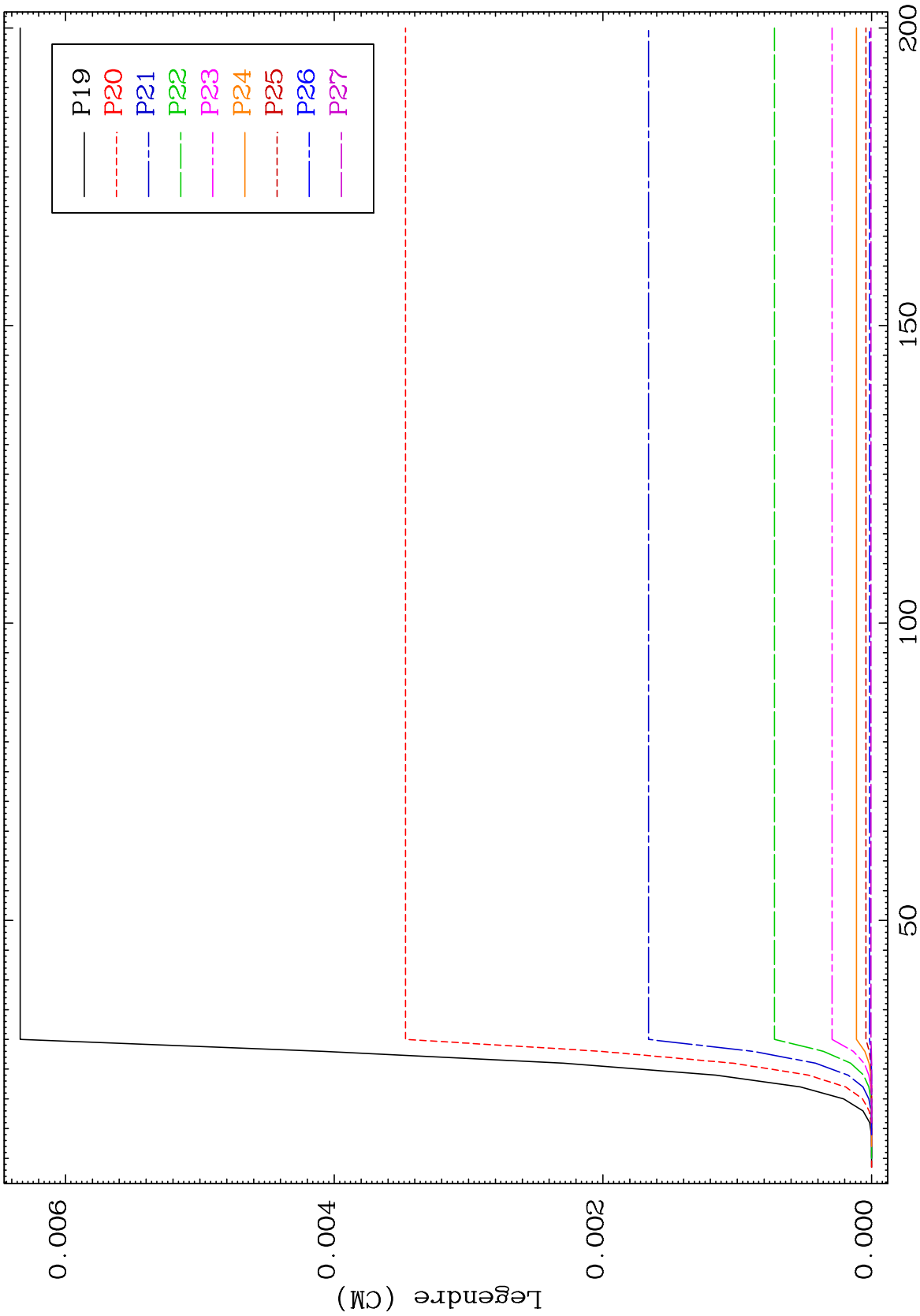
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



84

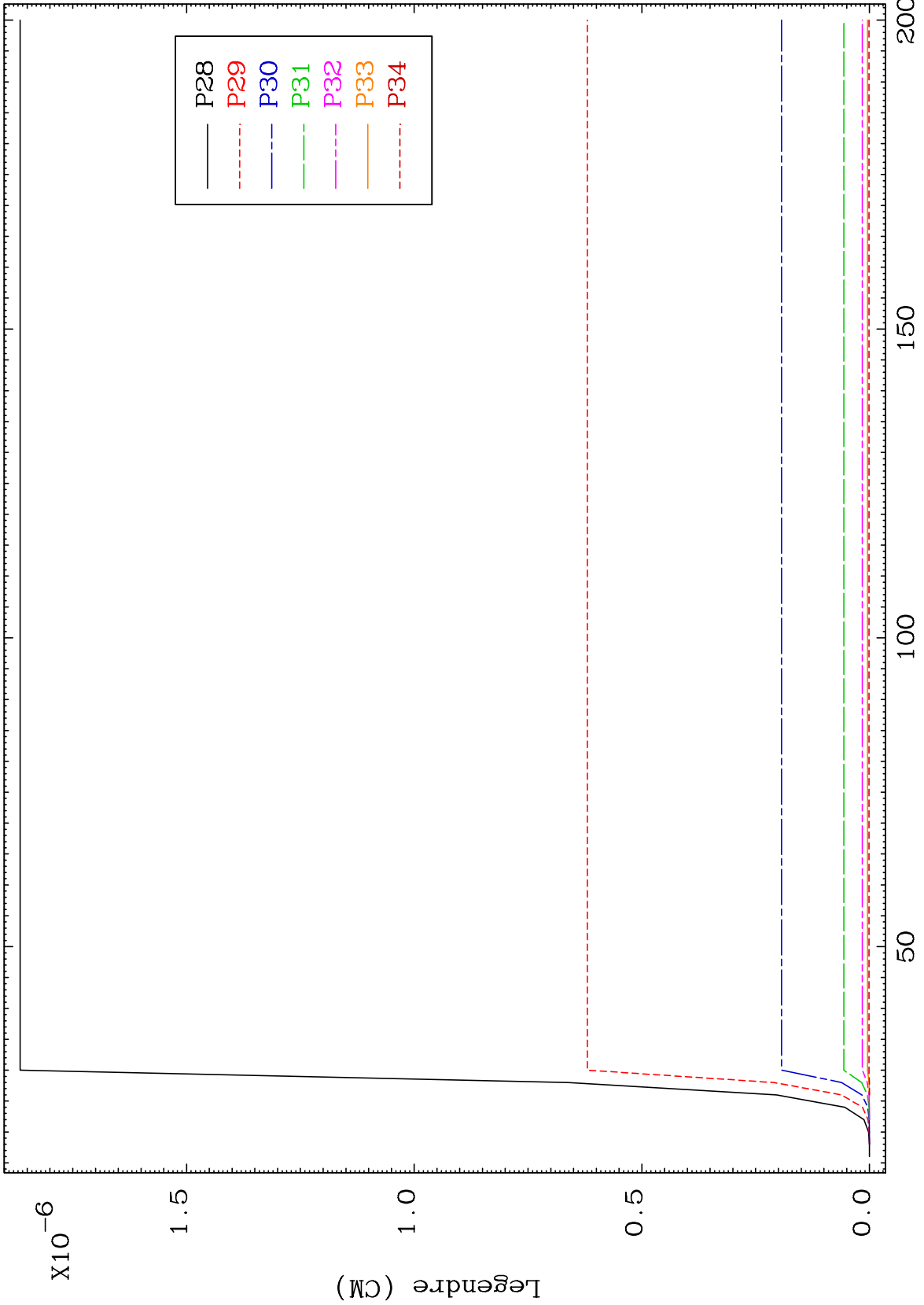
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



85

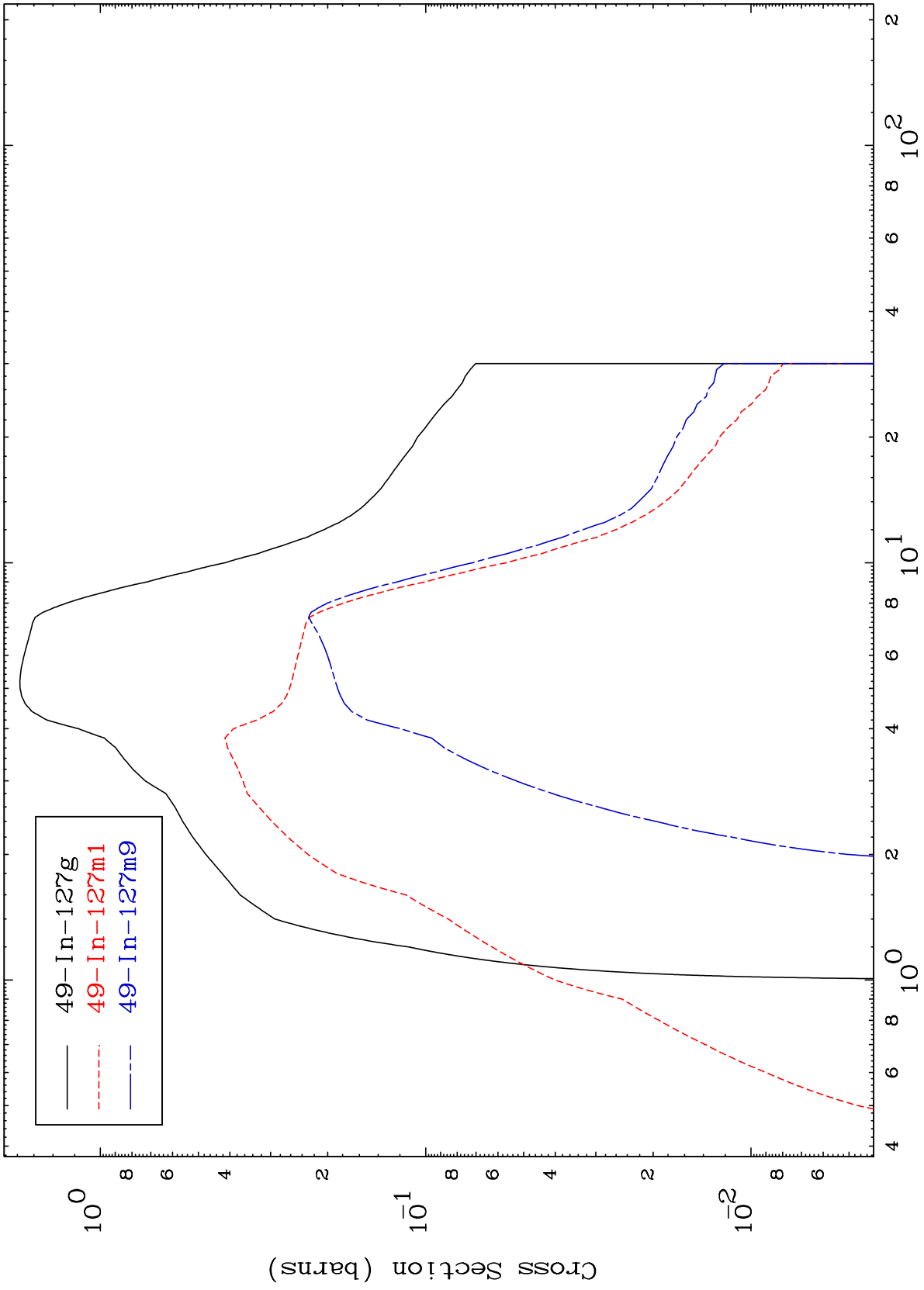
Incident Energy (MeV)

49-In-127

MAT 4967

Inelastic  
Radionuclide Production Cross Section

49-In-127



86

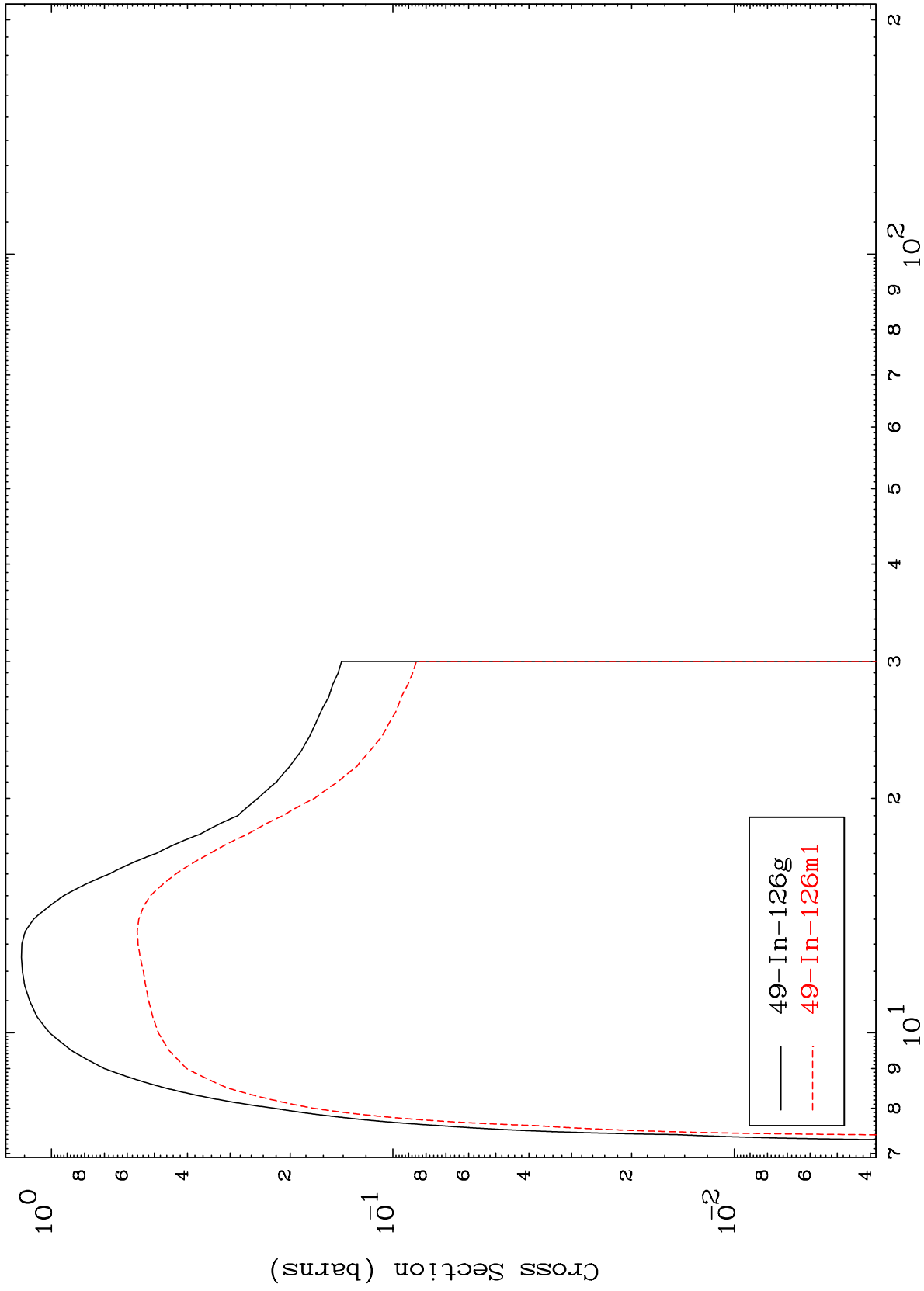
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

(n,2n)  
Radionuclide Production Cross Section



87

49-In-127

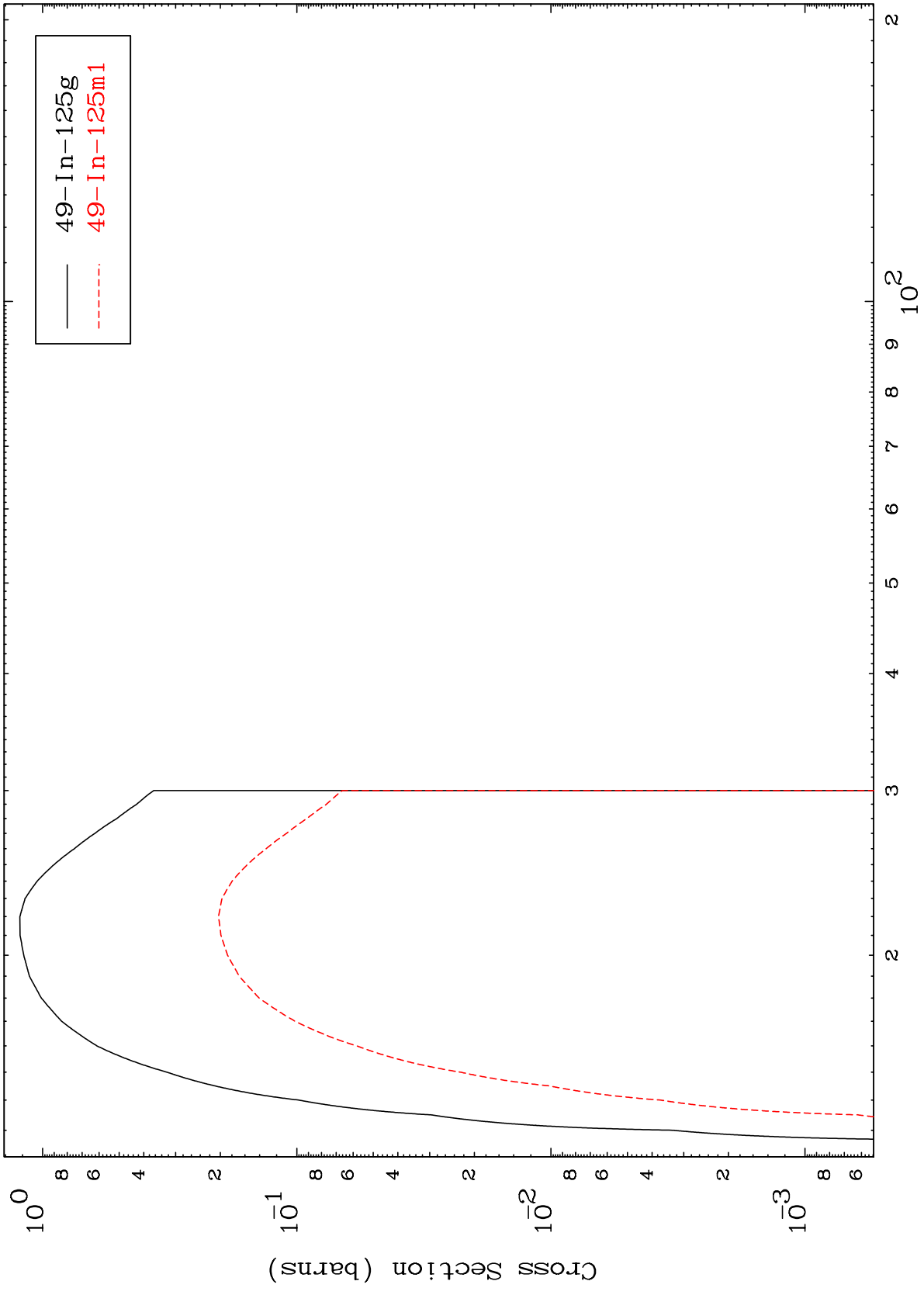


MAT 4967

(n,3n)

49-In-127

Radionuclide Production Cross Section



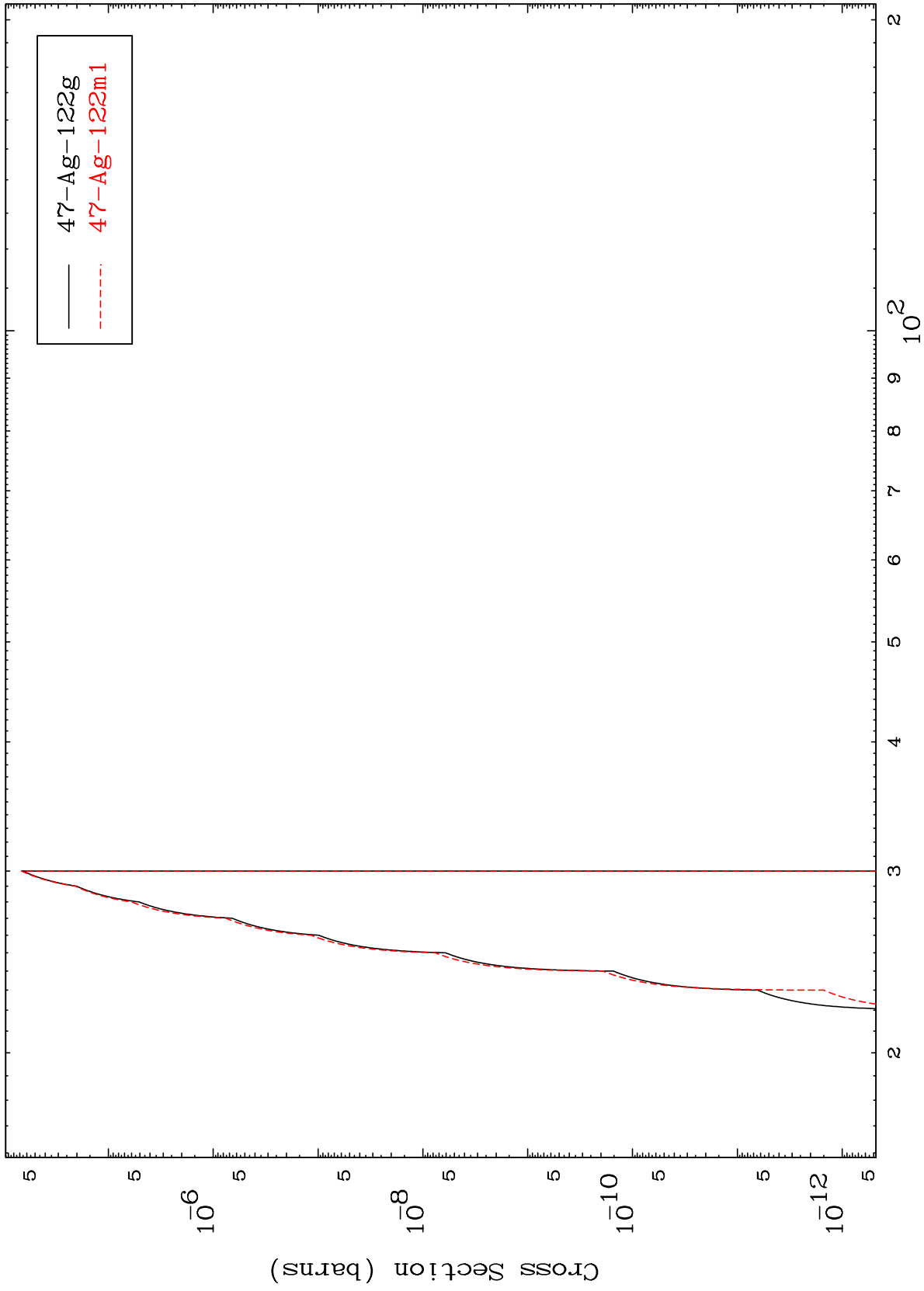
49-In-125g  
49-In-125m1

MAT 4967

(n,2n)  $\alpha$

49-In-127

Radionuclide Production Cross Section



89

Incident Energy (MeV)

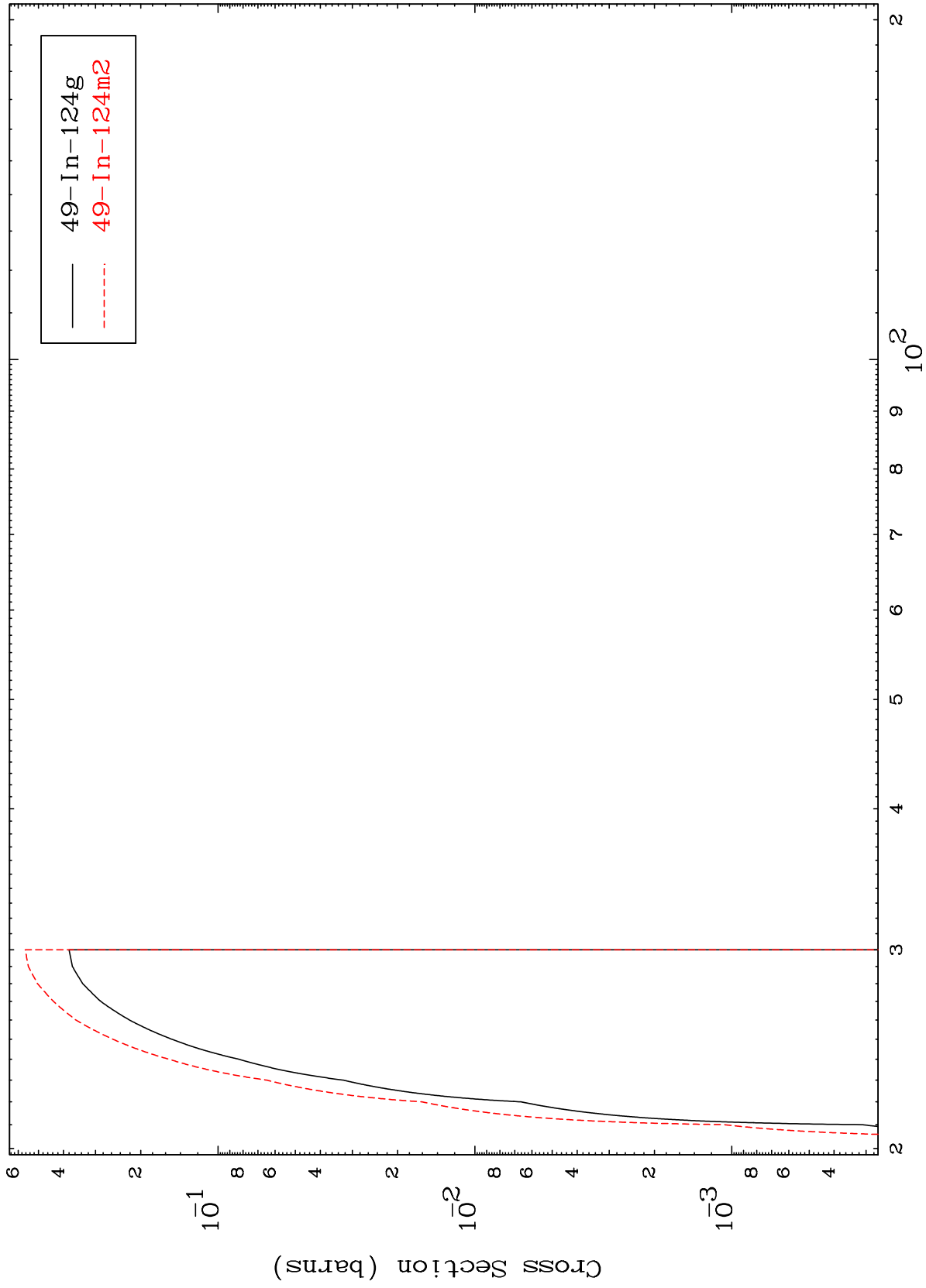
49-In-127

MAT 4967

(n,4n)

49-In-127

Radionuclide Production Cross Section



90

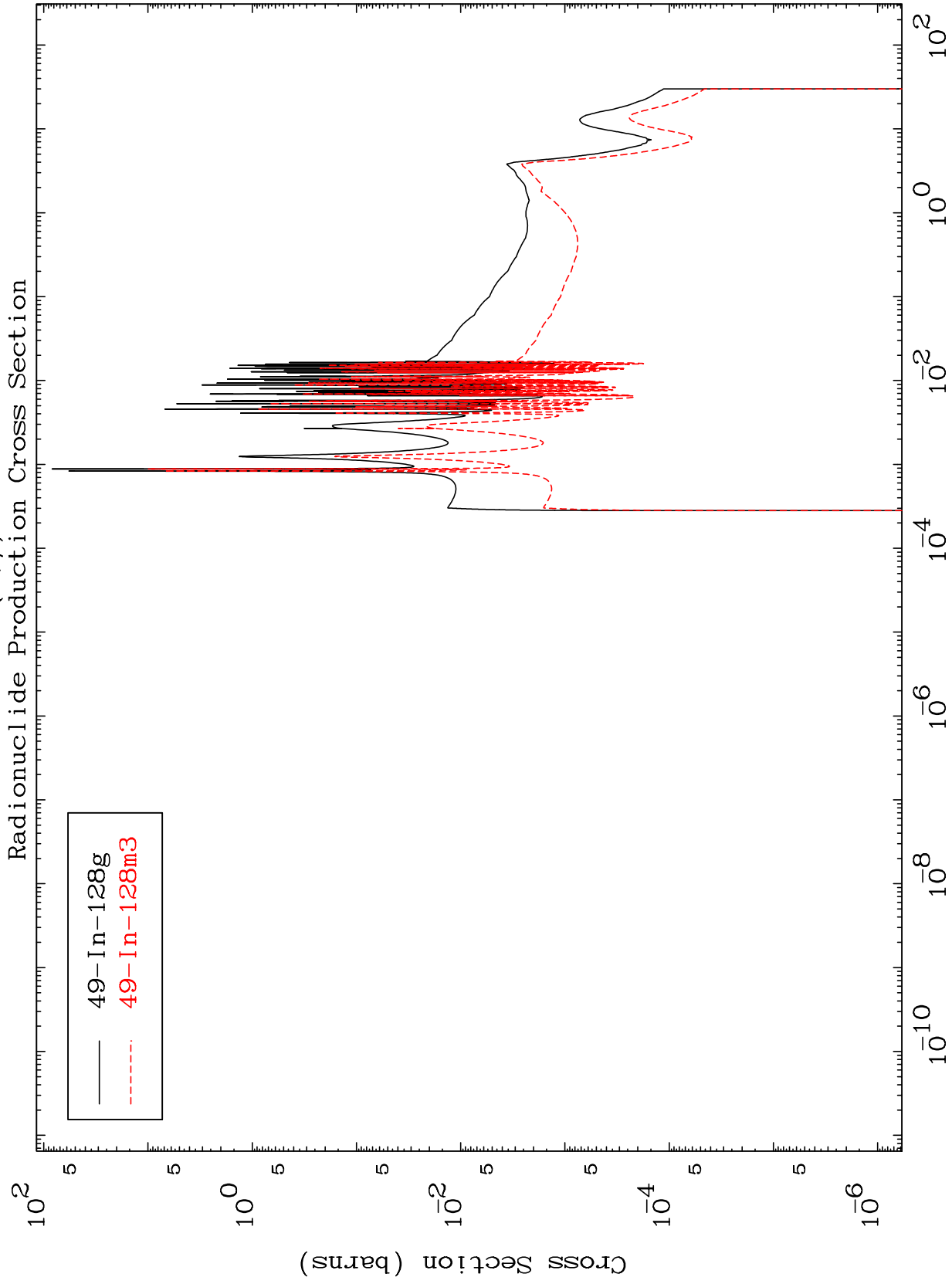
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

Radionuclide Production Cross Section



91

49-In-127