

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

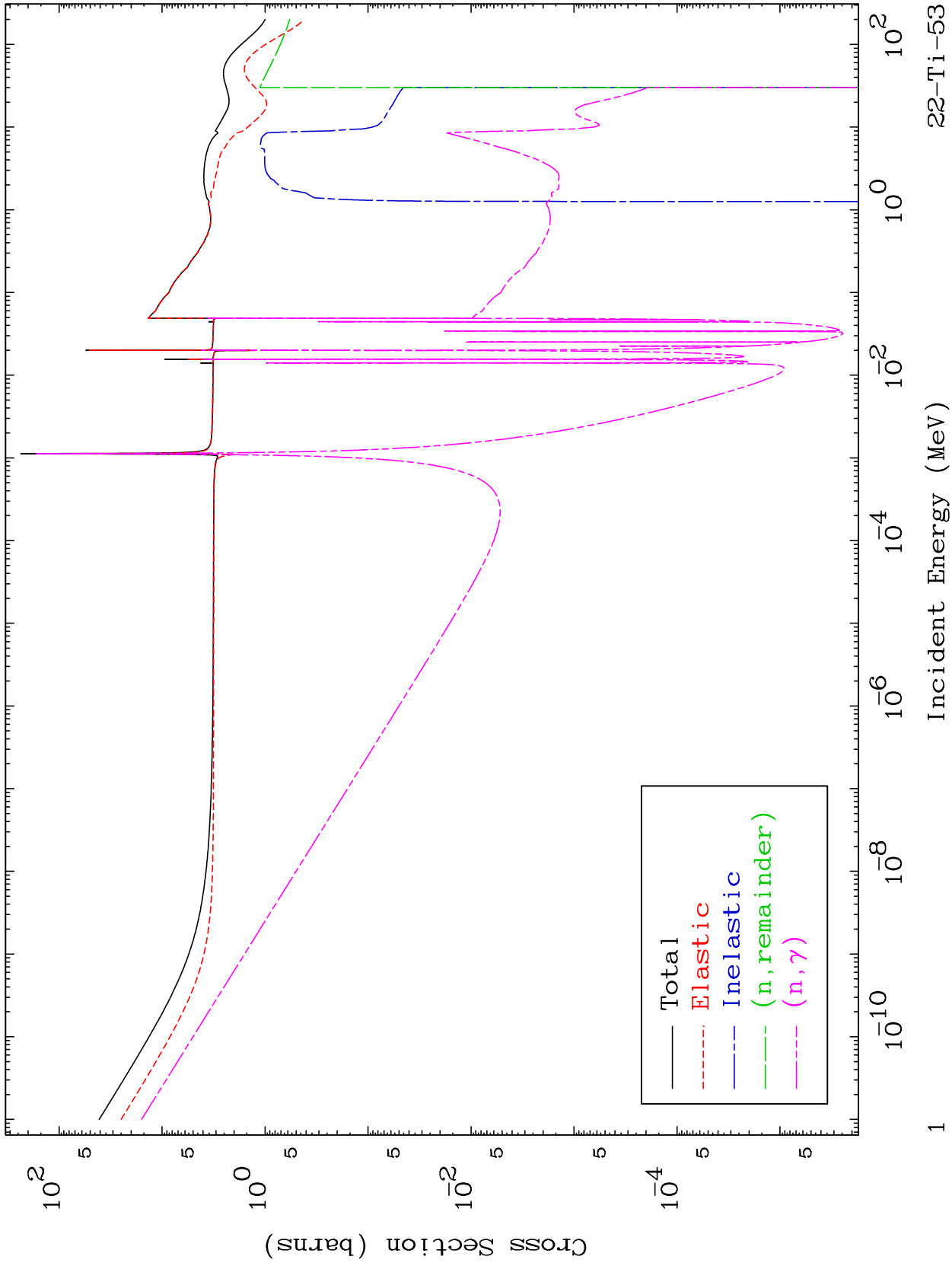
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2246

Major
293 Kelvin Cross Sections

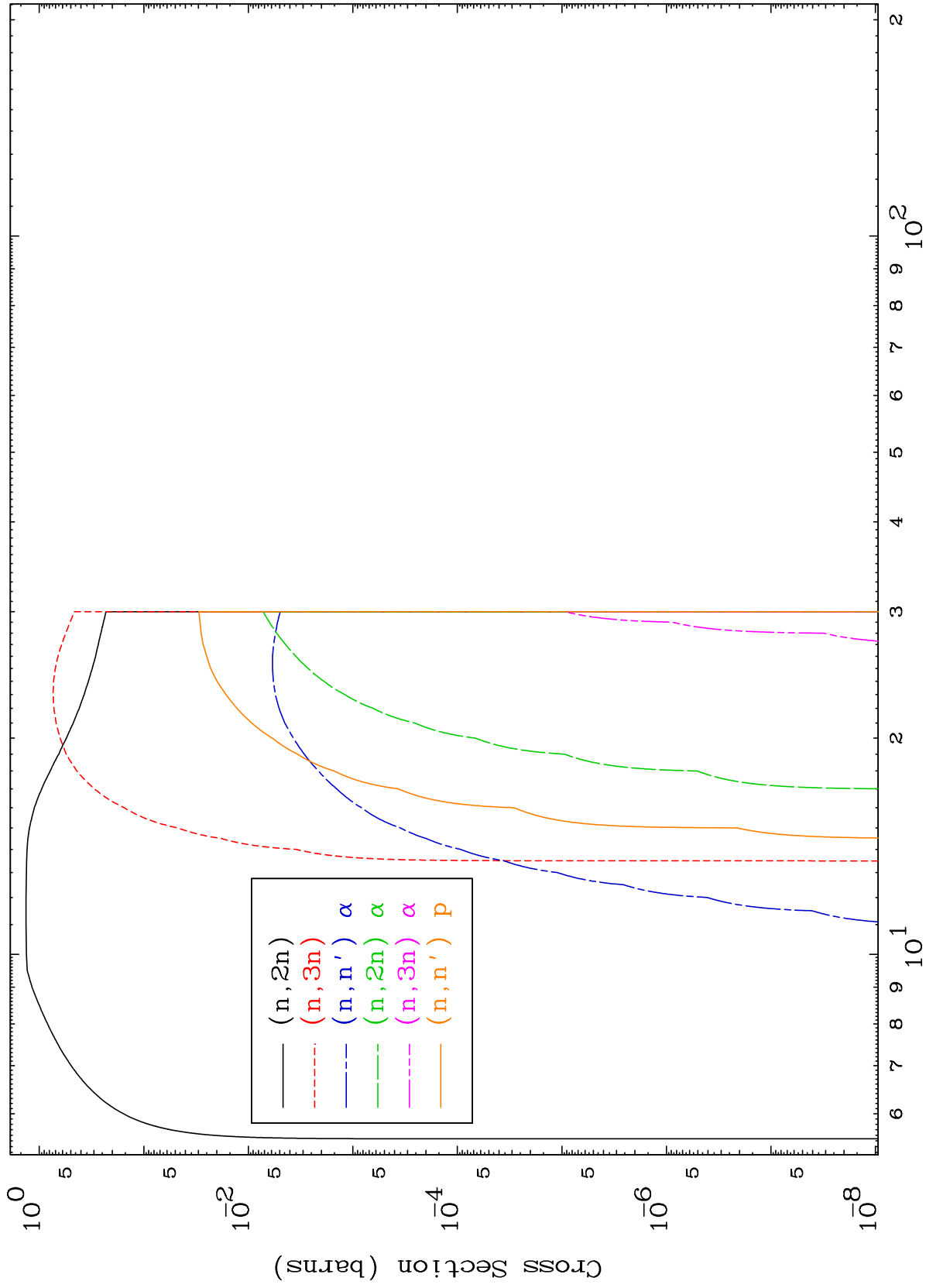
22-Ti-53



MAT 2246

Neutron Production
293 Kelvin Cross Sections

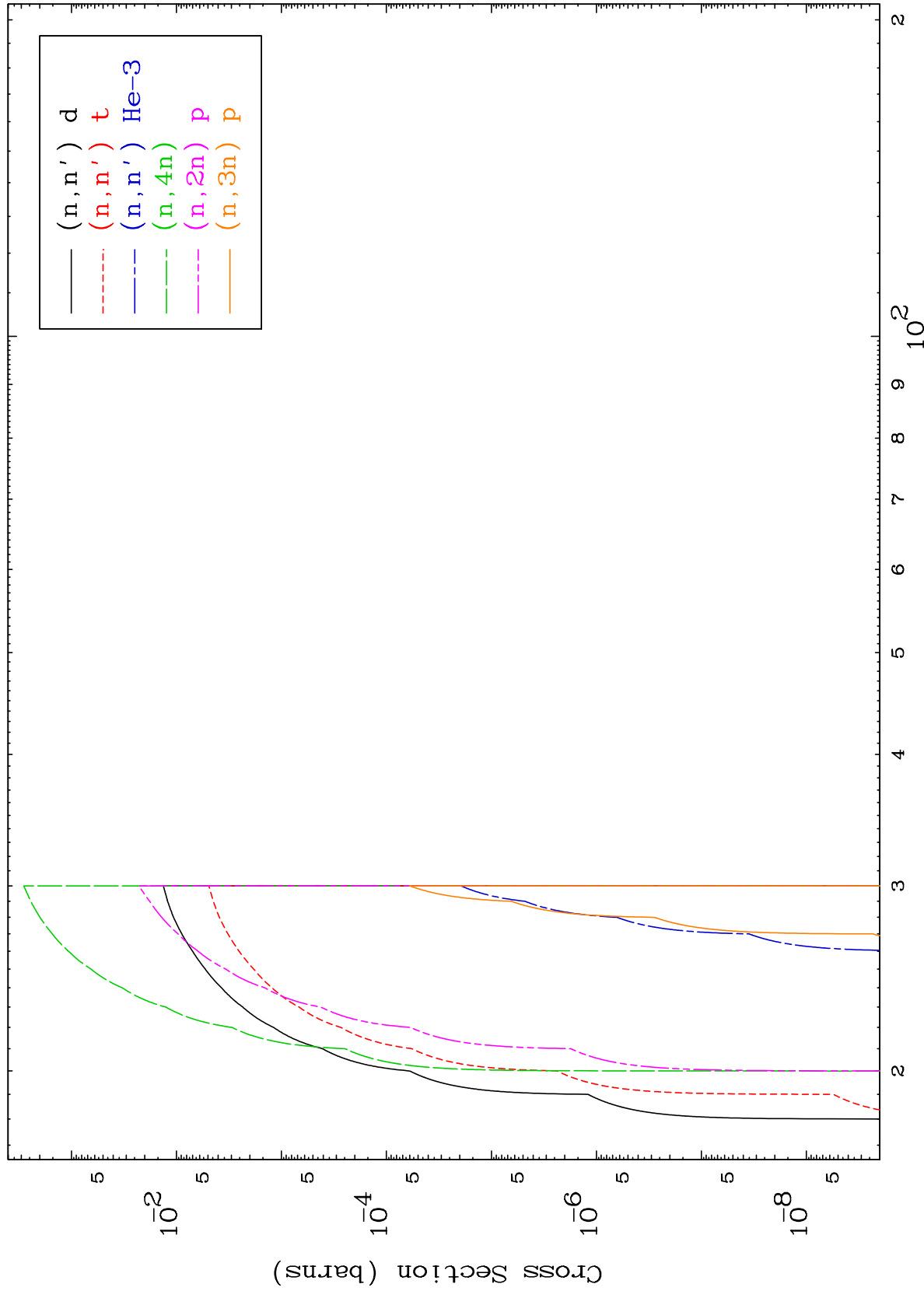
22-Ti-53



2

Incident Energy (MeV)

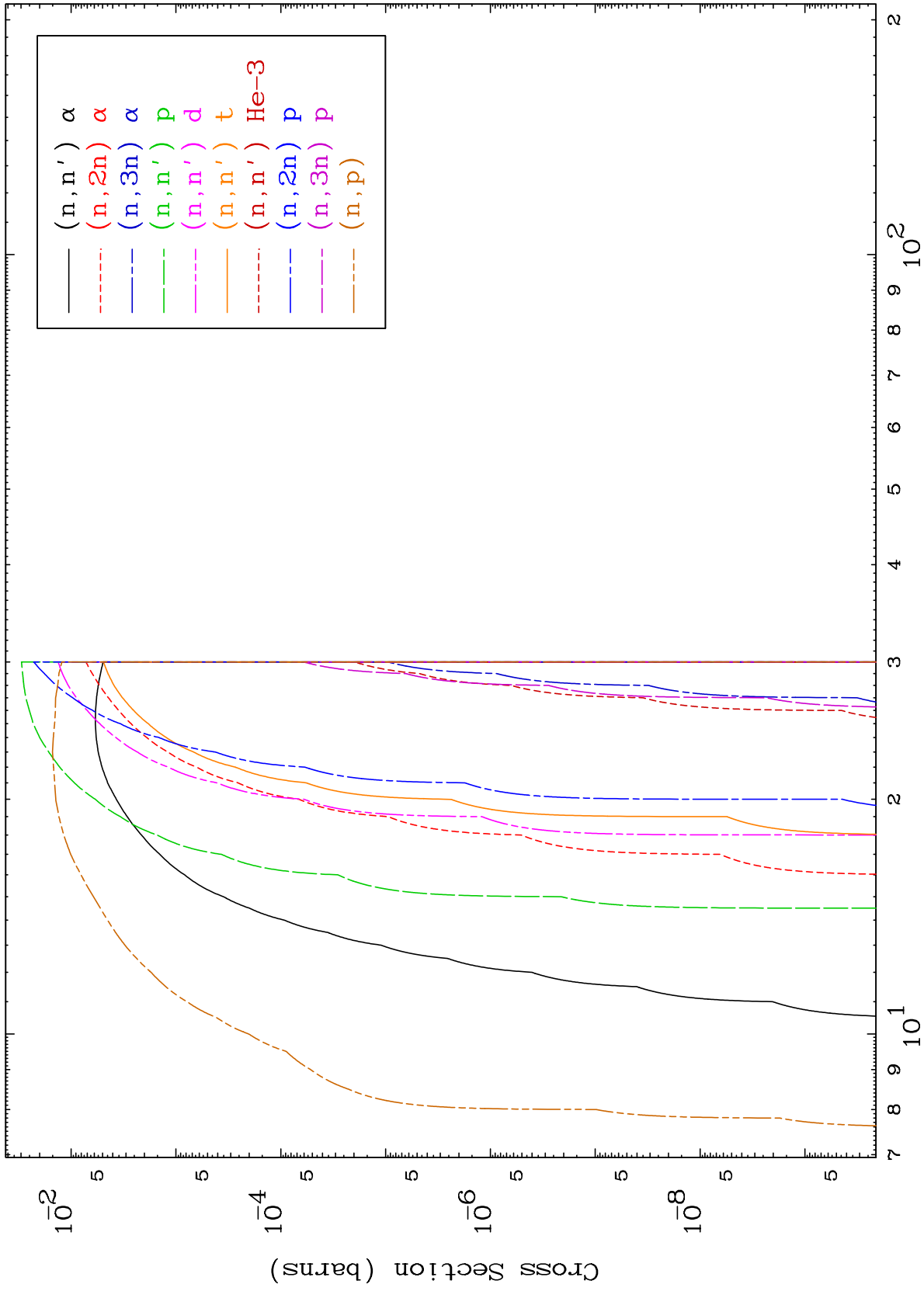
22-Ti-53



MAT 2246

Charged Particle
293 Kelvin Cross Sections

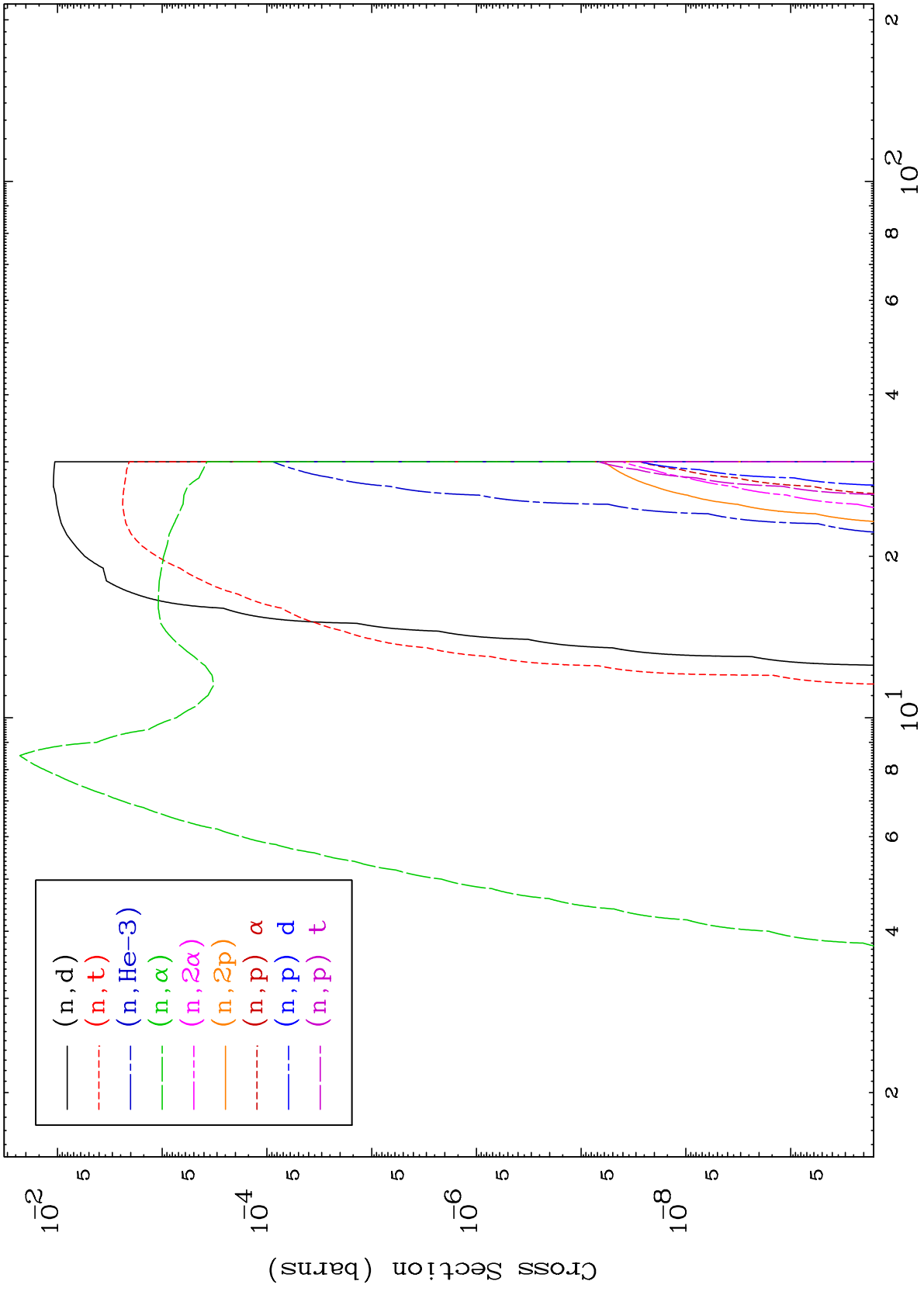
22-Ti-53



4

Incident Energy (MeV)

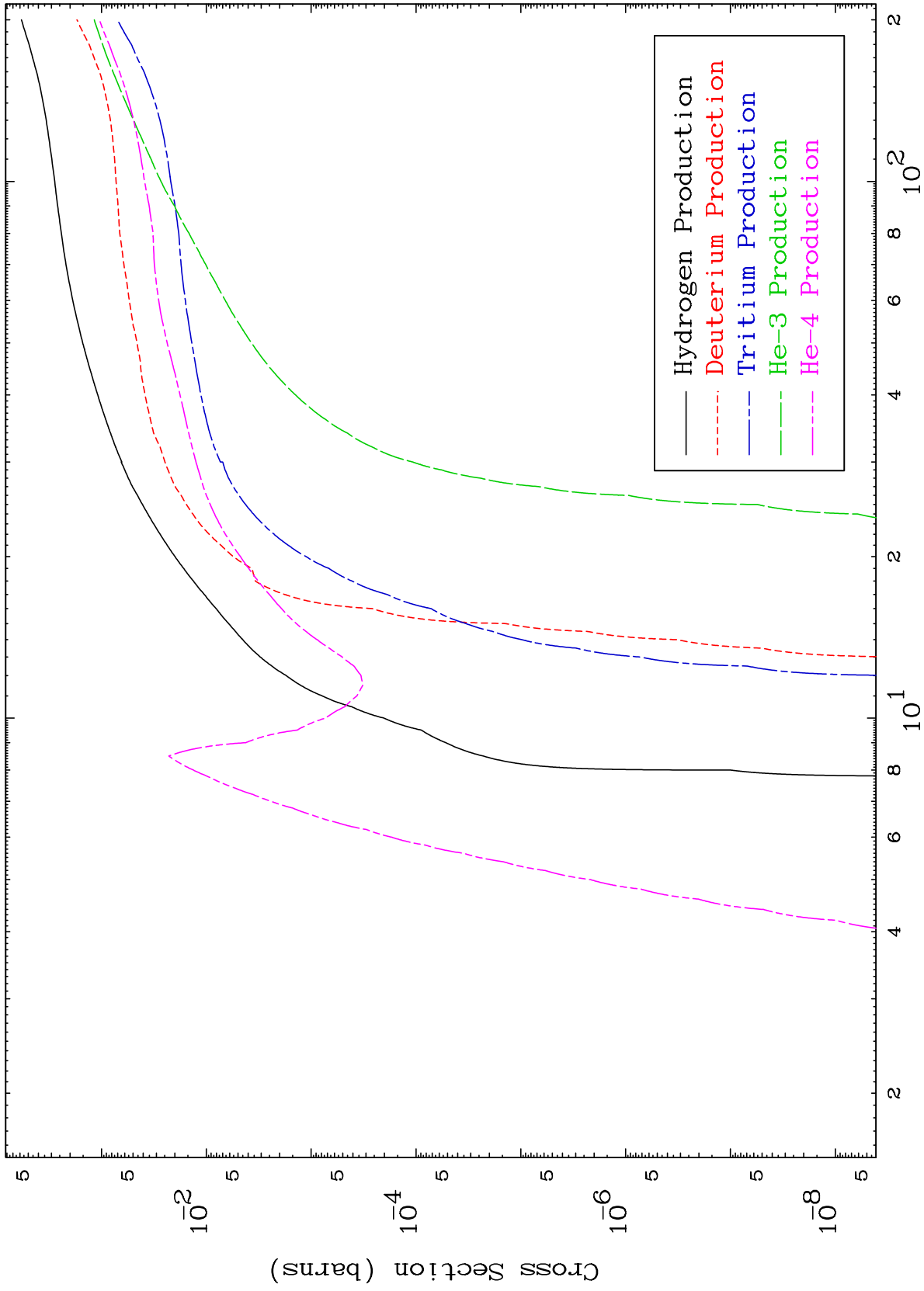
22-Ti-53



MAT 2246

Particle Production
293 Kelvin Cross Sections

22-Ti-53



6

Incident Energy (MeV)

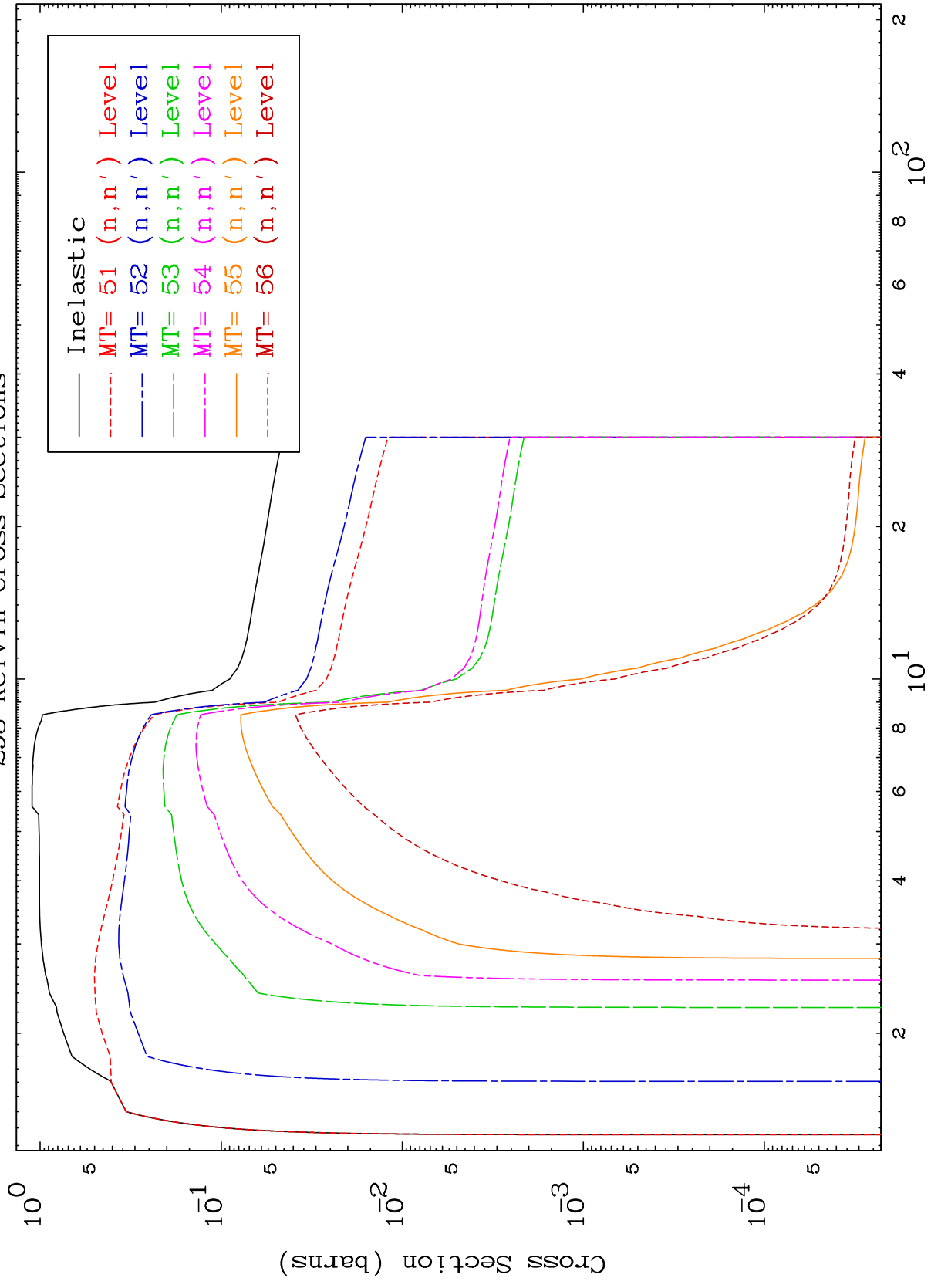
22-Ti-53

MAT 2246

(n,n') Level

22-Ti-53

293 Kelvin Cross Sections

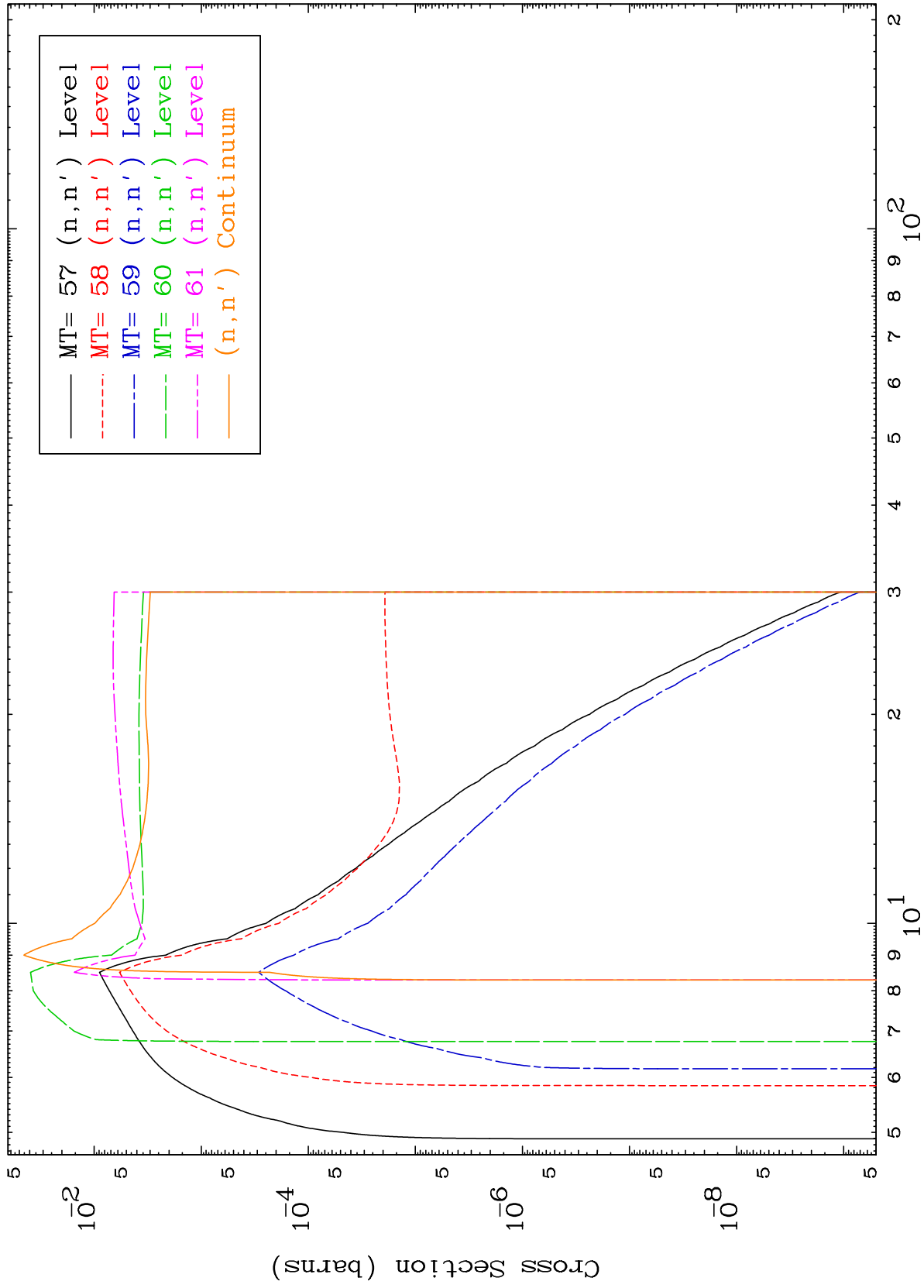


MAT 2246

(n,n') Level

22-Ti-53

293 Kelvin Cross Sections



8

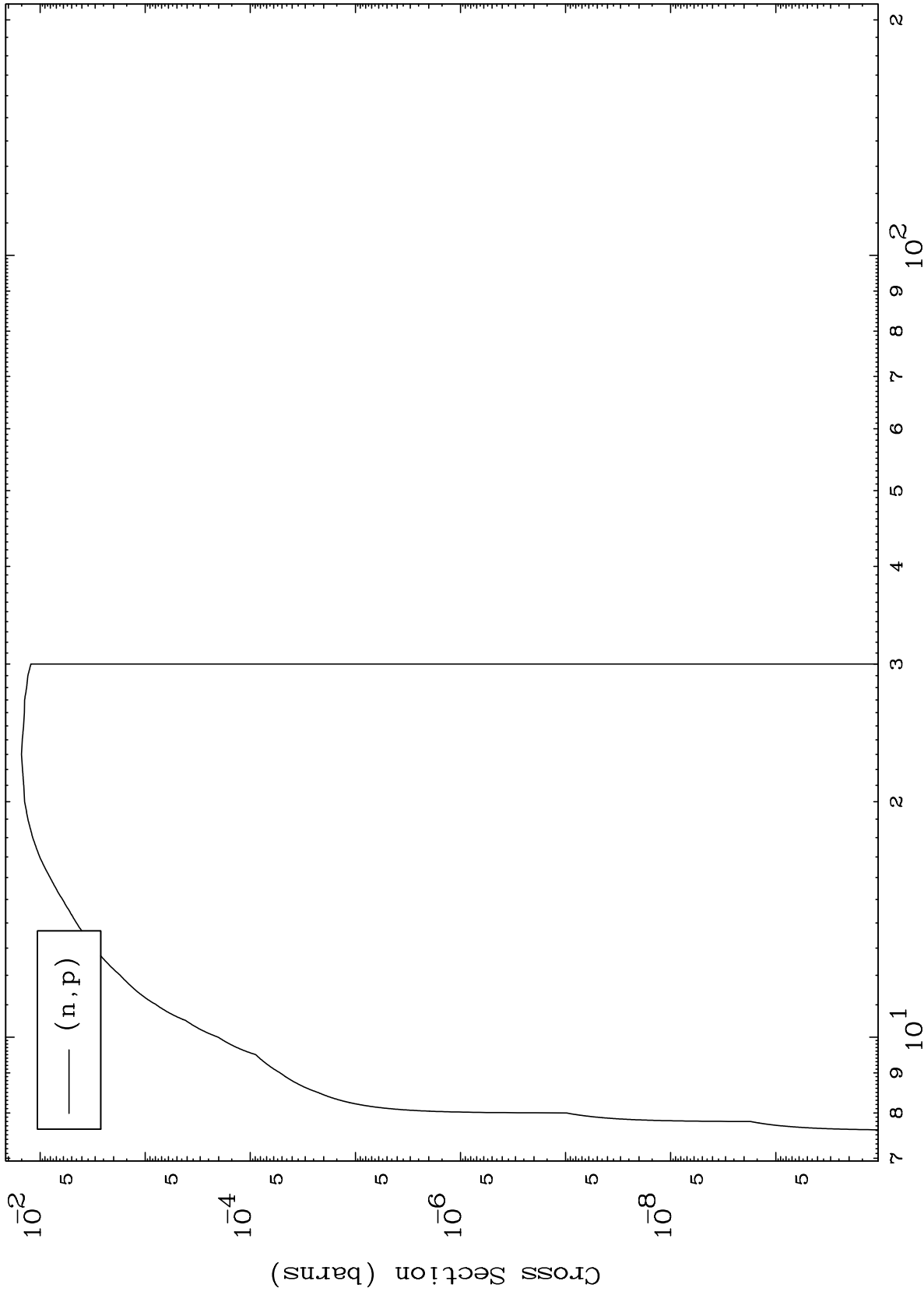
Incident Energy (MeV)

22-Ti-53

MAT 2246

(n,p) Levels
293 Kelvin Cross Sections

22-Ti-53



9

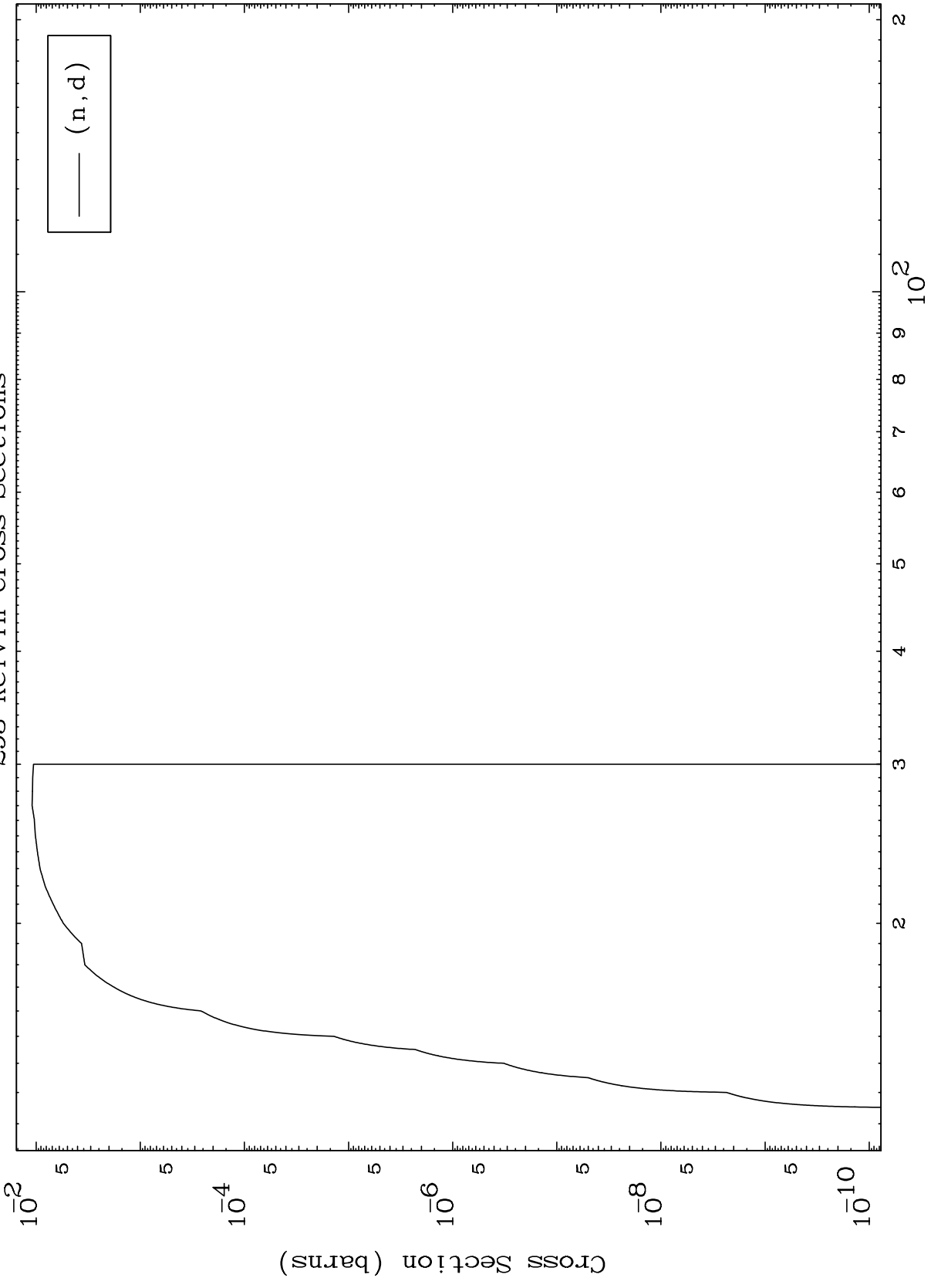
Incident Energy (MeV)

22-Ti-53

MAT 2246

(n,d) Levels
293 Kelvin Cross Sections

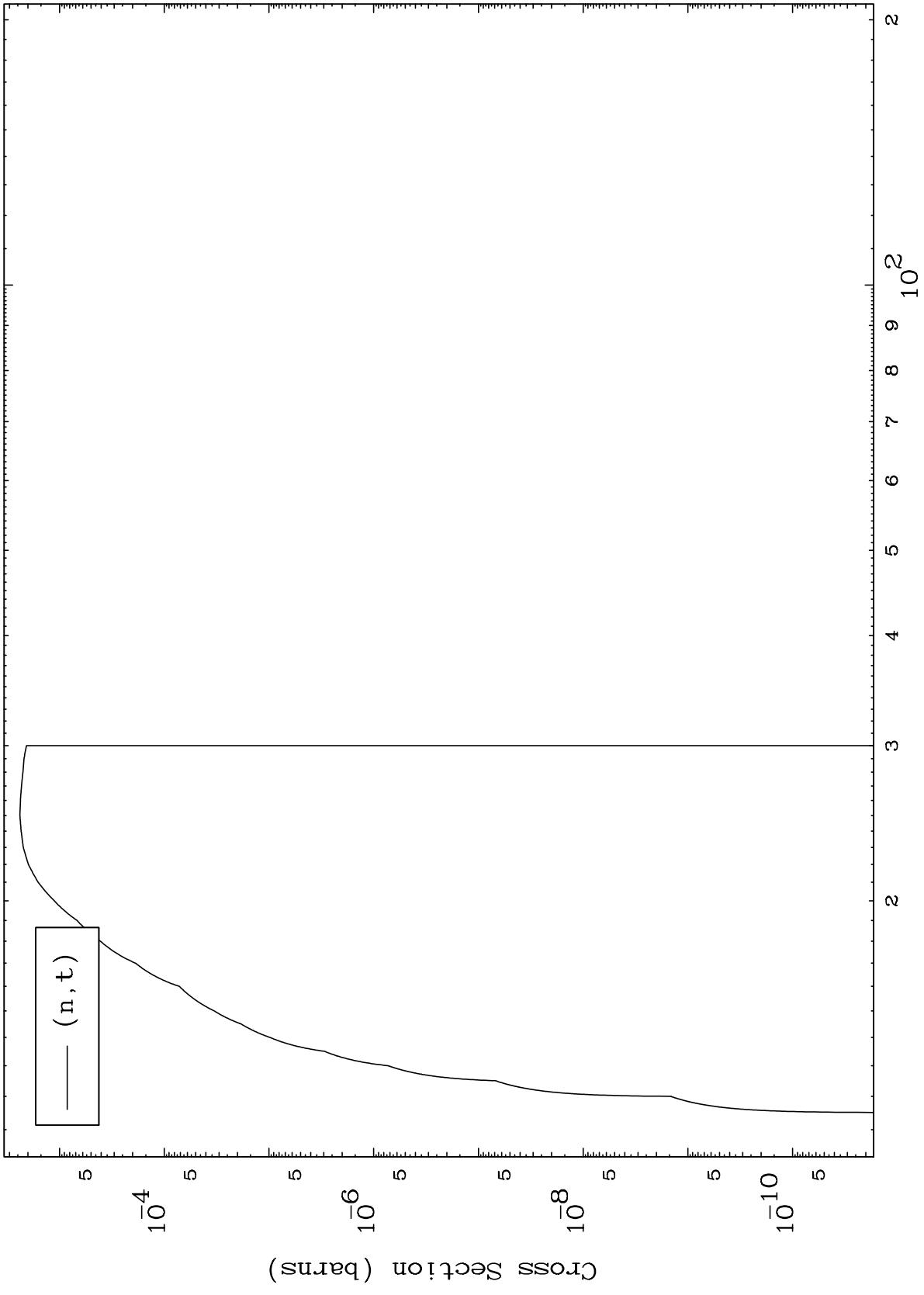
22-Ti-53



10

Incident Energy (MeV)

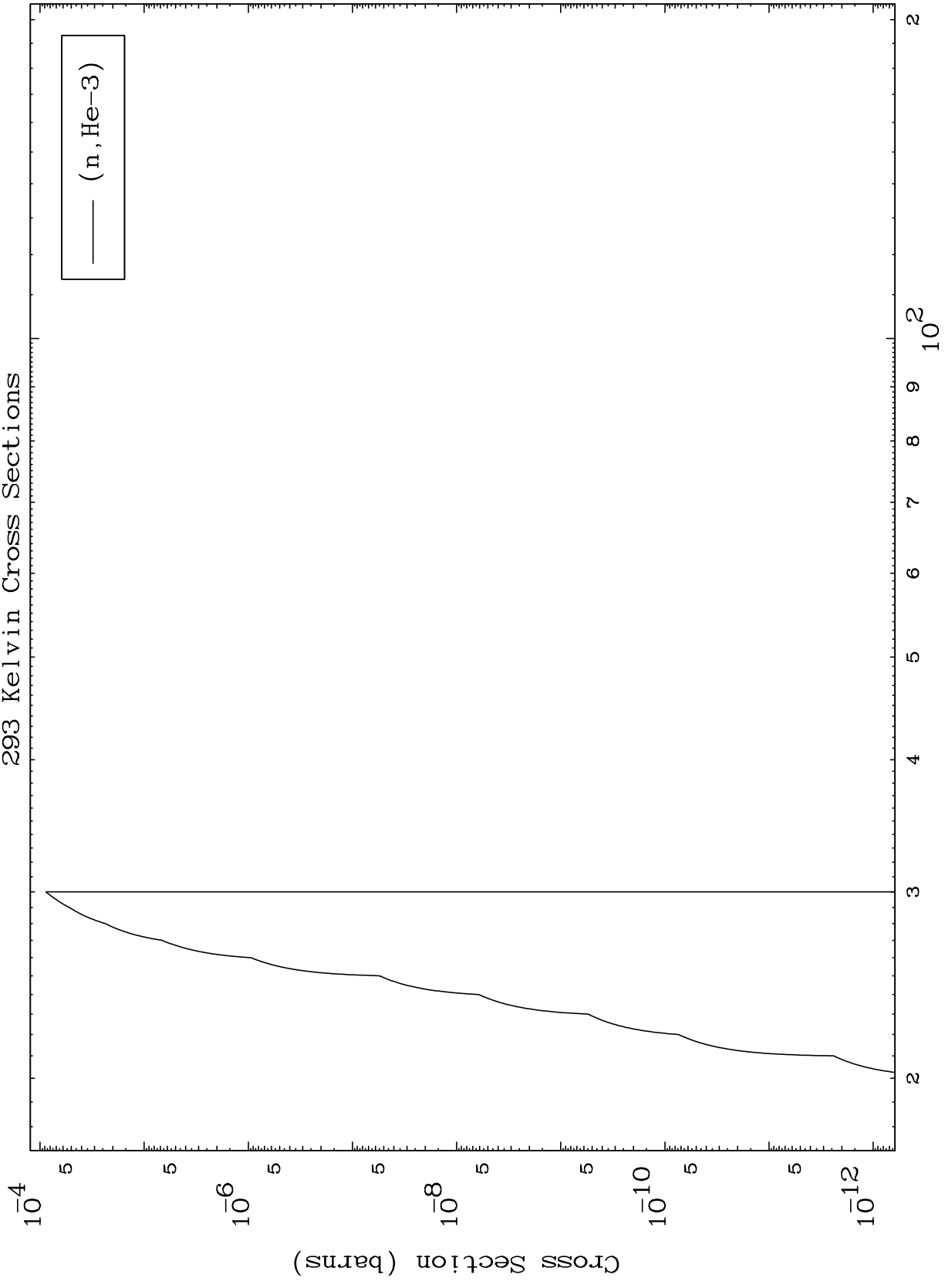
22-Ti-53



MAT 2246

(n,He3) Levels
293 Kelvin Cross Sections

22-Ti-53



12

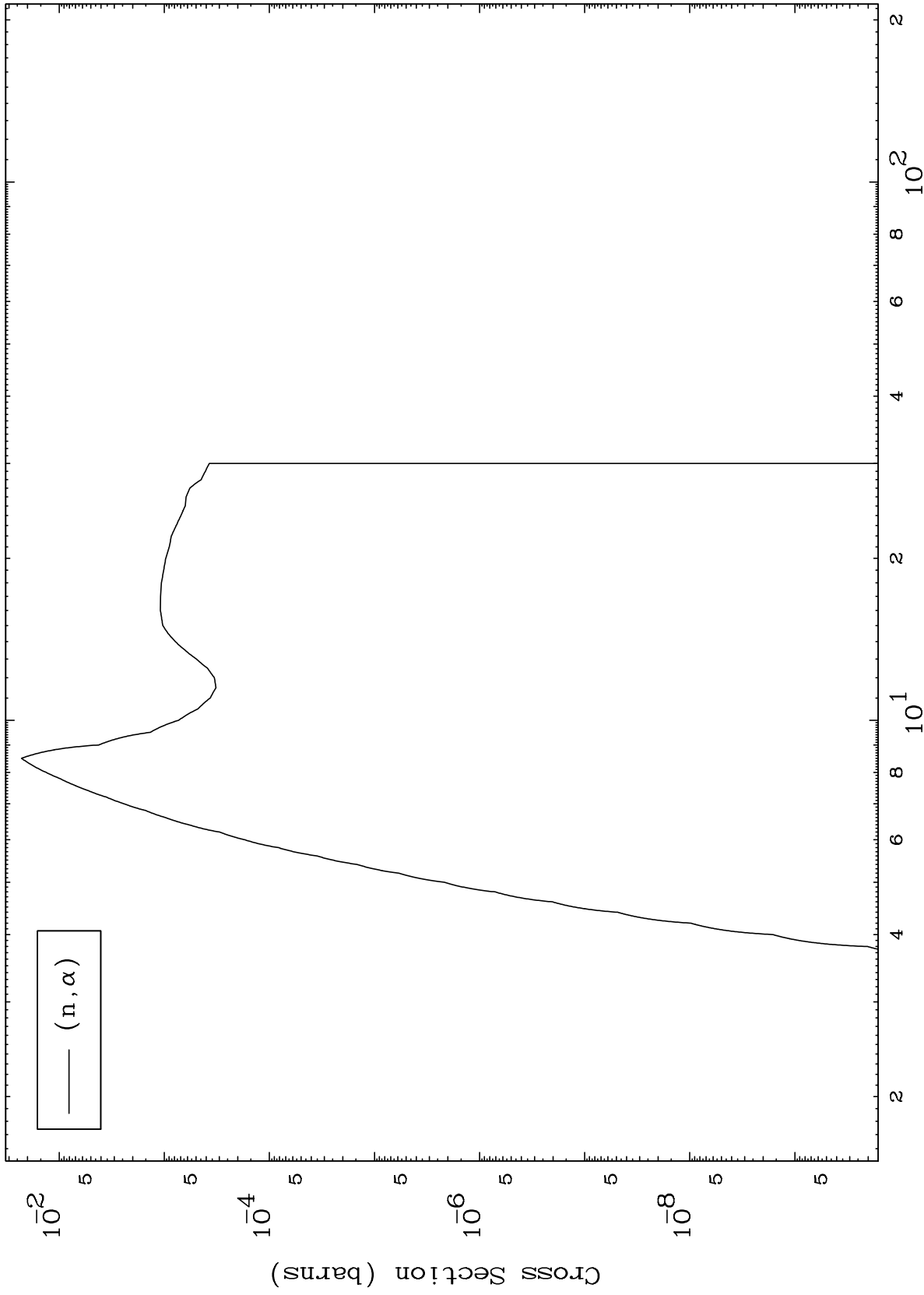
Incident Energy (MeV)

22-Ti-53

MAT 2246

(n,α) Levels
293 Kelvin Cross Sections

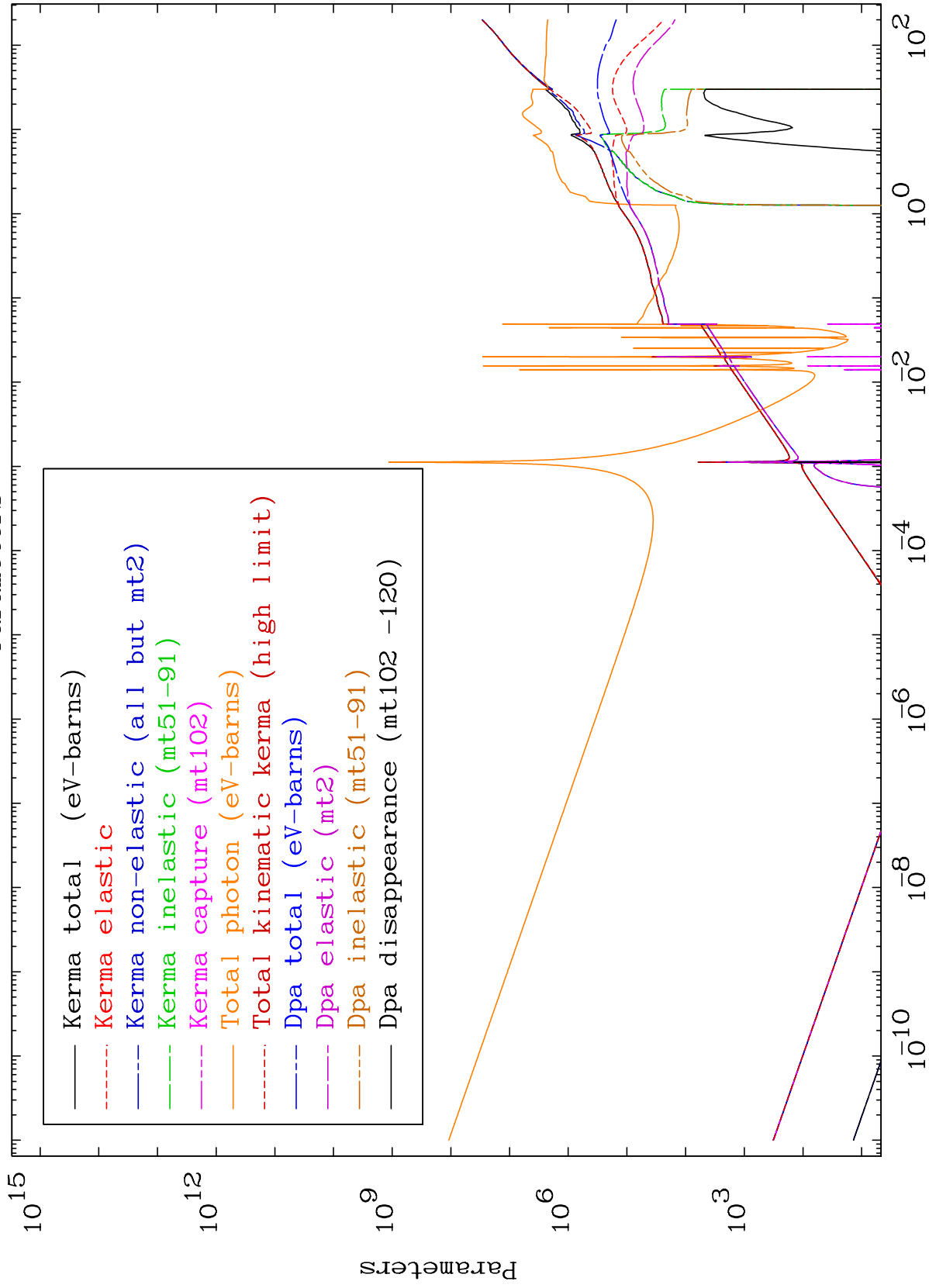
22-Ti-53



13

Incident Energy (MeV)

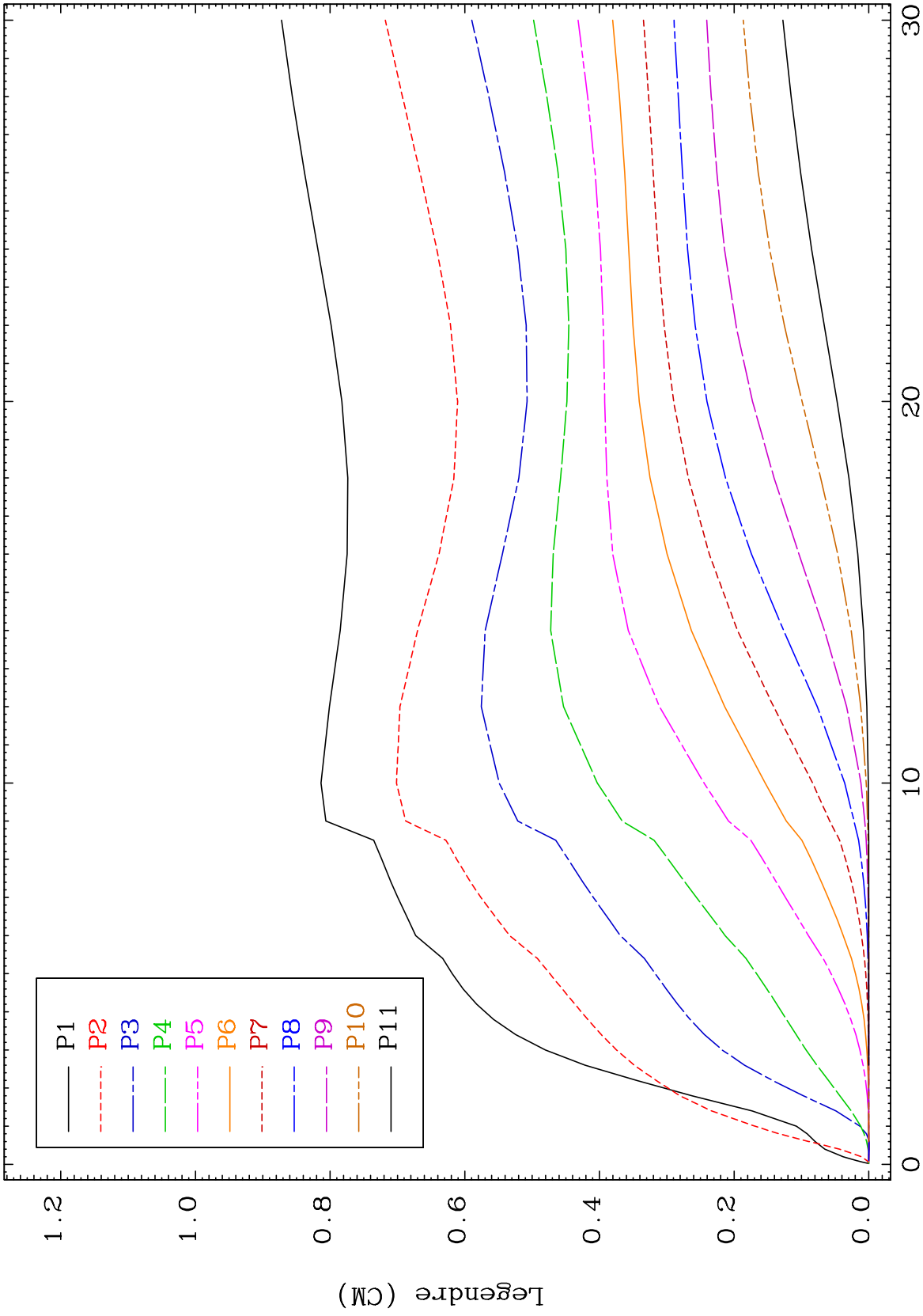
22-Ti-53



MAT 2246

Elastic Legendre Coefficients

22-Ti-53



15

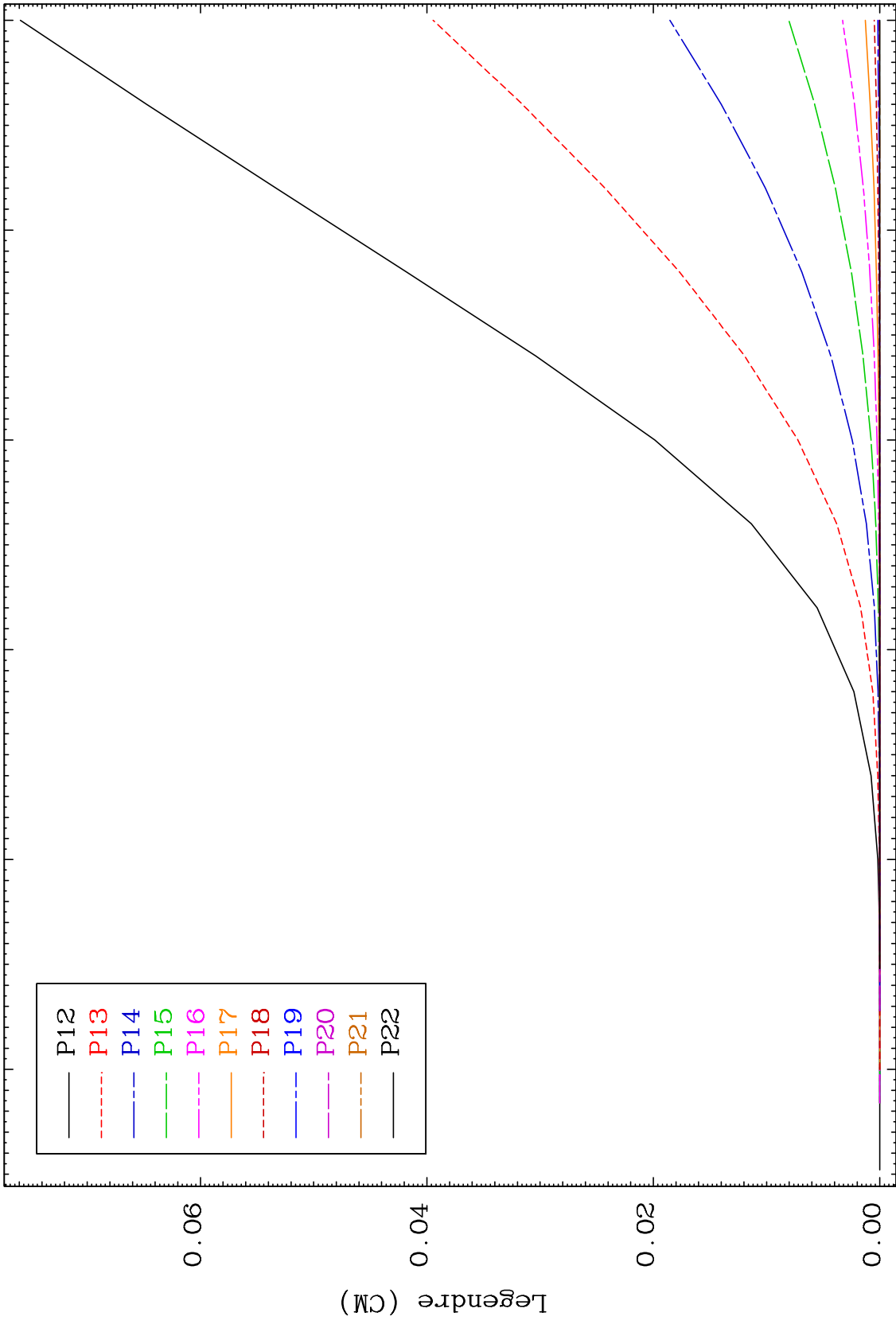
Incident Energy (MeV)

22-Ti-53

MAT 2246

Elastic Legendre Coefficients

²²Ti-53



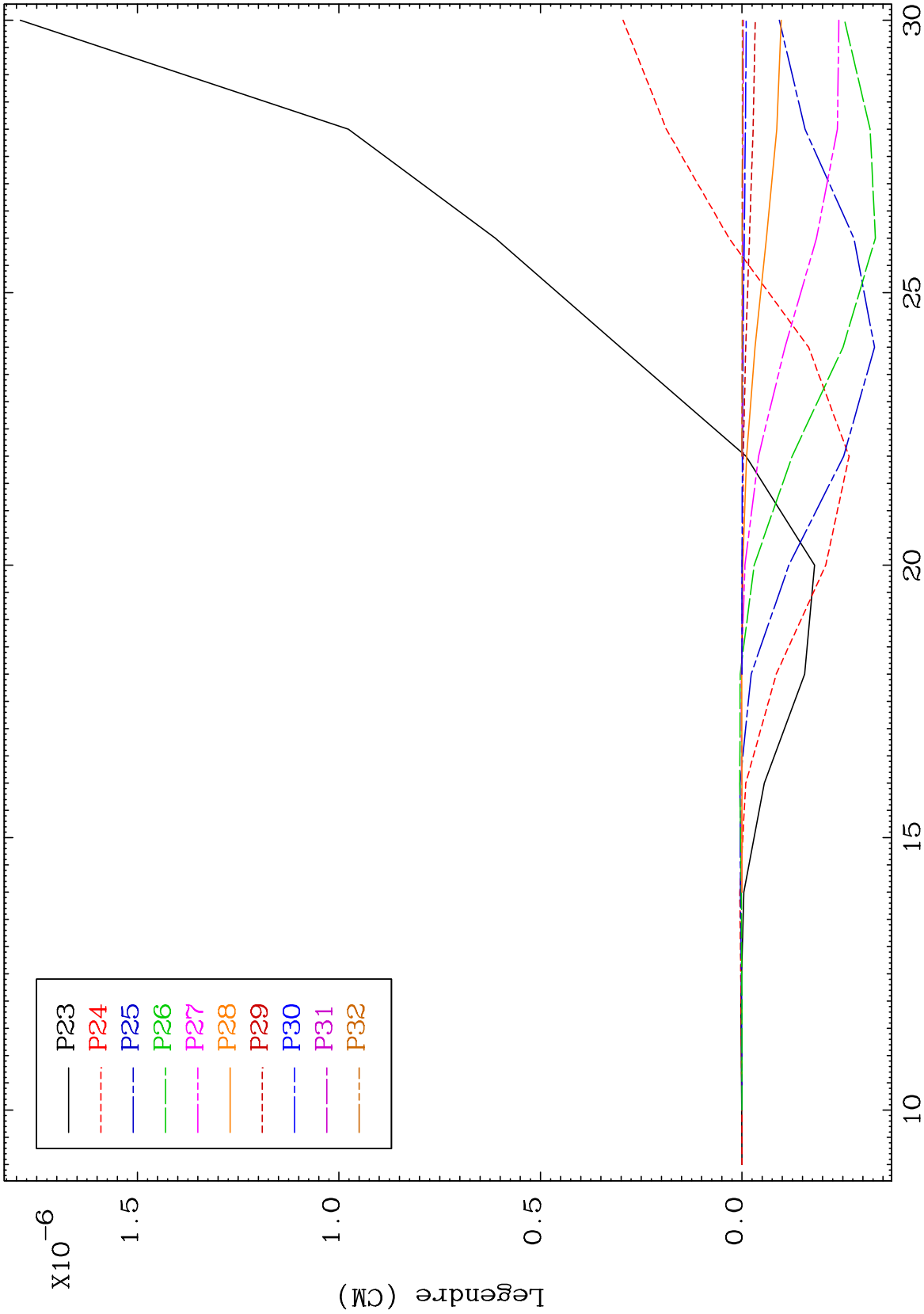
16

²²Ti-53

MAT 2246

Elastic Legendre Coefficients

22-Ti-53



17

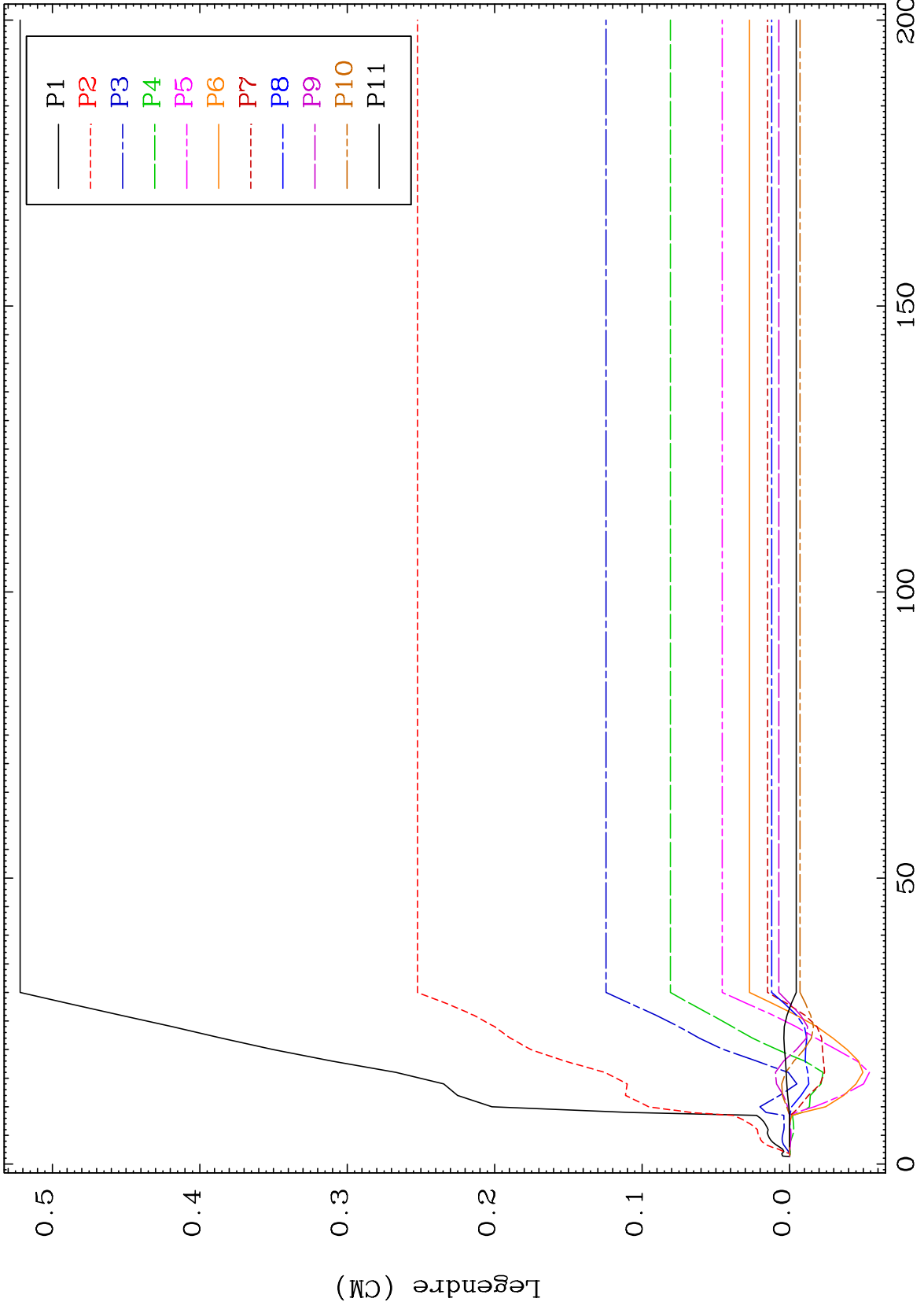
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



18

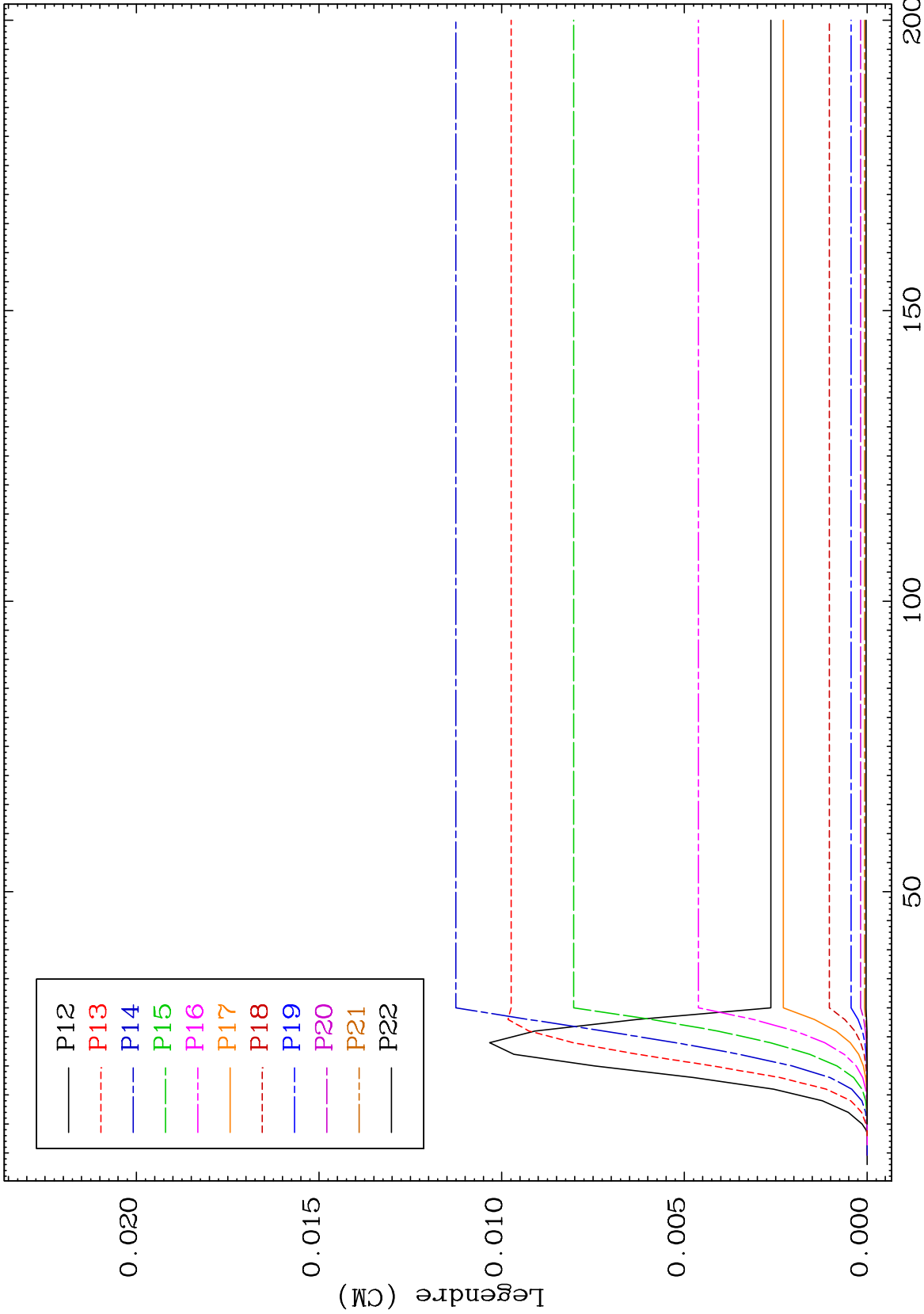
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

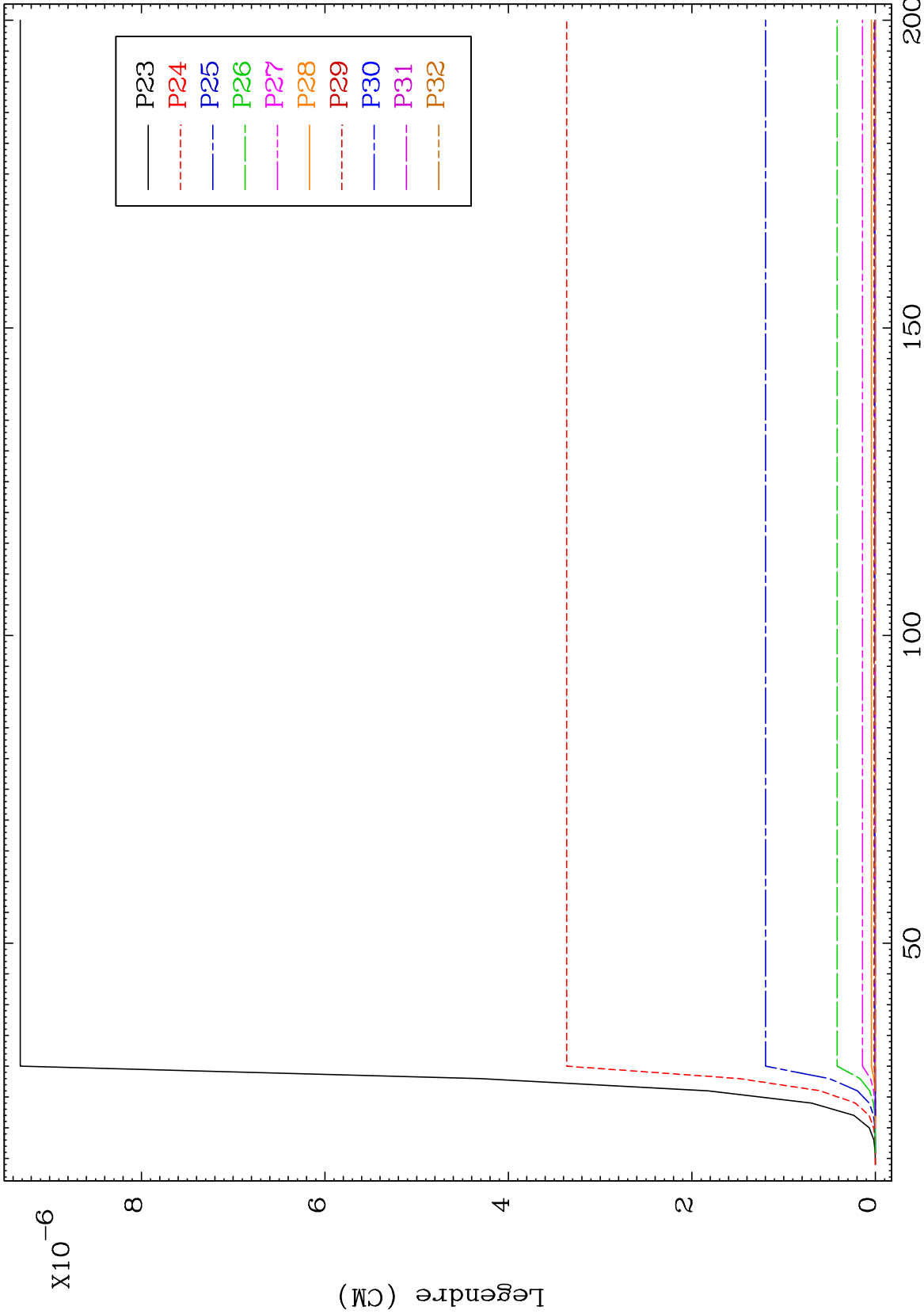
22-Ti-53



MAT 2246

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

22-Ti-53



22-Ti-53

Incident Energy (MeV)

20

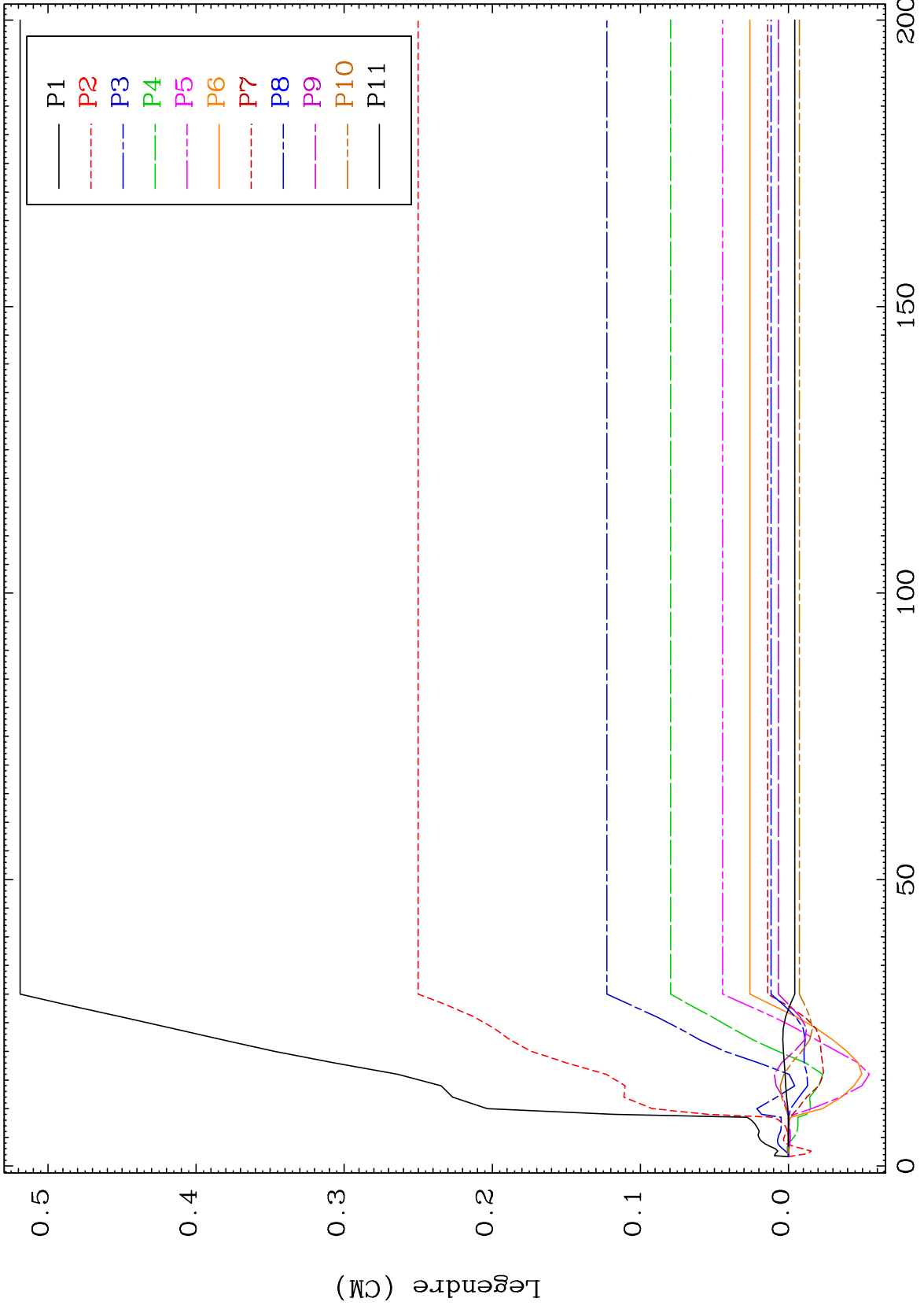
$\times 10^{-6}$

Legendre (CM)

MAT 2246

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

22-Ti-53



21

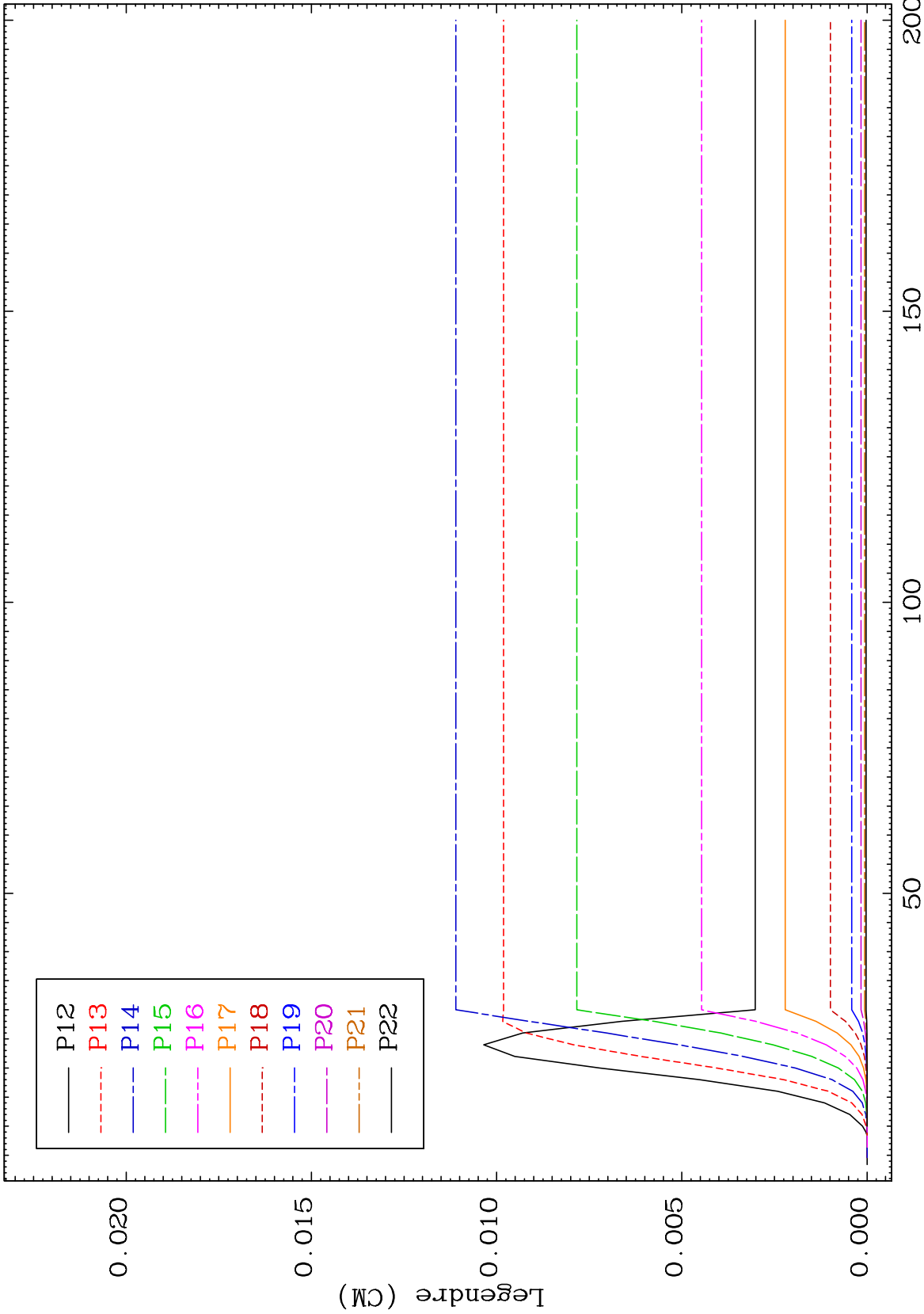
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



22

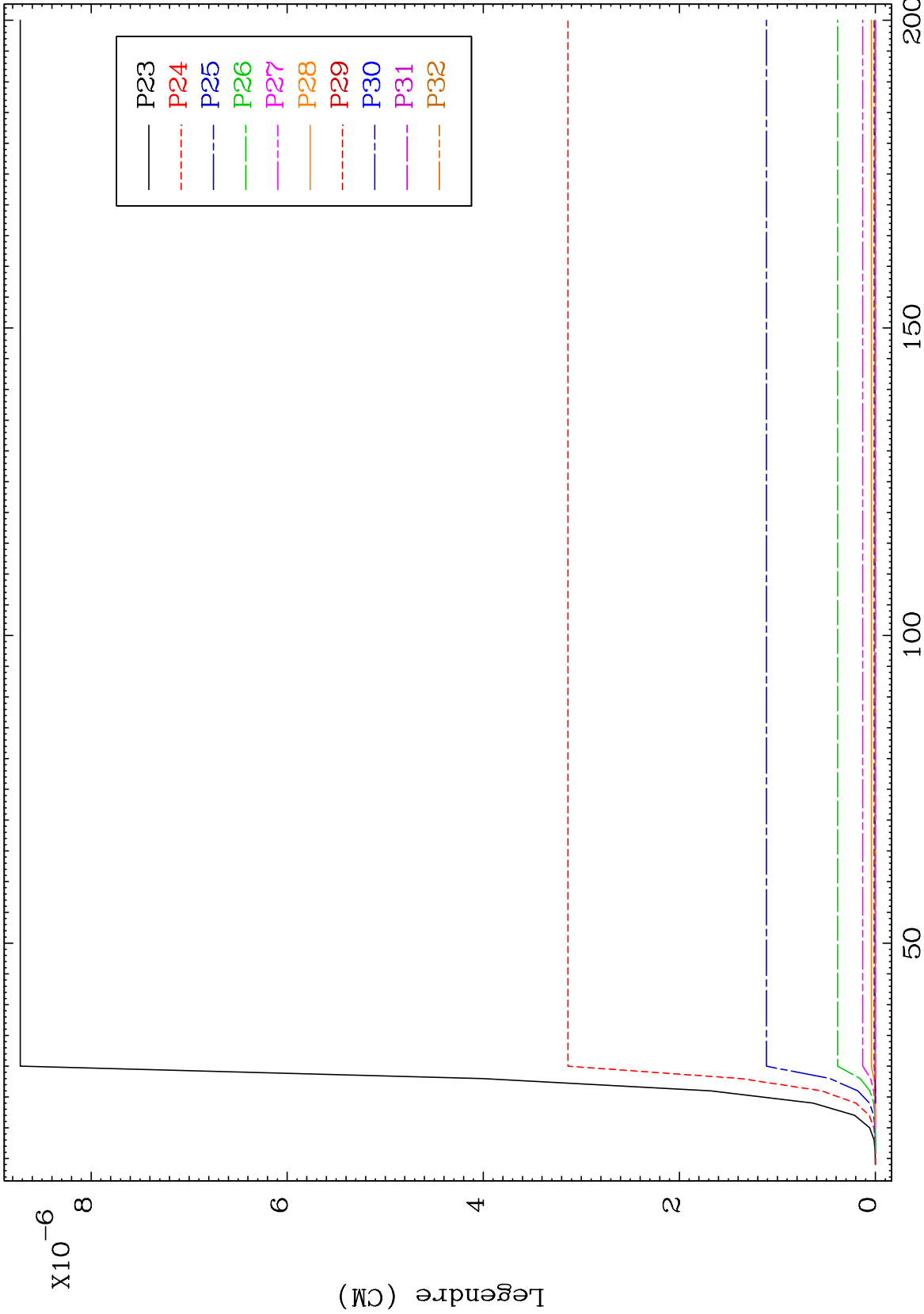
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

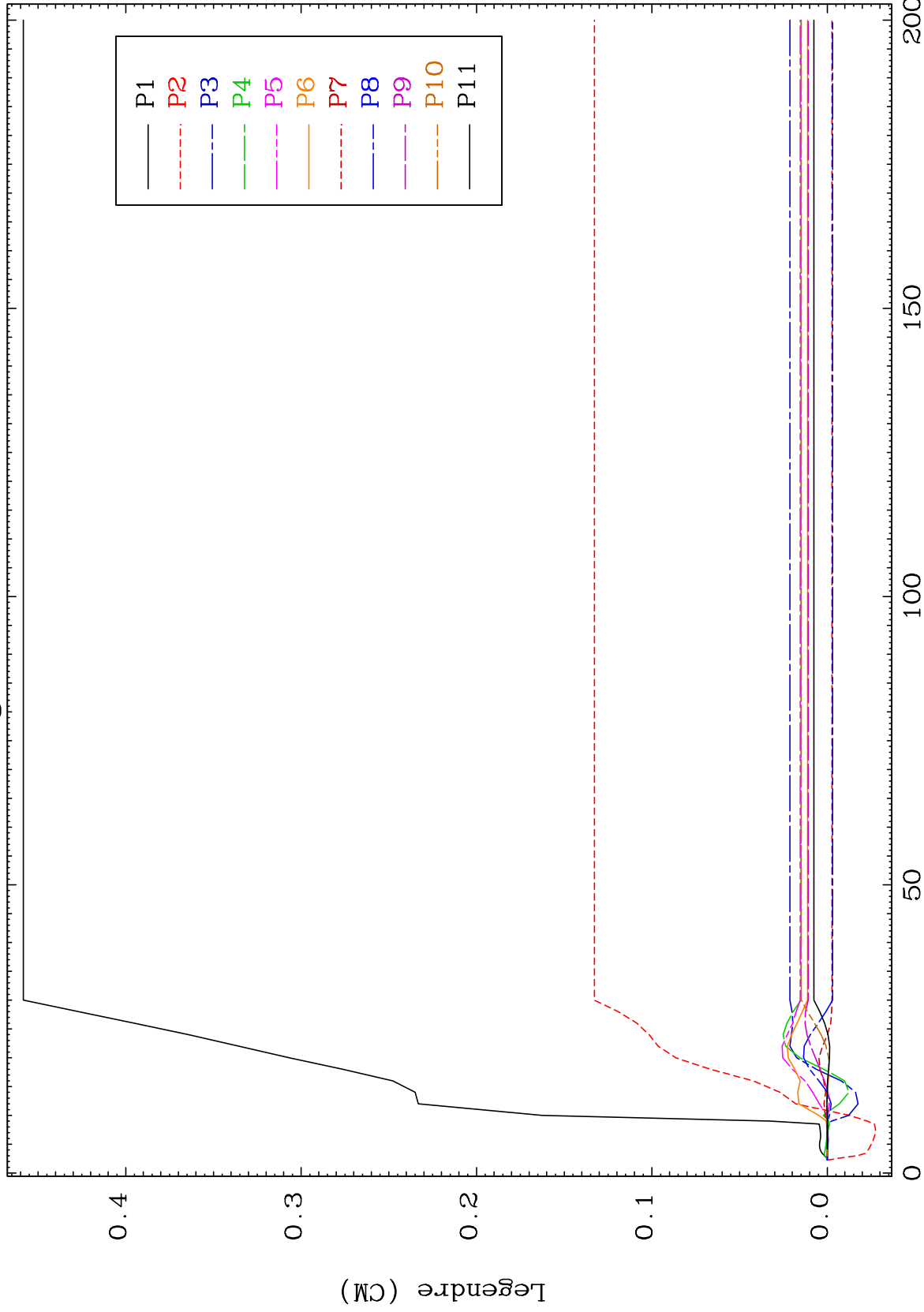
22-Ti-53



MAT 2246

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

22-Ti-53

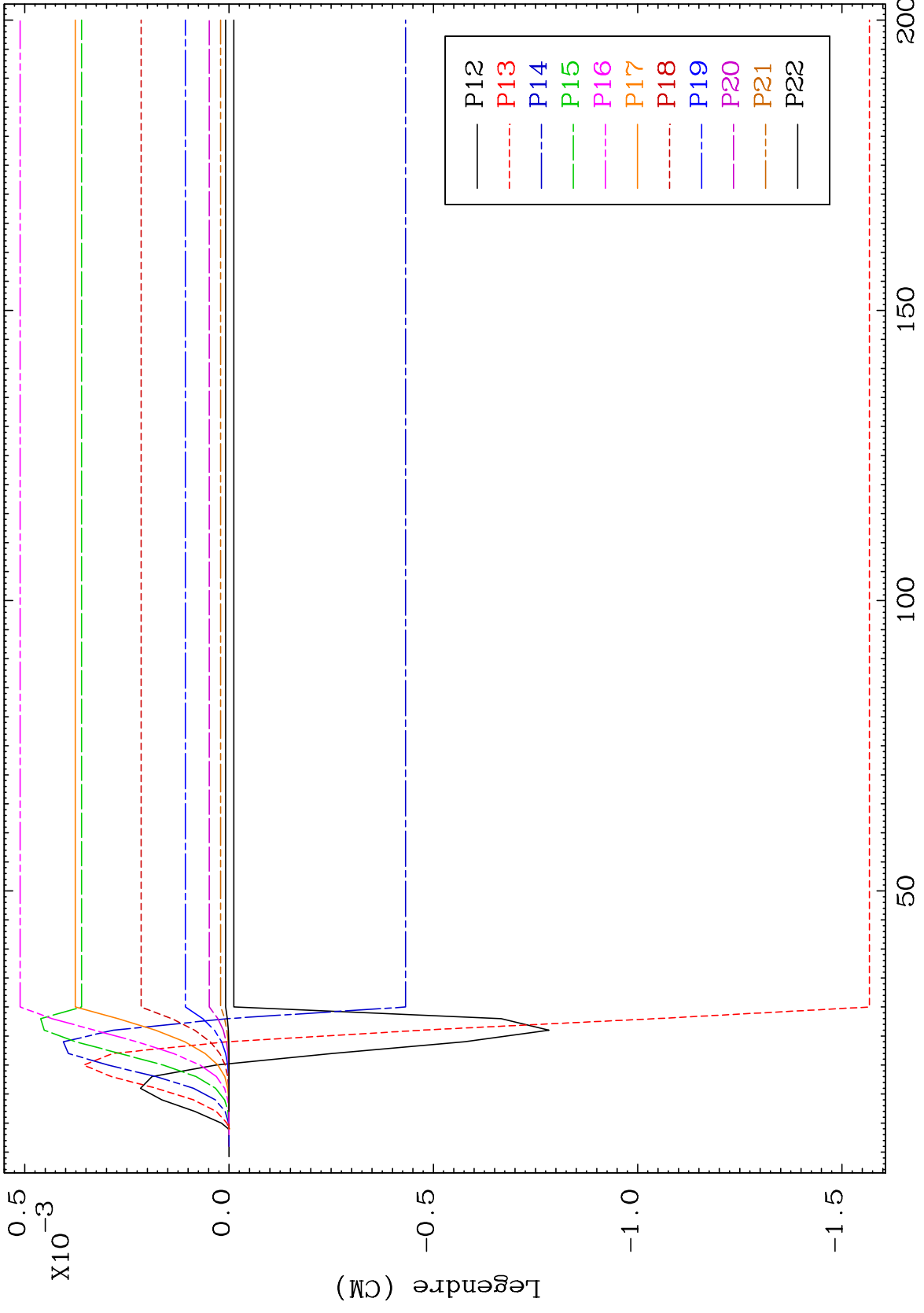


24

Incident Energy (MeV)

22-Ti-53

MAT 2246 MT= 53 (n,n') Level Legendre Coefficients 22-Ti-53

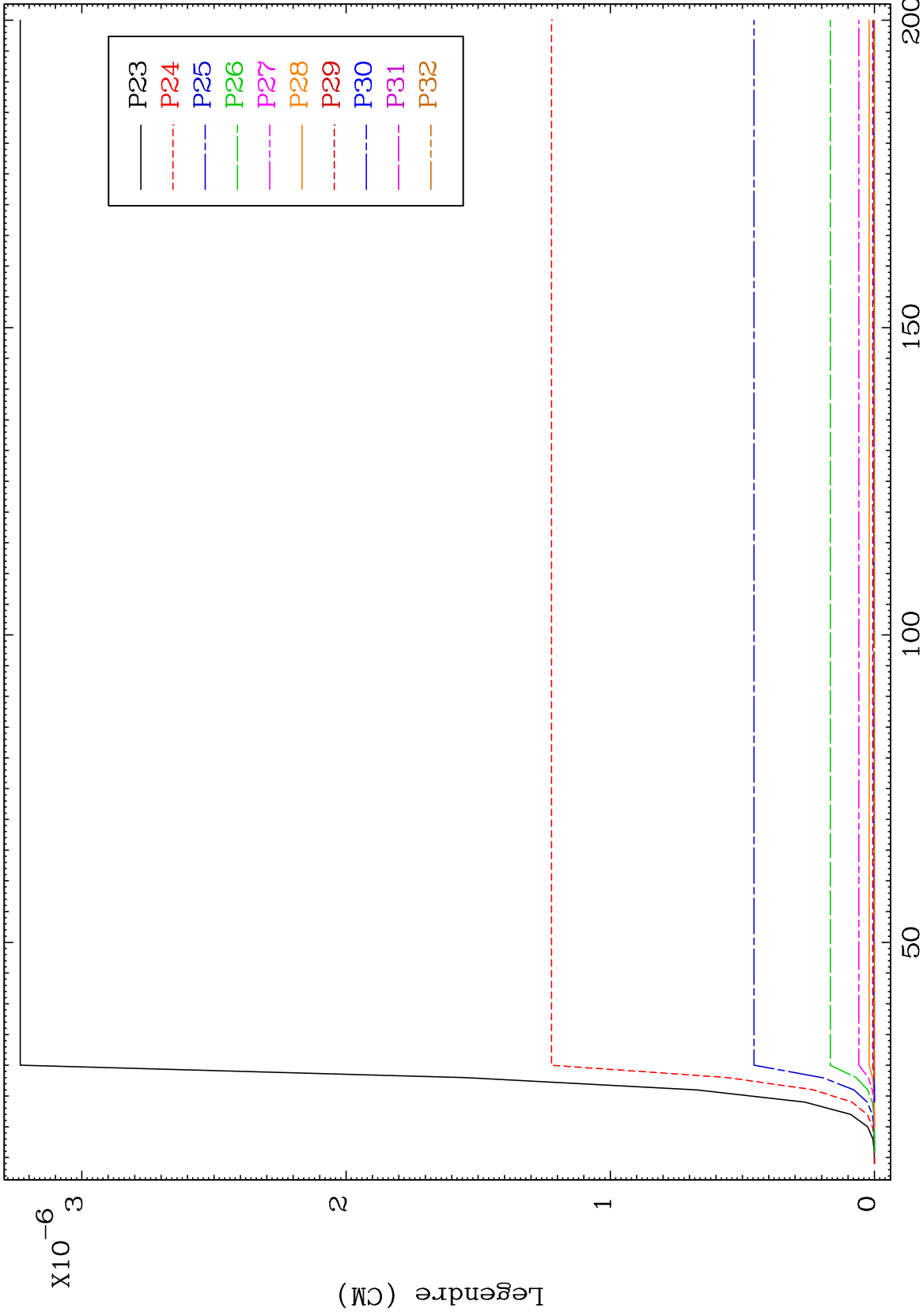


25 Incident Energy (MeV) 22-Ti-53

MAT 2246

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

22-Ti-53



26

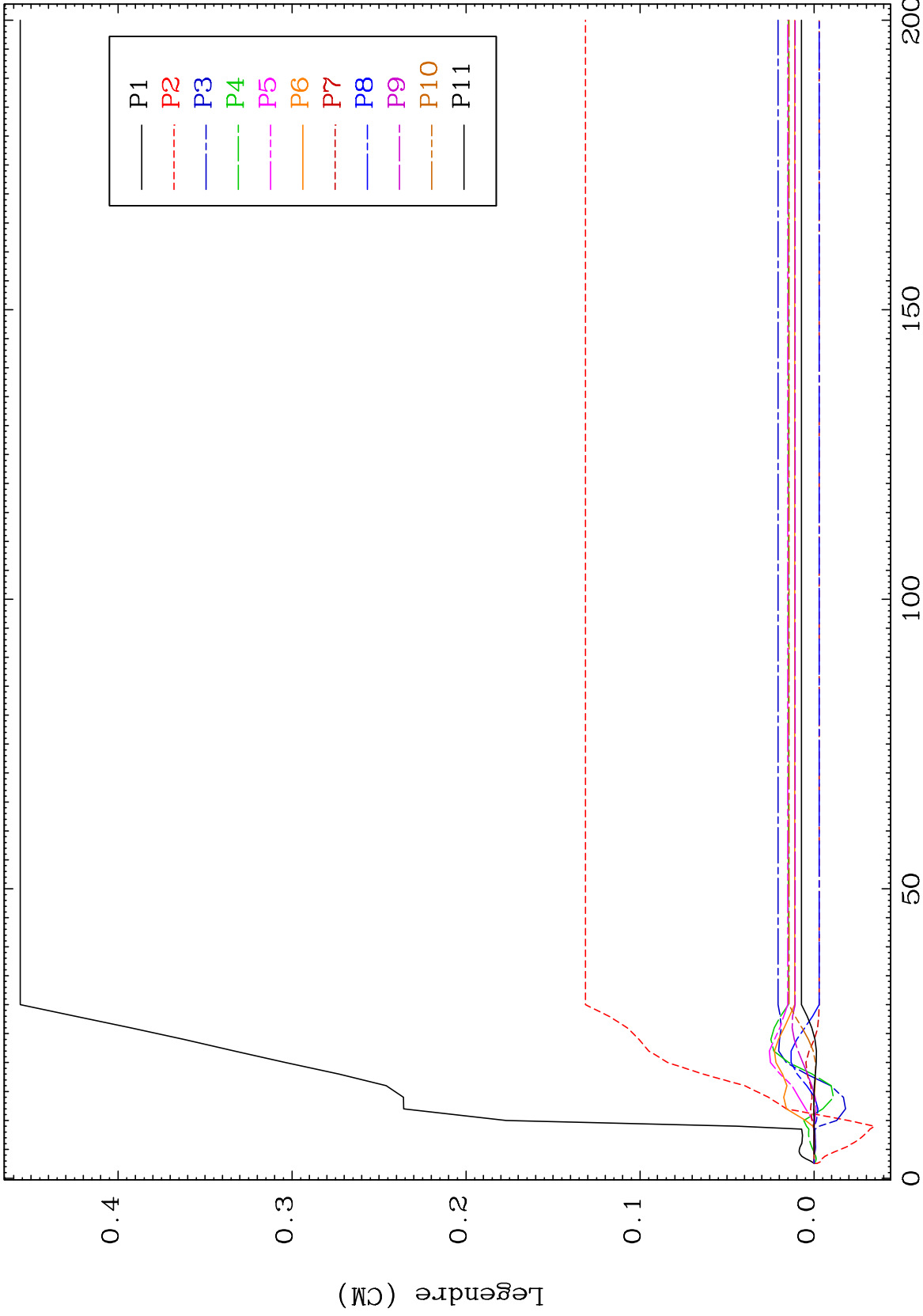
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



27

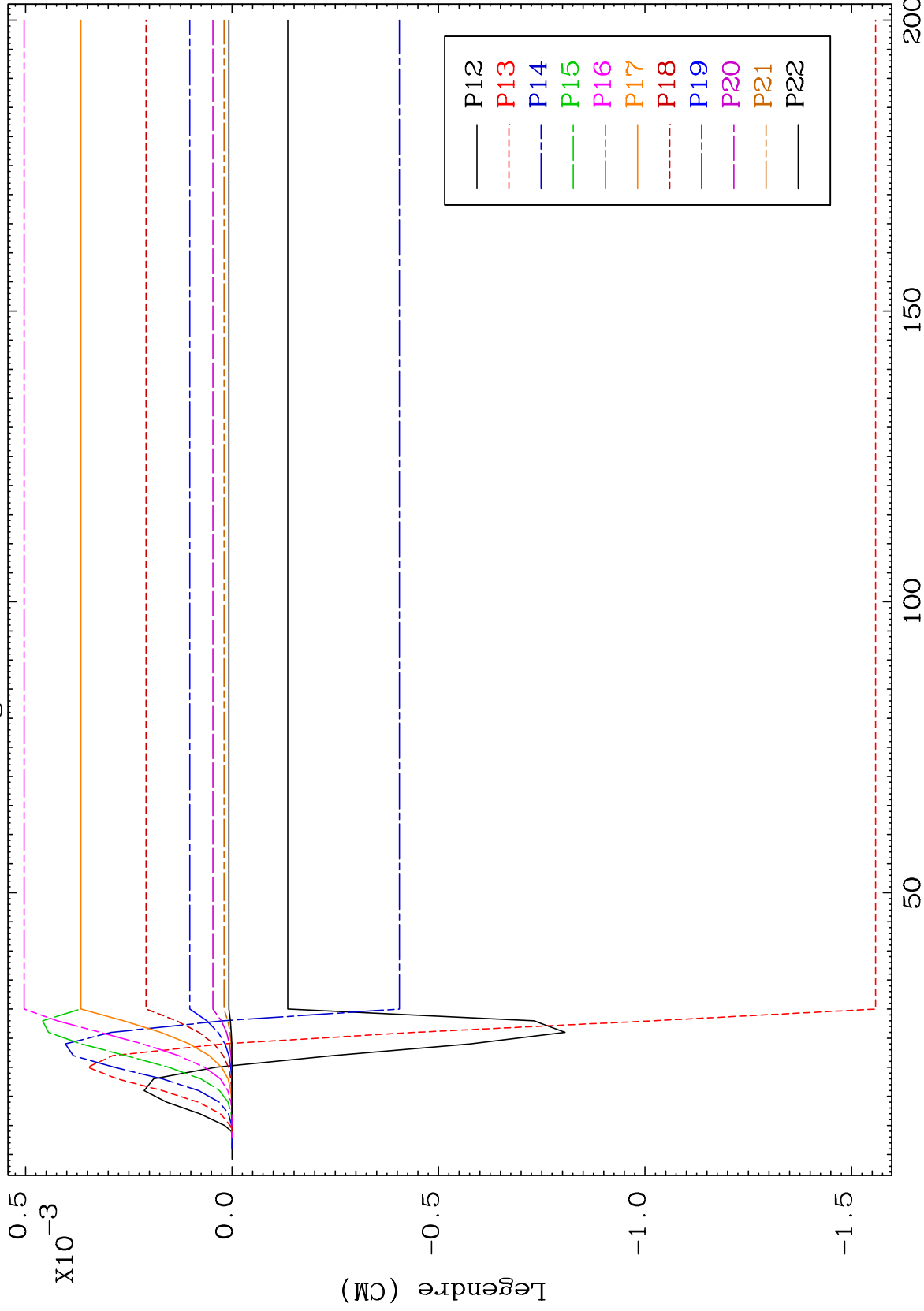
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



28

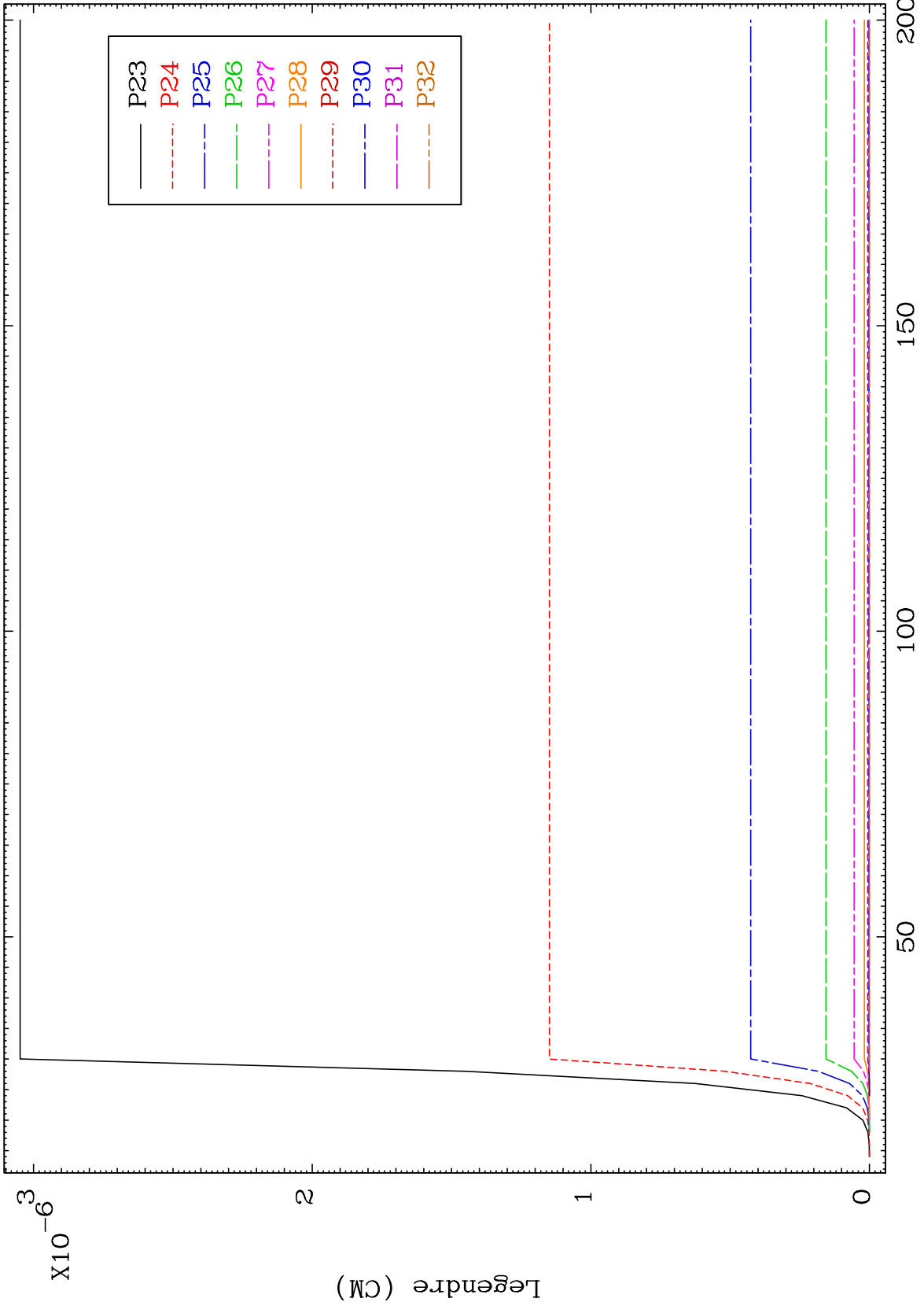
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



29

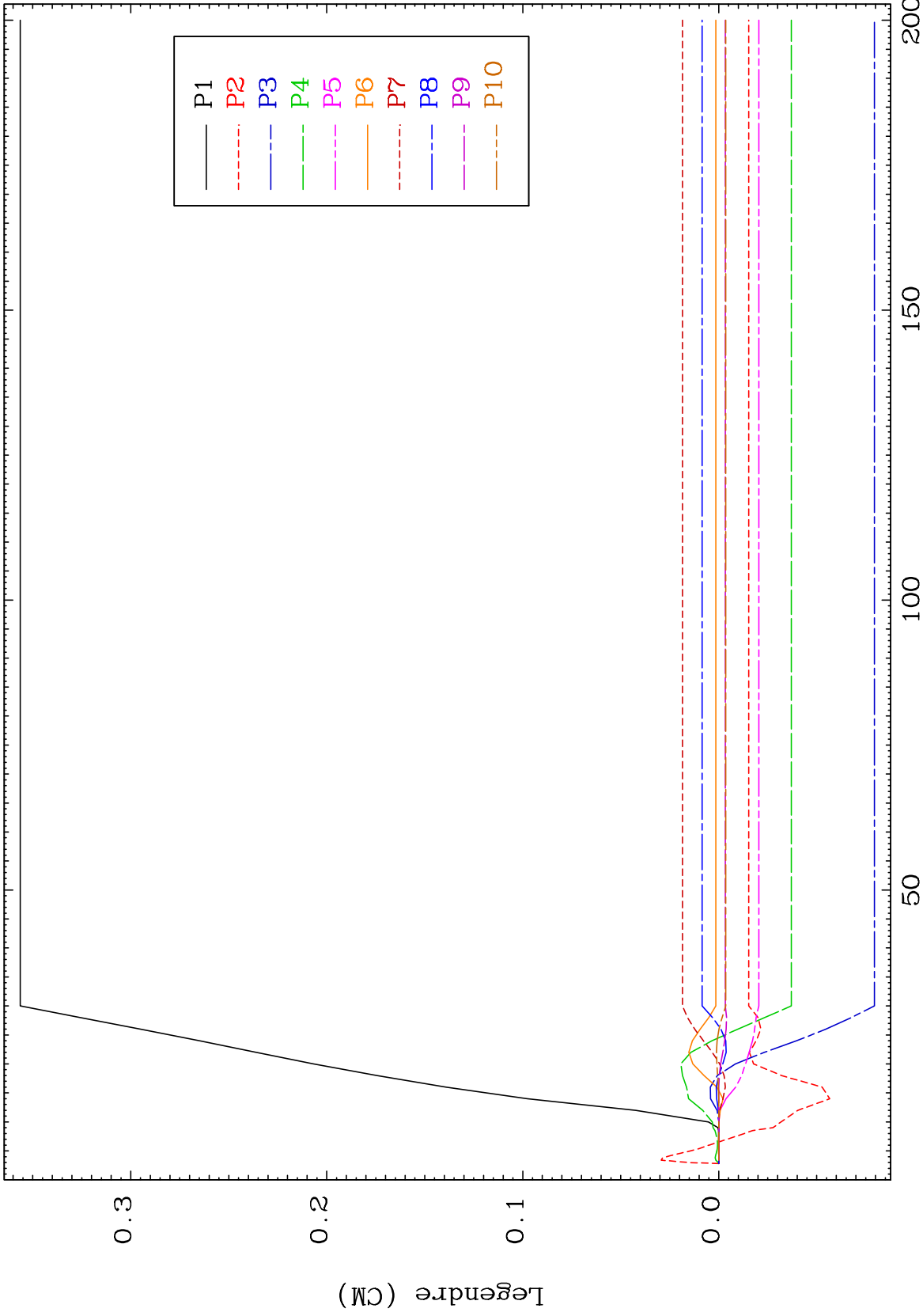
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

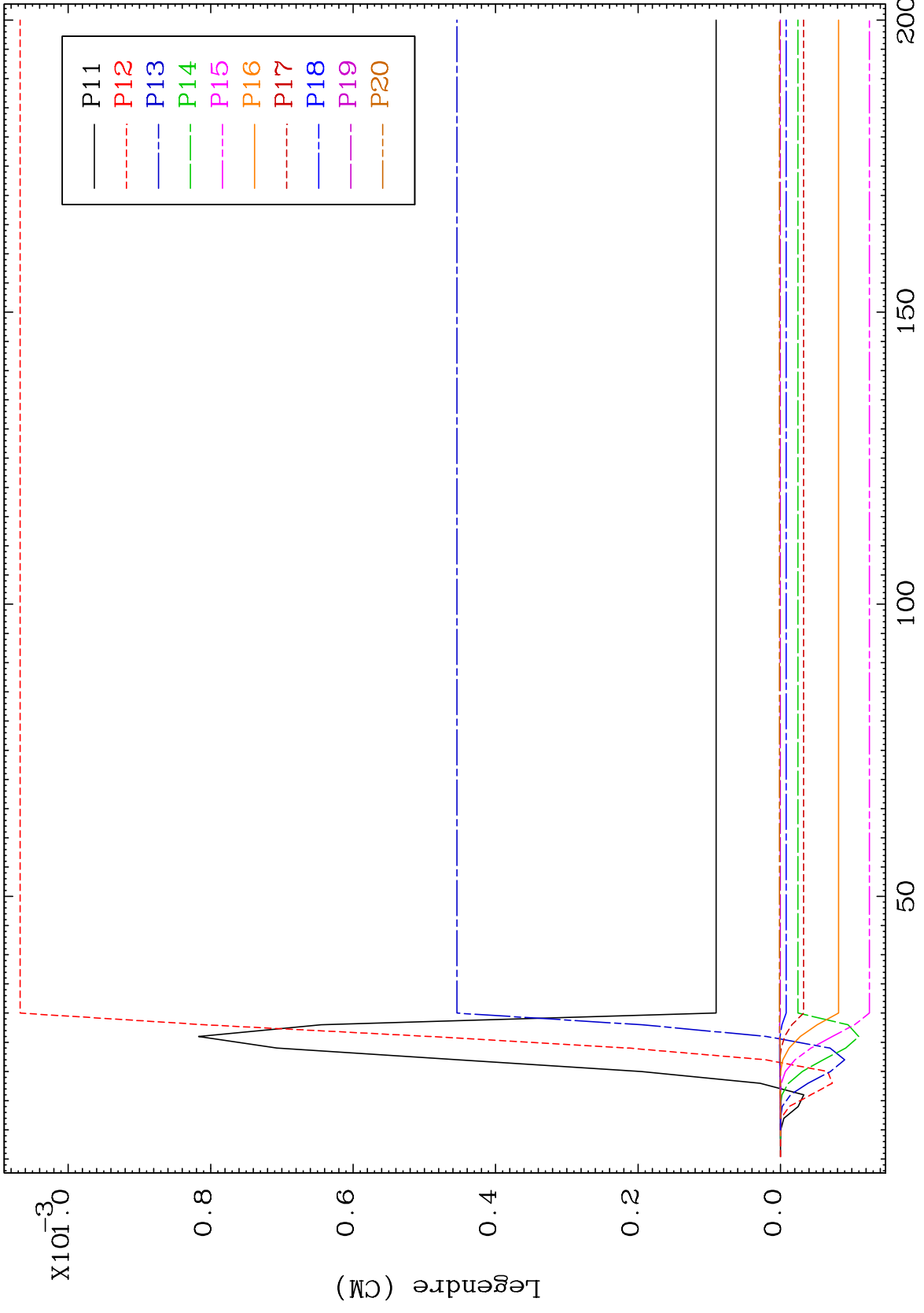
22-Ti-53



30

Incident Energy (MeV)

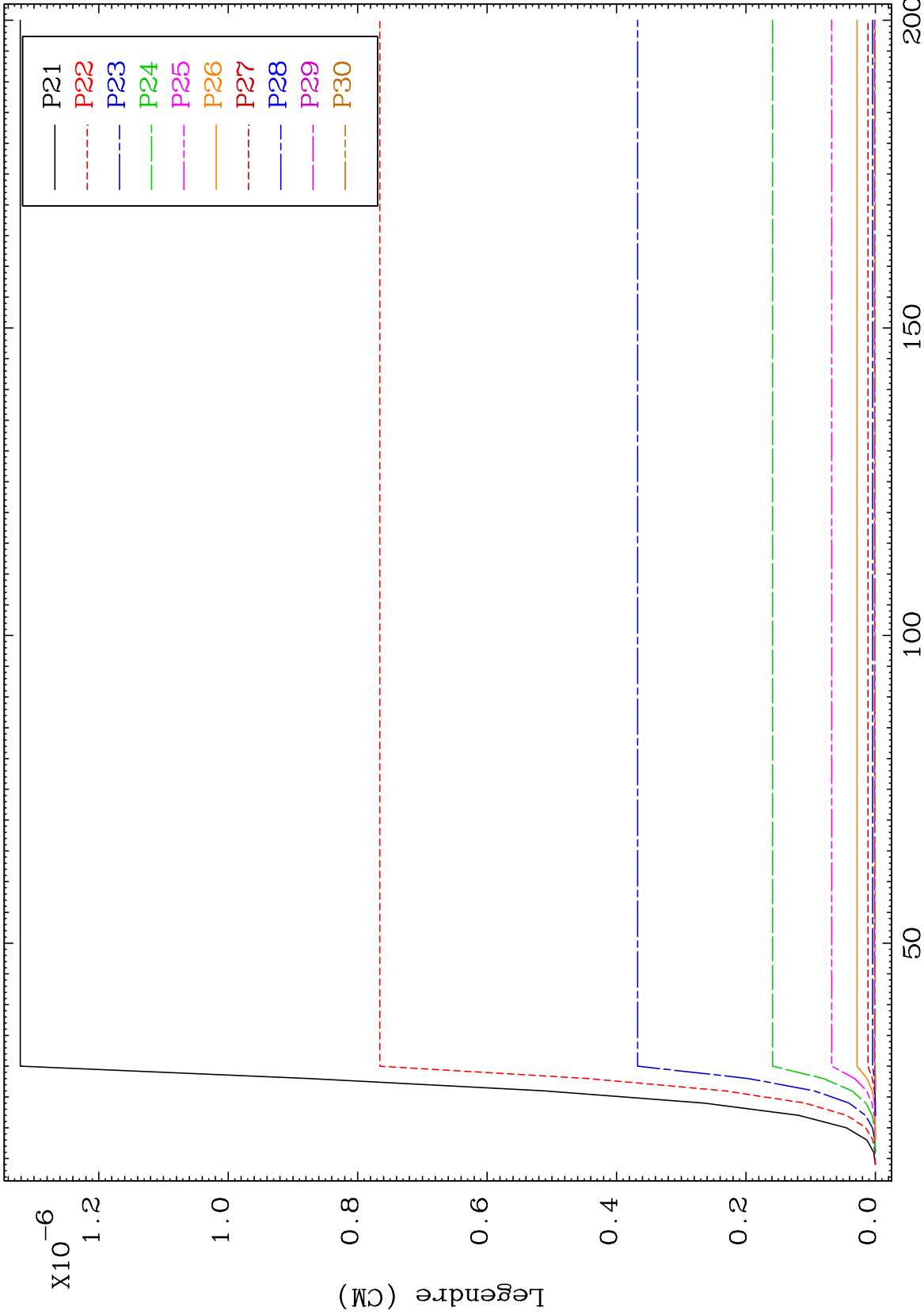
22-Ti-53



MAT 2246

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

22-Ti-53



32

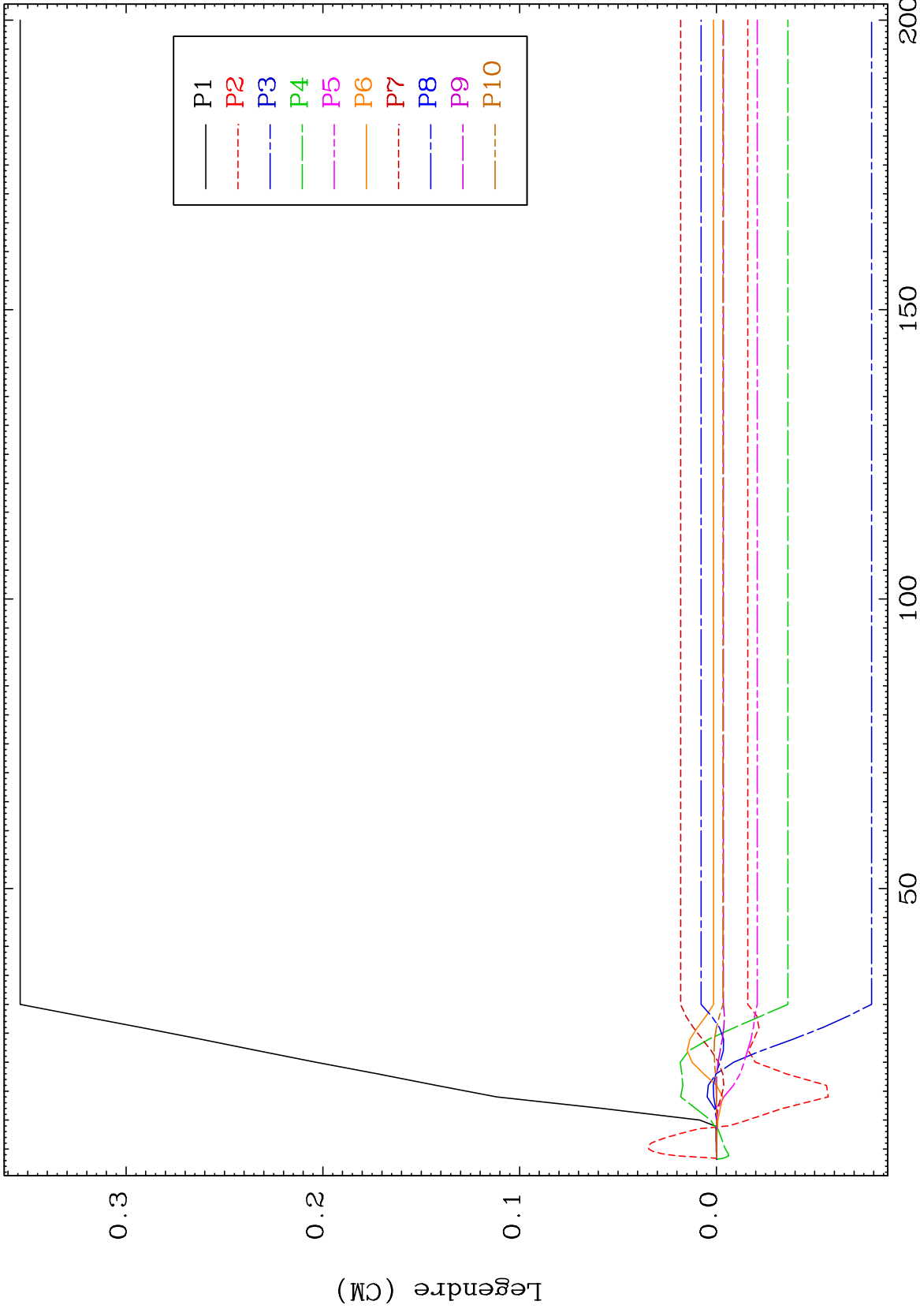
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

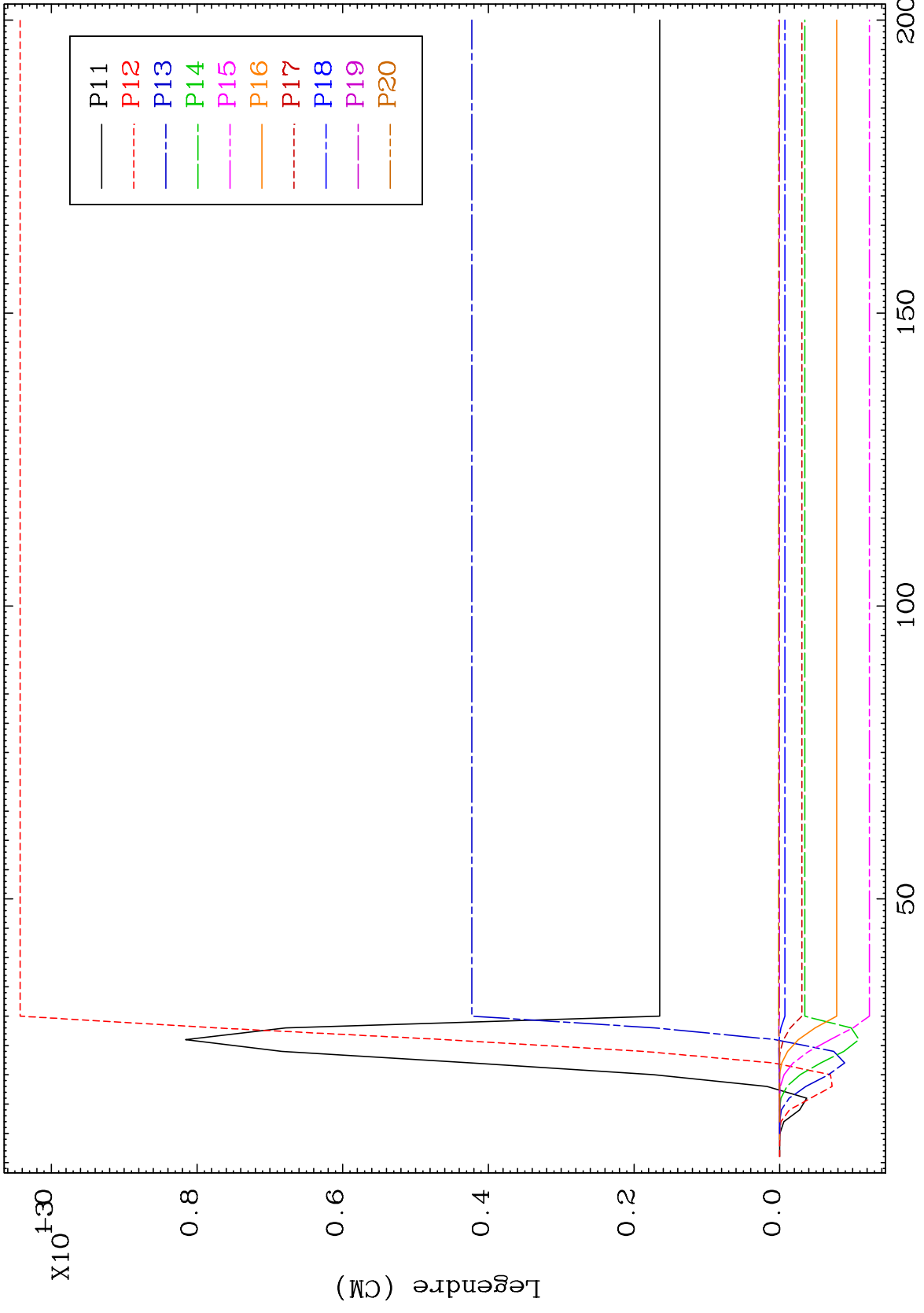
22-Ti-53



33

22-Ti-53

MAT 2246 MT= 56 (n,n') Level Legendre Coefficients 22-Ti-53

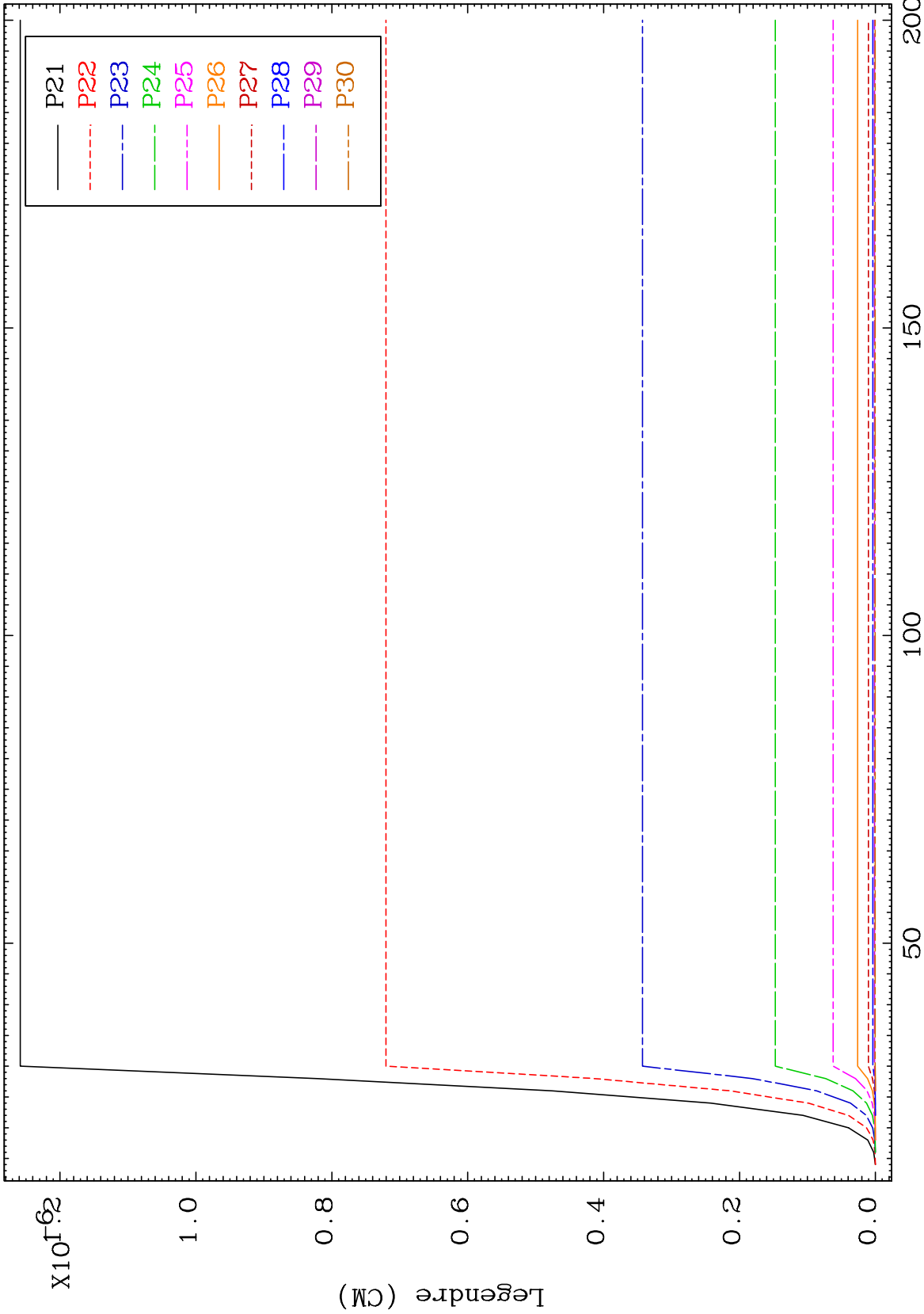


34 22-Ti-53

MAT 2246

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

22-Ti-53



35

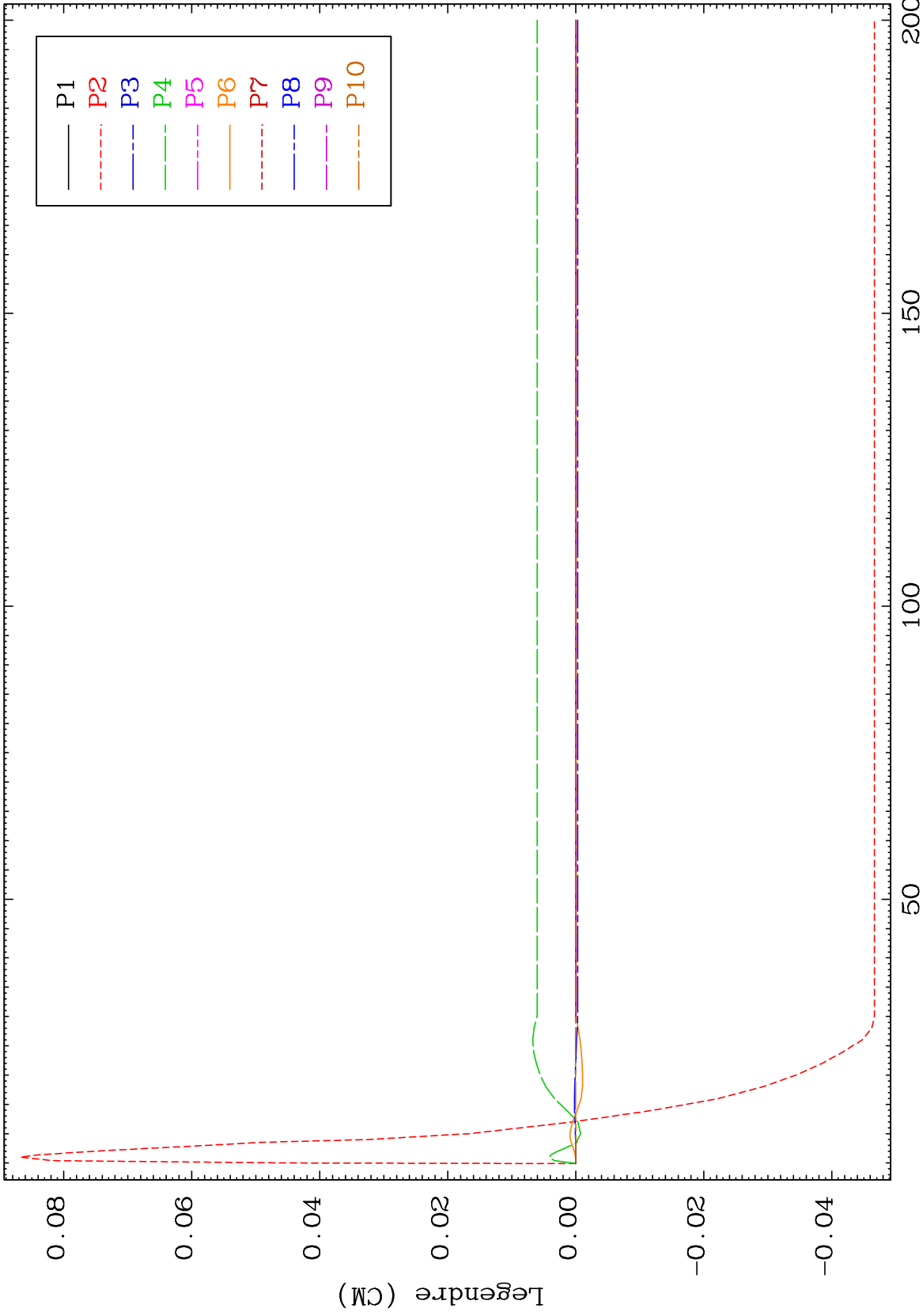
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



36

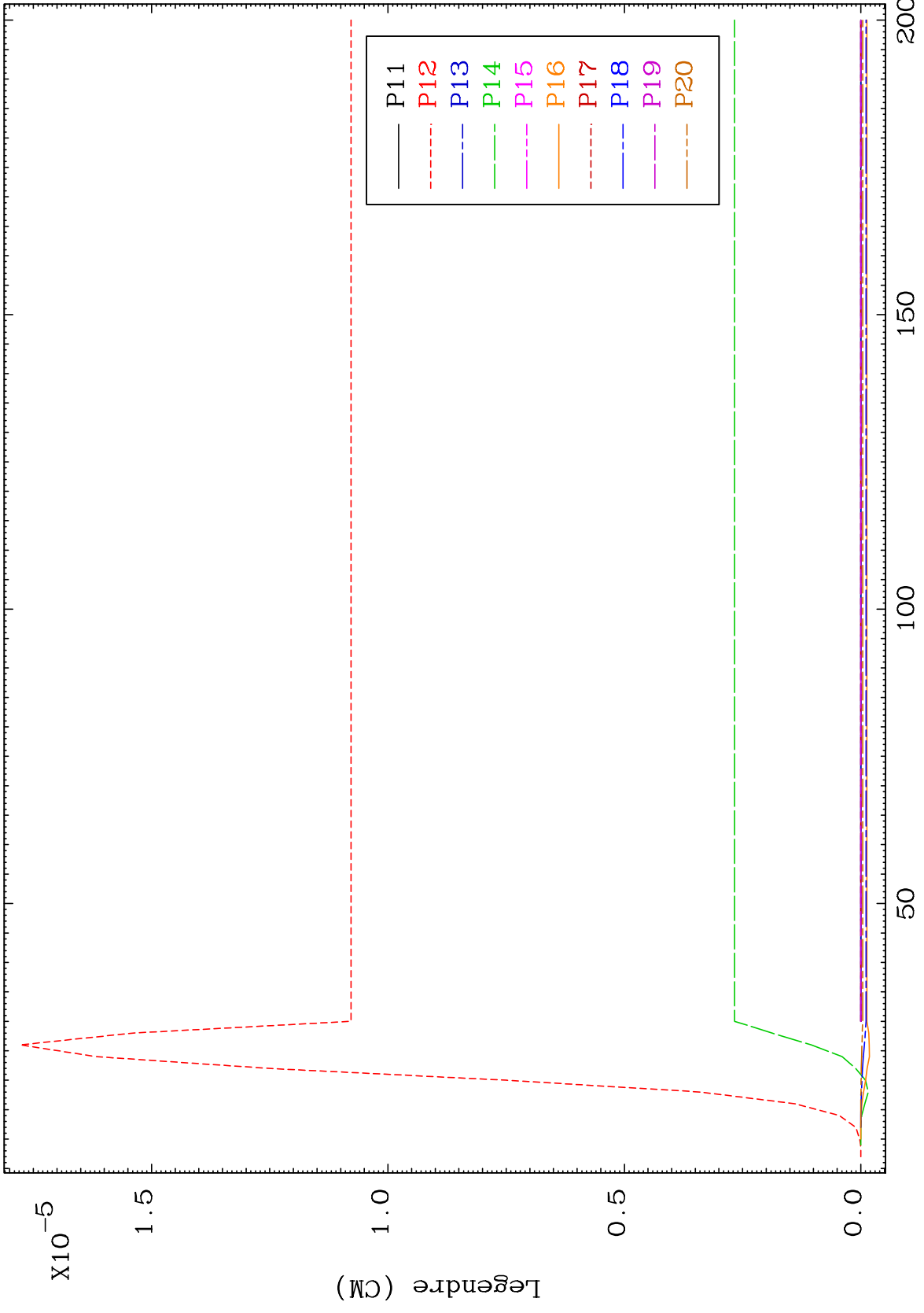
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



37

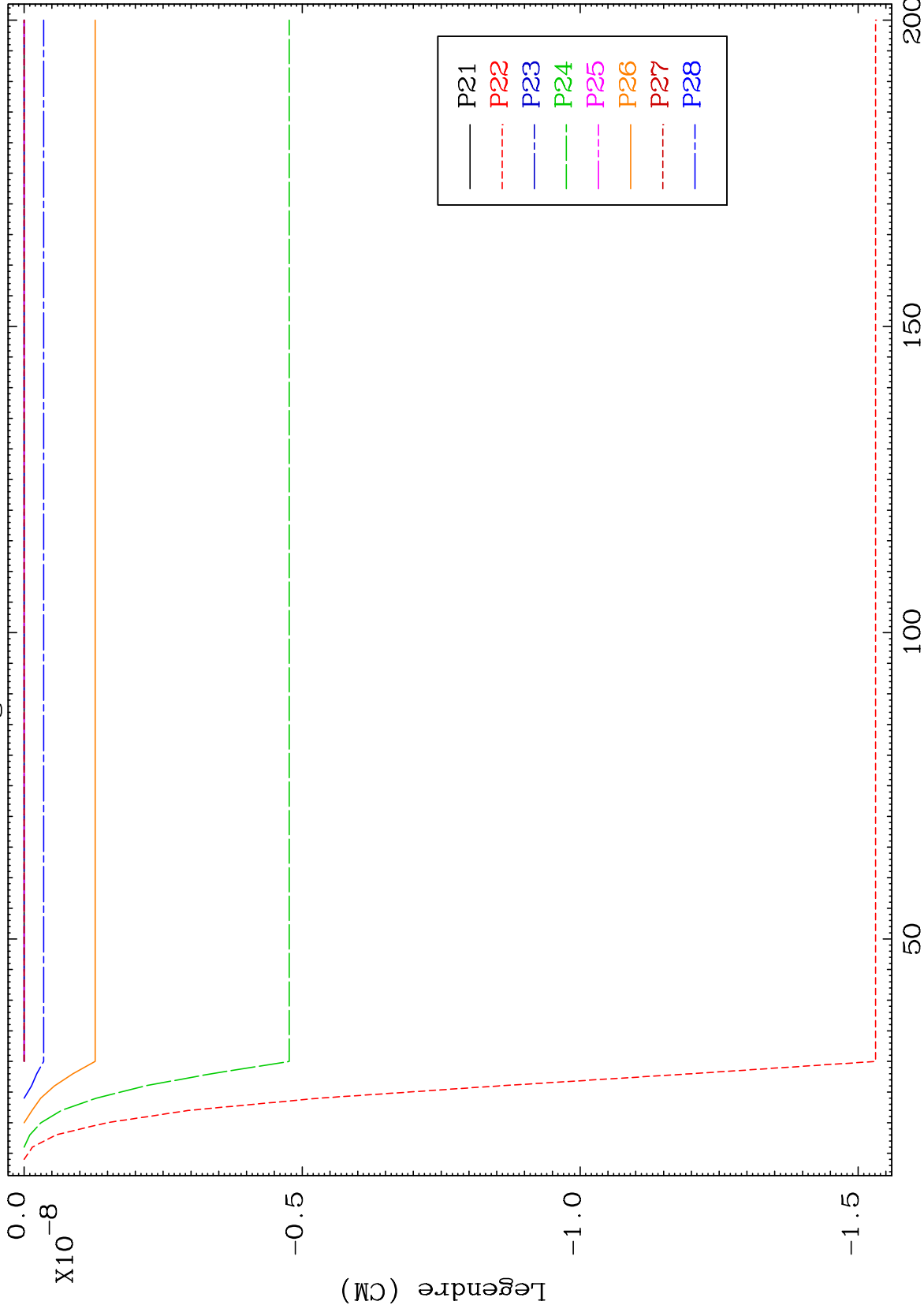
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



38

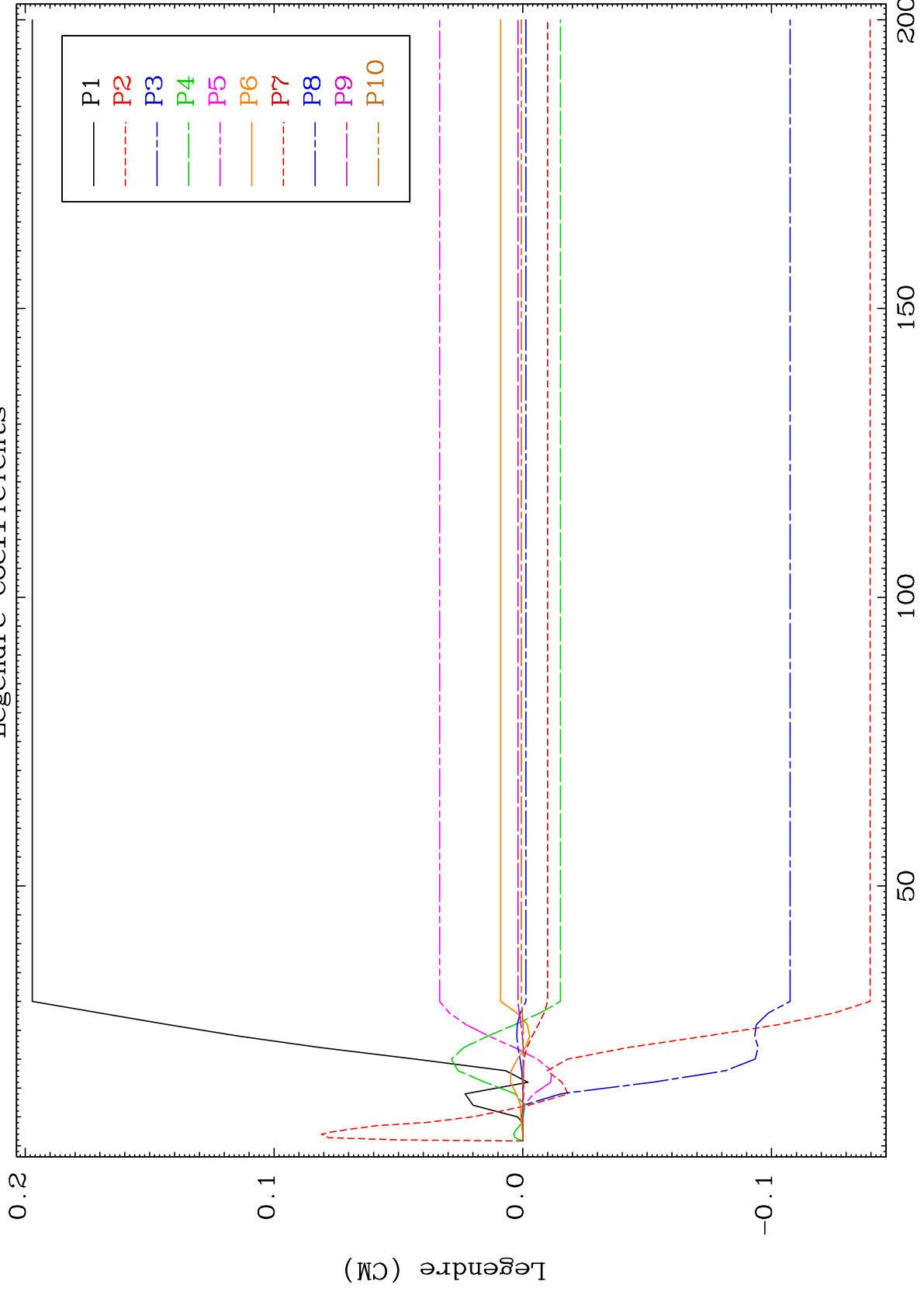
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53

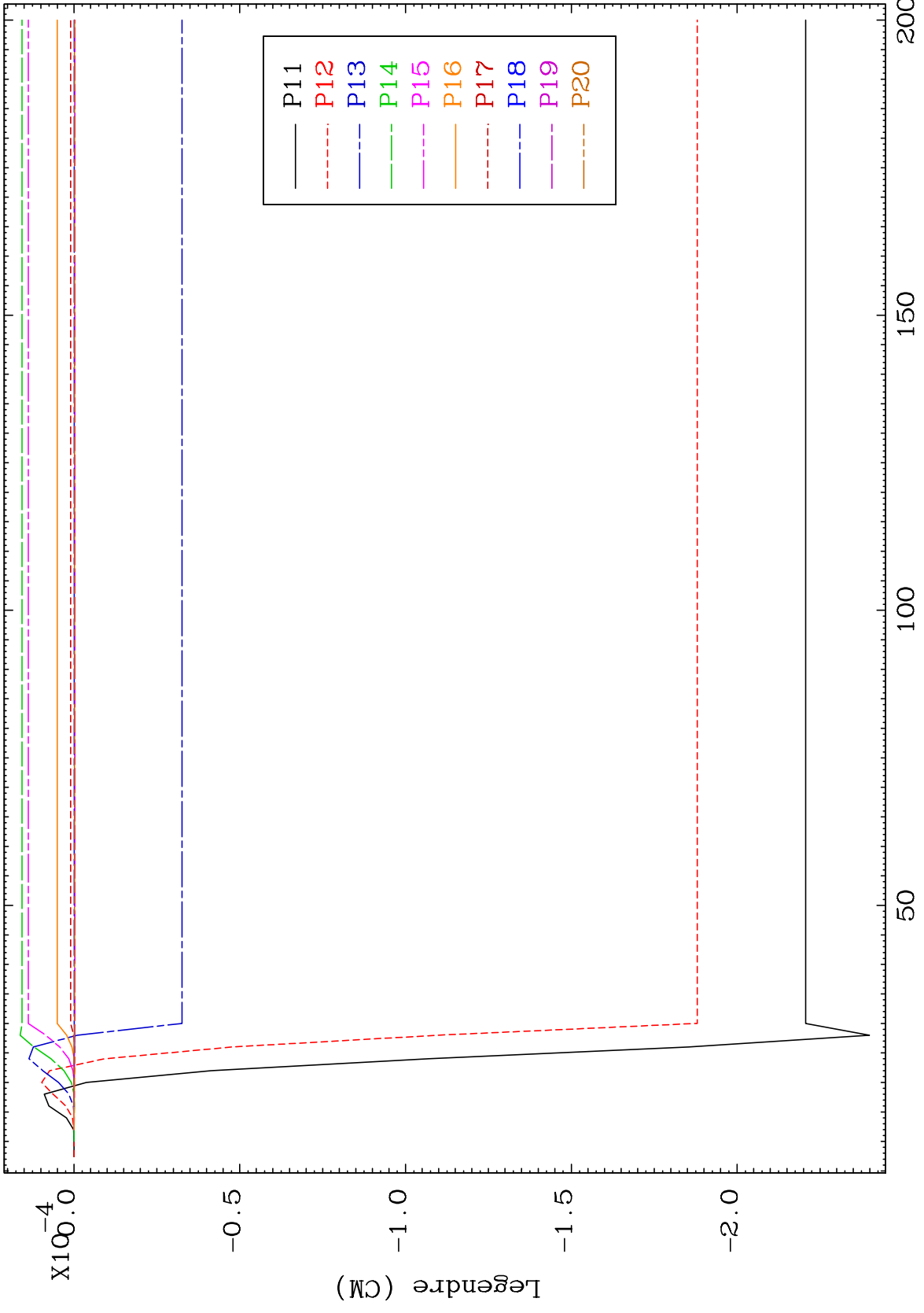


39

Incident Energy (MeV)

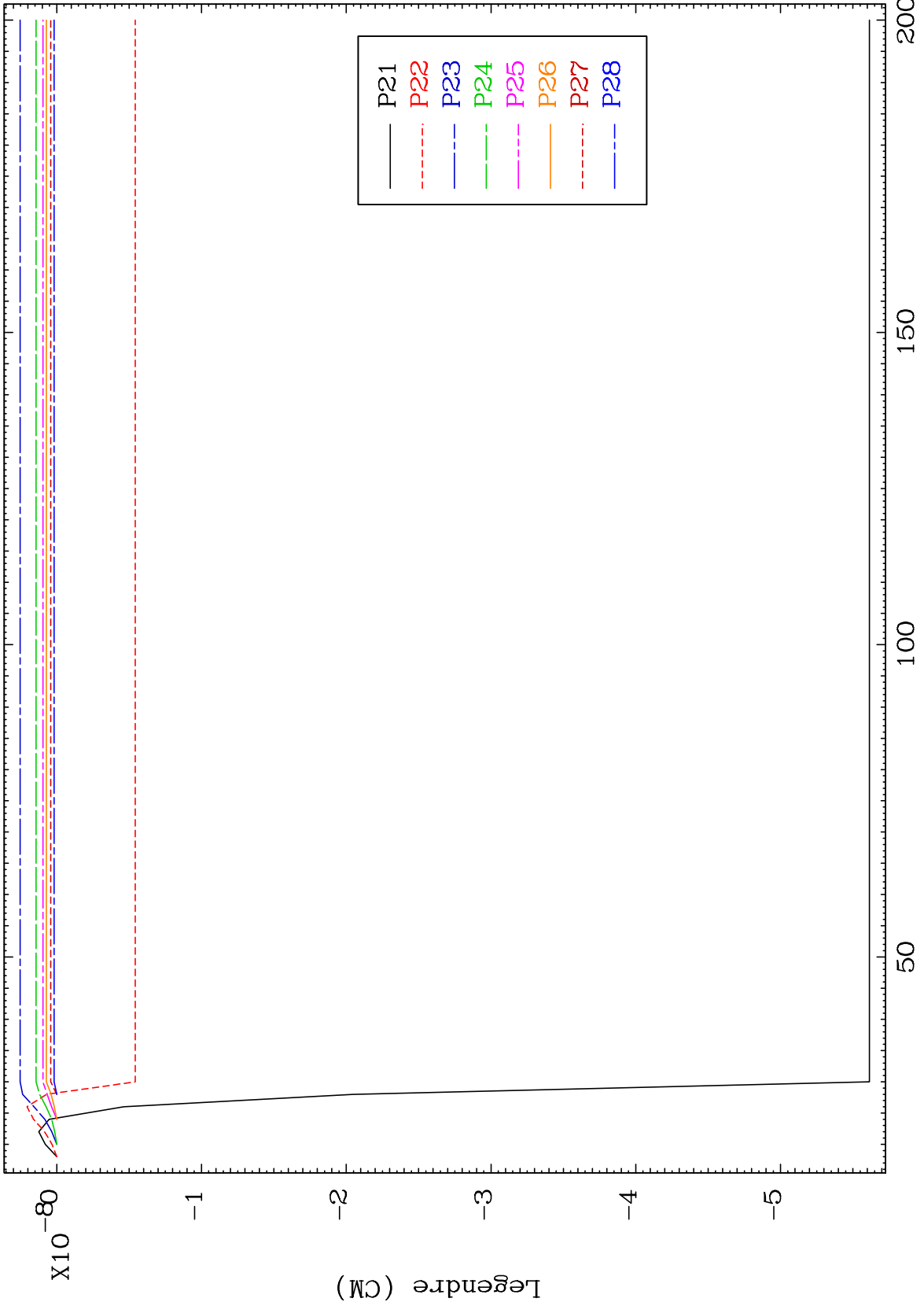
22-Ti-53

MAT 2246 MT= 58 (n,n') Level Legendre Coefficients 22-Ti-53



40 Incident Energy (MeV) 22-Ti-53

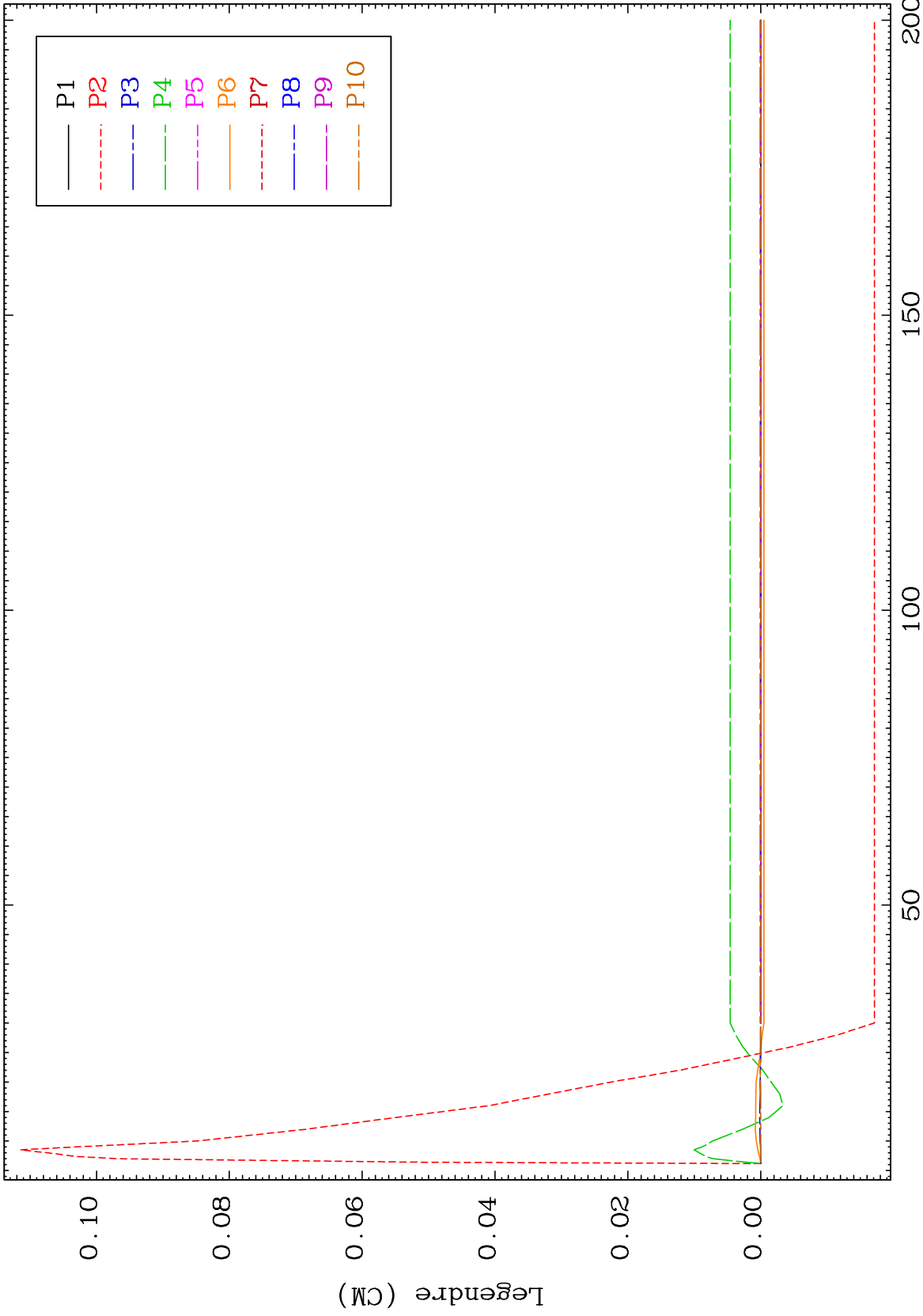
MAT 2246 MT= 58 (n,n') Level Legendre Coefficients 22-Ti-53



MAT 2246

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

22-Ti-53

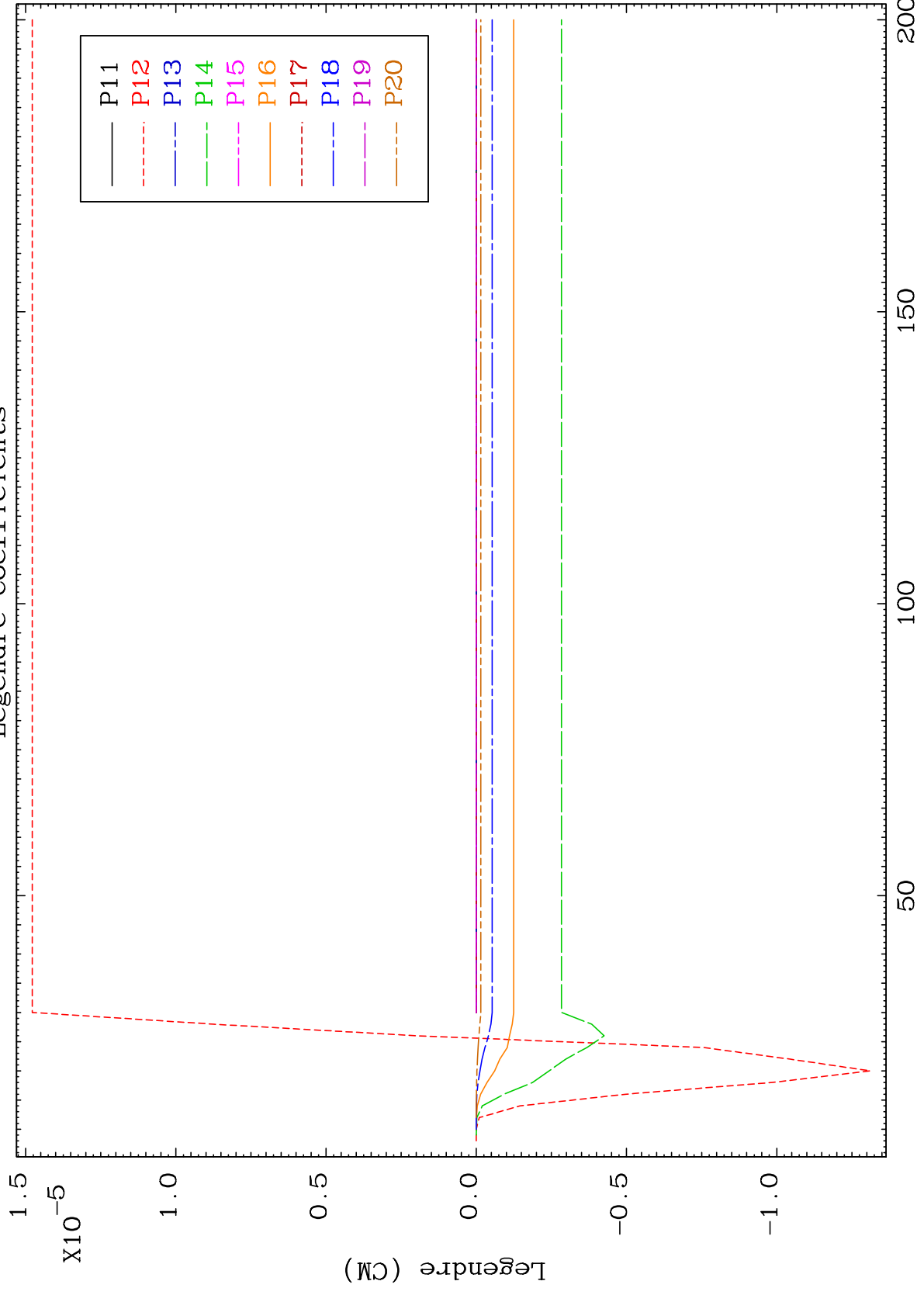


42

Incident Energy (MeV)

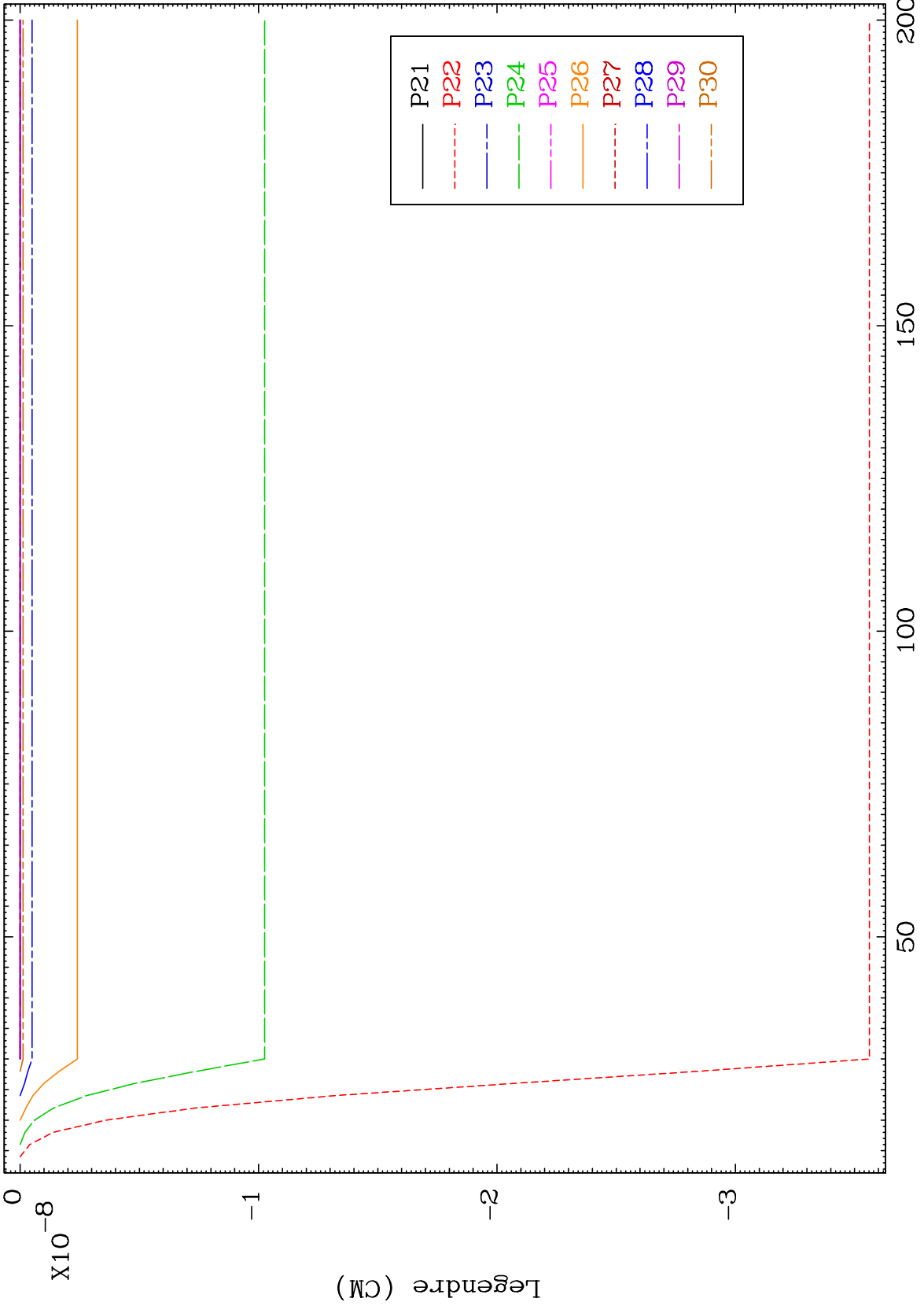
22-Ti-53

MAT 2246 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-53



43 200 22-Ti-53

MAT 2246 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-53

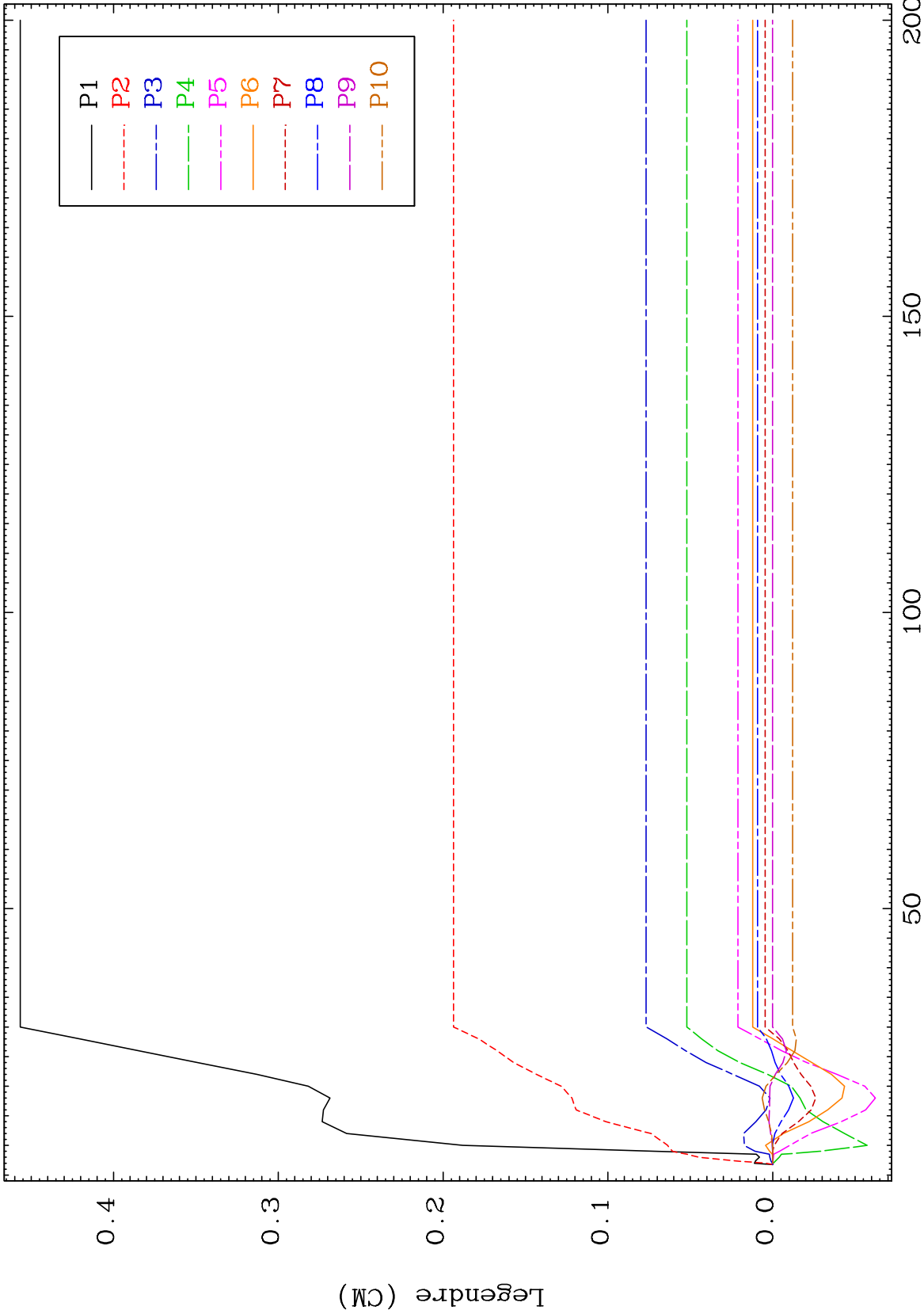


44 Incident Energy (MeV) 22-Ti-53

MAT 2246

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

22-Ti-53



45

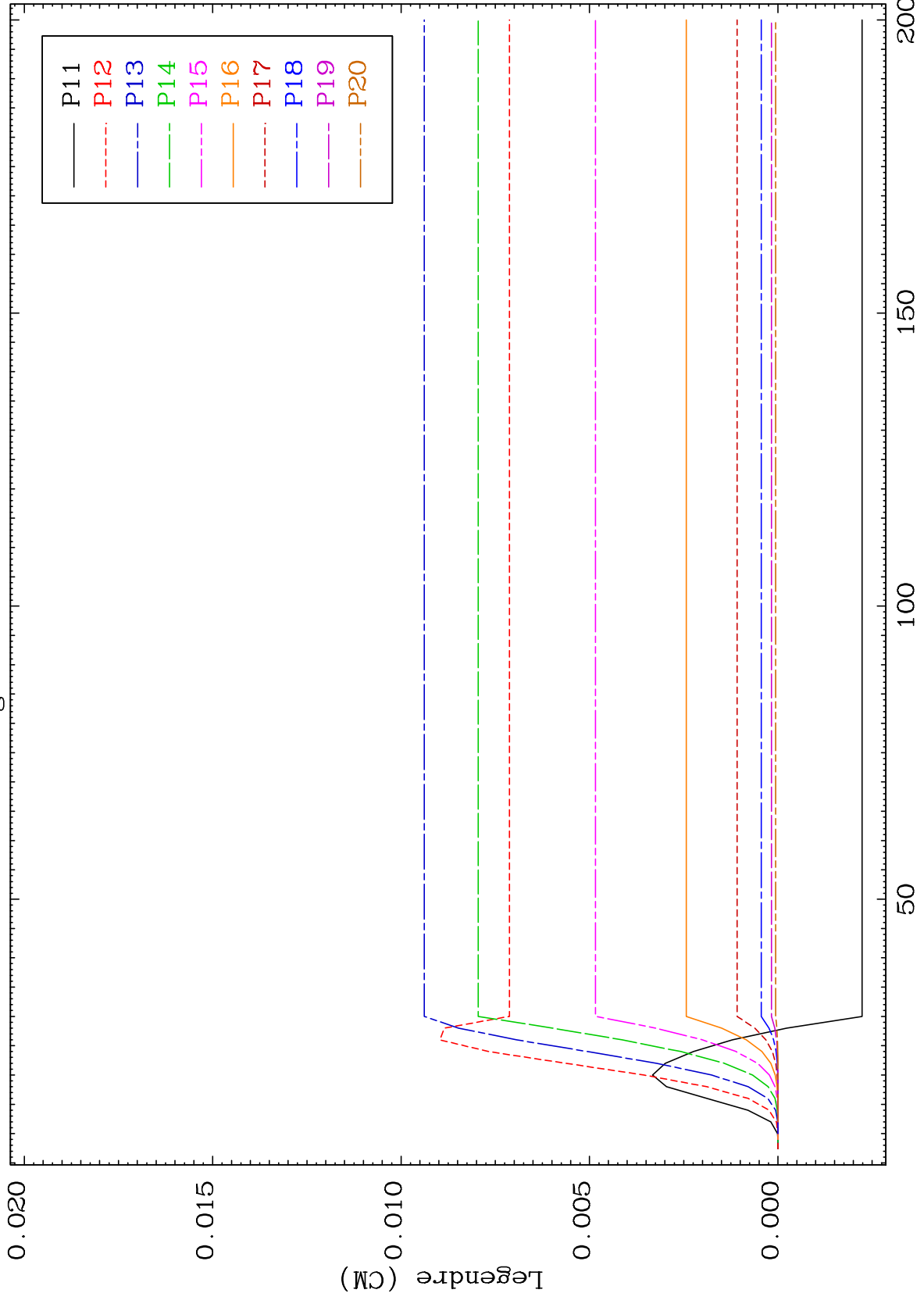
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



46

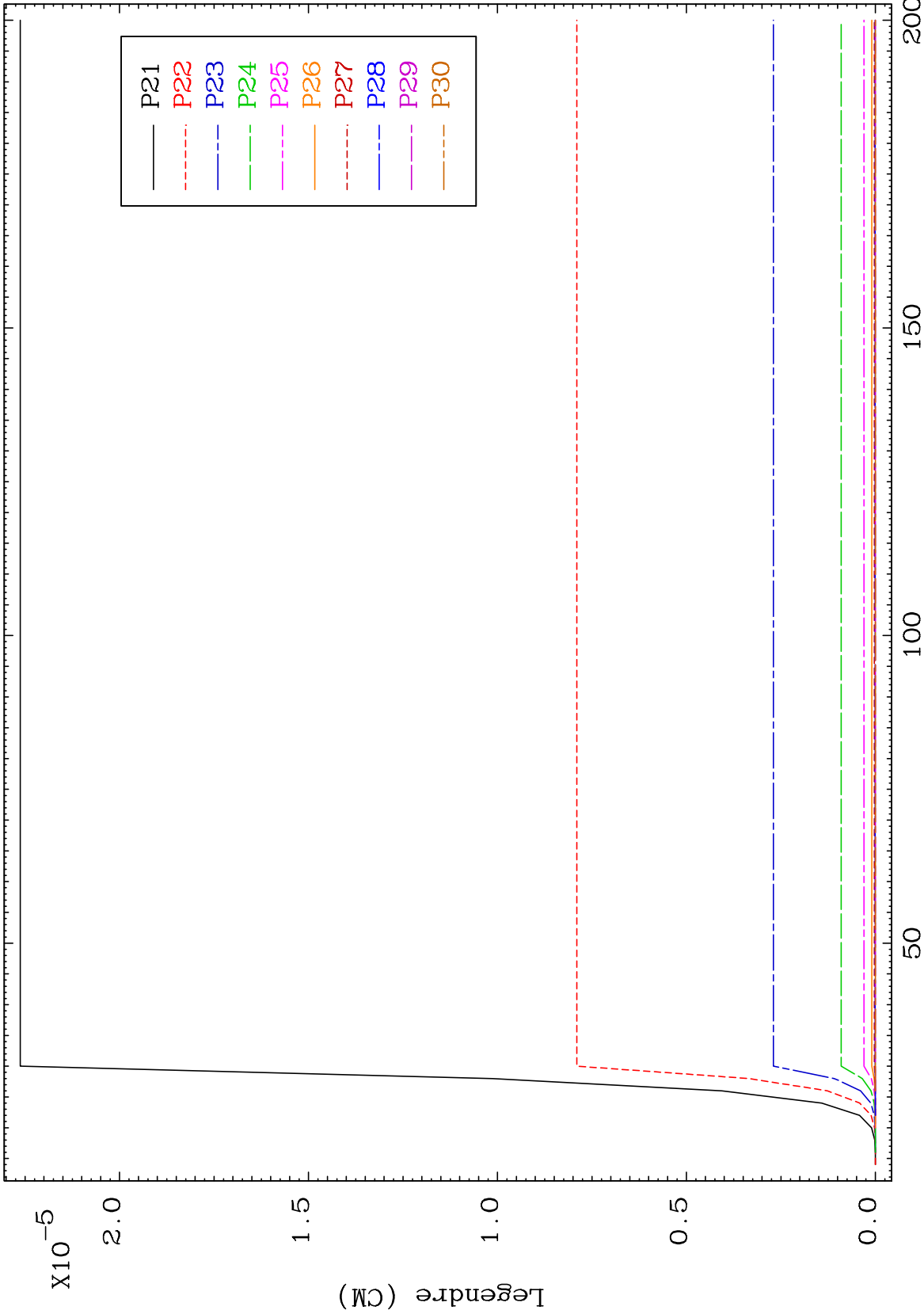
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



47

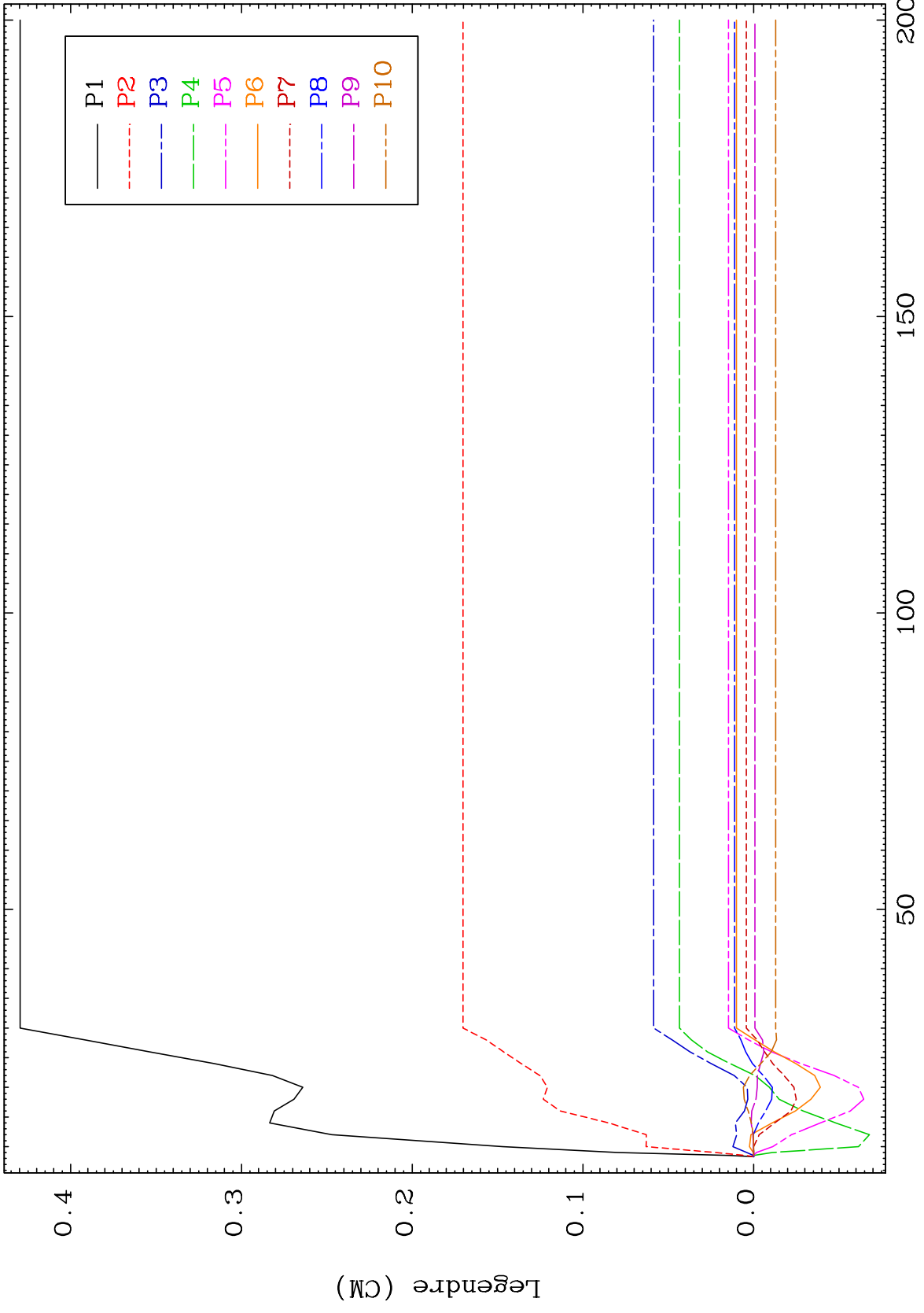
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

22-Ti-53



48

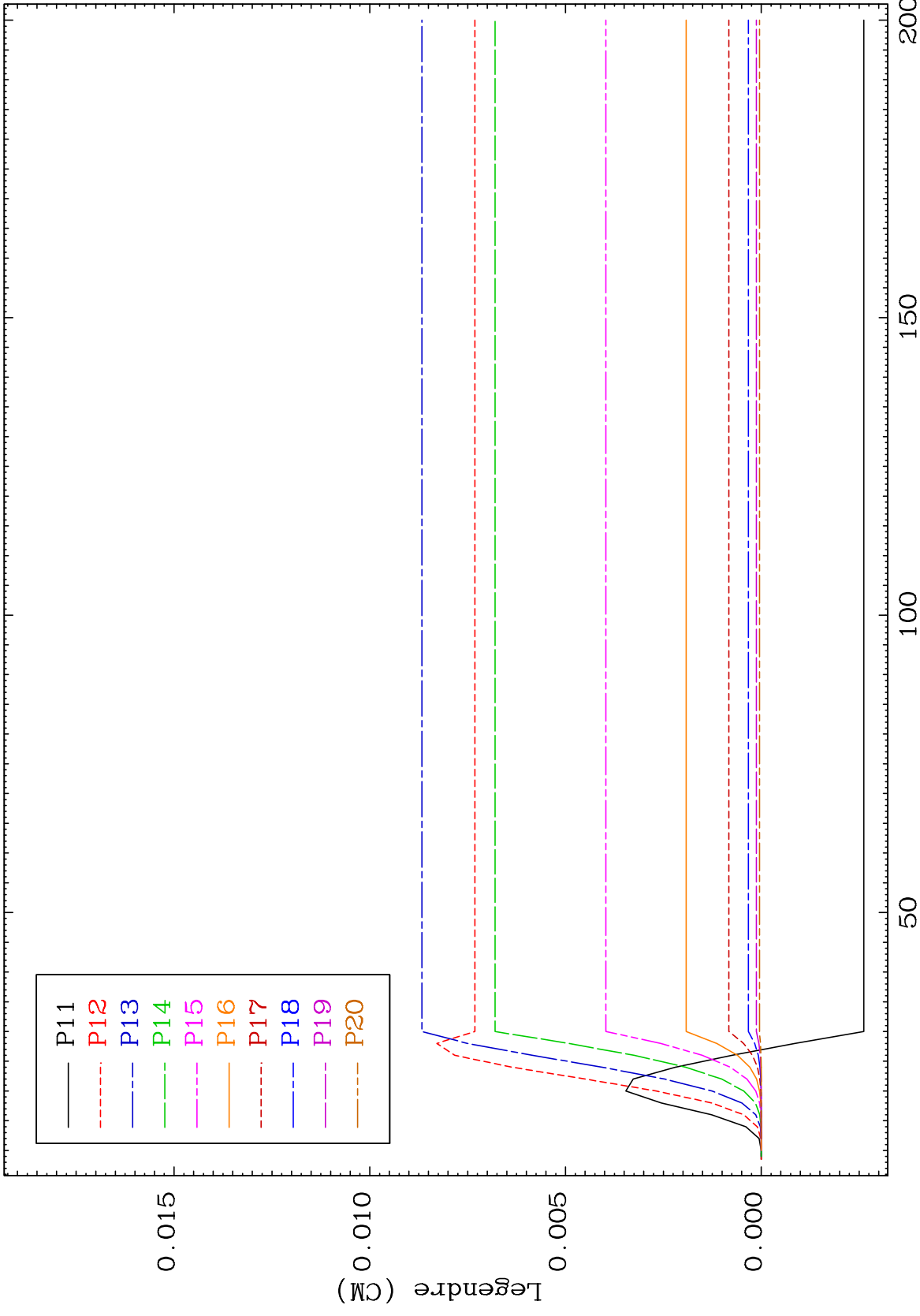
Incident Energy (MeV)

22-Ti-53

MAT 2246

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

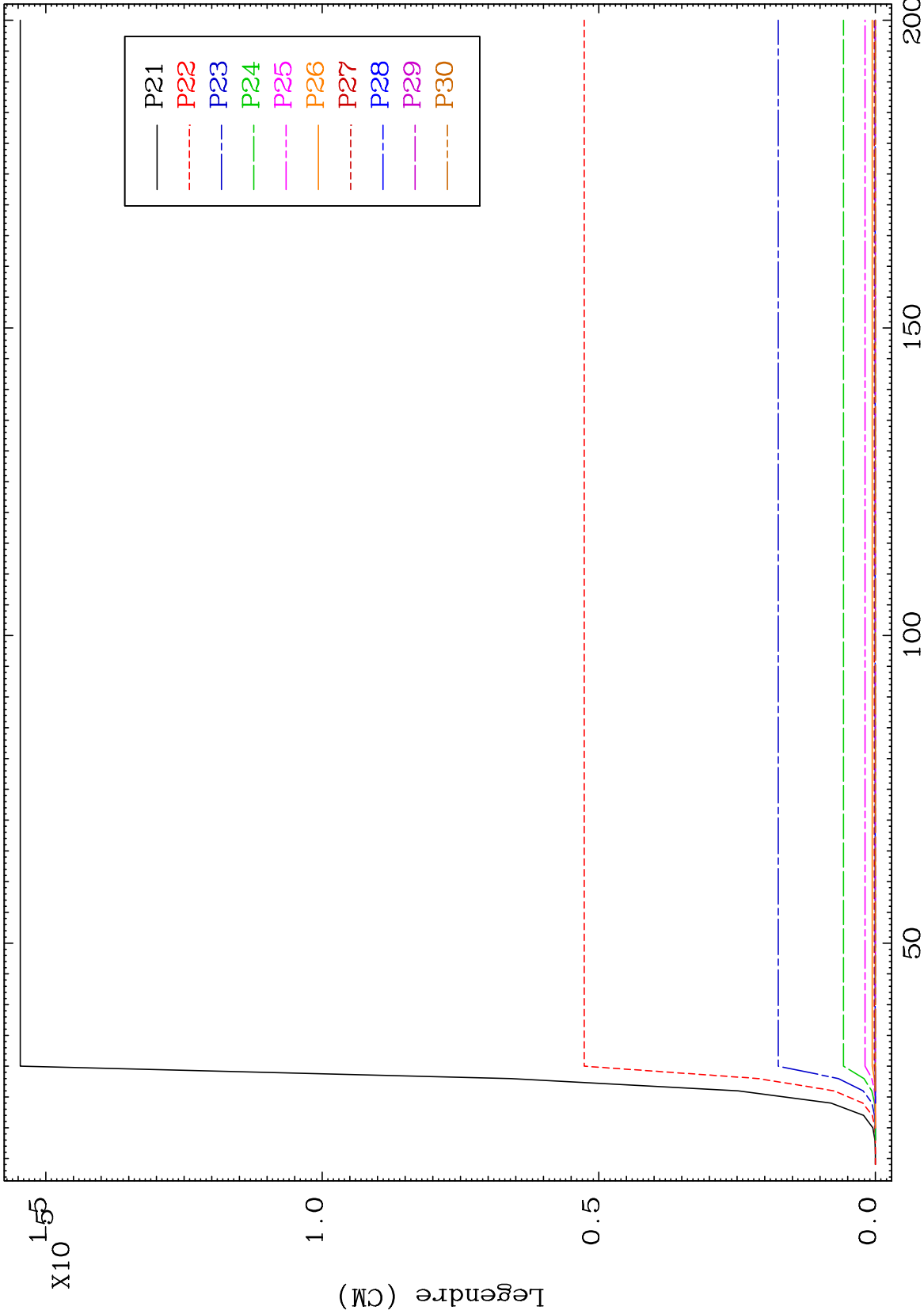
22-Ti-53



MAT 2246

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

22-Ti-53



50

Incident Energy (MeV)

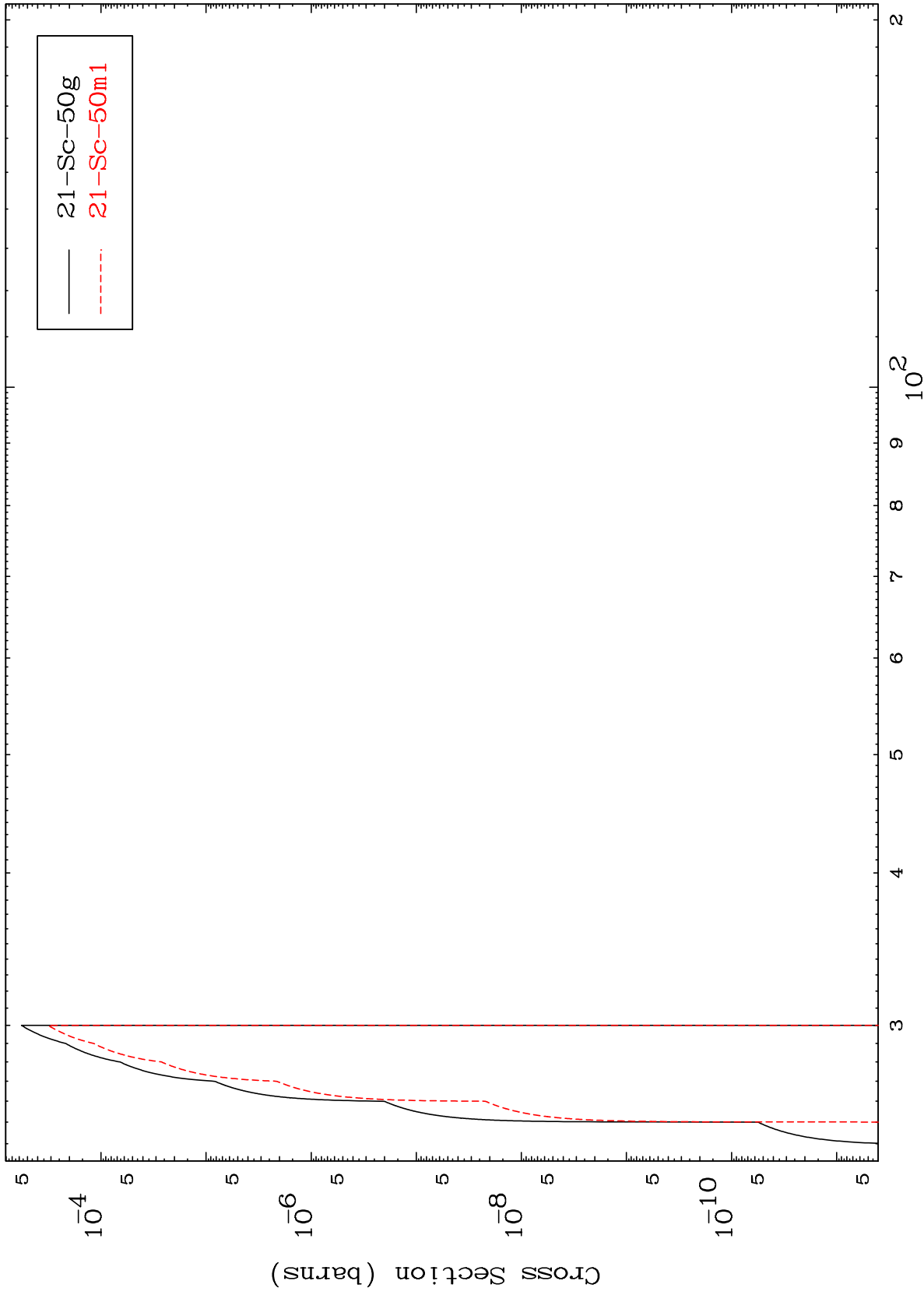
22-Ti-53

MAT 2246

(n,2n) d

²²Ti-53

Radionuclide Production Cross Section



51

Incident Energy (MeV)

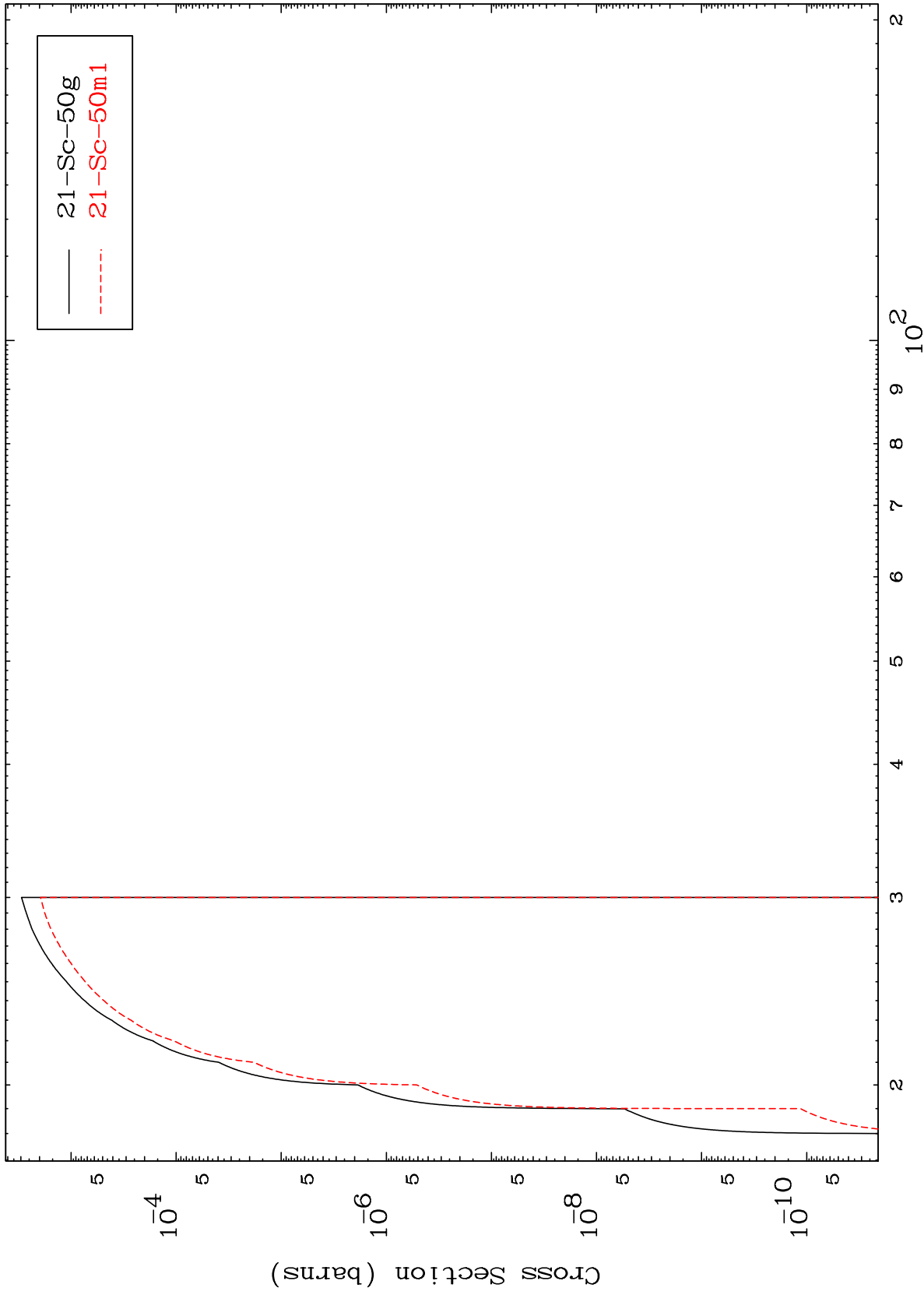
²²Ti-53

MAT 2246

(n,n') t

22-Ti-53

Radionuclide Production Cross Section



52

Incident Energy (MeV)

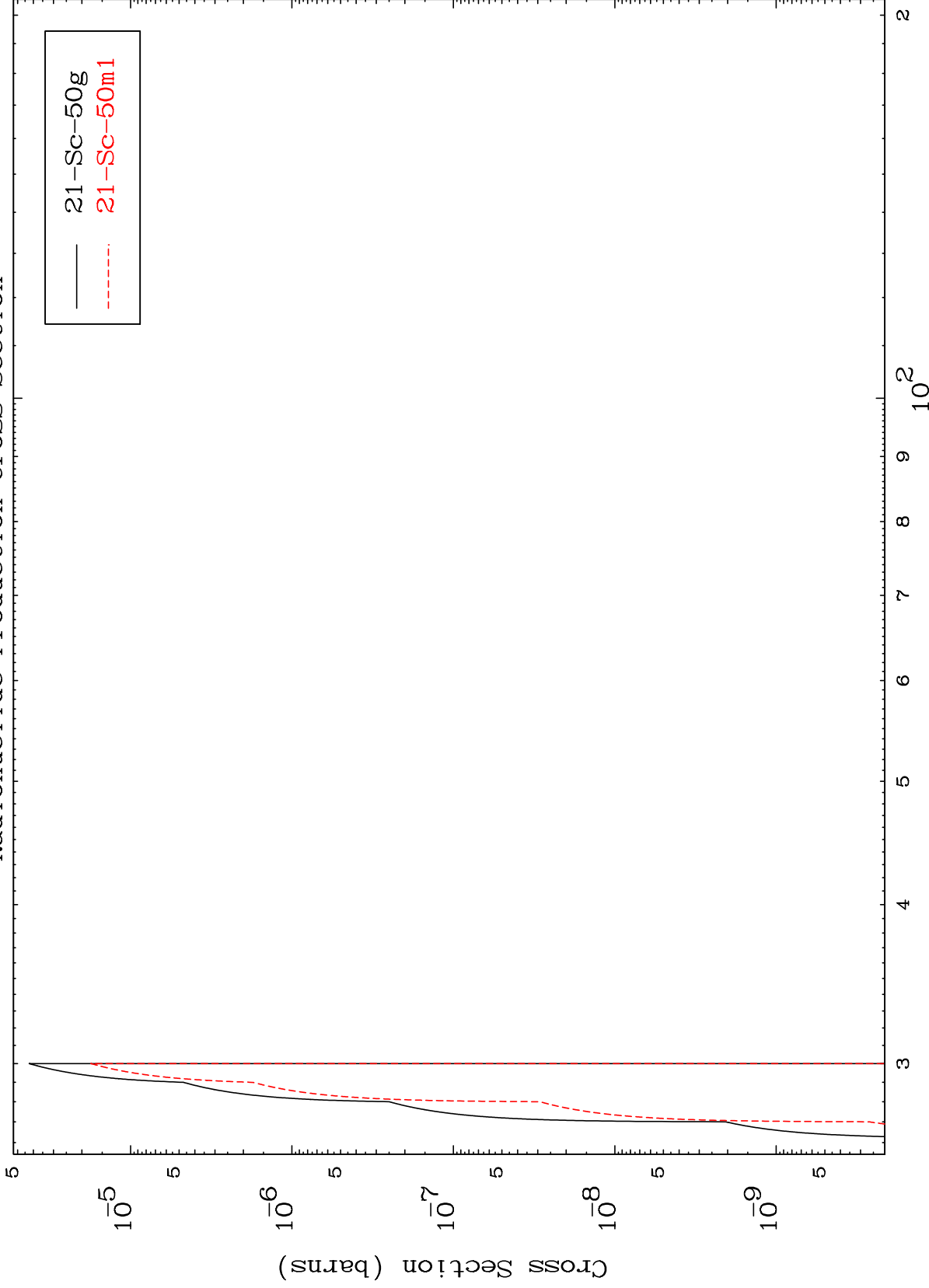
22-Ti-53

MAT 2246

(n,3n) p

22-Ti-53

Radionuclide Production Cross Section



53

Incident Energy (MeV)

22-Ti-53