

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

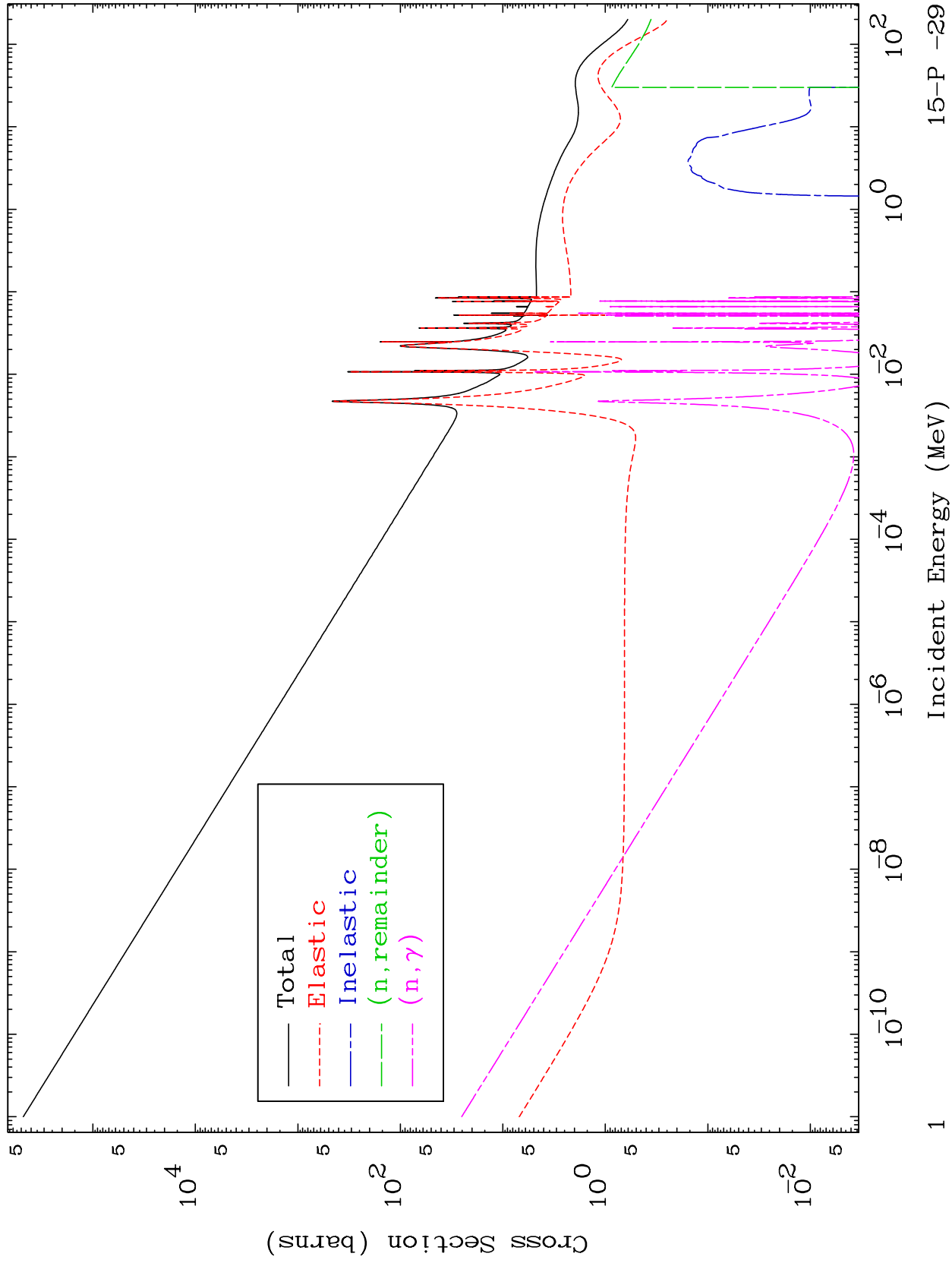
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

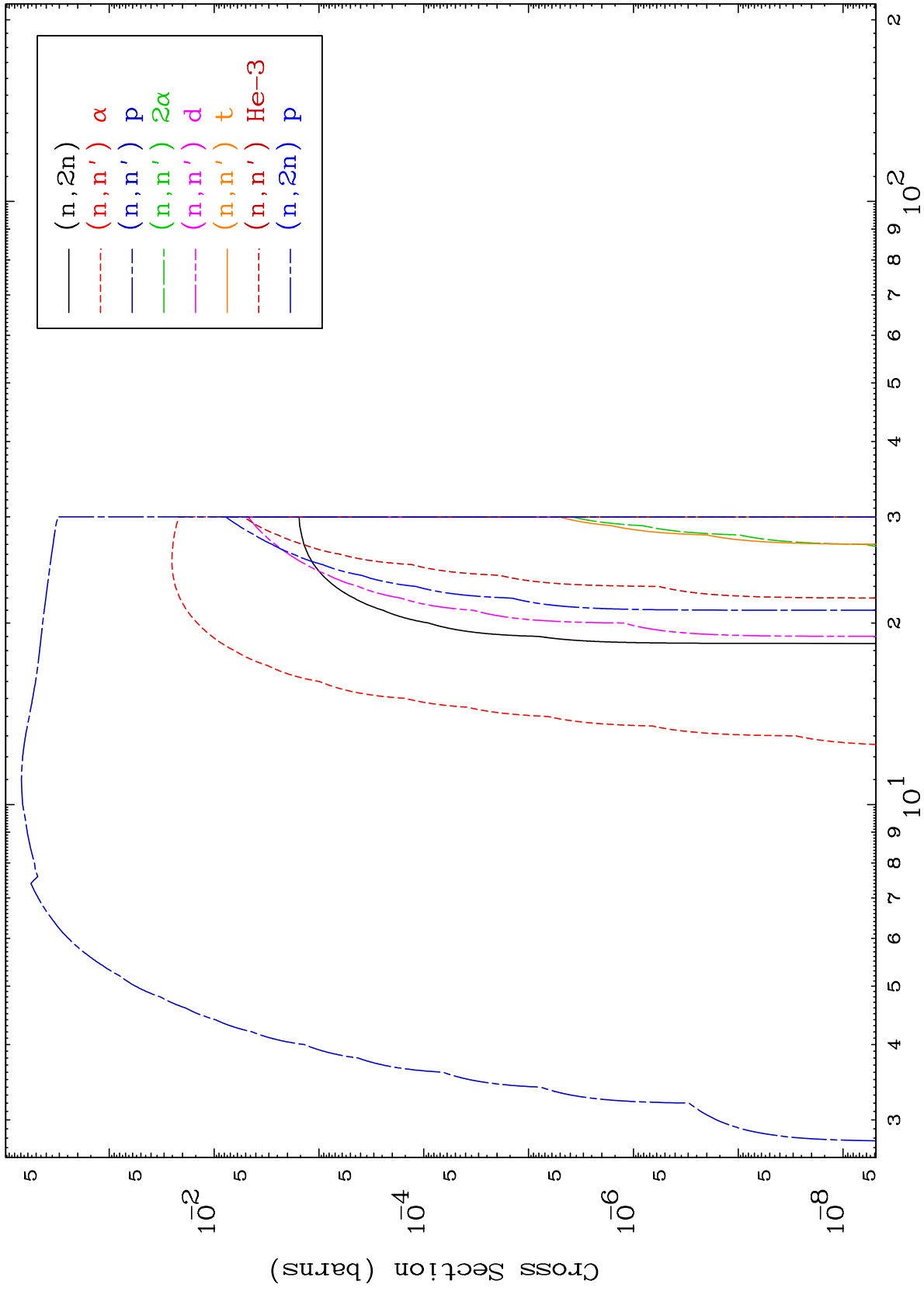
Press Mouse Button to Start

MAT 1519

Major
293 Kelvin Cross Sections

15-P -29

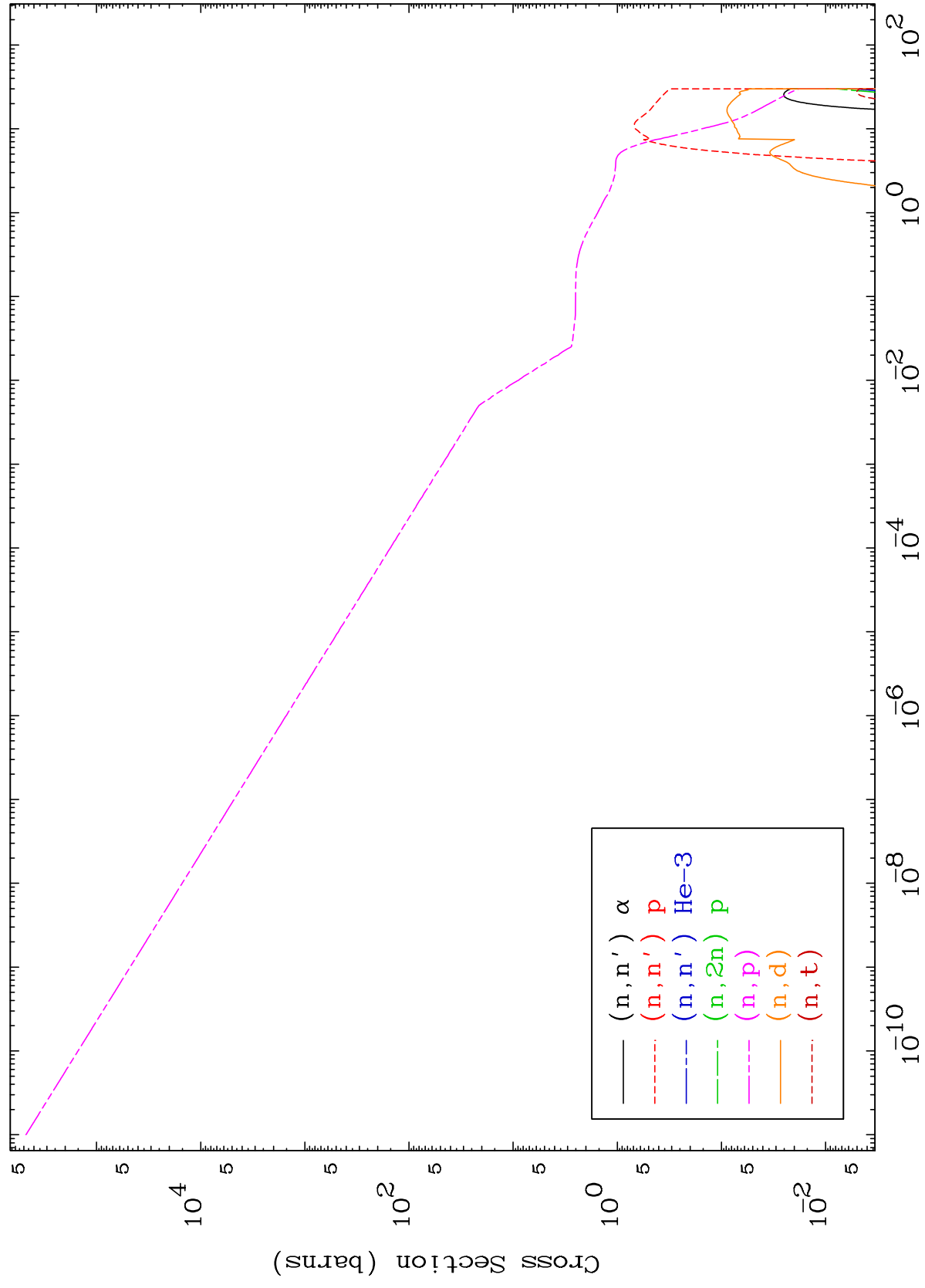




MAT 1519

Charged Particle
293 Kelvin Cross Sections

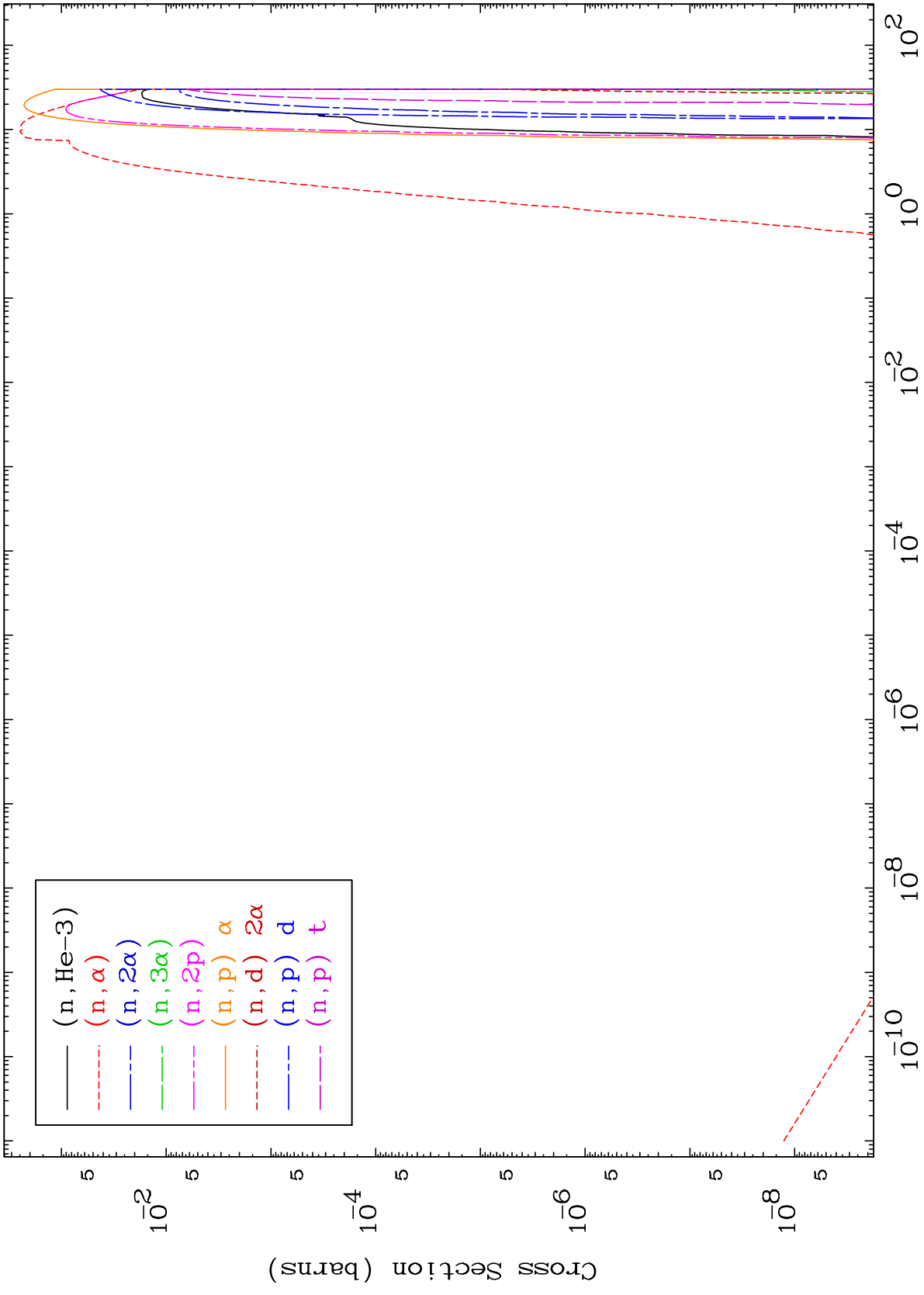
15-P -29



MAT 1519

293 Charged Particle
Kelvin Cross Sections

15-P -29

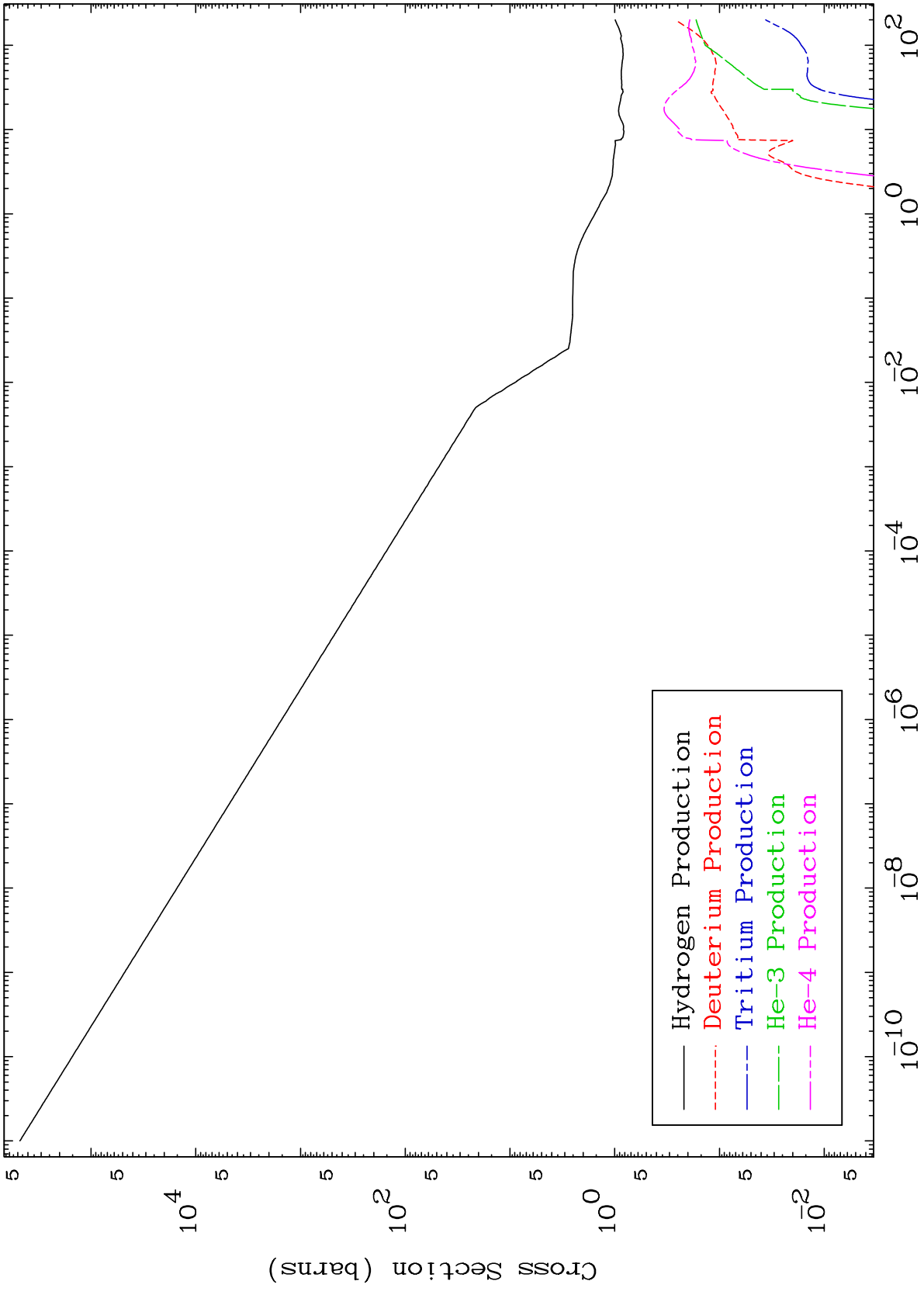


15-P -29

MAT 1519

Particle Production
293 Kelvin Cross Sections

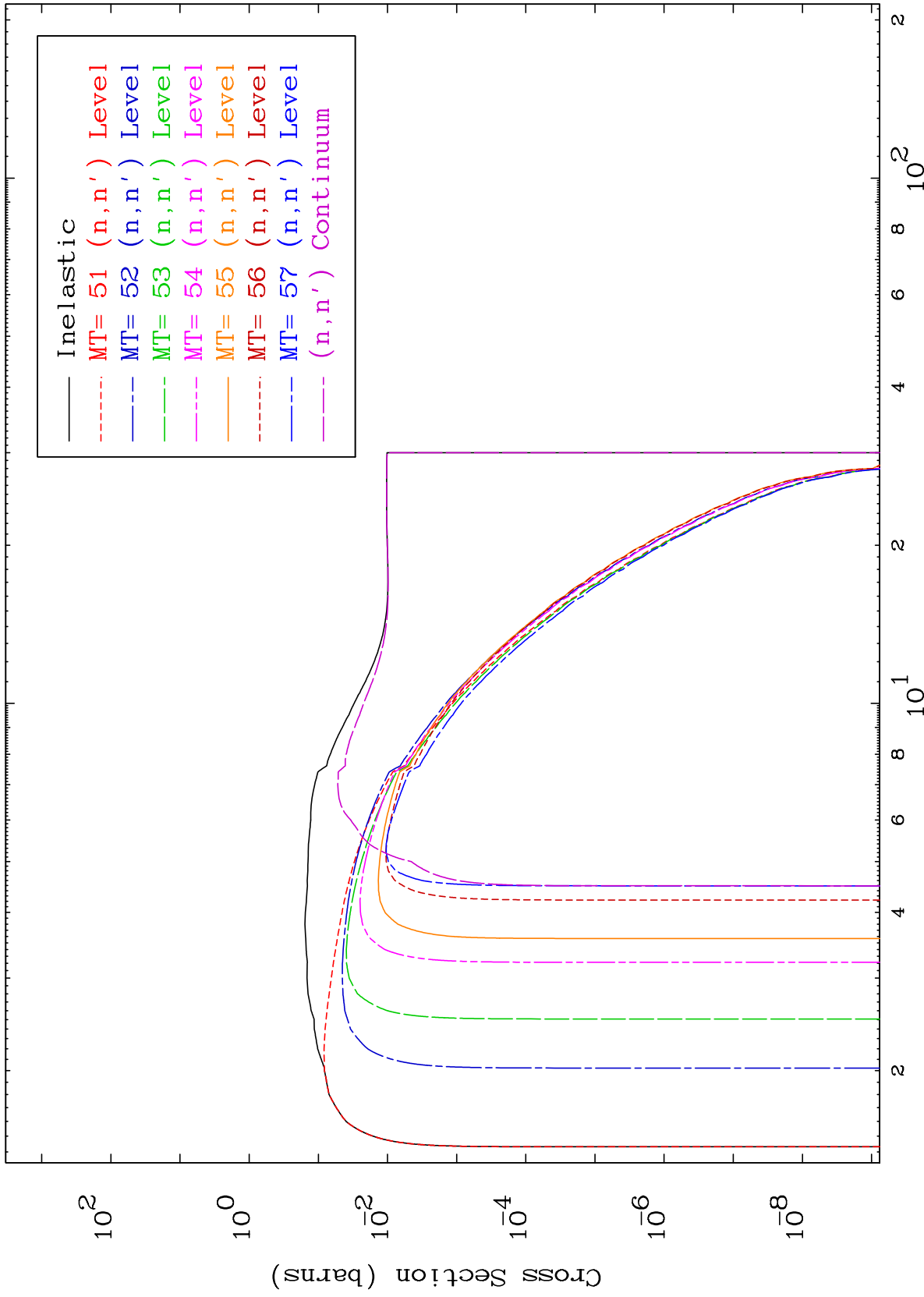
15-P -29



5

Incident Energy (MeV)

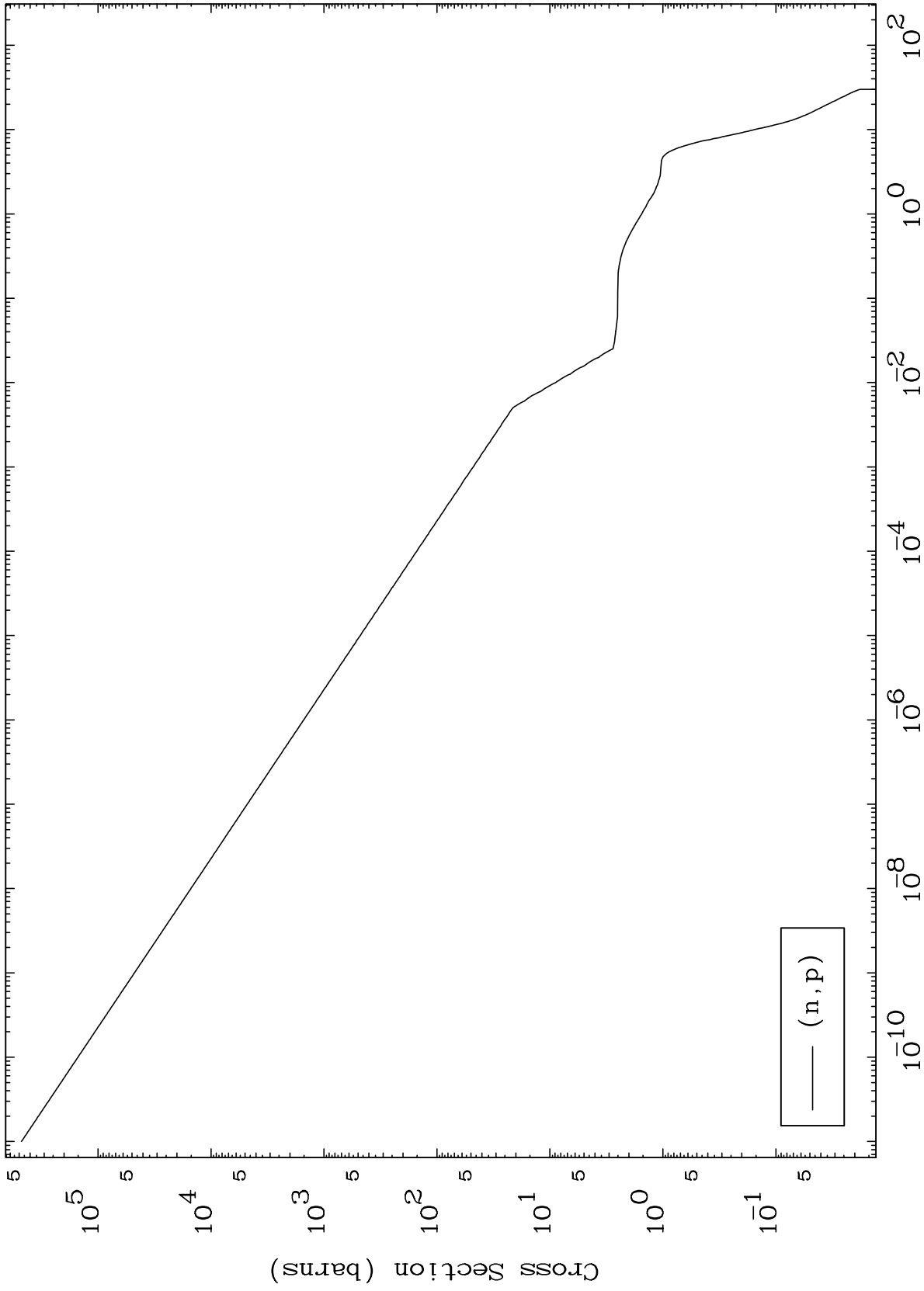
15-P -29



MAT 1519

(n,p) Levels
293 Kelvin Cross Sections

15-P -29

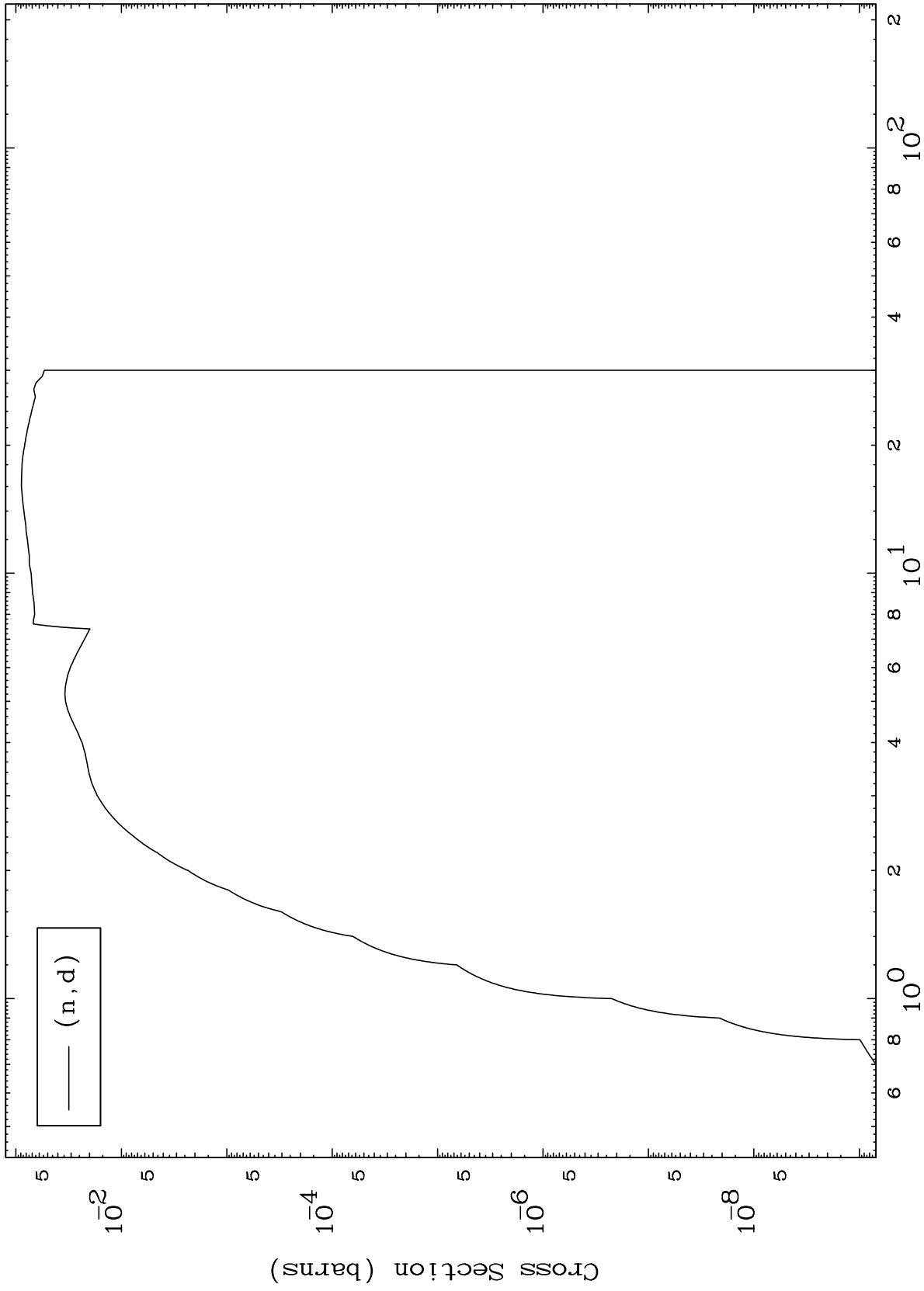


— (n, p)

MAT 1519

(n,d) Levels
293 Kelvin Cross Sections

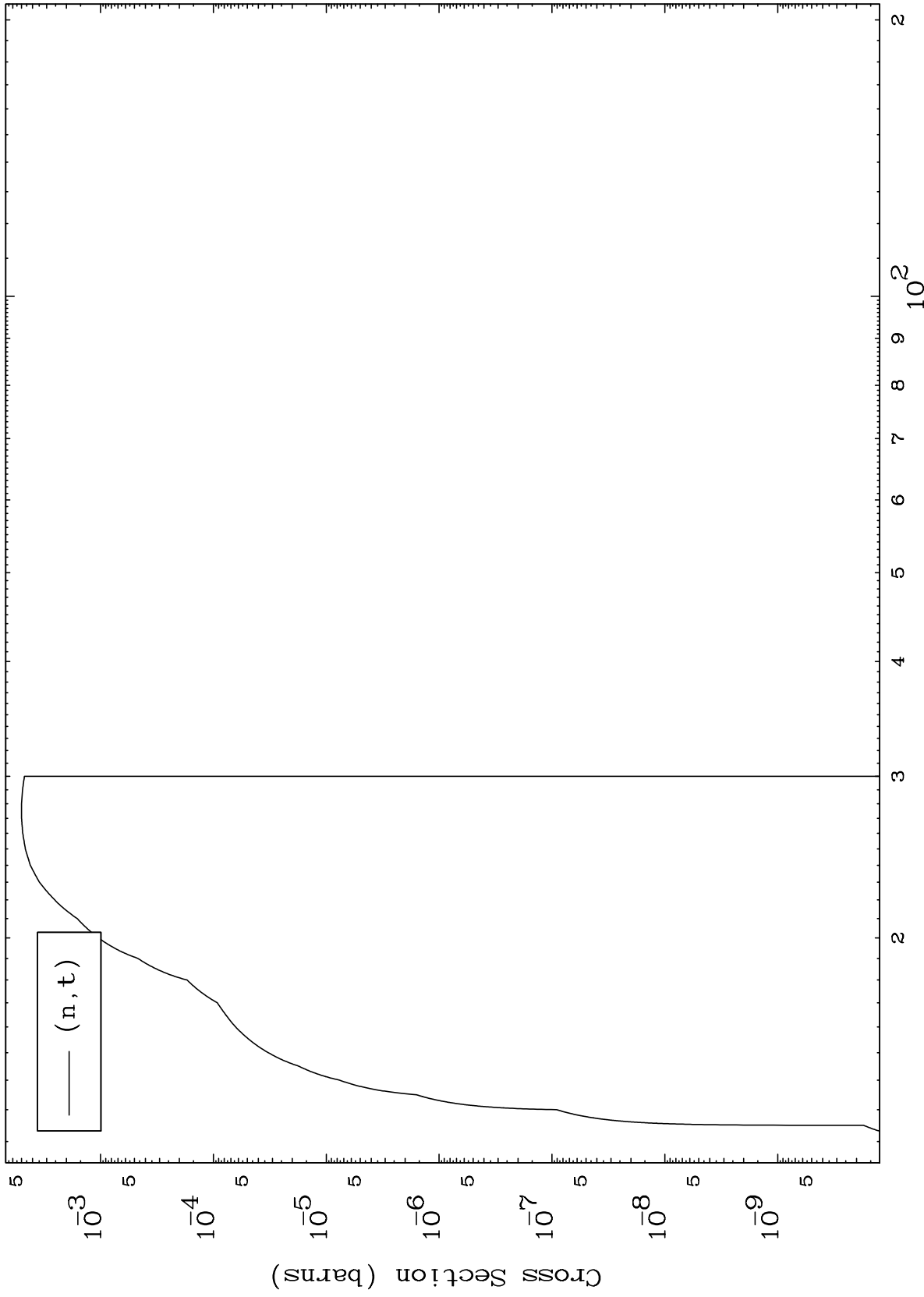
15-P -29



8

Incident Energy (MeV)

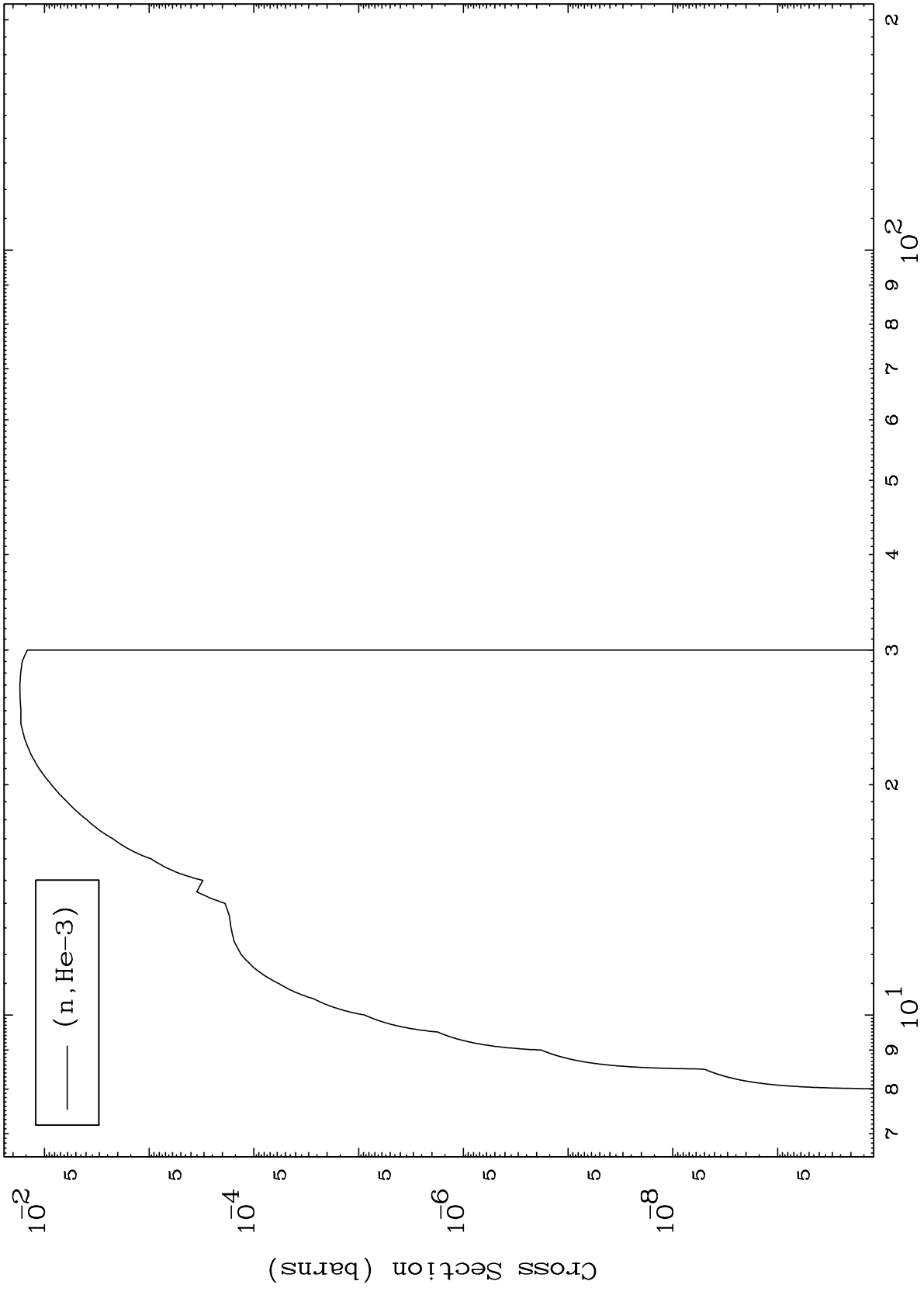
15-P -29



MAT 1519

(n,He3) Levels
293 Kelvin Cross Sections

15-P -29



10

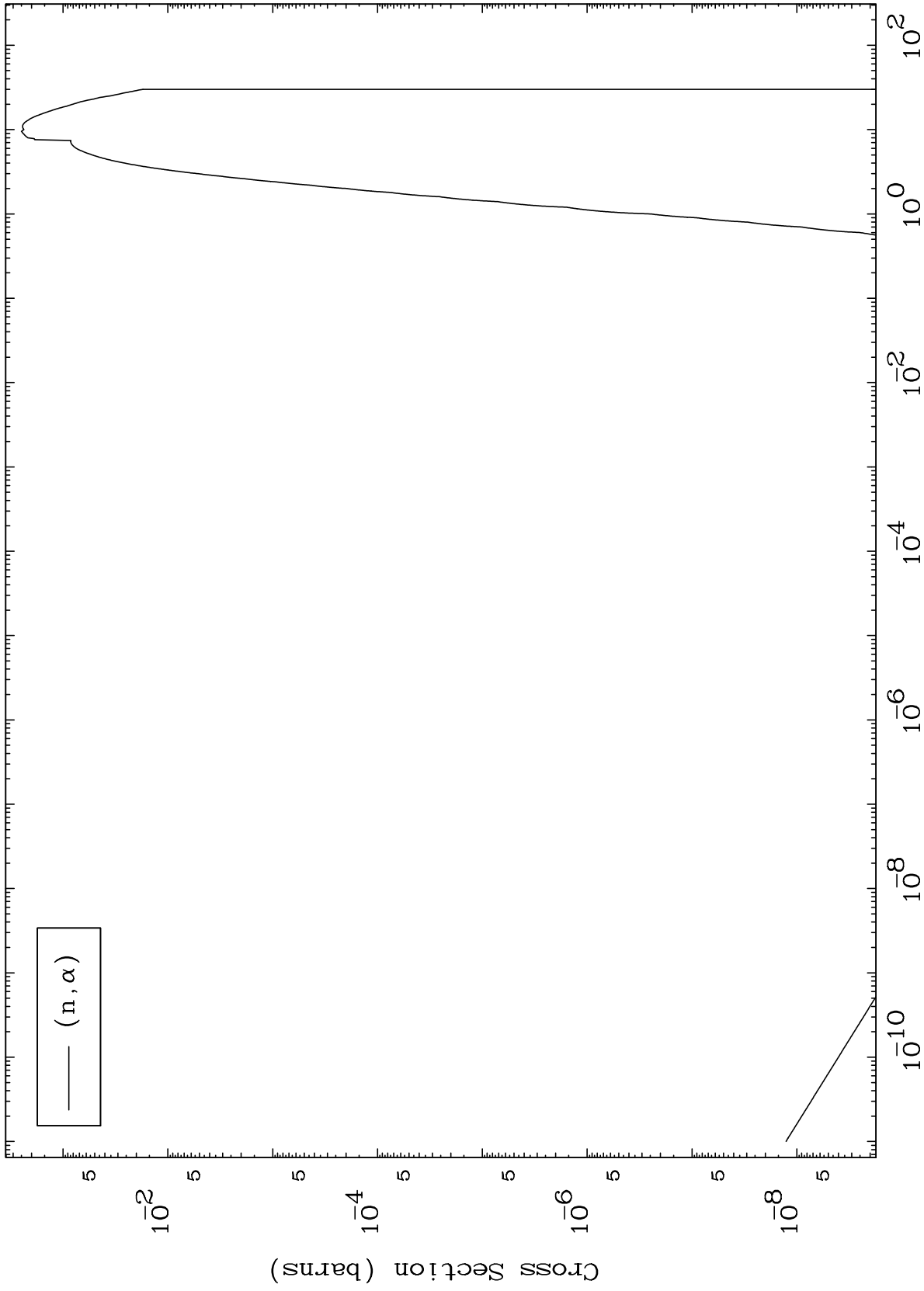
Incident Energy (MeV)

15-P -29

MAT 1519

(n, α) Levels
293 Kelvin Cross Sections

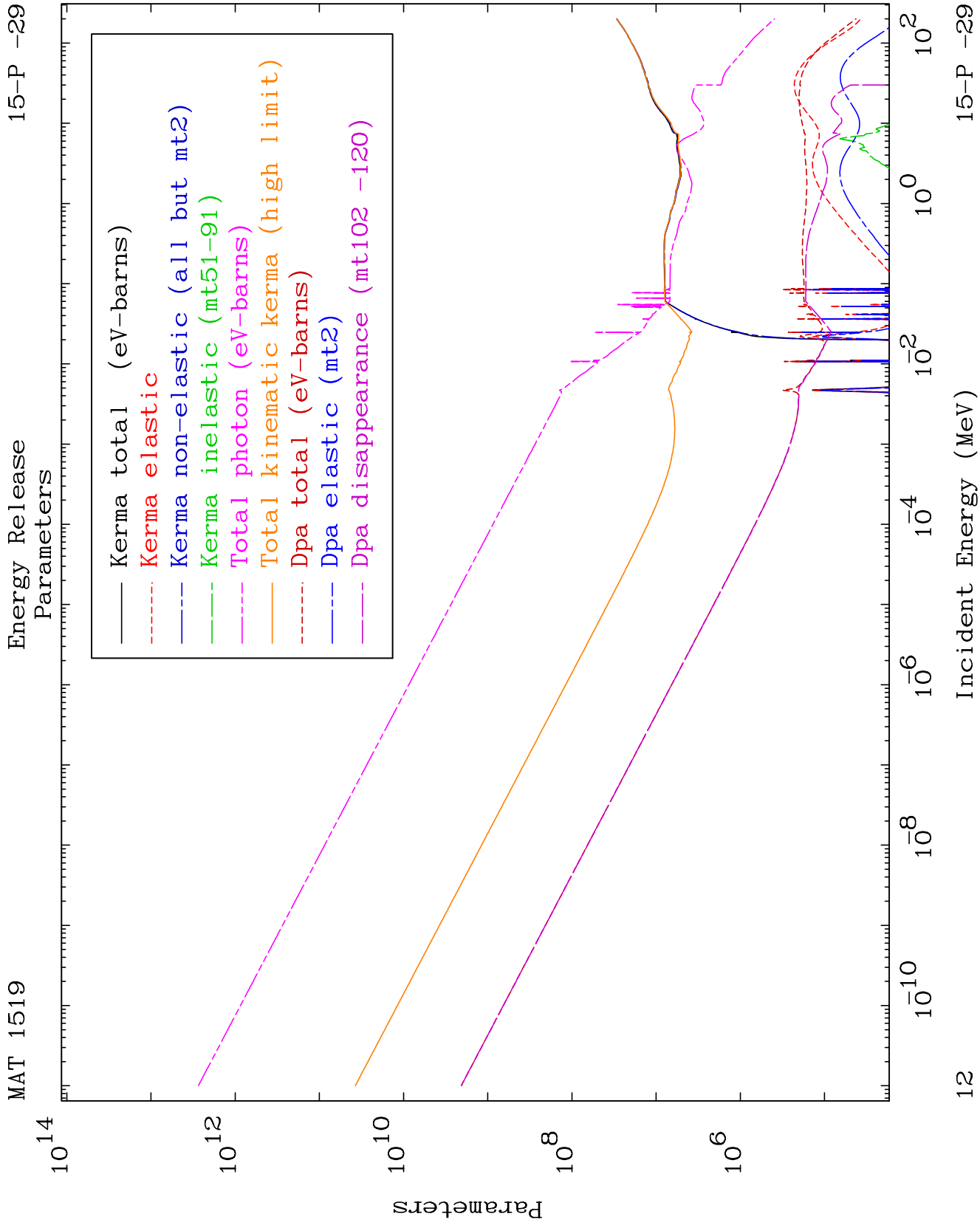
15-P -29



11

Incident Energy (MeV)

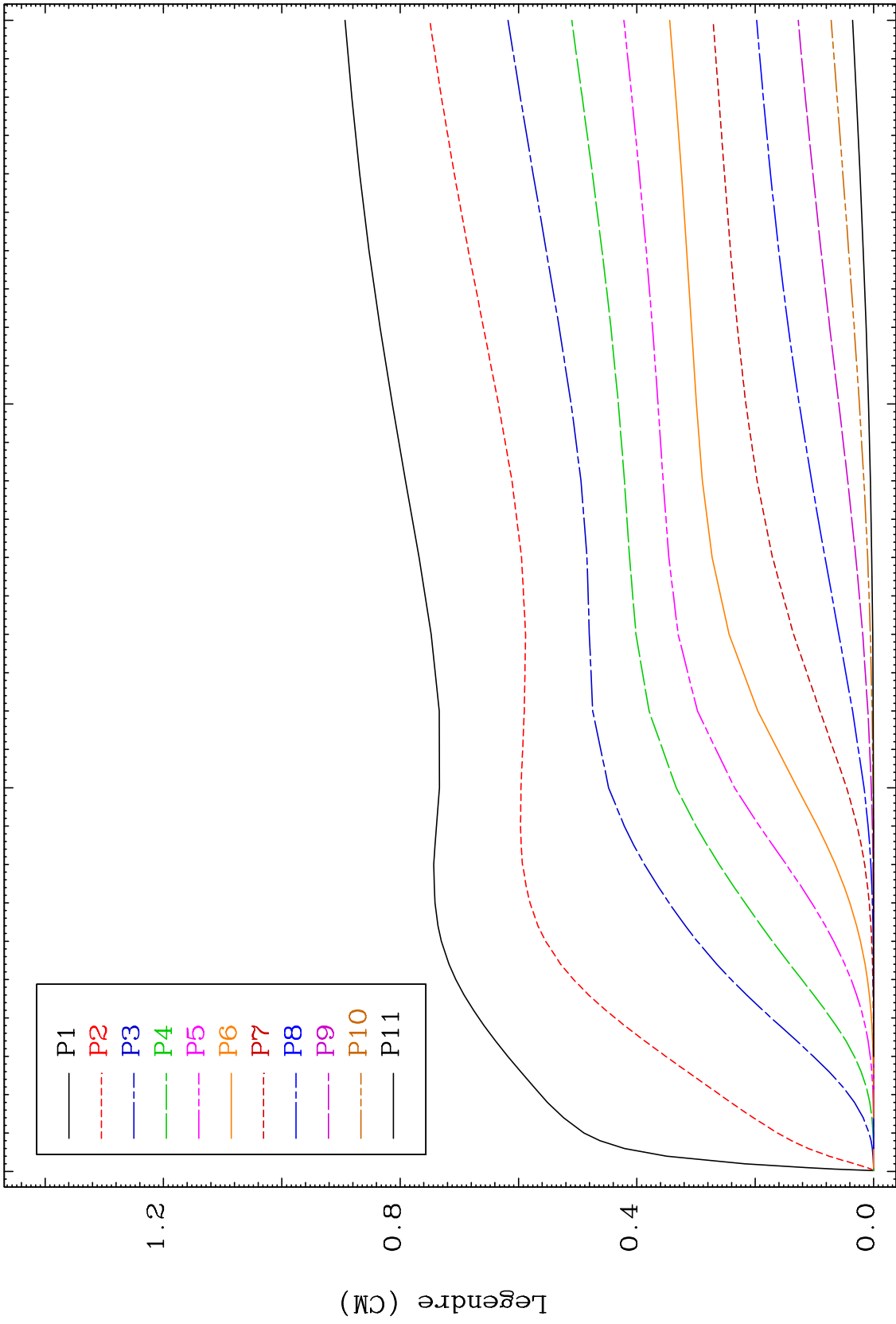
15-P -29



MAT 1519

Elastic Legendre Coefficients

15-P -29



13

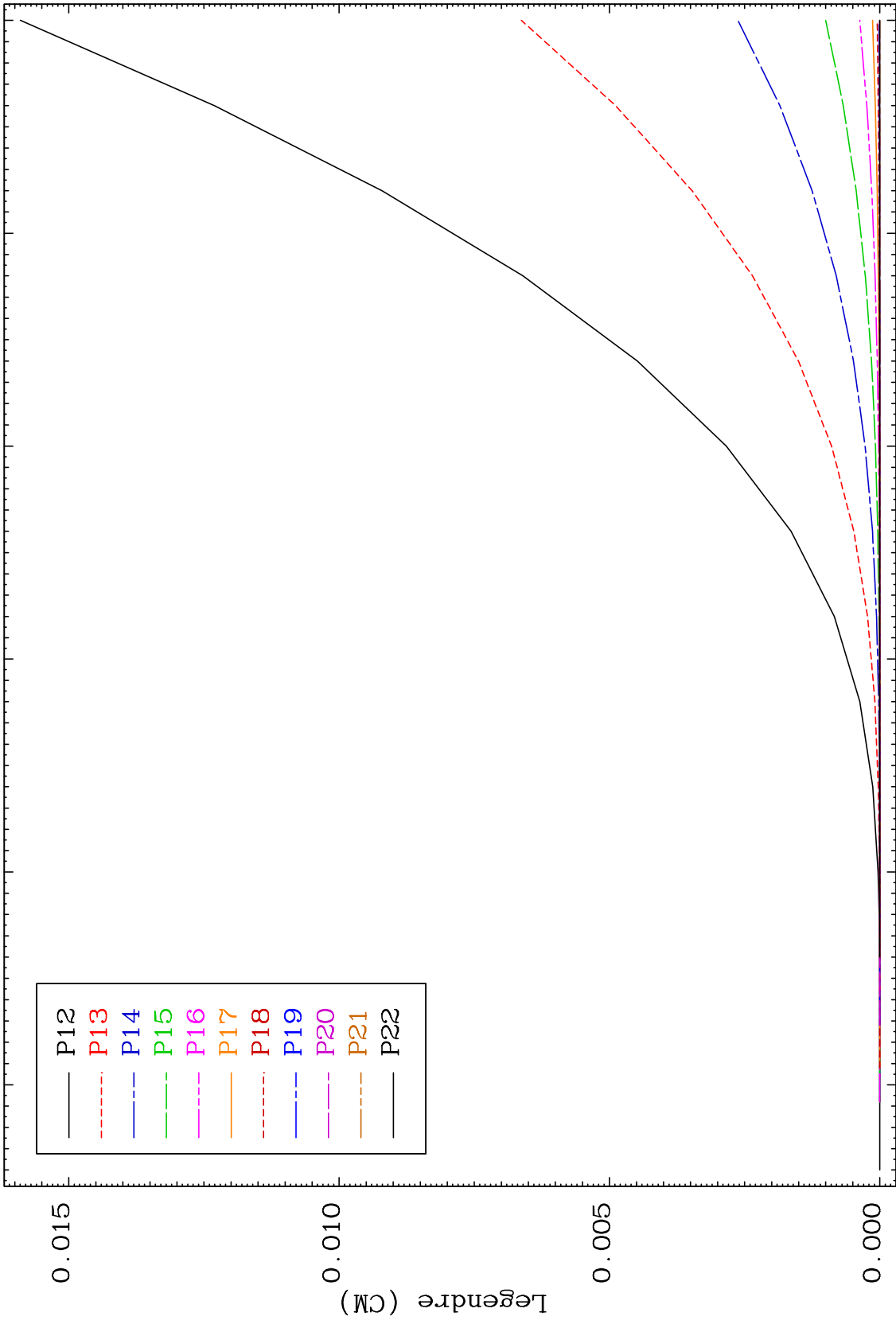
Incident Energy (MeV)

15-P -29

MAT 1519

Elastic Legendre Coefficients

15-P -29

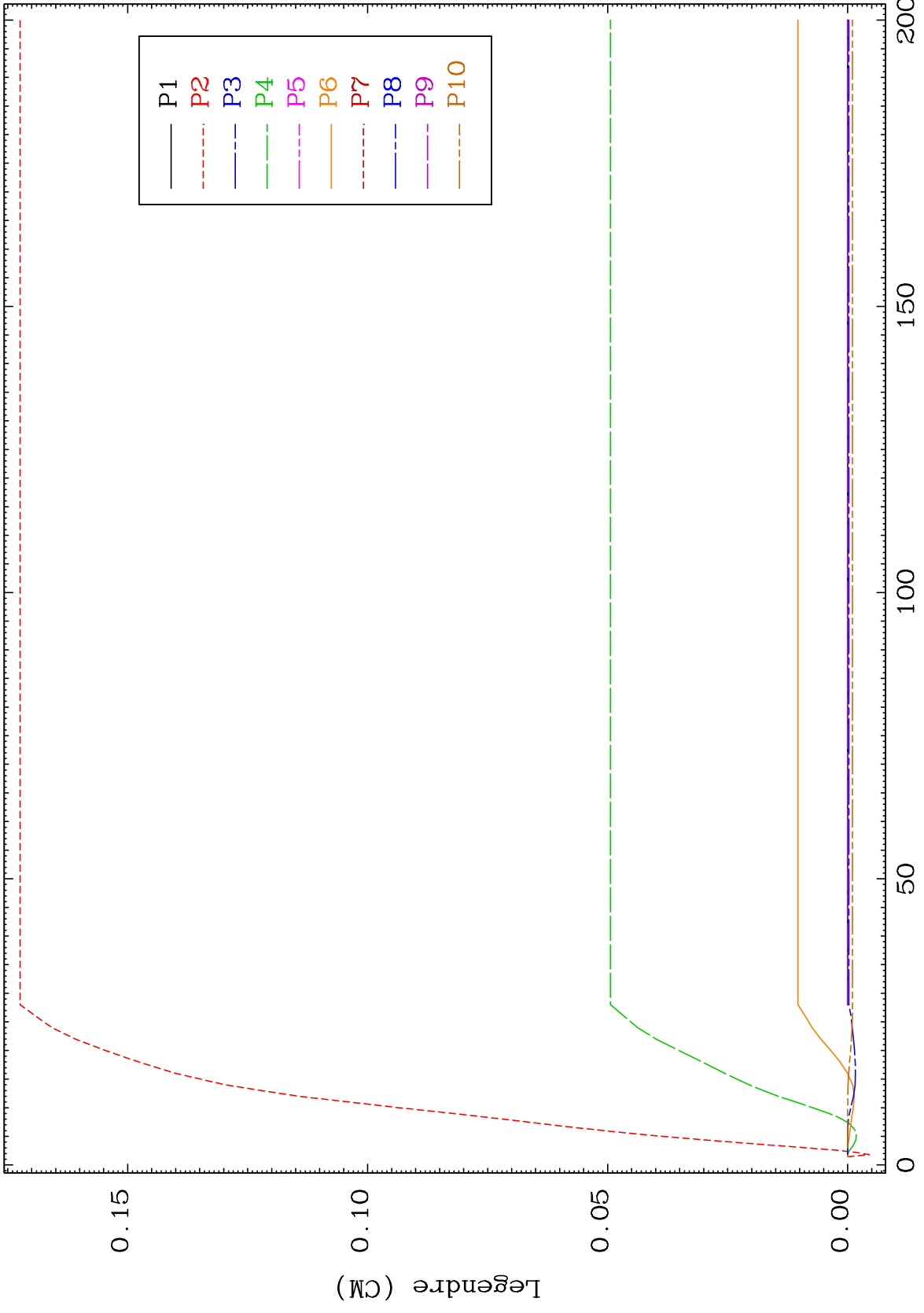


14

Incident Energy (MeV)

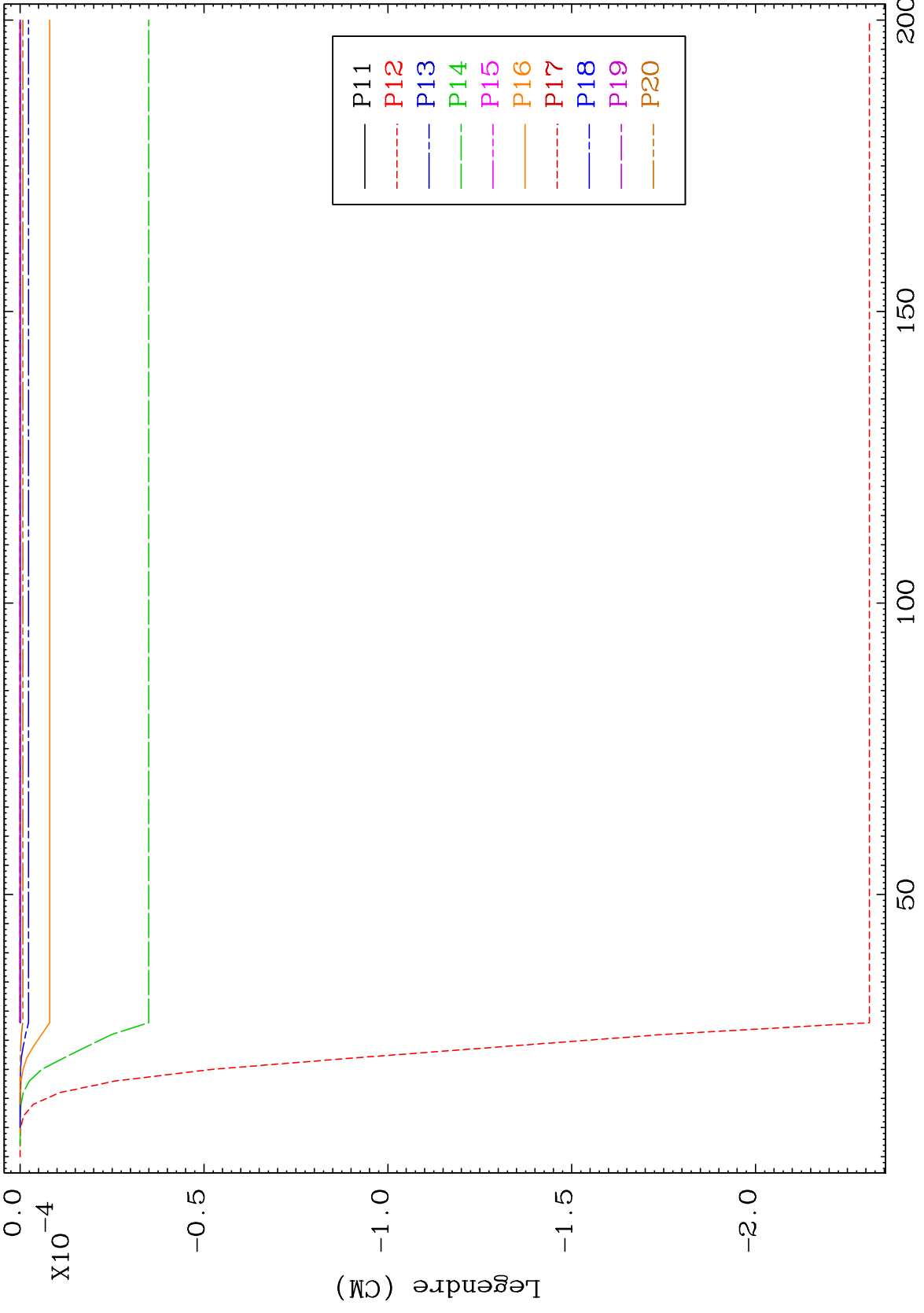
15-P -29

MAT 1519 MT= 51 (n,n') Level Legendre Coefficients 15-P -29



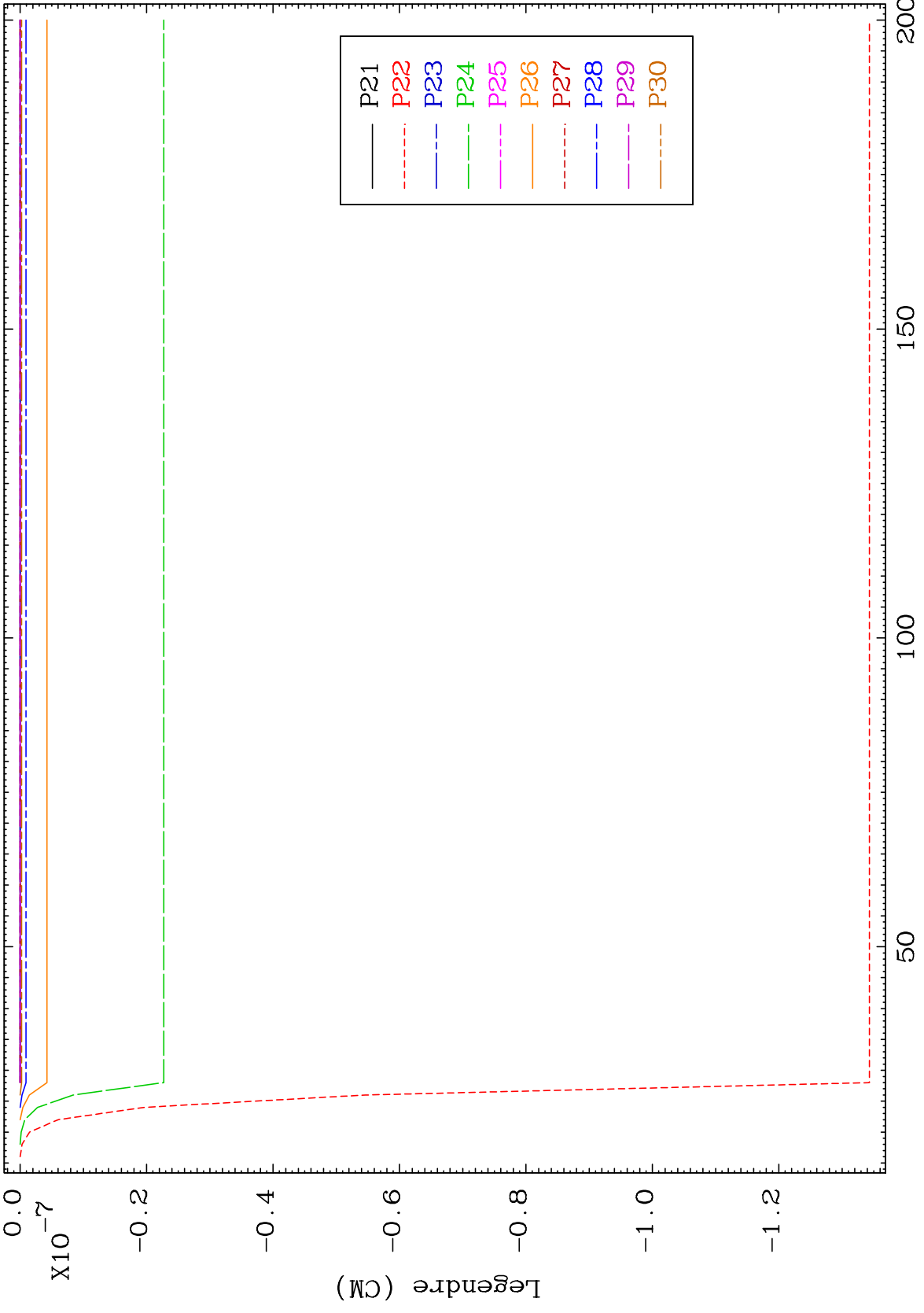
16 15-P -29

MAT 1519 MT= 51 (n,n') Level Legendre Coefficients 15-P -29



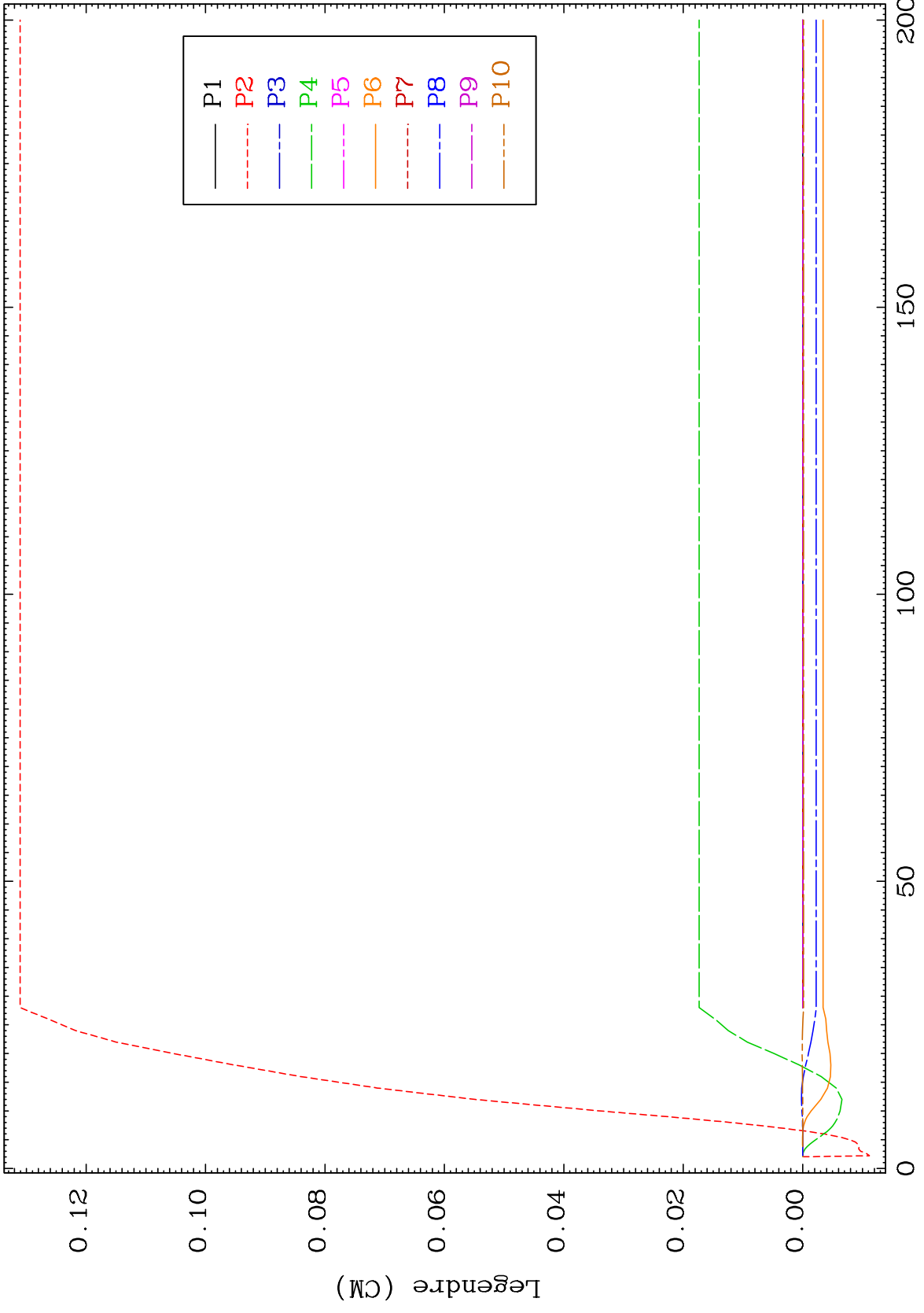
17 15-P -29

MAT 1519 MT= 51 (n,n') Level Legendre Coefficients 15-P -29



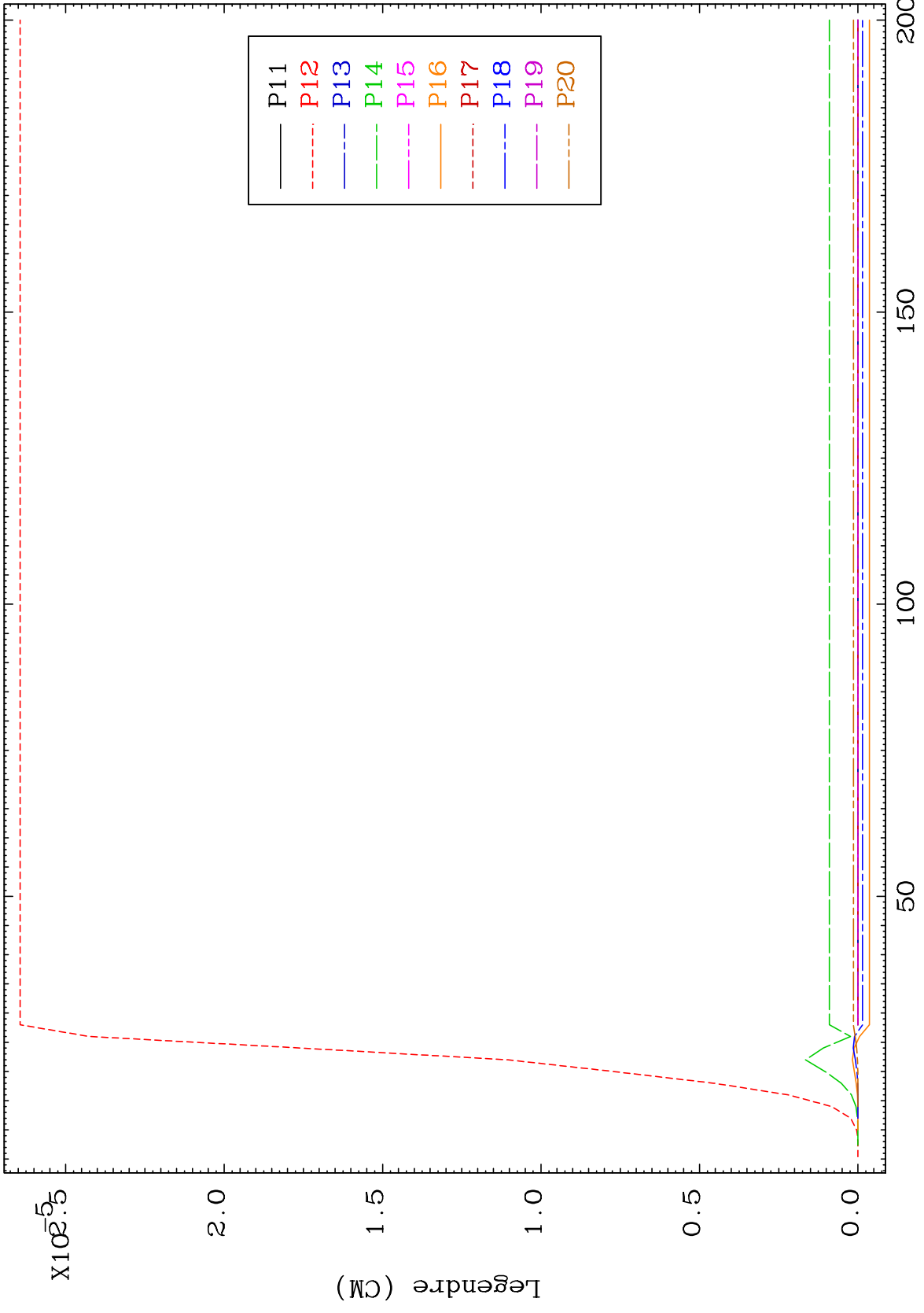
18 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 52 (n,n') Level Legendre Coefficients 15-P -29



19 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 52 (n,n') Level Legendre Coefficients 15-P -29

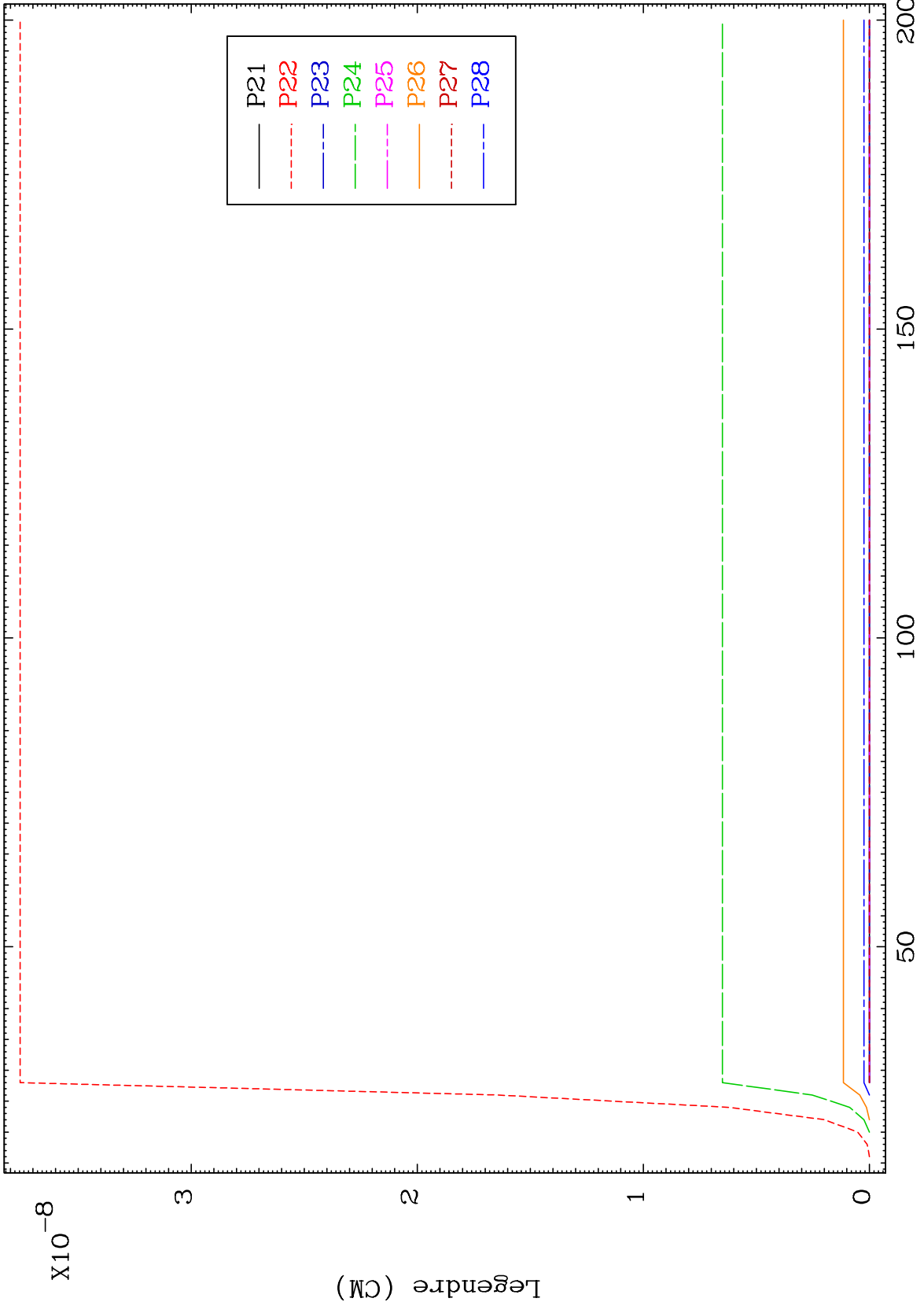


15-P -29

MAT 1519 MT= 52 (n,n') Level Legendre Coefficients

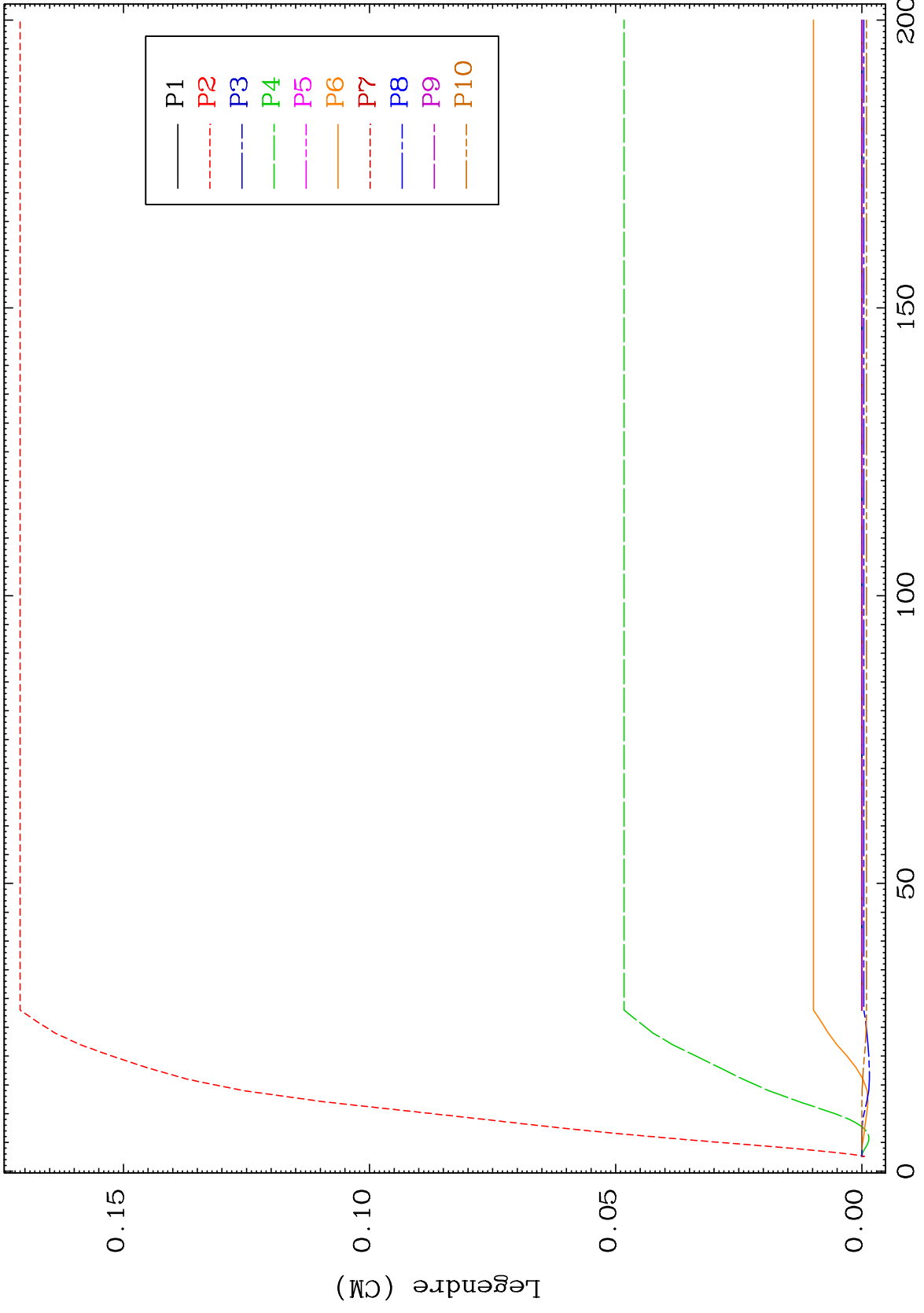
15-P -29

15-P -29



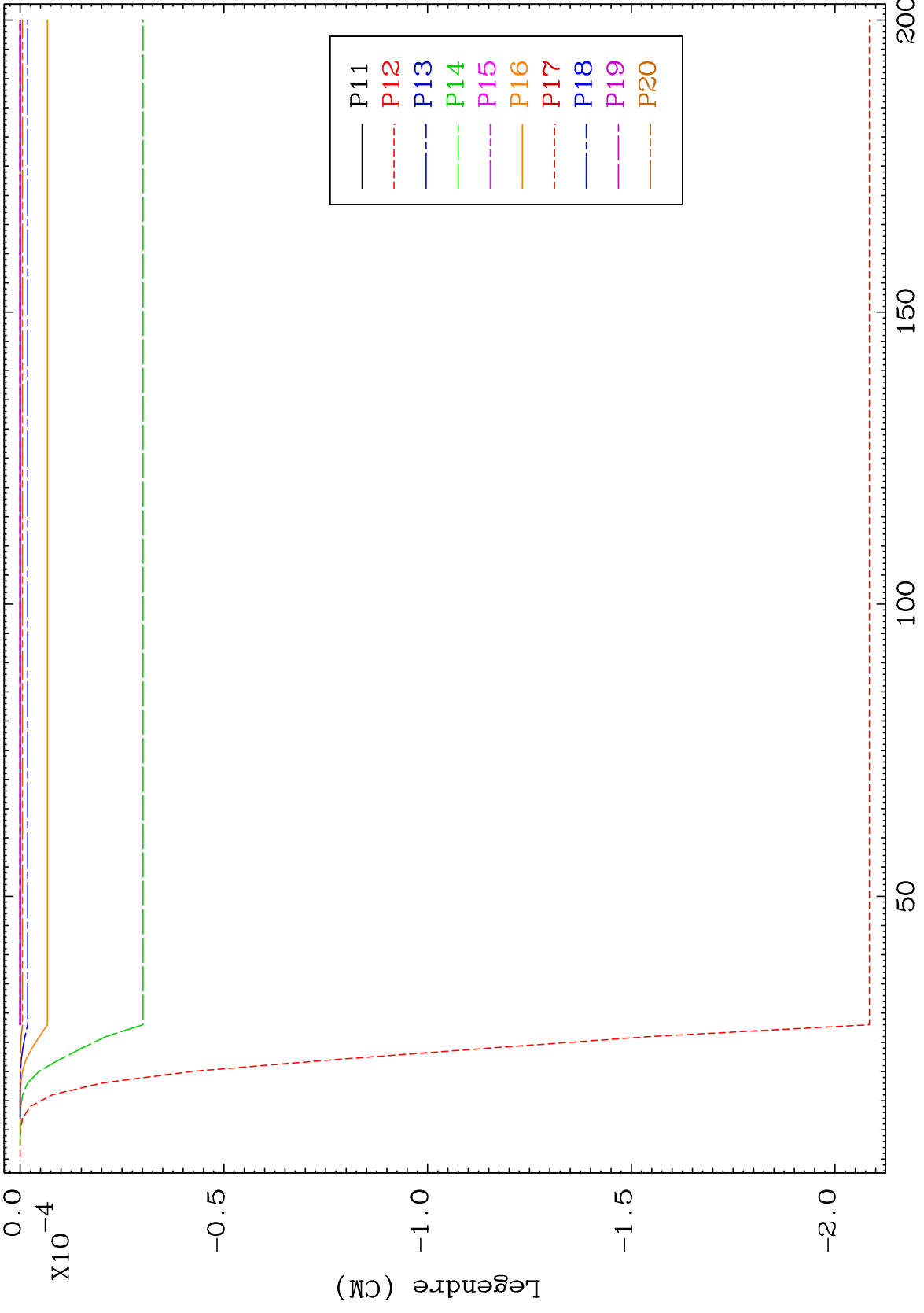
21

MAT 1519 MT= 53 (n,n') Level Legendre Coefficients 15-P -29



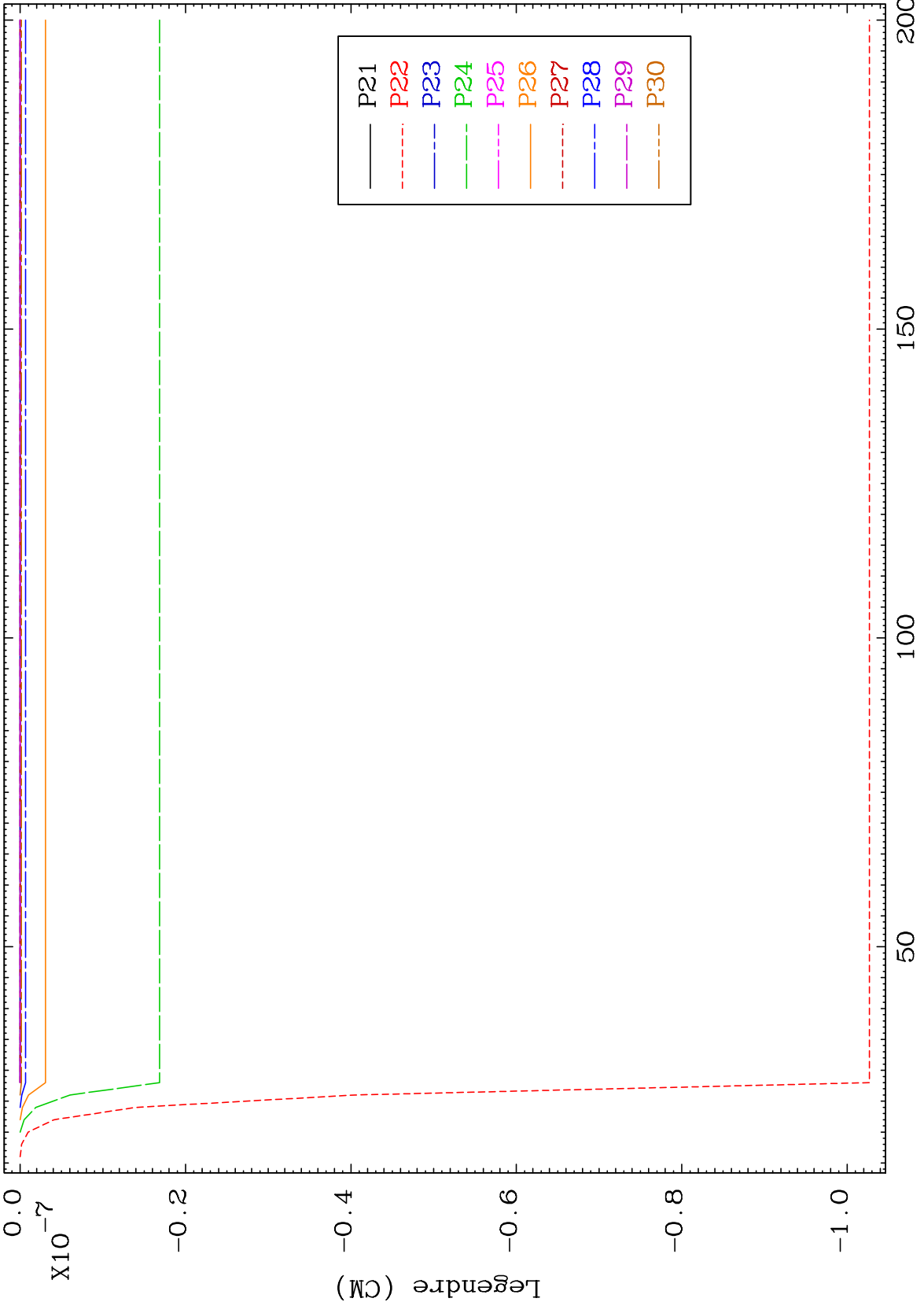
22 15-P -29

MAT 1519 MT= 53 (n,n') Level Legendre Coefficients 15-P -29



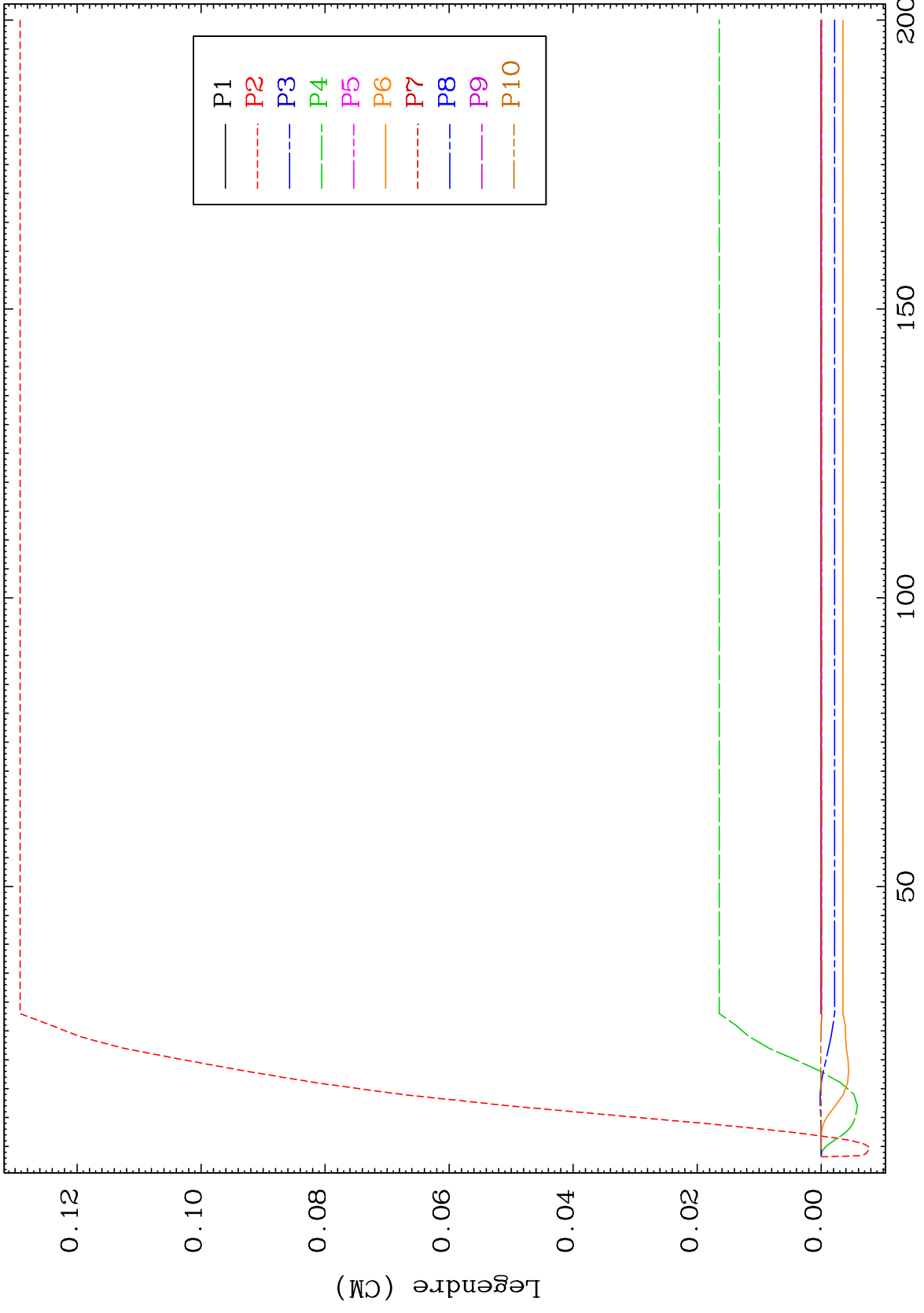
23 15-P -29

MAT 1519 MT= 53 (n,n') Level Legendre Coefficients 15-P -29



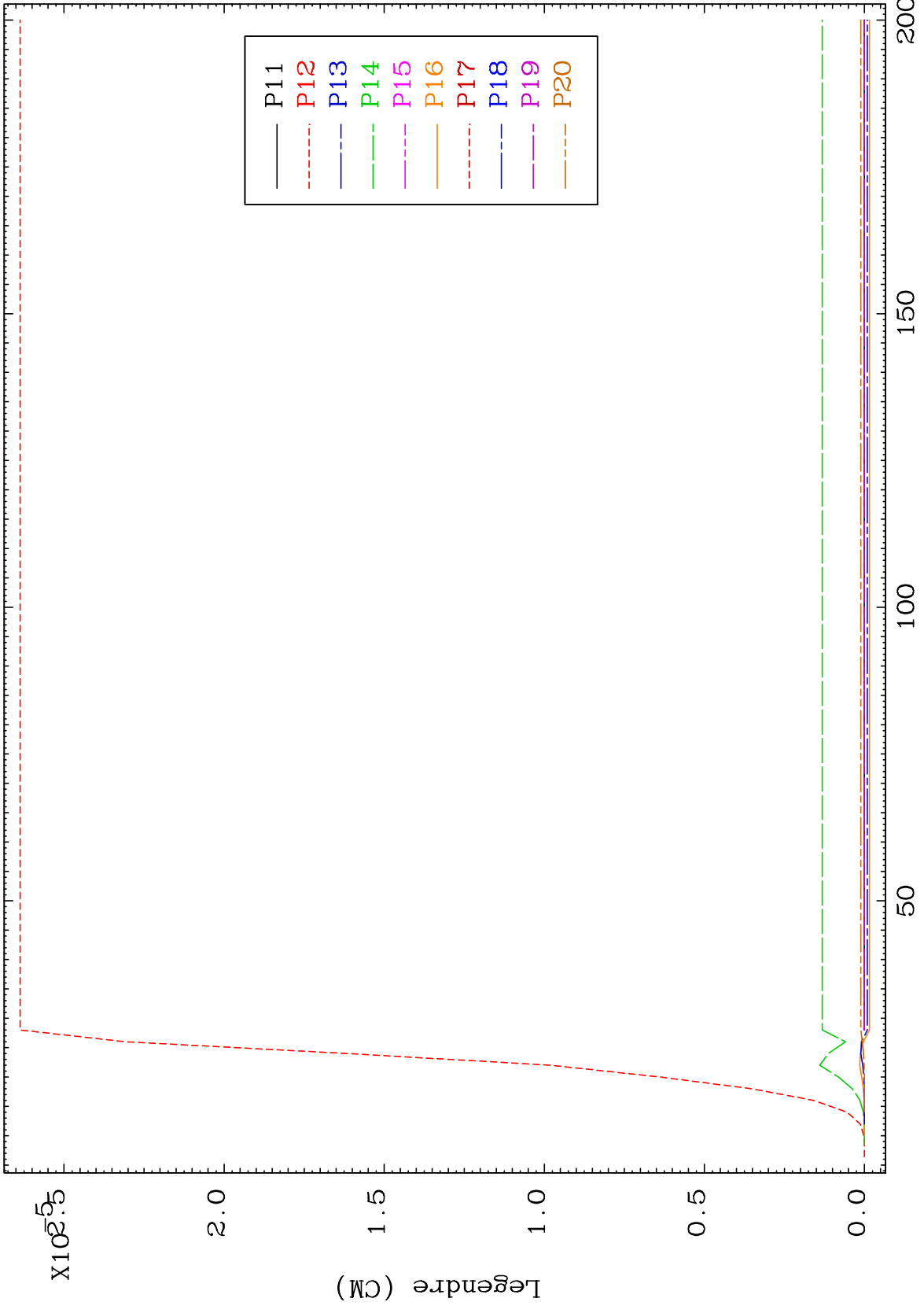
24 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 54 (n,n') Level Legendre Coefficients 15-P -29

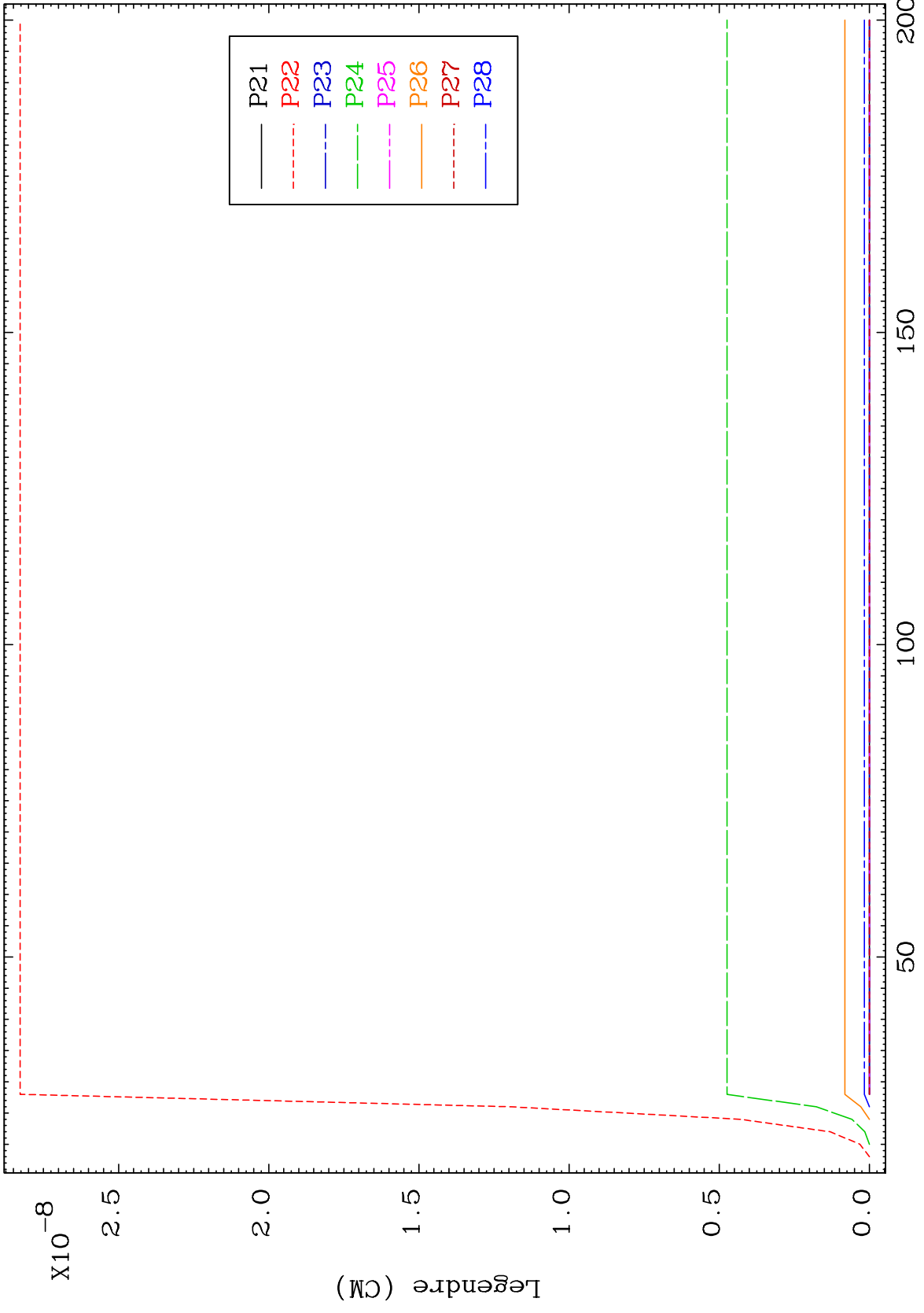


15-P -29

MAT 1519 MT= 54 (n,n') Level Legendre Coefficients 15-P -29

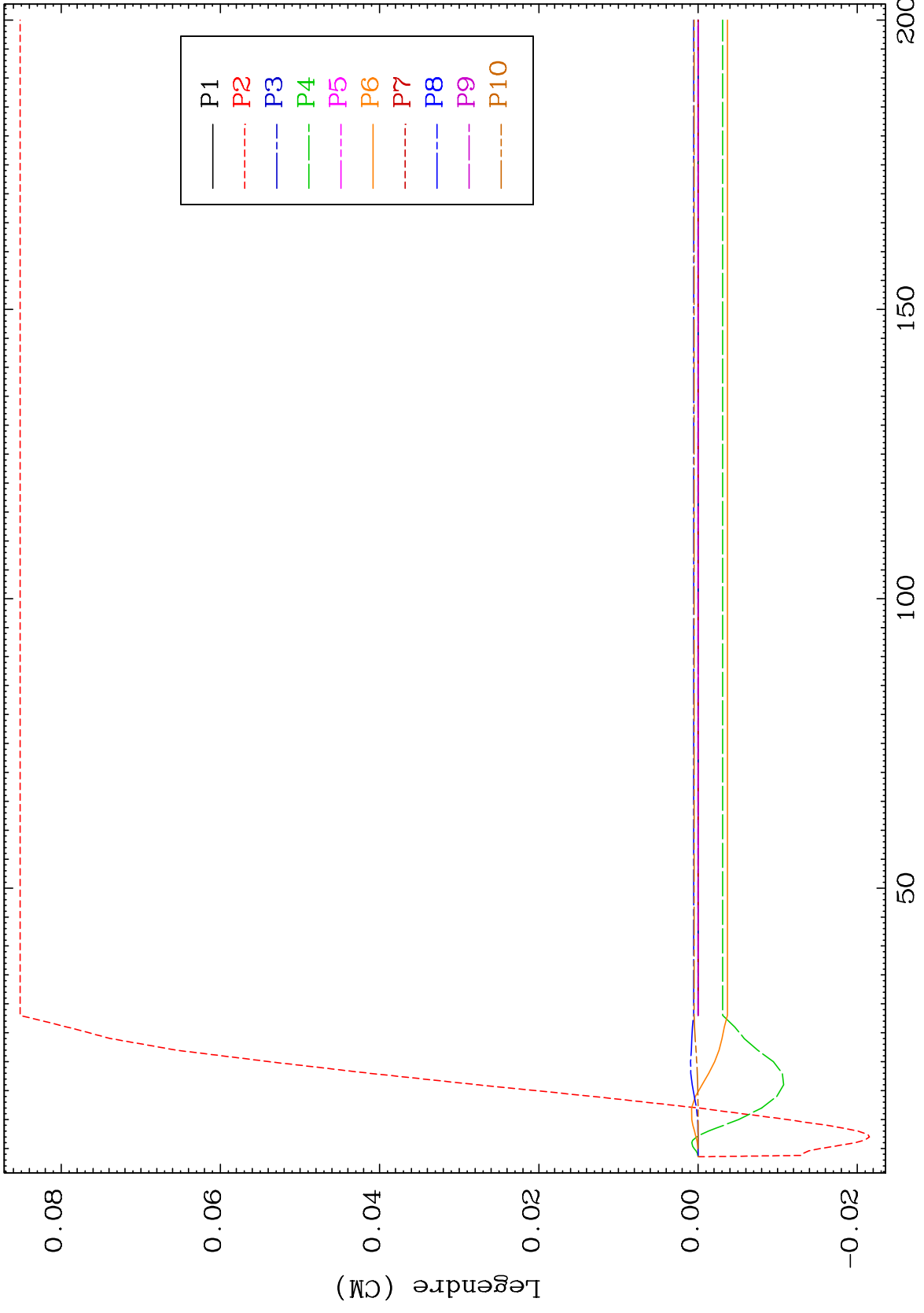


MAT 1519 MT= 54 (n,n') Level Legendre Coefficients 15-P -29



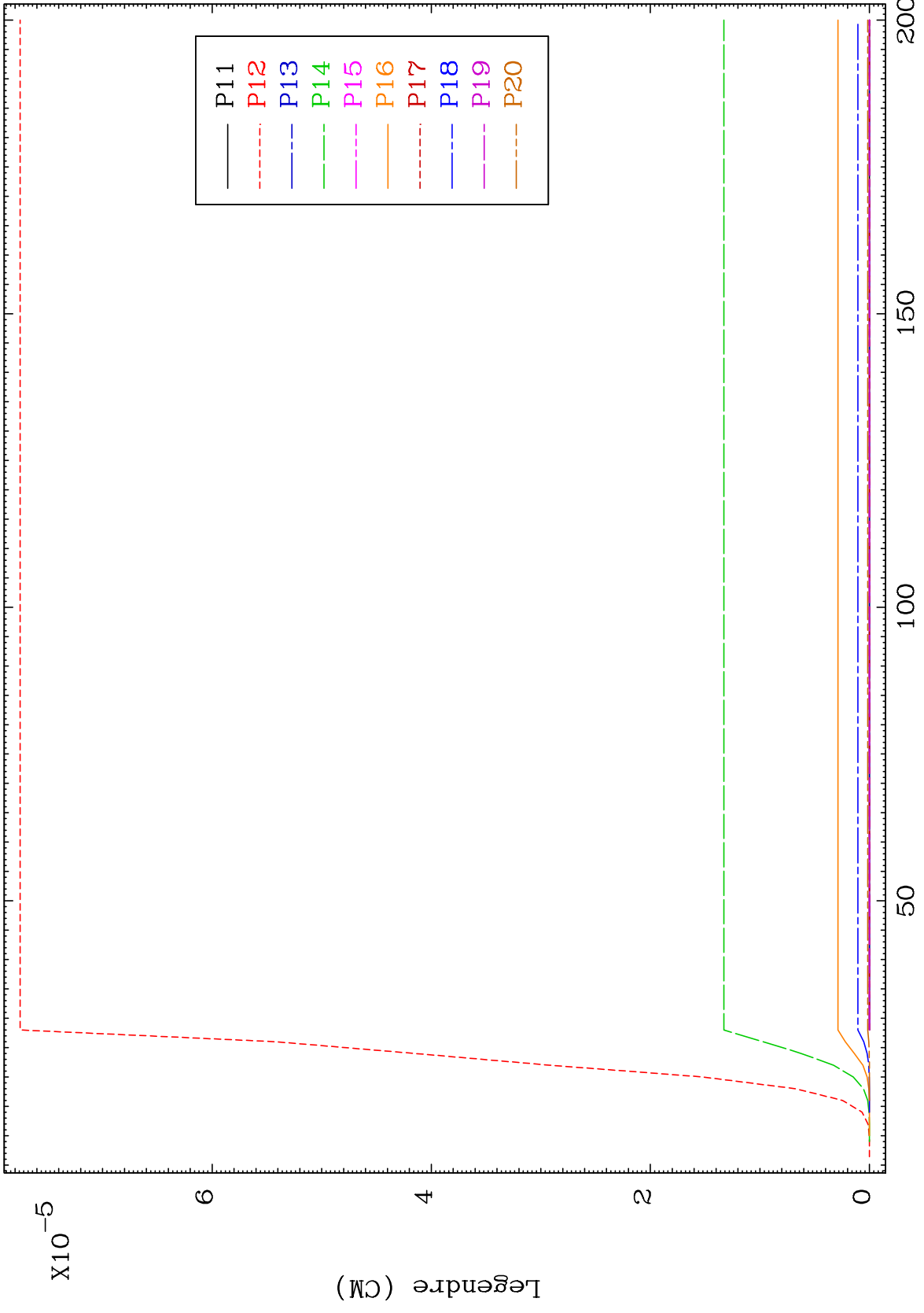
27 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 55 (n,n') Level Legendre Coefficients 15-P -29



28 15-P -29

MAT 1519 MT= 55 (n,n') Level Legendre Coefficients 15-P -29

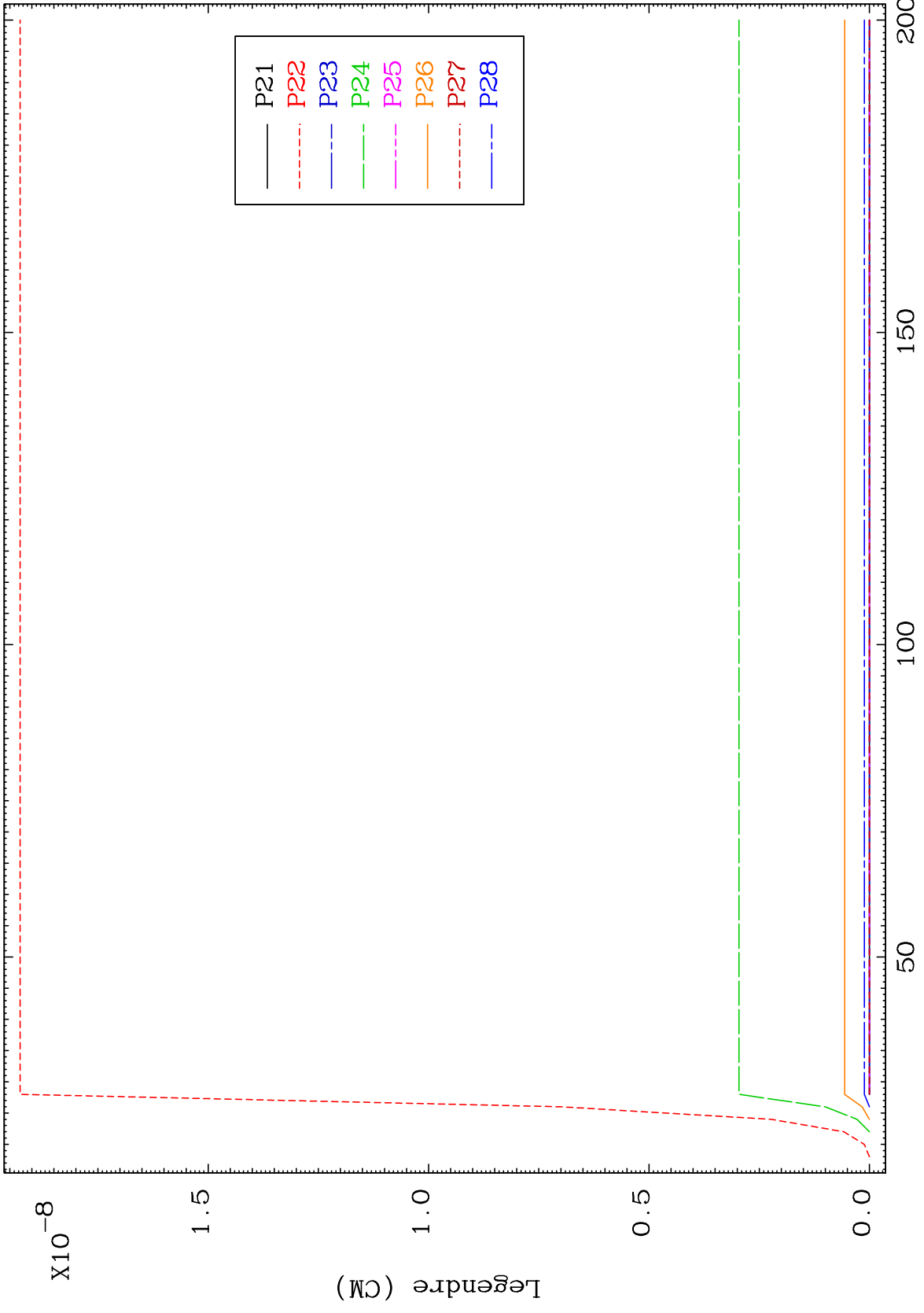


29 50 100 150 200 15-P -29

MAT 1519 MT= 55 (n,n') Level Legendre Coefficients

15-P -29

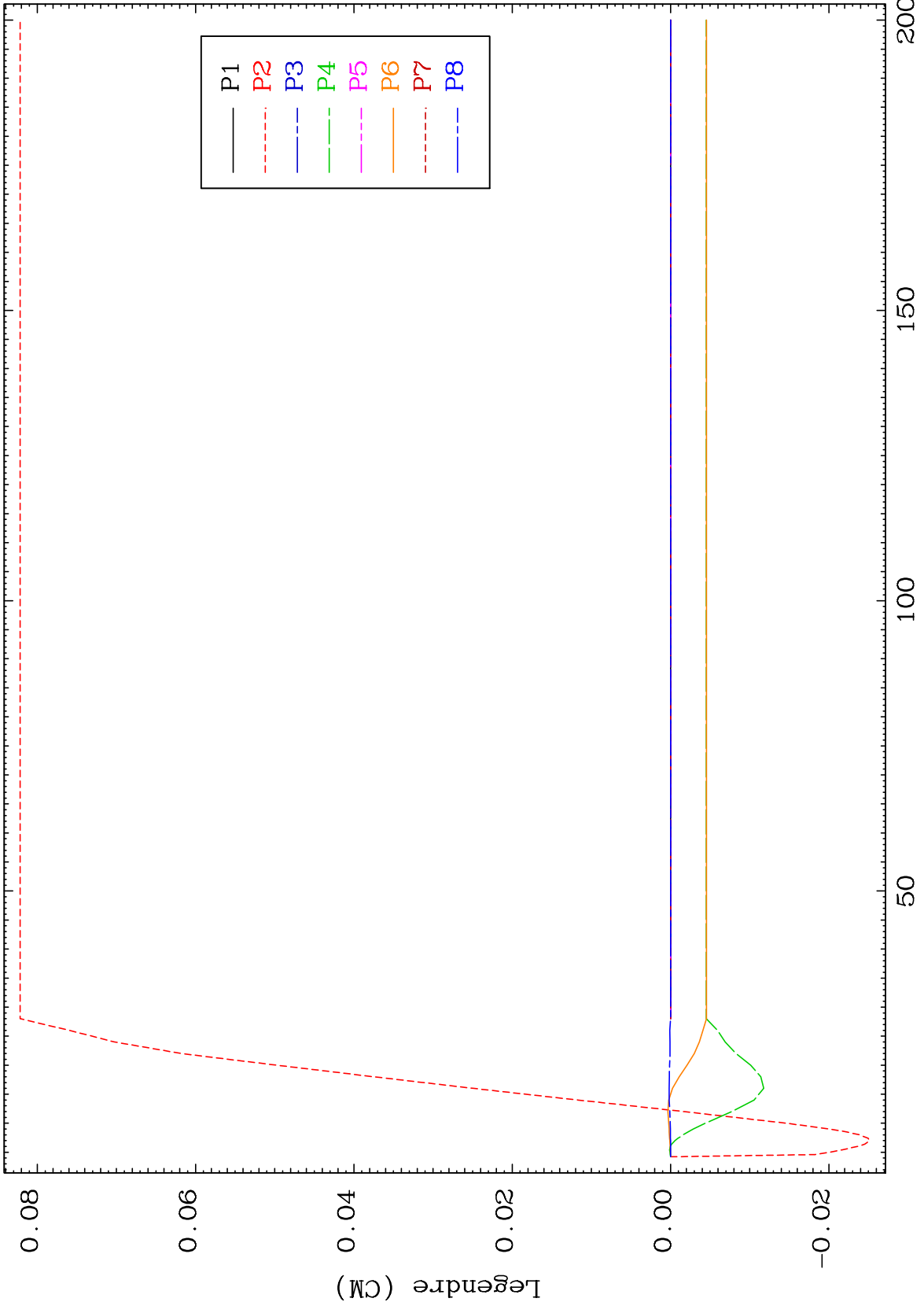
15-P -29



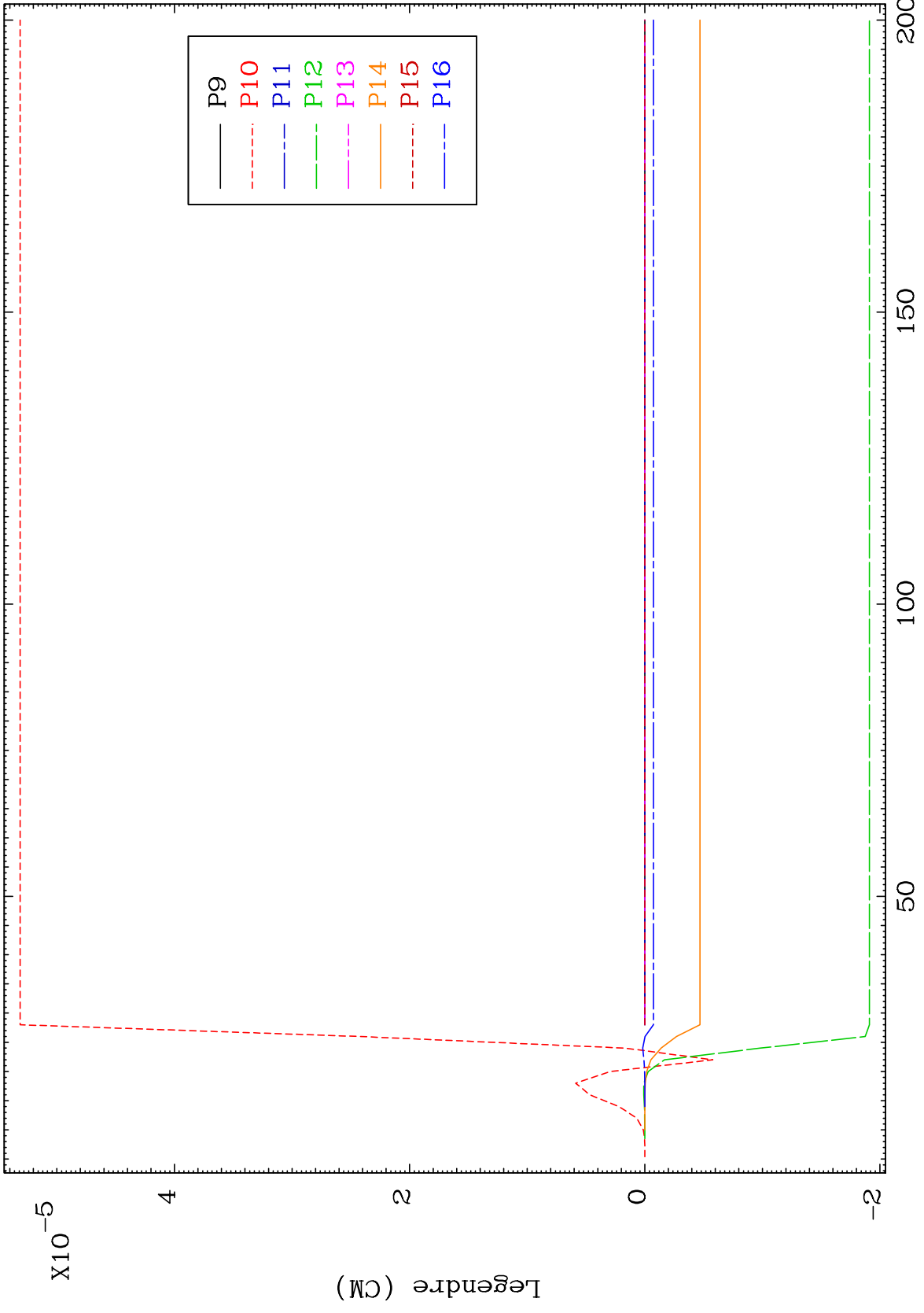
Legendre (CM)

Incident Energy (MeV)

MAT 1519 MT= 56 (n,n') Level Legendre Coefficients 15-P -29



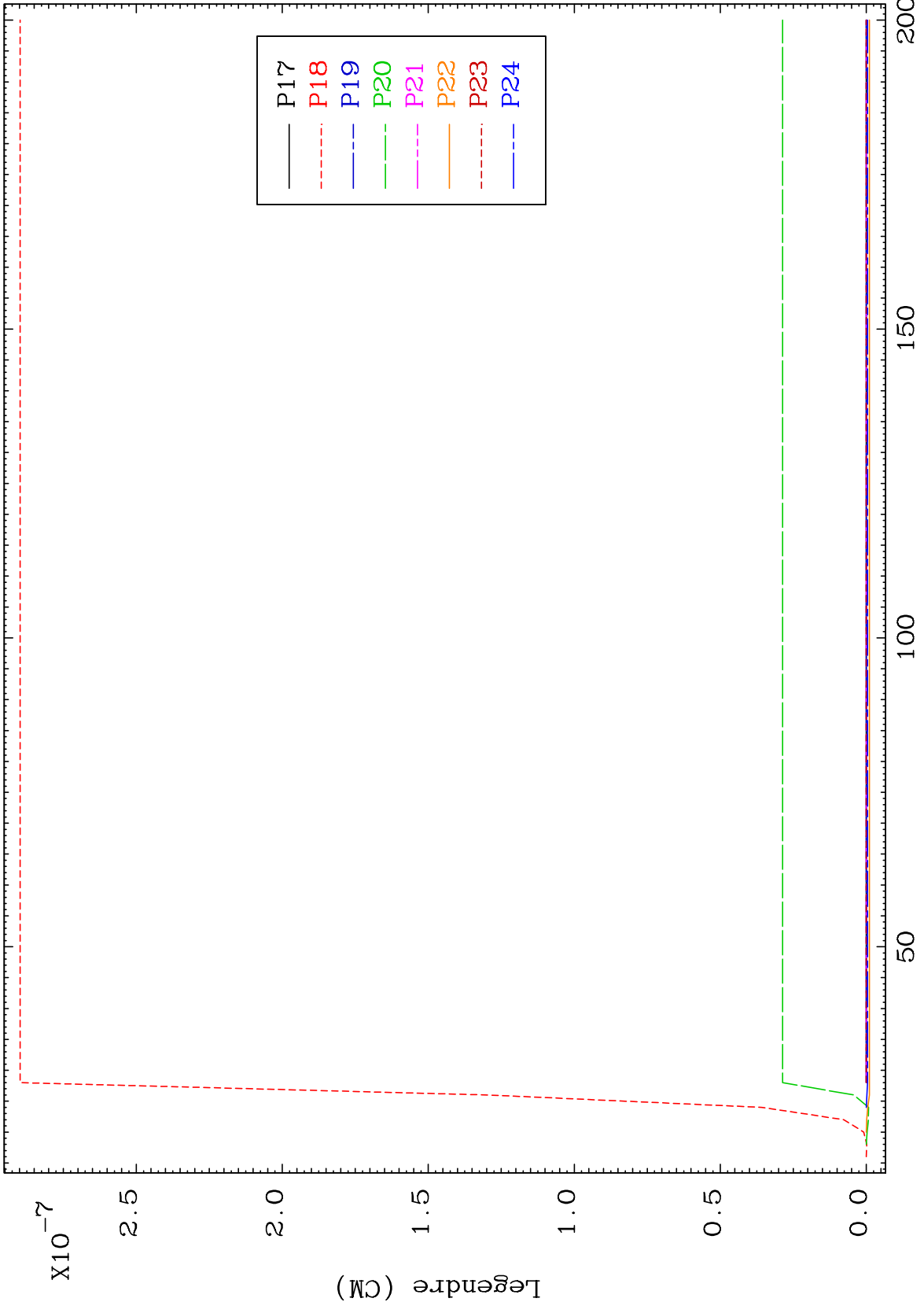
MAT 1519 MT= 56 (n,n') Level Legendre Coefficients 15-P -29



MAT 1519 MT= 56 (n,n') Level Legendre Coefficients

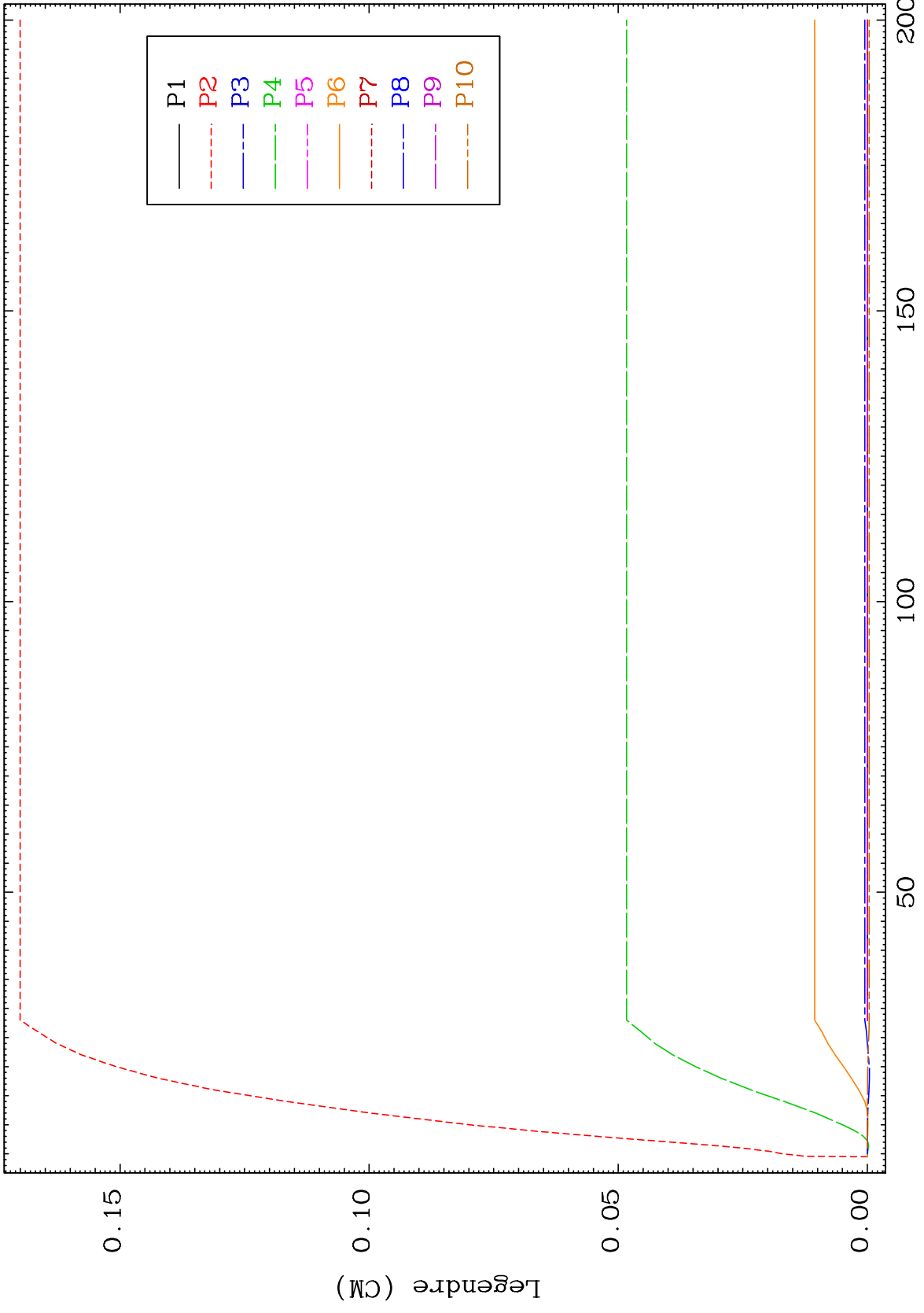
15-P -29

15-P -29



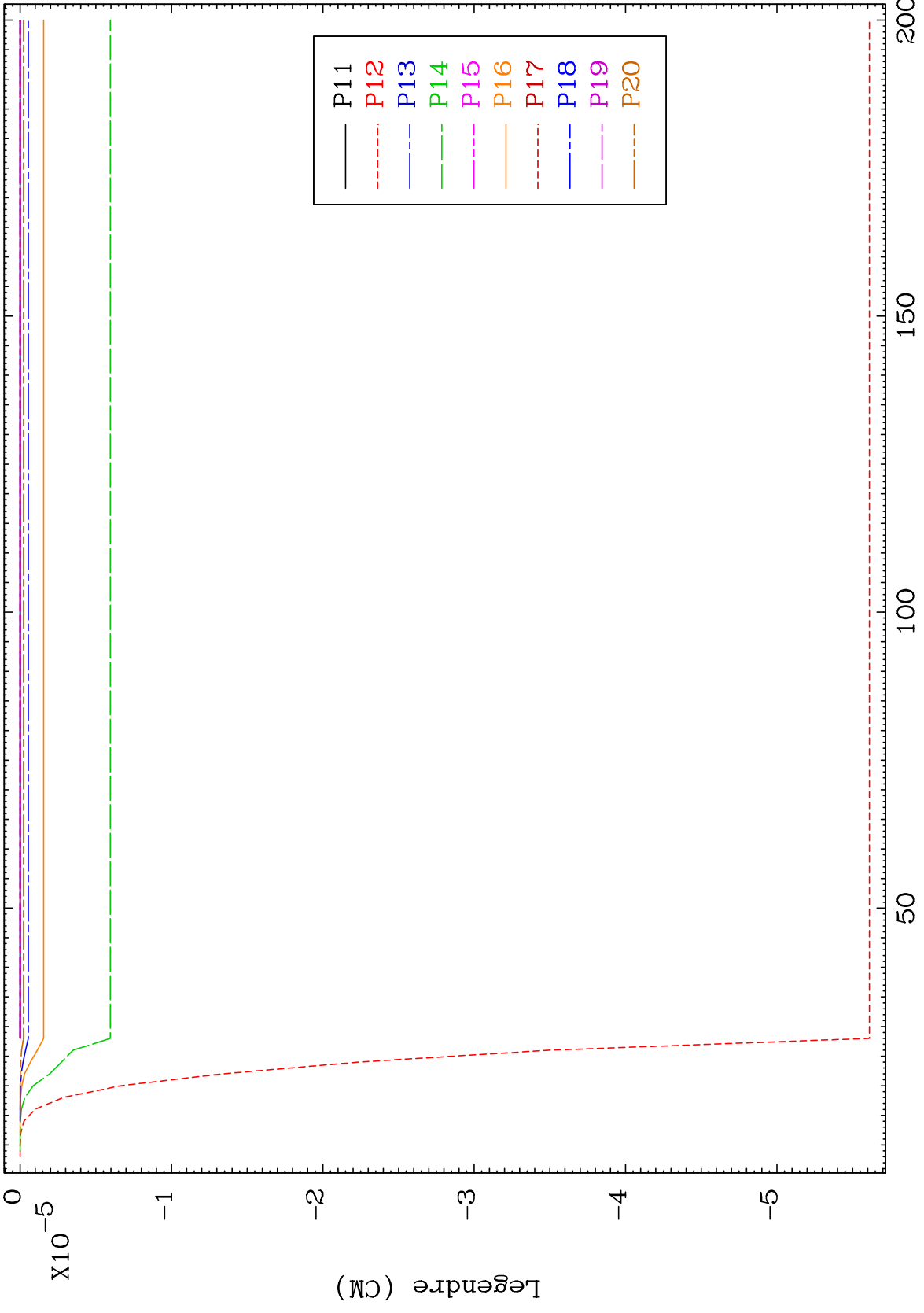
33

MAT 1519 MT= 57 (n,n') Level Legendre Coefficients 15-P -29



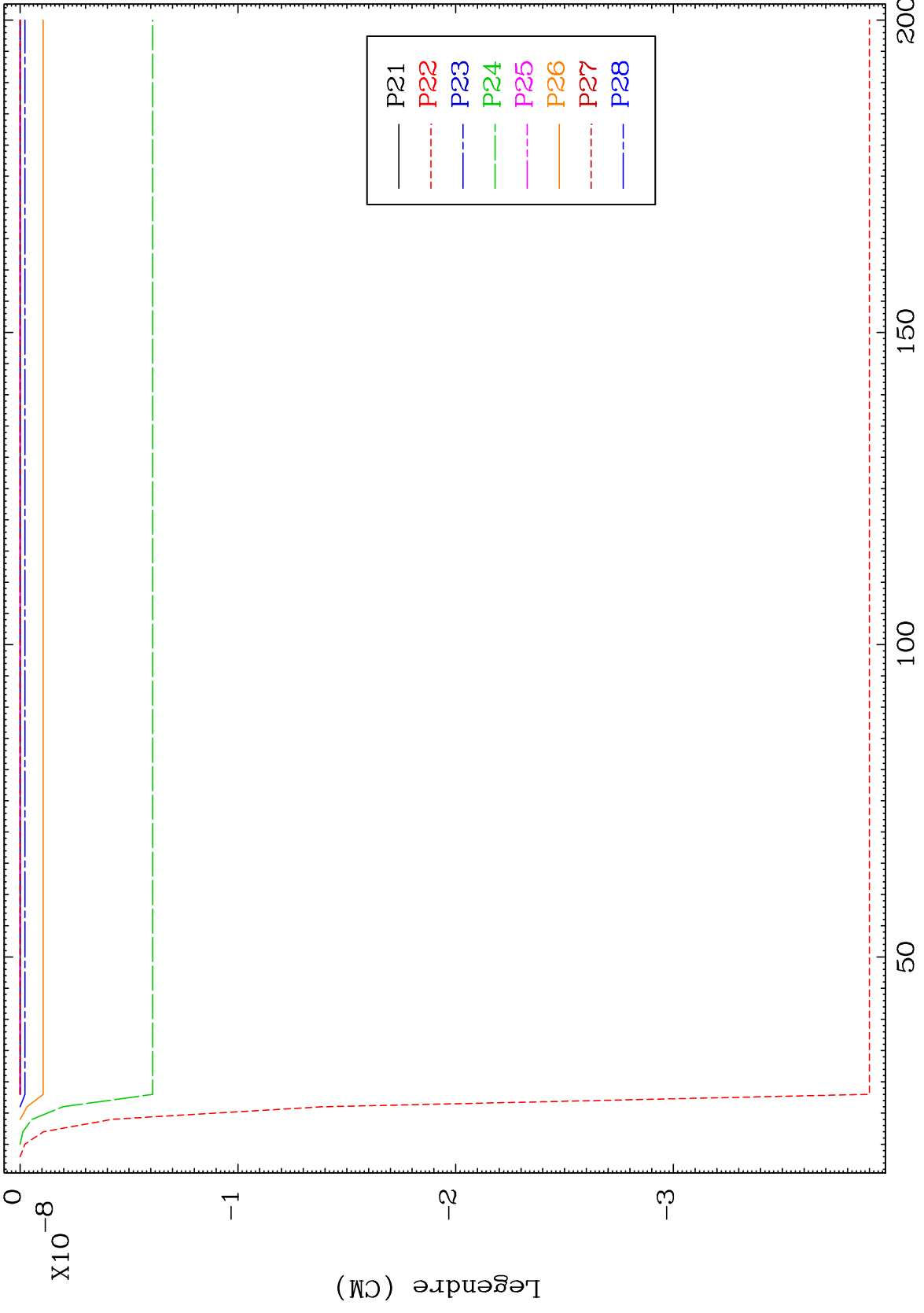
34 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 57 (n,n') Level Legendre Coefficients 15-P -29



35 Incident Energy (MeV) 15-P -29

MAT 1519 MT= 57 (n,n') Level Legendre Coefficients 15-P -29



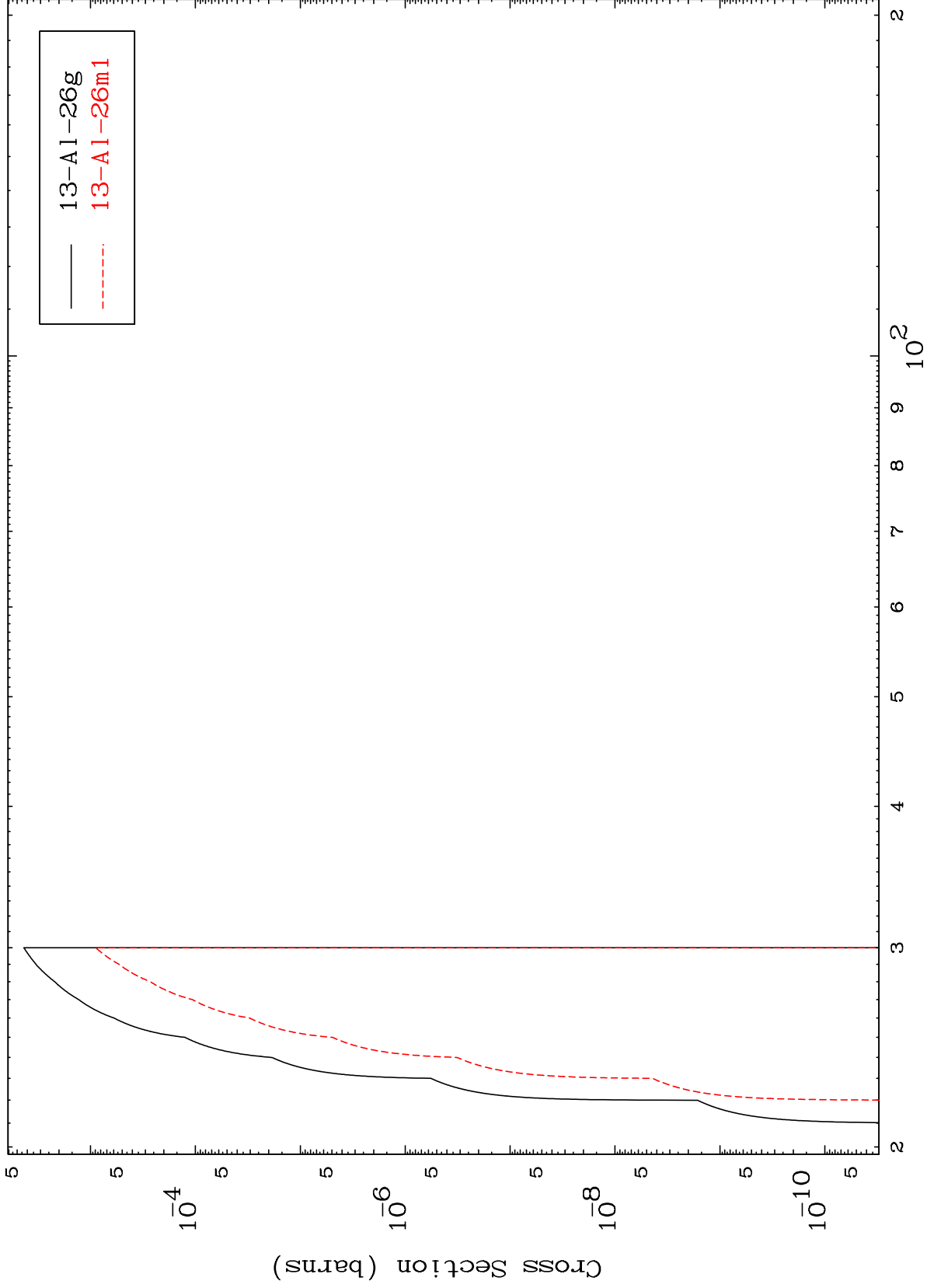
36 50 100 150 200 15-P -29

MAT 1519

(n, n') He-3

15-P -29

Radionuclide Production Cross Section



37

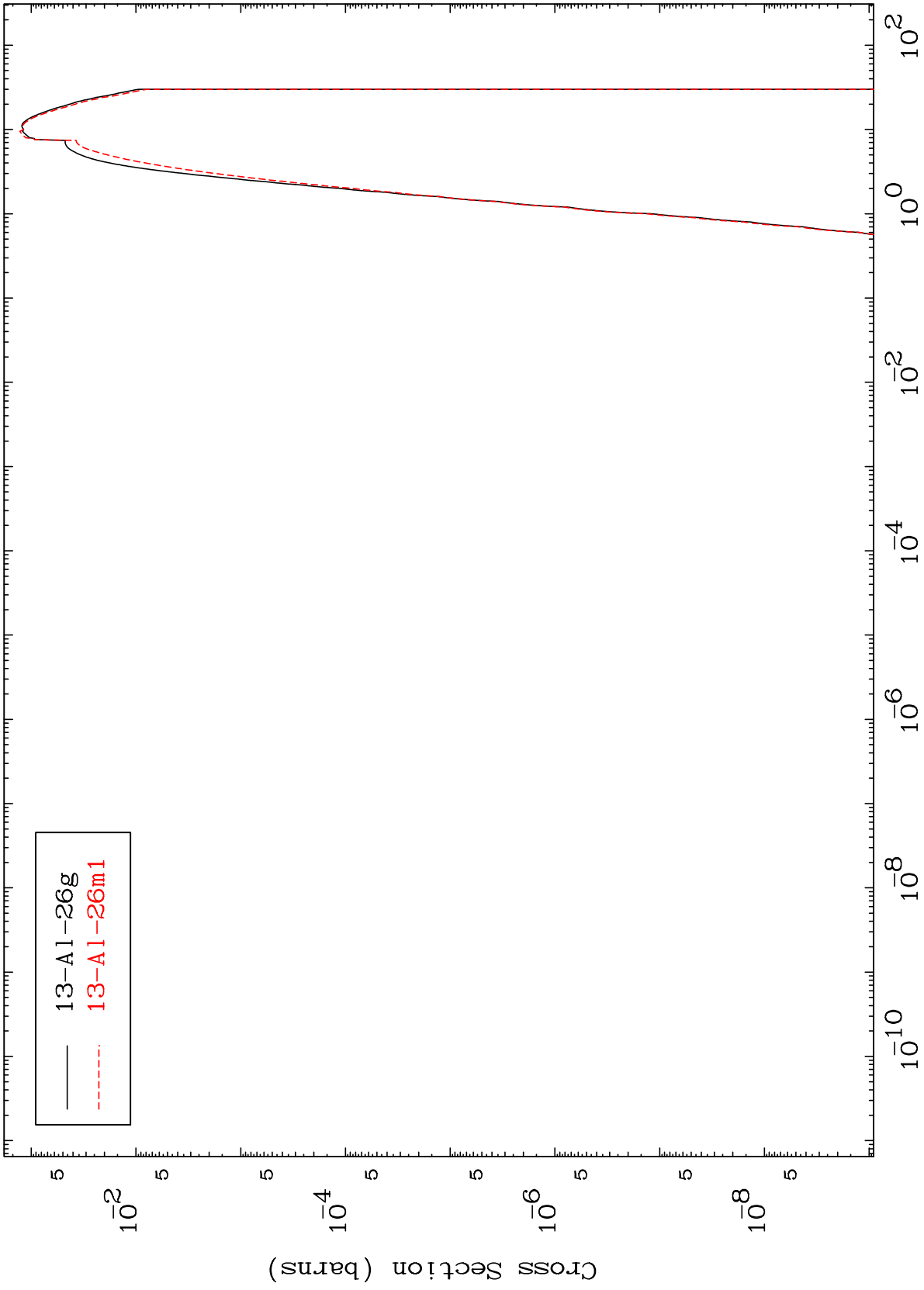
Incident Energy (MeV)

15-P -29

MAT 1519

(n,α)
Radionuclide Production Cross Section

15-P -29



38

Incident Energy (MeV)

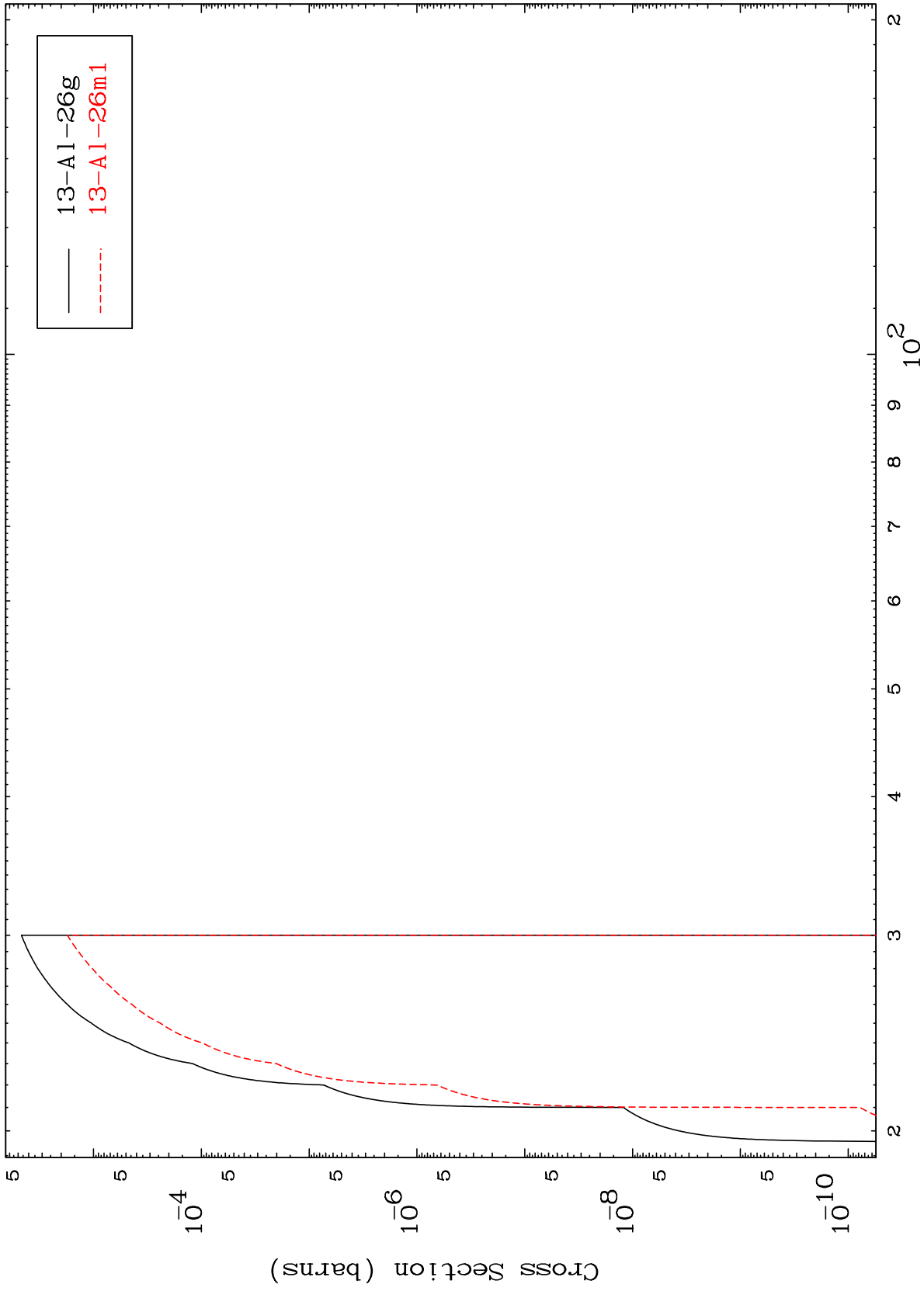
15-P -29

MAT 1519

(n,p) t

15-P -29

Radionuclide Production Cross Section



39

Incident Energy (MeV)

15-P -29