

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

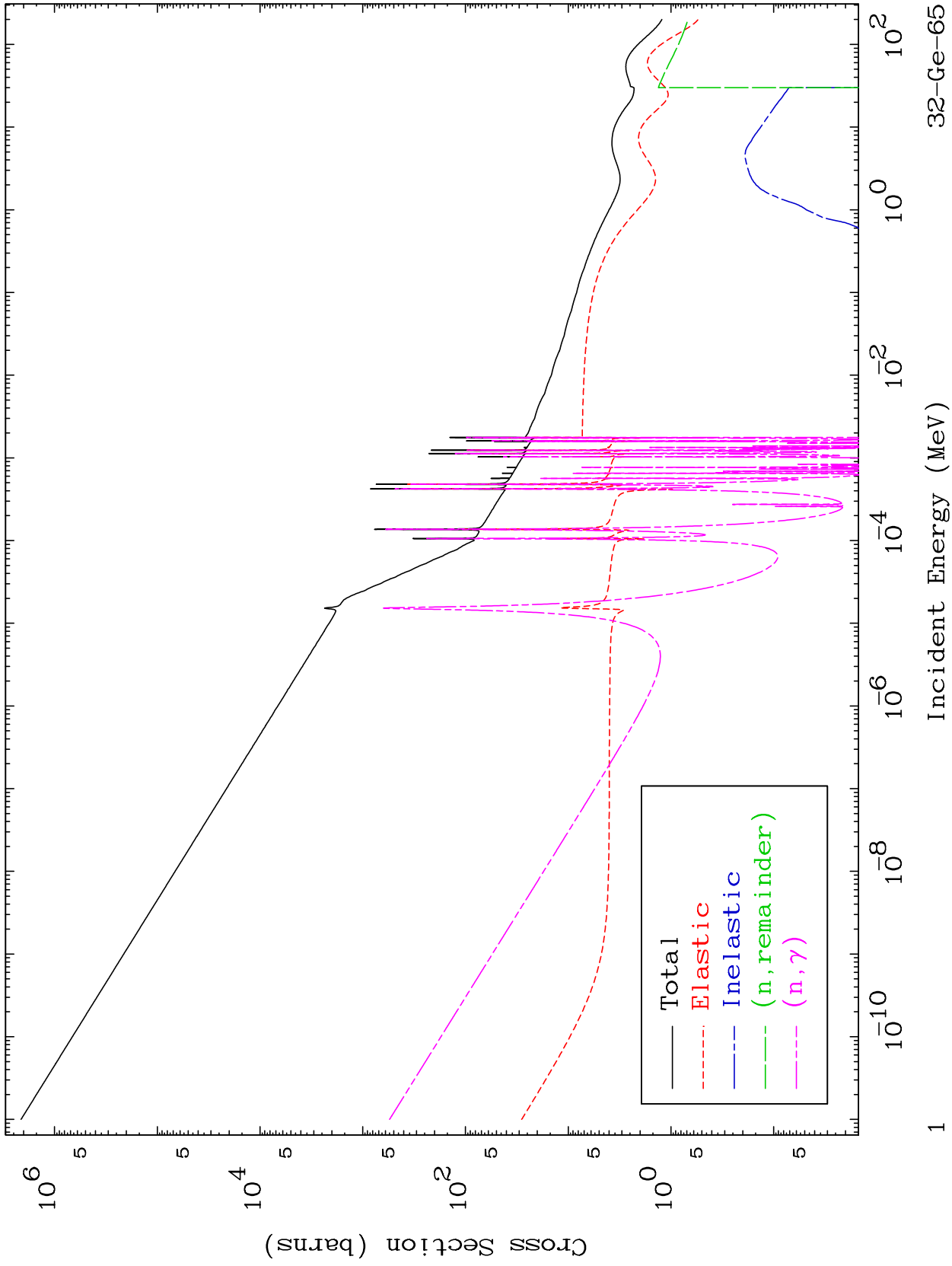
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3210

Major
293 Kelvin Cross Sections

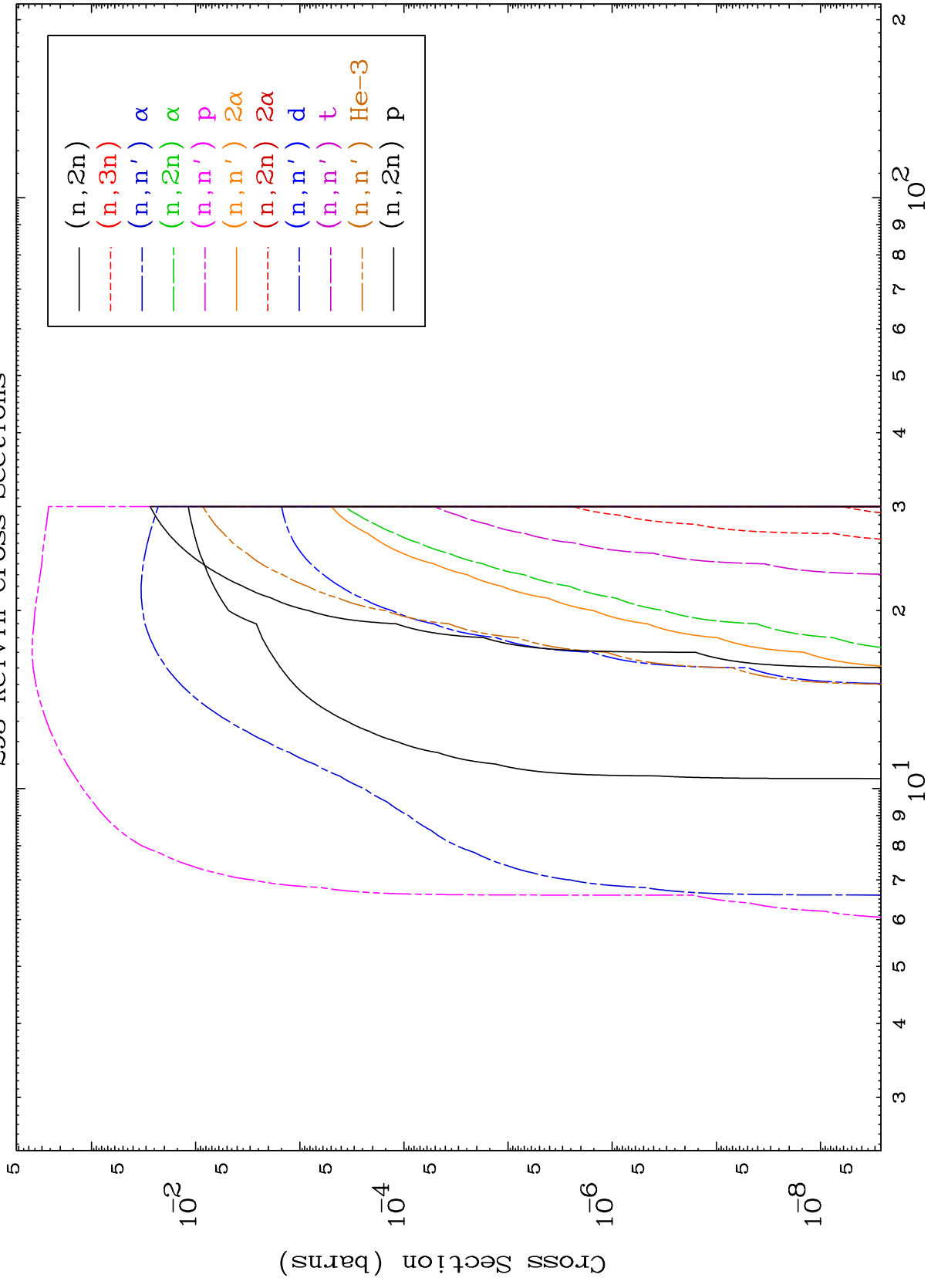
32-Ge-65



MAT 3210

Neutron Production 293 Kelvin Cross Sections

32-Ge-65



2

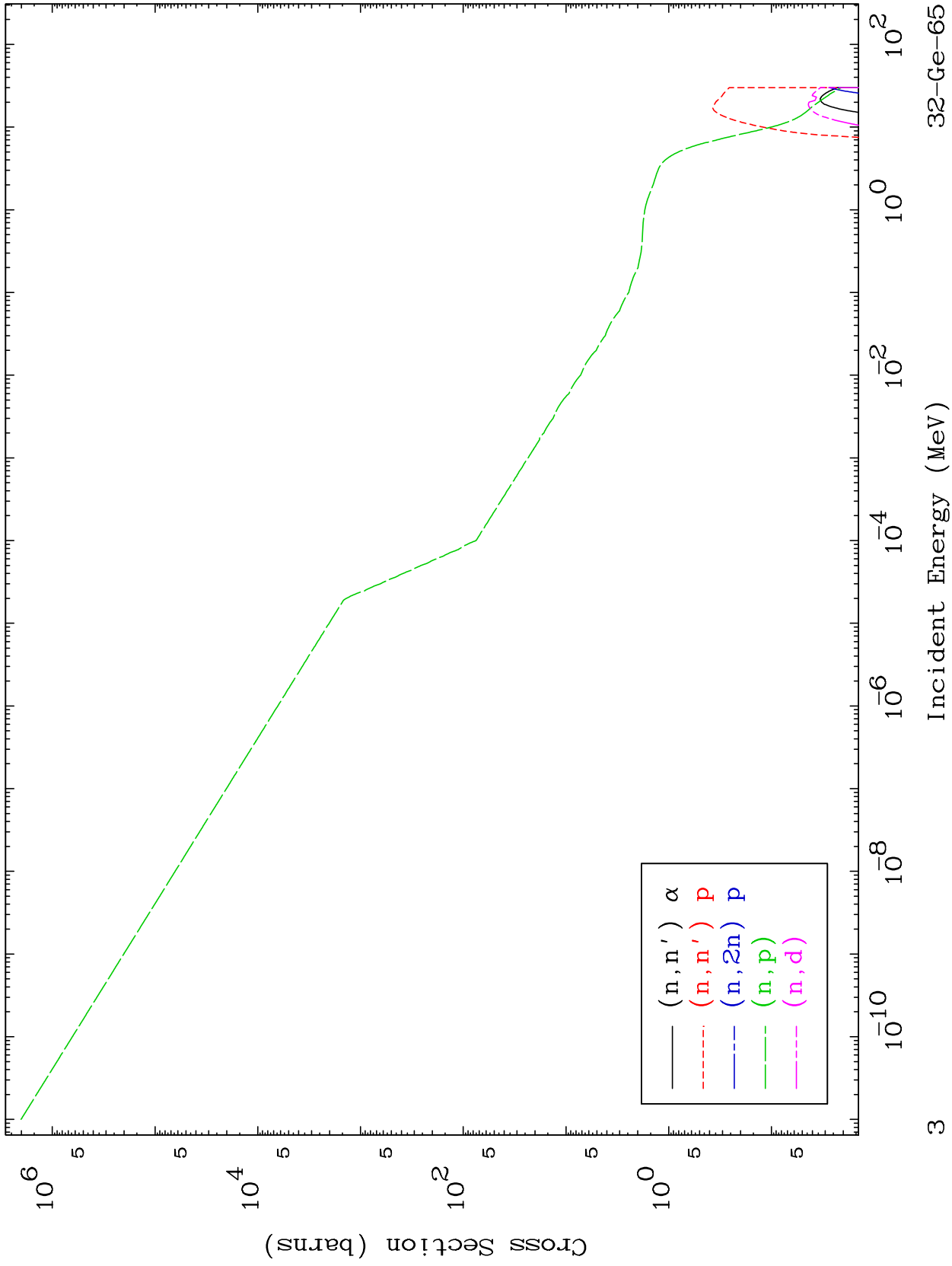
Incident Energy (MeV)

32-Ge-65

MAT 3210

Charged Particle
293 Kelvin Cross Sections

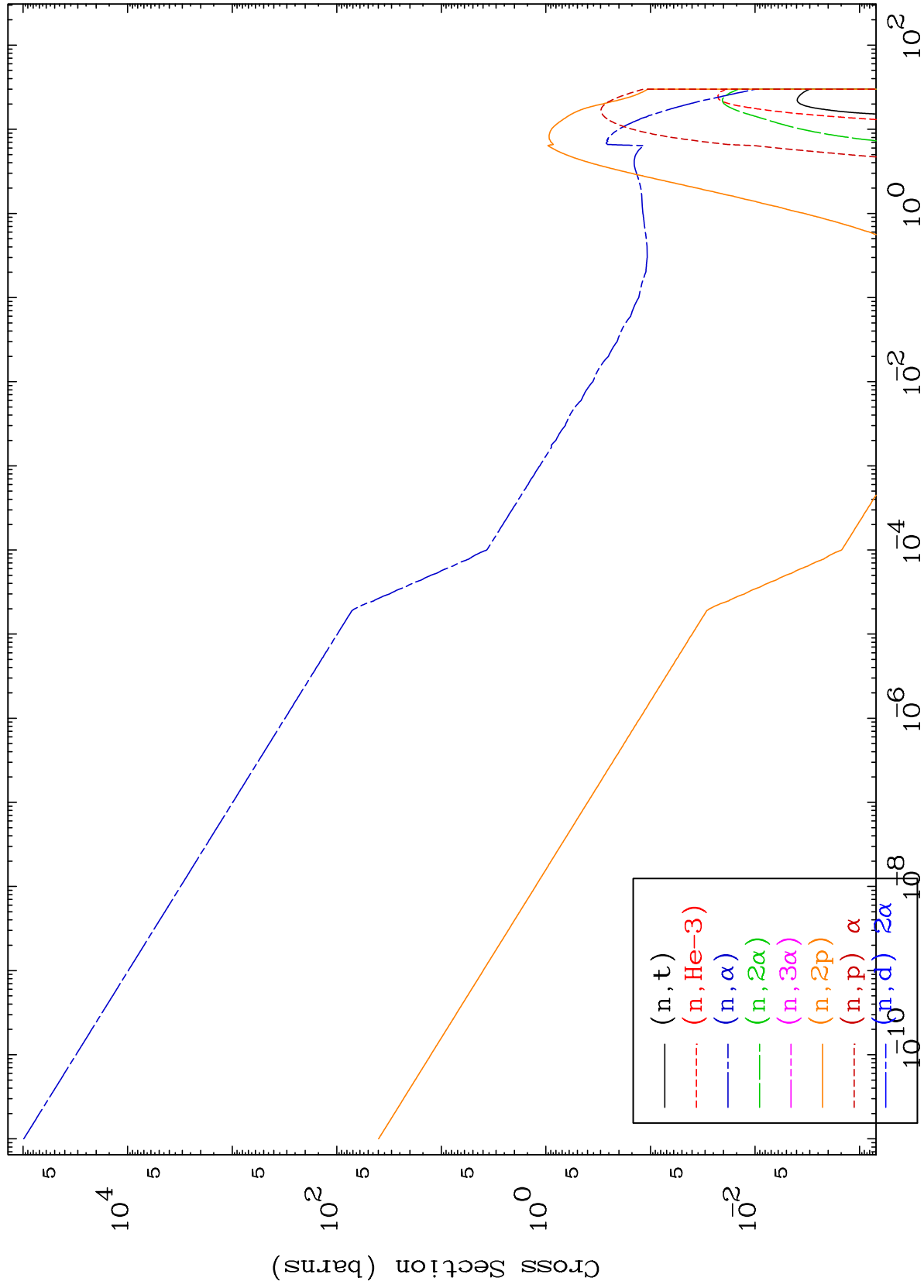
32-Ge-65



MAT 3210

Charged Particle
293 Kelvin Cross Sections

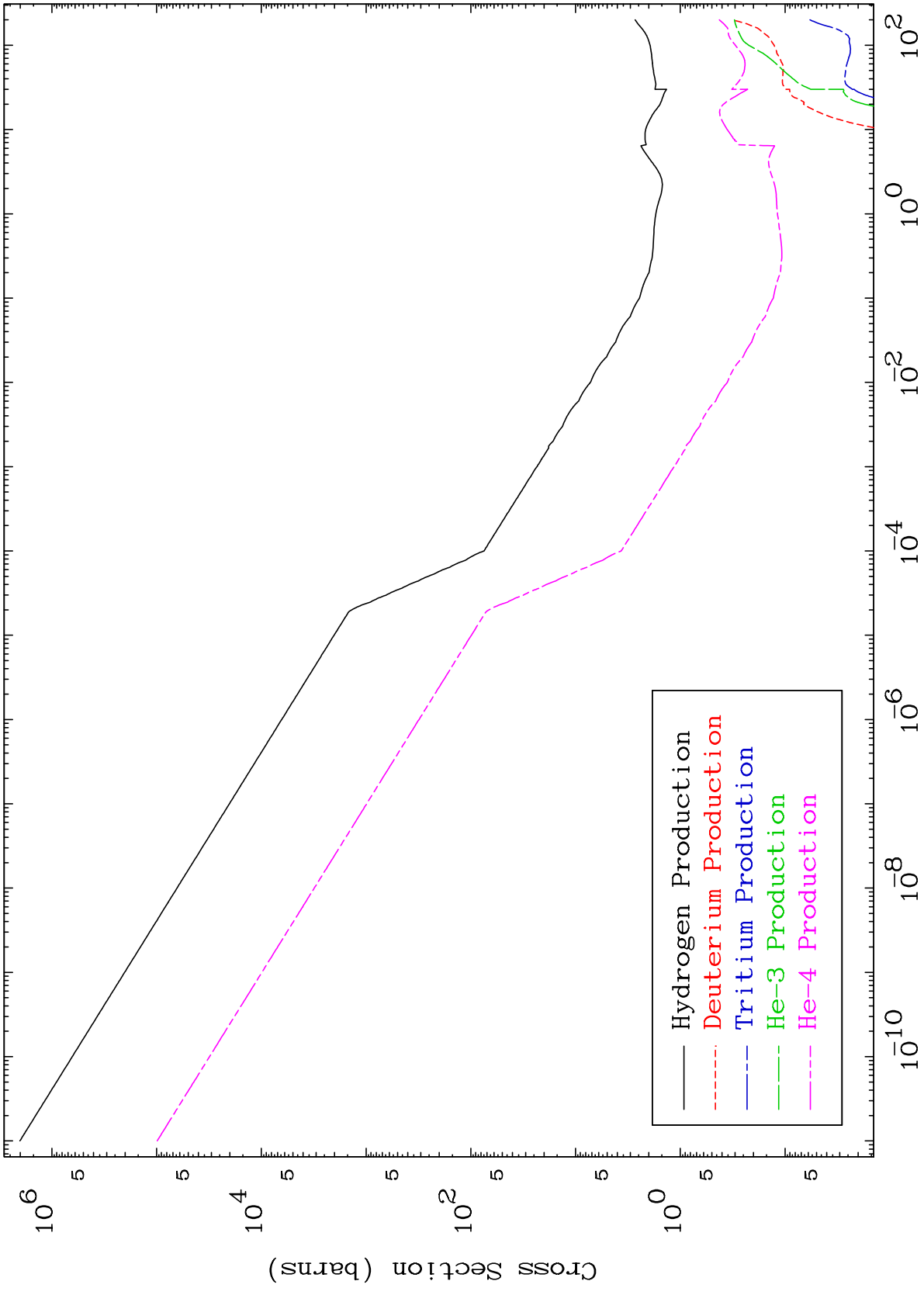
32-Ge-65



MAT 3210

Particle Production
293 Kelvin Cross Sections

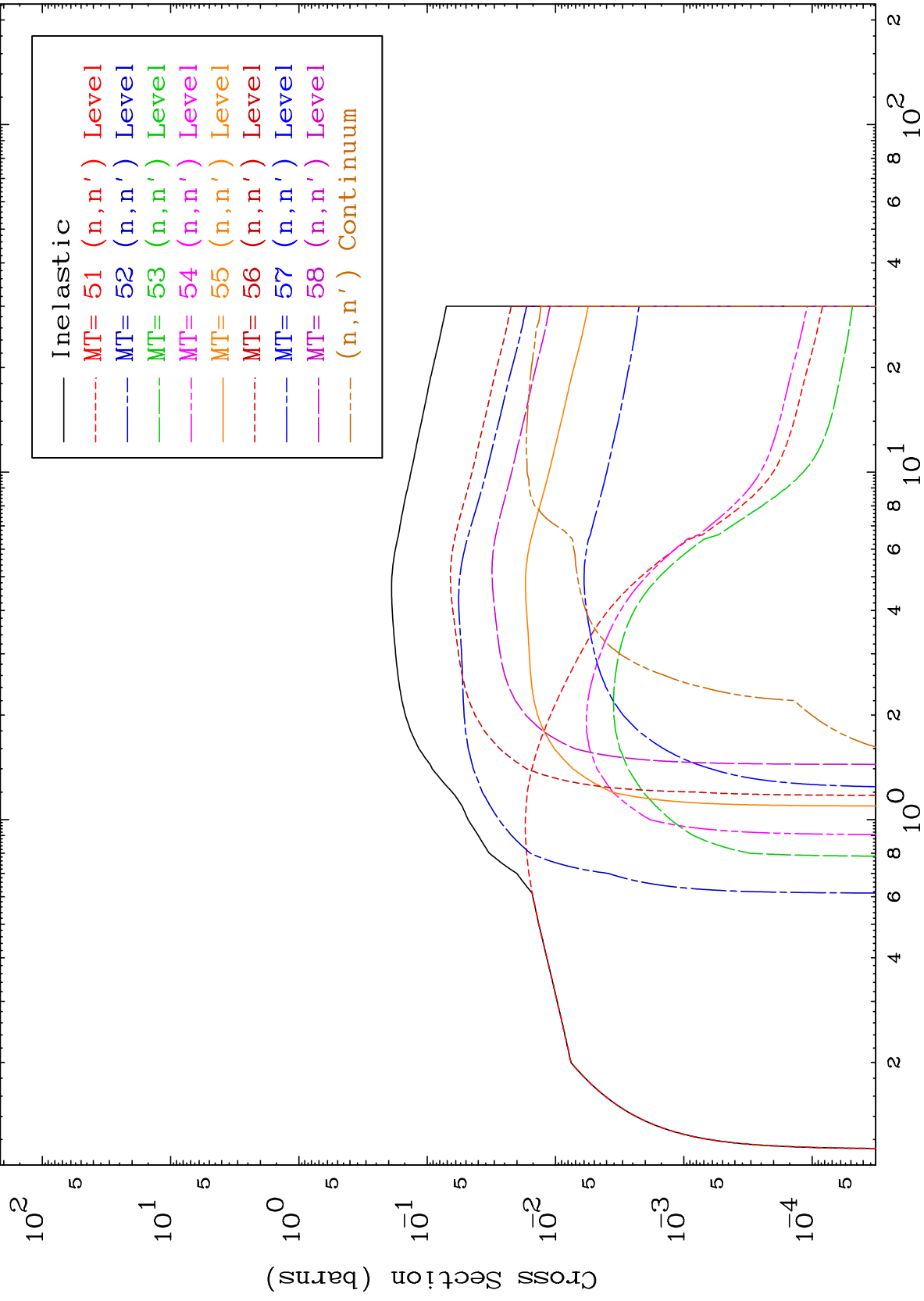
32-Ge-65



MAT 3210

(n,n') Level
293 Kelvin Cross Sections

32-Ge-65



6

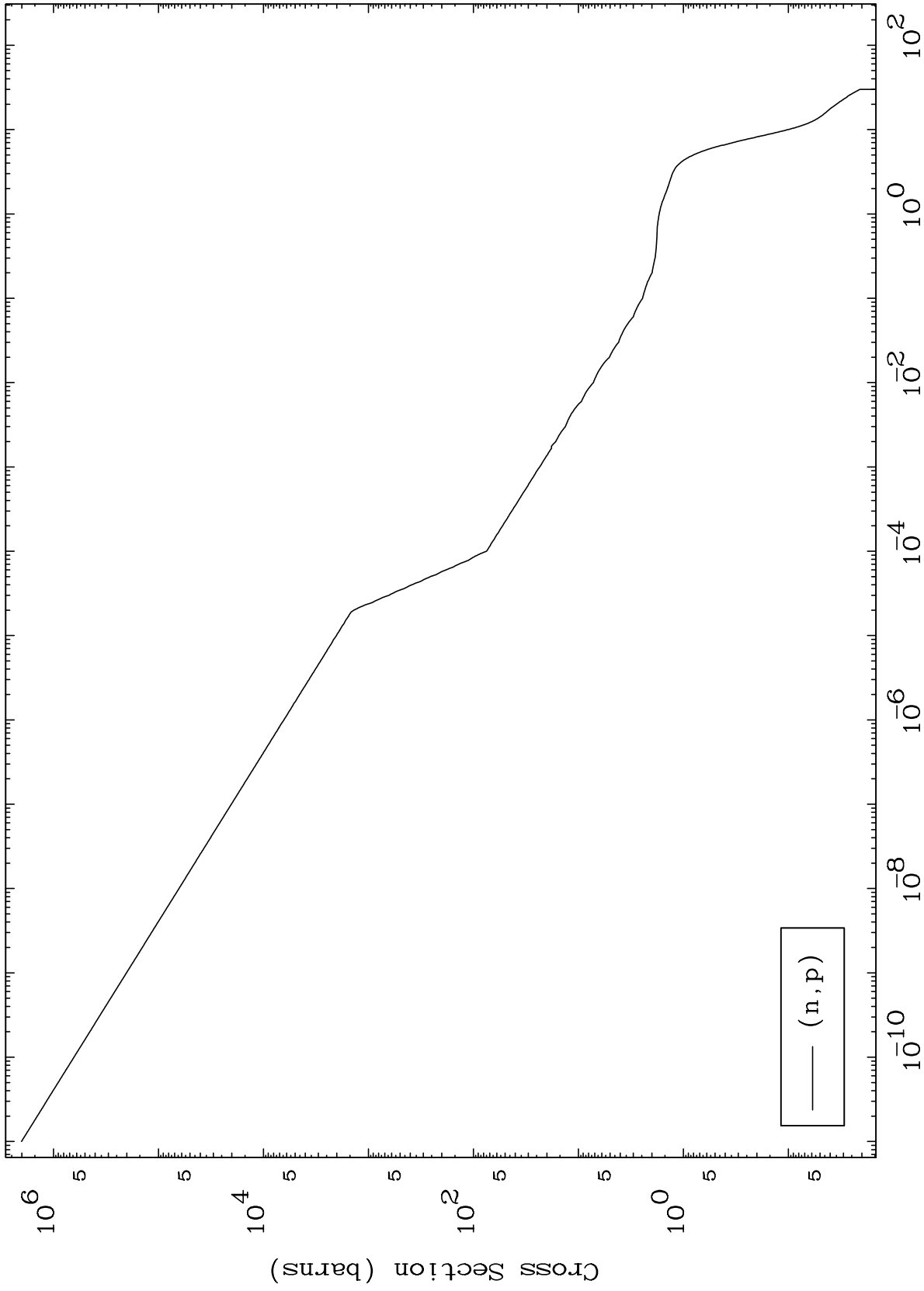
Incident Energy (MeV)

32-Ge-65

MAT 3210

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-65

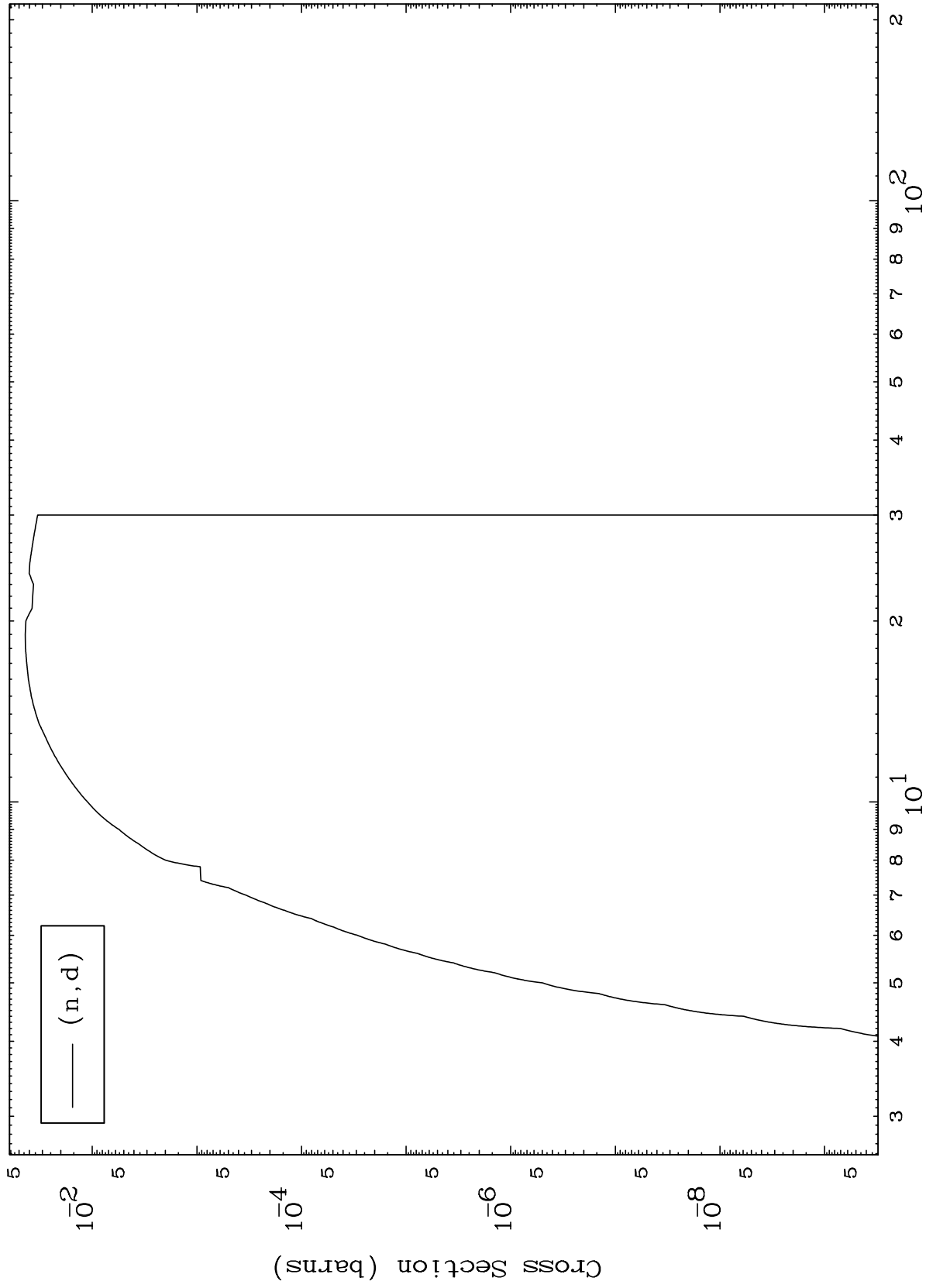


— (n, p)

MAT 3210

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-65



8

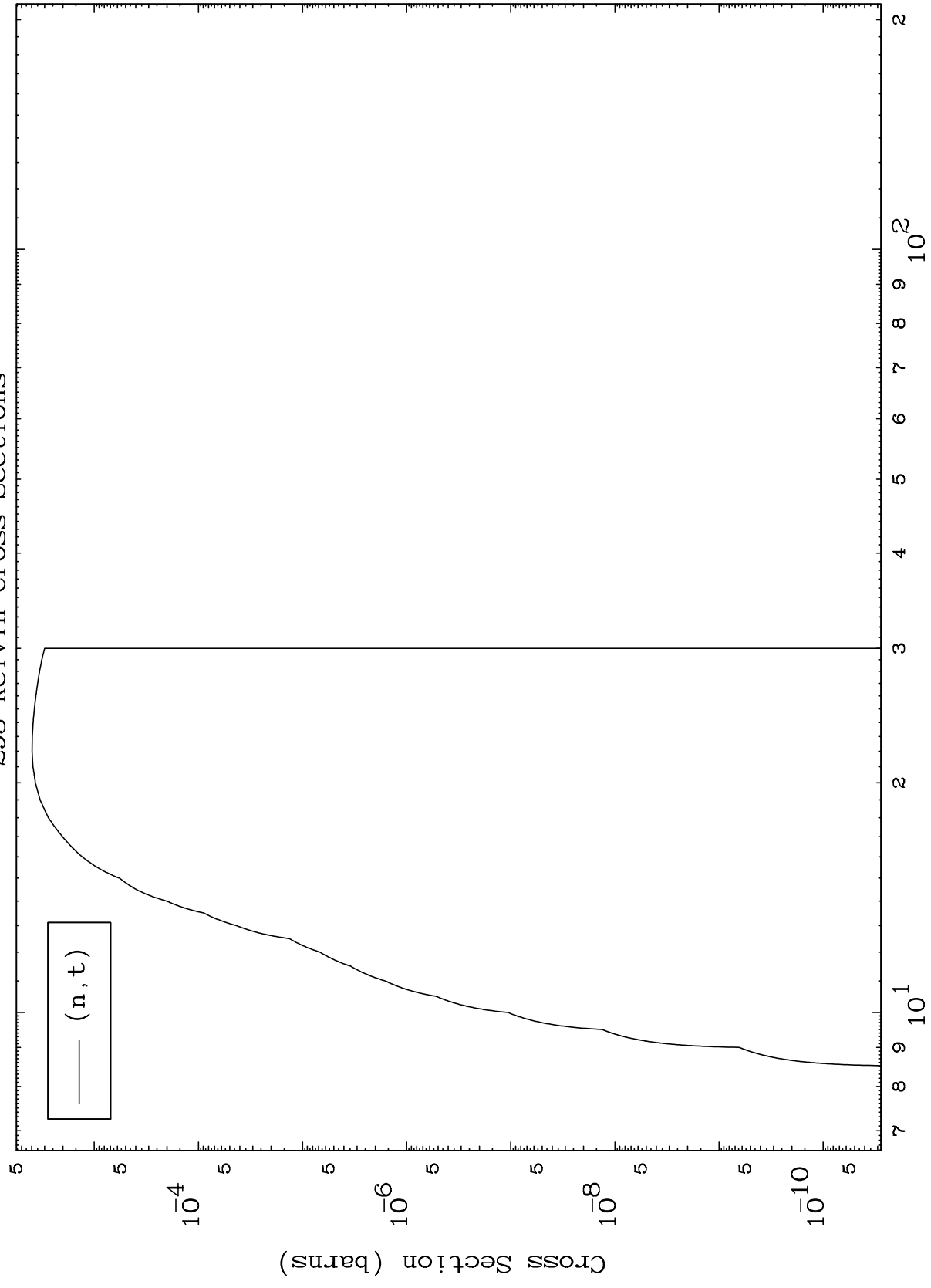
Incident Energy (MeV)

32-Ge-65

MAT 3210

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-65



9

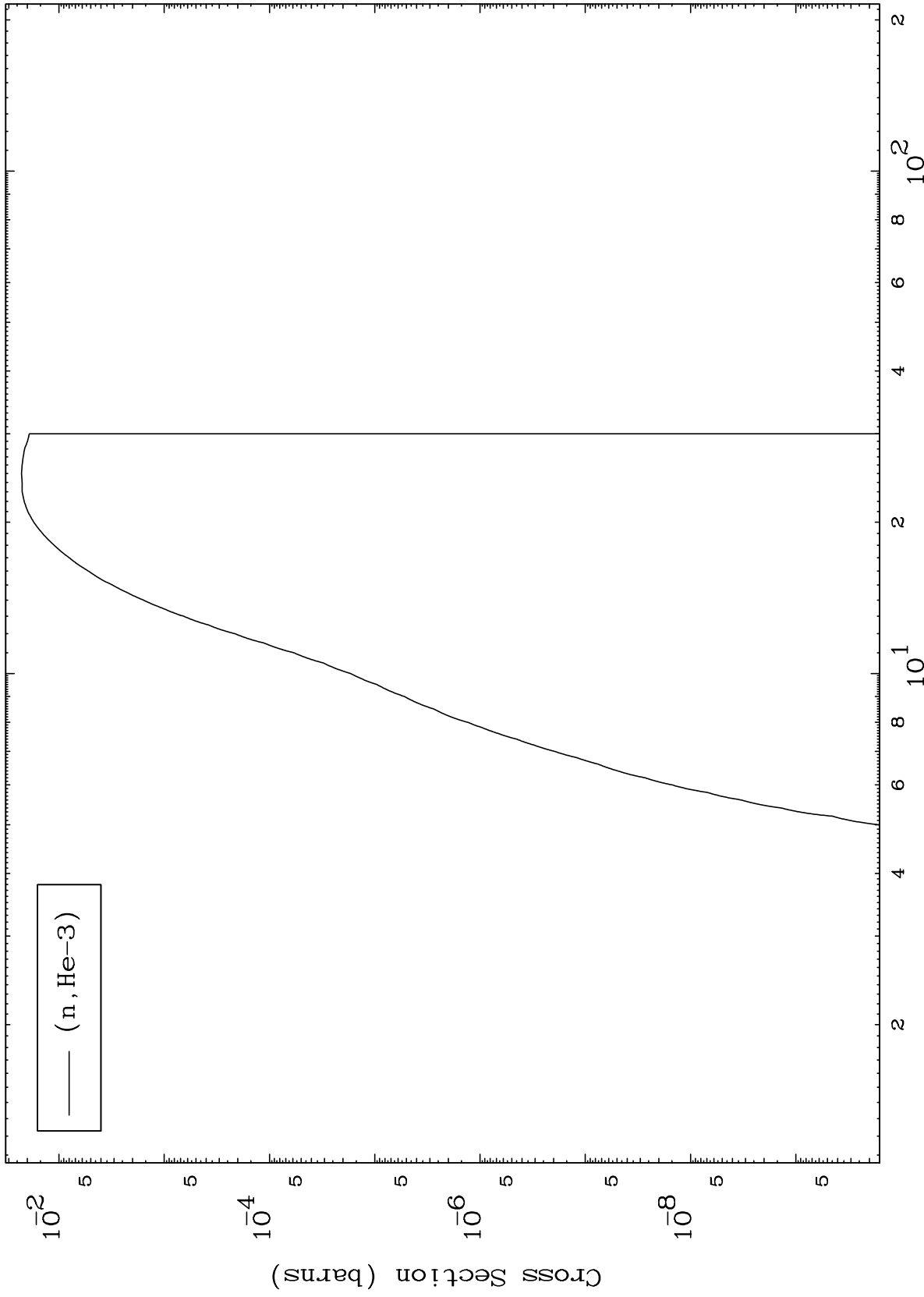
Incident Energy (MeV)

32-Ge-65

MAT 3210

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-65



10

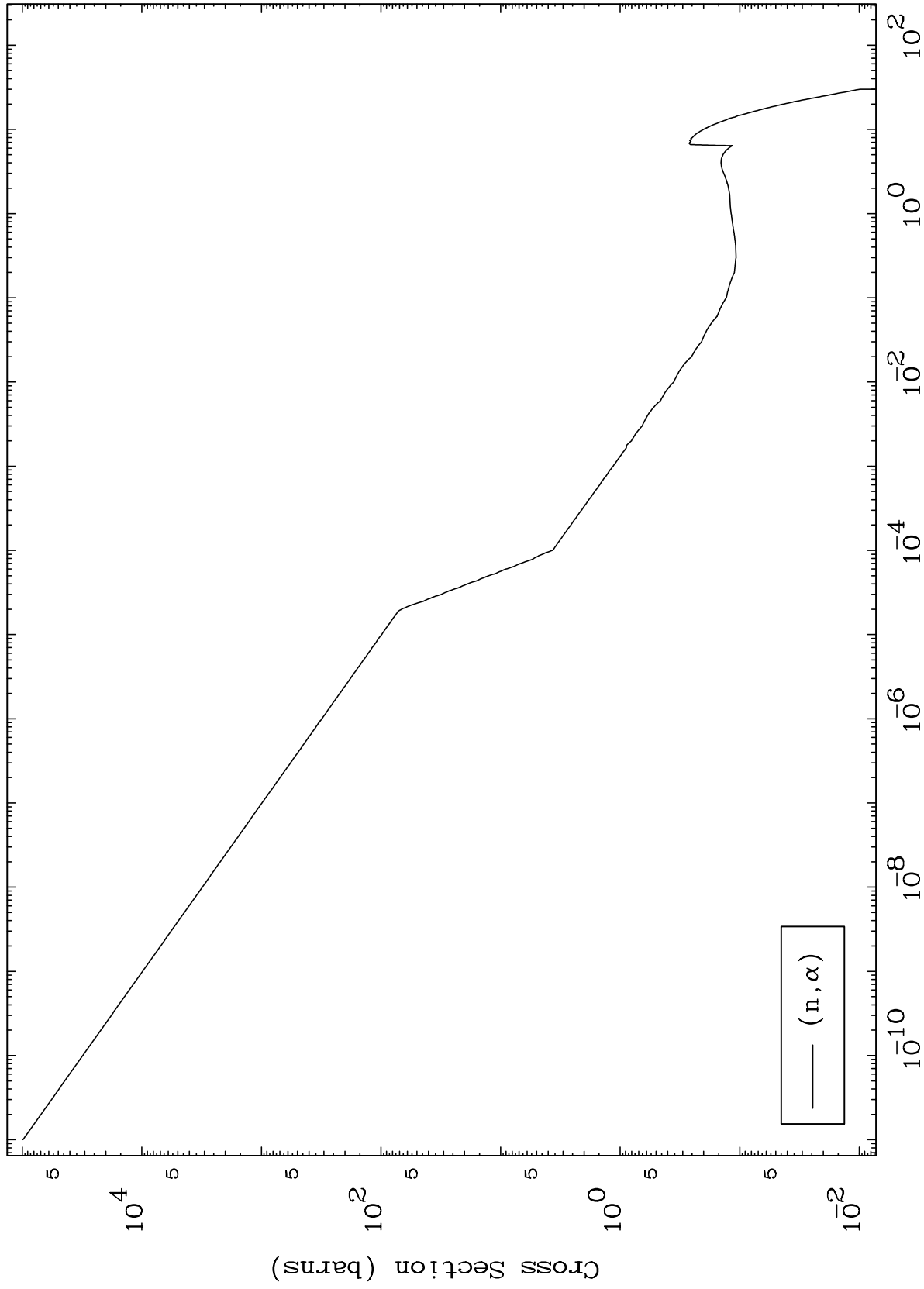
Incident Energy (MeV)

32-Ge-65

MAT 3210

(n,α) Levels
293 Kelvin Cross Sections

32-Ge-65

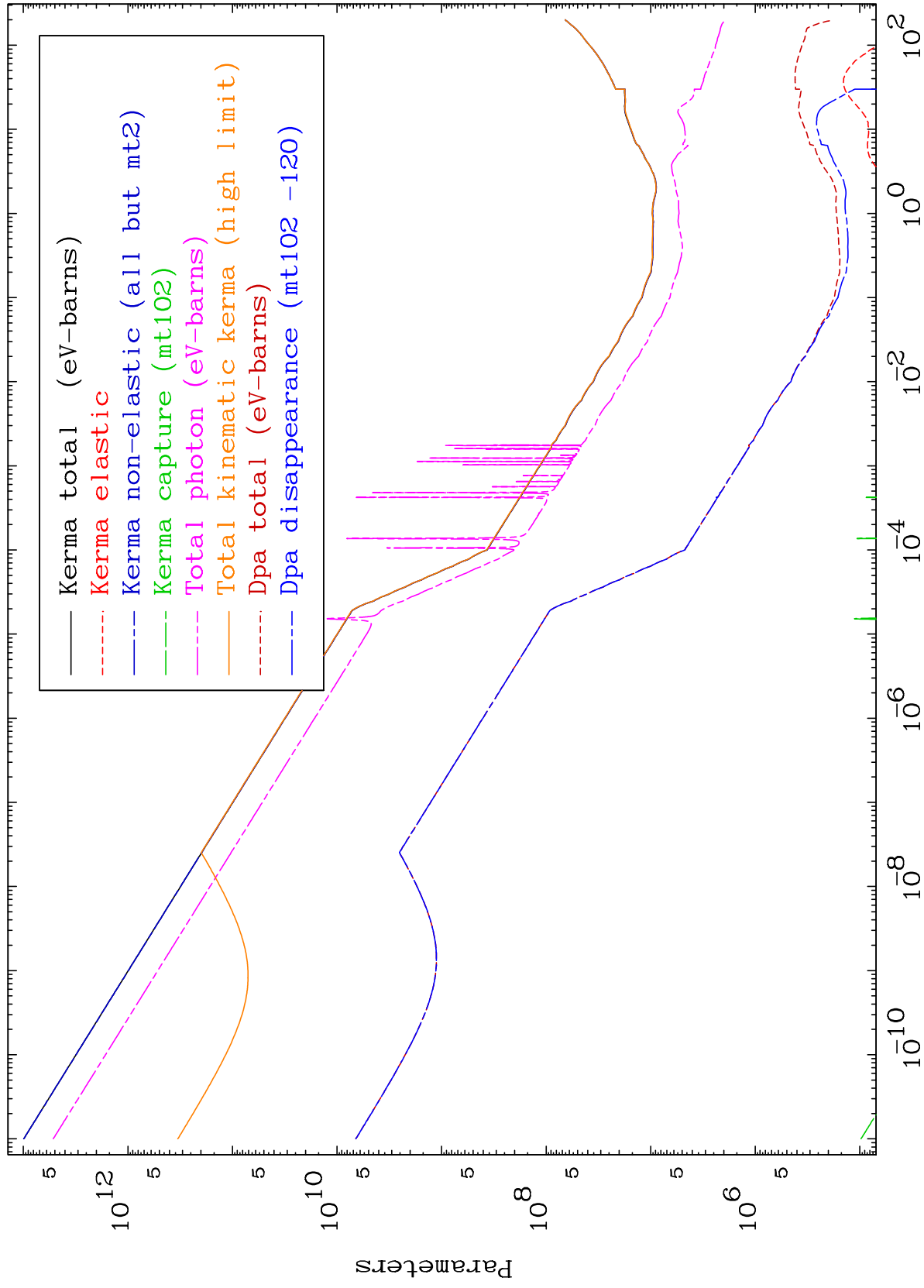


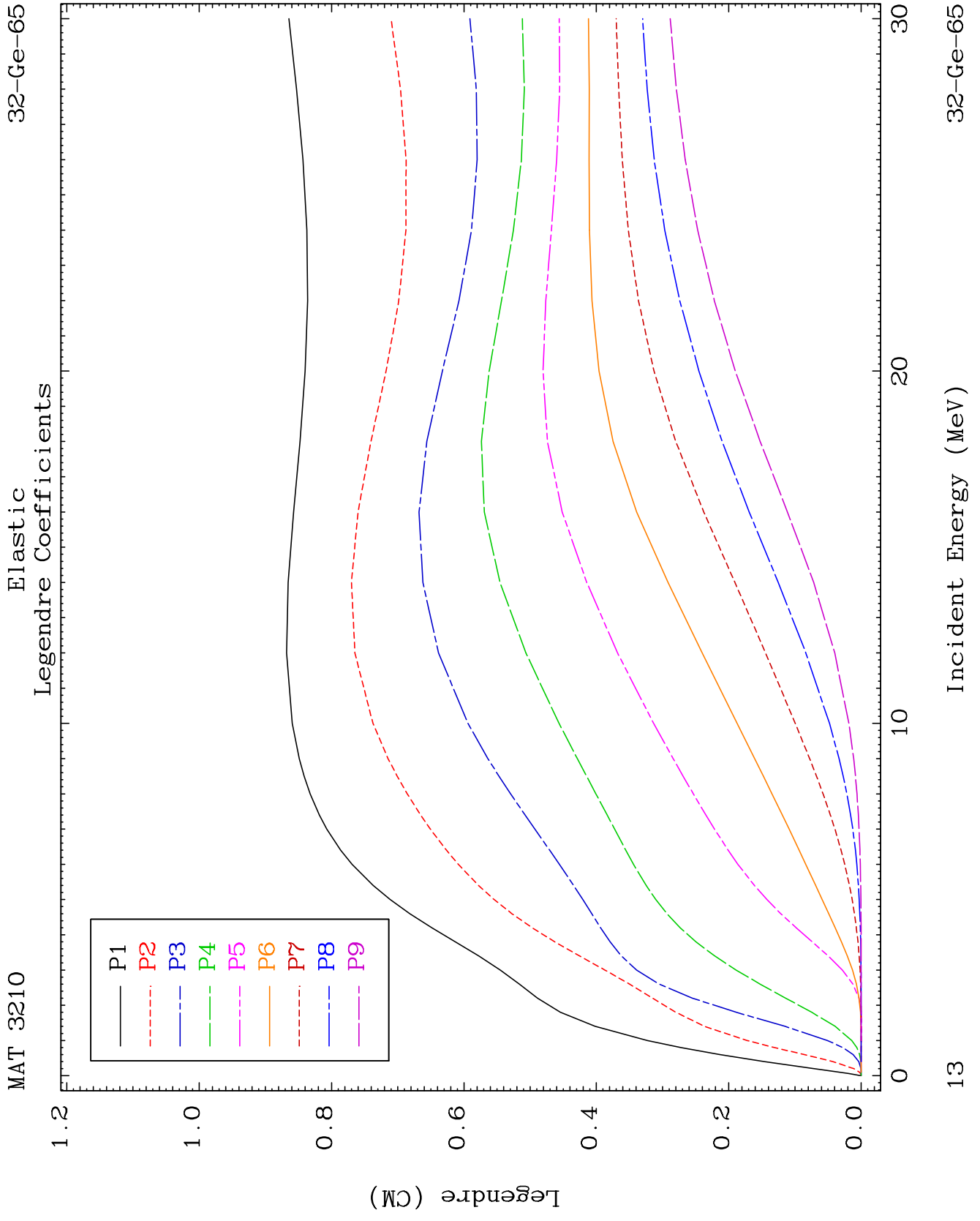
11

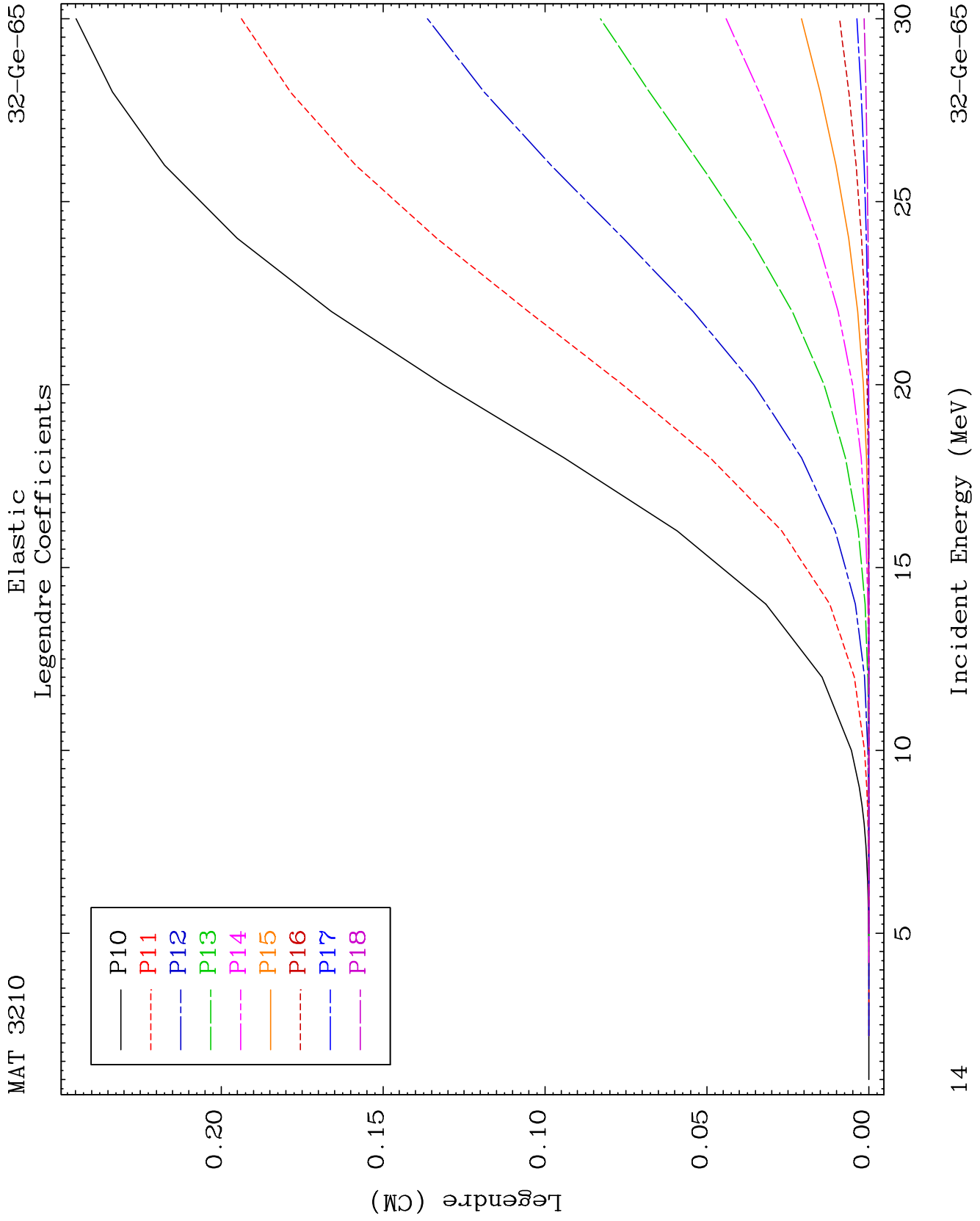
Incident Energy (MeV)

32-Ge-65

— (n,α)



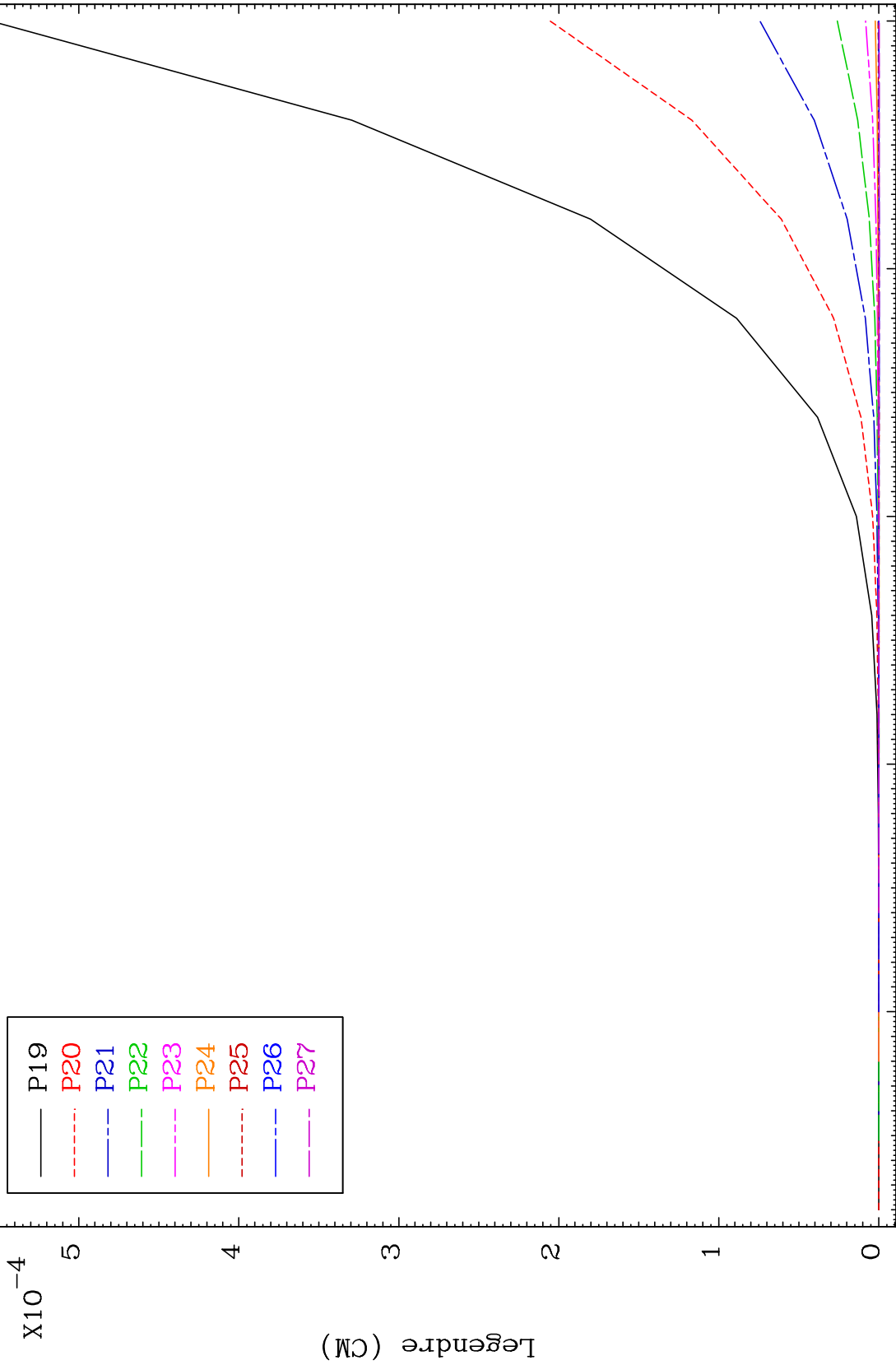
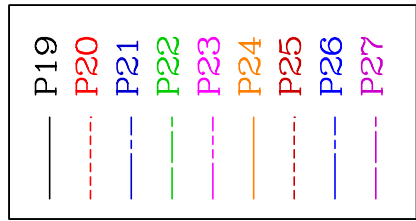




MAT 3210

Elastic Legendre Coefficients

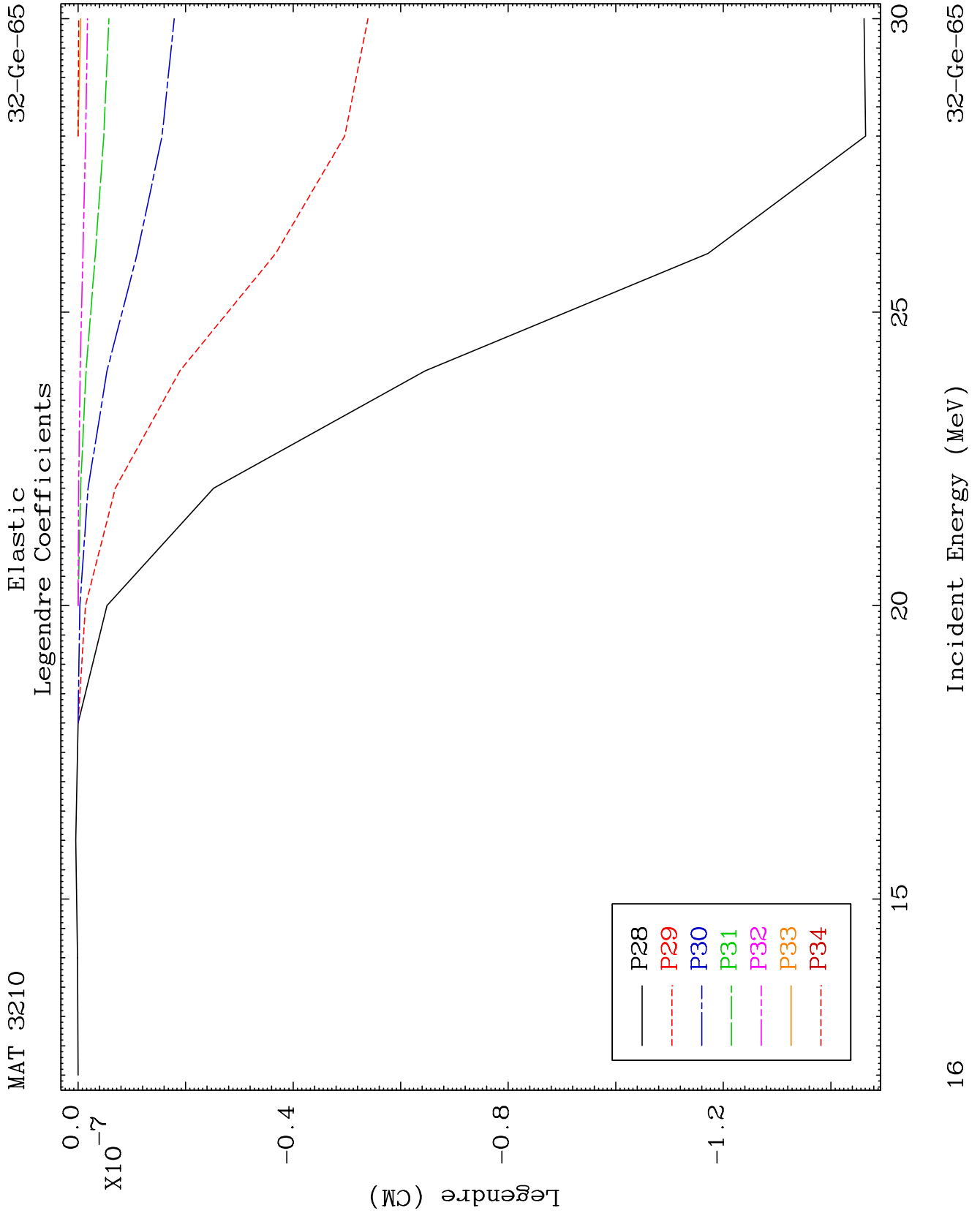
32-Ge-65



15

Incident Energy (MeV)

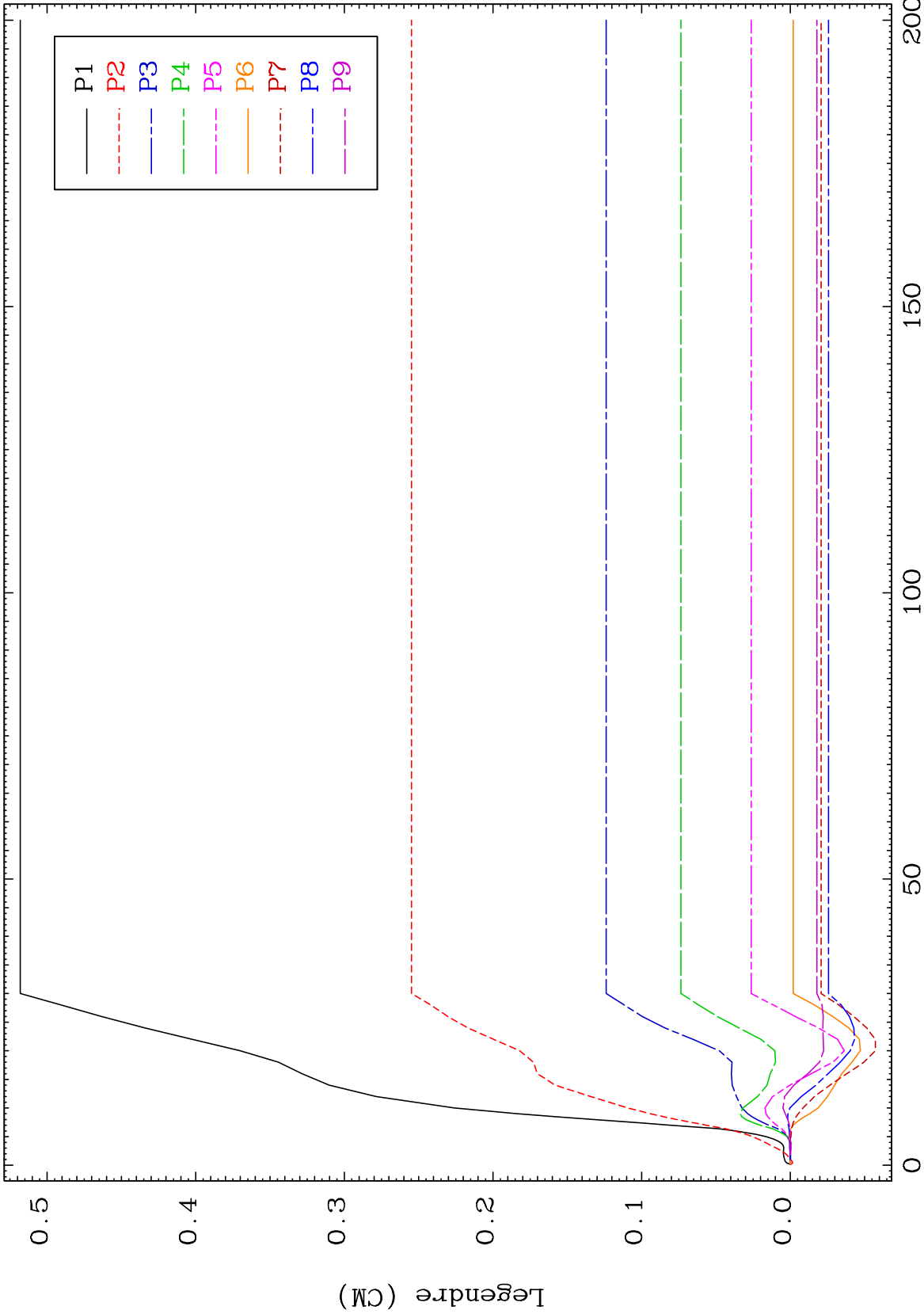
32-Ge-65



MAT 3210

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

32-Ge-65

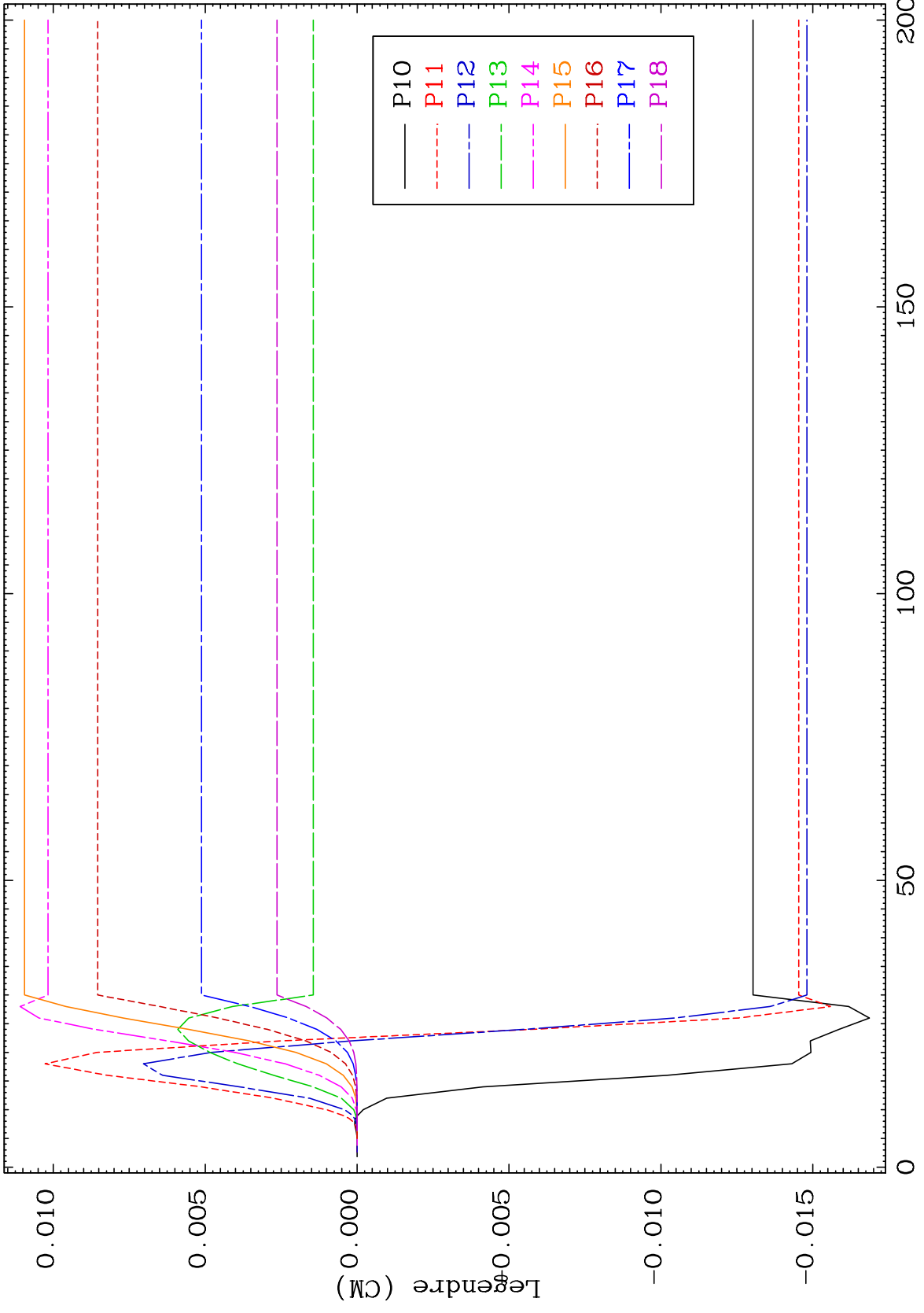


17

Incident Energy (MeV)

32-Ge-65

MAT 3210 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-65

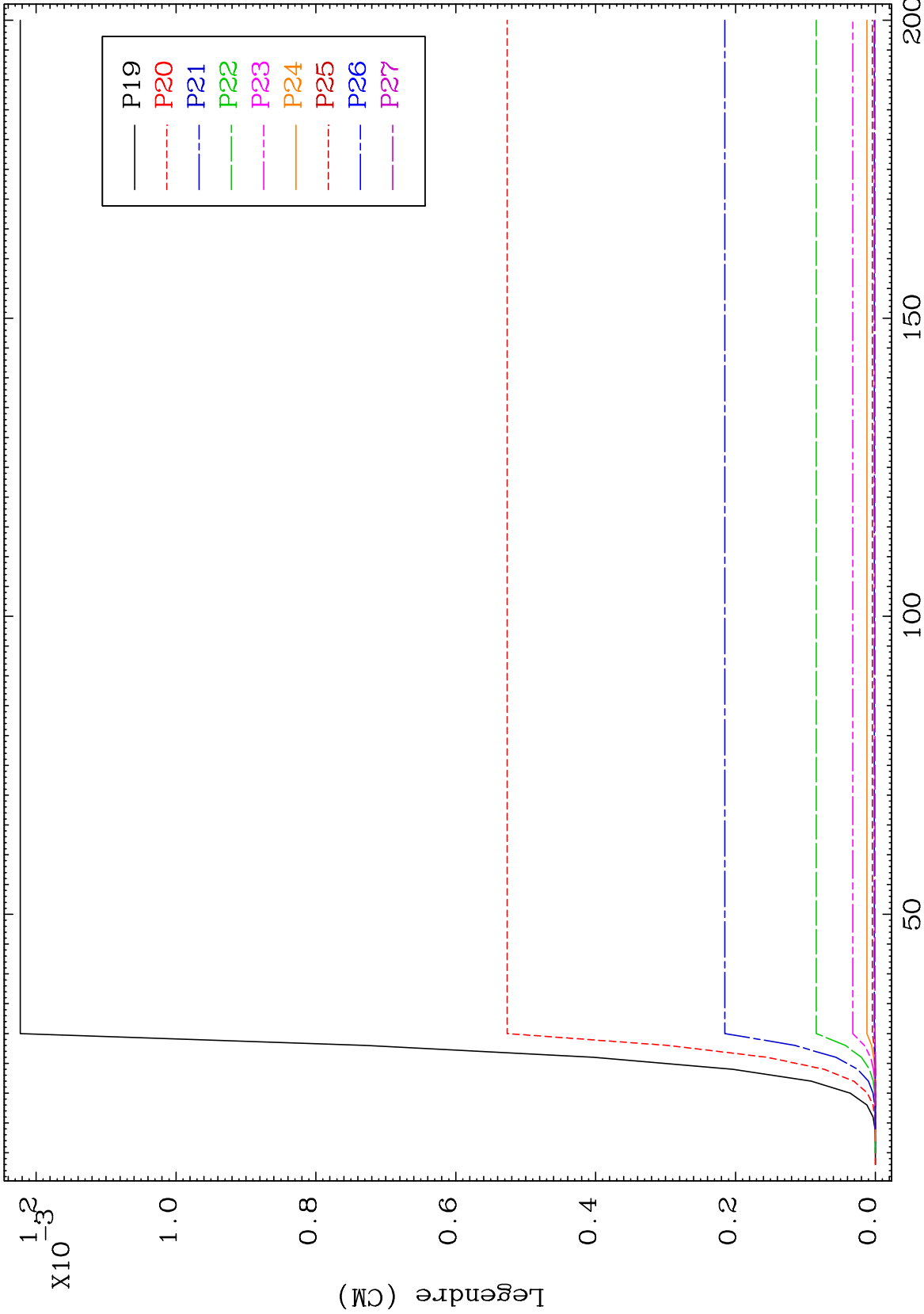


18 32-Ge-65

MAT 3210

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

32-Ge-65

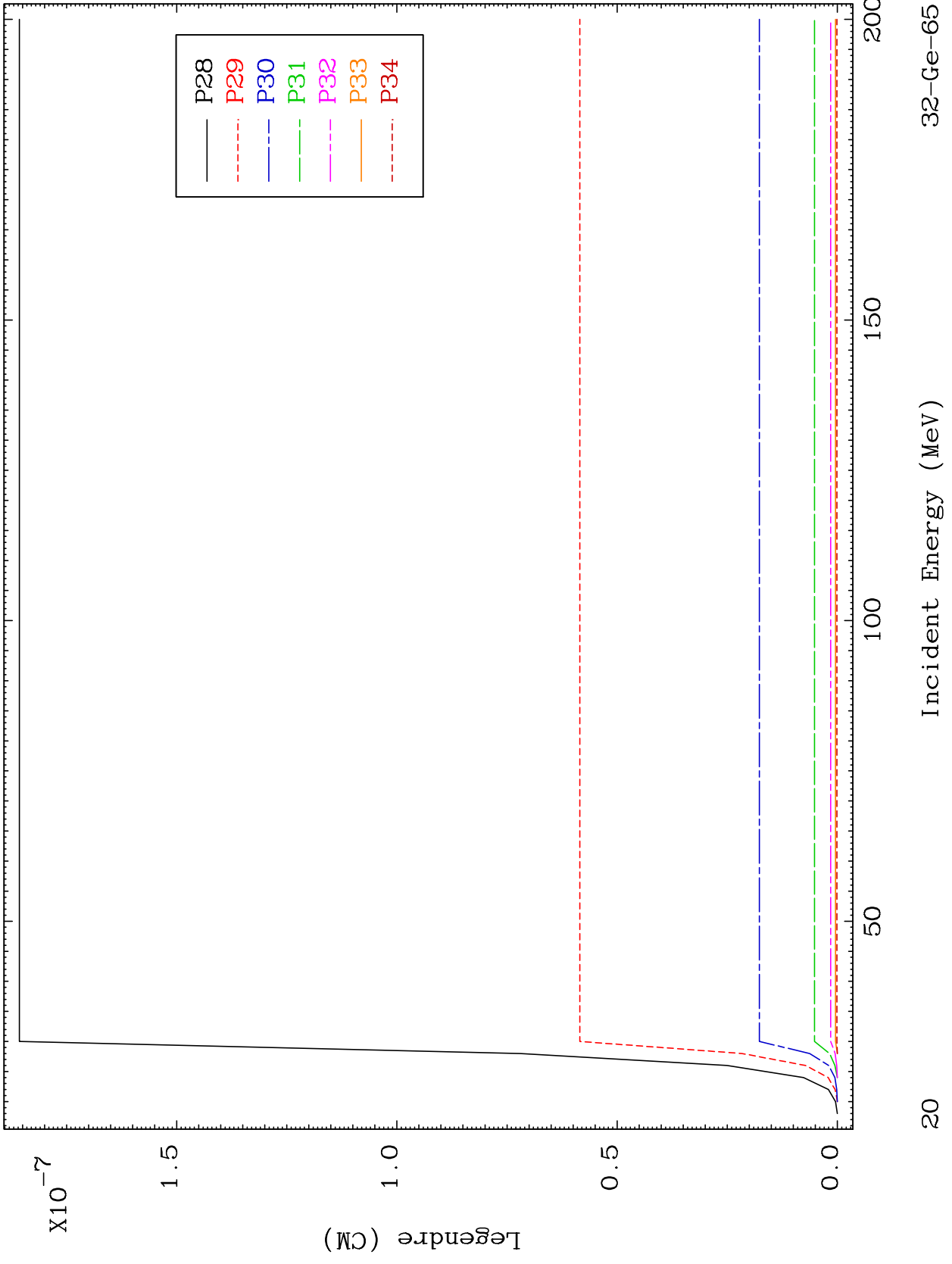


19

Incident Energy (MeV)

32-Ge-65

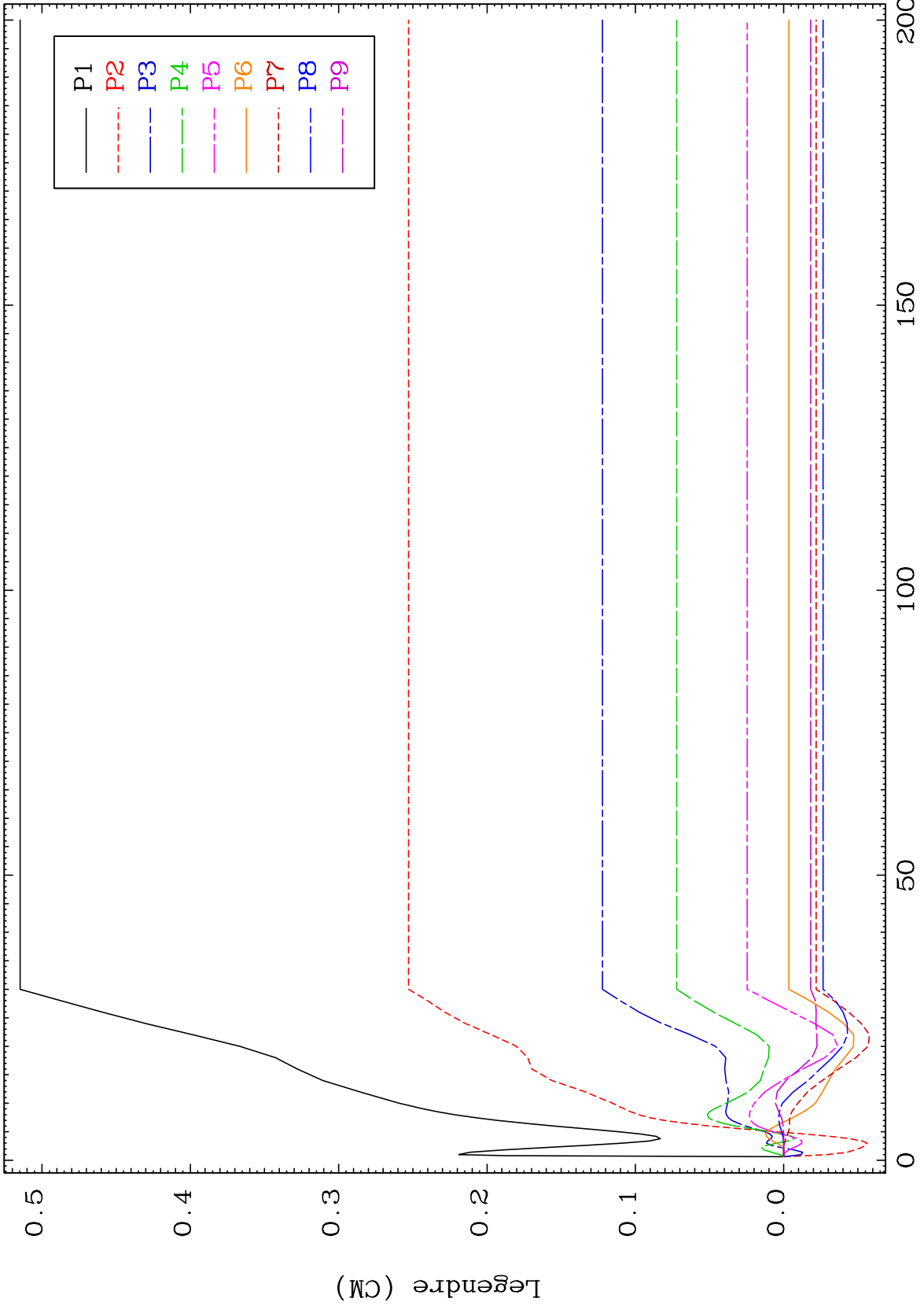
MAT 3210 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-65



MAT 3210

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

32-Ge-65

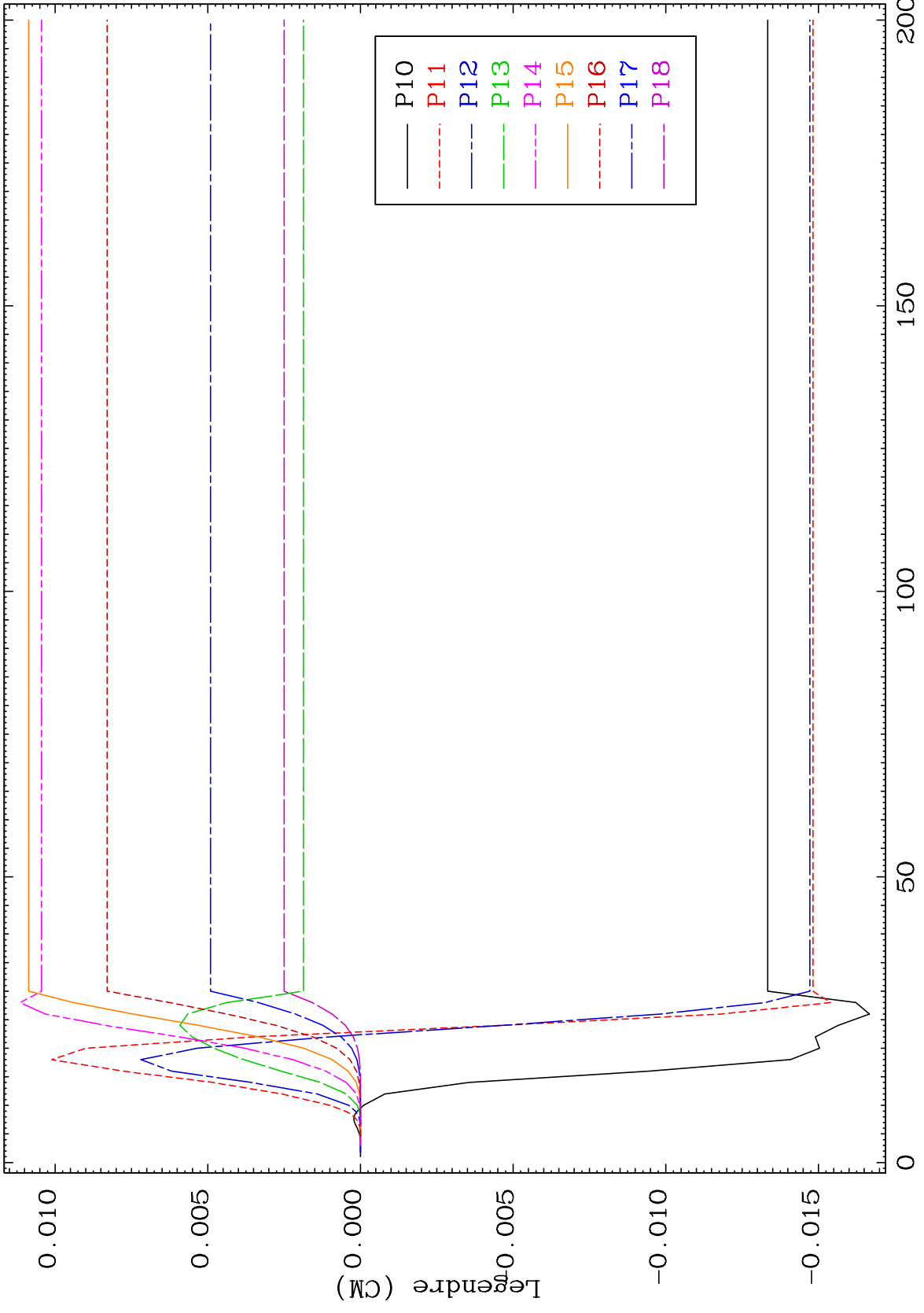


21

Incident Energy (MeV)

32-Ge-65

MAT 3210 MT= 52 (n,n') Level Legendre Coefficients 32-Ge-65

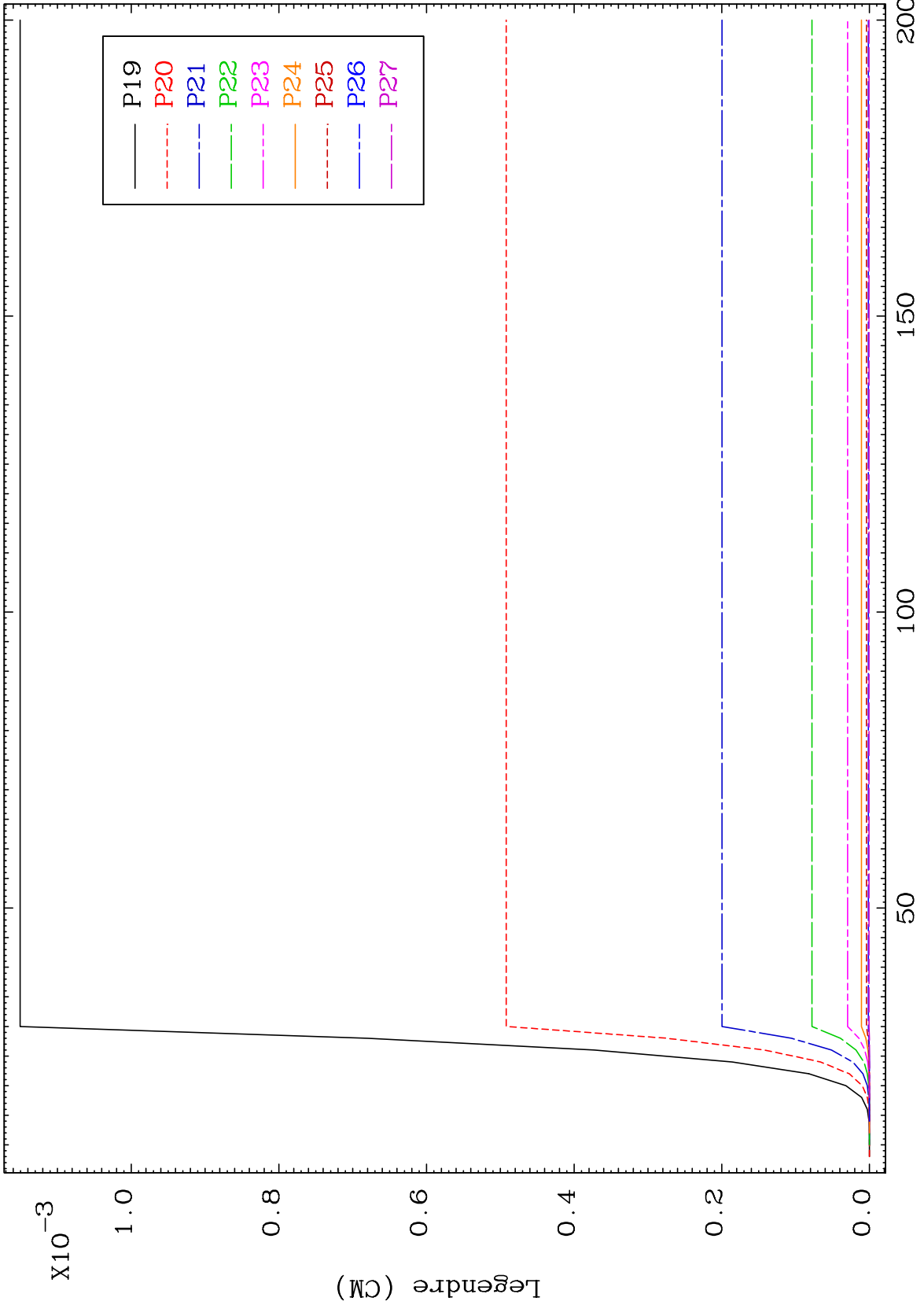


32-Ge-65

MAT 3210

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

32-Ge-65

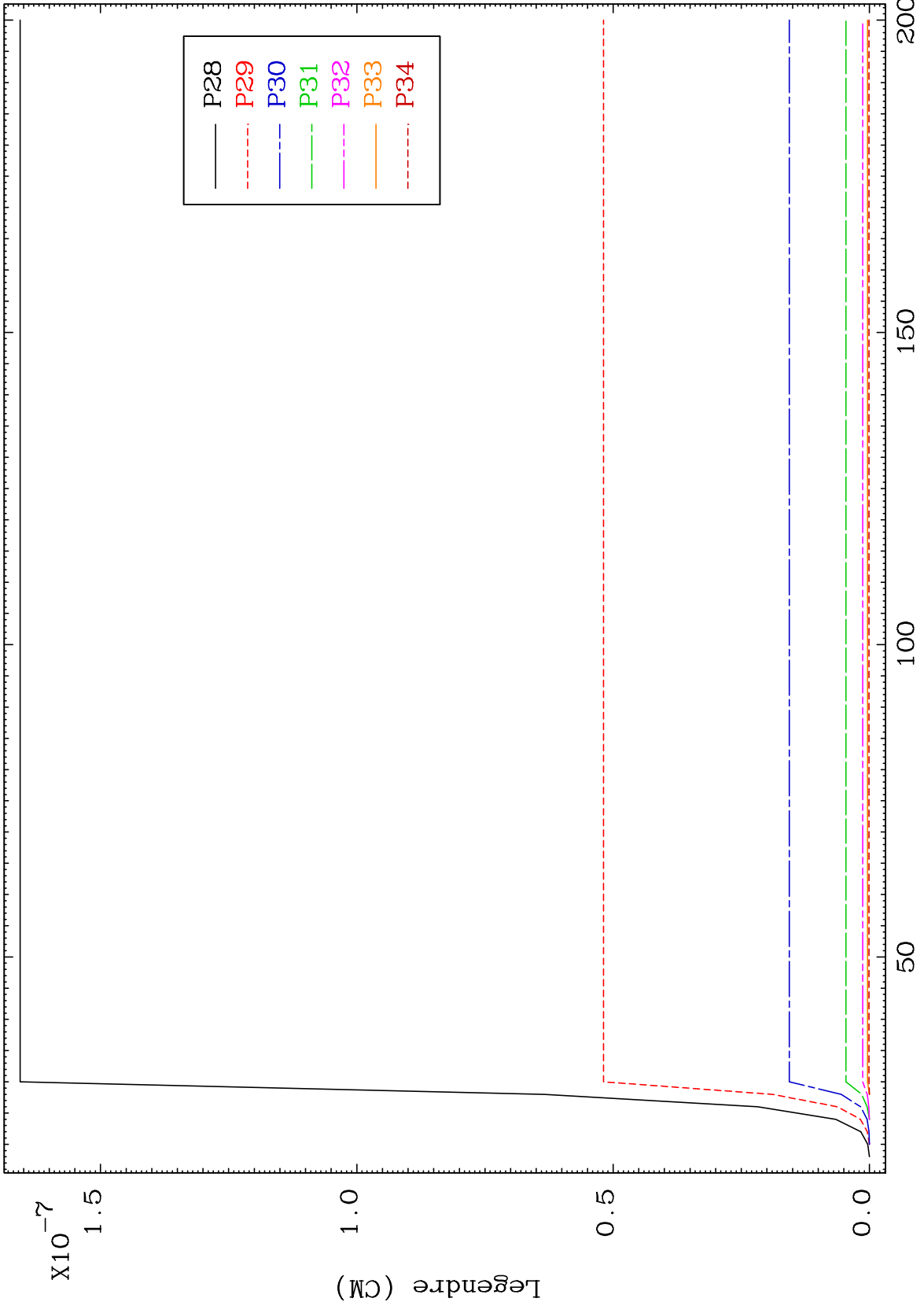


23

Incident Energy (MeV)

32-Ge-65

MAT 3210 MT= 52 (n,n') Level Legendre Coefficients 32-Ge-65

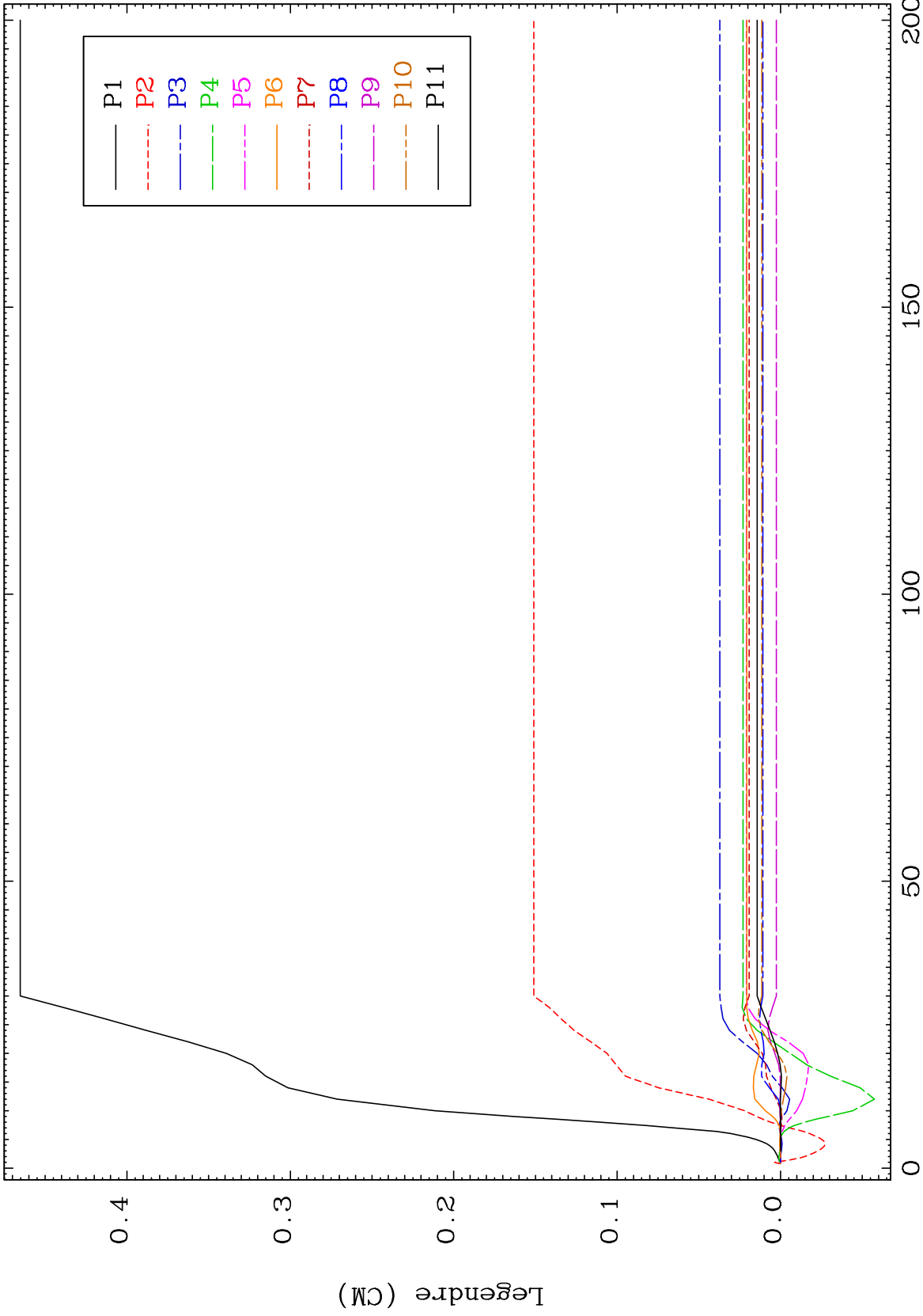


24 50 100 150 200 32-Ge-65

MAT 3210

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

32-Ge-65



25

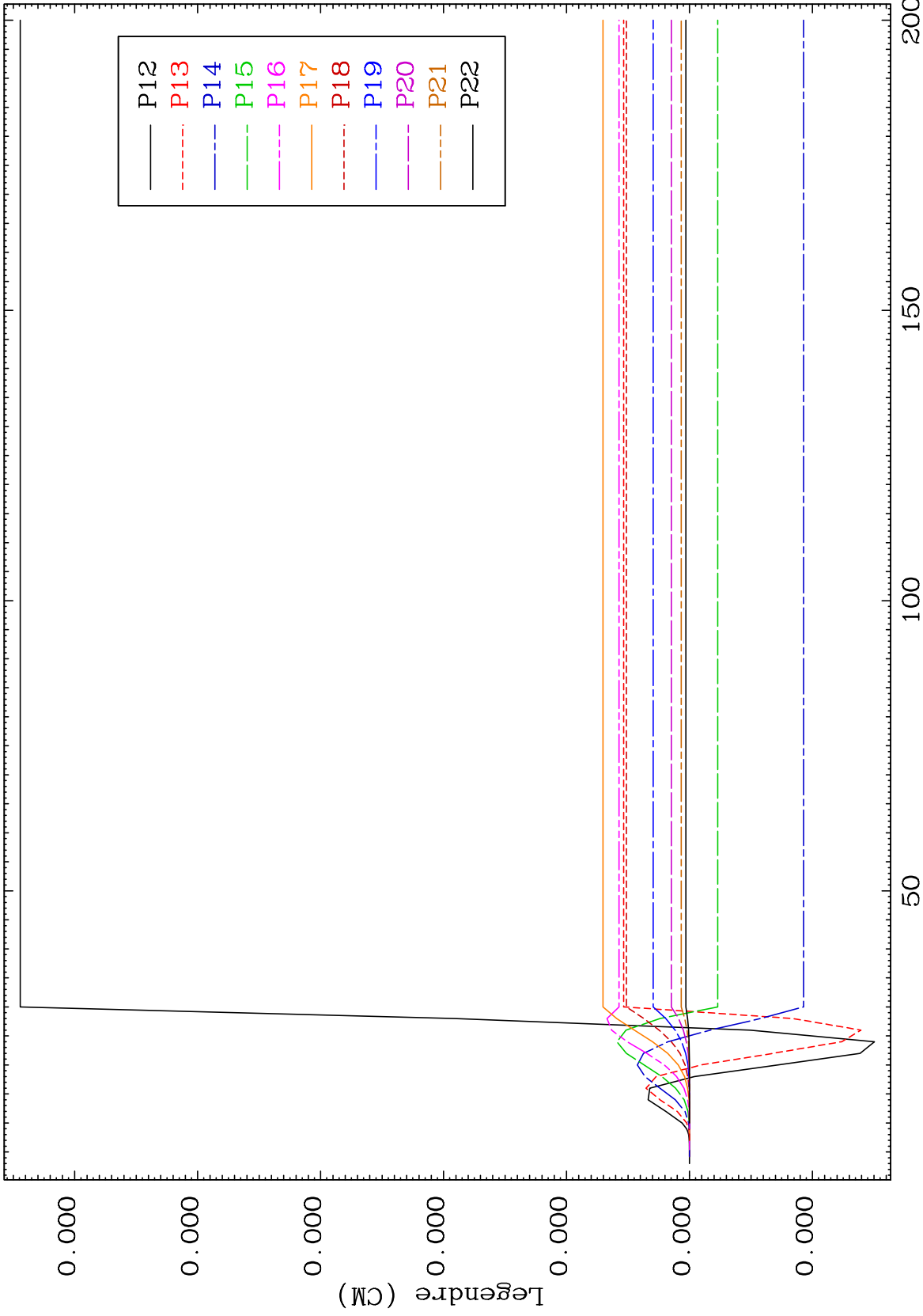
Incident Energy (MeV)

32-Ge-65

MAT 3210

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

32-Ge-65



26

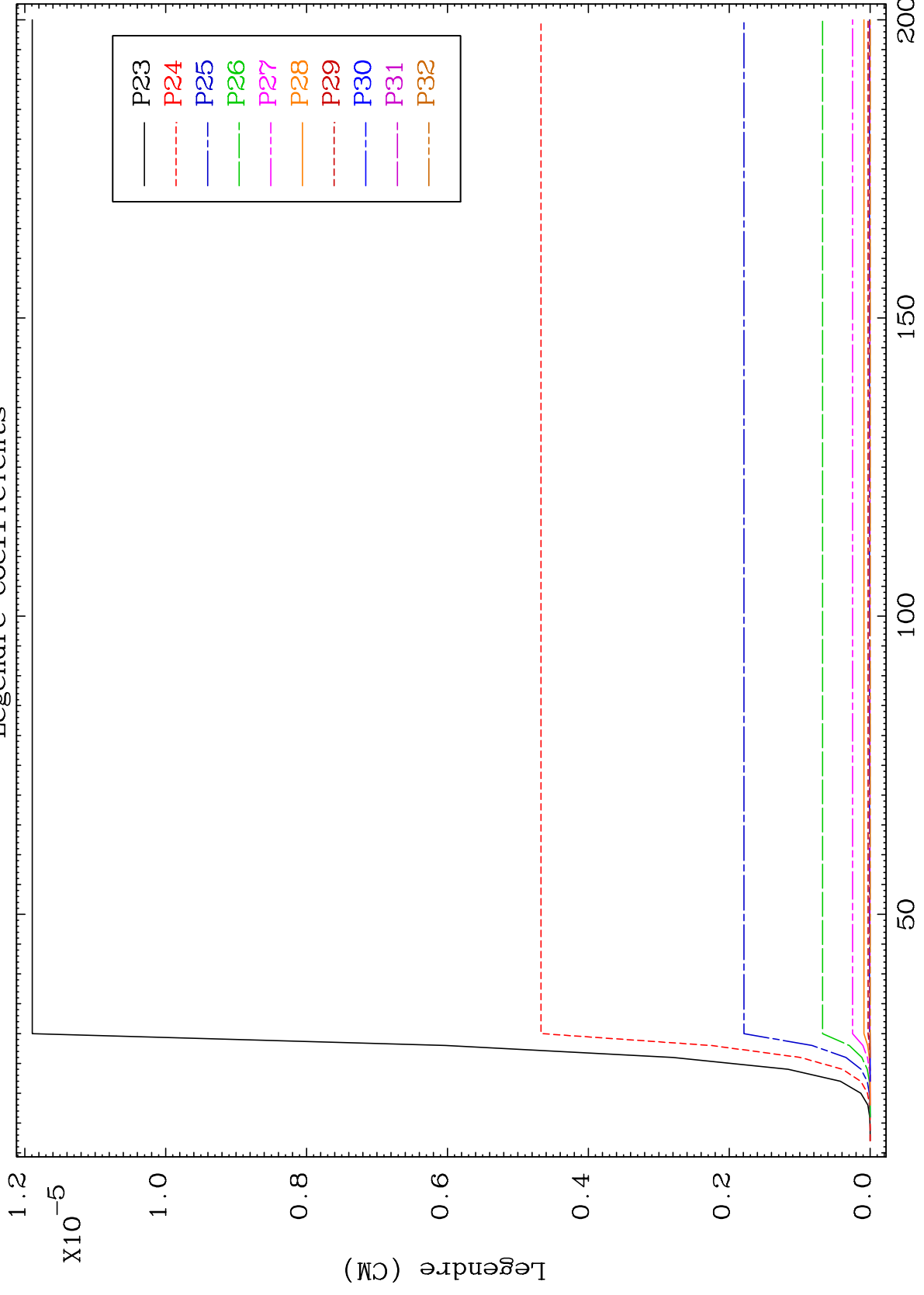
Incident Energy (MeV)

32-Ge-65

MAT 3210

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

32-Ge-65



32-Ge-65

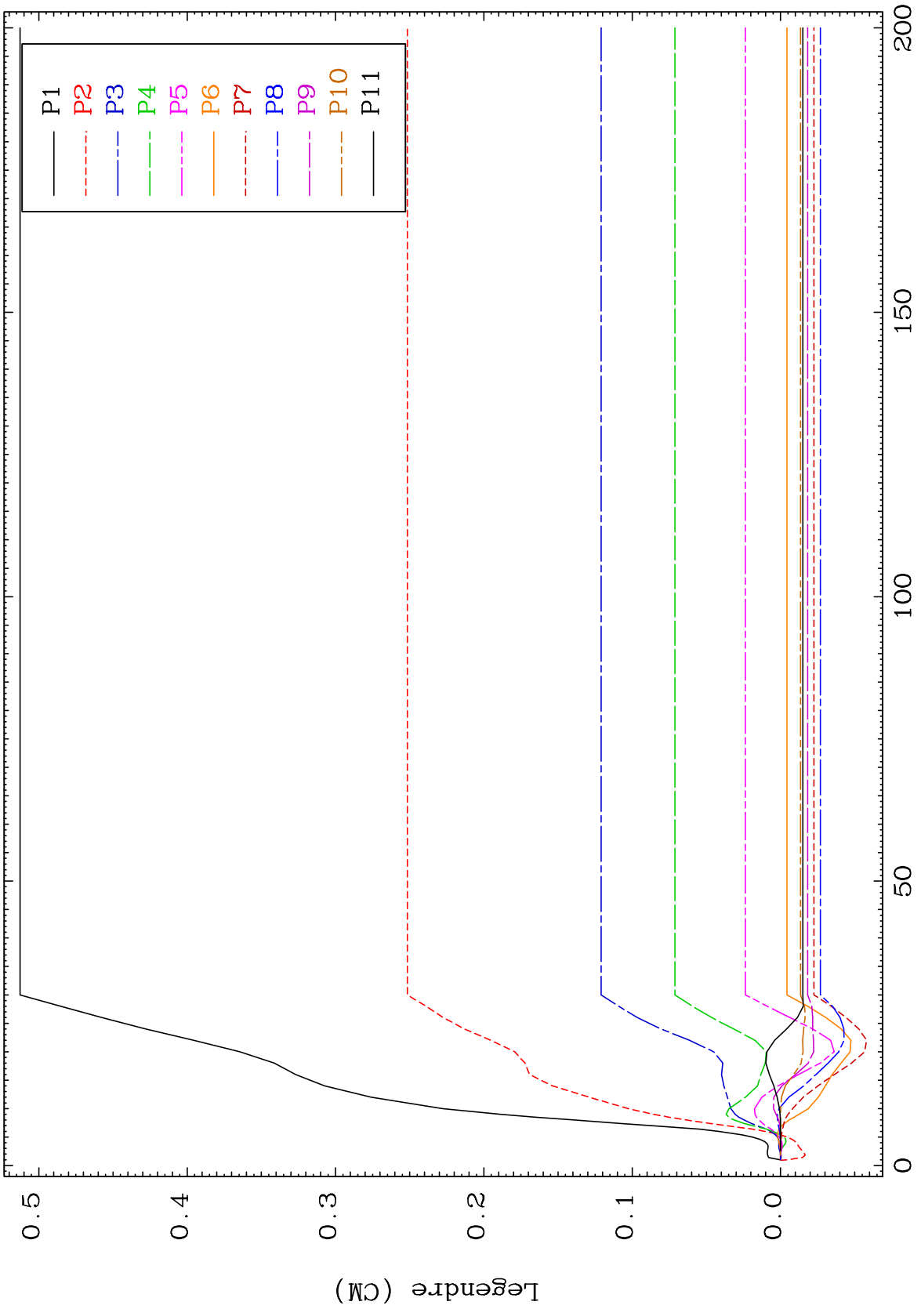
Incident Energy (MeV)

27

MAT 3210

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

32-Ge-65



28

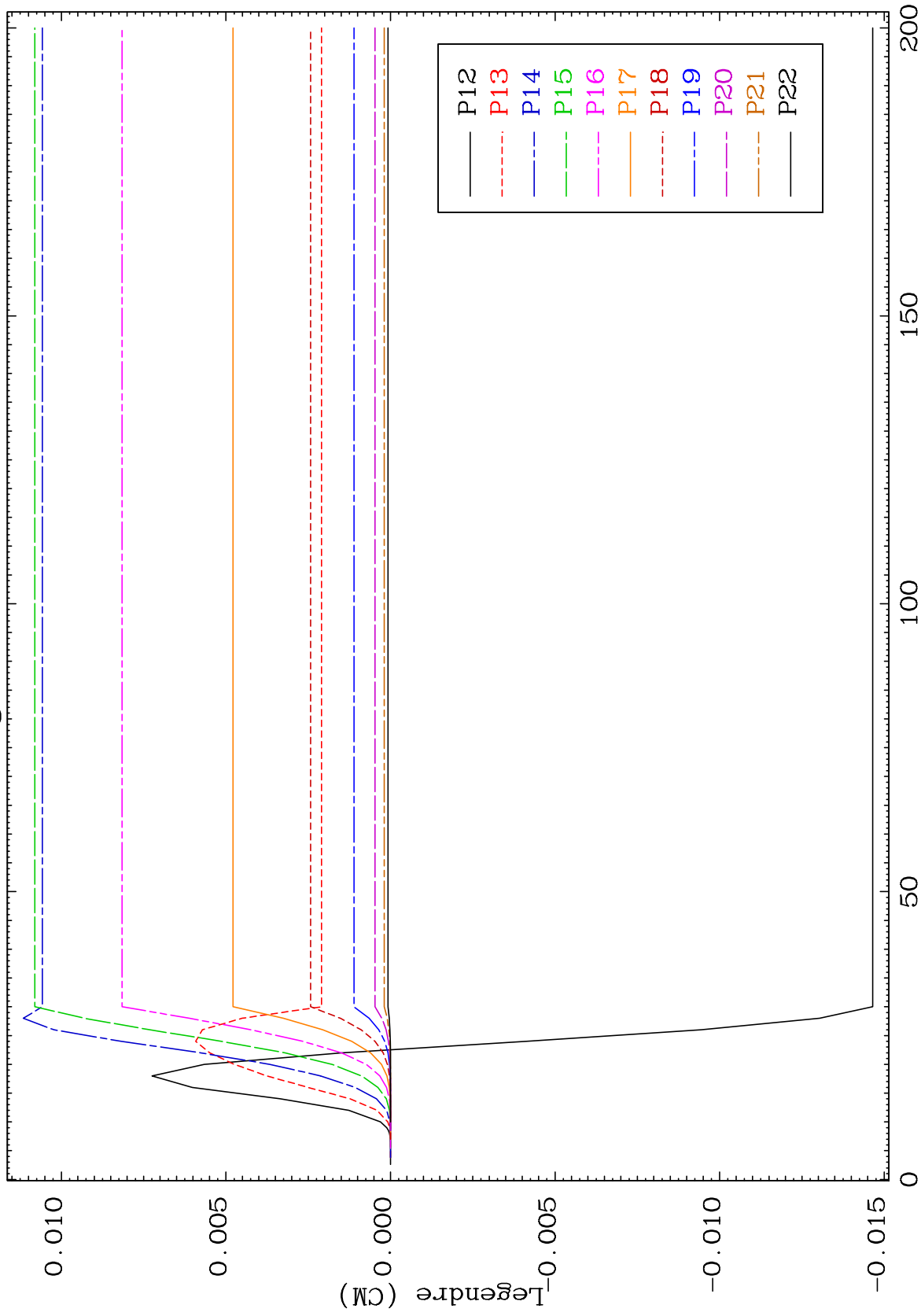
Incident Energy (MeV)

32-Ge-65

MAT 3210

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

32-Ge-65



29

Incident Energy (MeV)

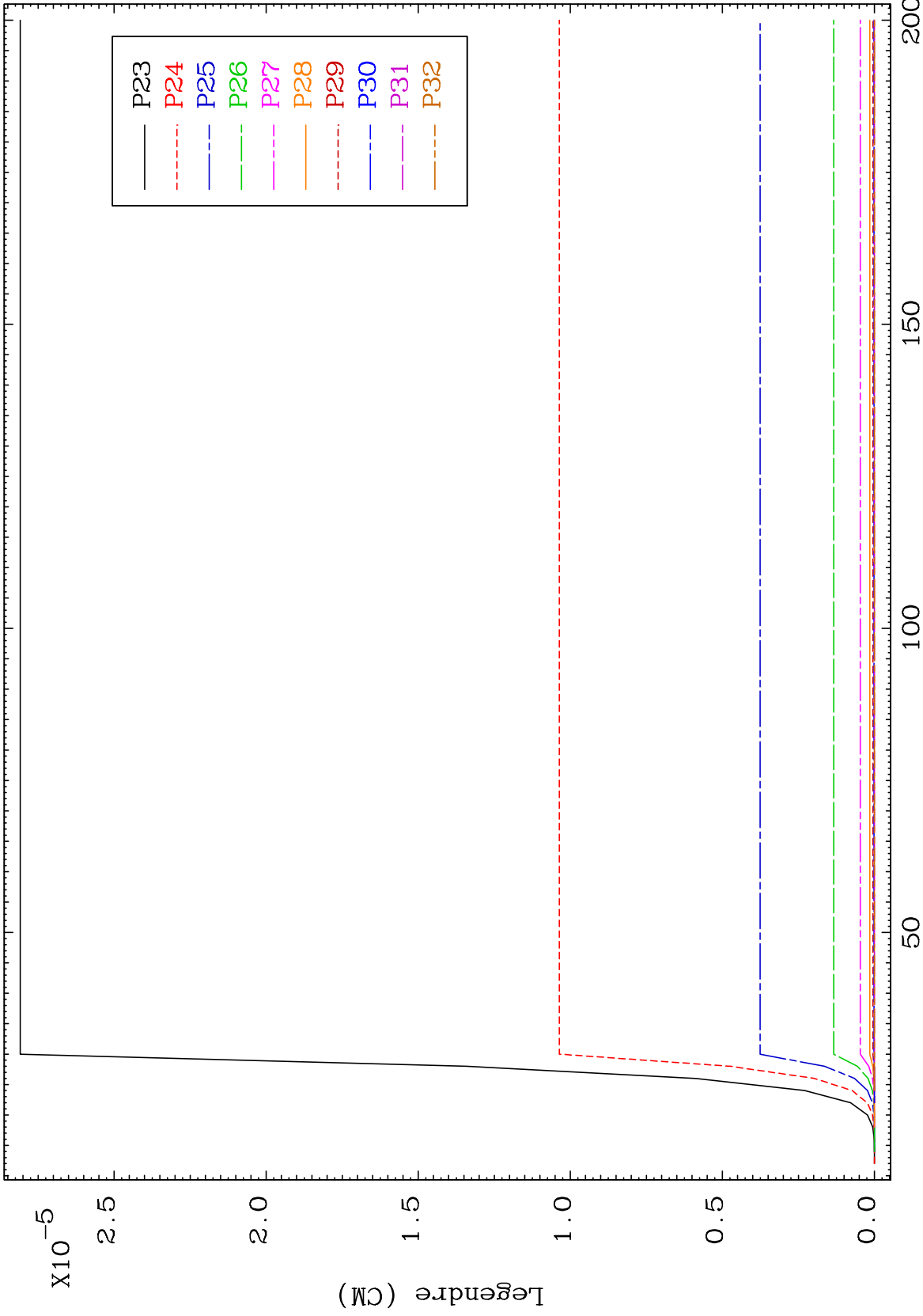
32-Ge-65

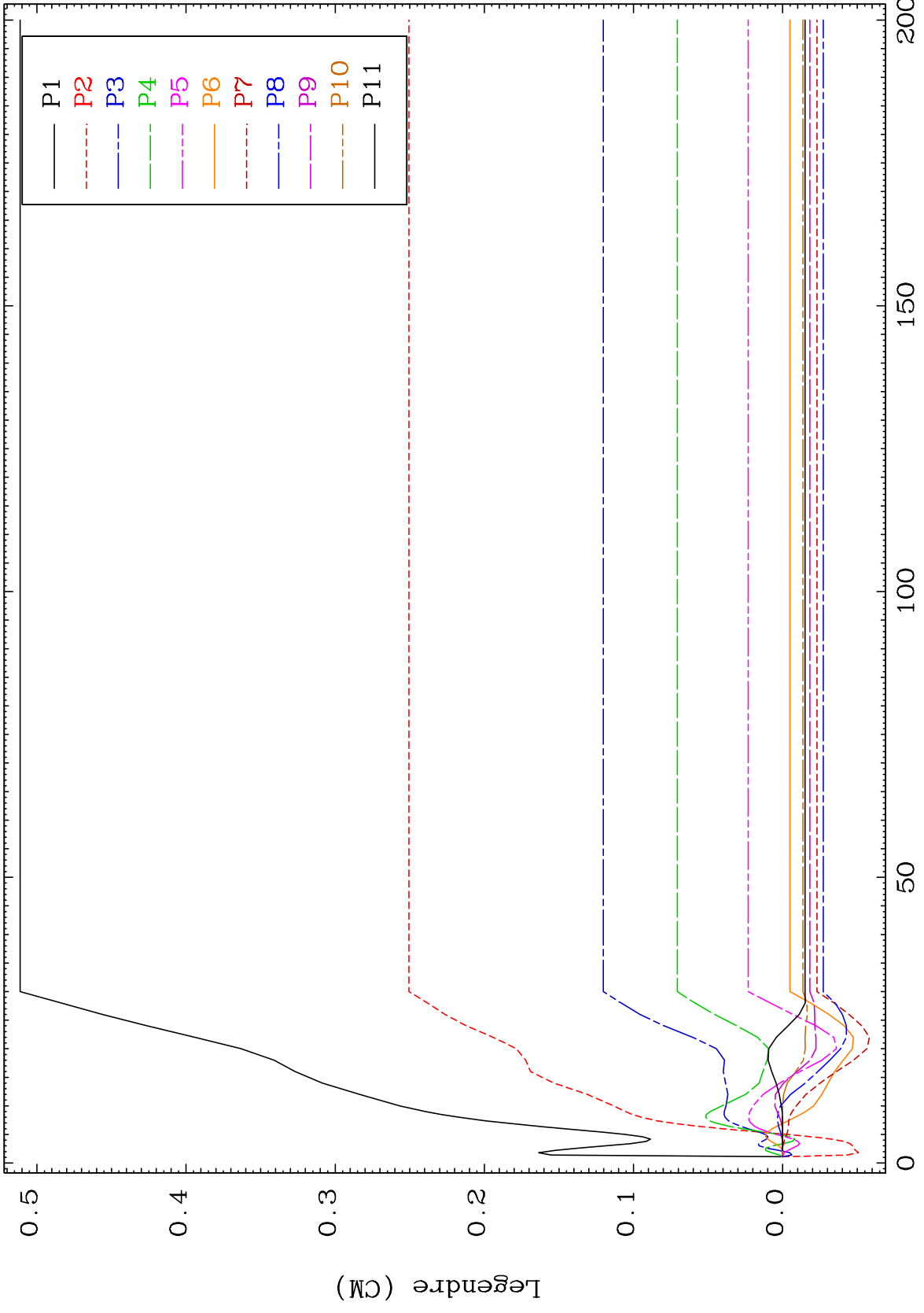
MAT 3210

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

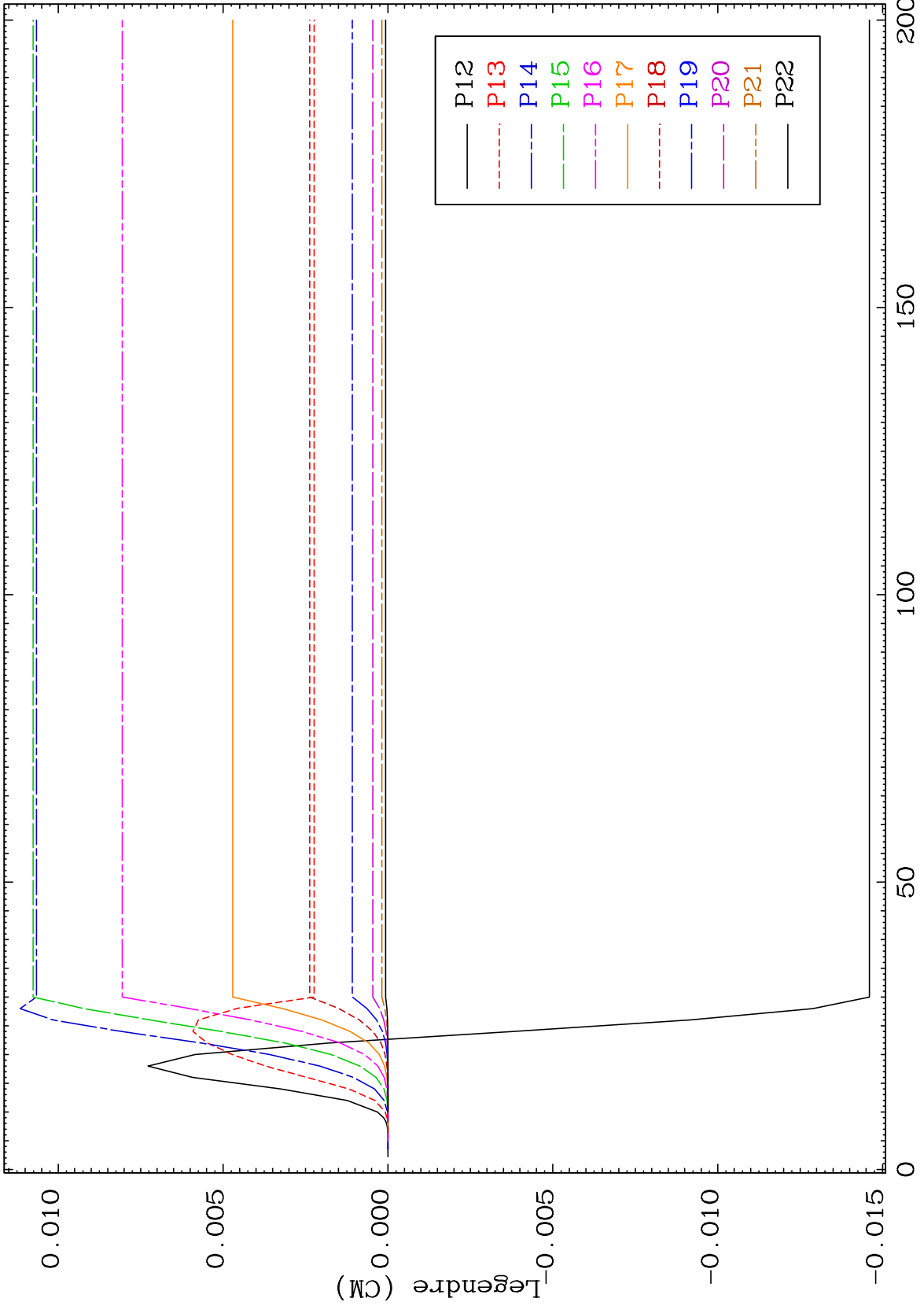
32-Ge-65

32-Ge-65





MAT 3210 MT= 55 (n,n') Level Legendre Coefficients 32-Ge-65

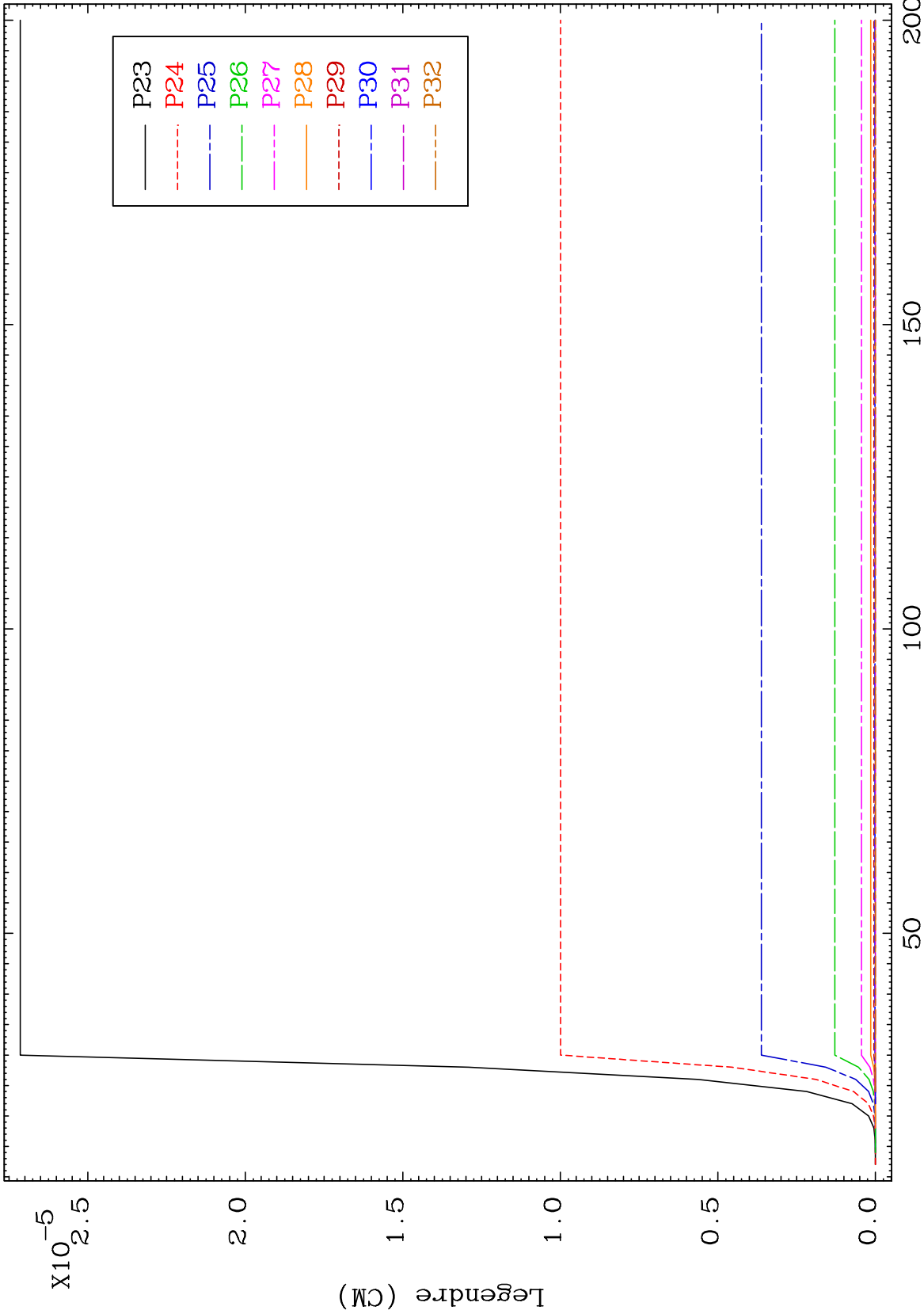


32 32-Ge-65

MAT 3210

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

32-Ge-65



33

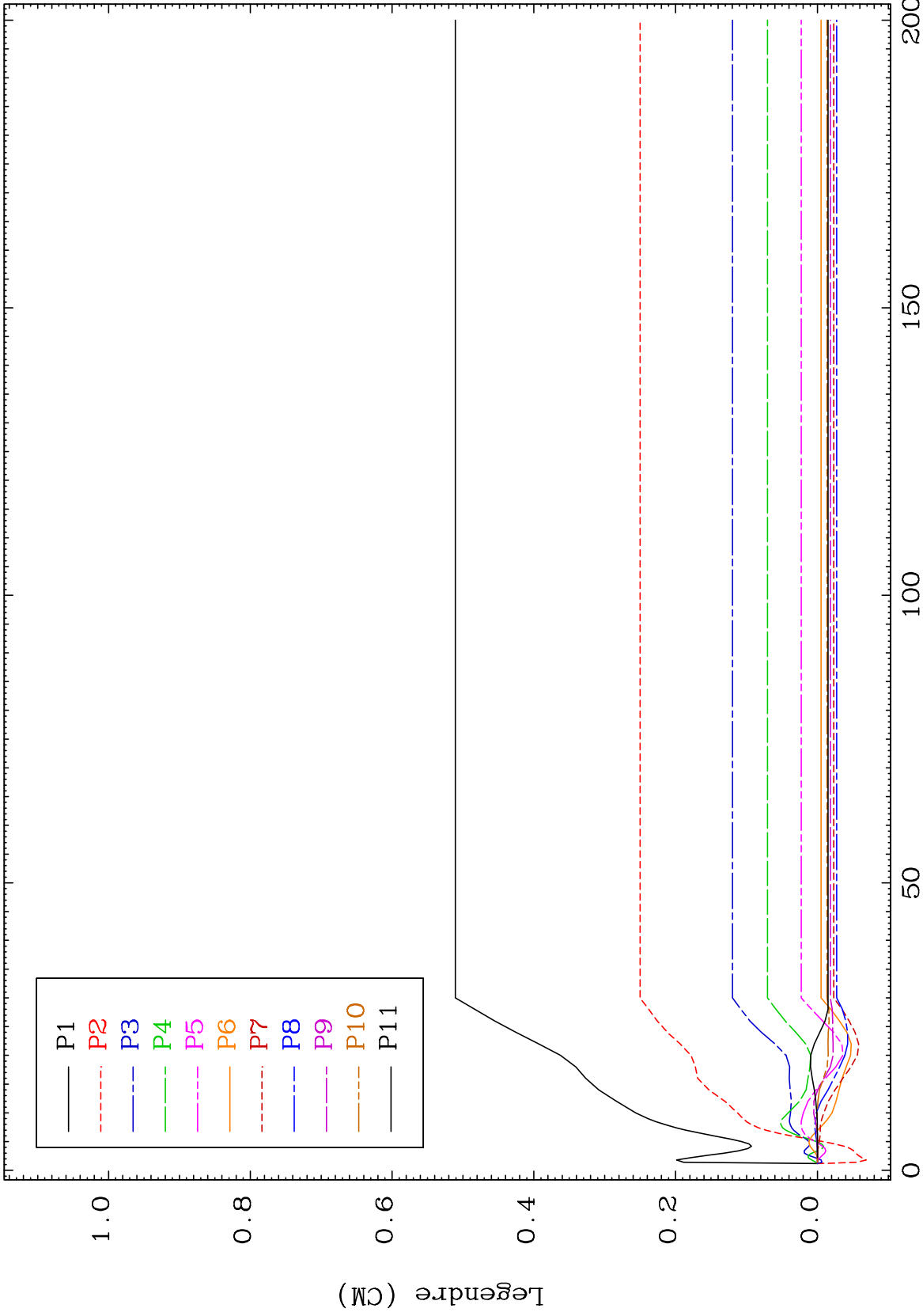
Incident Energy (MeV)

32-Ge-65

MAT 3210

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

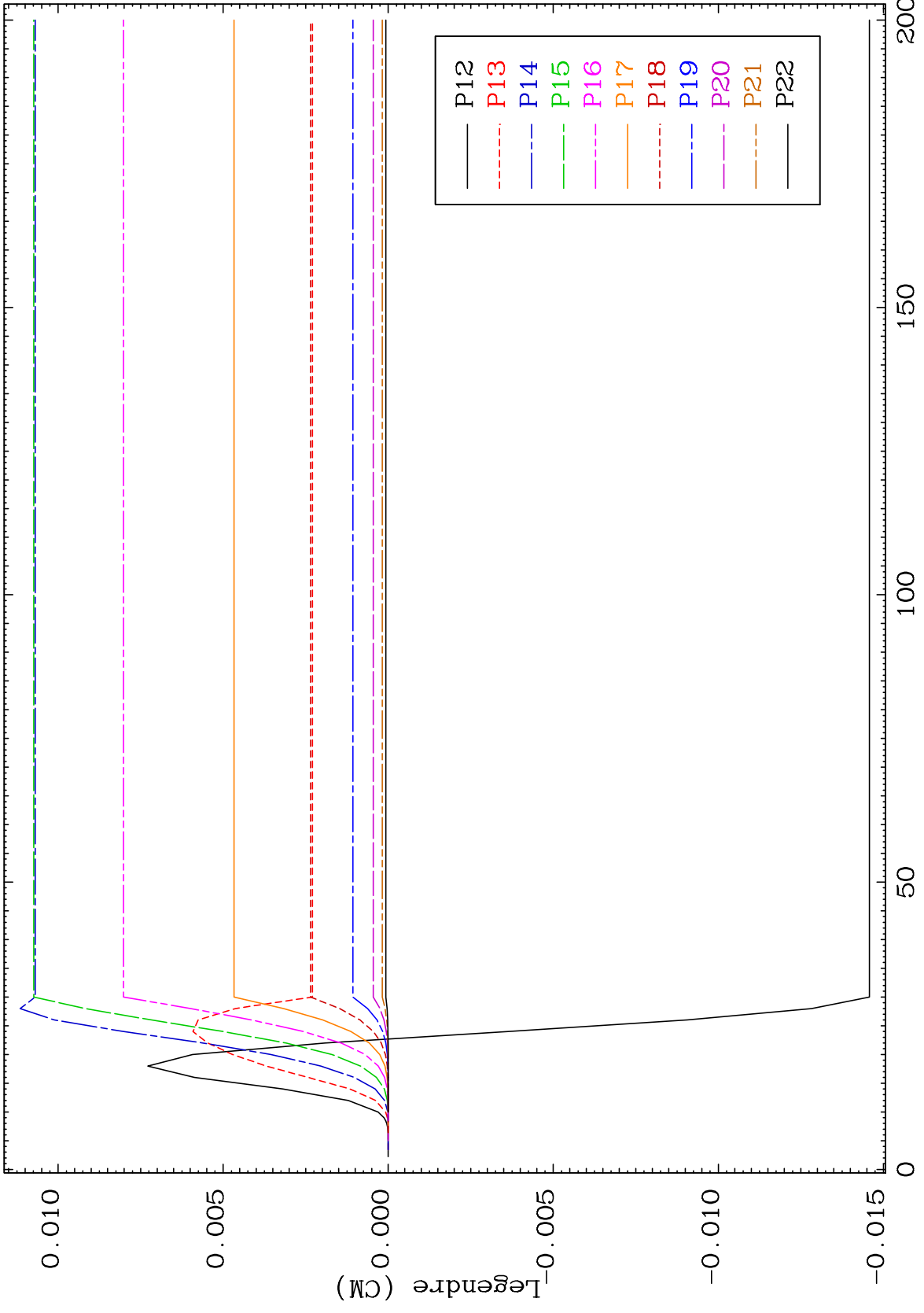
32-Ge-65

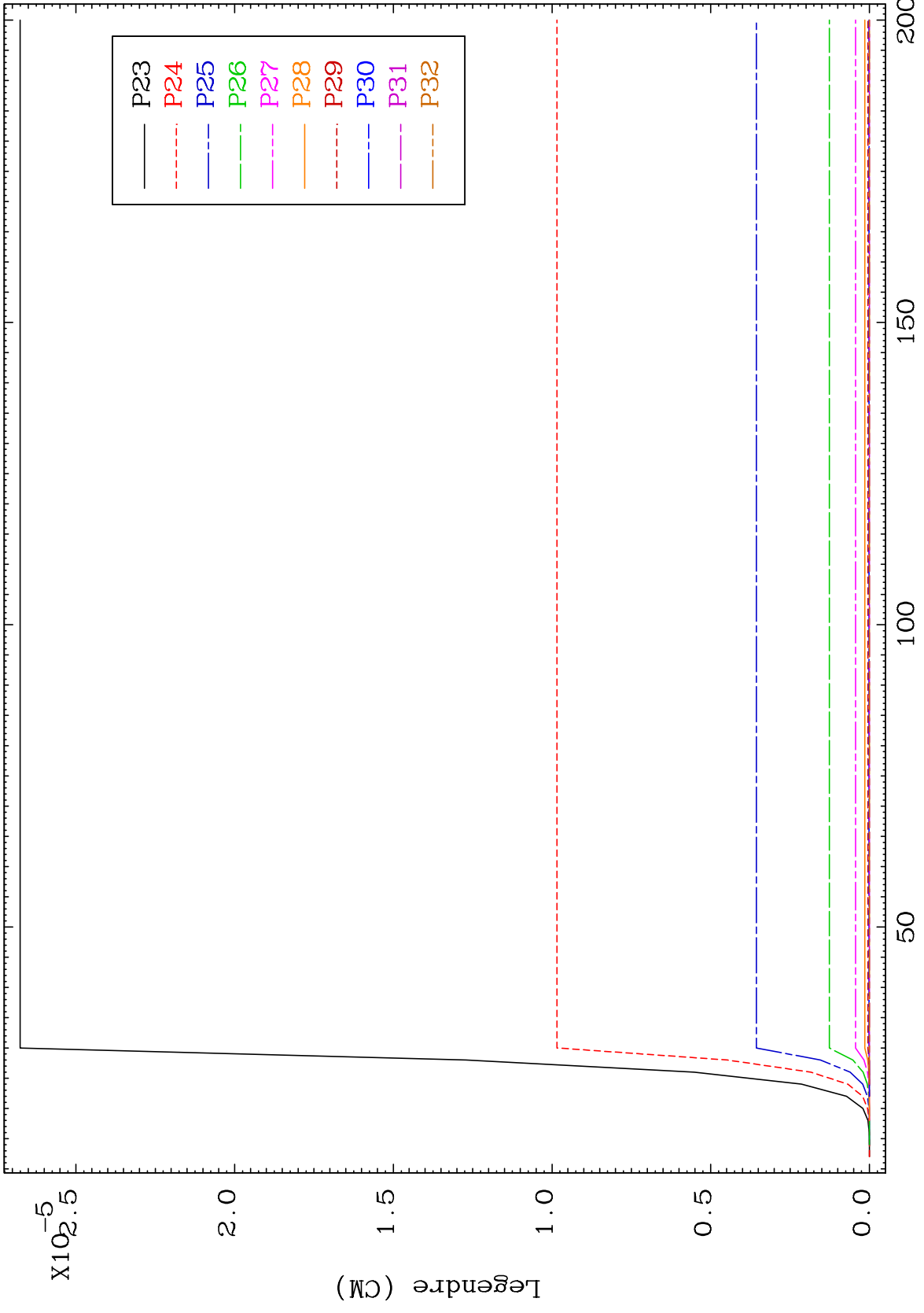


34

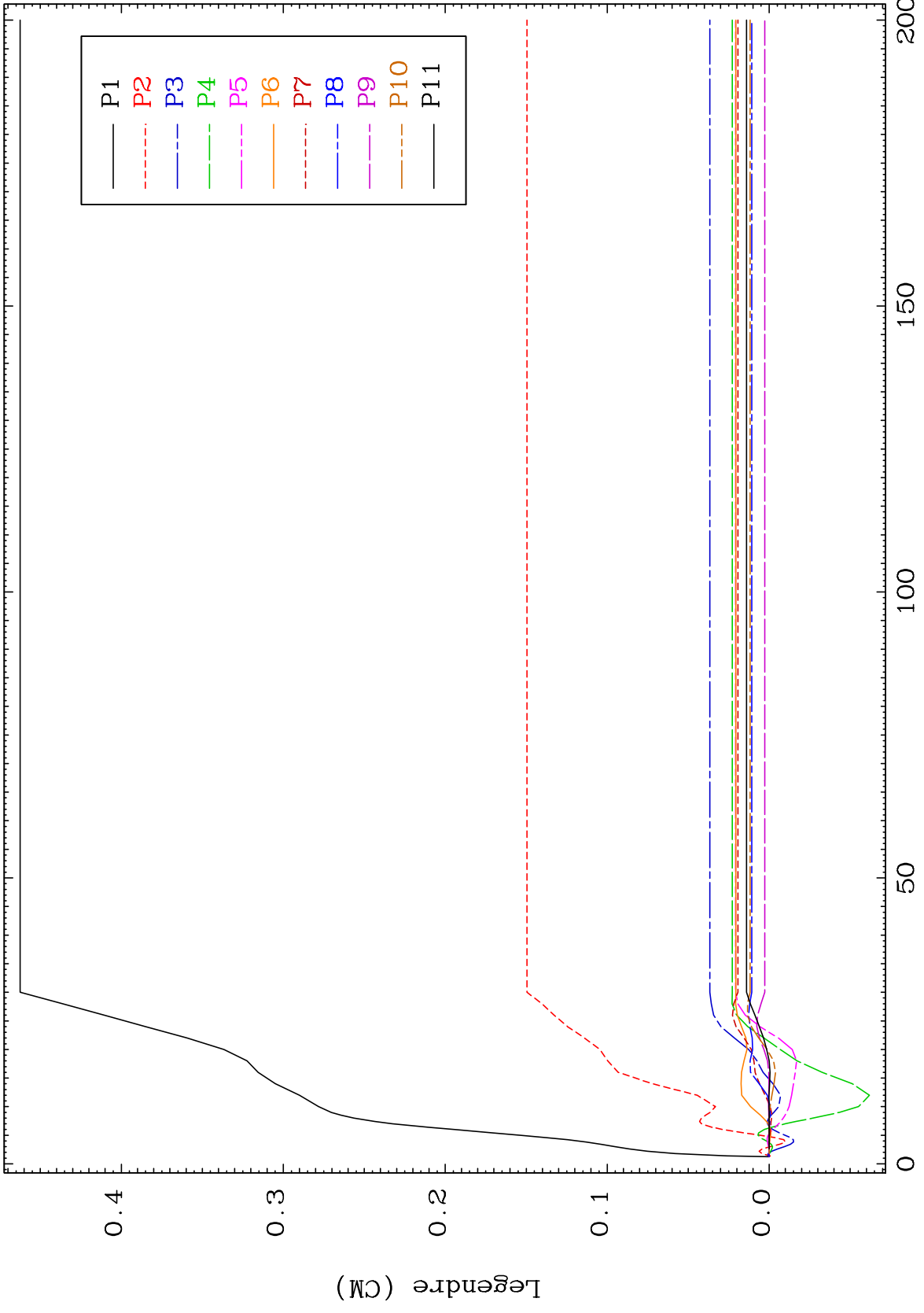
Incident Energy (MeV)

32-Ge-65

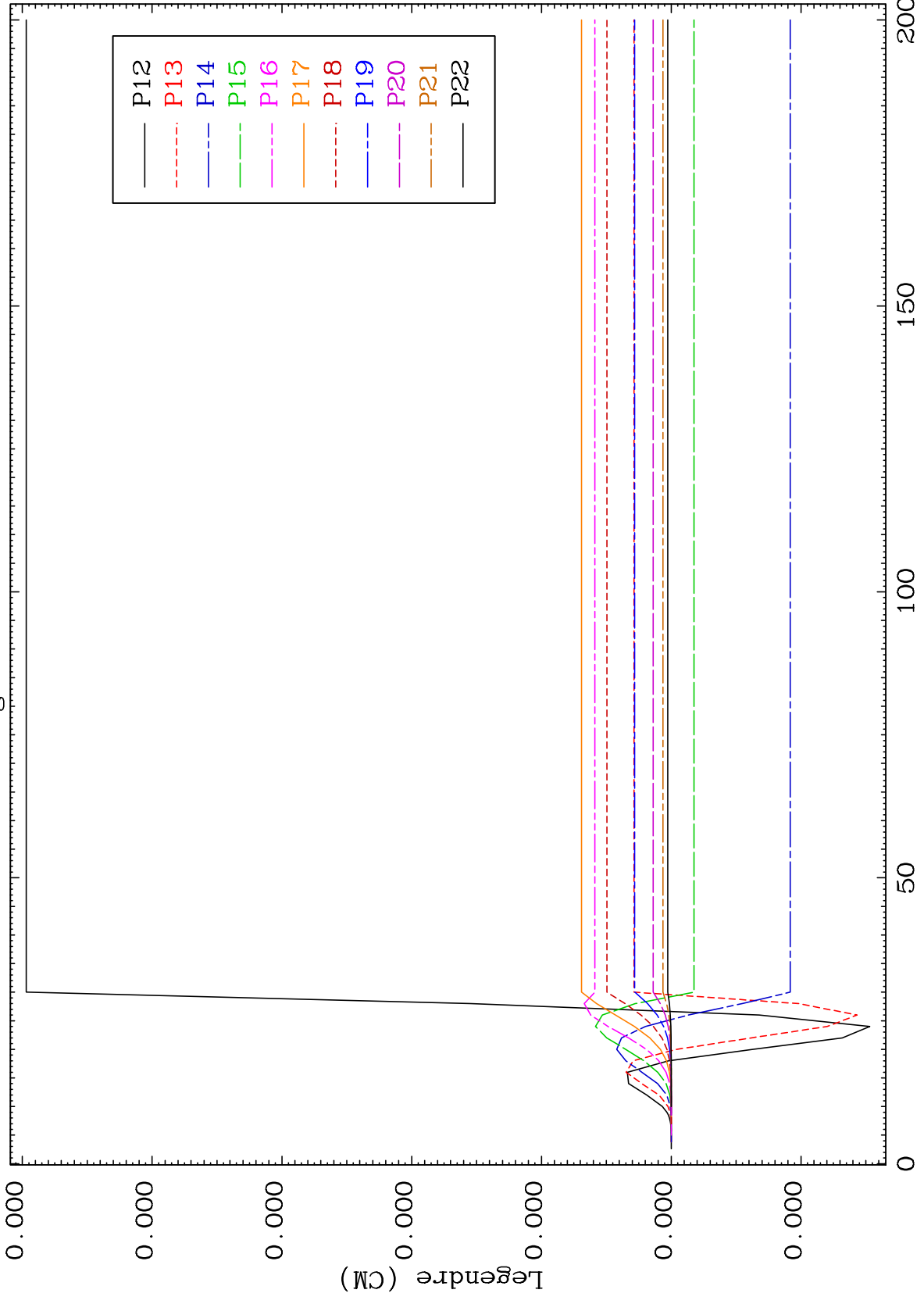




MAT 3210 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-65



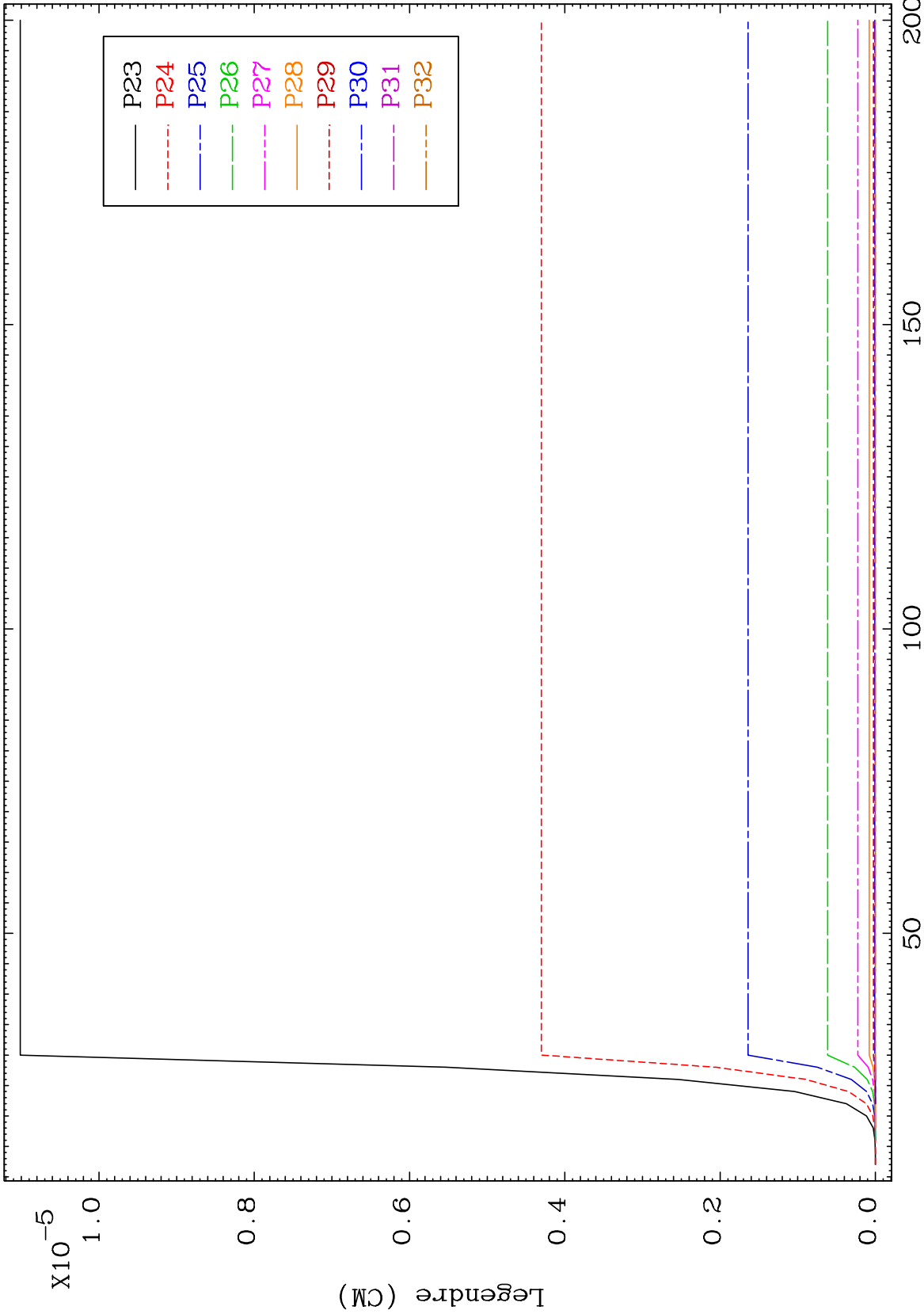
37 32-Ge-65



MAT 3210

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

32-Ge-65

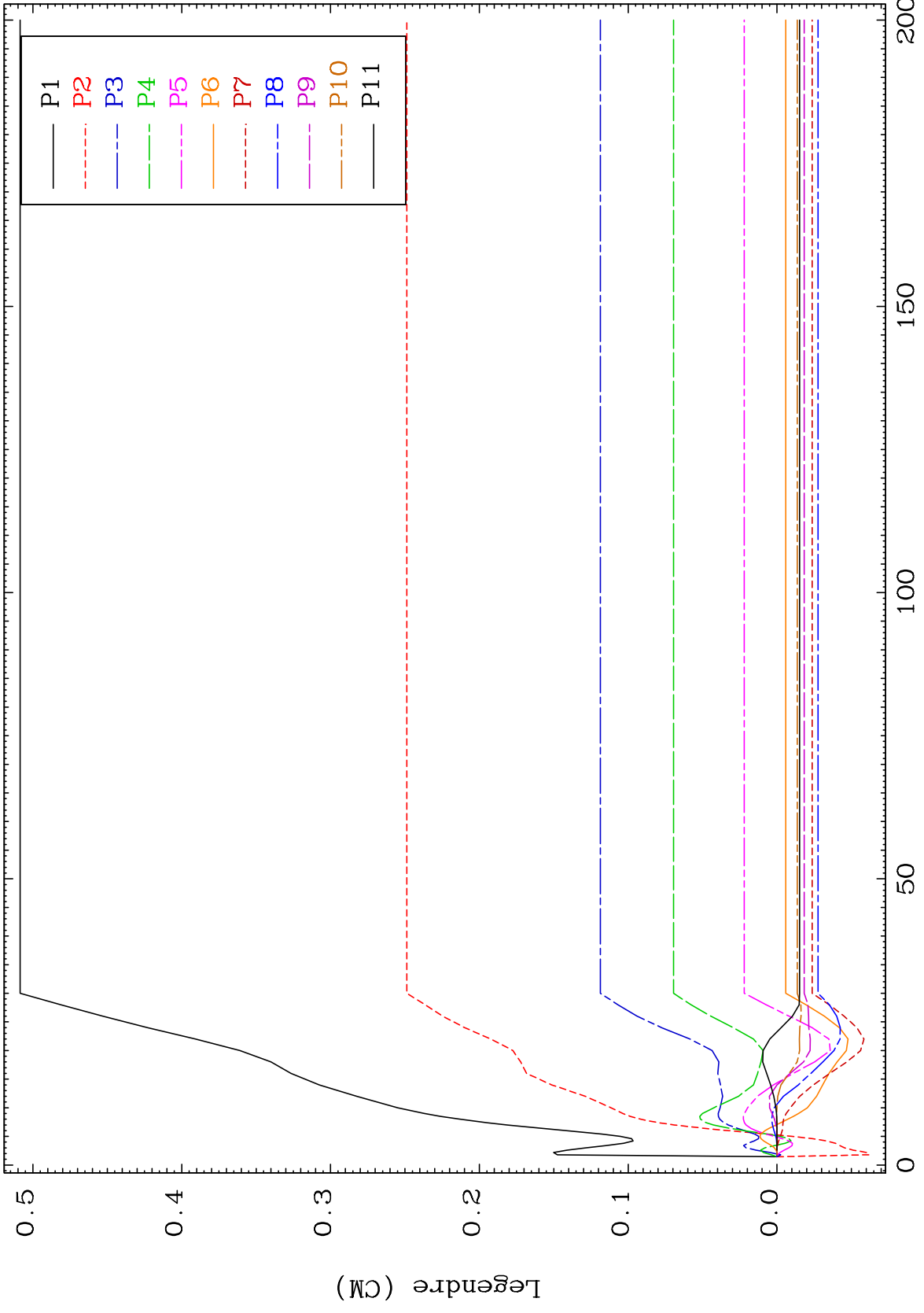


39

Incident Energy (MeV)

32-Ge-65

MAT 3210 MT= 58 (n,n') Level Legendre Coefficients 32-Ge-65

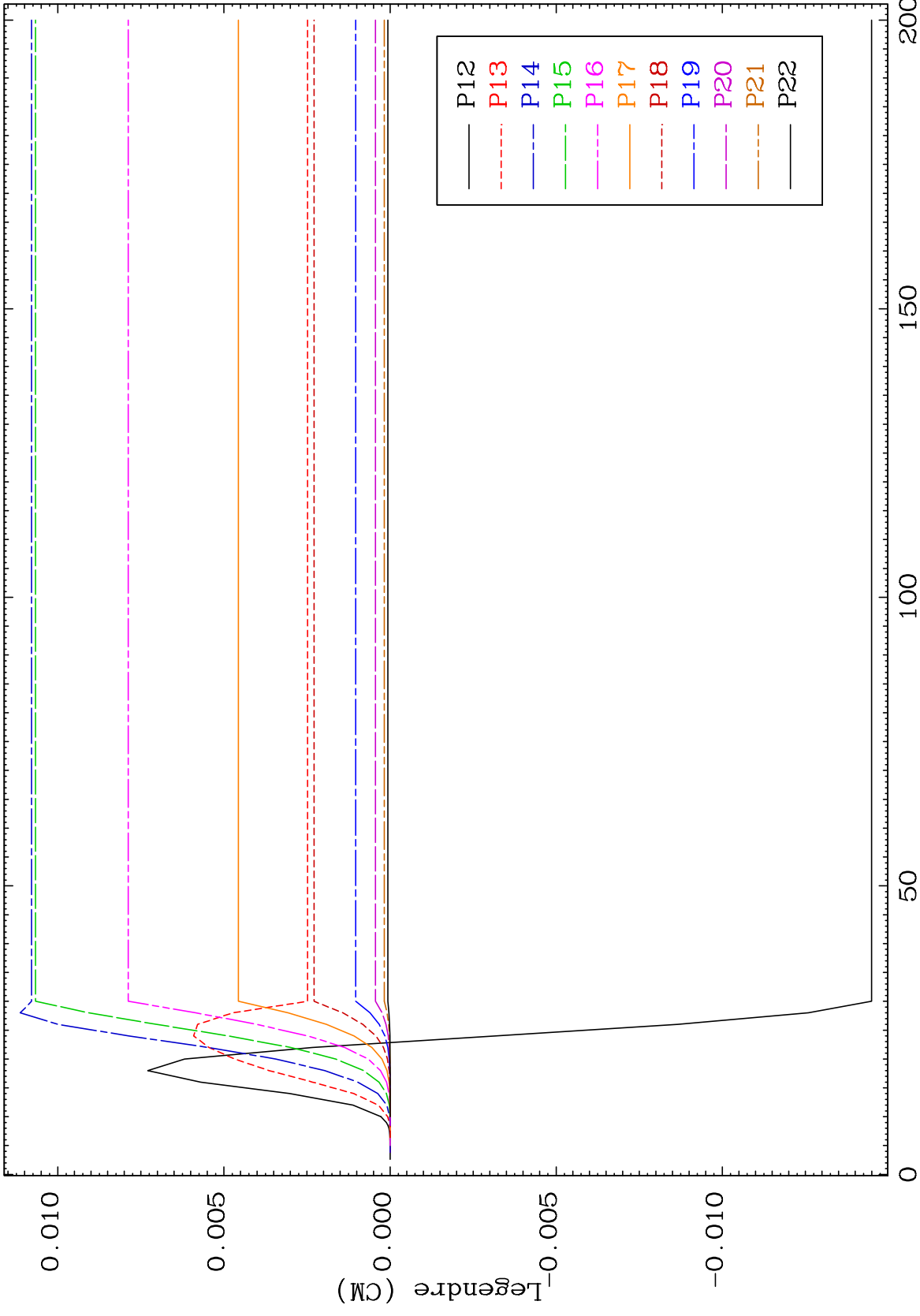


32-Ge-65

MAT 3210

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

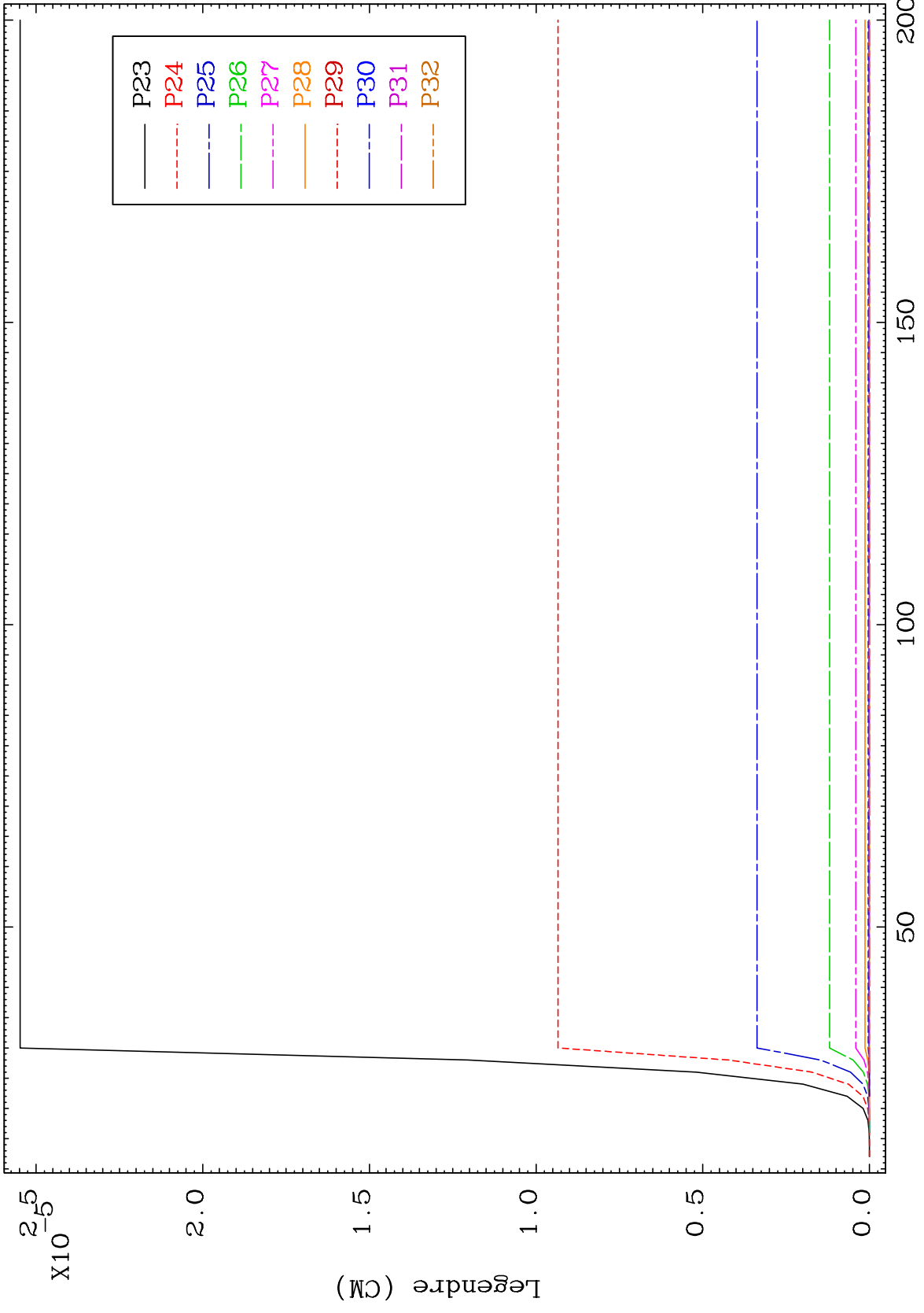
32-Ge-65



MAT 3210

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

32-Ge-65



42

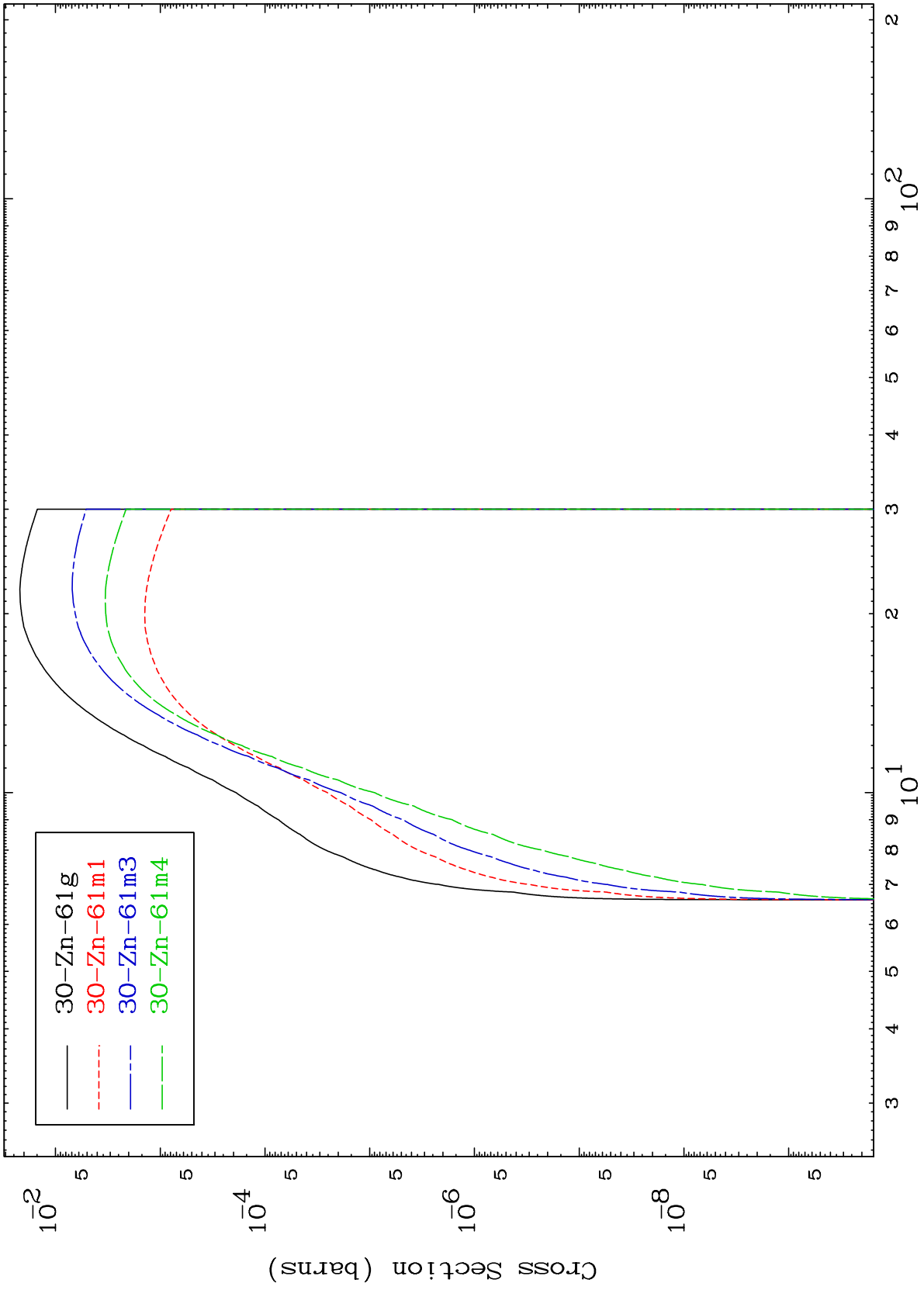
Incident Energy (MeV)

32-Ge-65

MAT 3210

32-Ge-65

(n,n') α
Radionuclide Production Cross Section



30-Zn-61g
30-Zn-61m1
30-Zn-61m3
30-Zn-61m4