

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

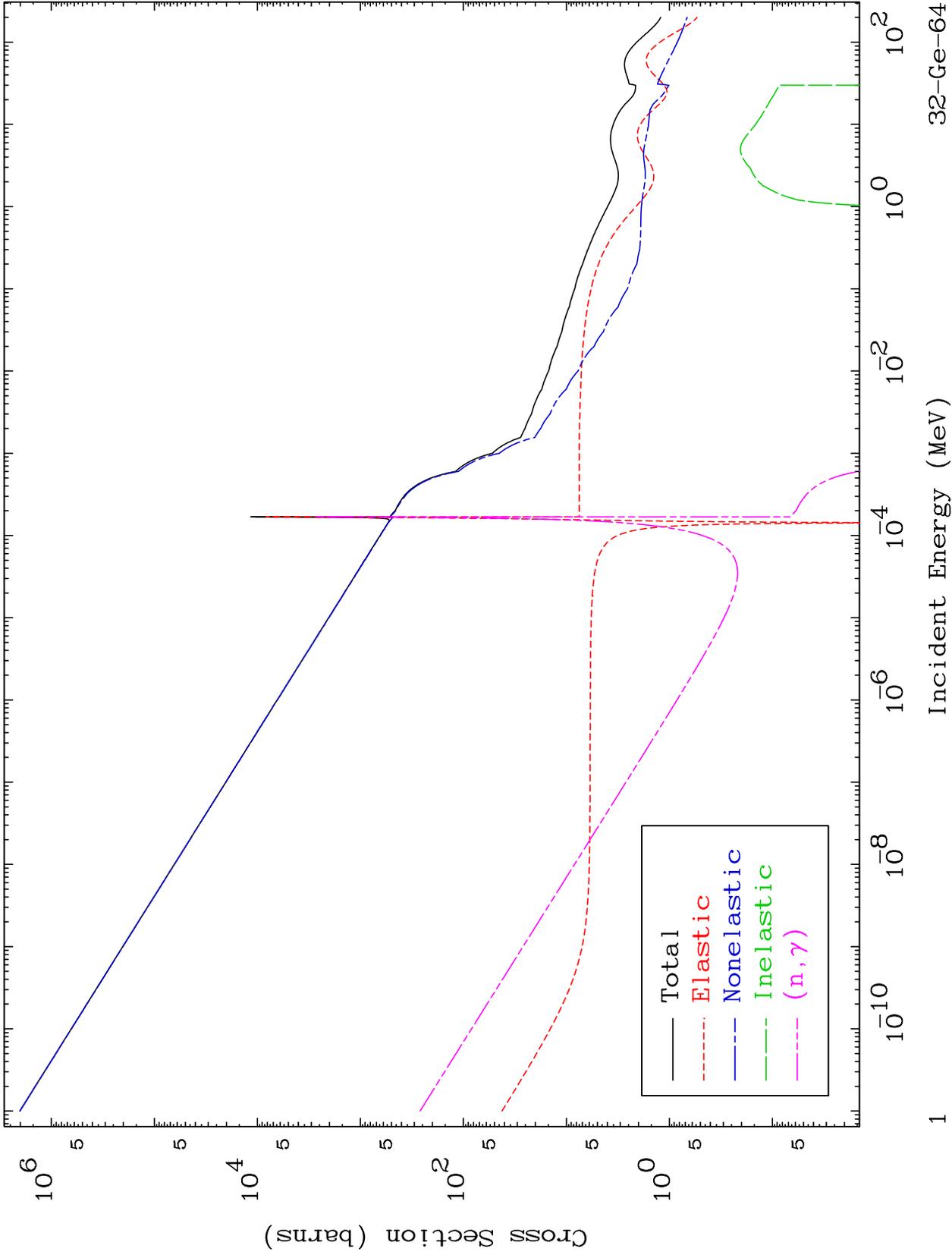
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

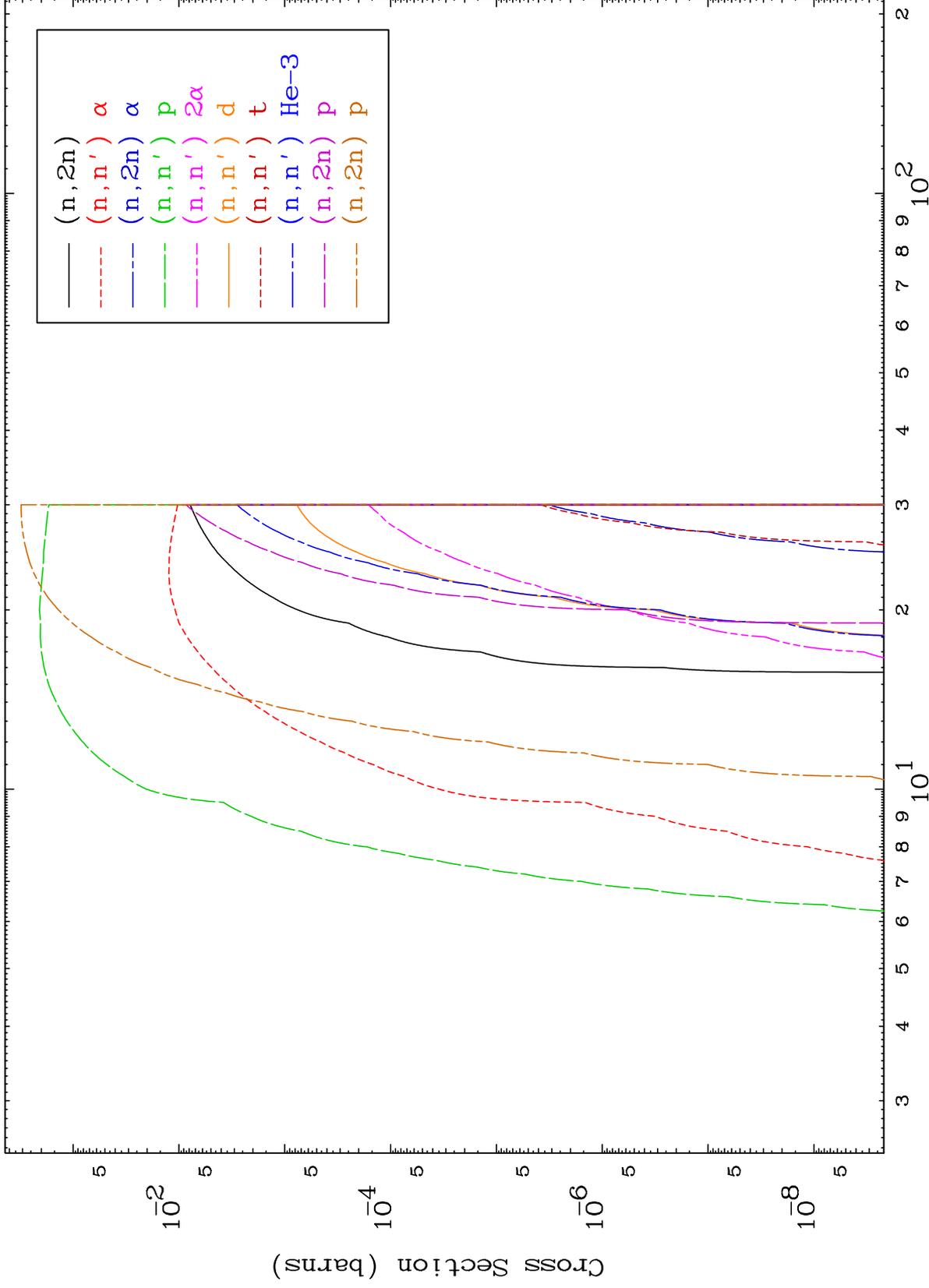
MAT 3207

Neutron Major
293 Kelvin Cross Sections

32-Ge-64



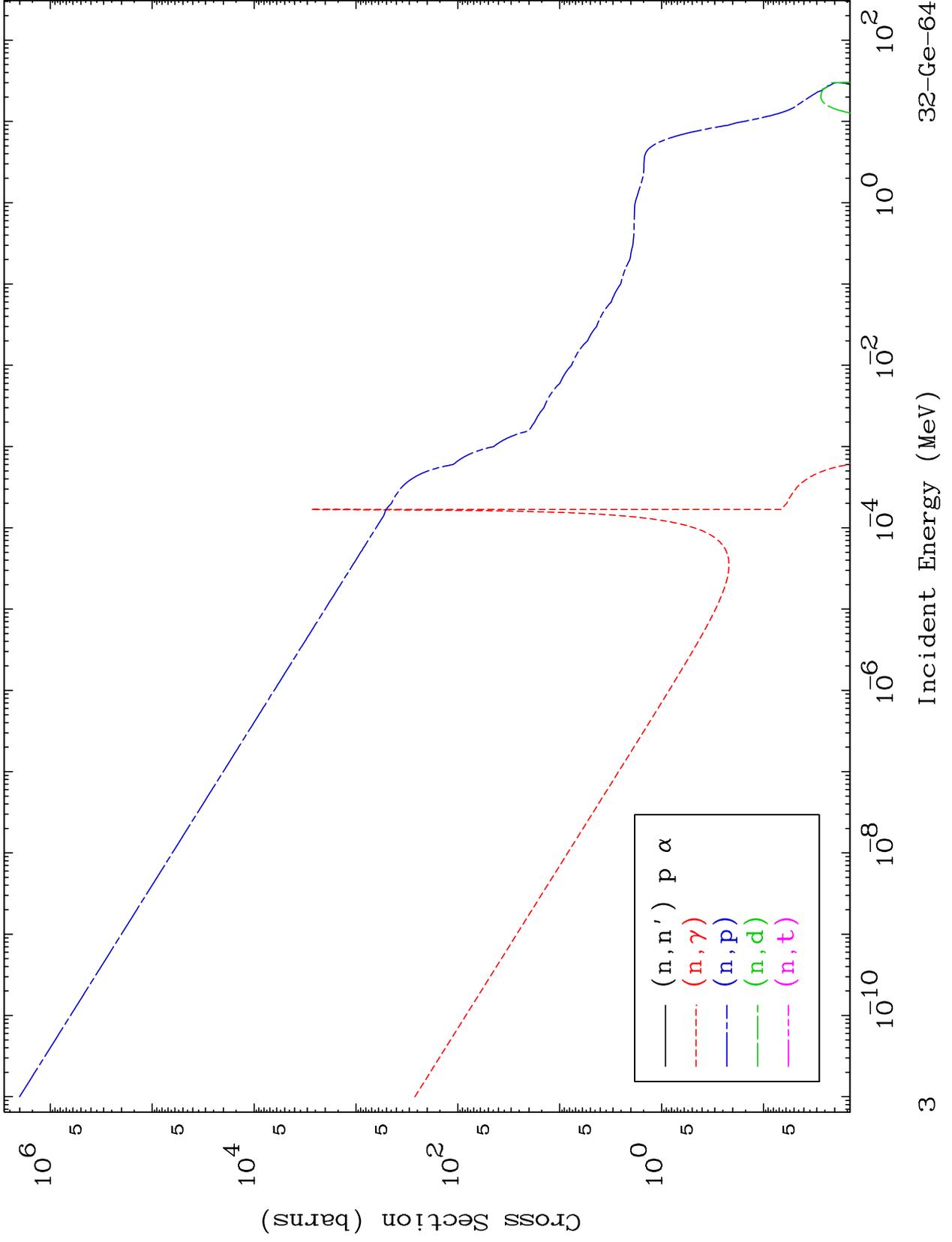
Neutron Absorption
293 Kelvin Cross Sections



MAT 3207

Neutron Absorption
293 Kelvin Cross Sections

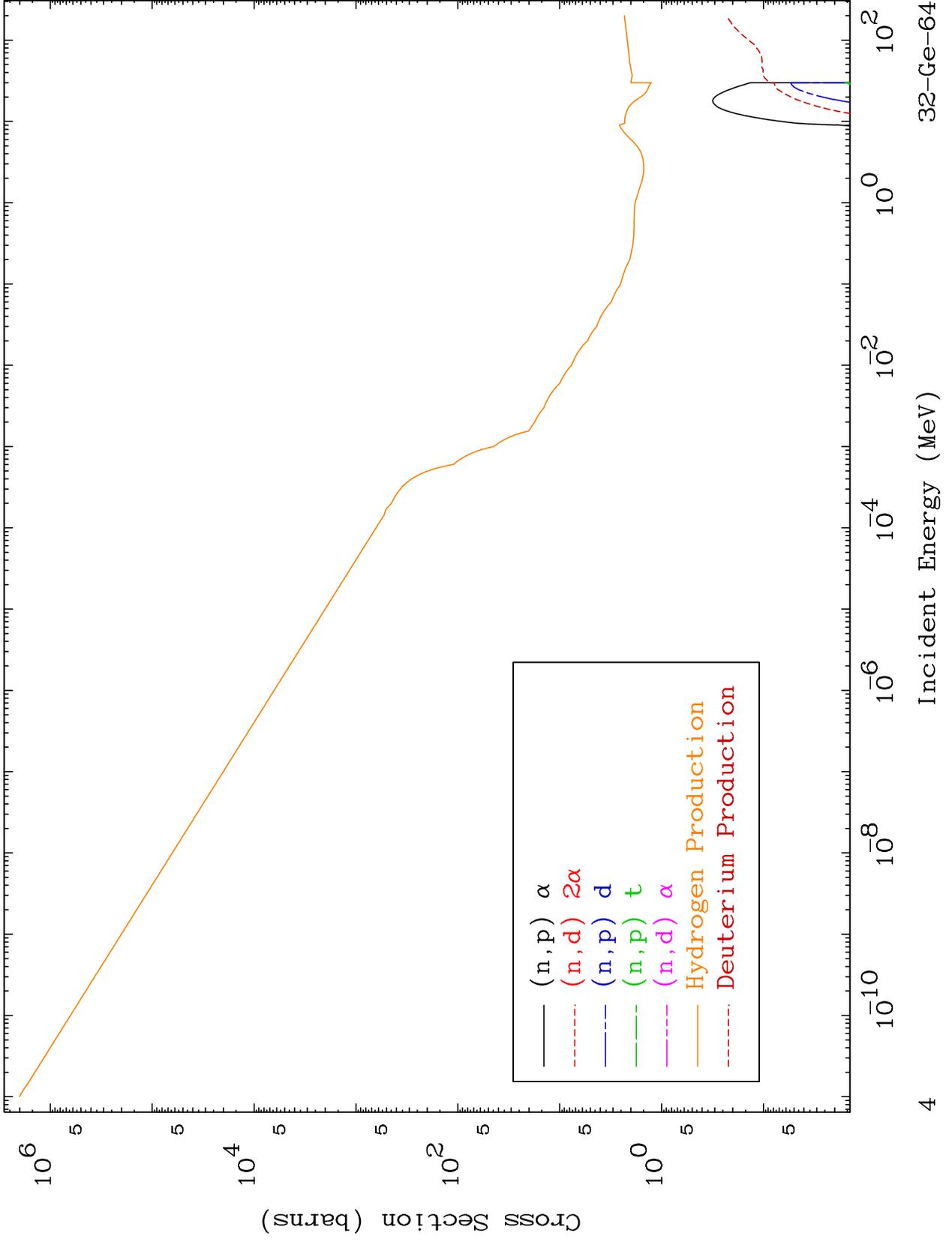
32-Ge-64



MAT 3207

Neutron Absorption
293 Kelvin Cross Sections

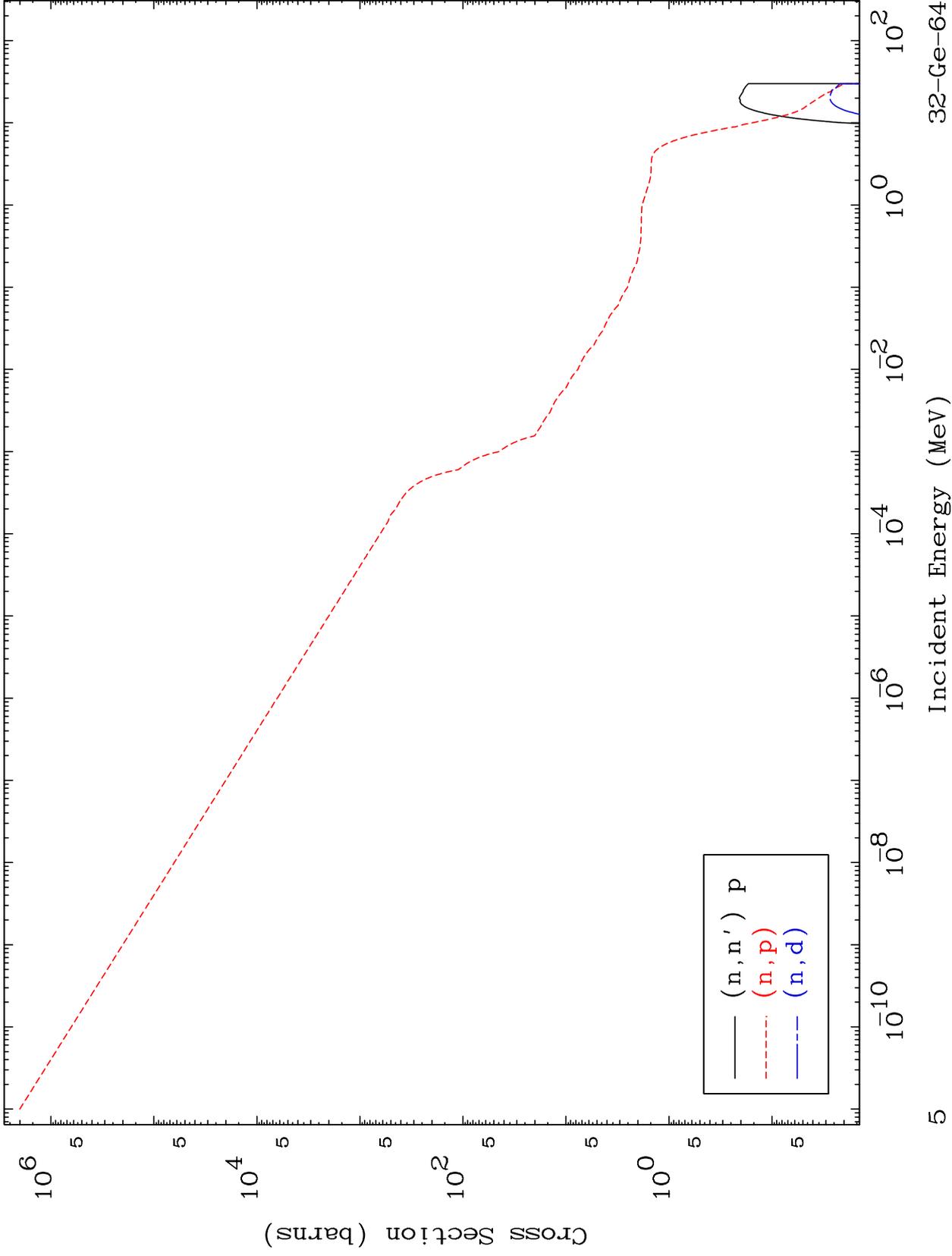
32-Ge-64



MAT 3207

Charged Particle
293 Kelvin Cross Sections

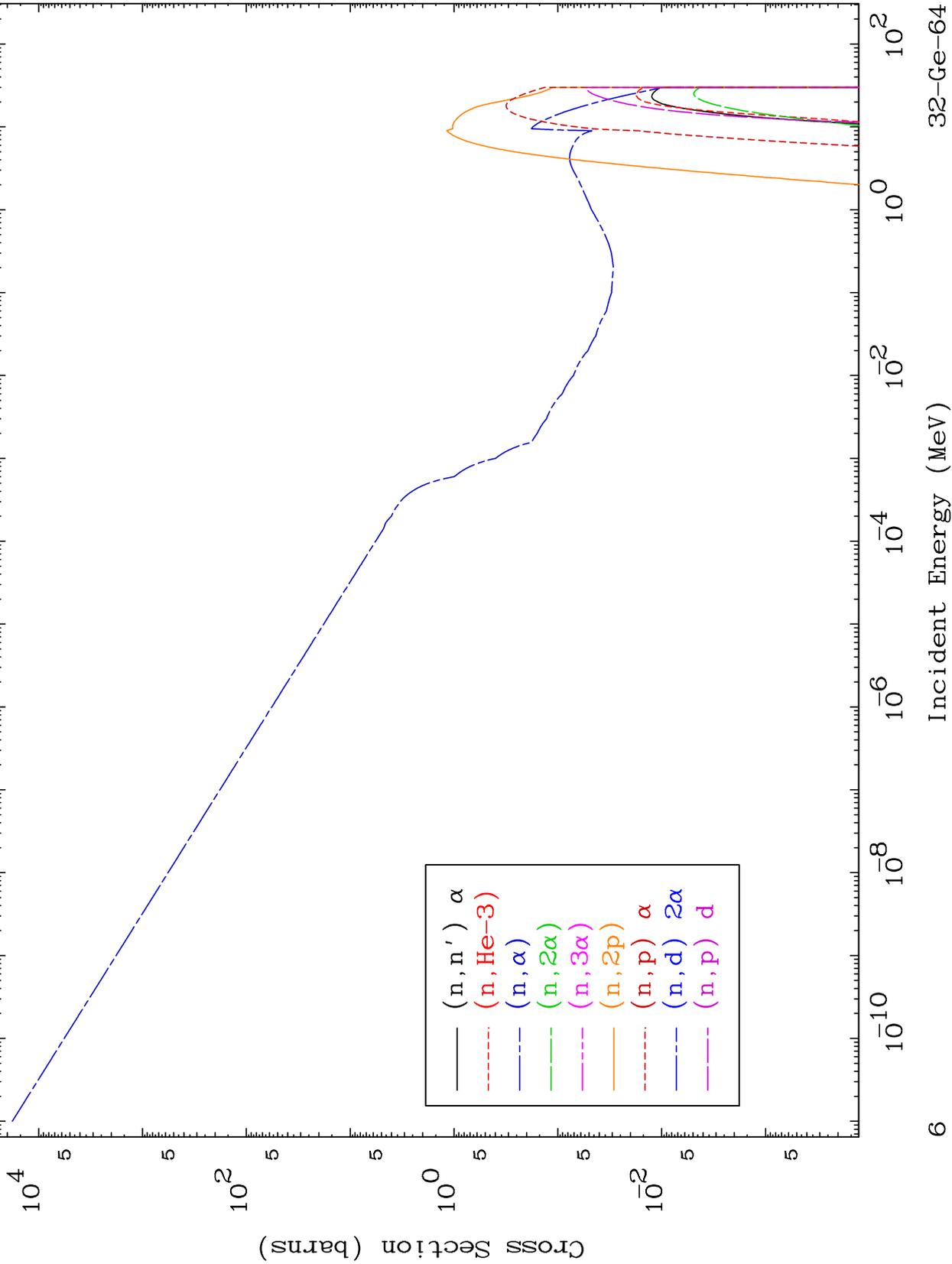
³²Ge-64



MAT 3207

Charged Particle
293 Kelvin Cross Sections

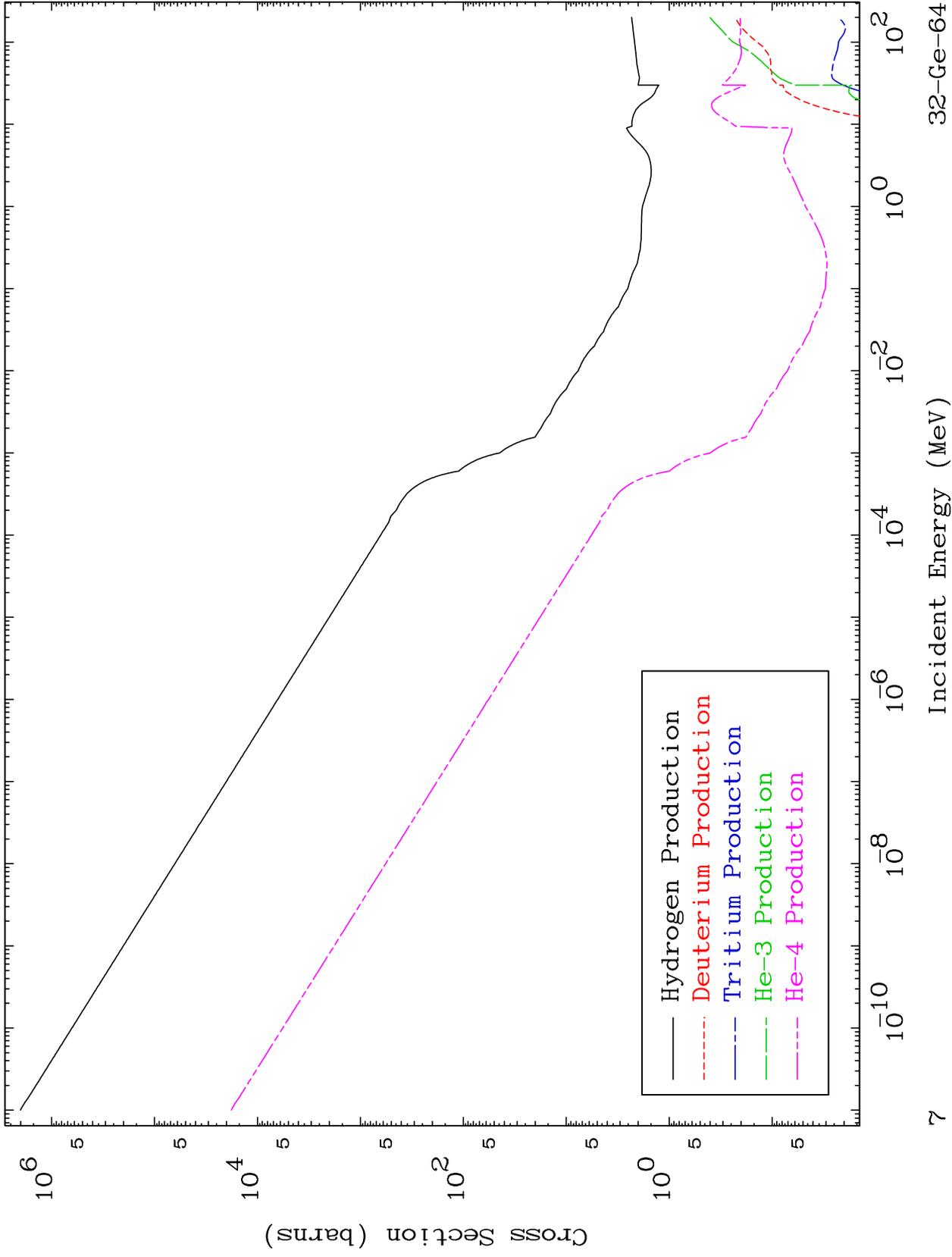
32-Ge-64

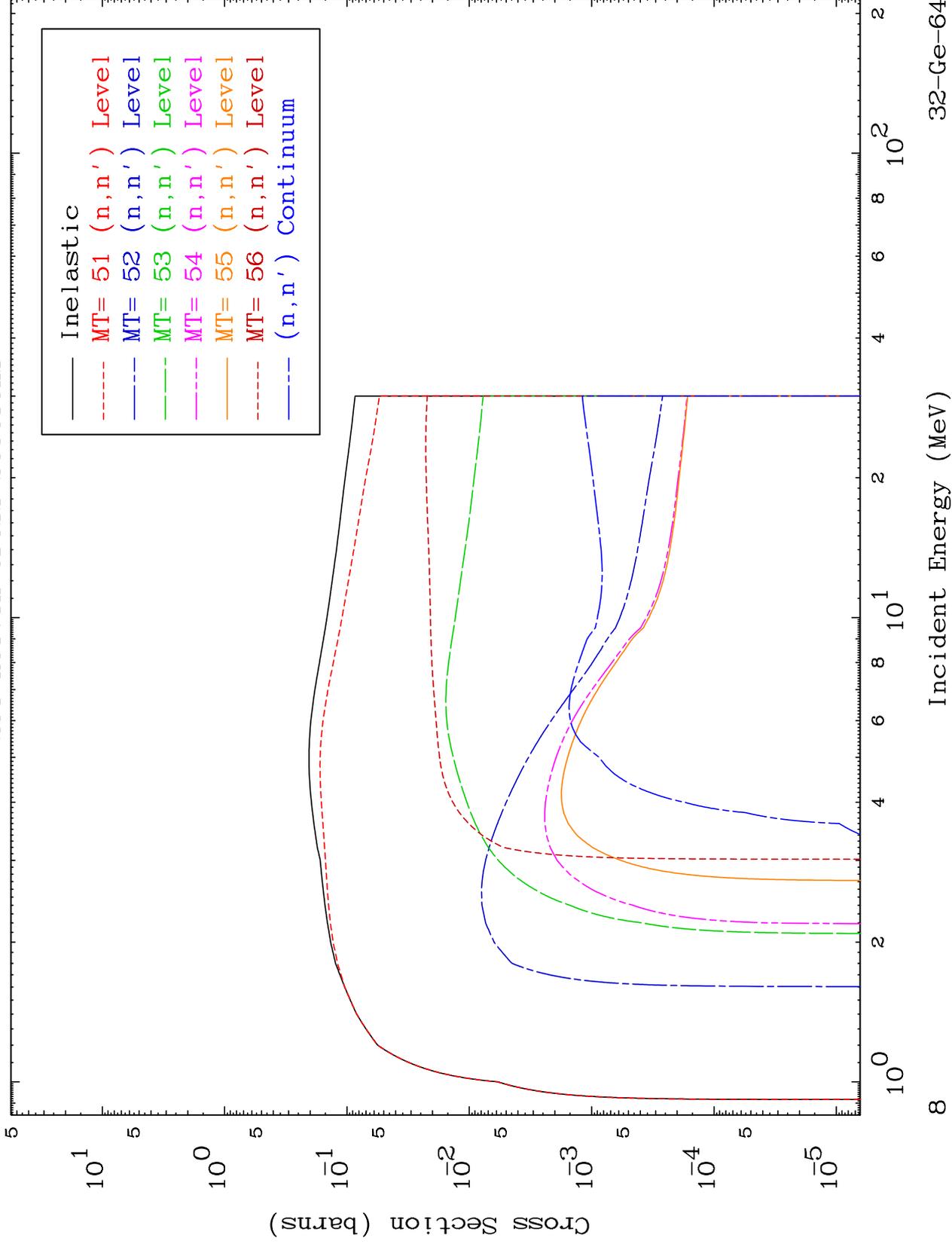


MAT 3207

Particle Production
293 Kelvin Cross Sections

32-Ge-64

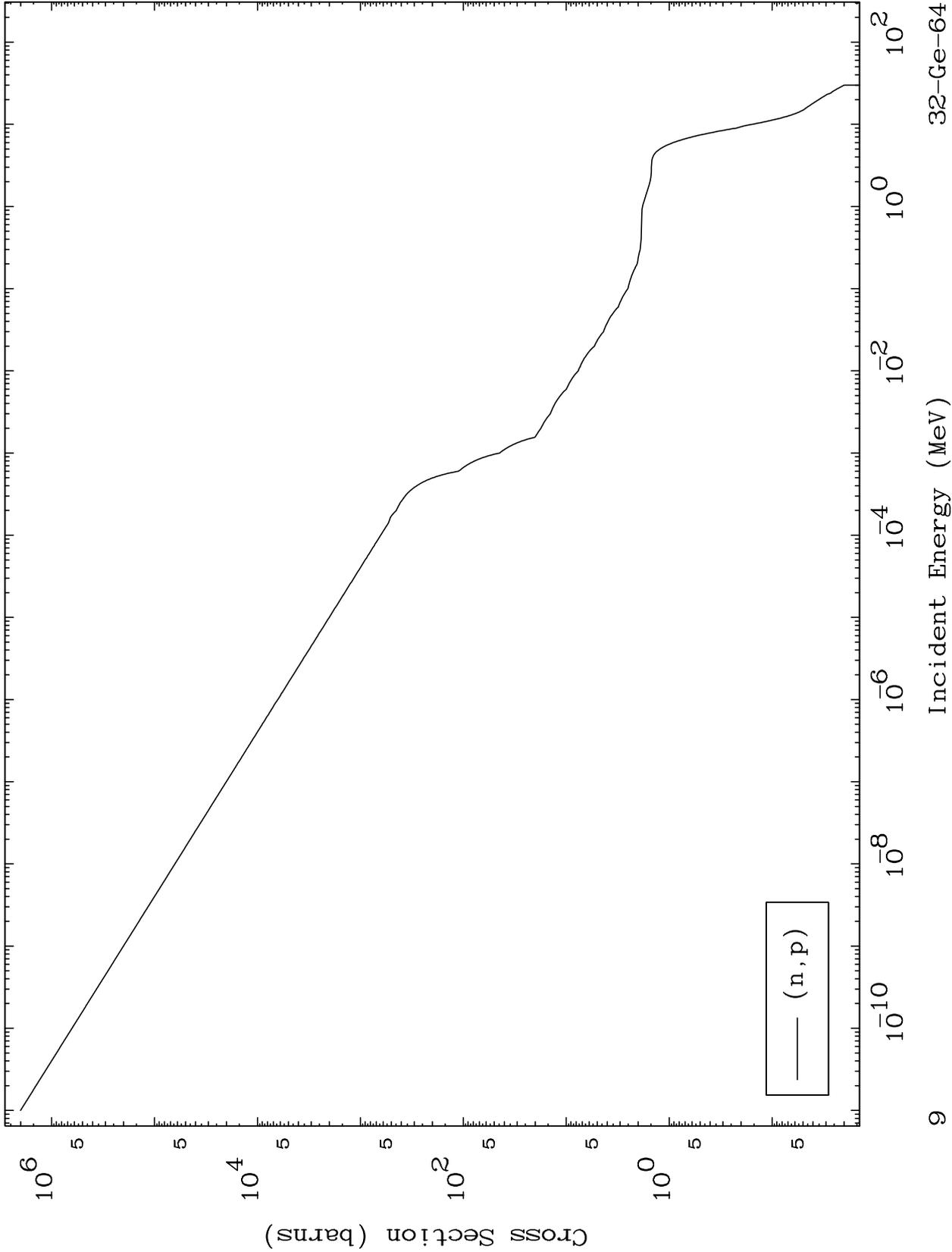




MAT 3207

(n,p) Levels
293 Kelvin Cross Sections

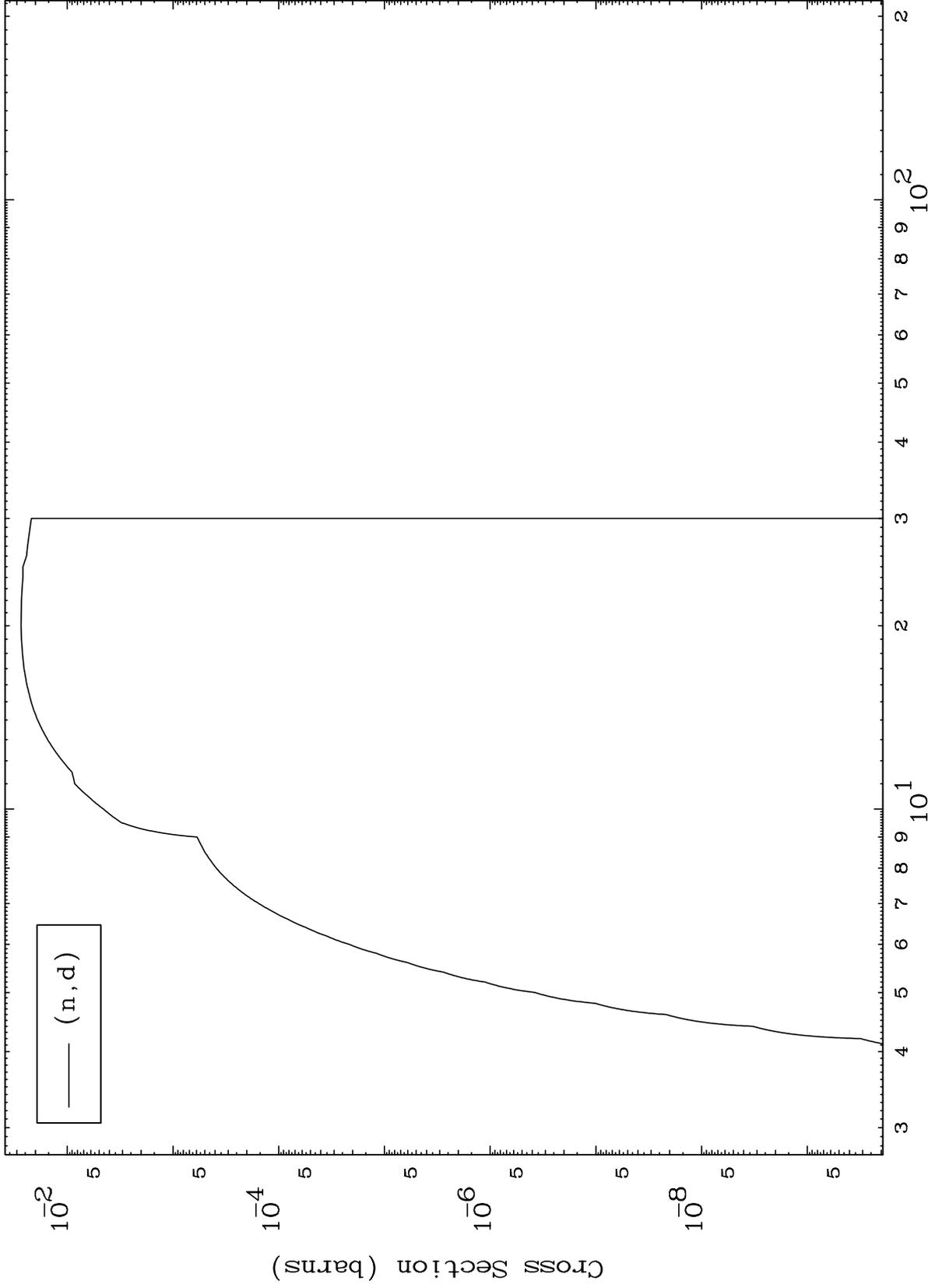
³²Ge-64



MAT 3207

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-64



10

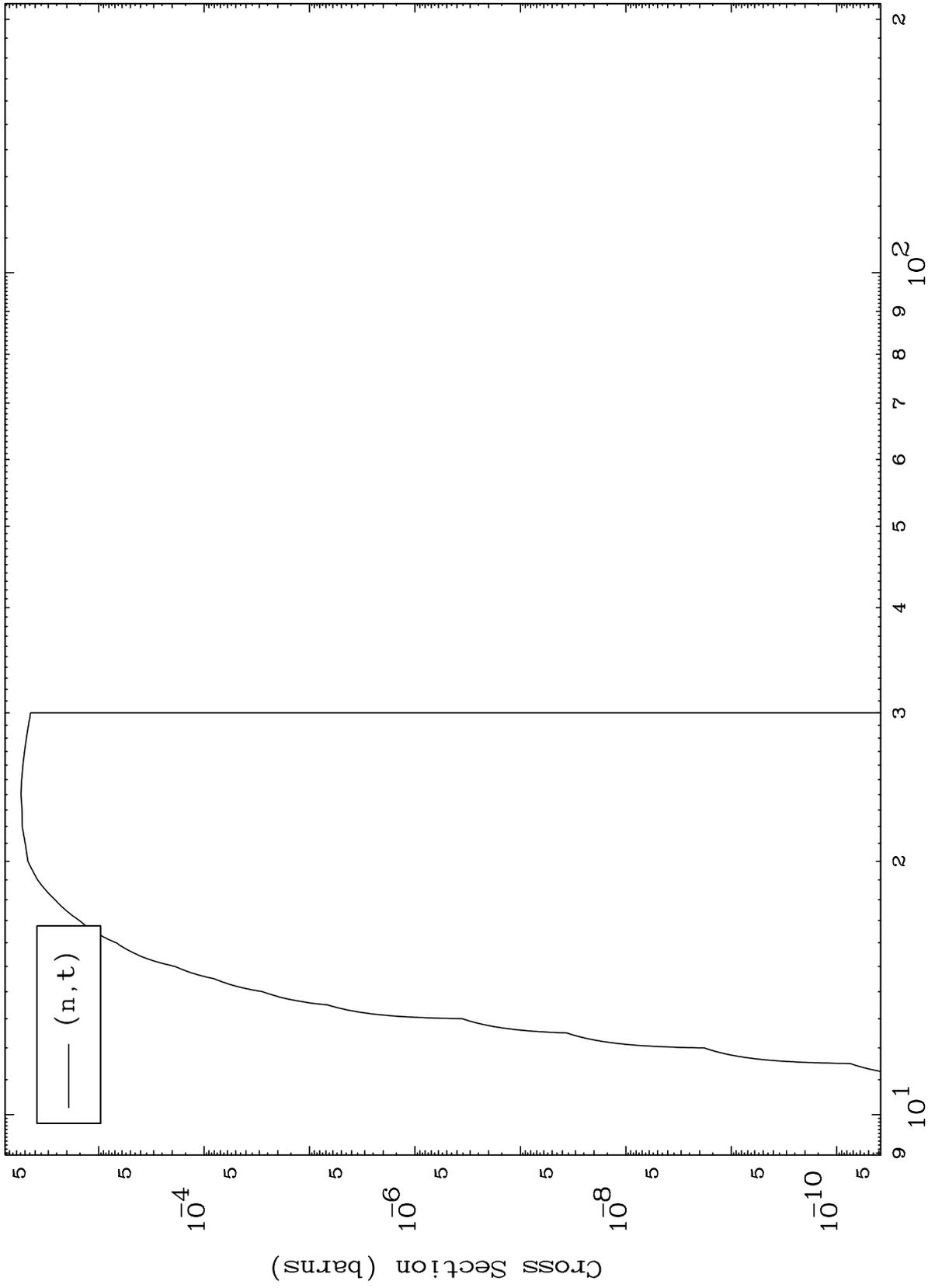
Incident Energy (MeV)

³²Ge-64

MAT 3207

(n,t) Levels
293 Kelvin Cross Sections

³²Ge-64



11

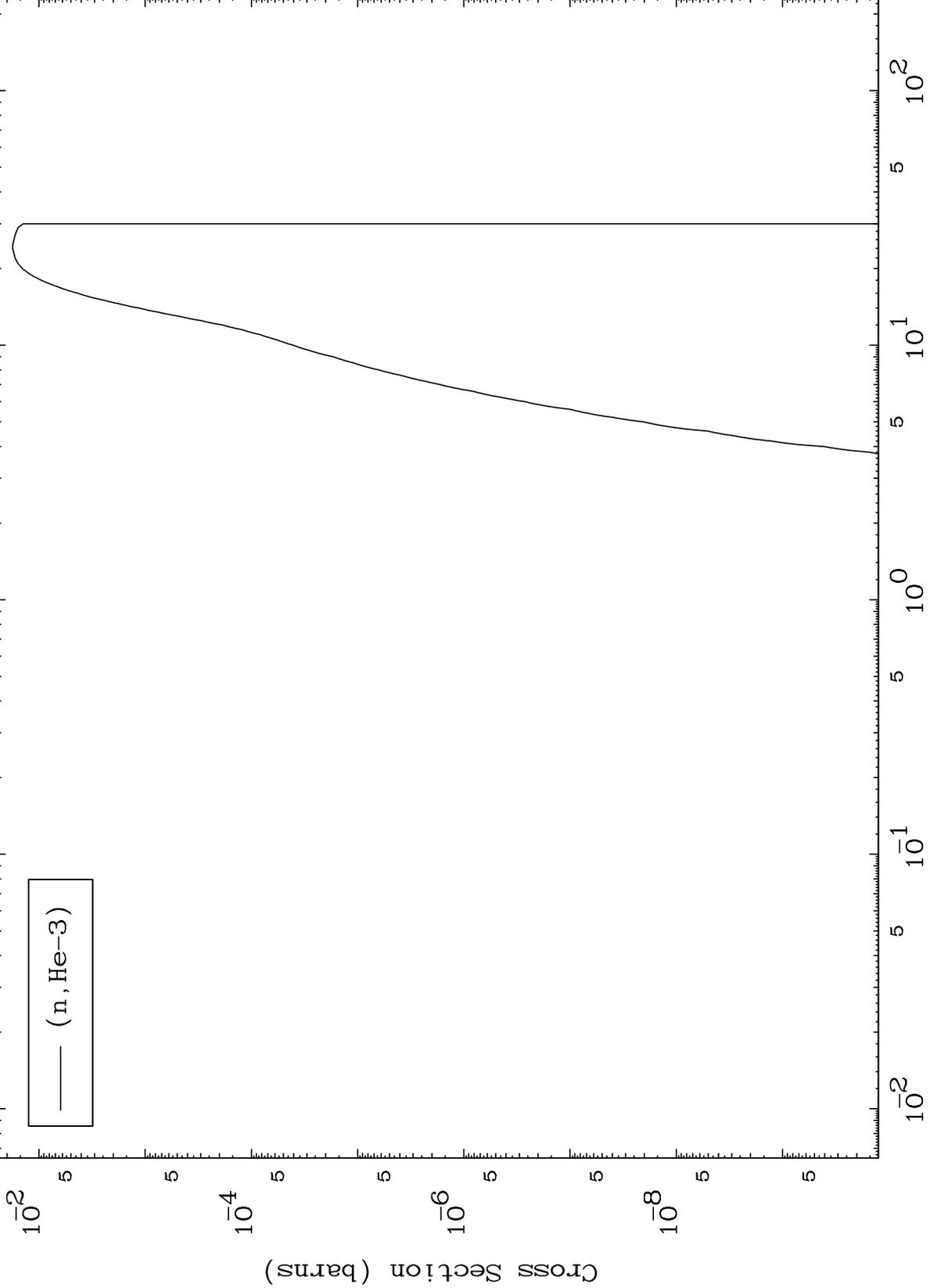
Incident Energy (MeV)

³²Ge-64

MAT 3207

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-64



12

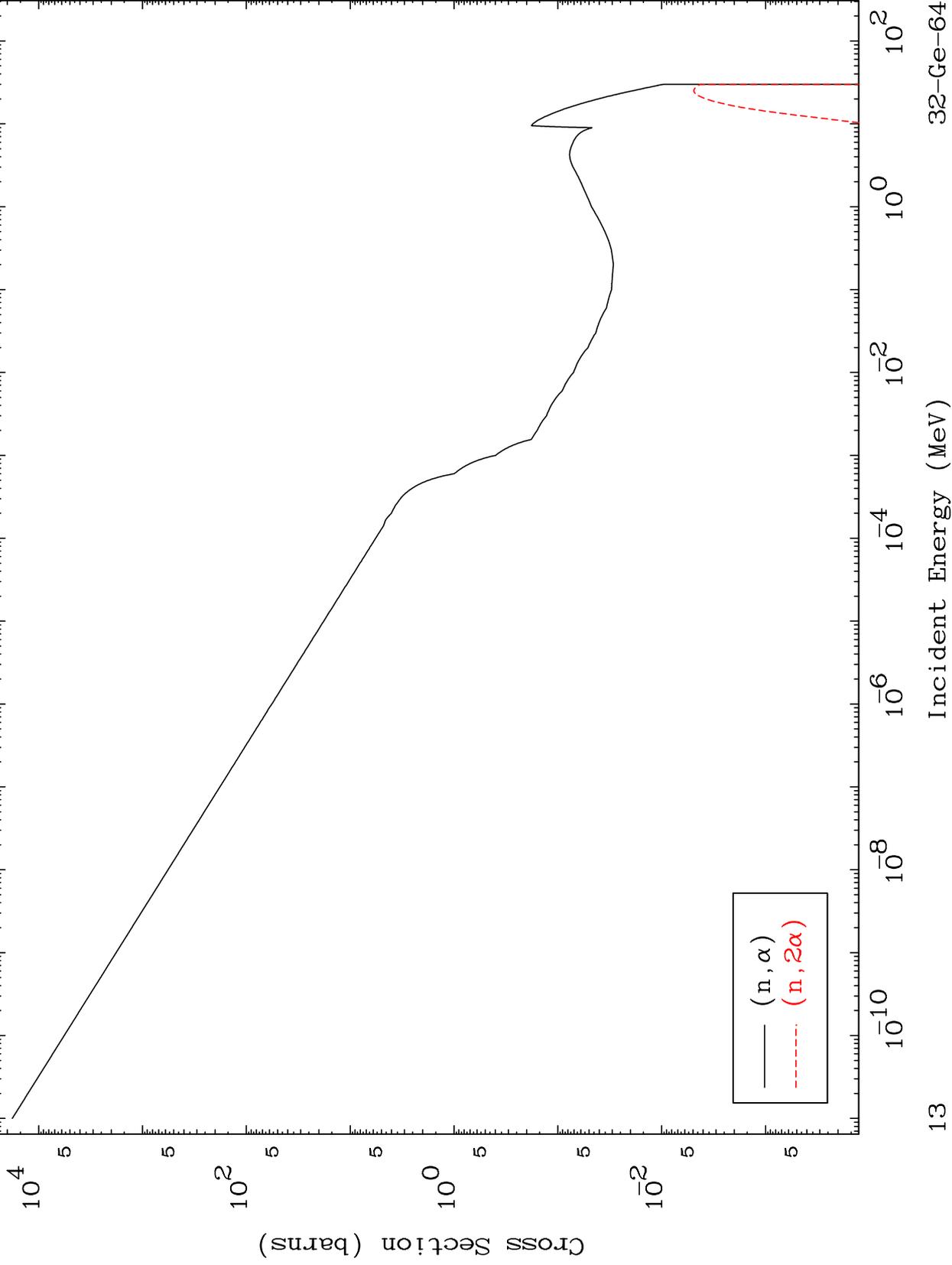
Incident Energy (MeV)

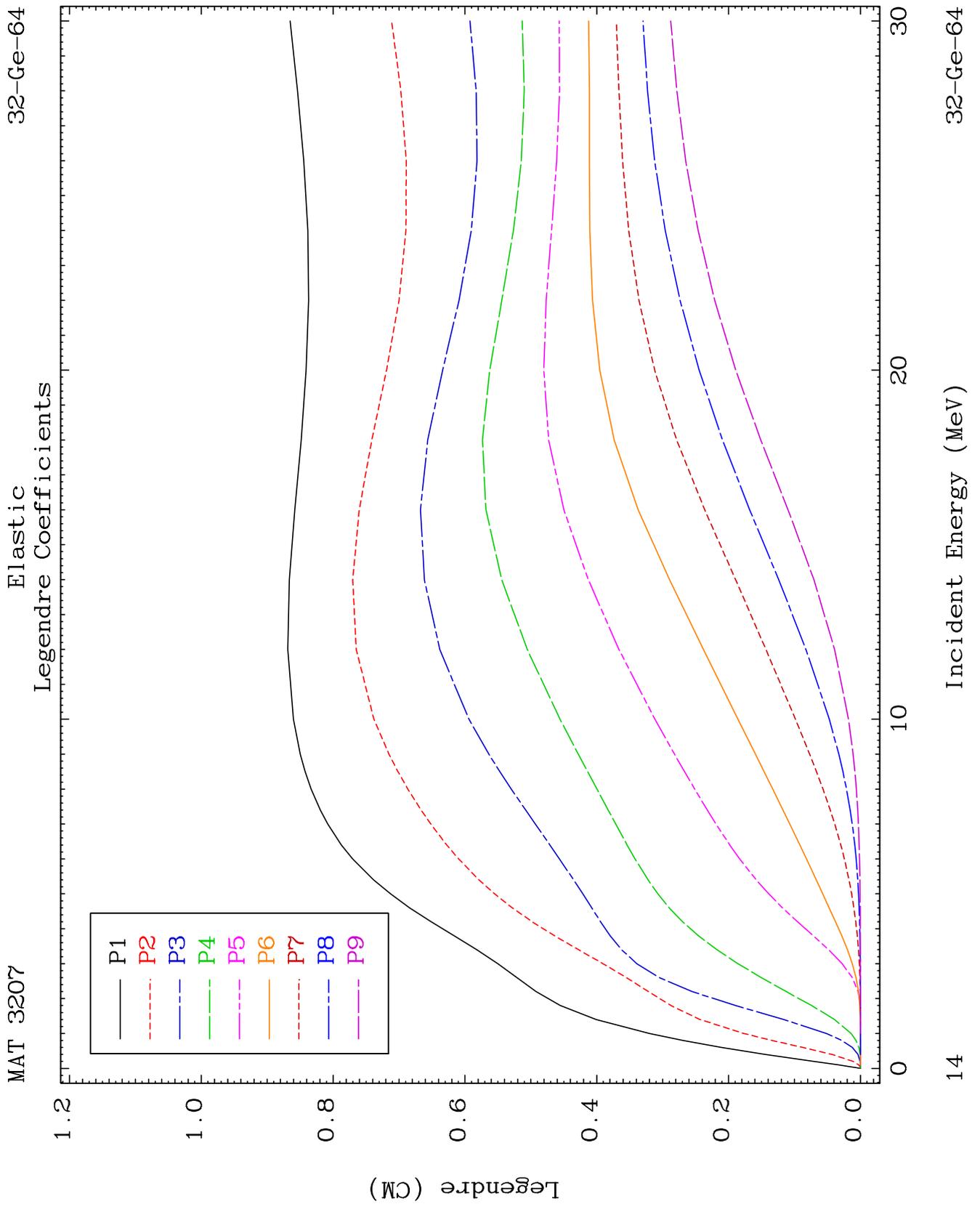
32-Ge-64

MAT 3207

(n,α) Levels
293 Kelvin Cross Sections

32-Ge-64

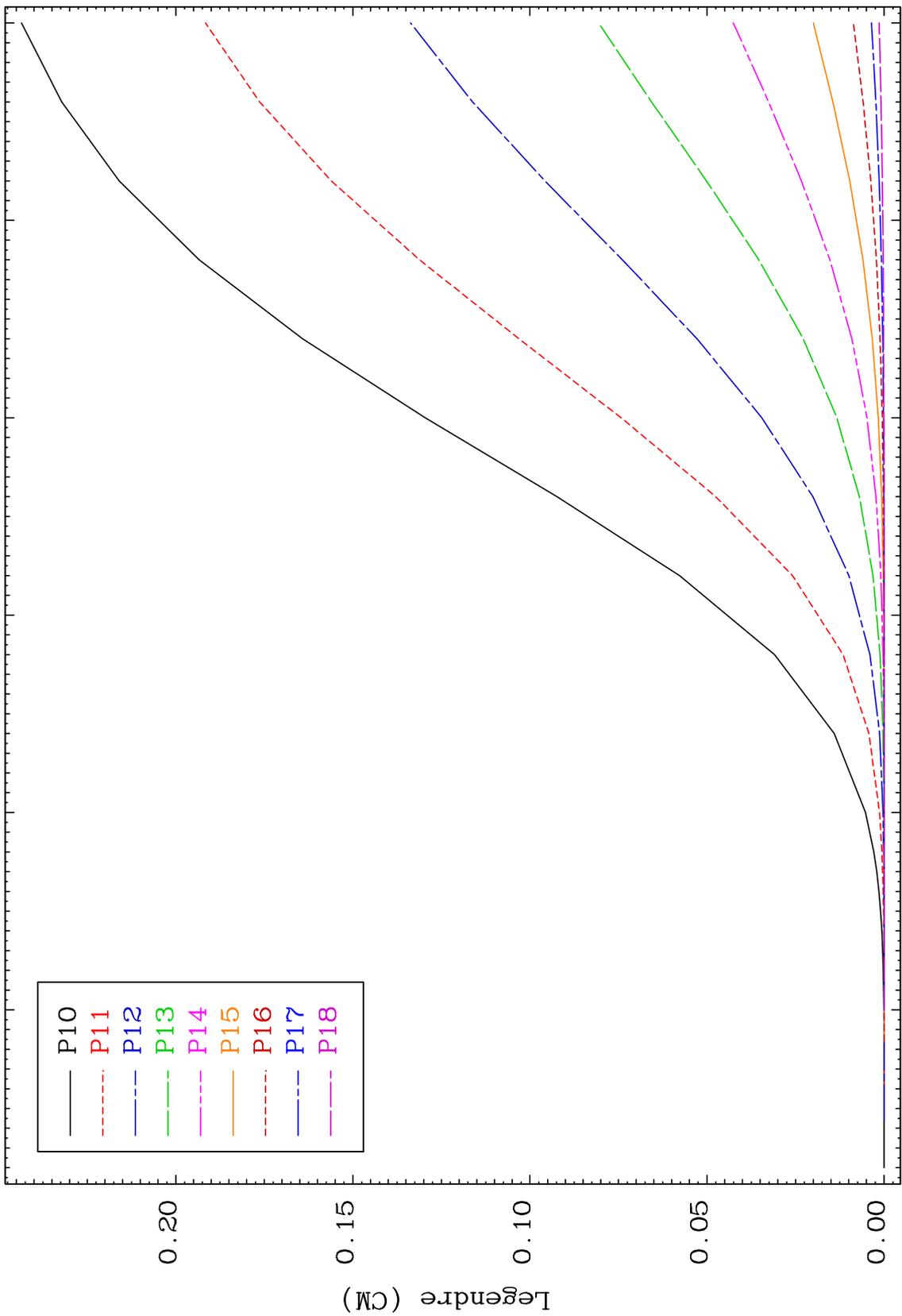




MAT 3207

Elastic Legendre Coefficients

³²Ge-64



15

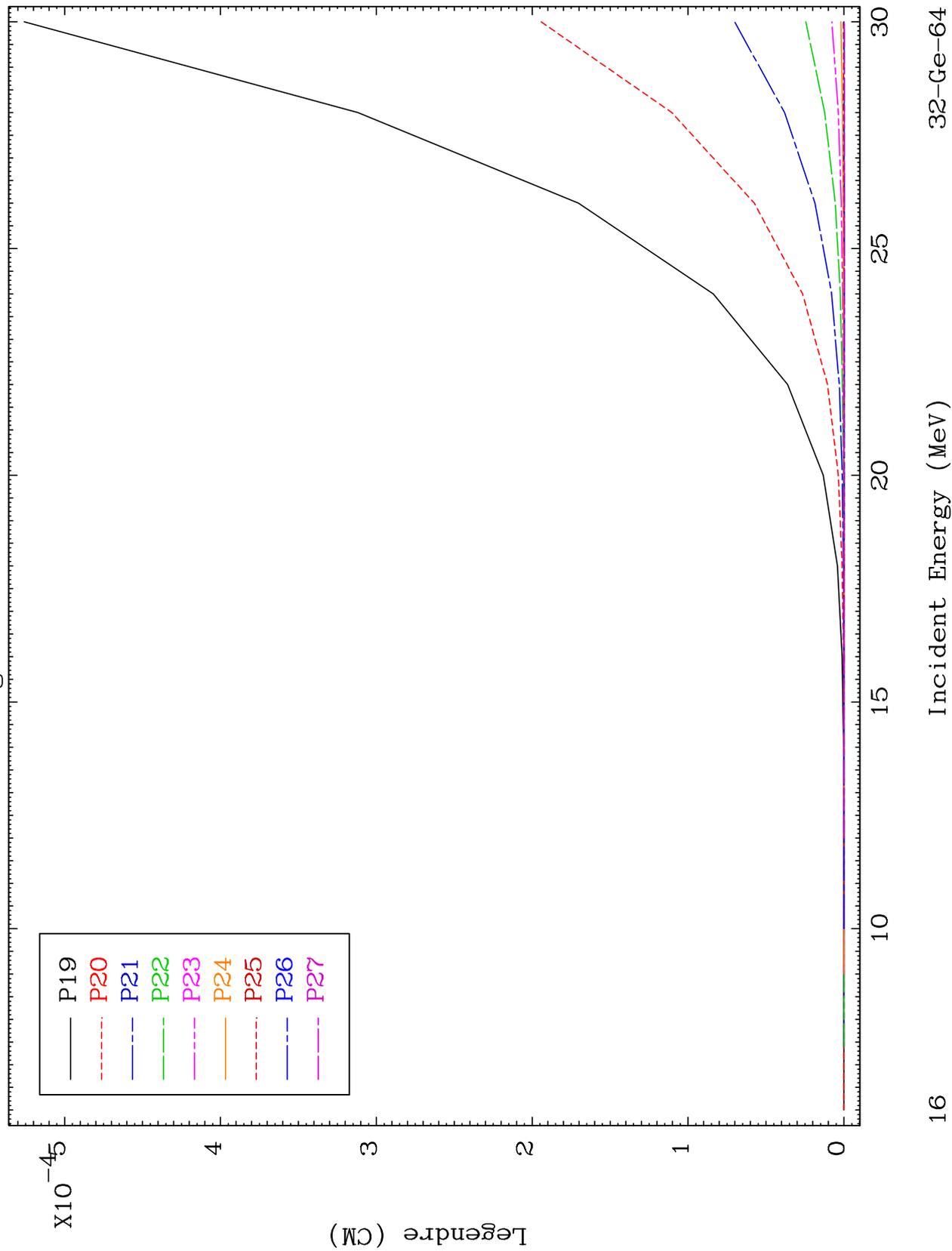
Incident Energy (MeV)

³²Ge-64

MAT 3207

Elastic
Legendre Coefficients

³²Ge-64



16

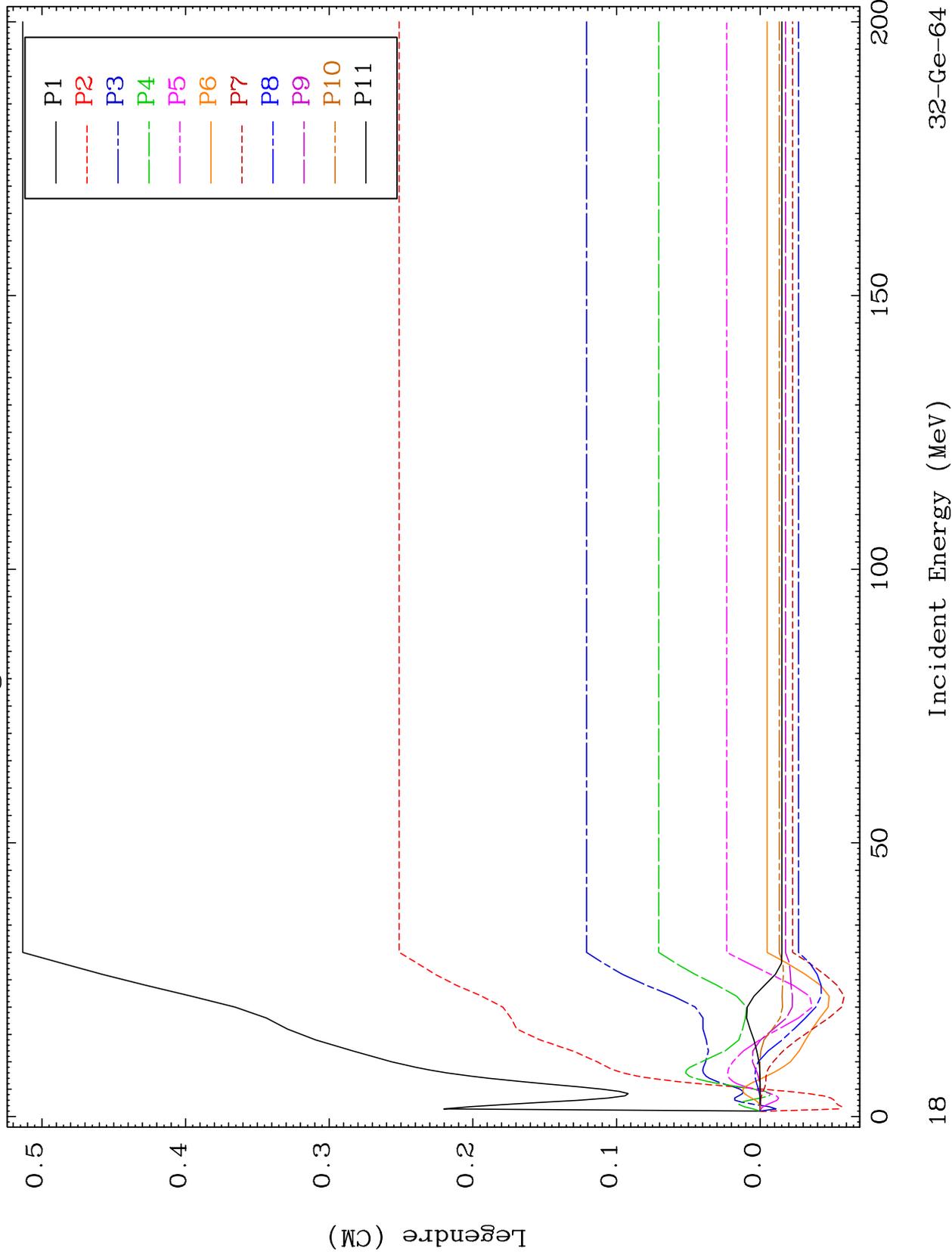
Incident Energy (MeV)

³²Ge-64

MAT 3207

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

32-Ge-64



18

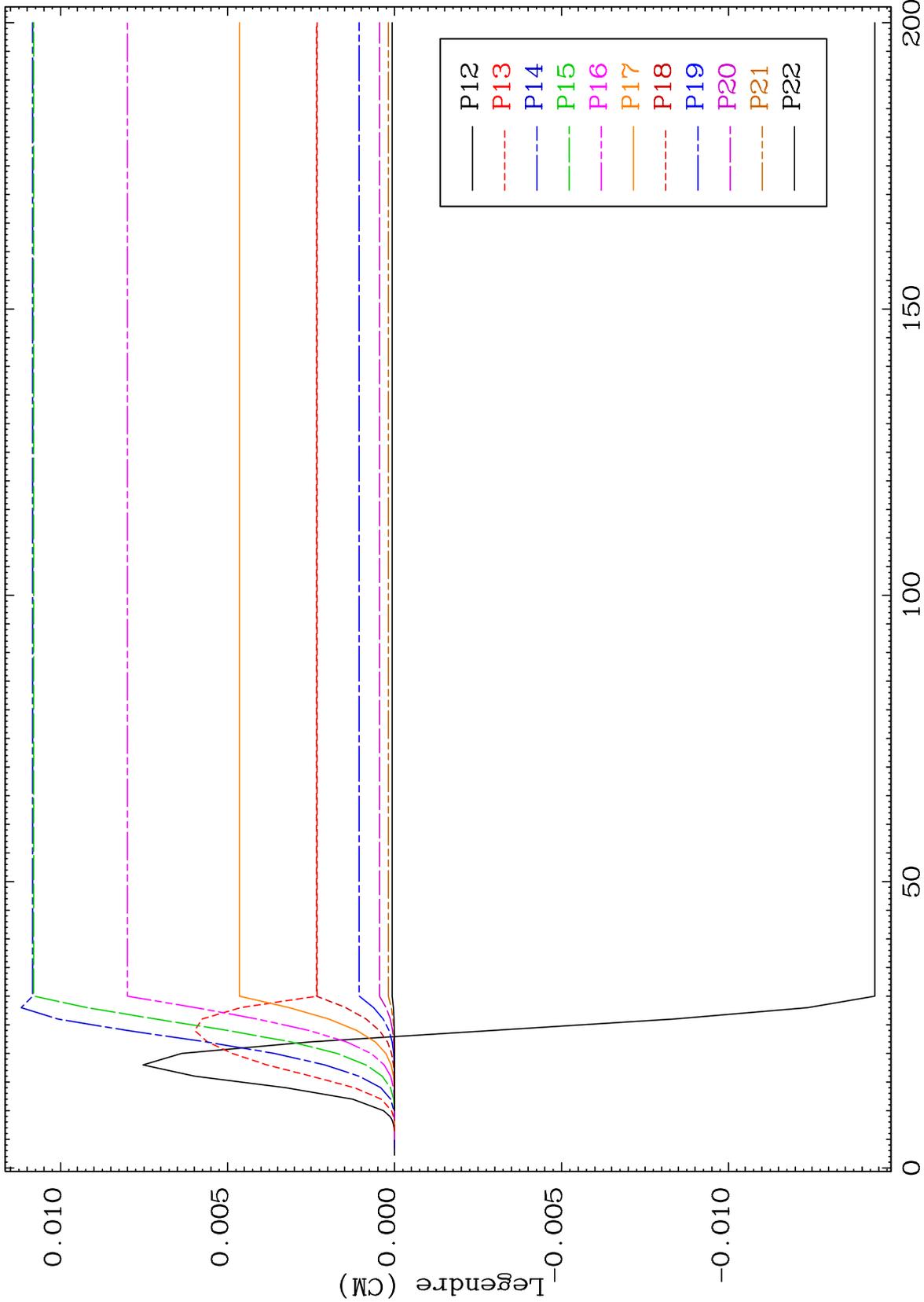
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



19

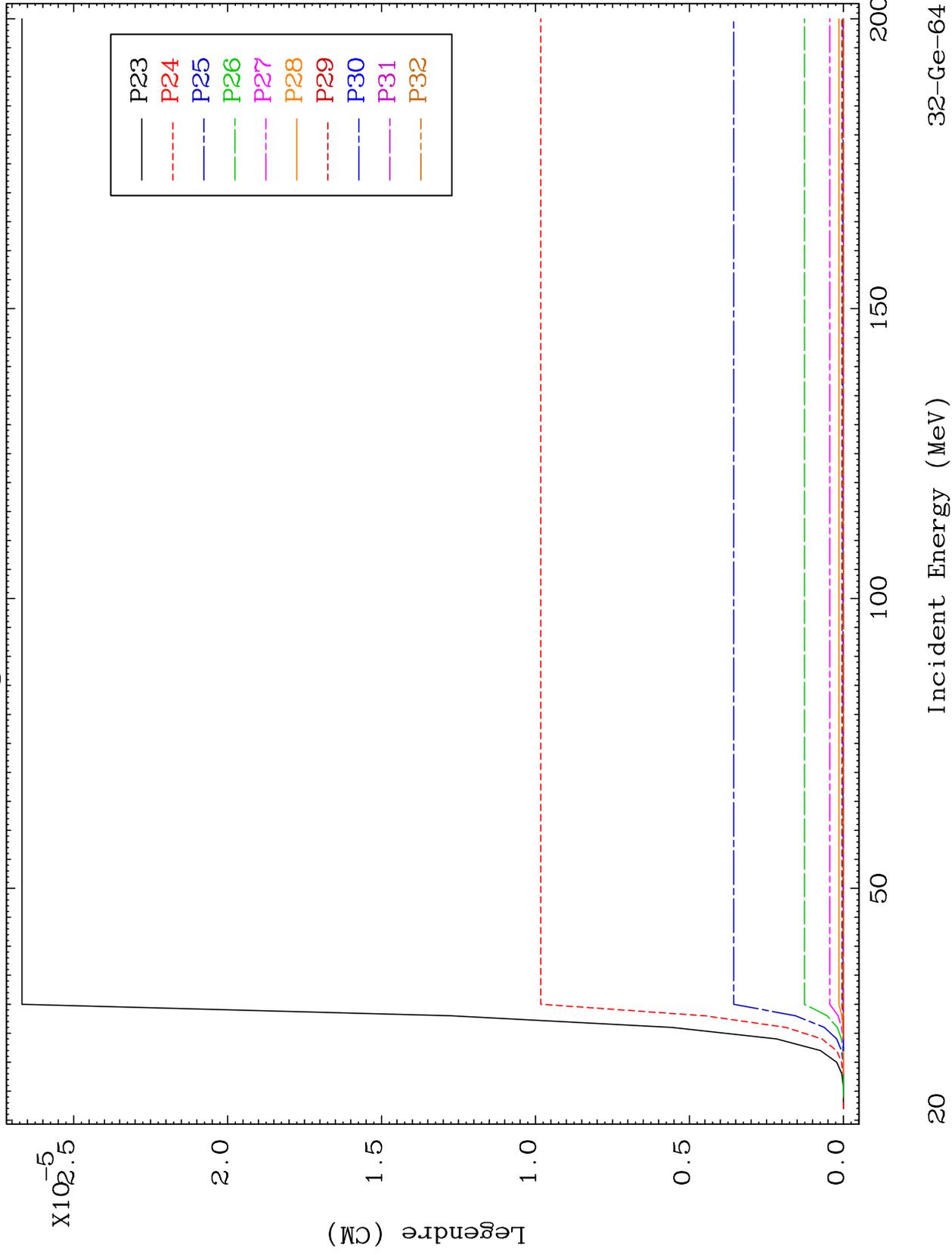
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

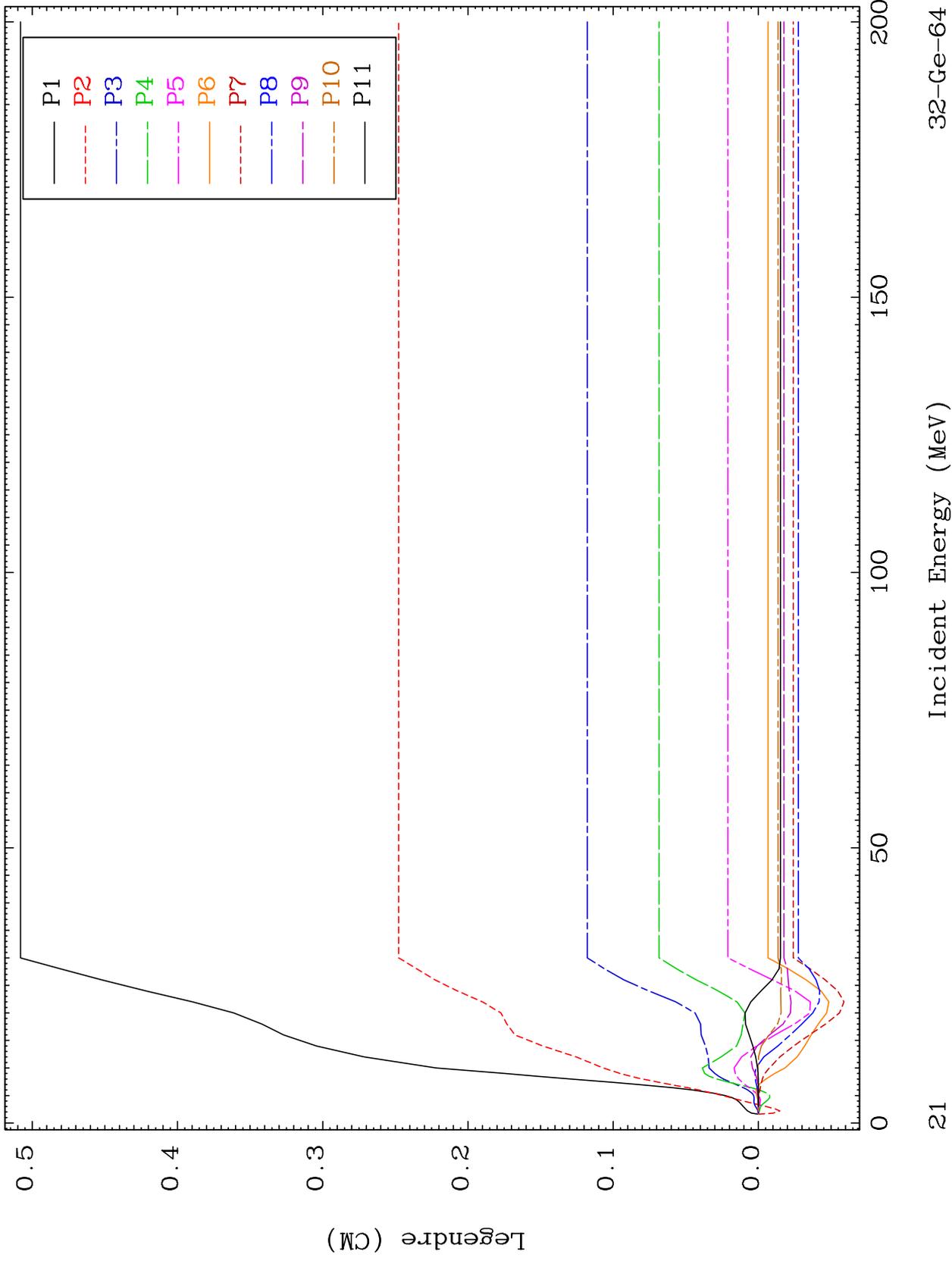
32-Ge-64



MAT 3207

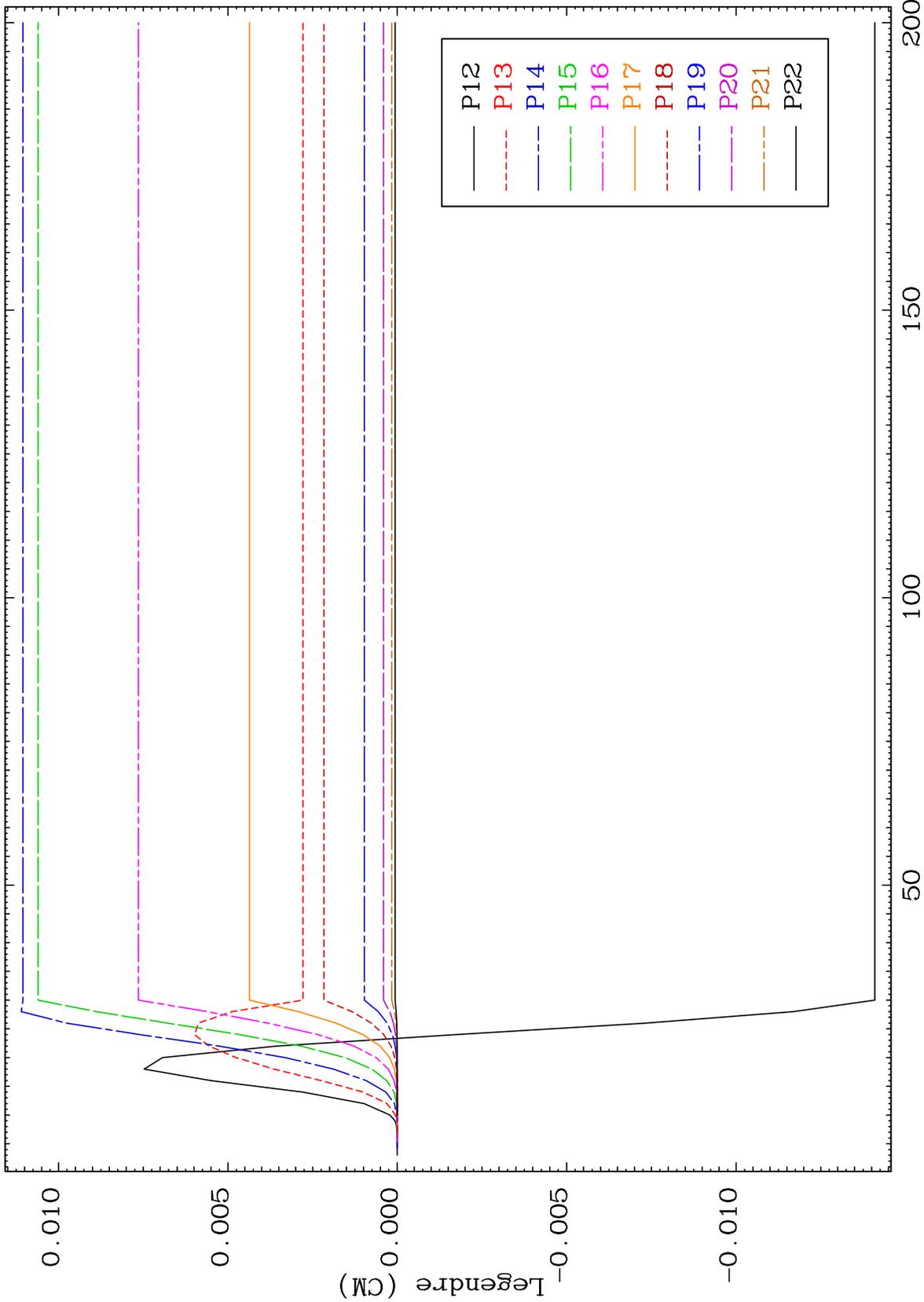
MT= 52 (n,n') Level
Legendre Coefficients

32-Ge-64



21

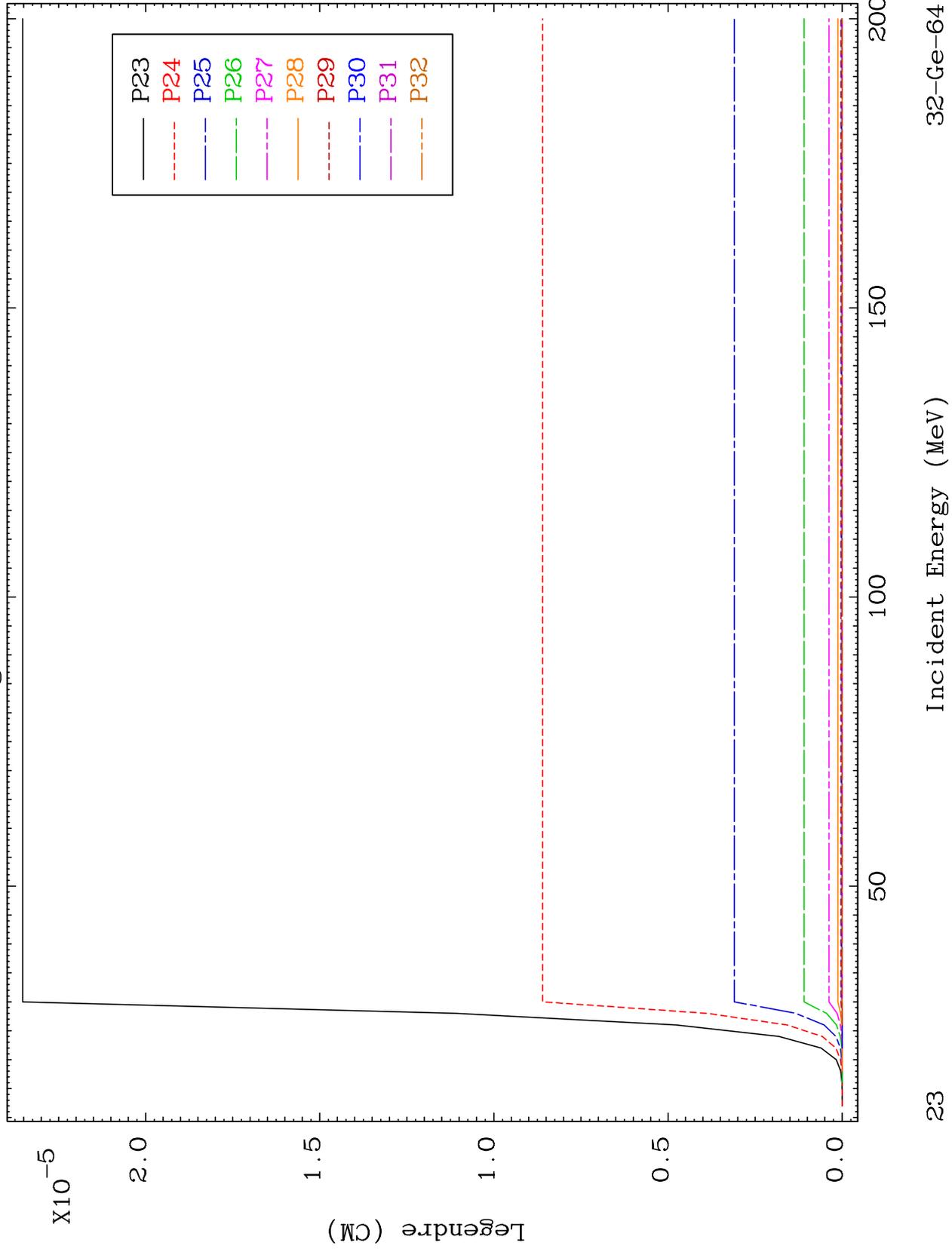
32-Ge-64



MAT 3207

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

32-Ge-64



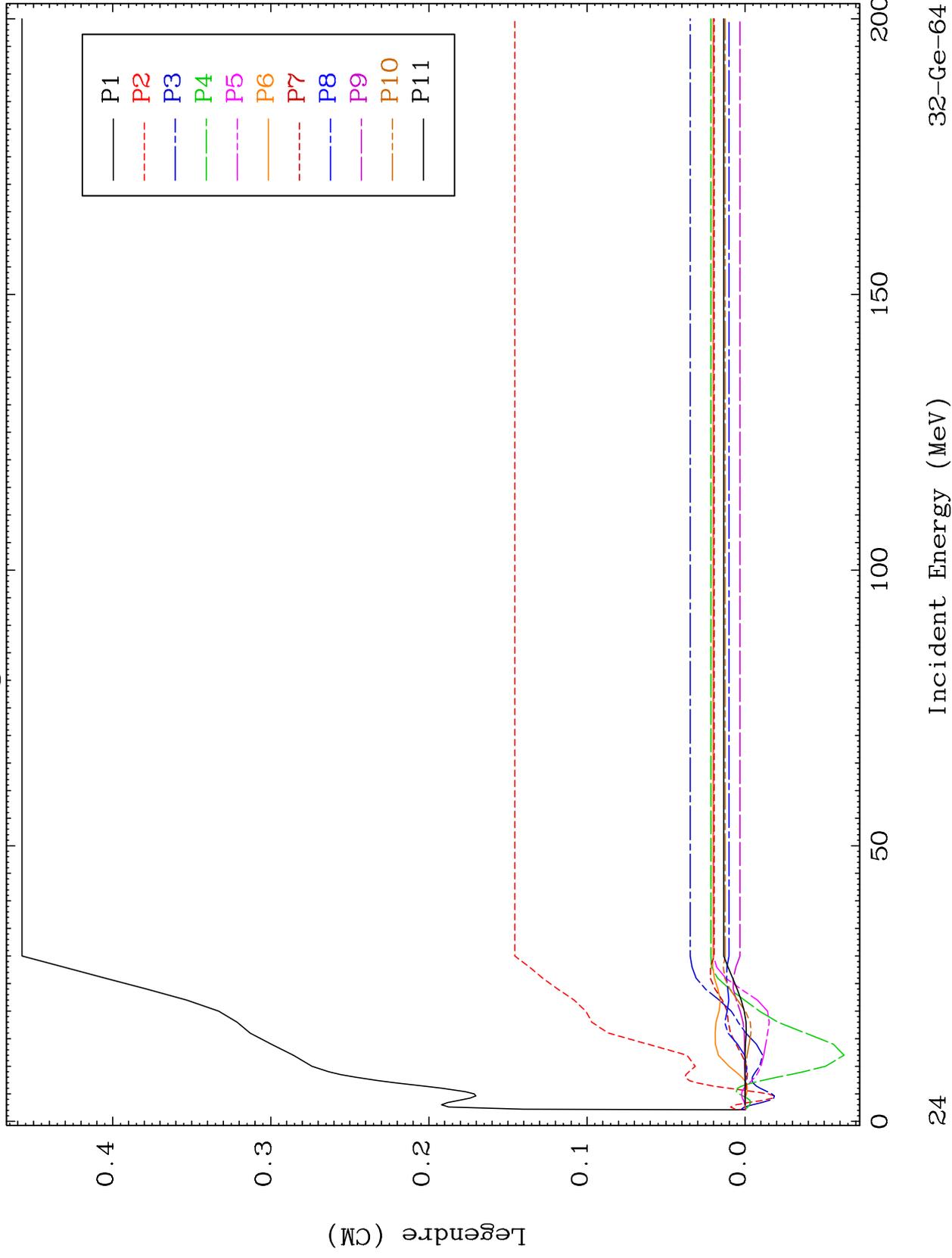
23

32-Ge-64

MAT 3207

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

32-Ge-64



32-Ge-64

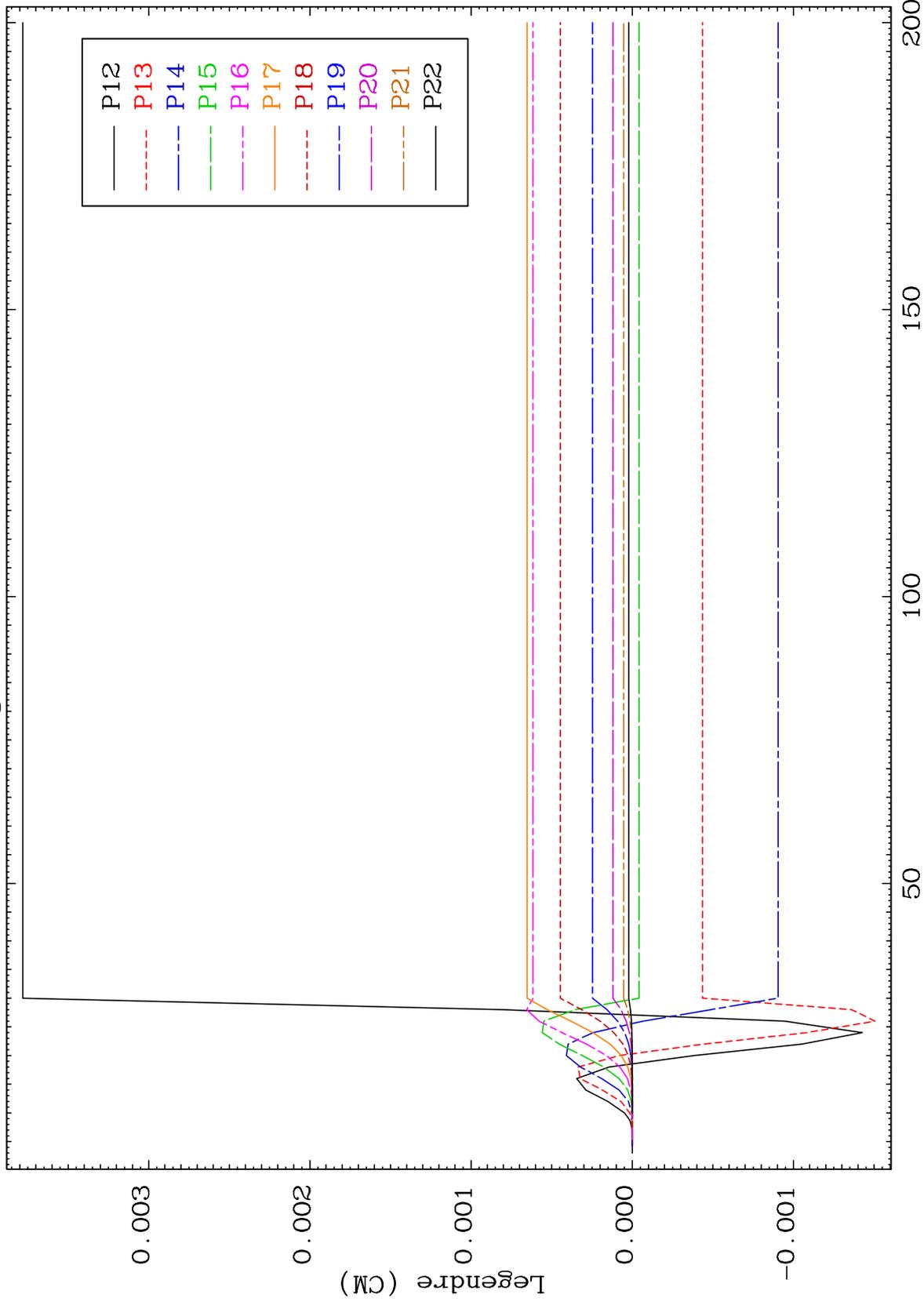
Incident Energy (MeV)

24

MAT 3207

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

32-Ge-64



25

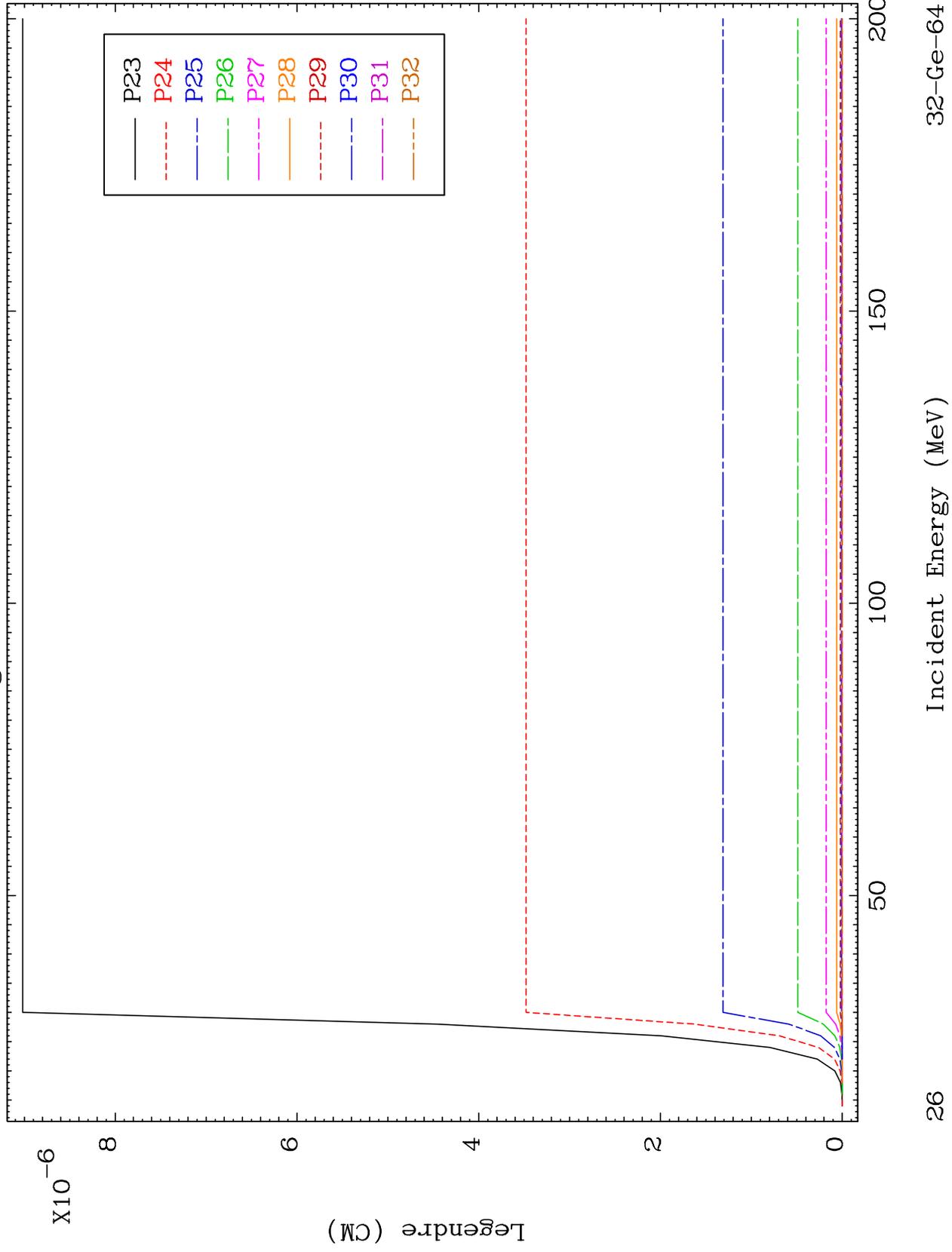
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



26

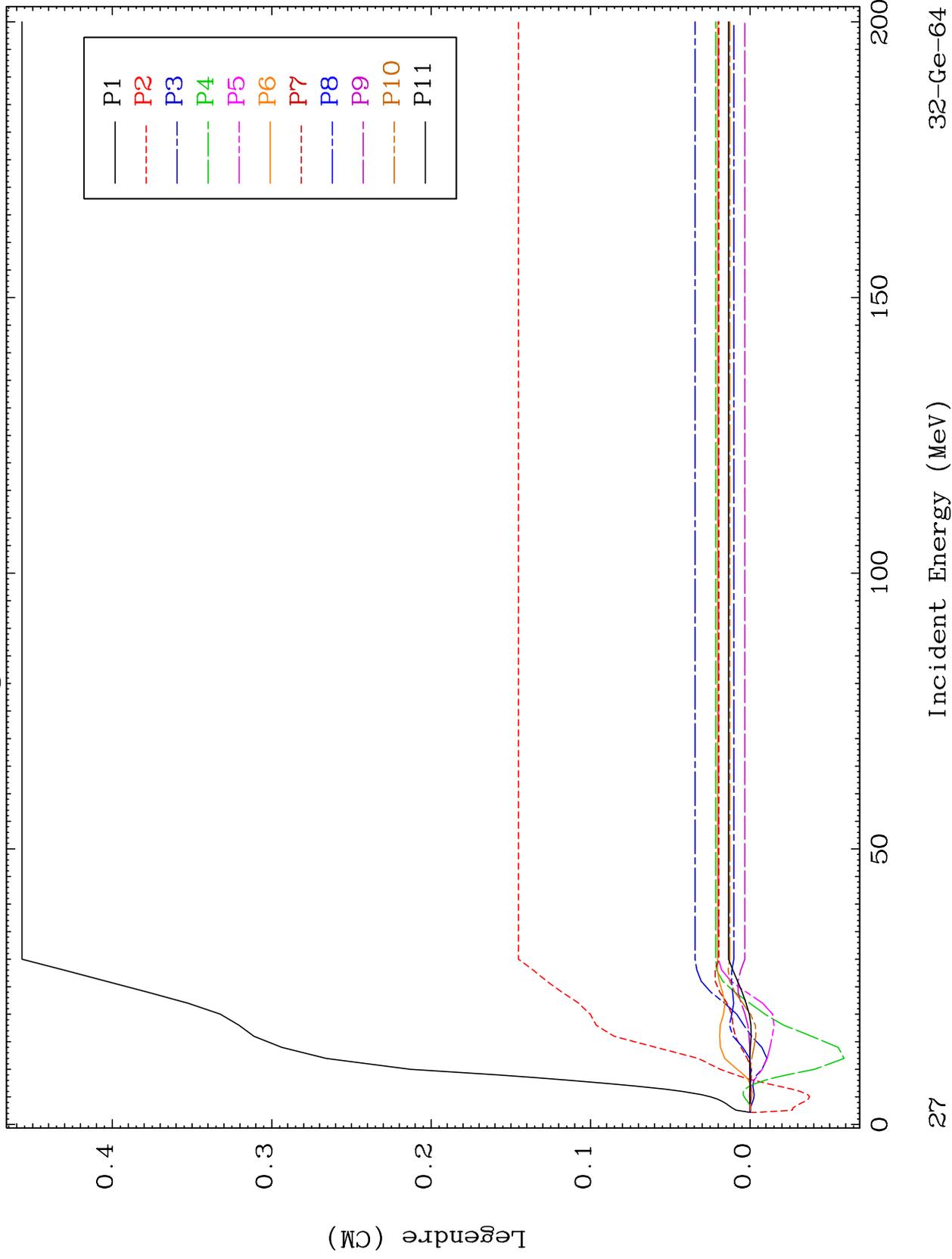
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



27

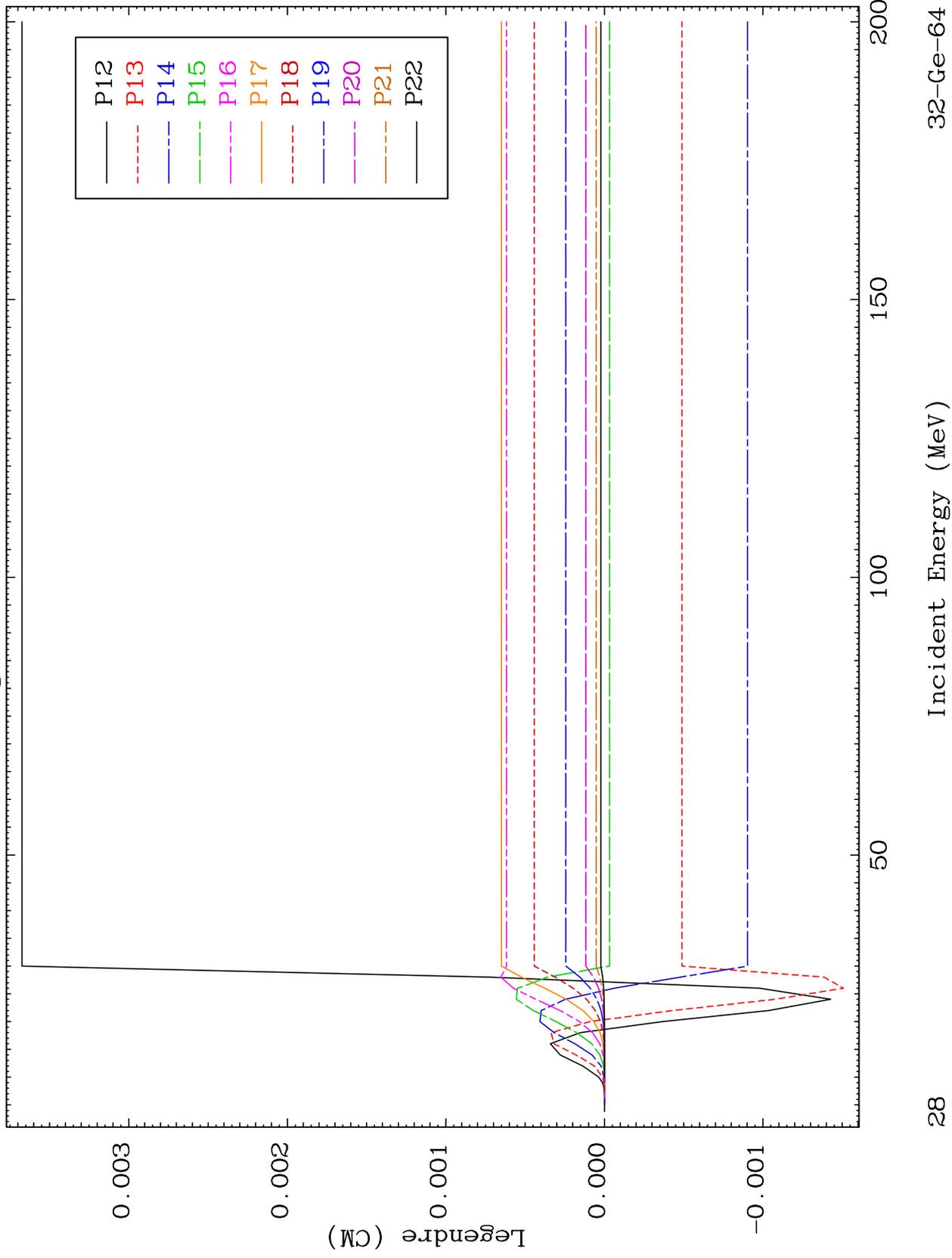
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



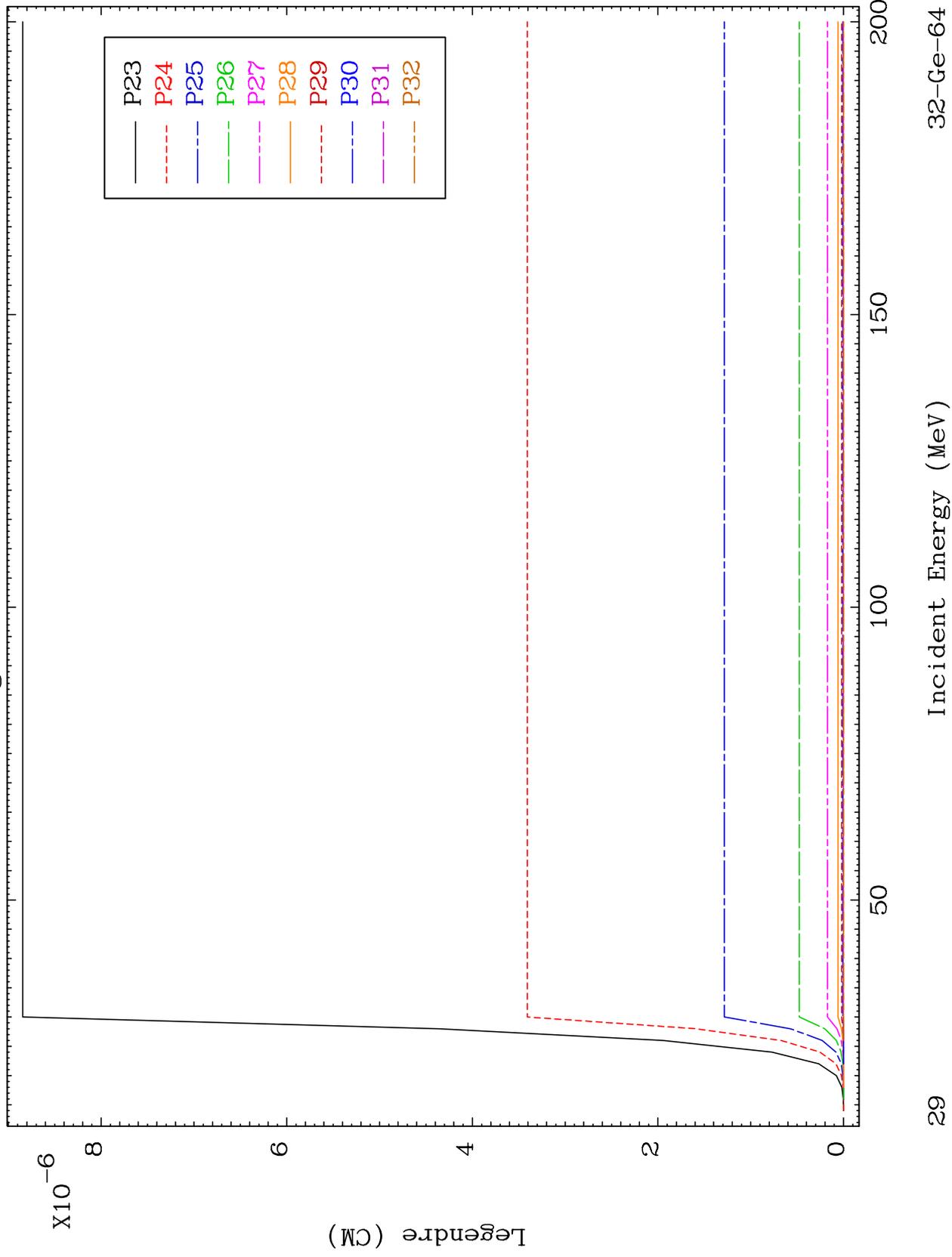
28

32-Ge-64

MAT 3207

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

32-Ge-64



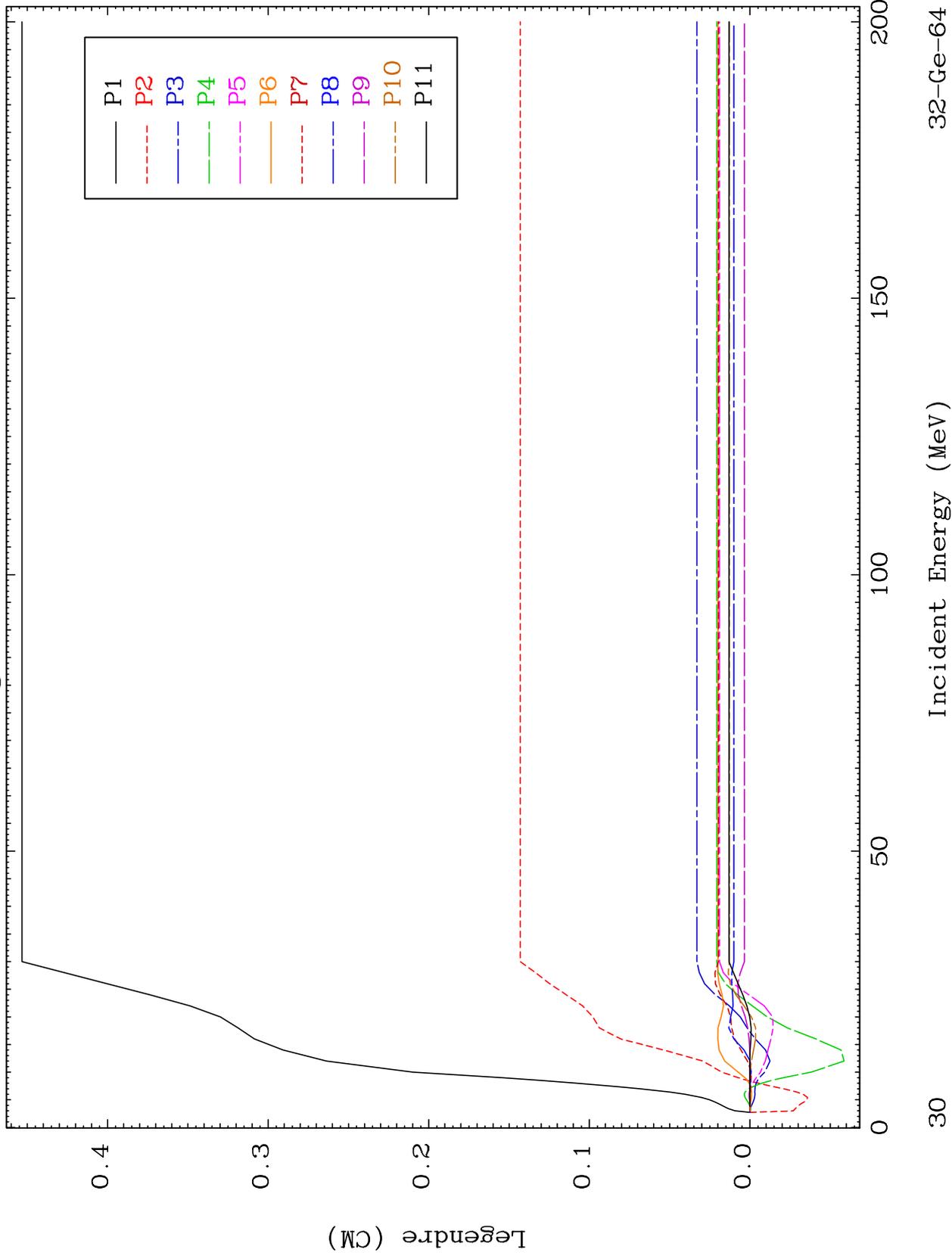
29

32-Ge-64

MAT 3207

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

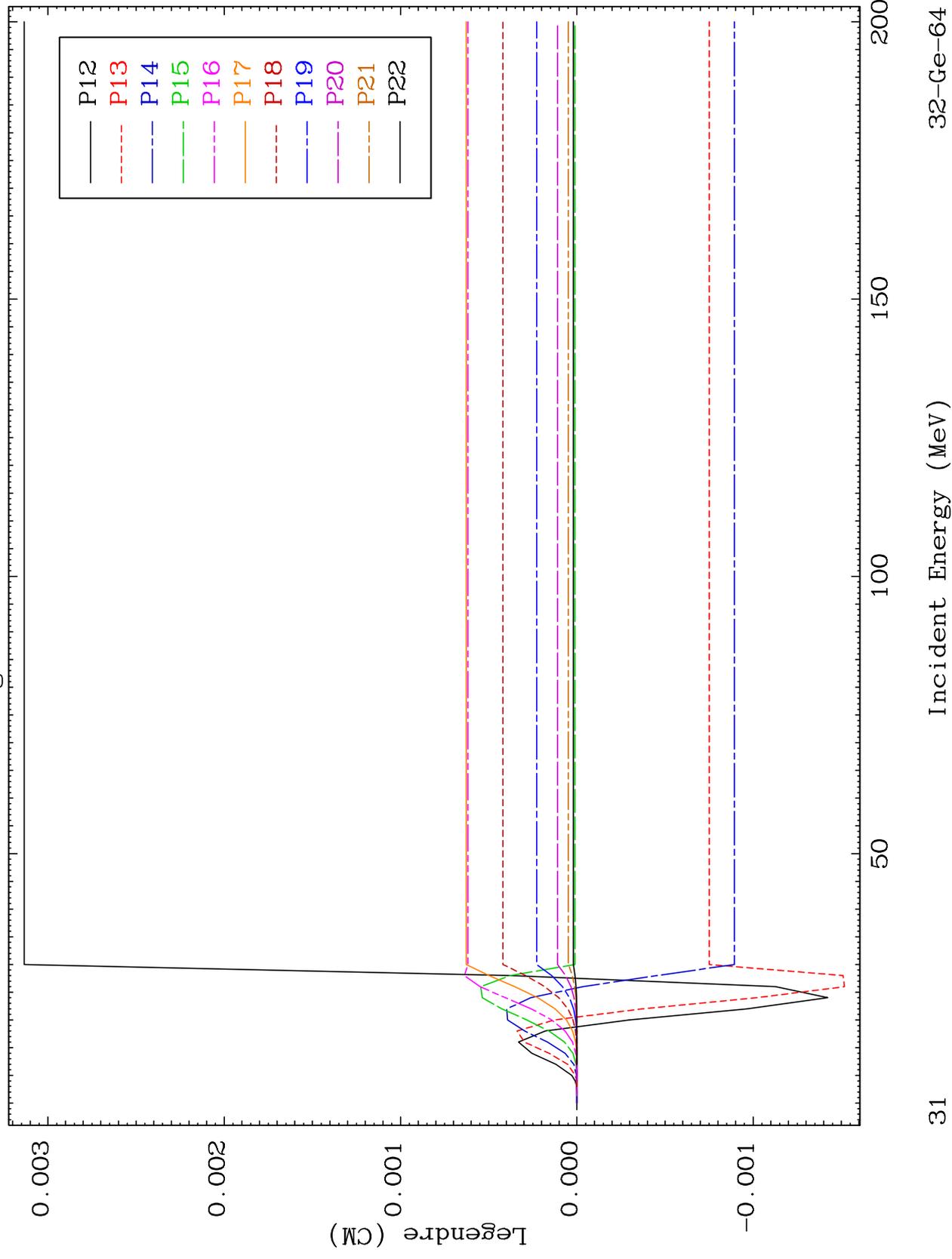
32-Ge-64



32-Ge-64

Incident Energy (MeV)

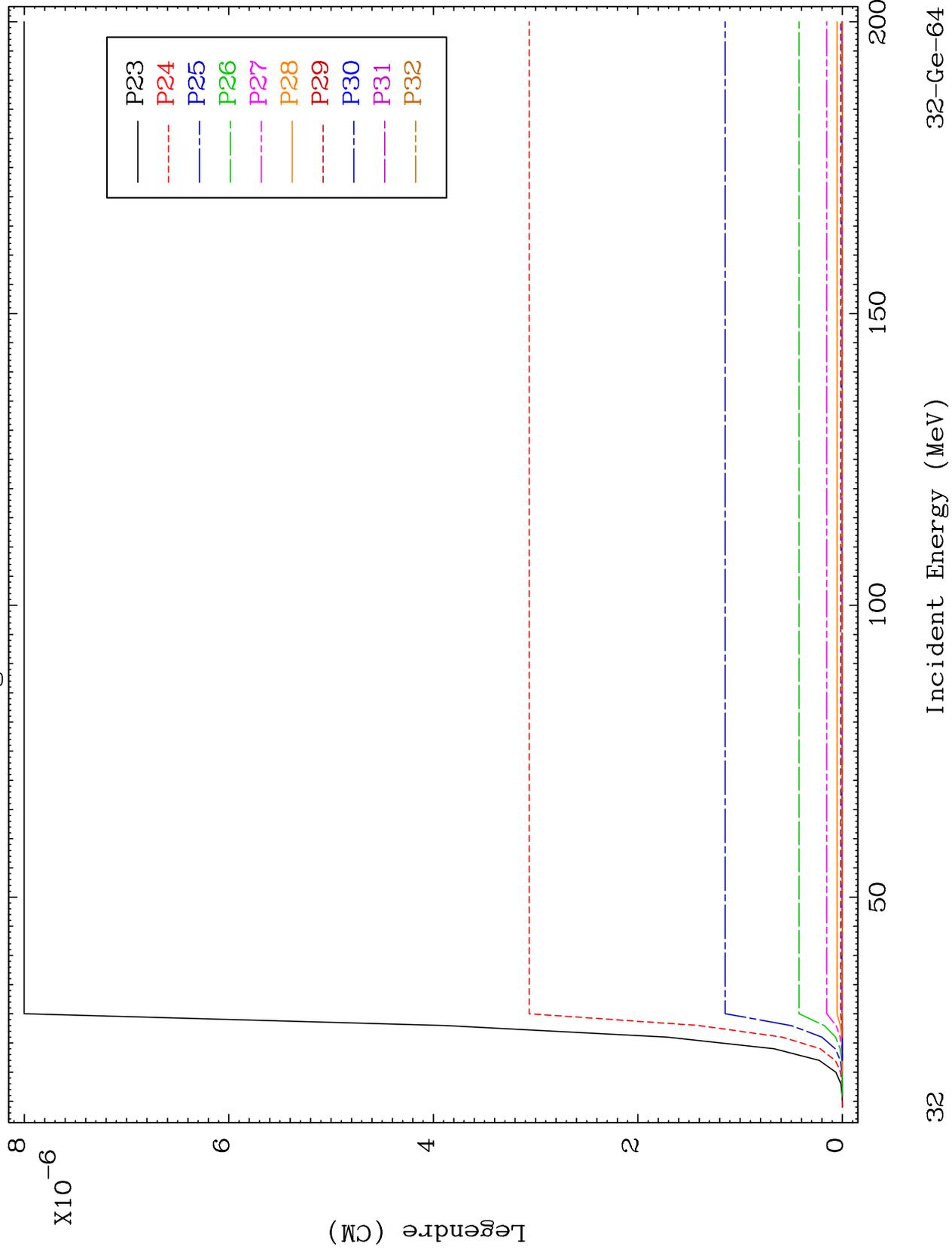
30



MAT 3207

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

³²Ge-64



32

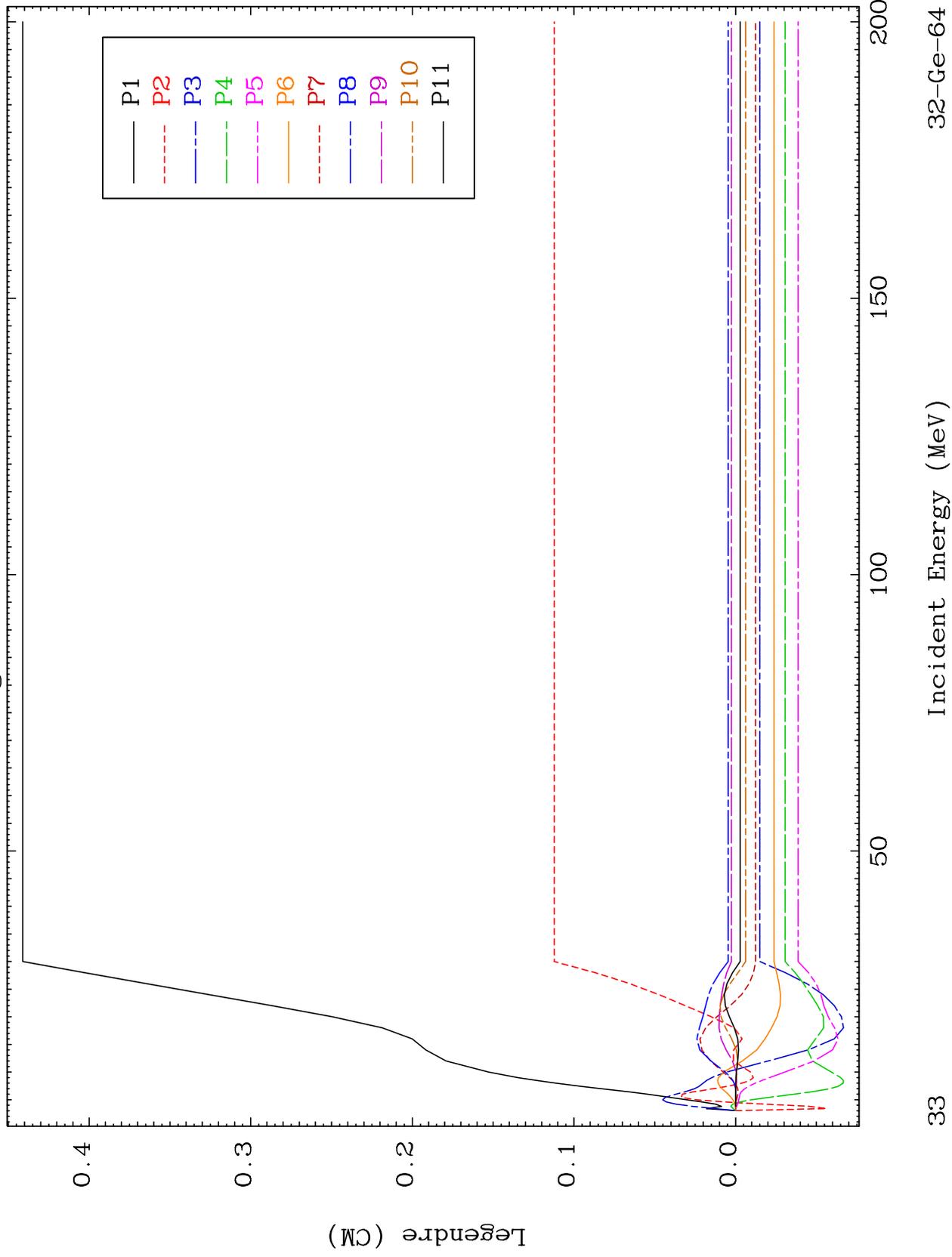
Incident Energy (MeV)

³²Ge-64

MAT 3207

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

32-Ge-64



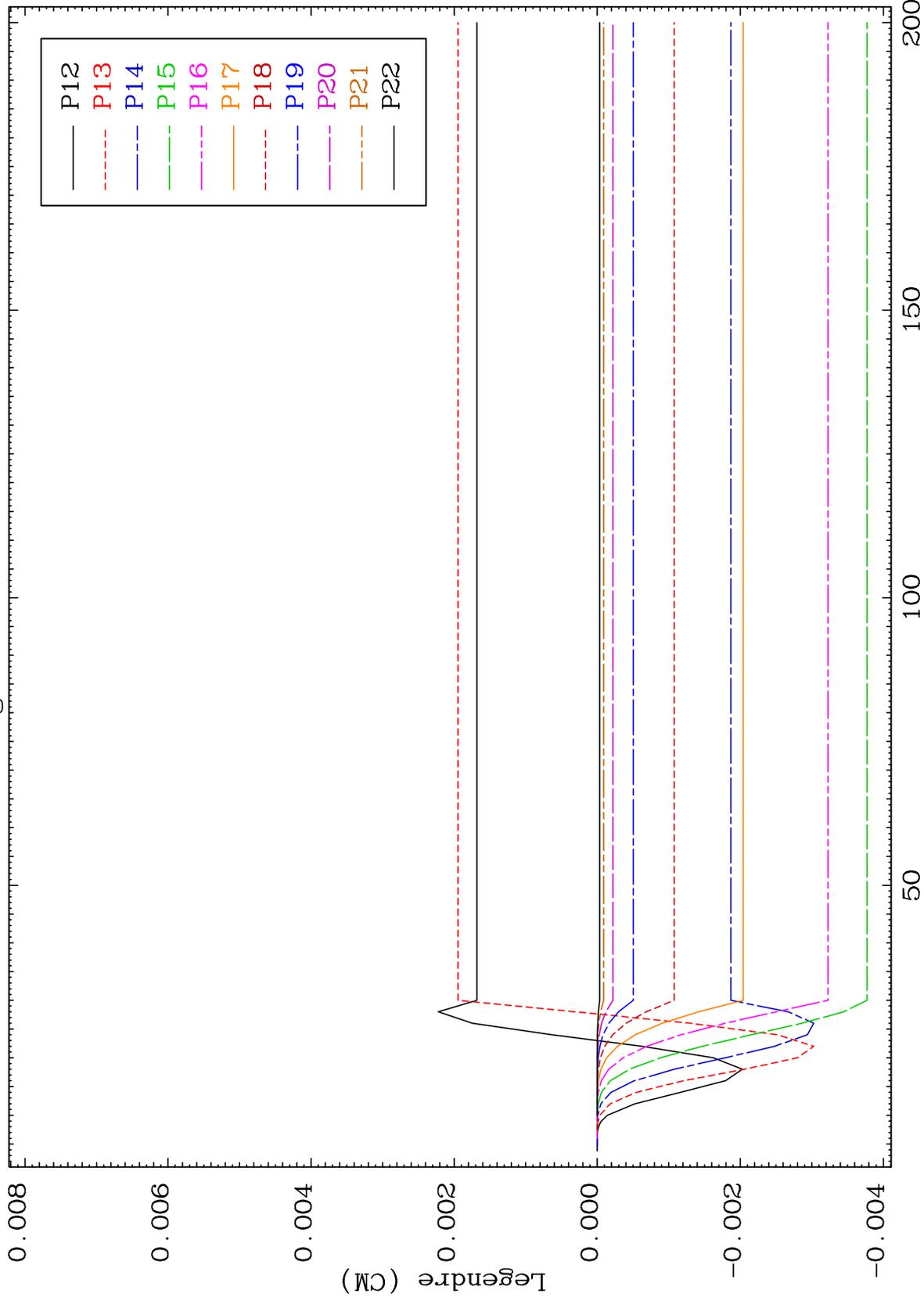
33

32-Ge-64

MAT 3207

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

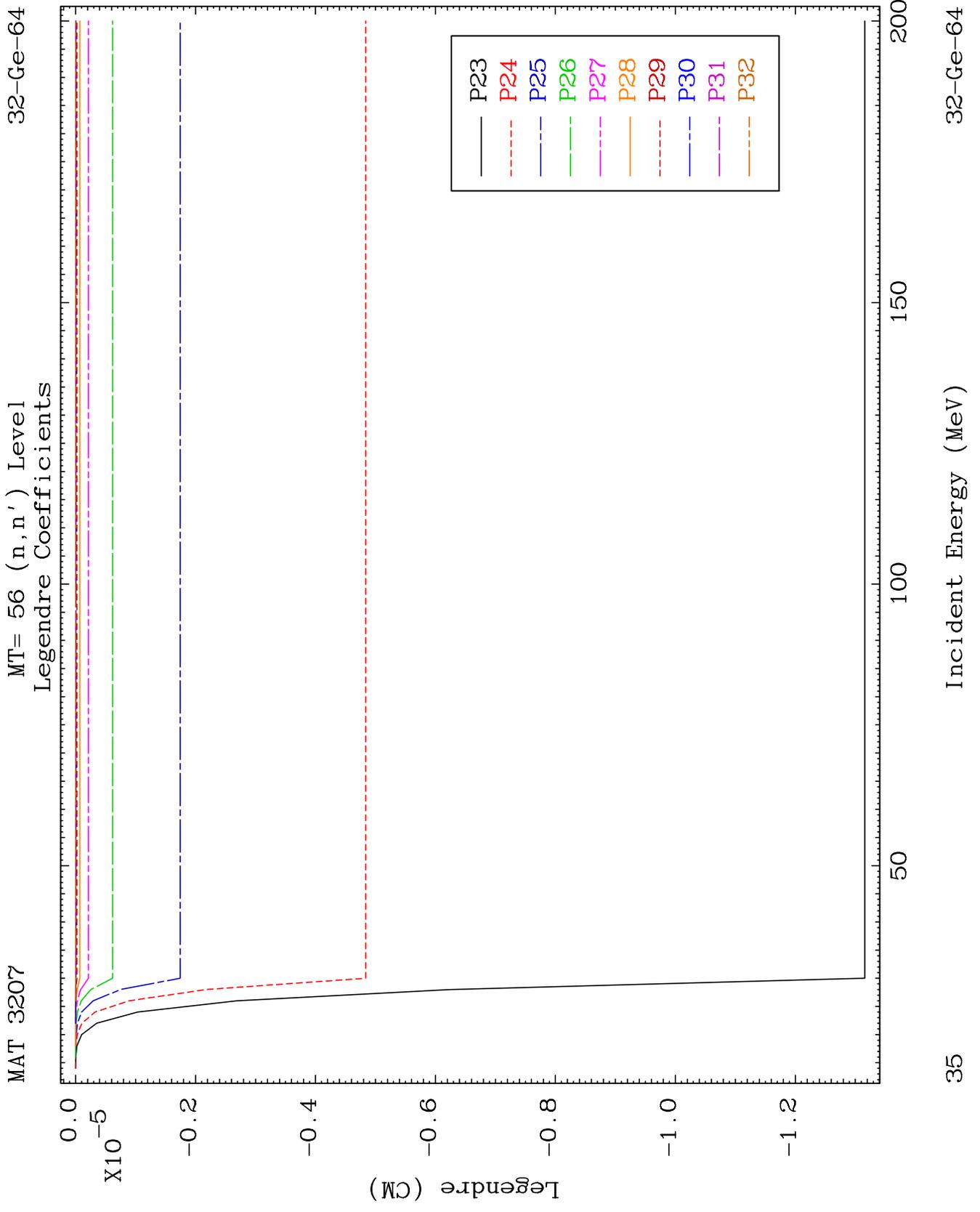
32-Ge-64



34

Incident Energy (MeV)

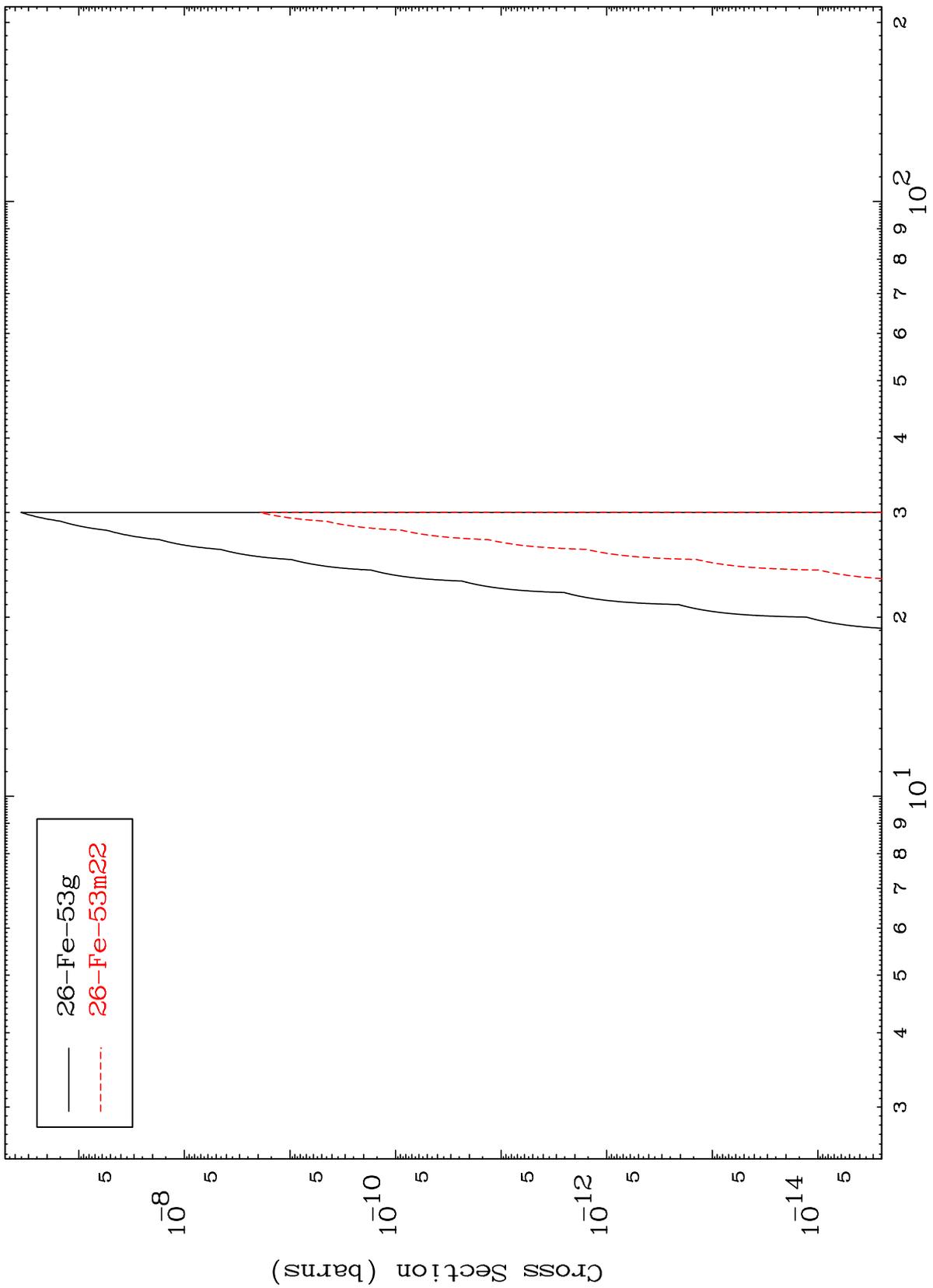
32-Ge-64



MAT 3207

³²Ge-64

(n, 3α)
Radionuclide Production Cross Section



36

Incident Energy (MeV)

³²Ge-64