

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

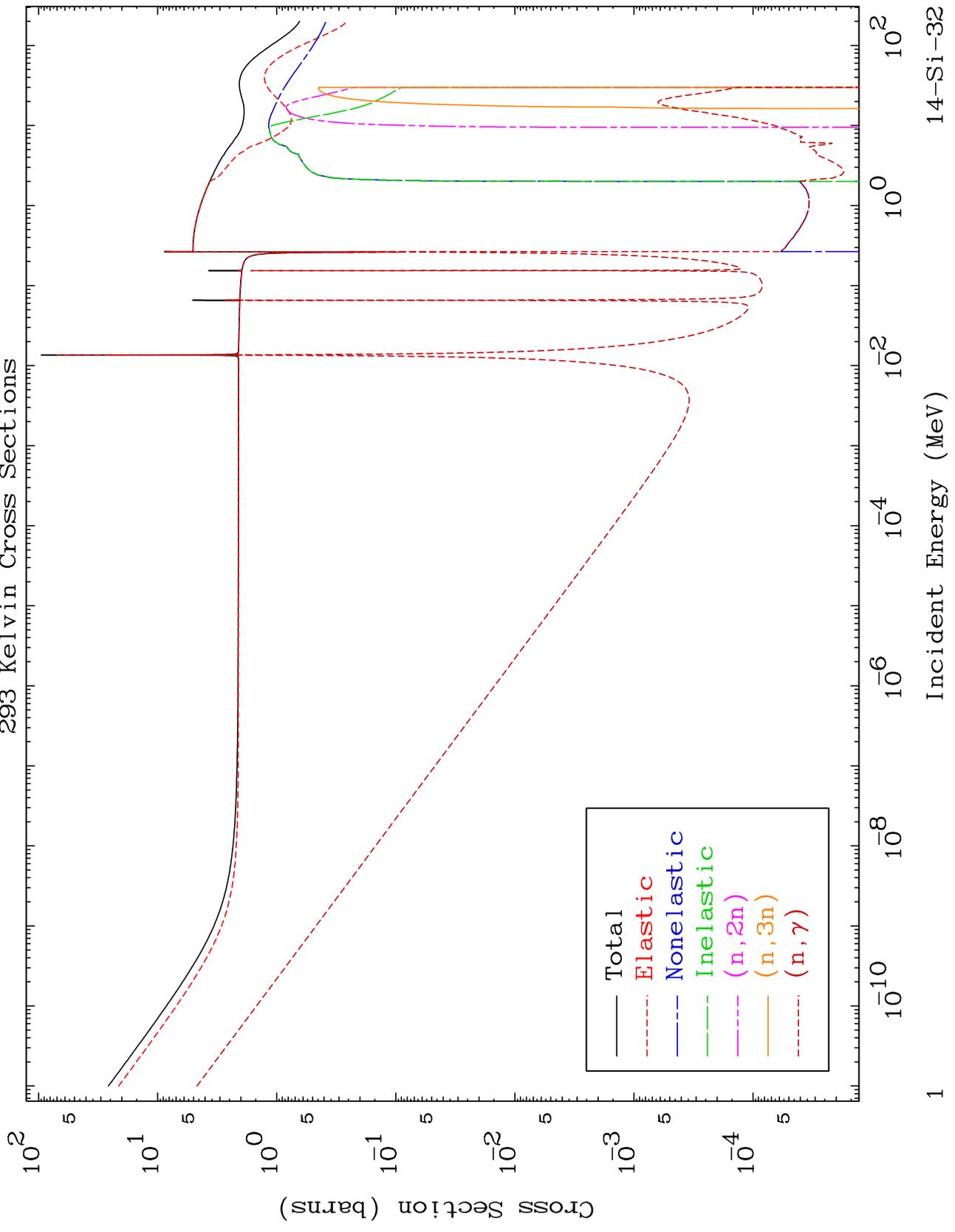
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1437

Neutron Major
293 Kelvin Cross Sections

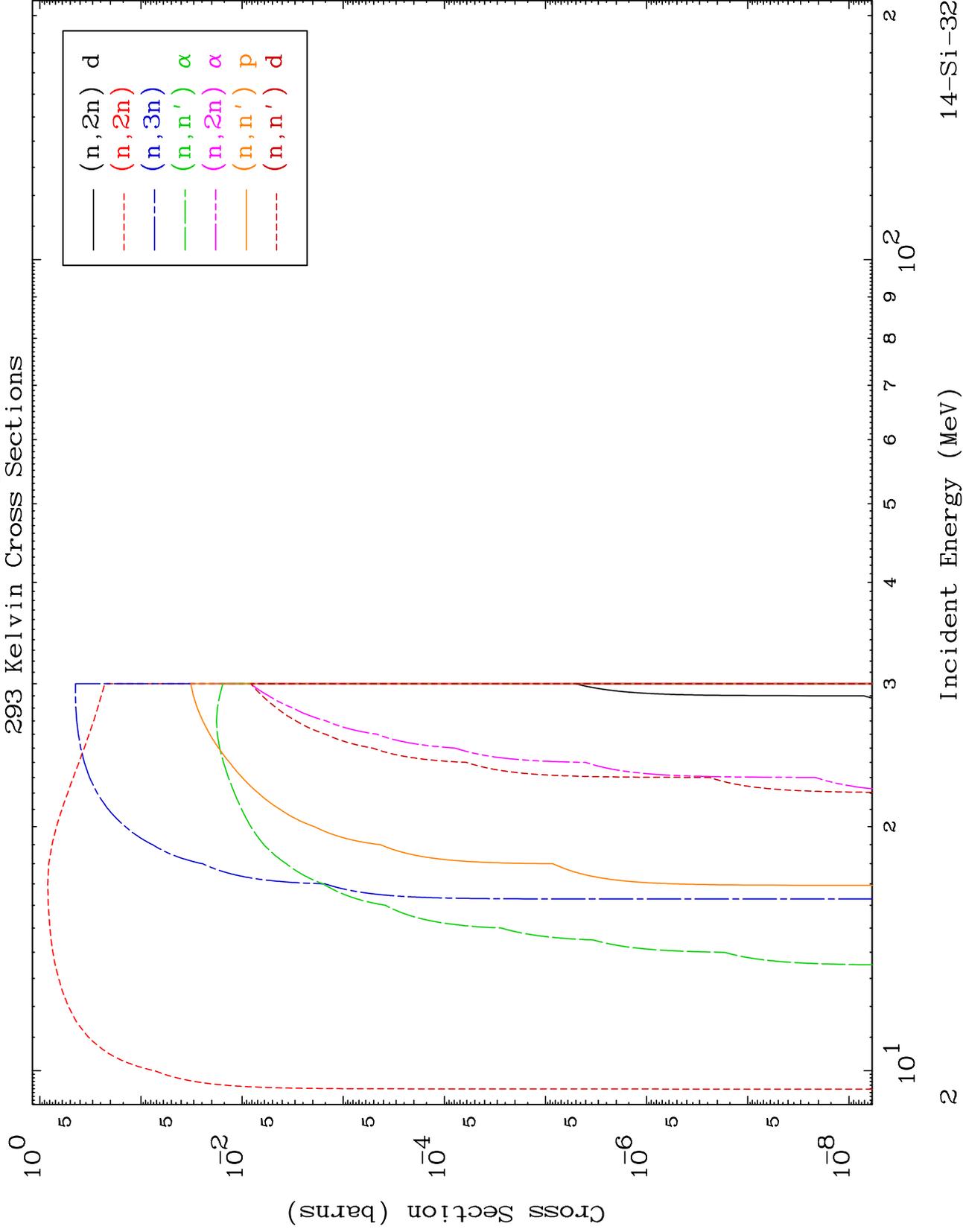
14-Si-32



MAT 1437

Neutron Absorption
293 Kelvin Cross Sections

14-Si-32

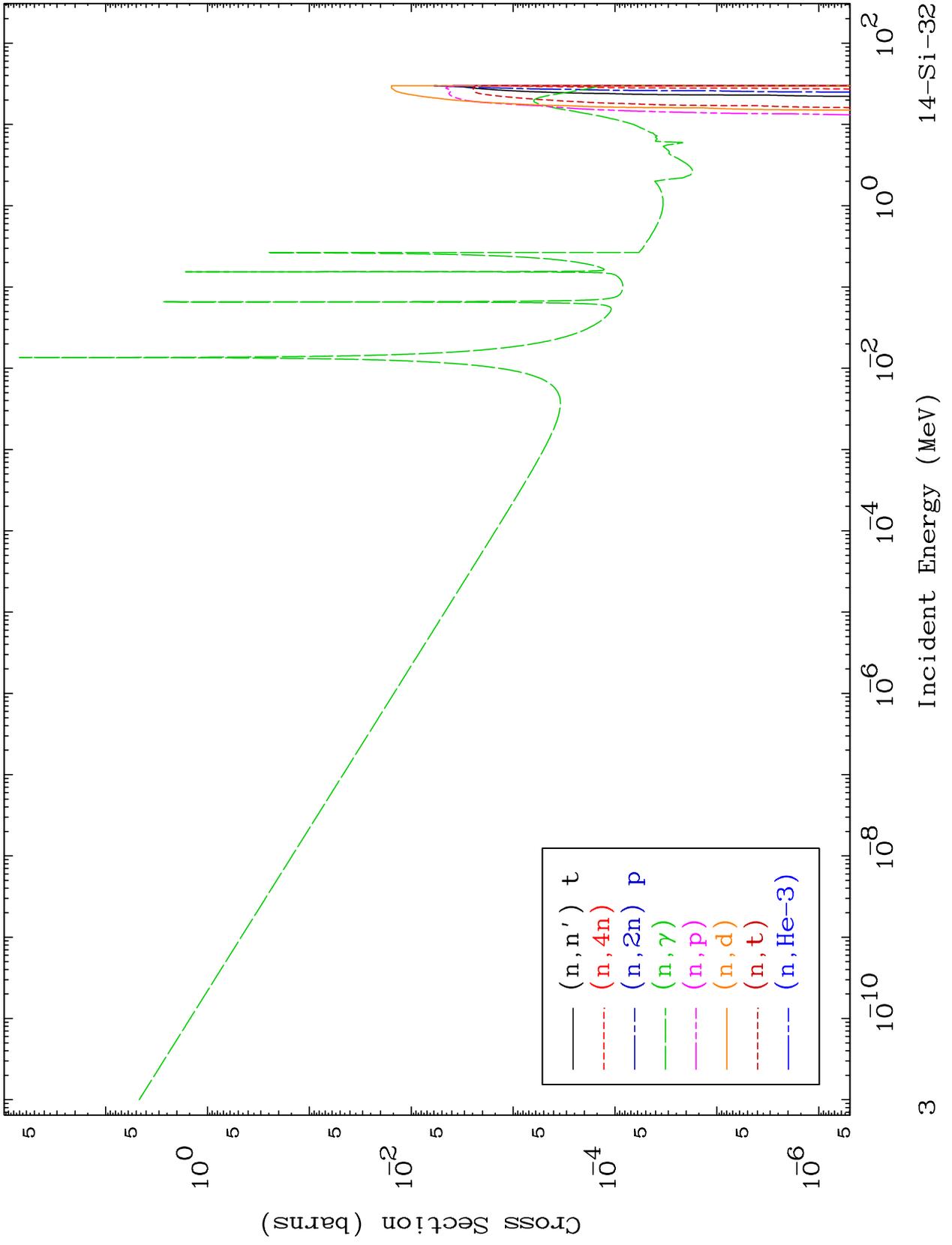


14-Si-32

MAT 1437

Neutron Absorption
293 Kelvin Cross Sections

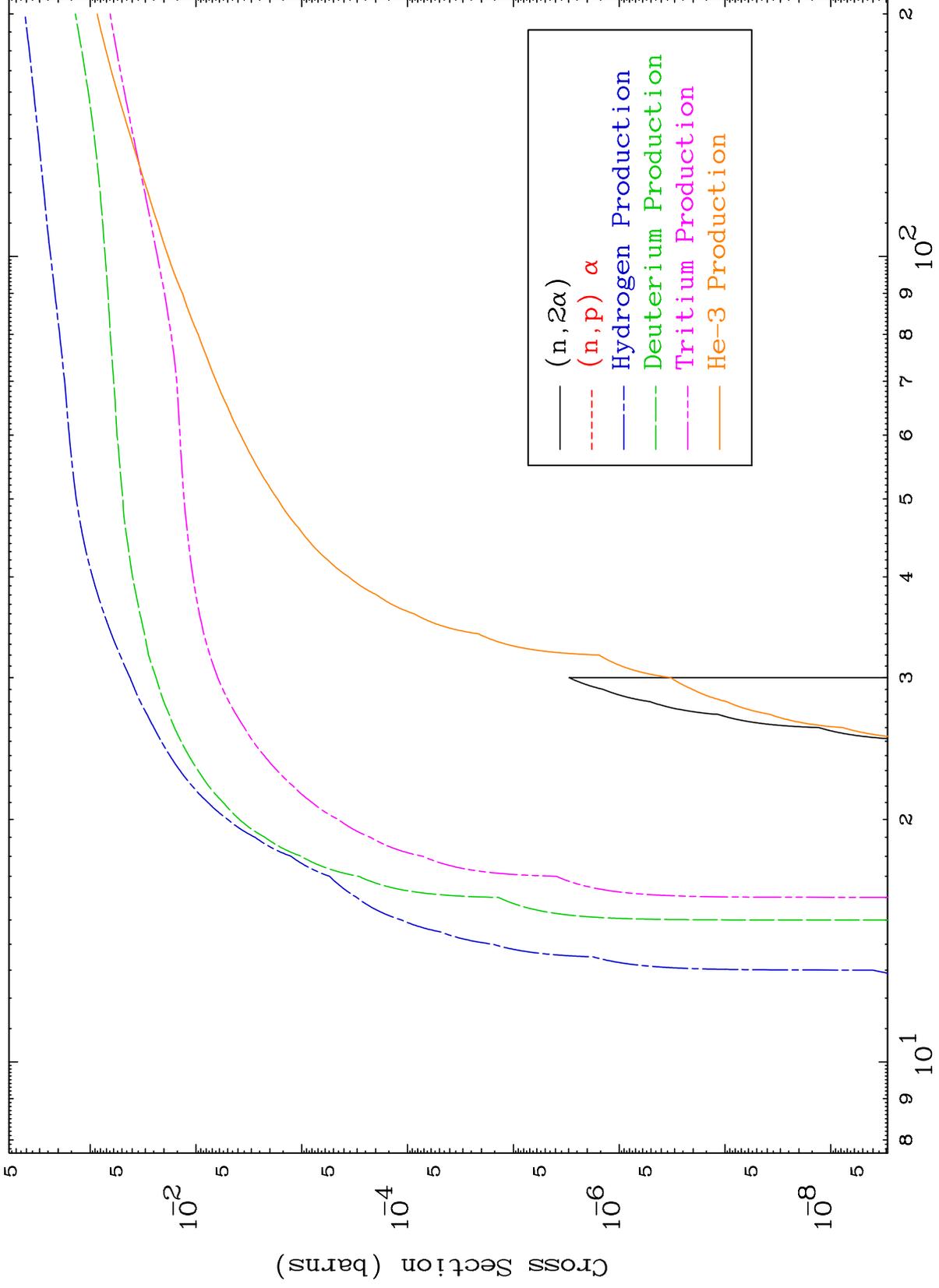
14-Si-32



MAT 1437

Neutron Absorption
293 Kelvin Cross Sections

14-Si-32



4

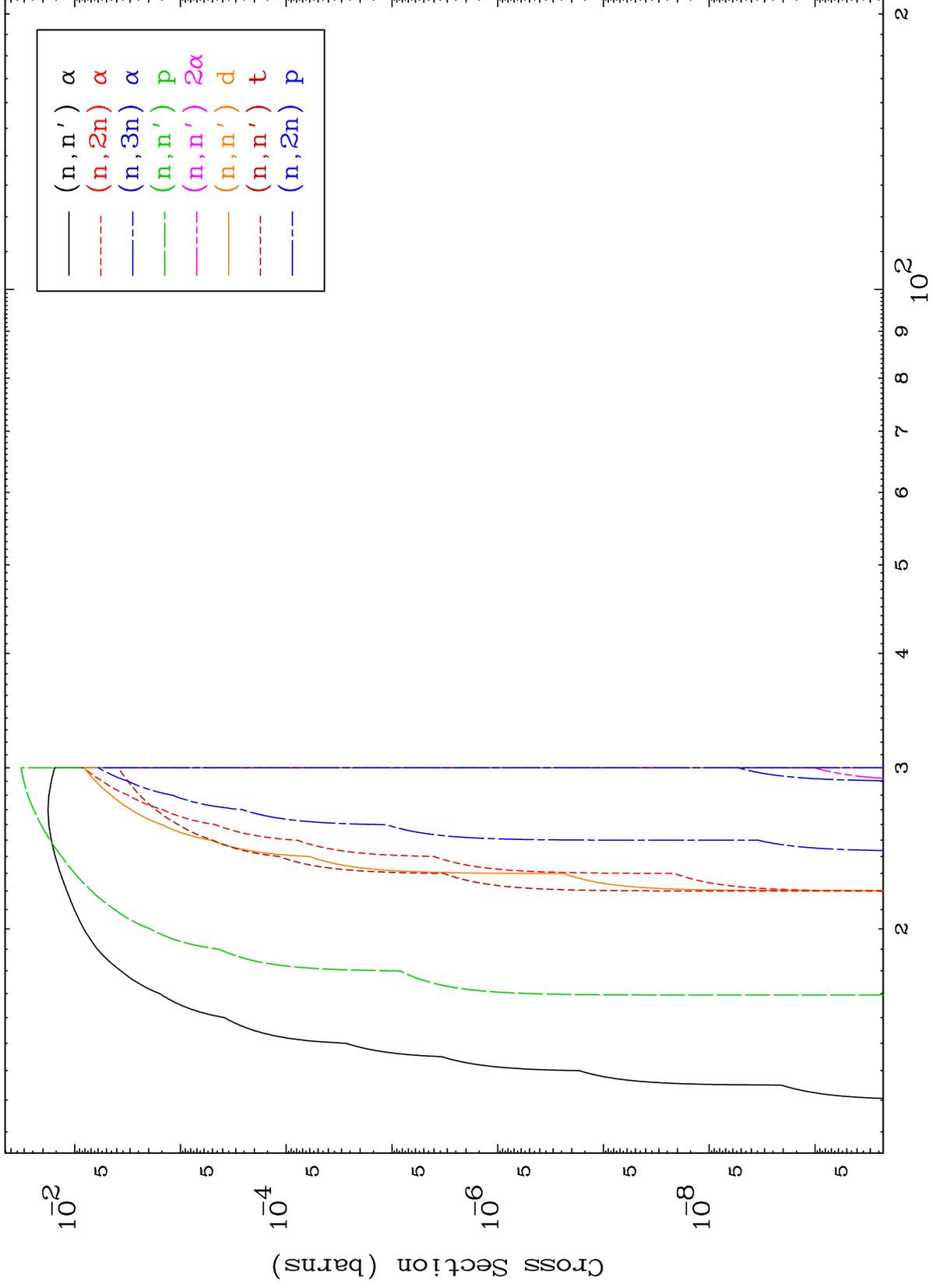
Incident Energy (MeV)

14-Si-32

MAT 1437

Charged Particle
293 Kelvin Cross Sections

¹⁴Si-32



5

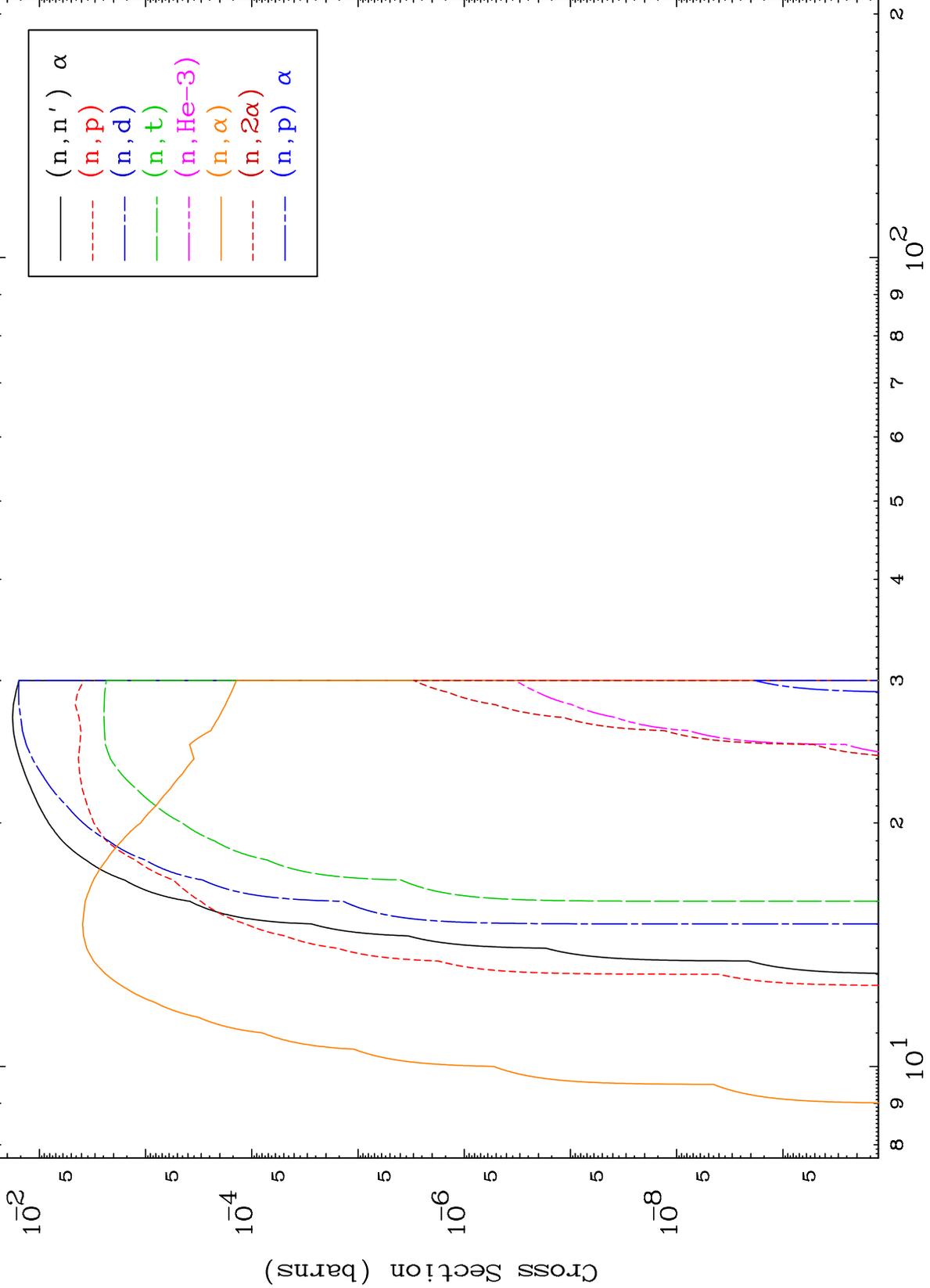
Incident Energy (MeV)

¹⁴Si-32

MAT 1437

Charged Particle
293 Kelvin Cross Sections

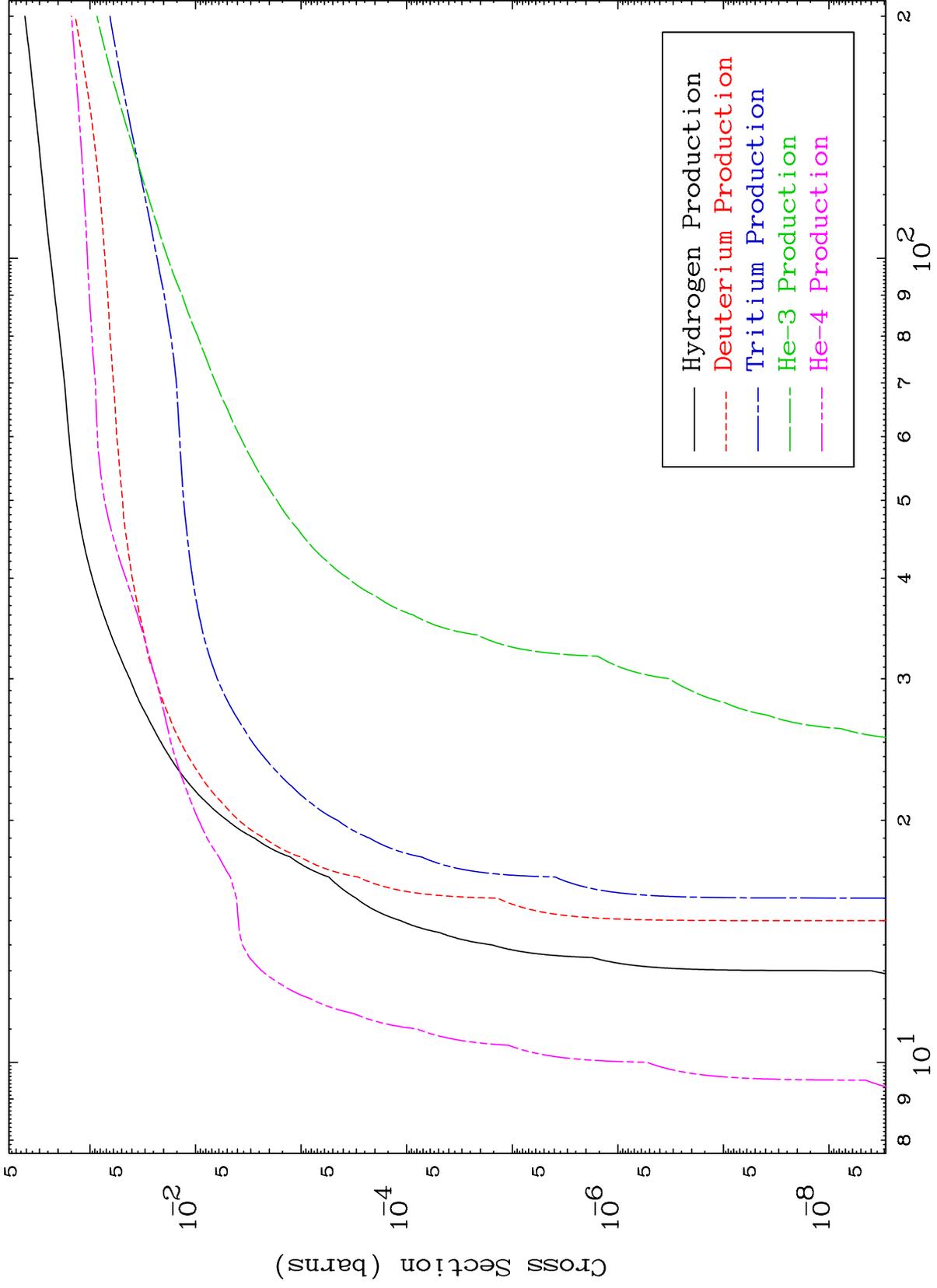
14-Si-32



Incident Energy (MeV)

14-Si-32

6

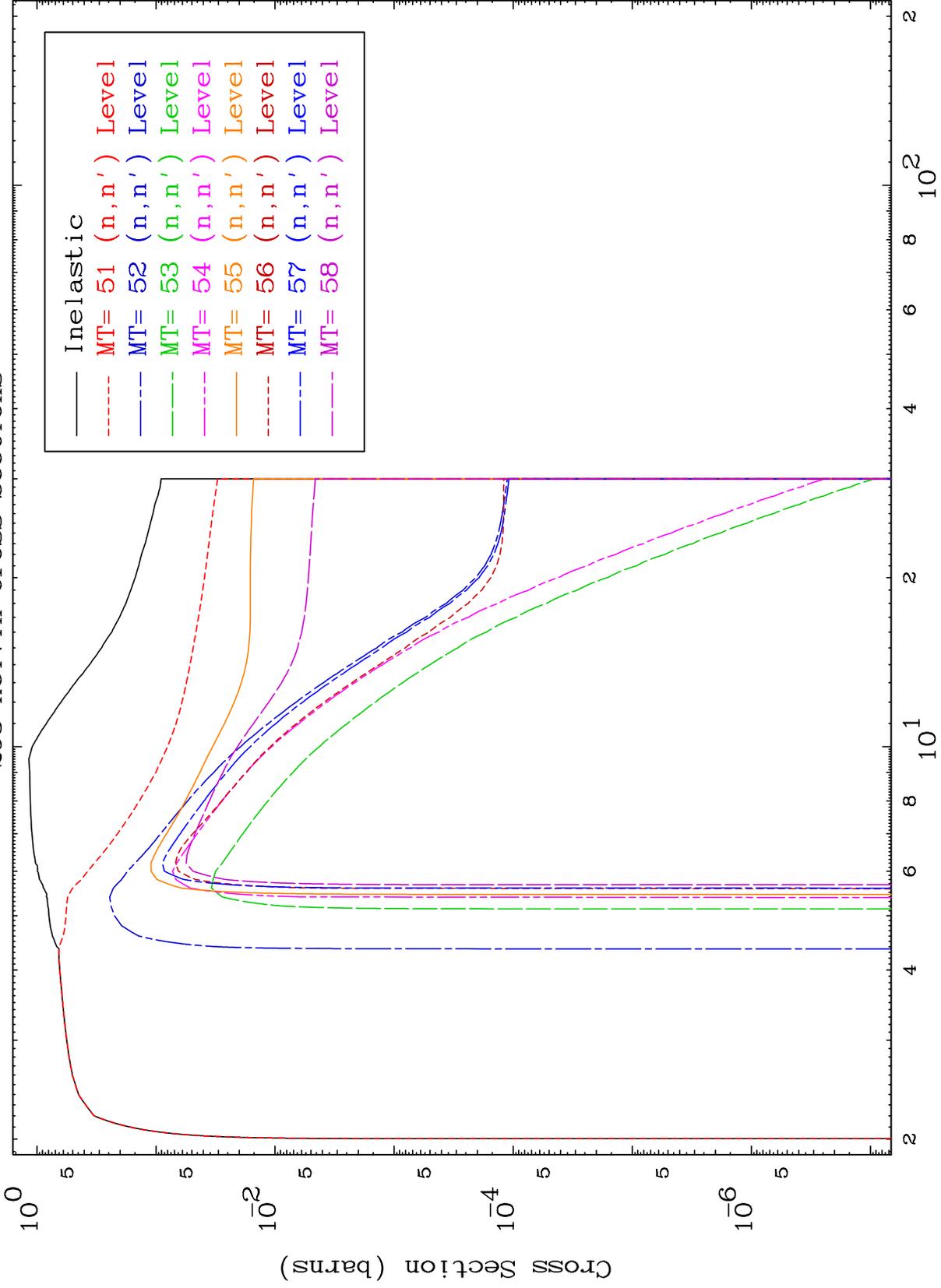


MAT 1437

(n,n') Levels

14-Si-32

293 Kelvin Cross Sections



8

Incident Energy (MeV)

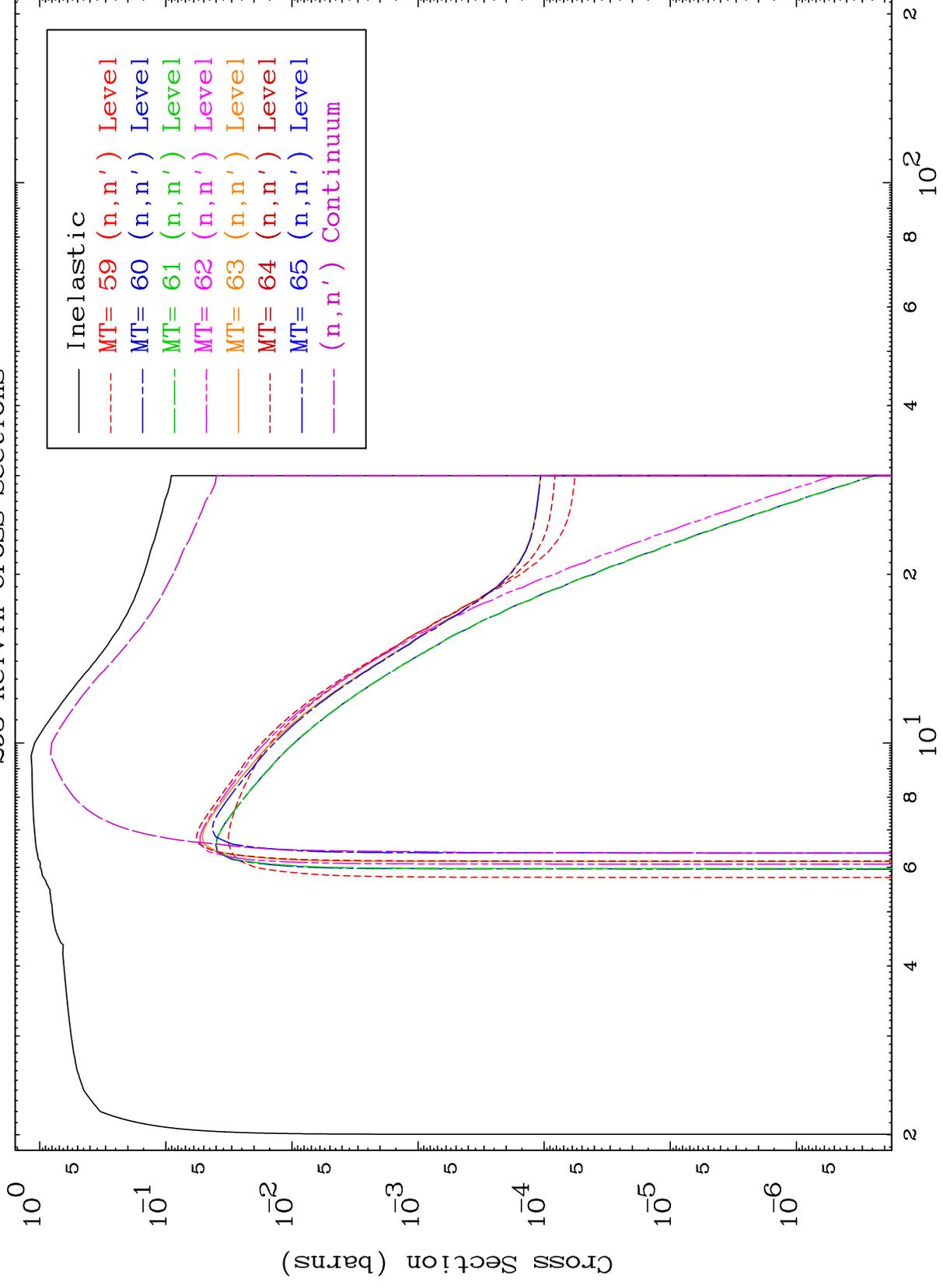
14-Si-32

MAT 1437

(n,n') Levels

14-Si-32

293 Kelvin Cross Sections



9

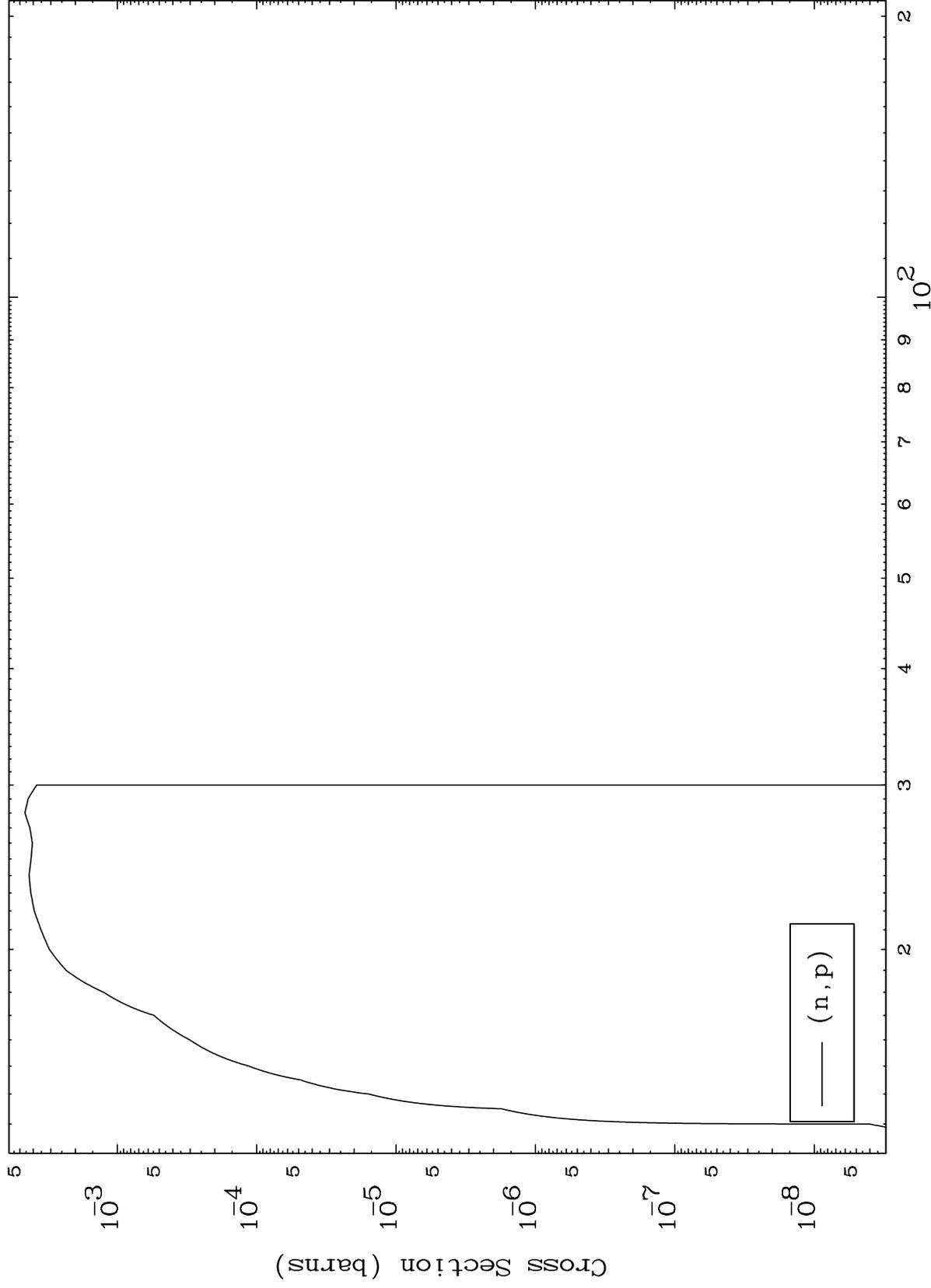
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,p) Levels
293 Kelvin Cross Sections

14-Si-32



10

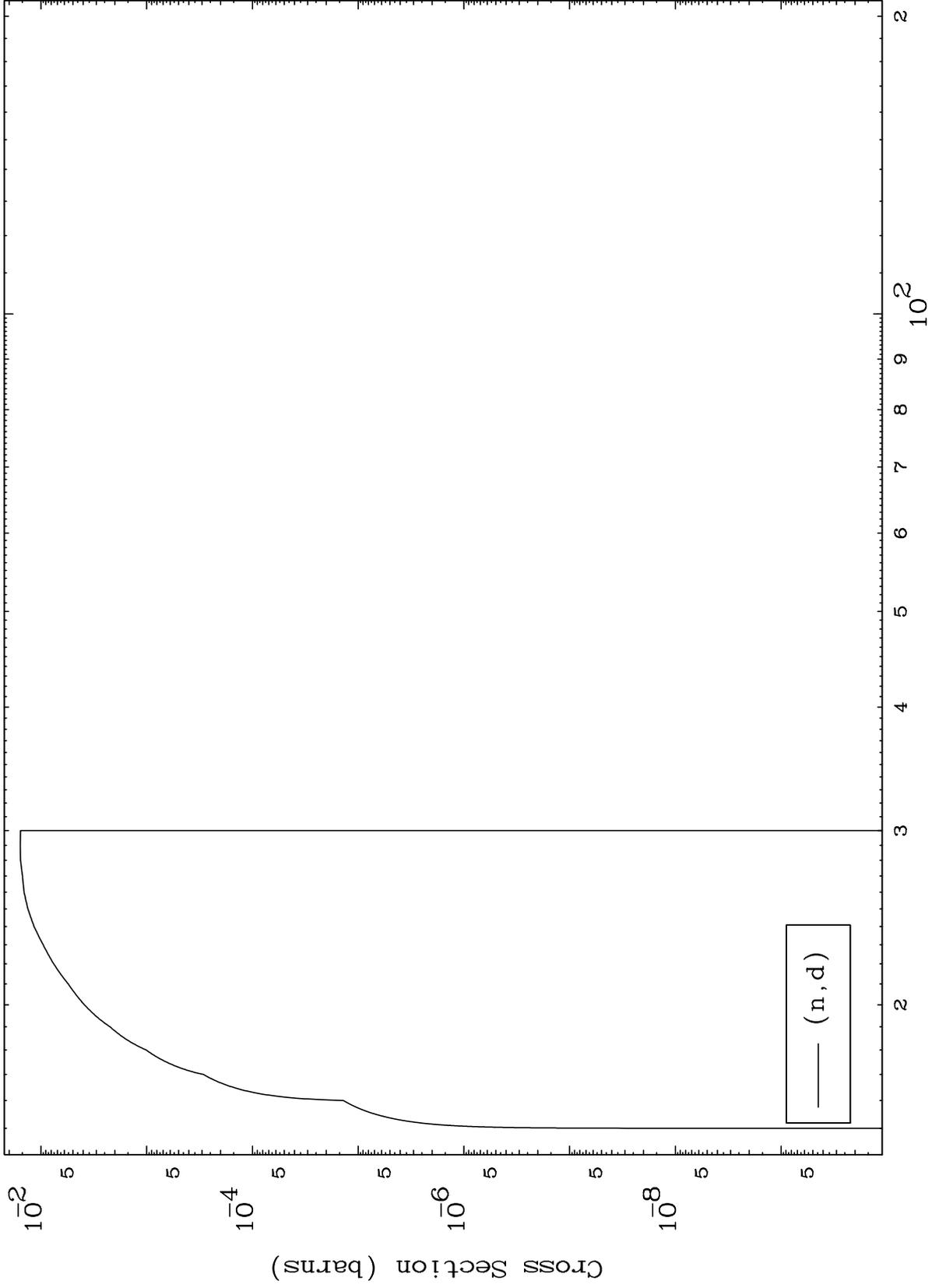
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,d) Levels
293 Kelvin Cross Sections

14-Si-32



11

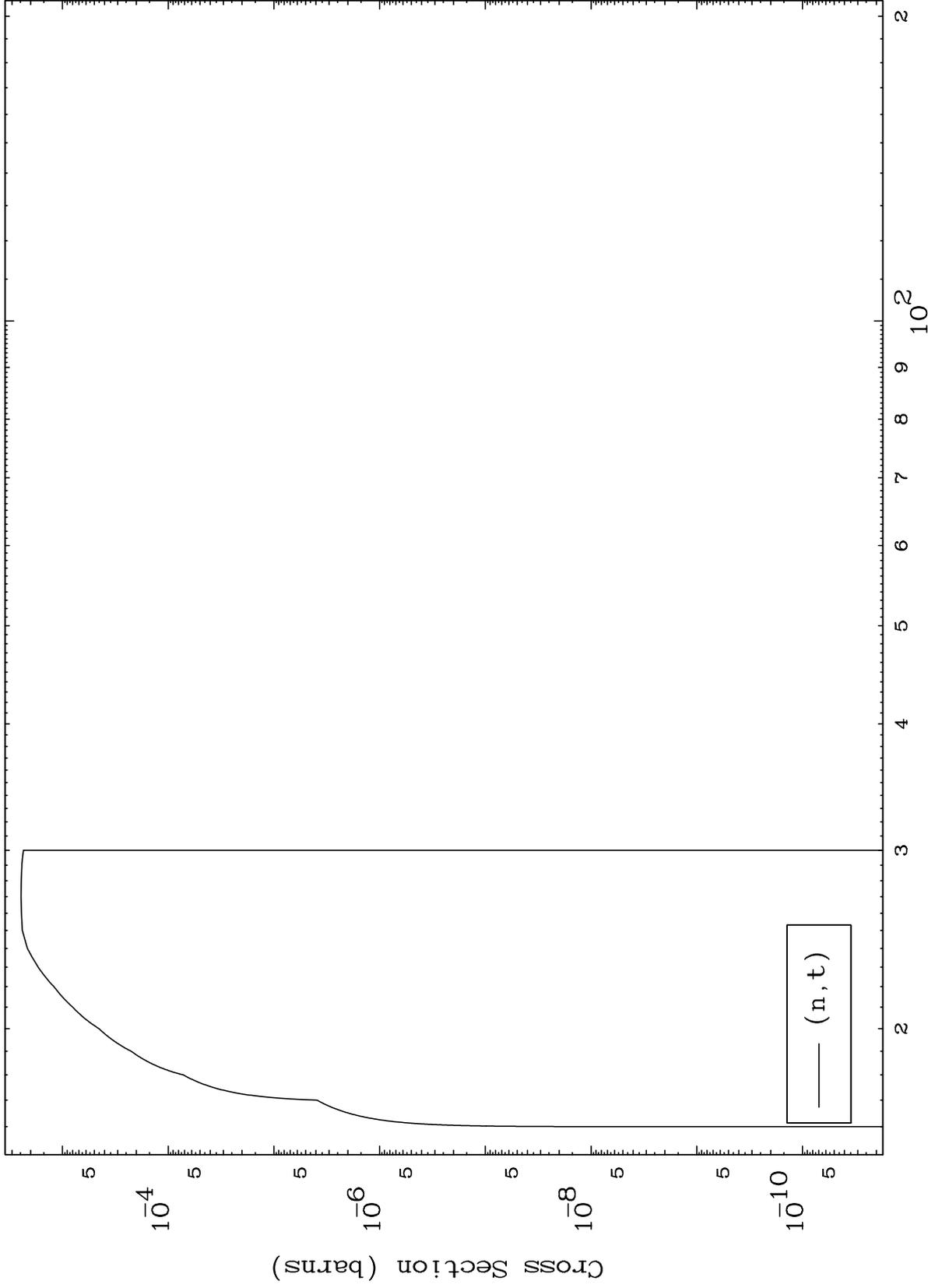
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,t) Levels
293 Kelvin Cross Sections

14-Si-32



12

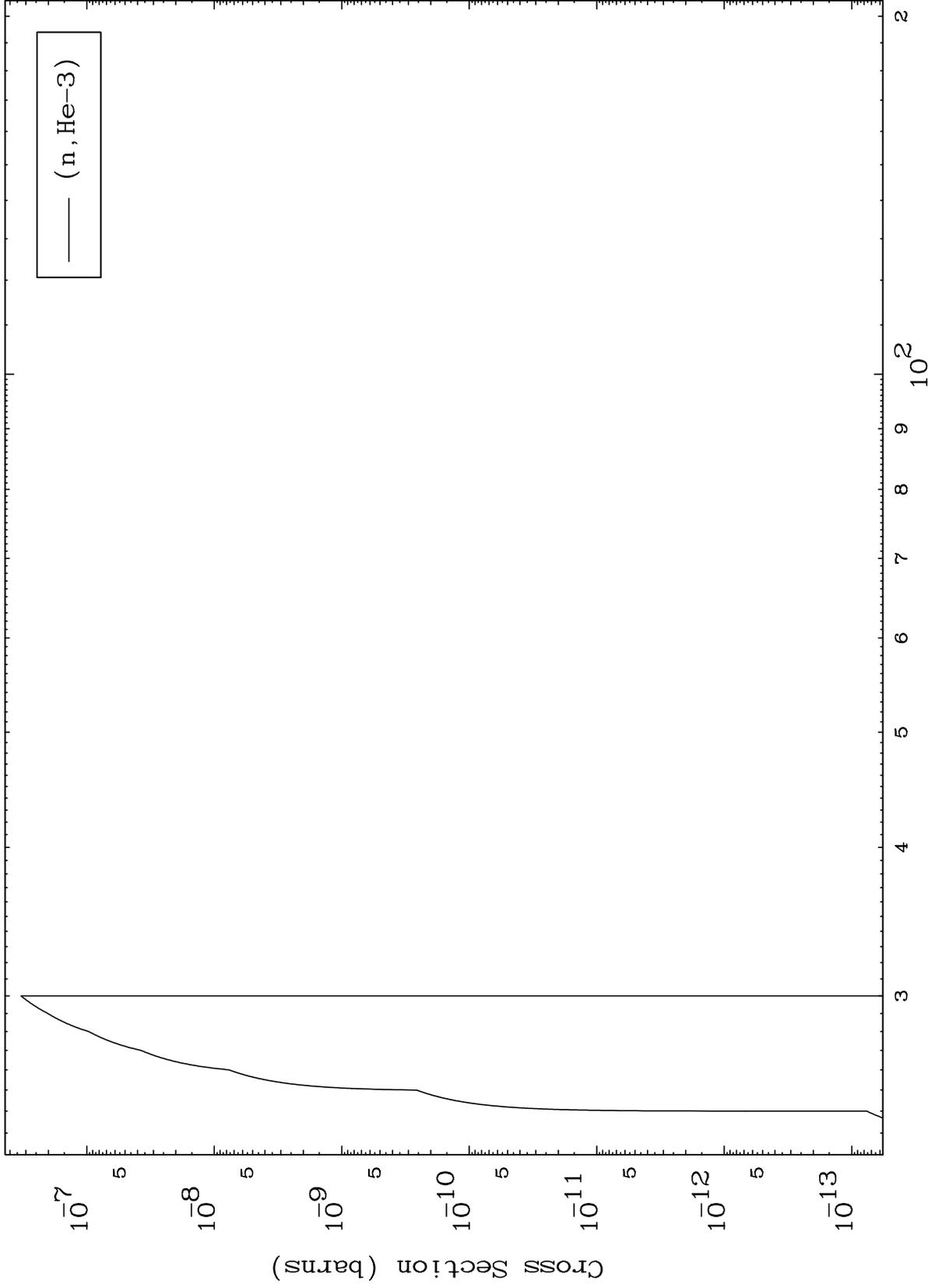
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-32



13

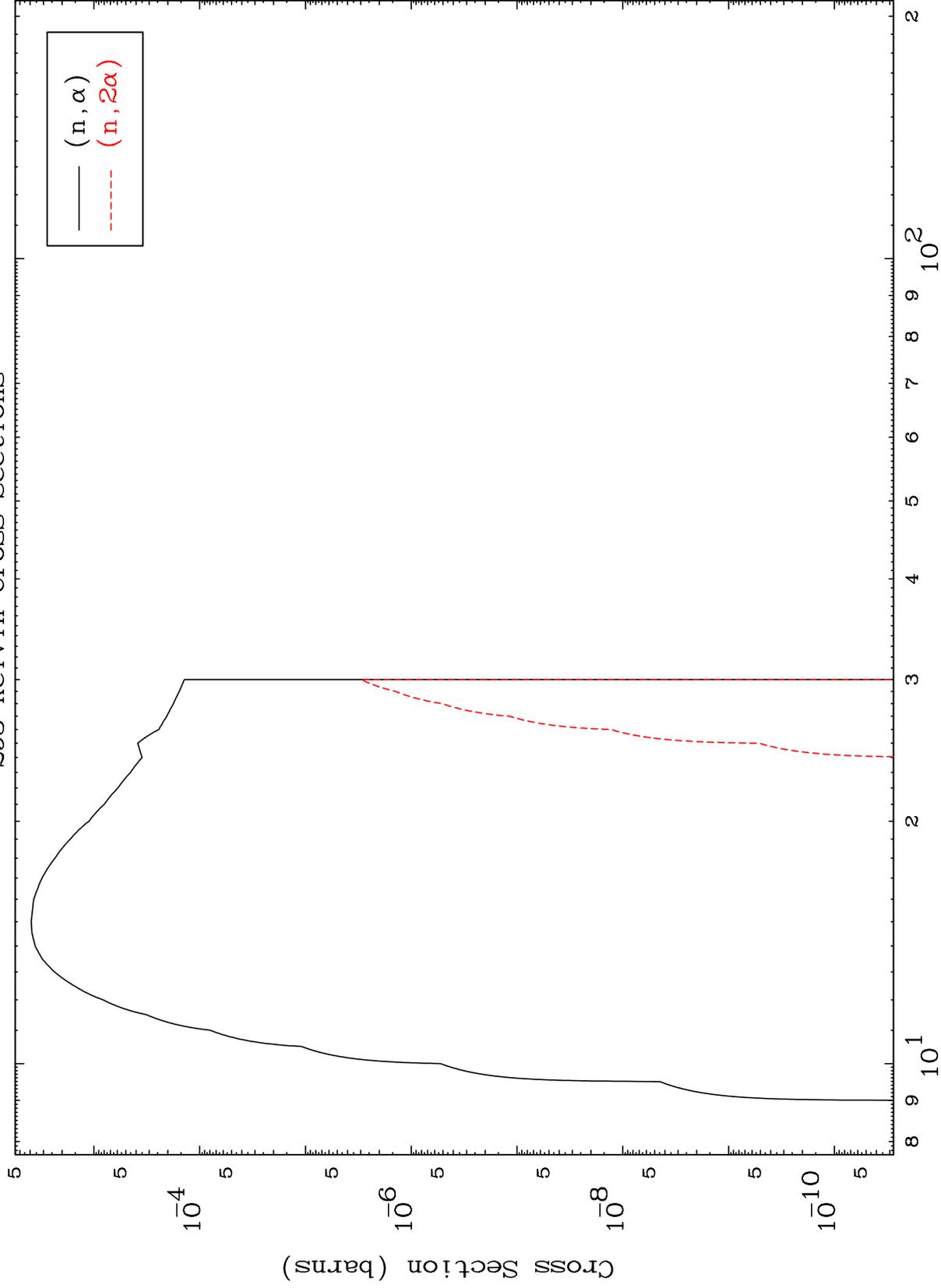
Incident Energy (MeV)

14-Si-32

MAT 1437

(n,α) Levels
293 Kelvin Cross Sections

14-Si-32



14

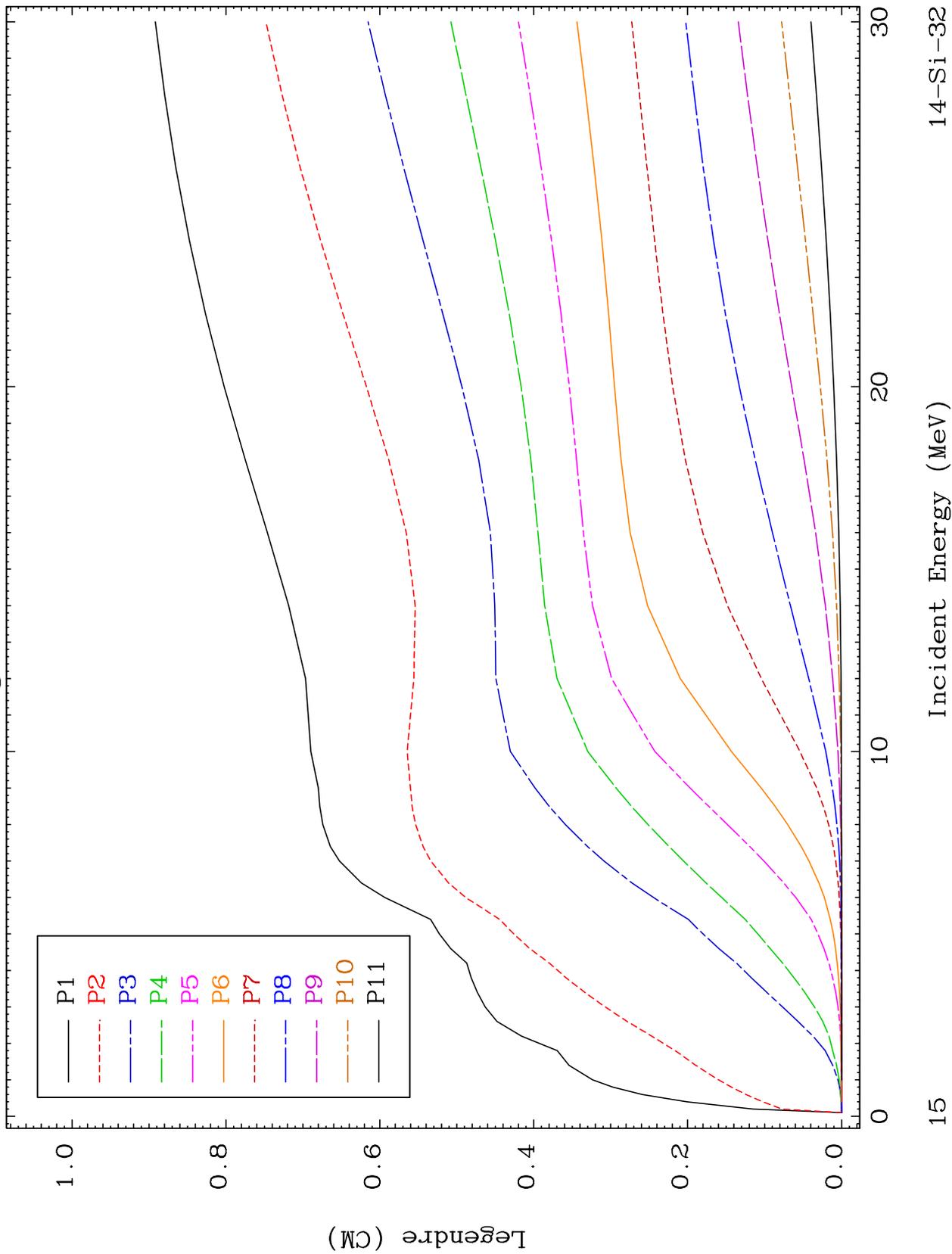
Incident Energy (MeV)

14-Si-32

MAT 1437

Elastic Legendre Coefficients

14-Si-32



14-Si-32

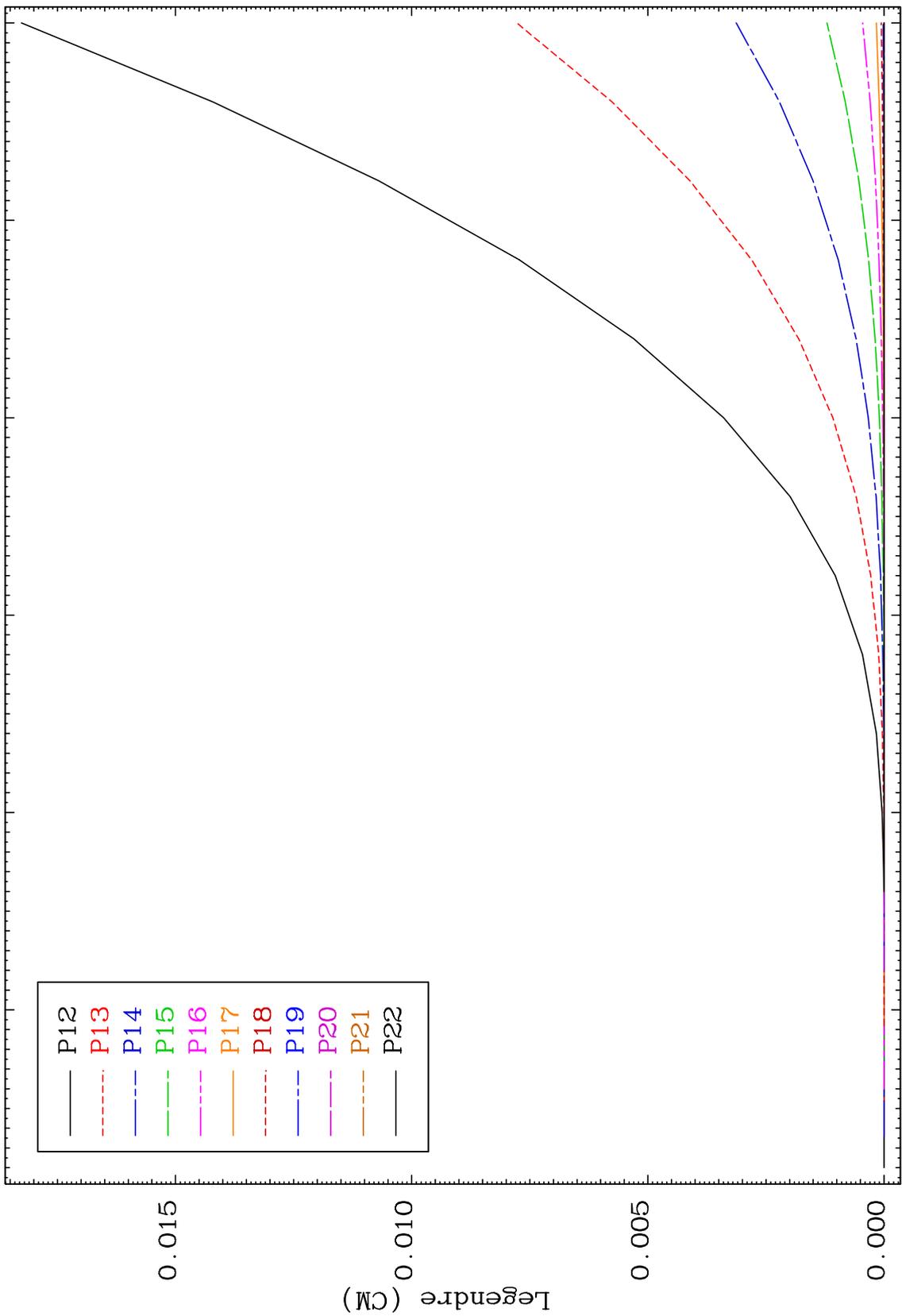
Incident Energy (MeV)

15

MAT 1437

Elastic Legendre Coefficients

14-Si-32



16

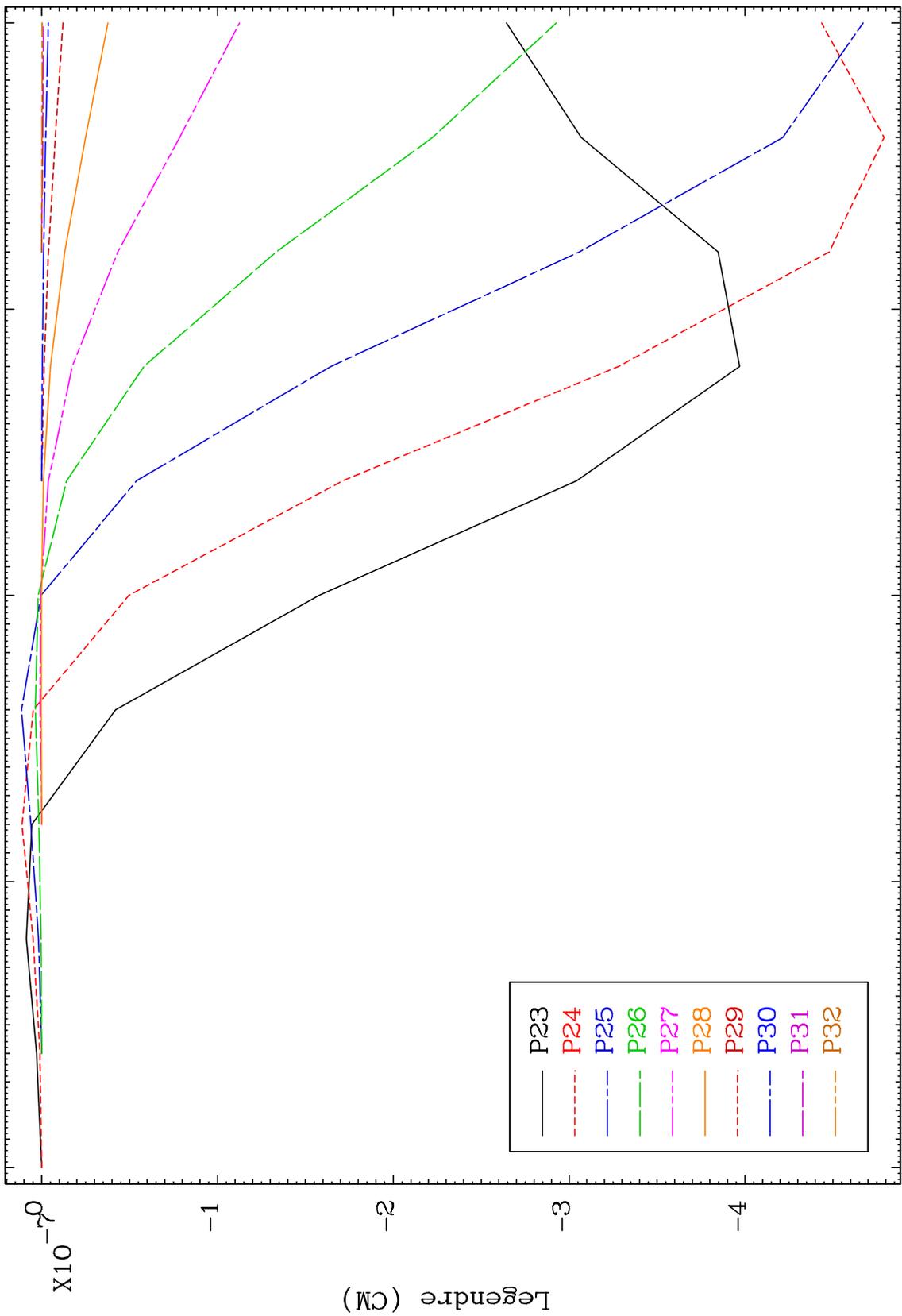
Incident Energy (MeV)

14-Si-32

MAT 1437

14-Si-32

Elastic Legendre Coefficients



10

15

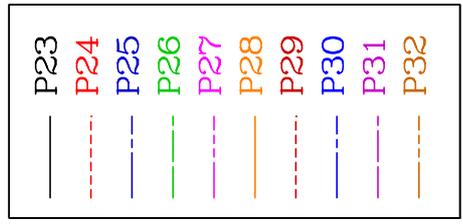
20

25

30

Incident Energy (MeV)

14-Si-32



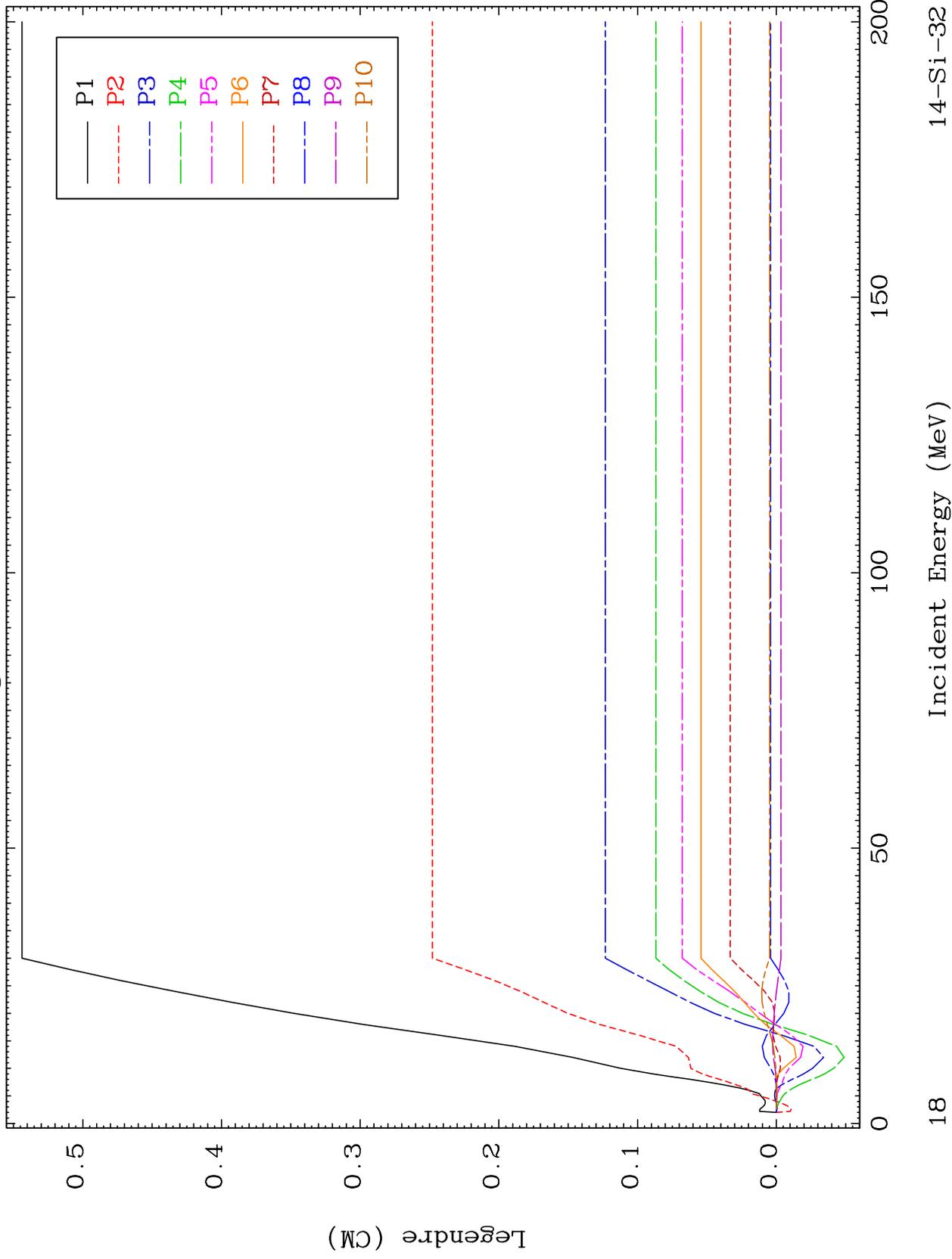
Legendre (CM)

$\times 10^{-2}$

MAT 1437

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

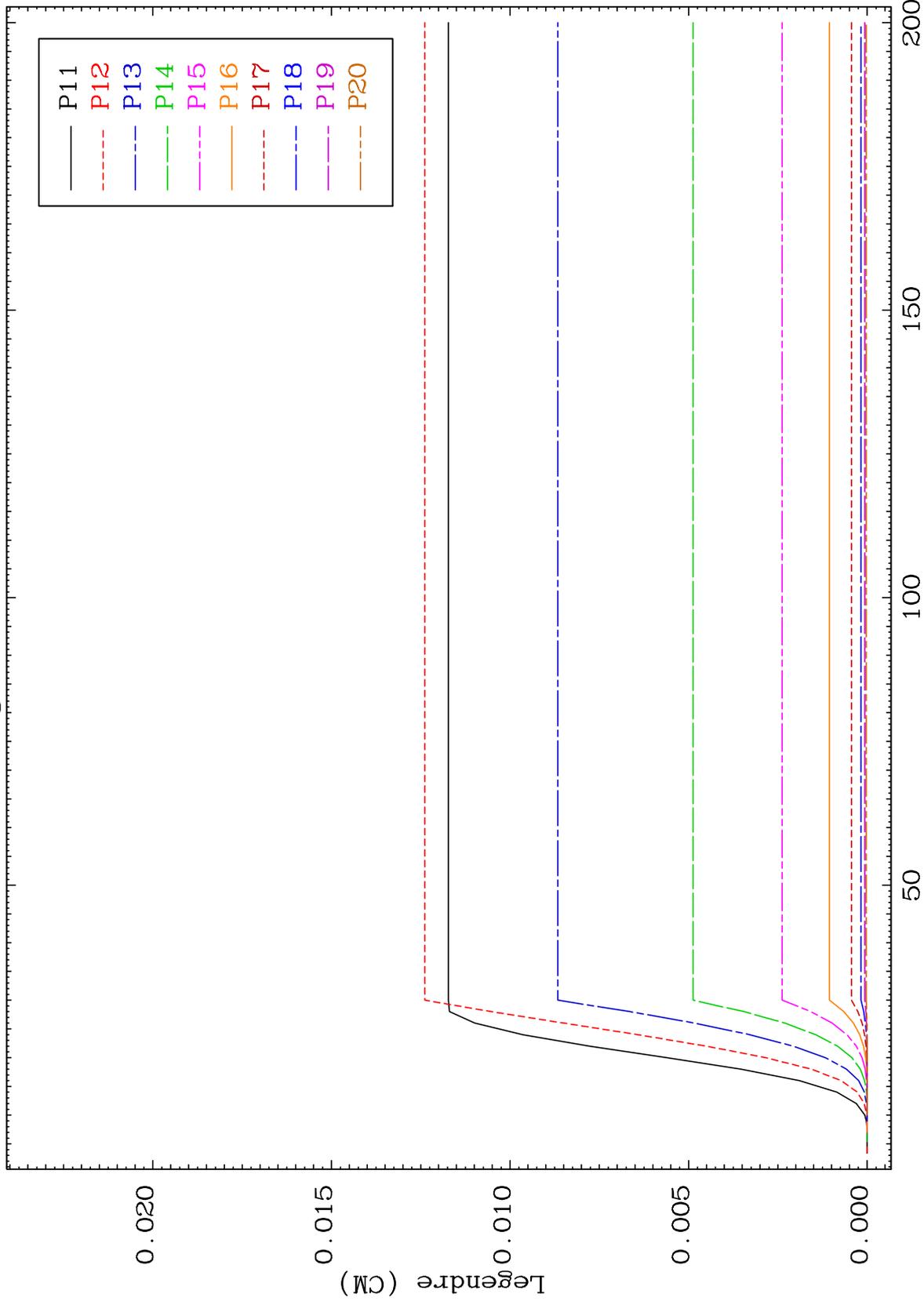
14-Si-32



MAT 1437

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

14-Si-32



19

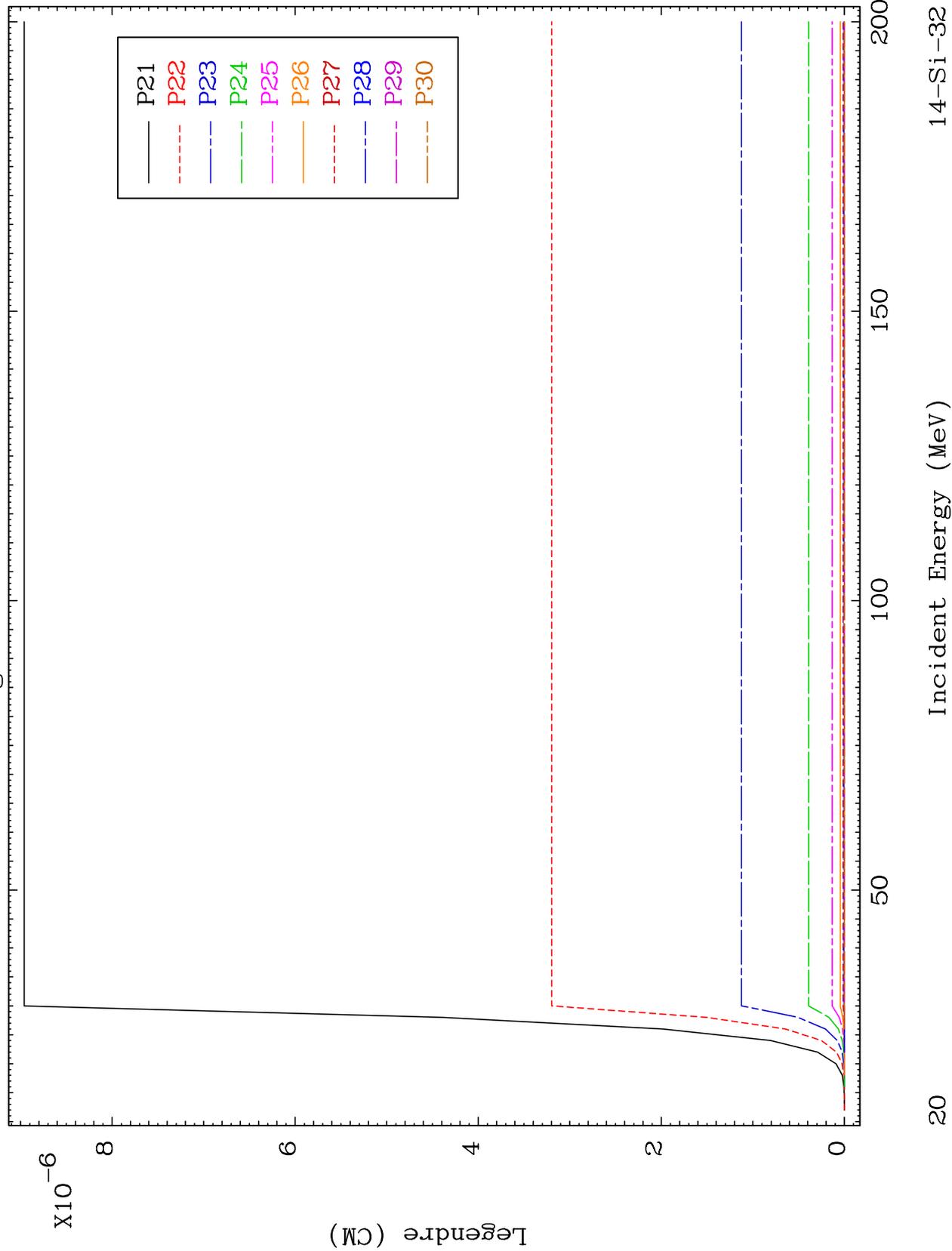
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



20

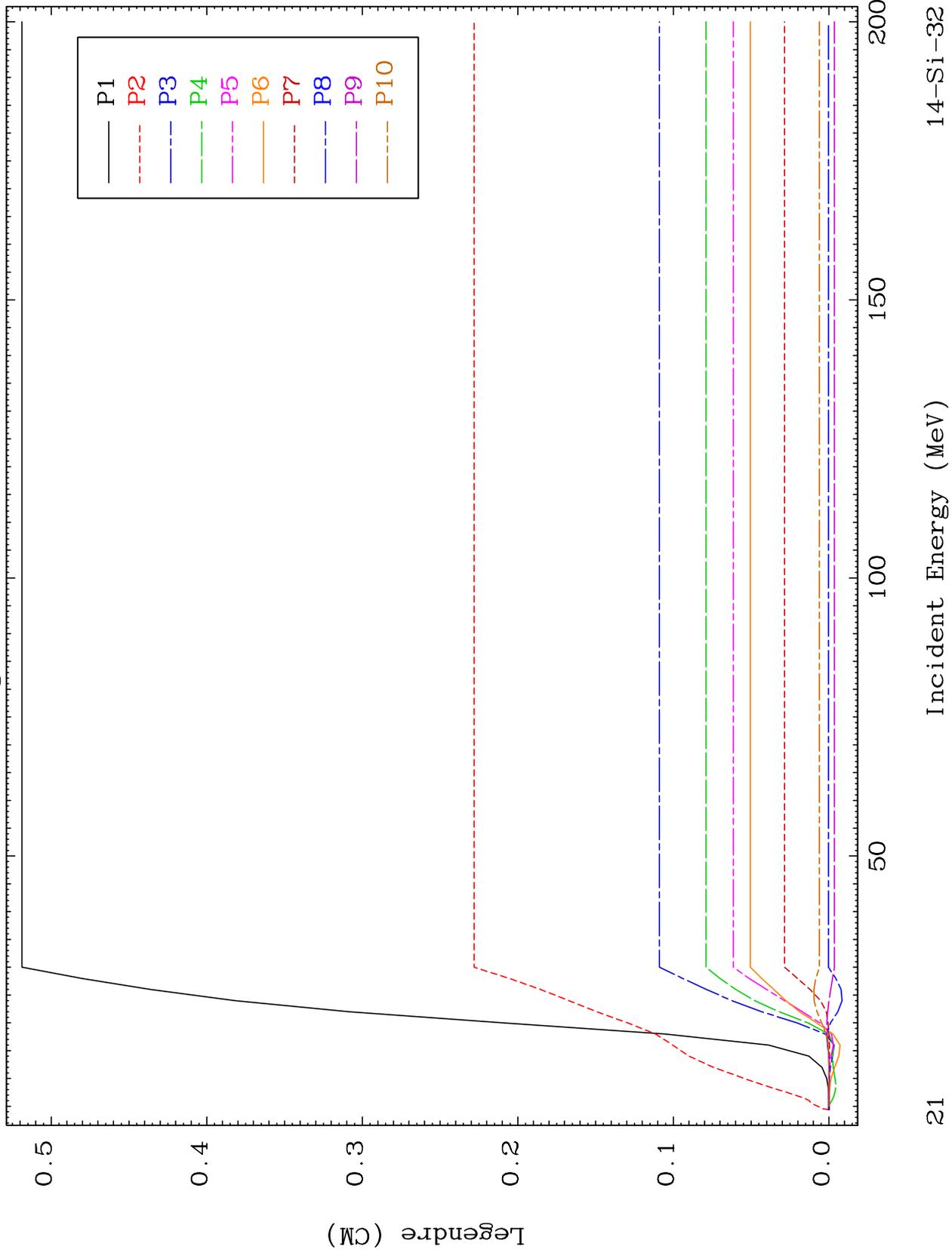
Incident Energy (MeV)

14-Si-32

MAT 1437

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

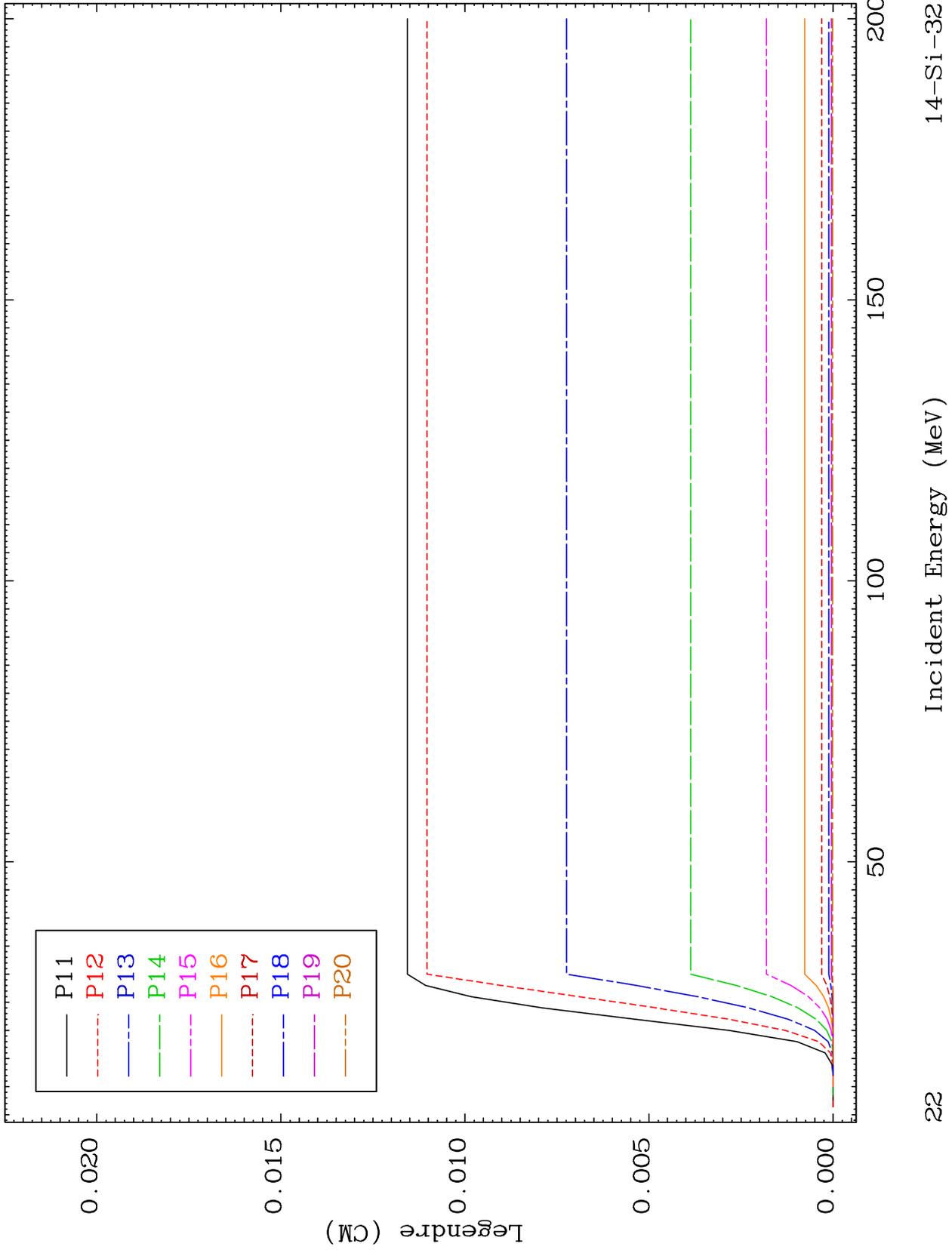
14-Si-32



MAT 1437

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

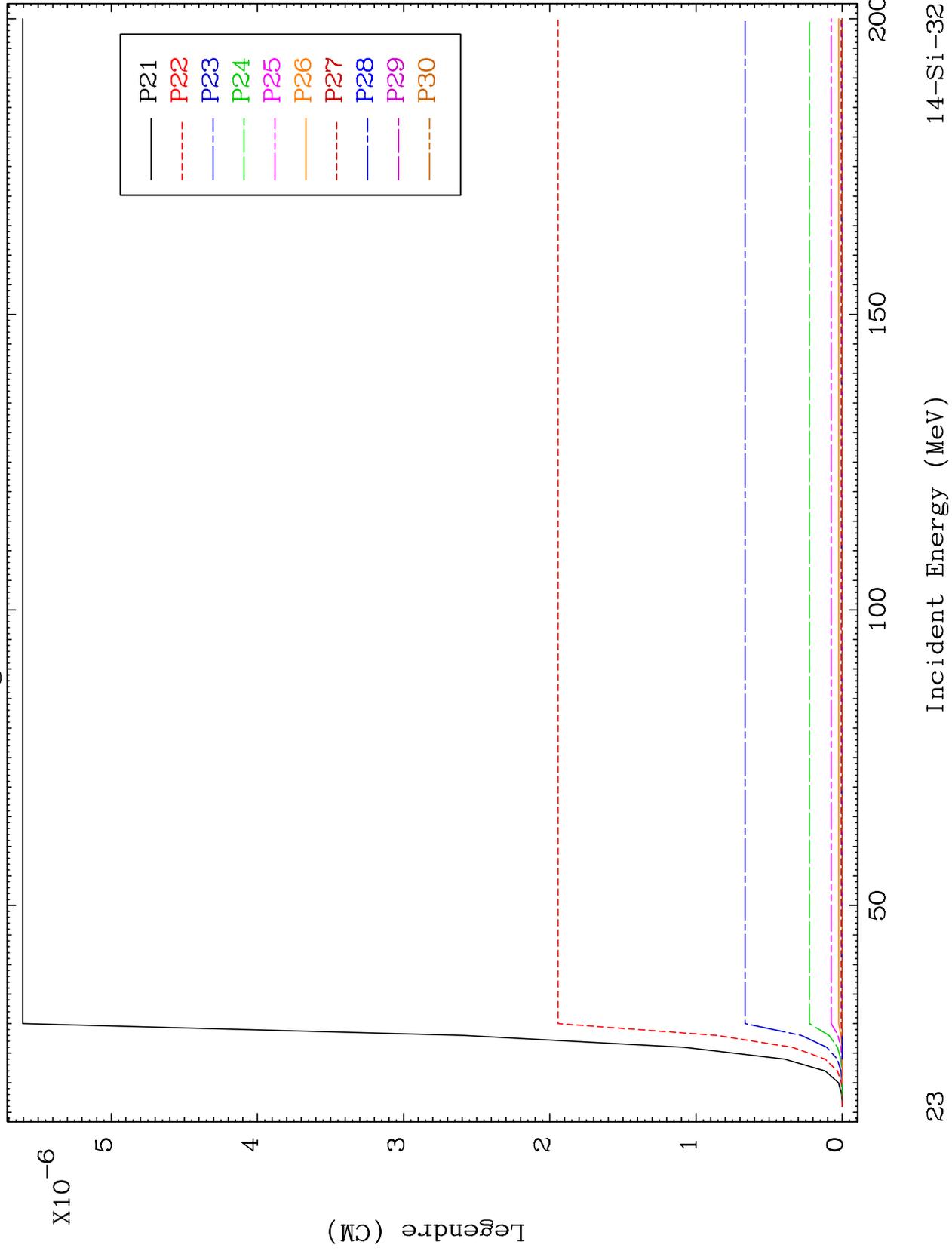
14-Si-32

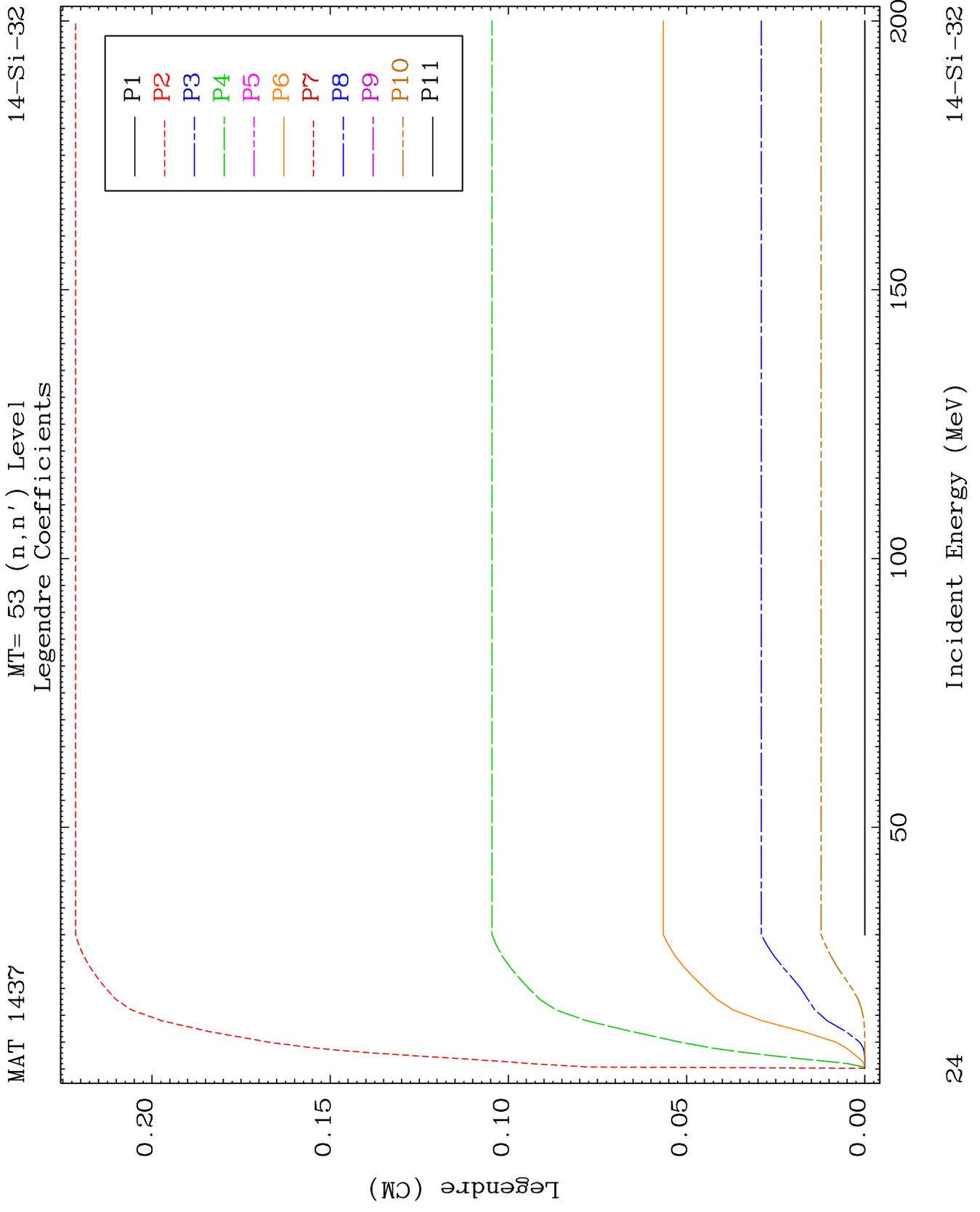


MAT 1437

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

14-Si-32

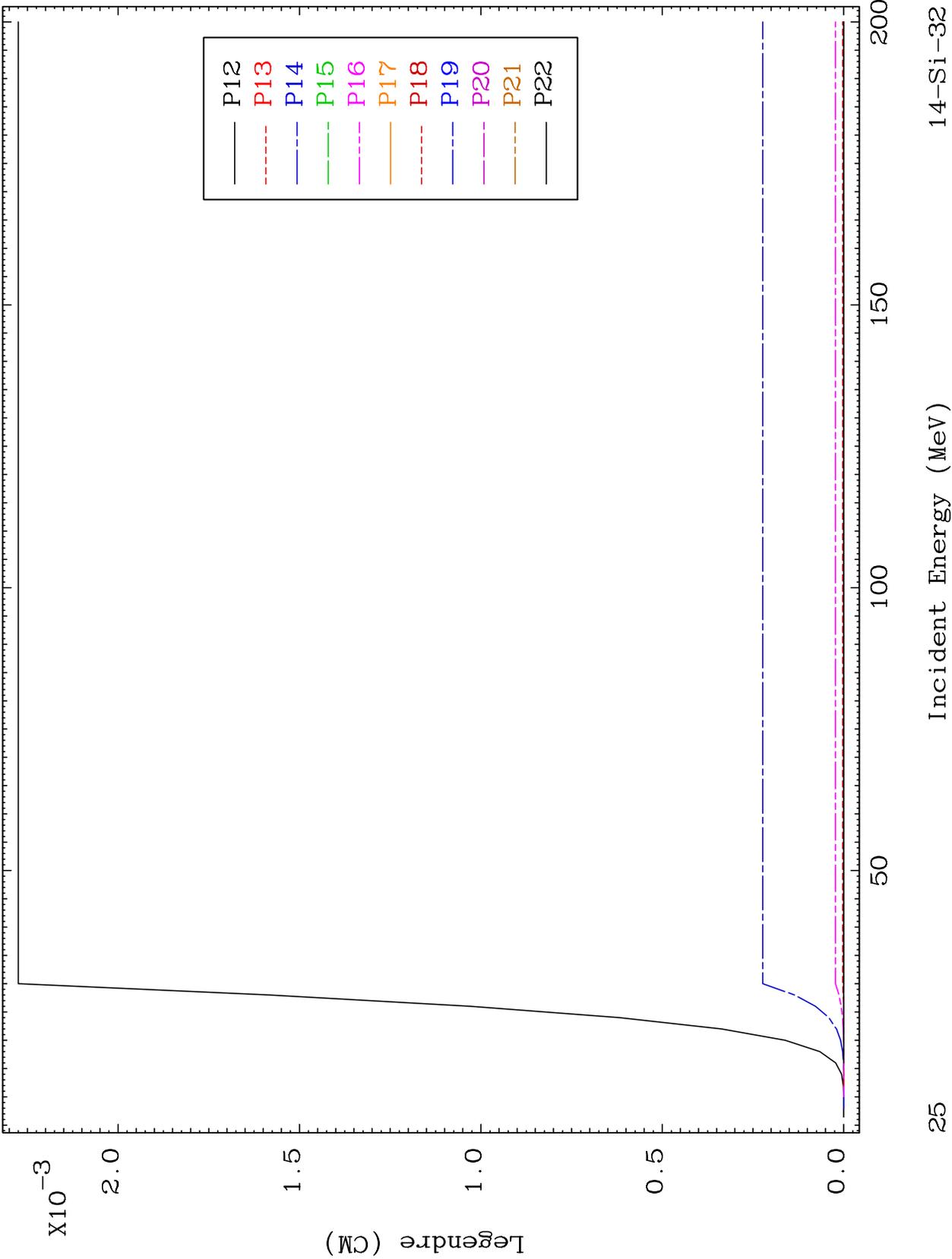


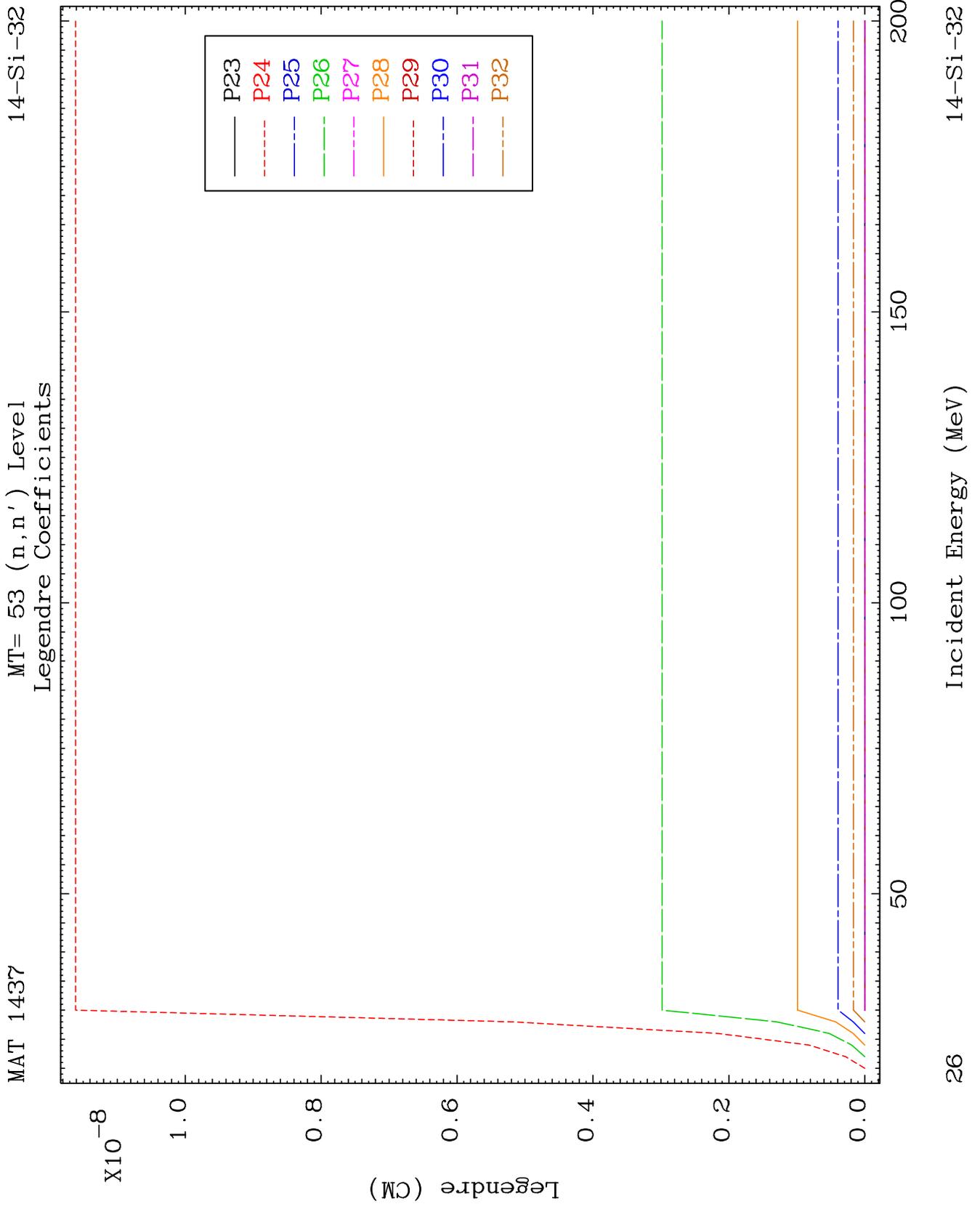


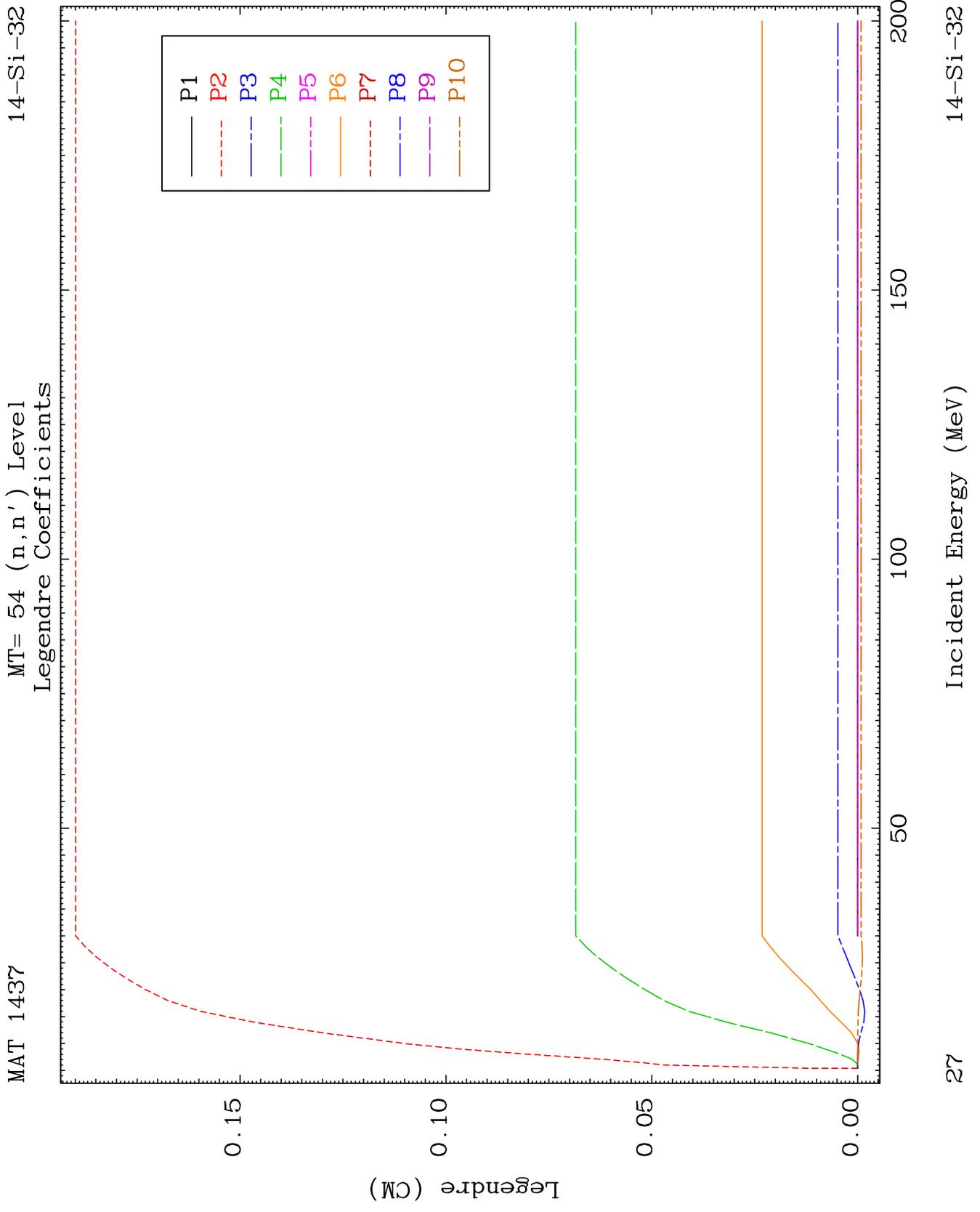
MAT 1437

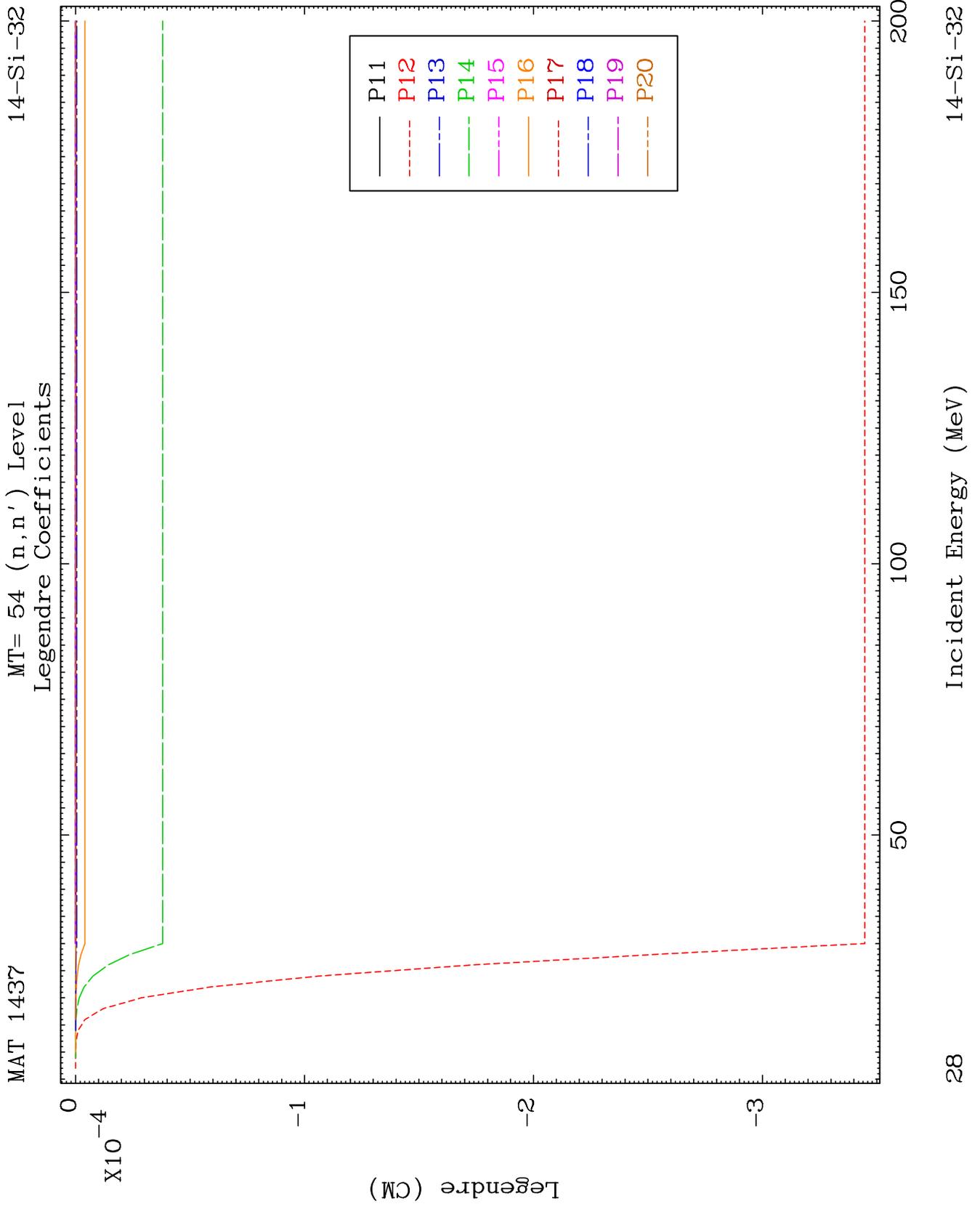
MT= 53 (n,n') Level
Legendre Coefficients

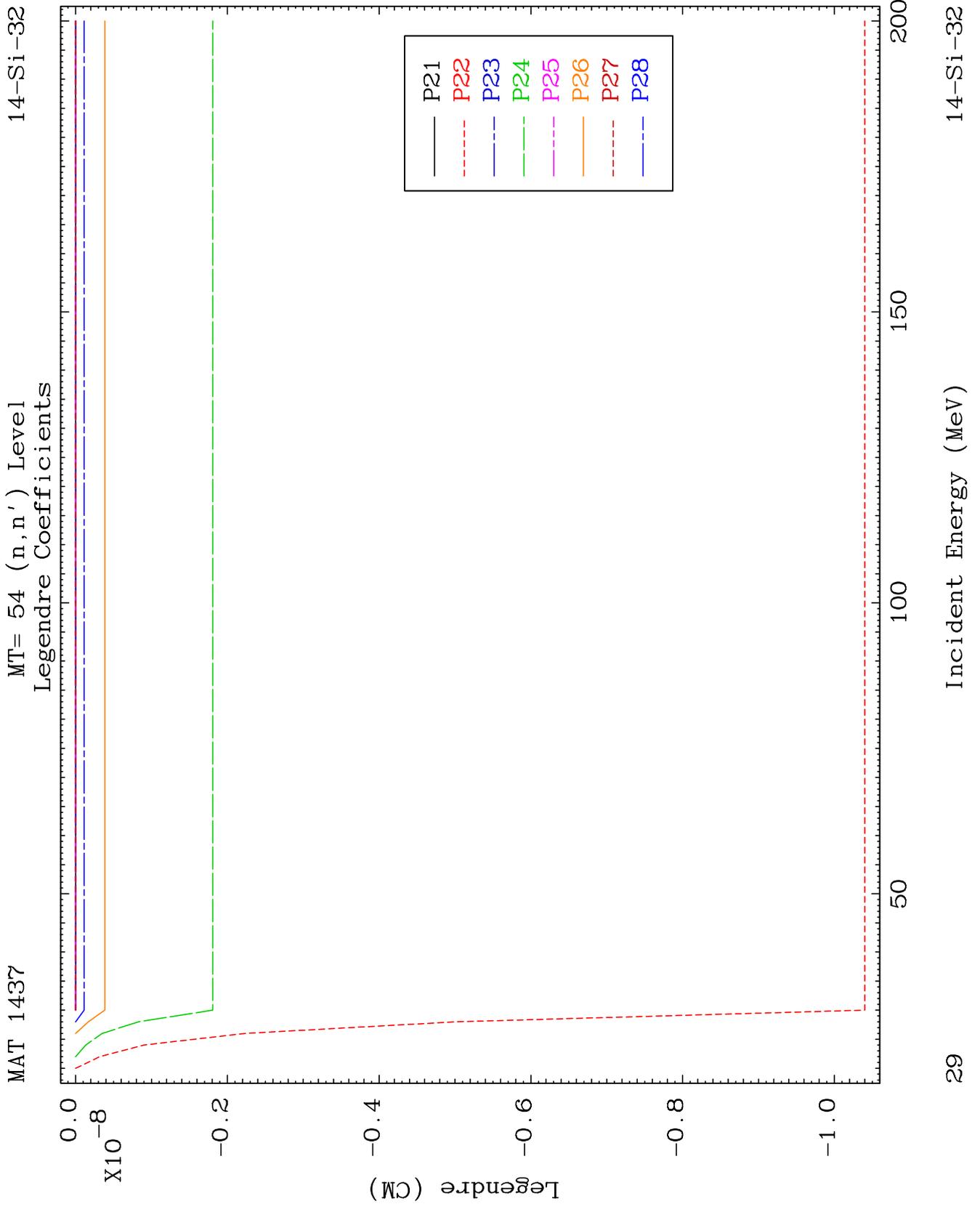
14-Si-32







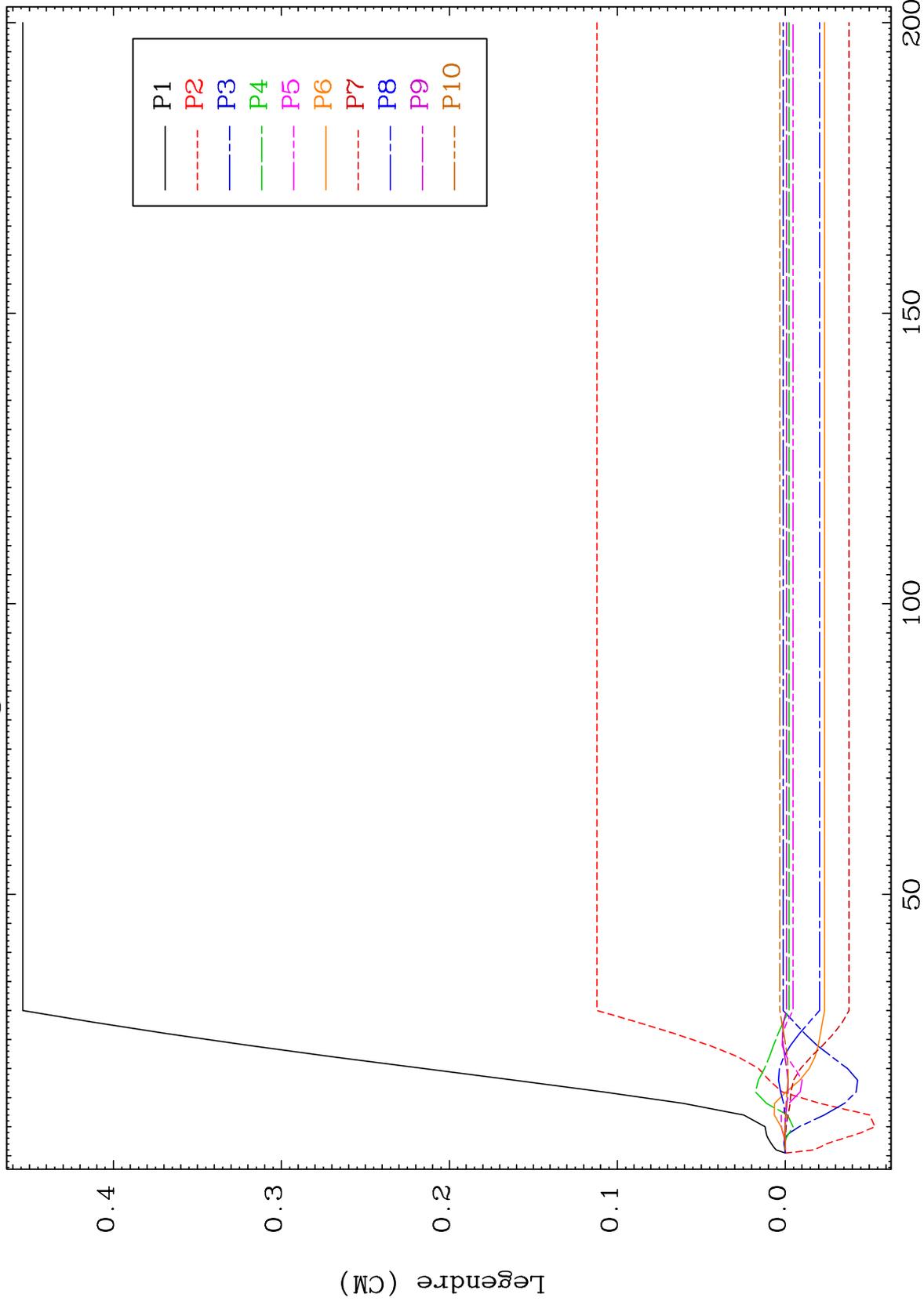




MAT 1437

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

14-Si-32



30

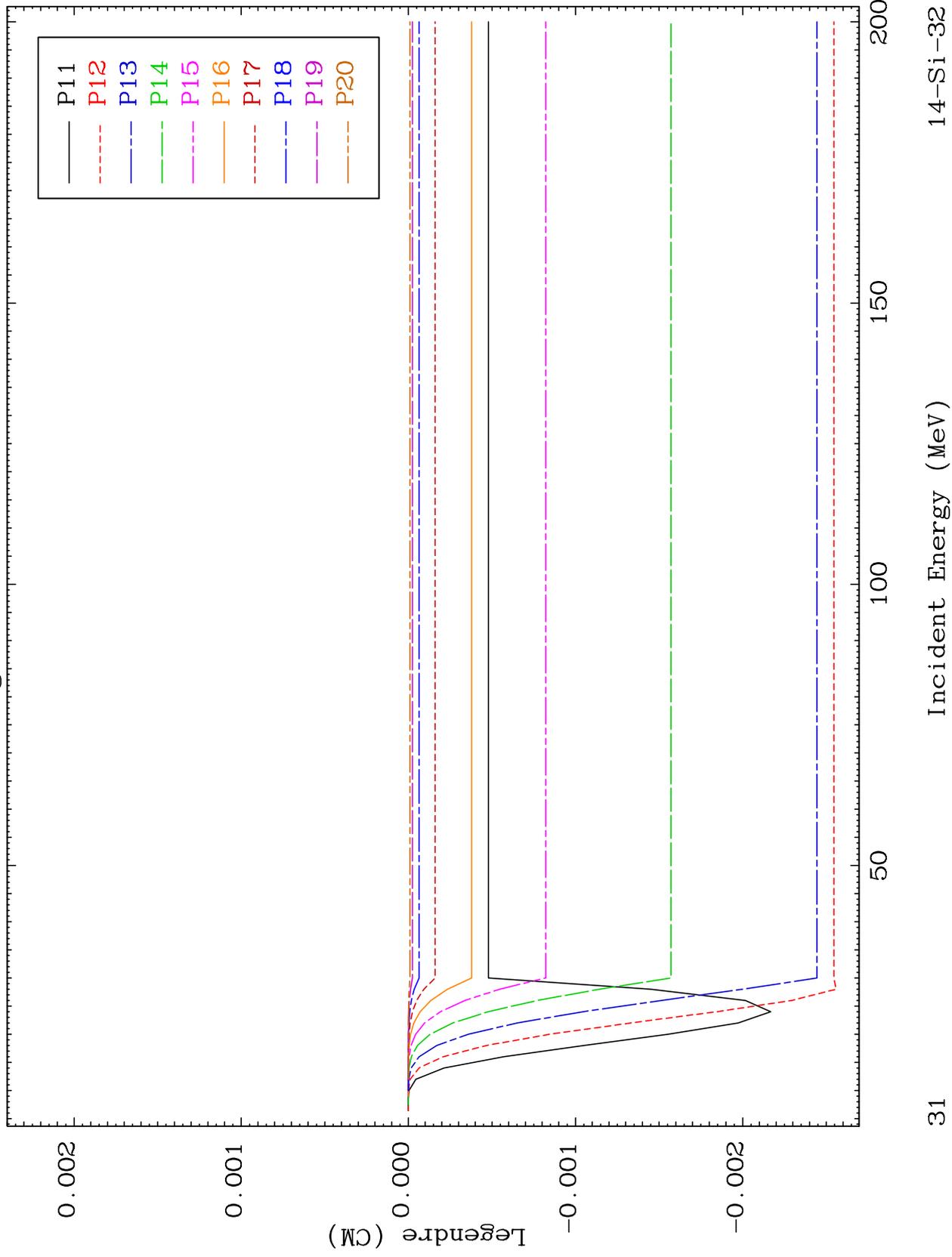
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



31

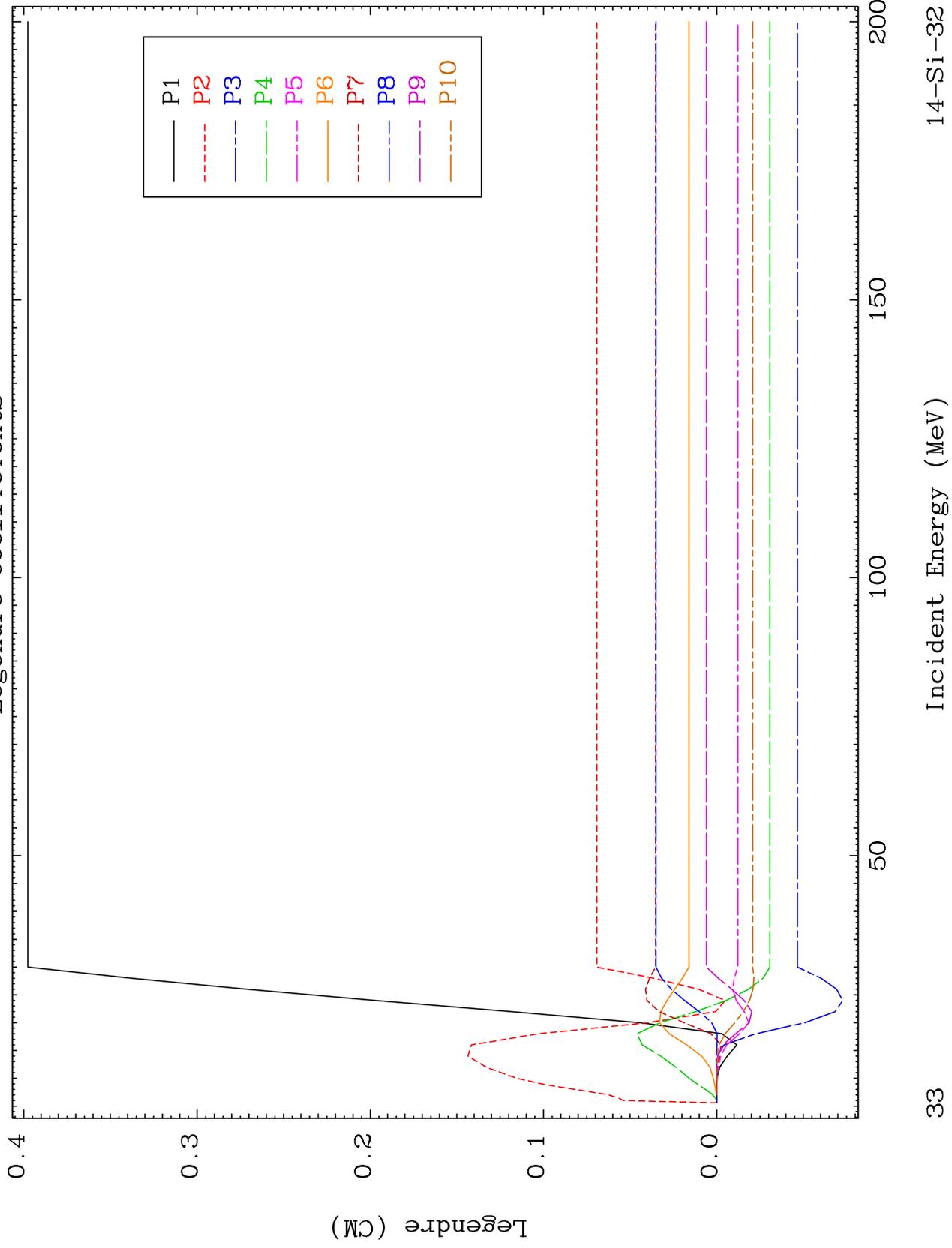
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



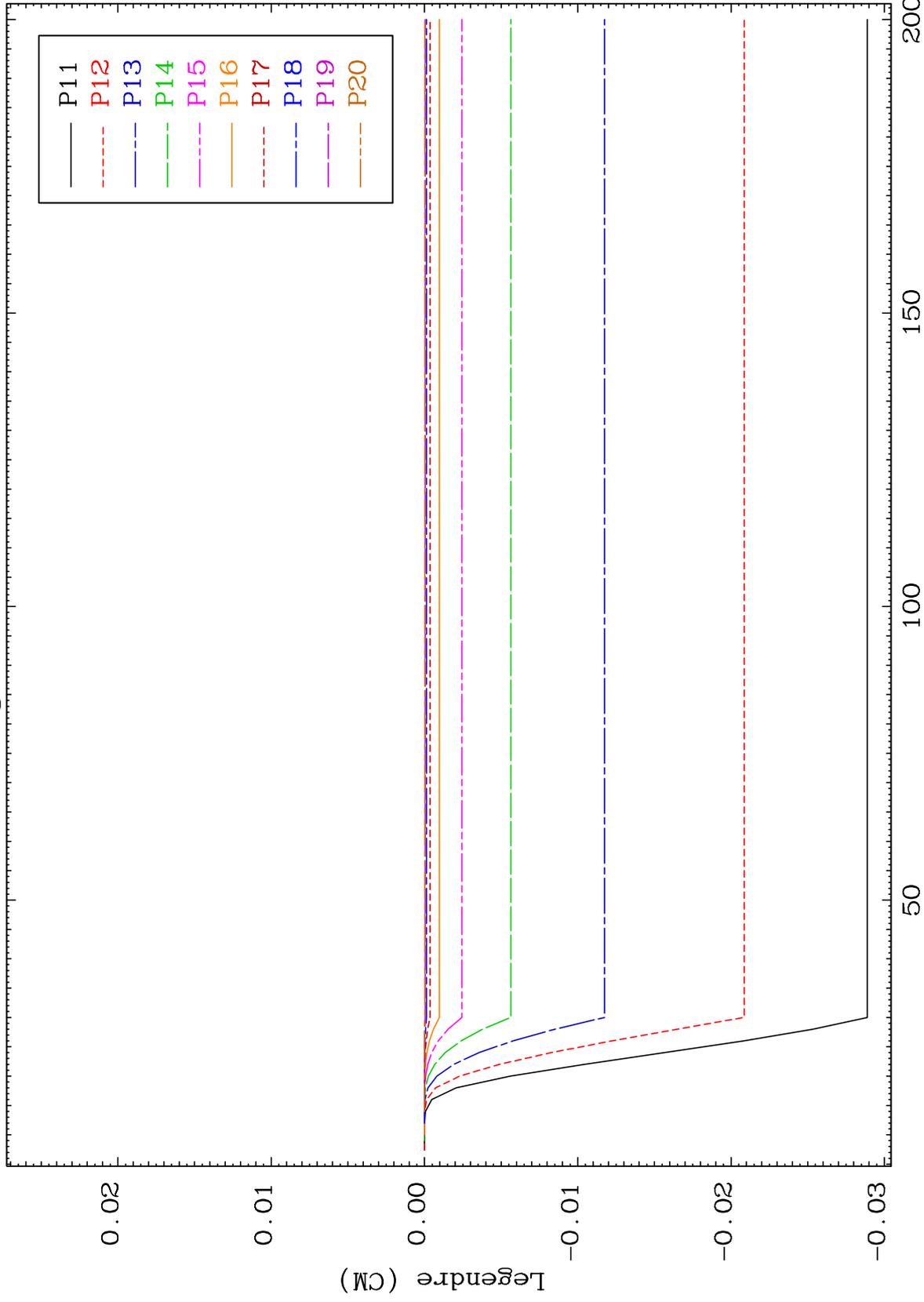
33

14-Si-32

MAT 1437

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

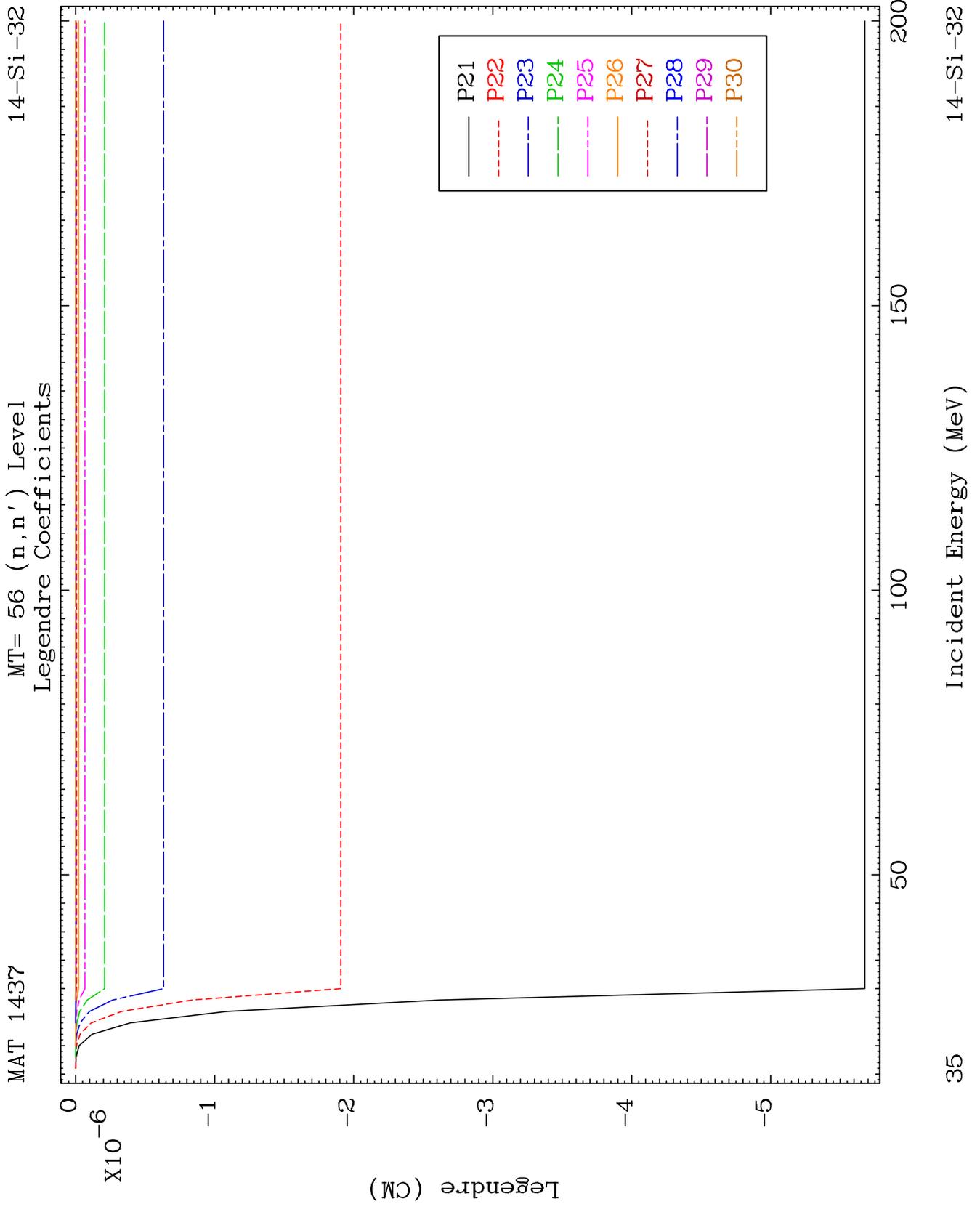
14-Si-32



34

Incident Energy (MeV)

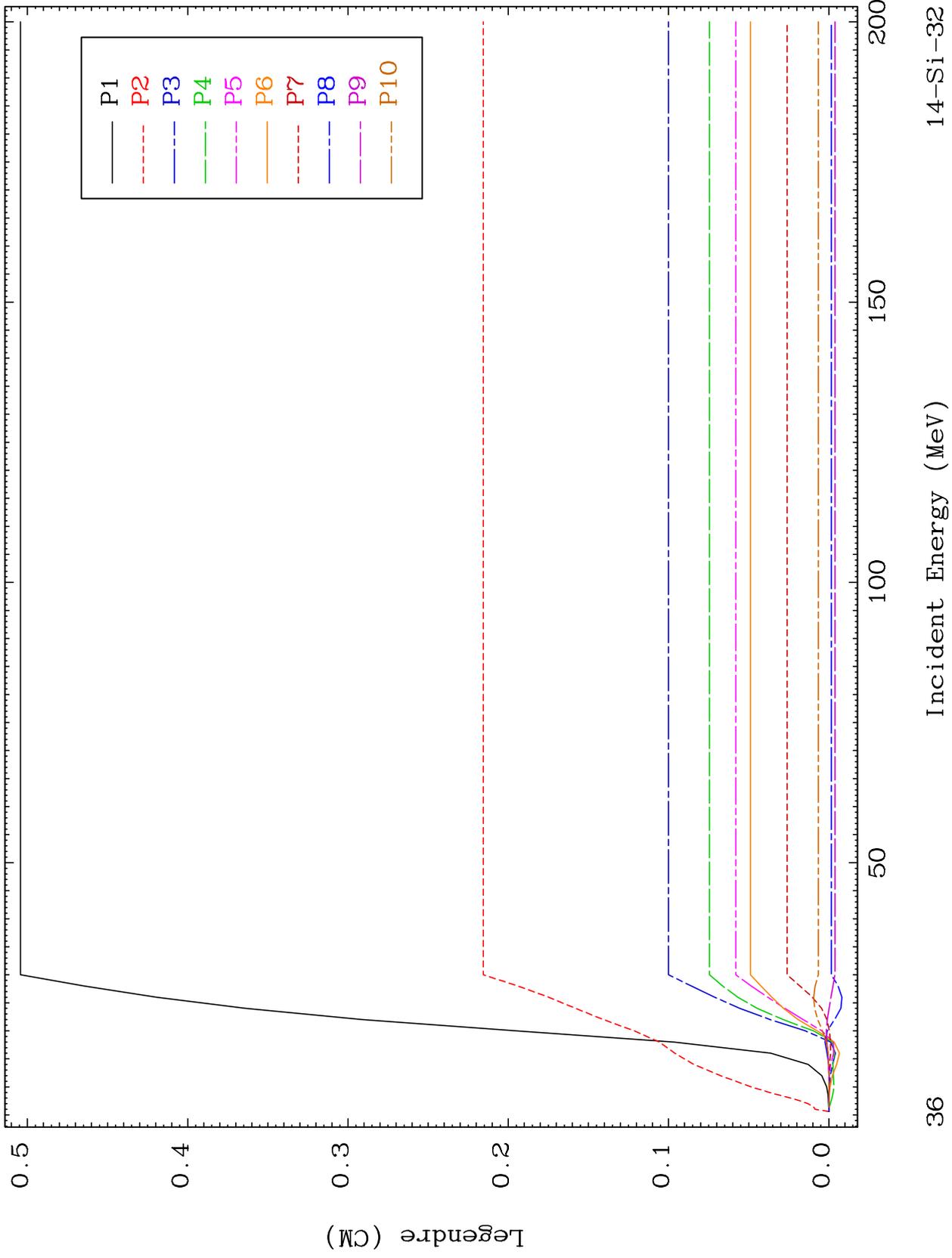
14-Si-32



MAT 1437

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

14-Si-32



36

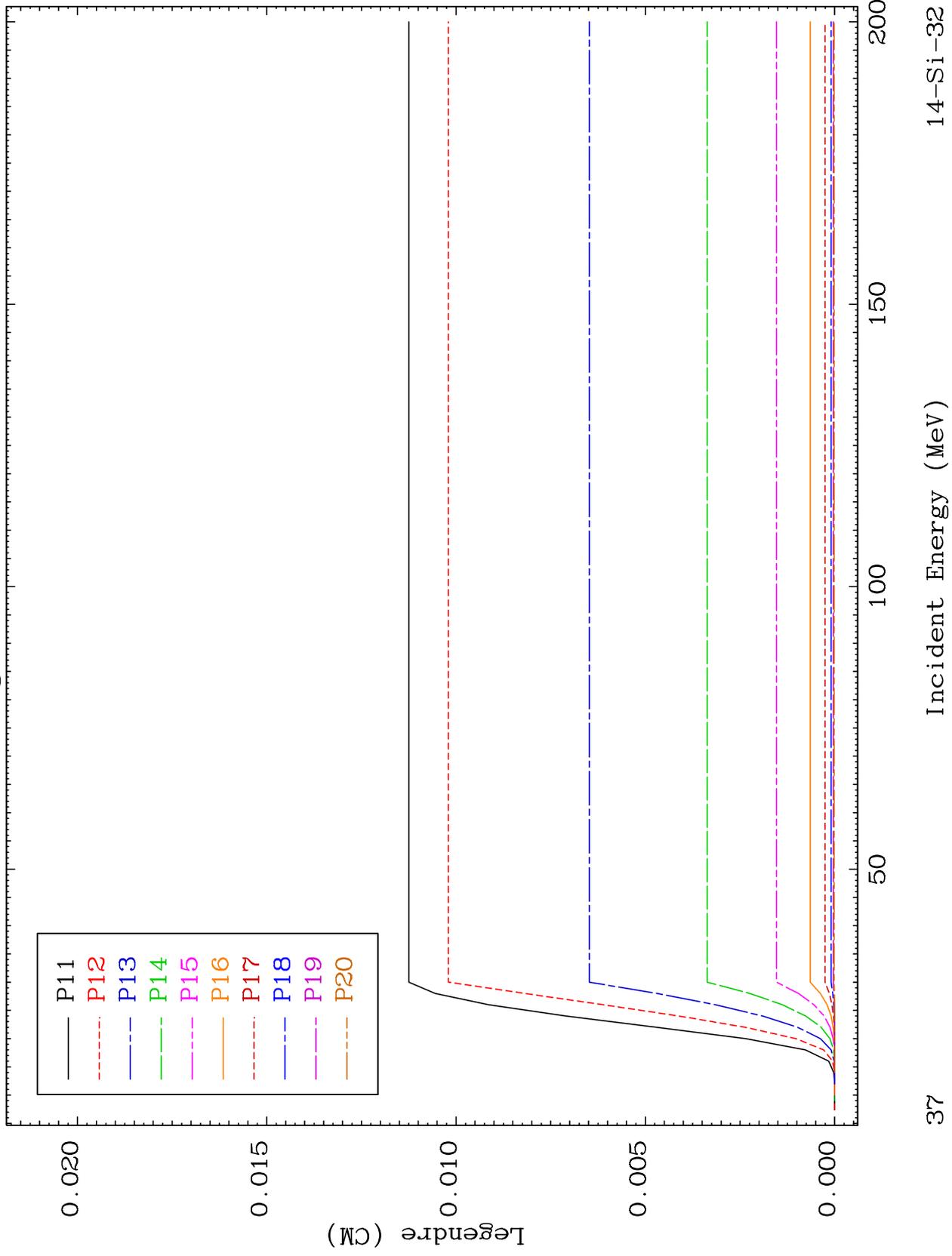
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



37

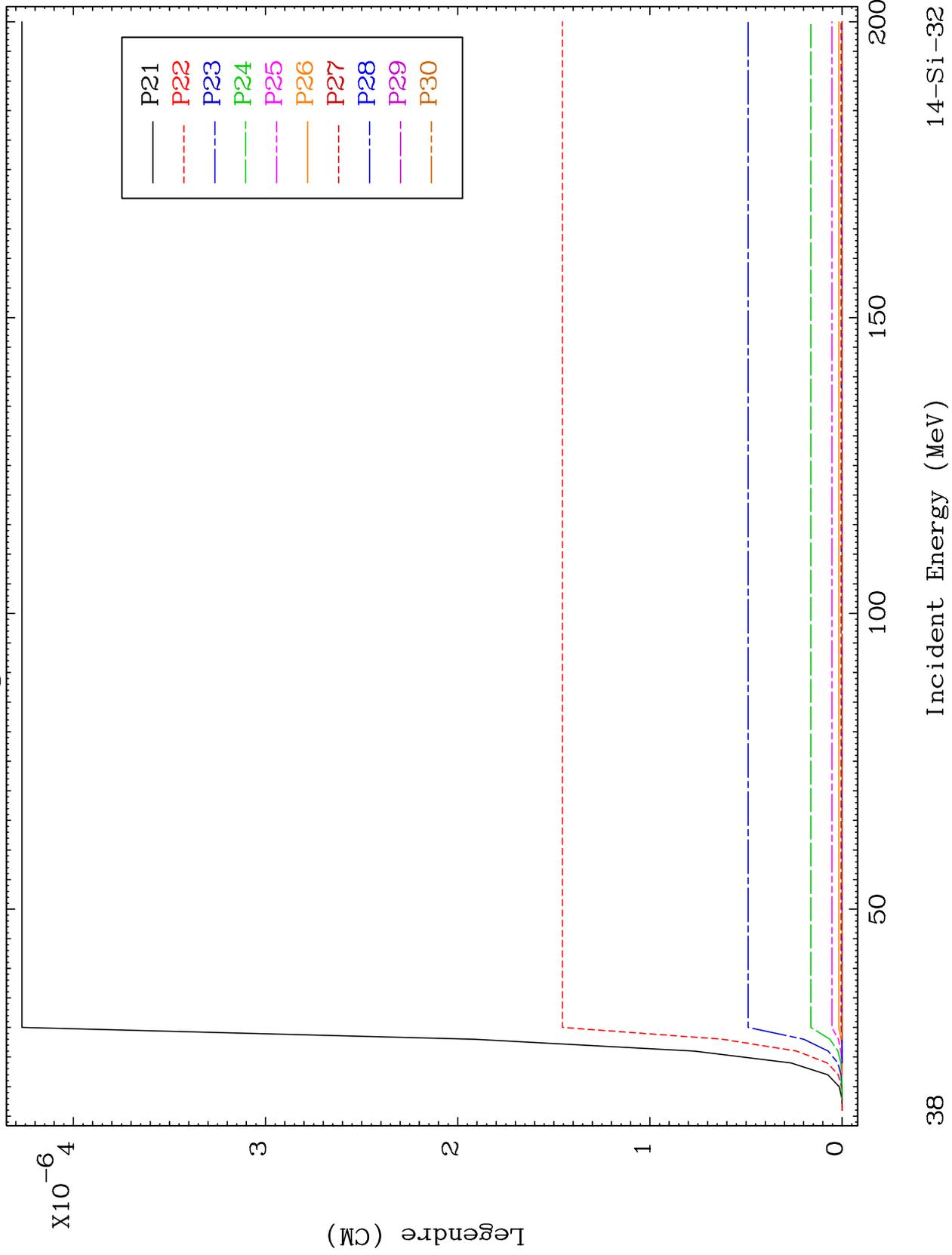
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



38

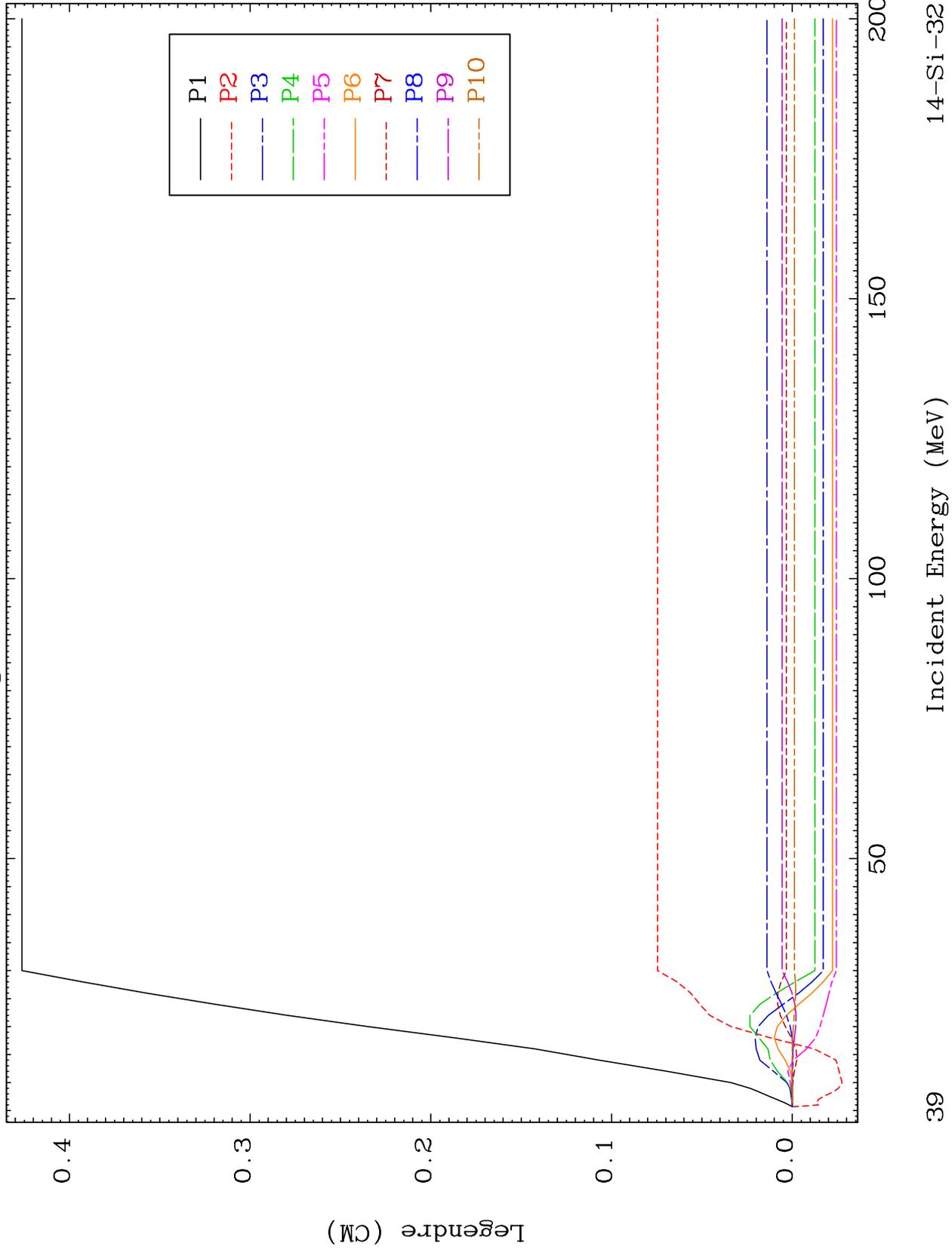
Incident Energy (MeV)

14-Si-32

MAT 1437

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

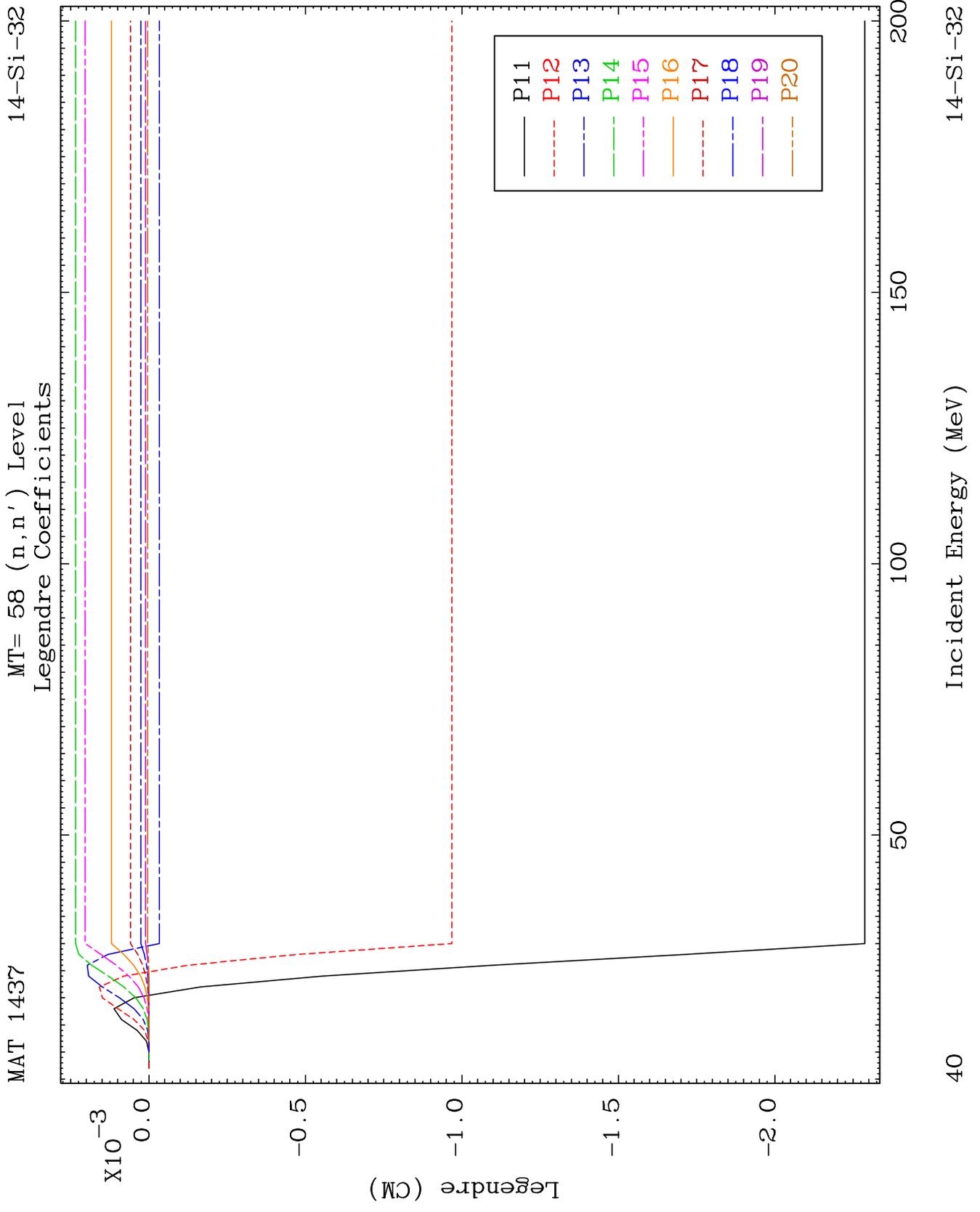
14-Si-32



39

Incident Energy (MeV)

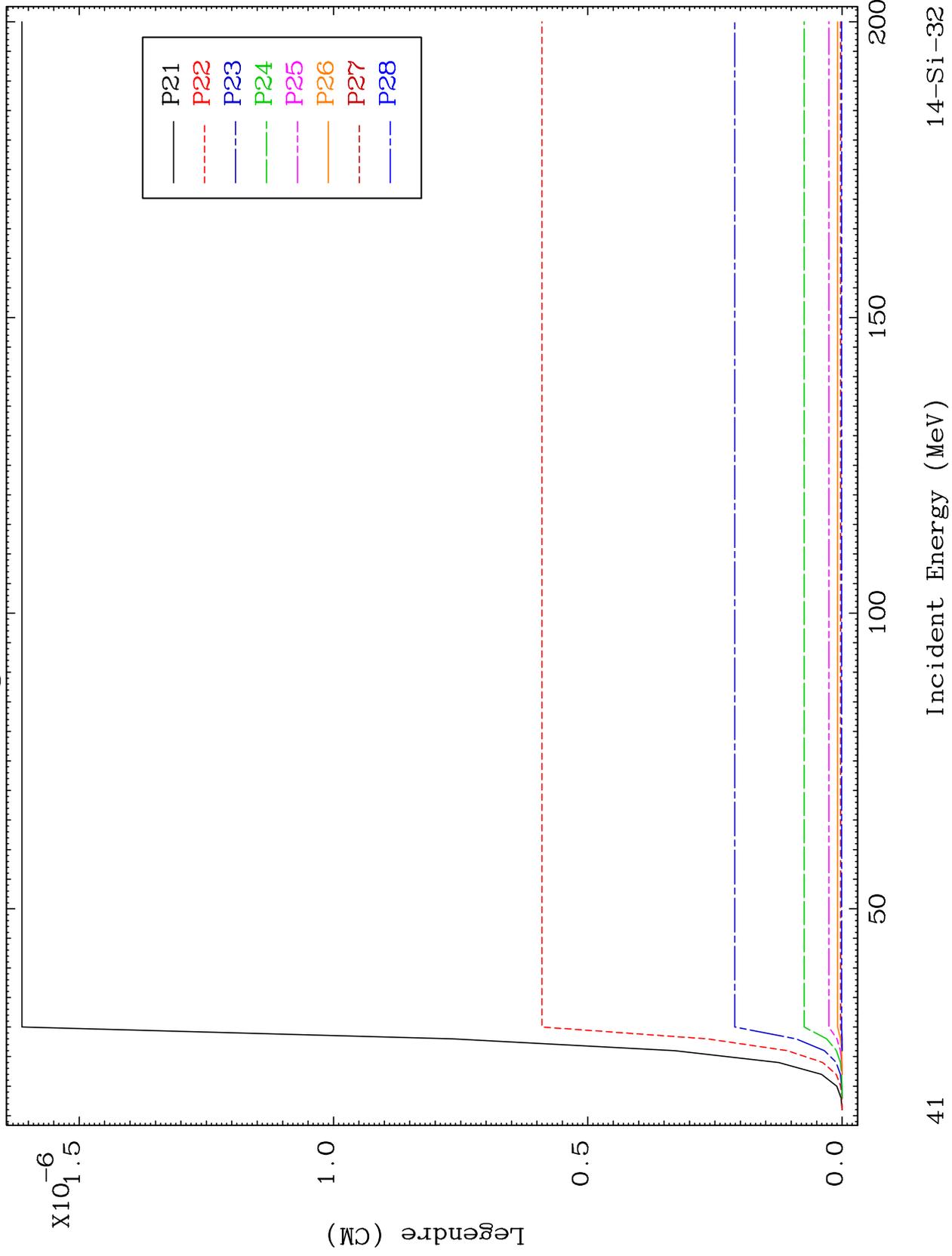
14-Si-32



MAT 1437

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

14-Si-32



41

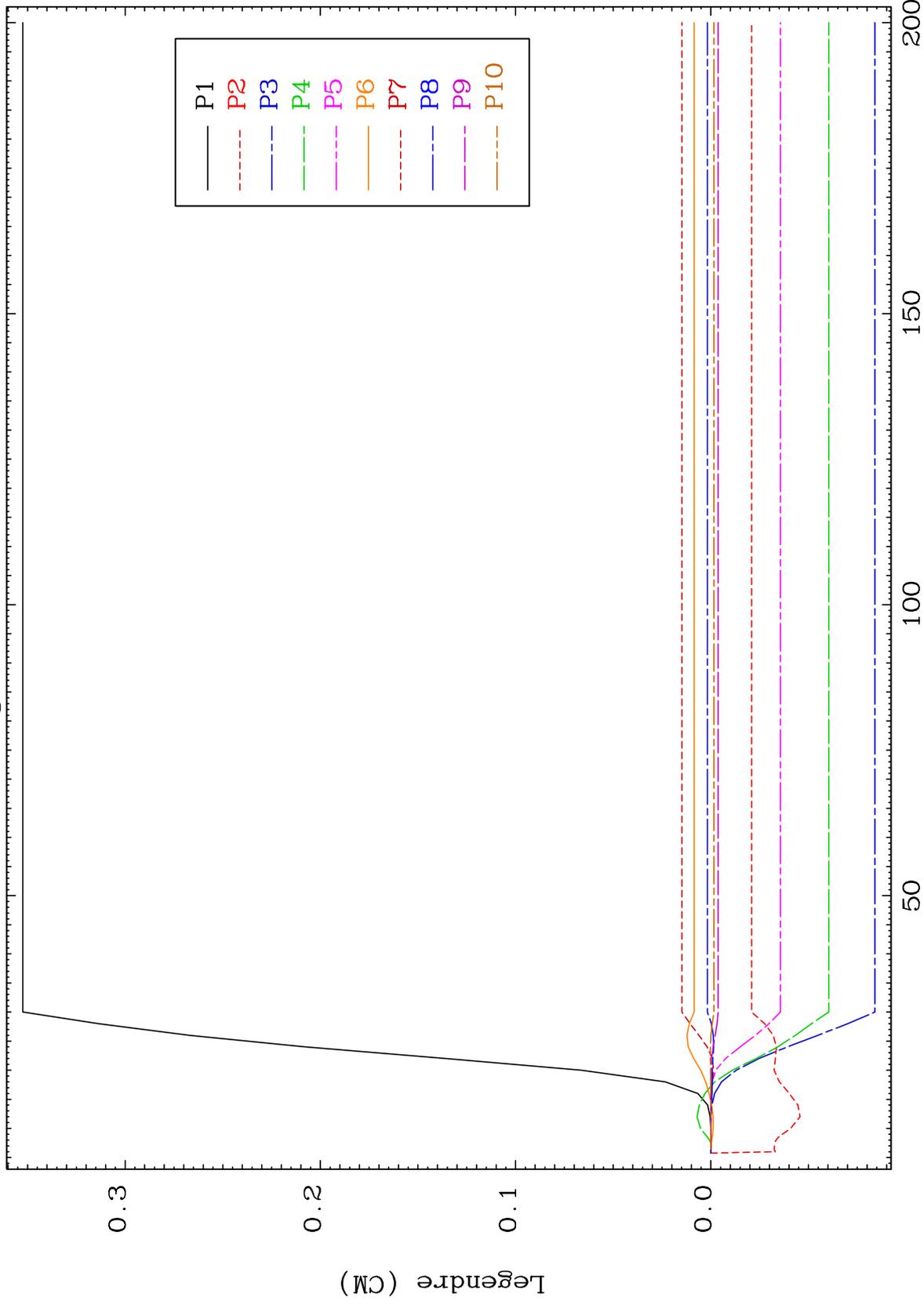
Incident Energy (MeV)

14-Si-32

MAT 1437

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

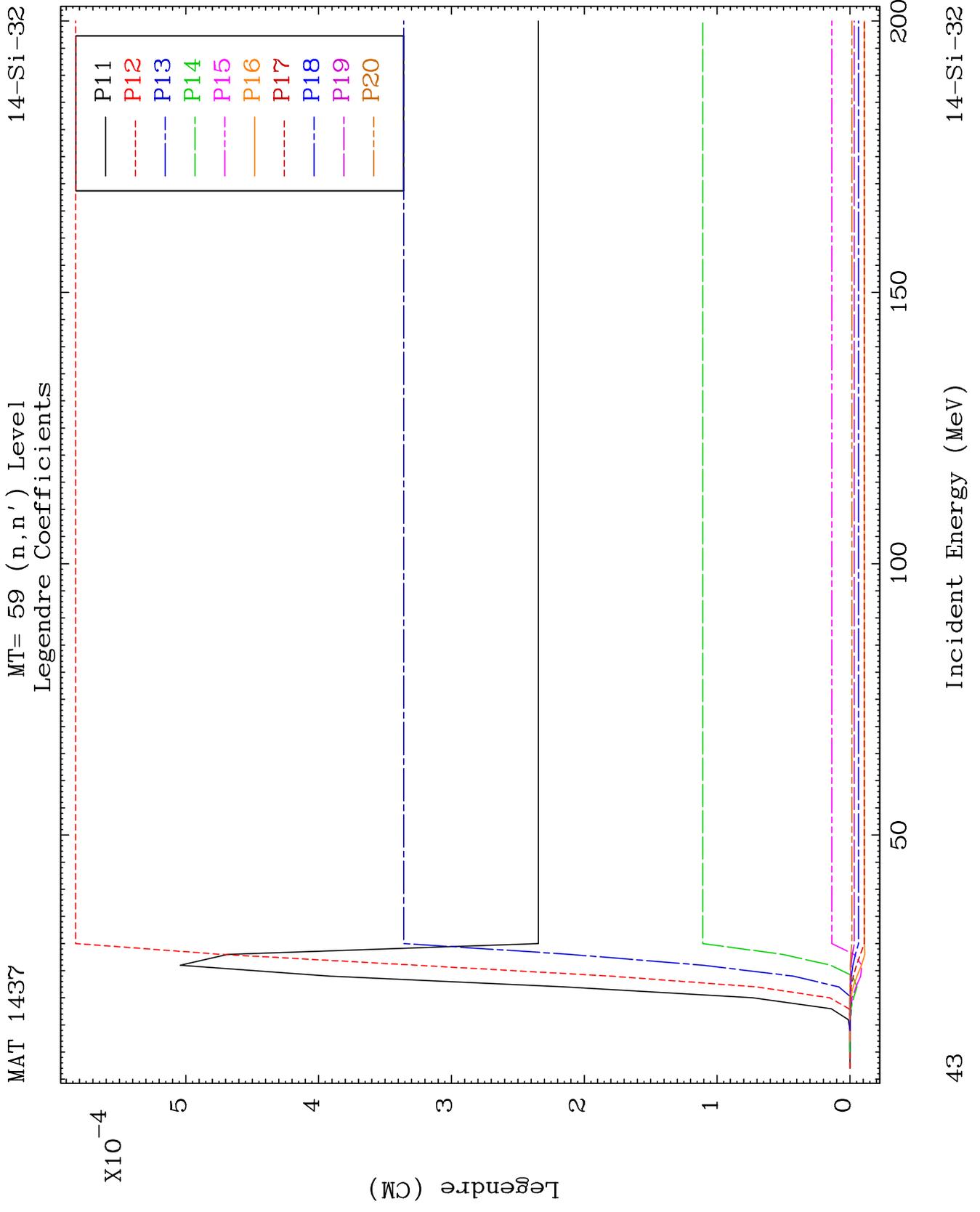
14-Si-32

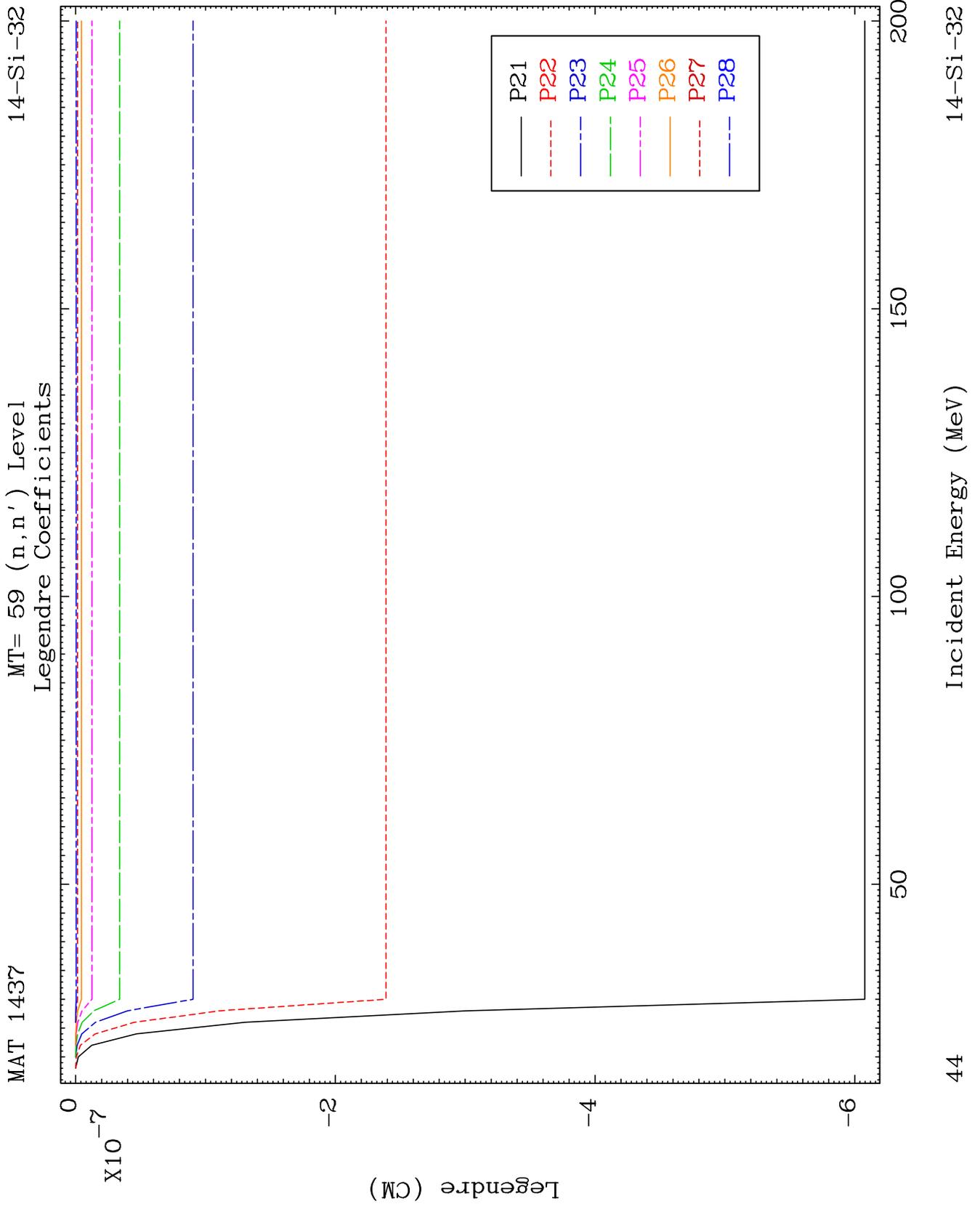


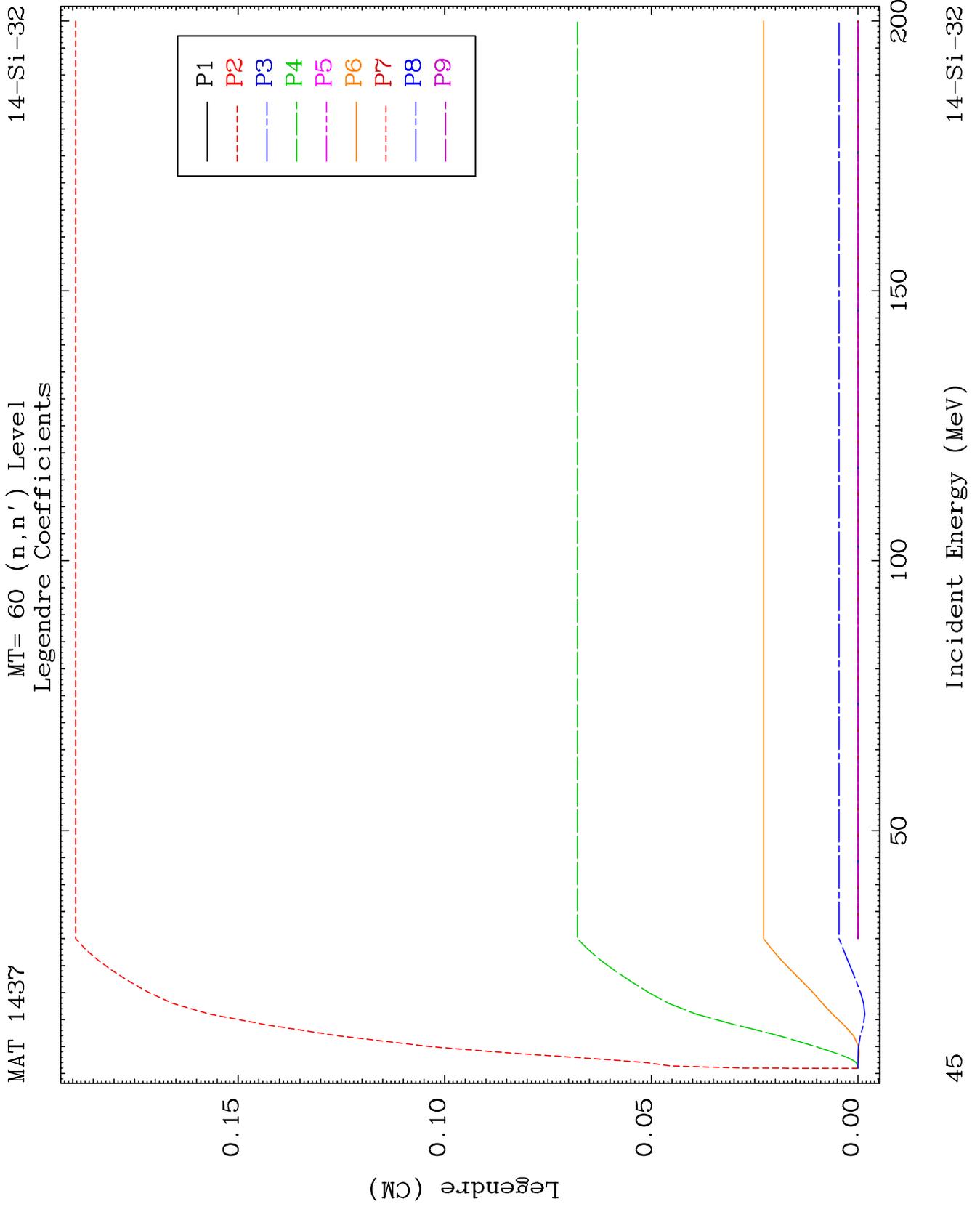
42

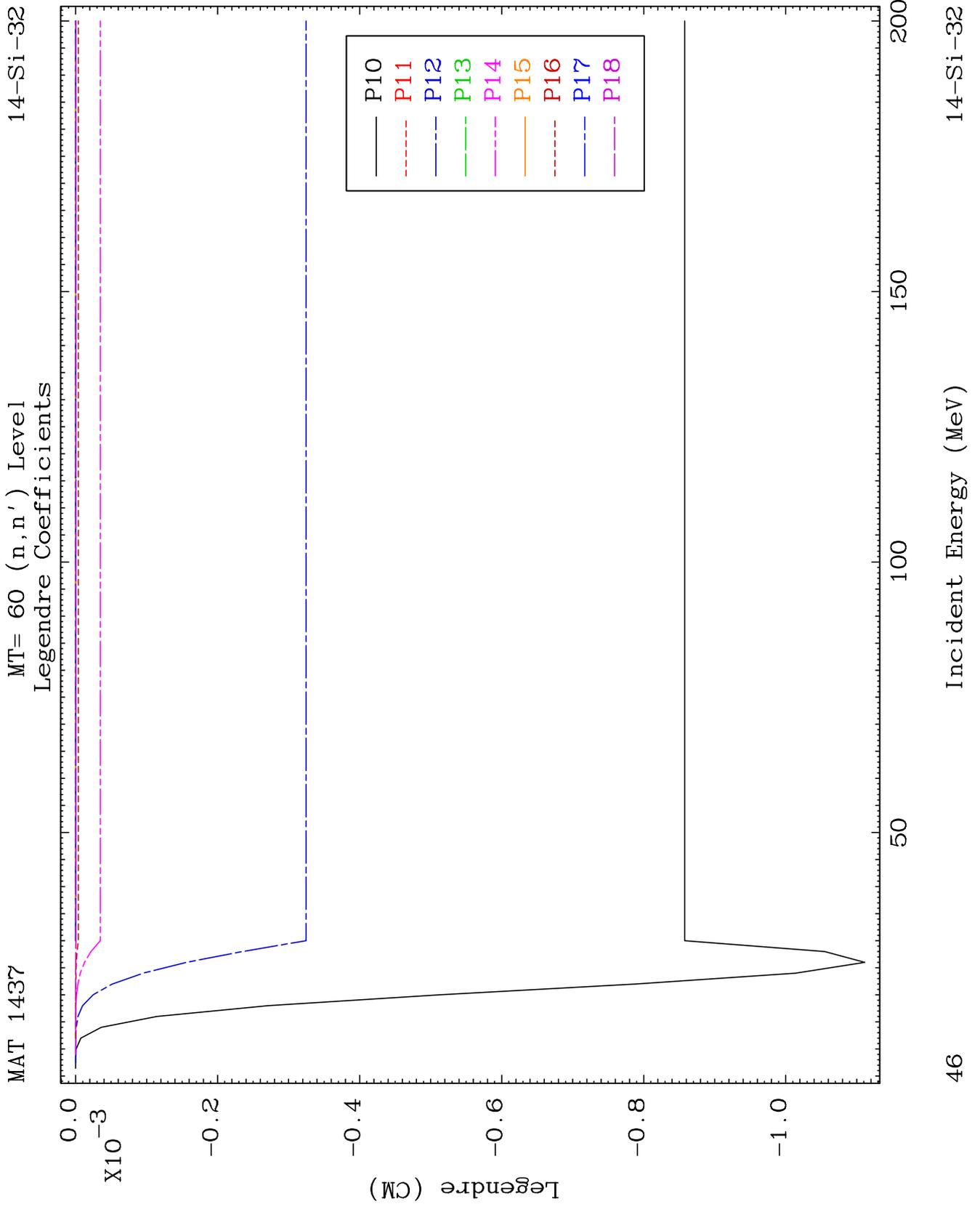
Incident Energy (MeV)

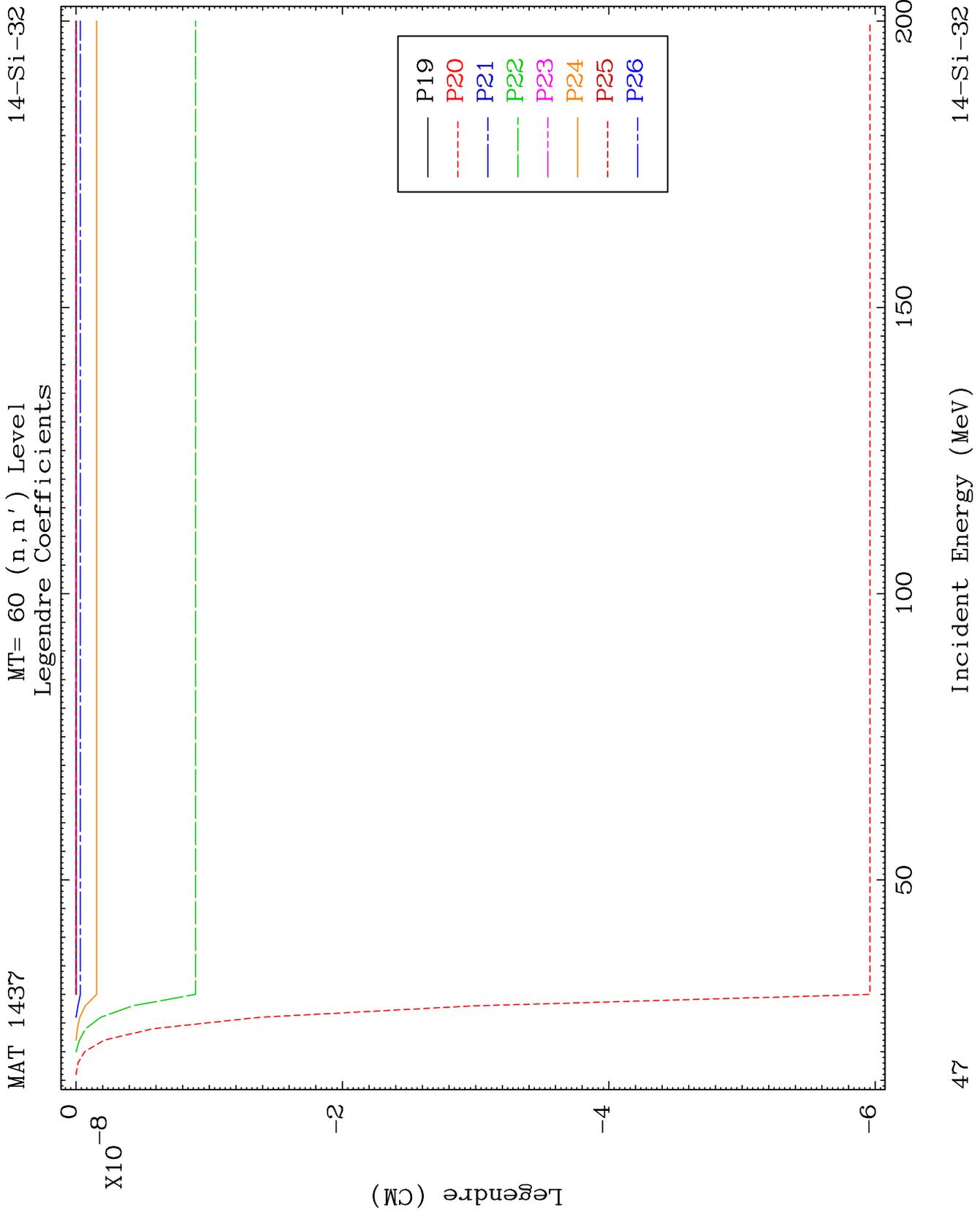
14-Si-32

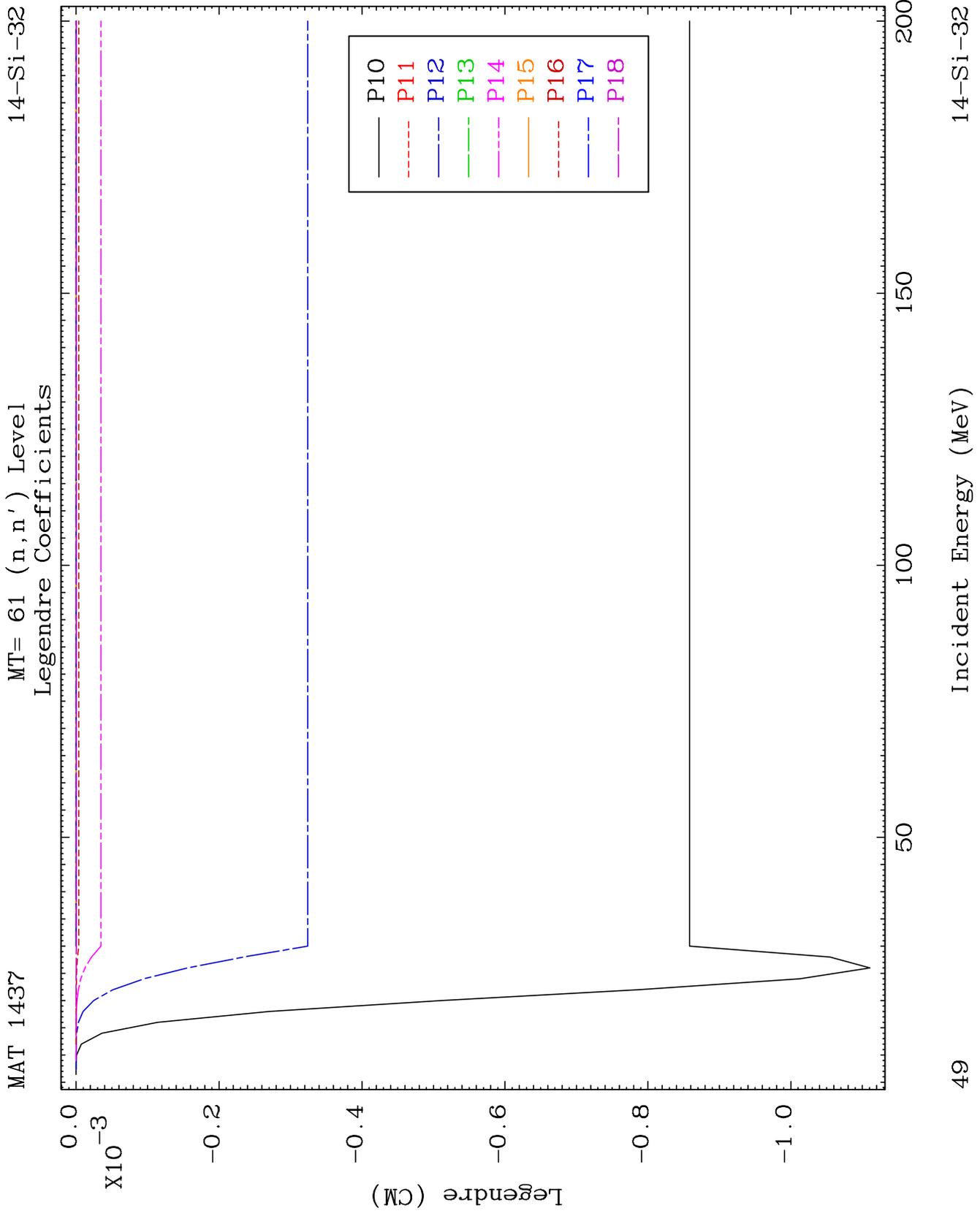


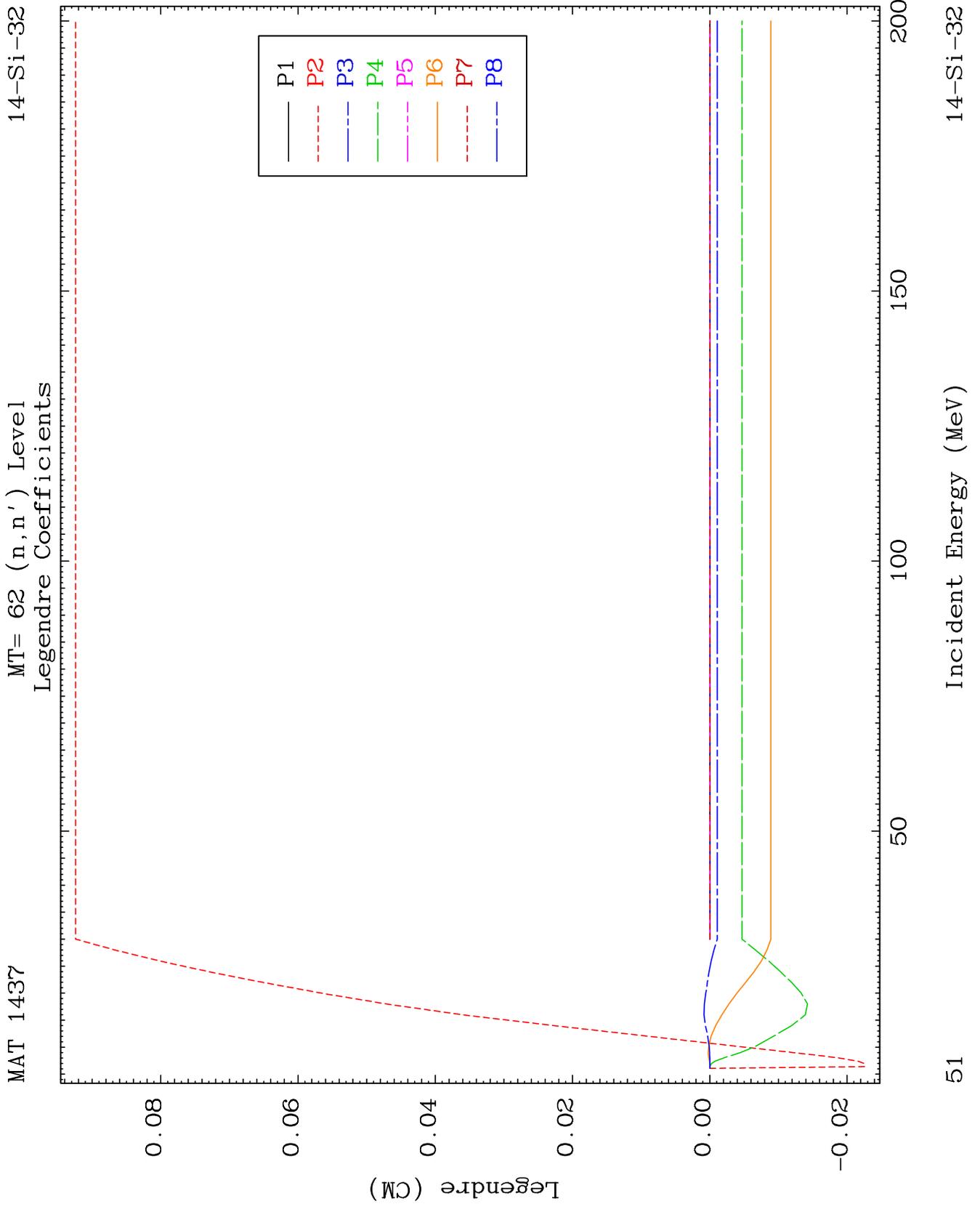








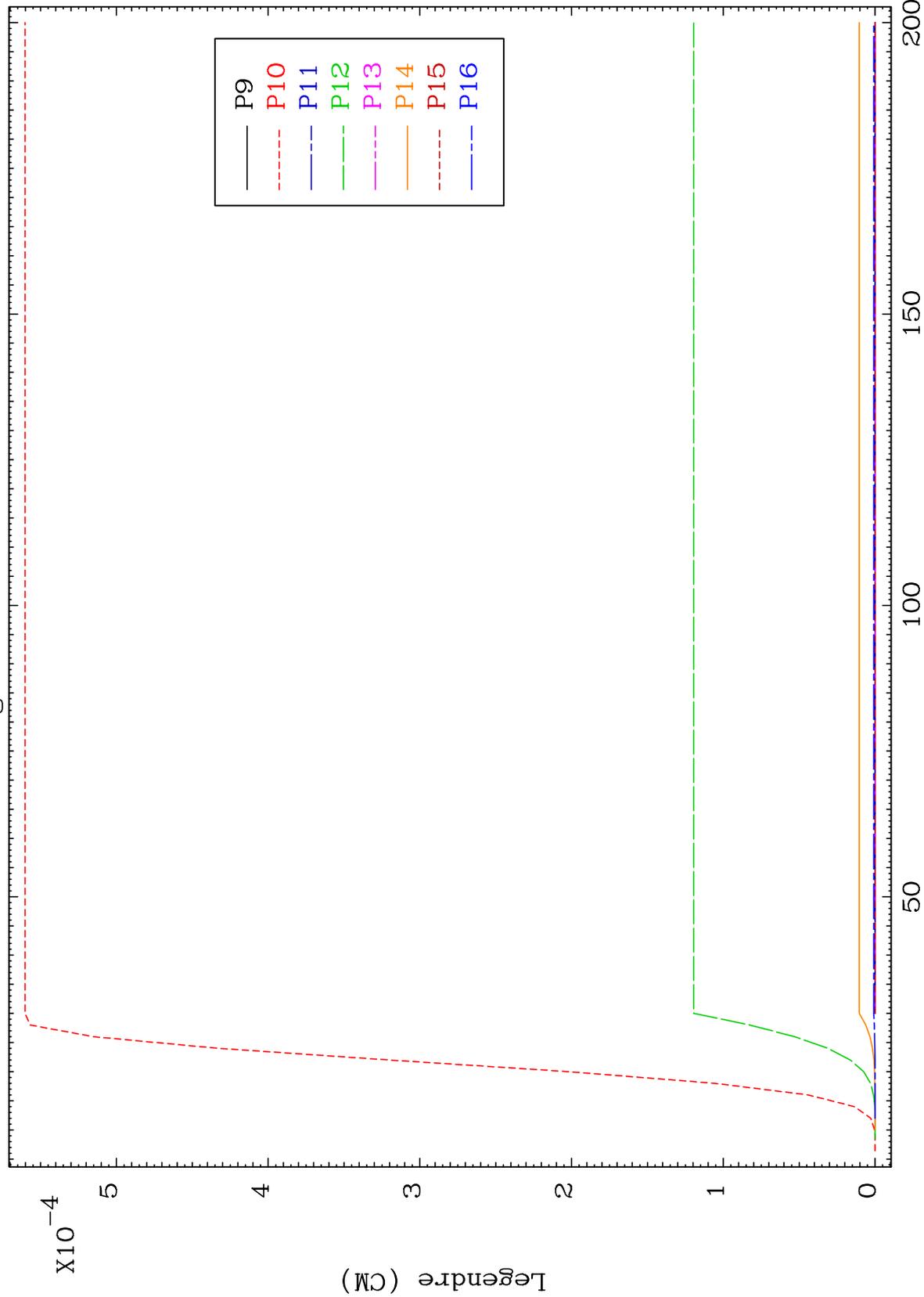




MAT 1437

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

14-Si-32



52

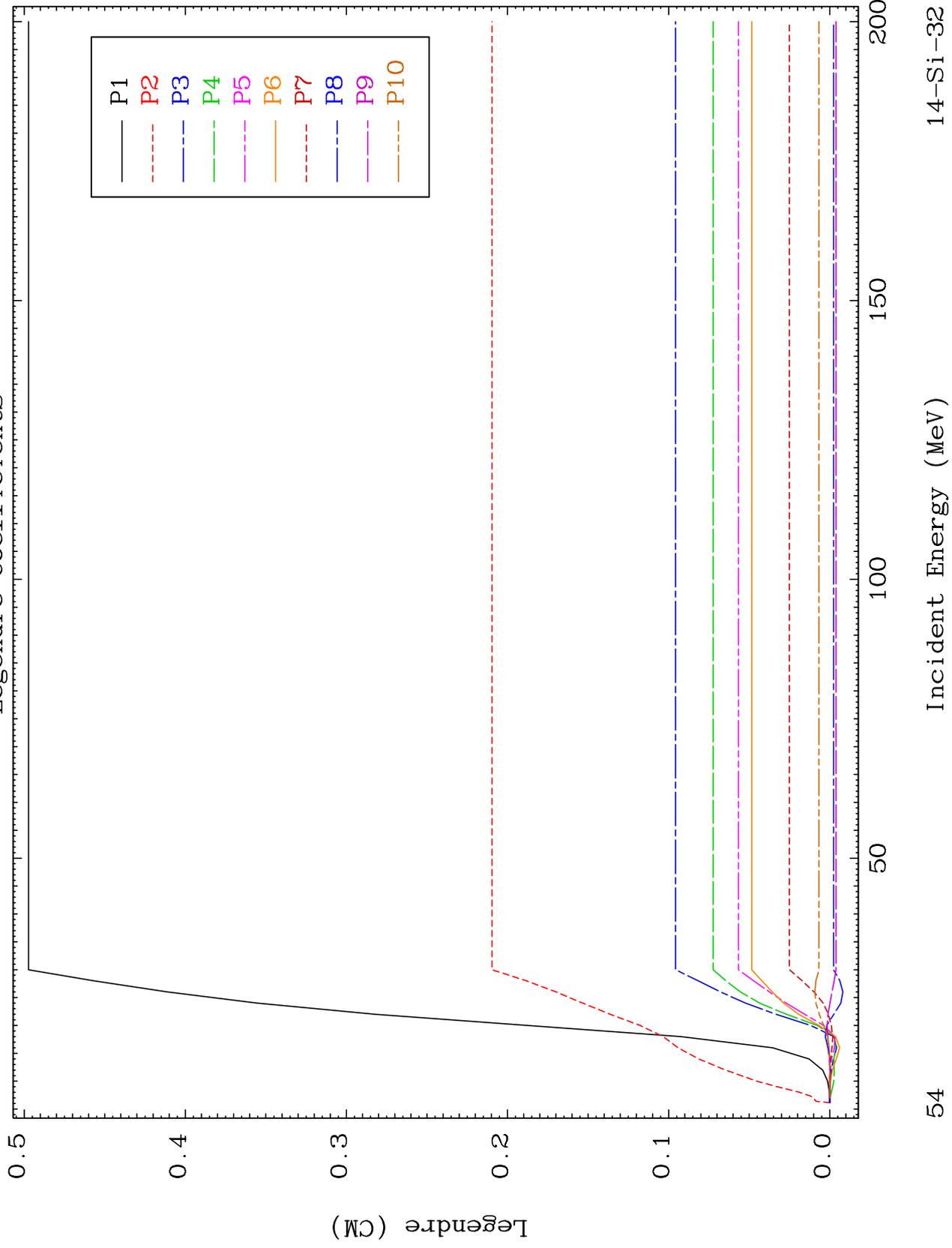
14-Si-32

14-Si-32

MAT 1437

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

14-Si-32



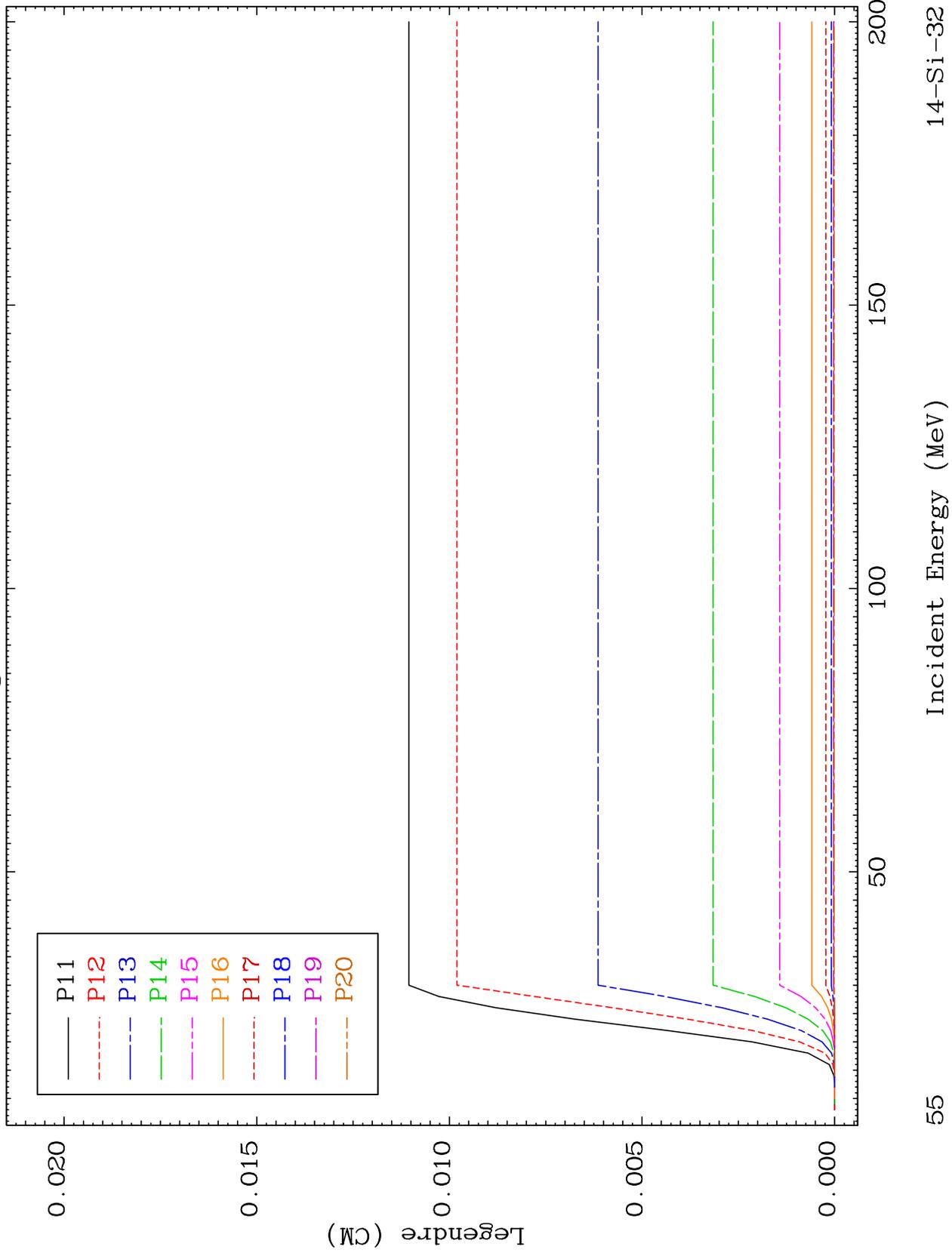
54

14-Si-32

MAT 1437

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

14-Si-32



55

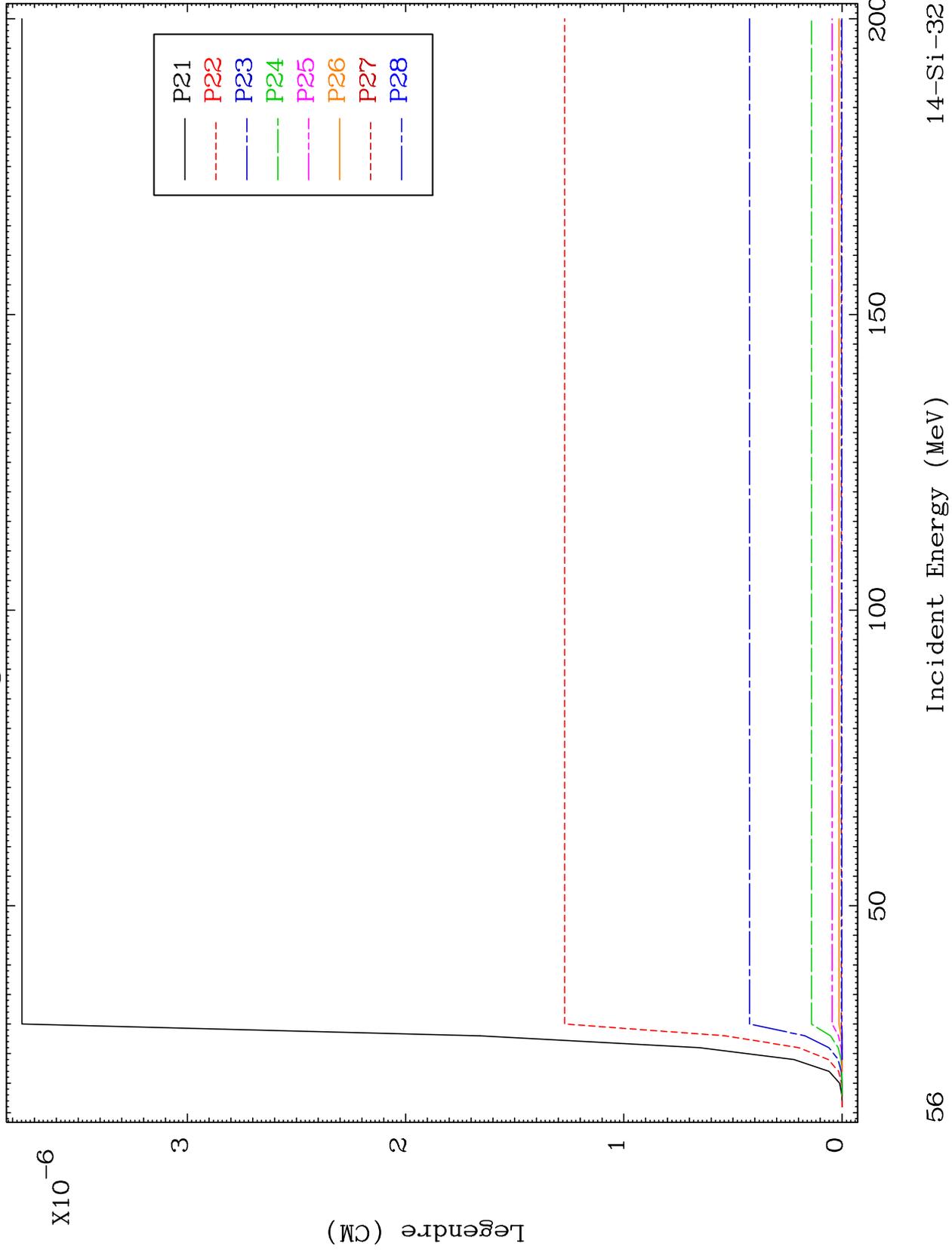
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



56

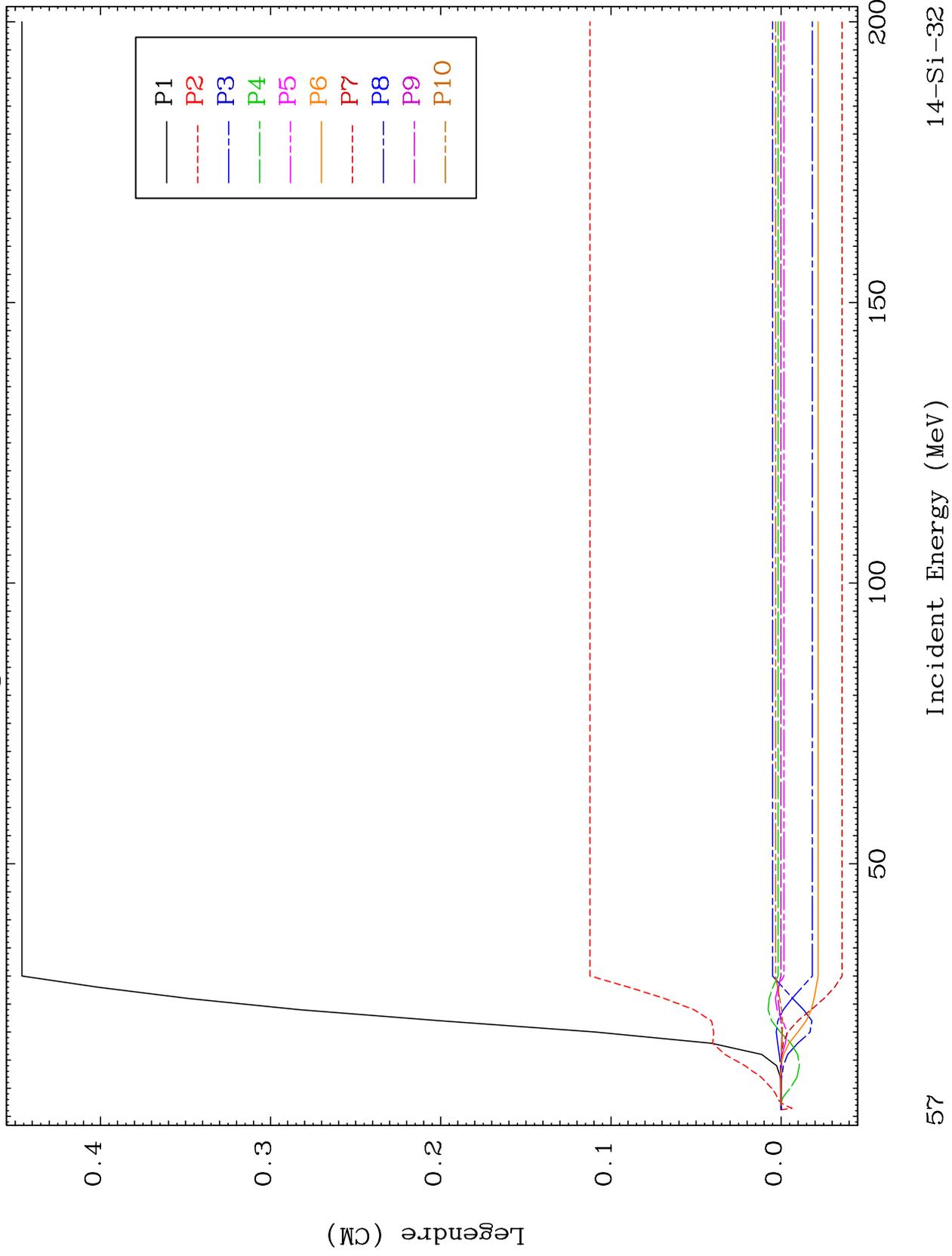
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



57

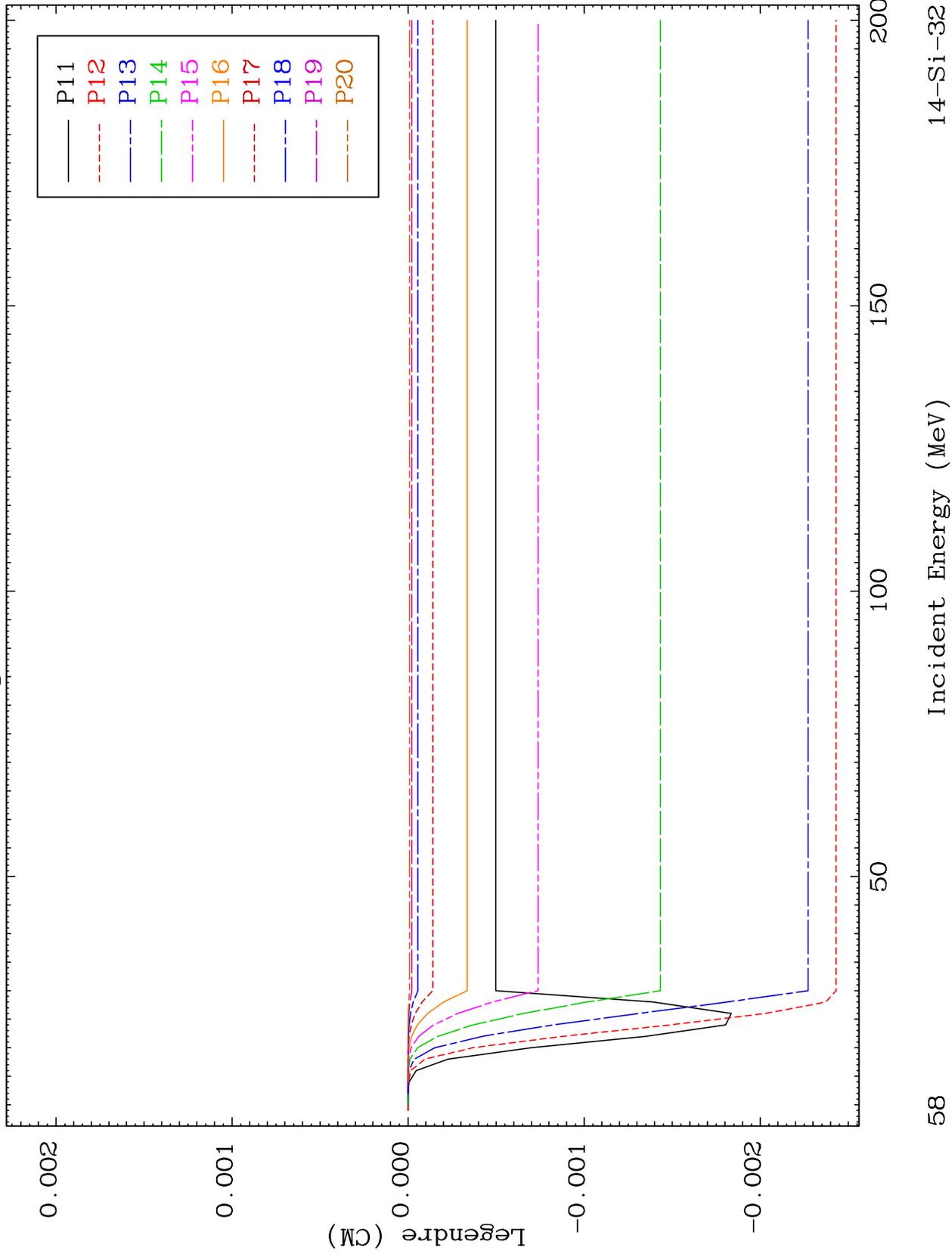
Incident Energy (MeV)

14-Si-32

MAT 1437

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

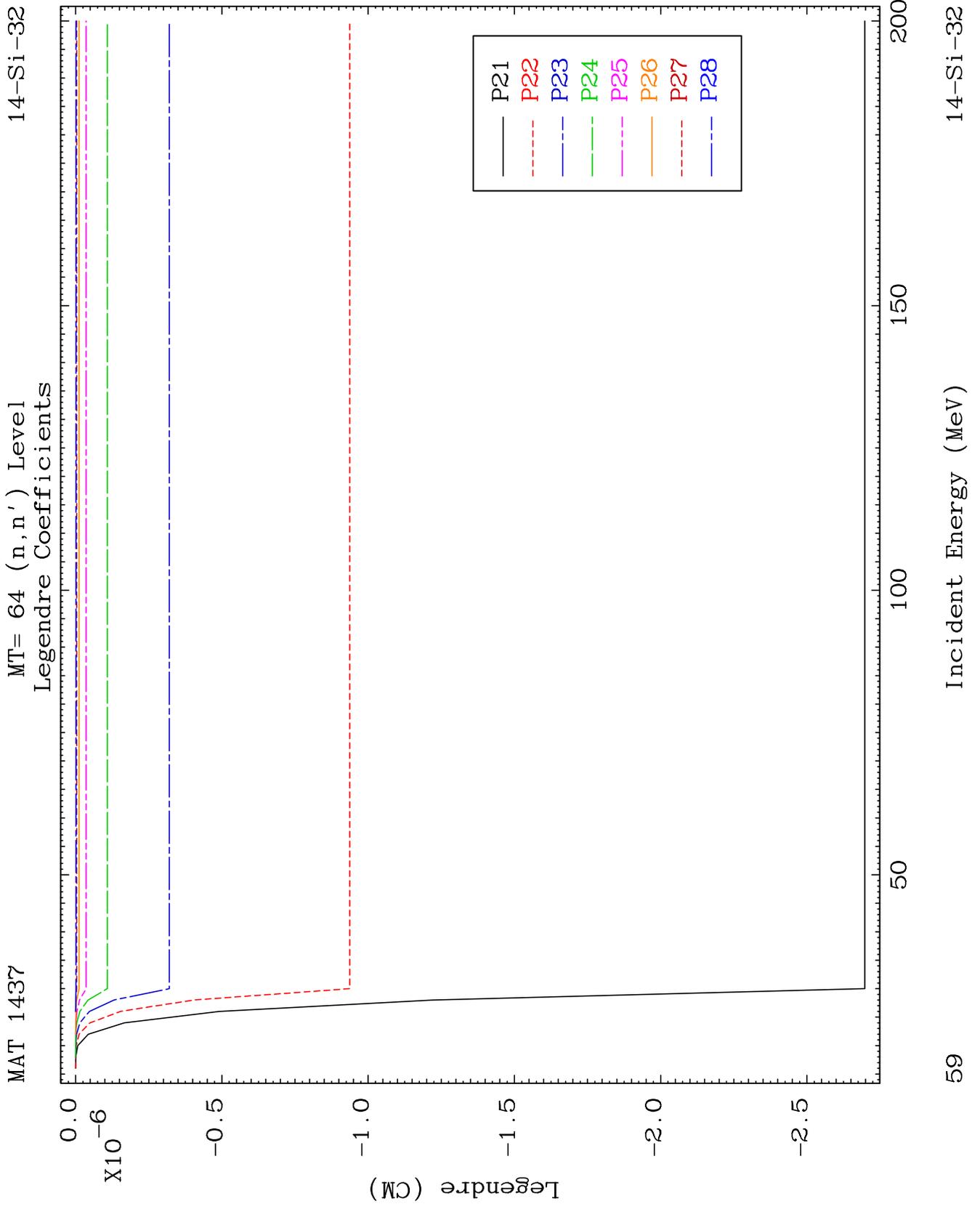
14-Si-32

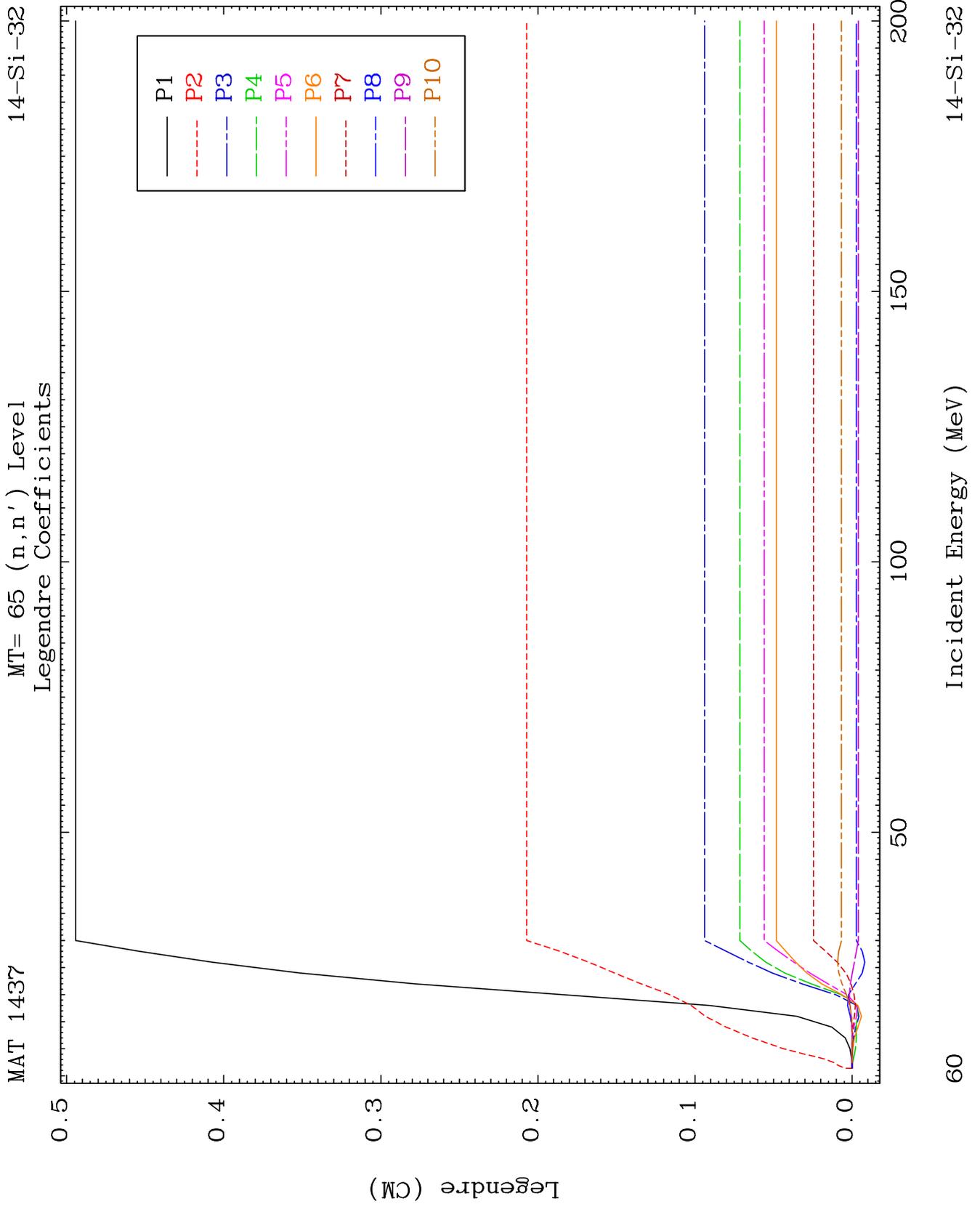


58

Incident Energy (MeV)

14-Si-32

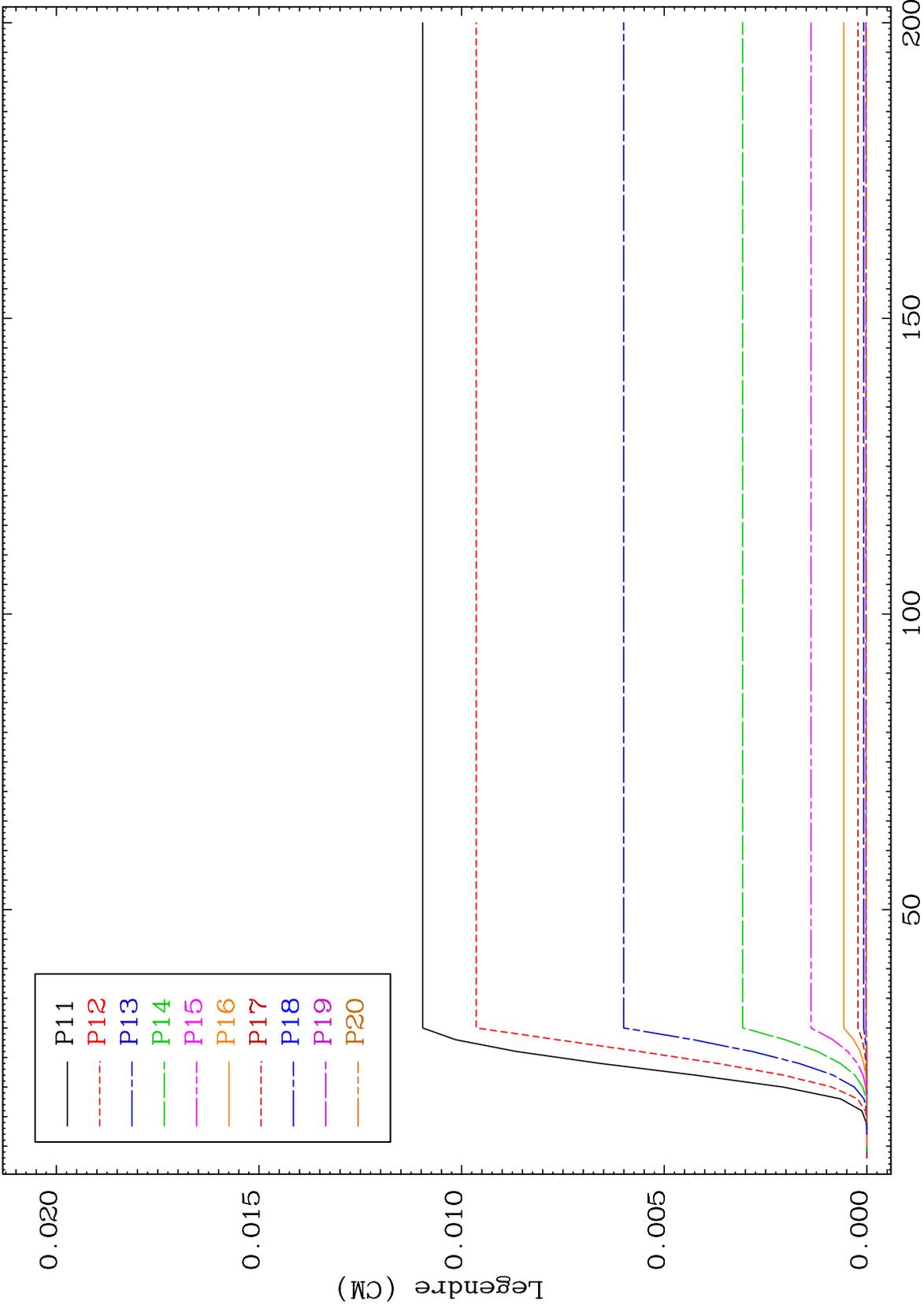




MAT 1437

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

14-Si-32



61

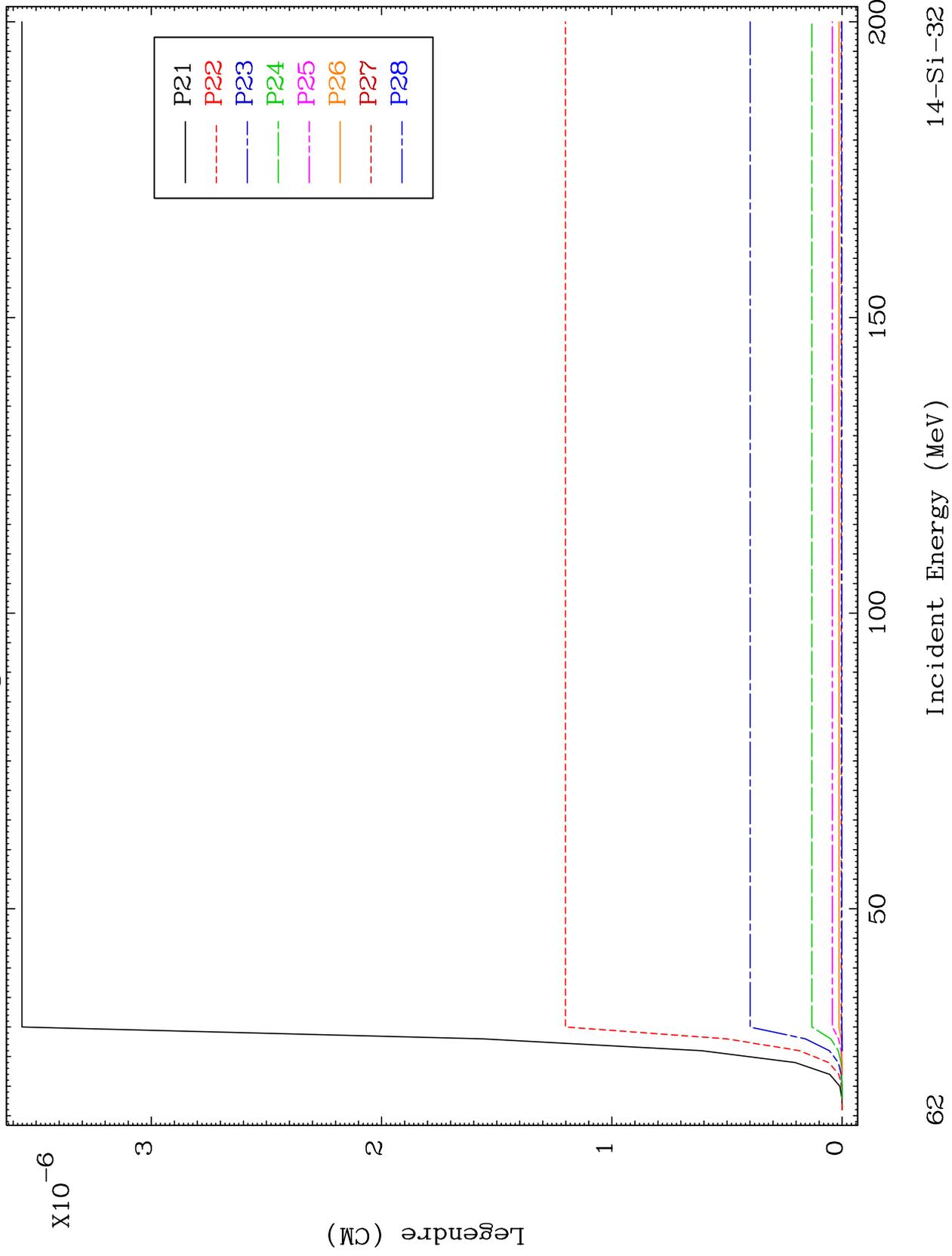
Incident Energy (MeV)

14-Si-32

MAT 1437

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

14-Si-32



62

Incident Energy (MeV)

14-Si-32