

Program EVALPLOT
(Version 2017-1)

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

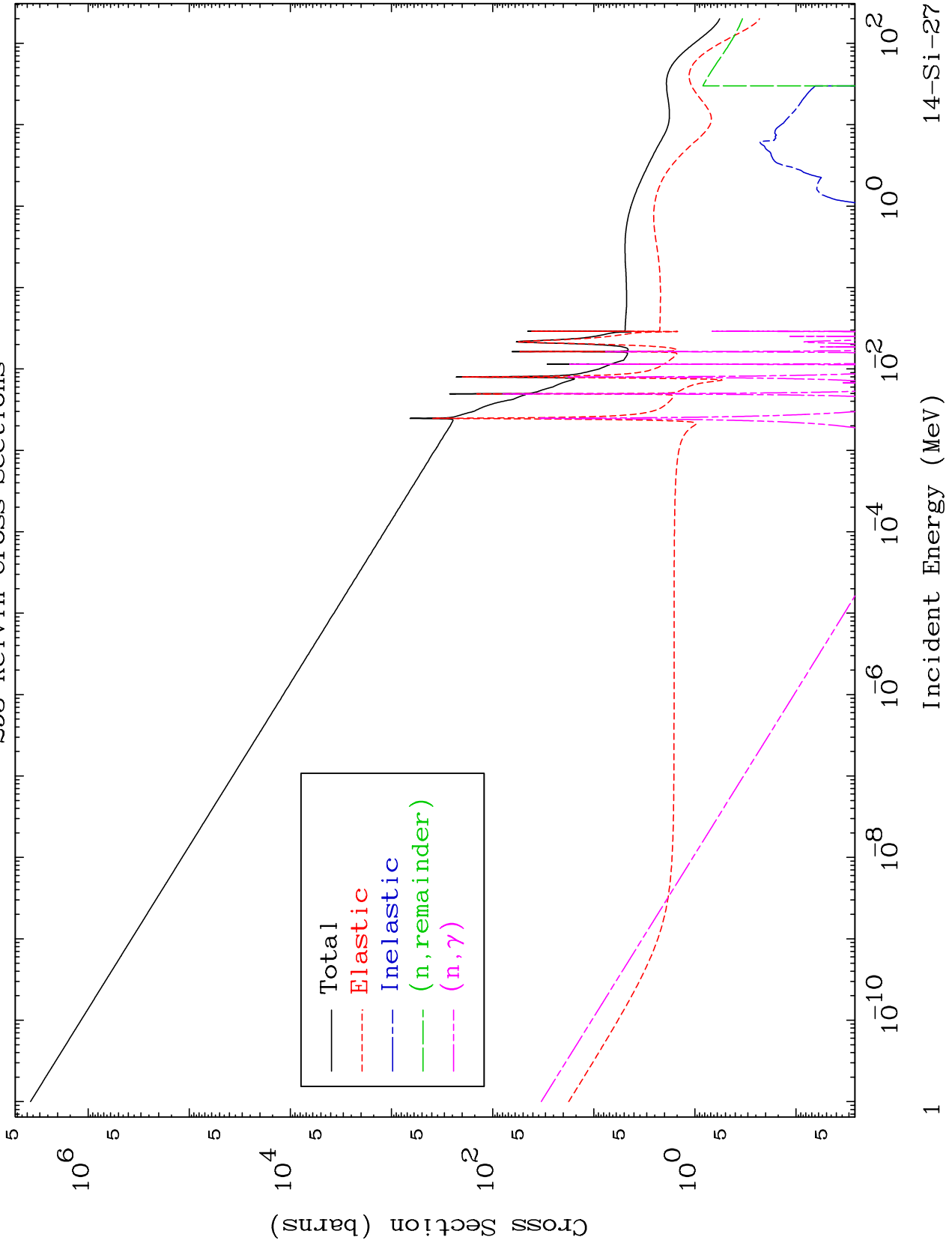
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

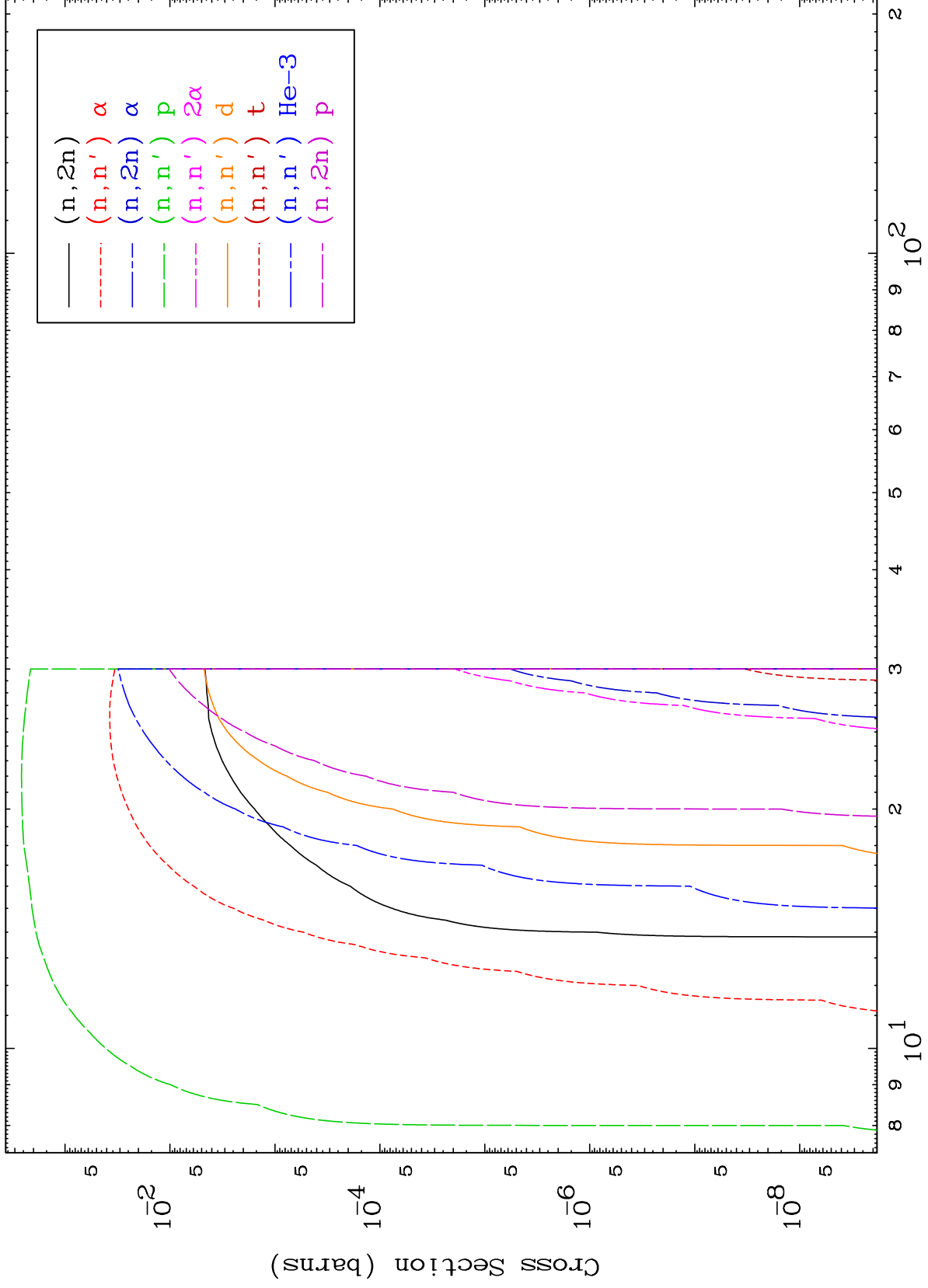
MAT 1422

Major
293 Kelvin Cross Sections

14-Si-27



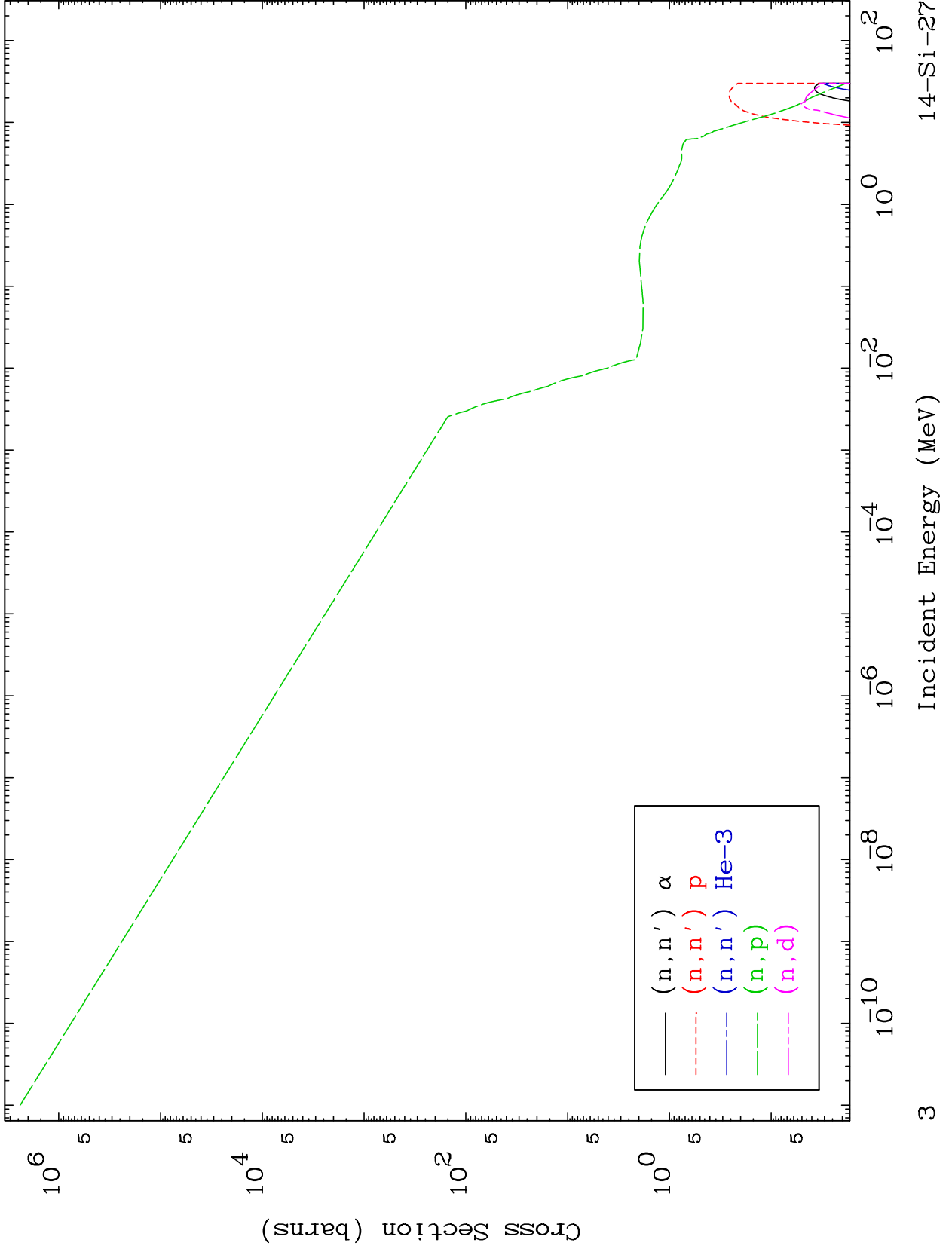
Neutron Production
293 Kelvin Cross Sections



MAT 1422

Charged Particle
293 Kelvin Cross Sections

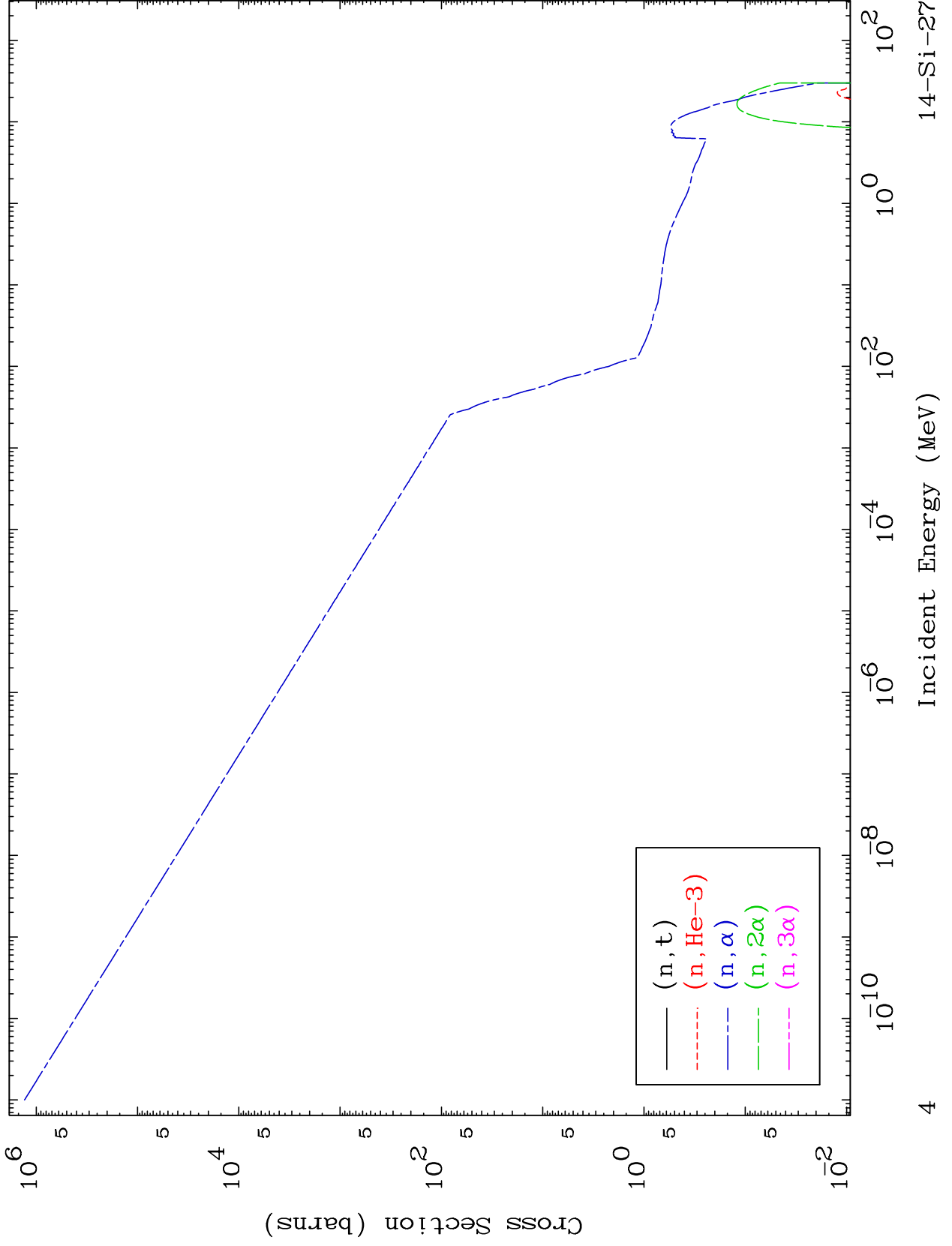
14-Si-27



MAT 1422

Charged Particle
293 Kelvin Cross Sections

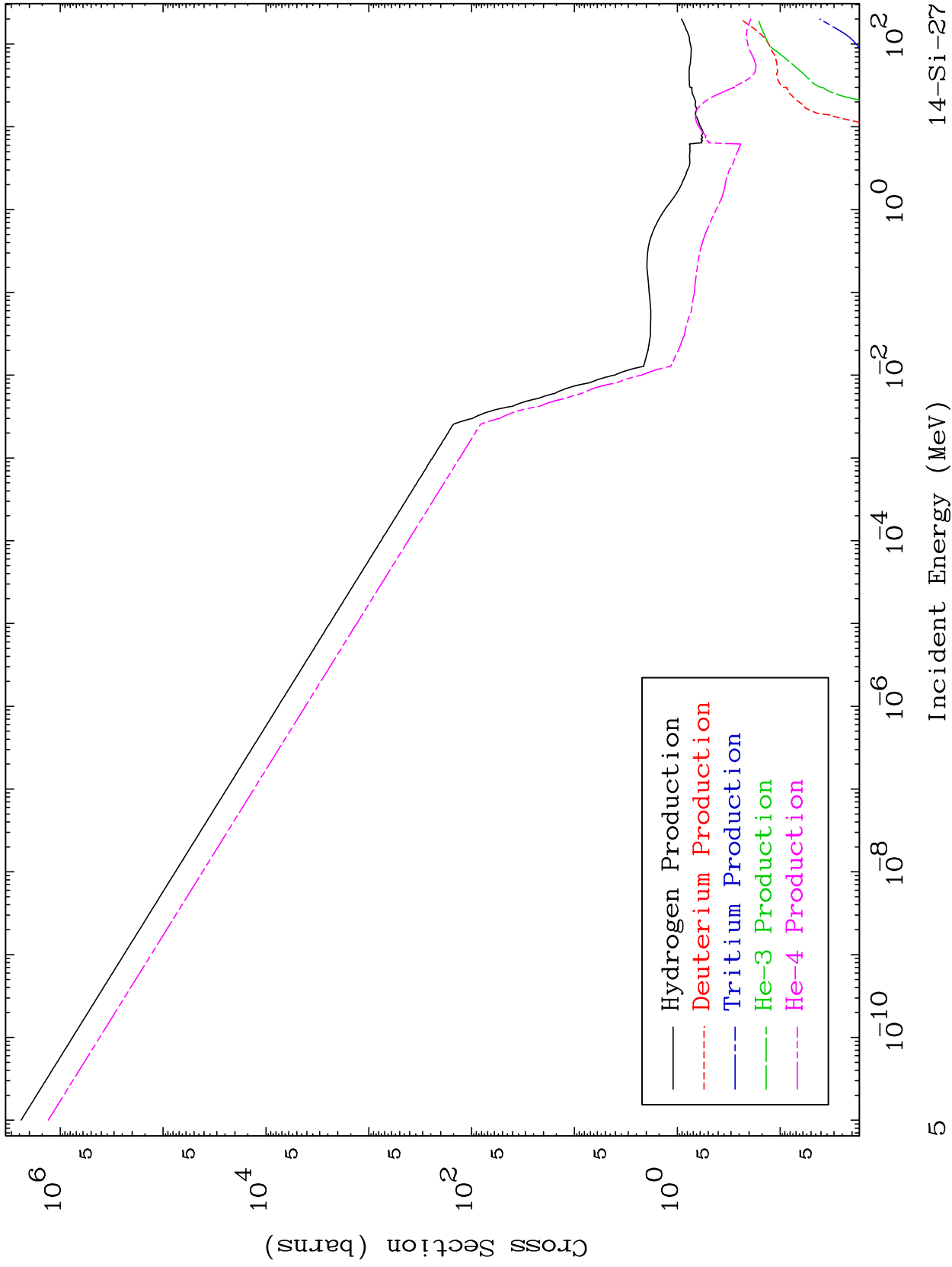
14-Si-27



MAT 1422

Particle Production
293 Kelvin Cross Sections

14-Si-27

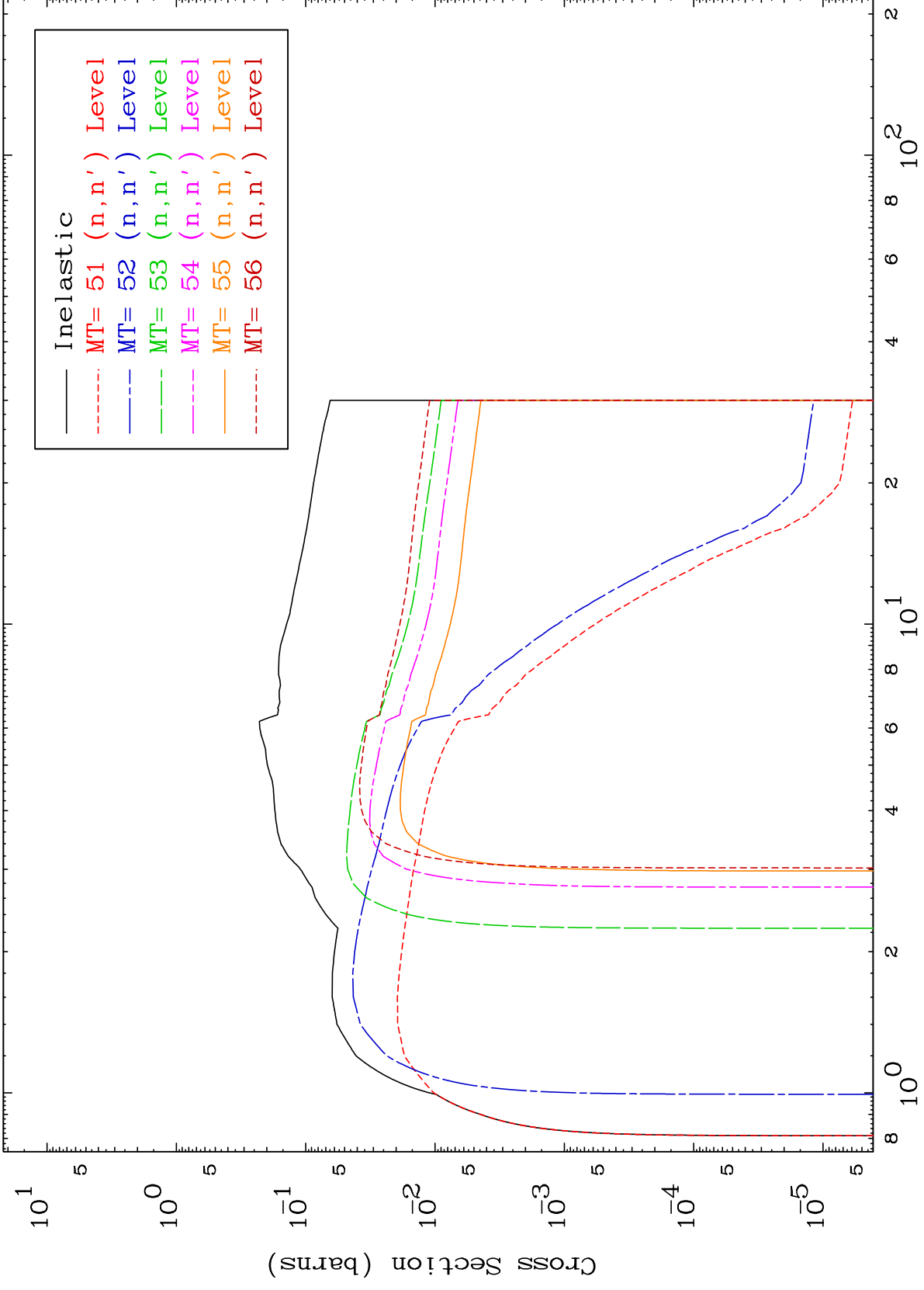


MAT 1422

(n,n') Level

14-Si-27

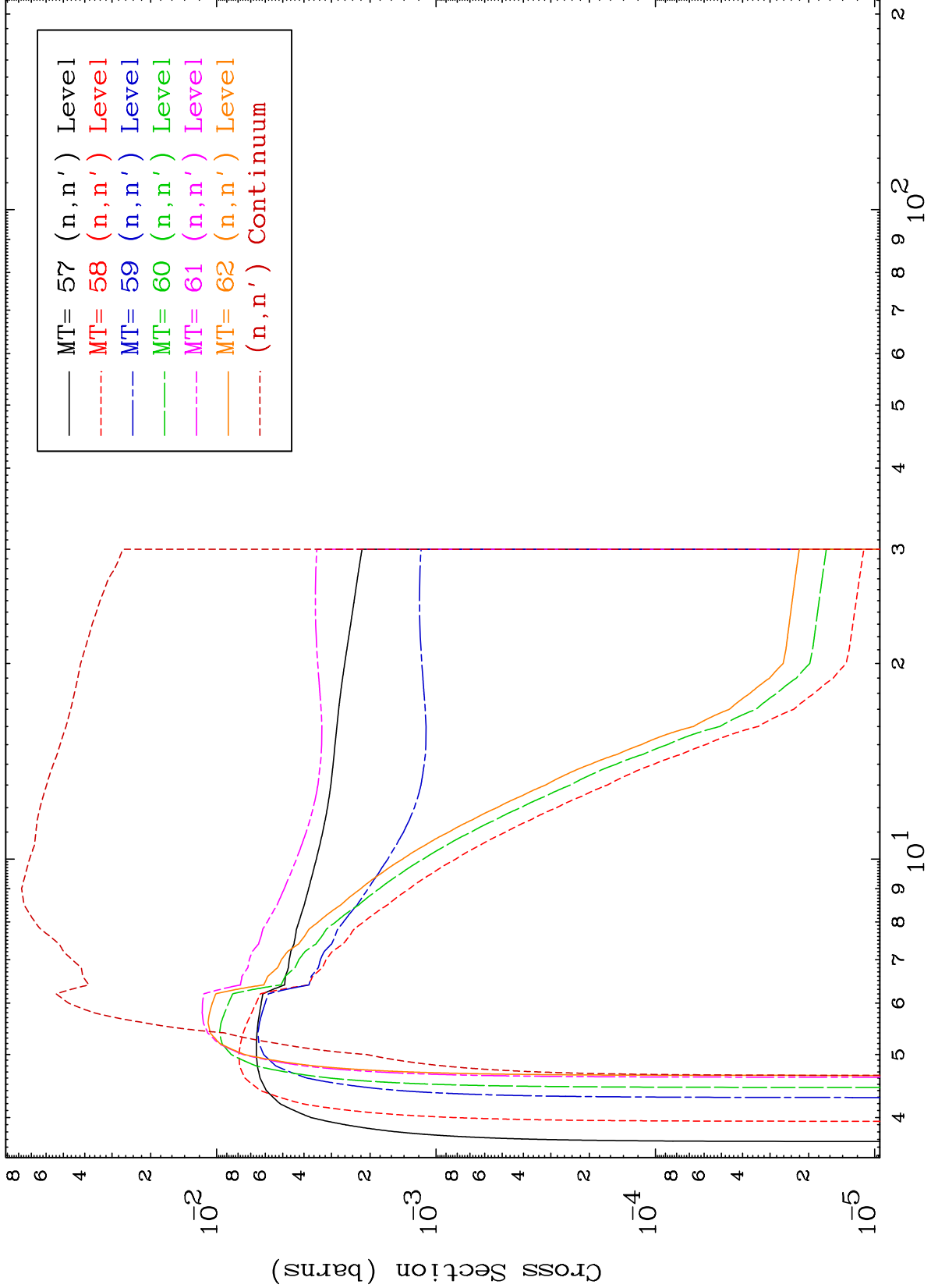
293 Kelvin Cross Sections



Incident Energy (MeV)

14-Si-27

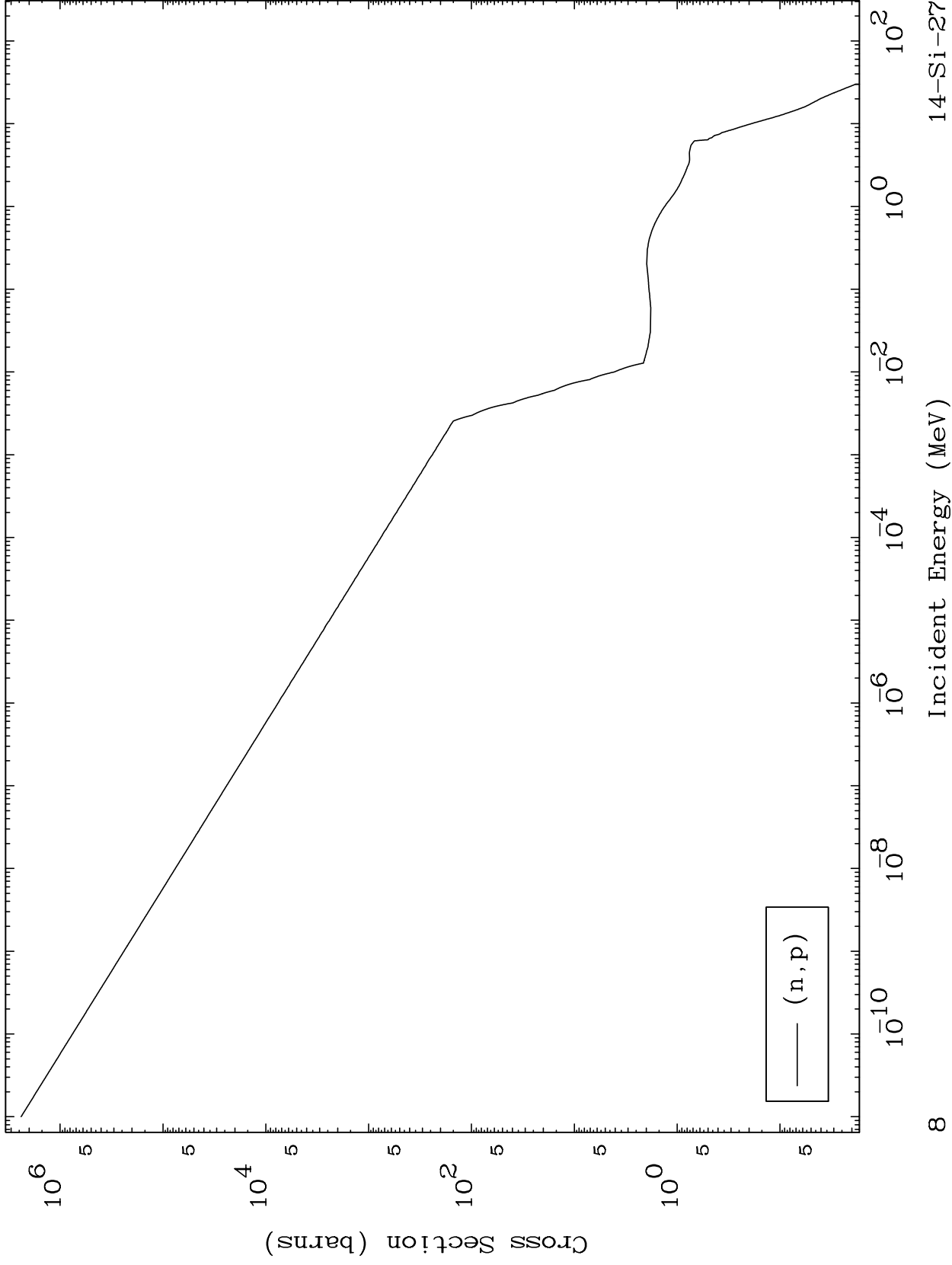
293 Kelvin Cross Sections



MAT 1422

(n,p) Levels
293 Kelvin Cross Sections

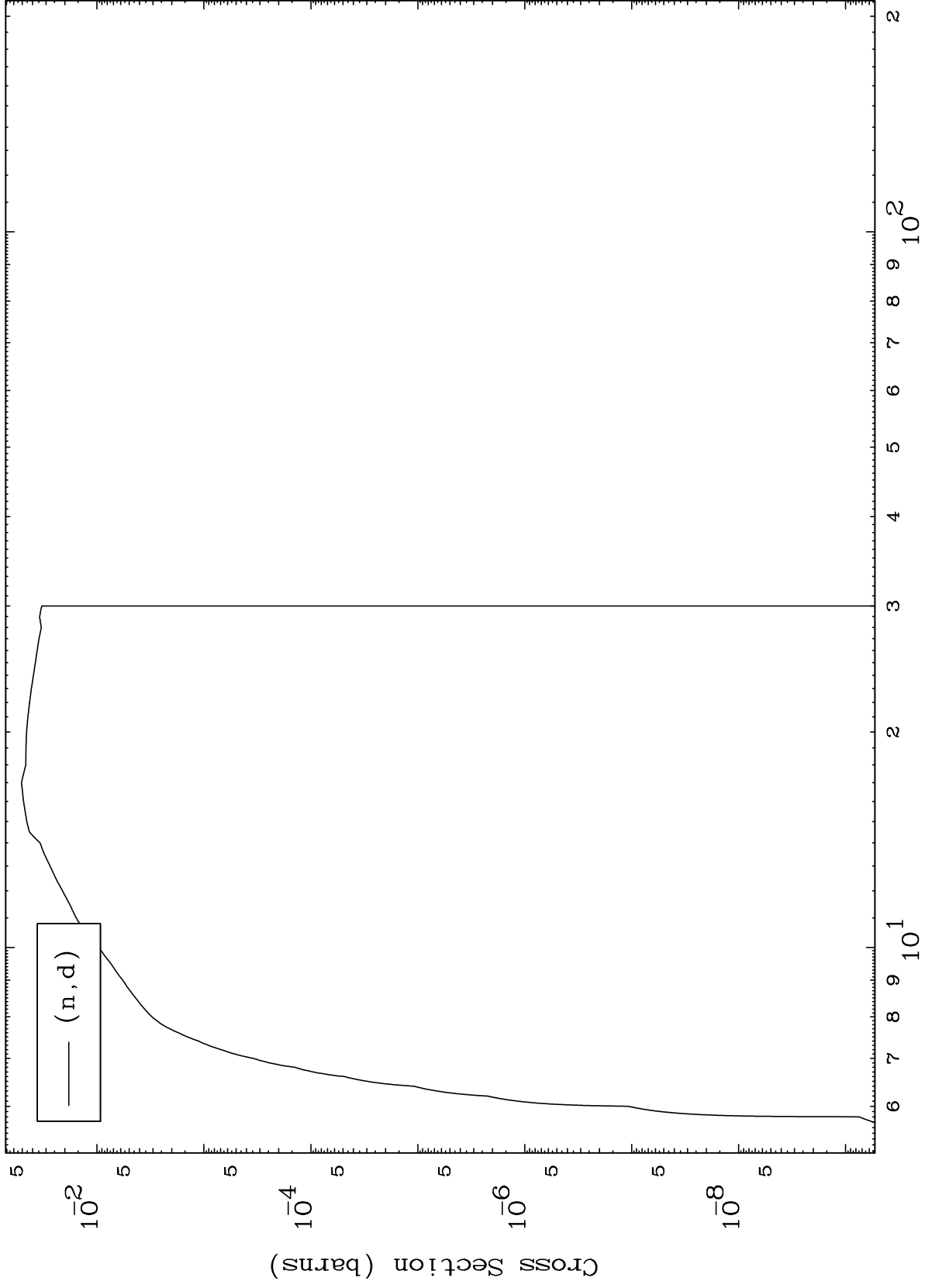
14-Si-27



MAT 1422

(n,d) Levels
293 Kelvin Cross Sections

14-Si-27



9

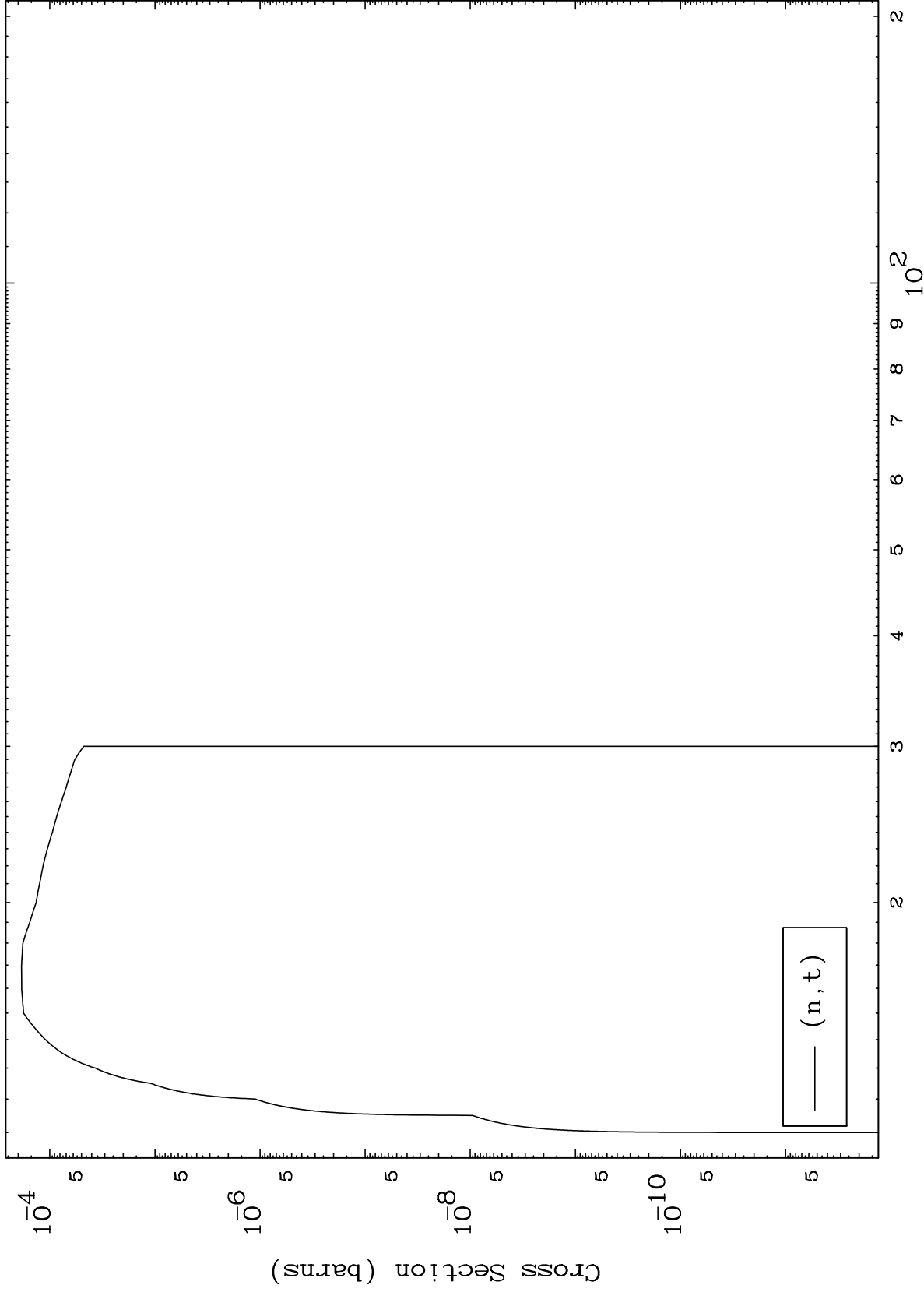
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,t) Levels
293 Kelvin Cross Sections

14-Si-27



(n,t)

10

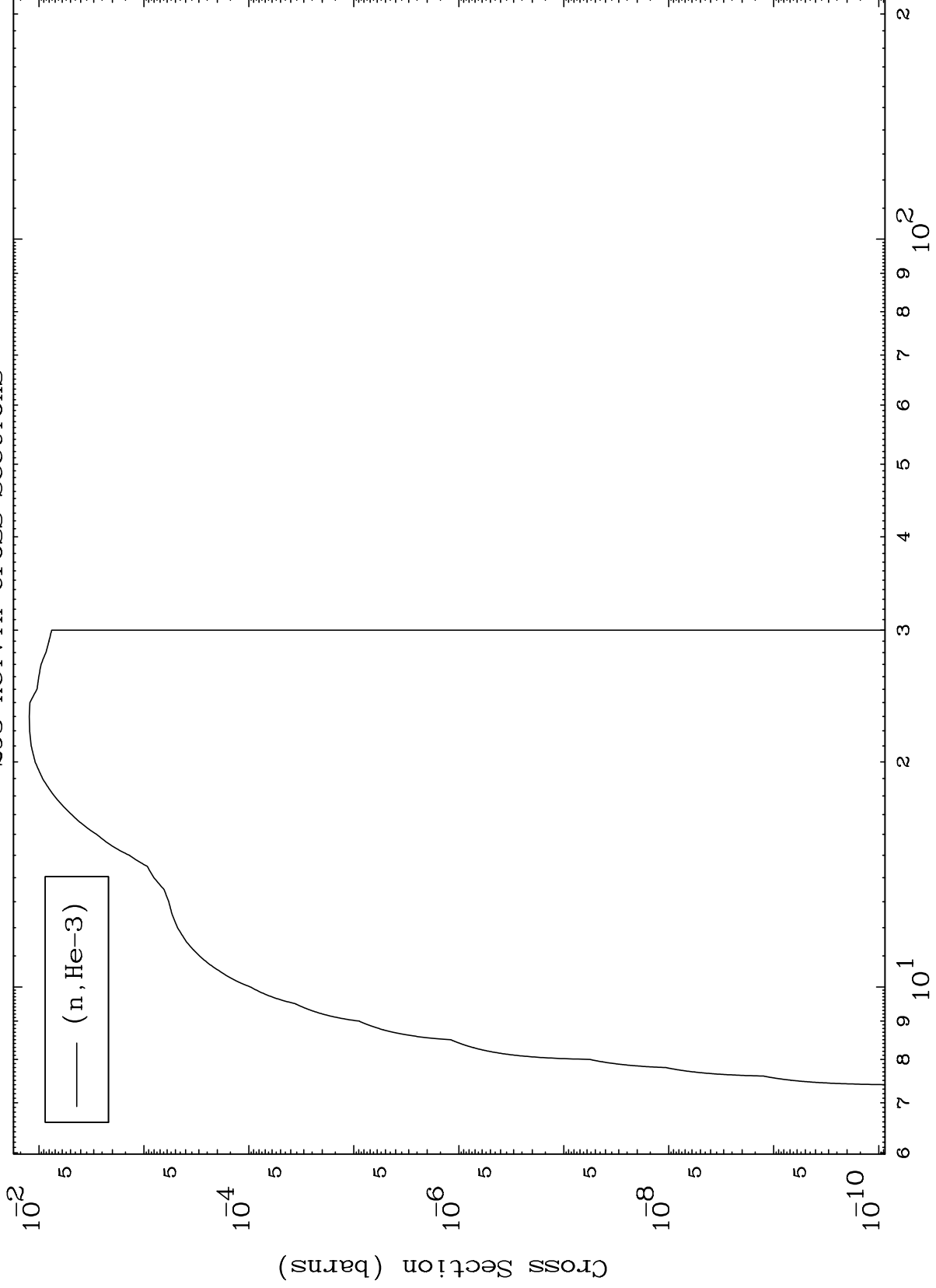
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-27



11

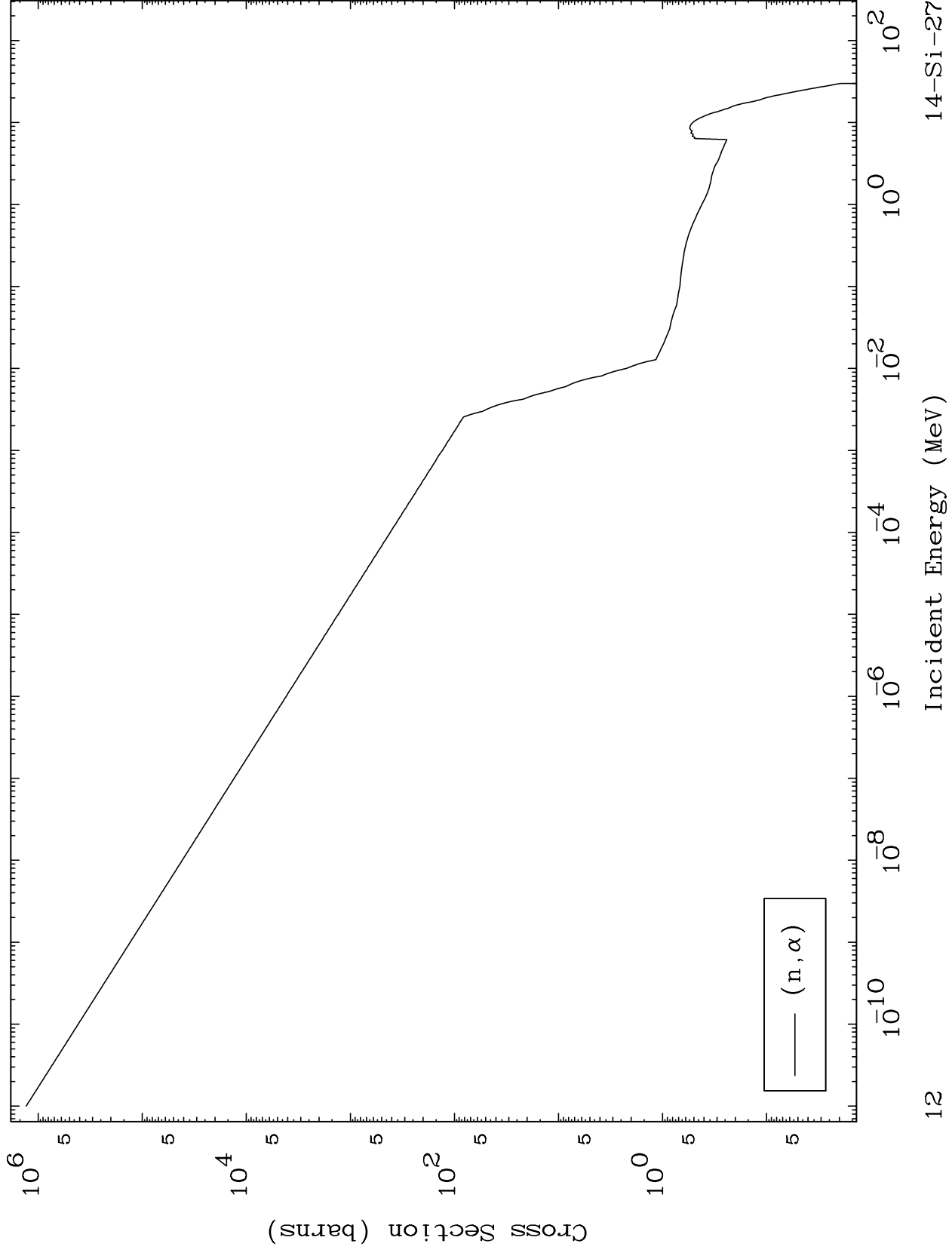
Incident Energy (MeV)

14-Si-27

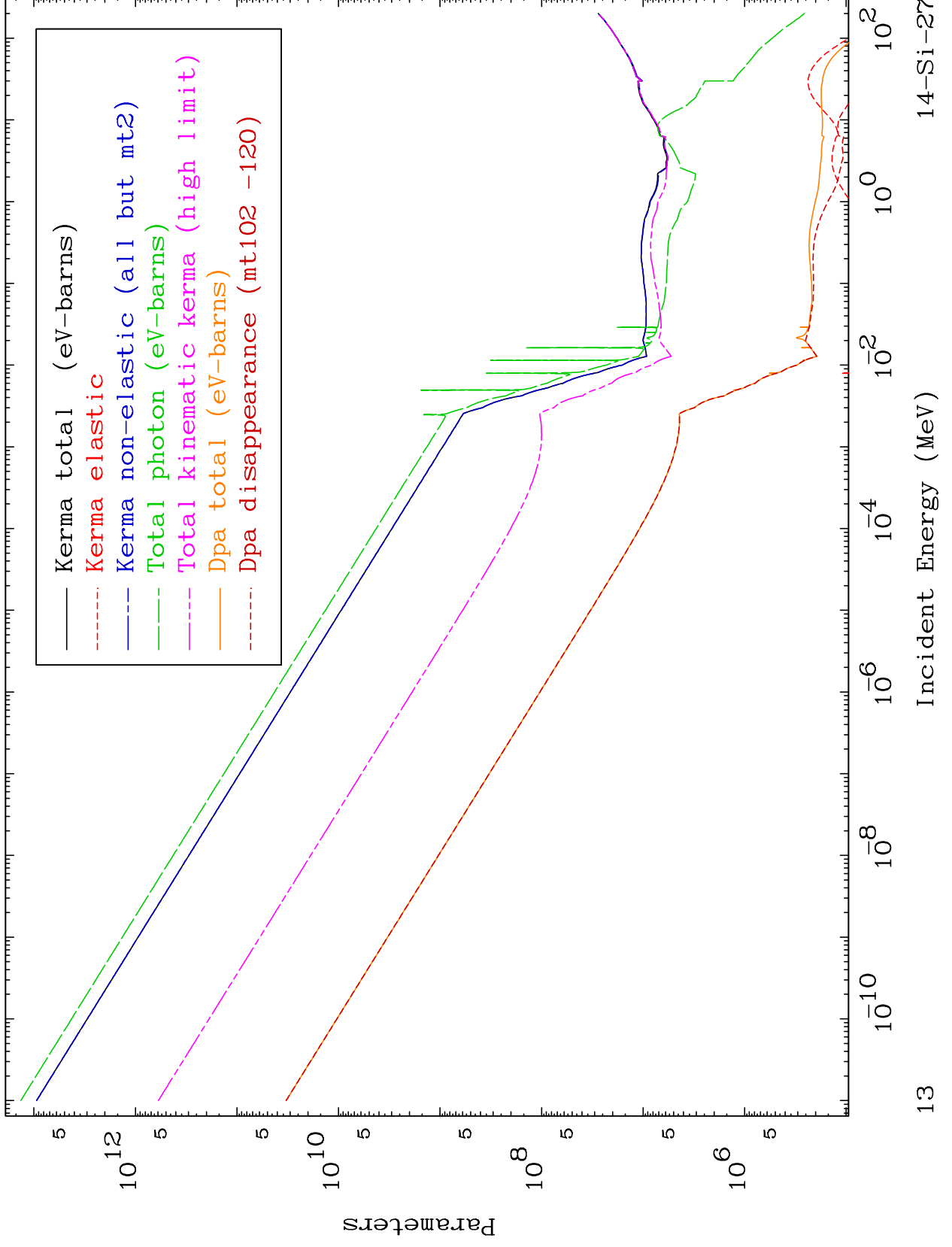
MAT 1422

(n,α) Levels
293 Kelvin Cross Sections

14-Si-27



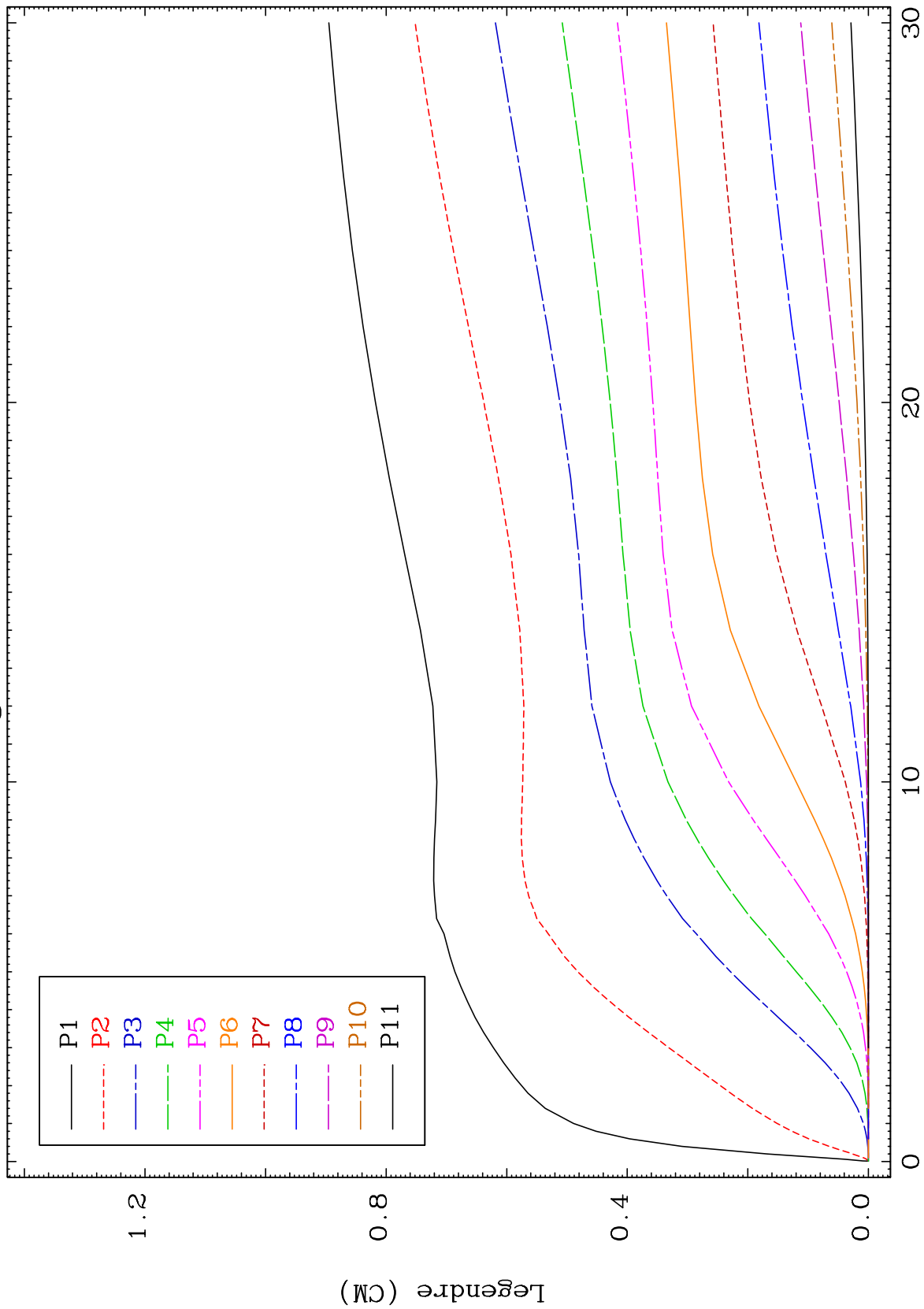
12



MAT 1422

Elastic Legendre Coefficients

14-Si-27



14

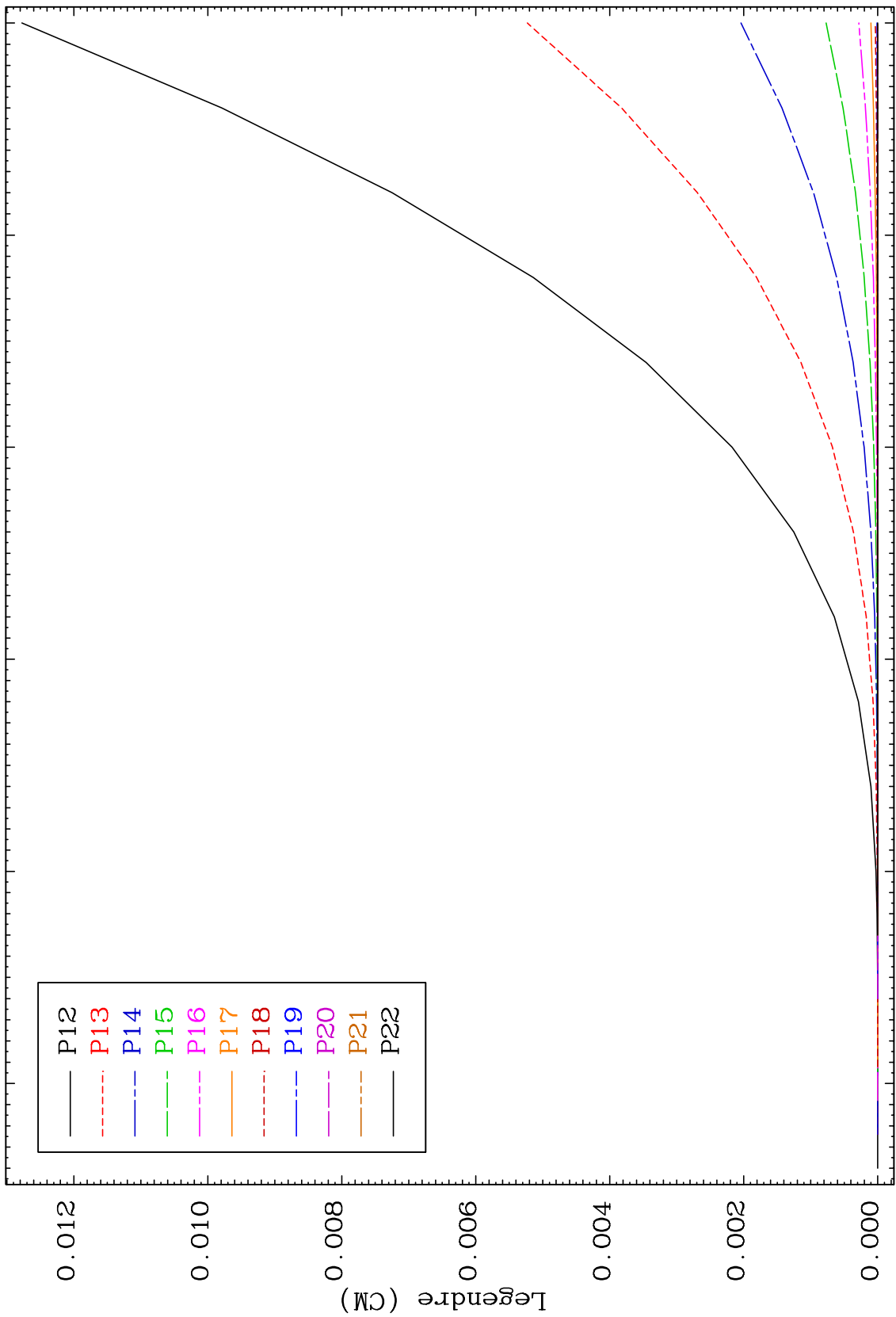
Incident Energy (MeV)

14-Si-27

MAT 1422

Elastic Legendre Coefficients

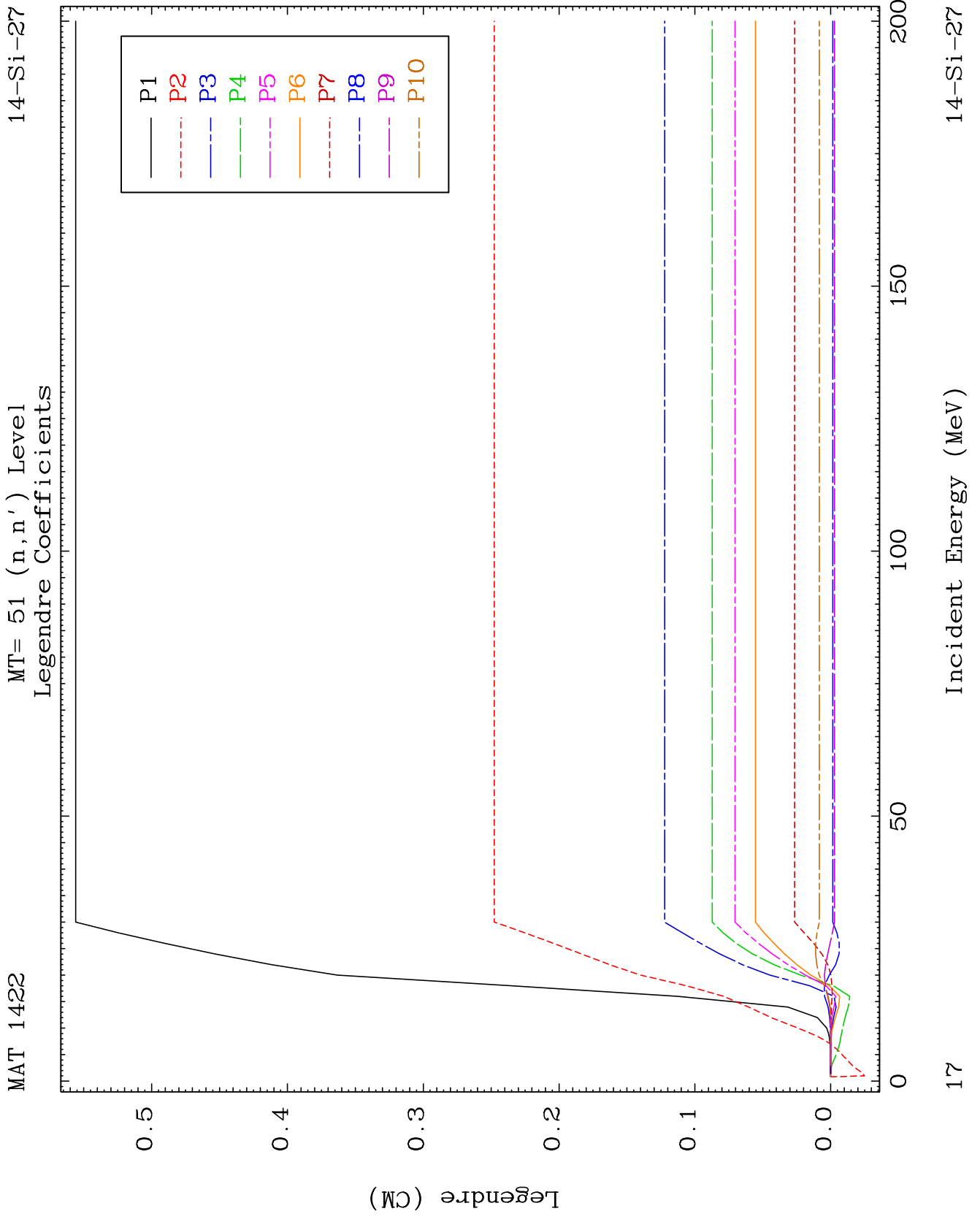
14-Si-27



15

Incident Energy (MeV)

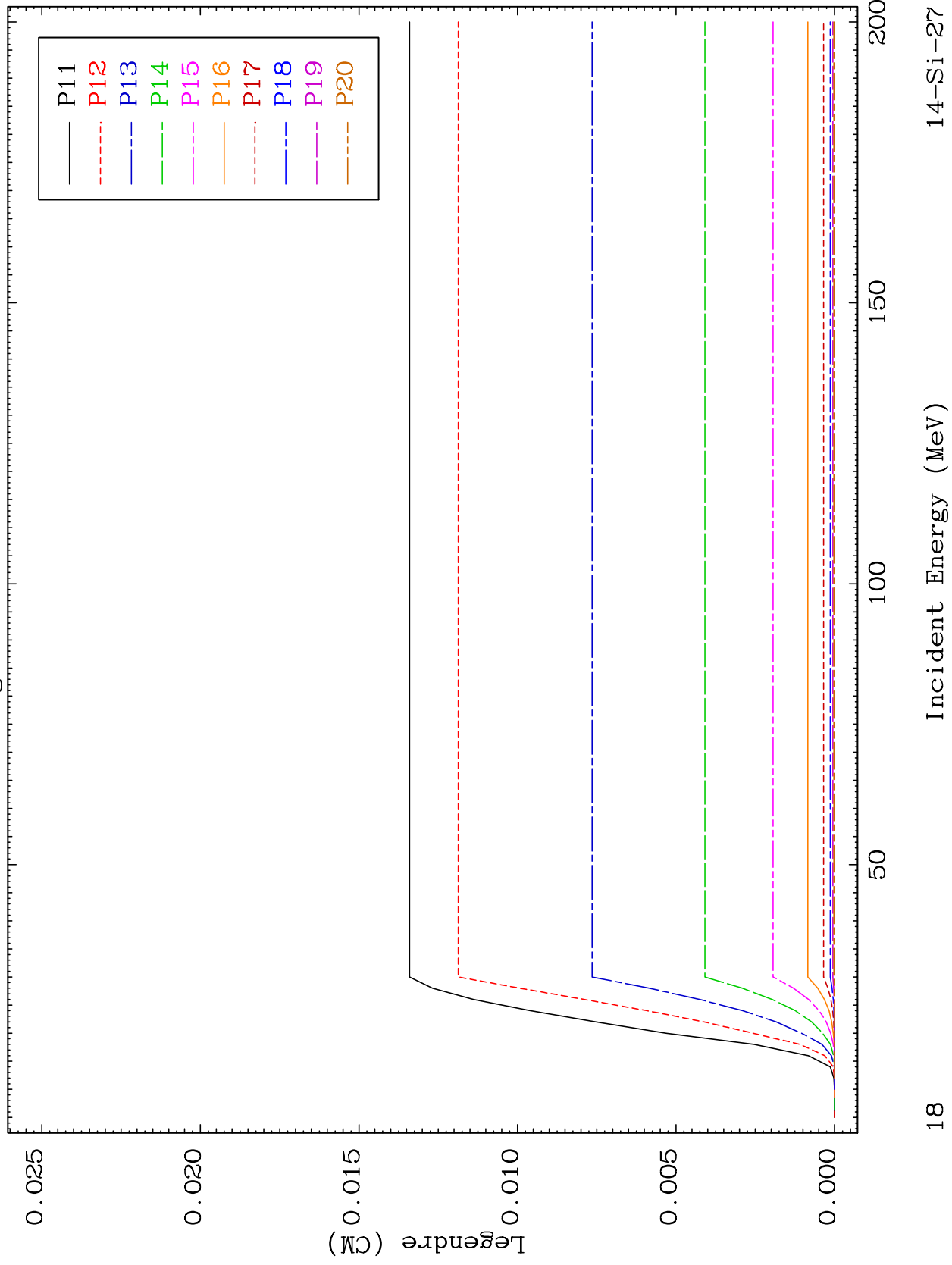
14-Si-27



MAT 1422

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

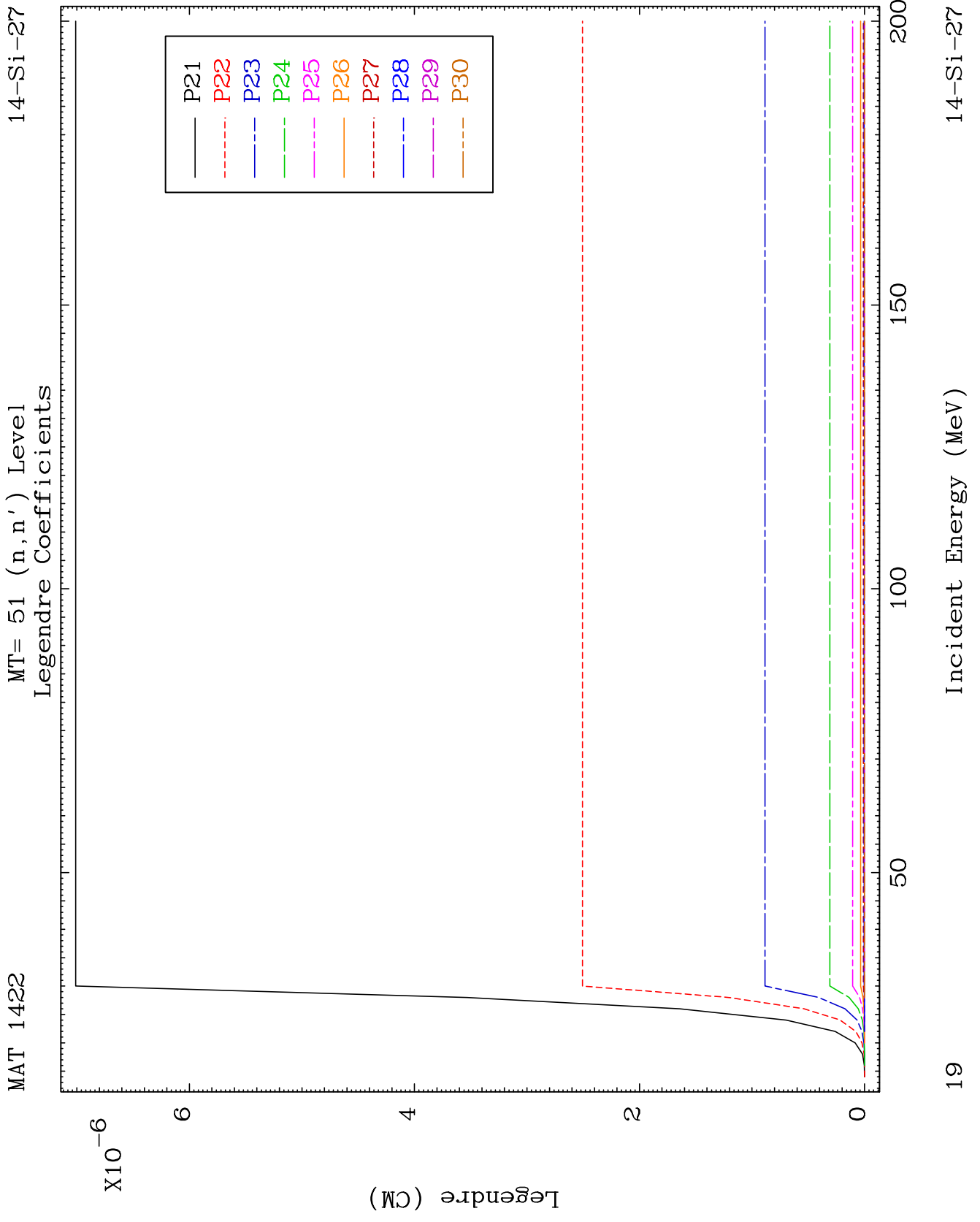
14-Si-27

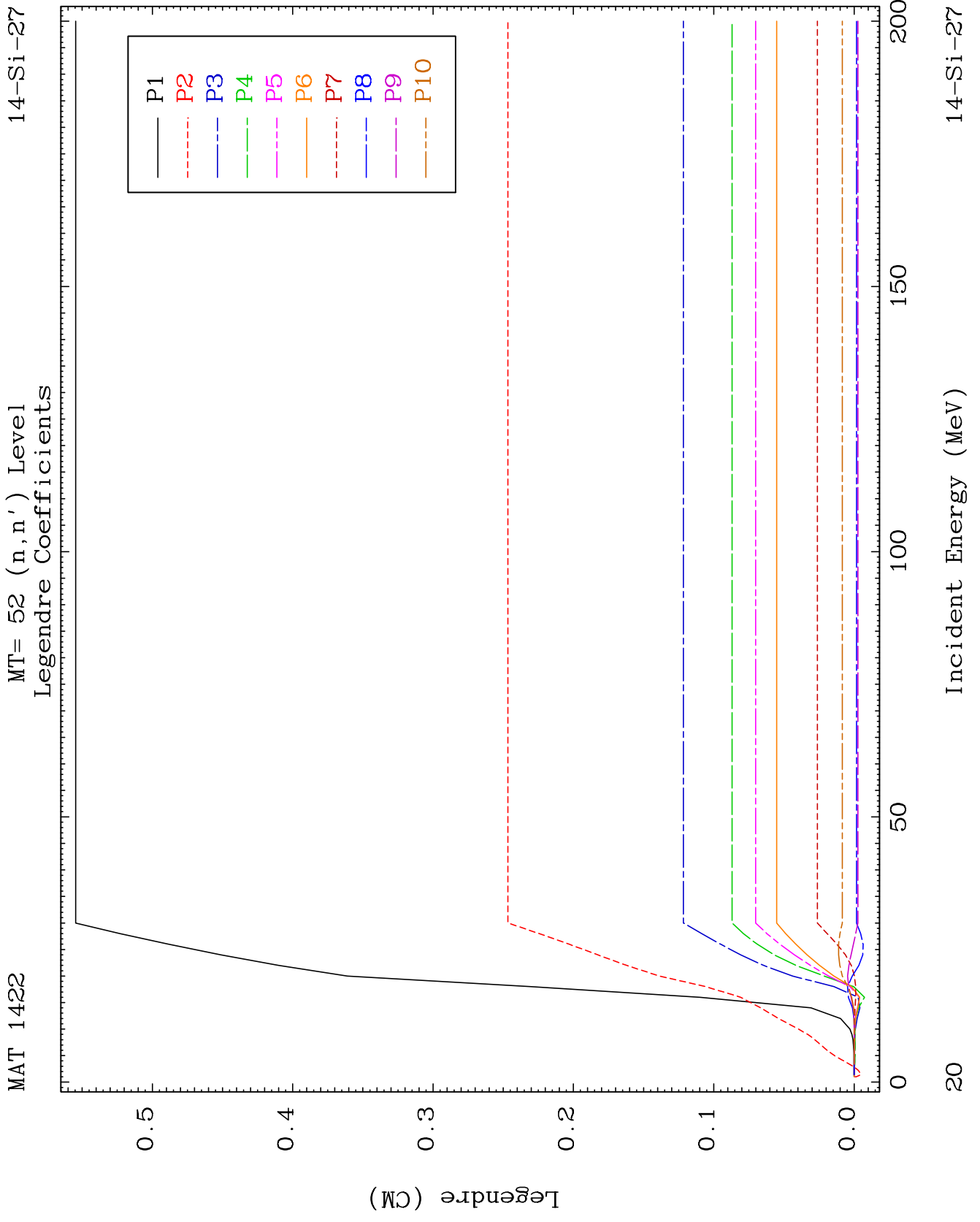


18

Incident Energy (MeV)

14-Si-27

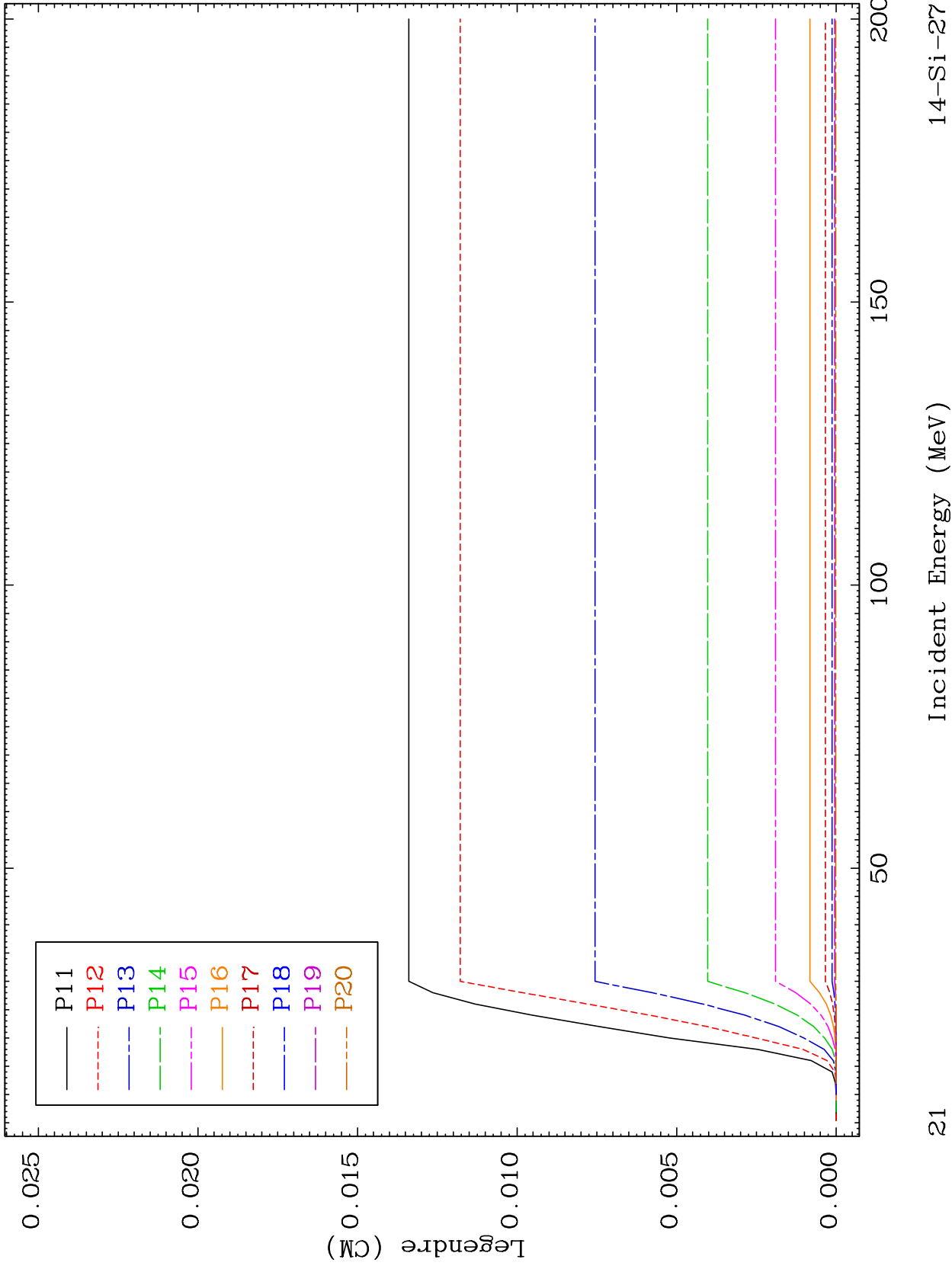


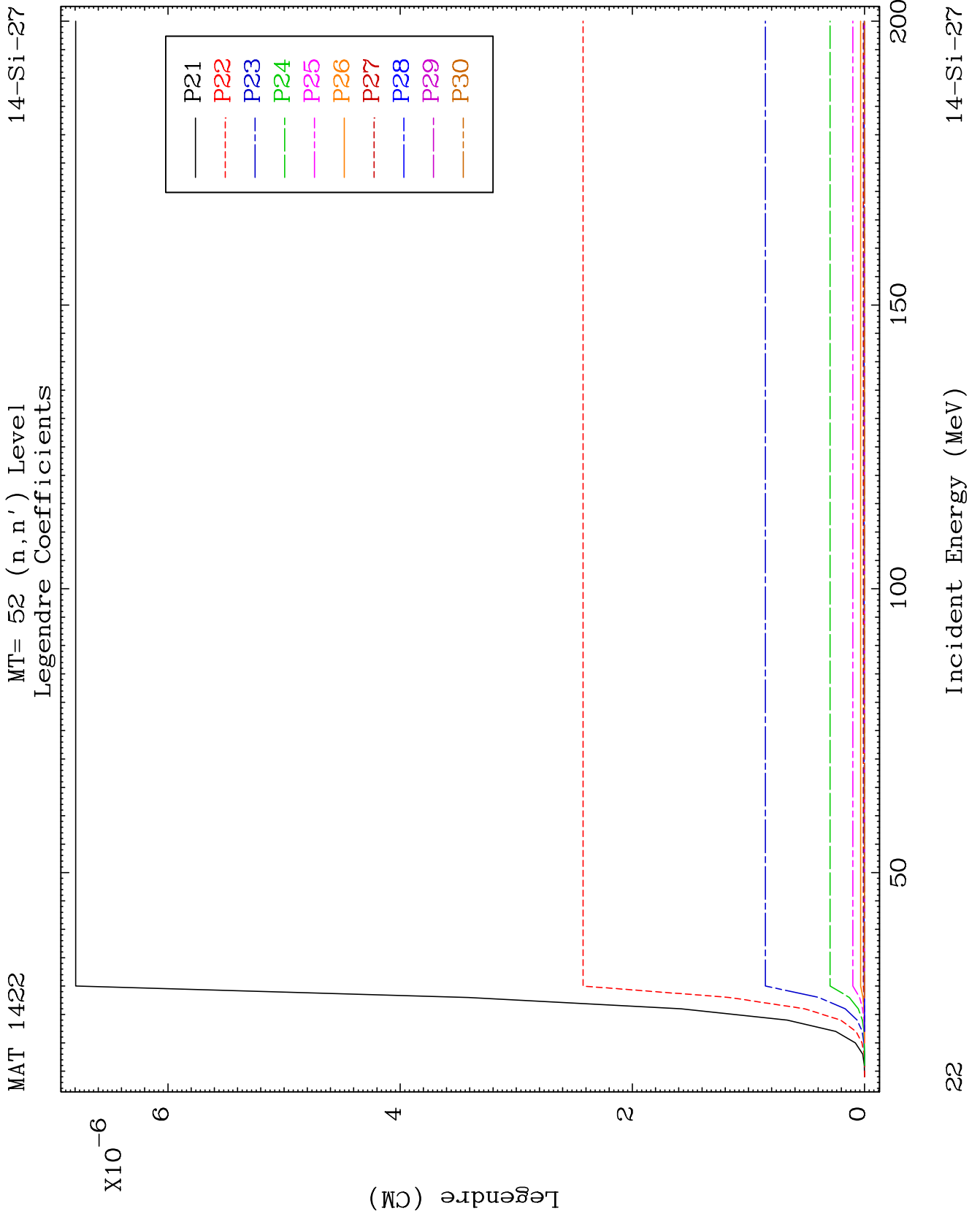


MAT 1422

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

14-Si-27

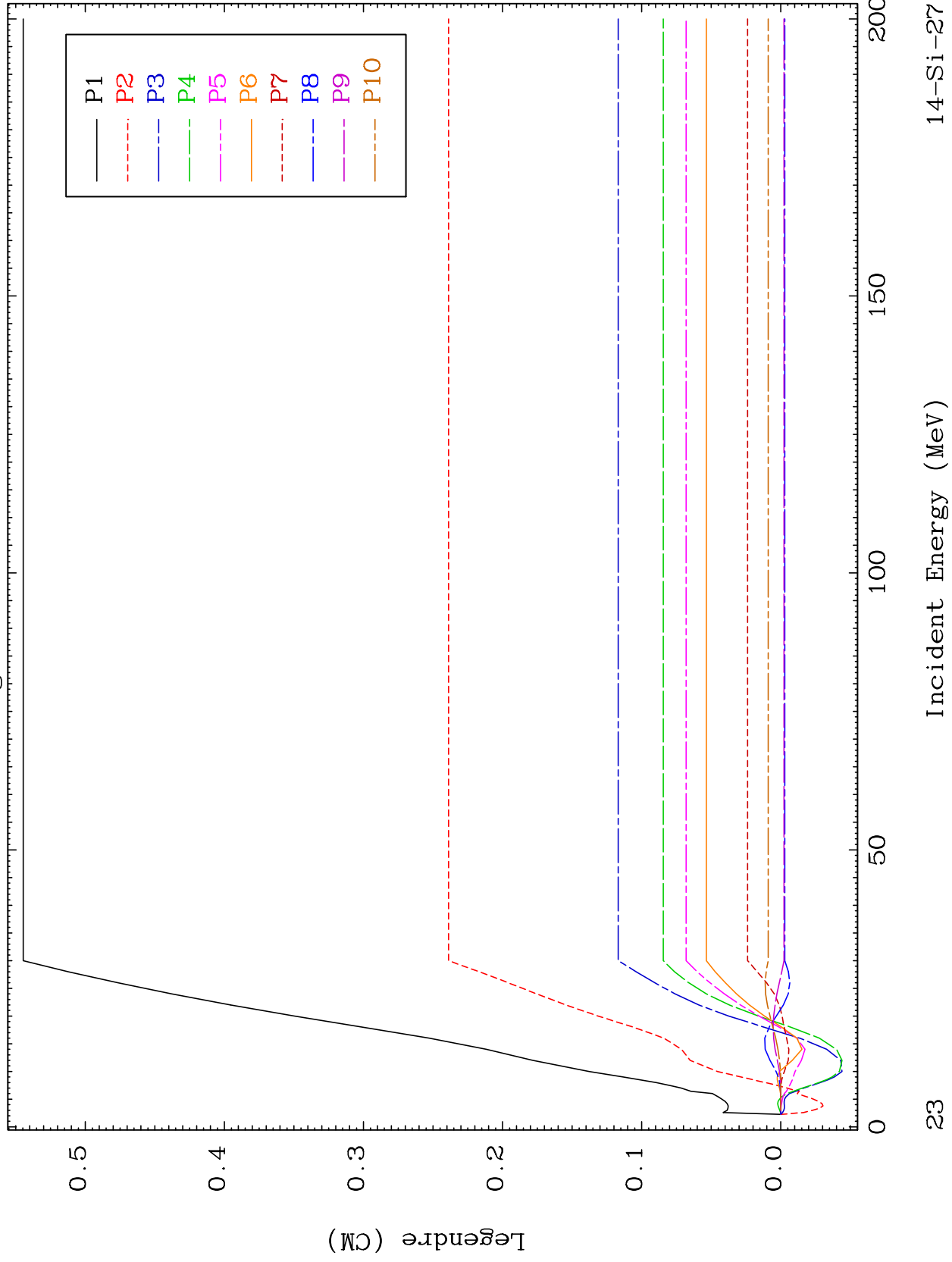




MAT 1422

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

14-Si-27



23

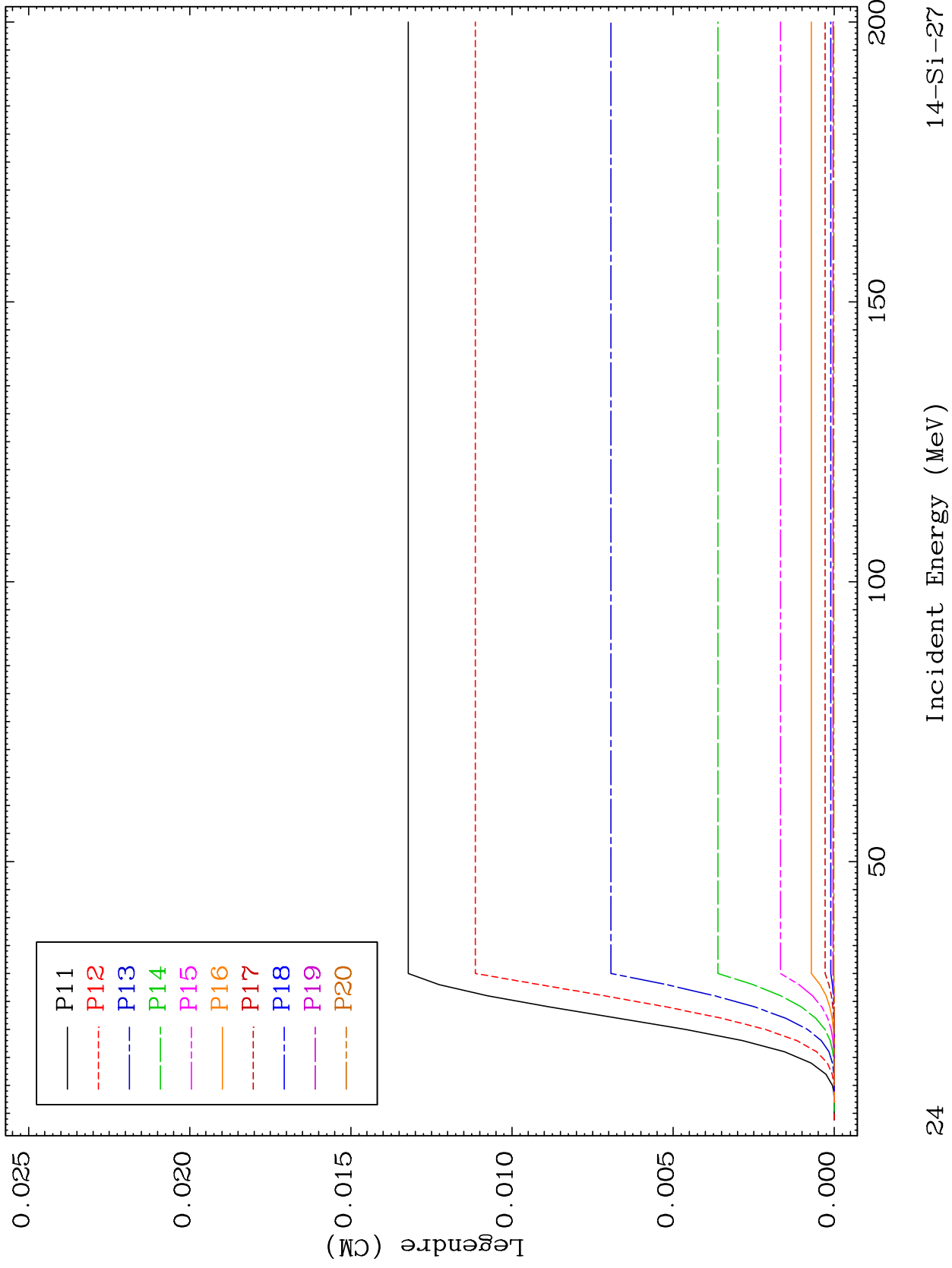
Incident Energy (MeV)

14-Si-27

MAT 1422

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

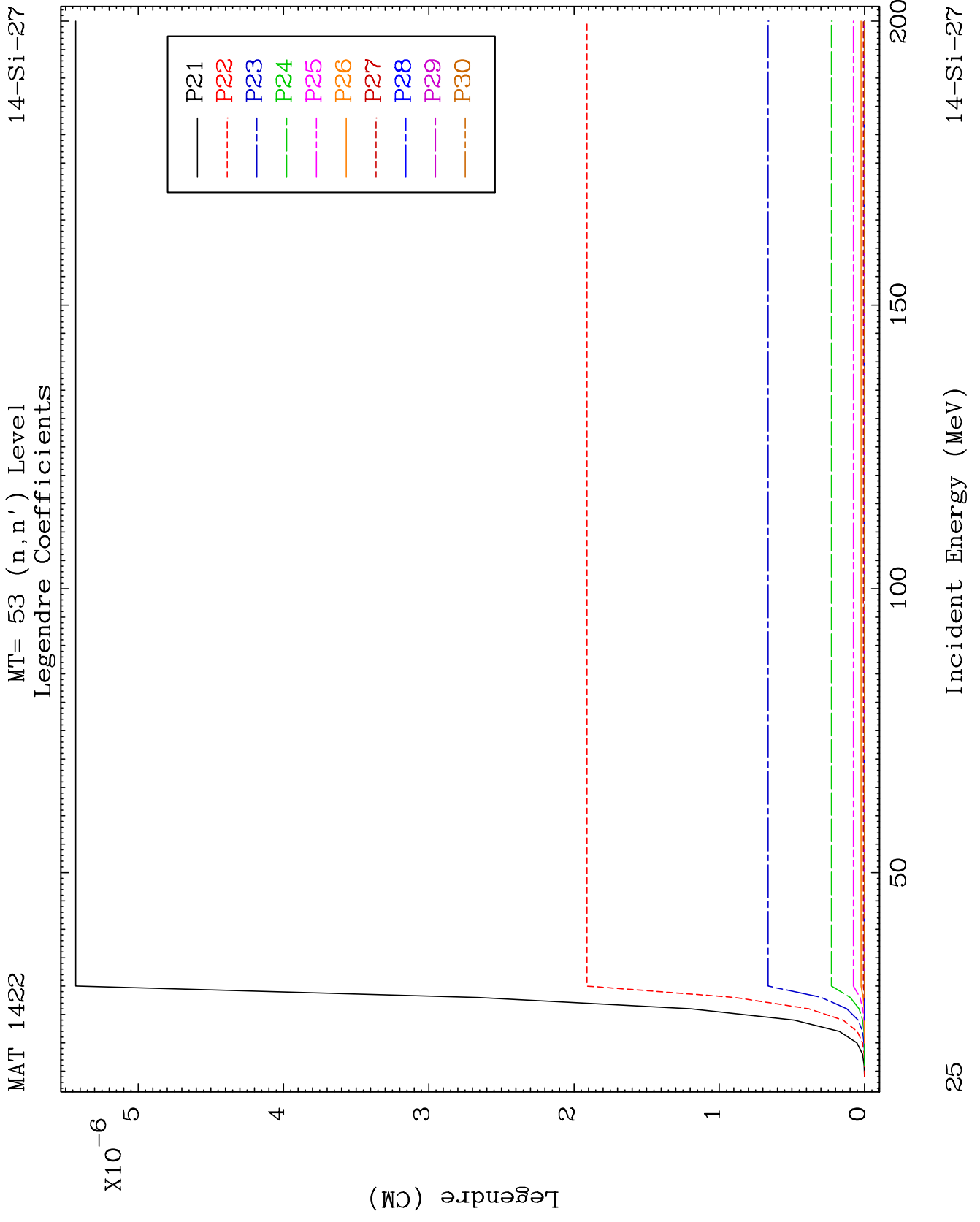
14-Si-27



24

Incident Energy (MeV)

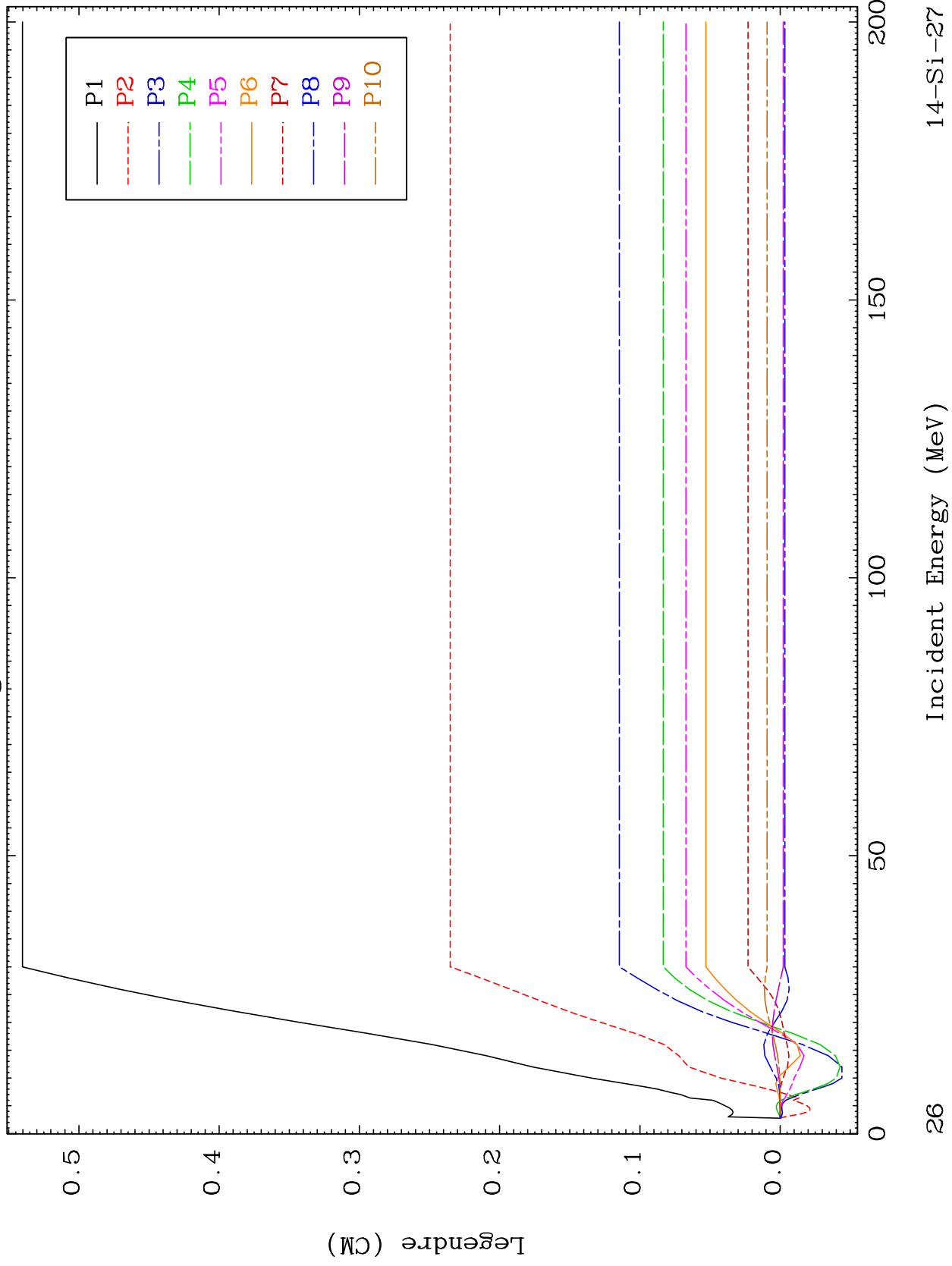
14-Si-27



MAT 1422

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

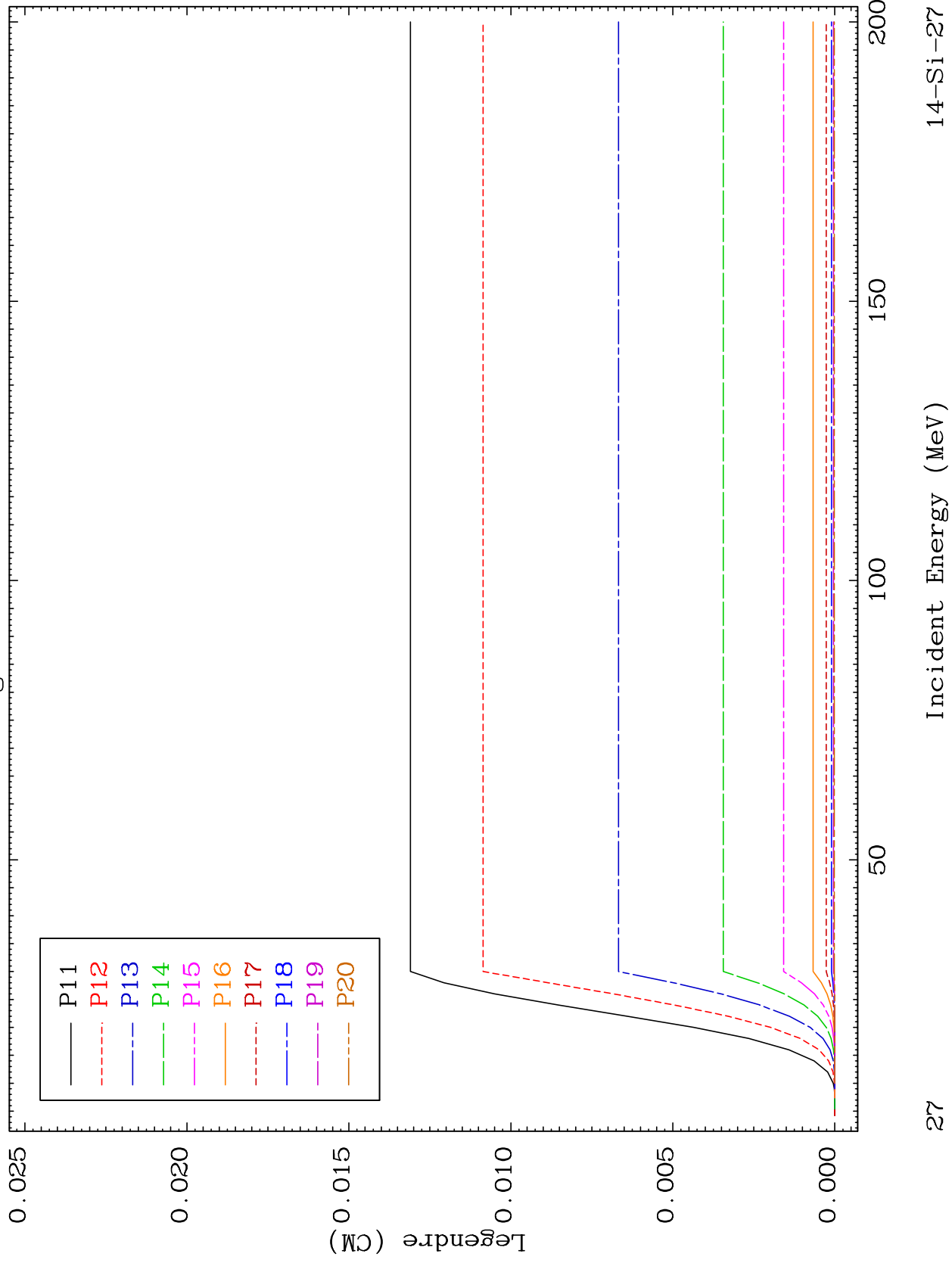
14-Si-27

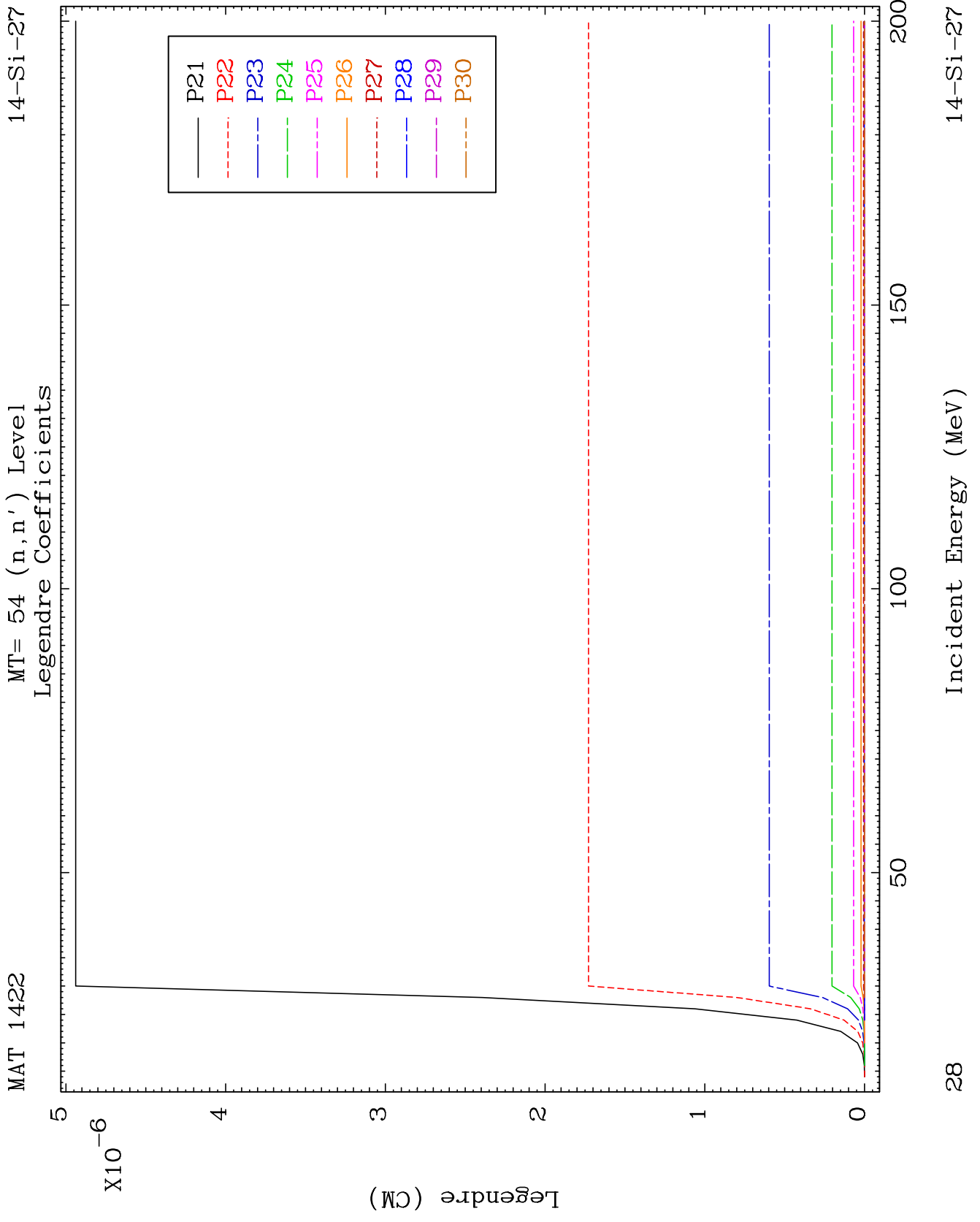


26

Incident Energy (MeV)

14-Si-27

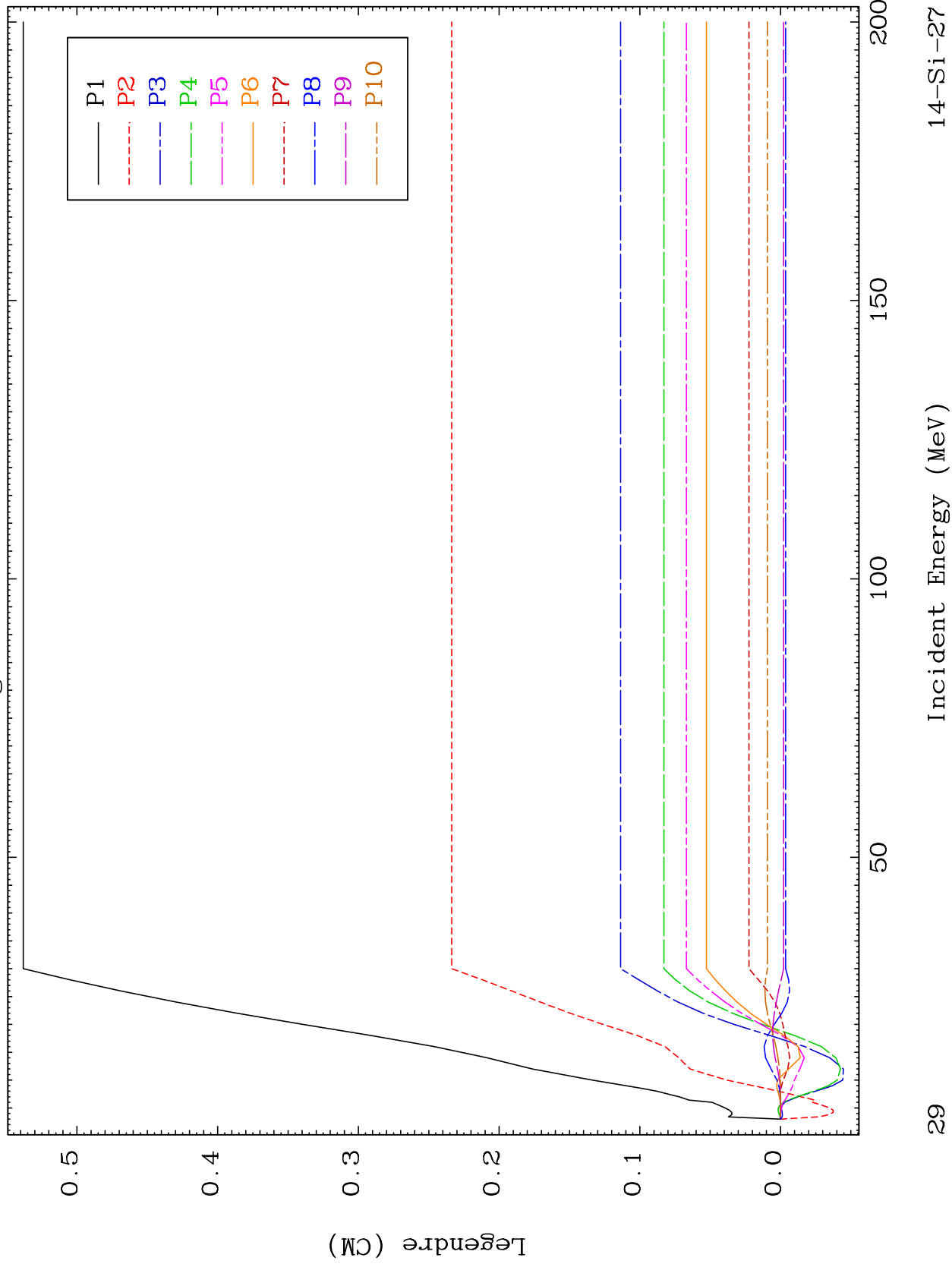




MAT 1422

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

14-Si-27



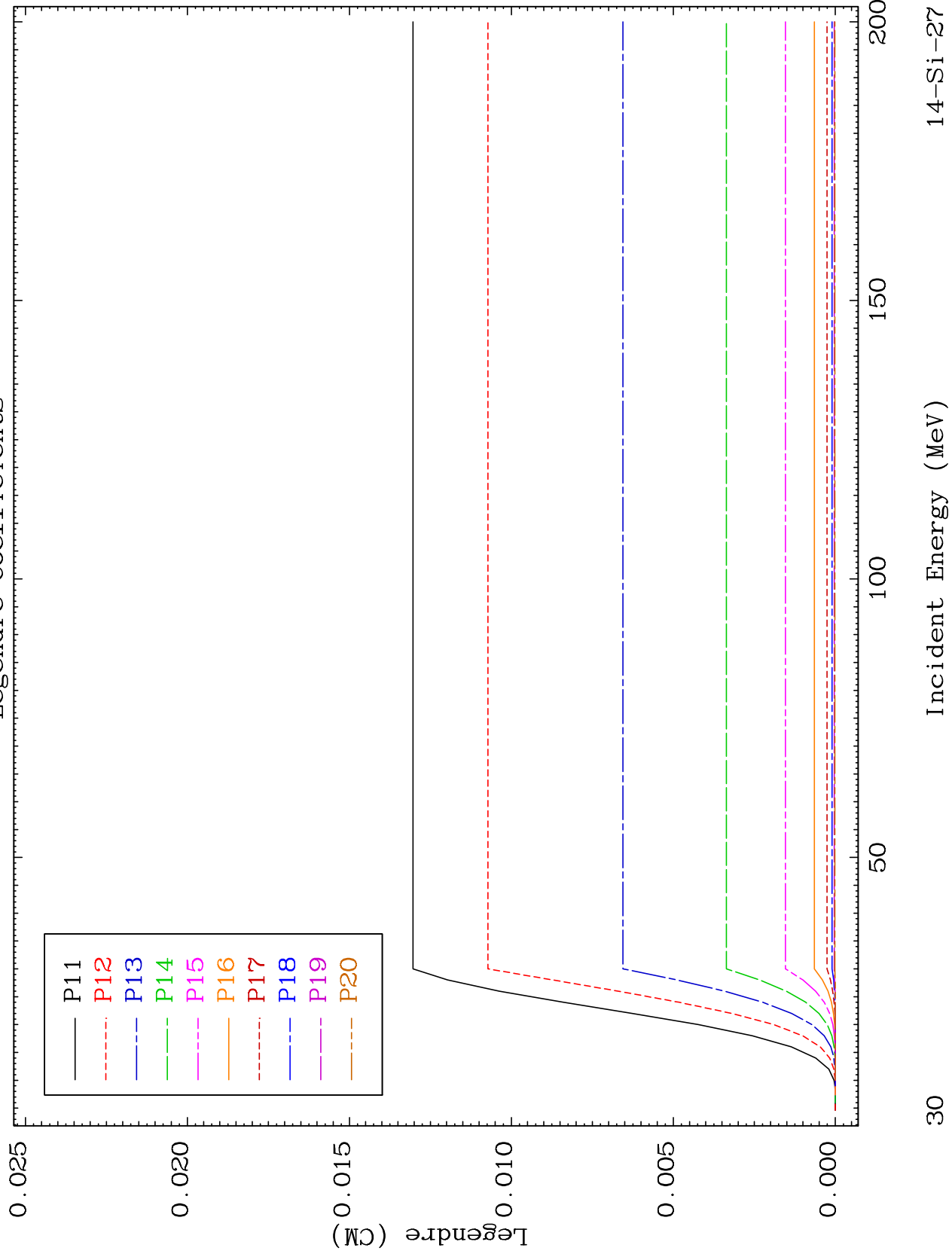
29

14-Si-27

MAT 1422

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

14-Si-27



30

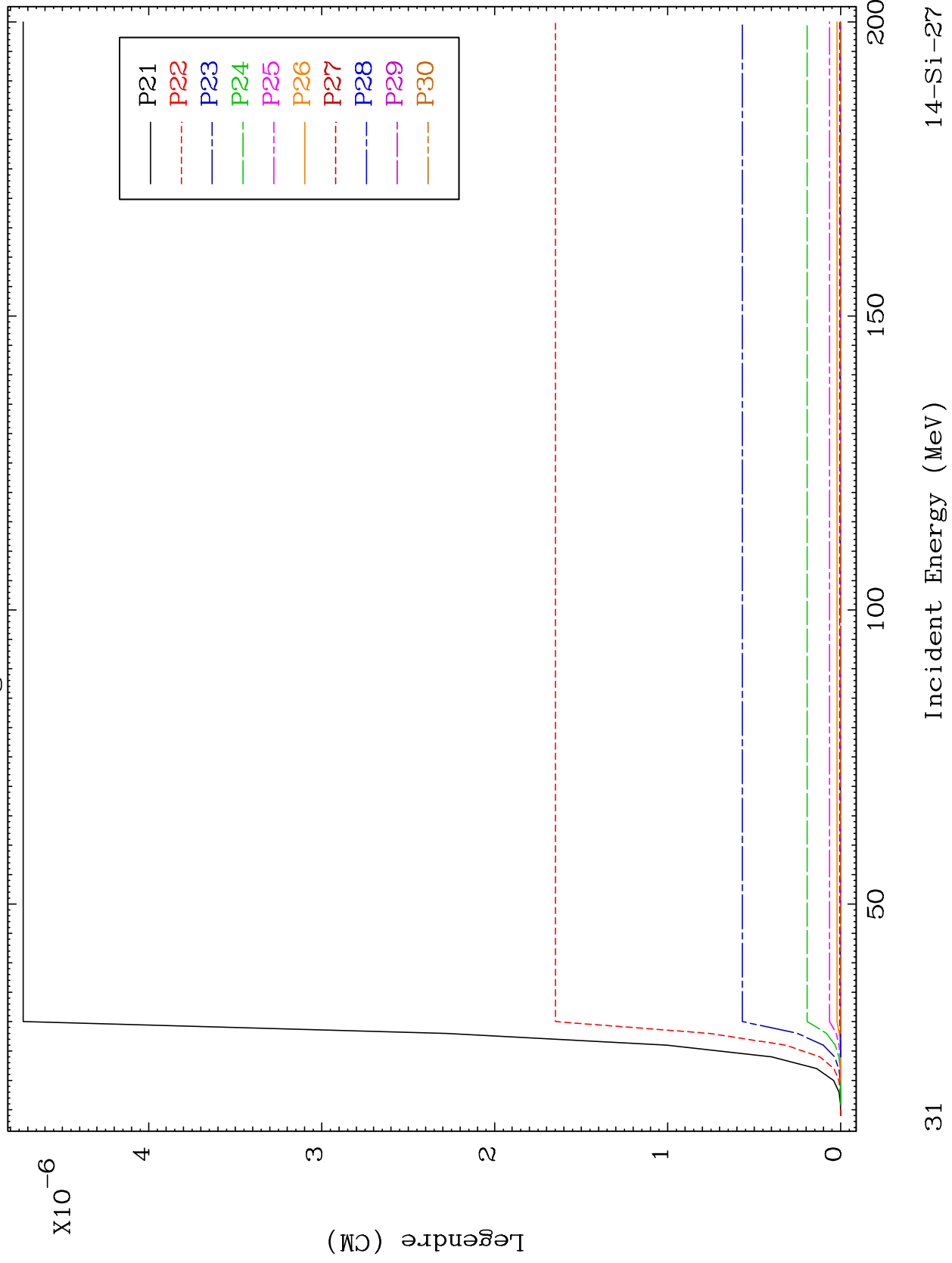
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



31

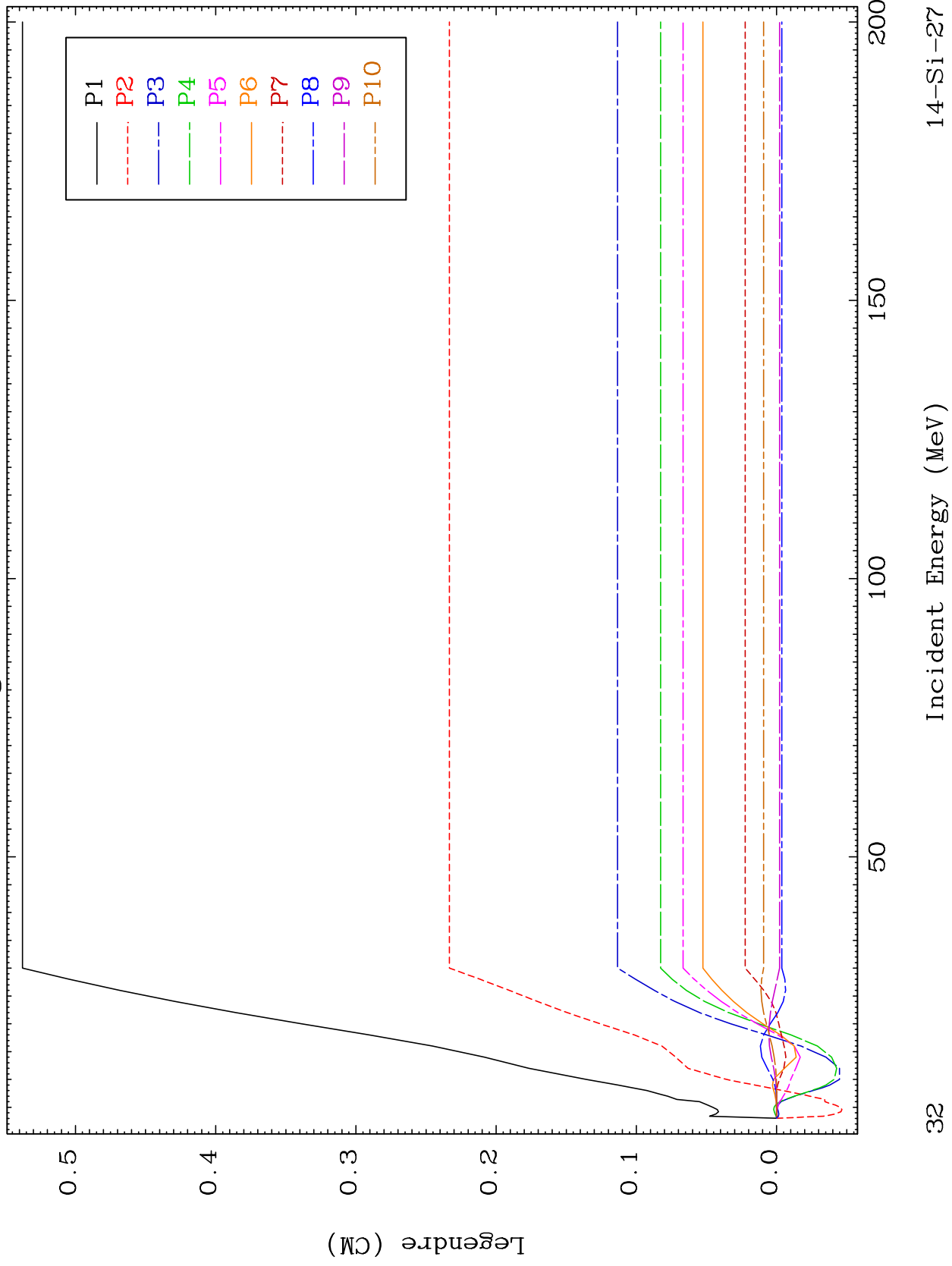
Incident Energy (MeV)

14-Si-27

MAT 1422

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

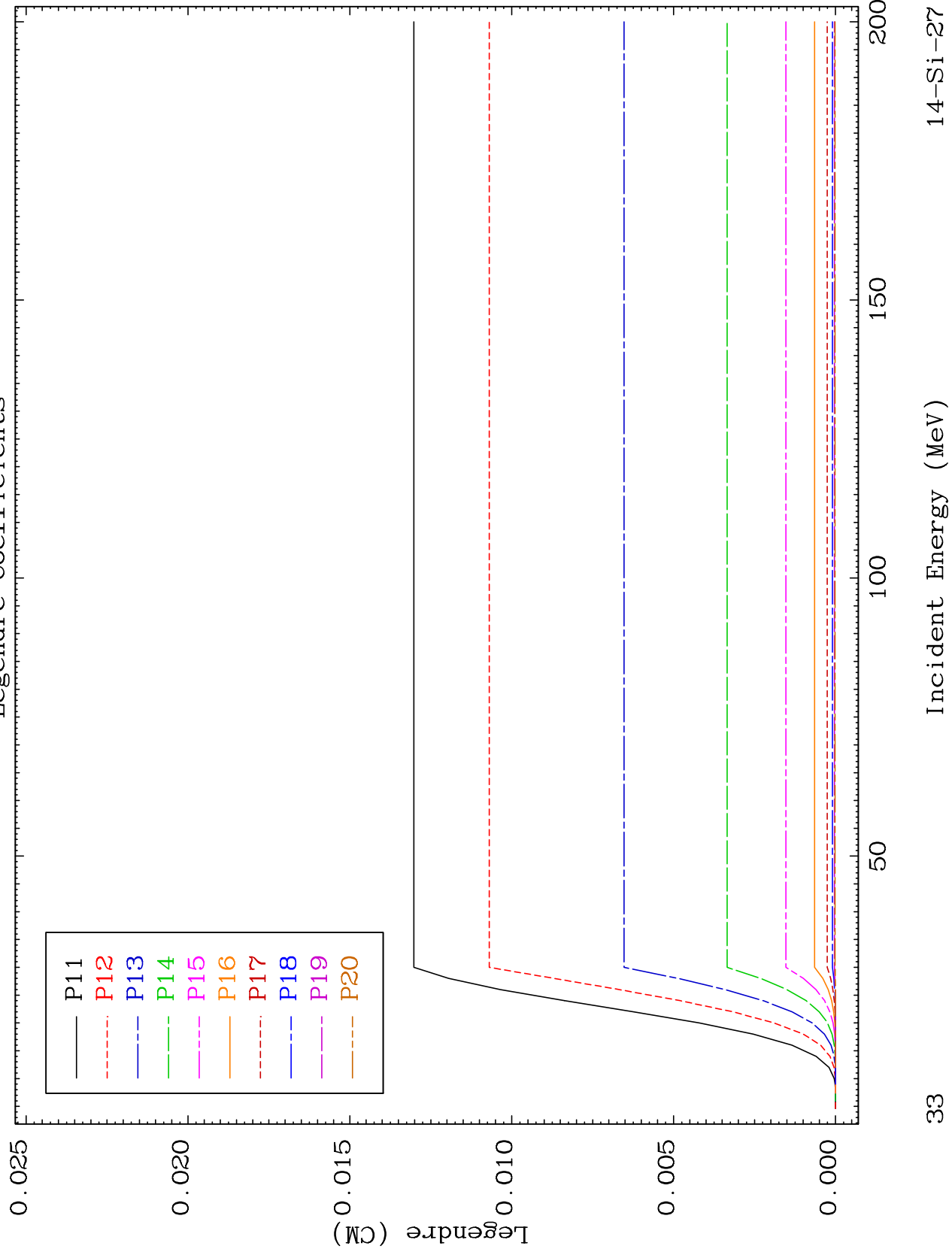
14-Si-27



32

Incident Energy (MeV)

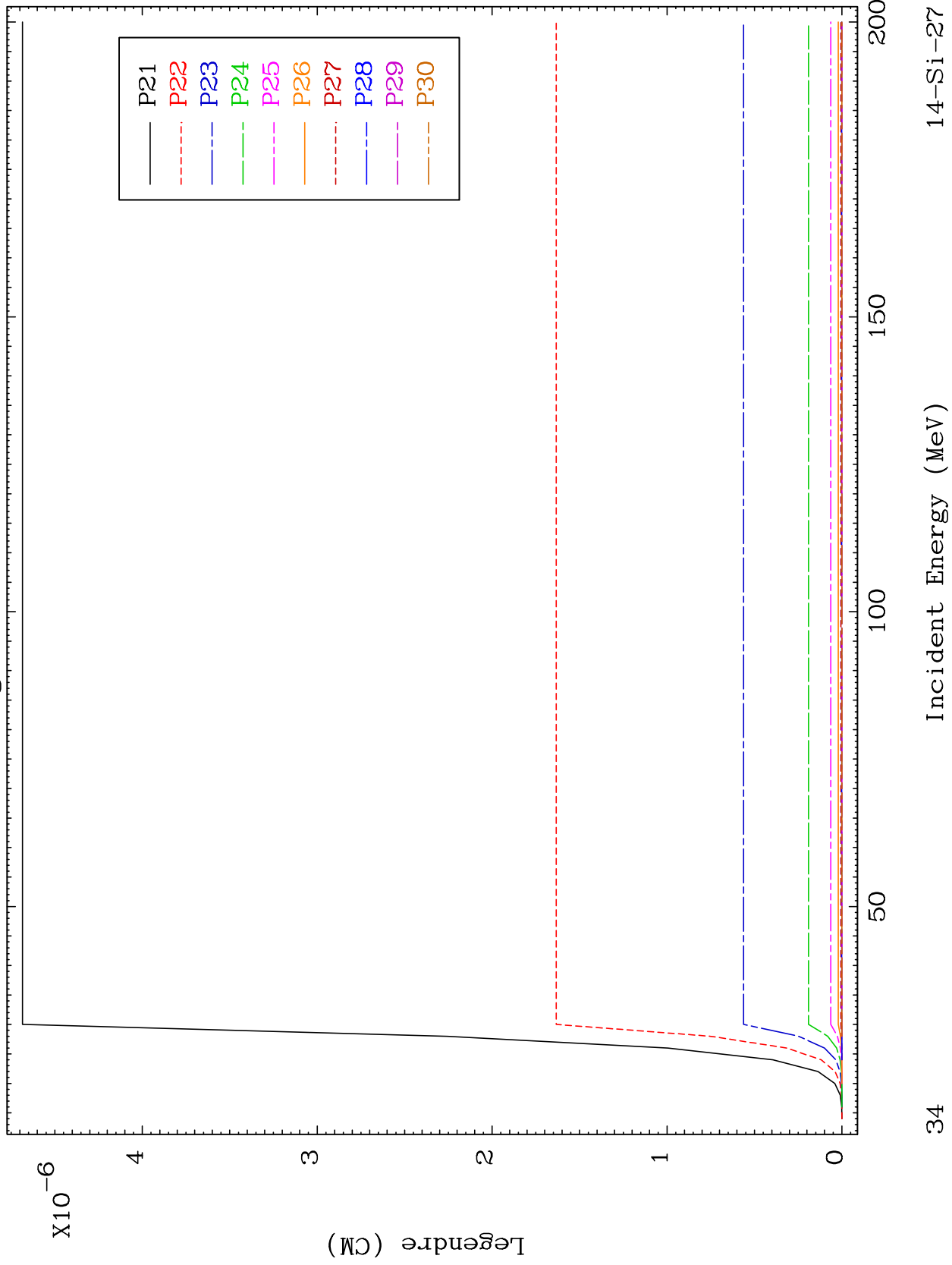
14-Si-27



MAT 1422

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

¹⁴Si-27



34

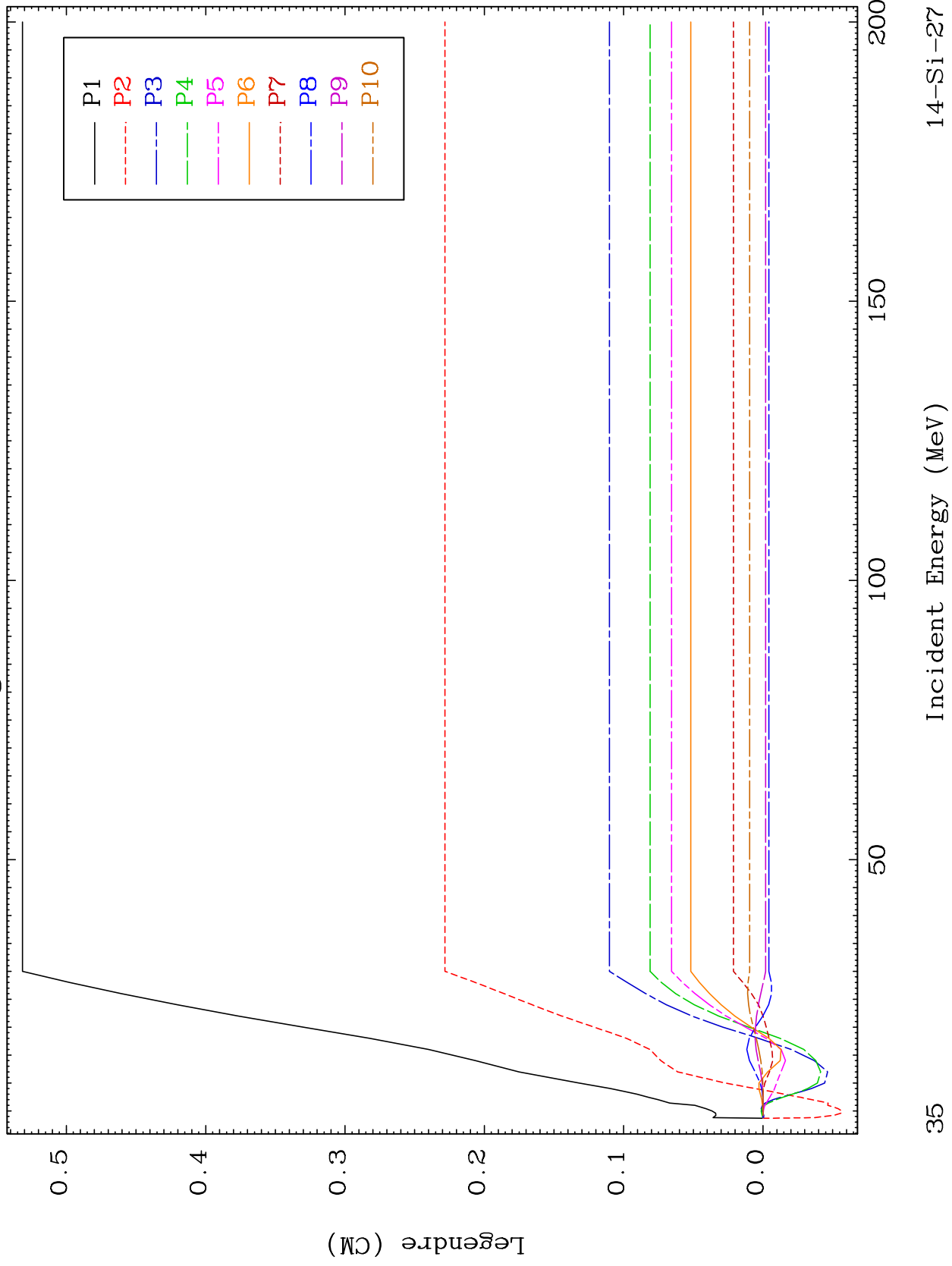
Incident Energy (MeV)

¹⁴Si-27

MAT 1422

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

14-Si-27



14-Si-27

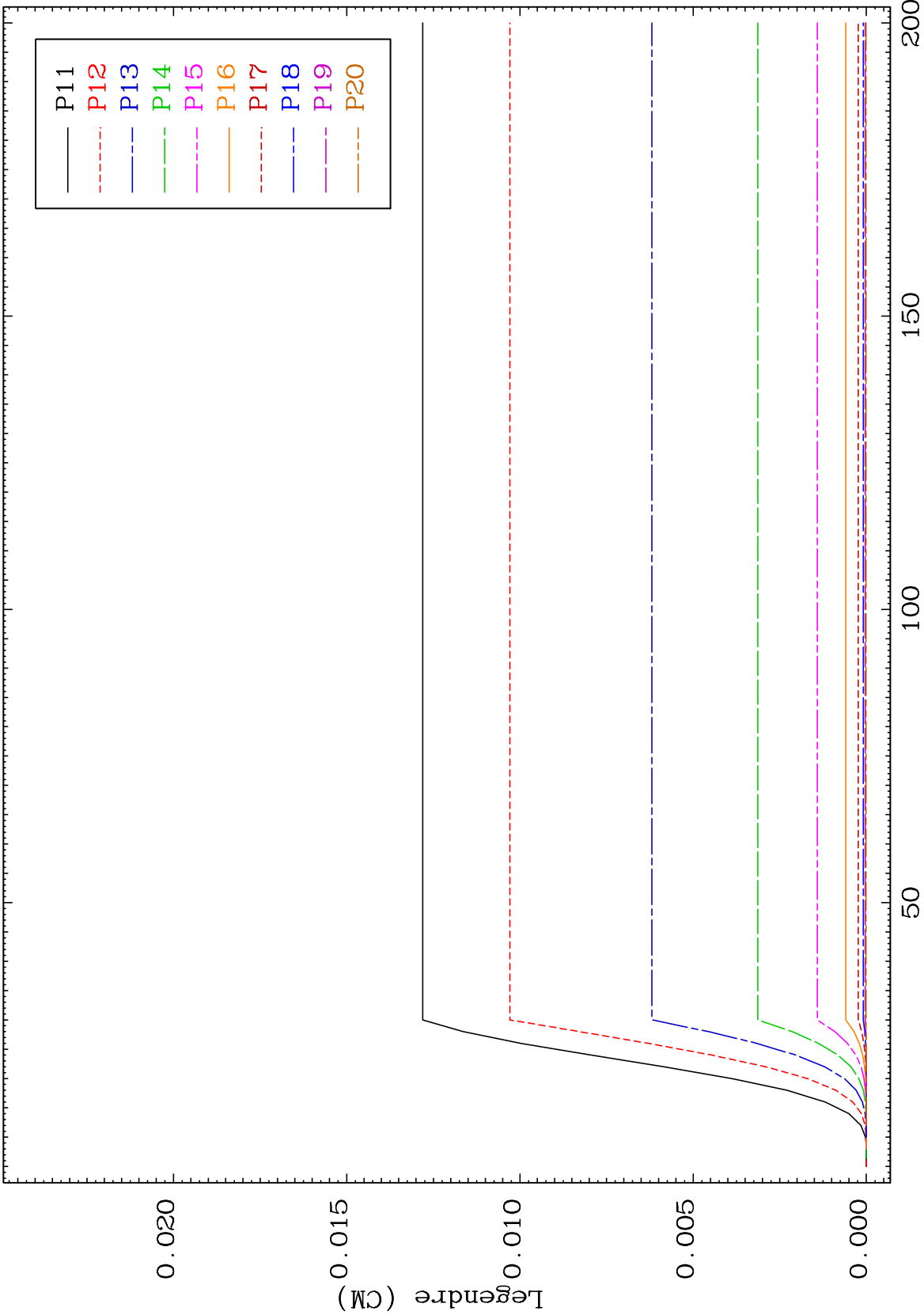
Incident Energy (MeV)

35

MAT 1422

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

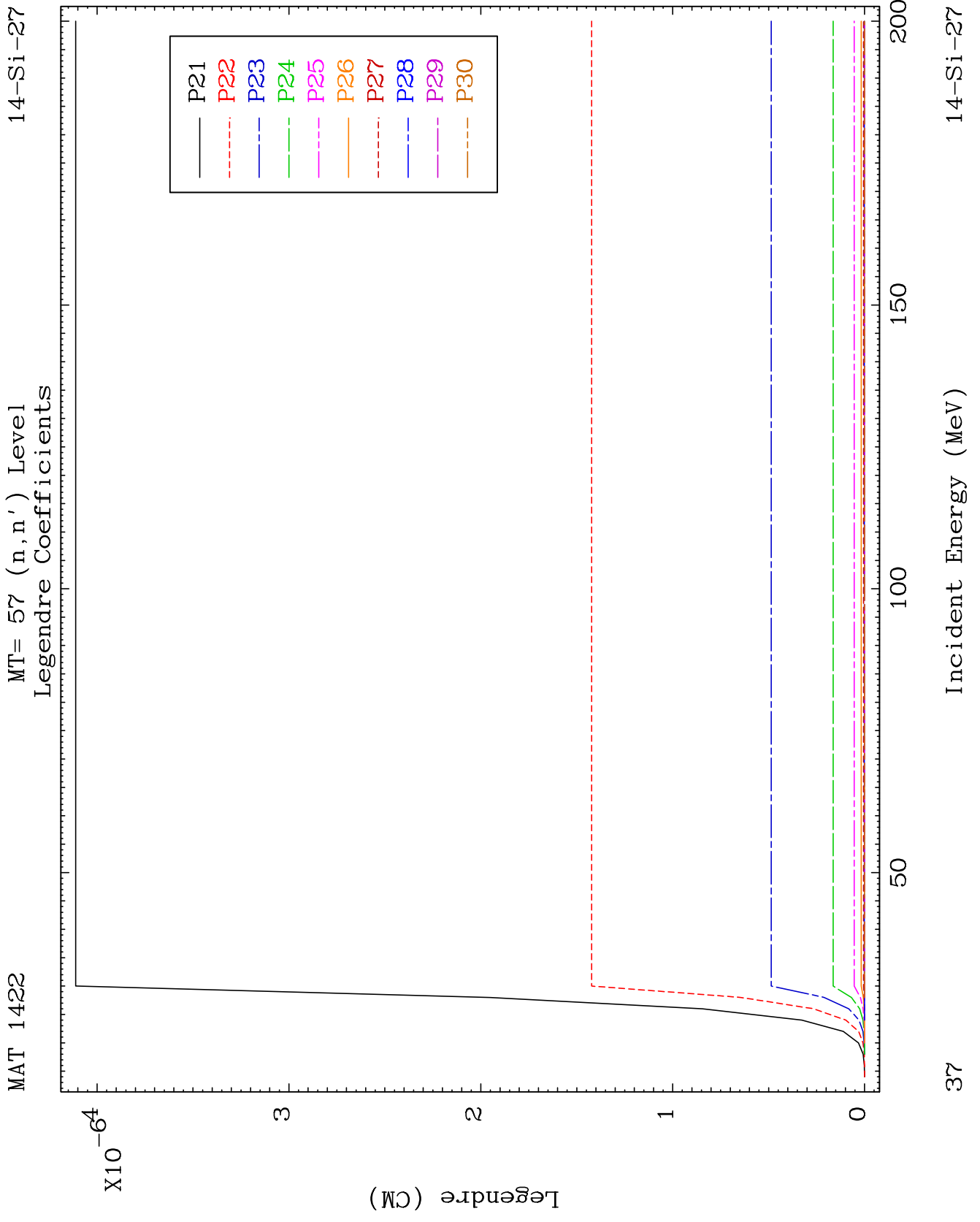
14-Si-27

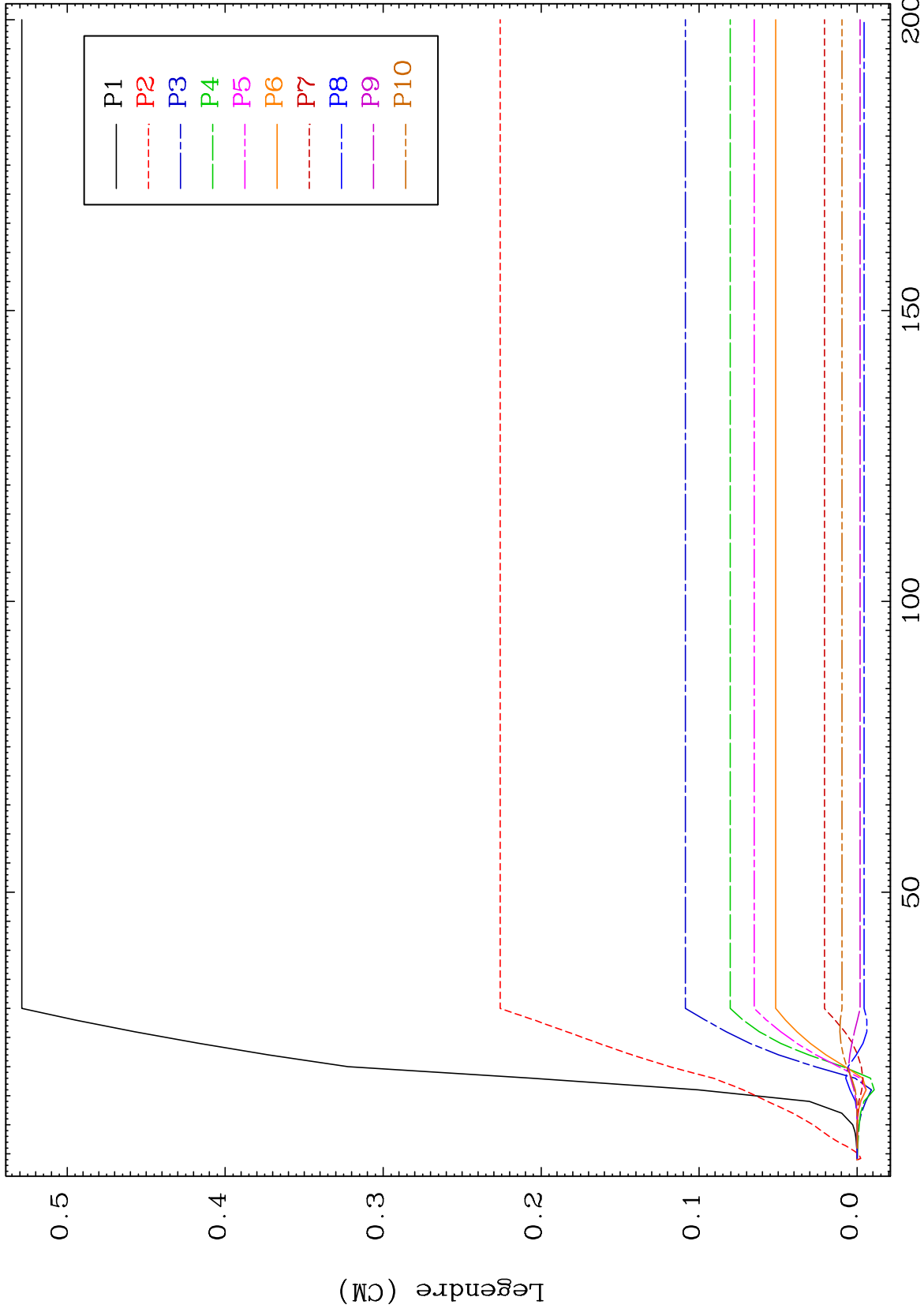


36

Incident Energy (MeV)

14-Si-27

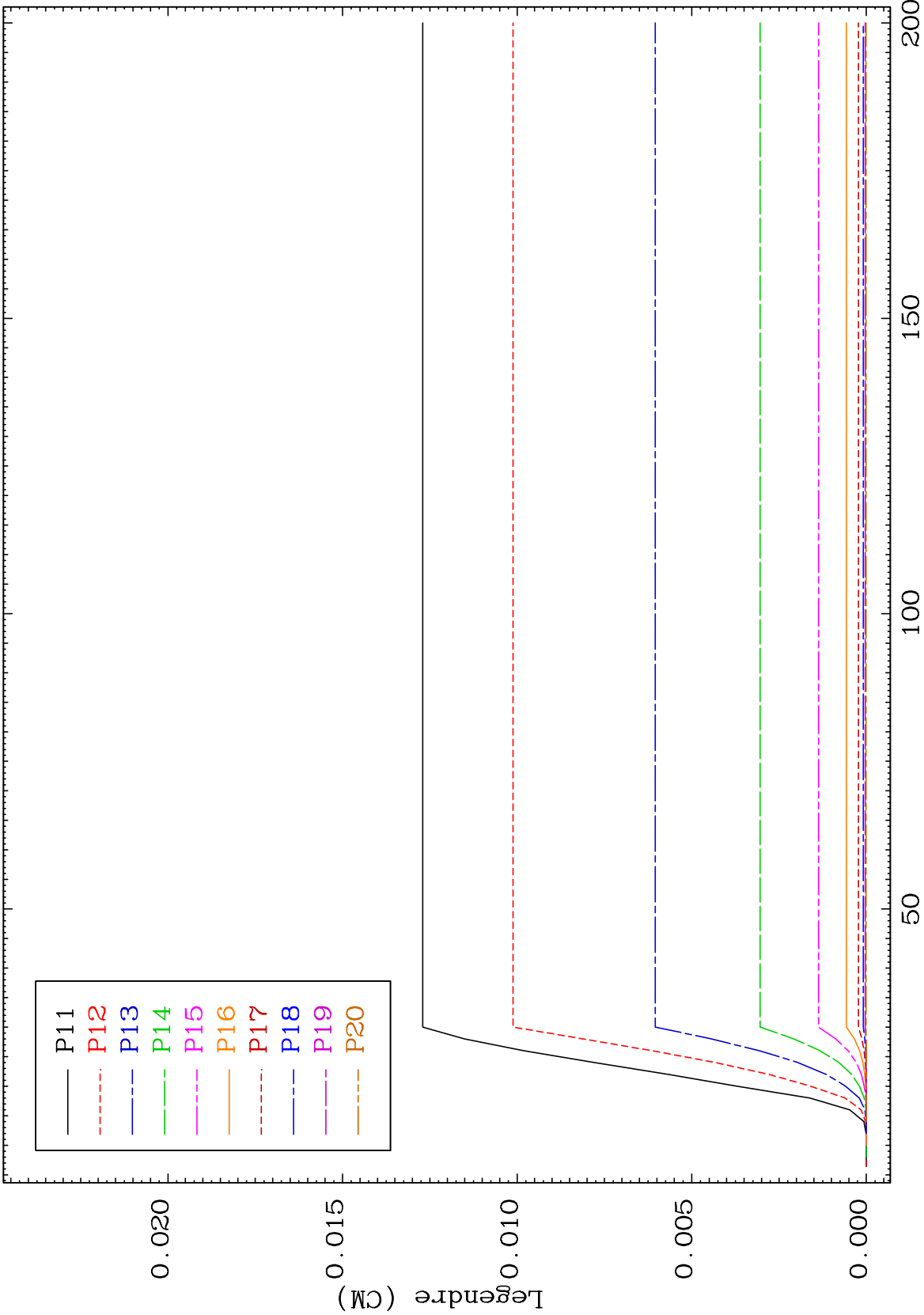




MAT 1422

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

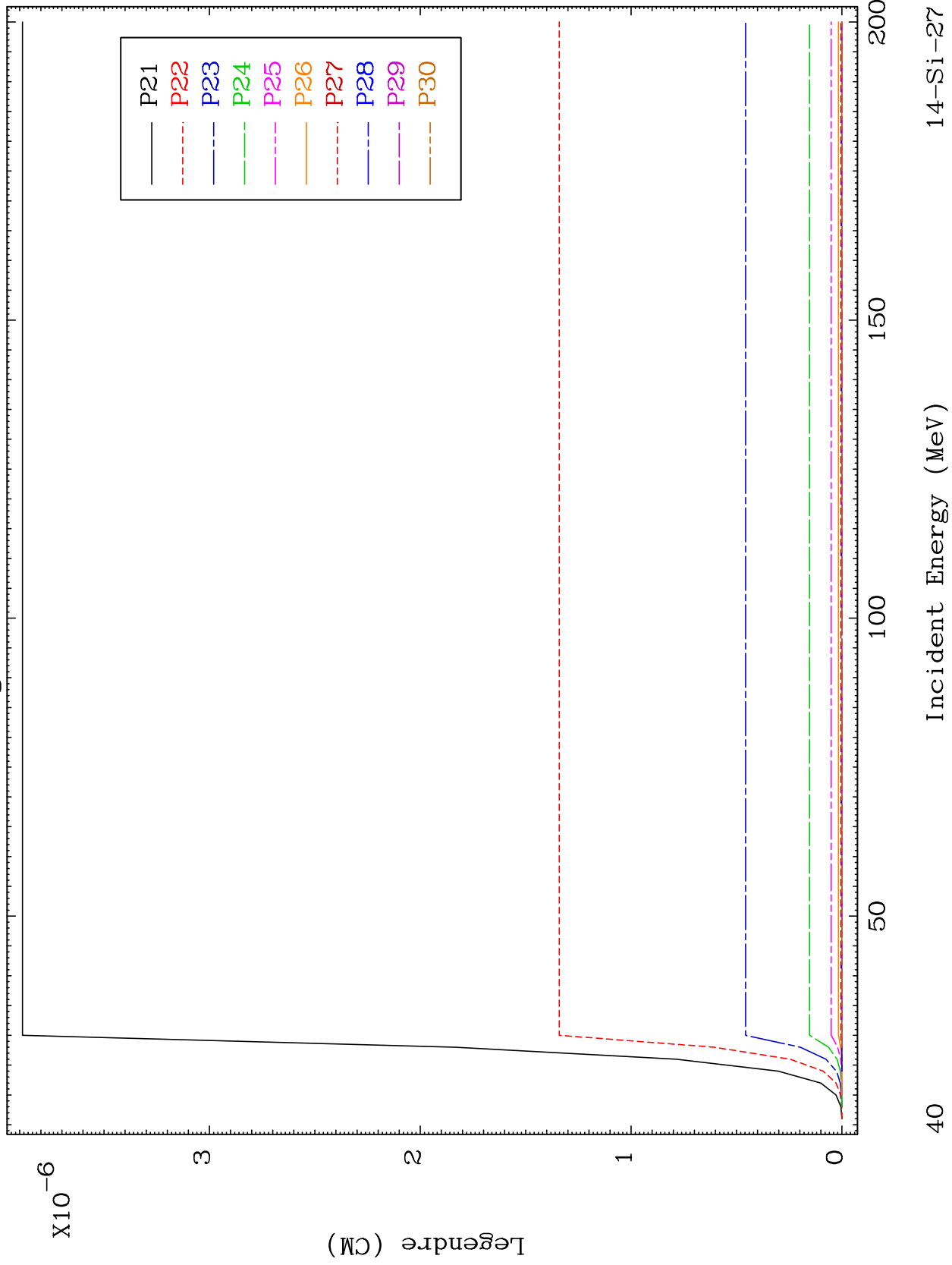
14-Si-27



MAT 1422

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

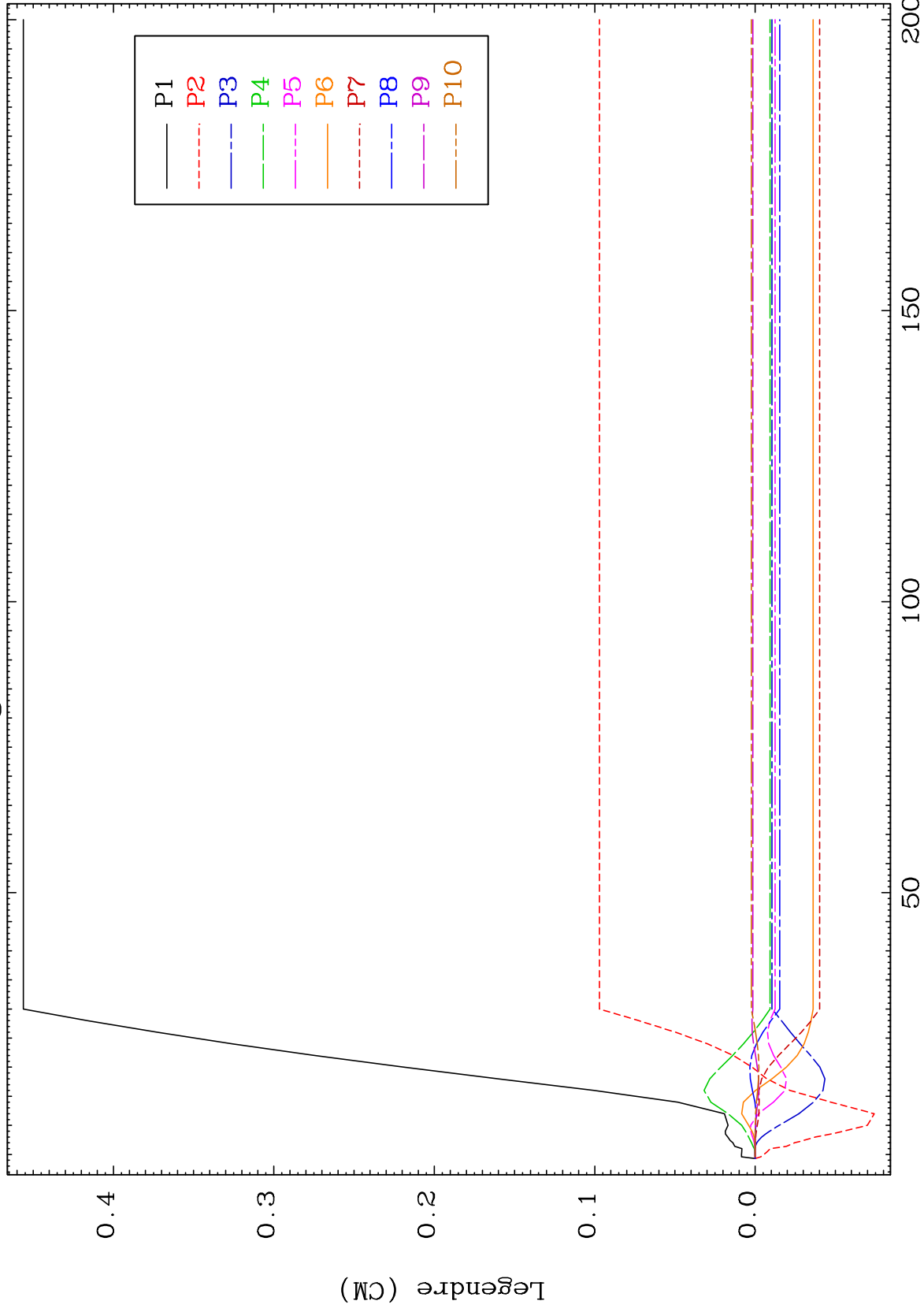
¹⁴Si-27



MAT 1422

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

14-Si-27



41

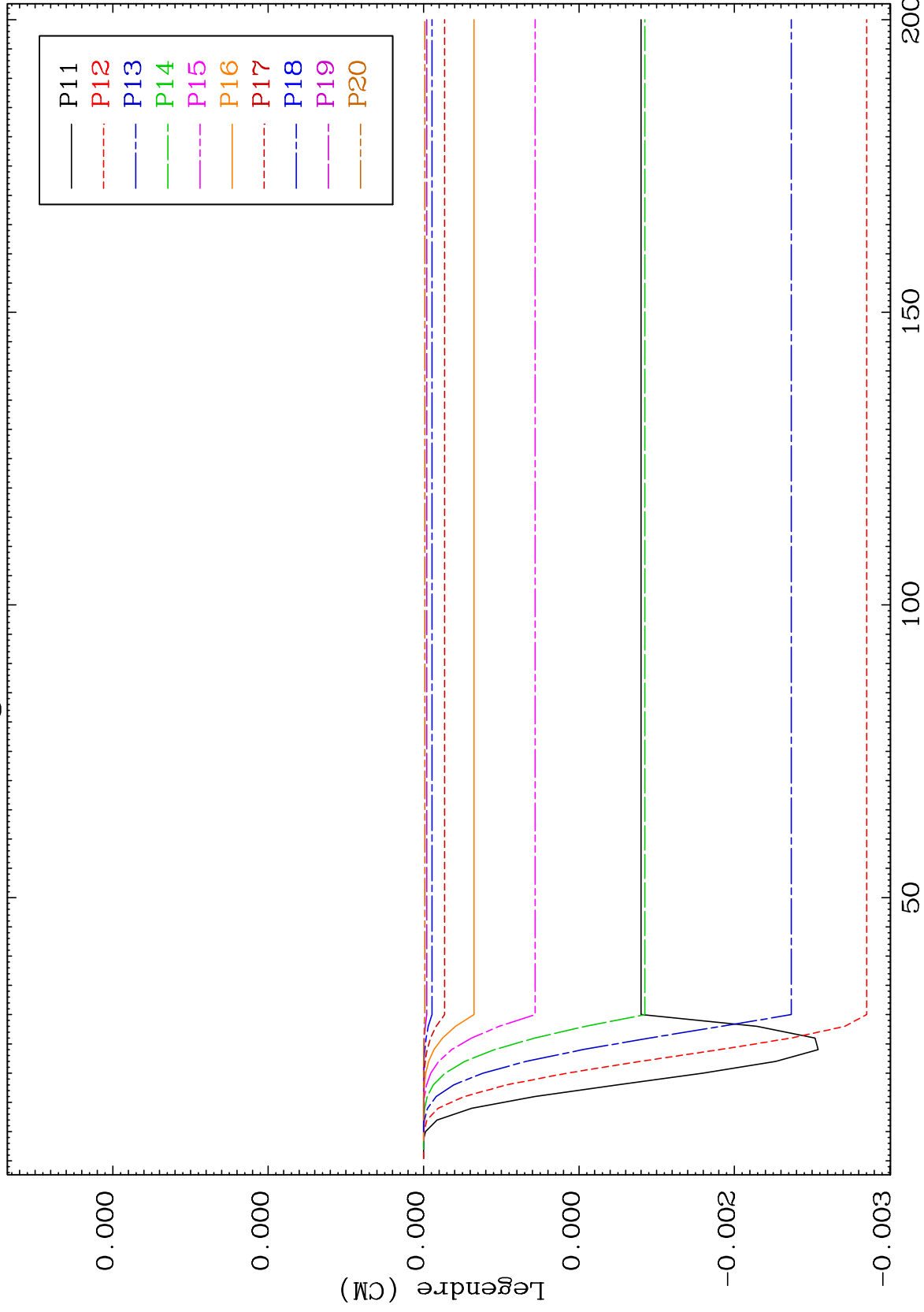
Incident Energy (MeV)

14-Si-27

MAT 1422

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

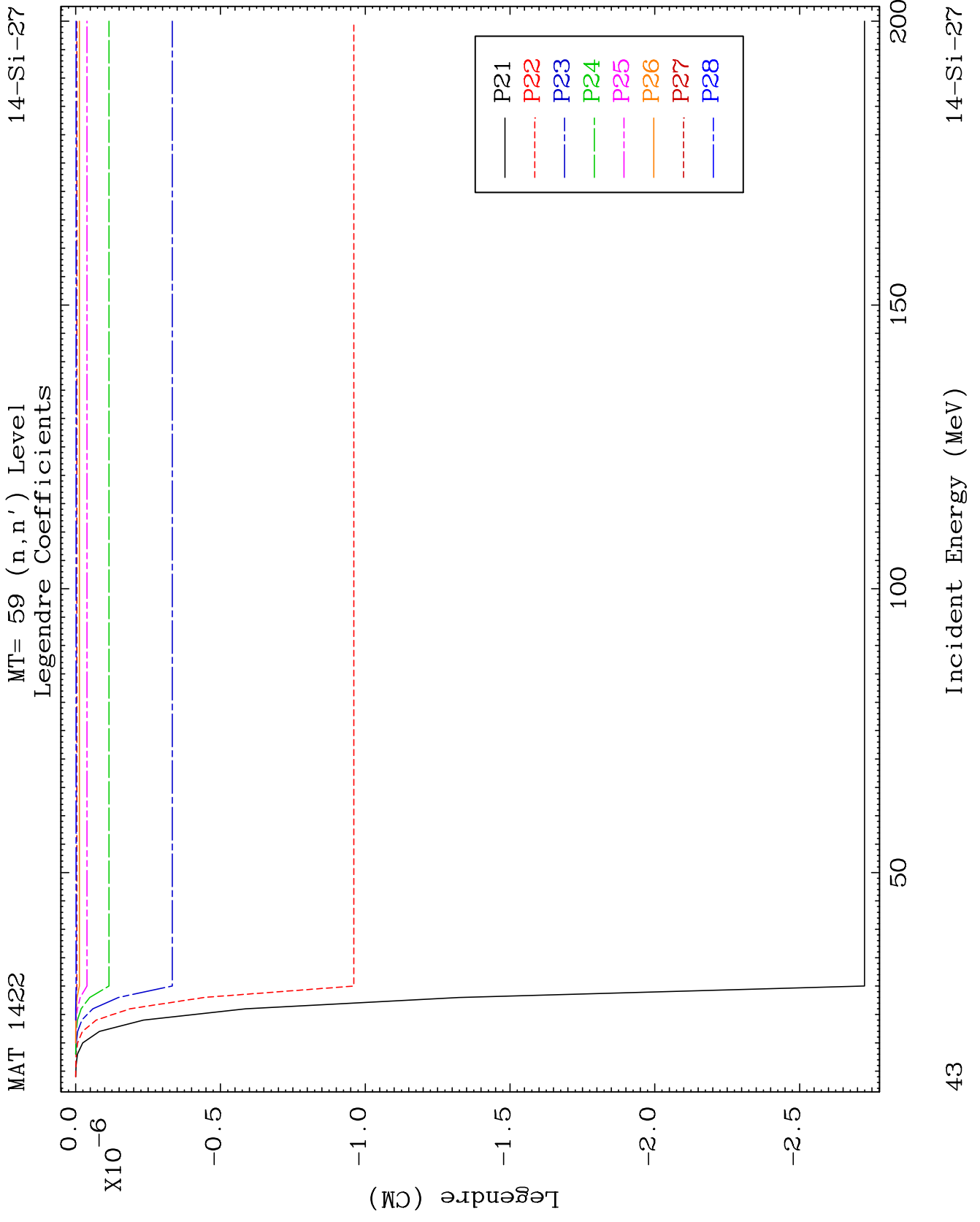
14-Si-27



42

Incident Energy (MeV)

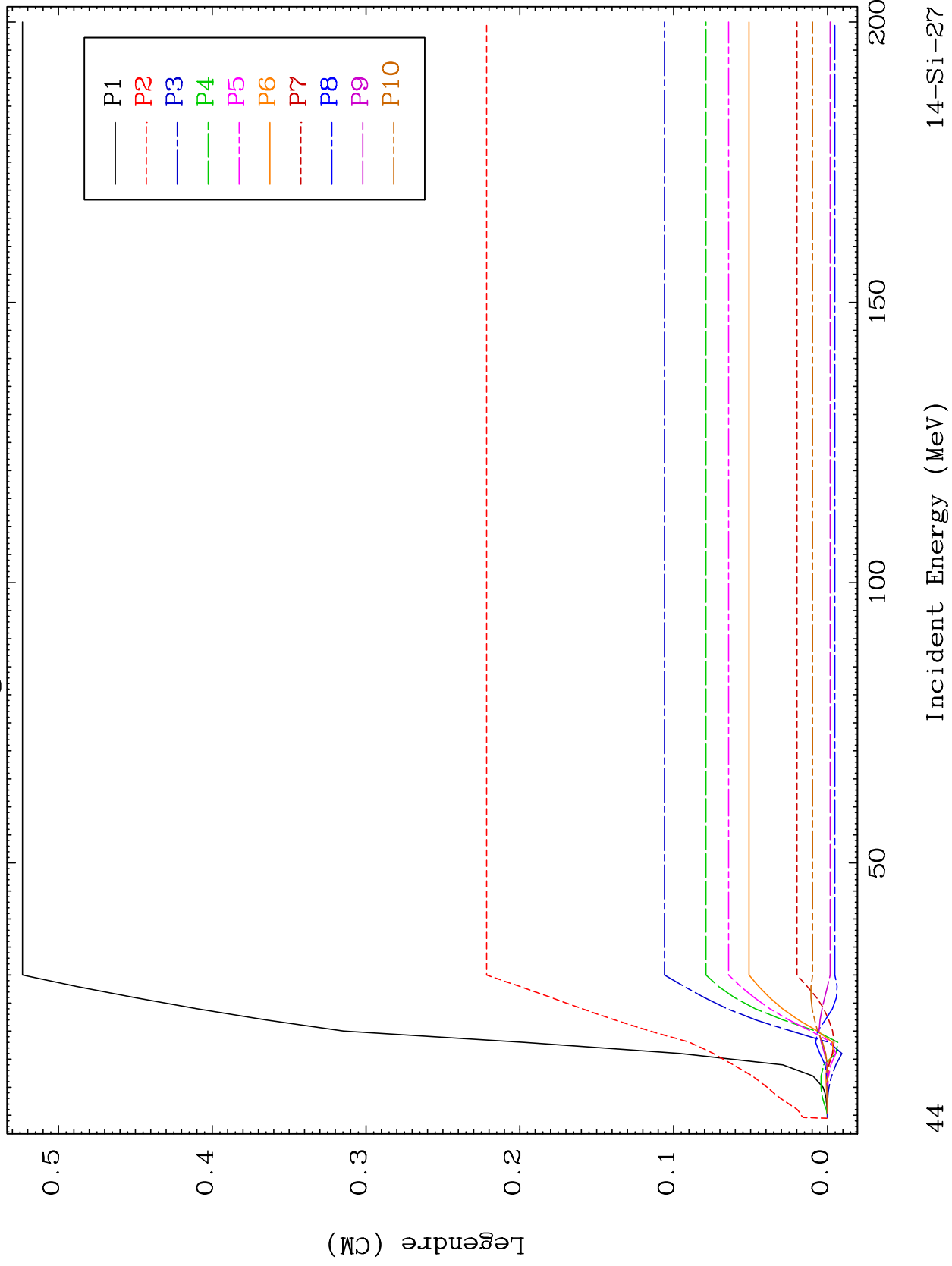
14-Si-27



MAT 1422

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

14-Si-27



44

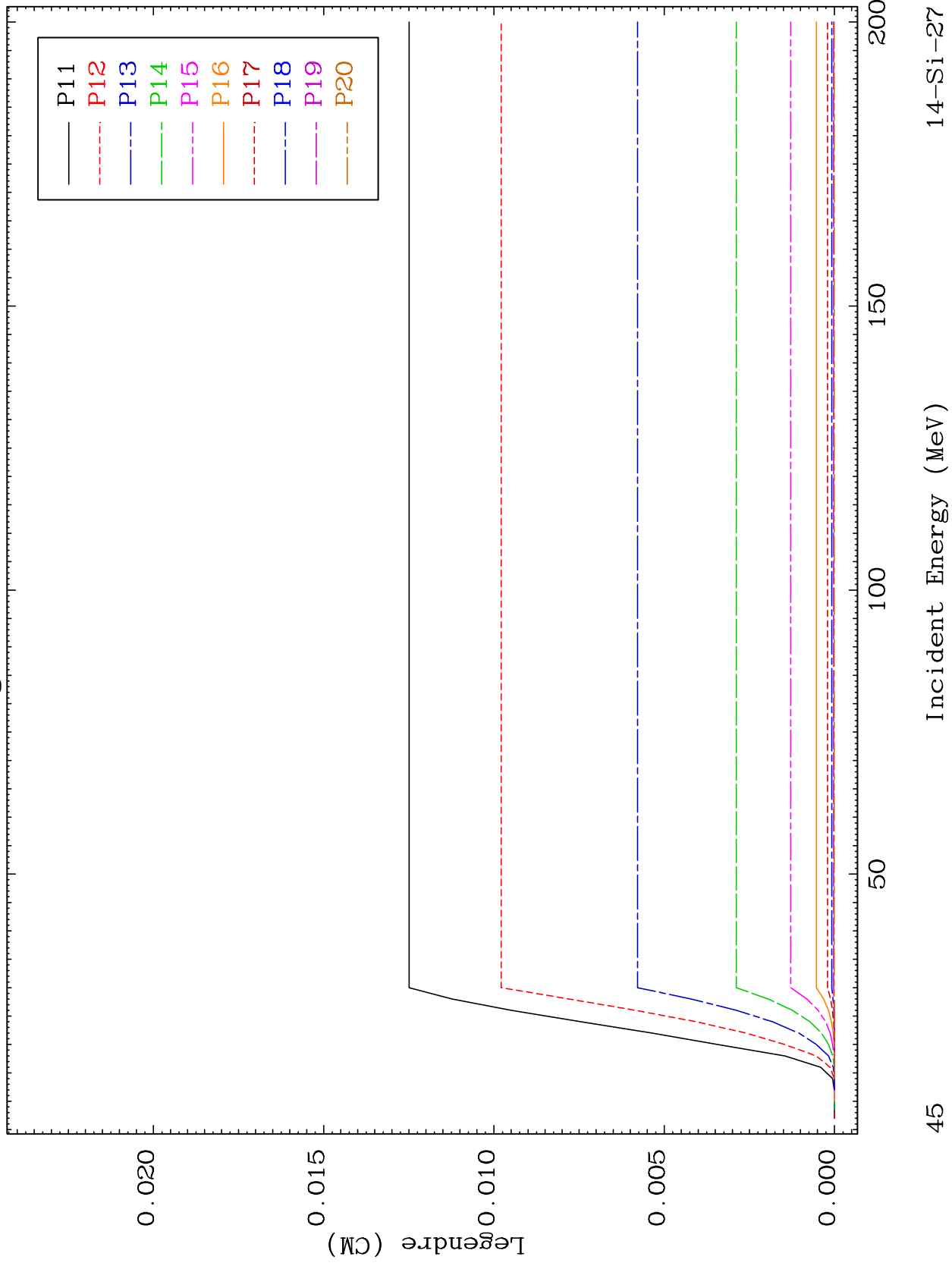
Incident Energy (MeV)

14-Si-27

MAT 1422

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

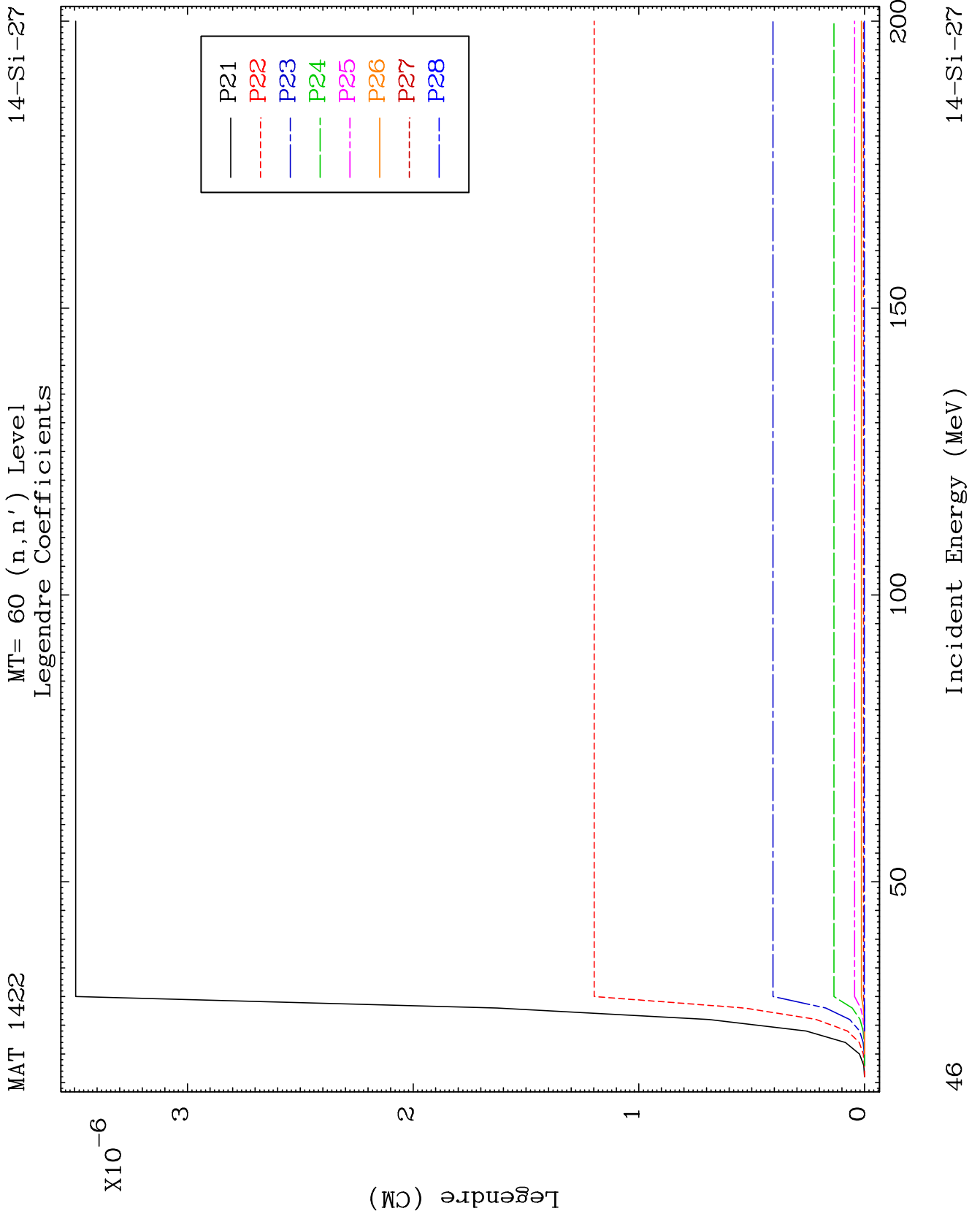
14-Si-27



14-Si-27

Incident Energy (MeV)

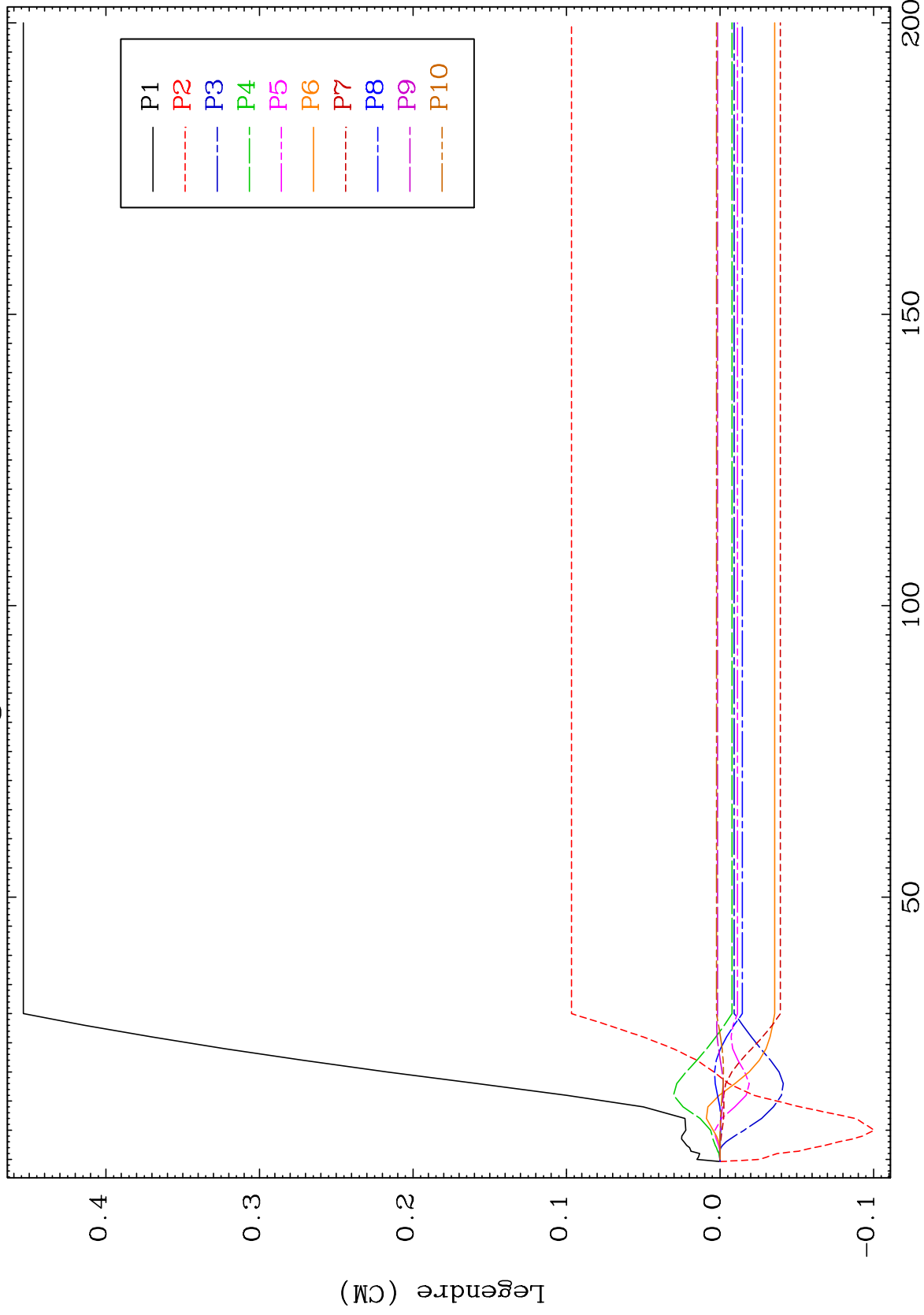
45



MAT 1422

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

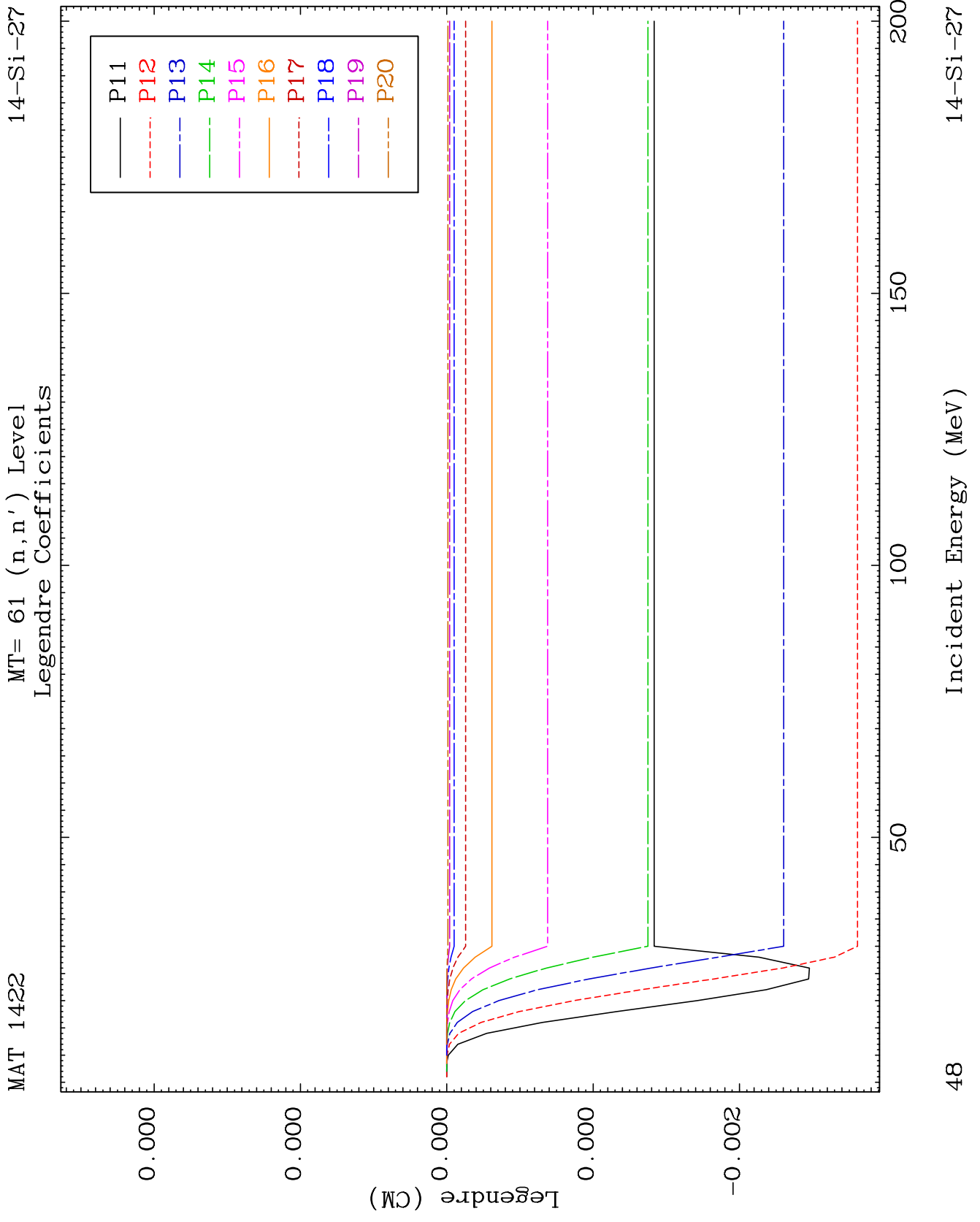
14-Si-27



47

Incident Energy (MeV)

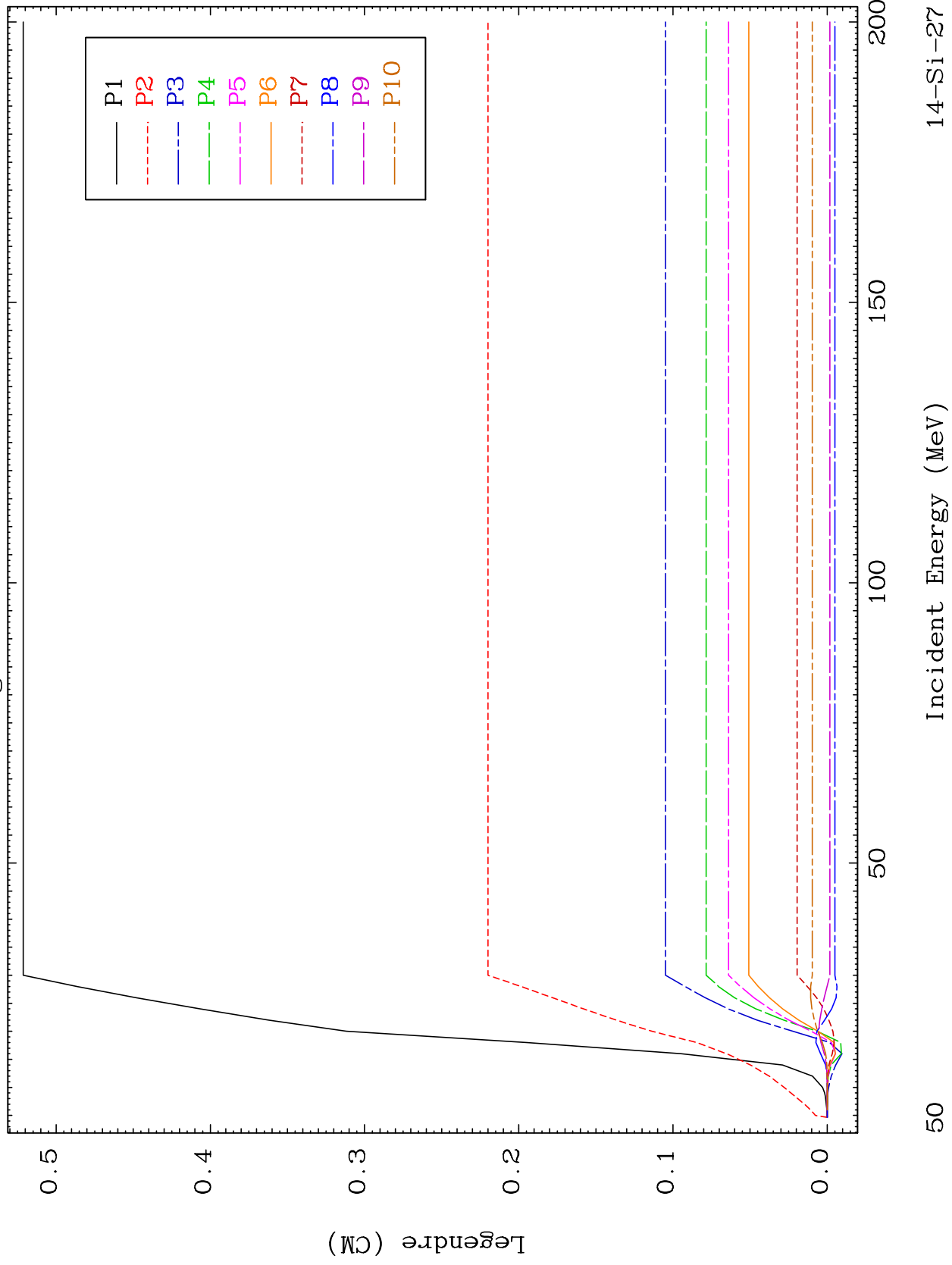
14-Si-27



MAT 1422

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

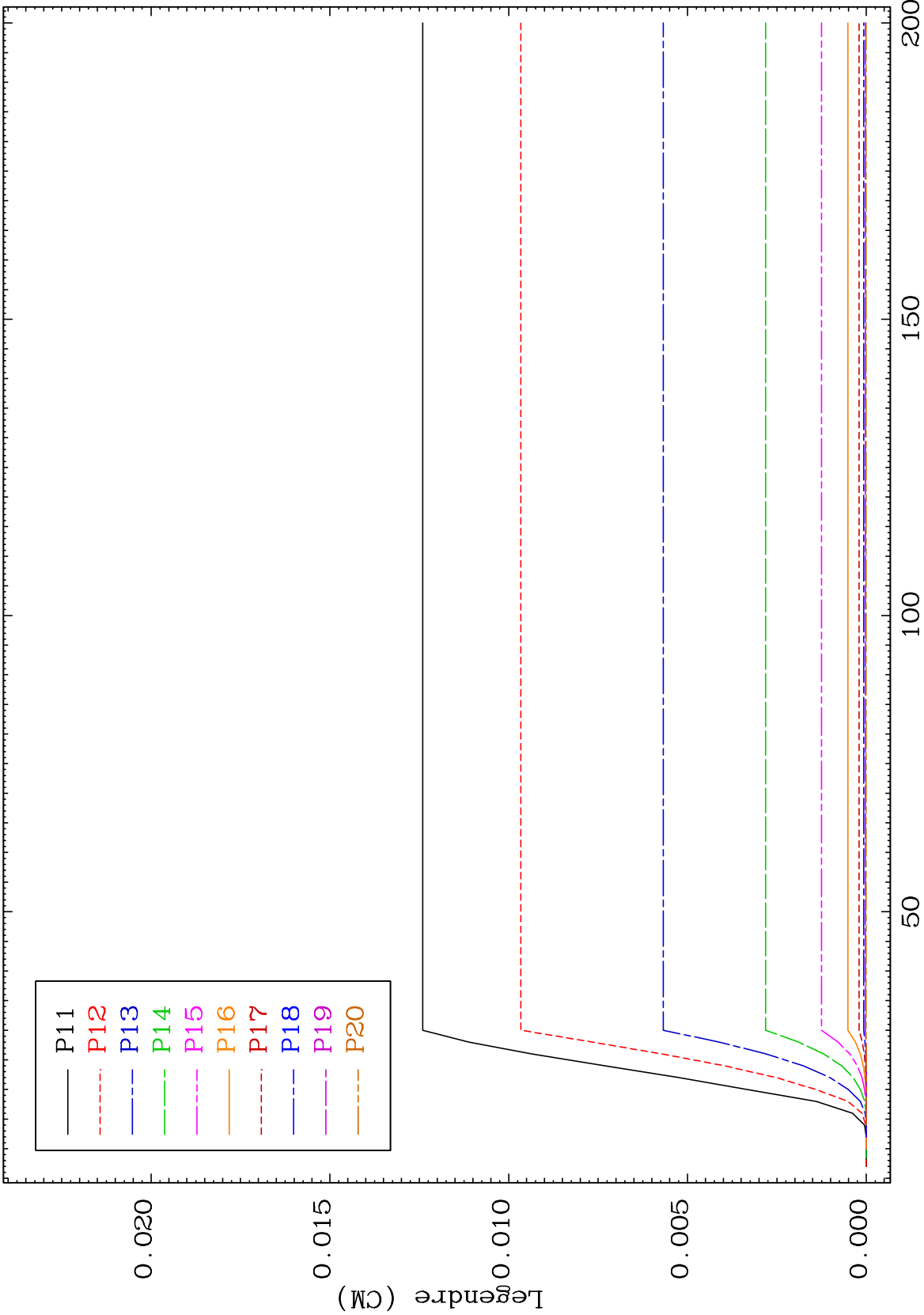
14-Si-27



14-Si-27

Incident Energy (MeV)

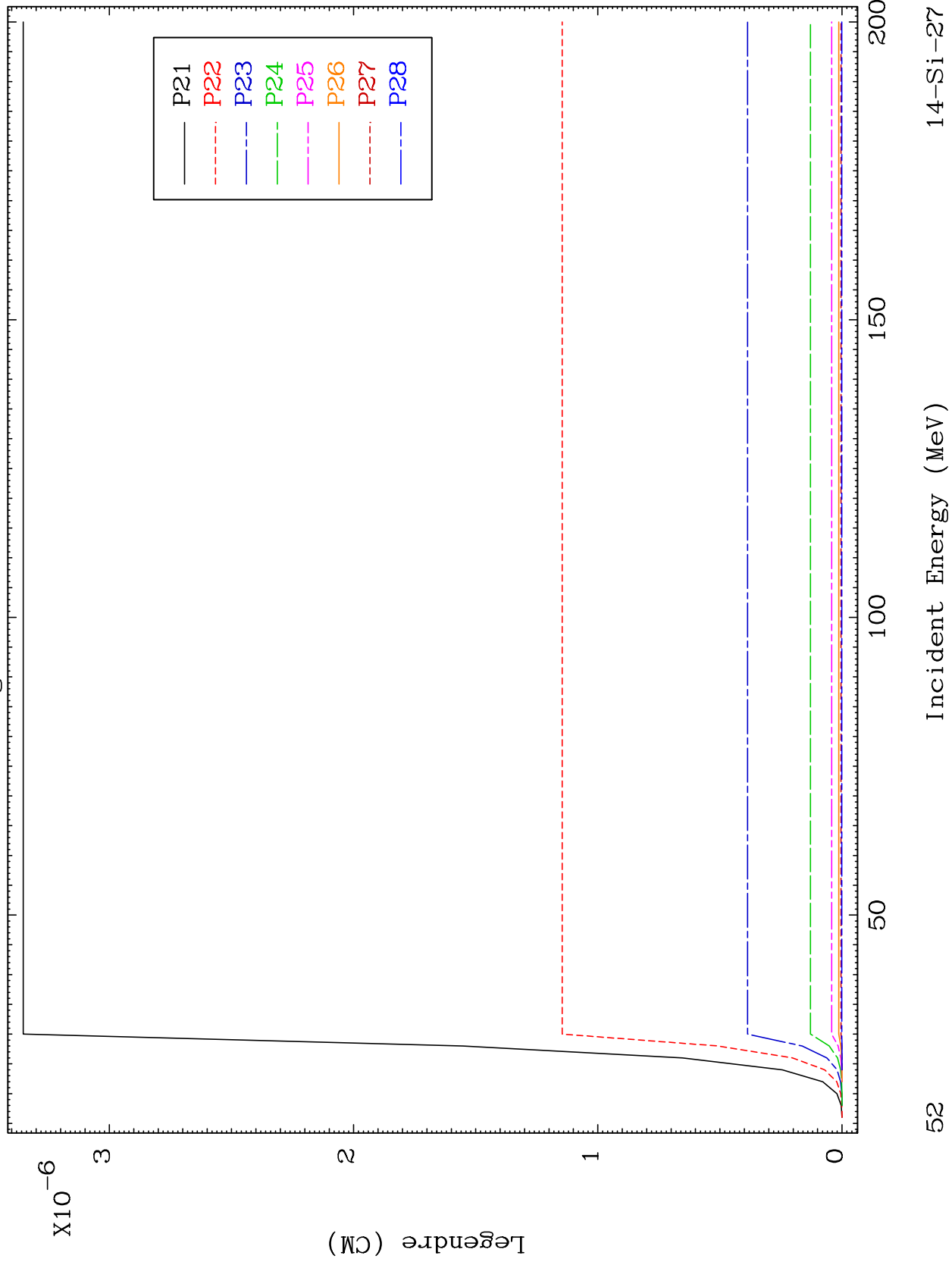
50



MAT 1422

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

14-Si-27

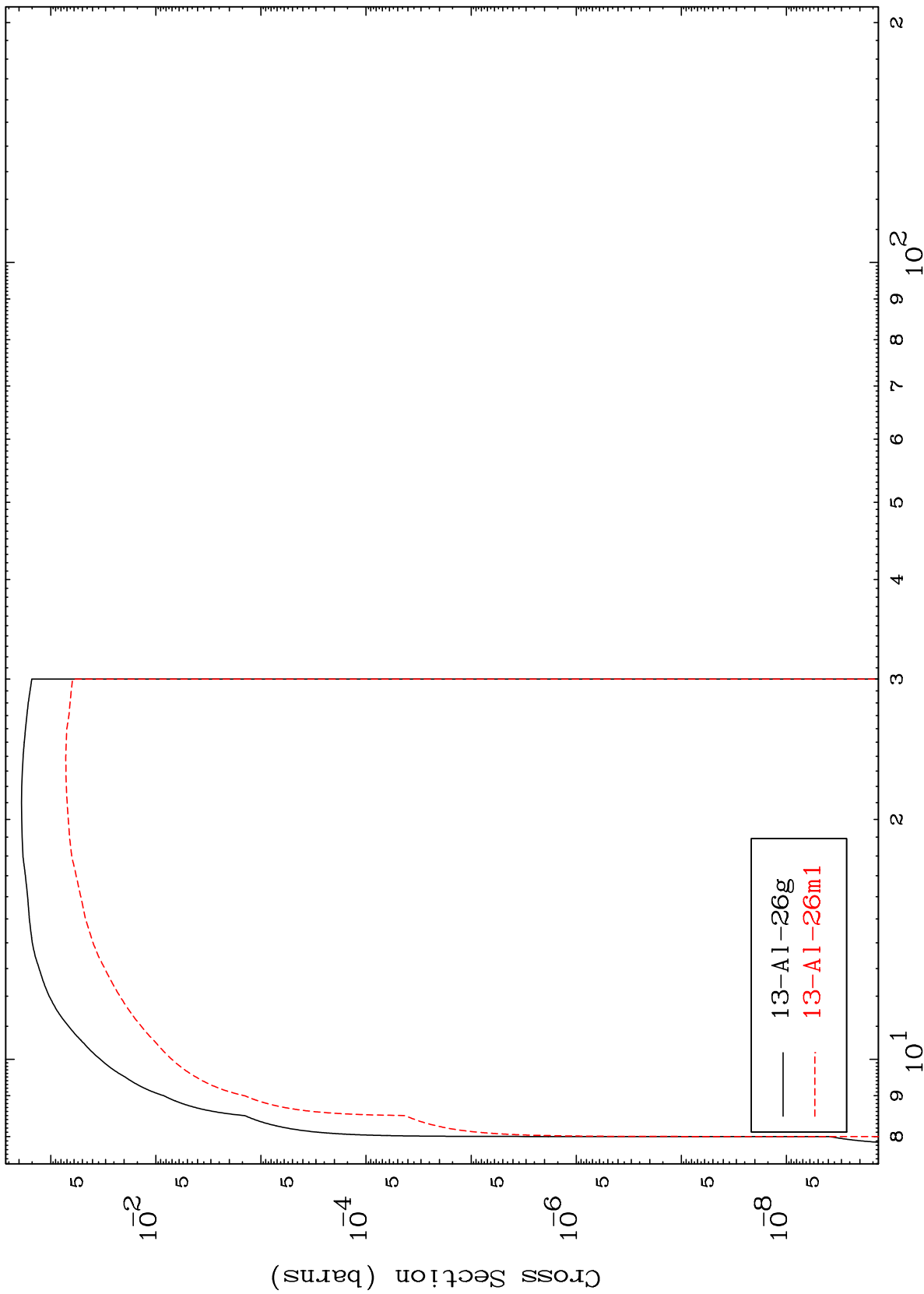


MAT 1422

(n,n') p

14-Si-27

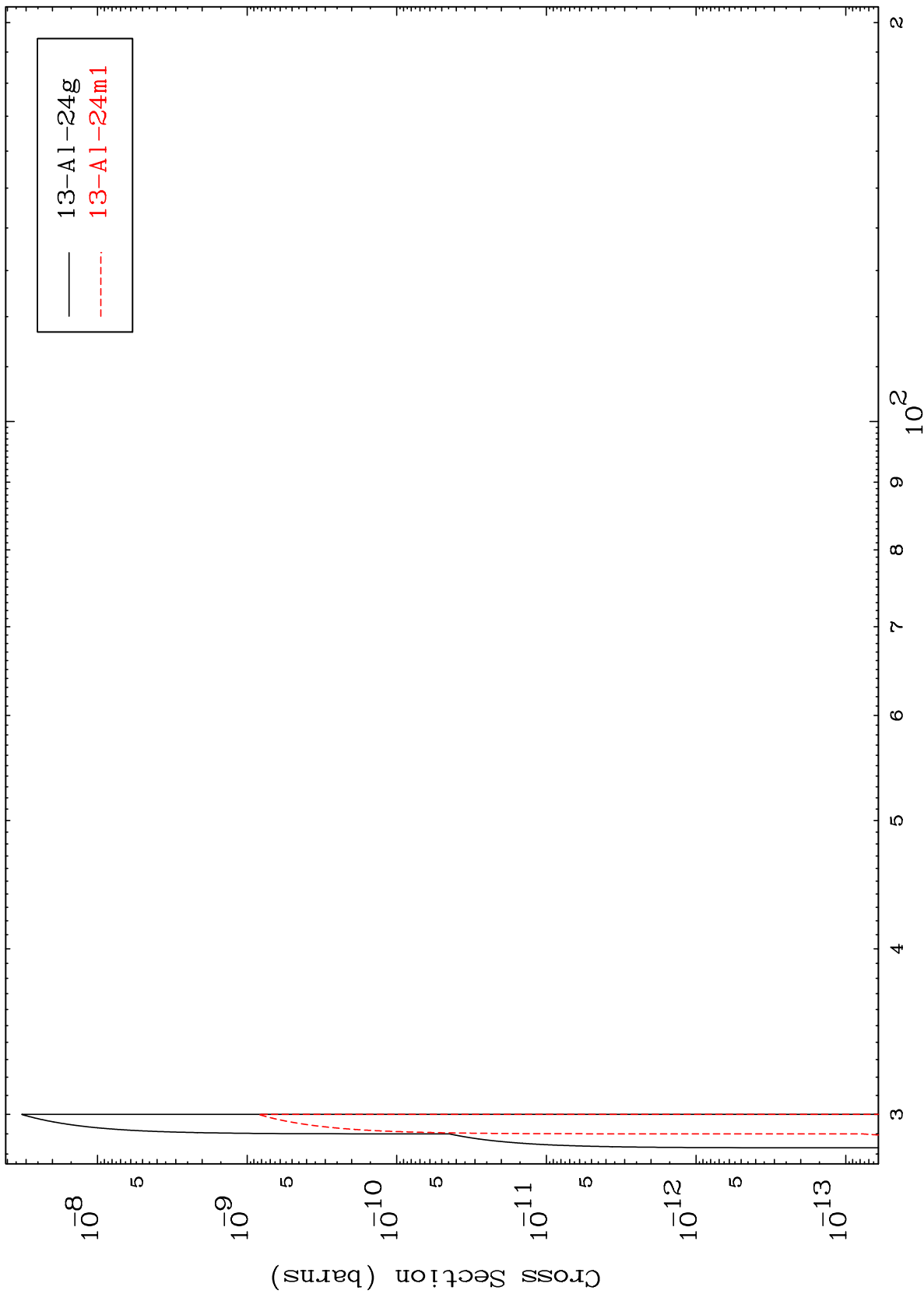
Radionuclide Production Cross Section



53

14-Si-27

Radionuclide Production Cross Section



Radionuclide Production Cross Section

