

Program EVALPLOT
(Version 2018-1)

by

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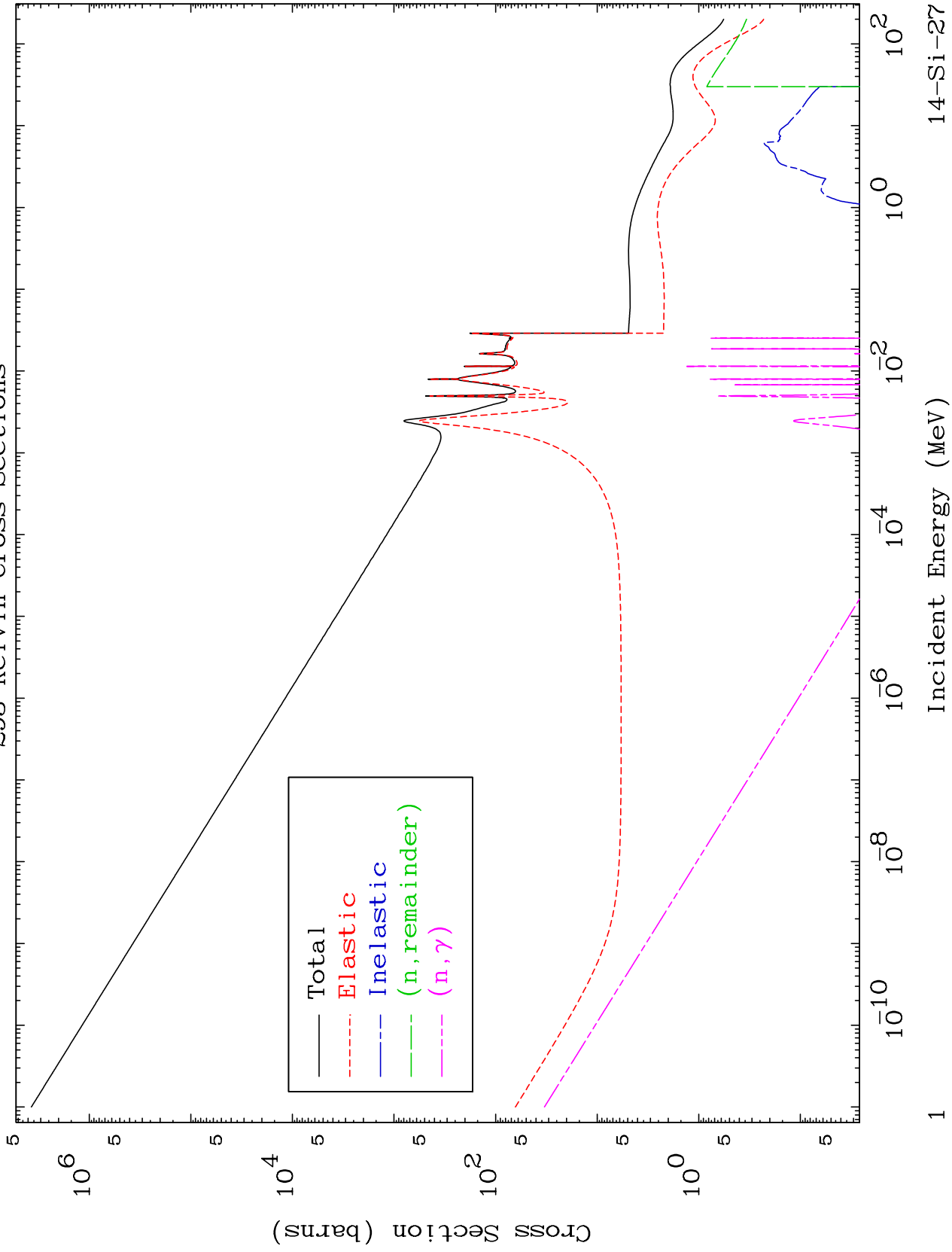
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Web:redcullen1.net/HOMEPAGE.NEW

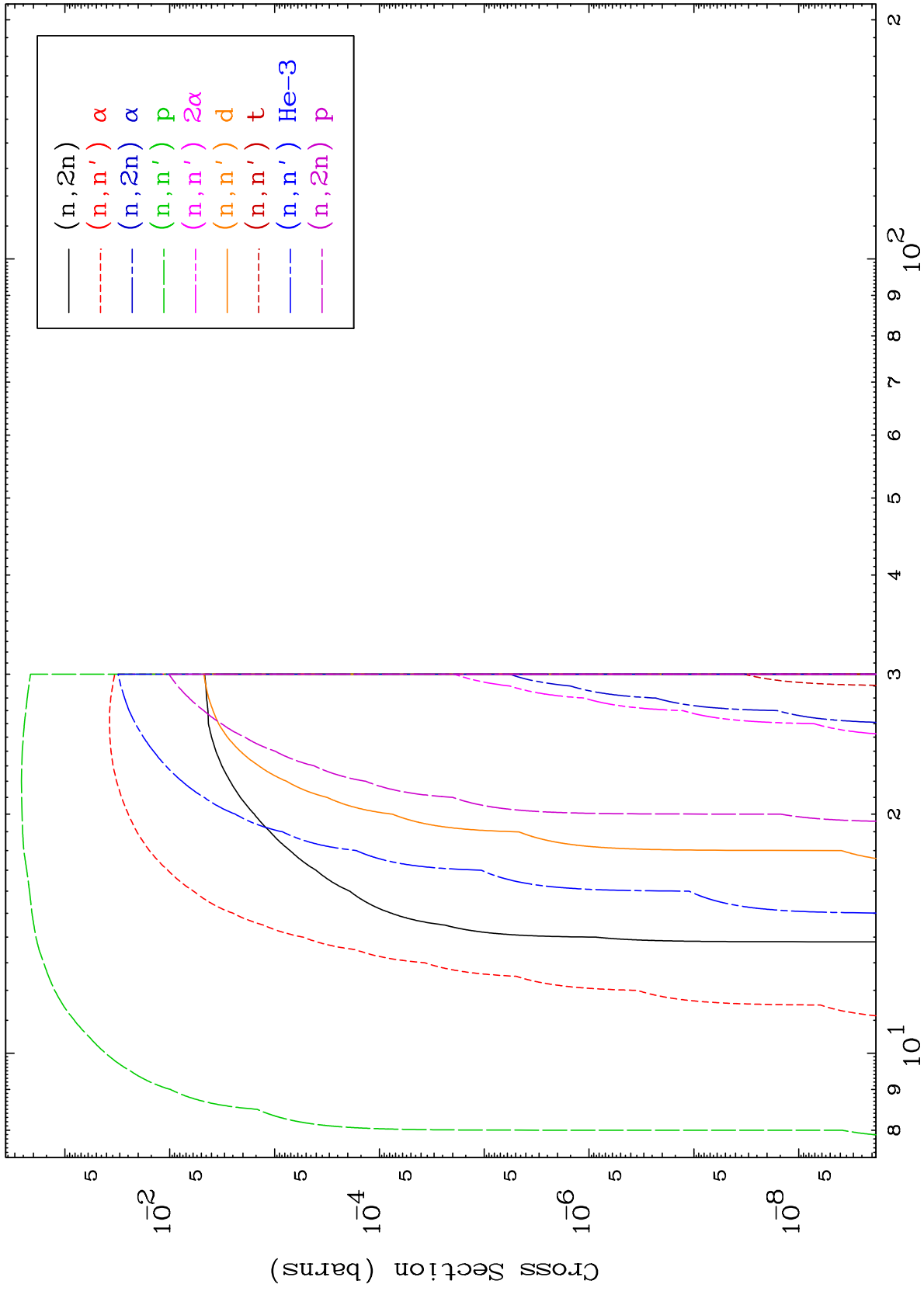
Press Mouse Button to Start

MAT 1422

Major
293 Kelvin Cross Sections

14-Si-27

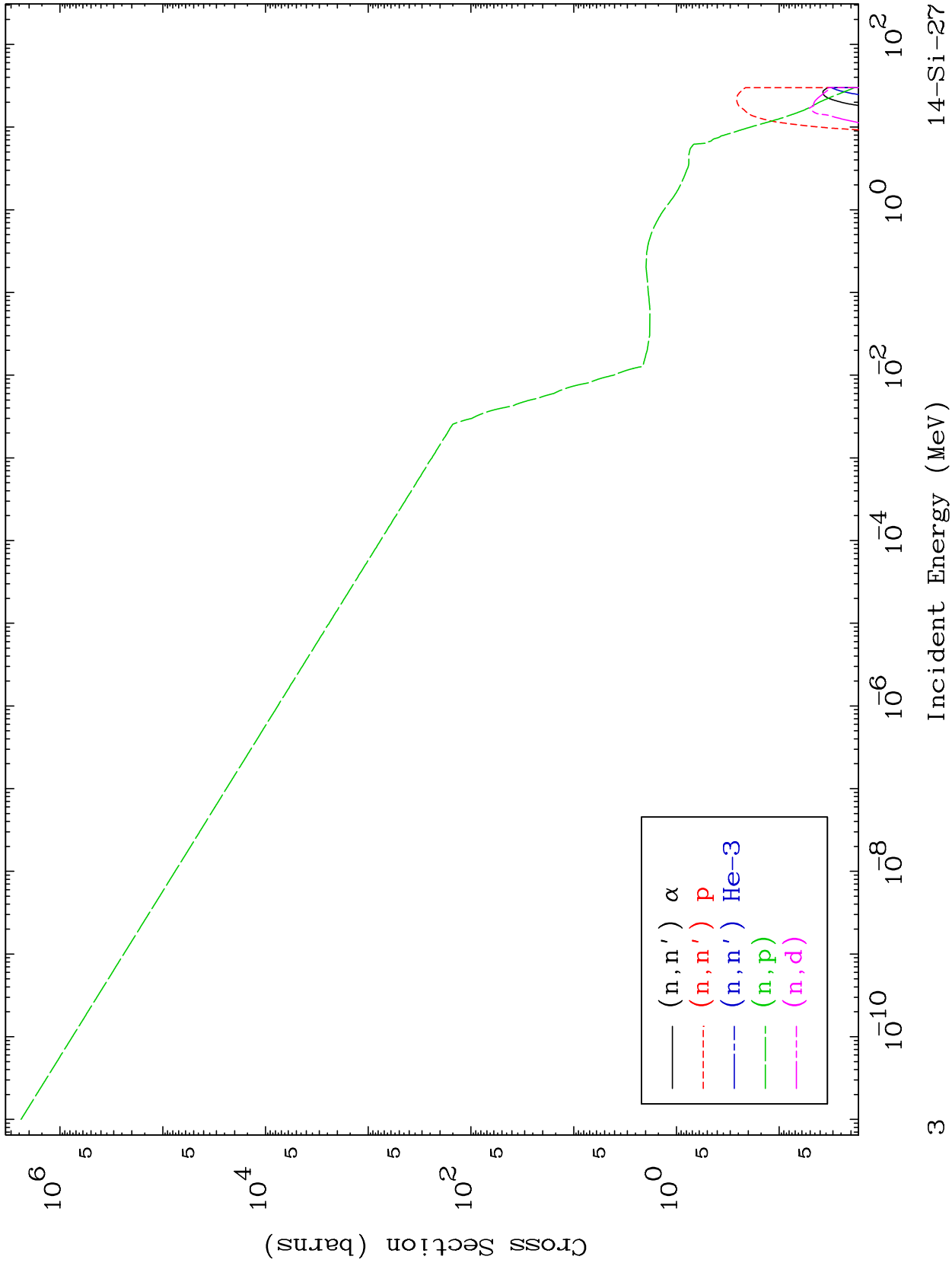




MAT 1422

Charged Particle
293 Kelvin Cross Sections

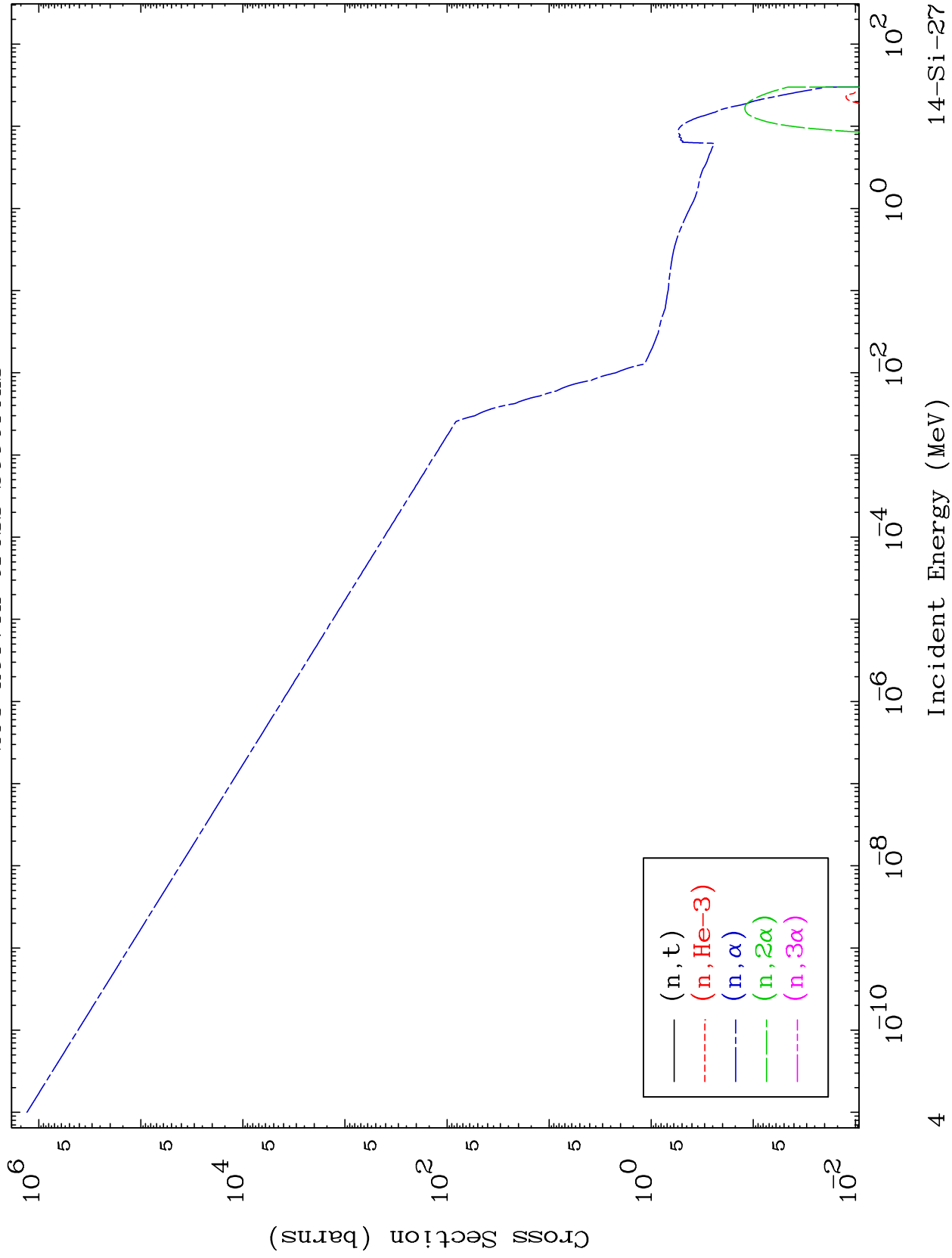
14-Si-27

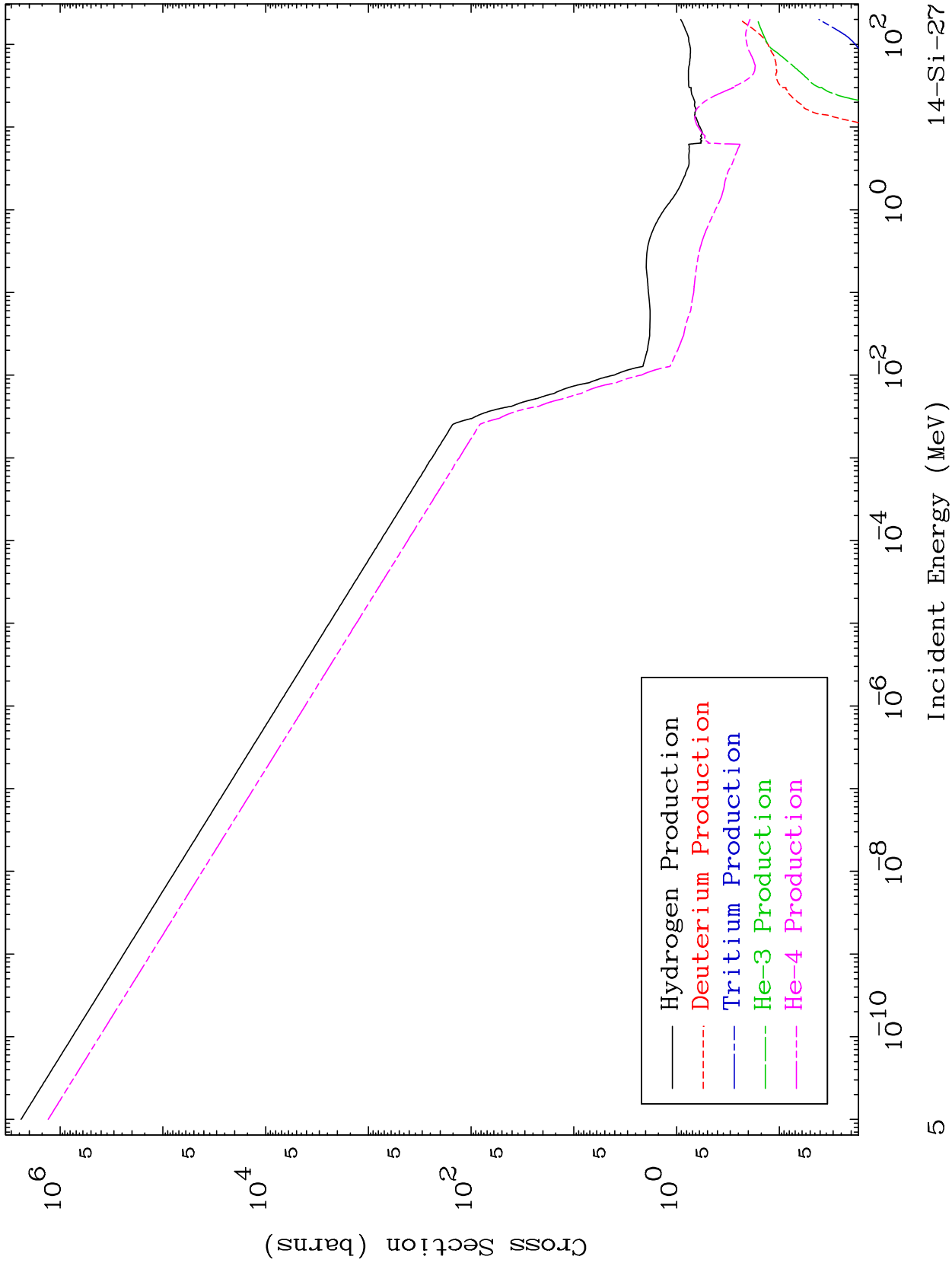


MAT 1422

Charged Particle
293 Kelvin Cross Sections

14-Si-27

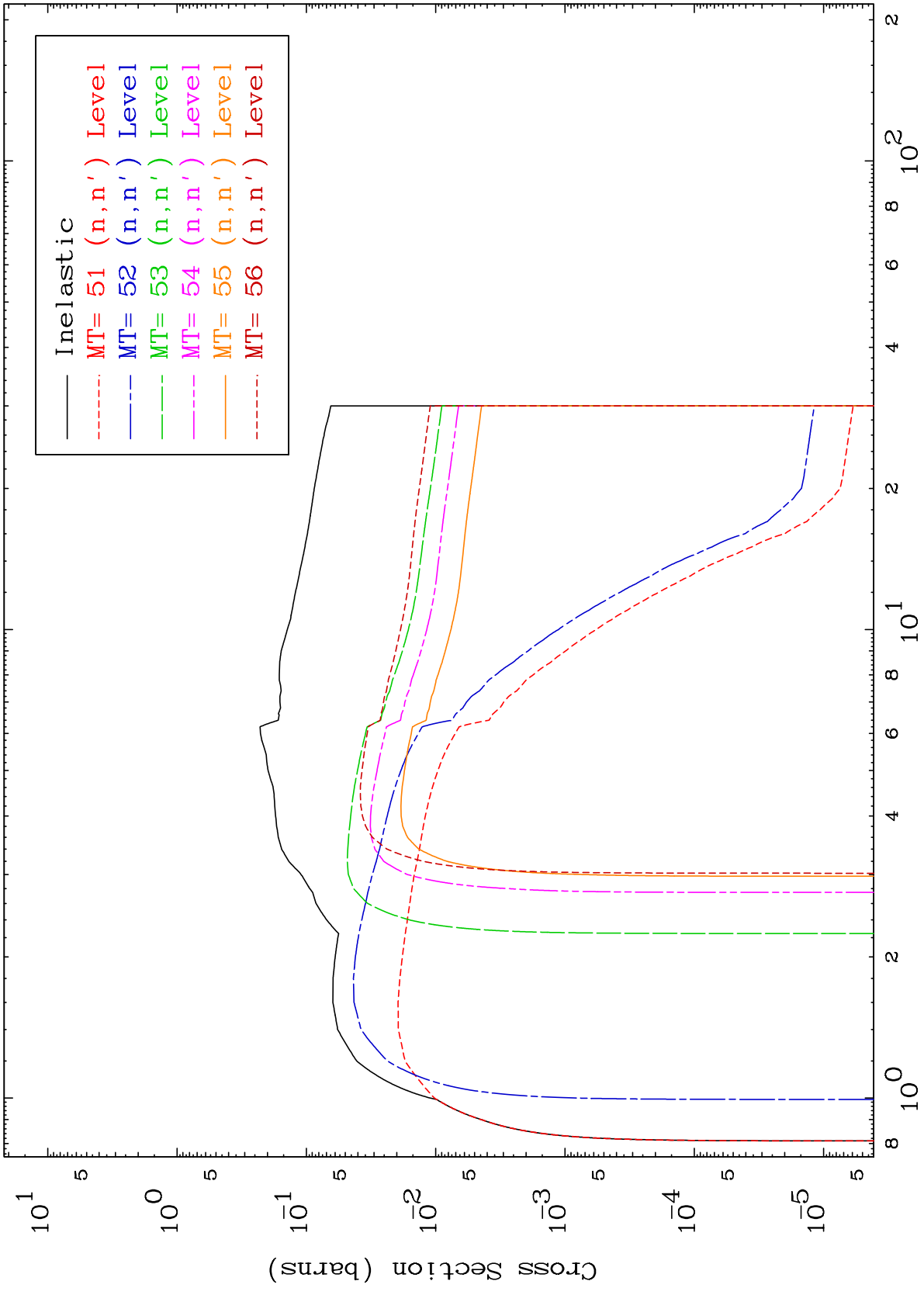




MAT 1422

(n,n') Level
293 Kelvin Cross Sections

14-Si-27



Incident Energy (MeV)

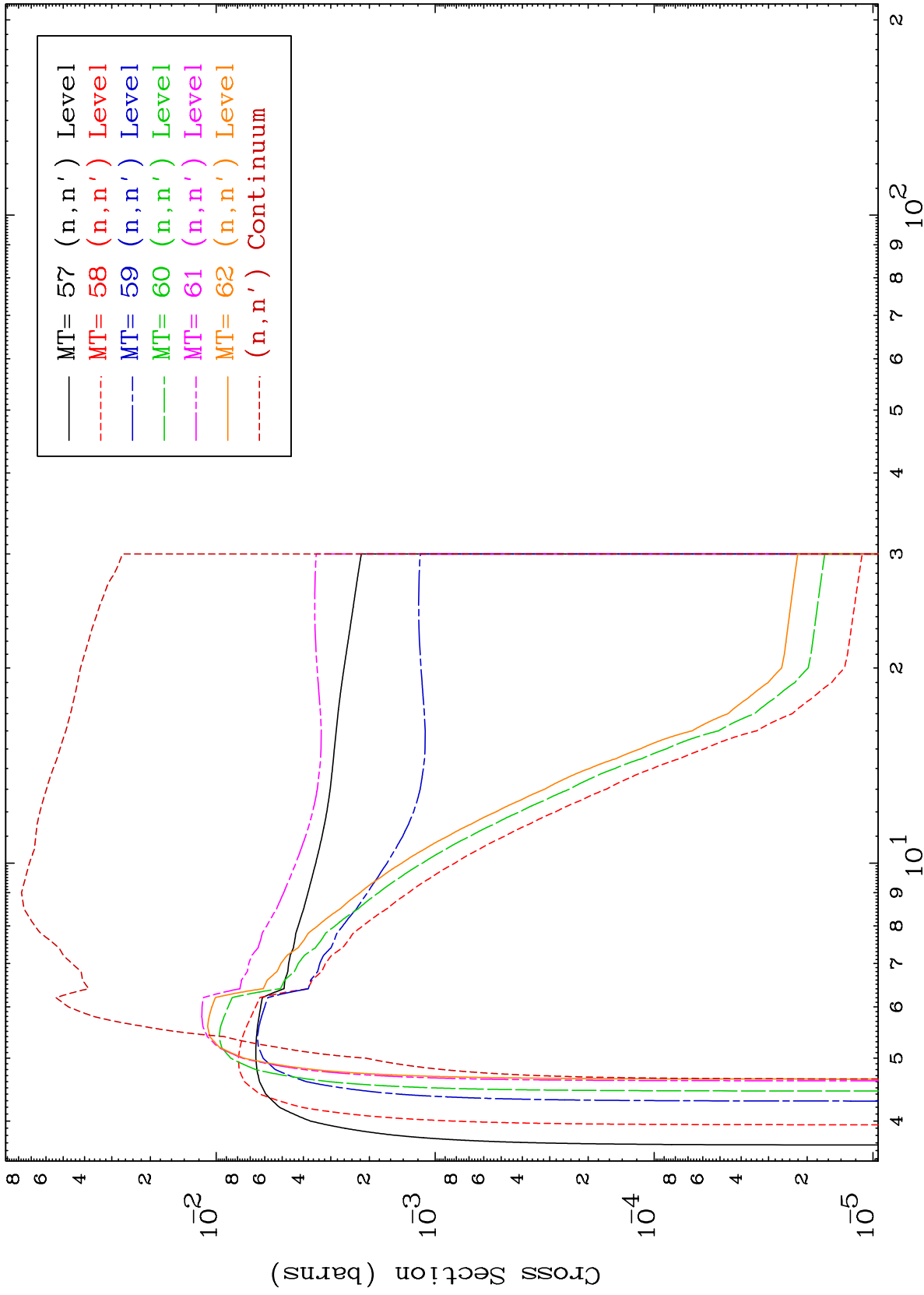
14-Si-27

MAT 1422

(n,n') Level

14-Si-27

293 Kelvin Cross Sections



7

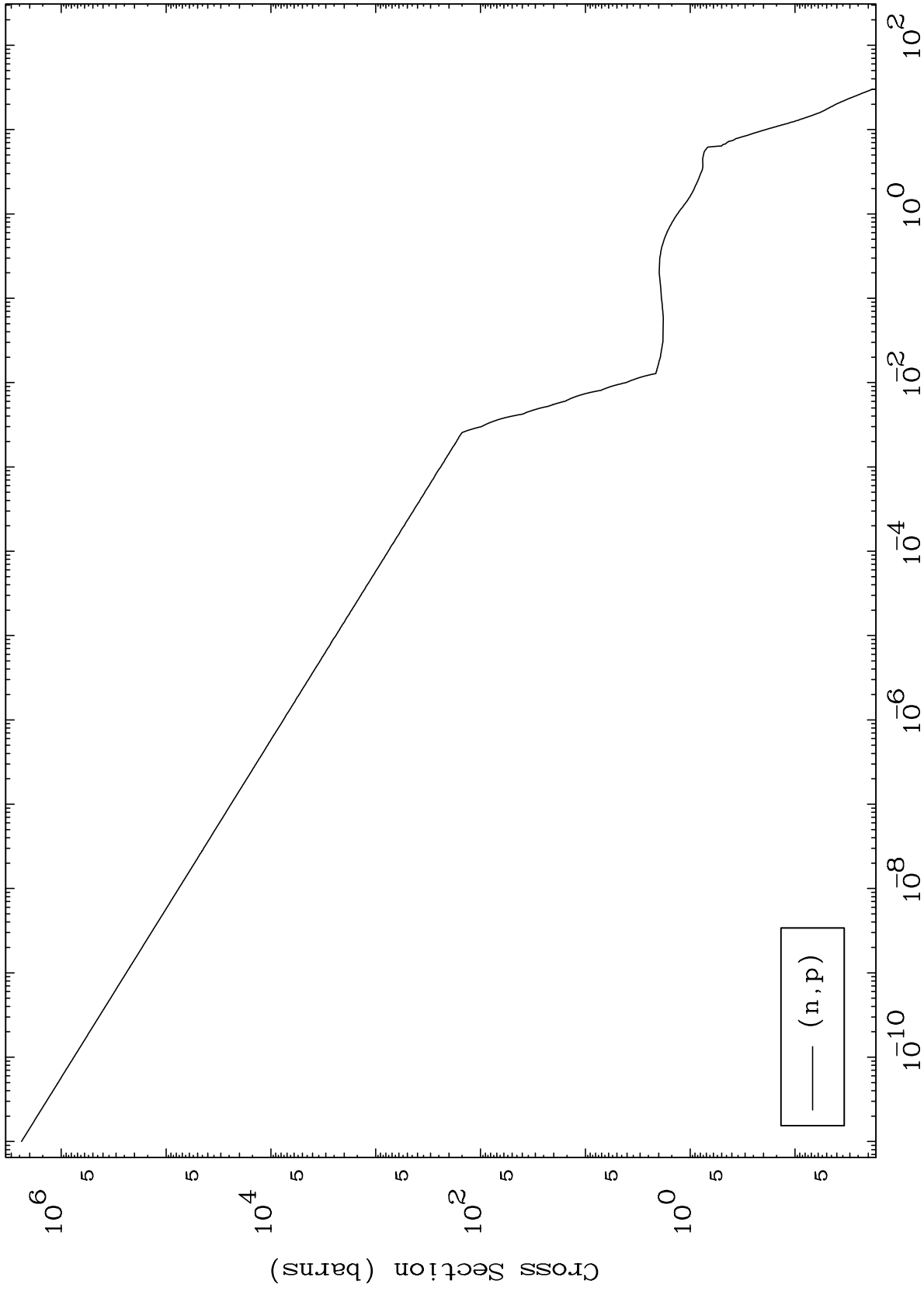
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,p) Levels
293 Kelvin Cross Sections

14-Si-27

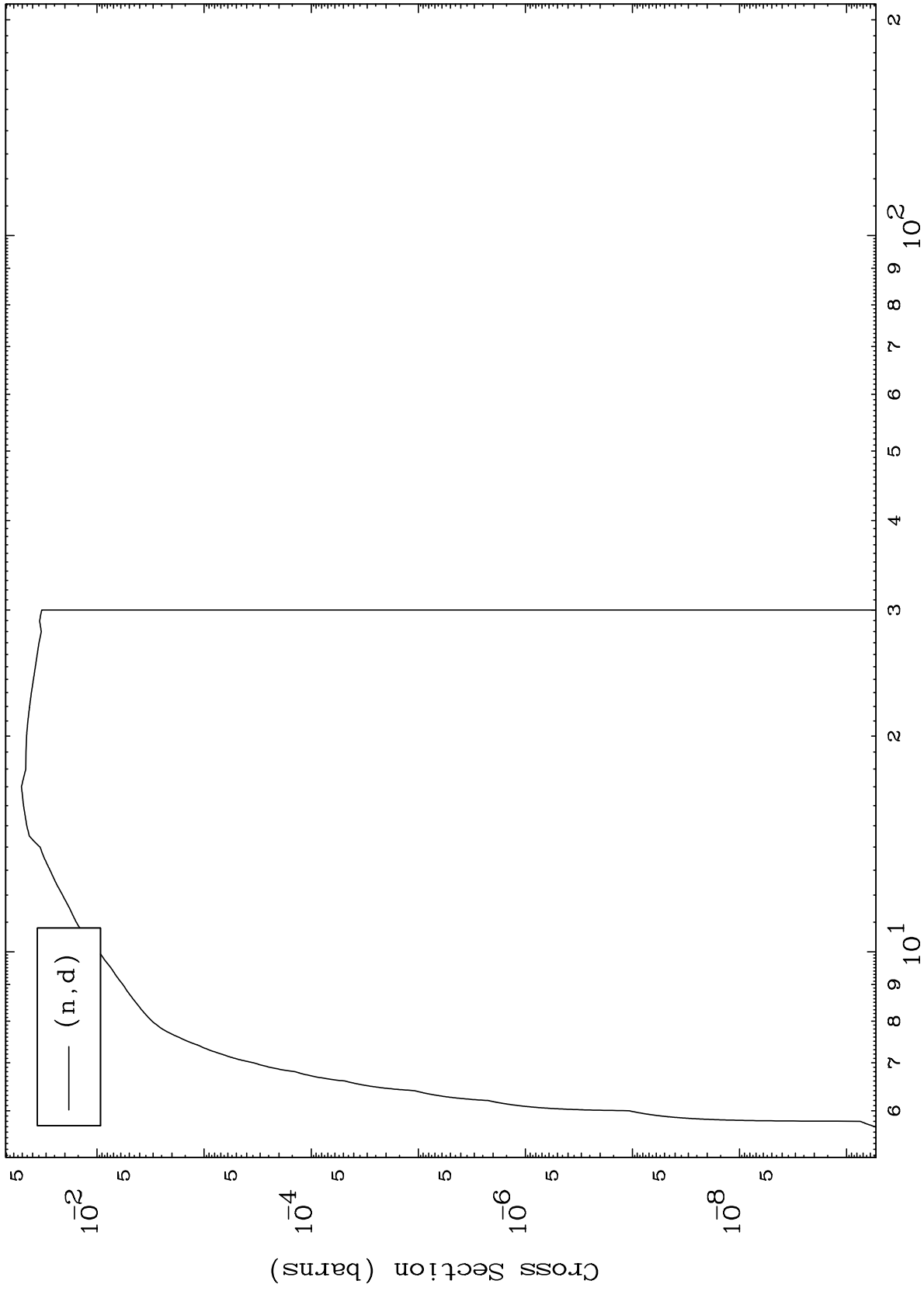


— (n,p)

MAT 1422

(n,d) Levels
293 Kelvin Cross Sections

14-Si-27



9

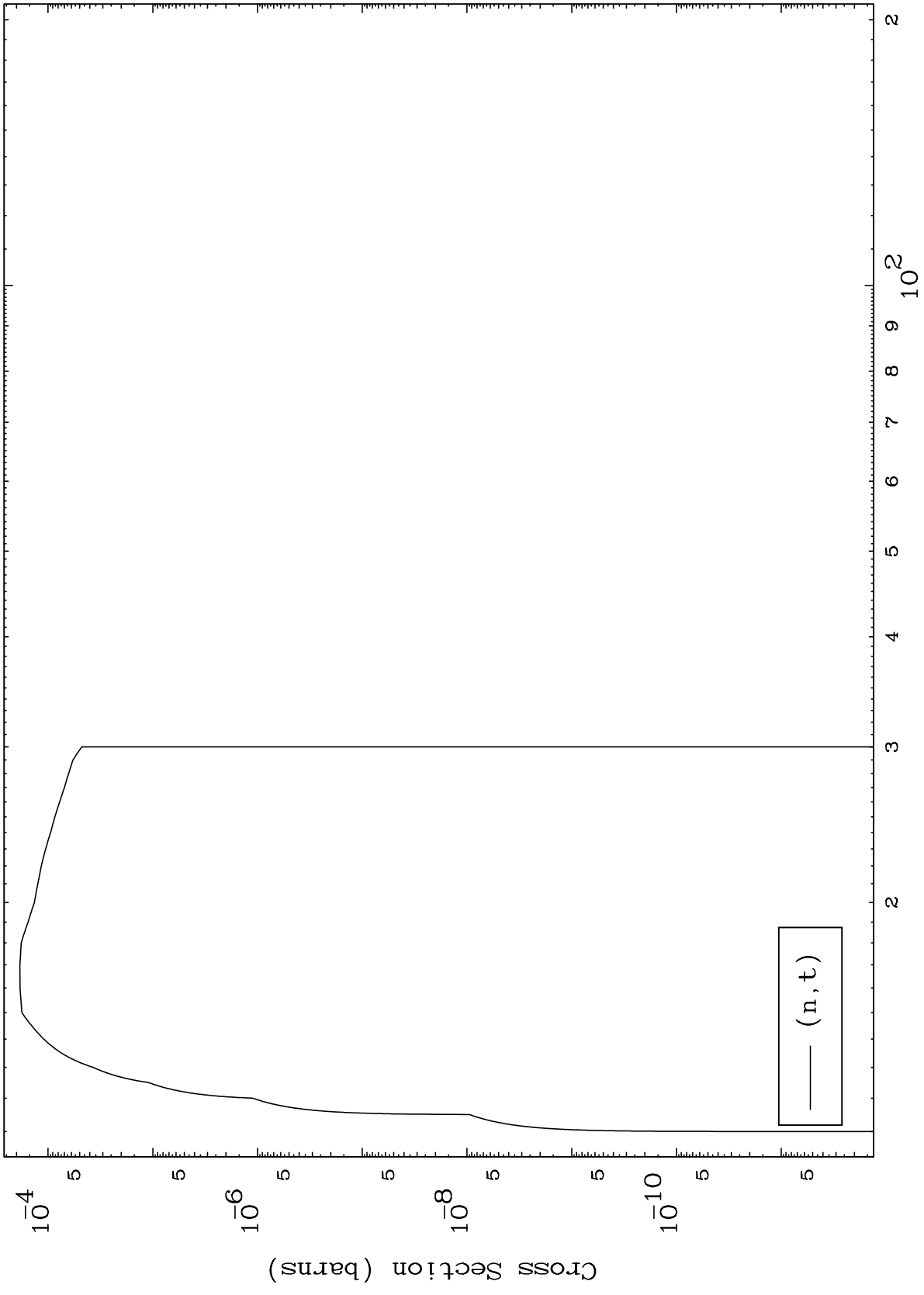
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,t) Levels
293 Kelvin Cross Sections

14-Si-27



10

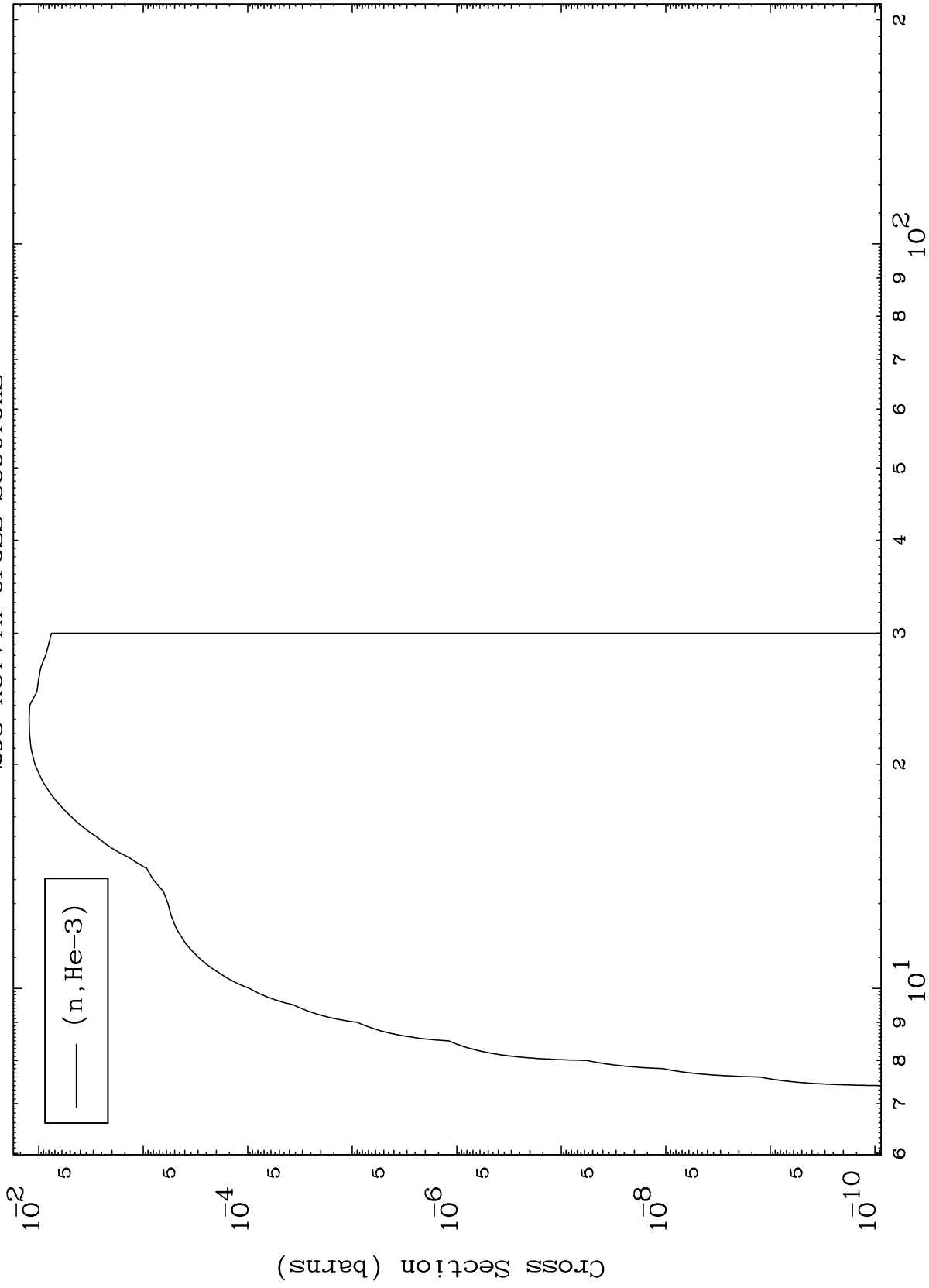
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-27



11

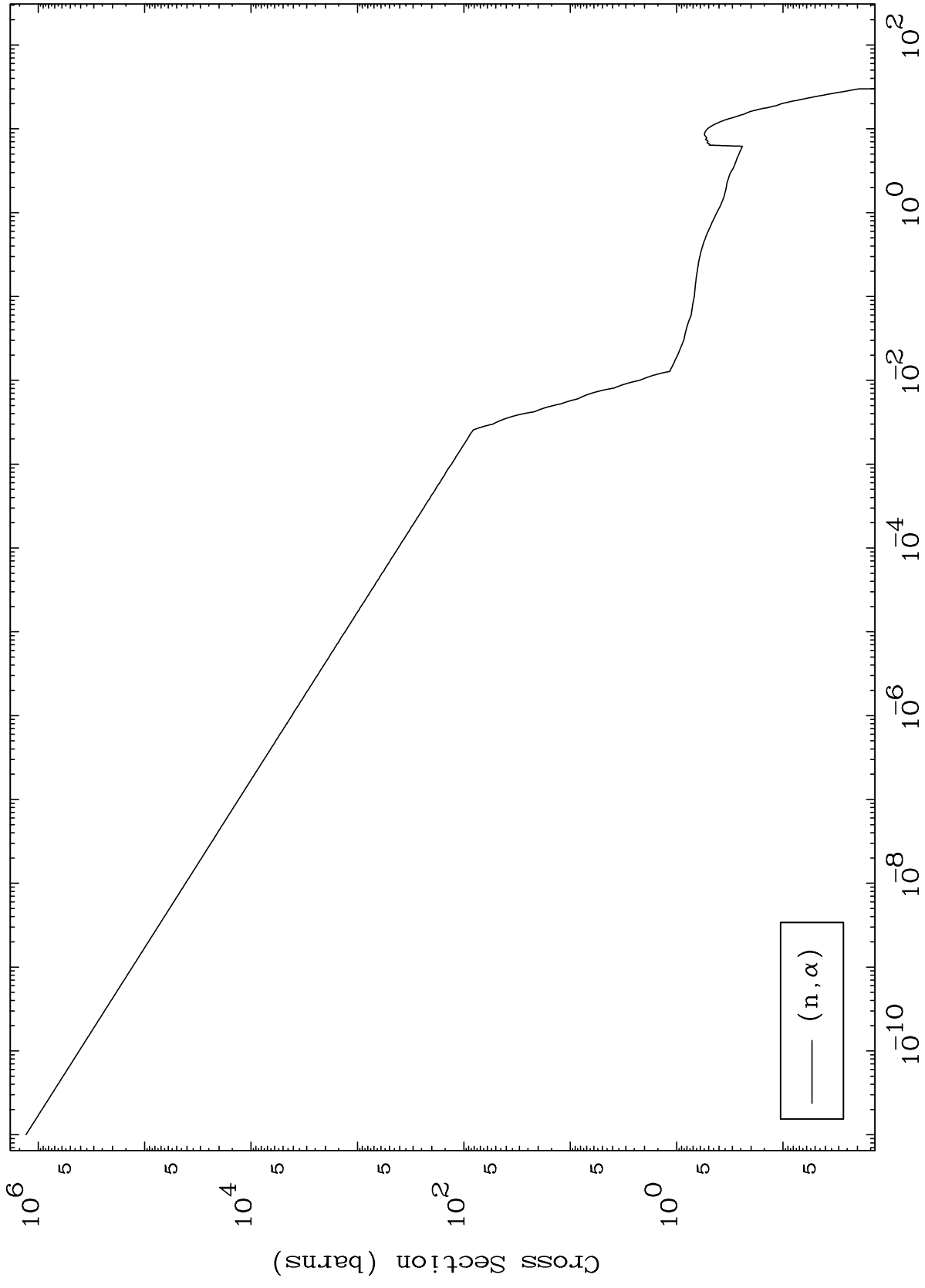
Incident Energy (MeV)

14-Si-27

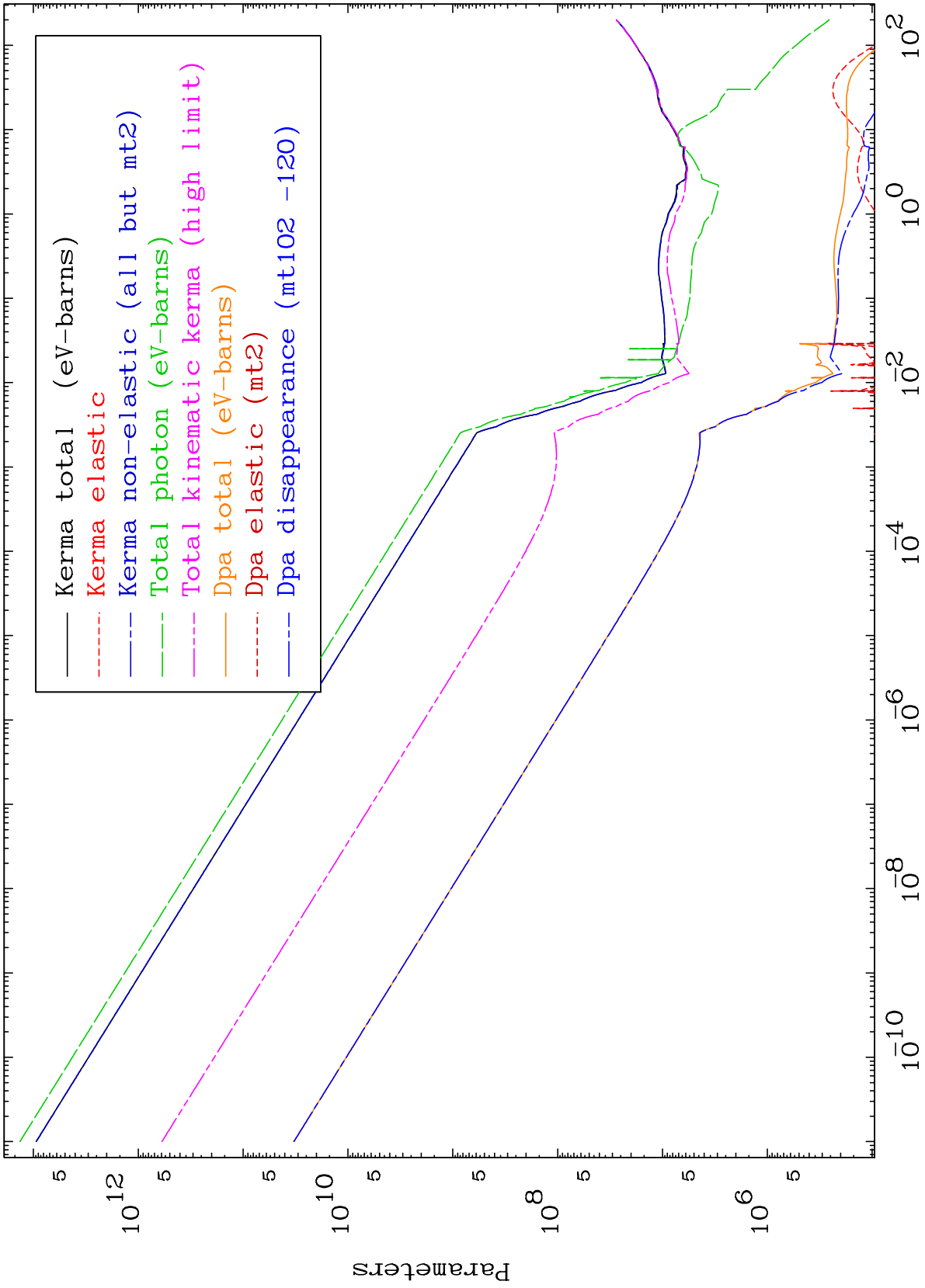
MAT 1422

(n, α) Levels
293 Kelvin Cross Sections

14-Si-27



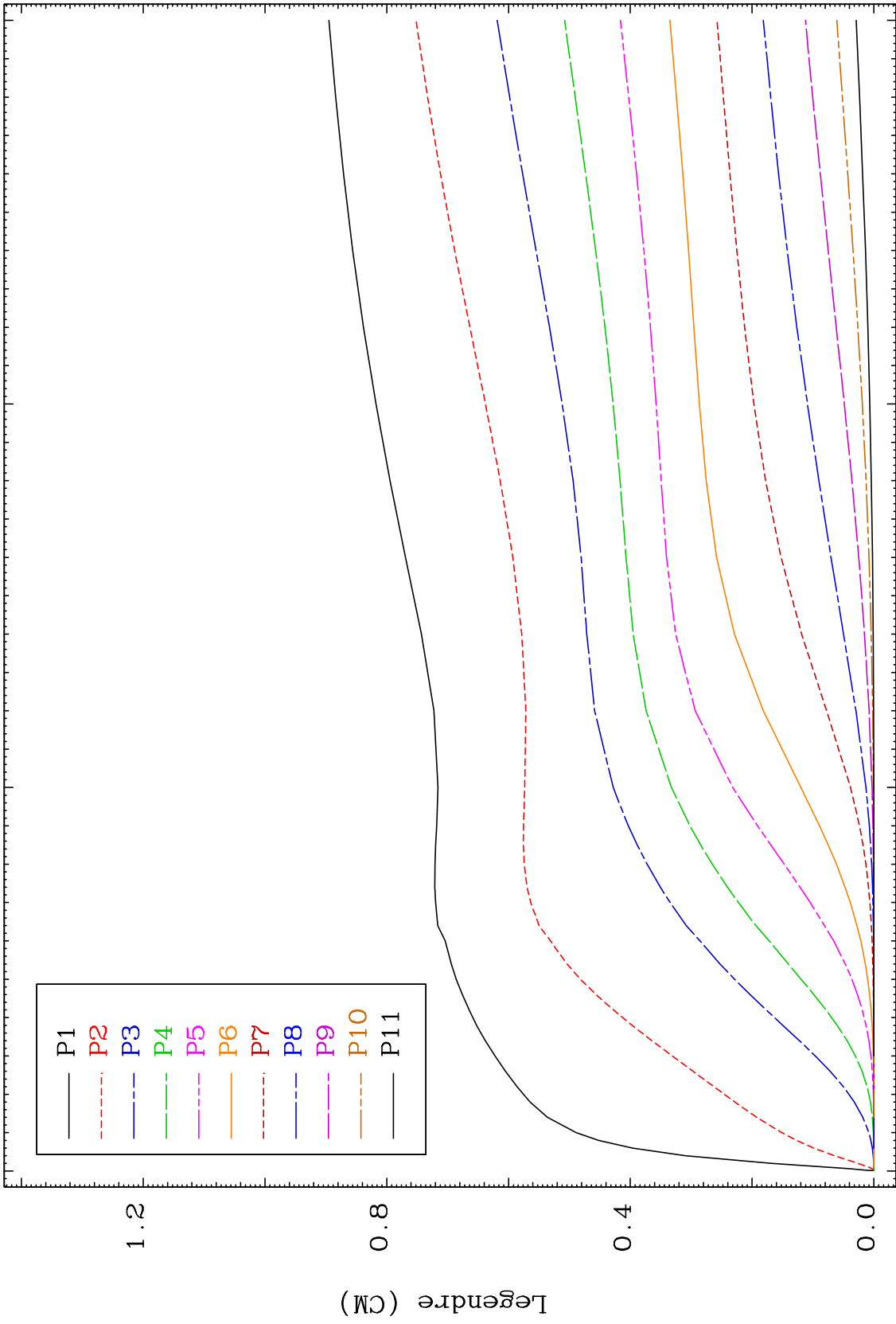
— (n, α)



MAT 1422

Elastic Legendre Coefficients

¹⁴Si-27



14

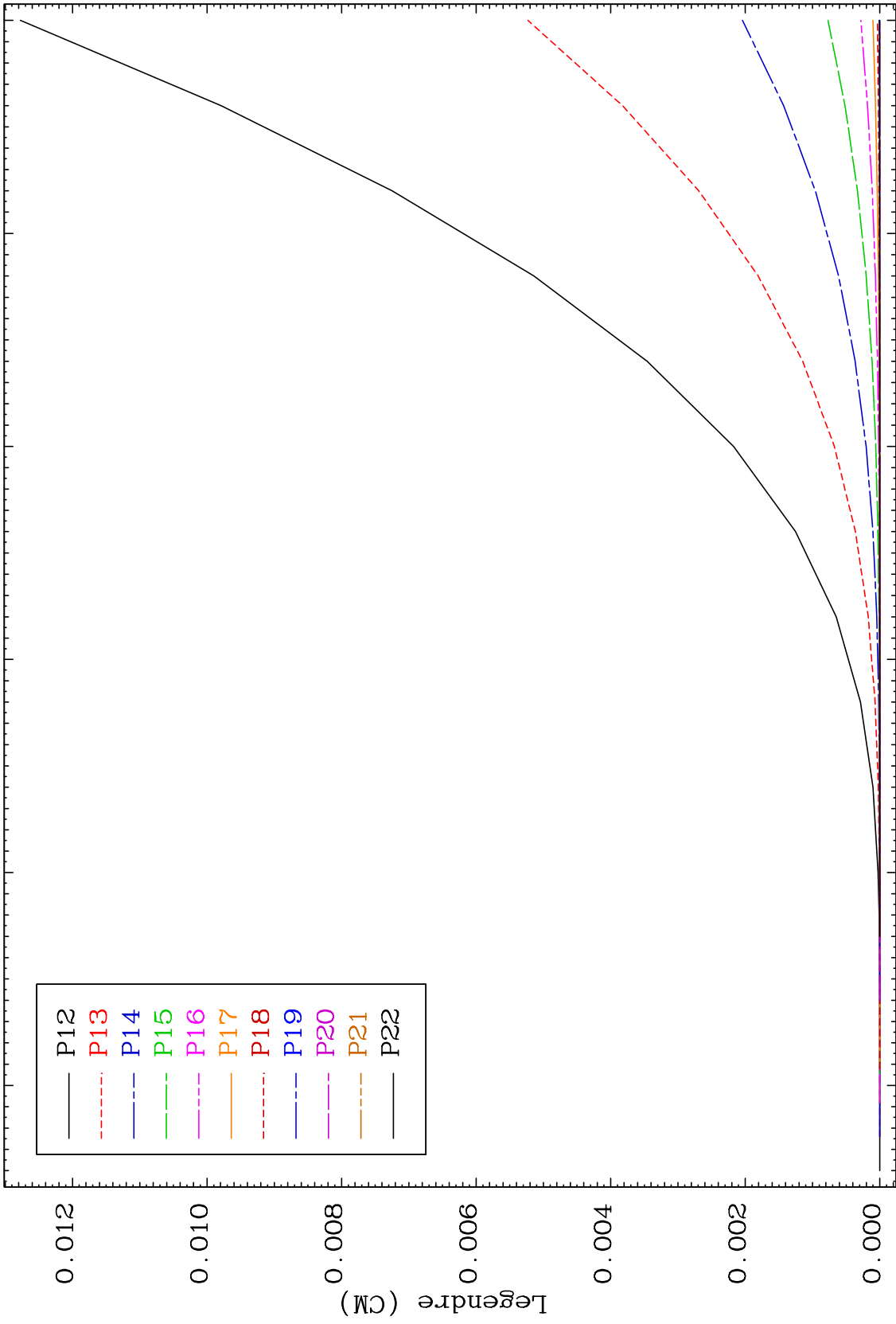
Incident Energy (MeV)

¹⁴Si-27

MAT 1422

Elastic Legendre Coefficients

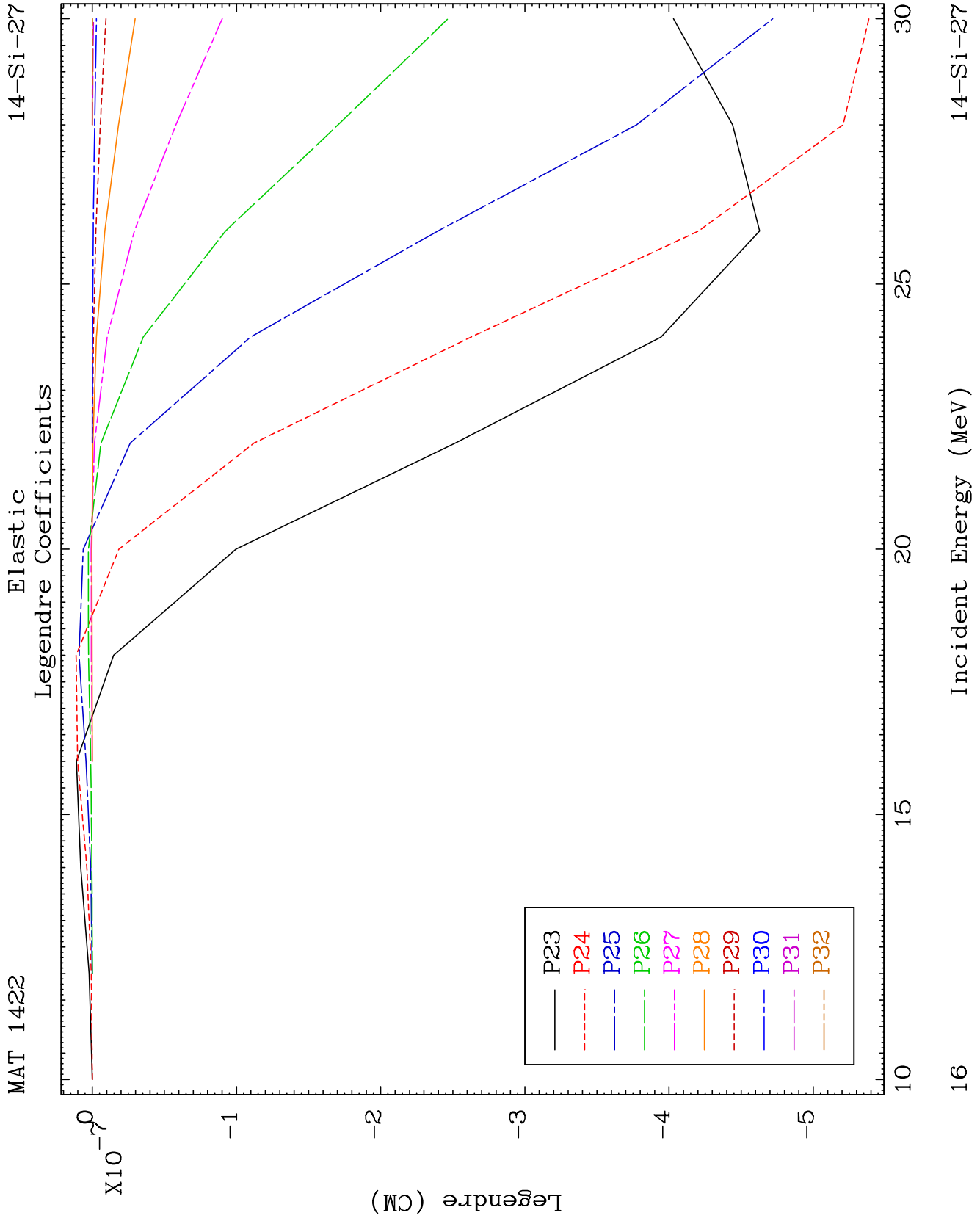
¹⁴Si-27



15

Incident Energy (MeV)

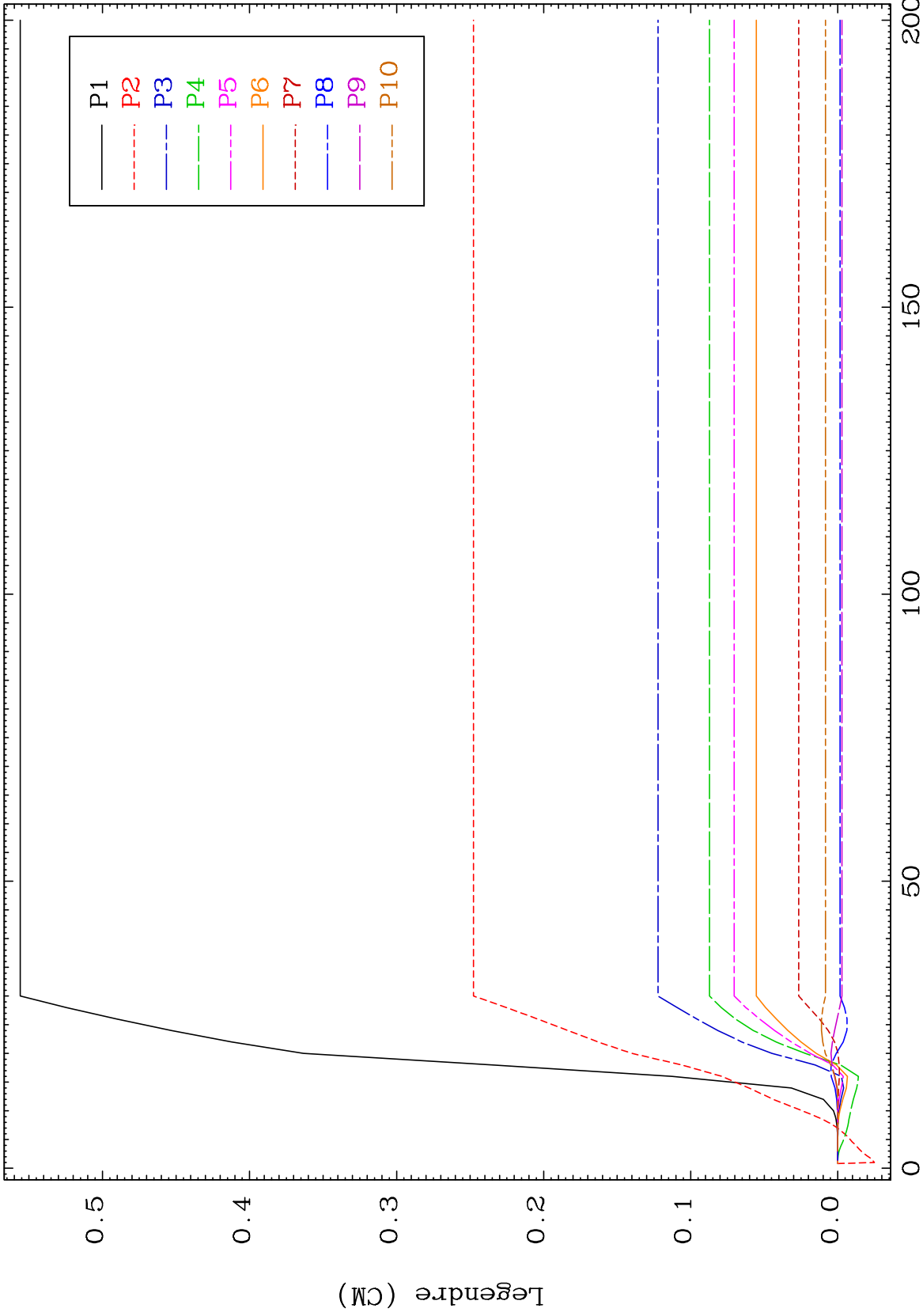
¹⁴Si-27



MAT 1422

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

14-Si-27



17

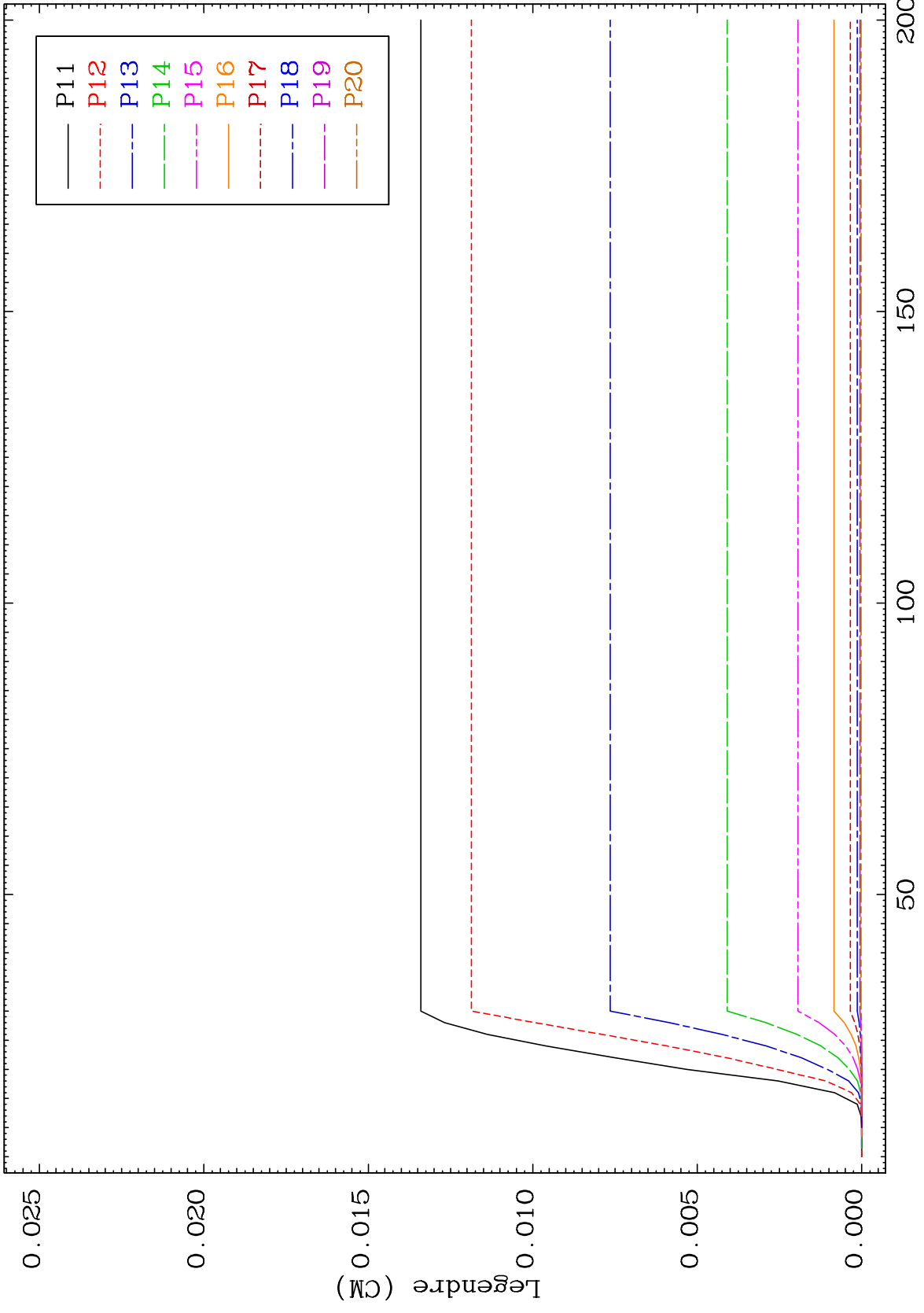
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



18

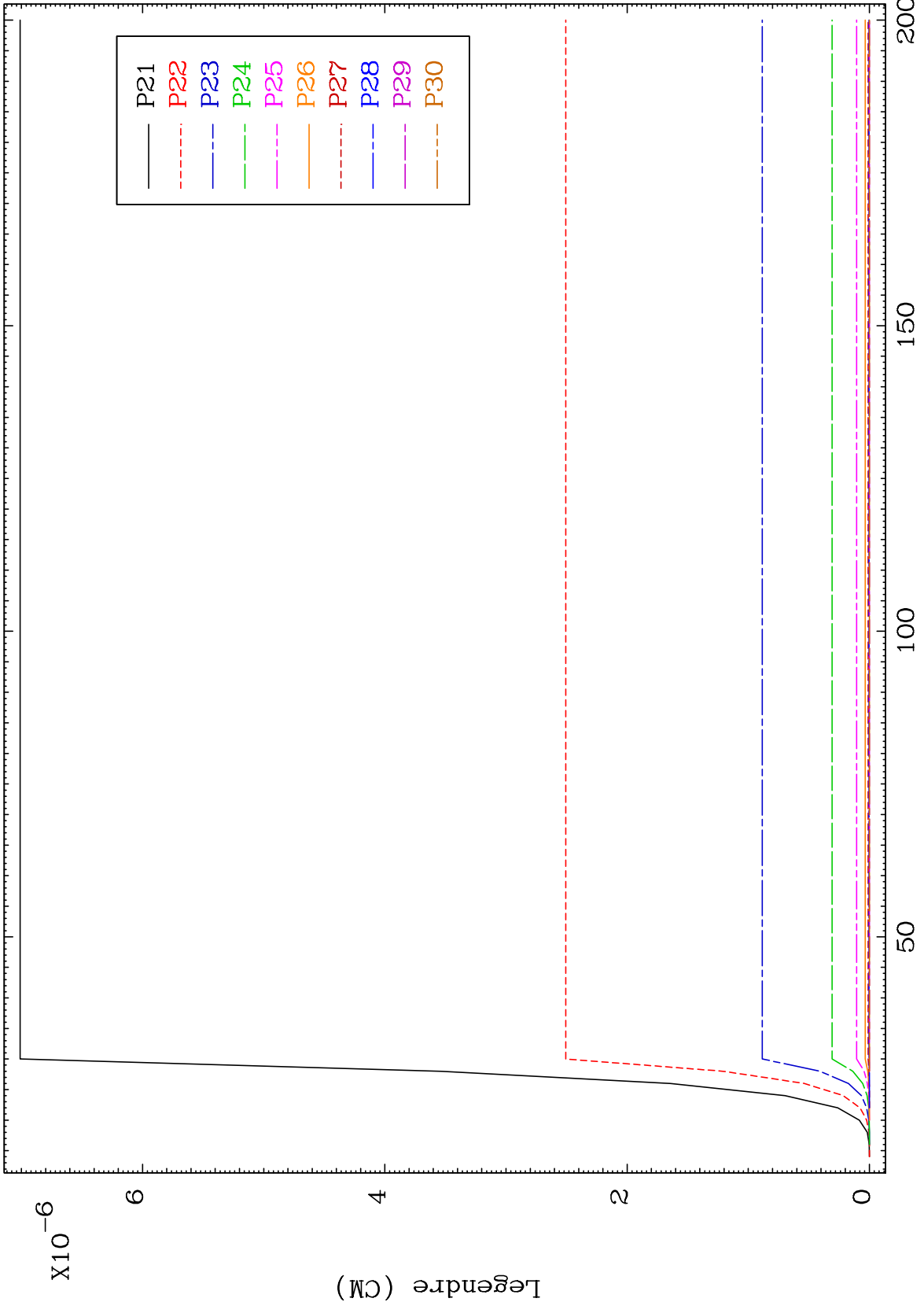
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



19

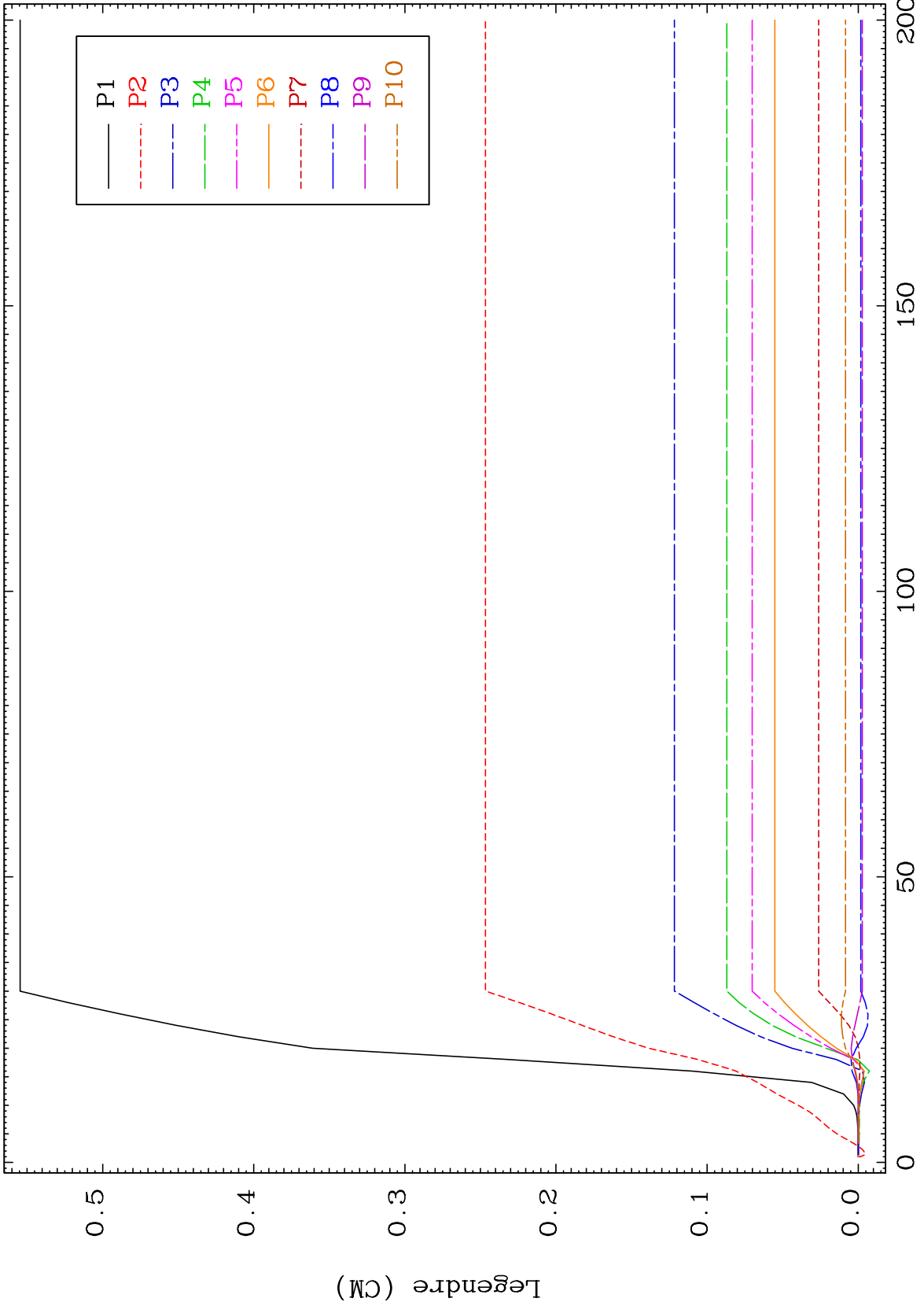
Incident Energy (MeV)

14-Si-27

MAT 1422

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

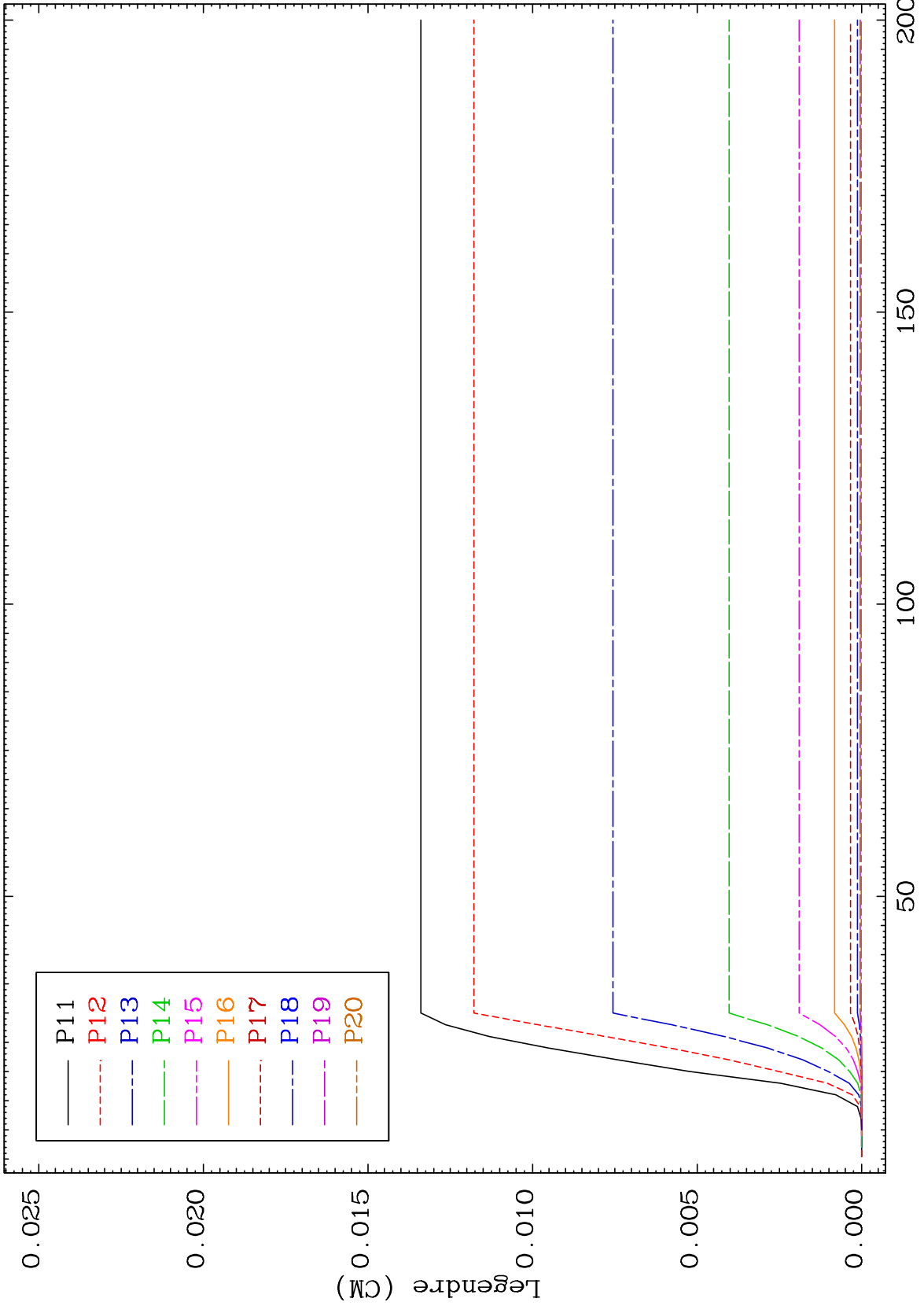
14-Si-27



MAT 1422

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

14-Si-27



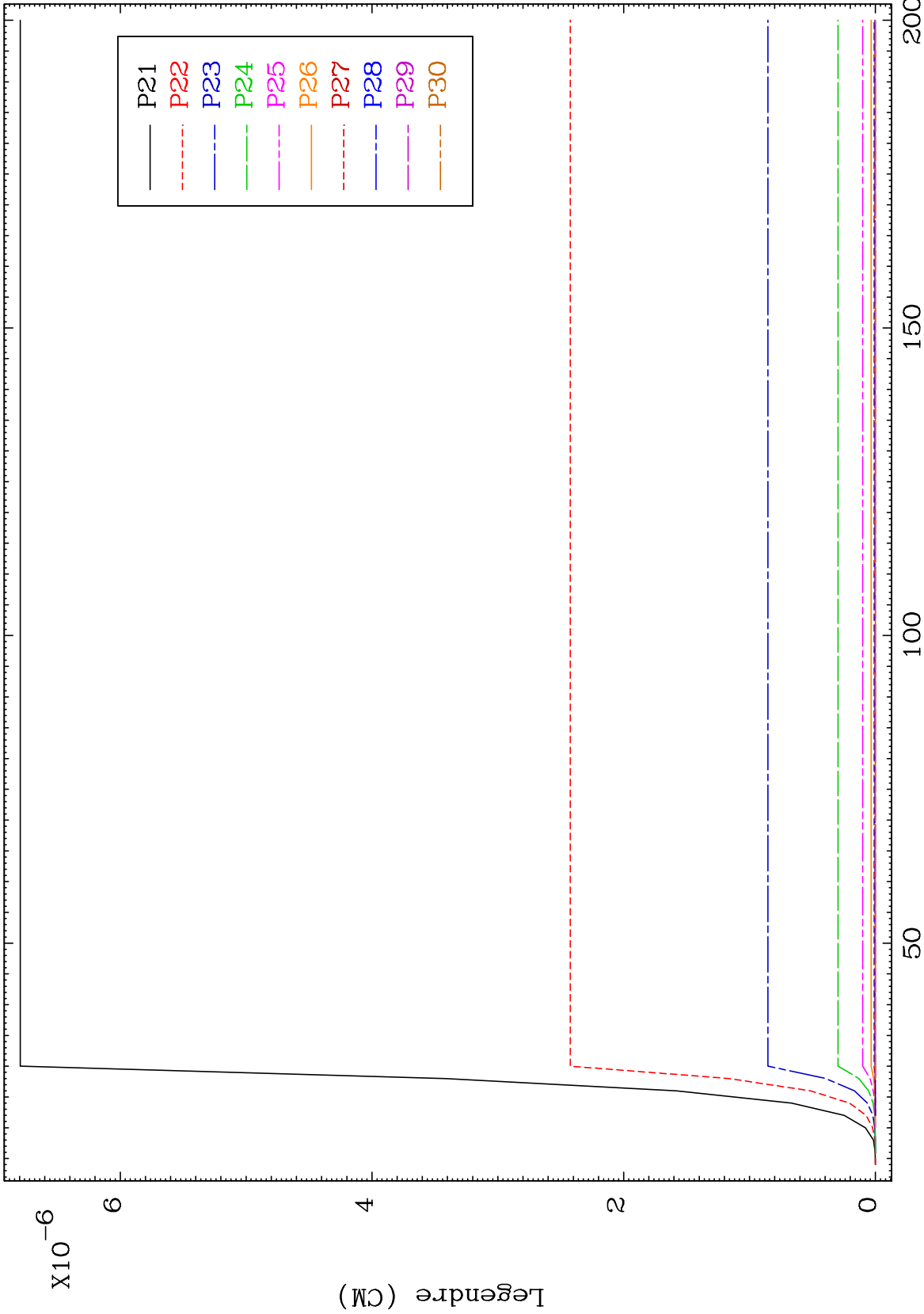
21

14-Si-27

MAT 1422

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

14-Si-27



22

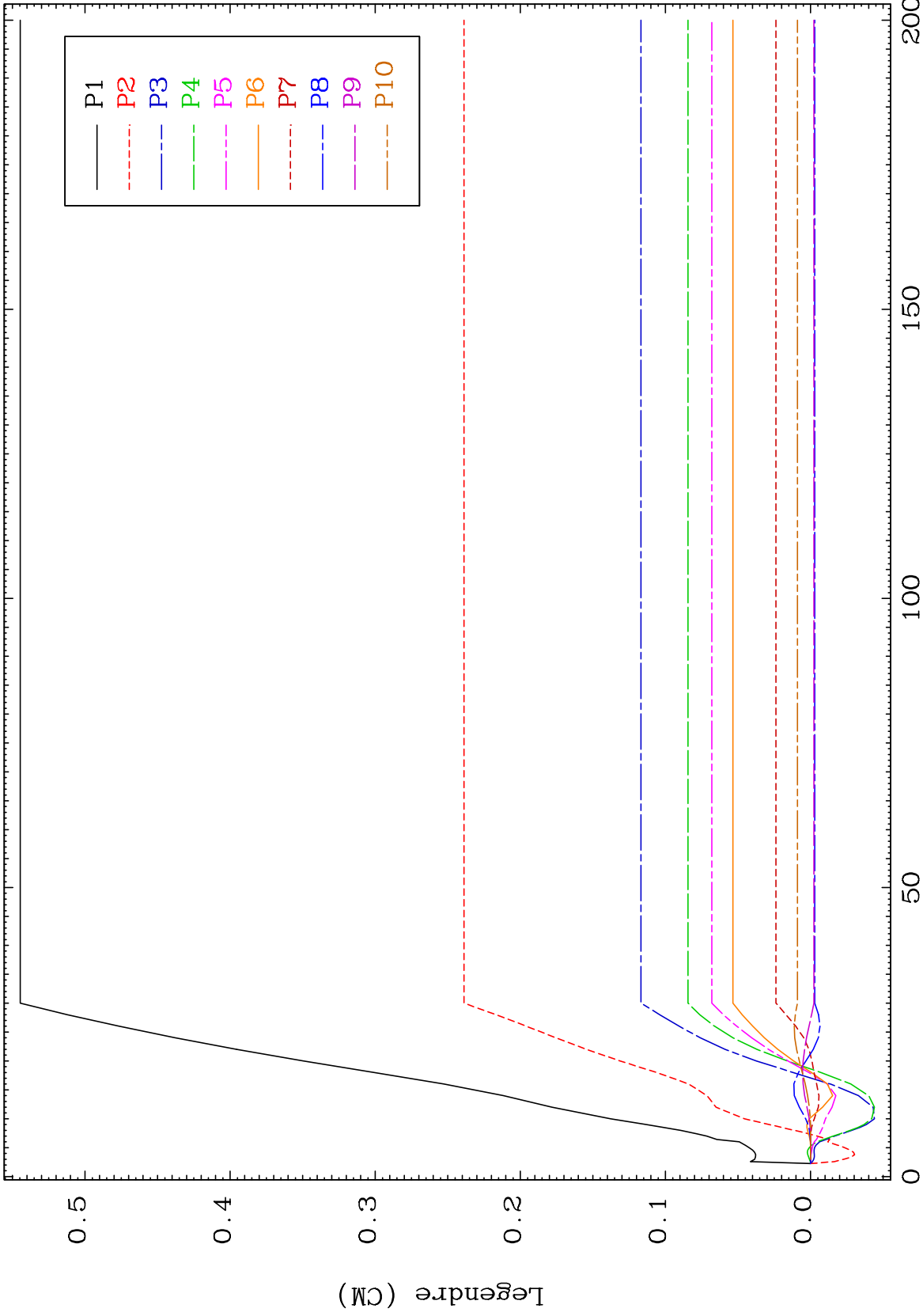
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



23

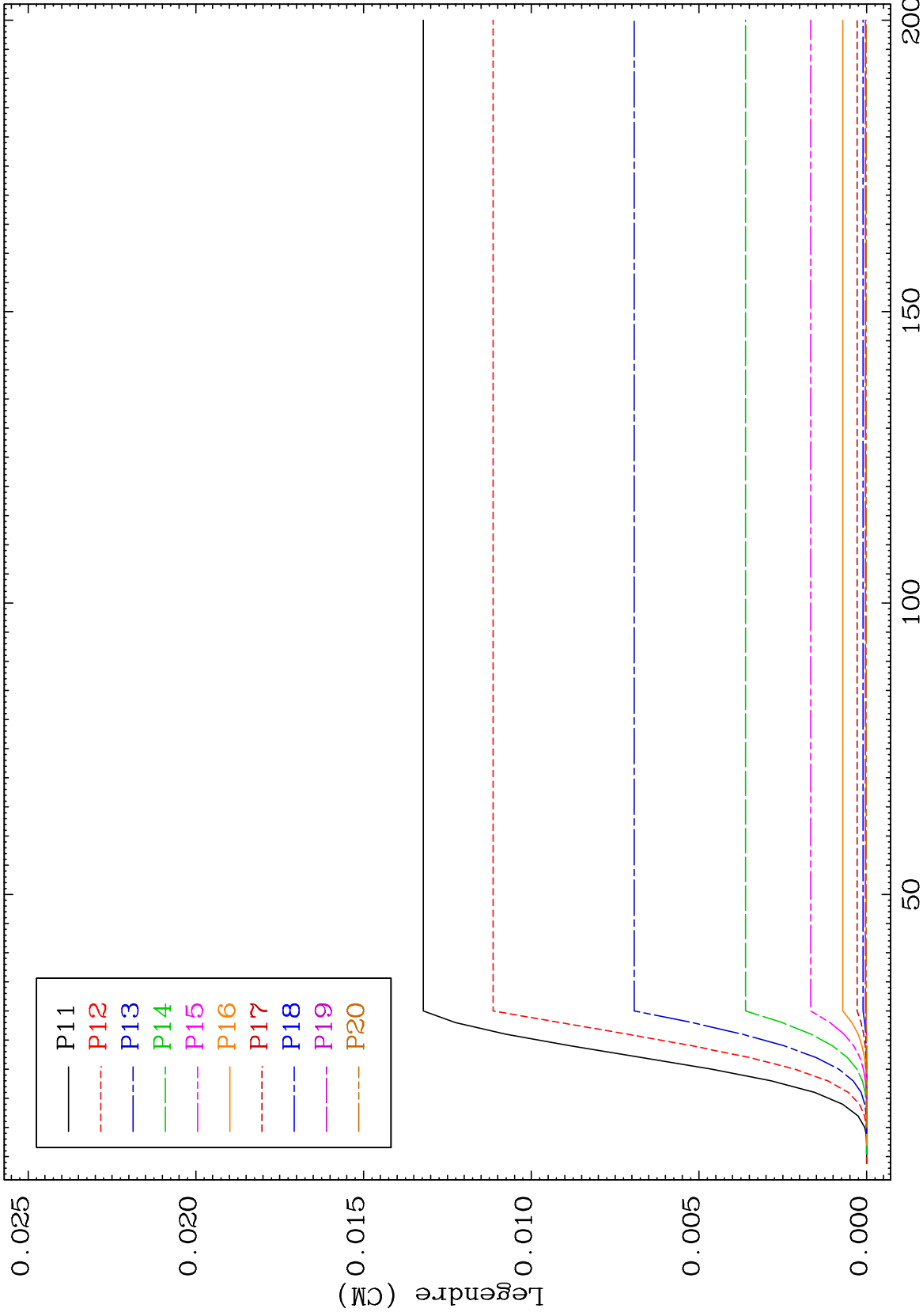
Incident Energy (MeV)

14-Si-27

MAT 1422

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

¹⁴Si-27

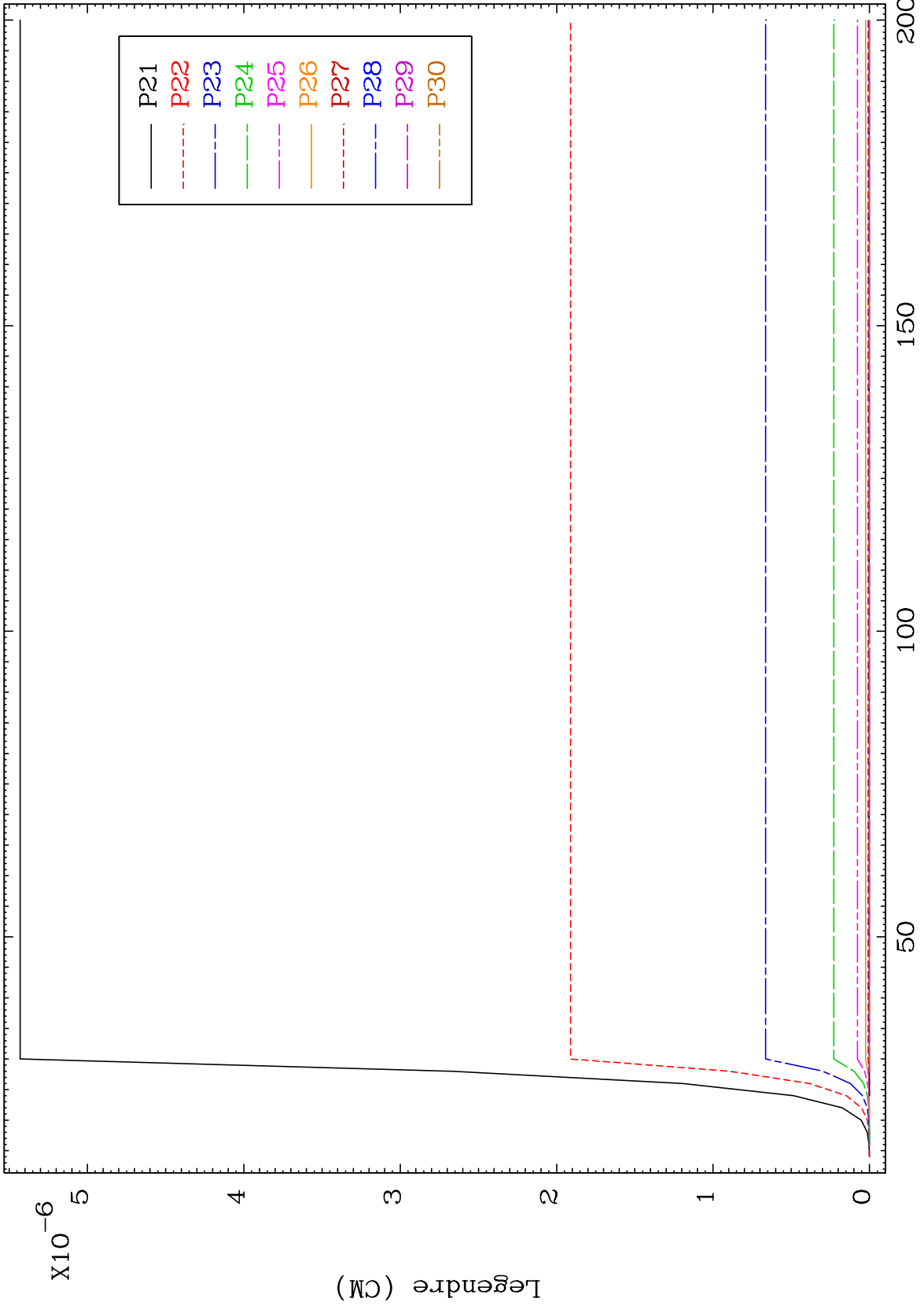


24

MAT 1422

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

14-Si-27



25

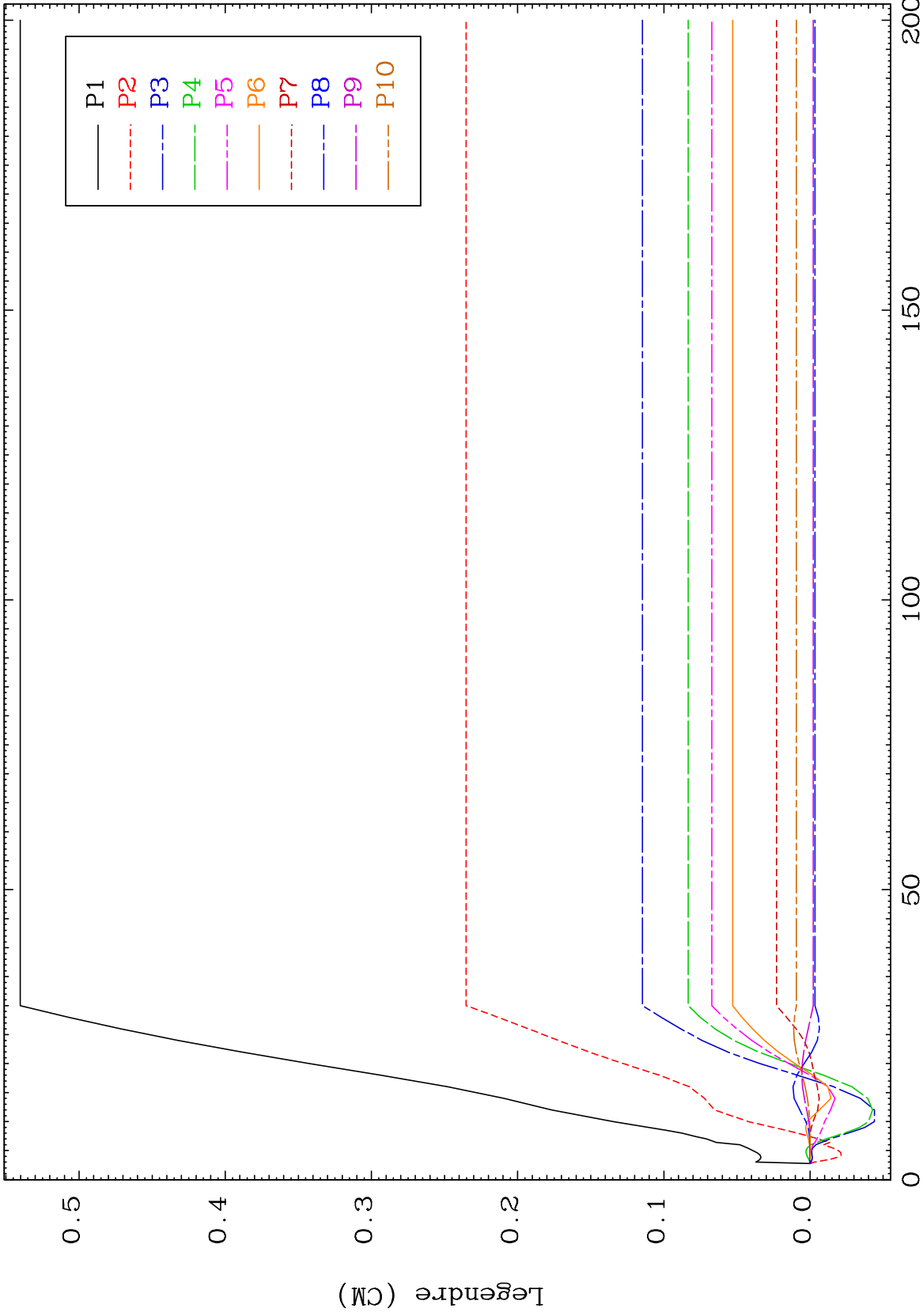
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



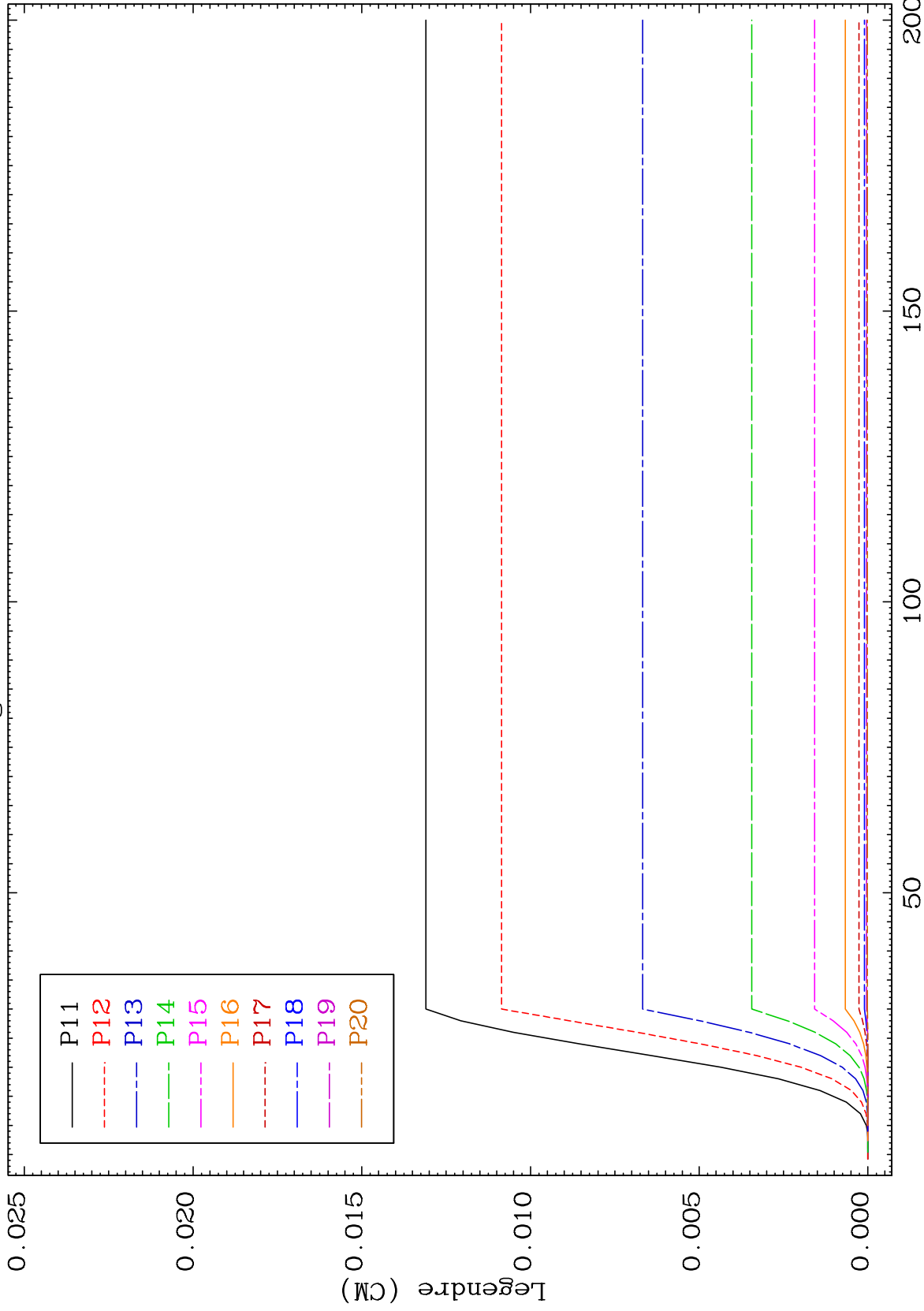
26

14-Si-27

MAT 1422

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

14-Si-27

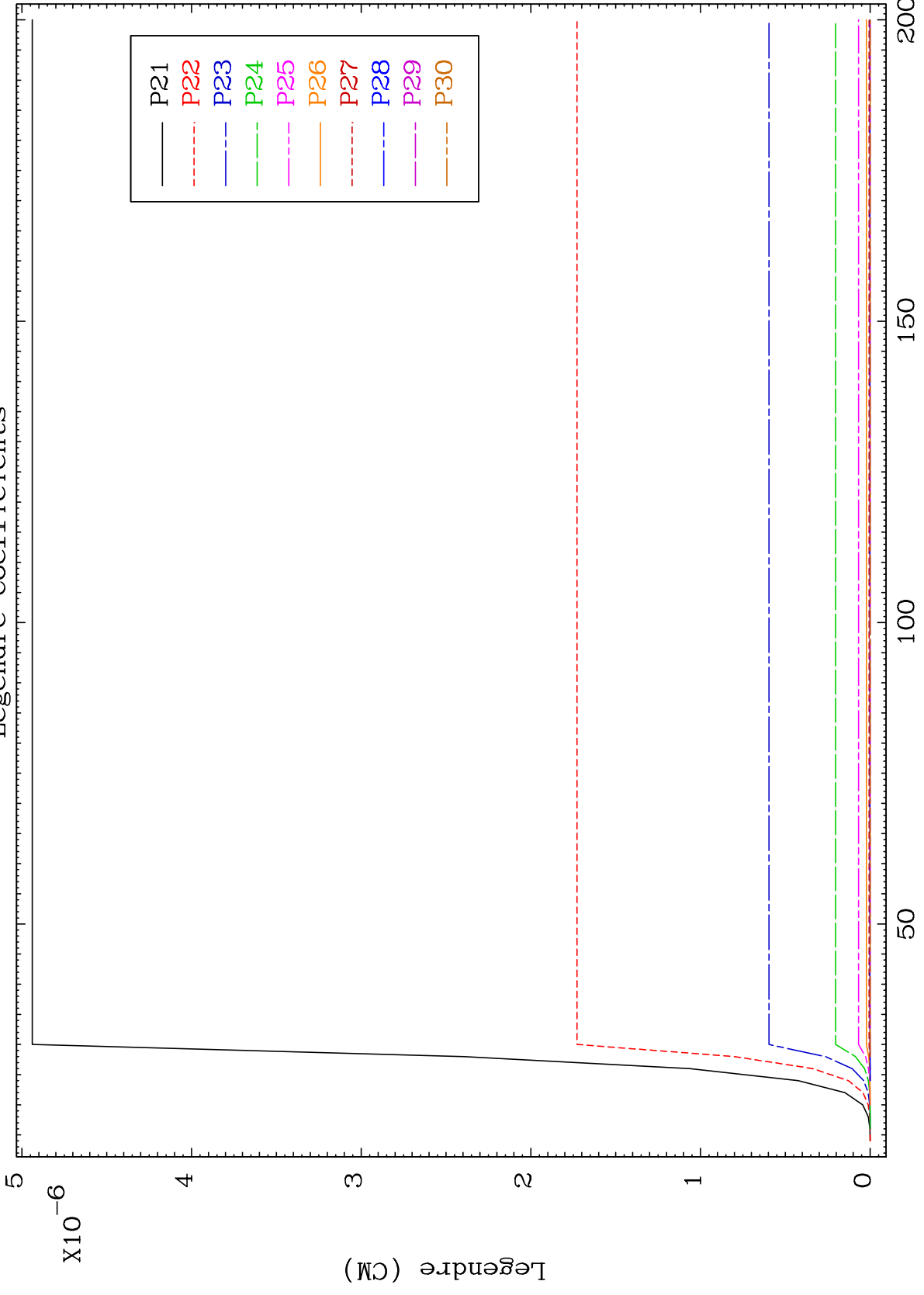


27

Incident Energy (MeV)

14-Si-27

MAT 1422 MT= 54 (n,n') Level Legendre Coefficients 14-Si-27

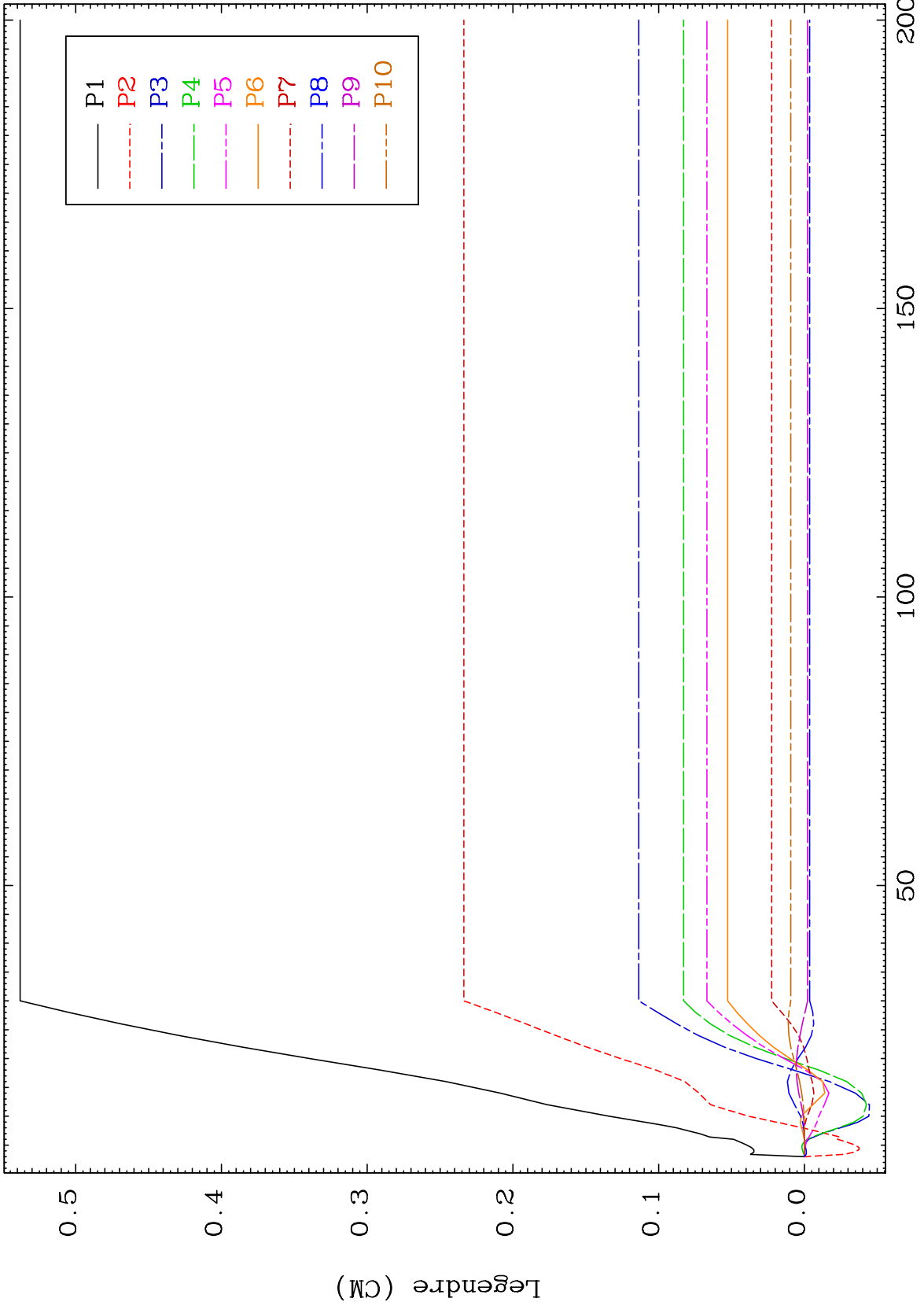


28 50 100 150 200 14-Si-27

MAT 1422

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

14-Si-27



29

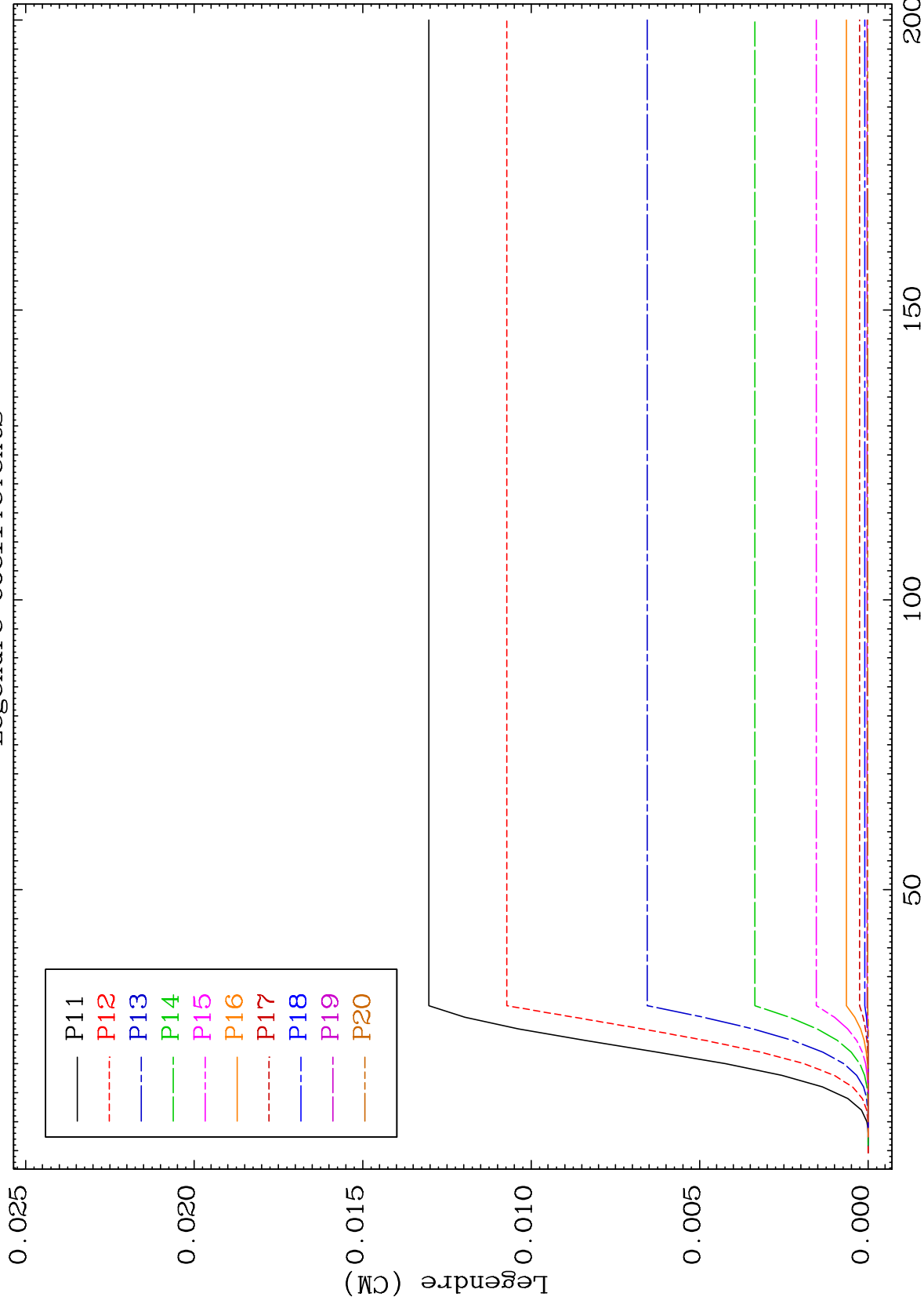
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



30

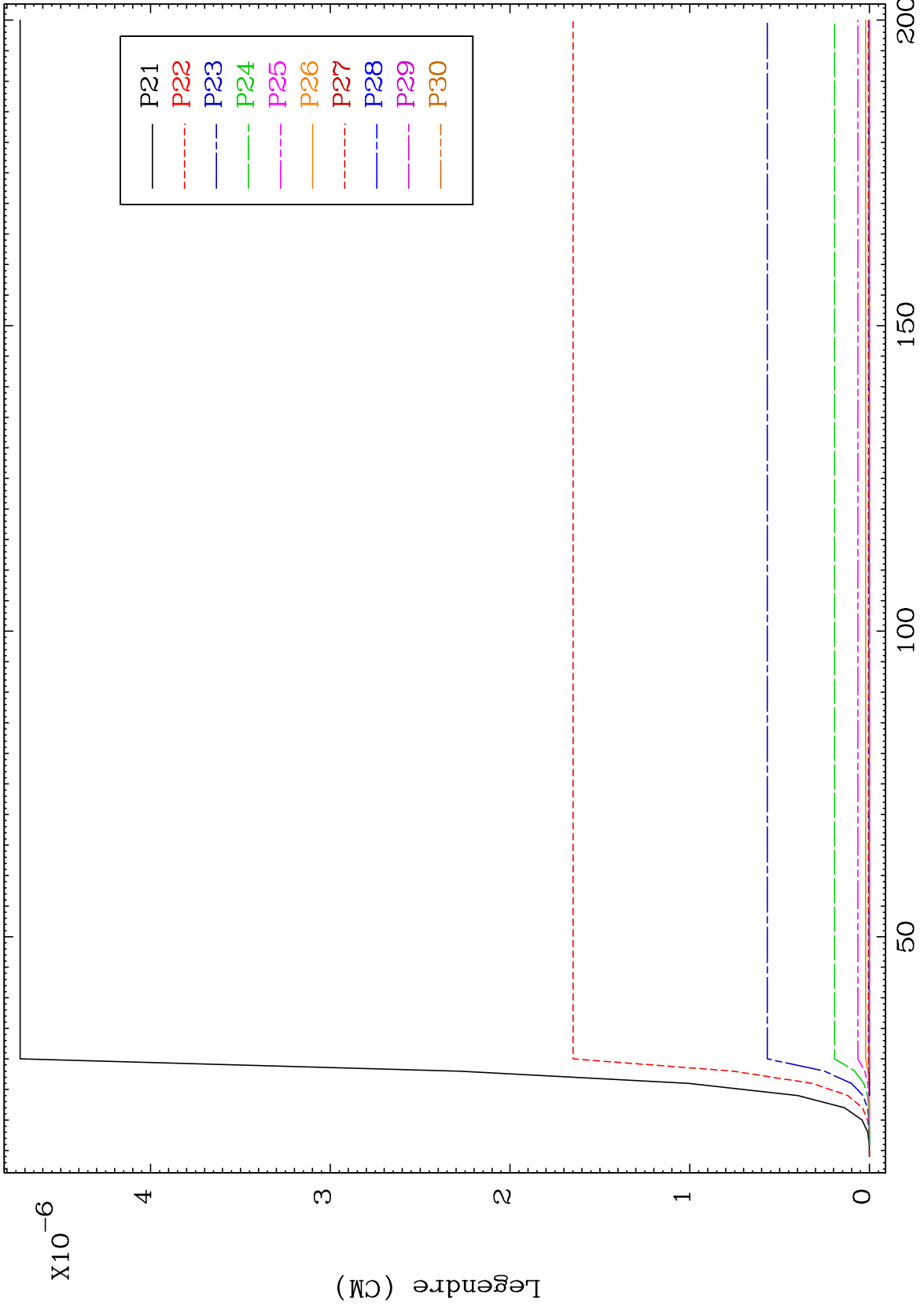
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



31

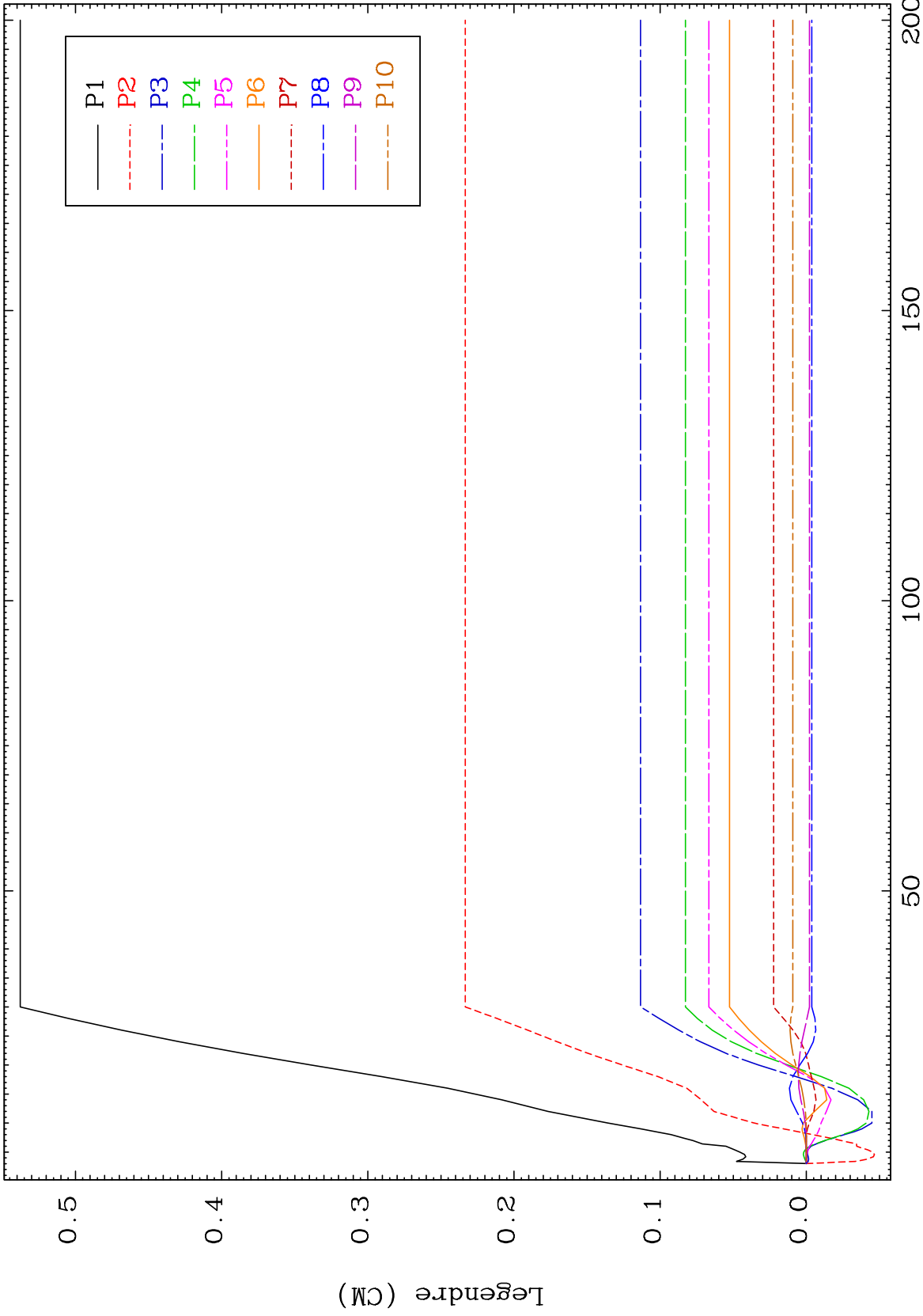
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



32

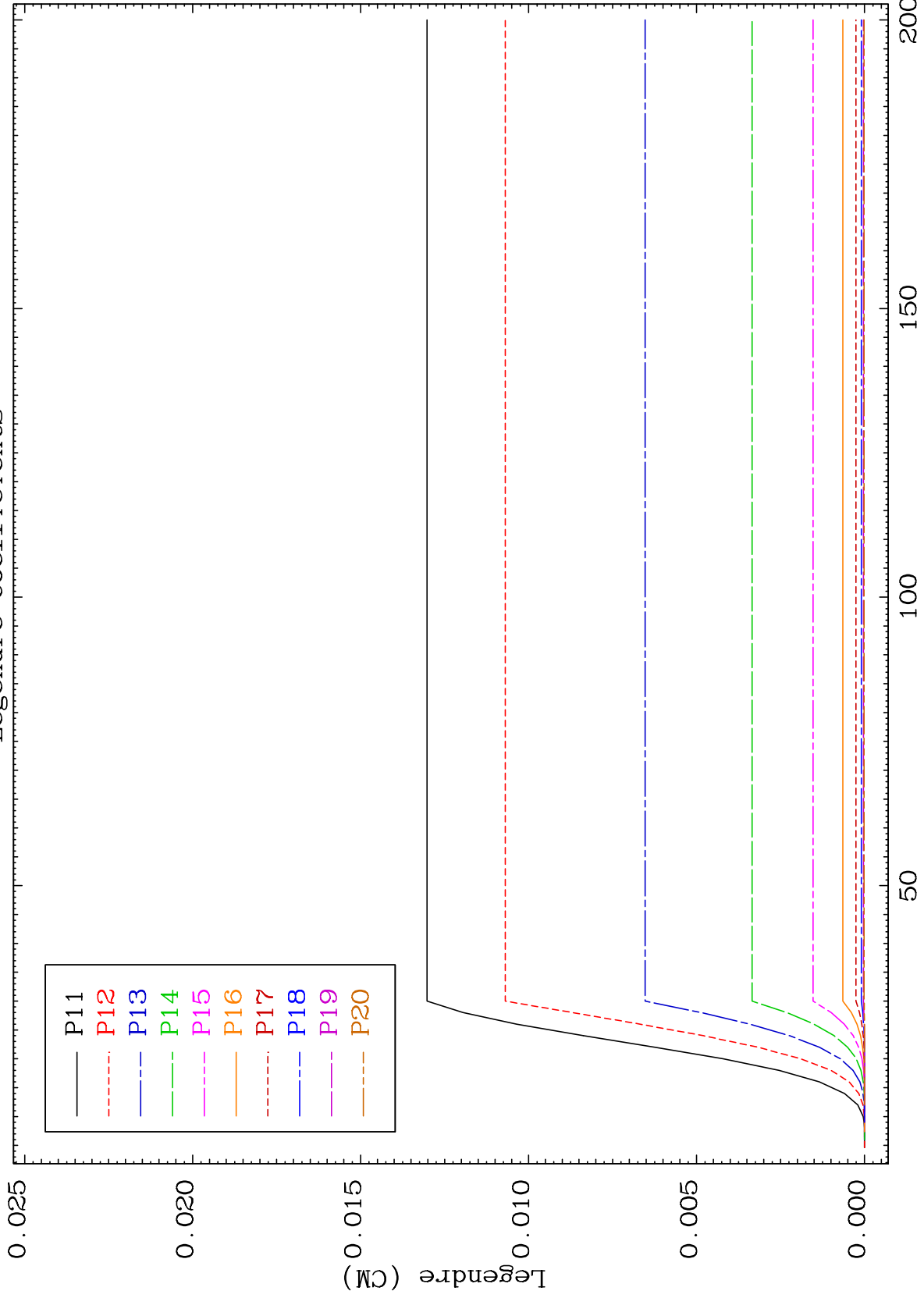
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



33

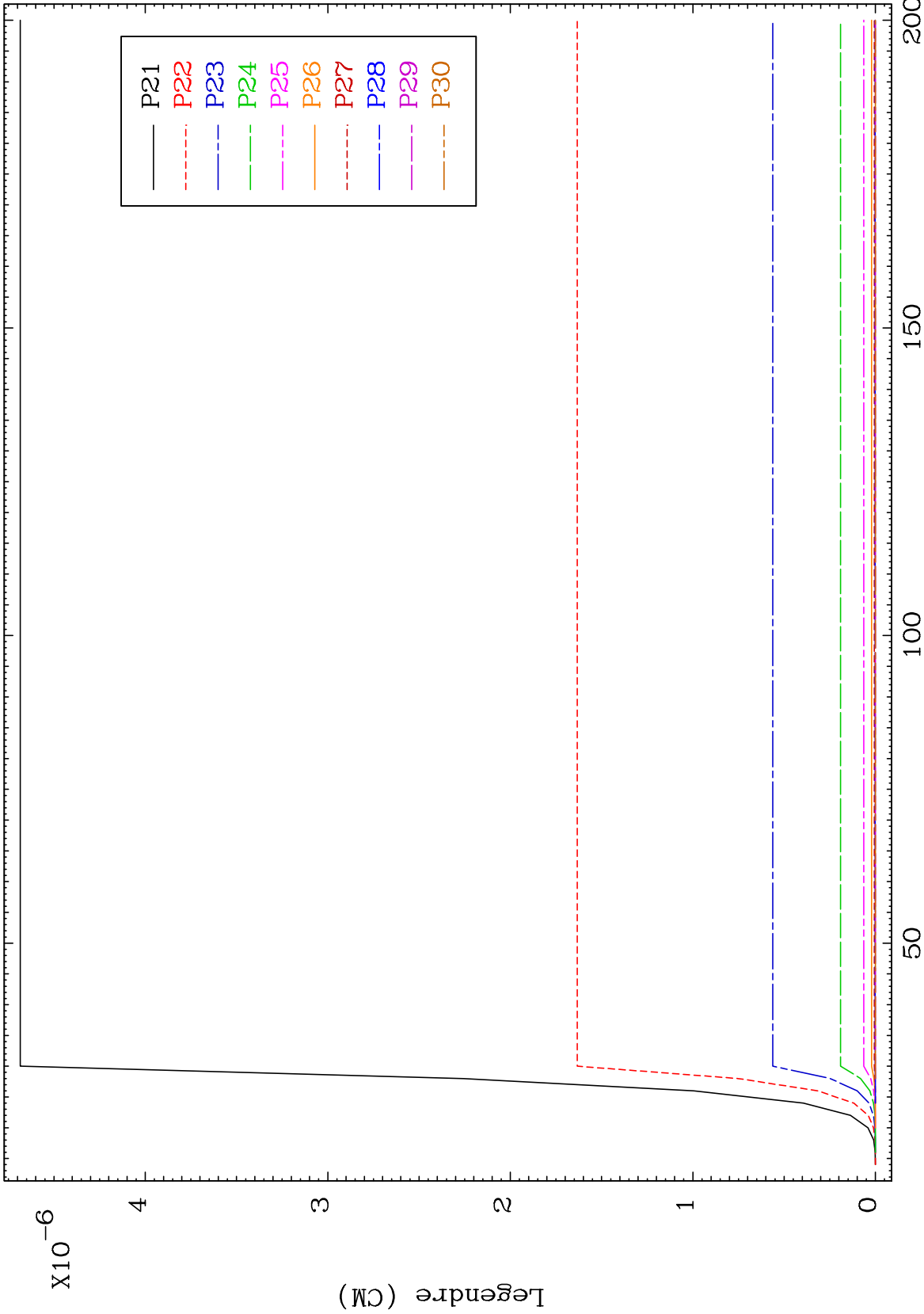
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



34

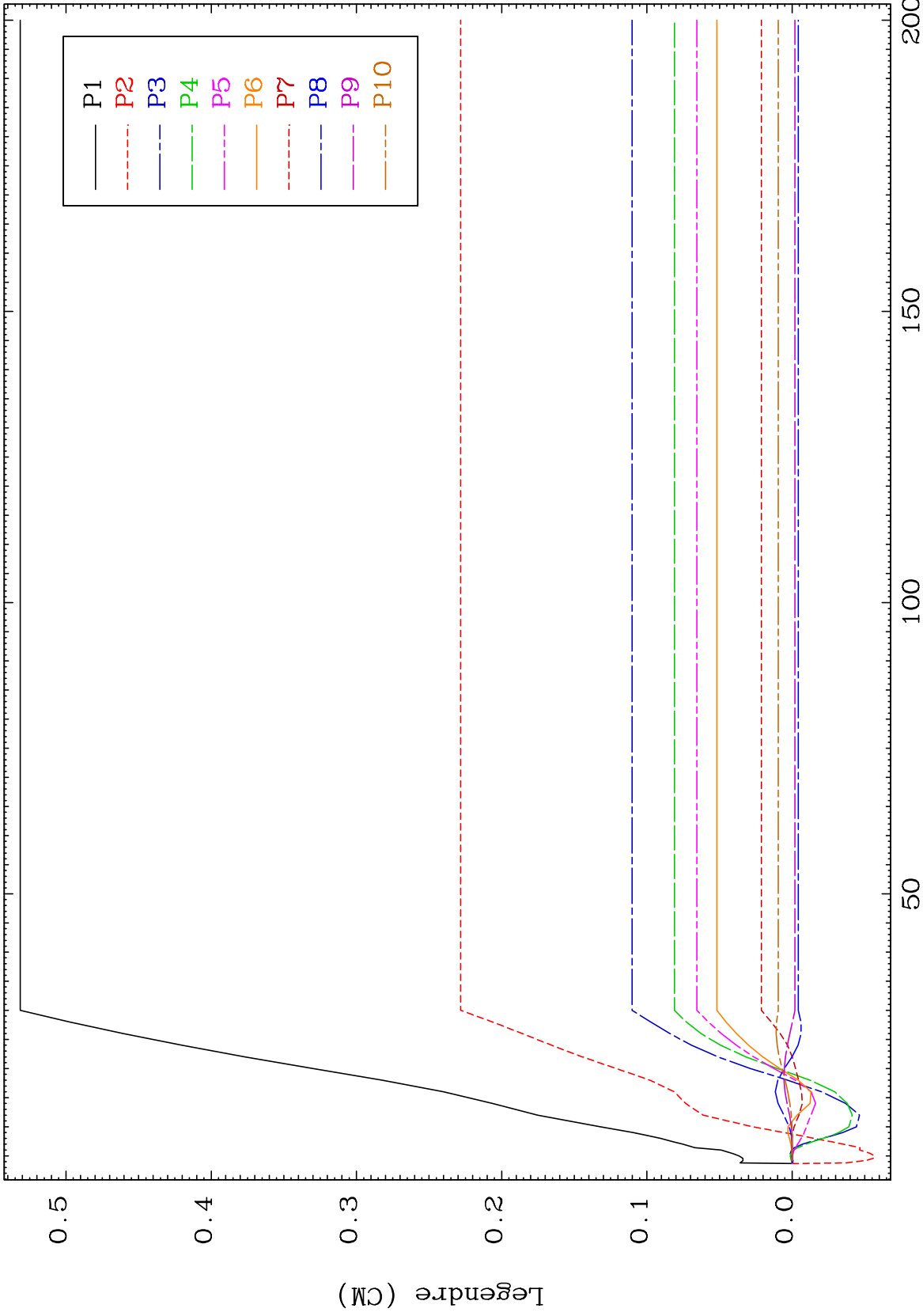
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



35

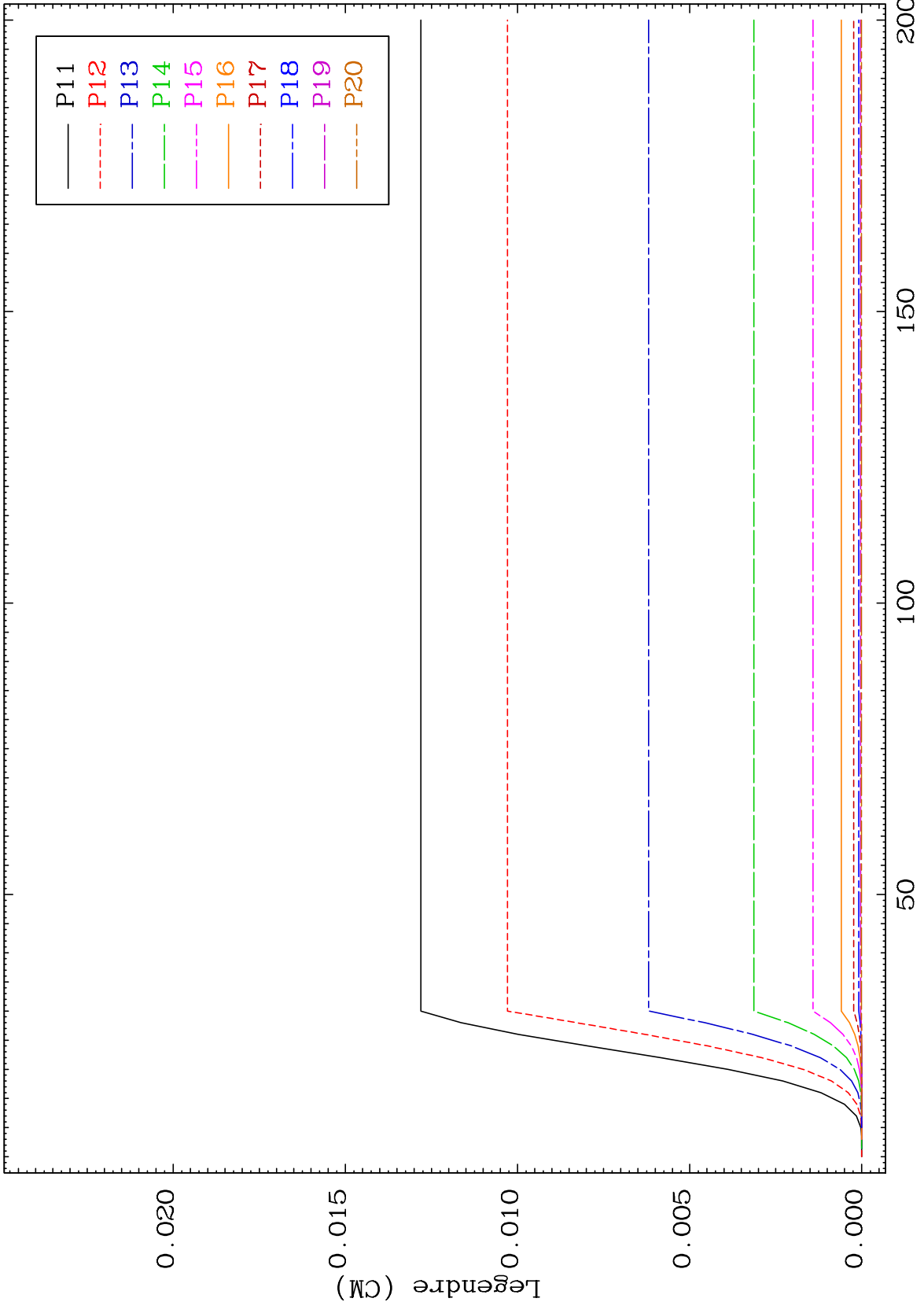
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



36

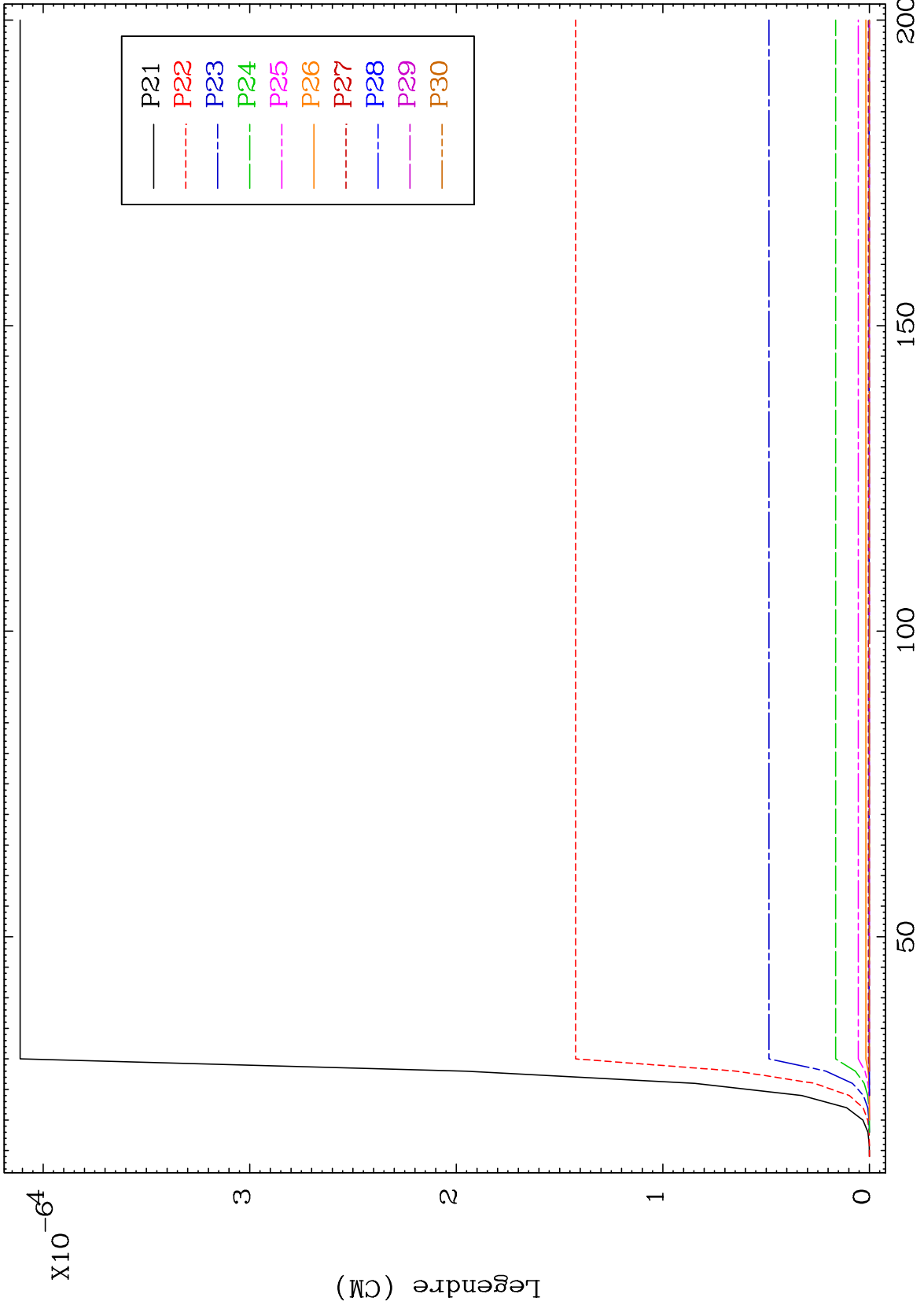
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



37

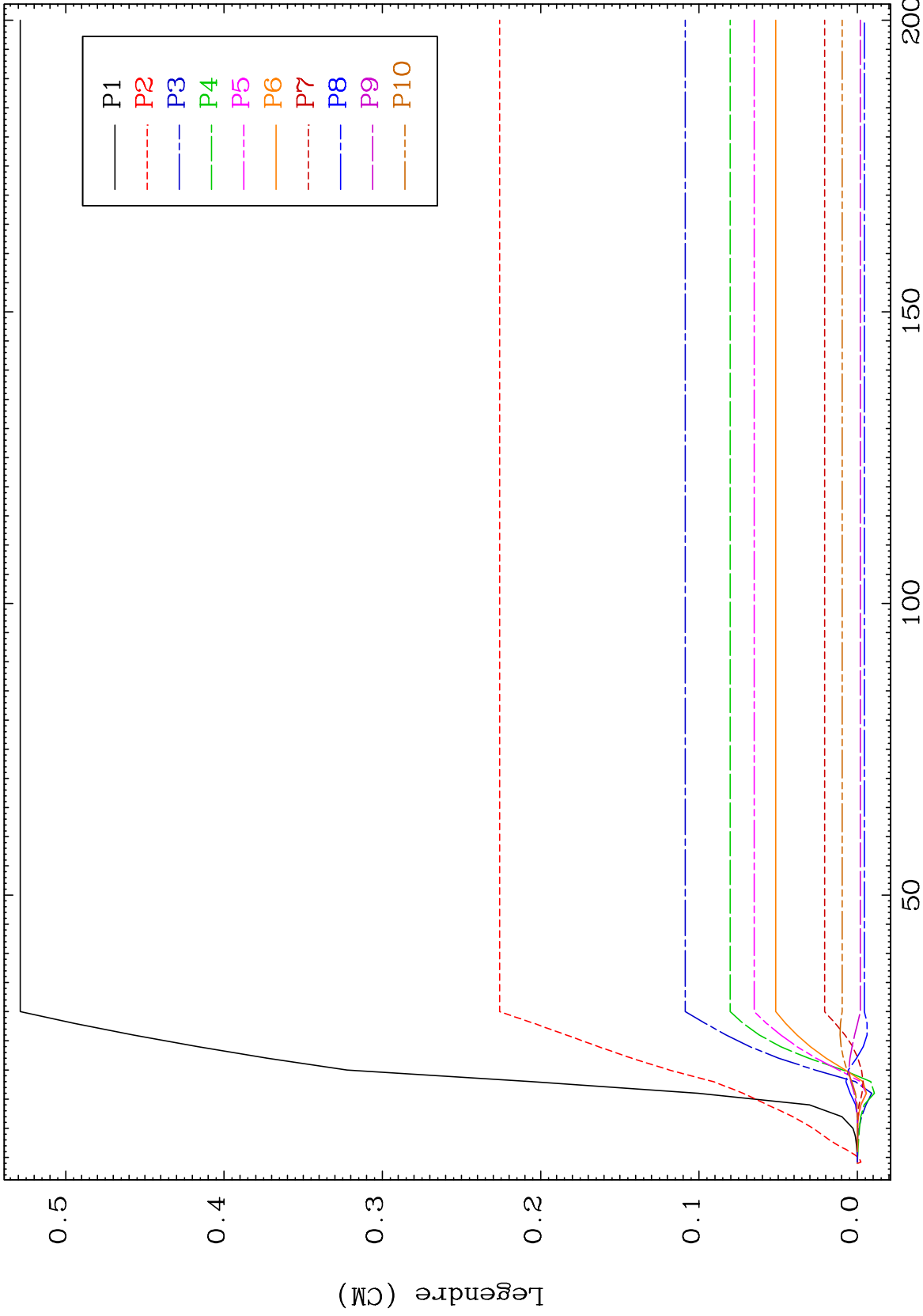
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



38

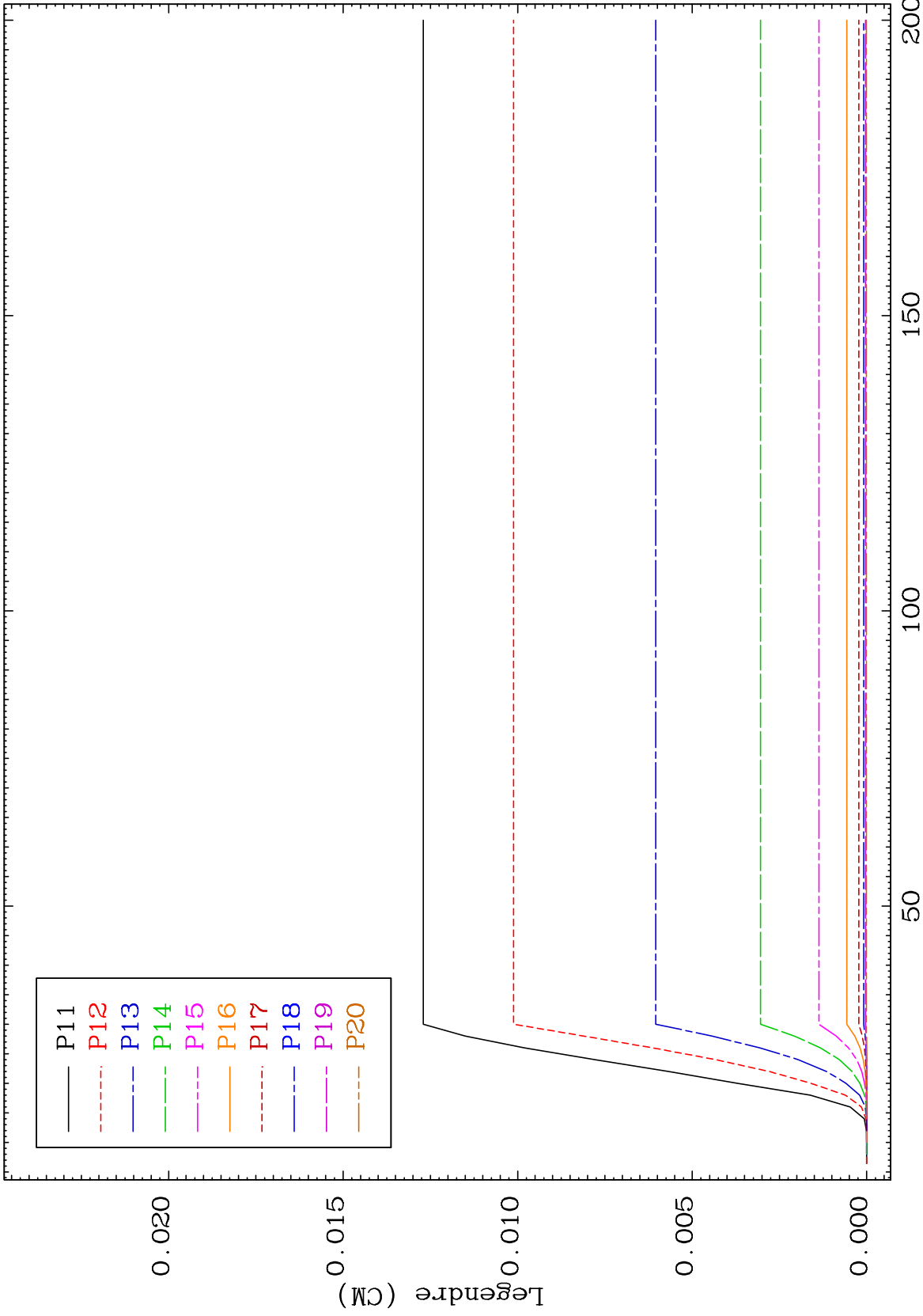
Incident Energy (MeV)

14-Si-27

MAT 1422

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

¹⁴Si-27



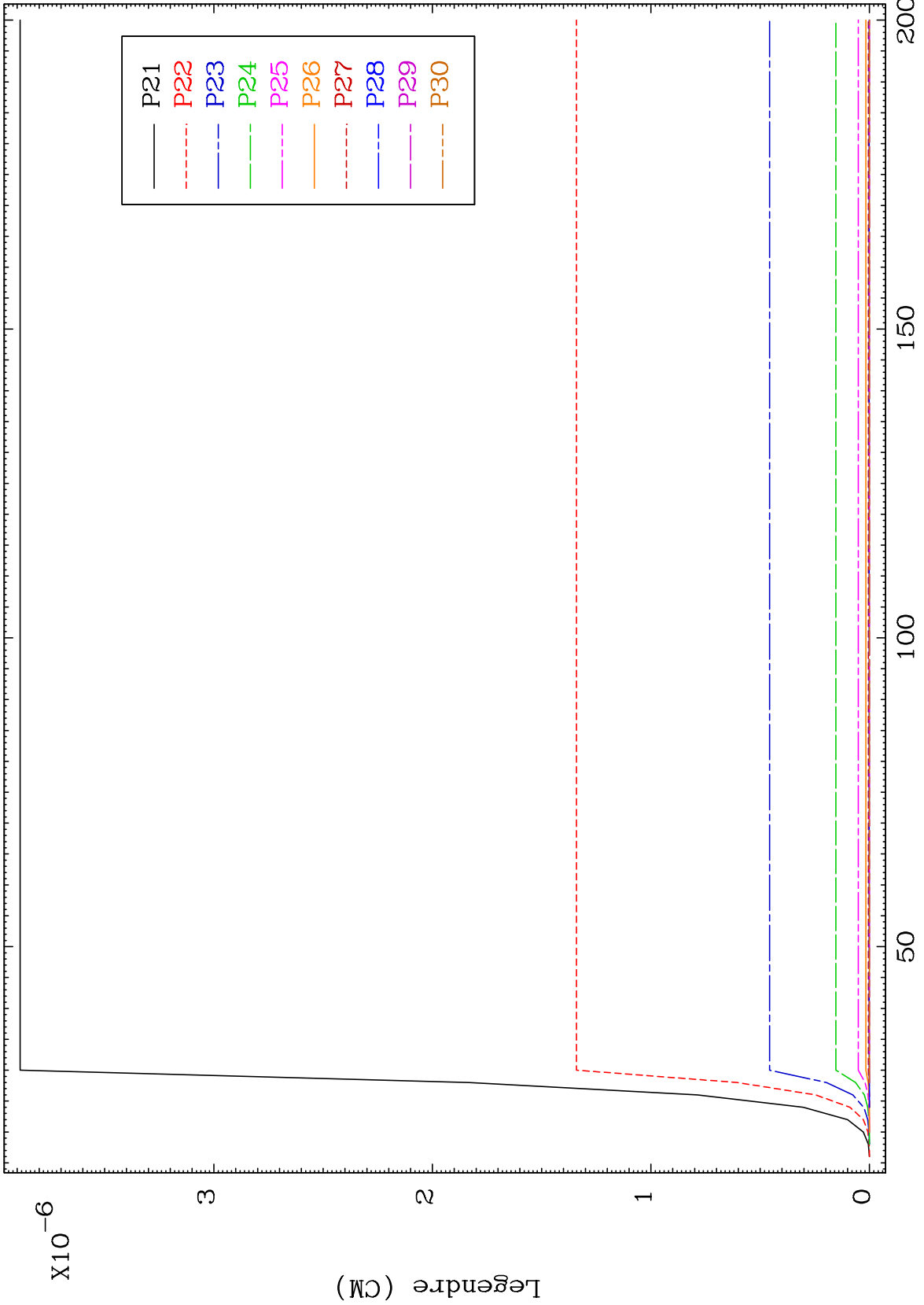
39

¹⁴Si-27

MAT 1422

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

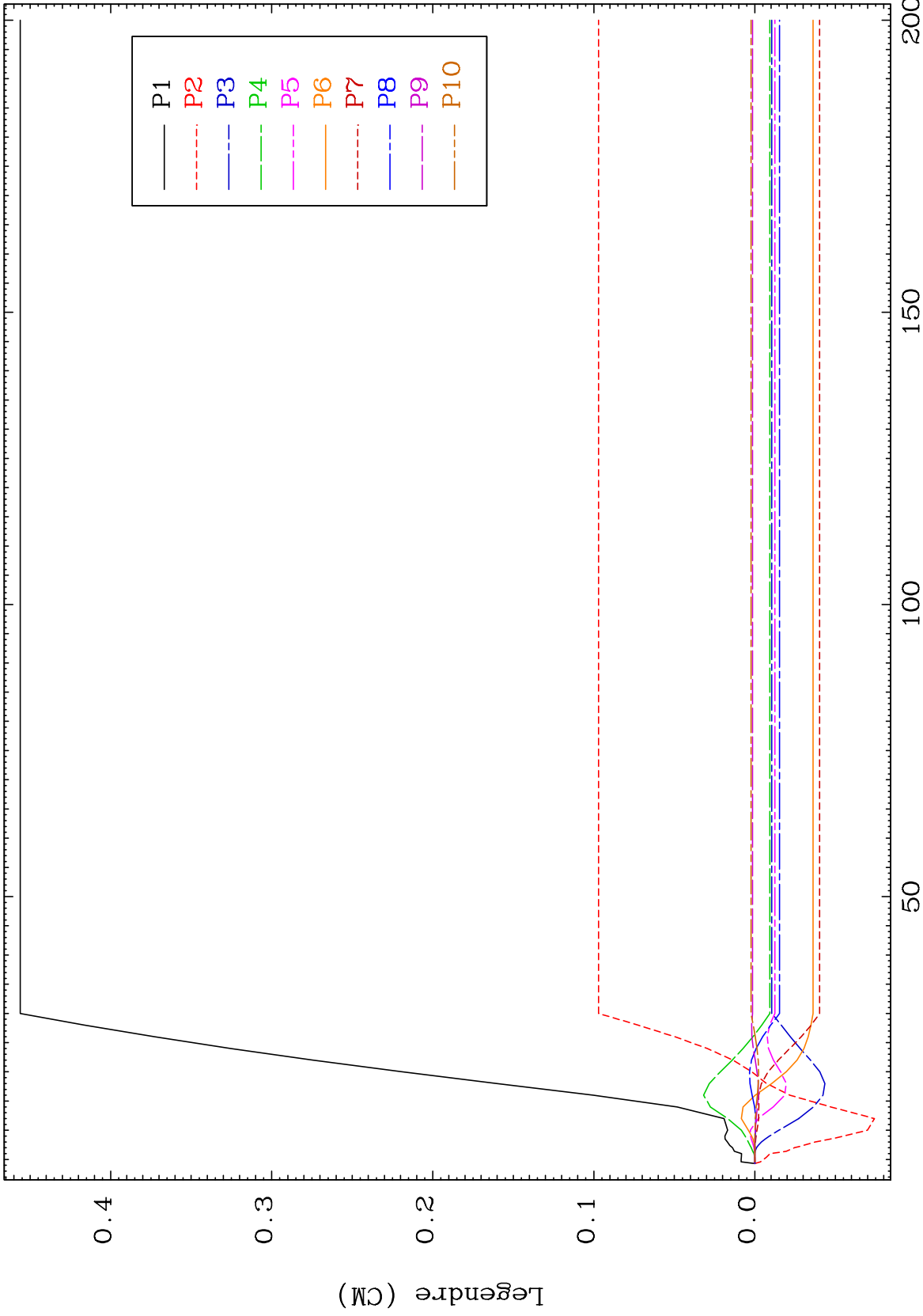
14-Si-27



MAT 1422

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

14-Si-27



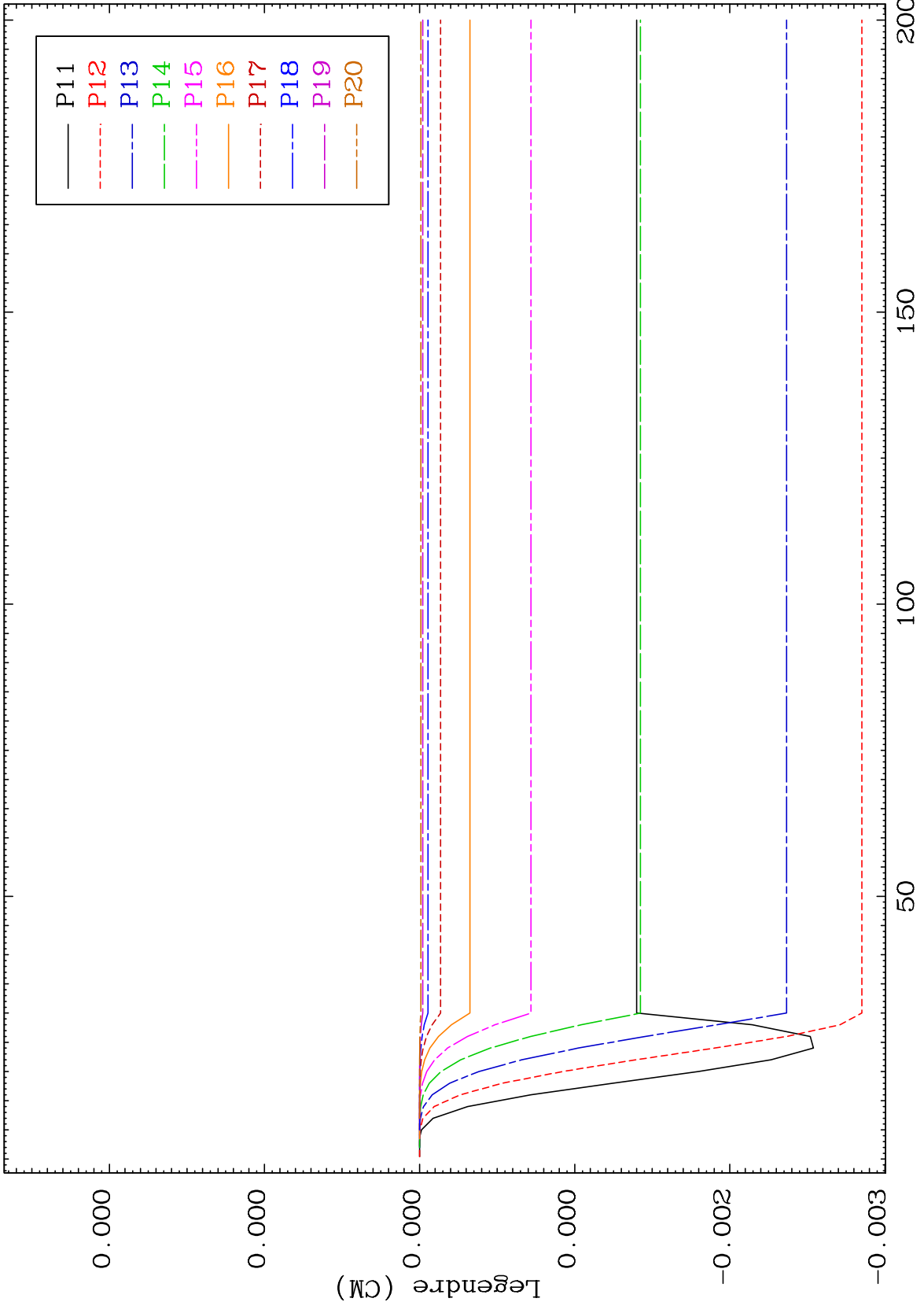
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14-Si-27

MAT 1422

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

14-Si-27

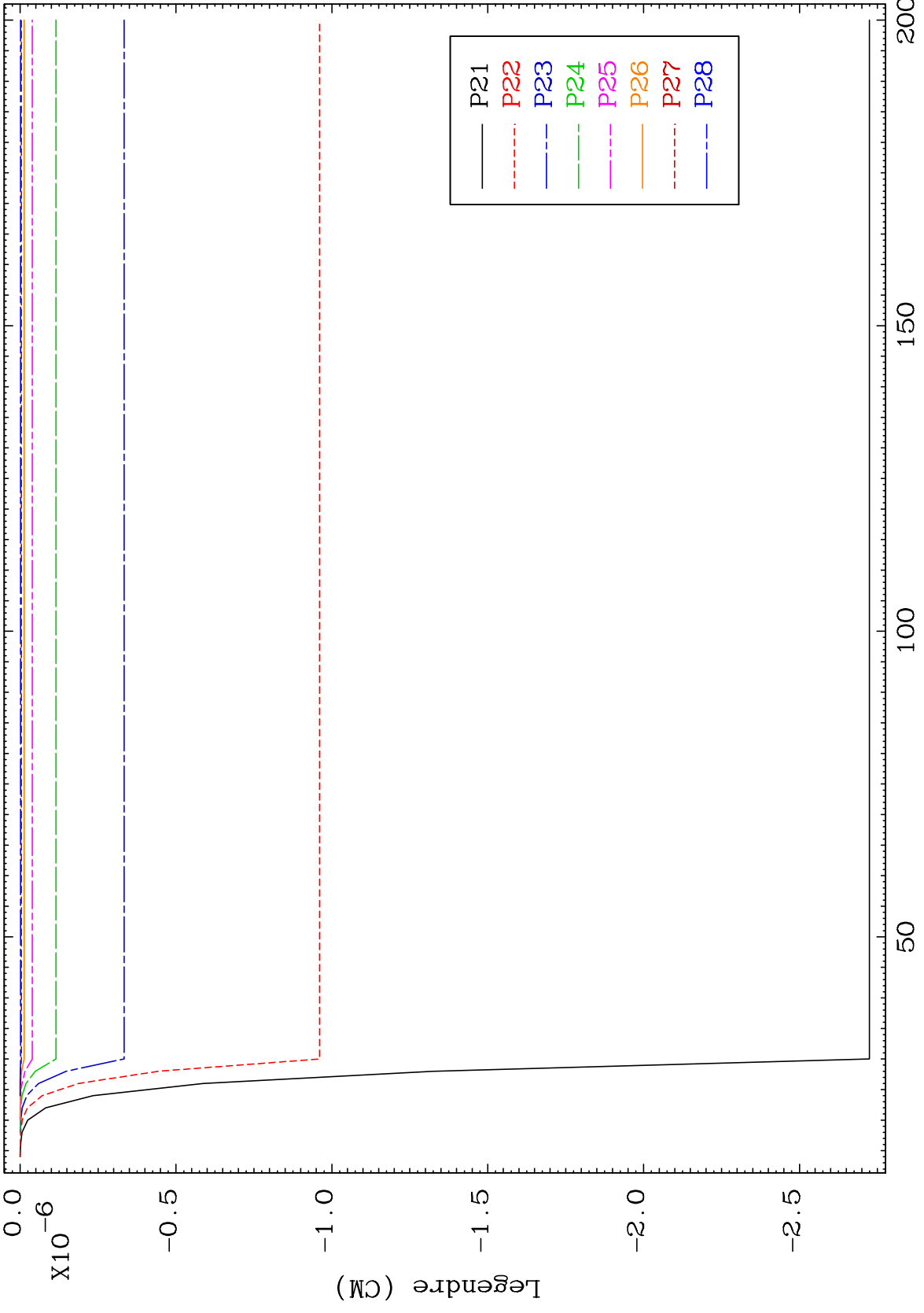


42

Incident Energy (MeV)

14-Si-27

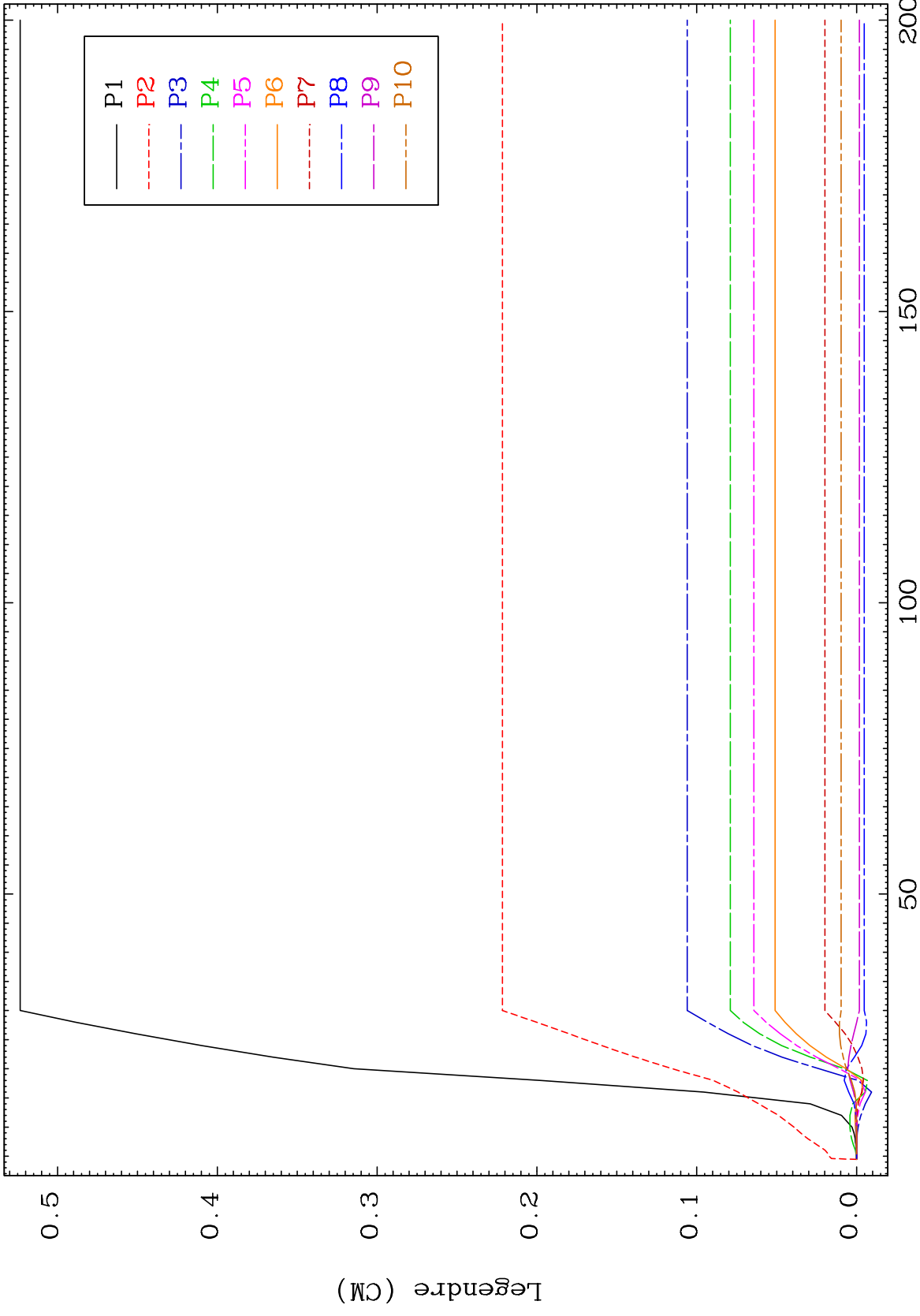
MAT 1422 MT= 59 (n,n') Level Legendre Coefficients 14-Si-27



MAT 1422

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

14-Si-27



44

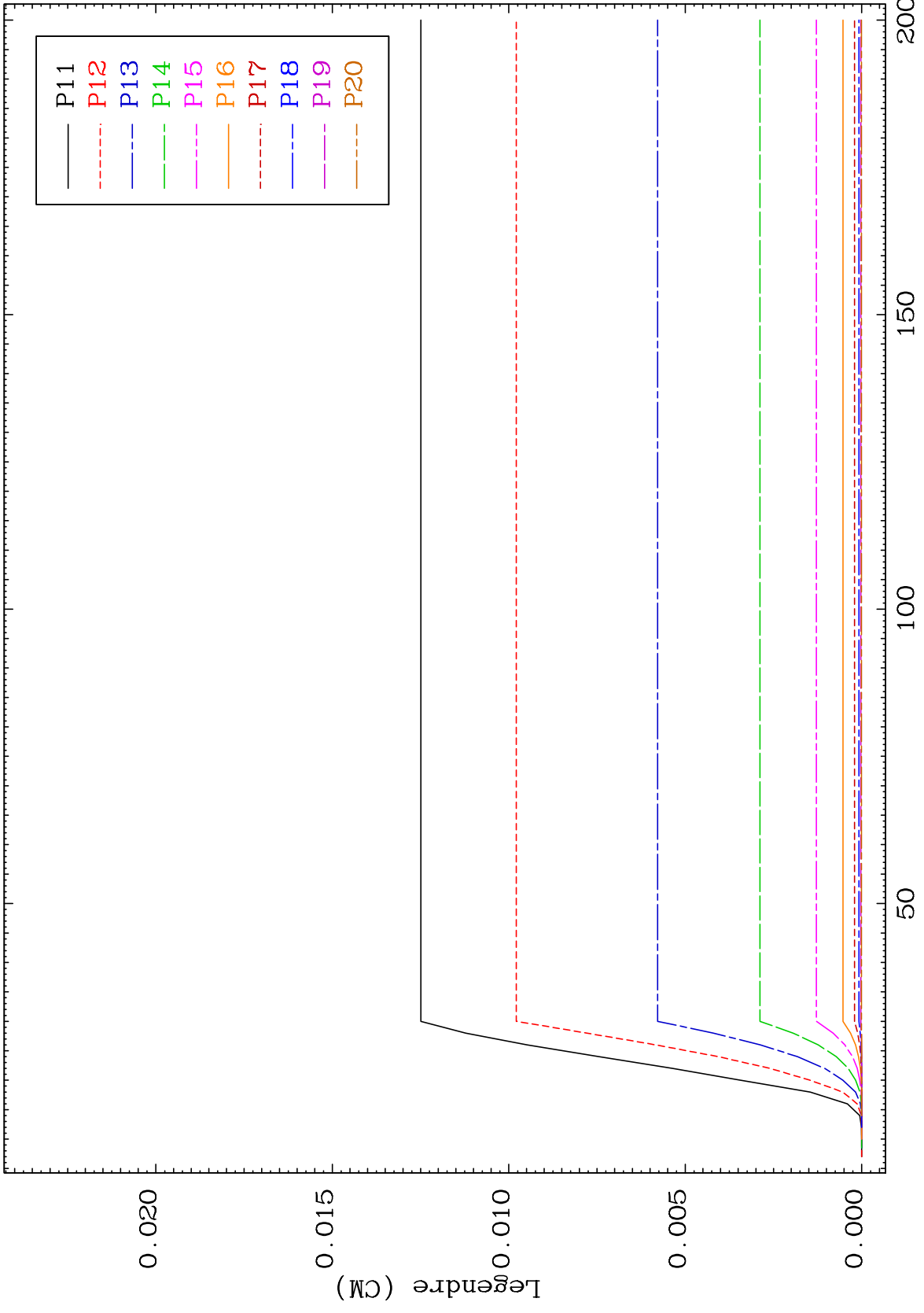
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



45

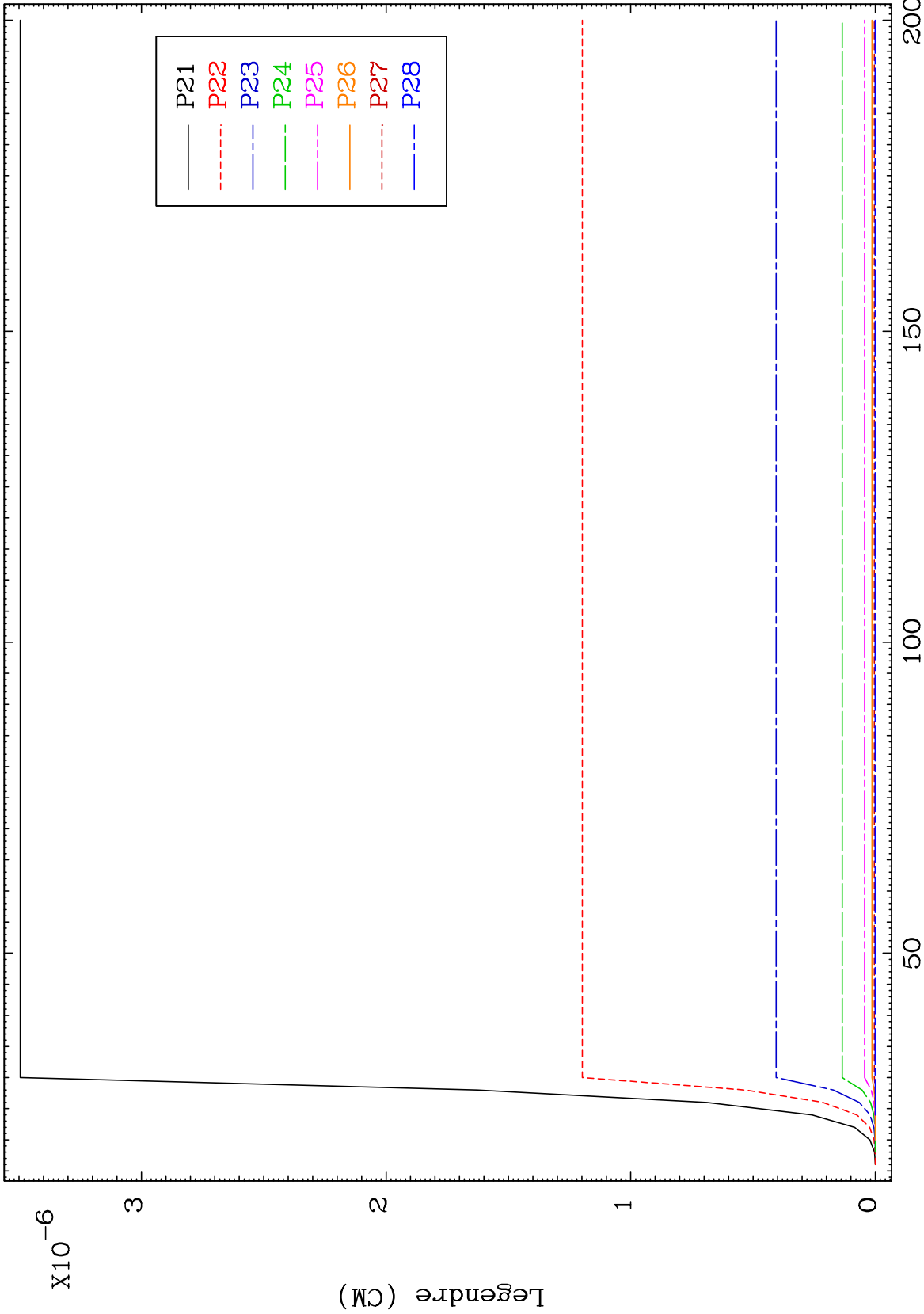
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



46

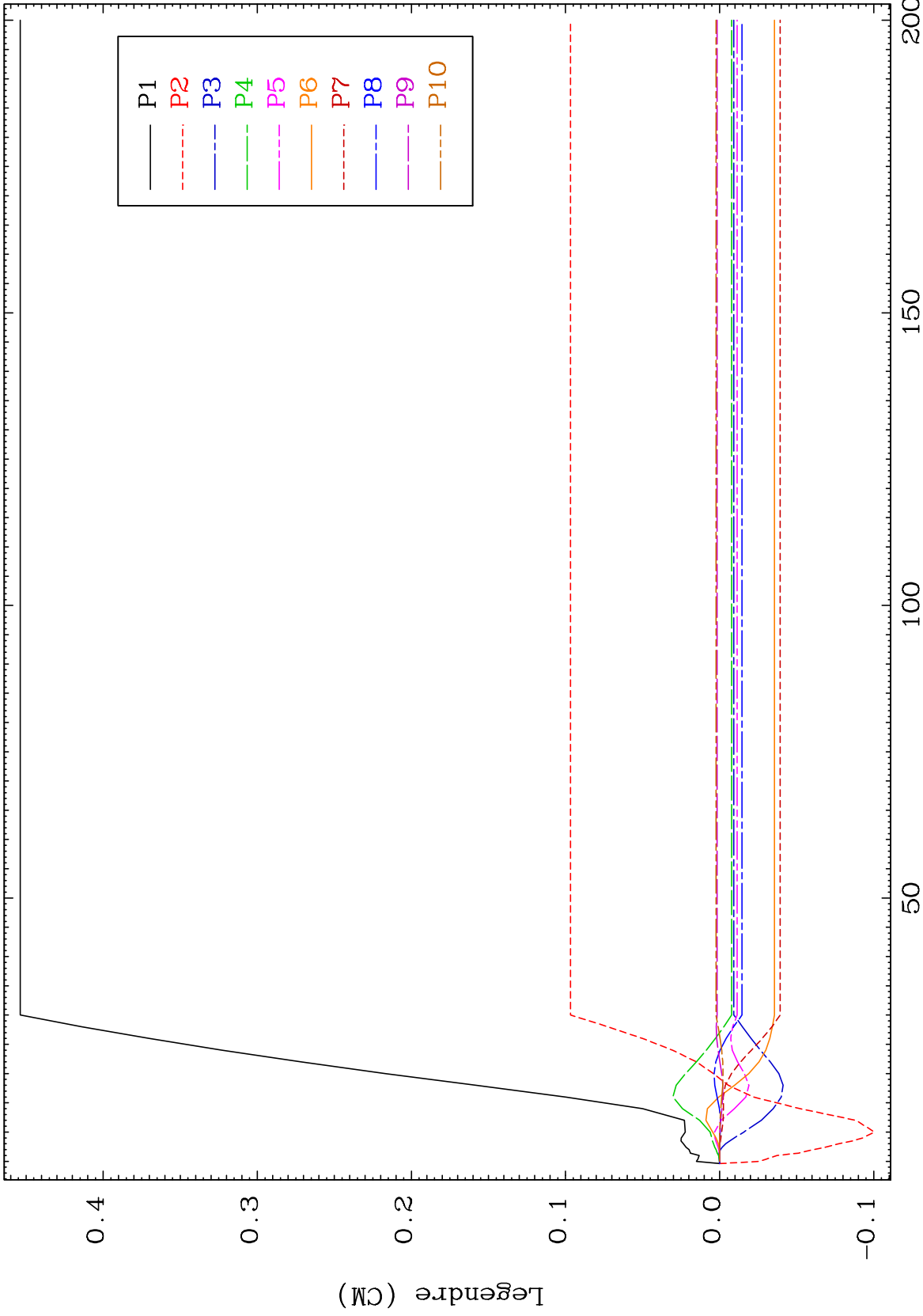
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



47

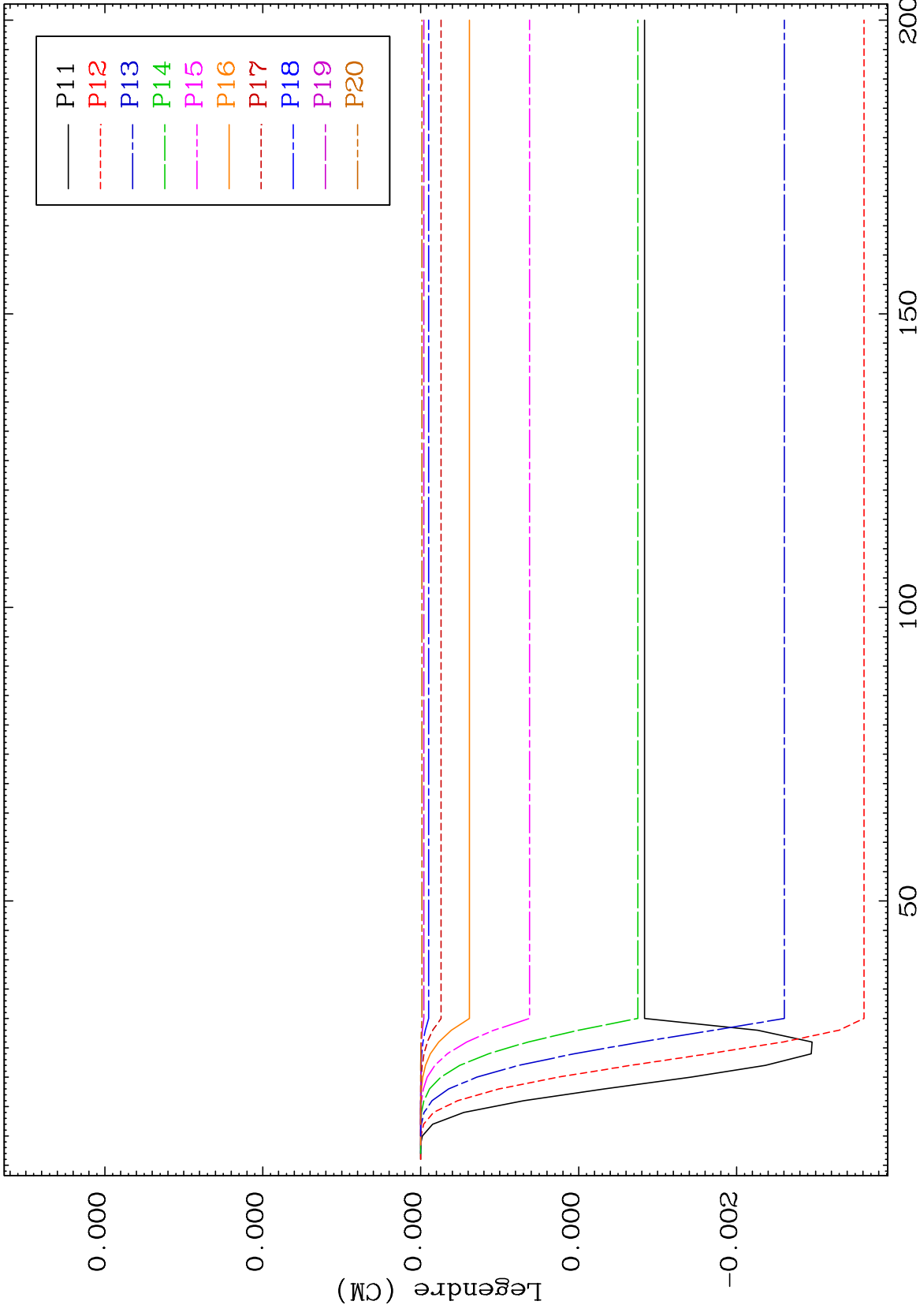
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27

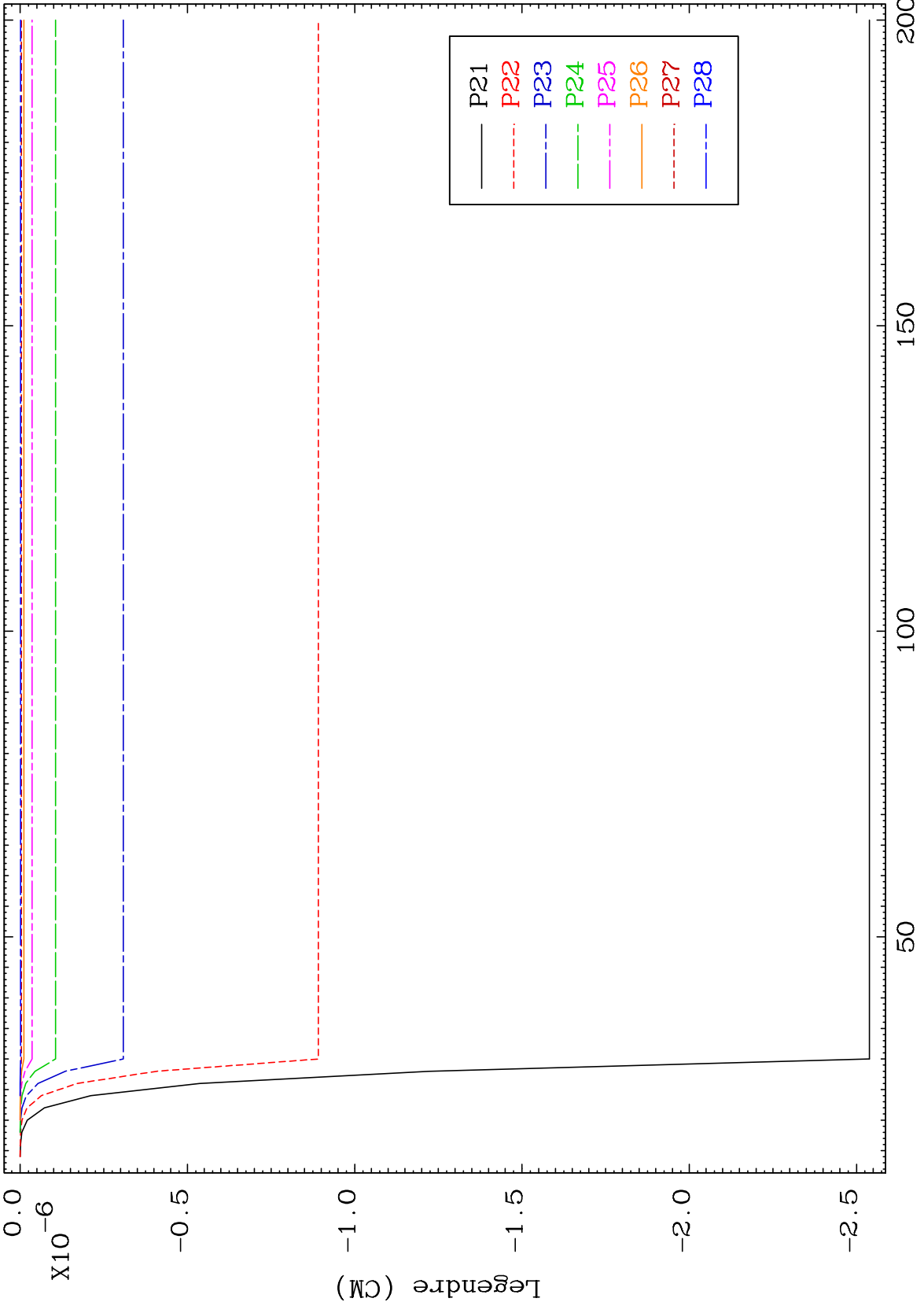


48

Incident Energy (MeV)

14-Si-27

MAT 1422 MT= 61 (n,n') Level Legendre Coefficients 14-Si-27

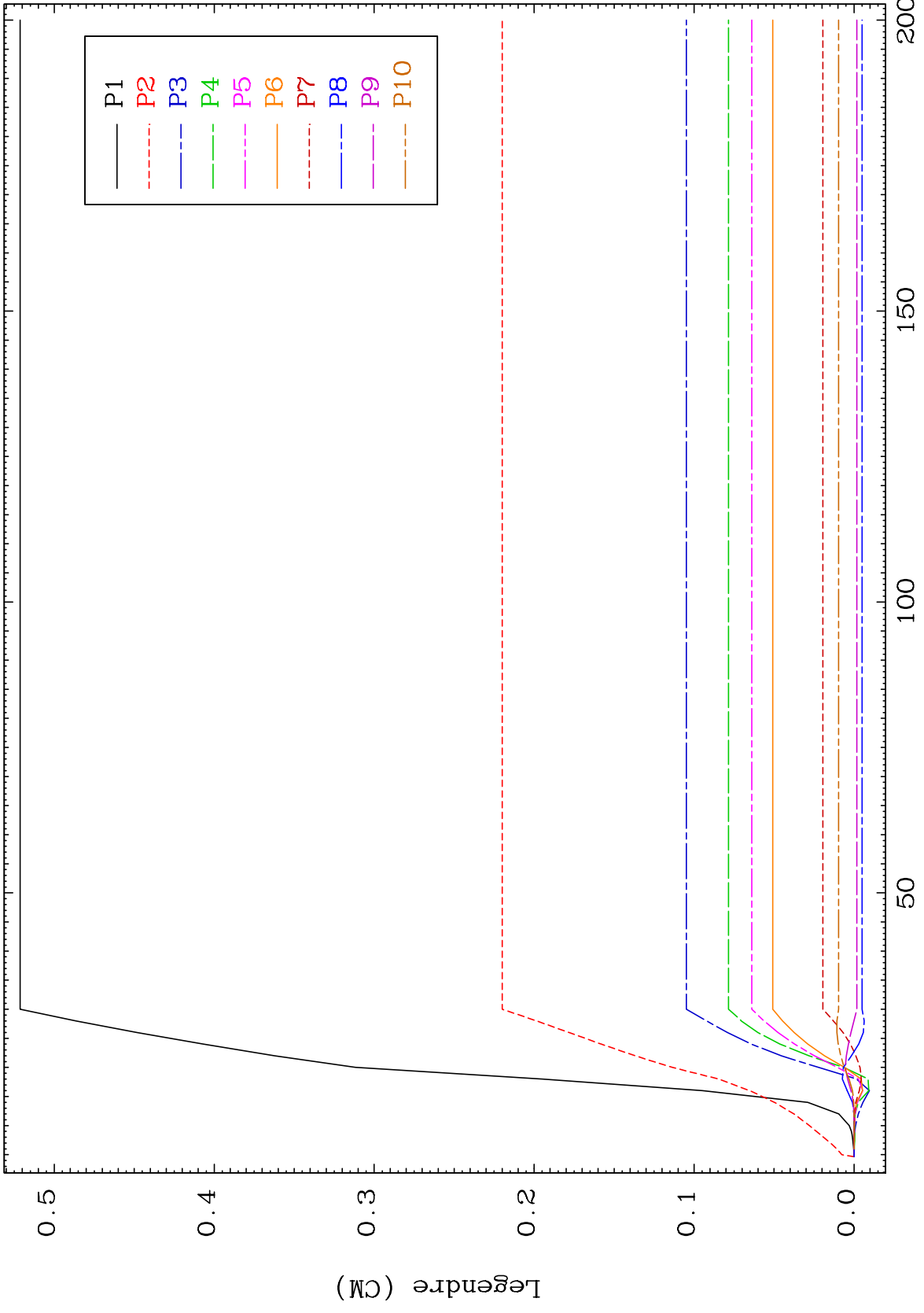


49 Incident Energy (MeV) 14-Si-27

MAT 1422

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

14-Si-27



50

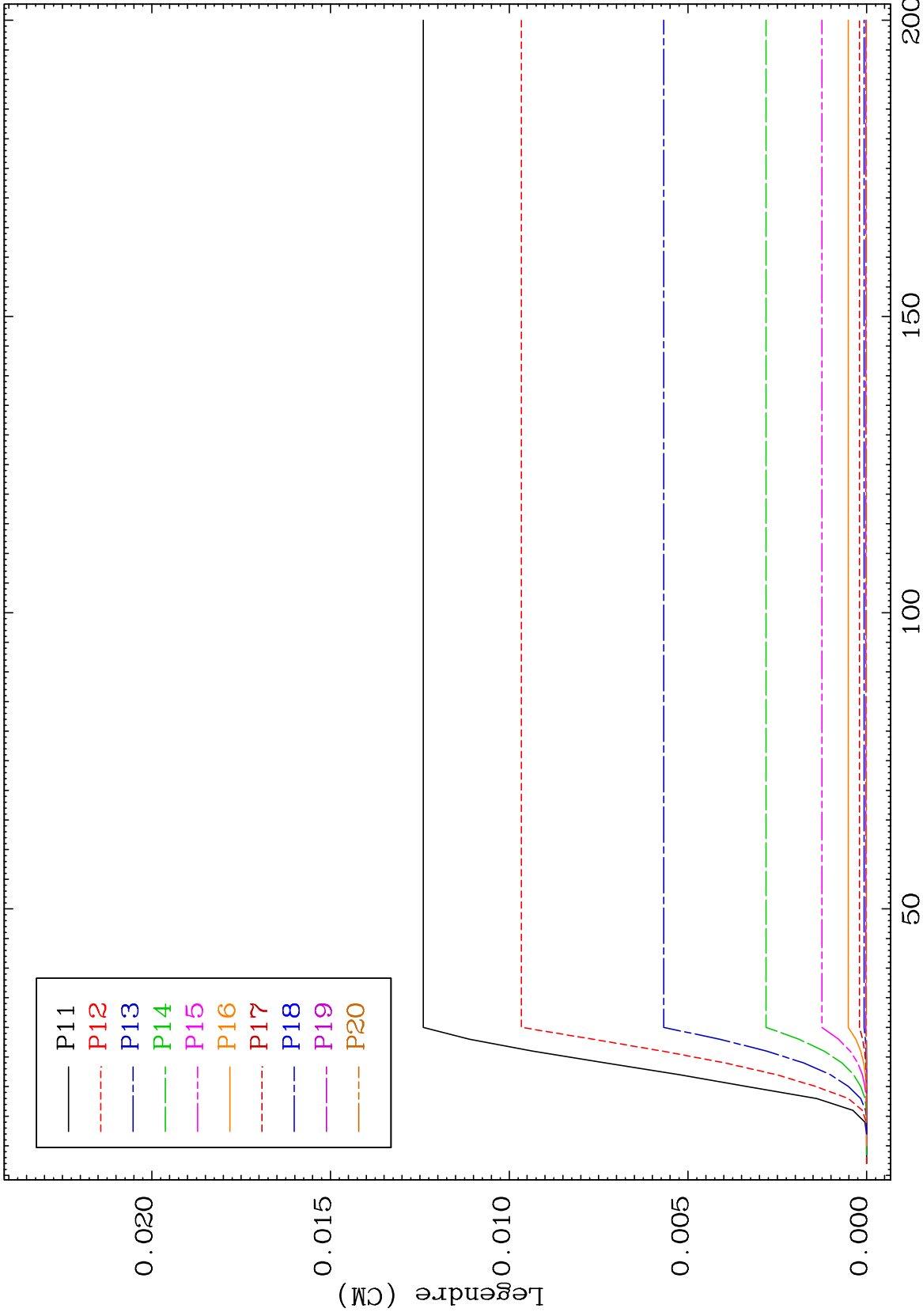
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



51

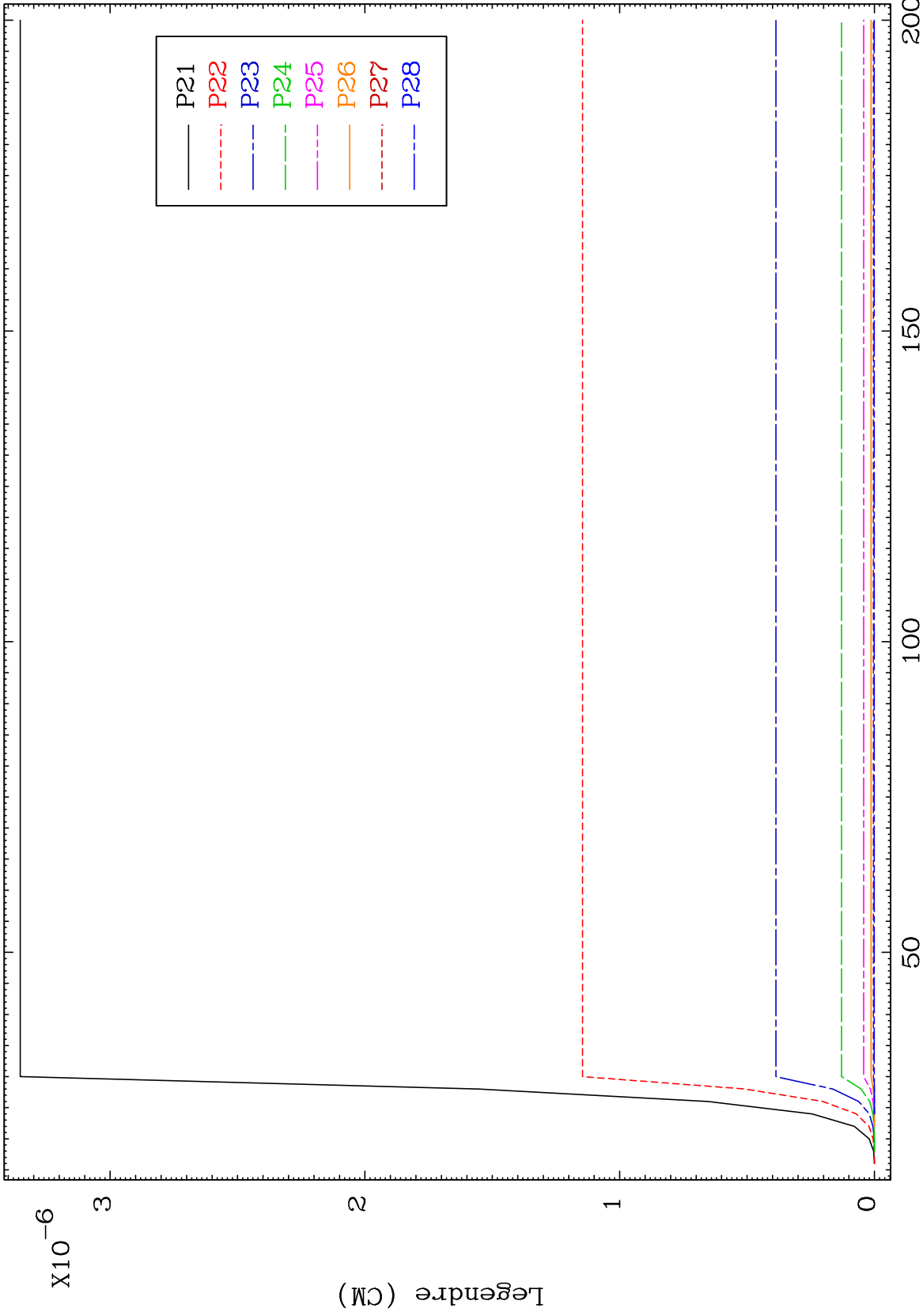
Incident Energy (MeV)

14-Si-27

MAT 1422

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

14-Si-27



52

Incident Energy (MeV)

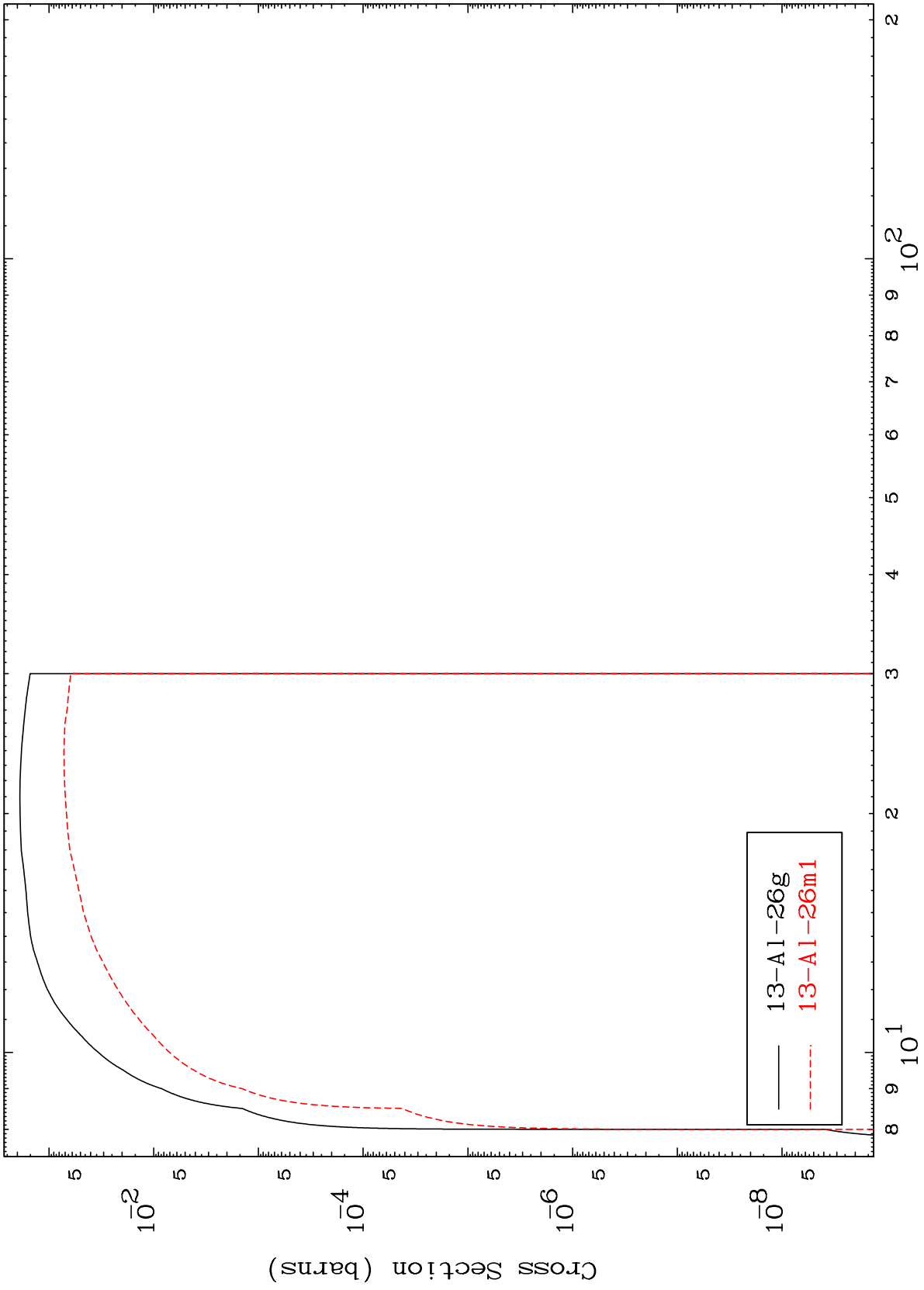
14-Si-27

MAT 1422

(n,n') p

14-Si-27

Radionuclide Production Cross Section



53

Incident Energy (MeV)

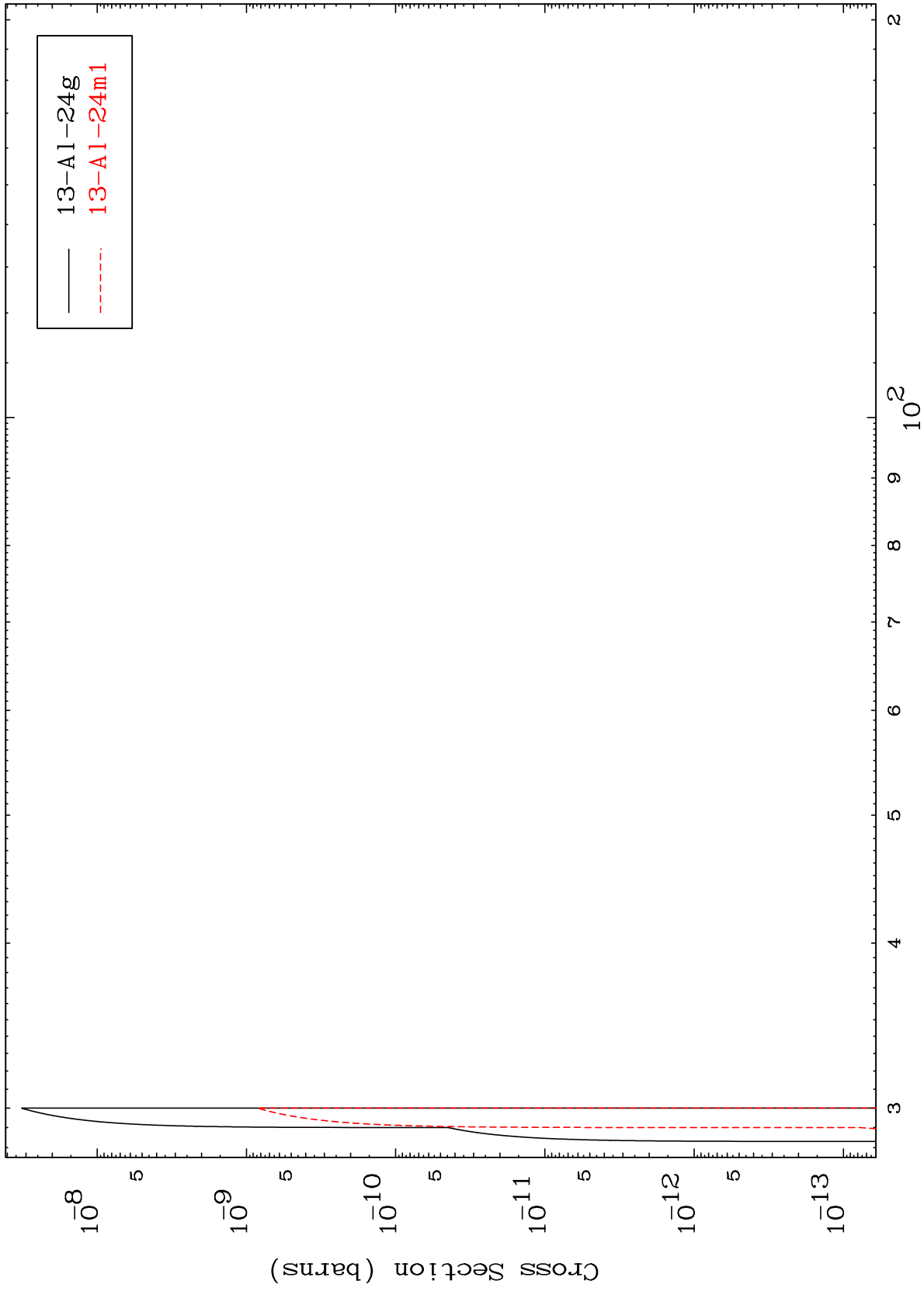
14-Si-27

MAT 1422

(n,n') t

¹⁴Si-27

Radionuclide Production Cross Section



54

Incident Energy (MeV)

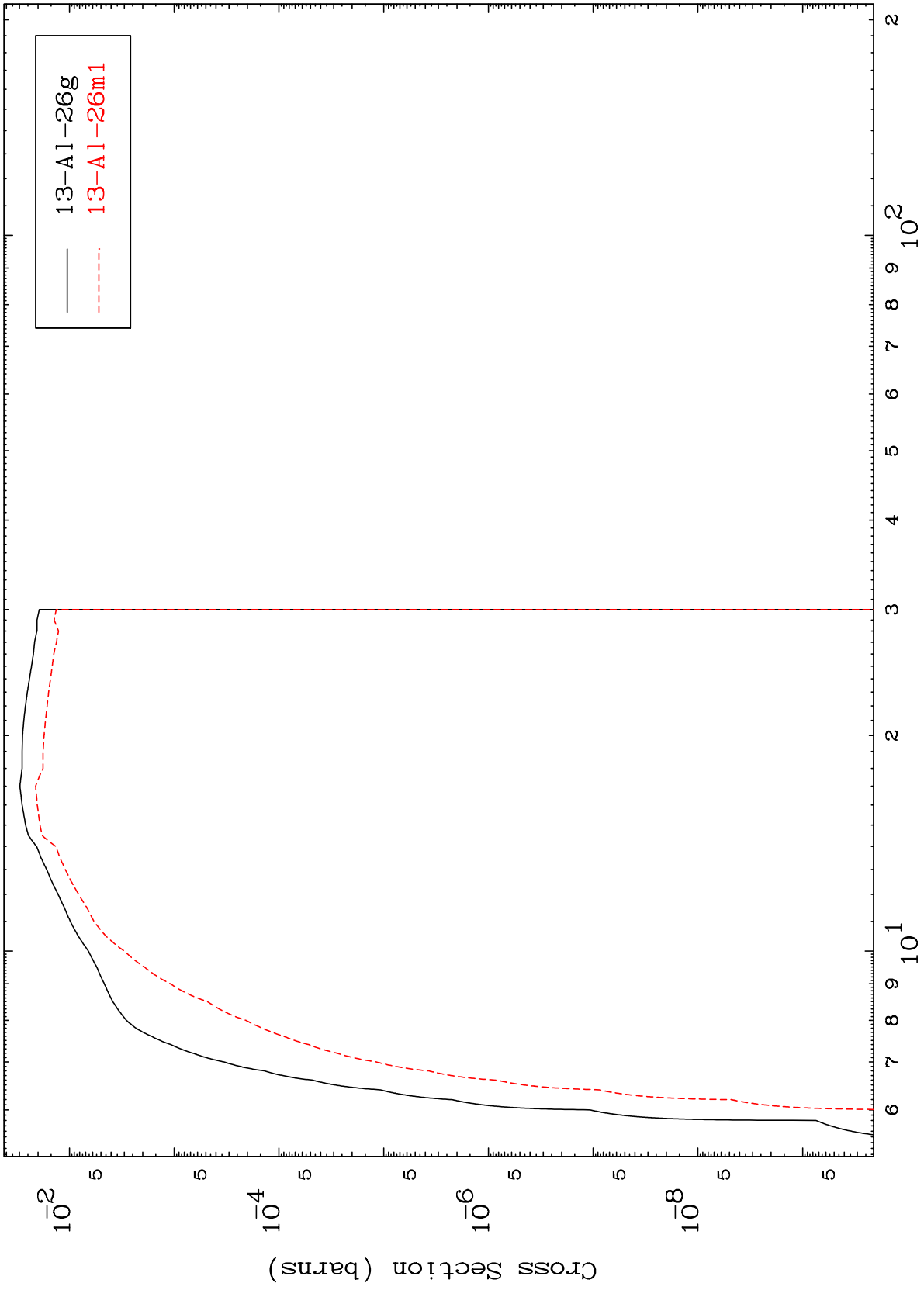
¹⁴Si-27

MAT 1422

(n,d)

¹⁴Si-27

Radionuclide Production Cross Section



55

Incident Energy (MeV)

¹⁴Si-27