

Program EVALPLOT
(Version 2015-2)

by

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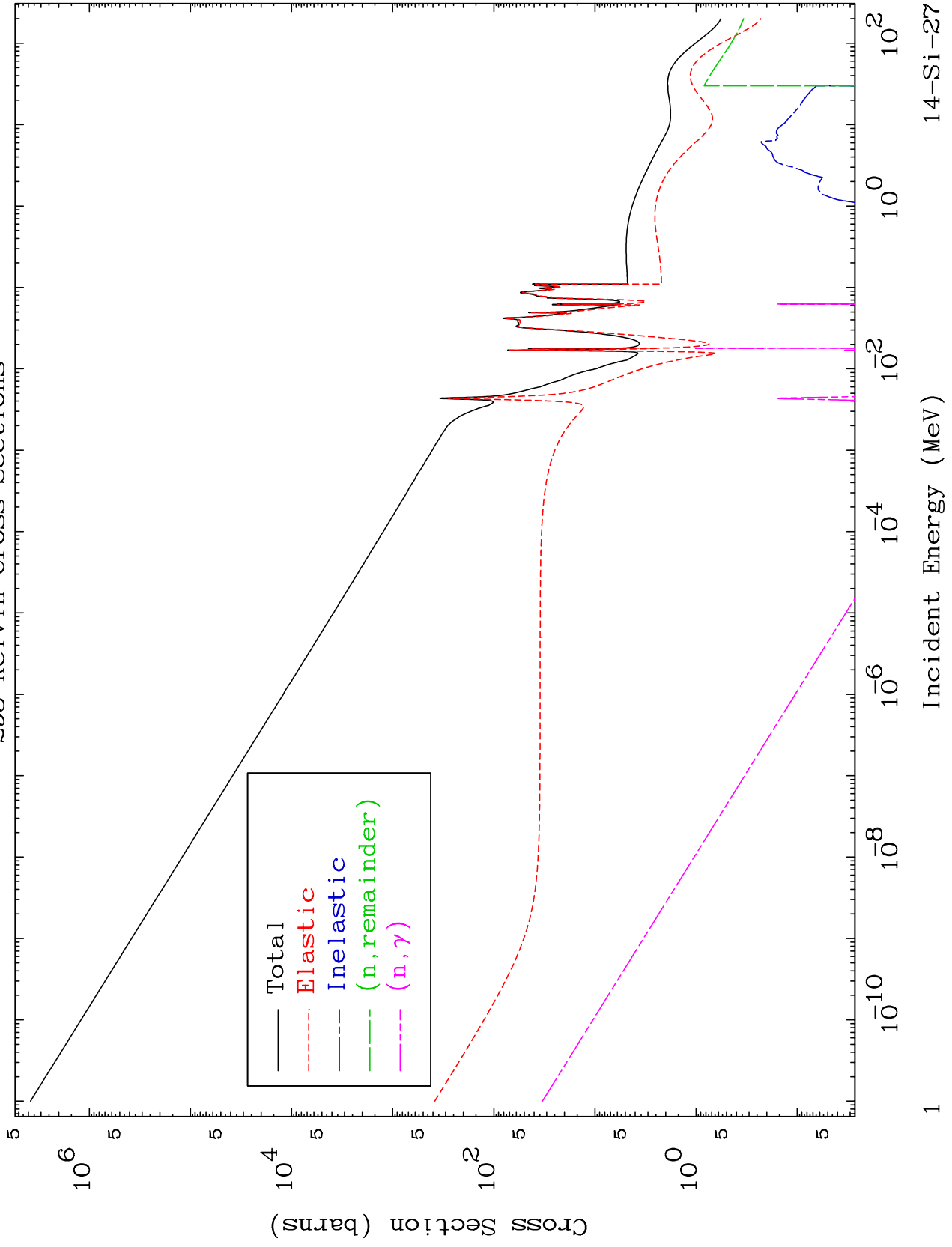
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

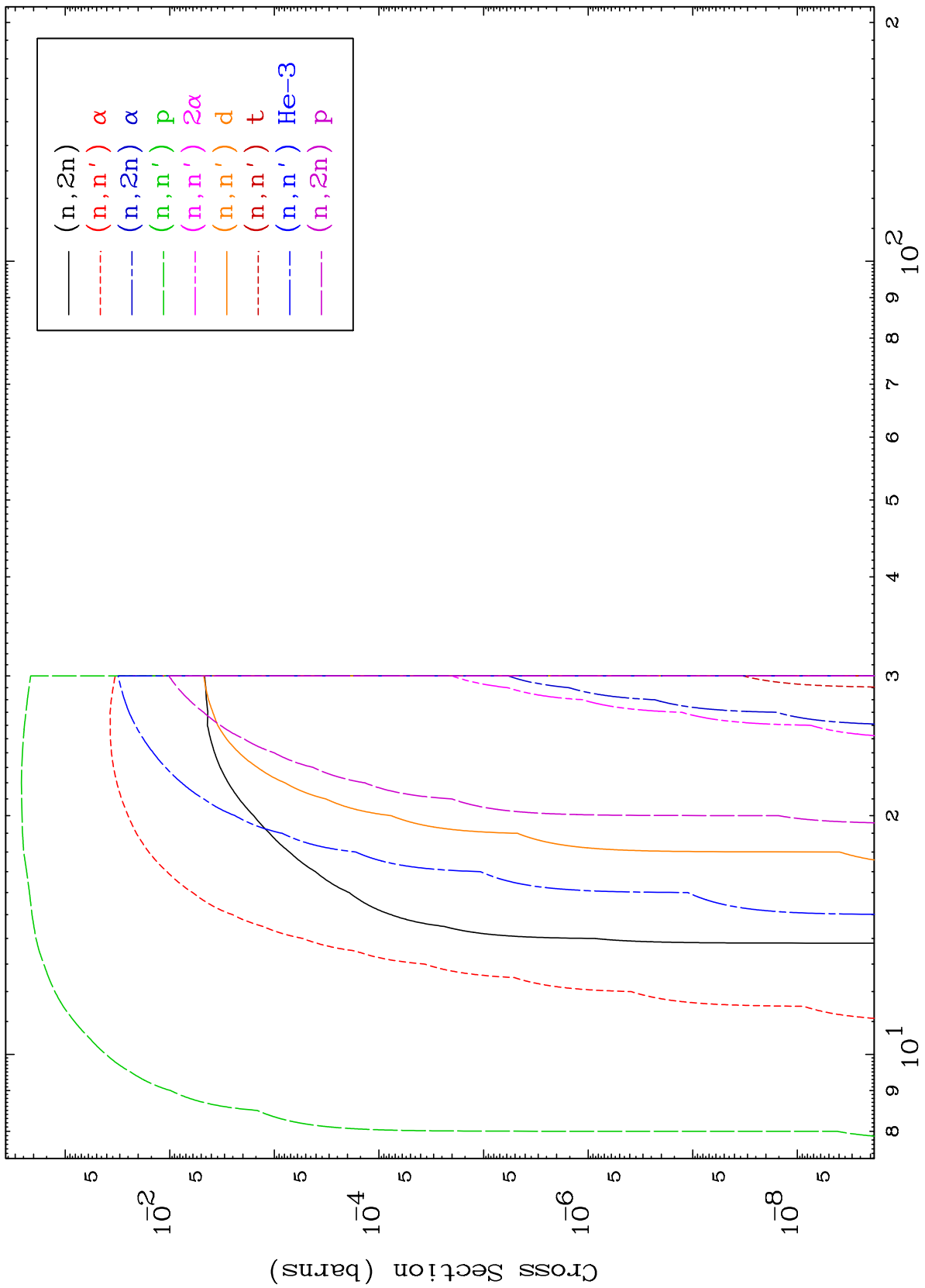
MAT 1422

Major
293 Kelvin Cross Sections

14-Si-27



Neutron Production
293 Kelvin Cross Sections

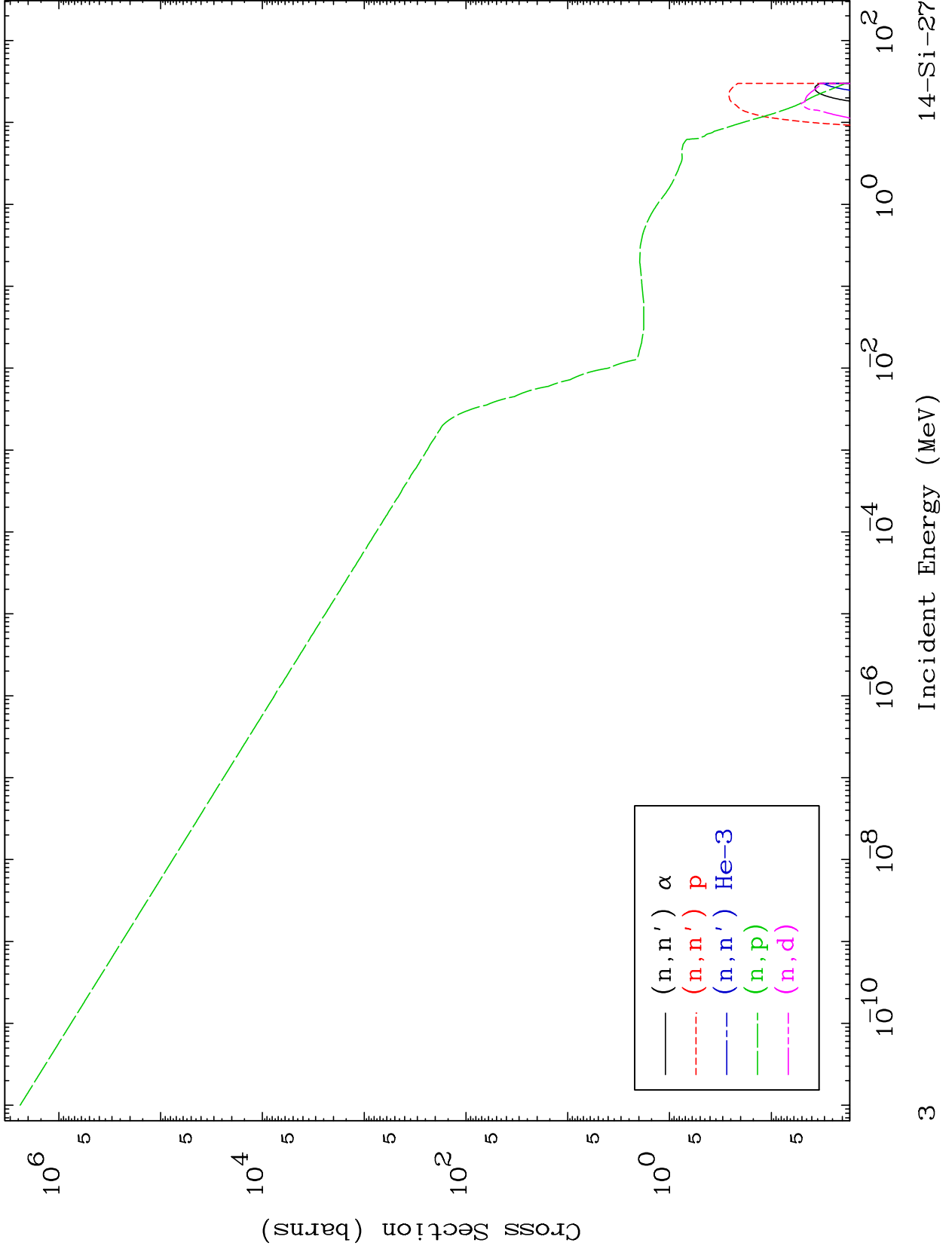


Incident Energy (MeV)

MAT 1422

Charged Particle
293 Kelvin Cross Sections

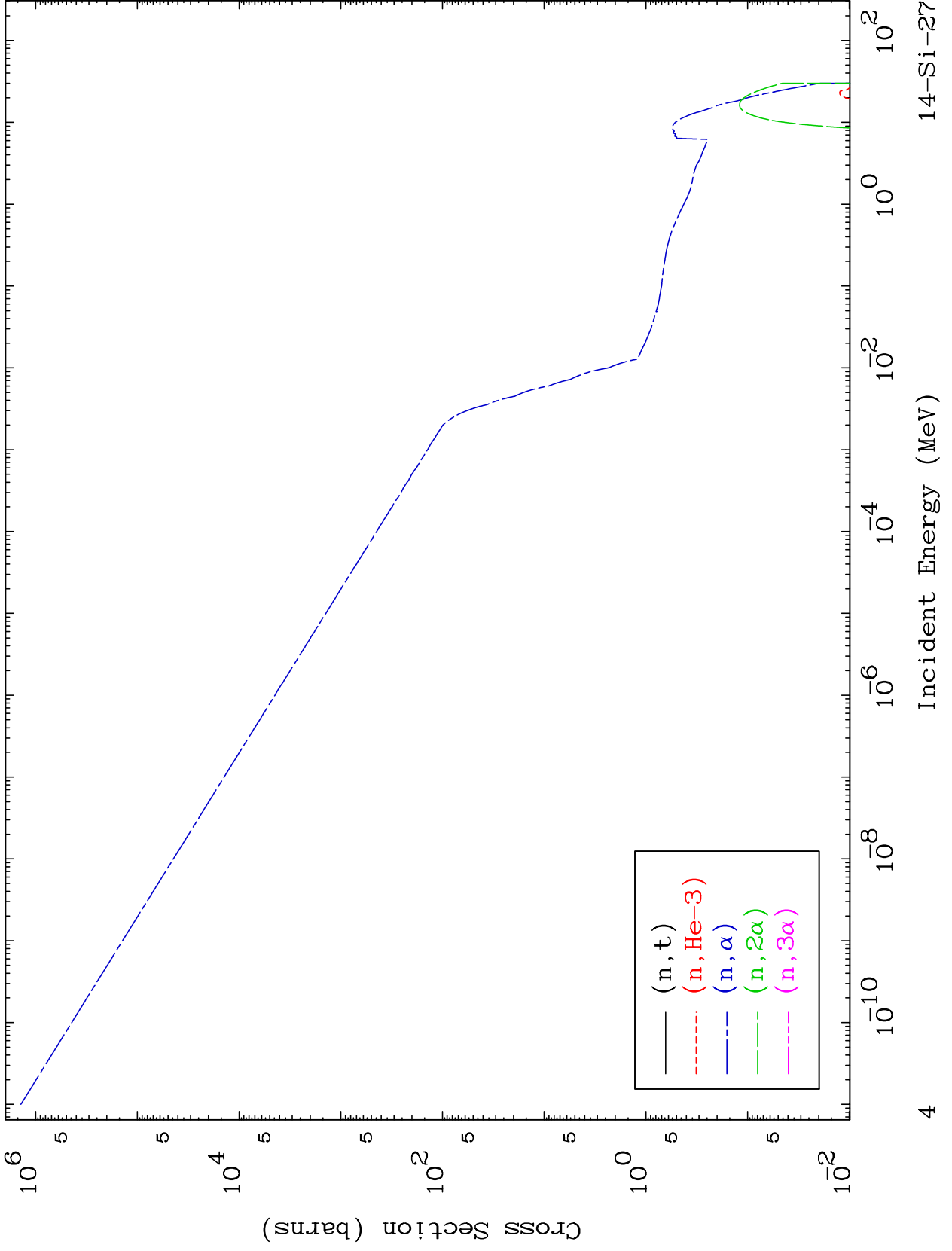
14-Si-27

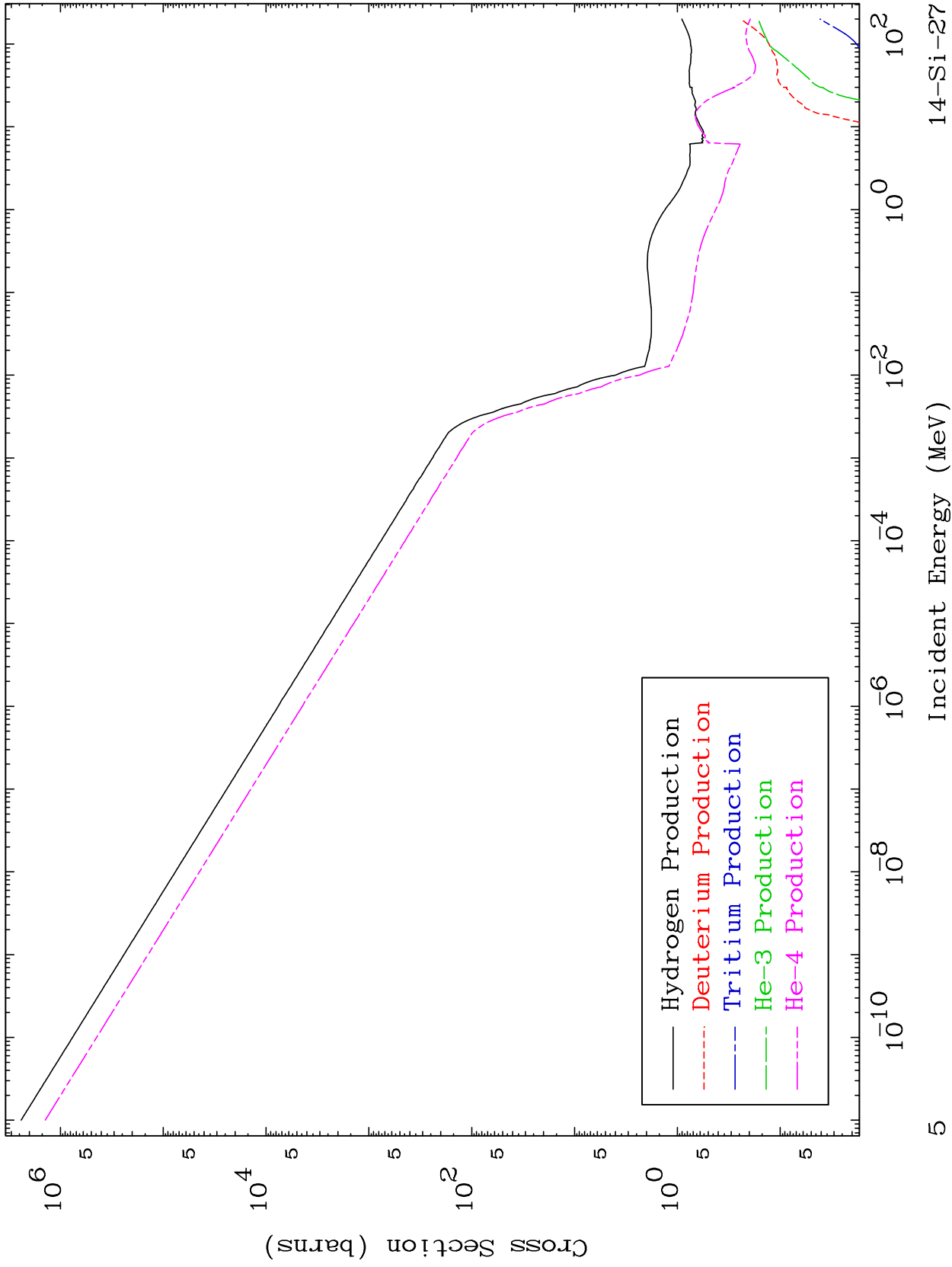


MAT 1422

Charged Particle
293 Kelvin Cross Sections

14-Si-27

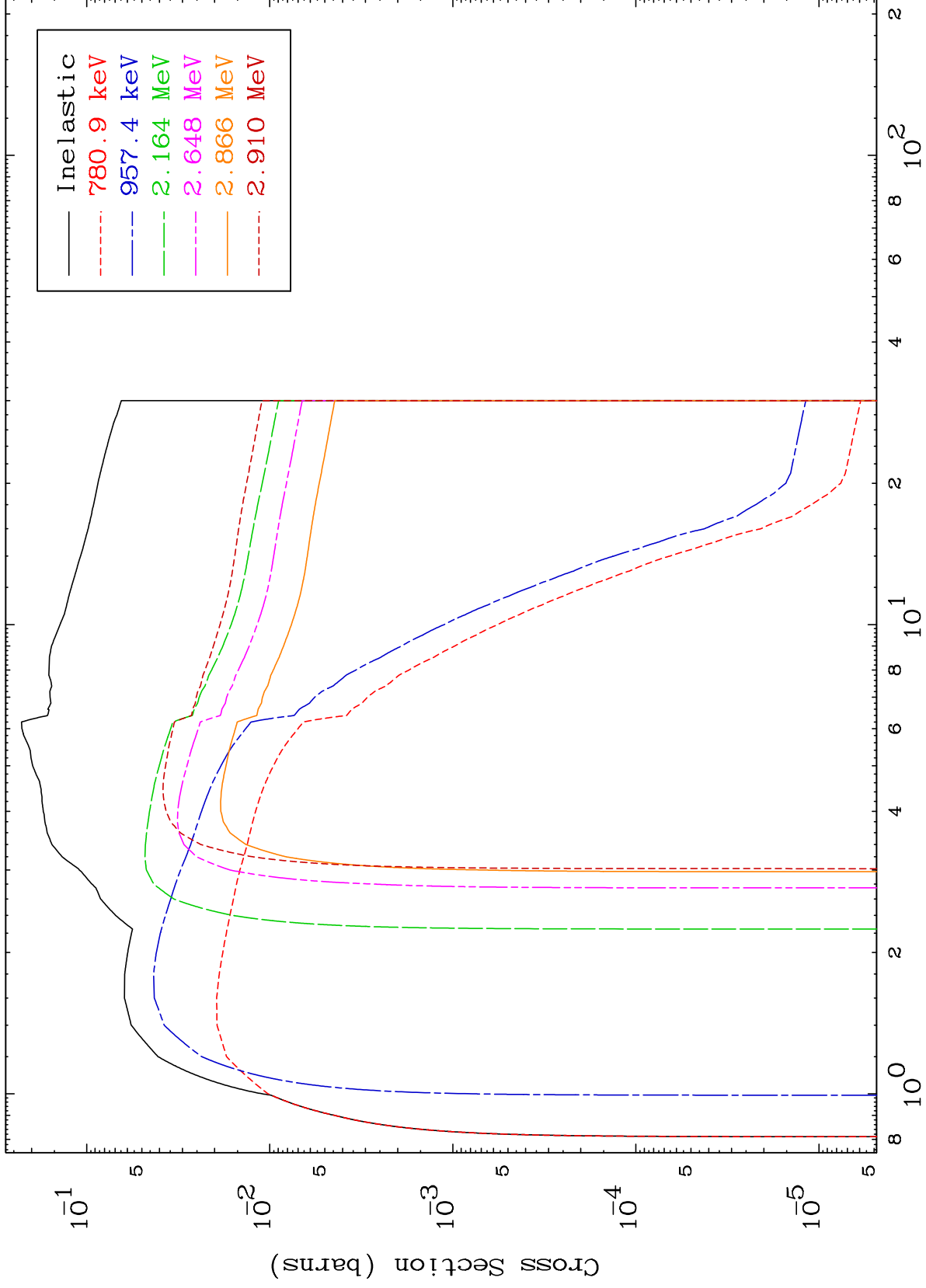




MAT 1422

(n,n') Level
293 Kelvin Cross Sections

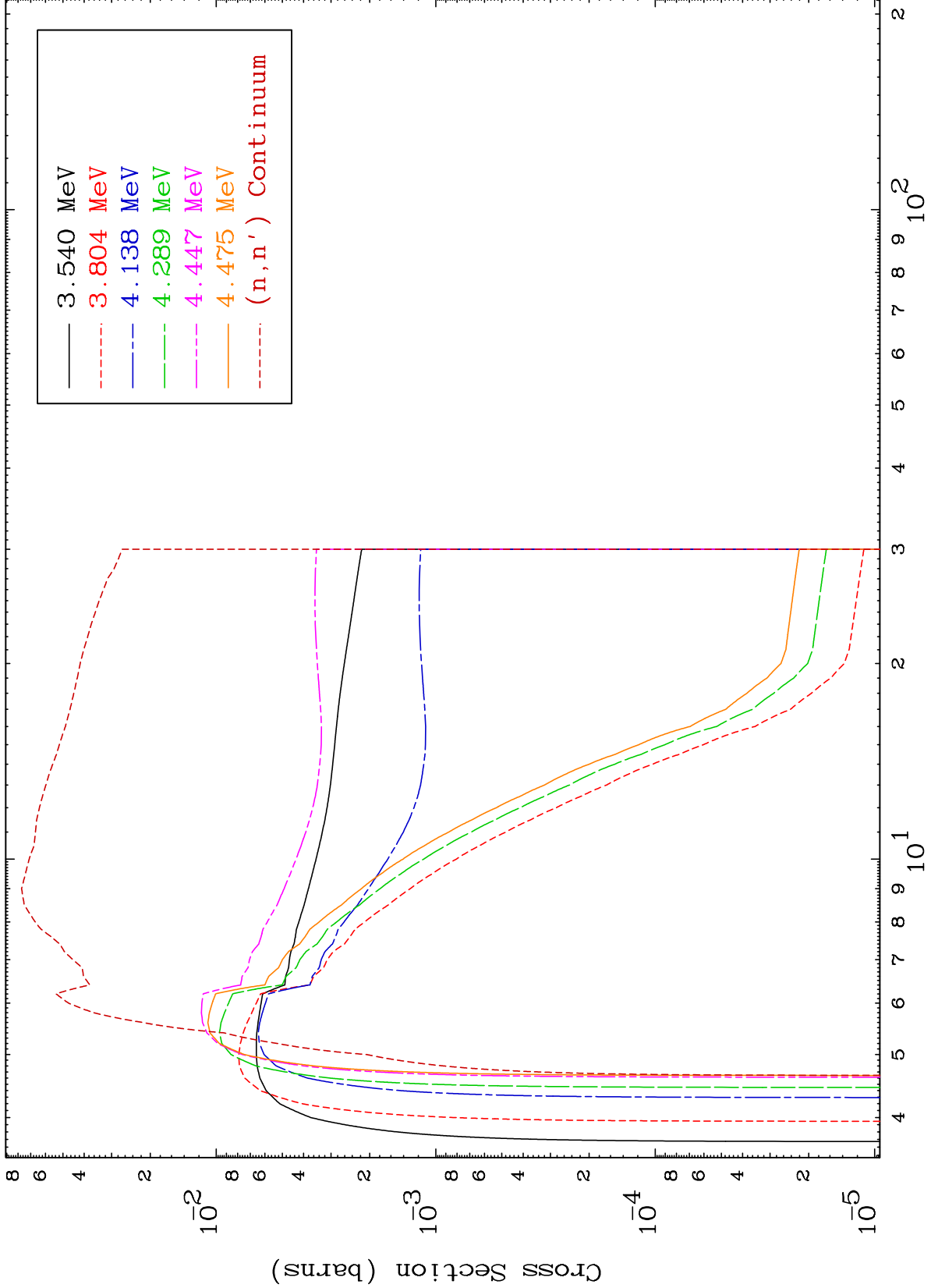
14-Si-27



Incident Energy (MeV)

14-Si-27

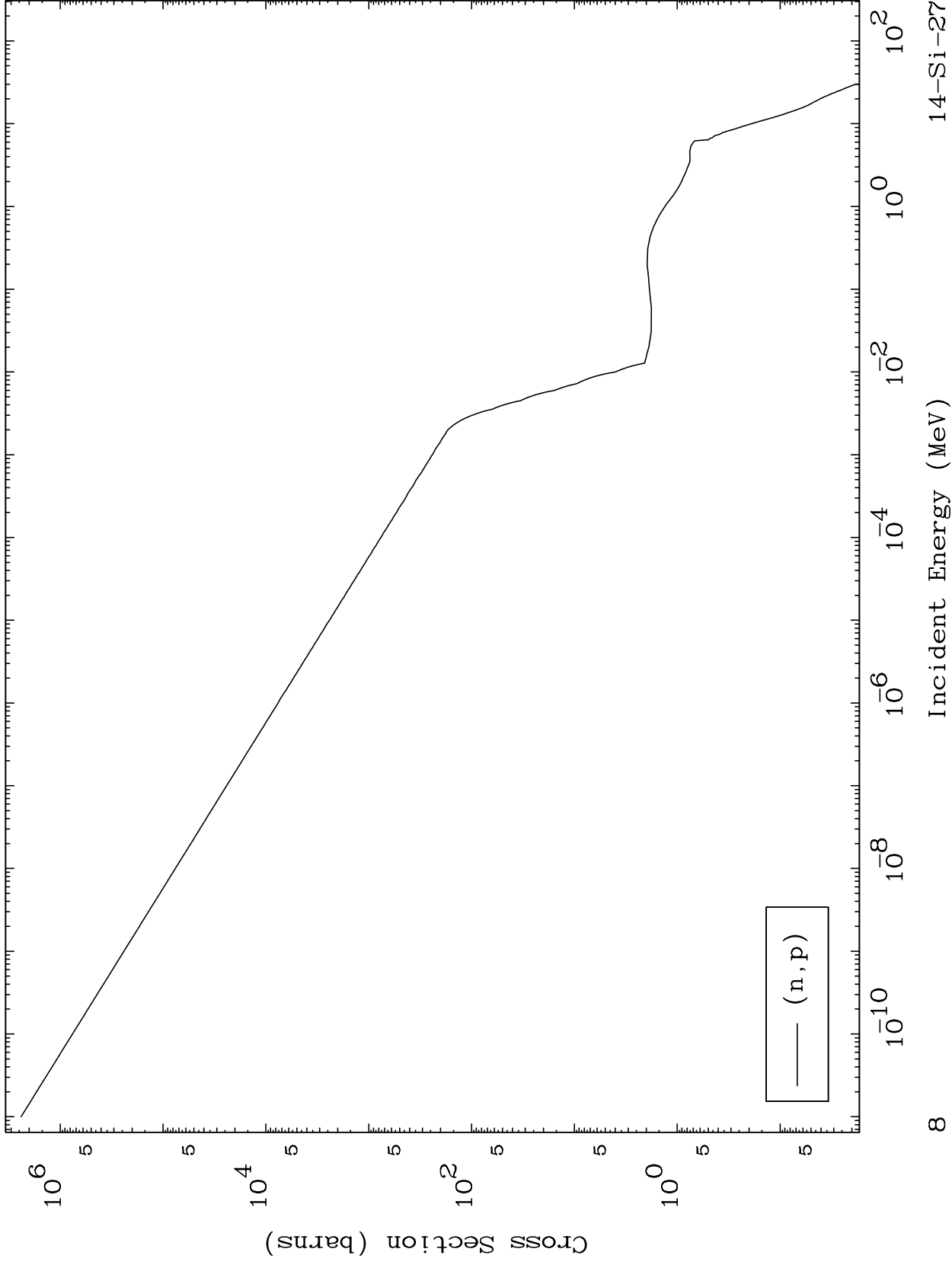
293 Kelvin Cross Sections



MAT 1422

(n,p) Levels
293 Kelvin Cross Sections

14-Si-27

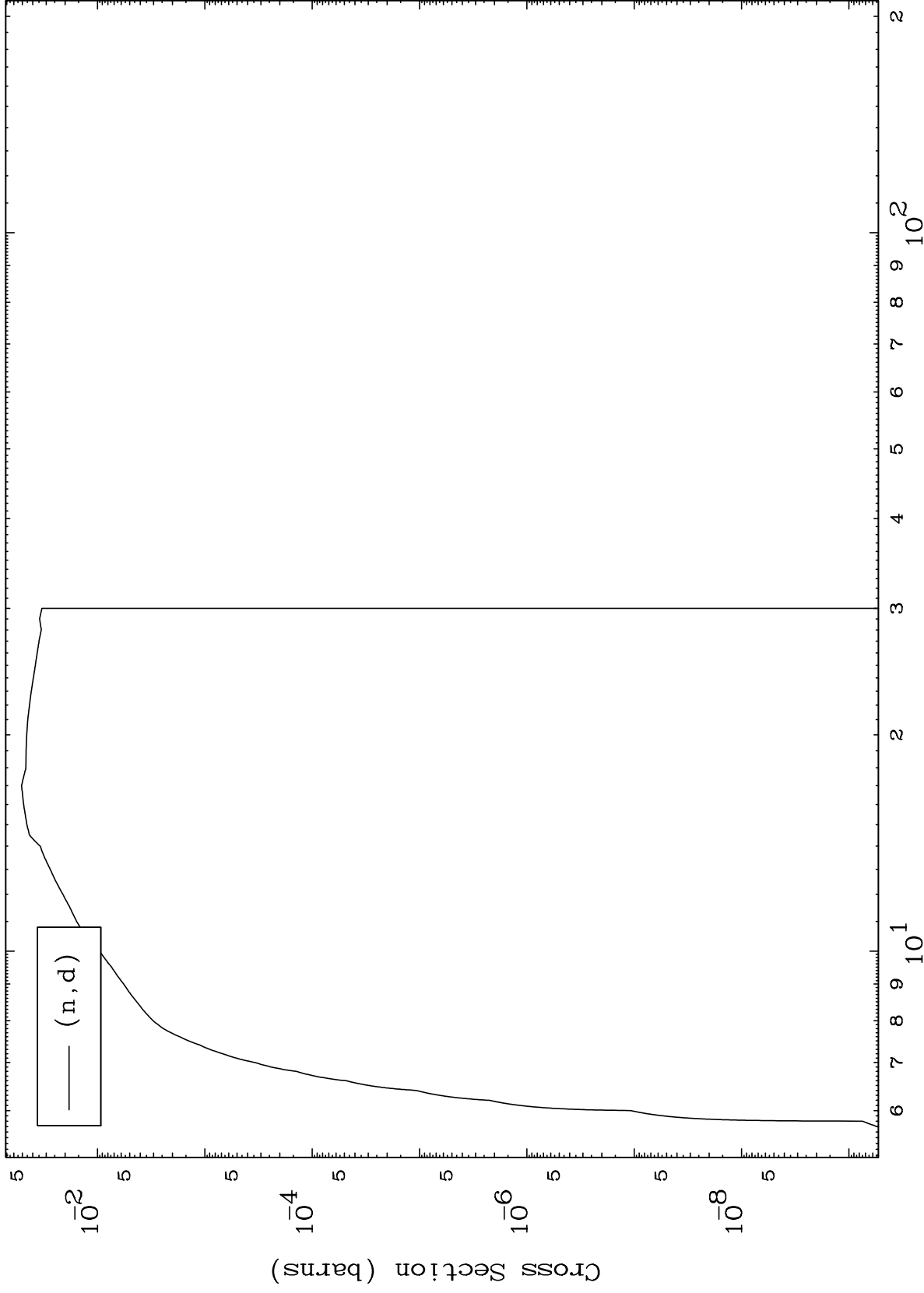


(n,p)

MAT 1422

(n,d) Levels
293 Kelvin Cross Sections

14-Si-27



9

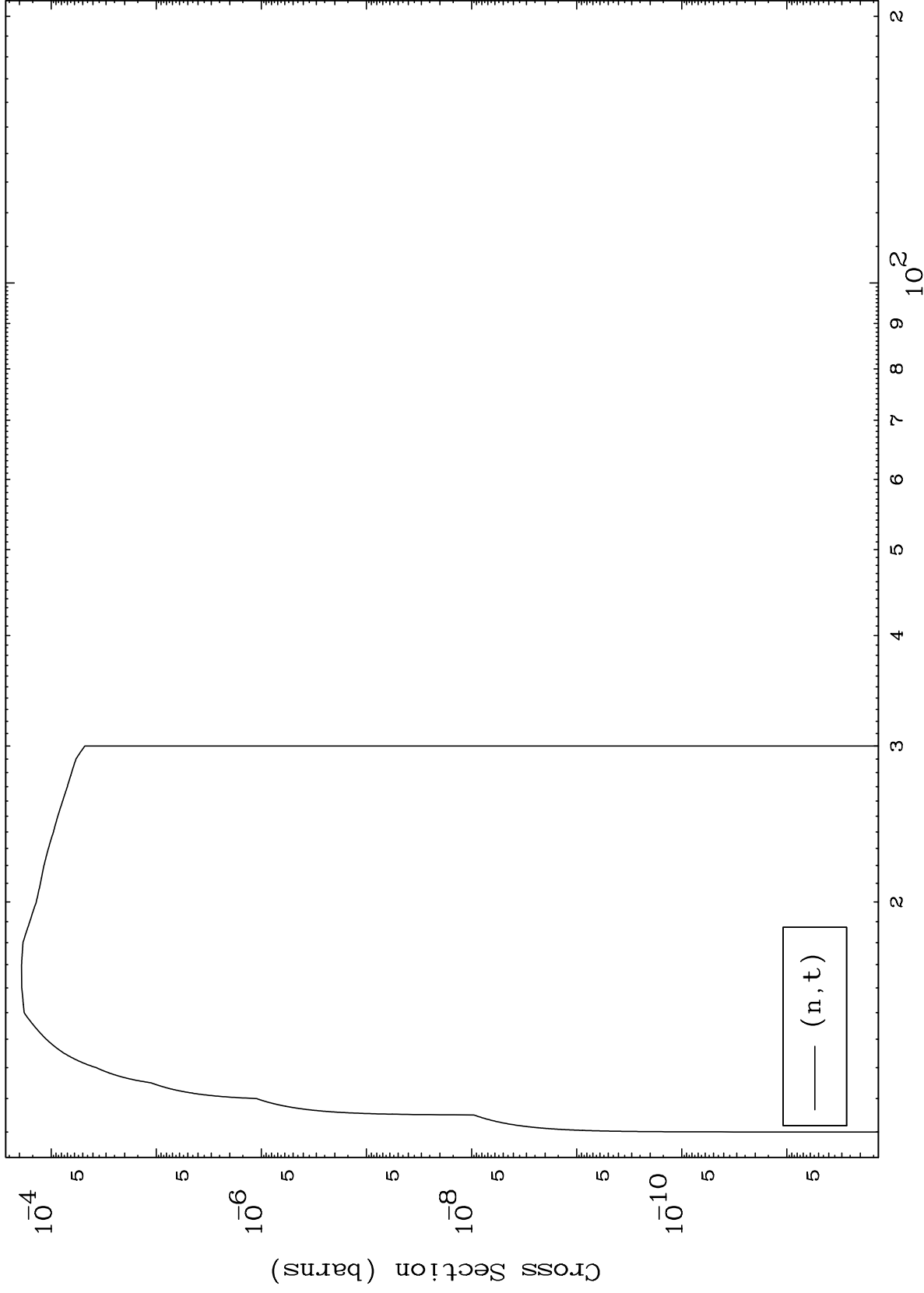
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,t) Levels
293 Kelvin Cross Sections

14-Si-27



10

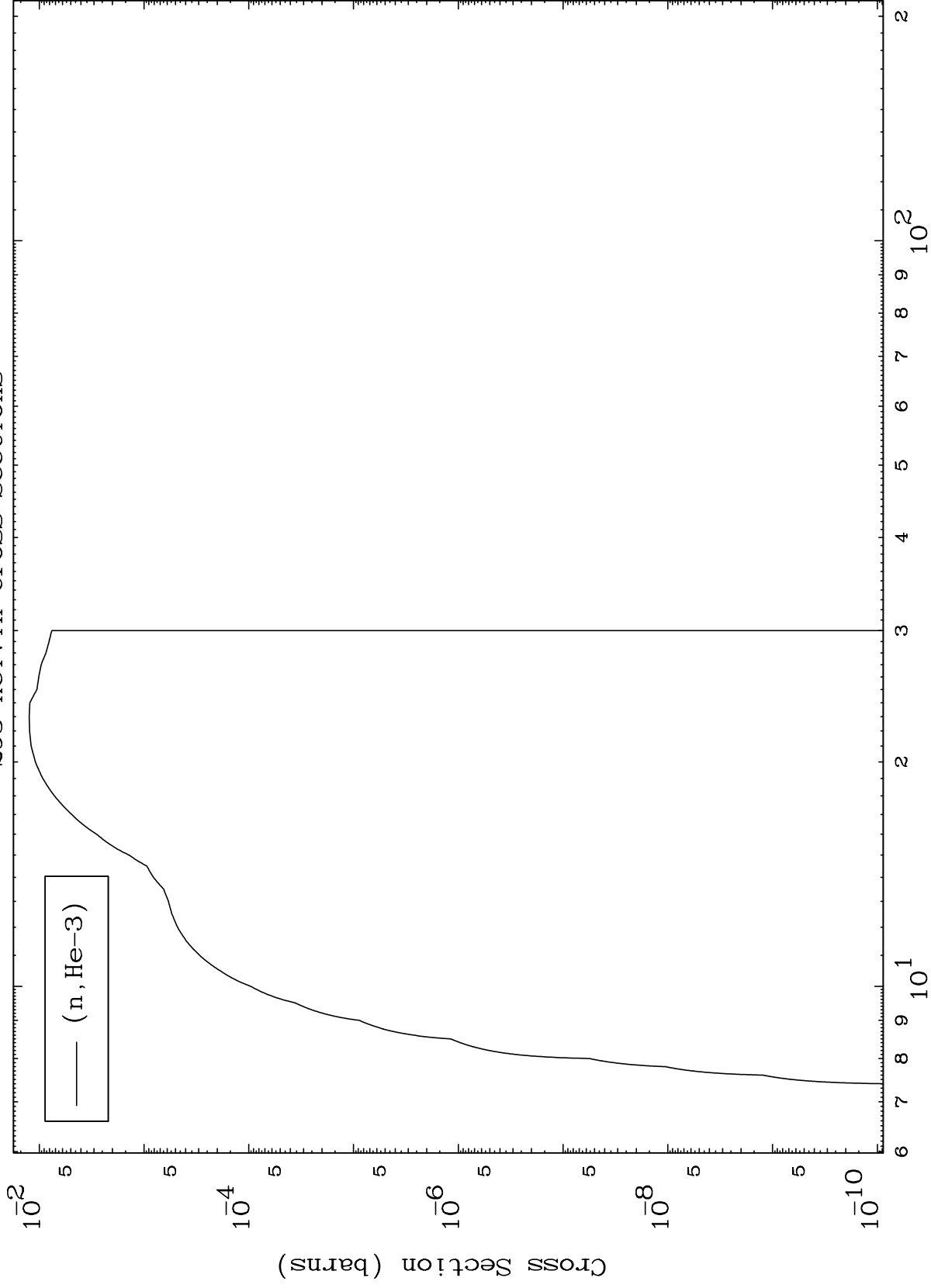
Incident Energy (MeV)

14-Si-27

MAT 1422

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-27



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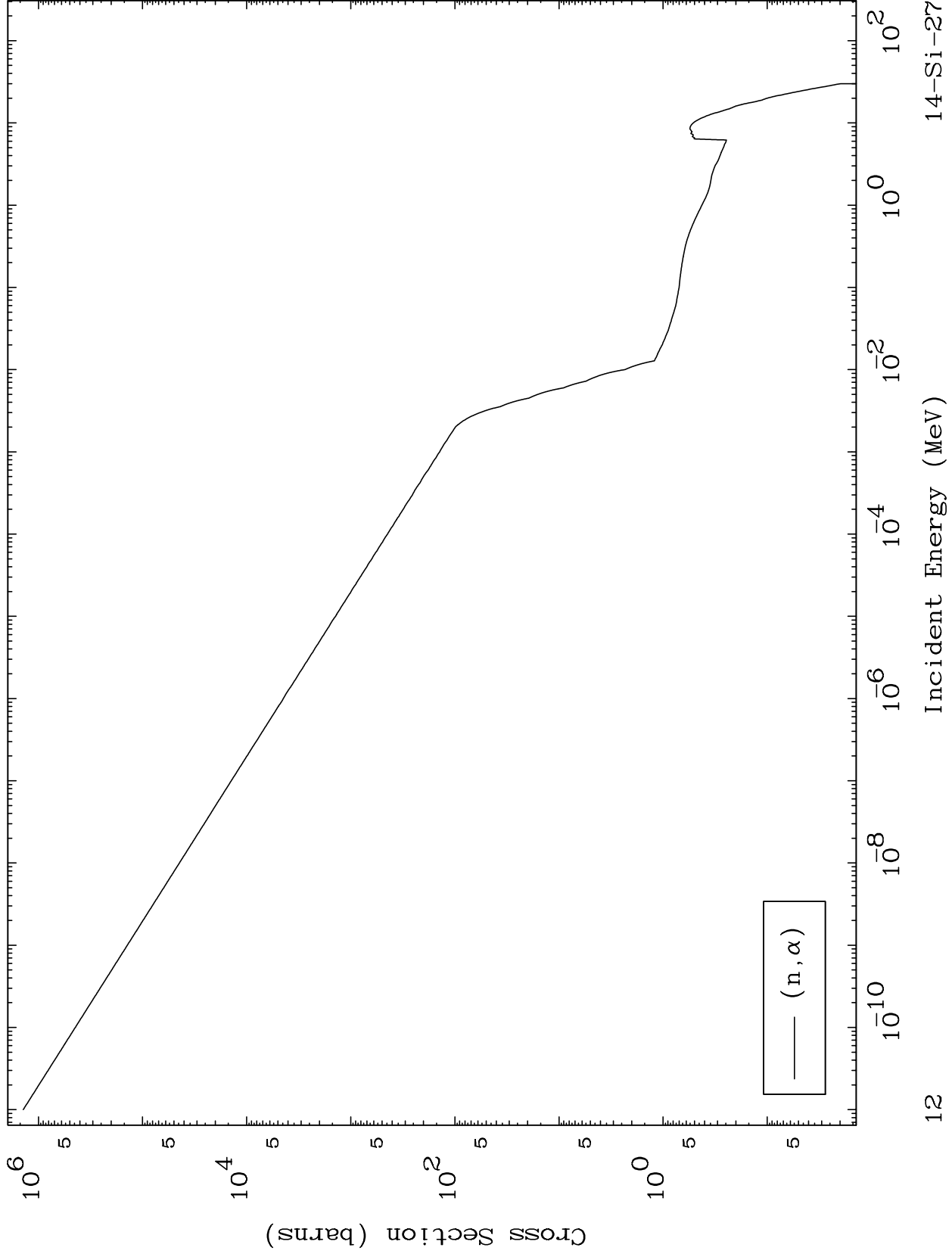
Incident Energy (MeV)

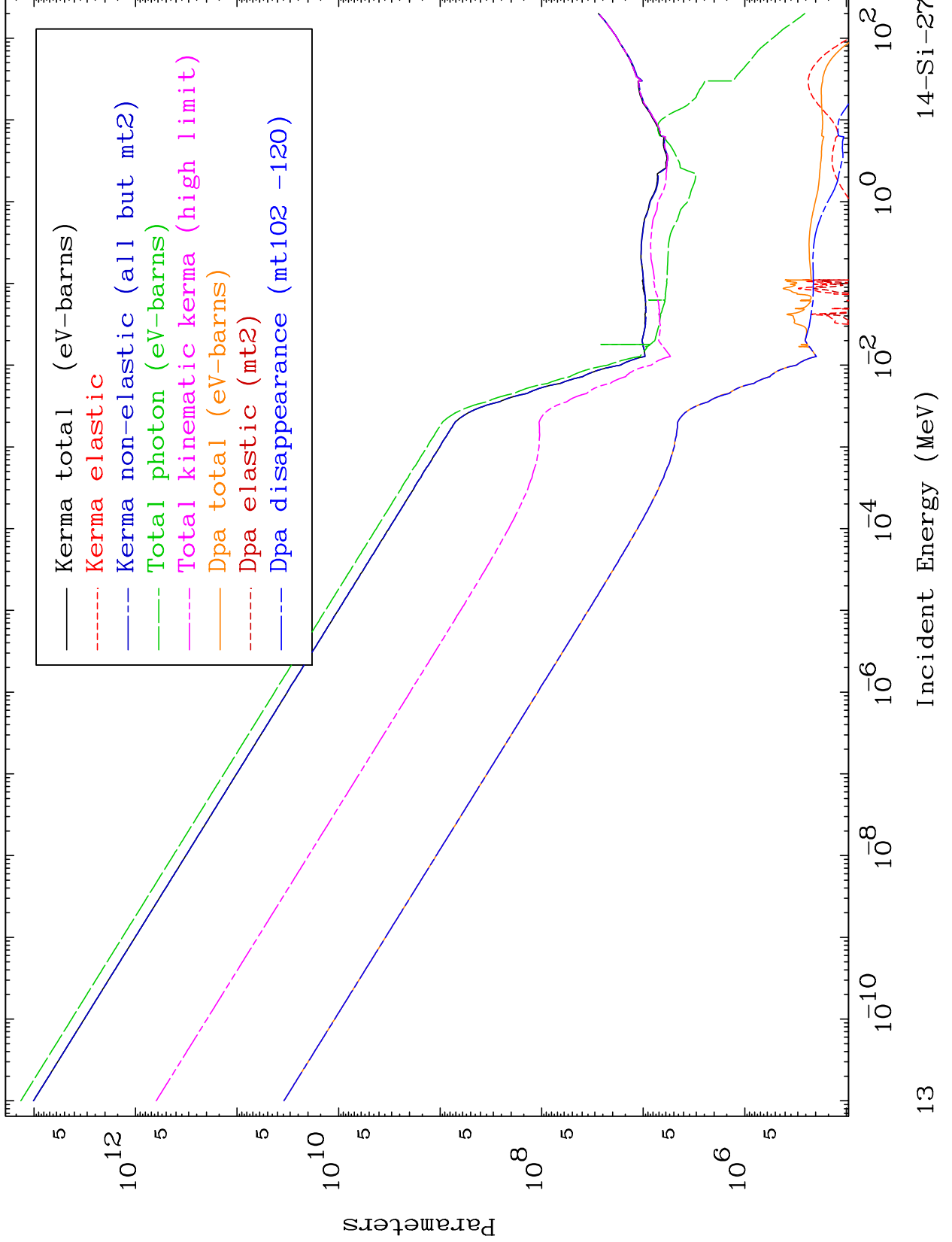
14-Si-27

MAT 1422

(n,α) Levels
293 Kelvin Cross Sections

14-Si-27

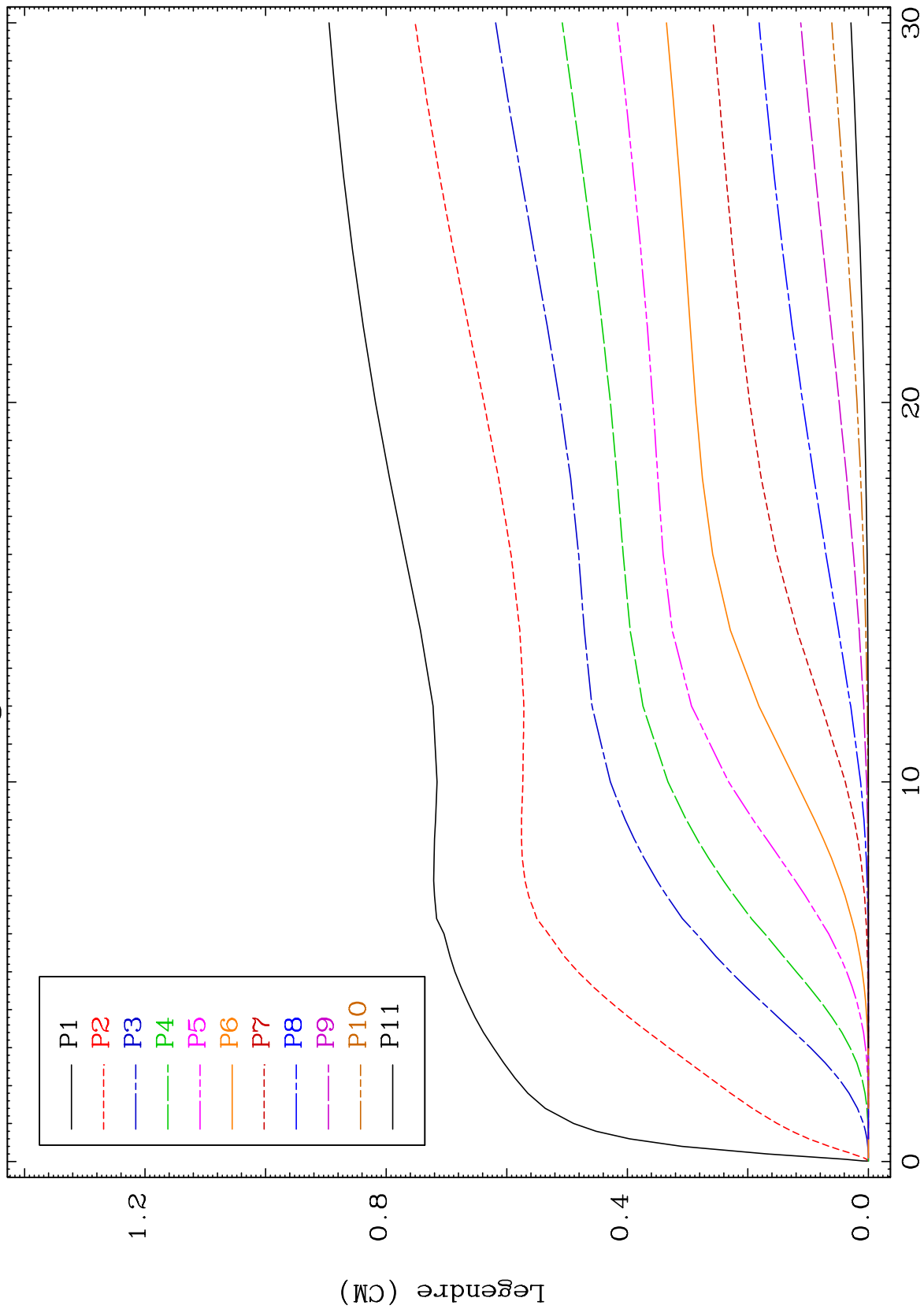




MAT 1422

Elastic Legendre Coefficients

14-Si-27



14-Si-27

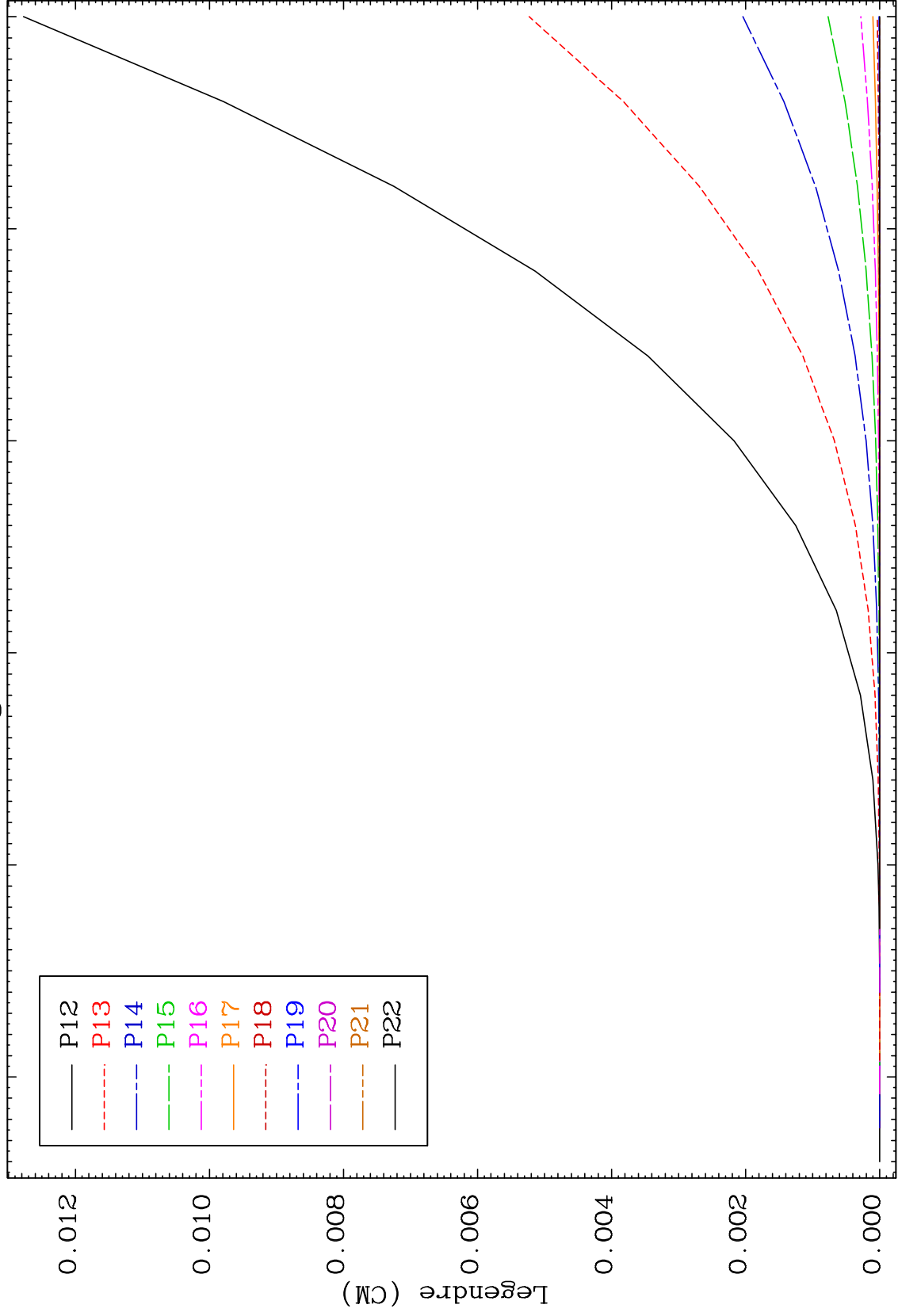
Incident Energy (MeV)

14

MAT 1422

Elastic Legendre Coefficients

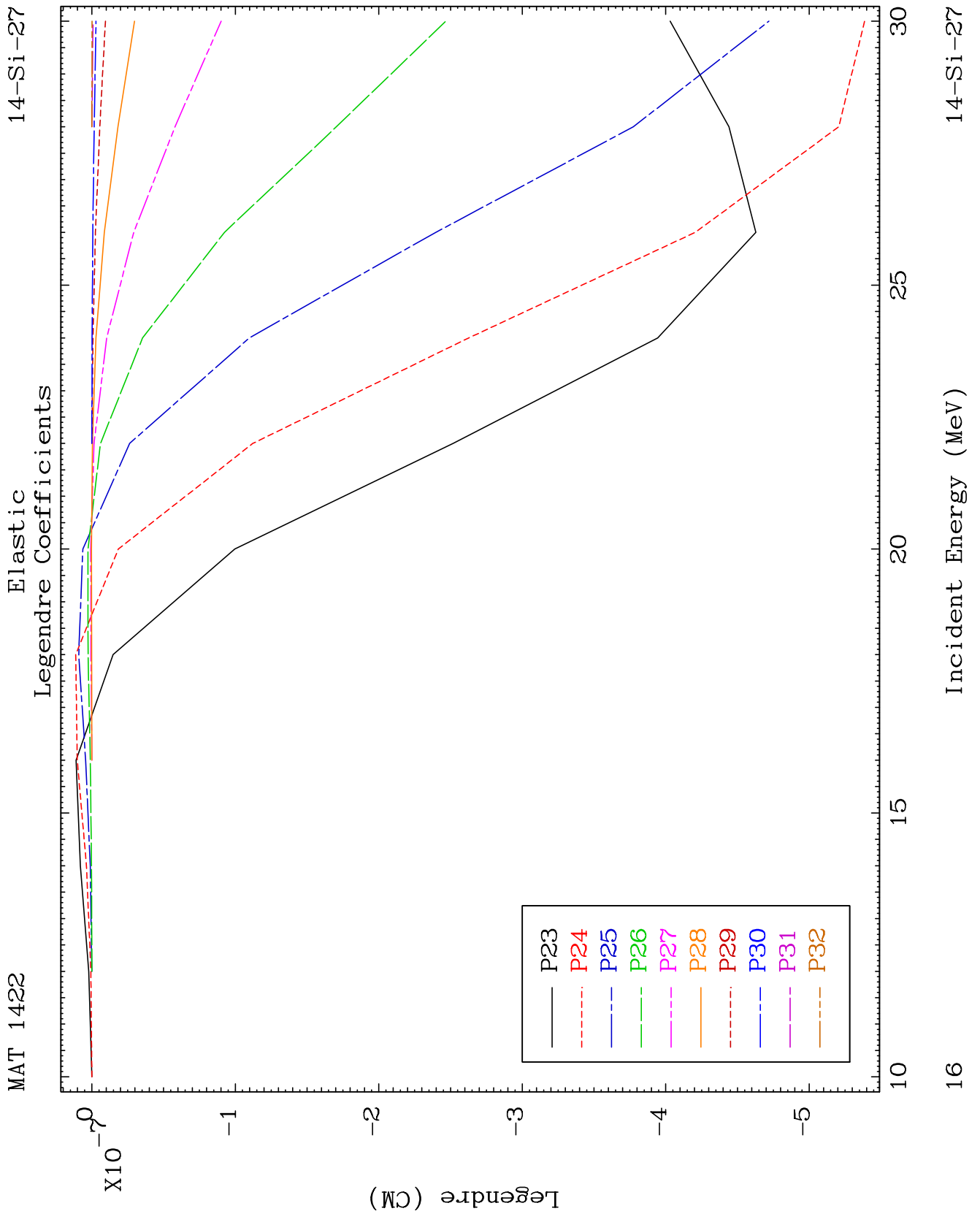
14-Si-27

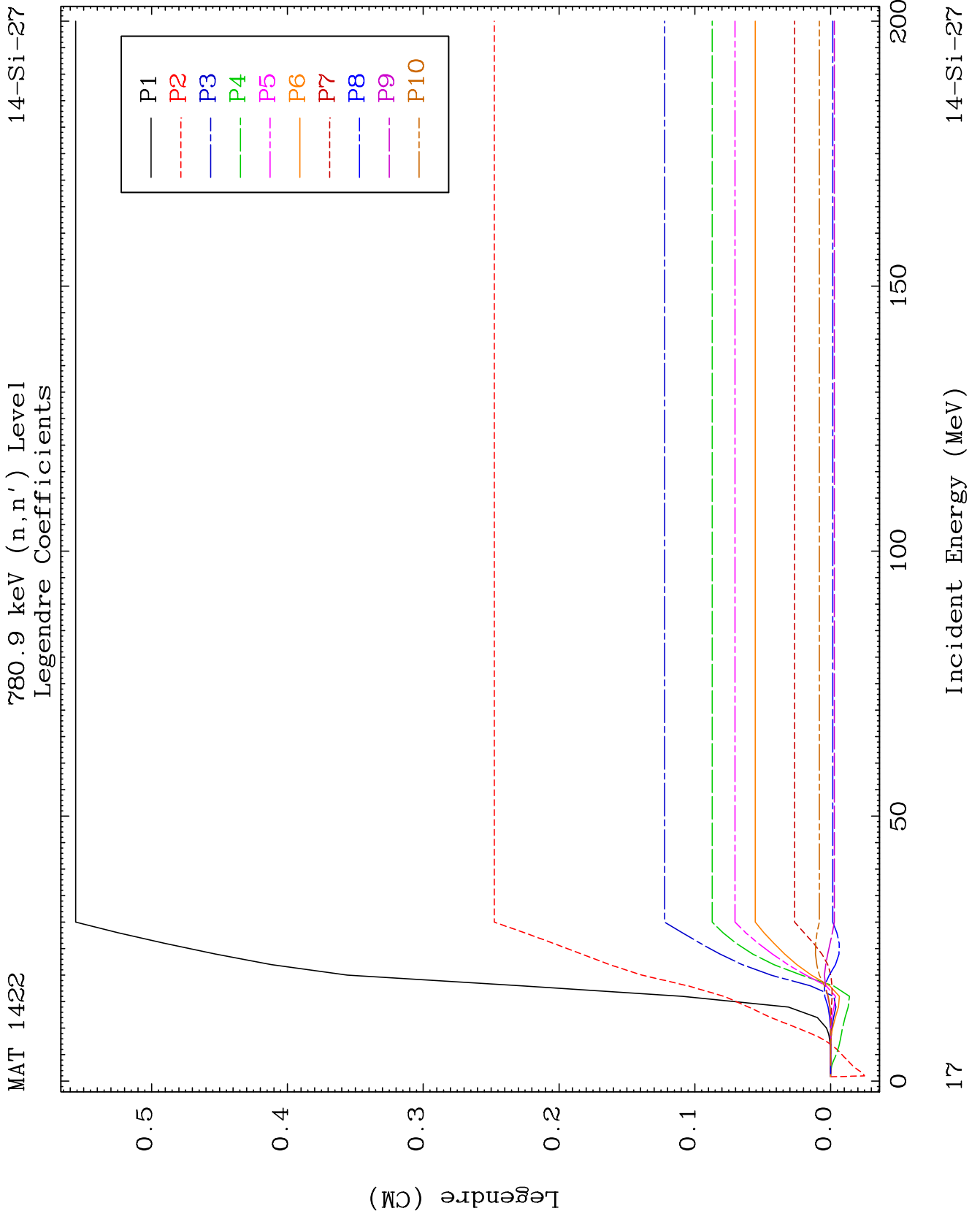


15

Incident Energy (MeV)

14-Si-27

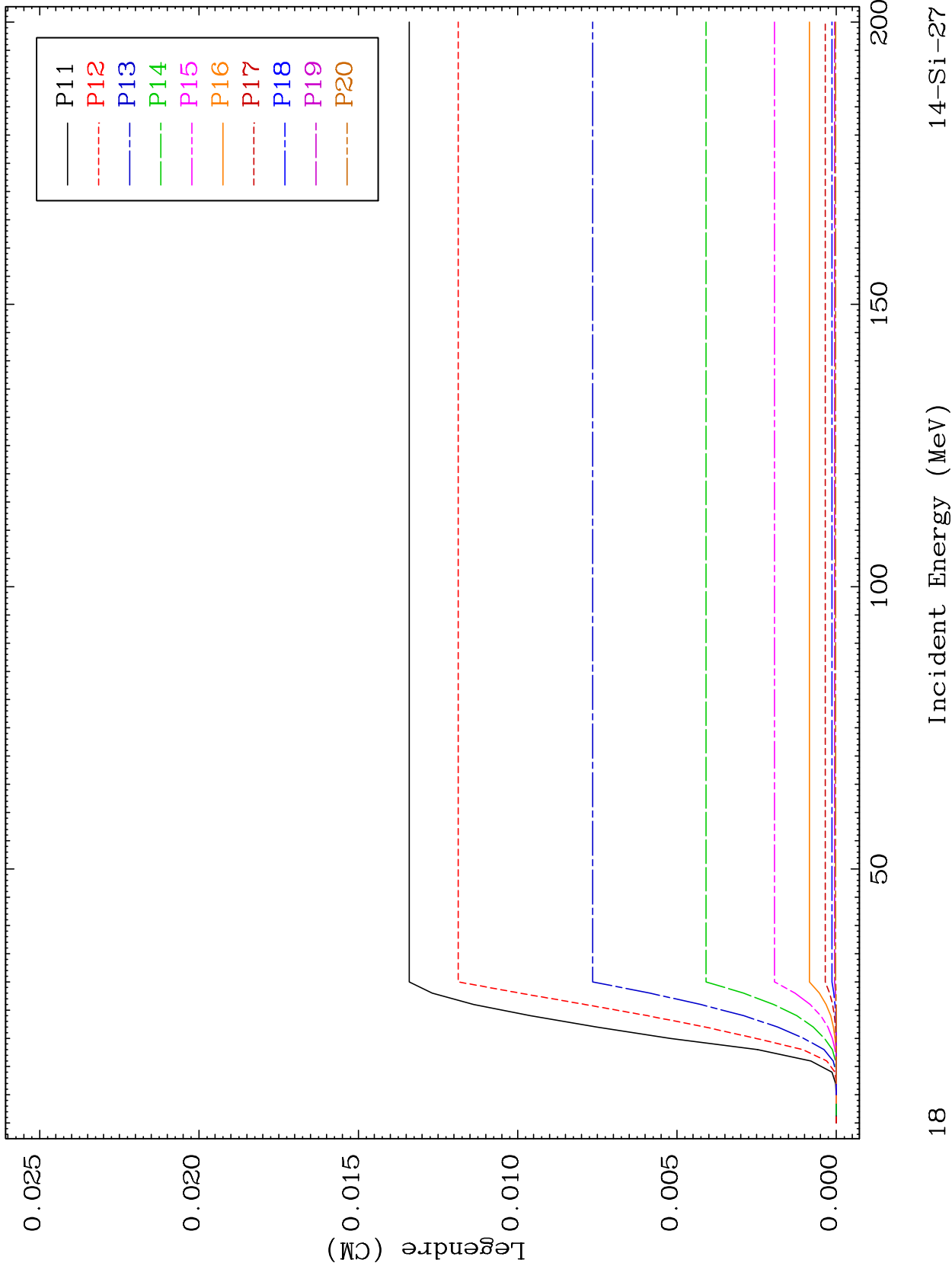




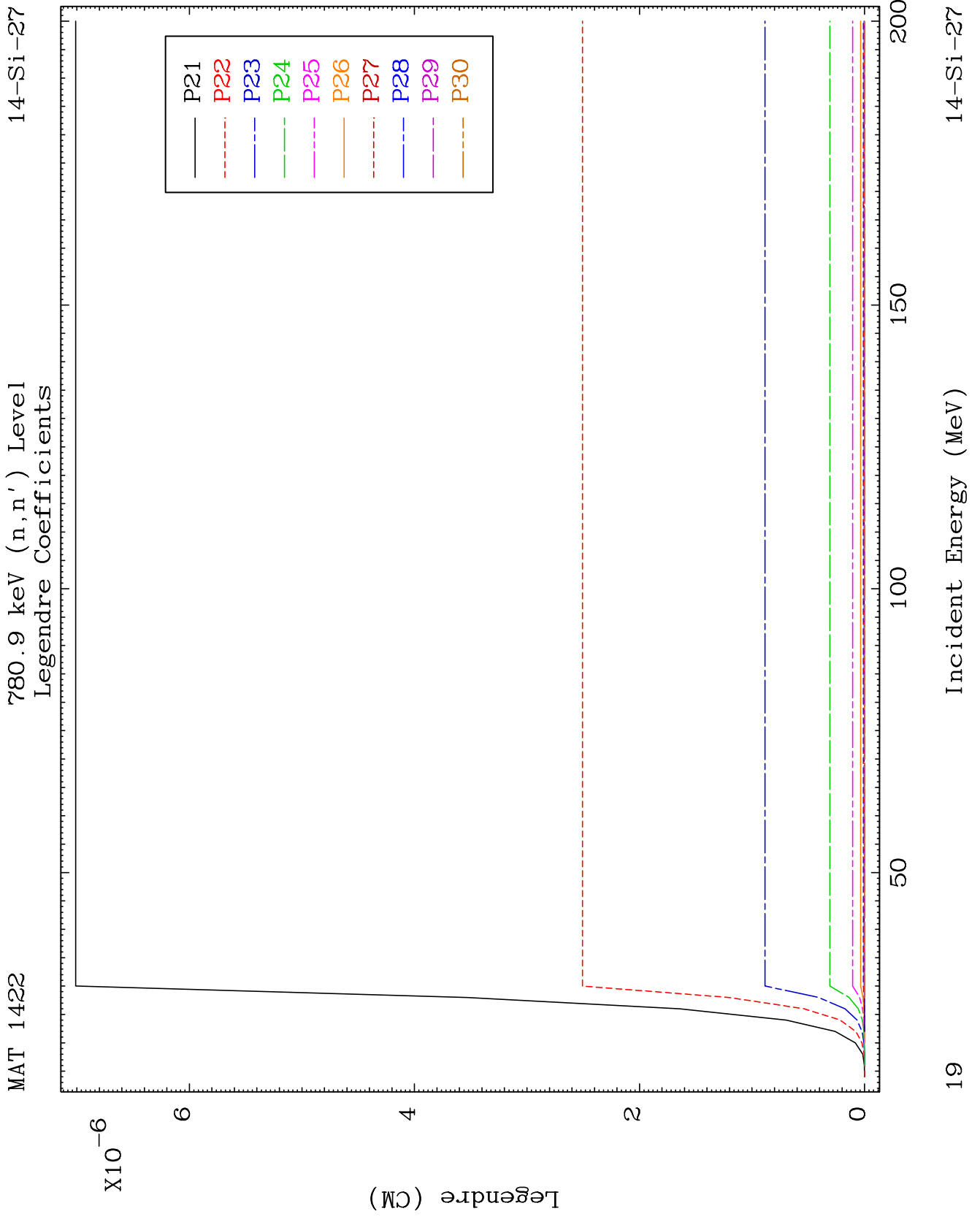
MAT 1422

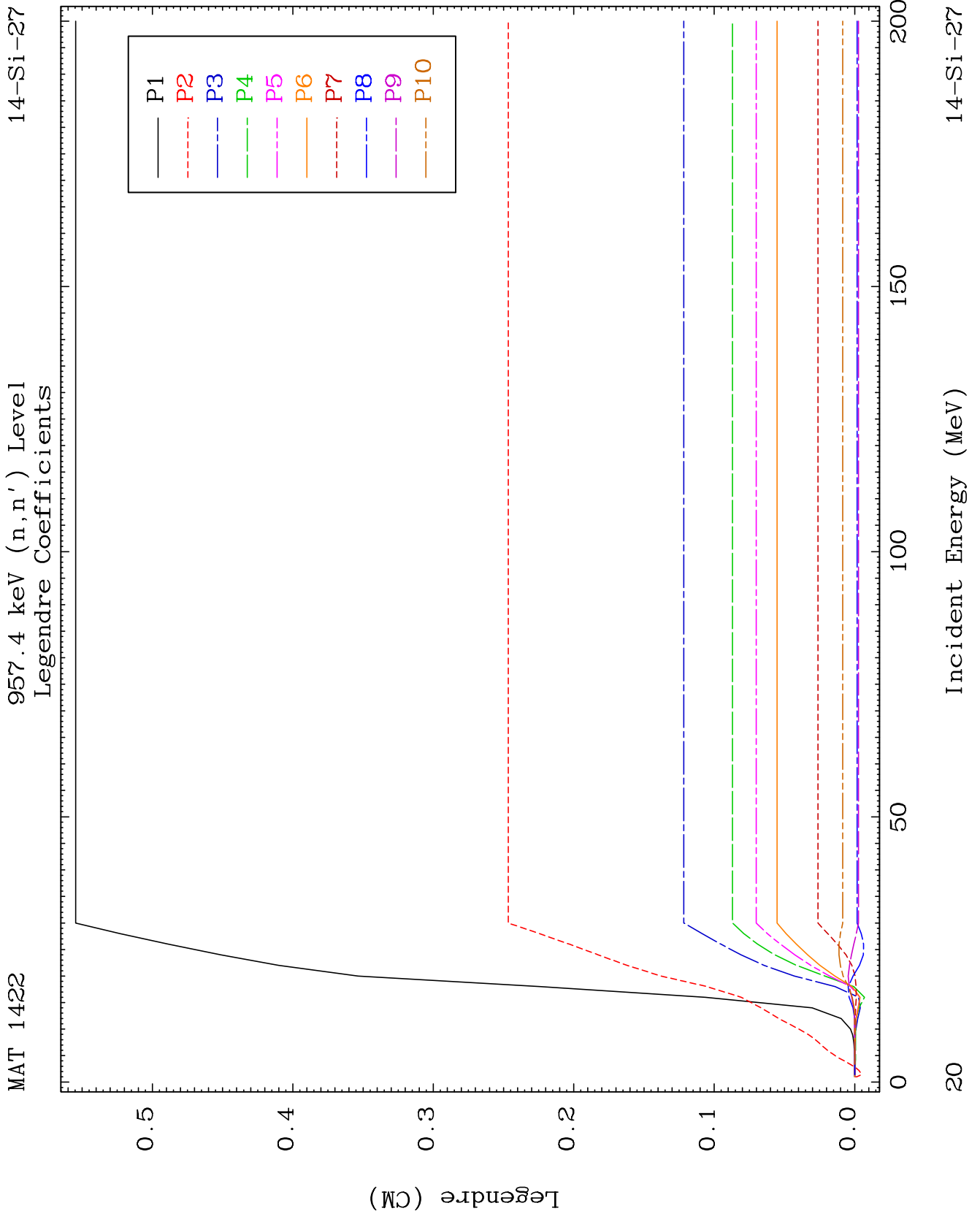
780.9 keV (n,n') Level
Legendre Coefficients

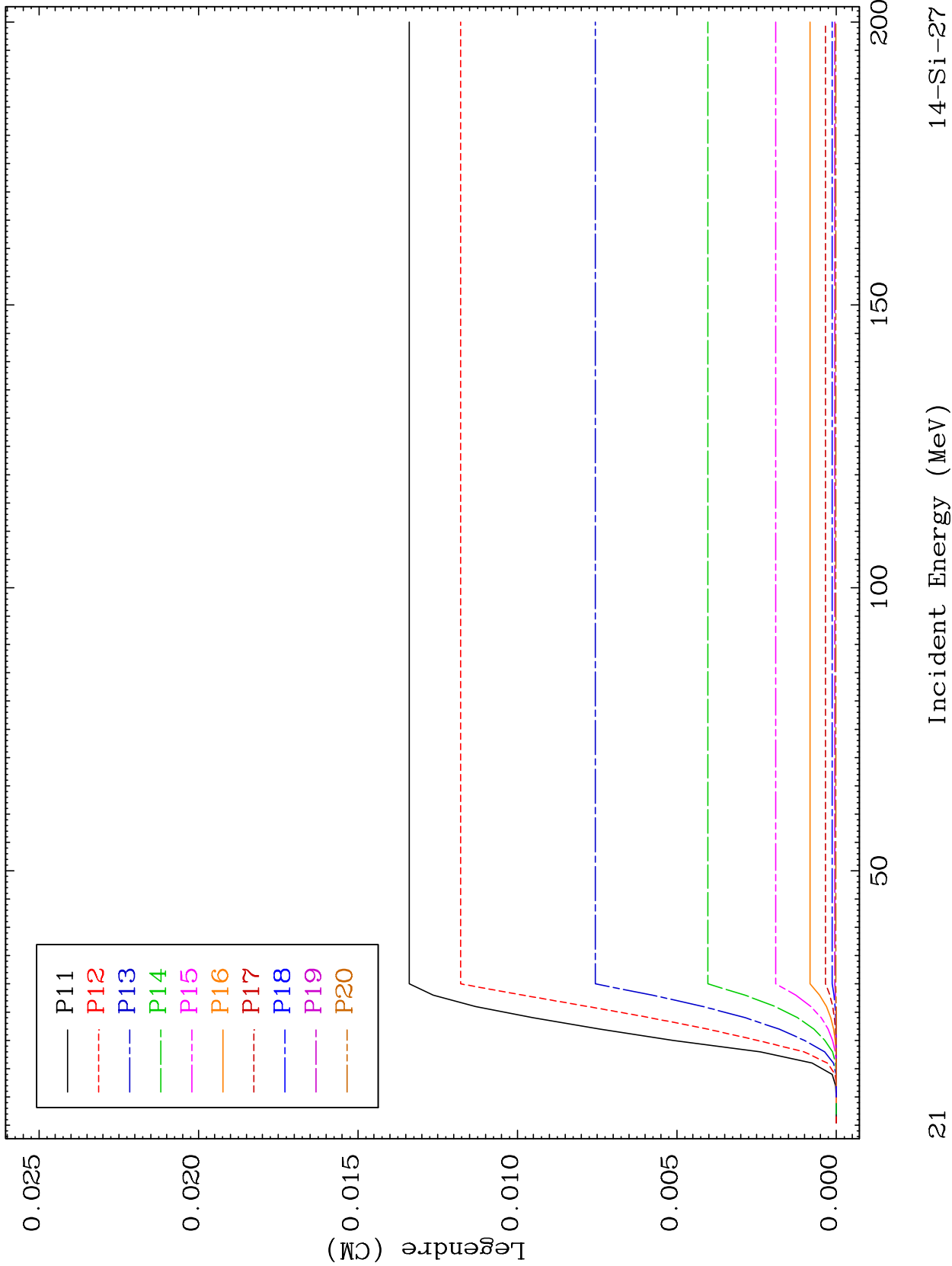
14-Si-27

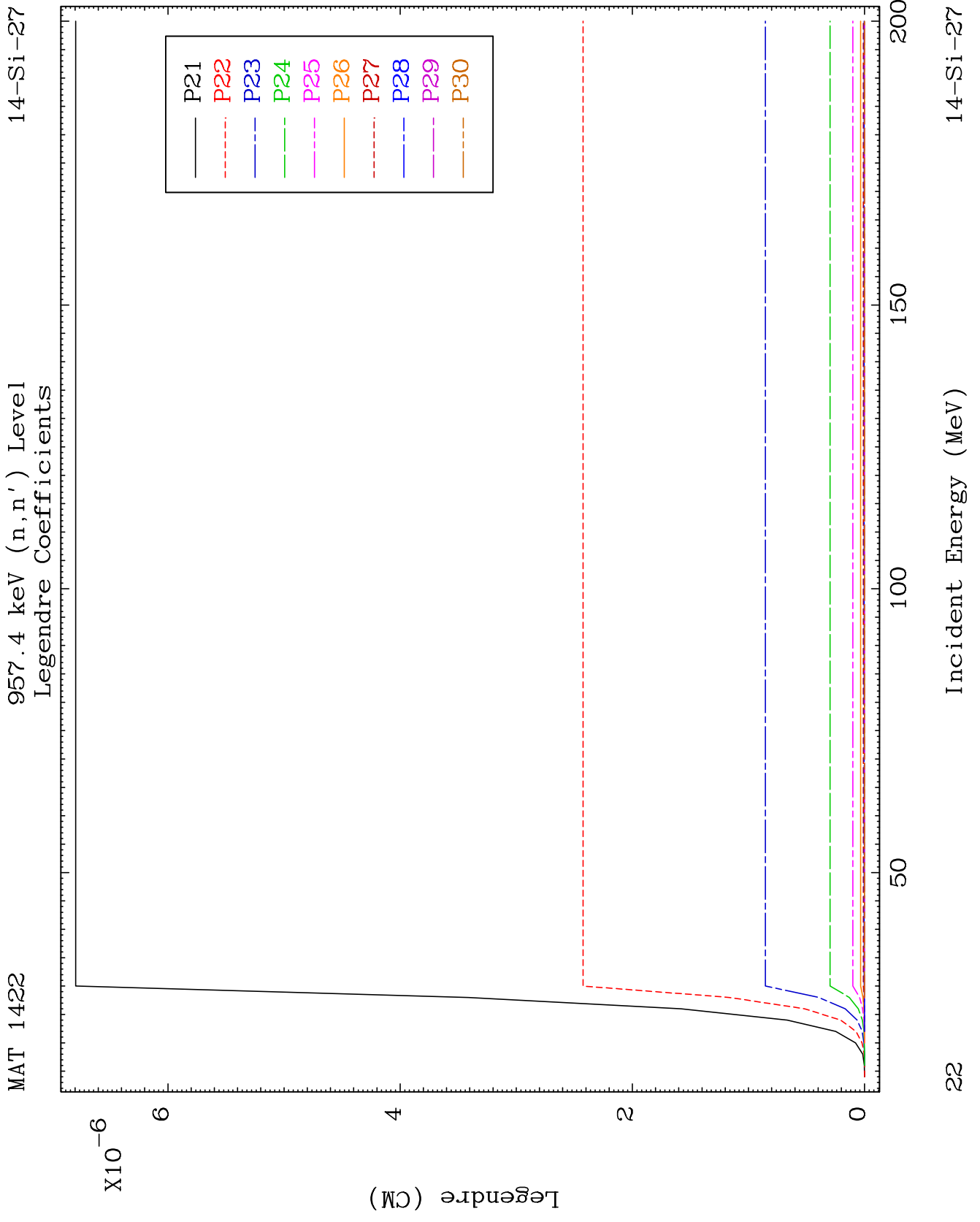


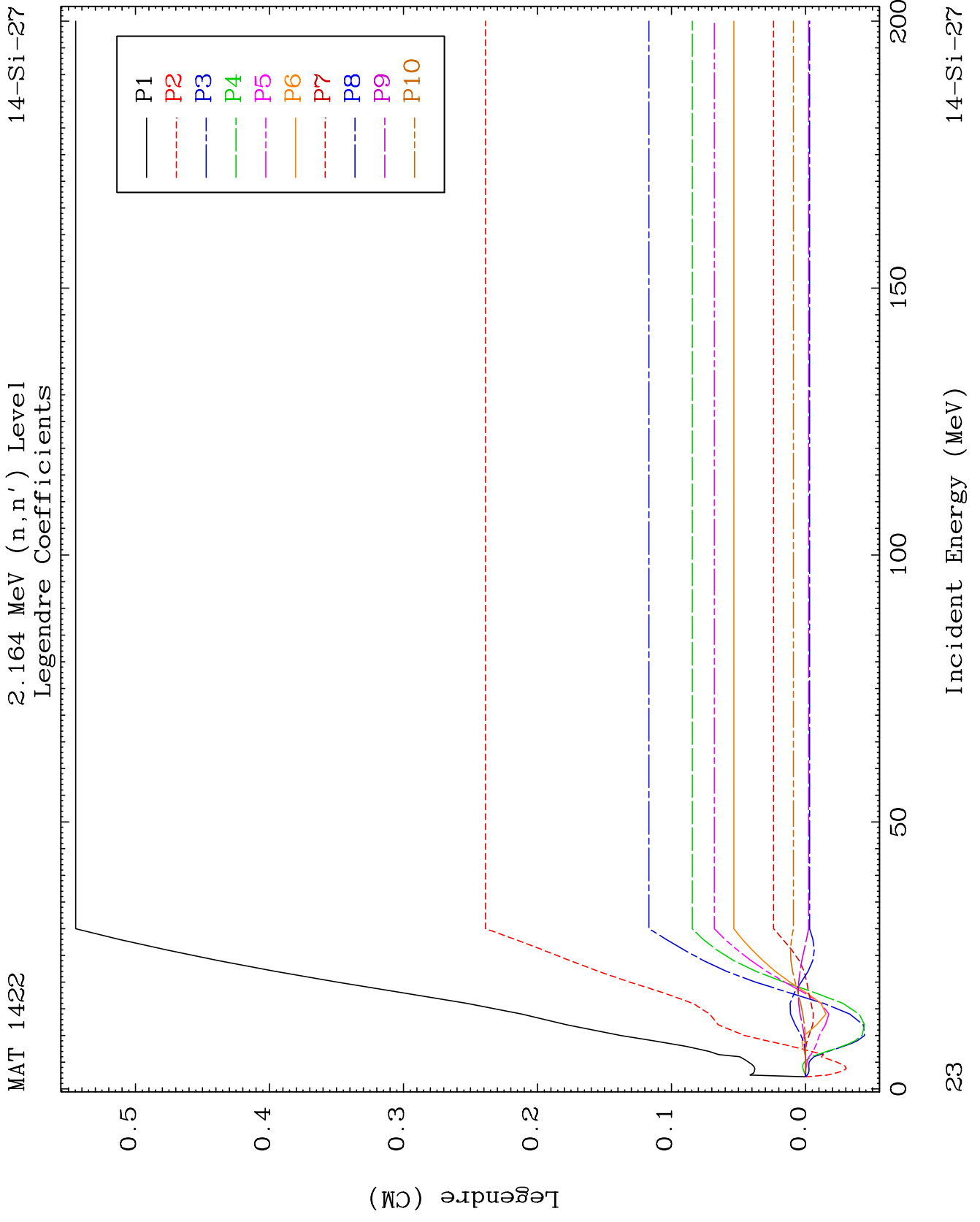
18







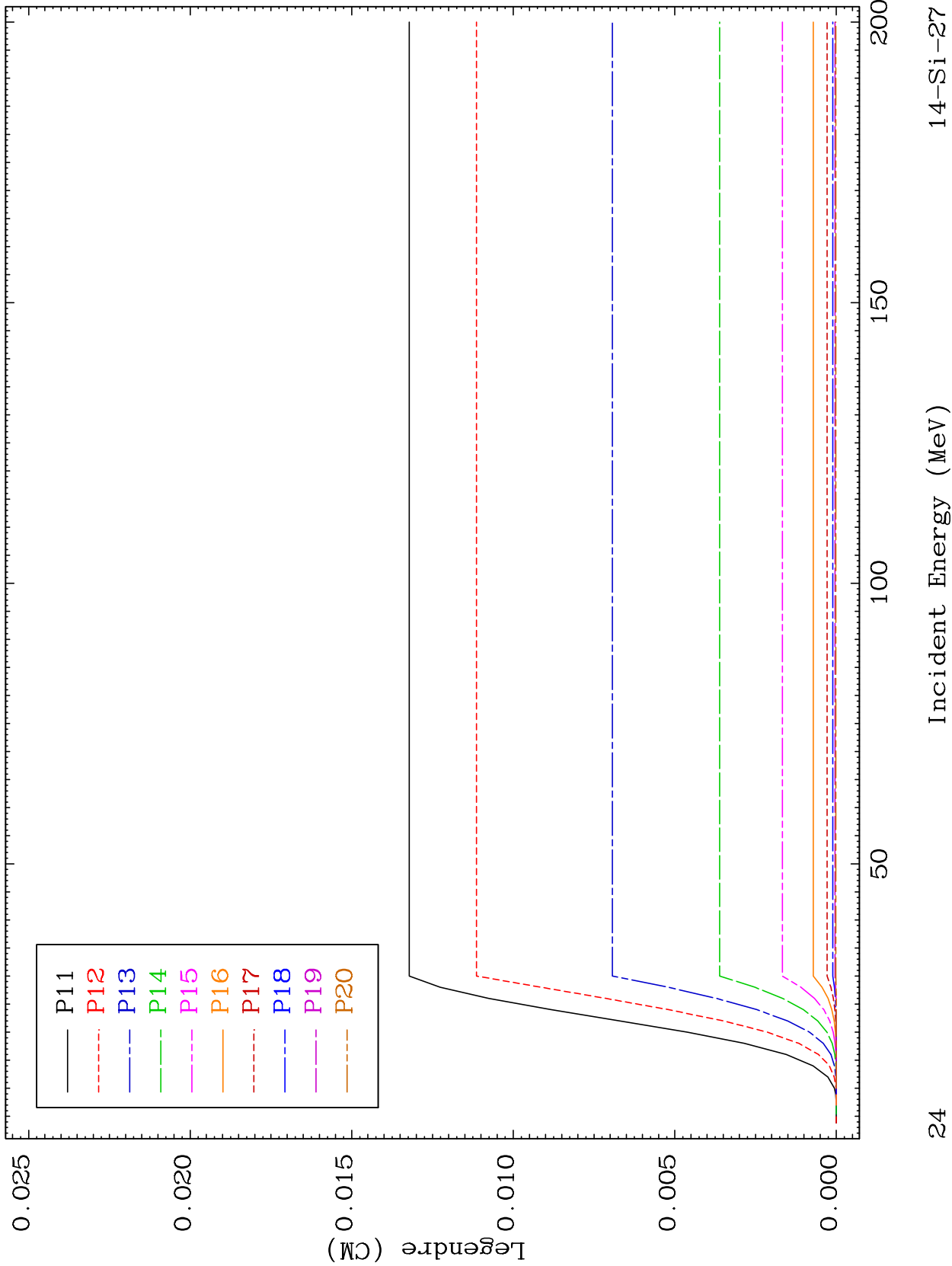




MAT 1422

2.164 MeV (n,n') Level
Legendre Coefficients

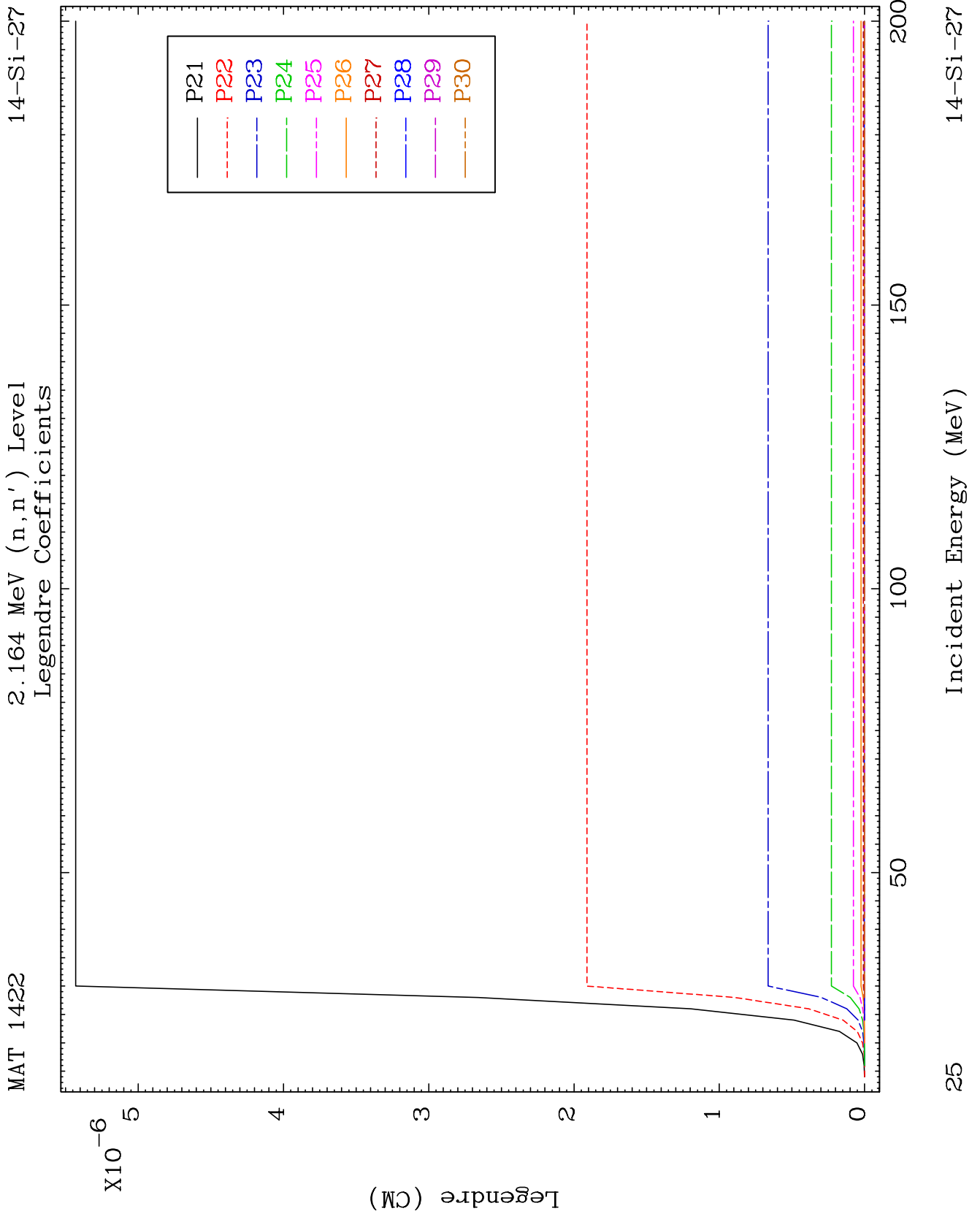
14-Si-27

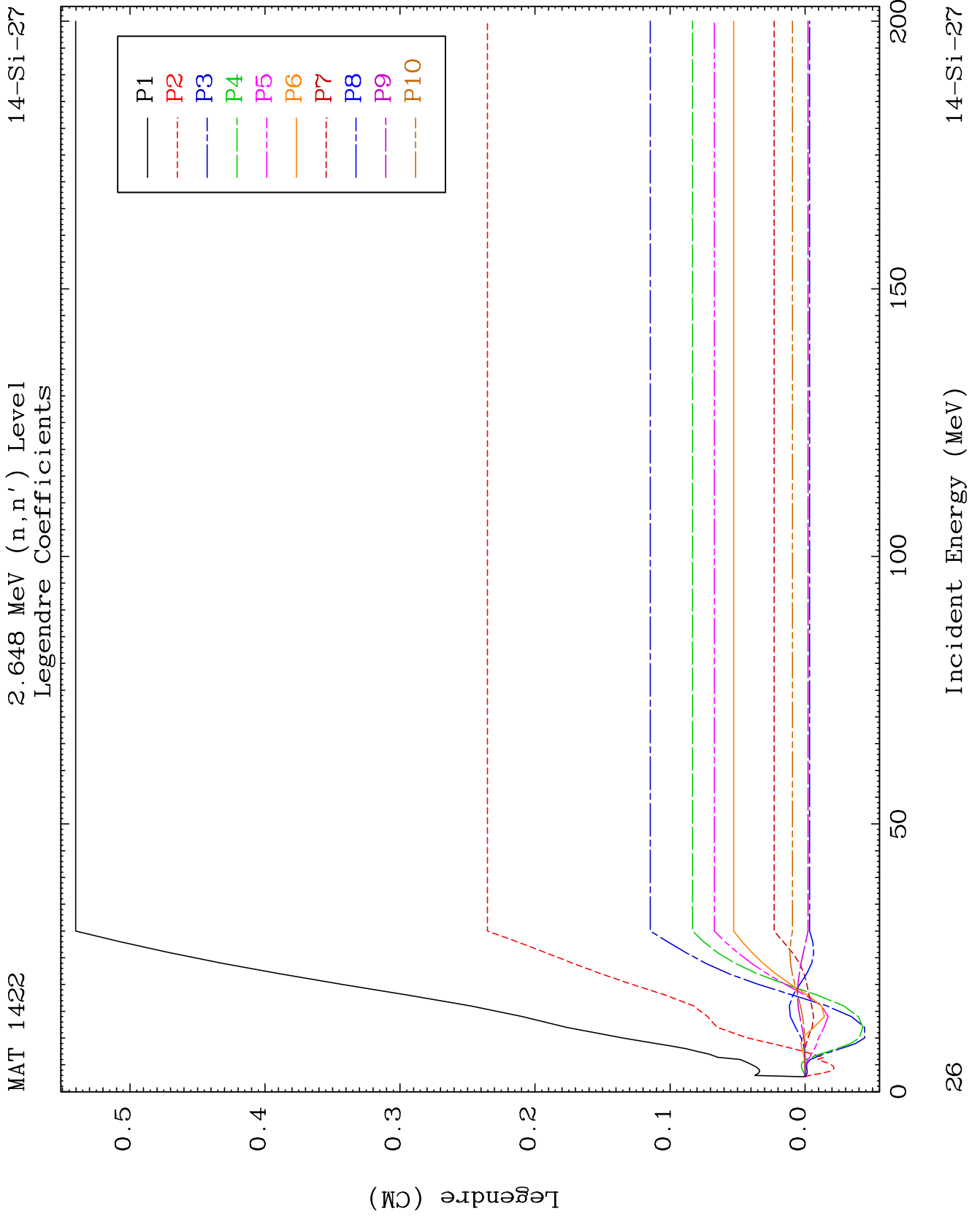


24

Incident Energy (MeV)

14-Si-27

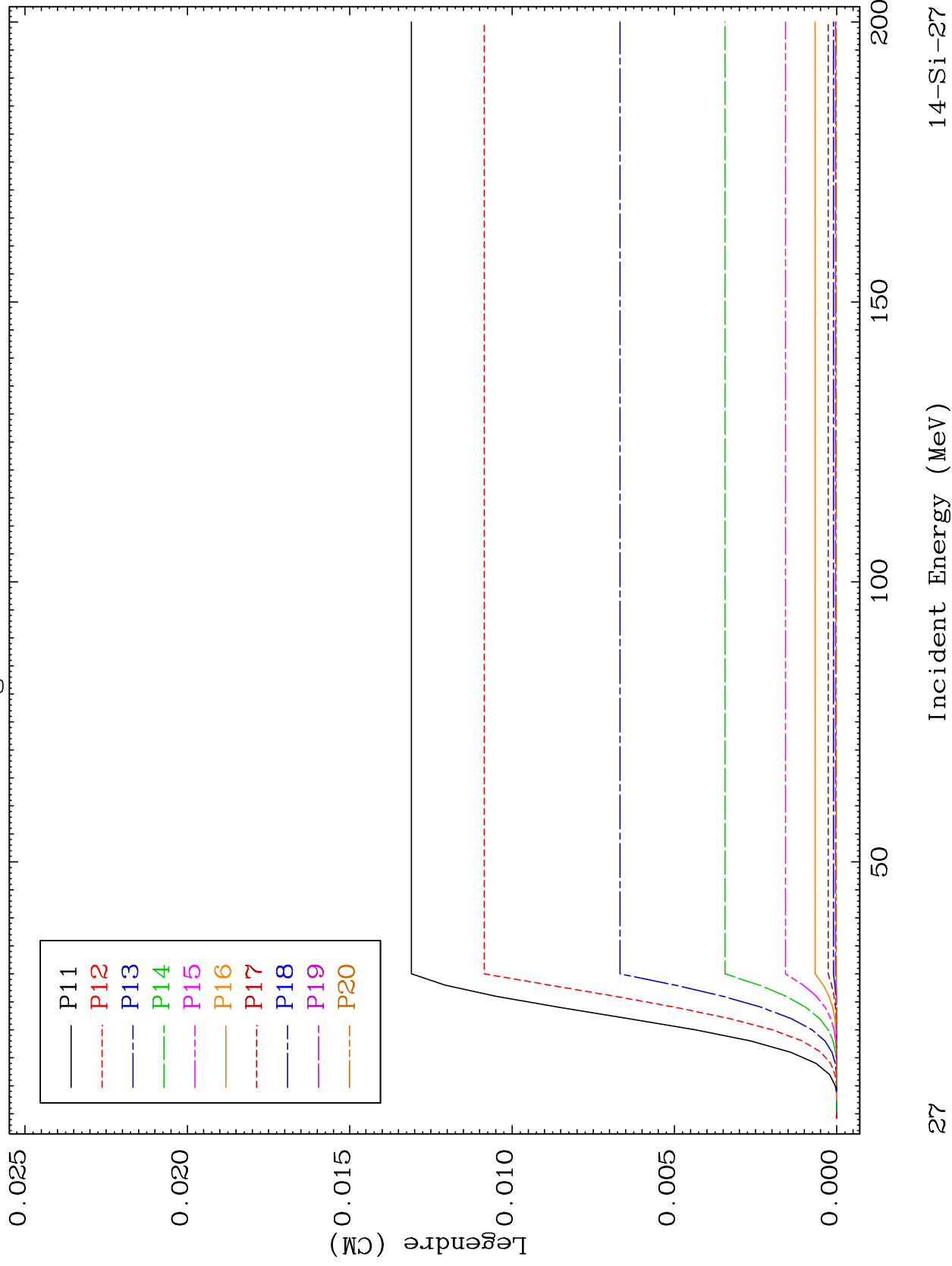




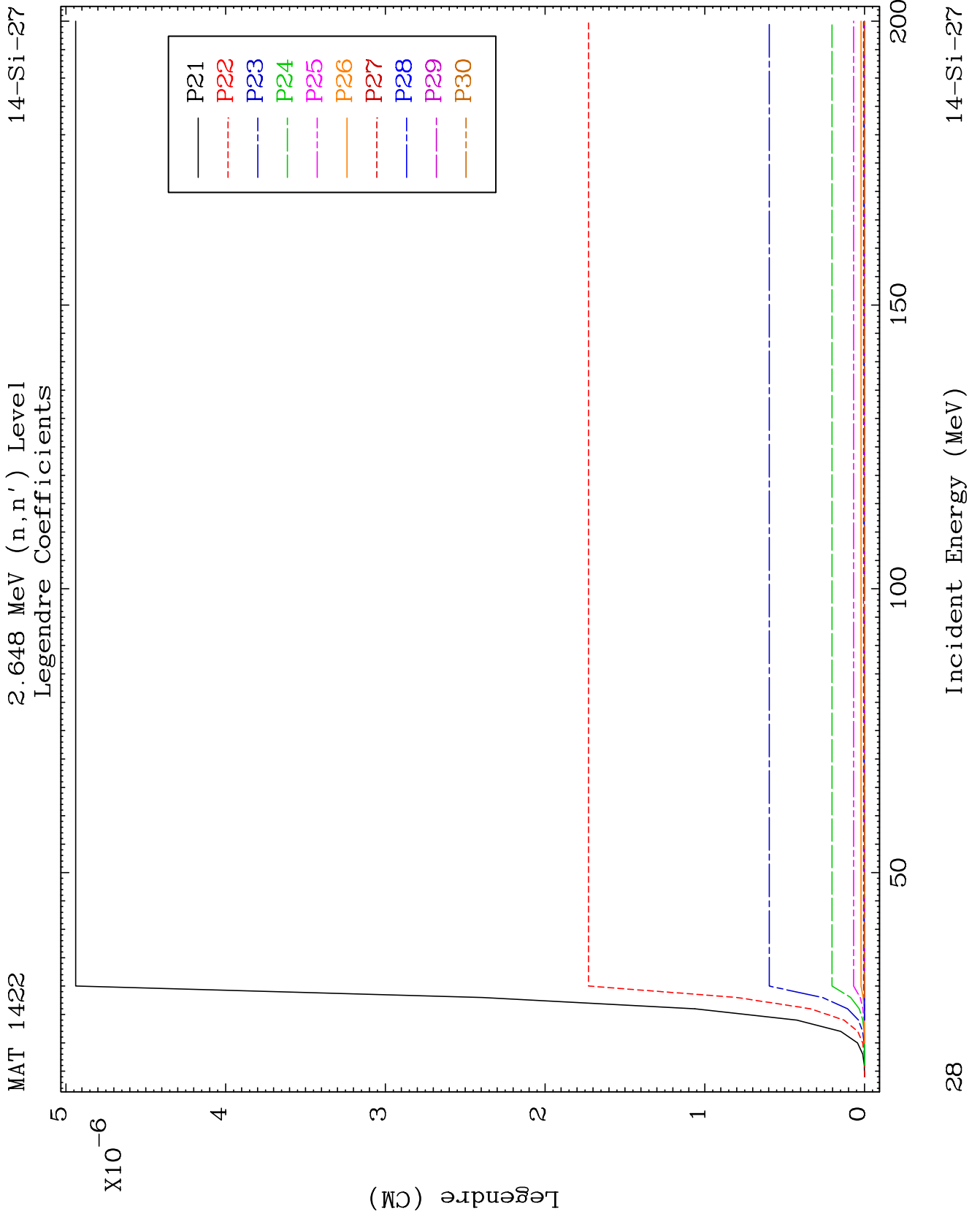
MAT 1422

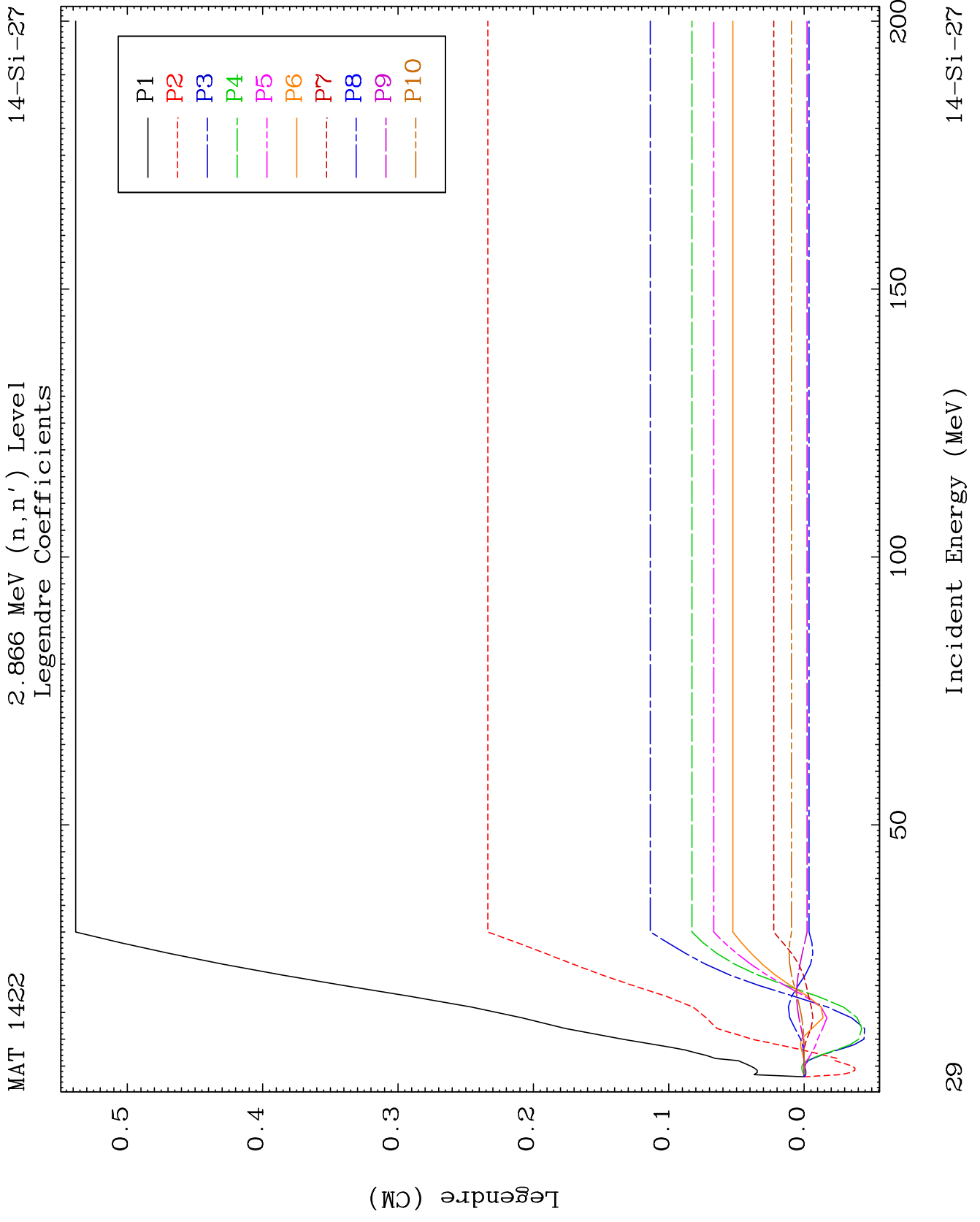
2.648 MeV (n,n') Level
Legendre Coefficients

14-Si-27



27

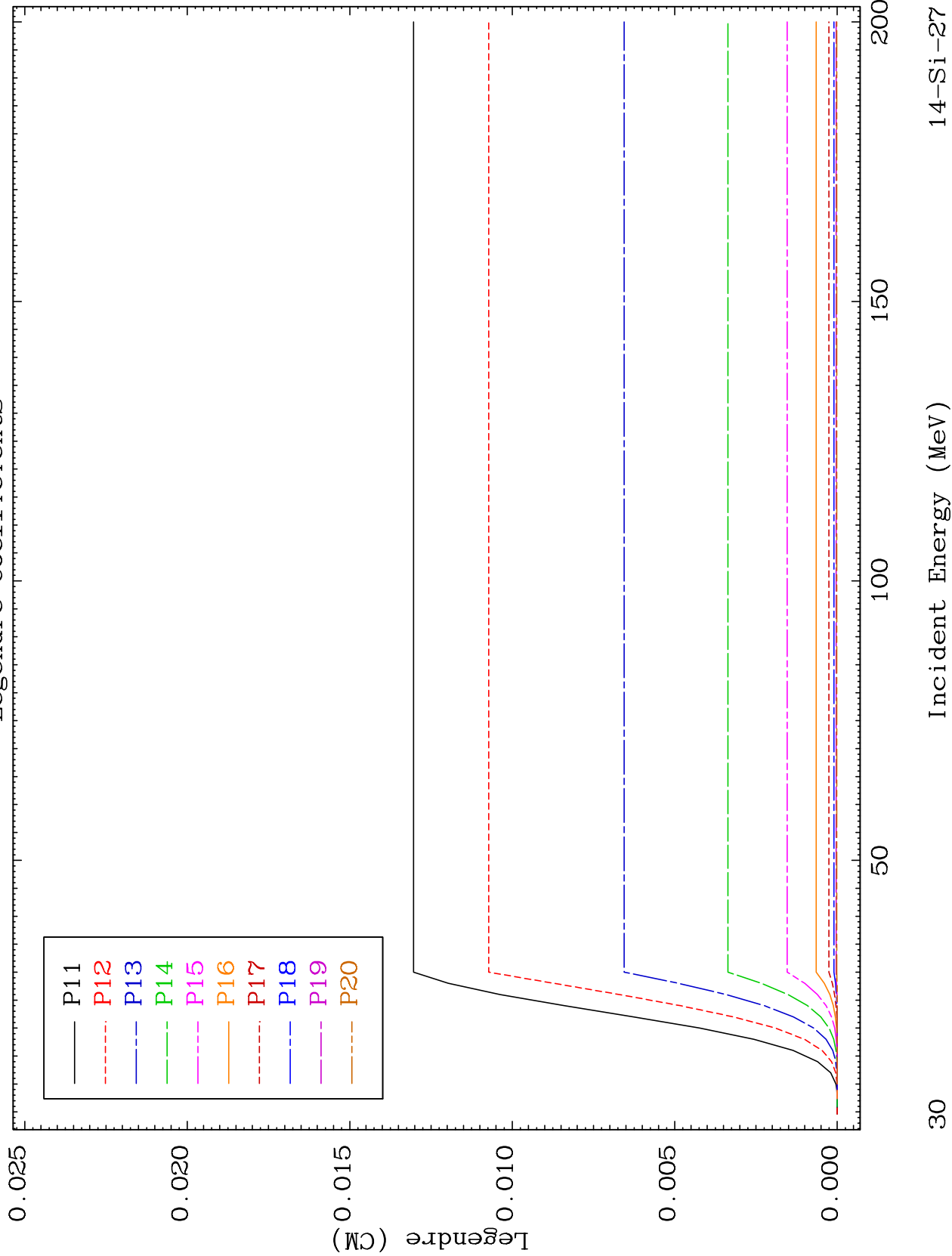




MAT 1422

2.866 MeV (n,n') Level
Legendre Coefficients

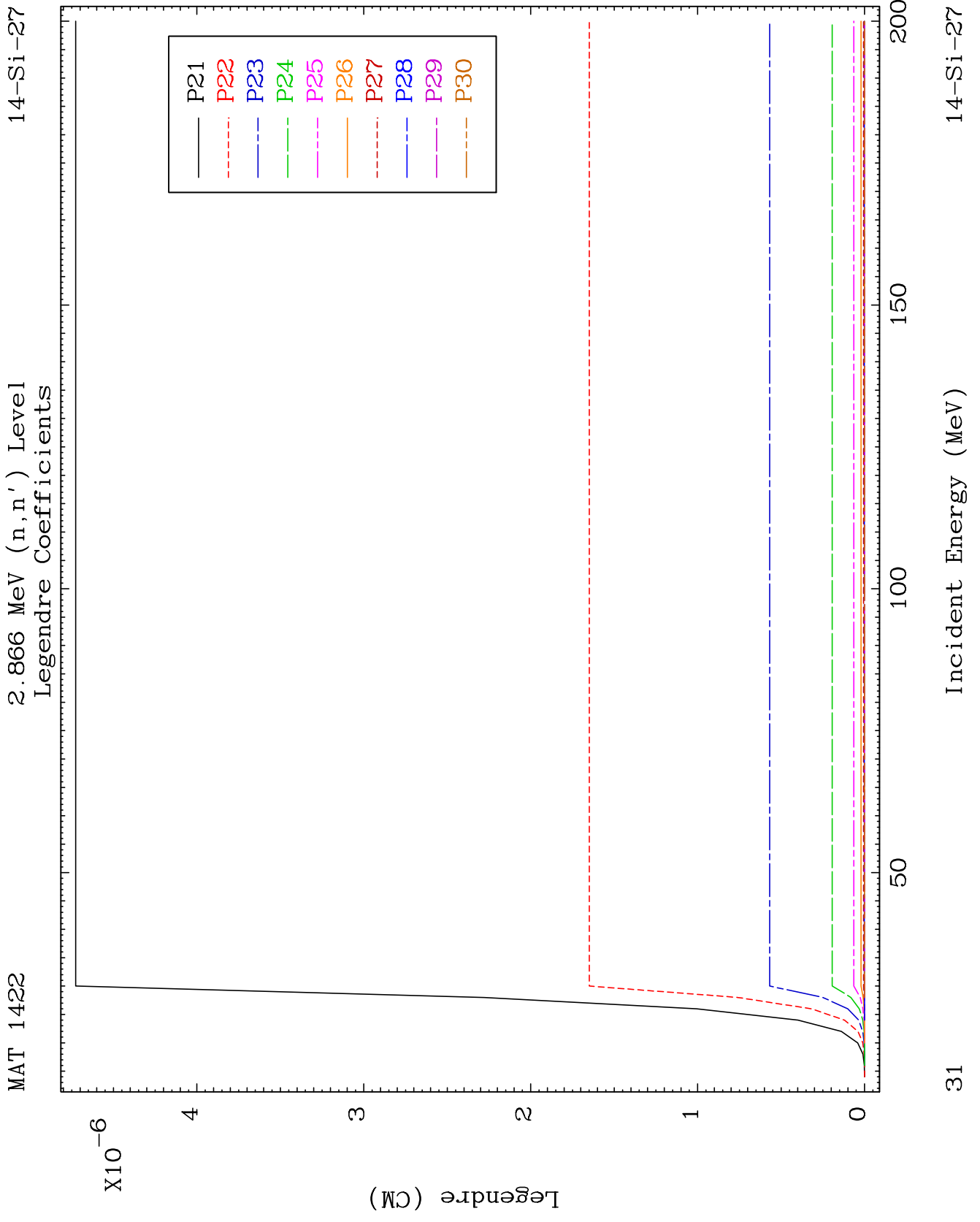
14-Si-27

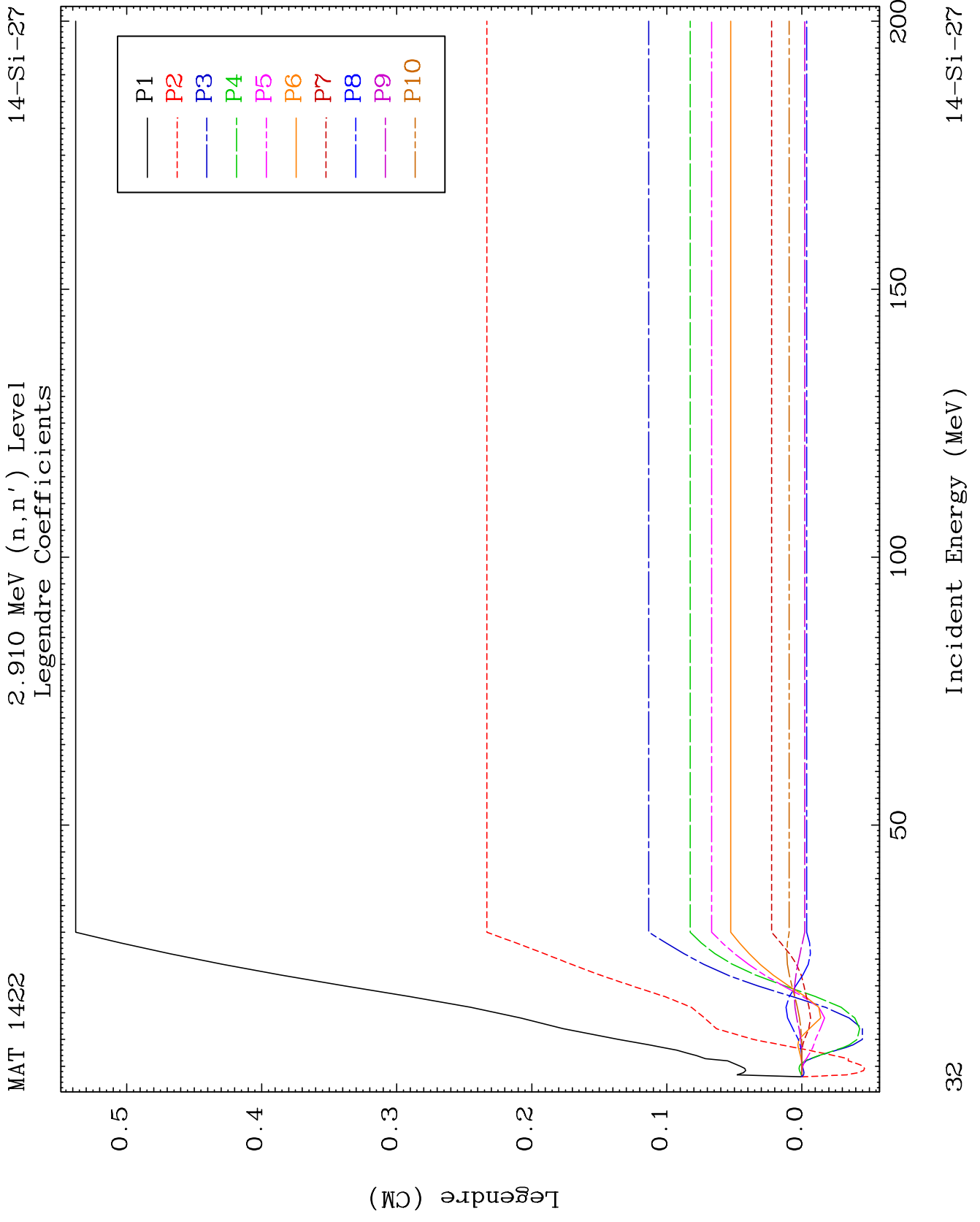


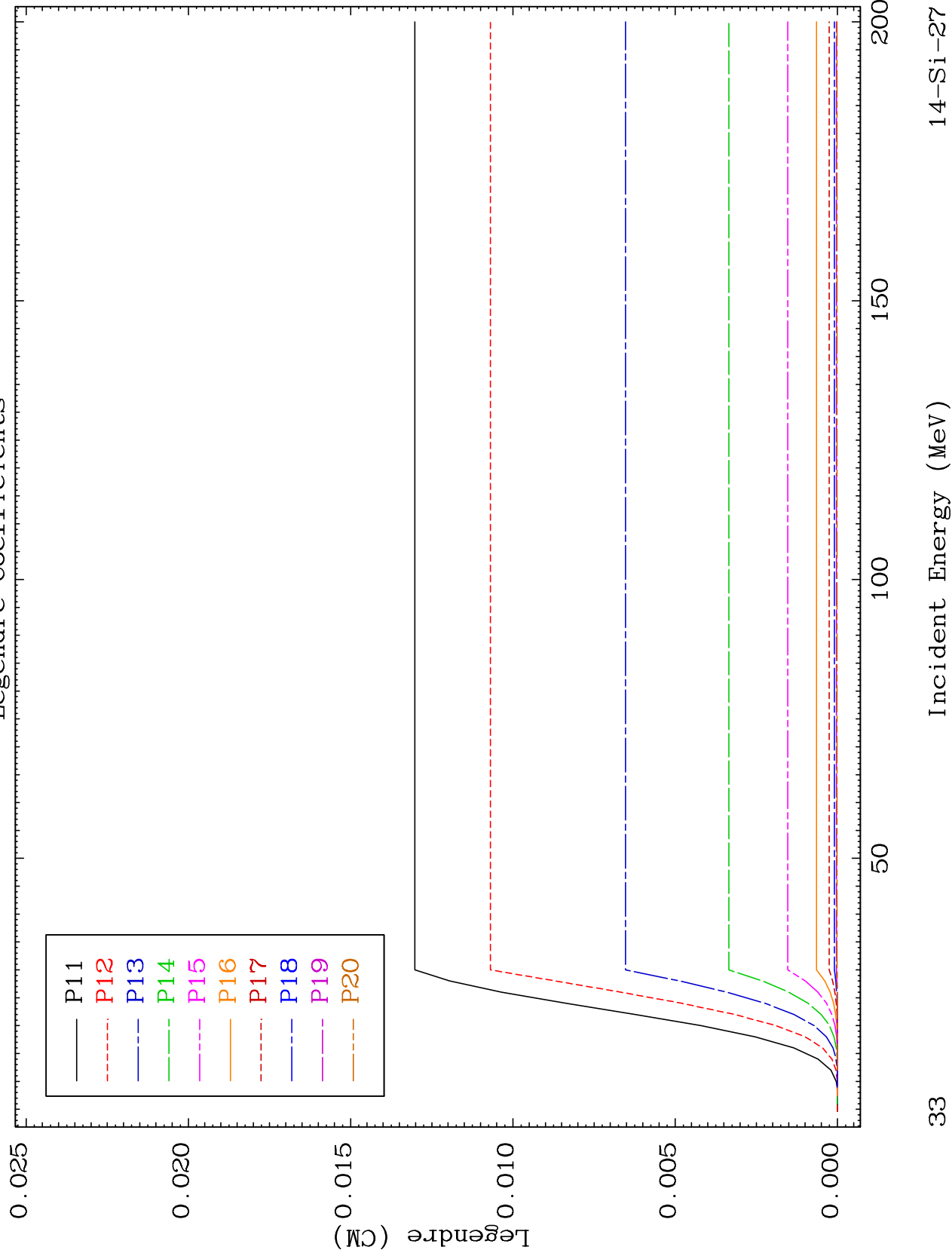
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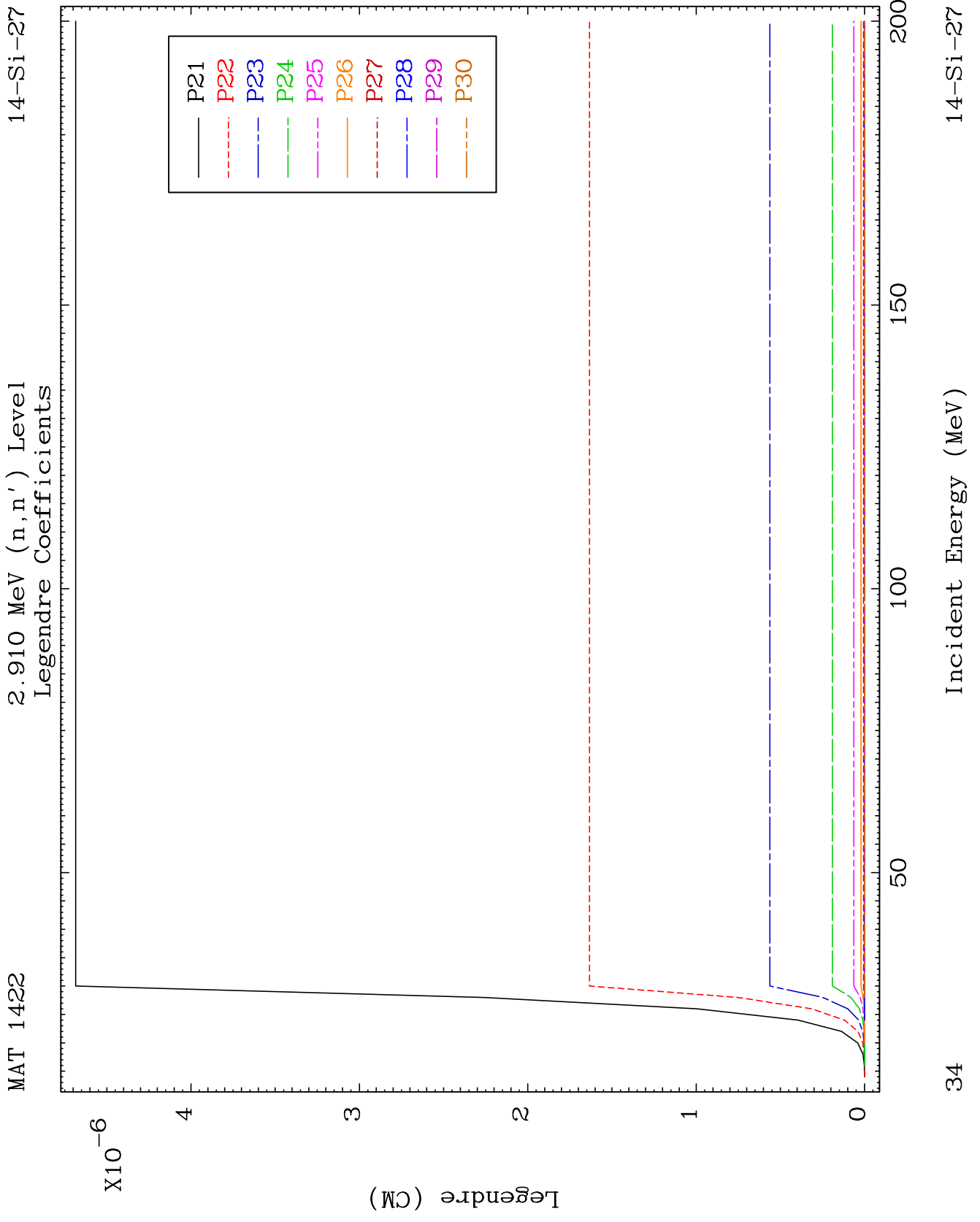
Incident Energy (MeV)

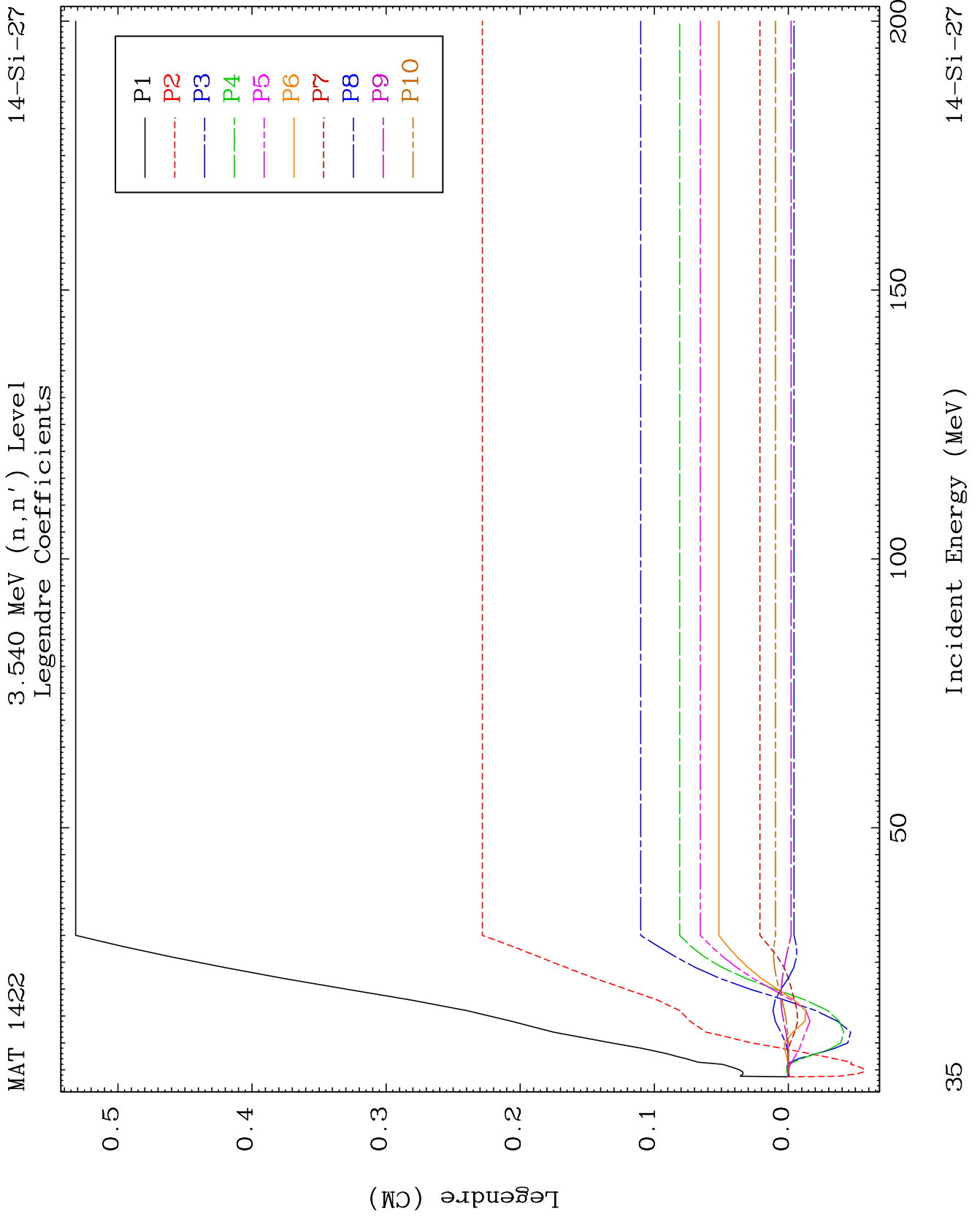
14-Si-27







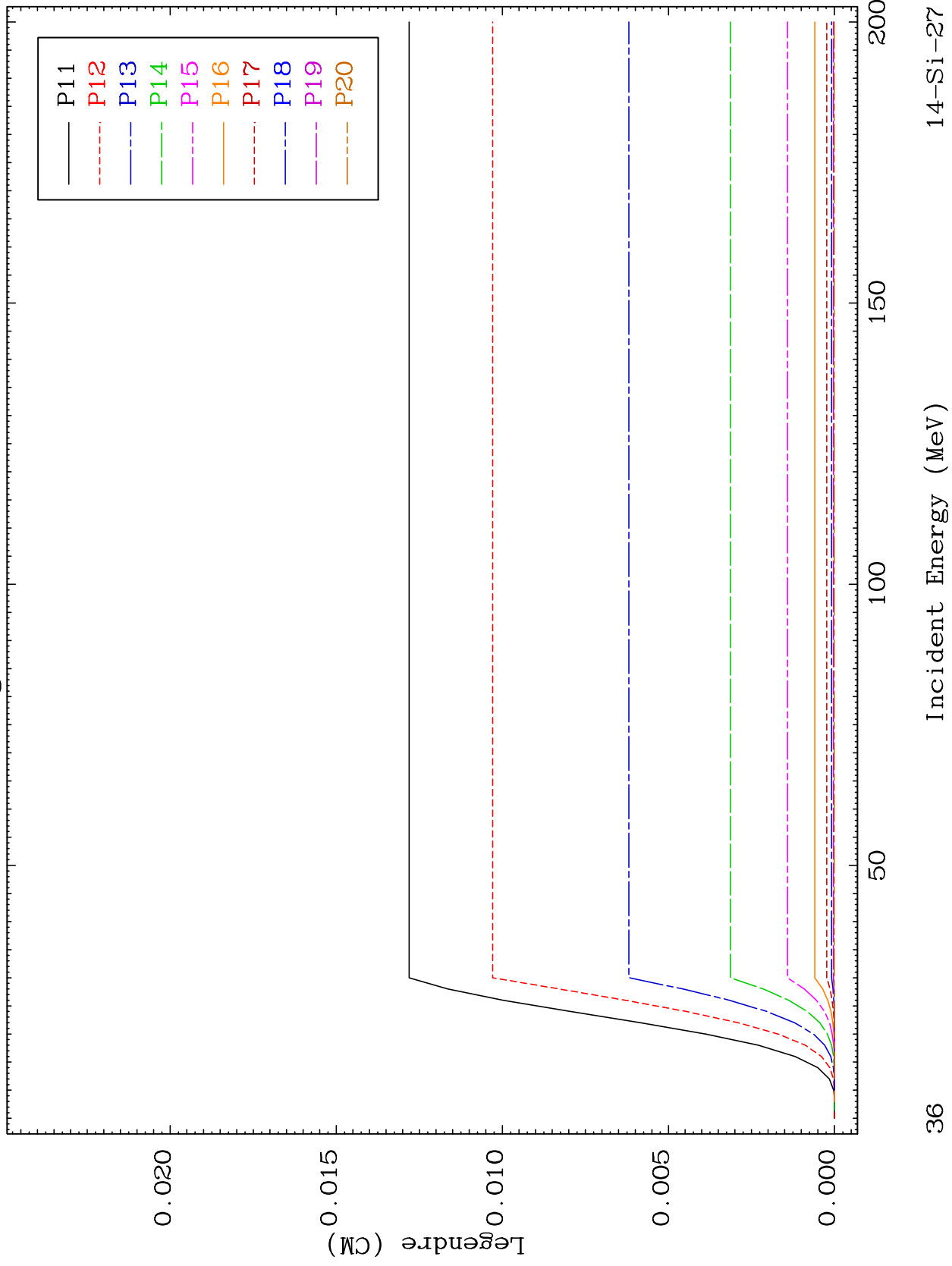




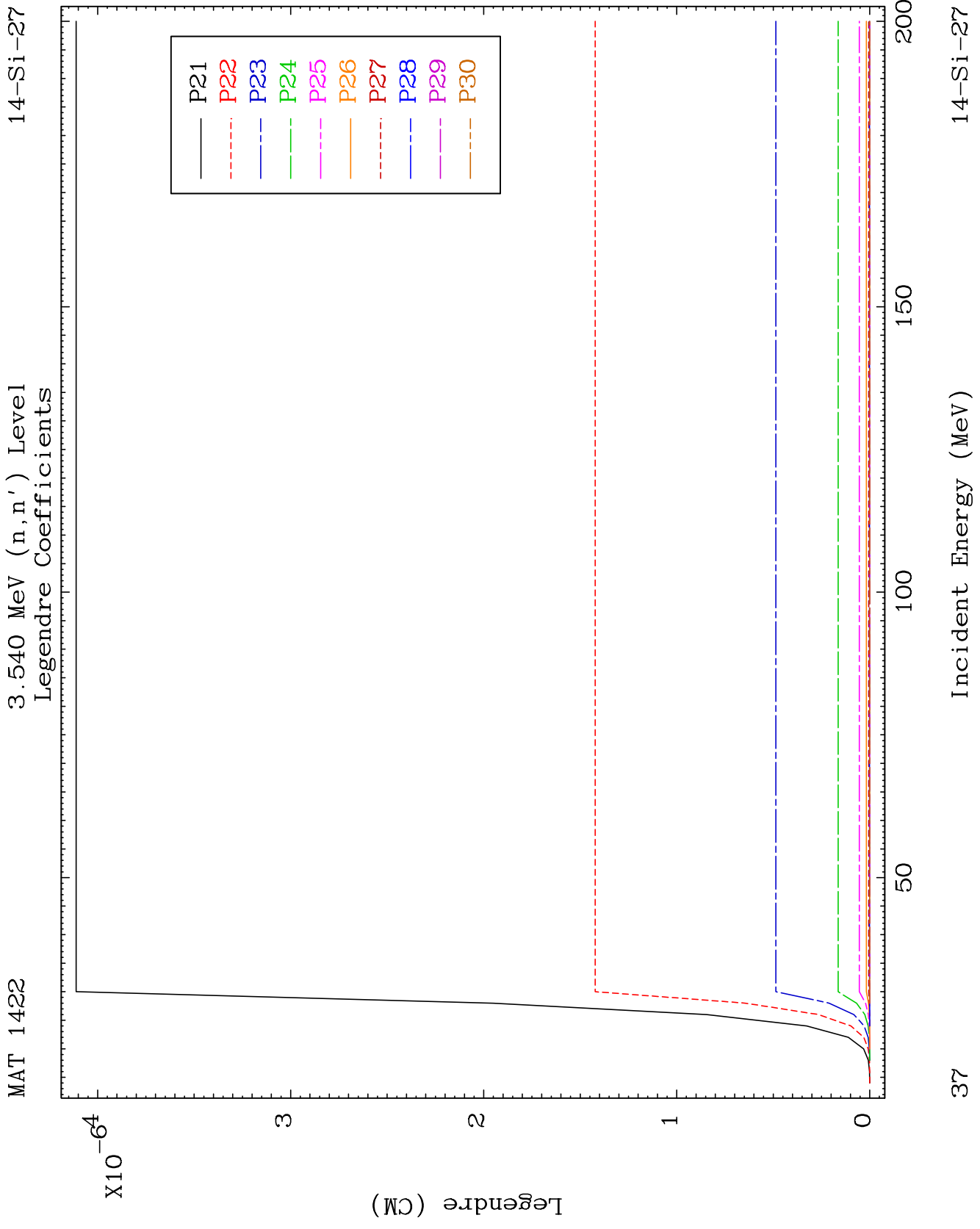
MAT 1422

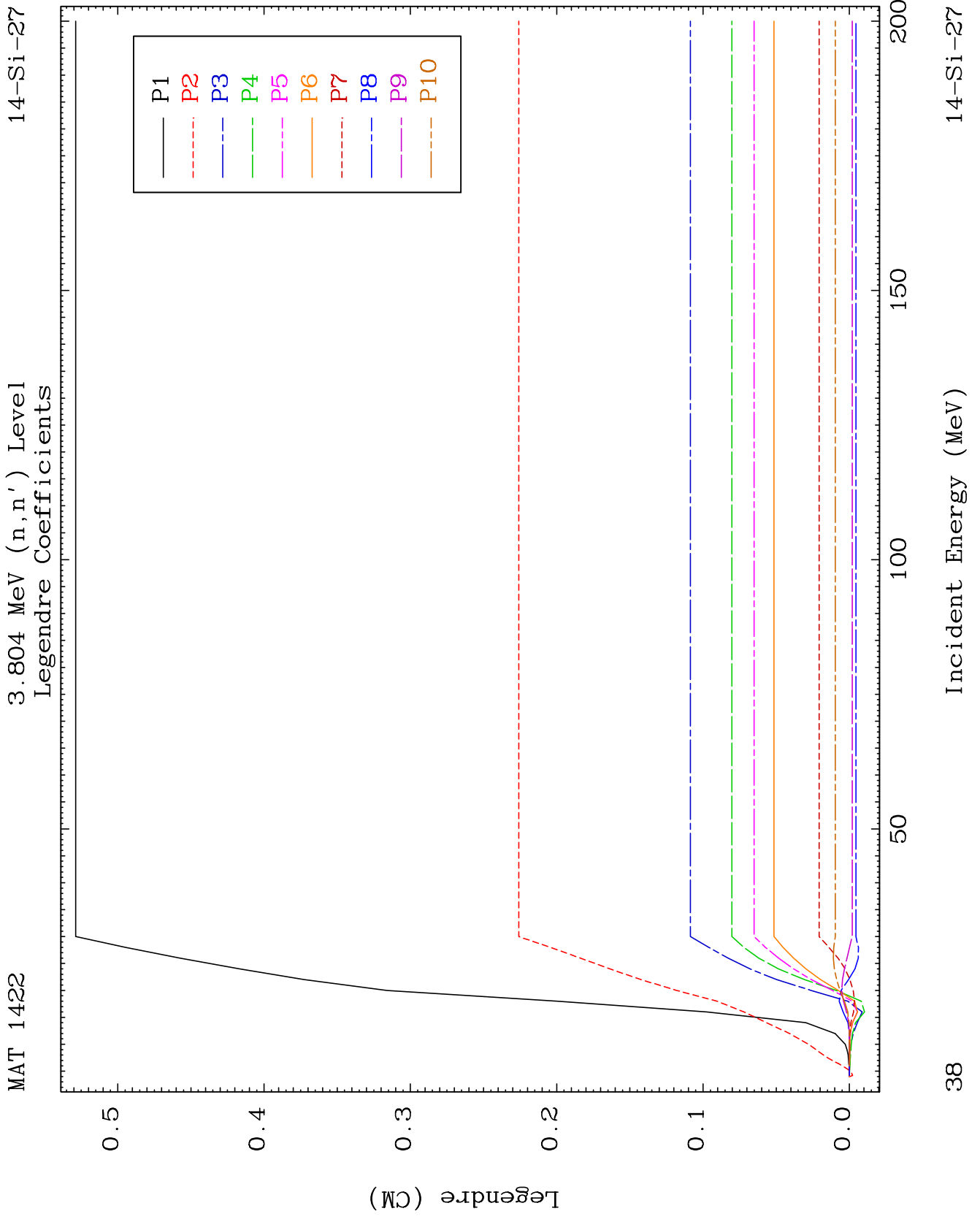
3.540 MeV (n,n') Level
Legendre Coefficients

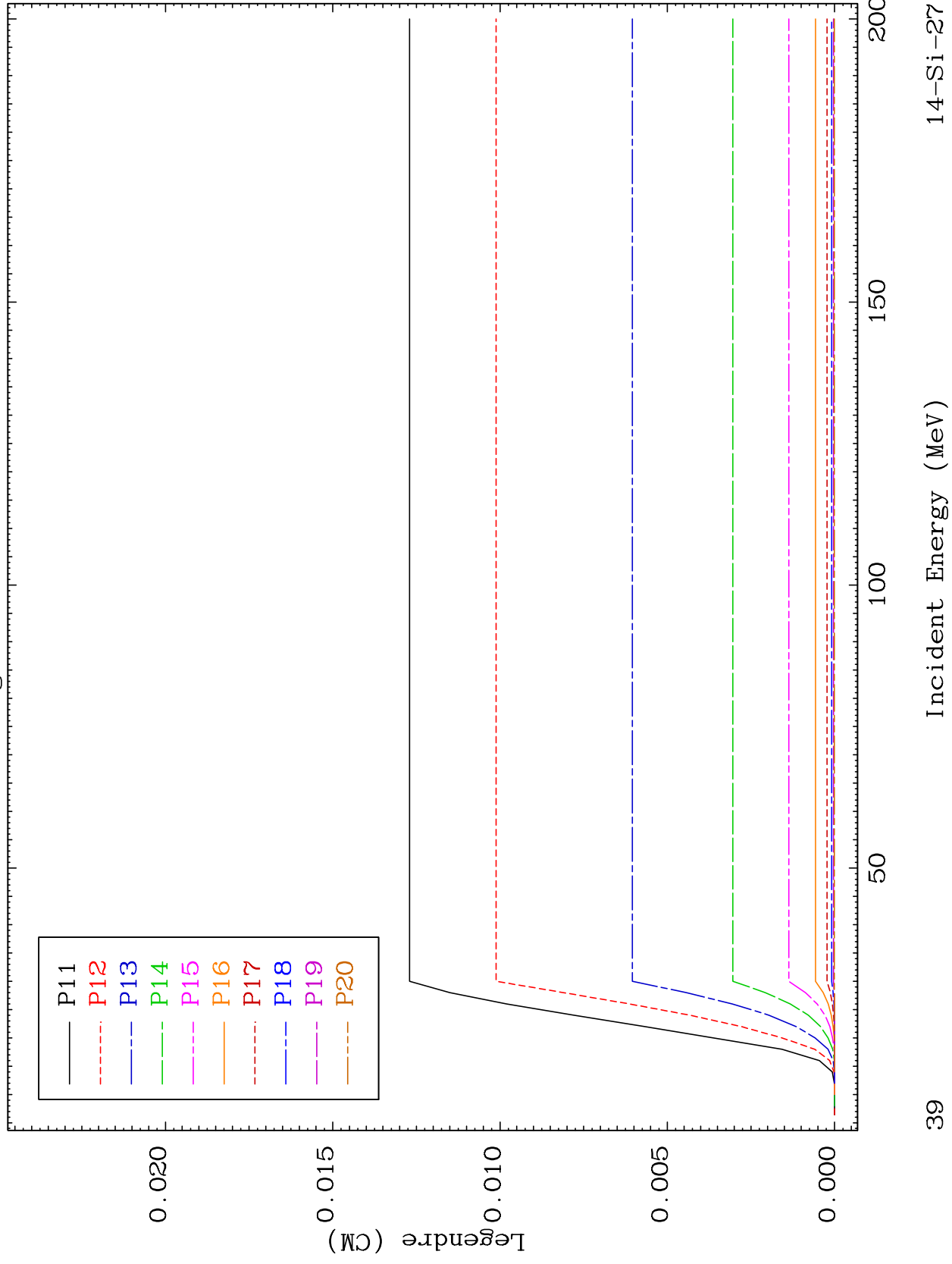
14-Si-27

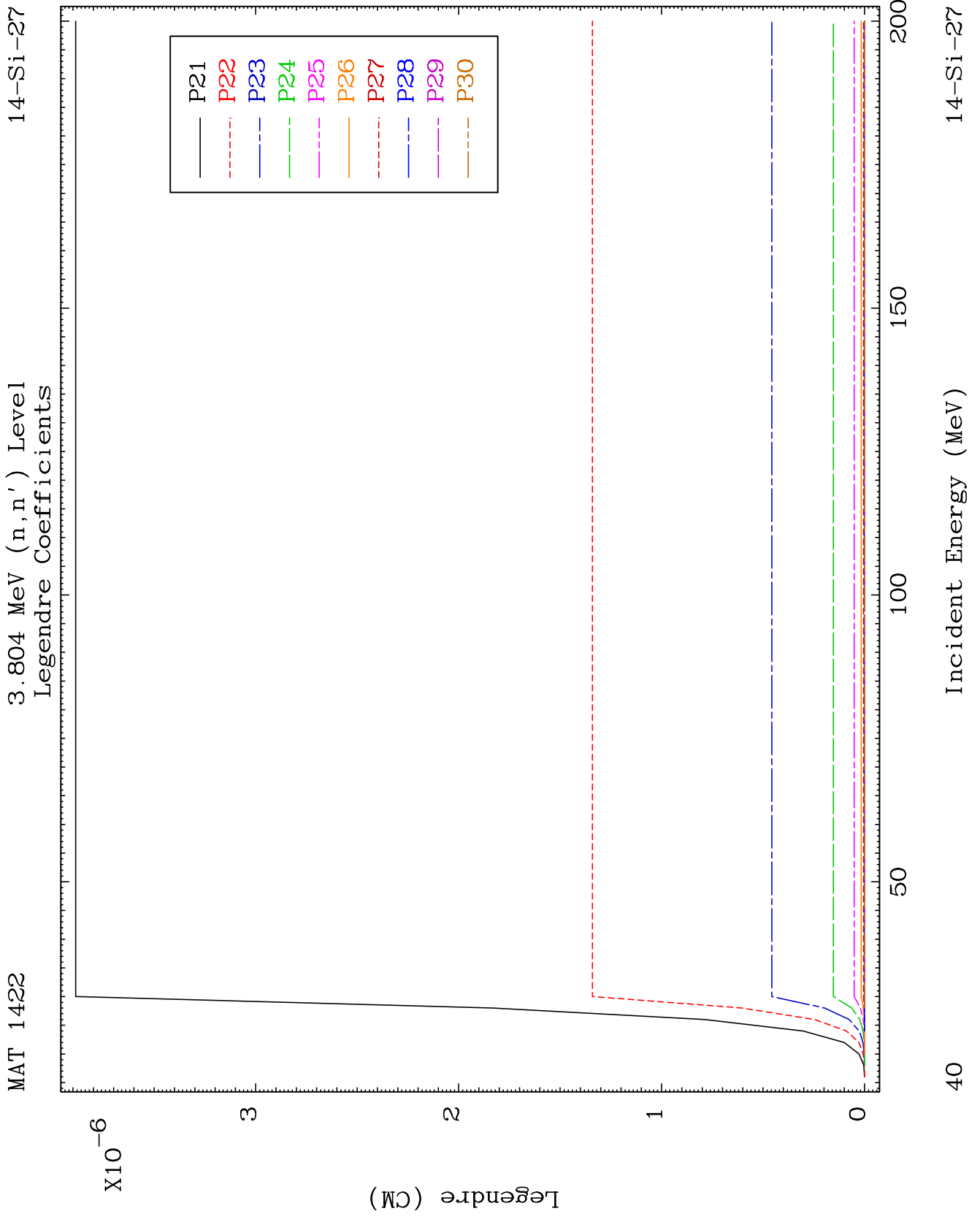


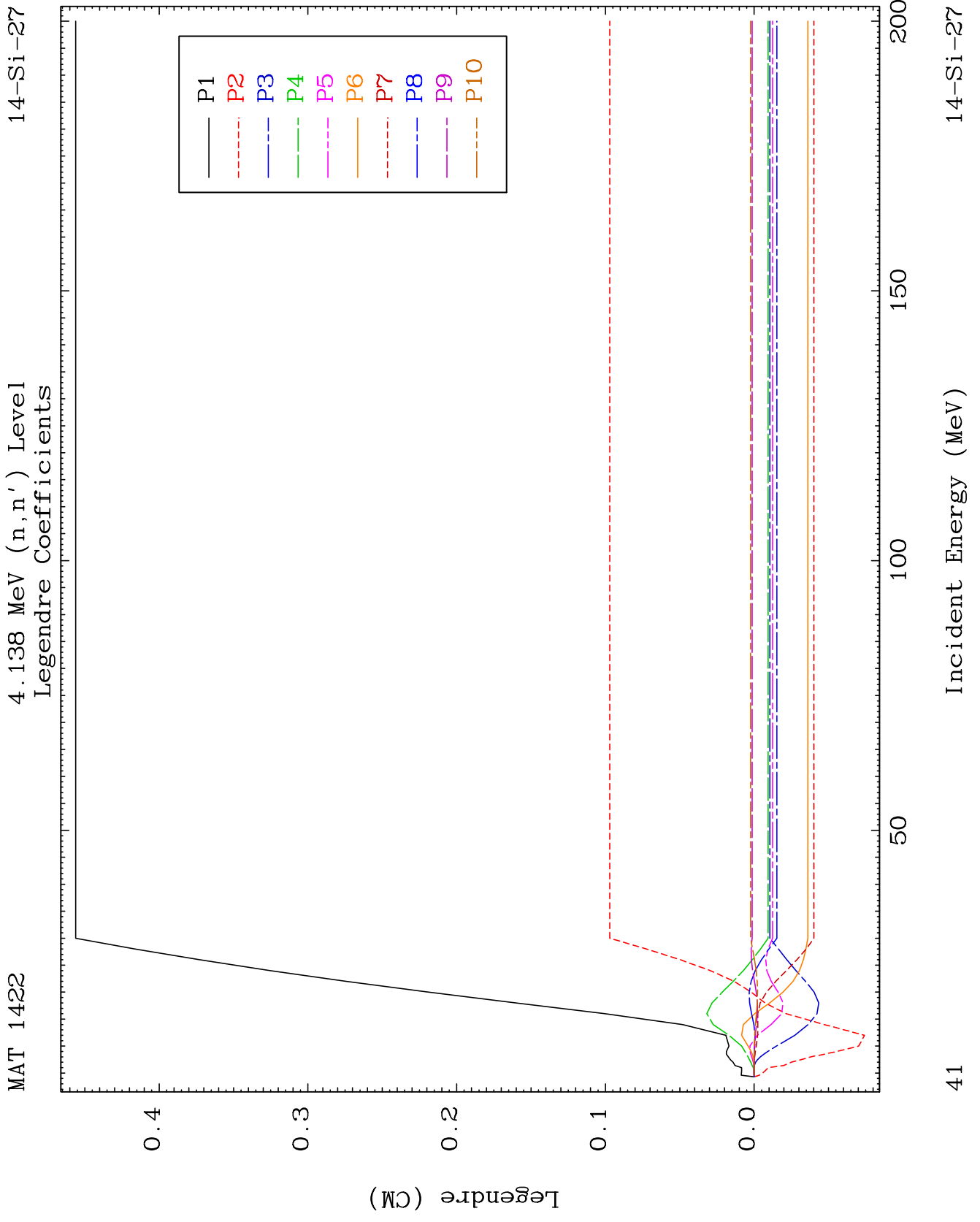
36







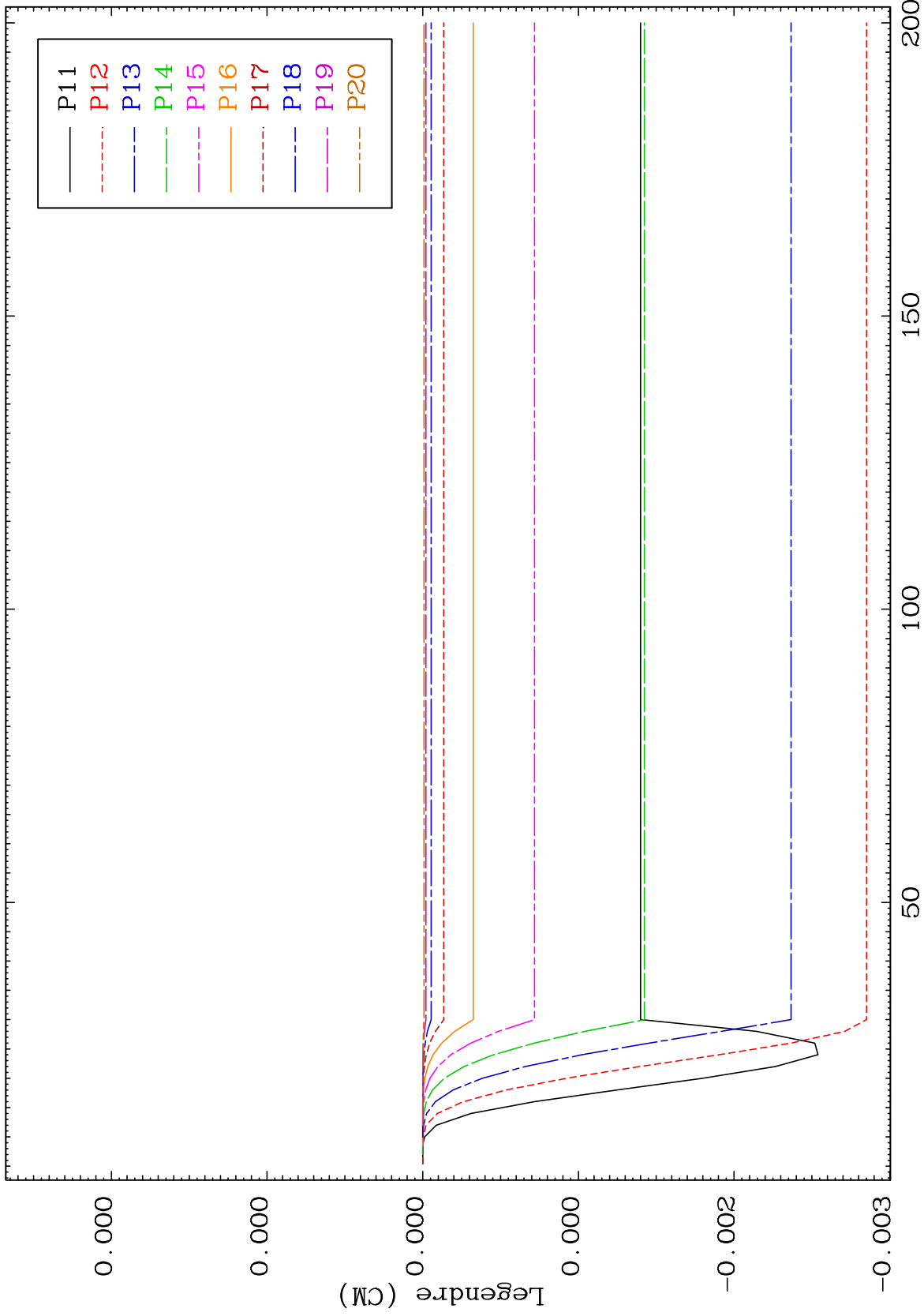




MAT 1422

4.138 MeV (n,n') Level
Legendre Coefficients

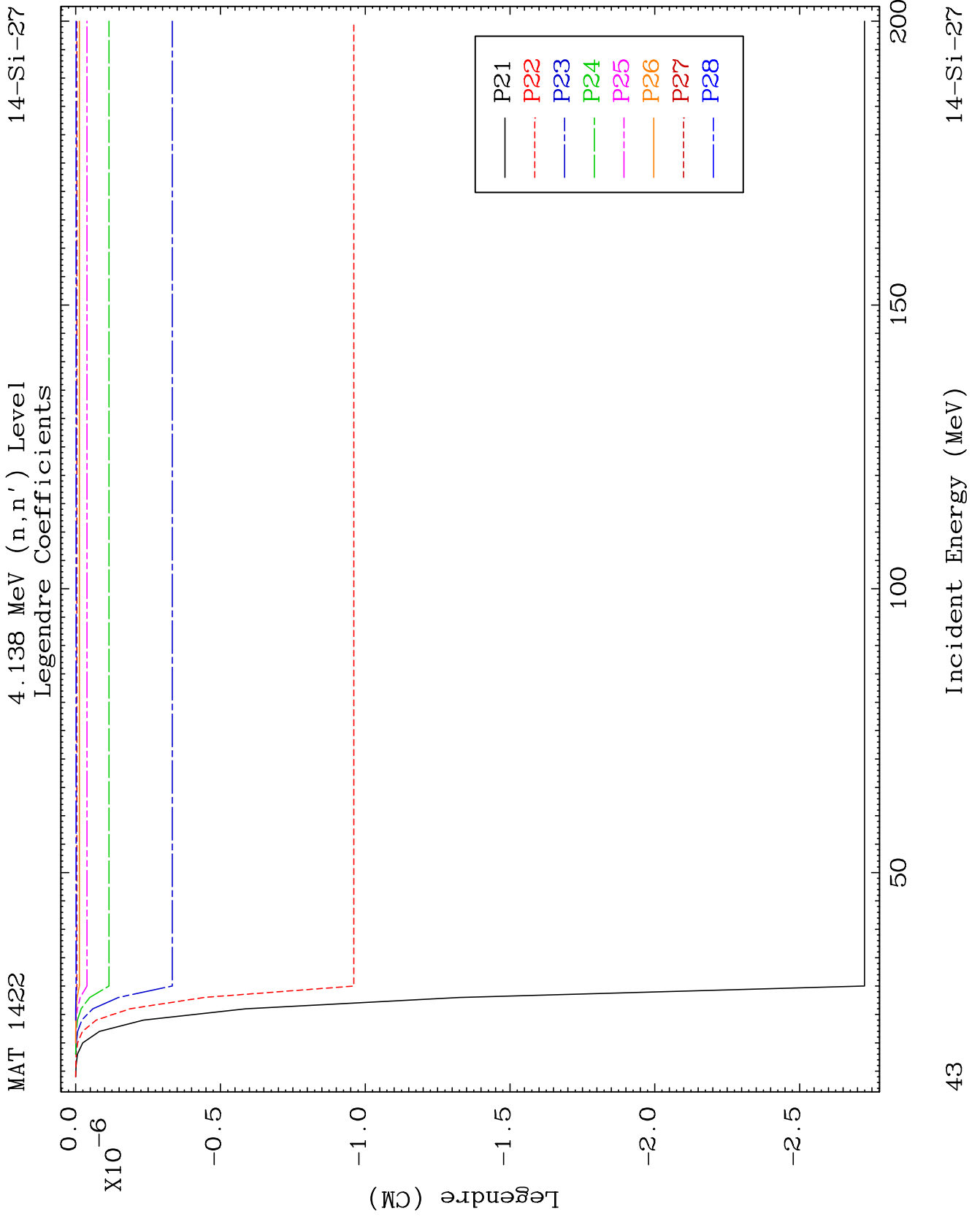
14-Si-27



42

Incident Energy (MeV)

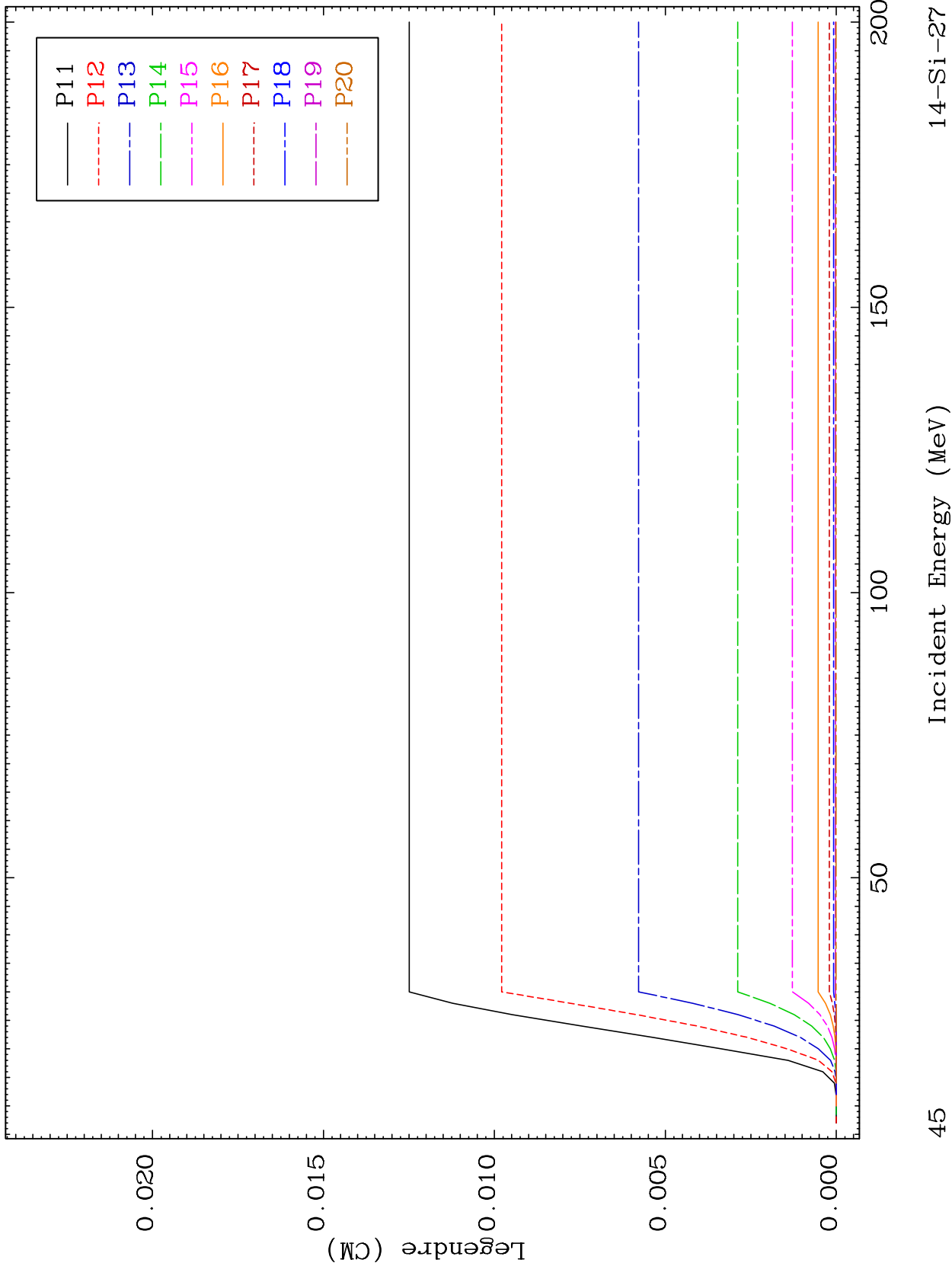
14-Si-27



MAT 1422

4.289 MeV (n,n') Level
Legendre Coefficients

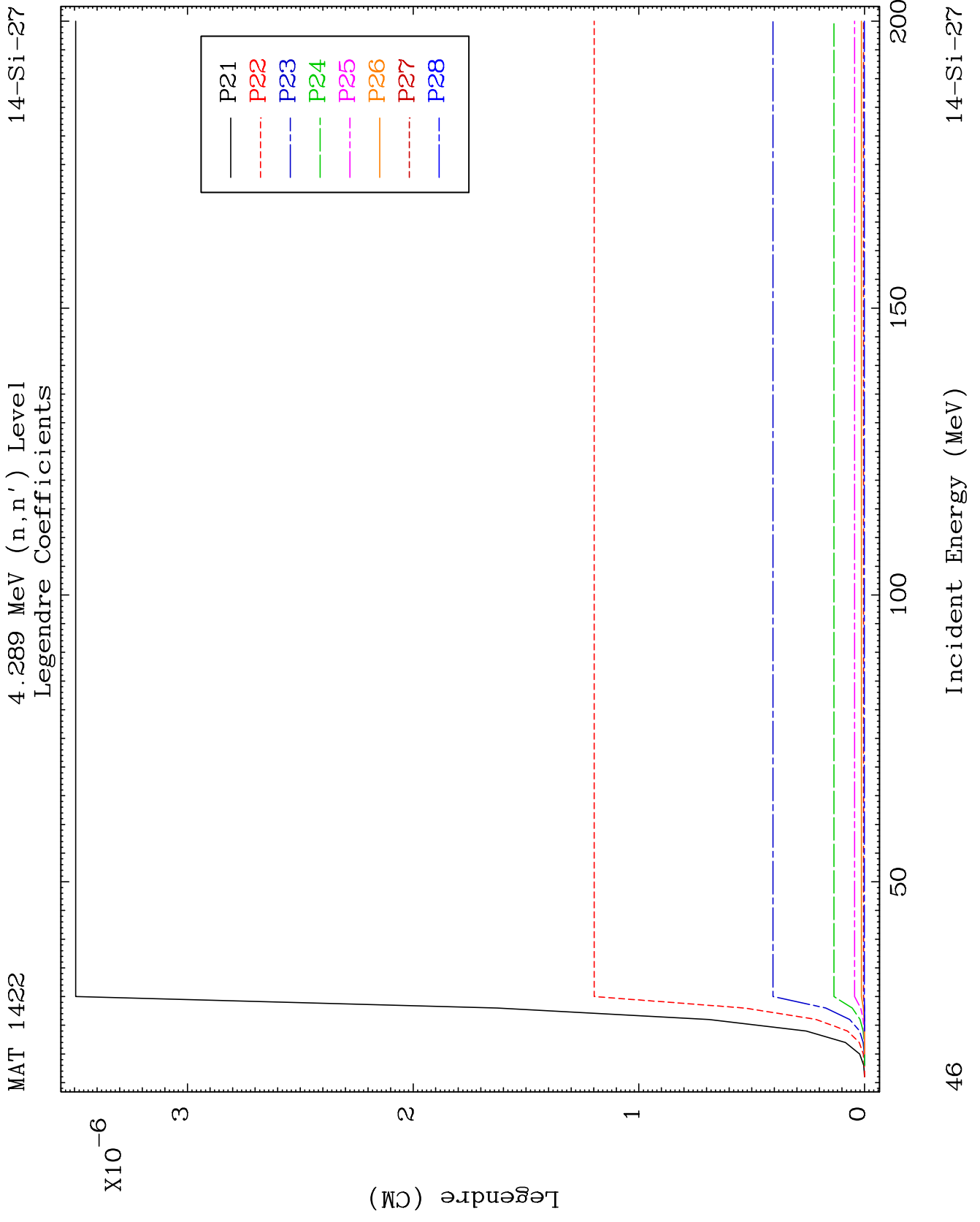
14-Si-27

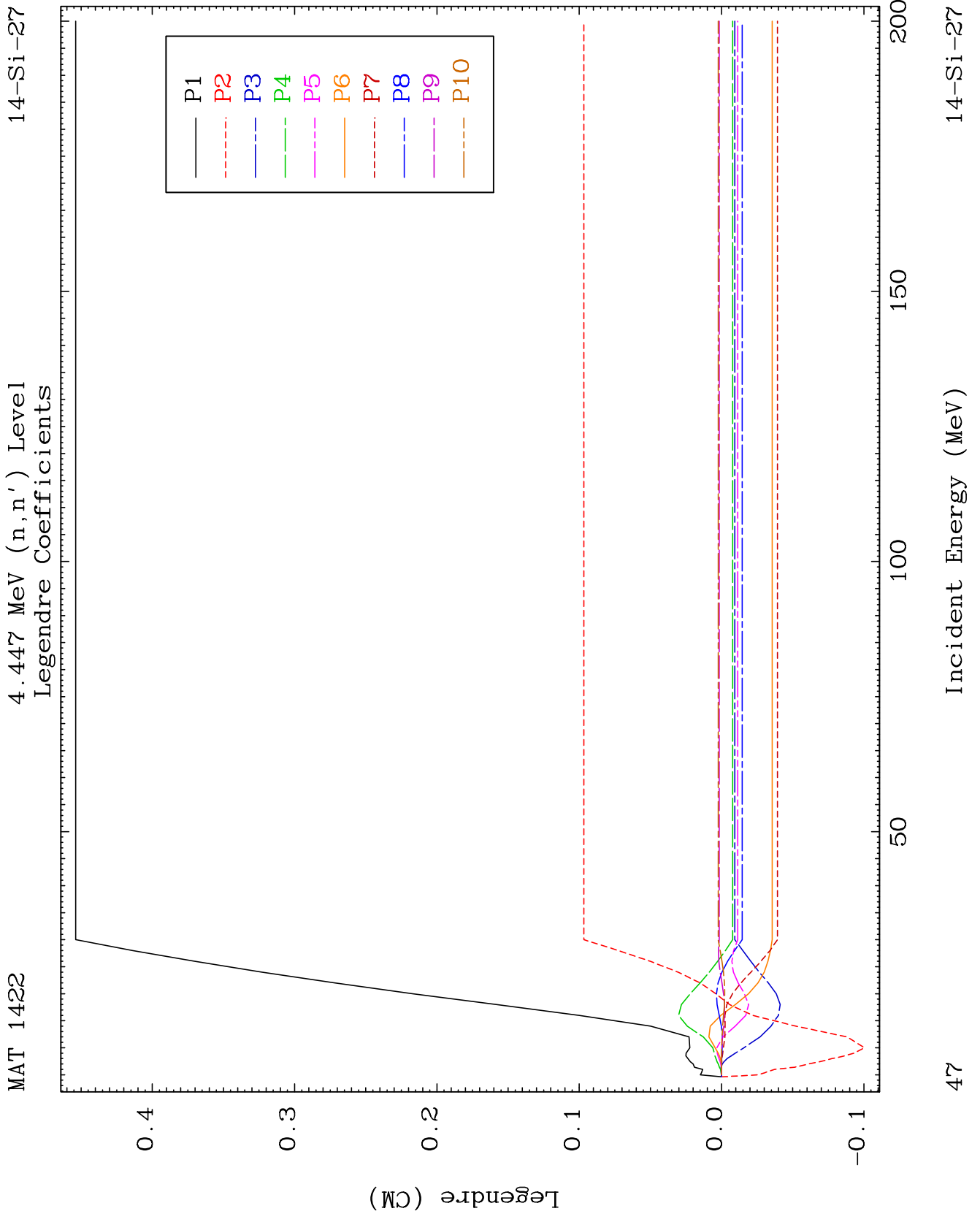


45

Incident Energy (MeV)

14-Si-27

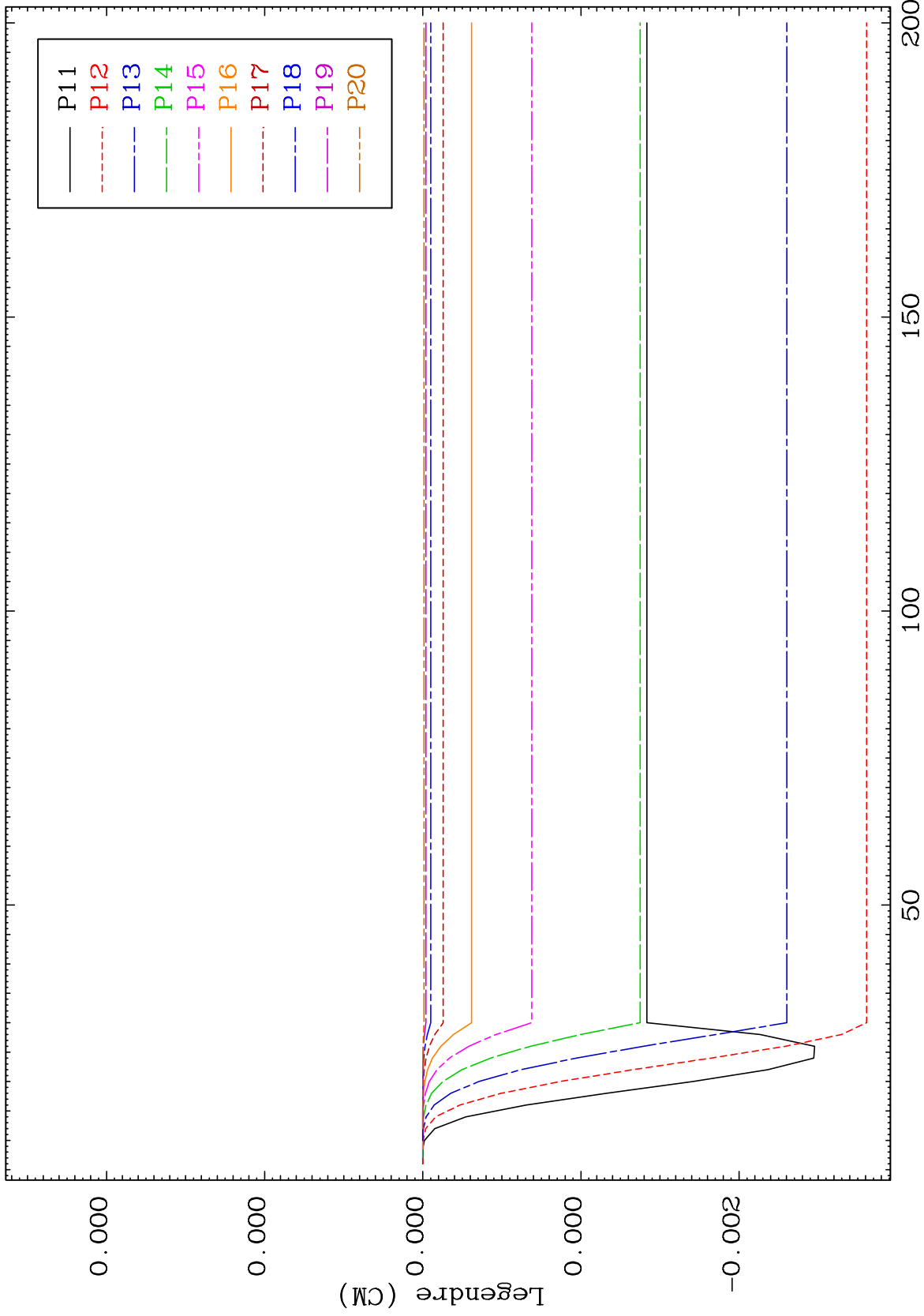




MAT 1422

4.447 MeV (n,n') Level
Legendre Coefficients

14-Si-27



48

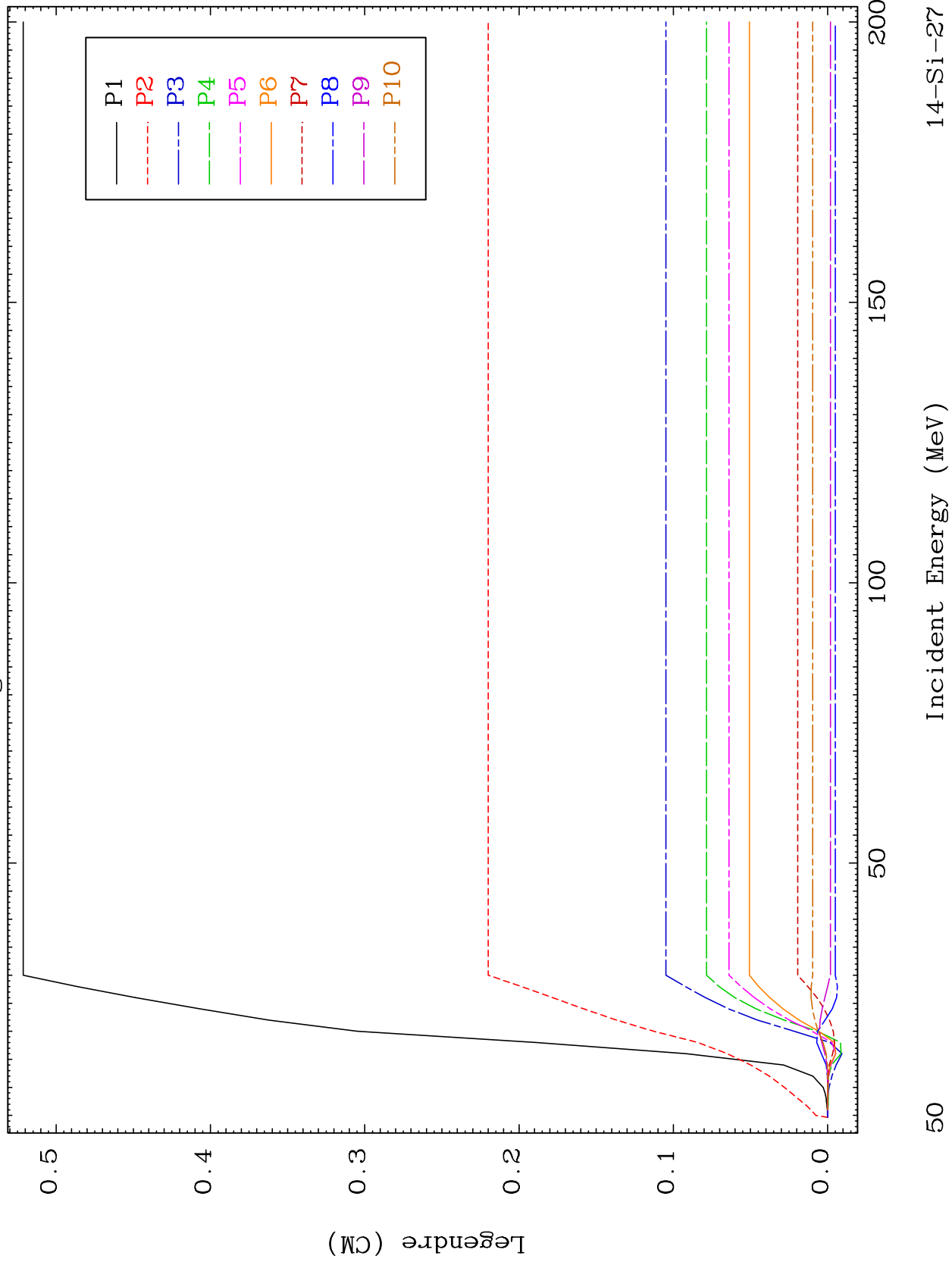
Incident Energy (MeV)

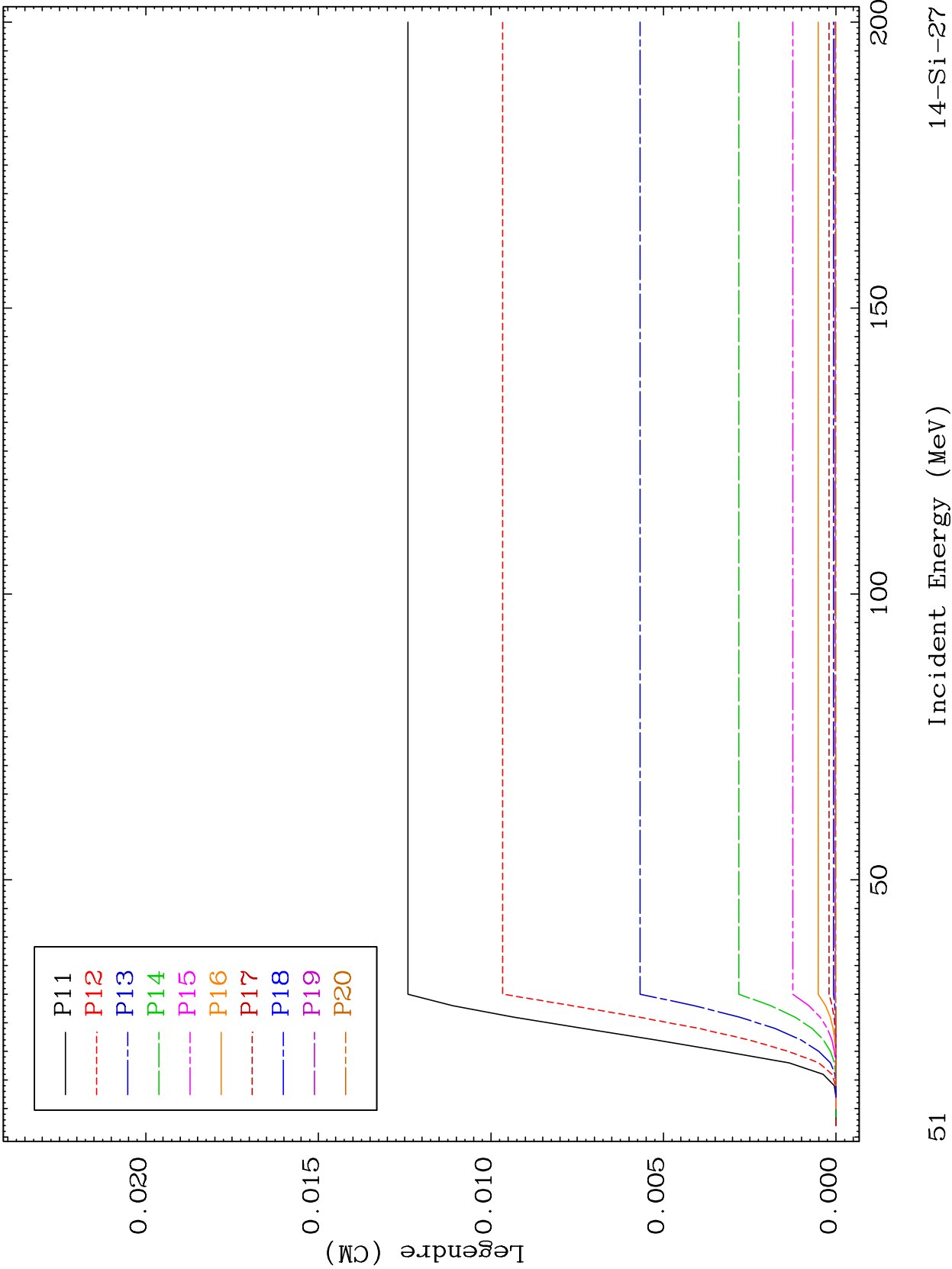
14-Si-27

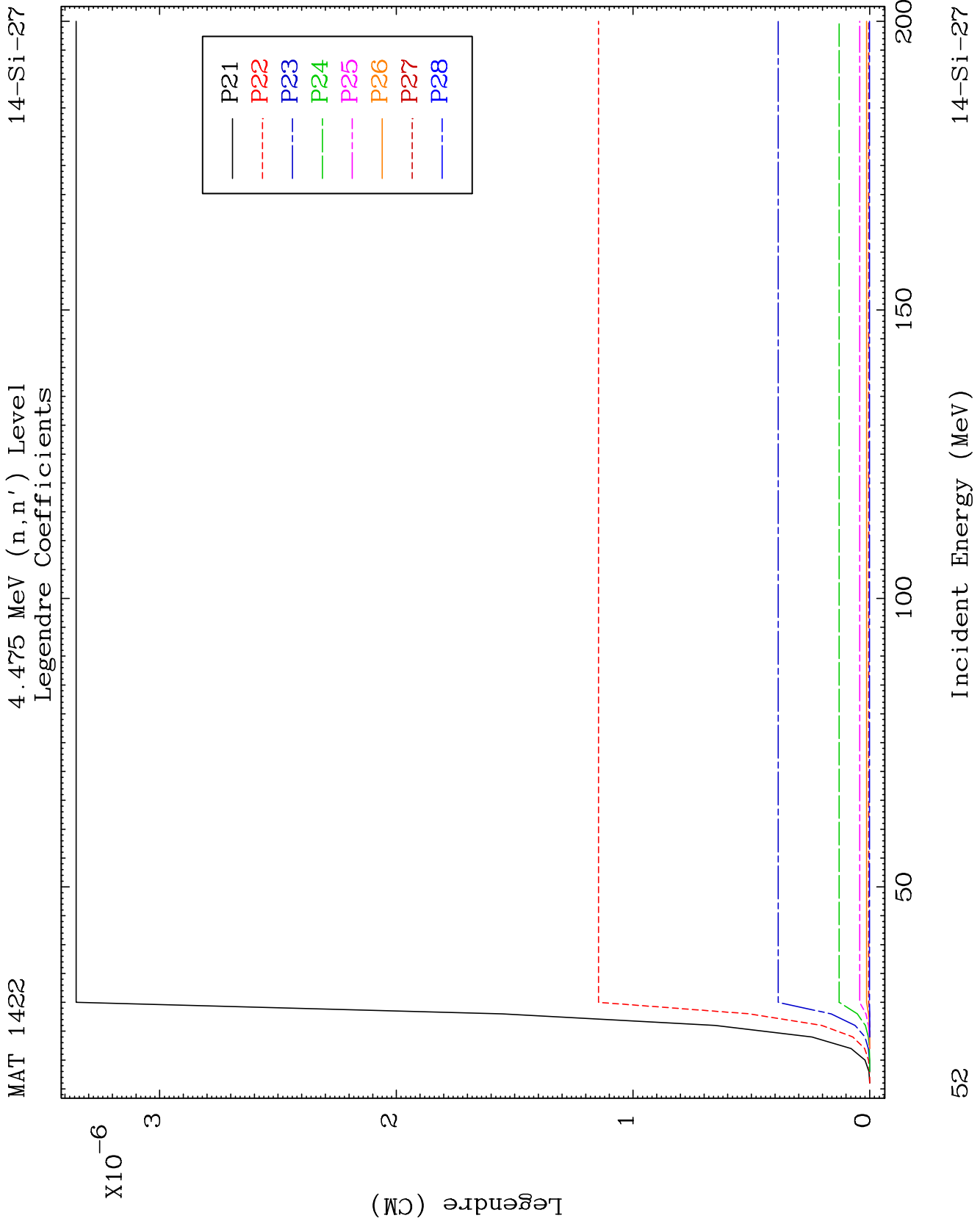
MAT 1422

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Legendre Coefficients

14-Si-27





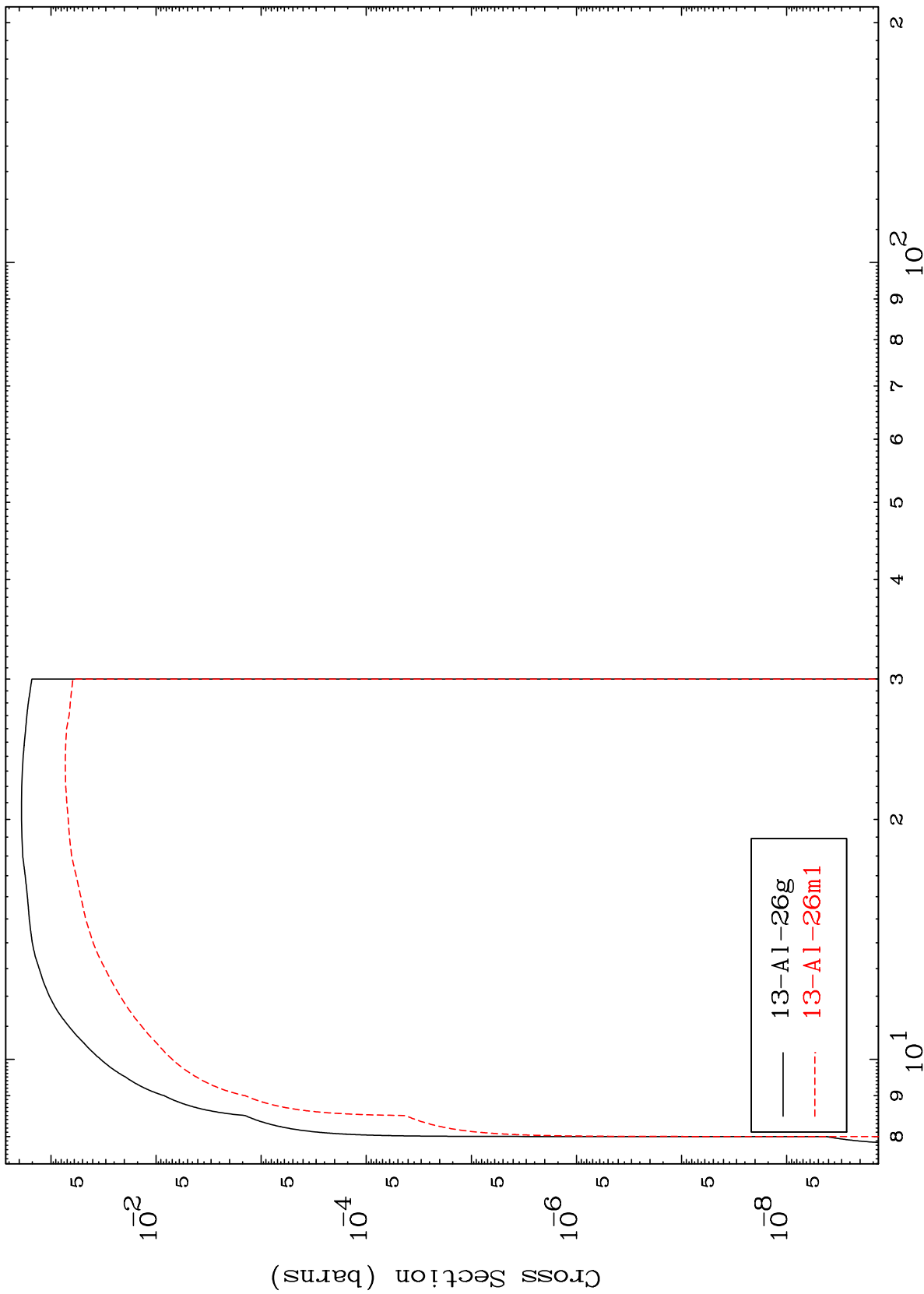


MAT 1422

(n,n') p

14-Si-27

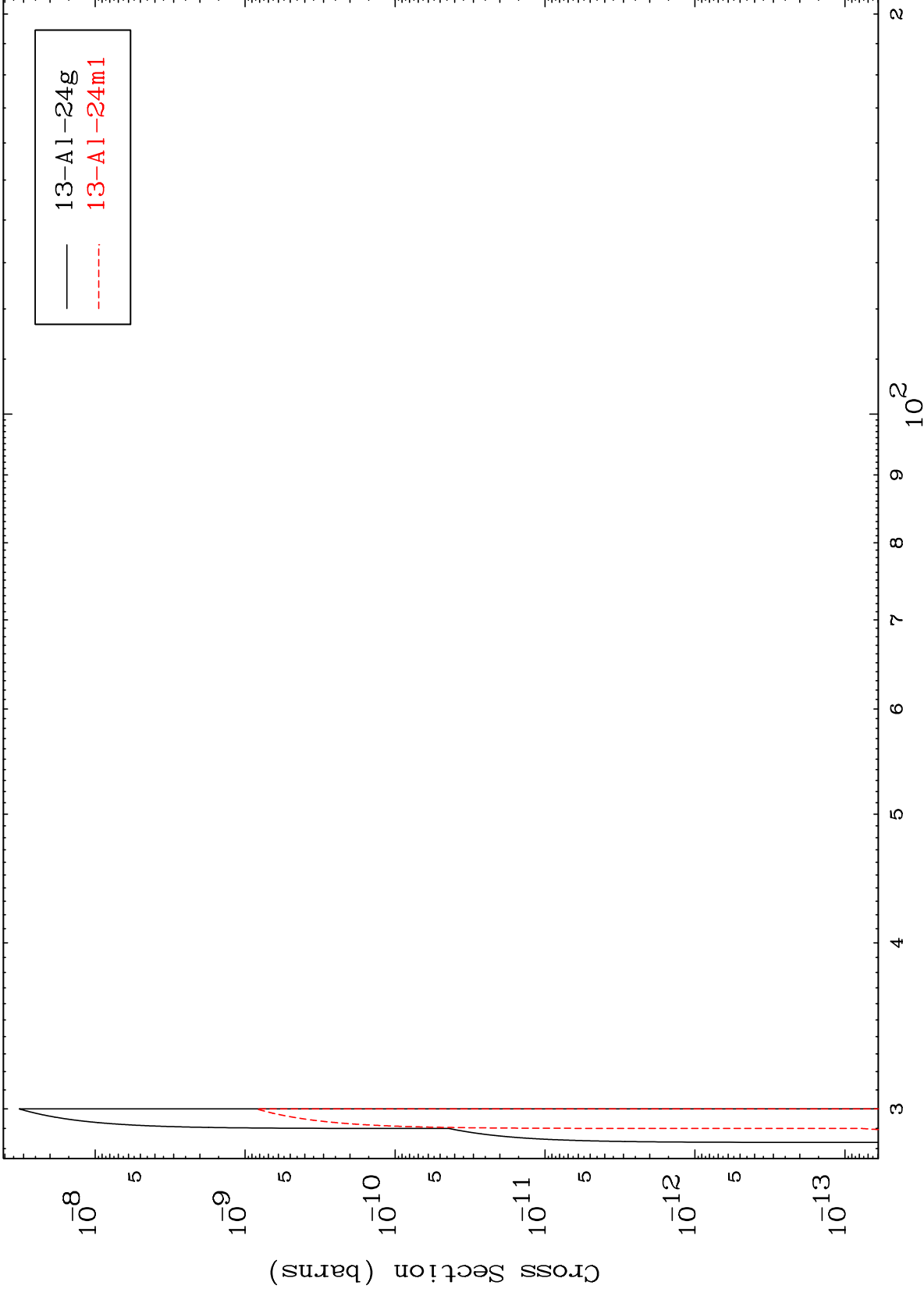
Radionuclide Production Cross Section



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14-Si-27

Radionuclide Production Cross Section



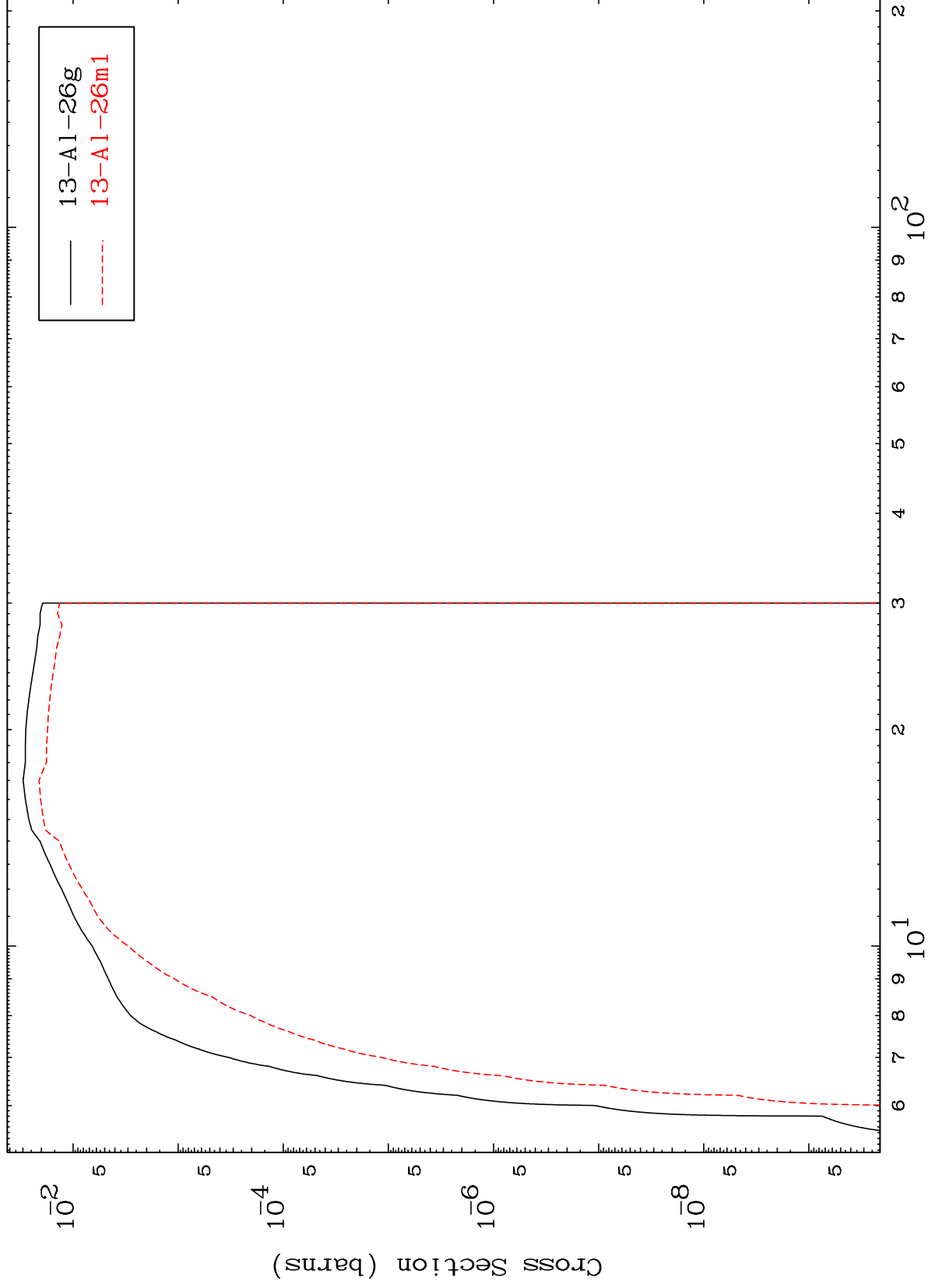
13-Al-24g
13-Al-24m1

MAT 1422

(n,d)

14-Si-27

Radionuclide Production Cross Section



55

Incident Energy (MeV)

14-Si-27