

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

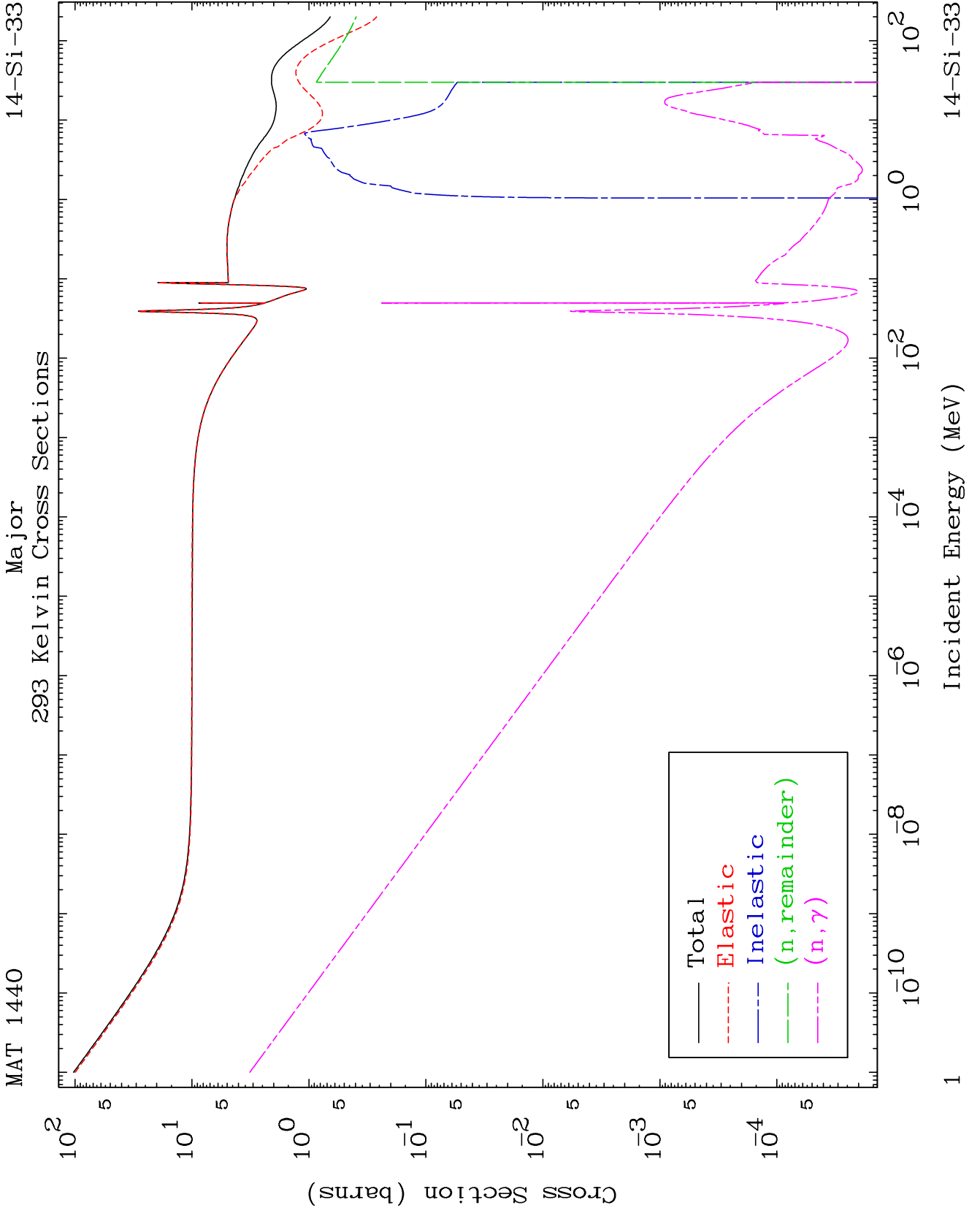
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

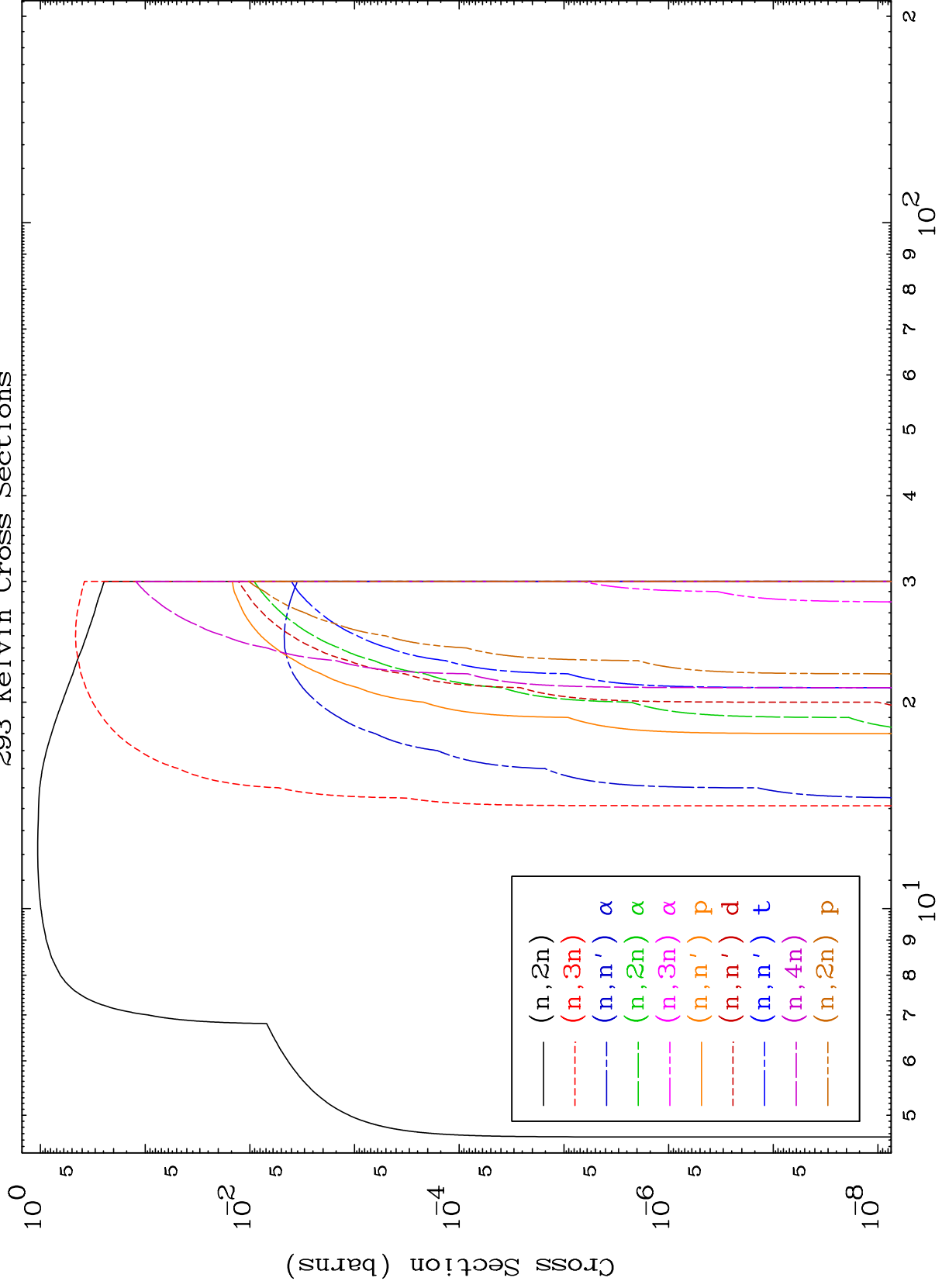
Press Mouse Button to Start

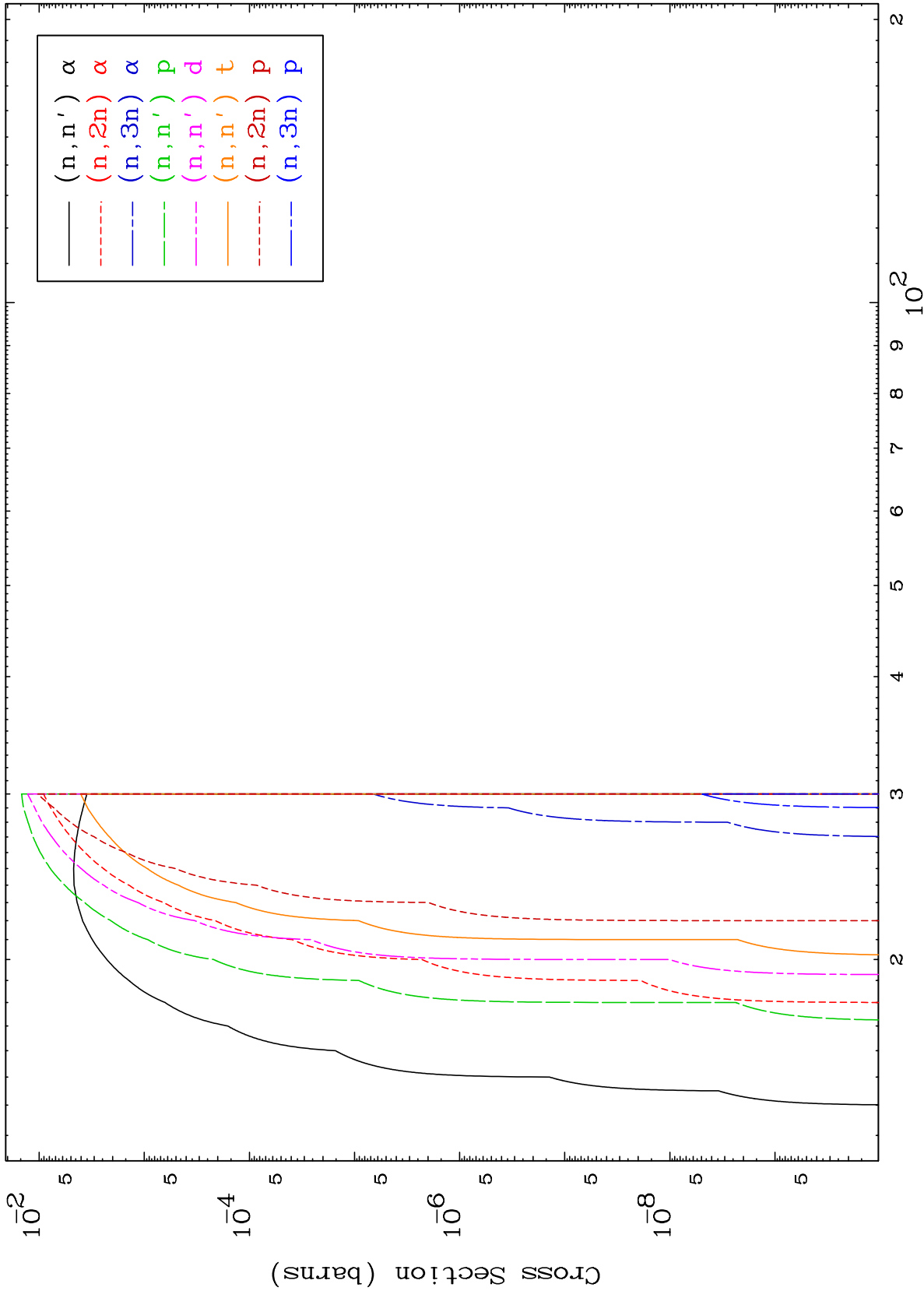


MAT 1440

Neutron Production  
293 Kelvin Cross Sections

$^{14}\text{Si}-33$

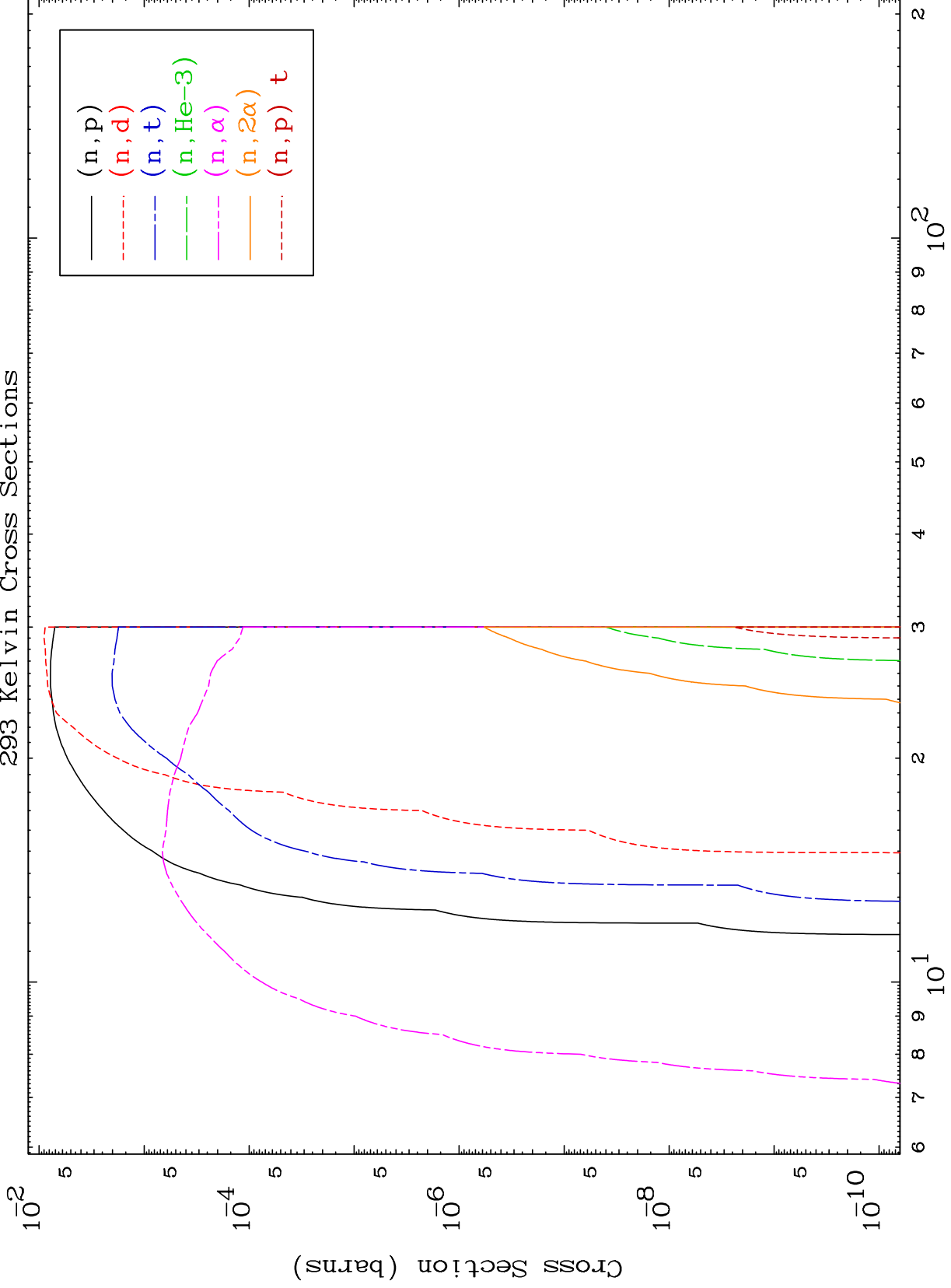




MAT 1440

Charged Particle  
293 Kelvin Cross Sections

14-Si-33



4

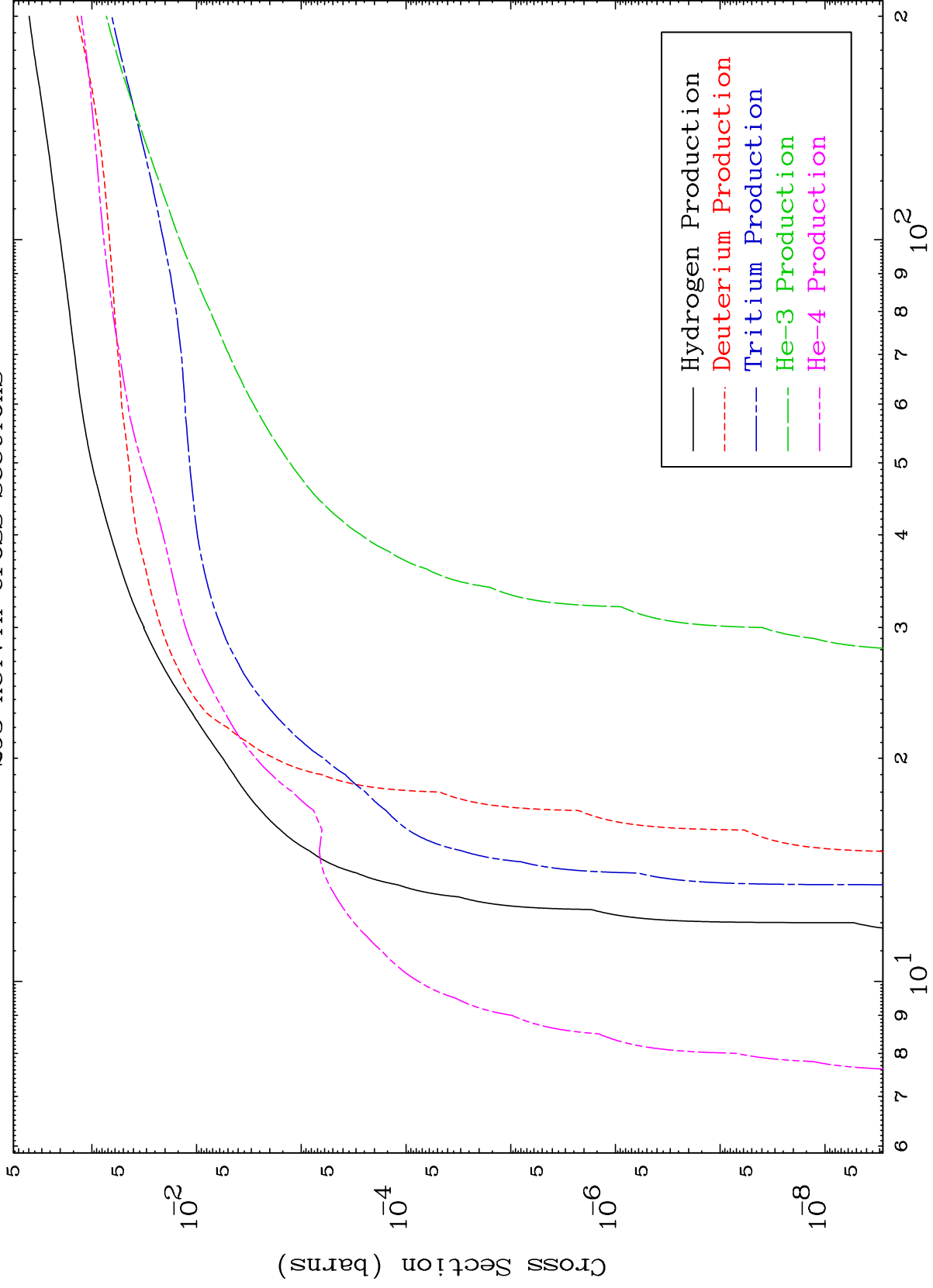
Incident Energy (MeV)

14-Si-33

MAT 1440

Particle Production  
293 Kelvin Cross Sections

14-Si-33



Incident Energy (MeV)

14-Si-33

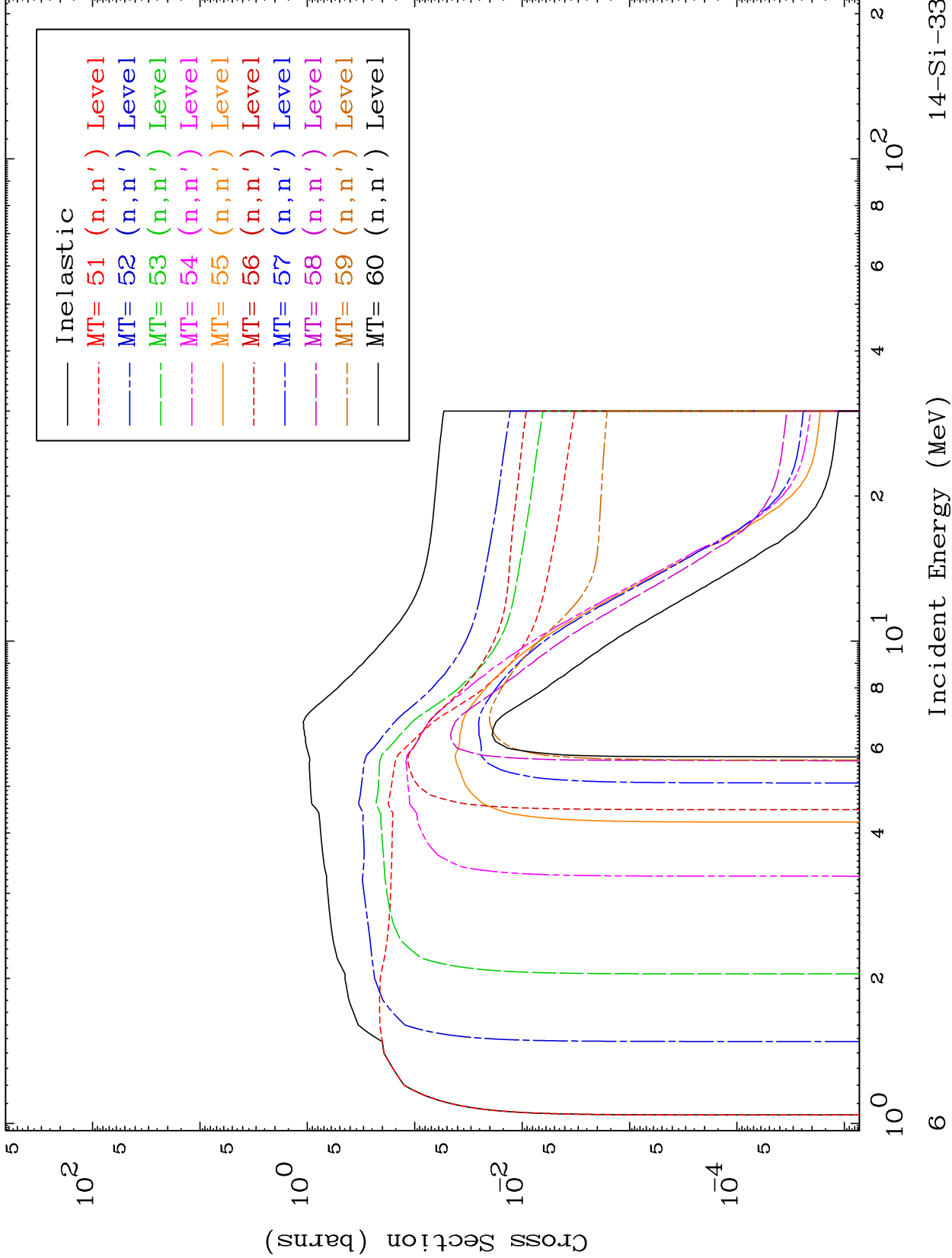
5

MAT 1440

(n,n') Level

14-Si-33

293 Kelvin Cross Sections

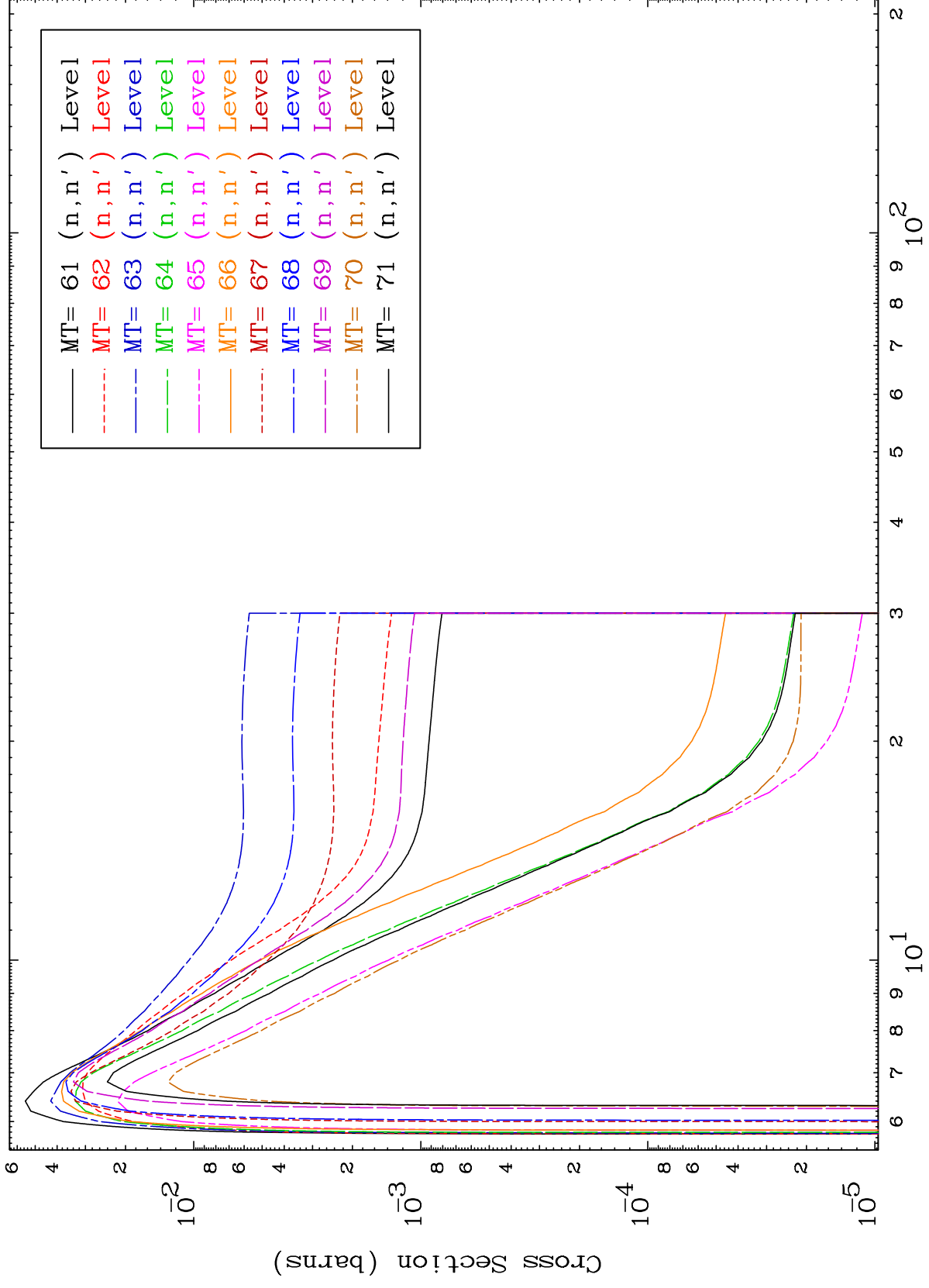


MAT 1440

(n,n') Level

14-Si-33

293 Kelvin Cross Sections



Incident Energy (MeV)

14-Si-33

7

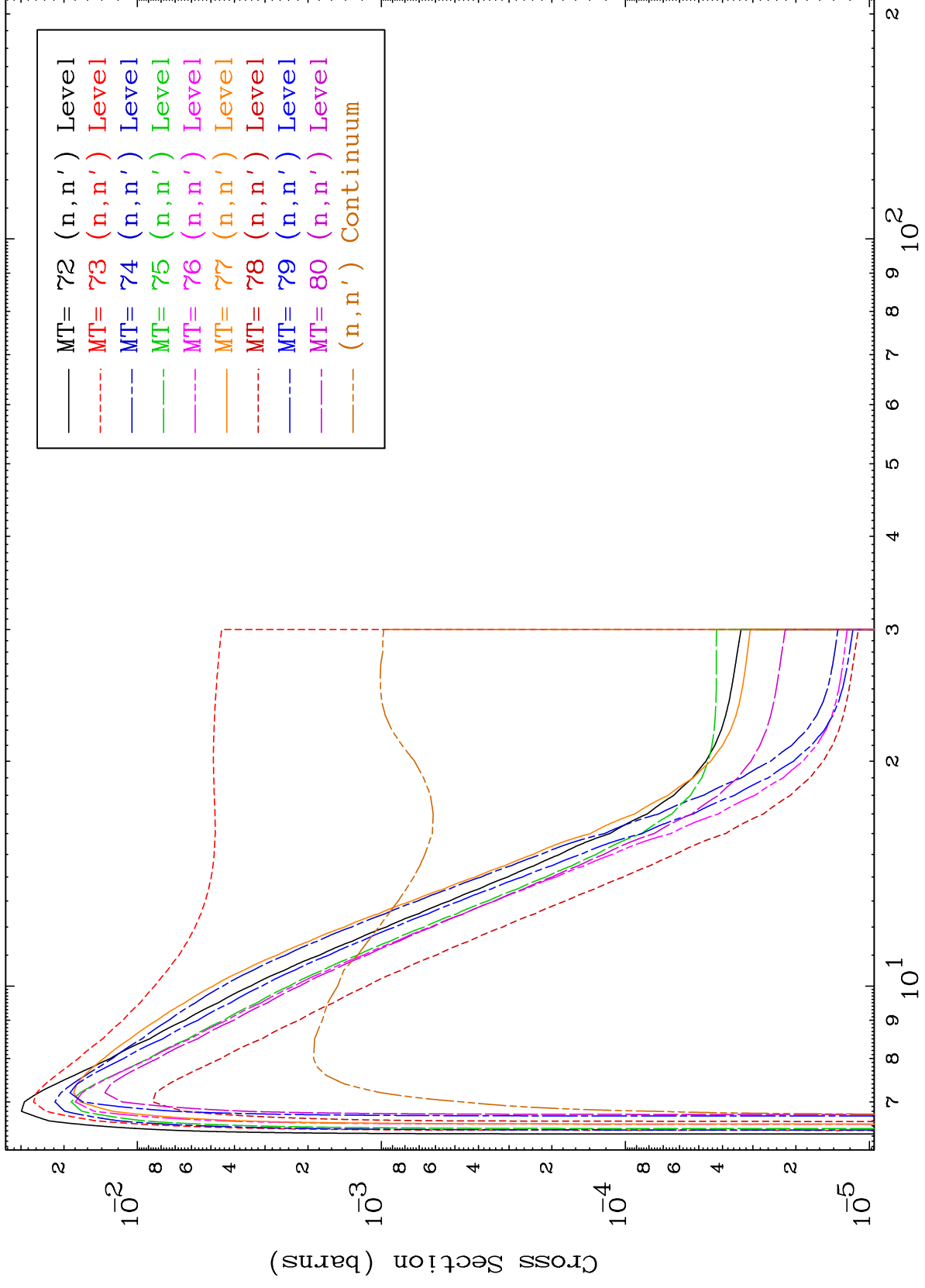


MAT 1440

(n,n') Level

14-Si-33

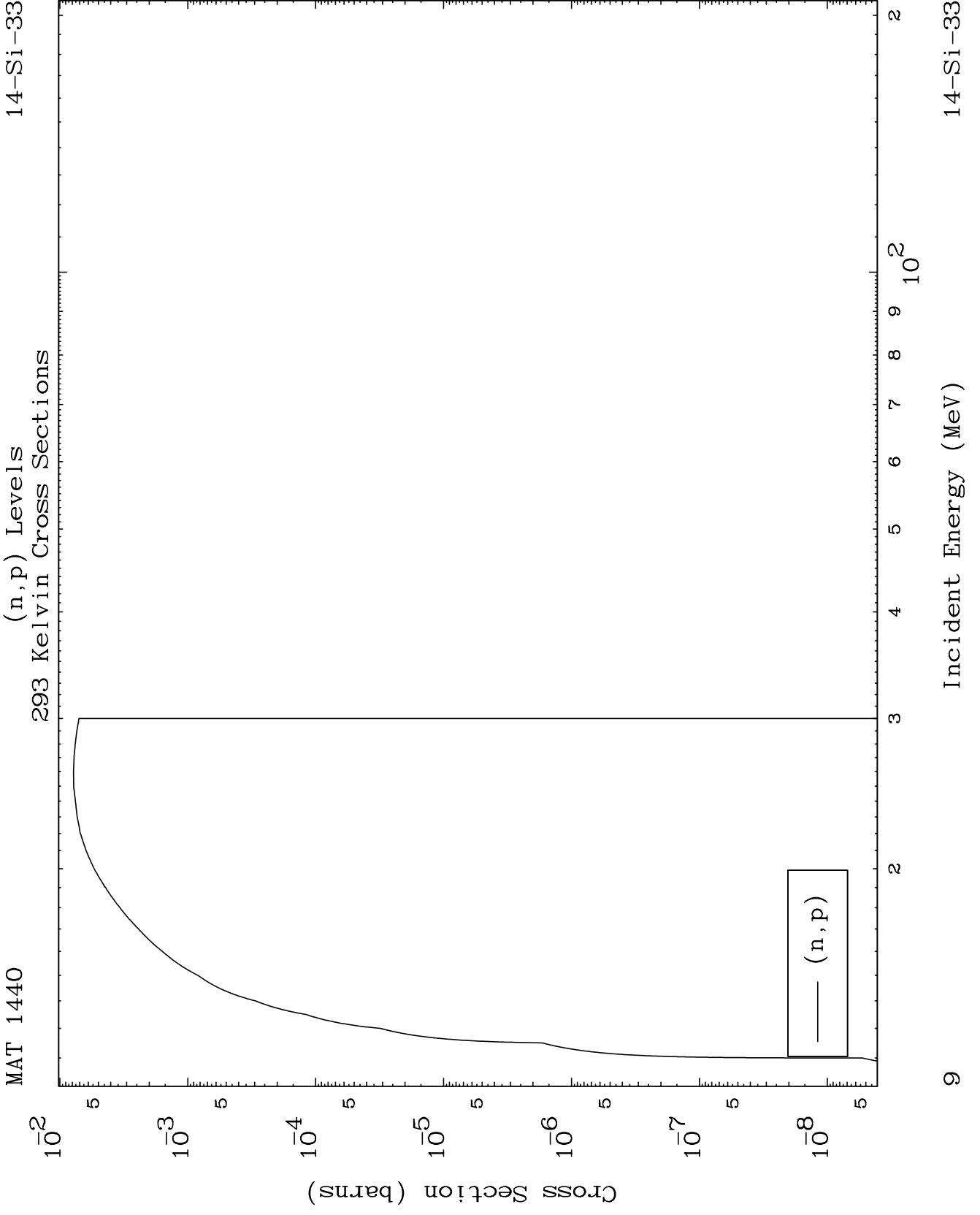
293 Kelvin Cross Sections

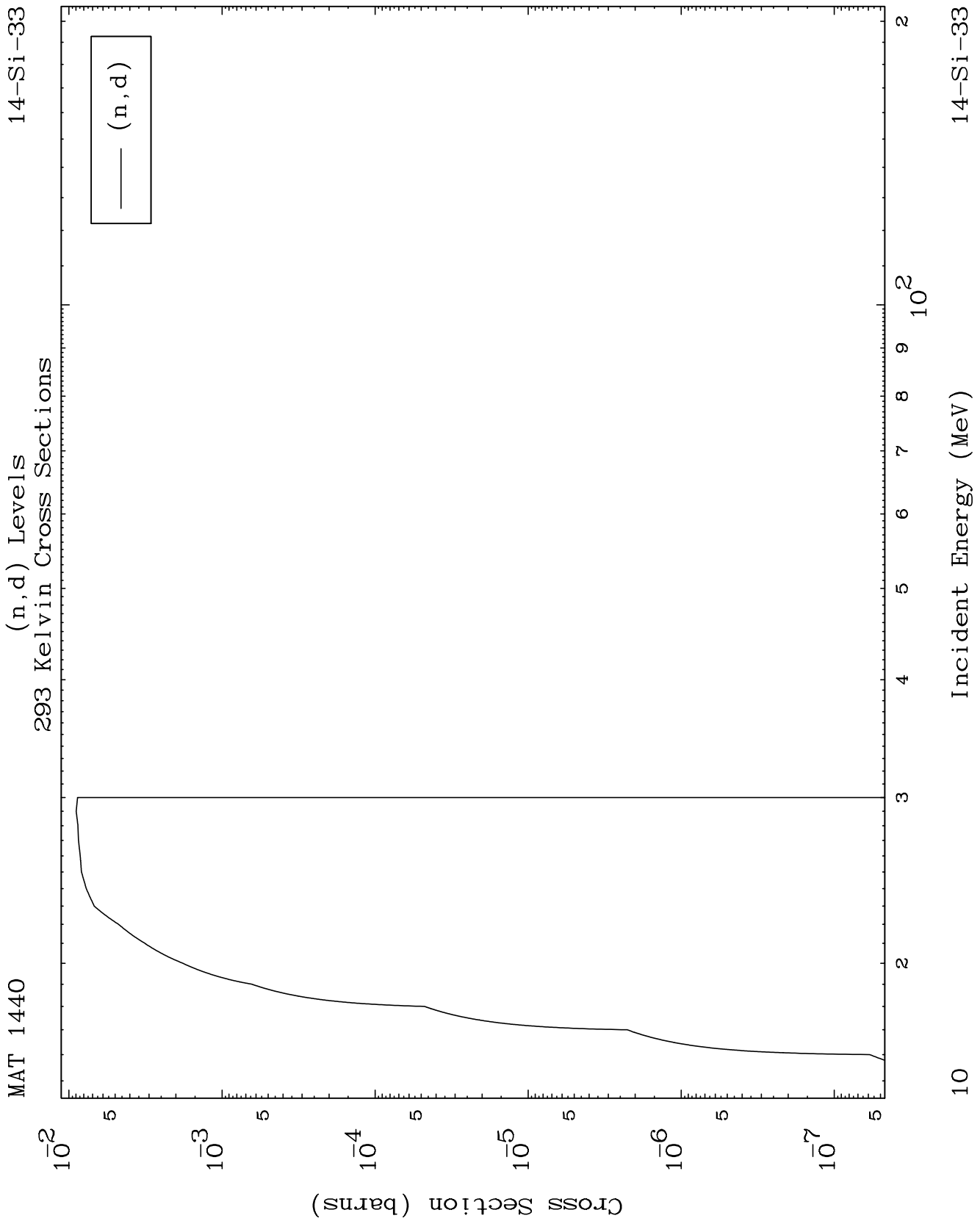


Incident Energy (MeV)

14-Si-33

8

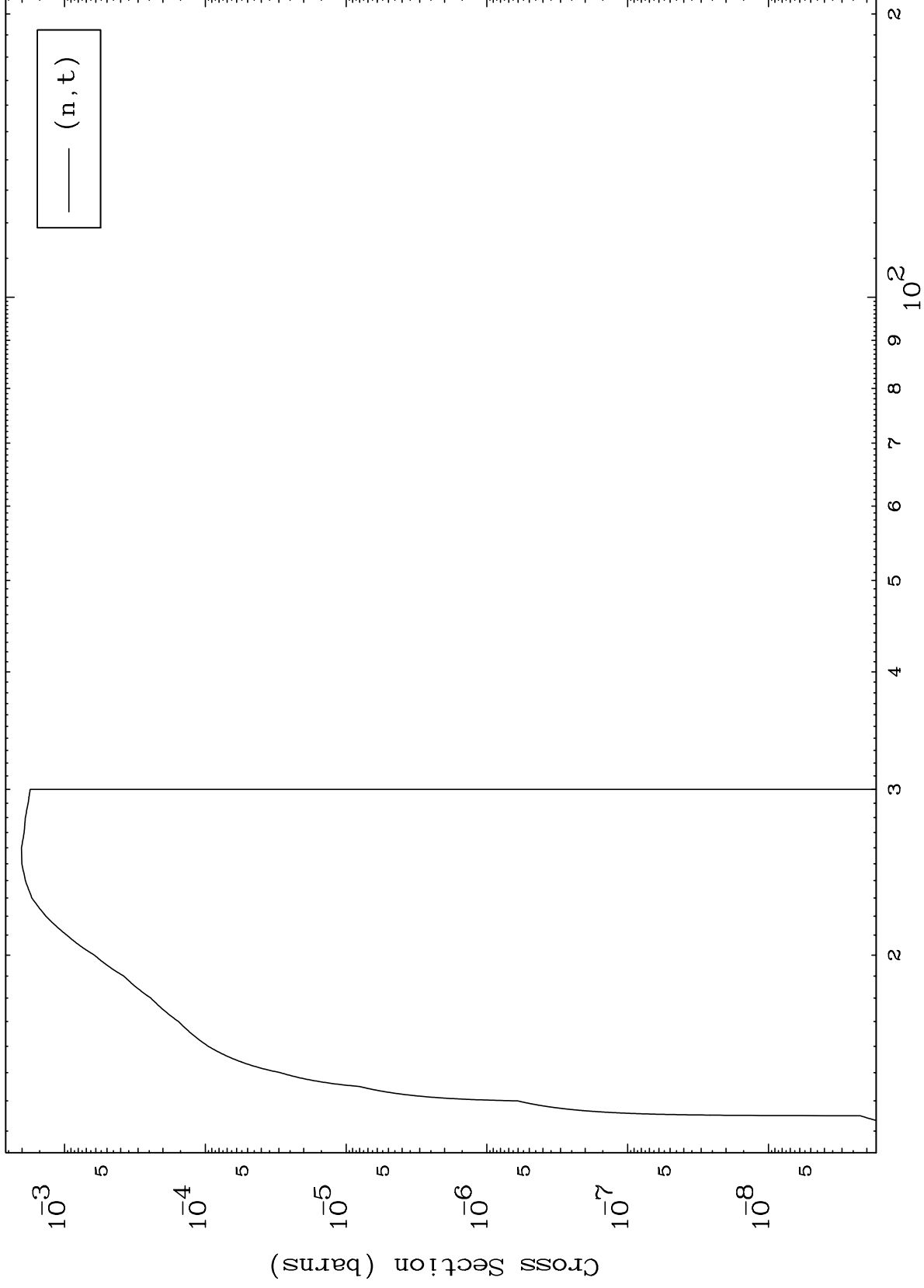




MAT 1440

(n,t) Levels  
293 Kelvin Cross Sections

14-Si-33



11

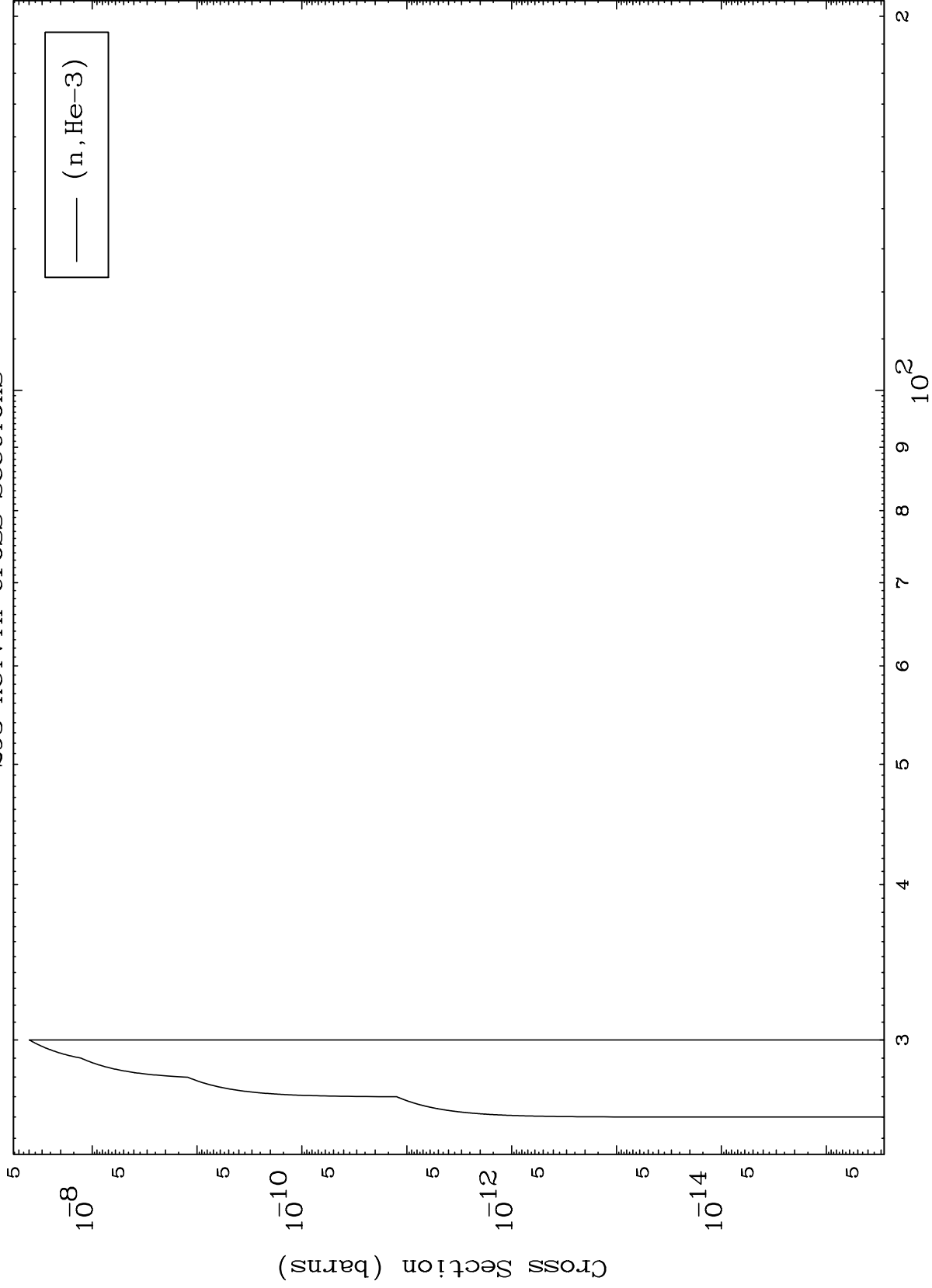
Incident Energy (MeV)

14-Si-33

MAT 1440

(n,He3) Levels  
293 Kelvin Cross Sections

14-Si-33



12

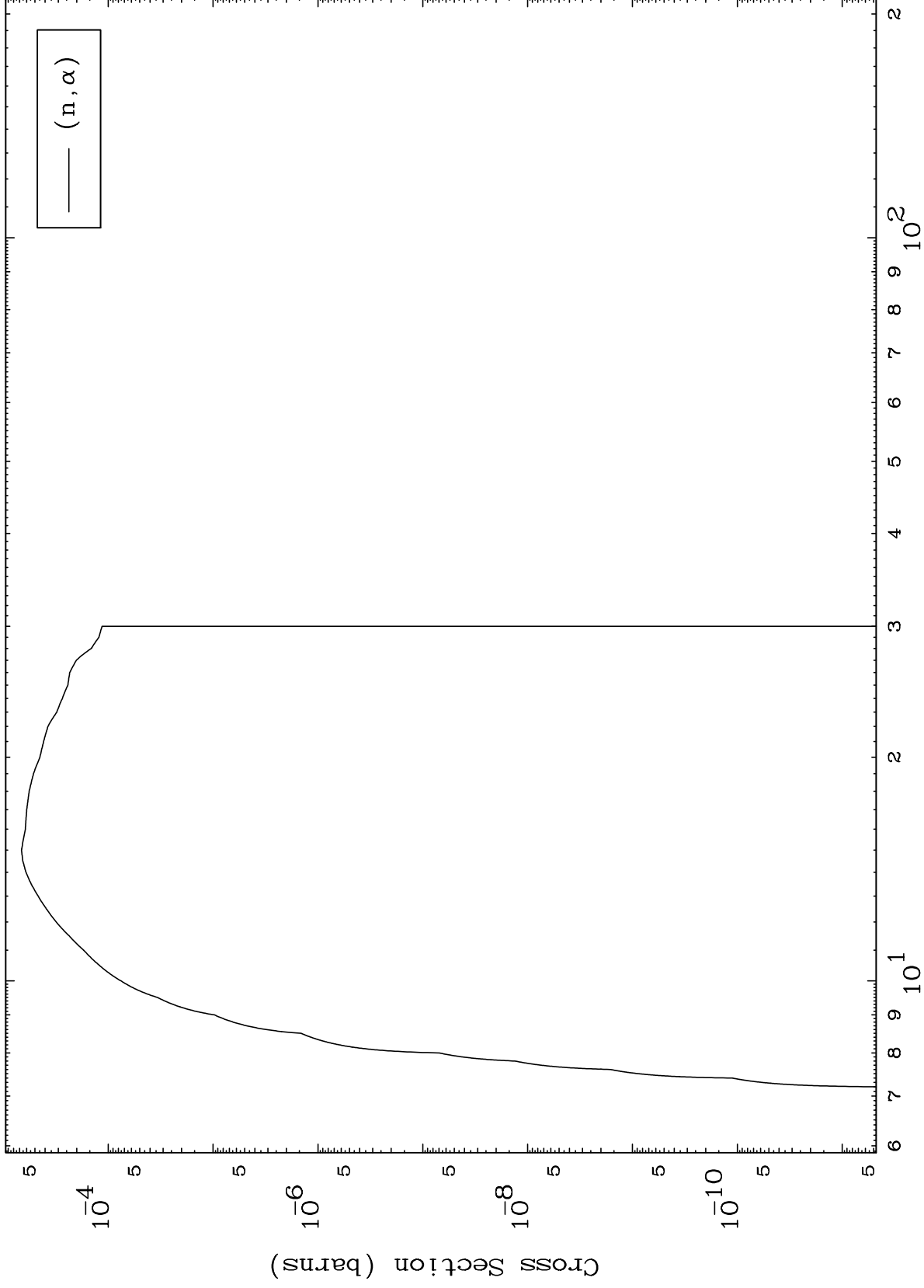
Incident Energy (MeV)

14-Si-33

MAT 1440

(n,α) Levels  
293 Kelvin Cross Sections

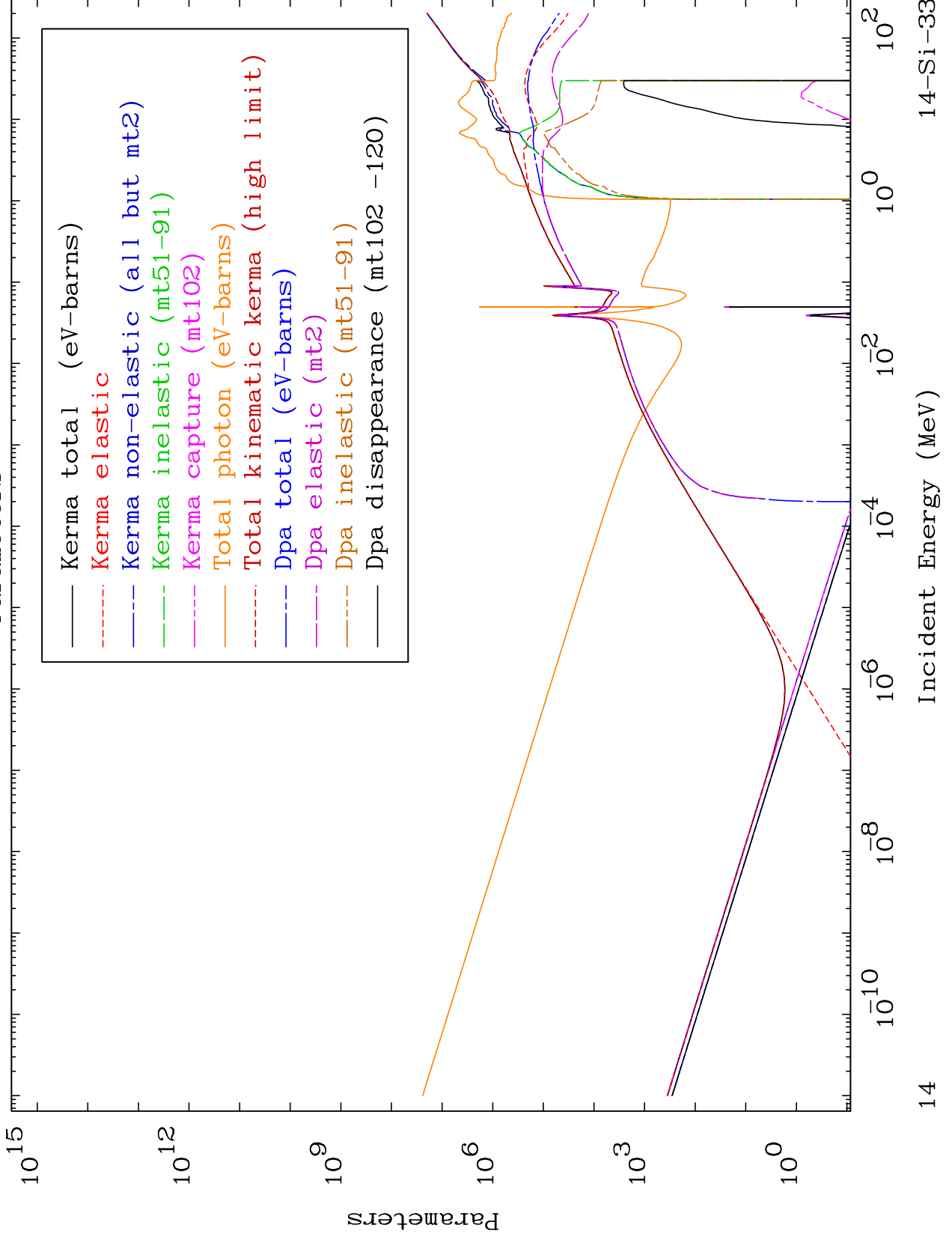
14-Si-33

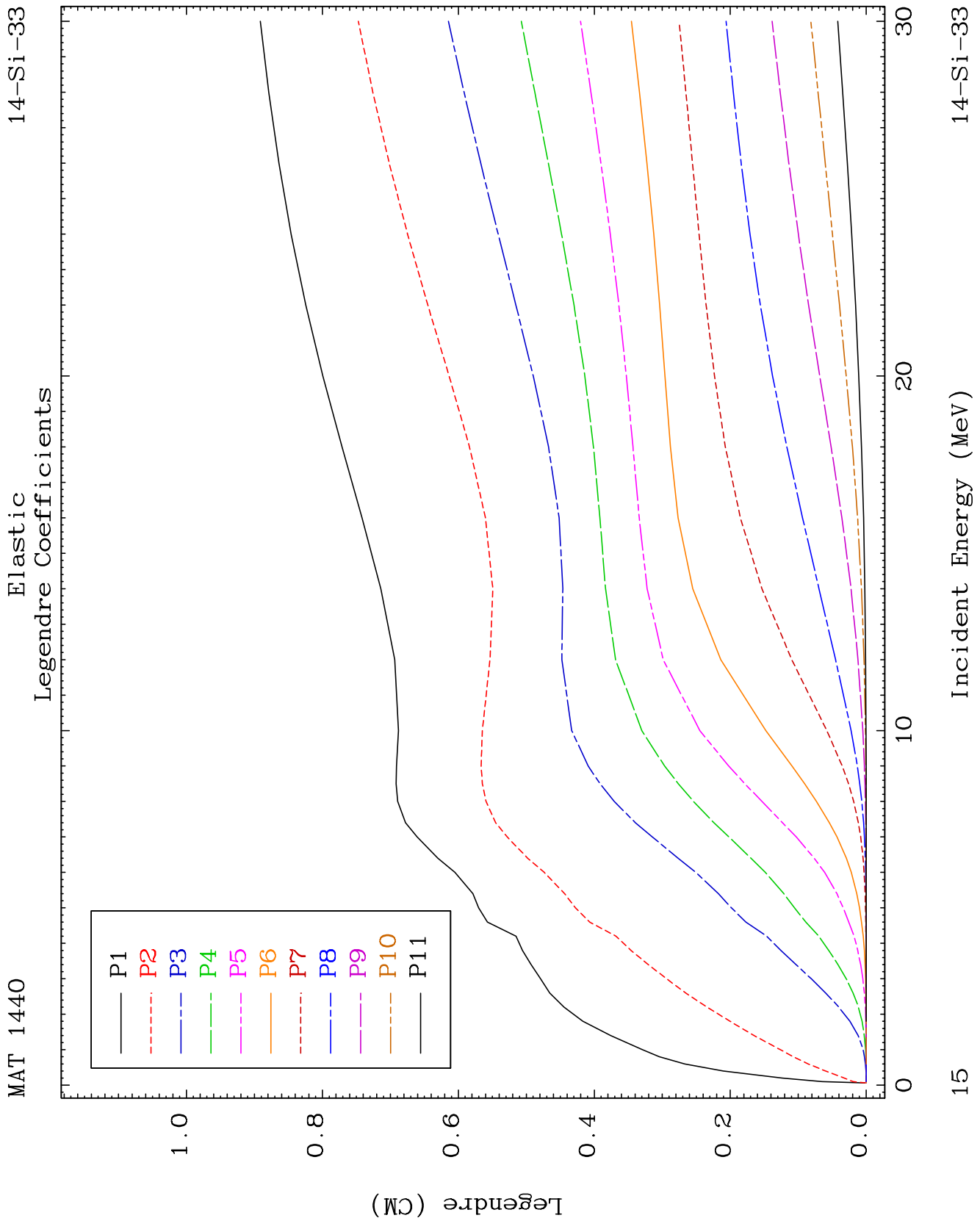


13

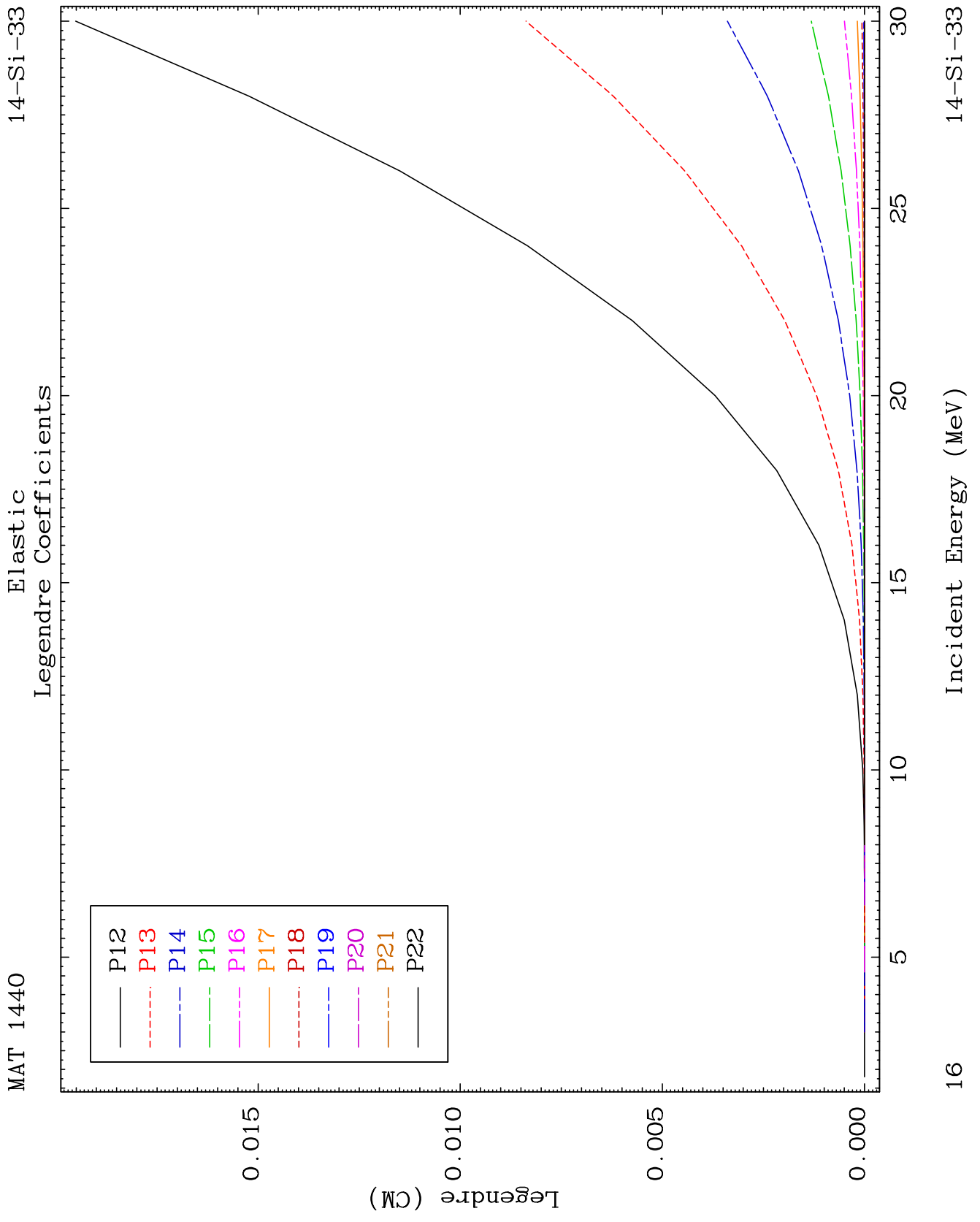
Incident Energy (MeV)

14-Si-33









MAT 1440

Elastic Legendre Coefficients

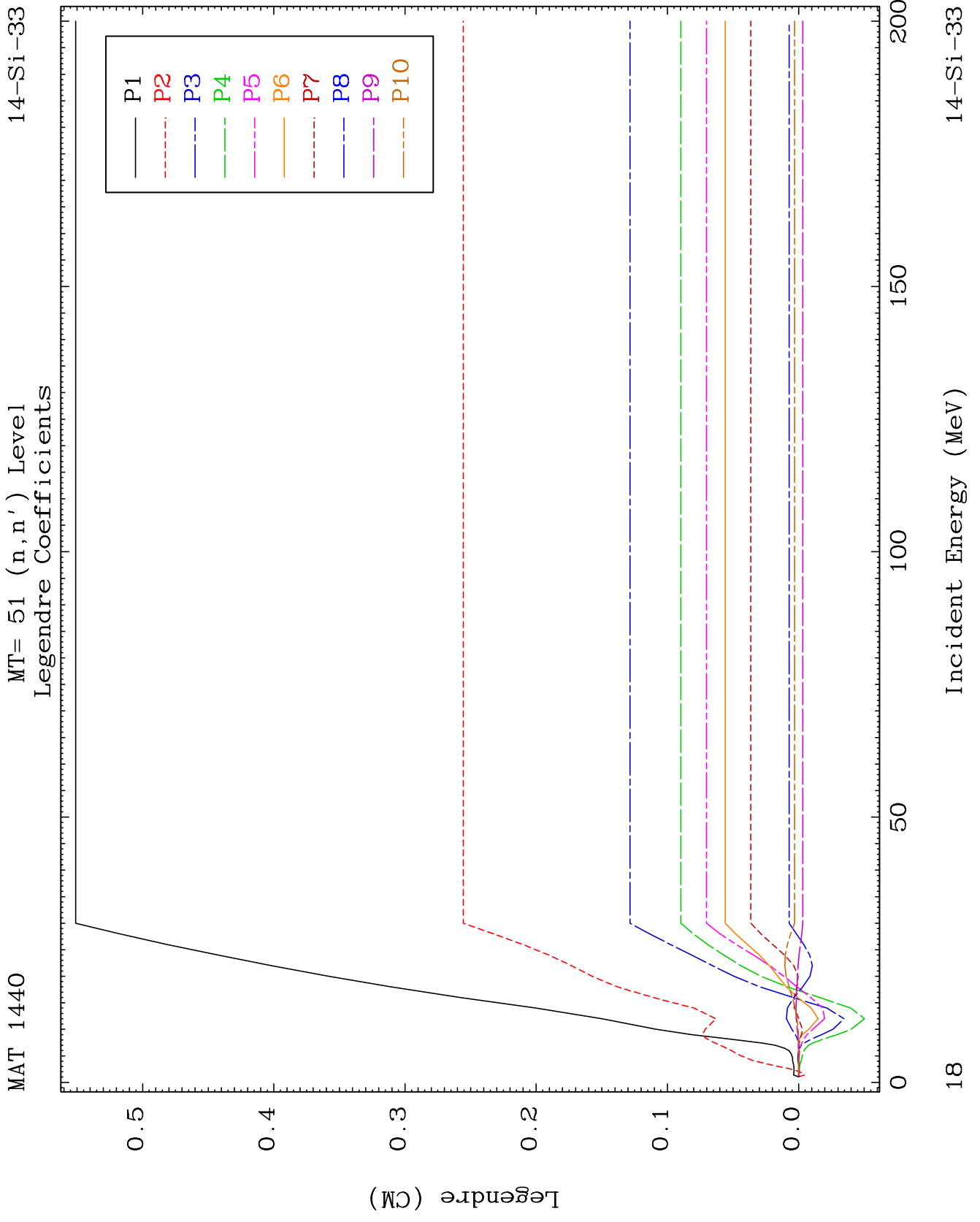
$^{14}\text{Si-33}$

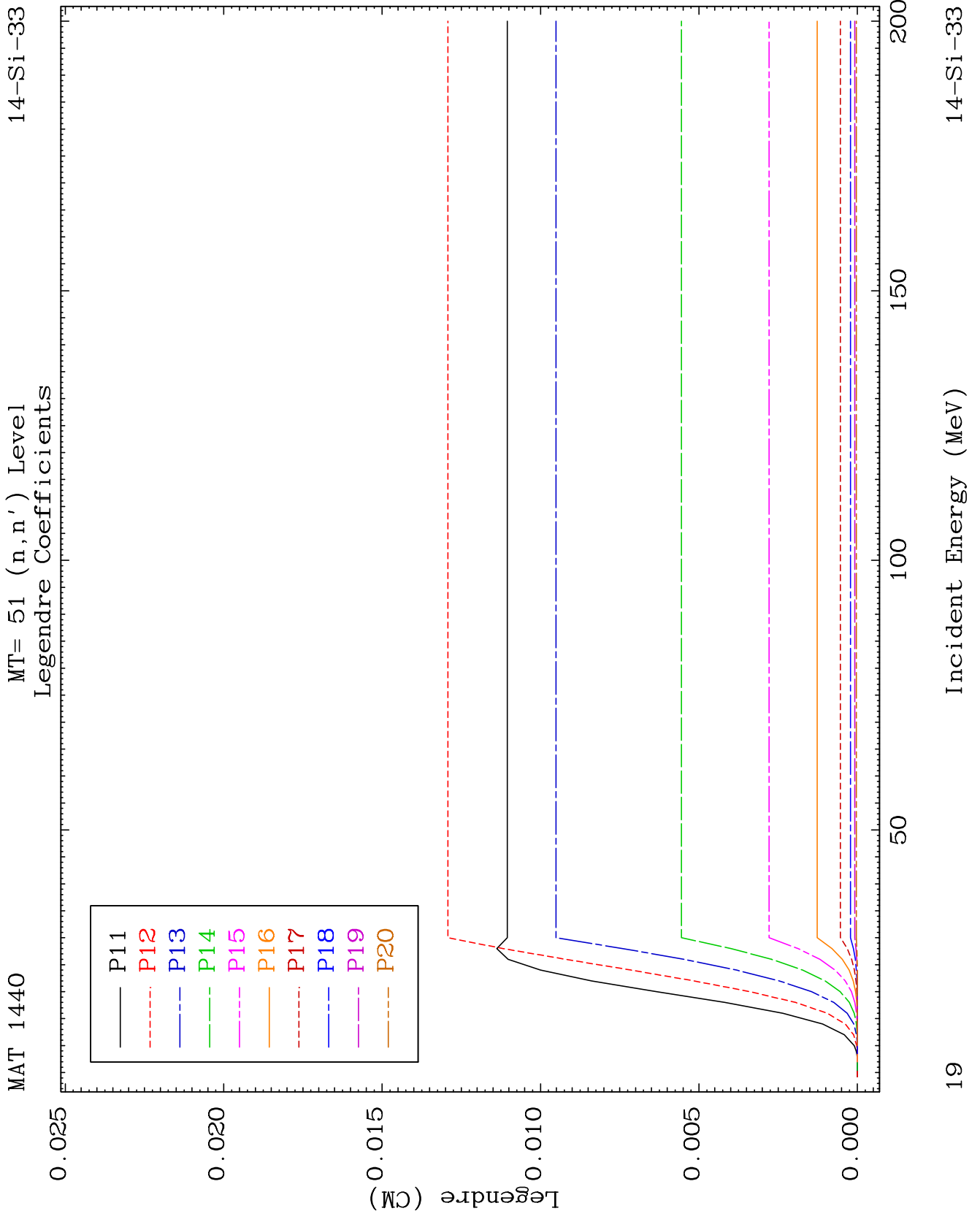
16

Incident Energy (MeV)

$^{14}\text{Si-33}$





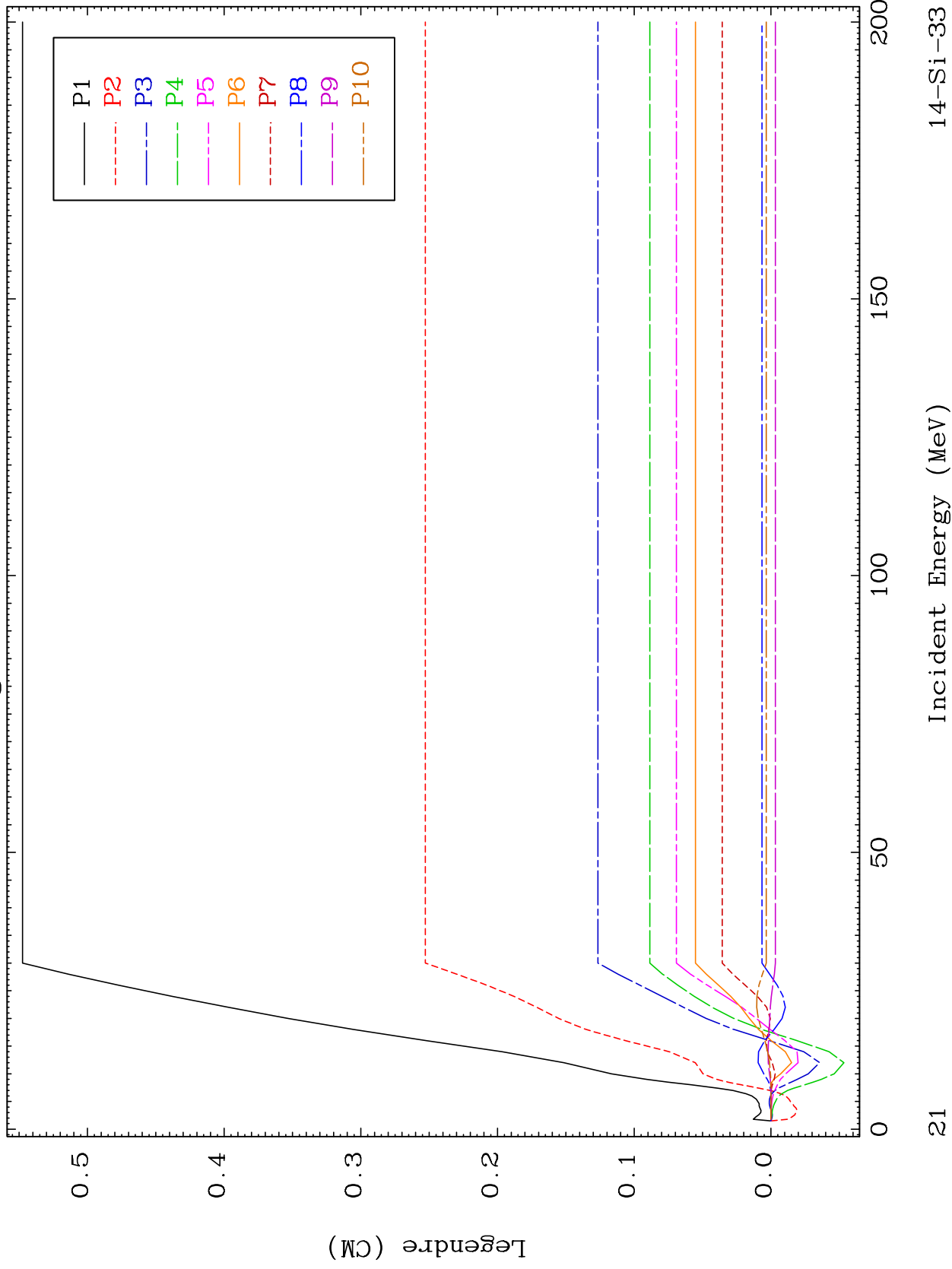




MAT 1440

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

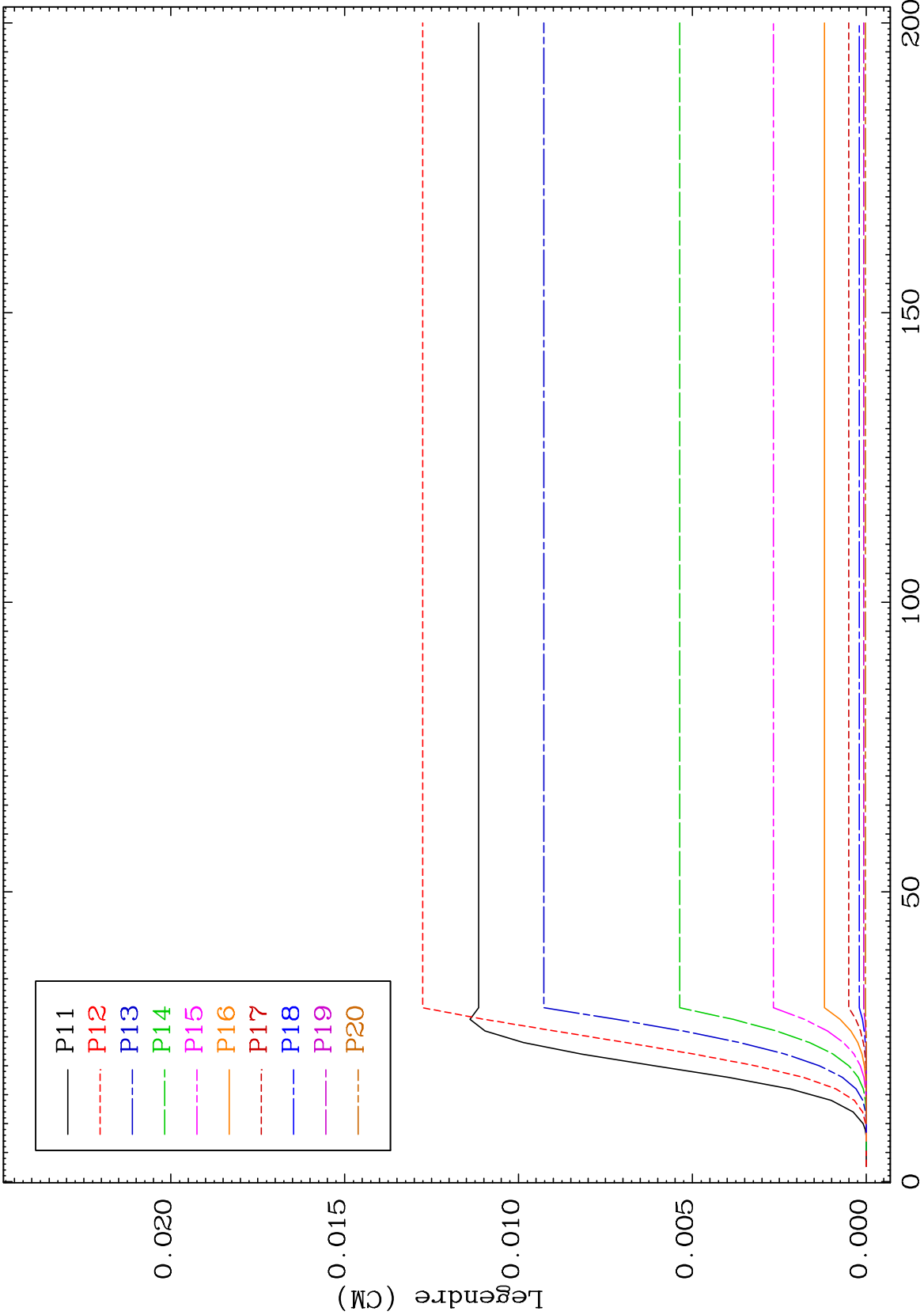
14-Si-33



MAT 1440

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

14-Si-33



22

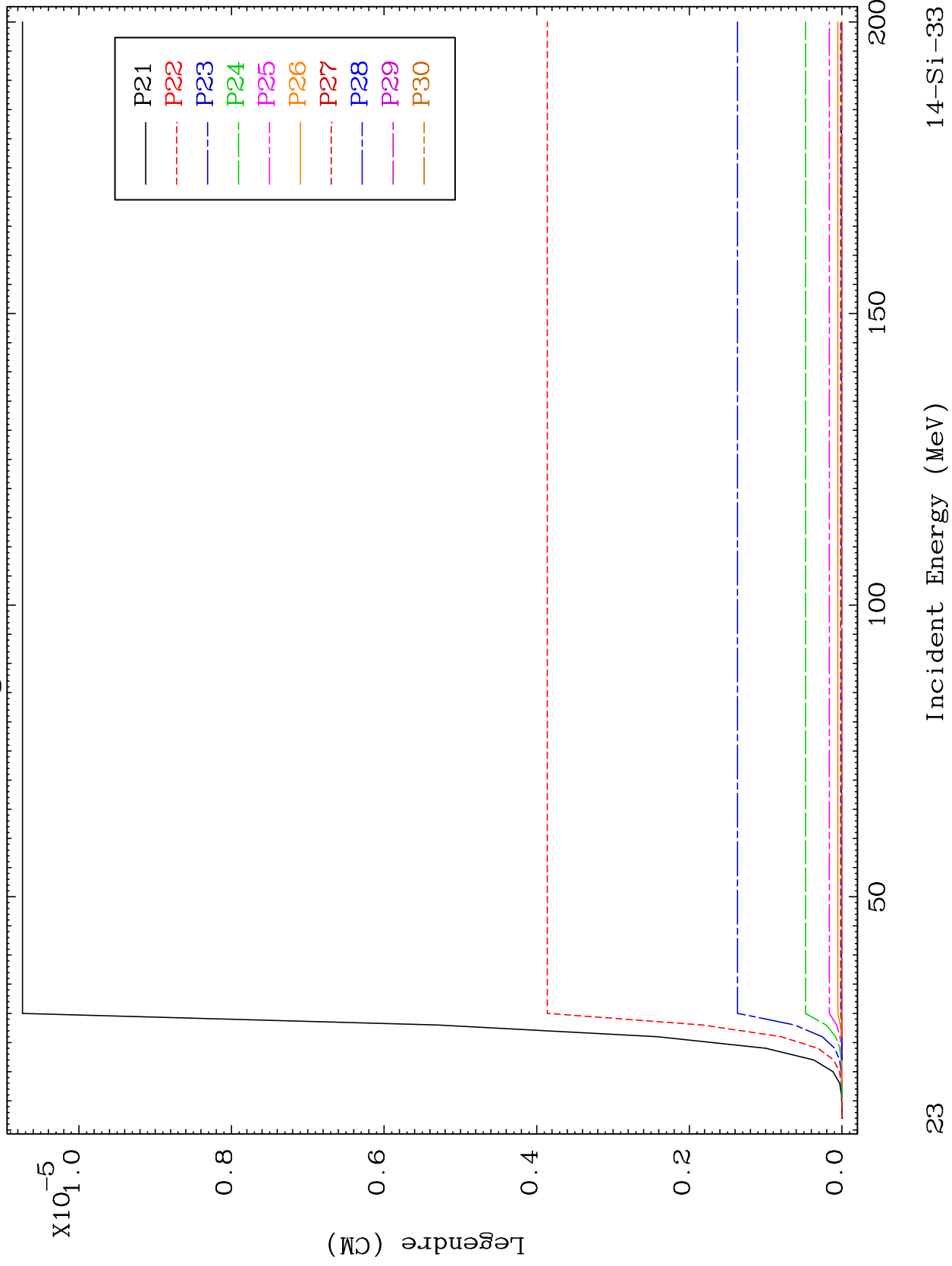
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



23

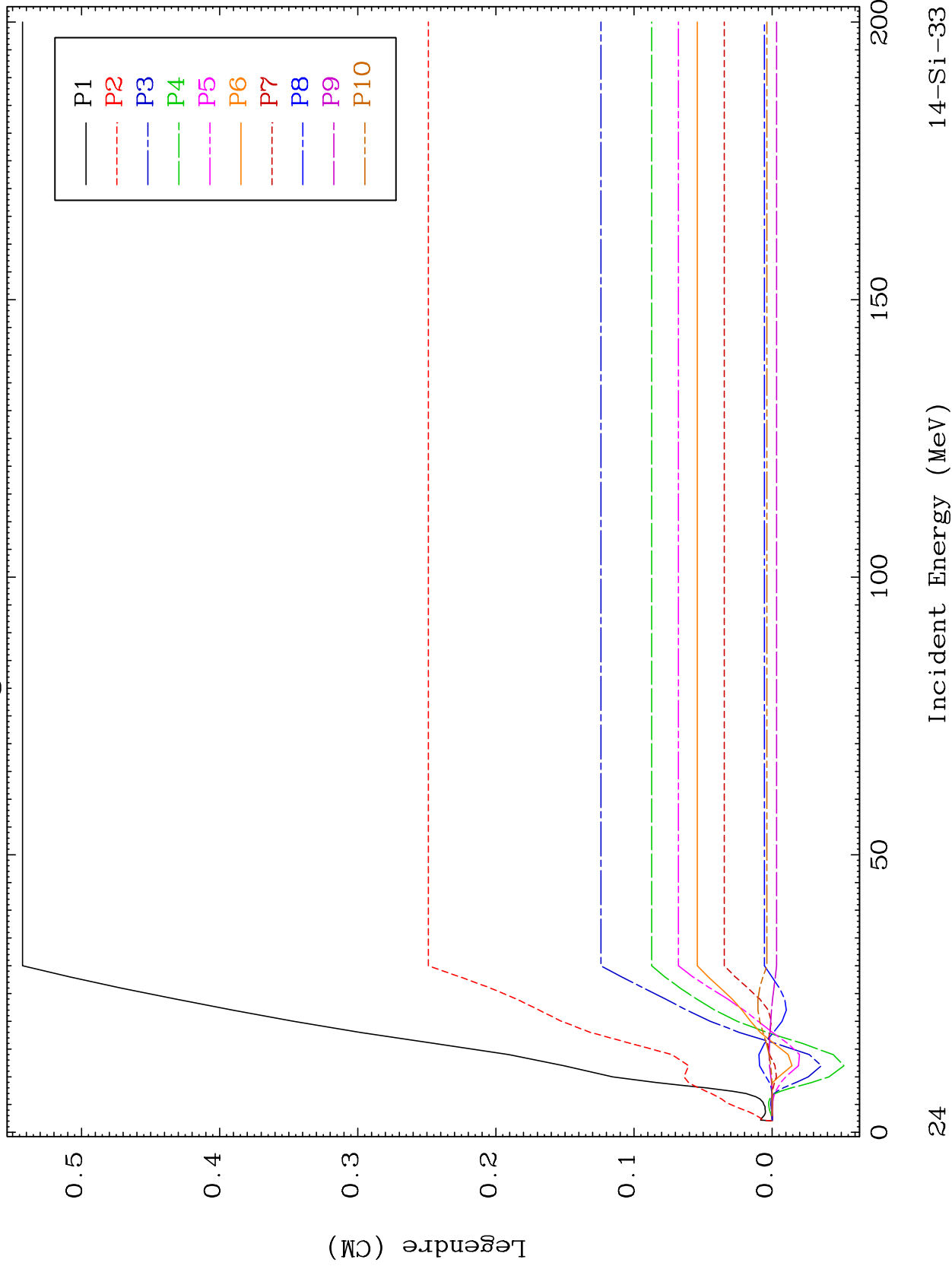
14-Si-33



MAT 1440

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

14-Si-33



24

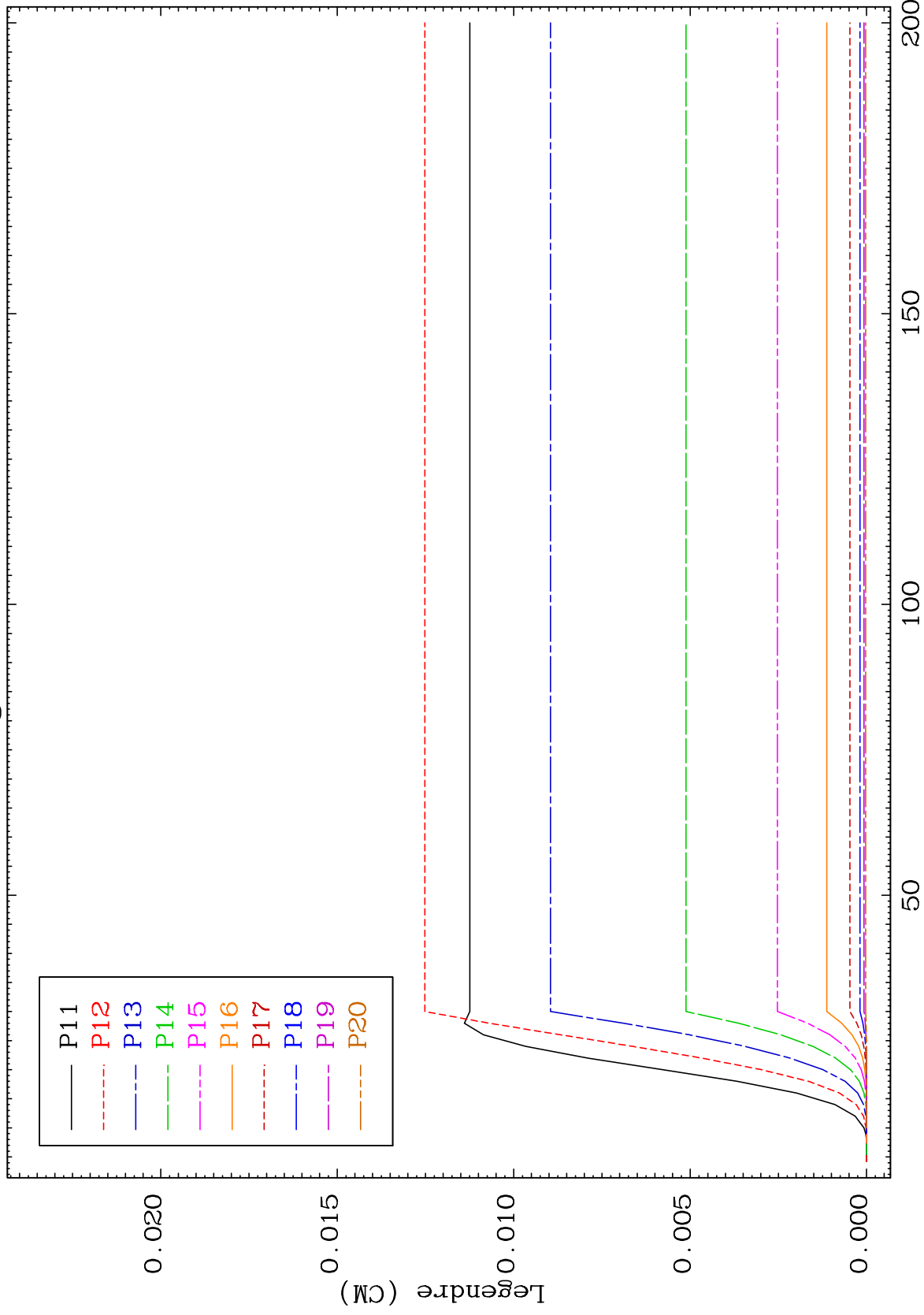
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



25

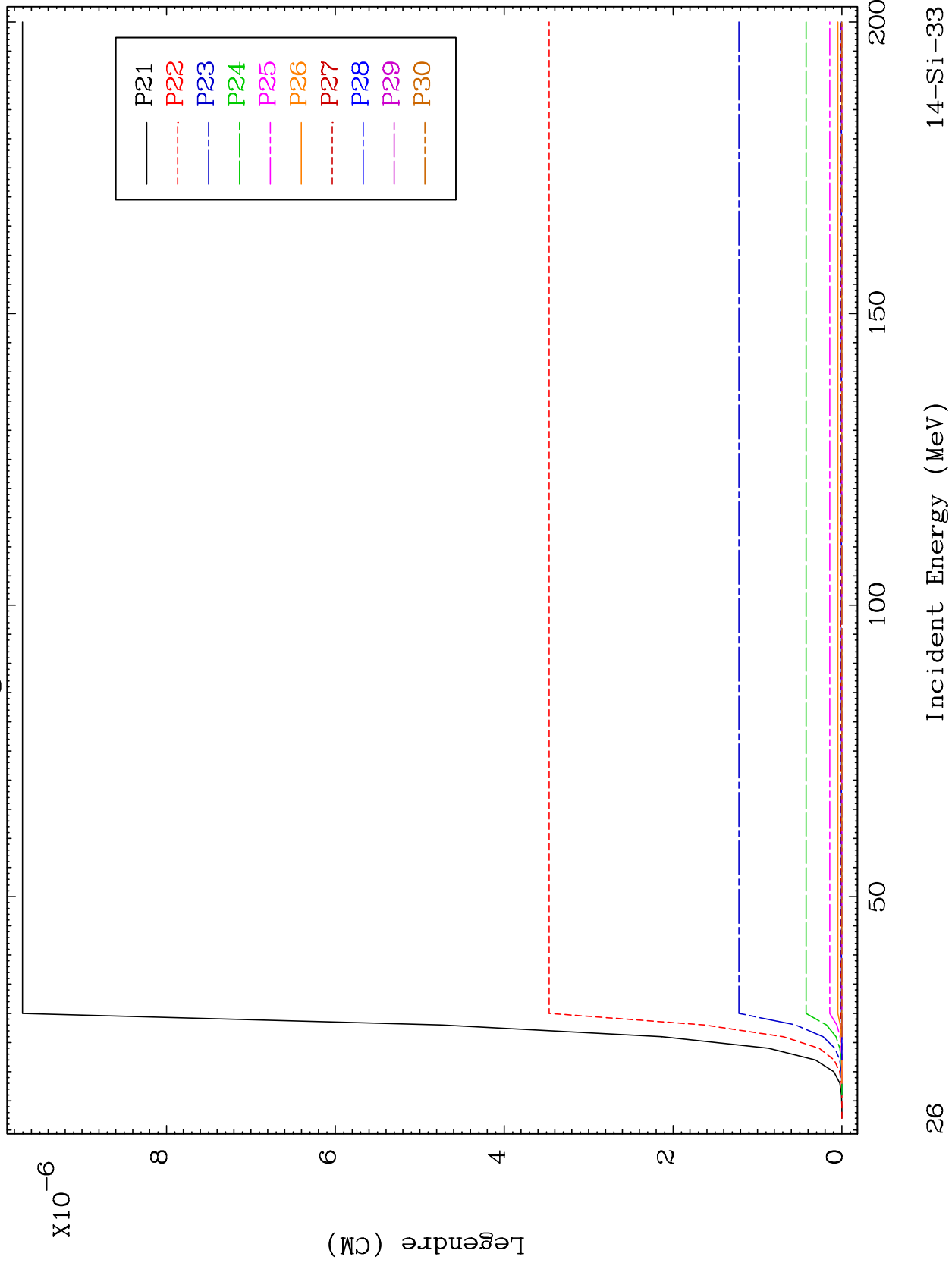
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



26

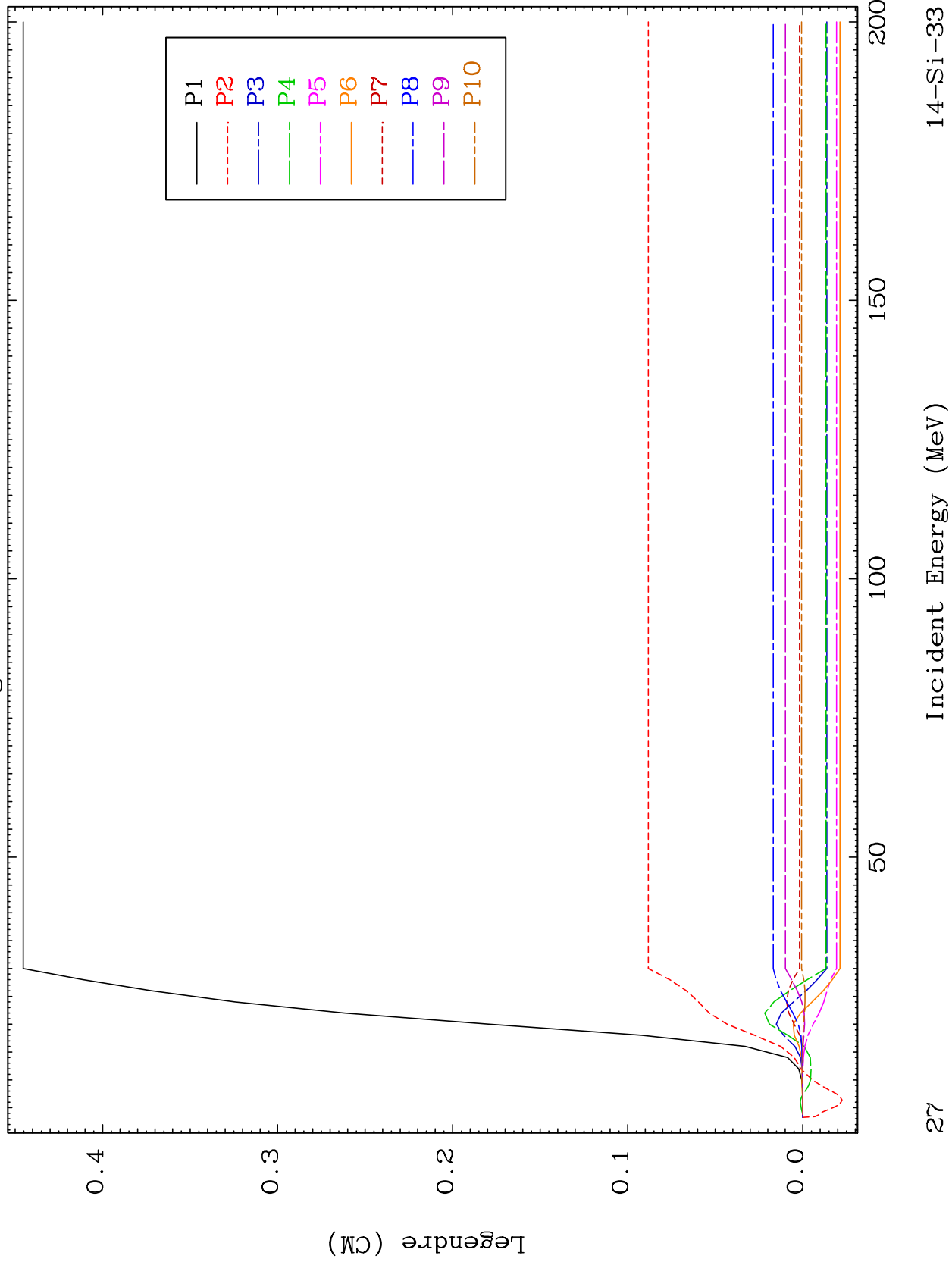
Incident Energy (MeV)

14-Si-33

MAT 1440

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

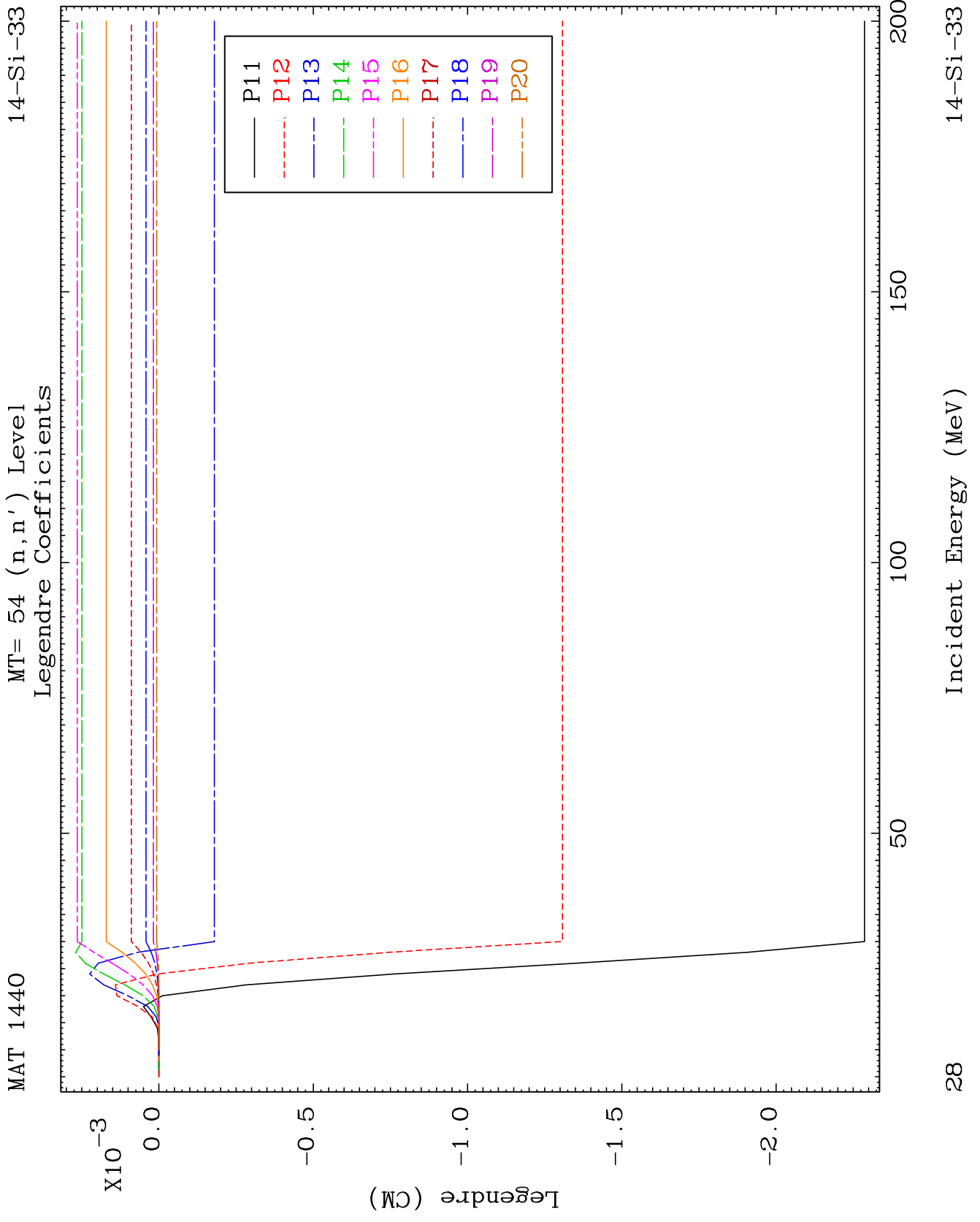
14-Si-33



27

Incident Energy (MeV)

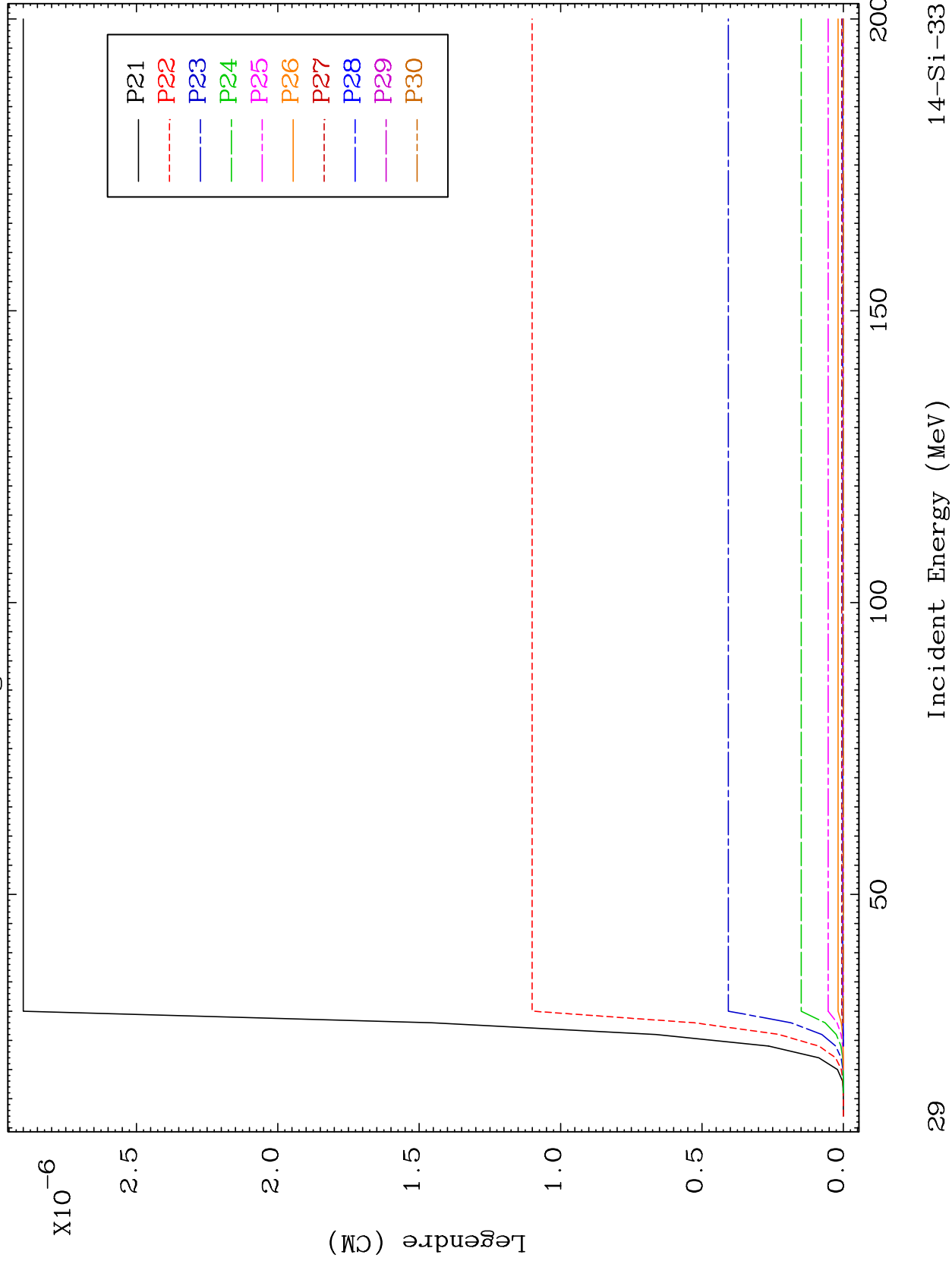
14-Si-33



MAT 1440

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

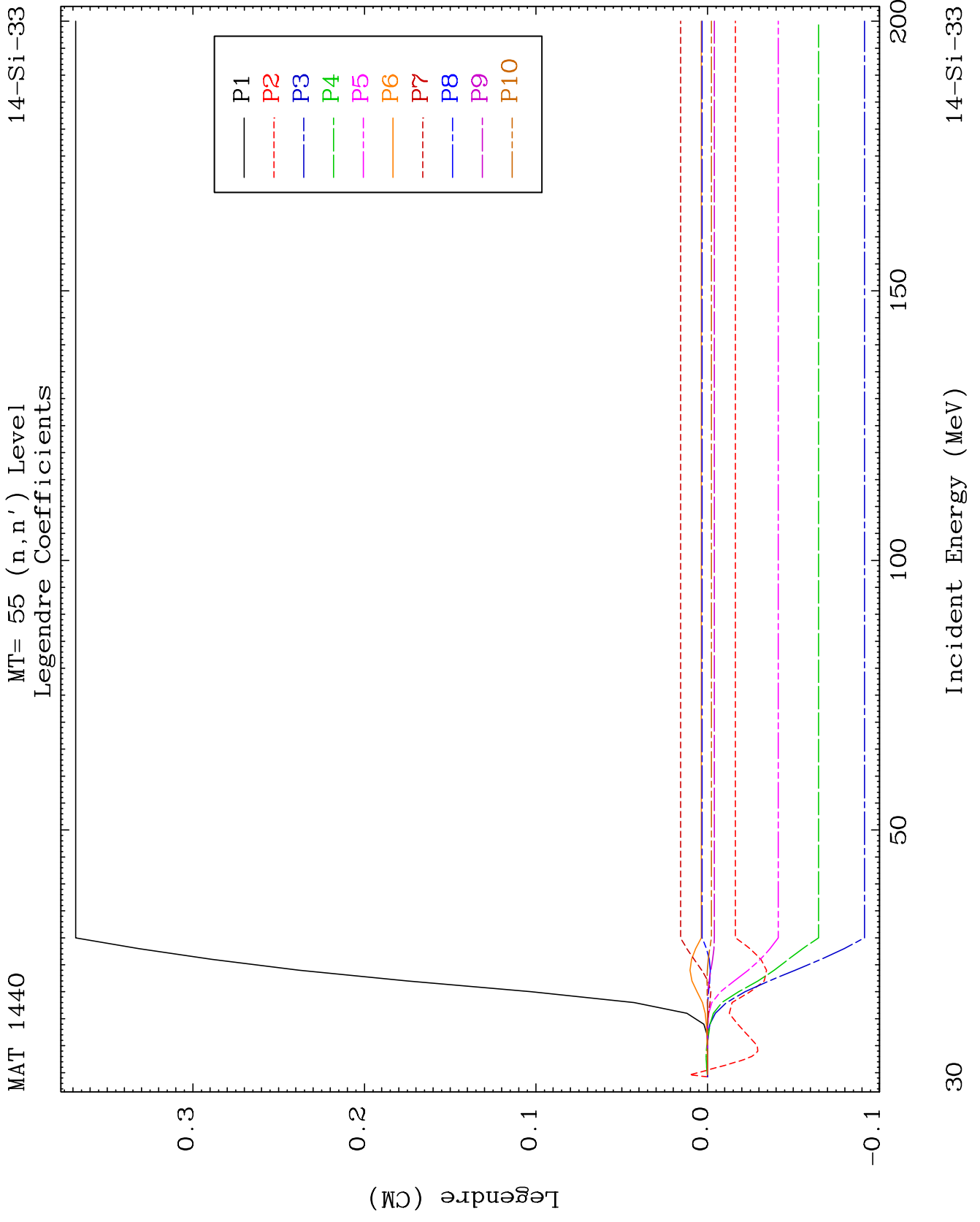
14-Si-33

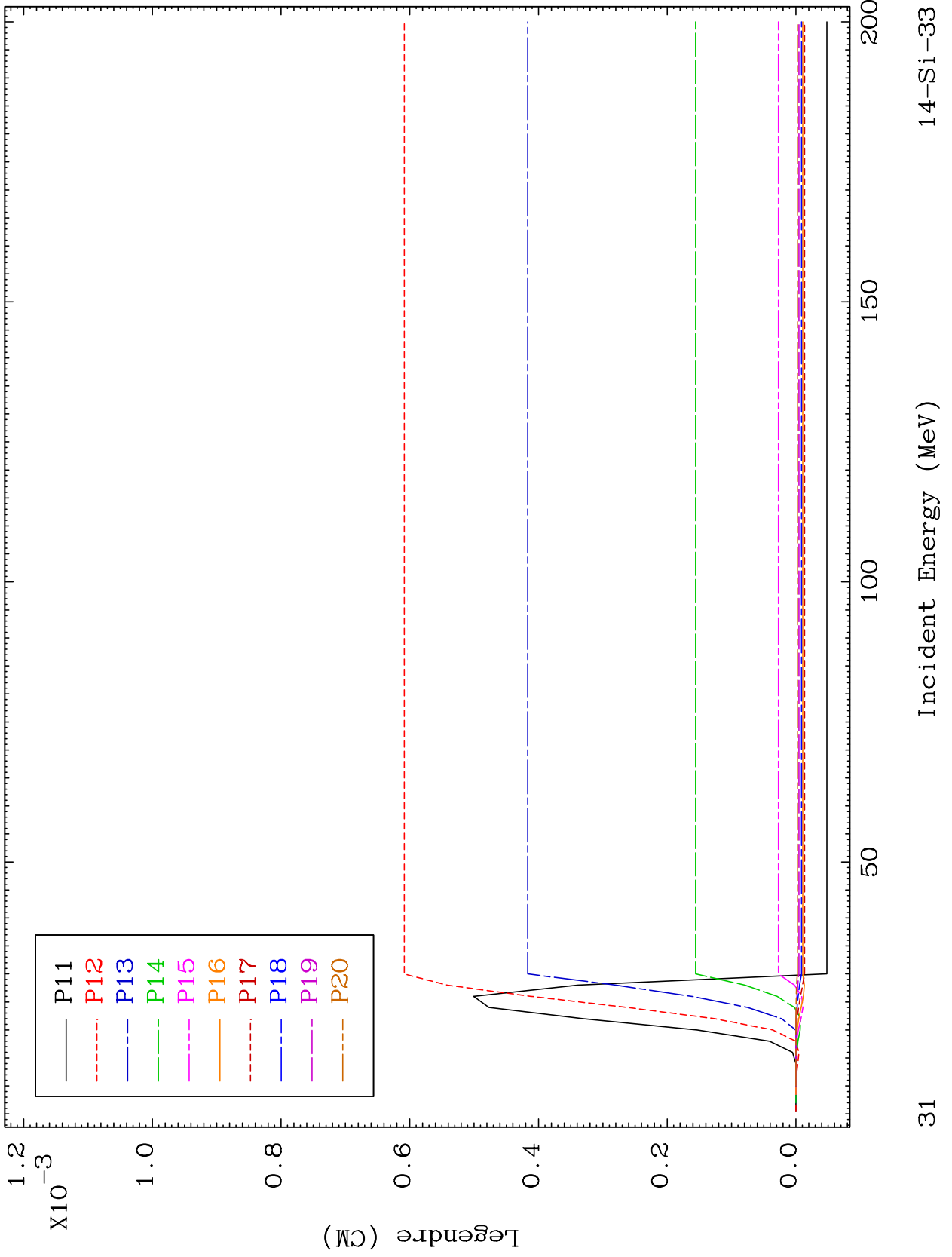


29

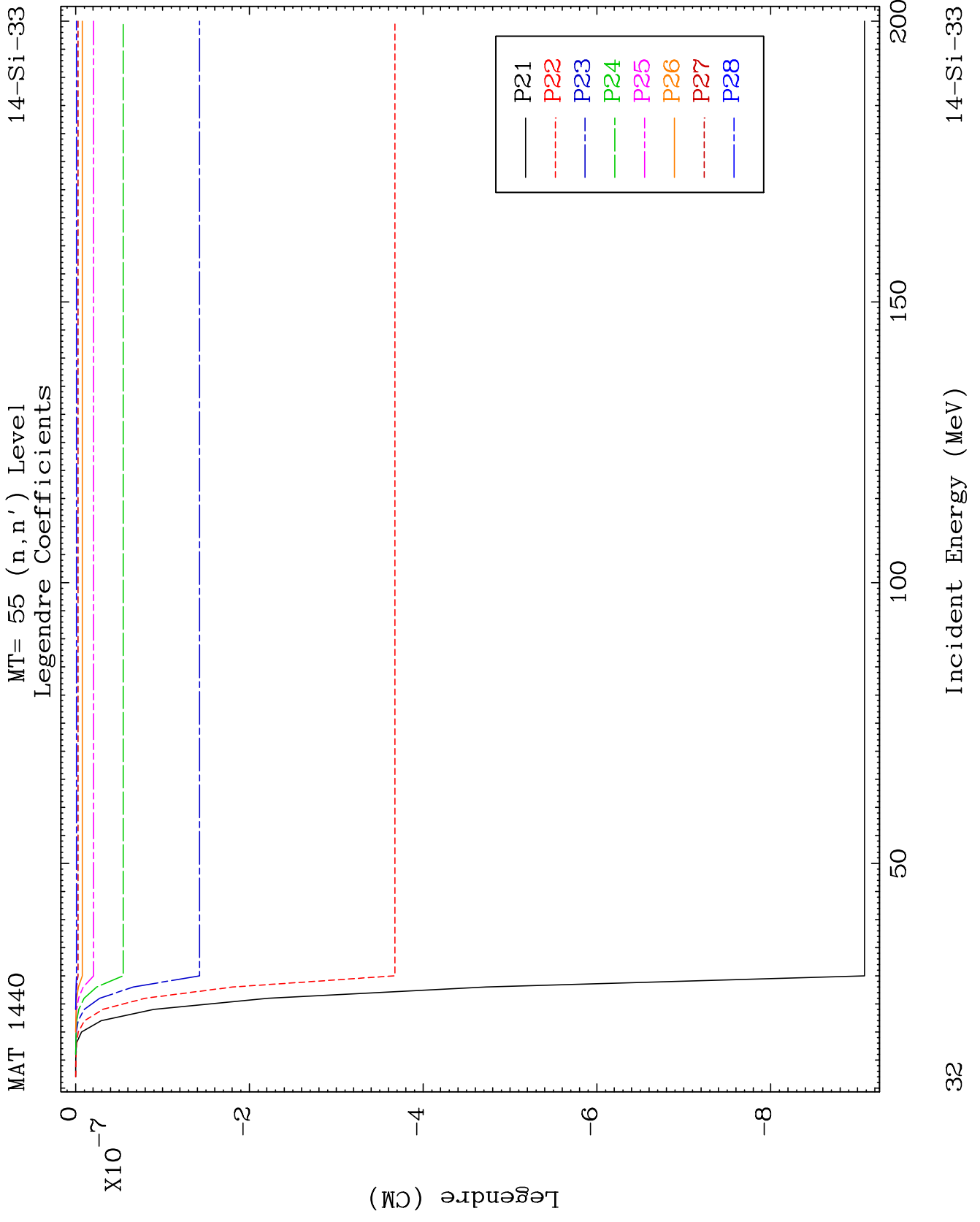
Incident Energy (MeV)

14-Si-33





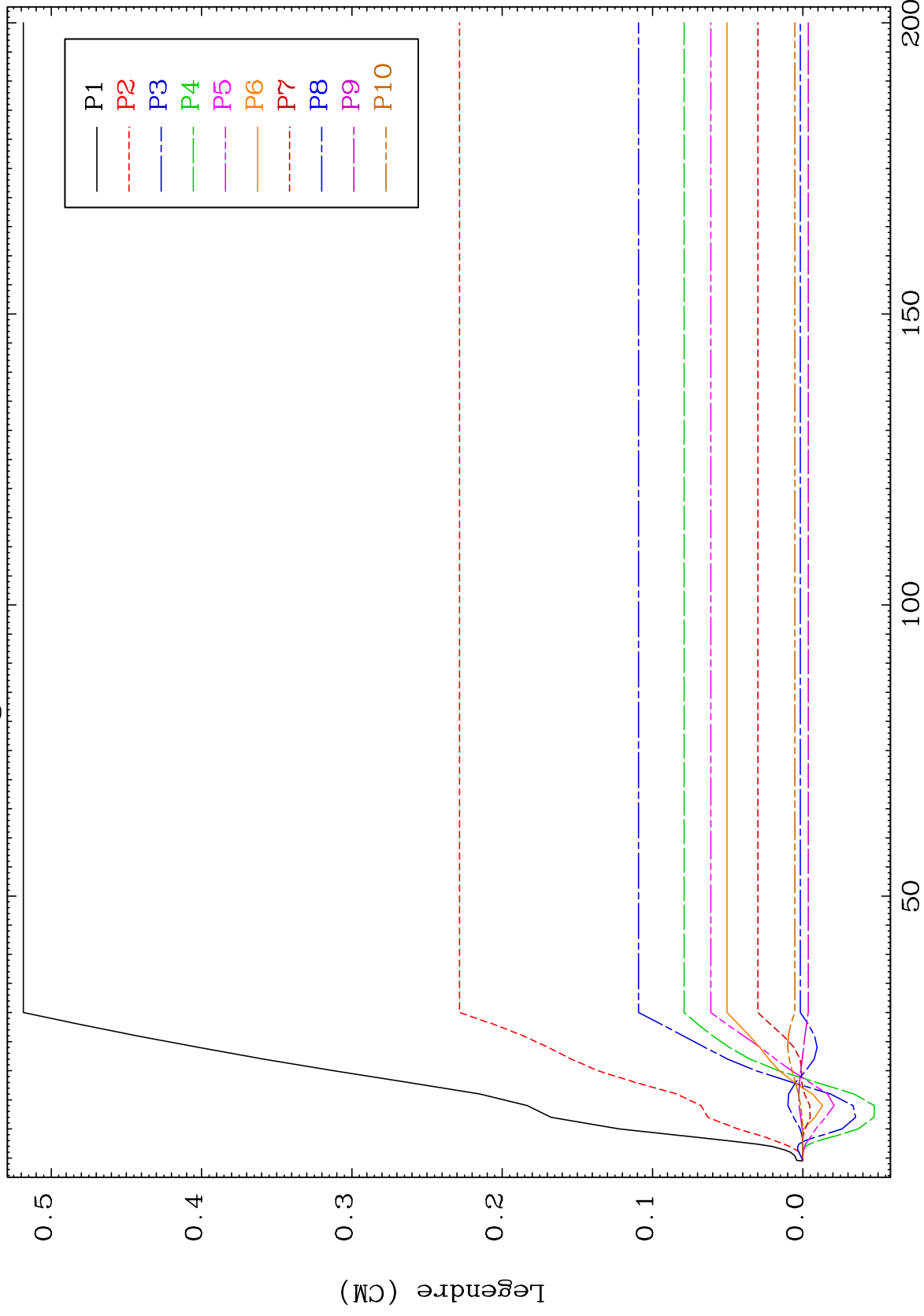




MAT 1440

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

14-Si-33



33

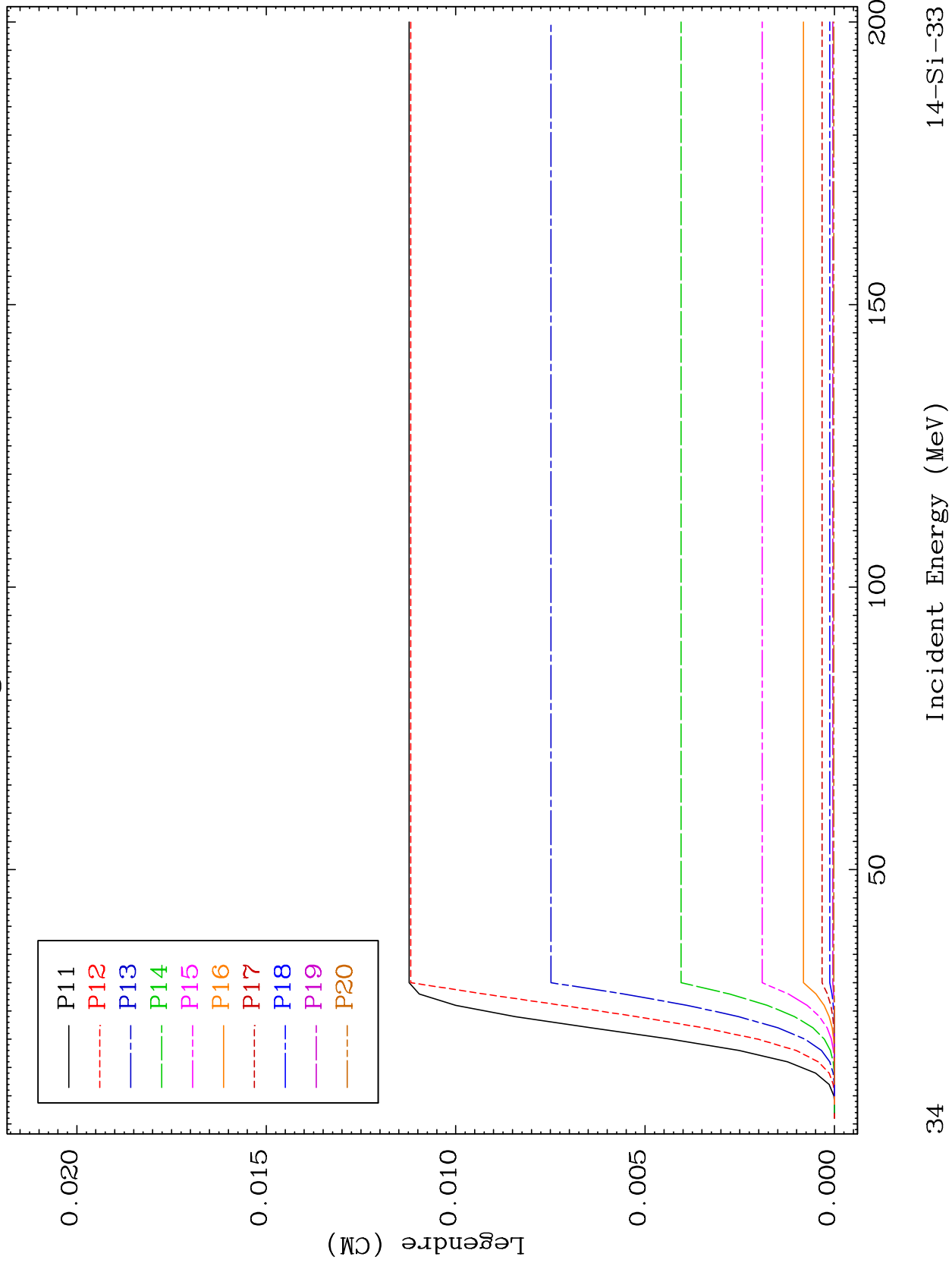
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



34

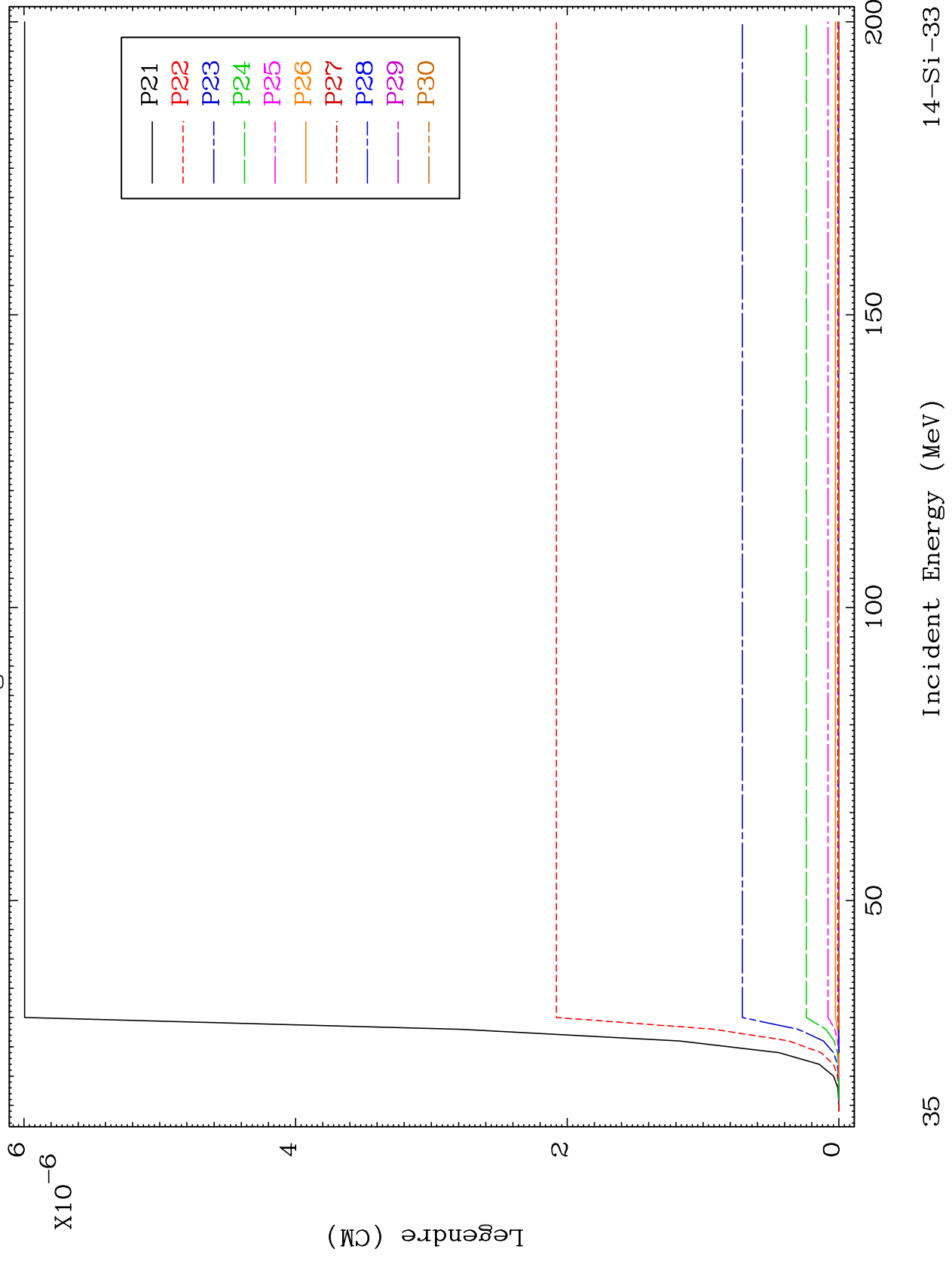
Incident Energy (MeV)

14-Si-33

MAT 1440

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

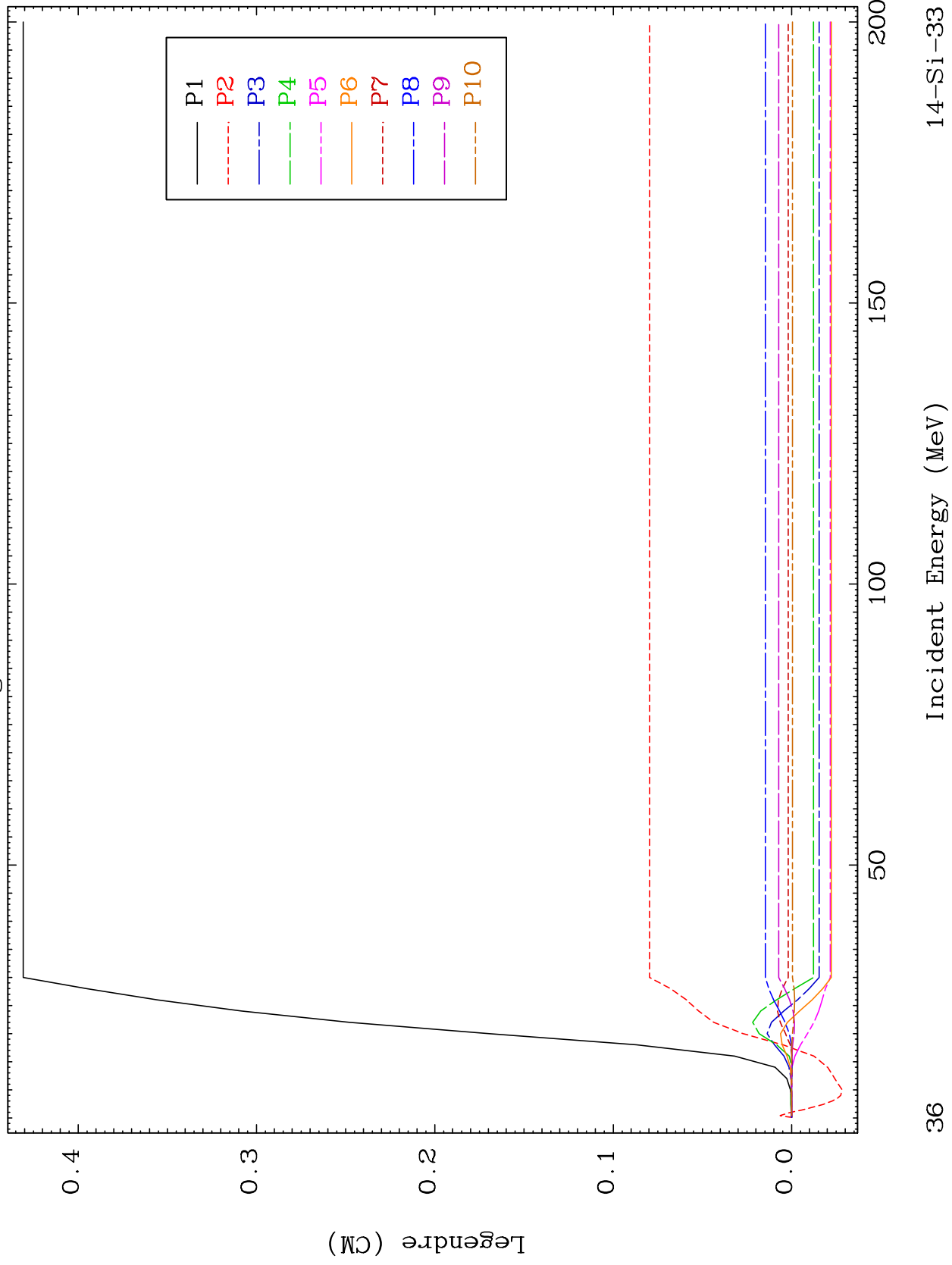
14-Si-33



MAT 1440

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

14-Si-33



36

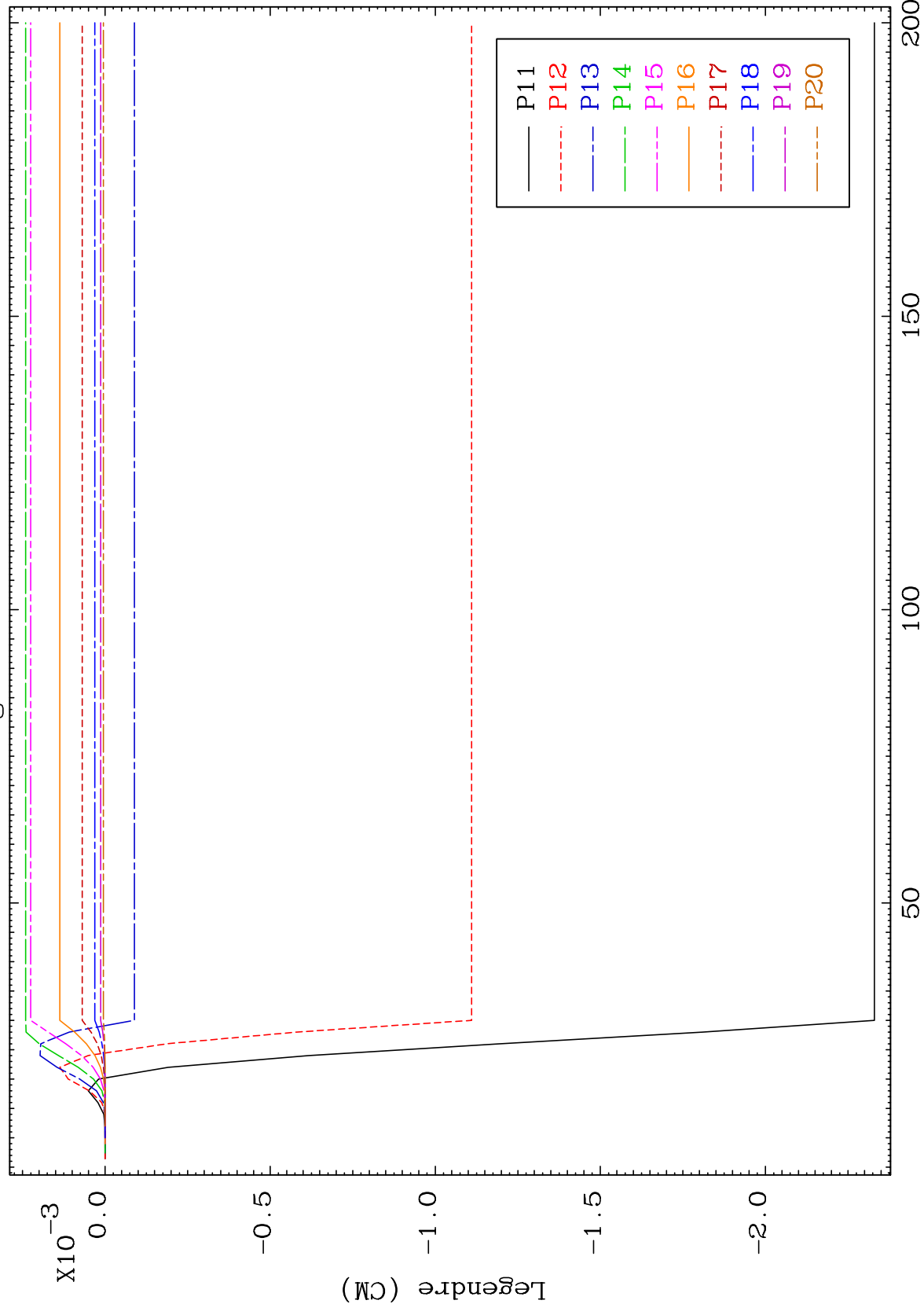
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



14-Si-33

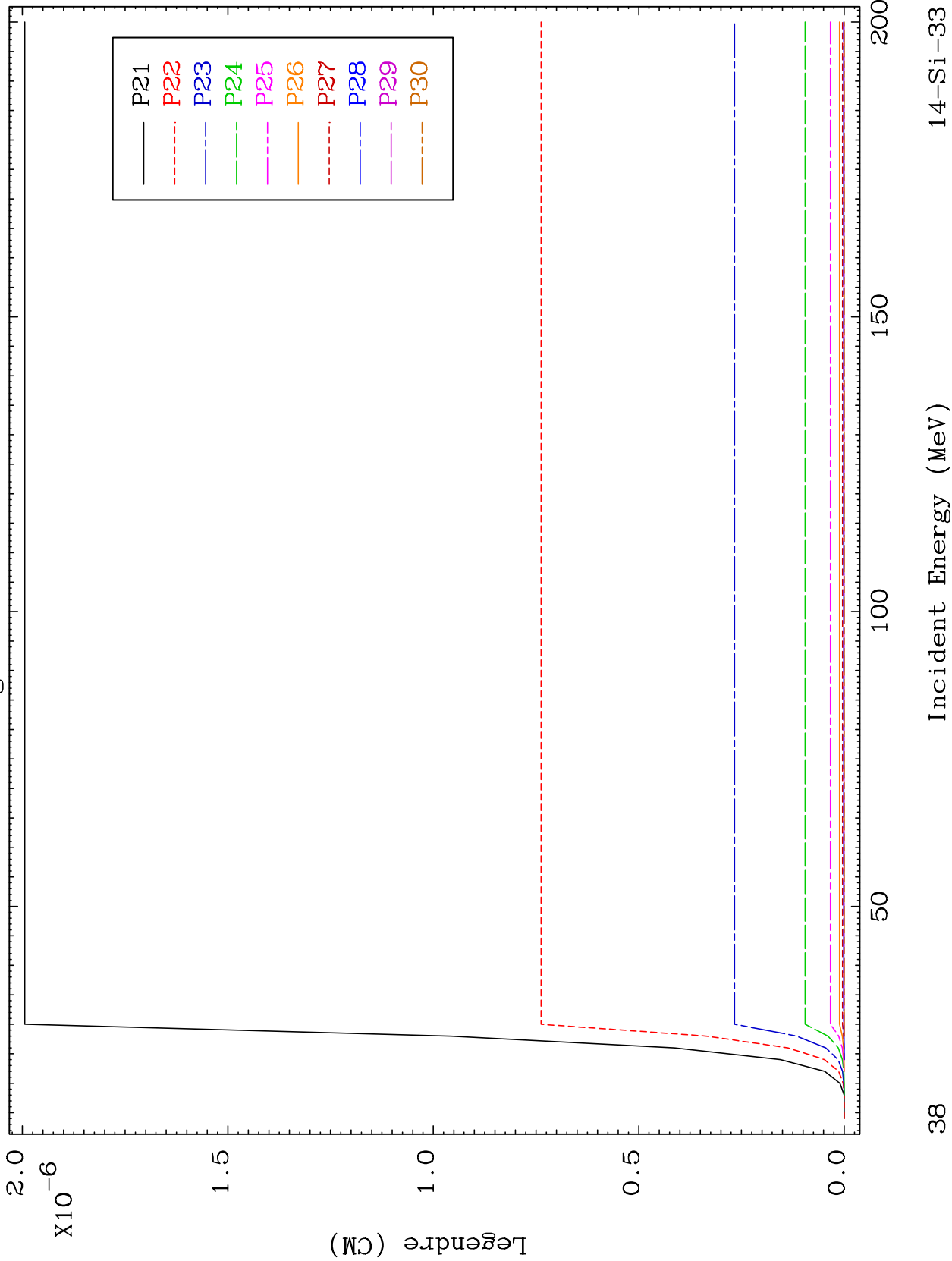
Incident Energy (MeV)

37

MAT 1440

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

14-Si-33



38

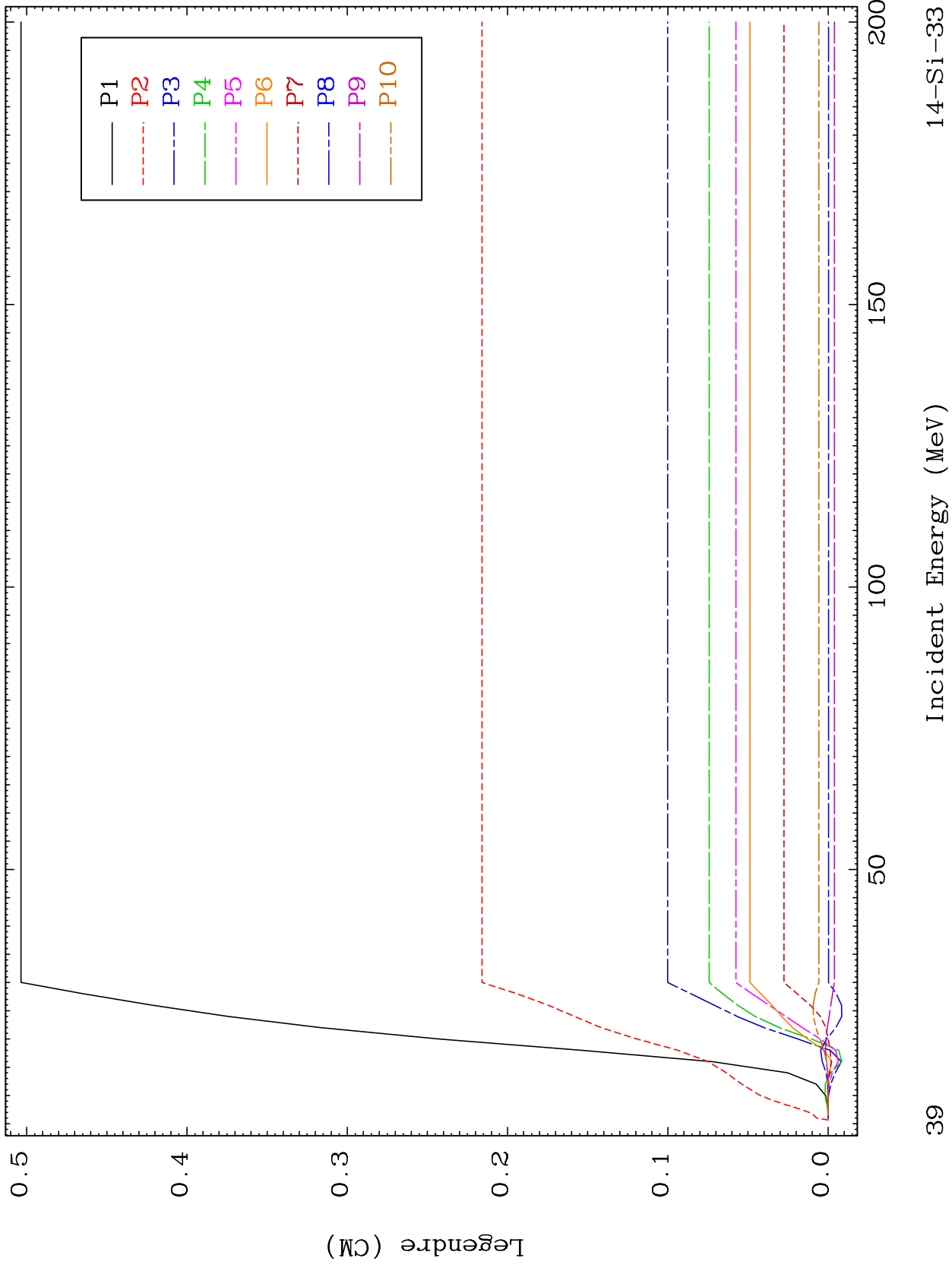
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33

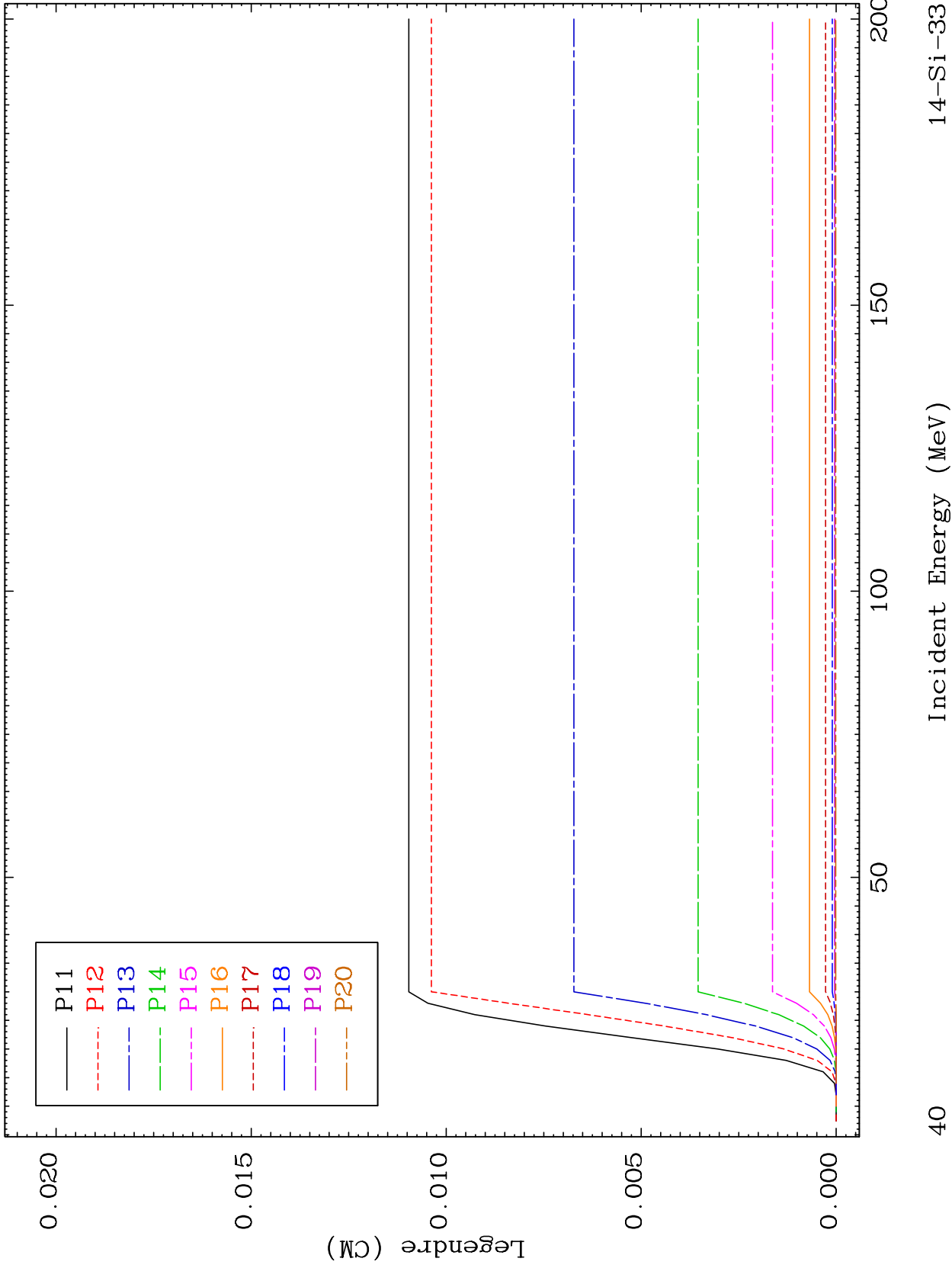




MAT 1440

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

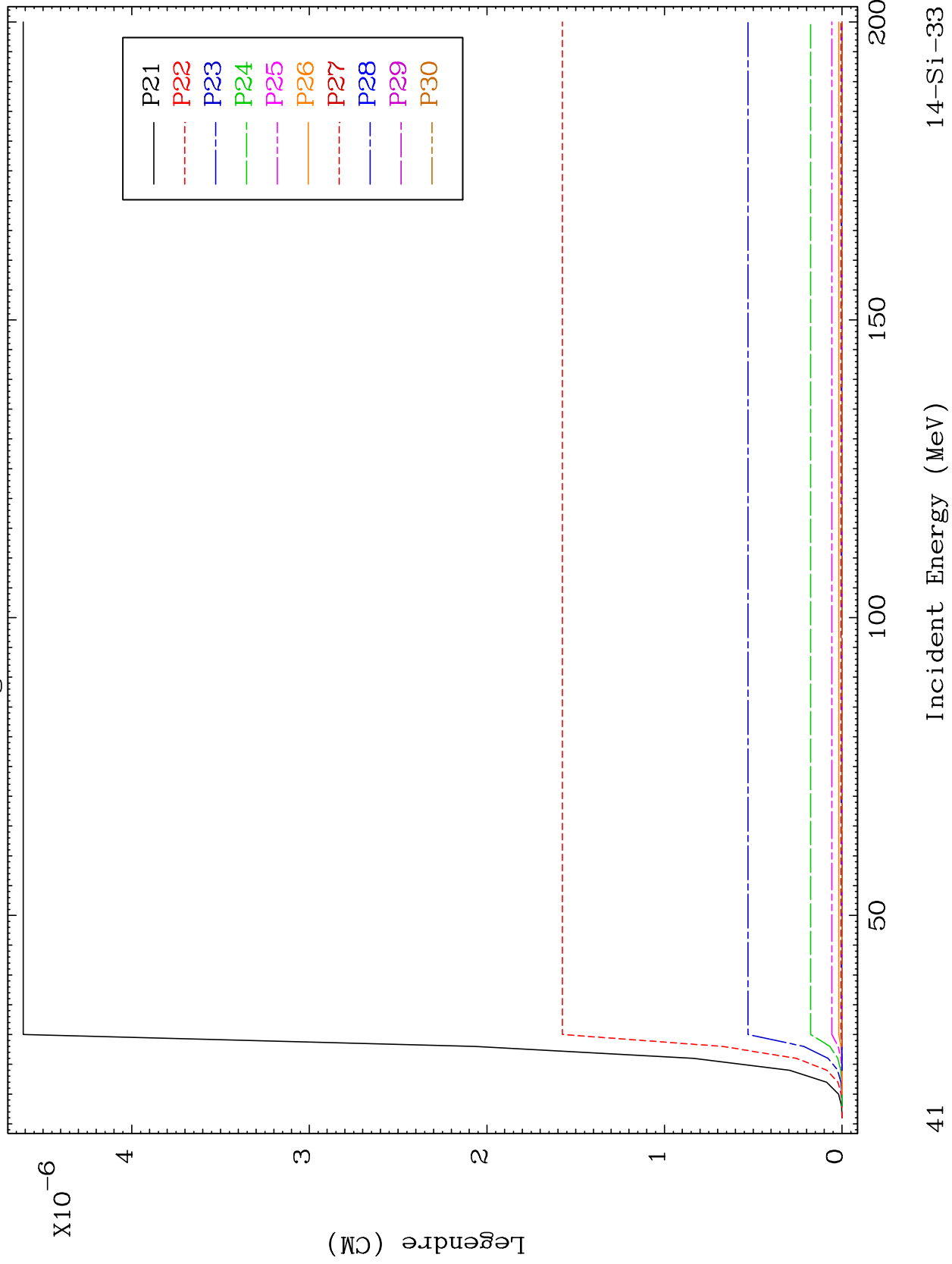
14-Si-33



MAT 1440

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

14-Si-33



41

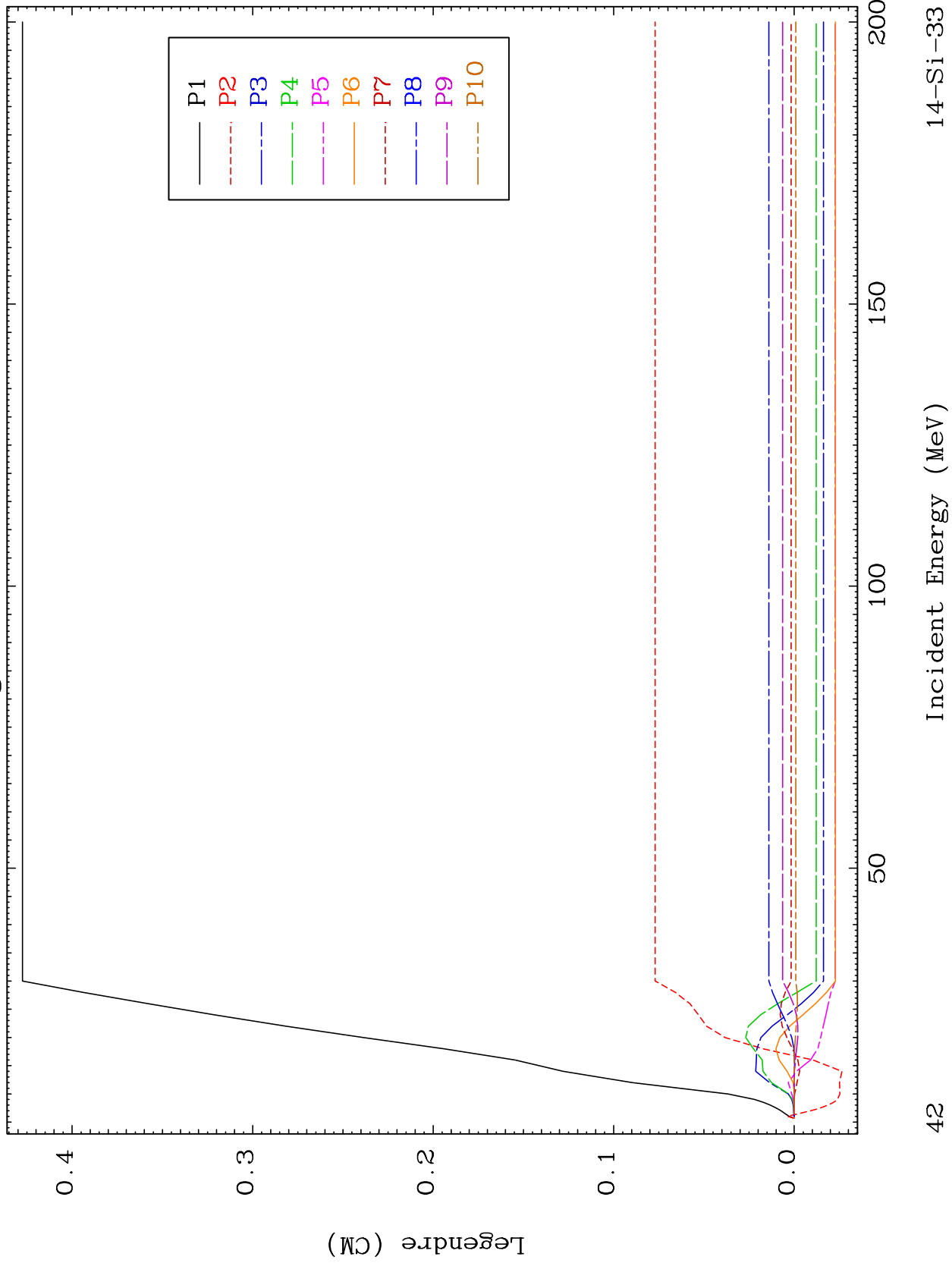
Incident Energy (MeV)

14-Si-33

MAT 1440

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

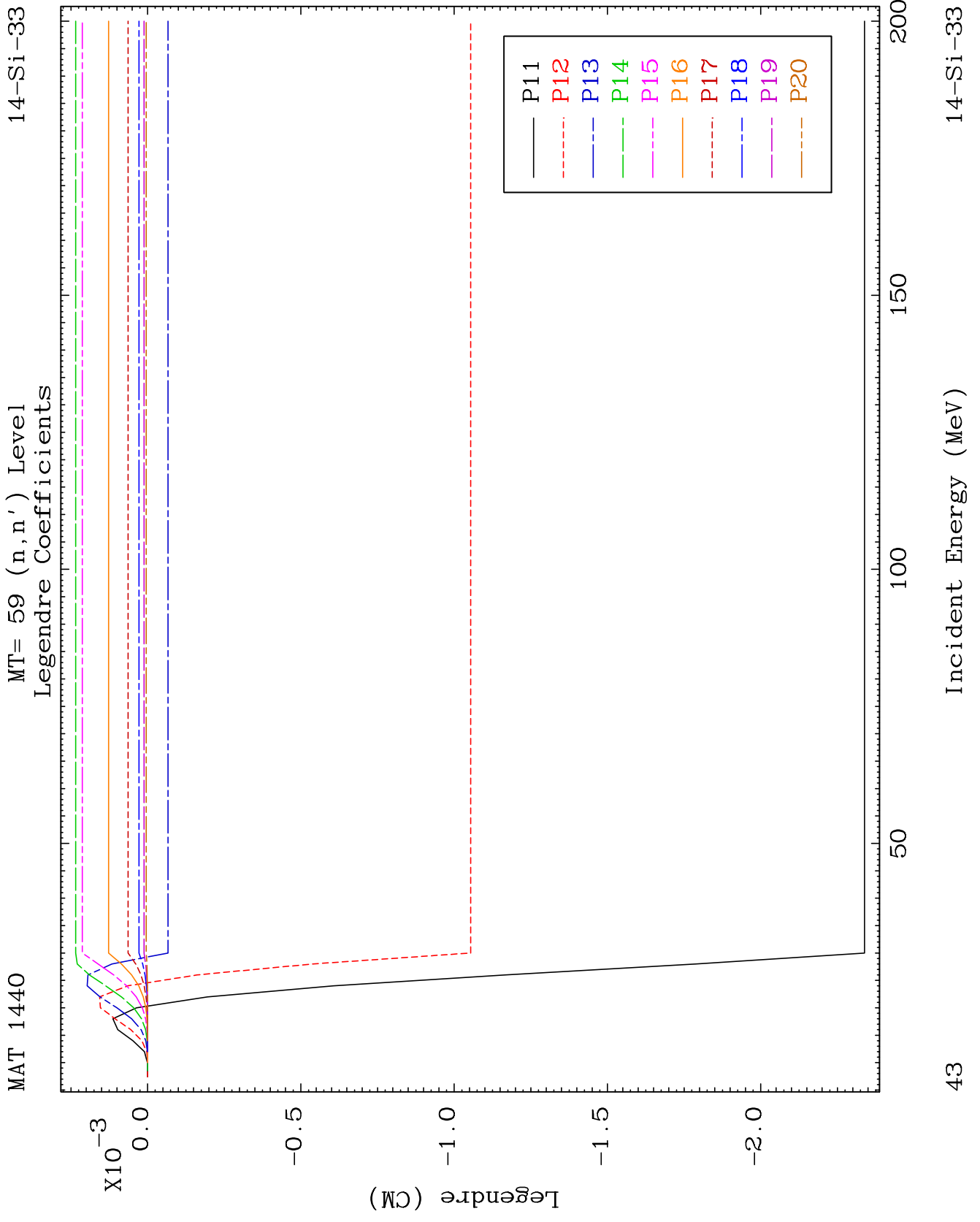
14-Si-33



14-Si-33

Incident Energy (MeV)

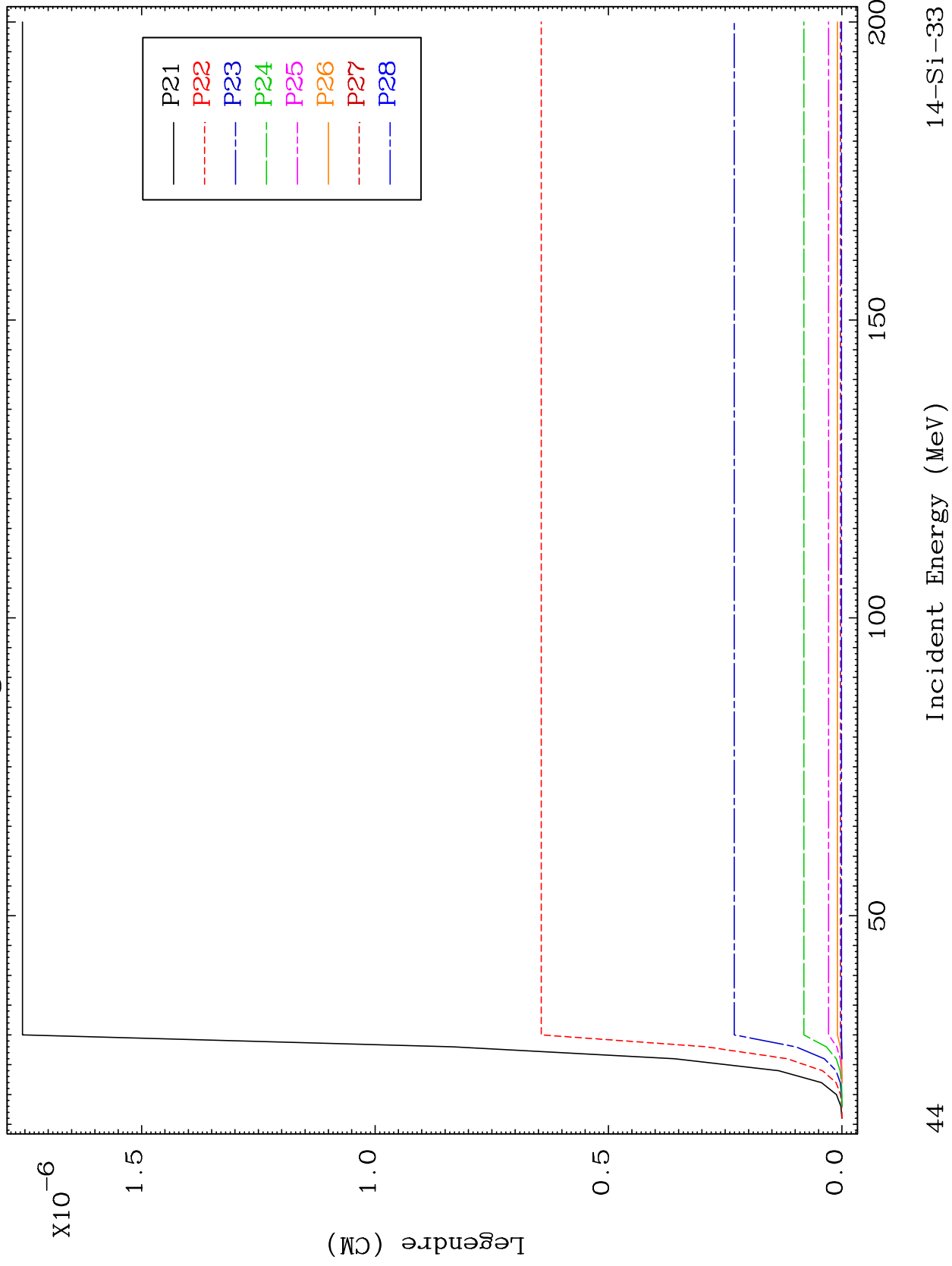
42



MAT 1440

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

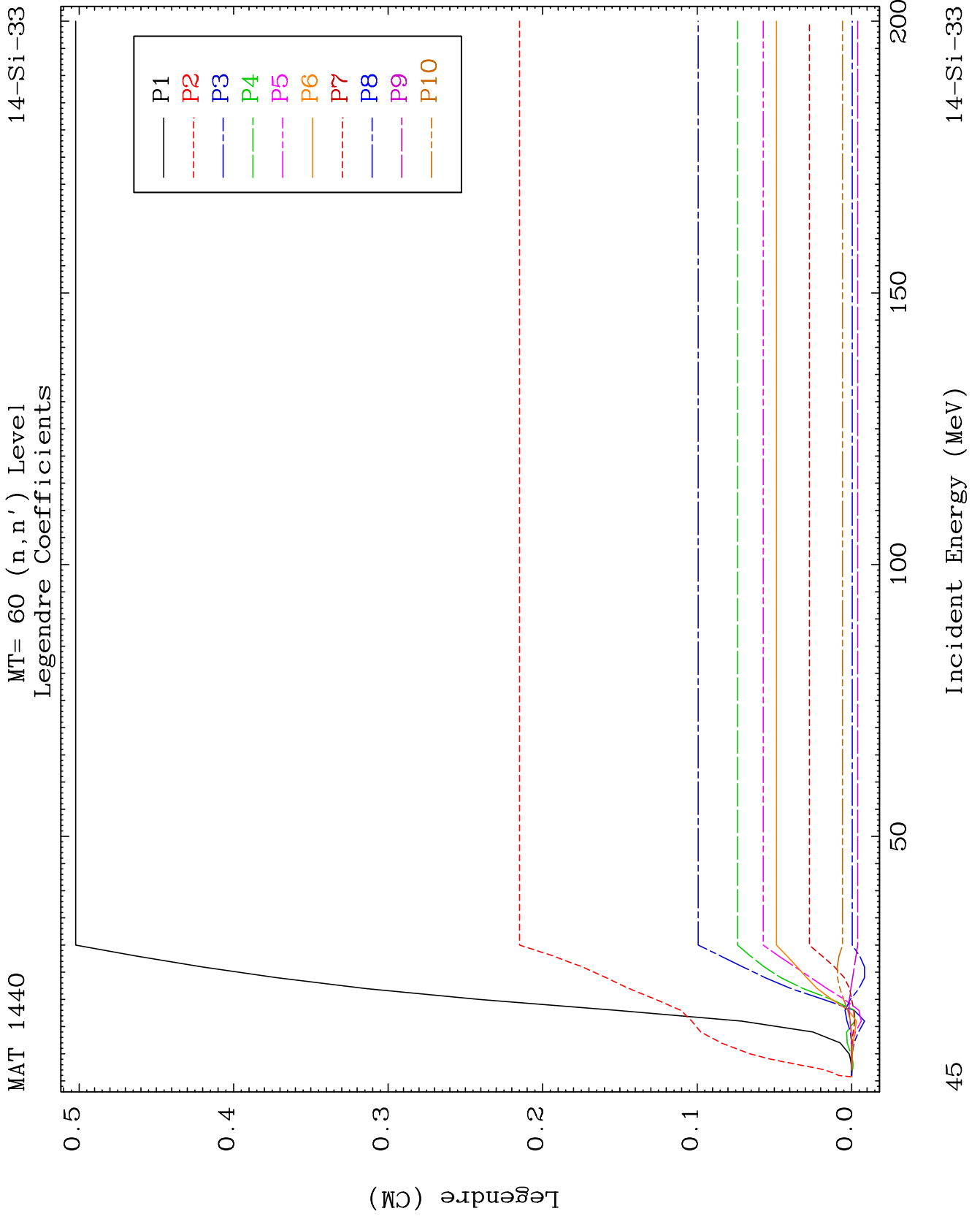
14-Si-33



44

Incident Energy (MeV)

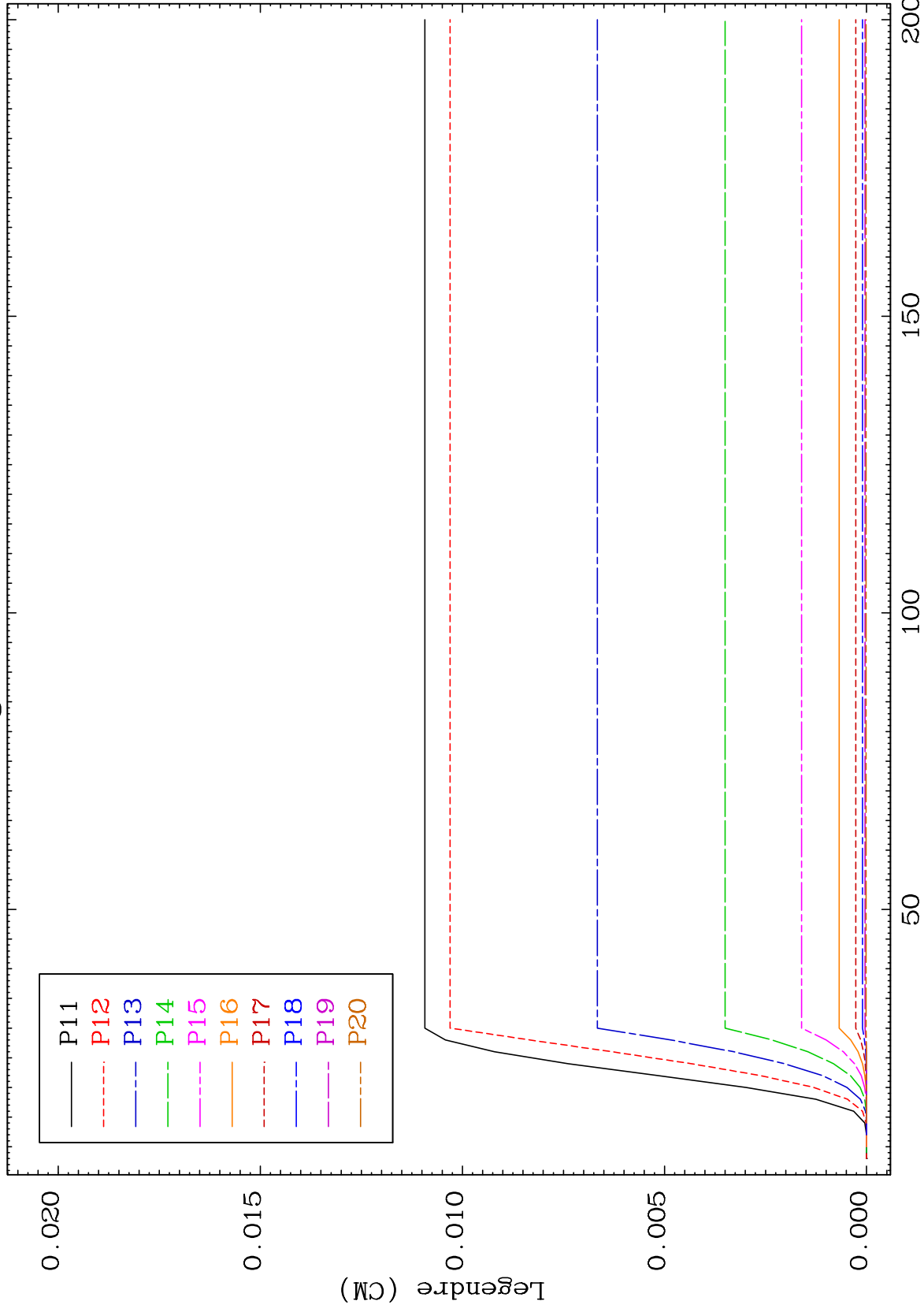
14-Si-33



MAT 1440

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

14-Si-33



46

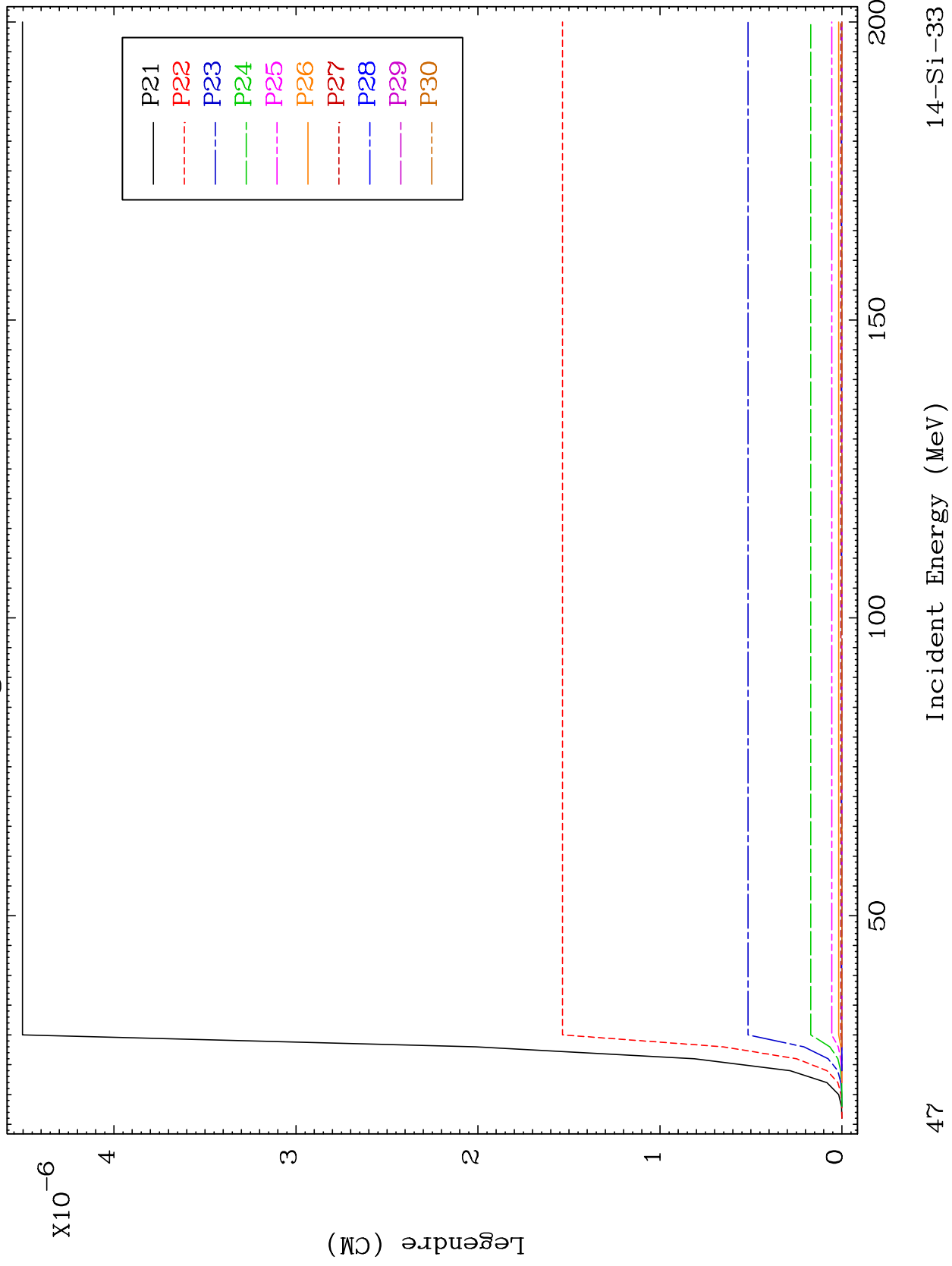
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



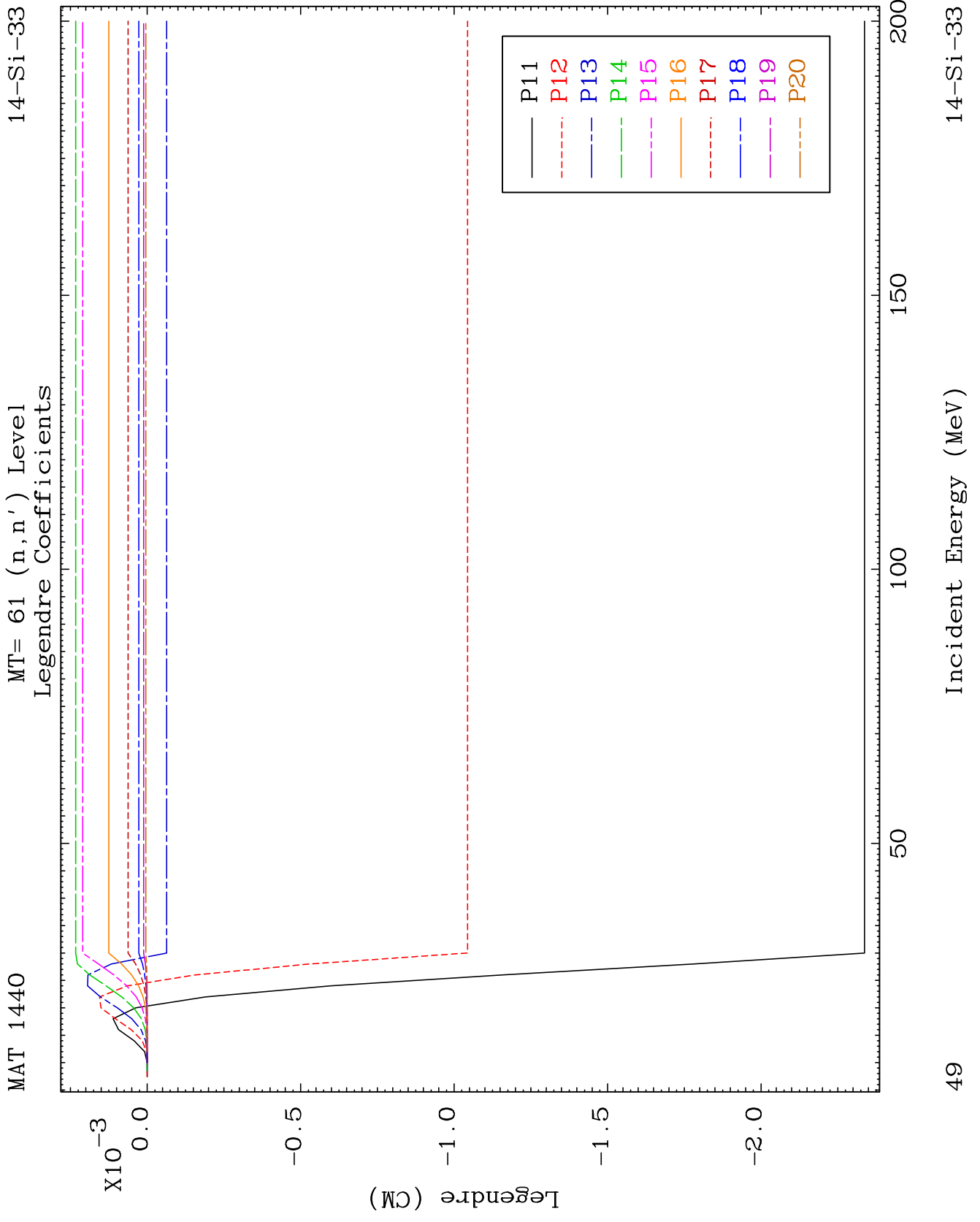
47

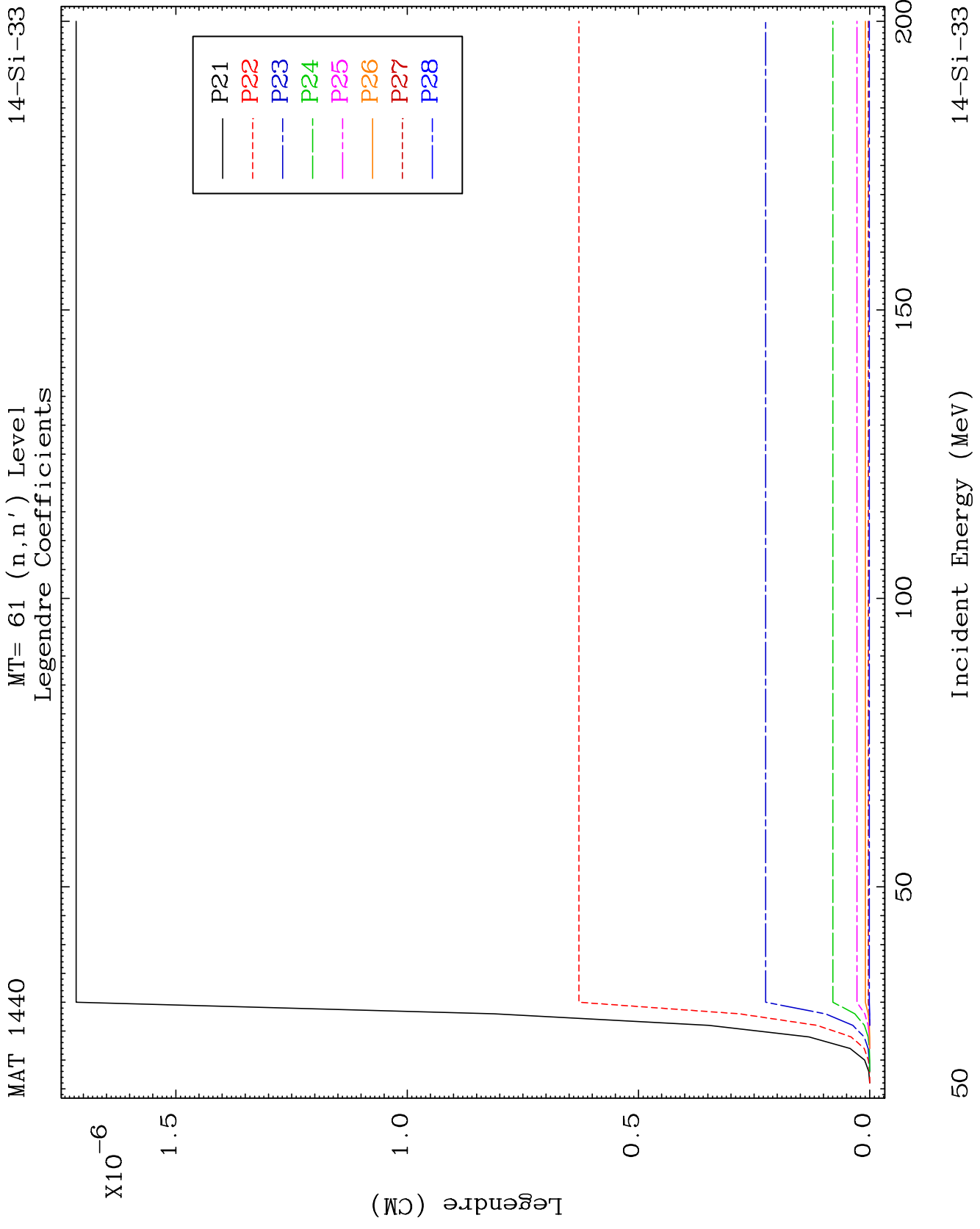
Incident Energy (MeV)

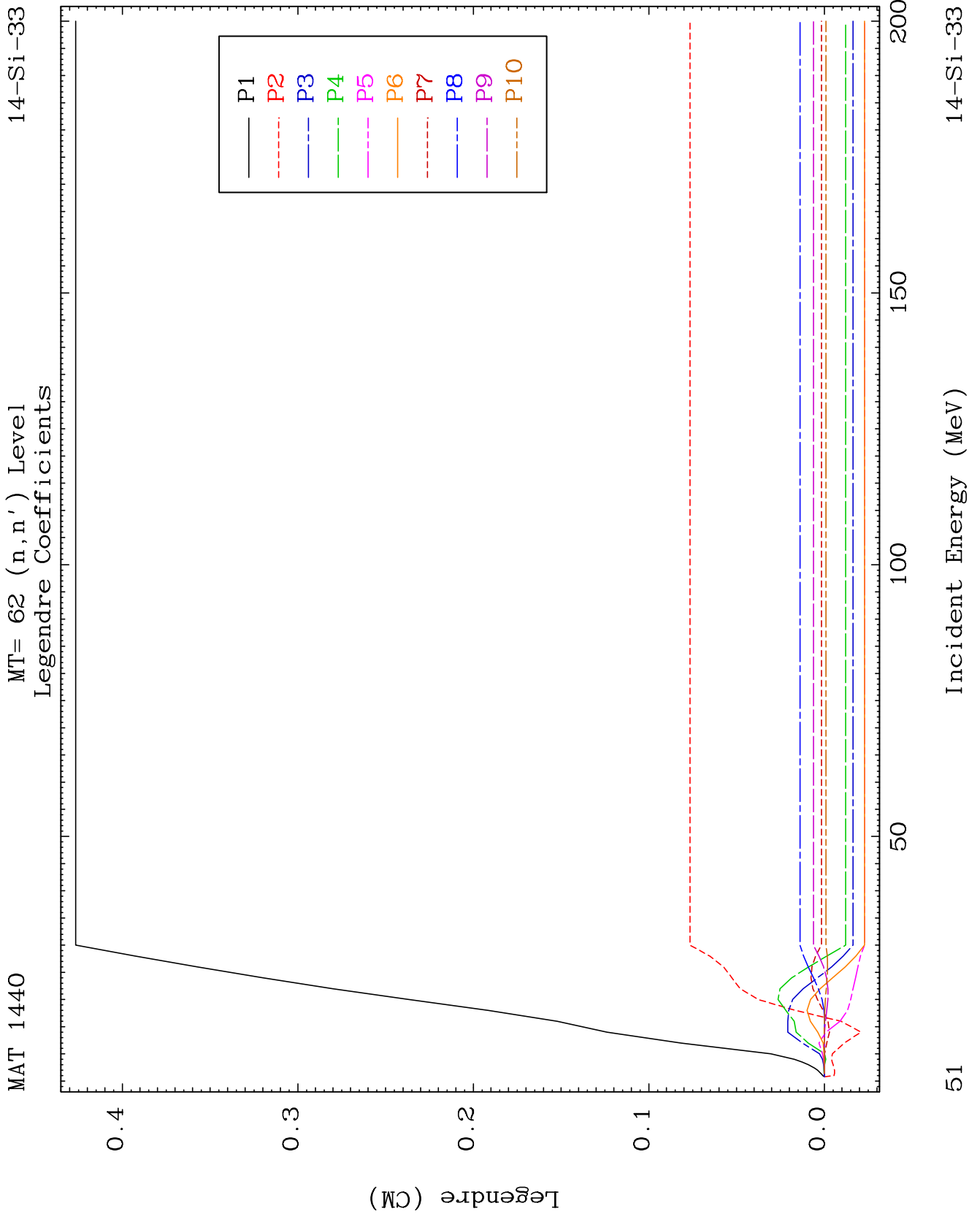
14-Si-33

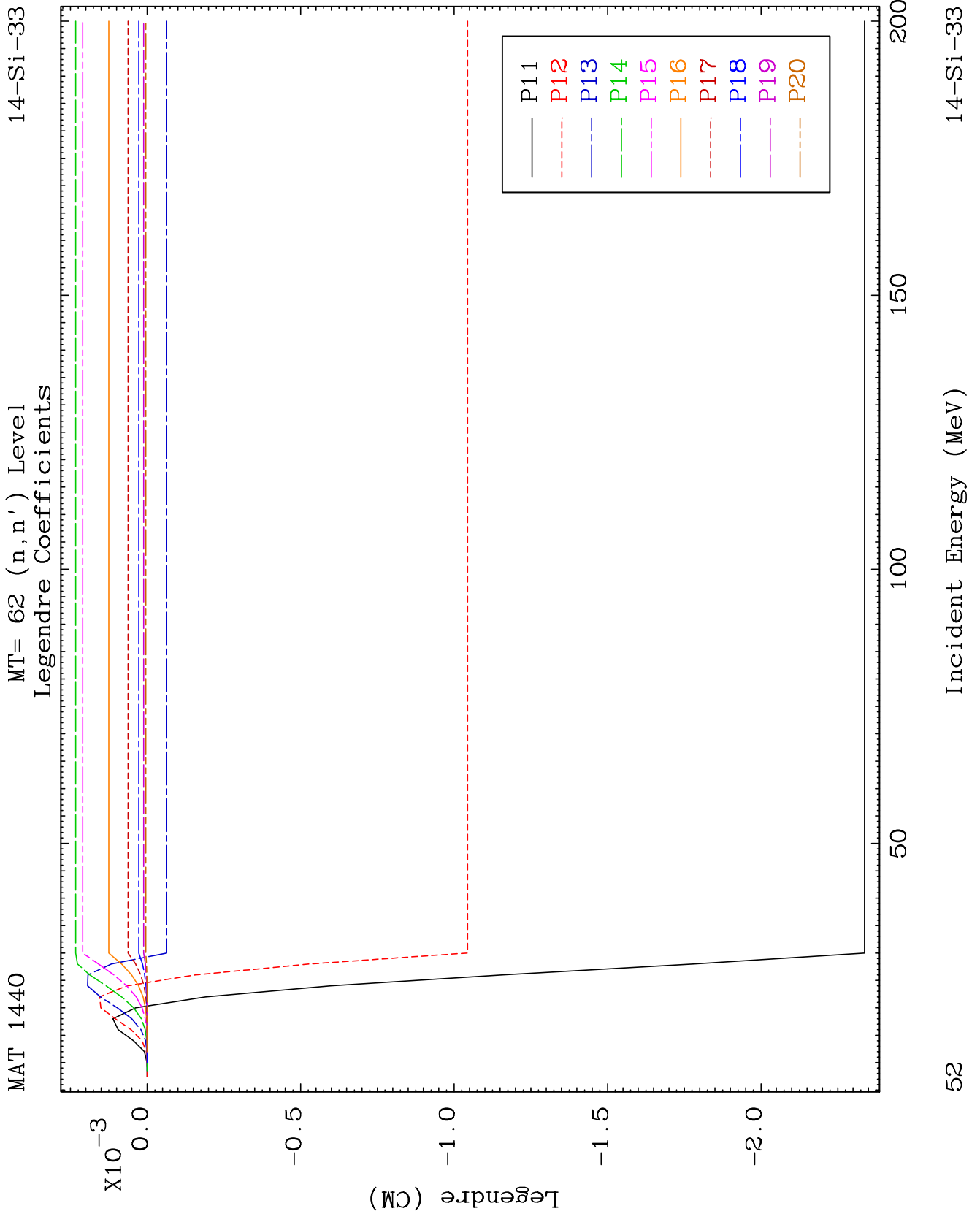








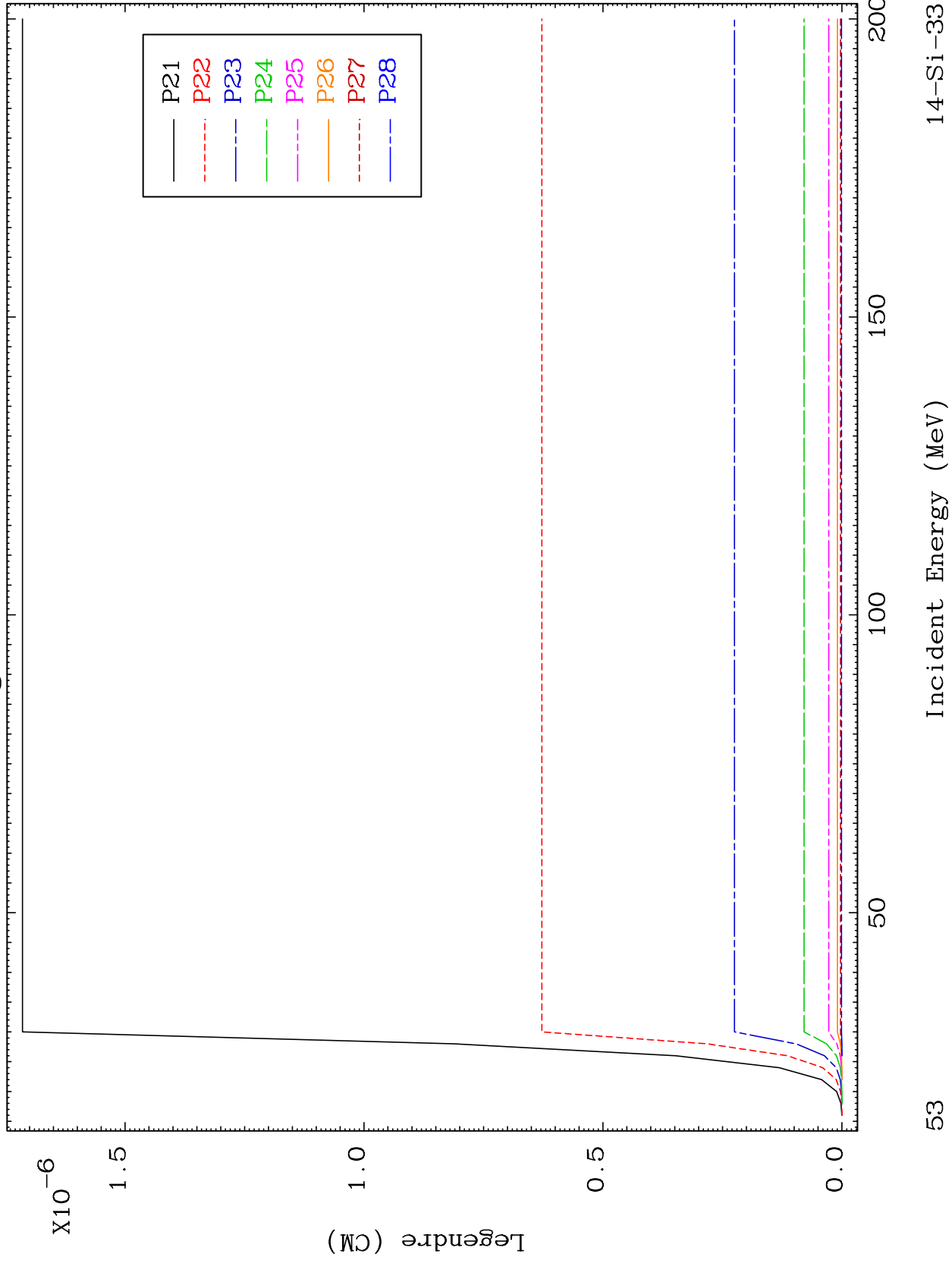




MAT 1440

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

14-Si-33



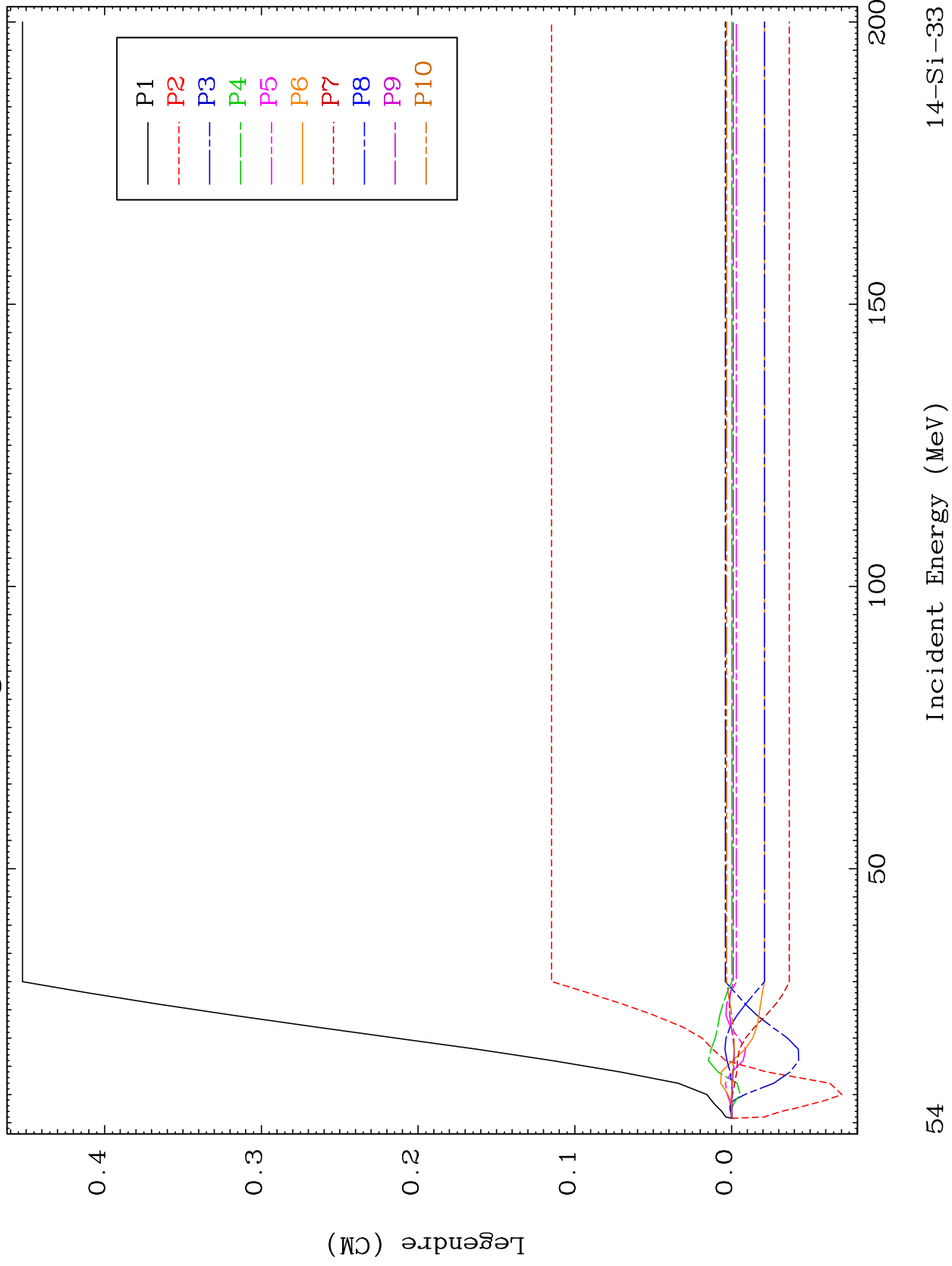
53

14-Si-33

MAT 1440

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

14-Si-33



14-Si-33

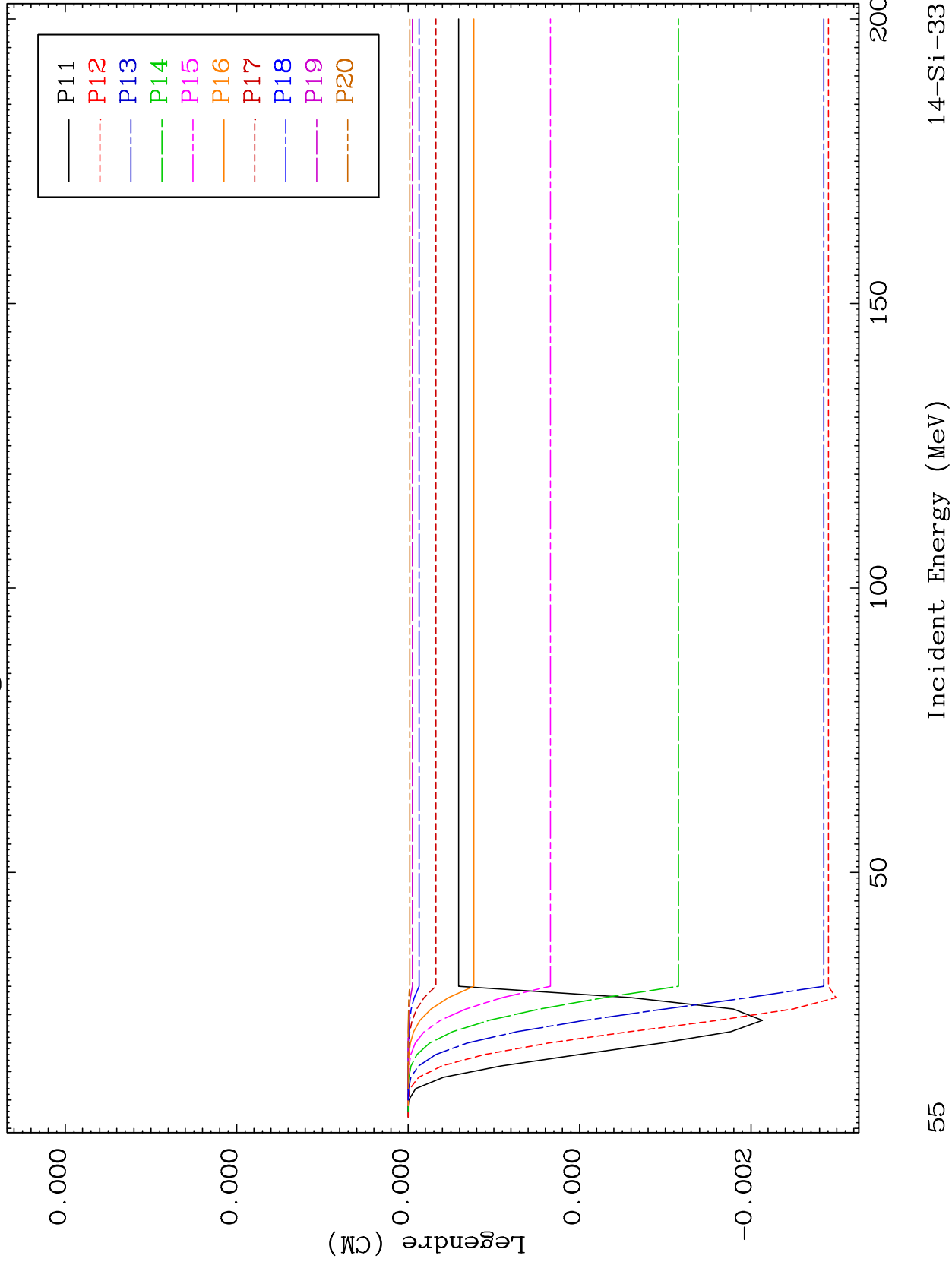
Incident Energy (MeV)

54

MAT 1440

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

14-Si-33

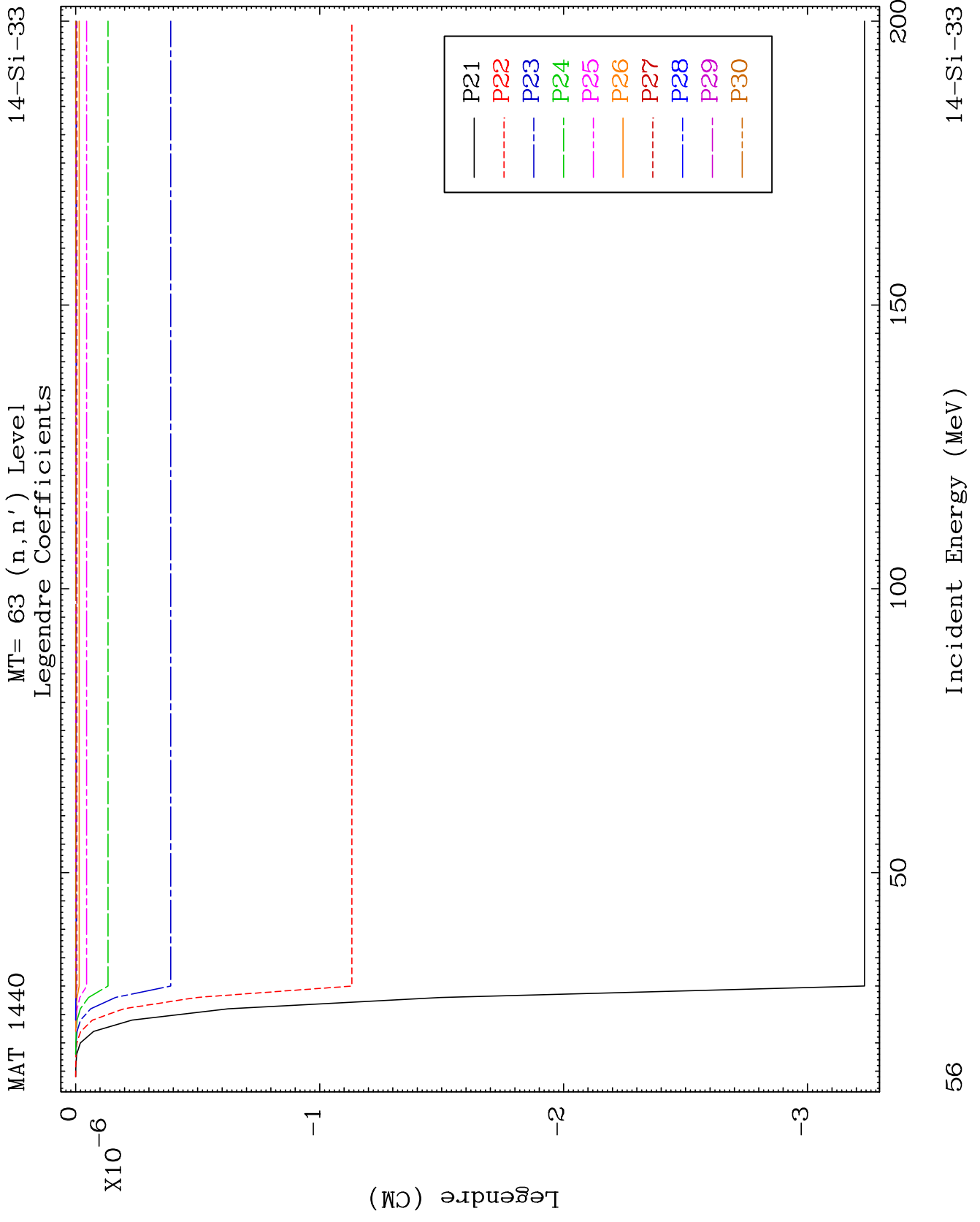


55

Incident Energy (MeV)

14-Si-33

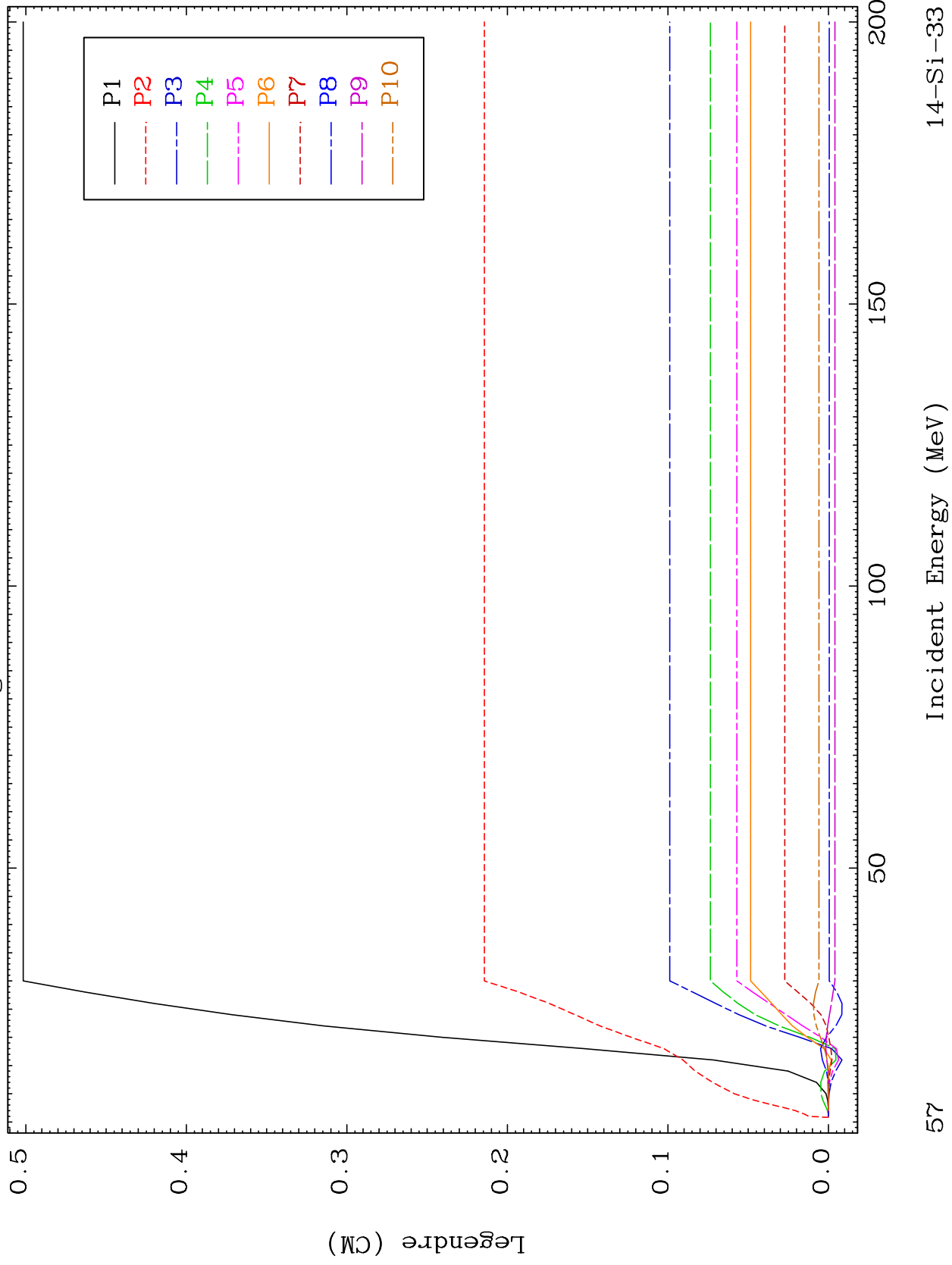




MAT 1440

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

14-Si-33



57

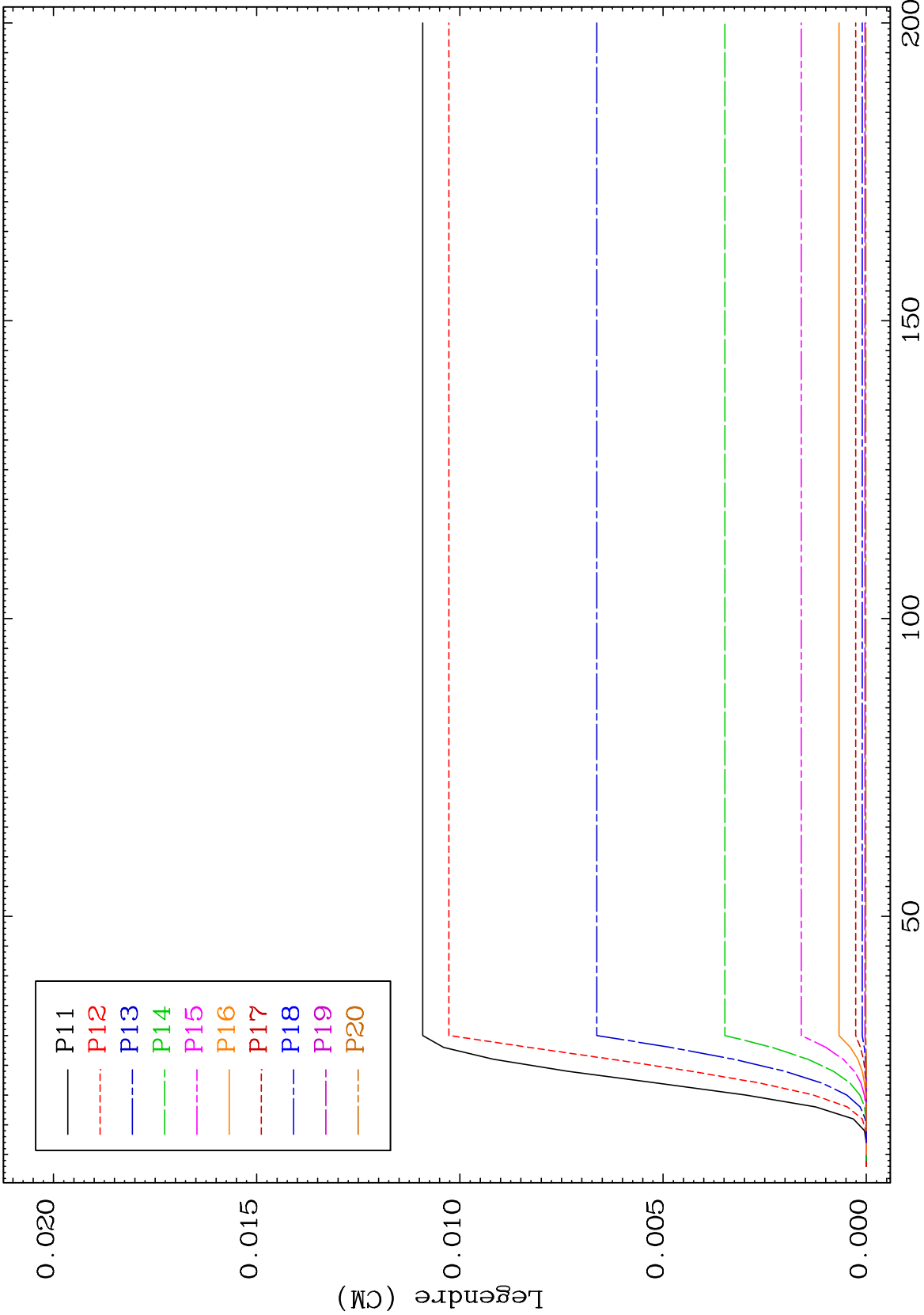
Incident Energy (MeV)

14-Si-33

MAT 1440

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

14-Si-33



58

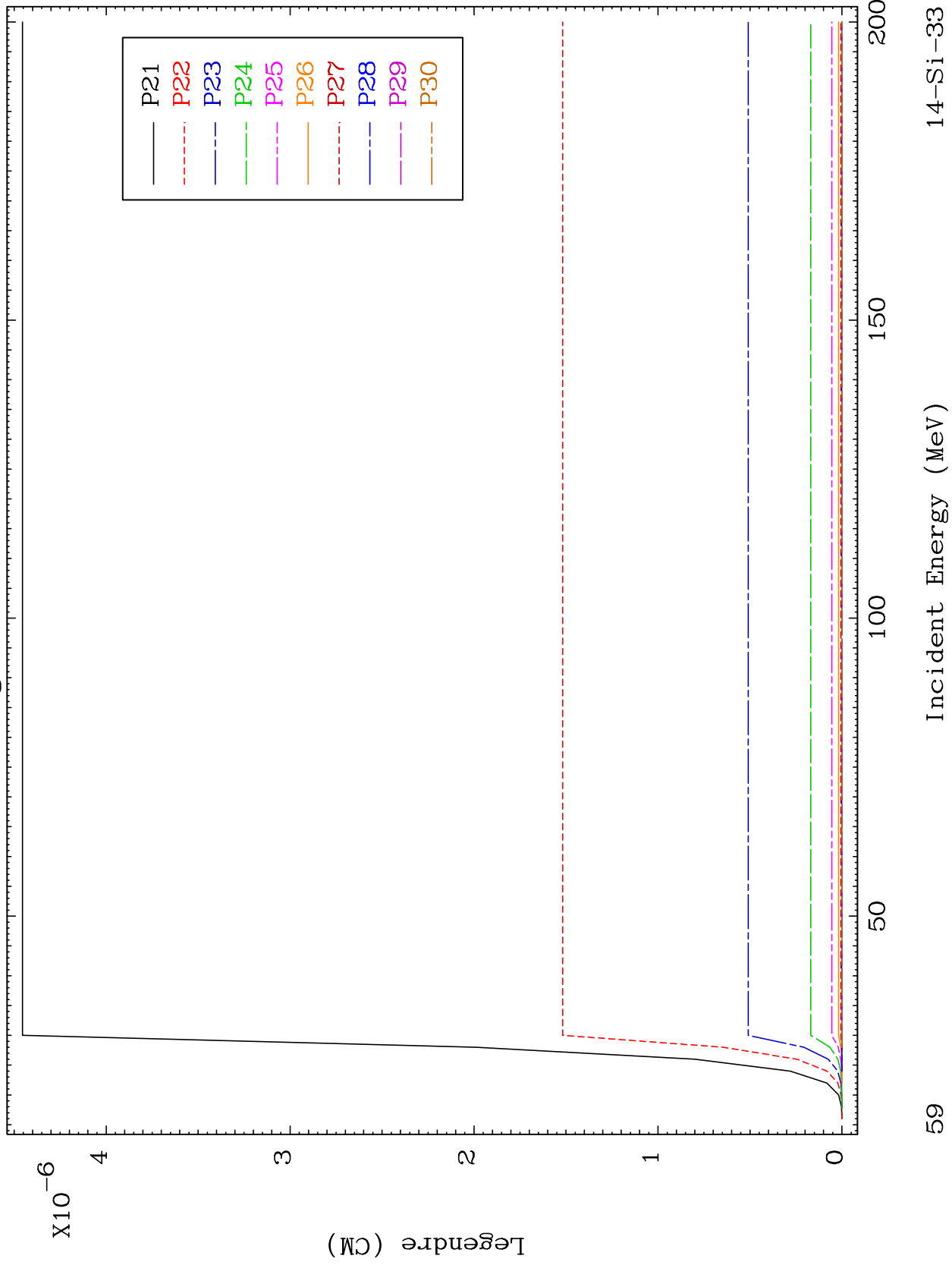
Incident Energy (MeV)

14-Si-33

MAT 1440

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

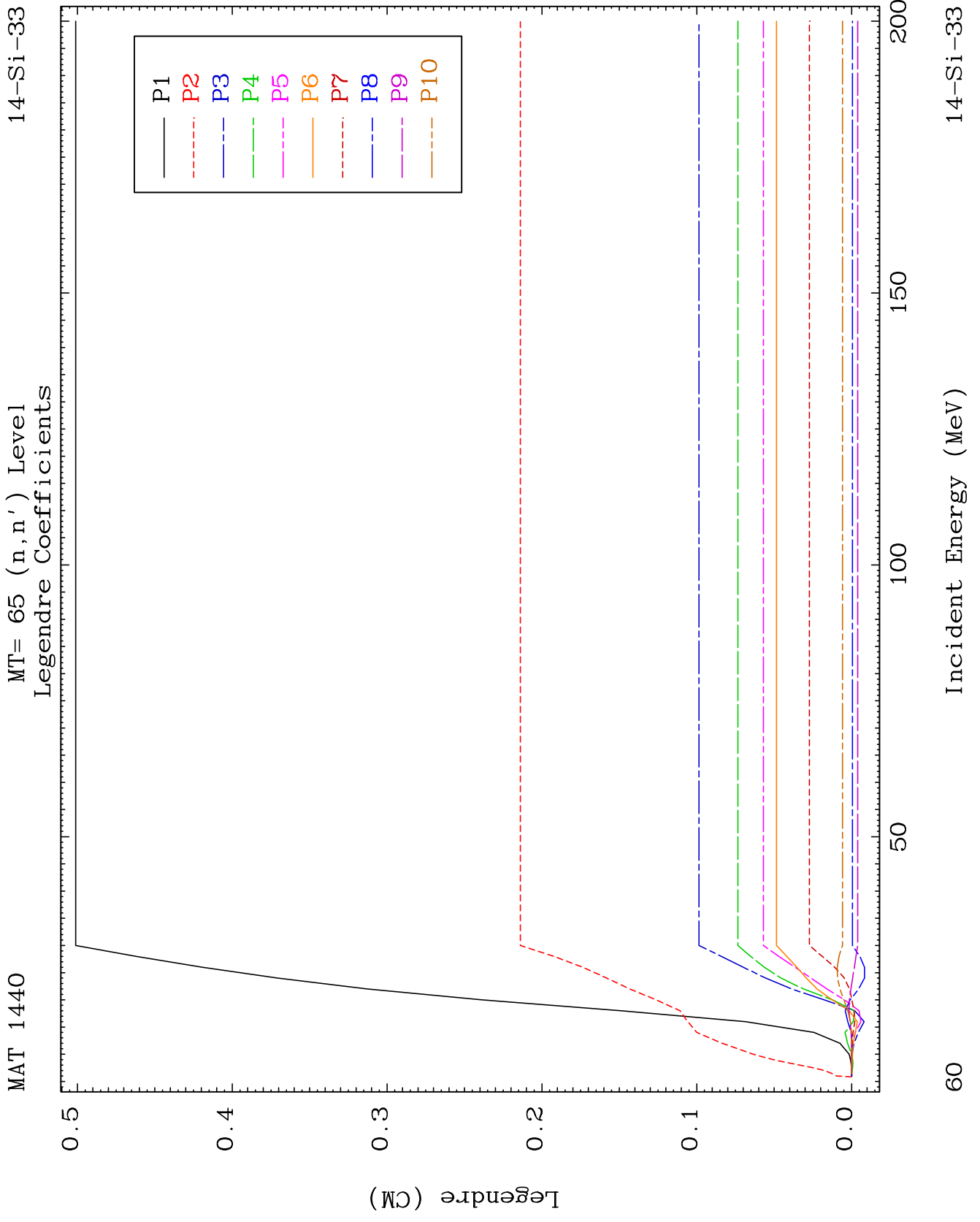
14-Si-33



59

Incident Energy (MeV)

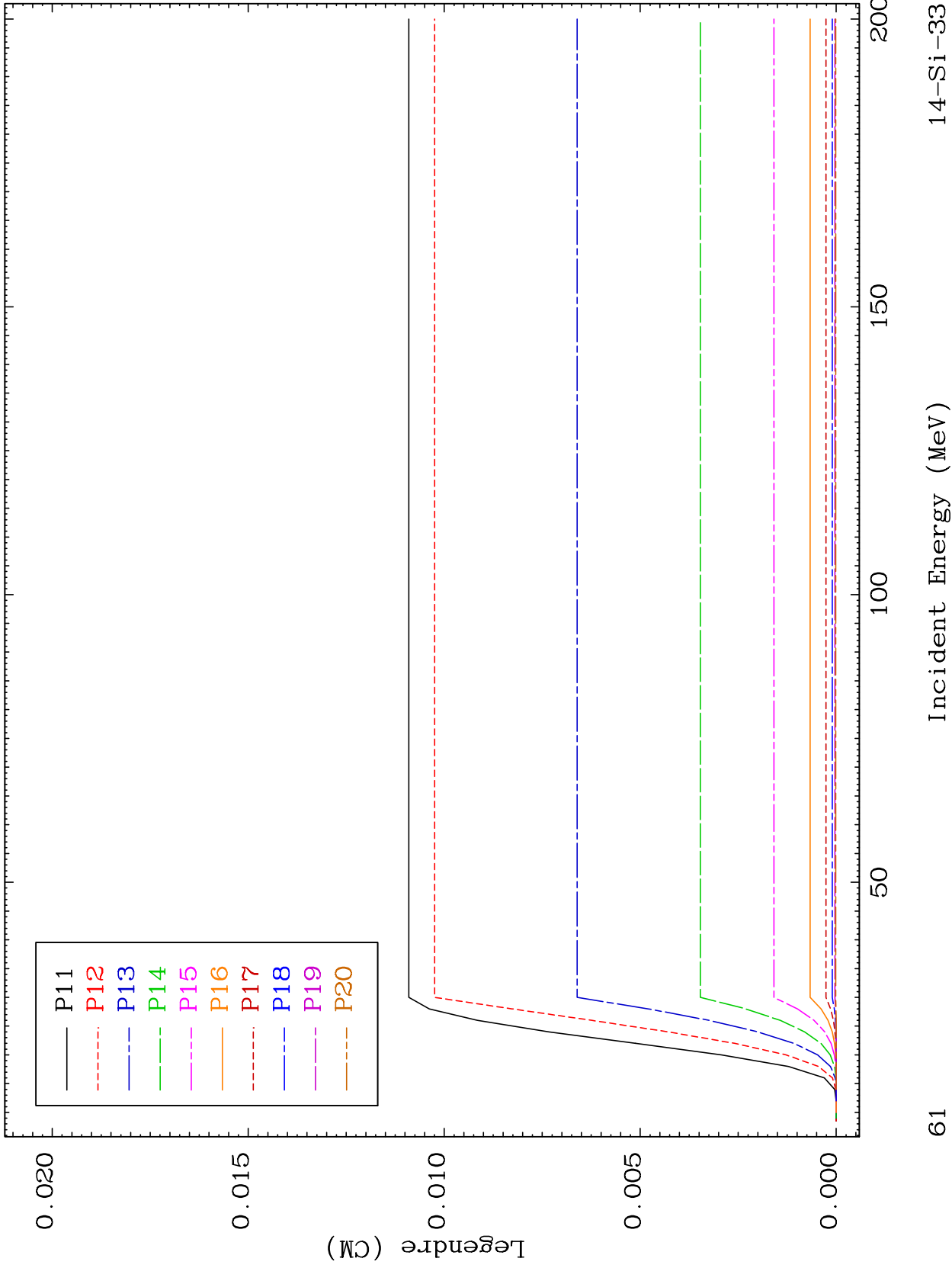
14-Si-33



MAT 1440

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

14-Si-33



61

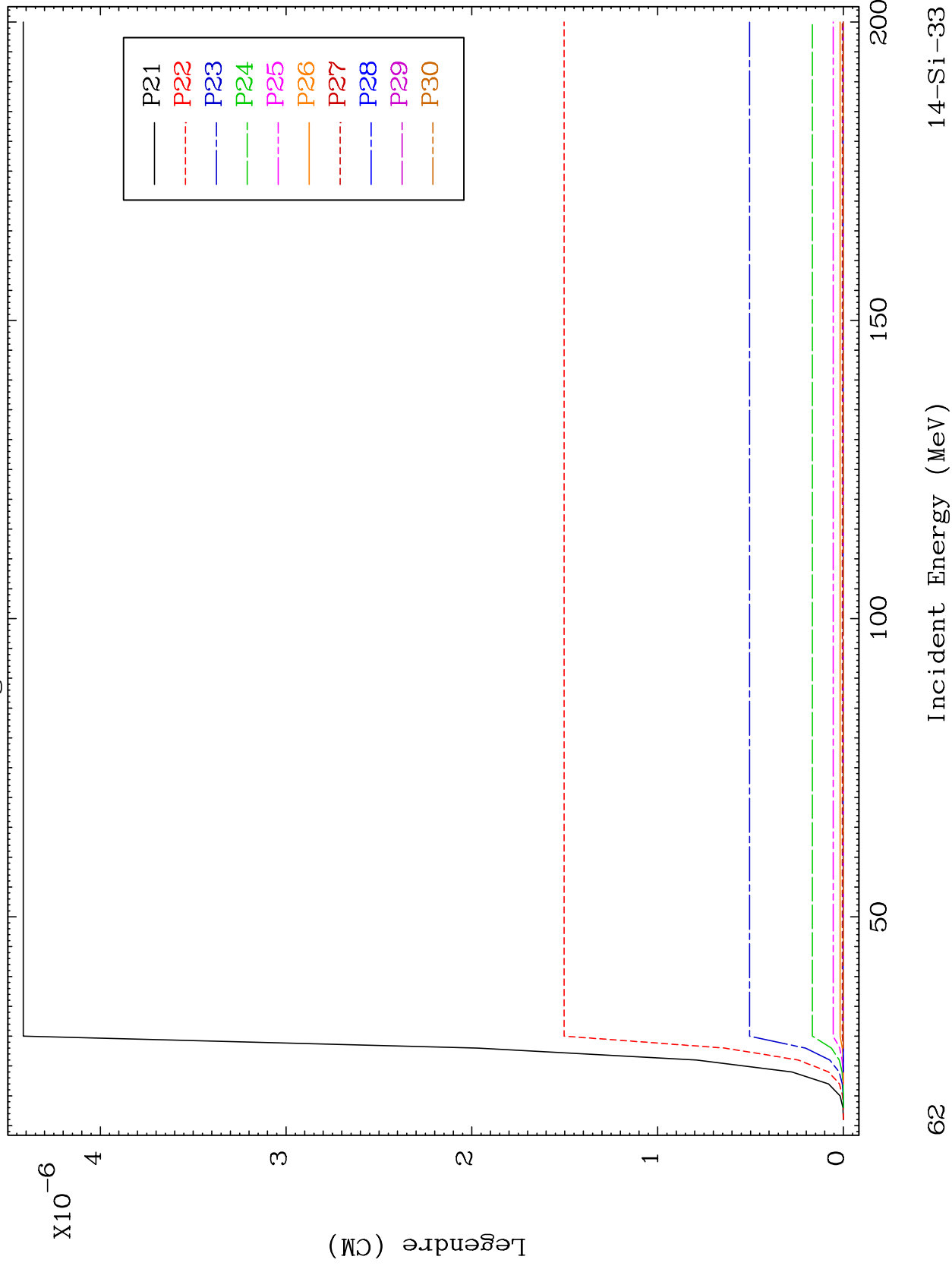
Incident Energy (MeV)

14-Si-33

MAT 1440

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

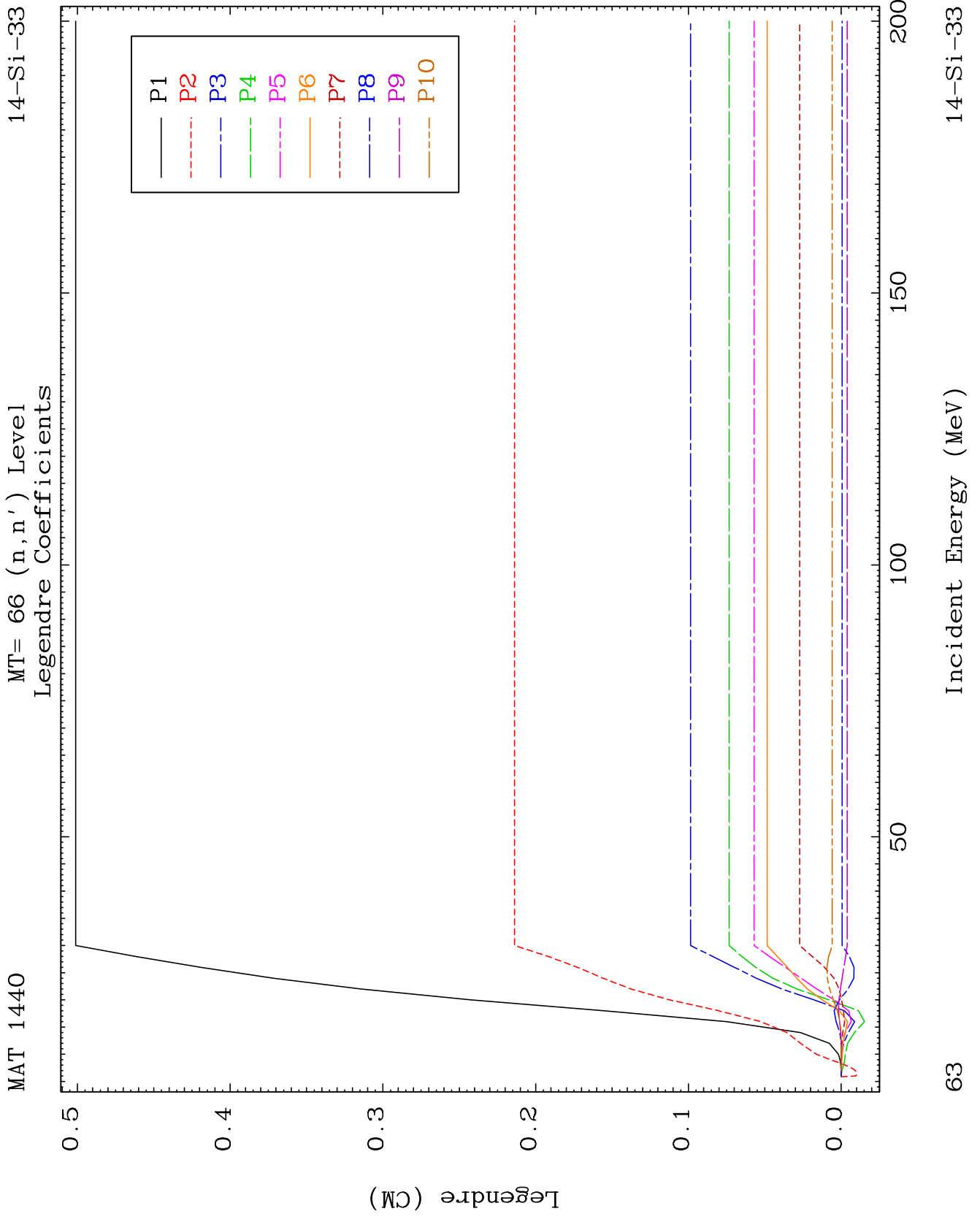
14-Si-33



62

Incident Energy (MeV)

14-Si-33

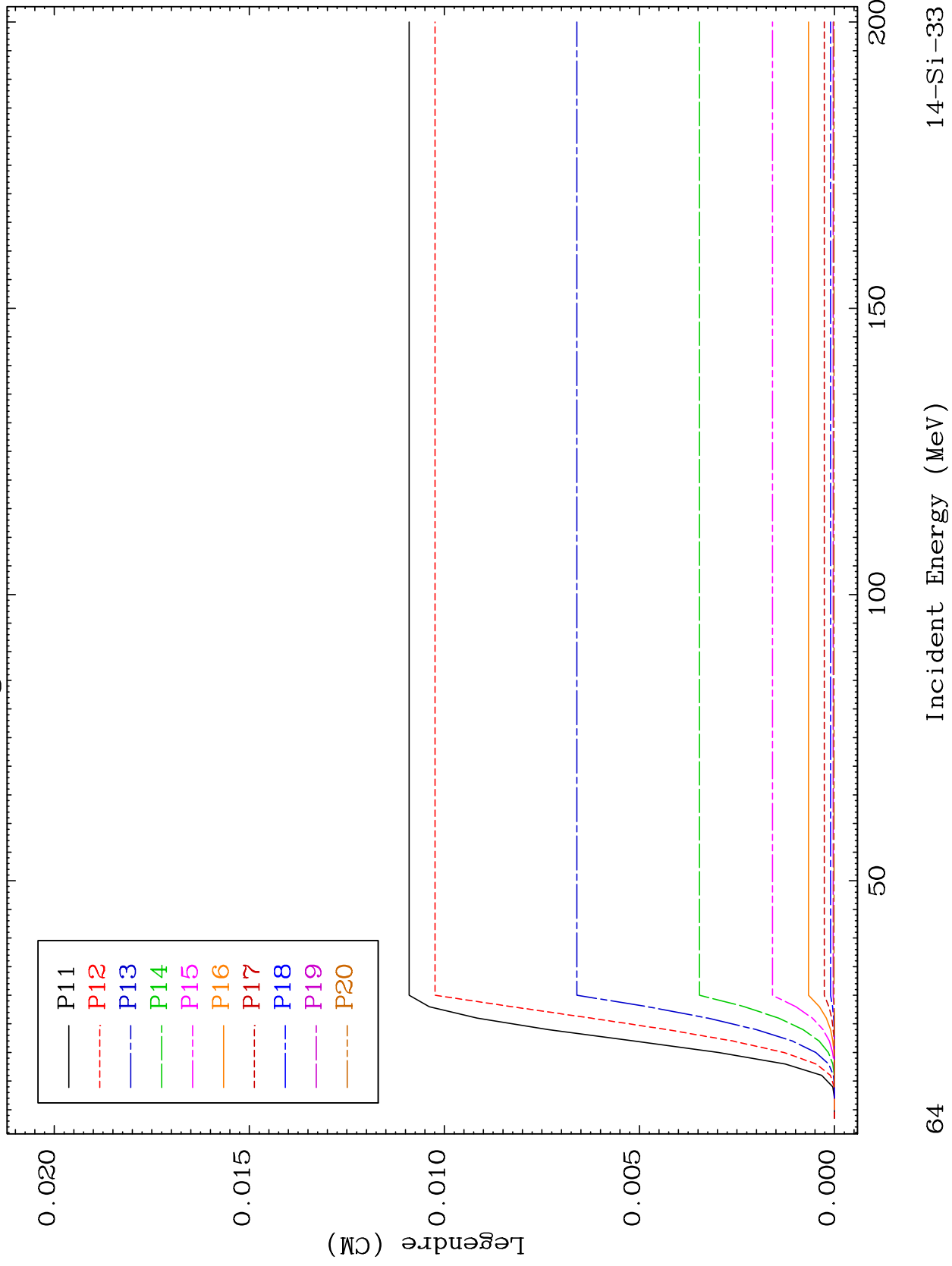




MAT 1440

MT= 66 (n,n') Level  
Legendre Coefficients

14-Si-33



64

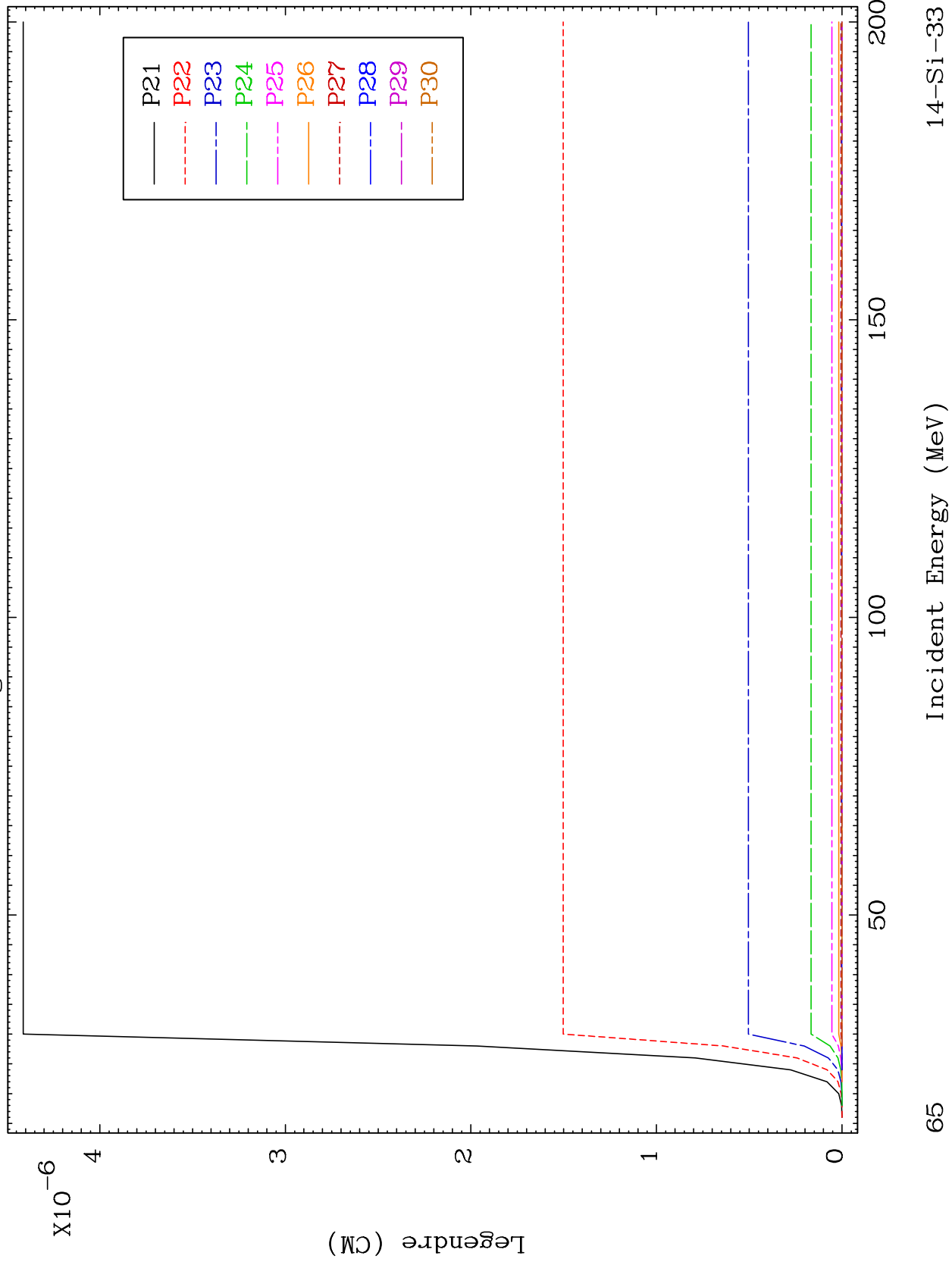
Incident Energy (MeV)

14-Si-33

MAT 1440

MT= 66 (n,n') Level  
Legendre Coefficients

14-Si-33



65

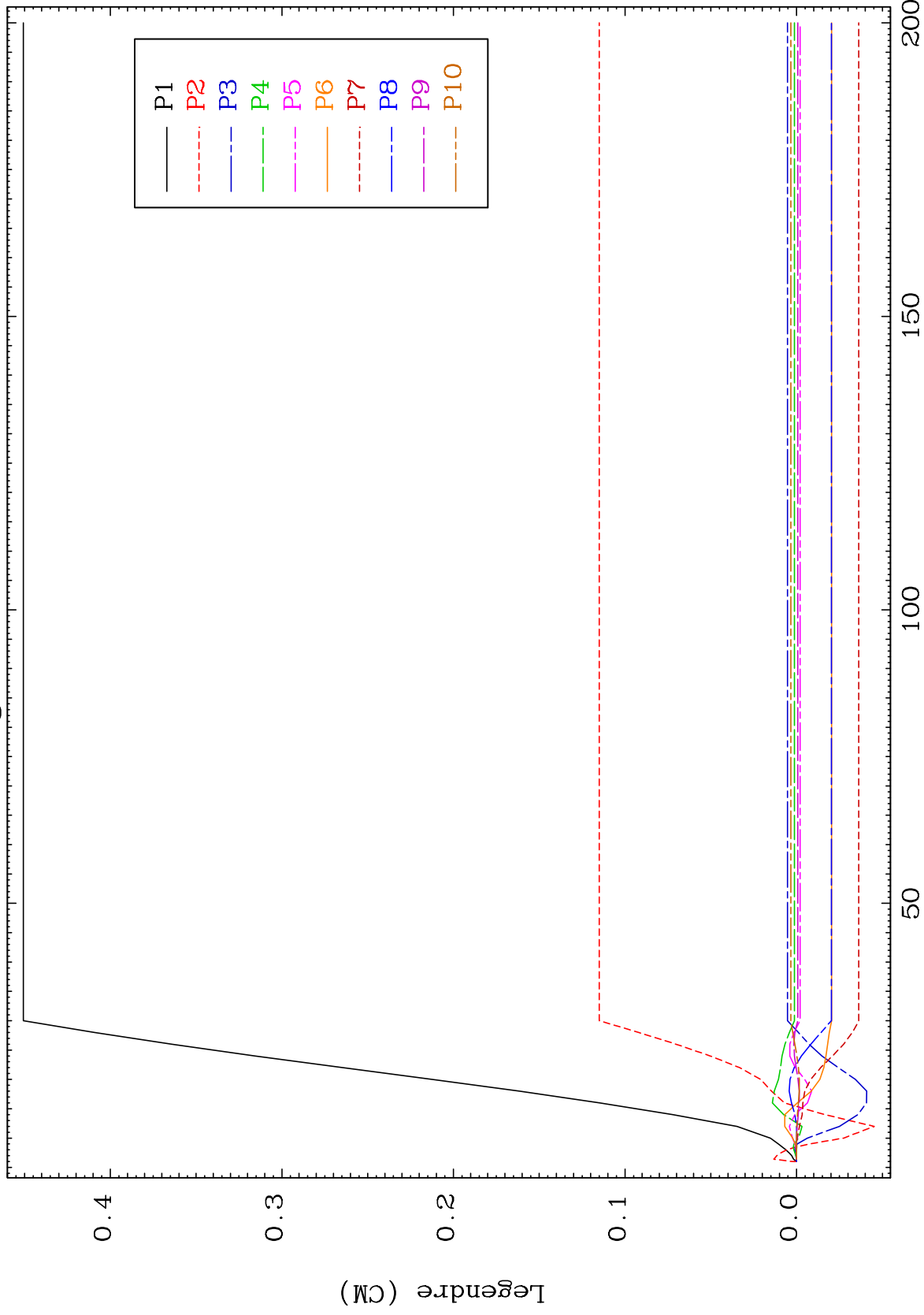
Incident Energy (MeV)

14-Si-33

MAT 1440

MT= 67 (n,n') Level  
Legendre Coefficients

14-Si-33



66

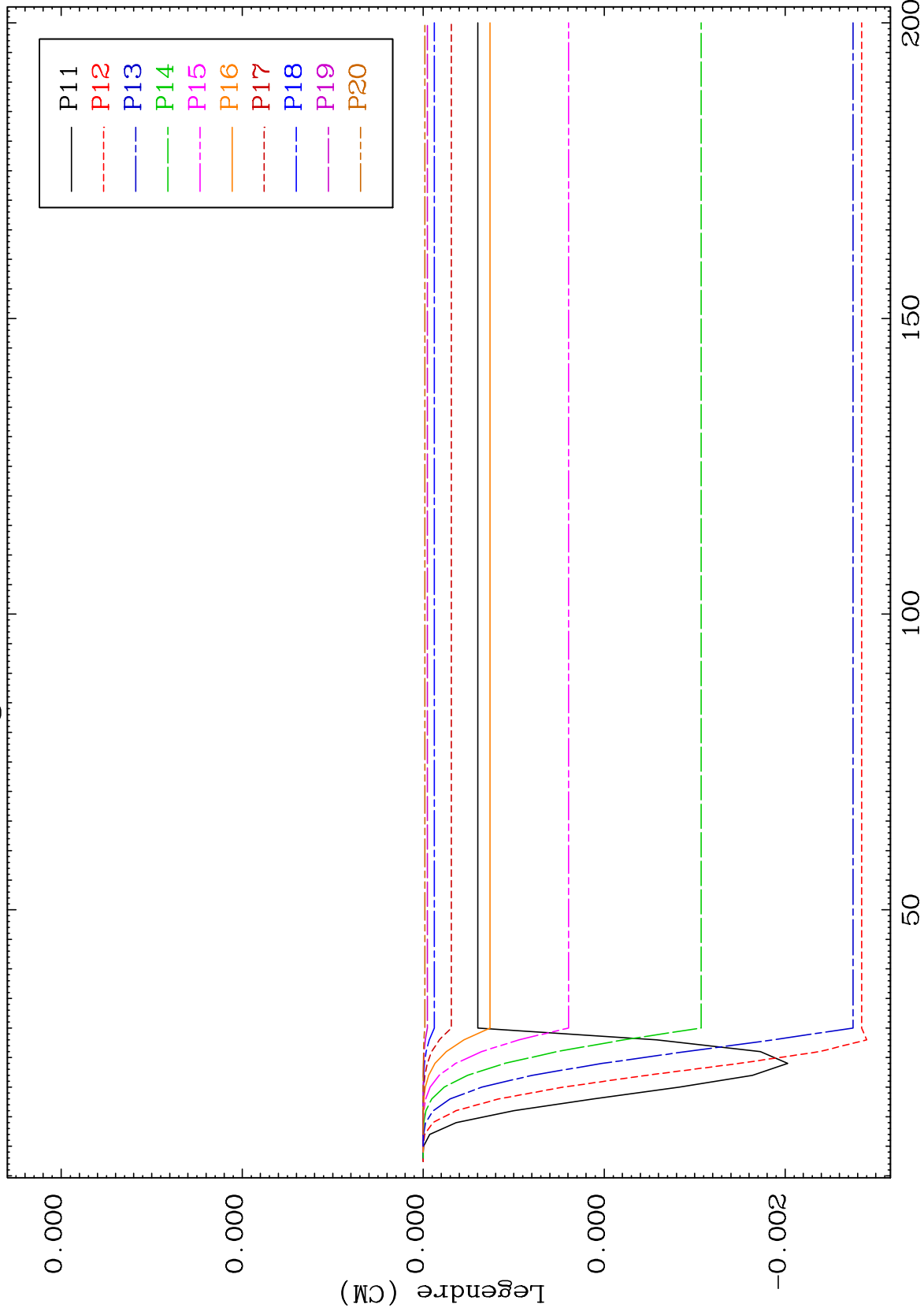
Incident Energy (MeV)

14-Si-33

MAT 1440

MT= 67 (n,n') Level  
Legendre Coefficients

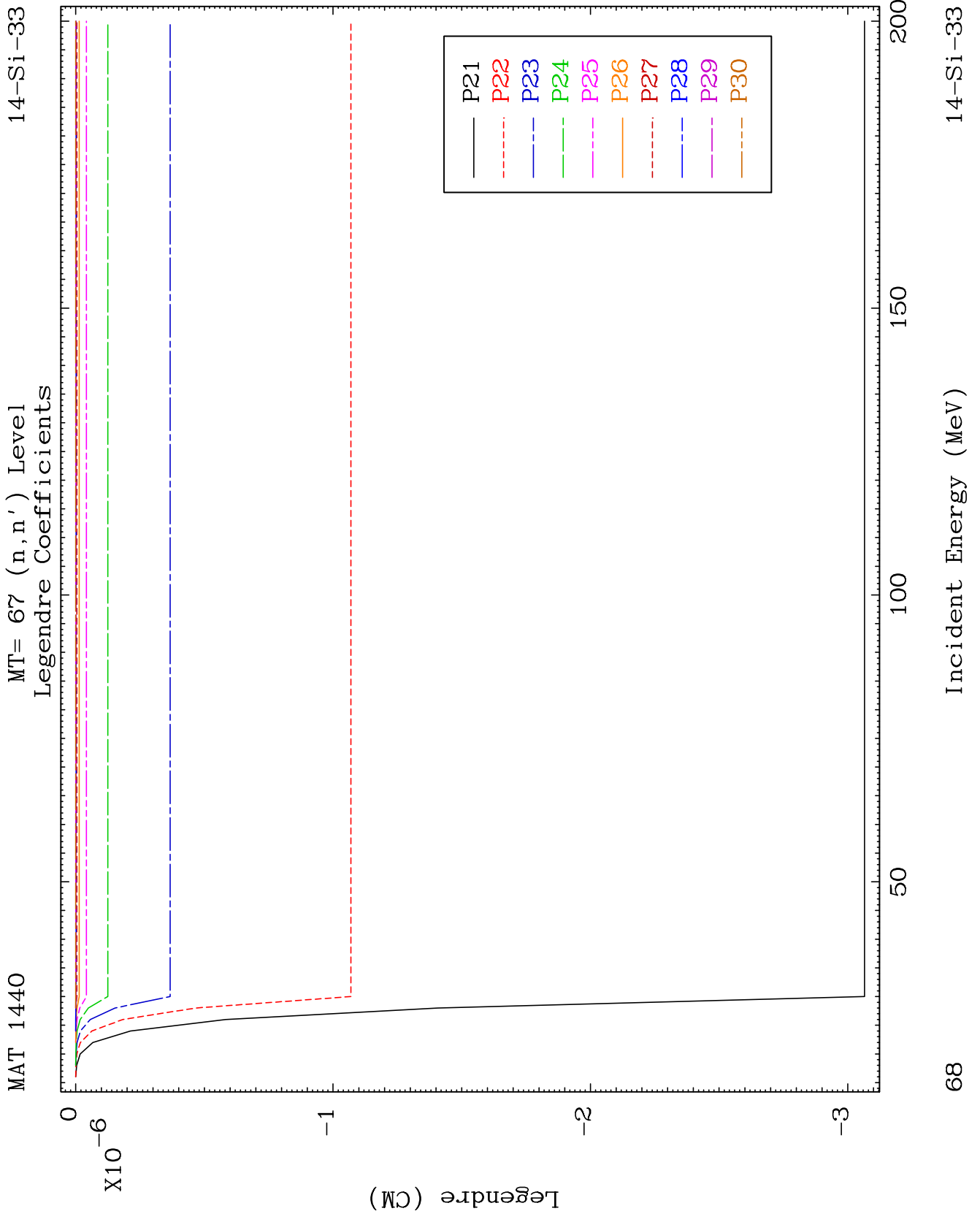
14-Si-33



67

Incident Energy (MeV)

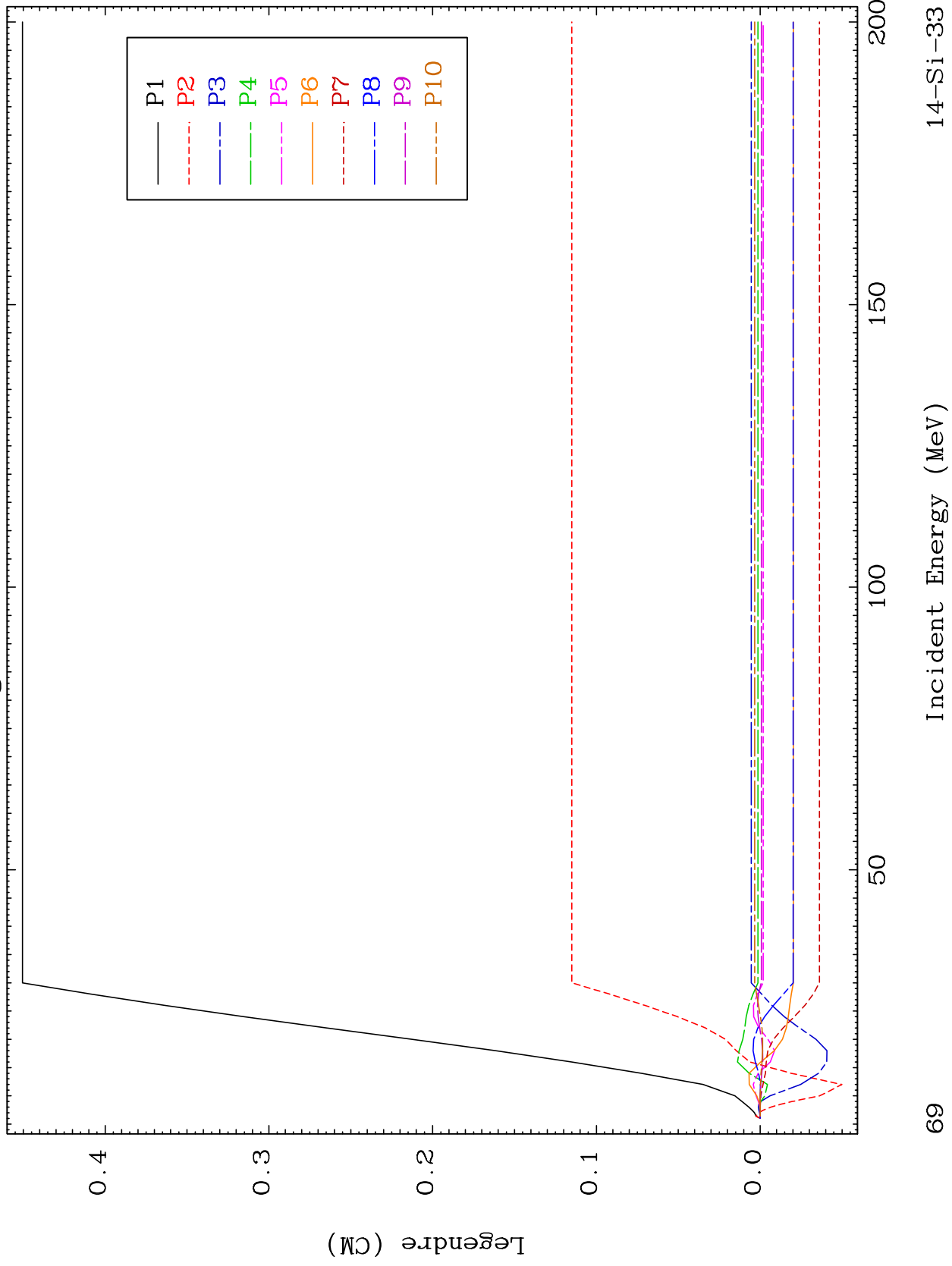
14-Si-33

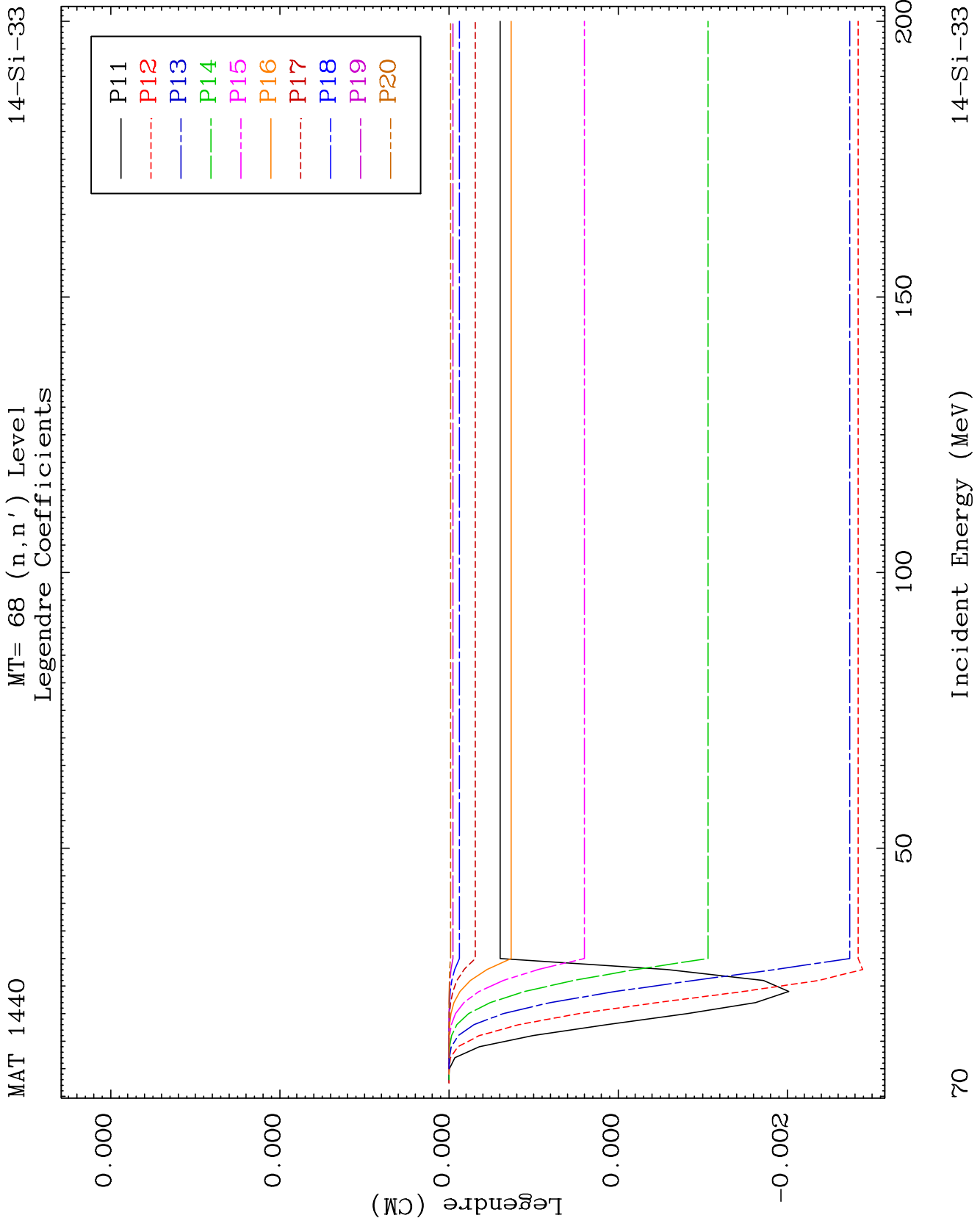


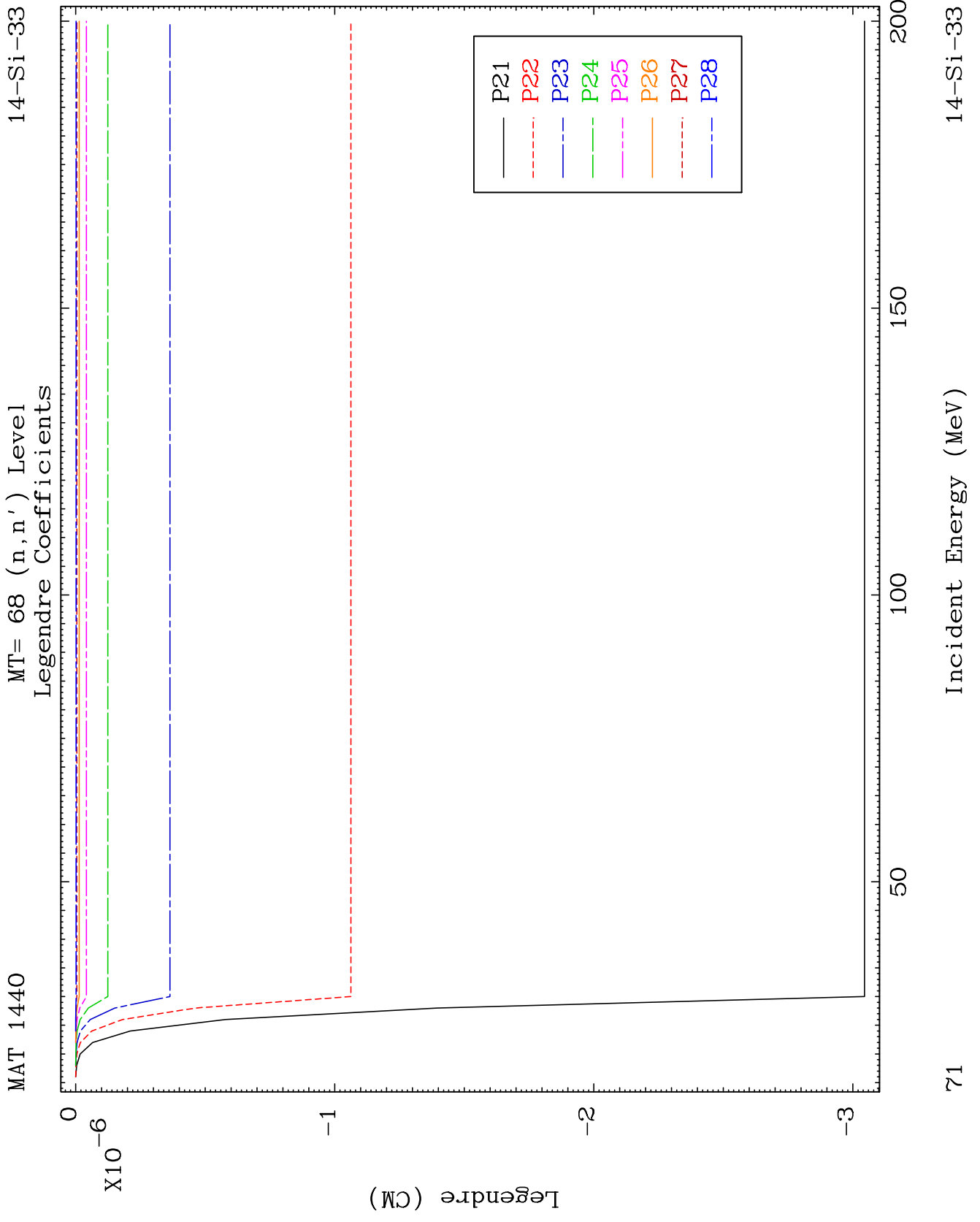
MAT 1440

MT= 68 (n,n') Level  
Legendre Coefficients

14-Si-33





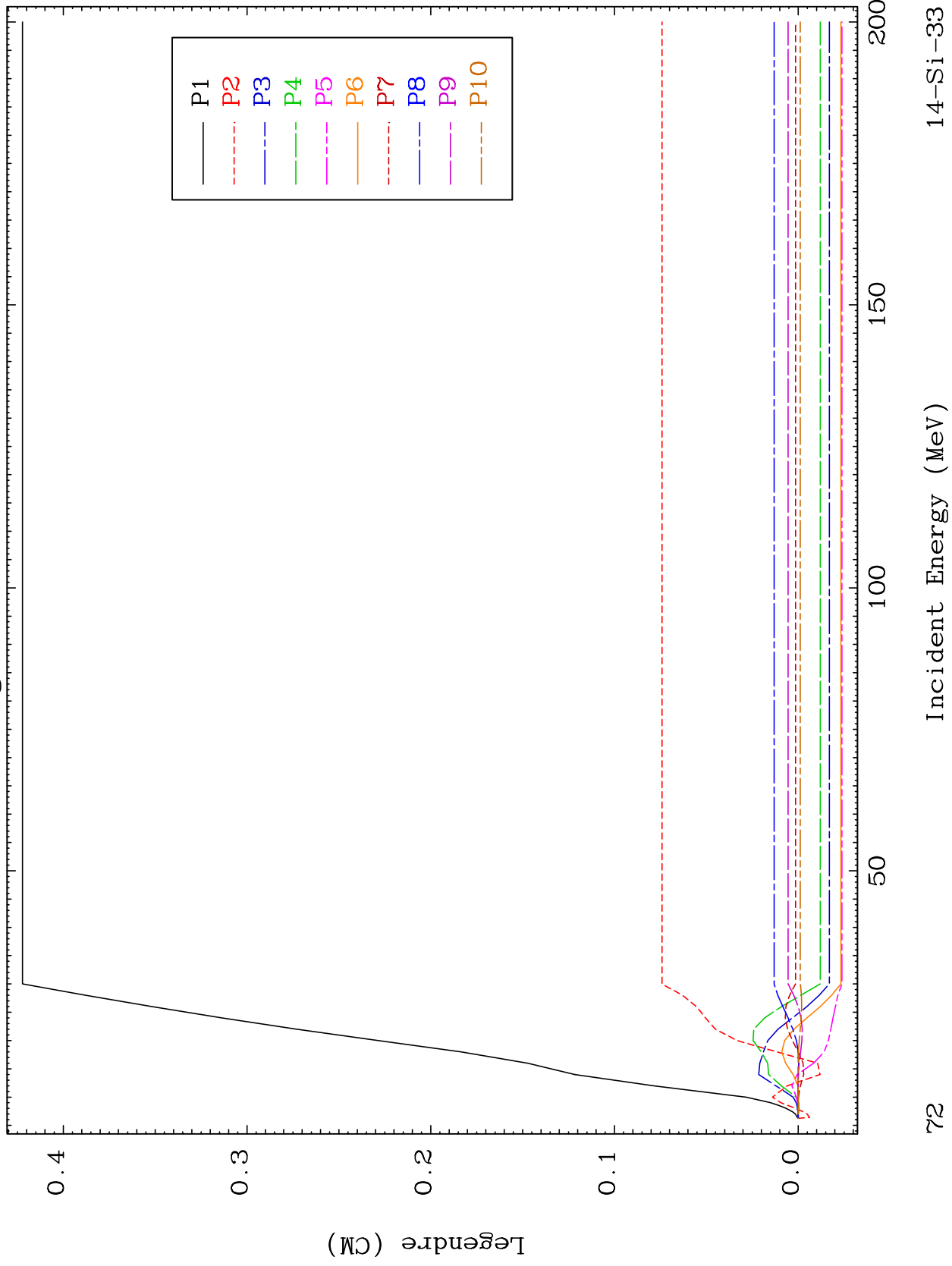




MAT 1440

MT= 69 (n,n') Level  
Legendre Coefficients

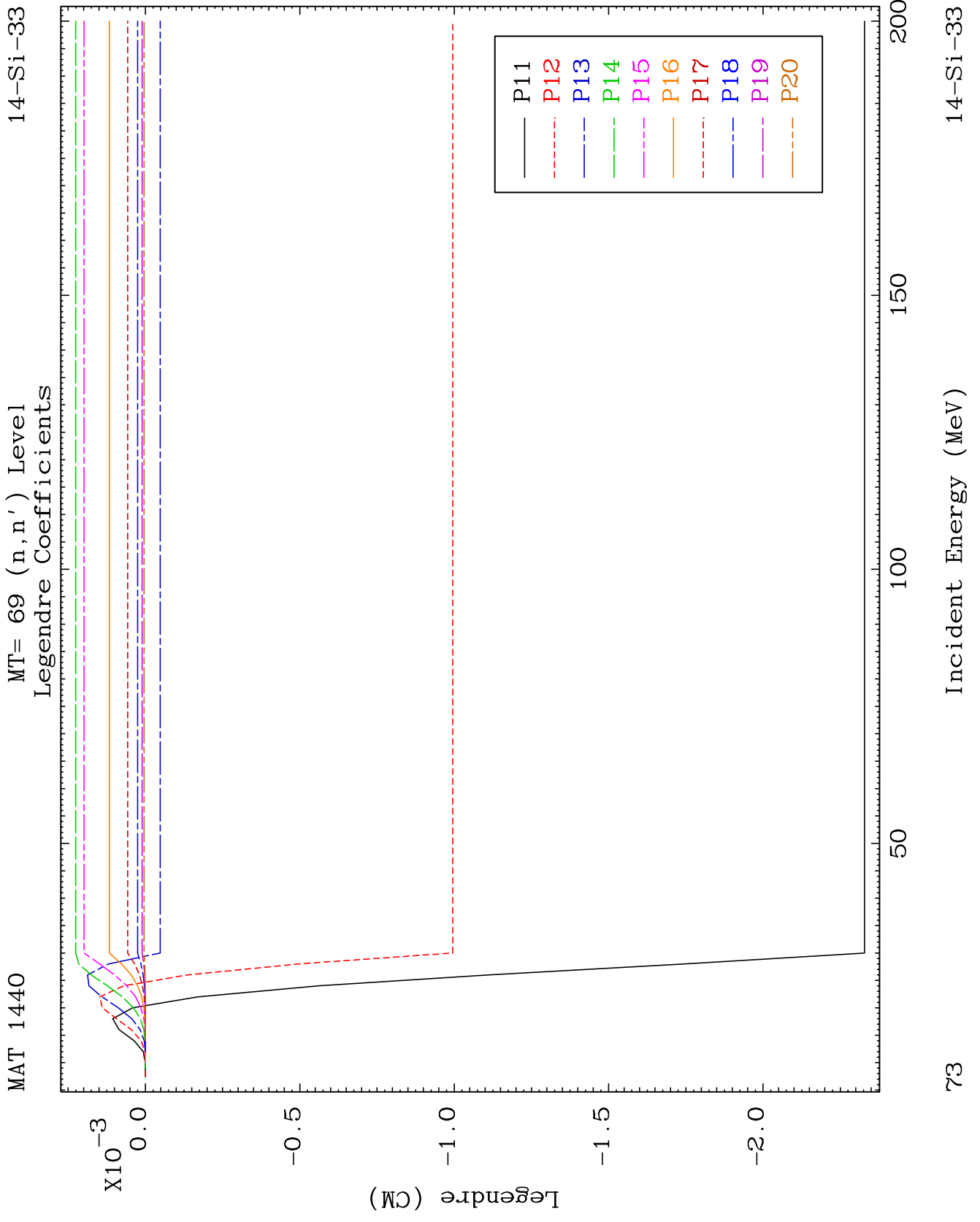
14-Si-33



72

Incident Energy (MeV)

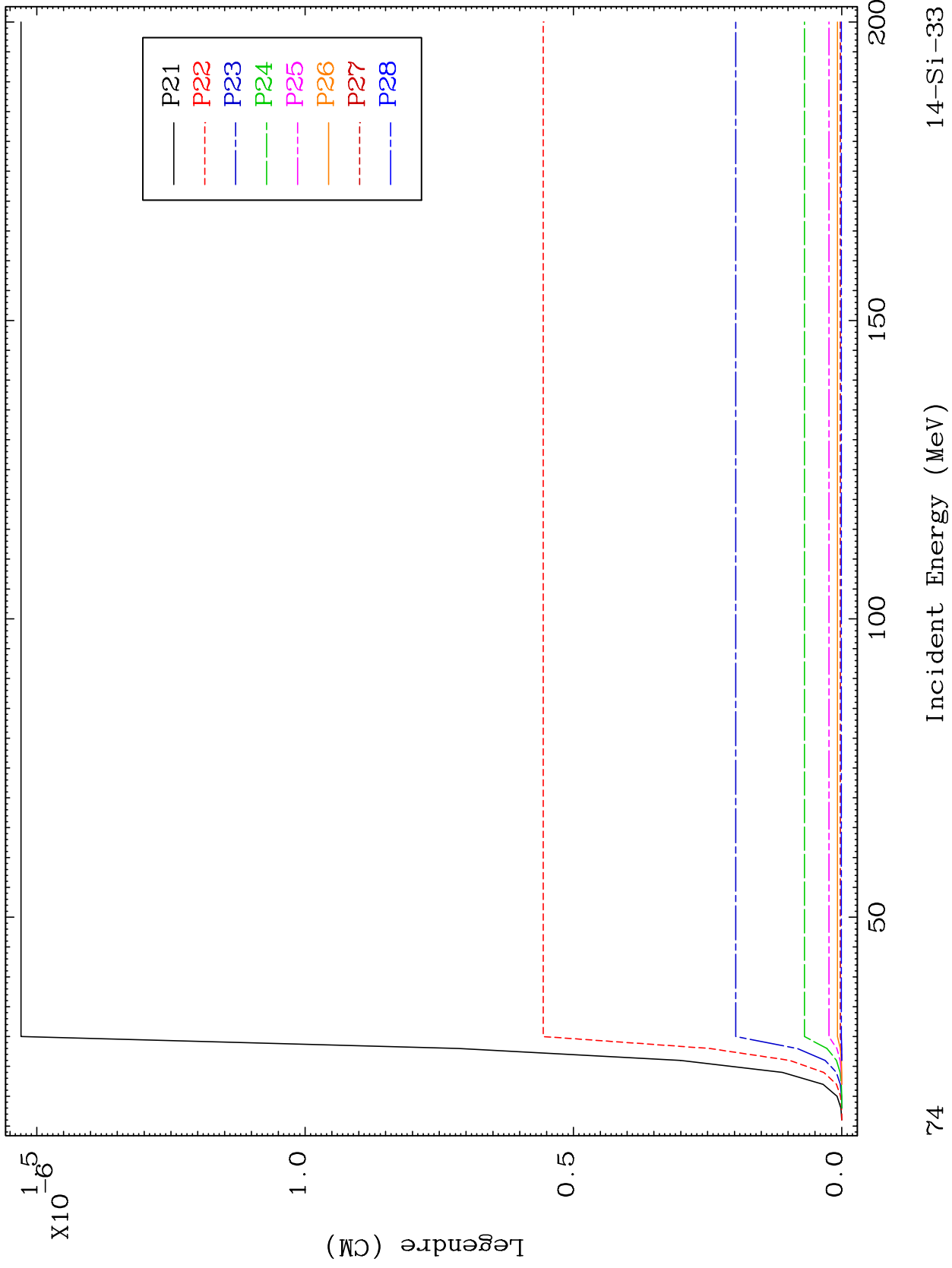
14-Si-33



MAT 1440

MT= 69 (n,n') Level  
Legendre Coefficients

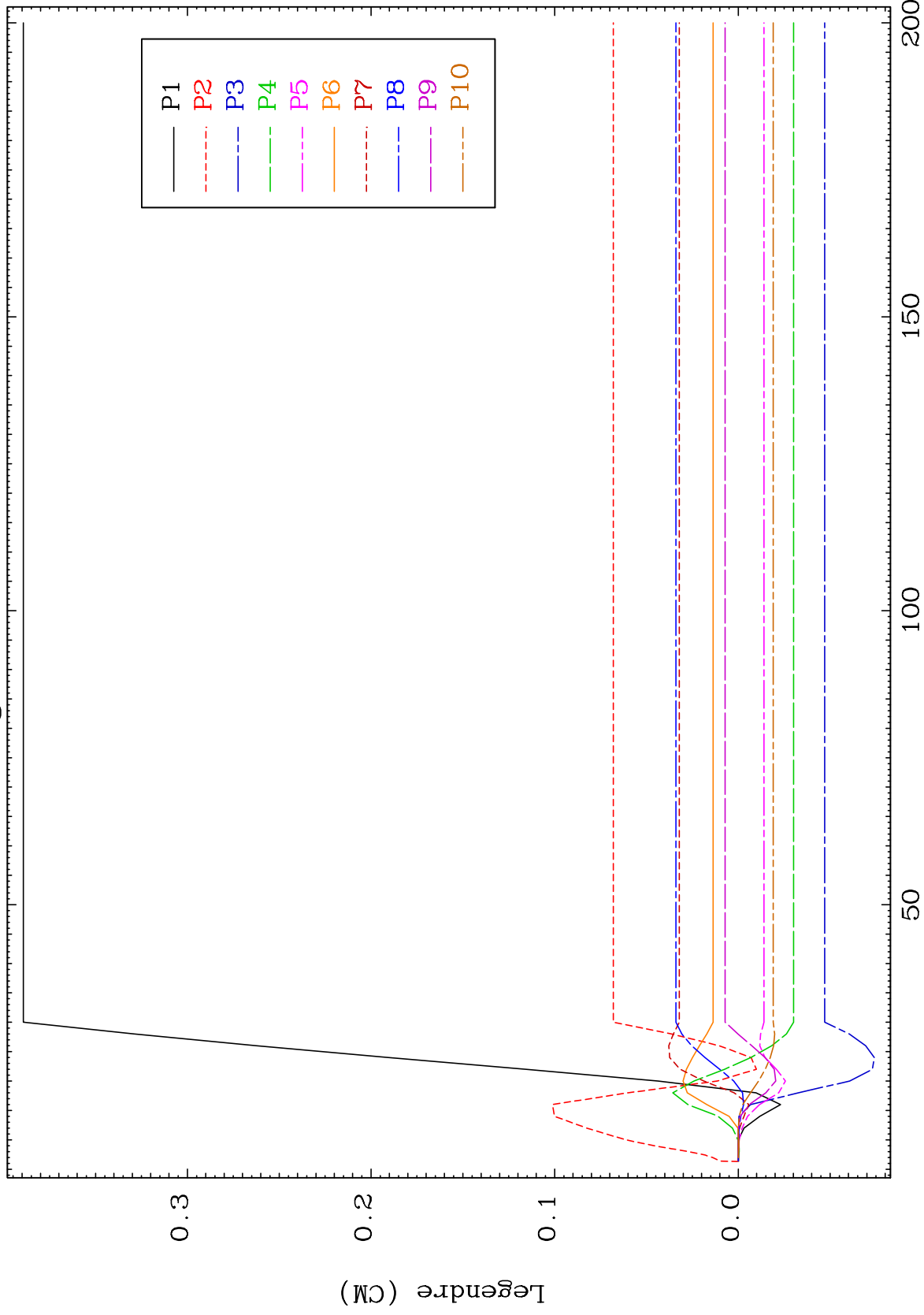
14-Si-33



MAT 1440

MT= 70 (n,n') Level  
Legendre Coefficients

14-Si-33



75

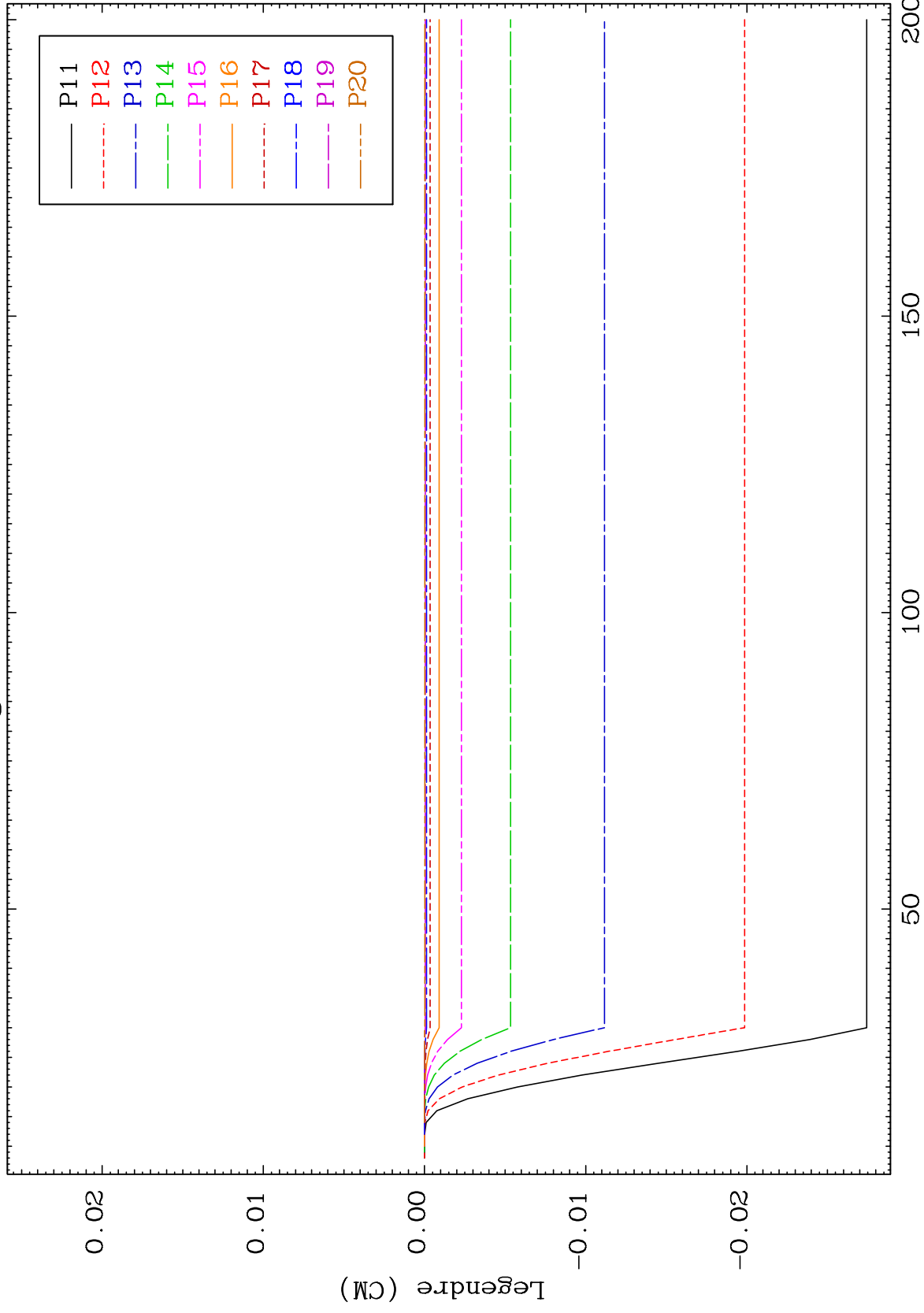
Incident Energy (MeV)

14-Si-33

MAT 1440

MT= 70 (n,n') Level  
Legendre Coefficients

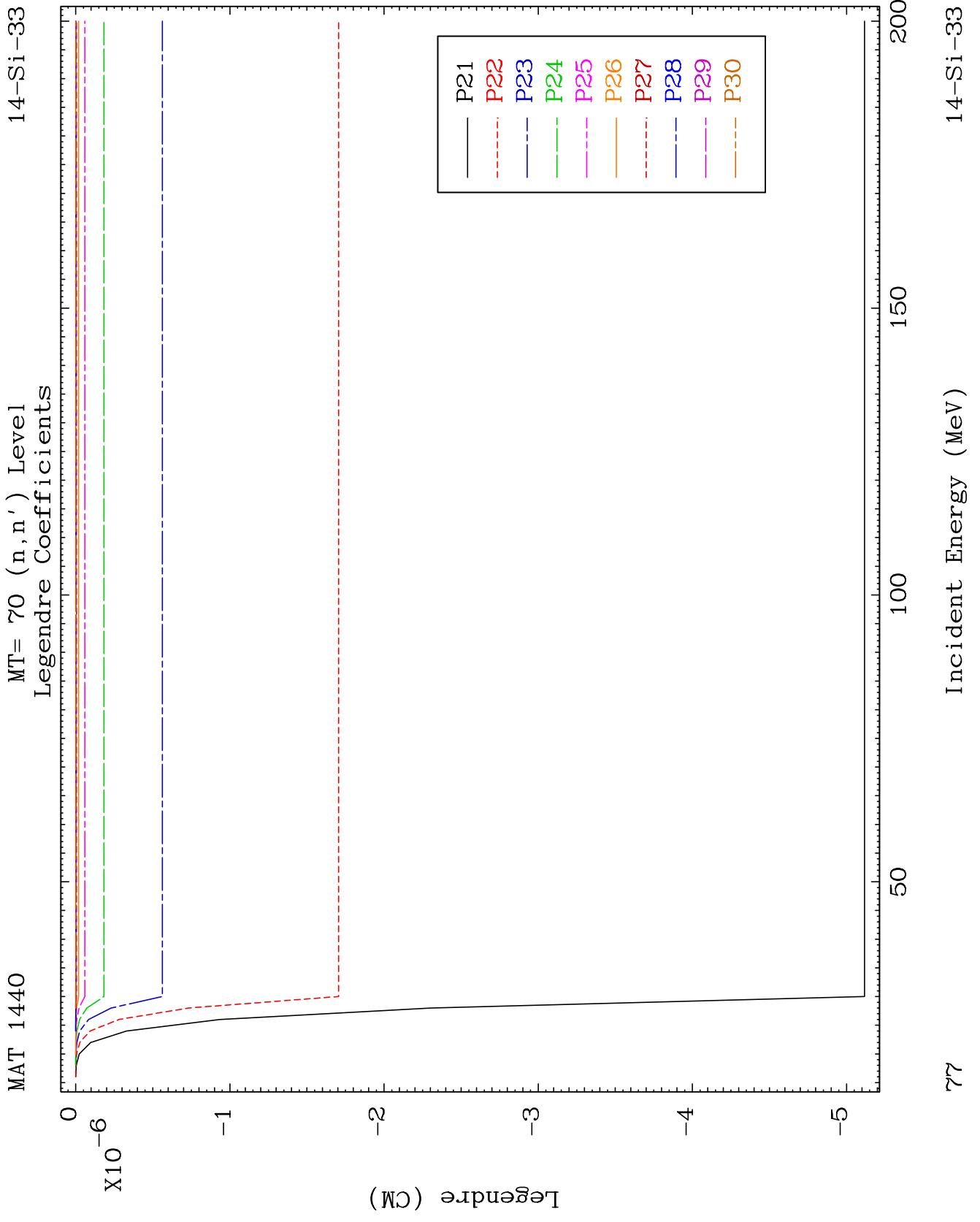
14-Si-33

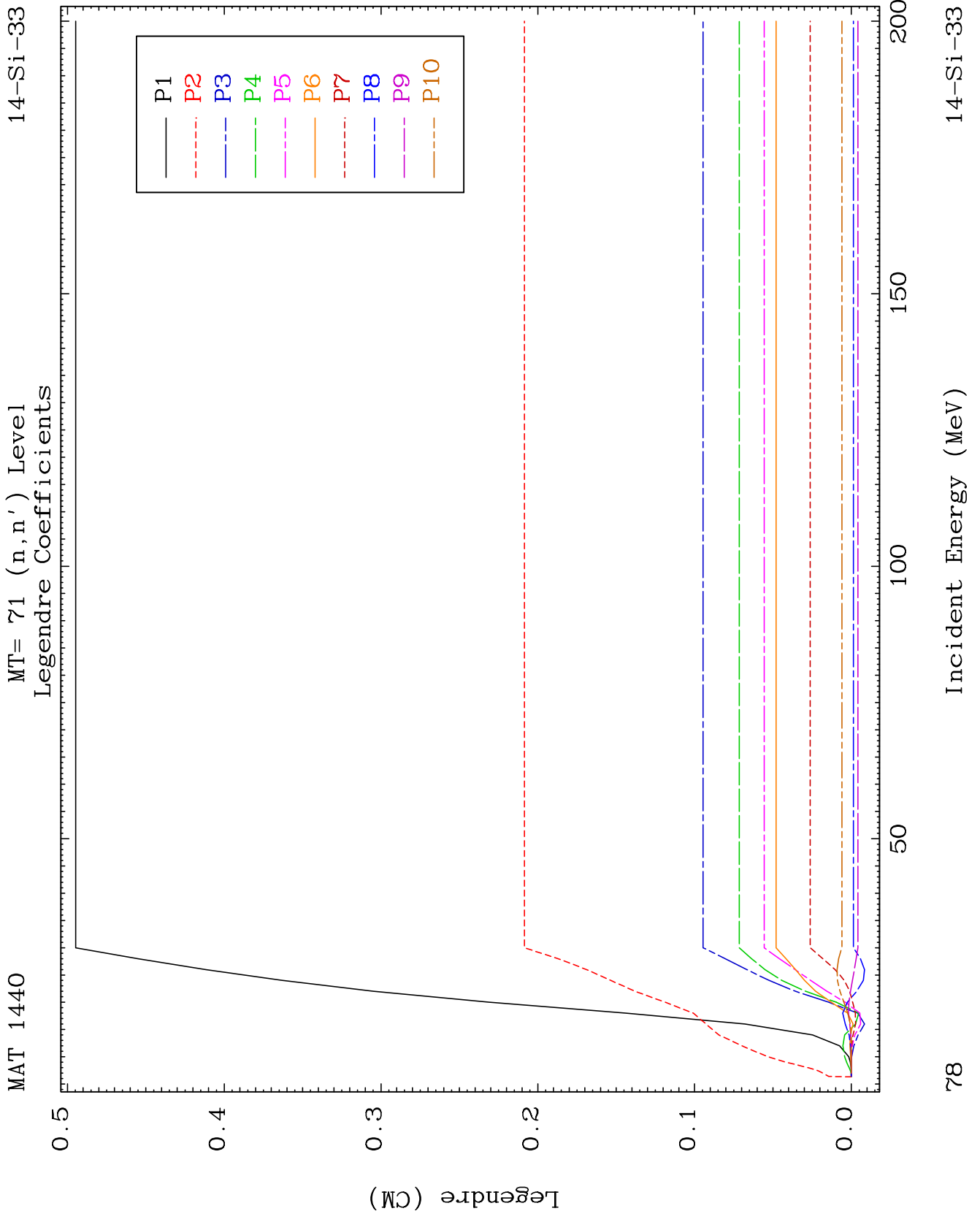


76

Incident Energy (MeV)

14-Si-33

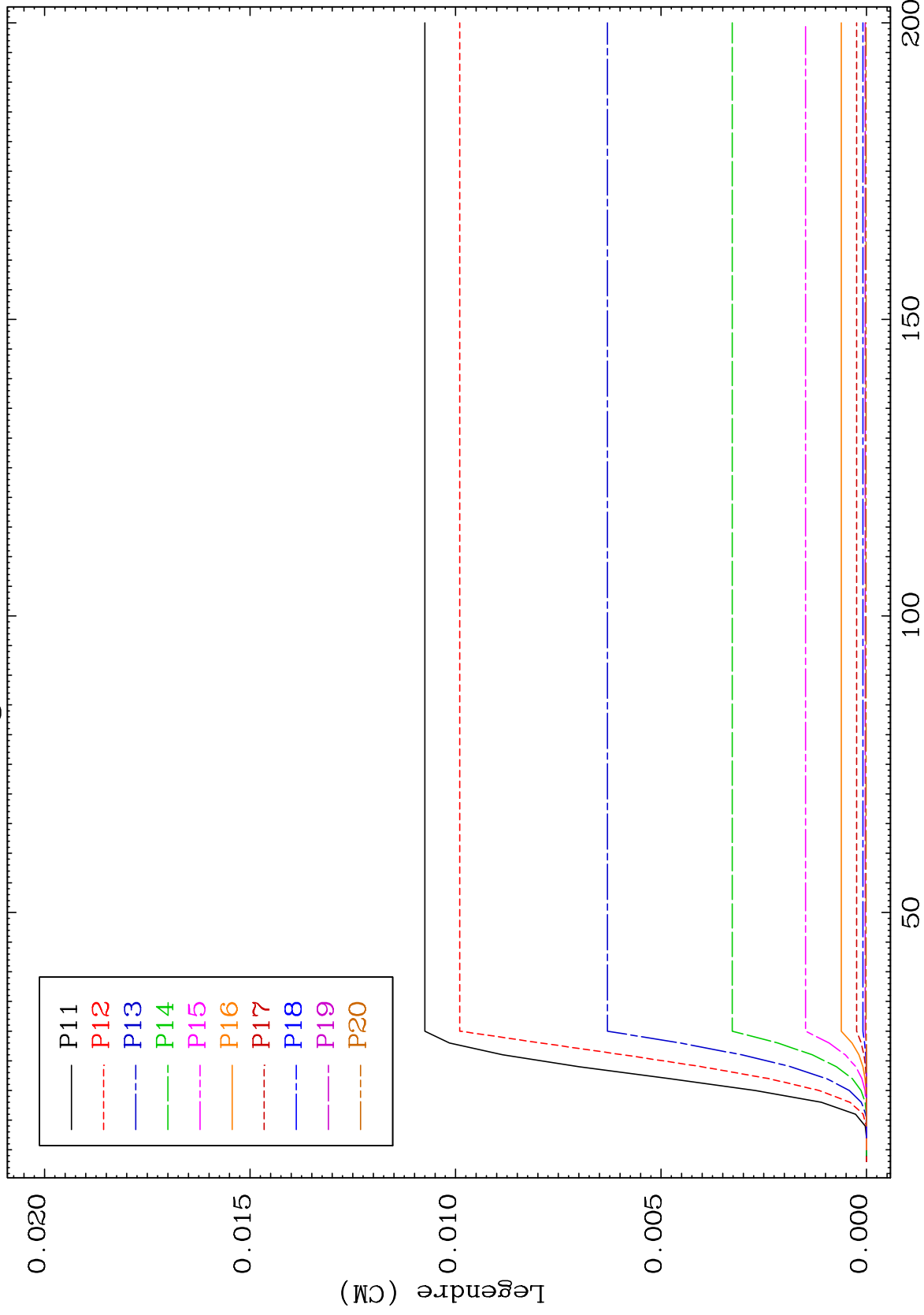




MAT 1440

MT= 71 (n,n') Level  
Legendre Coefficients

14-Si-33

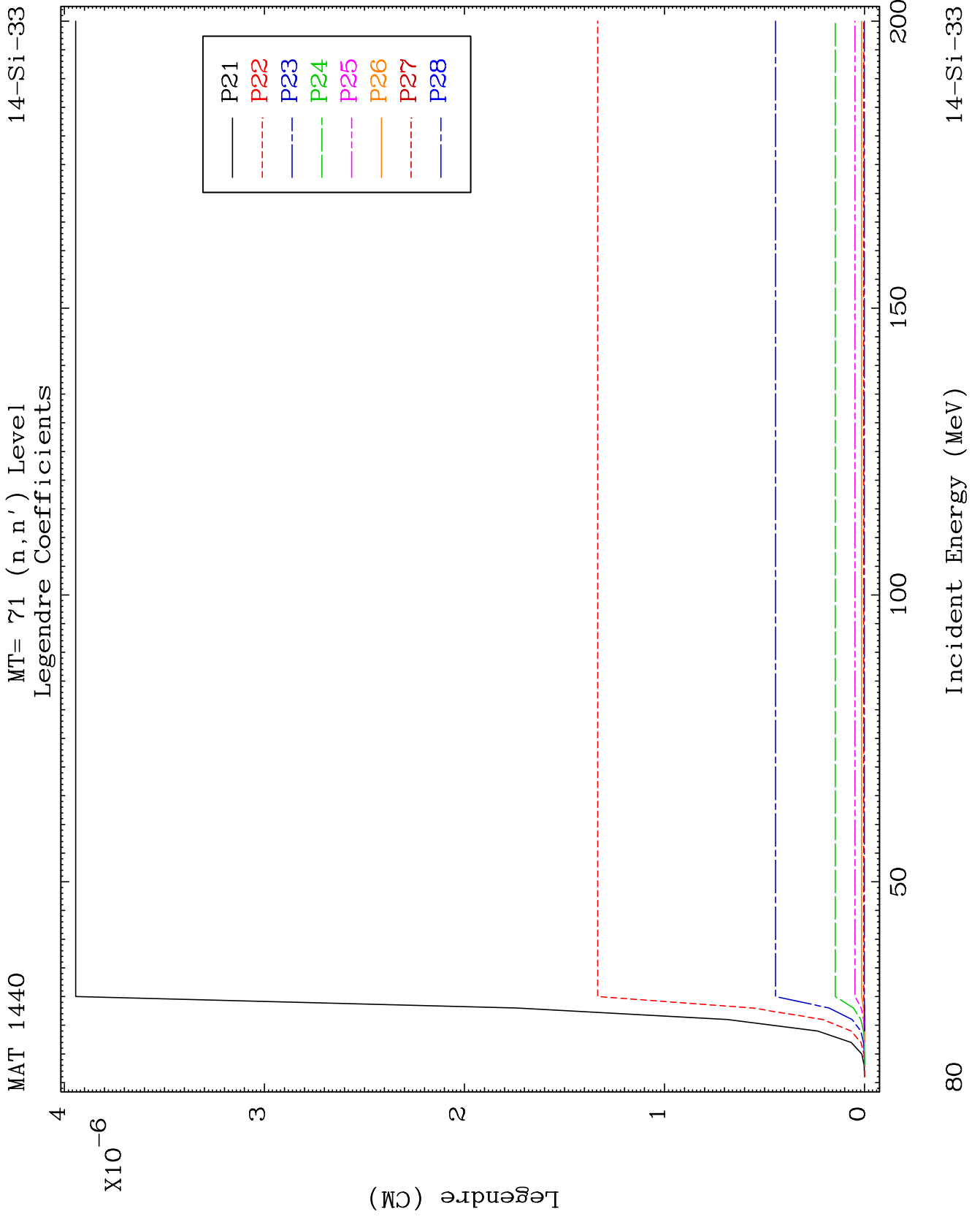


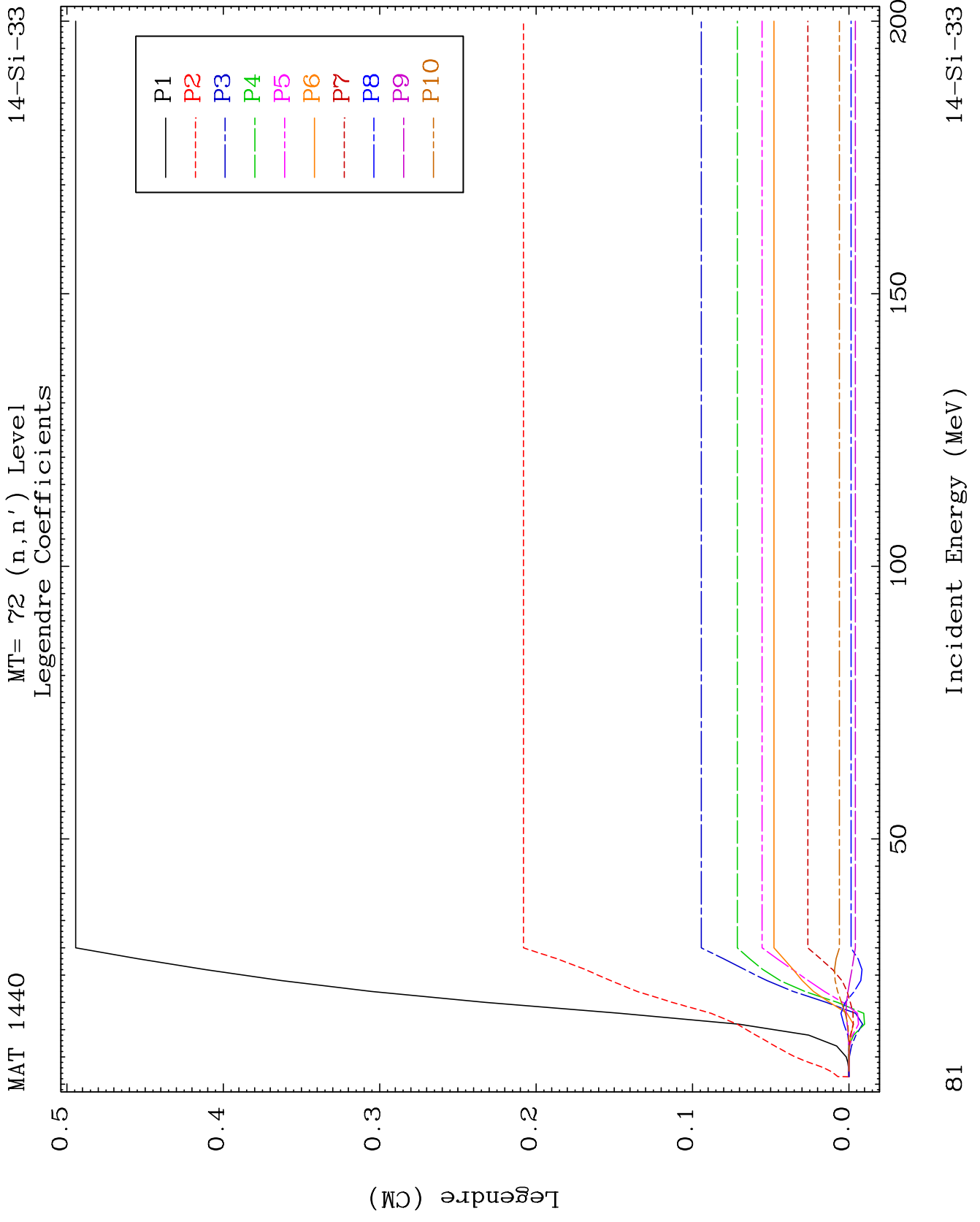
79

14-Si-33

14-Si-33



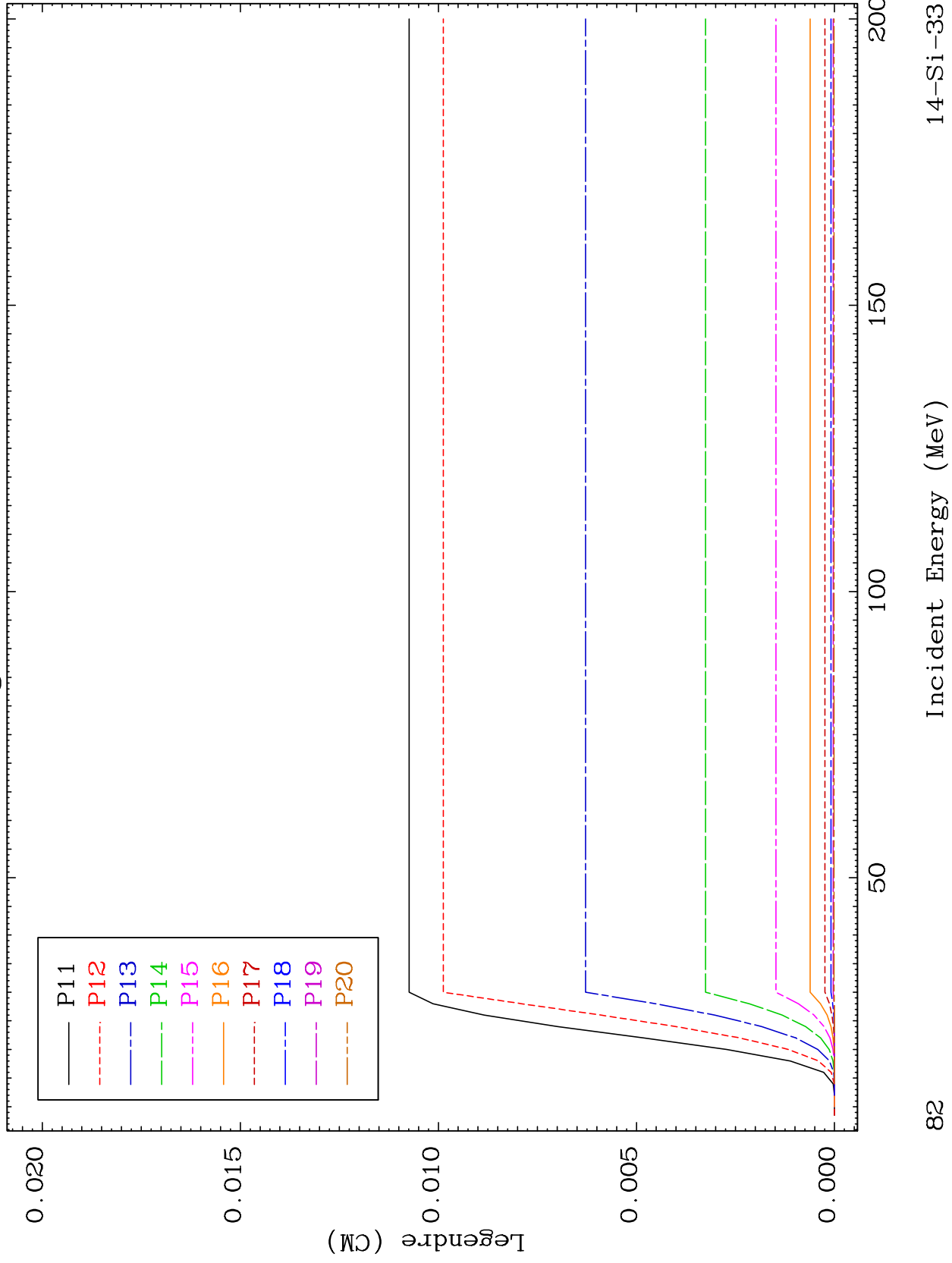




MAT 1440

MT= 72 (n,n') Level  
Legendre Coefficients

14-Si-33



82

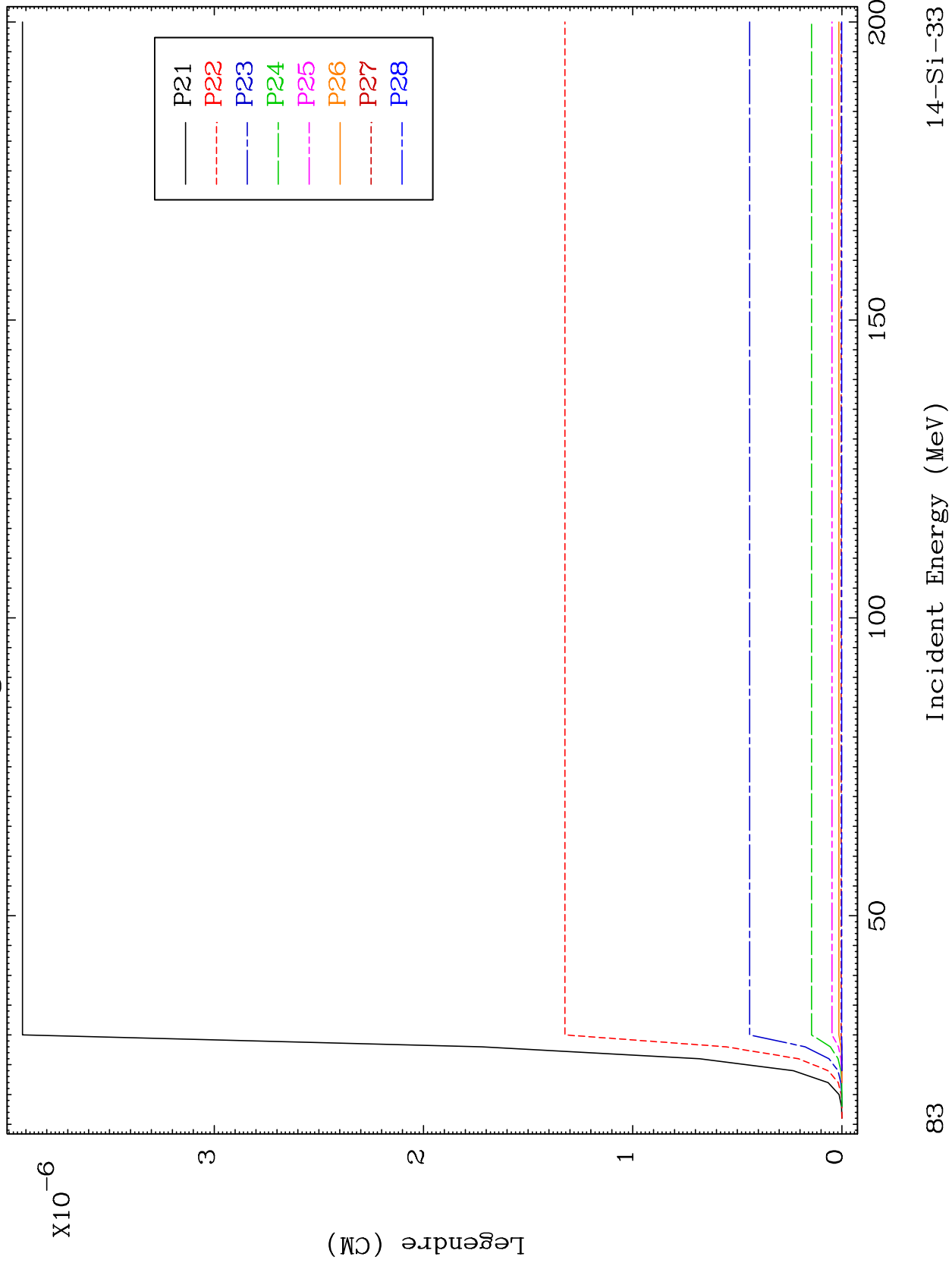
Incident Energy (MeV)

14-Si-33

MAT 1440

MT= 72 (n,n') Level  
Legendre Coefficients

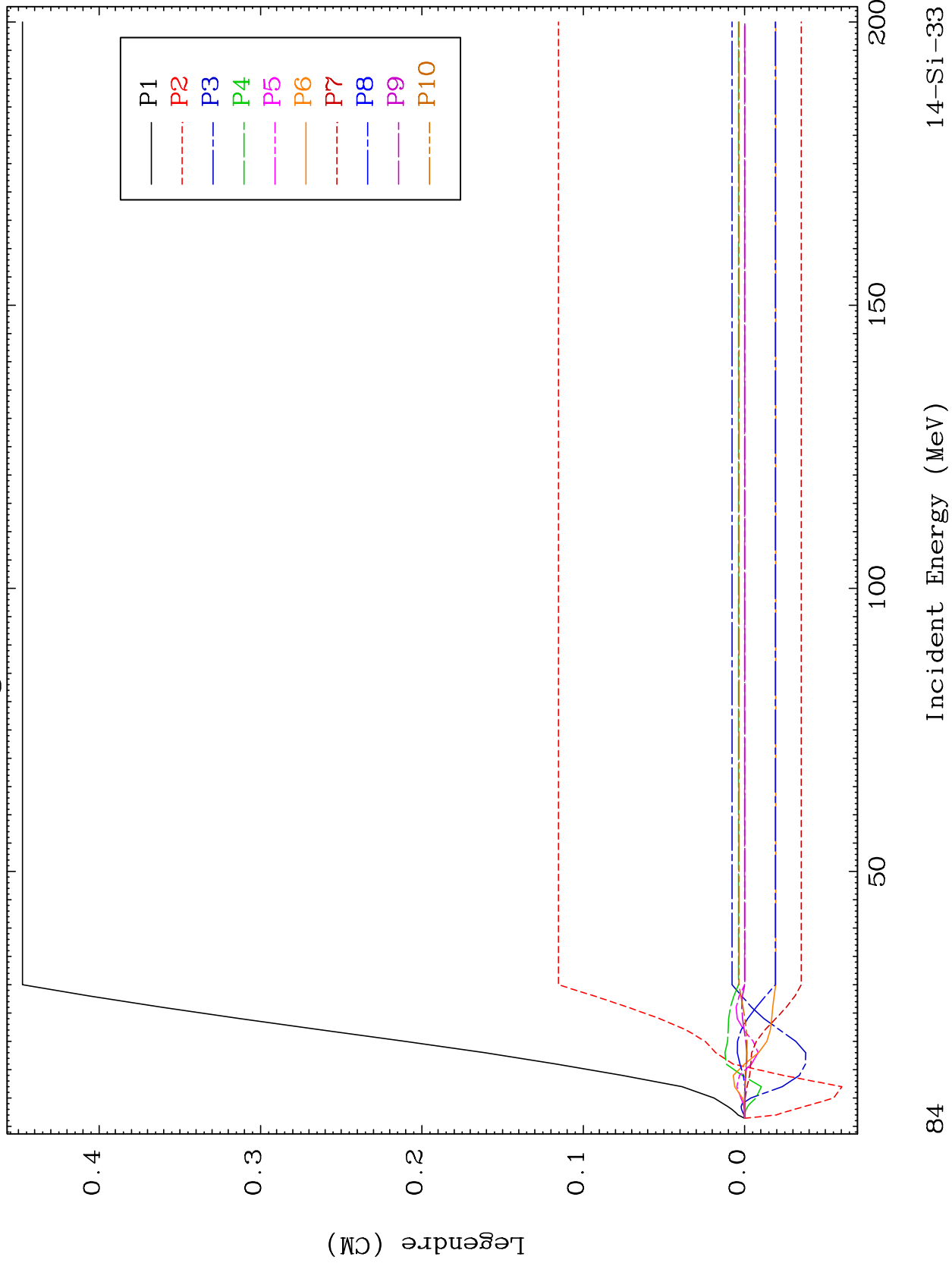
14-Si-33



MAT 1440

MT= 73 (n,n') Level  
Legendre Coefficients

14-Si-33

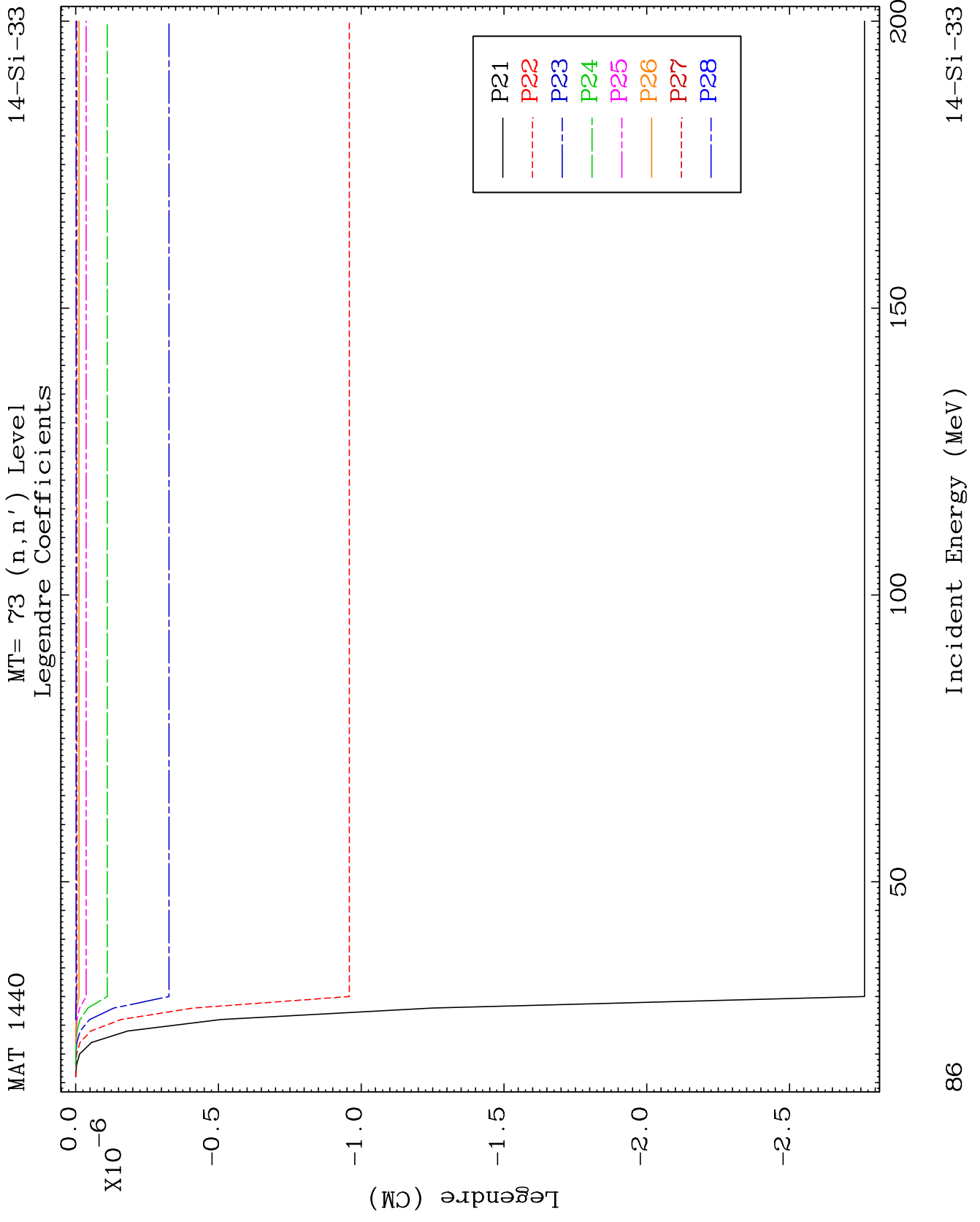


84

Incident Energy (MeV)

14-Si-33

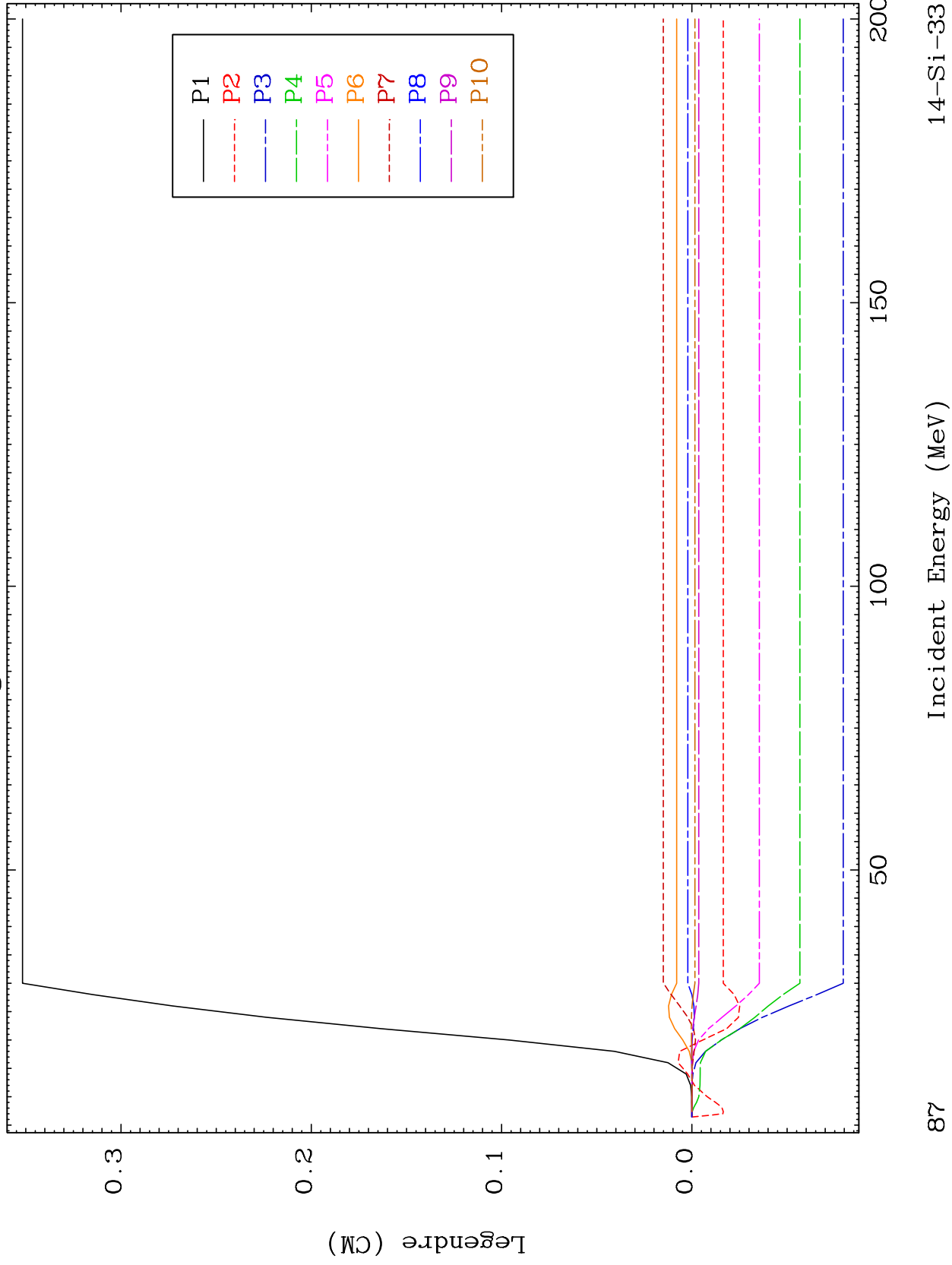




MAT 1440

MT= 74 (n,n') Level  
Legendre Coefficients

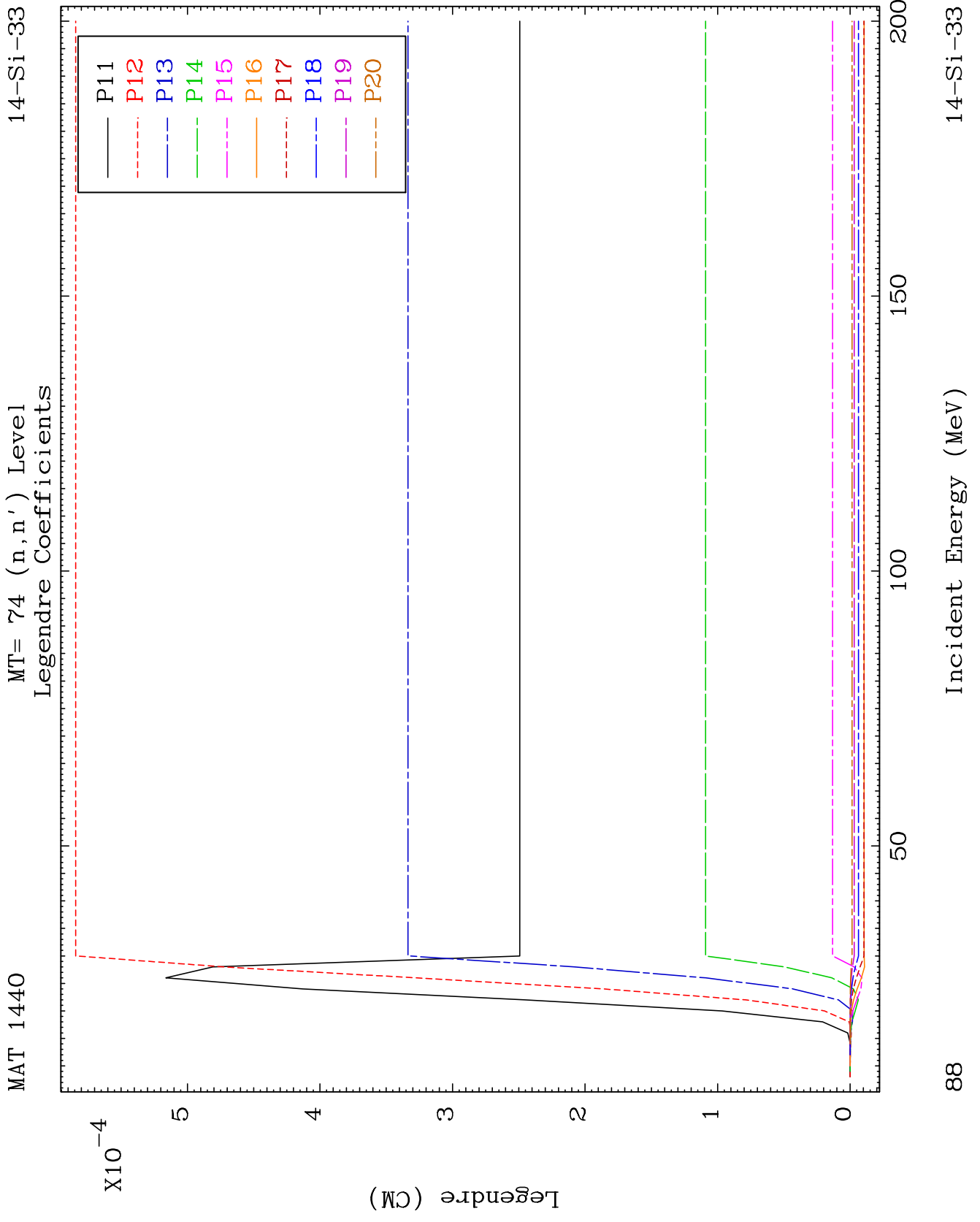
14-Si-33

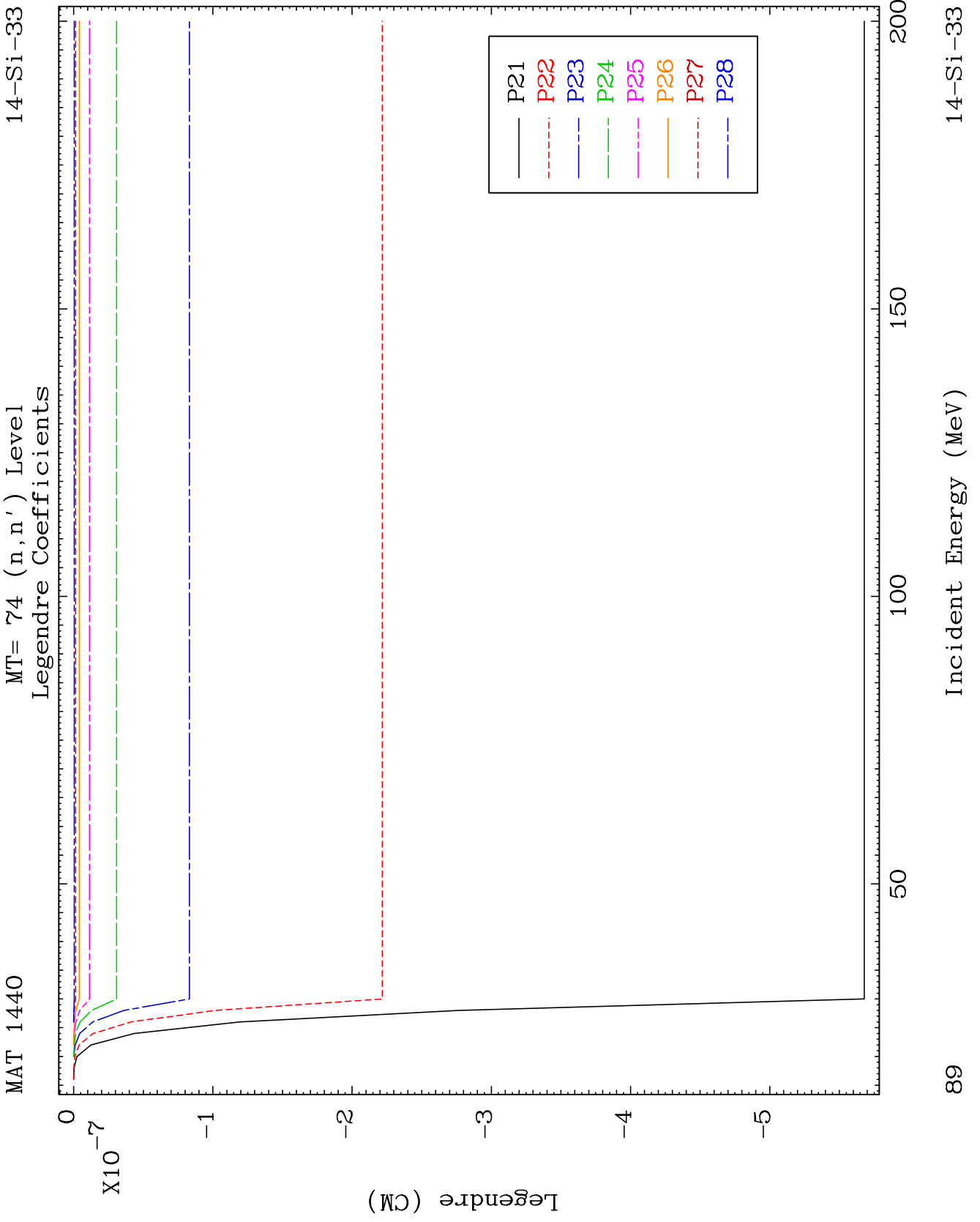


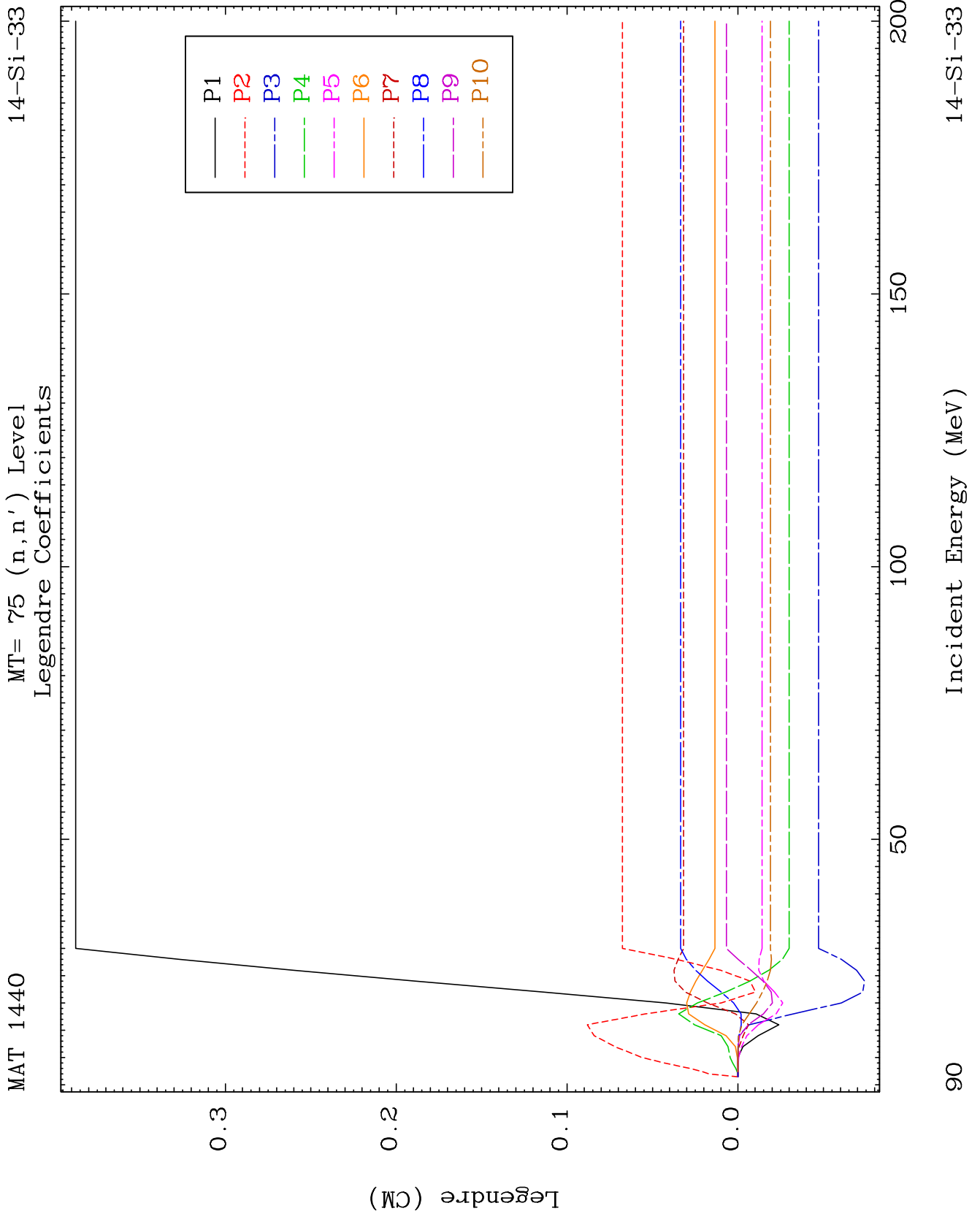
87

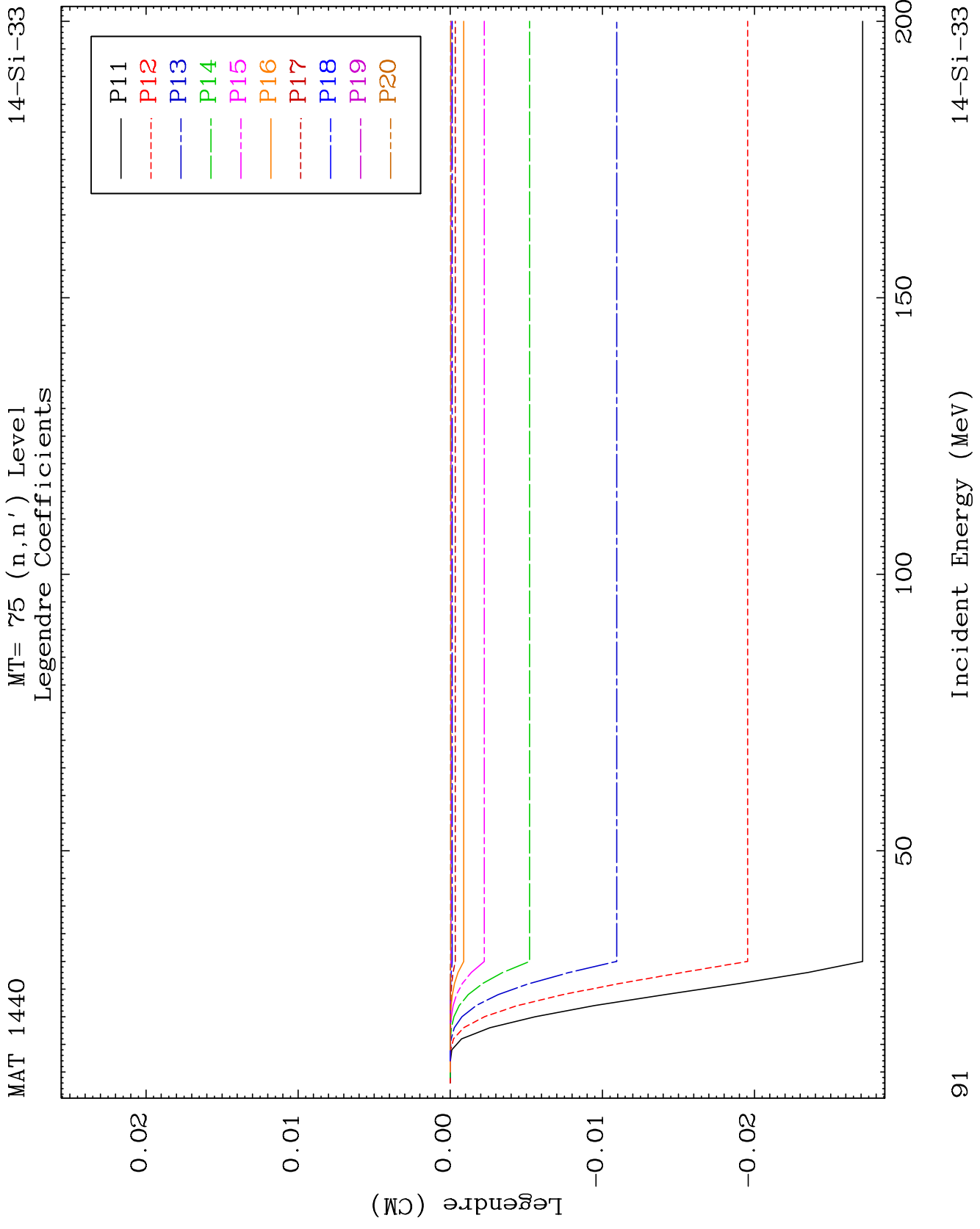
14-Si-33









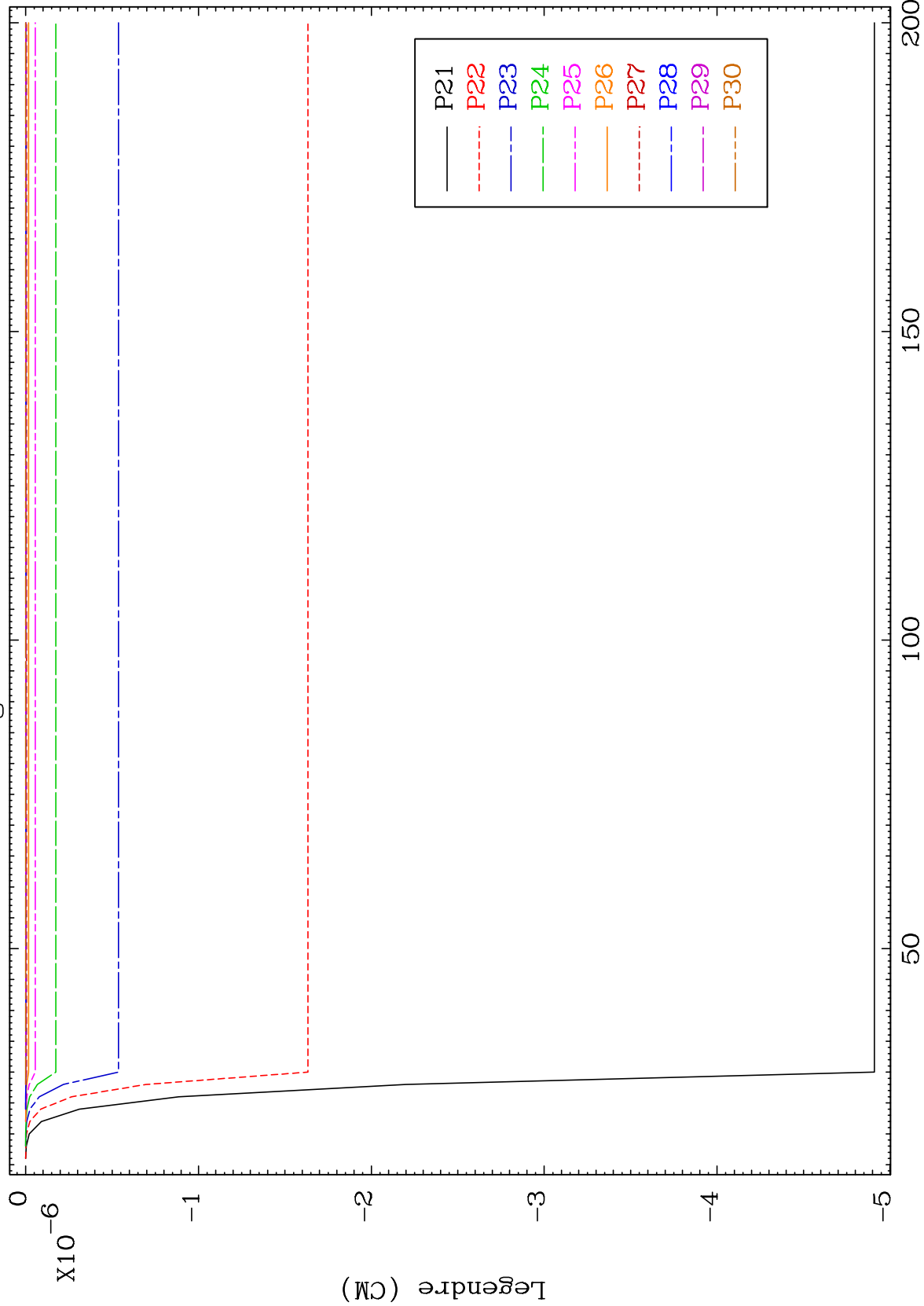


MAT 1440

MT= 75 (n,n') Level

14-Si-33

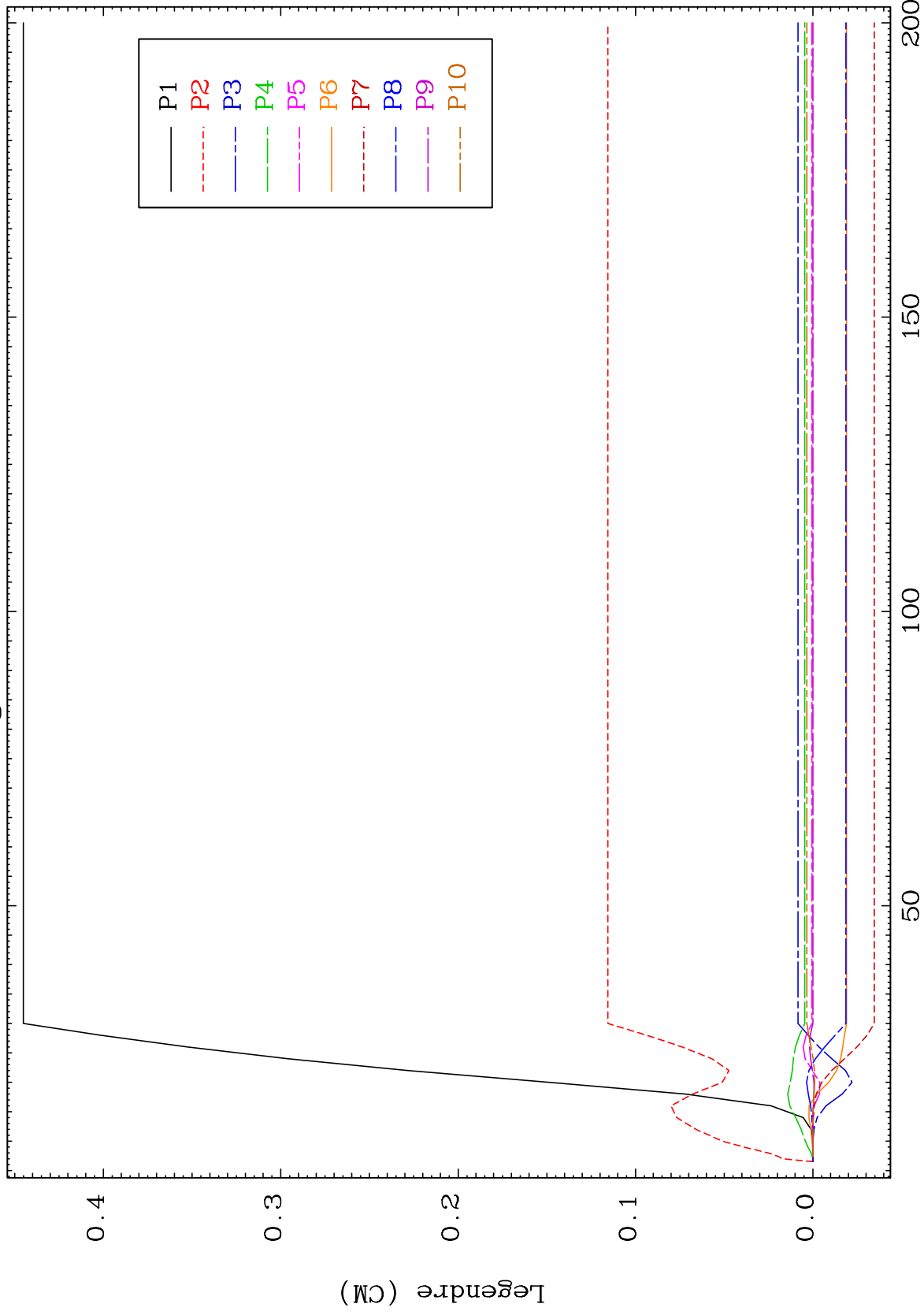
Legendre Coefficients



MAT 1440

MT= 76 (n,n') Level  
Legendre Coefficients

14-Si-33

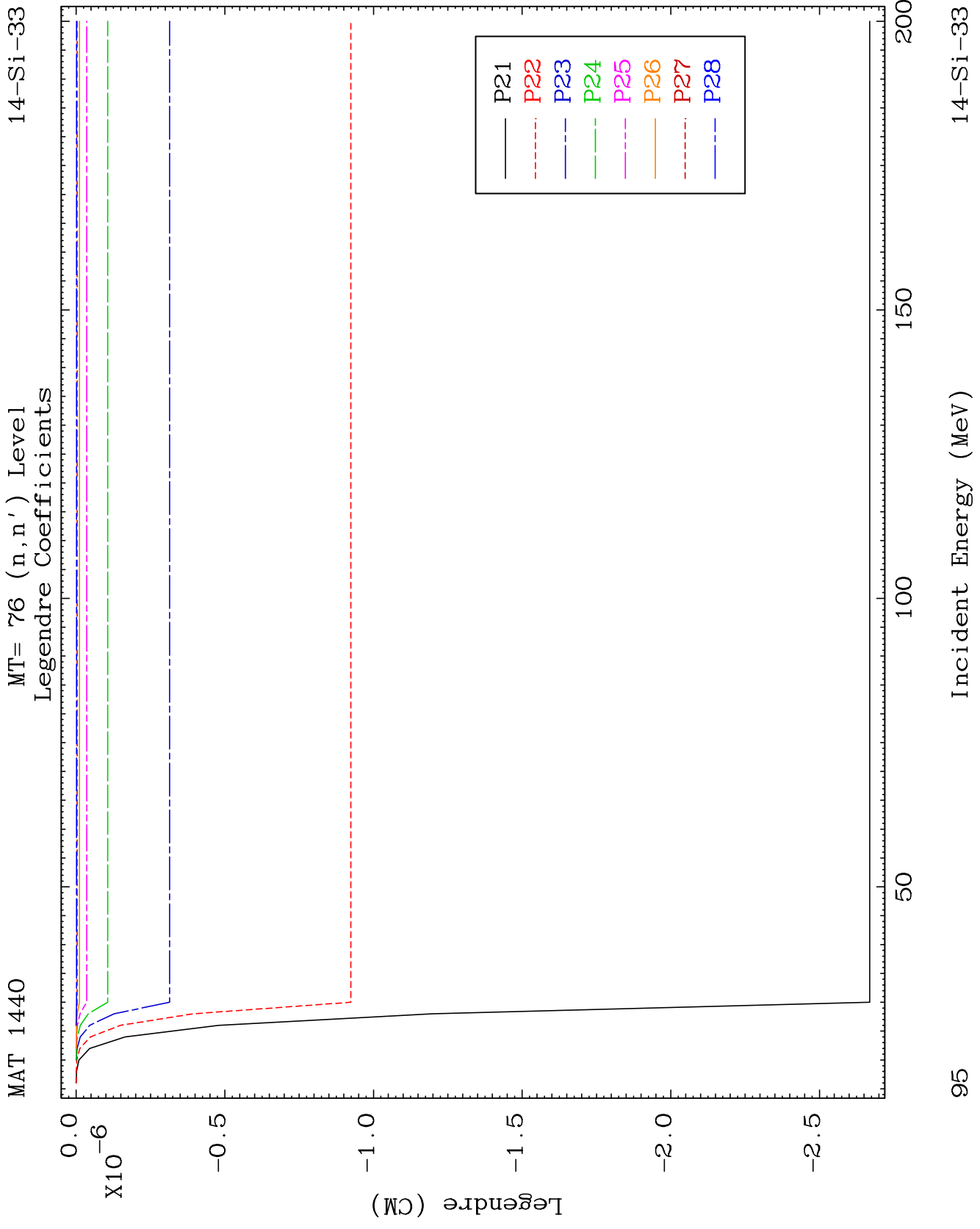


93

Incident Energy (MeV)

14-Si-33



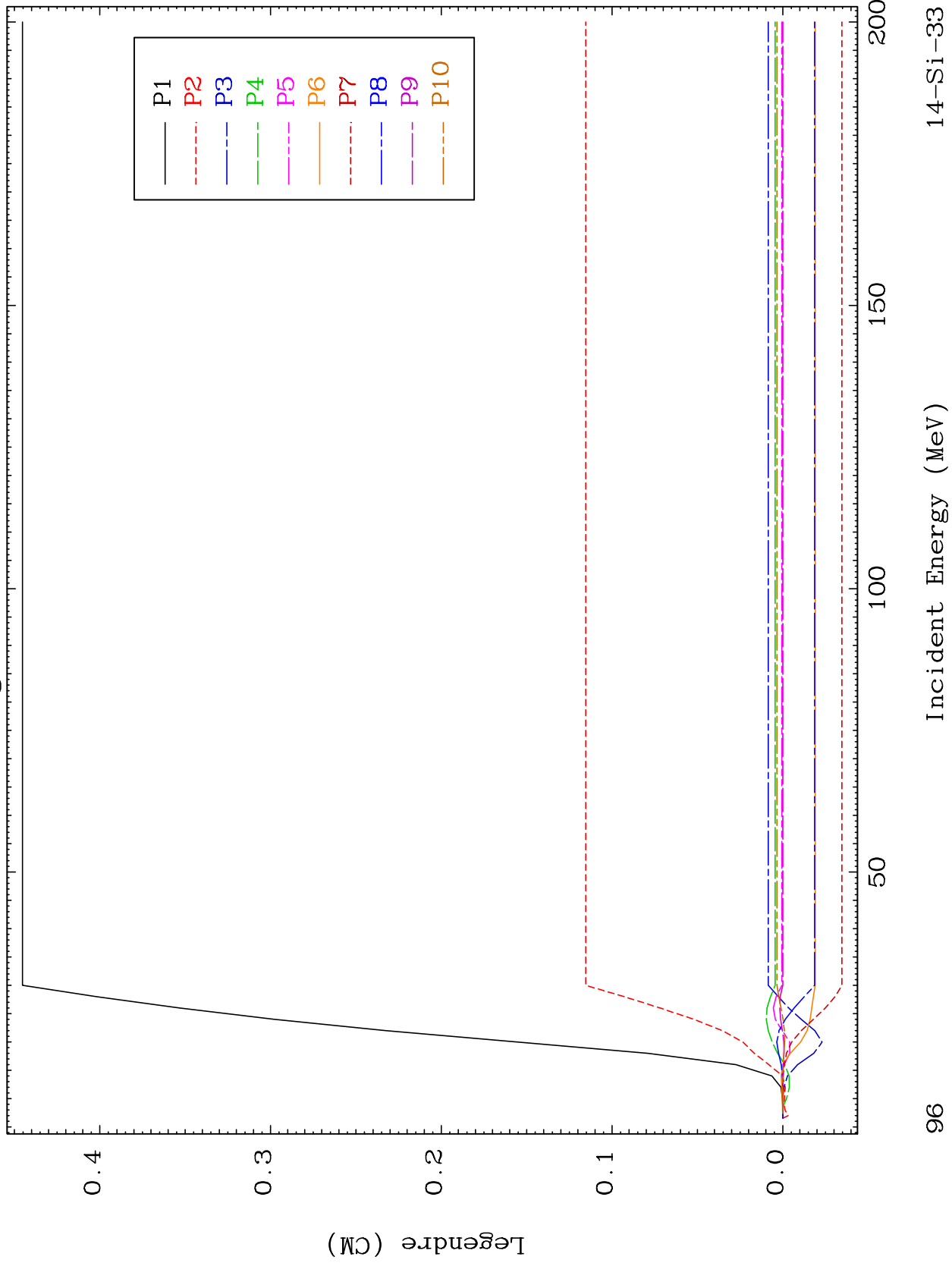




MAT 1440

MT= 77 (n,n') Level  
Legendre Coefficients

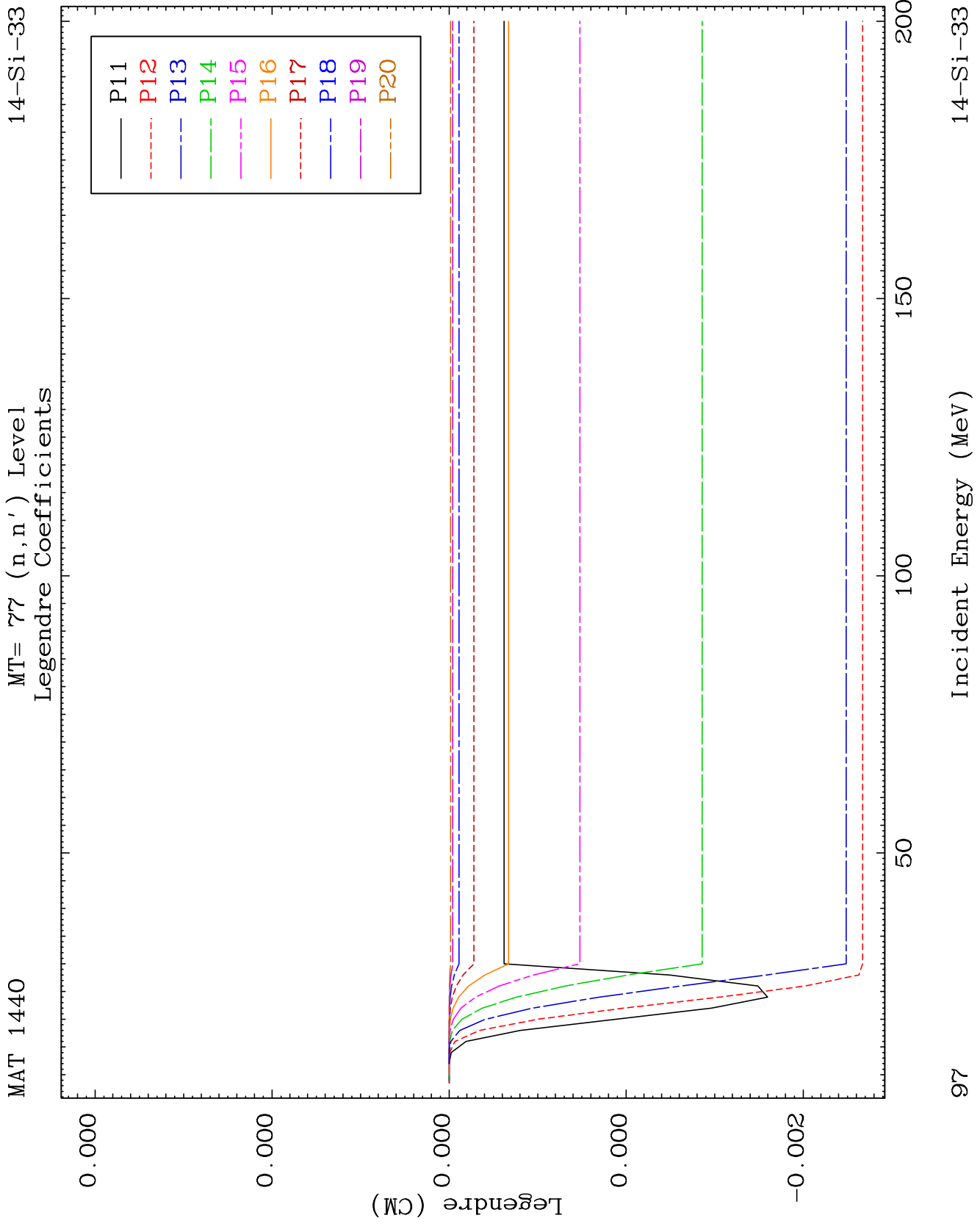
14-Si-33



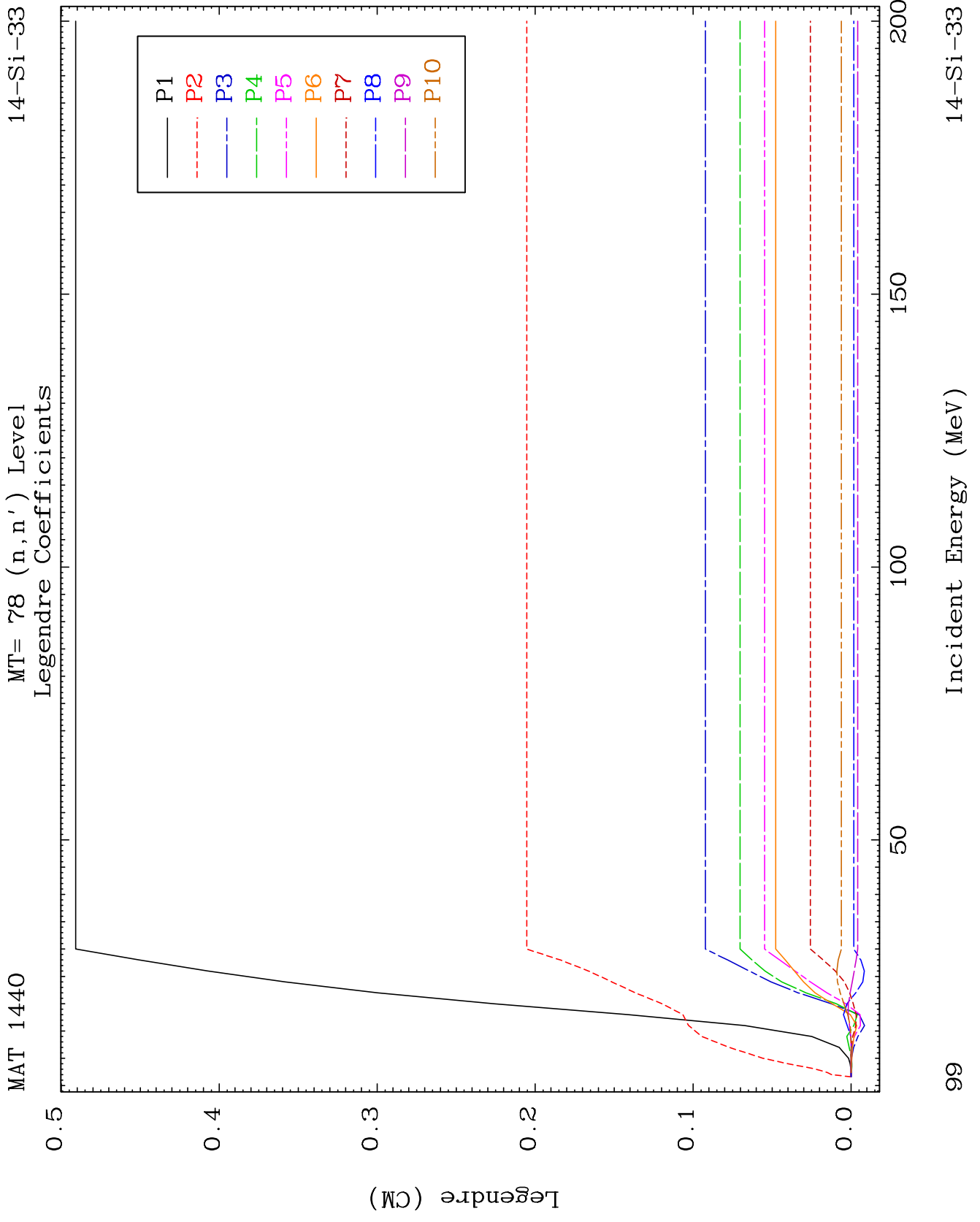
96

Incident Energy (MeV)

14-Si-33



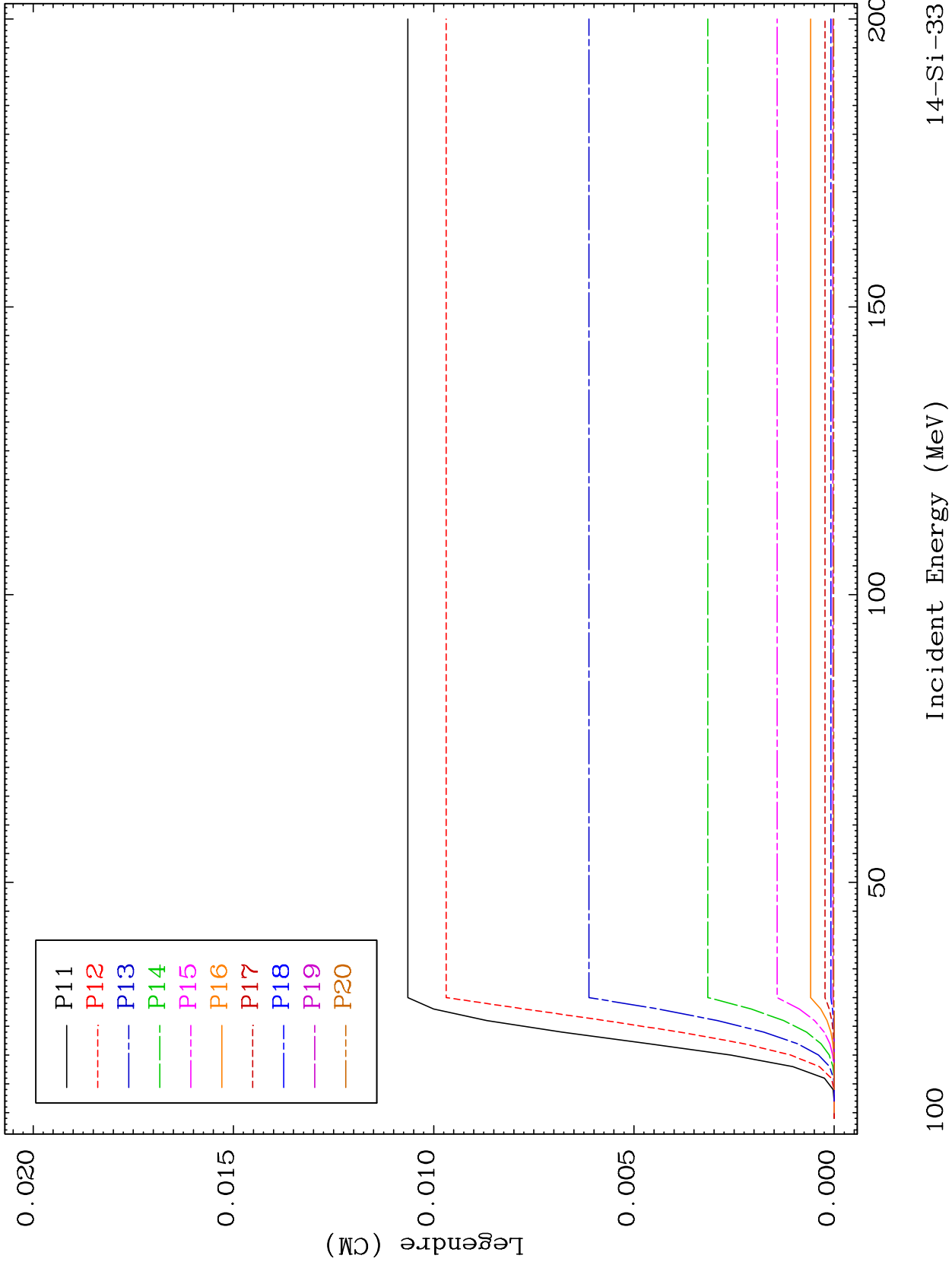




MAT 1440

MT= 78 (n,n') Level  
Legendre Coefficients

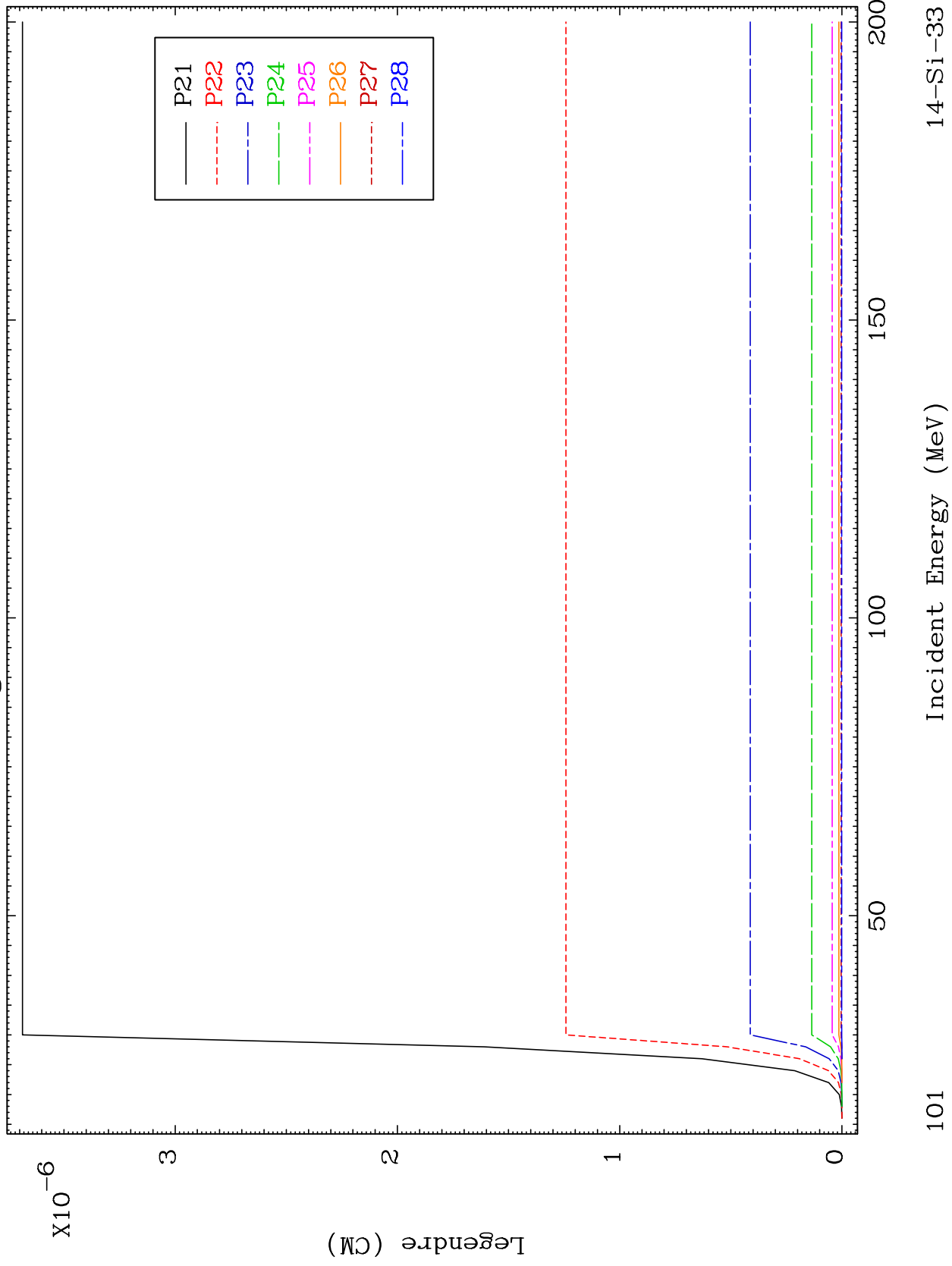
14-Si-33



MAT 1440

MT= 78 (n,n') Level  
Legendre Coefficients

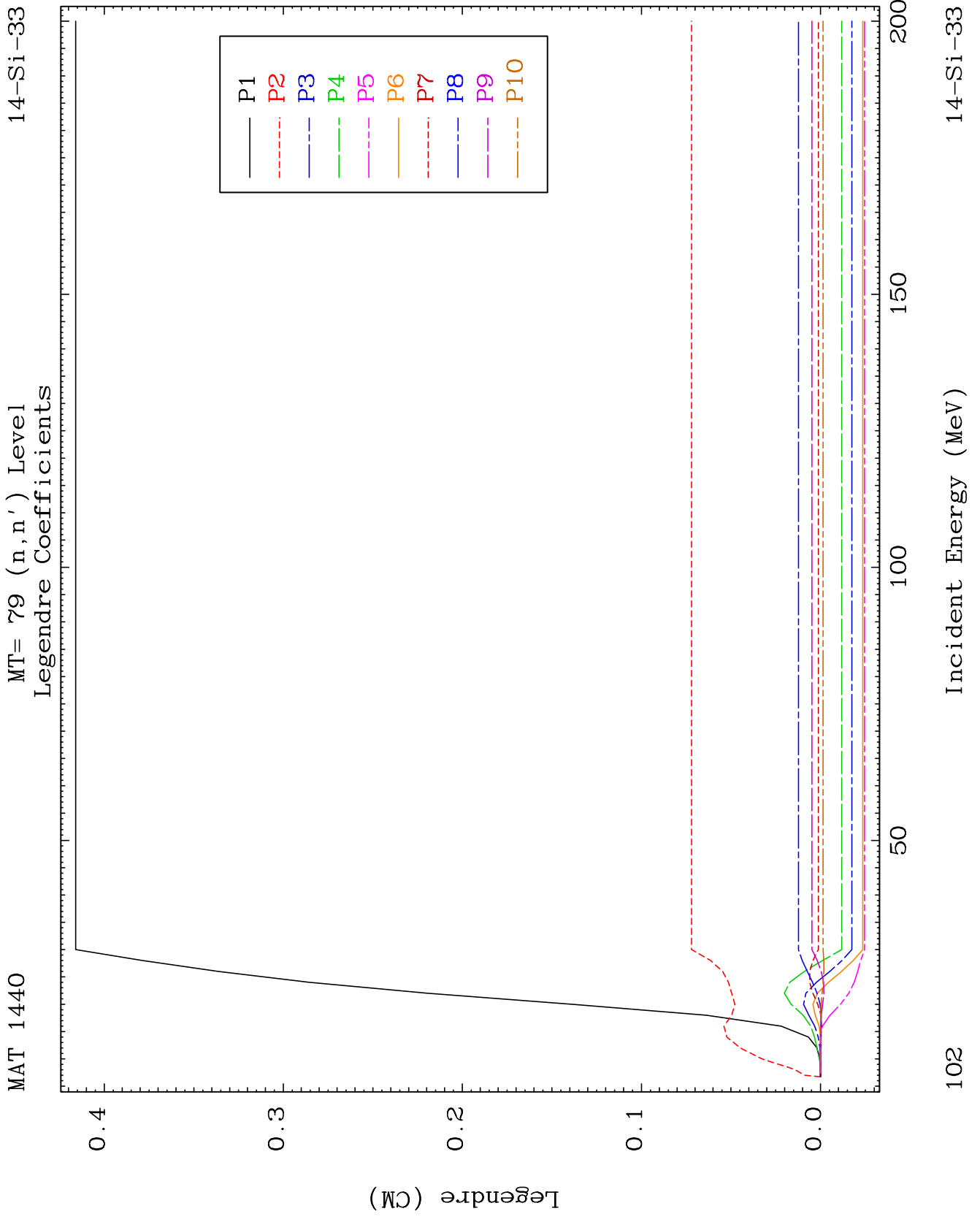
14-Si-33

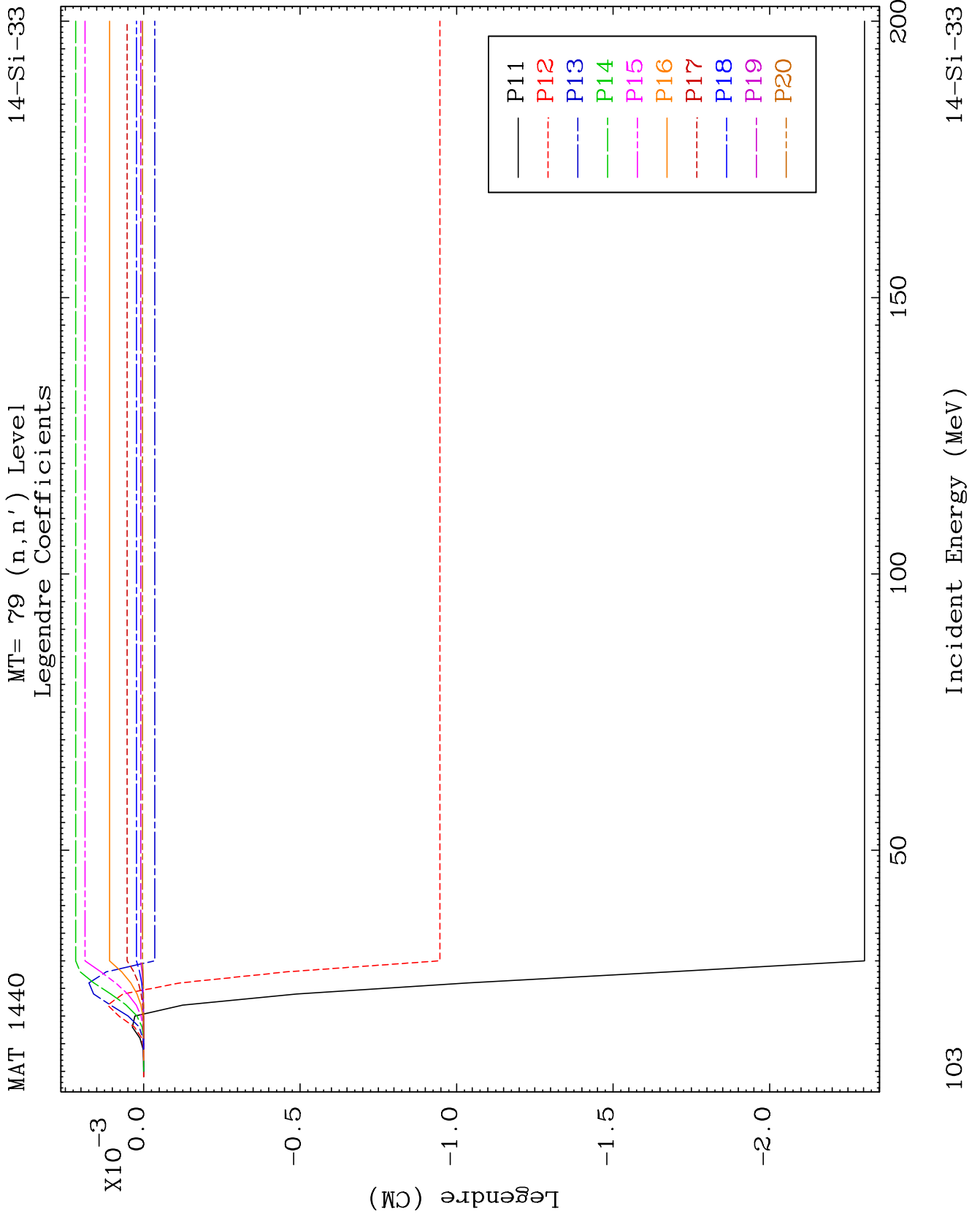


101

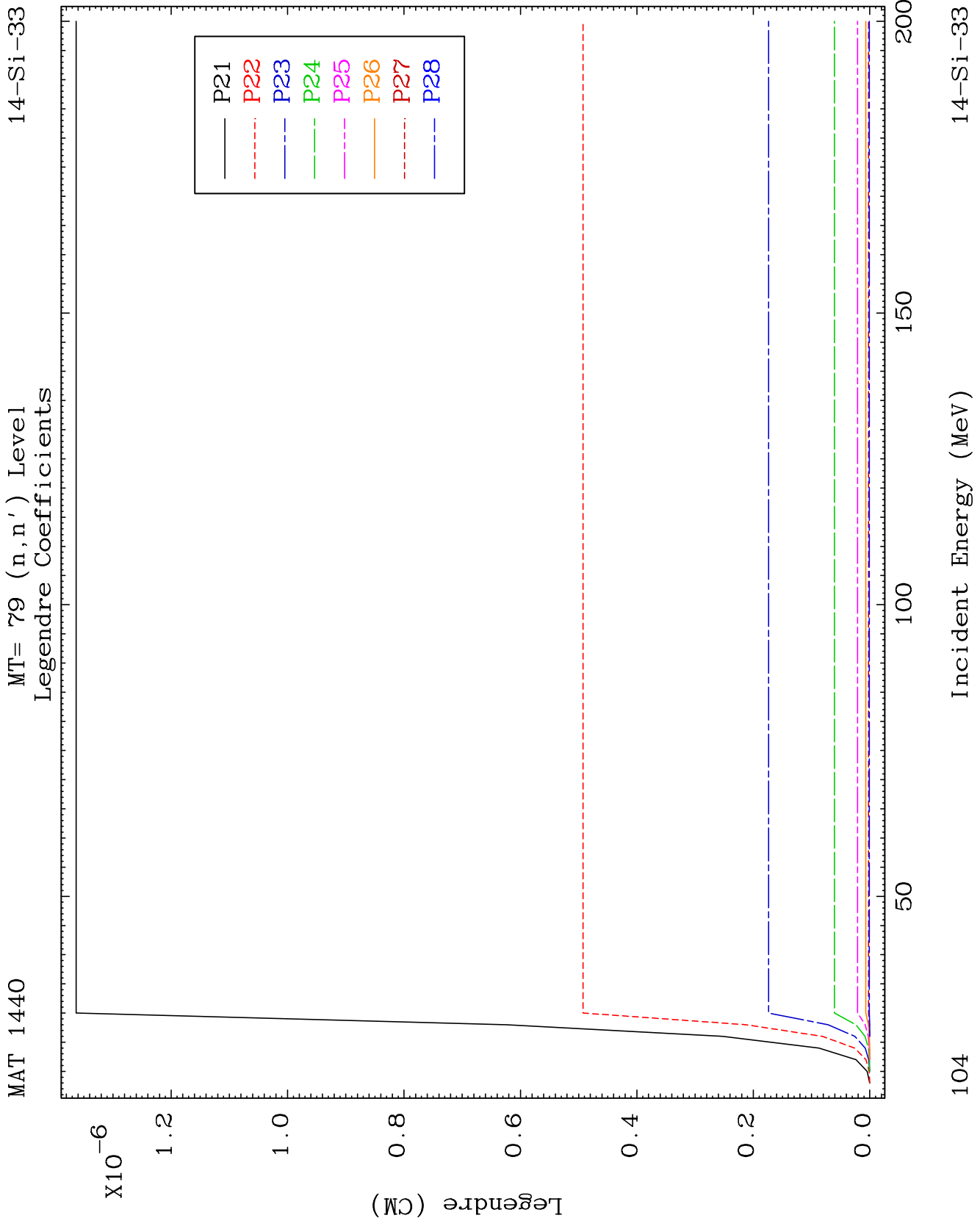
Incident Energy (MeV)

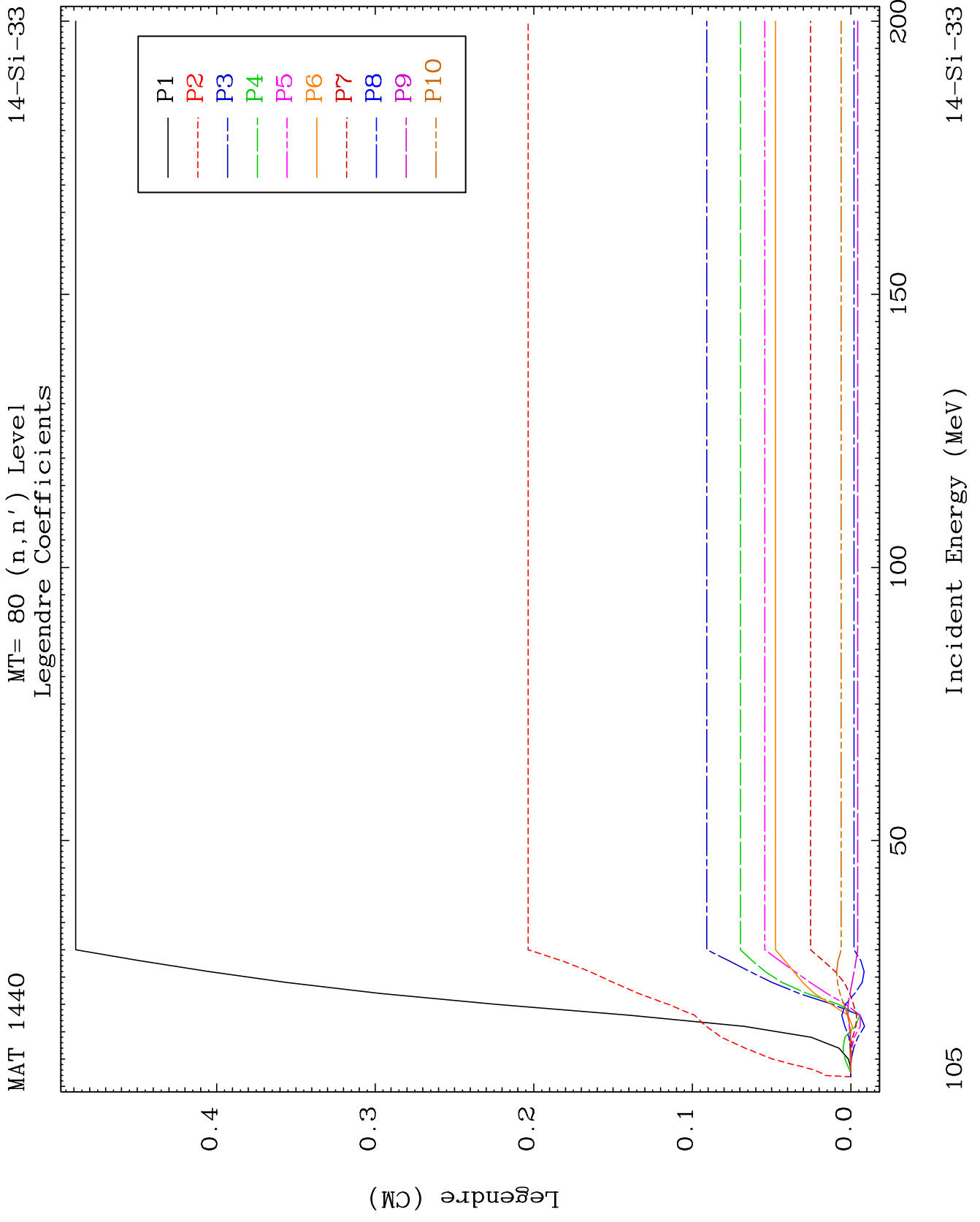
14-Si-33

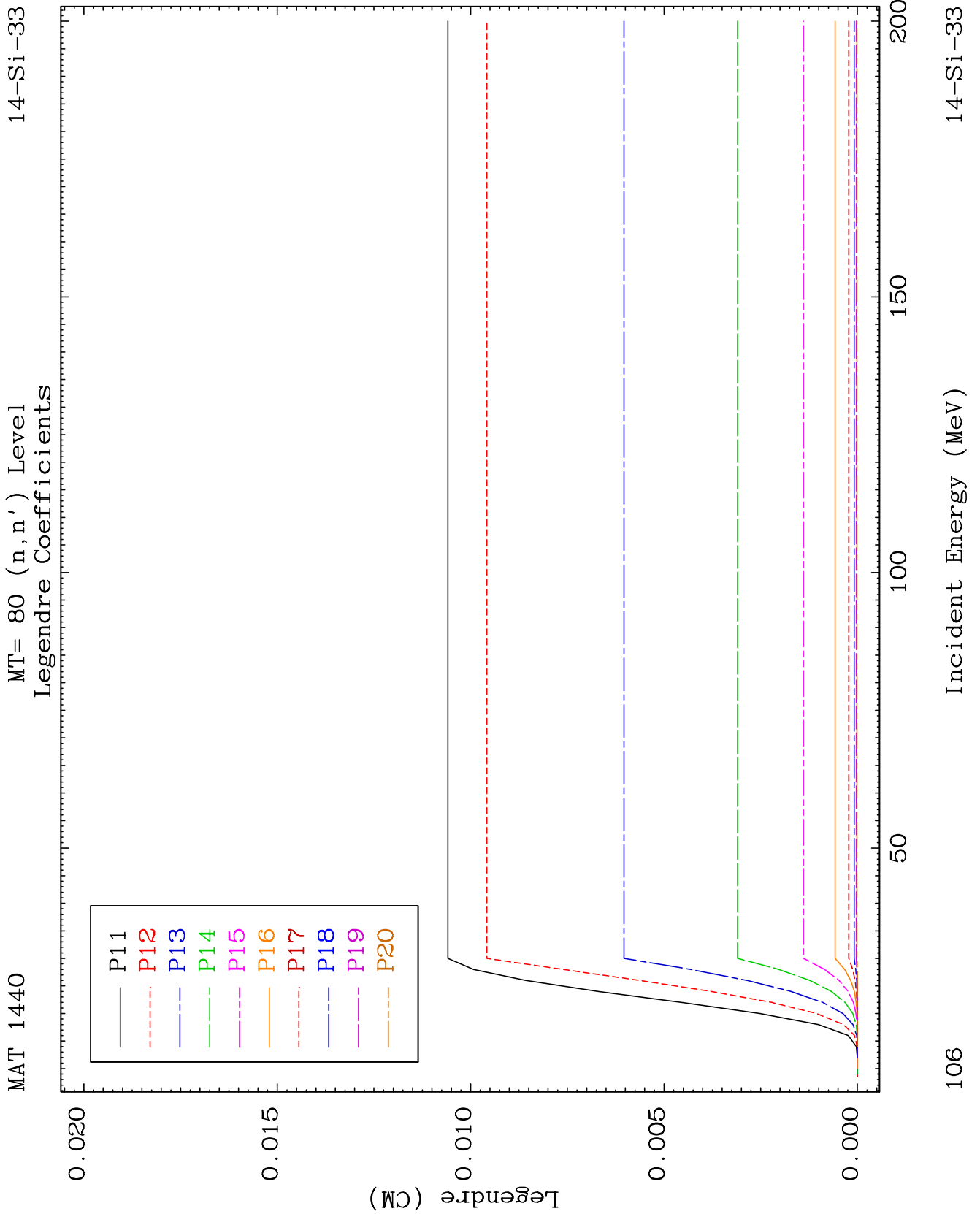








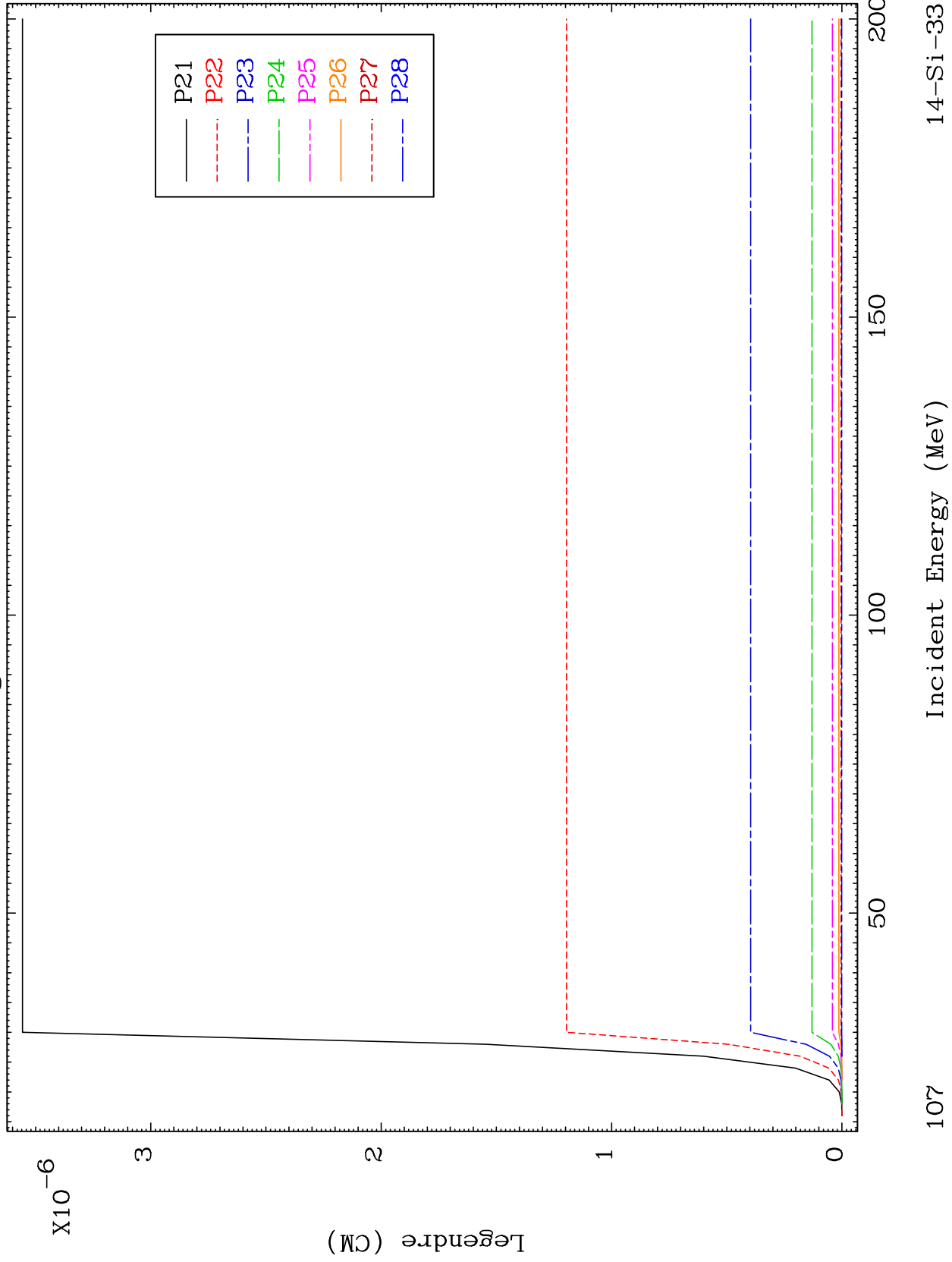




MAT 1440

MT= 80 (n,n') Level  
Legendre Coefficients

14-Si-33



107

Incident Energy (MeV)

14-Si-33