

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

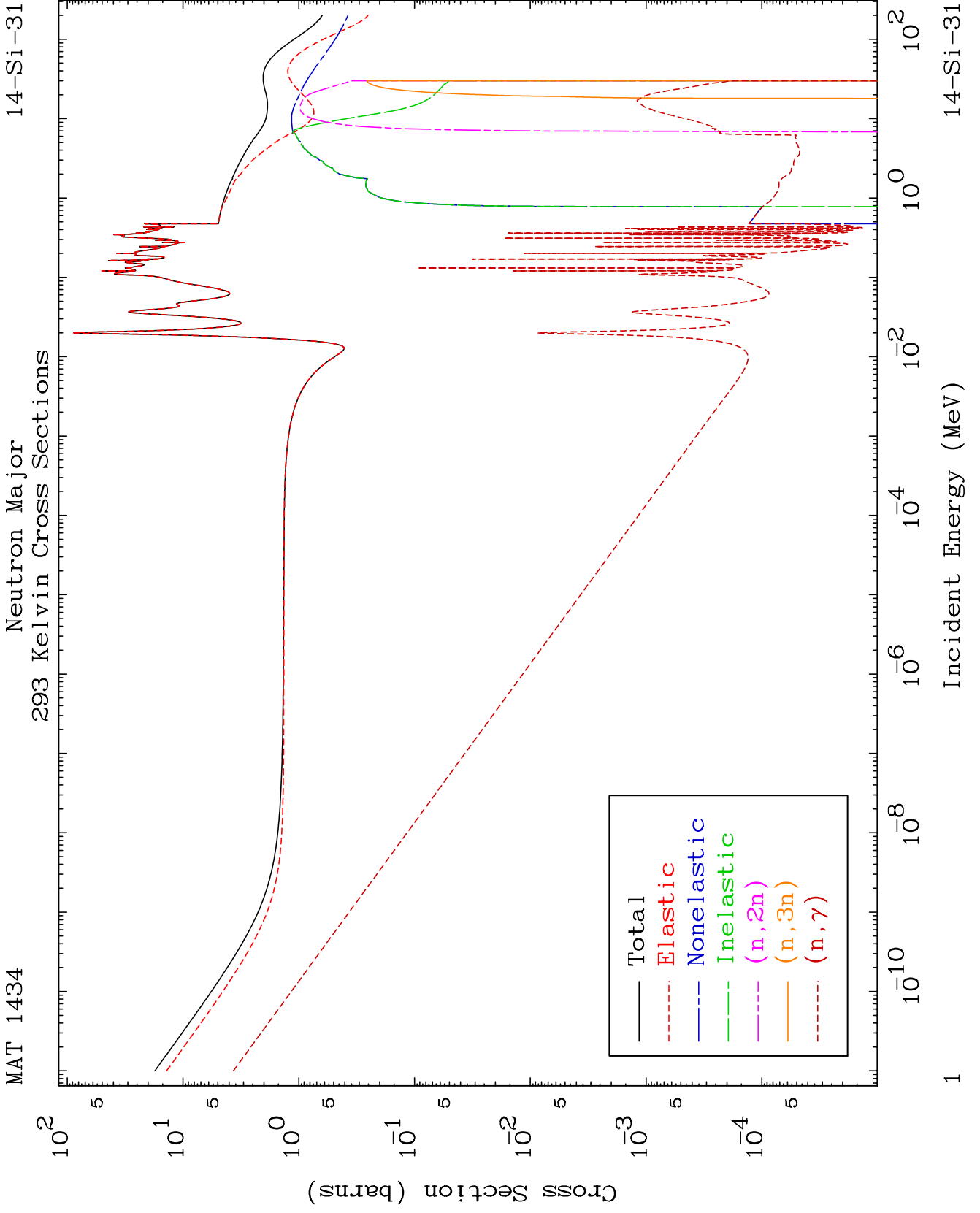
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Web:redcullen1.net/HOMEPAGE.NEW

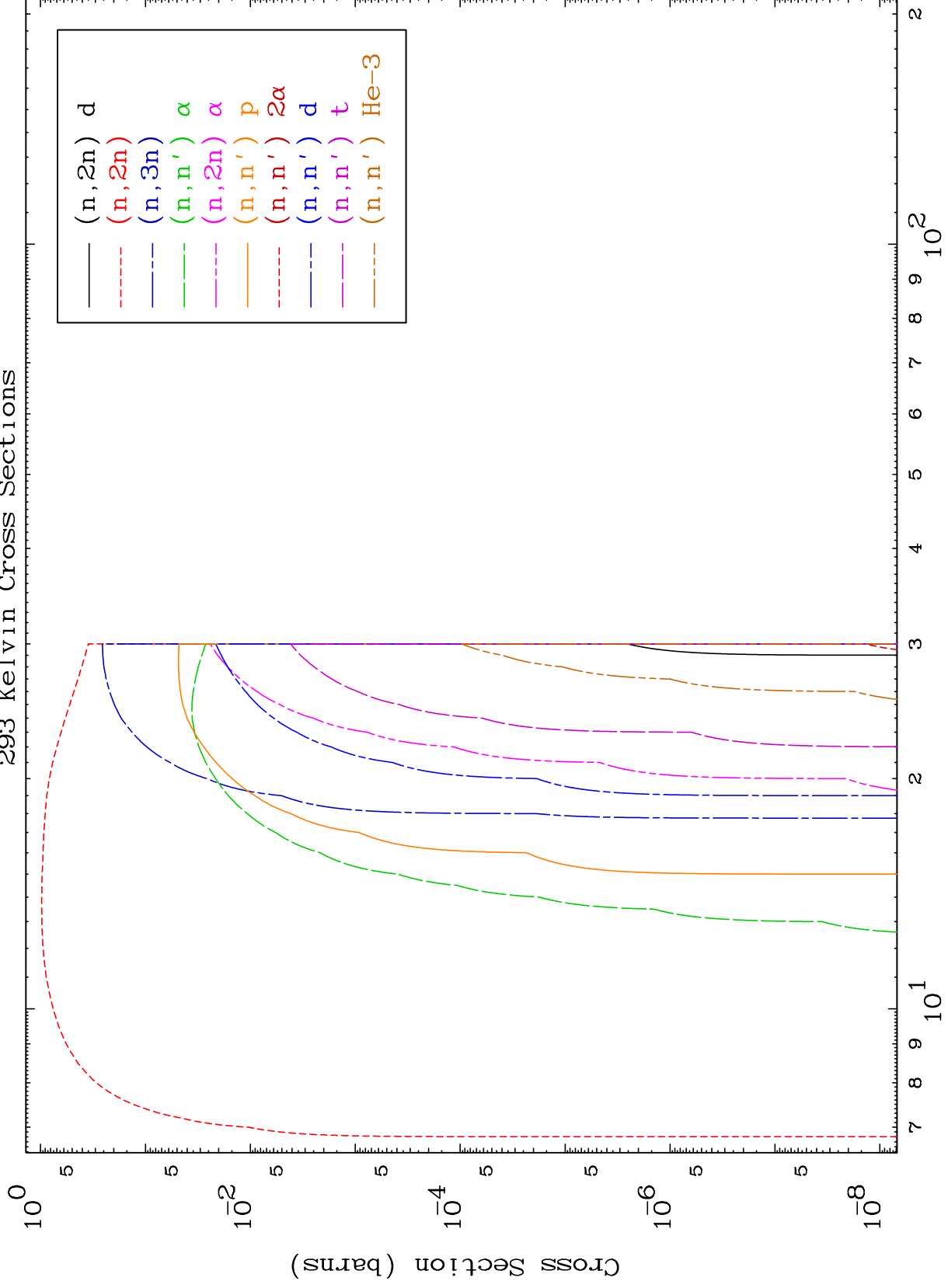
Press Mouse Button to Start



MAT 1434

Neutron Absorption
293 Kelvin Cross Sections

14-Si-31



2

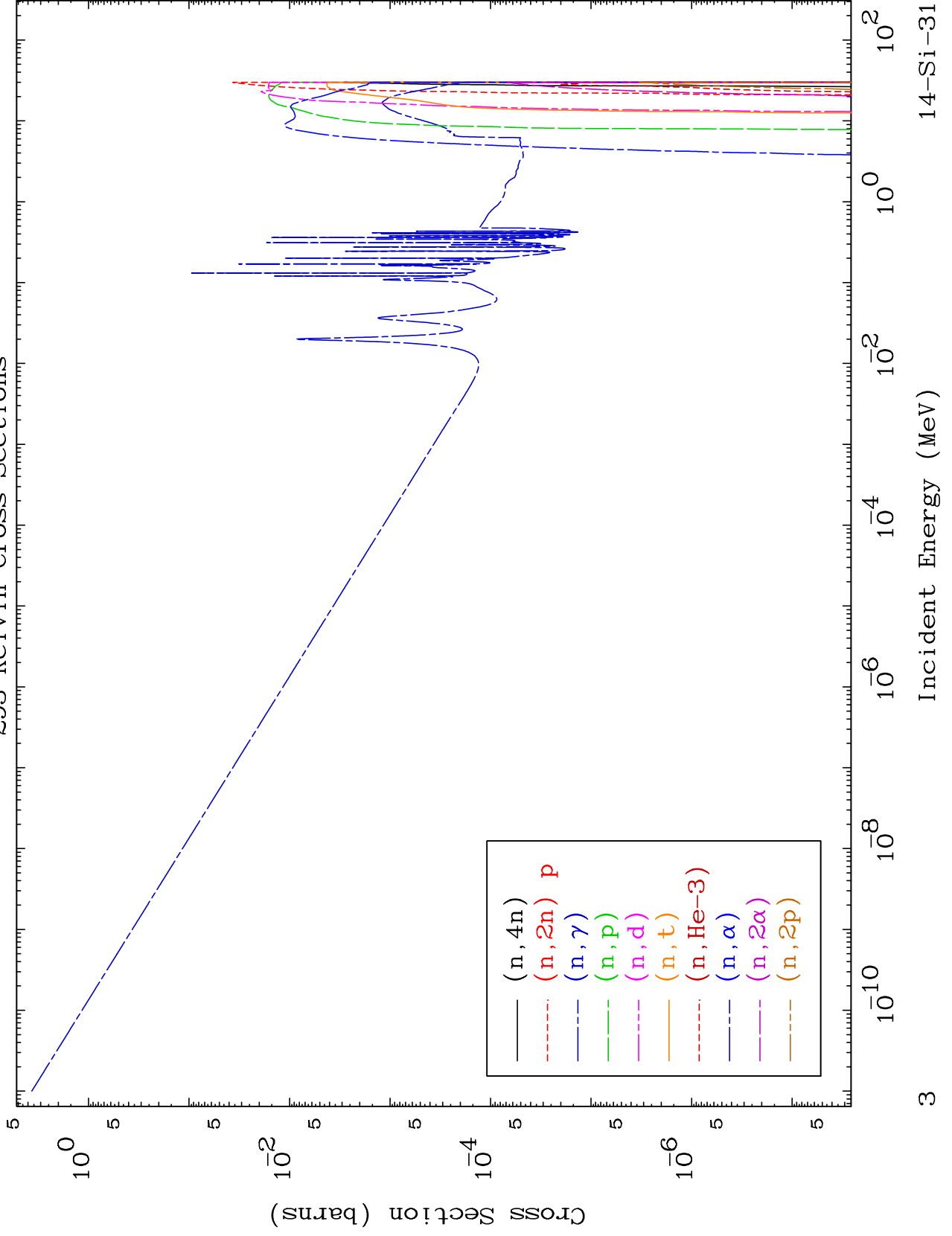
Incident Energy (MeV)

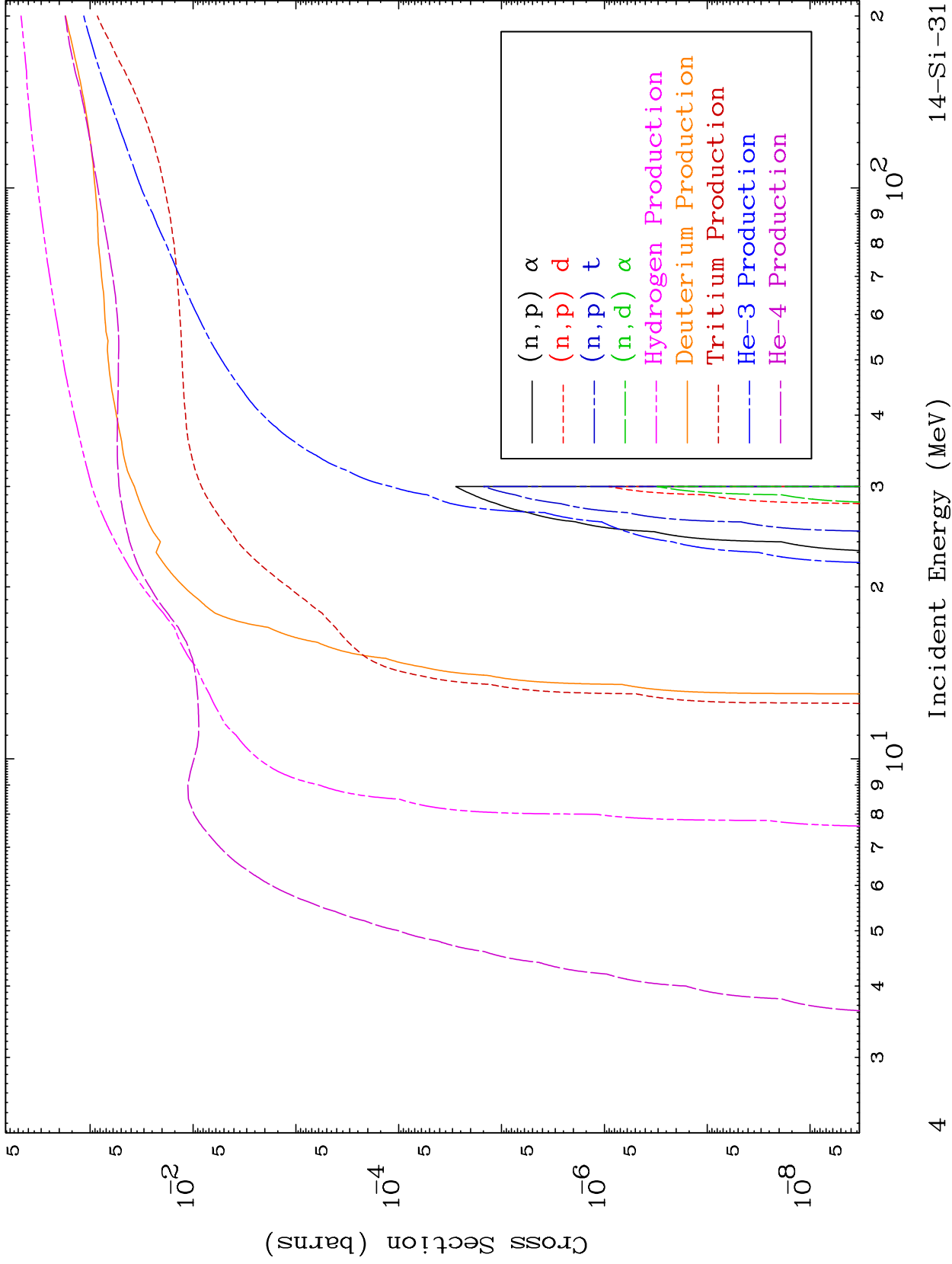
14-Si-31

MAT 1434

Neutron Absorption
293 Kelvin Cross Sections

14-Si-31

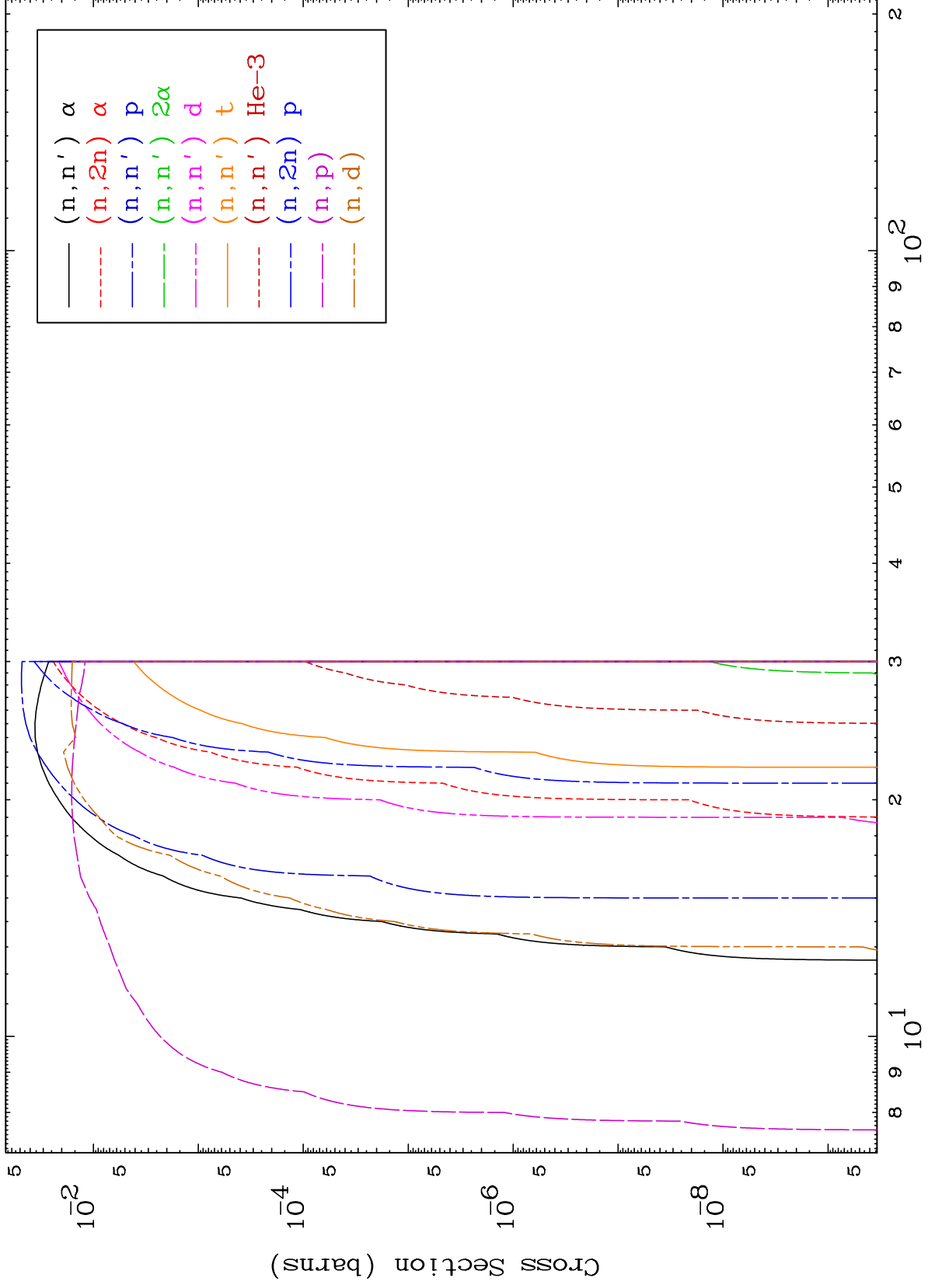




MAT 1434

Charged Particle
293 Kelvin Cross Sections

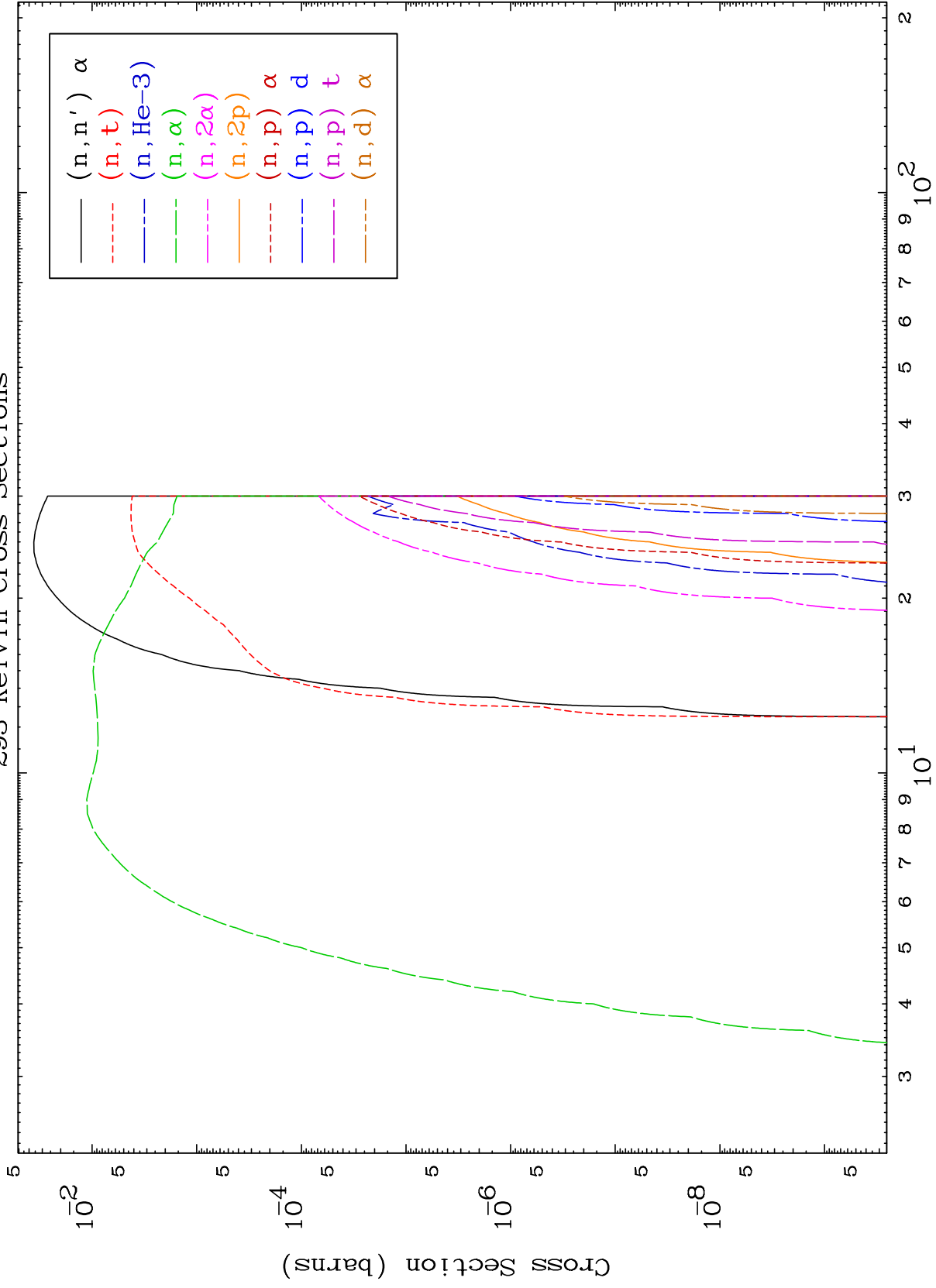
14-Si-31



5

Incident Energy (MeV)

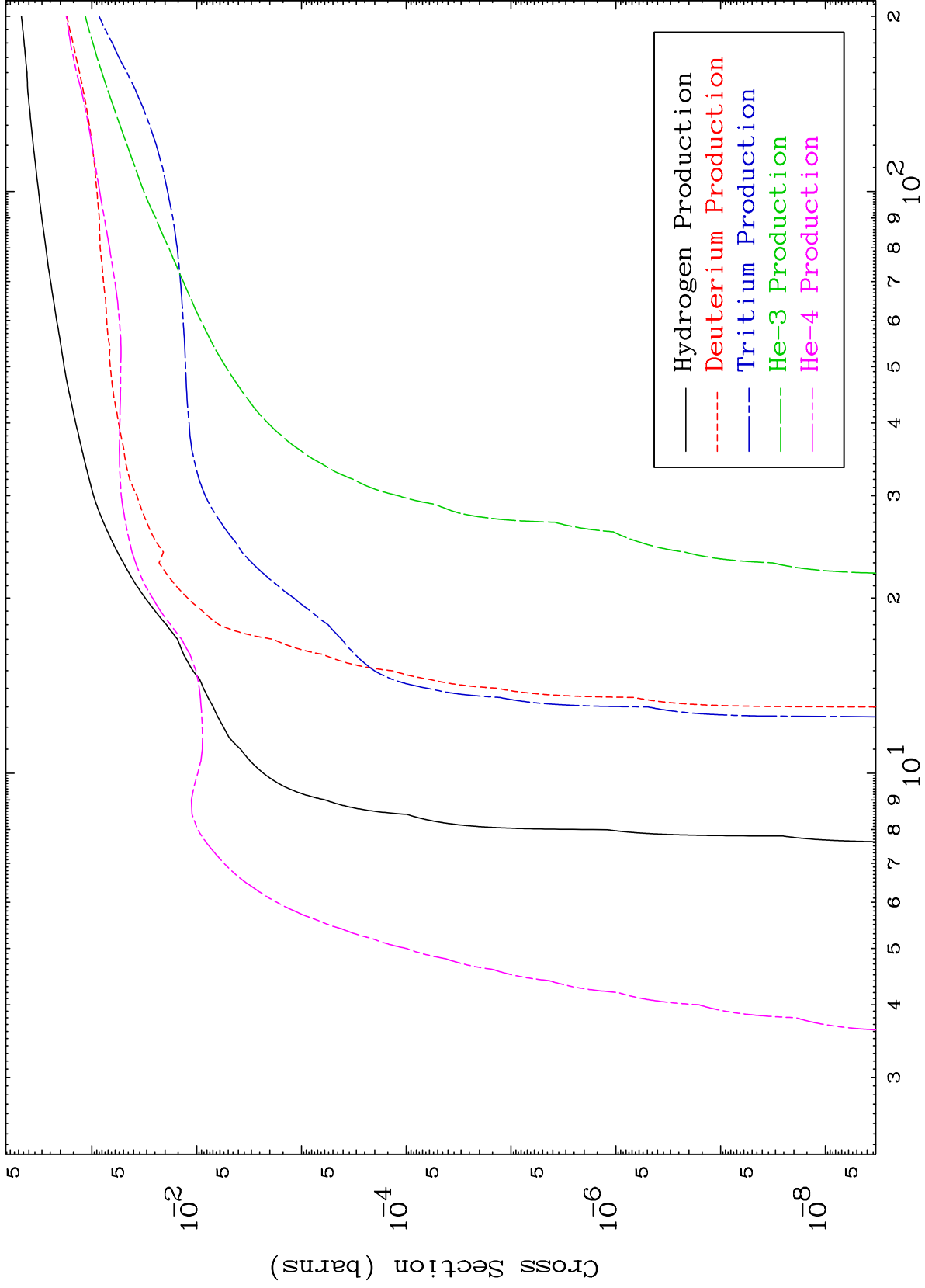
14-Si-31



MAT 1434

Particle Production
293 Kelvin Cross Sections

14-Si-31

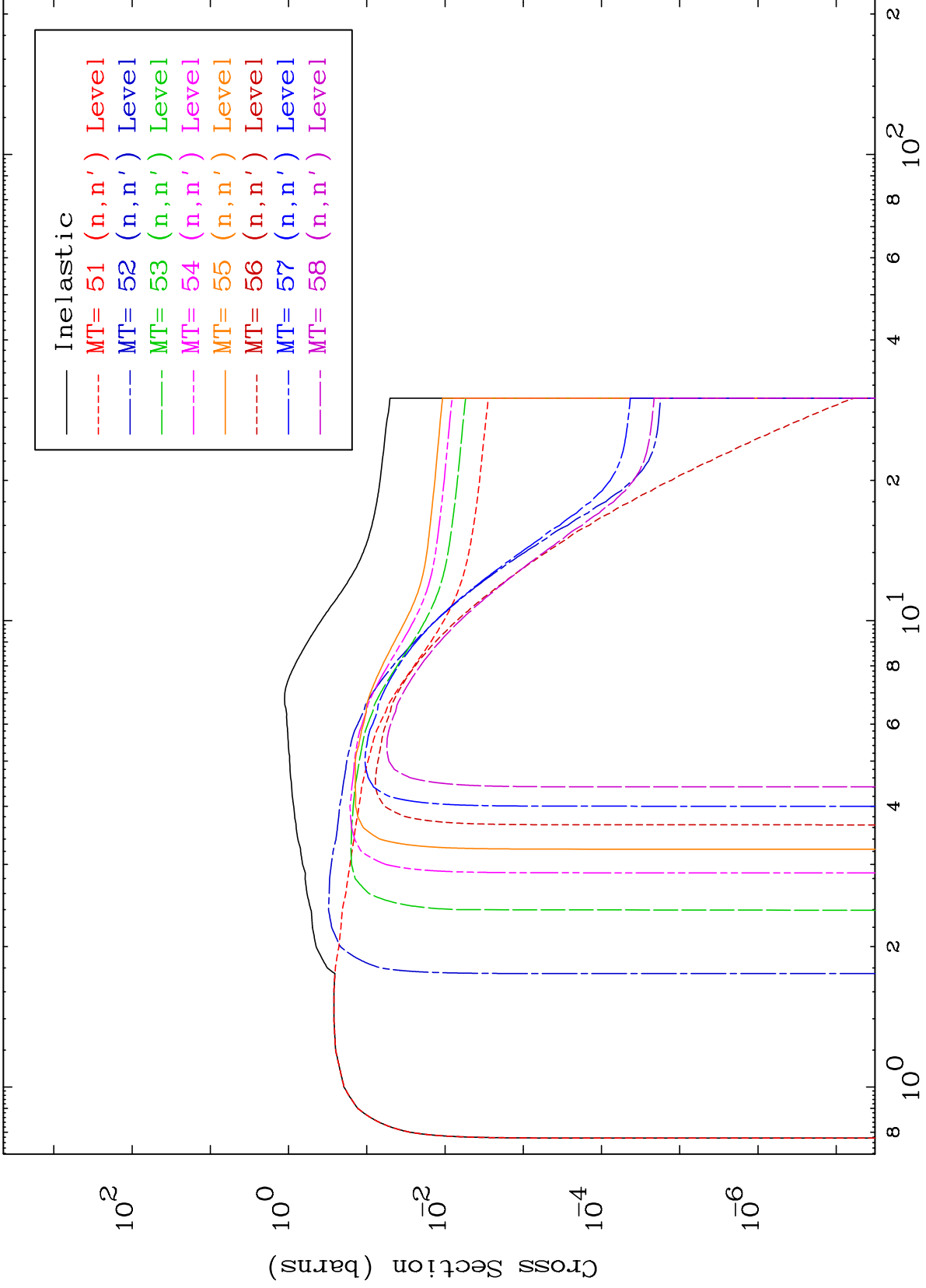


MAT 1434

(n,n') Levels

14-Si-31

293 Kelvin Cross Sections



8

Incident Energy (MeV)

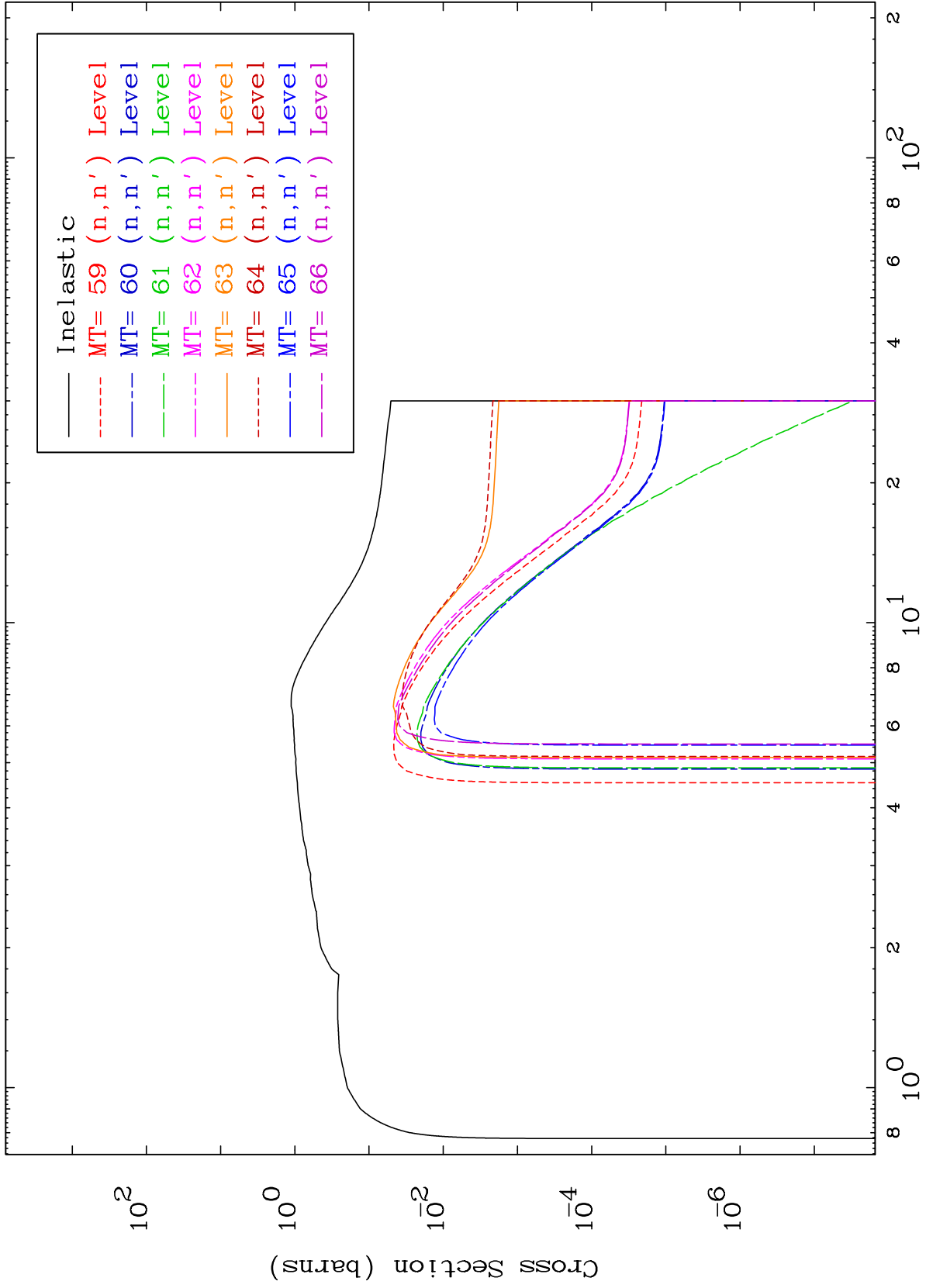
14-Si-31

MAT 1434

(n,n') Levels

14-Si-31

293 Kelvin Cross Sections



9

Incident Energy (MeV)

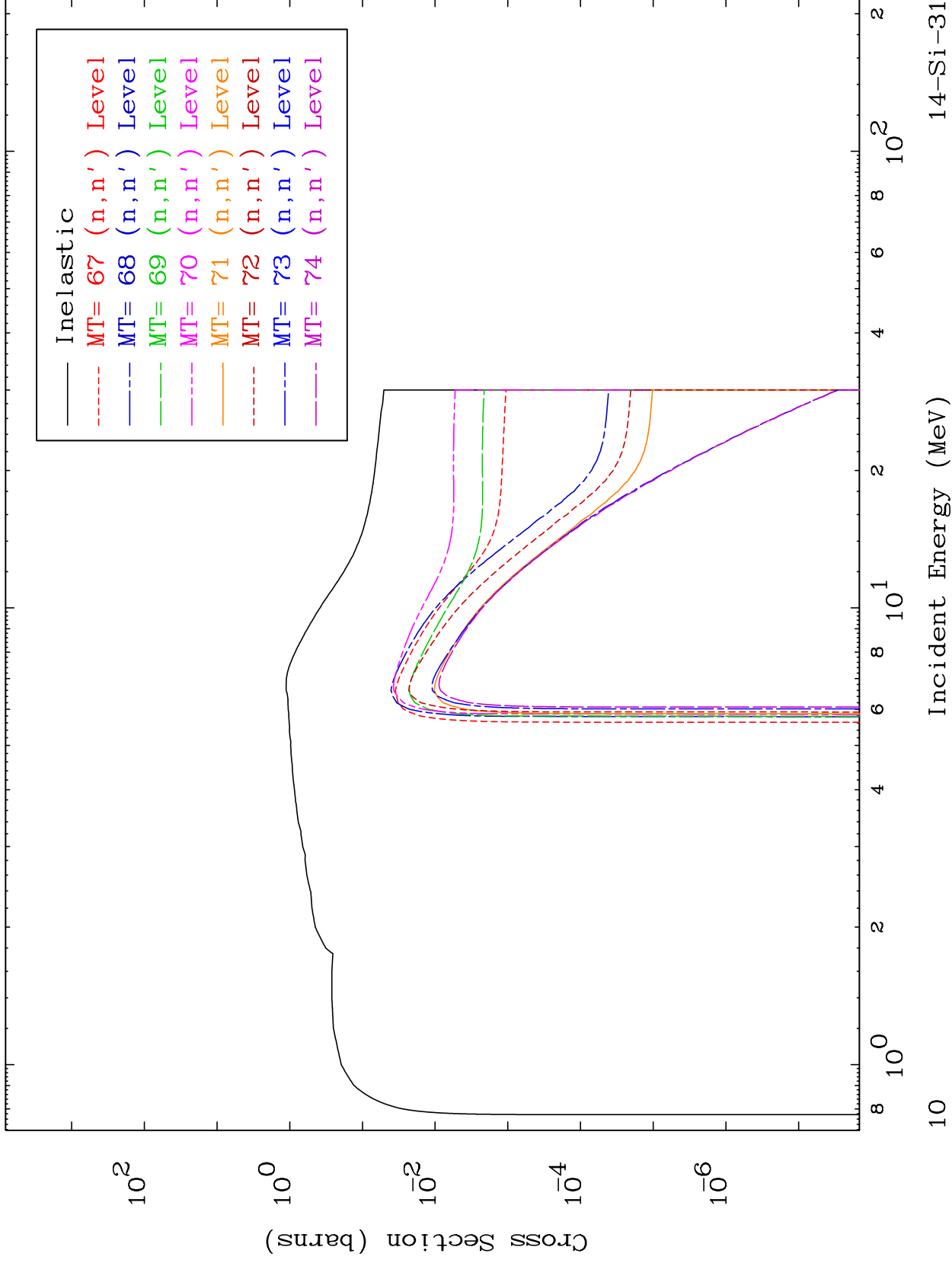
14-Si-31

MAT 1434

(n,n') Levels

14-Si-31

293 Kelvin Cross Sections



14-Si-31

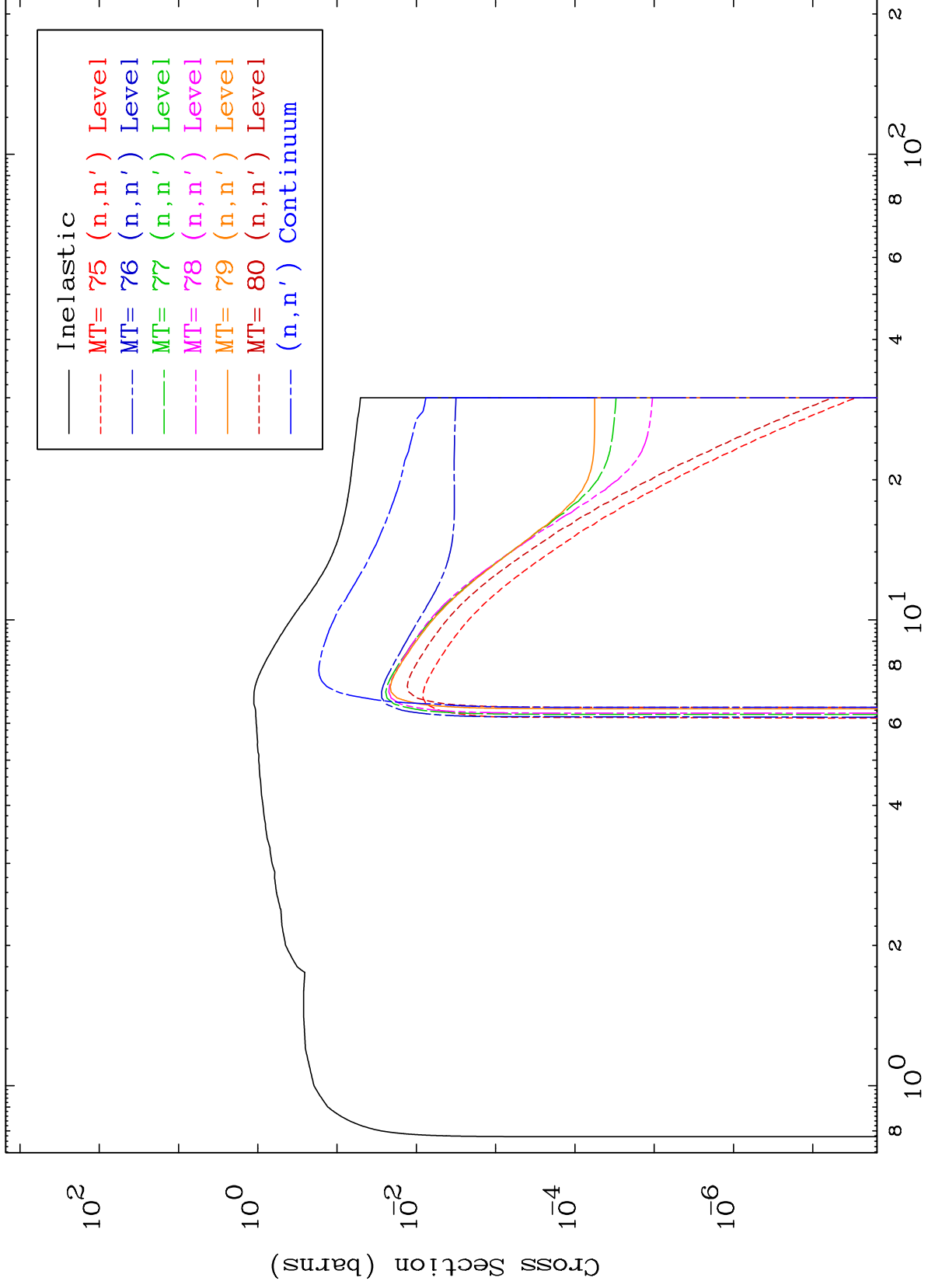
Incident Energy (MeV)

10

MAT 1434

(n,n') Levels
293 Kelvin Cross Sections

14-Si-31



11

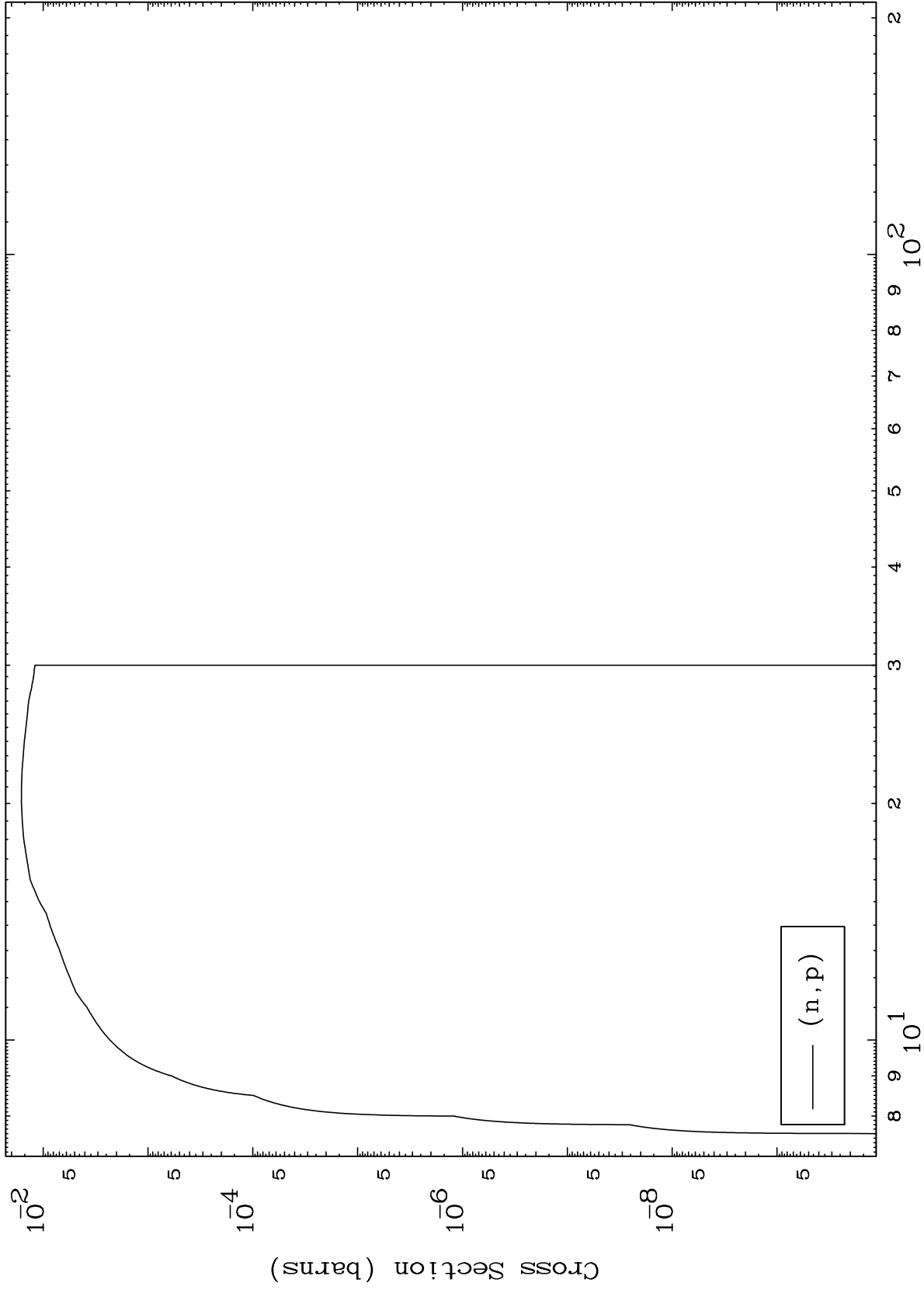
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,p) Levels
293 Kelvin Cross Sections

14-Si-31



12

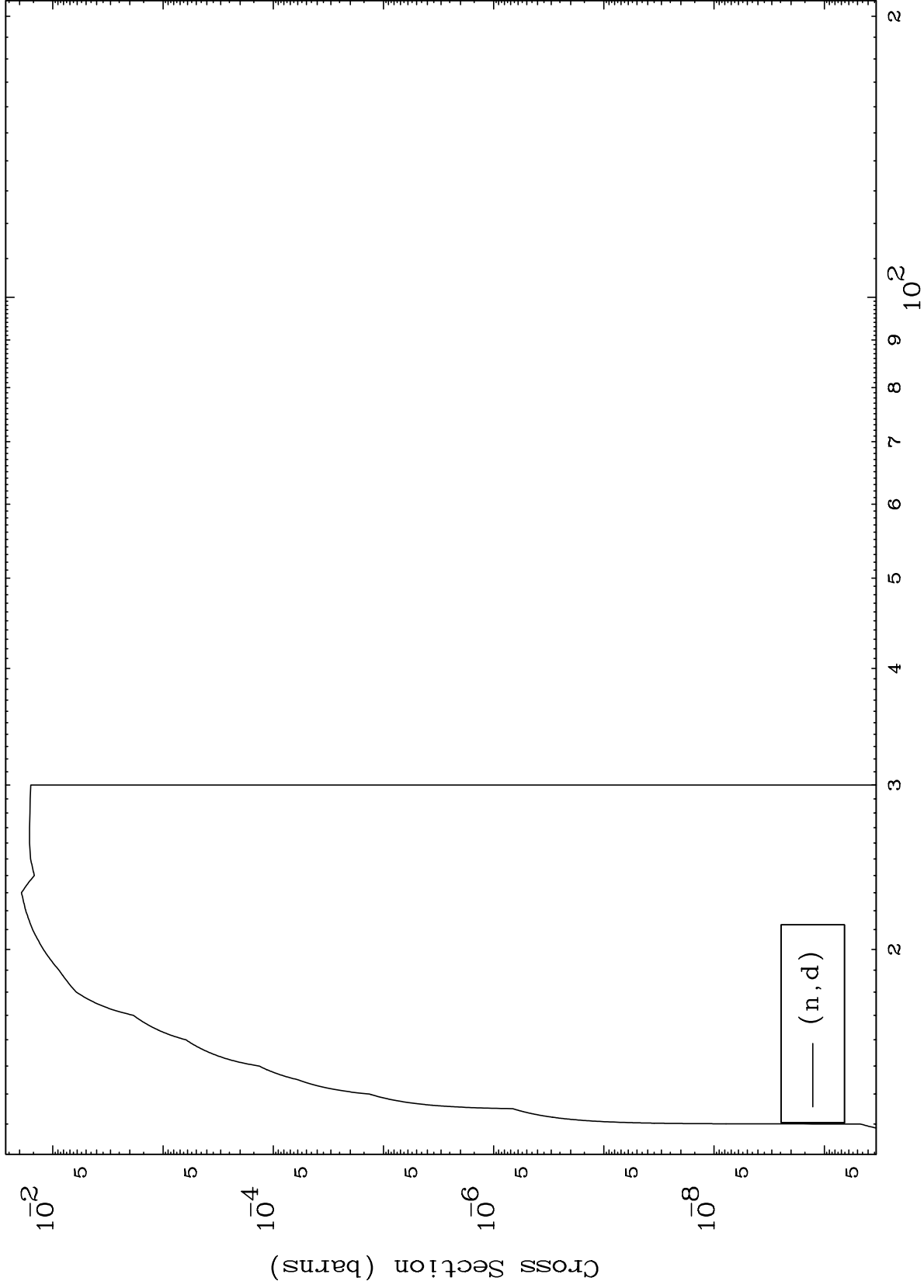
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,d) Levels
293 Kelvin Cross Sections

14-Si-31



13

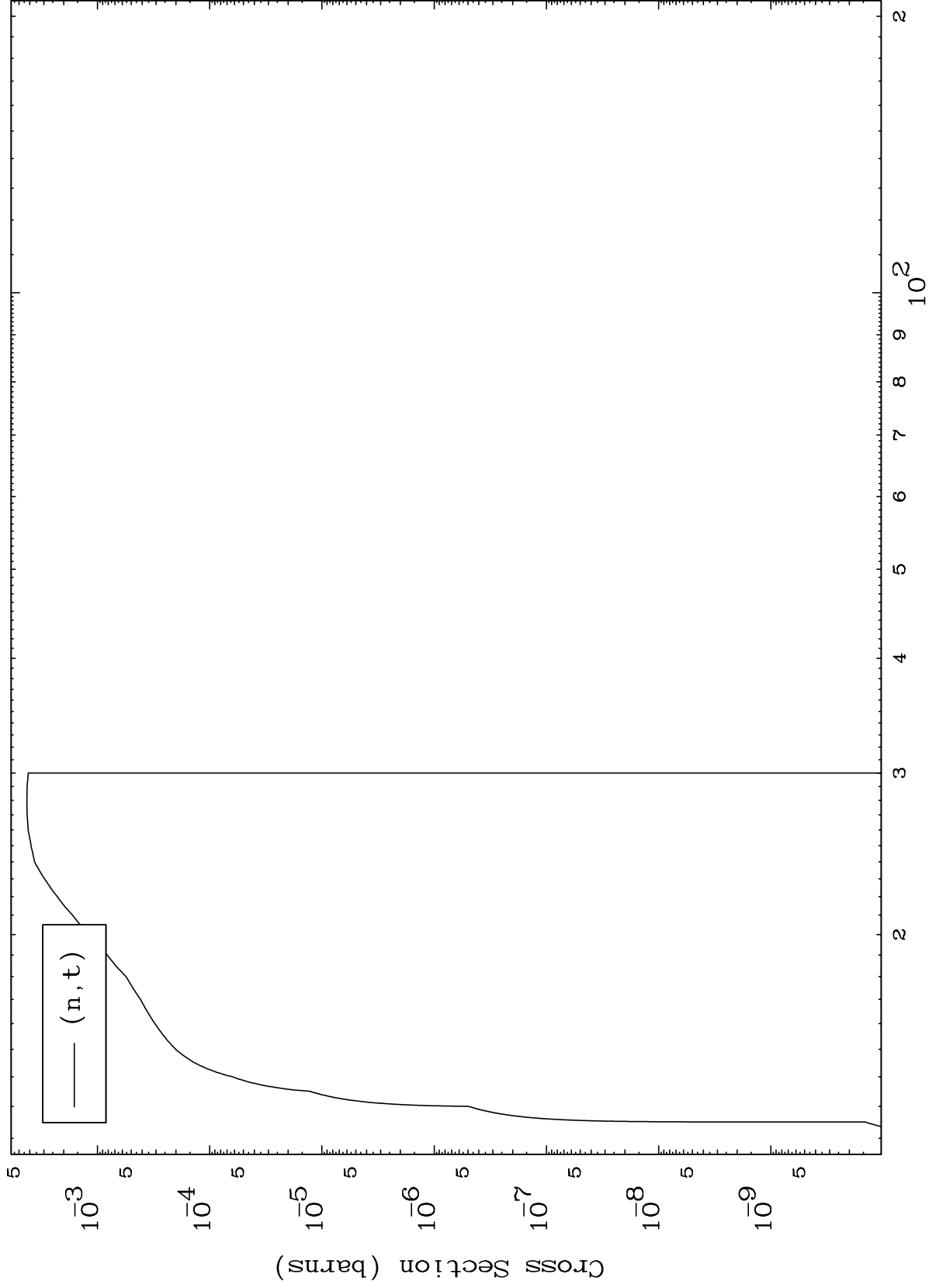
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,t) Levels
293 Kelvin Cross Sections

14-Si-31



14

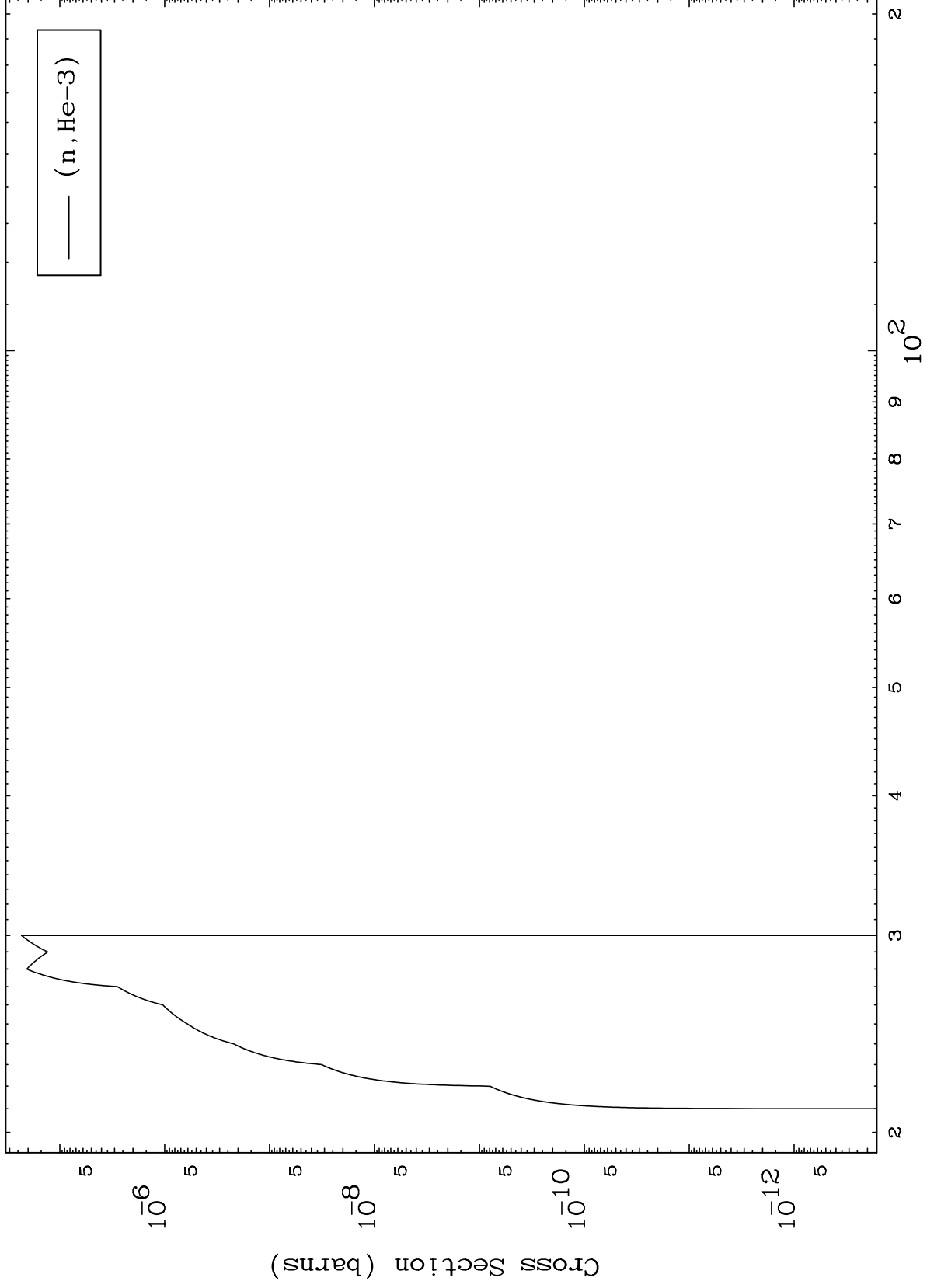
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-31



15

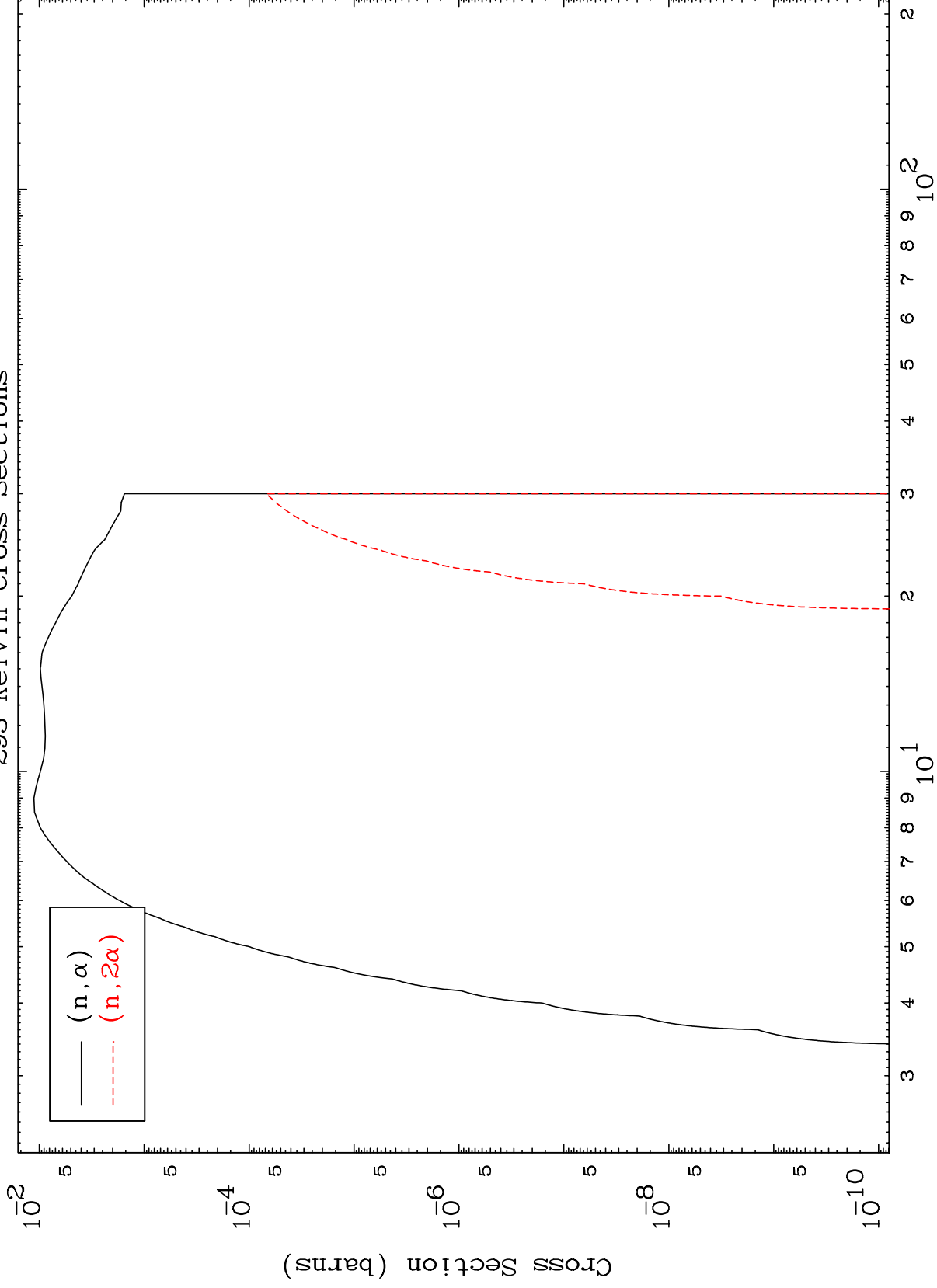
Incident Energy (MeV)

14-Si-31

MAT 1434

(n, α) Levels
293 Kelvin Cross Sections

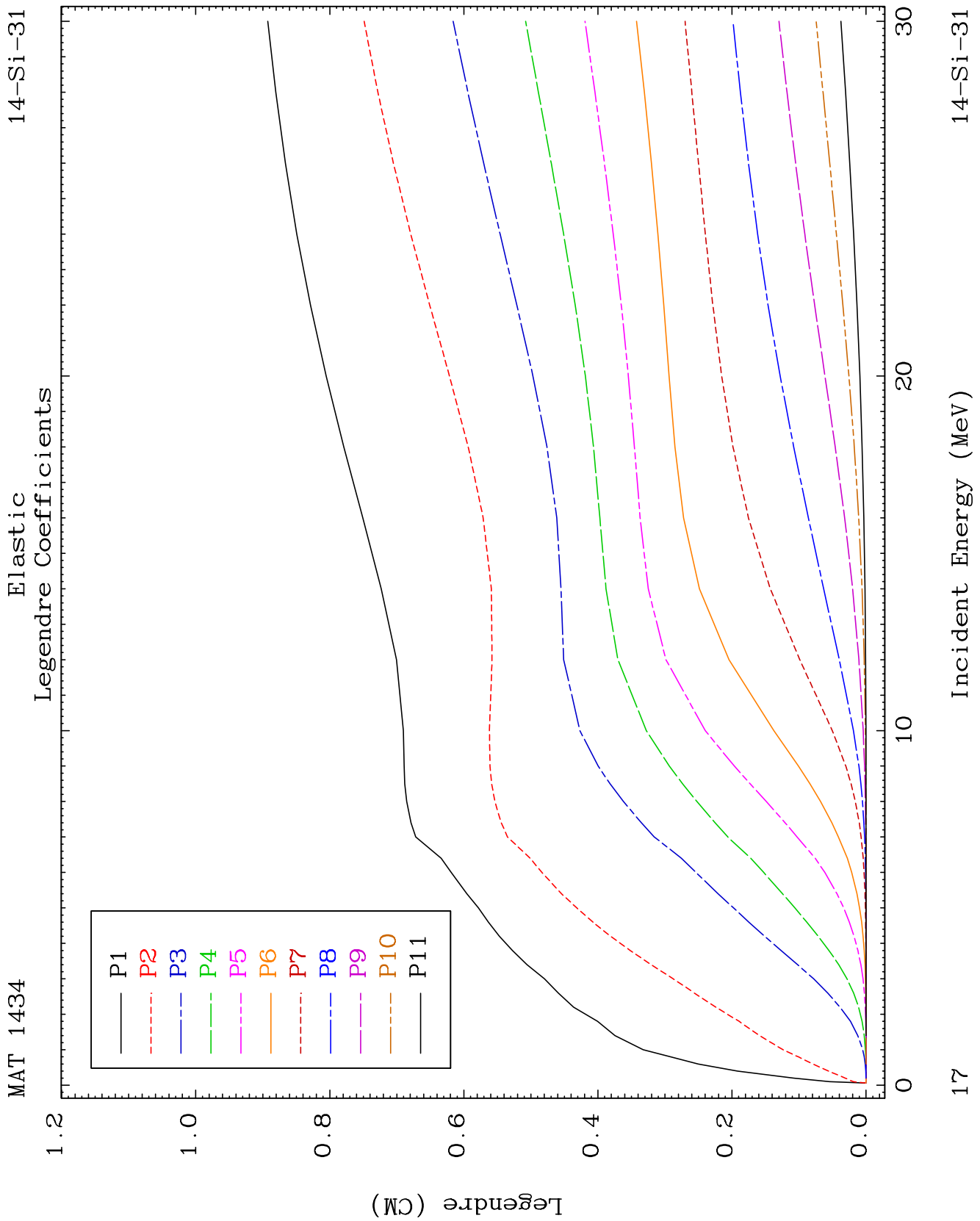
¹⁴Si-31



16

Incident Energy (MeV)

¹⁴Si-31



MAT 1434

14-Si-31

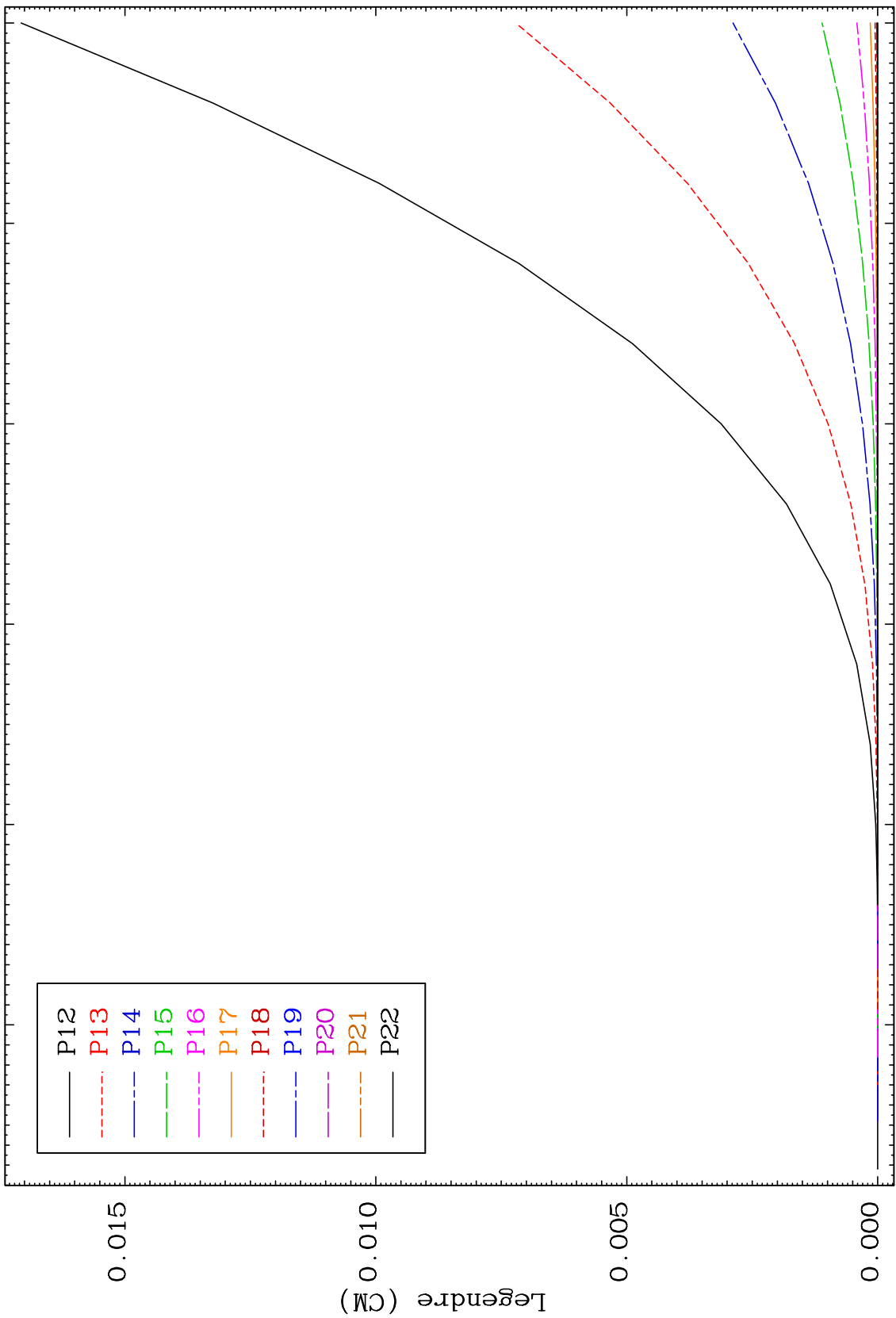
17

14-Si-31

MAT 1434

Elastic
Legendre Coefficients

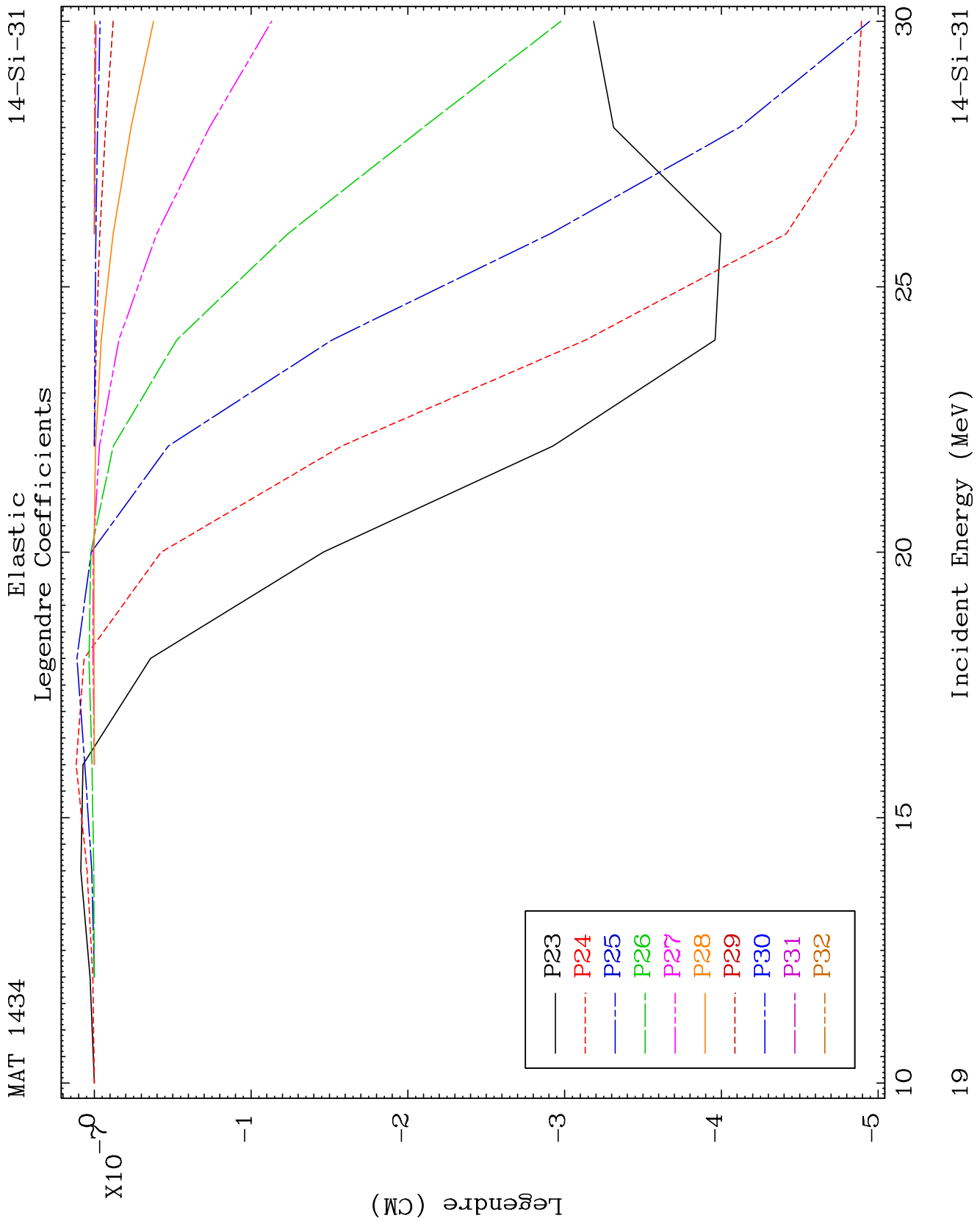
14-Si-31



18

14-Si-31

Incident Energy (MeV)



MAT 1434

14-Si-31

$\times 10^{-10}$

10

15

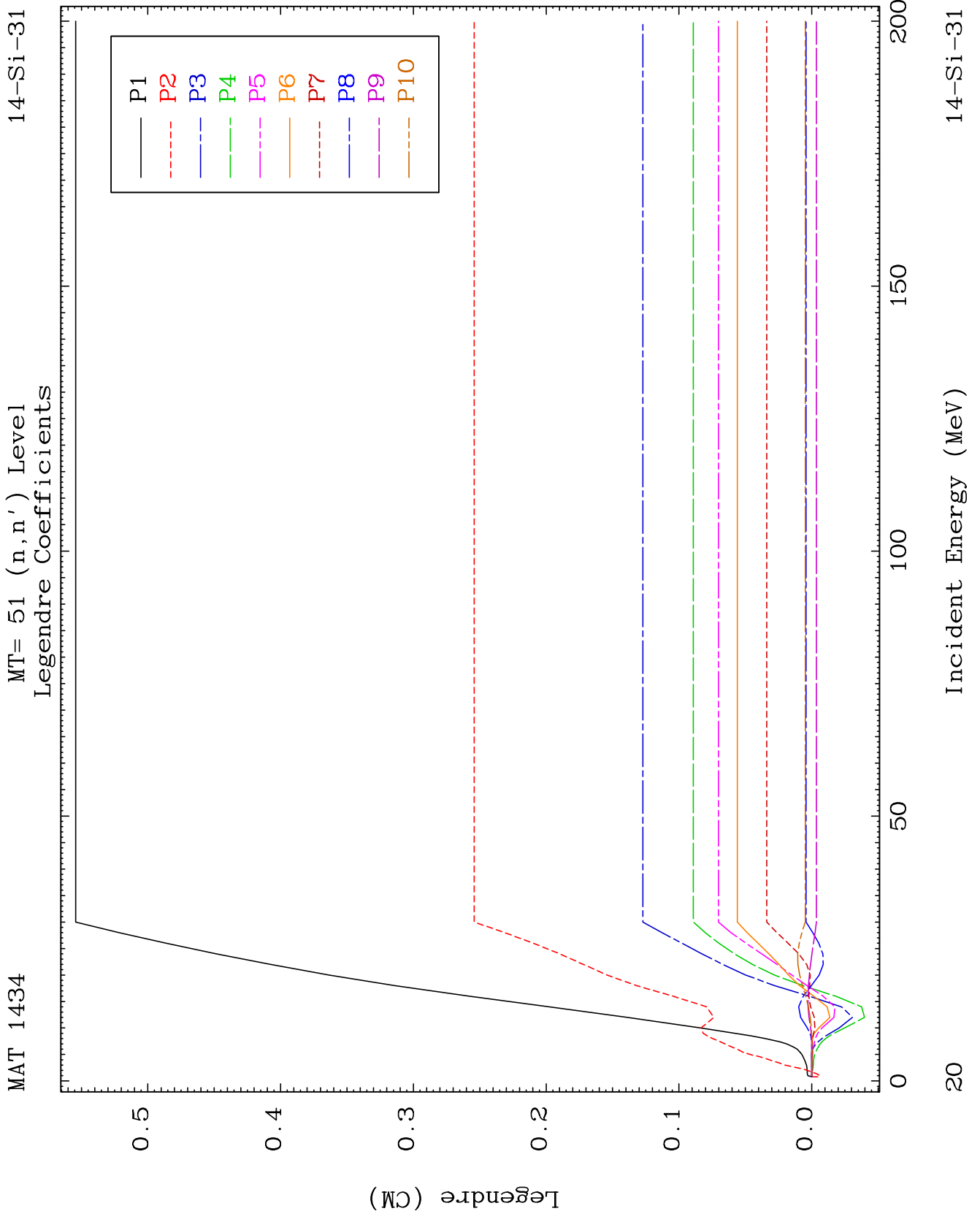
20

25

30

14-Si-31

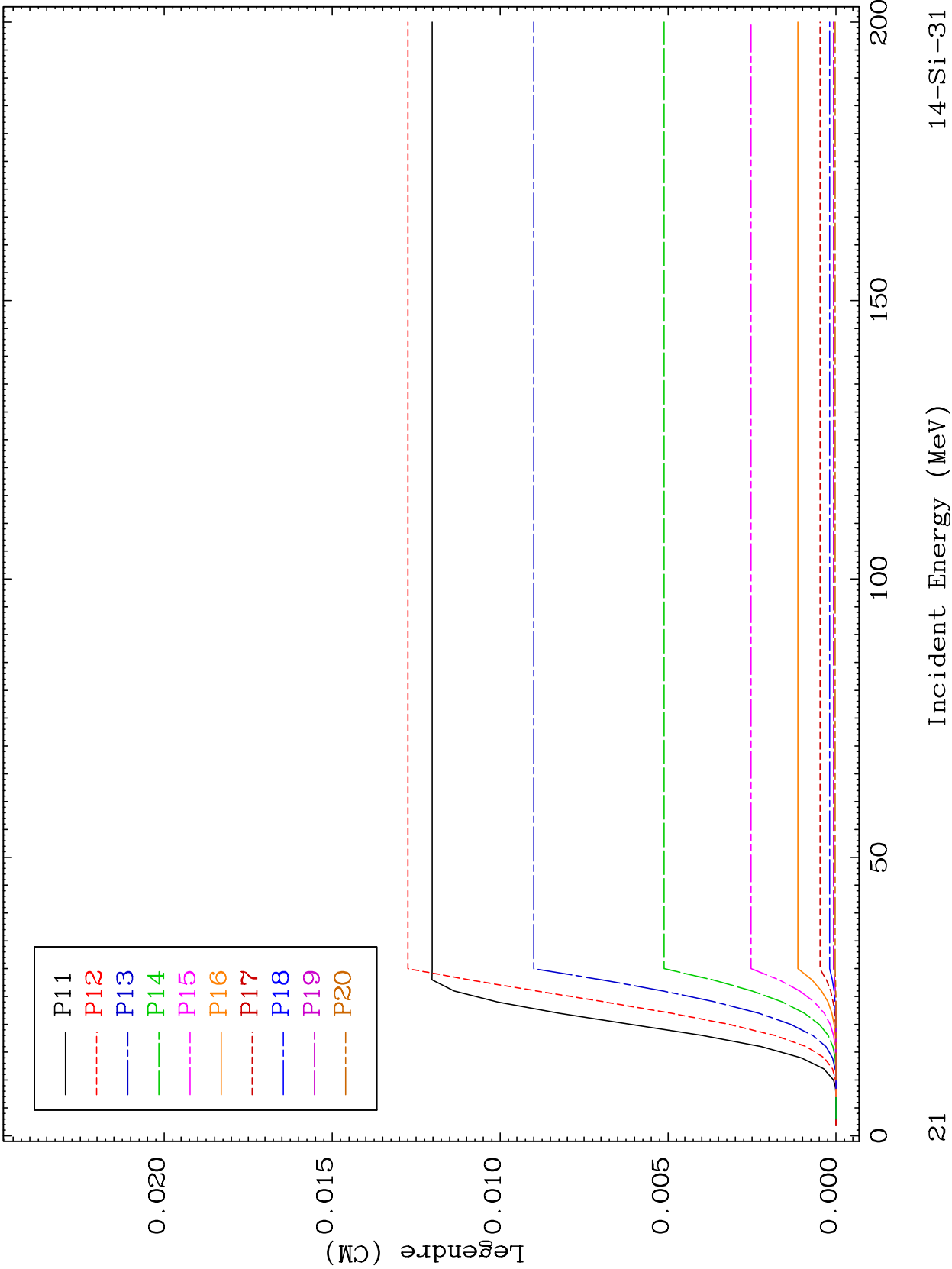
19



MAT 1434

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

14-Si-31

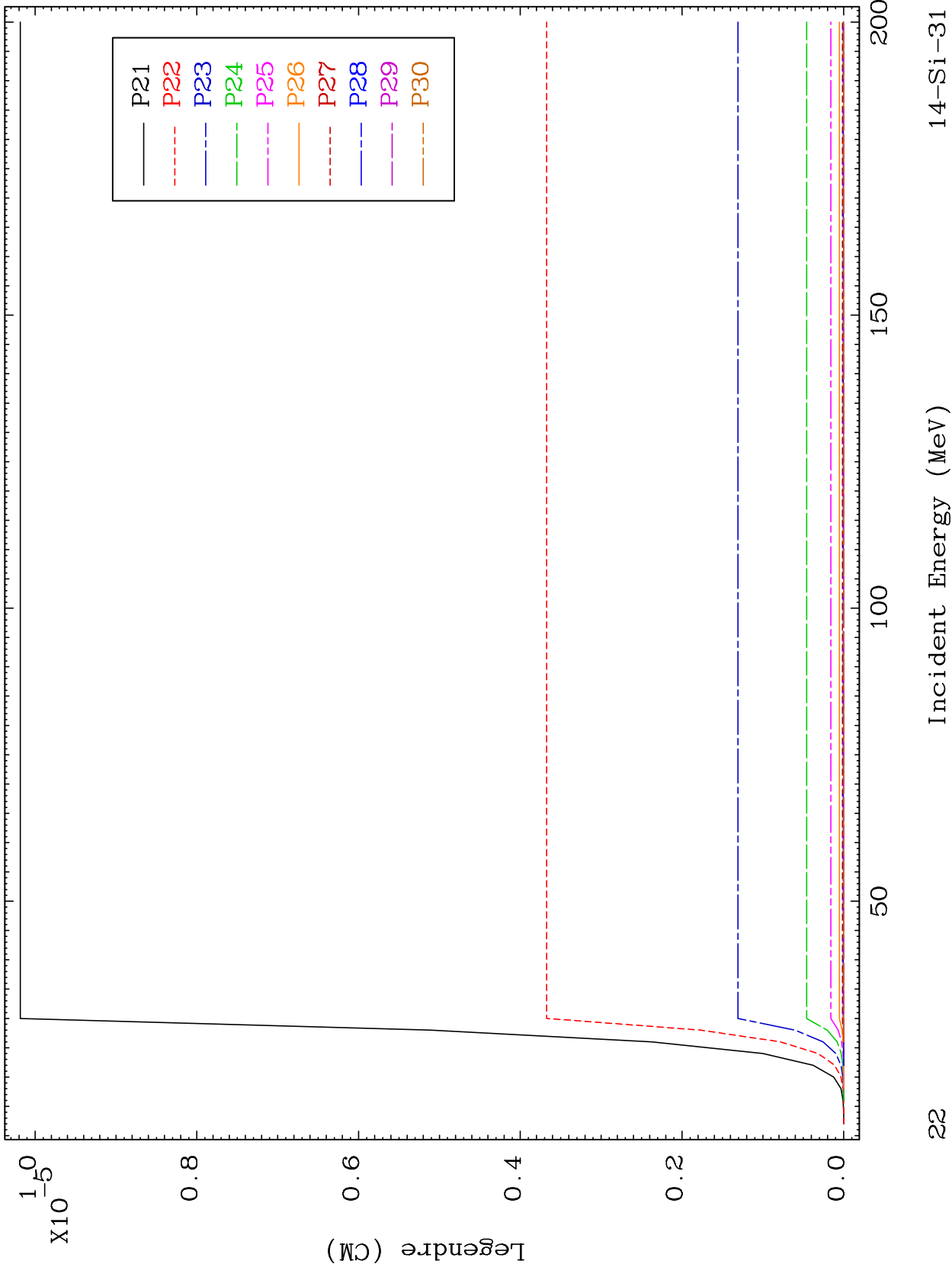


21

MAT 1434

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

14-Si-31

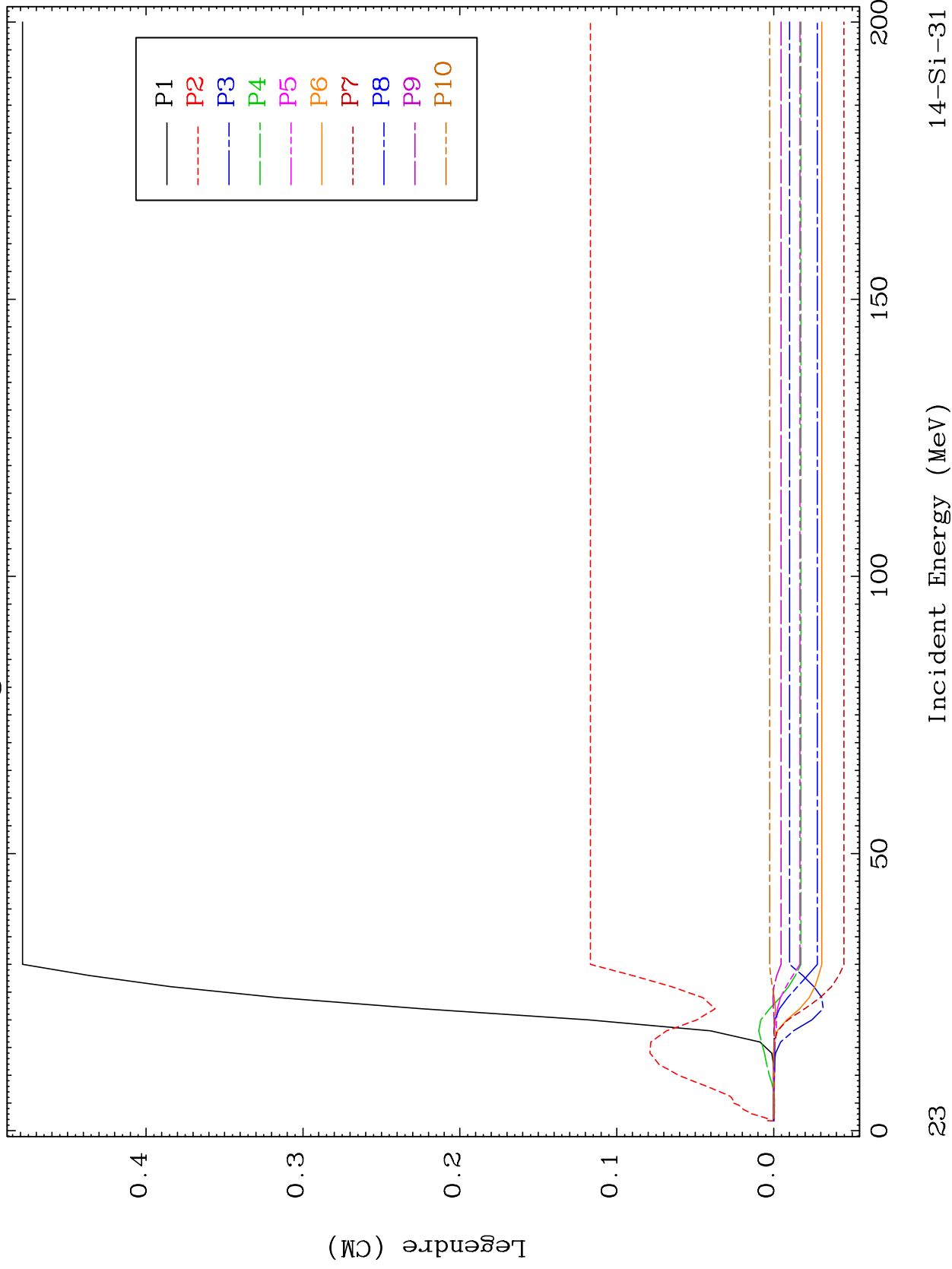


22

MAT 1434

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

14-Si-31



23

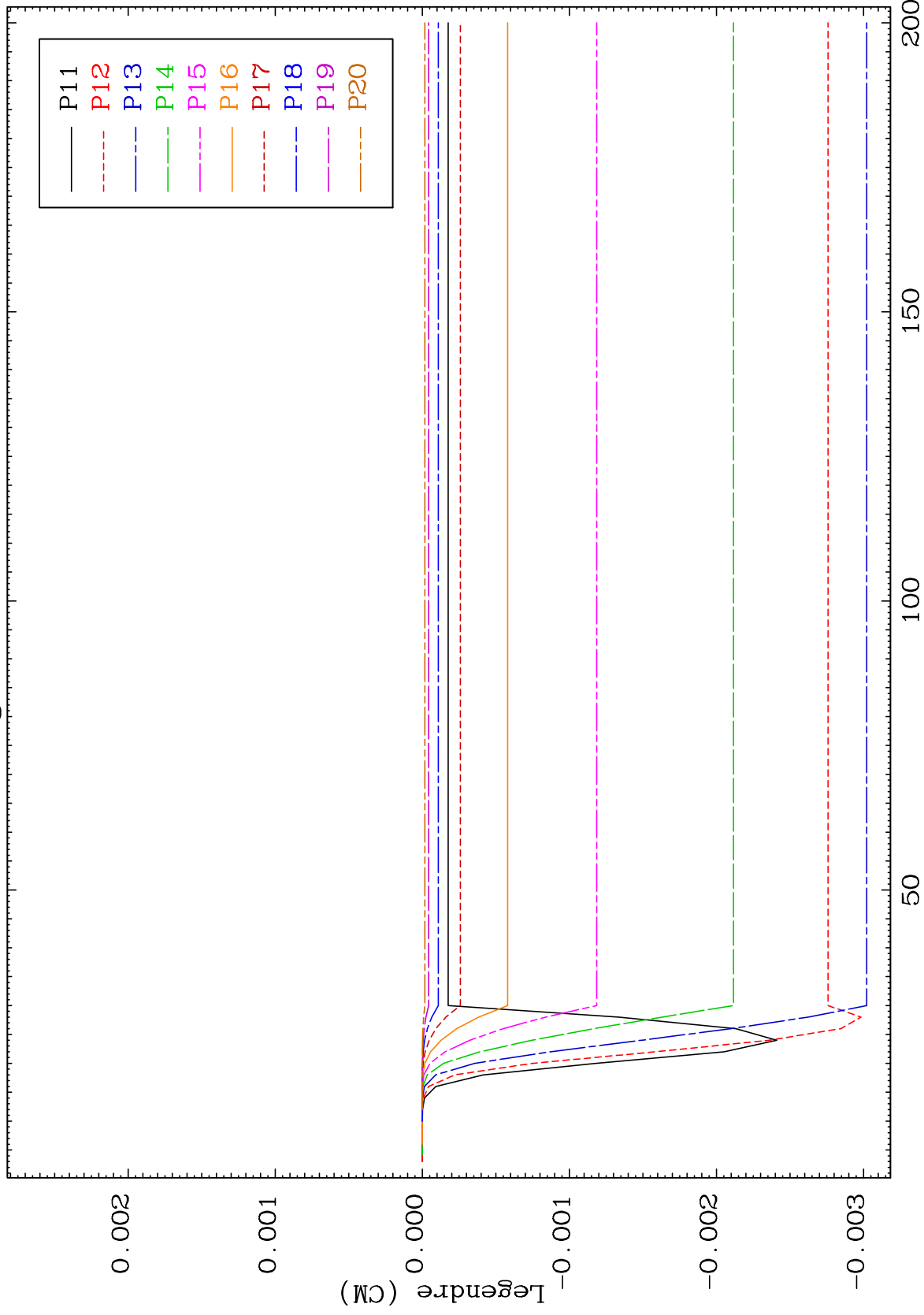
Incident Energy (MeV)

14-Si-31

MAT 1434

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

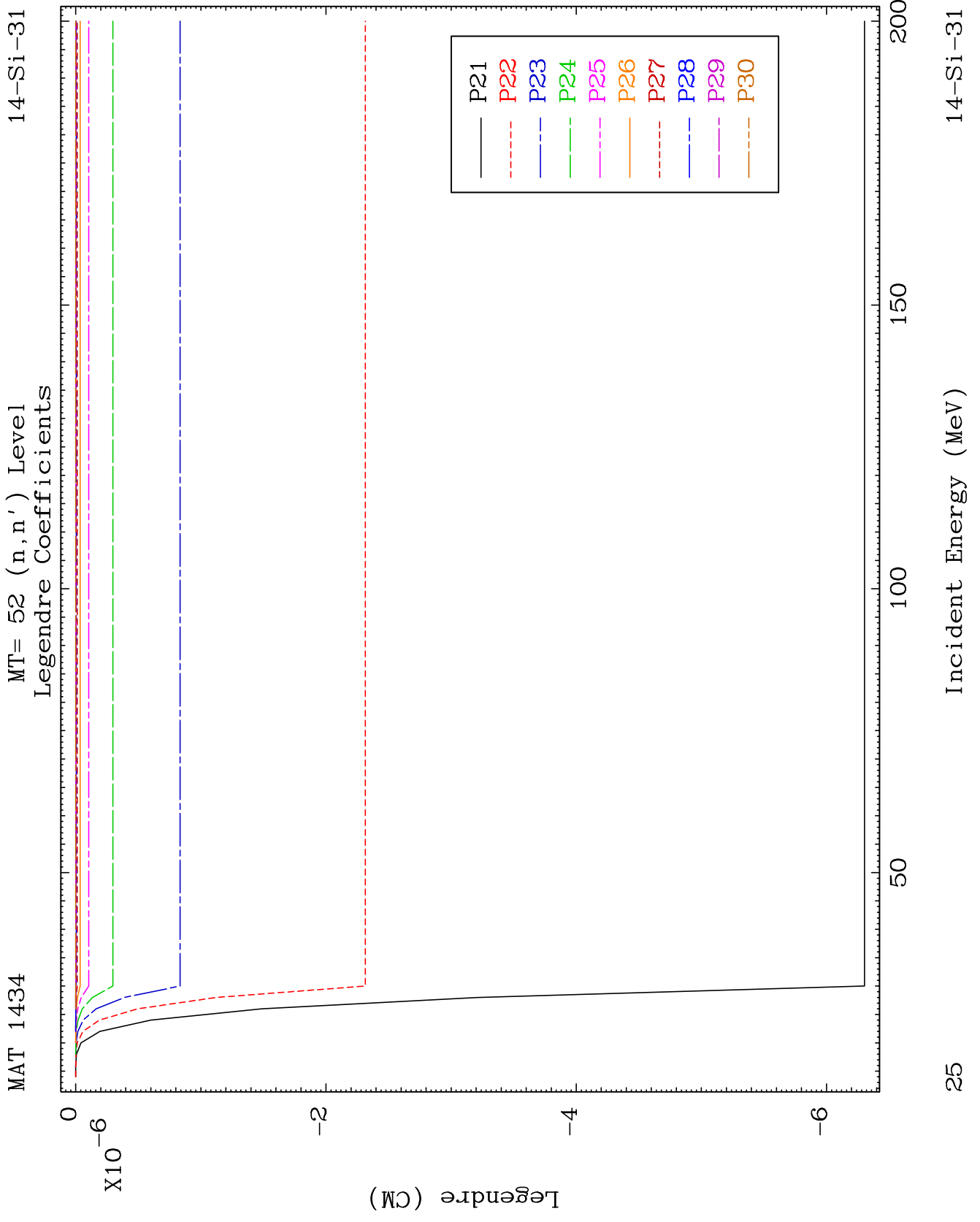
14-Si-31



24

Incident Energy (MeV)

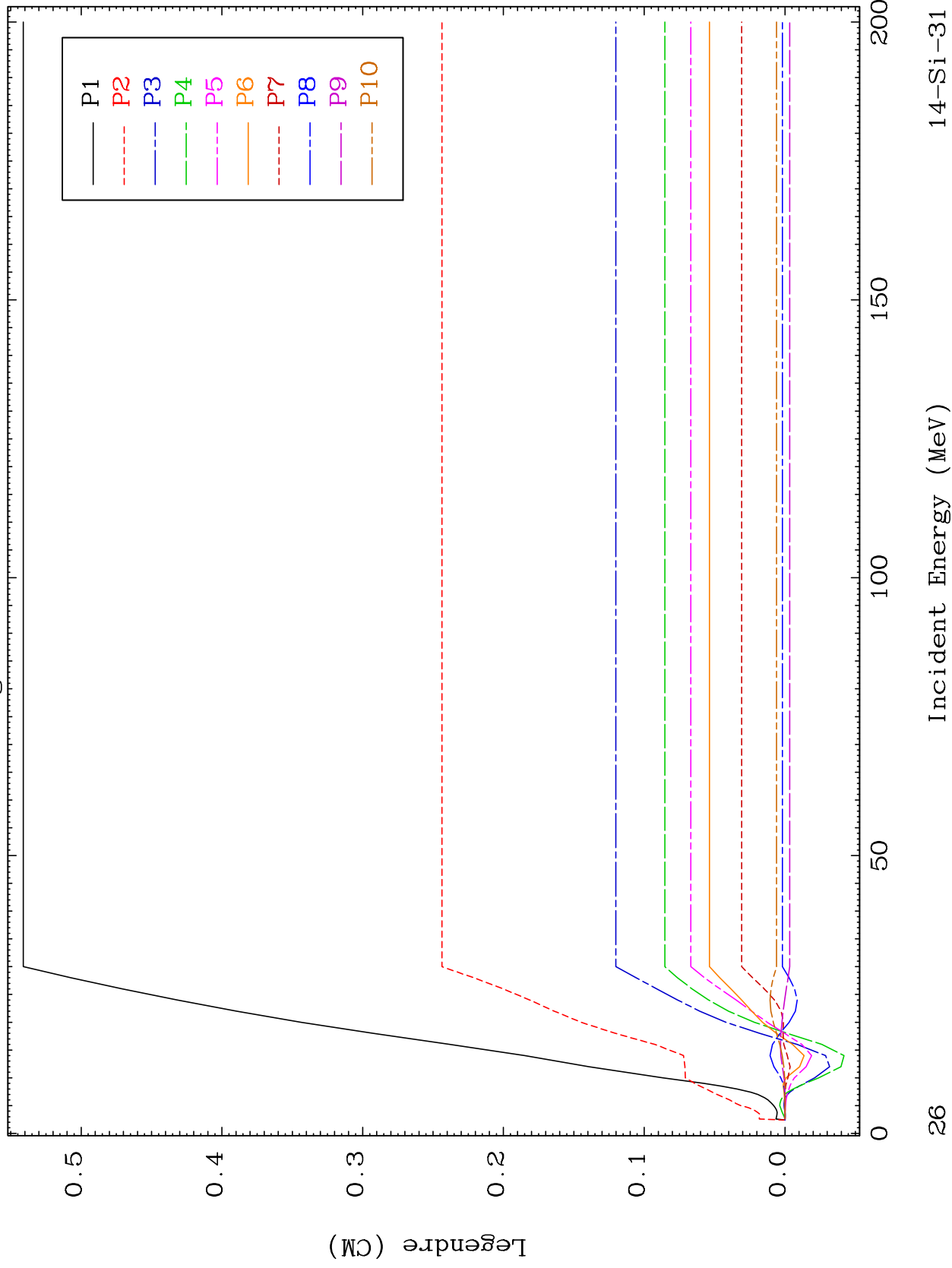
14-Si-31



MAT 1434

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

14-Si-31



26

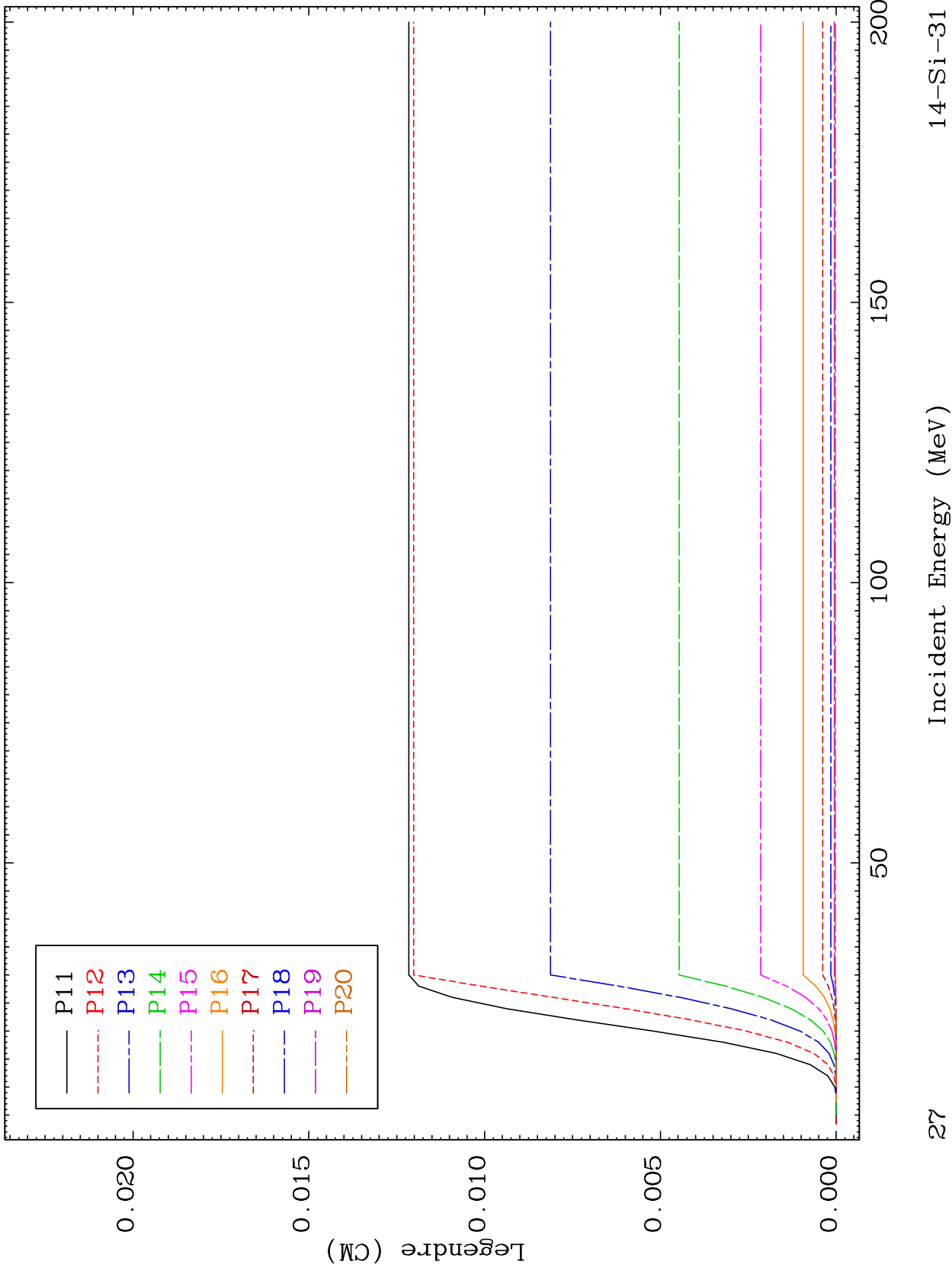
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



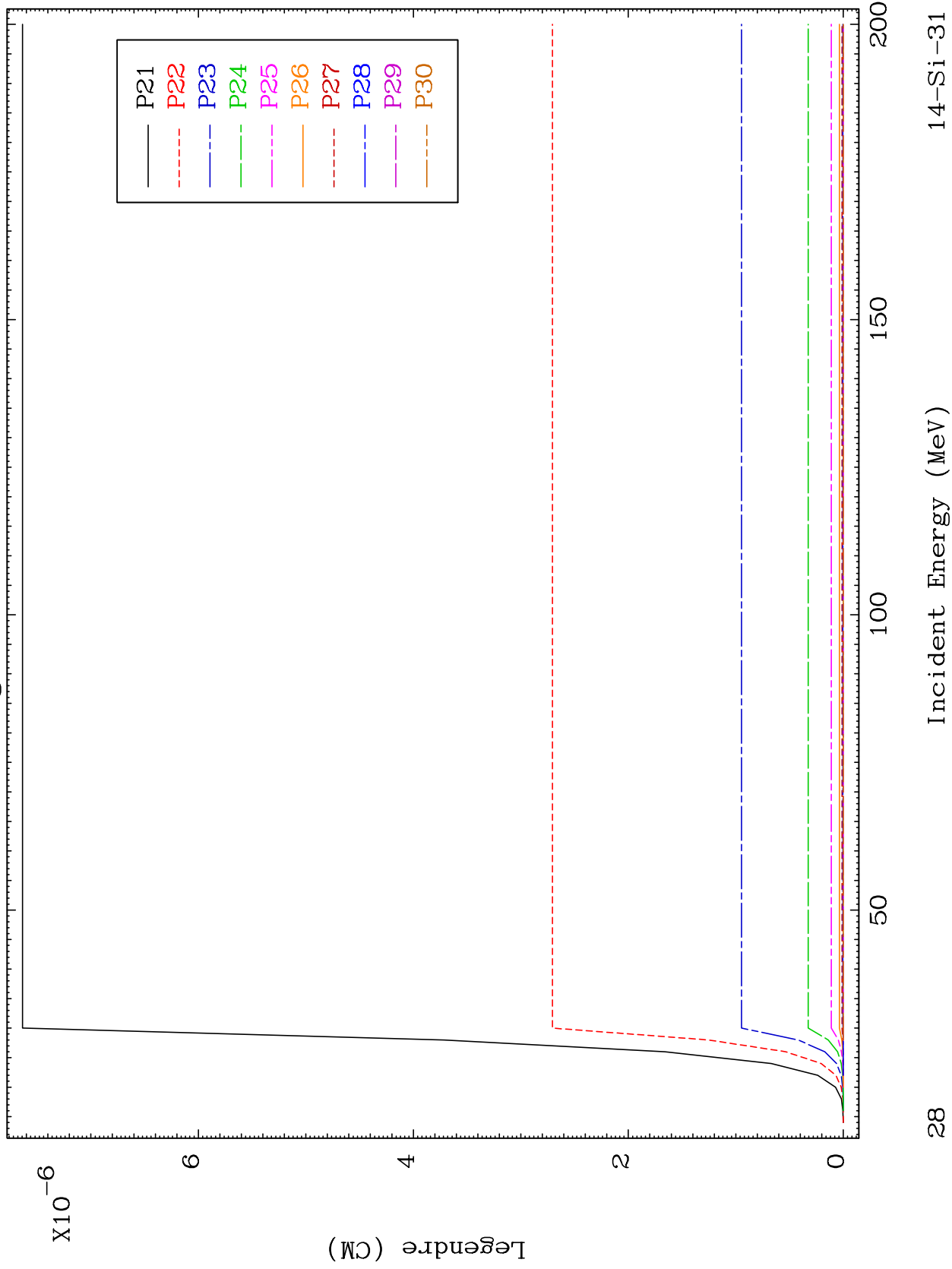
27

14-Si-31

MAT 1434

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

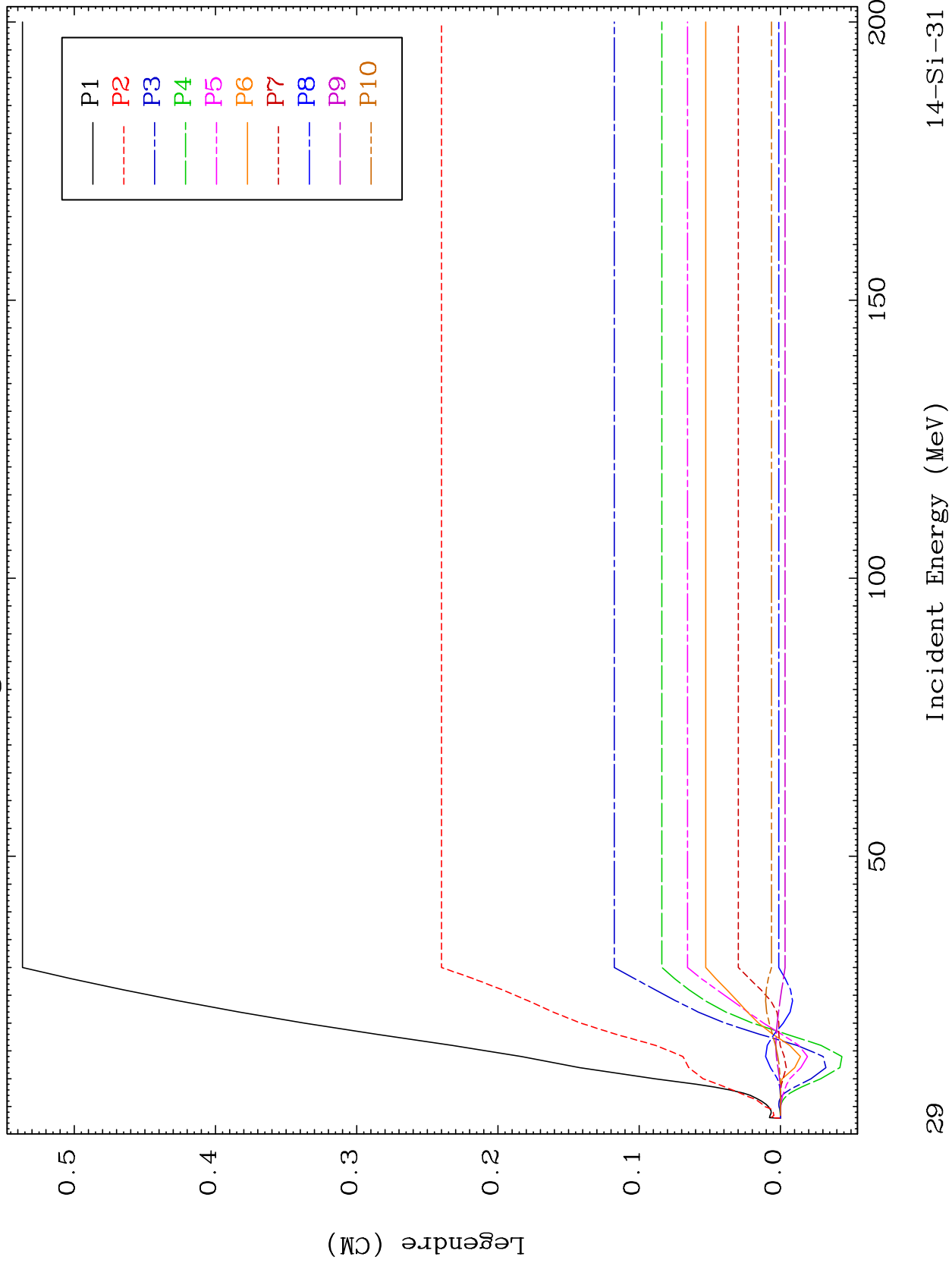
14-Si-31



MAT 1434

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

14-Si-31



29

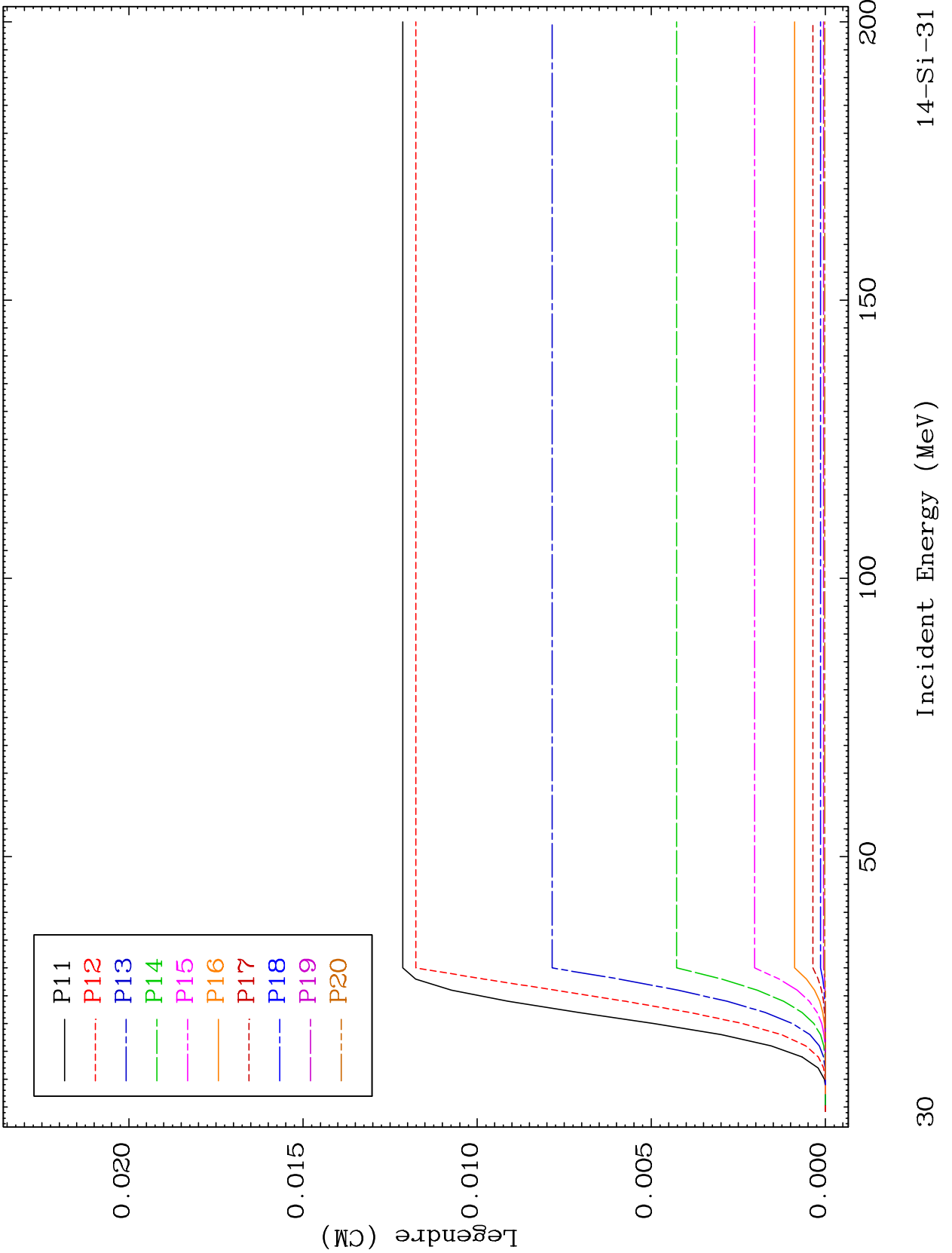
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



30

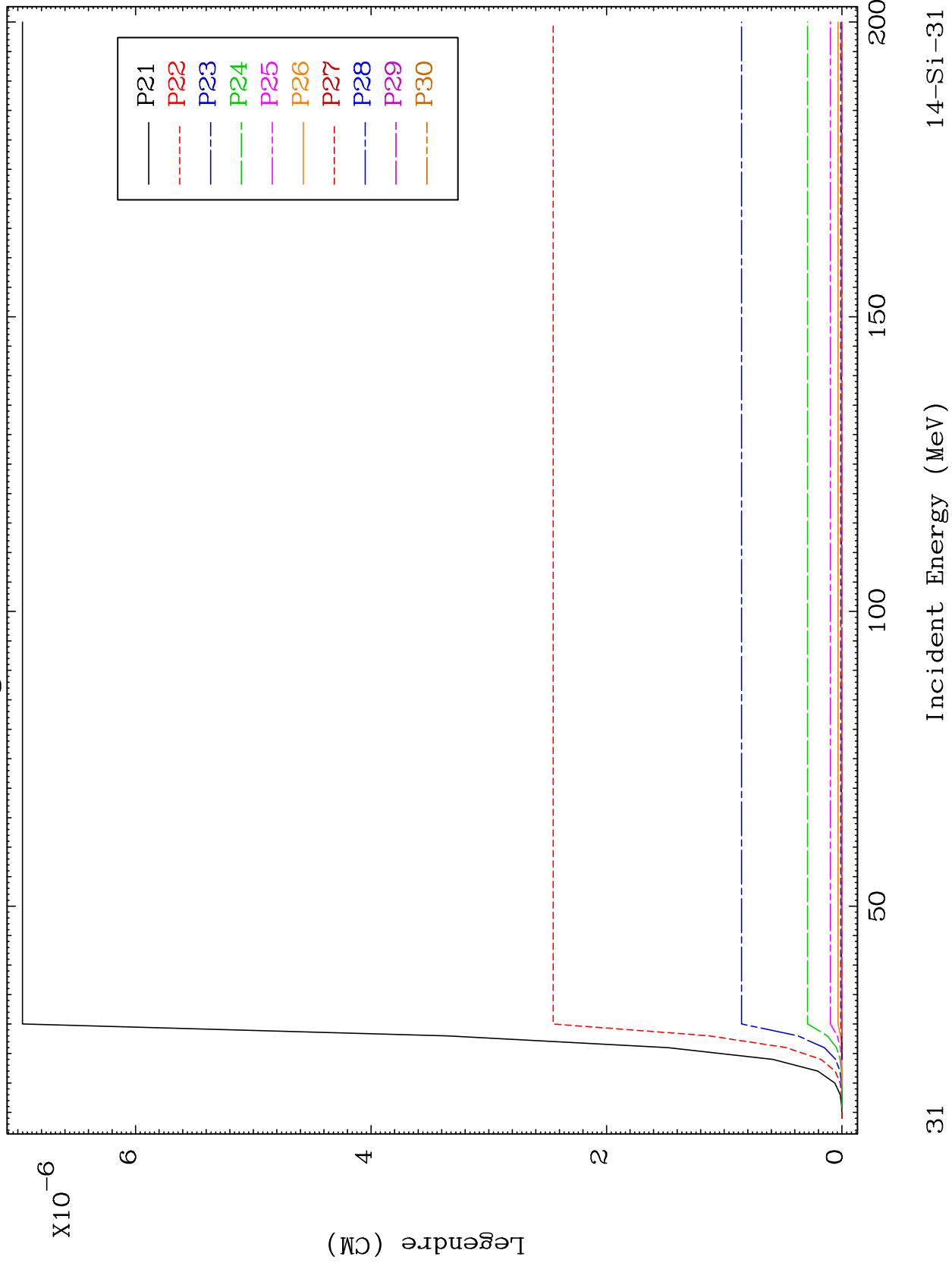
Incident Energy (MeV)

14-Si-31

MAT 1434

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

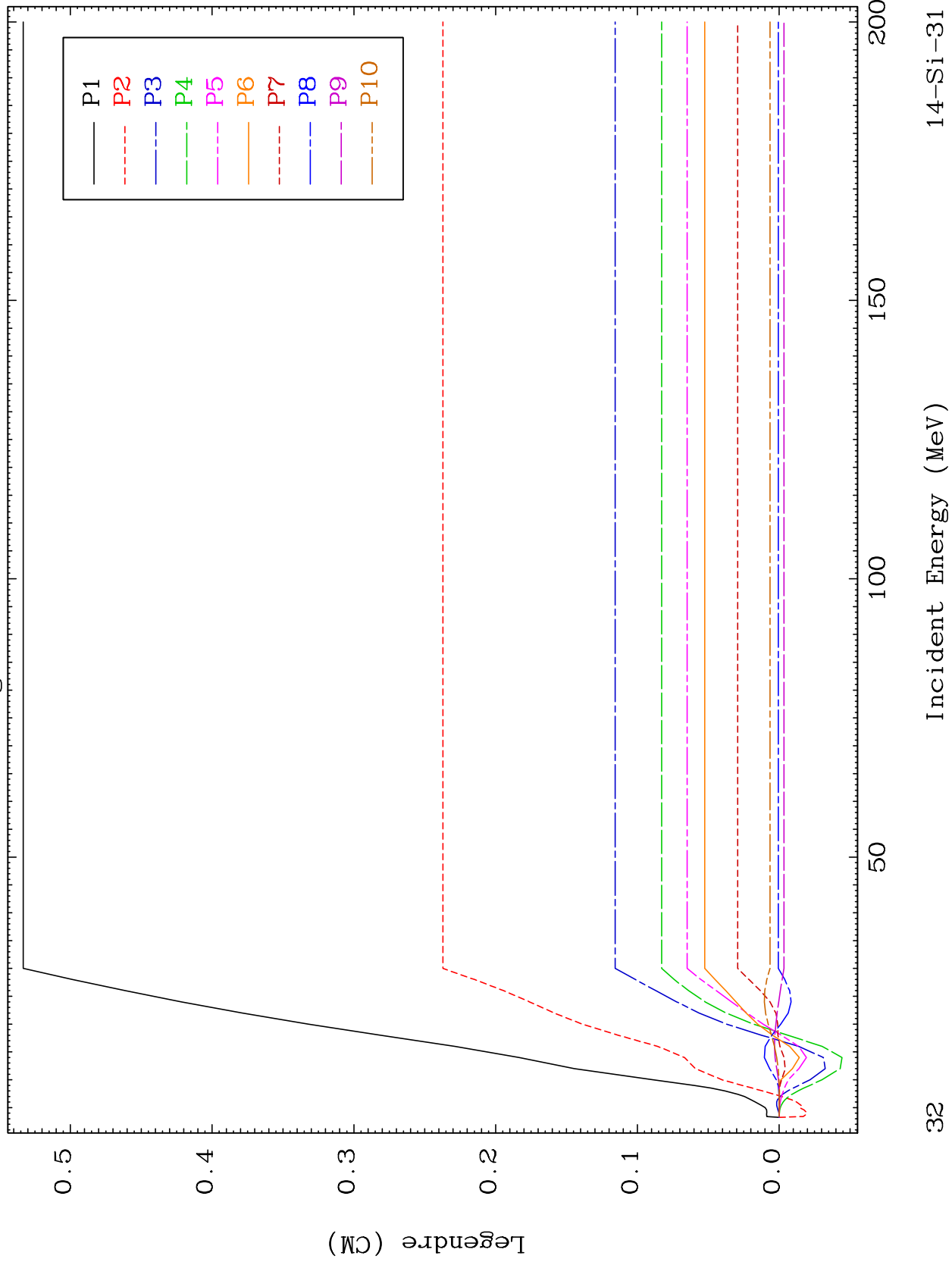
14-Si-31



MAT 1434

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

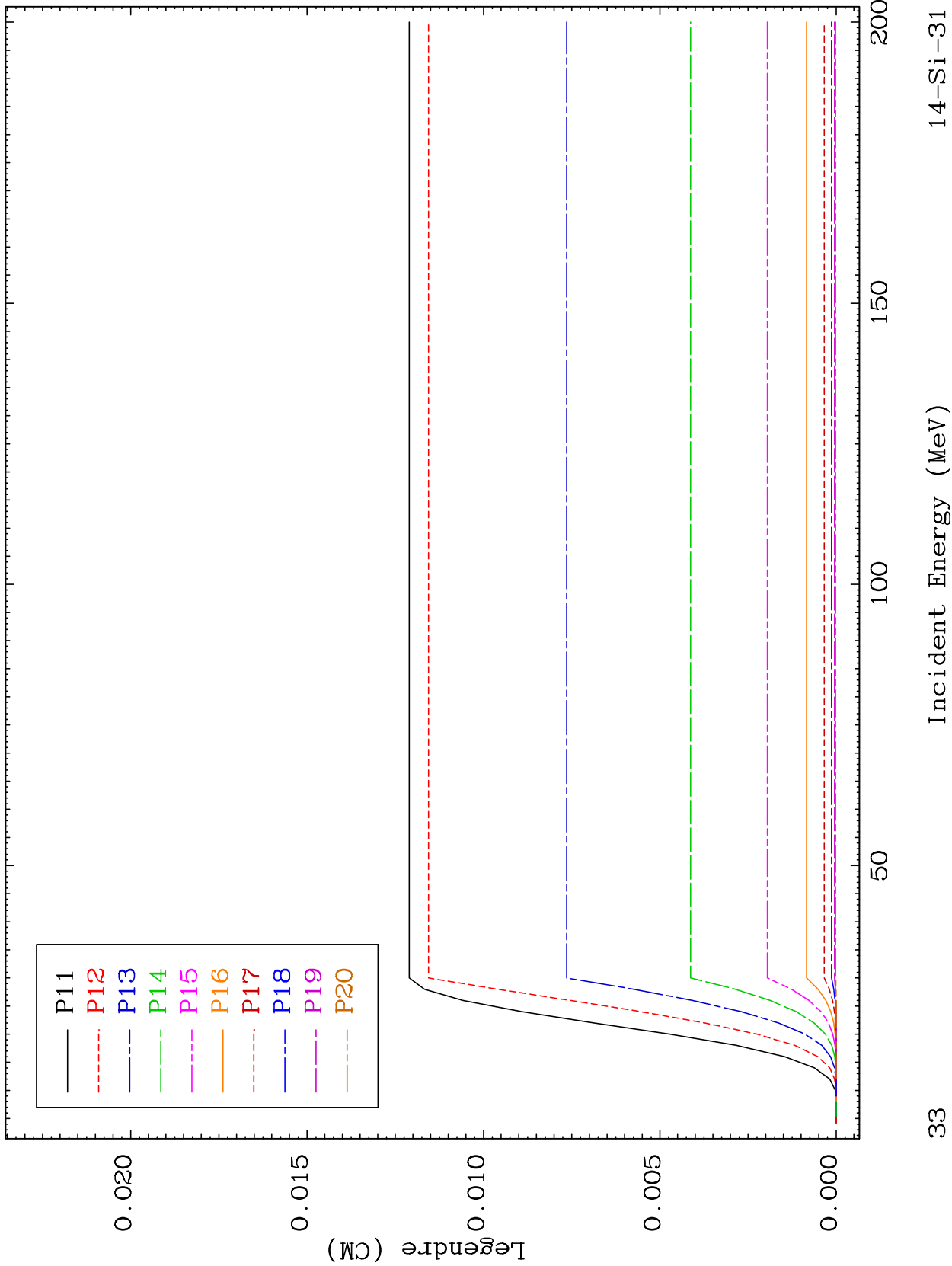
14-Si-31



32

Incident Energy (MeV)

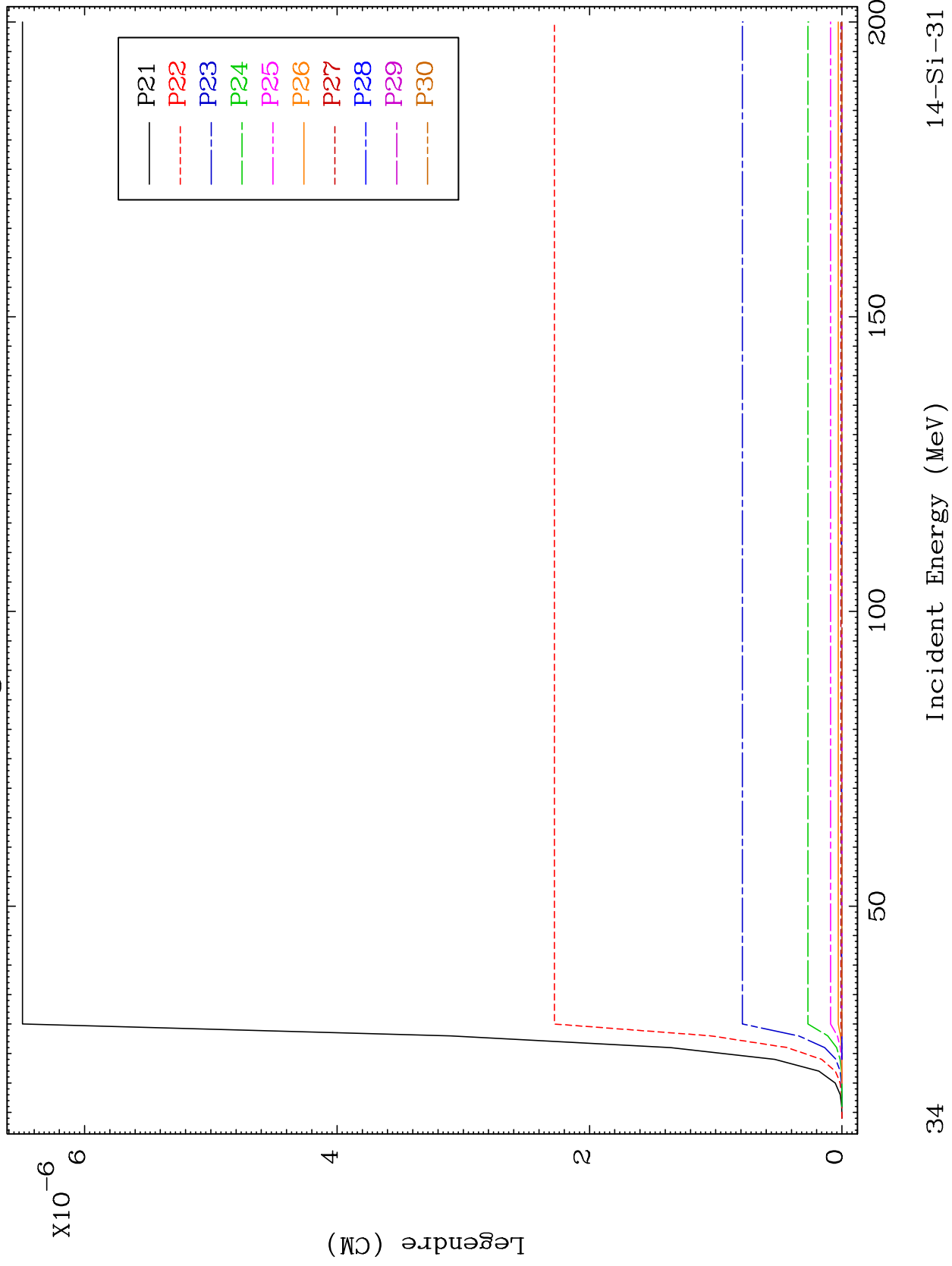
14-Si-31



MAT 1434

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

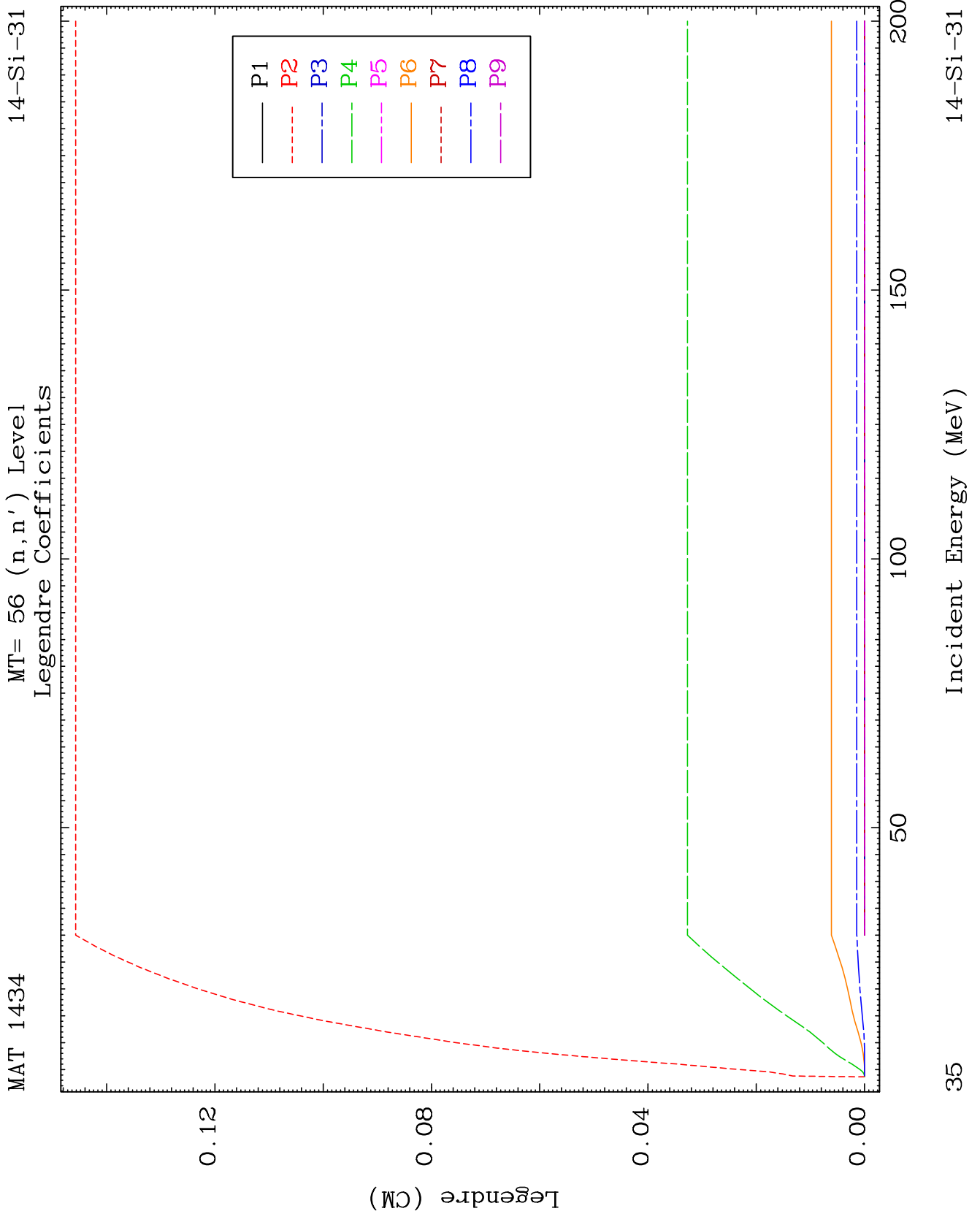
14-Si-31



34

Incident Energy (MeV)

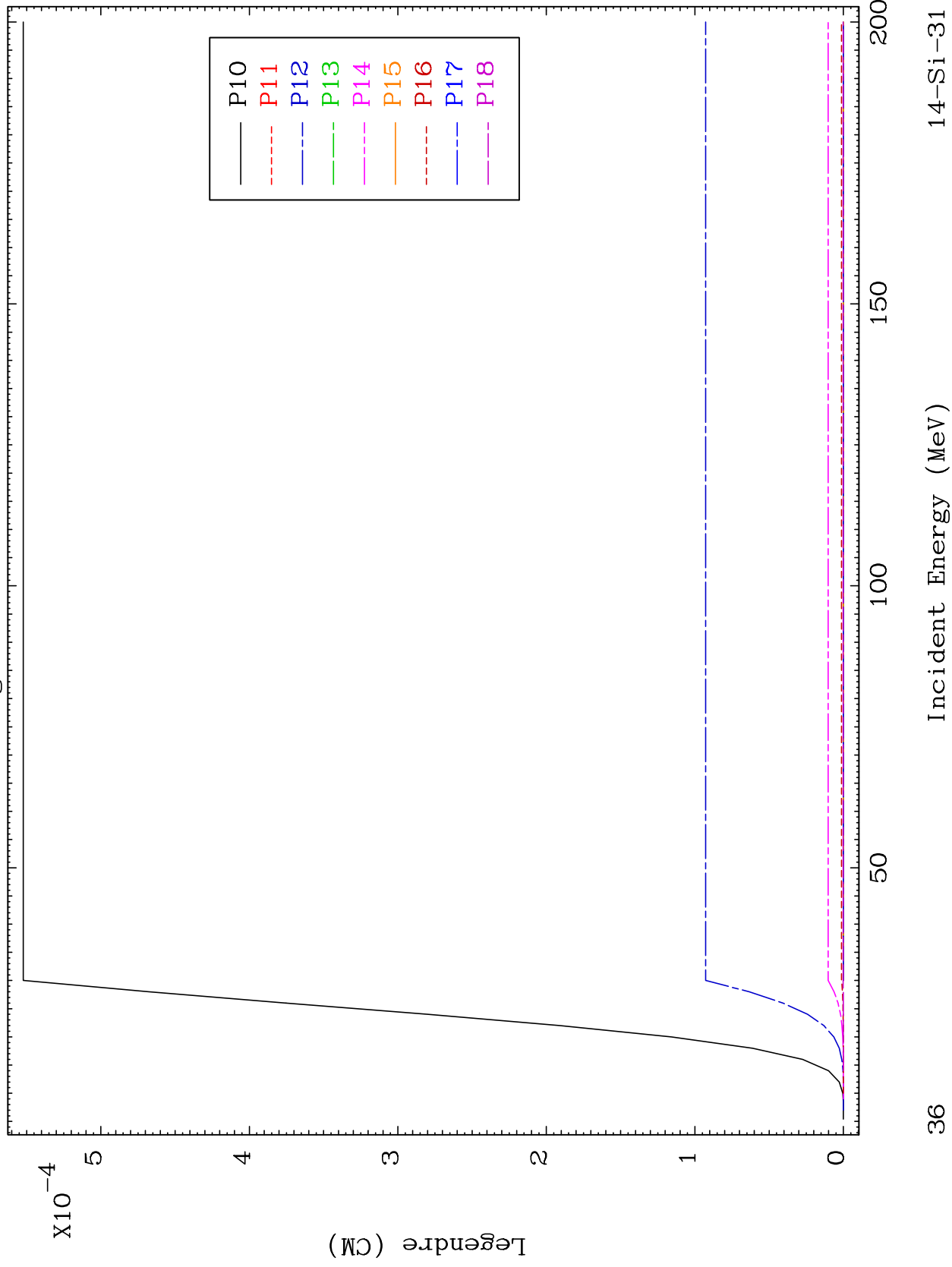
14-Si-31



MAT 1434

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

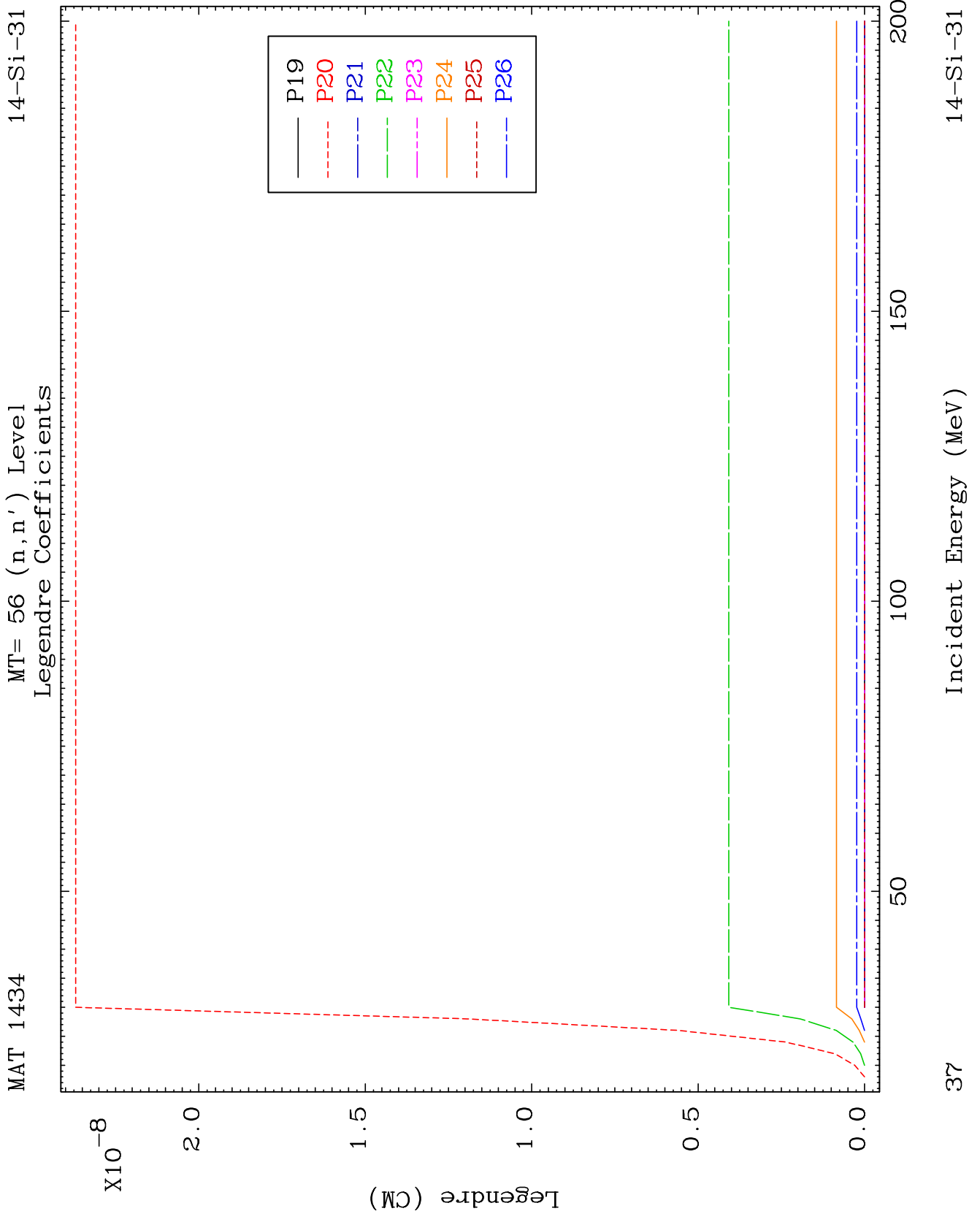
14-Si-31



36

Incident Energy (MeV)

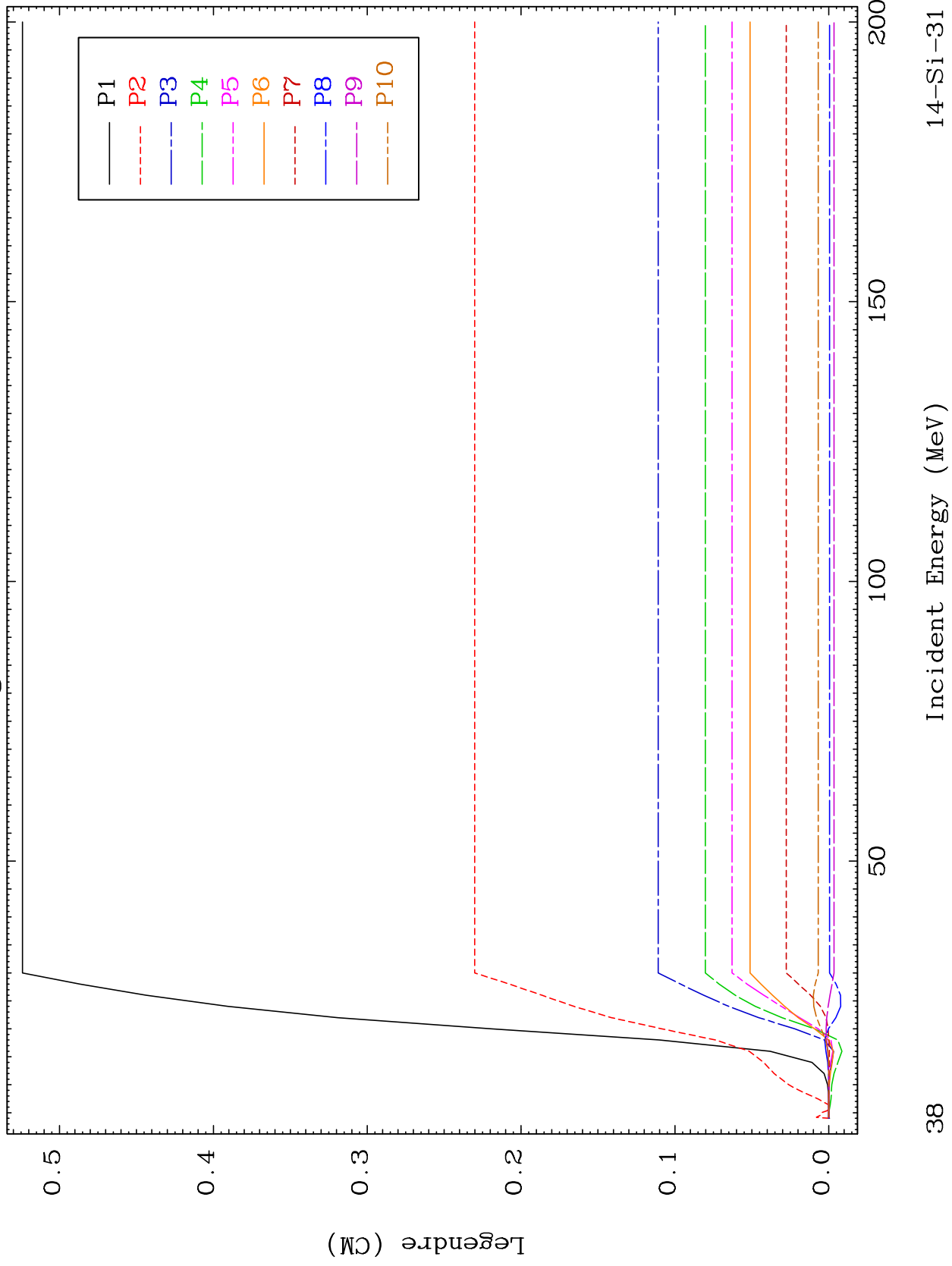
14-Si-31



MAT 1434

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

14-Si-31

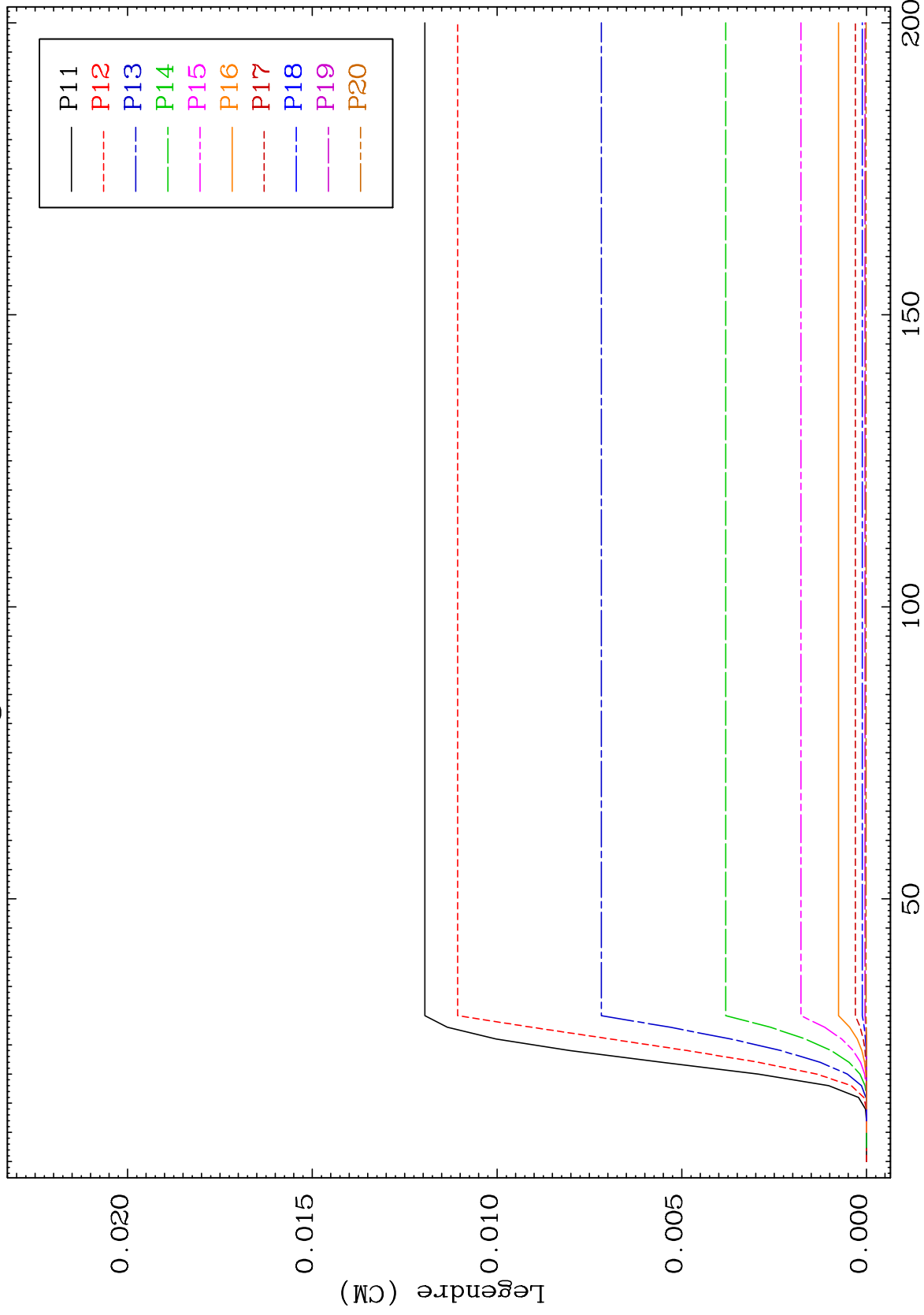


38

MAT 1434

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

14-Si-31



39

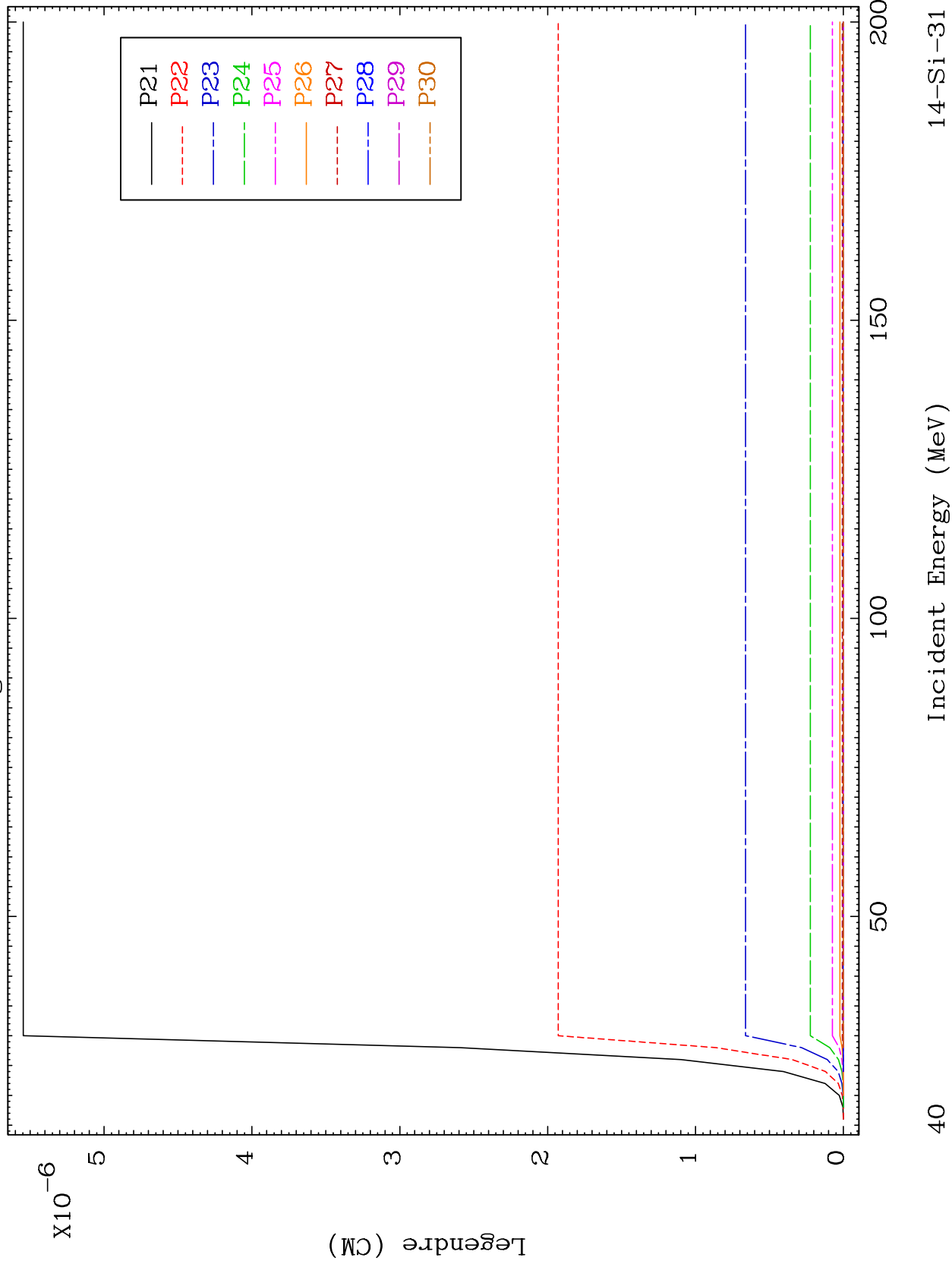
Incident Energy (MeV)

14-Si-31

MAT 1434

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

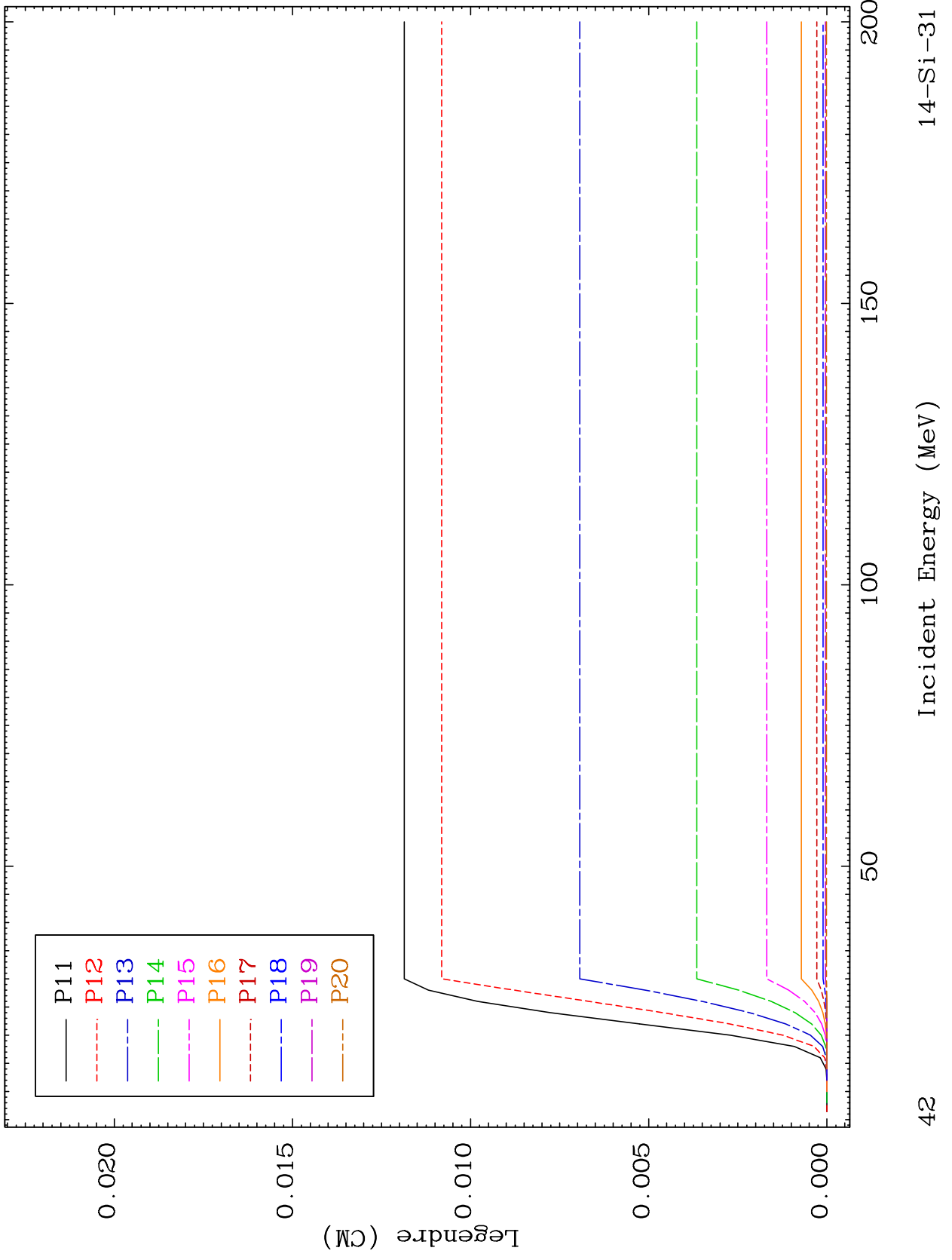
14-Si-31



MAT 1434

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

14-Si-31



42

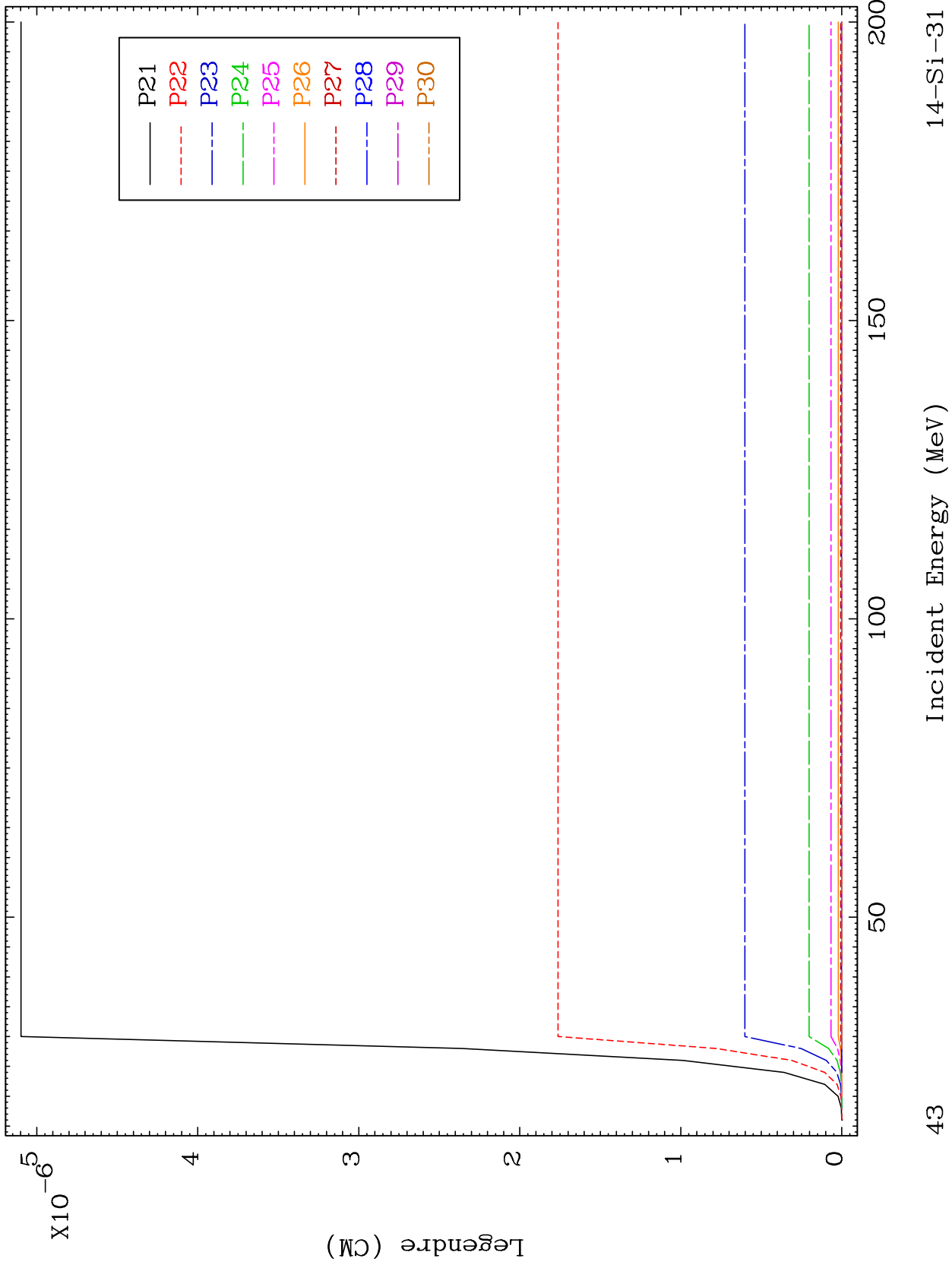
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



43

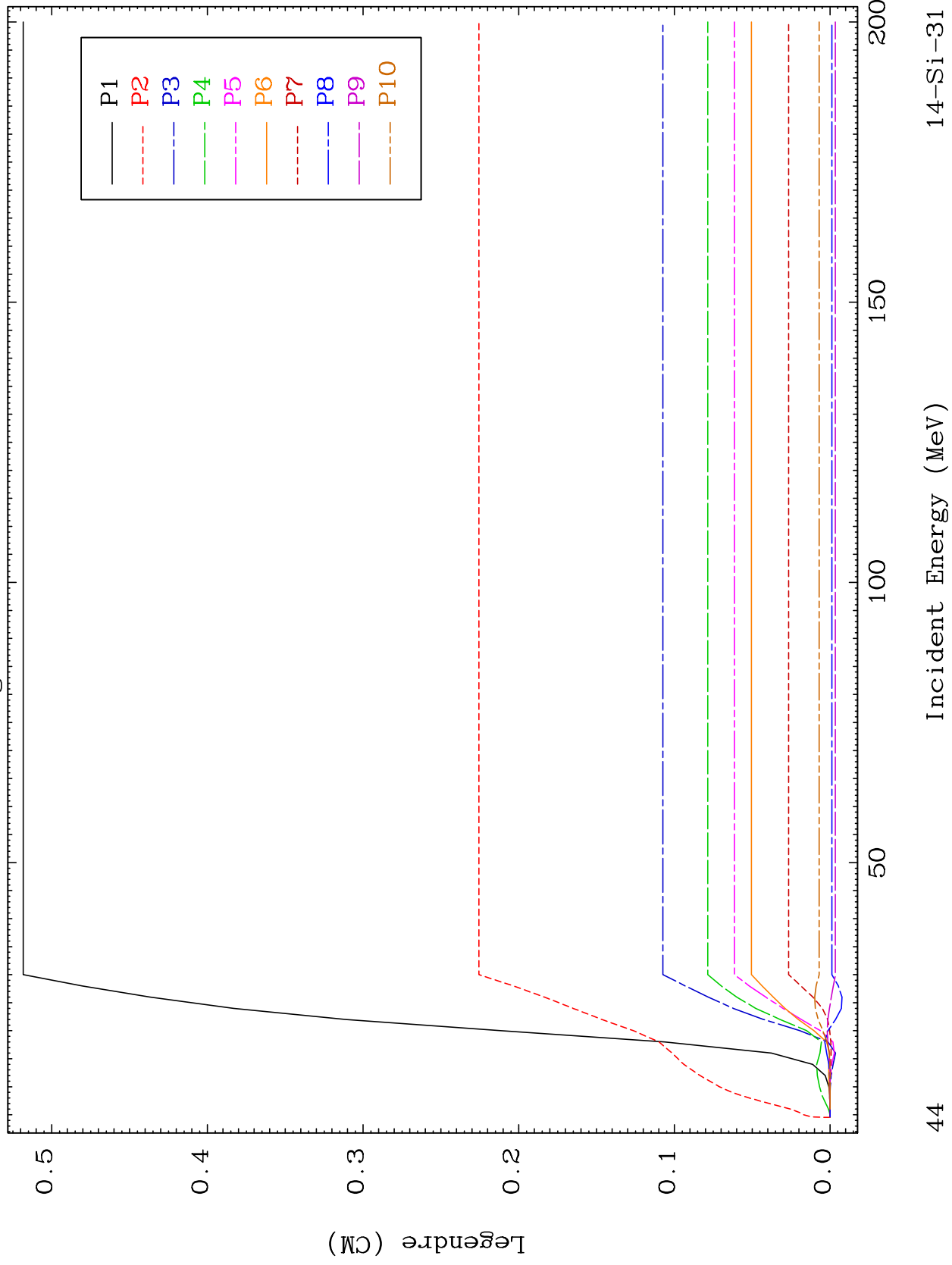
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



44

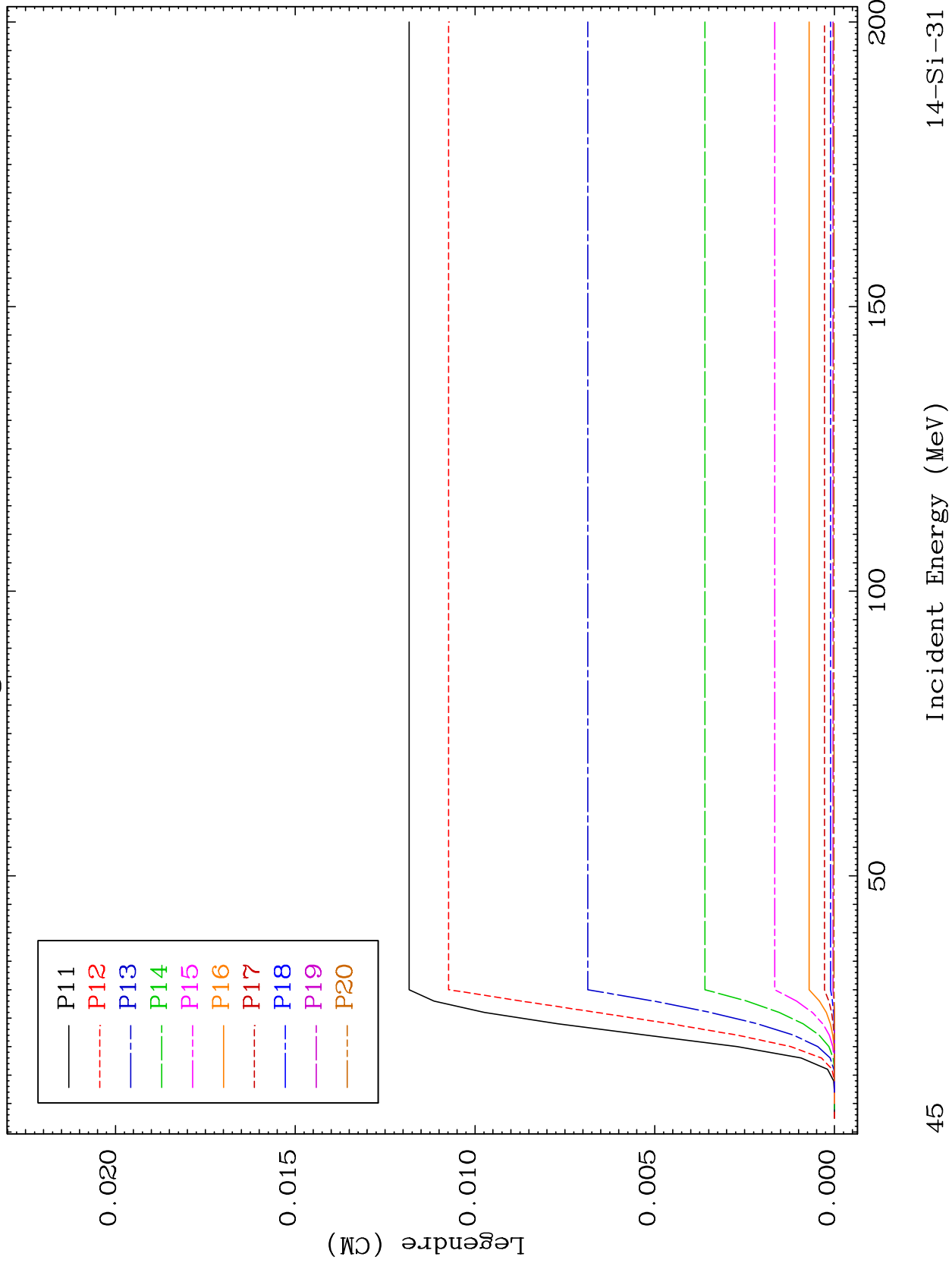
Incident Energy (MeV)

14-Si-31

MAT 1434

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

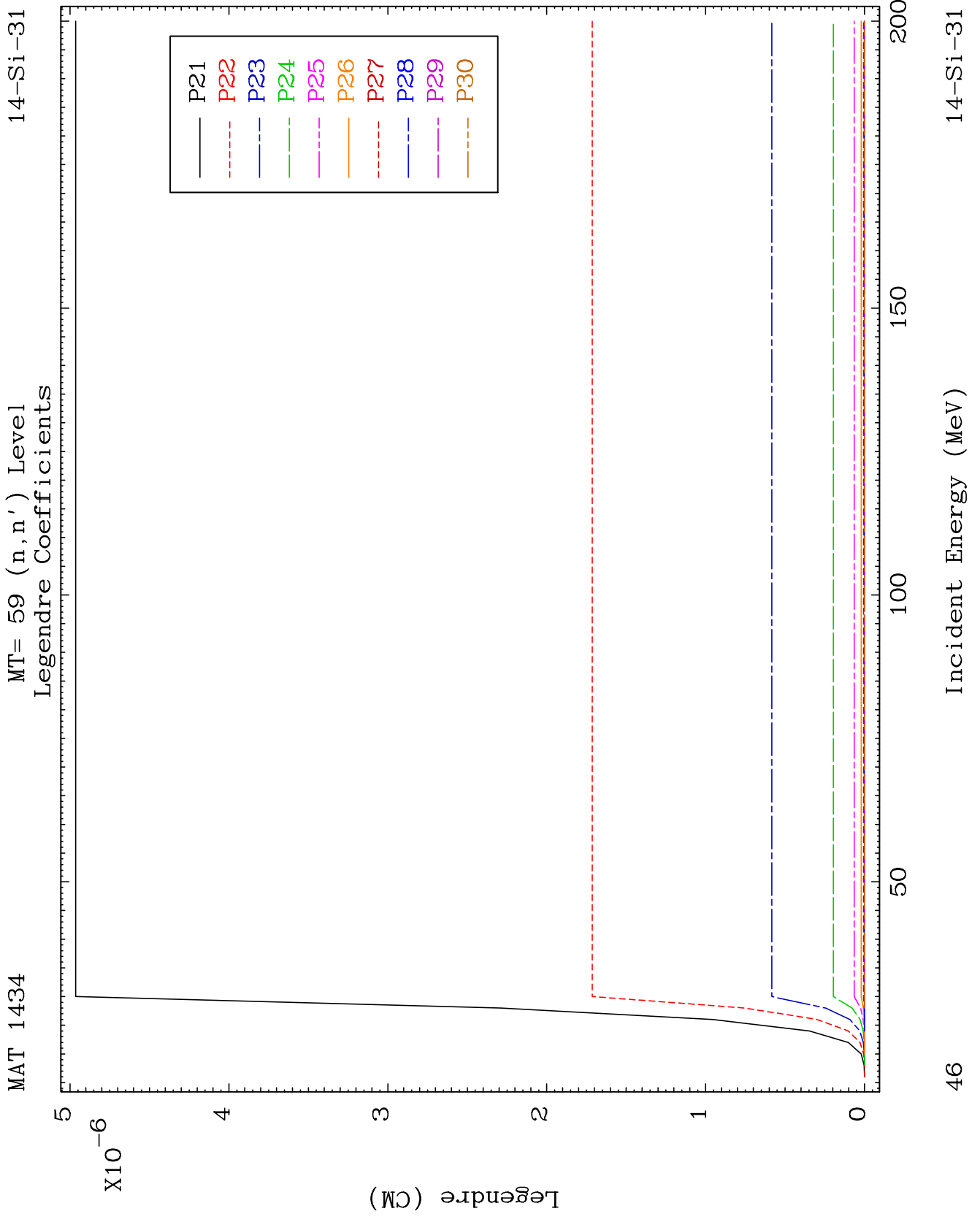
14-Si-31



45

Incident Energy (MeV)

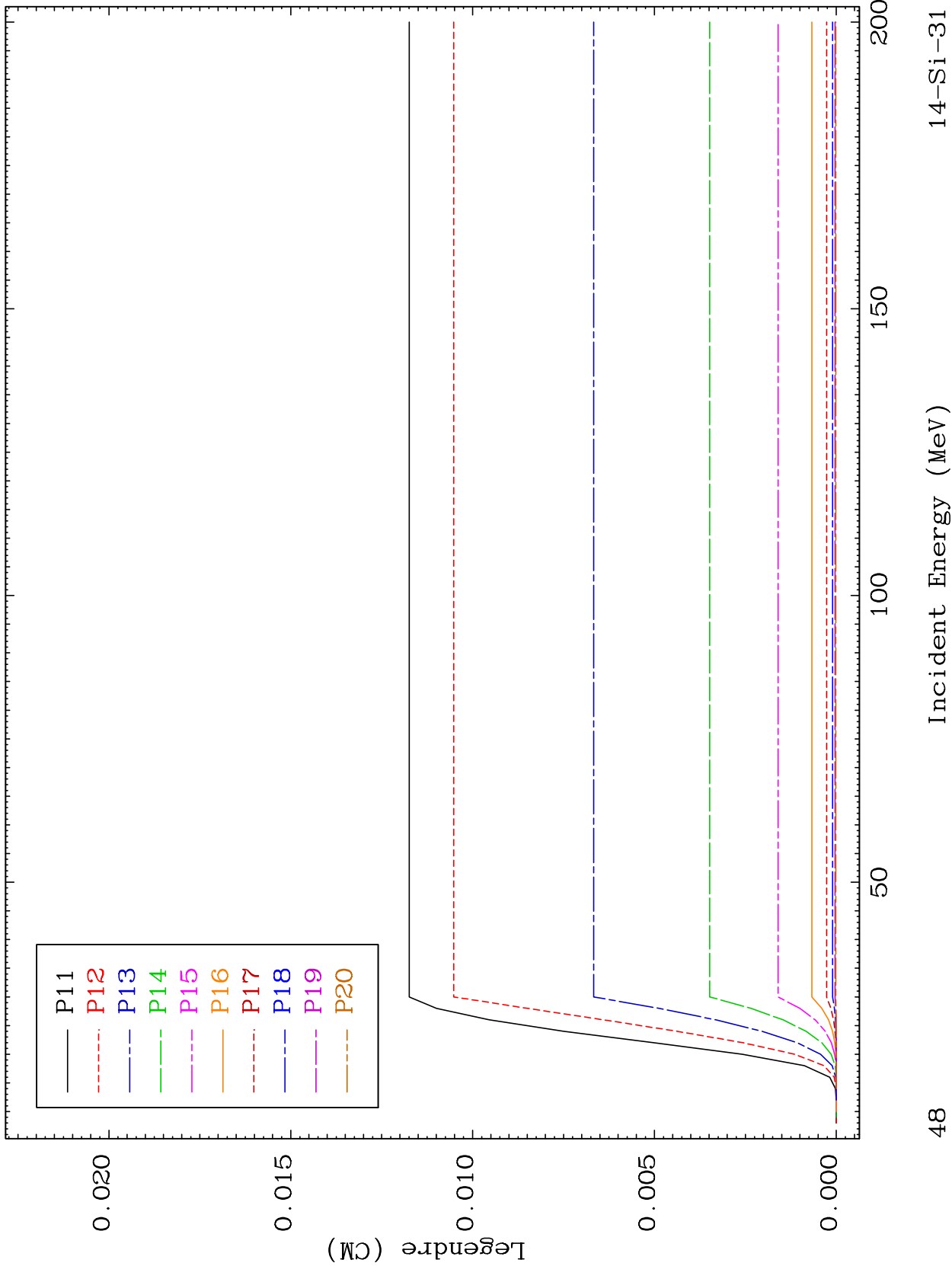
14-Si-31



MAT 1434

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

14-Si-31



48

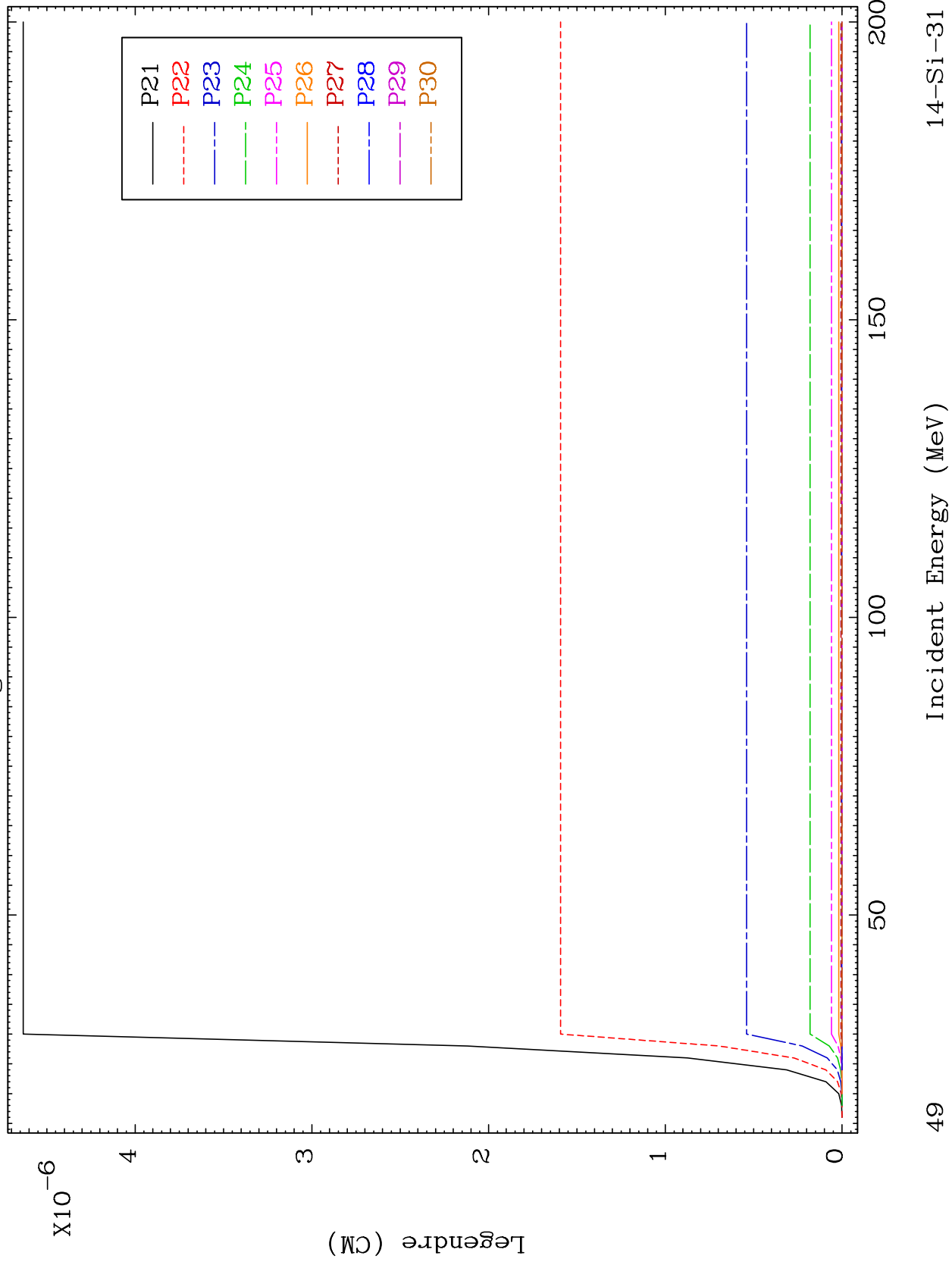
Incident Energy (MeV)

14-Si-31

MAT 1434

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

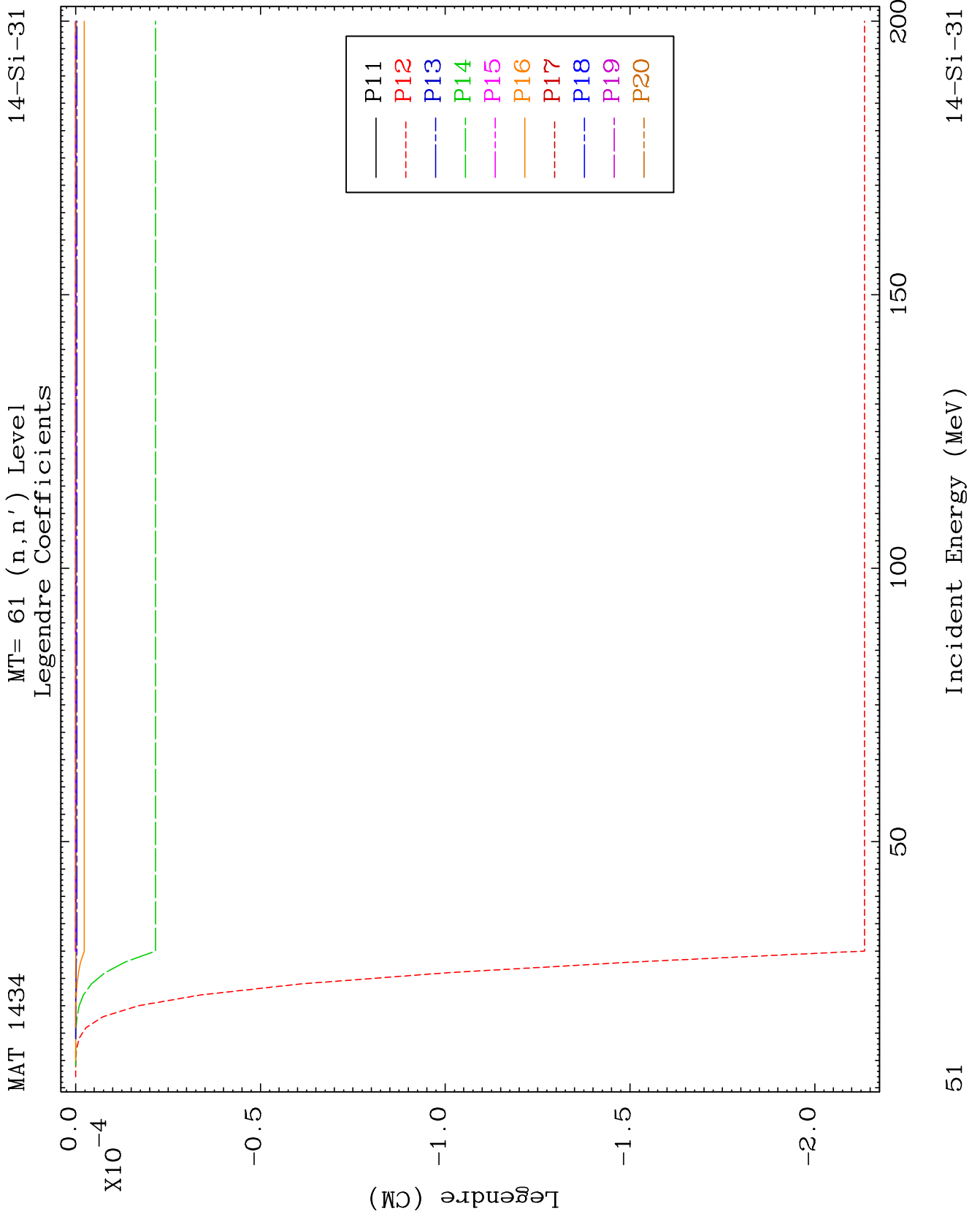
14-Si-31

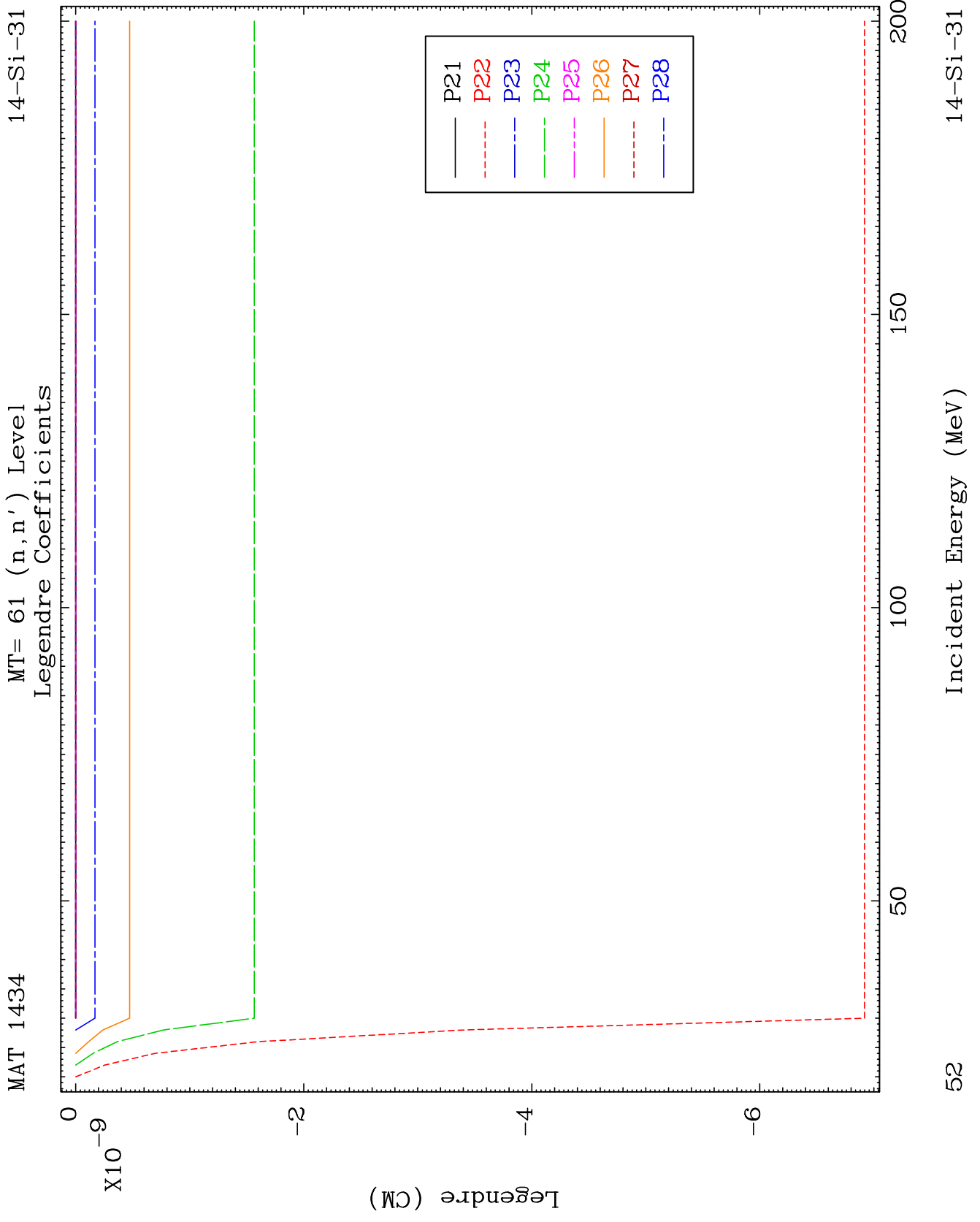


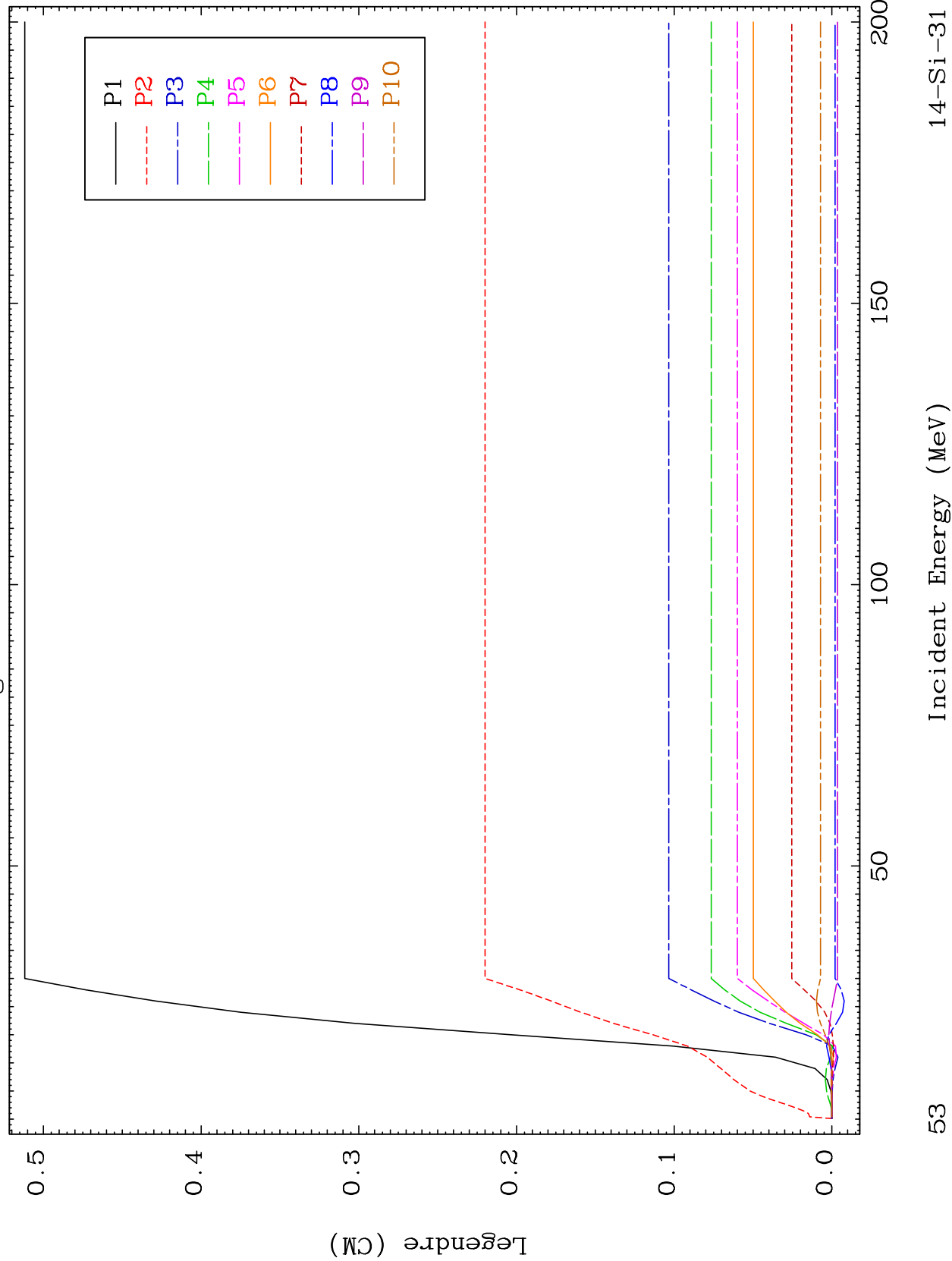
49

Incident Energy (MeV)

14-Si-31



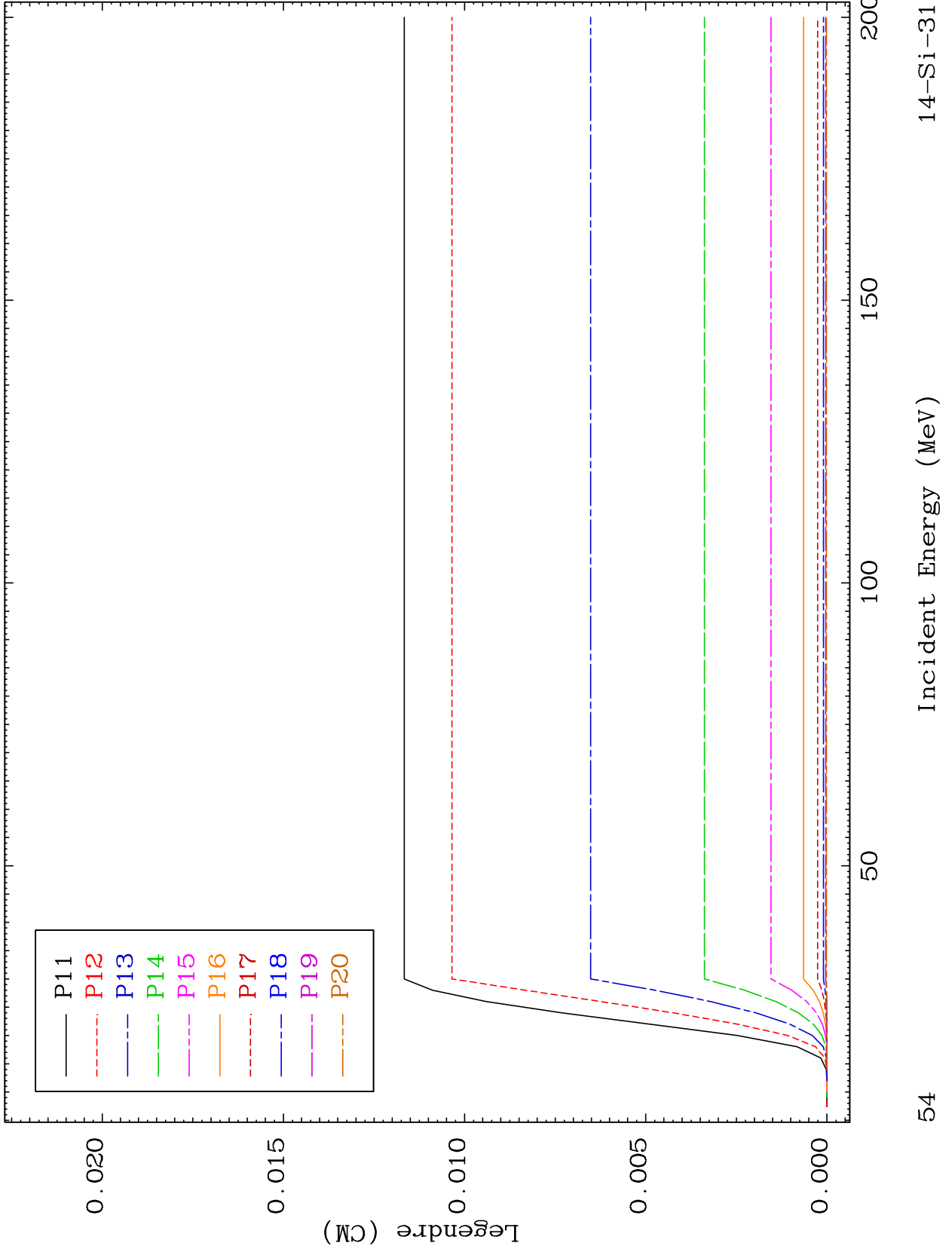




MAT 1434

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

14-Si-31



54

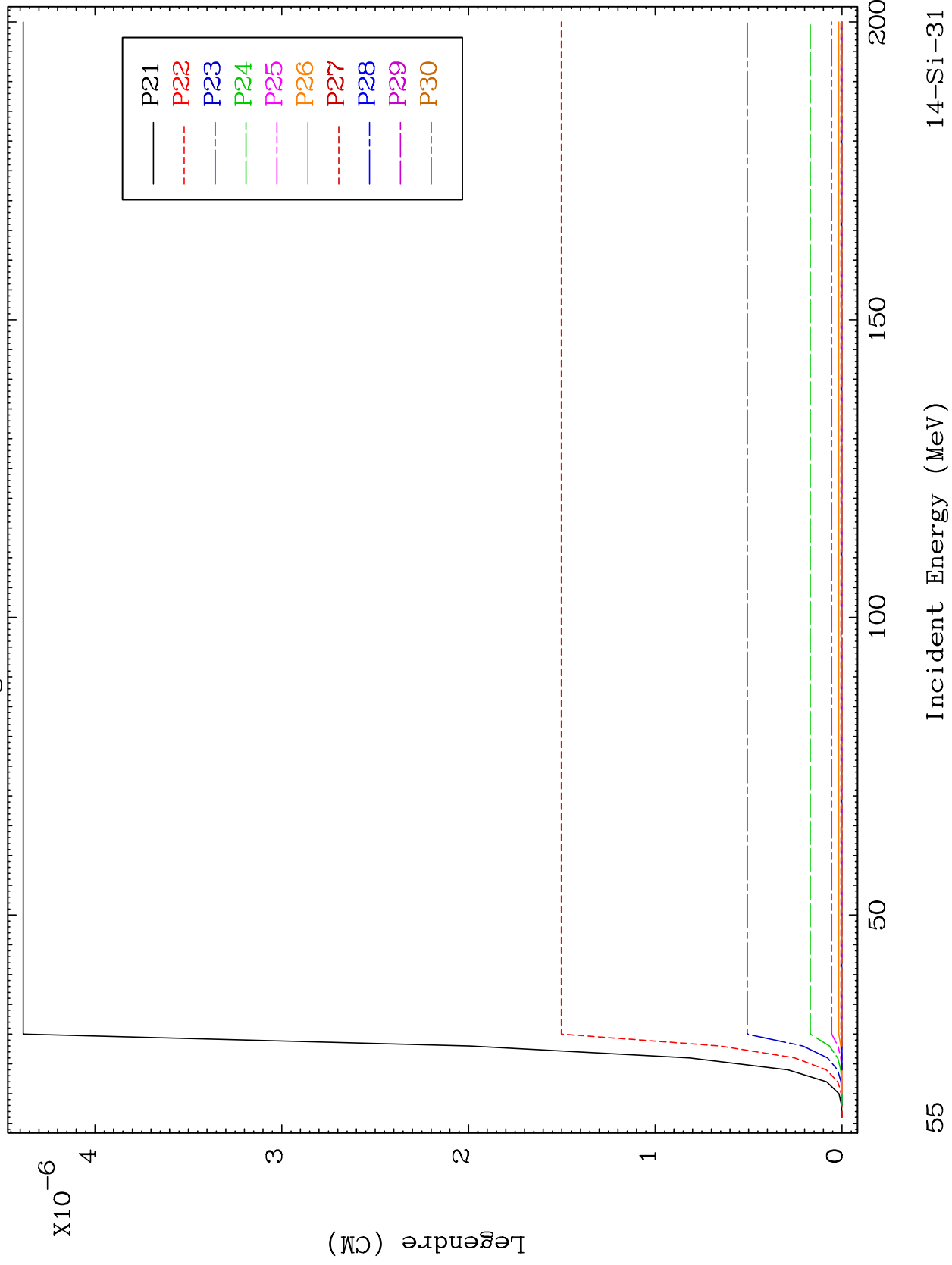
Incident Energy (MeV)

14-Si-31

MAT 1434

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

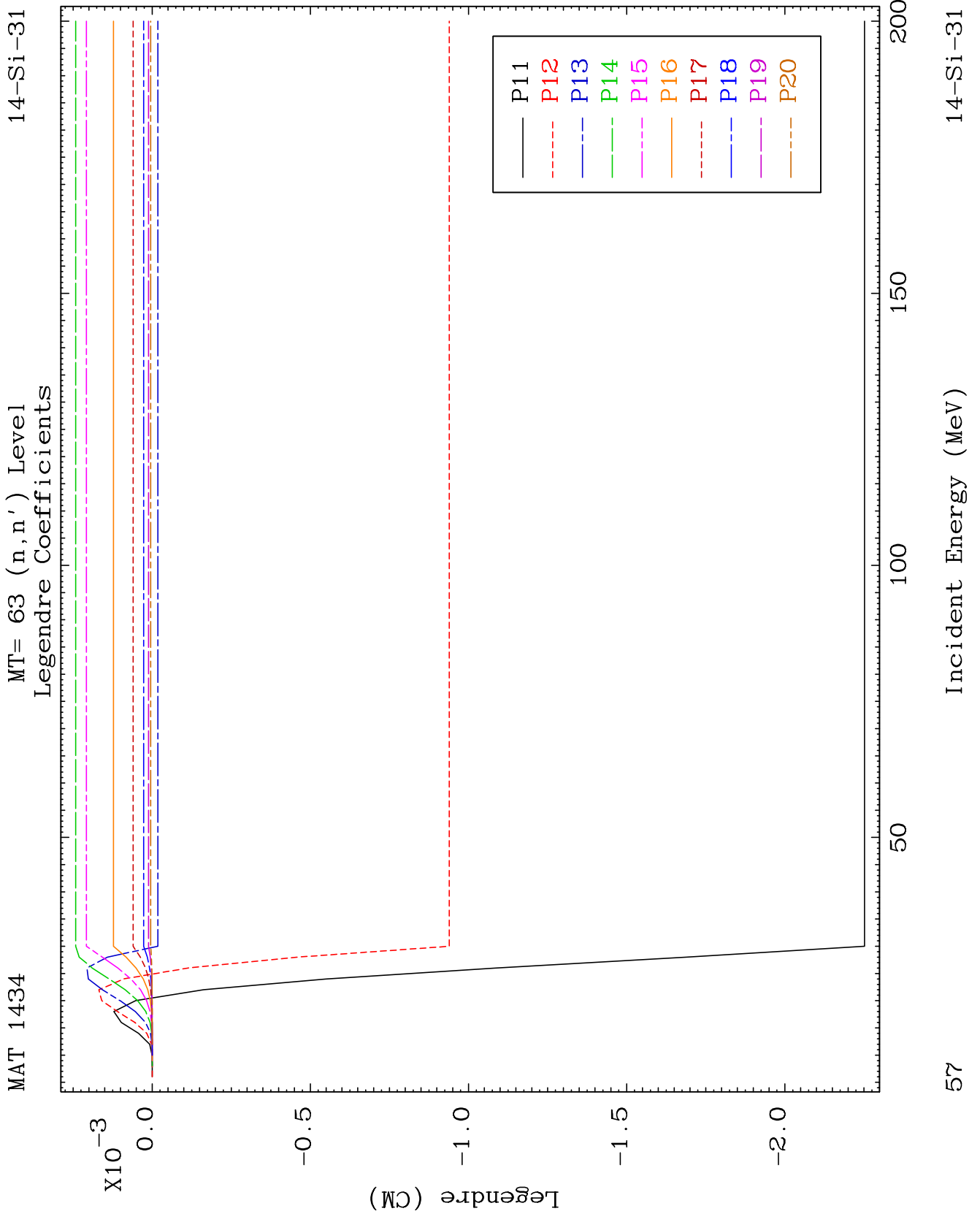
14-Si-31



14-Si-31

Incident Energy (MeV)

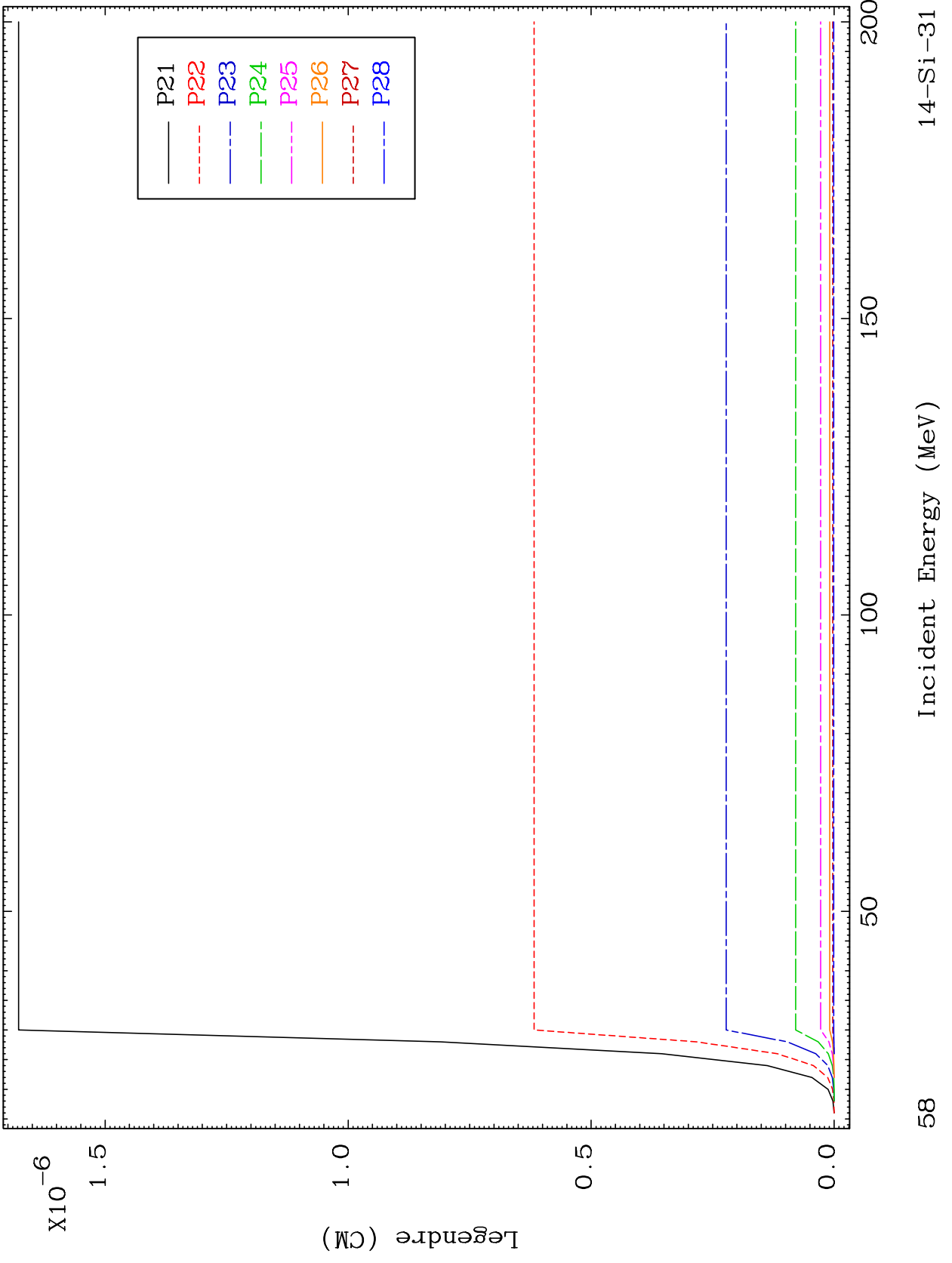
55



MAT 1434

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

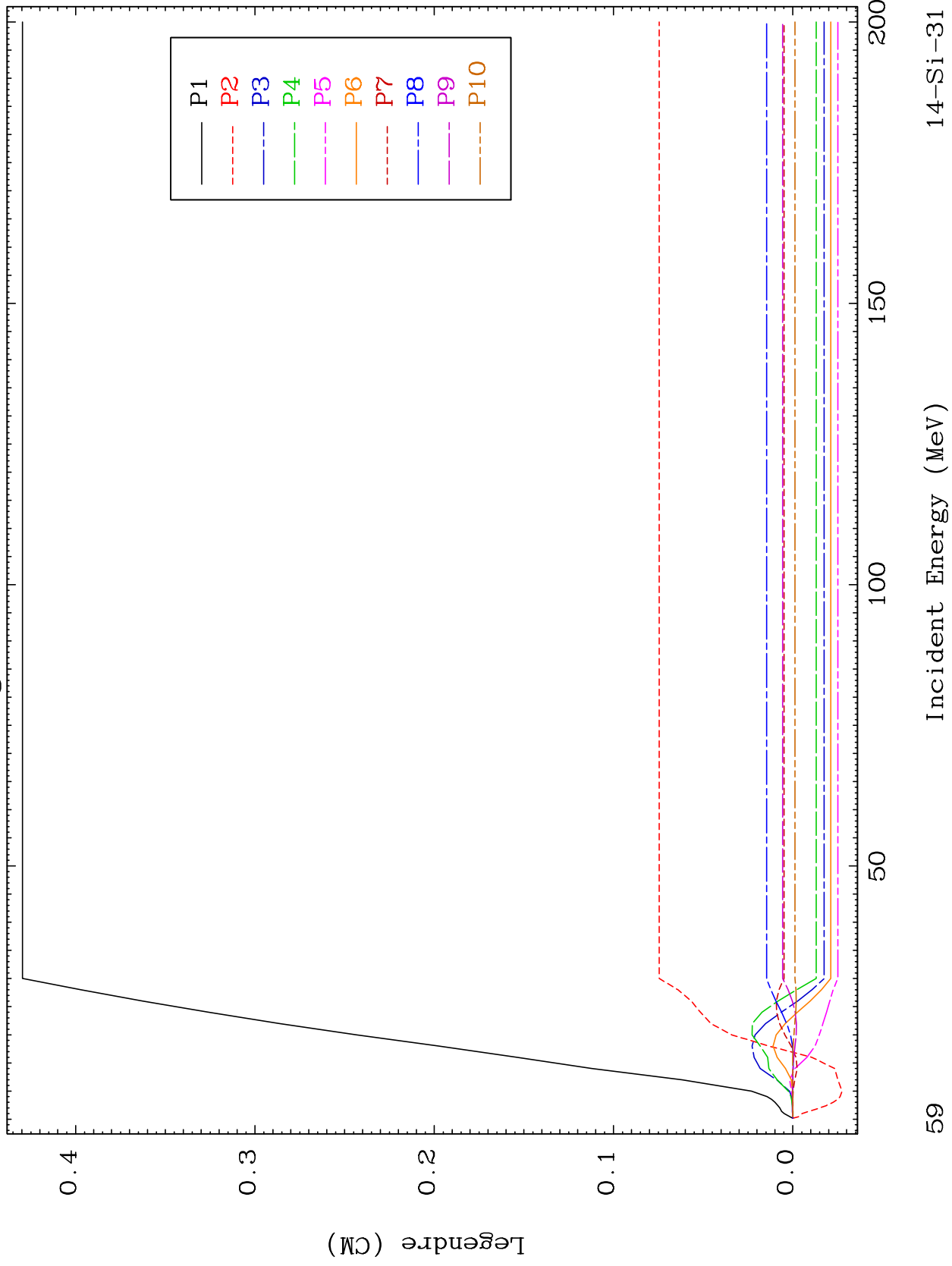
14-Si-31



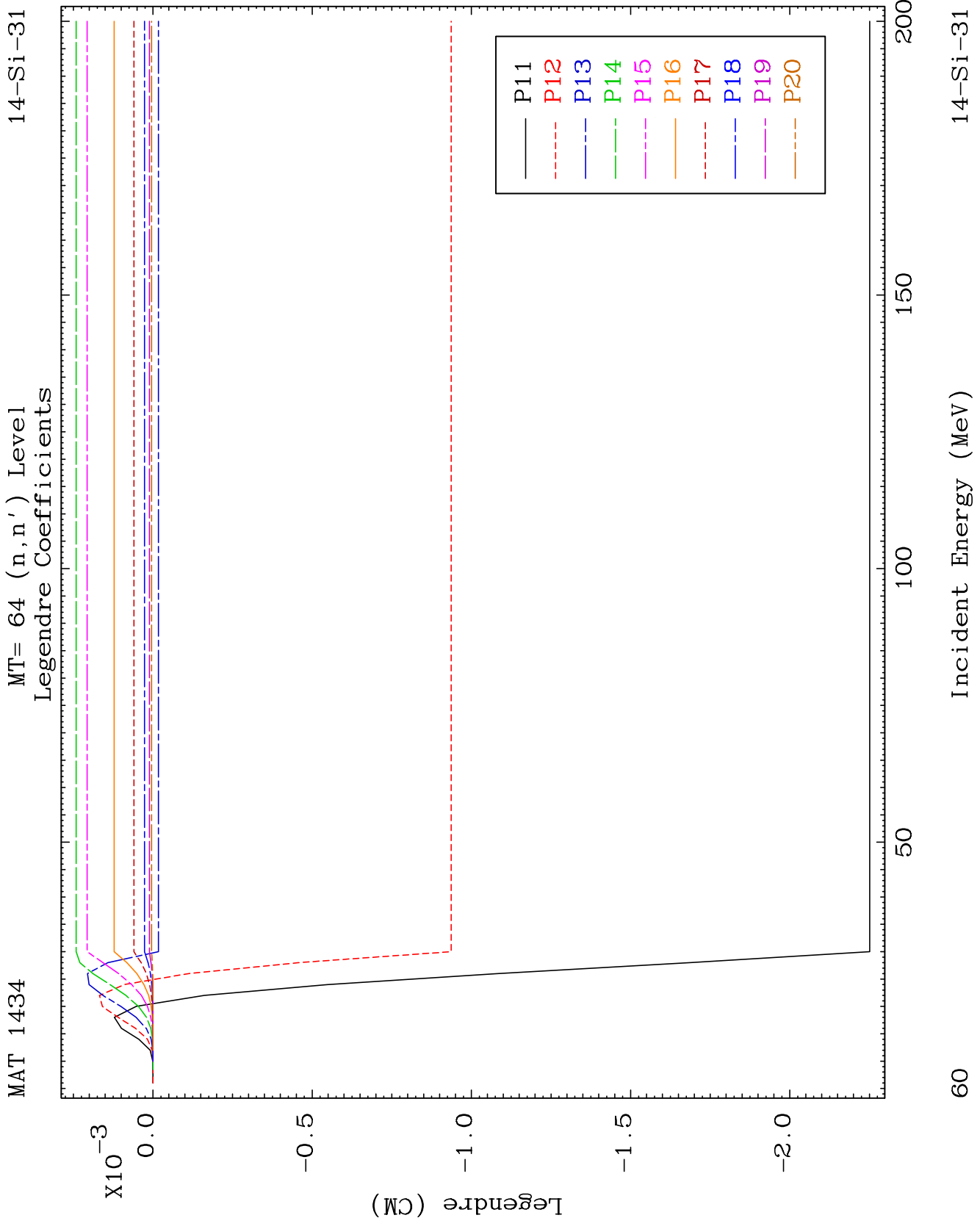
MAT 1434

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

14-Si-31



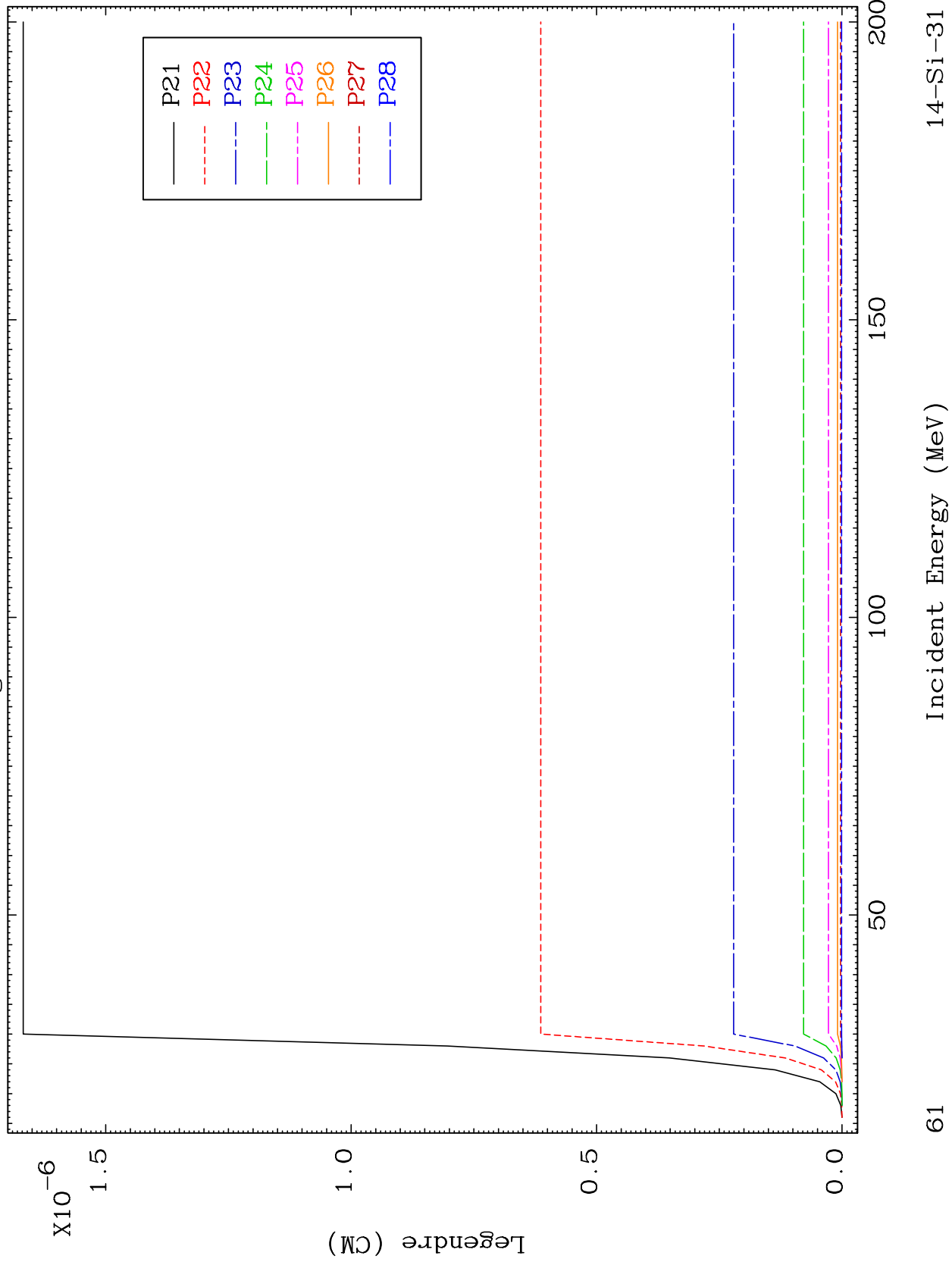
59



MAT 1434

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

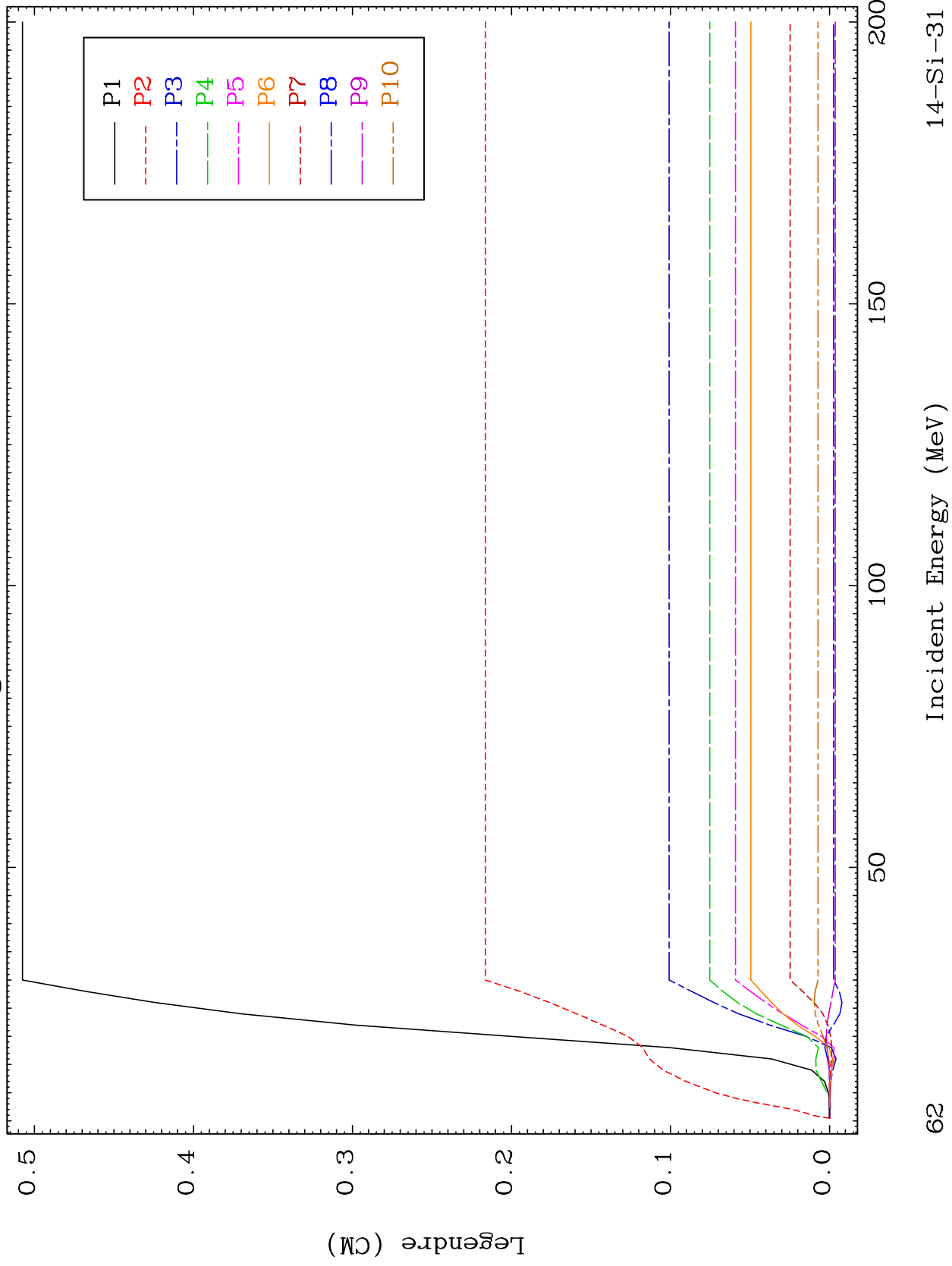
14-Si-31



MAT 1434

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

14-Si-31



62

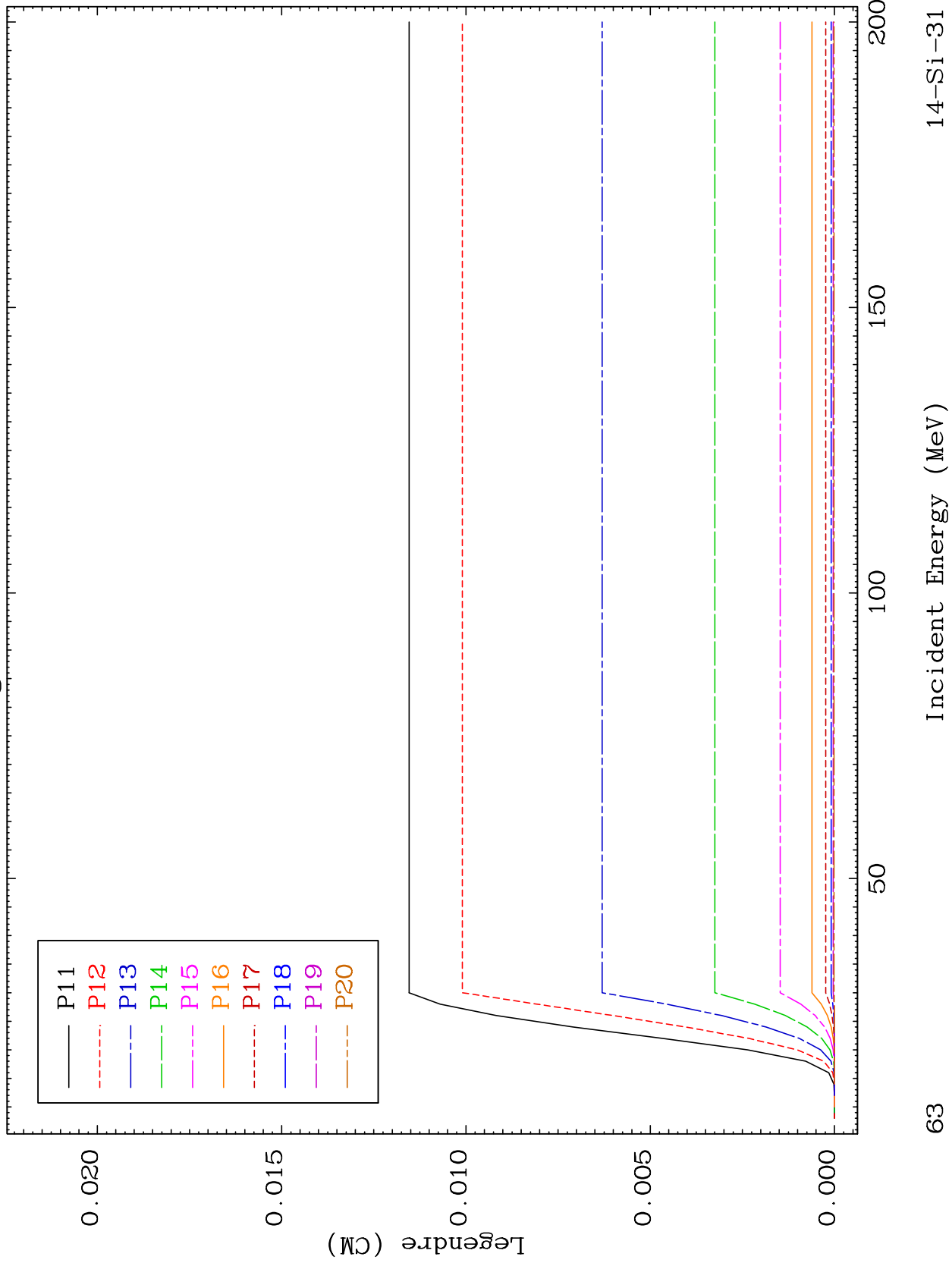
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31

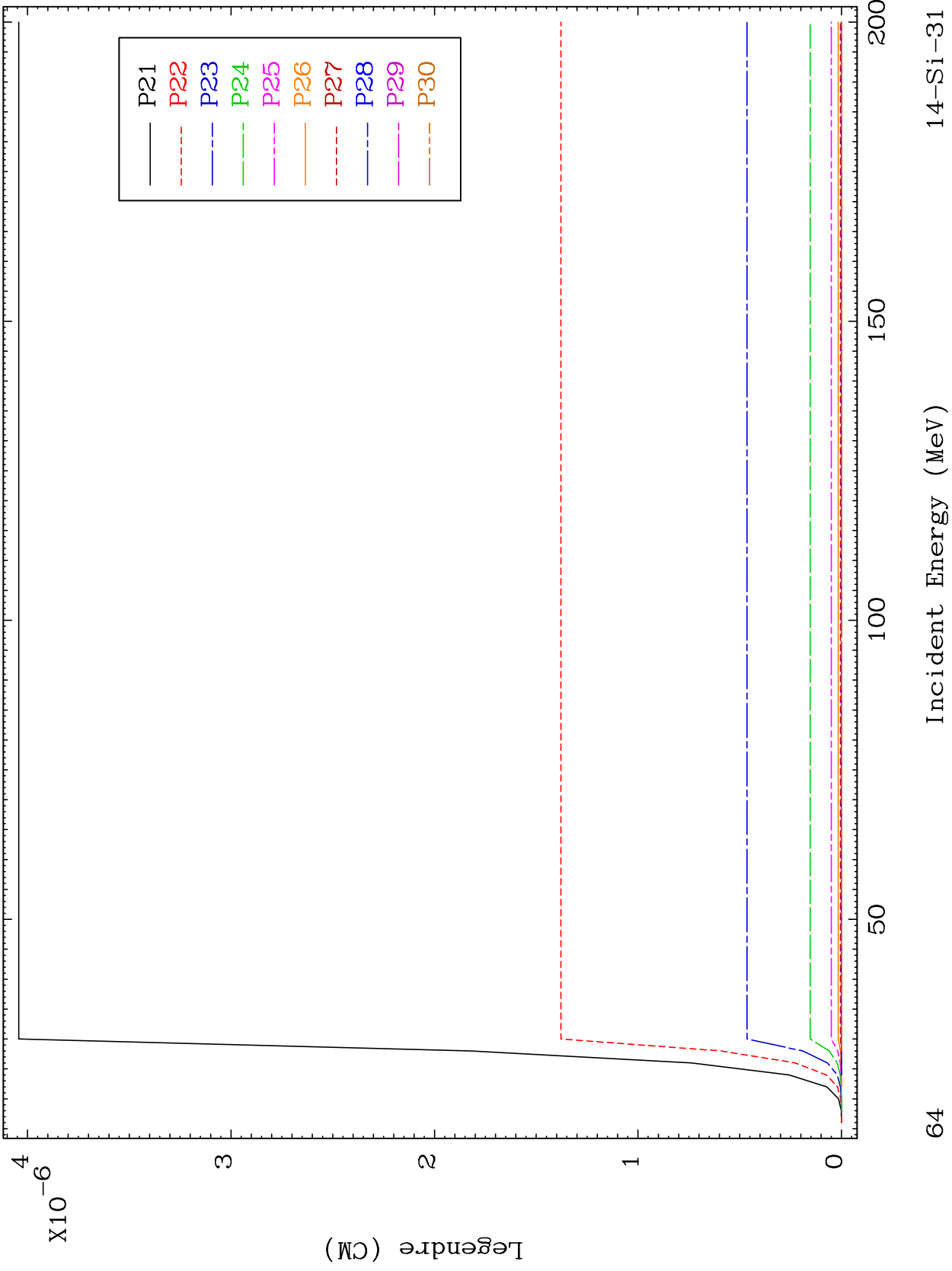


63

MAT 1434

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

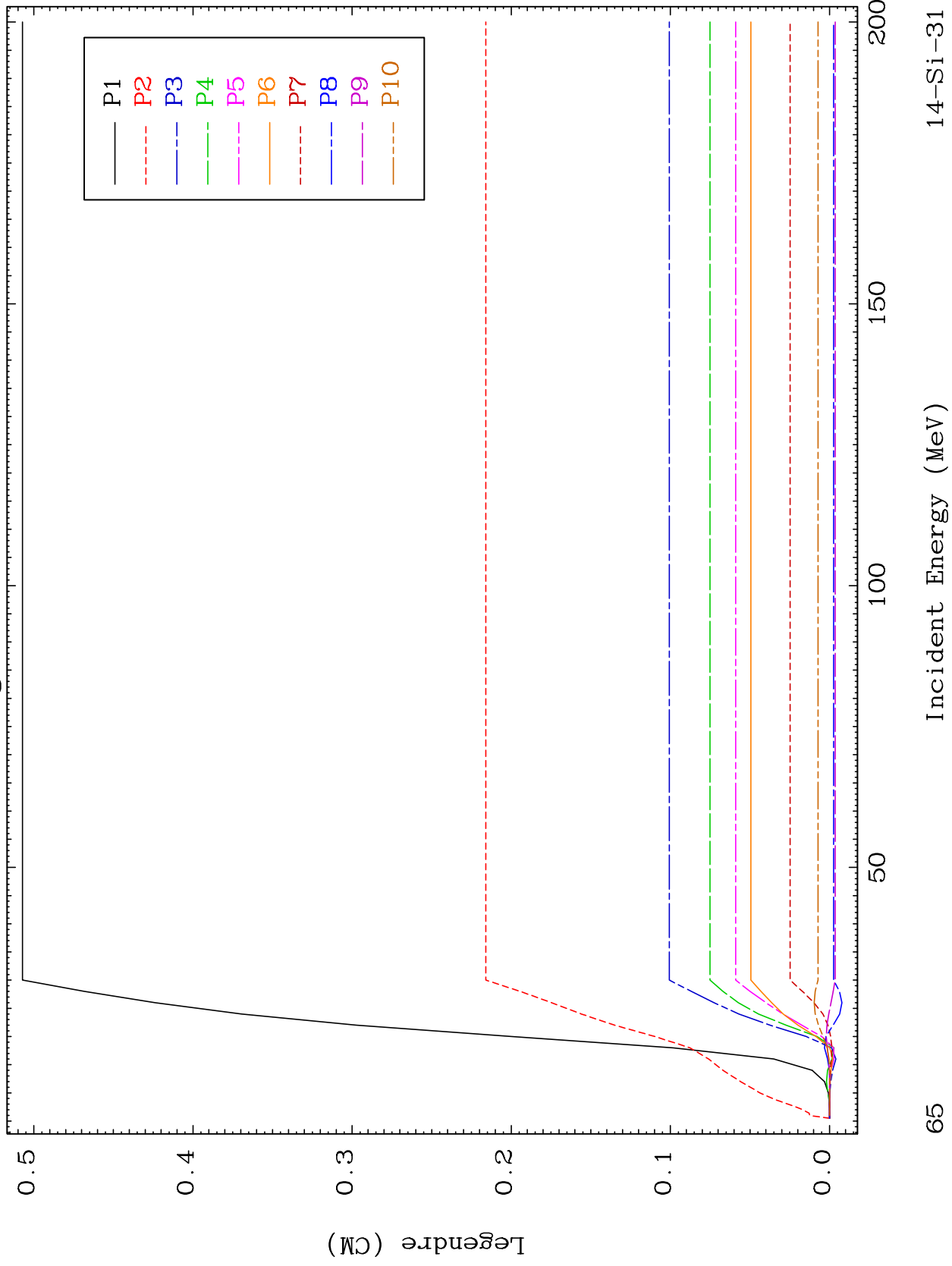
14-Si-31



MAT 1434

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

14-Si-31



65

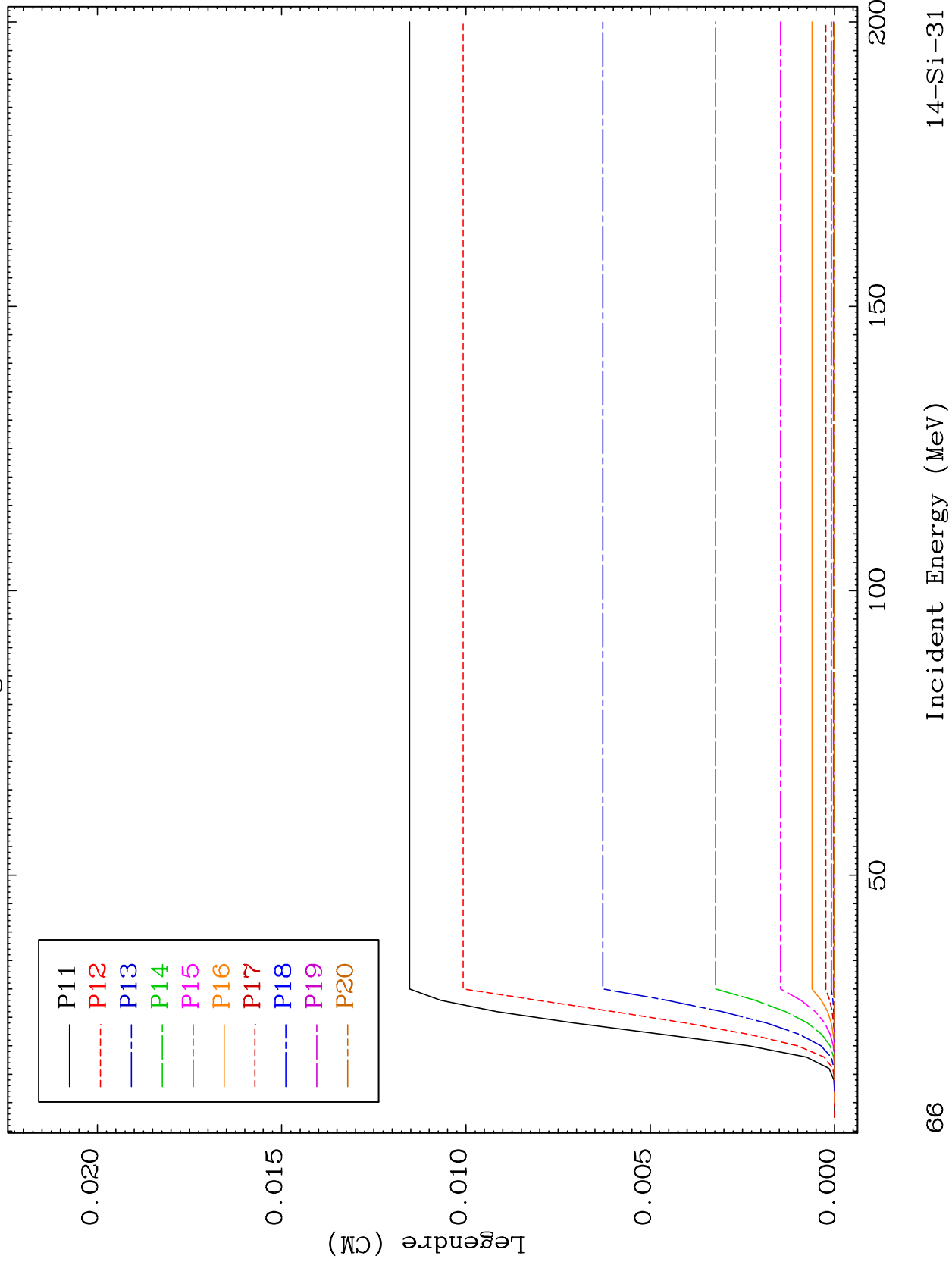
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



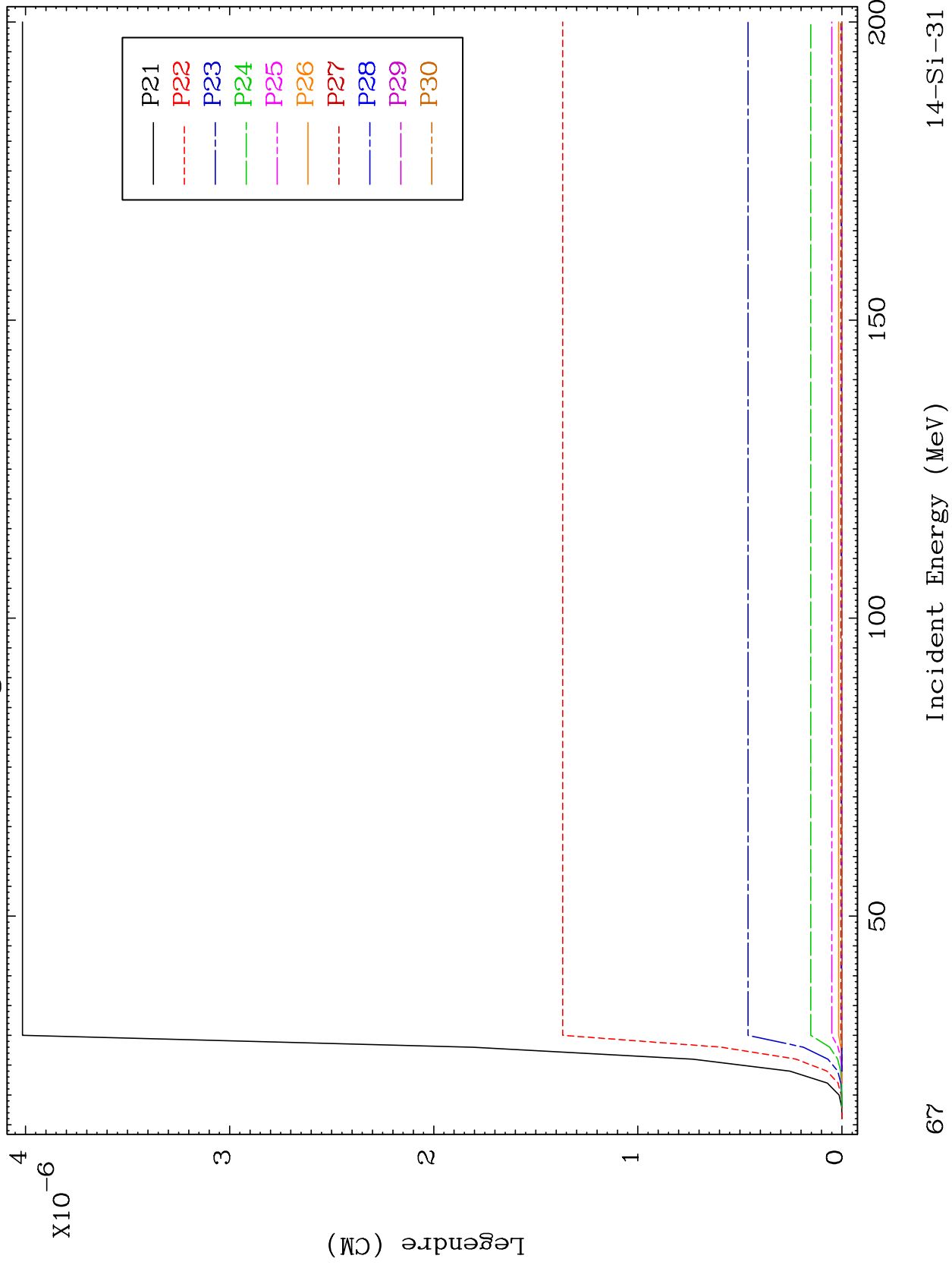
66

14-Si-31

MAT 1434

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

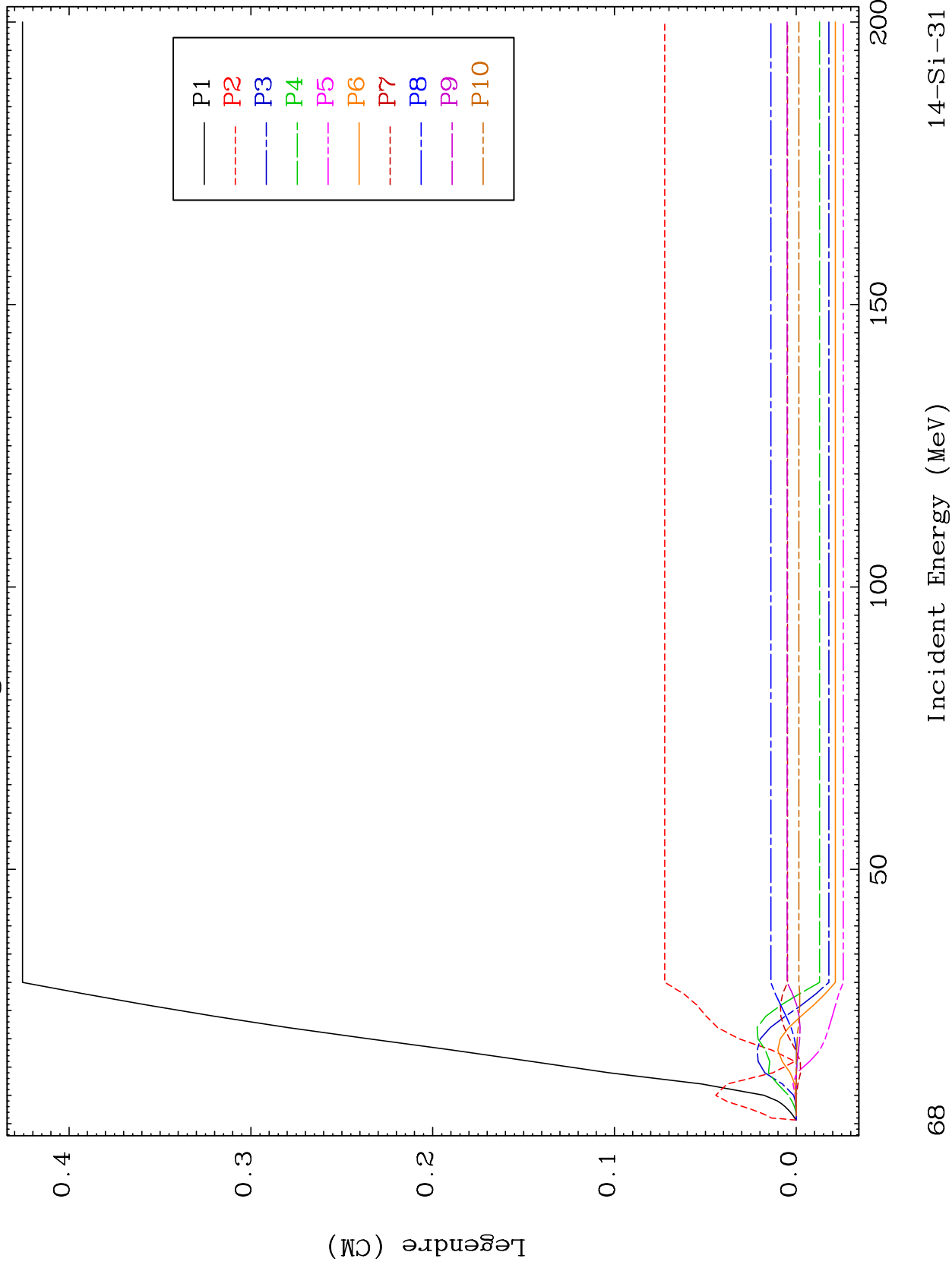
14-Si-31



MAT 1434

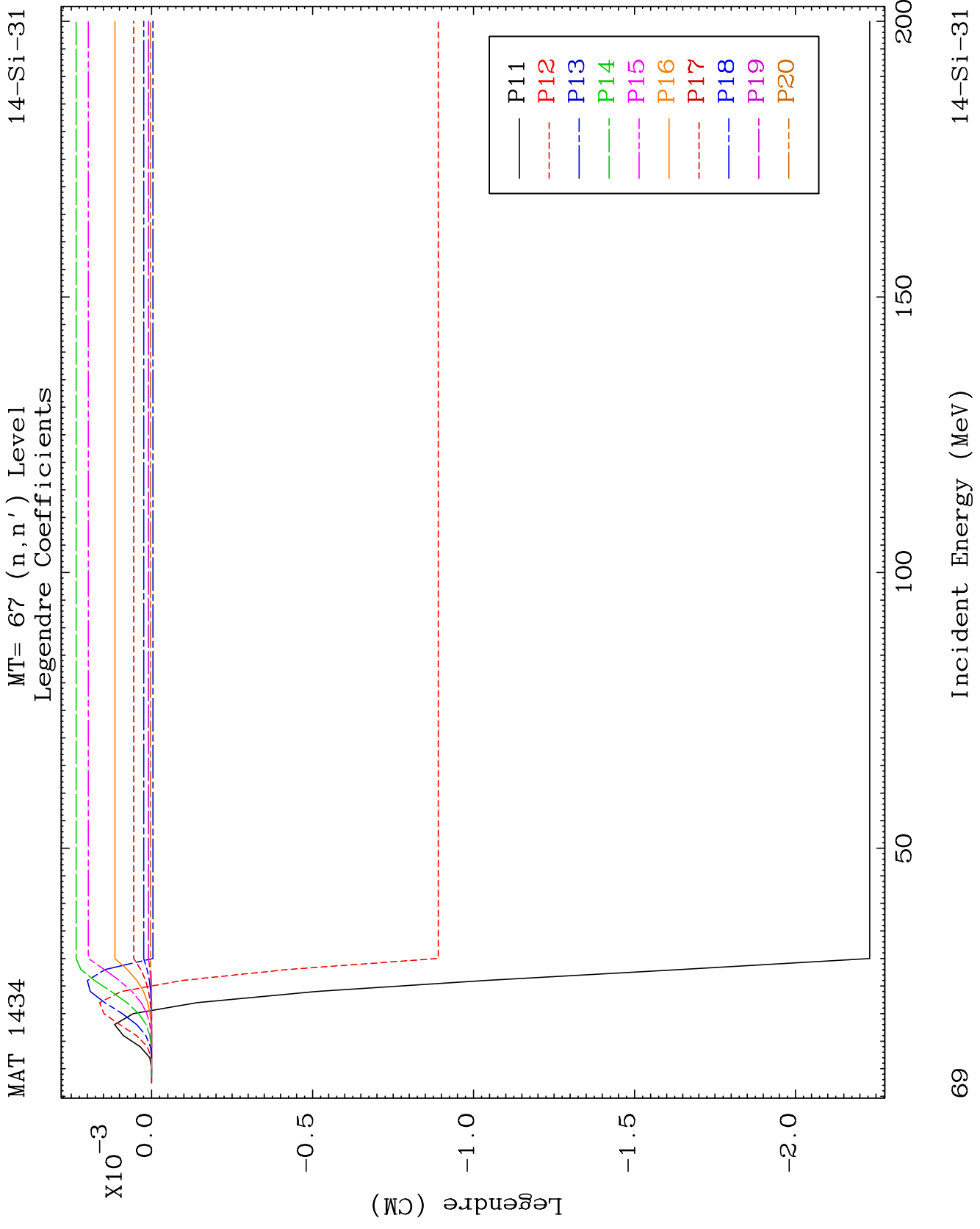
MT= 67 (n,n') Level
Legendre Coefficients

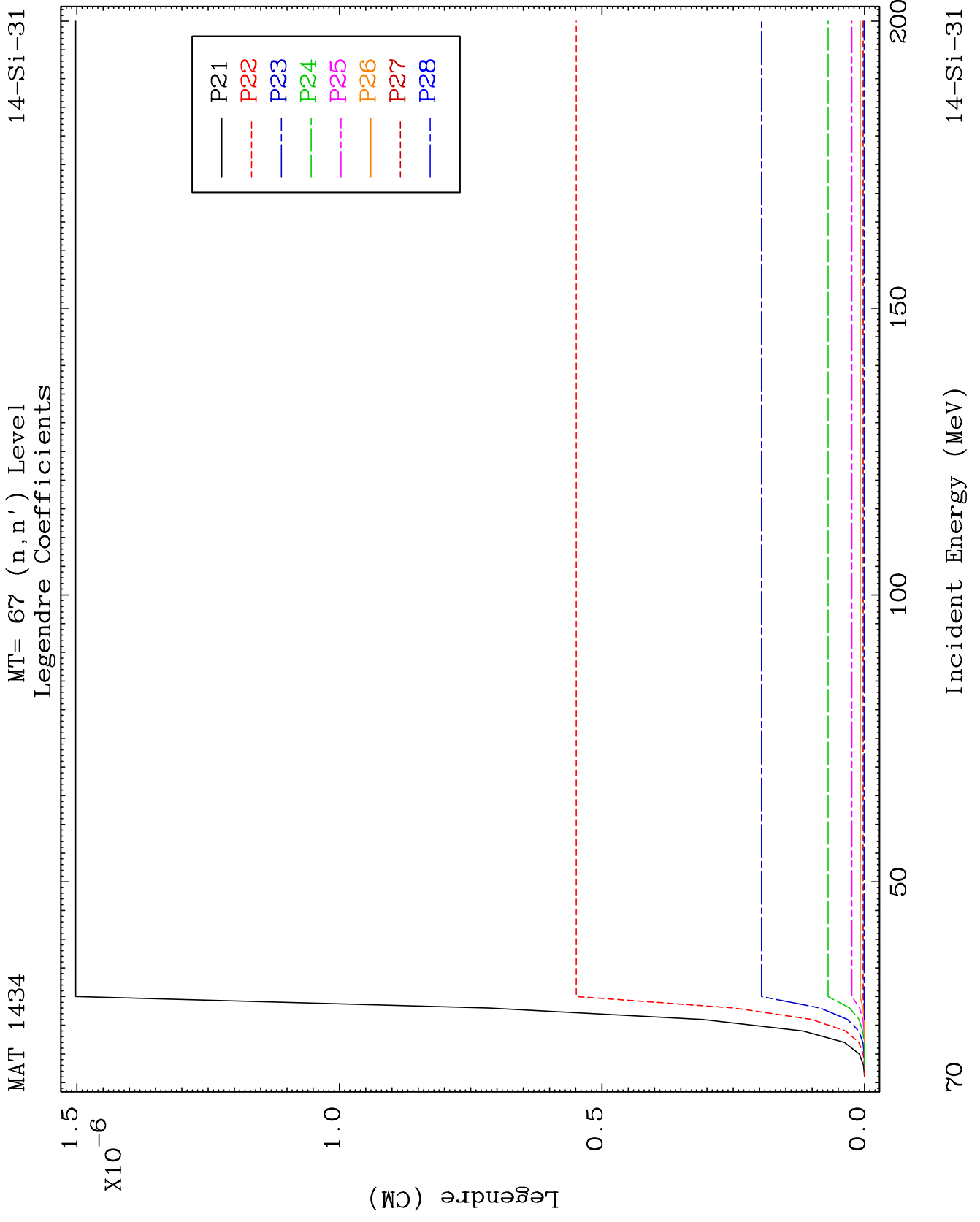
14-Si-31



68

14-Si-31

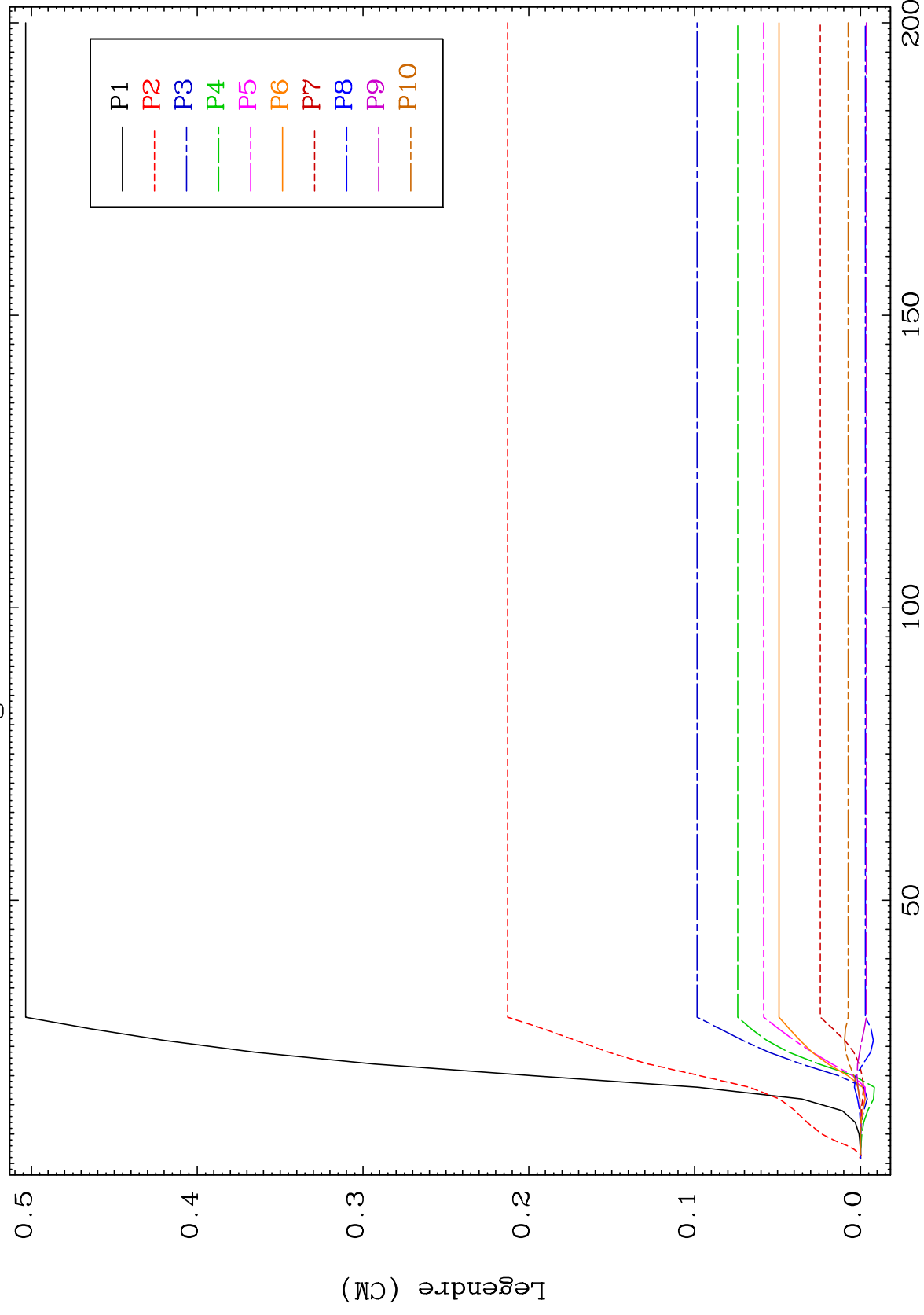




MAT 1434

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

14-Si-31



71

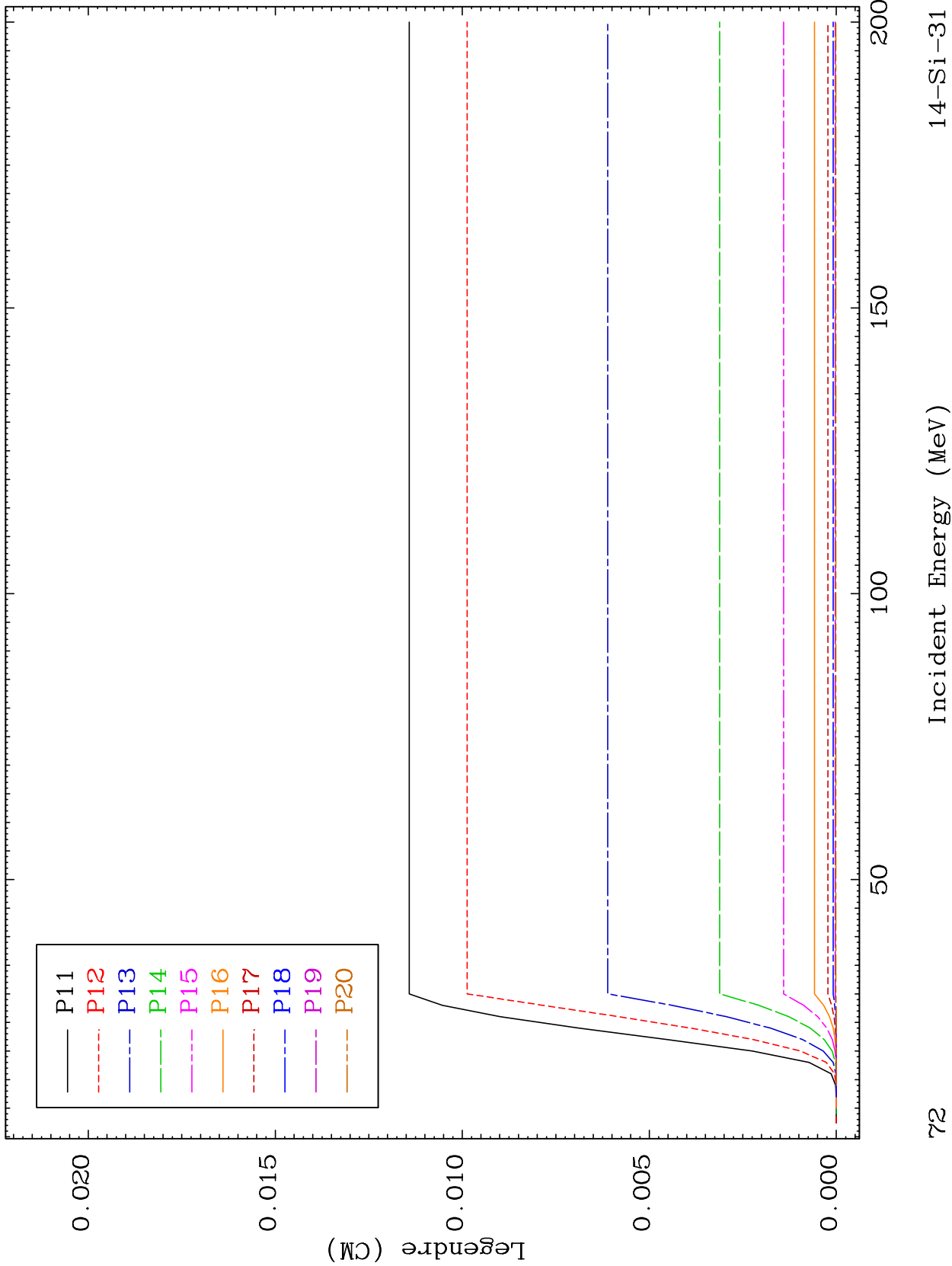
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31

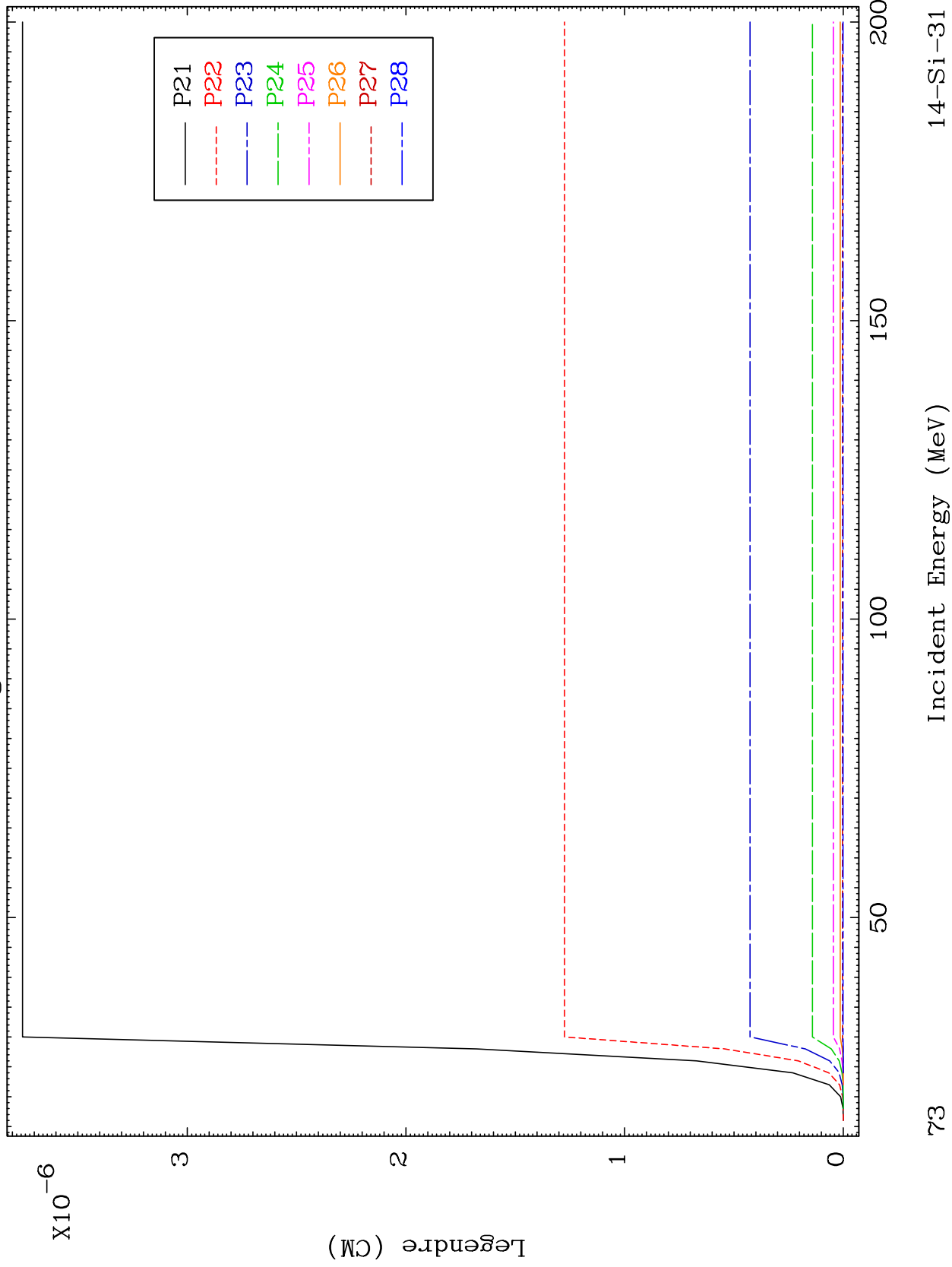


72

MAT 1434

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

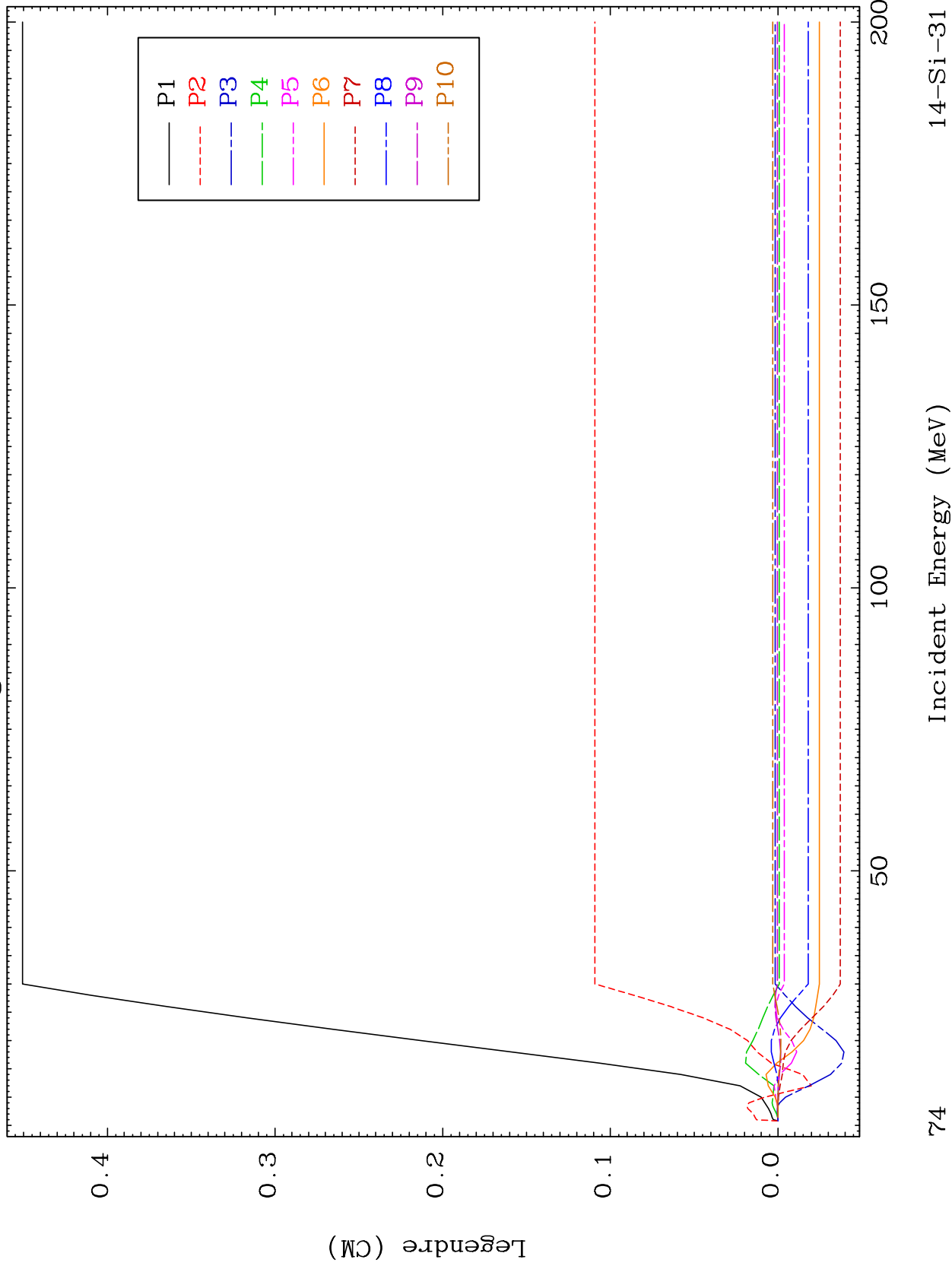
14-Si-31



MAT 1434

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

14-Si-31



74

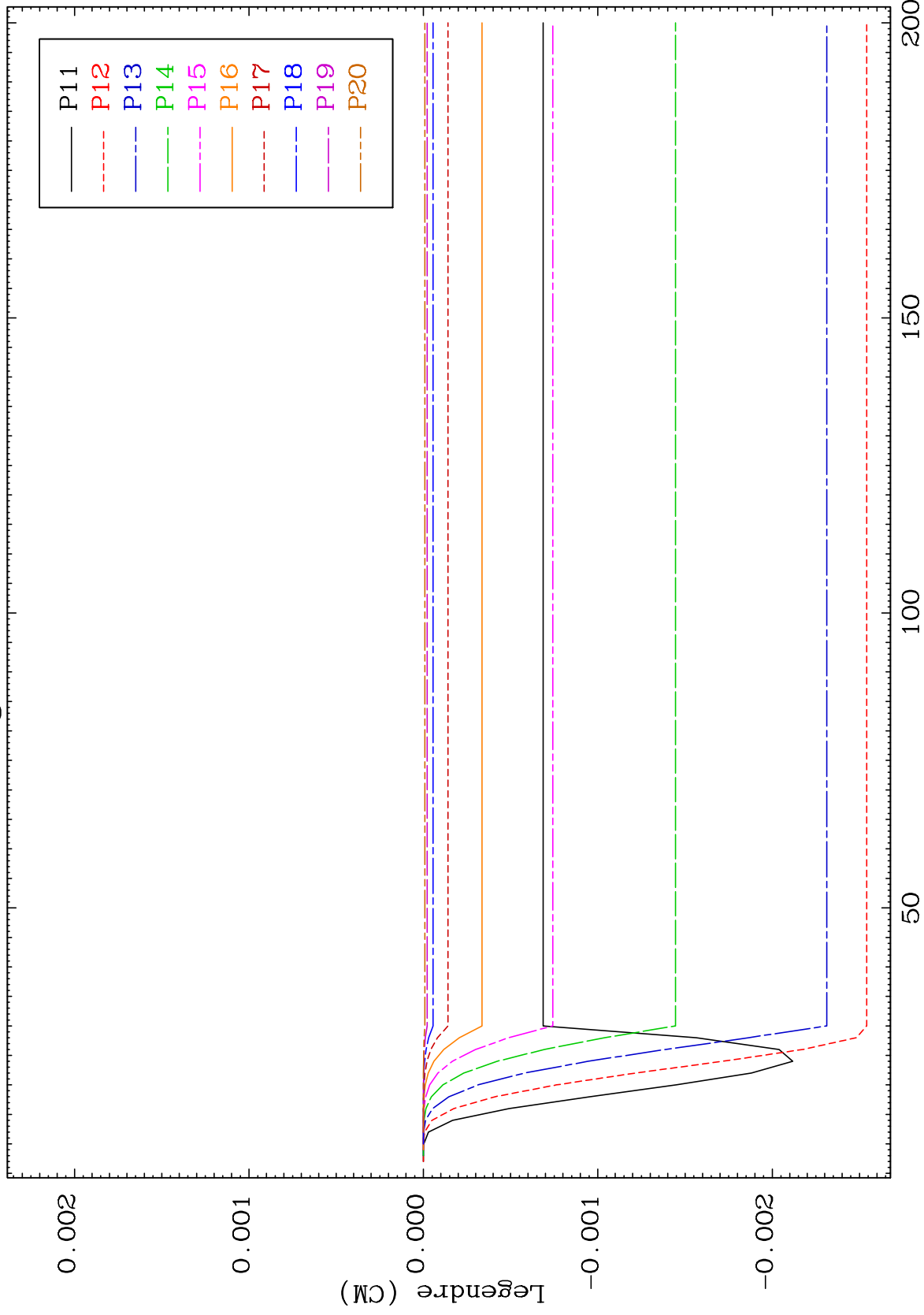
Incident Energy (MeV)

14-Si-31

MAT 1434

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

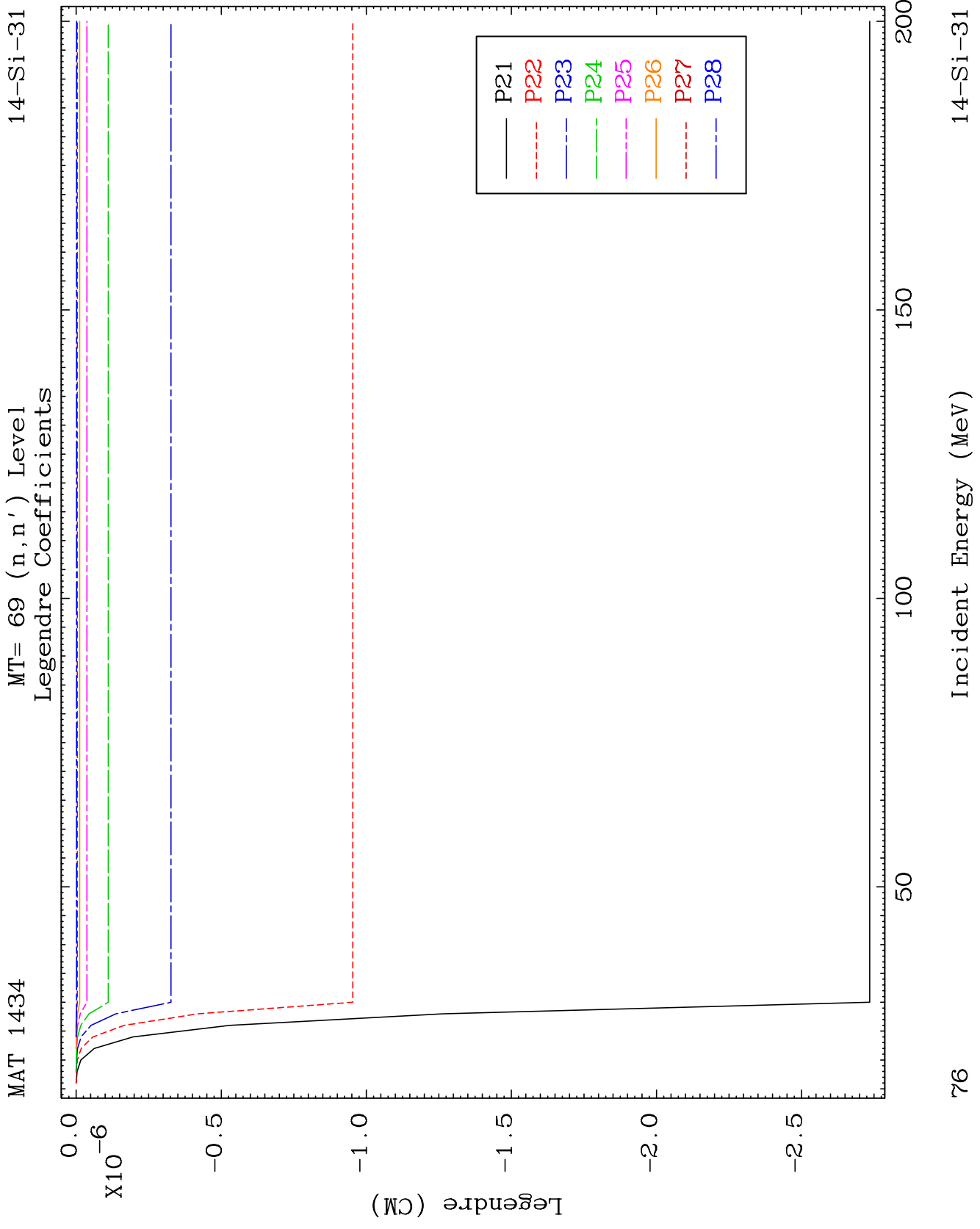
14-Si-31



75

Incident Energy (MeV)

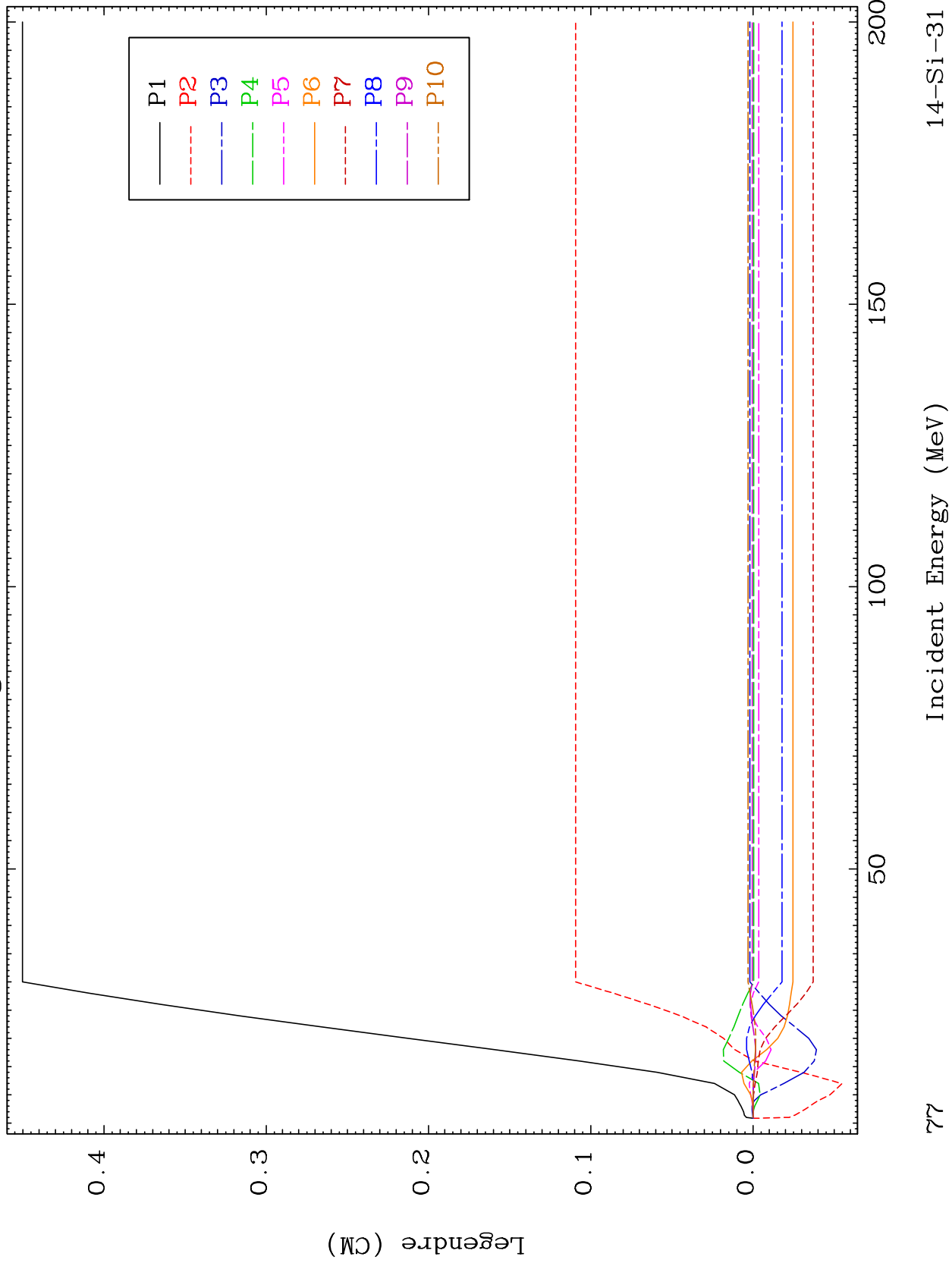
14-Si-31



MAT 1434

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

14-Si-31



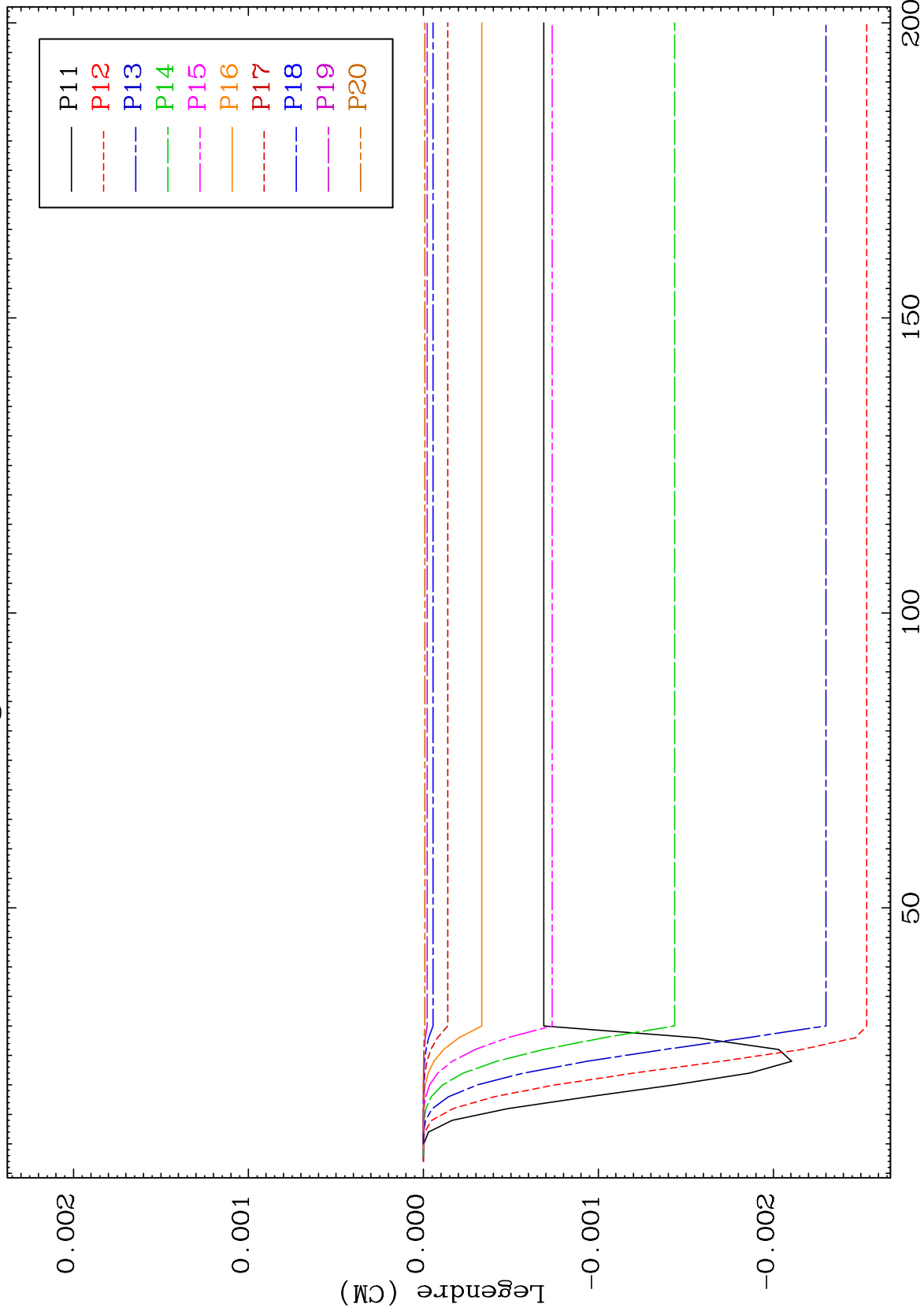
77

14-Si-31

MAT 1434

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

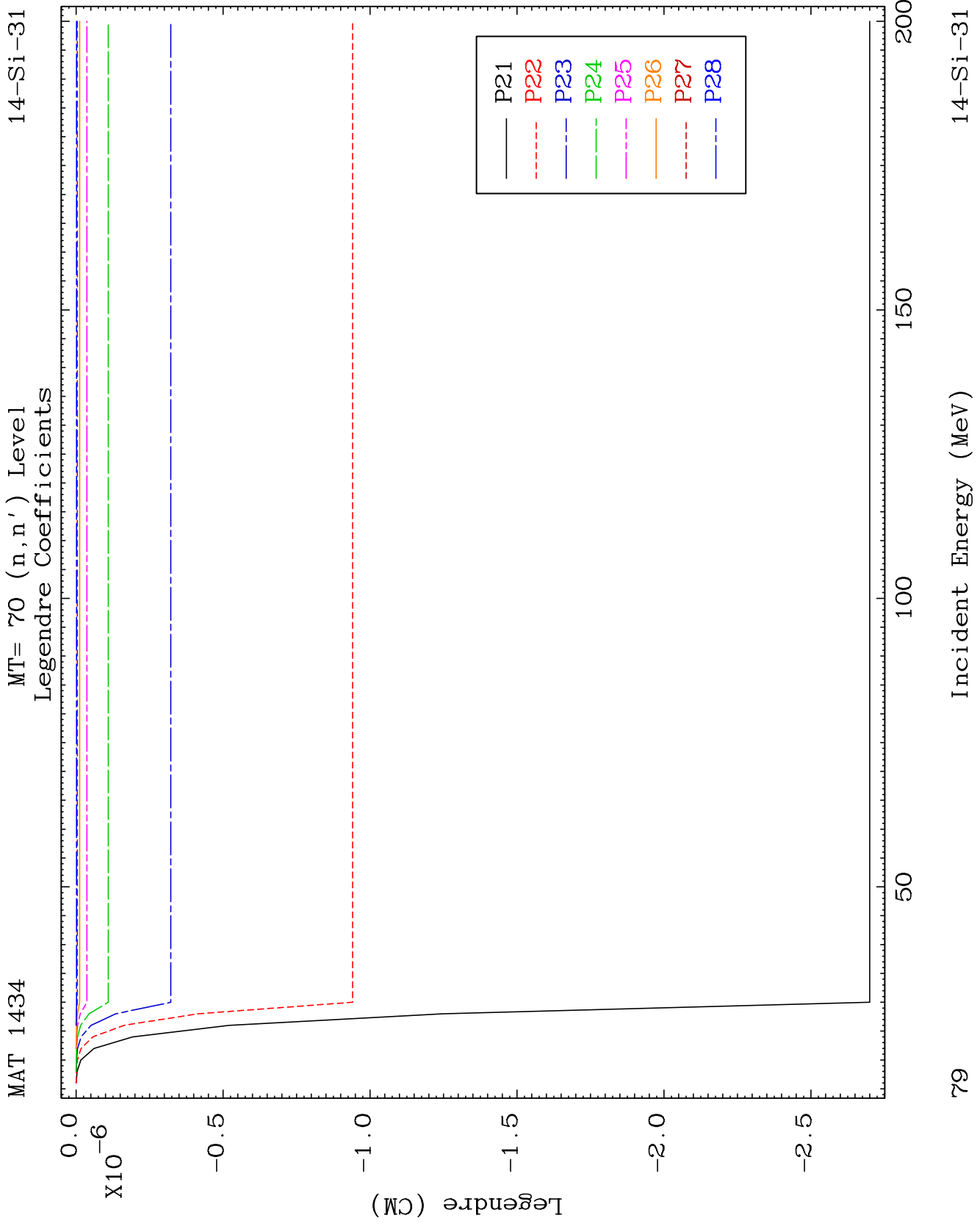
14-Si-31

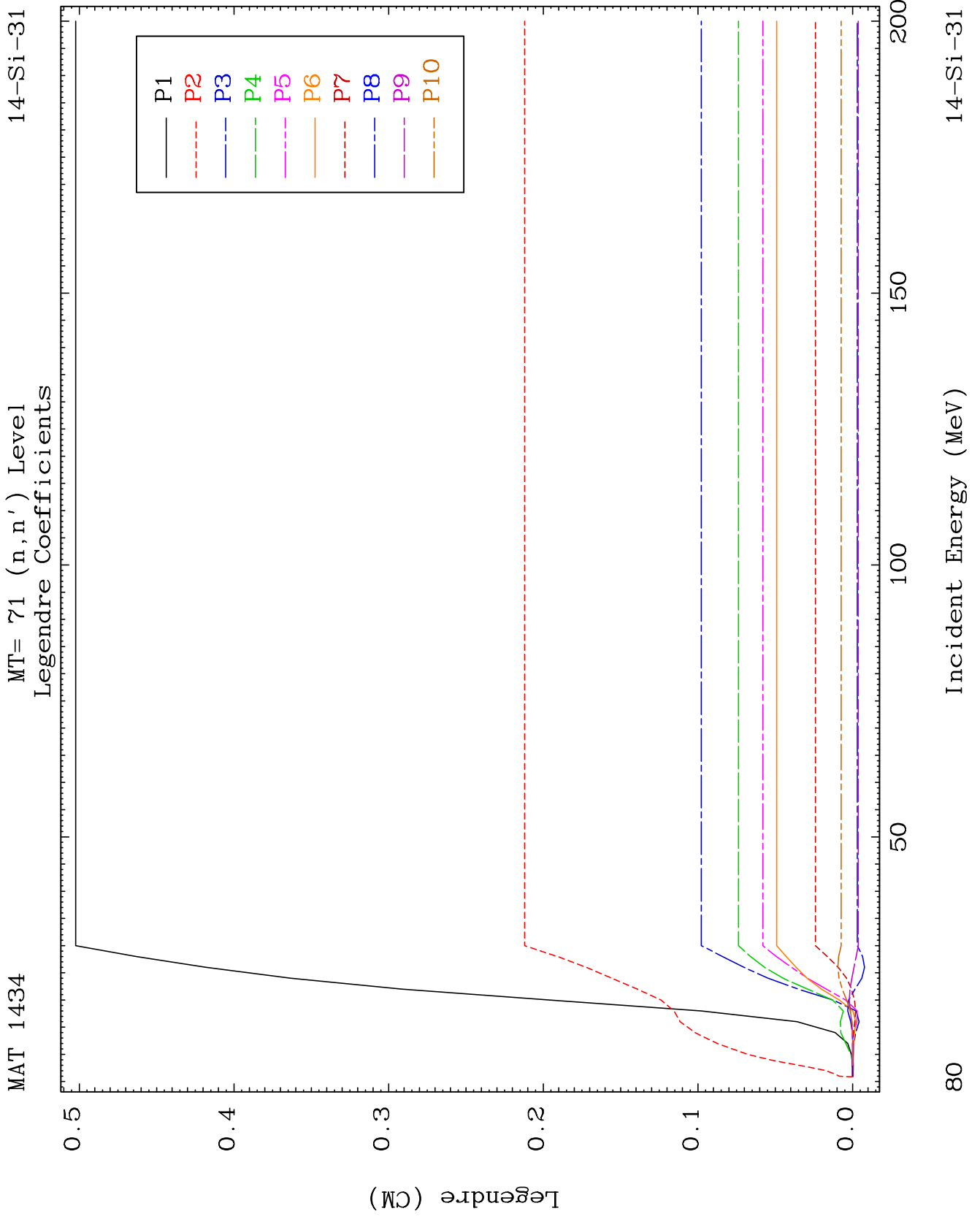


78

Incident Energy (MeV)

14-Si-31

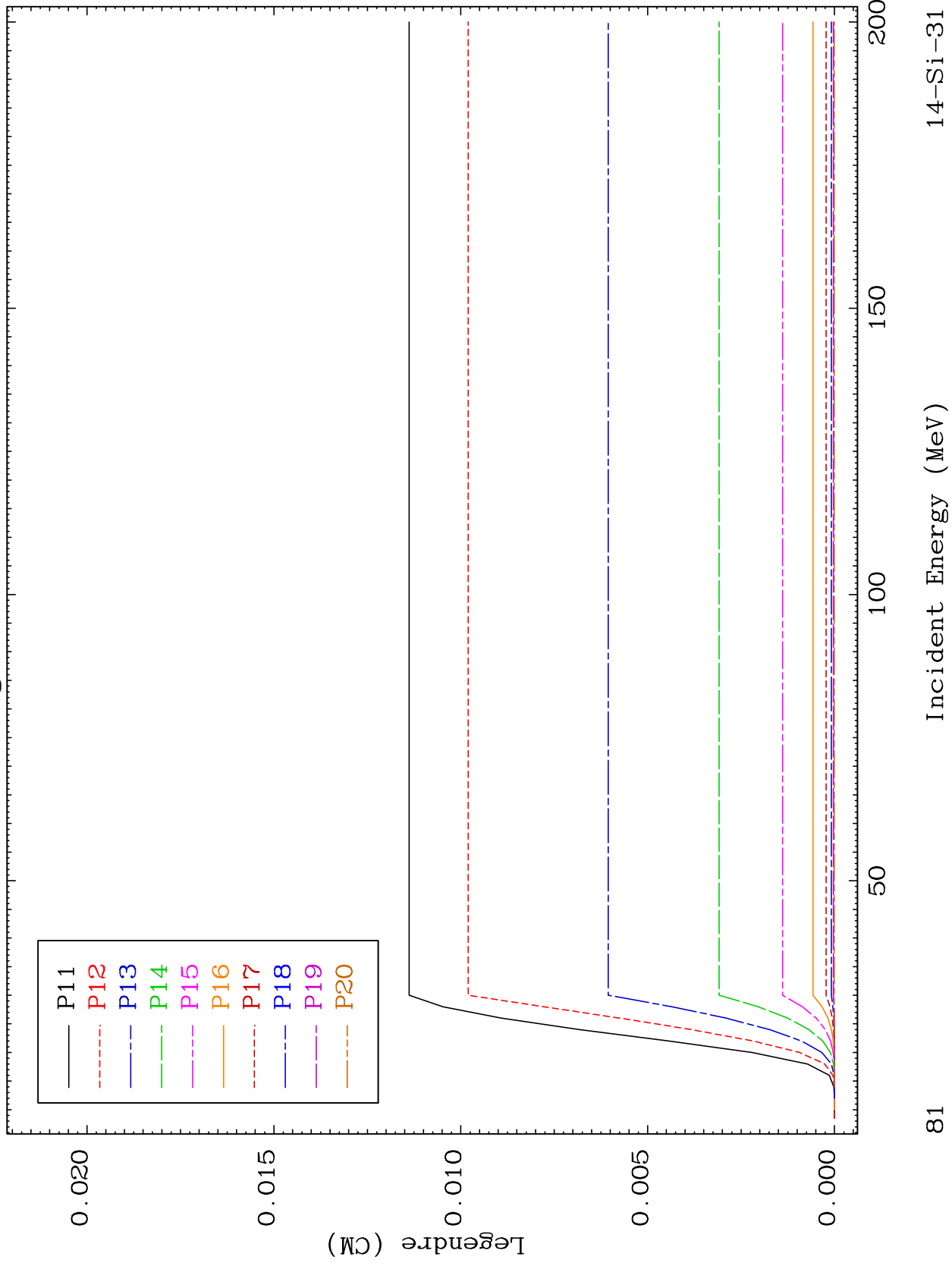




MAT 1434

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

14-Si-31



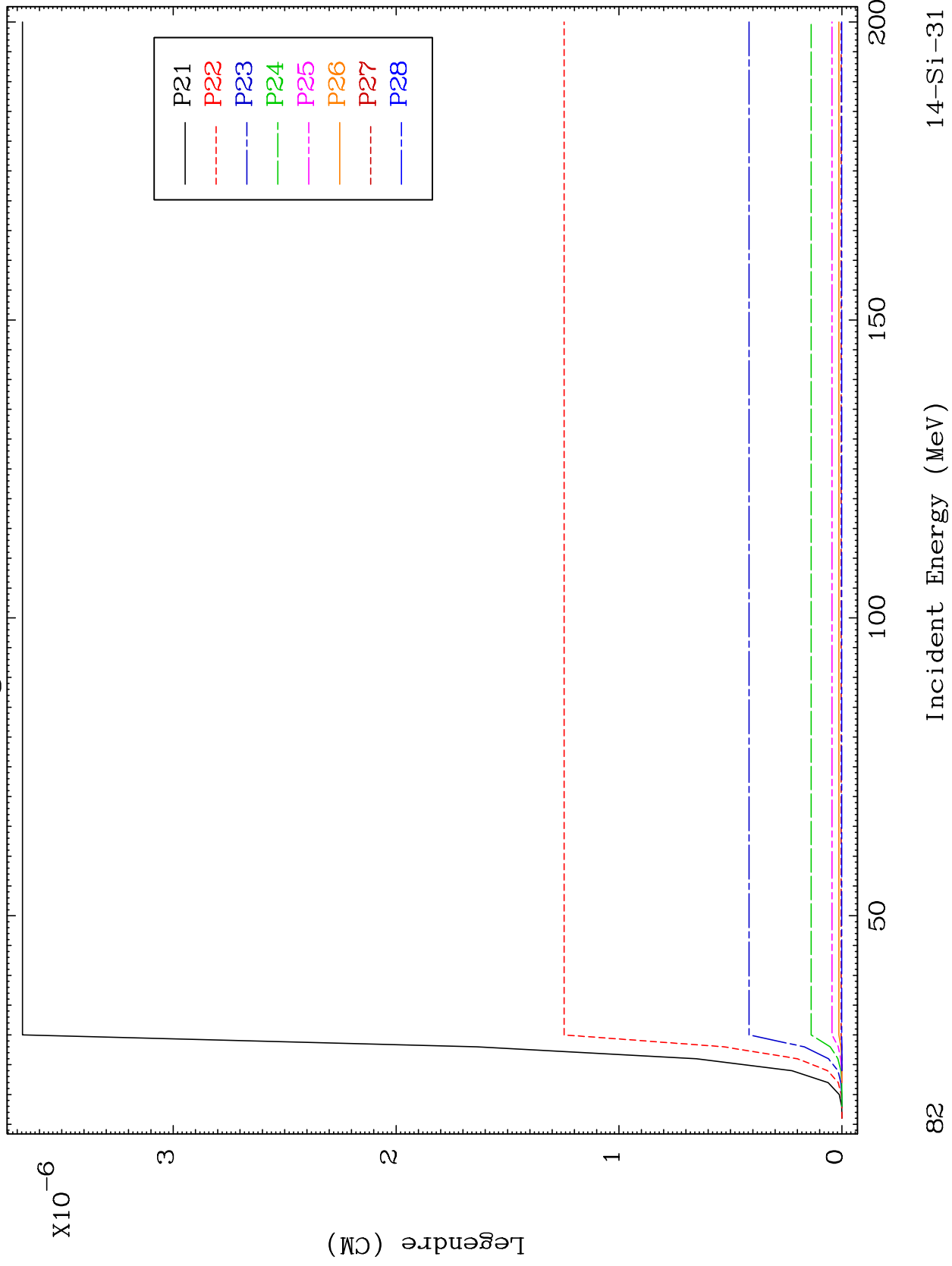
81

14-Si-31

MAT 1434

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

14-Si-31



82

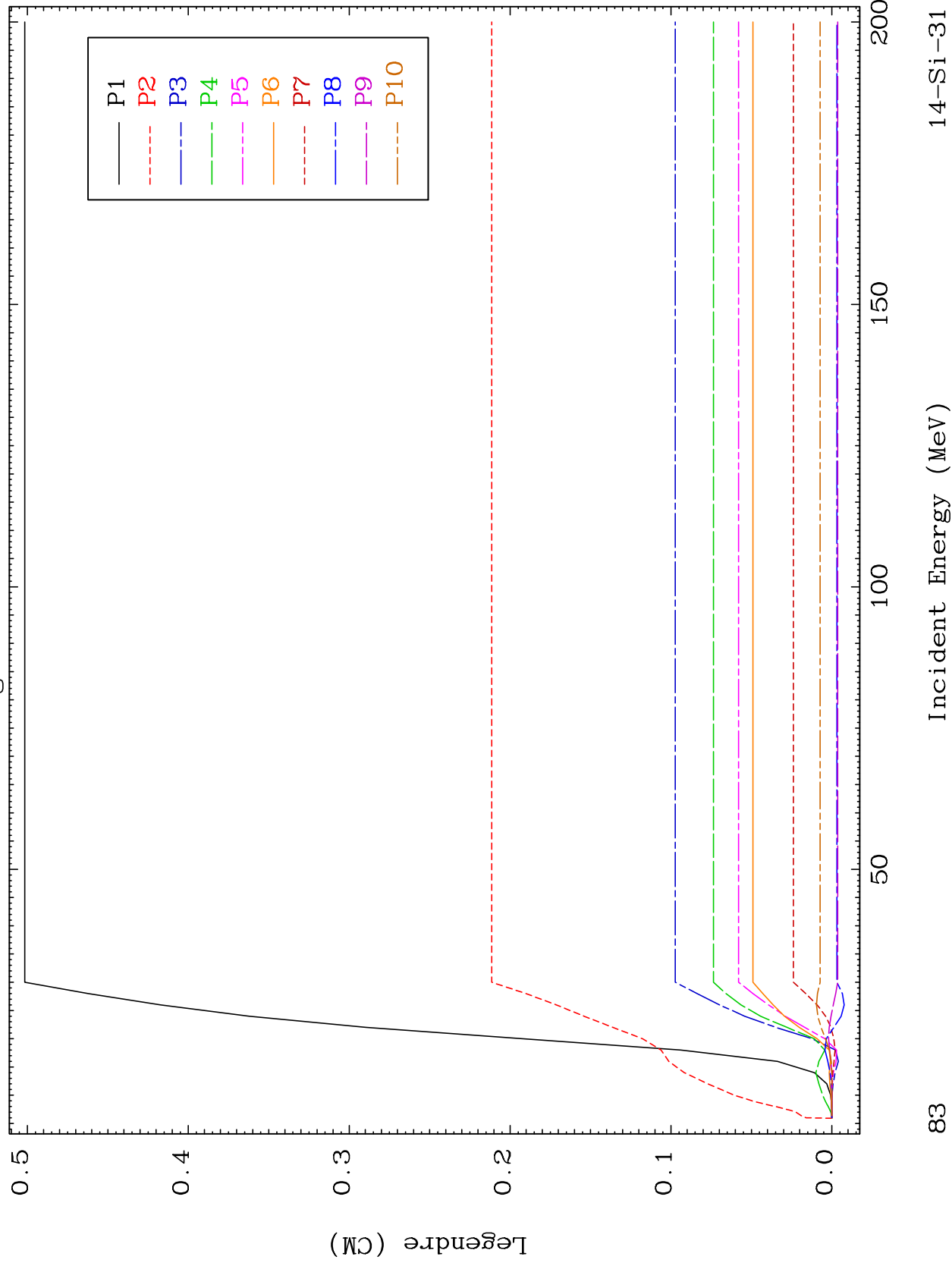
Incident Energy (MeV)

14-Si-31

MAT 1434

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

14-Si-31



83

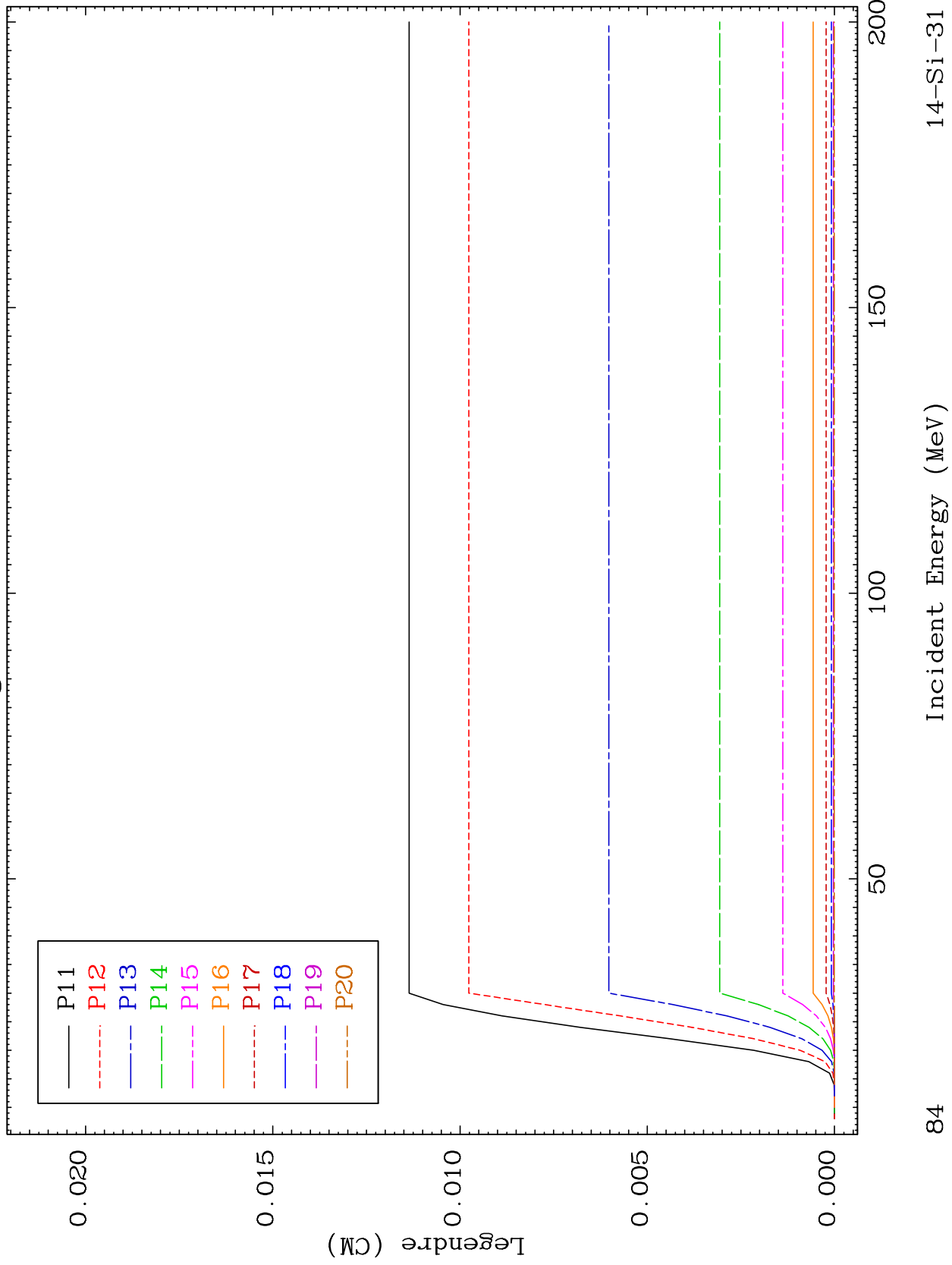
Incident Energy (MeV)

14-Si-31

MAT 1434

14-Si-31

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



84

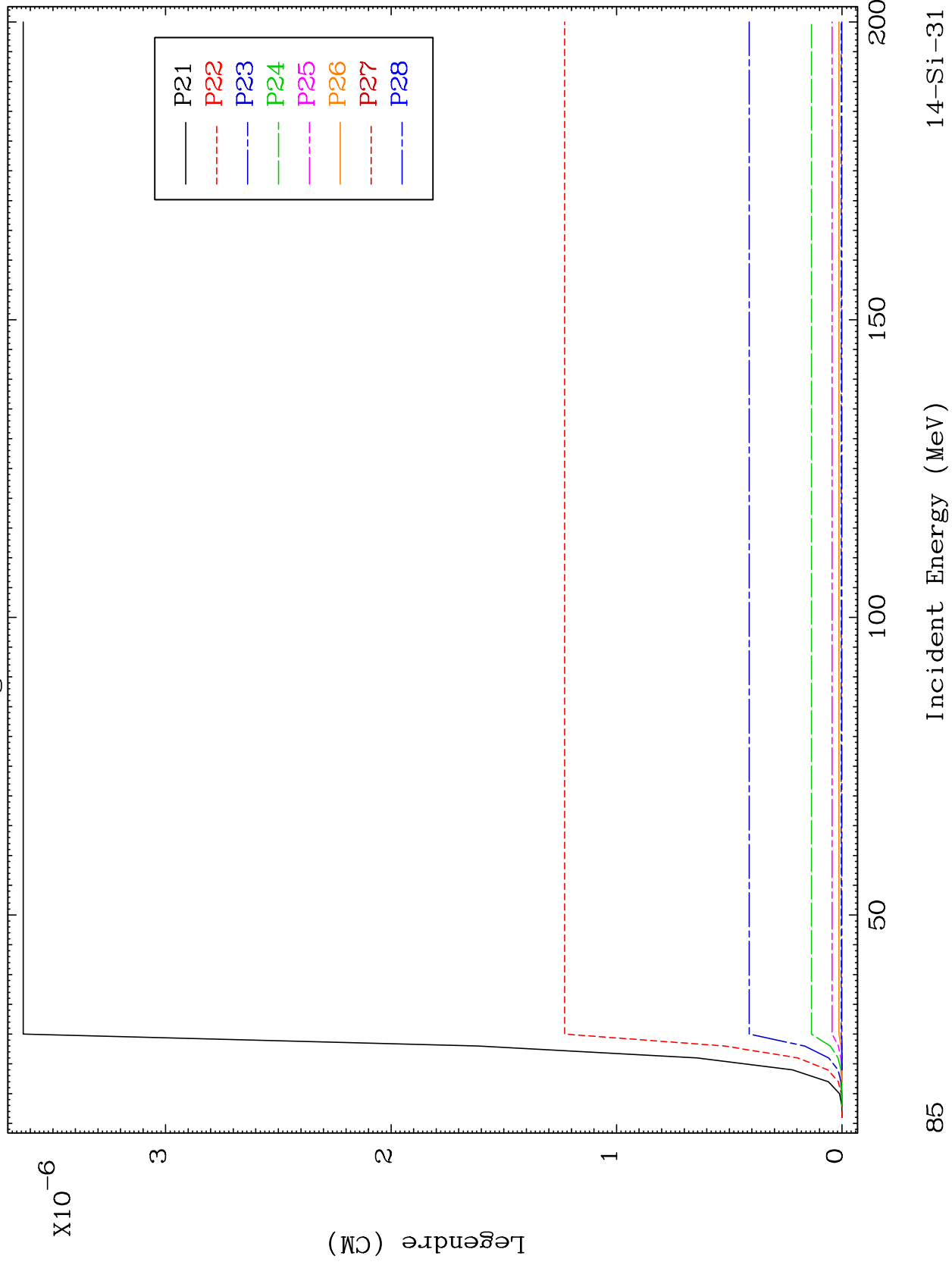
Incident Energy (MeV)

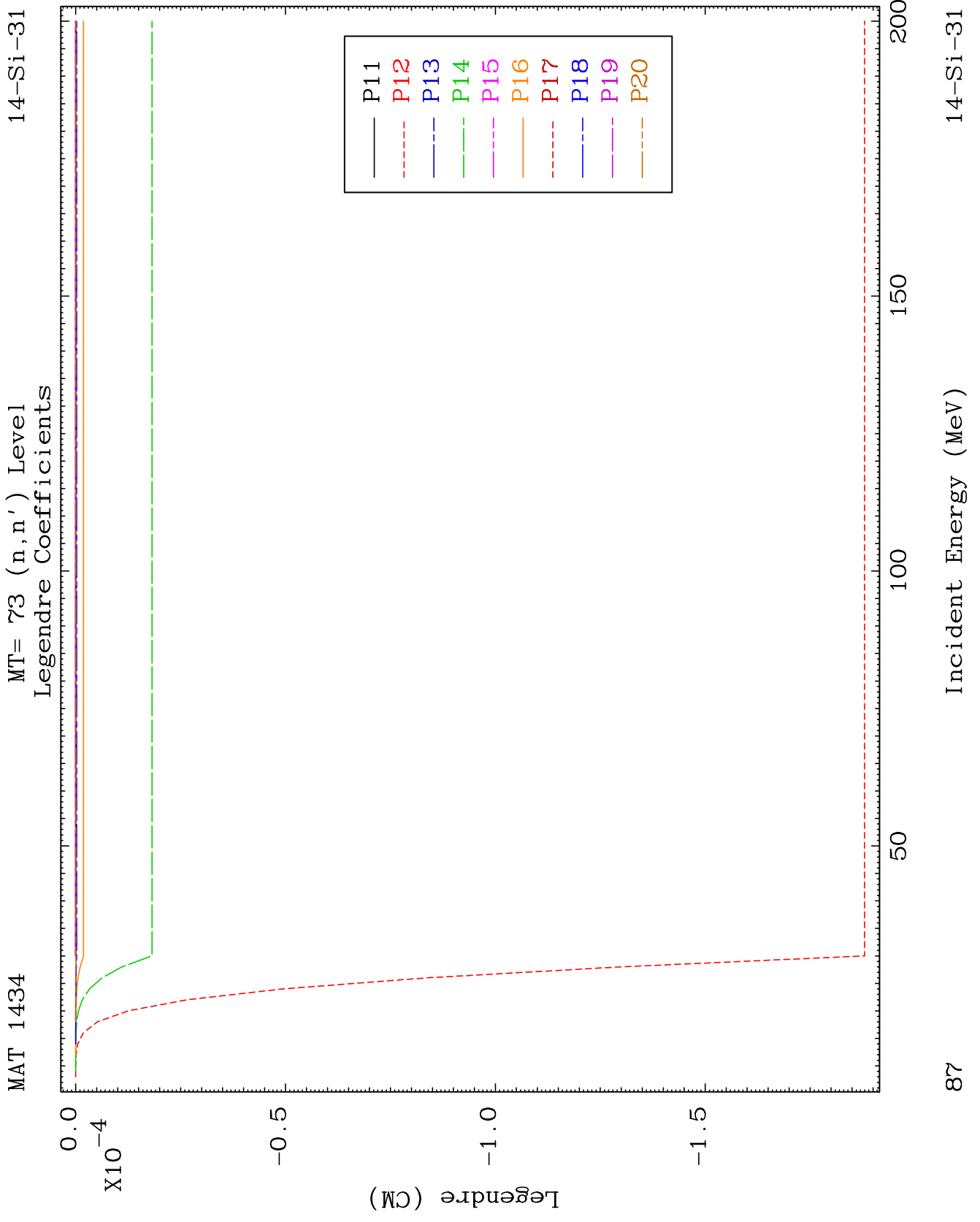
14-Si-31

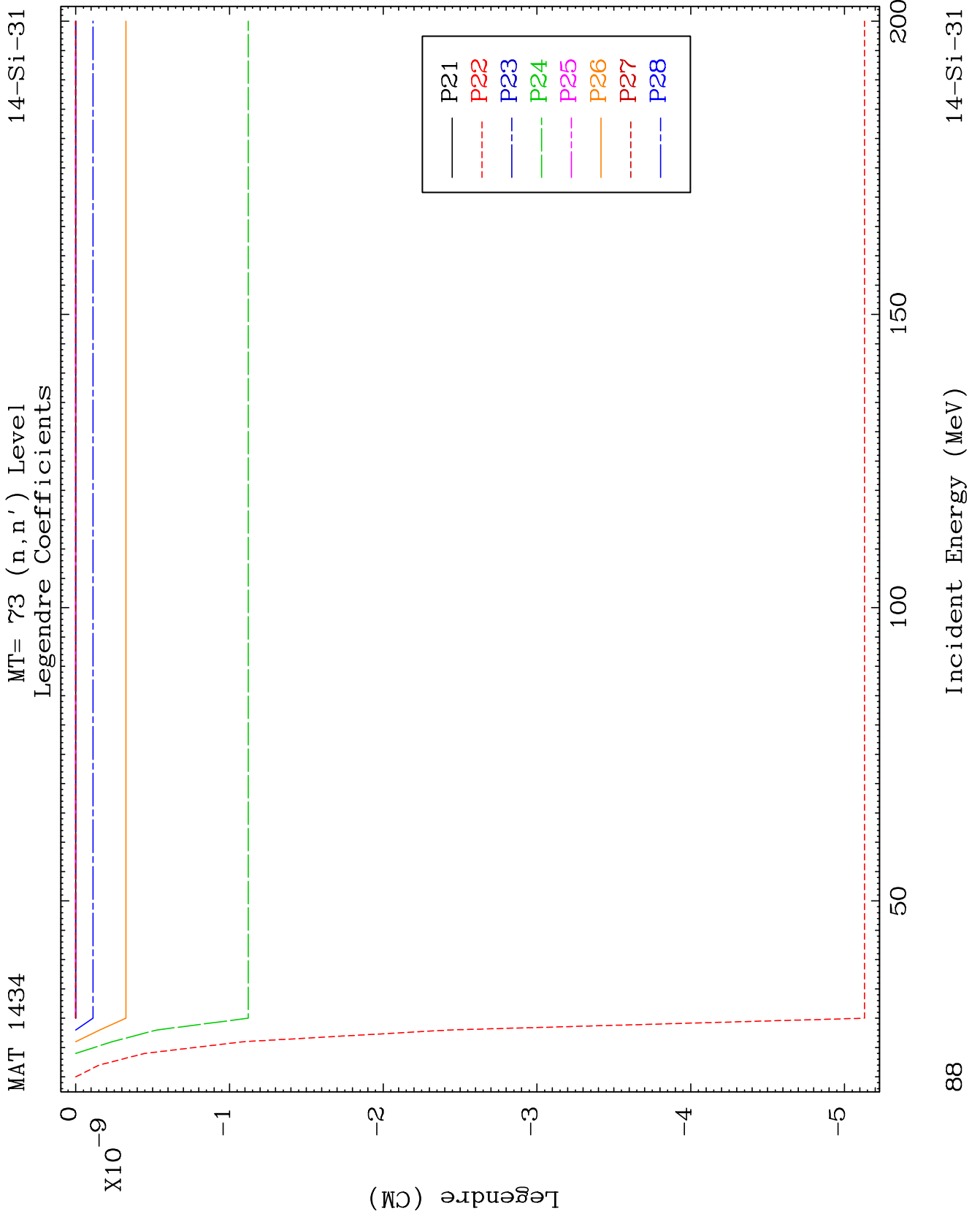
MAT 1434

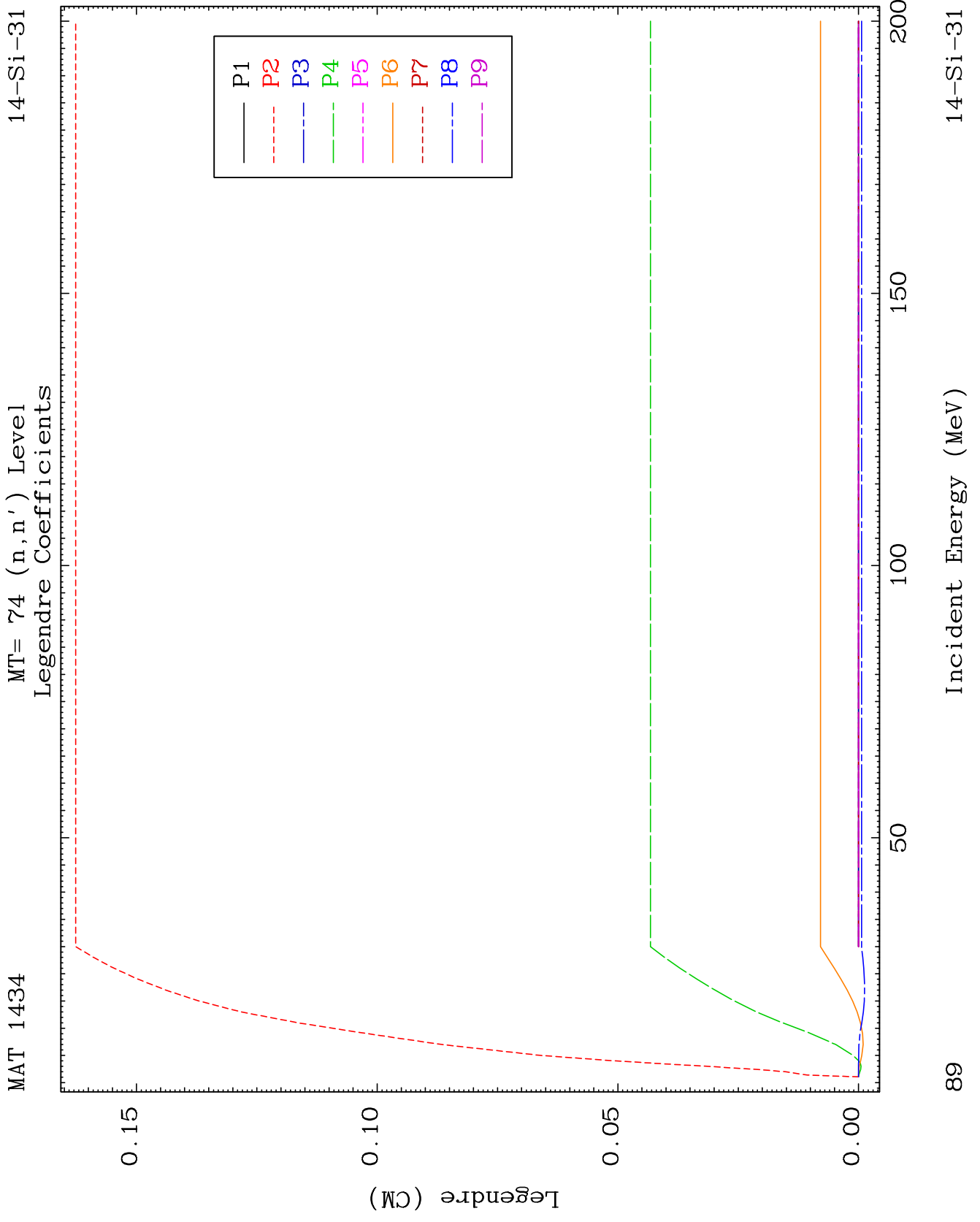
MT= 72 (n,n') Level
Legendre Coefficients

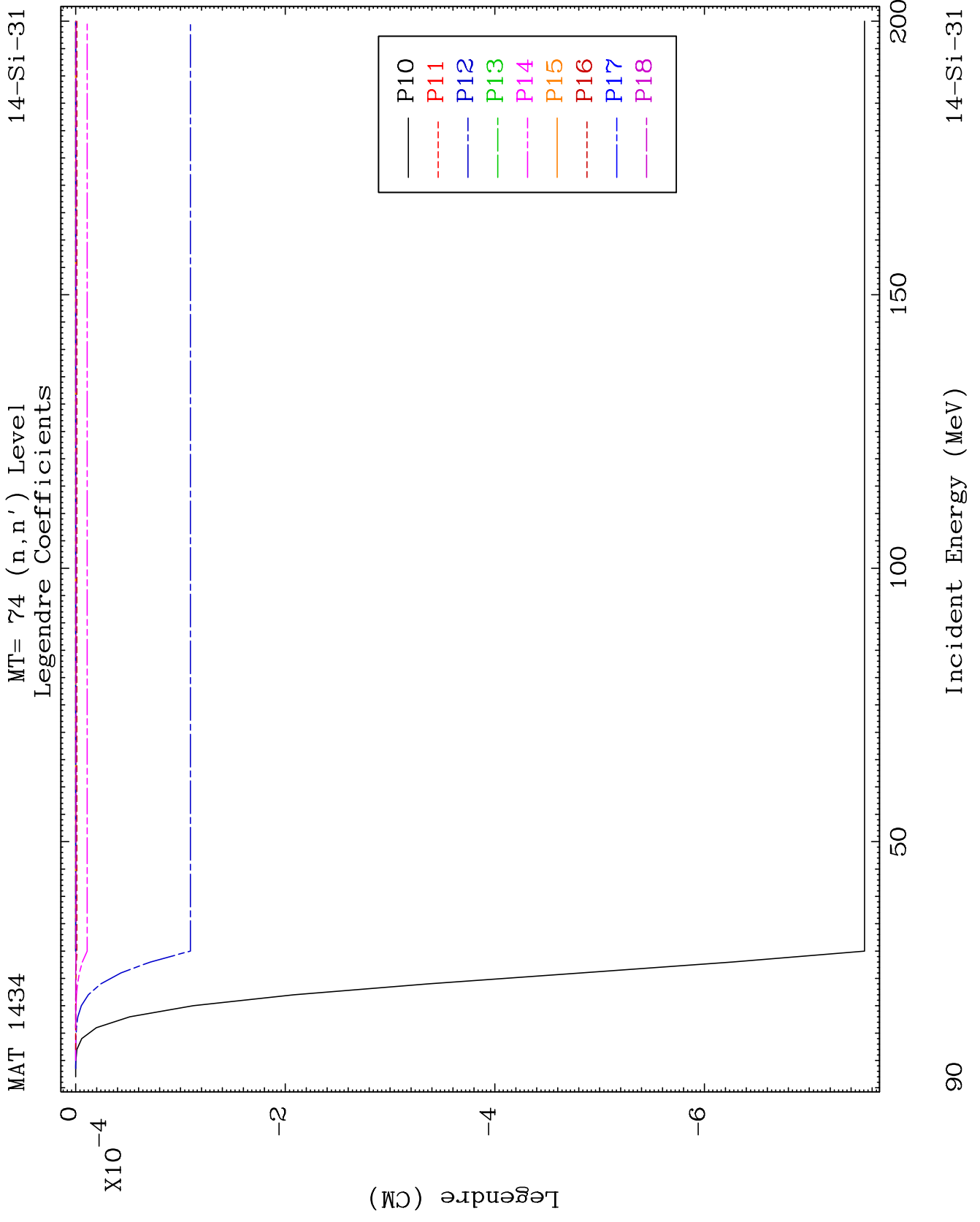
14-Si-31

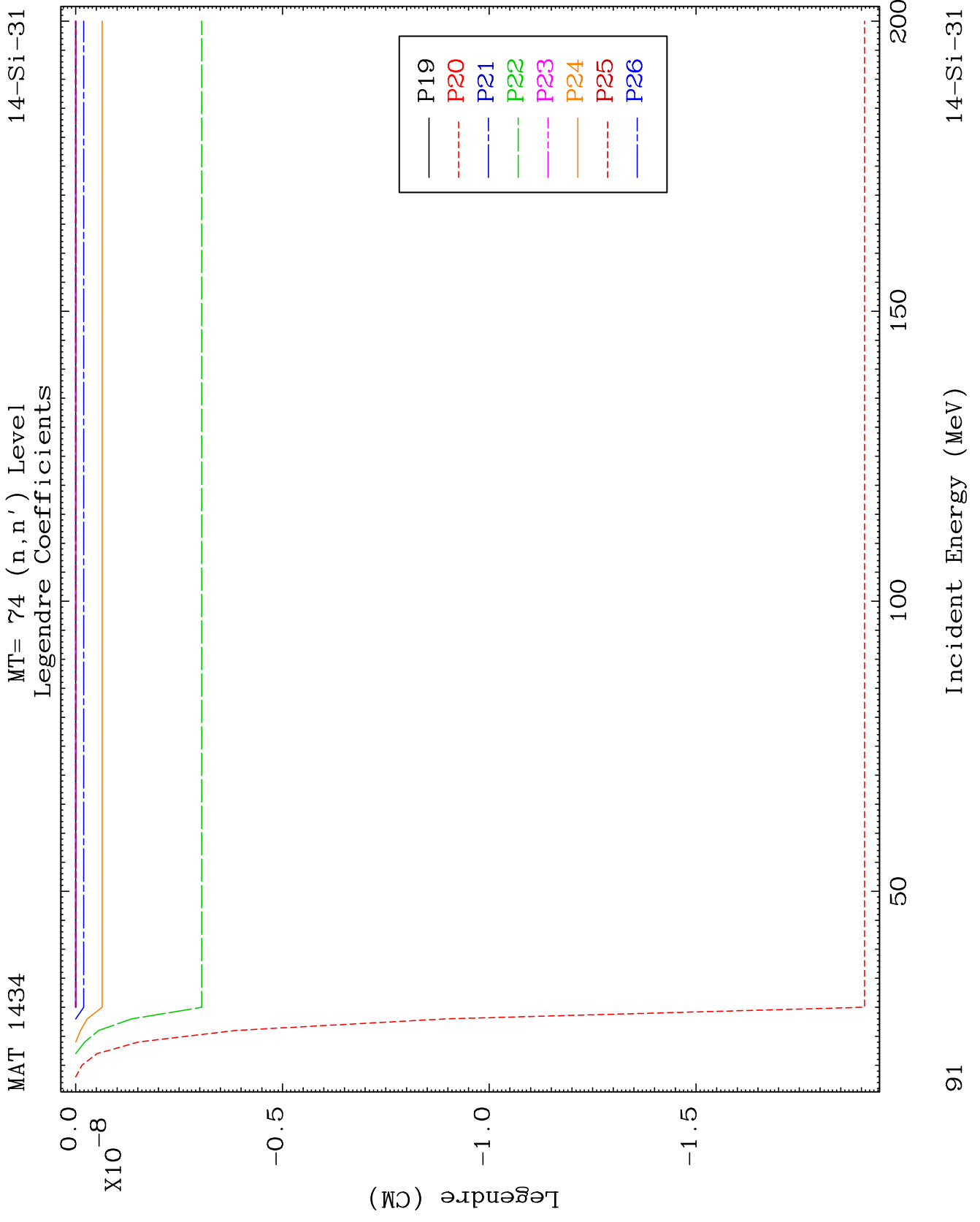


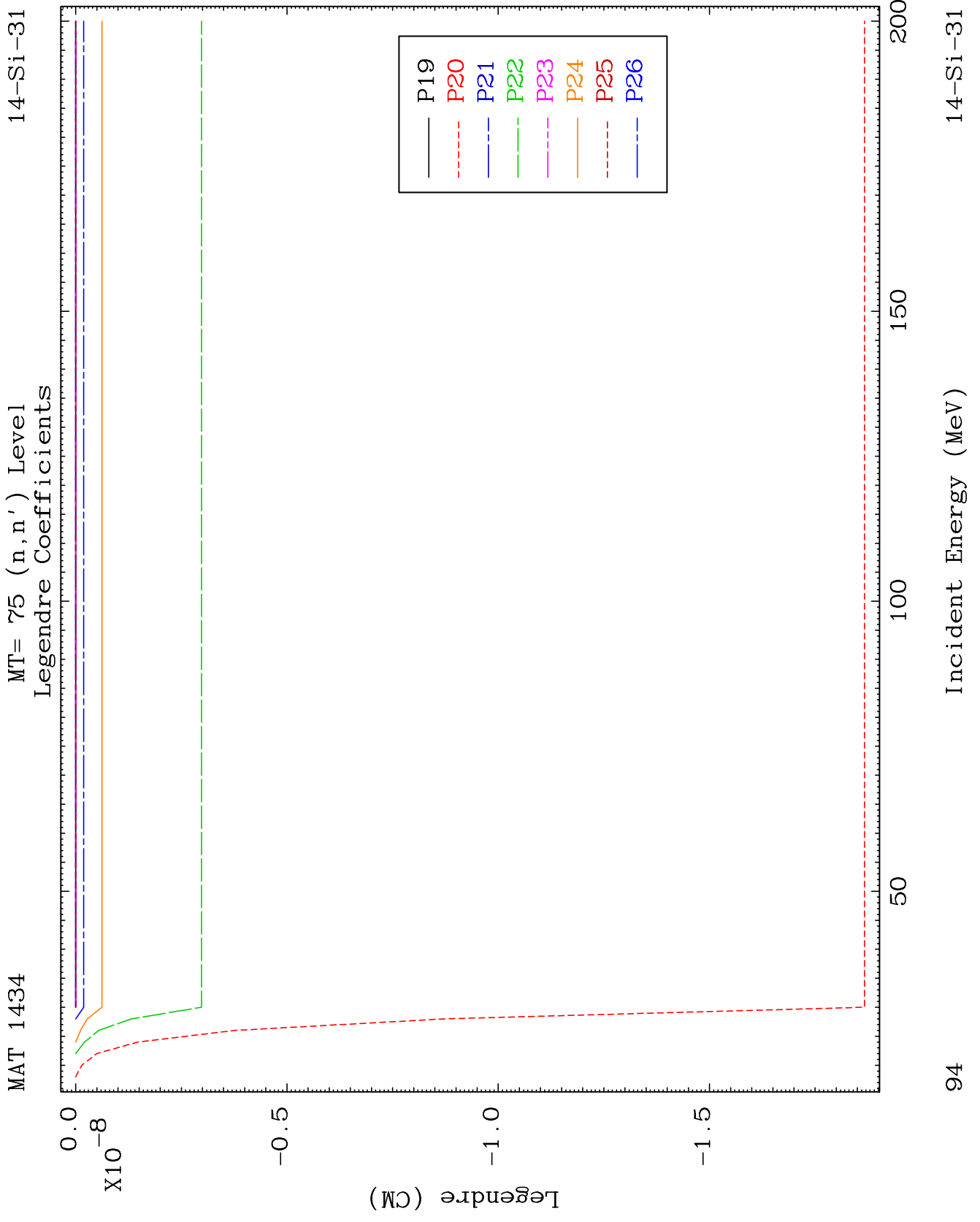








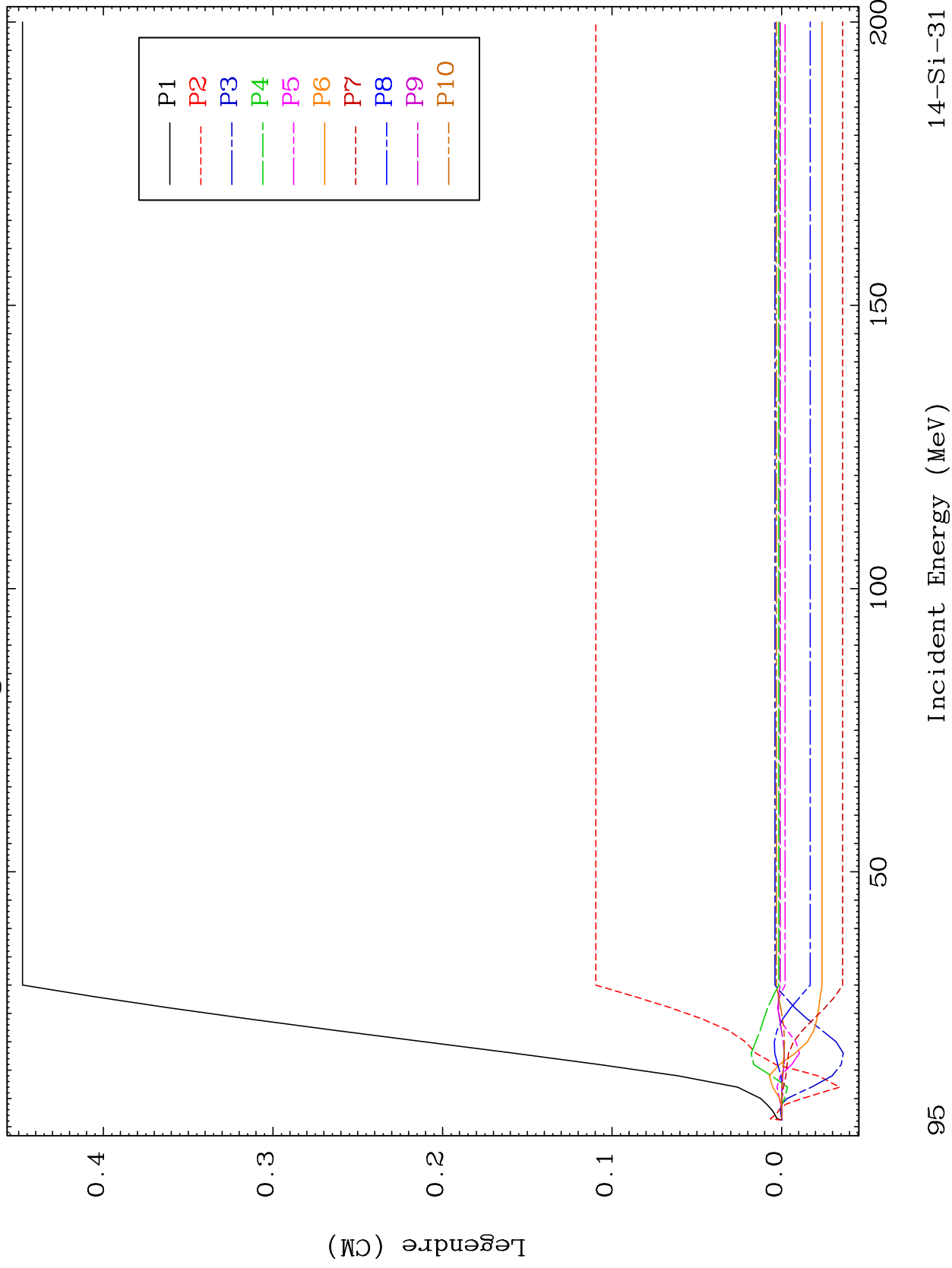




MAT 1434

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

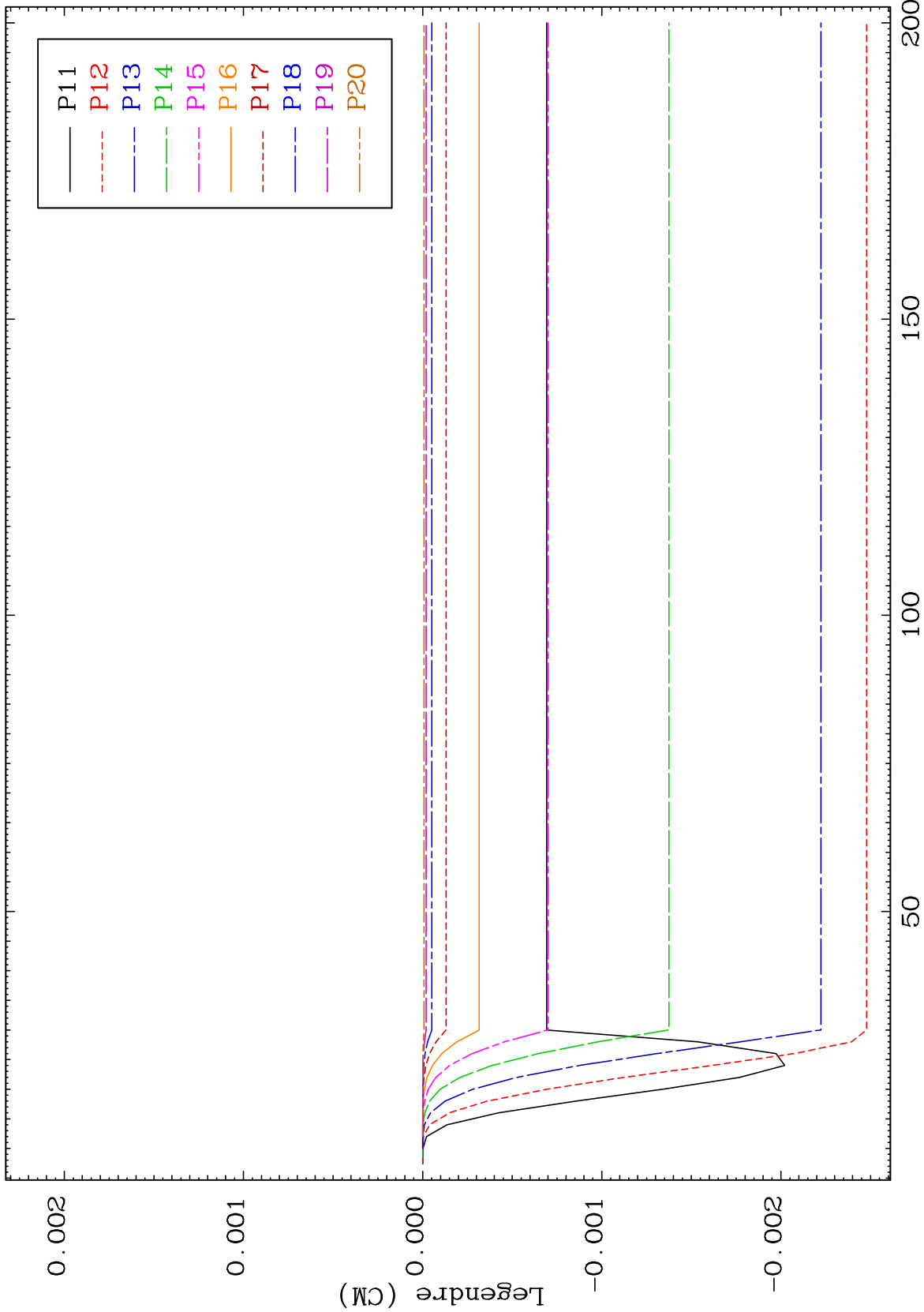
14-Si-31

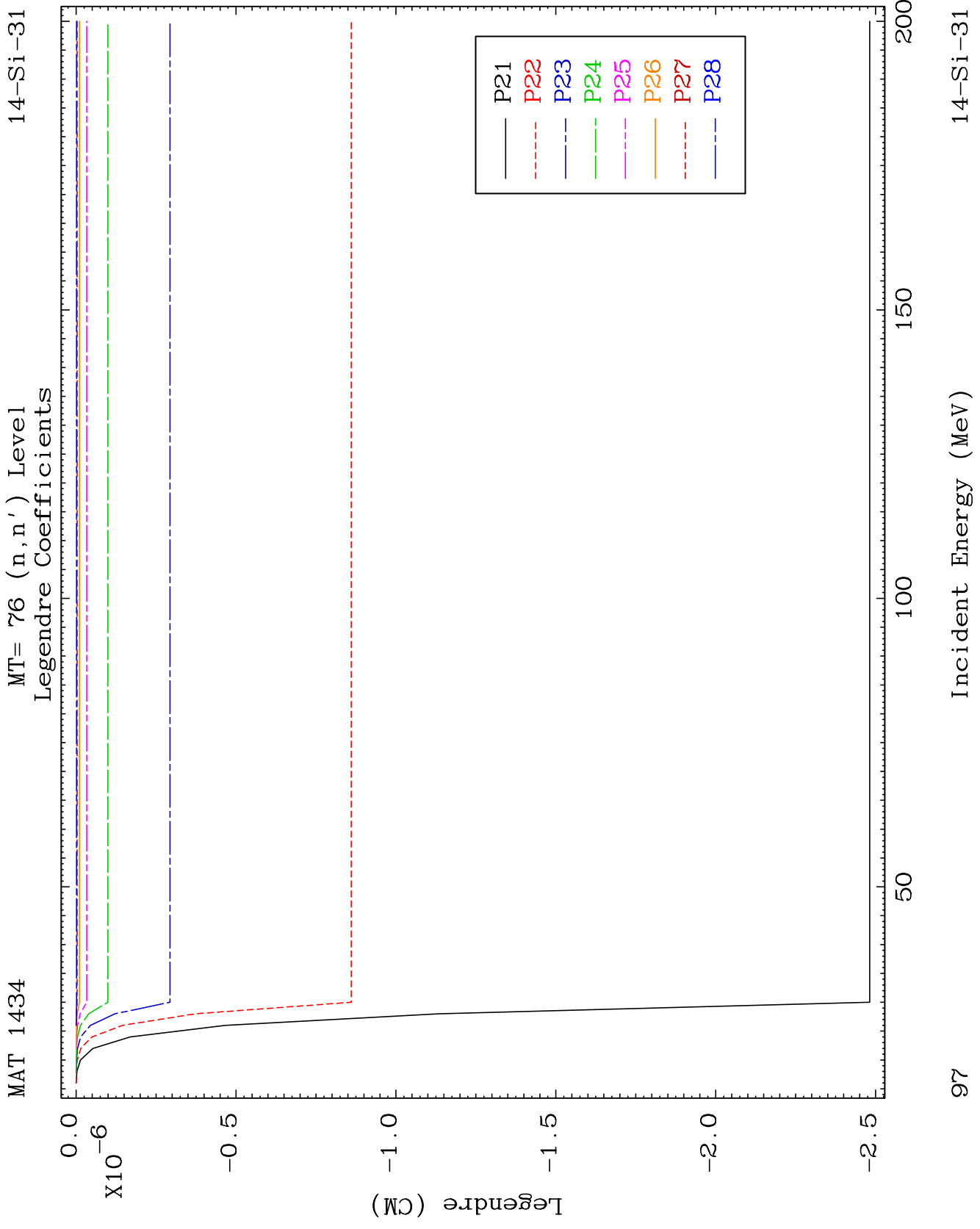


MAT 1434

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

14-Si-31

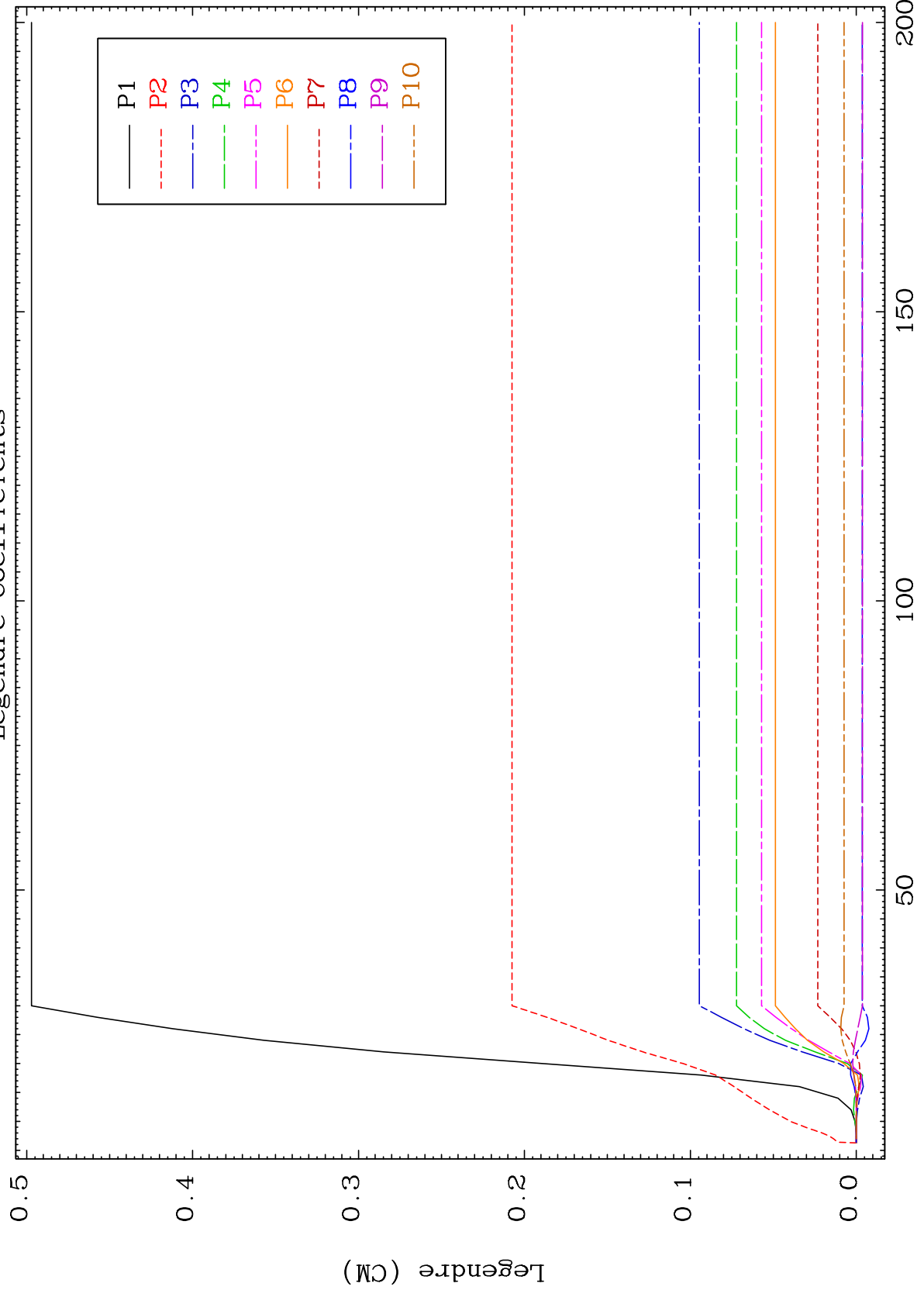




MAT 1434

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

14-Si-31



98

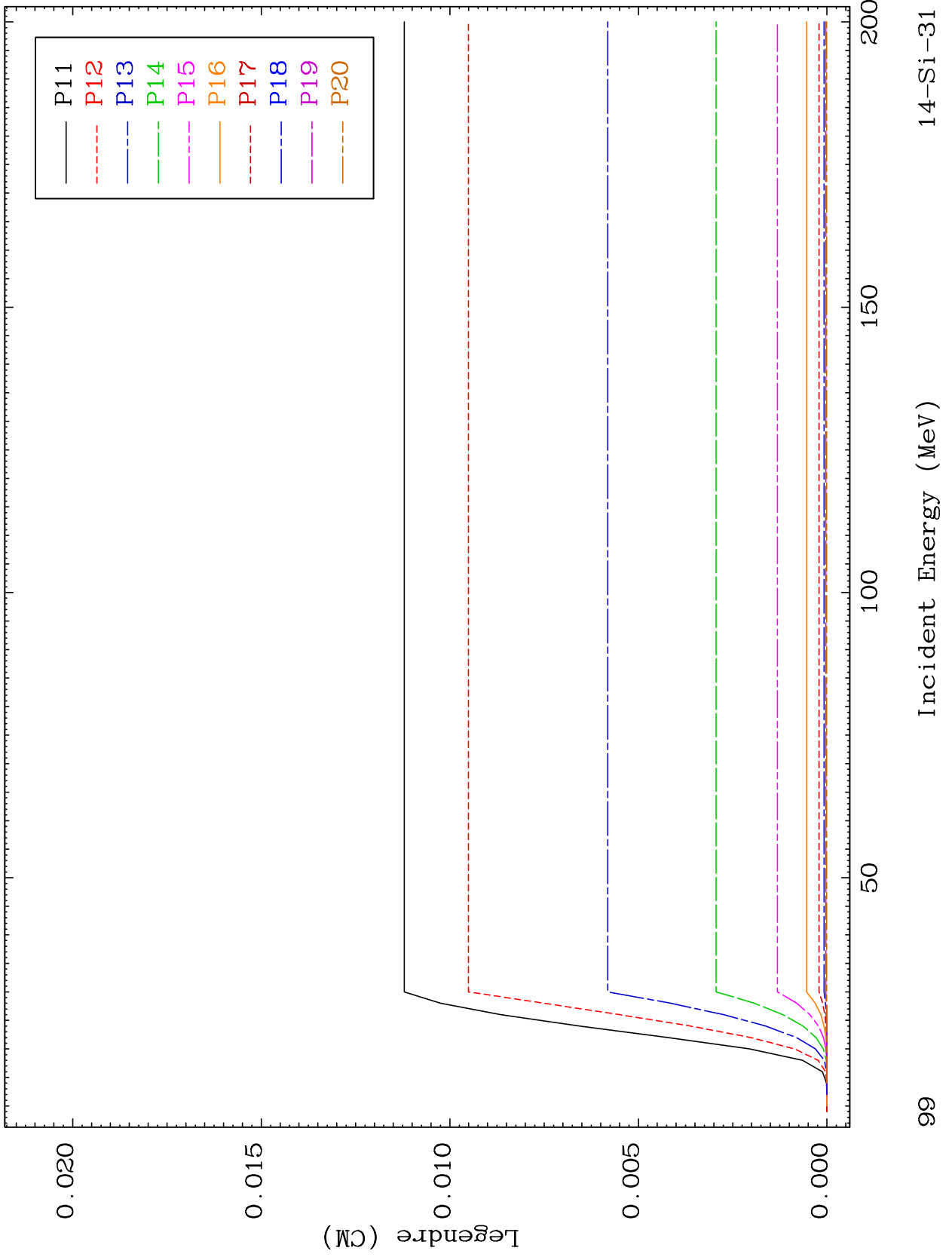
Incident Energy (MeV)

14-Si-31

MAT 1434

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

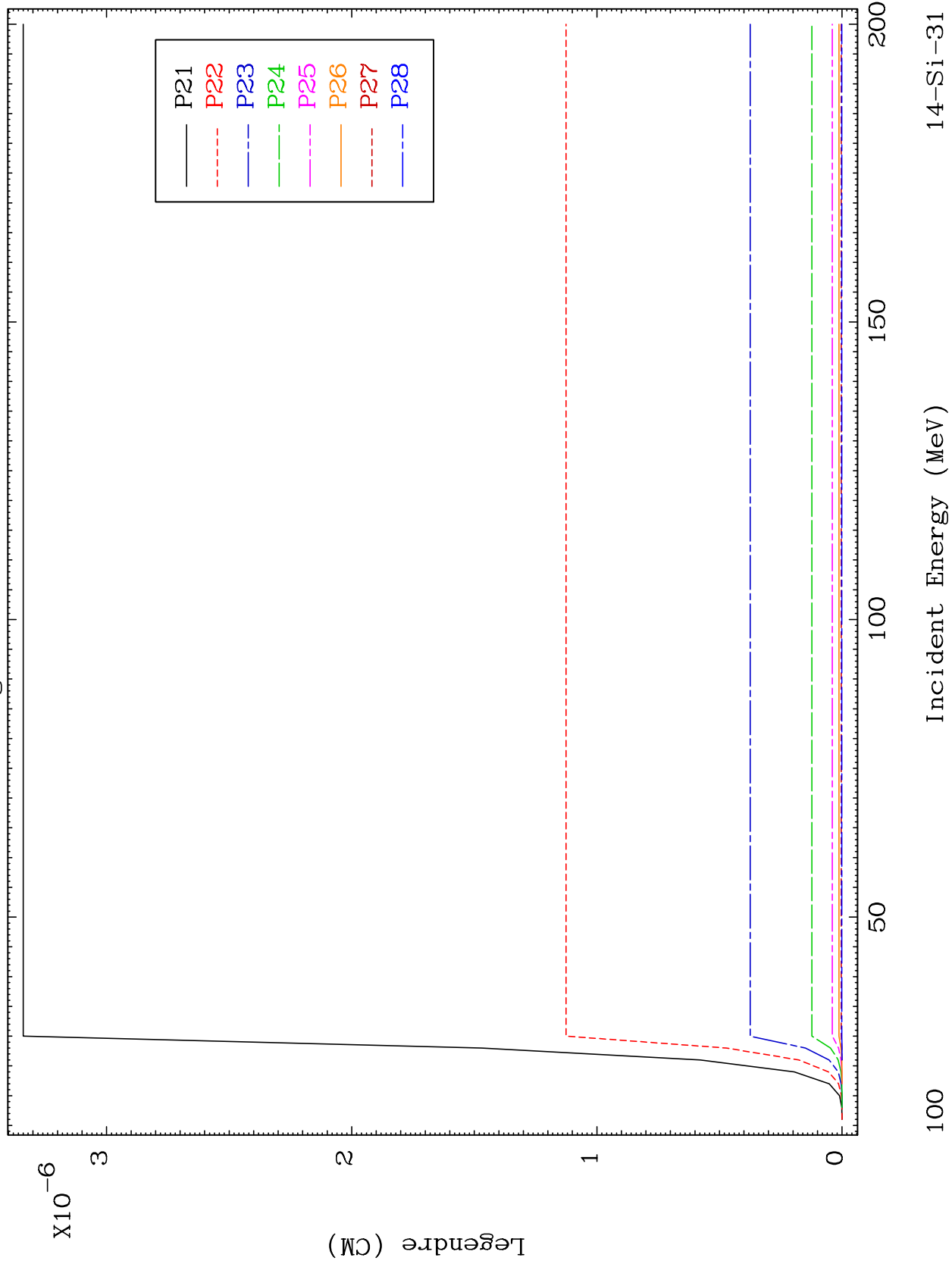
14-Si-31

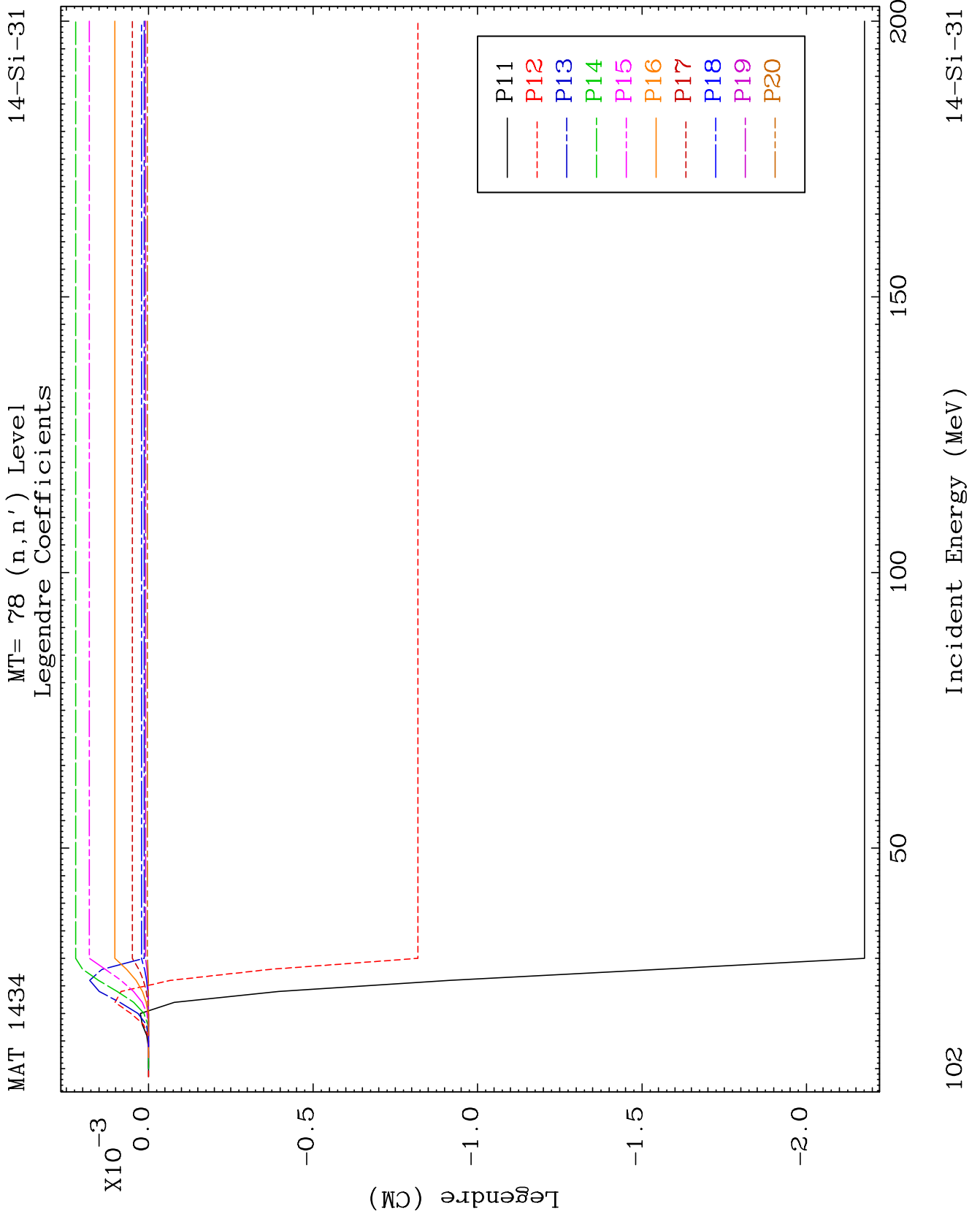


MAT 1434

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

14-Si-31

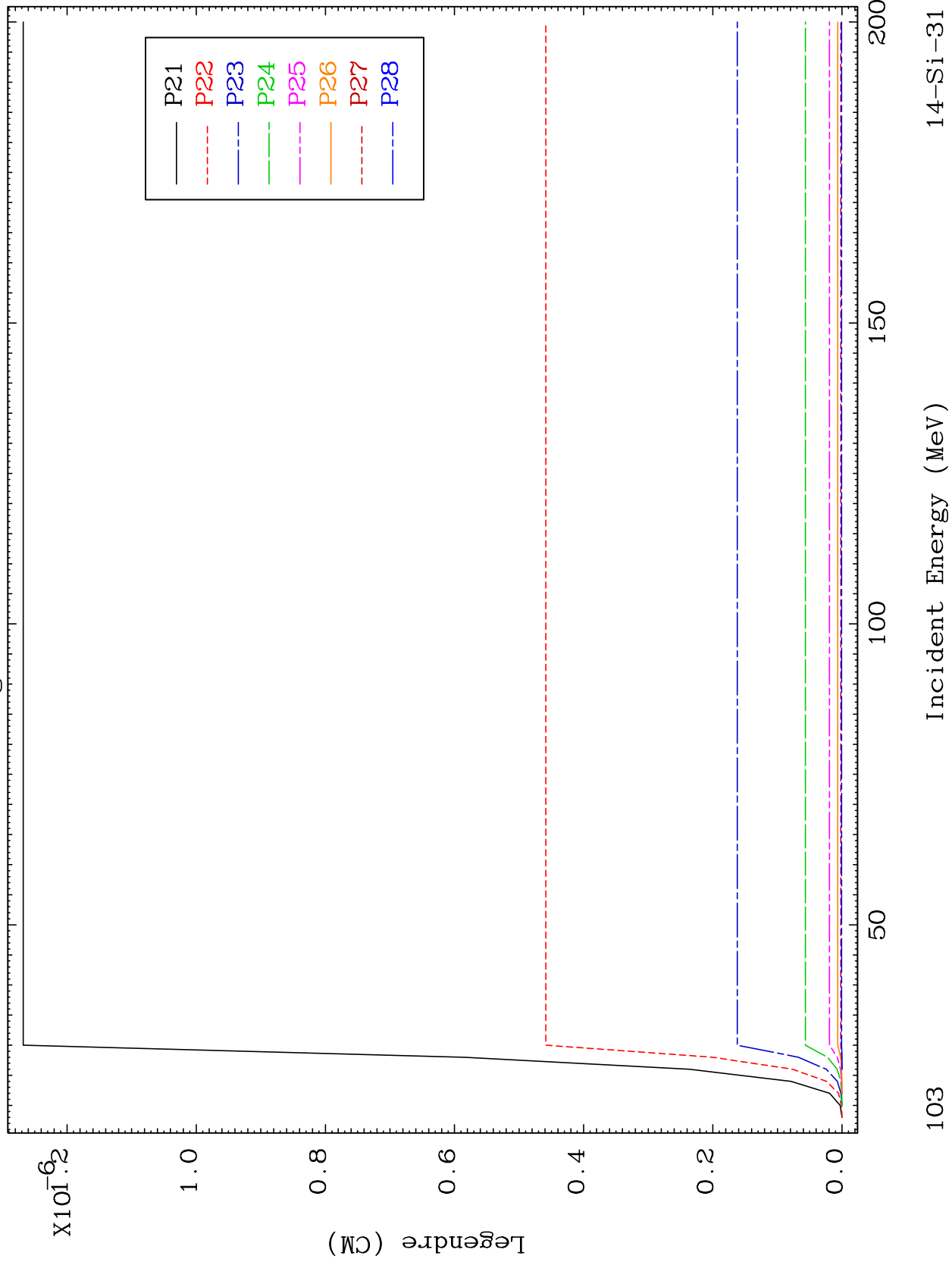




MAT 1434

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

14-Si-31

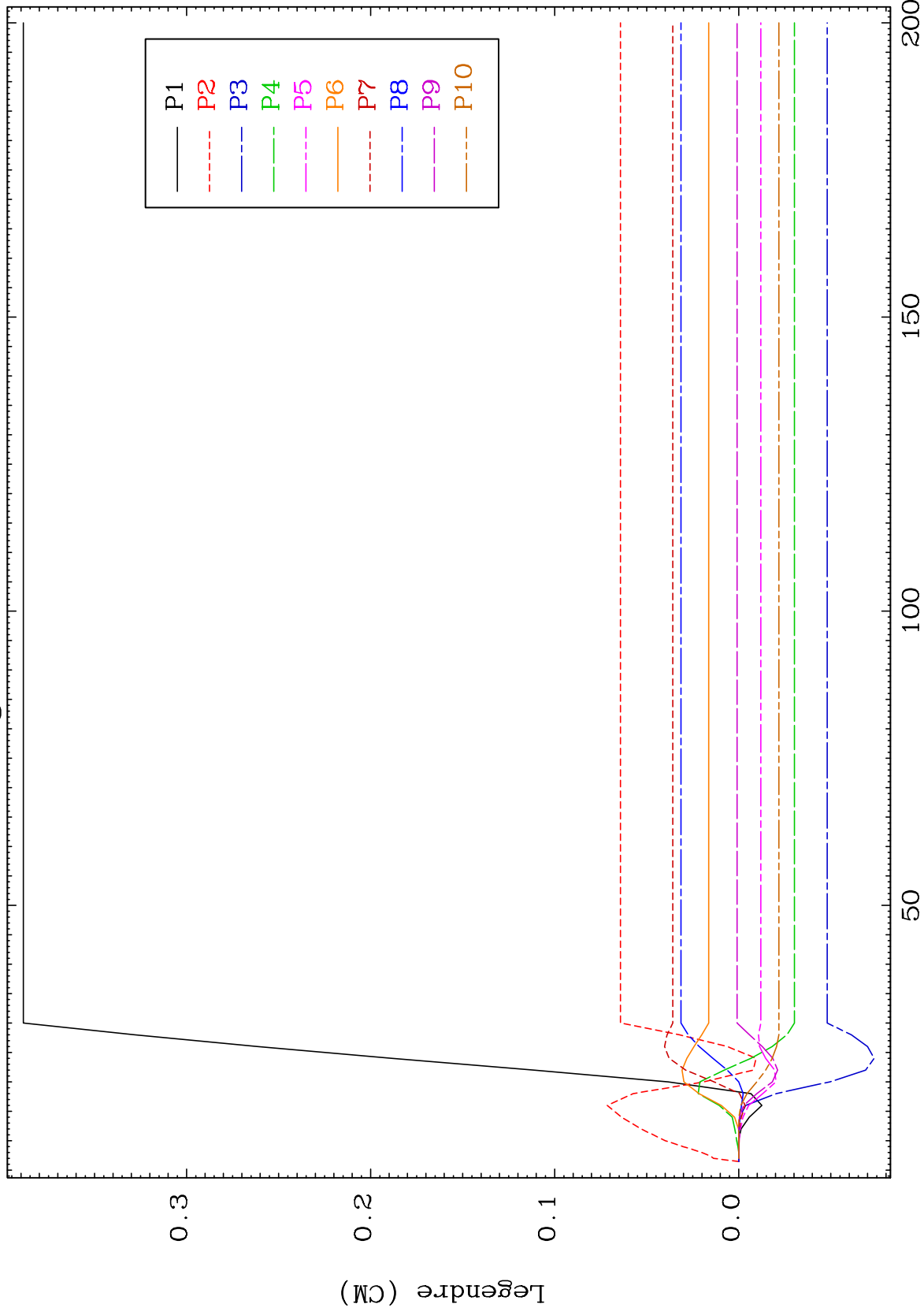


103

MAT 1434

MT= 79 (n,n') Level
Legendre Coefficients

14-Si-31



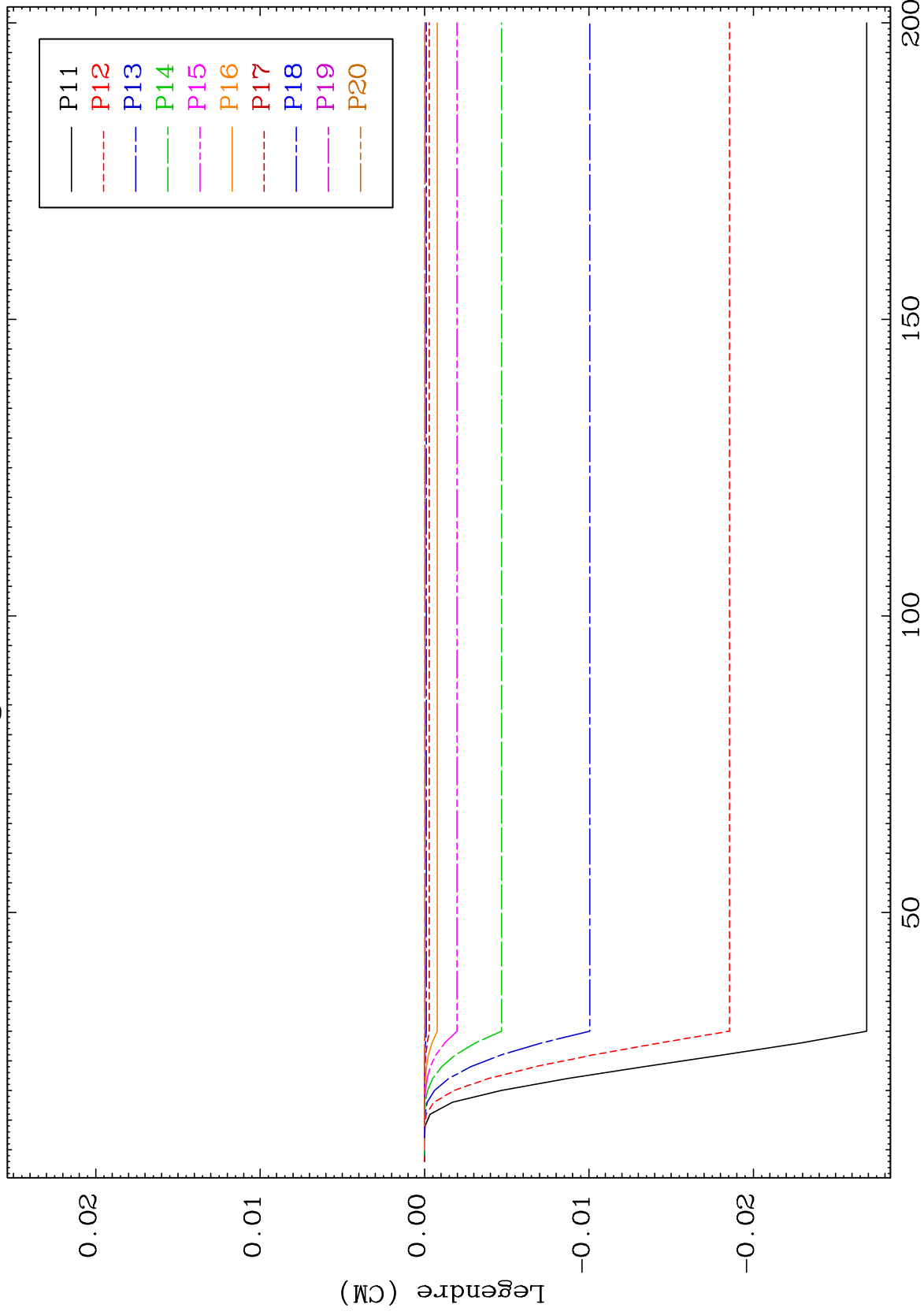
104

14-Si-31

MAT 1434

MT= 79 (n,n') Level
Legendre Coefficients

14-Si-31



105

Incident Energy (MeV)

14-Si-31

