

Program EVALPLOT  
(Version 2018-1)

by

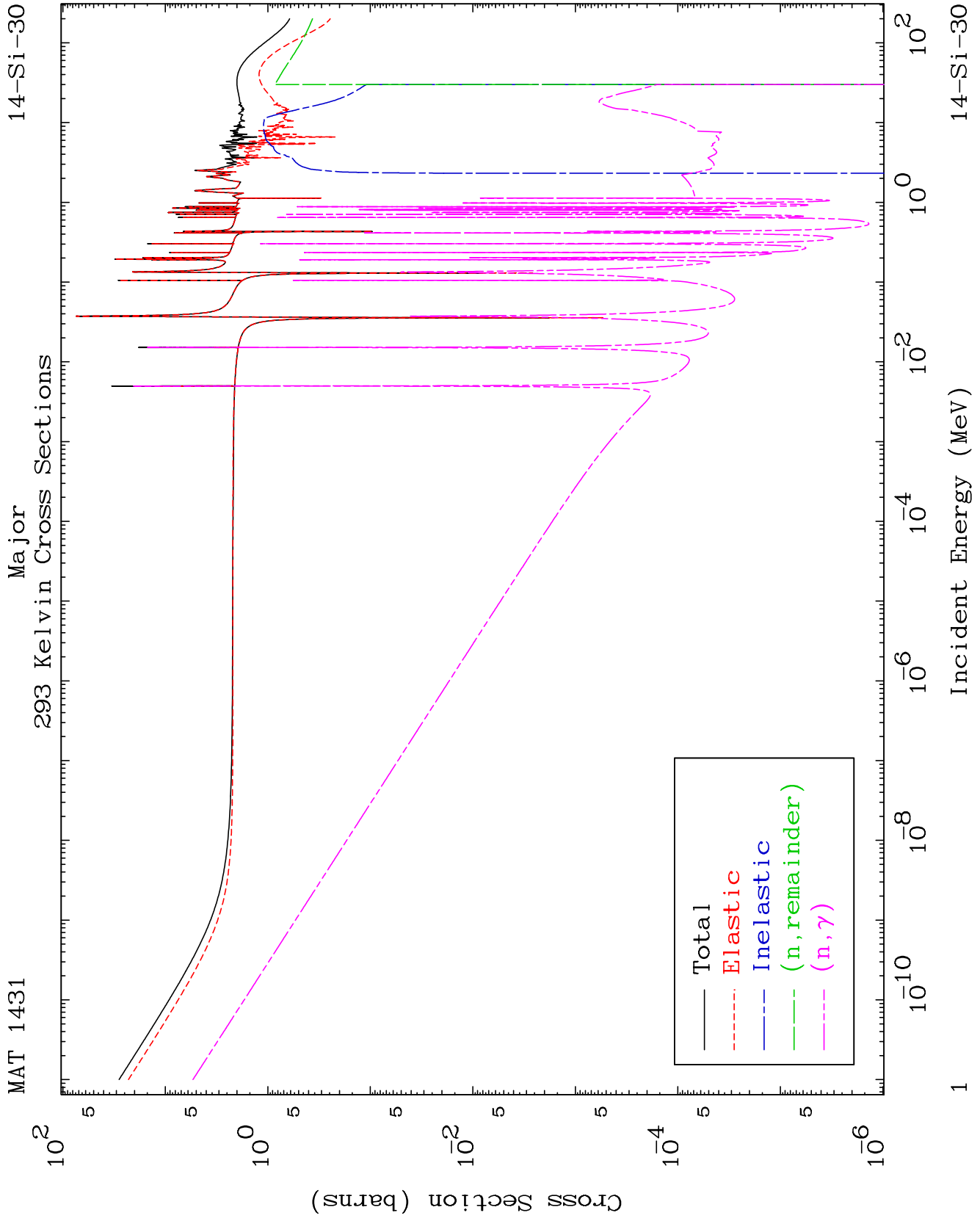
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

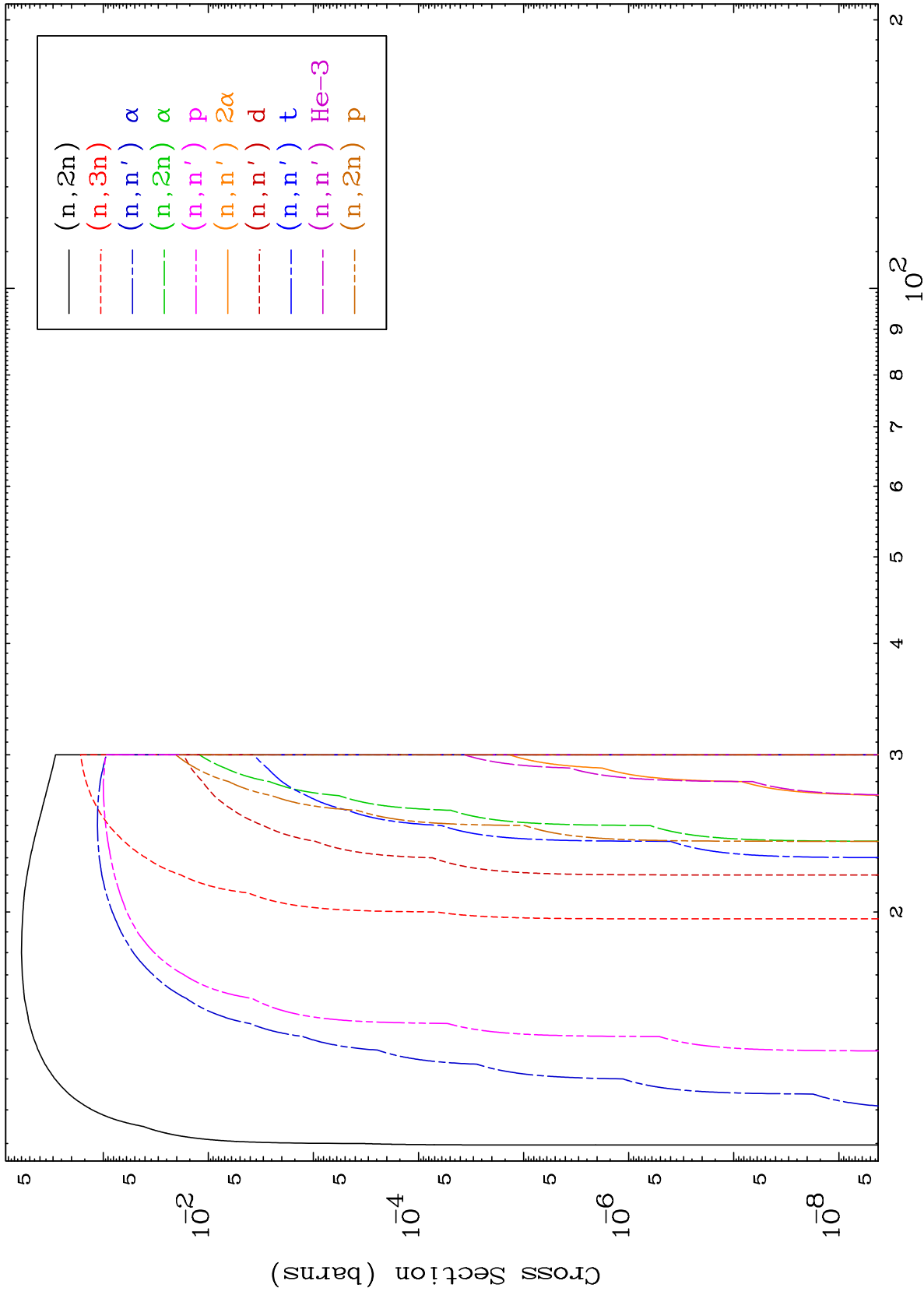
Press Mouse Button to Start



MAT 1431

Neutron Production  
293 Kelvin Cross Sections

14-Si-30



2

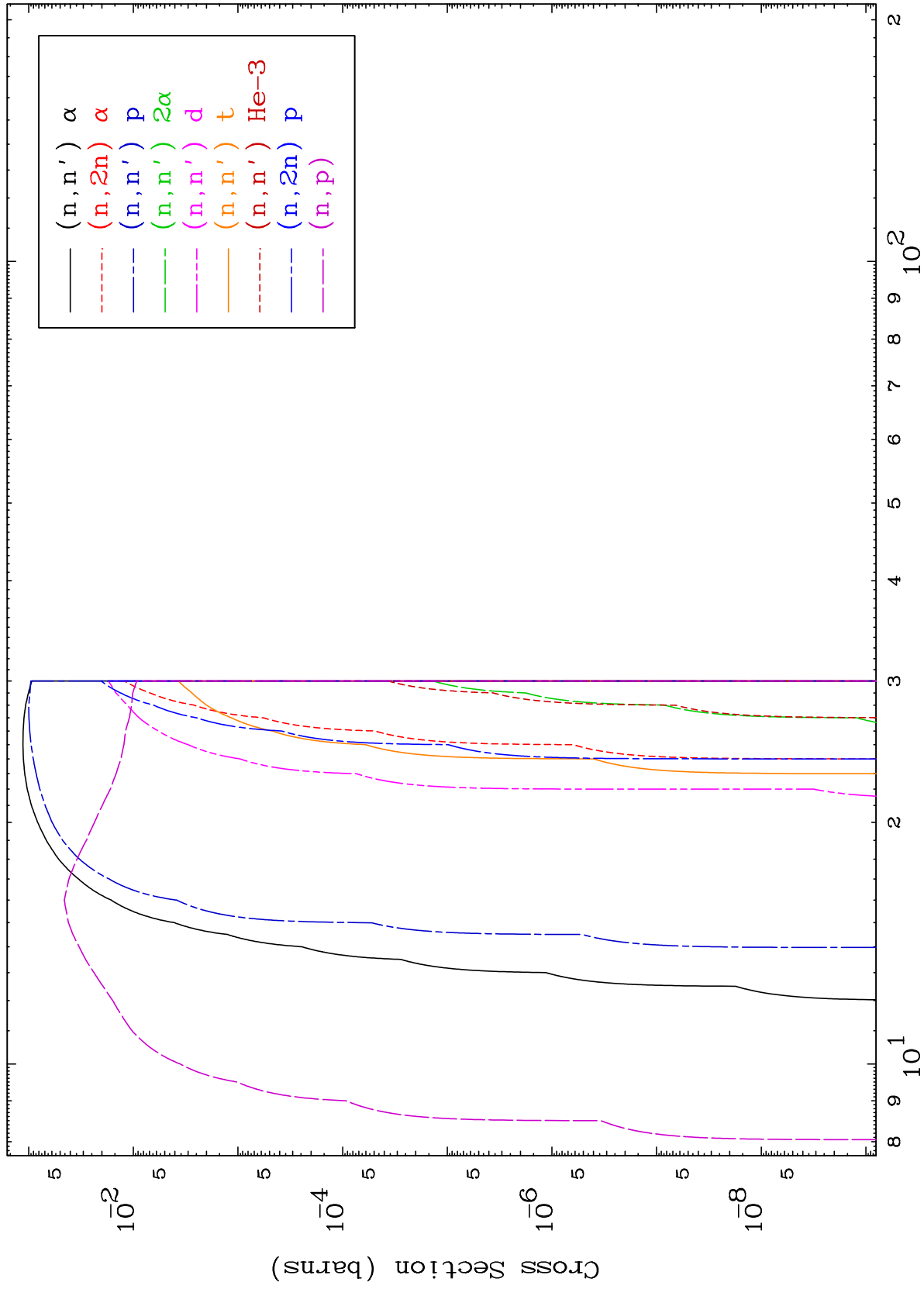
Incident Energy (MeV)

14-Si-30

MAT 1431

Charged Particle  
293 Kelvin Cross Sections

14-Si-30



3

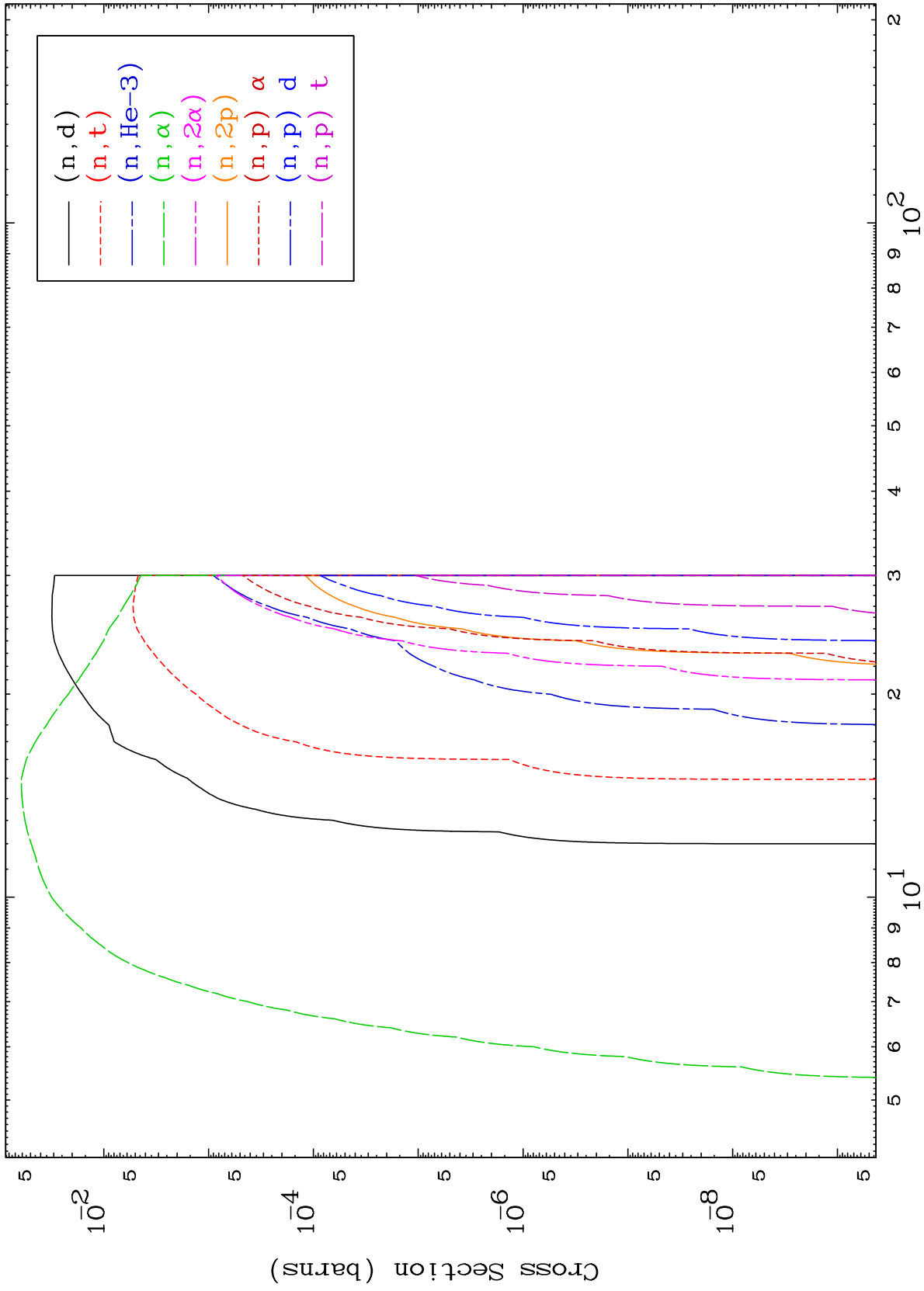
Incident Energy (MeV)

14-Si-30

MAT 1431

Charged Particle  
293 Kelvin Cross Sections

14-Si-30



4

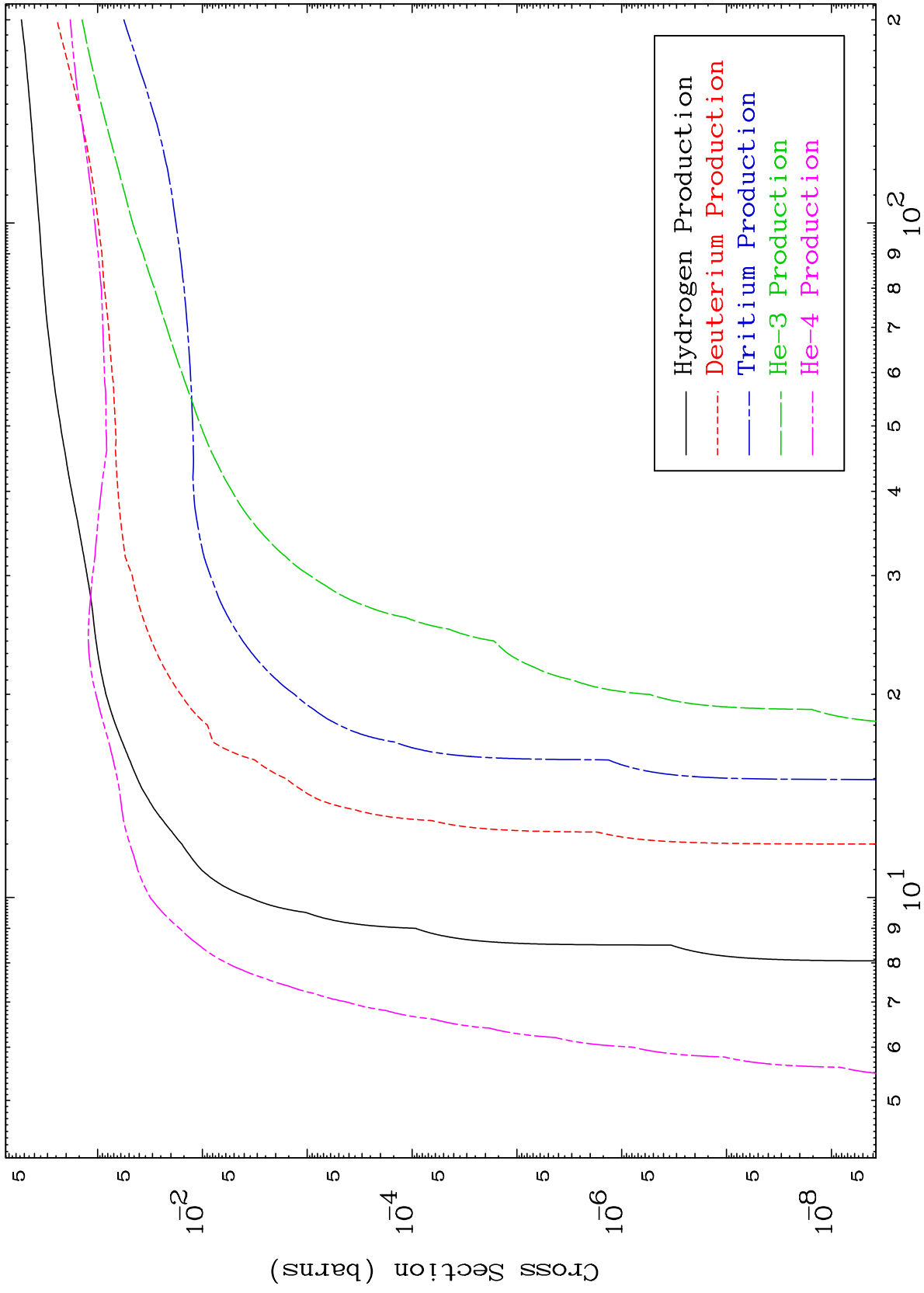
Incident Energy (MeV)

14-Si-30

MAT 1431

Particle Production  
293 Kelvin Cross Sections

14-Si-30



5

Incident Energy (MeV)

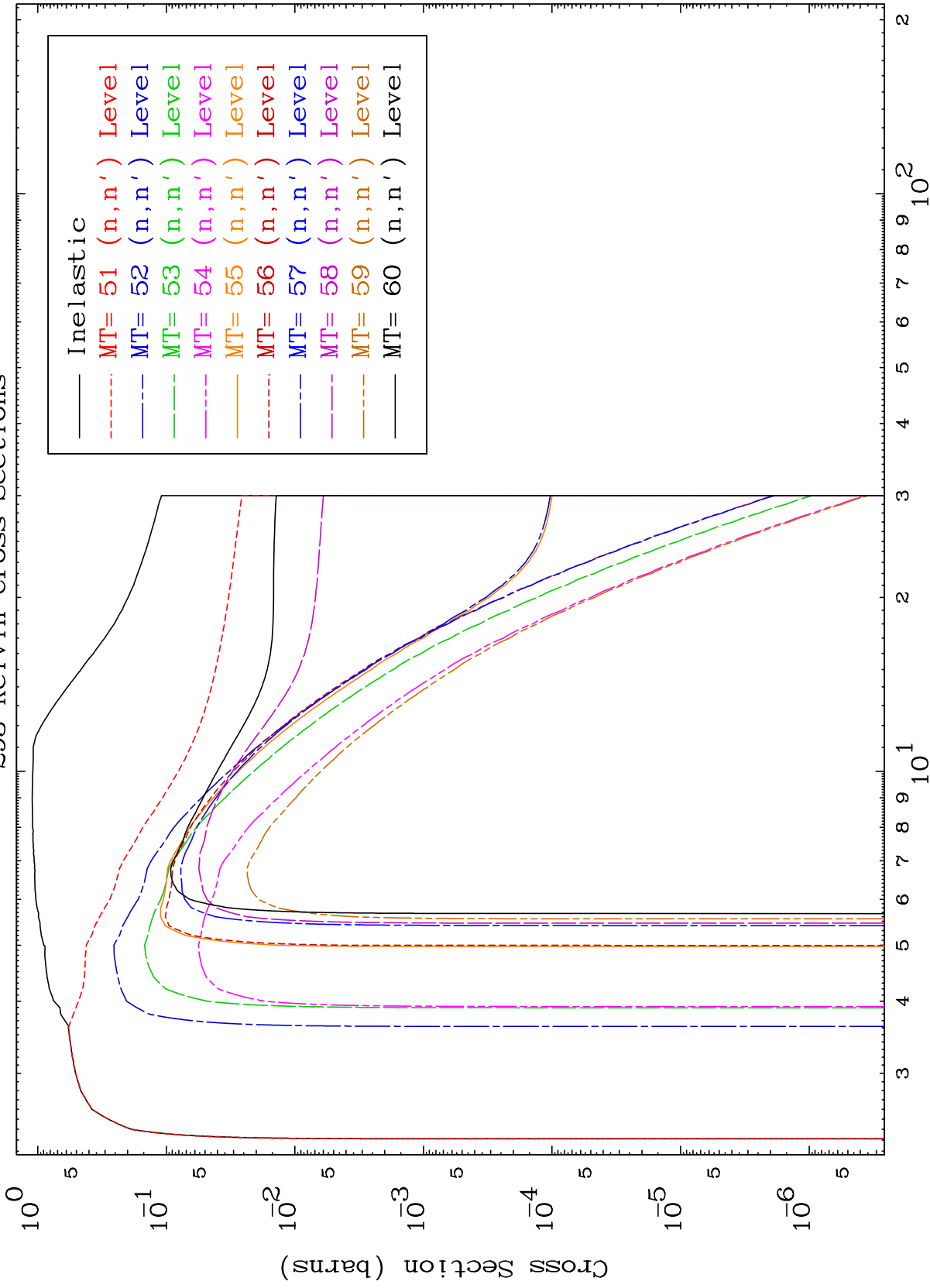
14-Si-30

MAT 1431

(n,n') Level

14-Si-30

293 Kelvin Cross Sections

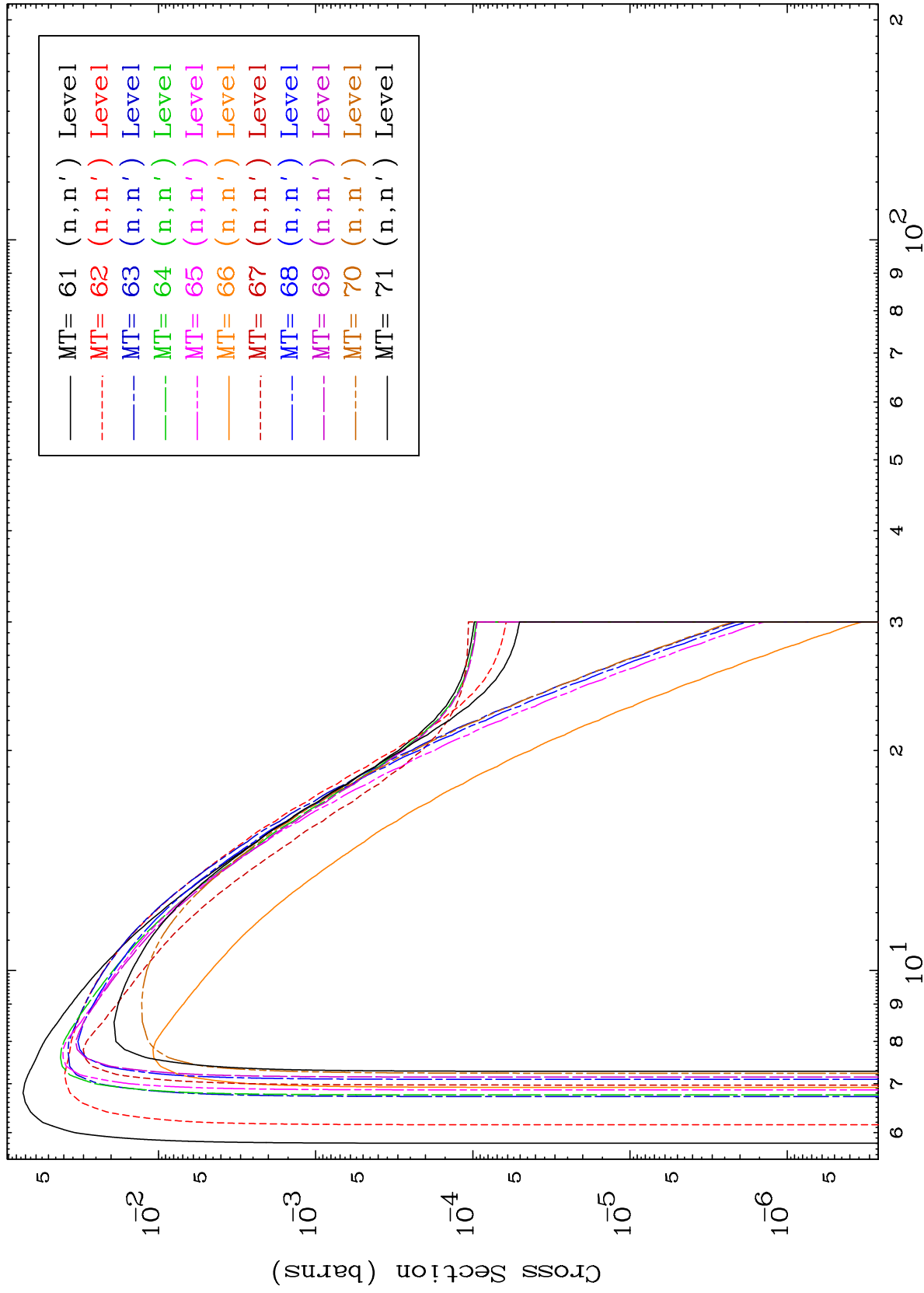


MAT 1431

(n,n') Level

14-Si-30

293 Kelvin Cross Sections



7

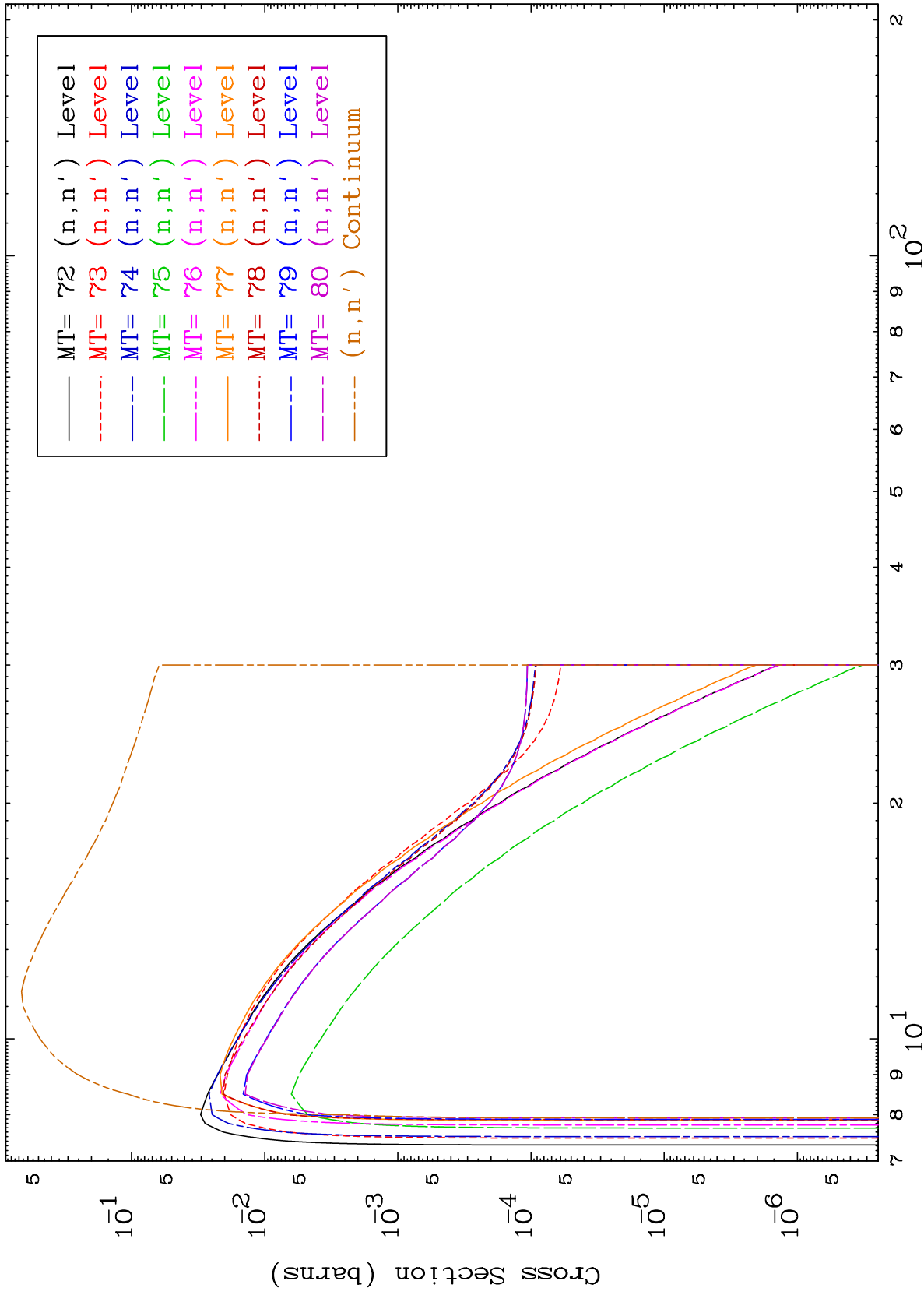
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,n') Level  
293 Kelvin Cross Sections

14-Si-30



8

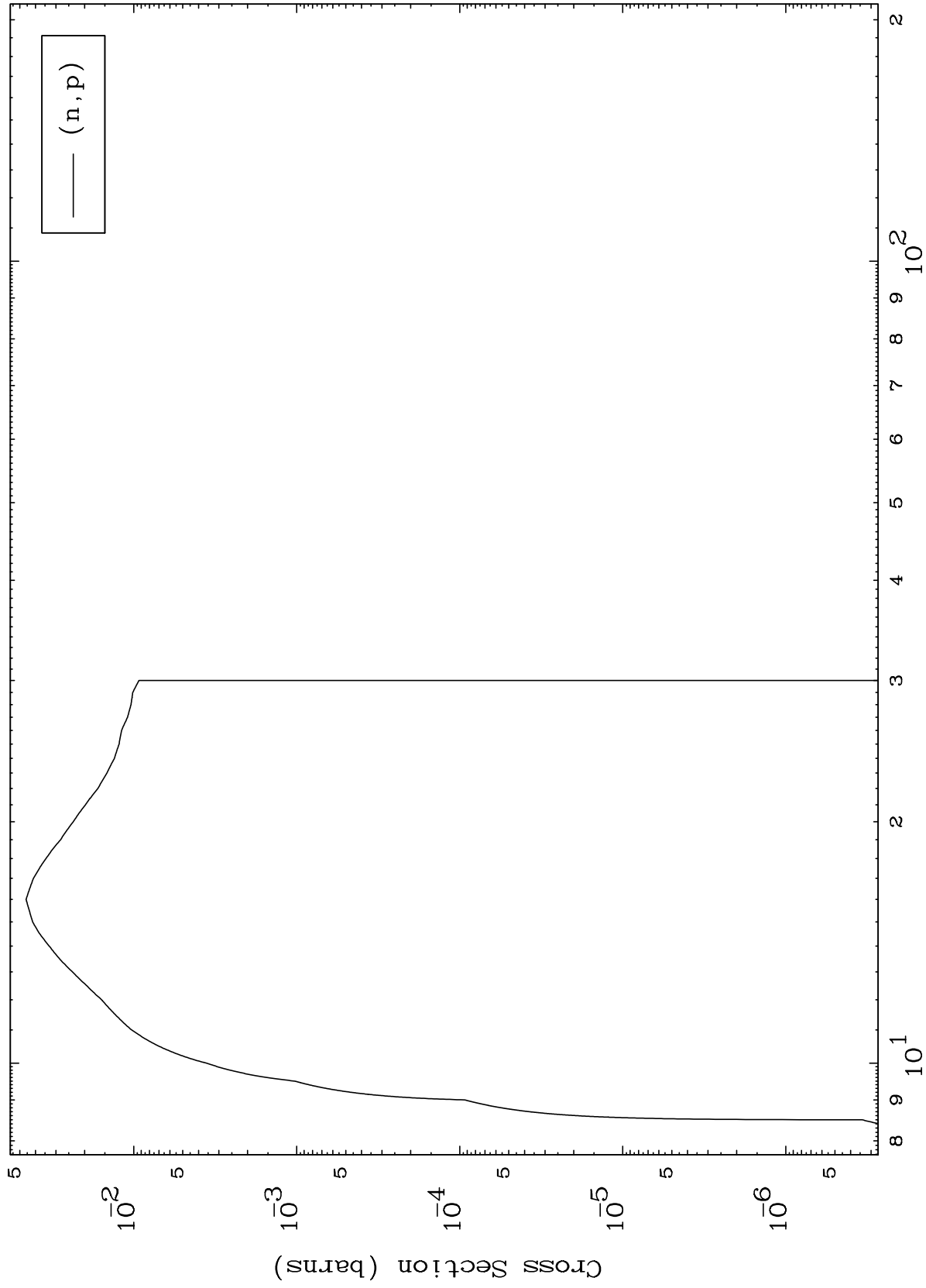
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,p) Levels  
293 Kelvin Cross Sections

14-Si-30



9

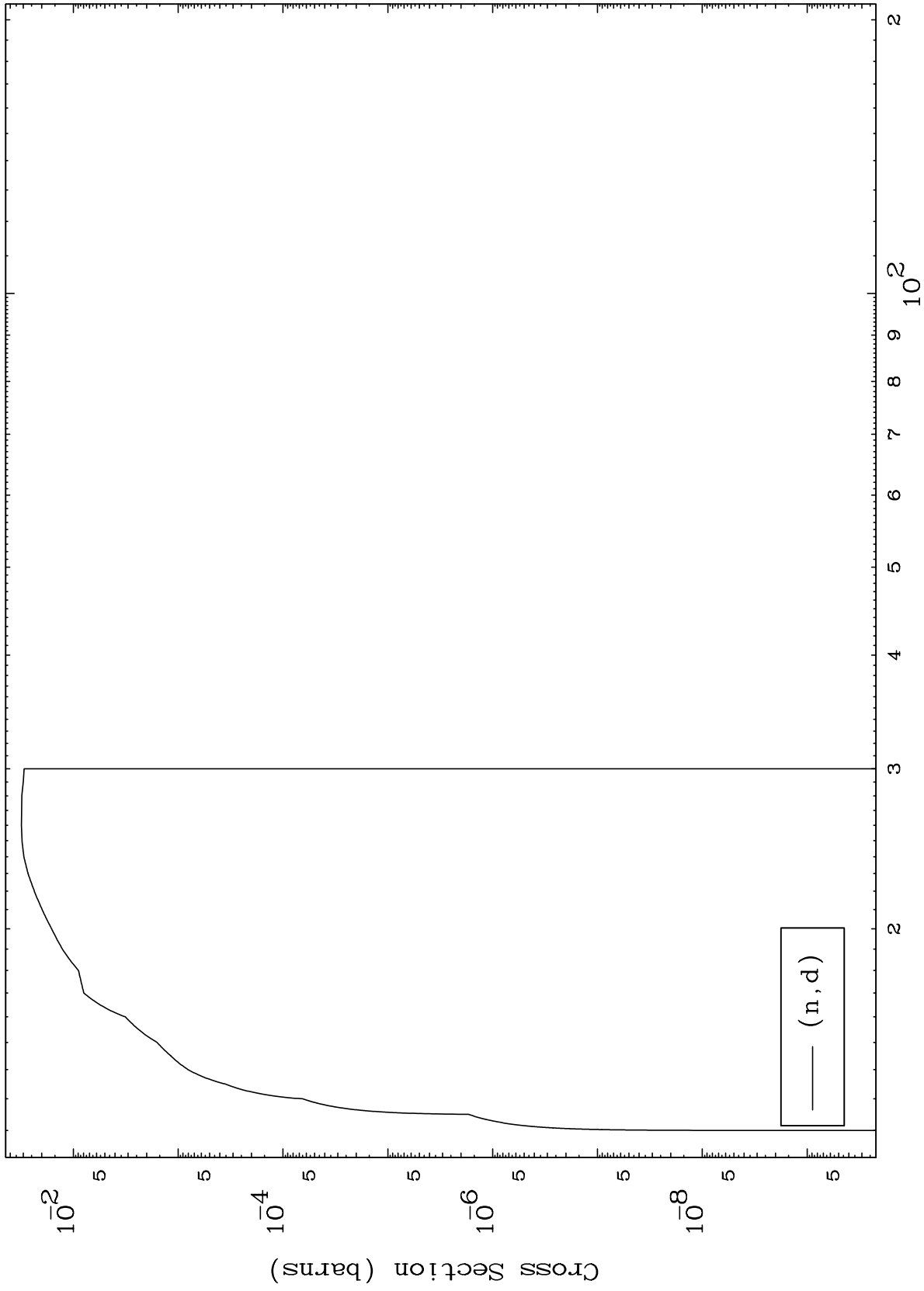
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,d) Levels  
293 Kelvin Cross Sections

14-Si-30



10

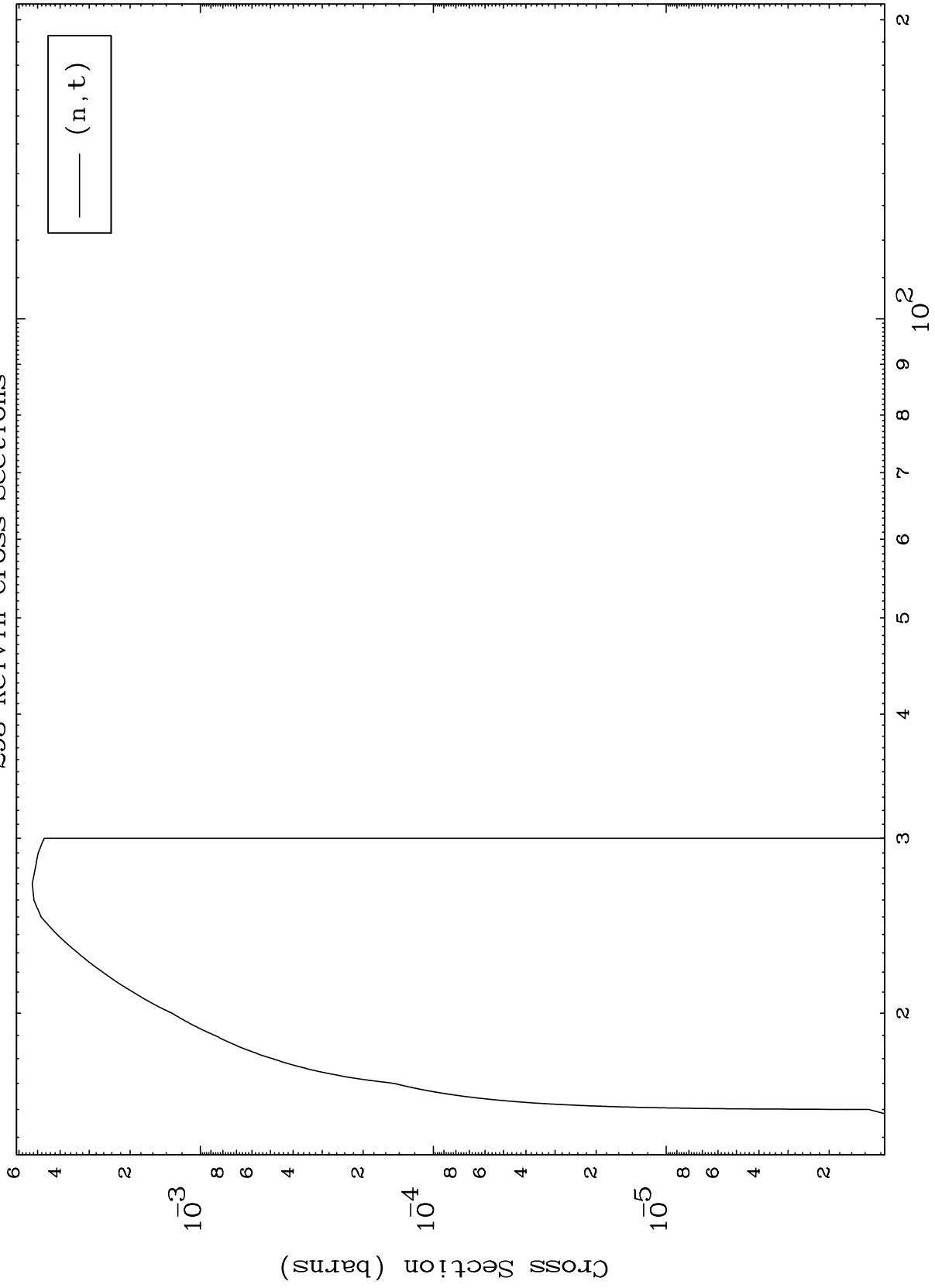
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,t) Levels  
293 Kelvin Cross Sections

14-Si-30



11

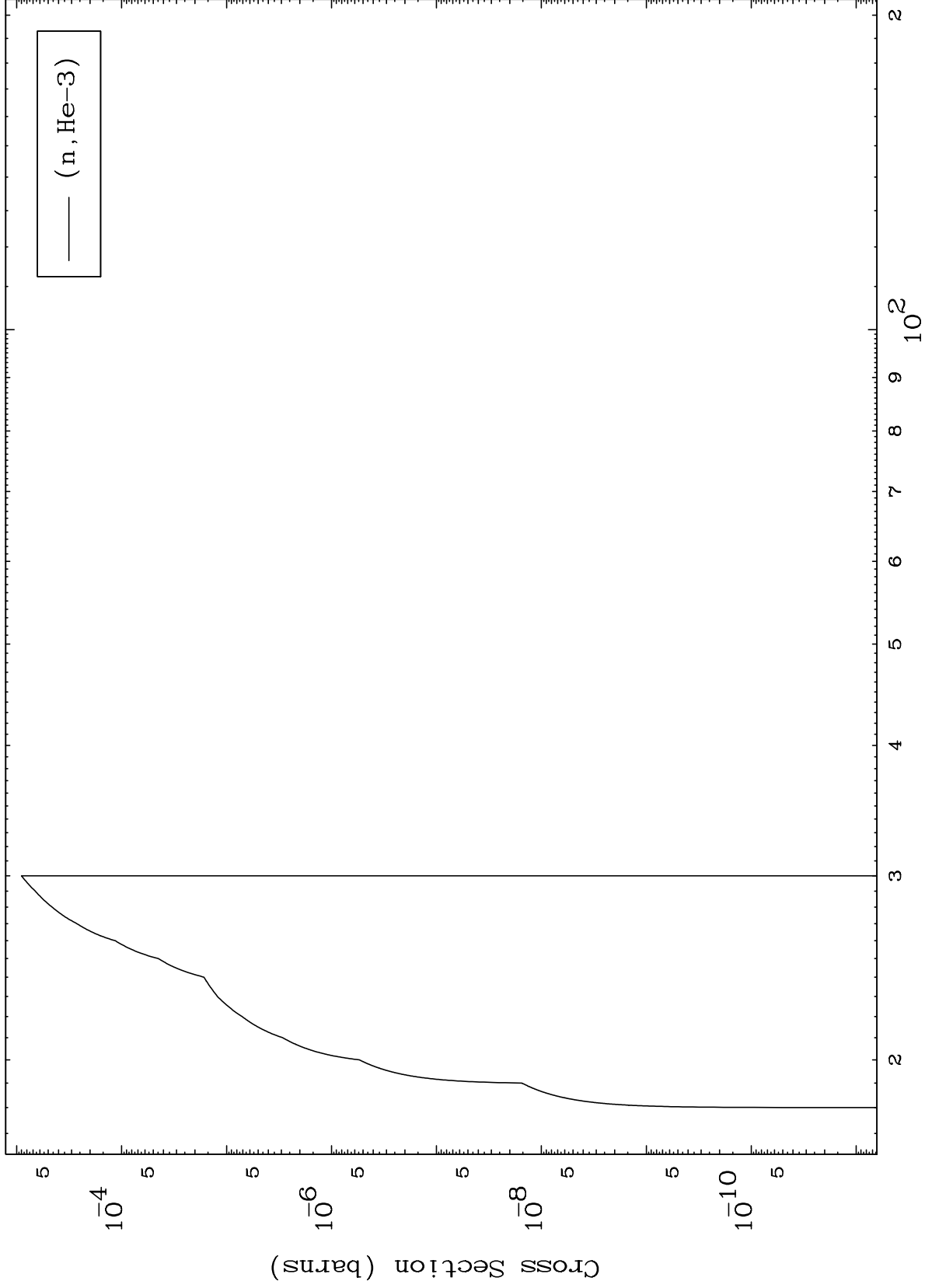
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,He3) Levels  
293 Kelvin Cross Sections

14-Si-30



12

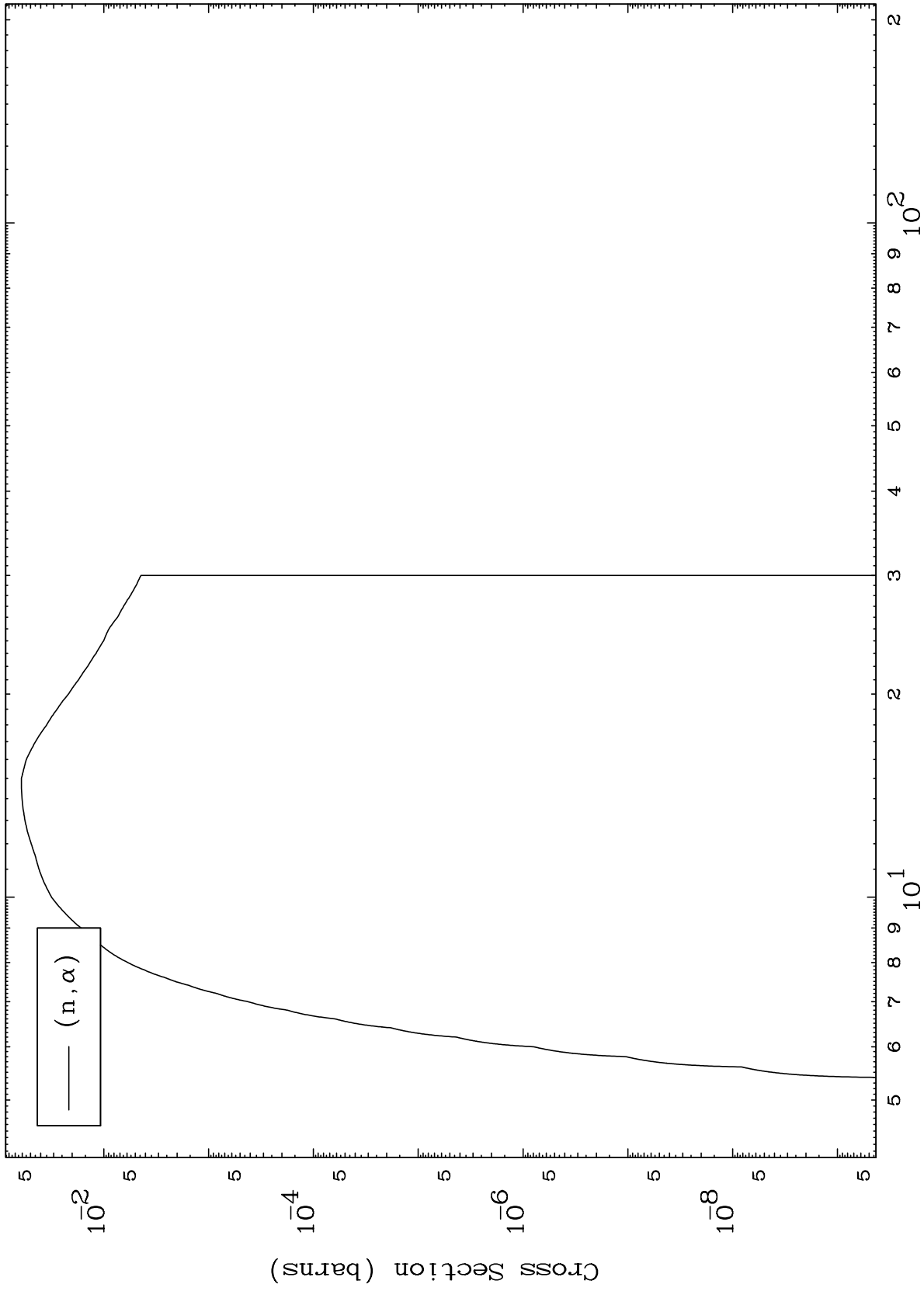
Incident Energy (MeV)

14-Si-30

MAT 1431

(n,α) Levels  
293 Kelvin Cross Sections

14-Si-30



13

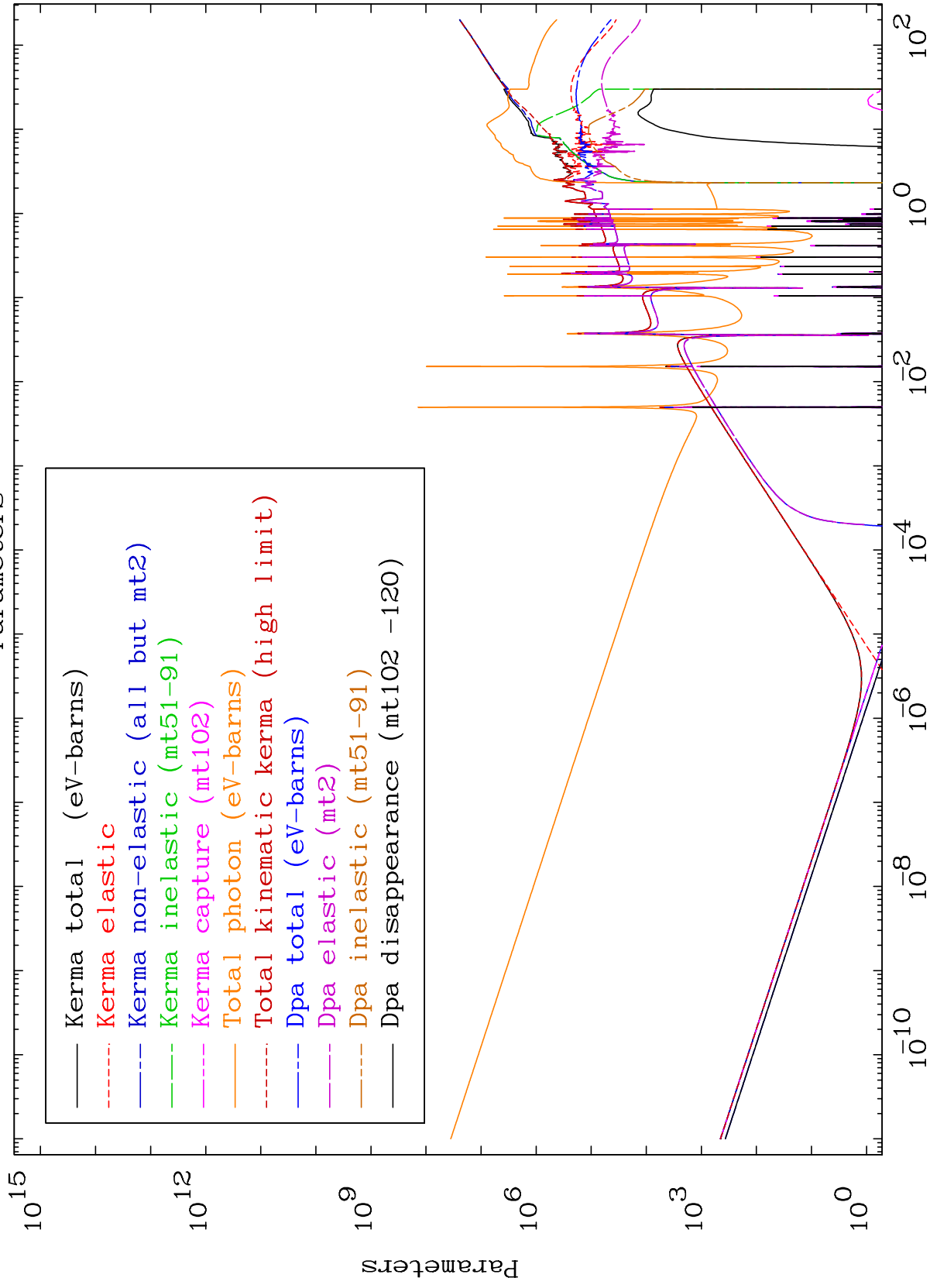
Incident Energy (MeV)

14-Si-30

MAT 1431

Energy Release  
Parameters

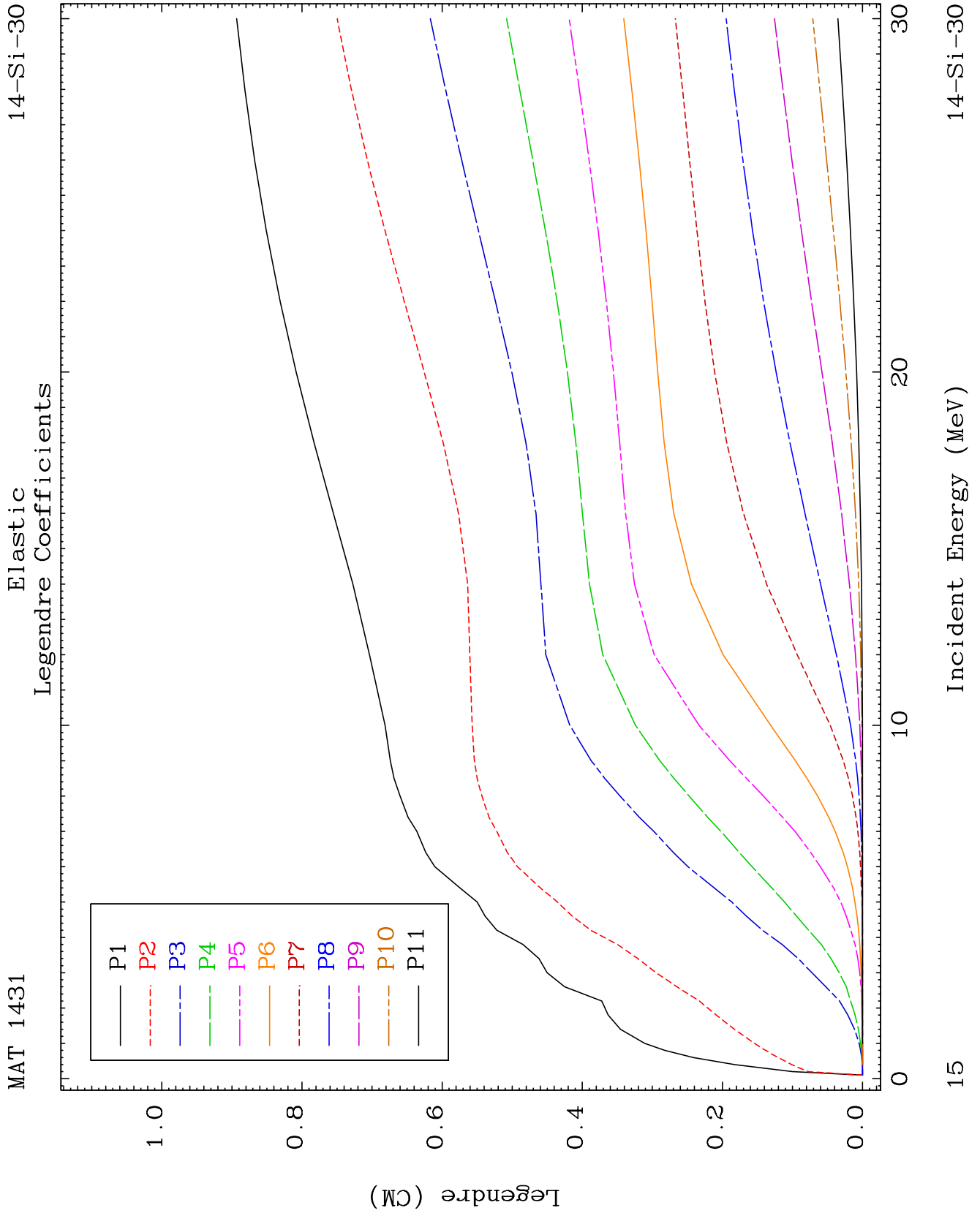
14-Si-30



14

Incident Energy (MeV)

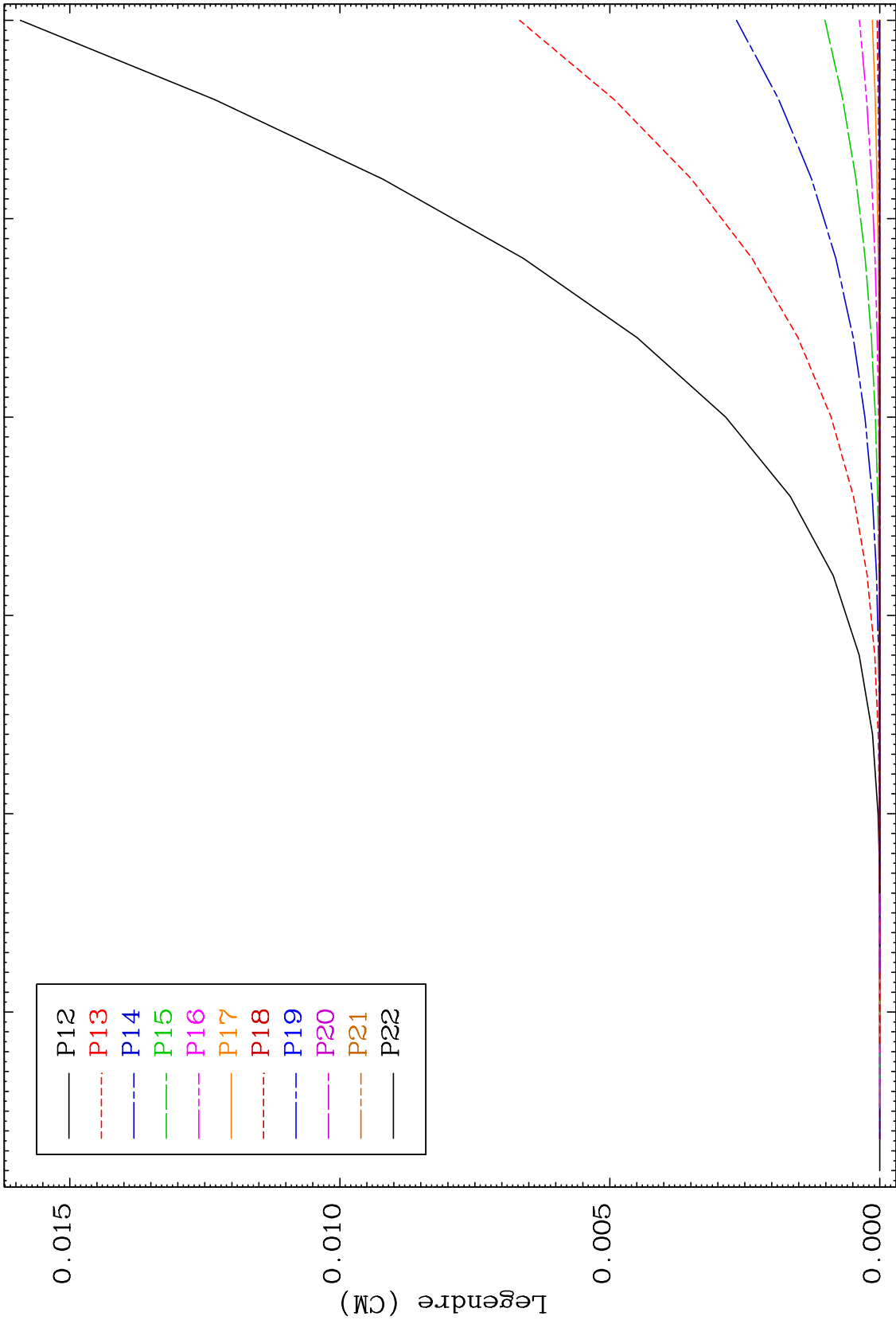
14-Si-30



MAT 1431

Elastic Legendre Coefficients

<sup>14</sup>Si-30



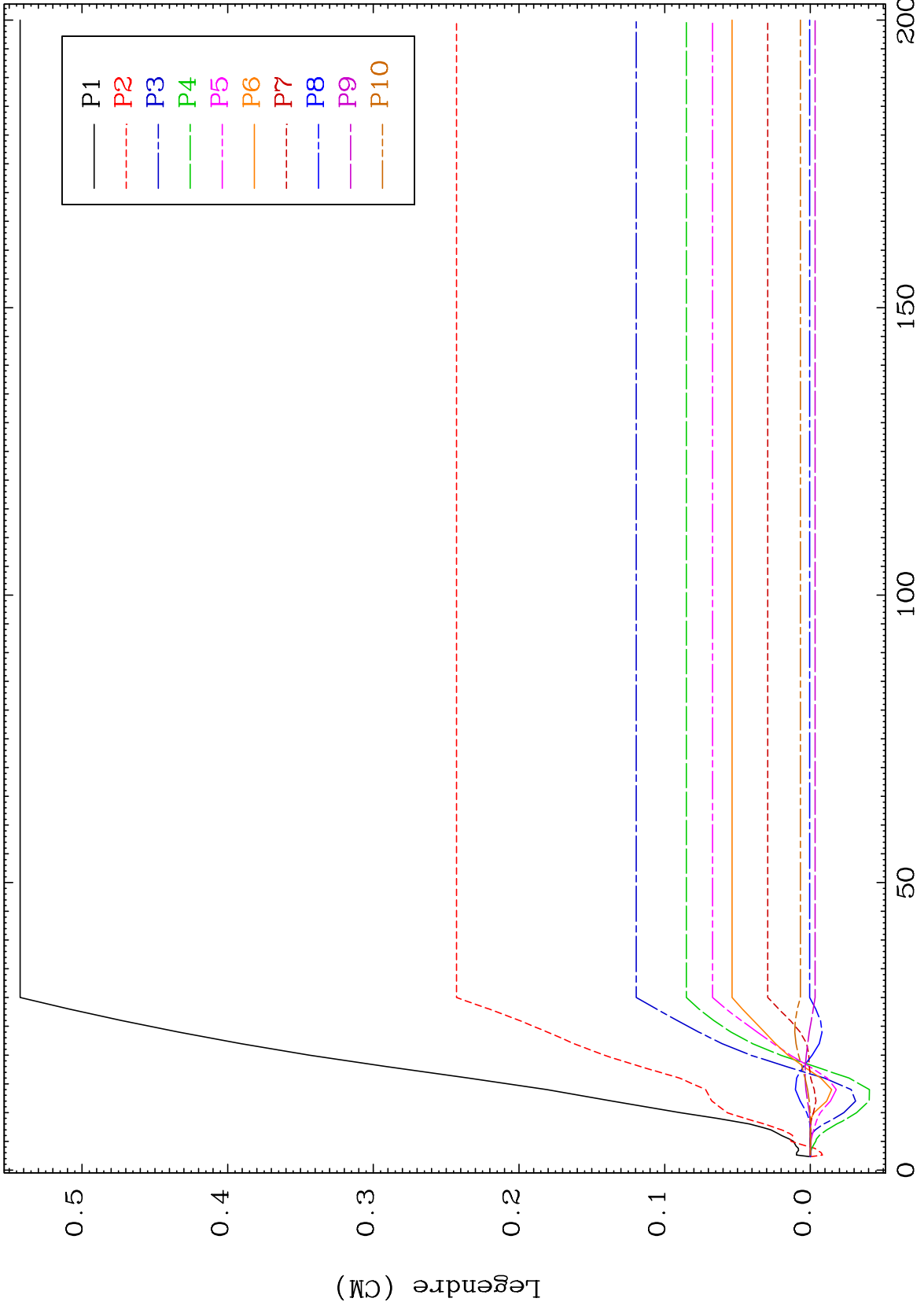
16

Incident Energy (MeV)

<sup>14</sup>Si-30



MAT 1431 MT= 51 (n,n') Level Legendre Coefficients 14-Si-30

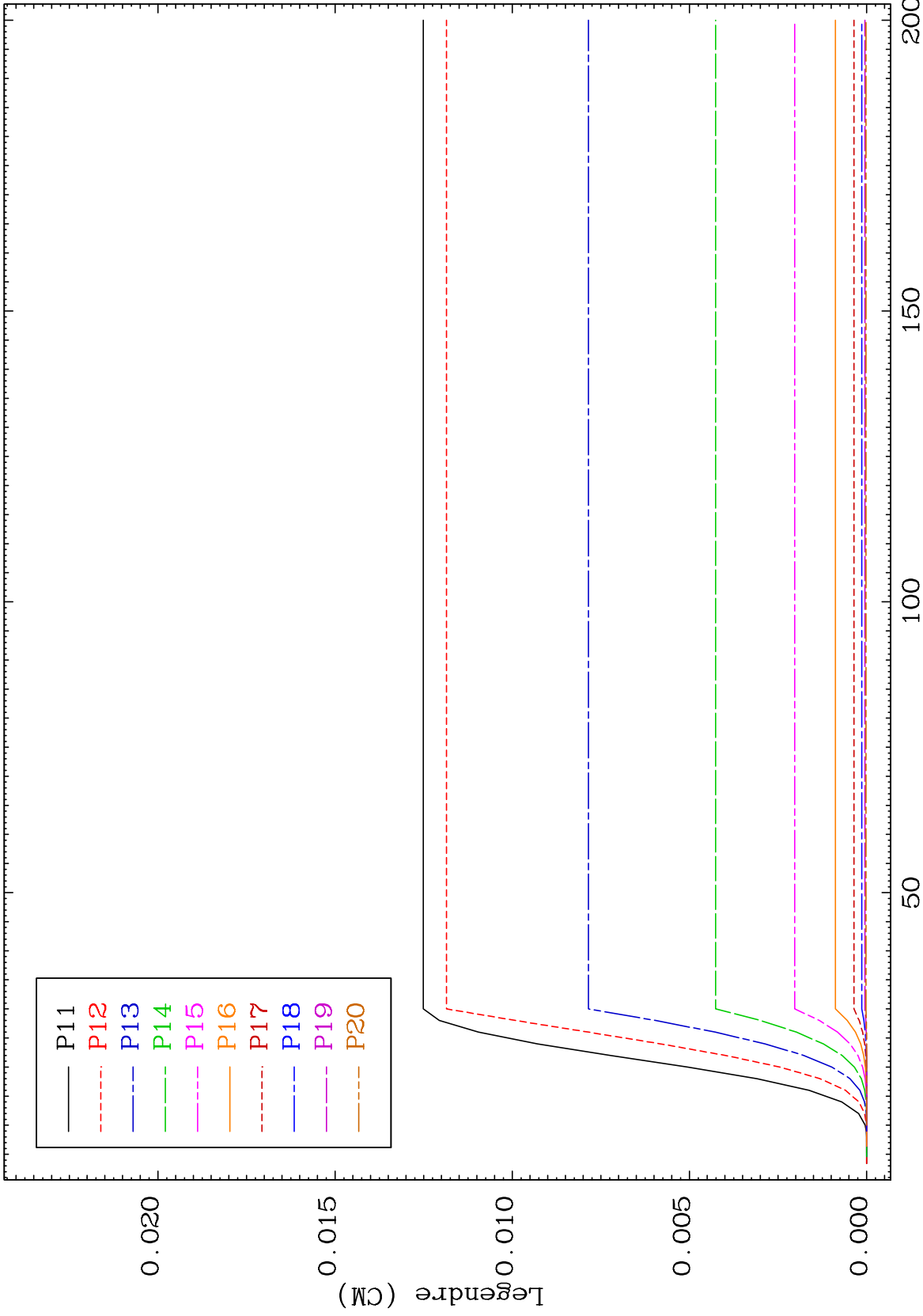


18 14-Si-30

MAT 1431

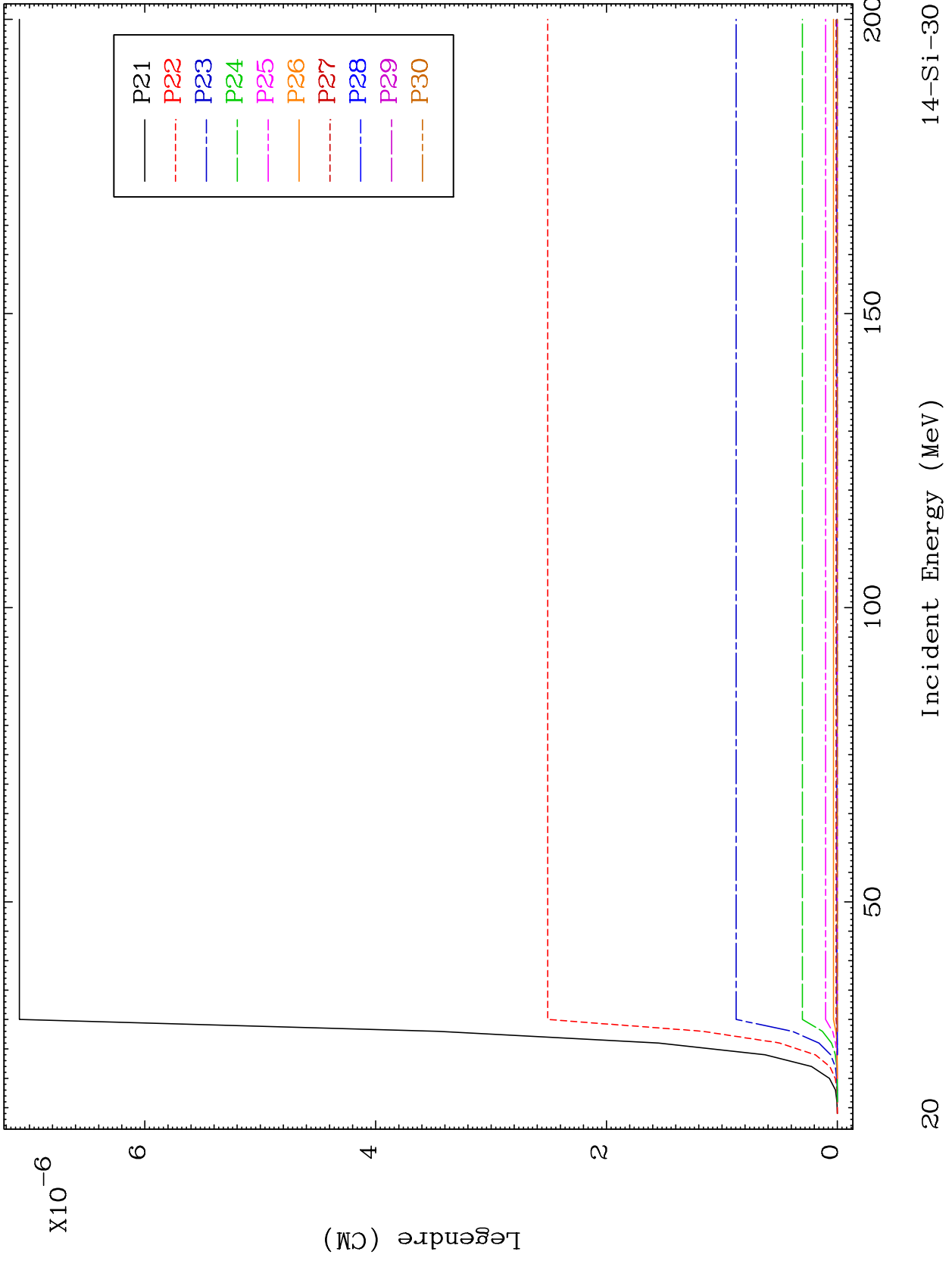
MT= 51 (n,n') Level  
Legendre Coefficients

14-Si-30

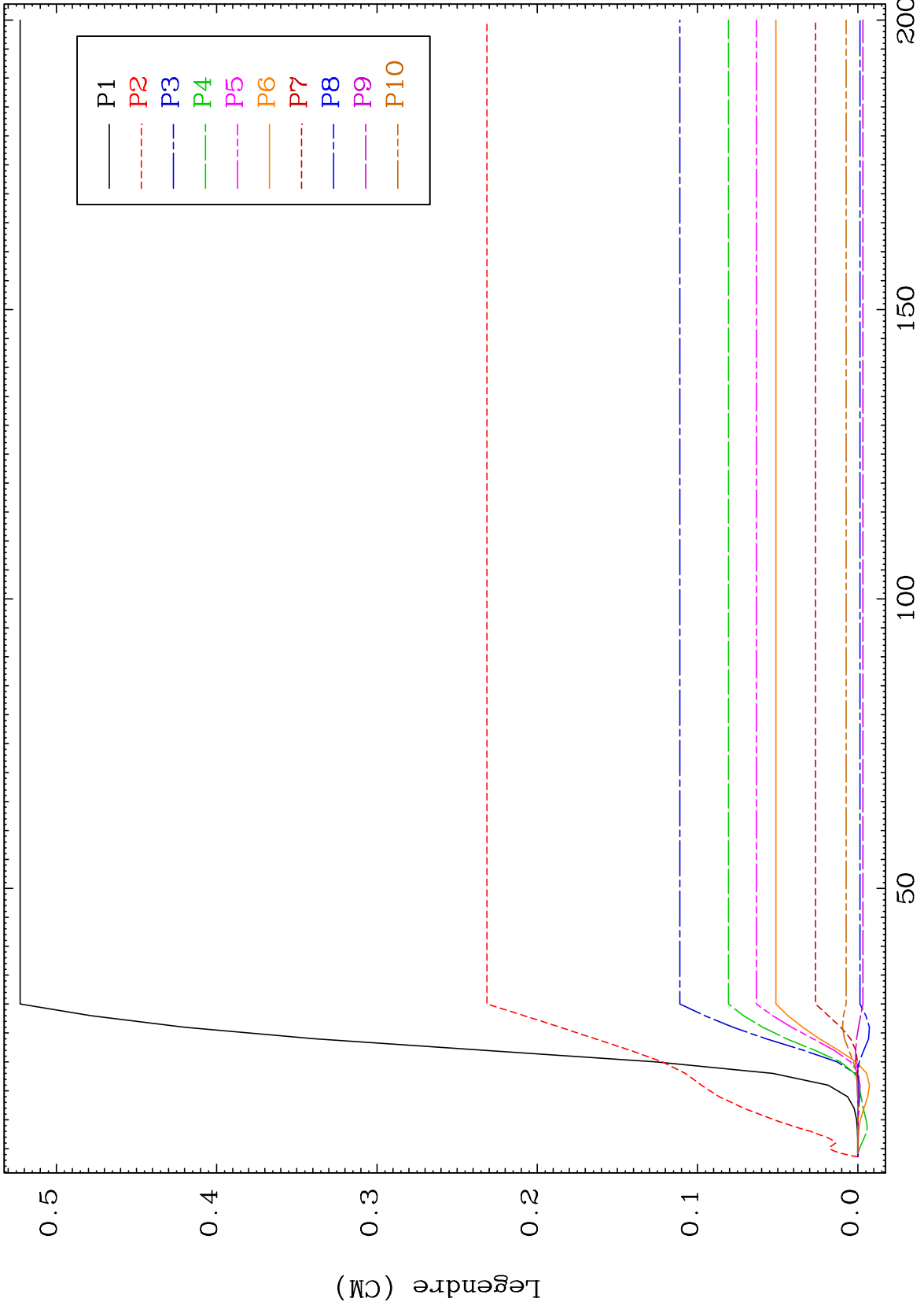


19

MAT 1431 MT= 51 (n,n') Level Legendre Coefficients 14-Si-30



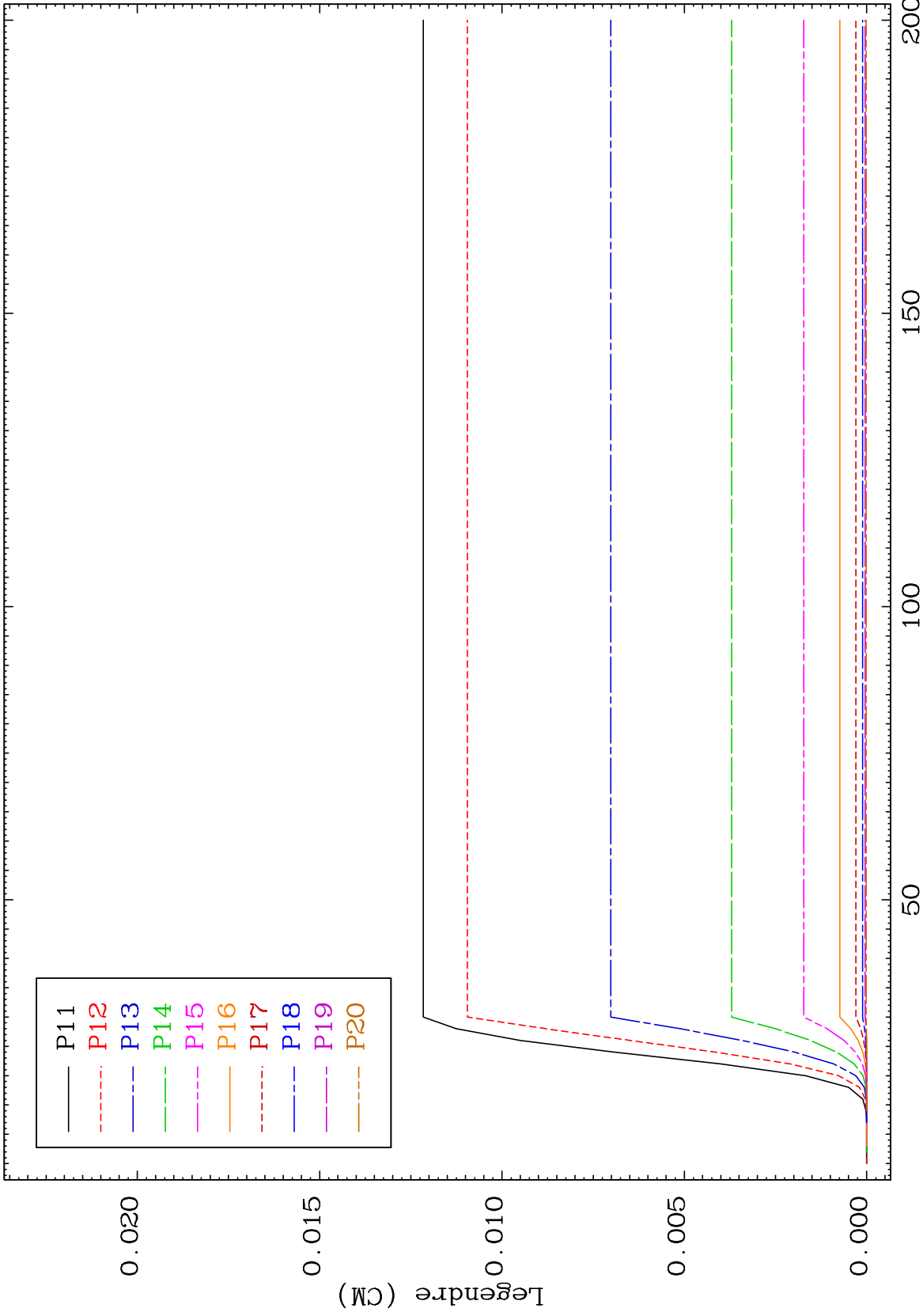
MAT 1431 MT= 52 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431

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

14-Si-30



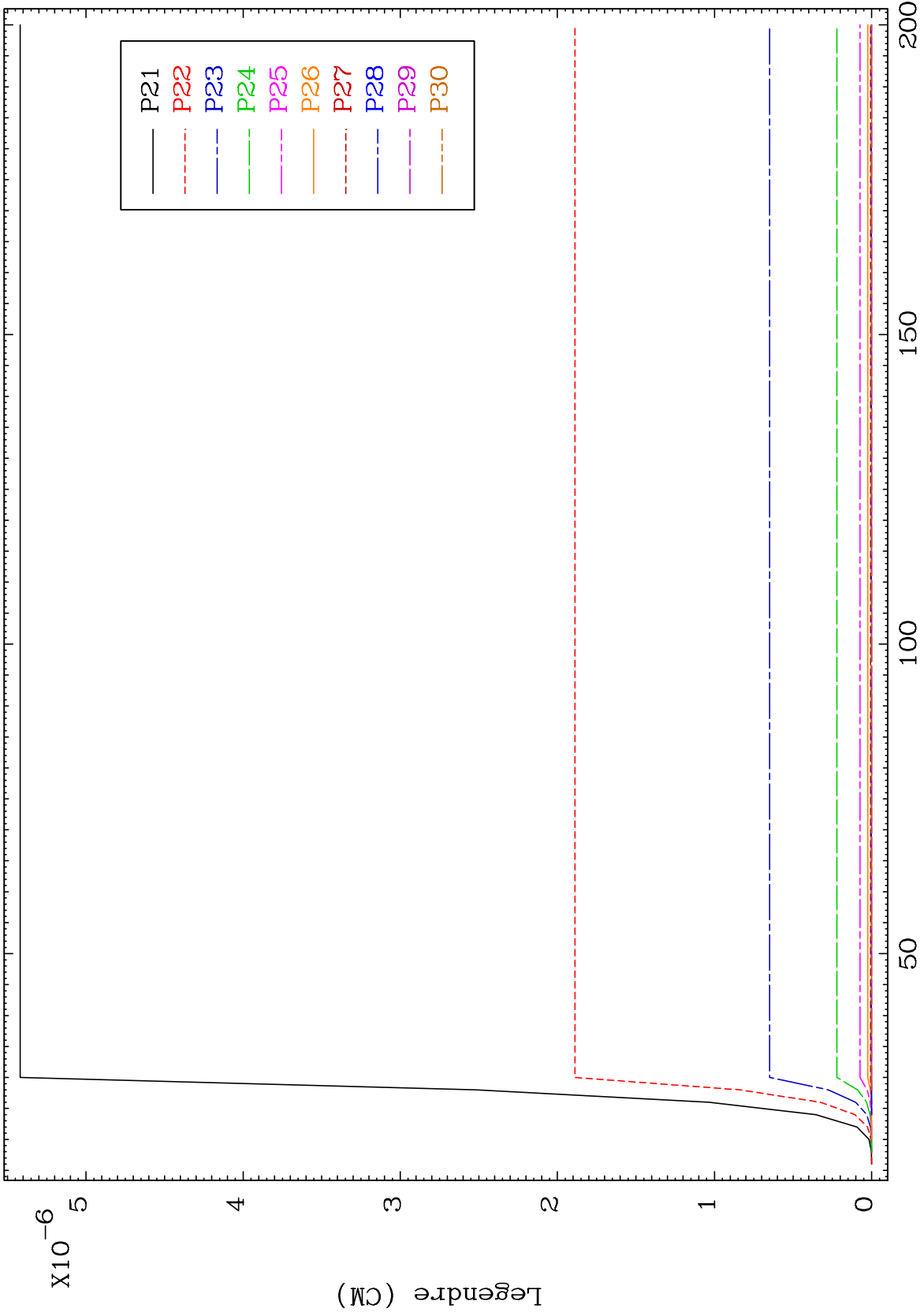
22

14-Si-30

MAT 1431

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

14-Si-30



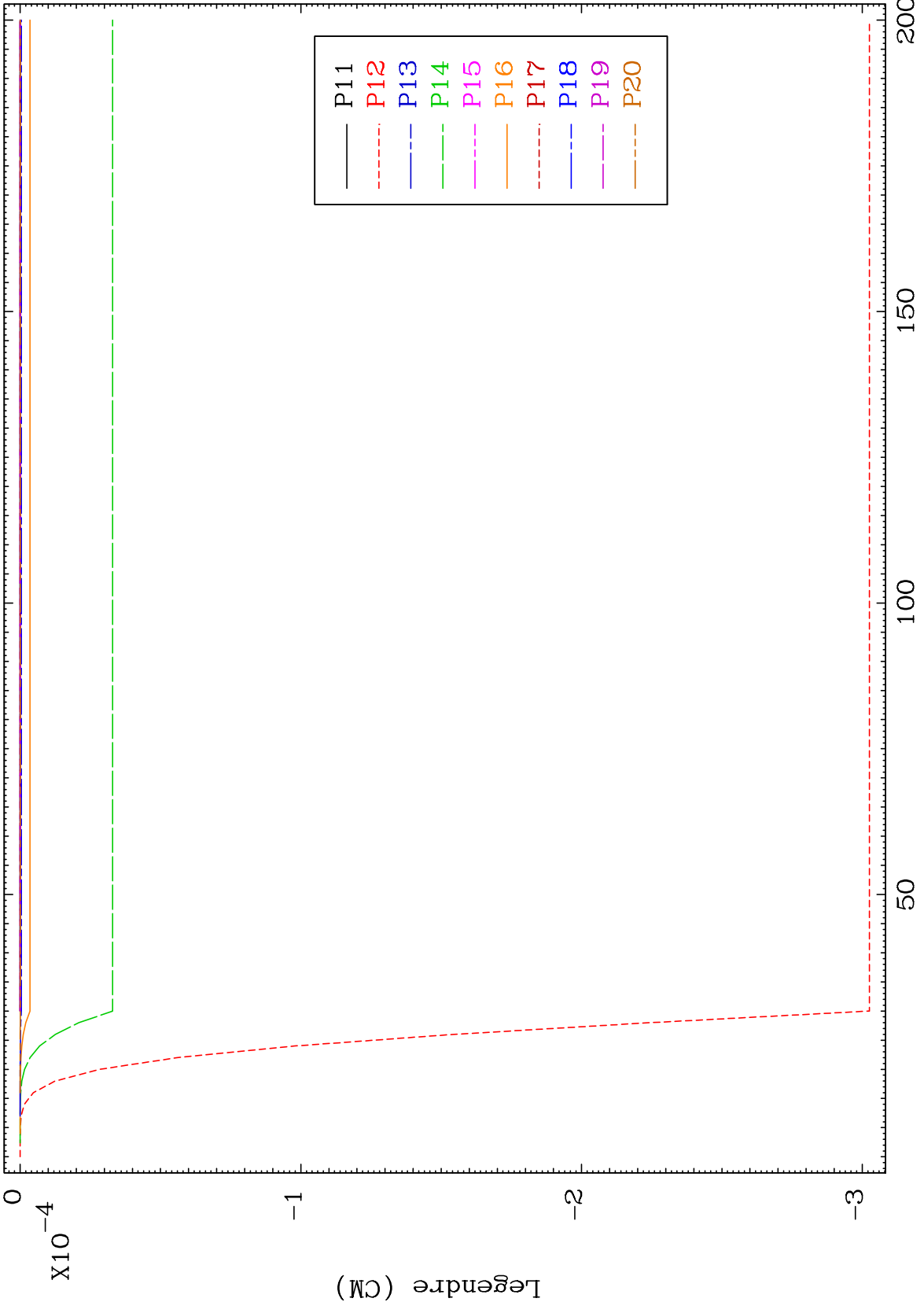
23

Incident Energy (MeV)

14-Si-30

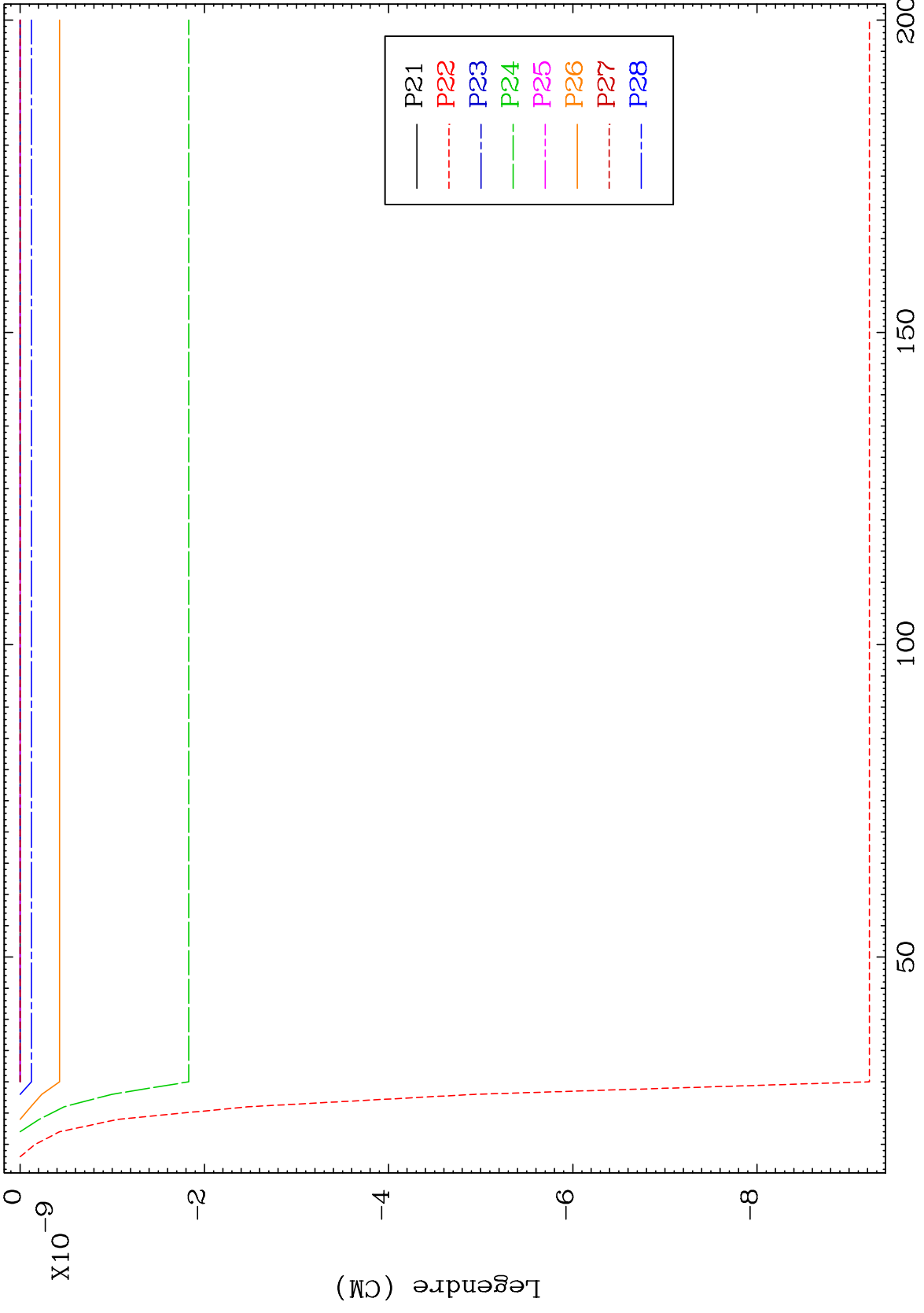


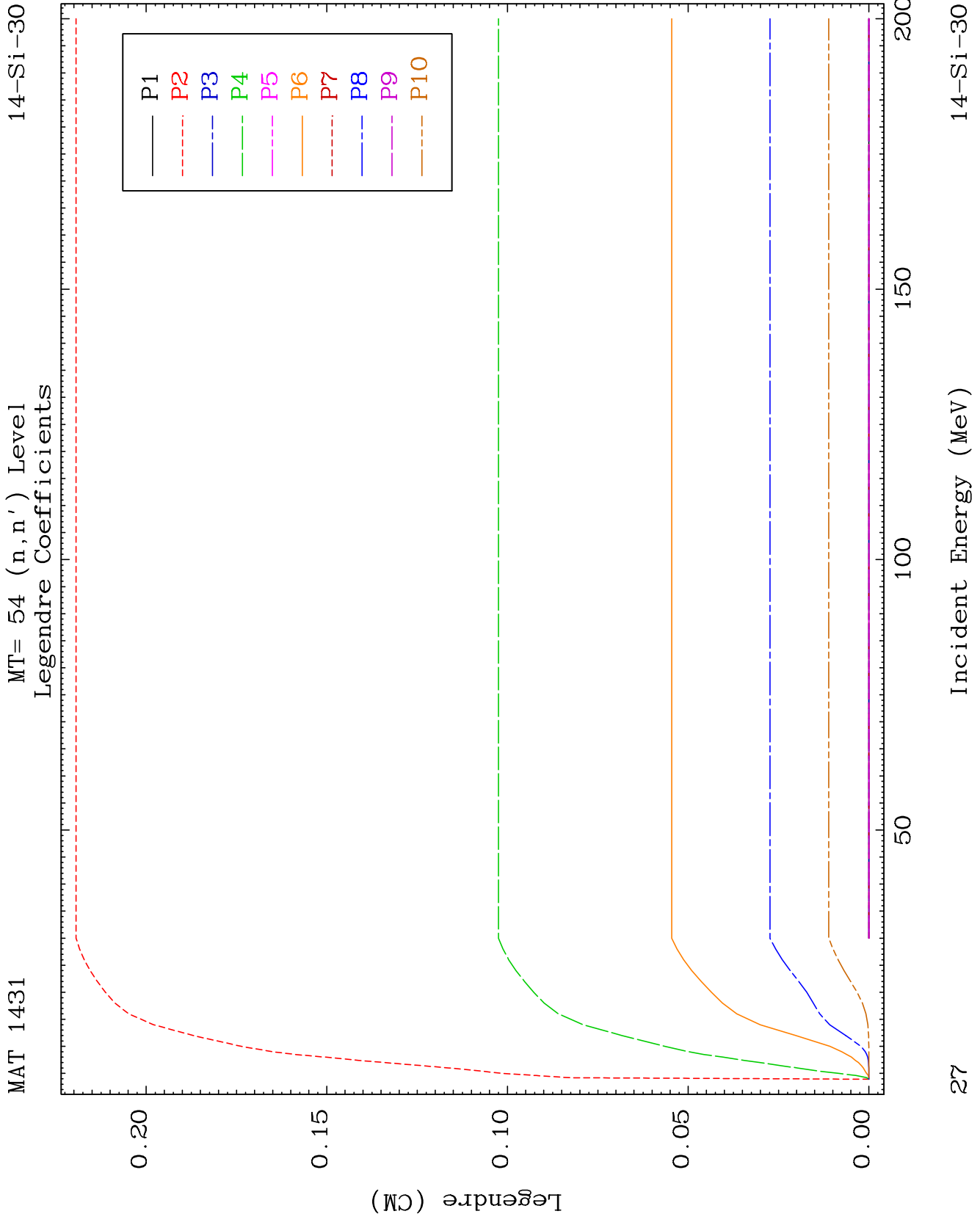
MAT 1431 MT= 53 (n,n') Level Legendre Coefficients 14-Si-30



25 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 53 (n,n') Level Legendre Coefficients 14-Si-30

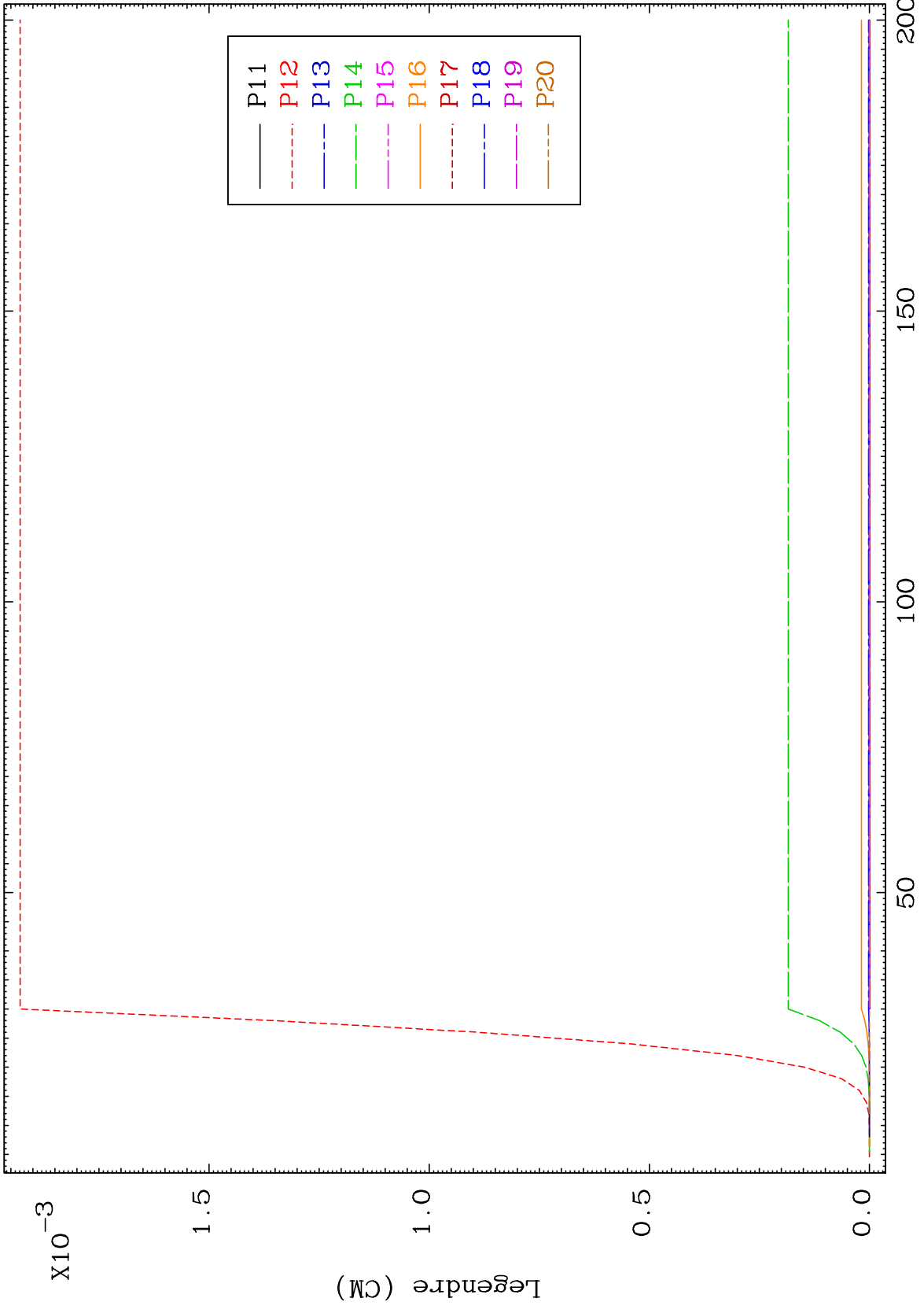




MAT 1431 MT= 54 (n,n') Level Legendre Coefficients

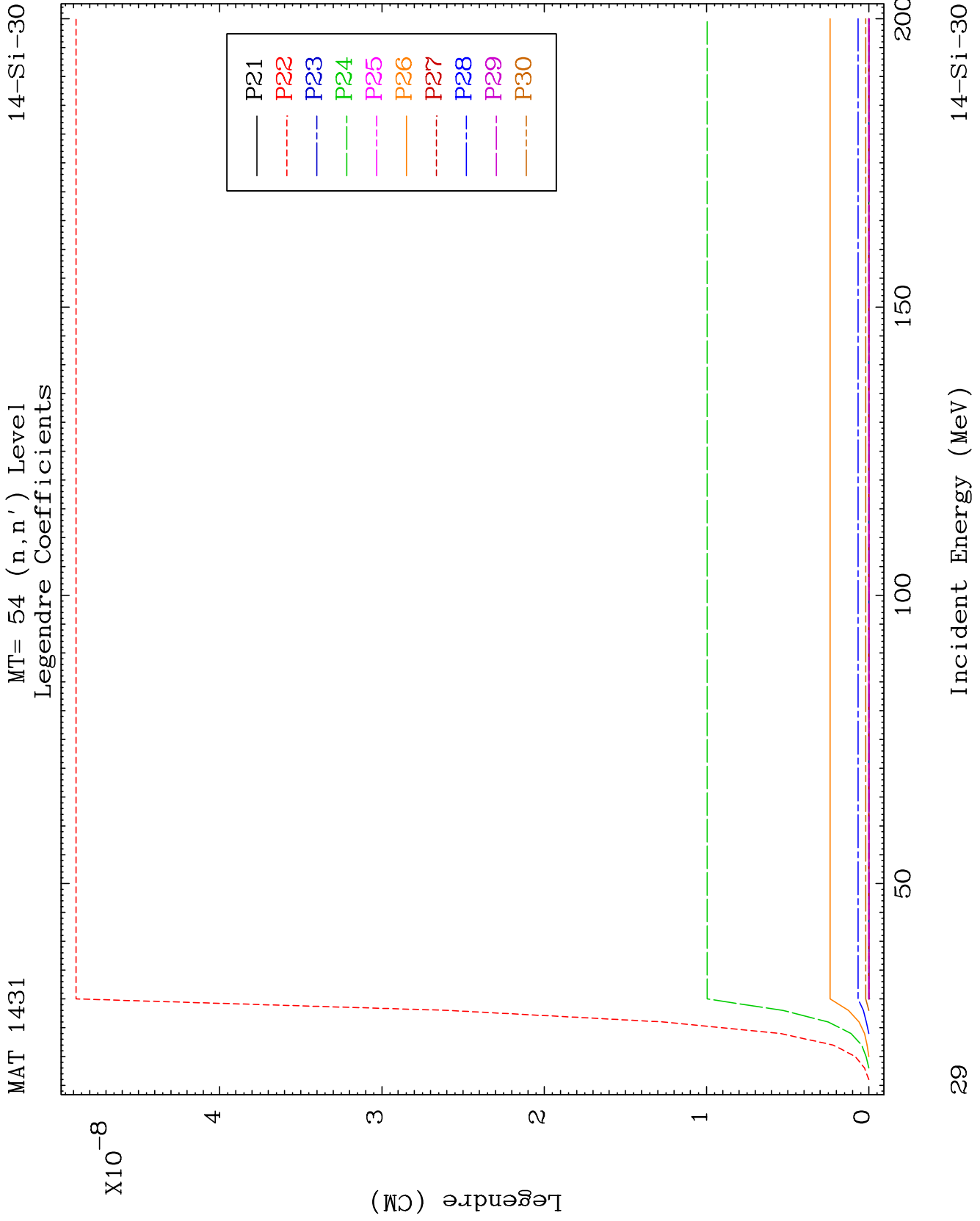
14-Si-30

14-Si-30



28

Incident Energy (MeV)

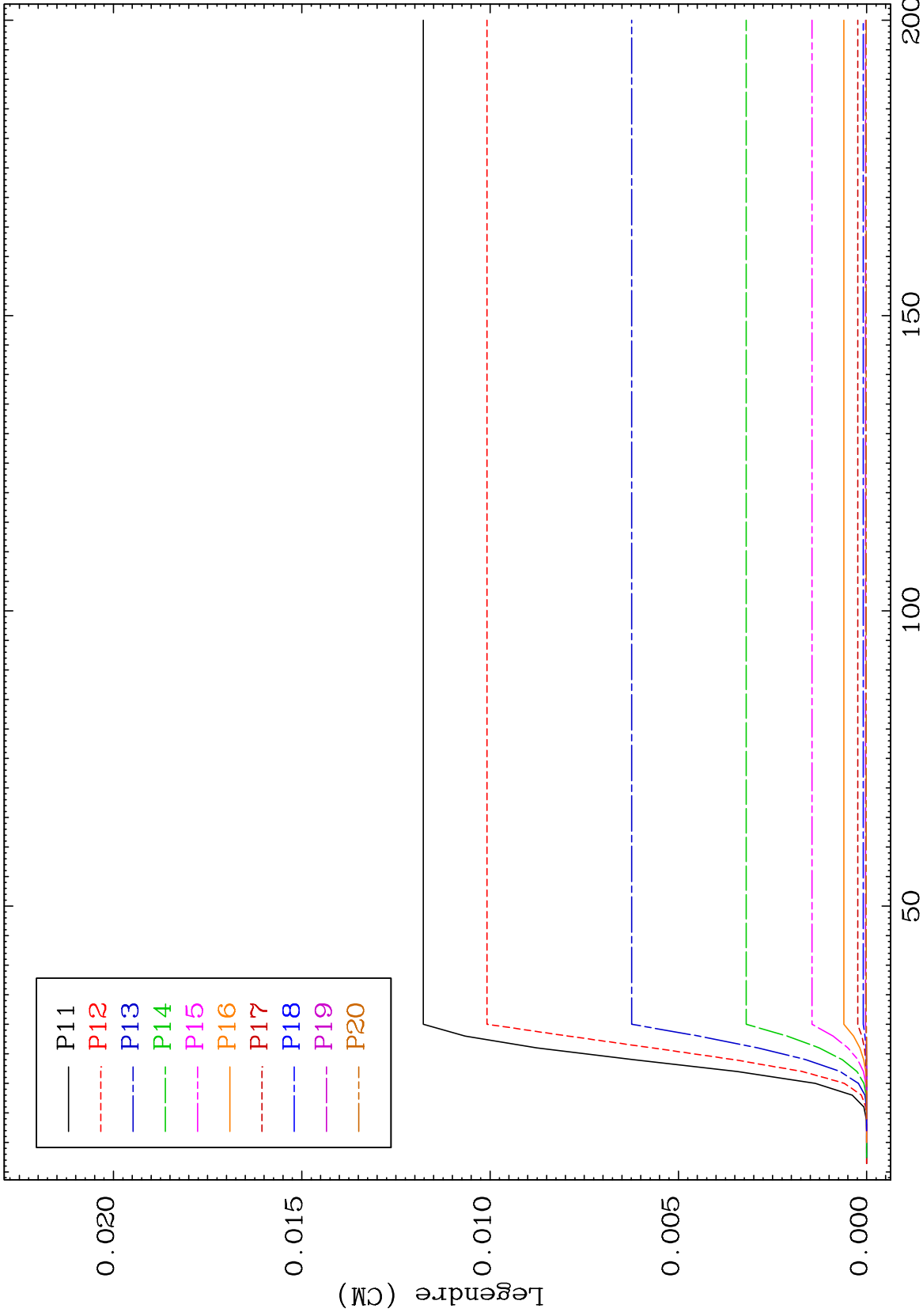




MAT 1431

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

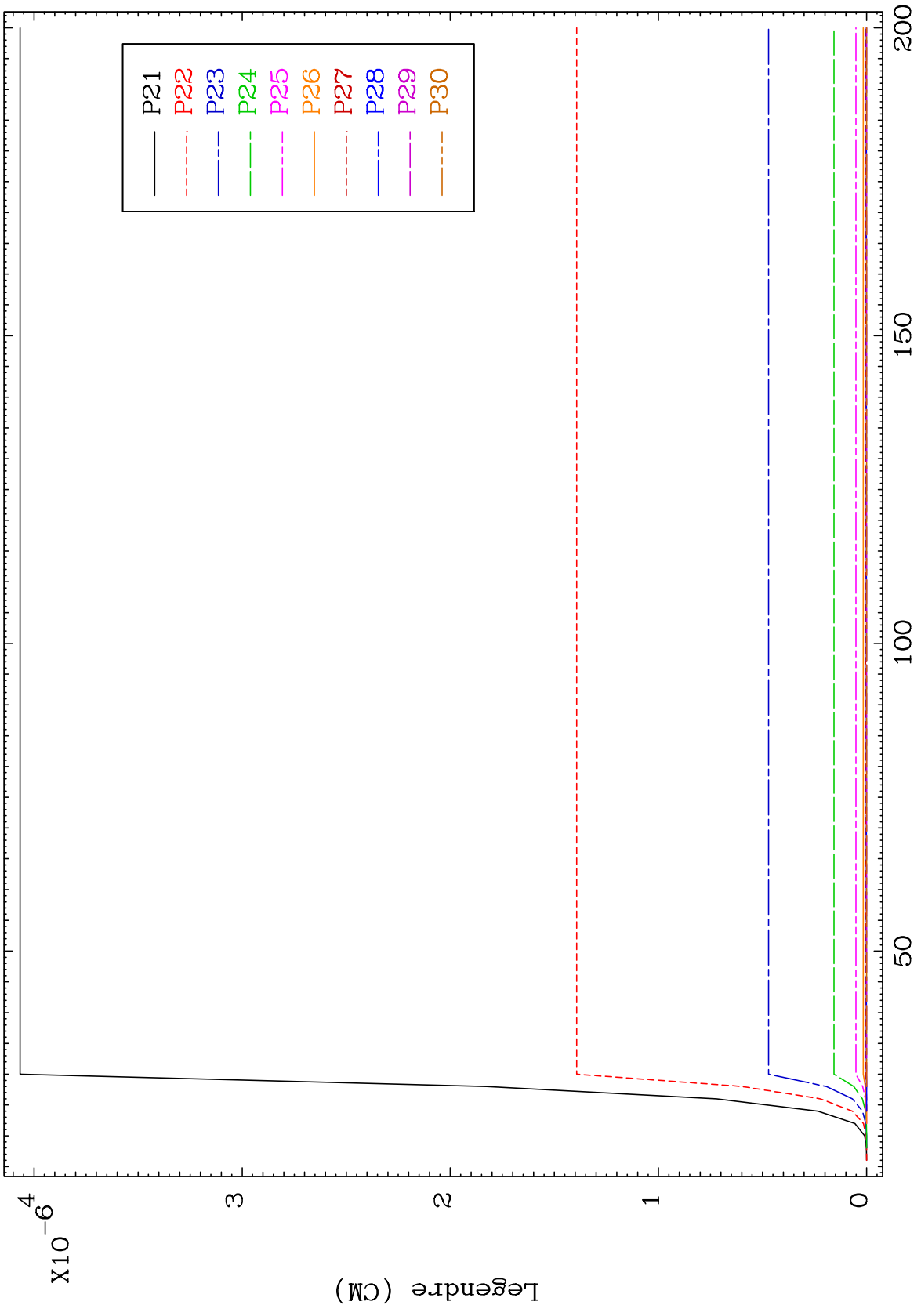
14-Si-30



MAT 1431

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

14-Si-30

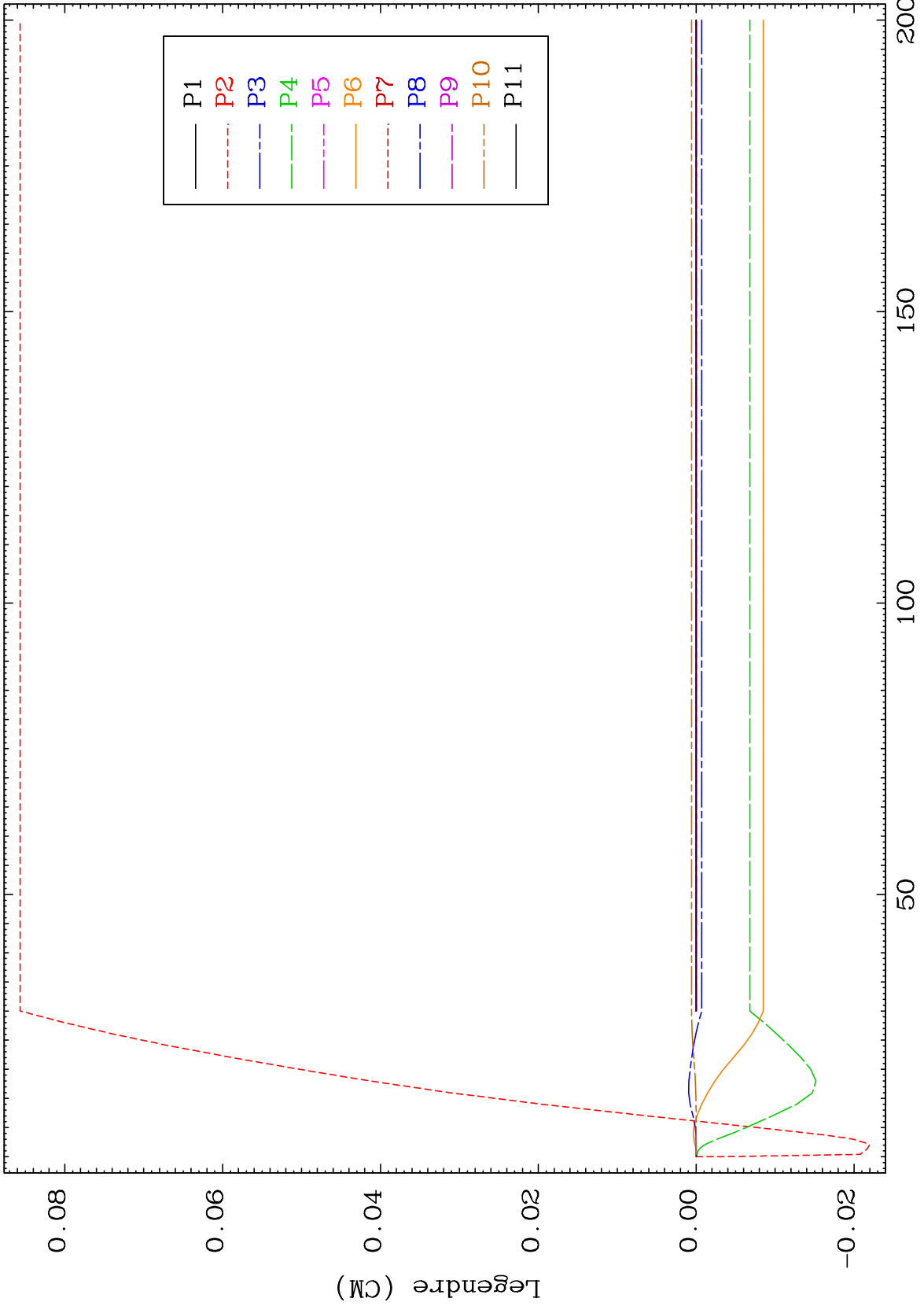


32

Incident Energy (MeV)

14-Si-30

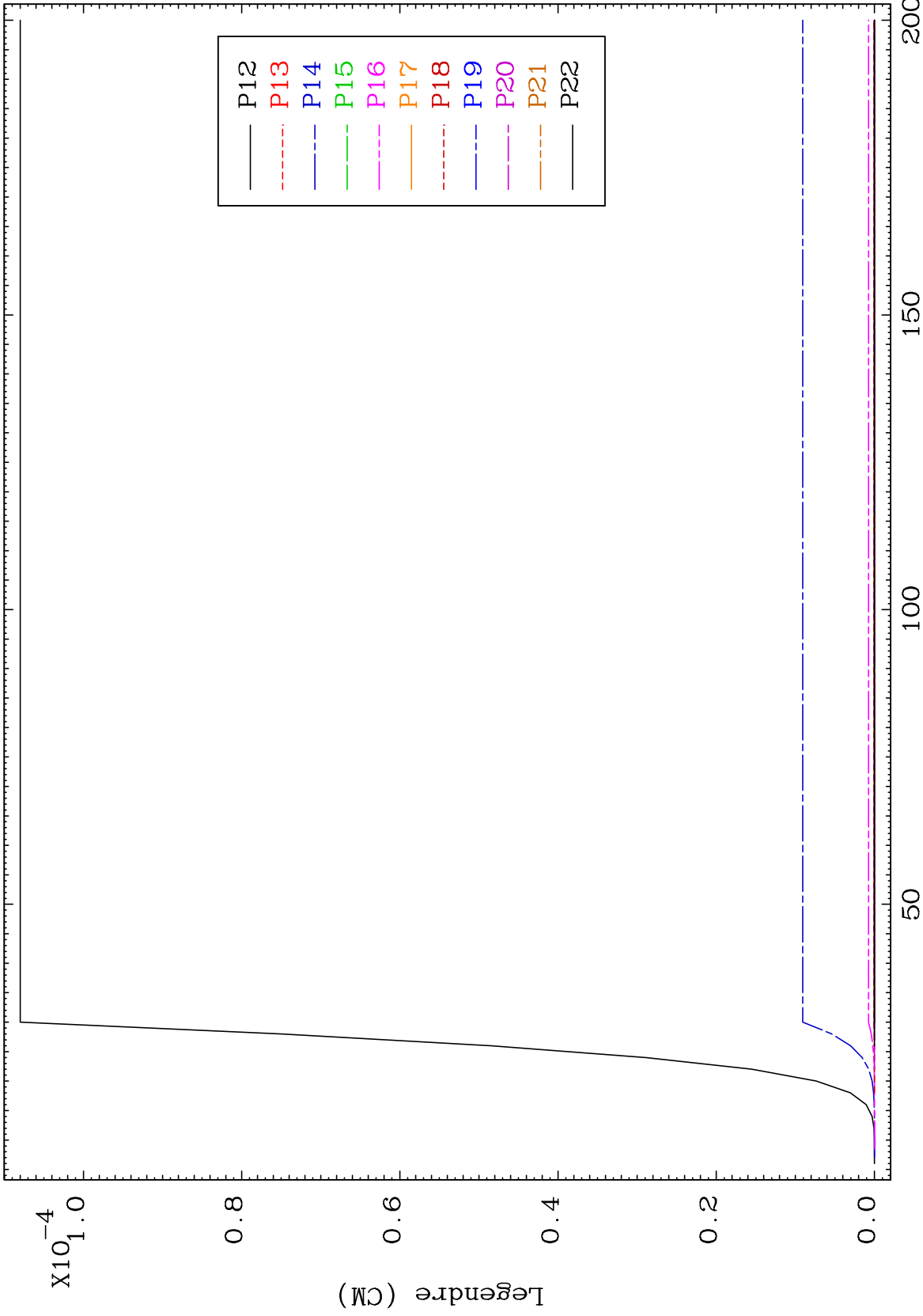
MAT 1431 MT= 56 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431

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

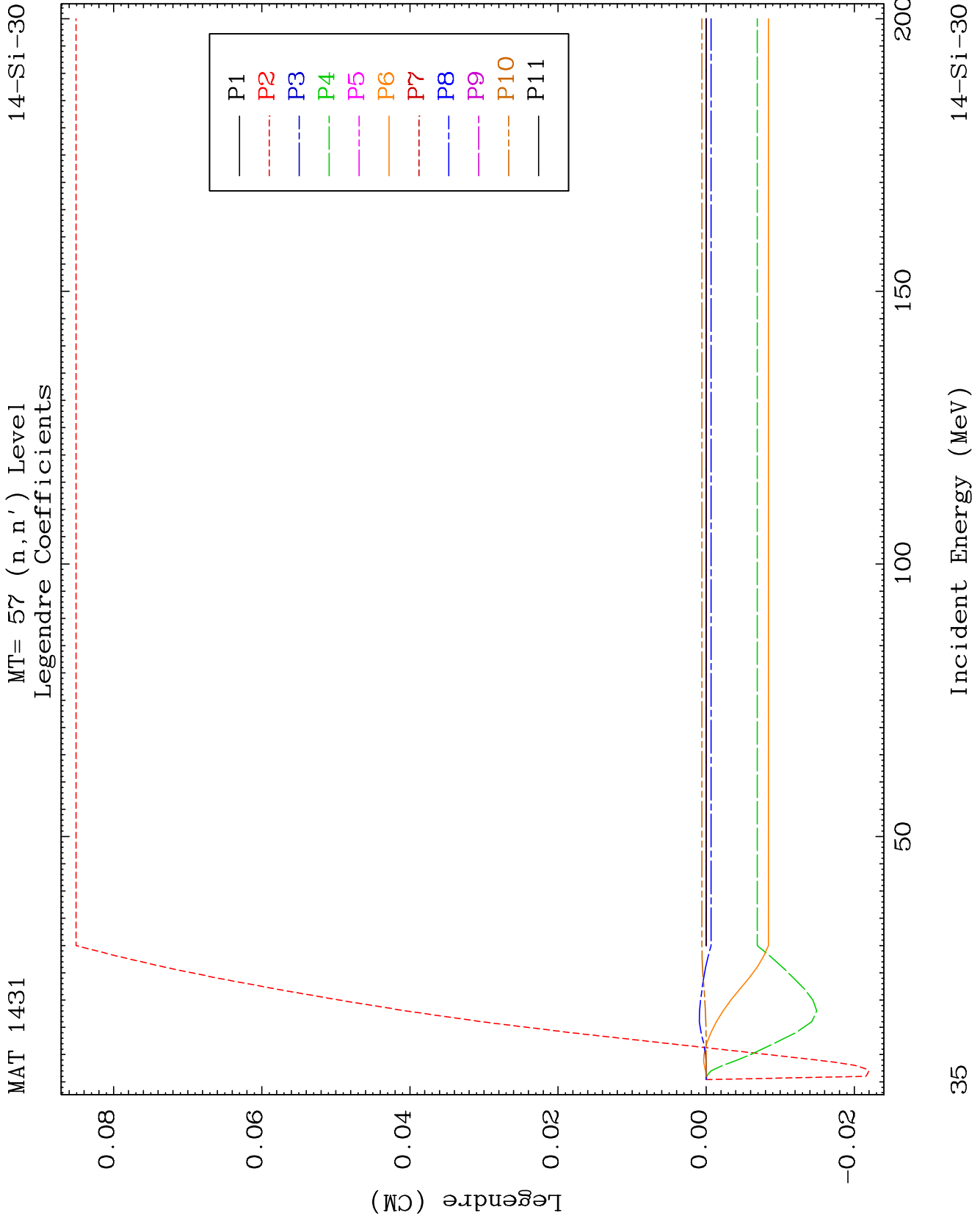
14-Si-30



34

Incident Energy (MeV)

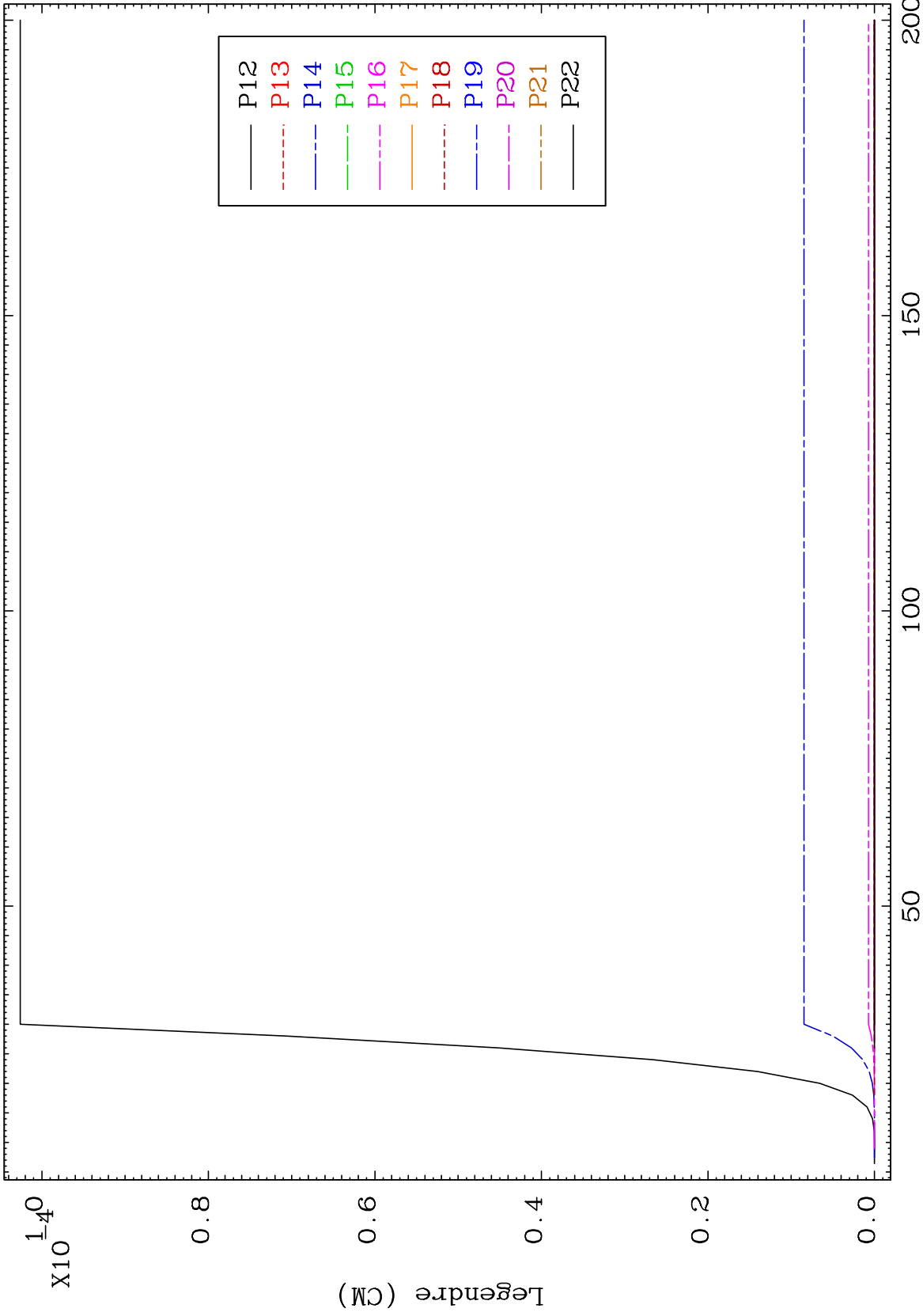
14-Si-30



MAT 1431

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

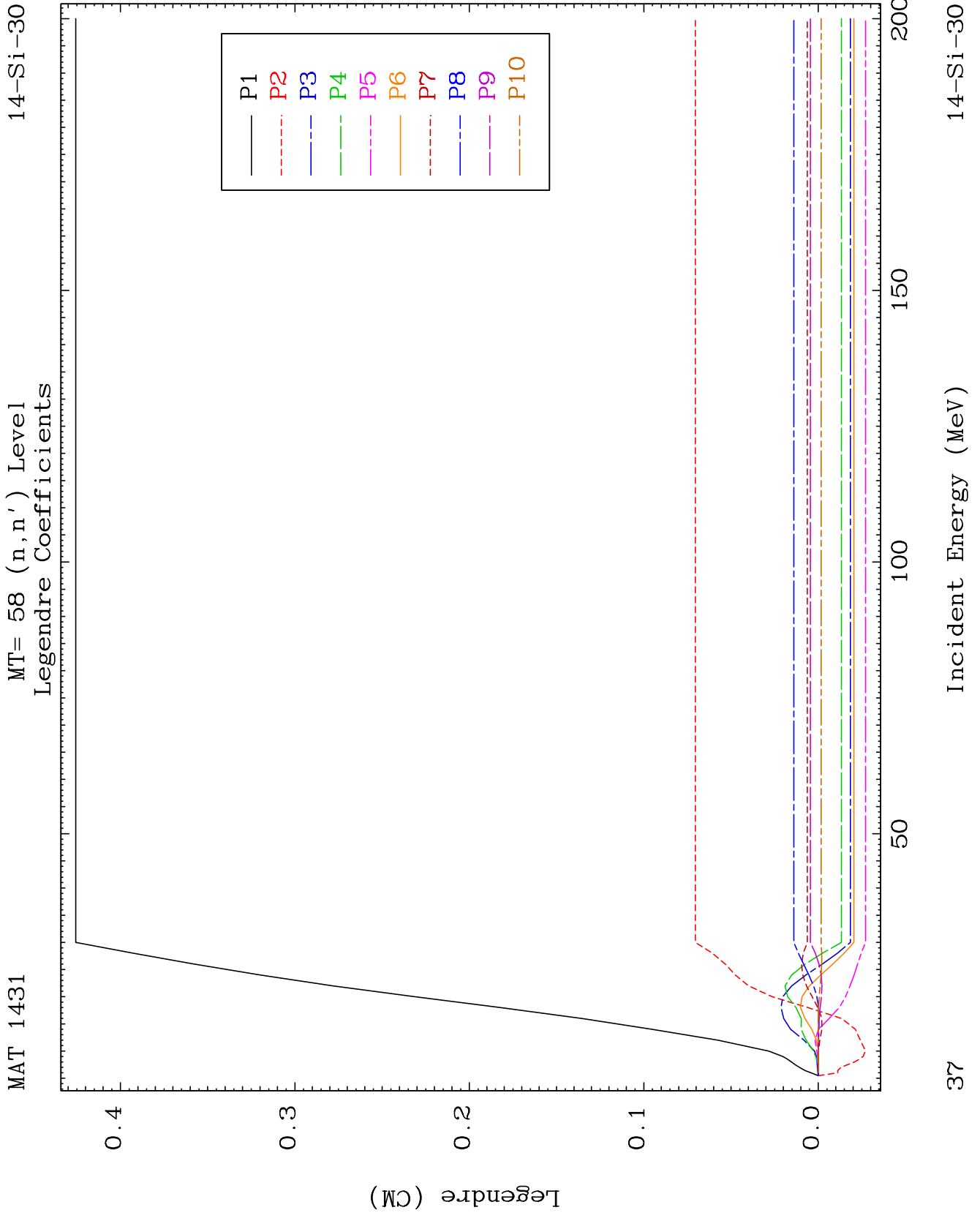
14-Si-30



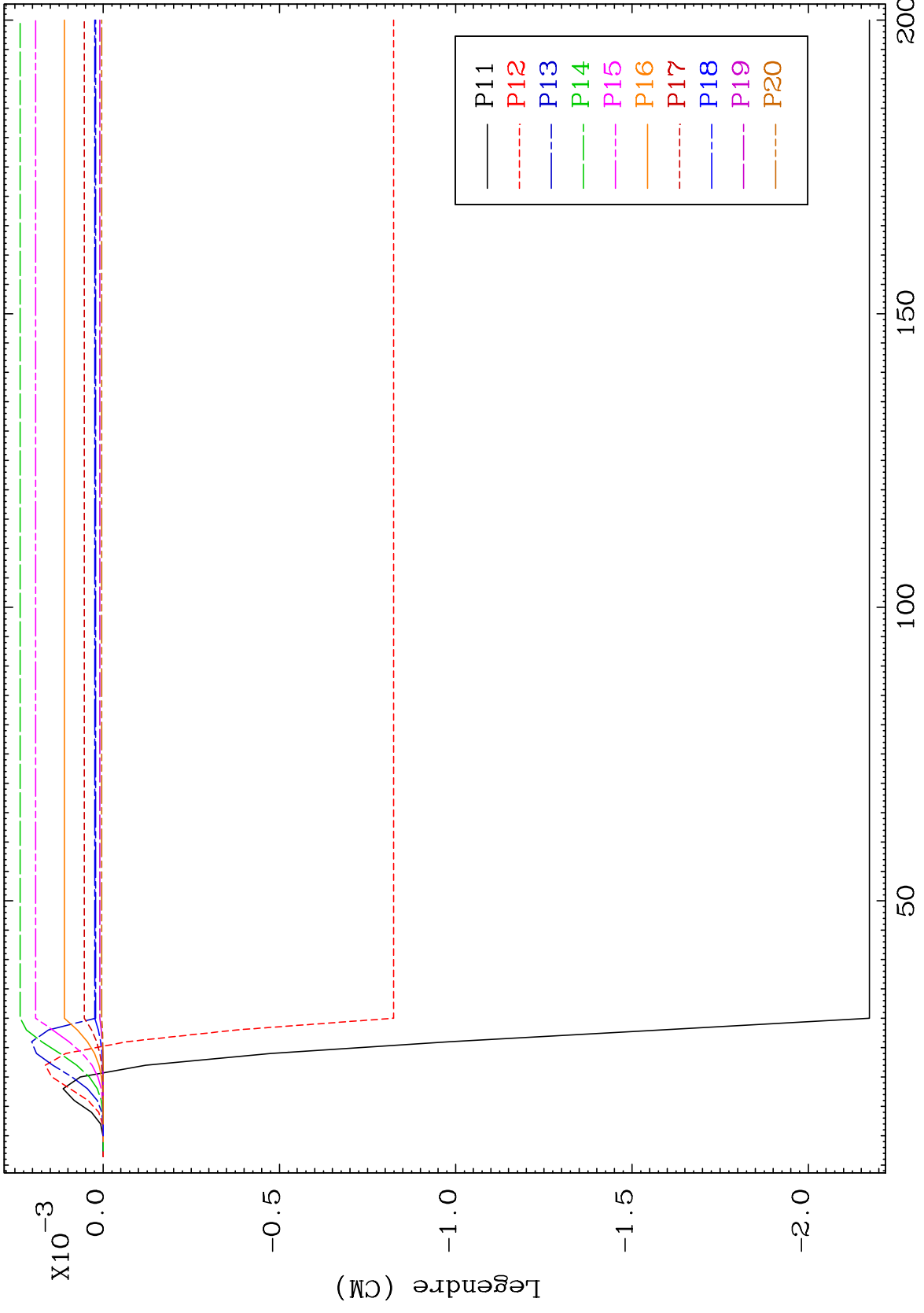
36

Incident Energy (MeV)

14-Si-30



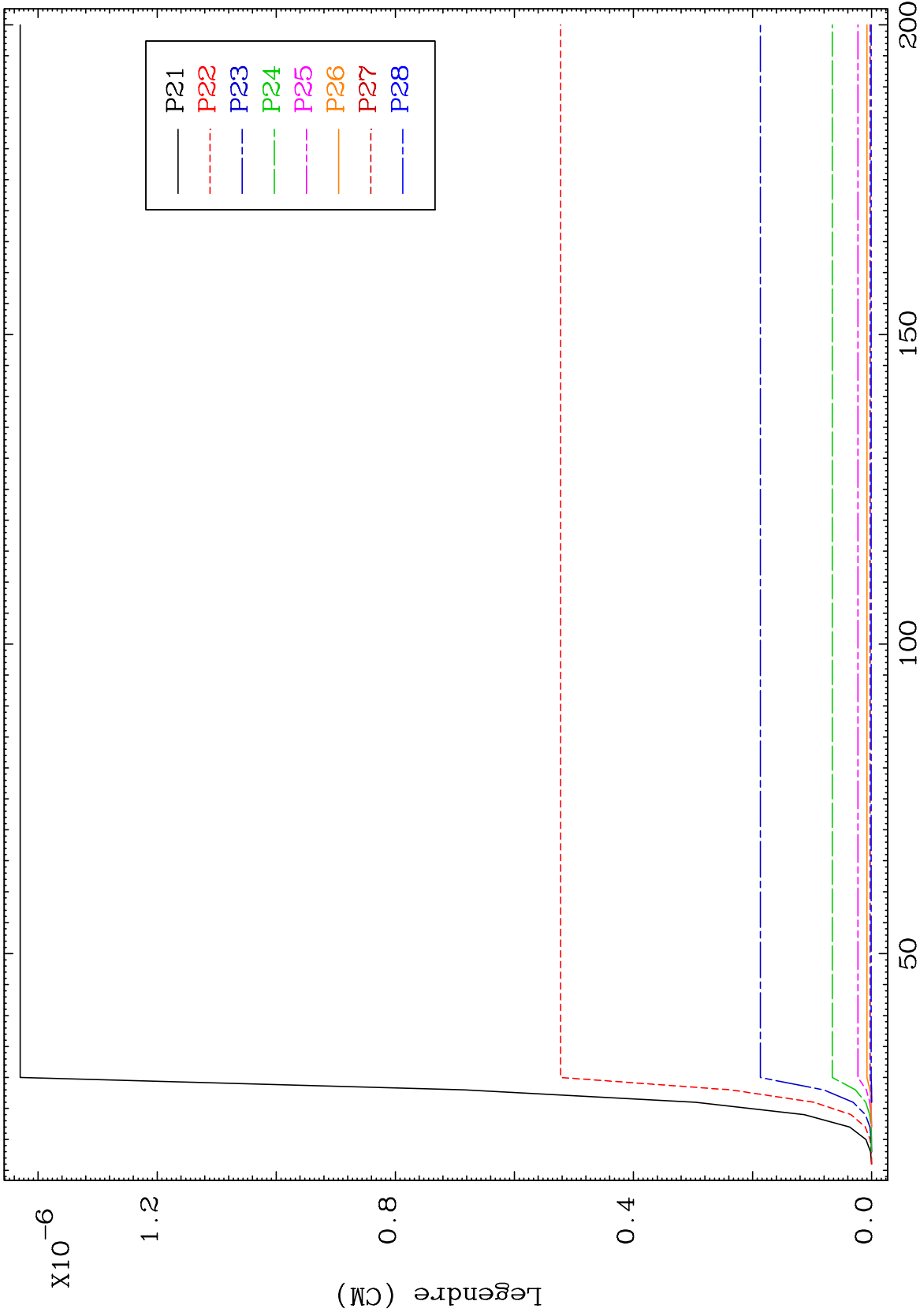
MAT 1431 MT= 58 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431

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

14-Si-30



39

Incident Energy (MeV)

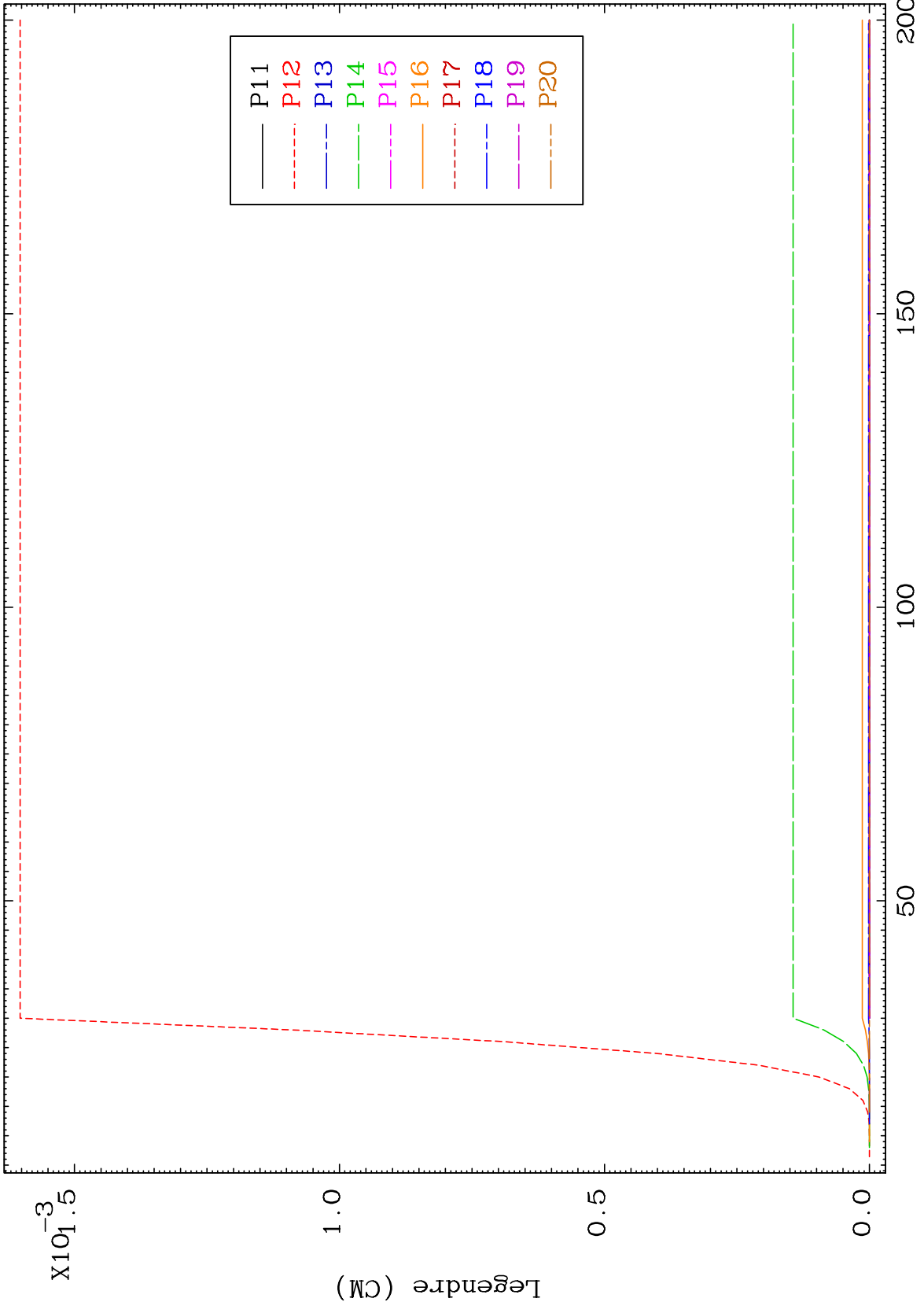
14-Si-30



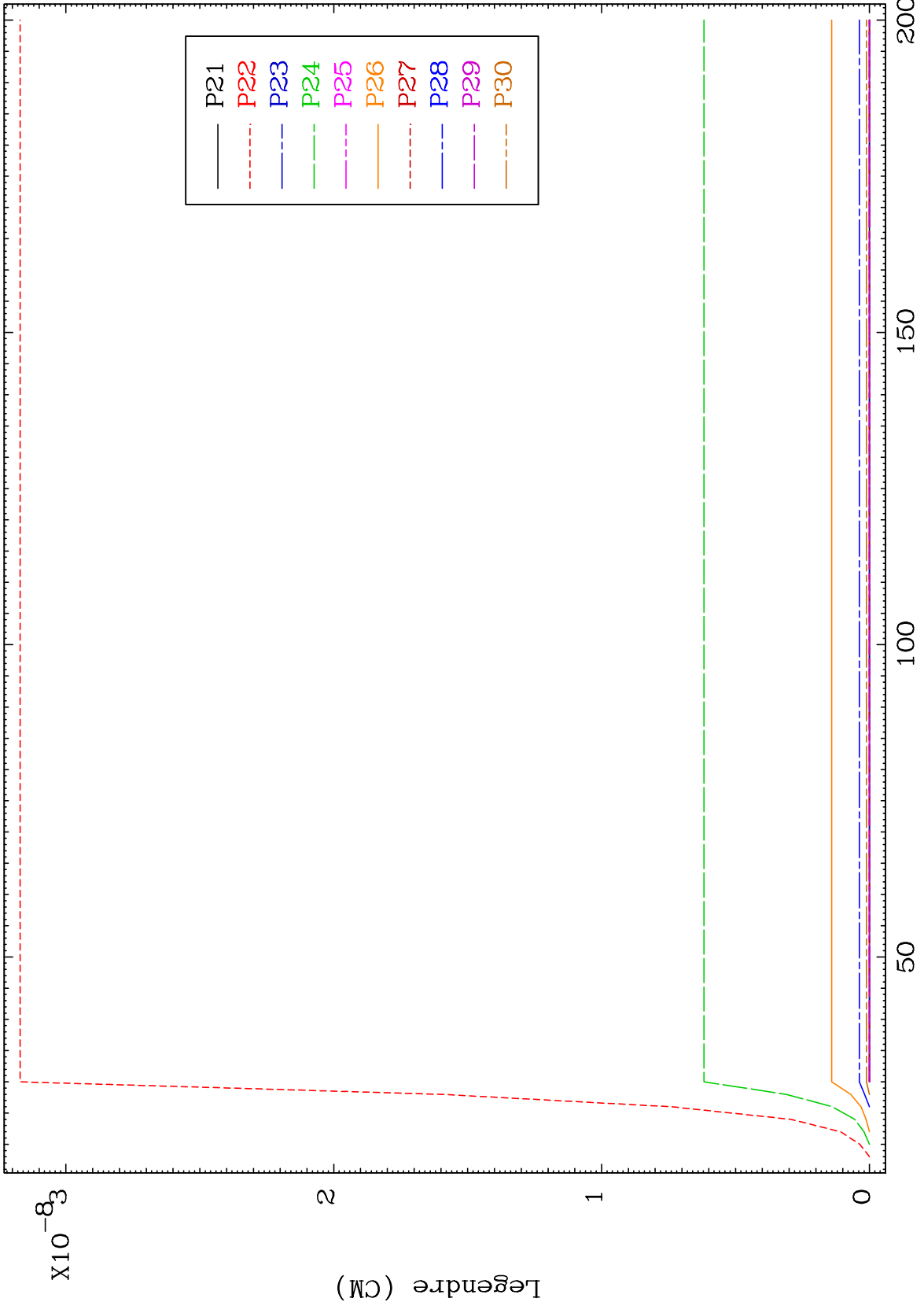
MAT 1431 MT= 59 (n,n') Level Legendre Coefficients

14-Si-30

14-Si-30



MAT 1431 MT= 59 (n,n') Level Legendre Coefficients 14-Si-30



14-Si-30

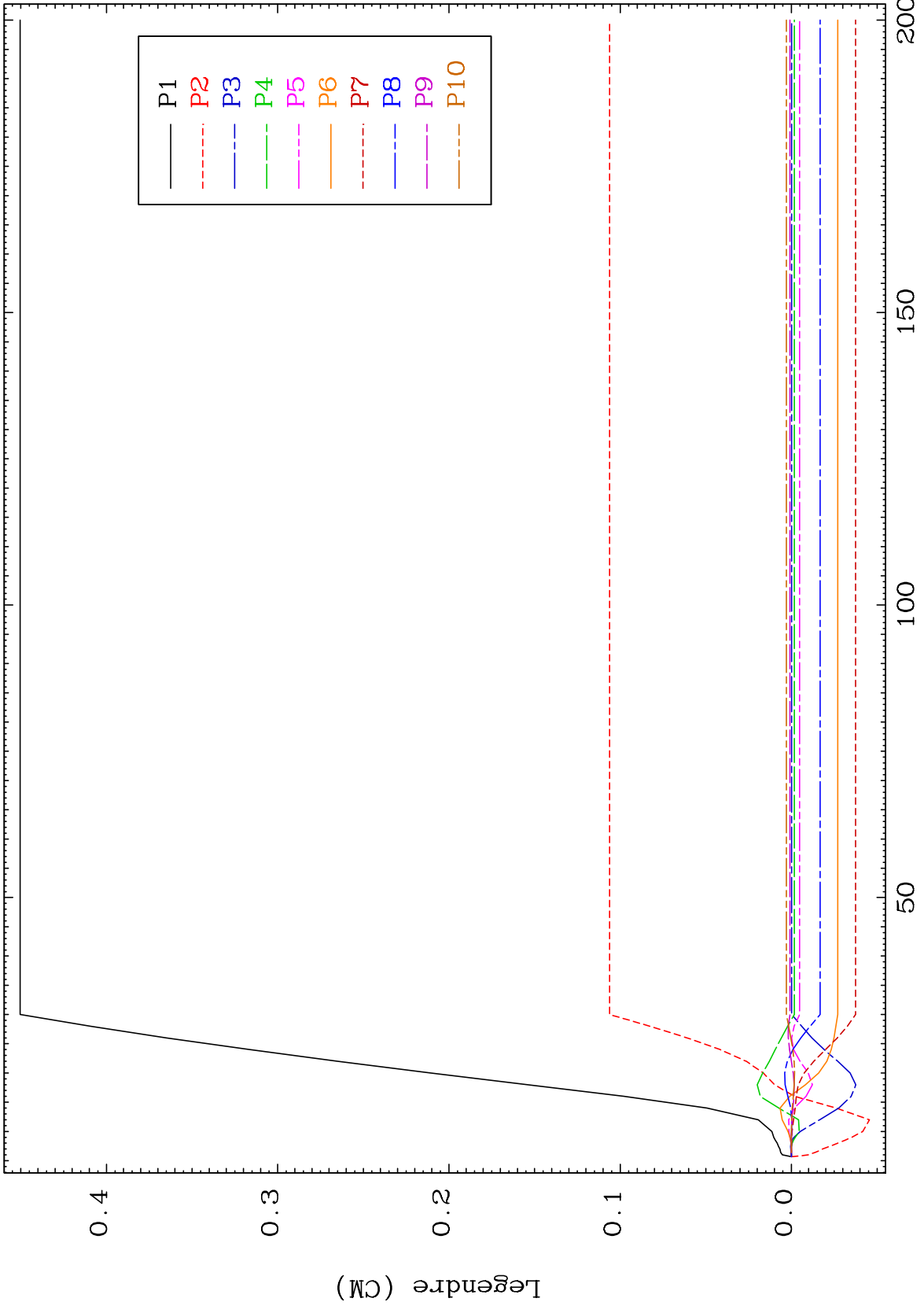
Incident Energy (MeV)

42

$\times 10^{-3}$

Legendre (CM)

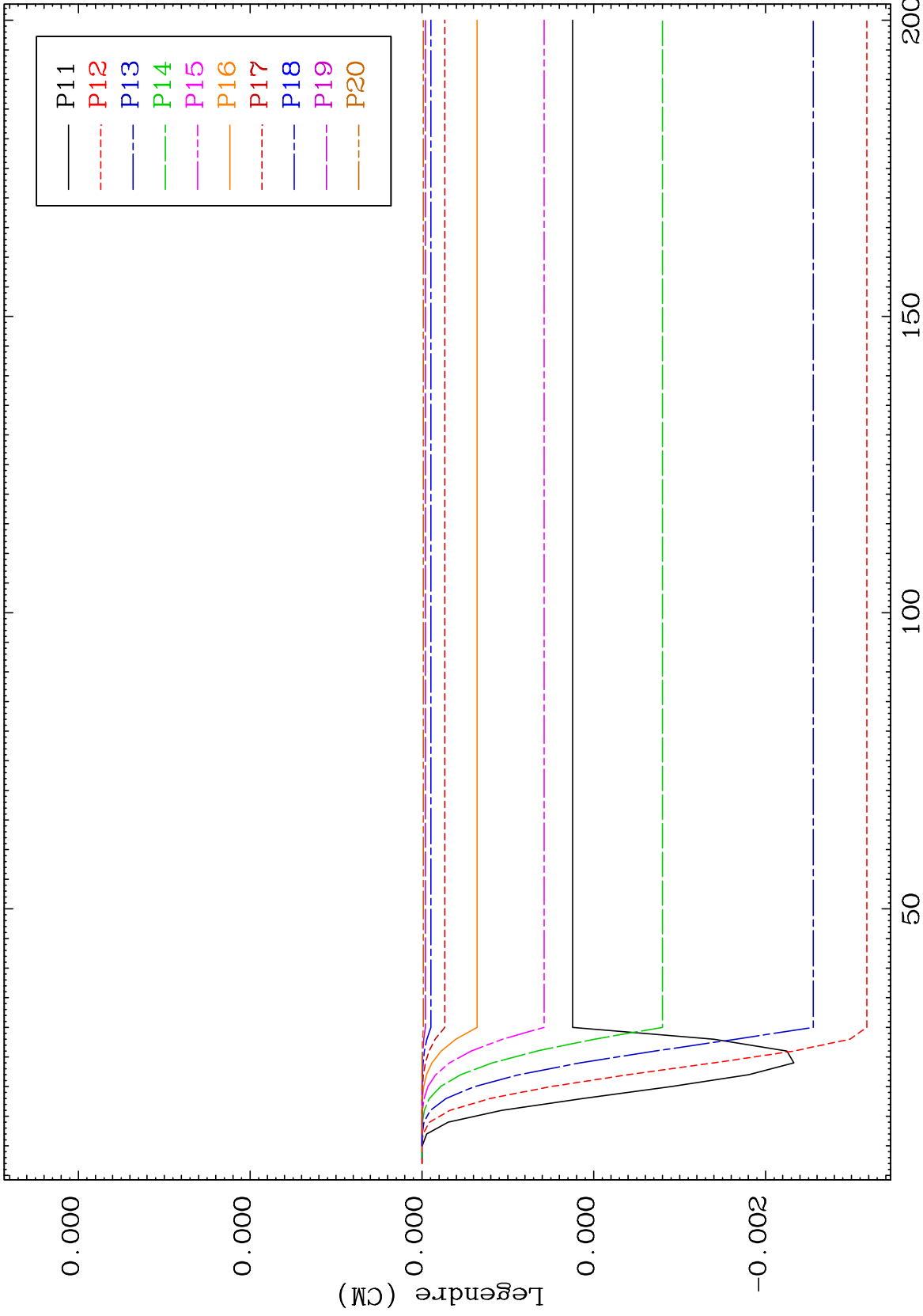
MAT 1431 MT= 60 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431

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

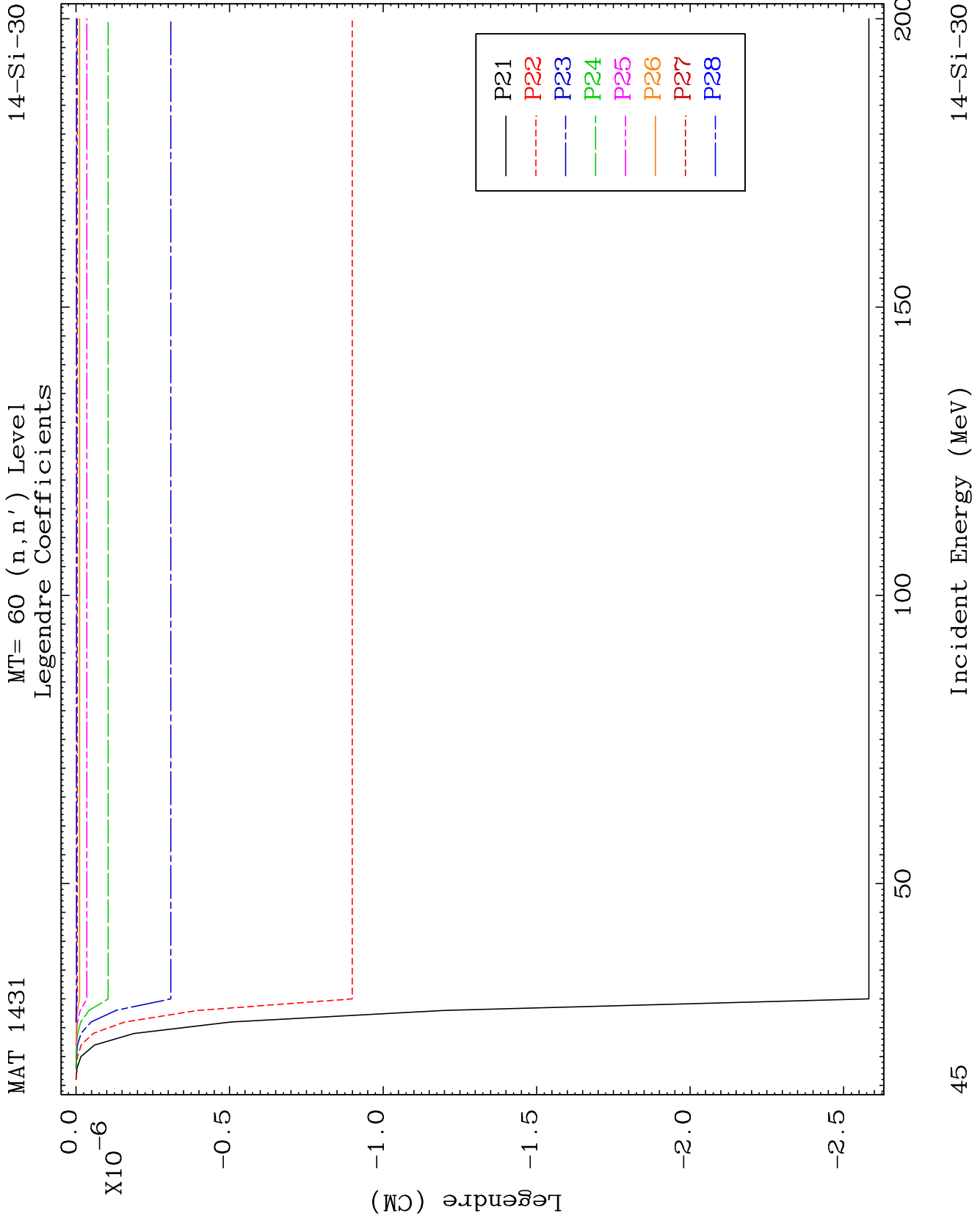
14-Si-30

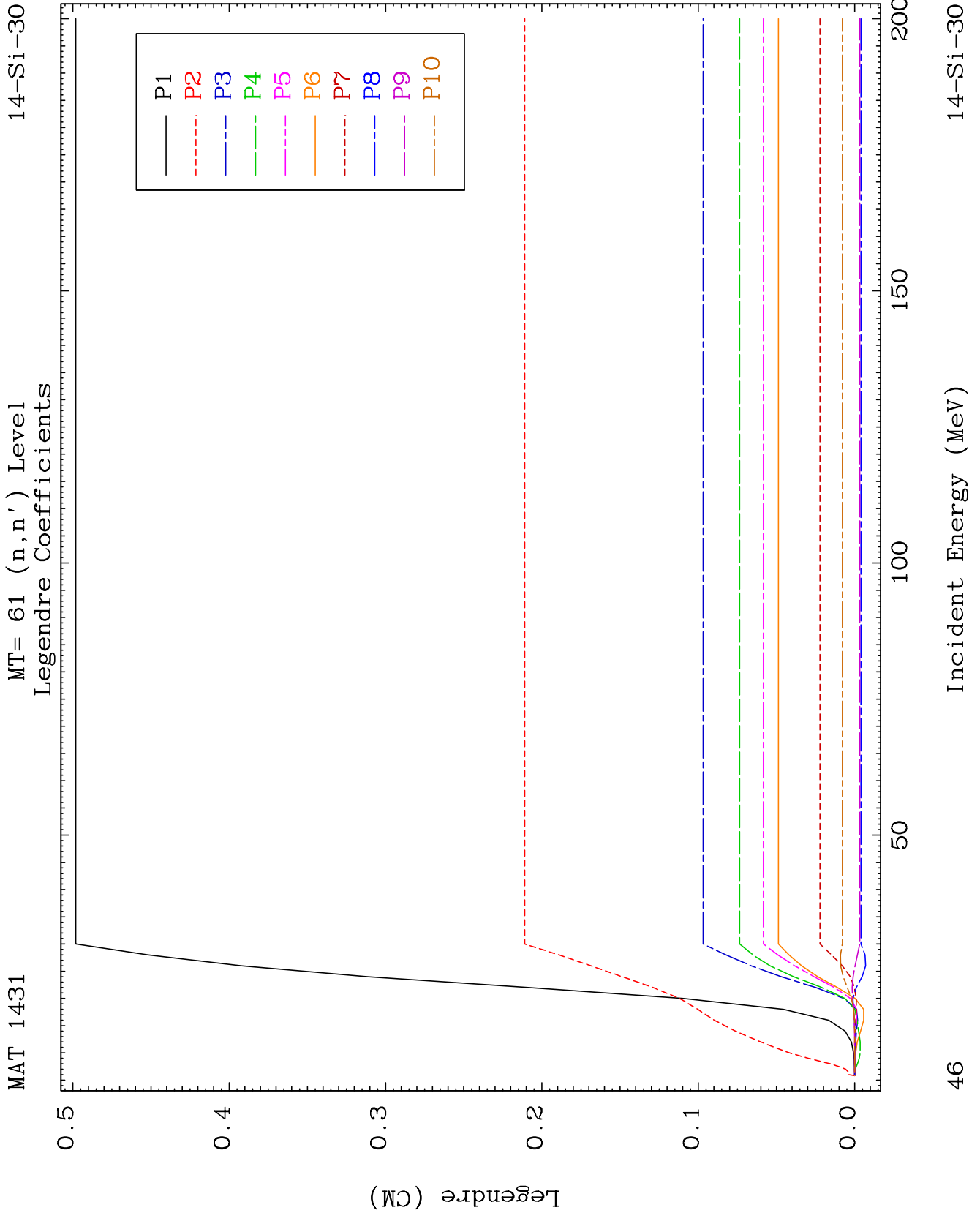


44

Incident Energy (MeV)

14-Si-30

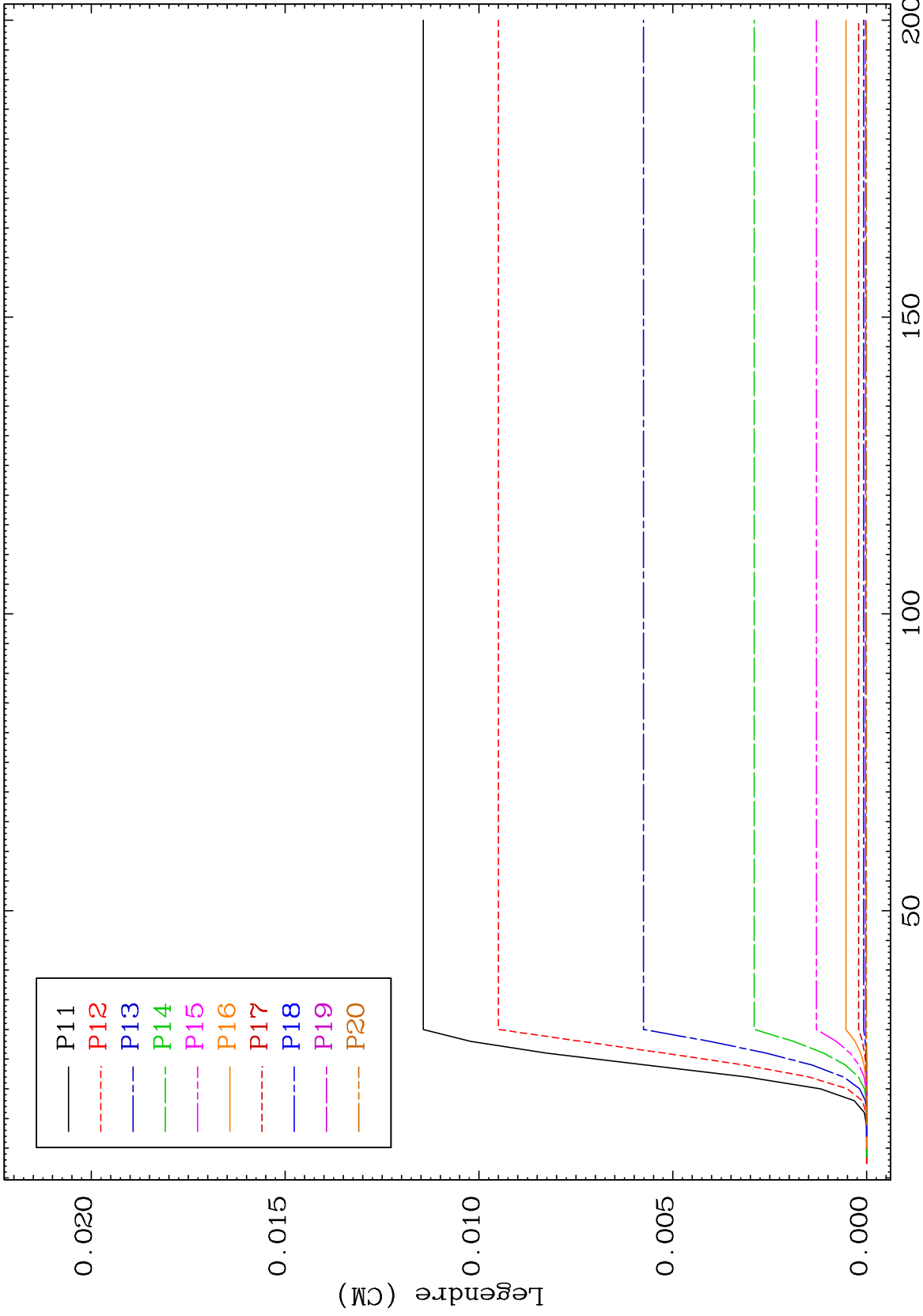




MAT 1431

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

14-Si-30

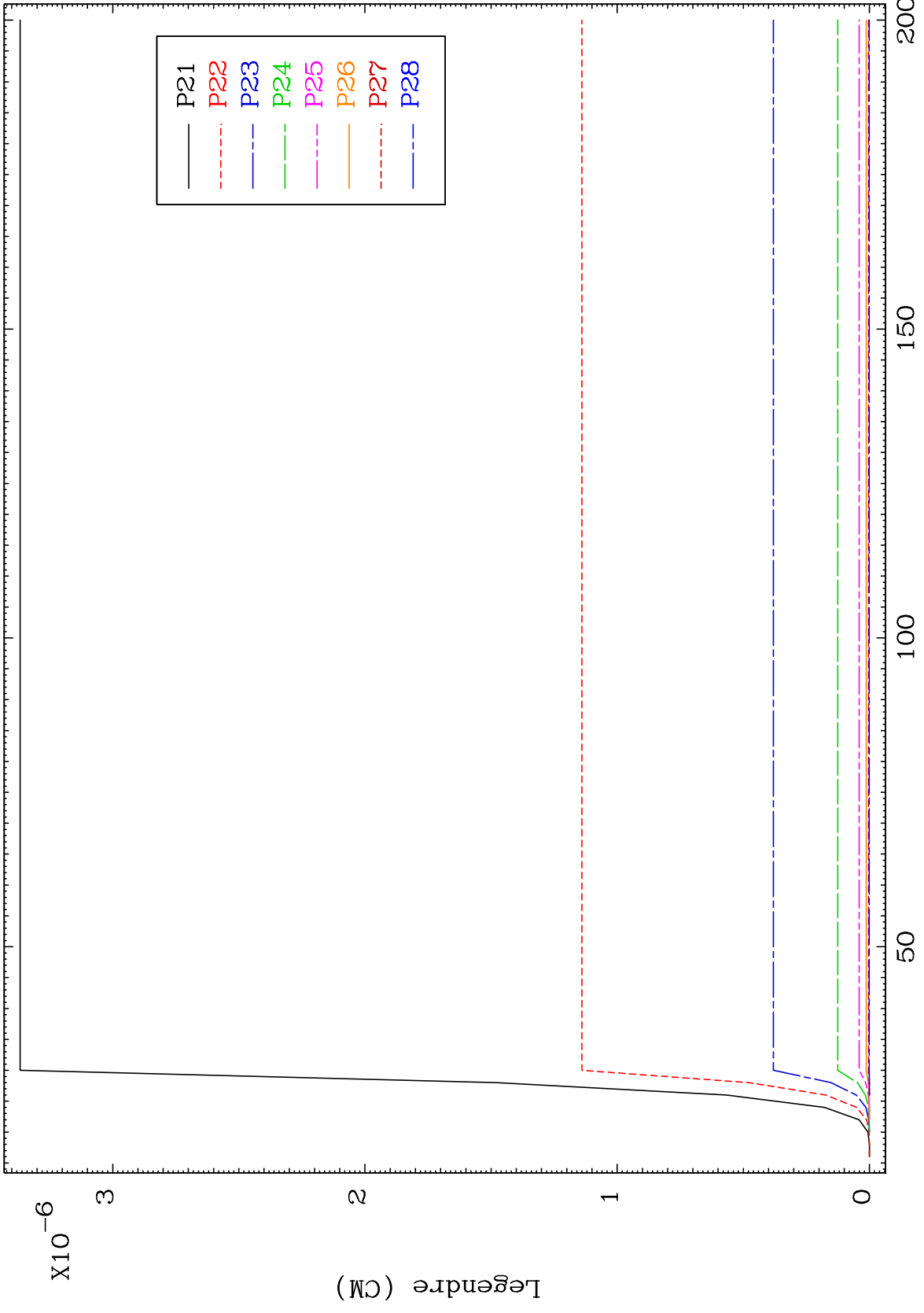


47

Incident Energy (MeV)

14-Si-30

MAT 1431 MT= 61 (n,n') Level Legendre Coefficients 14-Si-30

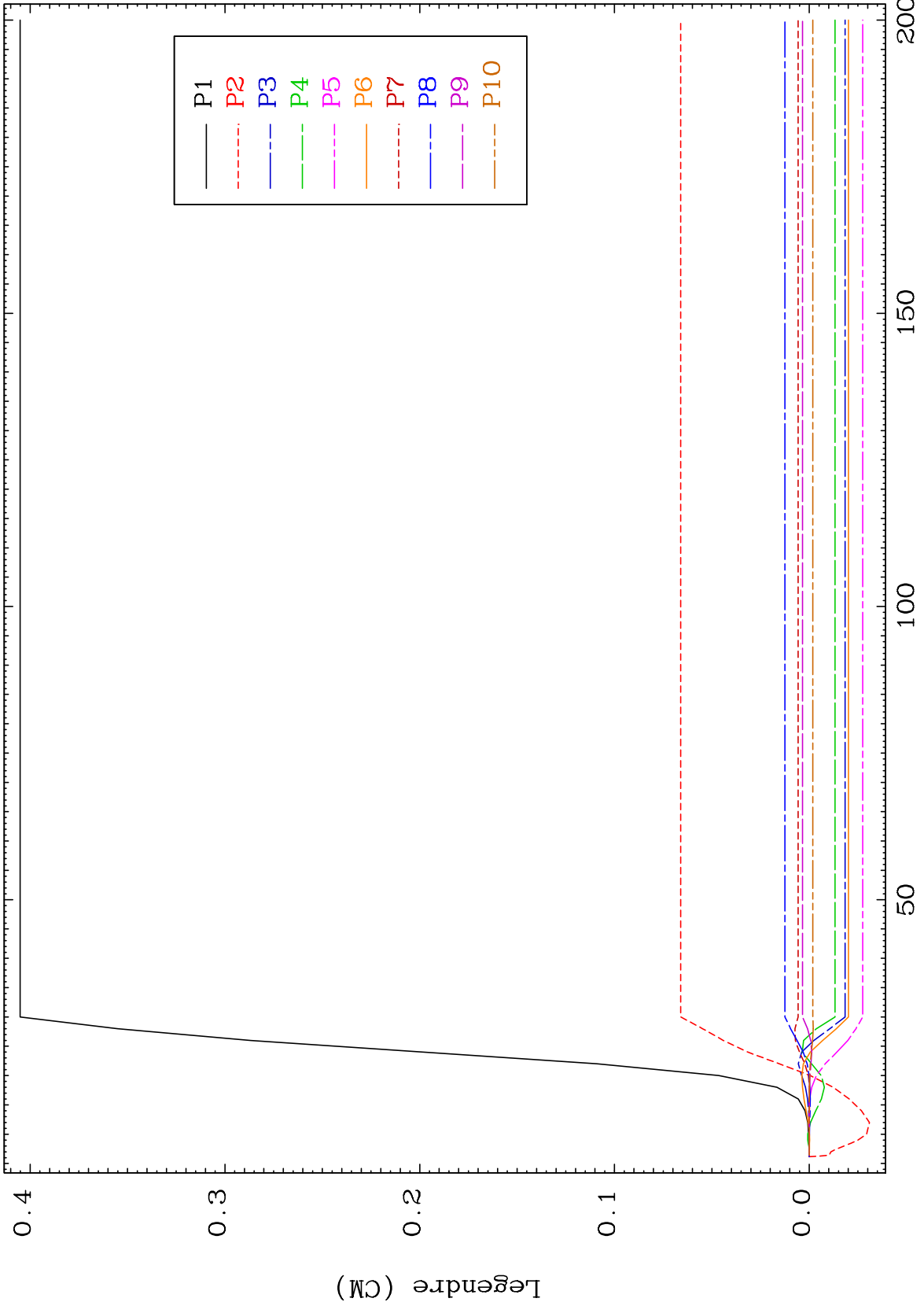


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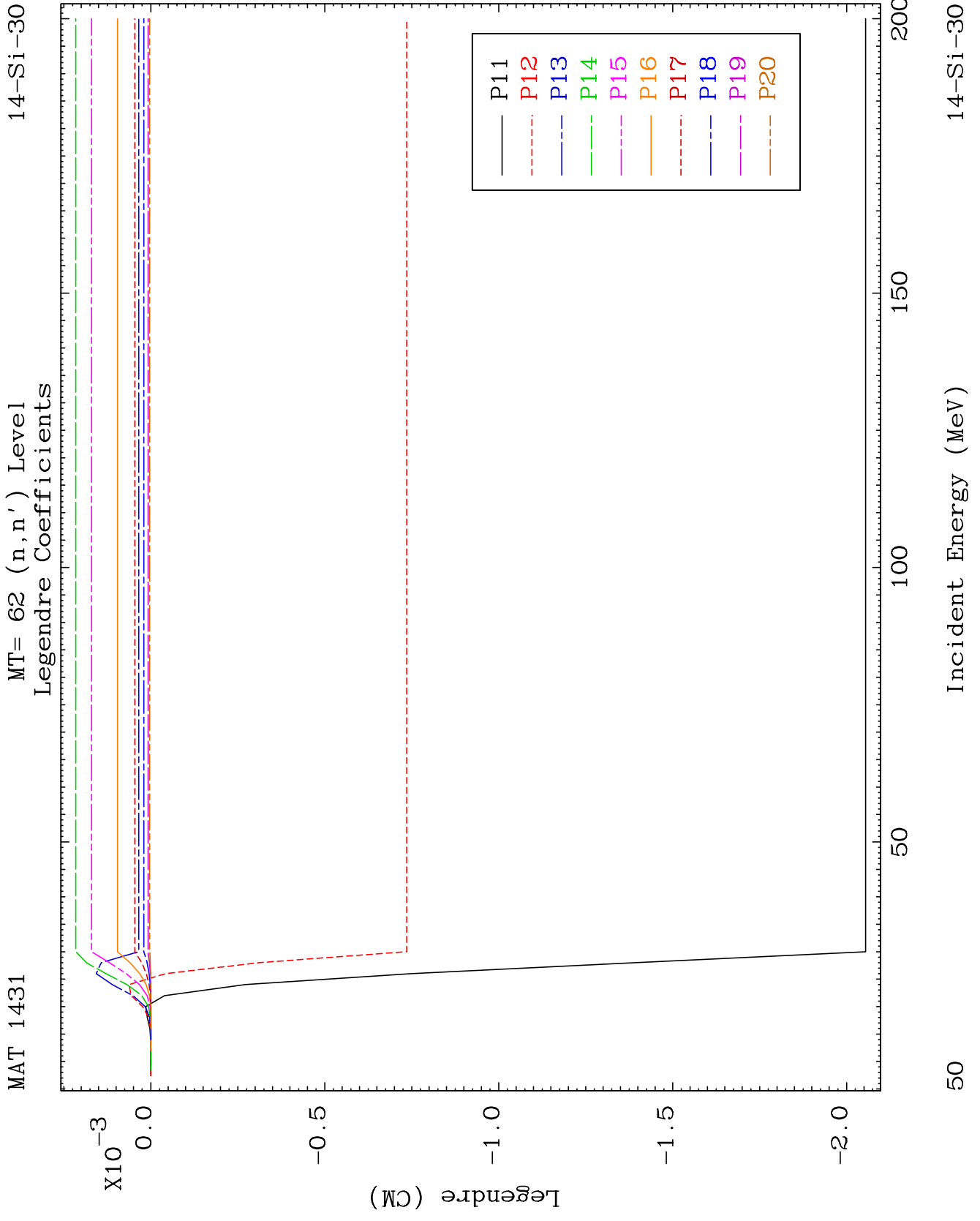
Incident Energy (MeV)

14-Si-30

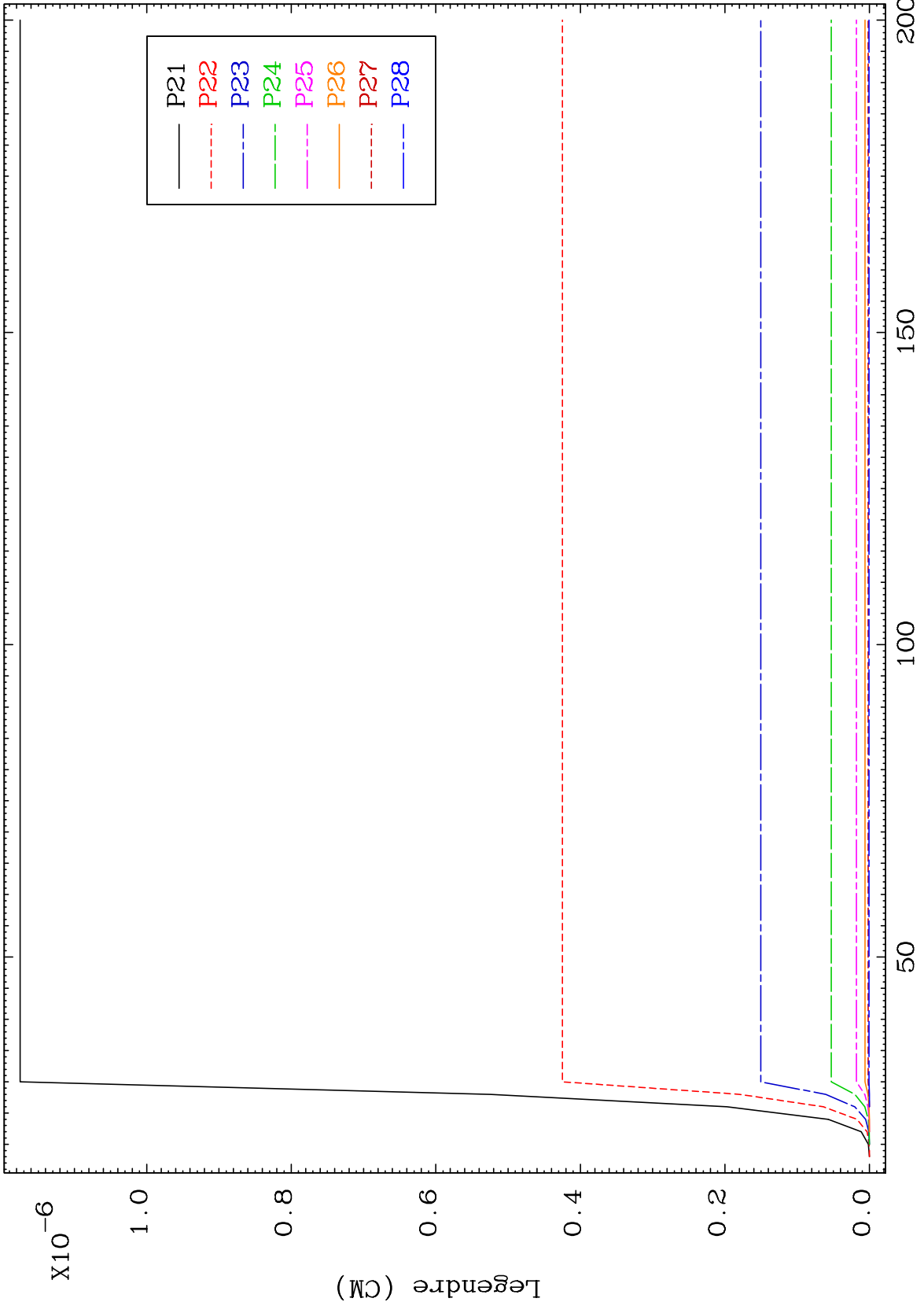
MAT 1431 MT= 62 (n,n') Level Legendre Coefficients 14-Si-30



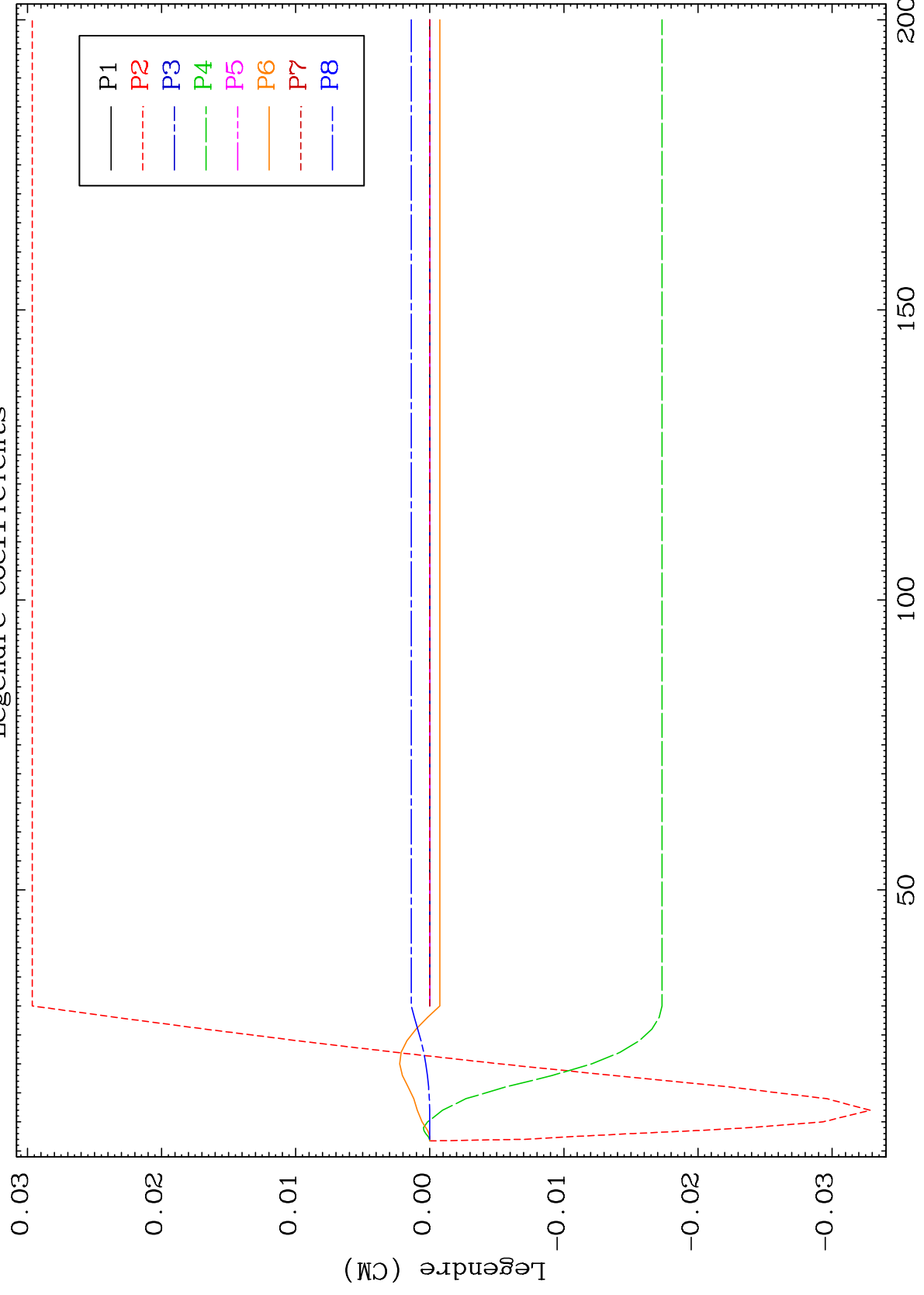
49 Incident Energy (MeV) 14-Si-30



MAT 1431 MT= 62 (n,n') Level Legendre Coefficients 14-Si-30

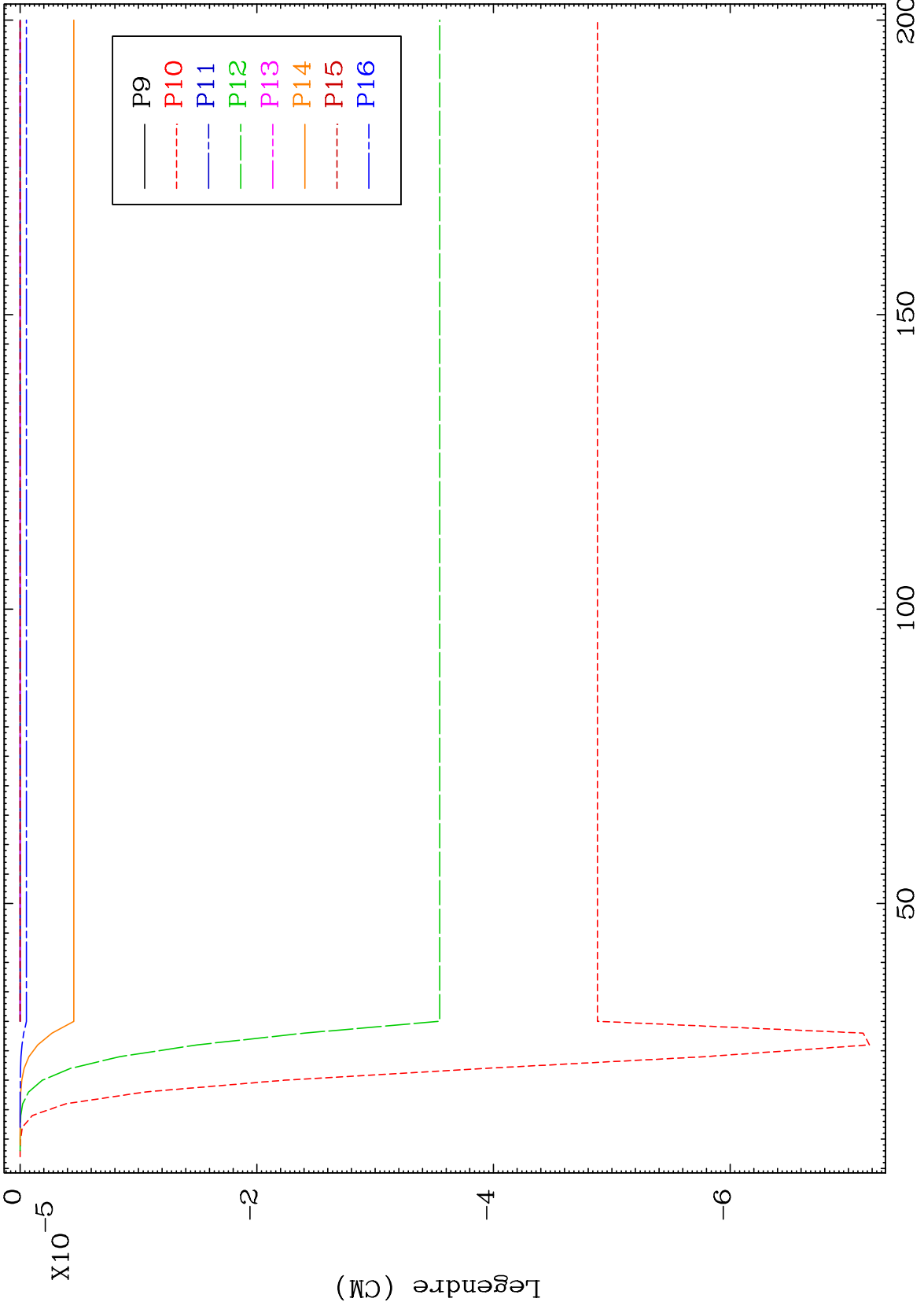


MAT 1431 MT= 63 (n,n') Level Legendre Coefficients 14-Si-30

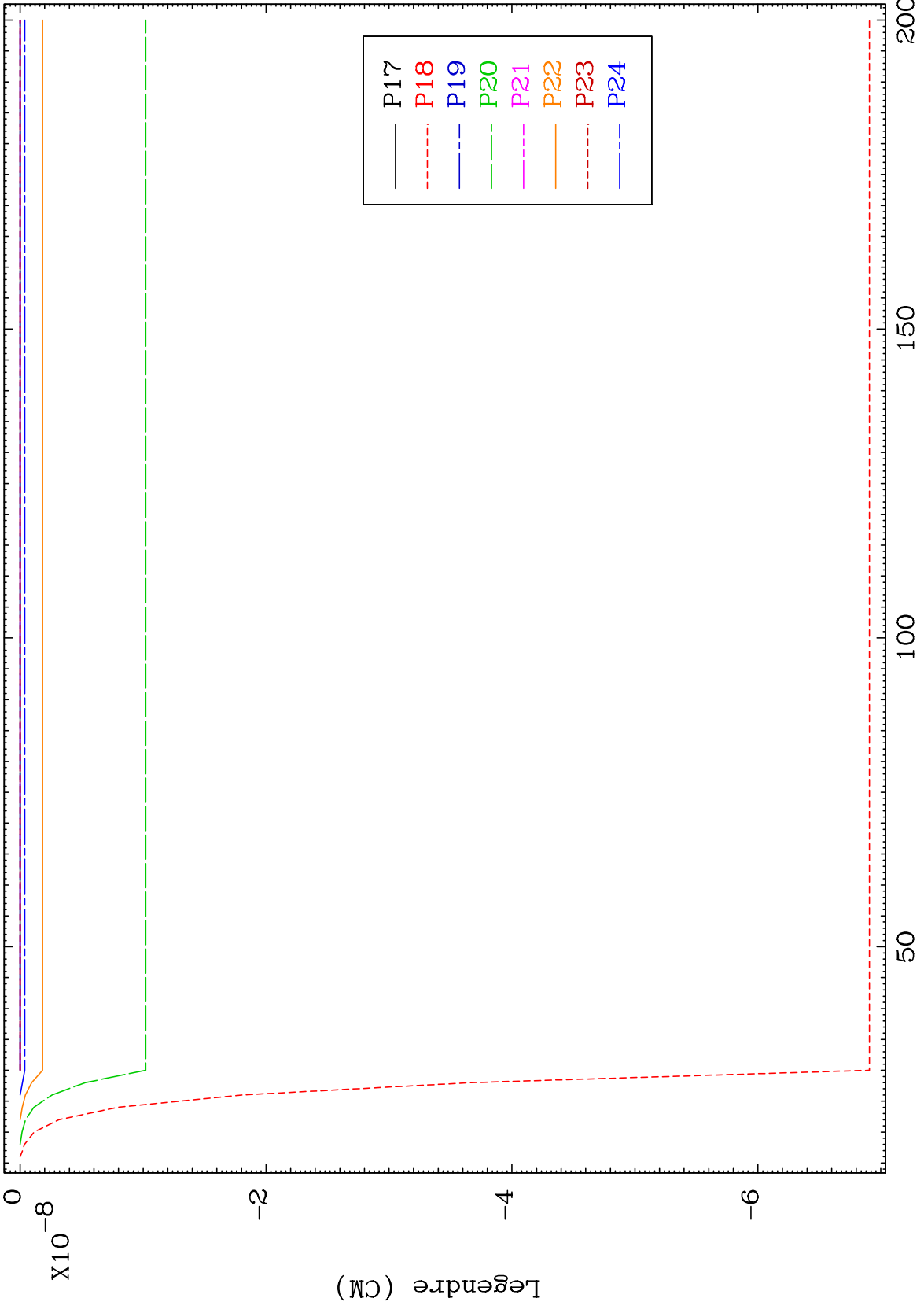


52 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 63 (n,n') Level Legendre Coefficients 14-Si-30

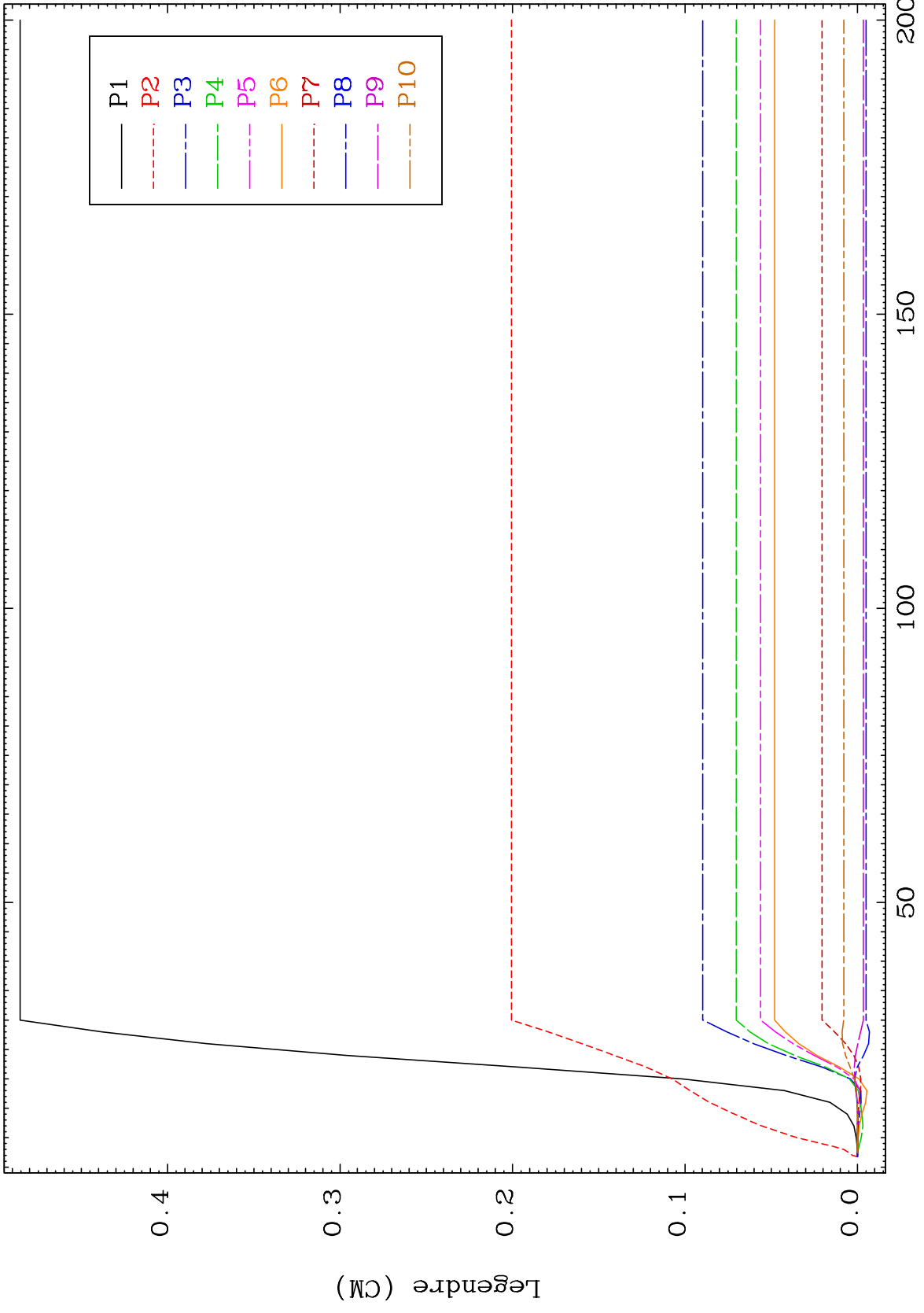


MAT 1431 MT= 63 (n,n') Level Legendre Coefficients 14-Si-30



54 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 64 (n,n') Level Legendre Coefficients 14-Si-30

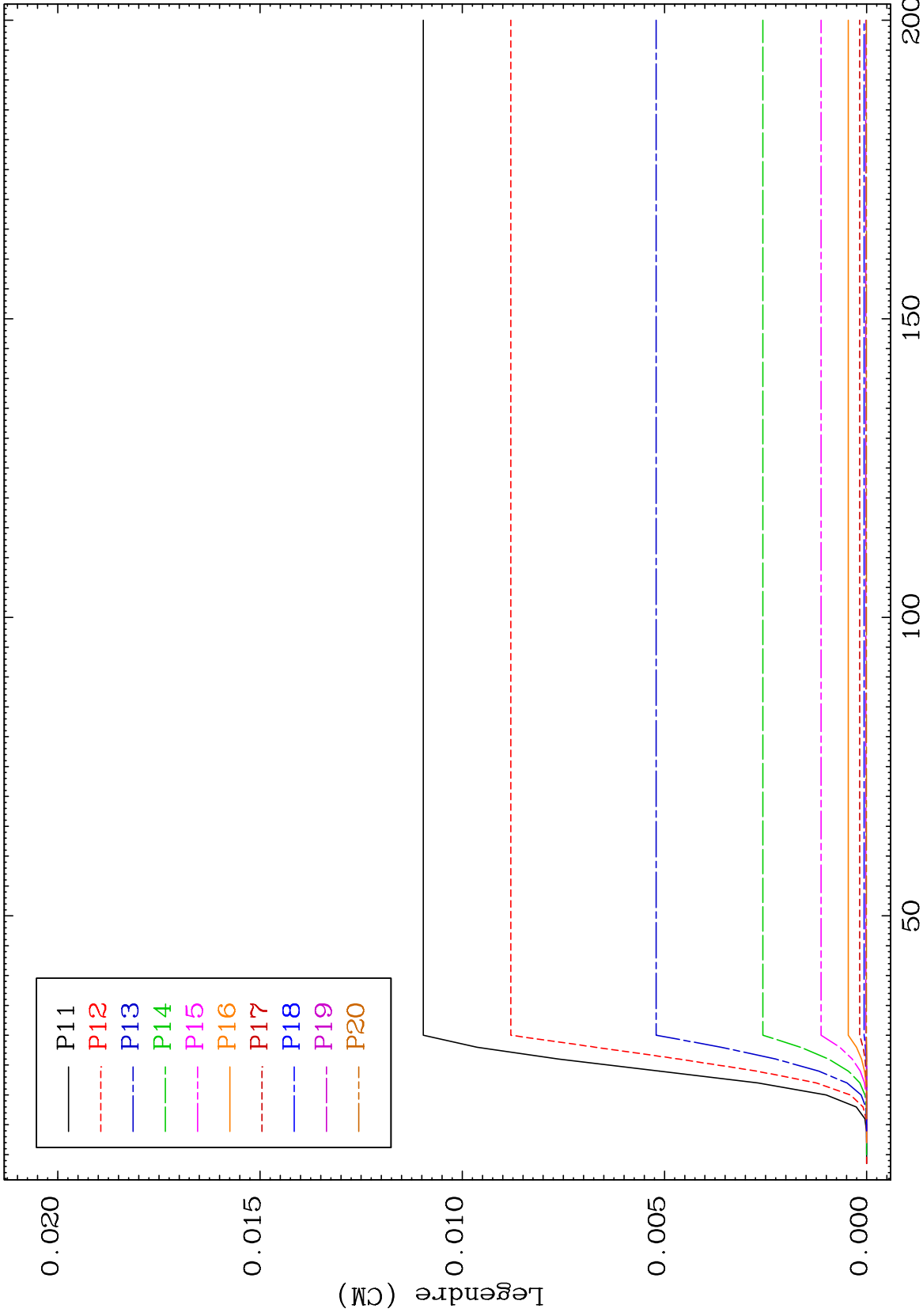


Legendre (CM) Incident Energy (MeV) 14-Si-30

MAT 1431

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

14-Si-30

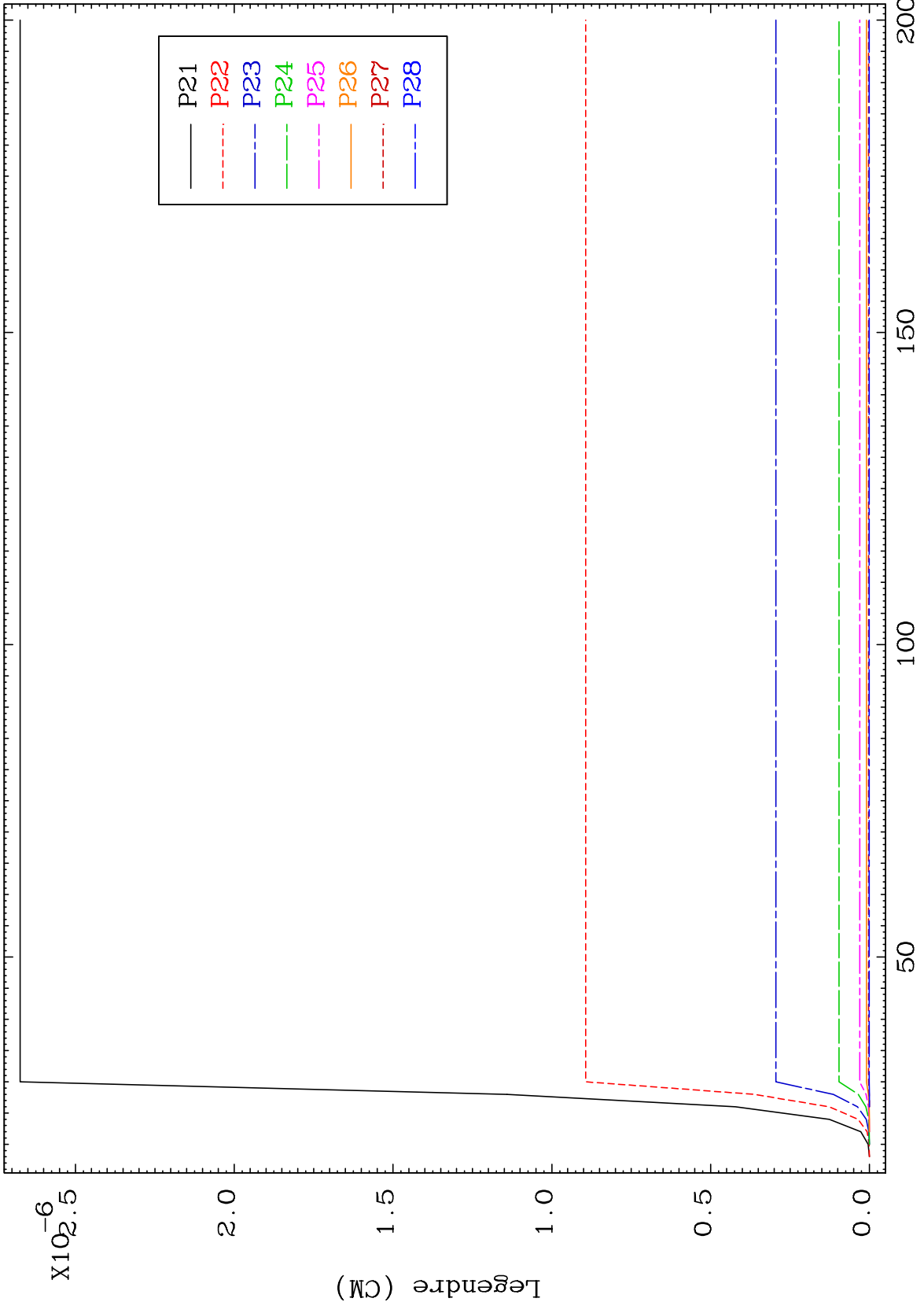


56

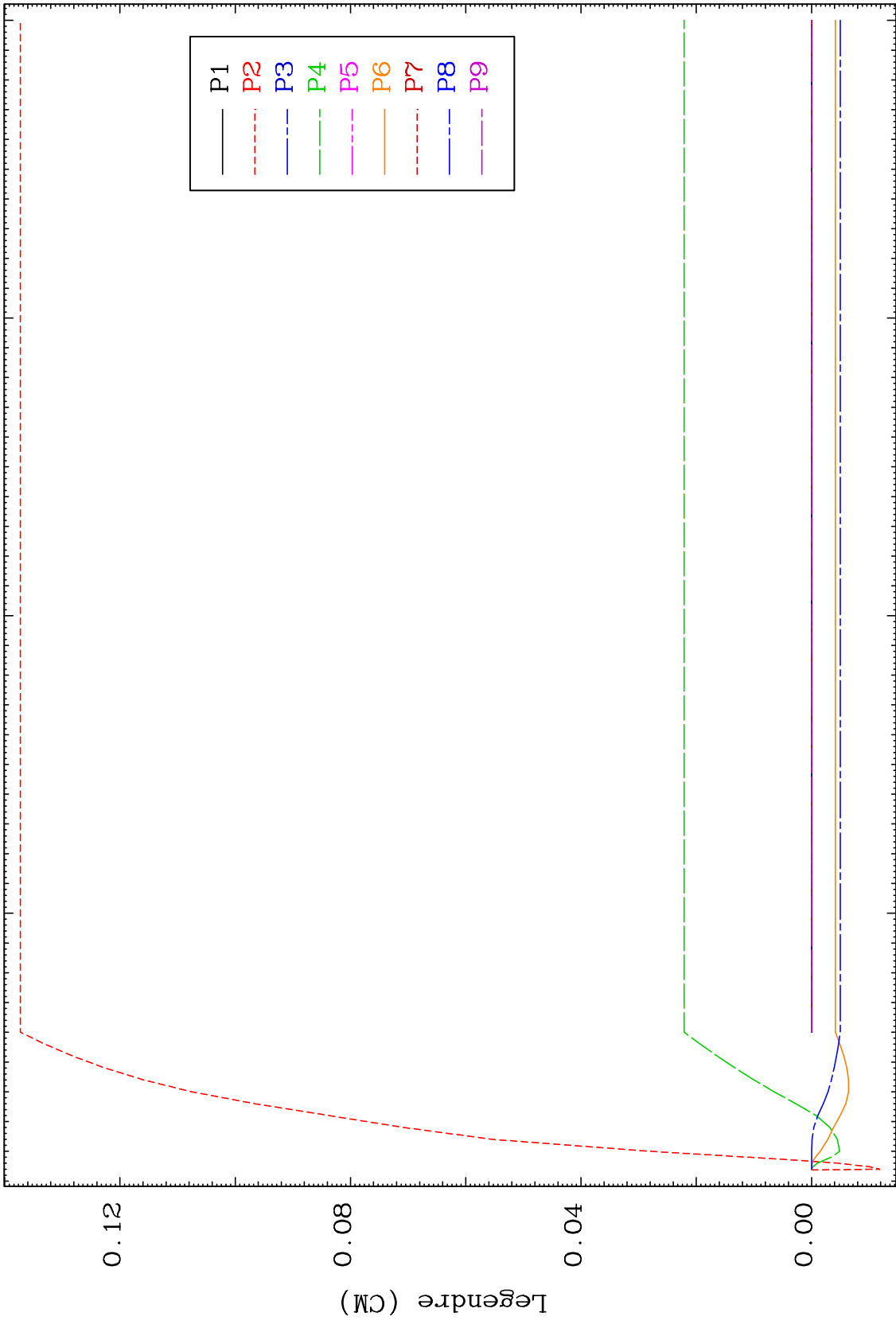
Incident Energy (MeV)

14-Si-30

MAT 1431 MT= 64 (n,n') Level Legendre Coefficients 14-Si-30

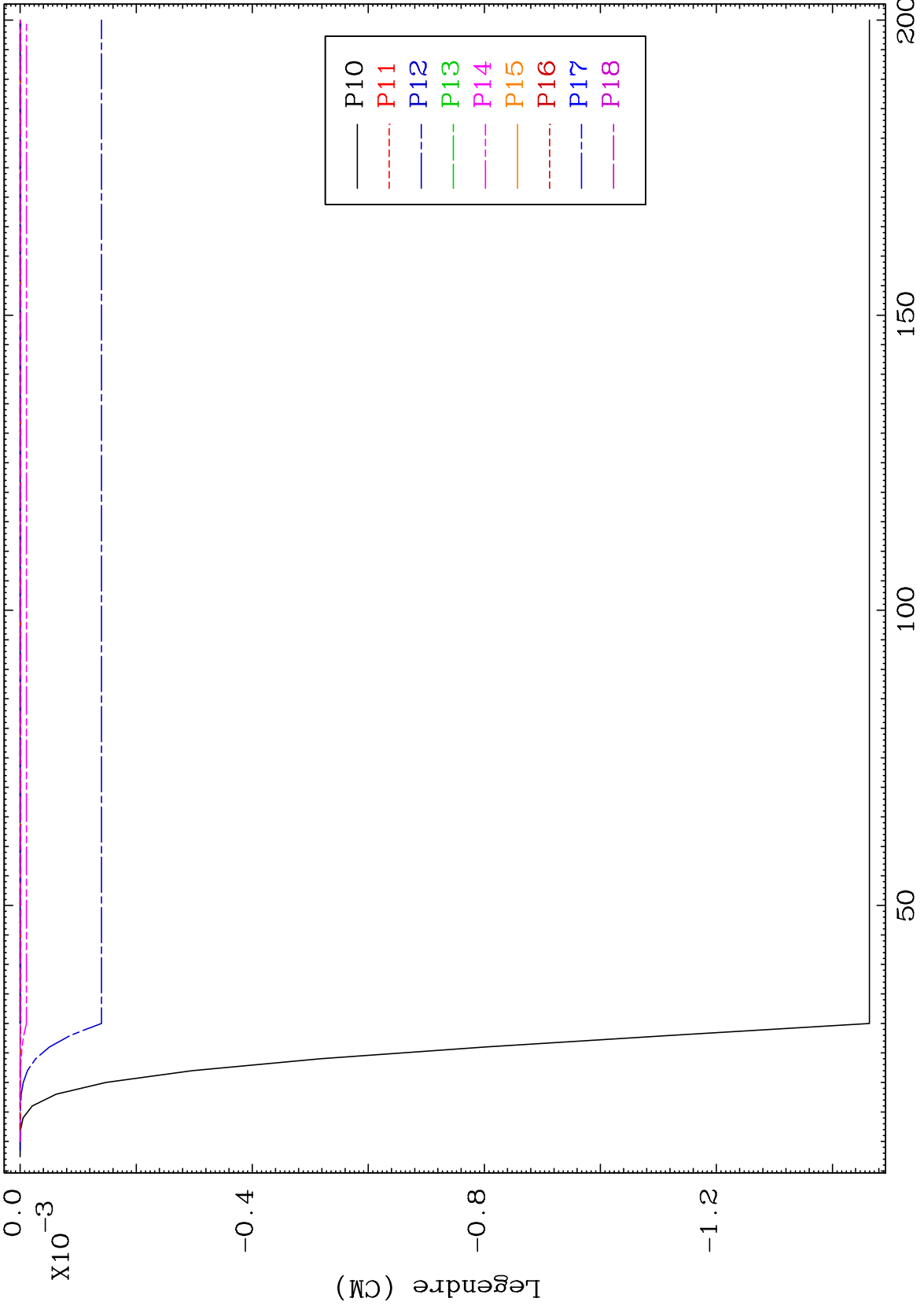


MAT 1431 MT= 65 (n,n') Level Legendre Coefficients 14-Si-30

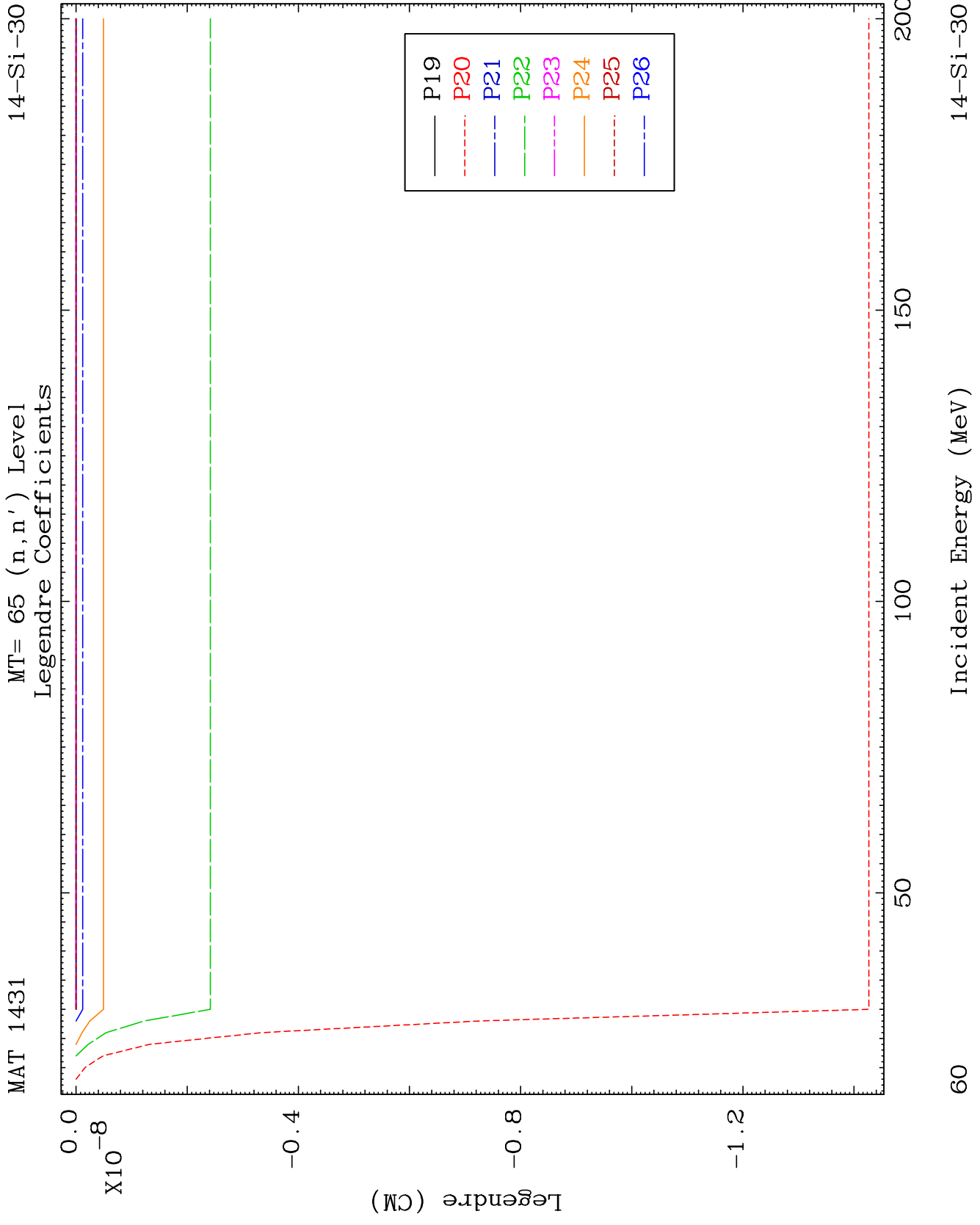


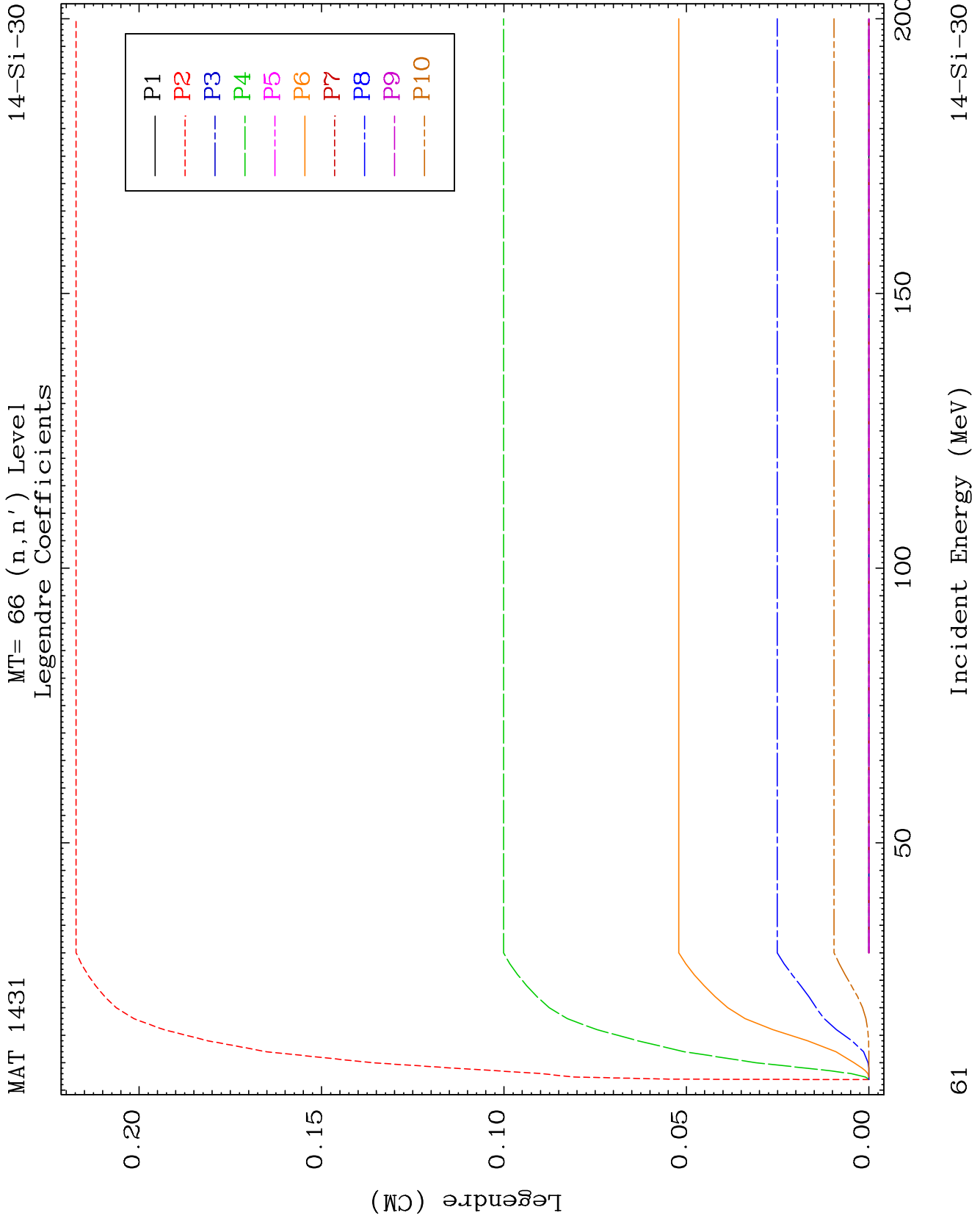
58 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 65 (n,n') Level Legendre Coefficients 14-Si-30

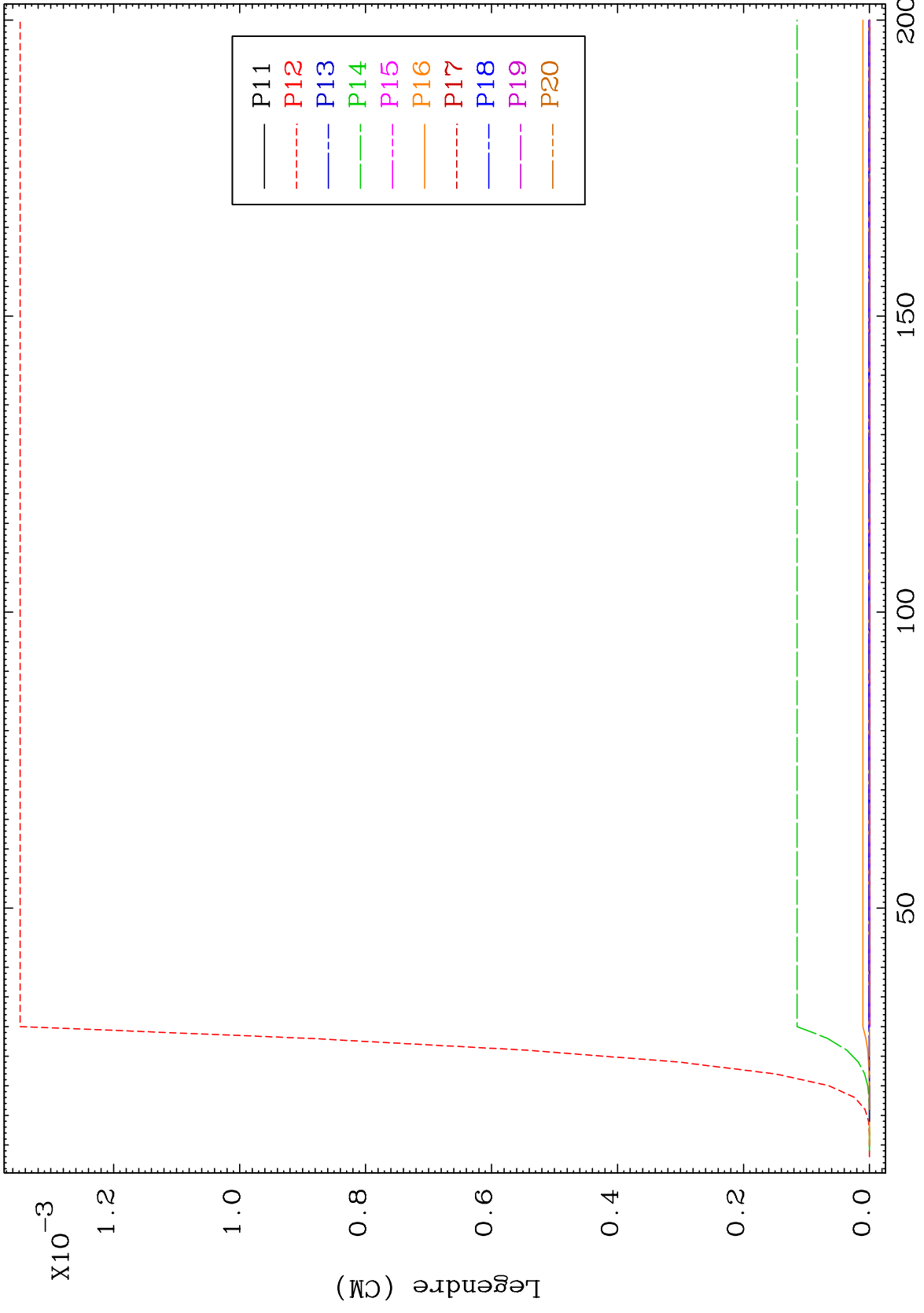


59 Incident Energy (MeV) 14-Si-30



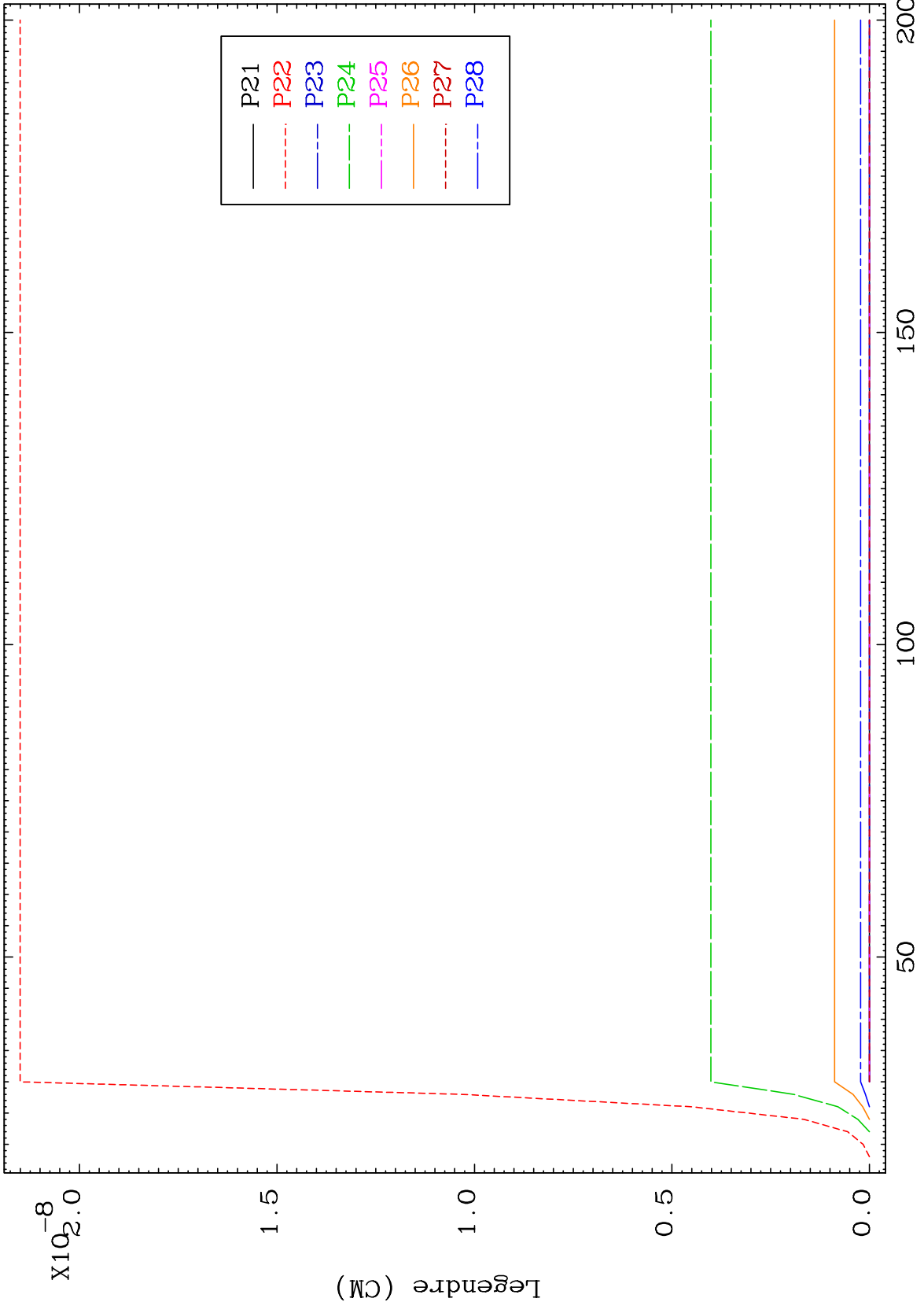


MAT 1431 MT= 66 (n,n') Level Legendre Coefficients 14-Si-30



62 Incident Energy (MeV) 14-Si-30

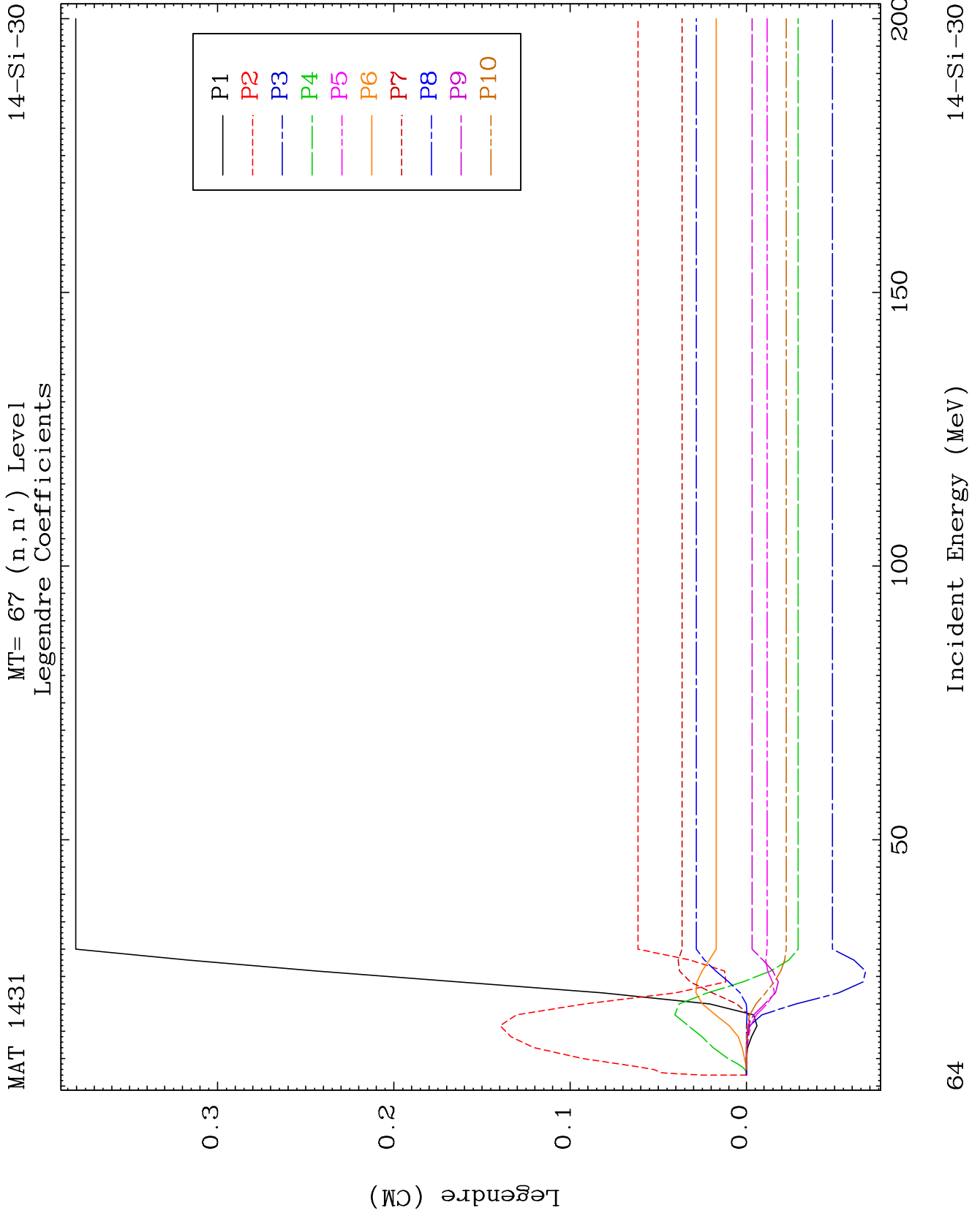
MAT 1431 MT= 66 (n,n') Level Legendre Coefficients 14-Si-30



63

Incident Energy (MeV)

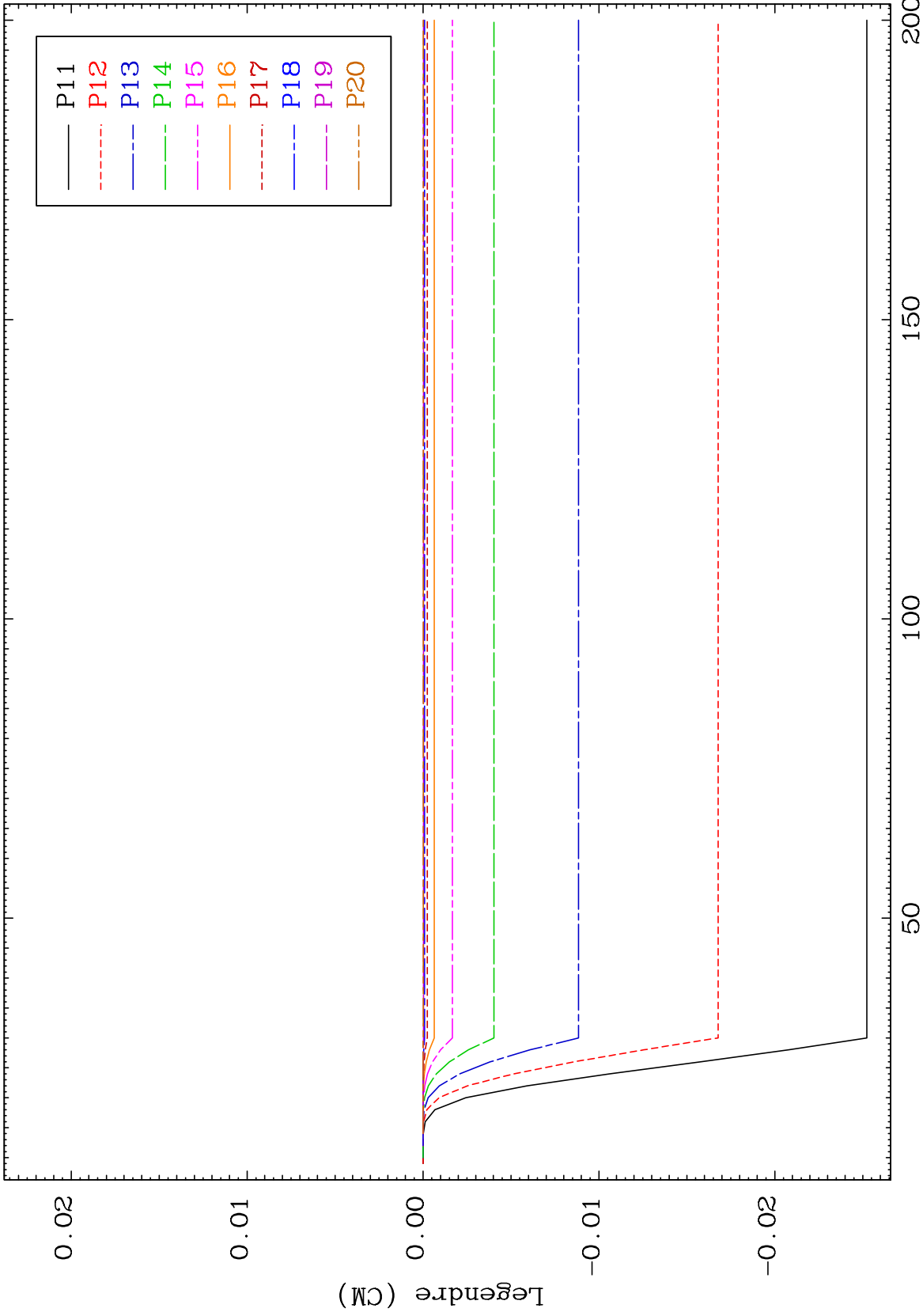
14-Si-30



MAT 1431

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

14-Si-30

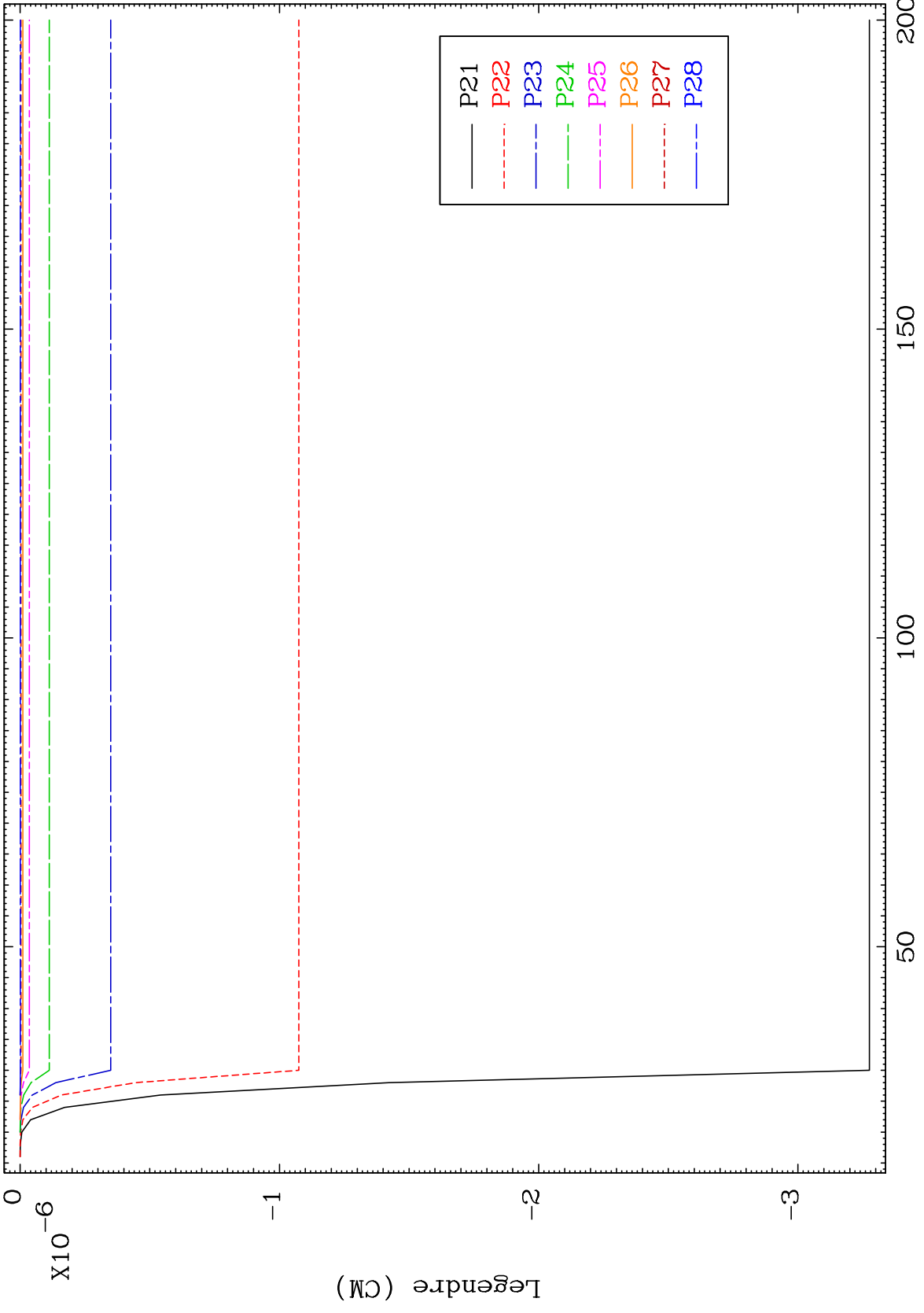


65

Incident Energy (MeV)

14-Si-30

MAT 1431 MT= 67 (n,n') Level Legendre Coefficients 14-Si-30



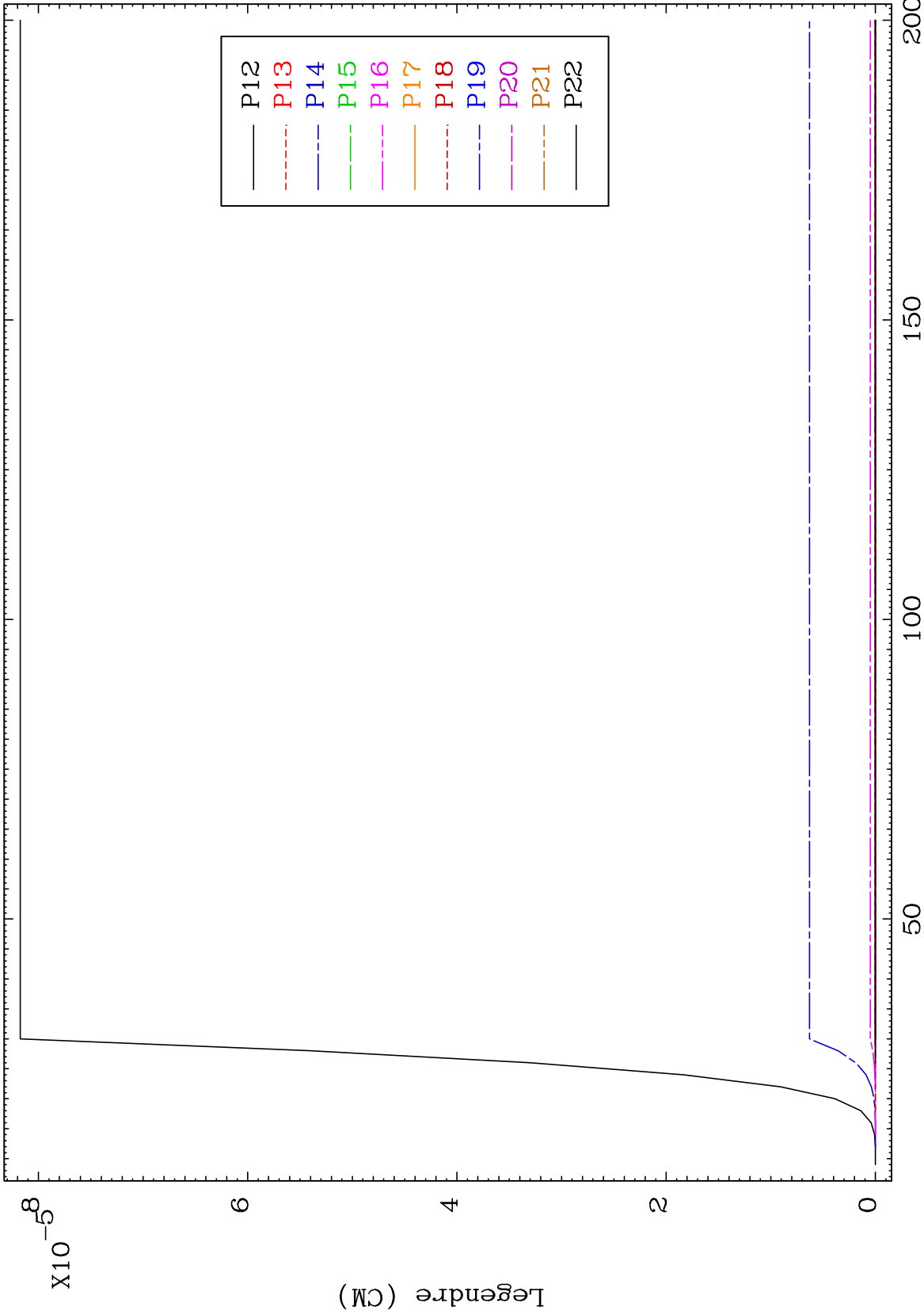
66 14-Si-30



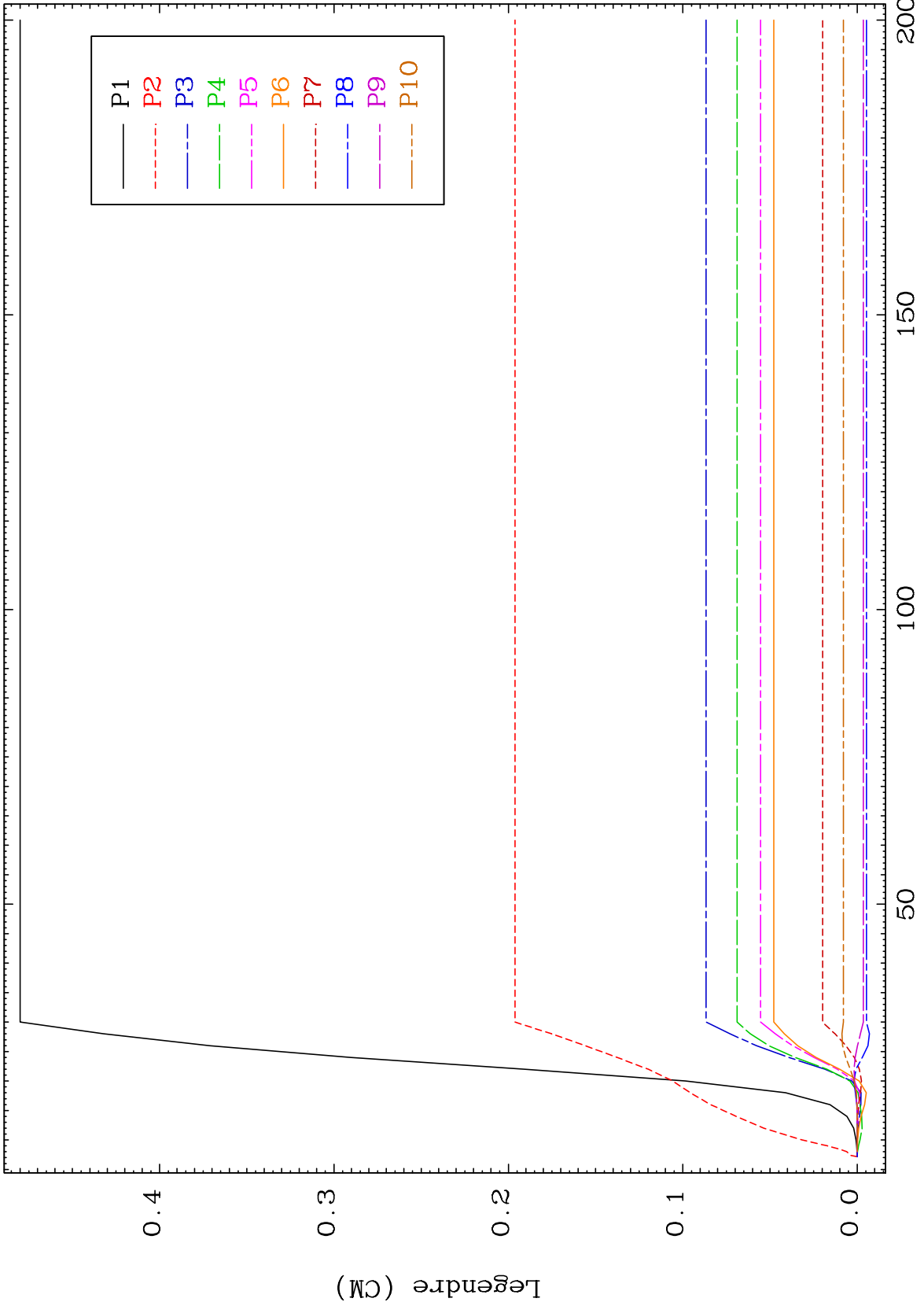
MAT 1431

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

14-Si-30



MAT 1431 MT= 69 (n,n') Level Legendre Coefficients 14-Si-30

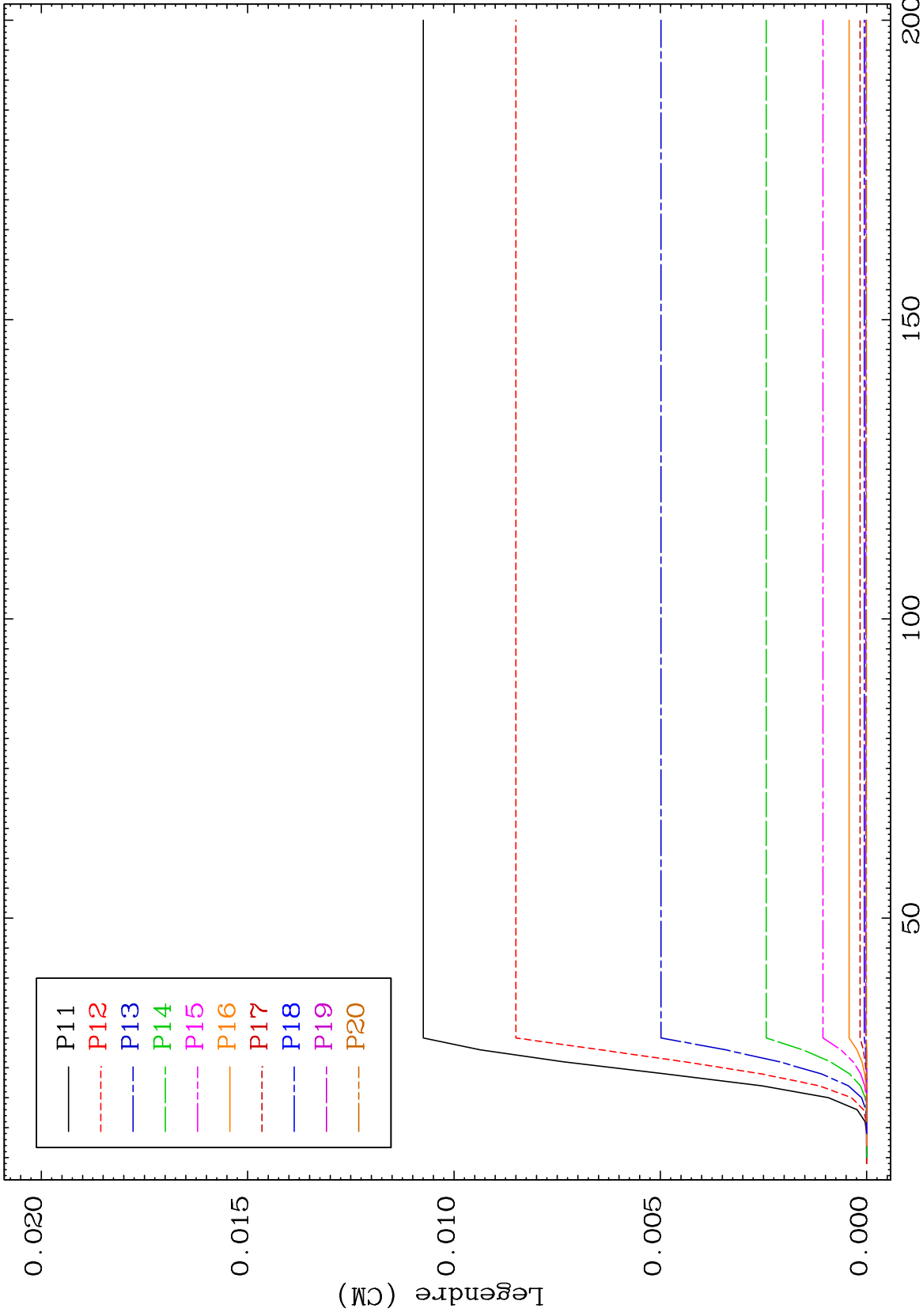


69 Incident Energy (MeV) 14-Si-30

MAT 1431

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

14-Si-30

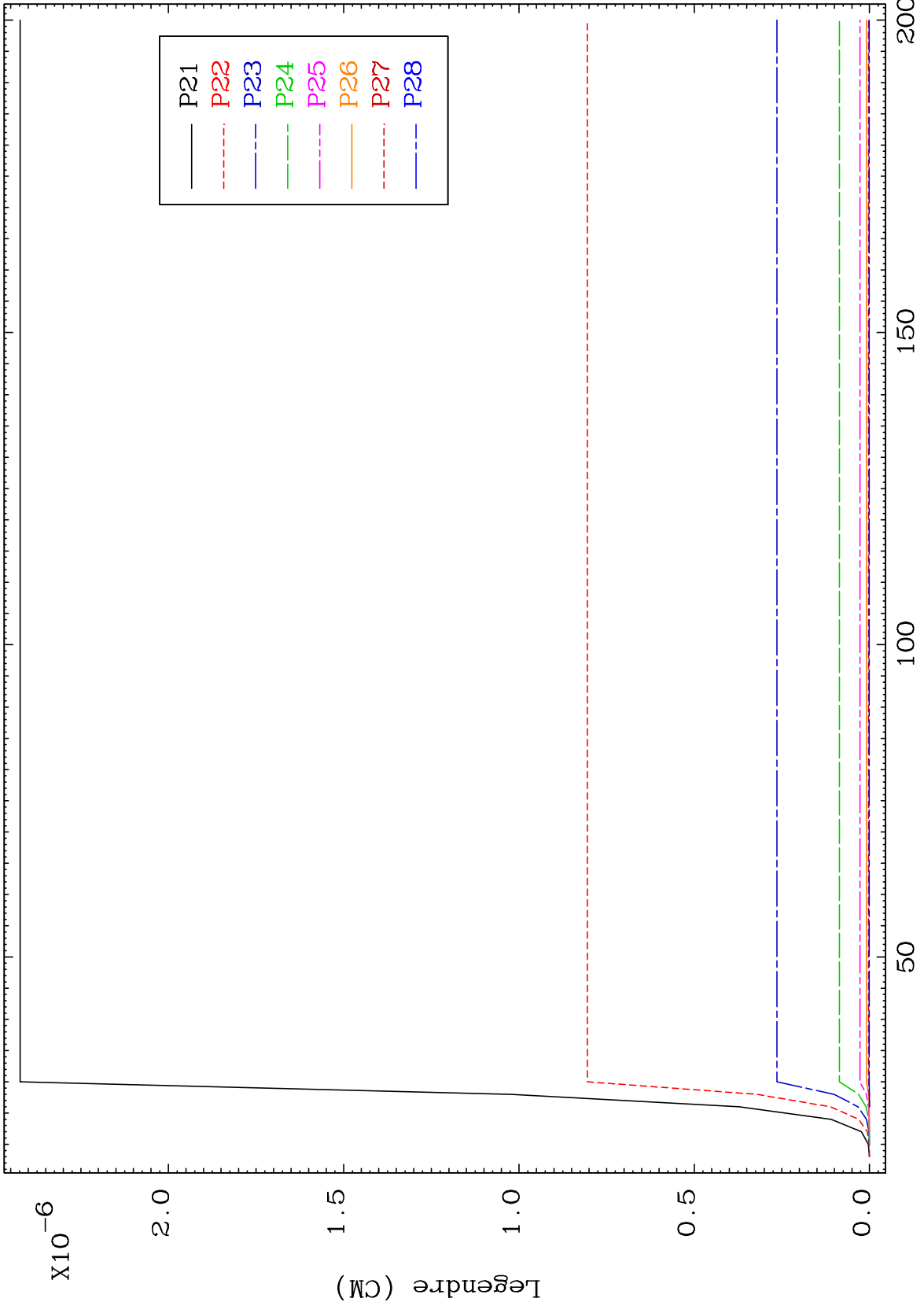


70

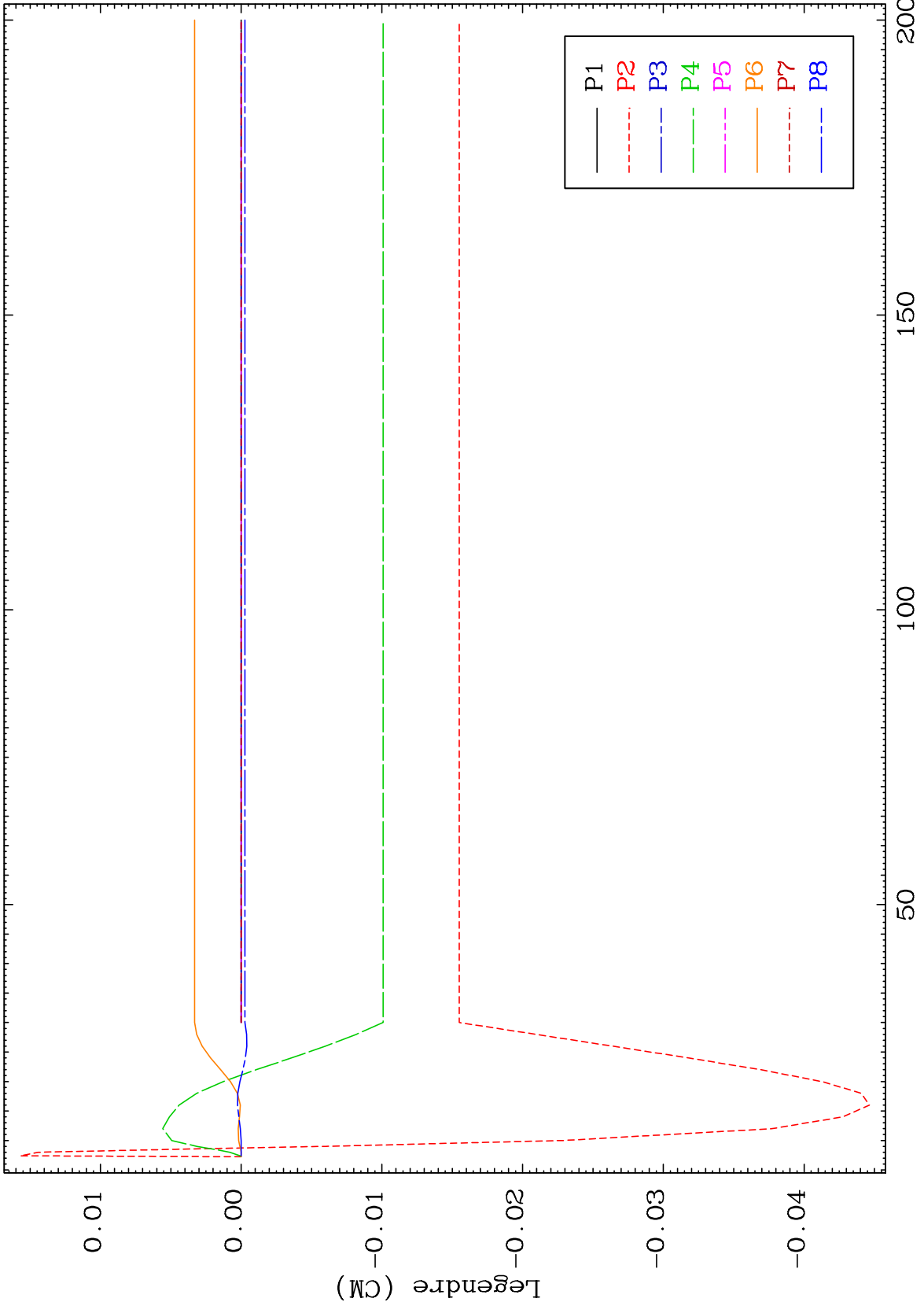
Incident Energy (MeV)

14-Si-30

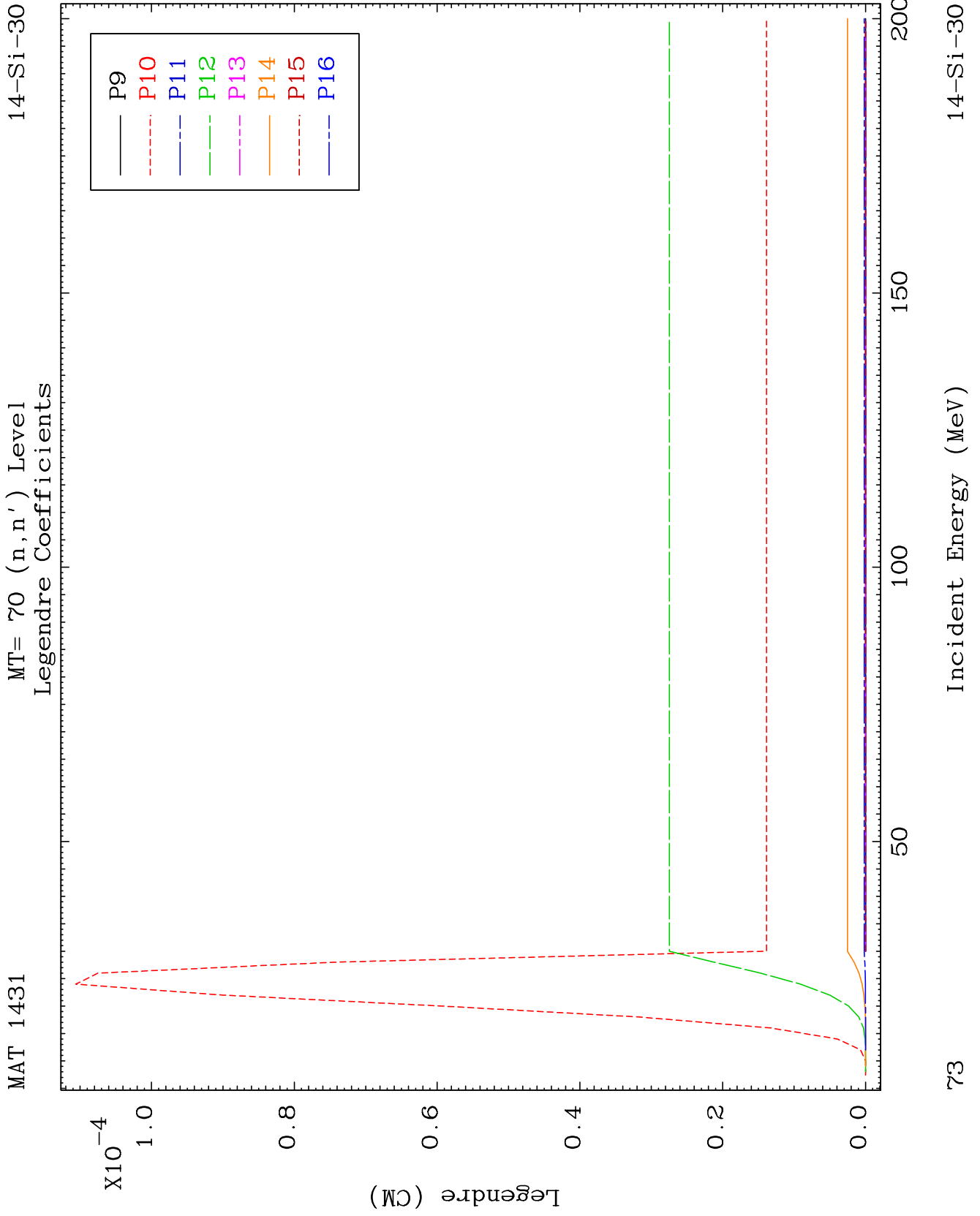
MAT 1431 MT= 69 (n,n') Level Legendre Coefficients 14-Si-30



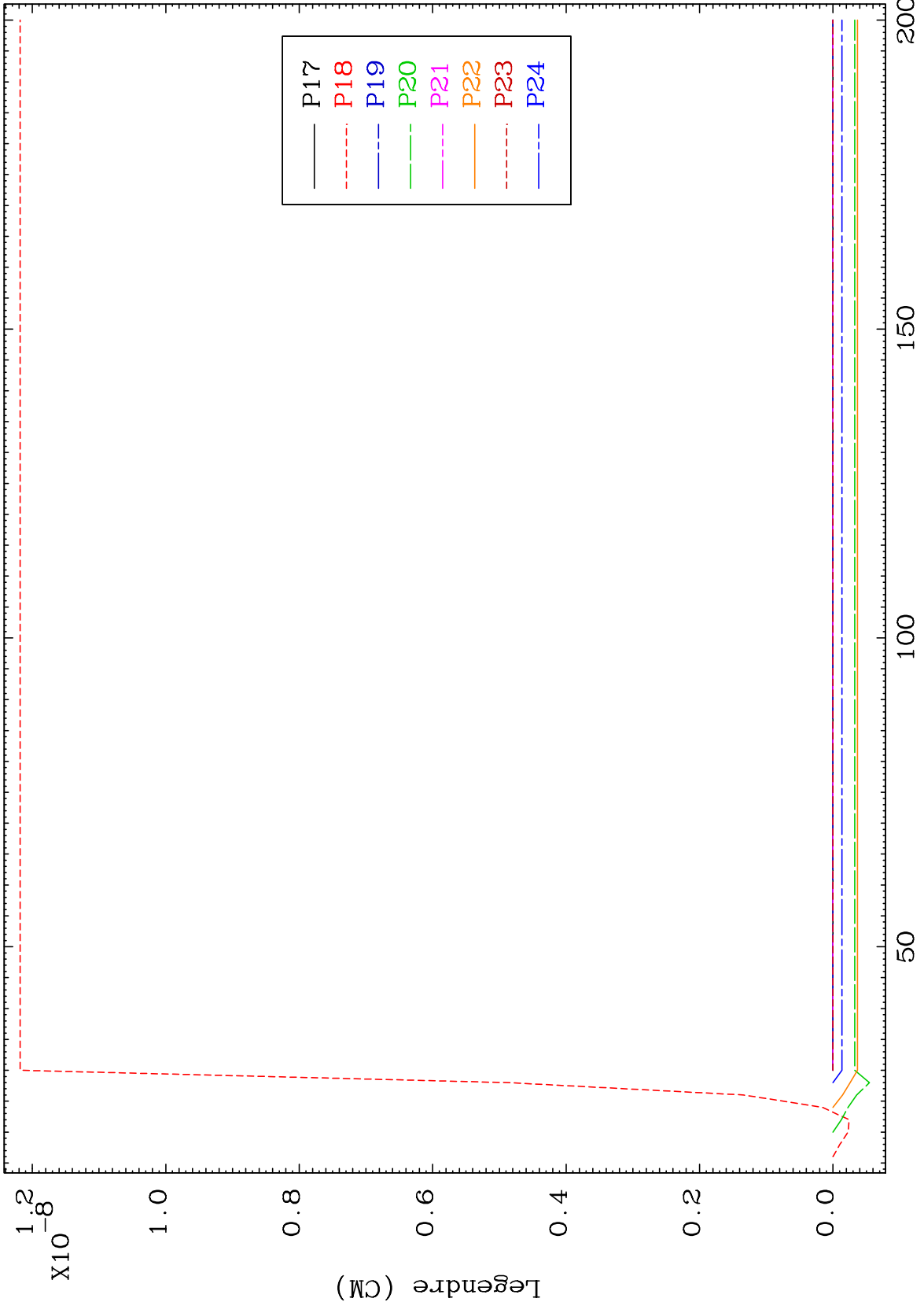
MAT 1431 MT= 70 (n,n') Level Legendre Coefficients 14-Si-30



72 14-Si-30



MAT 1431 MT= 70 (n,n') Level Legendre Coefficients 14-Si-30

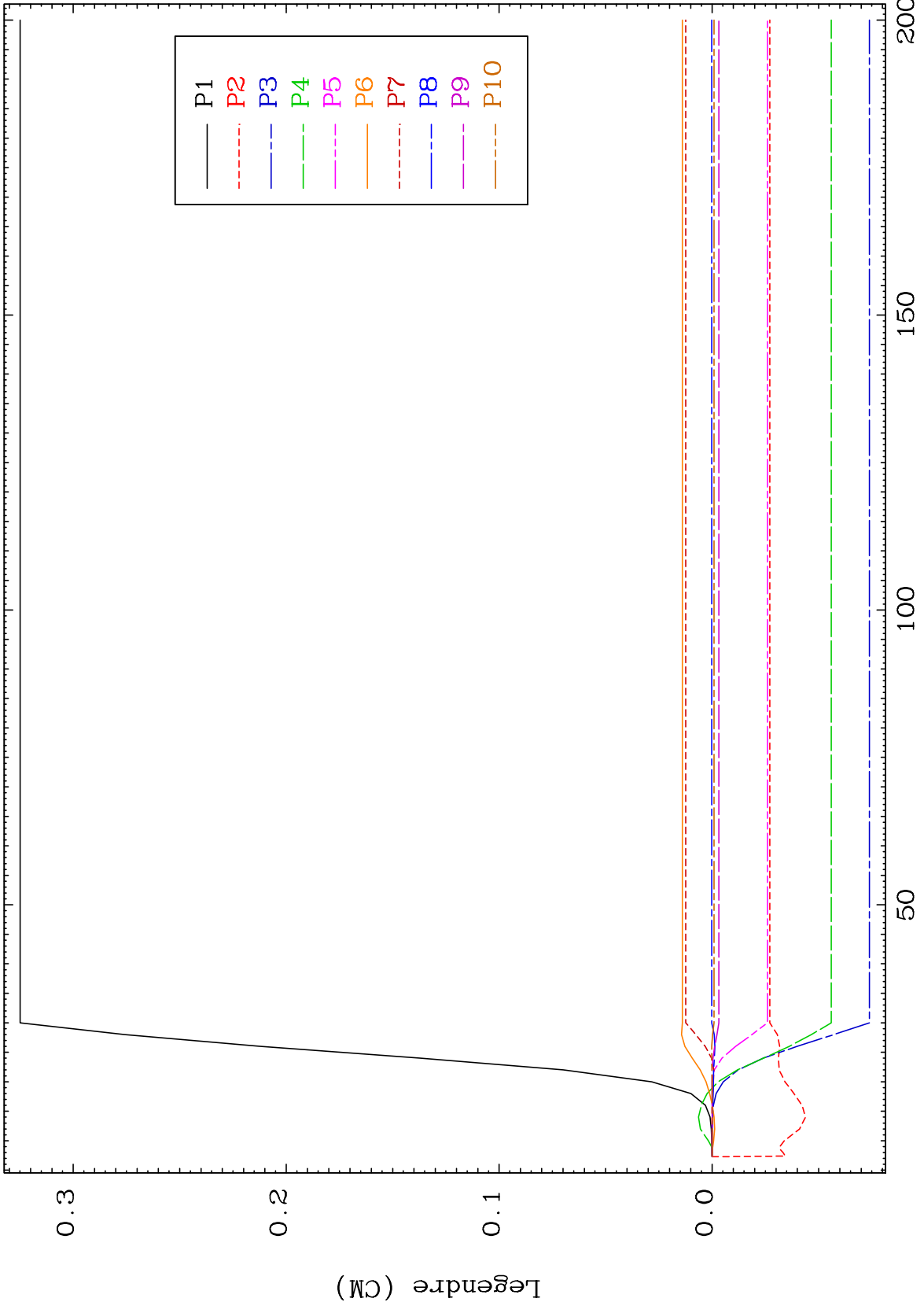


14-Si-30

Incident Energy (MeV)

74

MAT 1431 MT= 71 (n,n') Level Legendre Coefficients 14-Si-30

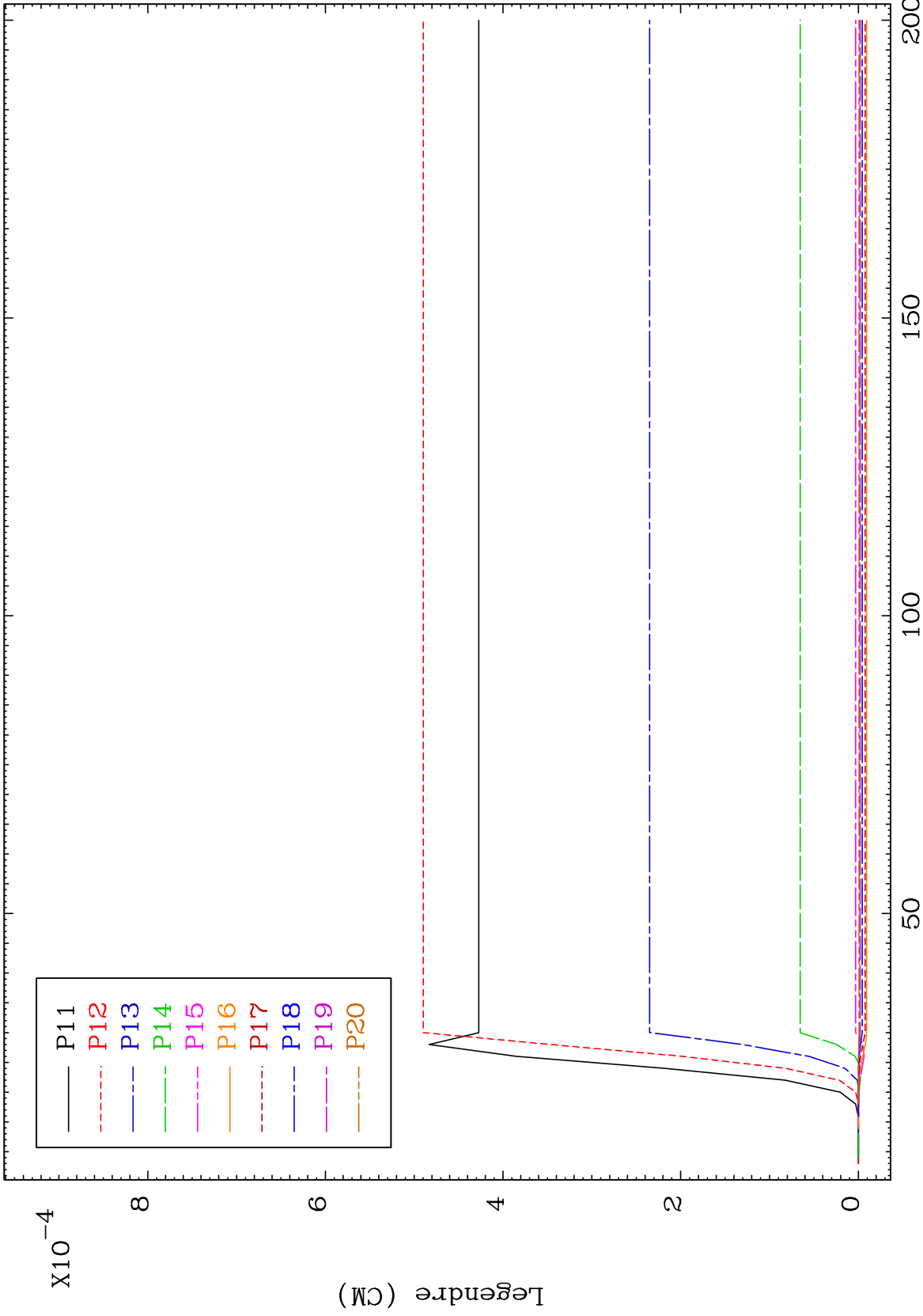


75 Incident Energy (MeV) 14-Si-30

MAT 1431

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

14-Si-30

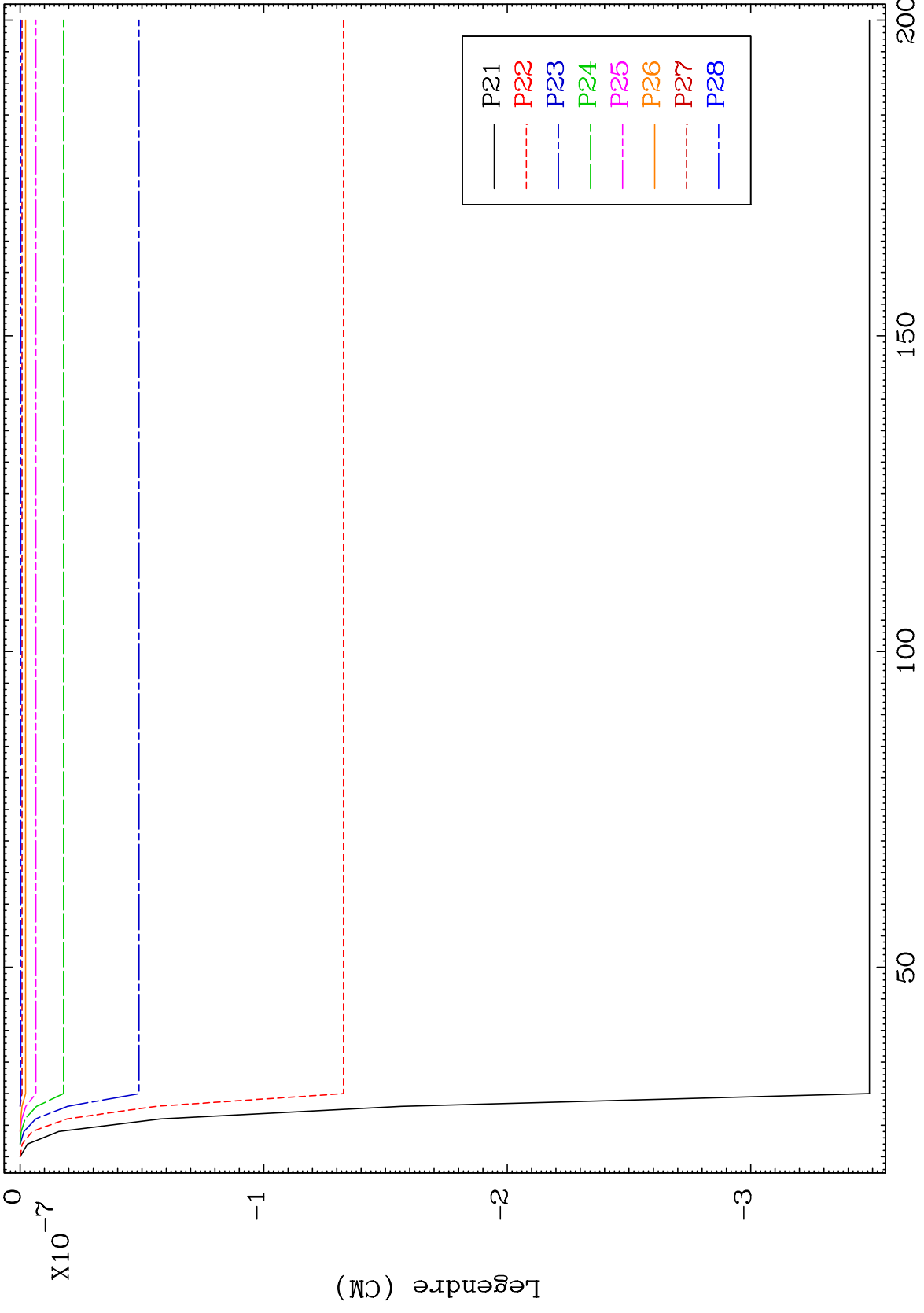


76

14-Si-30

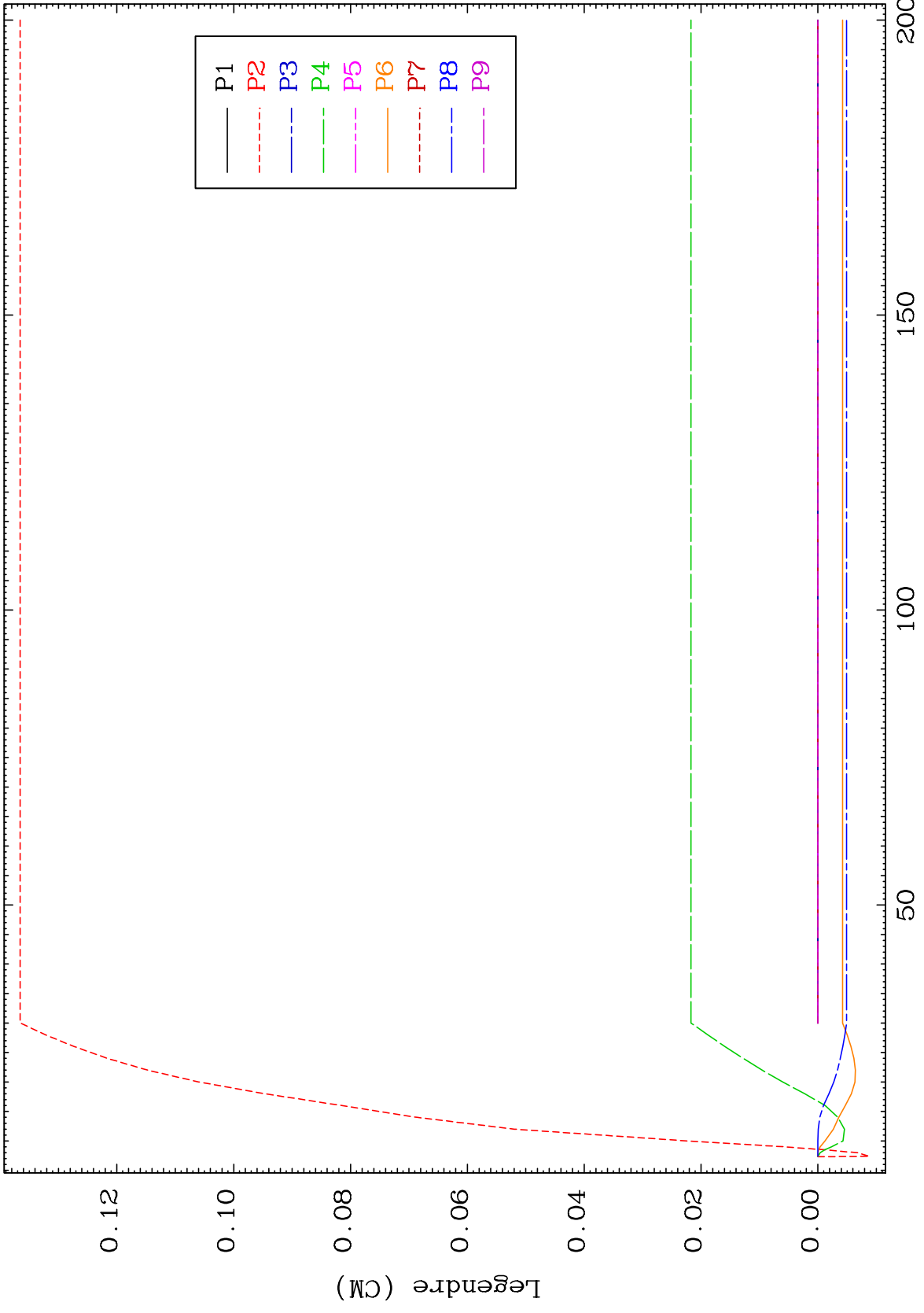
200

MAT 1431 MT= 71 (n,n') Level Legendre Coefficients 14-Si-30



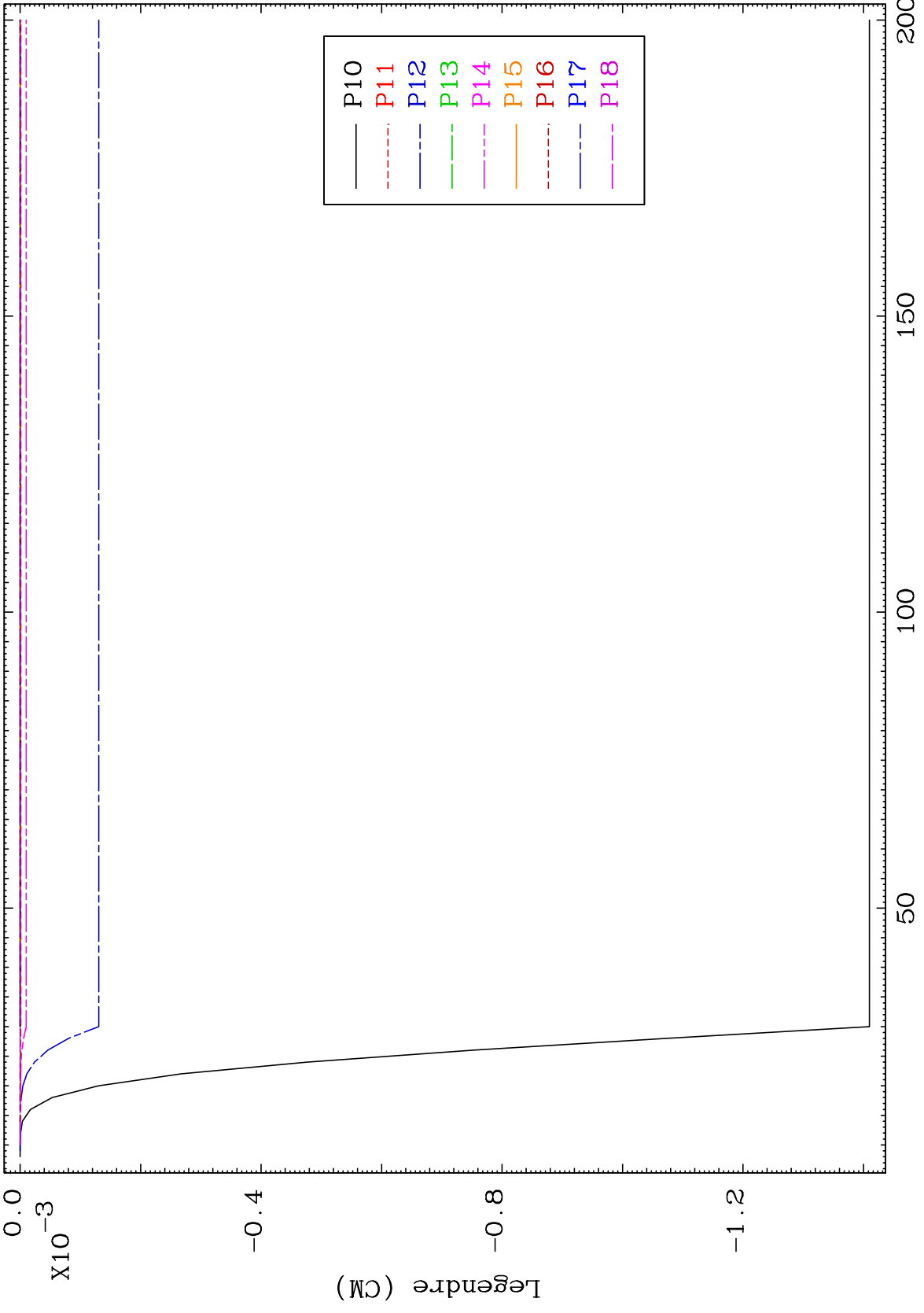
77 14-Si-30

MAT 1431 MT= 72 (n,n') Level Legendre Coefficients 14-Si-30

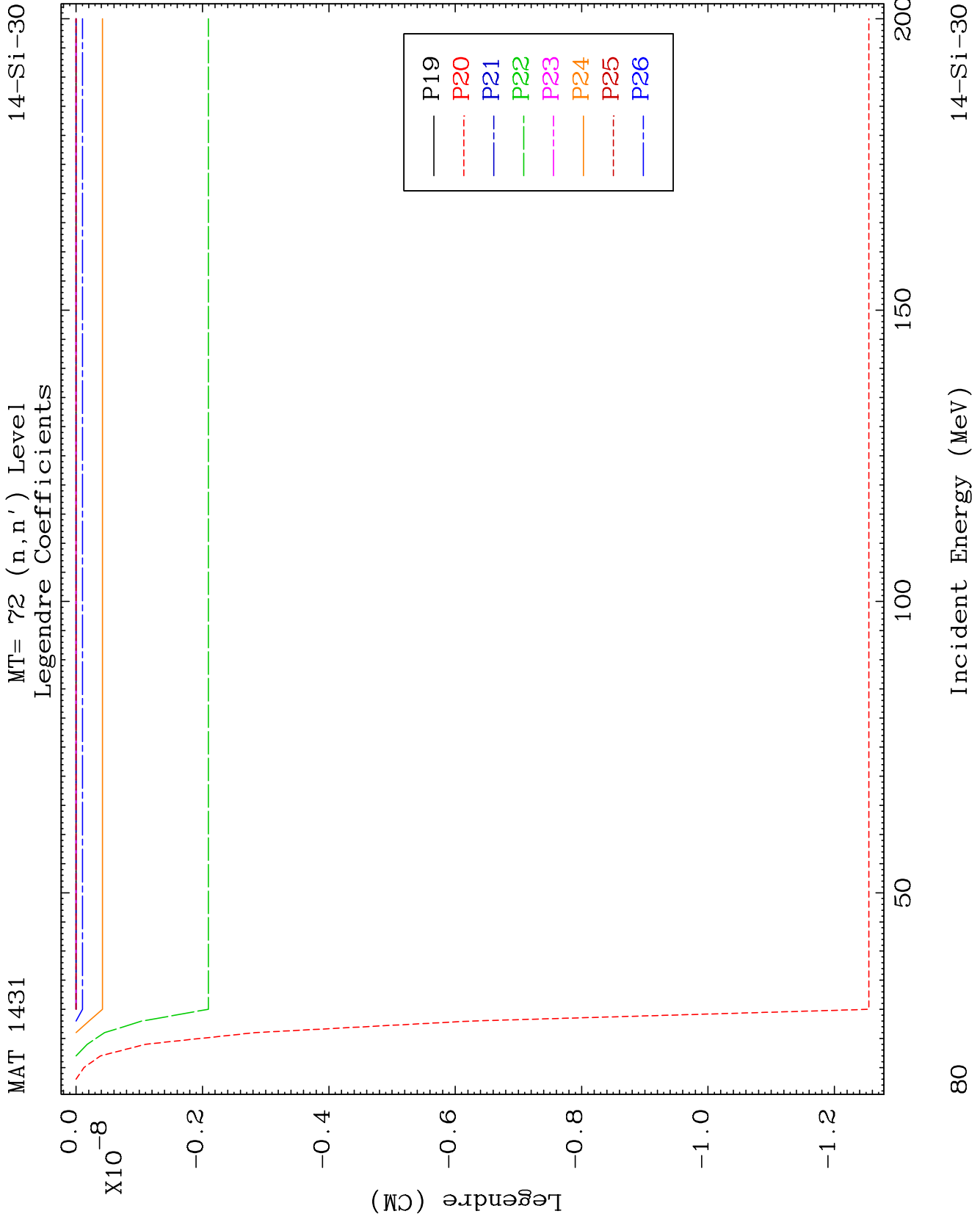


78 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 72 (n,n') Level Legendre Coefficients 14-Si-30

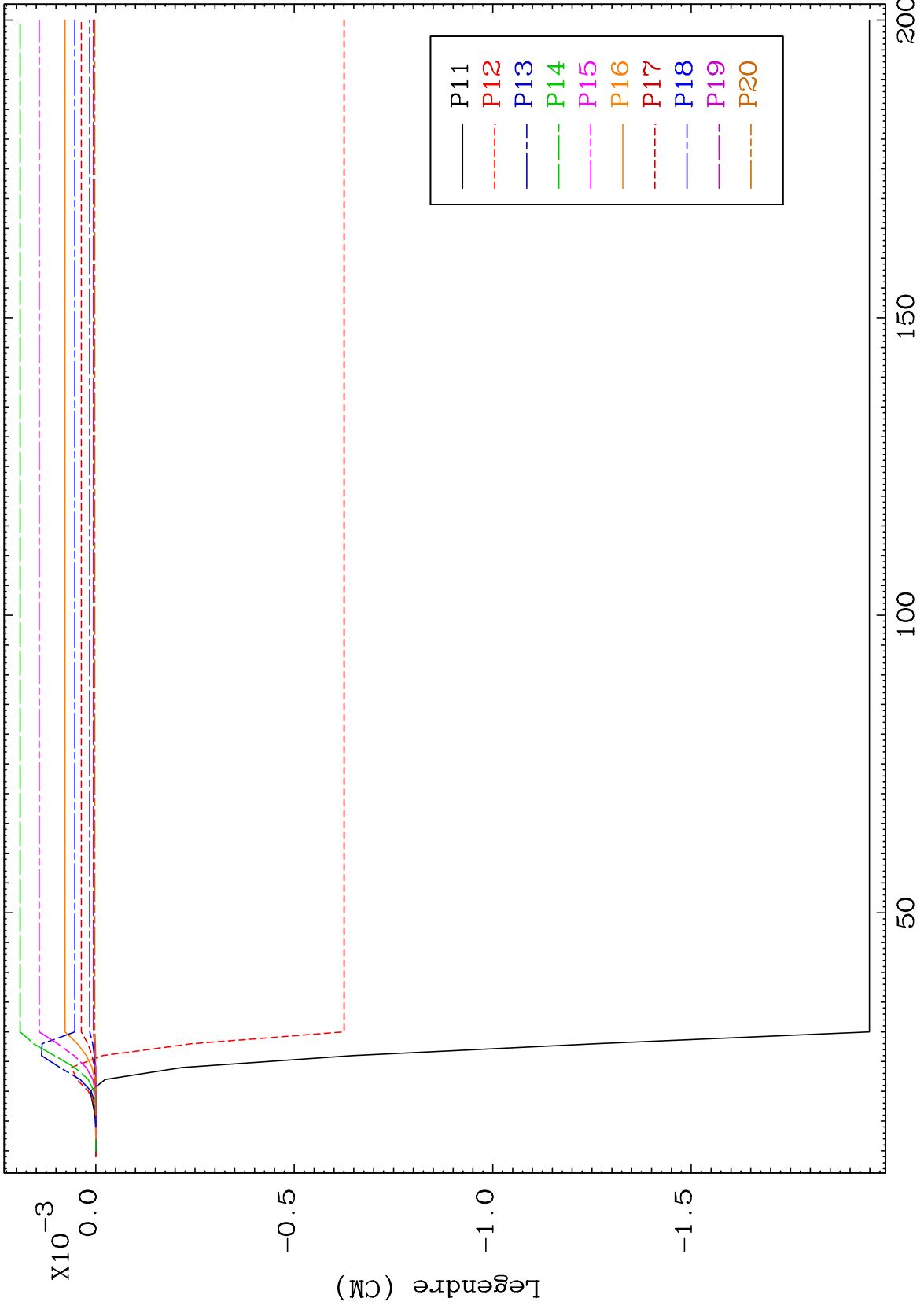


79 14-Si-30

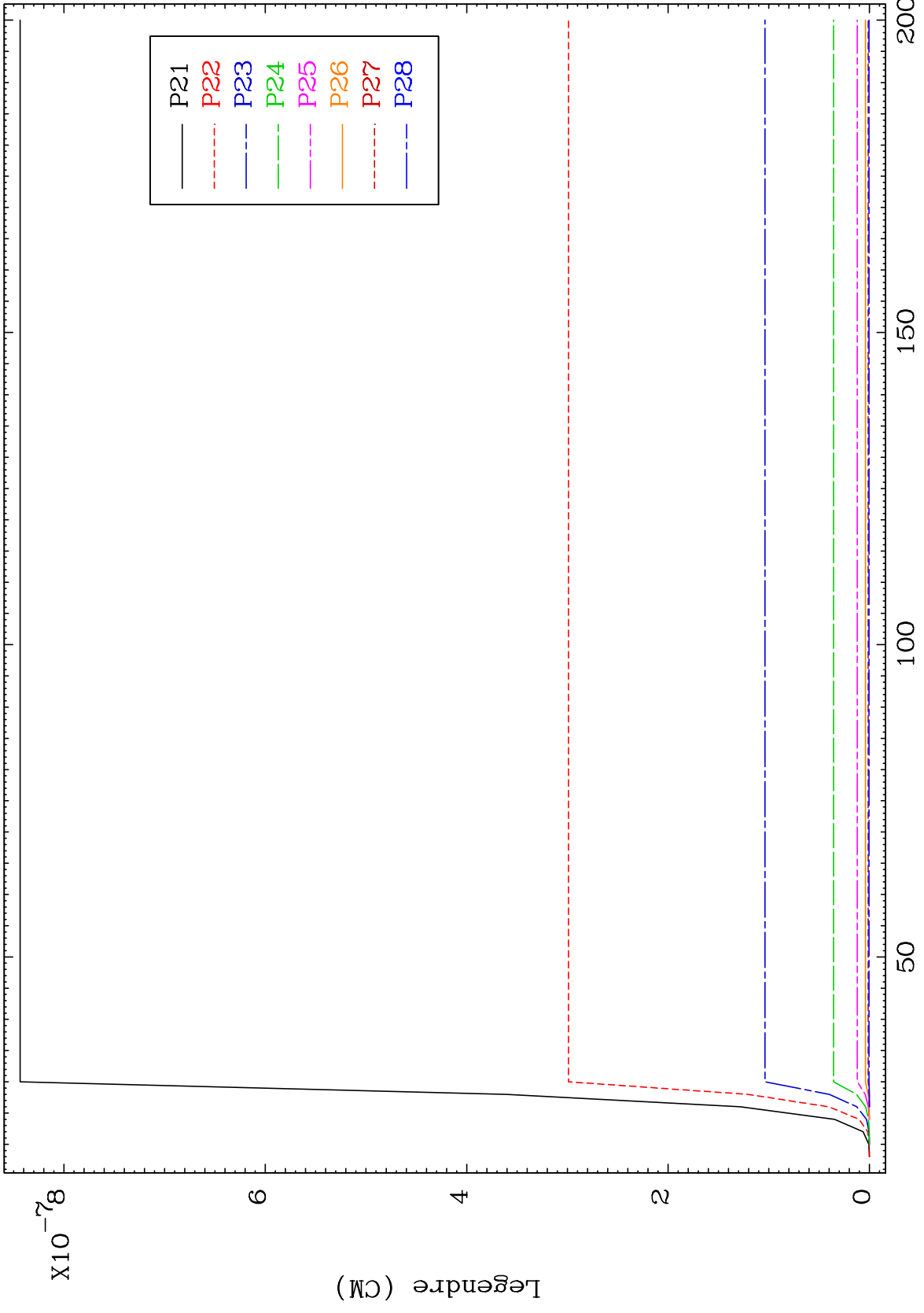




MAT 1431 MT= 73 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431 MT= 73 (n,n') Level Legendre Coefficients 14-Si-30

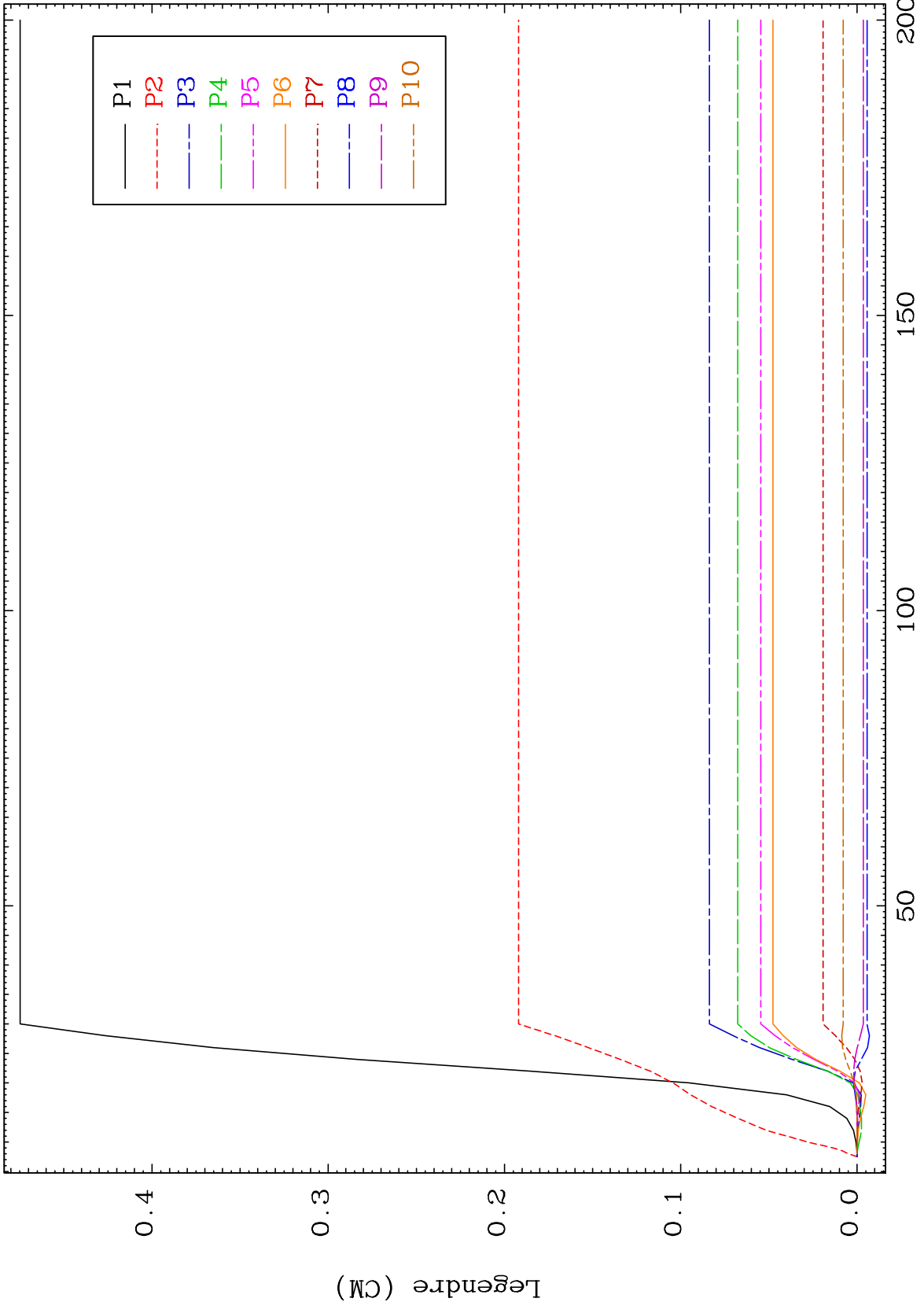


83

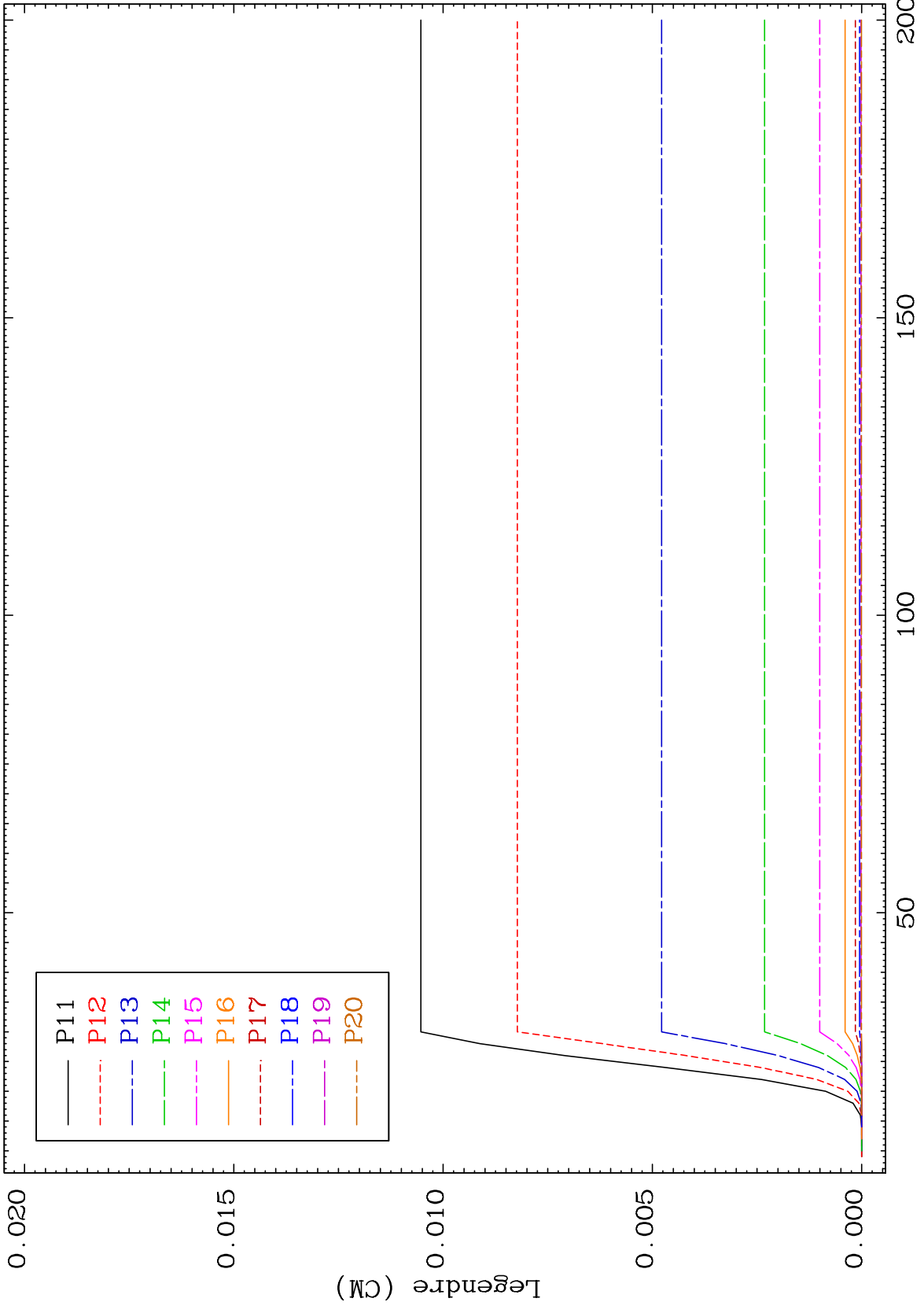
Incident Energy (MeV)

14-Si-30

MAT 1431 MT= 74 (n,n') Level Legendre Coefficients 14-Si-30



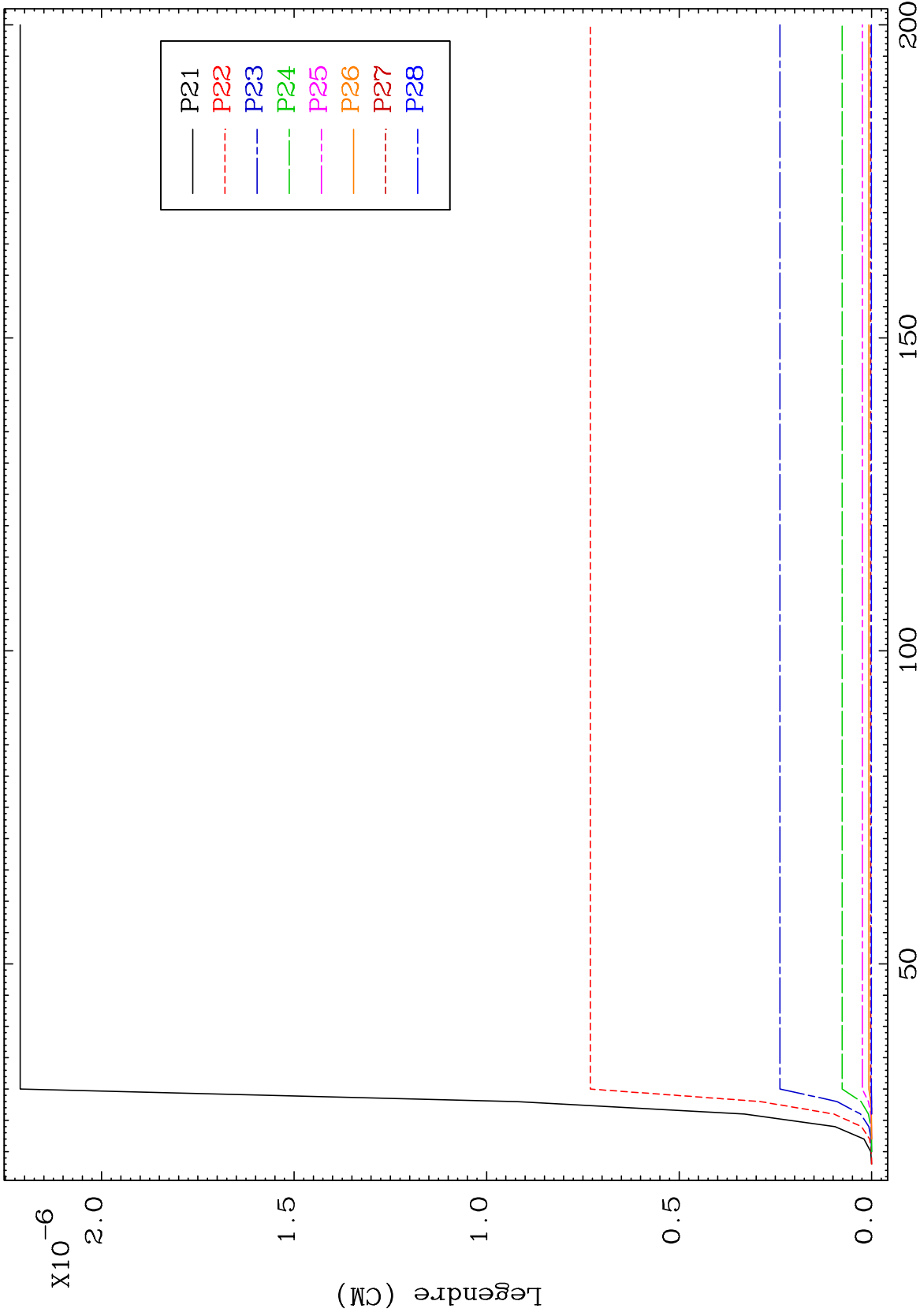
MAT 1431 MT= 74 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431

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

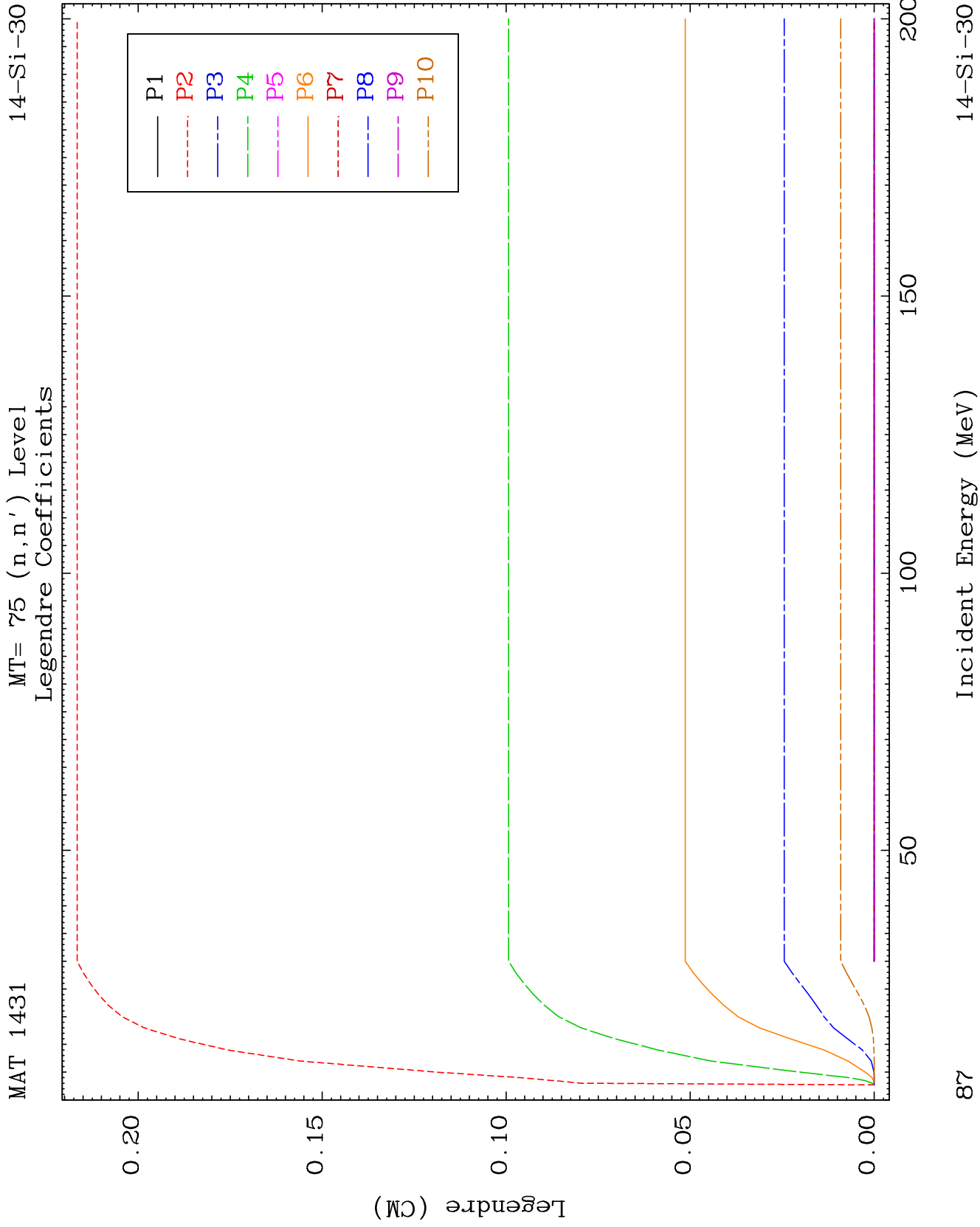
14-Si-30



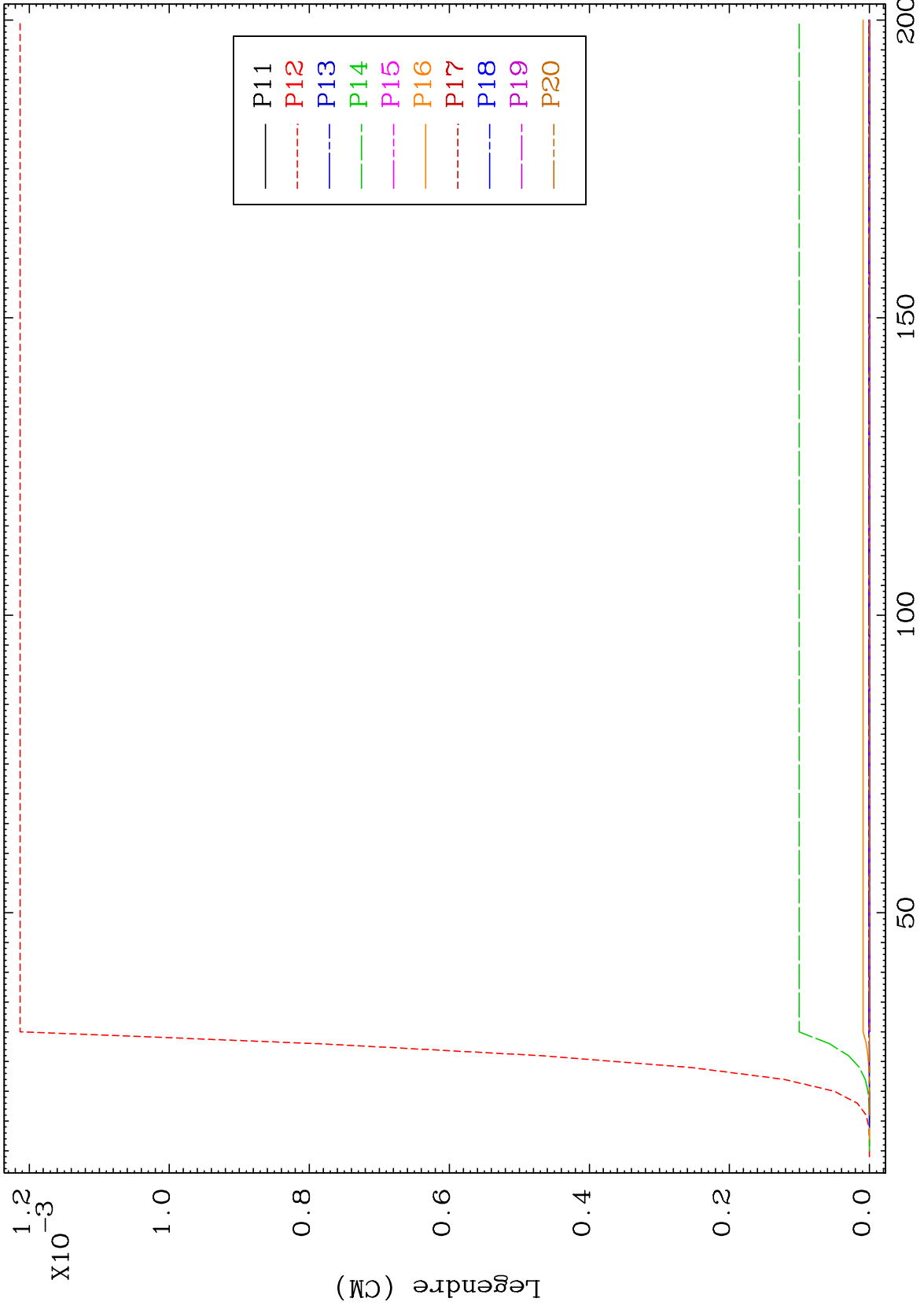
86

Incident Energy (MeV)

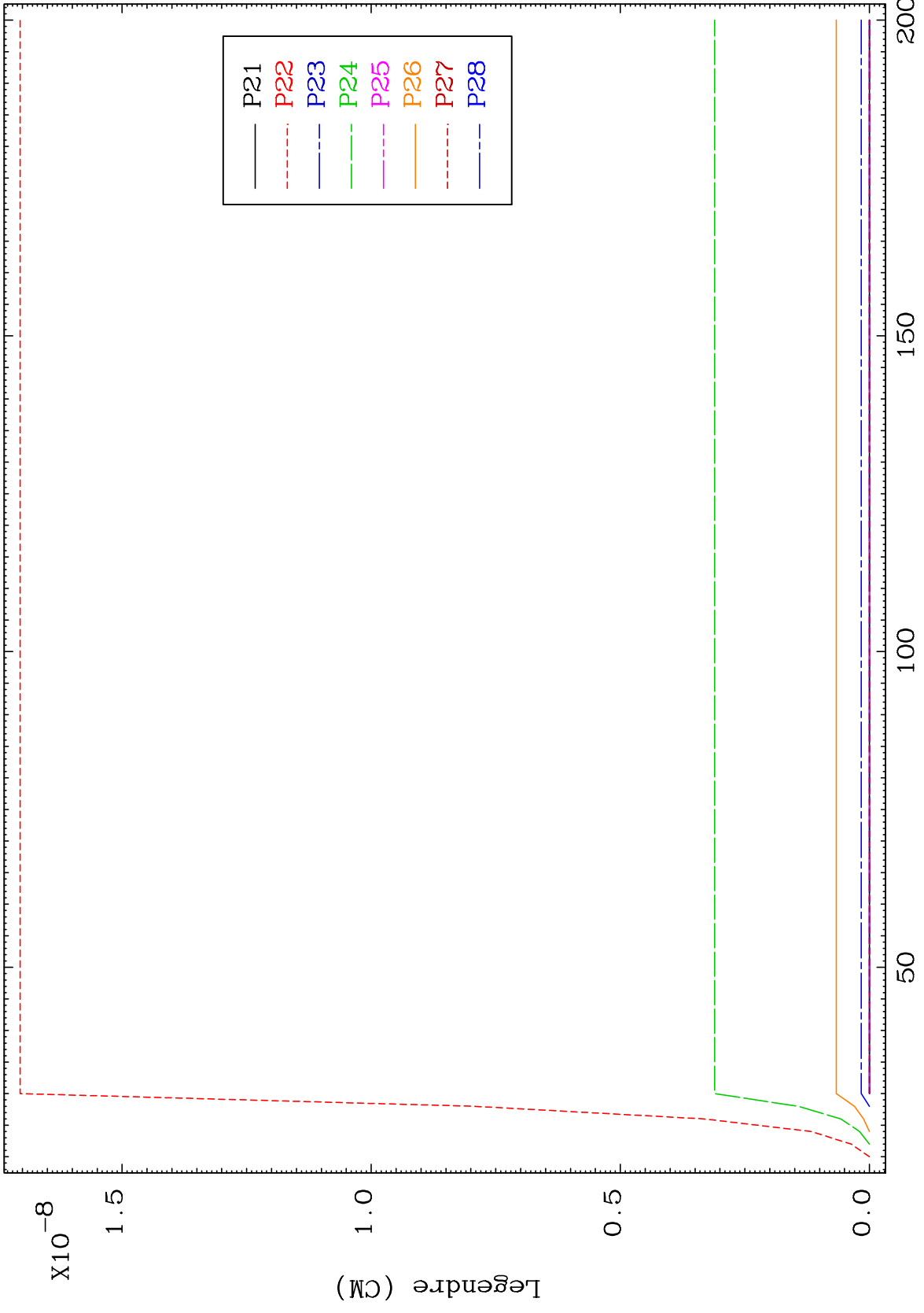
14-Si-30



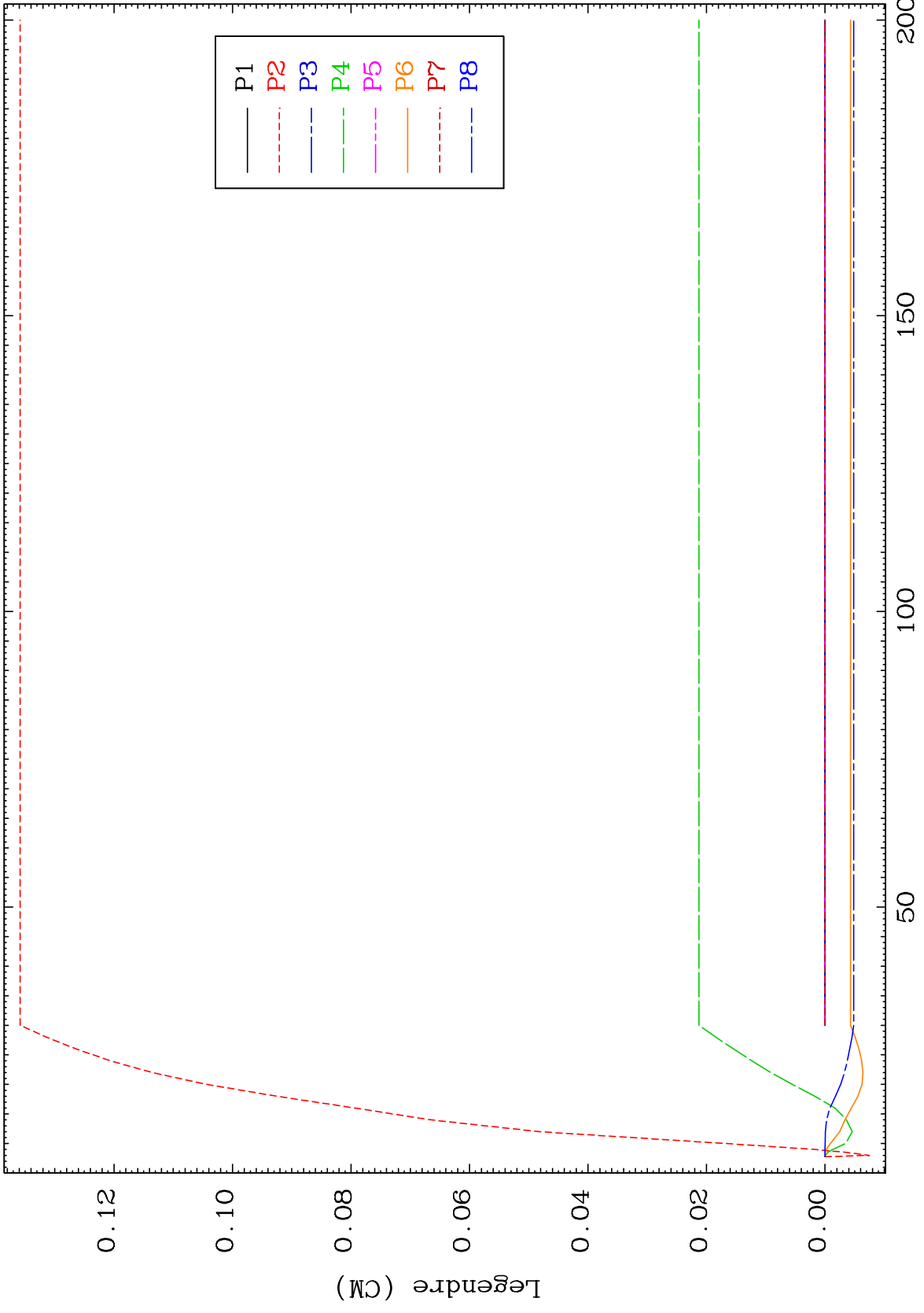
MAT 1431 MT= 75 (n,n') Level Legendre Coefficients 14-Si-30



MAT 1431 MT= 75 (n,n') Level Legendre Coefficients 14-Si-30

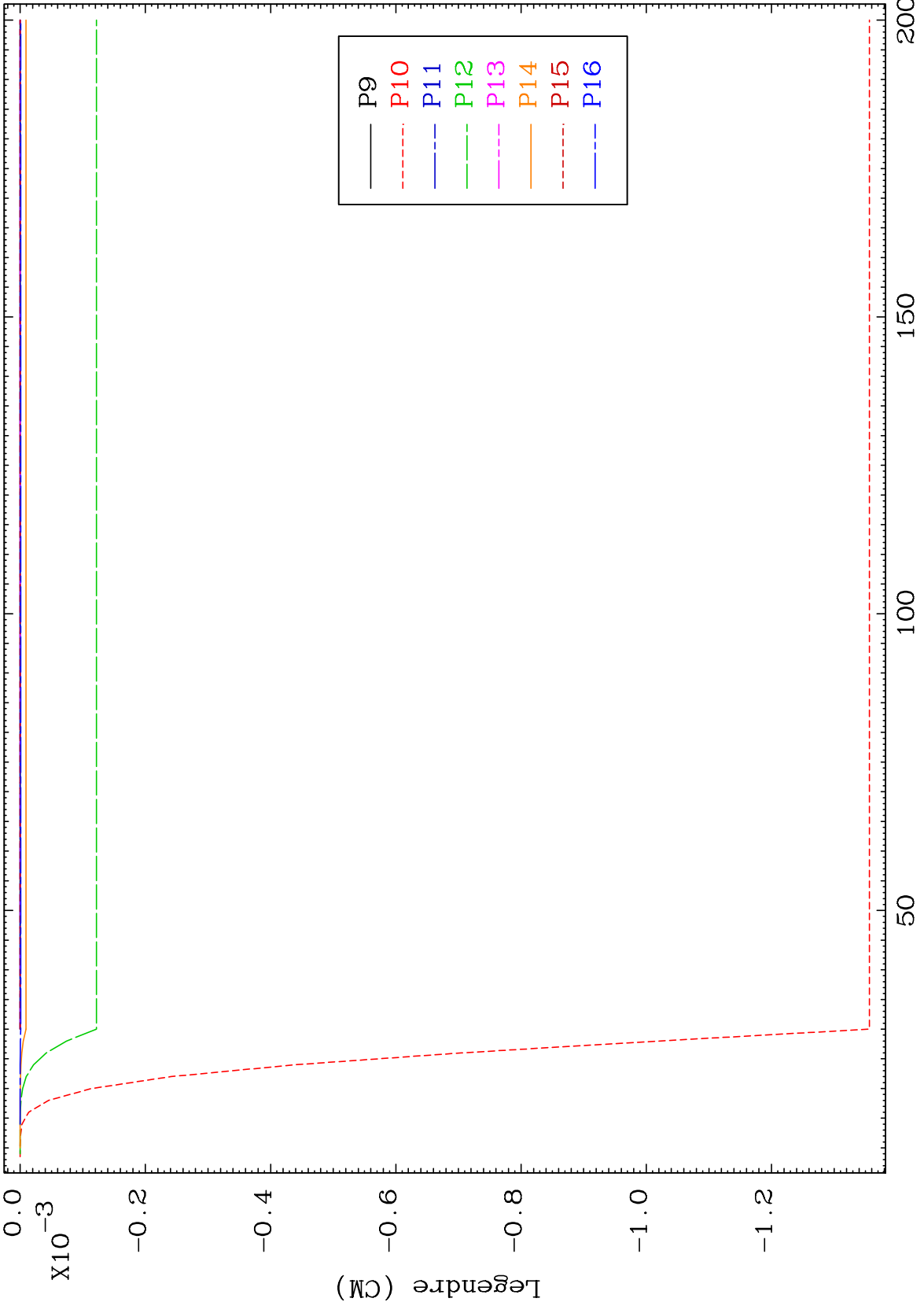


MAT 1431 MT= 76 (n,n') Level Legendre Coefficients 14-Si-30

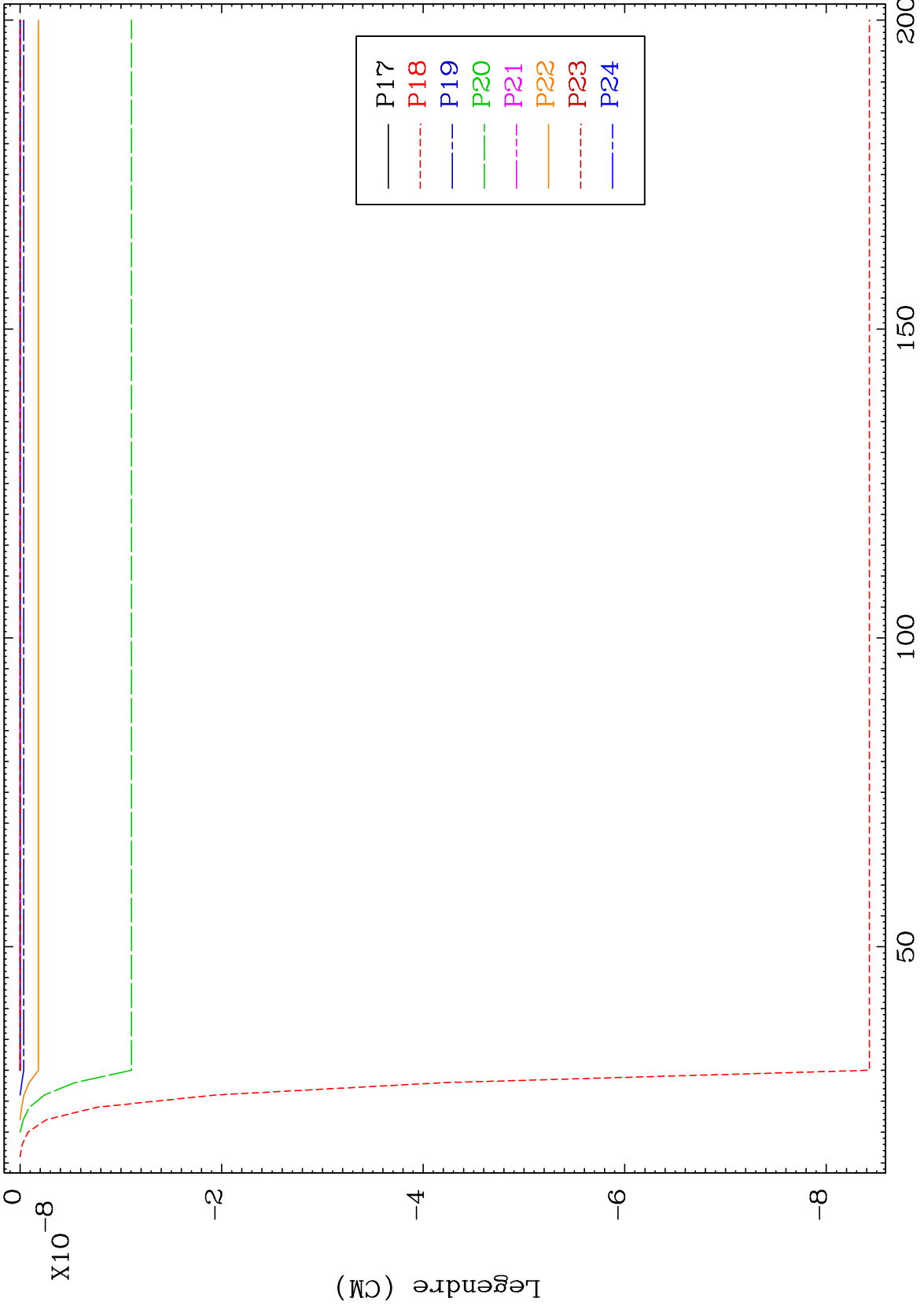


14-Si-30

MAT 1431 MT= 76 (n,n') Level Legendre Coefficients 14-Si-30

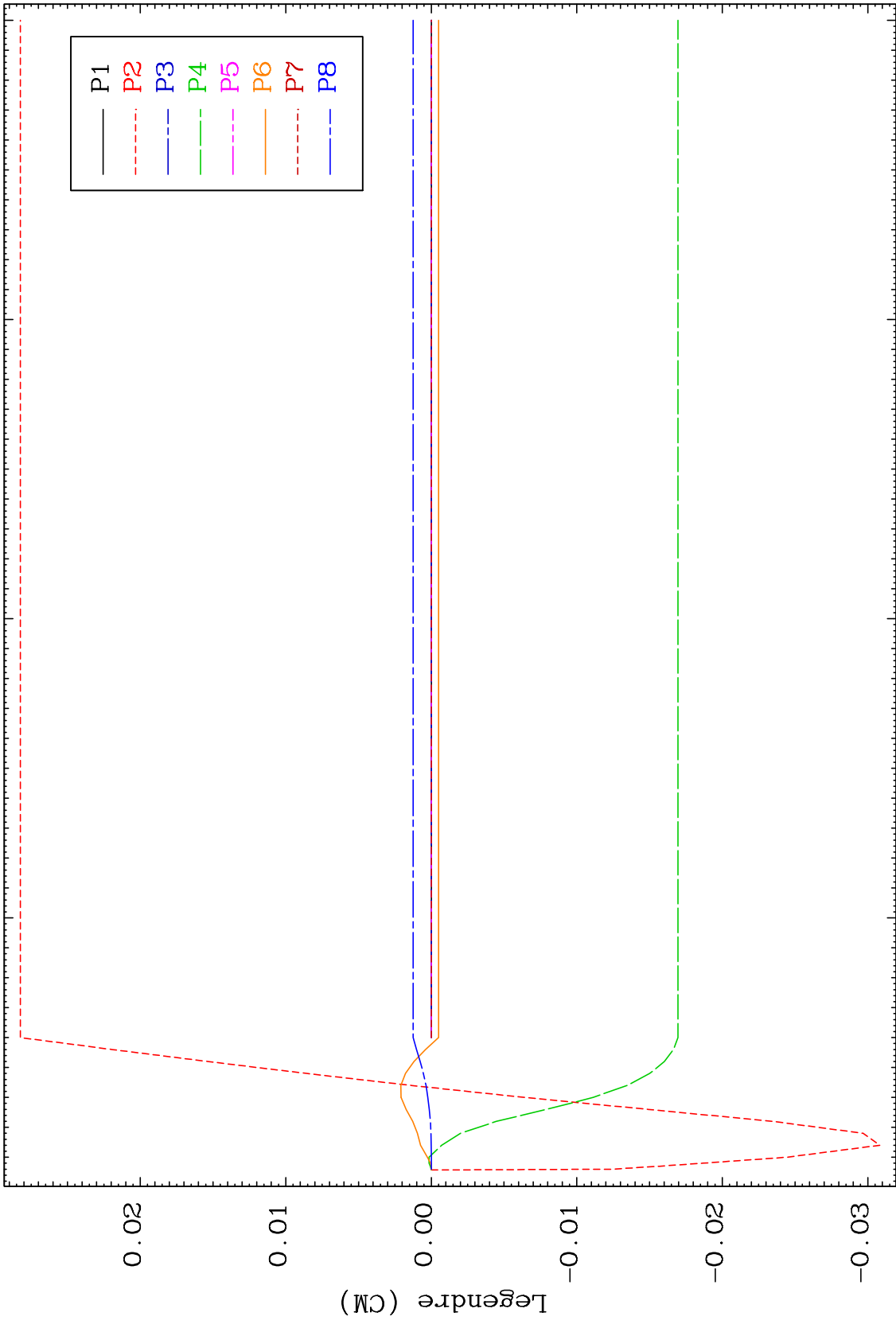


MAT 1431 MT= 76 (n,n') Level Legendre Coefficients 14-Si-30



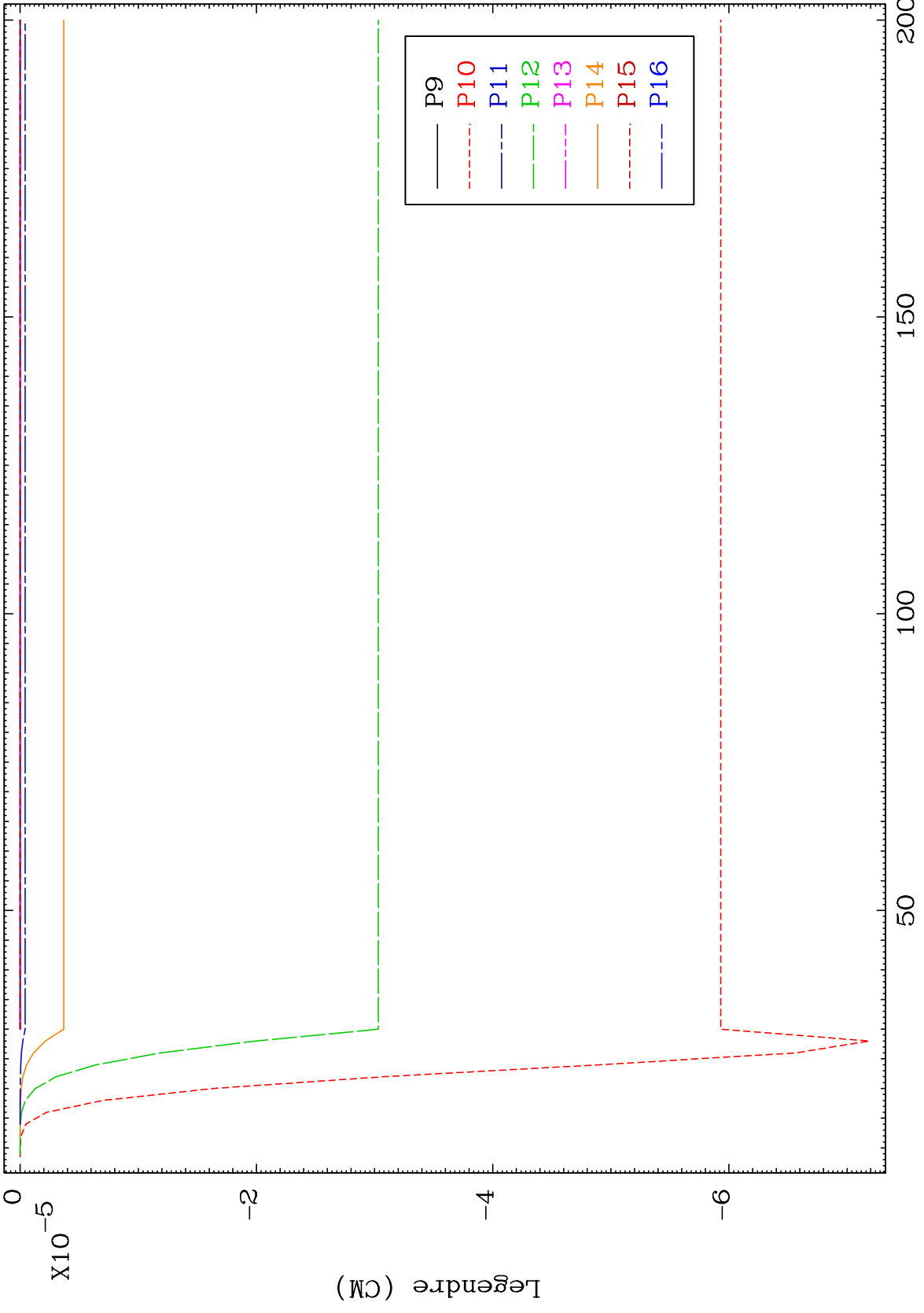
92 14-Si-30

MAT 1431 MT= 77 (n,n') Level Legendre Coefficients 14-Si-30



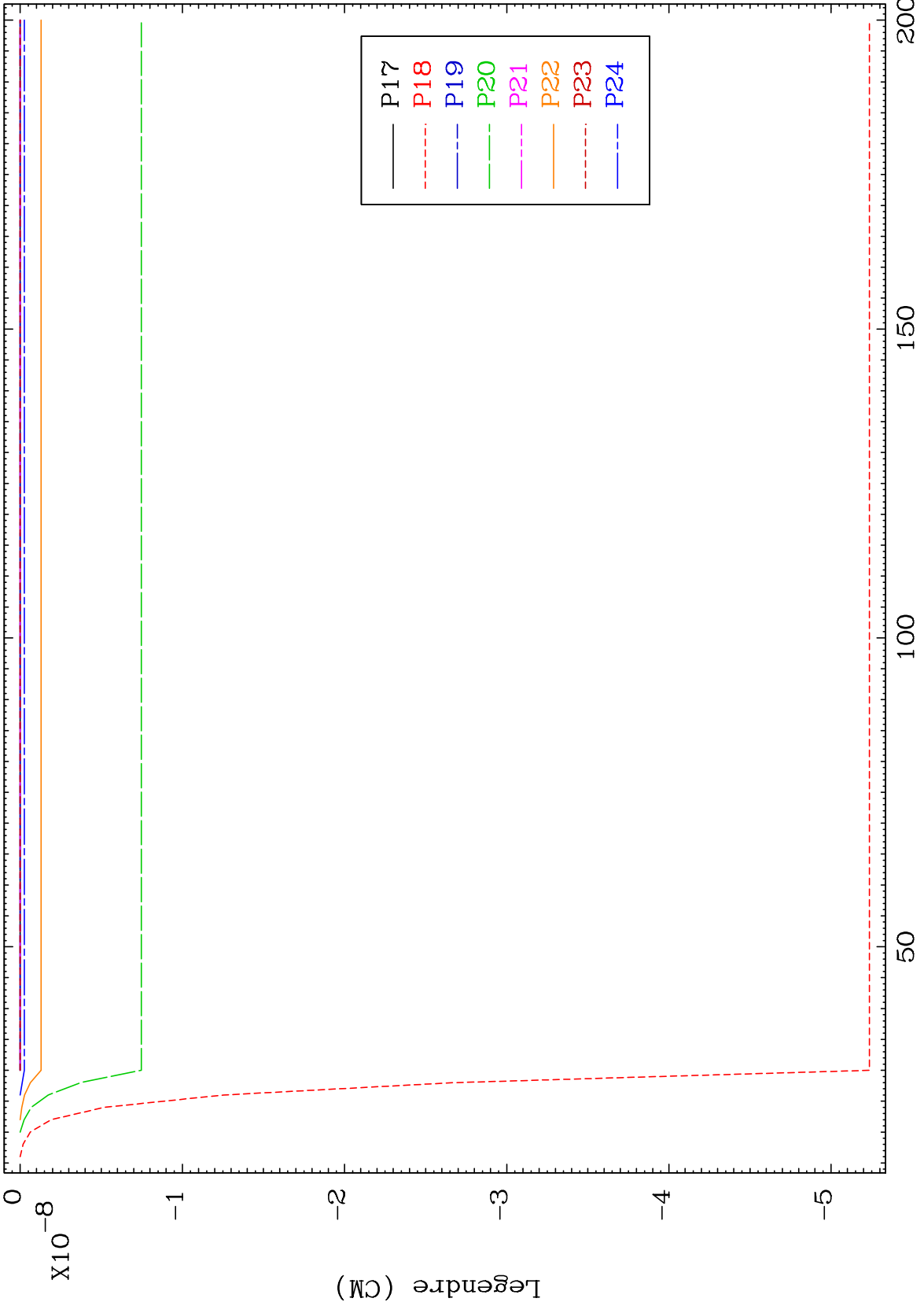
93 14-Si-30

MAT 1431 MT= 77 (n,n') Level Legendre Coefficients 14-Si-30



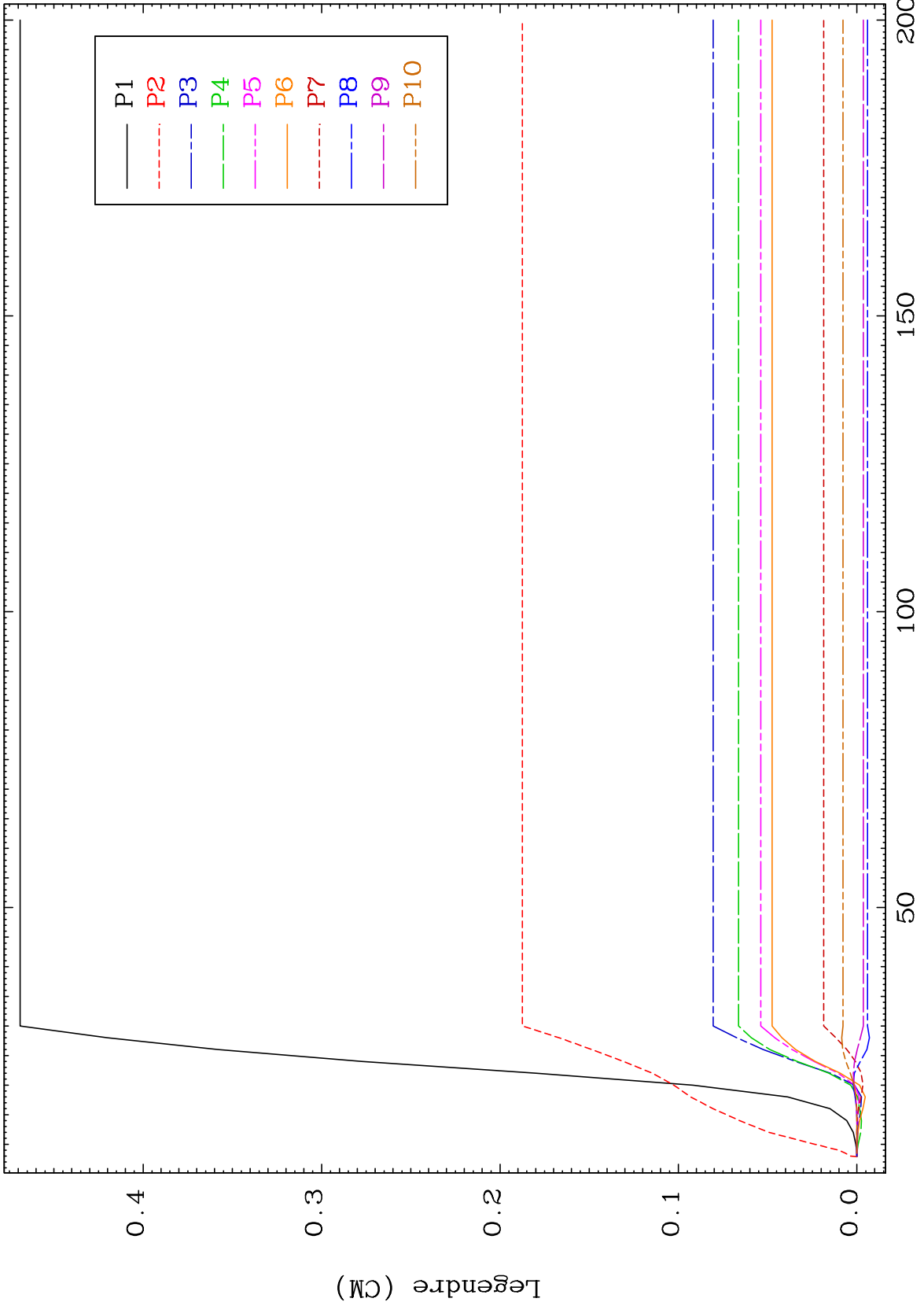
94 14-Si-30

MAT 1431 MT= 77 (n,n') Level Legendre Coefficients 14-Si-30



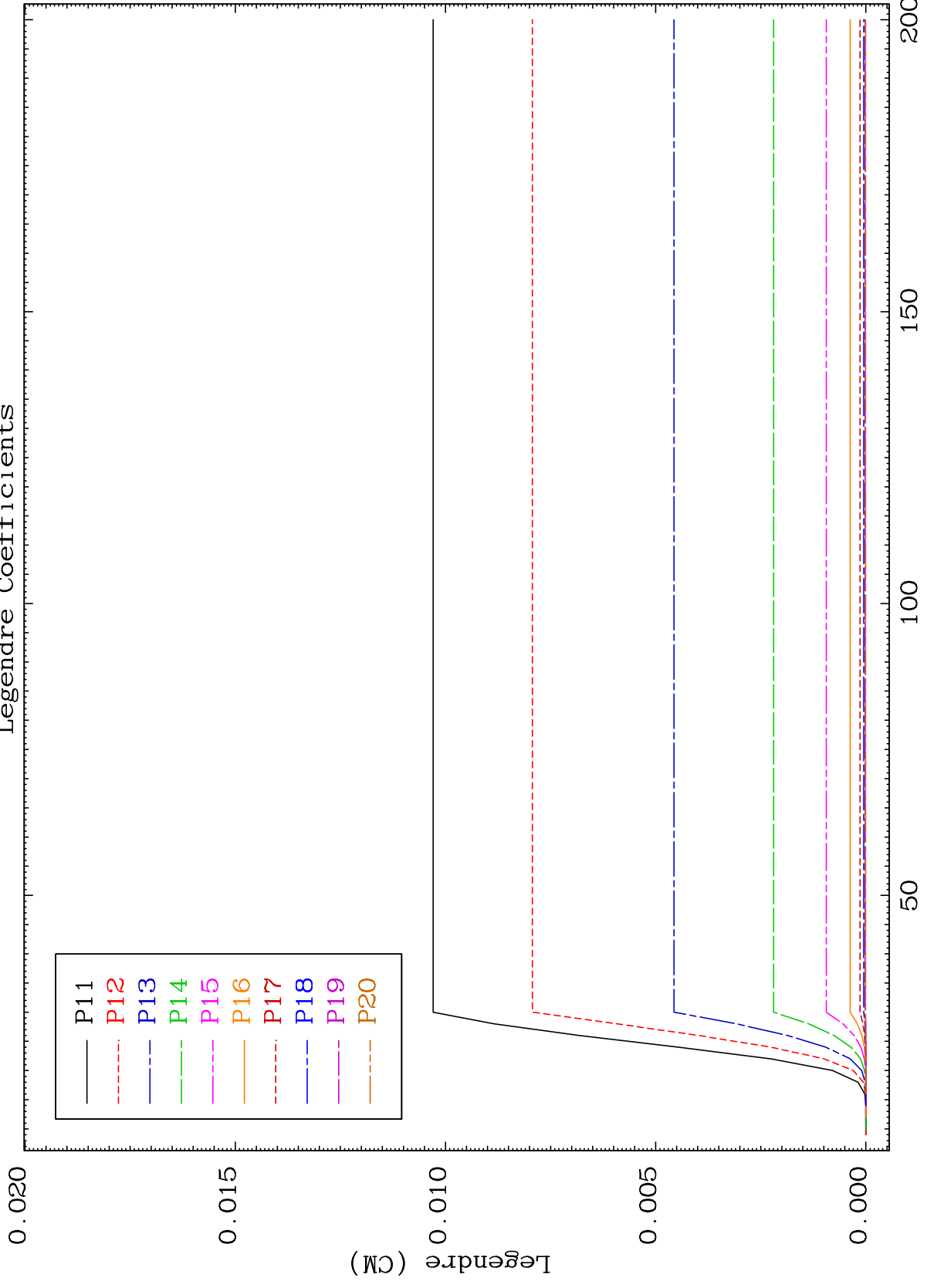
95 Incident Energy (MeV) 14-Si-30

MAT 1431 MT= 78 (n,n') Level Legendre Coefficients 14-Si-30

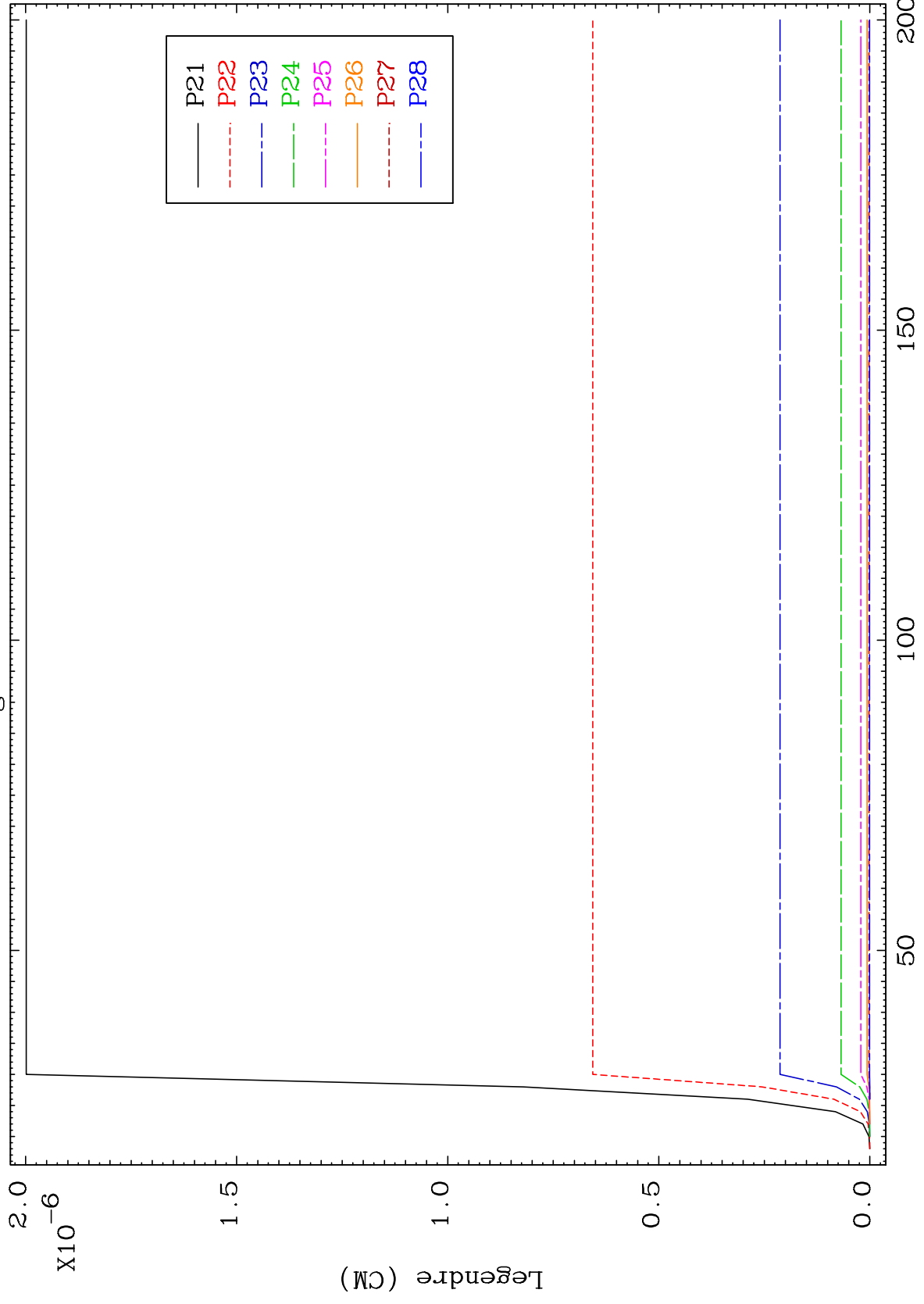


96 14-Si-30

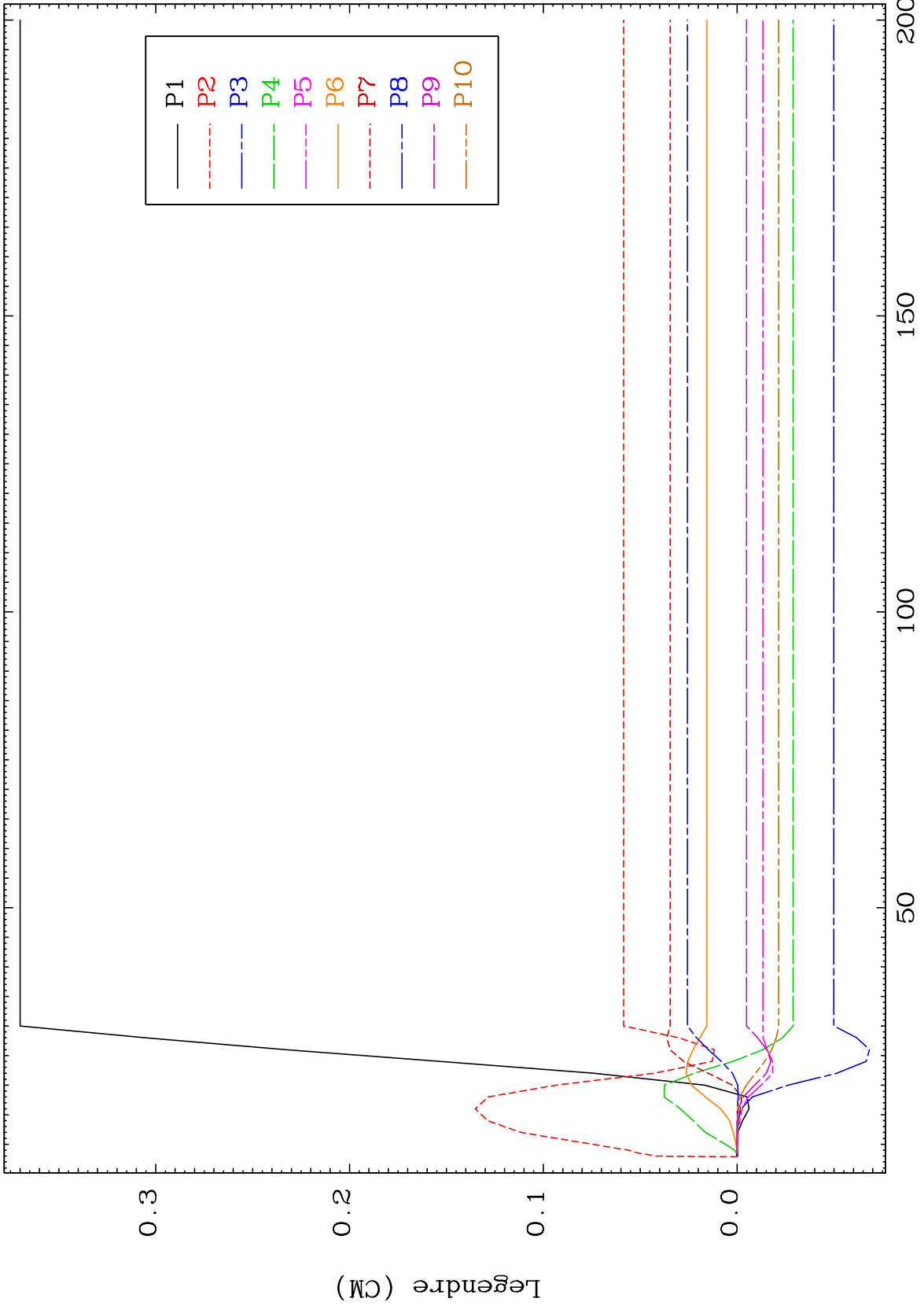
MAT 1431 MT= 78 (n,n') Level Legendre Coefficients 14-Si-30



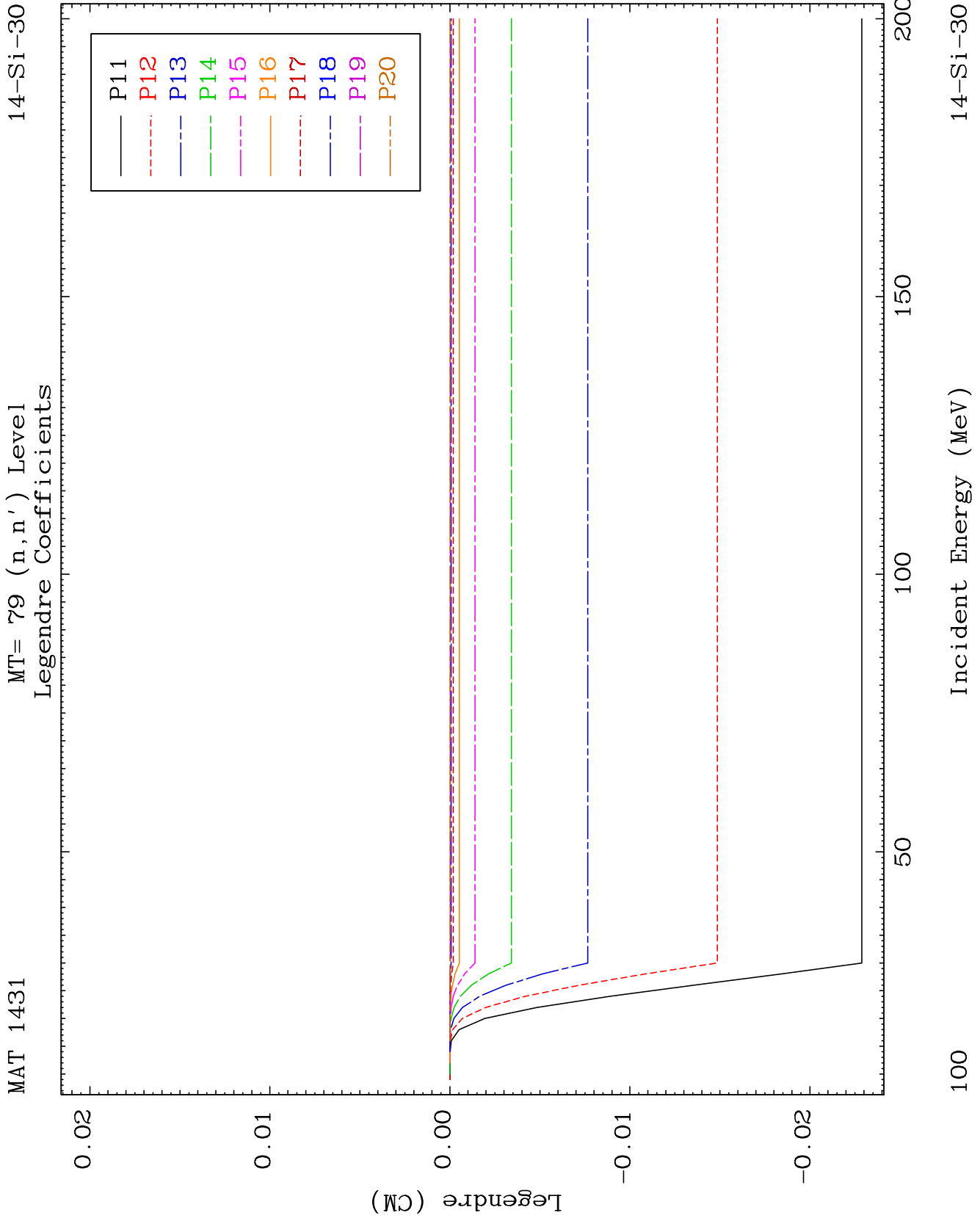
MAT 1431 MT= 78 (n,n') Level Legendre Coefficients 14-Si-30



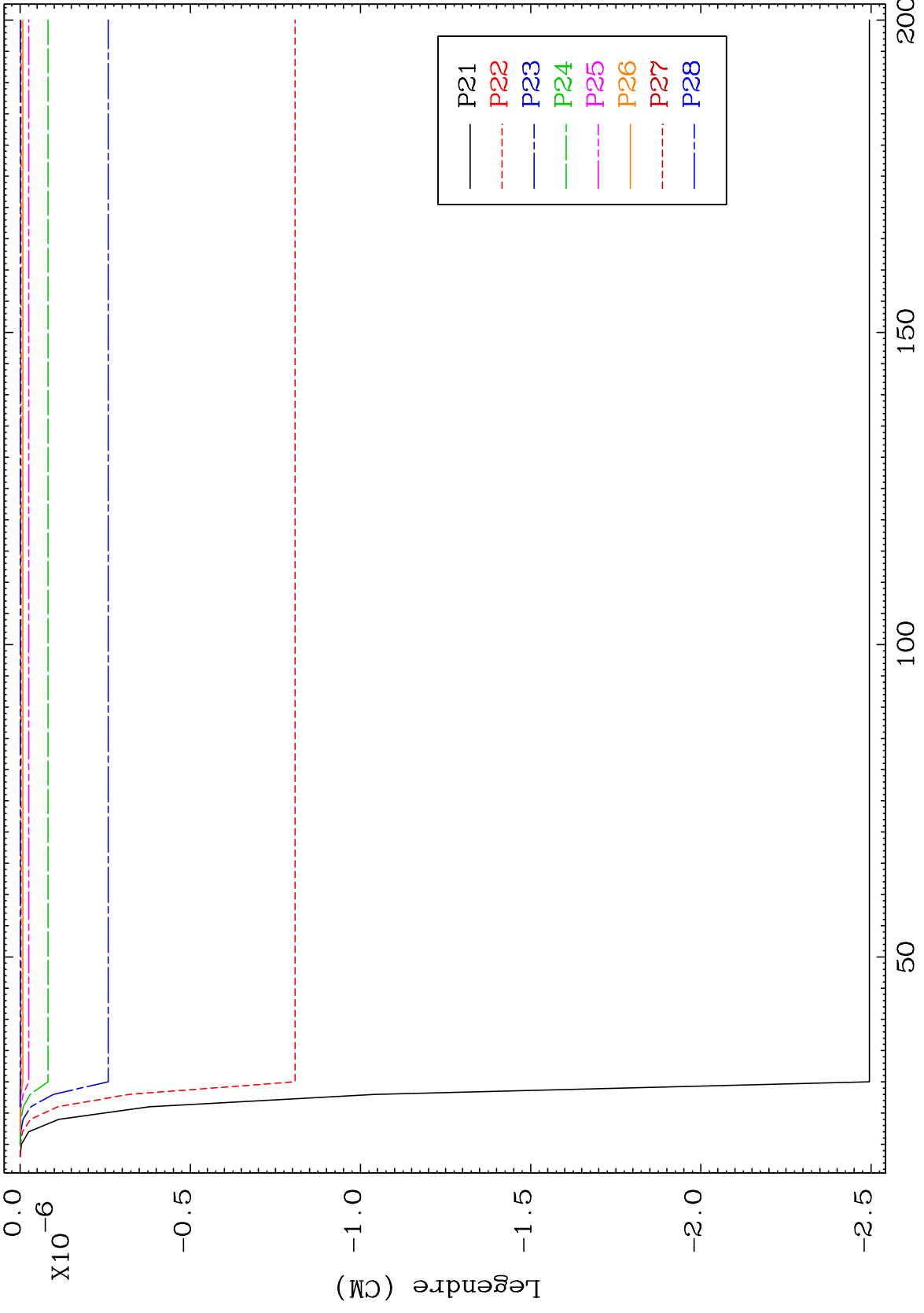
MAT 1431 MT= 79 (n,n') Level Legendre Coefficients 14-Si-30



99 14-Si-30

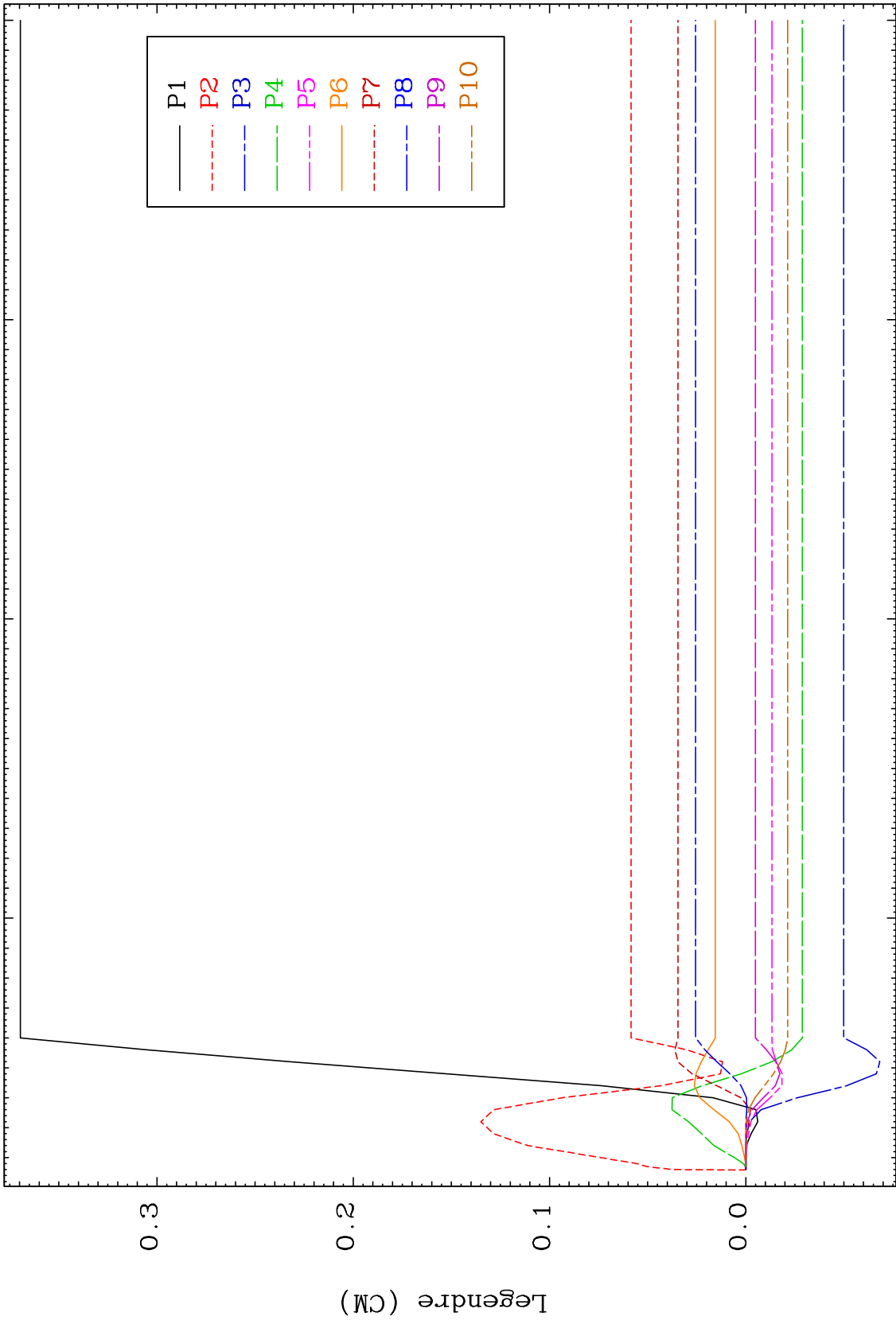


MAT 1431 MT= 79 (n,n') Level Legendre Coefficients 14-Si-30



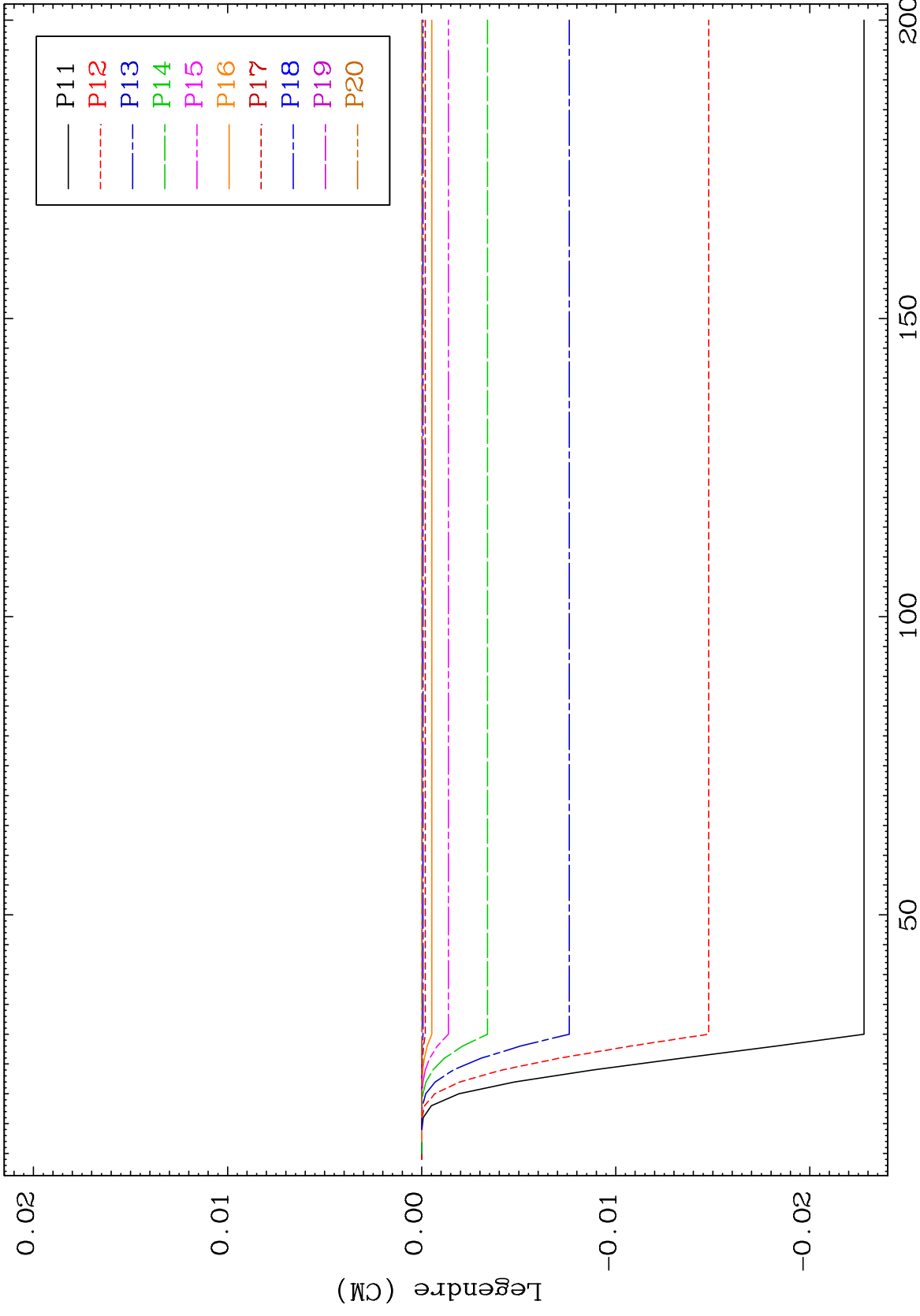
101 14-Si-30

MAT 1431 MT= 80 (n,n') Level Legendre Coefficients 14-Si-30



102 14-Si-30

MAT 1431 MT= 80 (n,n') Level Legendre Coefficients 14-Si-30



103 Incident Energy (MeV) 14-Si-30

