

Program EVALPLOT  
(Version 2021-1)

by

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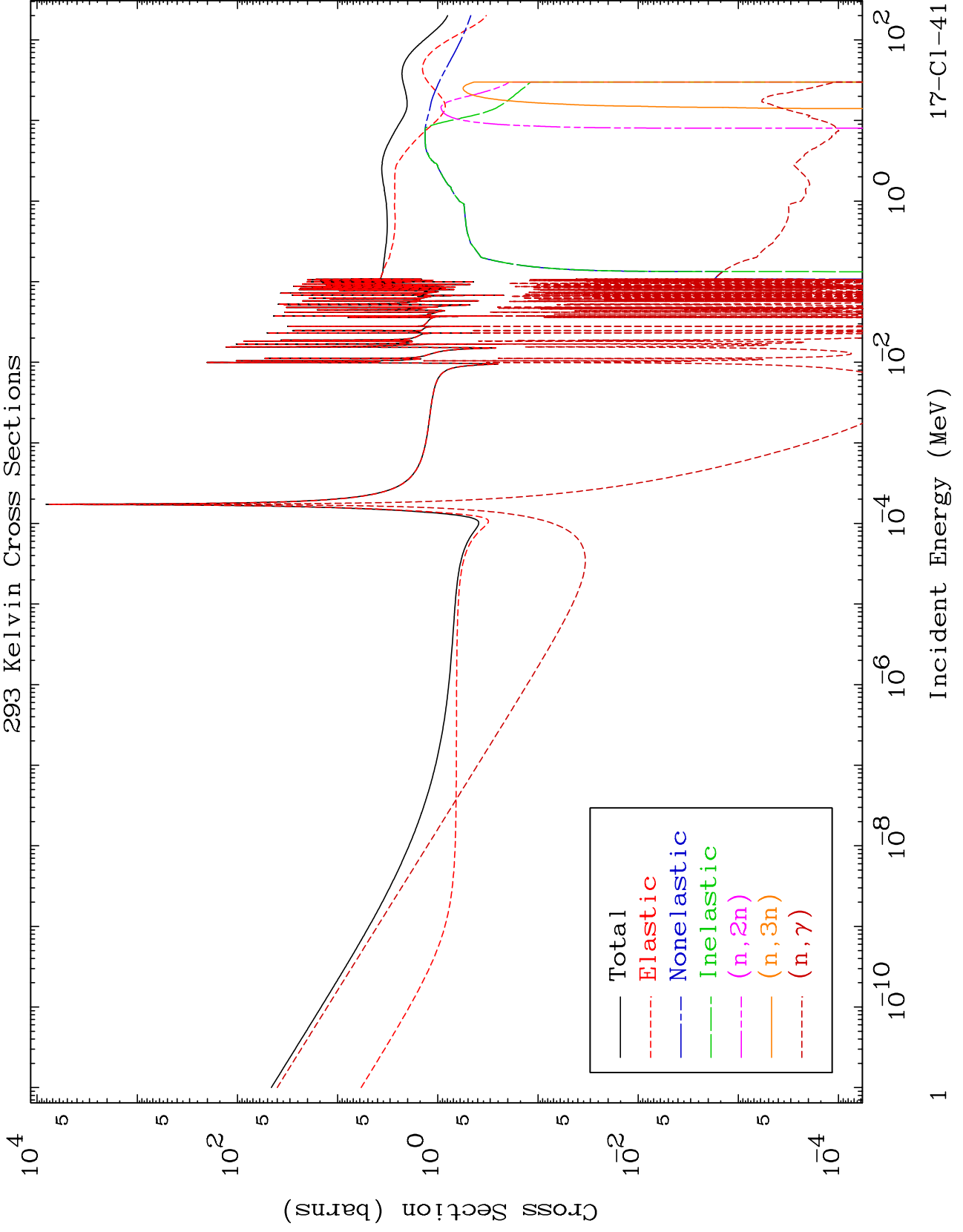
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Press Mouse Button to Start

MAT 1743

Neutron Major  
293 Kelvin Cross Sections

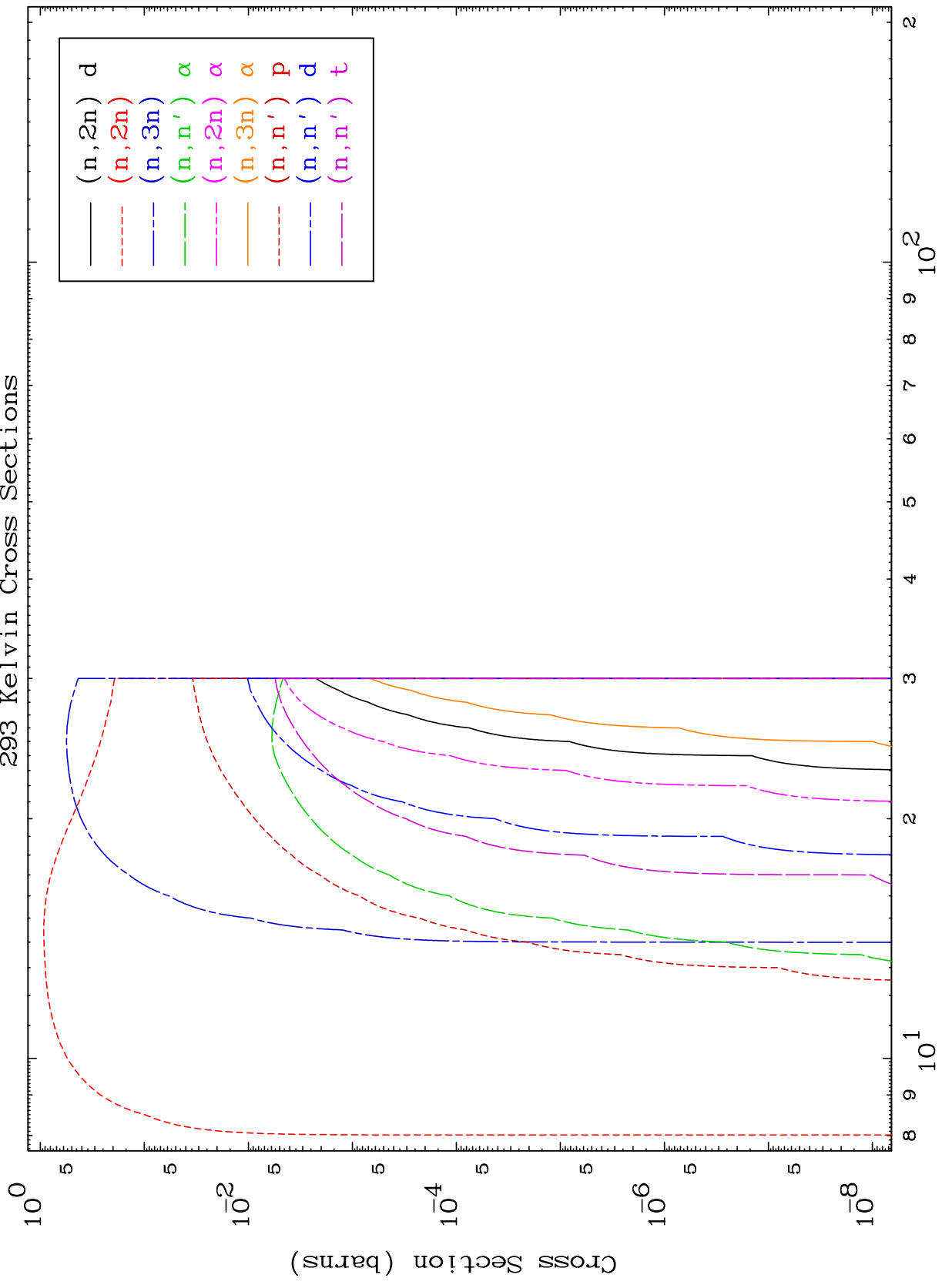
17-Cl-41



MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

17-Cl-41



2

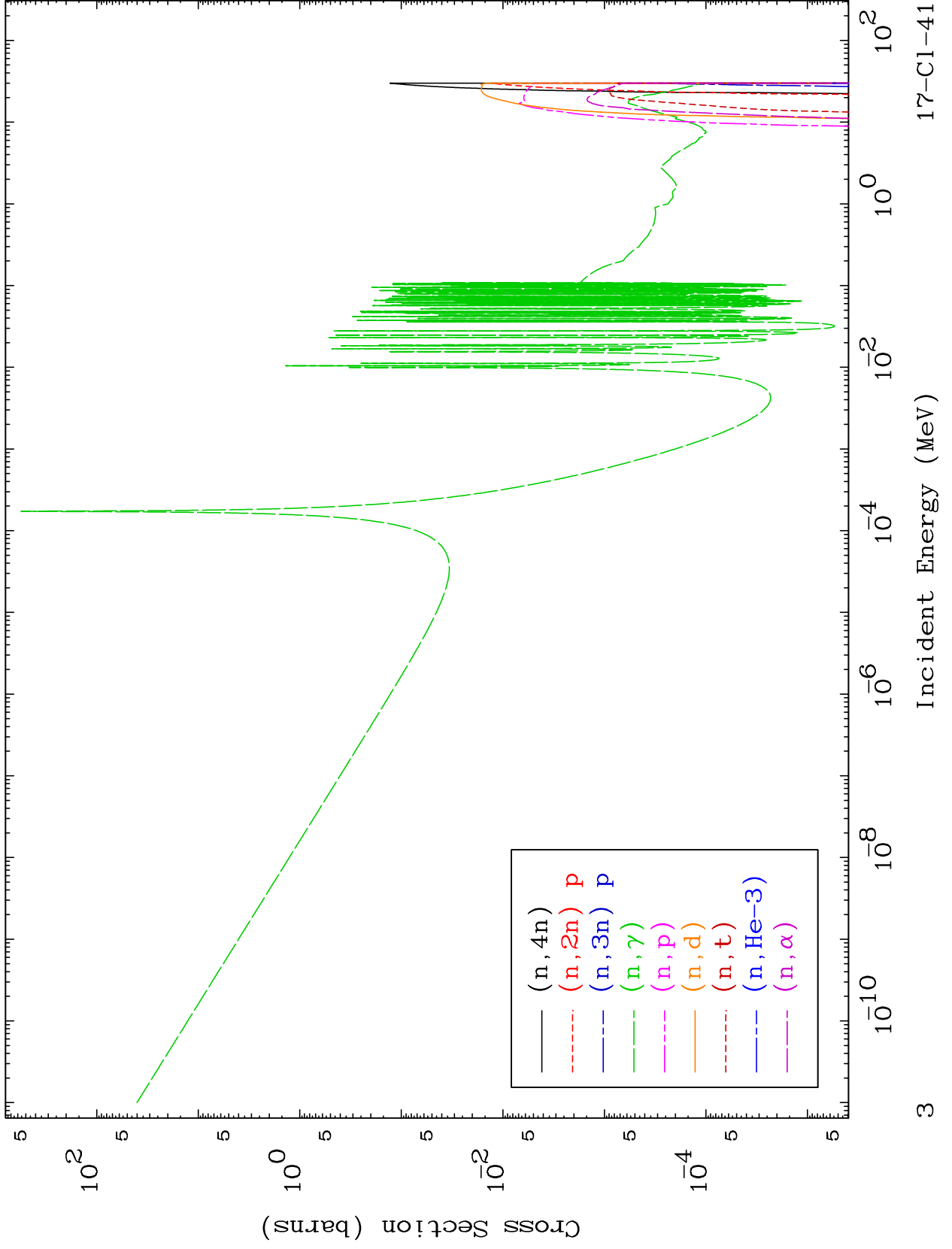
Incident Energy (MeV)

17-Cl-41

MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

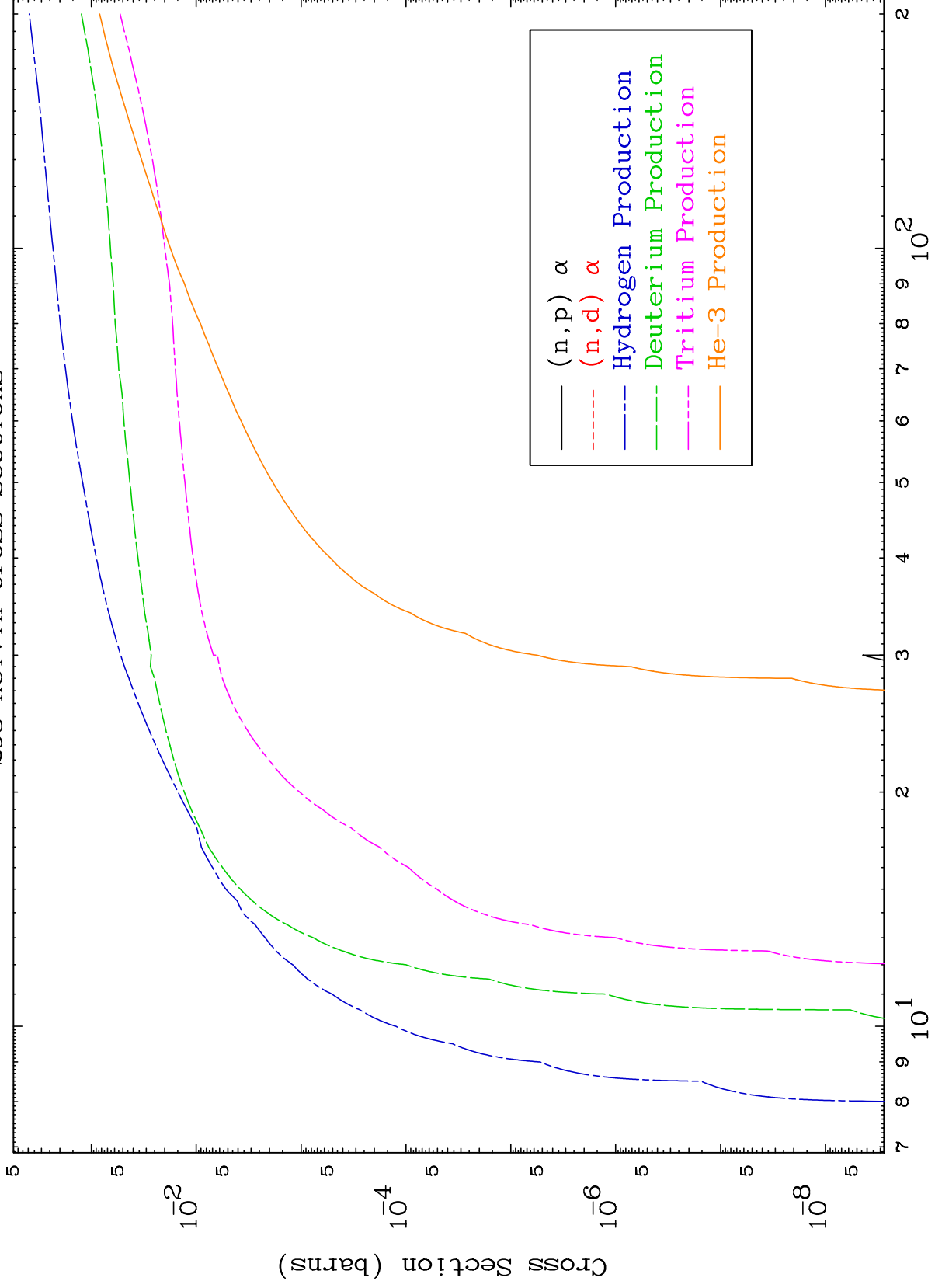
17-Cl-41



MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

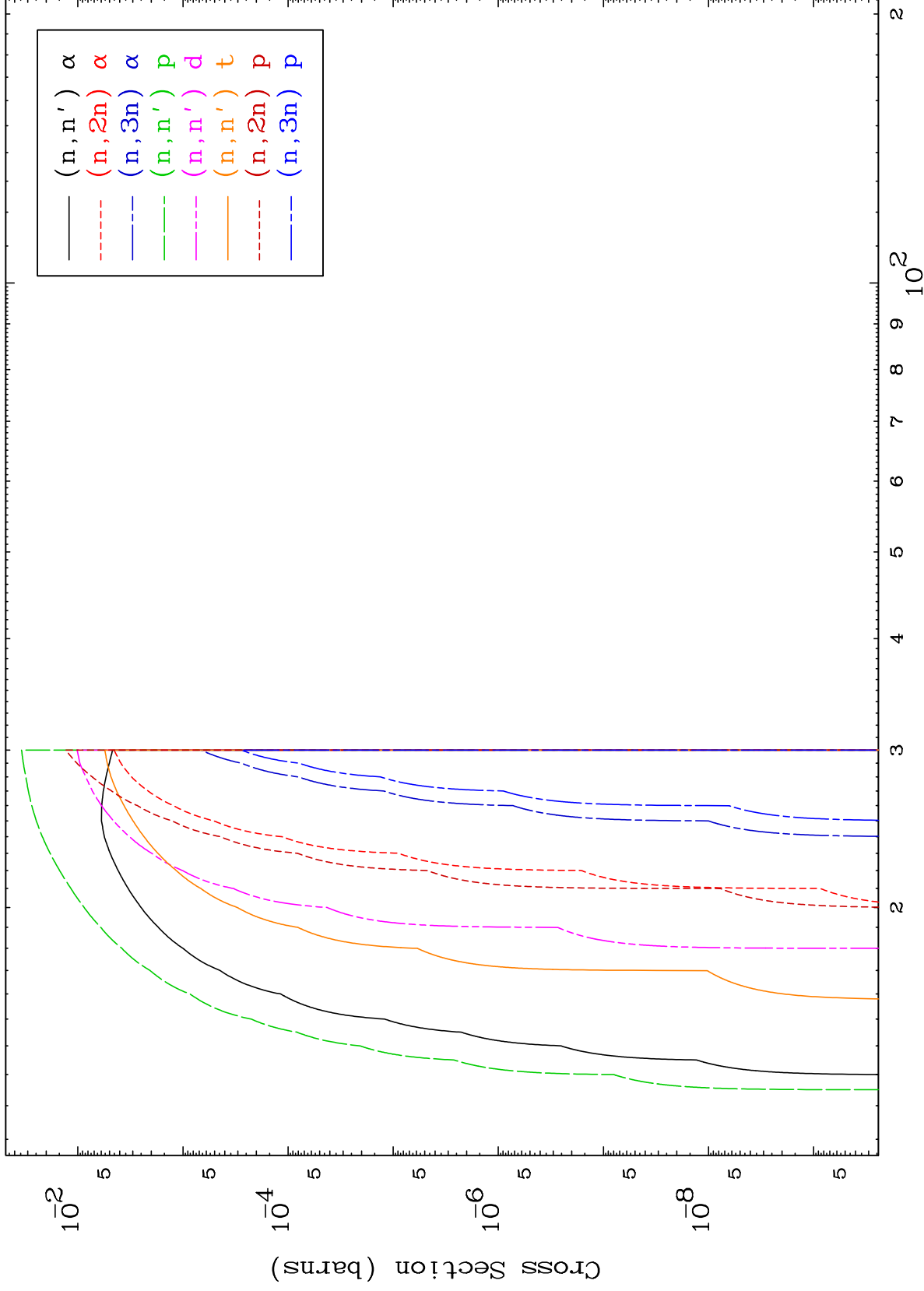
17-Cl-41



4

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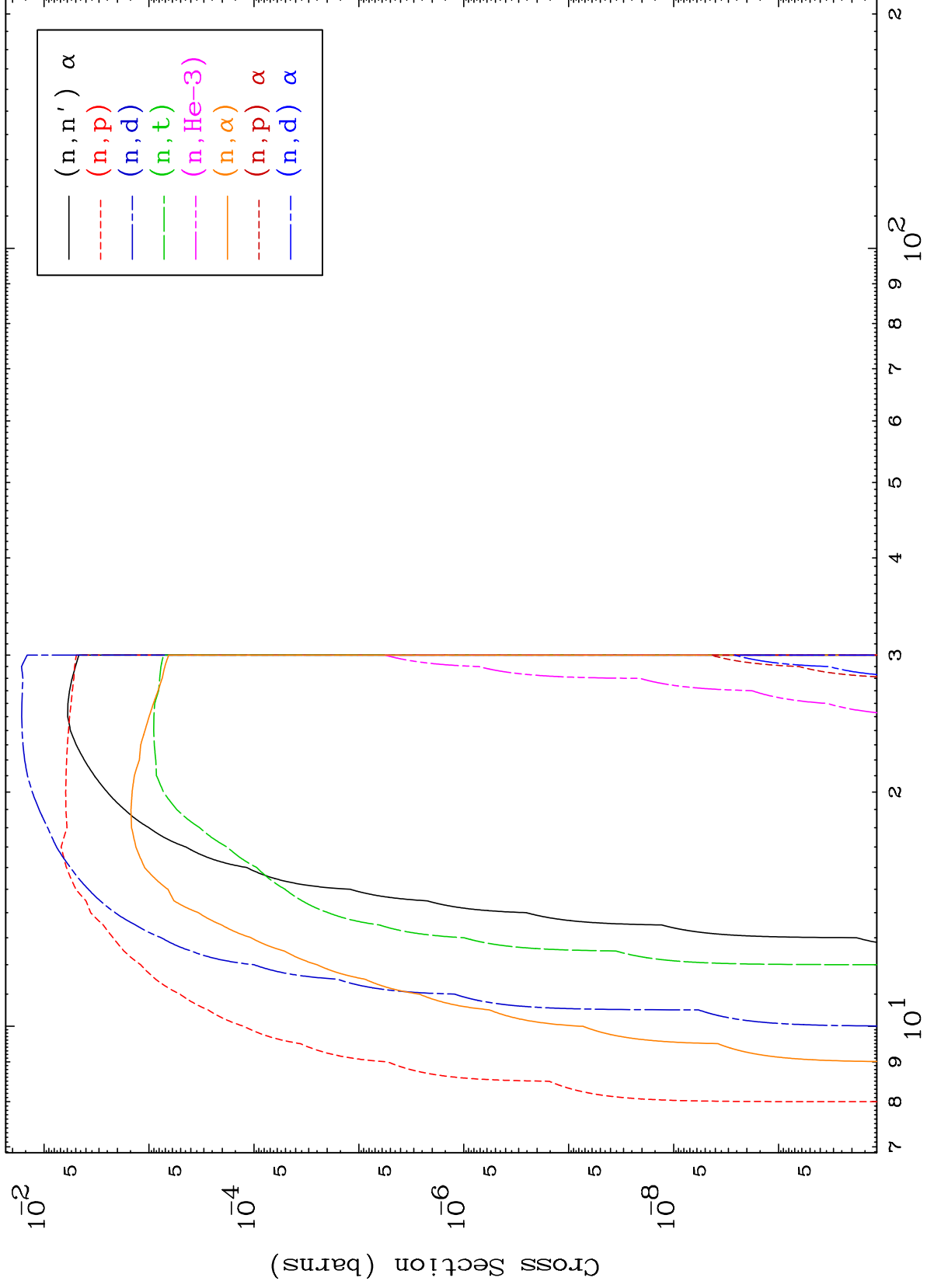
17-Cl-41



MAT 1743

Charged Particle  
293 Kelvin Cross Sections

17-Cl-41



6

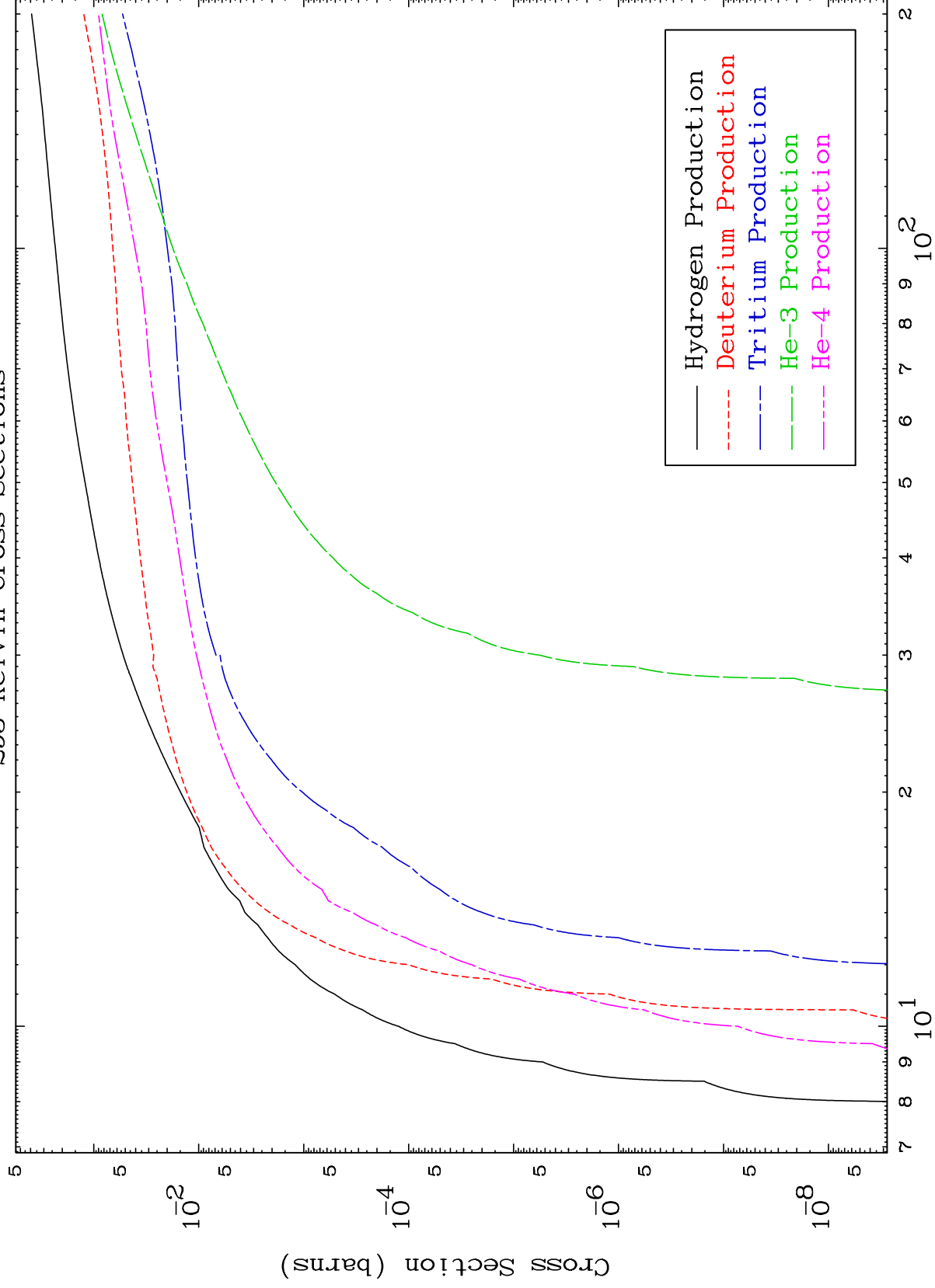
Incident Energy (MeV)

17-Cl-41

MAT 1743

Particle Production  
293 Kelvin Cross Sections

17-Cl-41

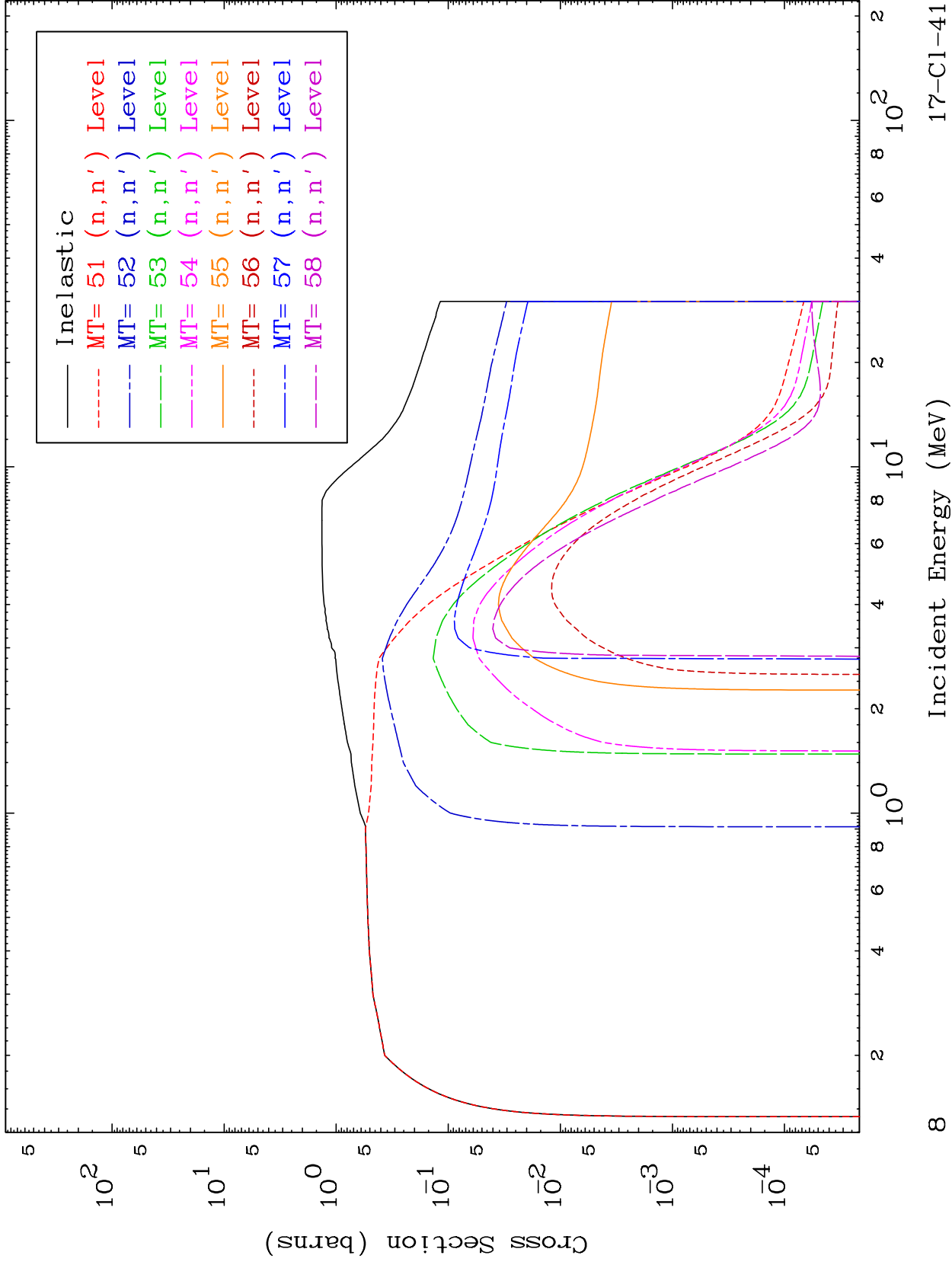


7

Incident Energy (MeV)

17-Cl-41

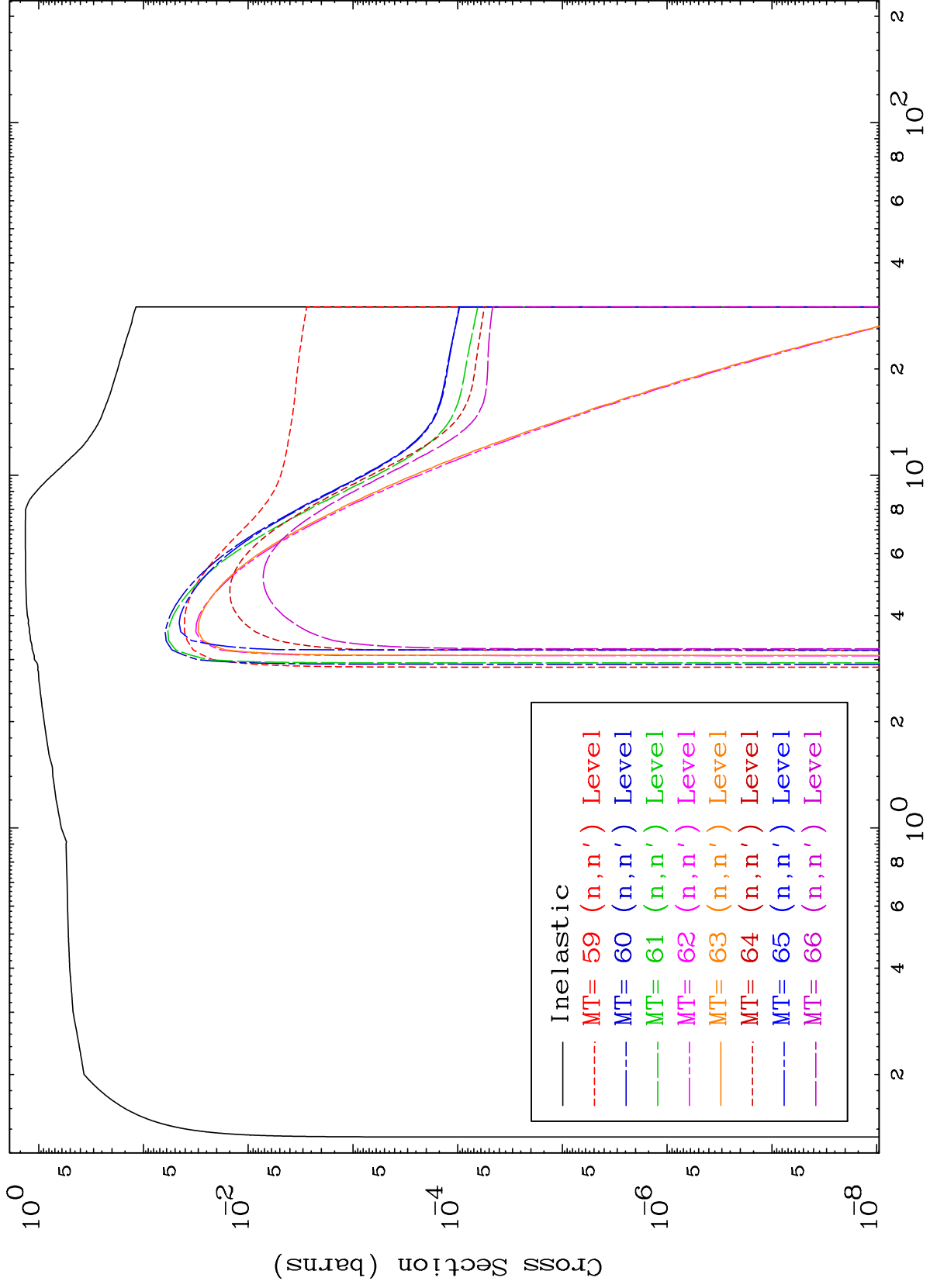




MAT 1743

(n,n') Levels  
293 Kelvin Cross Sections

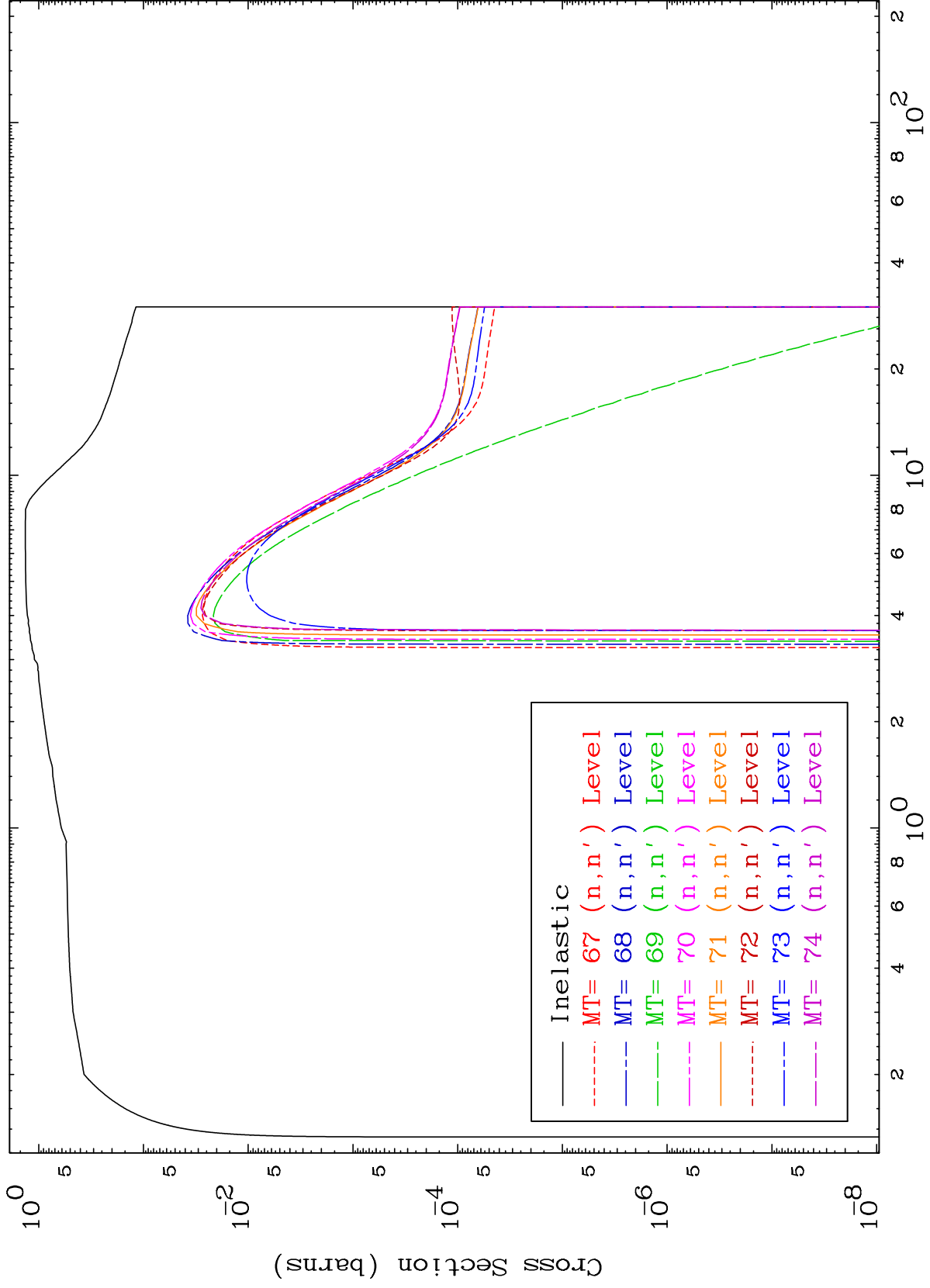
17-Cl-41



MAT 1743

(n, n') Levels  
293 Kelvin Cross Sections

17-Cl-41



10

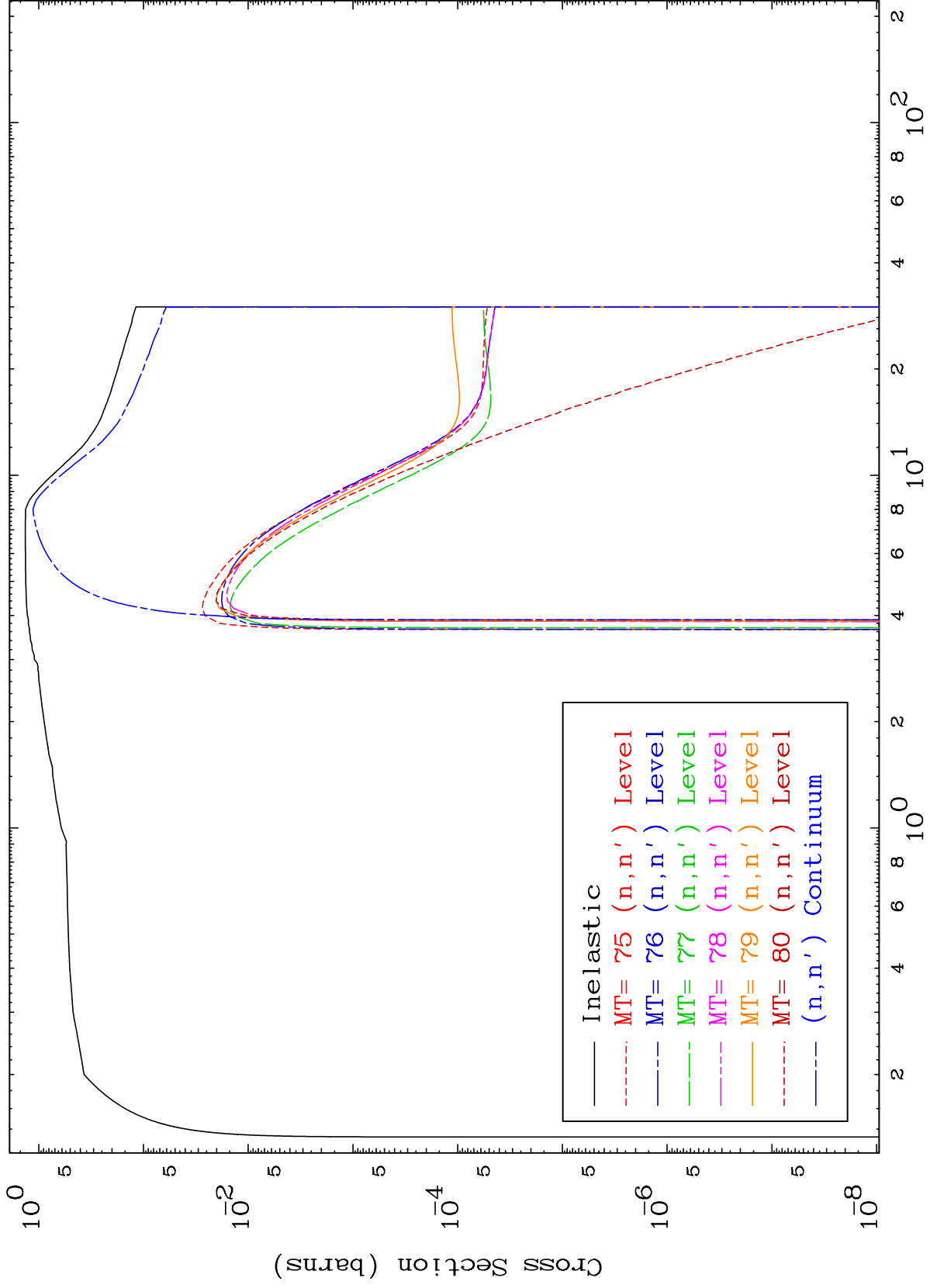
Incident Energy (MeV)

17-Cl-41

MAT 1743

293 Kelvin Cross Sections  
(n,n') Levels

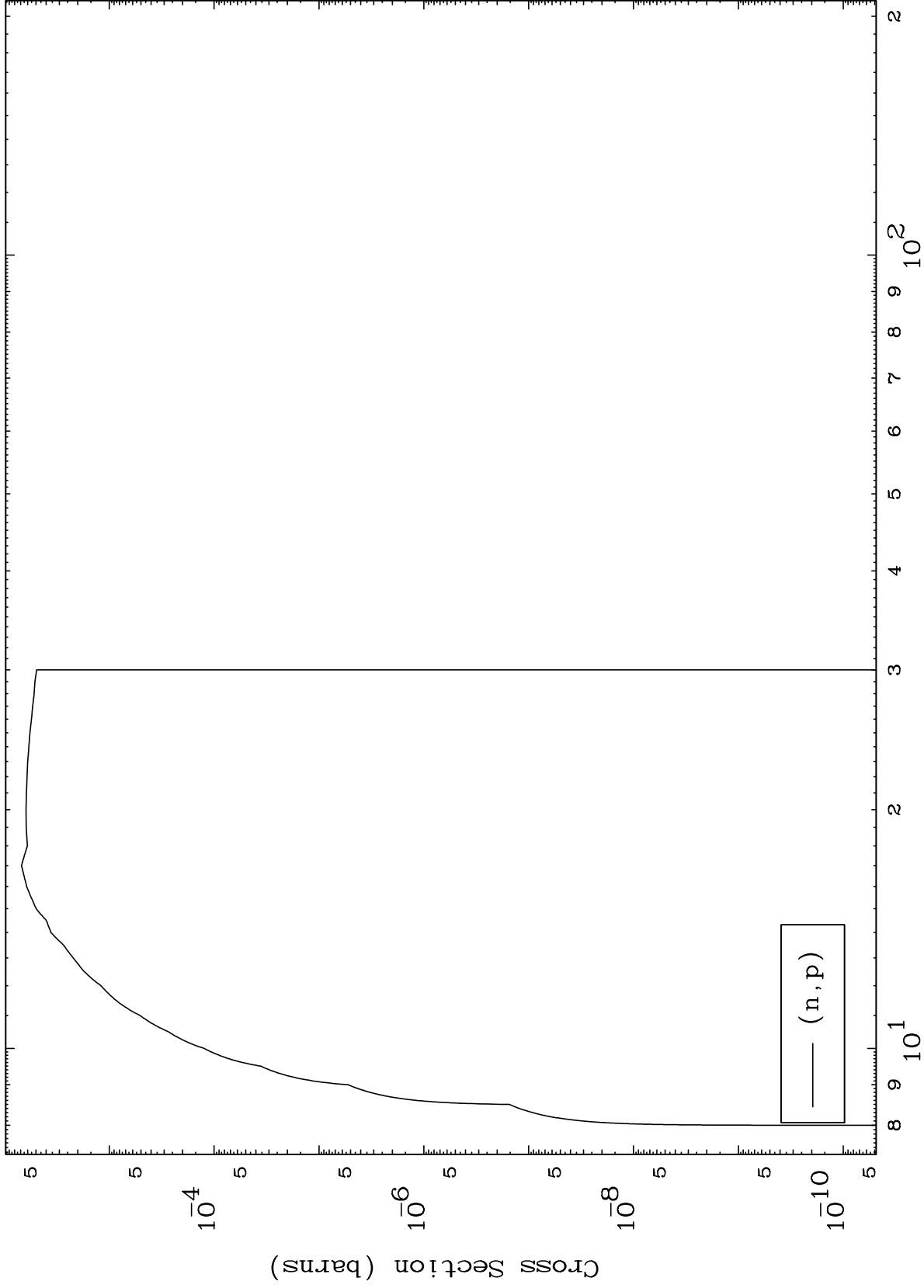
17-Cl-41



MAT 1743

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-41



12

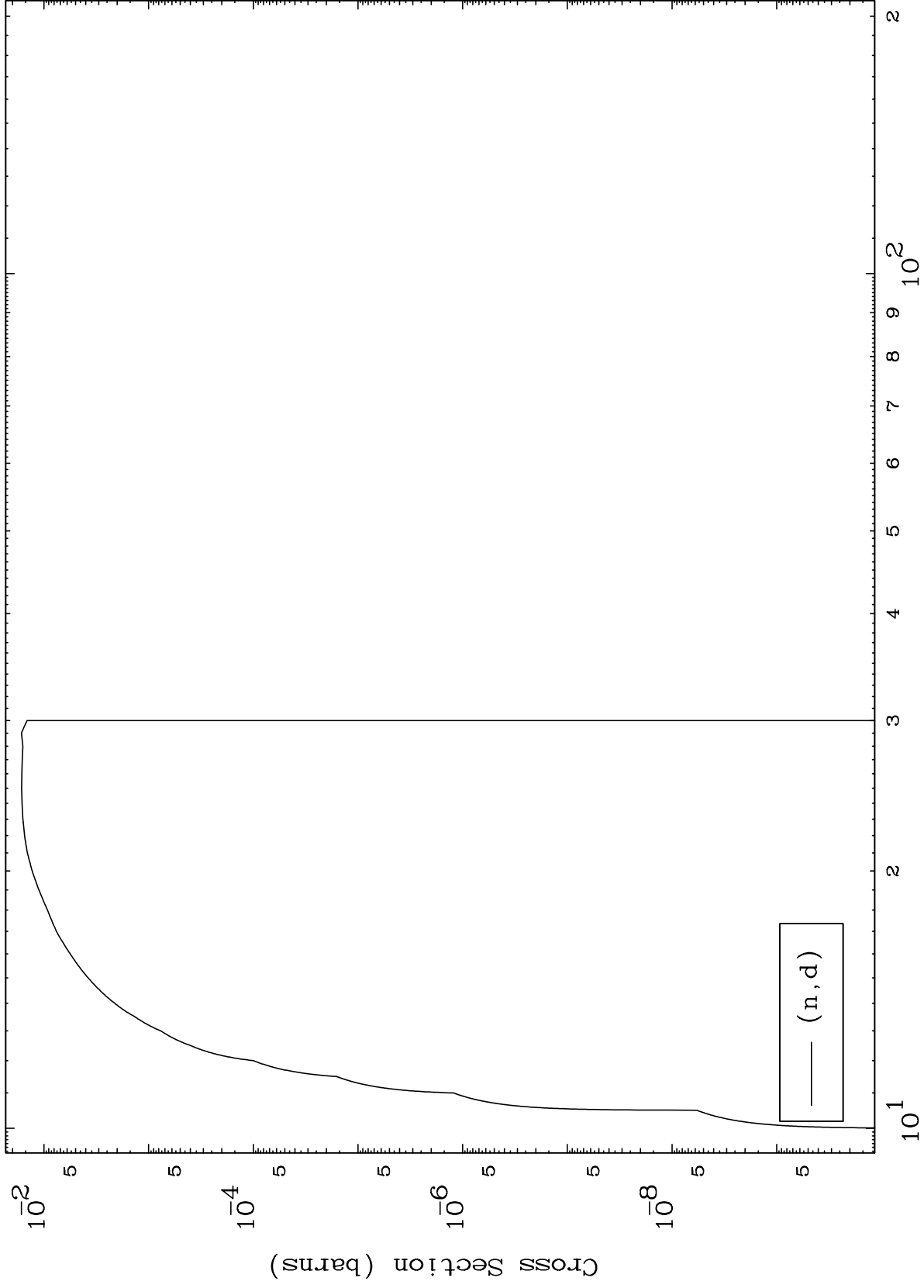
Incident Energy (MeV)

17-Cl-41

MAT 1743

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-41



17-Cl-41

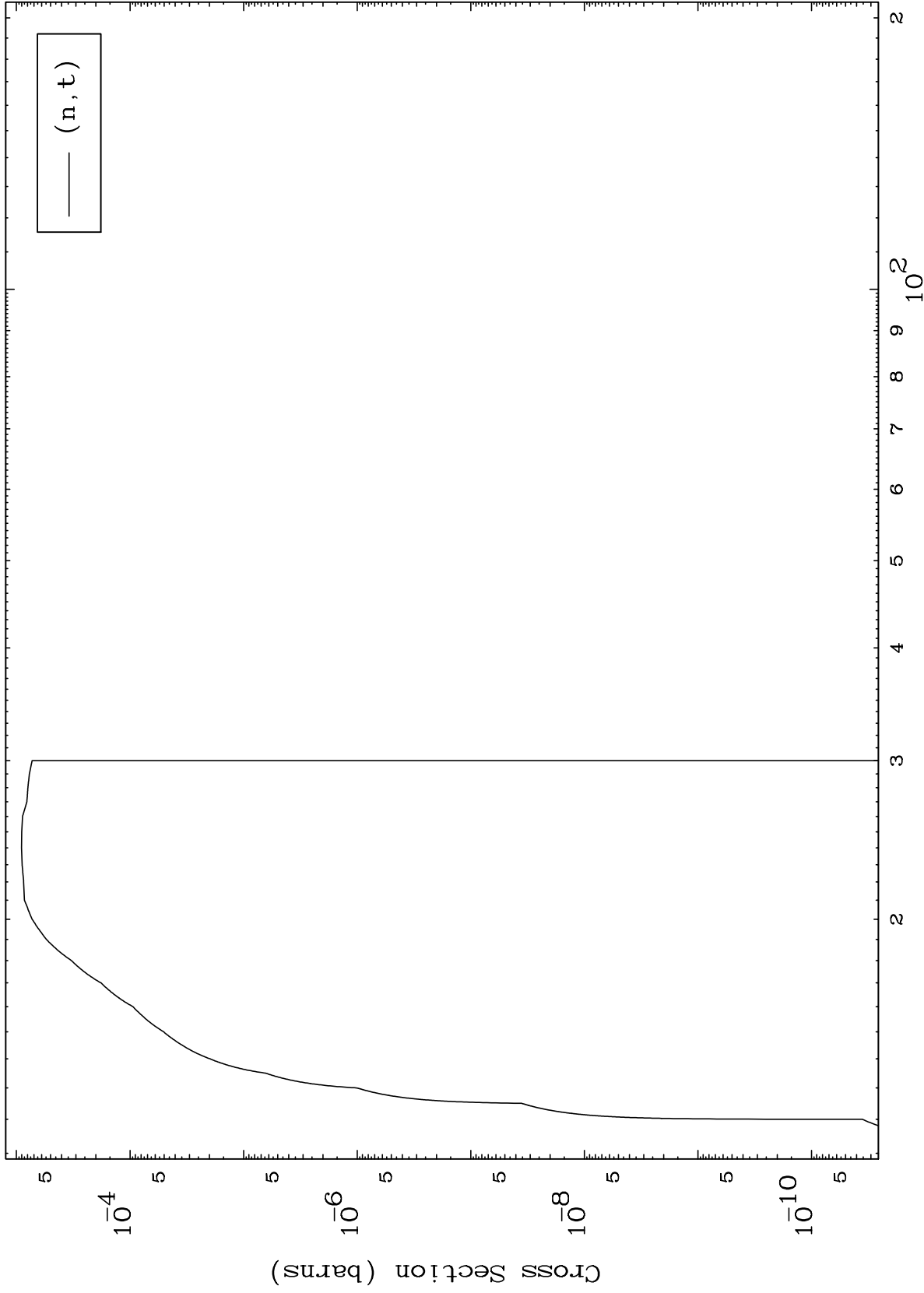
Incident Energy (MeV)

13

MAT 1743

(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-41



14

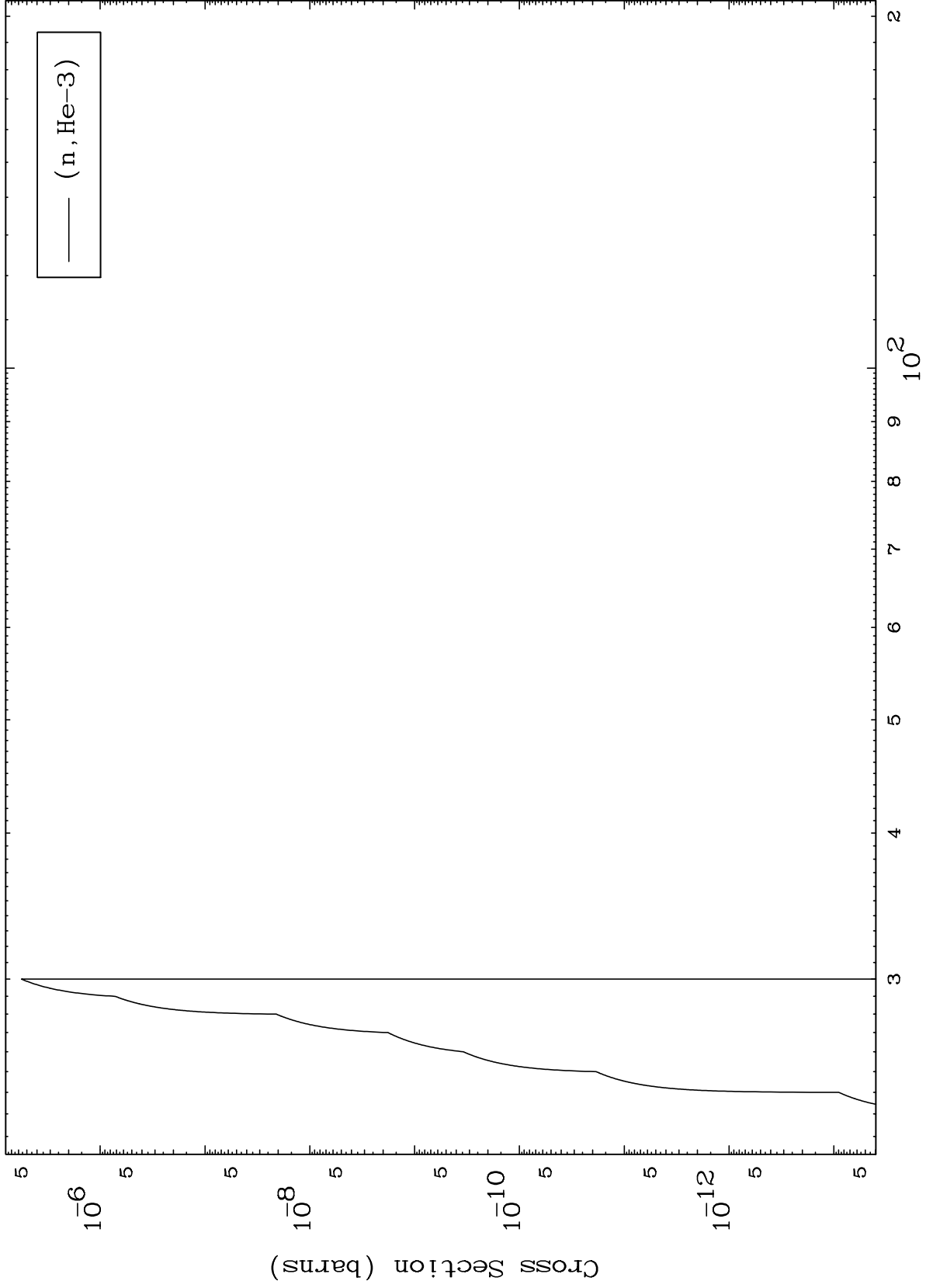
Incident Energy (MeV)

17-Cl-41

MAT 1743

(n,He3) Levels  
293 Kelvin Cross Sections

17-Cl-41



15

Incident Energy (MeV)

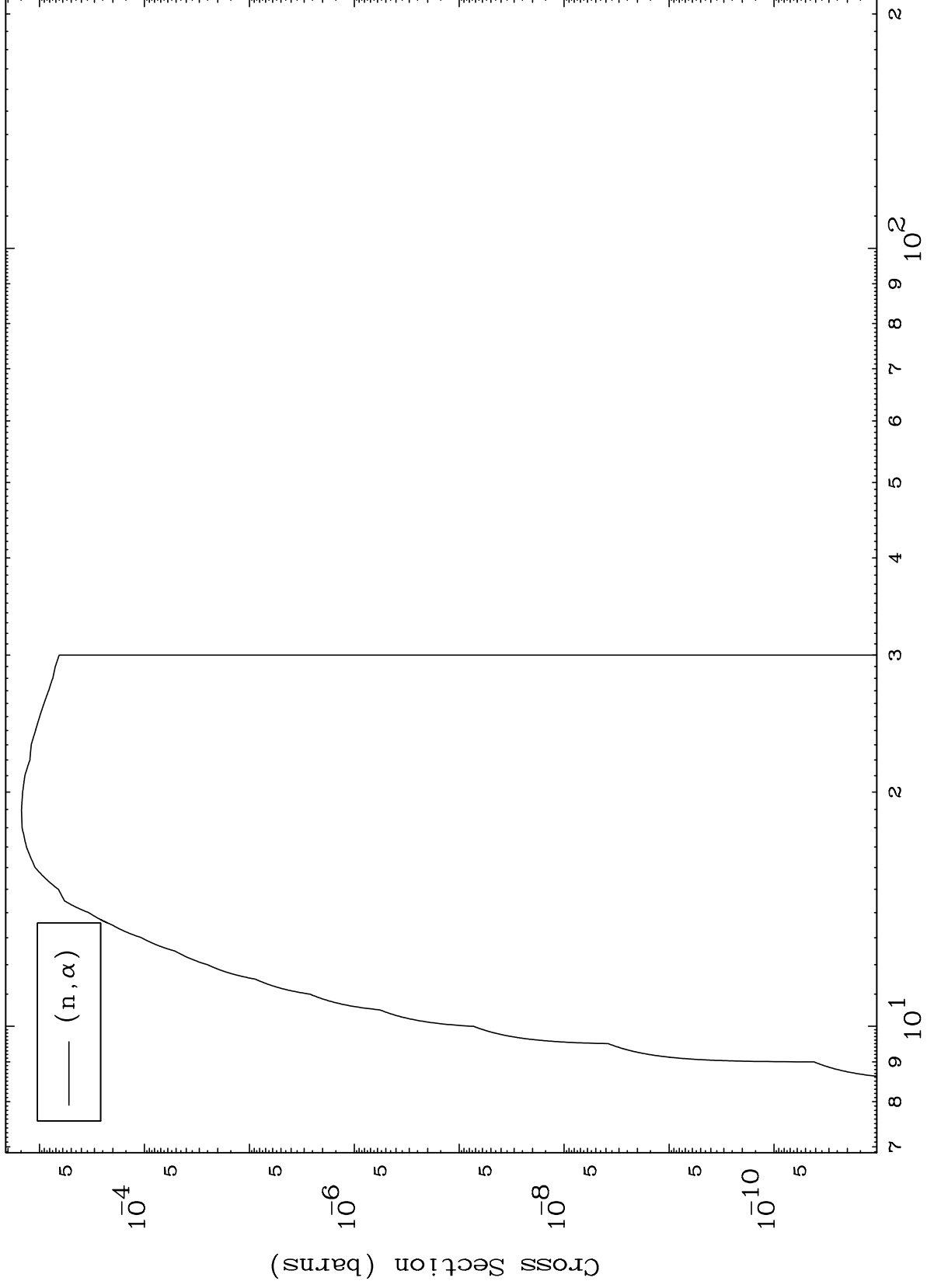
17-Cl-41



MAT 1743

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

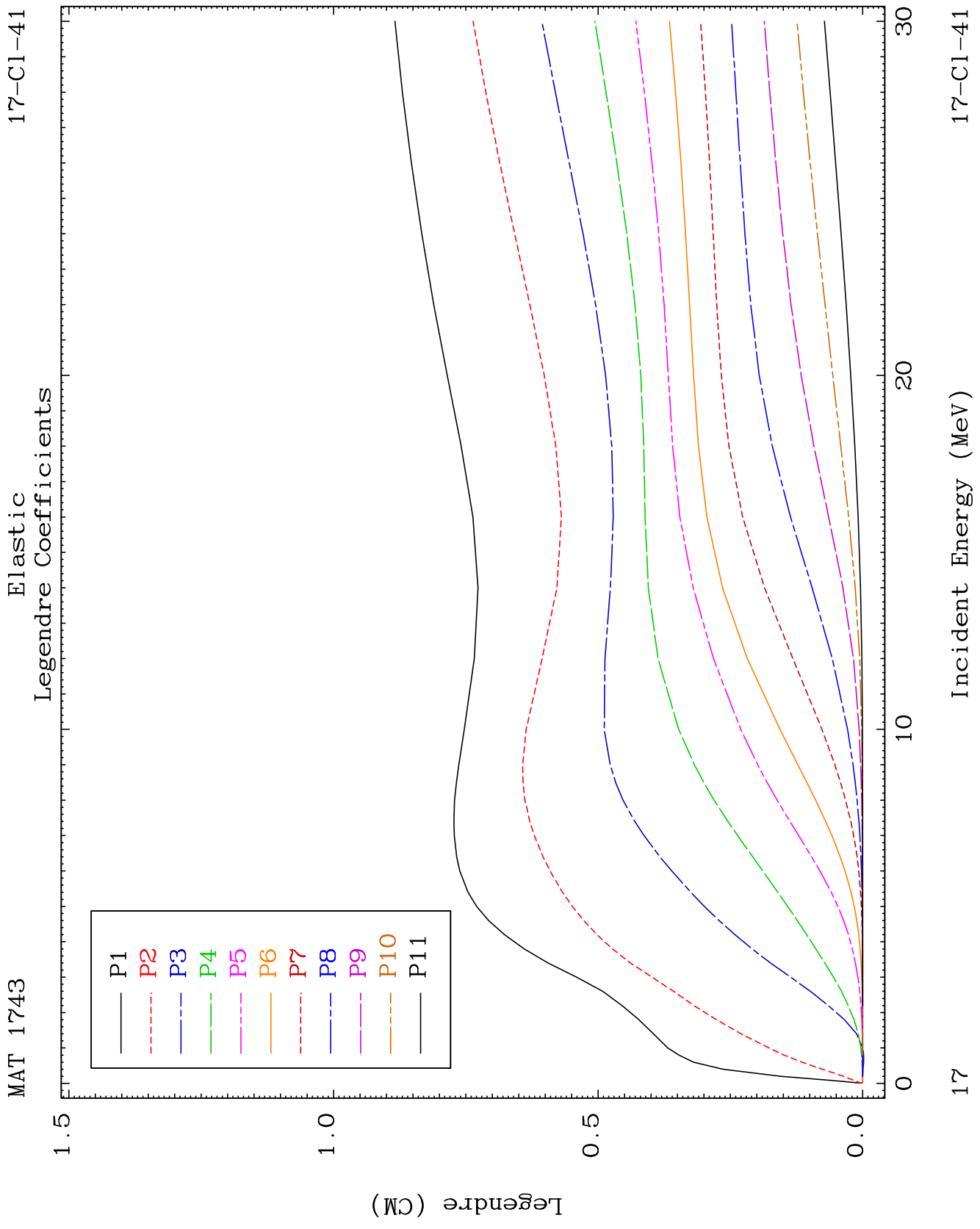
17-Cl-41



16

Incident Energy (MeV)

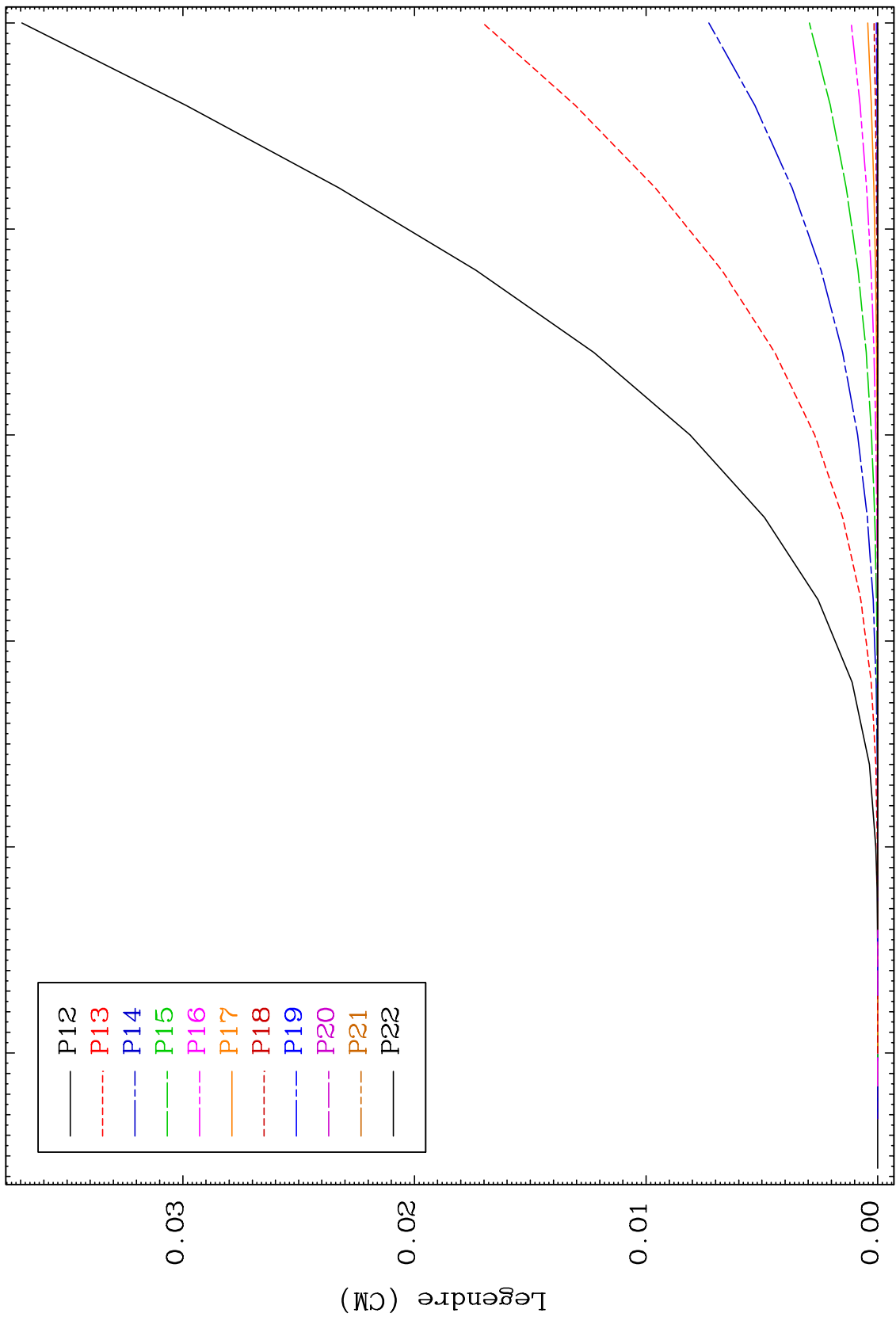
17-Cl-41



MAT 1743

Elastic  
Legendre Coefficients

17-Cl-41



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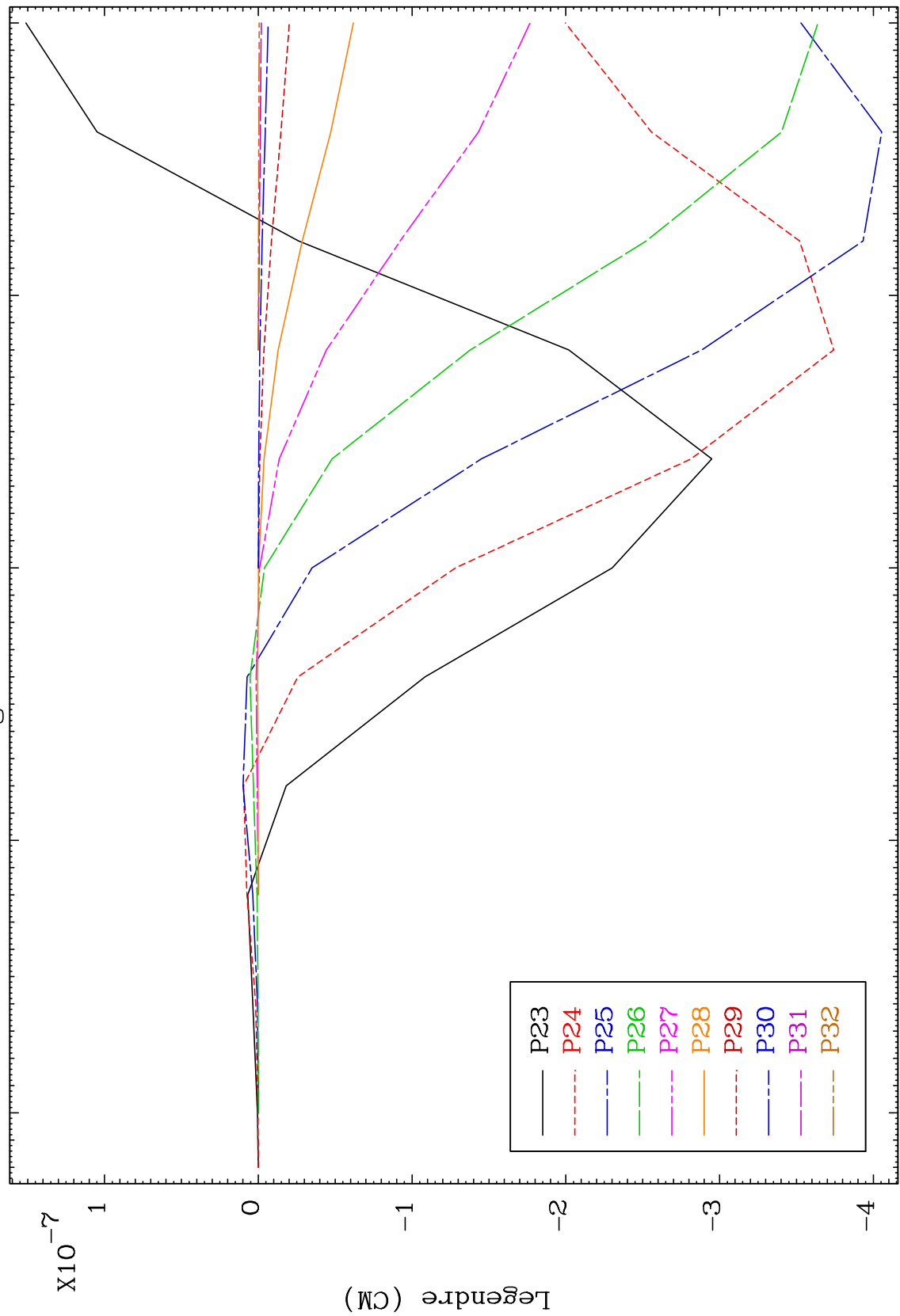
Incident Energy (MeV)

17-Cl-41

MAT 1743

Elastic Legendre Coefficients

17-Cl-41



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Incident Energy (MeV)

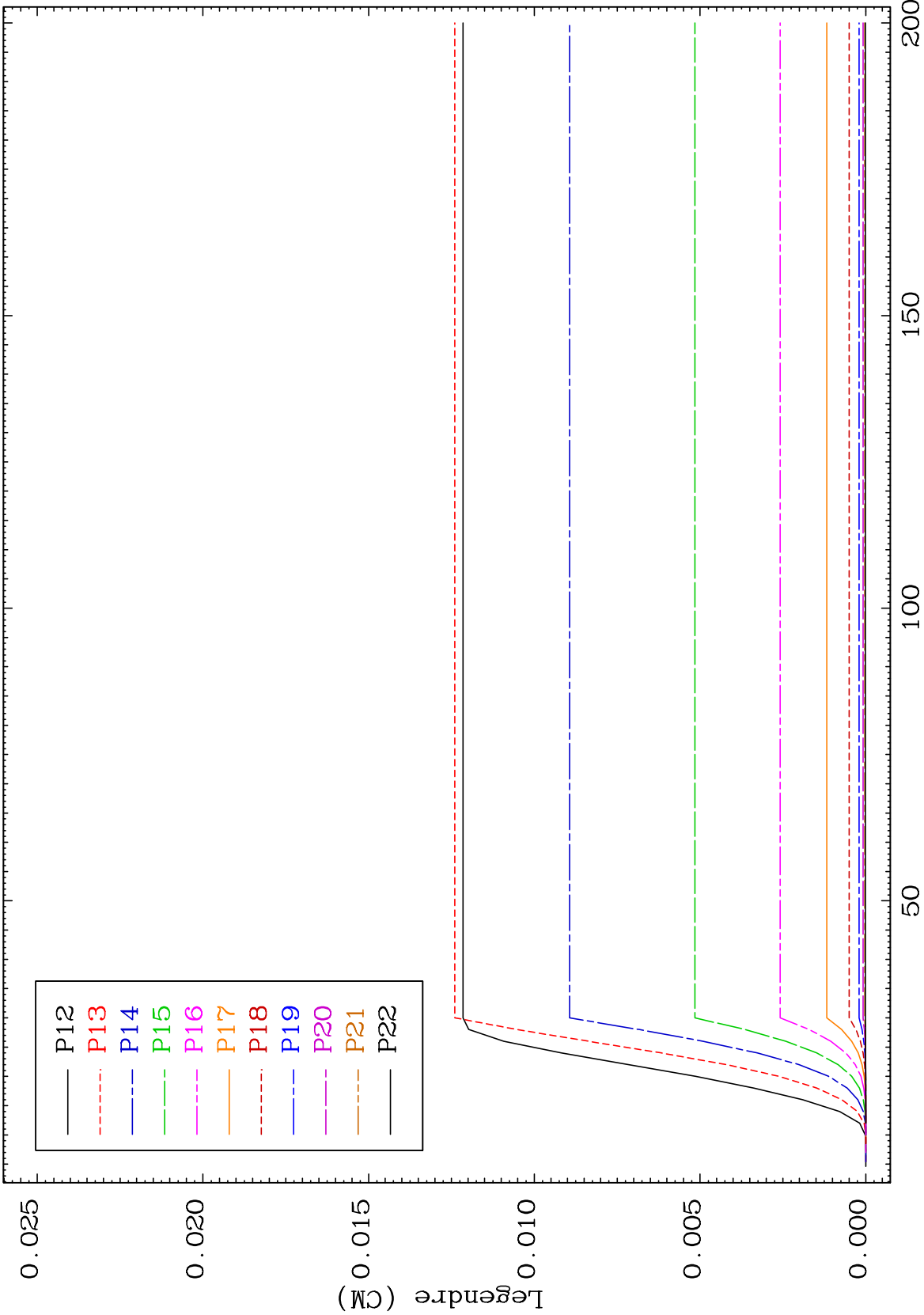
17-Cl-41



MAT 1743

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

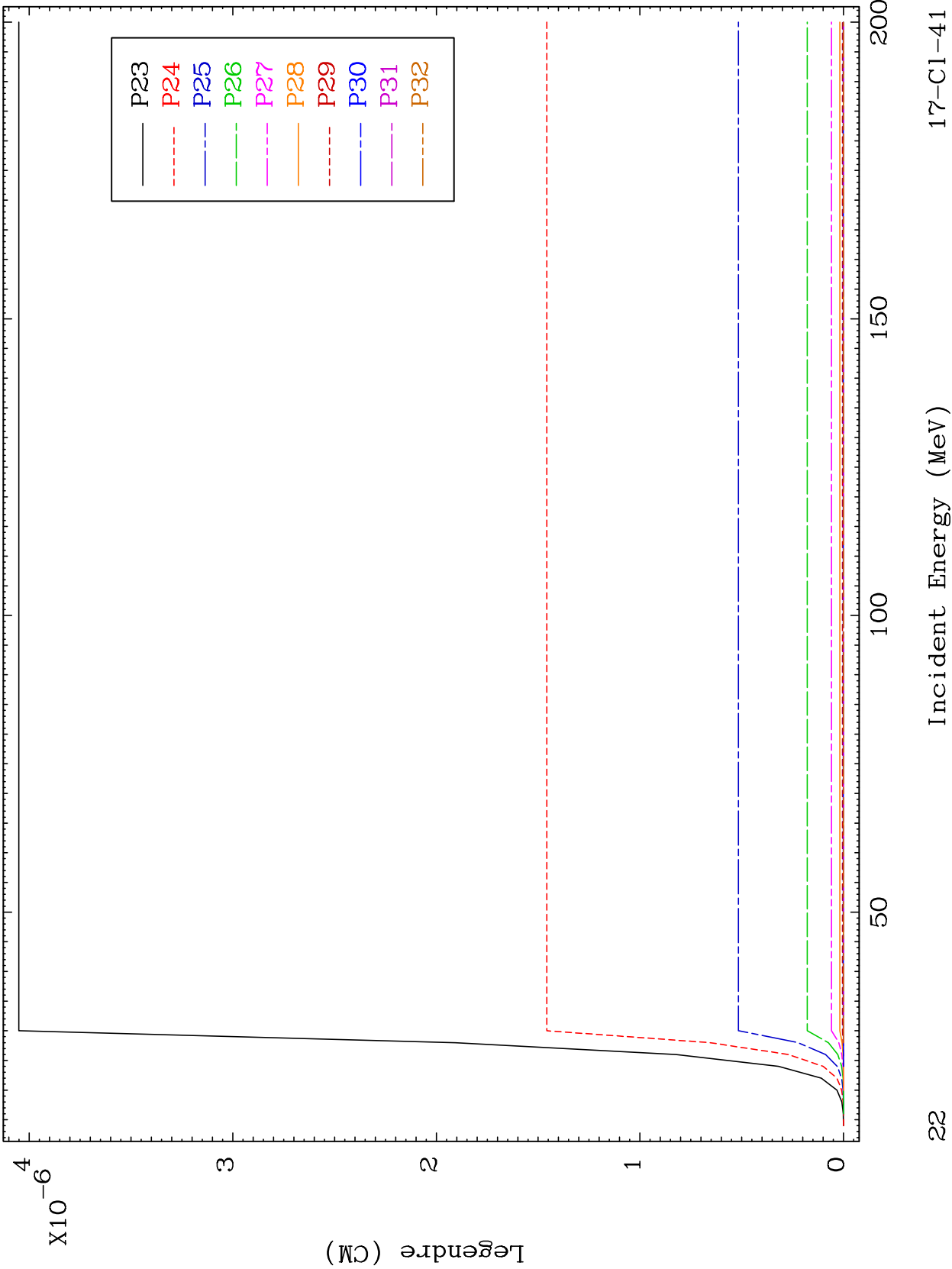
17-Cl-41



MAT 1743

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

17-Cl-41



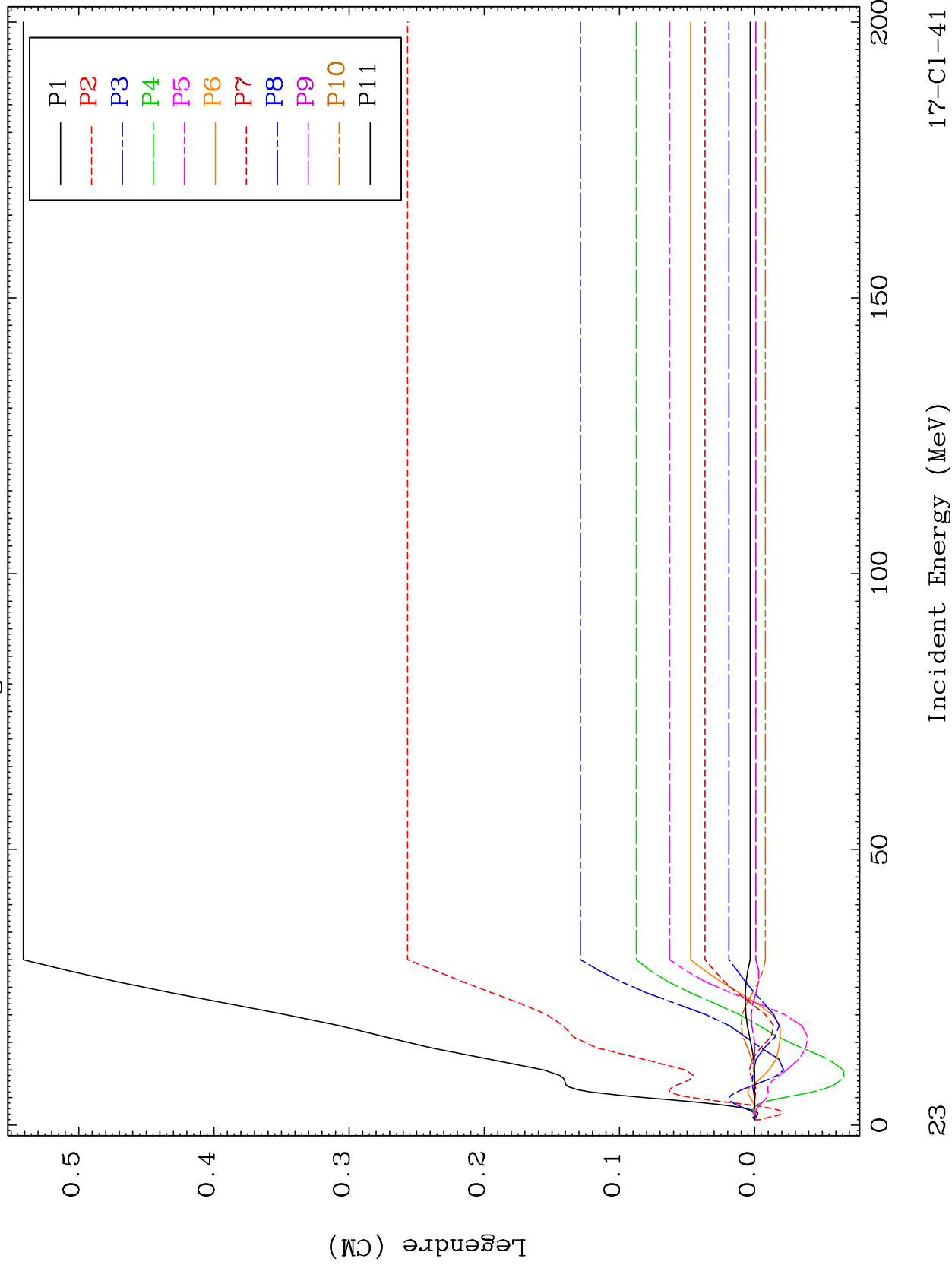
22

17-Cl-41

MAT 1743

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

17-Cl-41



17-Cl-41

Incident Energy (MeV)

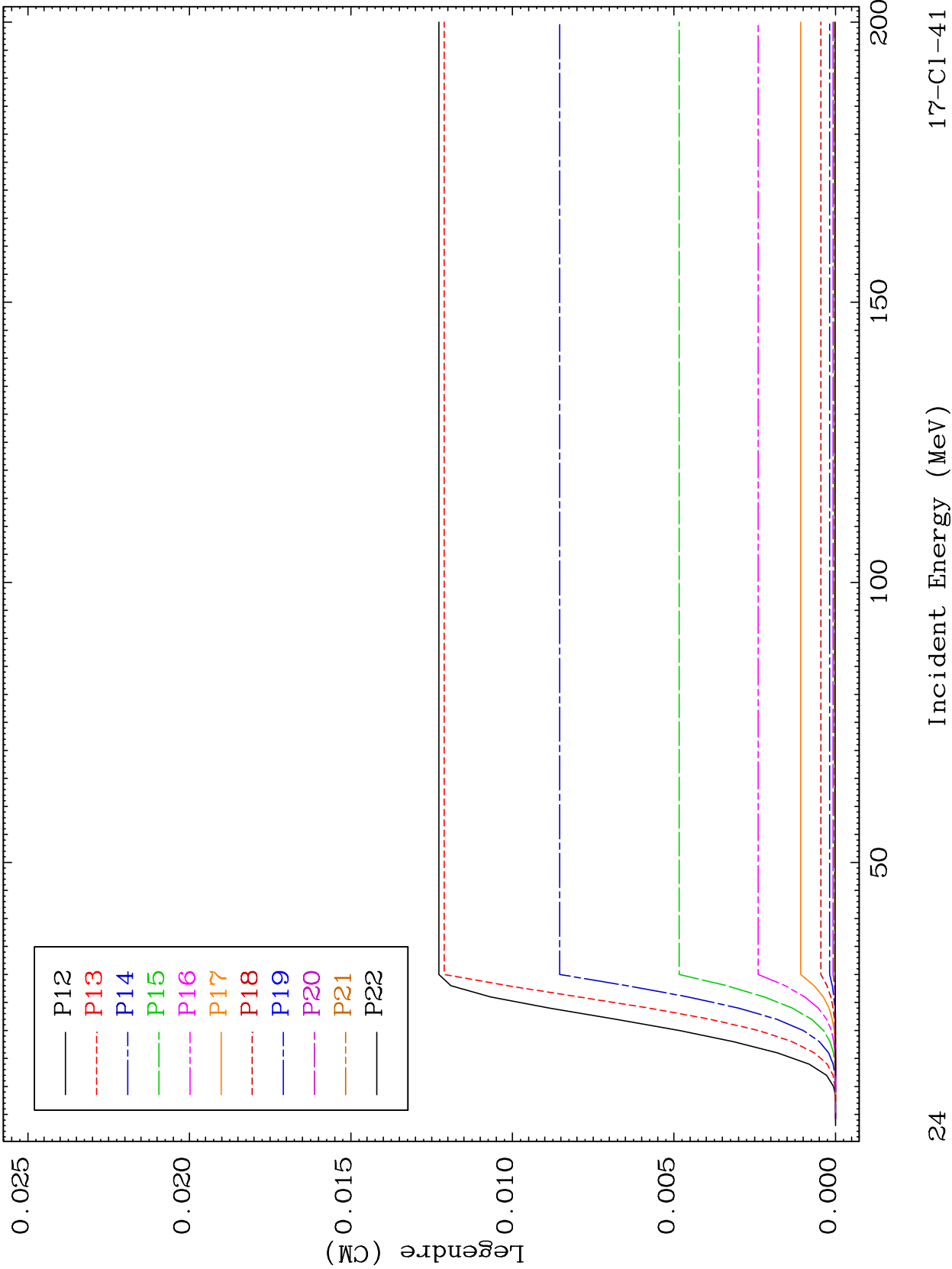
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MAT 1743

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

17-Cl-41

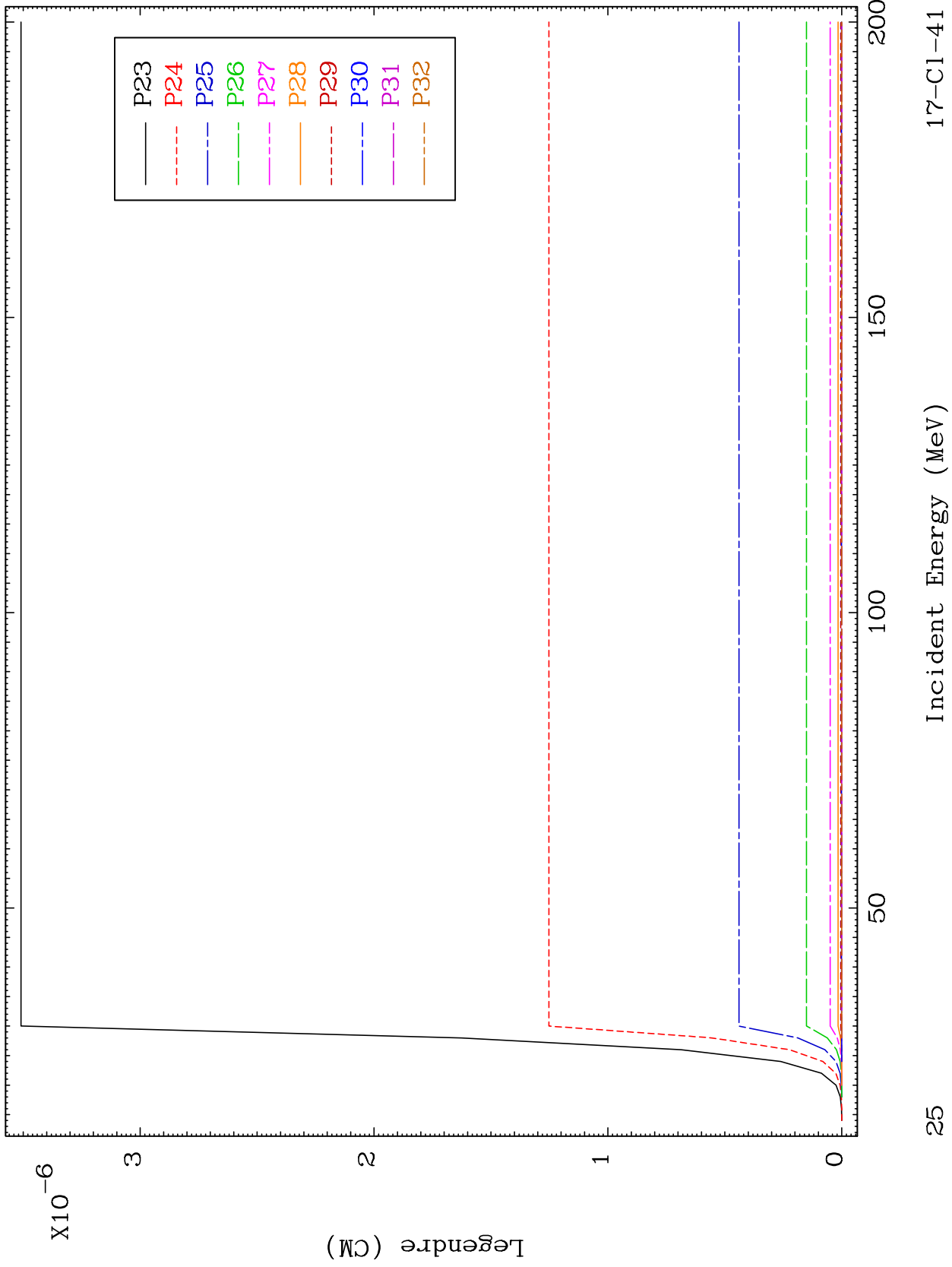


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MAT 1743

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

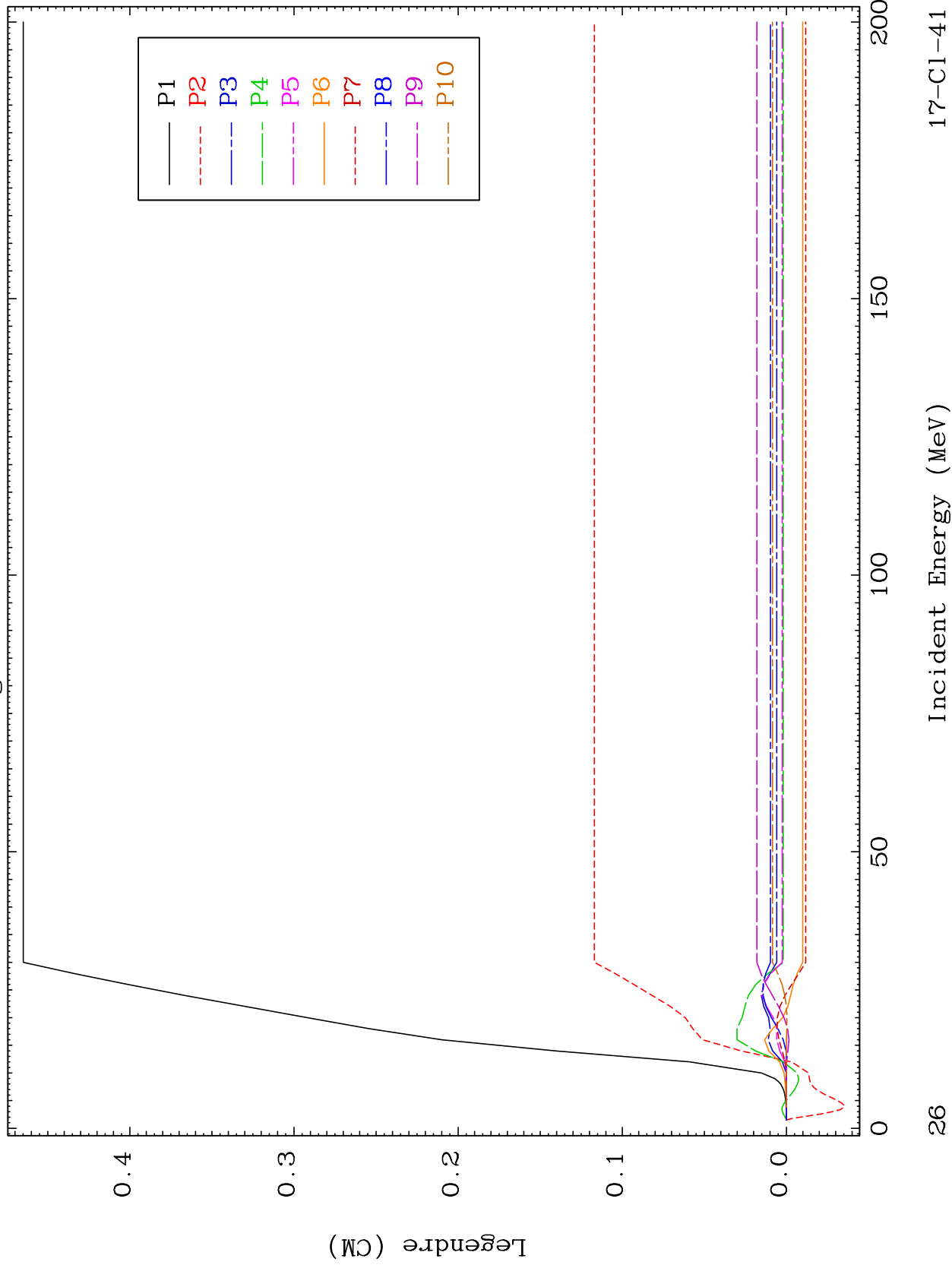
17-Cl-41



MAT 1743

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

17-Cl-41



17-Cl-41

Incident Energy (MeV)

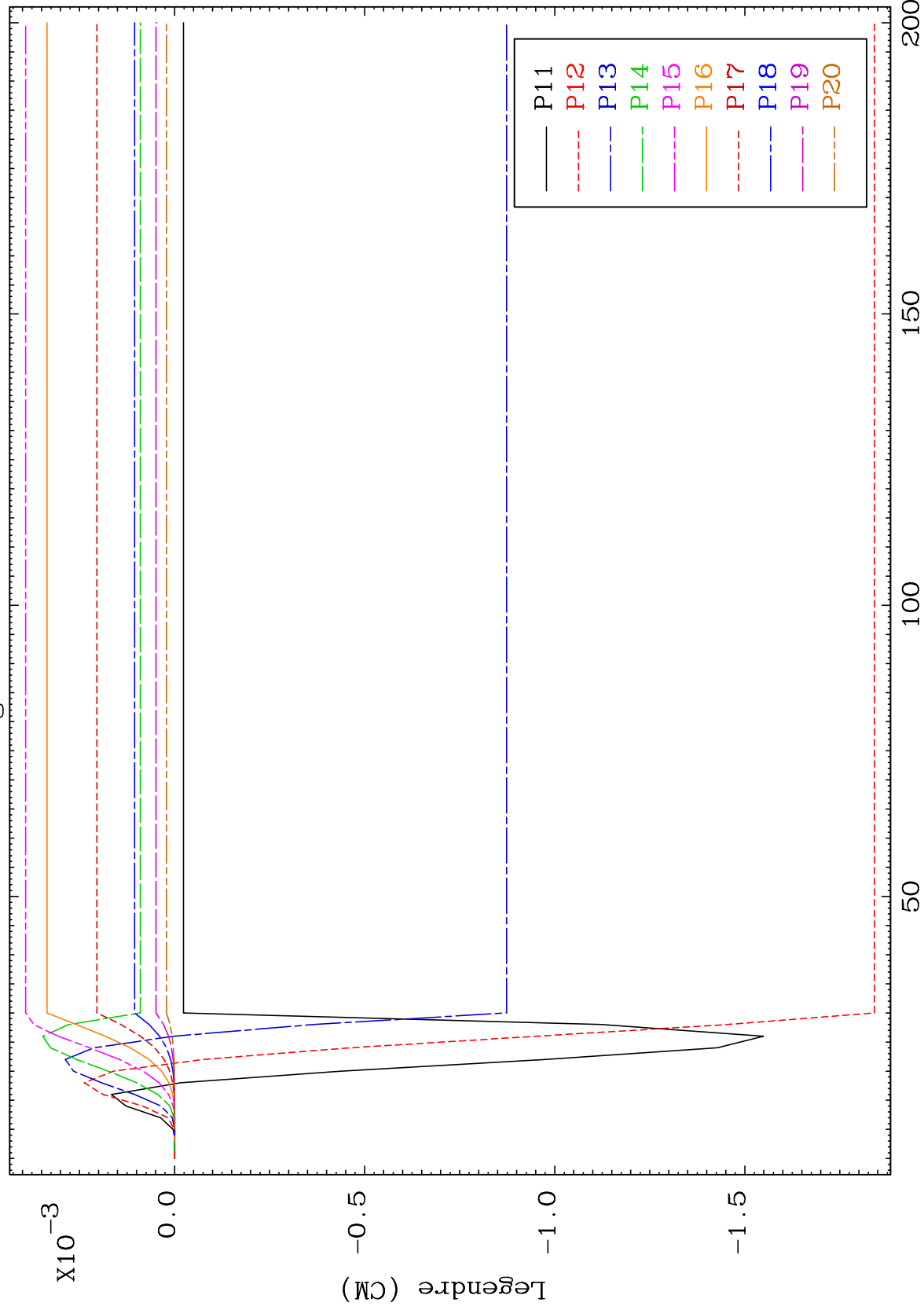
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MAT 1743

MT= 53 (n,n') Level

17-Cl-41

Legendre Coefficients

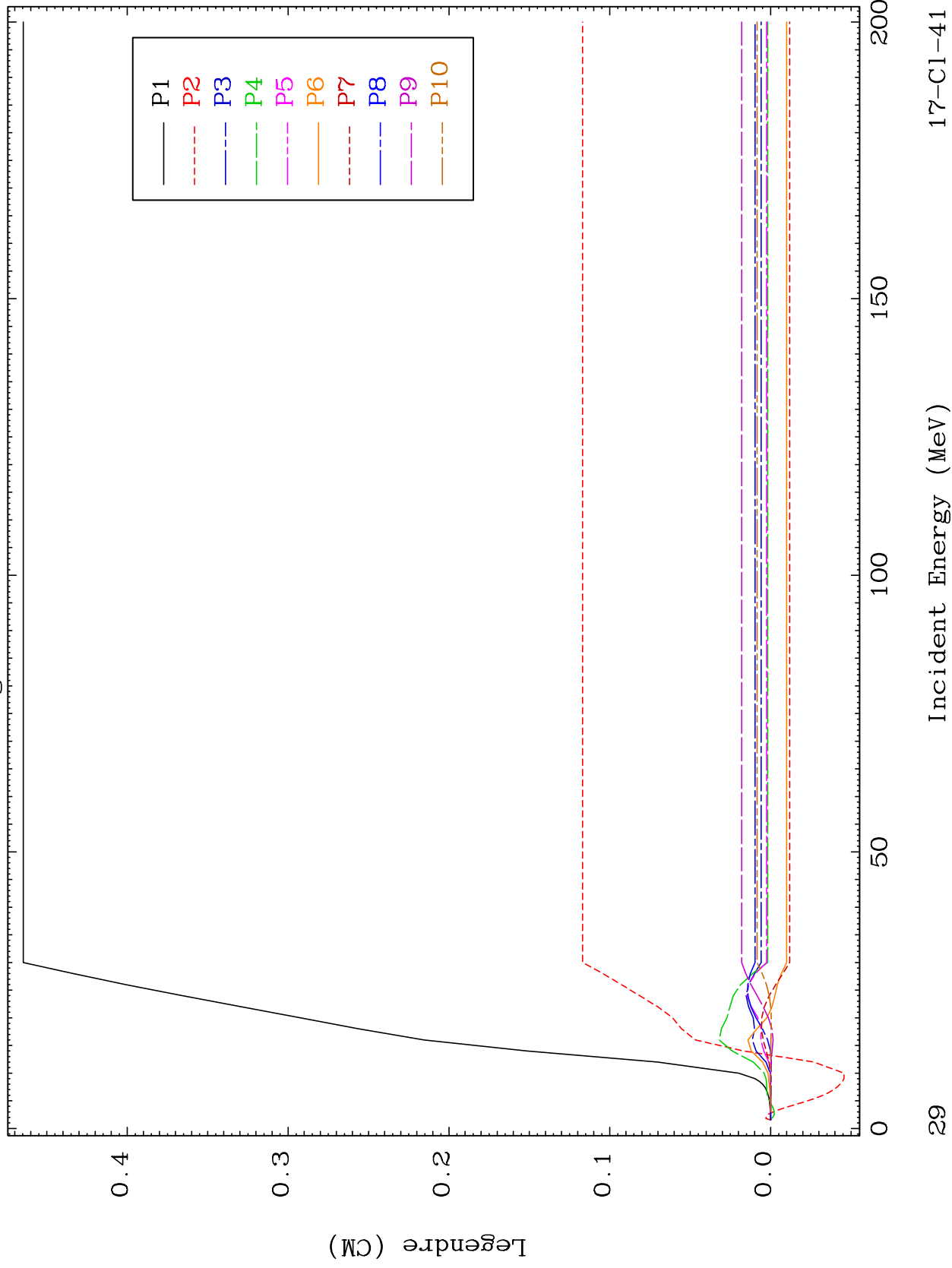




MAT 1743

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

17-Cl-41



17-Cl-41

Incident Energy (MeV)

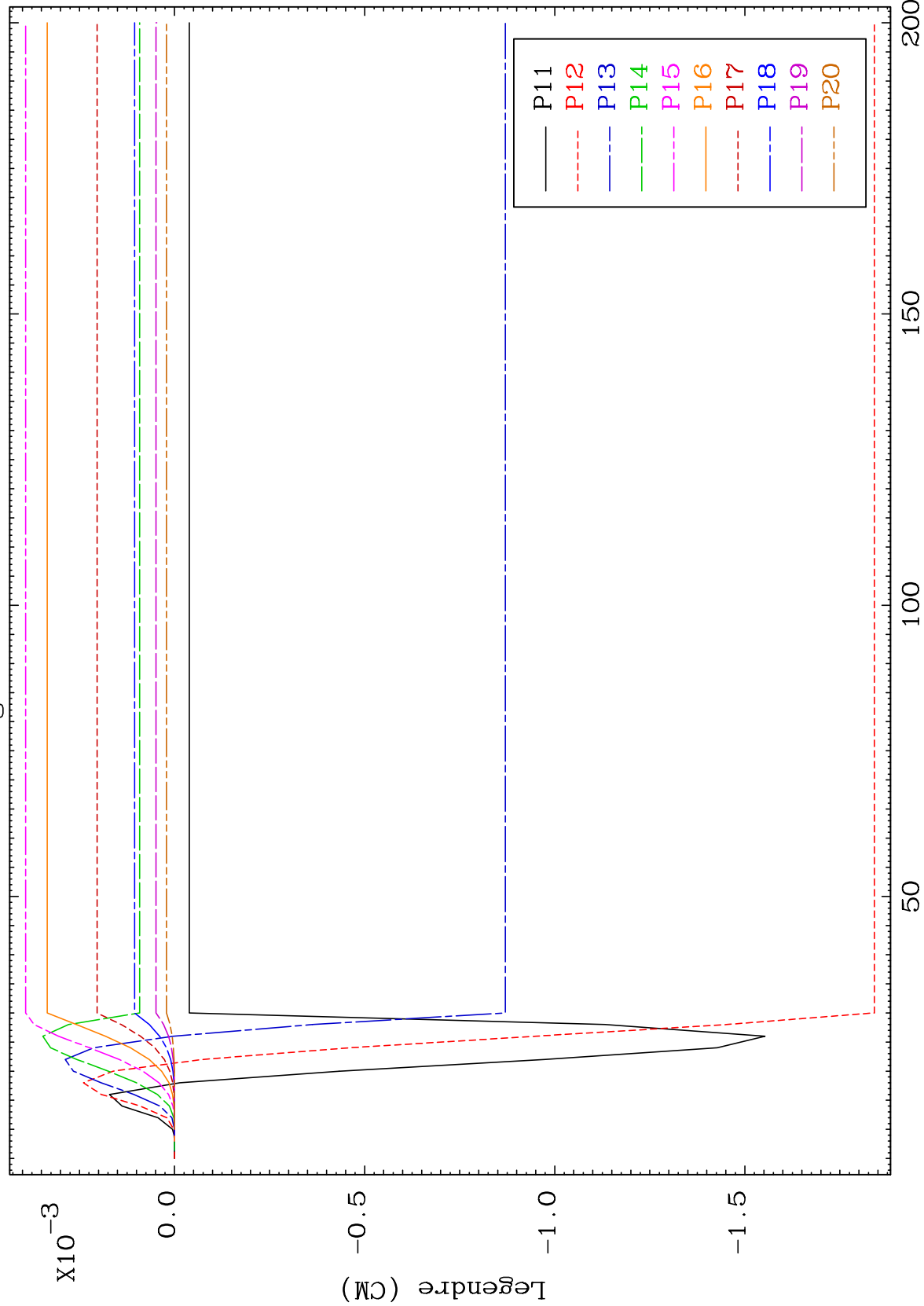
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MAT 1743

MT= 54 (n,n') Level

17-Cl-41

Legendre Coefficients



30

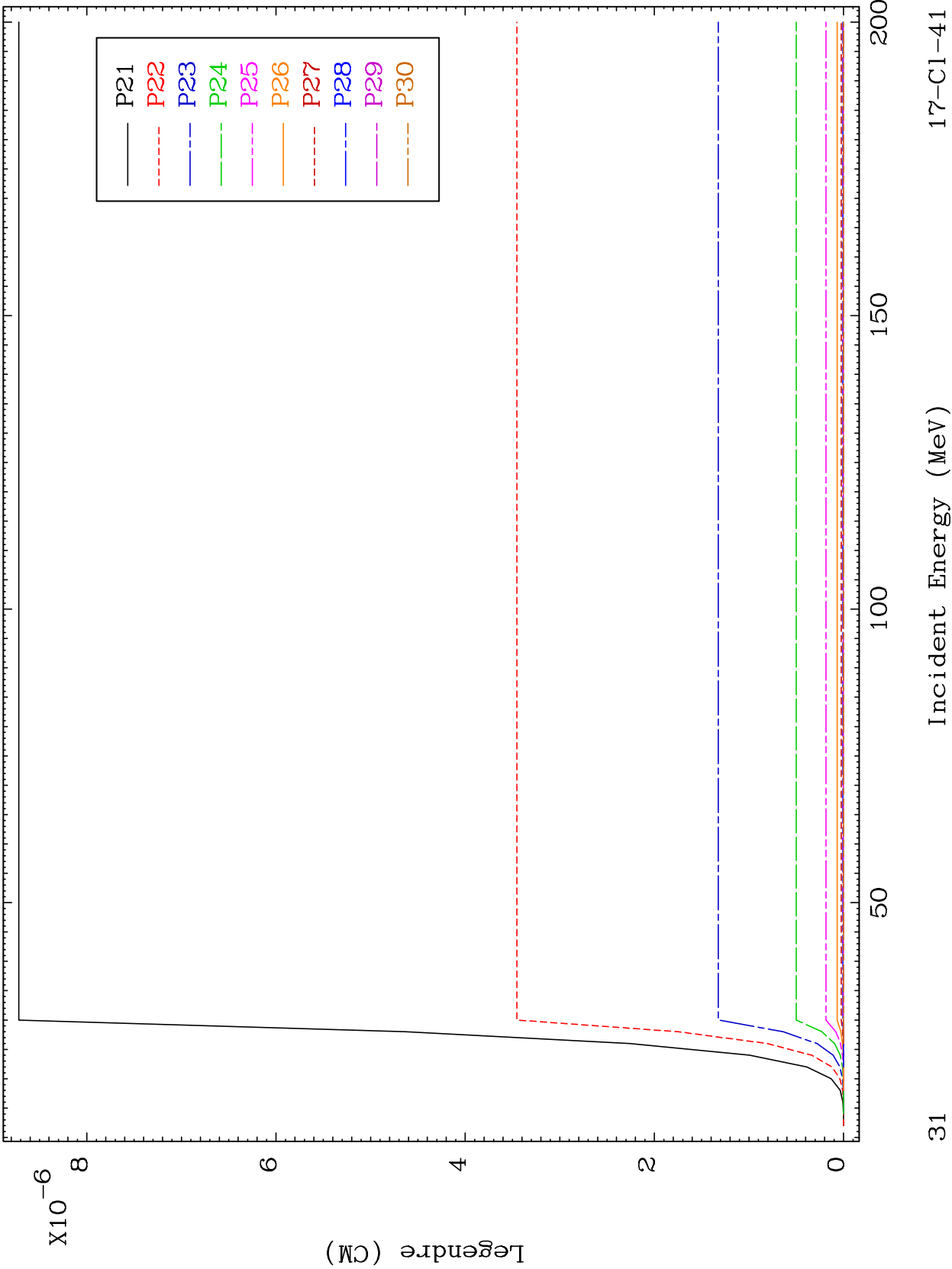
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



31

Incident Energy (MeV)

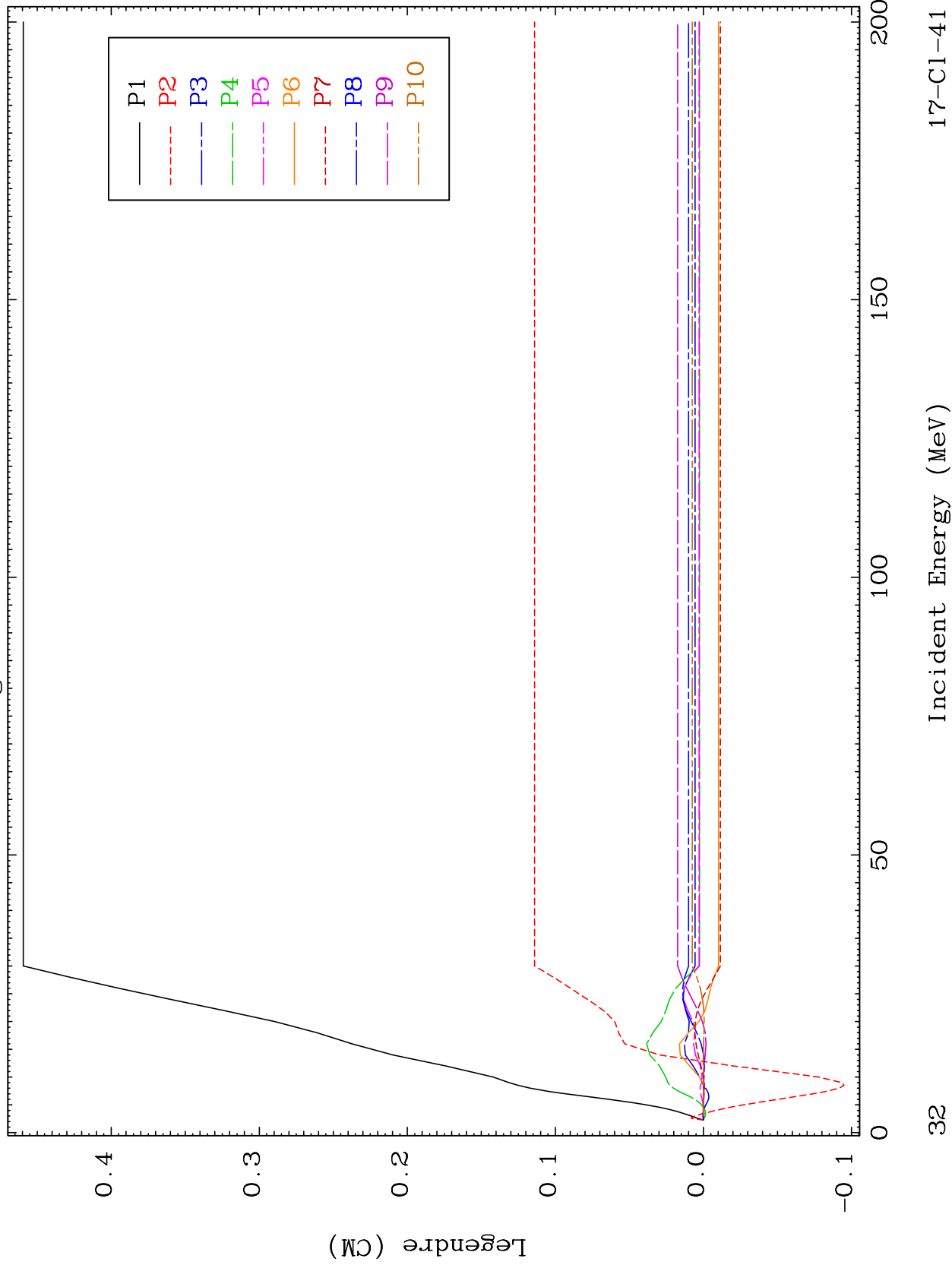
17-Cl-41



MAT 1743

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

17-Cl-41



32

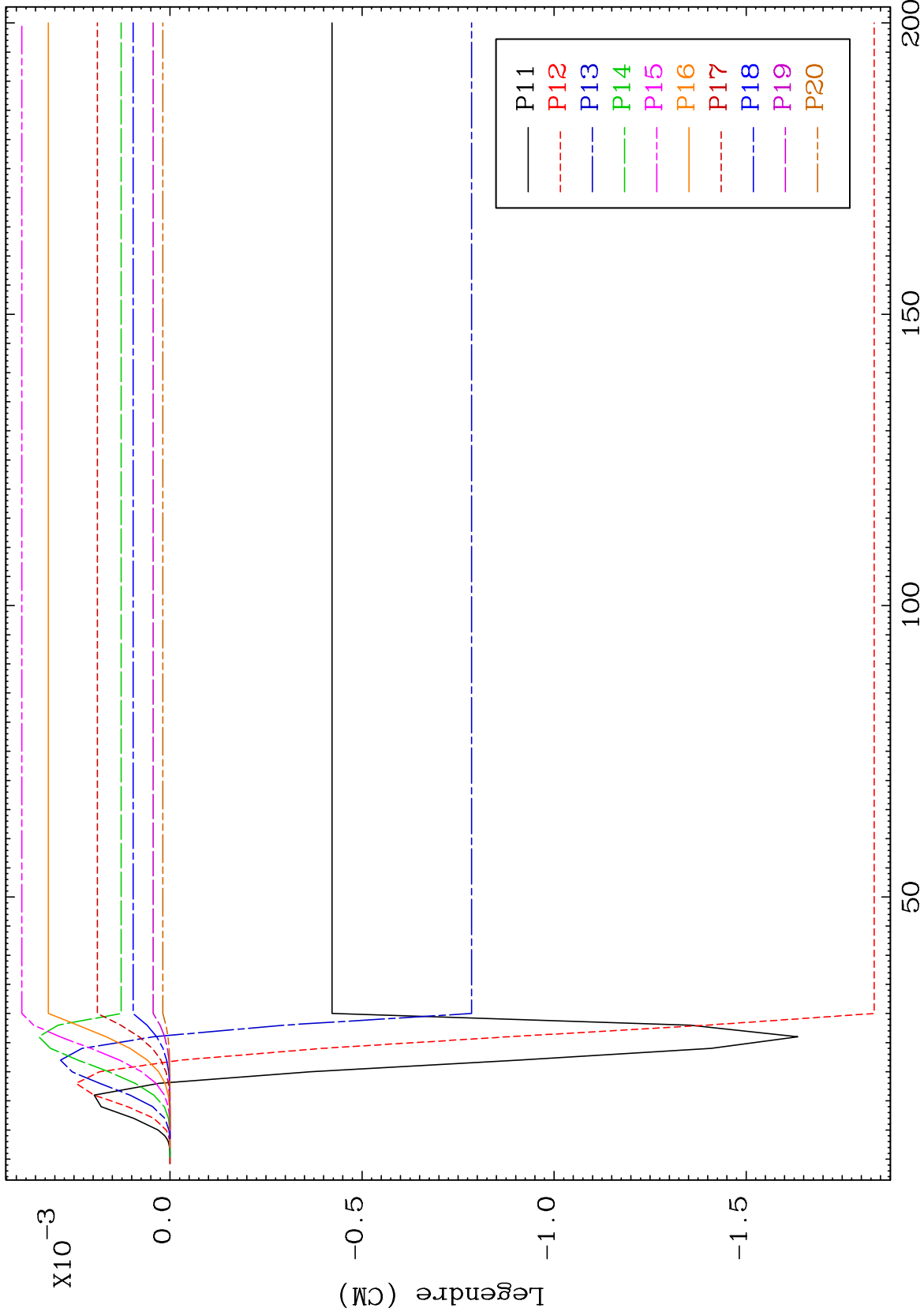
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



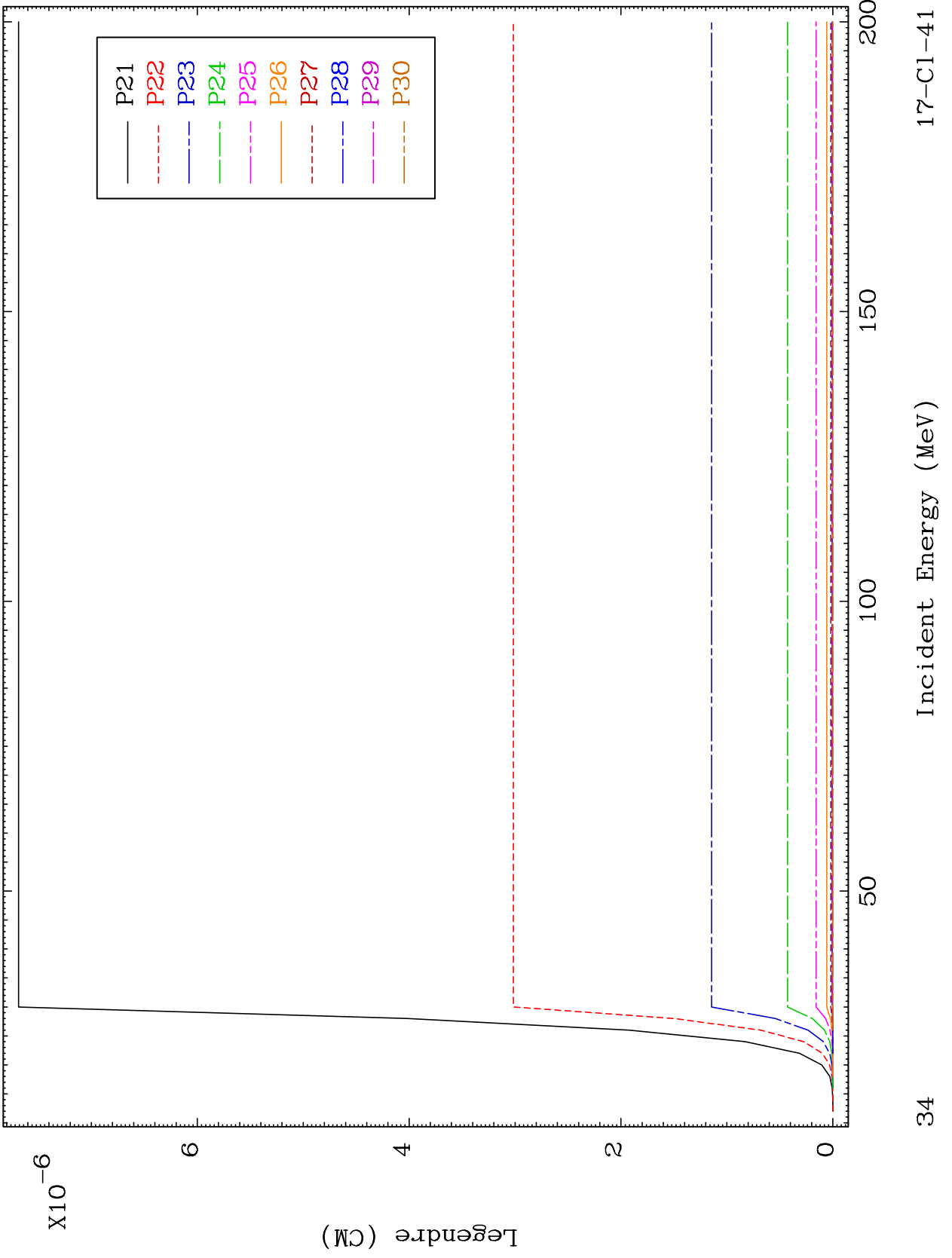
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17-Cl-41

MAT 1743

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

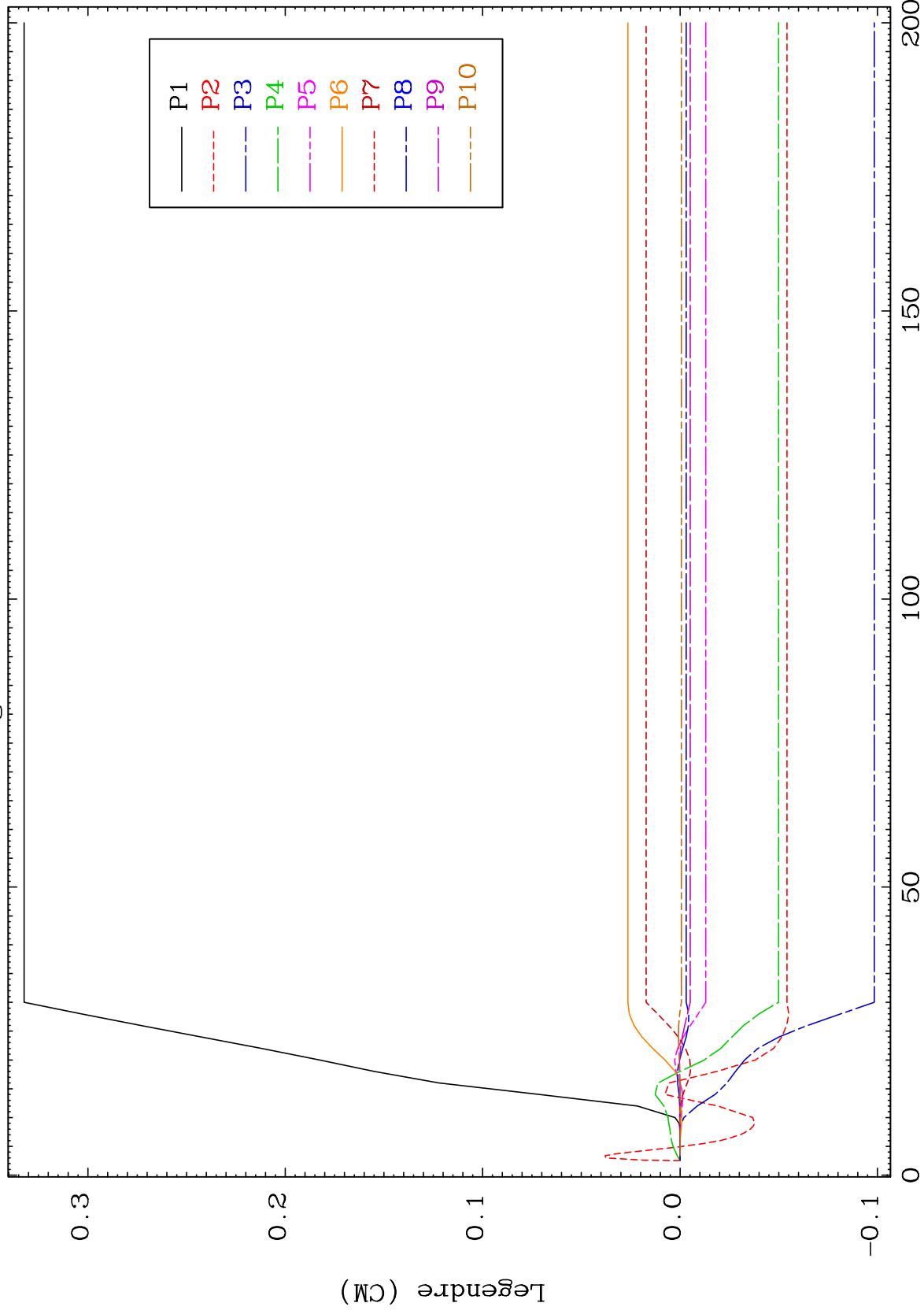
17-Cl-41



MAT 1743

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

17-Cl-41



17-Cl-41

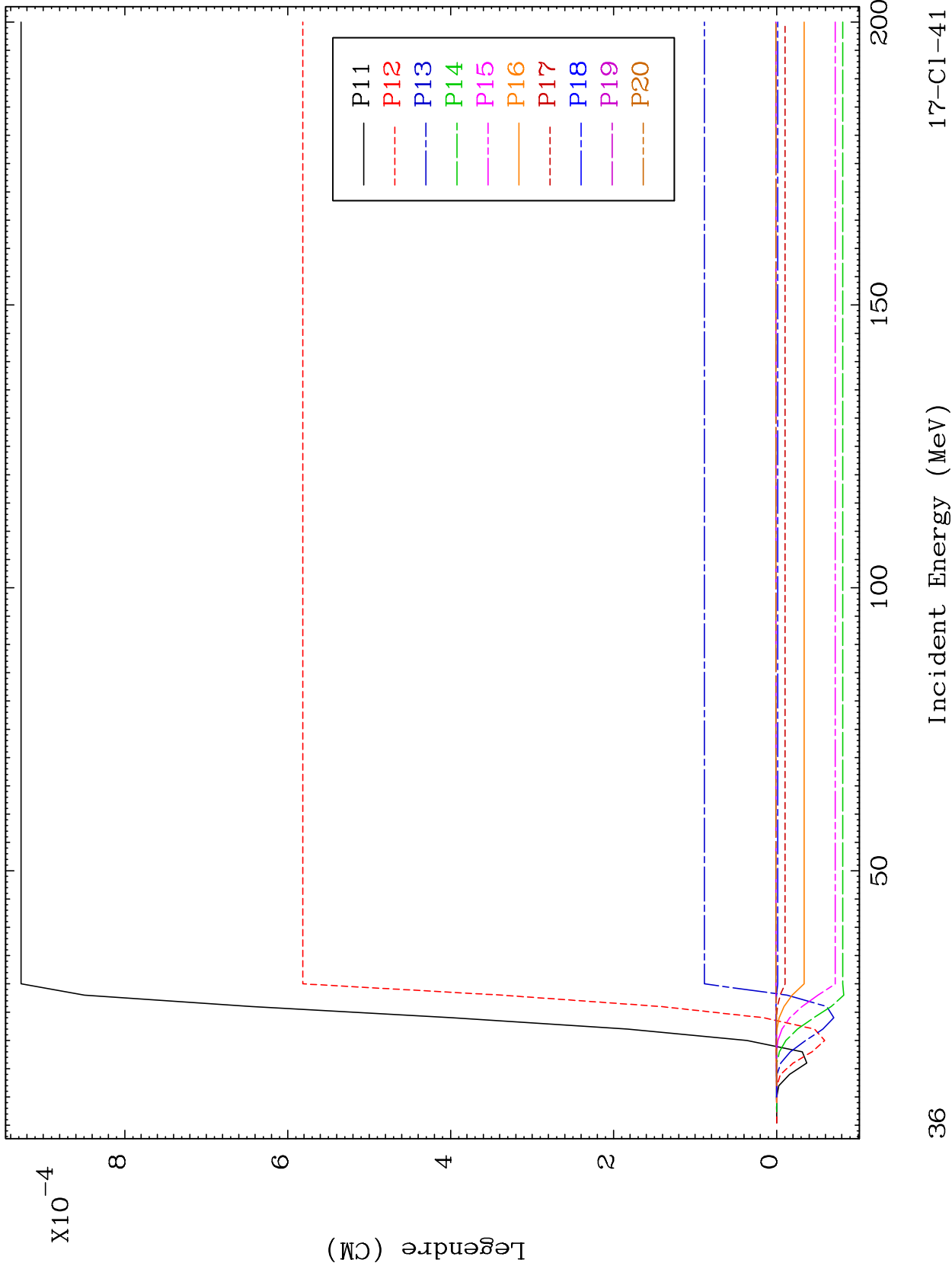
Incident Energy (MeV)

35

MAT 1743

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

17-Cl-41



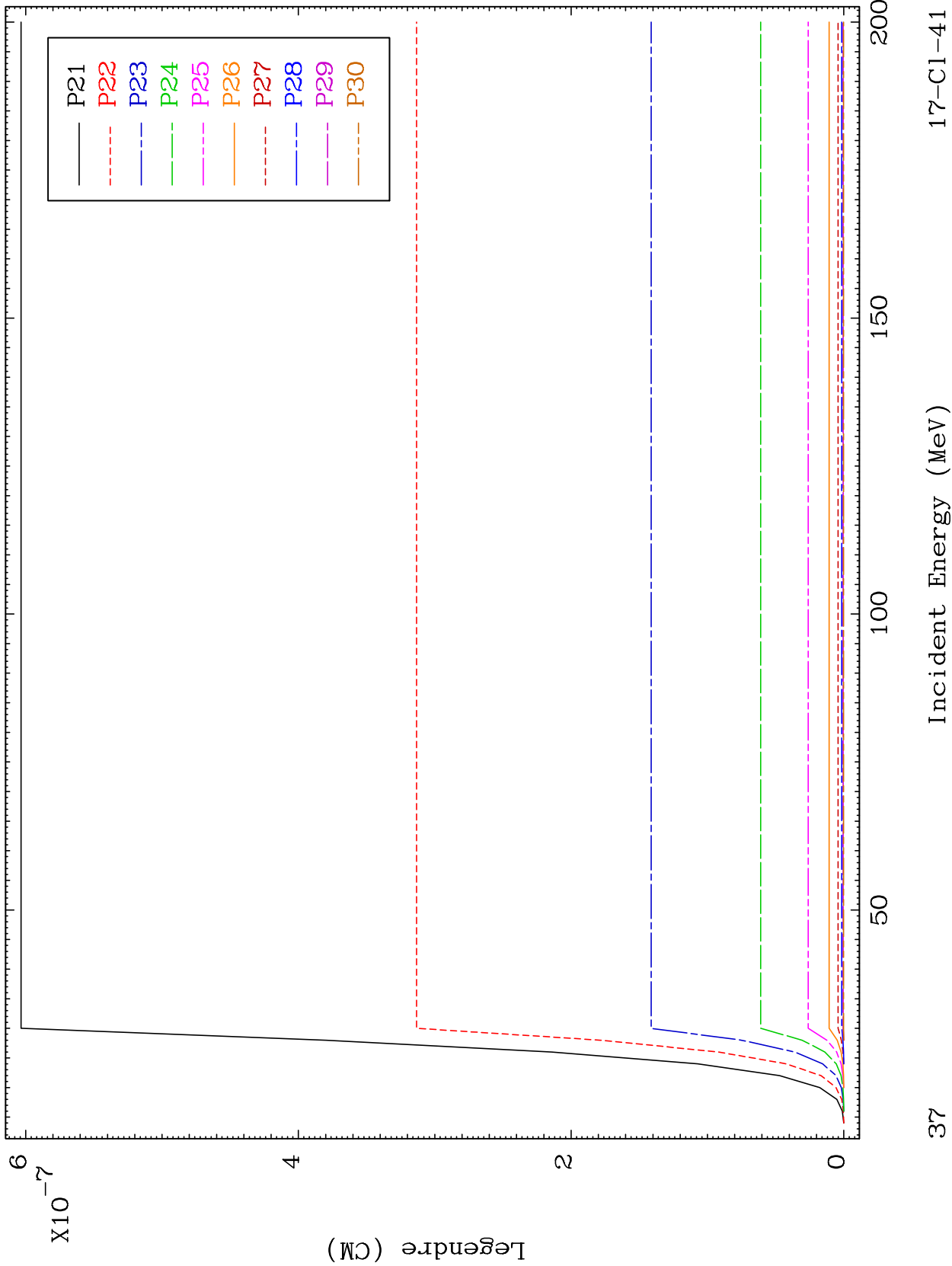
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17-Cl-41

MAT 1743

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

17-Cl-41



37

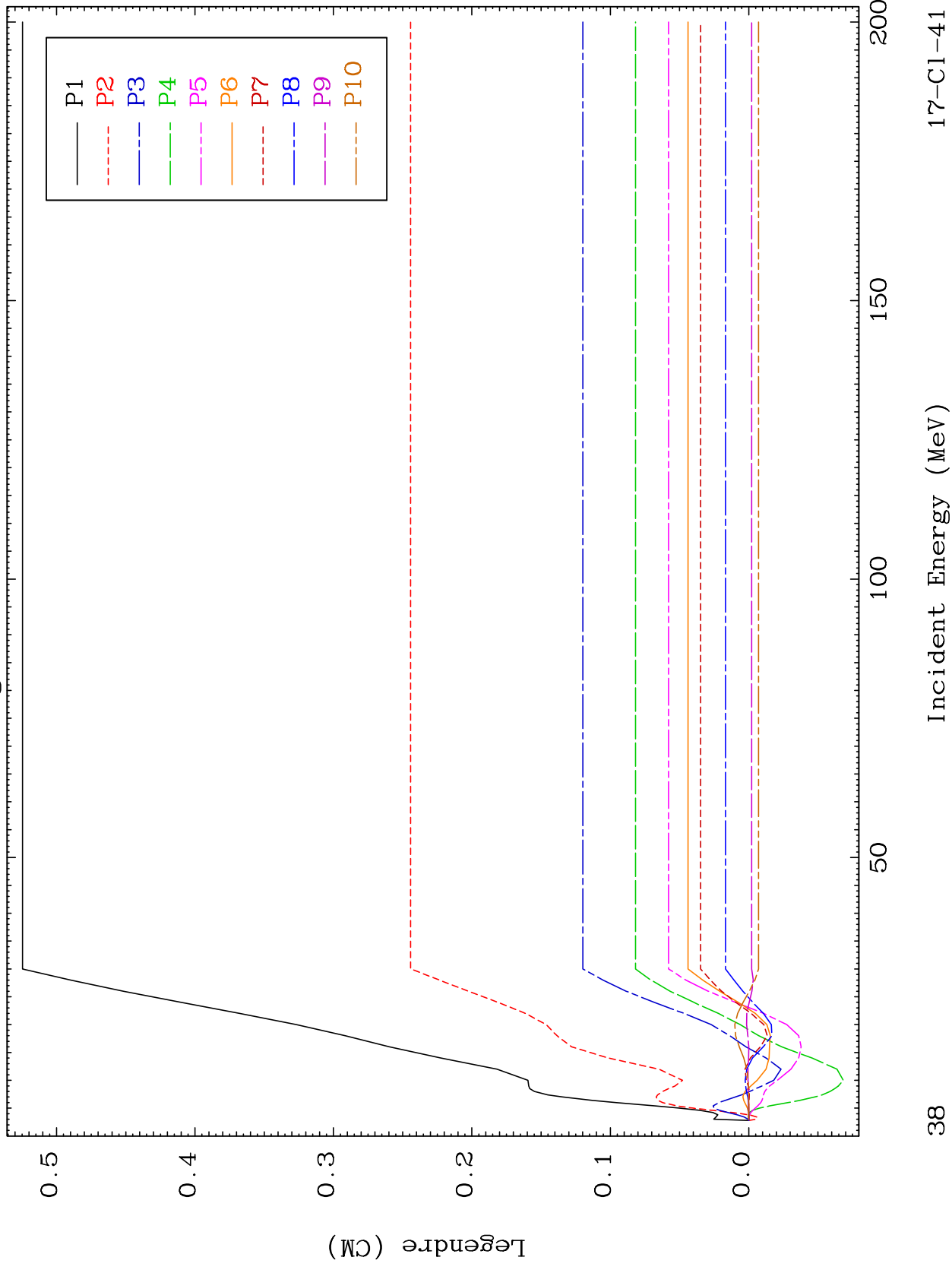
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

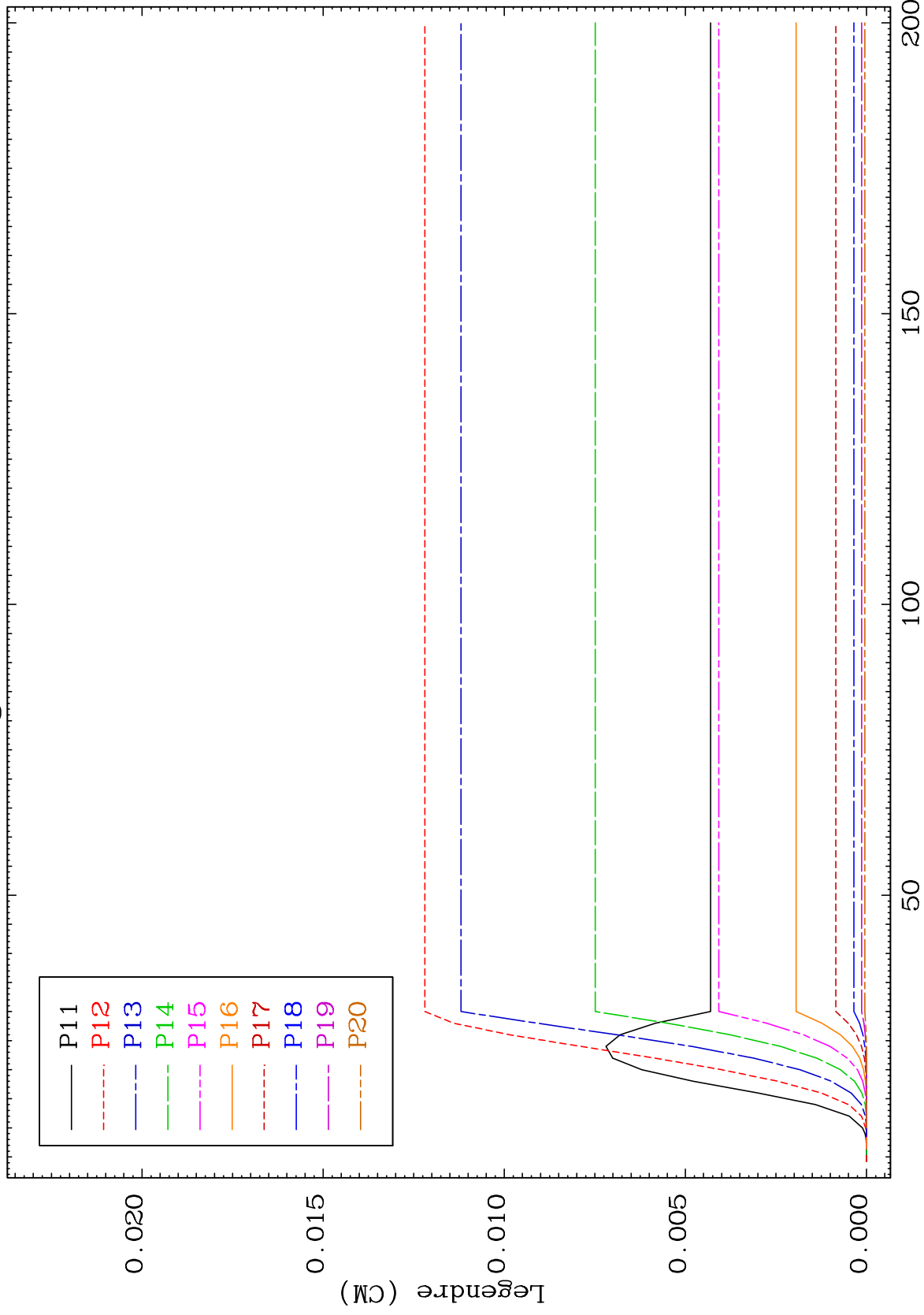


38

MAT 1743

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

17-Cl-41



39

Incident Energy (MeV)

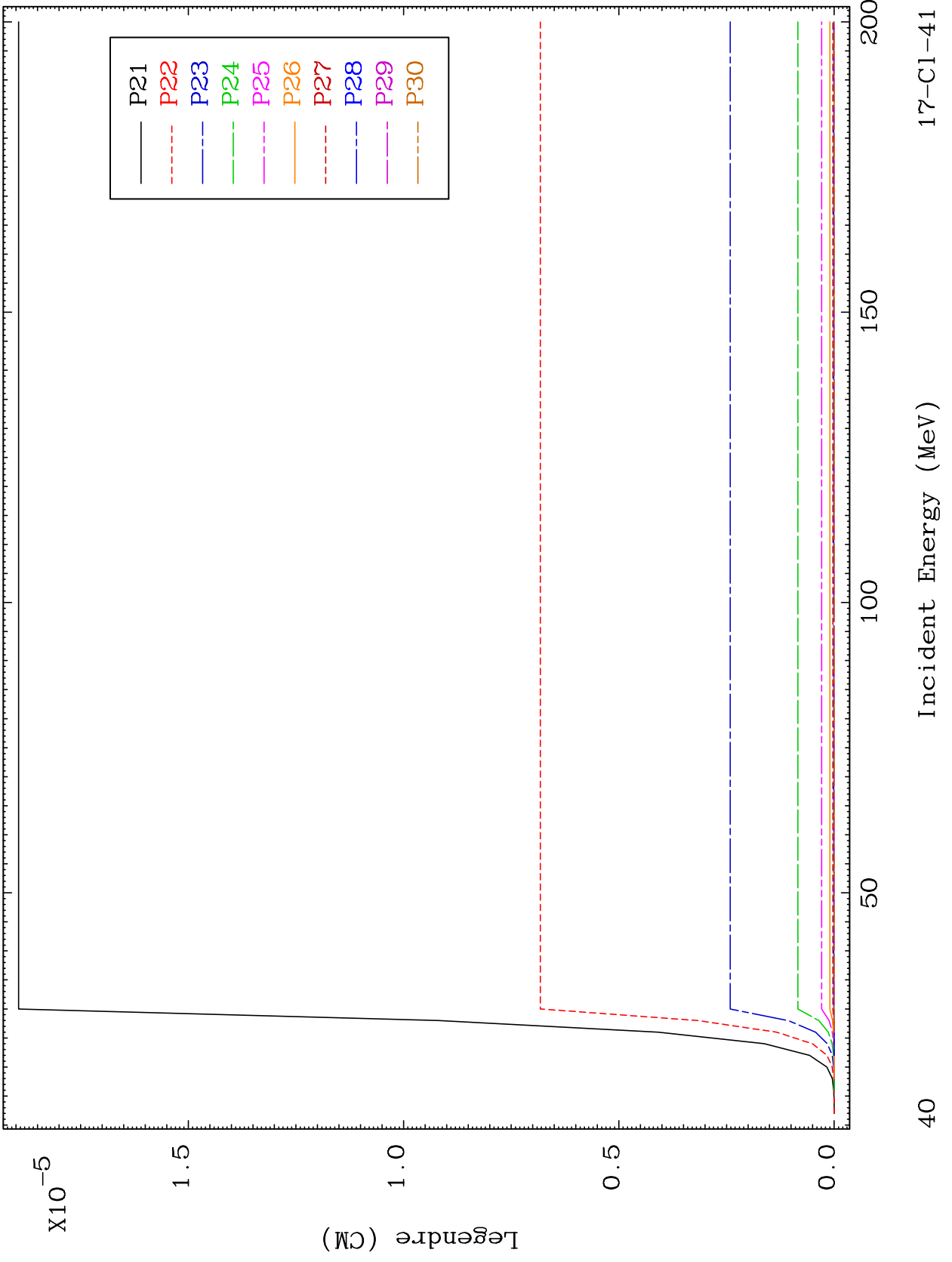
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MAT 1743

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

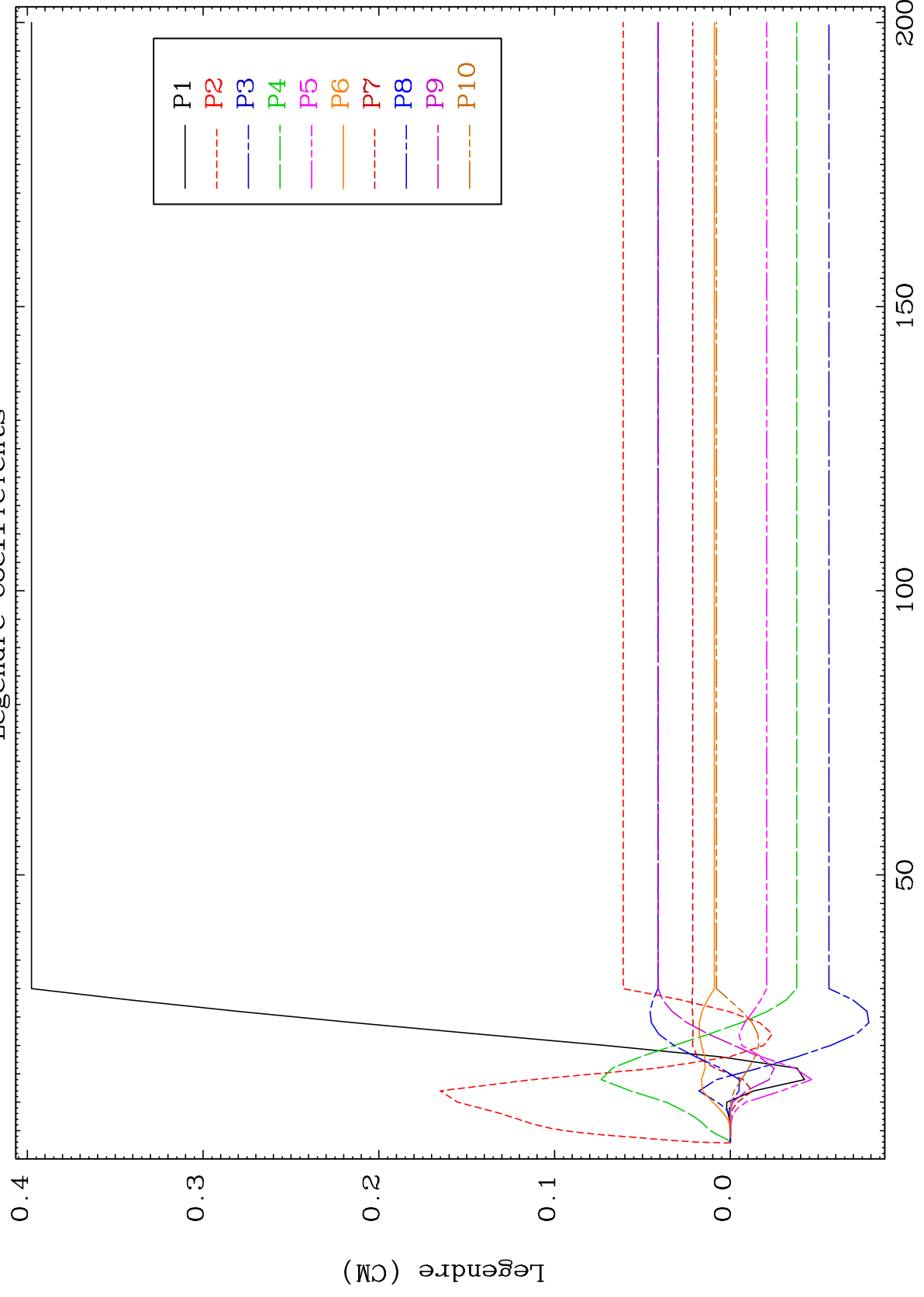
17-Cl-41



MAT 1743

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

17-Cl-41



41

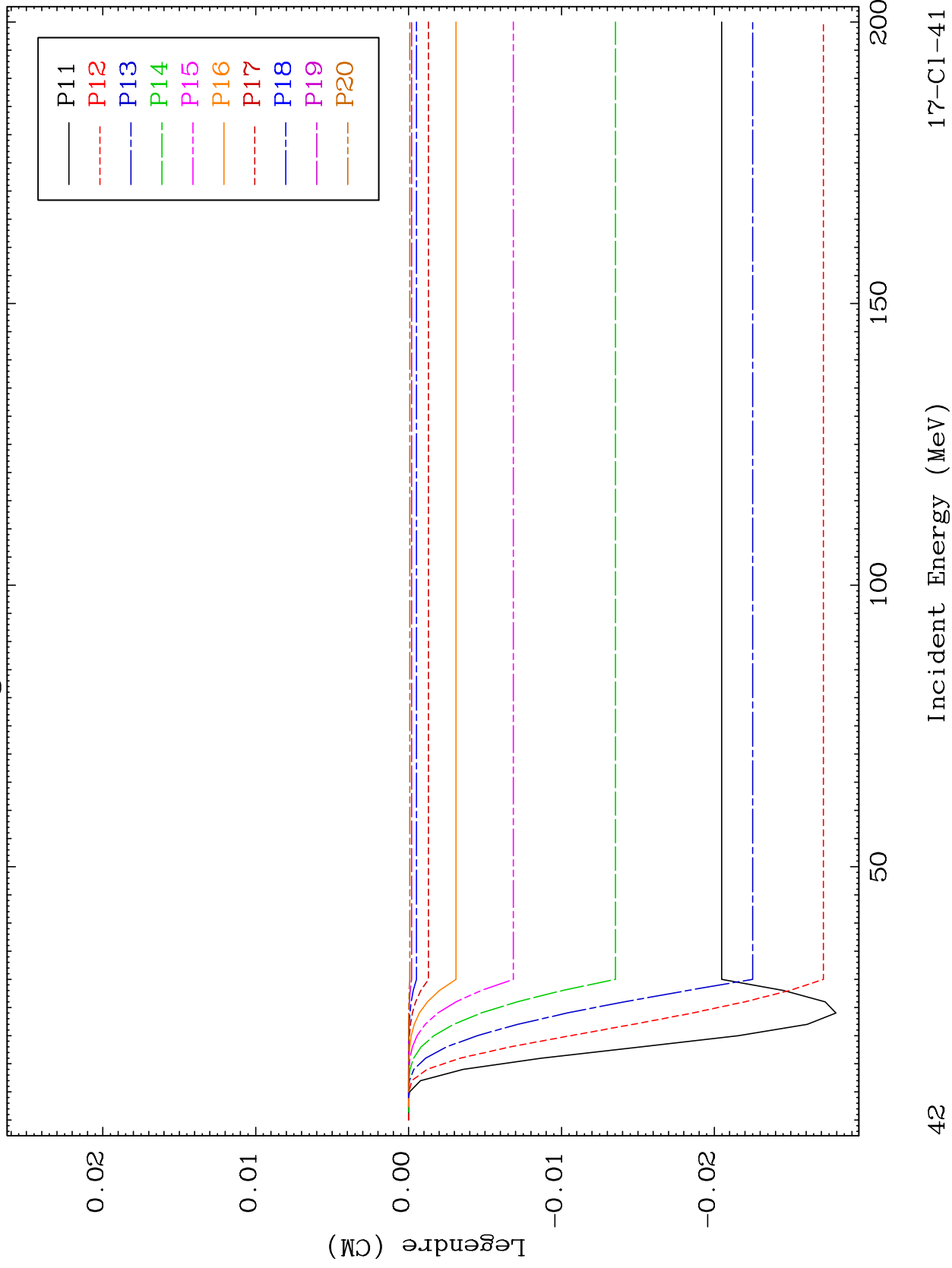
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

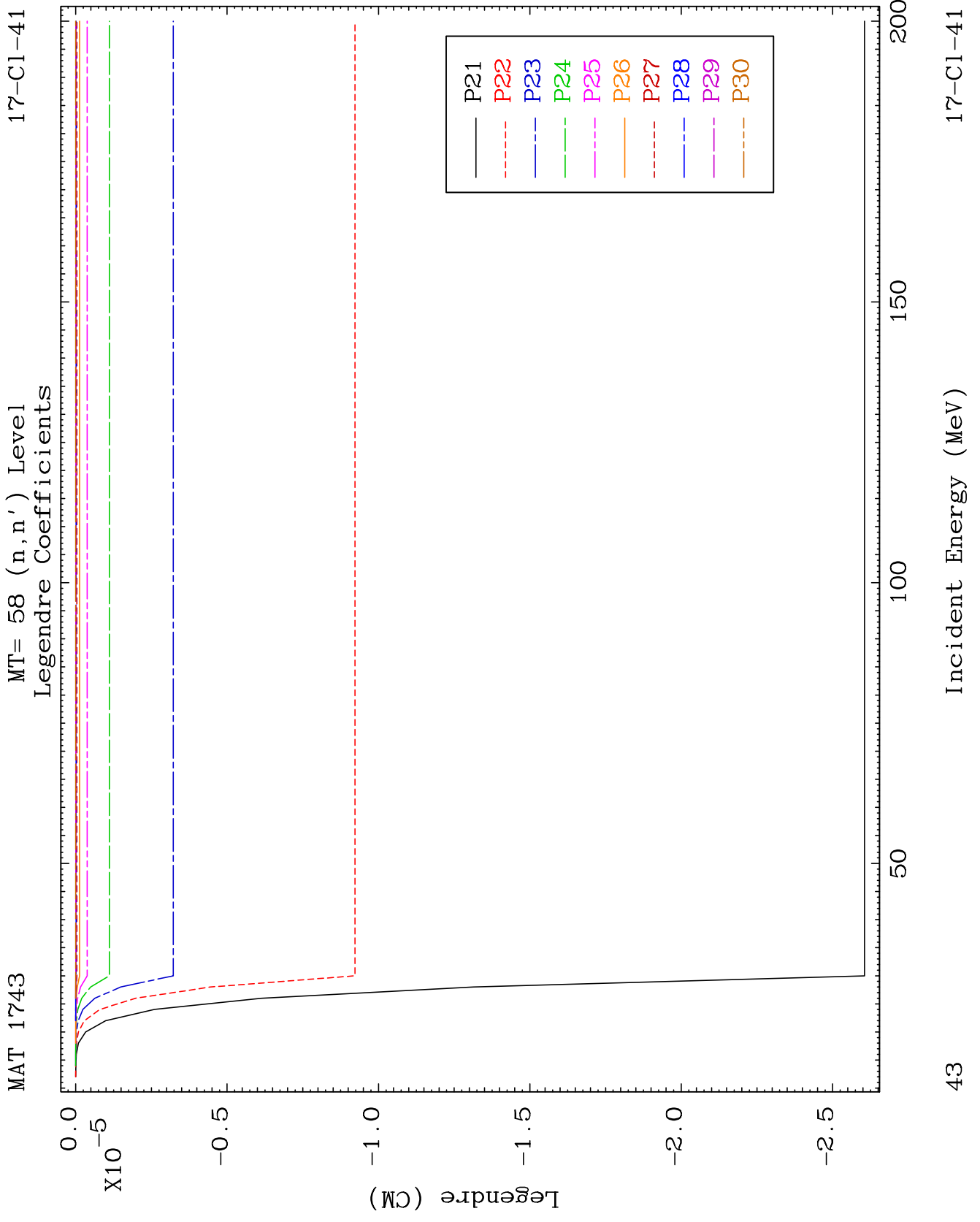
17-Cl-41



42

Incident Energy (MeV)

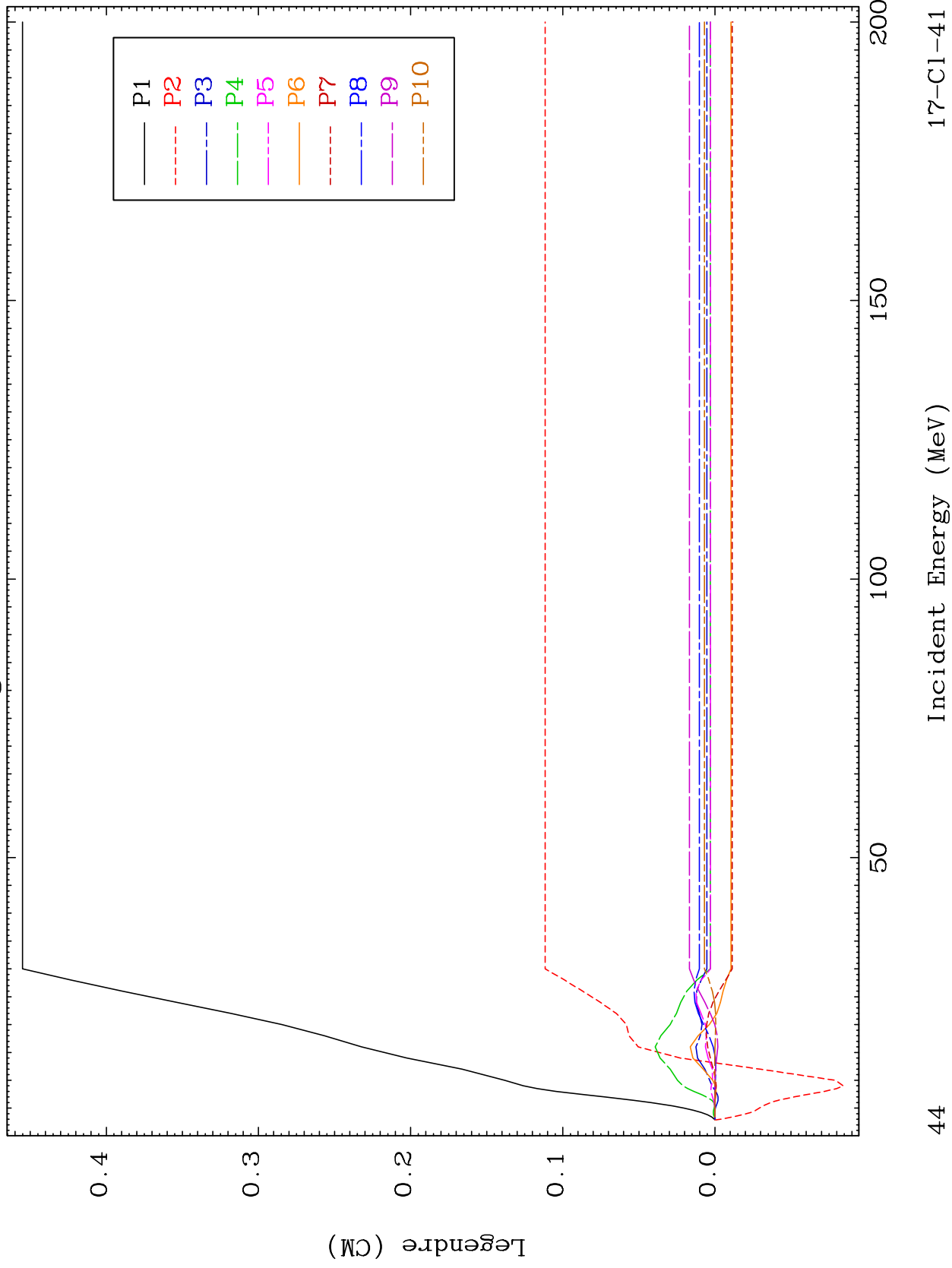
17-Cl-41



MAT 1743

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

17-Cl-41



44

Incident Energy (MeV)

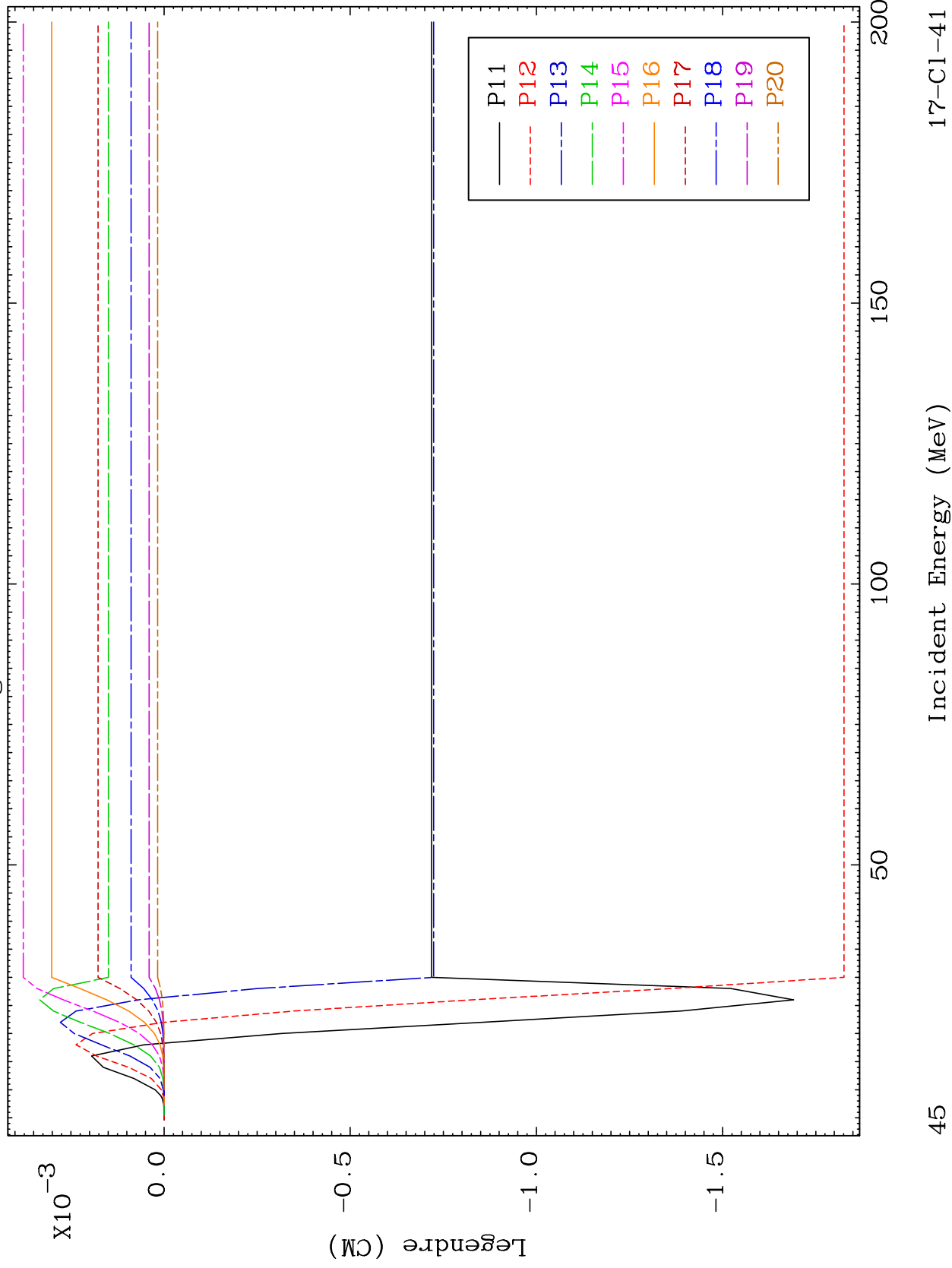
17-Cl-41

MAT 1743

MT= 59 (n,n') Level

17-Cl-41

Legendre Coefficients



45

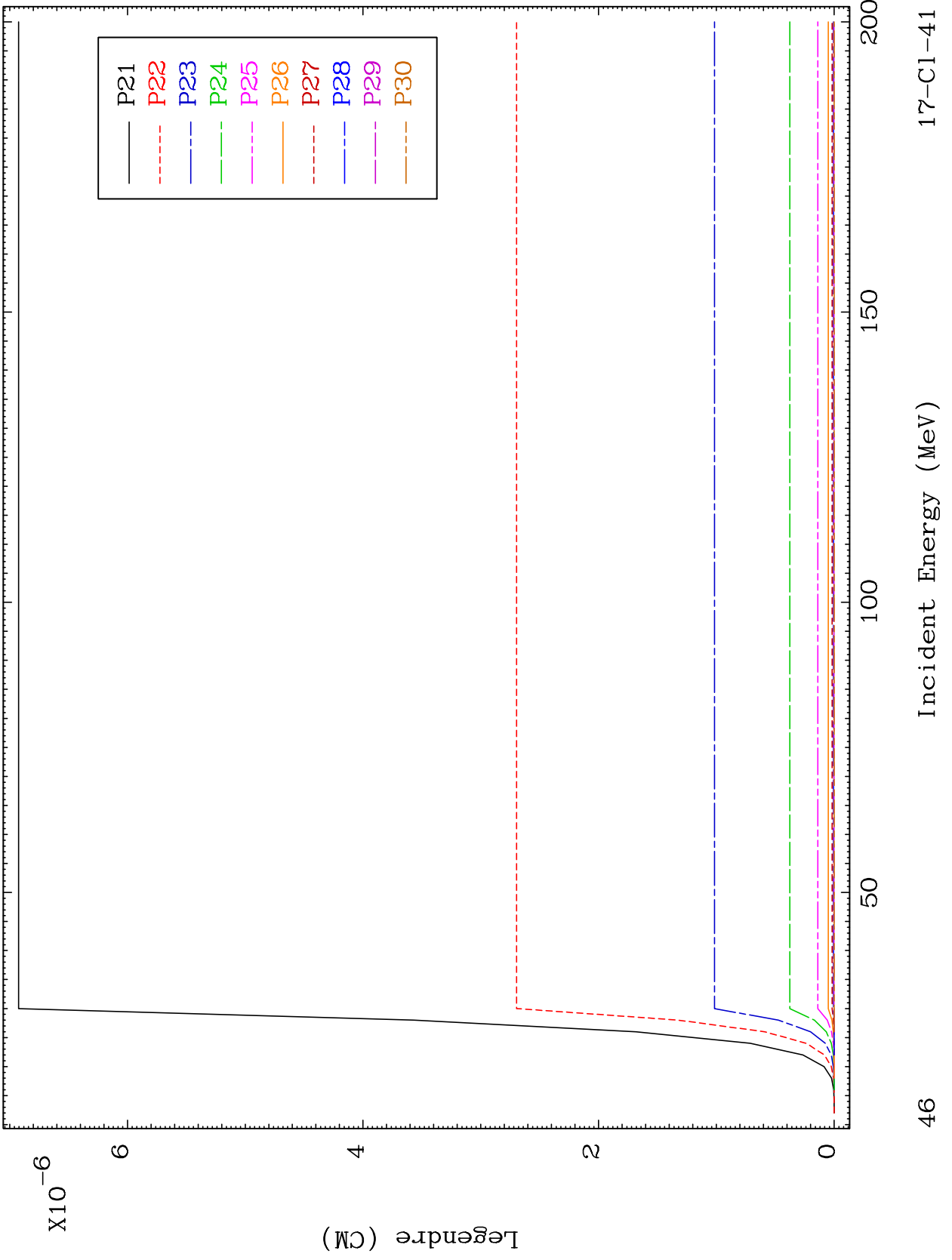
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

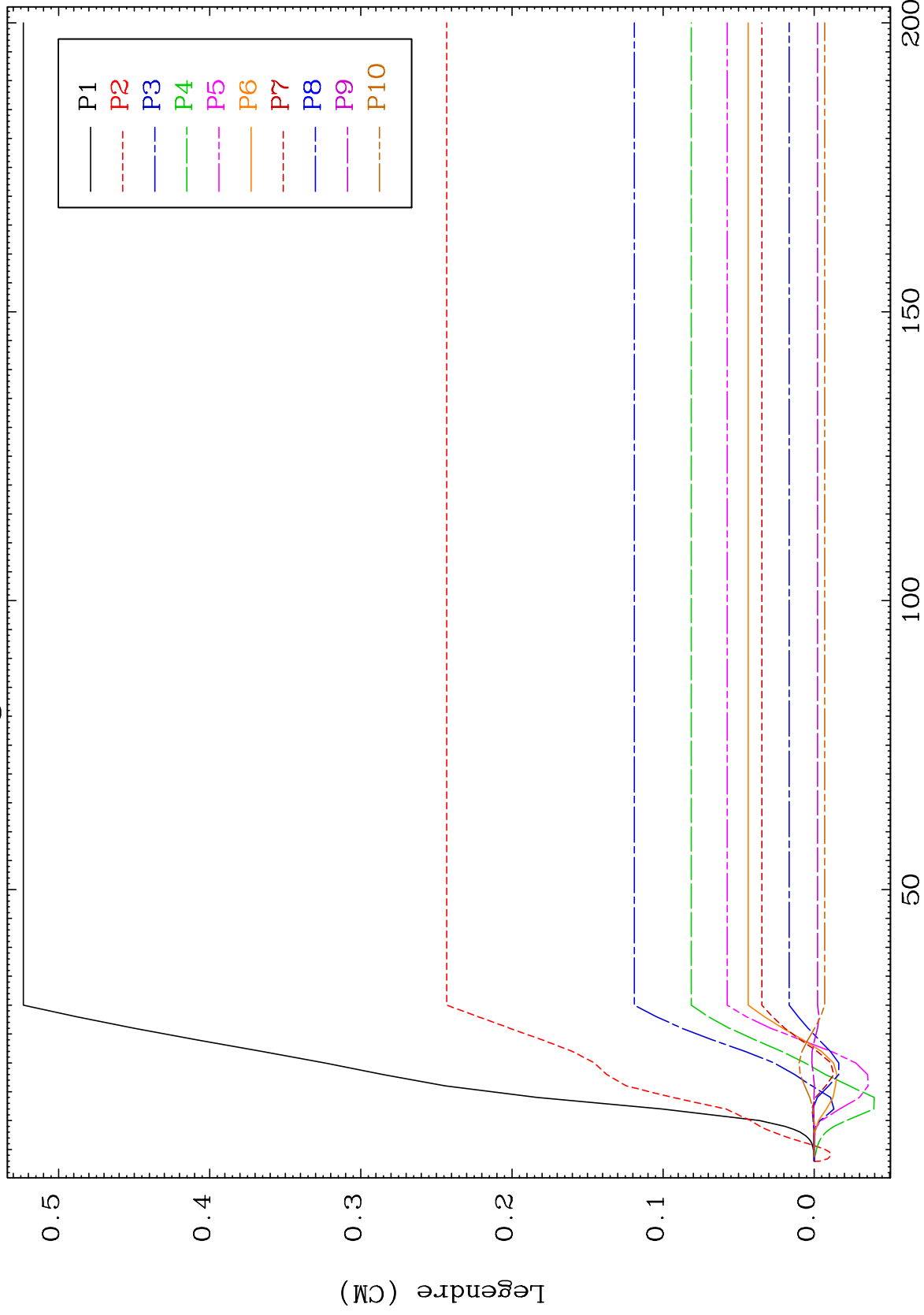
17-Cl-41



MAT 1743

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

17-Cl-41



47

Incident Energy (MeV)

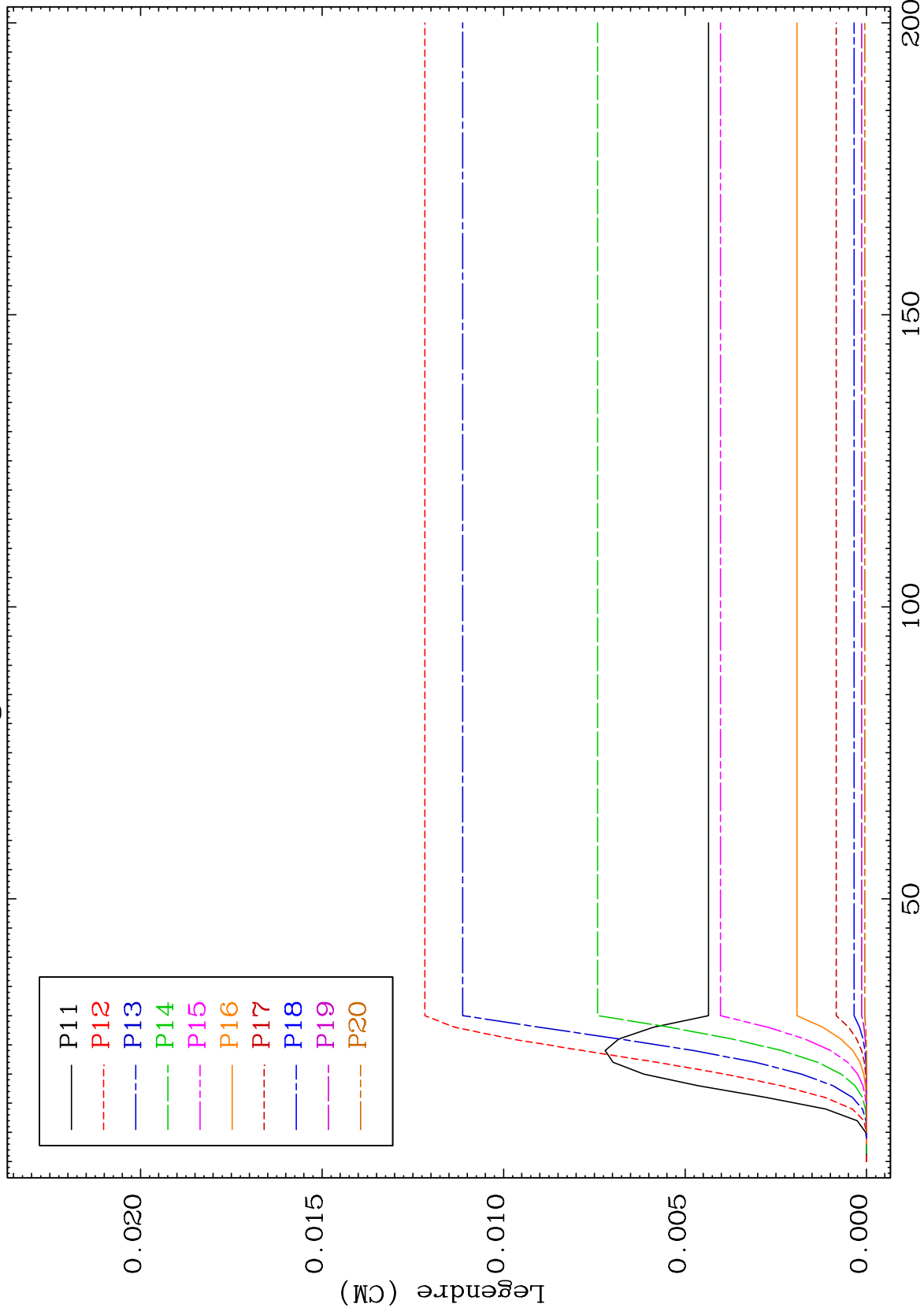
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MAT 1743

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

17-Cl-41



48

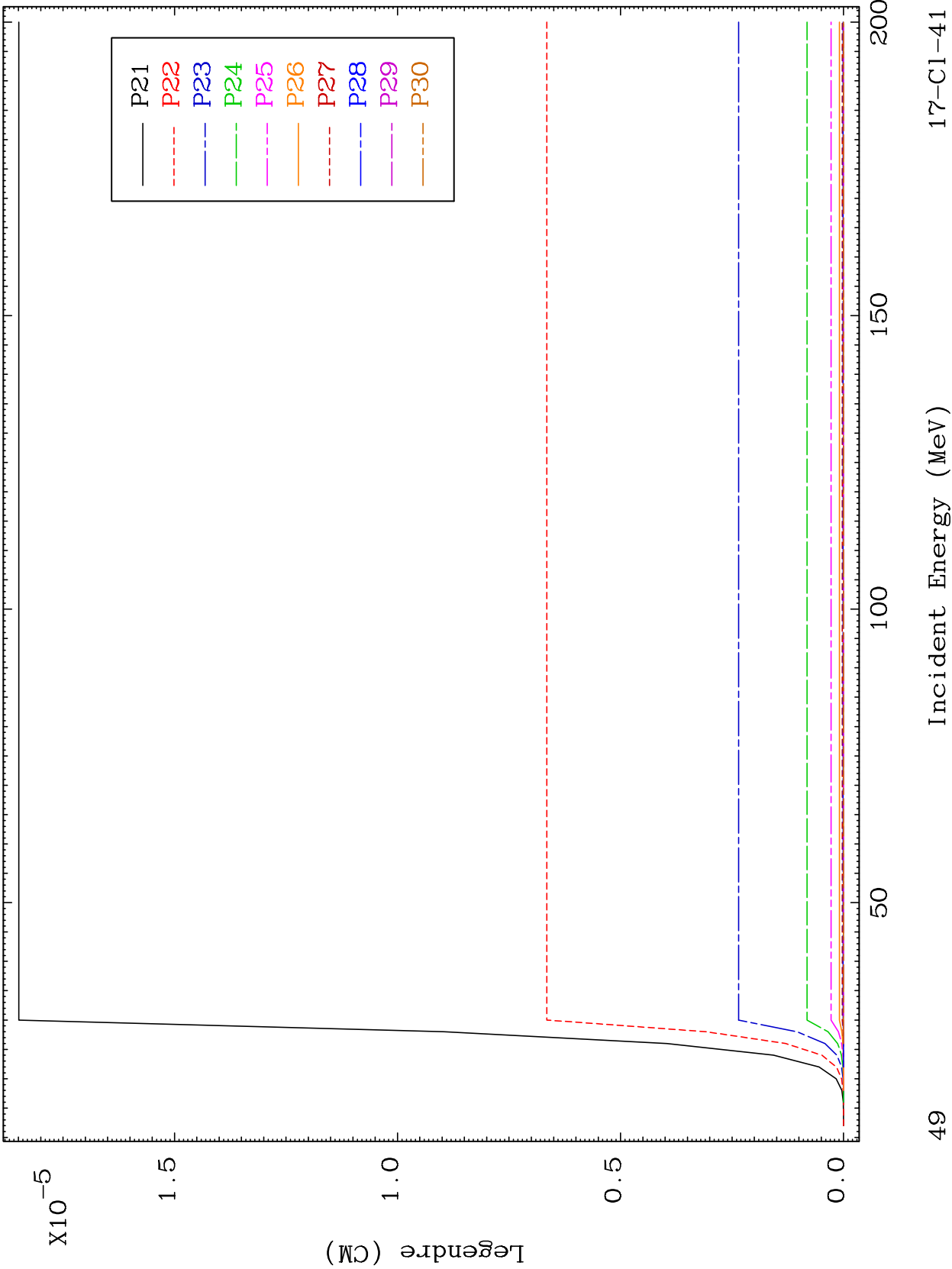
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



49

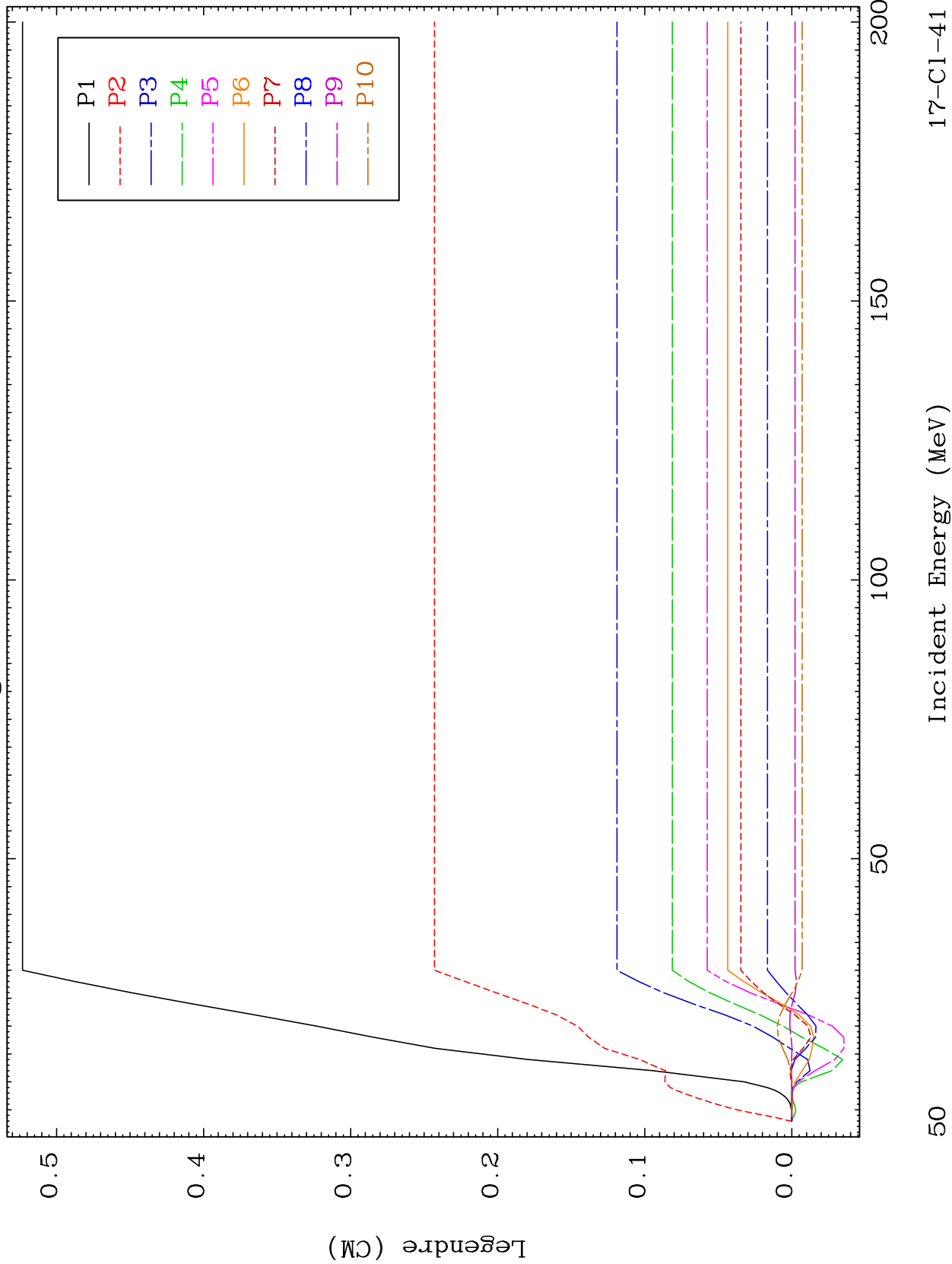
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

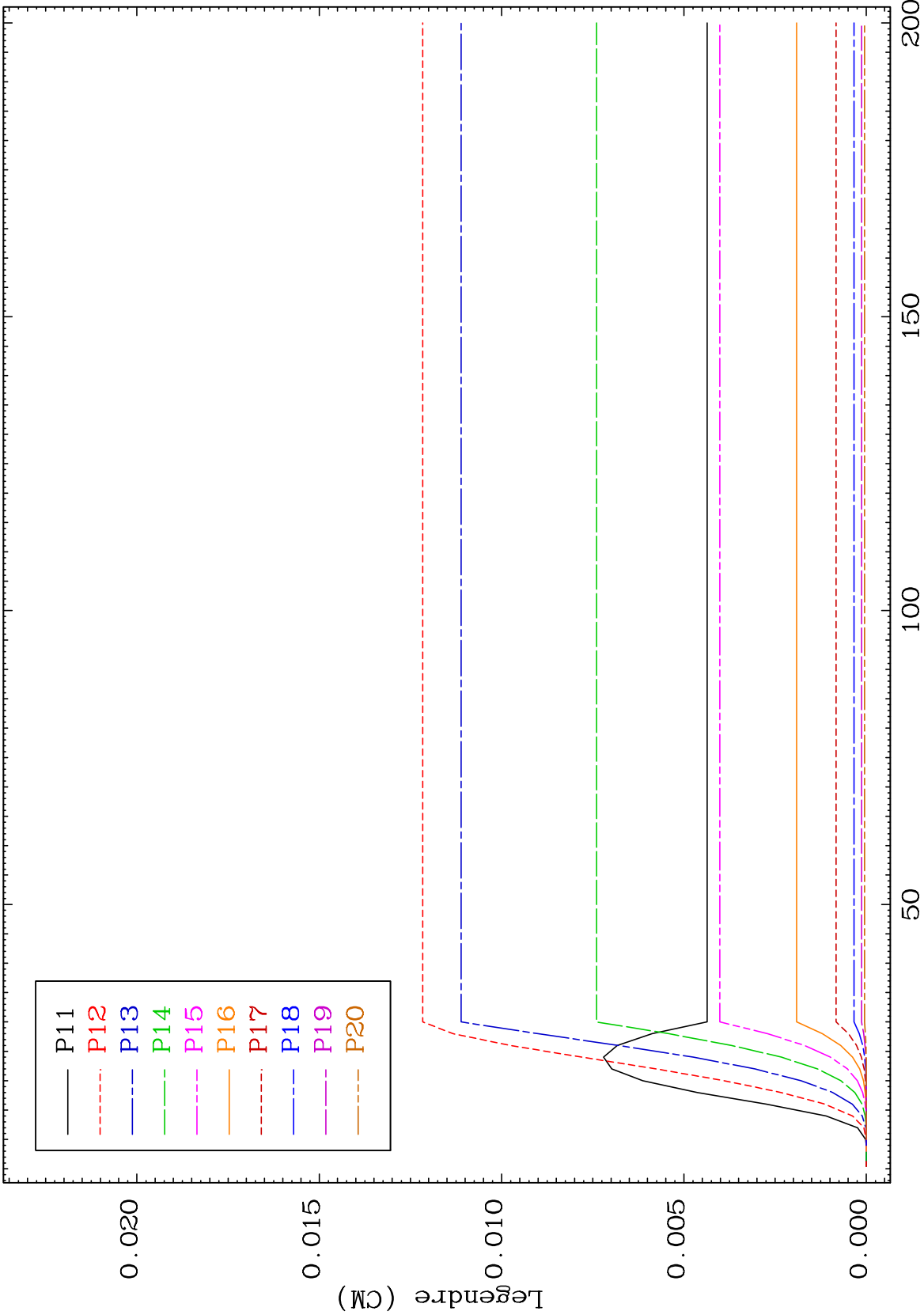
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MAT 1743

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

17-Cl-41



51

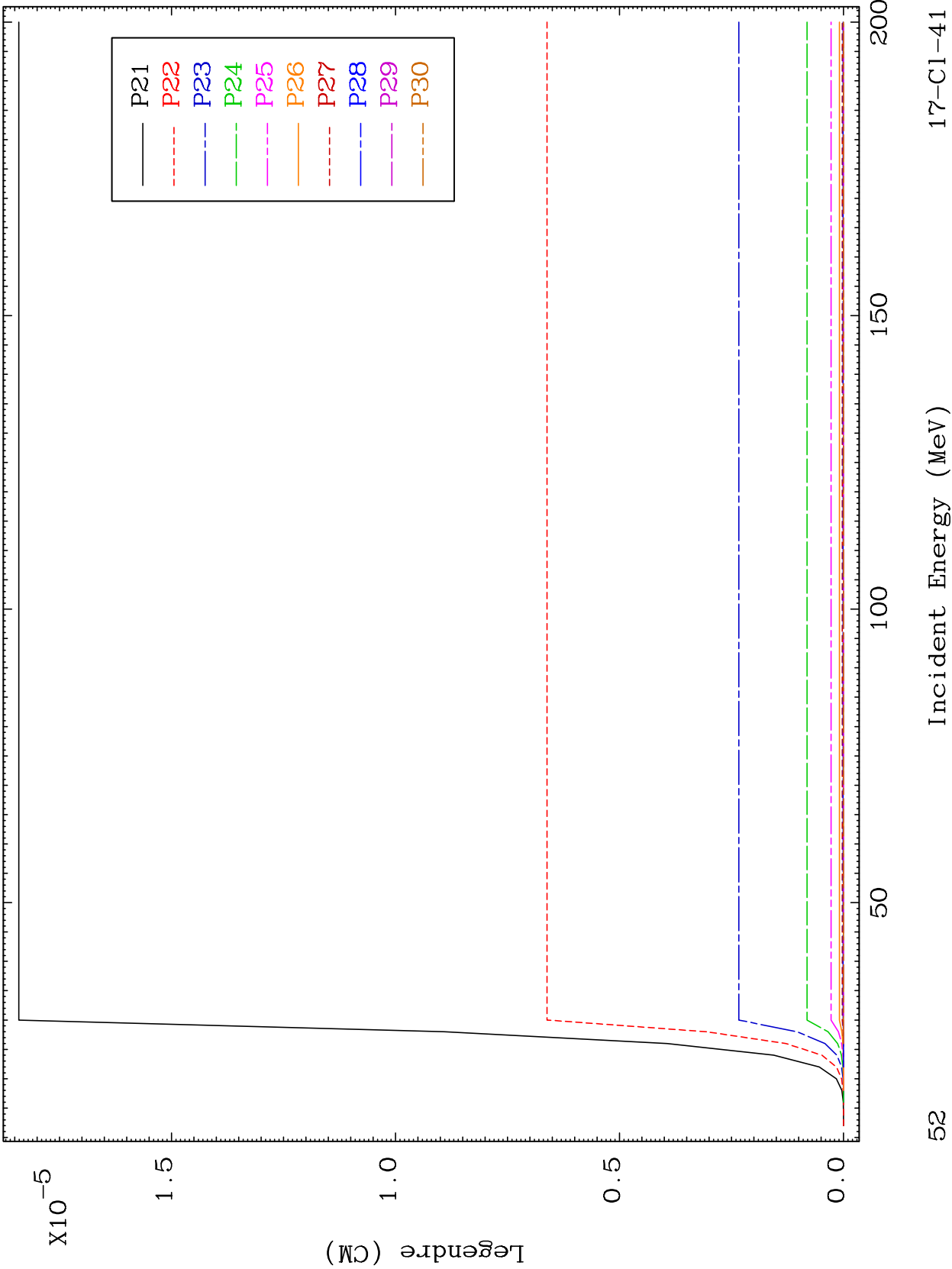
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

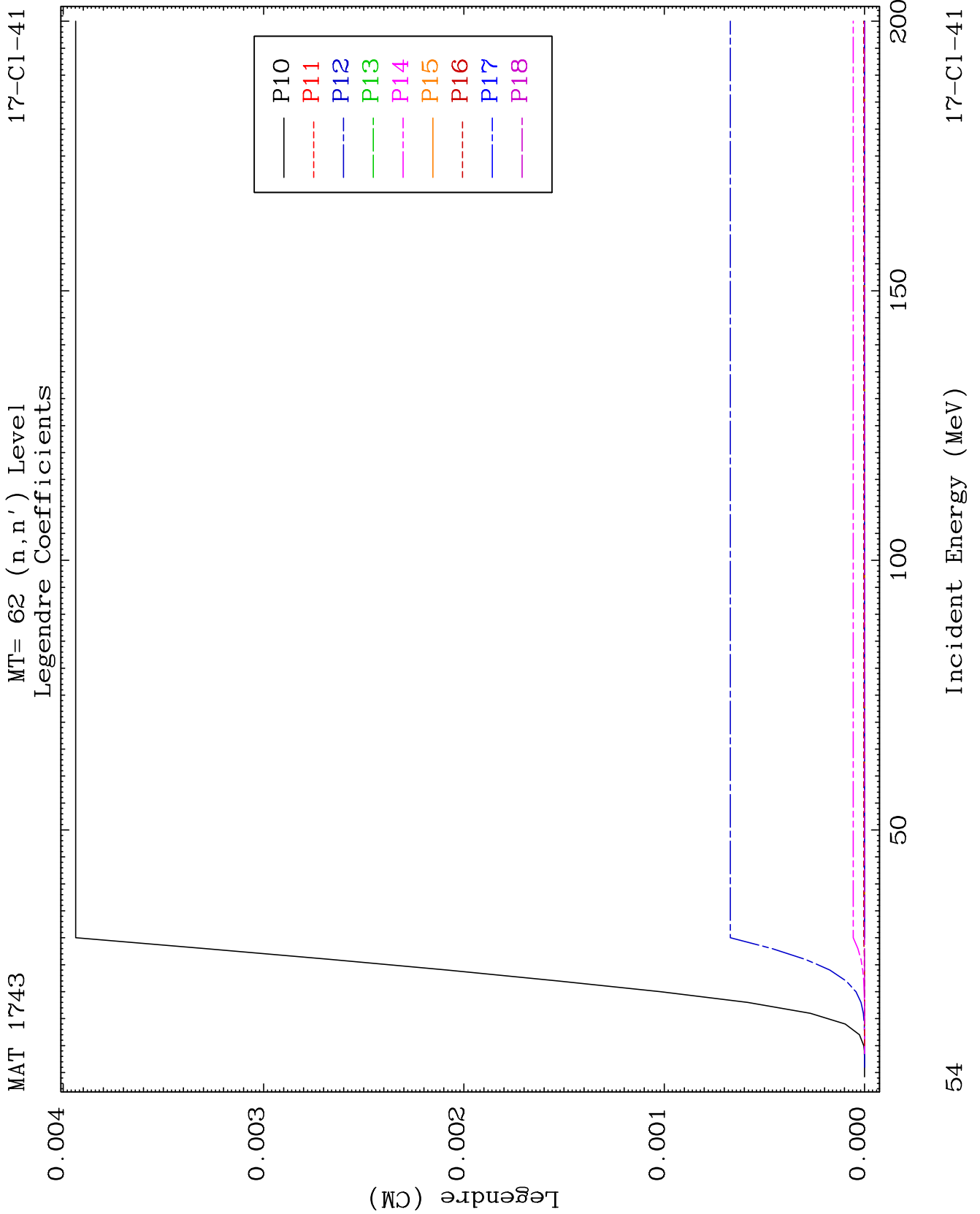


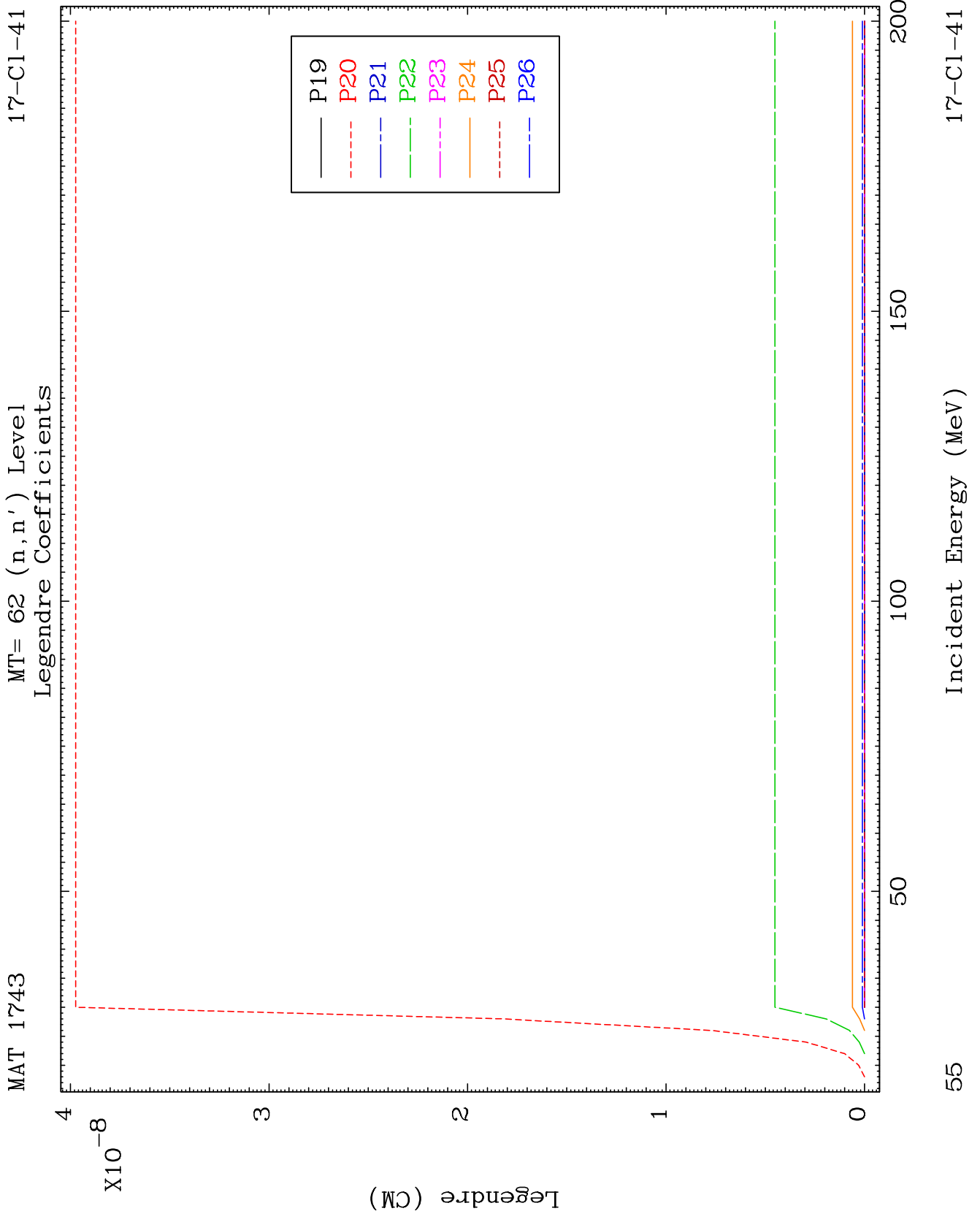
52

Incident Energy (MeV)

17-Cl-41







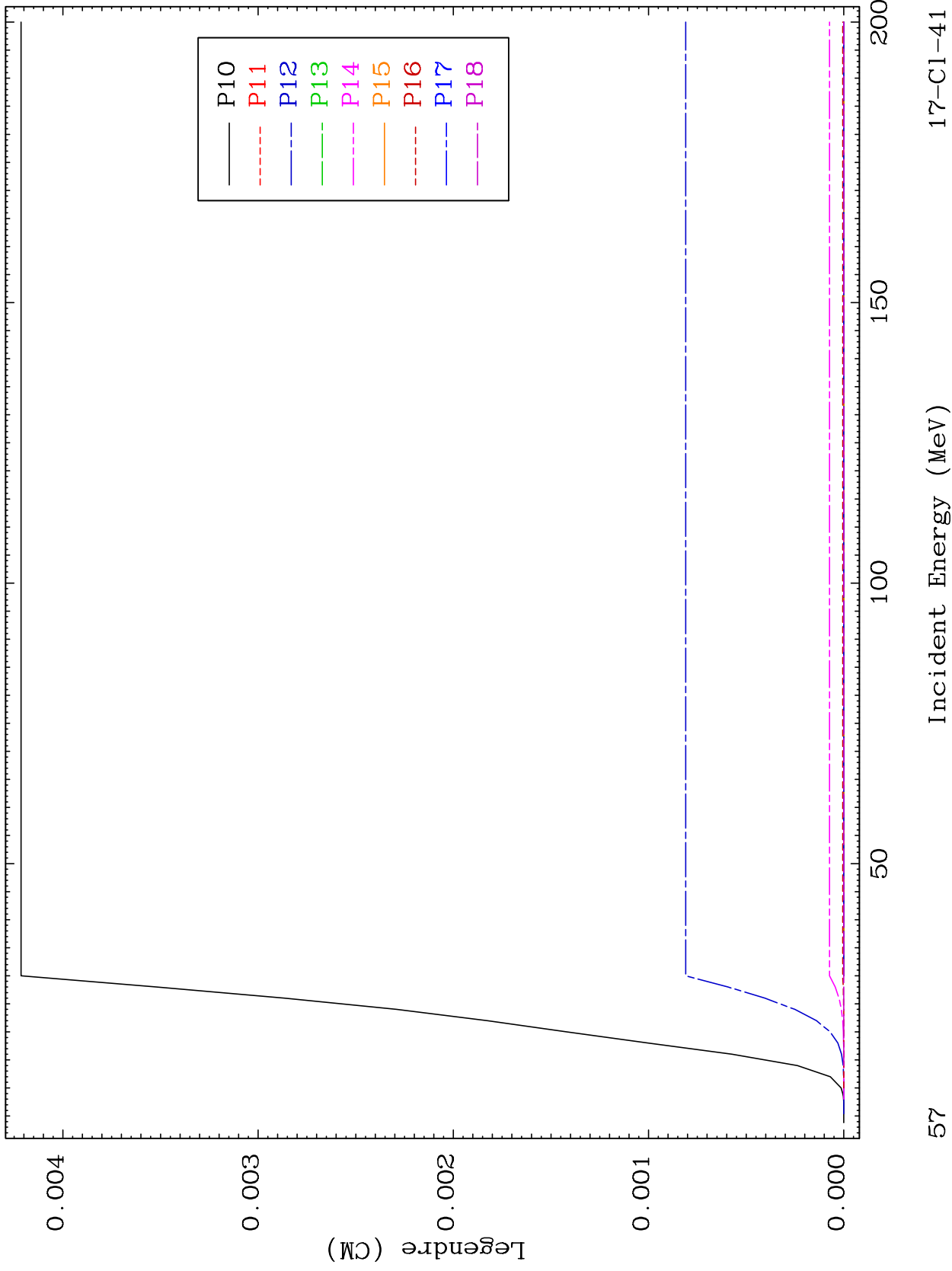




MAT 1743

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

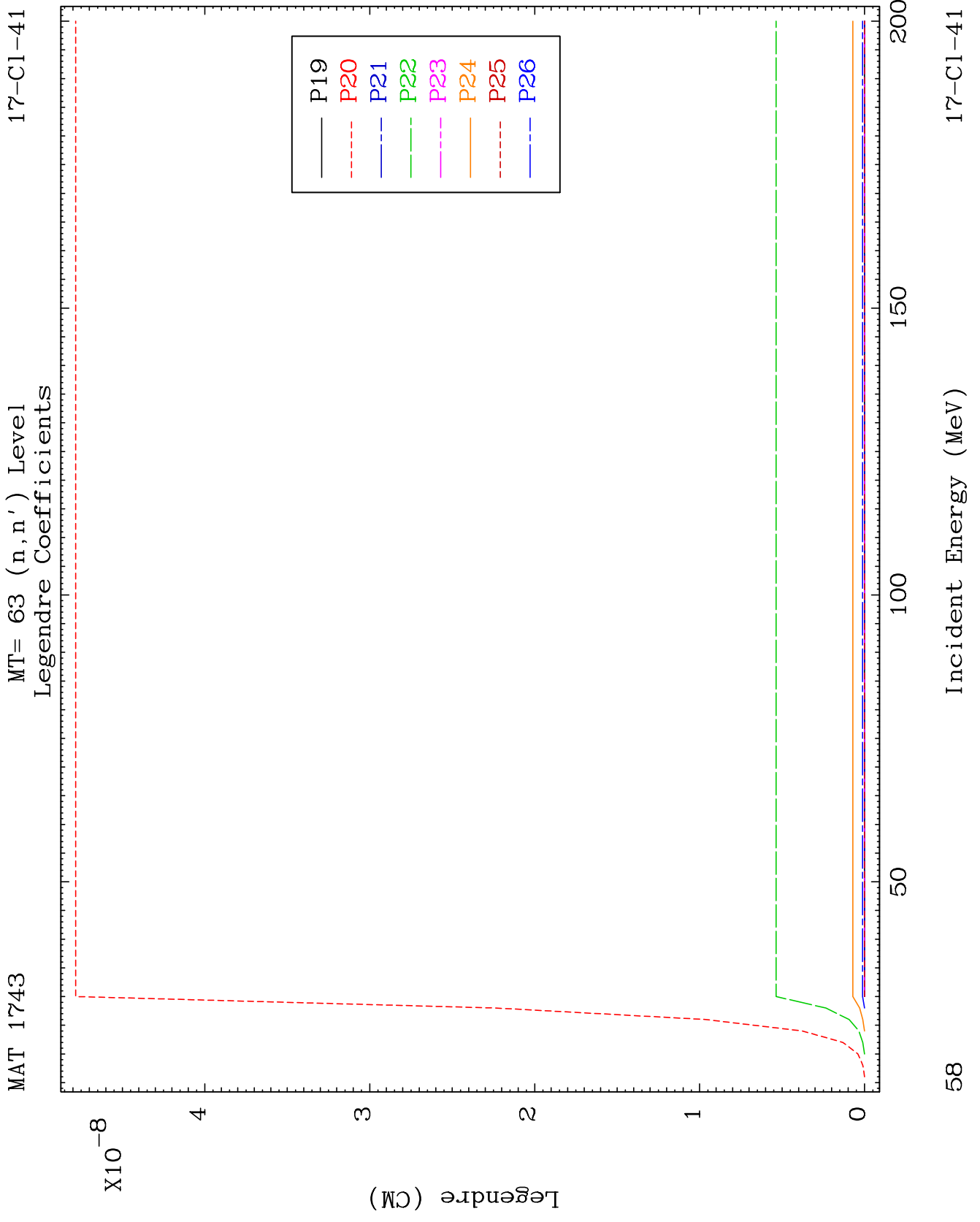
17-Cl-41



57

Incident Energy (MeV)

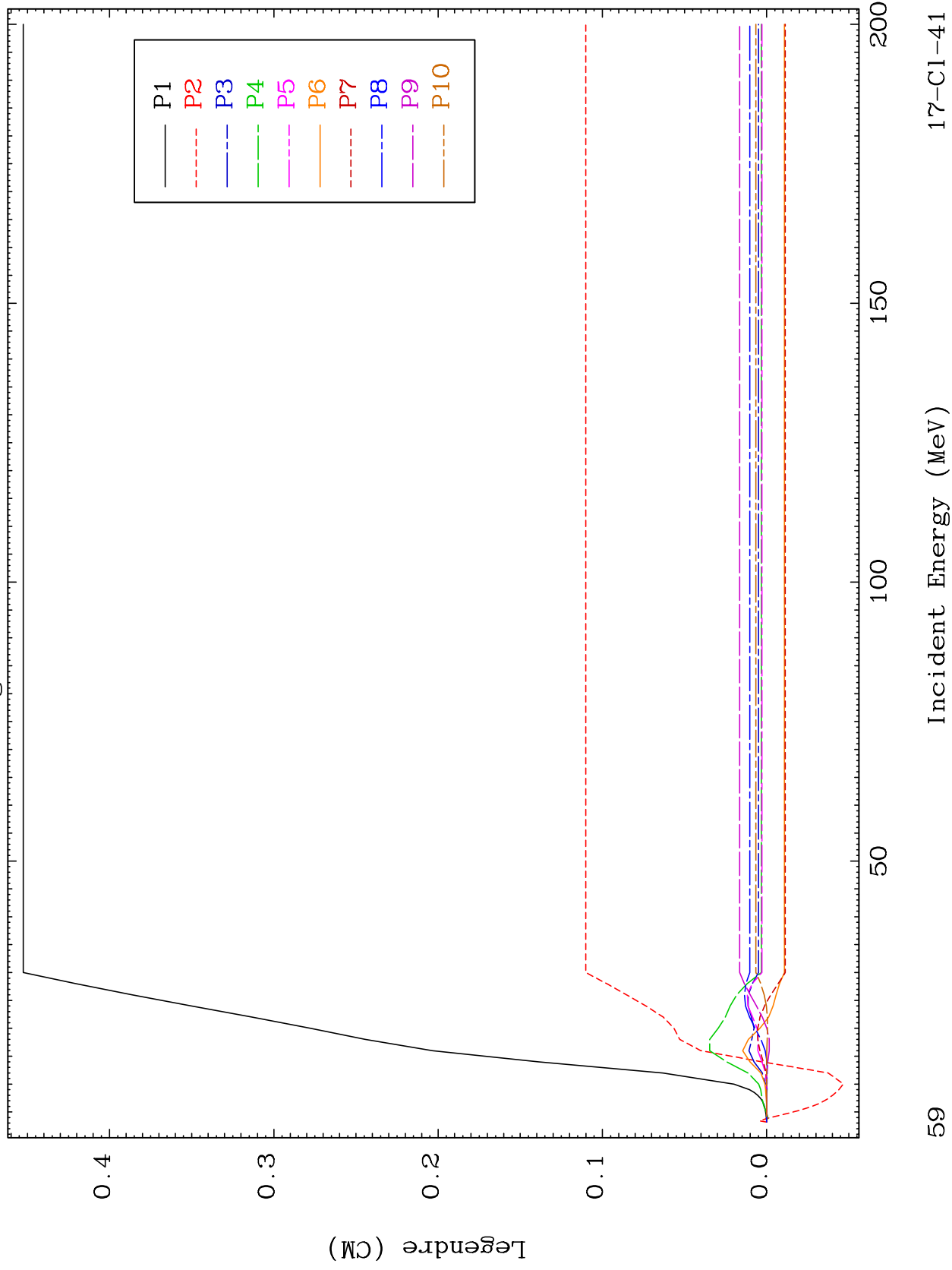
17-Cl-41



MAT 1743

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

17-Cl-41



59

Incident Energy (MeV)

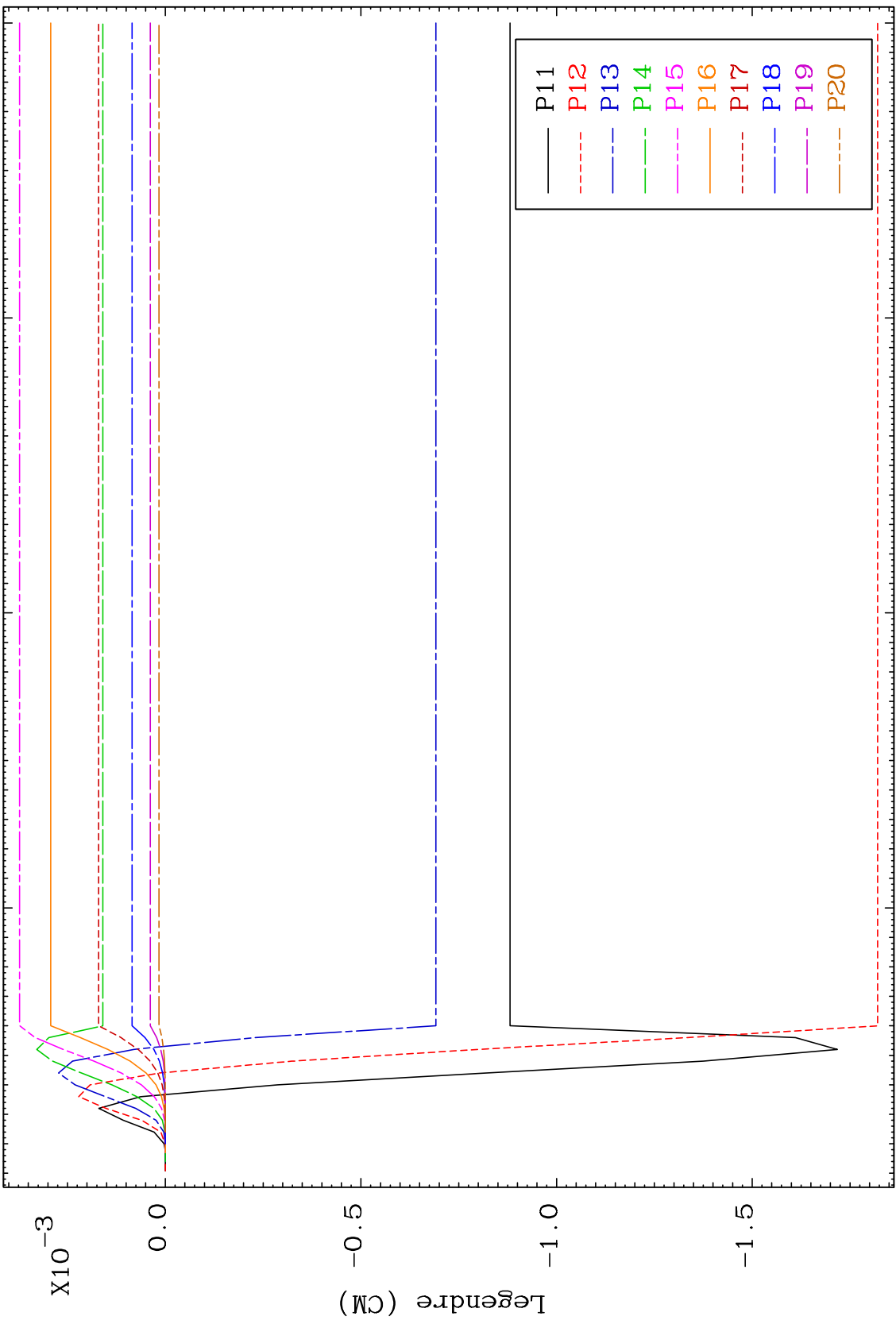
17-Cl-41

MAT 1743

MT= 64 (n,n') Level

17-Cl-41

Legendre Coefficients



200

150

100

50

60

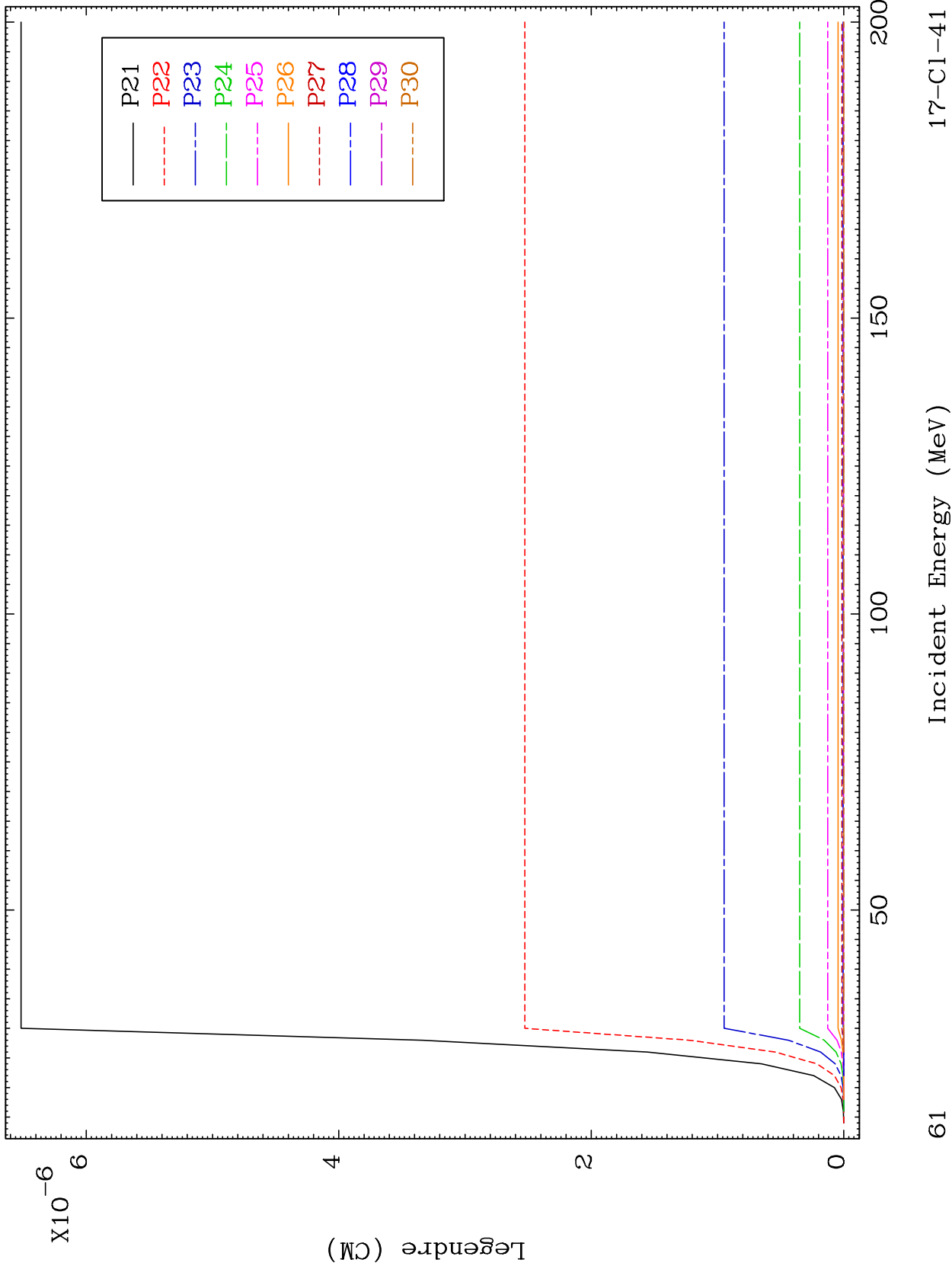
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

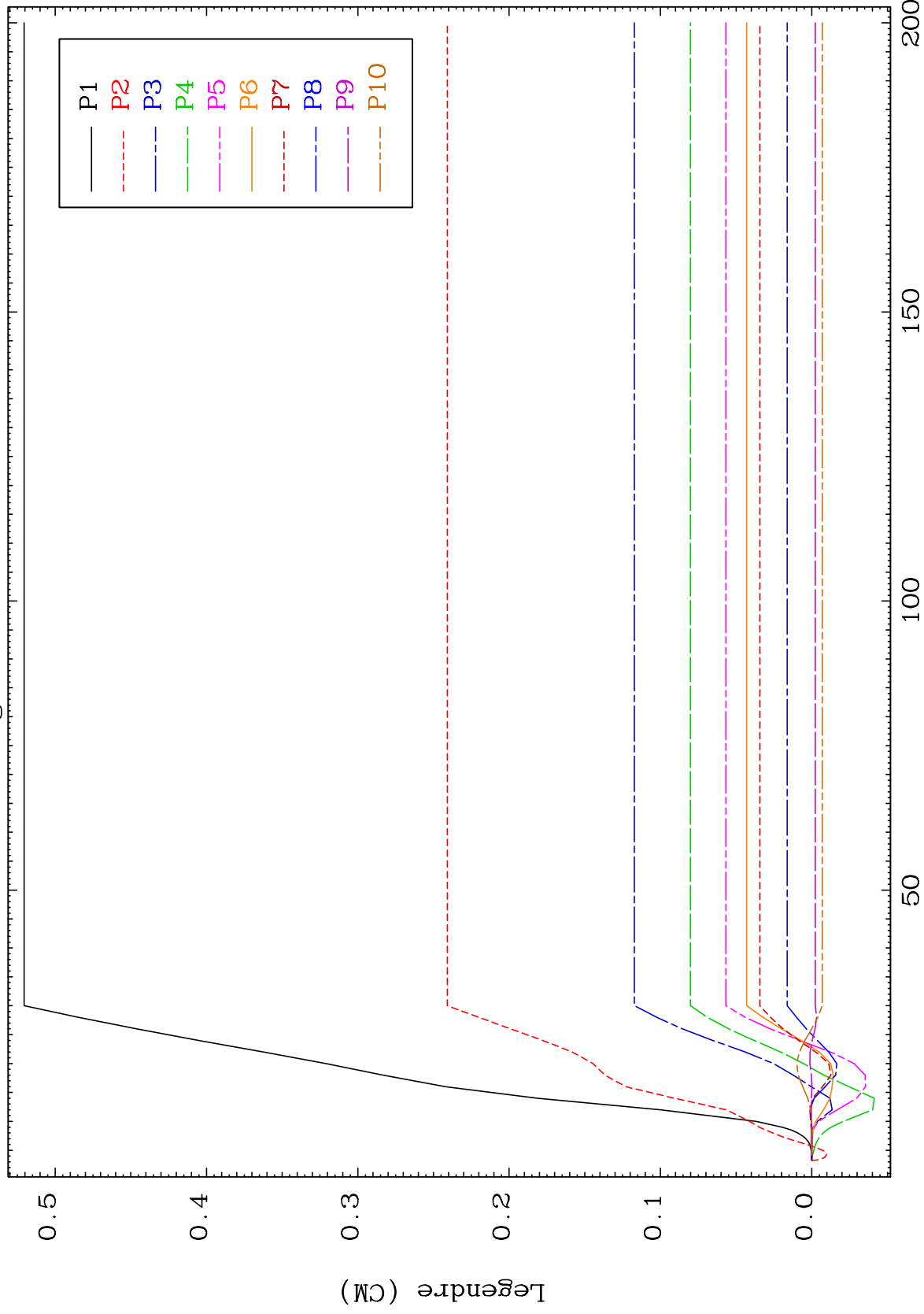


MAT 1743

MT= 65 (n,n') Level

17-Cl-41

Legendre Coefficients



62

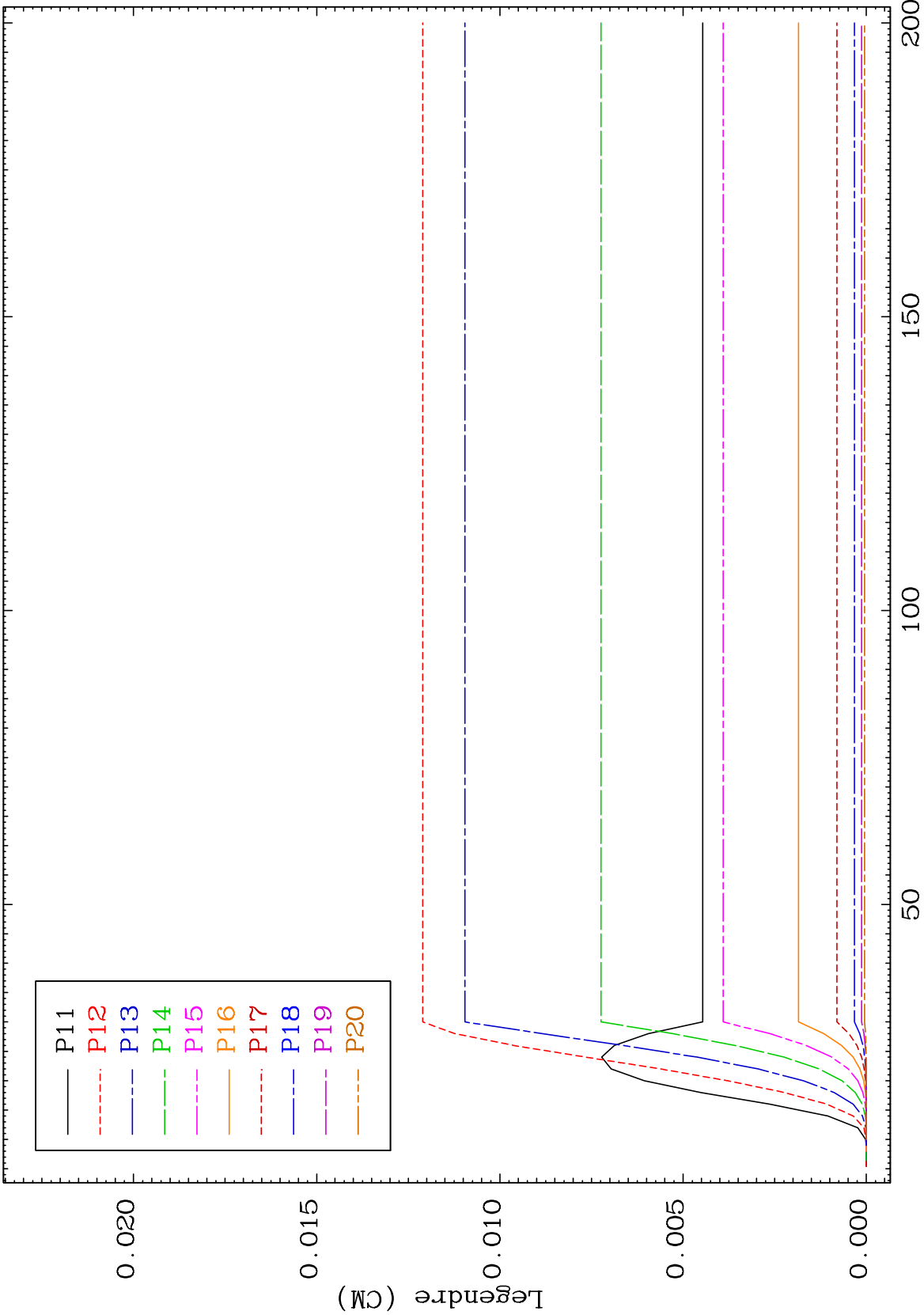
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



63

Incident Energy (MeV)

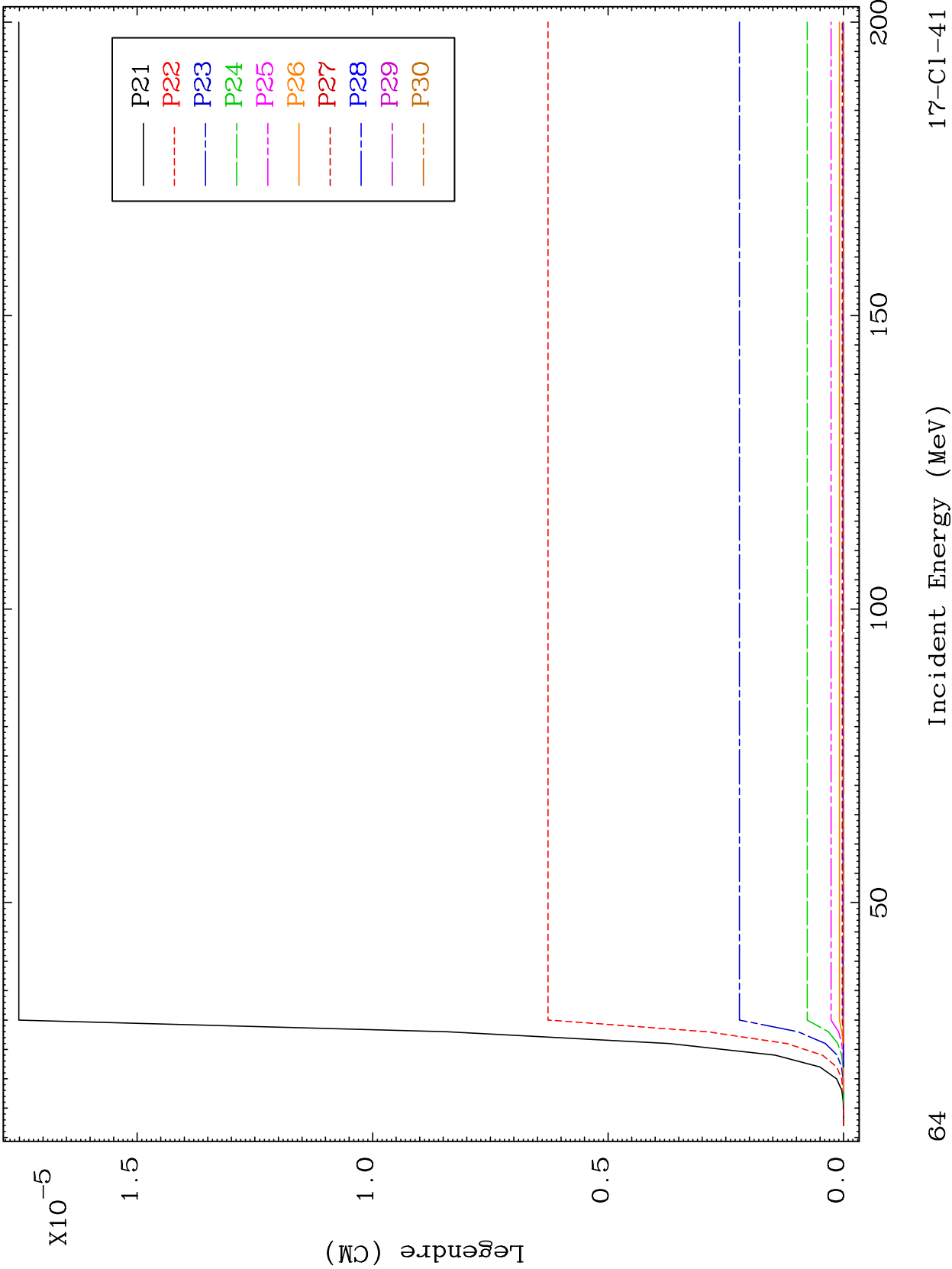
17-Cl-41



MAT 1743

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

17-Cl-41



64

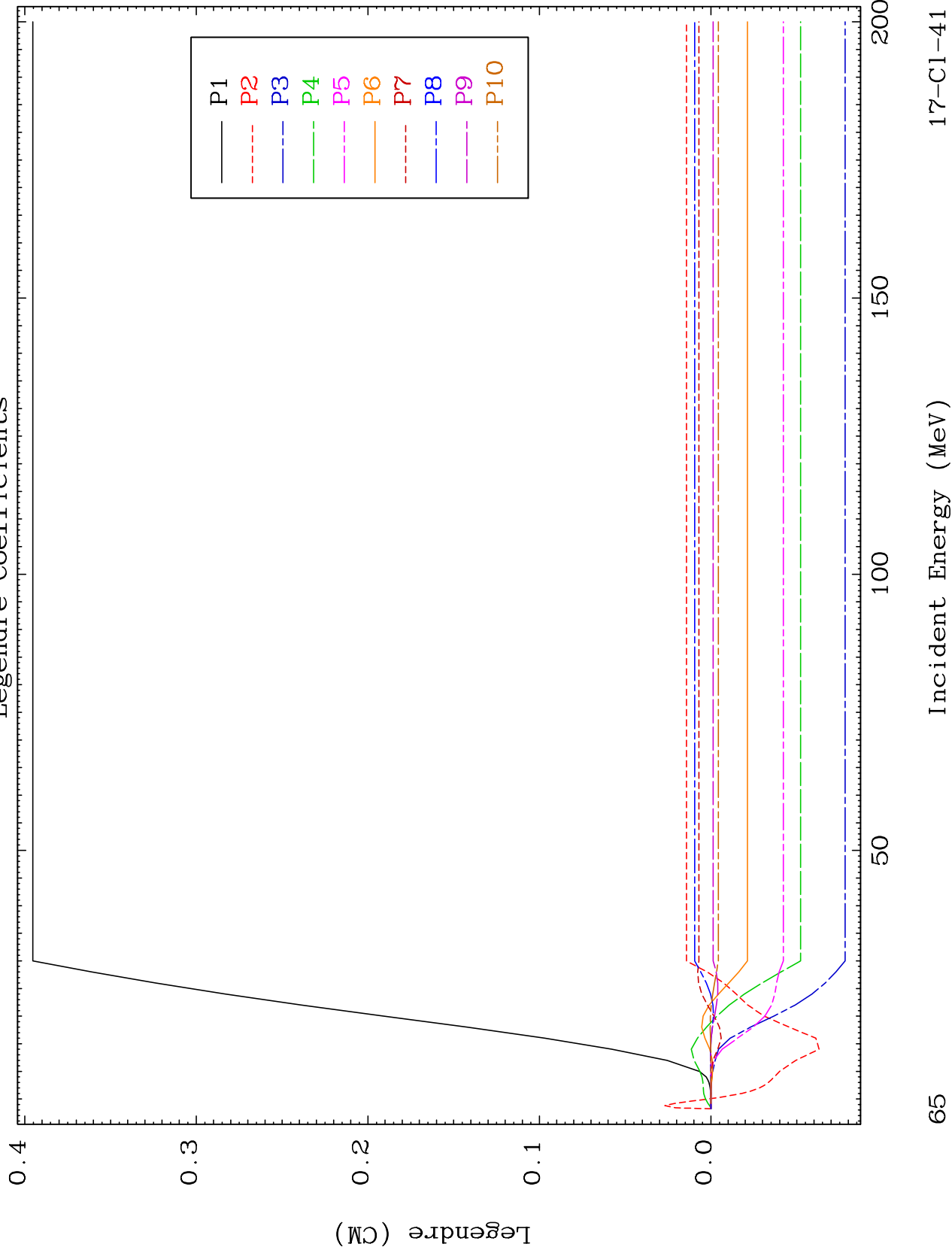
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



65

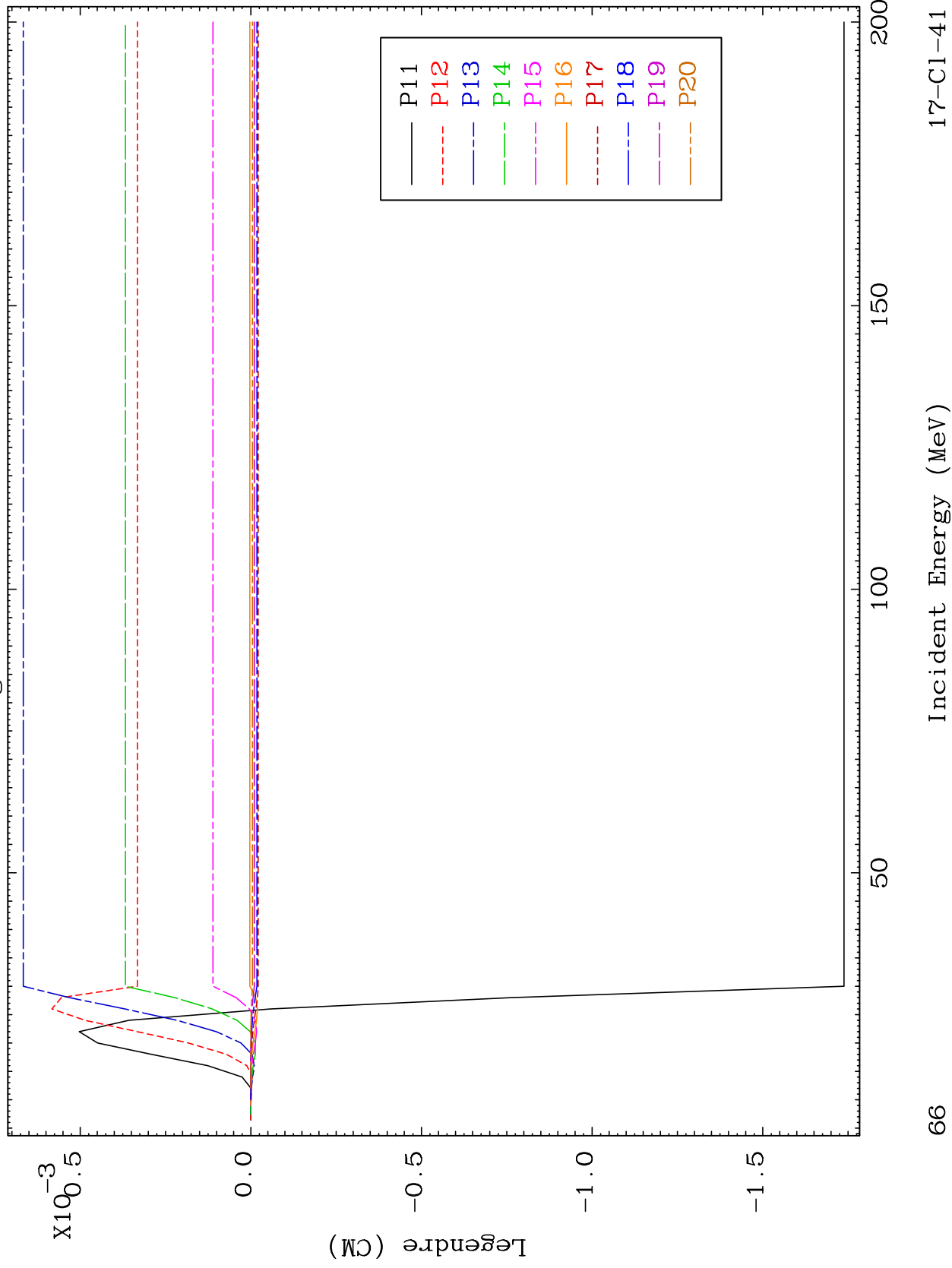
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

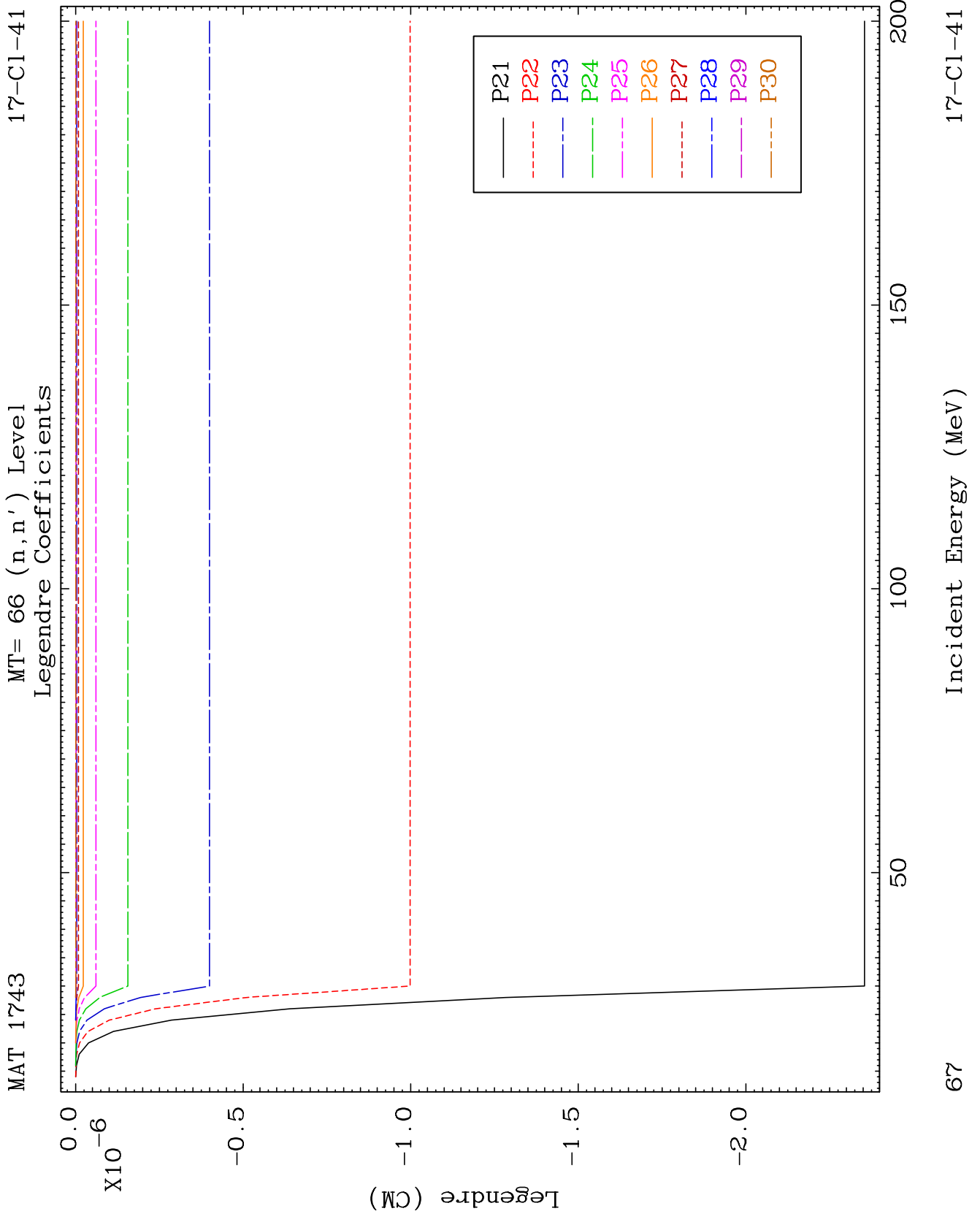
17-Cl-41



66

Incident Energy (MeV)

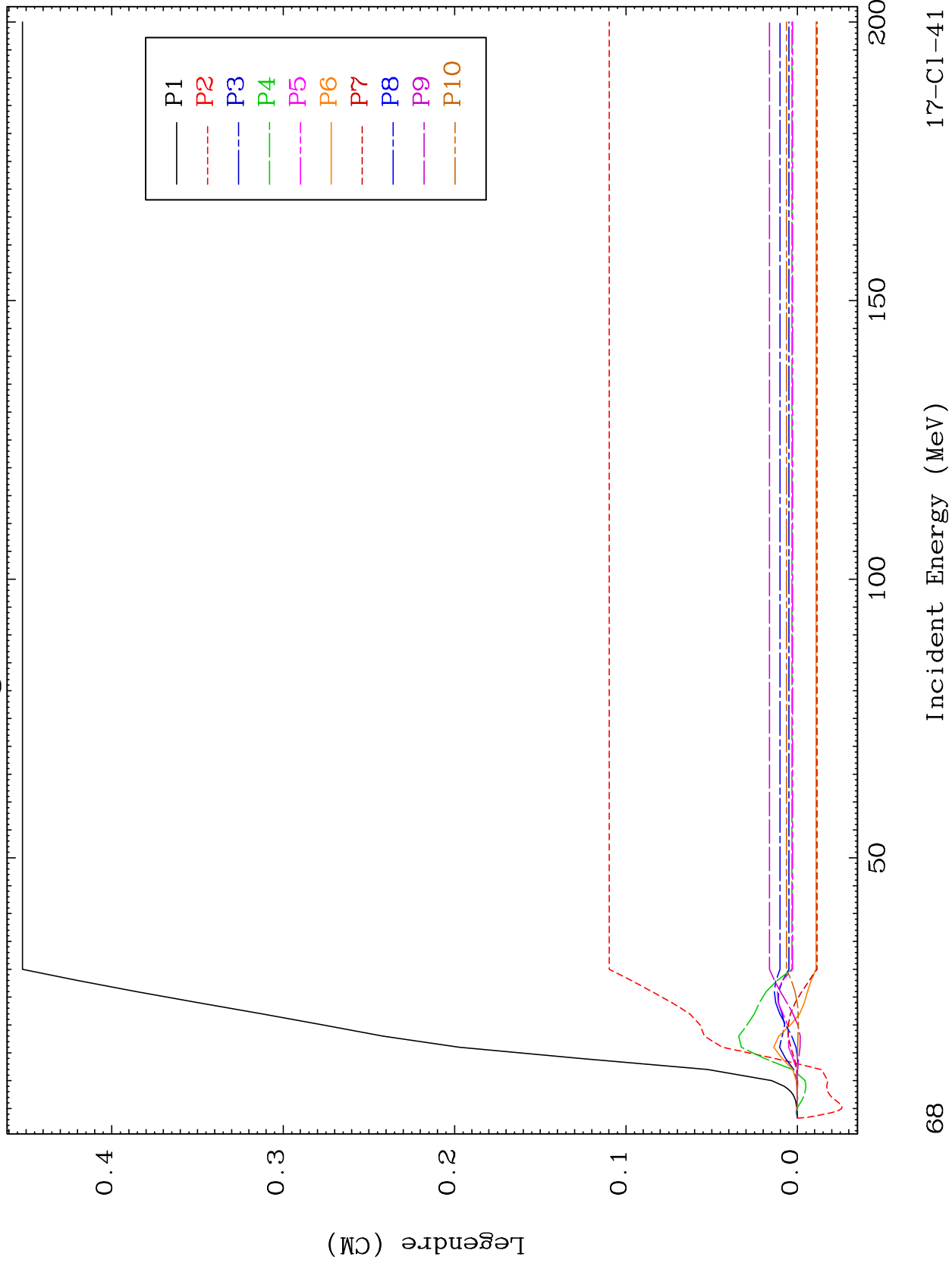
17-Cl-41



MAT 1743

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

17-Cl-41



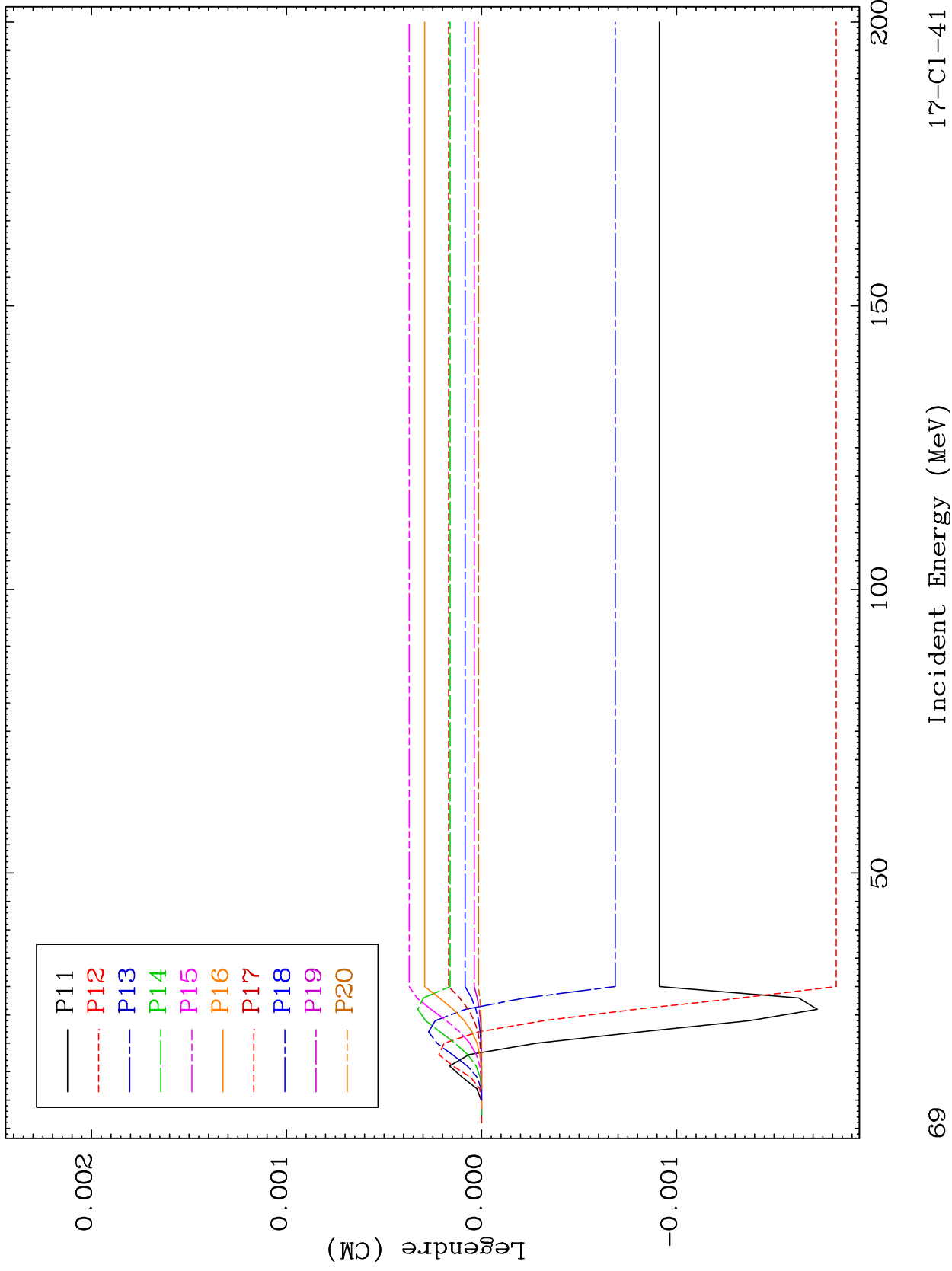
68

17-Cl-41

MAT 1743

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

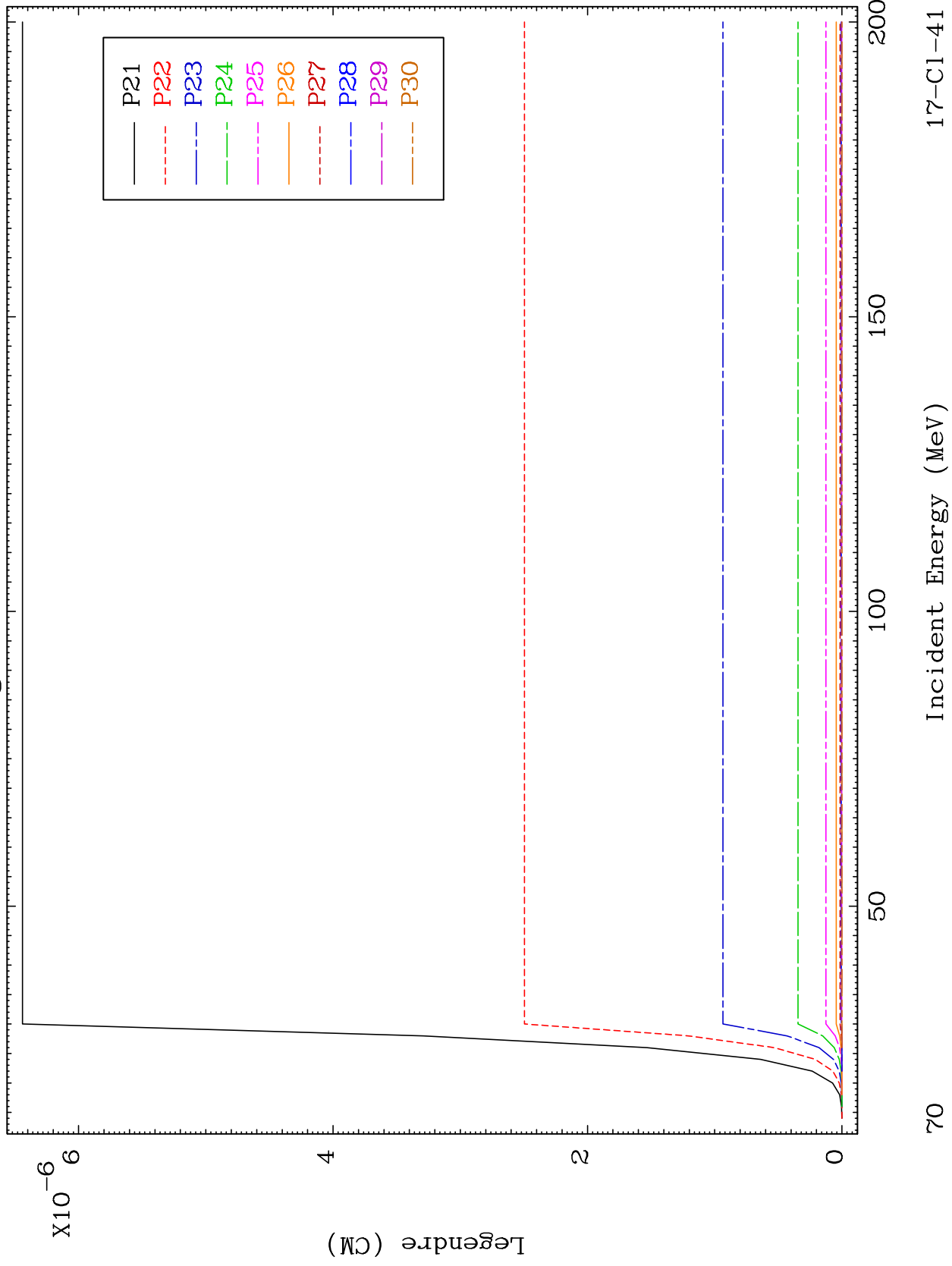
17-Cl-41



MAT 1743

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

17-Cl-41

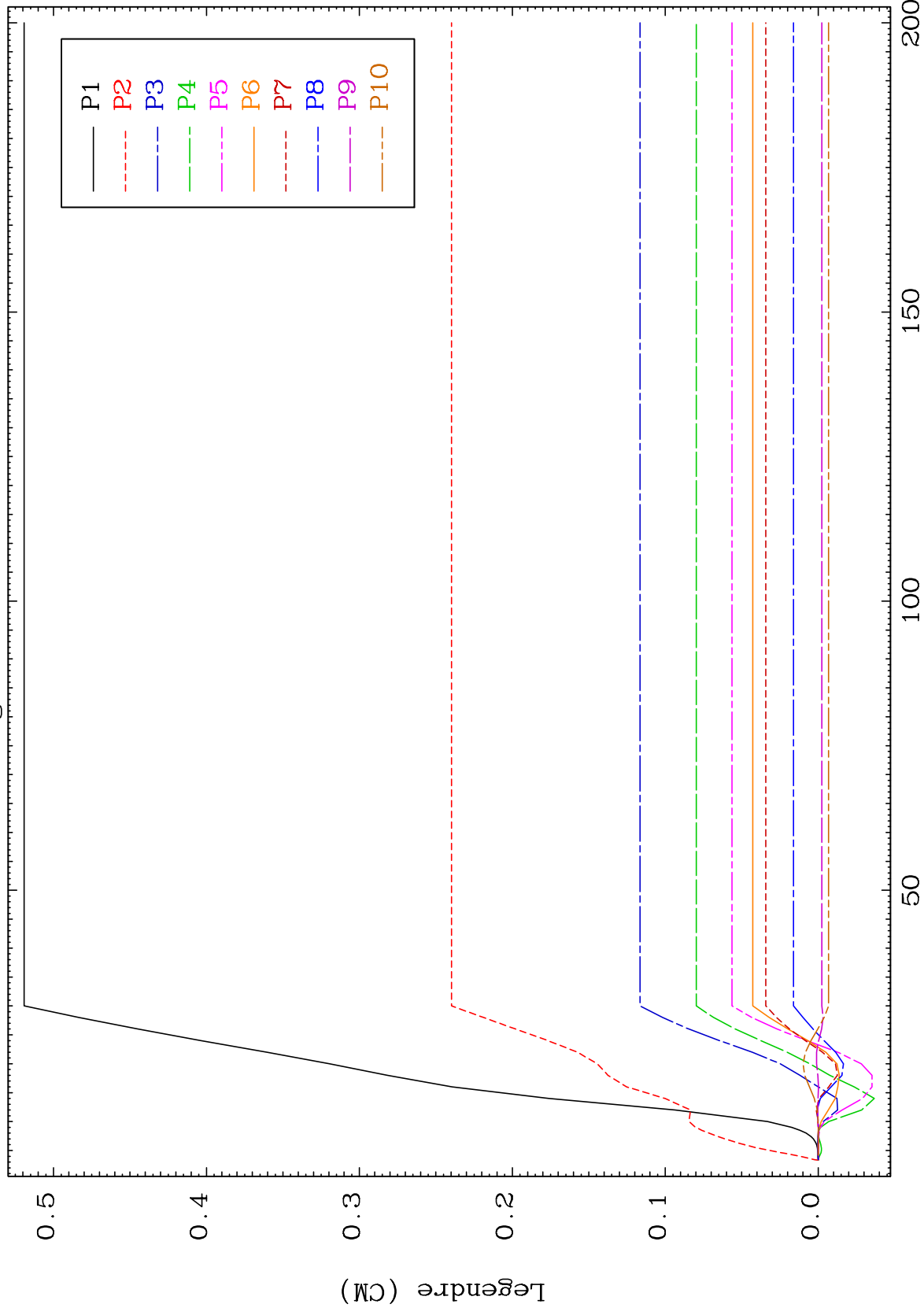


MAT 1743

MT= 68 (n,n') Level

17-Cl-41

Legendre Coefficients



71

Incident Energy (MeV)

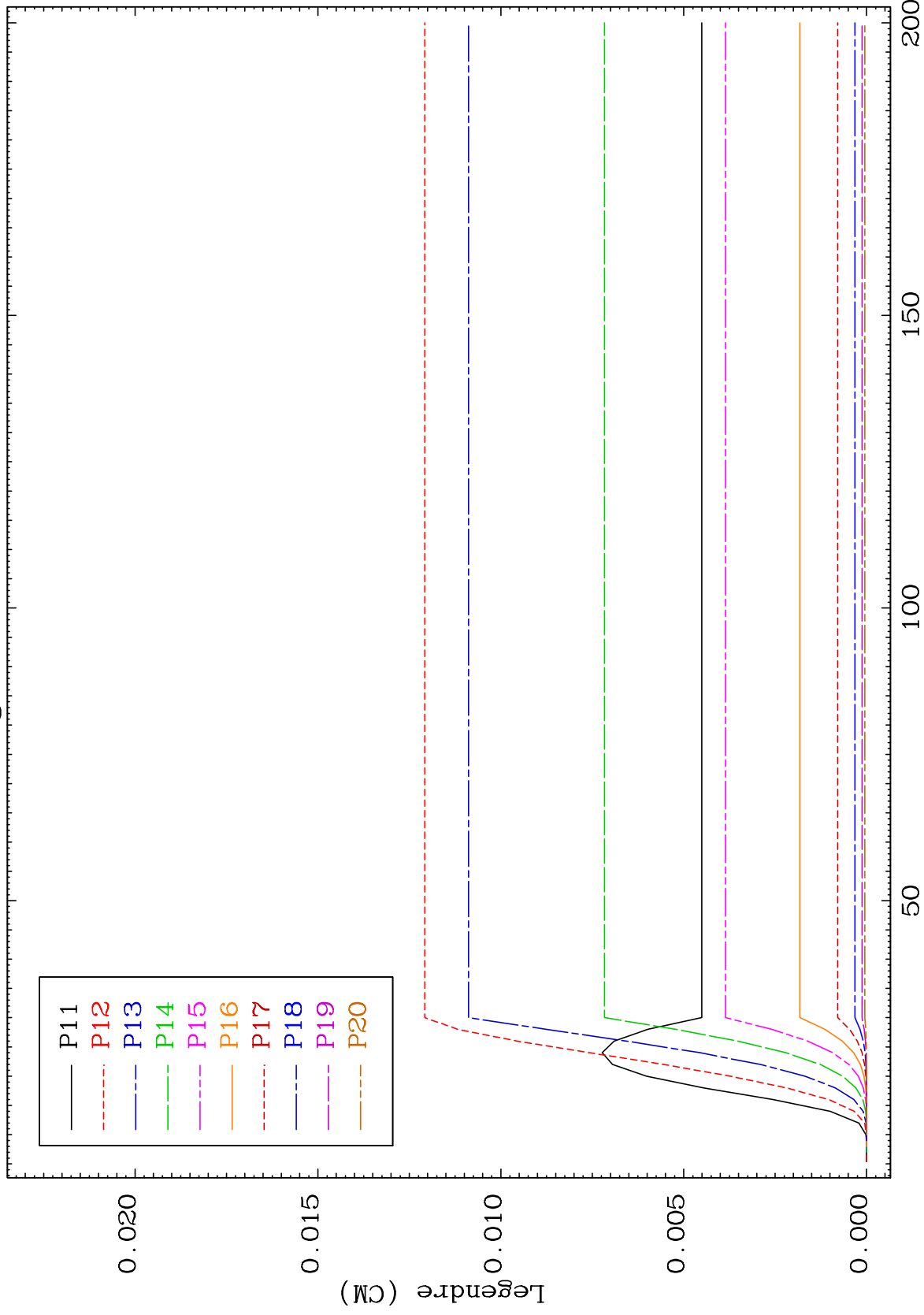
17-Cl-41



MAT 1743

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

17-Cl-41



72

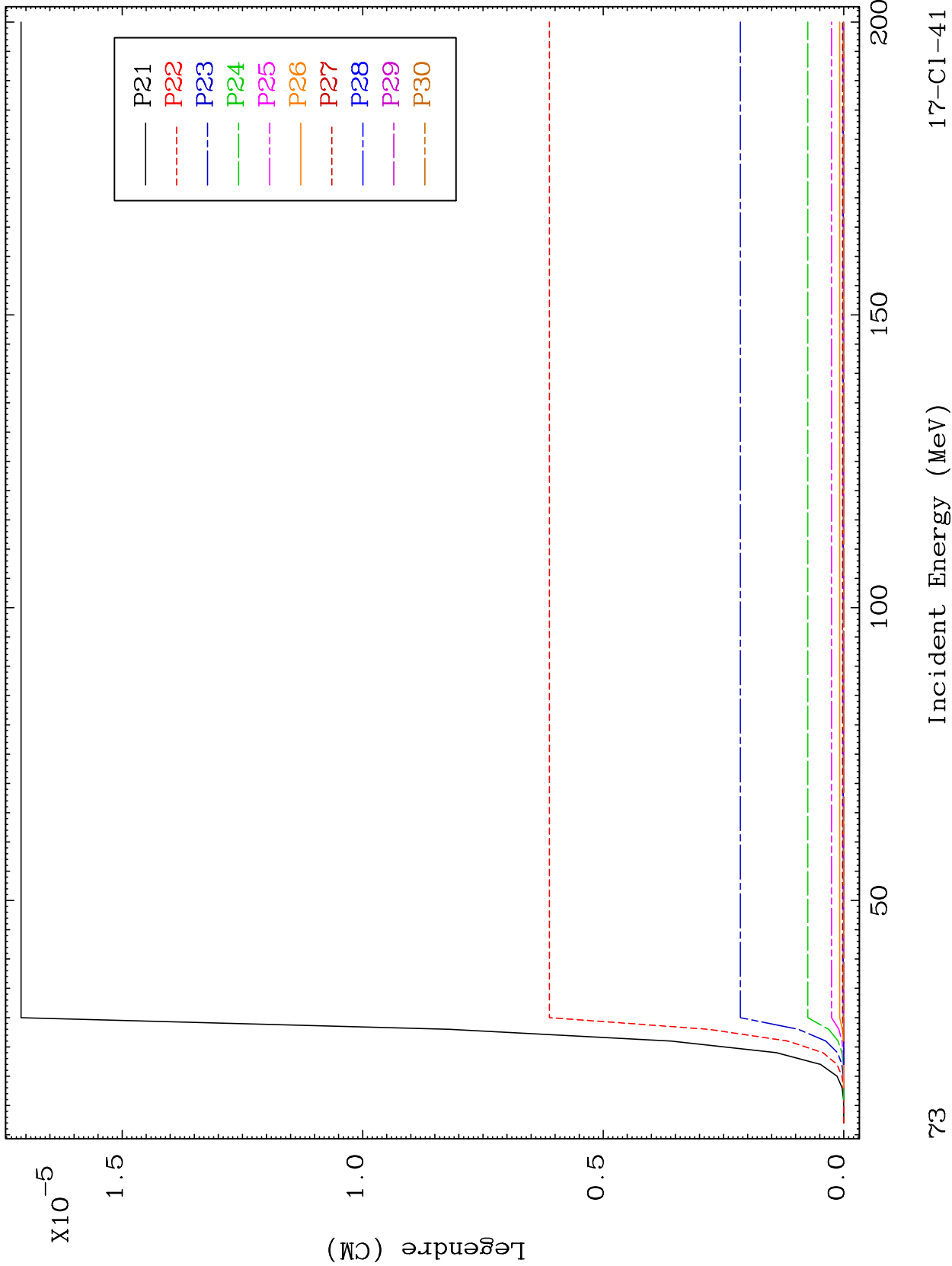
Incident Energy (MeV)

17-Cl-41

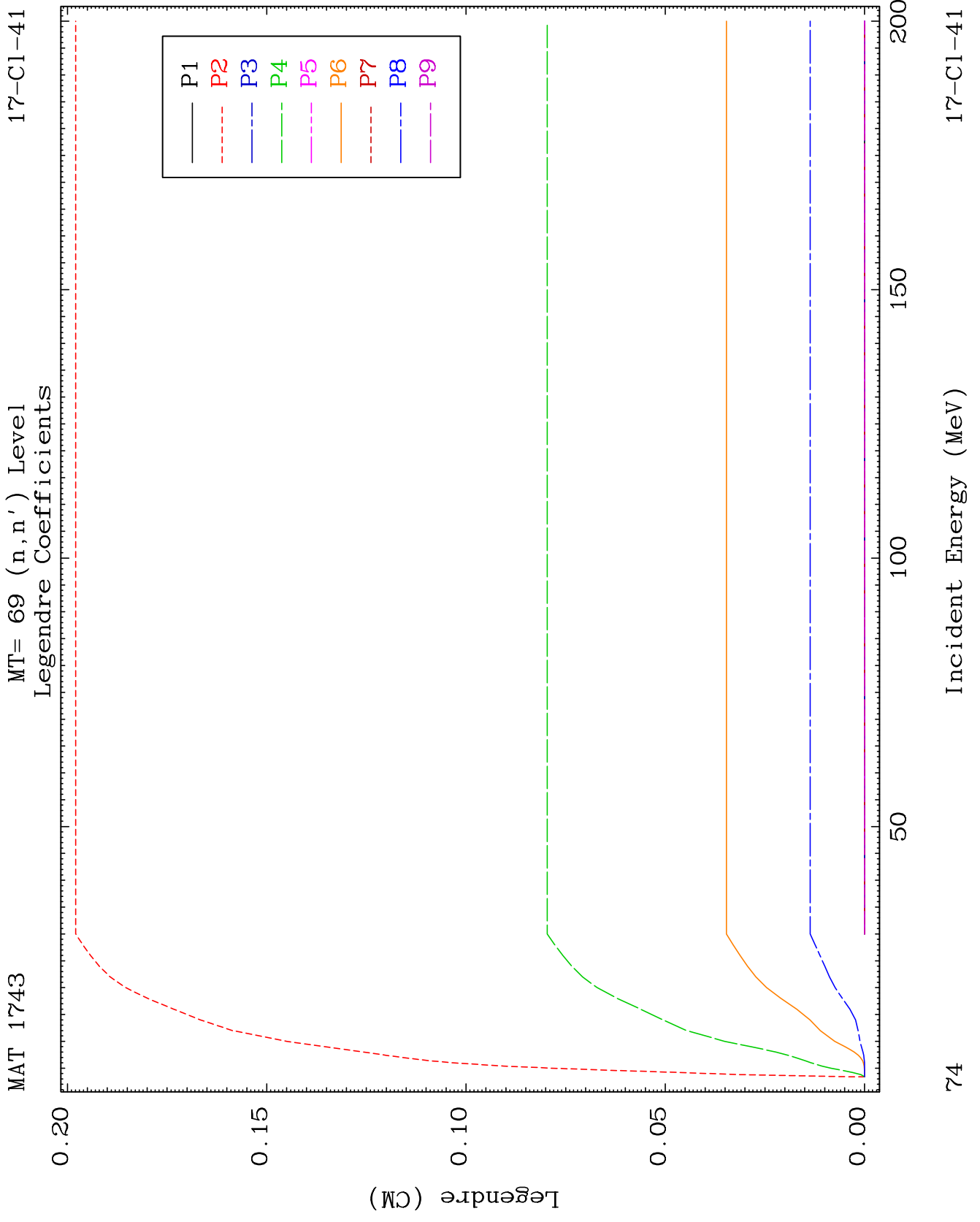
MAT 1743

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

17-Cl-41



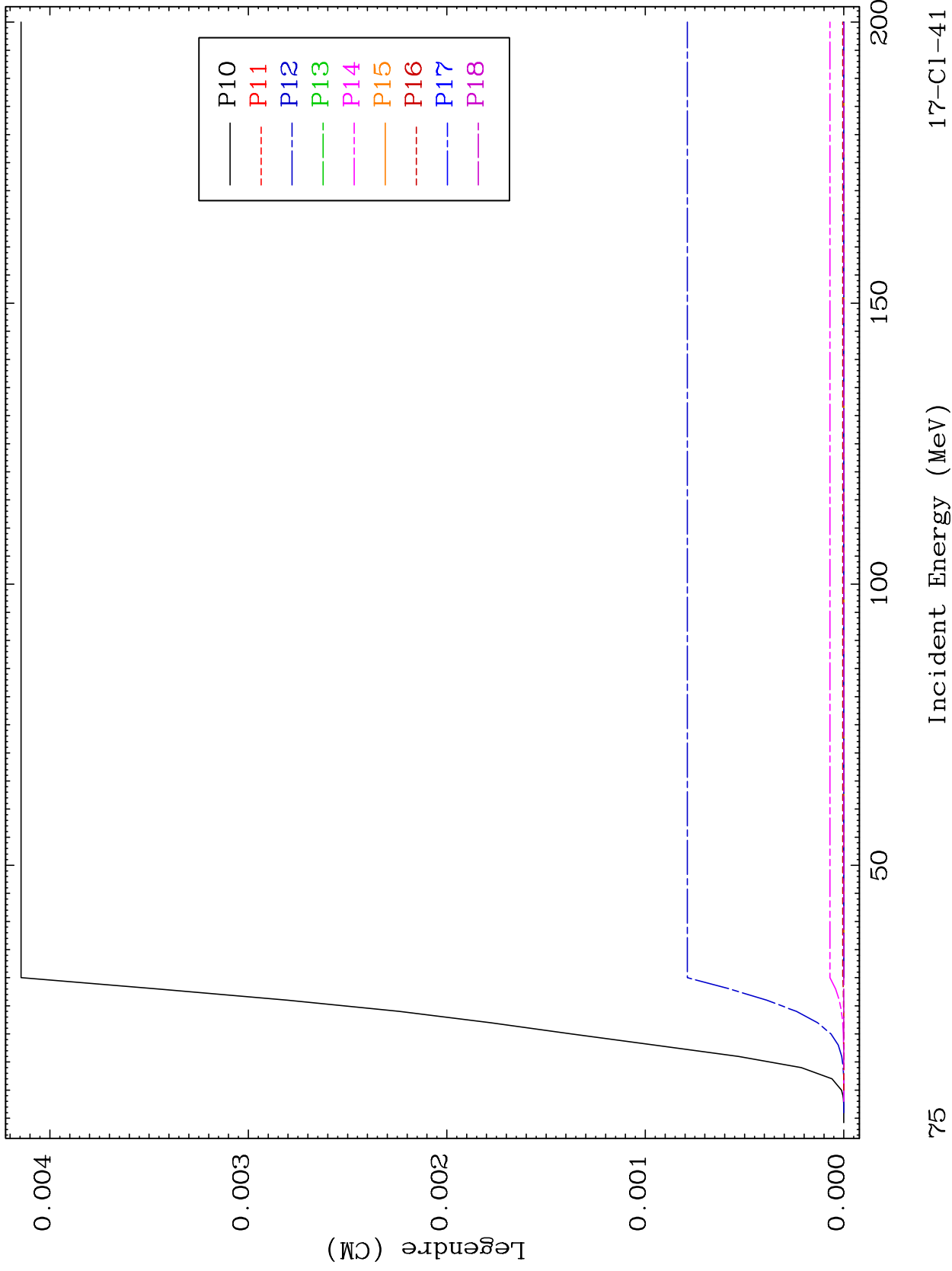
73



MAT 1743

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

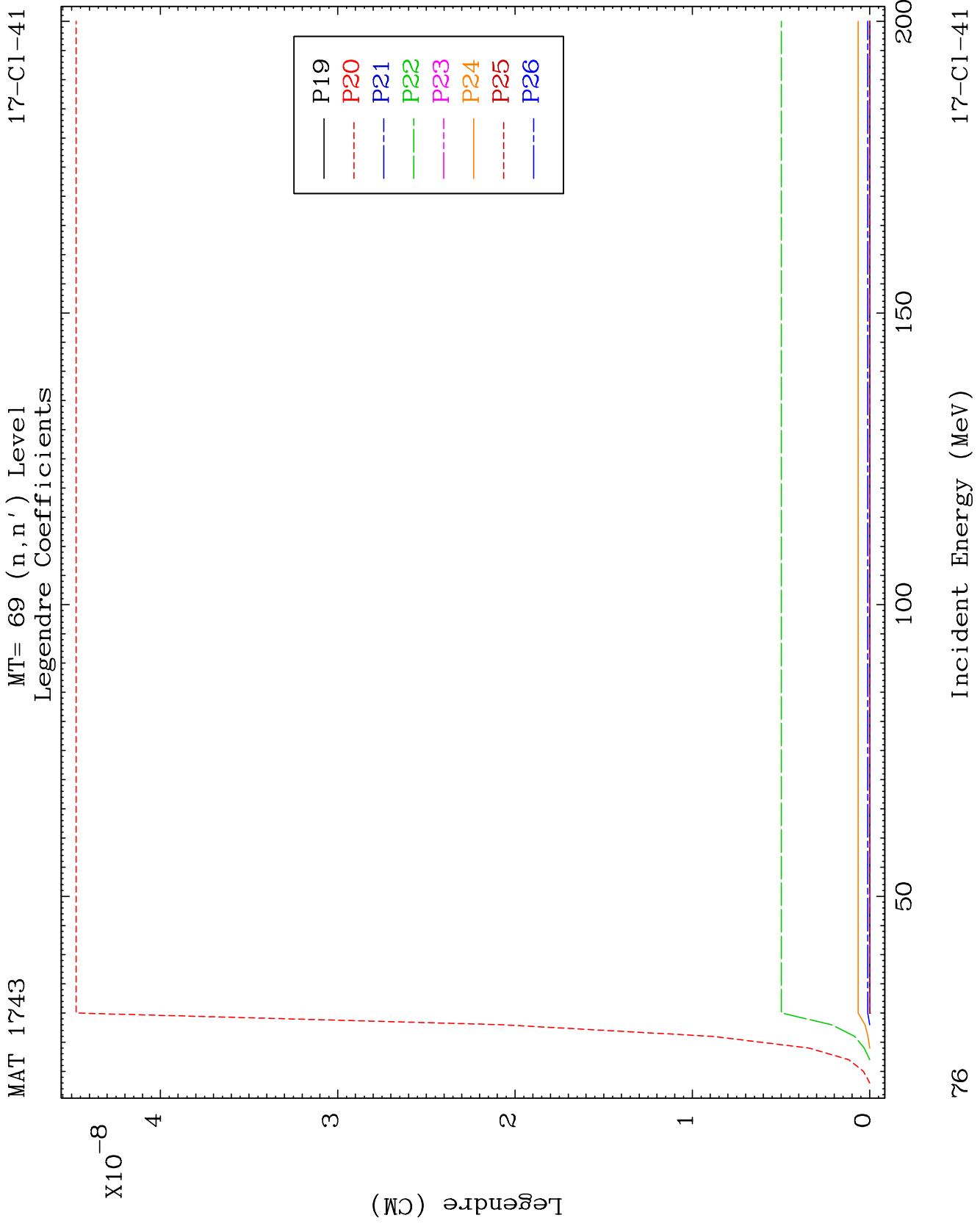
17-Cl-41



75

Incident Energy (MeV)

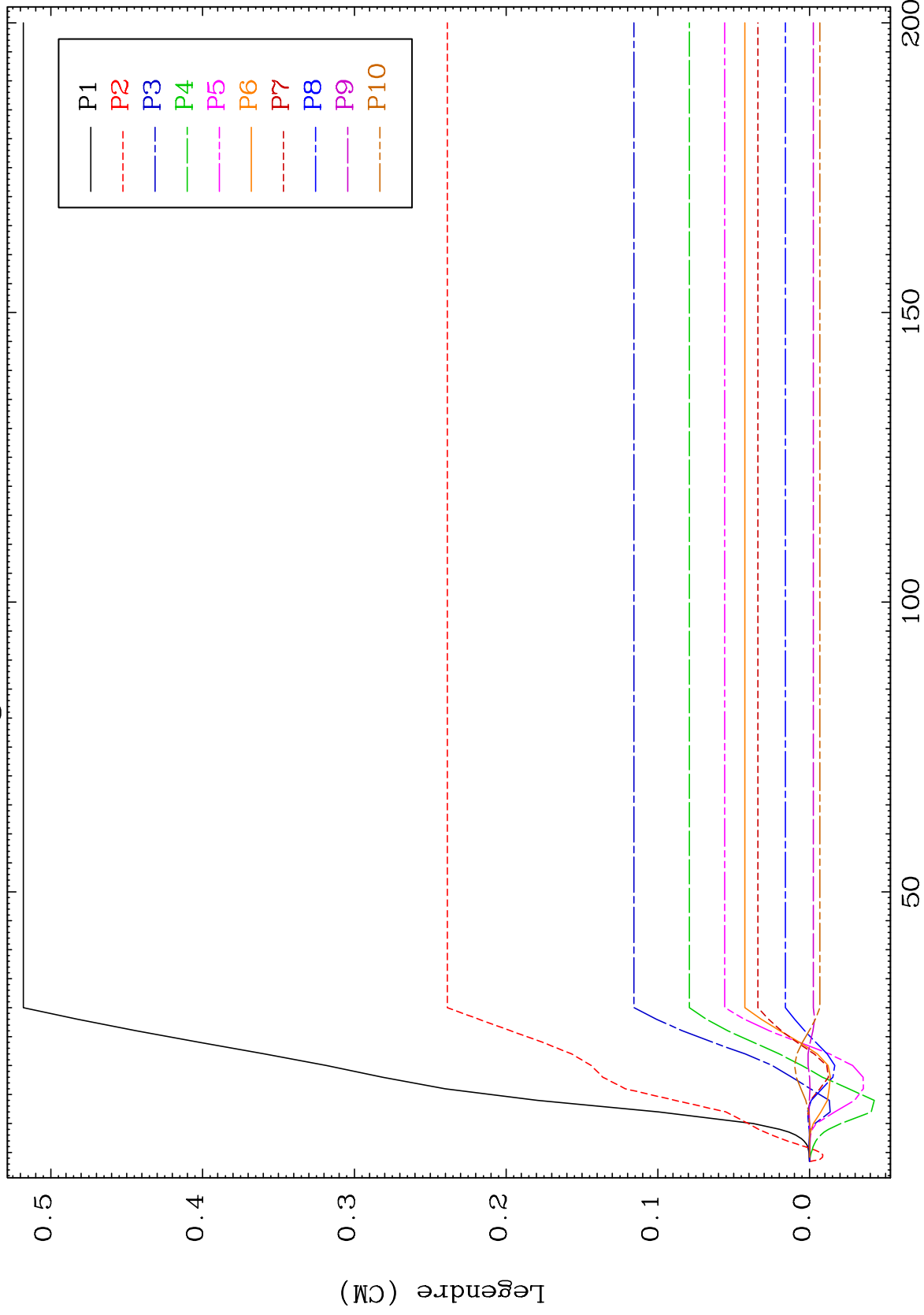
17-Cl-41



MAT 1743

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

17-Cl-41



77

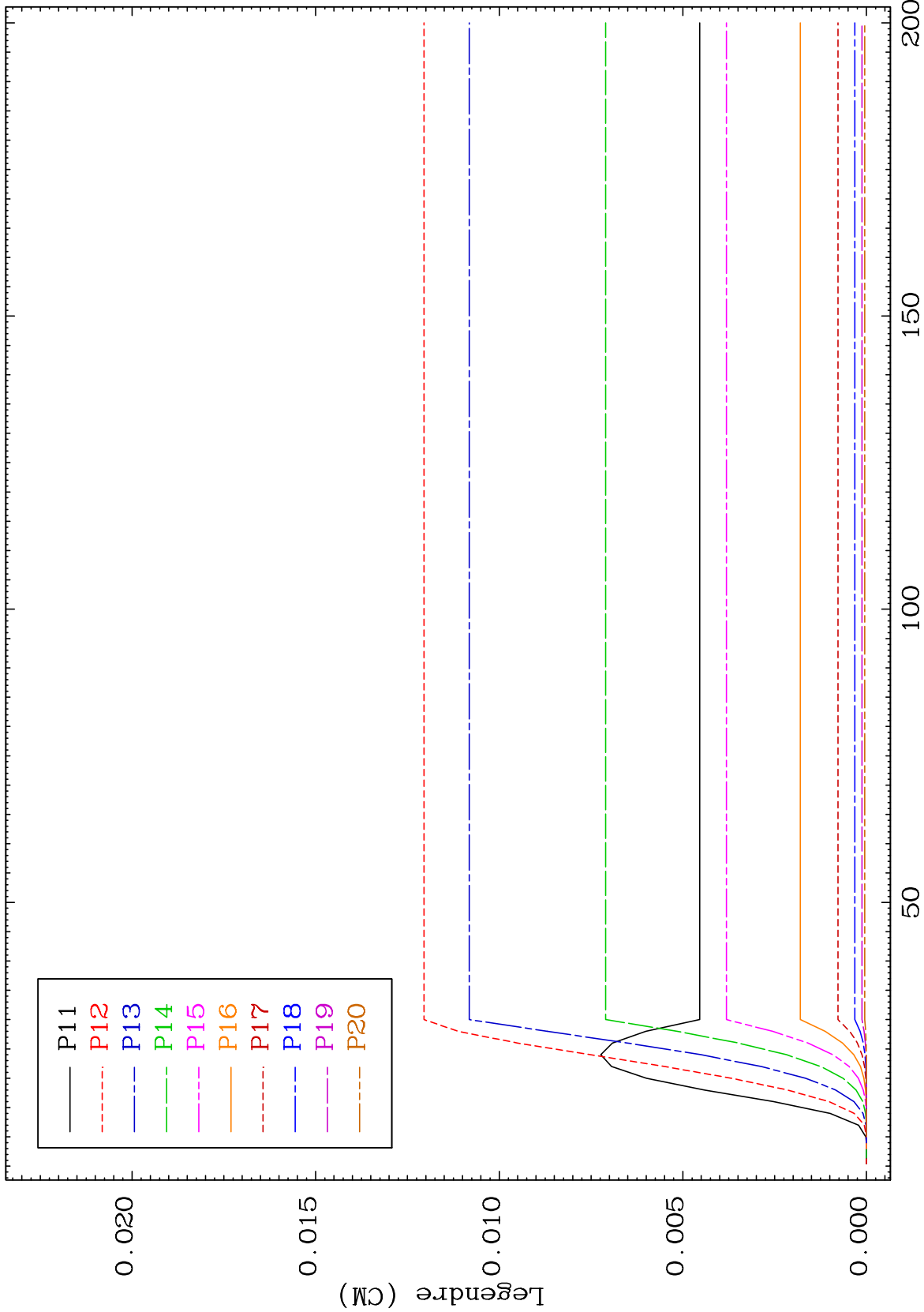
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



78

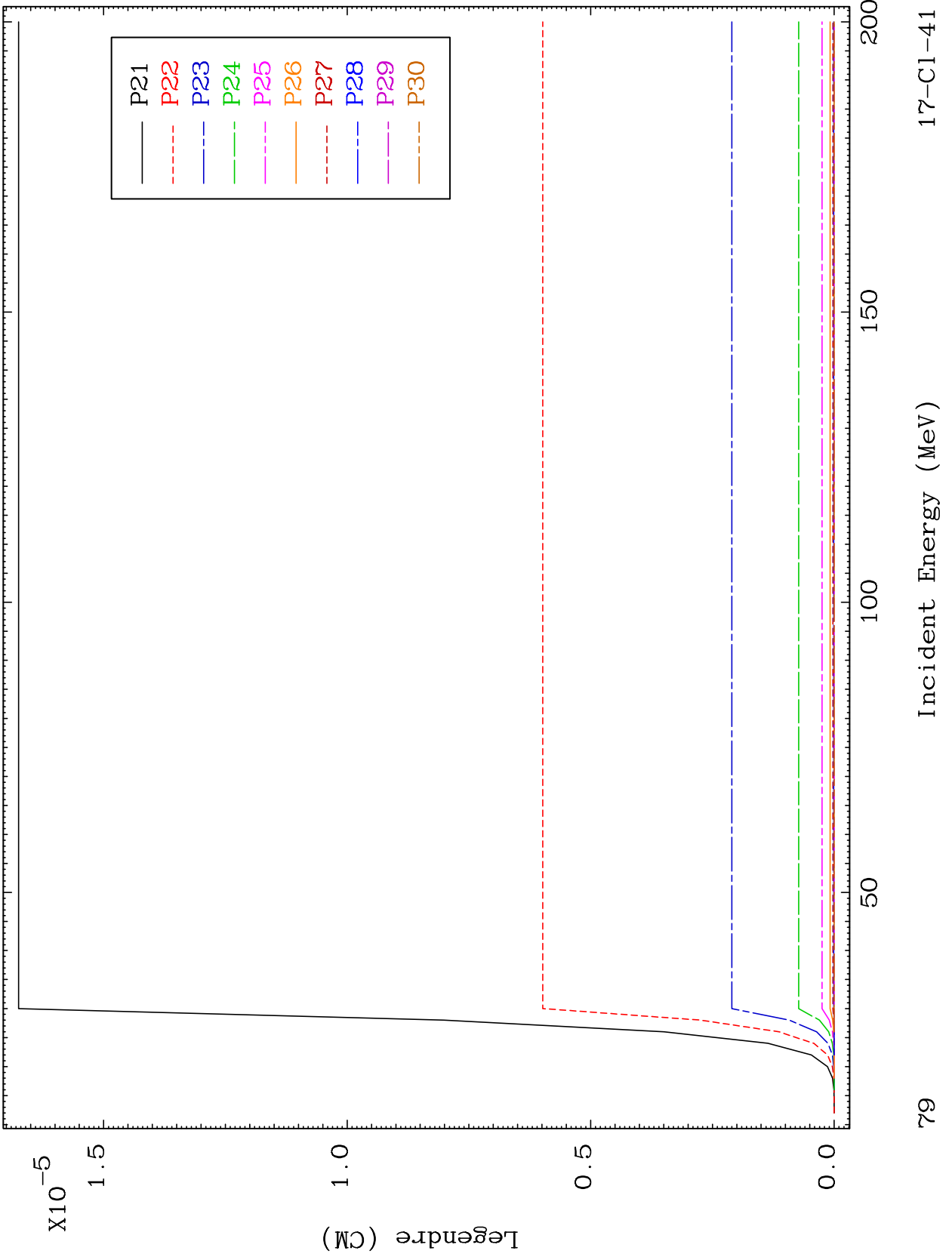
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



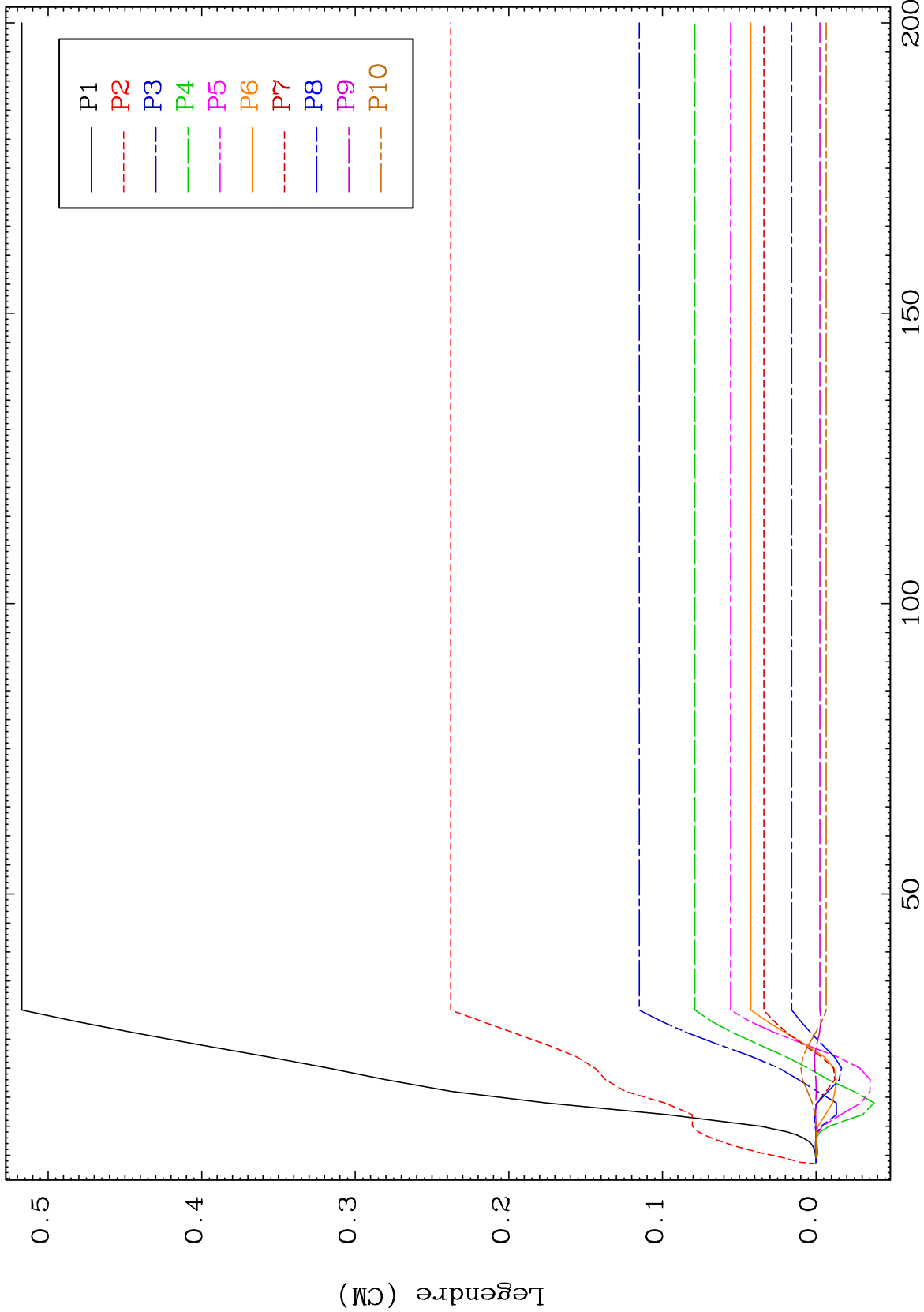


MAT 1743

MT= 71 (n,n') Level

17-Cl-41

Legendre Coefficients



80

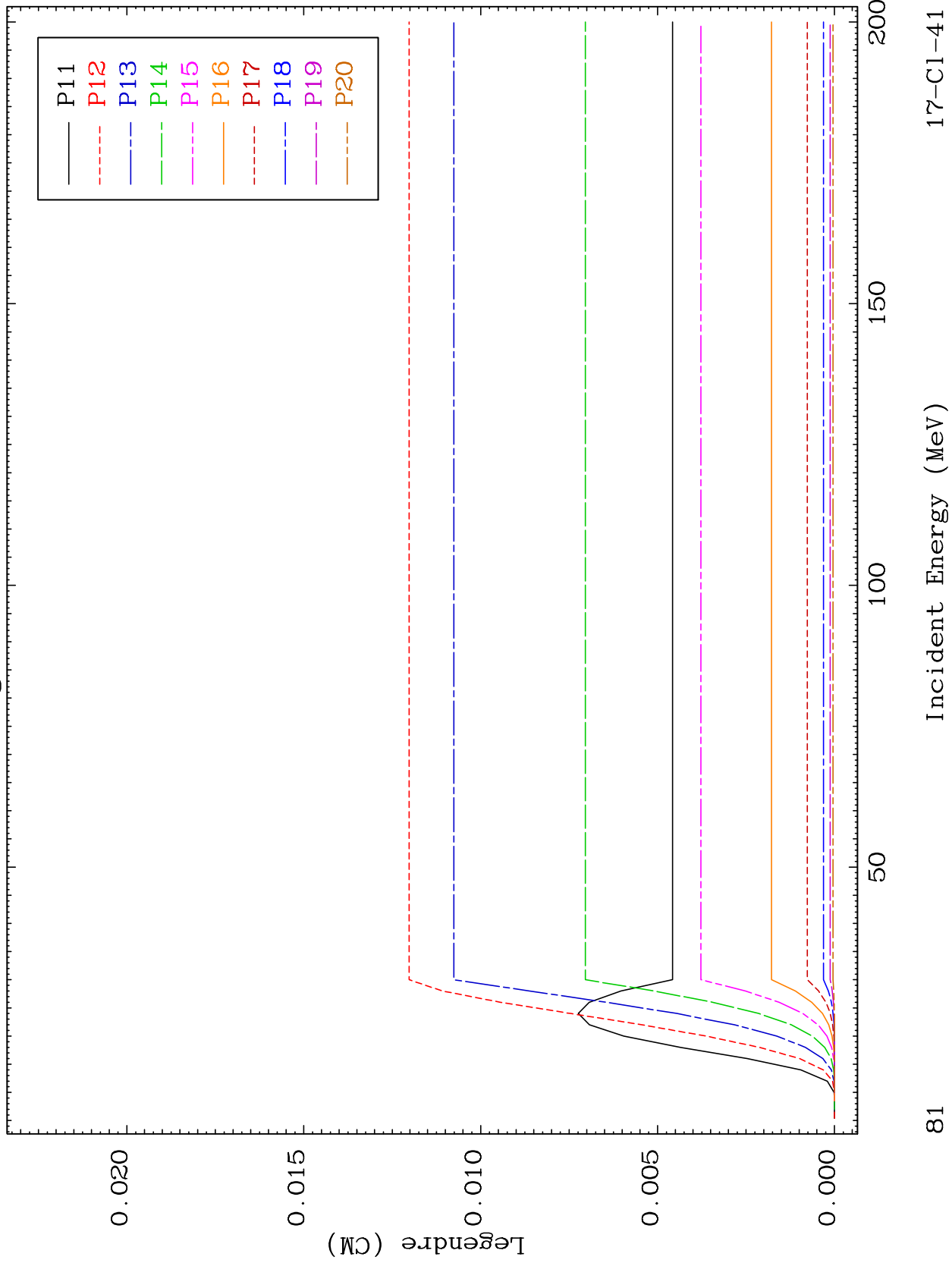
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

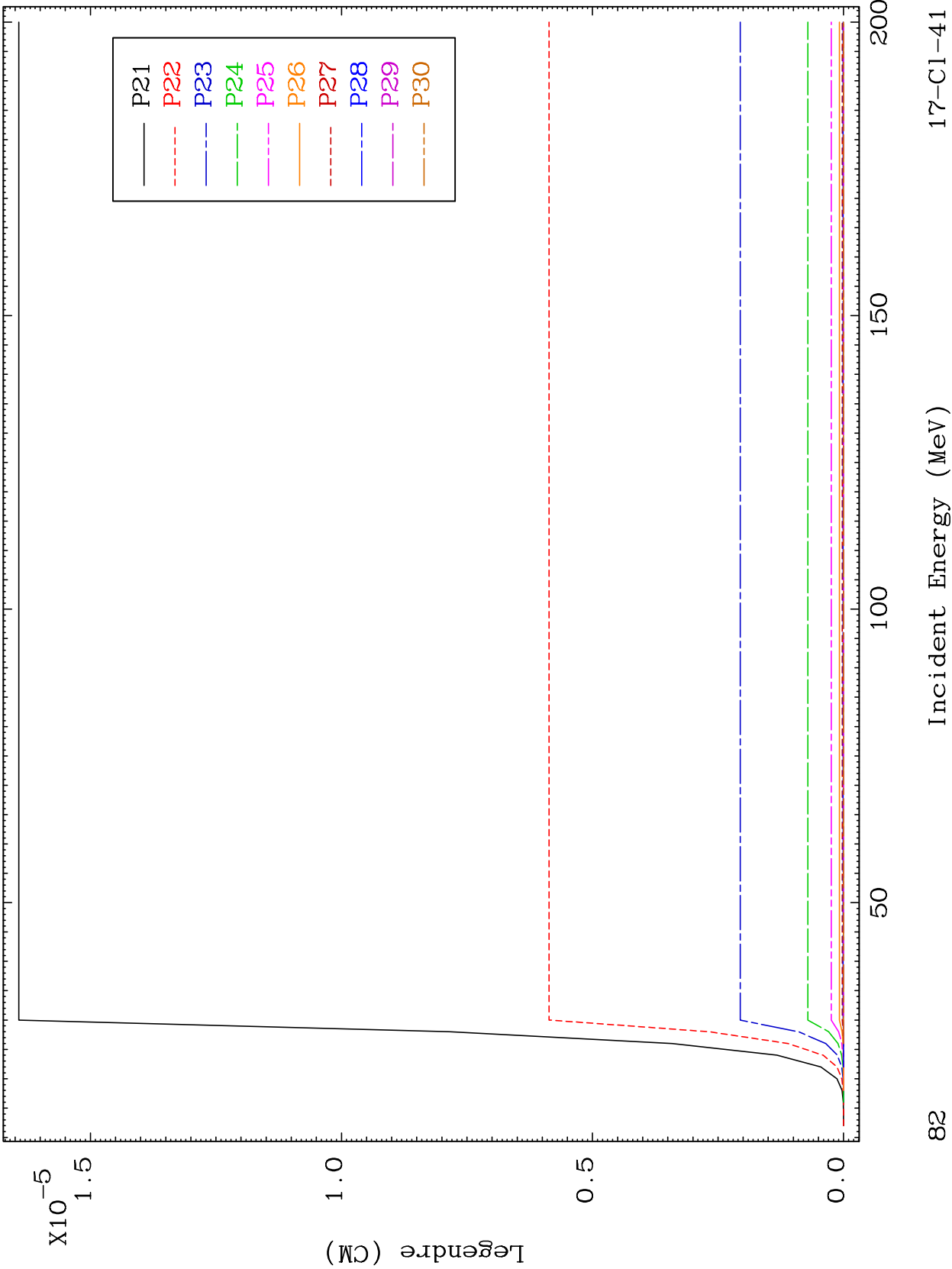


81

MAT 1743

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

17-Cl-41



82

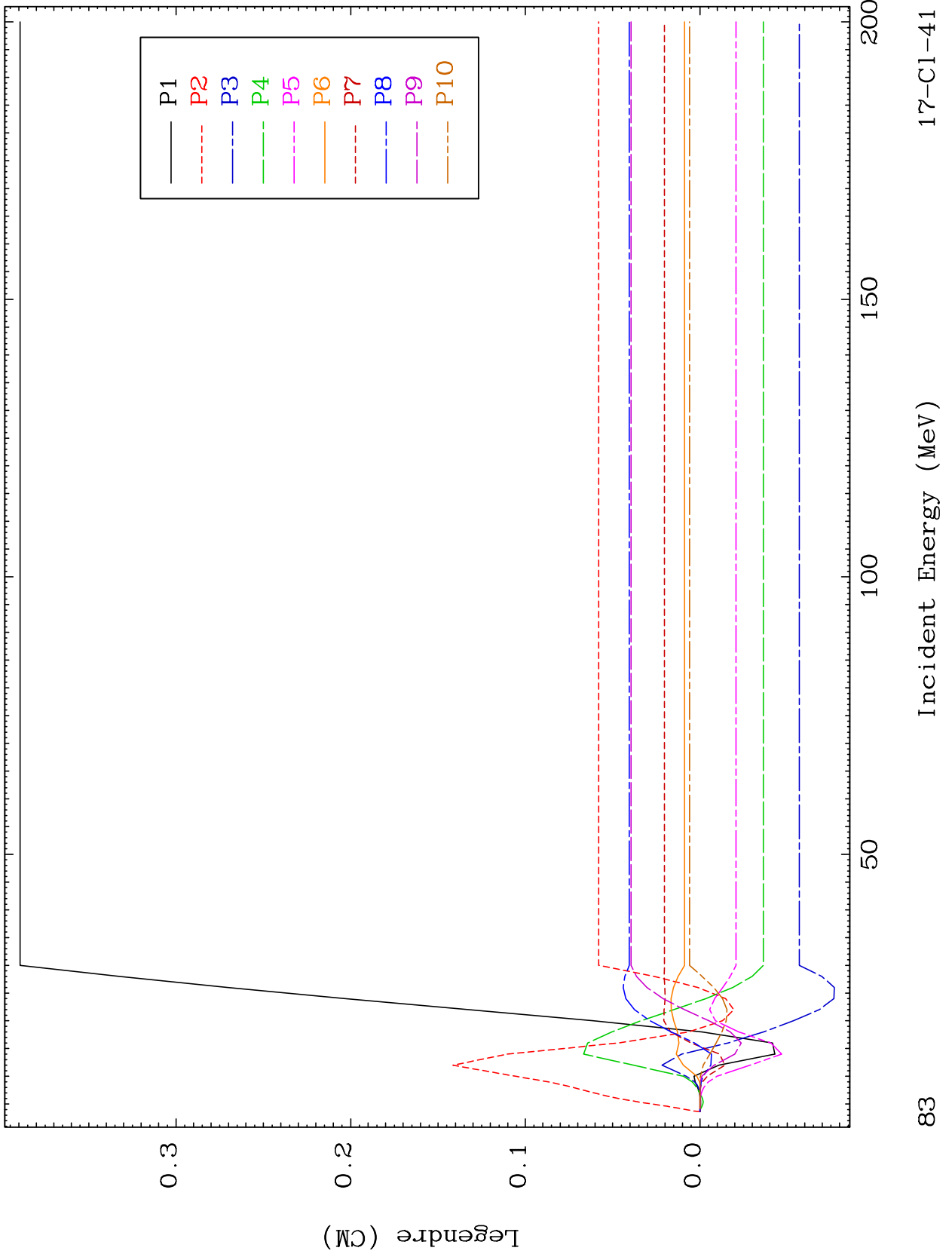
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

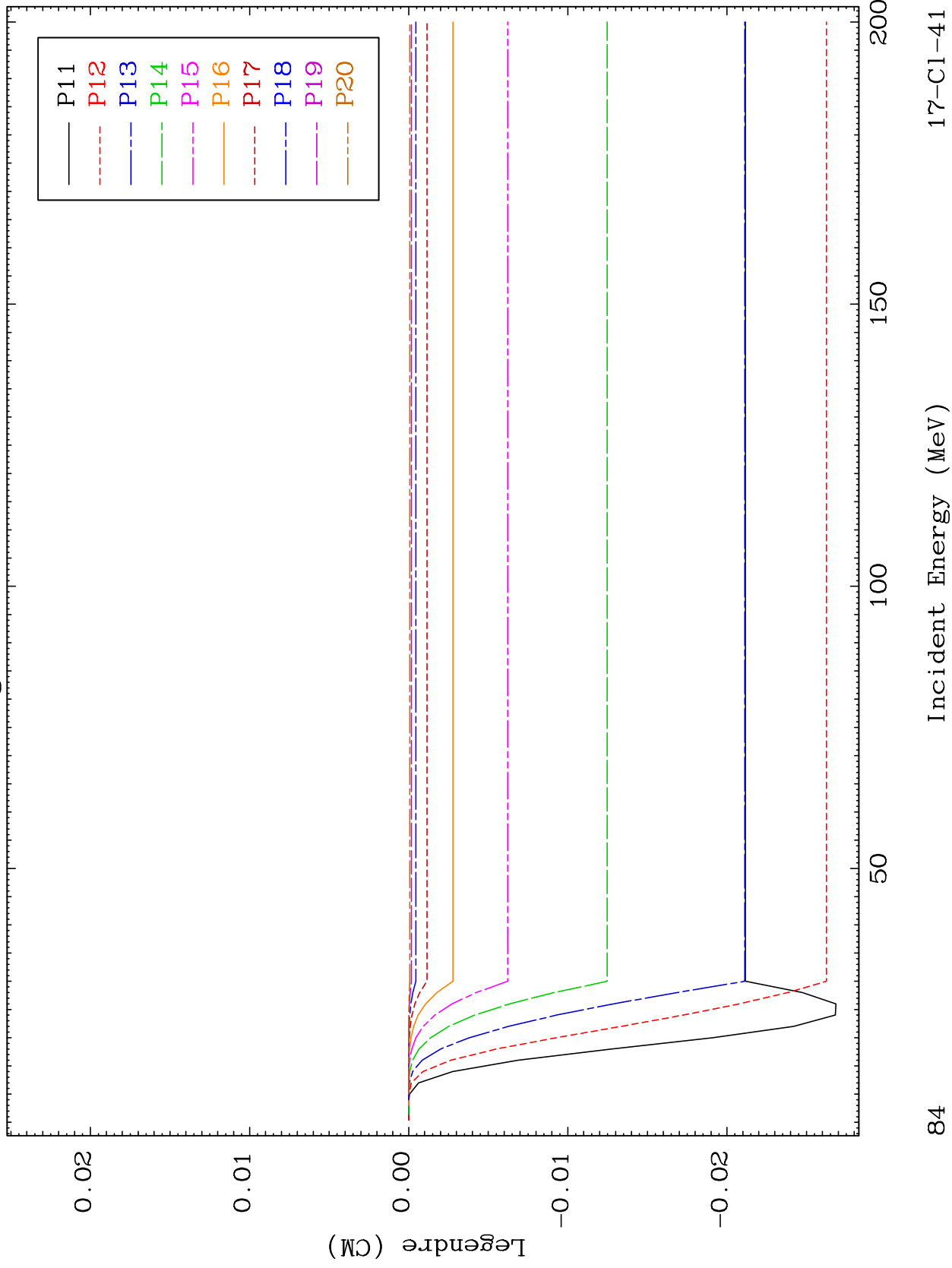
17-Cl-41



MAT 1743

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

17-Cl-41



84

Incident Energy (MeV)

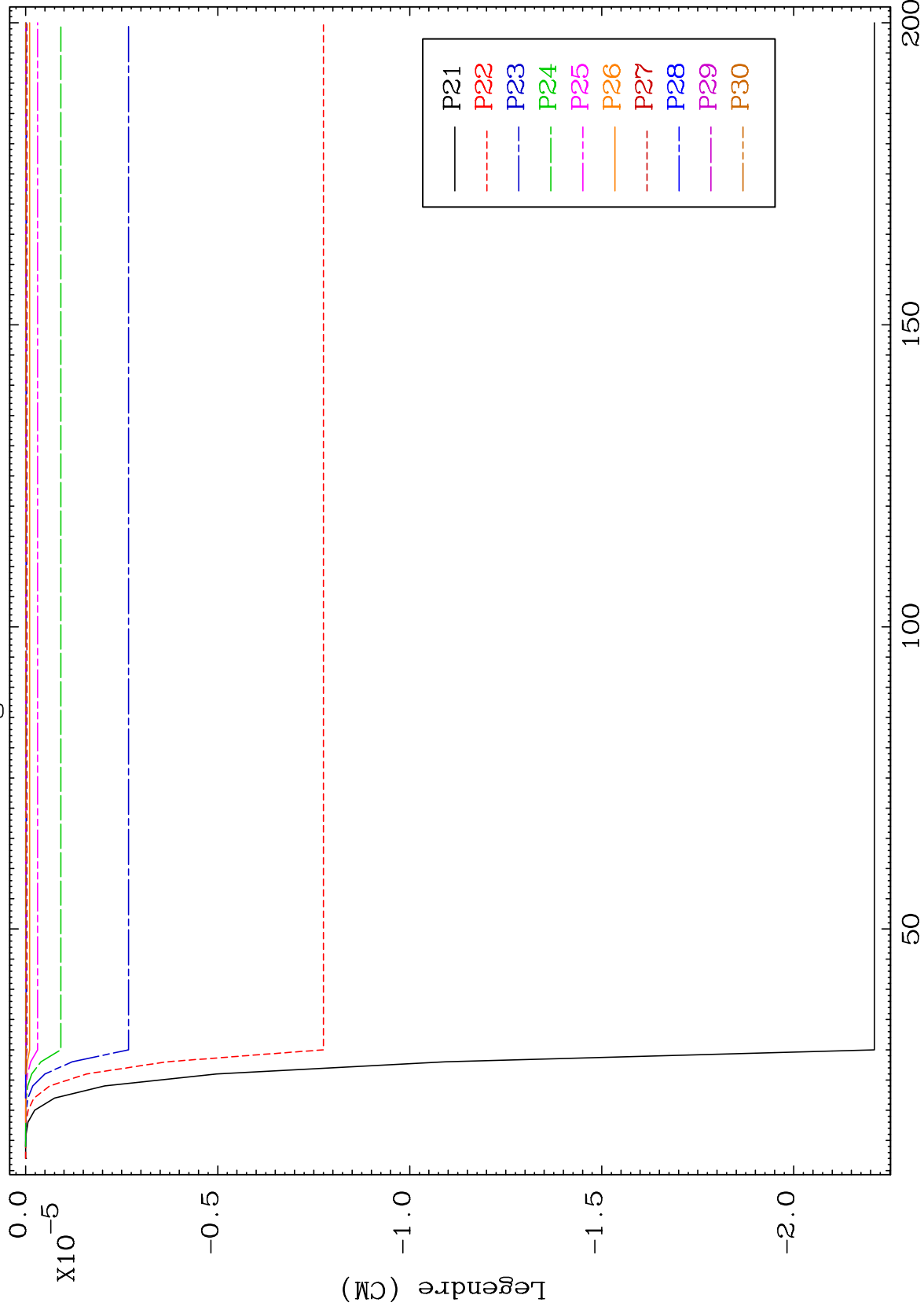
17-Cl-41

MAT 1743

MT= 72 (n,n') Level

17-Cl-41

Legendre Coefficients



85

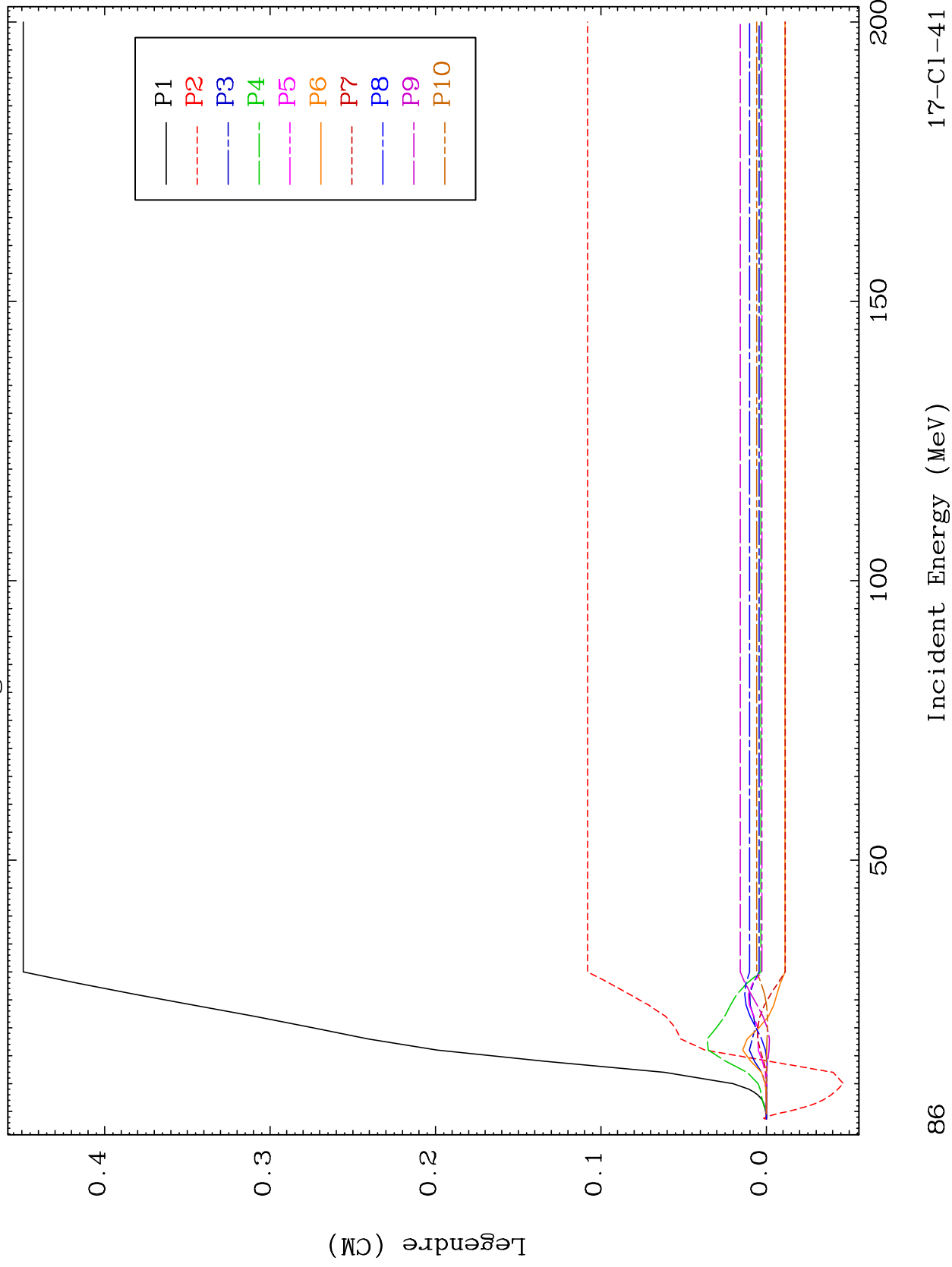
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



86

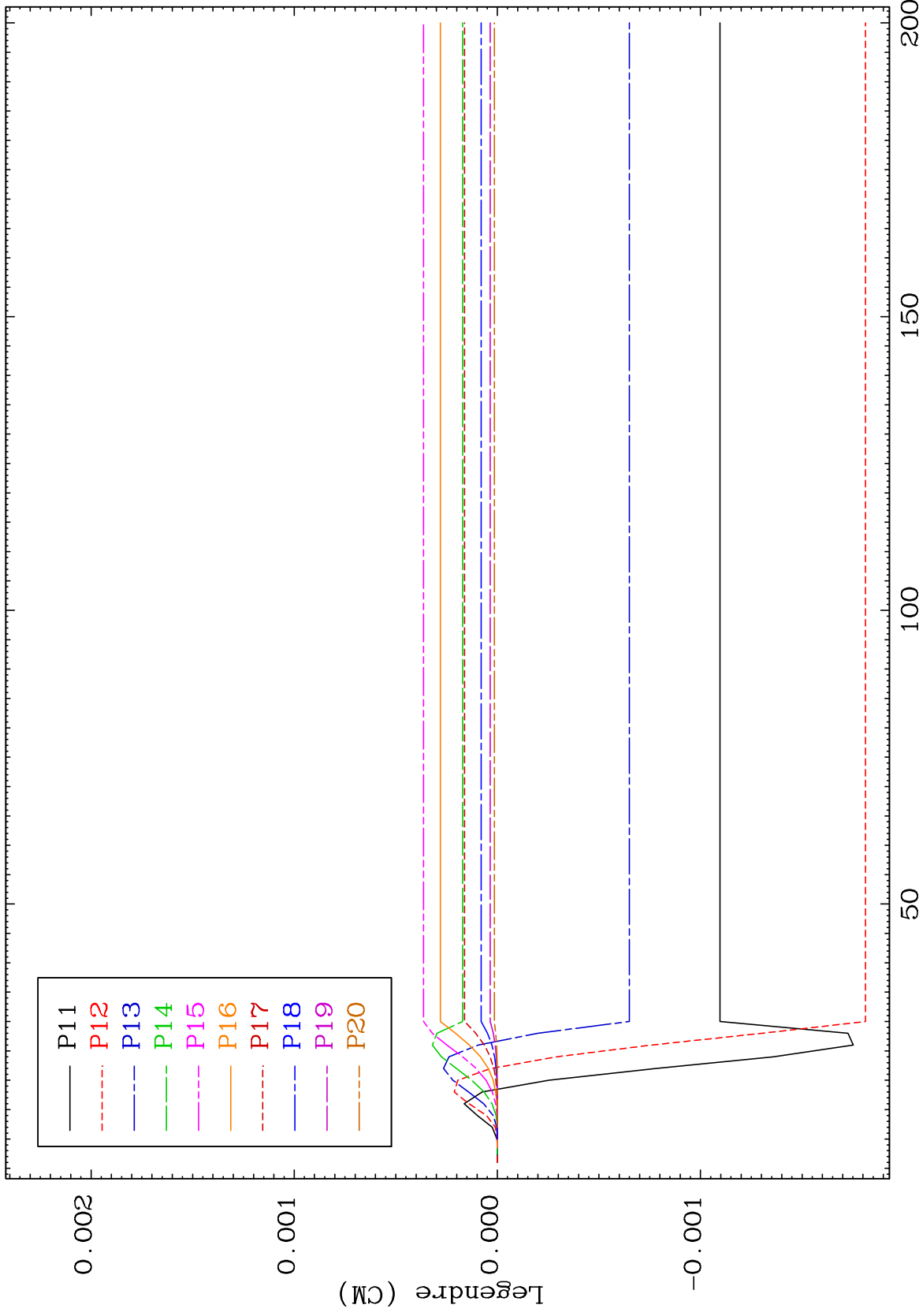
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



87

17-Cl-41

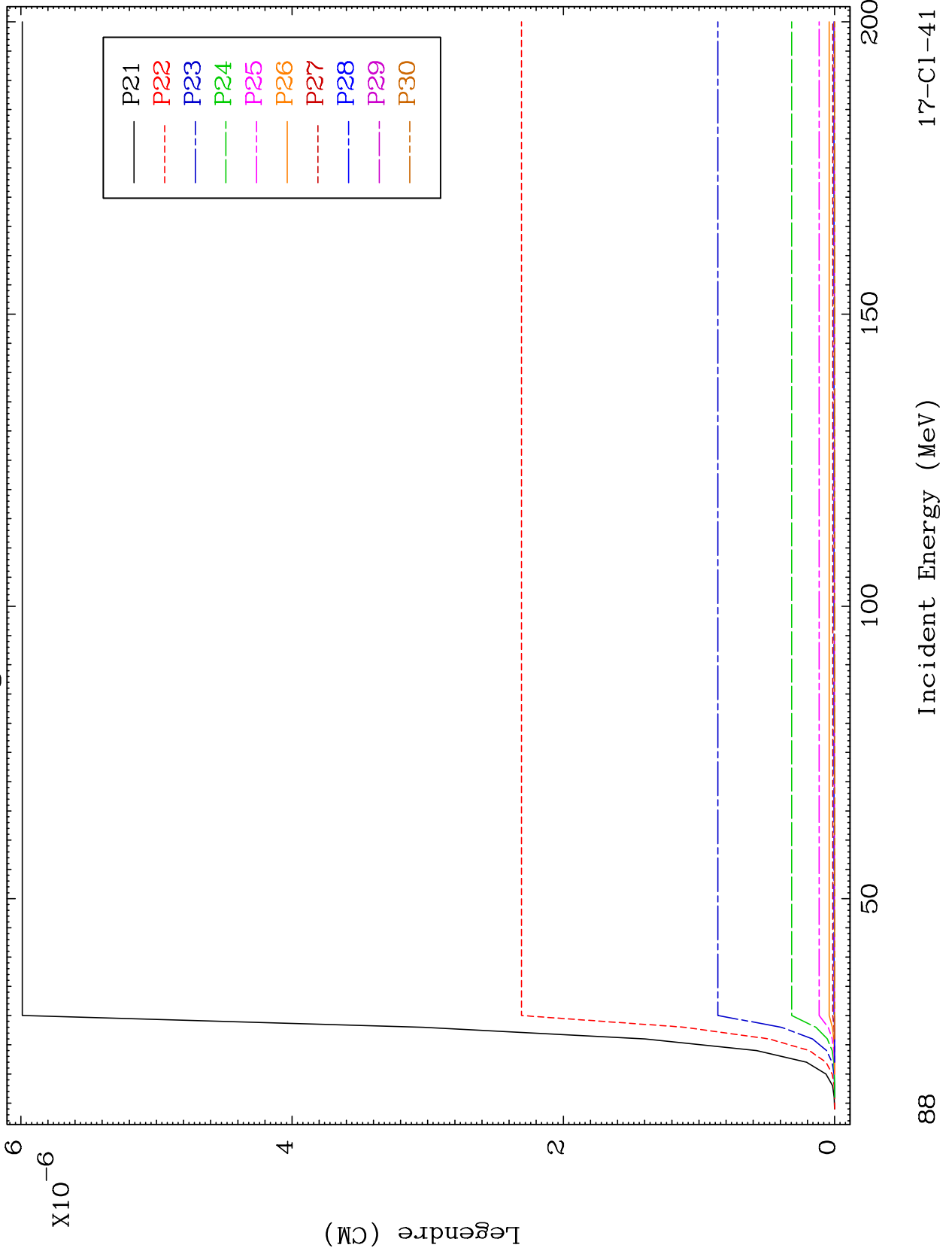
Incident Energy (MeV)



MAT 1743

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

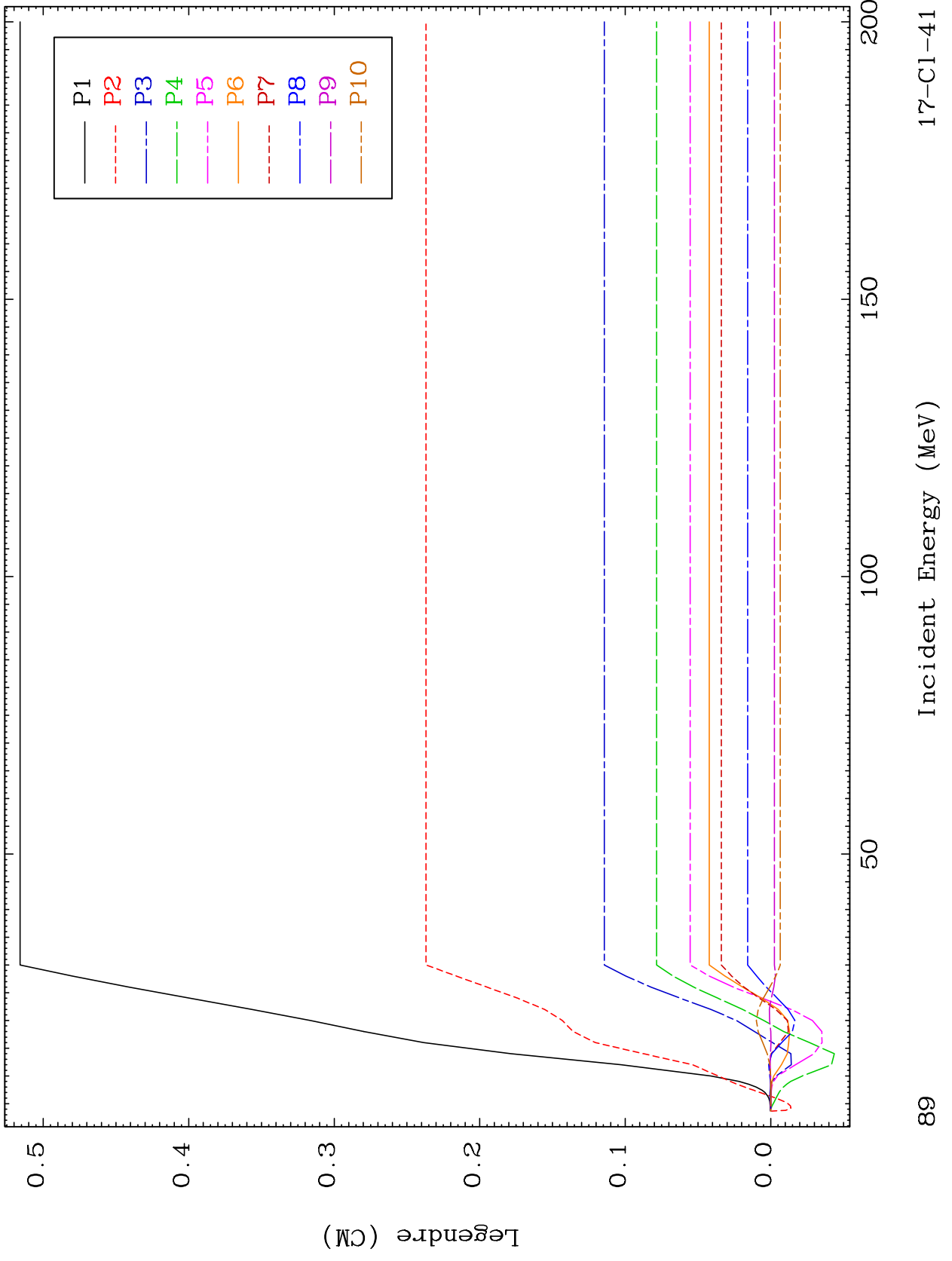
17-Cl-41



MAT 1743

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

17-Cl-41



89

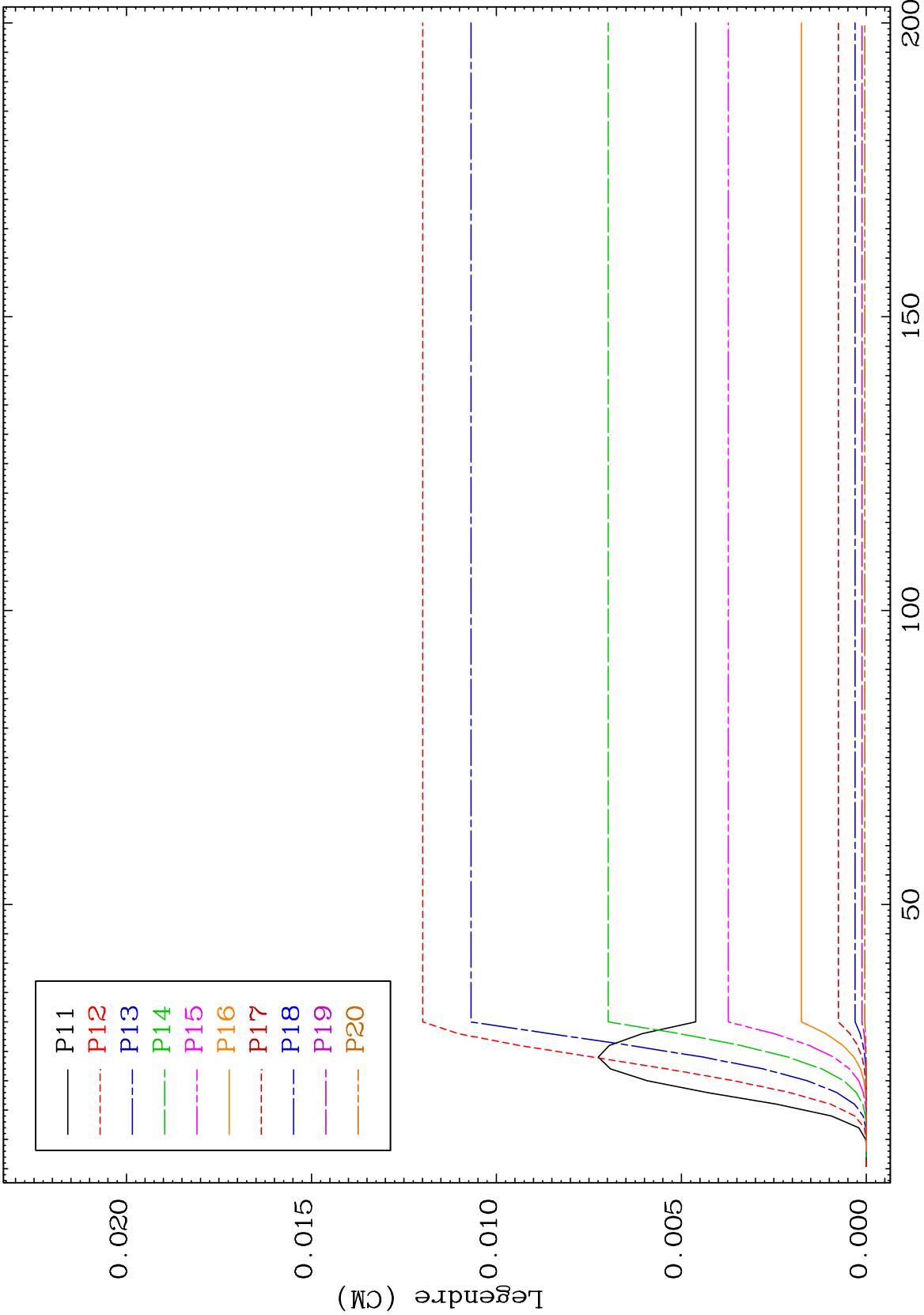
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



90

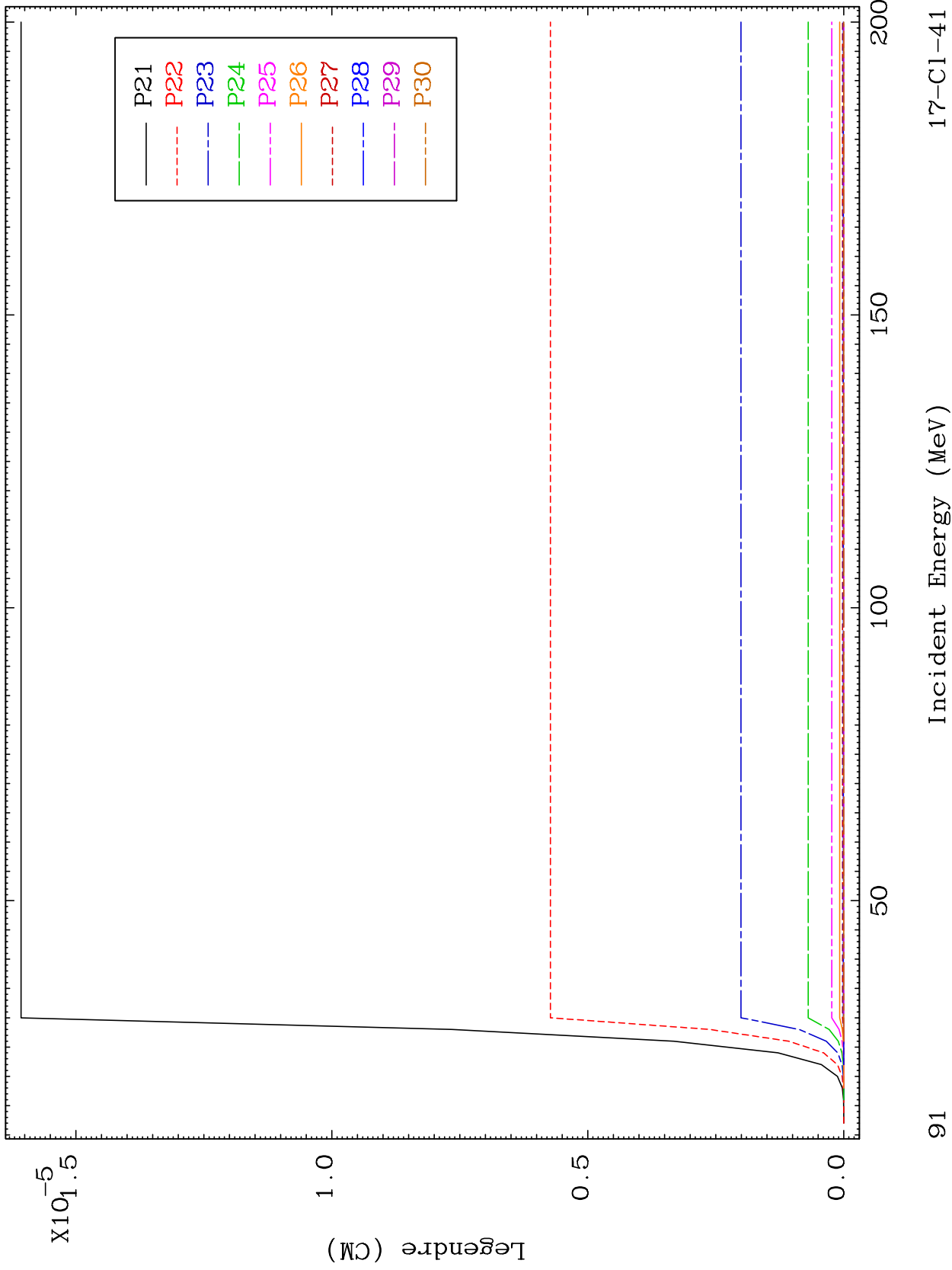
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

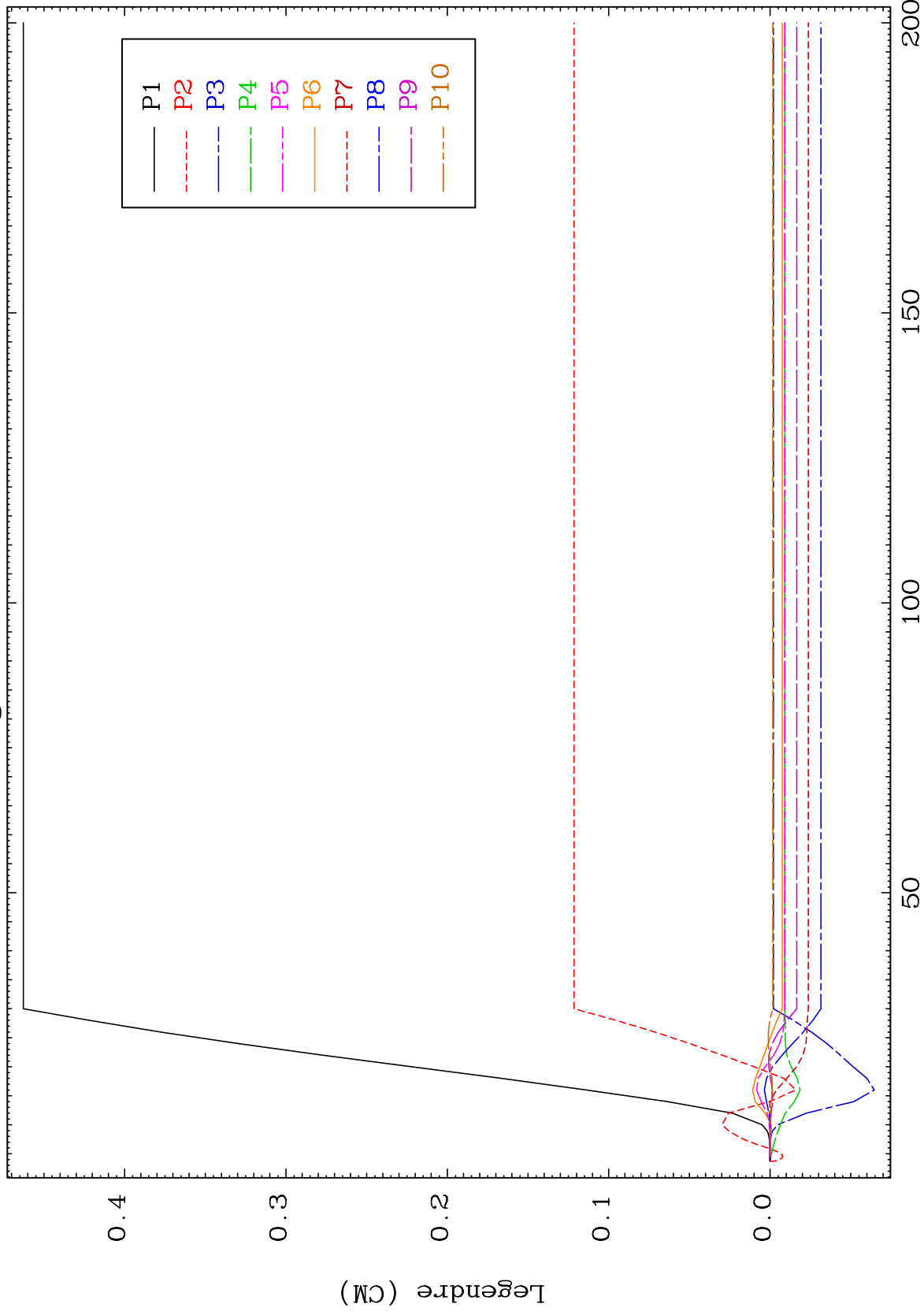
17-Cl-41



MAT 1743

MT= 75 (n,n') Level  
Legendre Coefficients

17-Cl-41



92

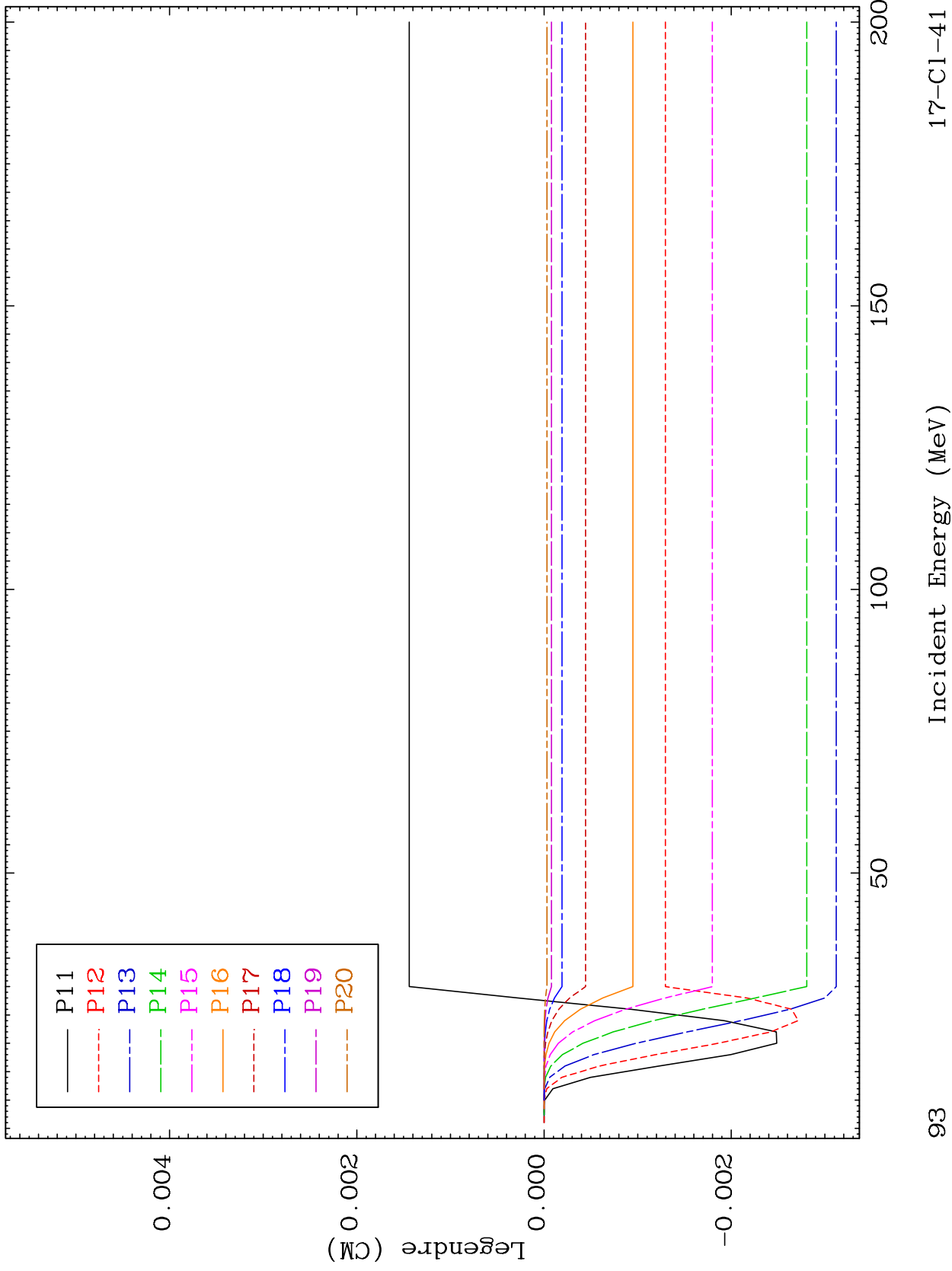
Incident Energy (MeV)

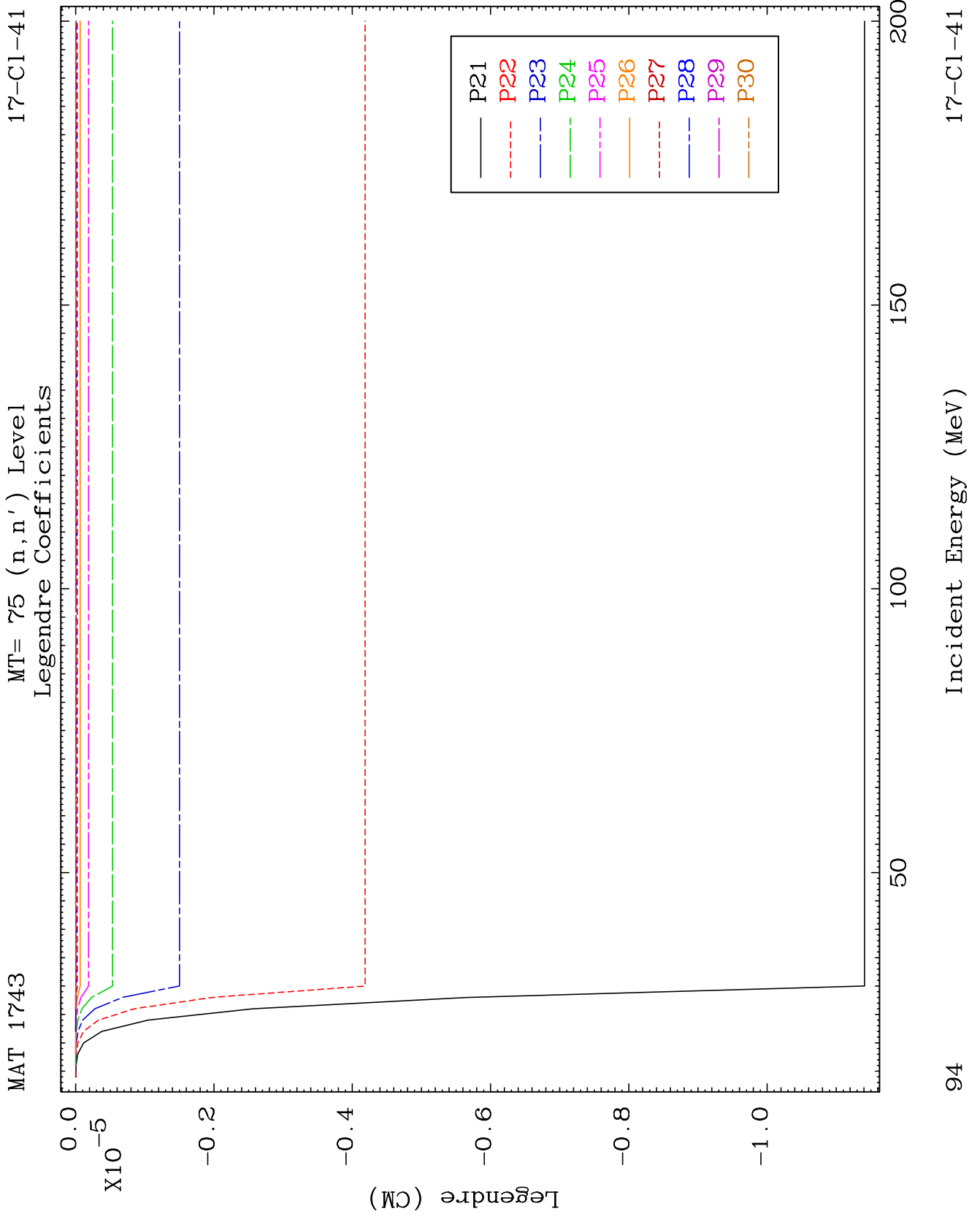
17-Cl-41

MAT 1743

MT= 75 (n,n') Level  
Legendre Coefficients

17-Cl-41

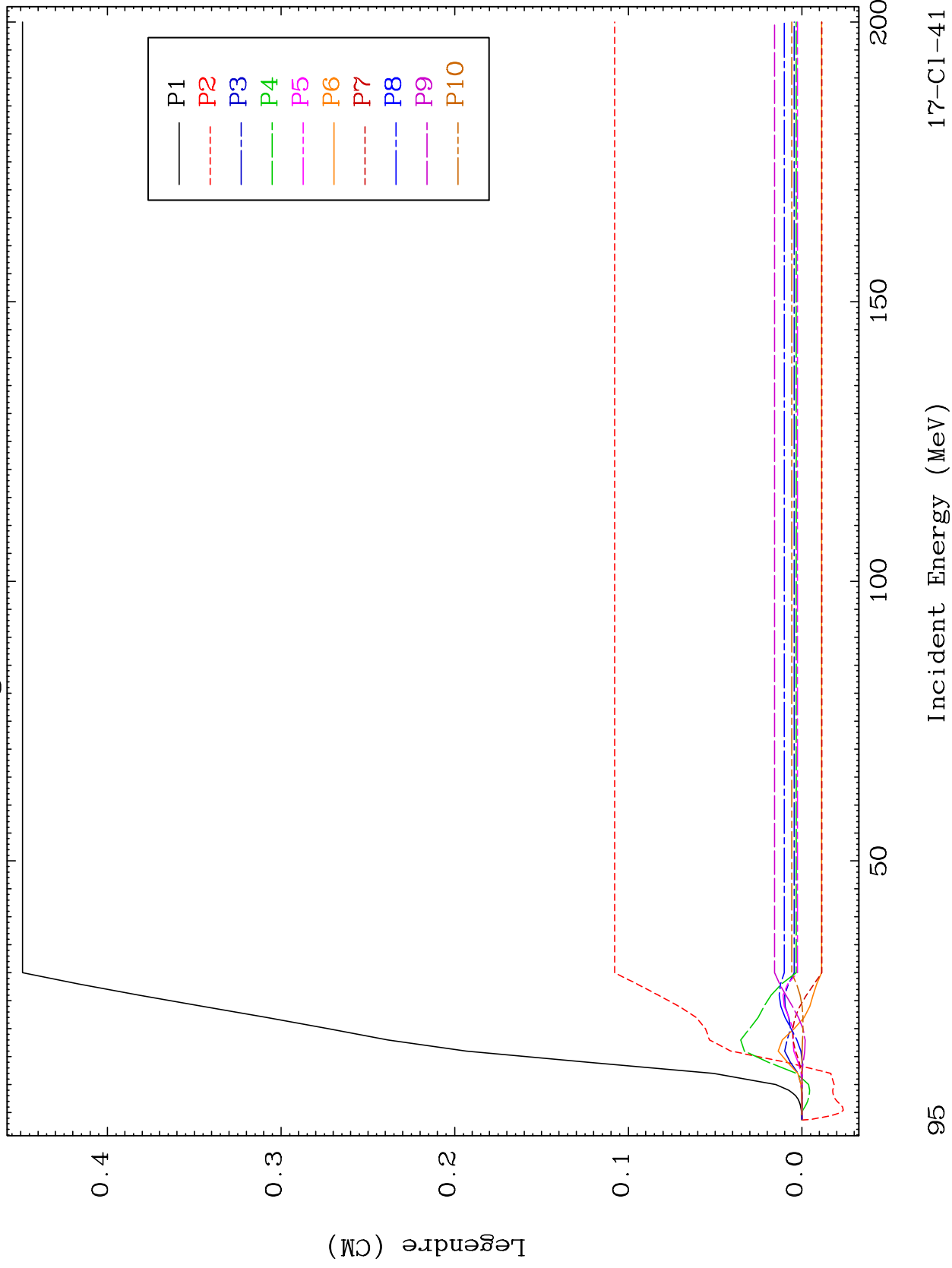




MAT 1743

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

17-Cl-41

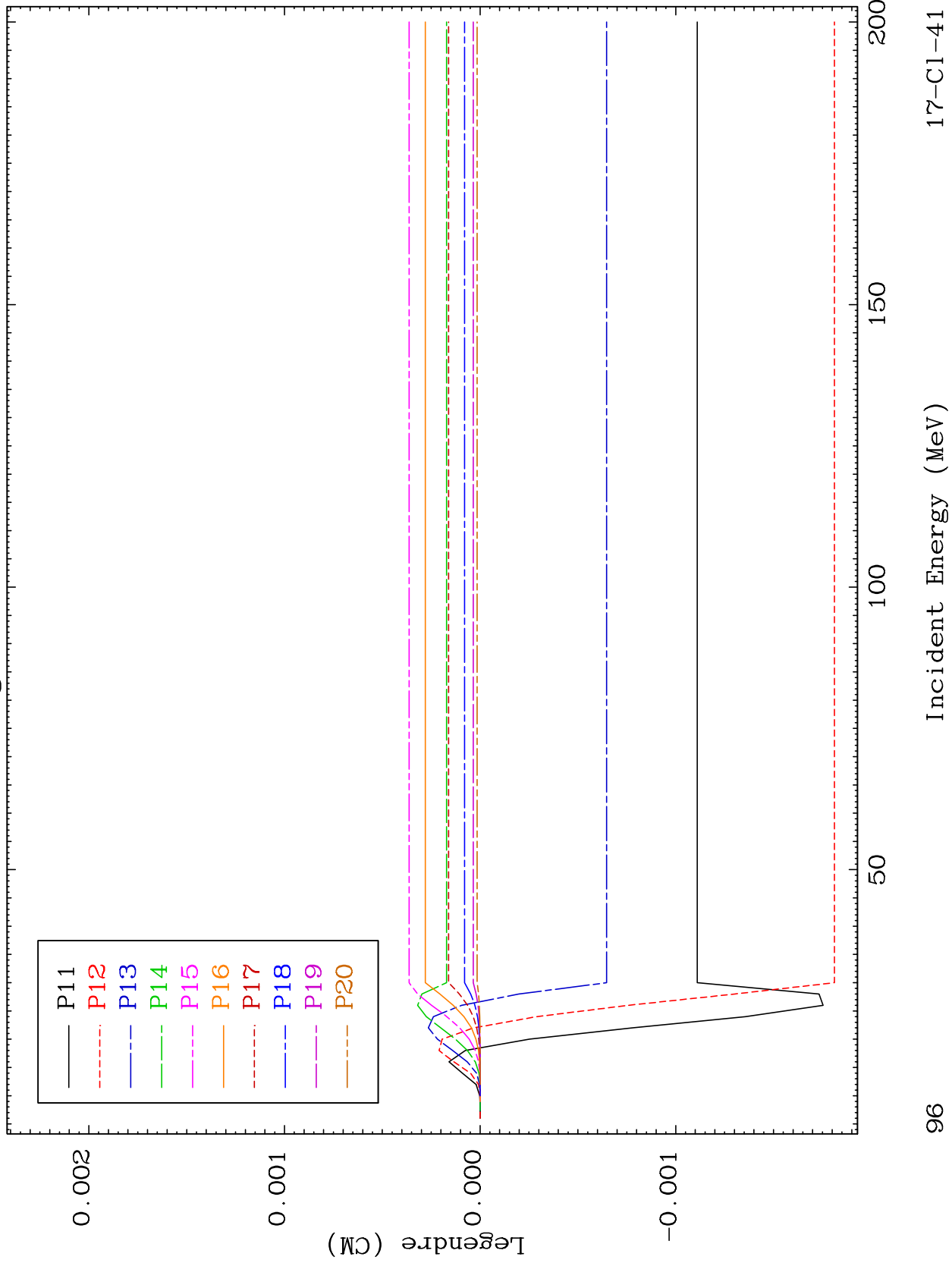




MAT 1743

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

17-Cl-41

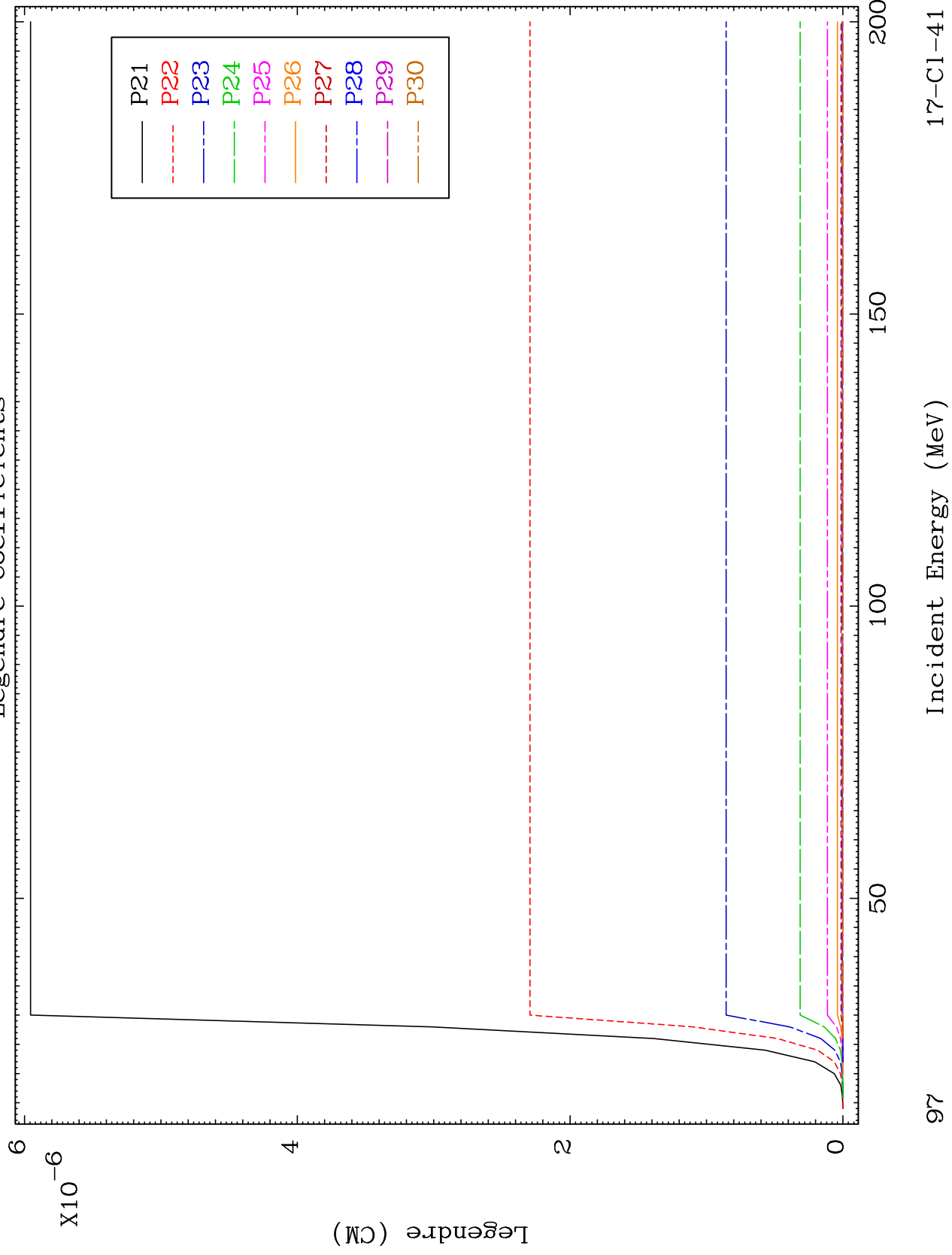


96

MAT 1743

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

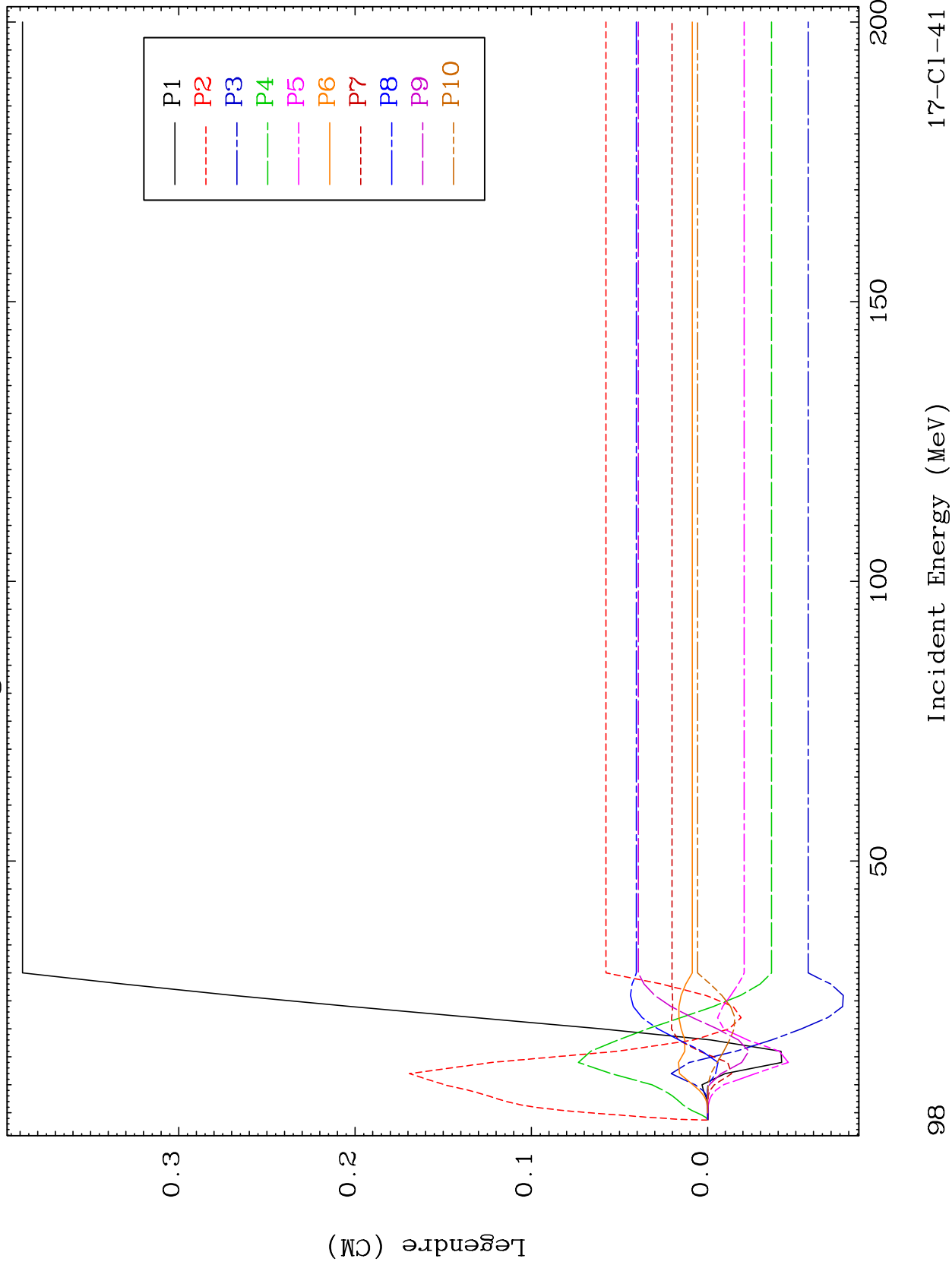
17-Cl-41



MAT 1743

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

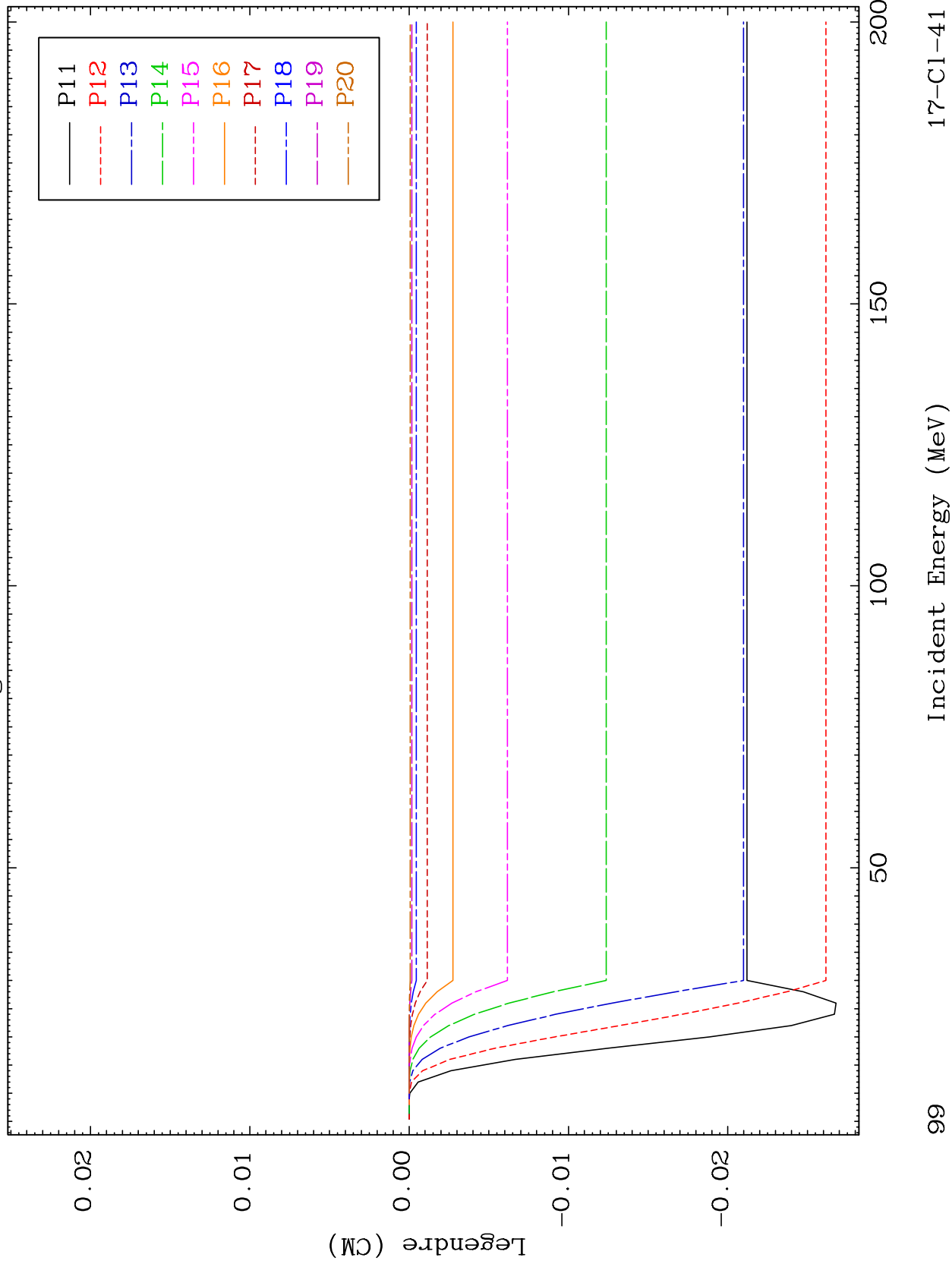
17-Cl-41



MAT 1743

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

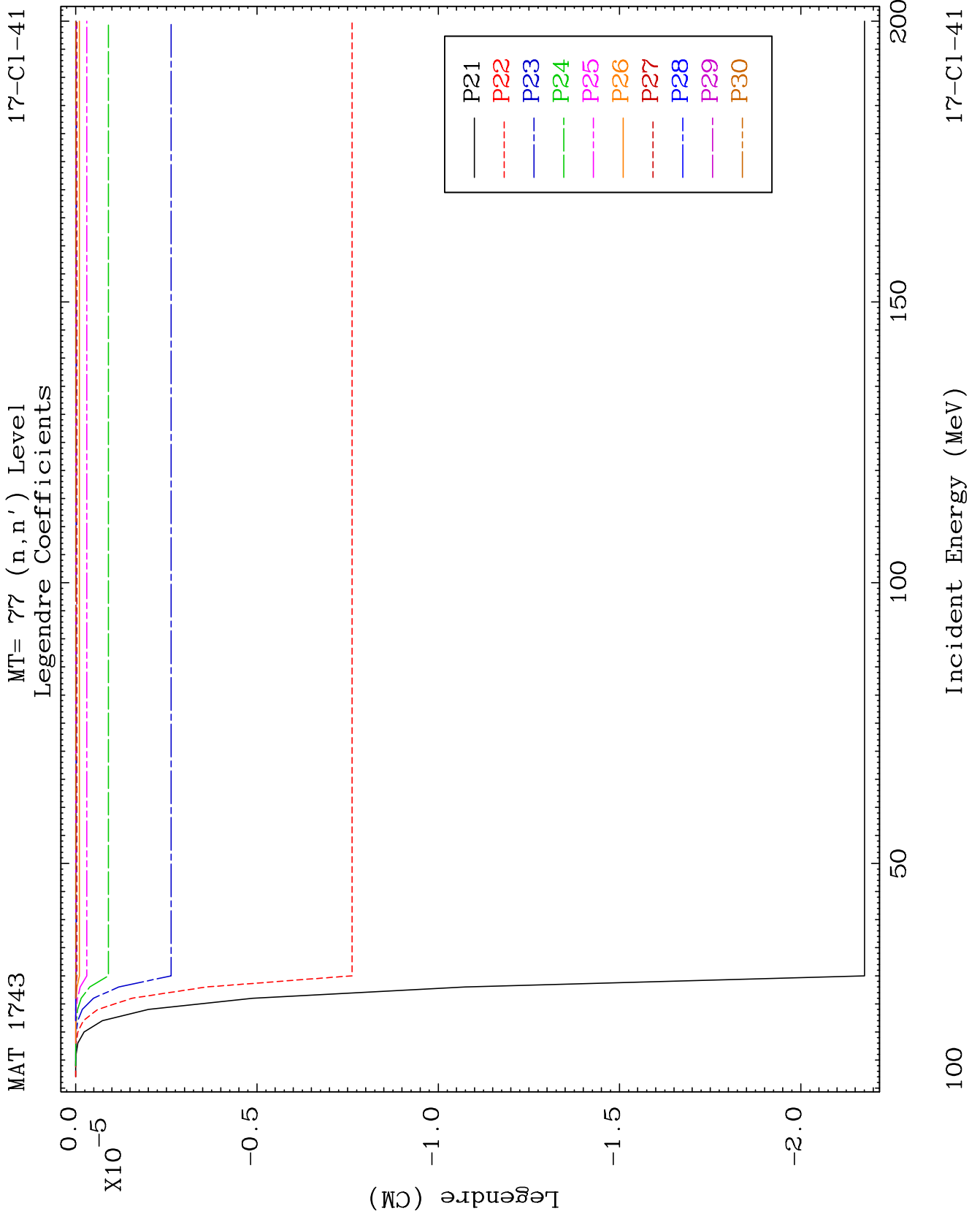
17-Cl-41



99

Incident Energy (MeV)

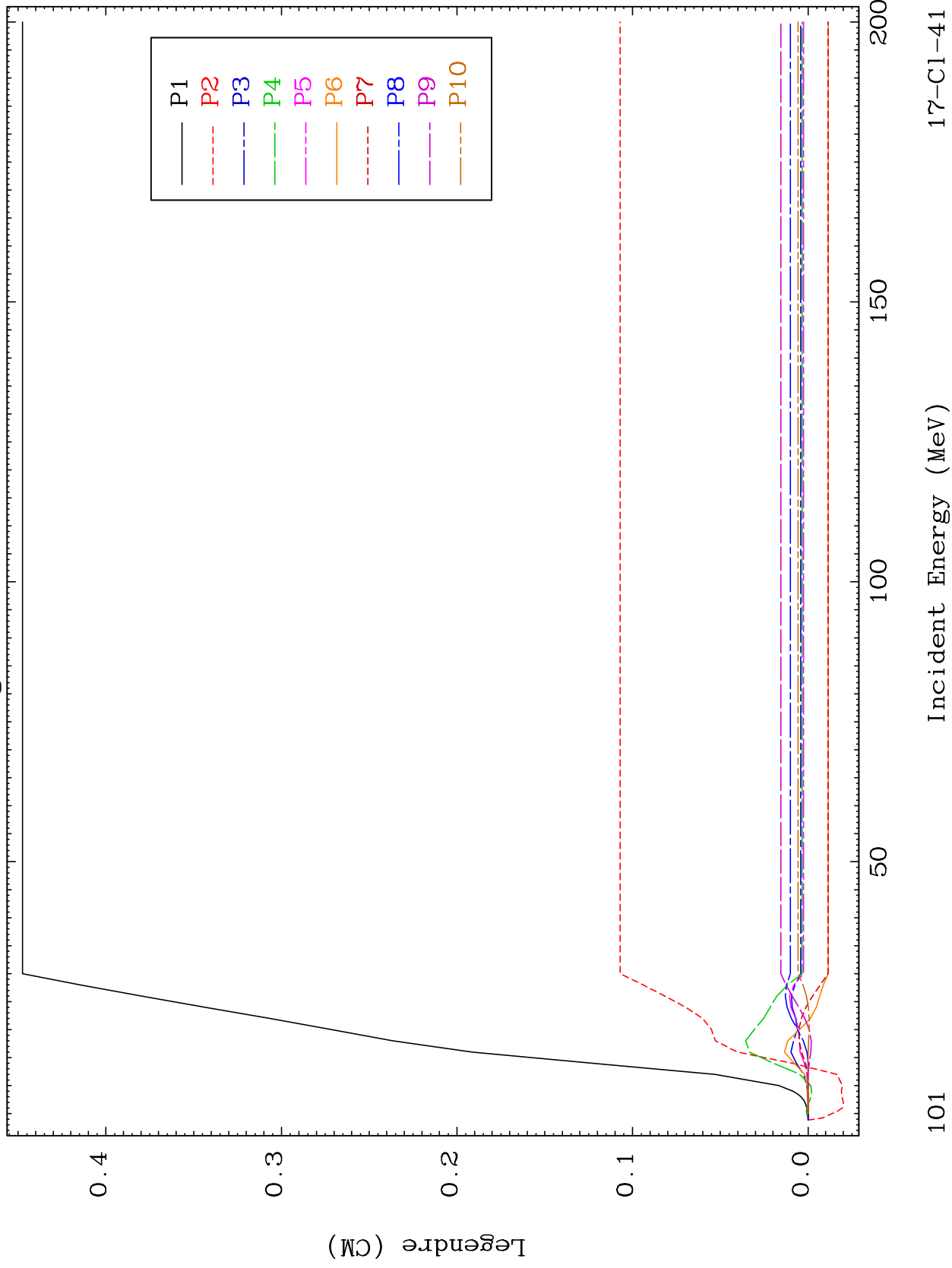
17-Cl-41



MAT 1743

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

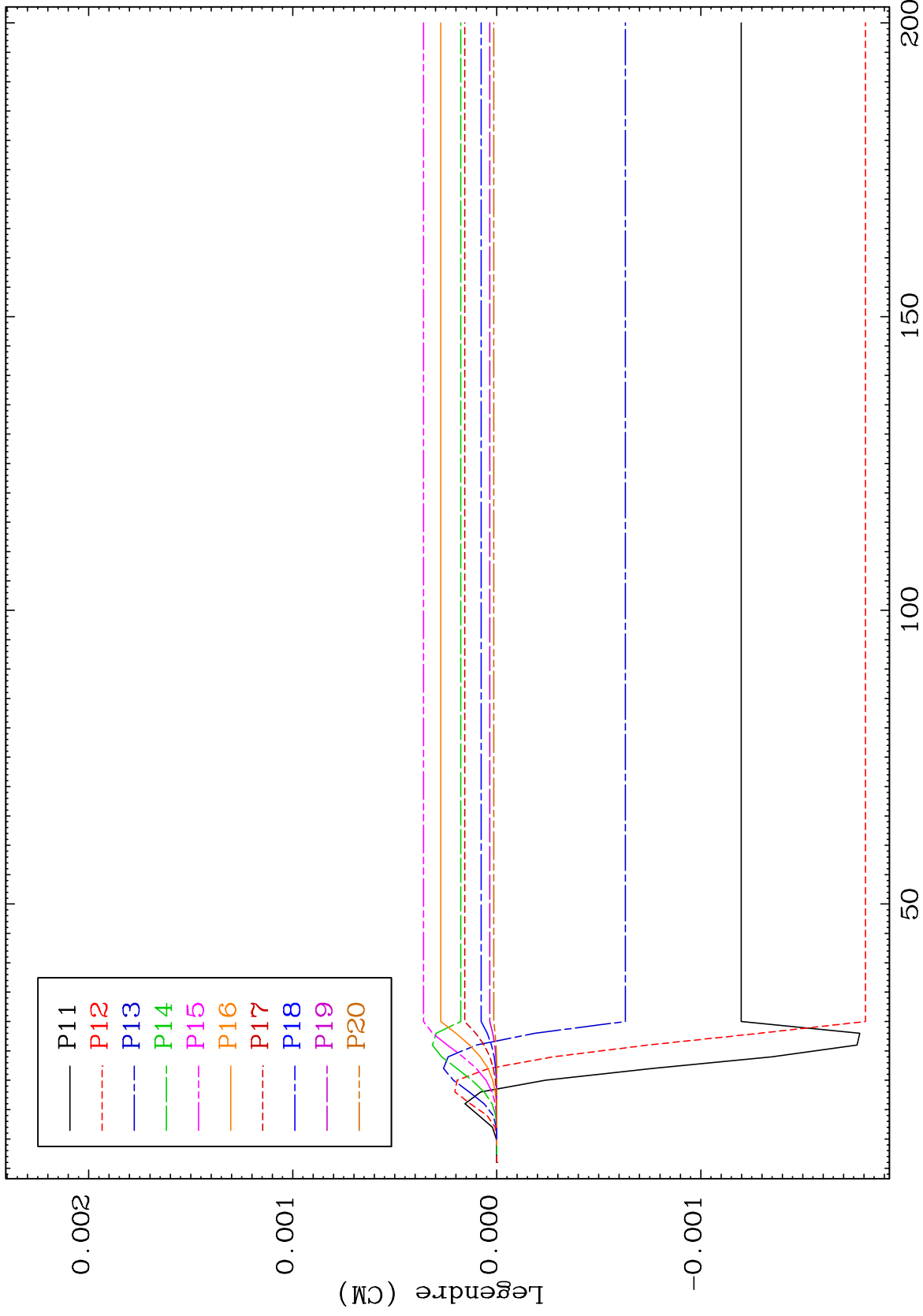
17-Cl-41



MAT 1743

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

17-Cl-41



102

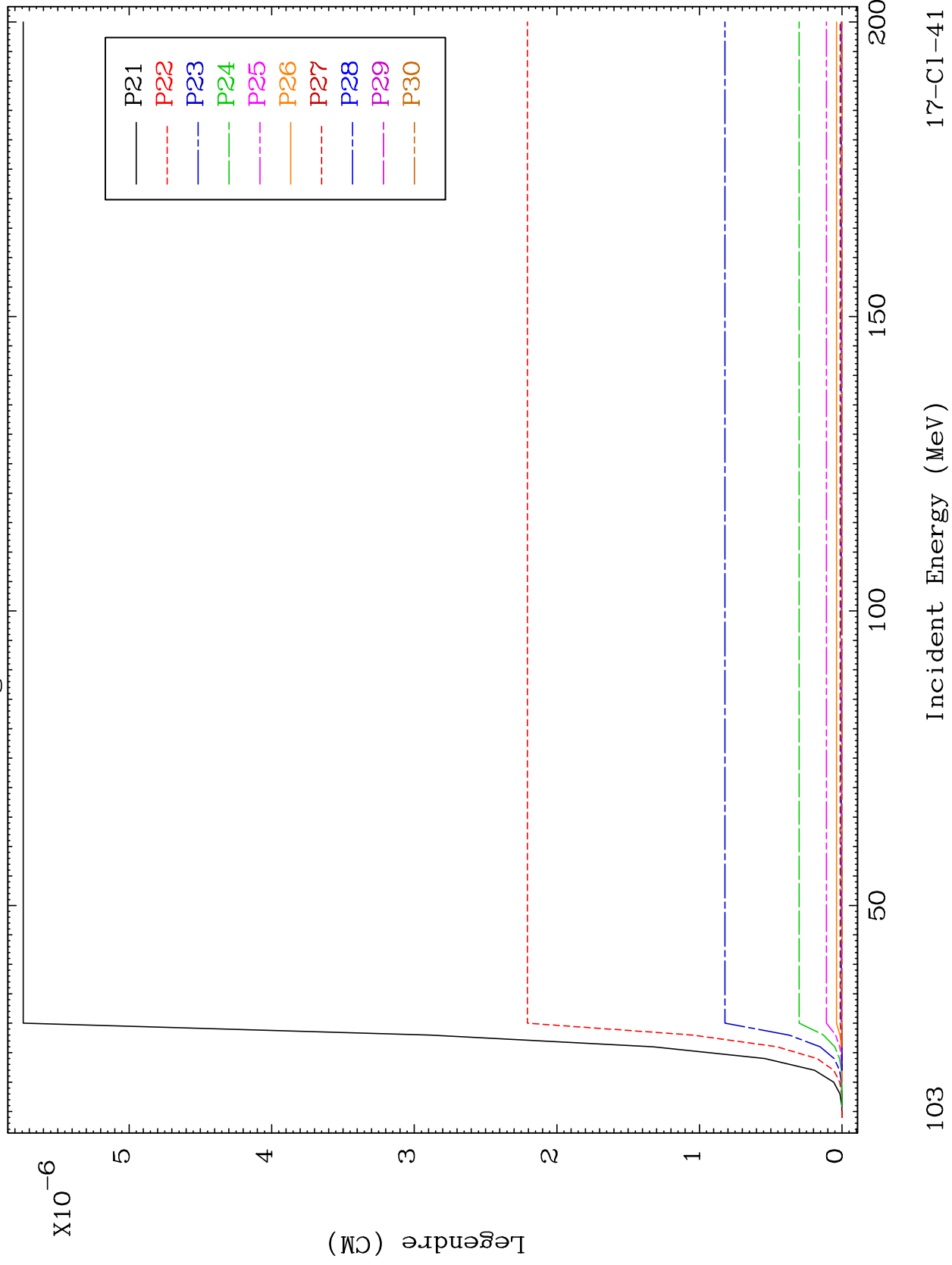
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



103

Incident Energy (MeV)

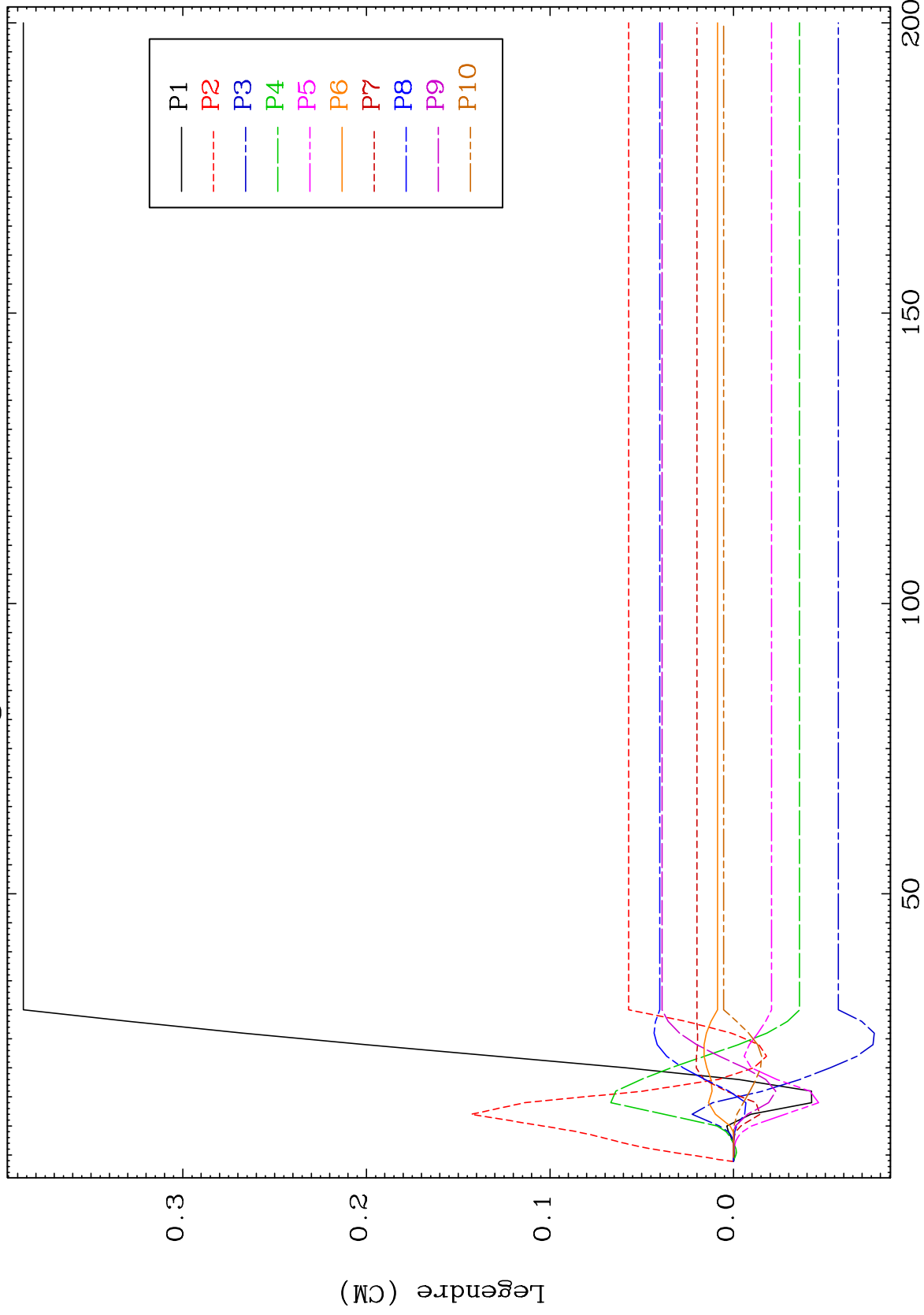
17-Cl-41



MAT 1743

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

17-Cl-41



104

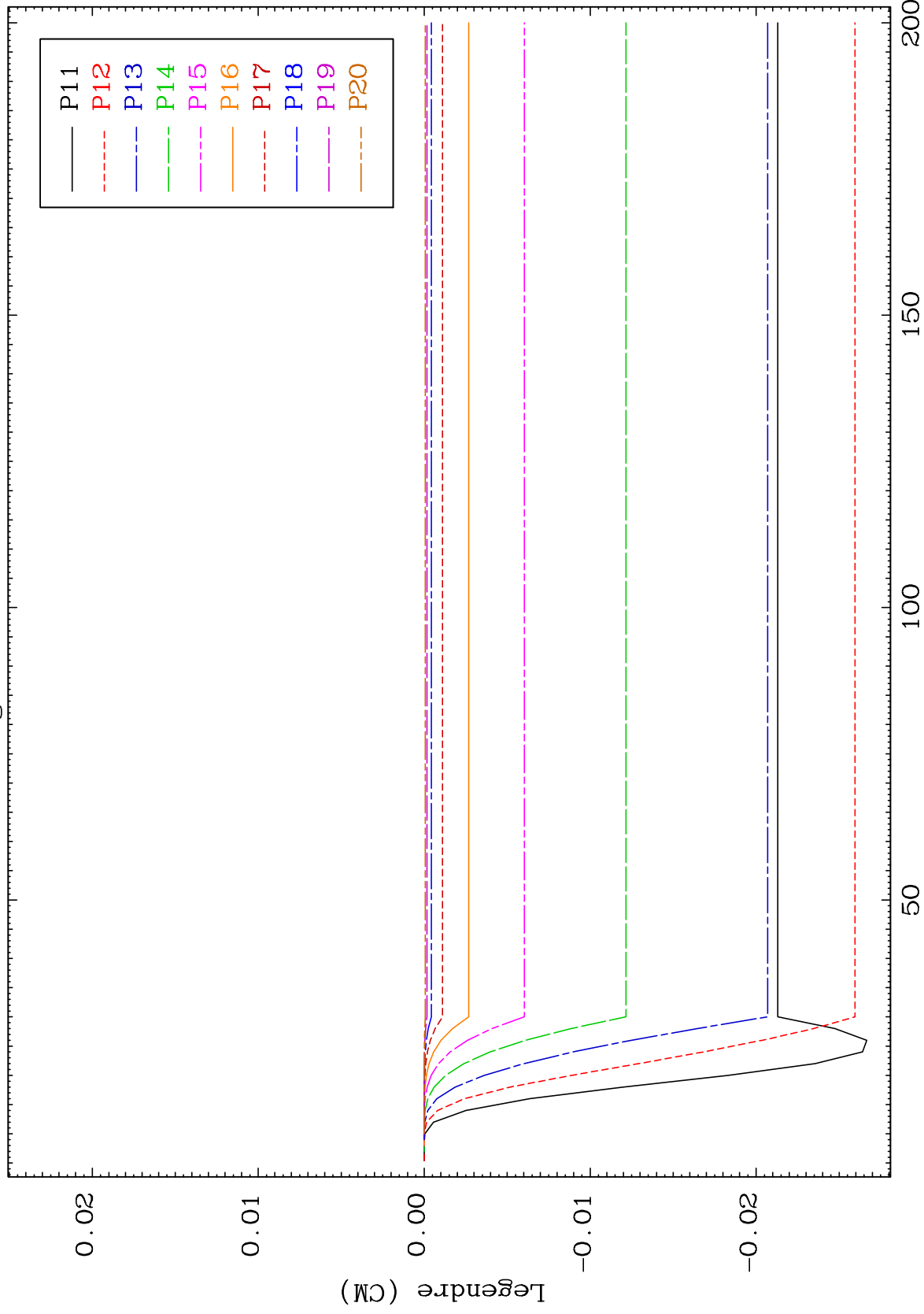
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

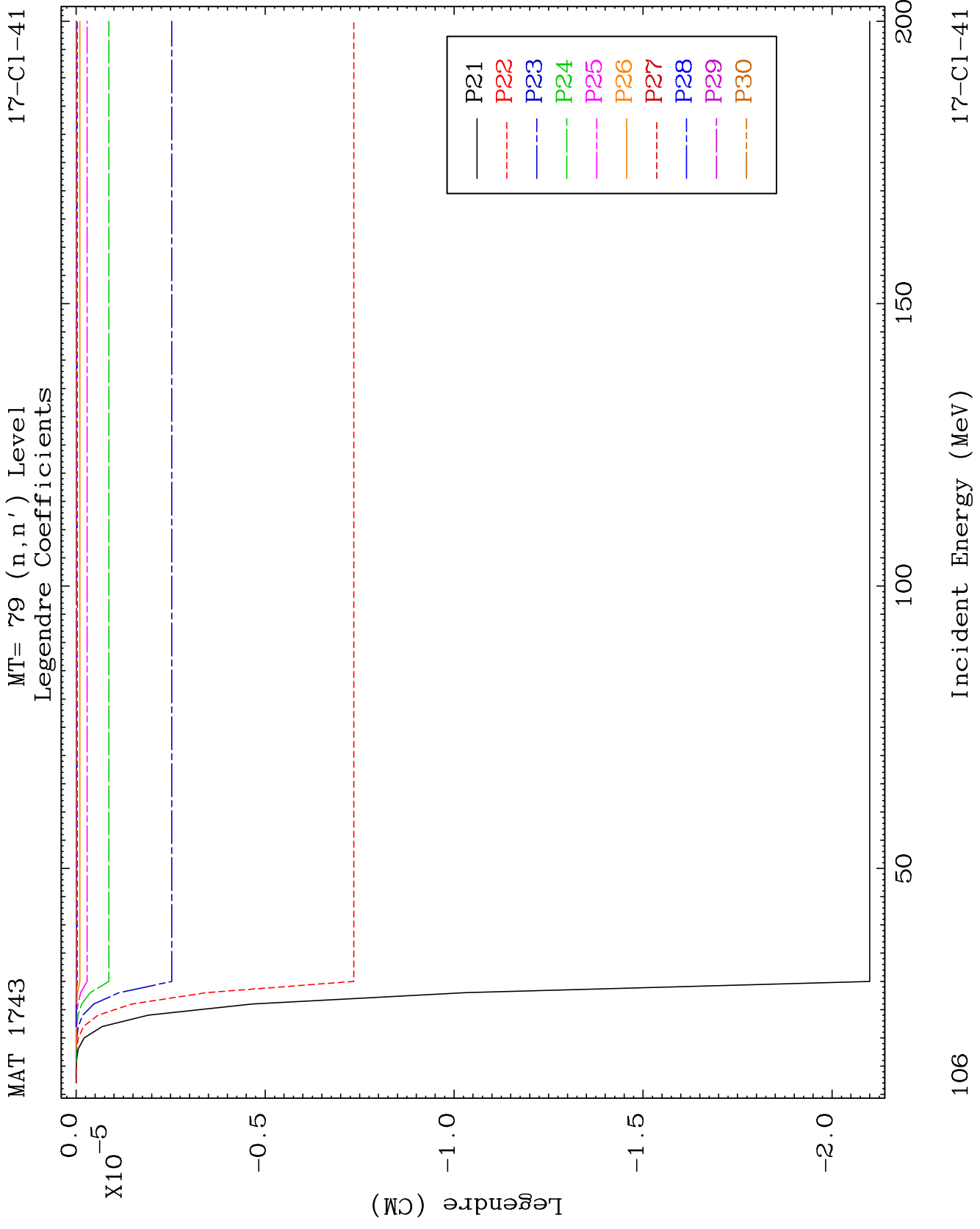
17-Cl-41

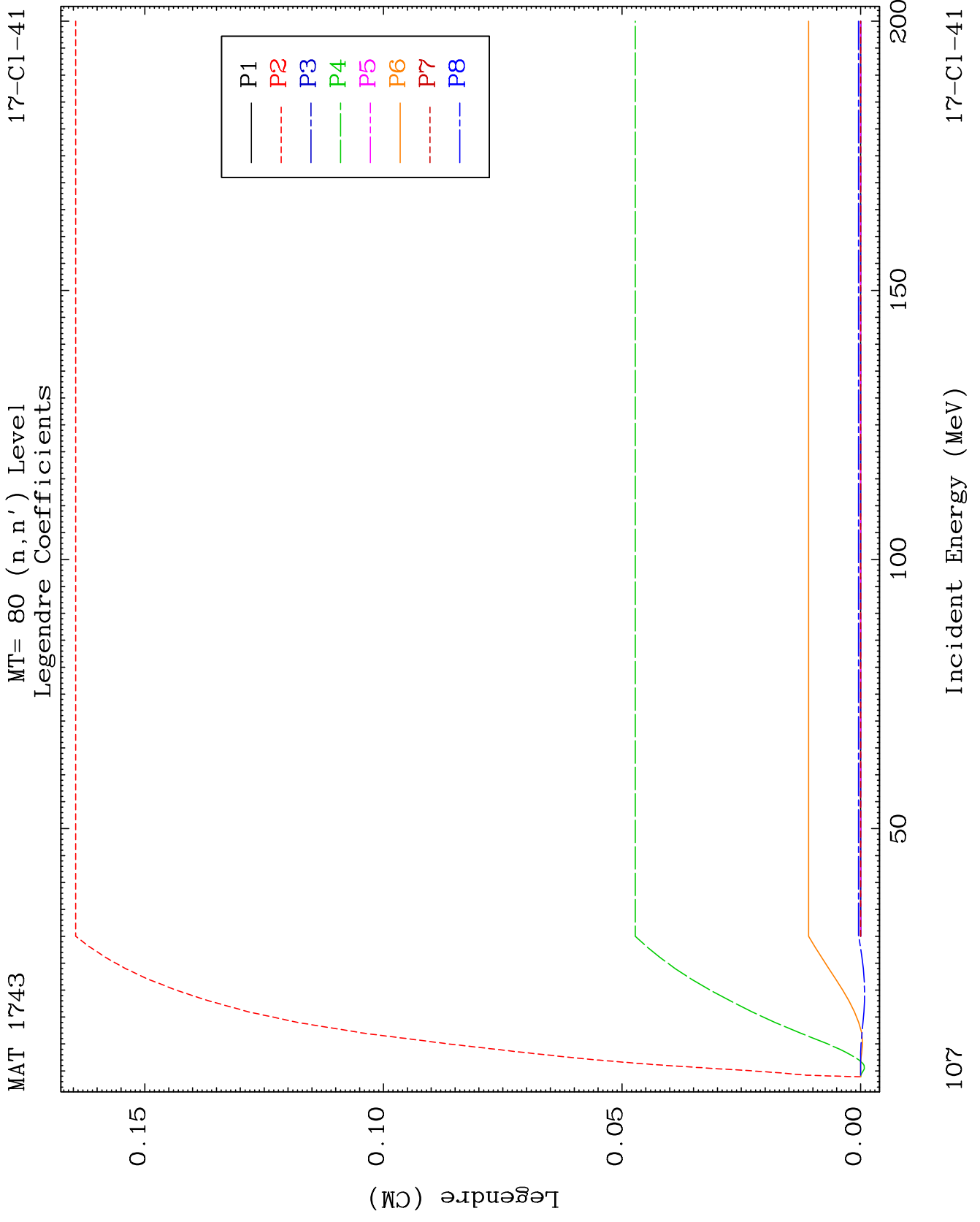


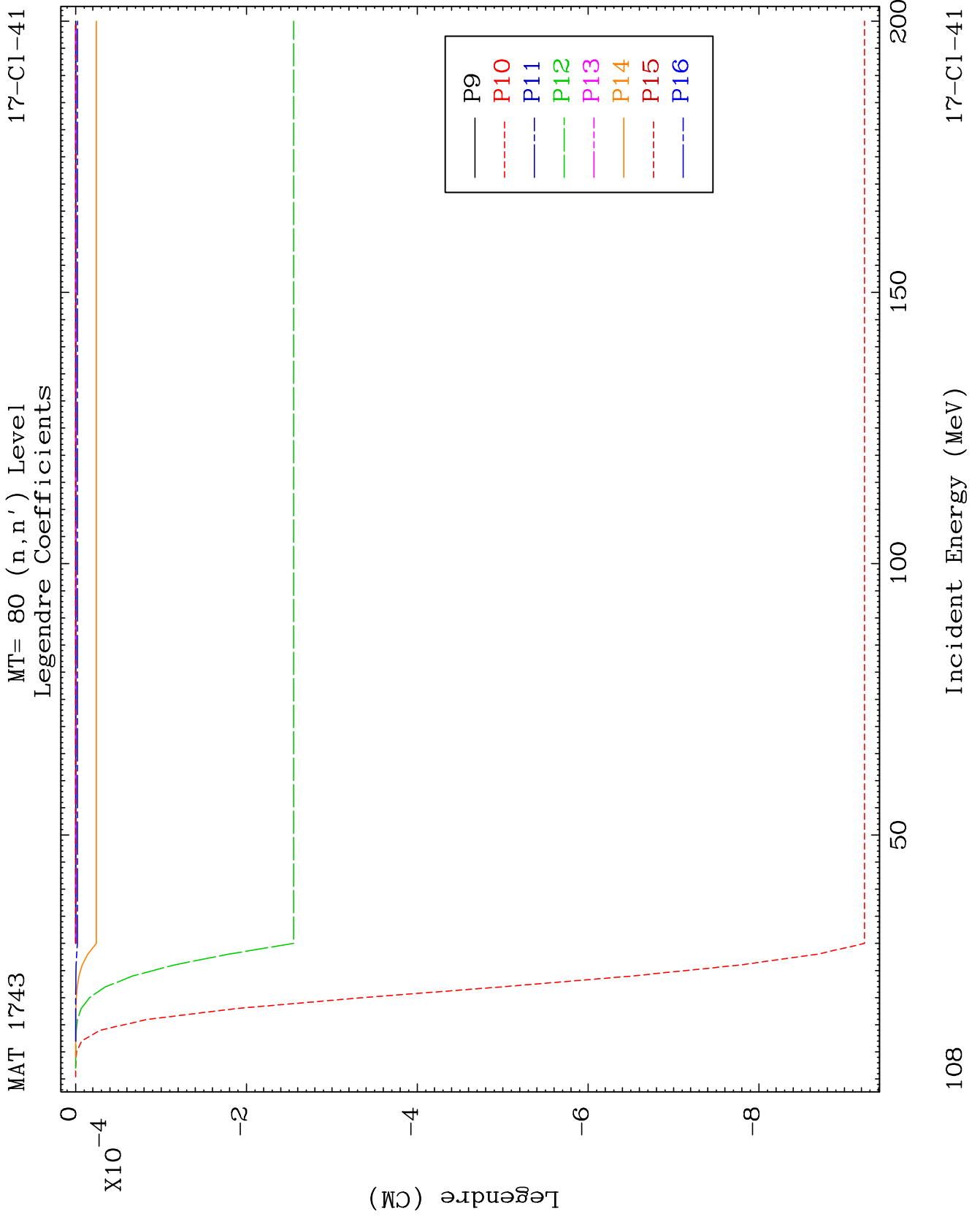
105

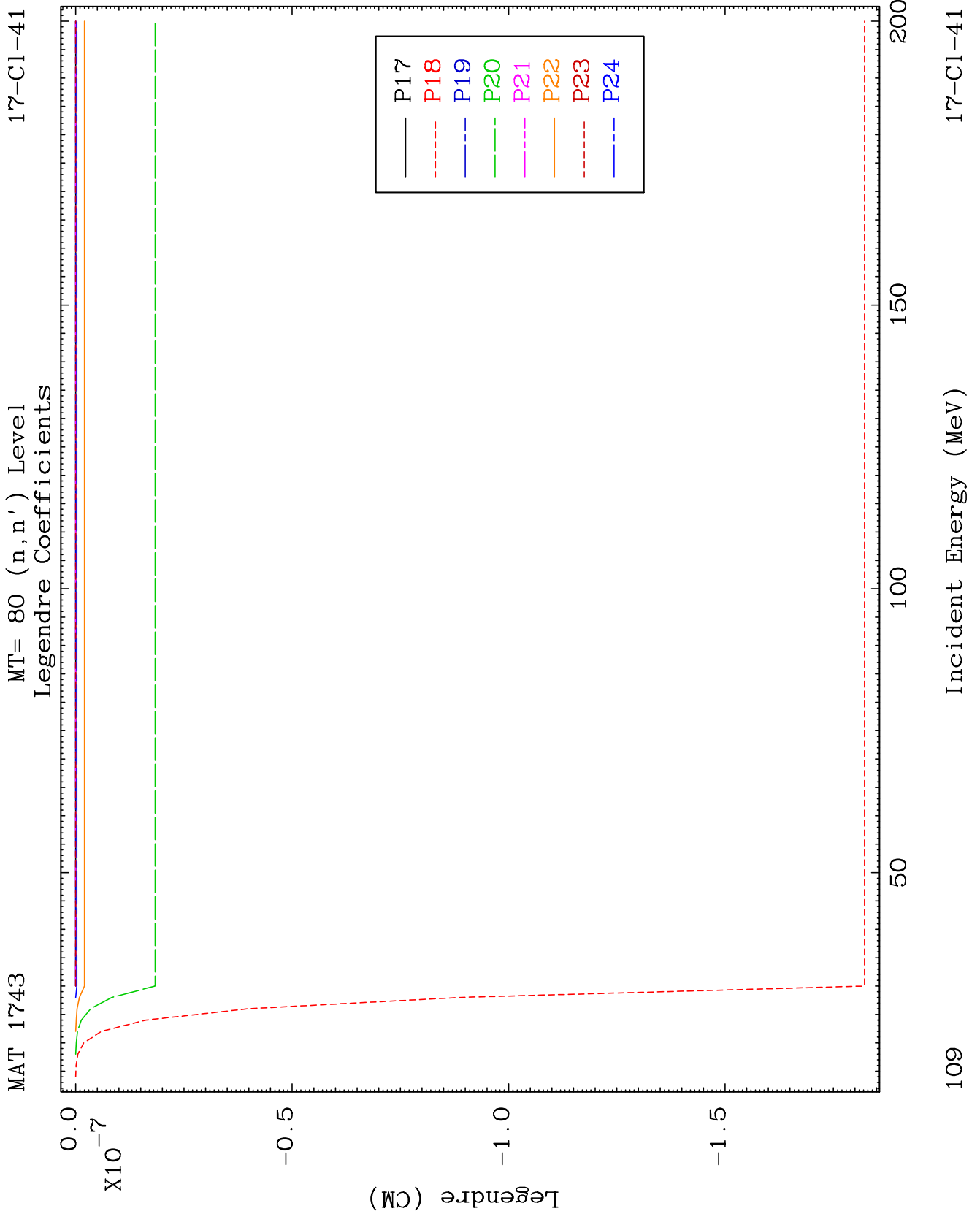
Incident Energy (MeV)

17-Cl-41







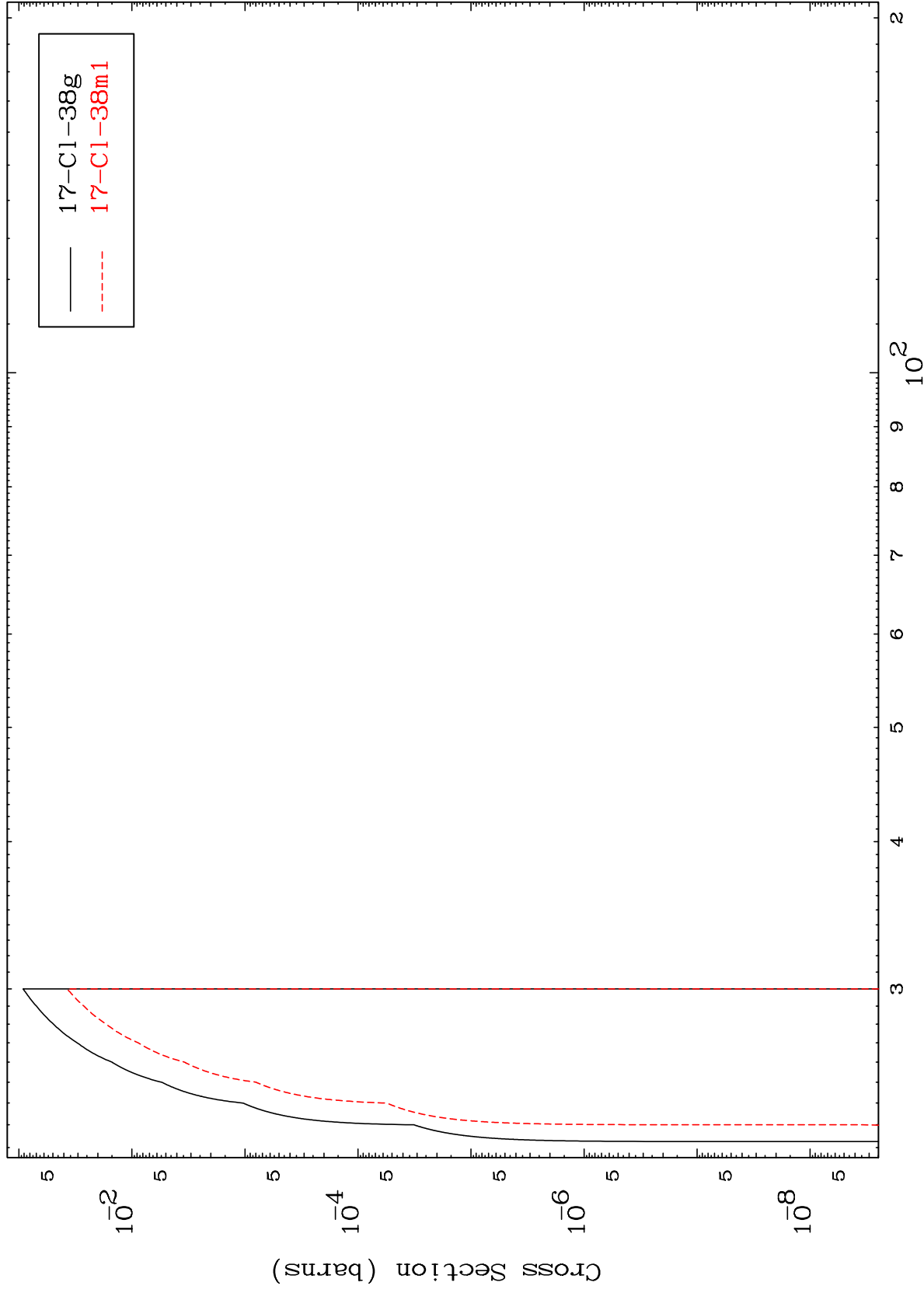


MAT 1743

(n,4n)

17-Cl-41

Radionuclide Production Cross Section



110

Incident Energy (MeV)

17-Cl-41