

Program EVALPLOT  
(Version 2021-1)

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

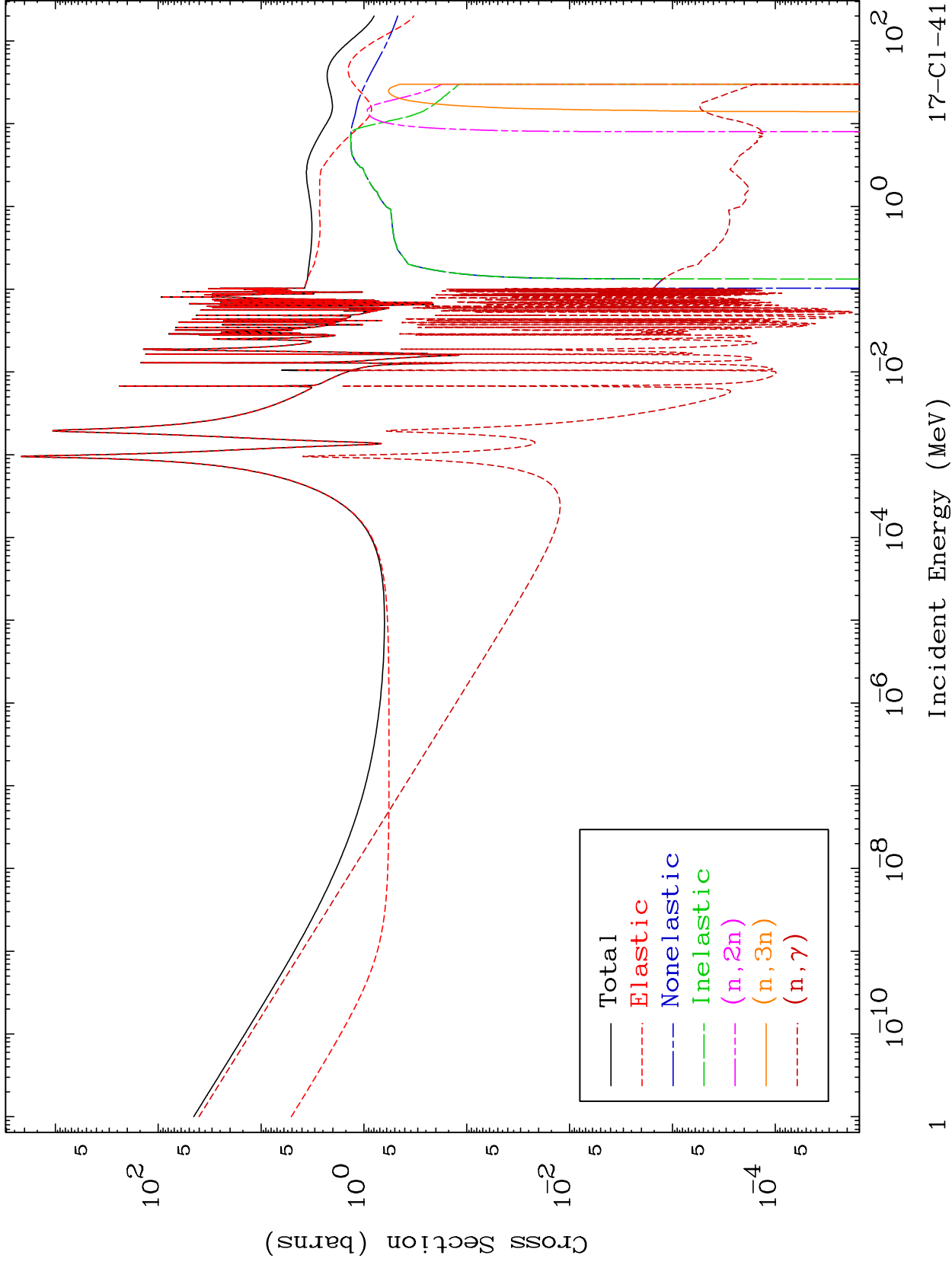
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1743

Neutron Major  
293 Kelvin Cross Sections

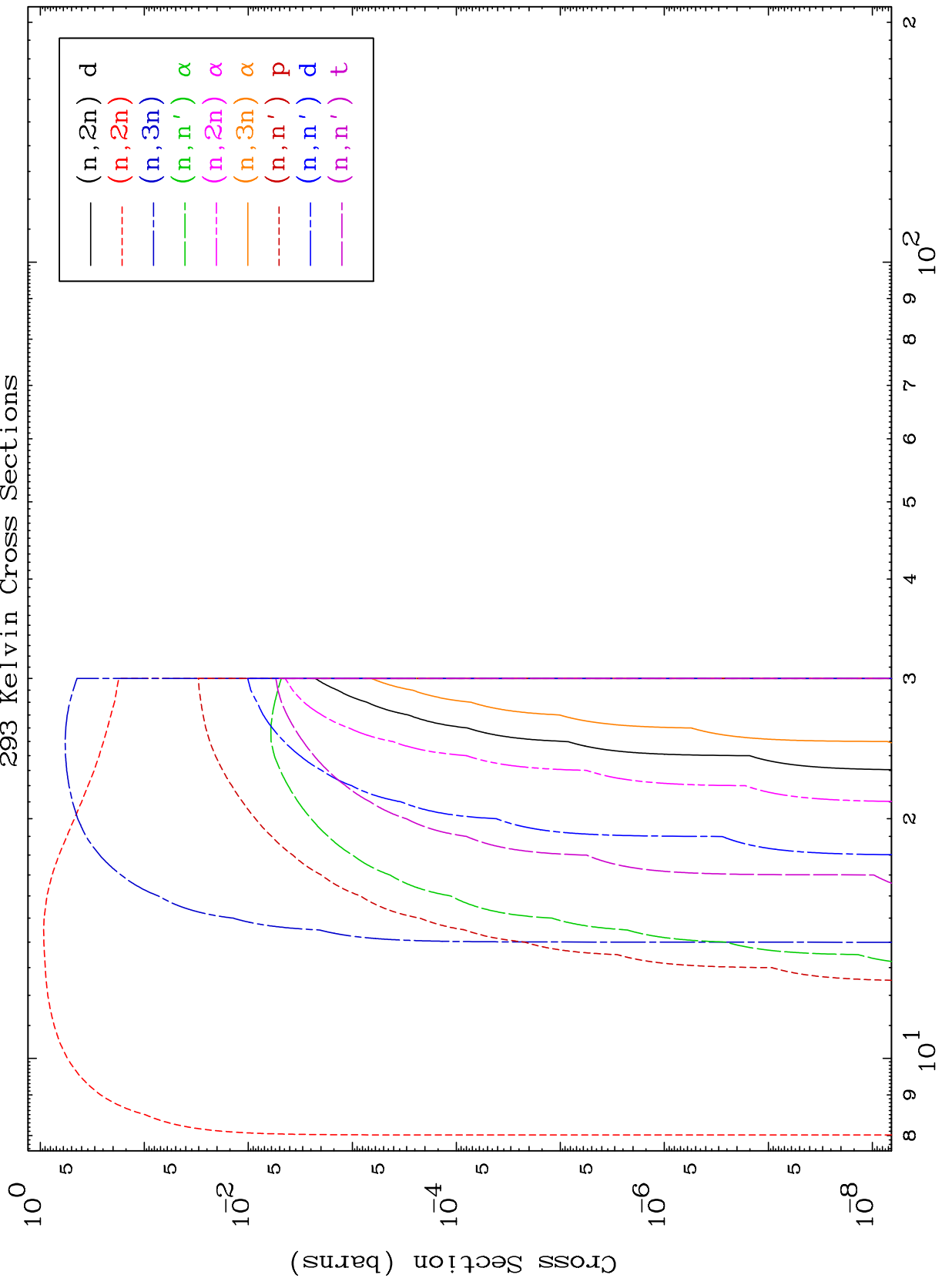
17-Cl-41



MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

17-Cl-41



Incident Energy (MeV)

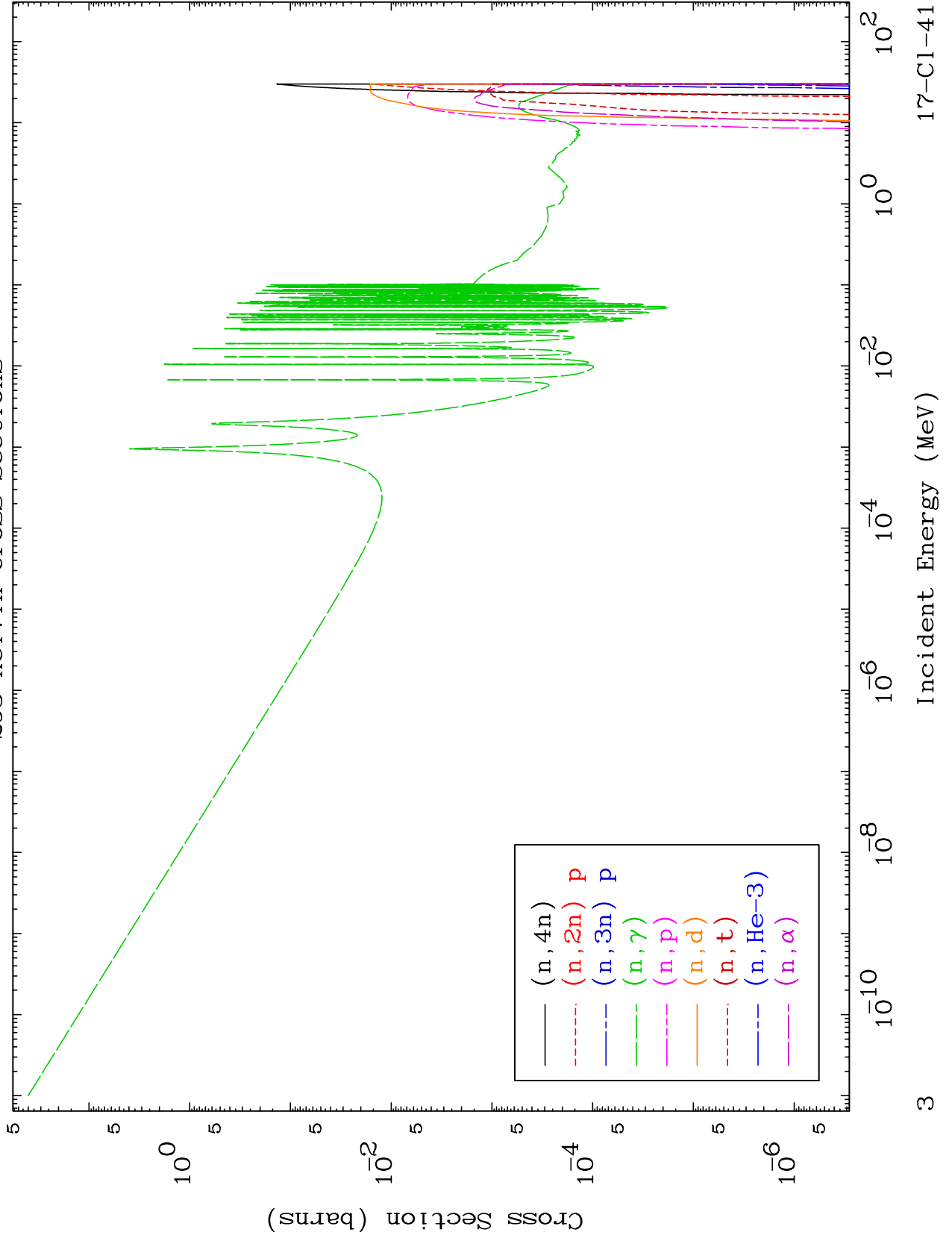
17-Cl-41

2

MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

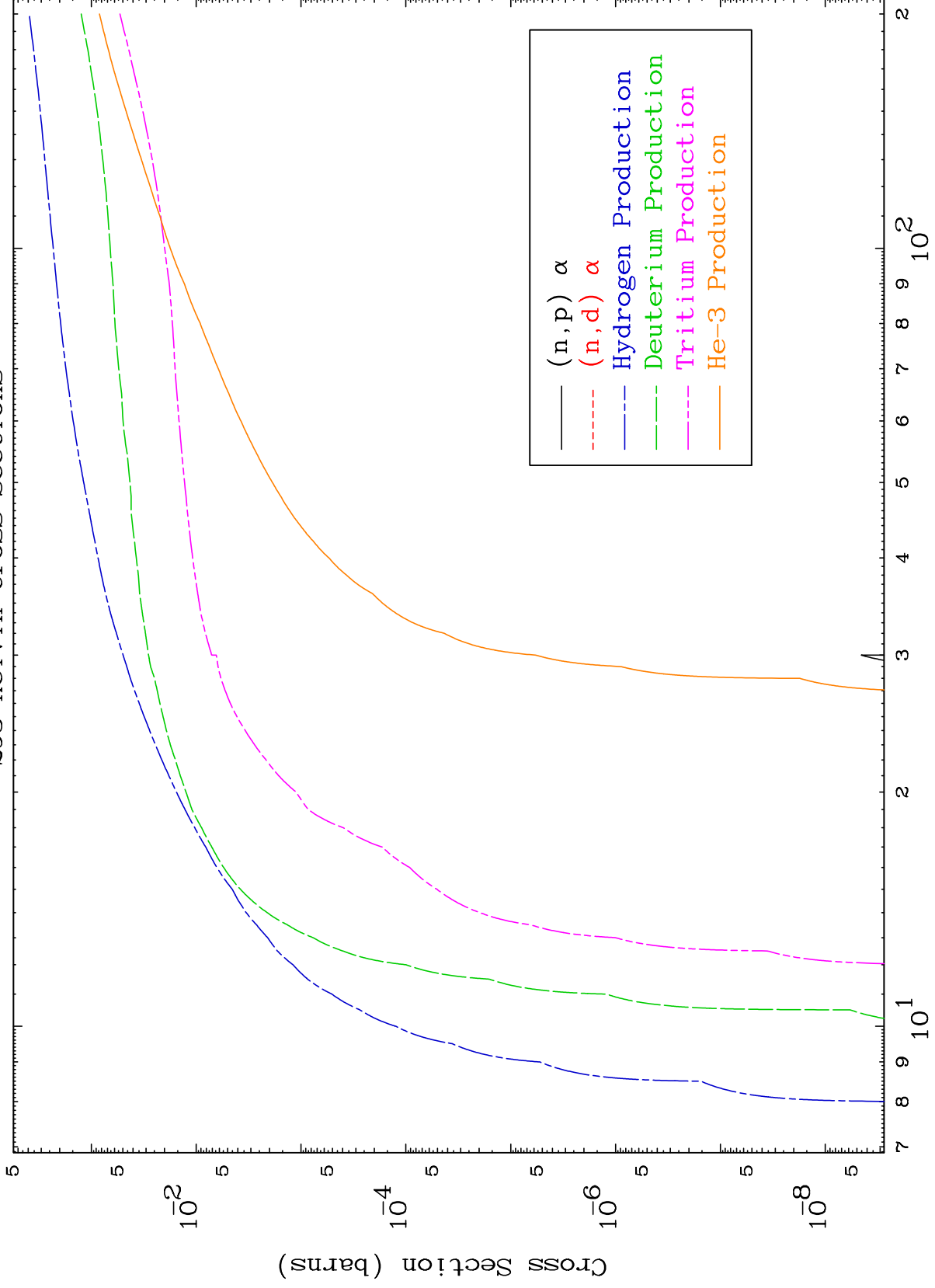
17-Cl-41



MAT 1743

Neutron Absorption  
293 Kelvin Cross Sections

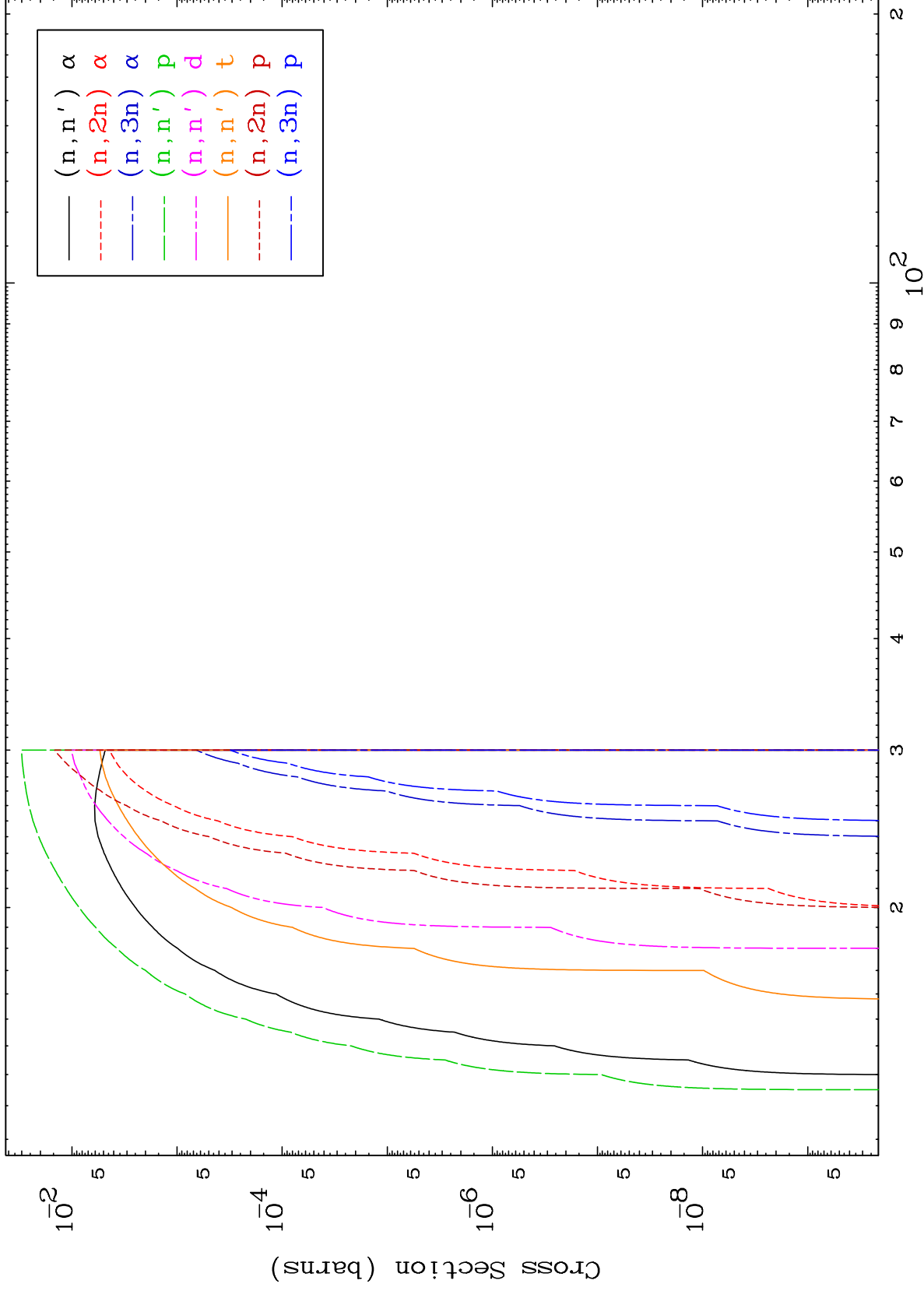
17-Cl-41



4

Incident Energy (MeV)

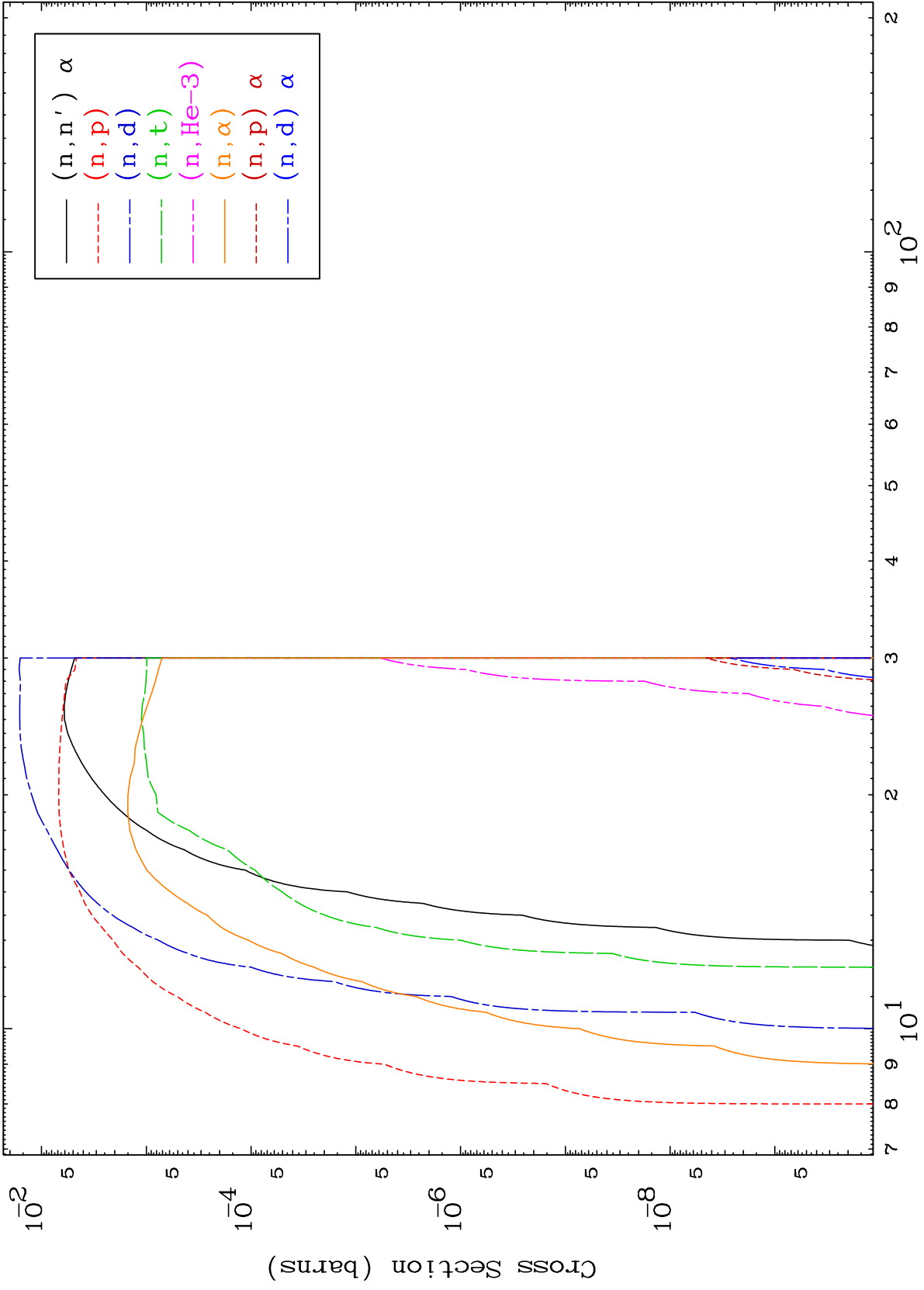
17-Cl-41



MAT 1743

Charged Particle  
293 Kelvin Cross Sections

17-Cl-41



6

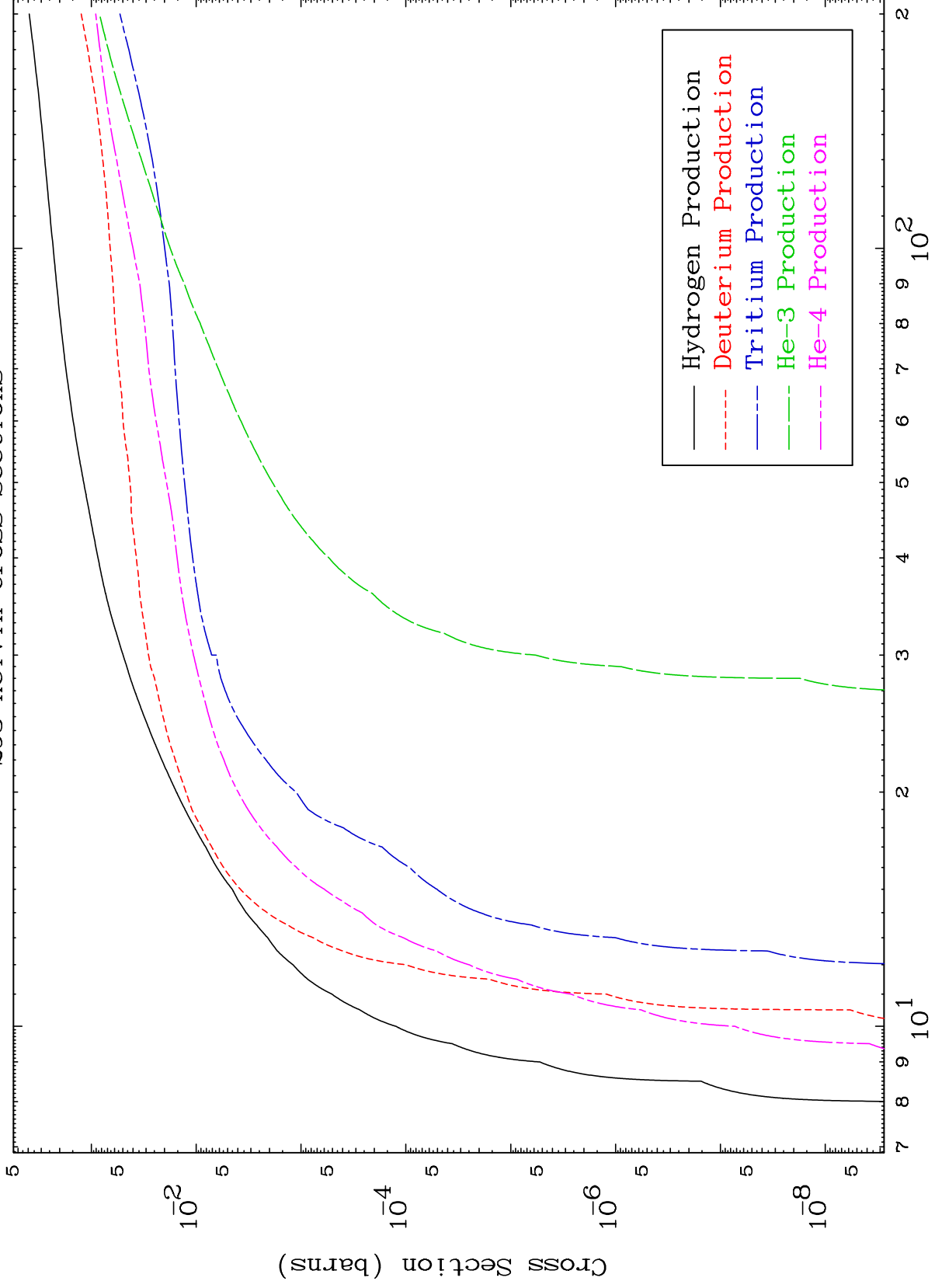
Incident Energy (MeV)

17-Cl-41

MAT 1743

Particle Production  
293 Kelvin Cross Sections

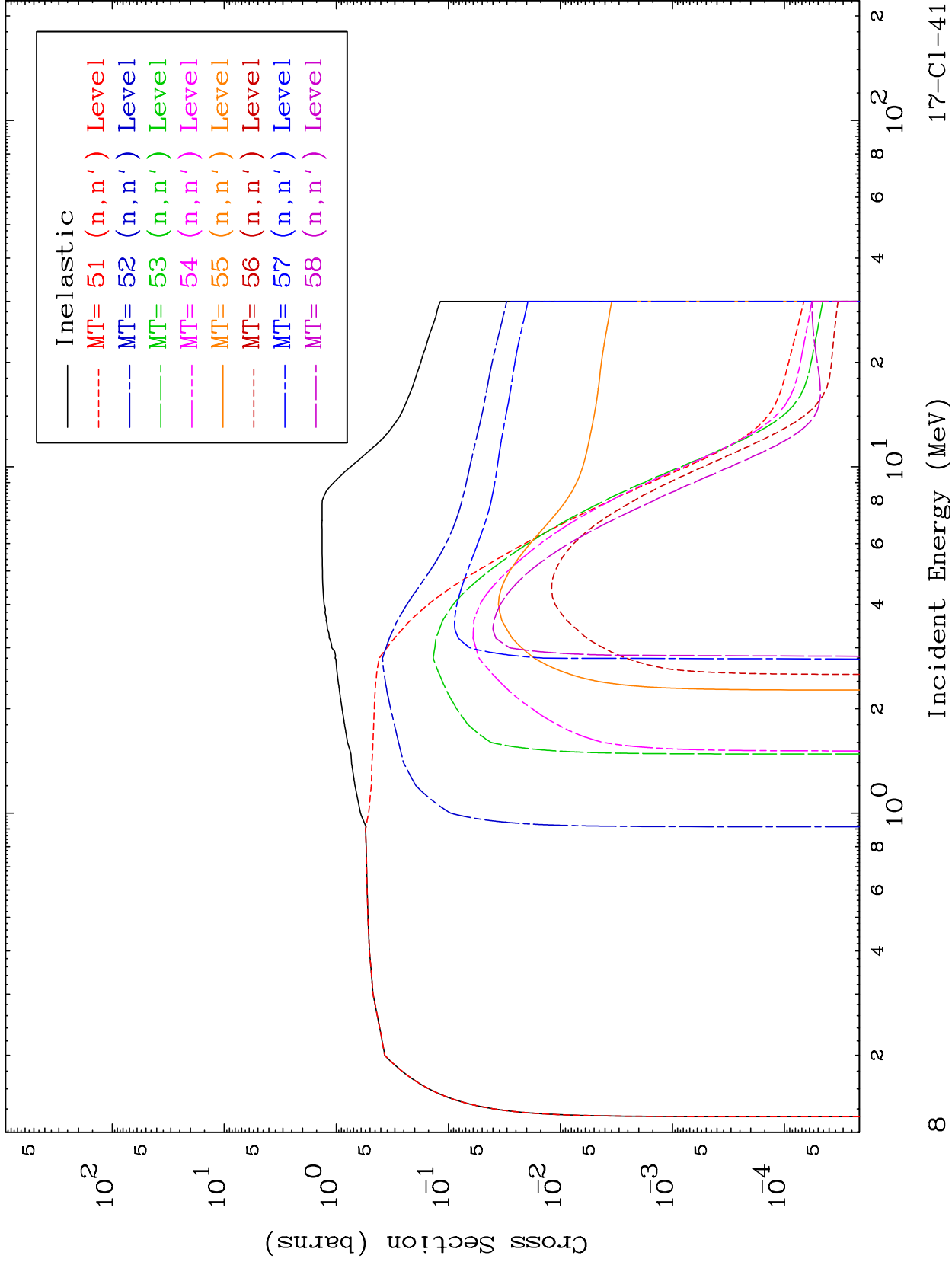
17-Cl-41



7

Incident Energy (MeV)

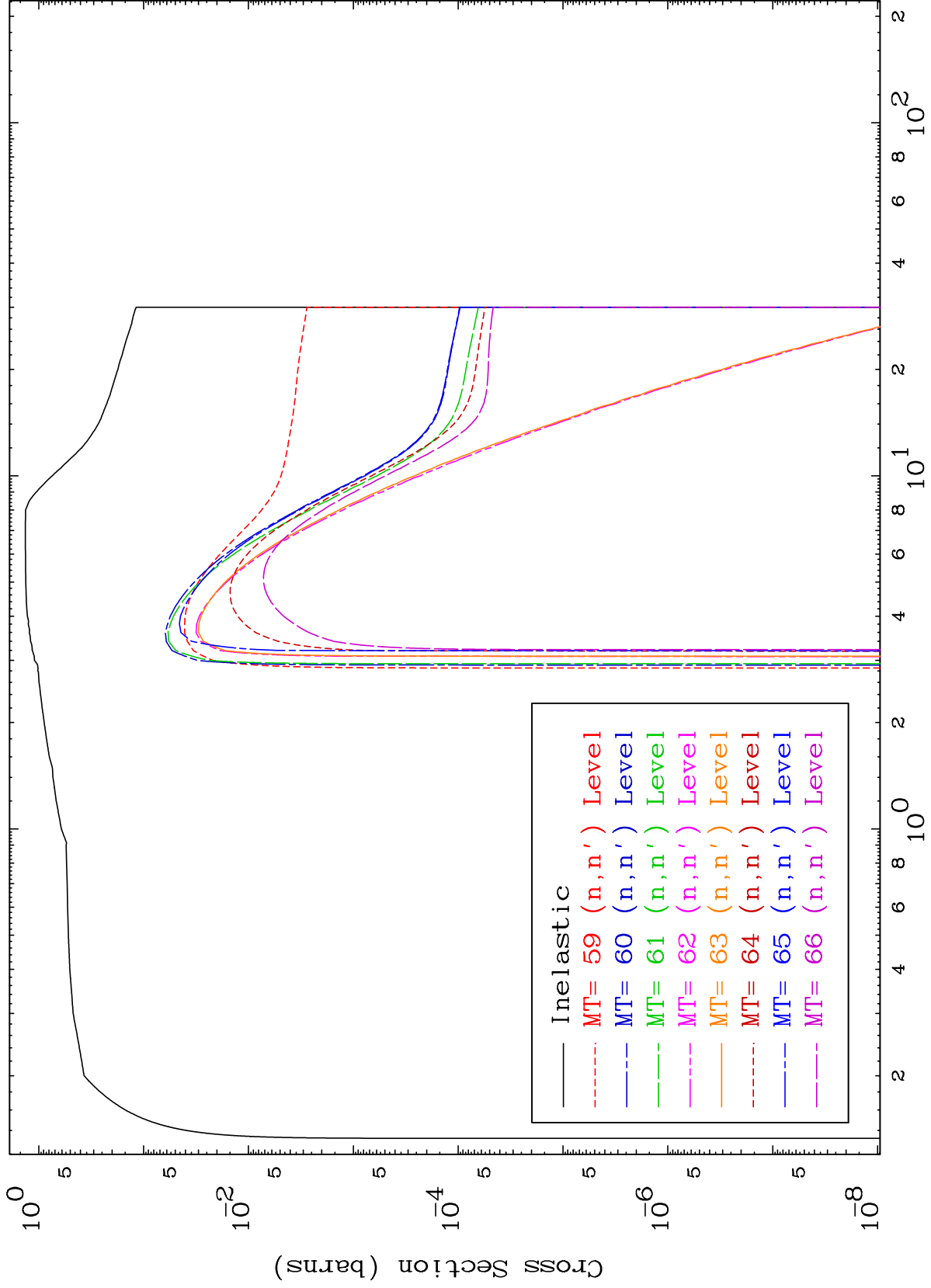
17-Cl-41



MAT 1743

(n,n') Levels  
293 Kelvin Cross Sections

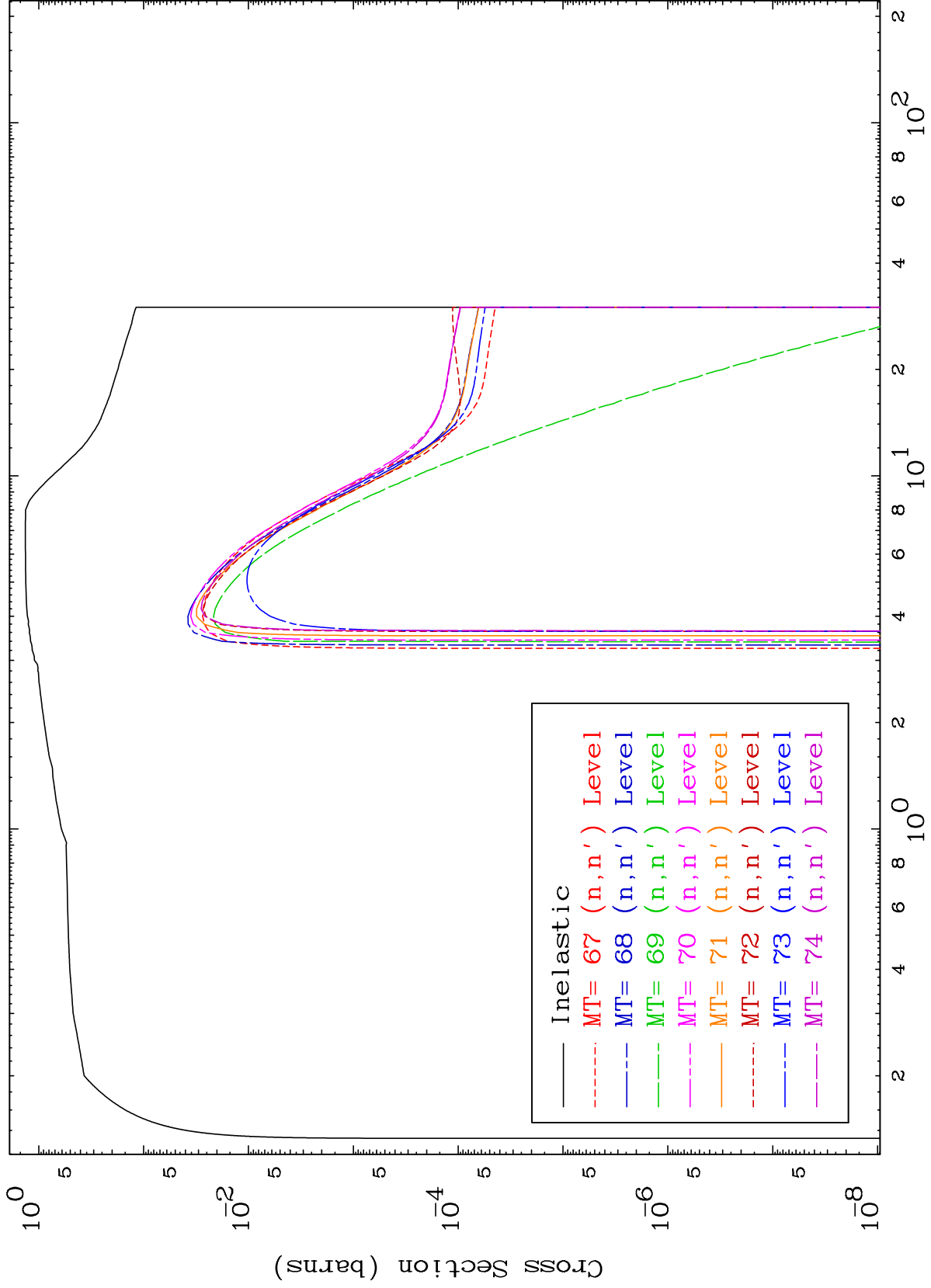
17-Cl-41



MAT 1743

(n, n') Levels  
293 Kelvin Cross Sections

17-Cl-41



10

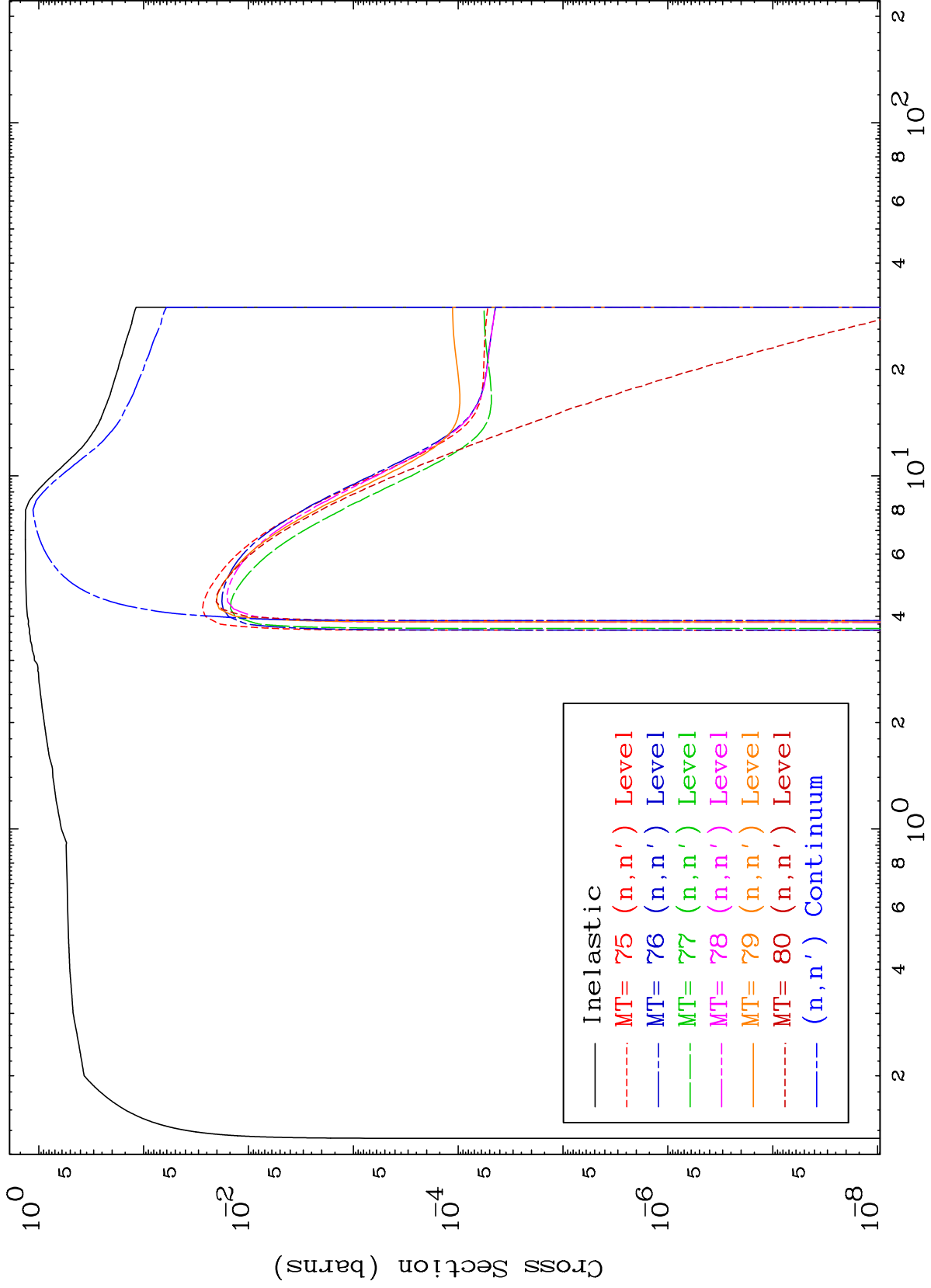
Incident Energy (MeV)

17-Cl-41

MAT 1743

293 Kelvin Cross Sections  
(n,n') Levels

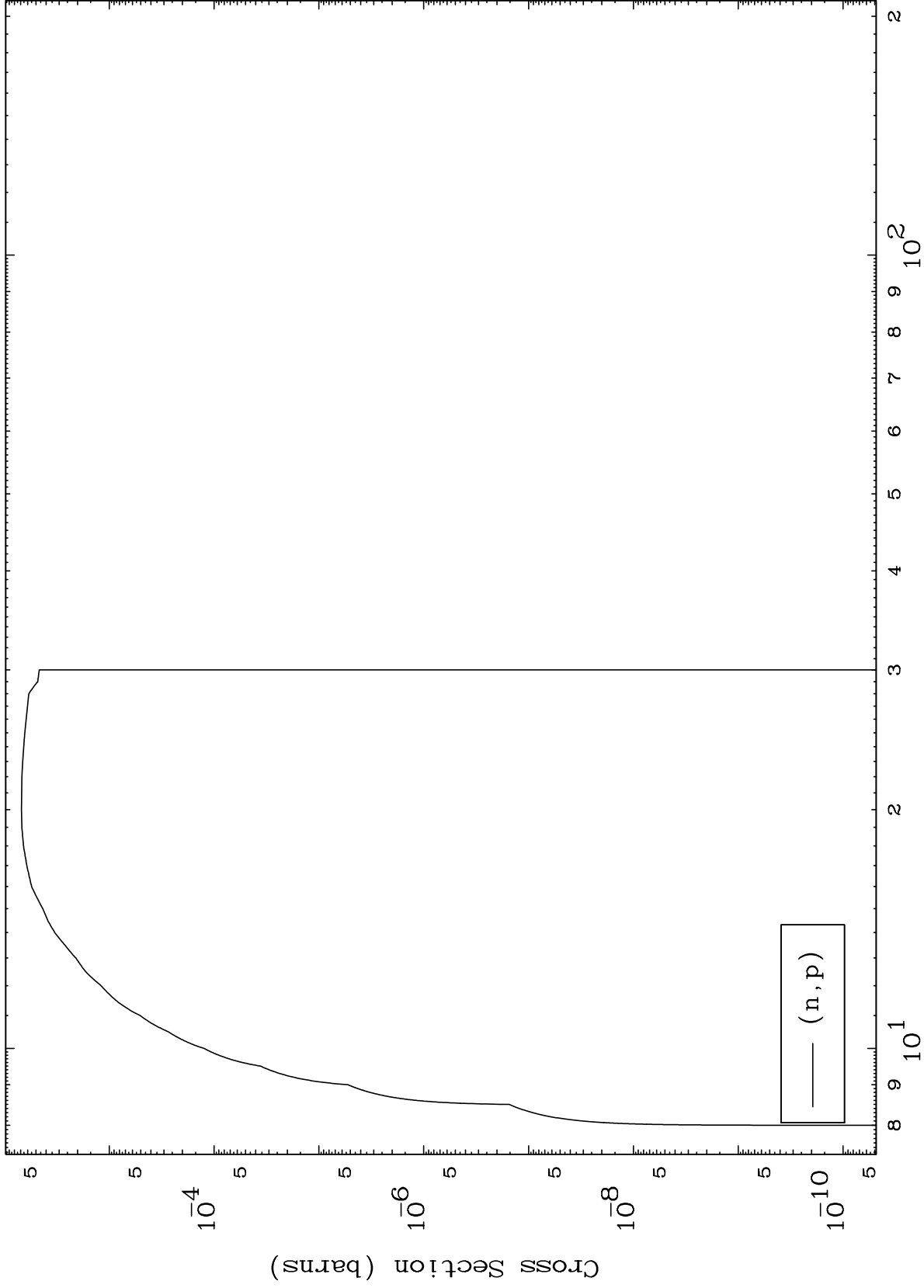
17-Cl-41



MAT 1743

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-41



12

Incident Energy (MeV)

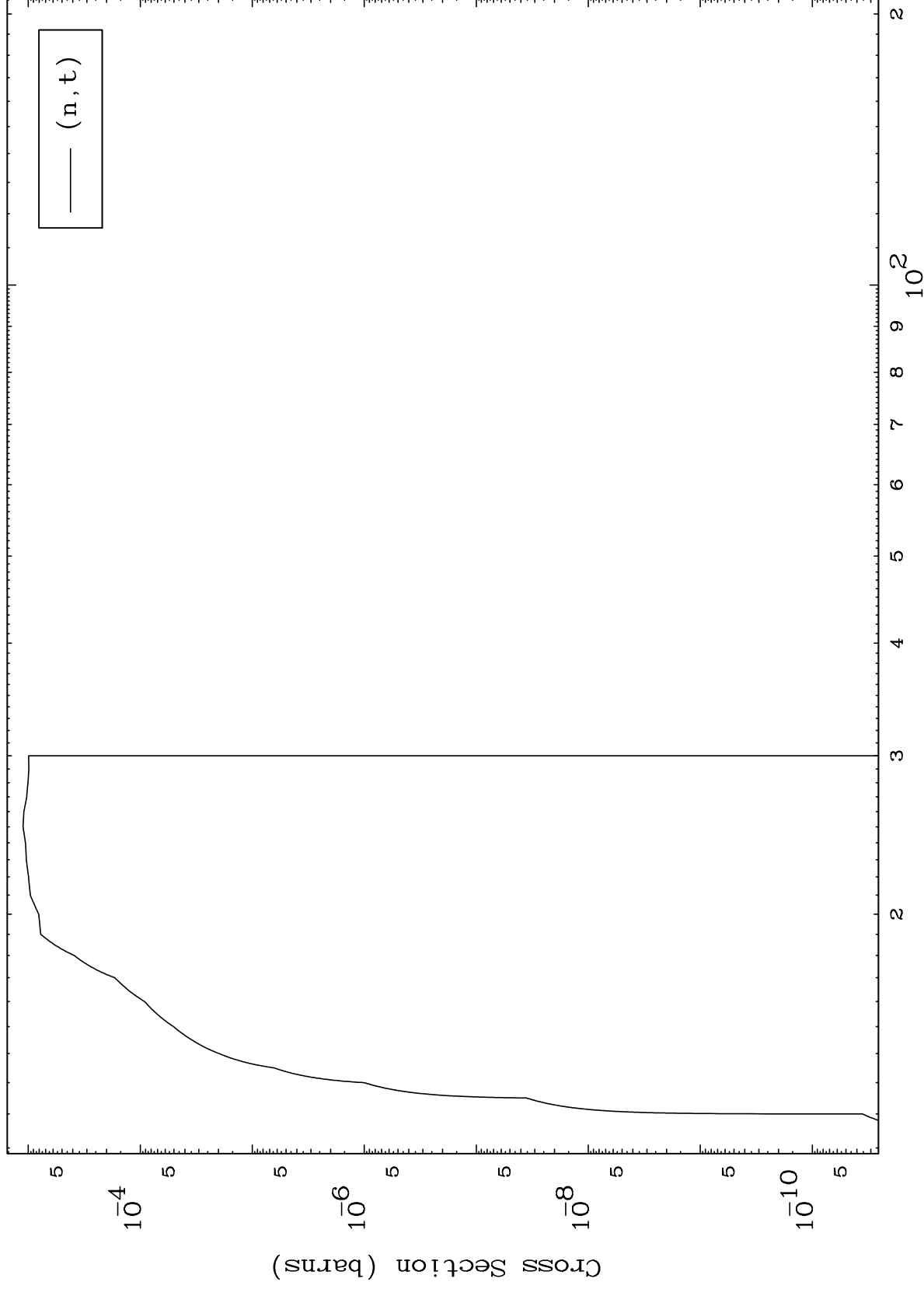
17-Cl-41



MAT 1743

(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-41



14

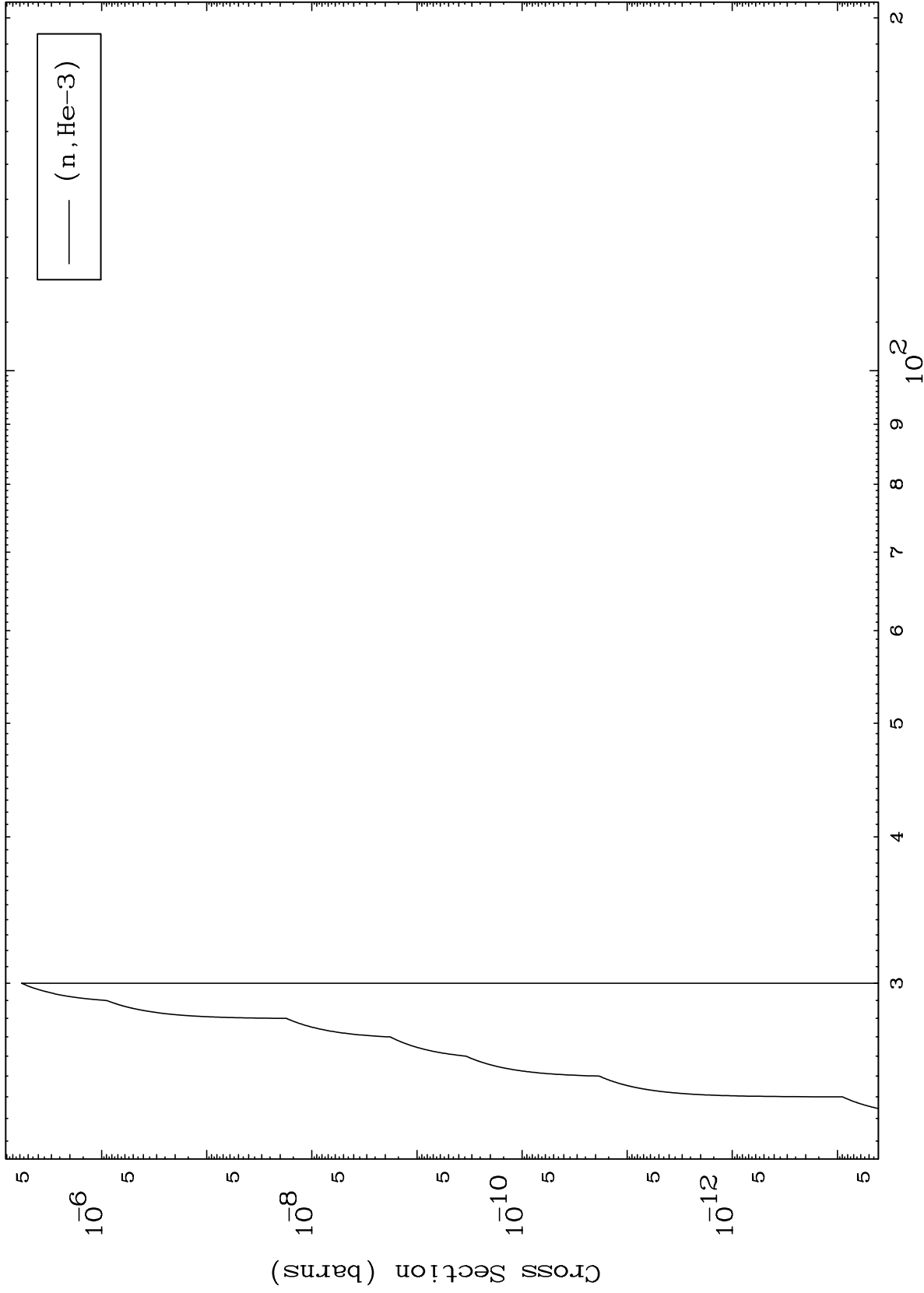
Incident Energy (MeV)

17-Cl-41

MAT 1743

(n,He3) Levels  
293 Kelvin Cross Sections

17-Cl-41



15

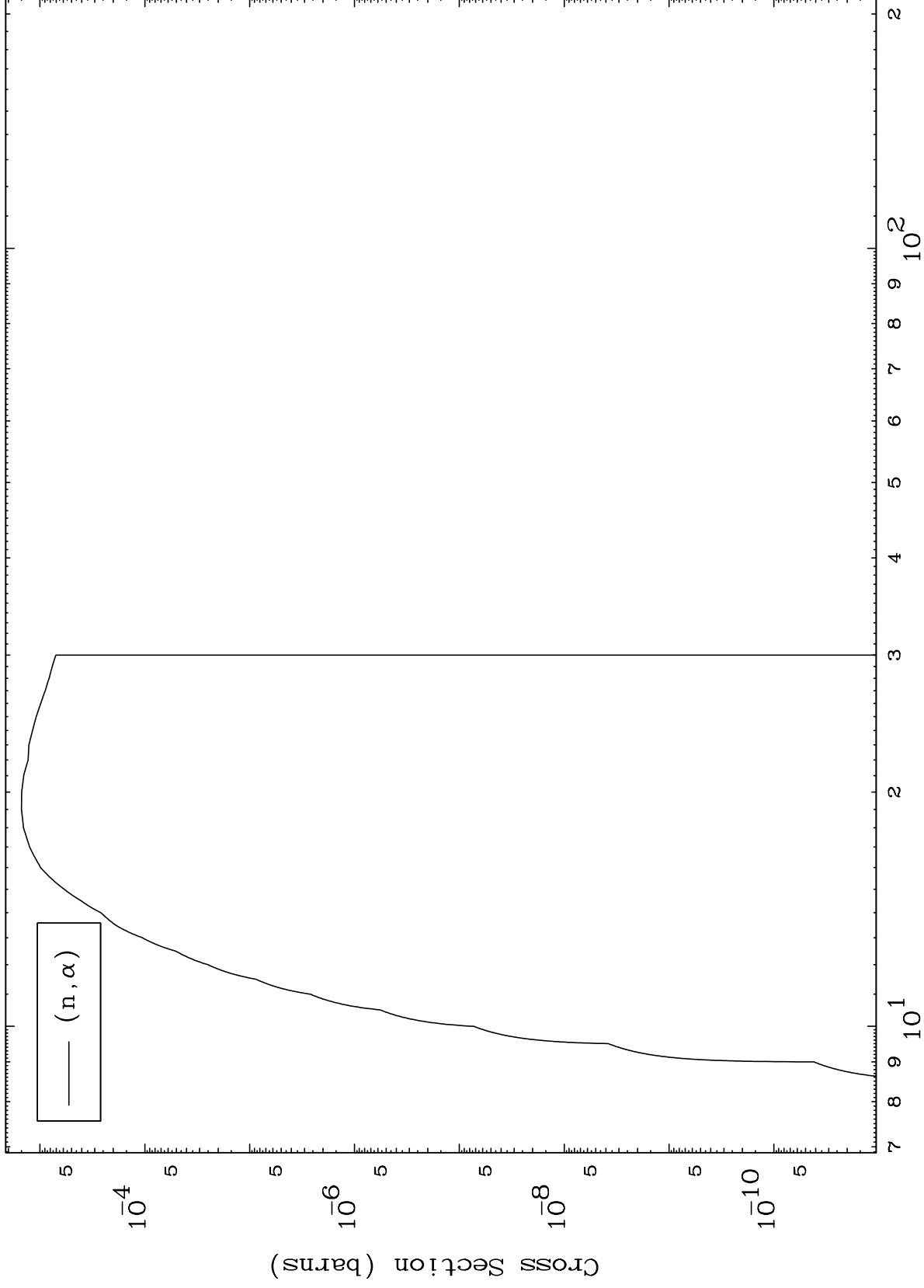
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

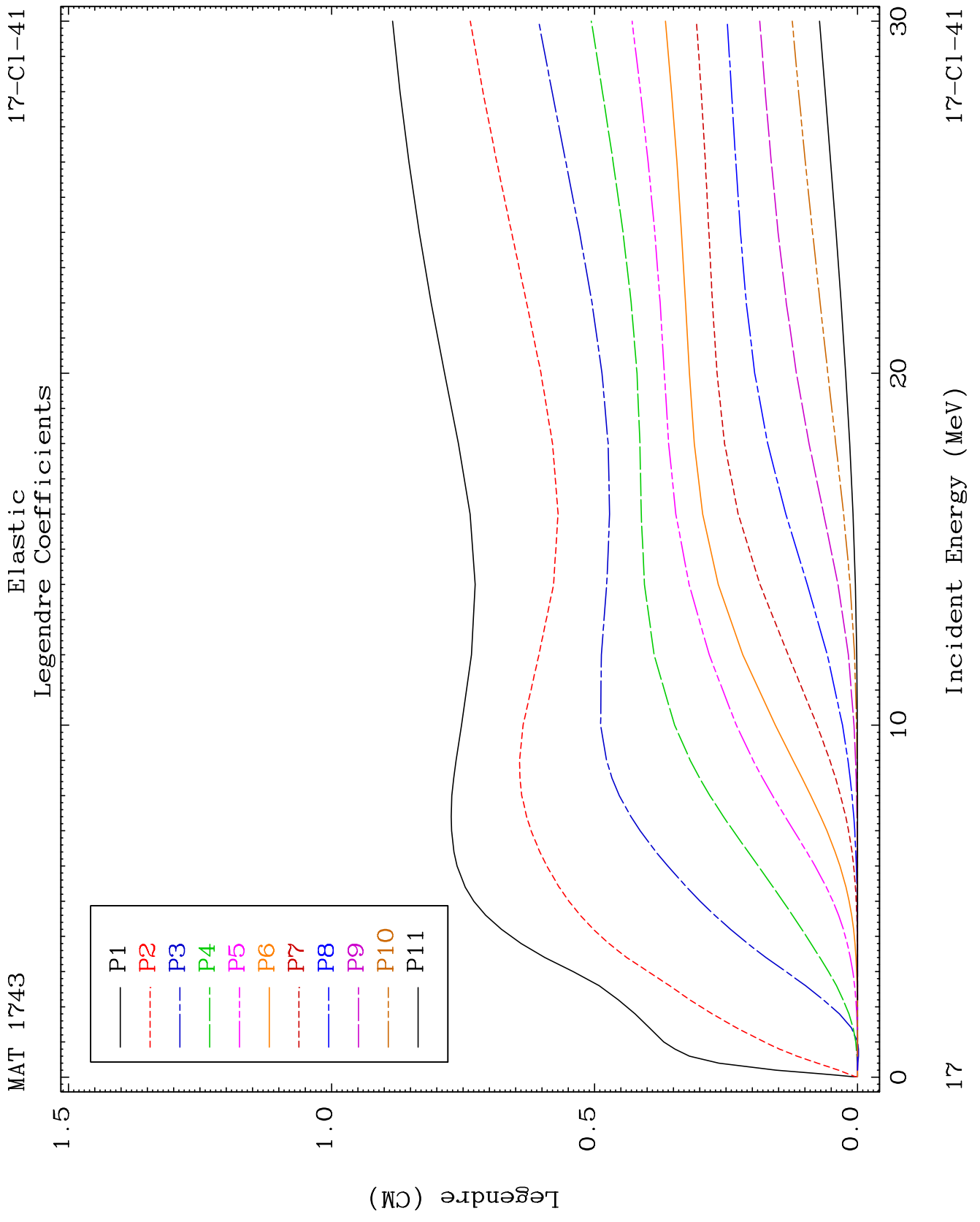
17-Cl-41



16

Incident Energy (MeV)

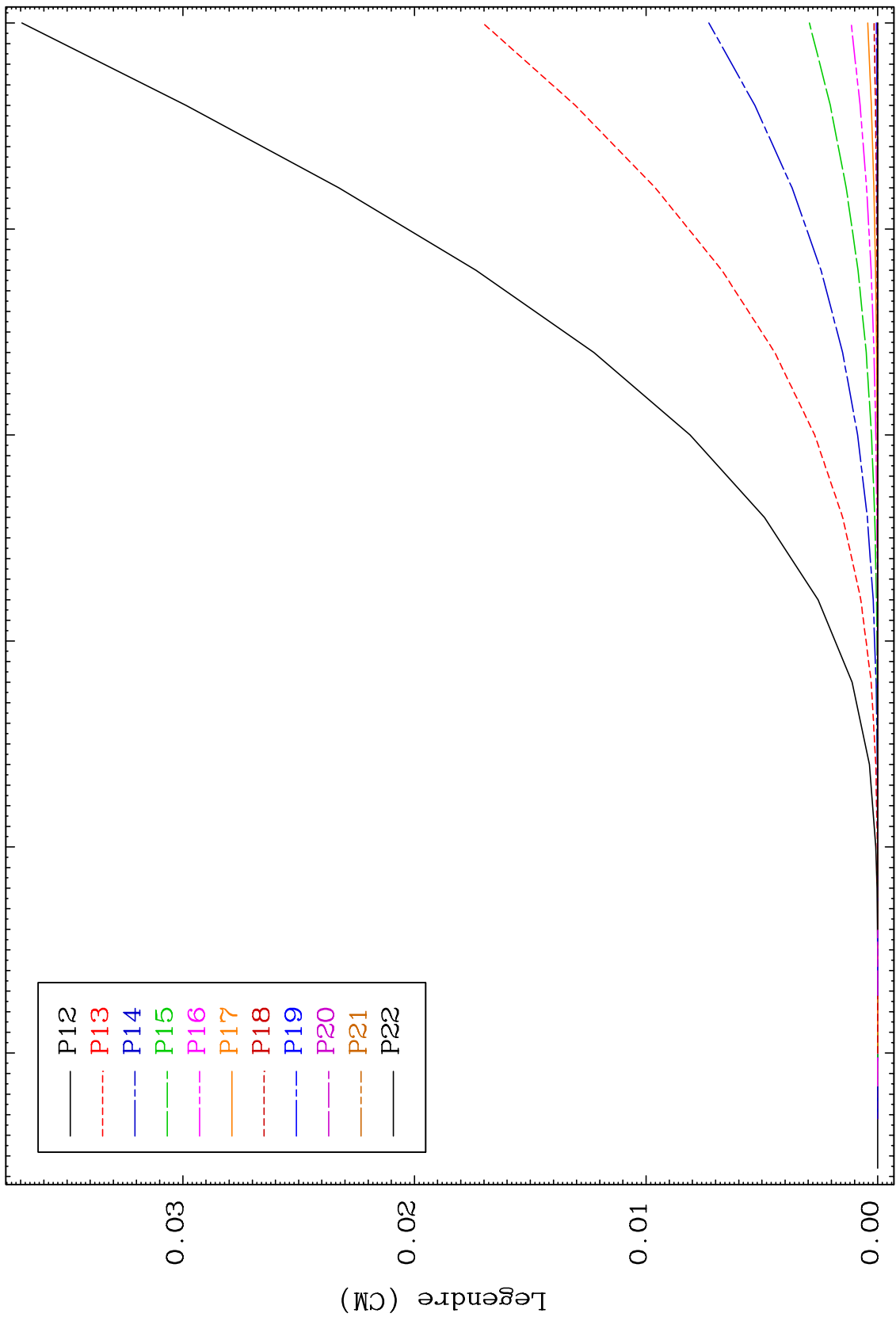
17-Cl-41



MAT 1743

Elastic  
Legendre Coefficients

17-Cl-41



18

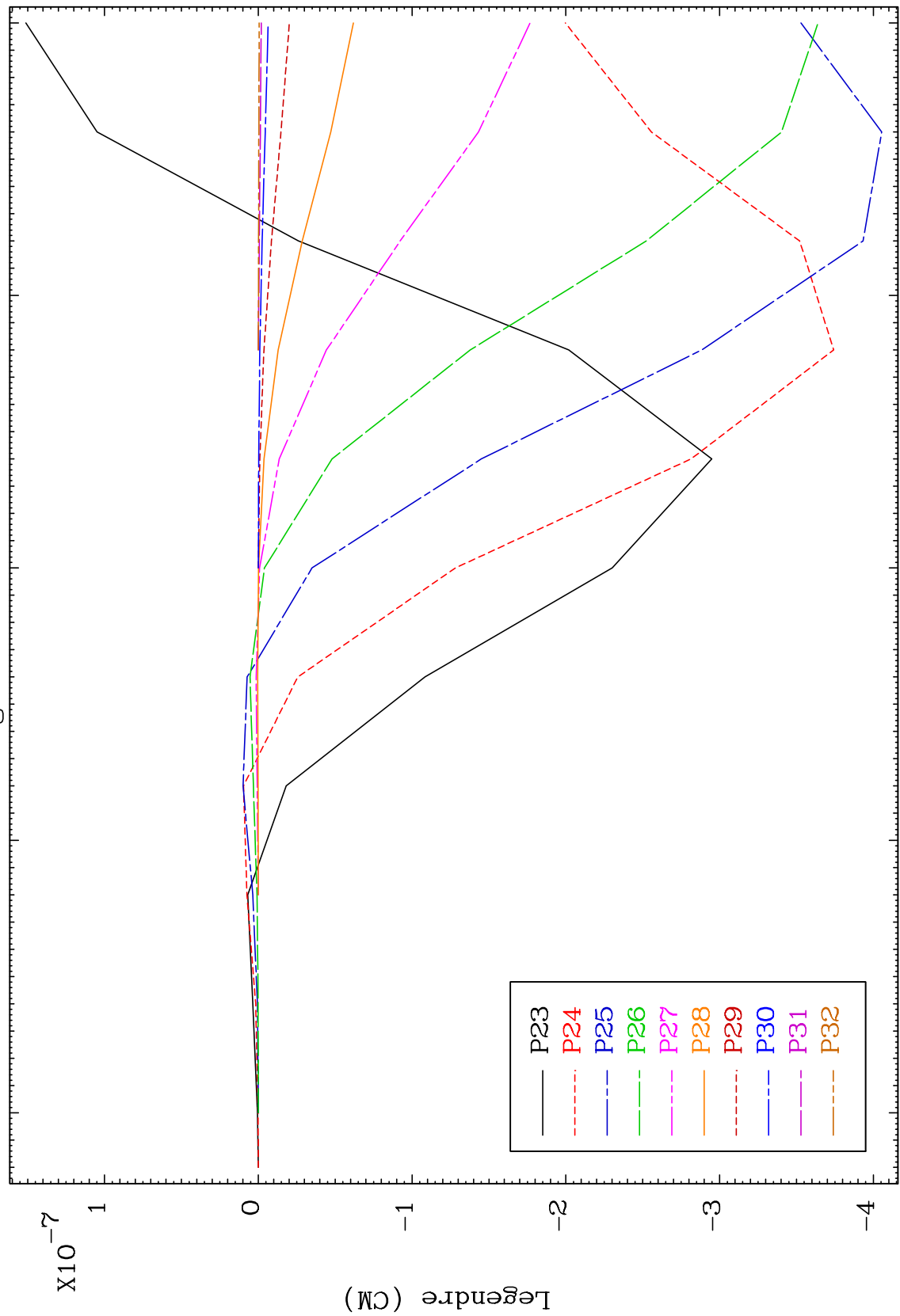
Incident Energy (MeV)

17-Cl-41

MAT 1743

Elastic Legendre Coefficients

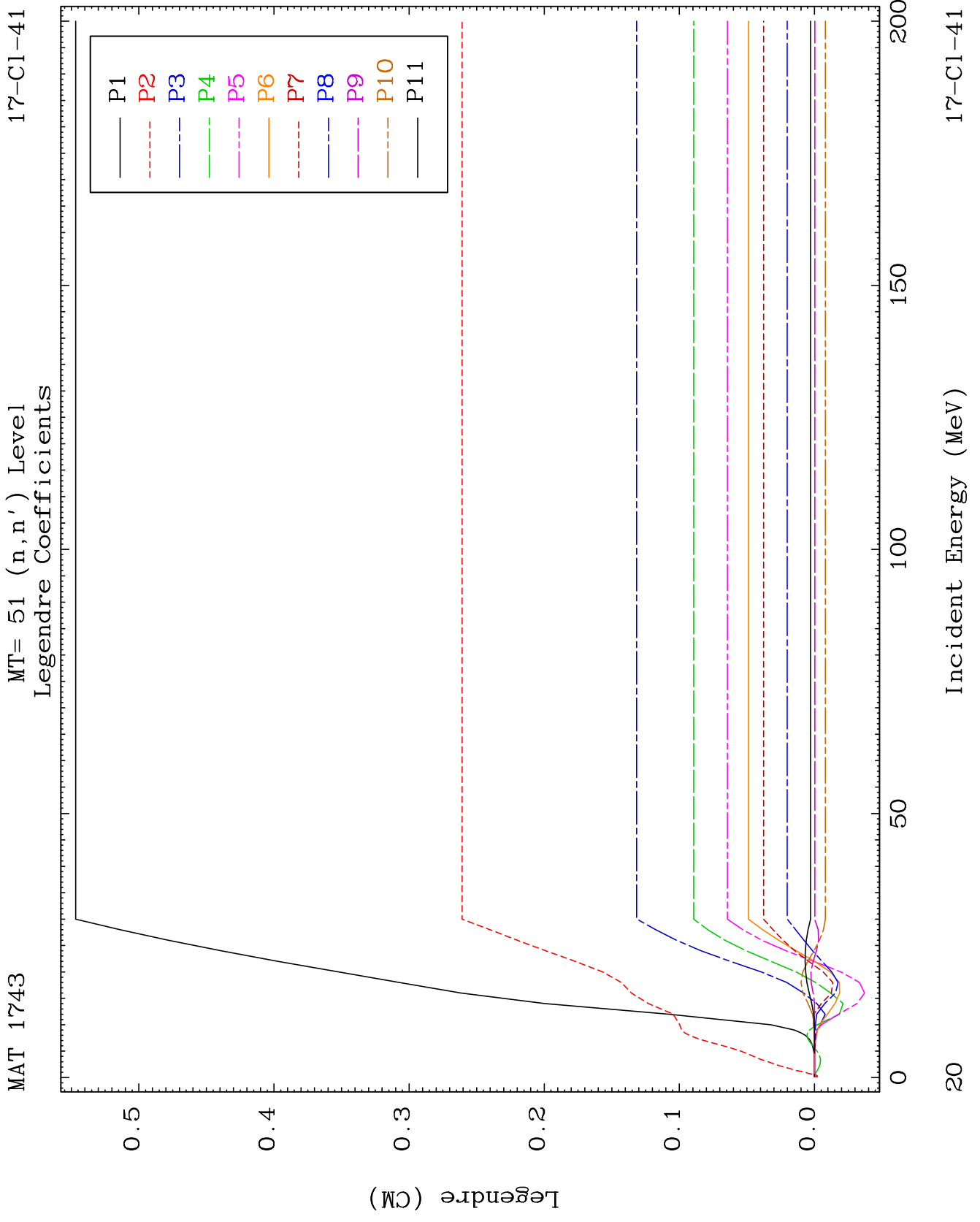
17-Cl-41



19

Incident Energy (MeV)

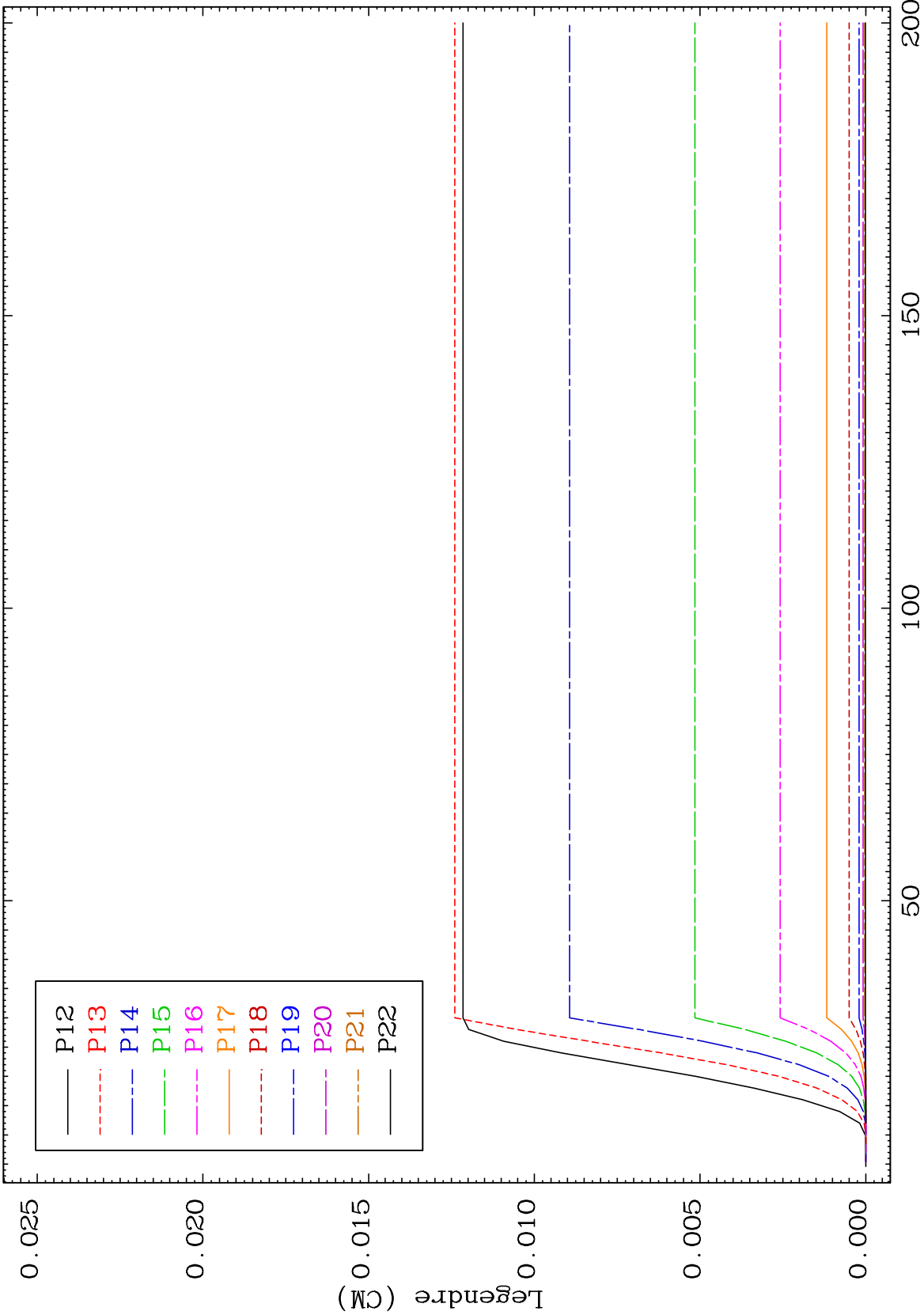
17-Cl-41



MAT 1743

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

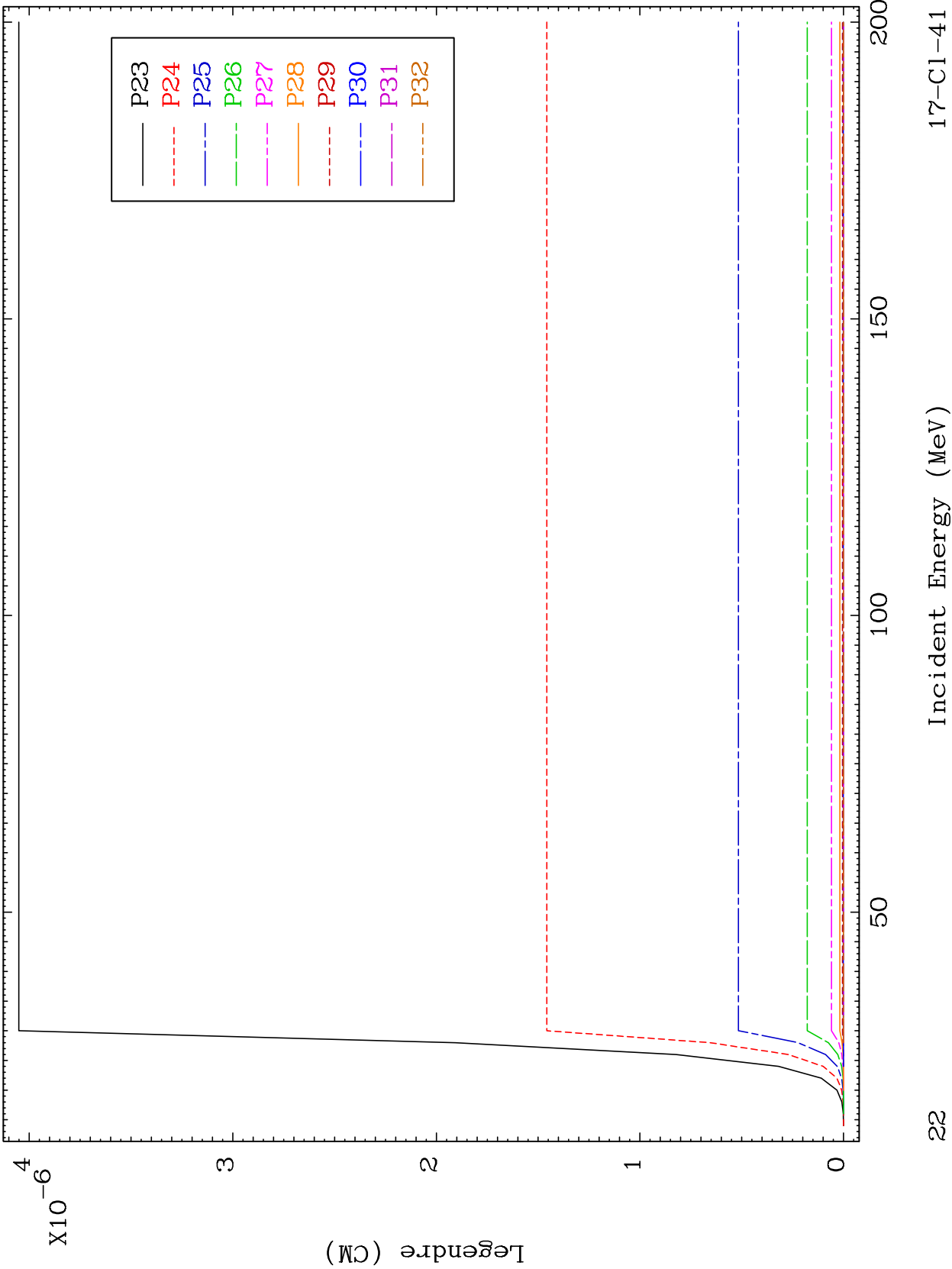
17-Cl-41



MAT 1743

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

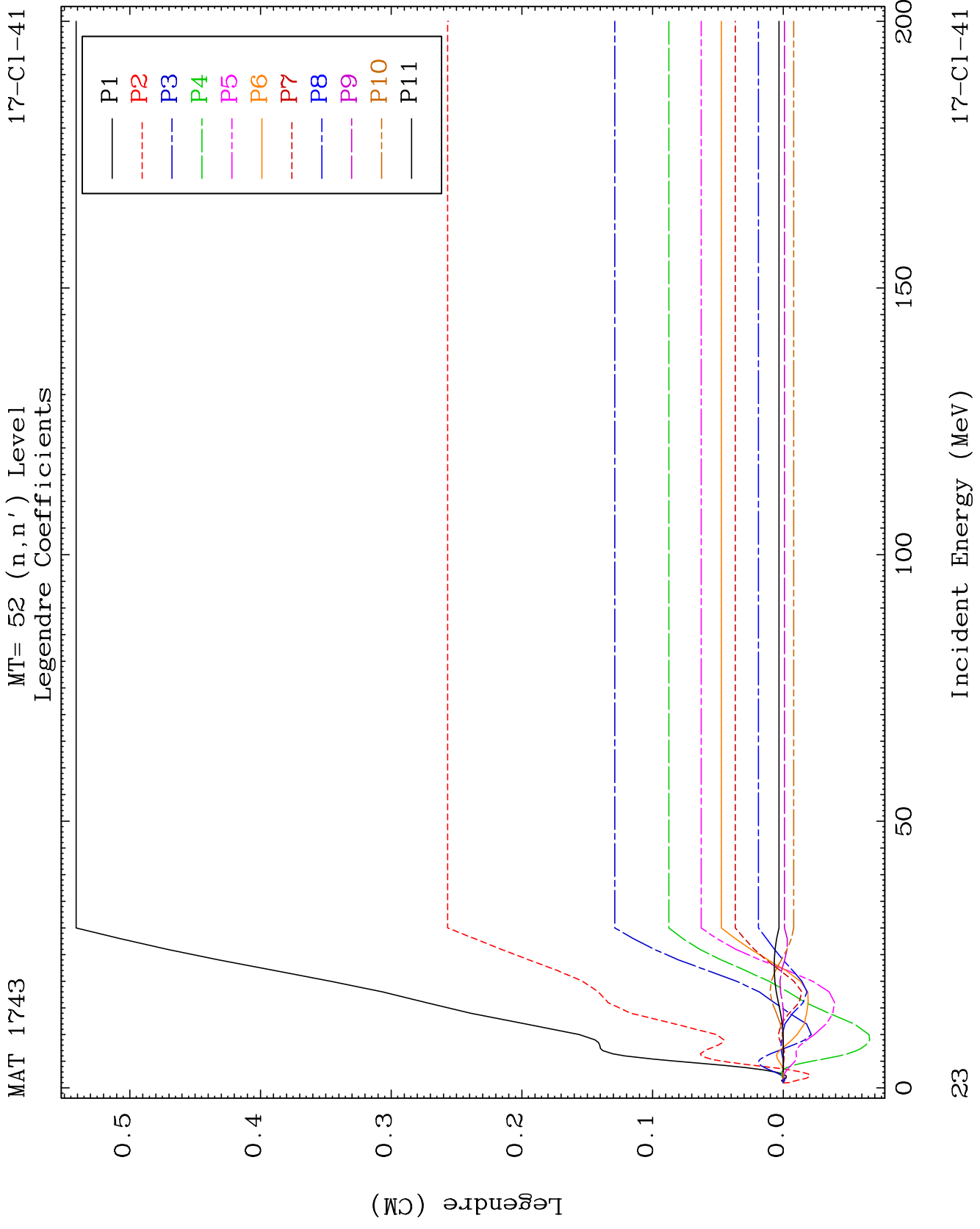
17-Cl-41



22

Incident Energy (MeV)

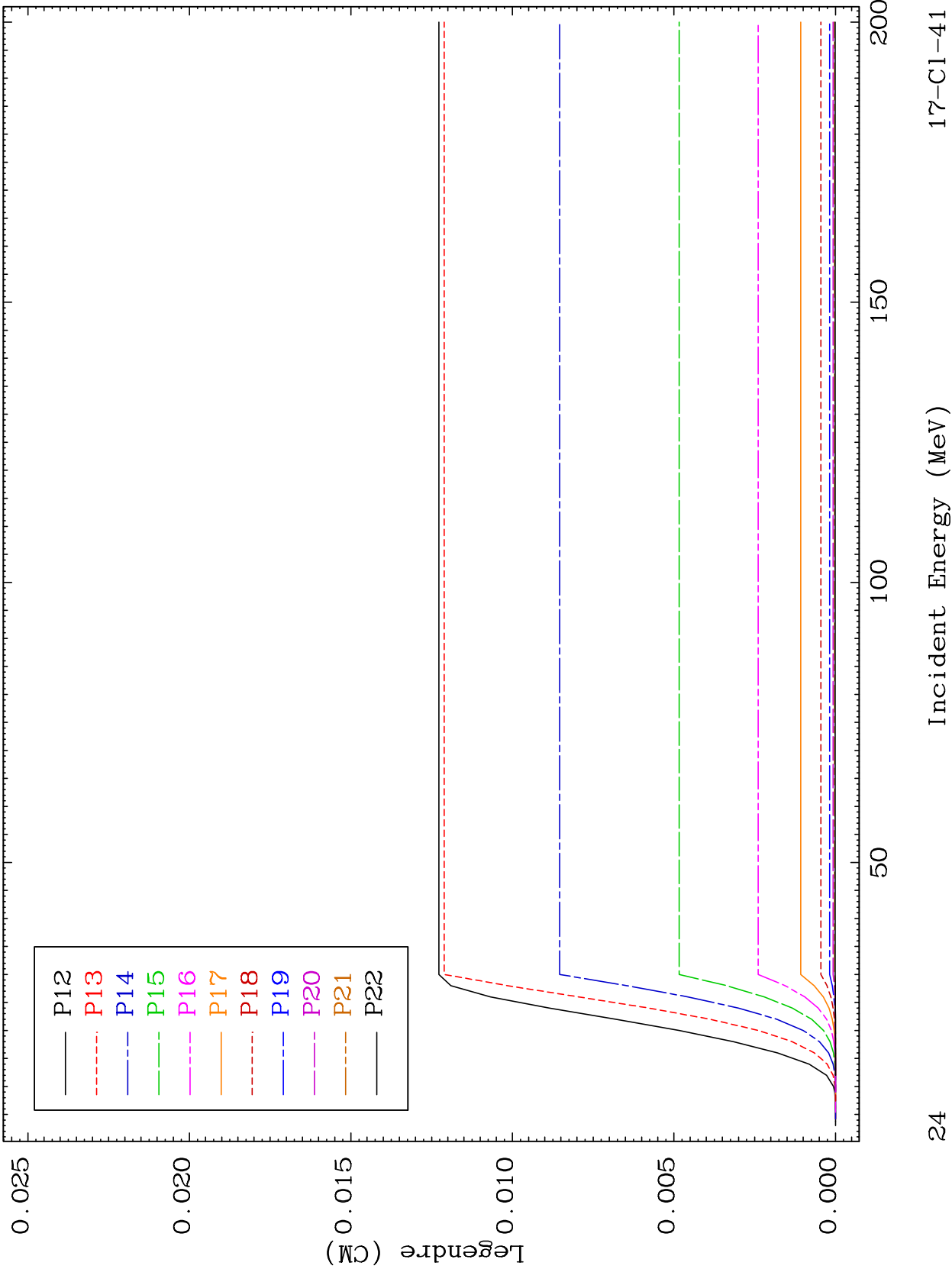
17-Cl-41



MAT 1743

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

17-Cl-41



24

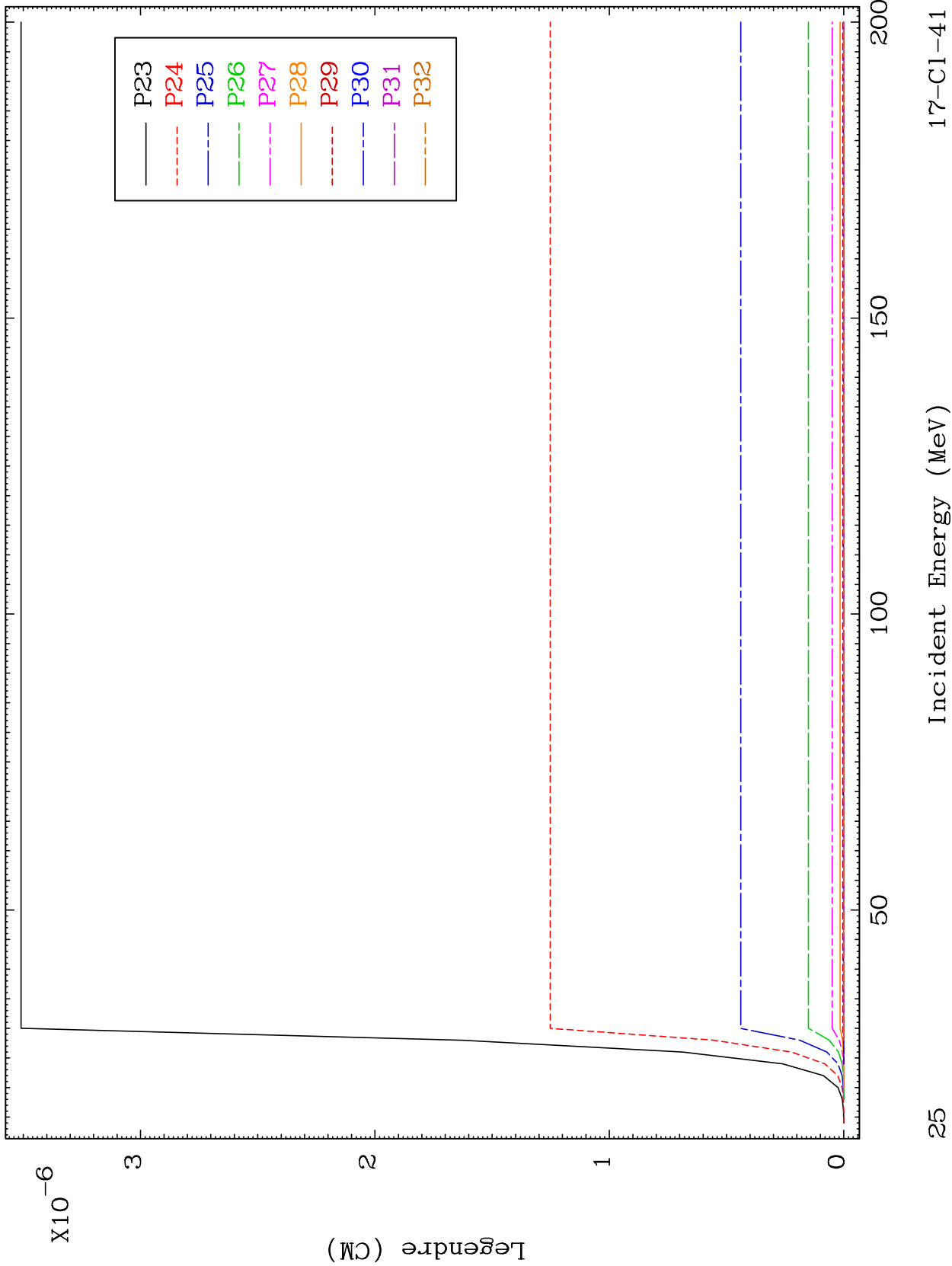
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



25

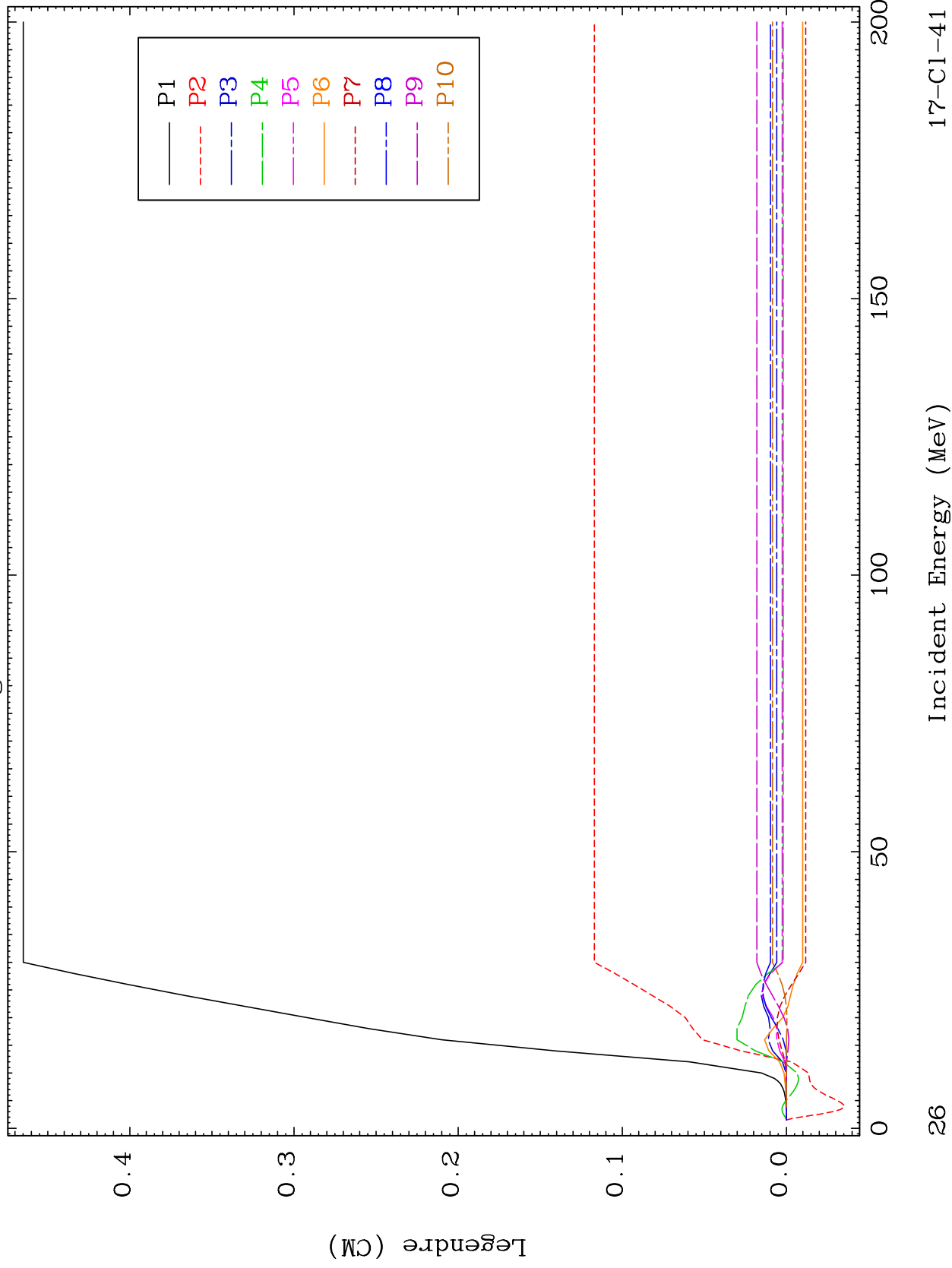
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



17-Cl-41

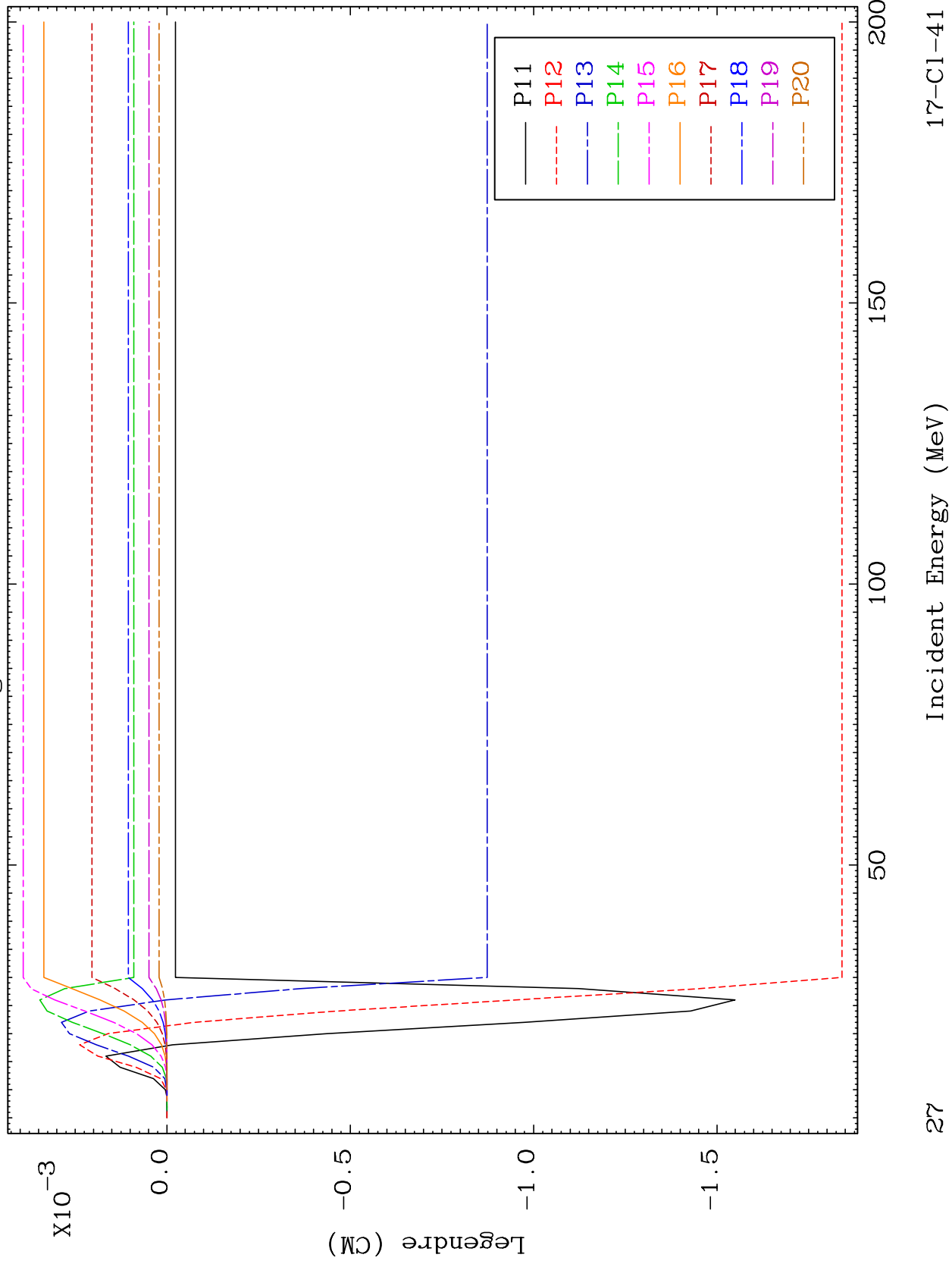
Incident Energy (MeV)

26

MAT 1743

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

17-Cl-41



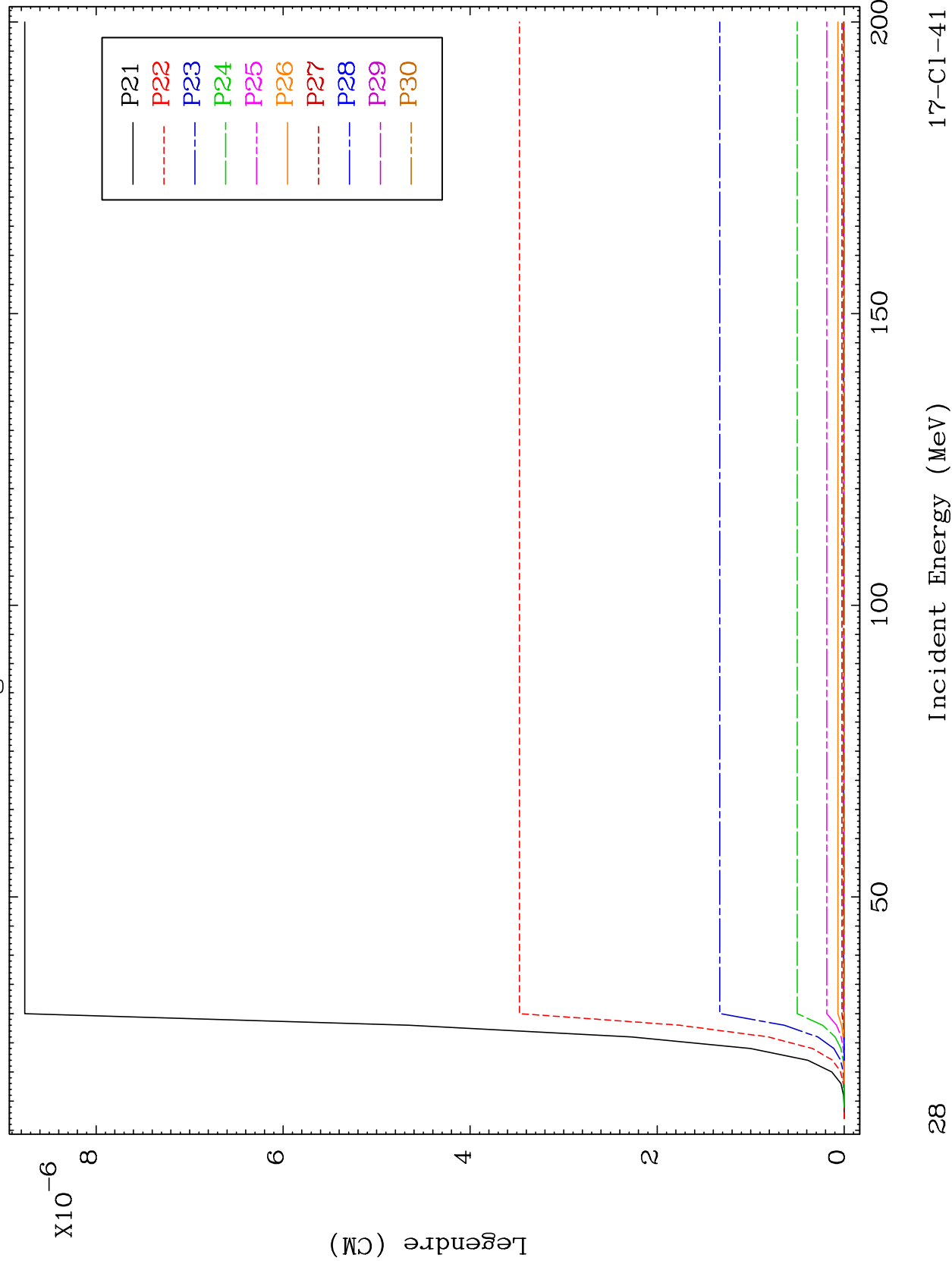
27

17-Cl-41

MAT 1743

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

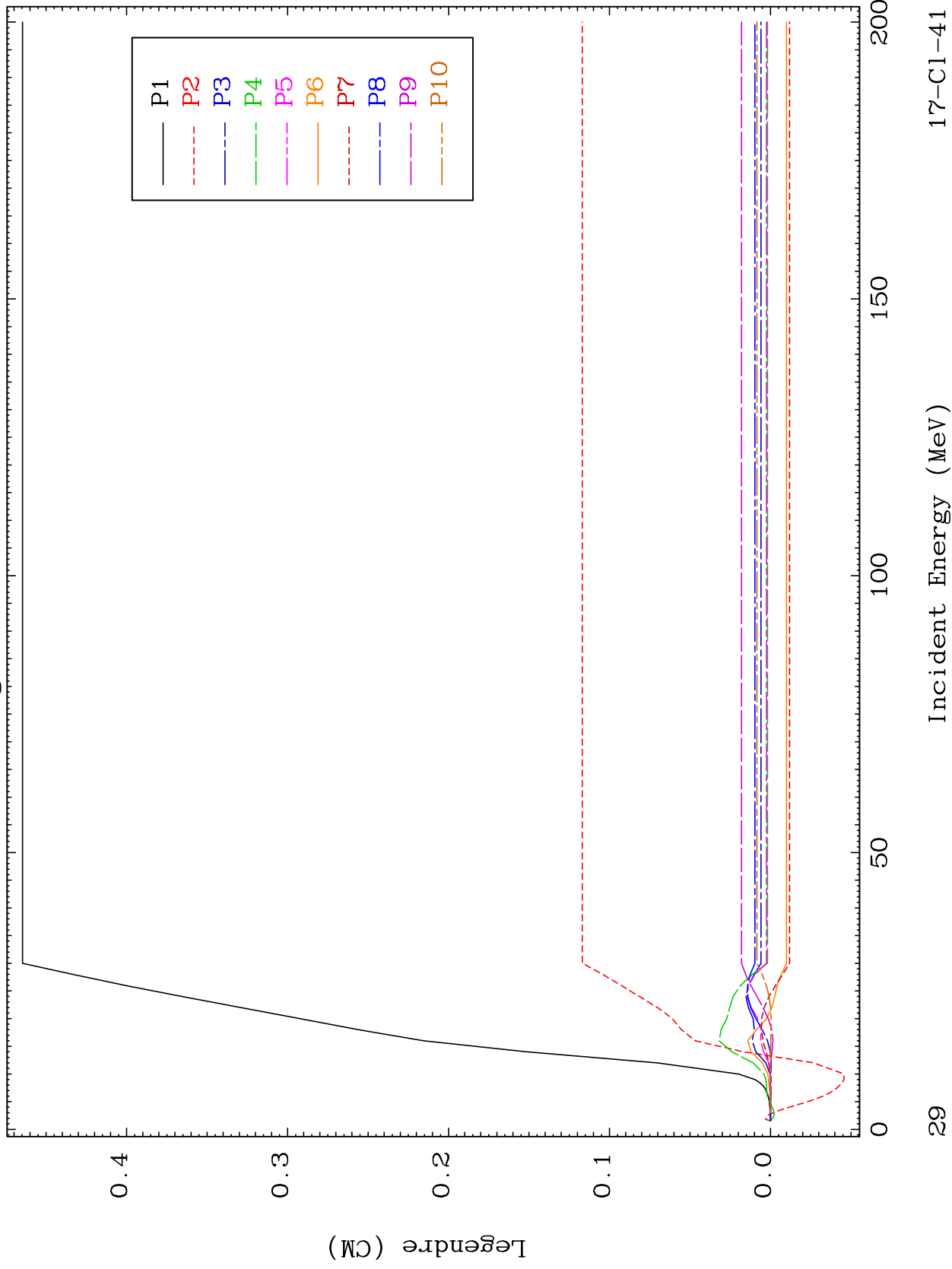
17-Cl-41



MAT 1743

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

17-Cl-41



17-Cl-41

Incident Energy (MeV)

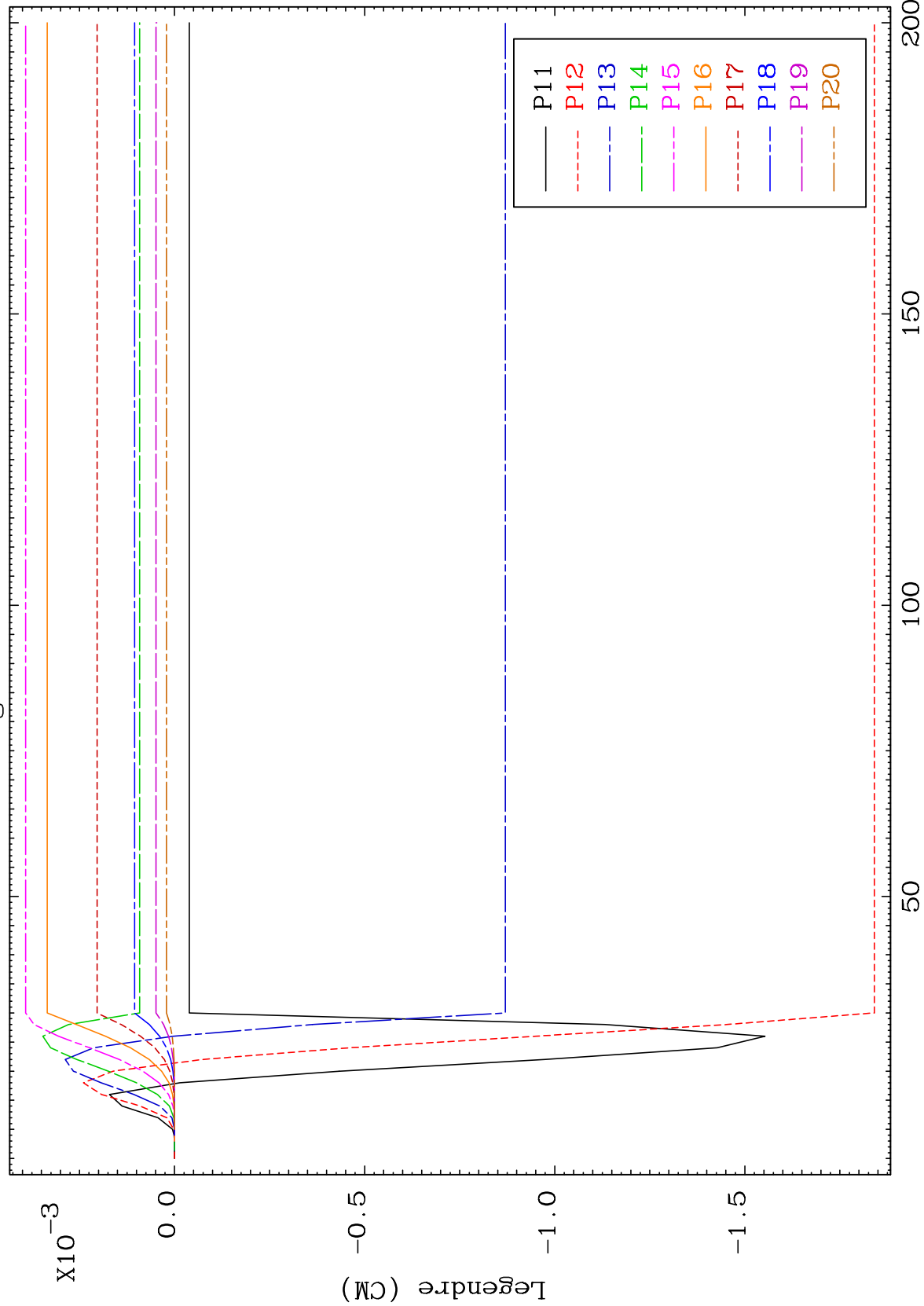
29

MAT 1743

MT= 54 (n,n') Level

17-Cl-41

Legendre Coefficients



30

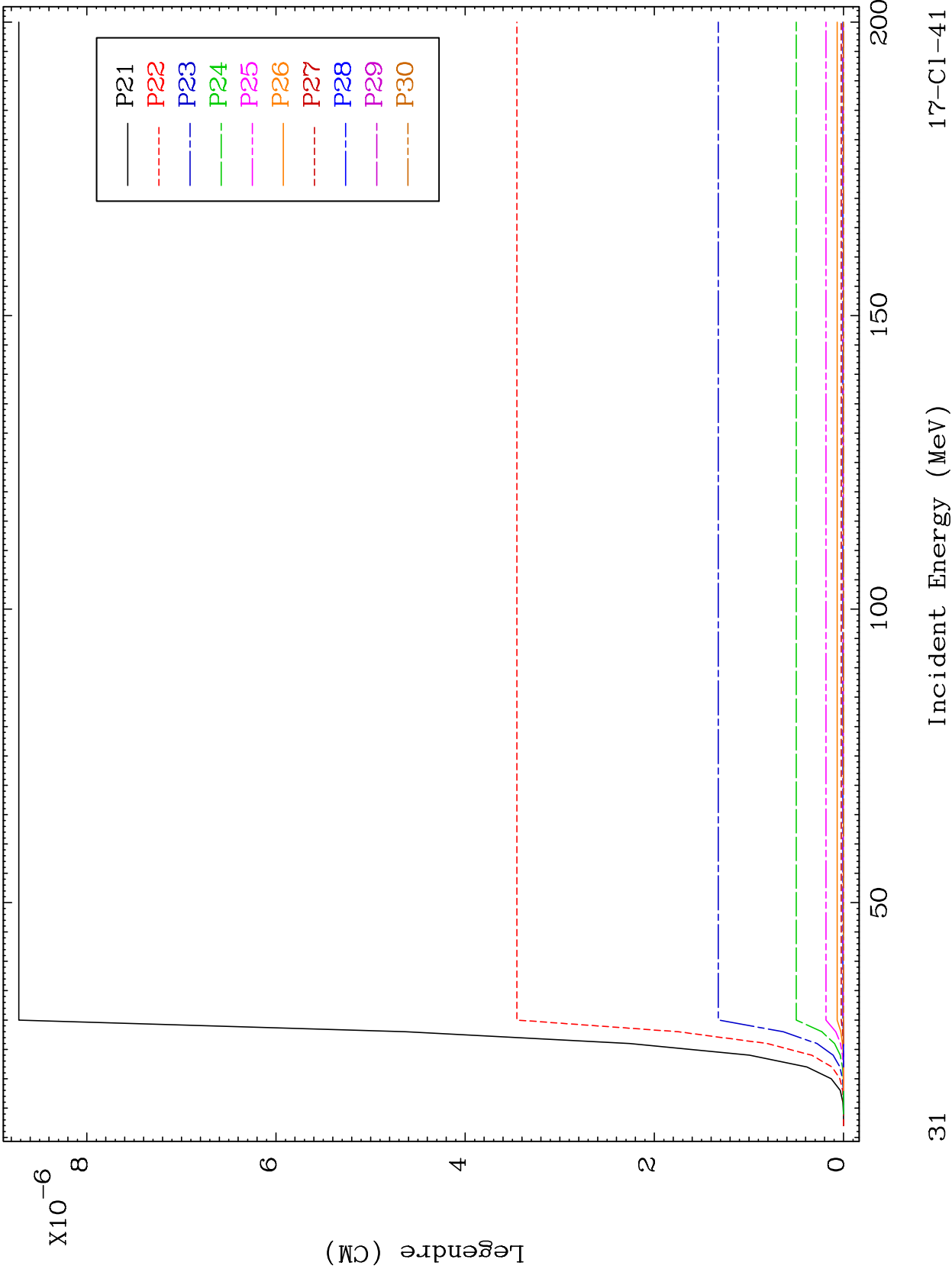
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



31

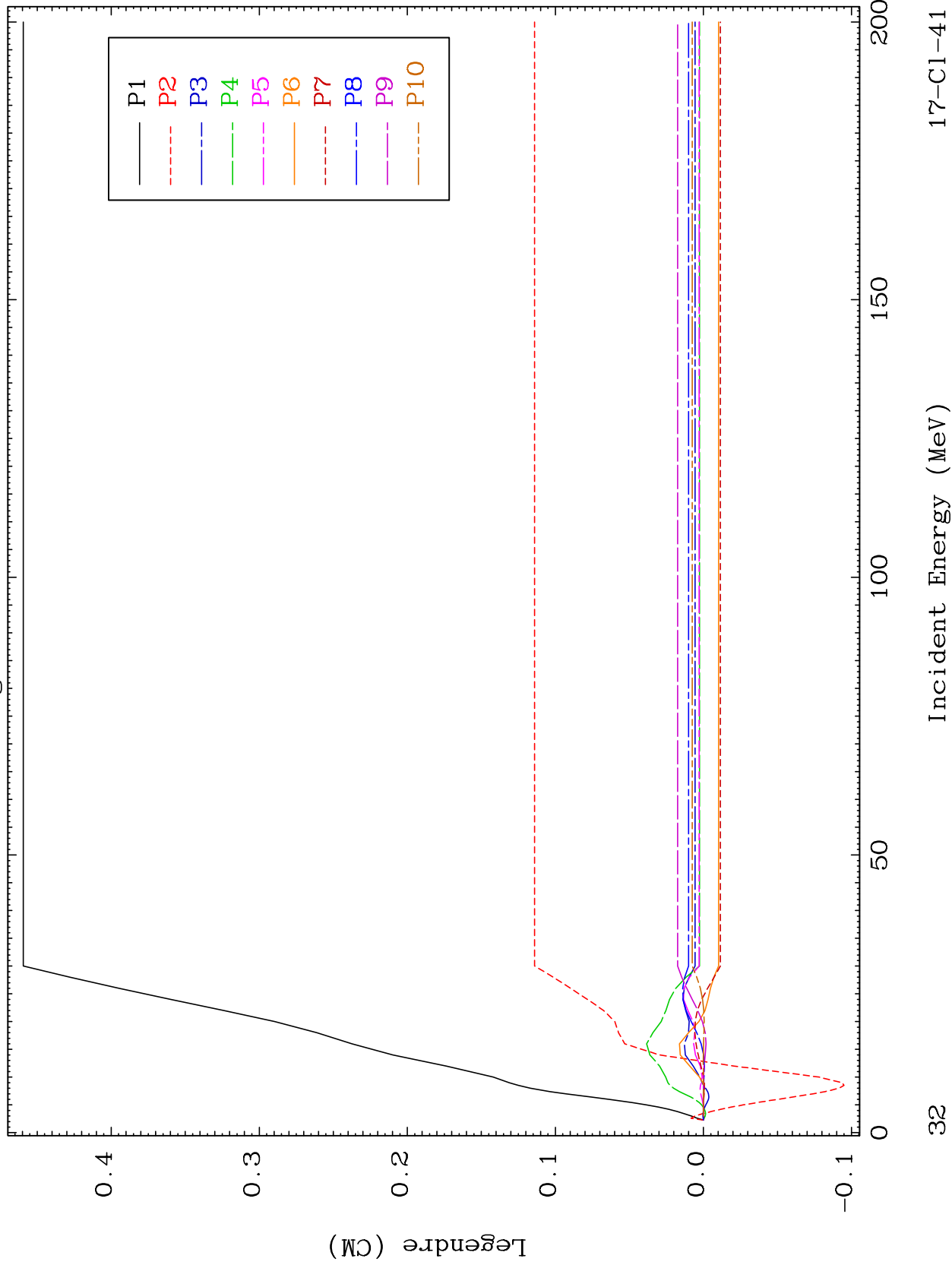
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



17-Cl-41

Incident Energy (MeV)

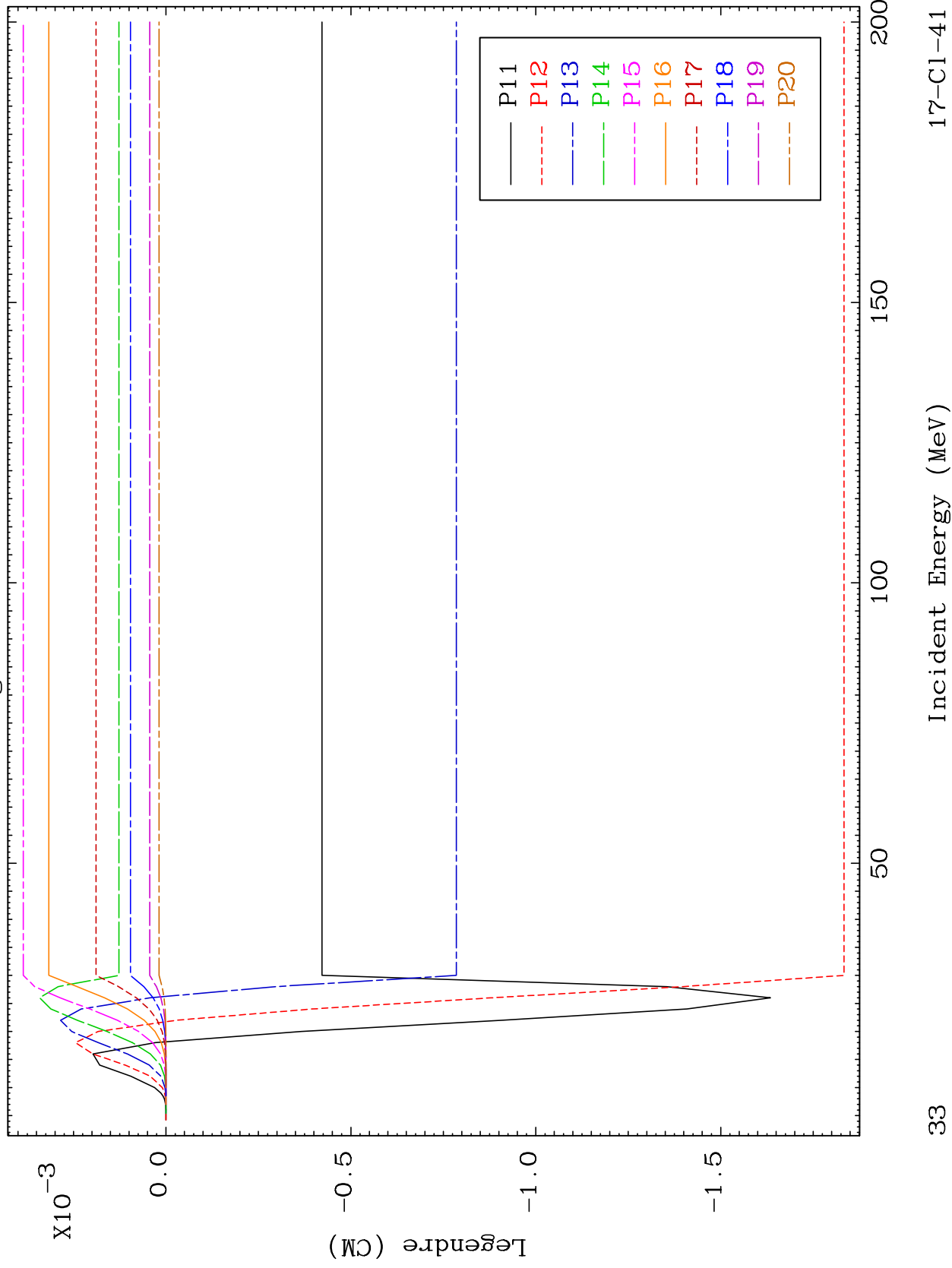
32

MAT 1743

MT= 55 (n,n') Level

17-Cl-41

Legendre Coefficients



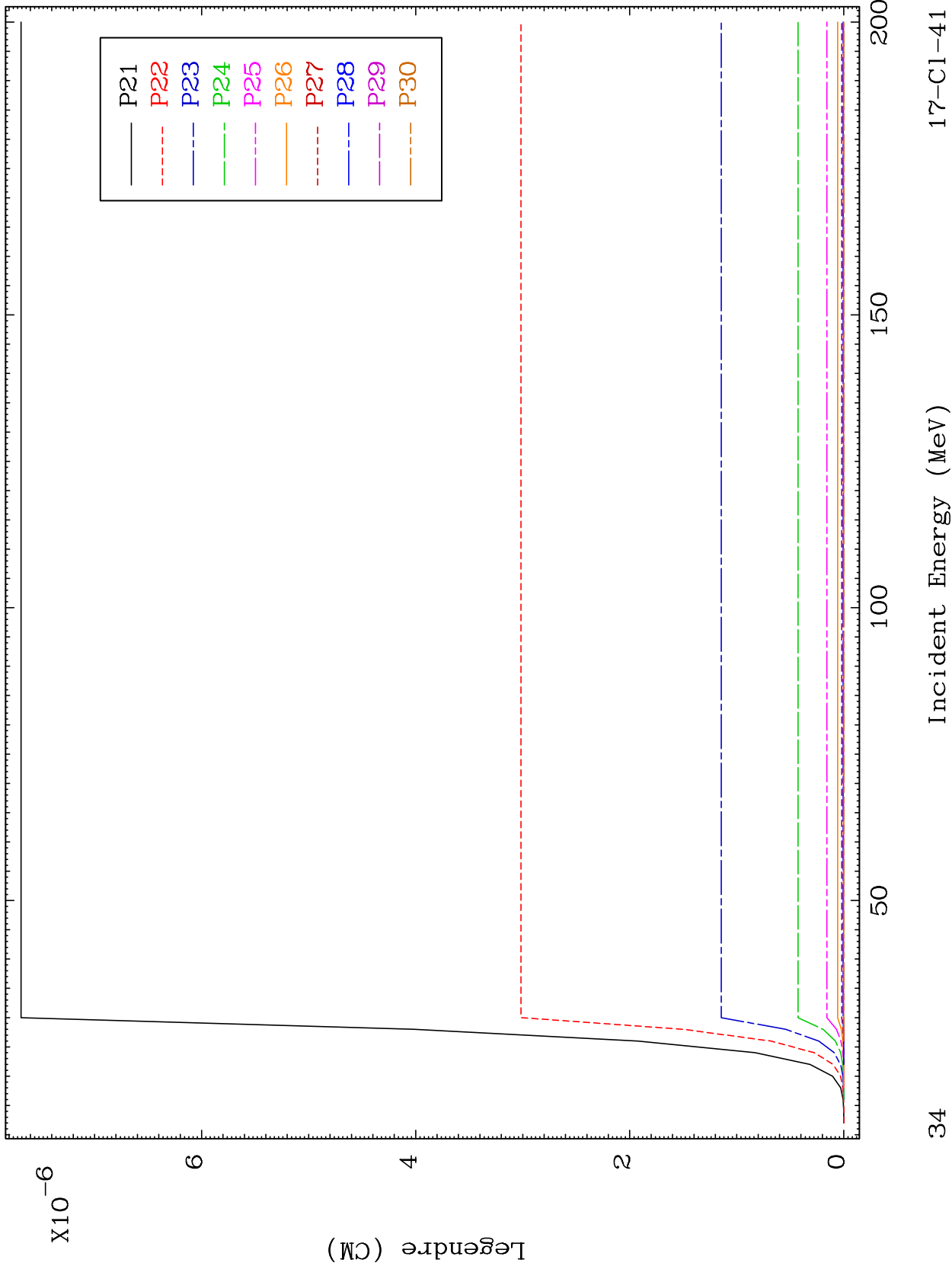
33

17-Cl-41

MAT 1743

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

17-Cl-41



34

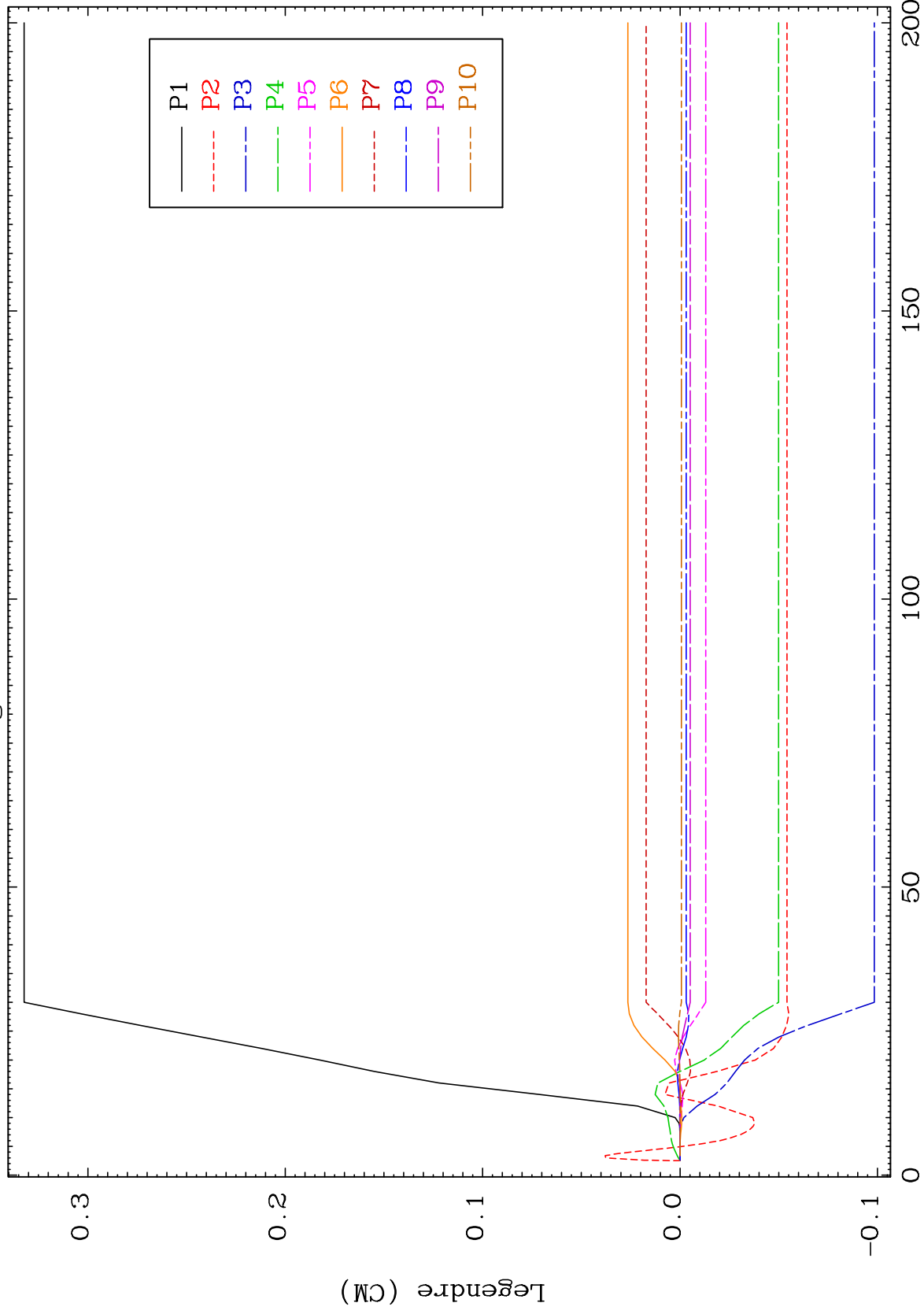
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



35

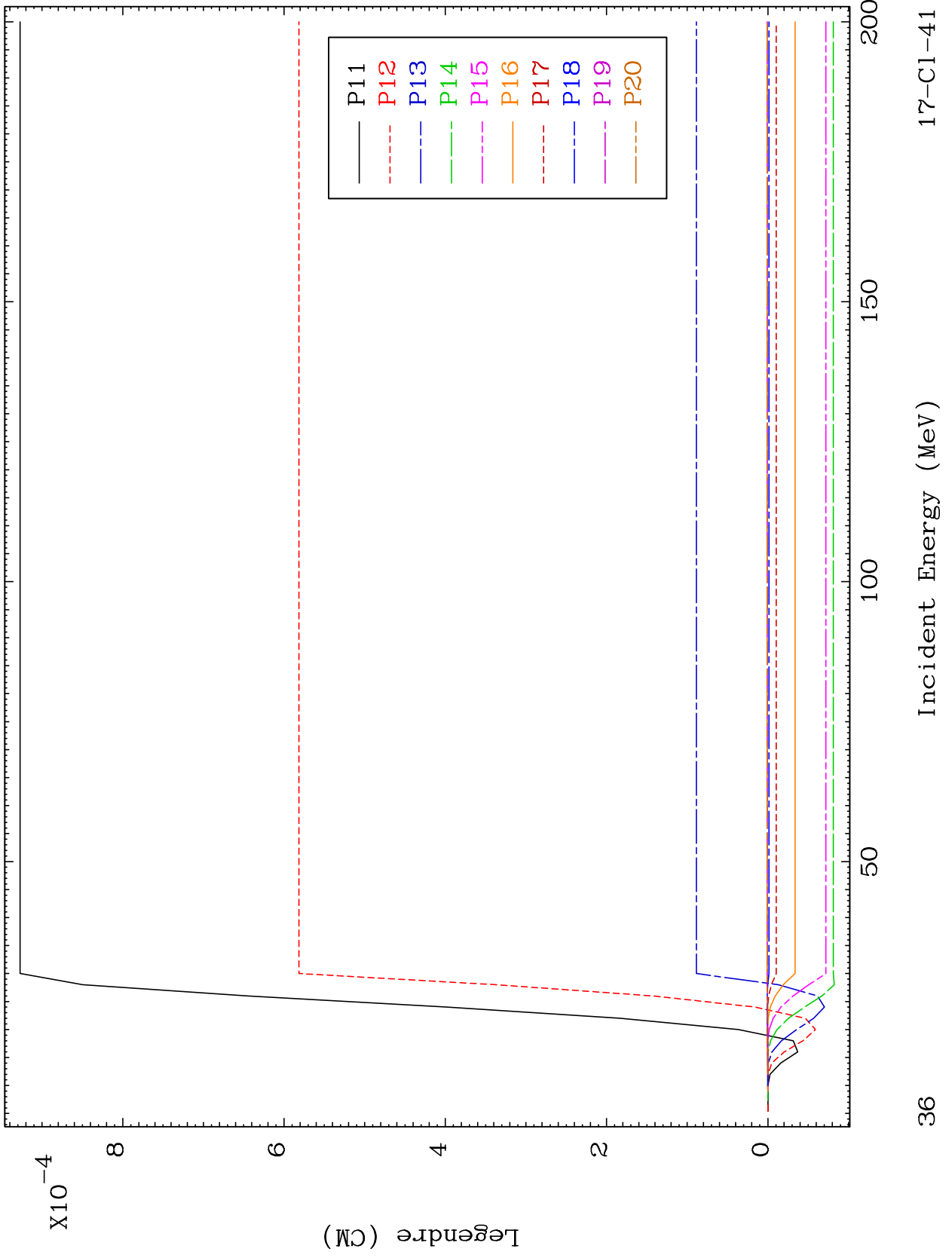
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



36

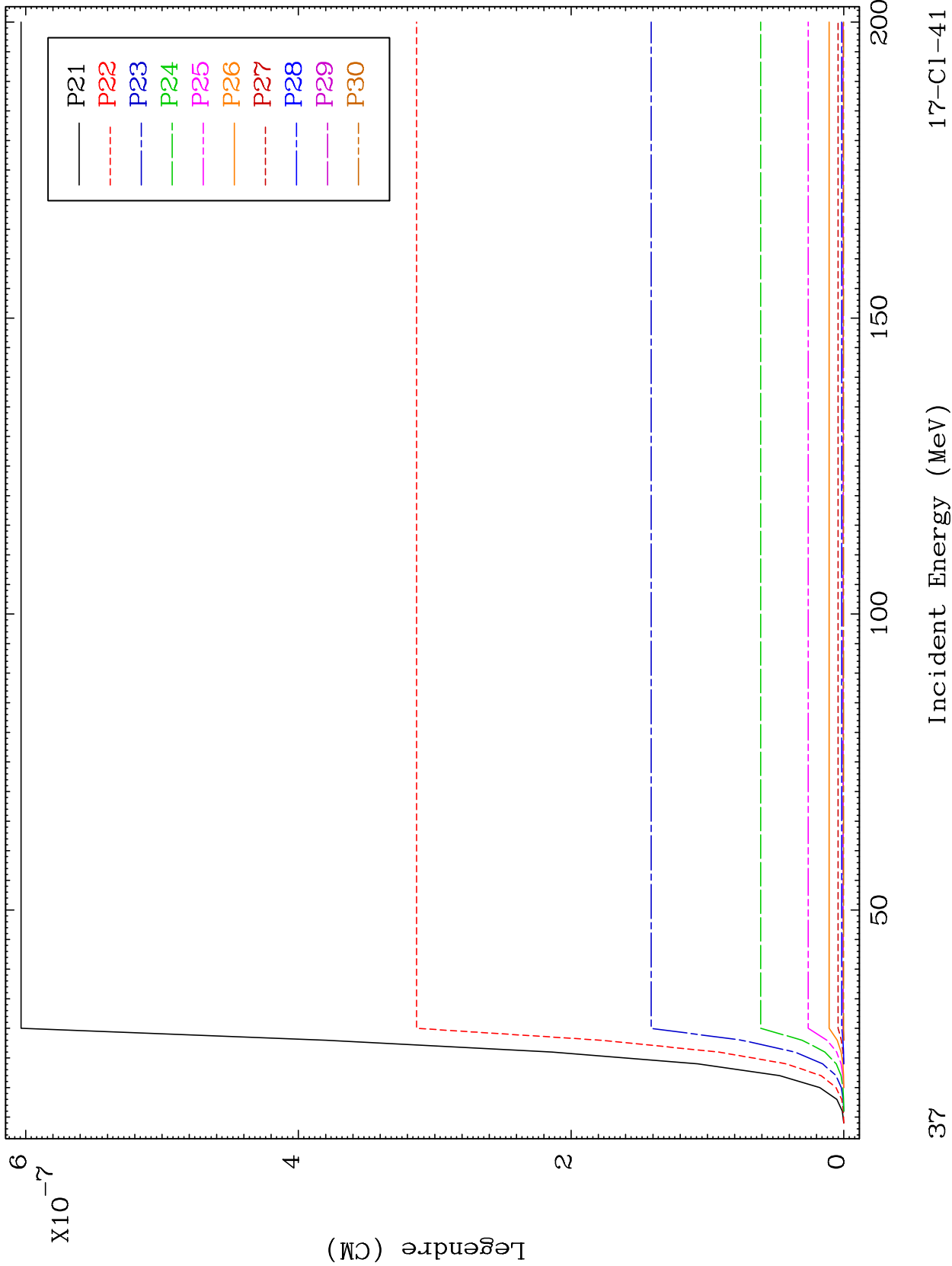
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

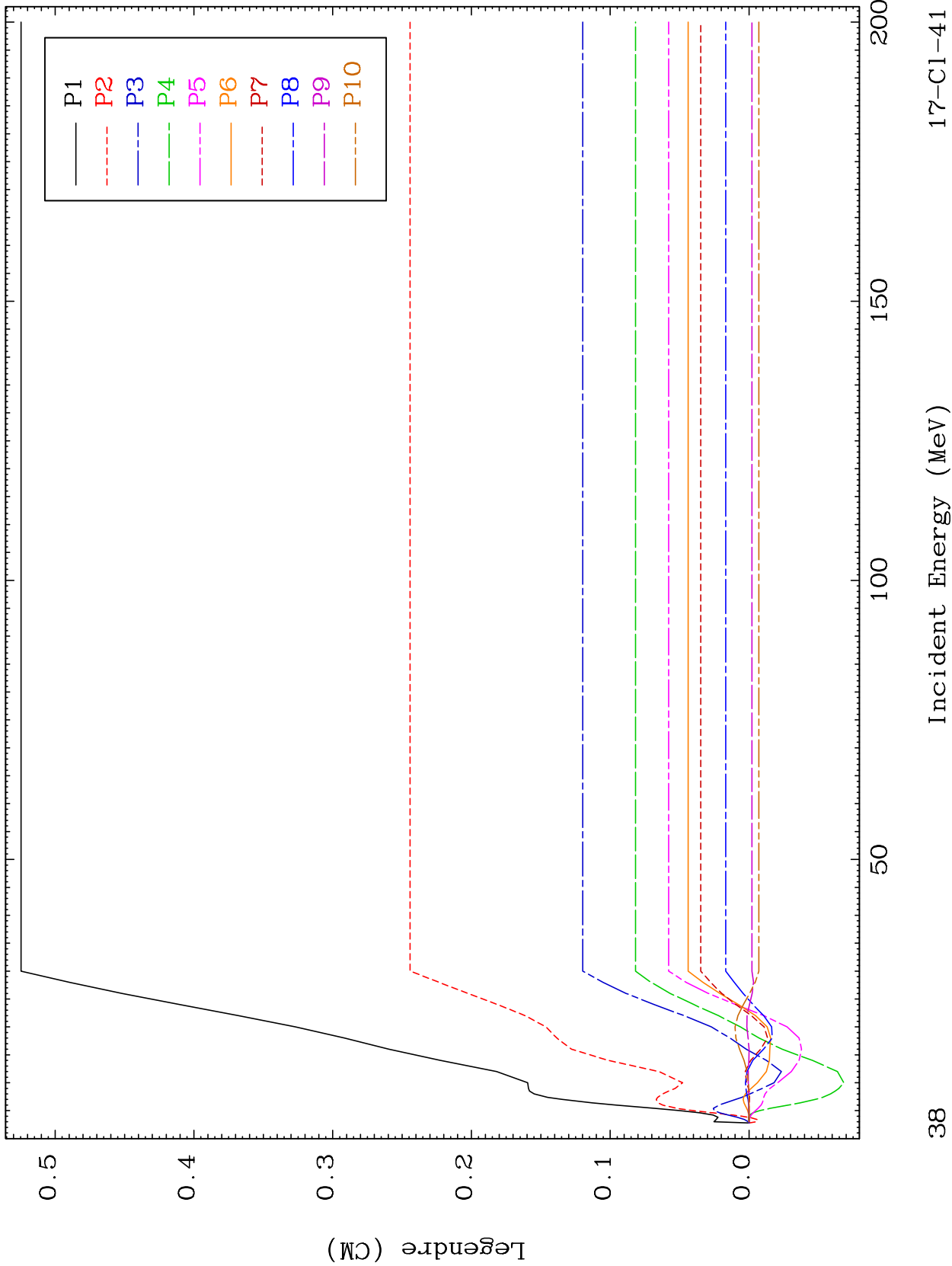
17-Cl-41



MAT 1743

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

17-Cl-41



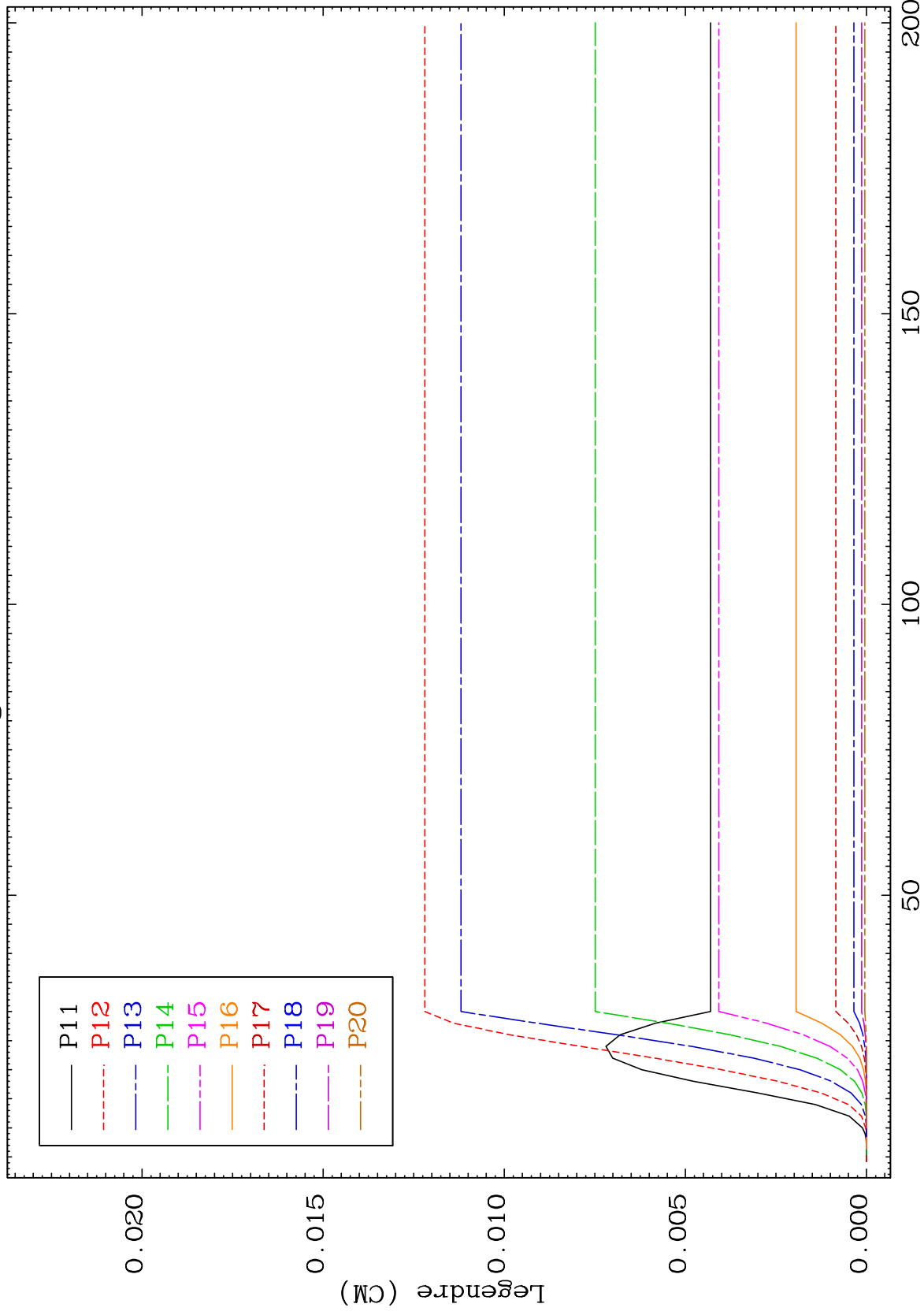
38

17-Cl-41

MAT 1743

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

17-Cl-41



39

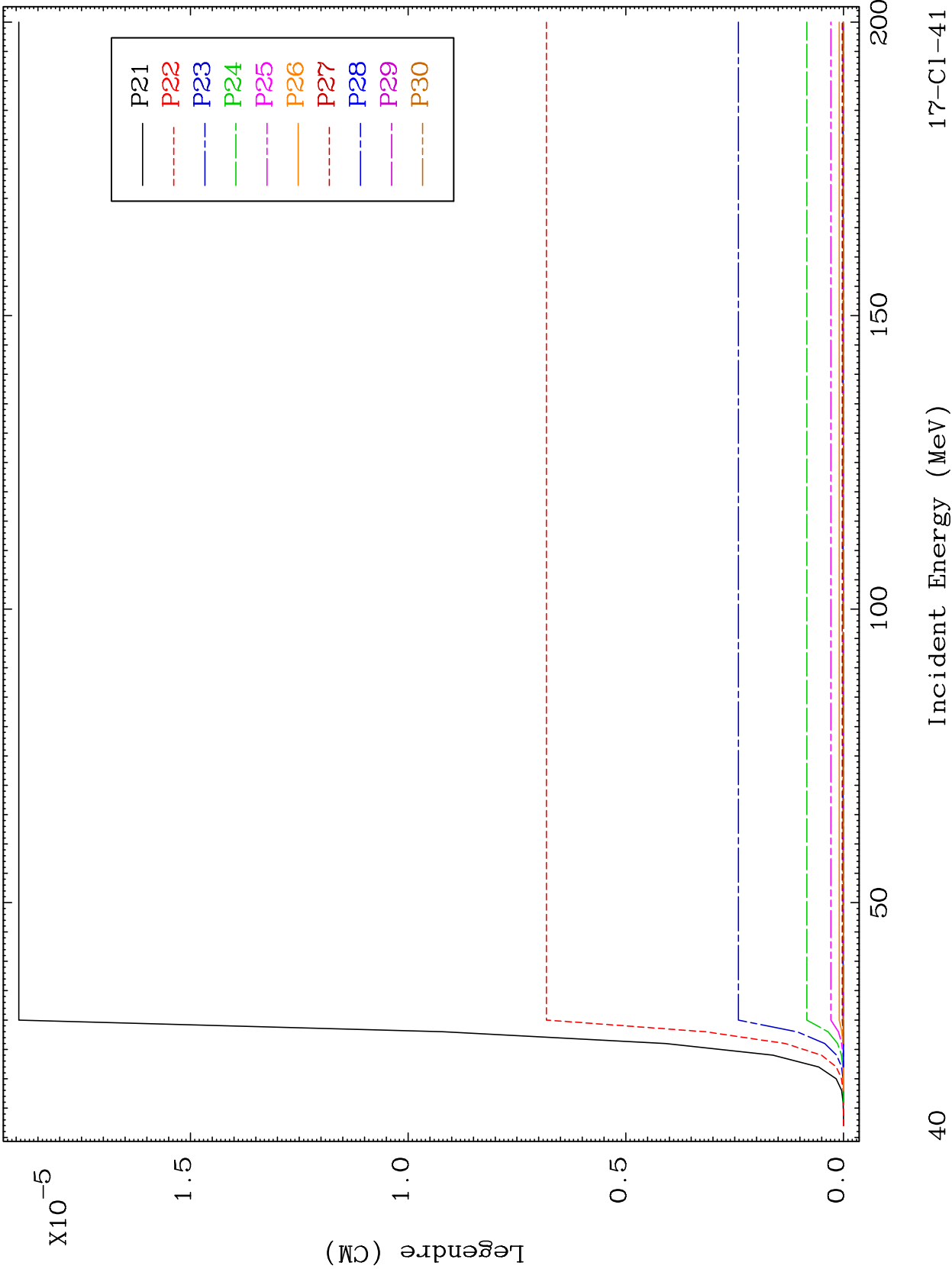
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

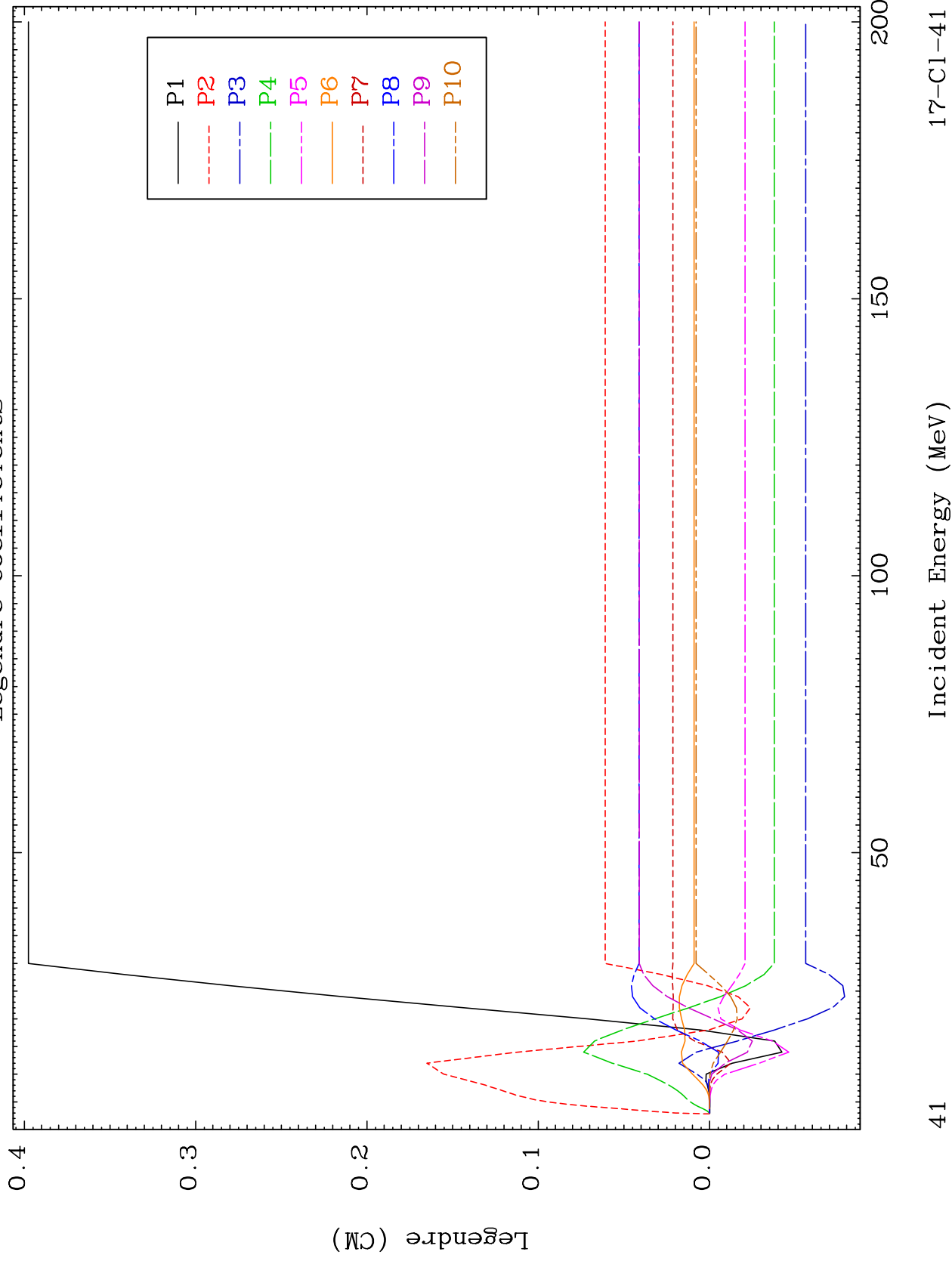
17-Cl-41



MAT 1743

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

17-Cl-41



41

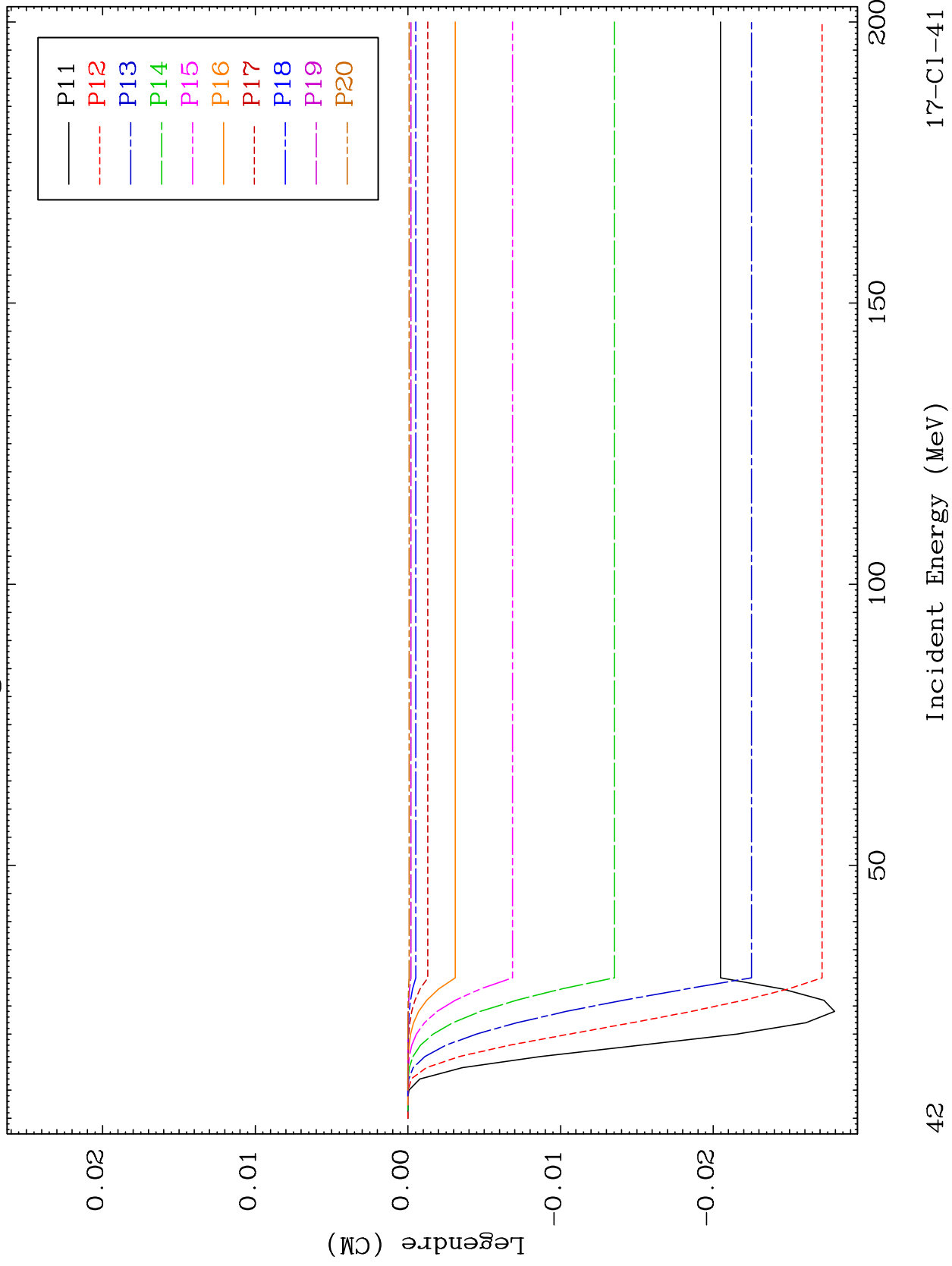
Incident Energy (MeV)

17-Cl-41

MAT 1743

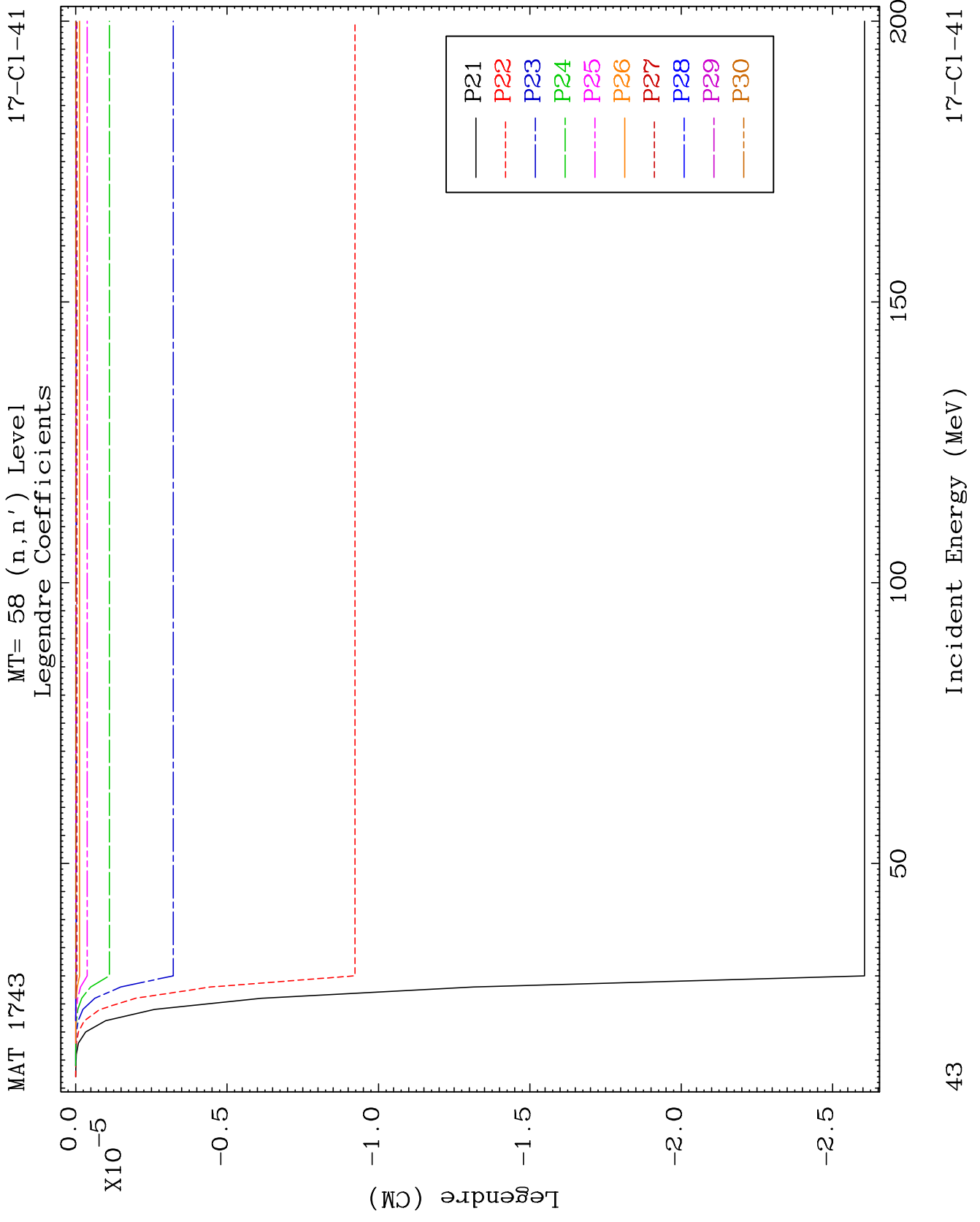
MT= 58 (n,n') Level  
Legendre Coefficients

17-Cl-41



42

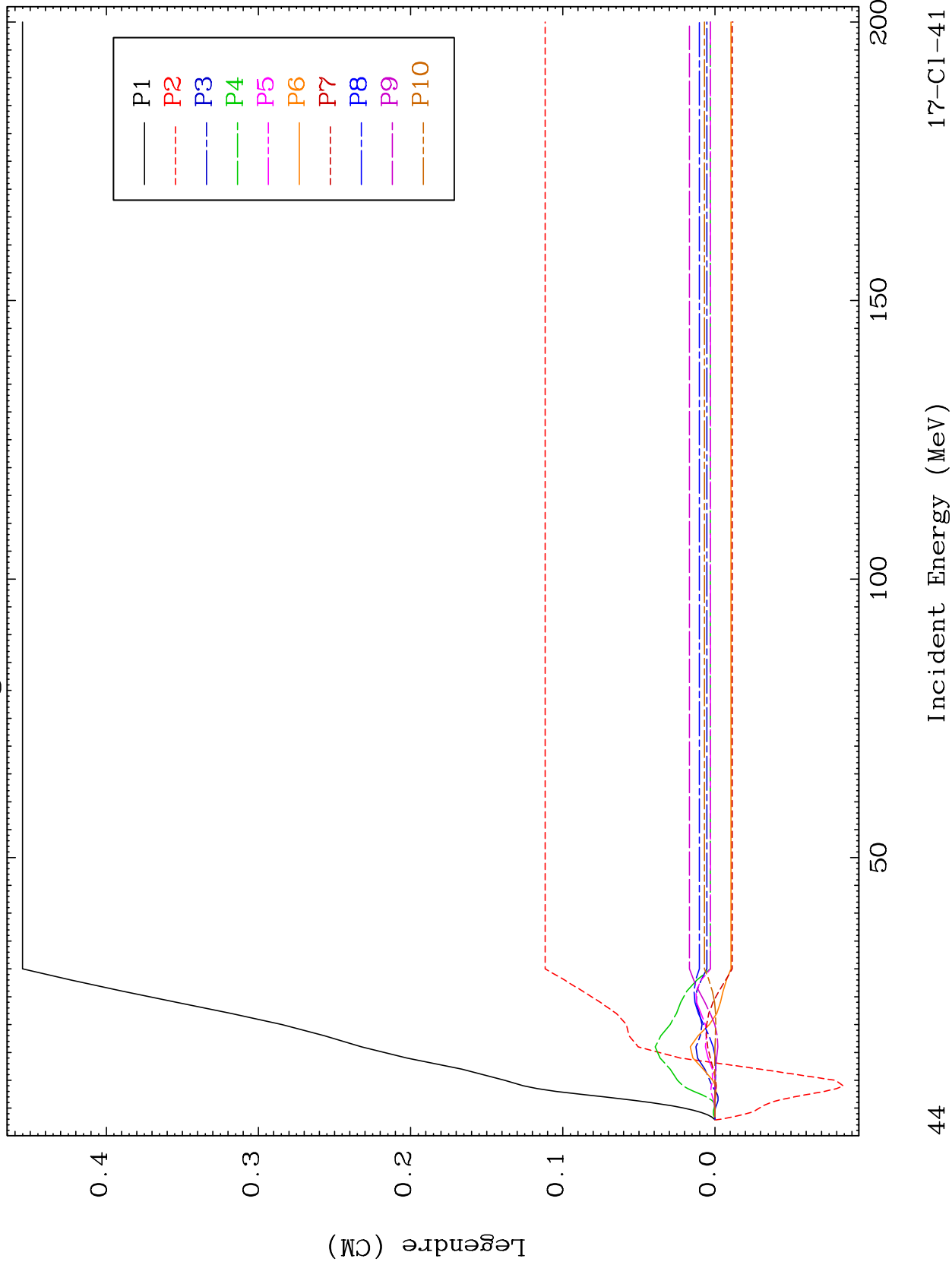
17-Cl-41



MAT 1743

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

17-Cl-41



44

Incident Energy (MeV)

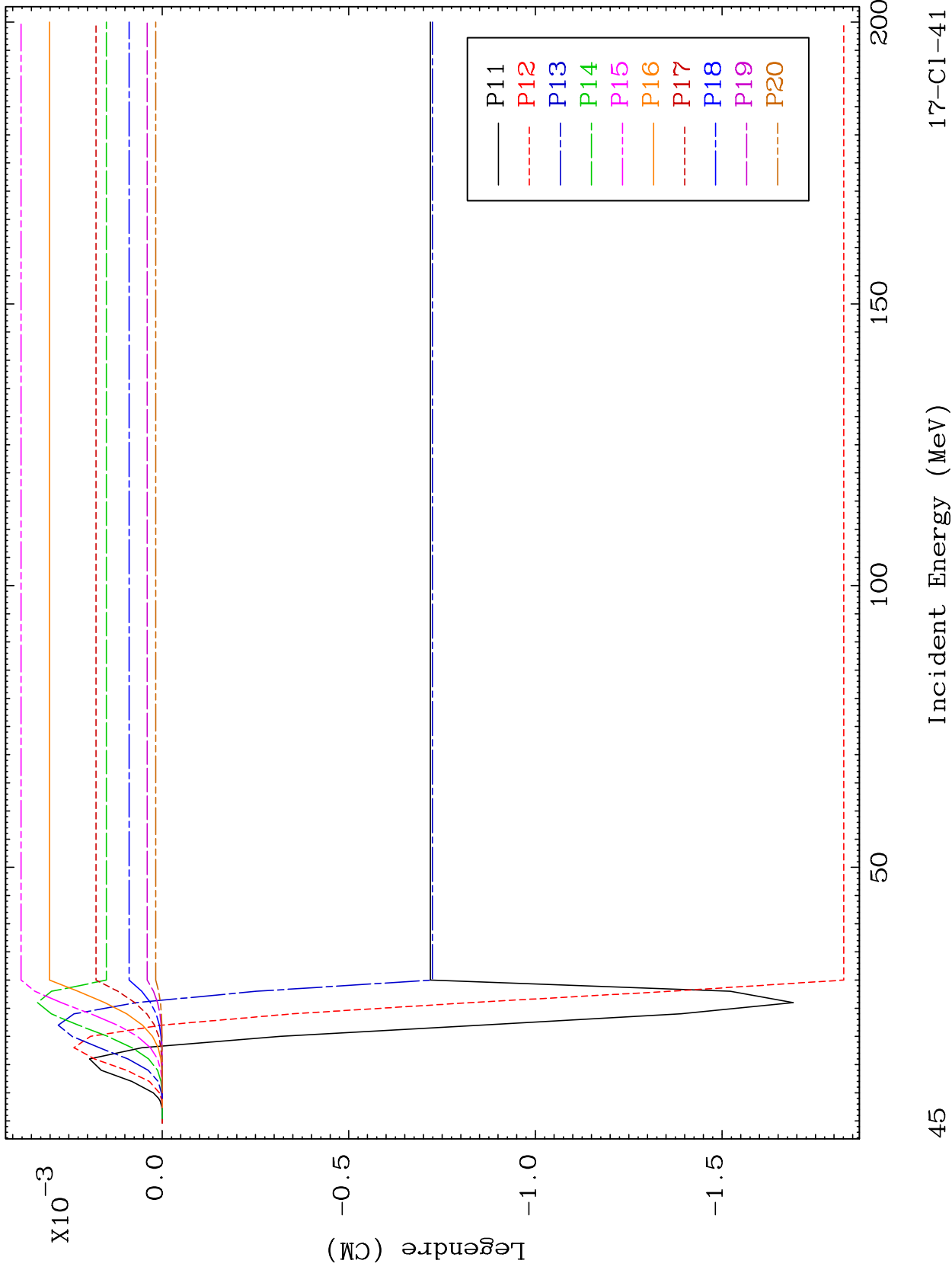
17-Cl-41

MAT 1743

MT= 59 (n,n') Level

17-Cl-41

Legendre Coefficients



45

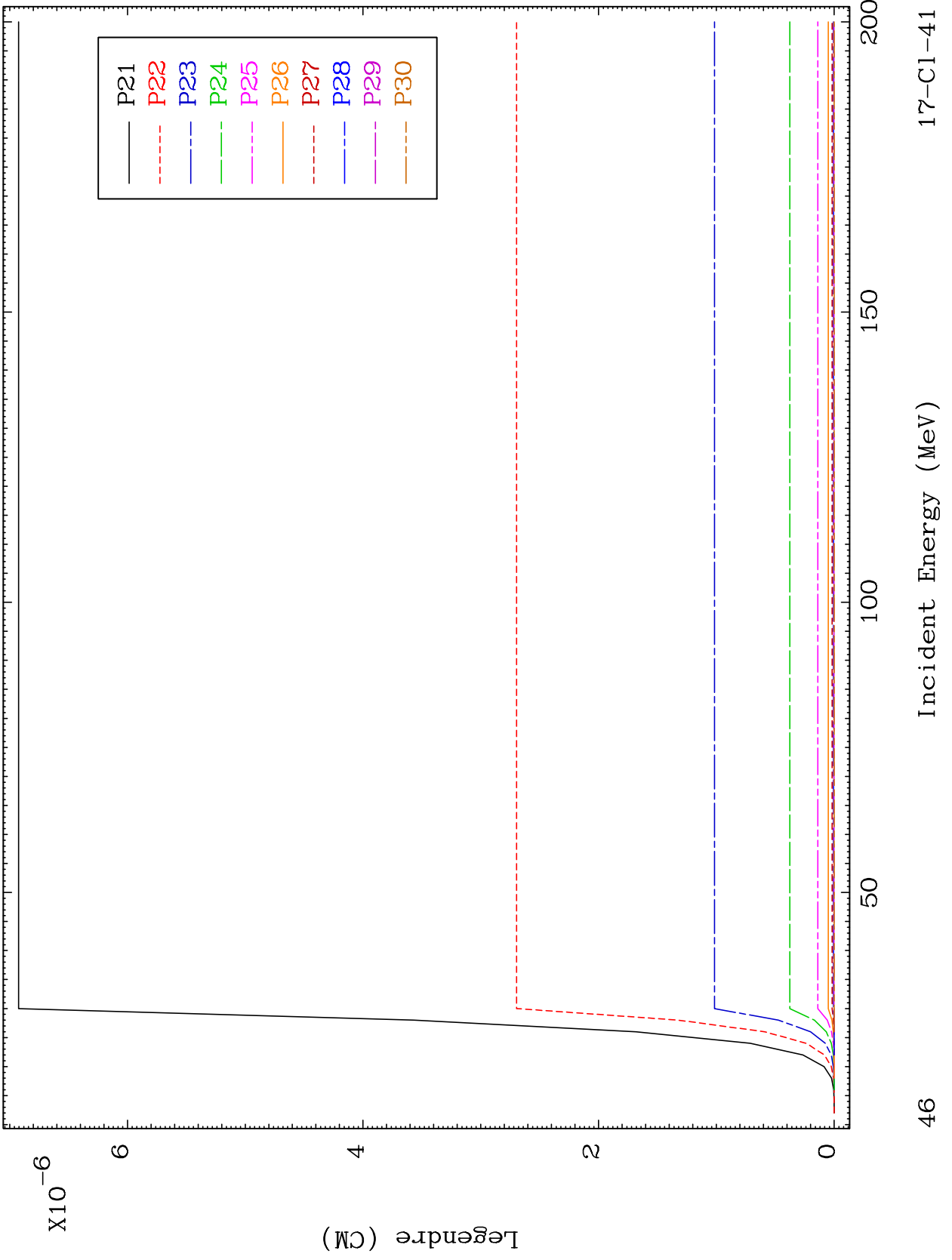
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

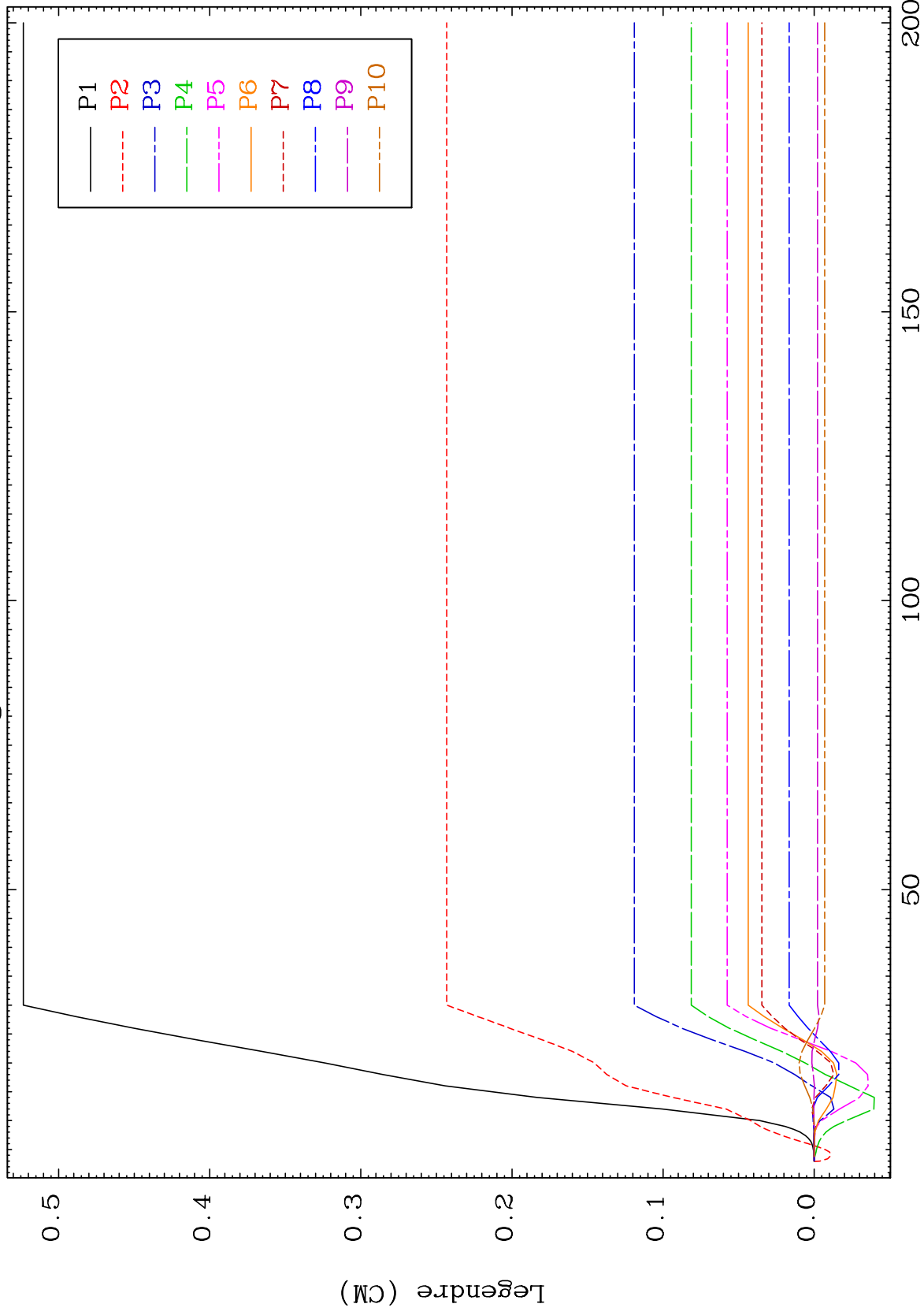
17-Cl-41



MAT 1743

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

17-Cl-41



47

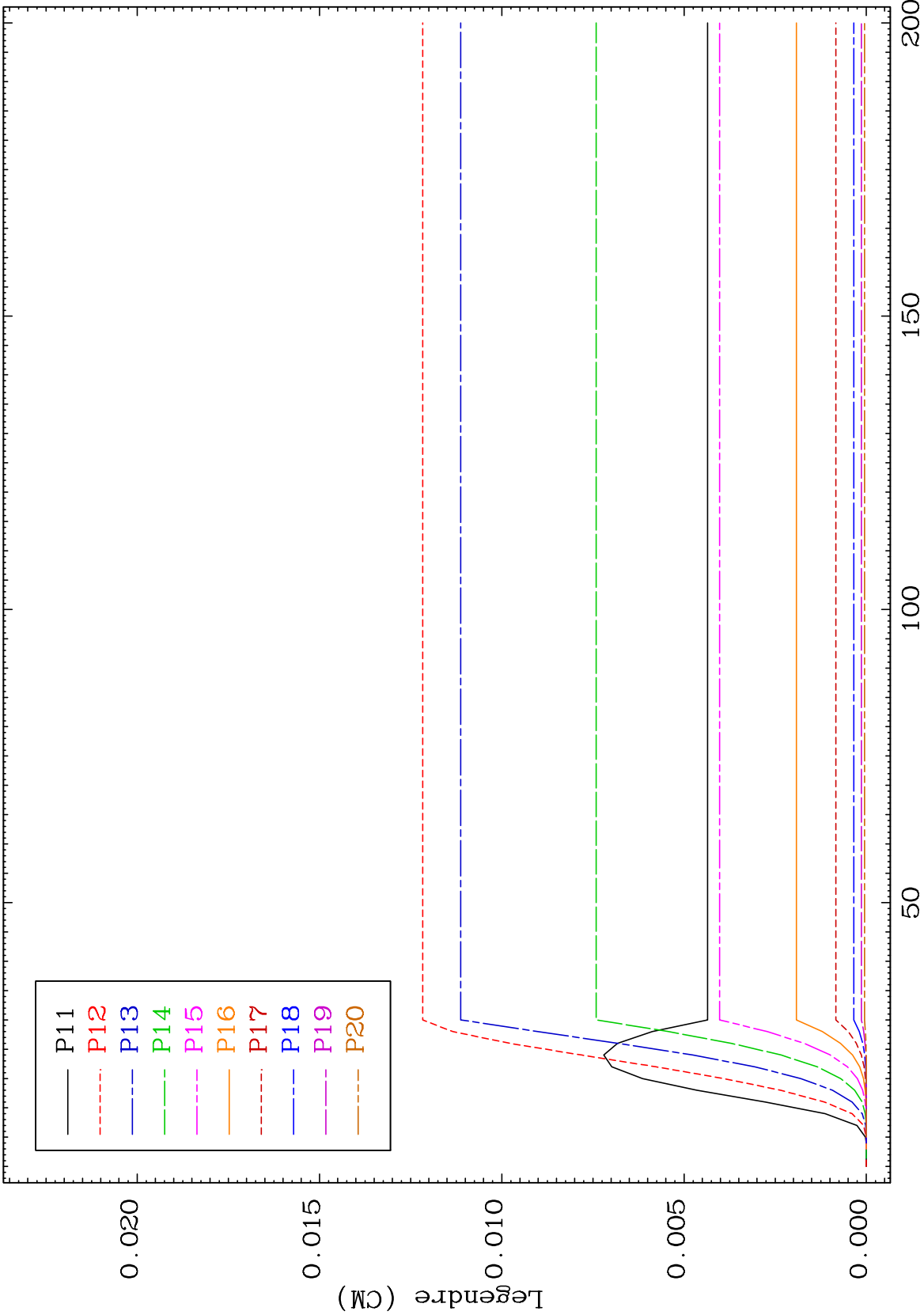
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



48

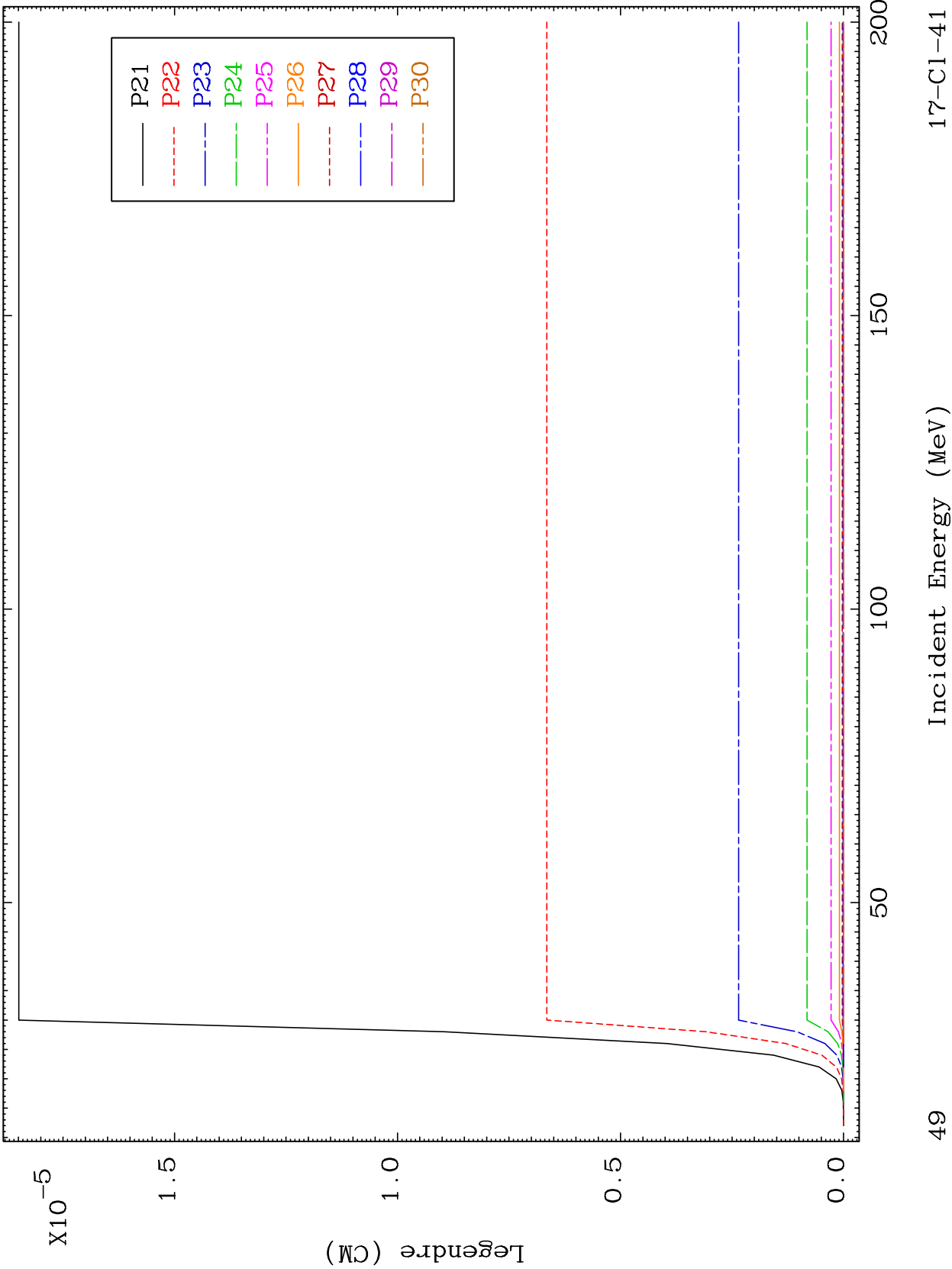
Incident Energy (MeV)

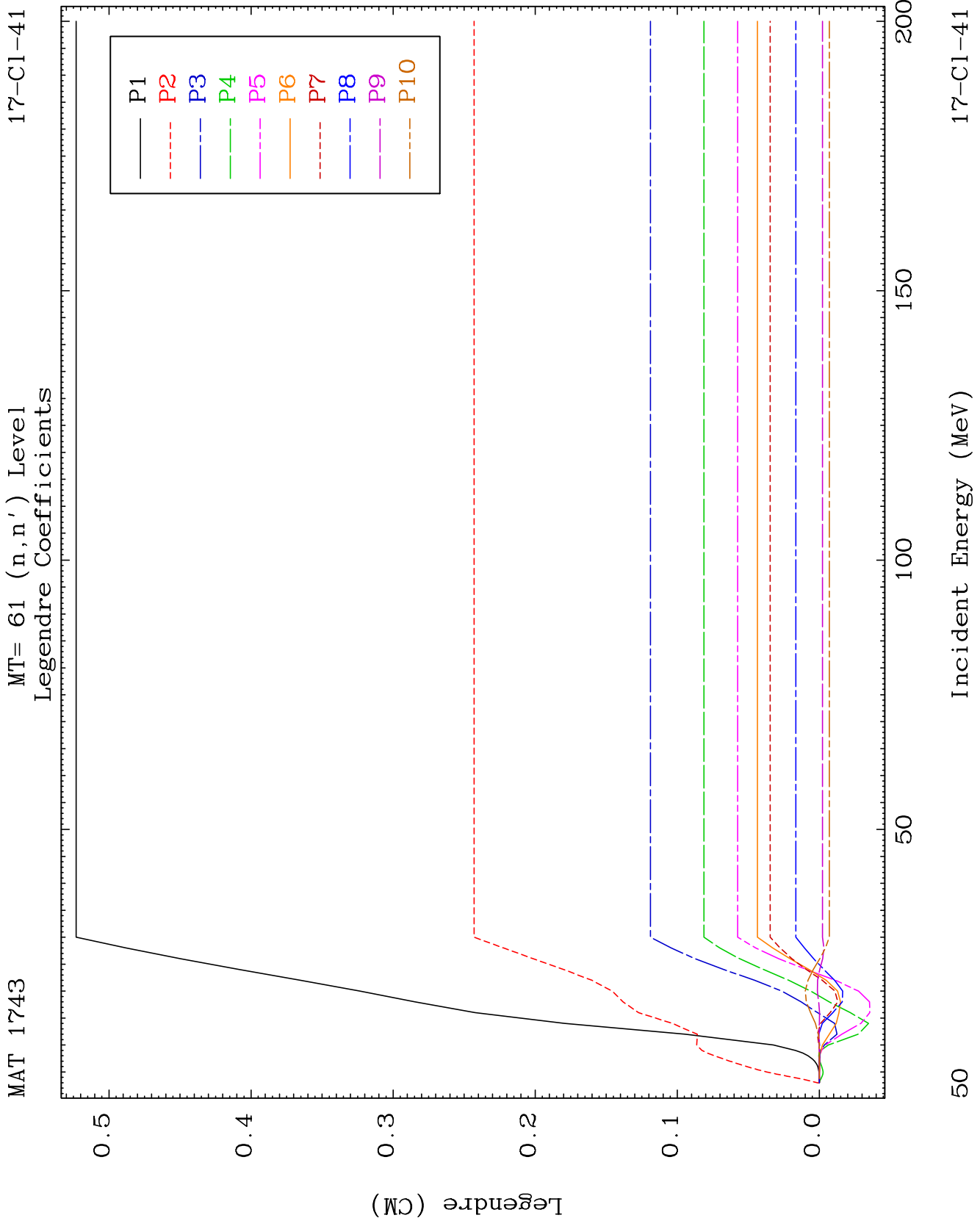
17-Cl-41

MAT 1743

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

17-Cl-41

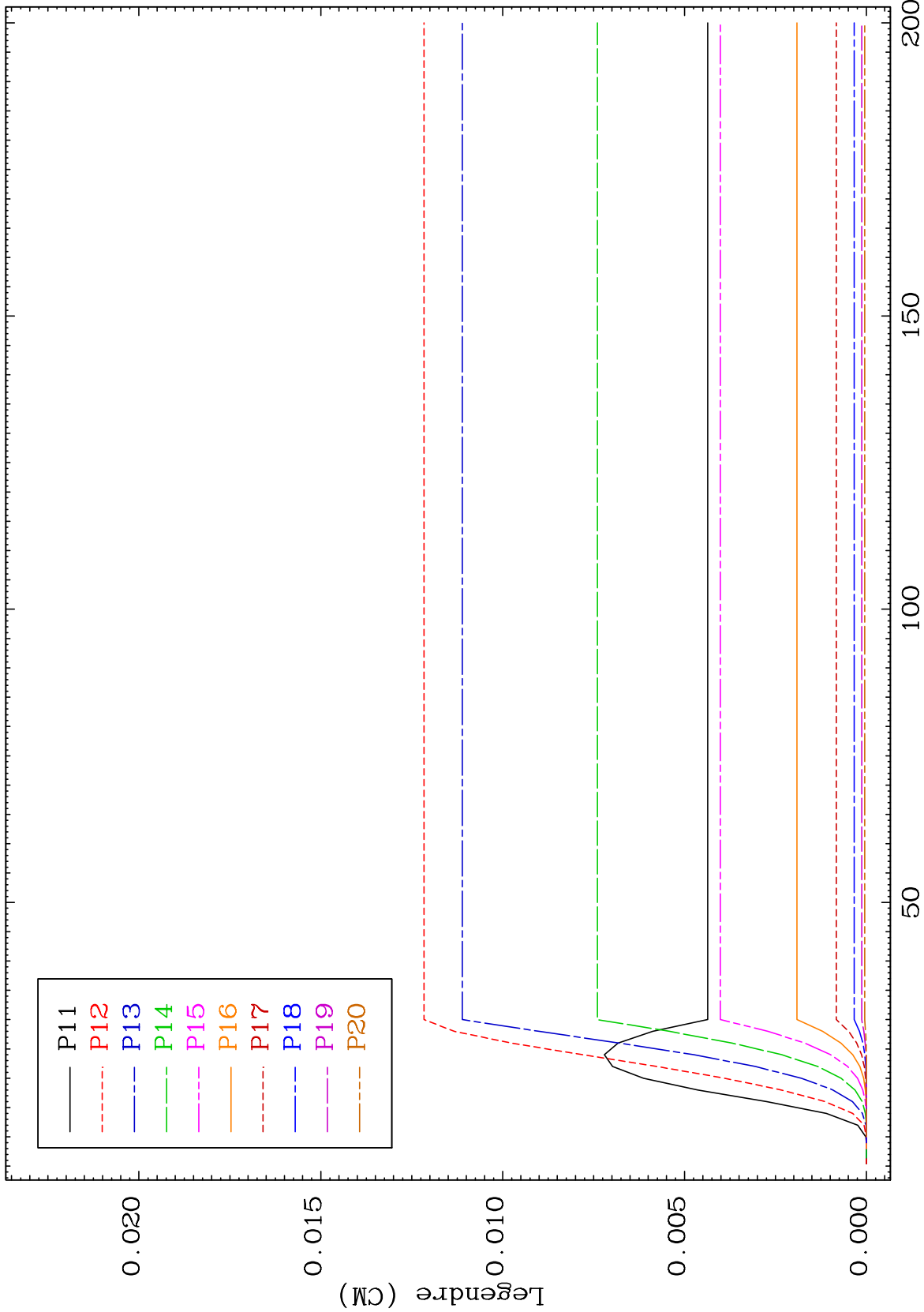




MAT 1743

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

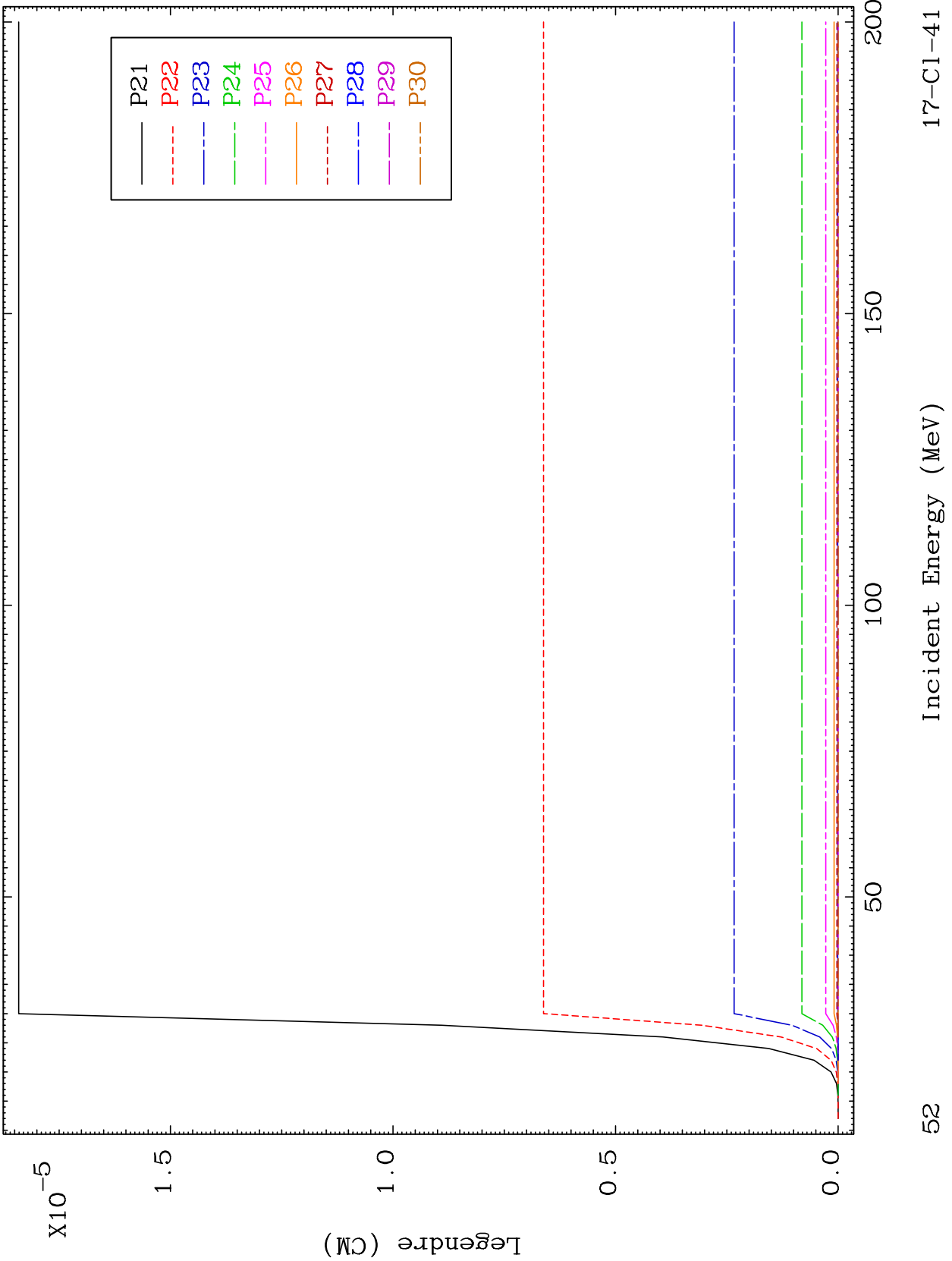
17-Cl-41



MAT 1743

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

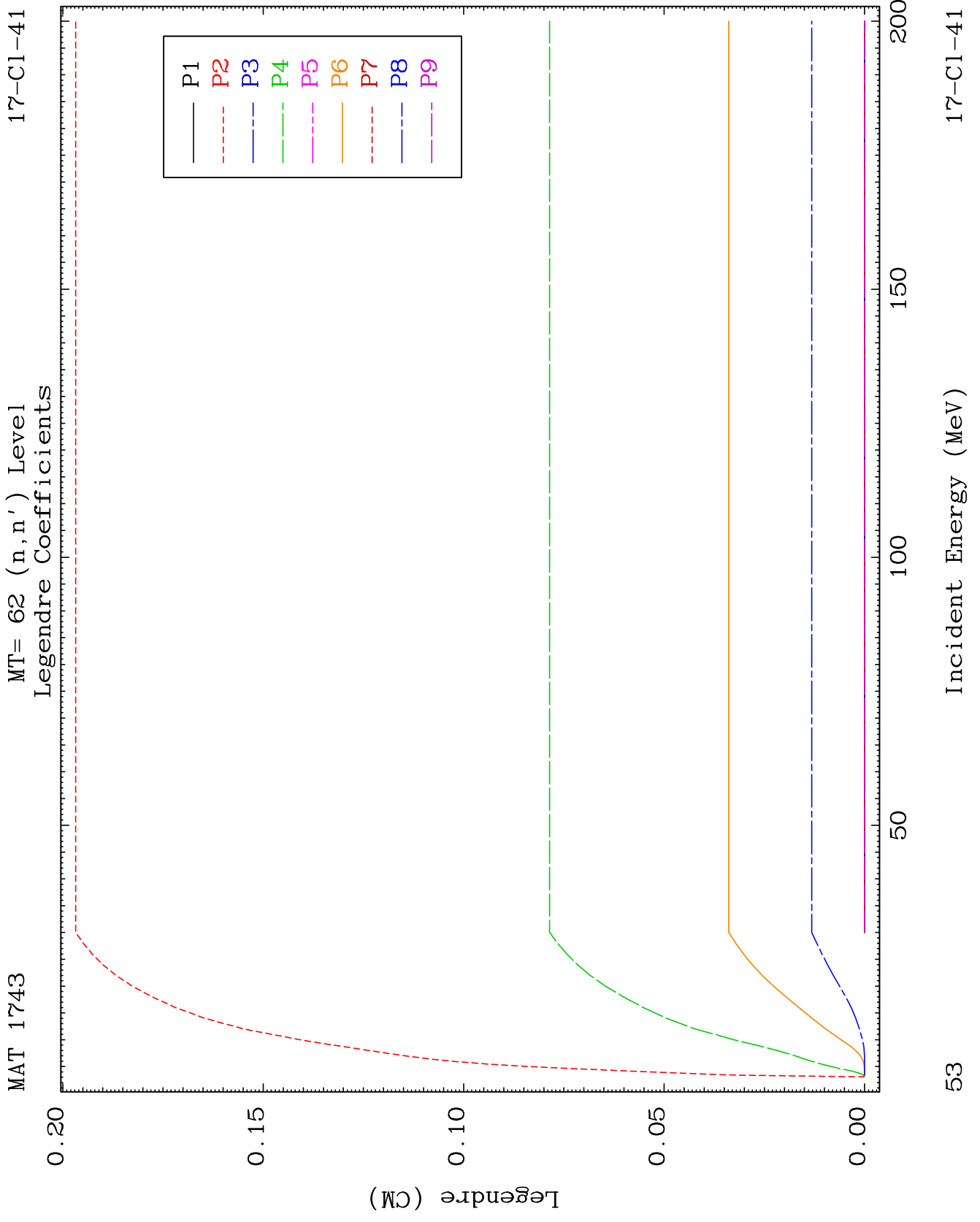
17-Cl-41



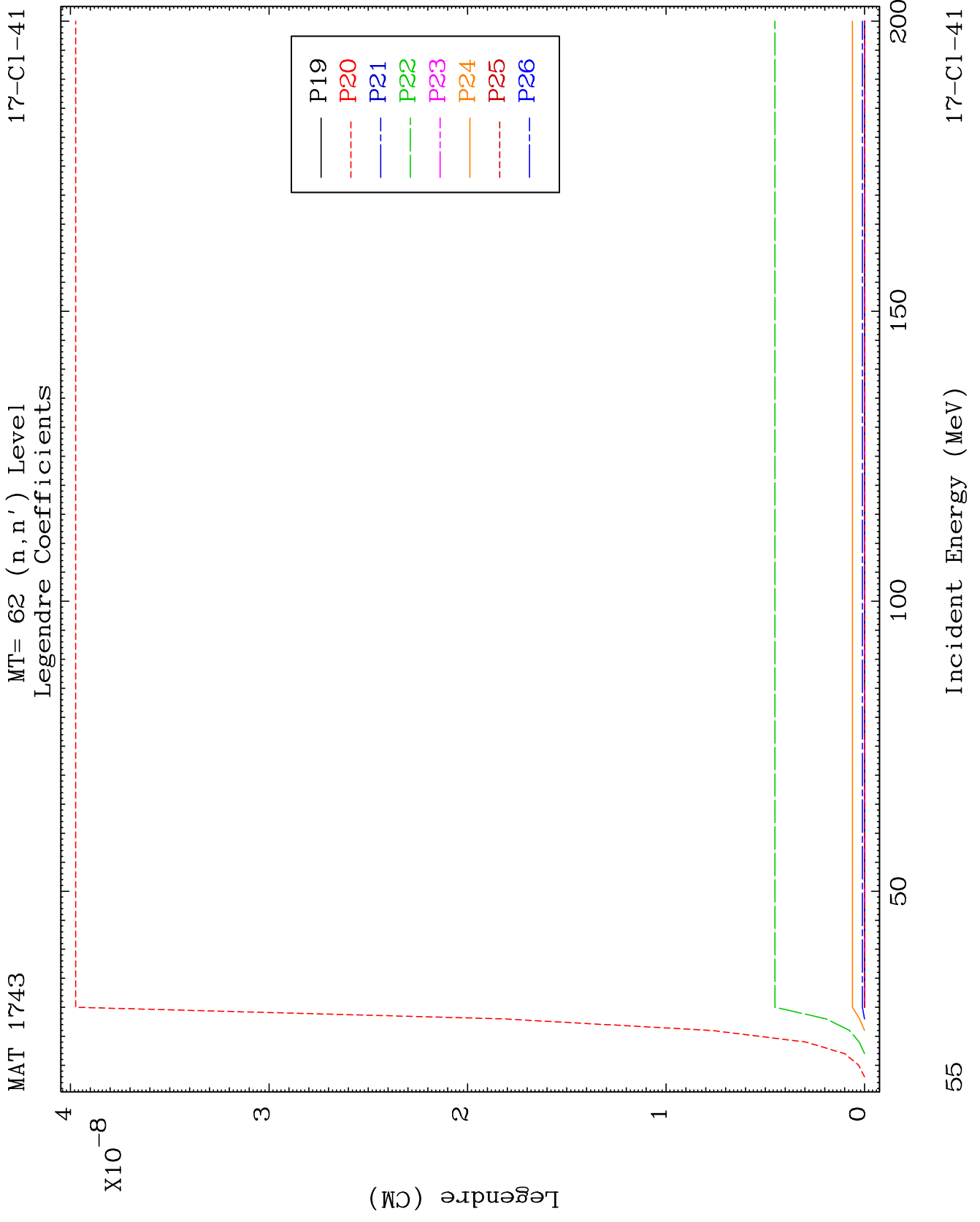
52

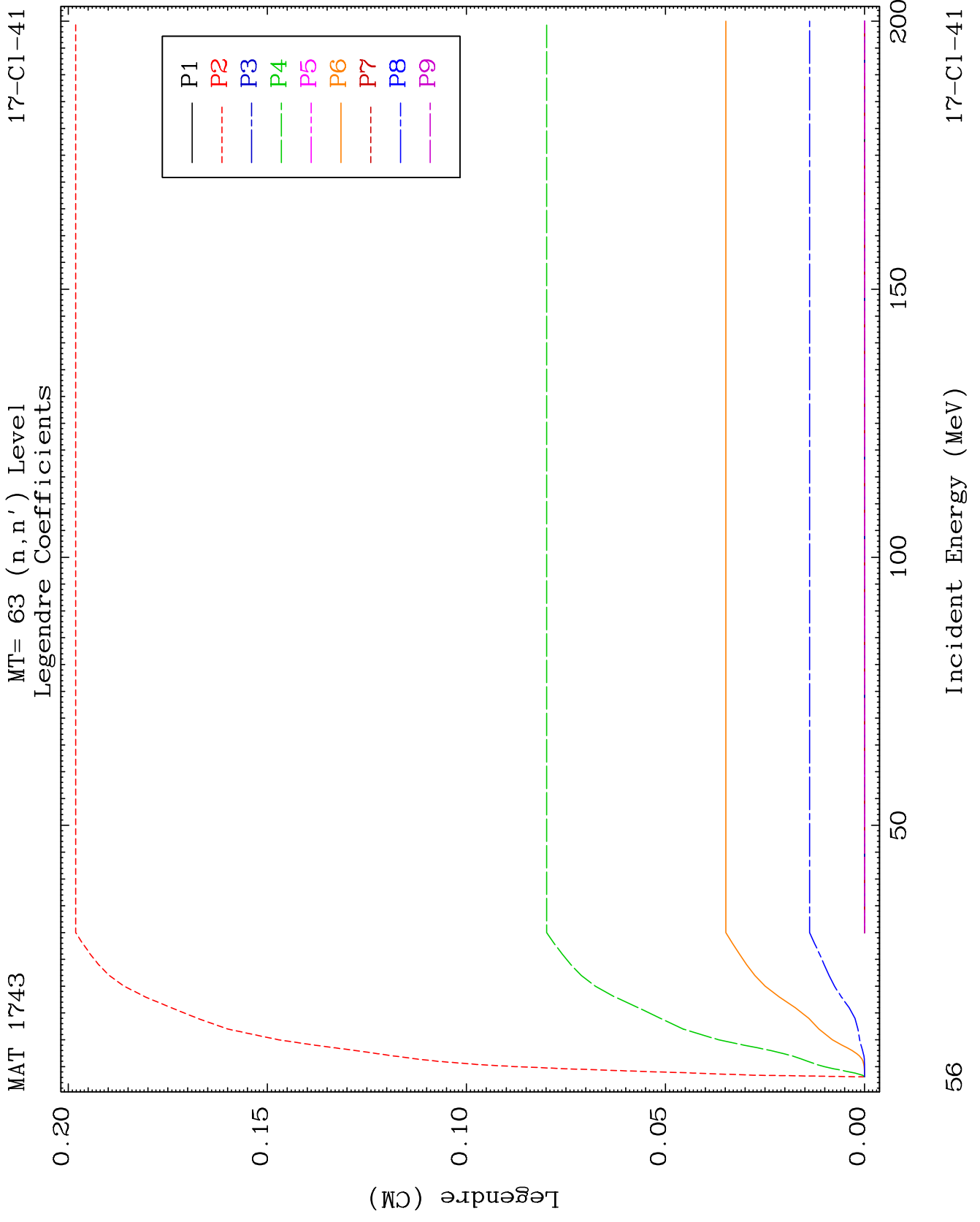
Incident Energy (MeV)

17-Cl-41





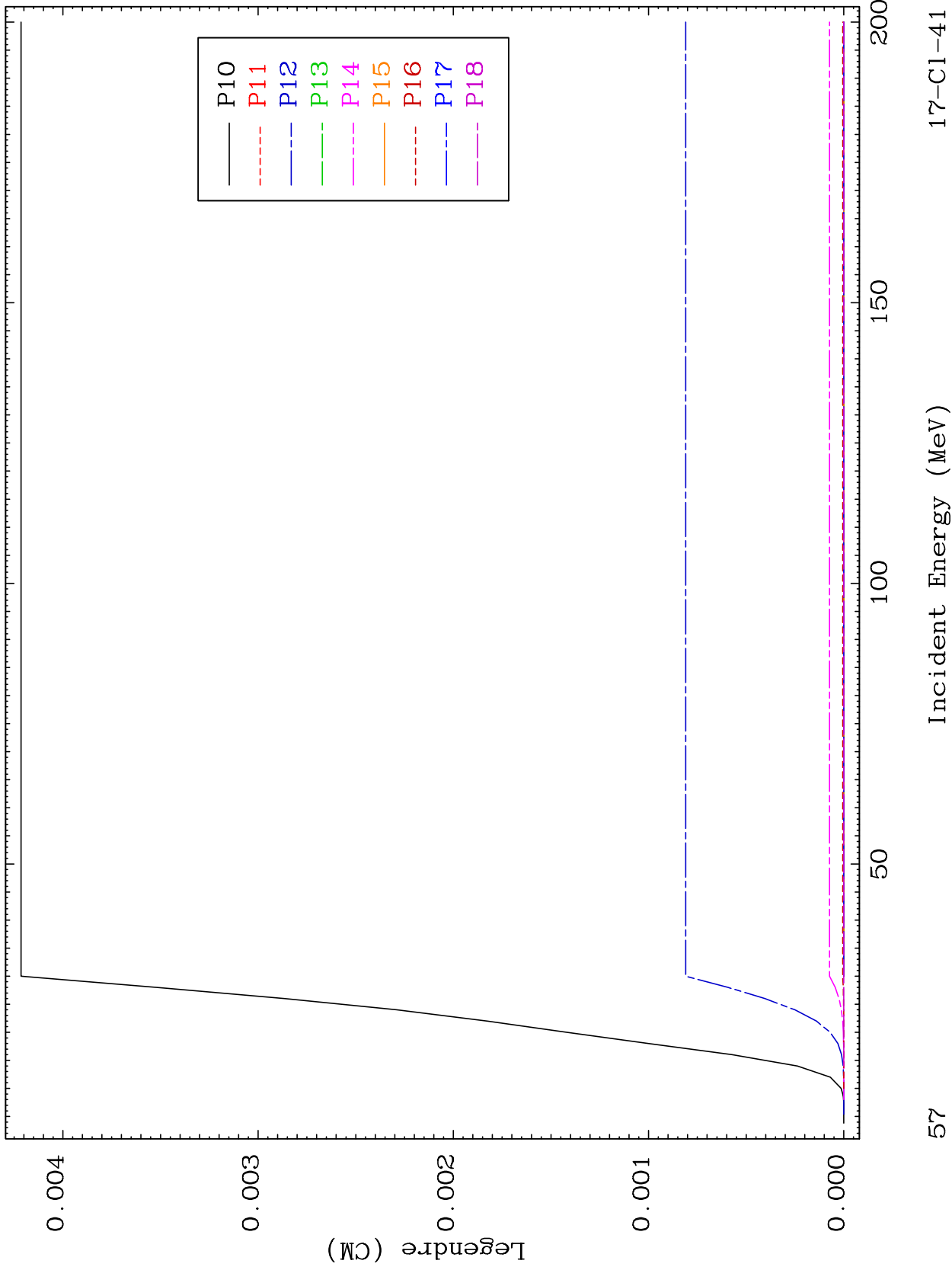


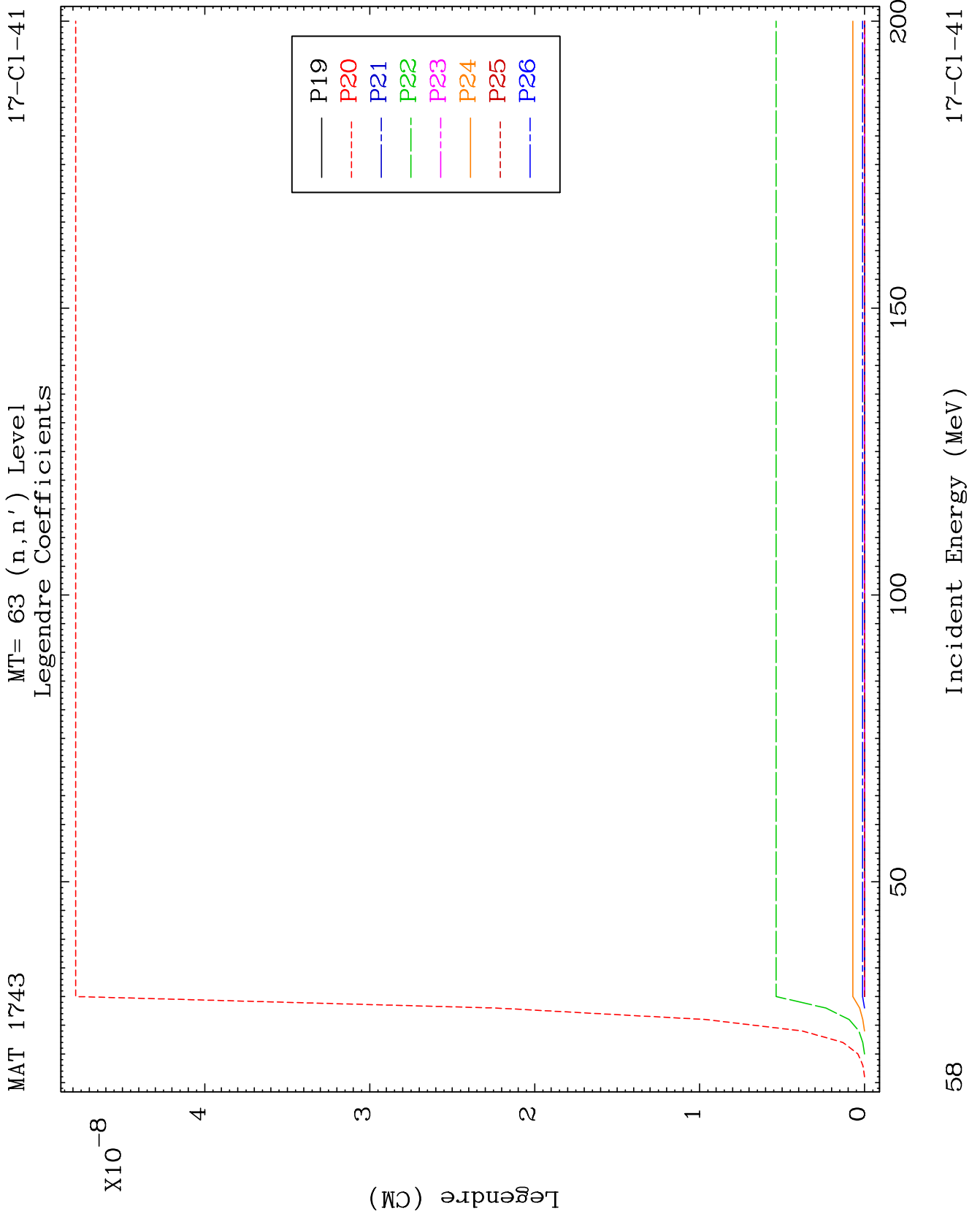


MAT 1743

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

17-Cl-41

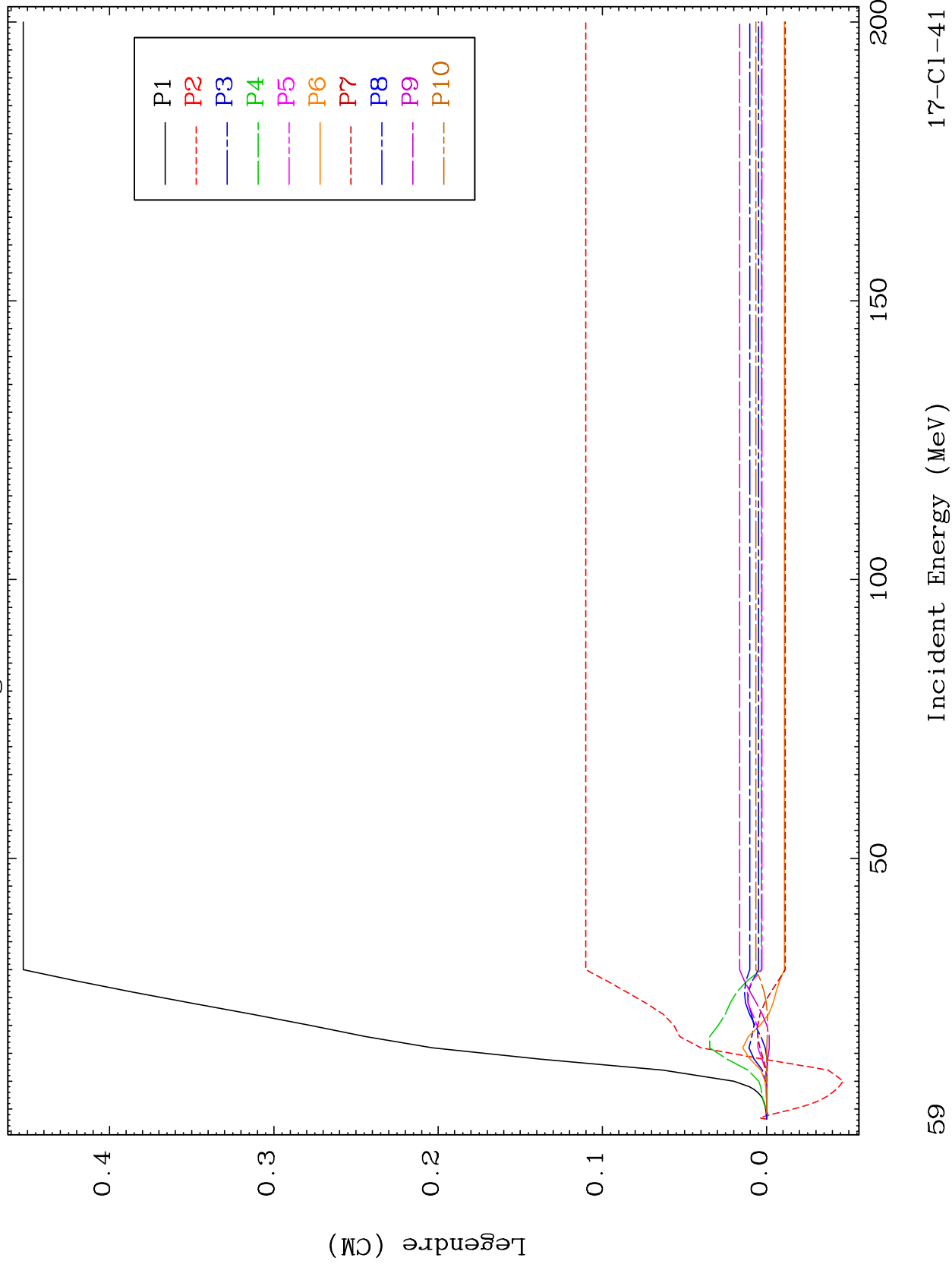




MAT 1743

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

17-Cl-41



59

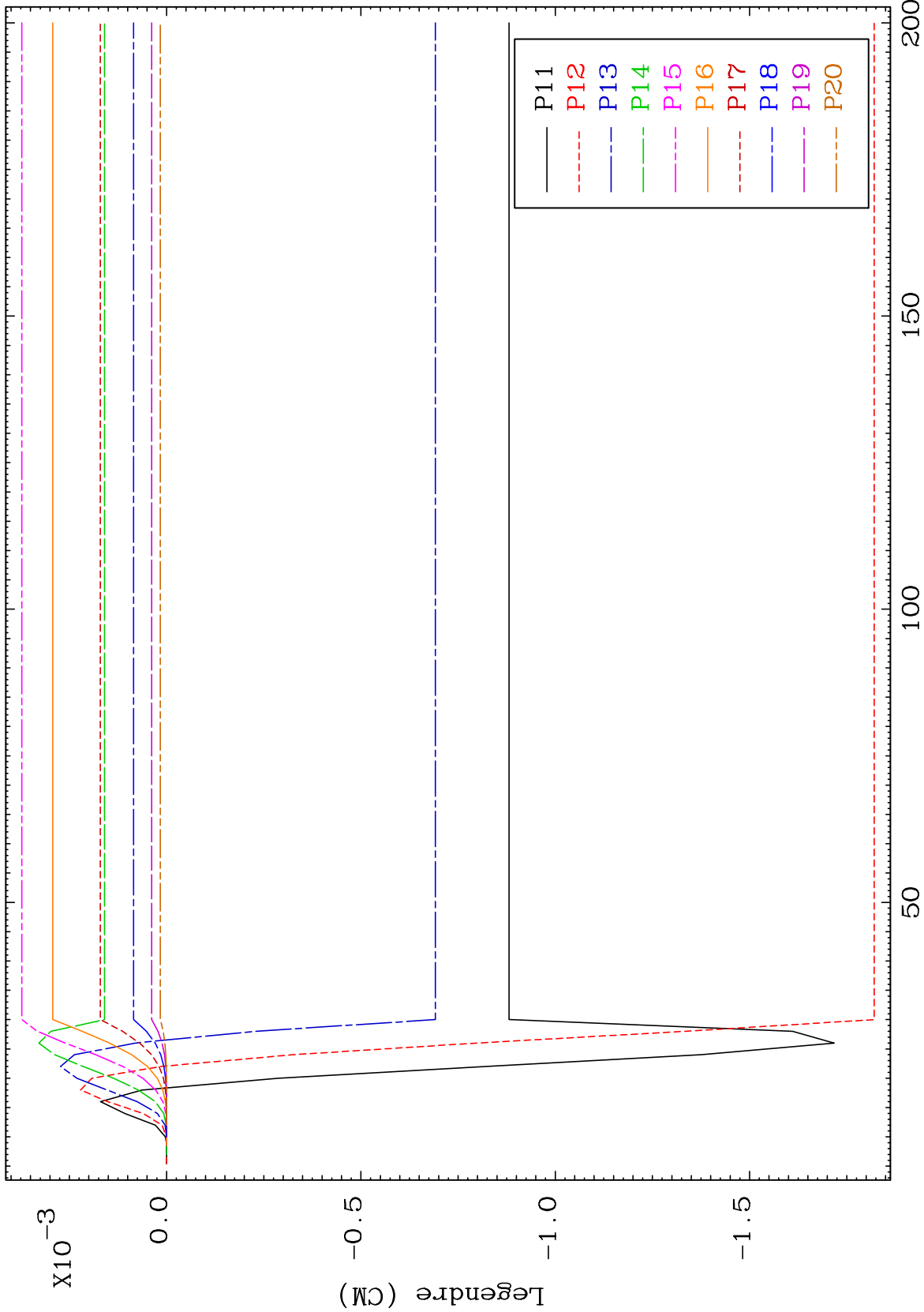
17-Cl-41

MAT 1743

MT= 64 (n,n') Level

17-Cl-41

Legendre Coefficients



60

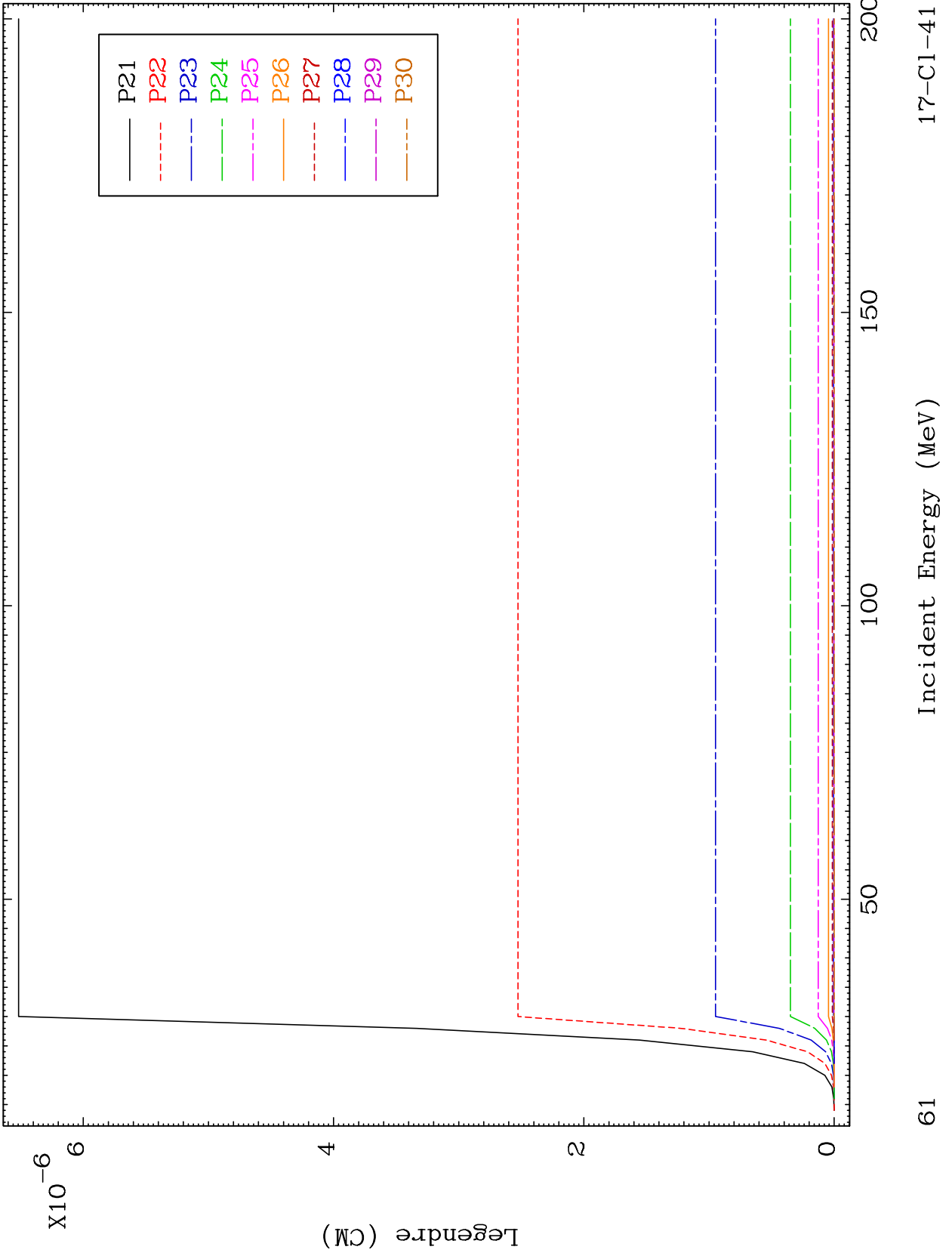
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



61

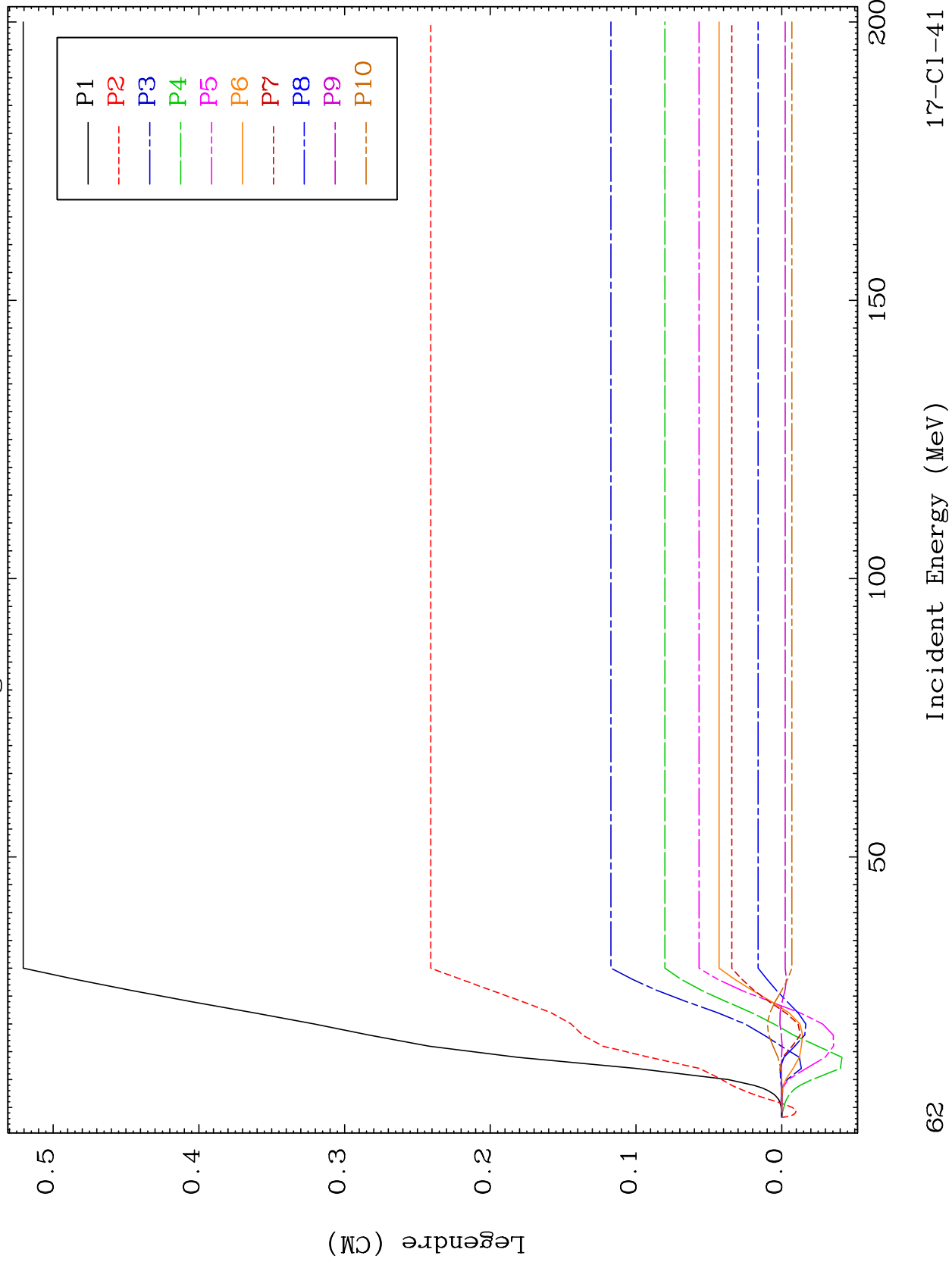
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



62

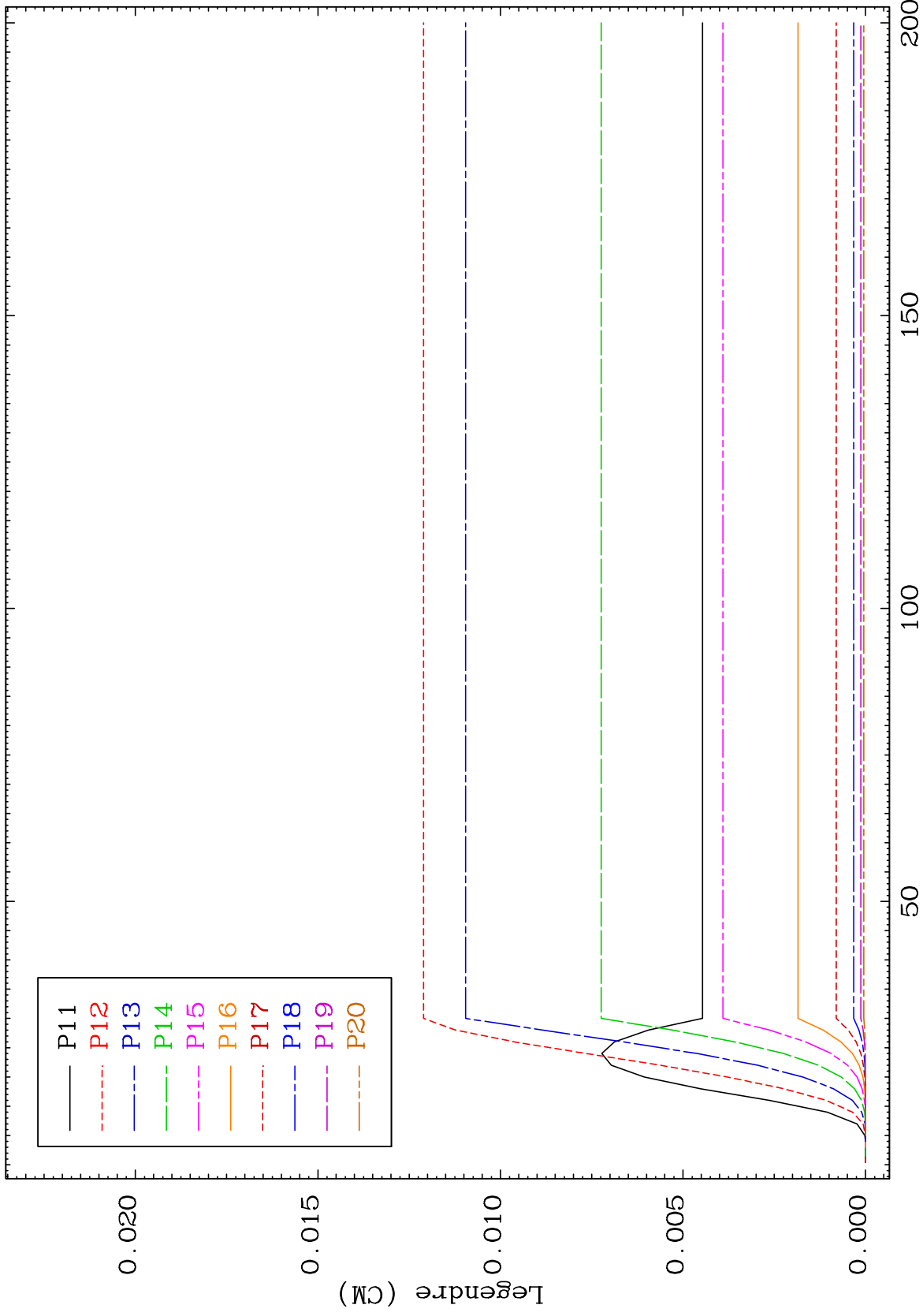
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



63

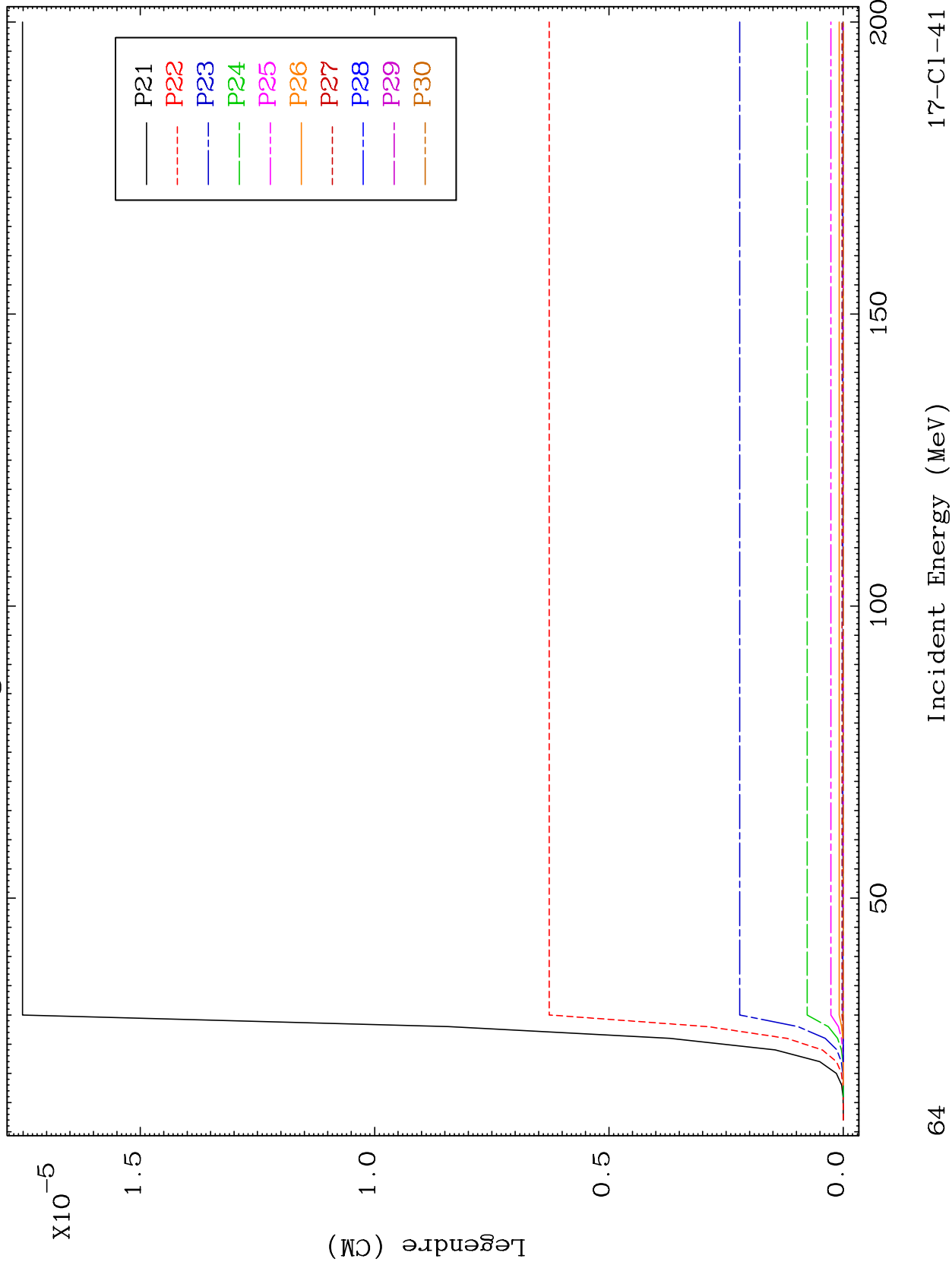
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

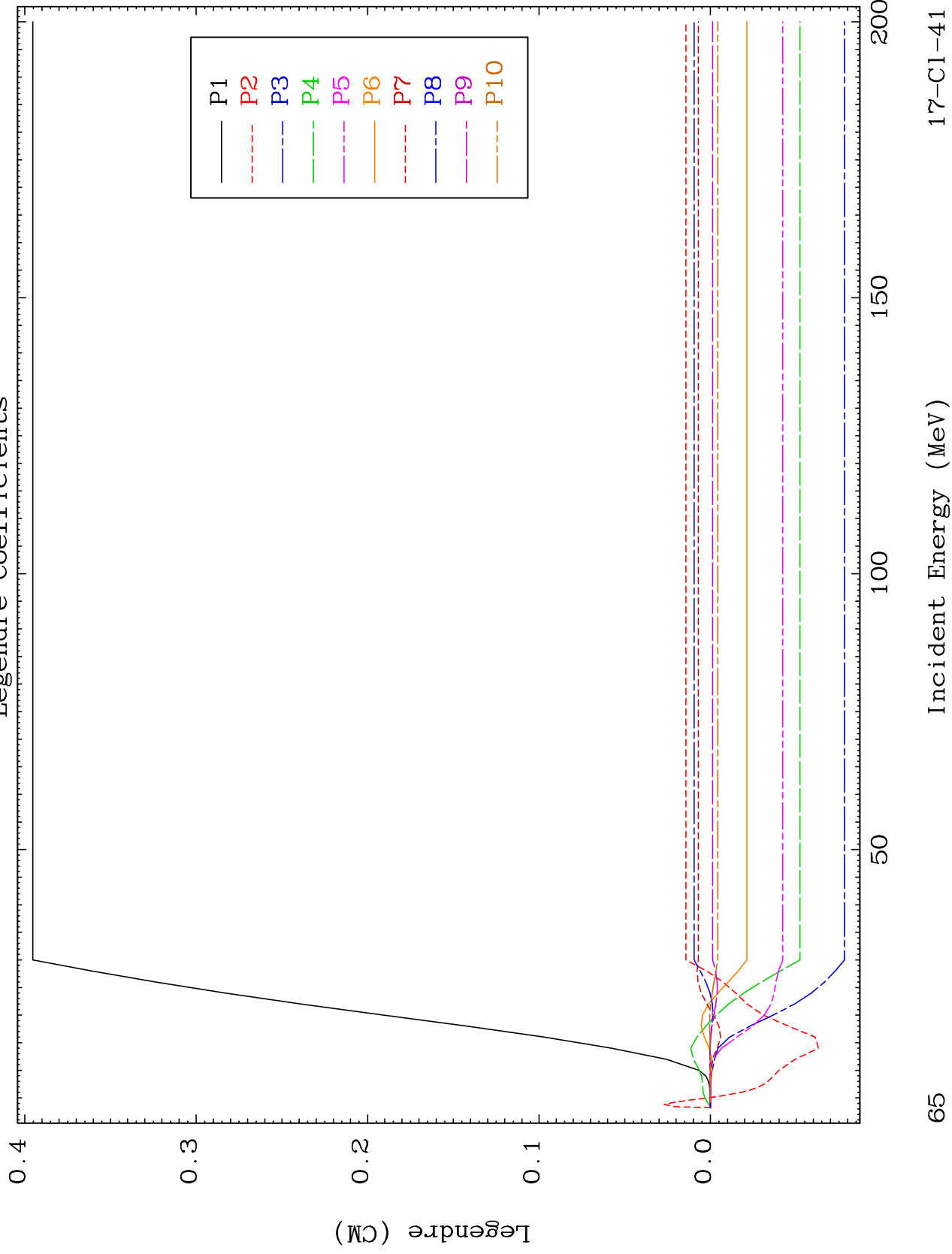


64

MAT 1743

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

17-Cl-41



17-Cl-41

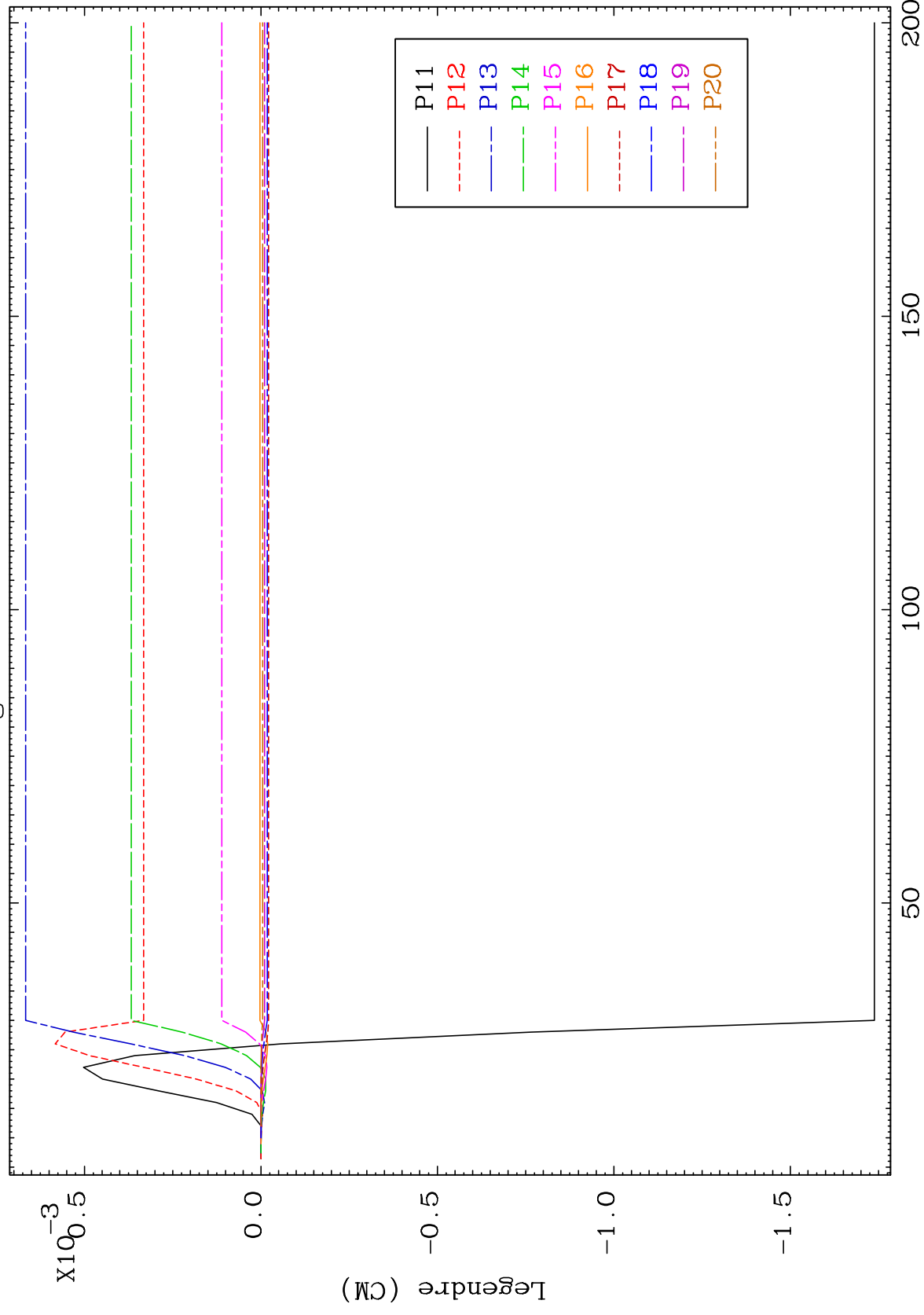
Incident Energy (MeV)

65

MAT 1743

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

17-Cl-41



66

Incident Energy (MeV)

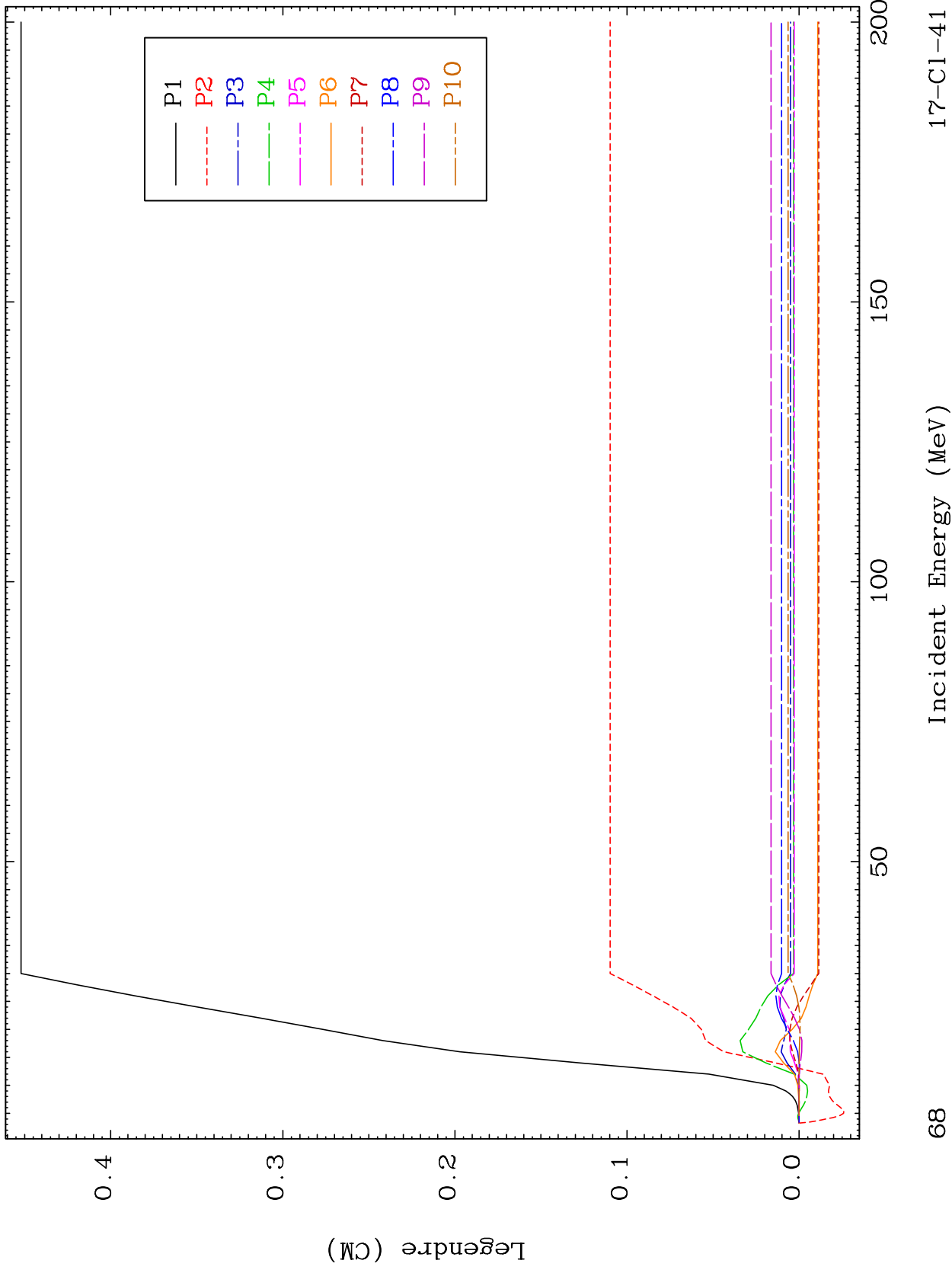
17-Cl-41



MAT 1743

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

17-Cl-41



68

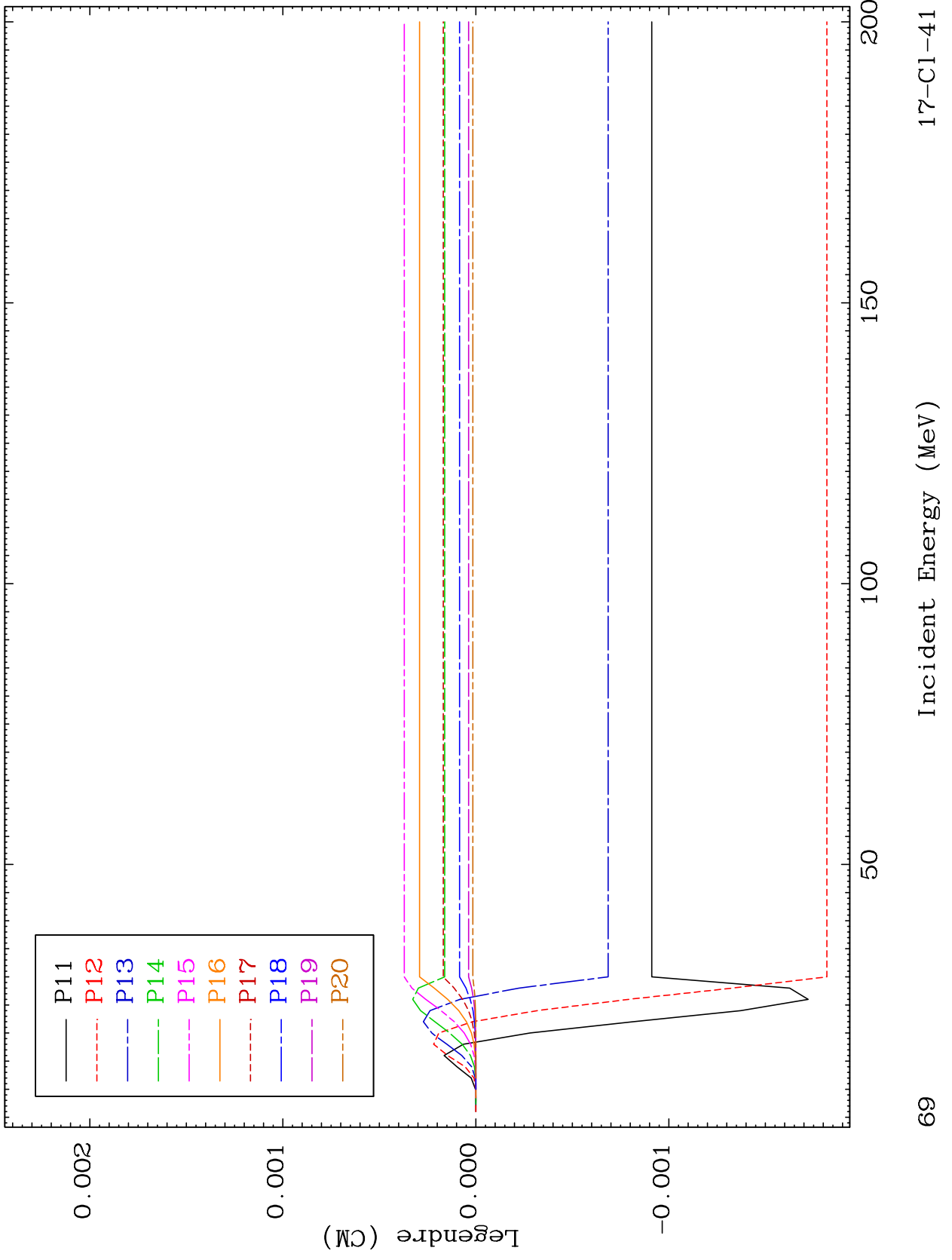
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

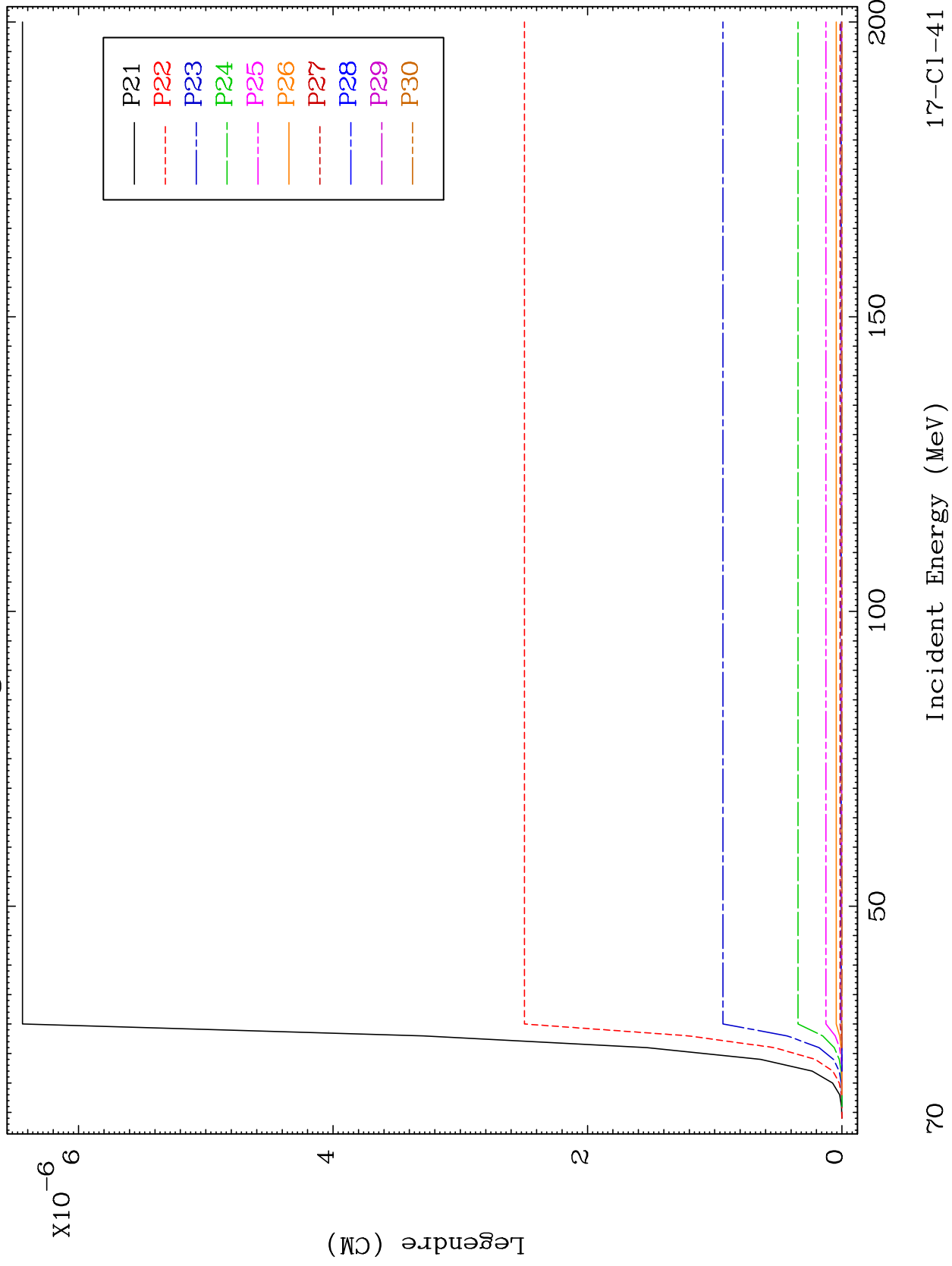
17-Cl-41



MAT 1743

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

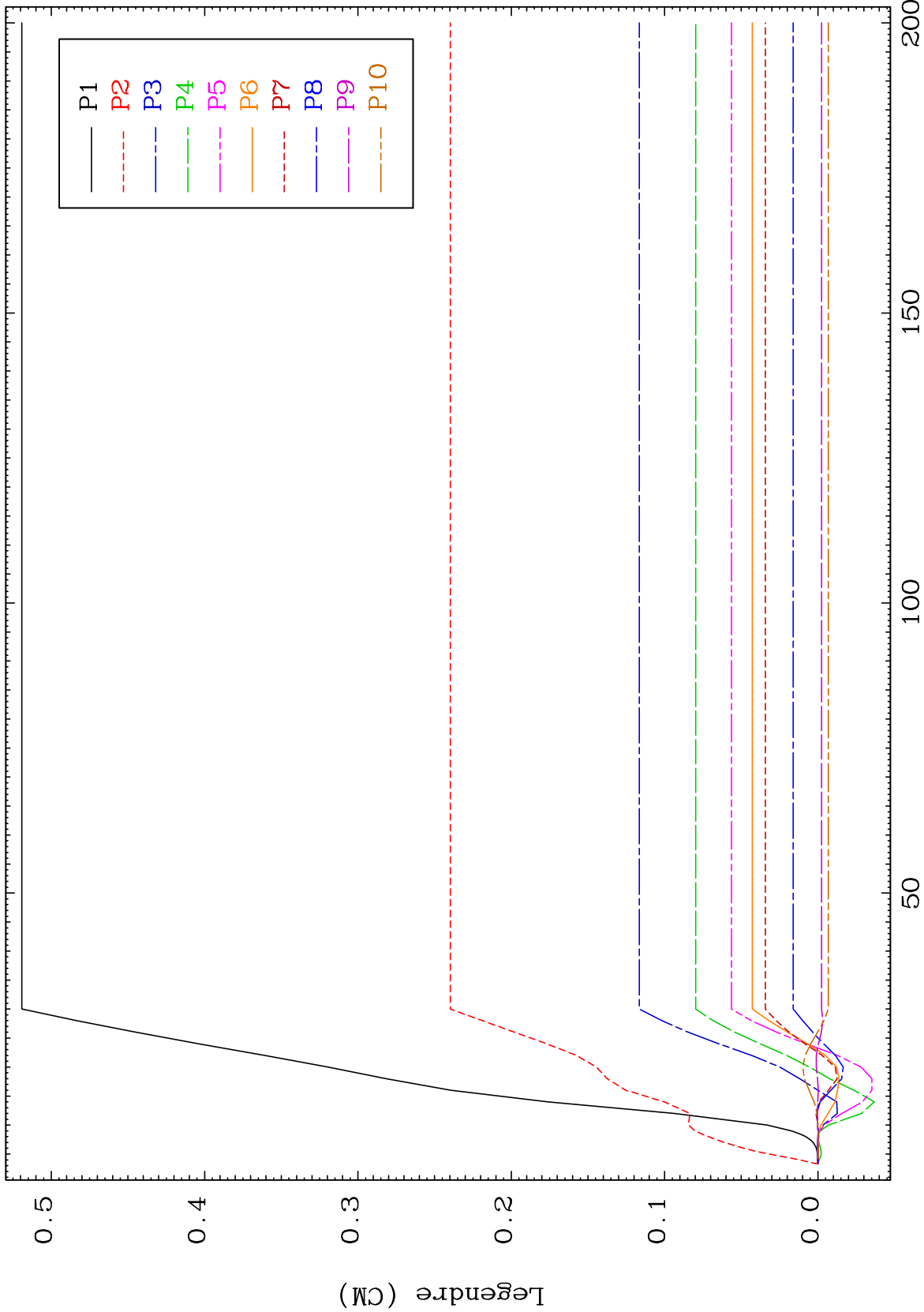
17-Cl-41



MAT 1743

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

17-Cl-41



71

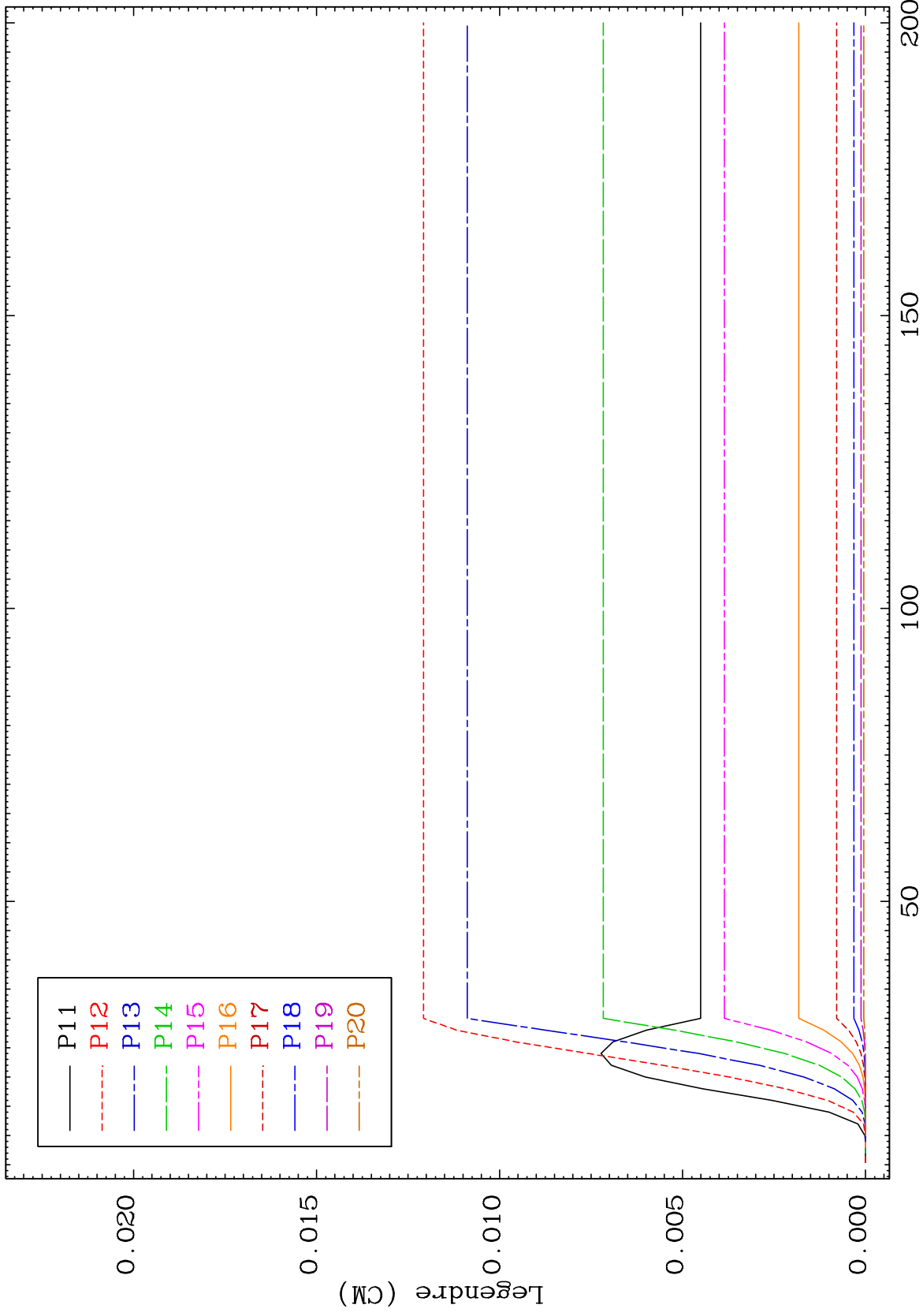
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



72

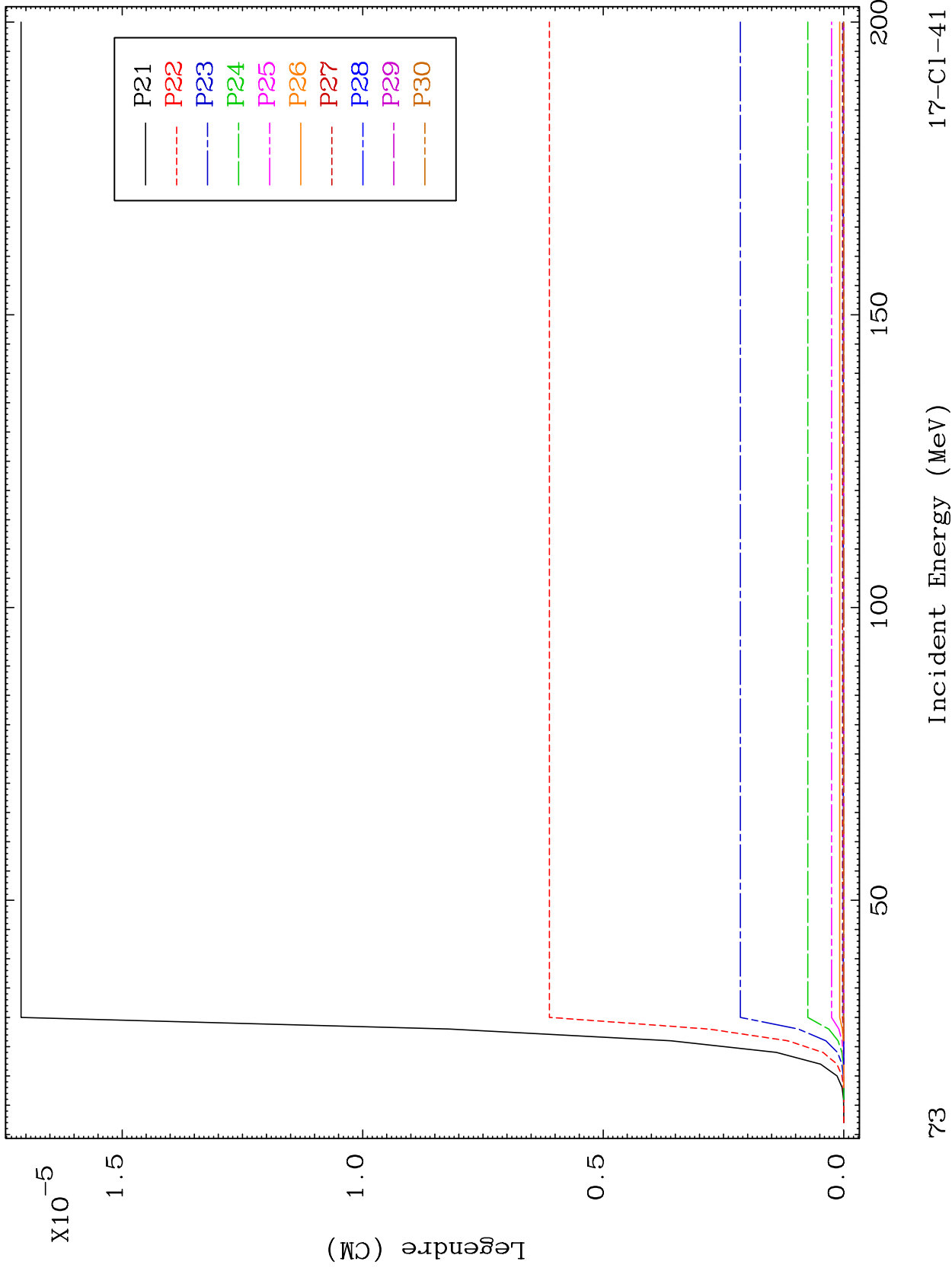
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



73

Incident Energy (MeV)

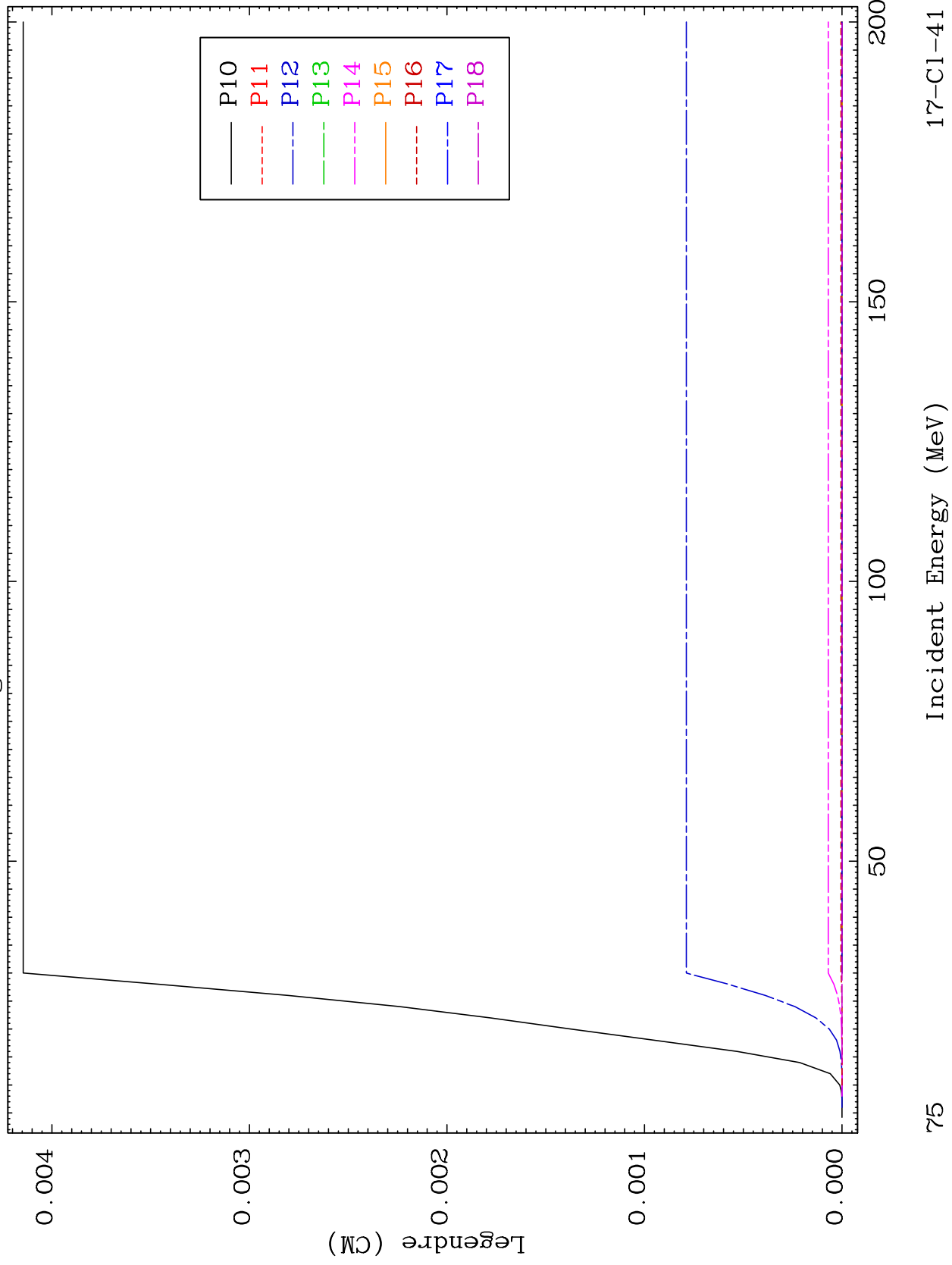
17-Cl-41



MAT 1743

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

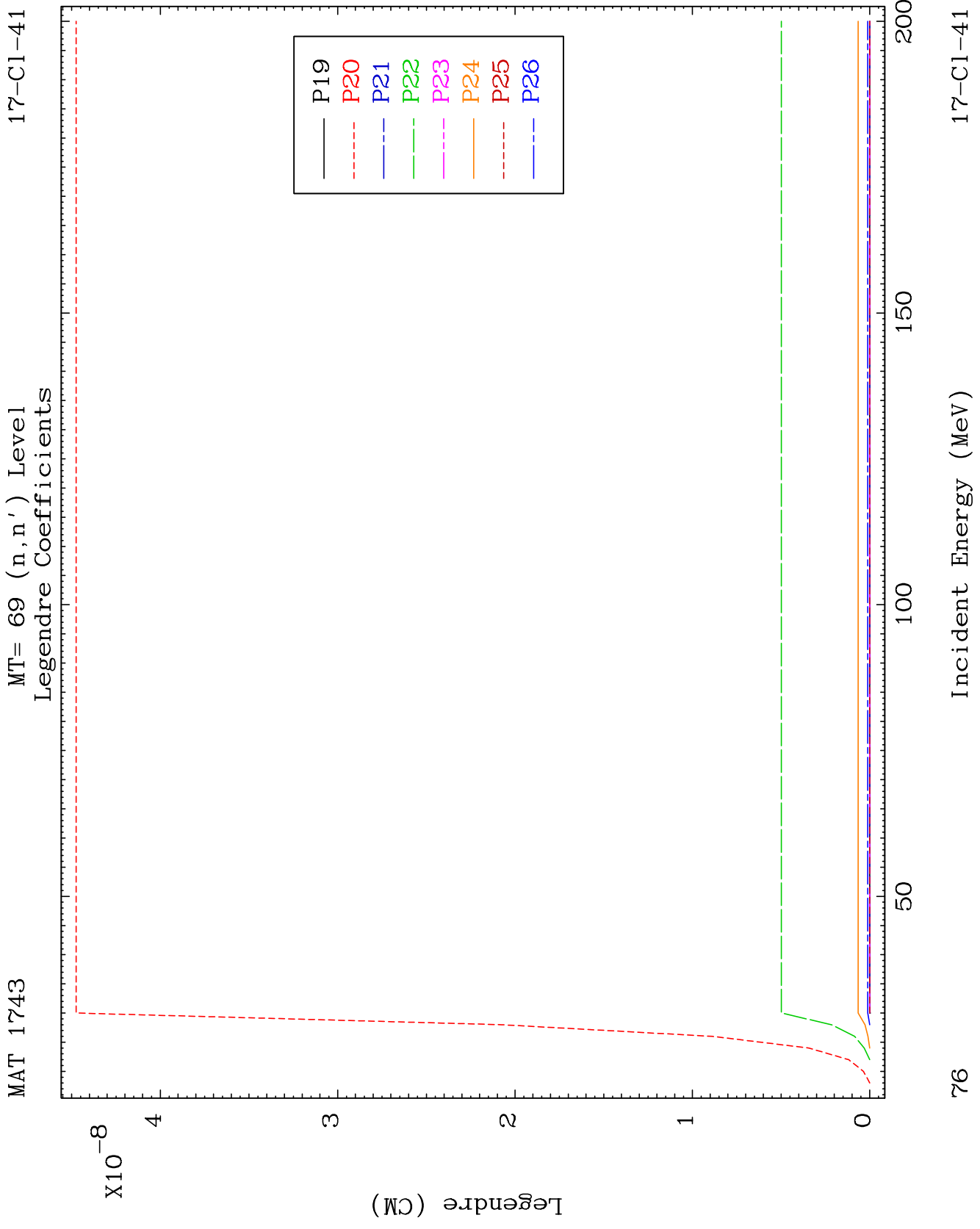
17-Cl-41



75

Incident Energy (MeV)

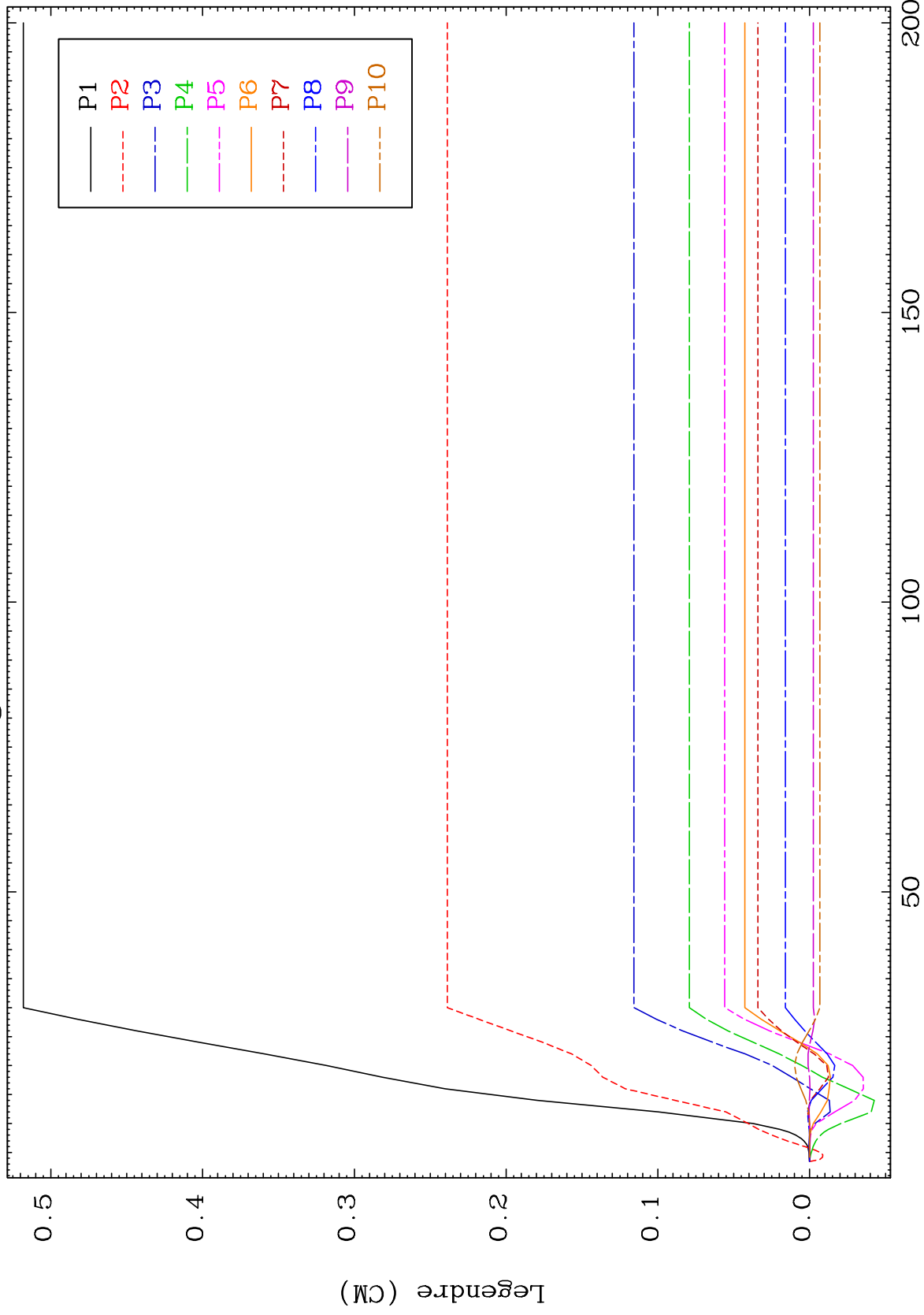
17-Cl-41



MAT 1743

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

17-Cl-41



77

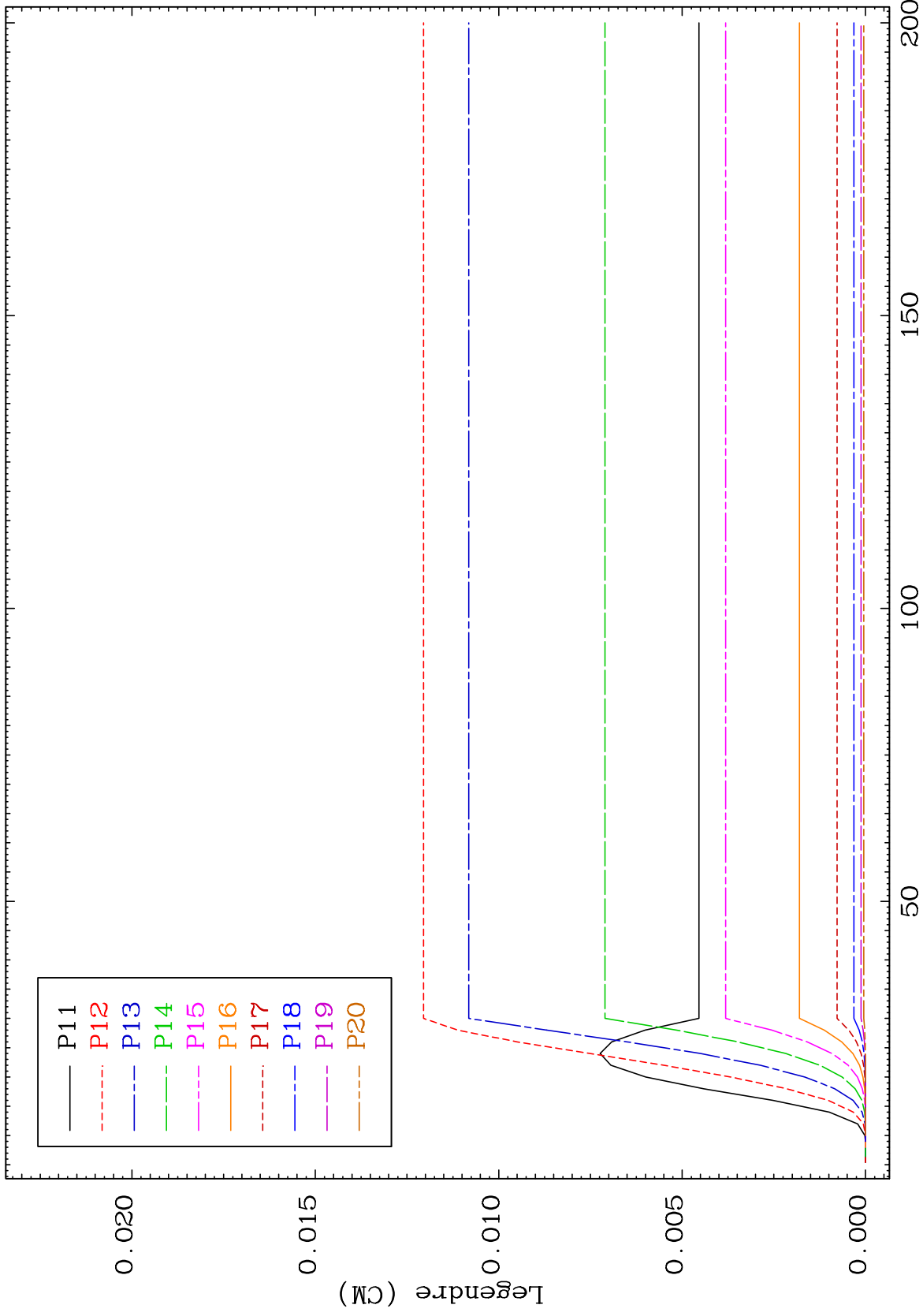
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



78

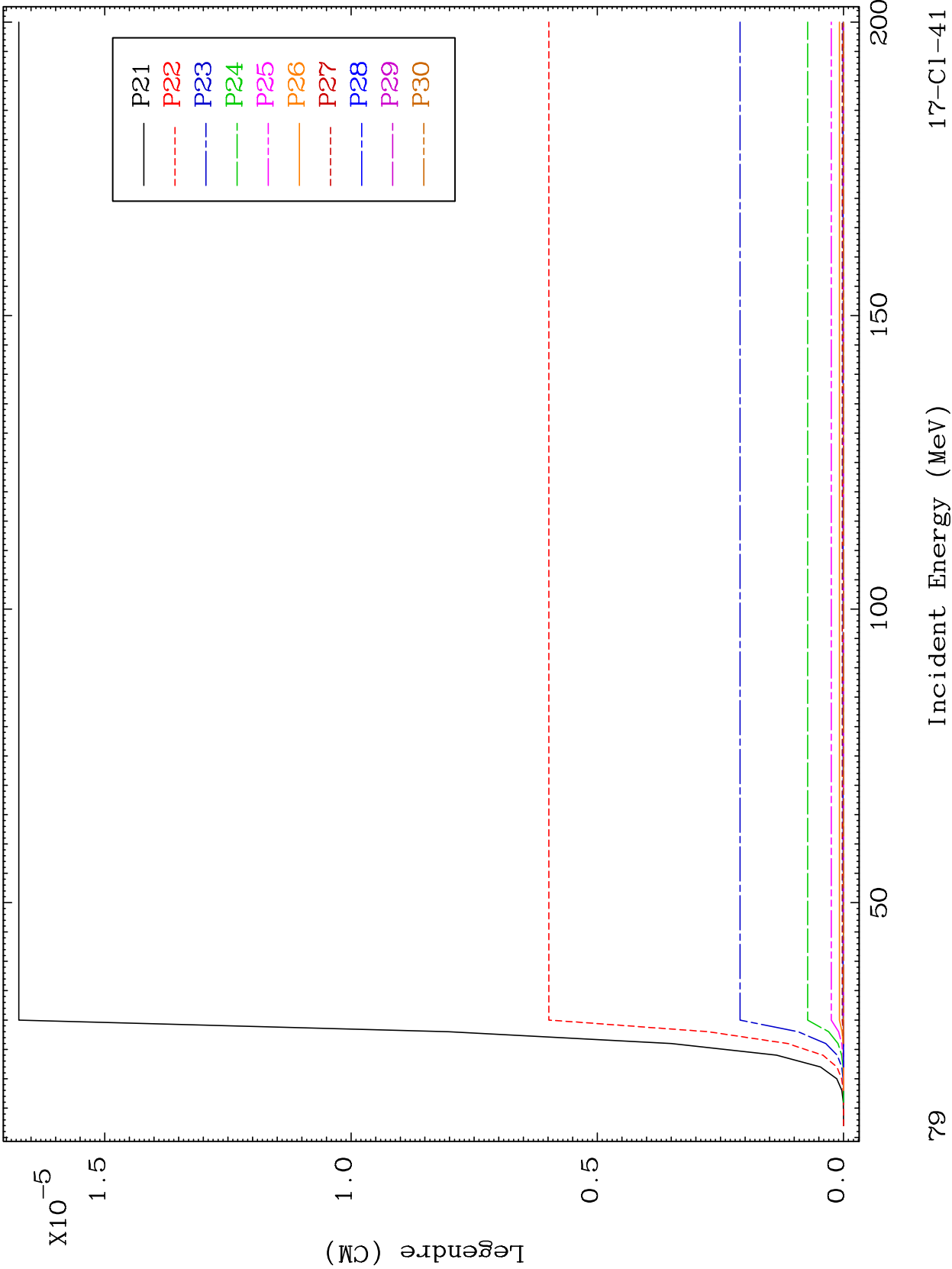
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



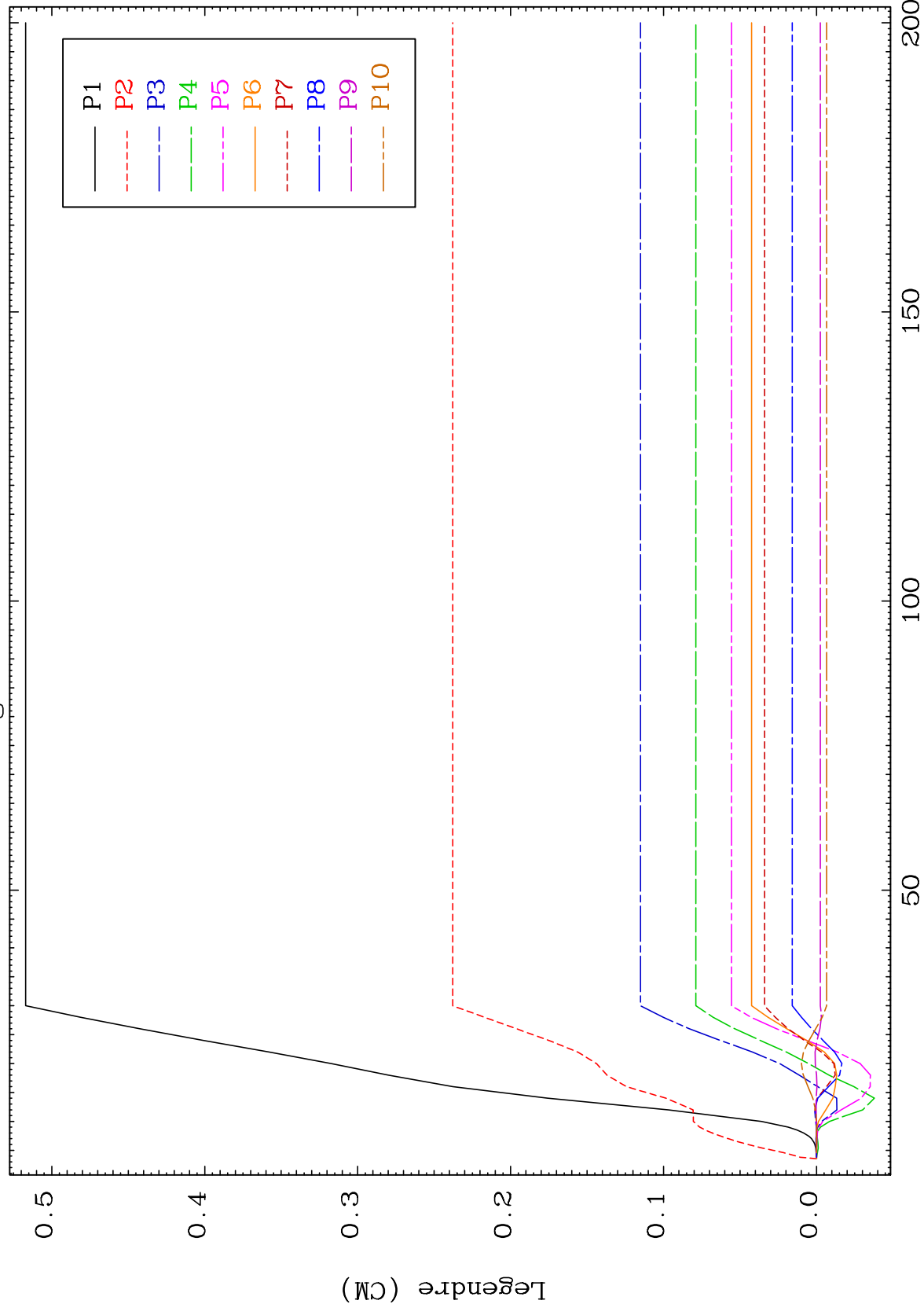
79

17-Cl-41

MAT 1743

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

17-Cl-41



80

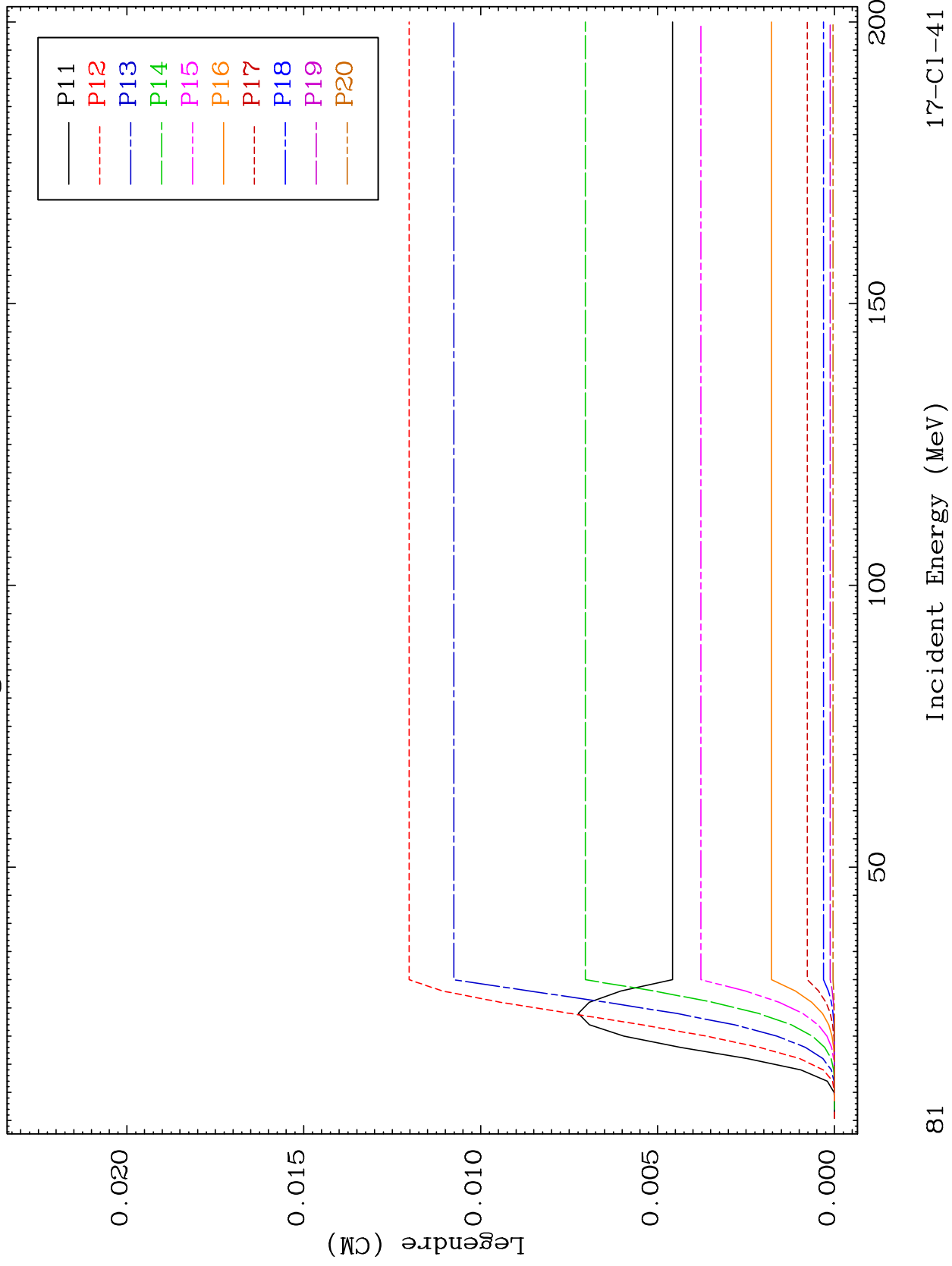
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

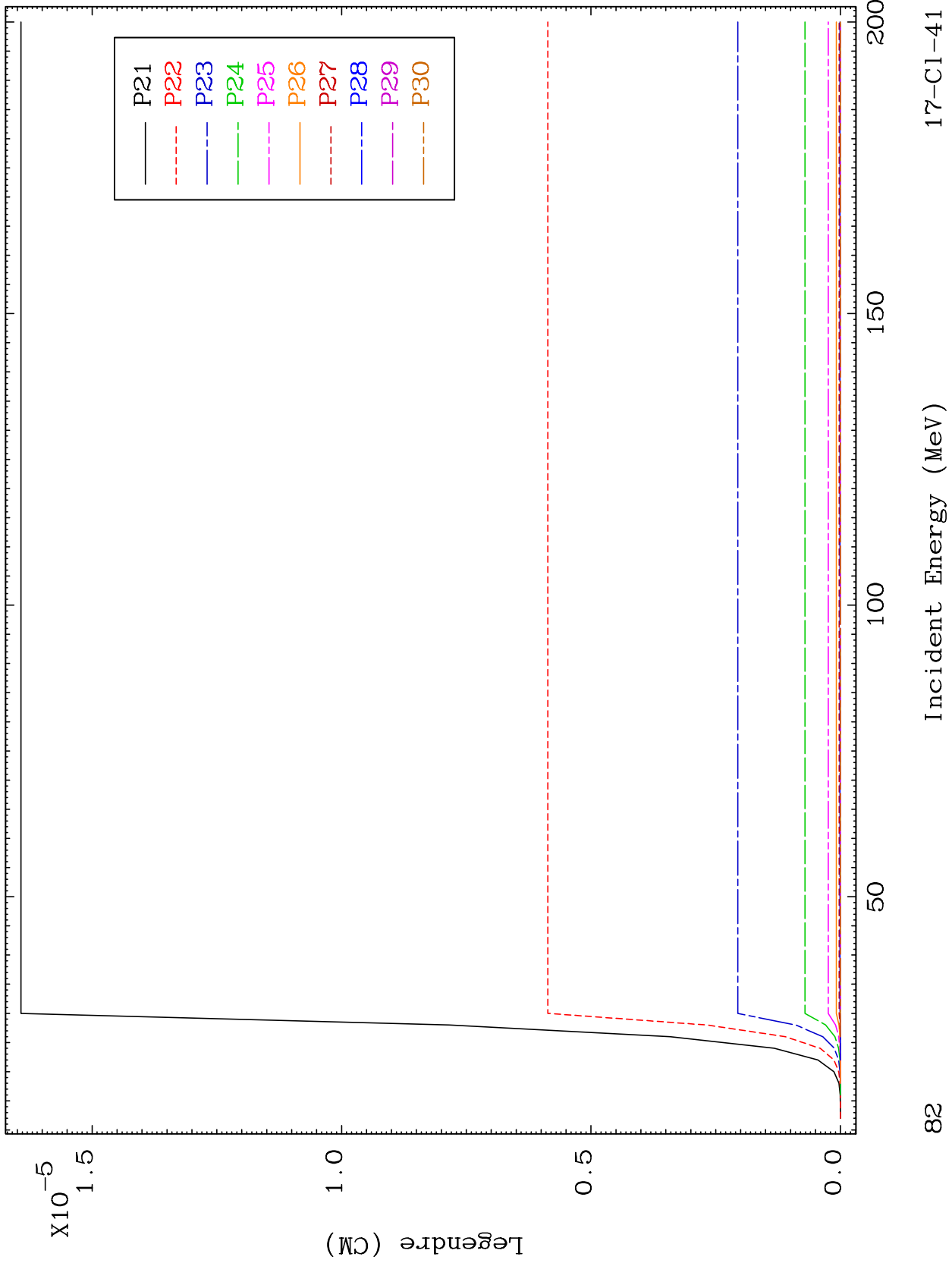


81

MAT 1743

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

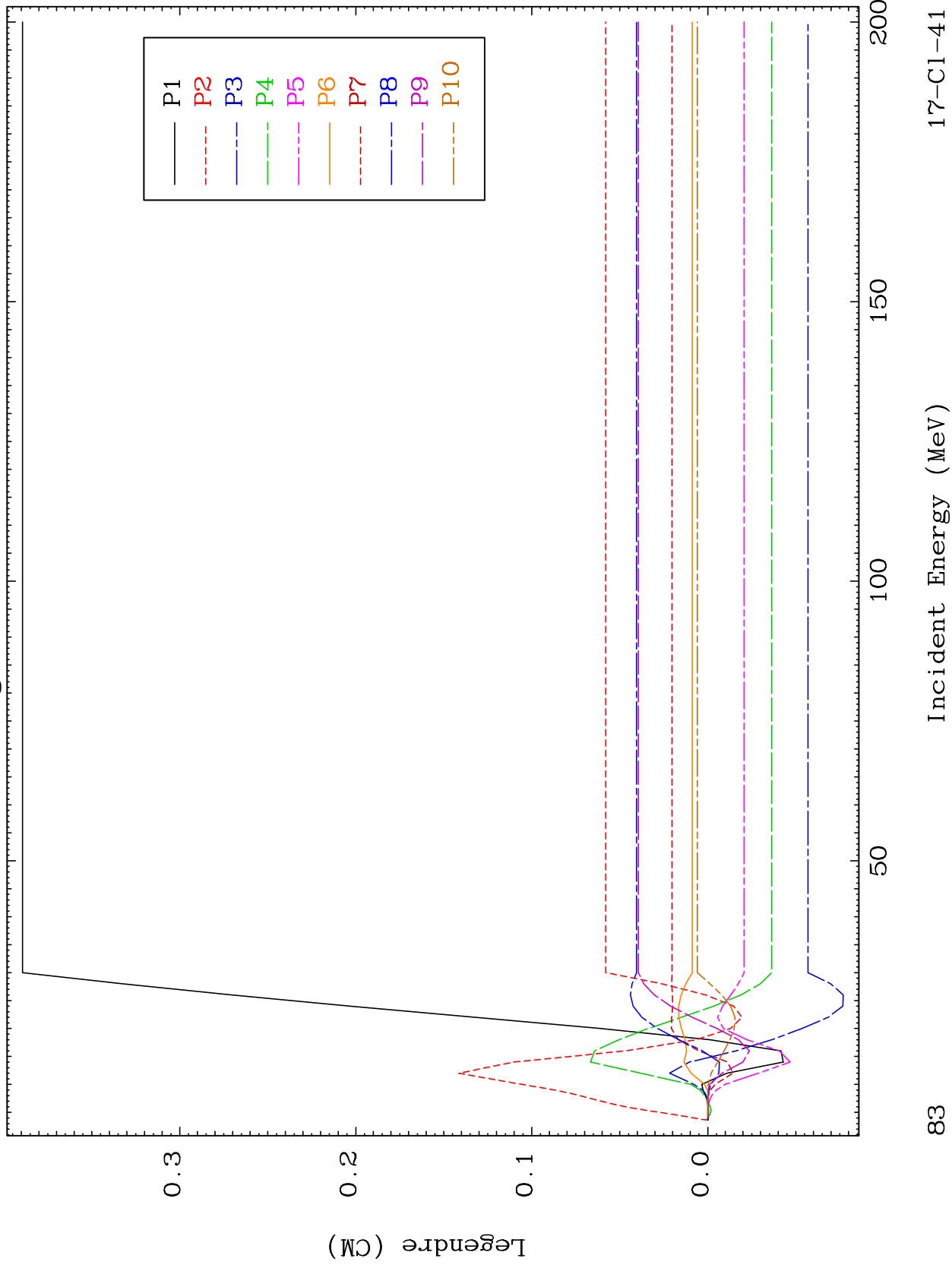
17-Cl-41



MAT 1743

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

17-Cl-41



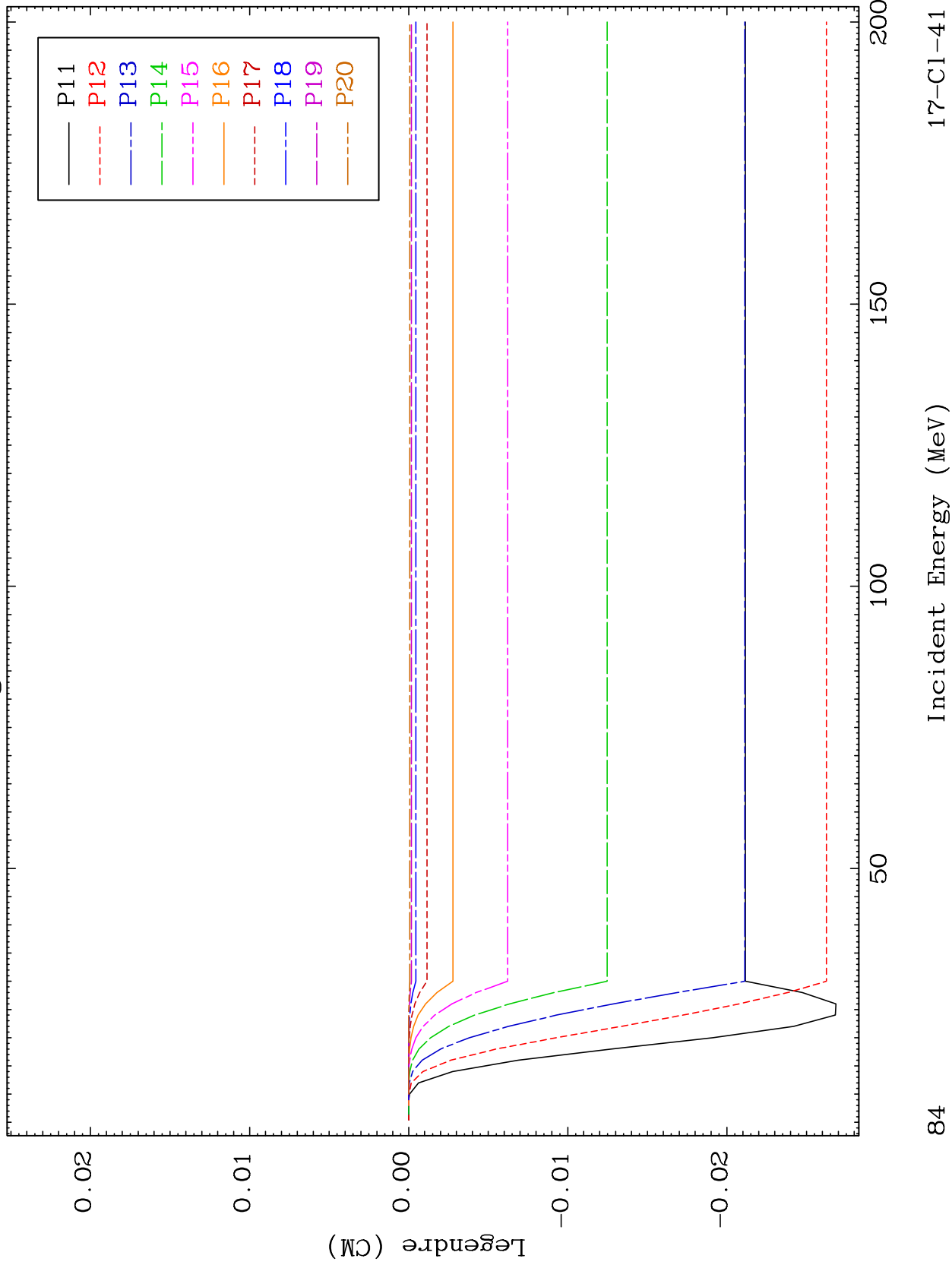
83

17-Cl-41

MAT 1743

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

17-Cl-41



84

Incident Energy (MeV)

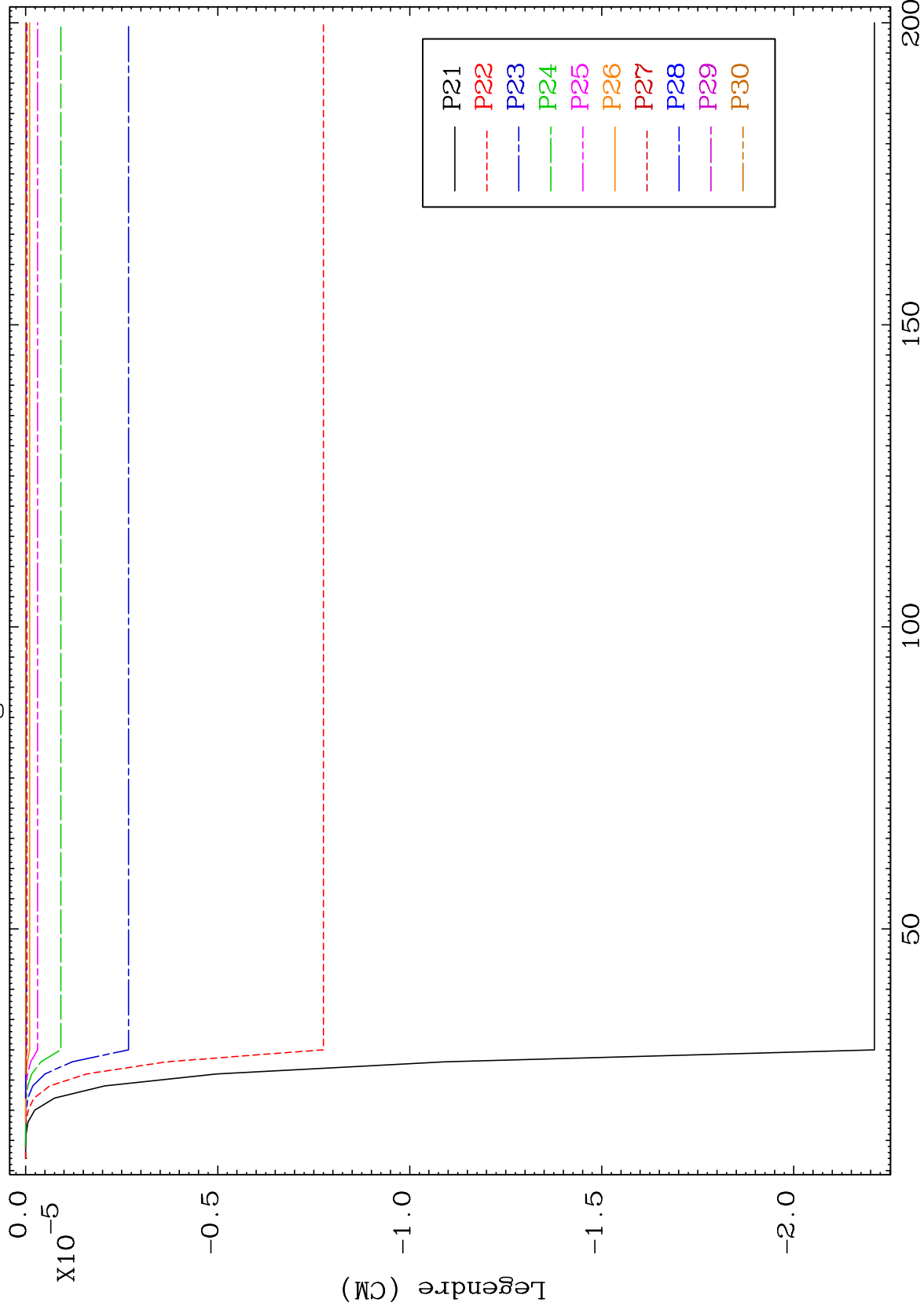
17-Cl-41

MAT 1743

MT= 72 (n,n') Level

17-Cl-41

Legendre Coefficients



85

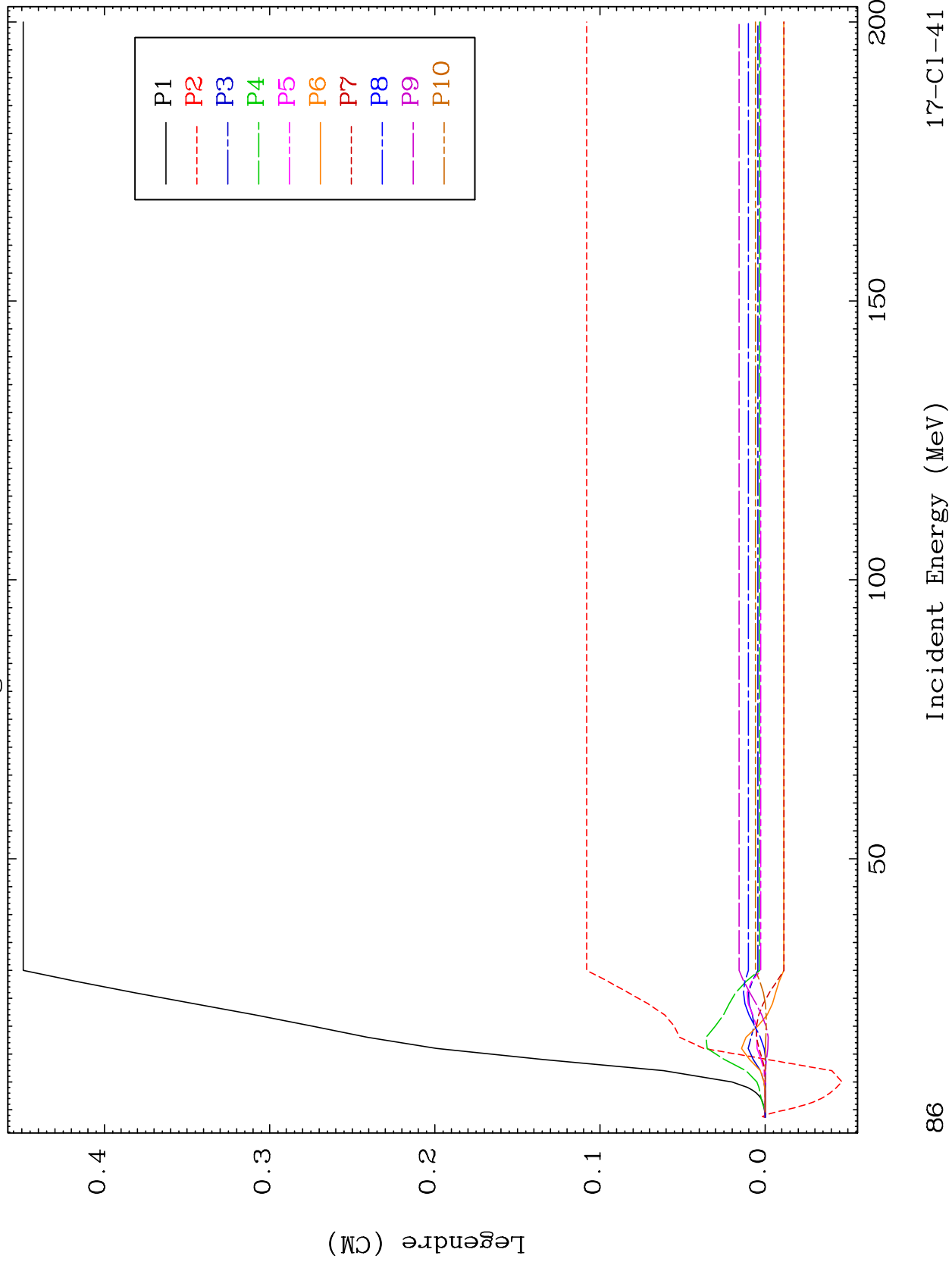
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



86

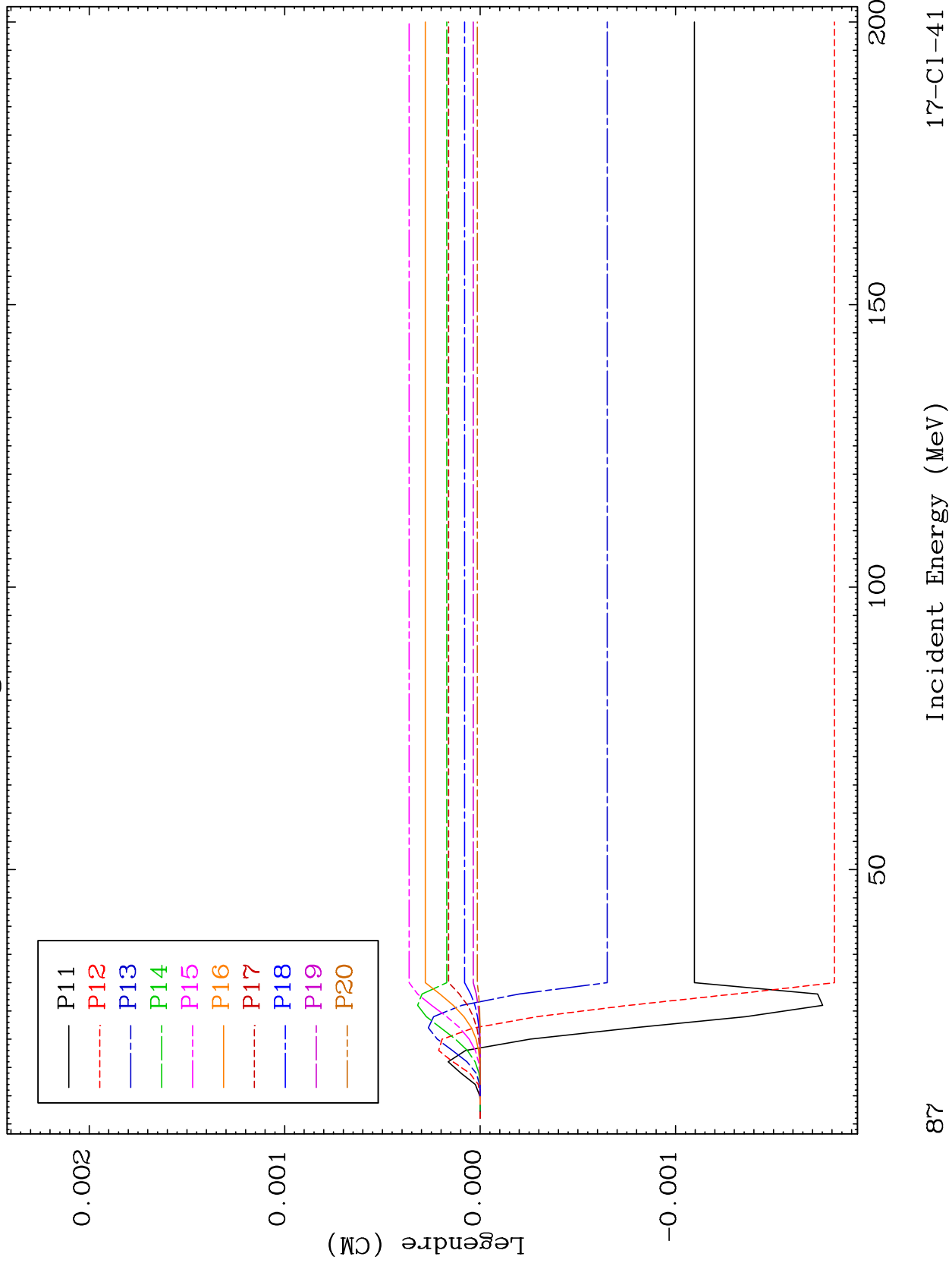
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



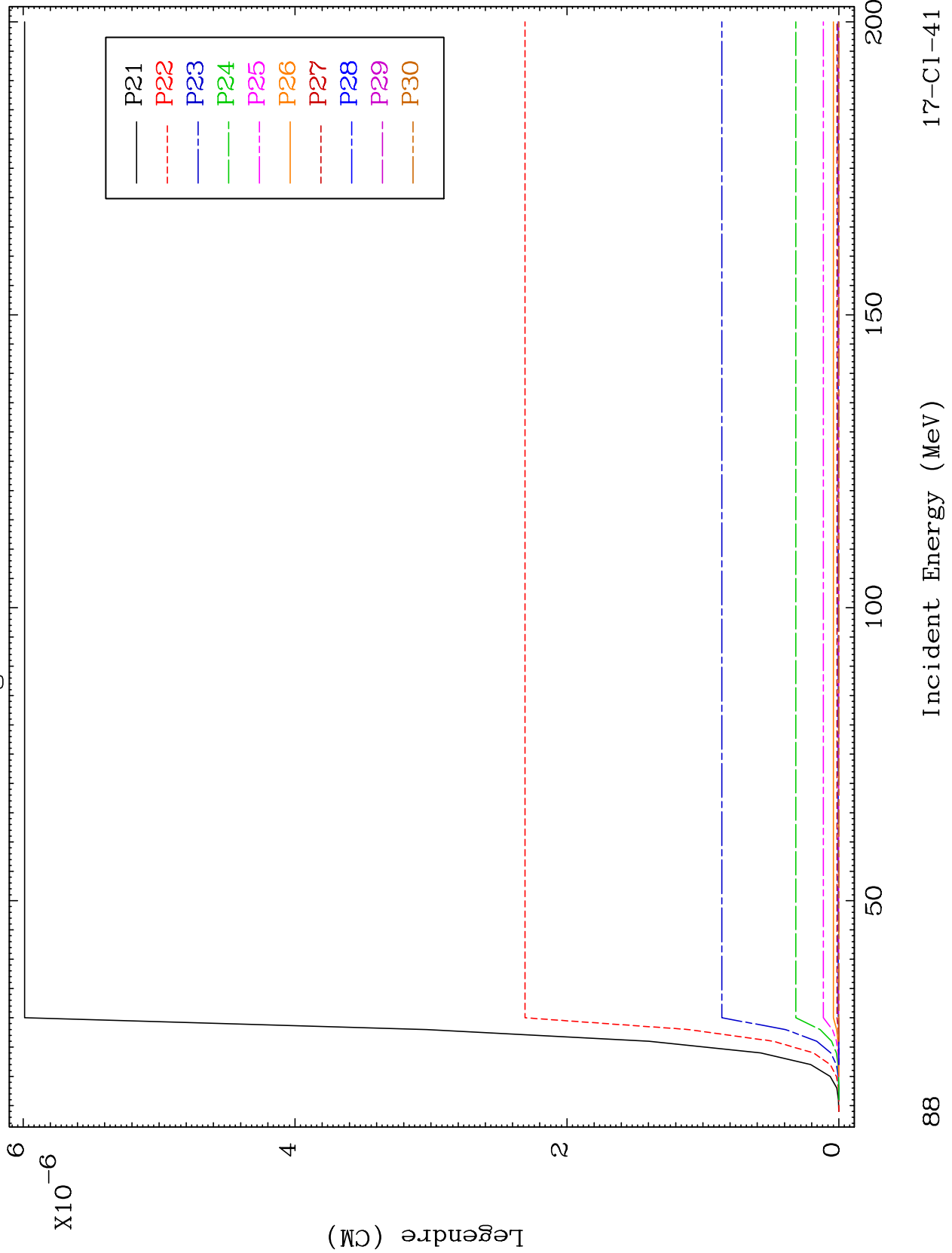
87

17-Cl-41

MAT 1743

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

17-Cl-41



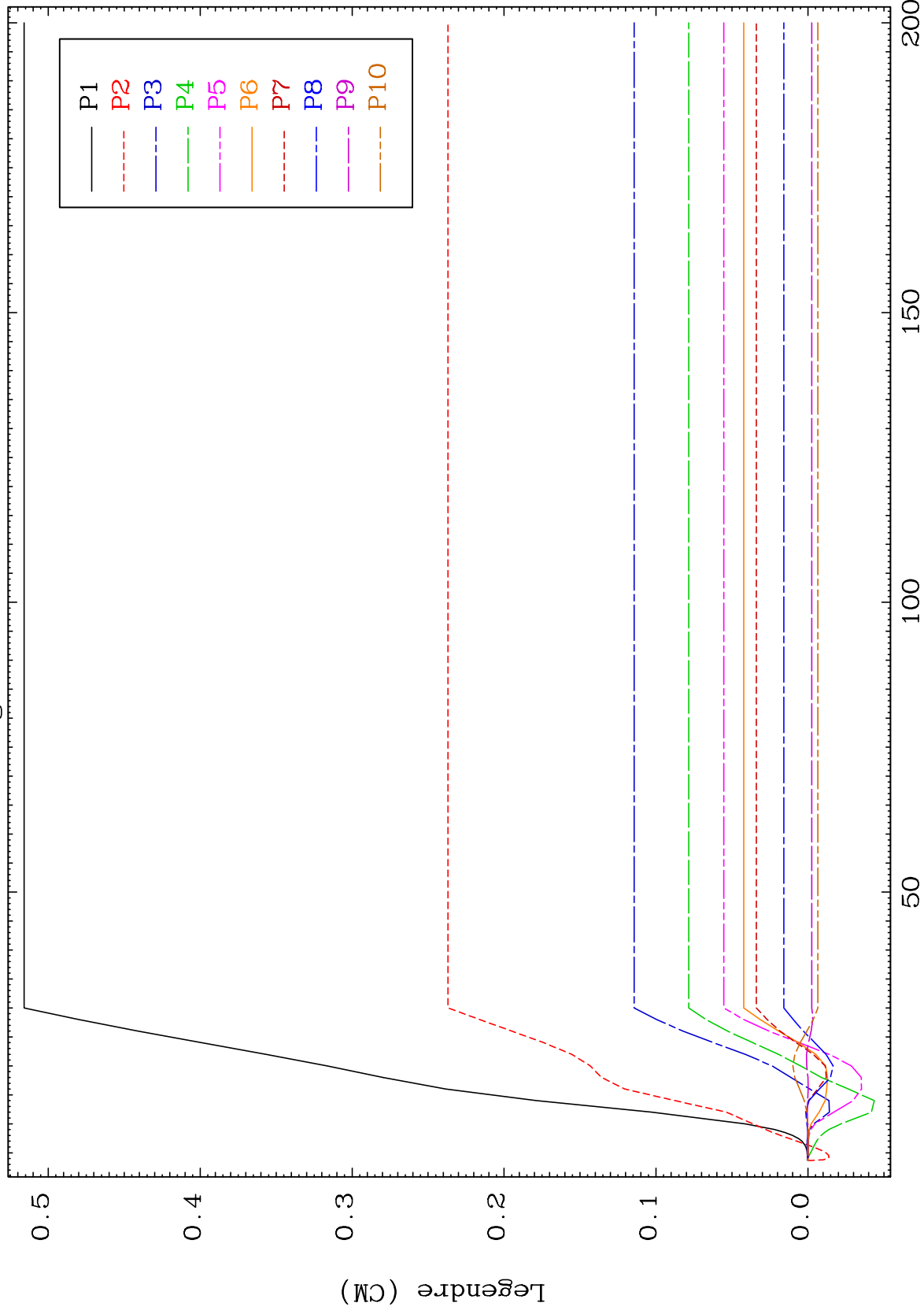
88

MAT 1743

MT= 74 (n,n') Level

17-Cl-41

Legendre Coefficients



89

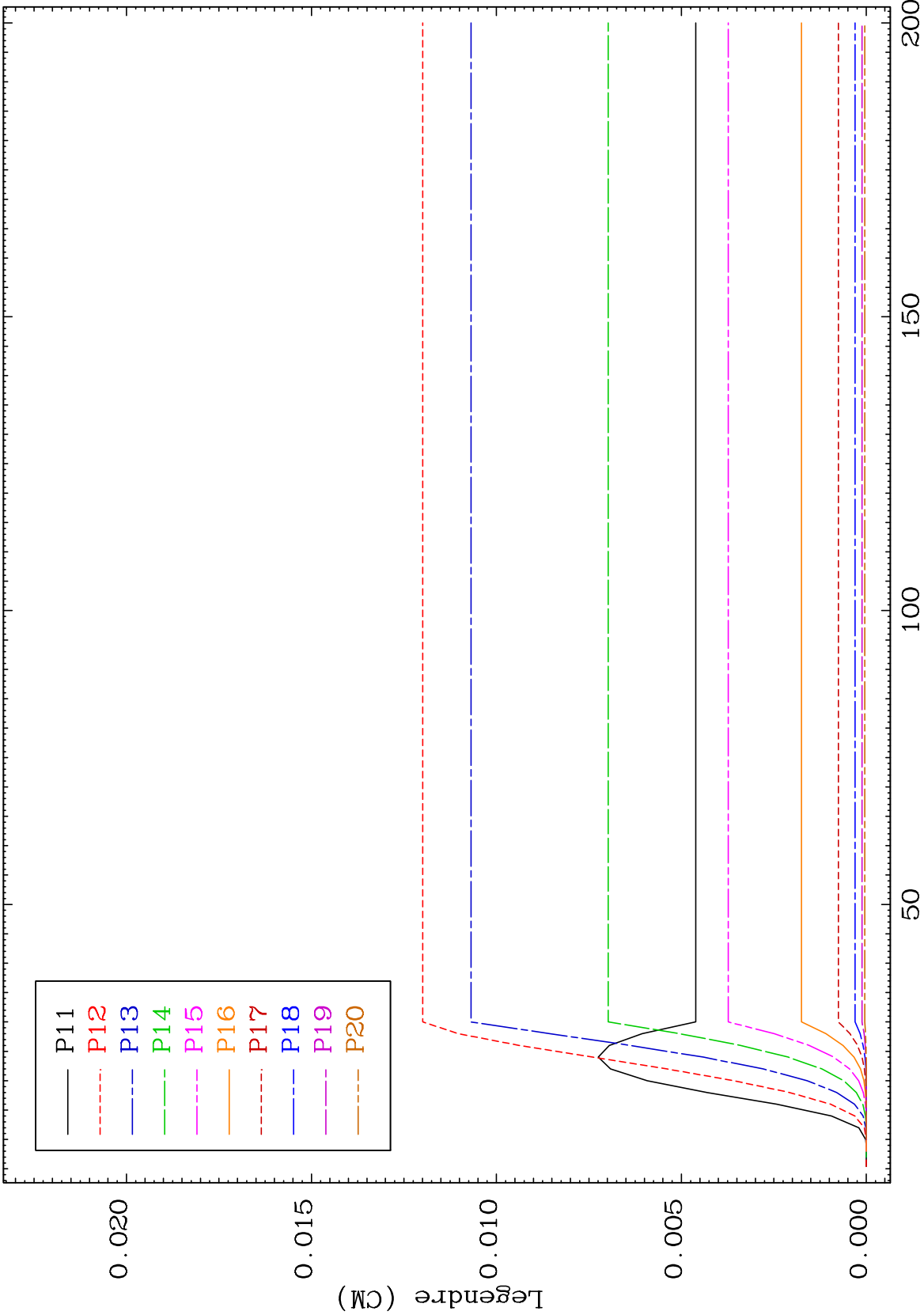
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41



90

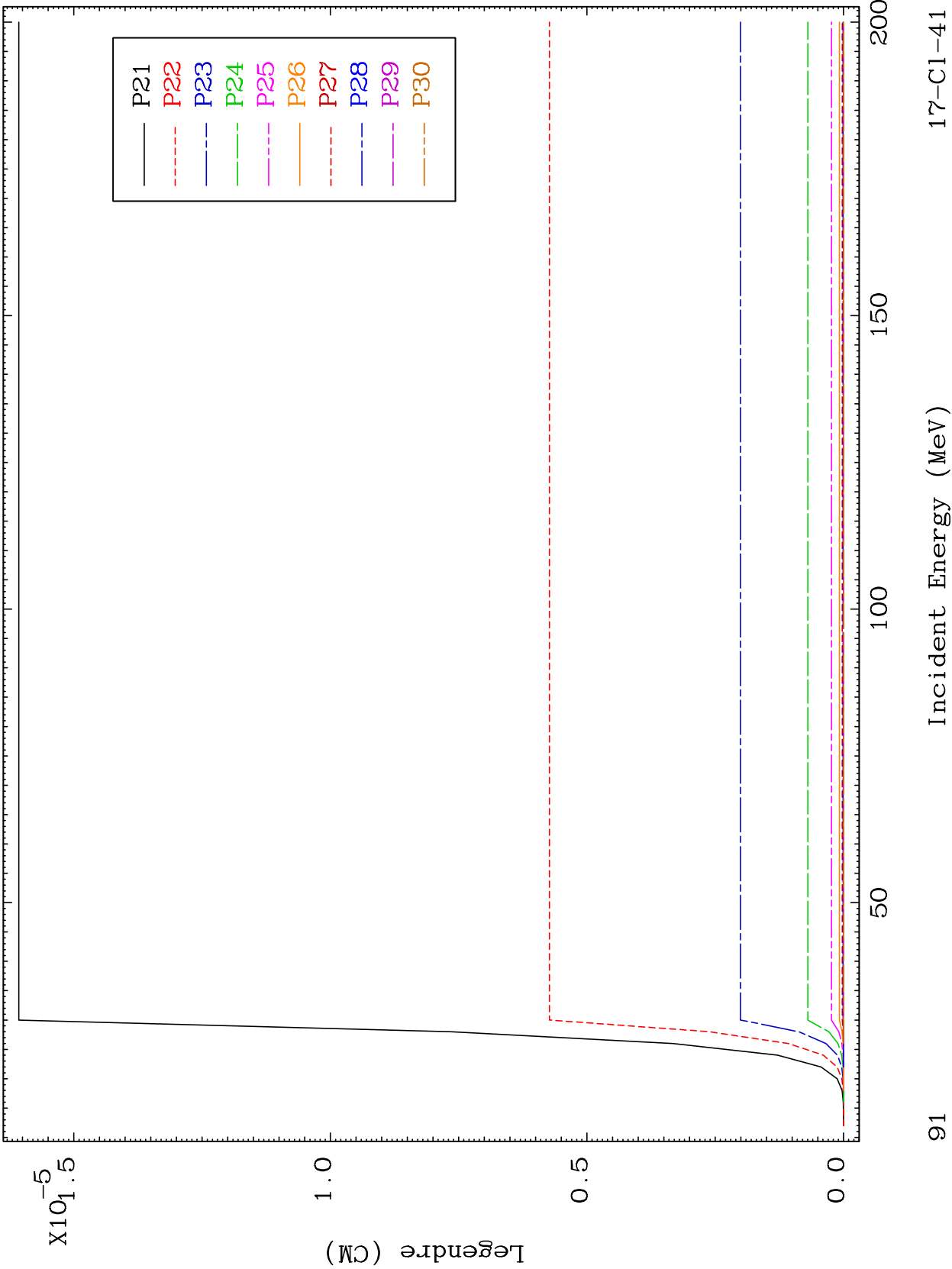
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

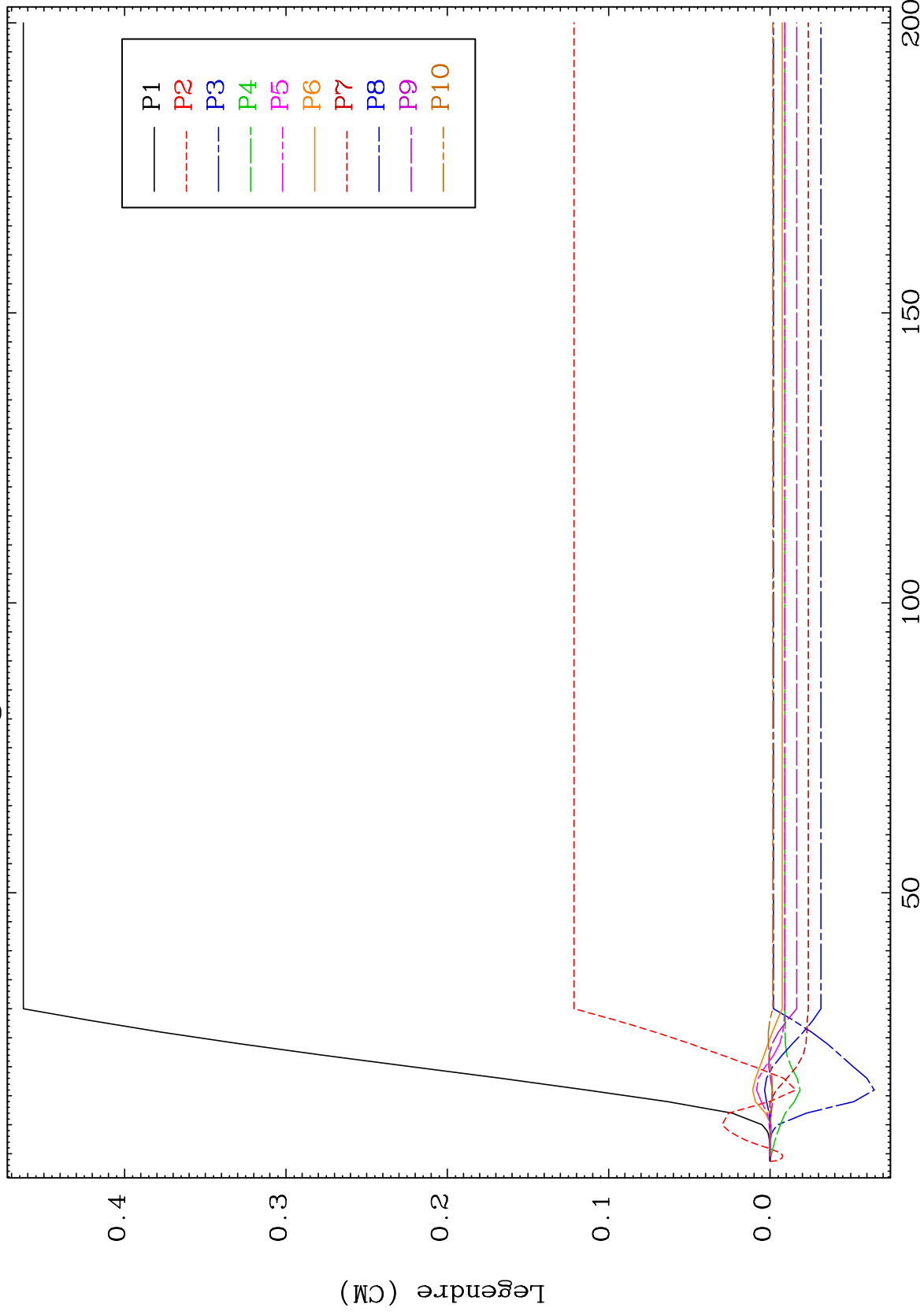


91

MAT 1743

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

17-Cl-41



92

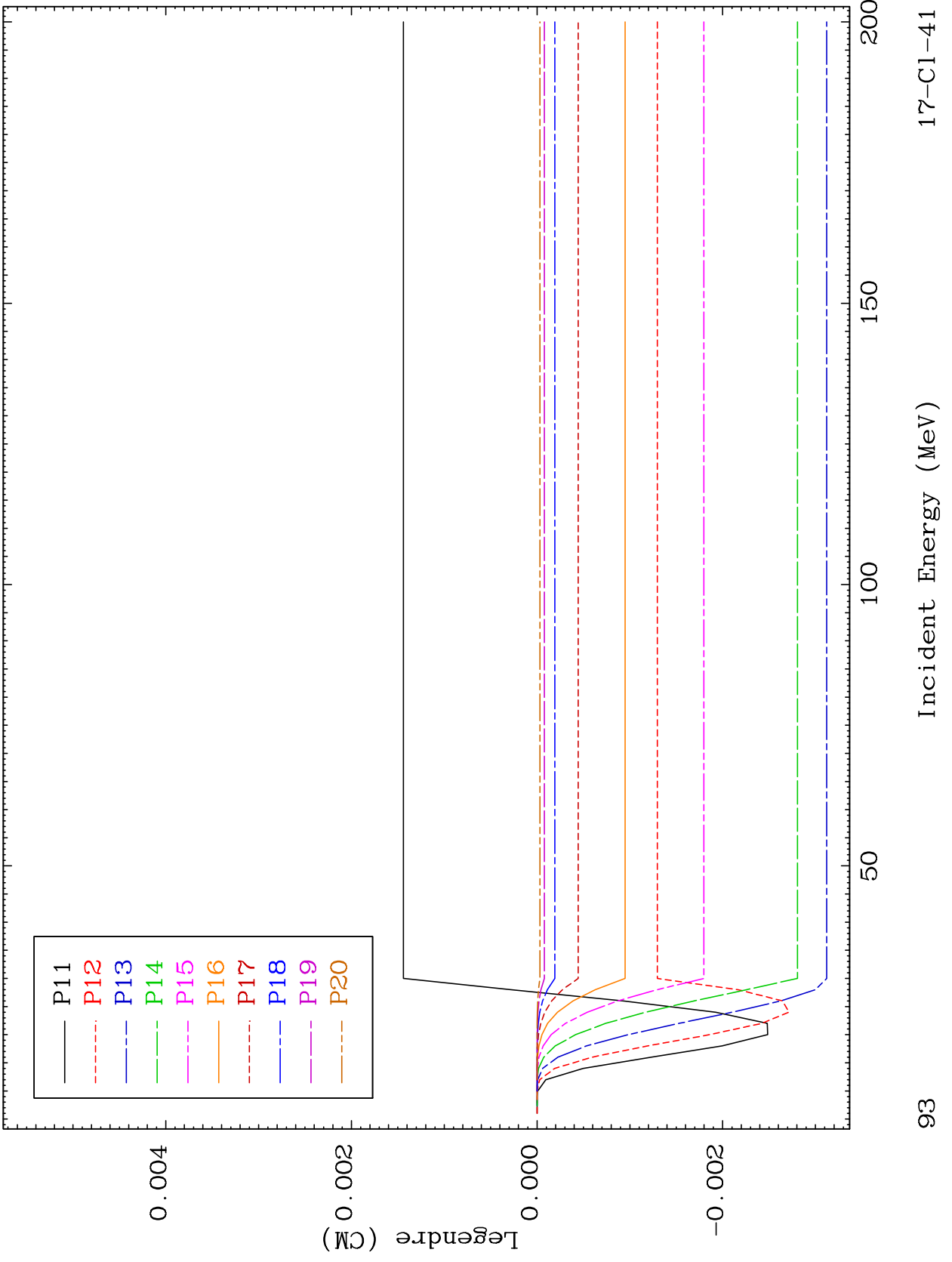
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

17-Cl-41

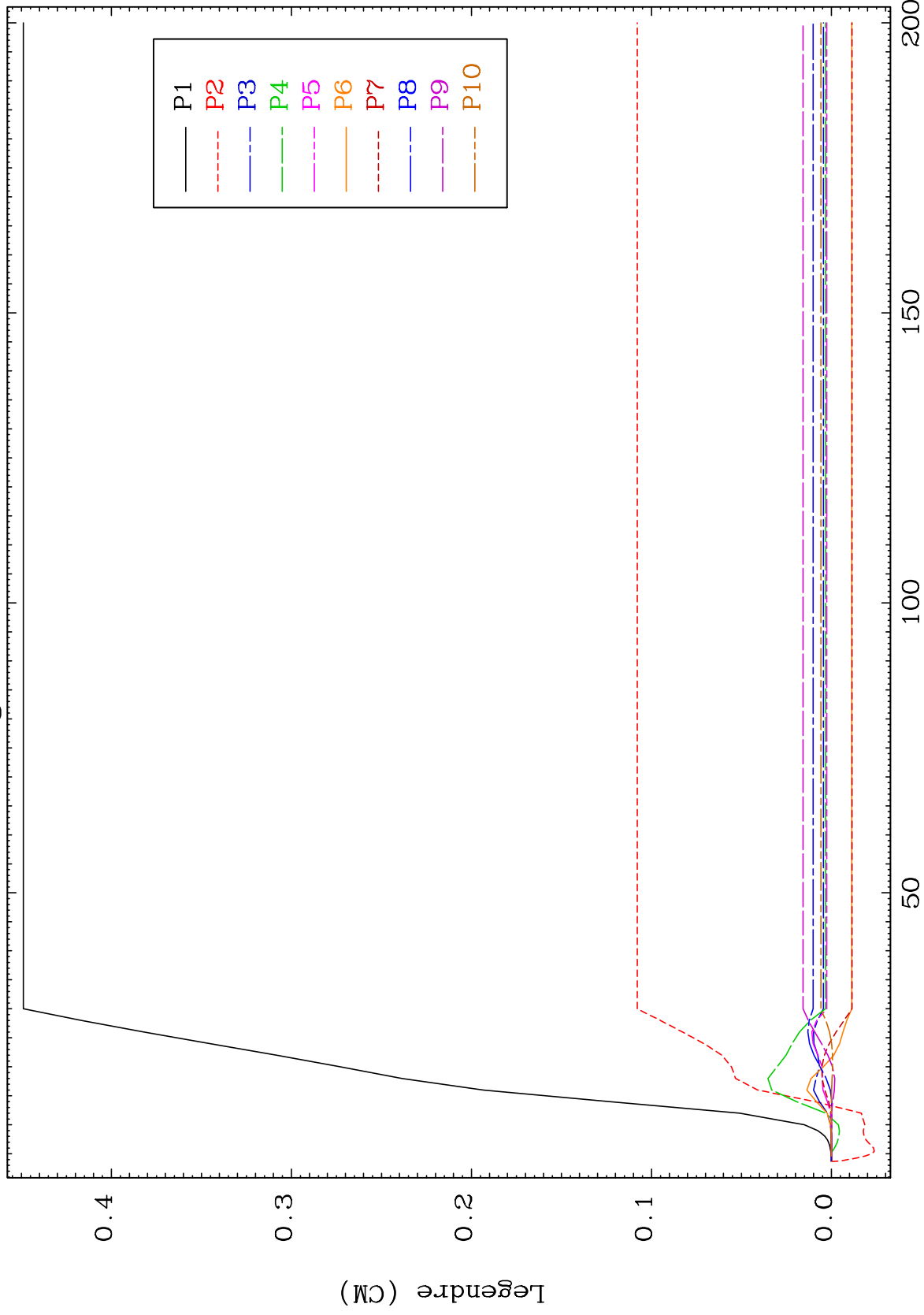




MAT 1743

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

17-Cl-41



95

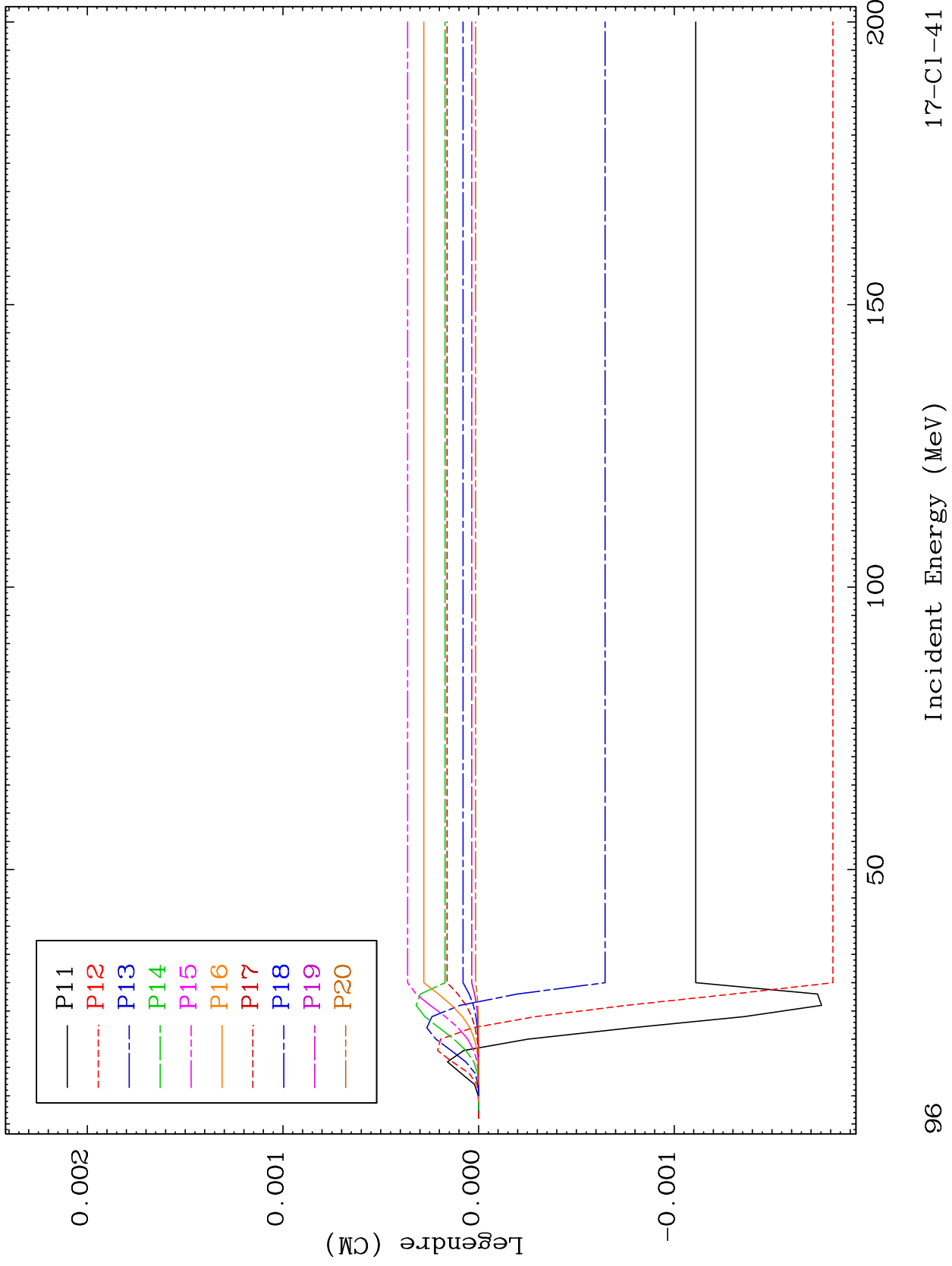
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

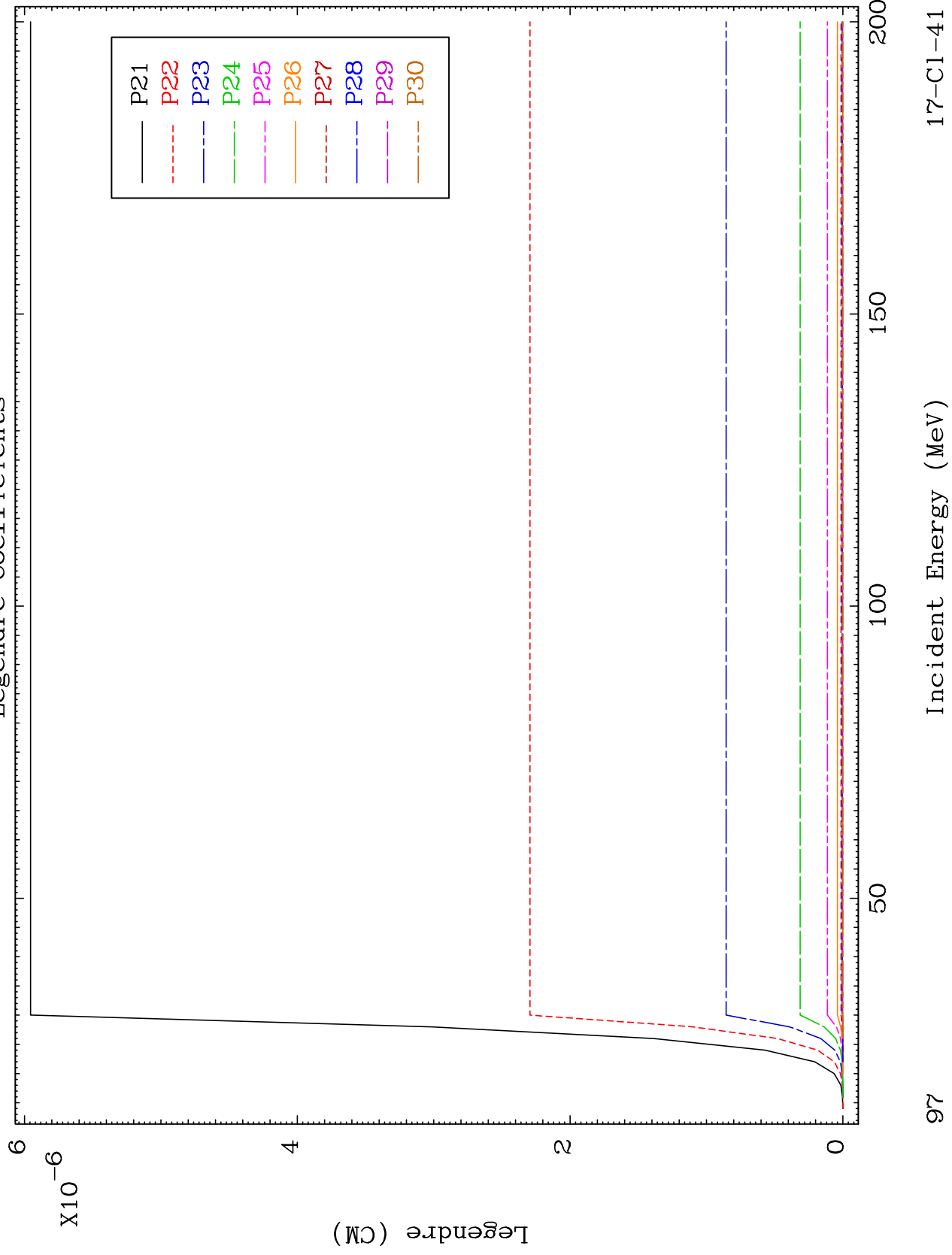
17-Cl-41



MAT 1743

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

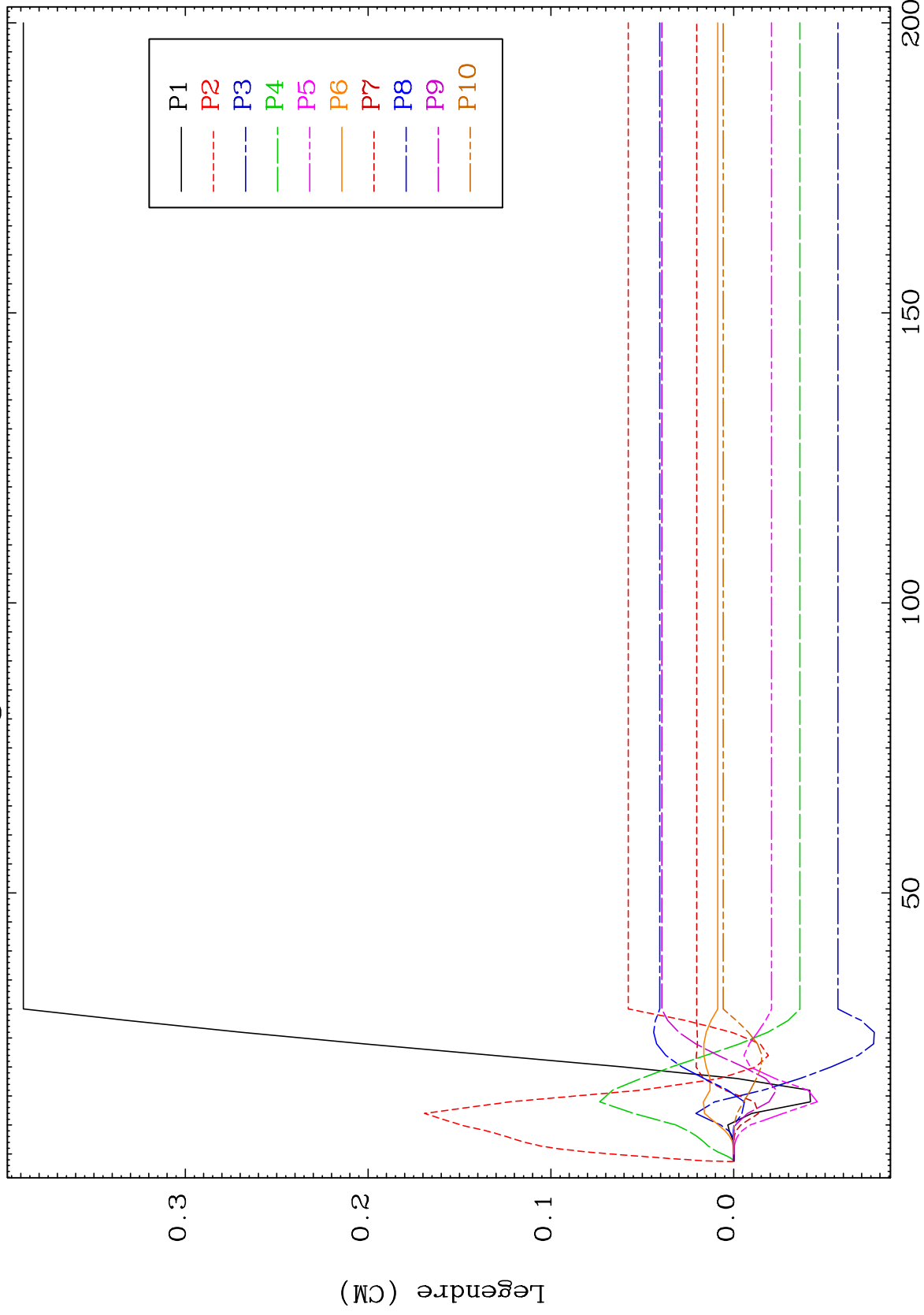
17-Cl-41



MAT 1743

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

17-Cl-41



98

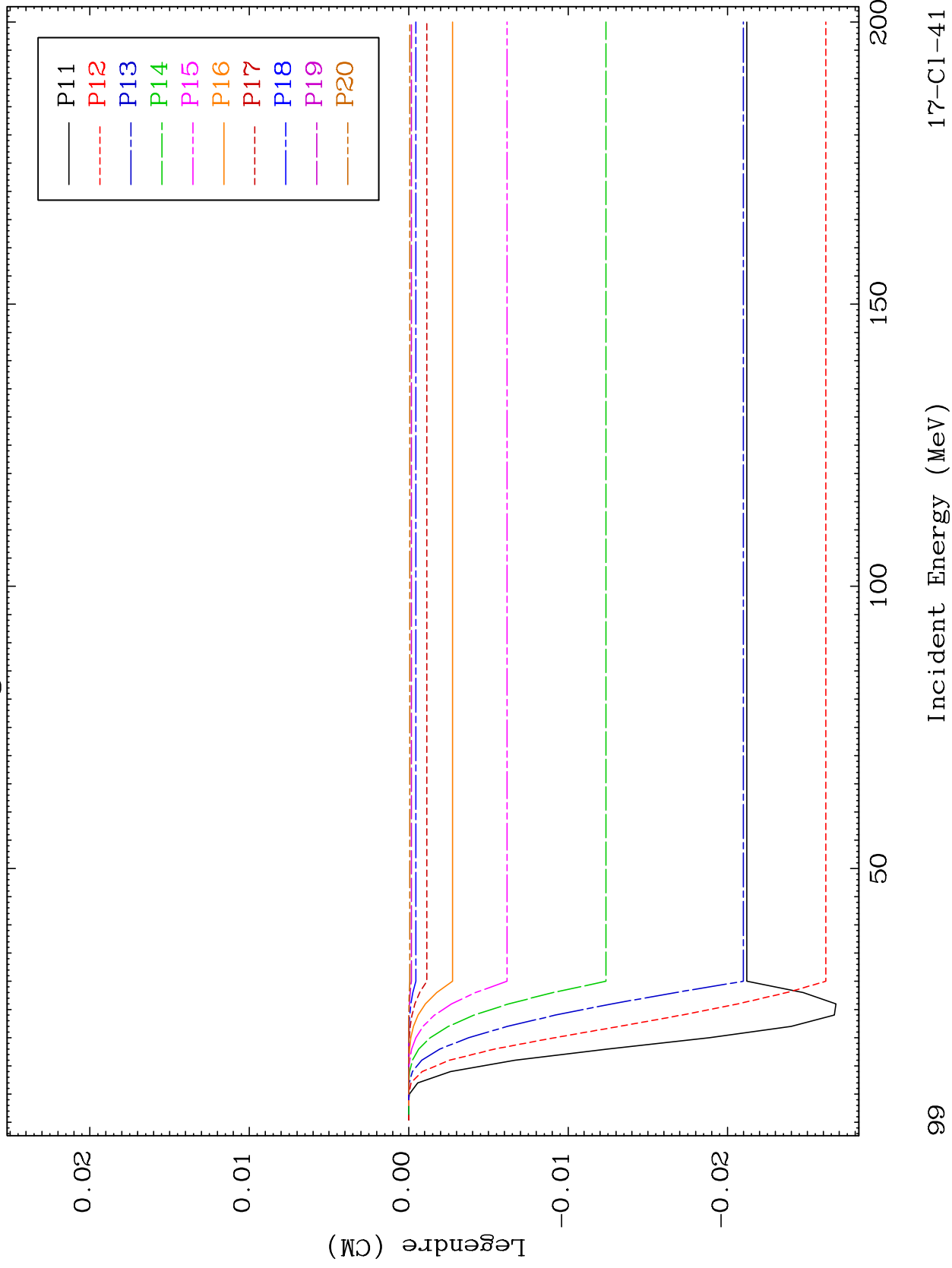
Incident Energy (MeV)

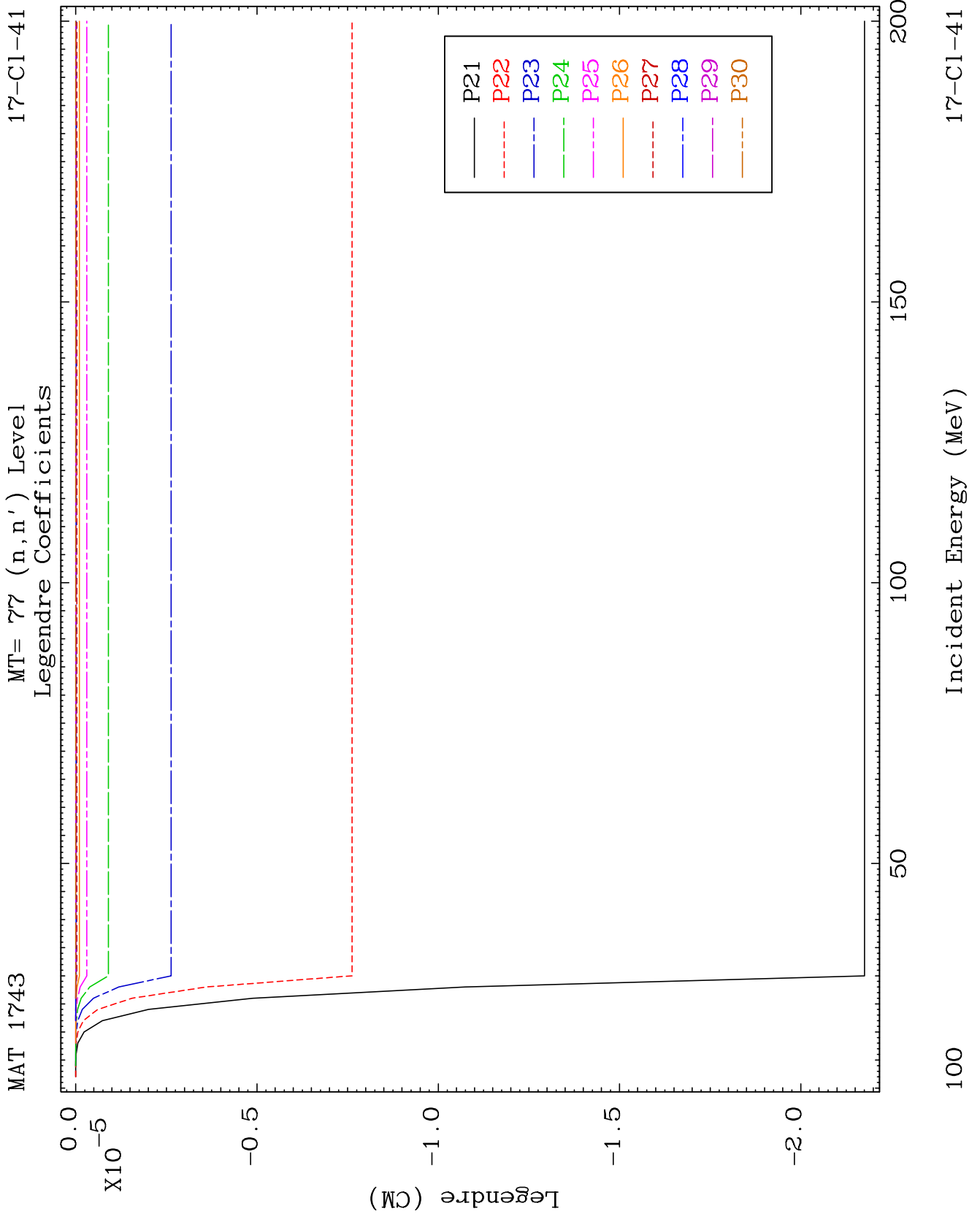
17-Cl-41

MAT 1743

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

17-Cl-41

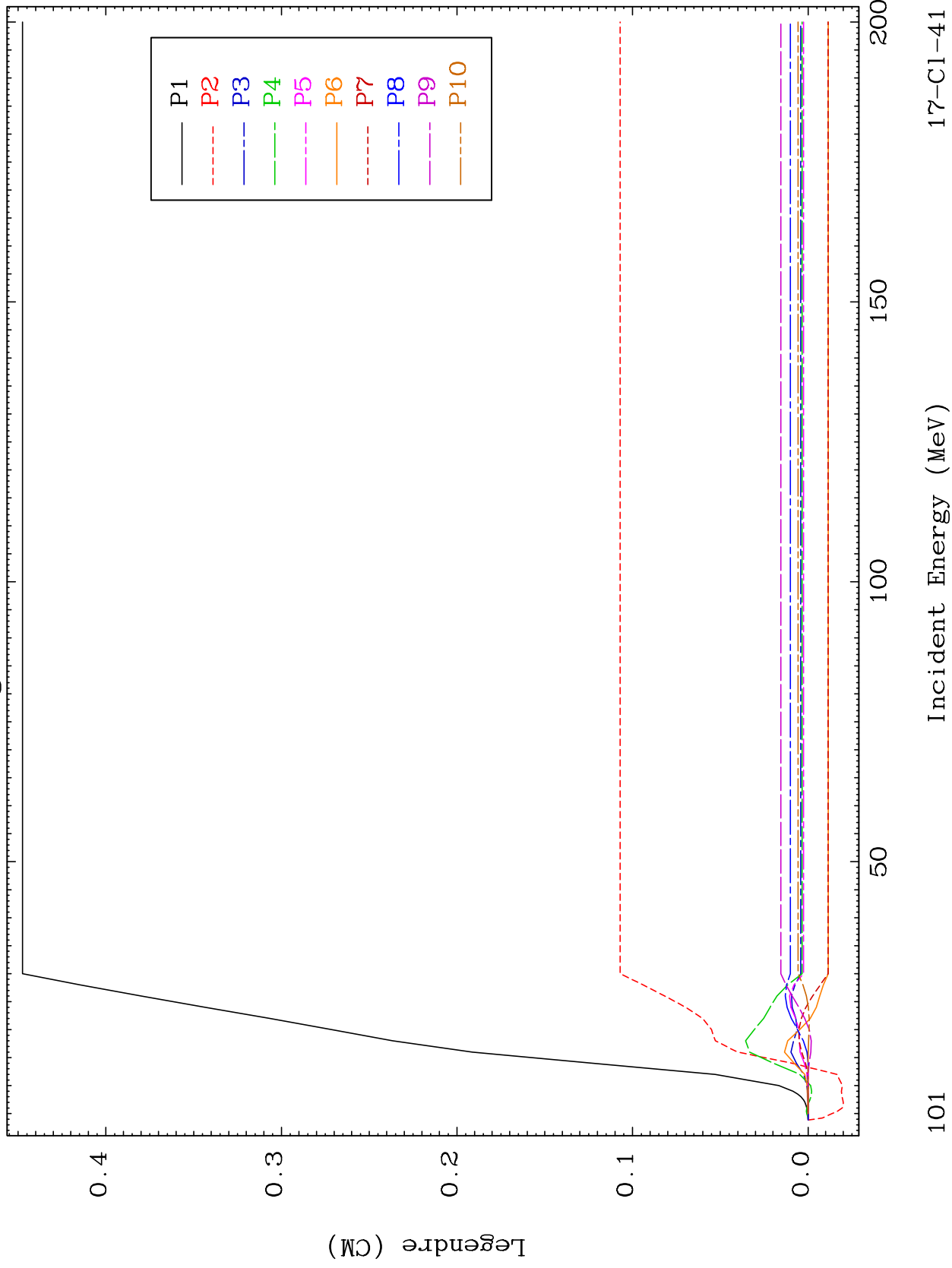




MAT 1743

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

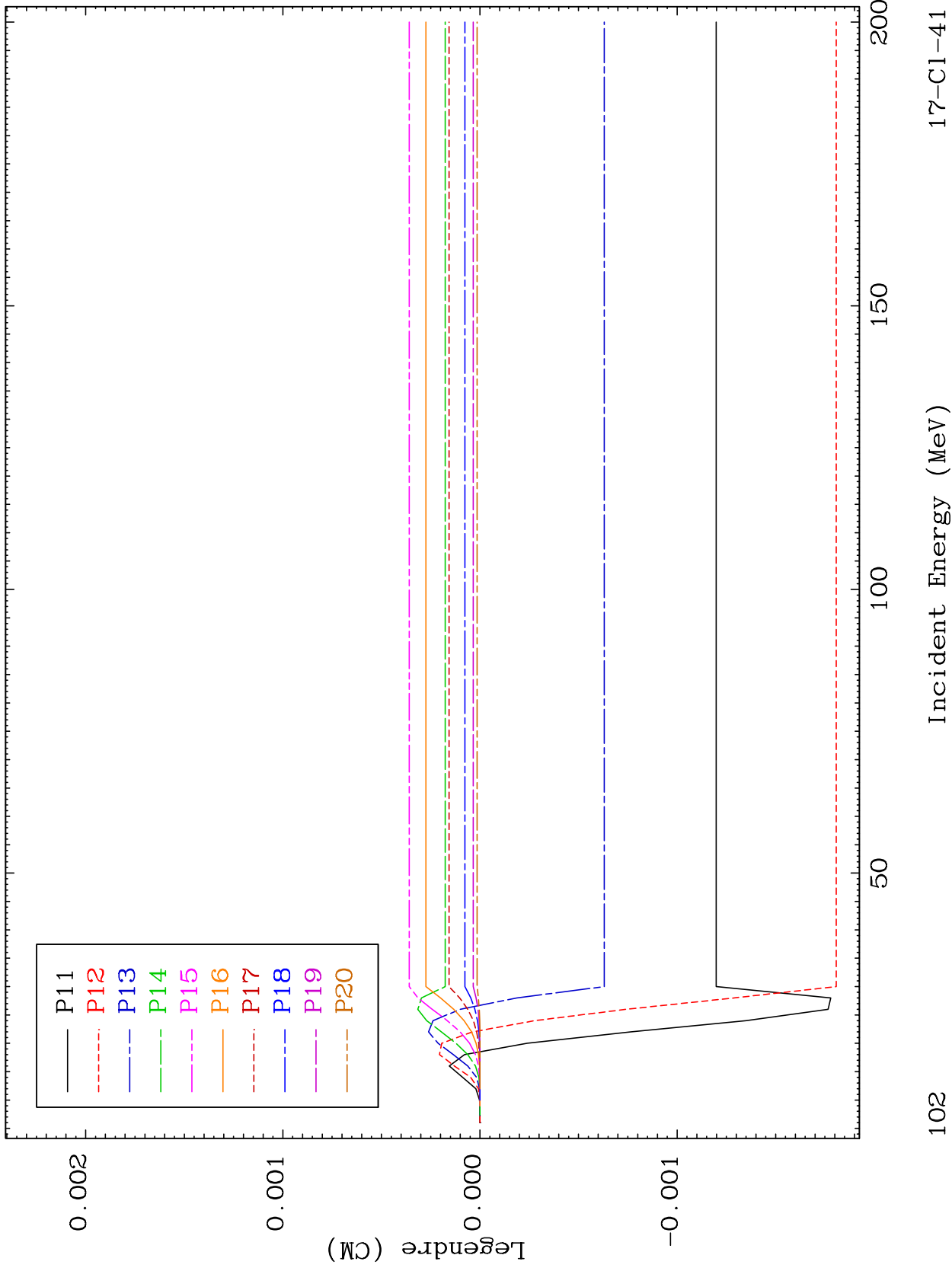
17-Cl-41



MAT 1743

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

17-Cl-41



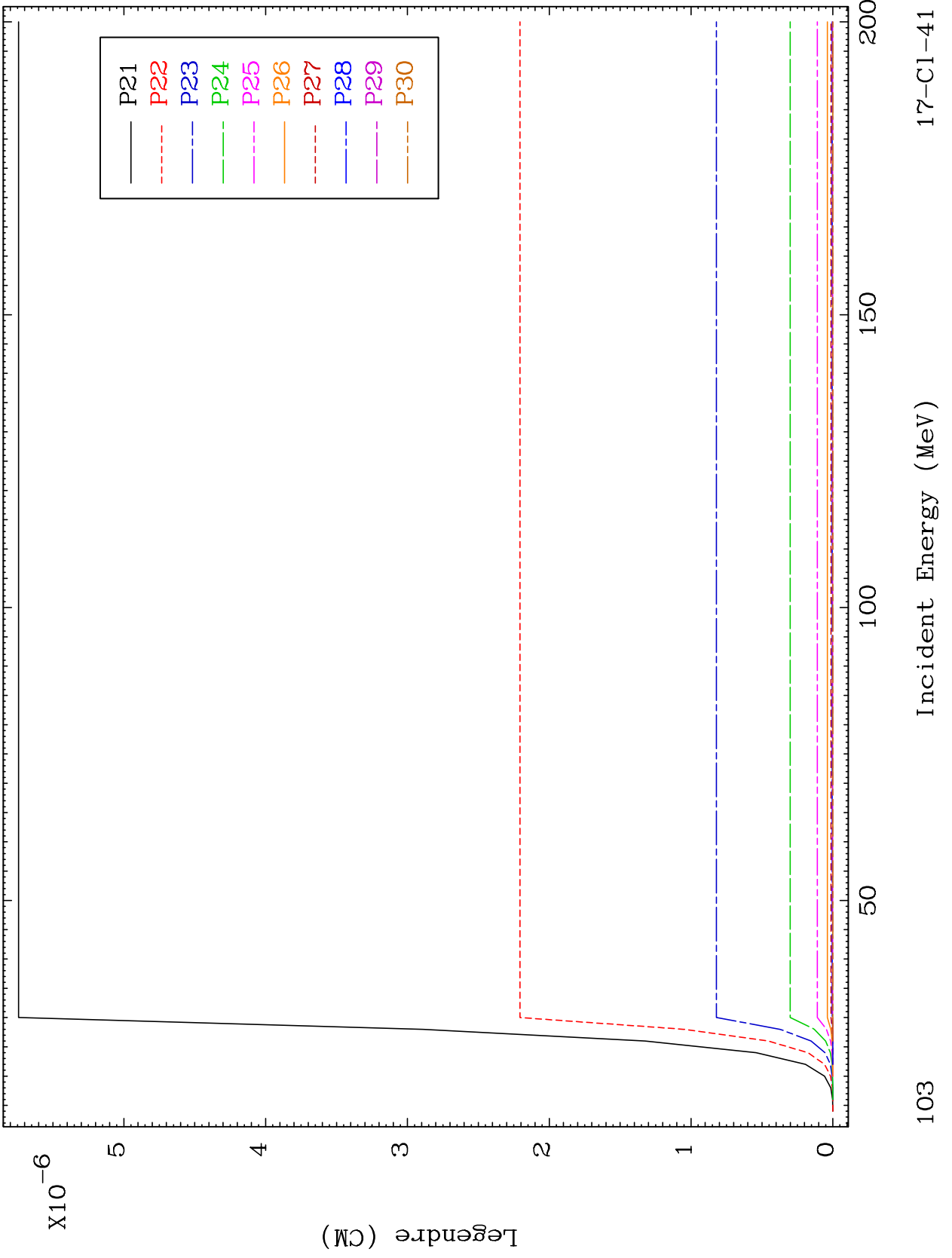
102

17-Cl-41

MAT 1743

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

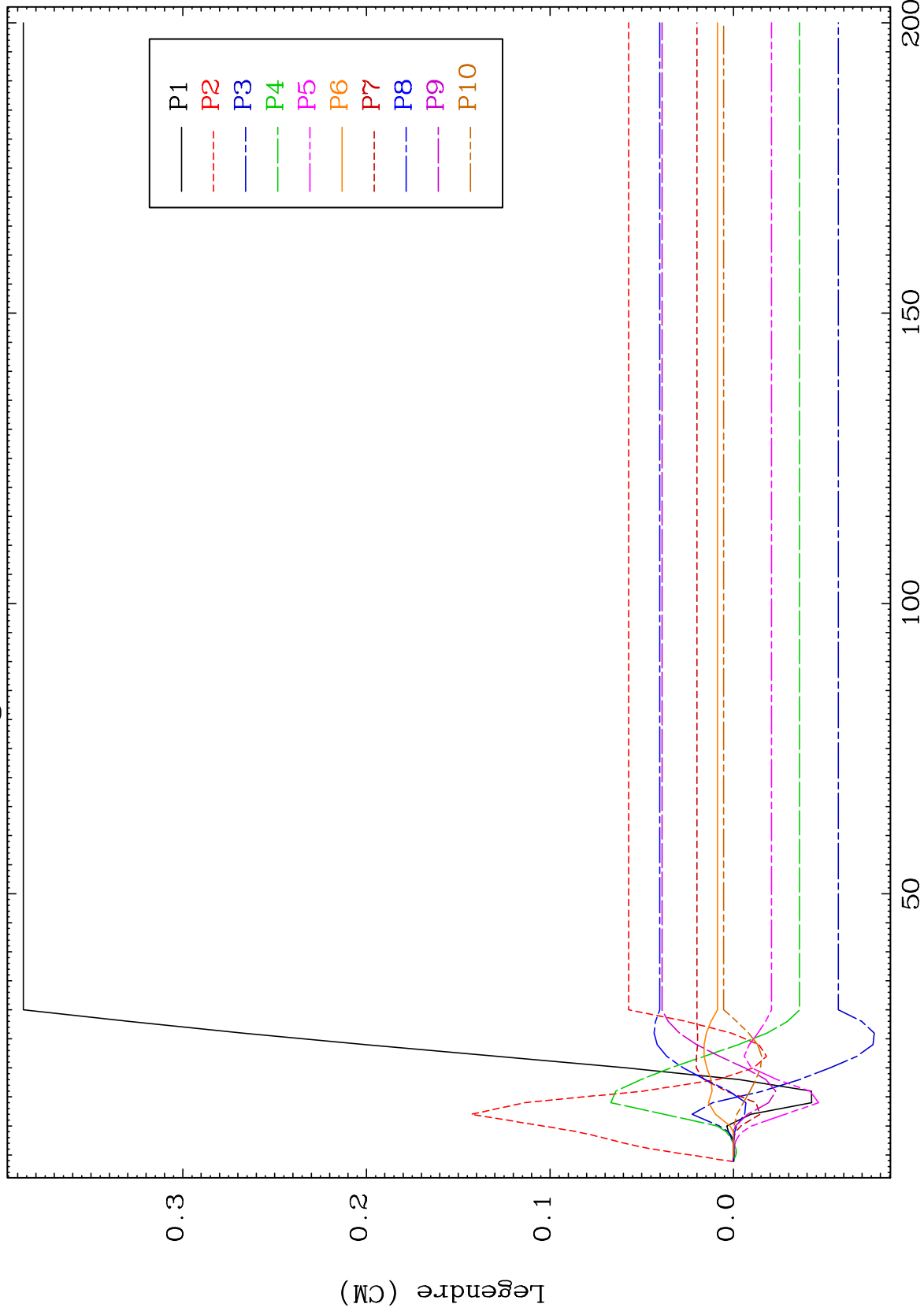
17-Cl-41



MAT 1743

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

17-Cl-41



104

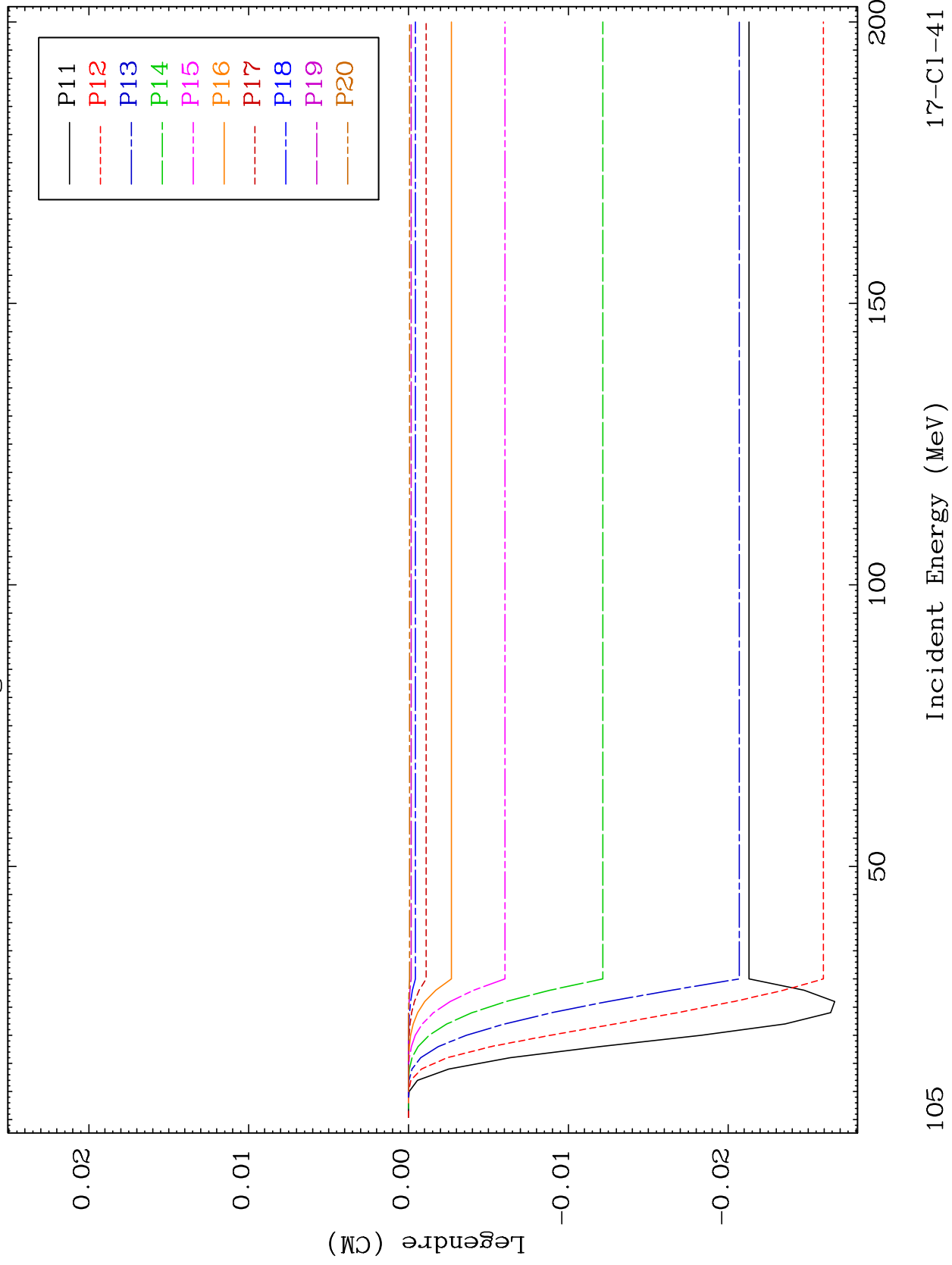
Incident Energy (MeV)

17-Cl-41

MAT 1743

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

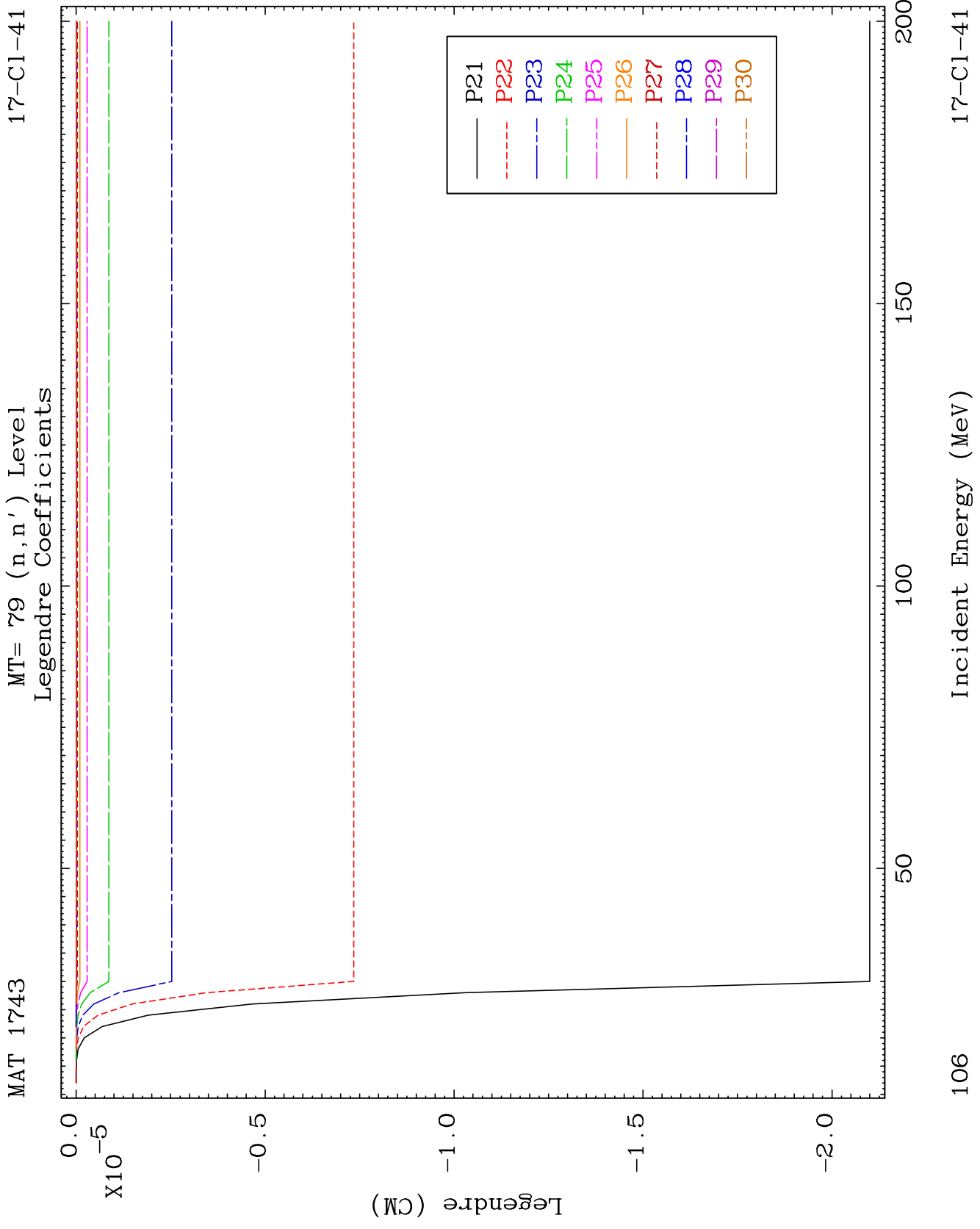
17-Cl-41

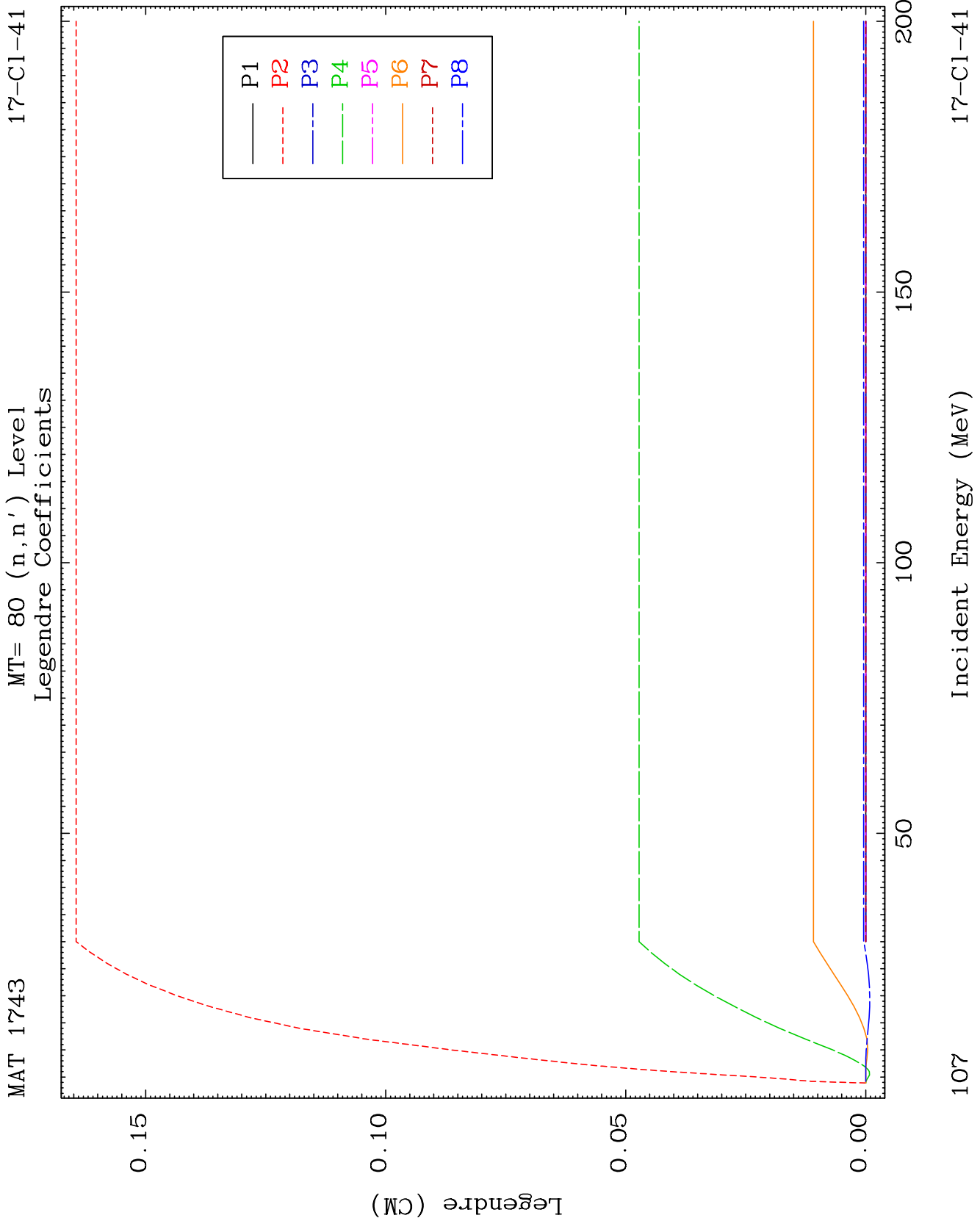


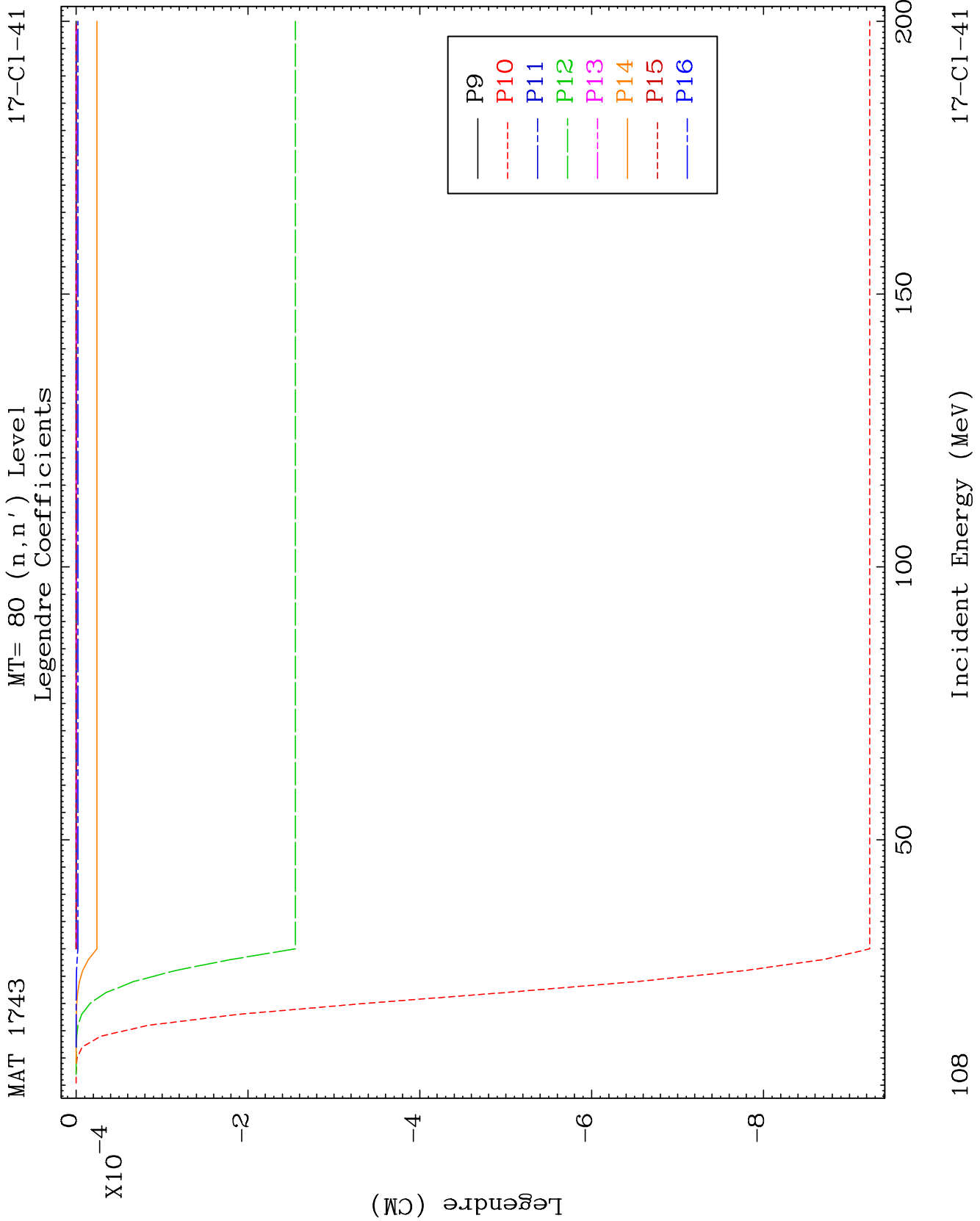
105

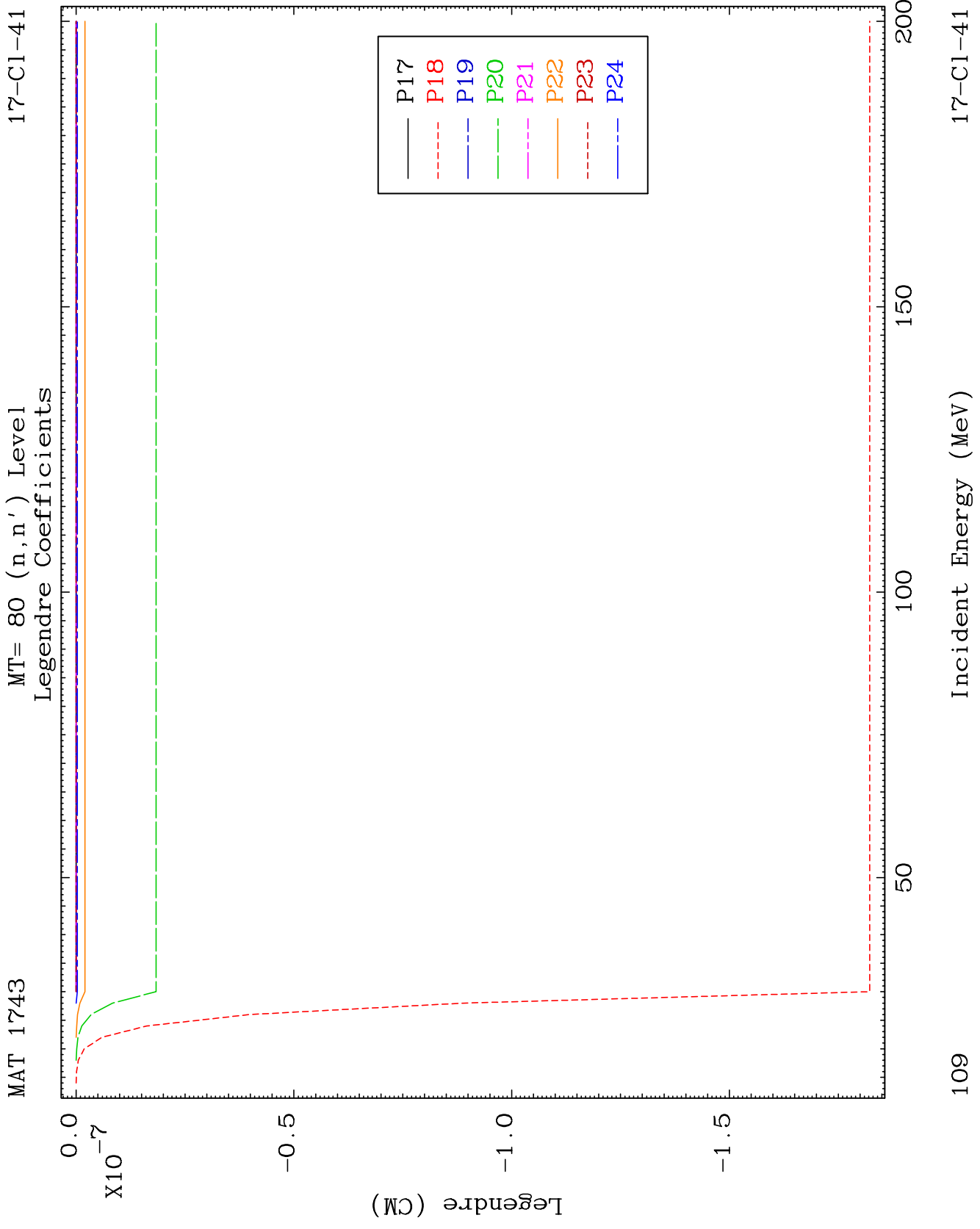
Incident Energy (MeV)

17-Cl-41







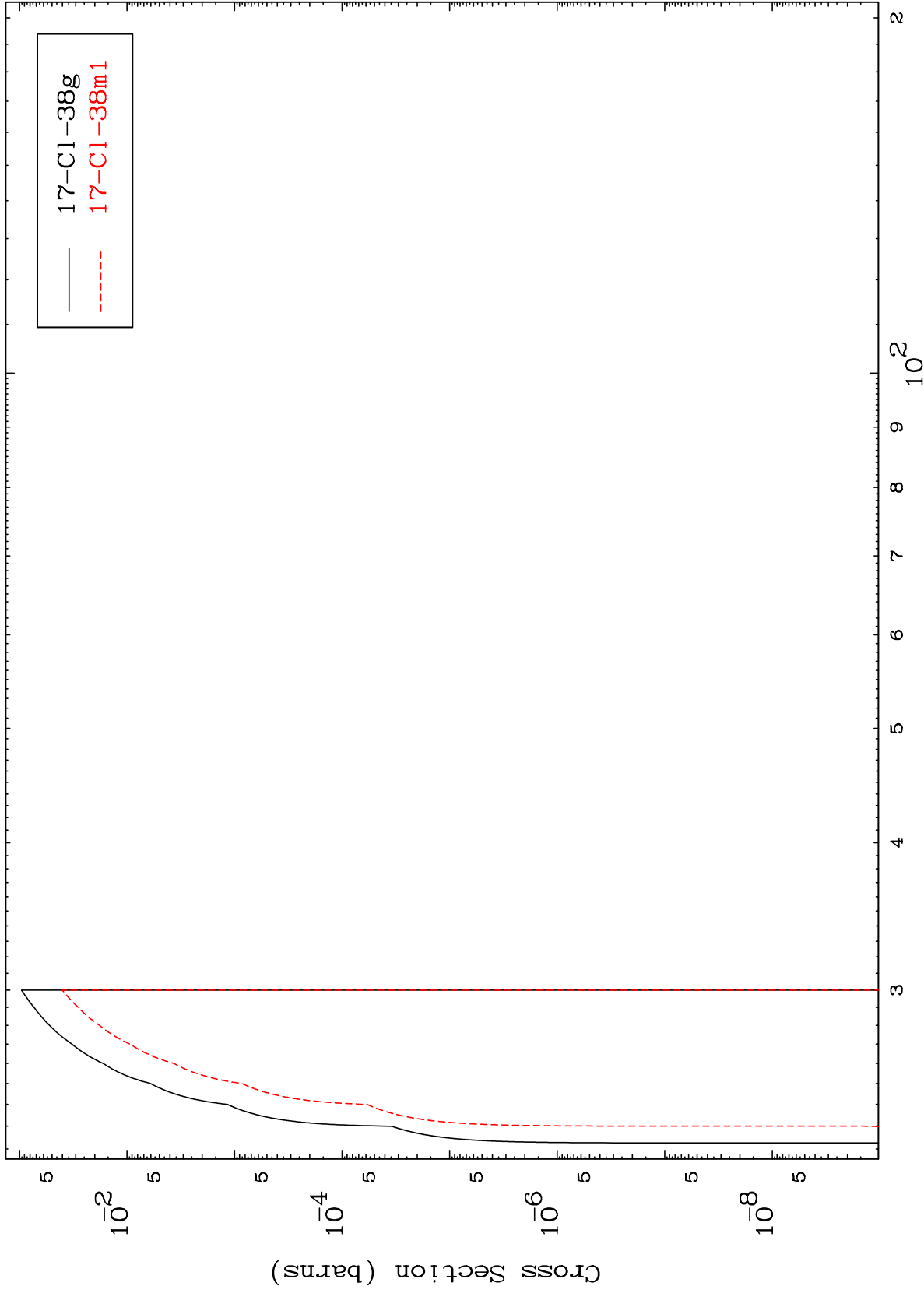


MAT 1743

(n,4n)

17-Cl-41

Radionuclide Production Cross Section



110

Incident Energy (MeV)

17-Cl-41