

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](mailto:redcullen1@comcast.net)

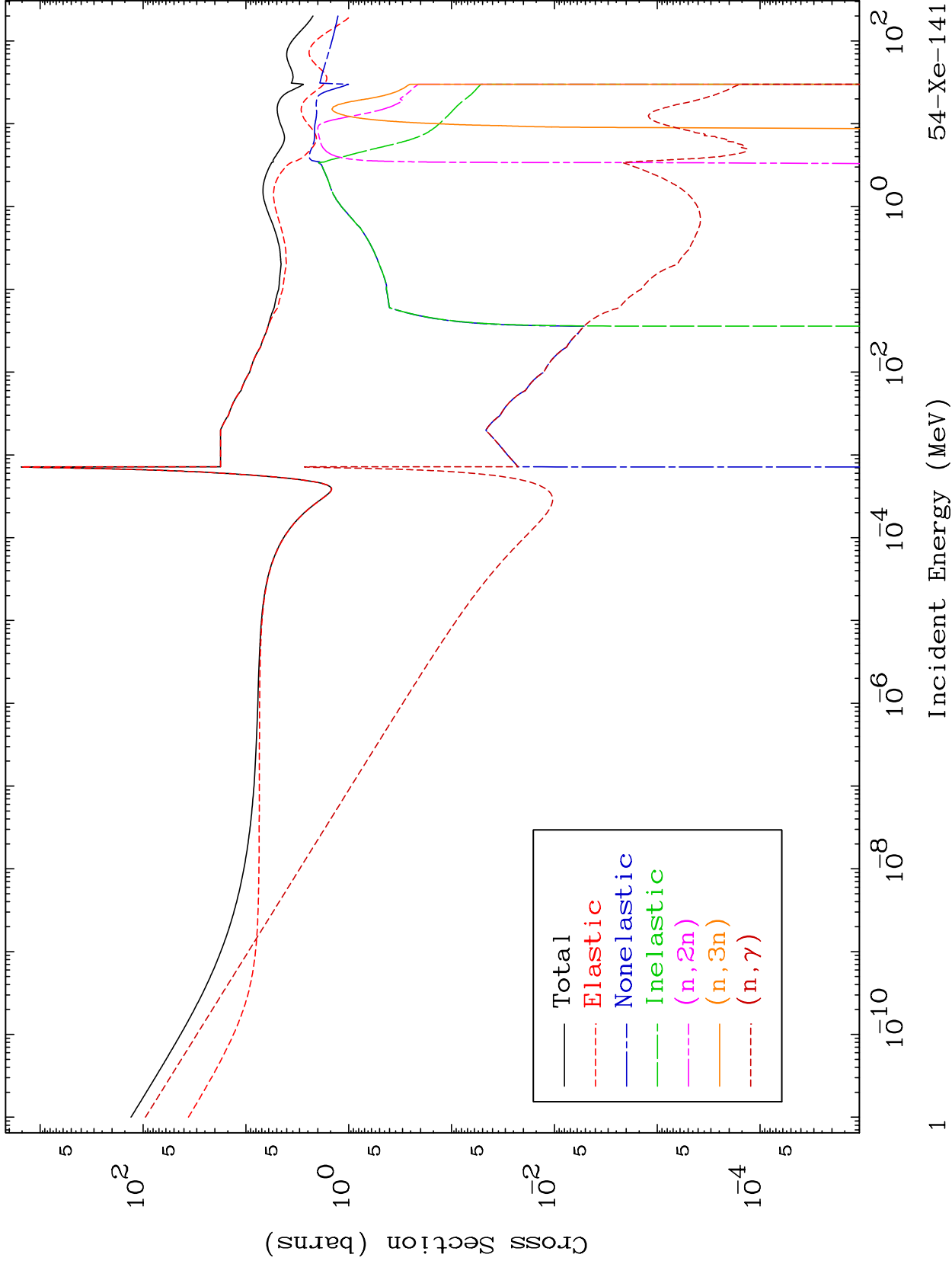
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

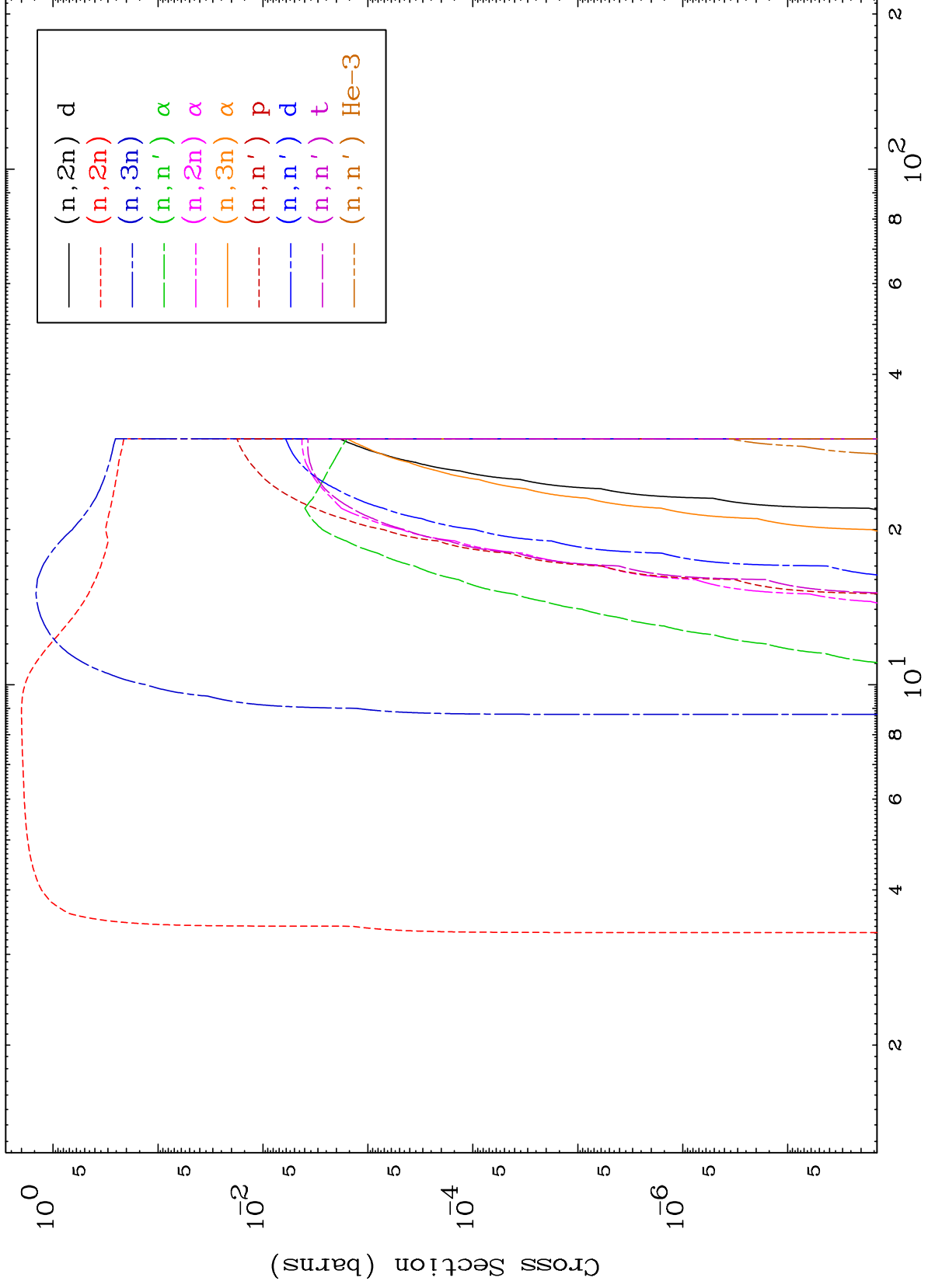
Press Mouse Button to Start

MAT 5476

Neutron Major  
293 Kelvin Cross Sections

54-Xe-141

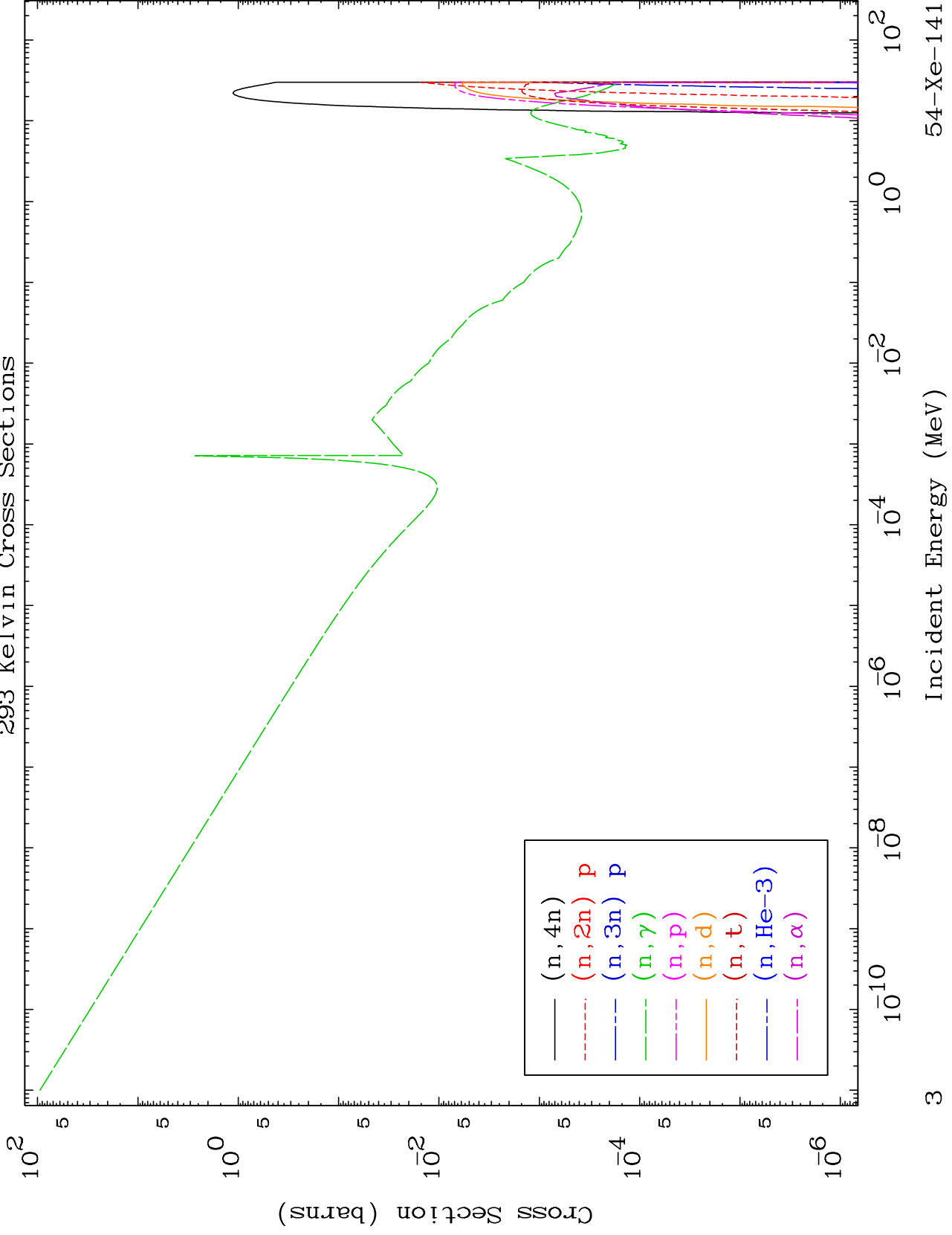


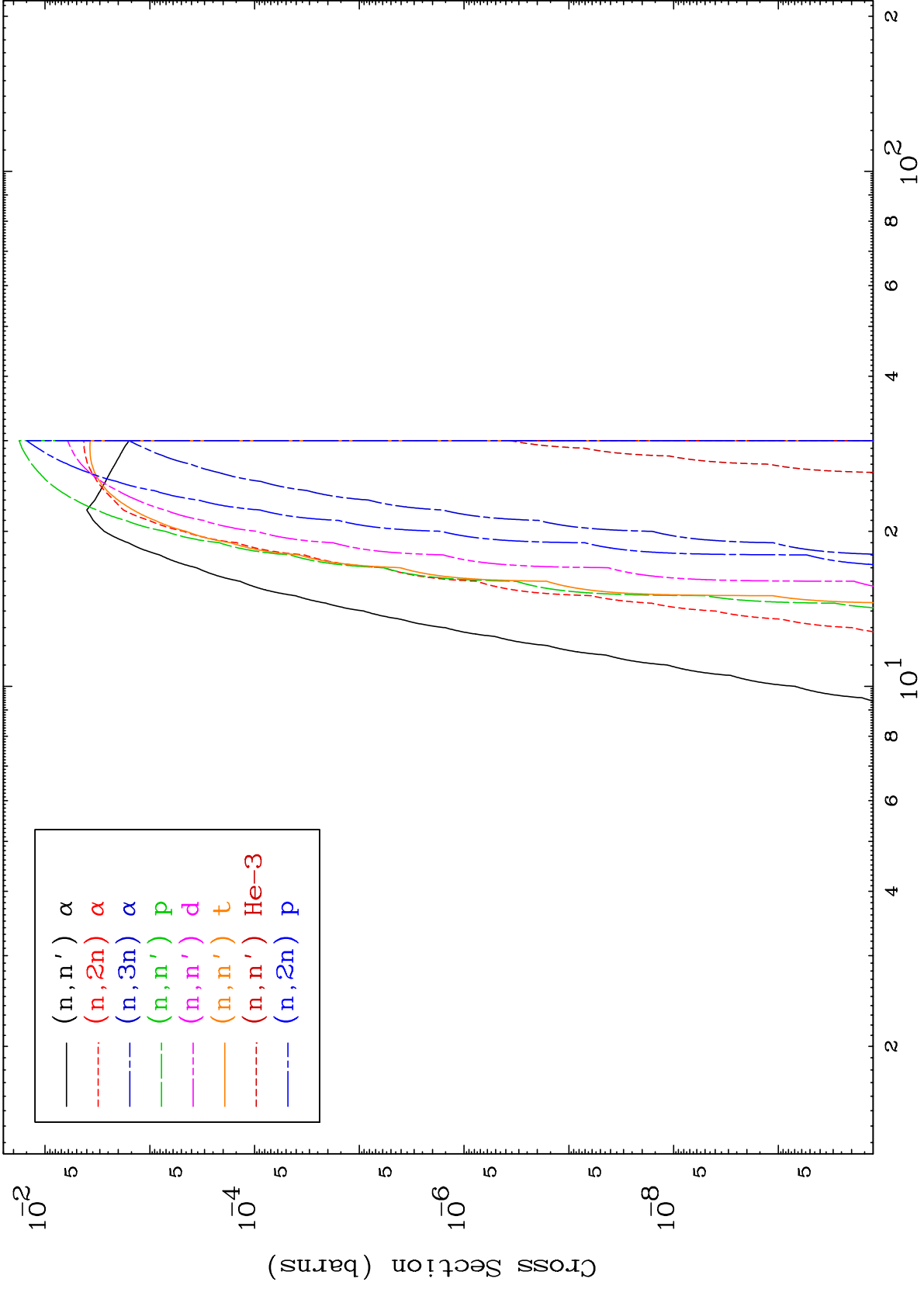


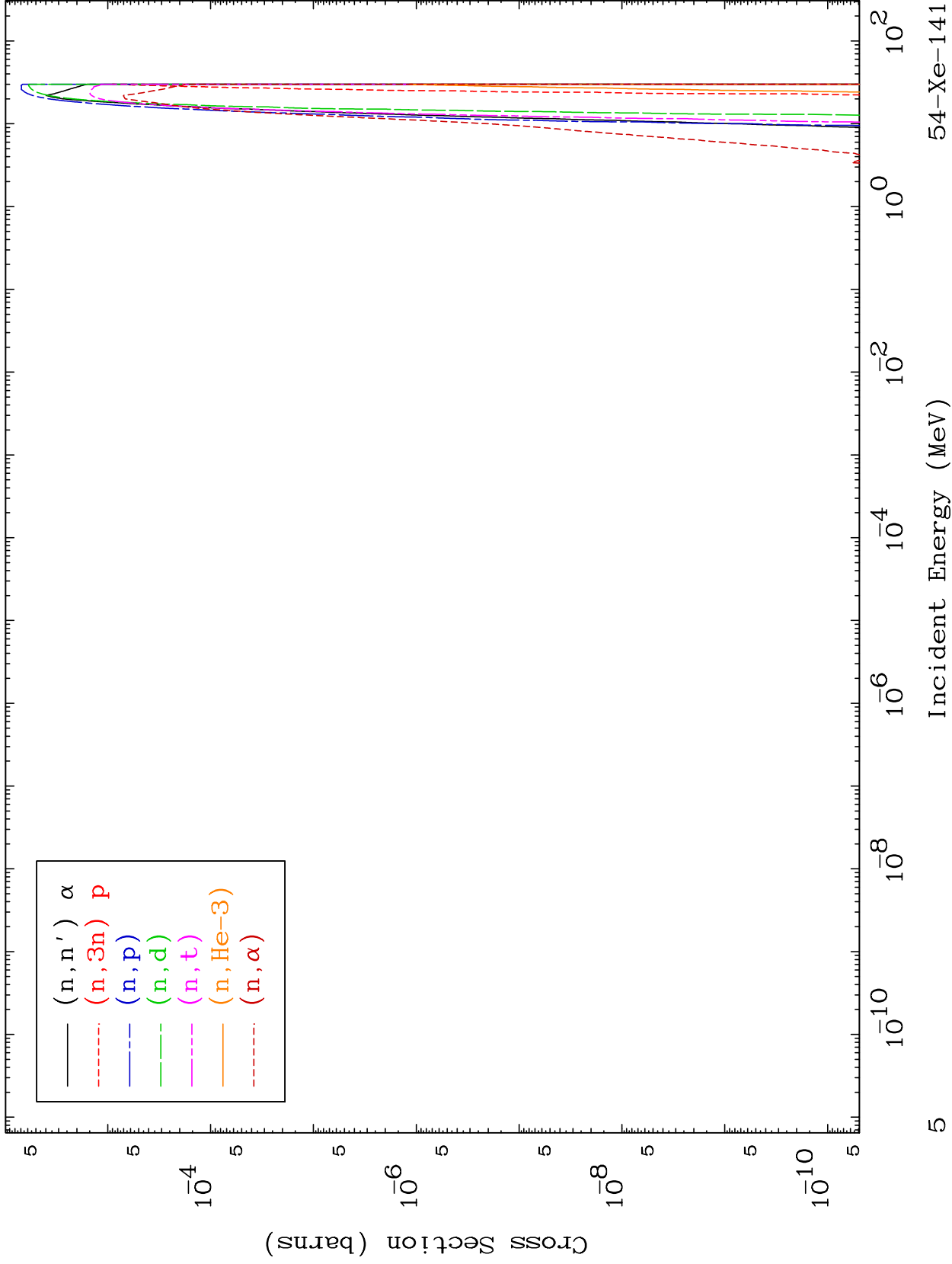
MAT 5476

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-141





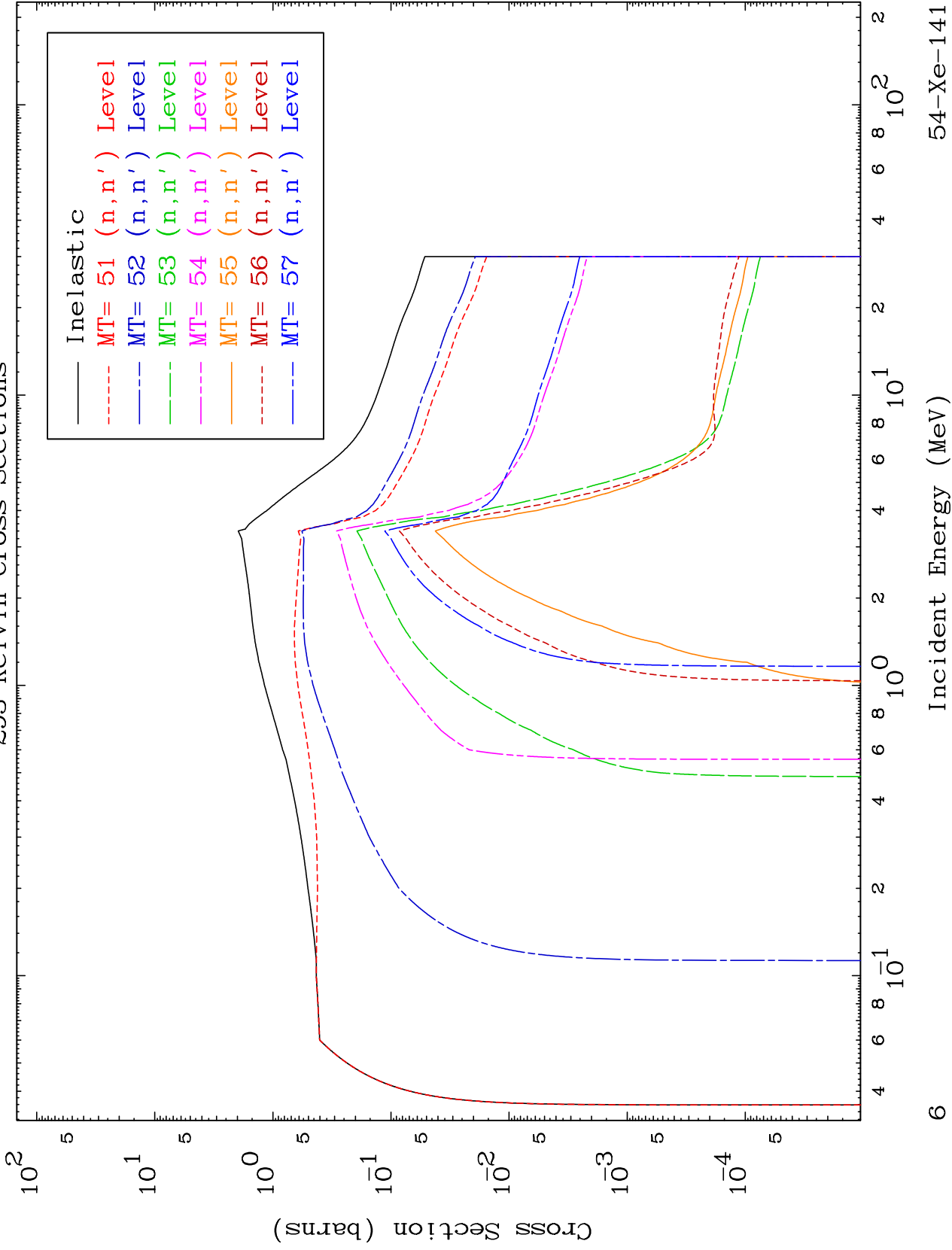


MAT 5476

(n,n') Levels

54-Xe-141

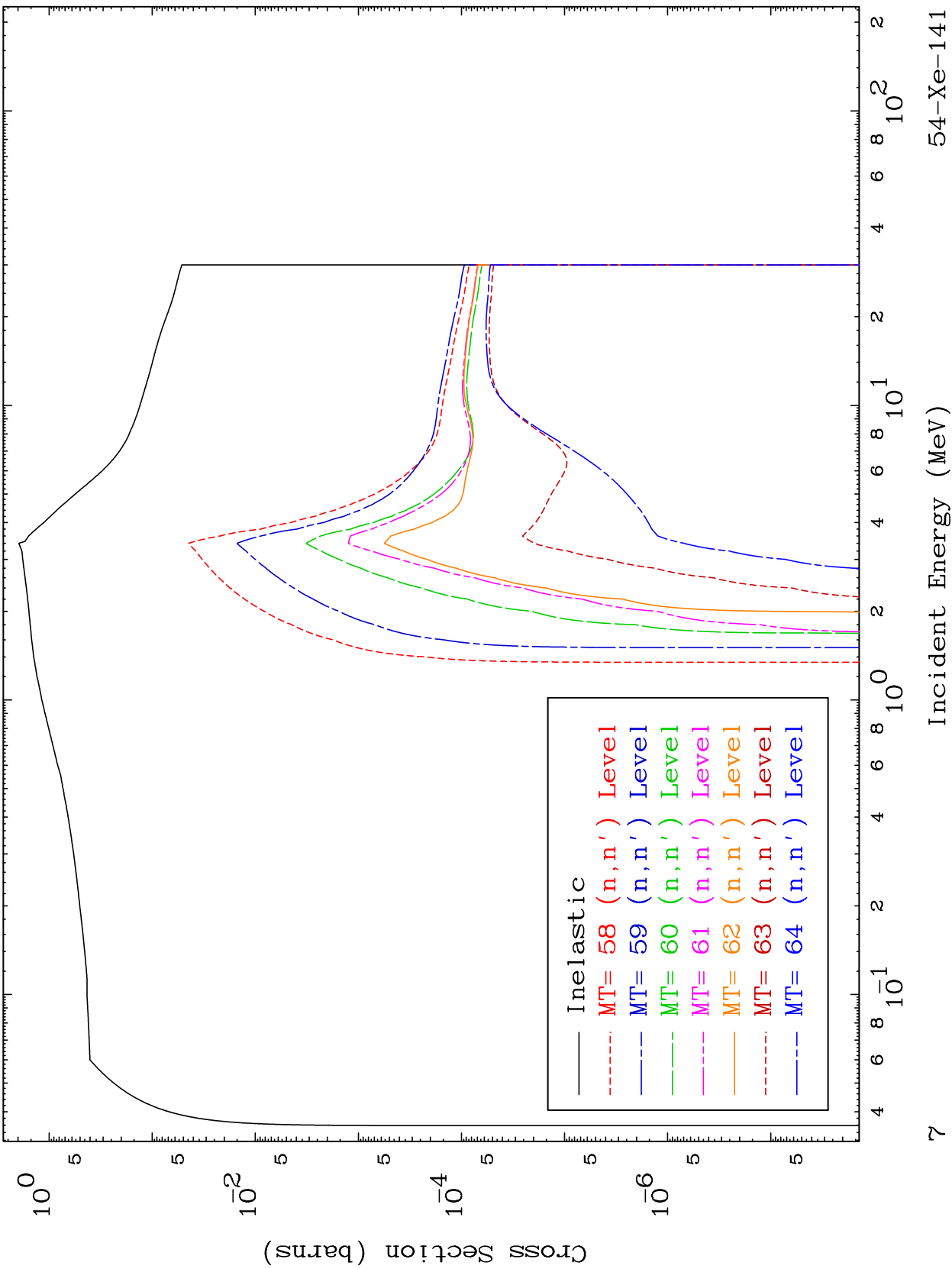
293 Kelvin Cross Sections



MAT 5476

54-Xe-141

(n,n') Levels  
293 Kelvin Cross Sections



54-Xe-141

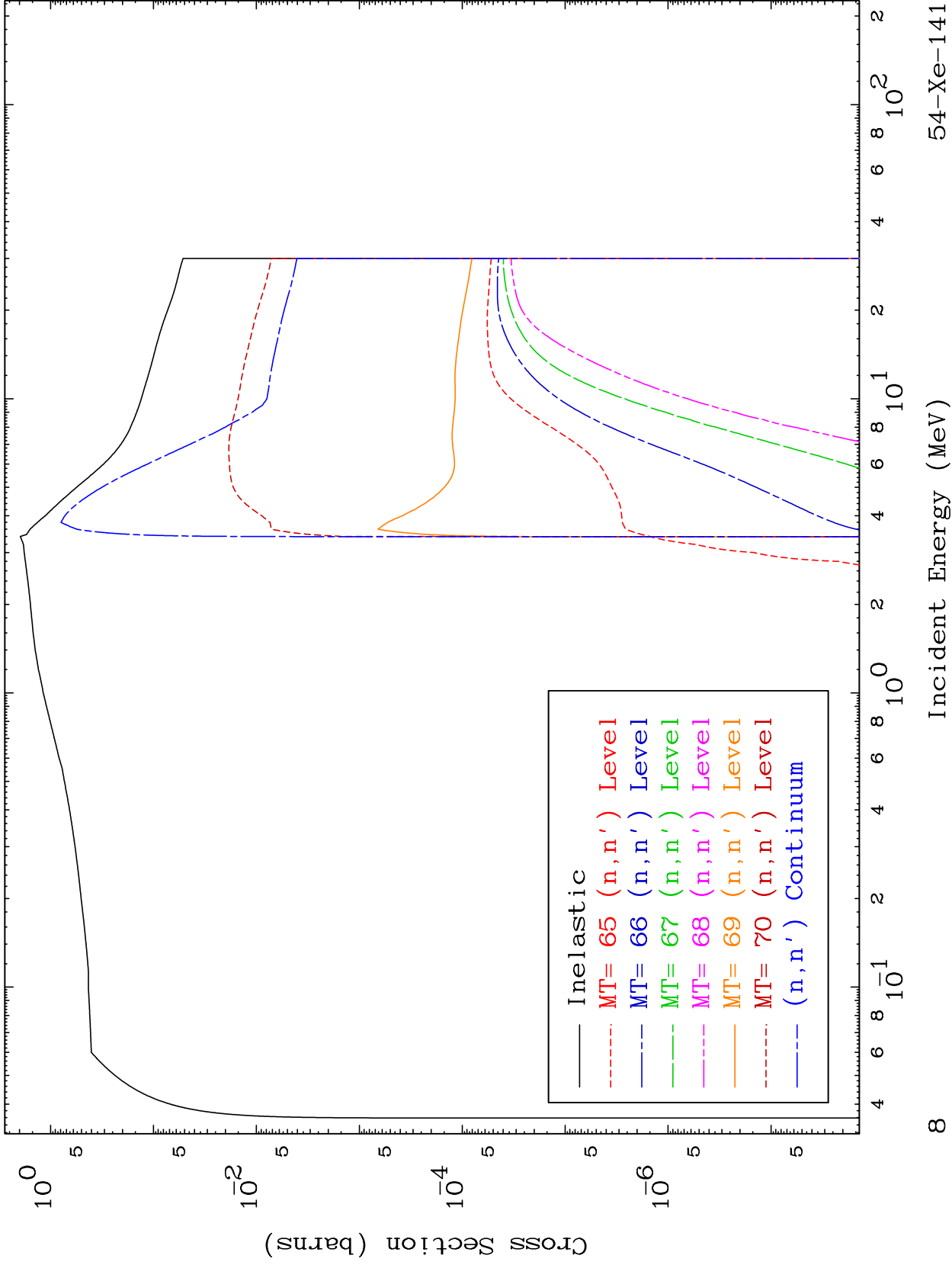
Incident Energy (MeV)



MAT 5476

(n,n') Levels  
293 Kelvin Cross Sections

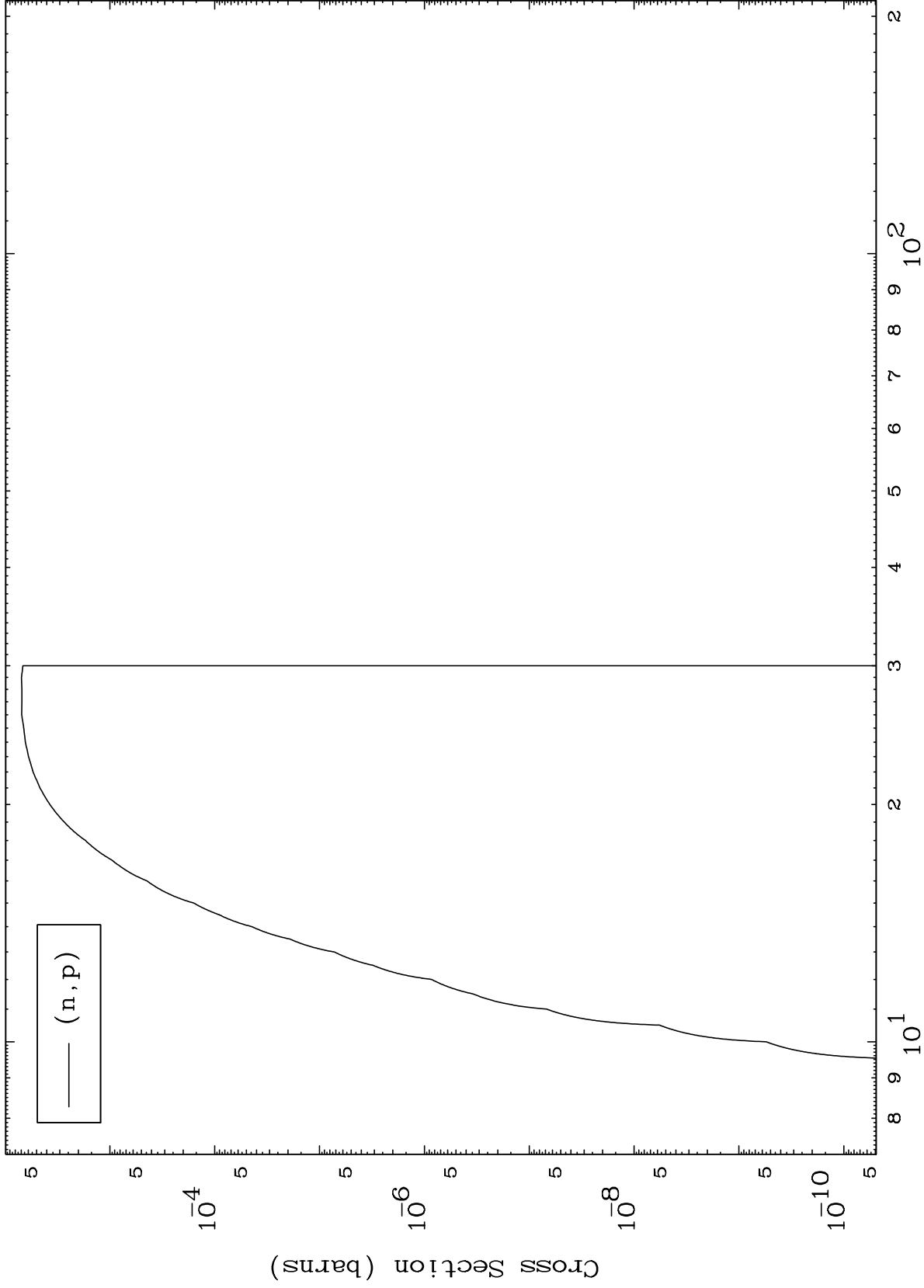
54-Xe-141



MAT 5476

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-141



9

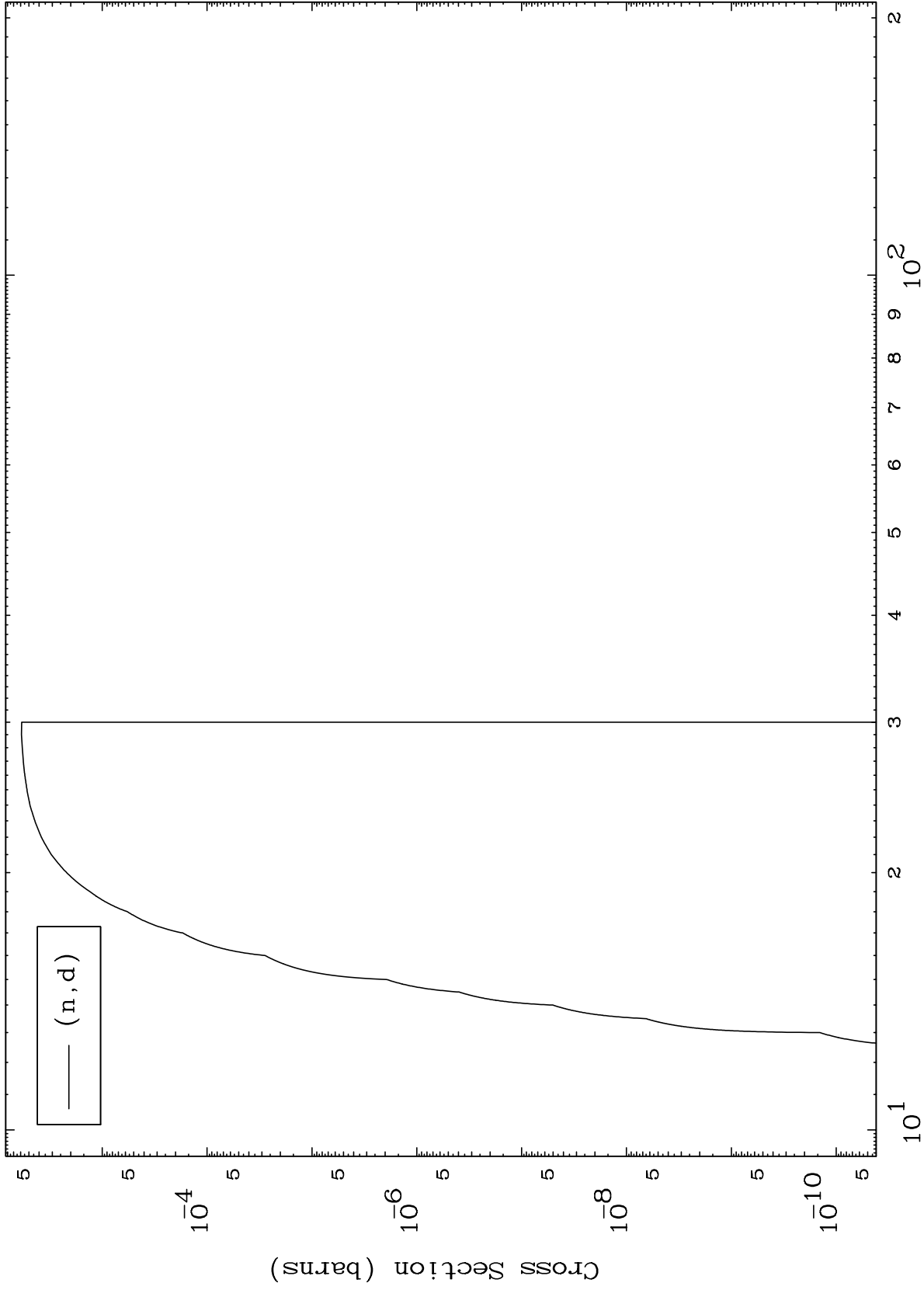
Incident Energy (MeV)

54-Xe-141

MAT 5476

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-141



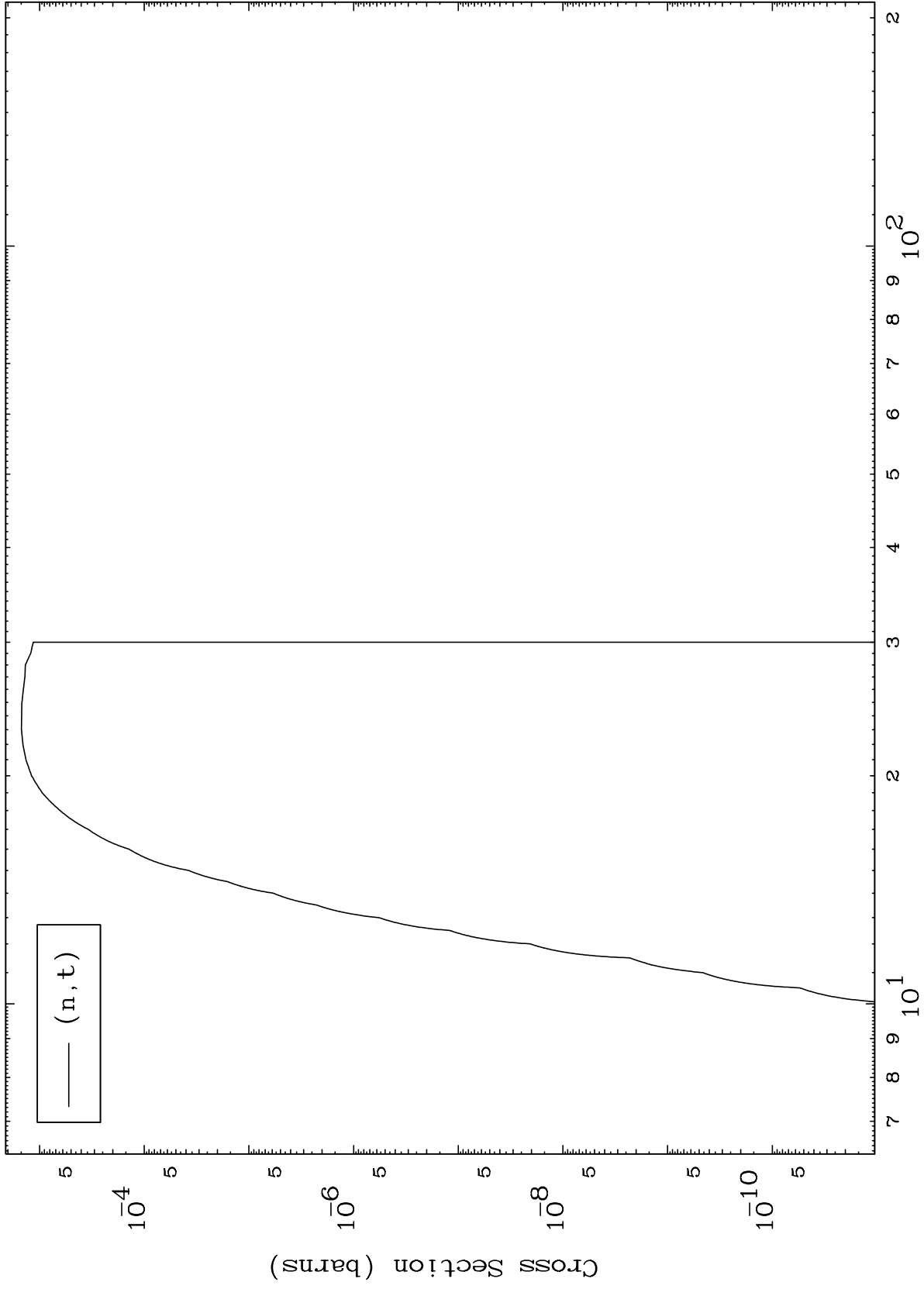
Incident Energy (MeV)

54-Xe-141

MAT 5476

54-Xe-141

(n,t) Levels  
293 Kelvin Cross Sections



11

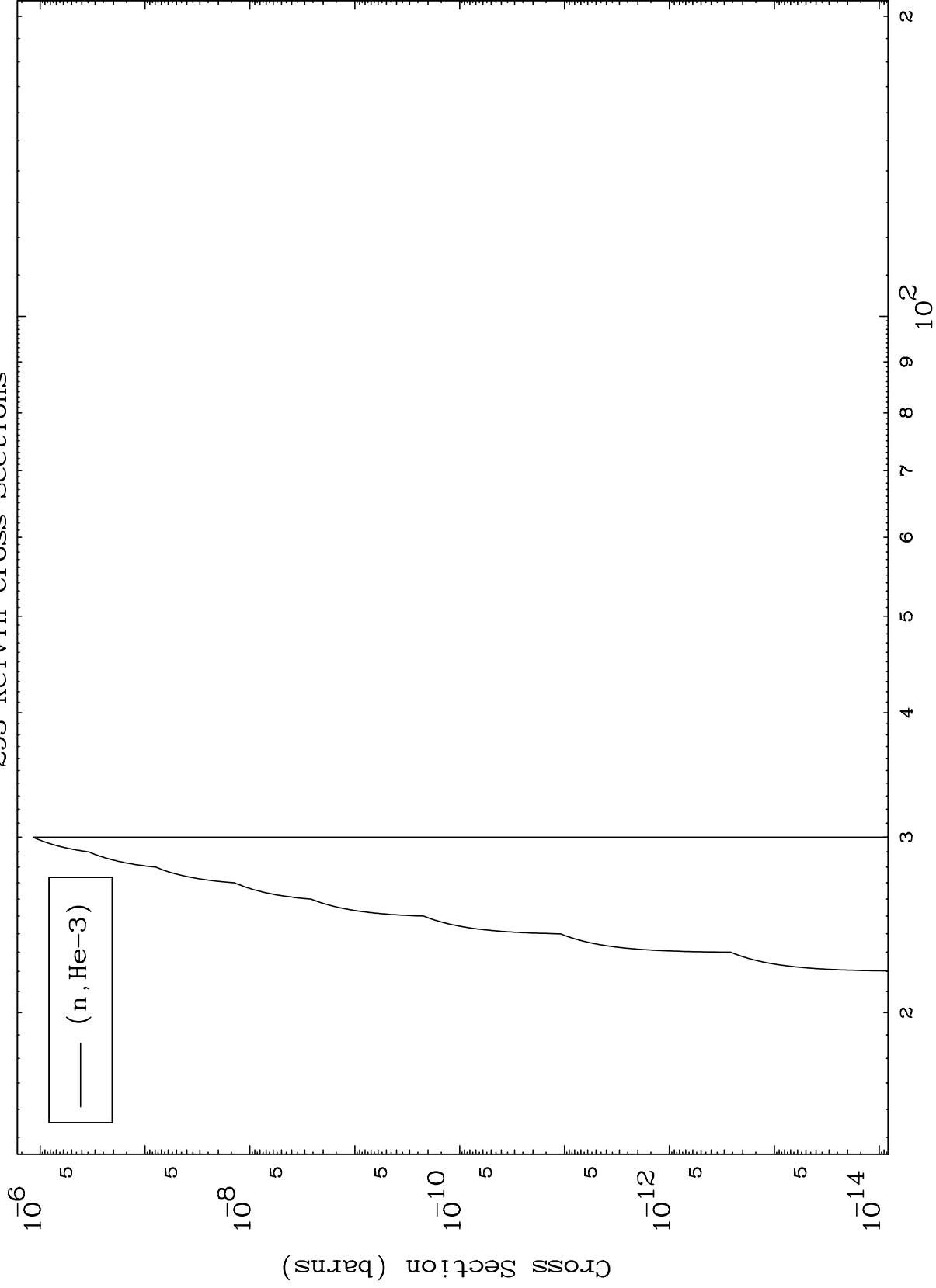
54-Xe-141

Incident Energy (MeV)

MAT 5476

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-141



12

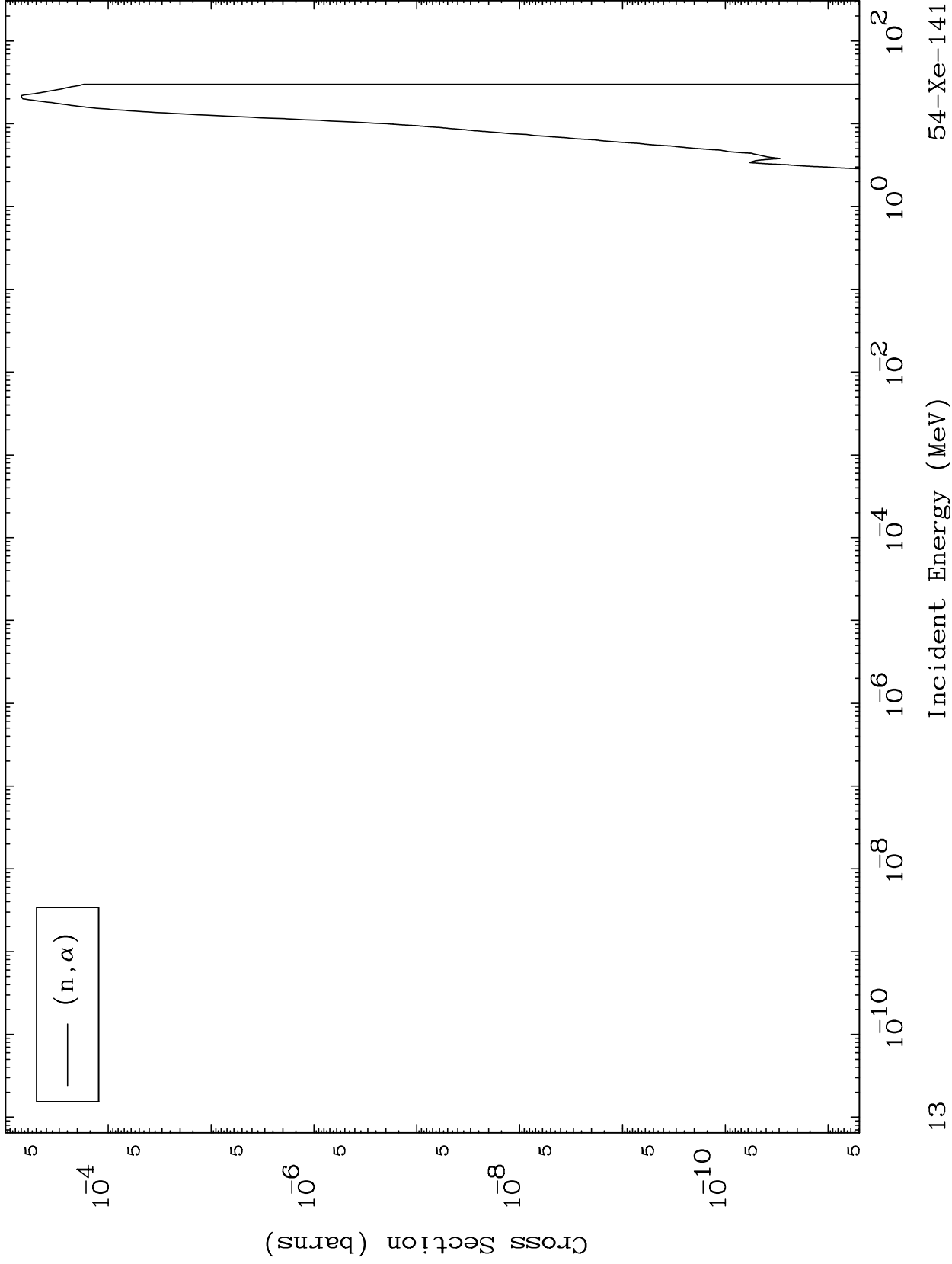
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



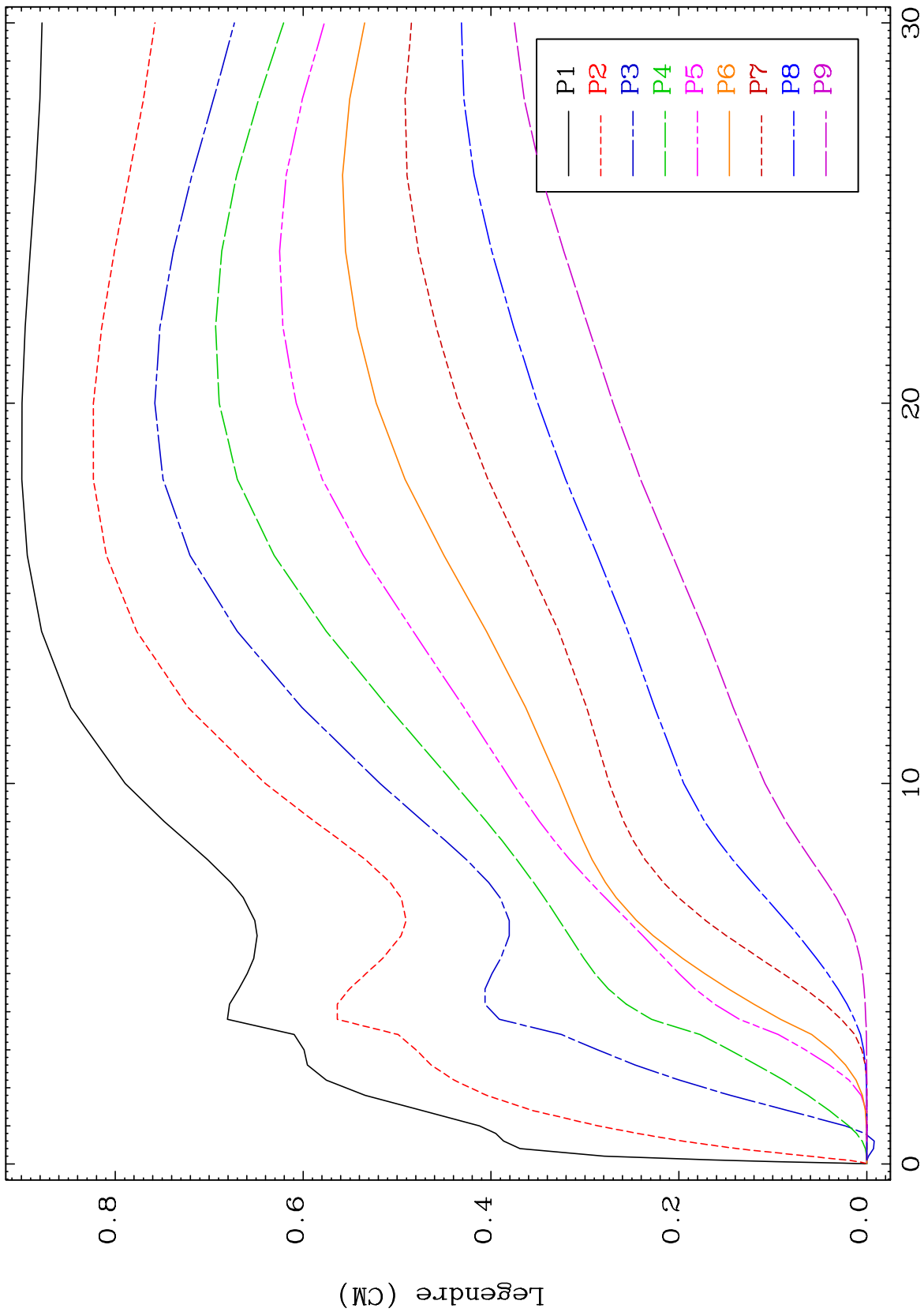
13

54-Xe-141

MAT 5476

54-Xe-141

Elastic Legendre Coefficients



54-Xe-141

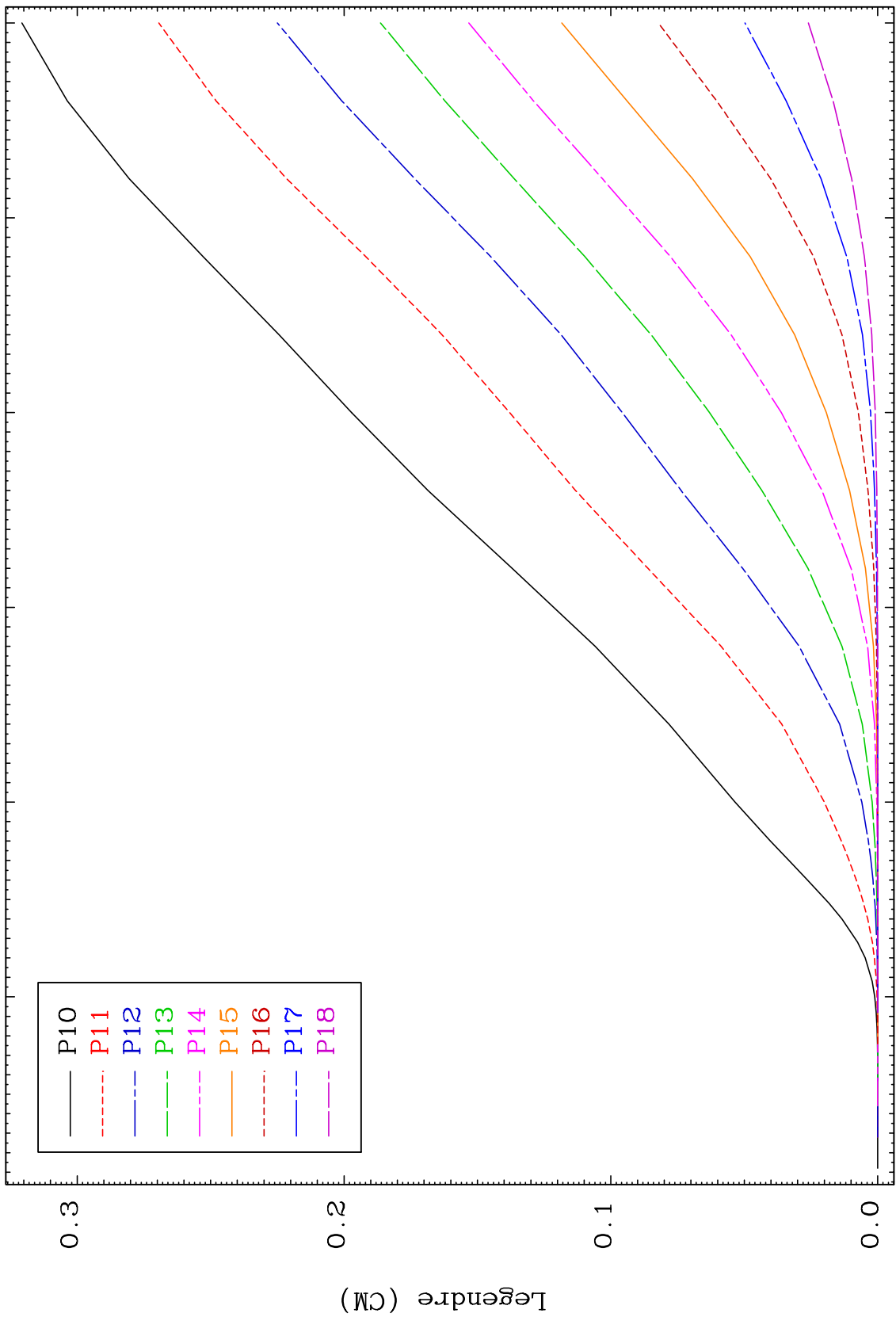
Incident Energy (MeV)

14

MAT 5476

Elastic Legendre Coefficients

54-Xe-141



15

Incident Energy (MeV)

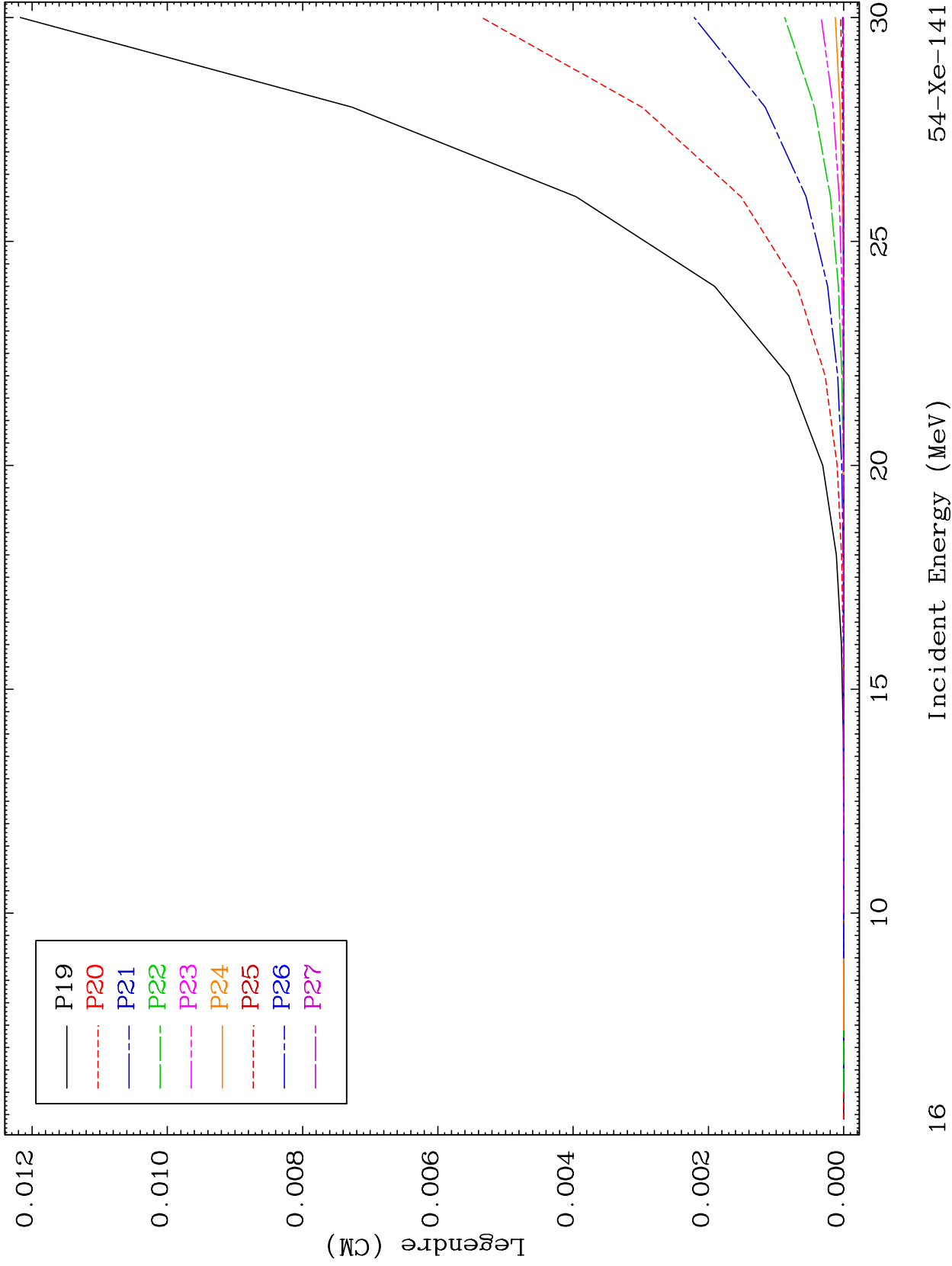
54-Xe-141



MAT 5476

### Elastic Legendre Coefficients

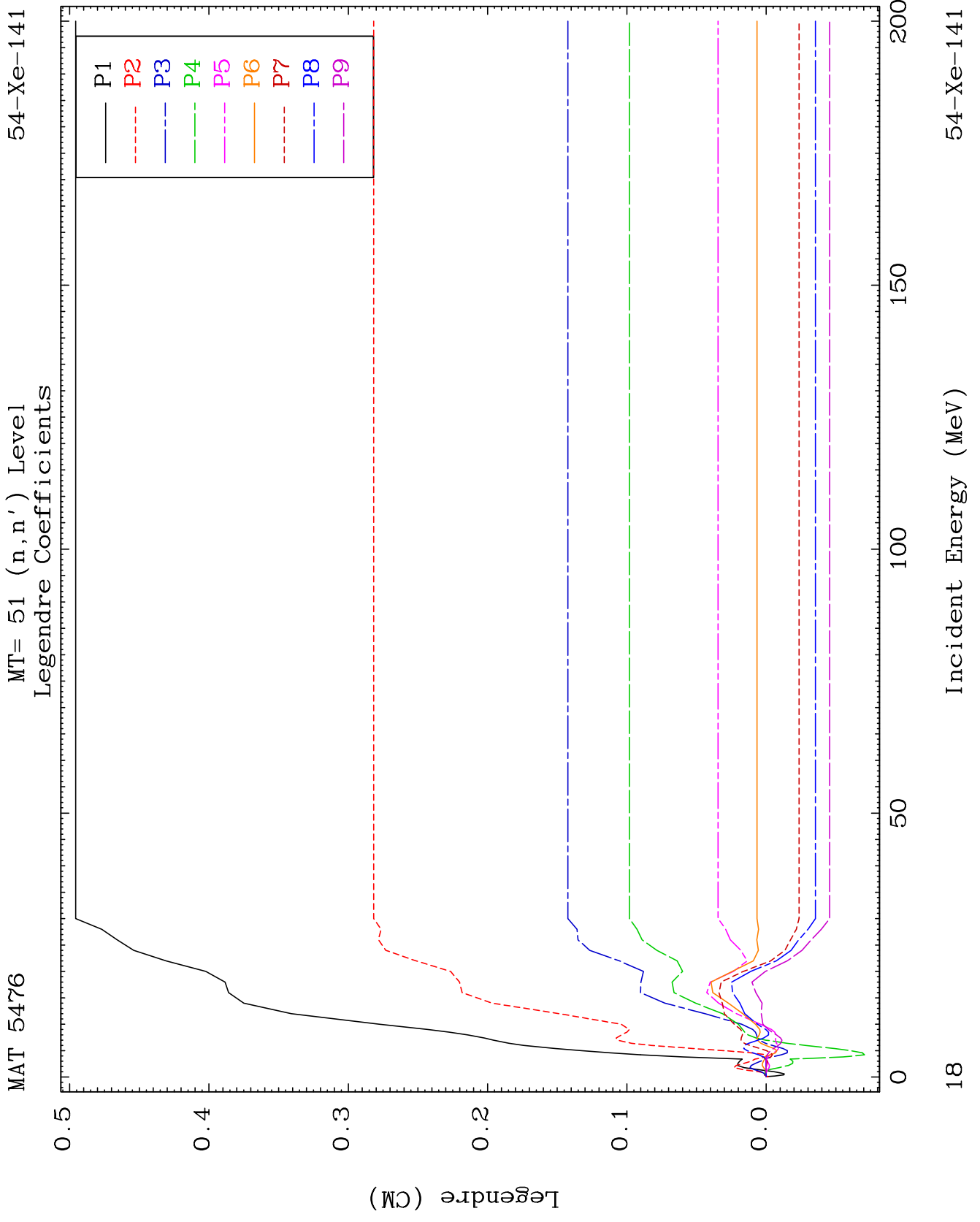
54-Xe-141

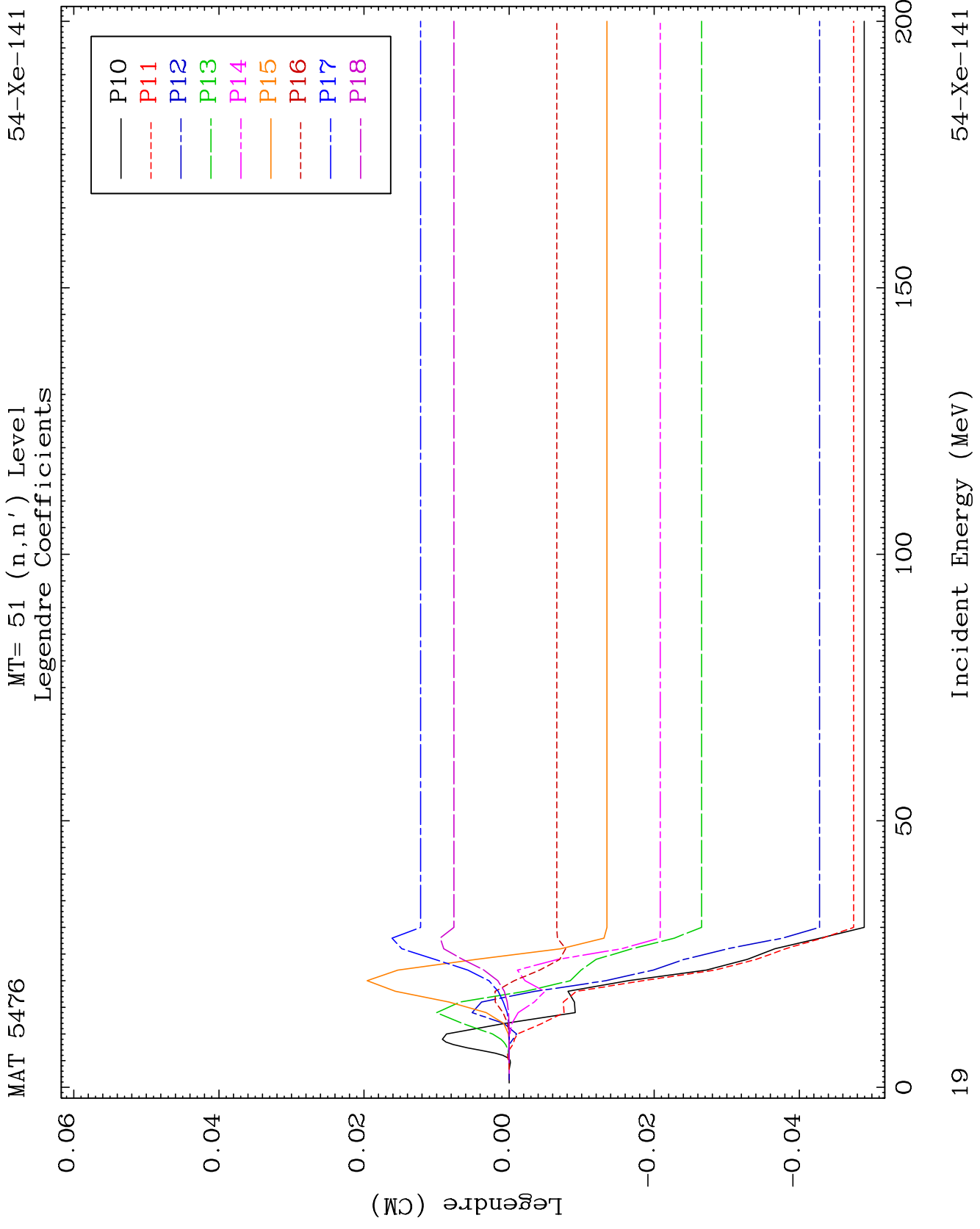


16

54-Xe-141



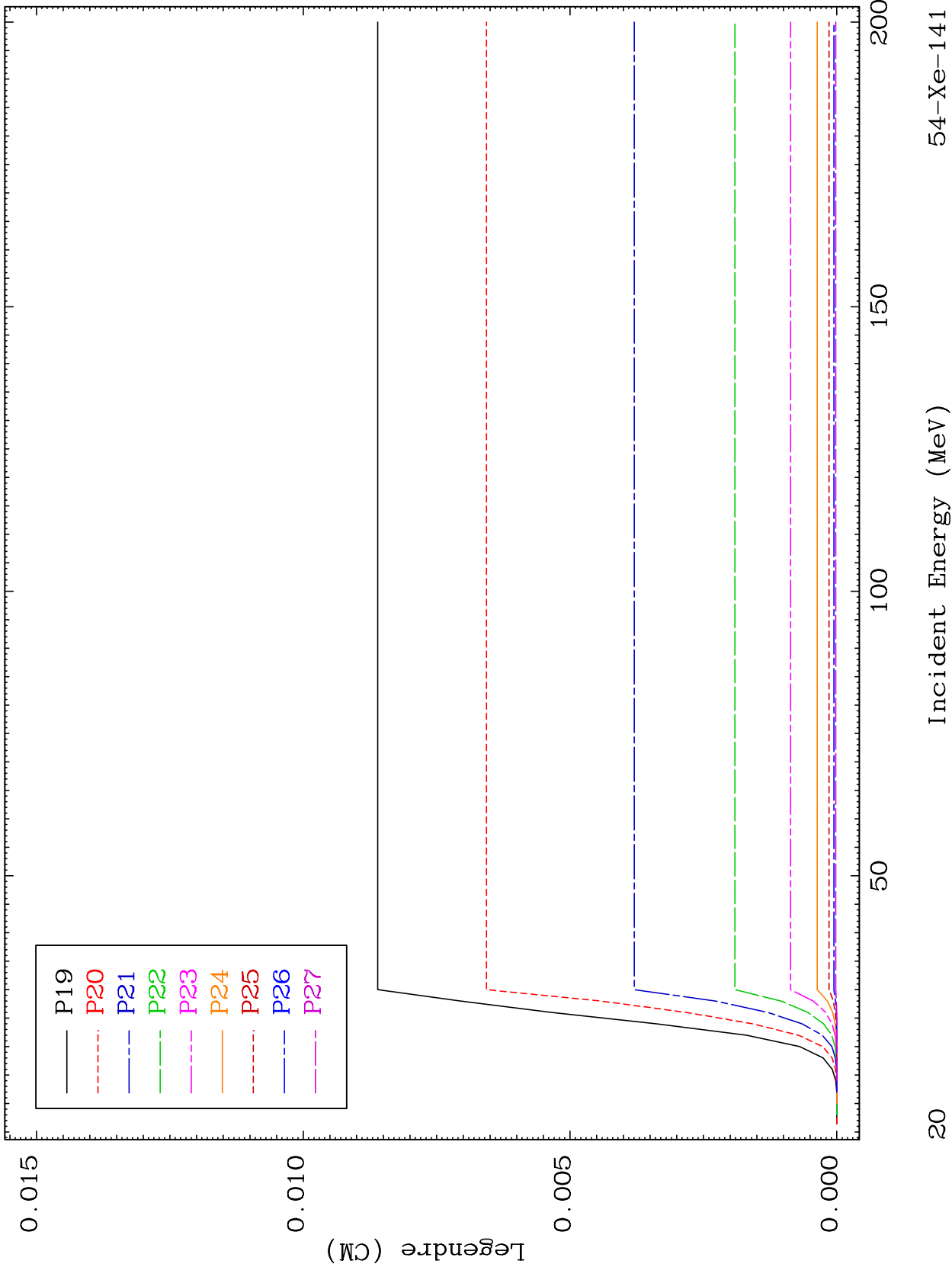




MAT 5476

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

54-Xe-141



54-Xe-141

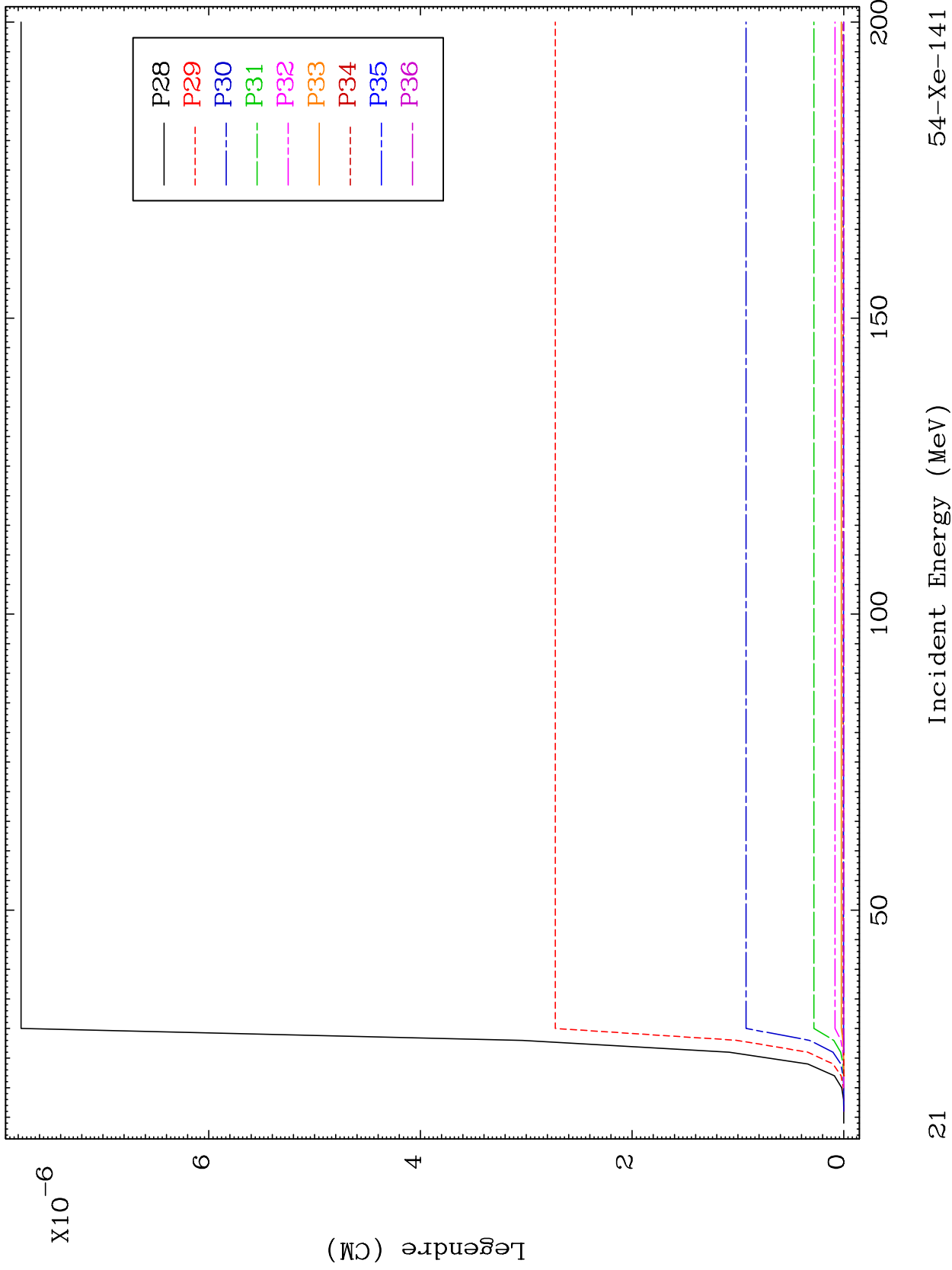
Incident Energy (MeV)

20

MAT 5476

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

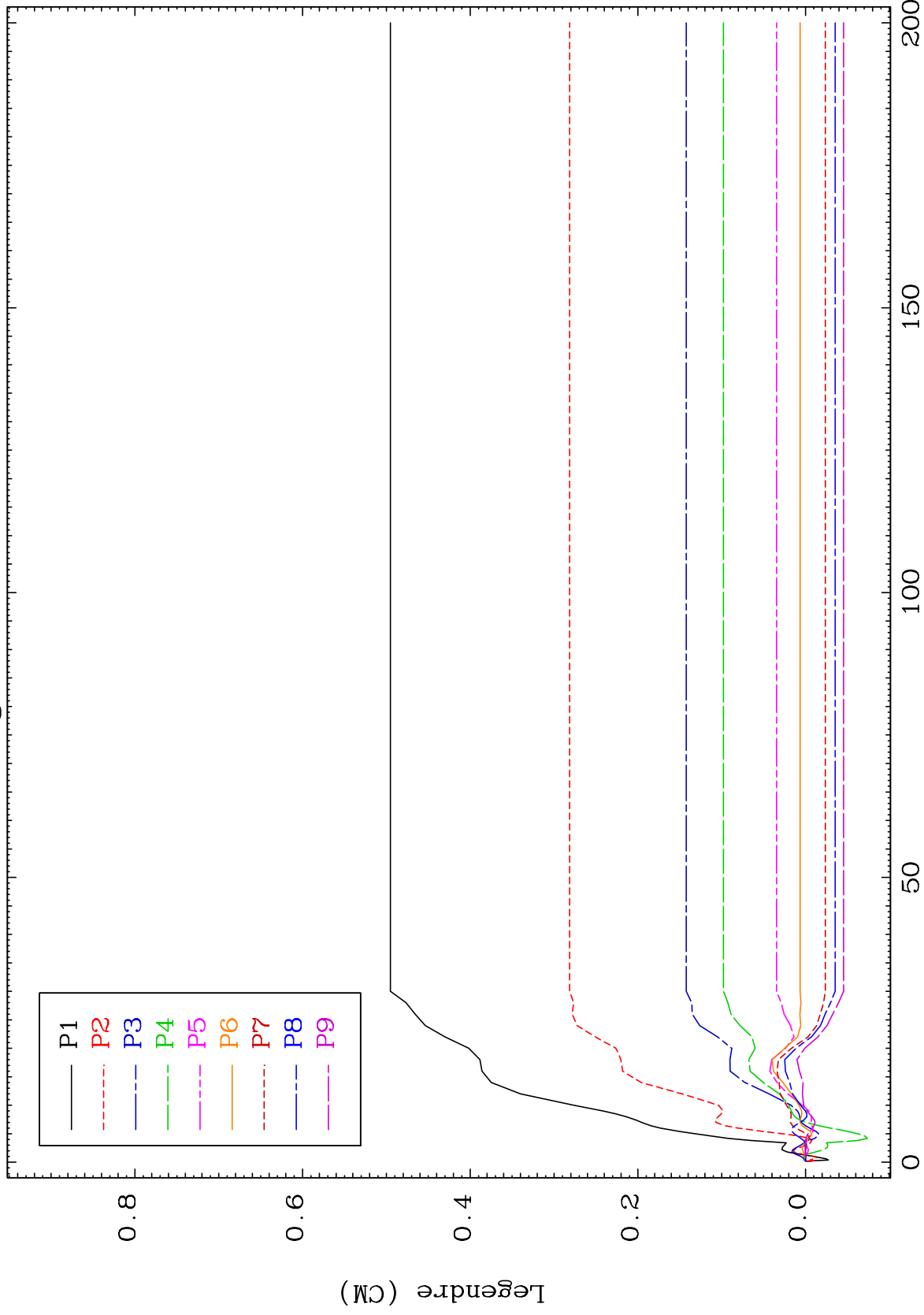
54-Xe-141



MAT 5476

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

54-Xe-141



22

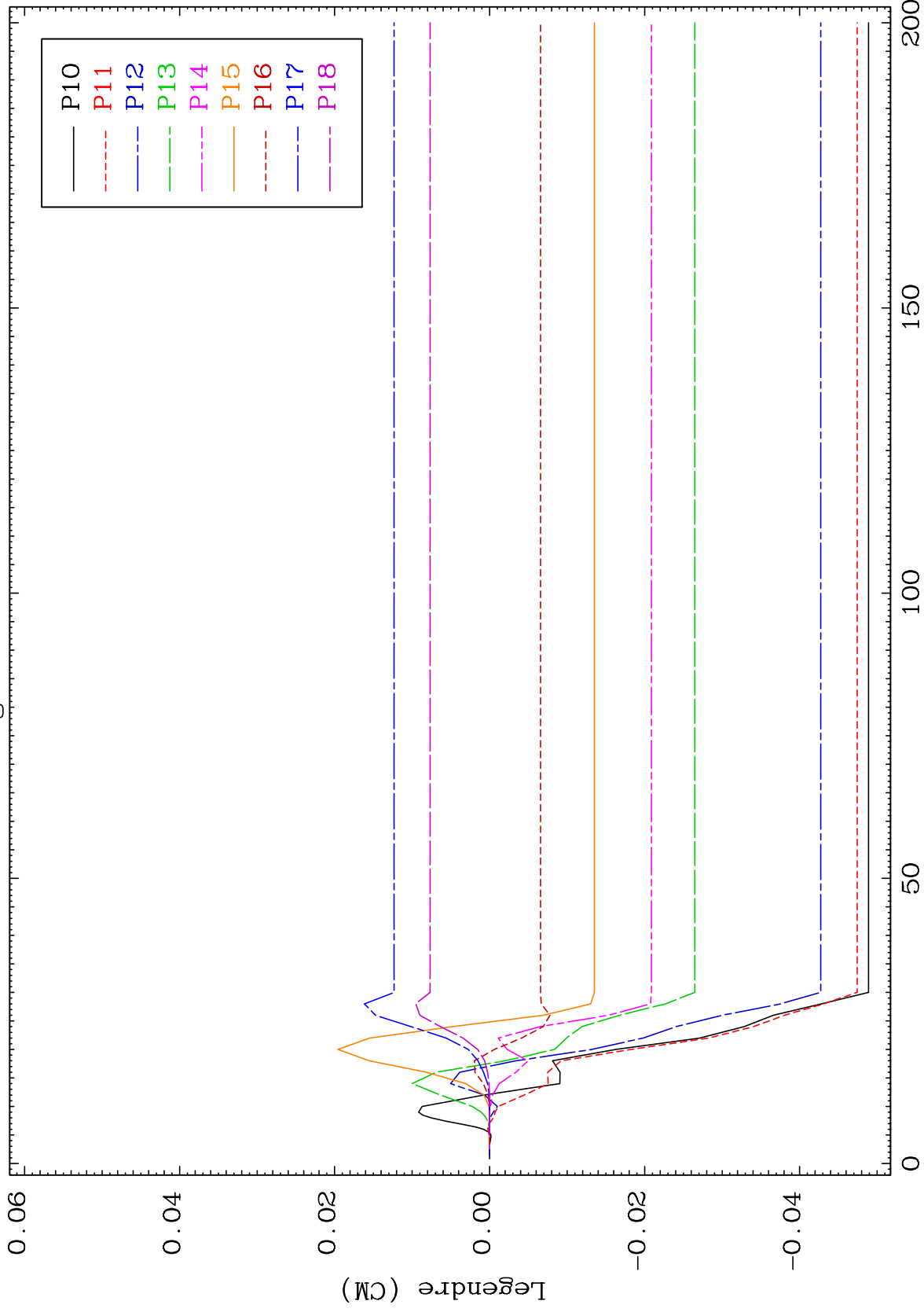
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



23

Incident Energy (MeV)

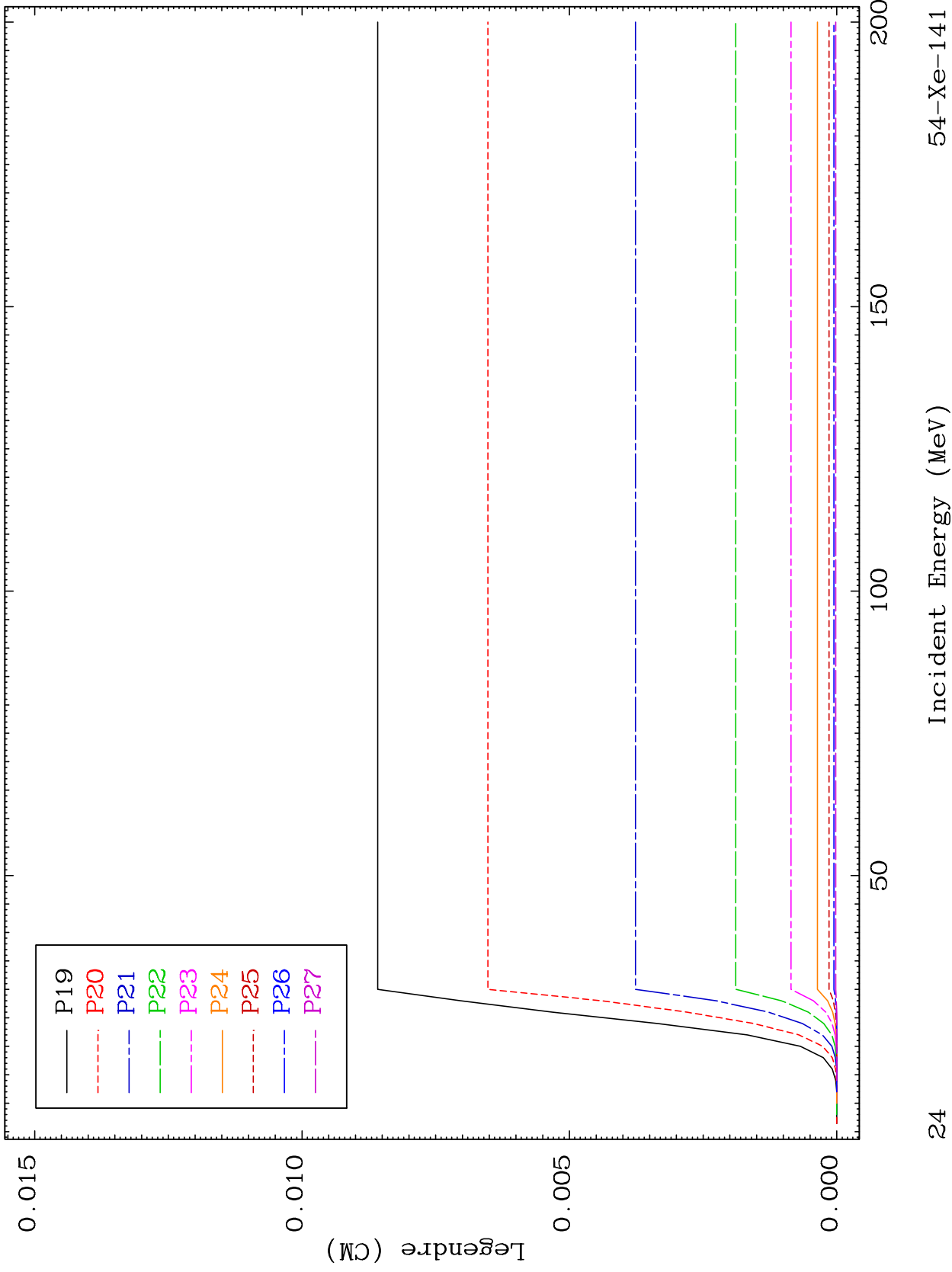
54-Xe-141



MAT 5476

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

54-Xe-141



24

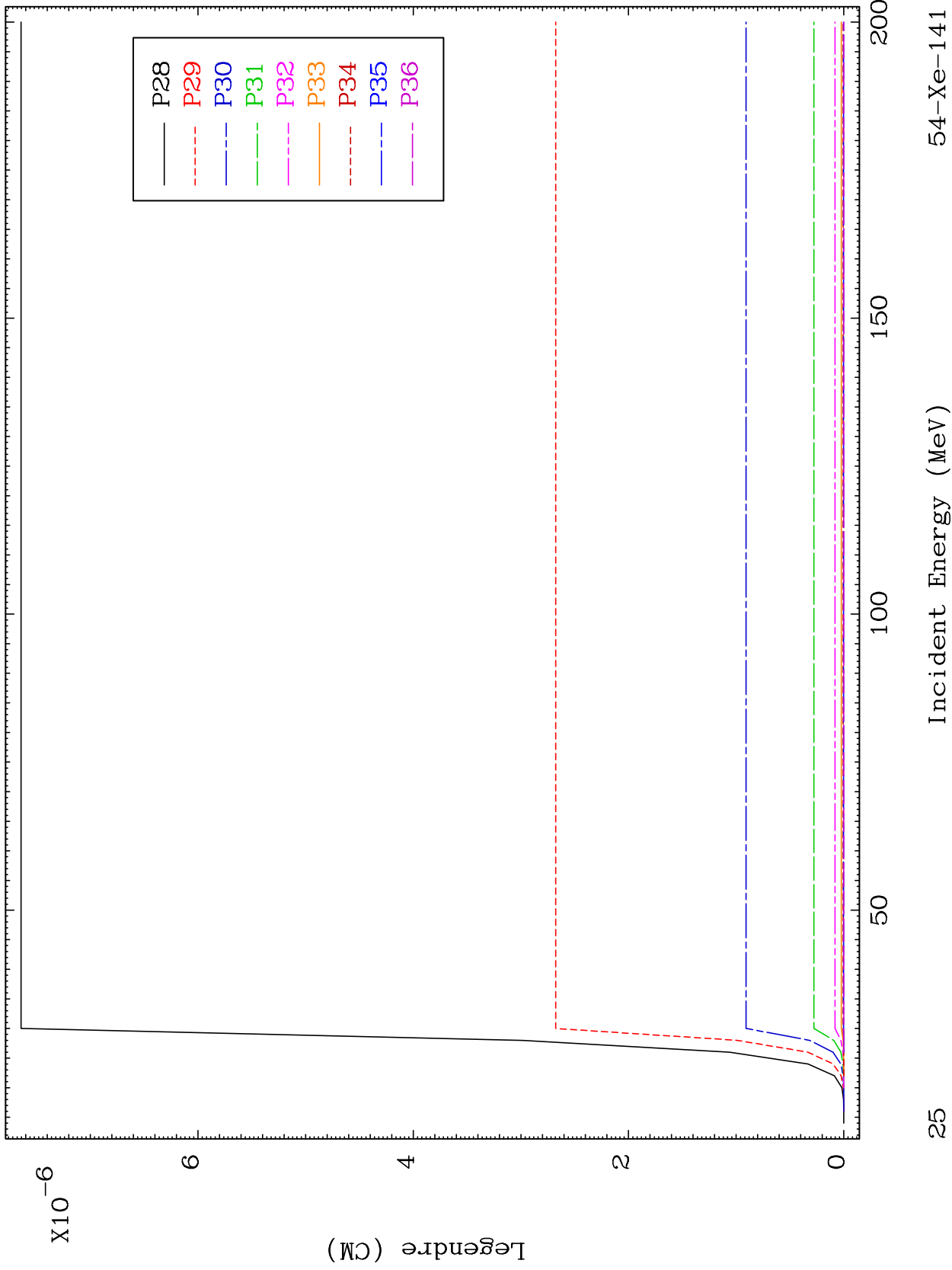
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

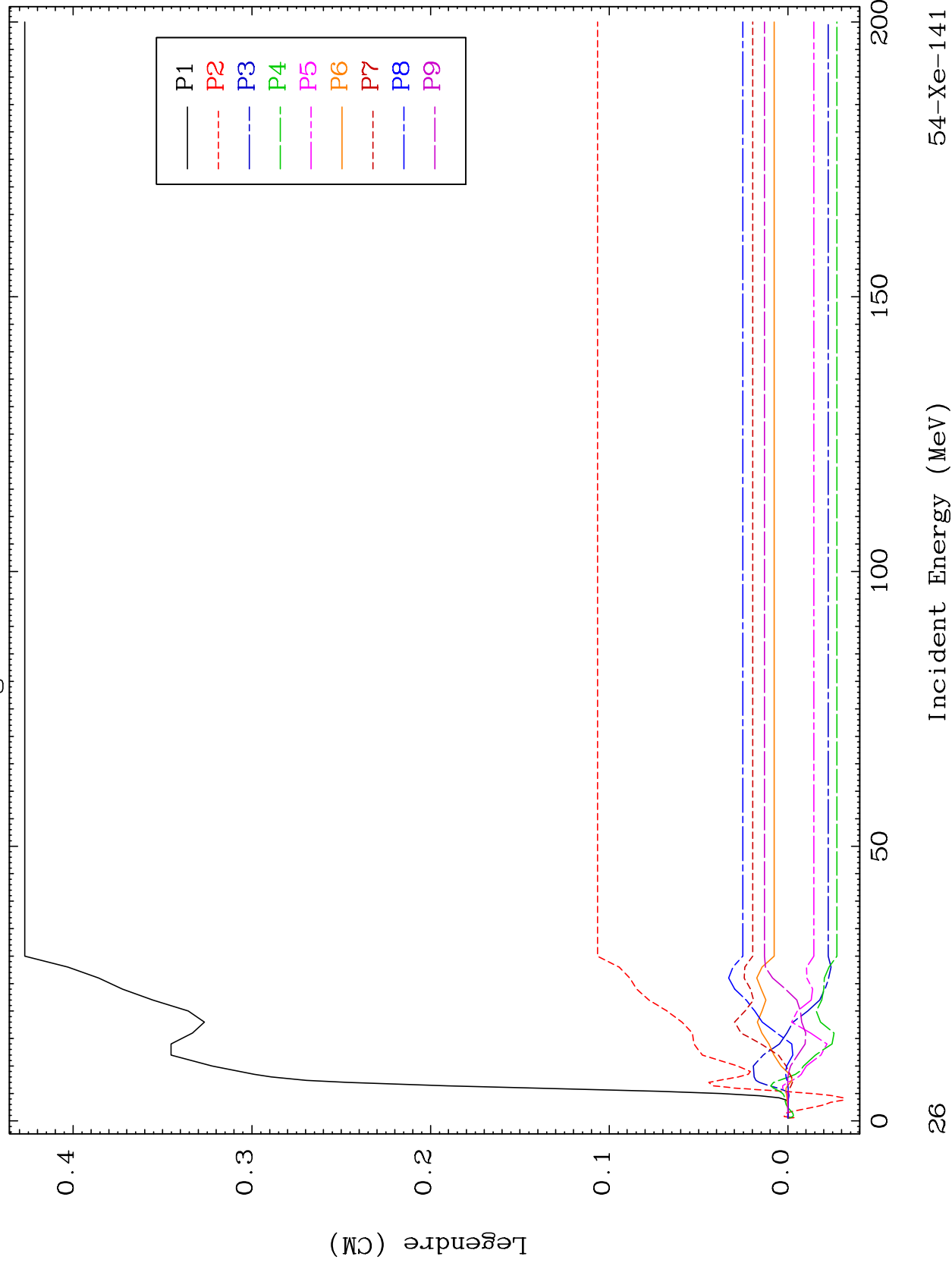
54-Xe-141



MAT 5476

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

54-Xe-141

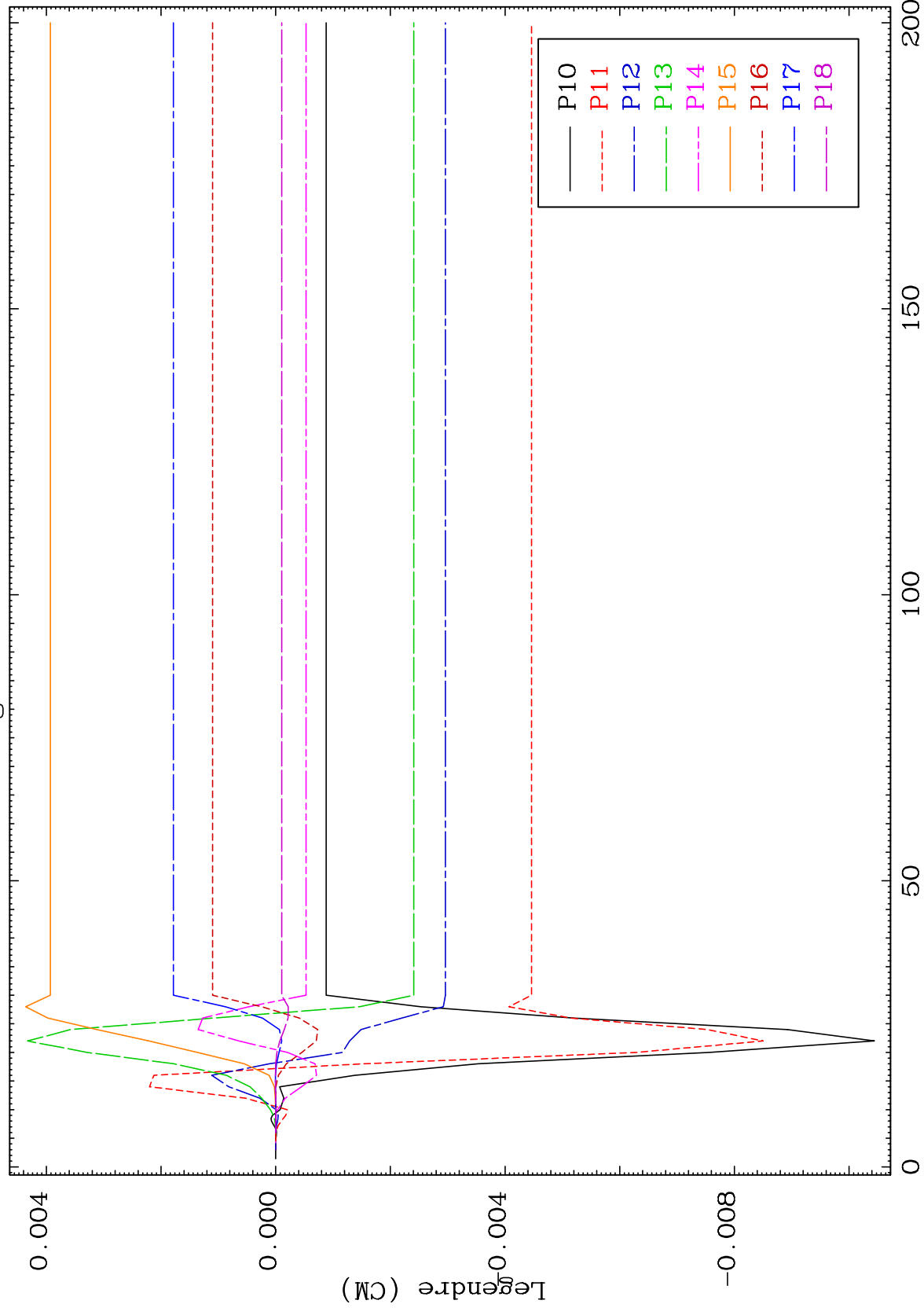


26

MAT 5476

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

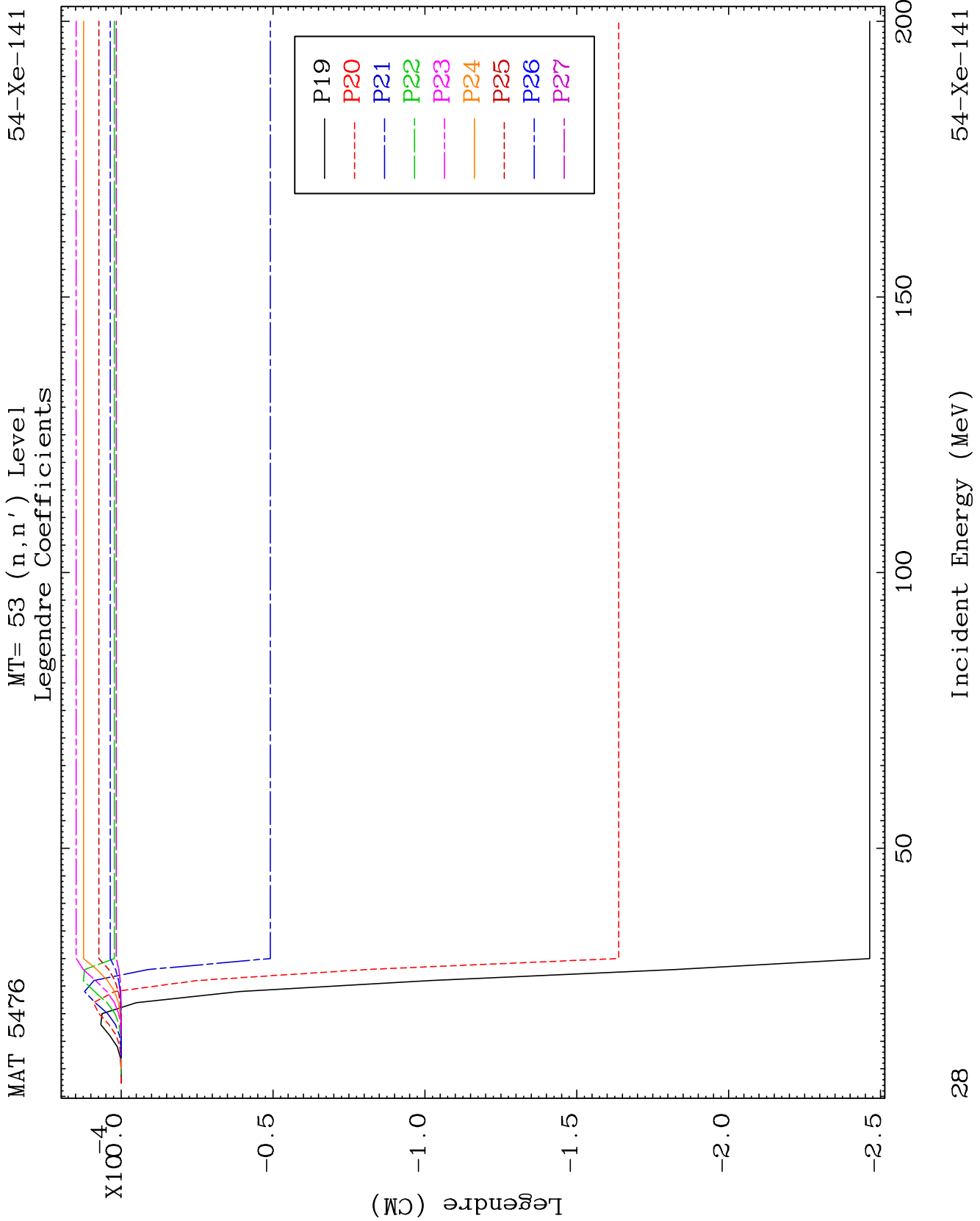
54-Xe-141



27

Incident Energy (MeV)

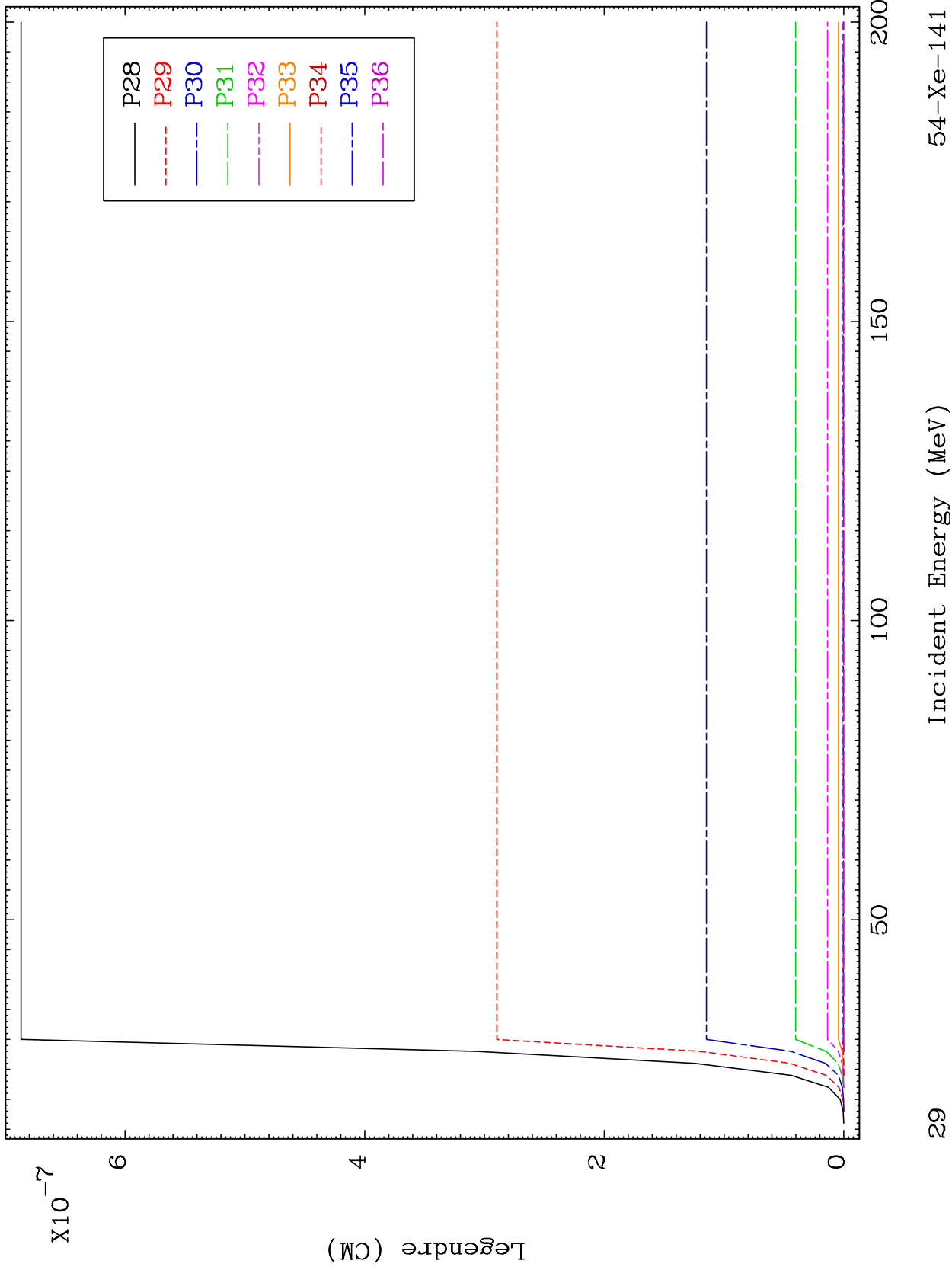
54-Xe-141



MAT 5476

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

54-Xe-141



29

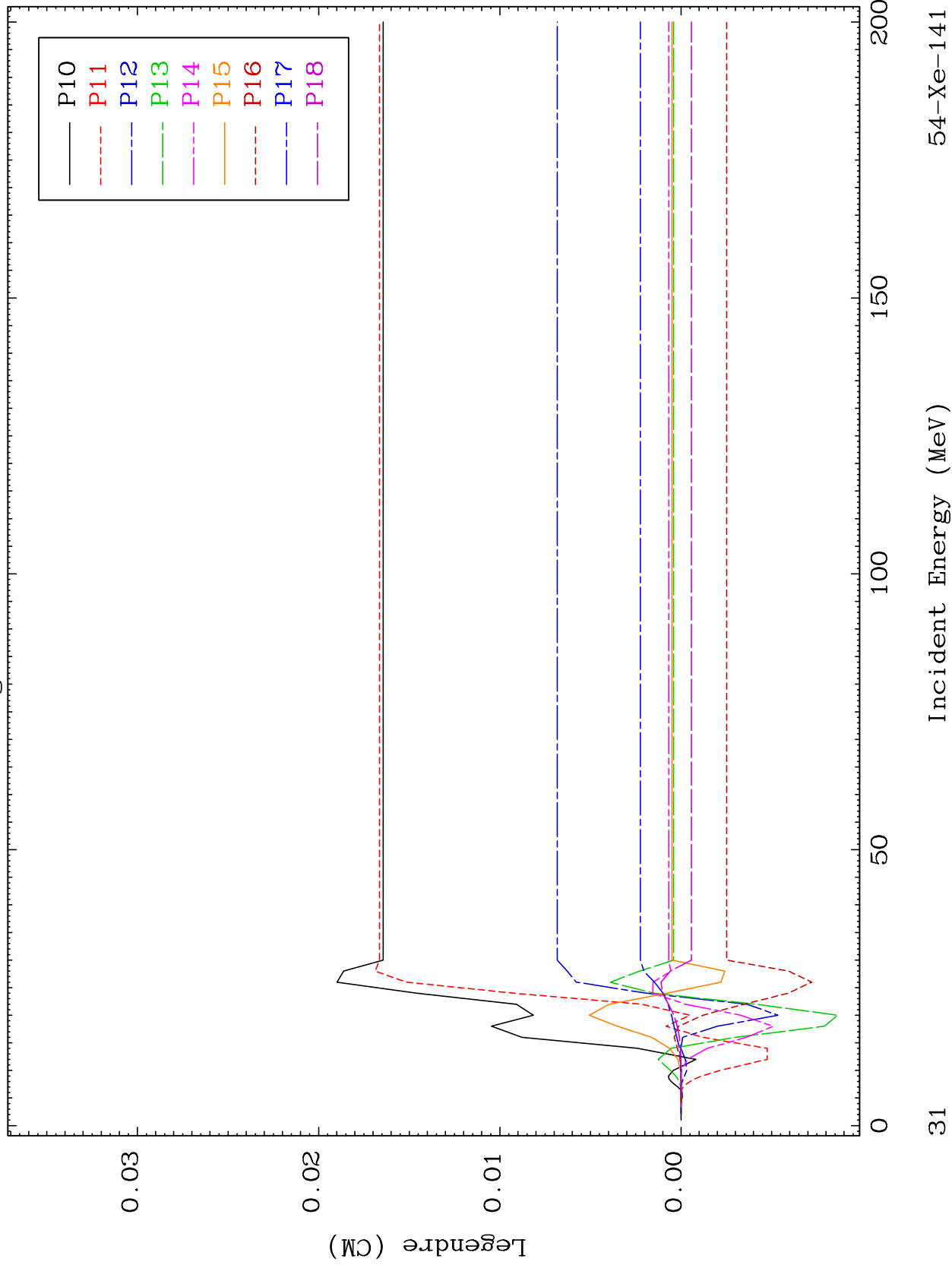
54-Xe-141



MAT 5476

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

54-Xe-141



54-Xe-141

Incident Energy (MeV)

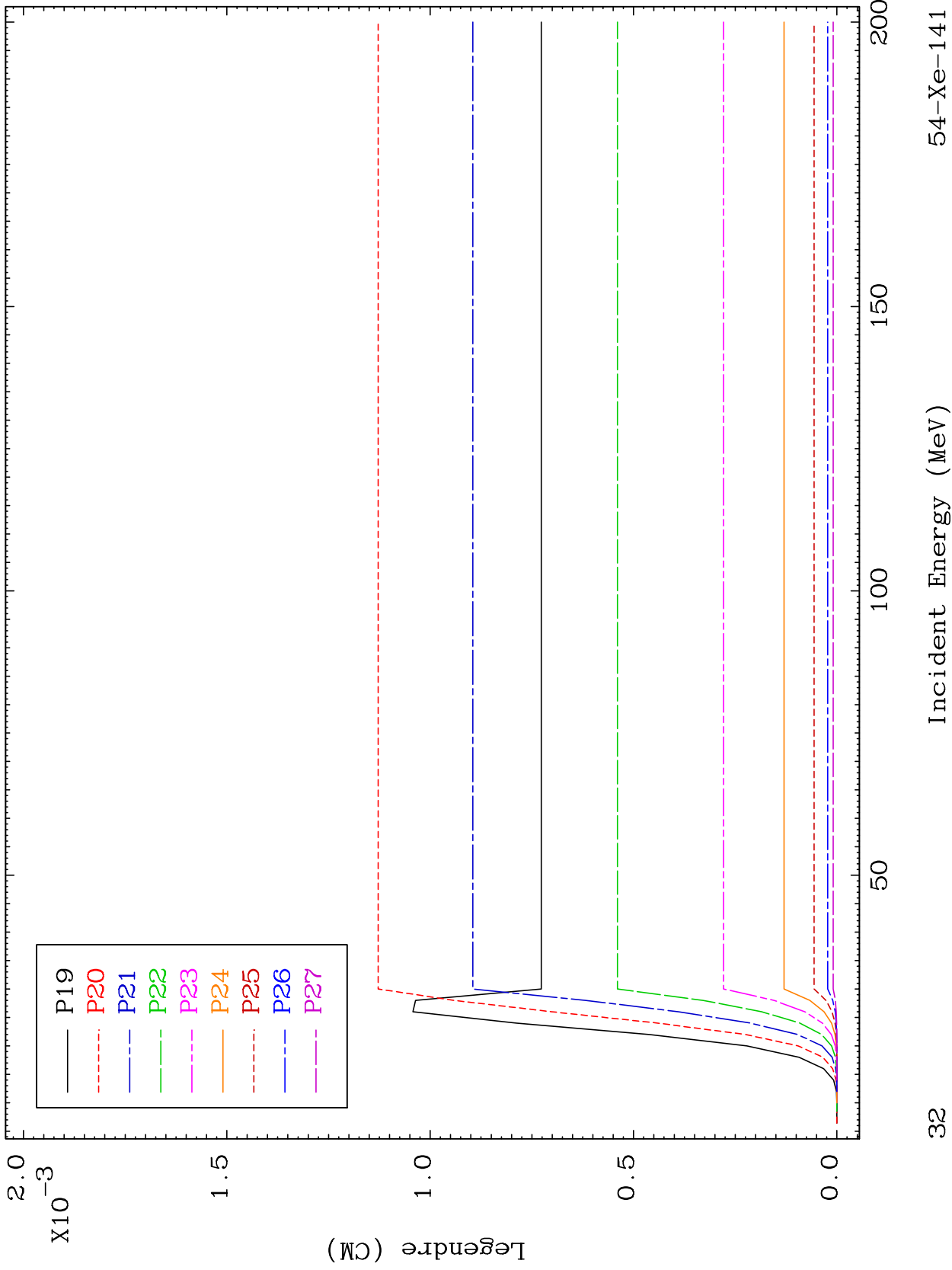
31



MAT 5476

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

54-Xe-141



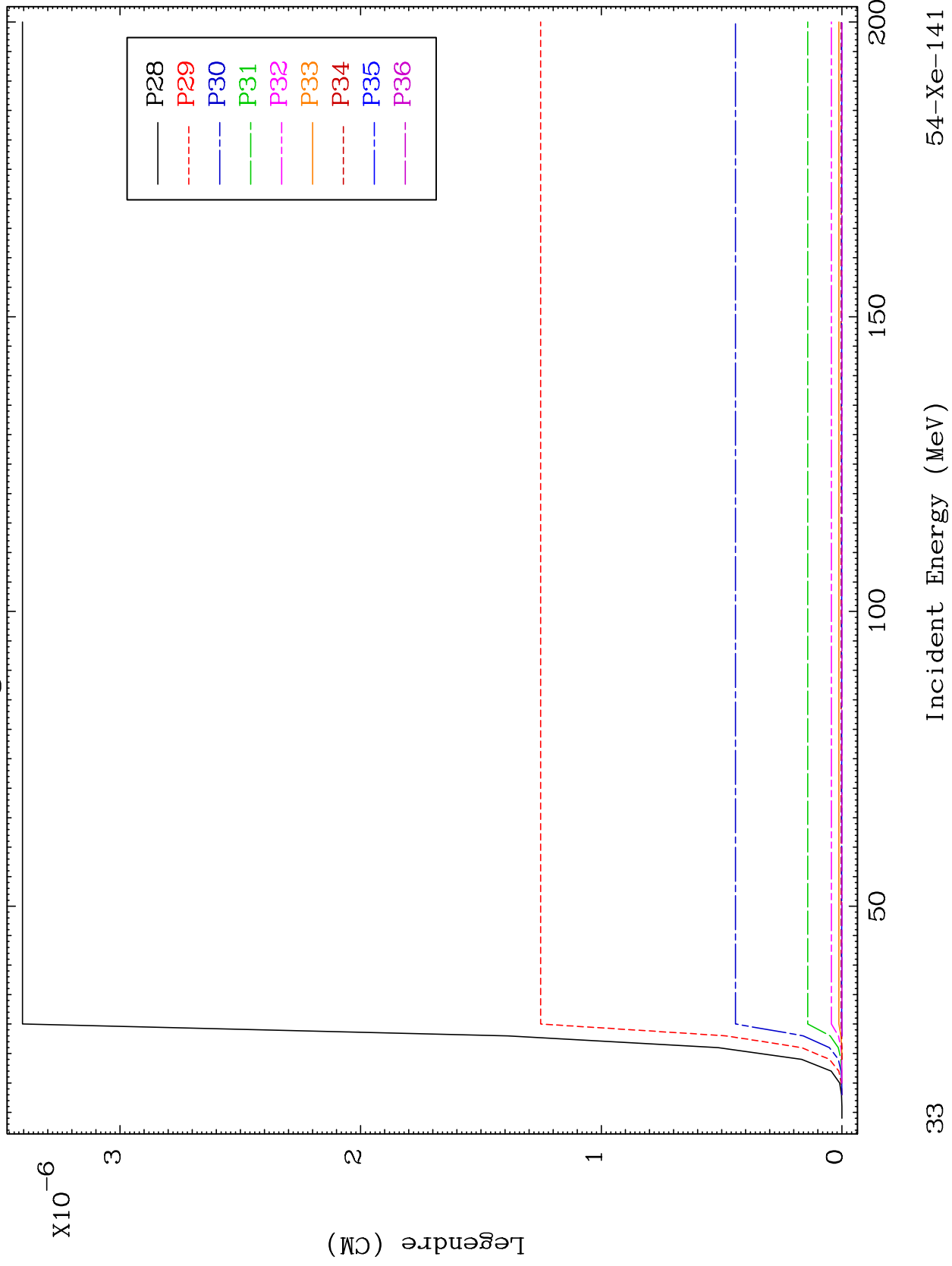
32

54-Xe-141

MAT 5476

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

54-Xe-141



33

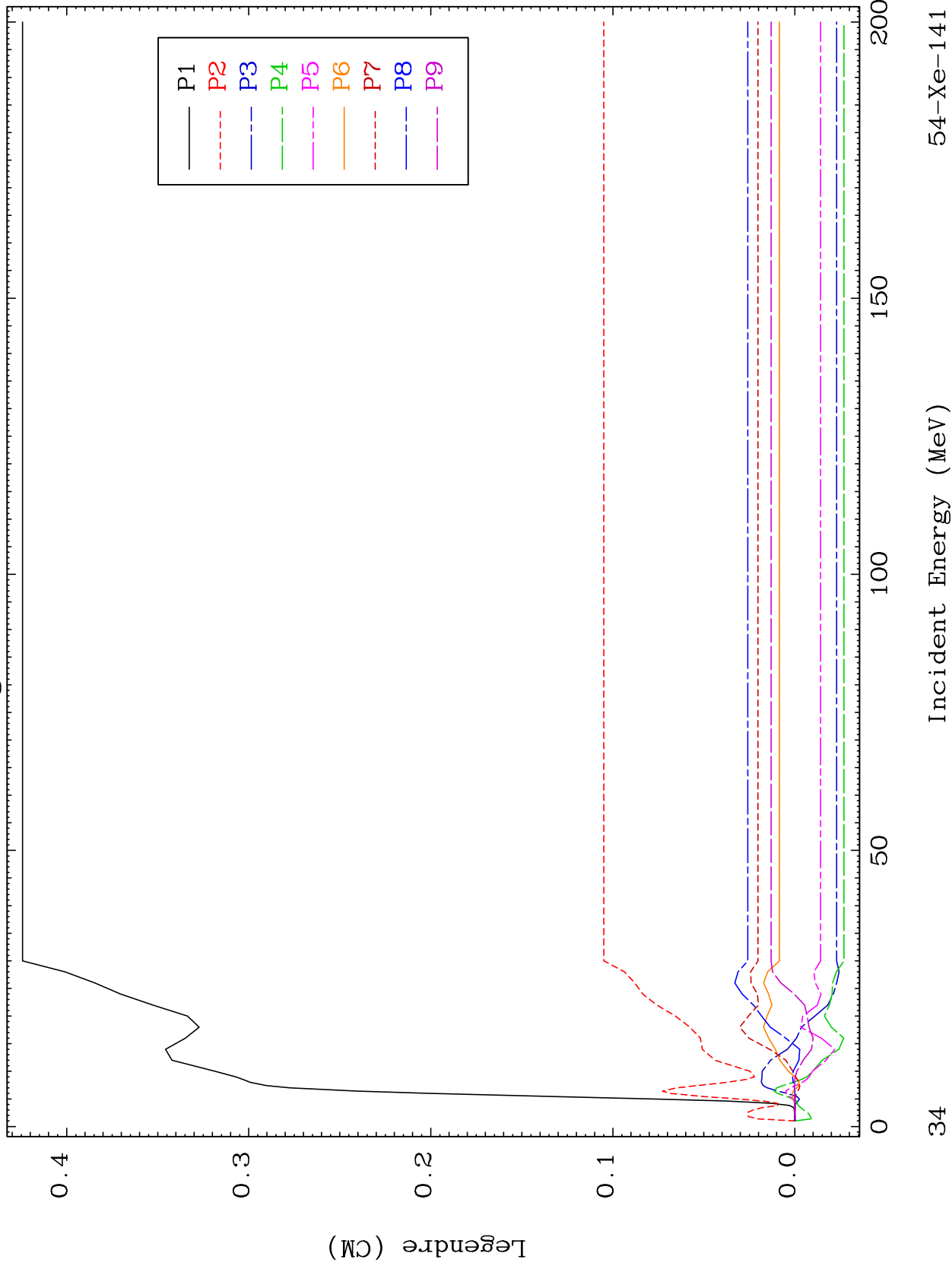
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



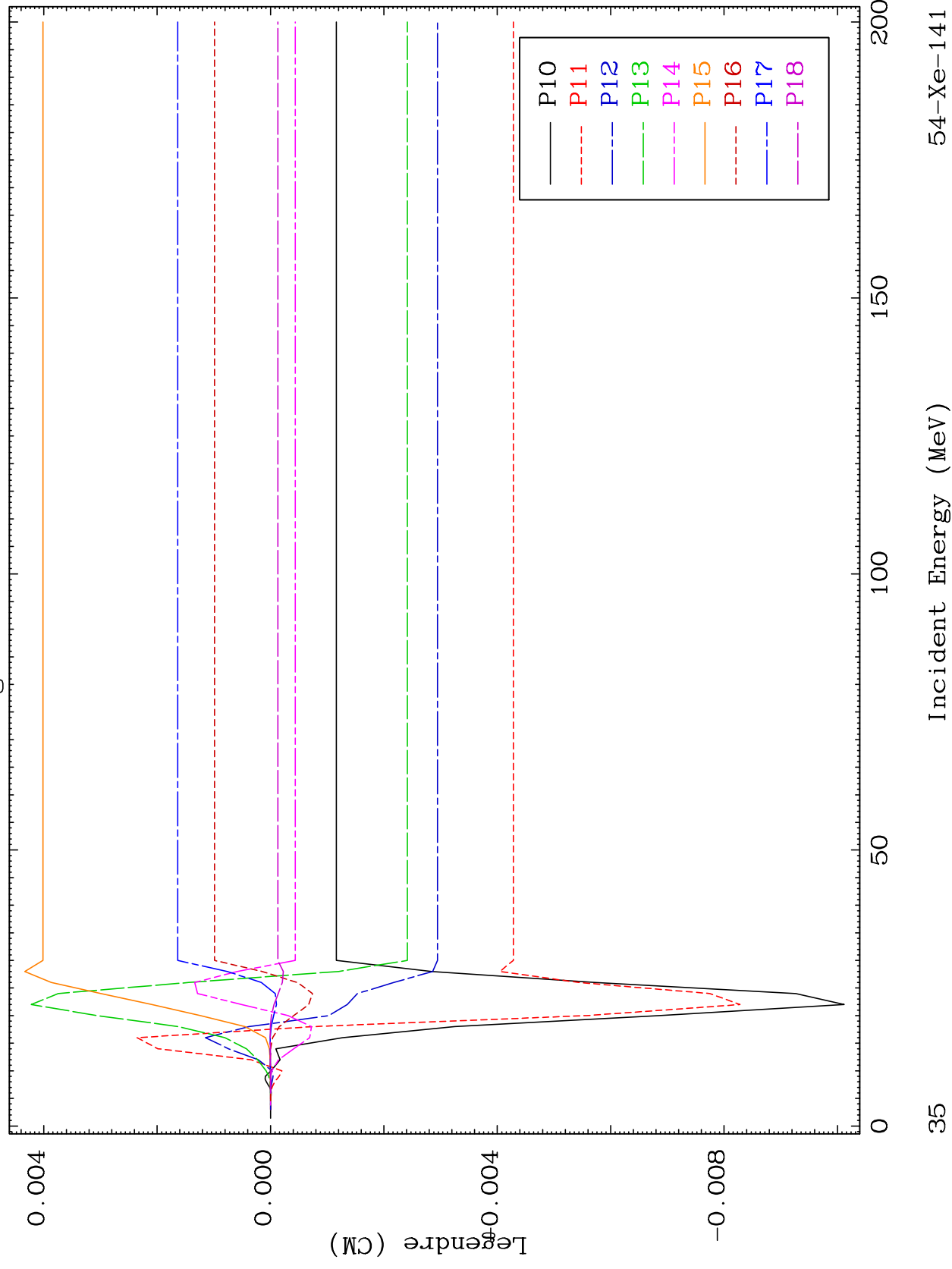
34

54-Xe-141

MAT 5476

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

54-Xe-141



54-Xe-141

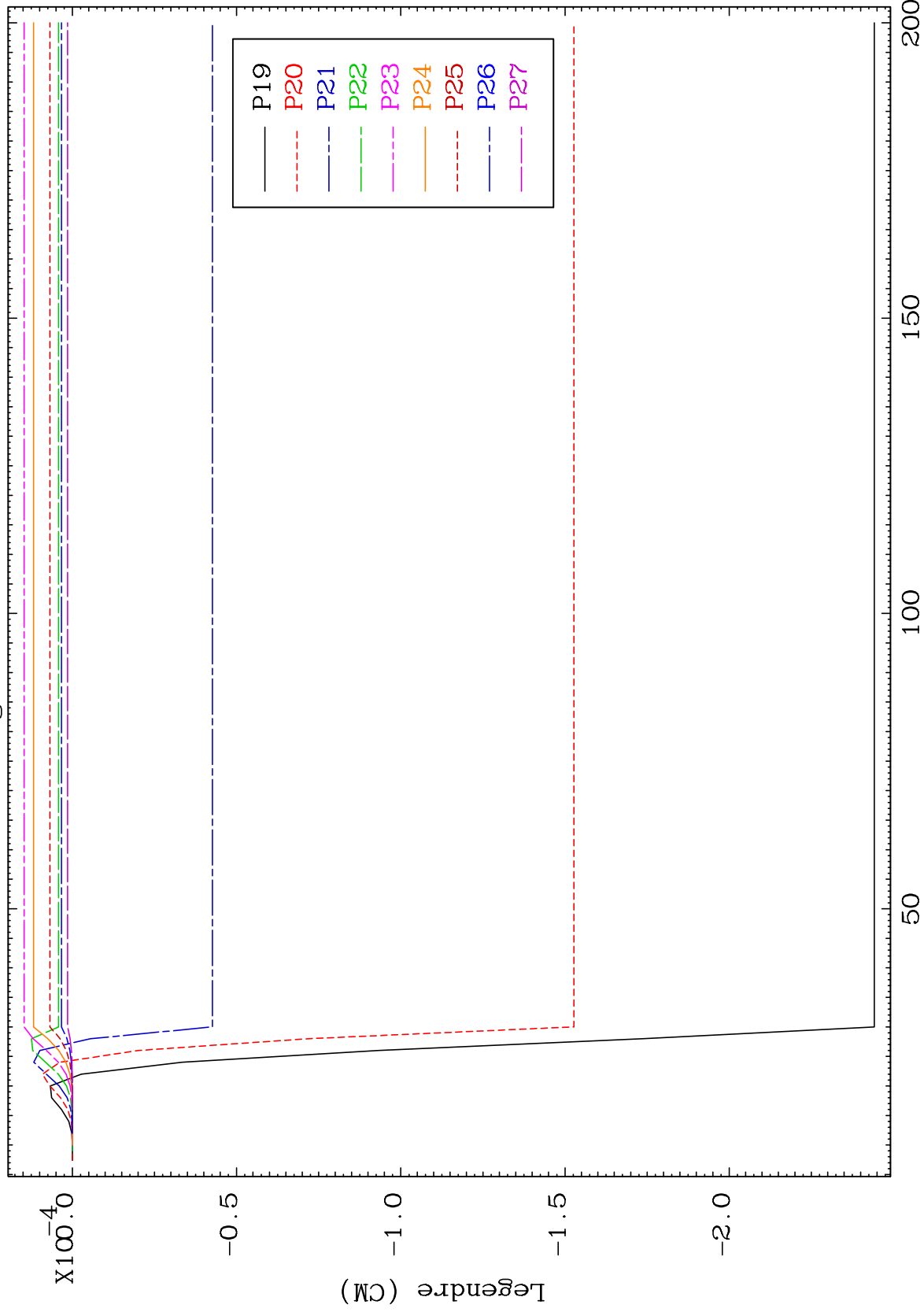
Incident Energy (MeV)

35

MAT 5476

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

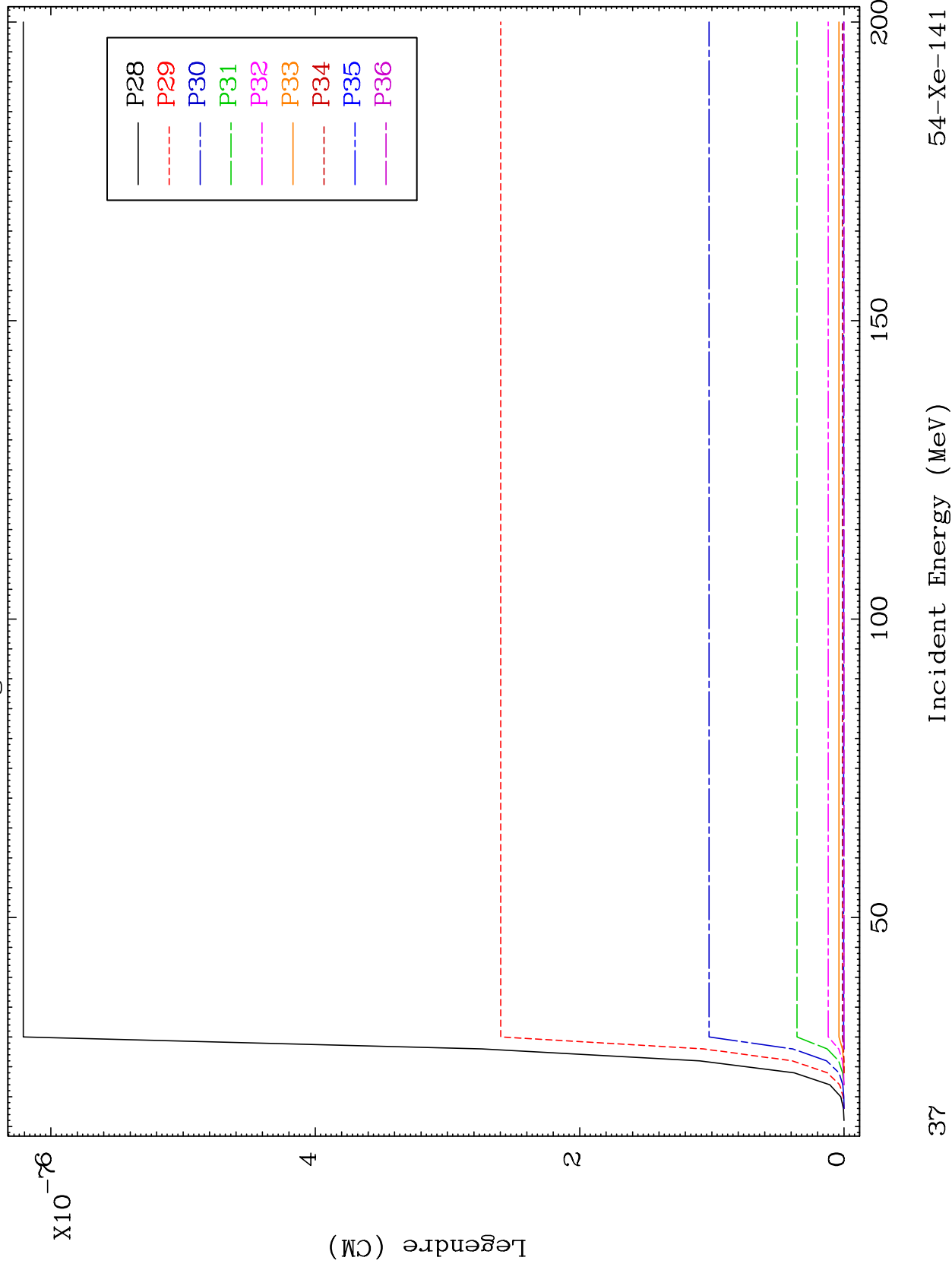
54-Xe-141



MAT 5476

54-Xe-141

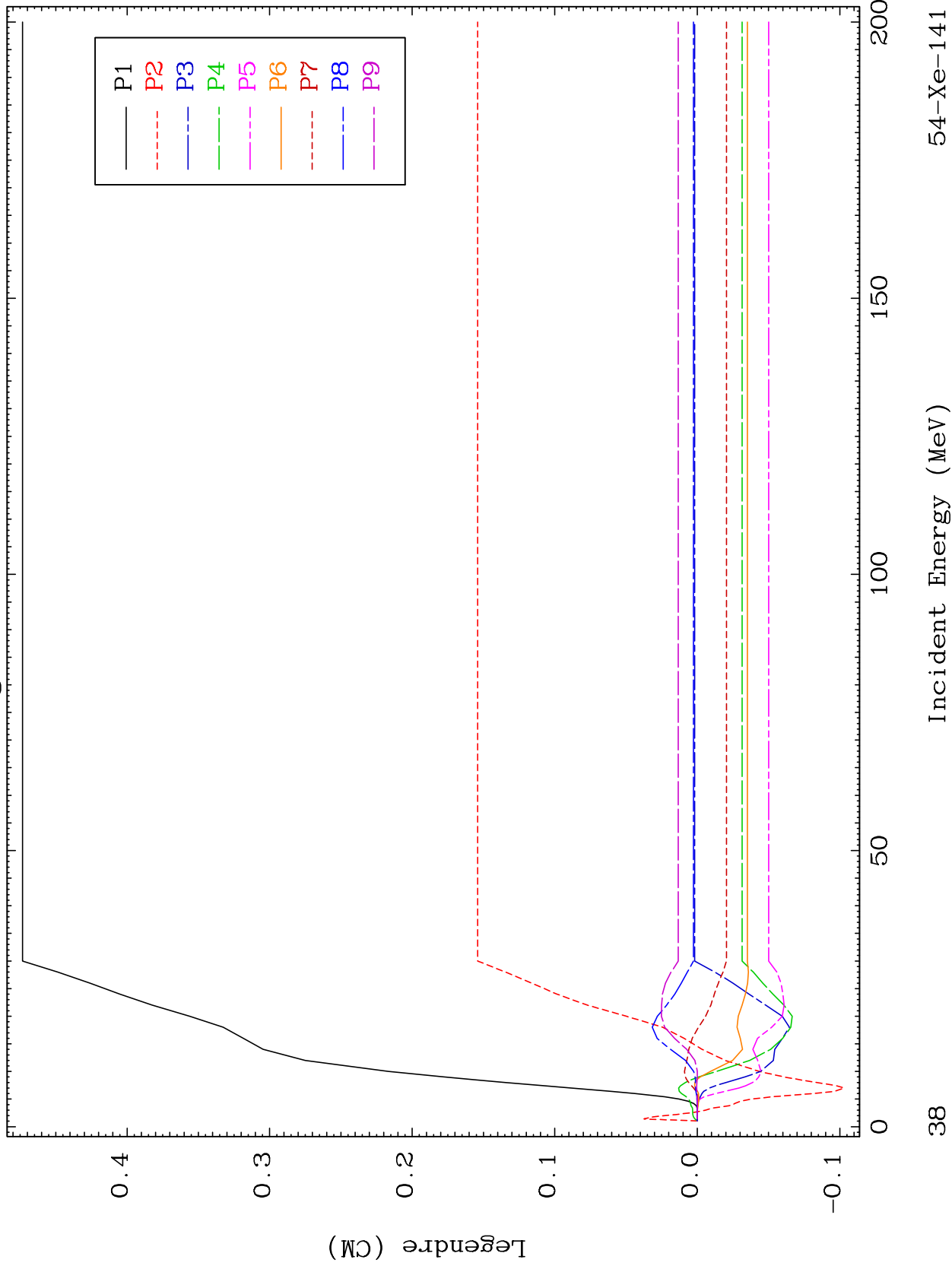
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 5476

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

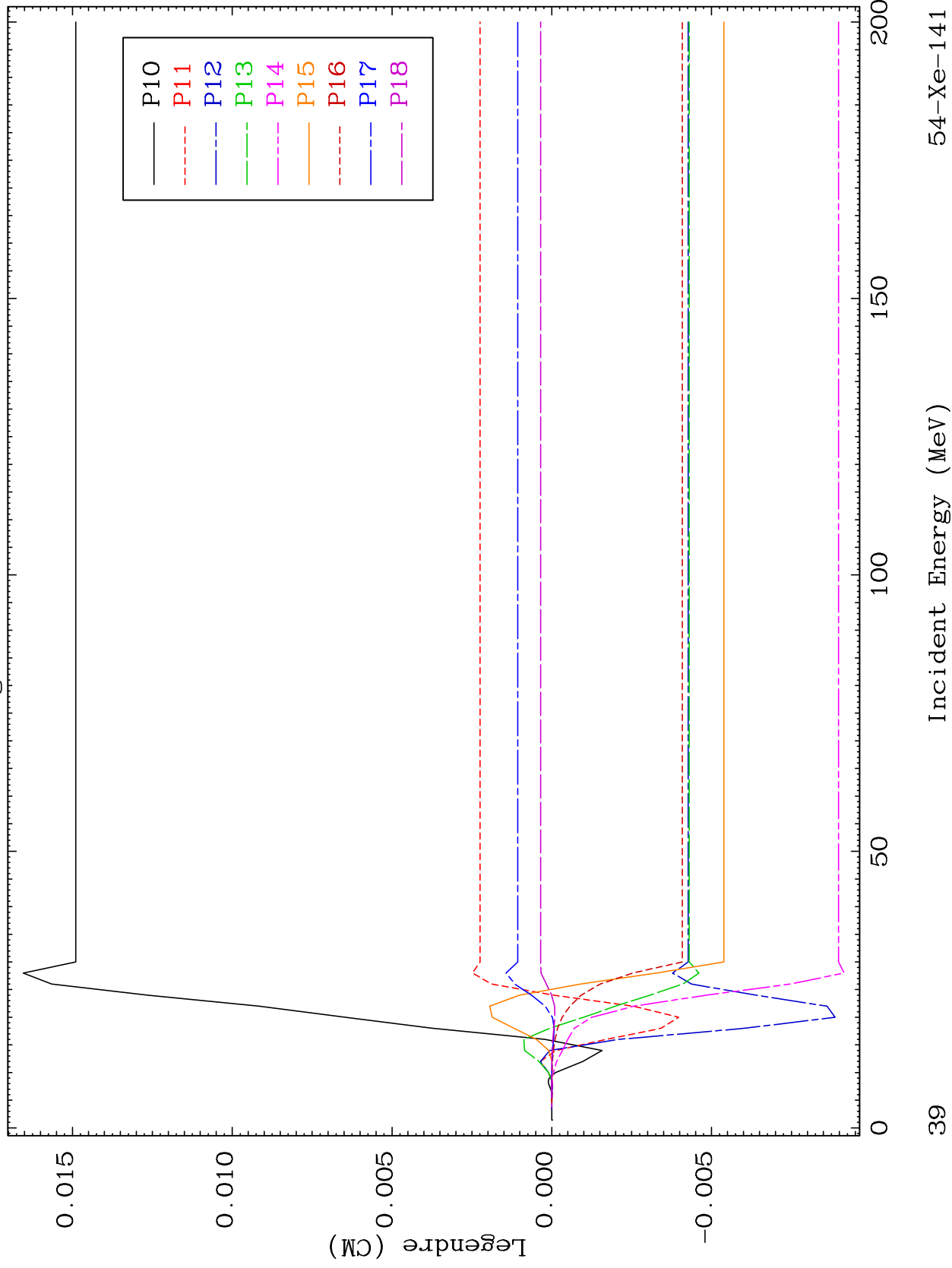
54-Xe-141



MAT 5476

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

54-Xe-141



39

Incident Energy (MeV)

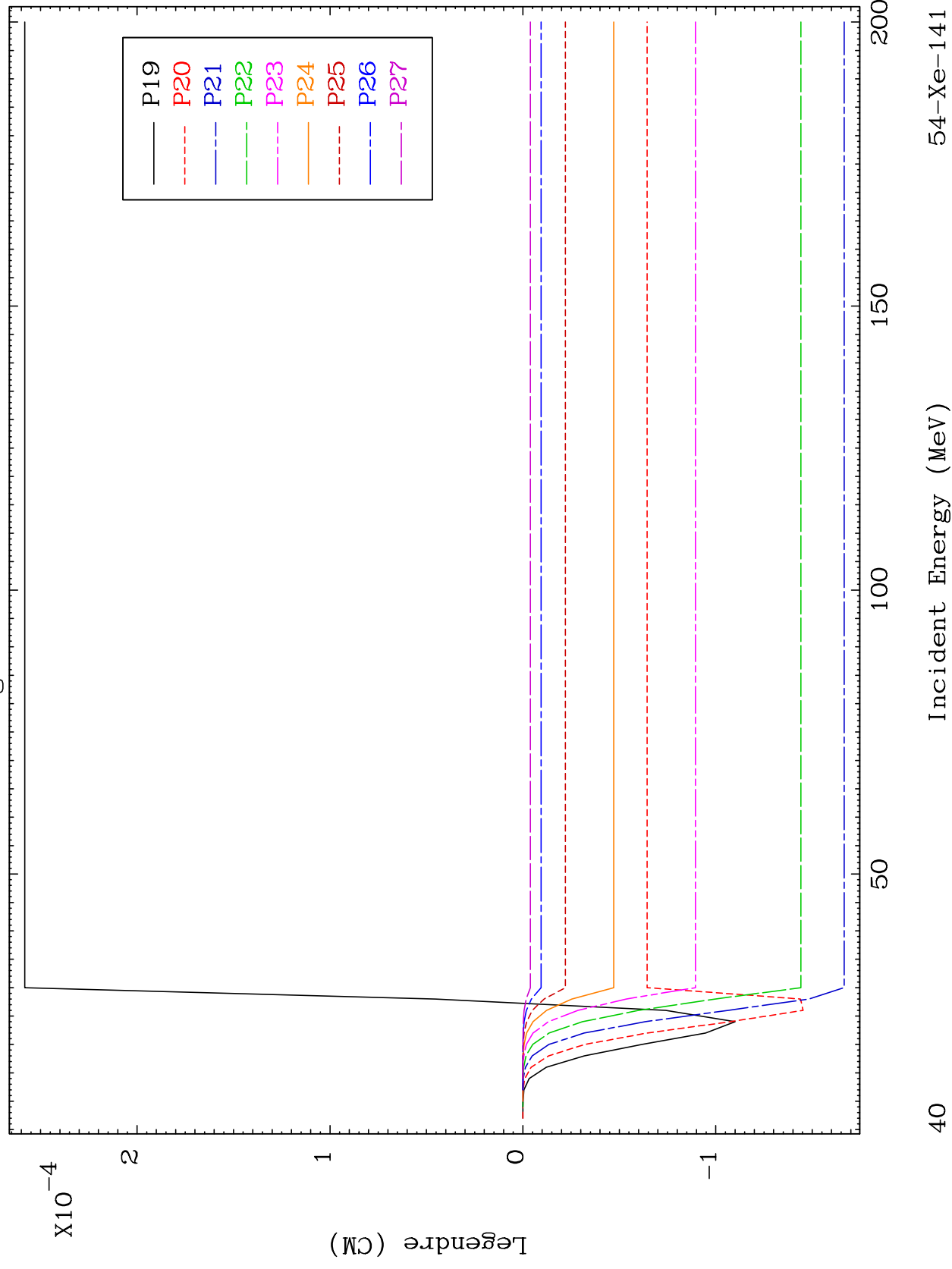
54-Xe-141



MAT 5476

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

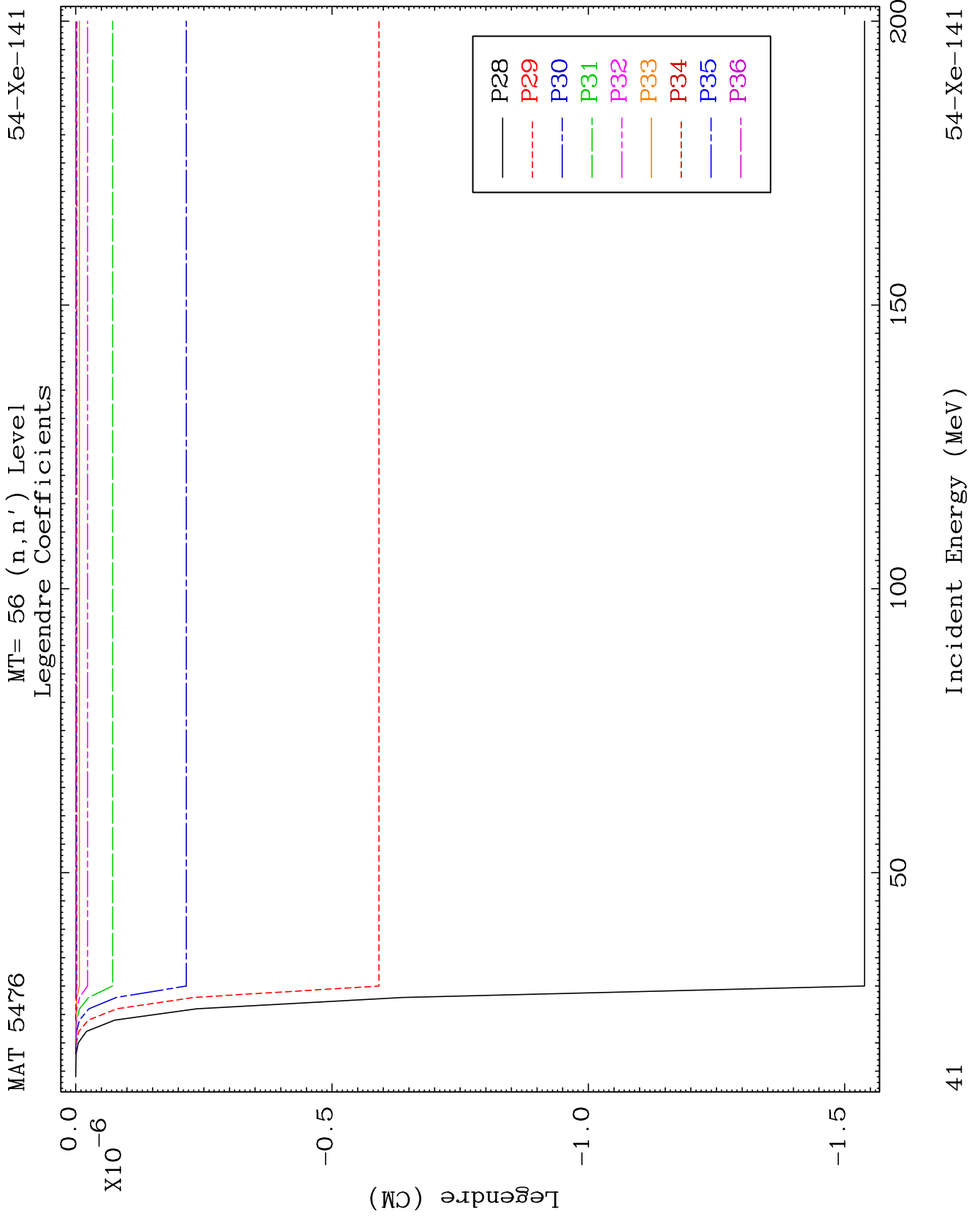
54-Xe-141



54-Xe-141

Incident Energy (MeV)

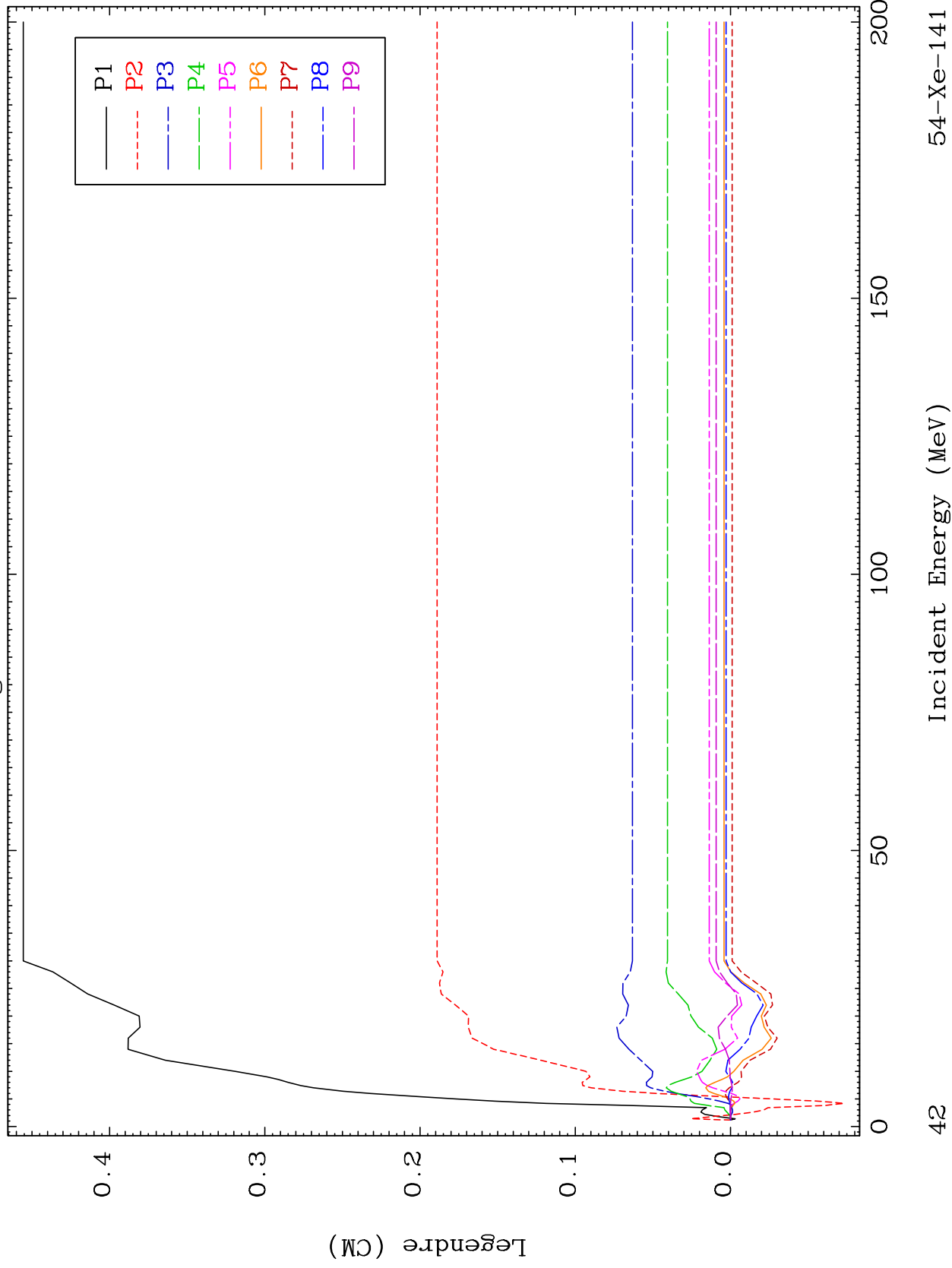
40



MAT 5476

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

54-Xe-141



54-Xe-141

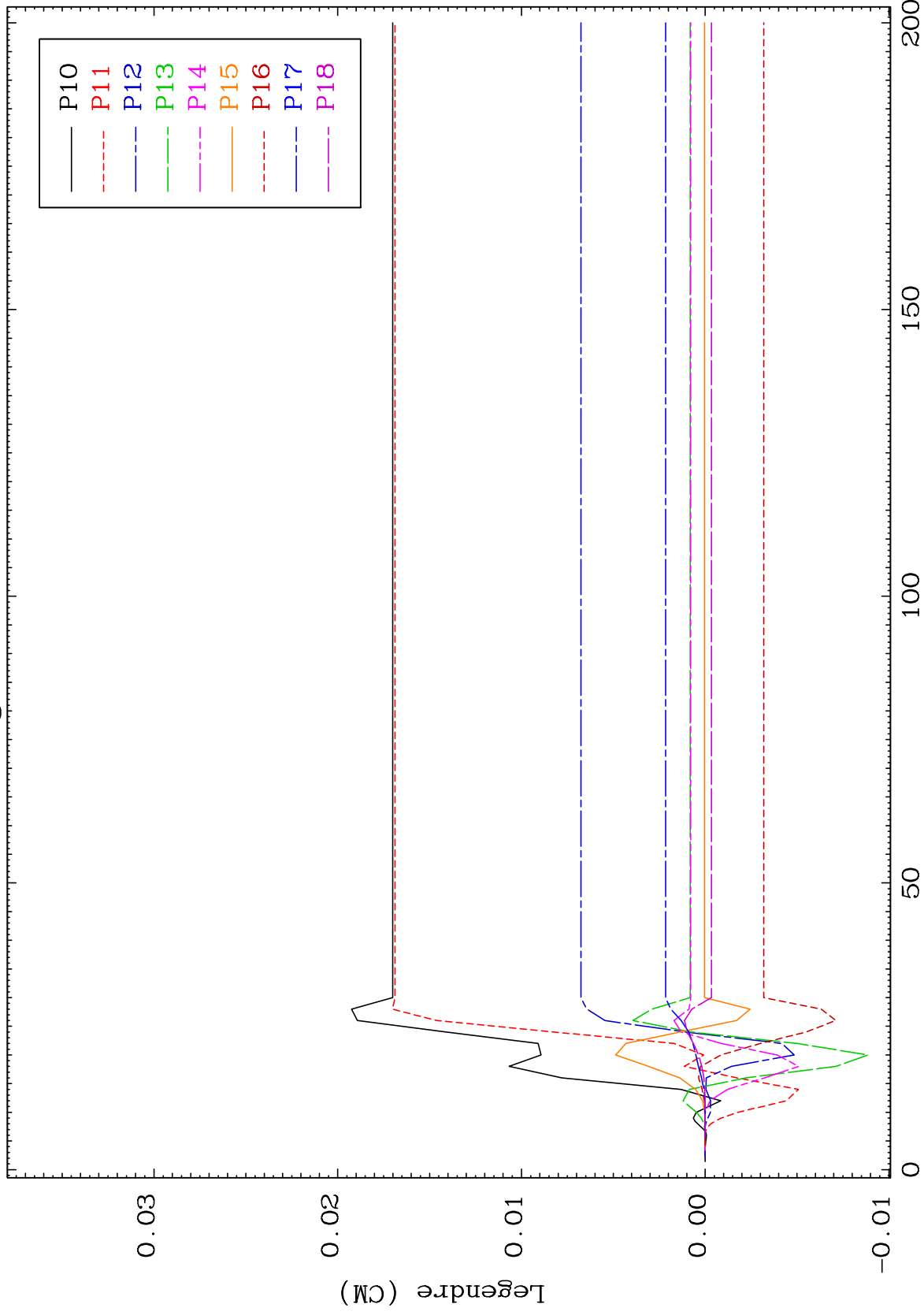
Incident Energy (MeV)

42

MAT 5476

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

54-Xe-141



43

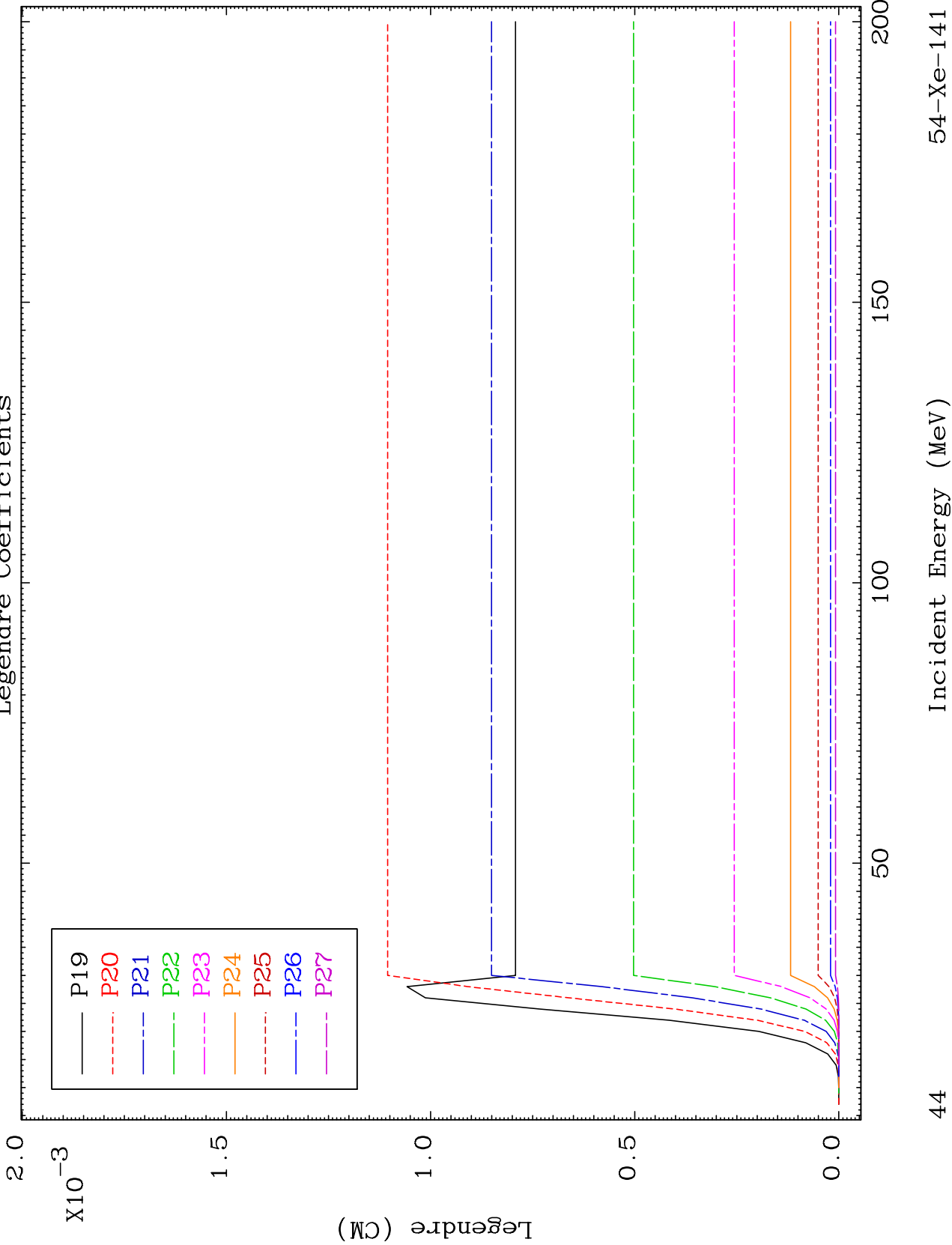
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



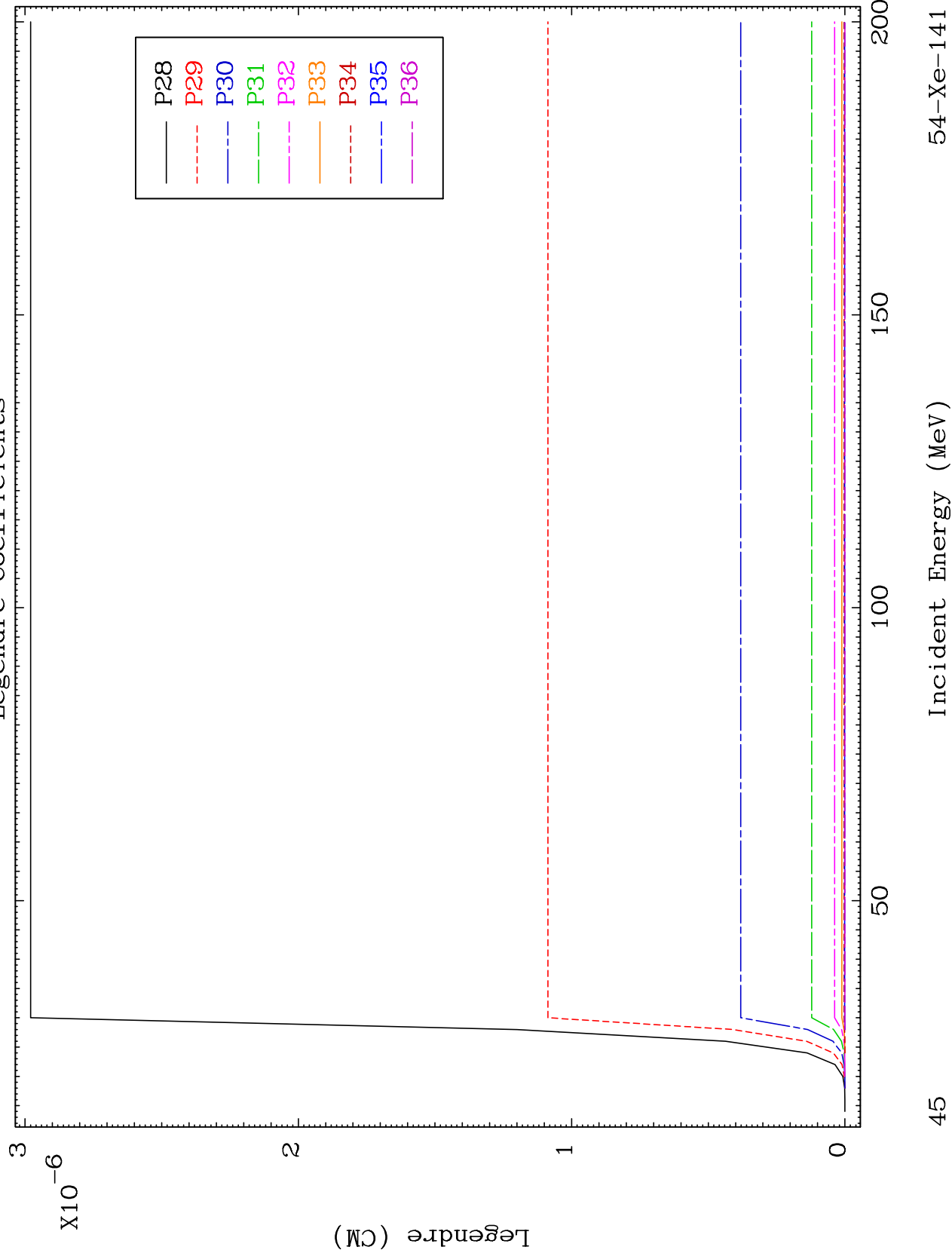
44

200

MAT 5476

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

54-Xe-141



45

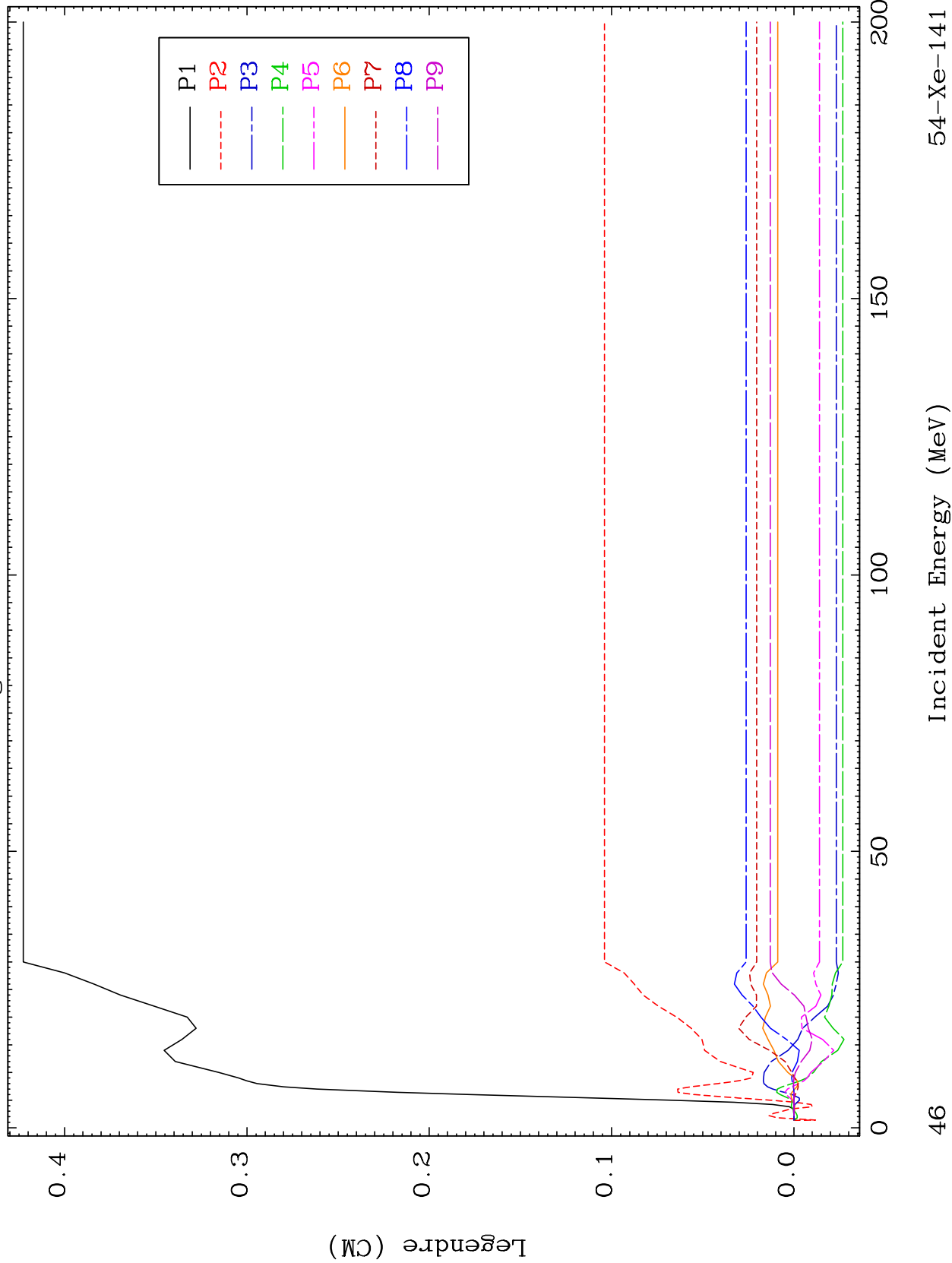
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



46

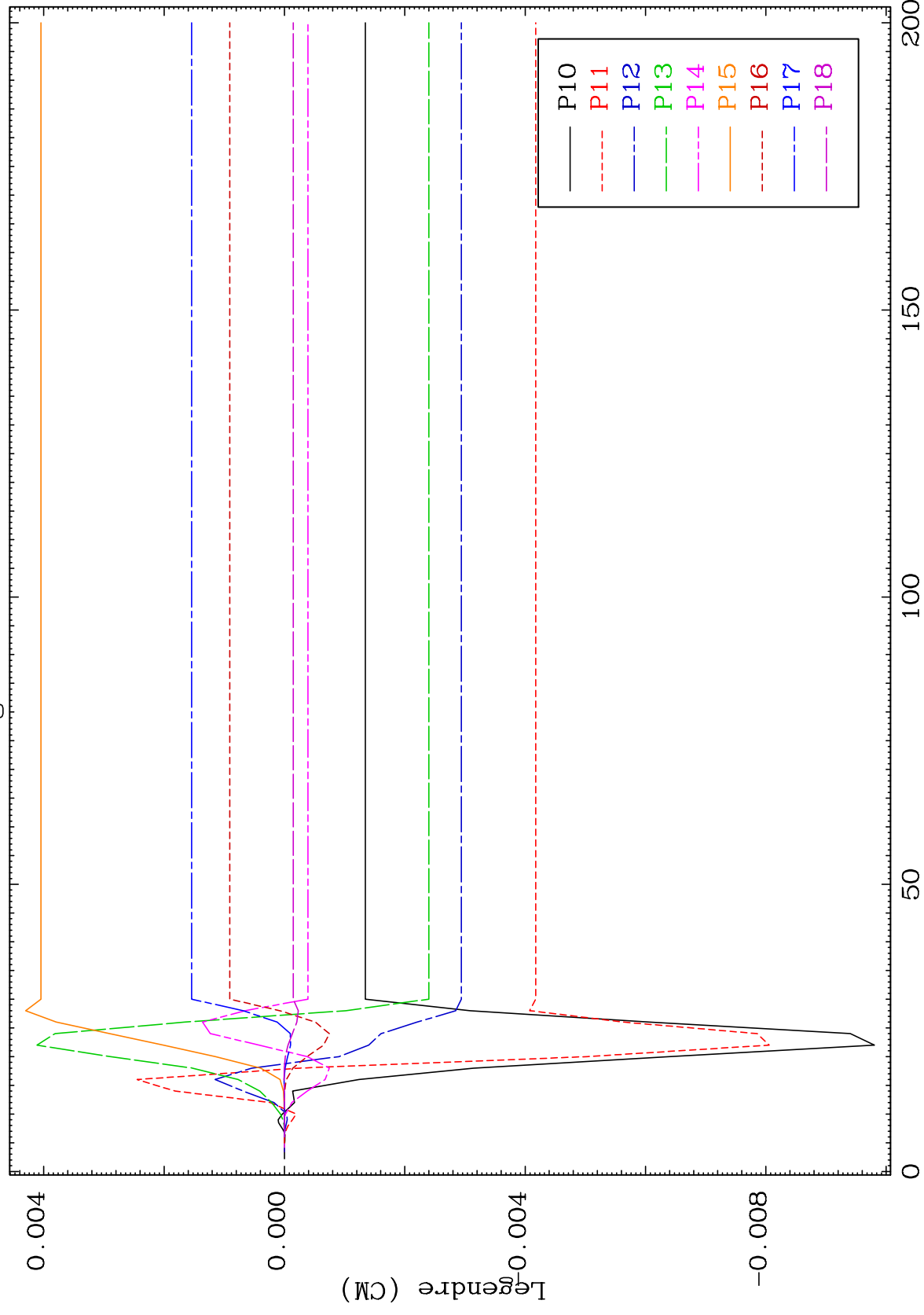
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141

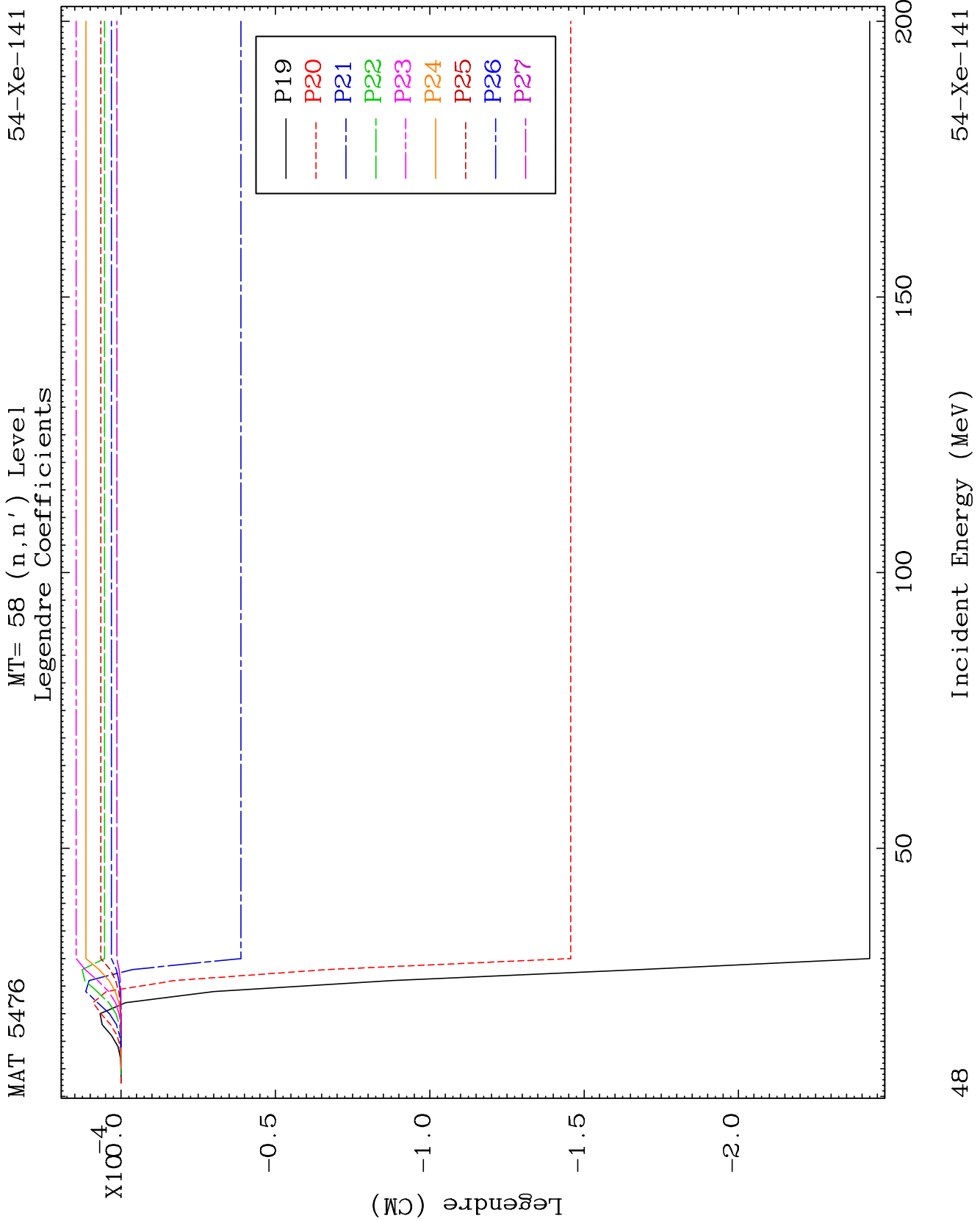


47

Incident Energy (MeV)

54-Xe-141

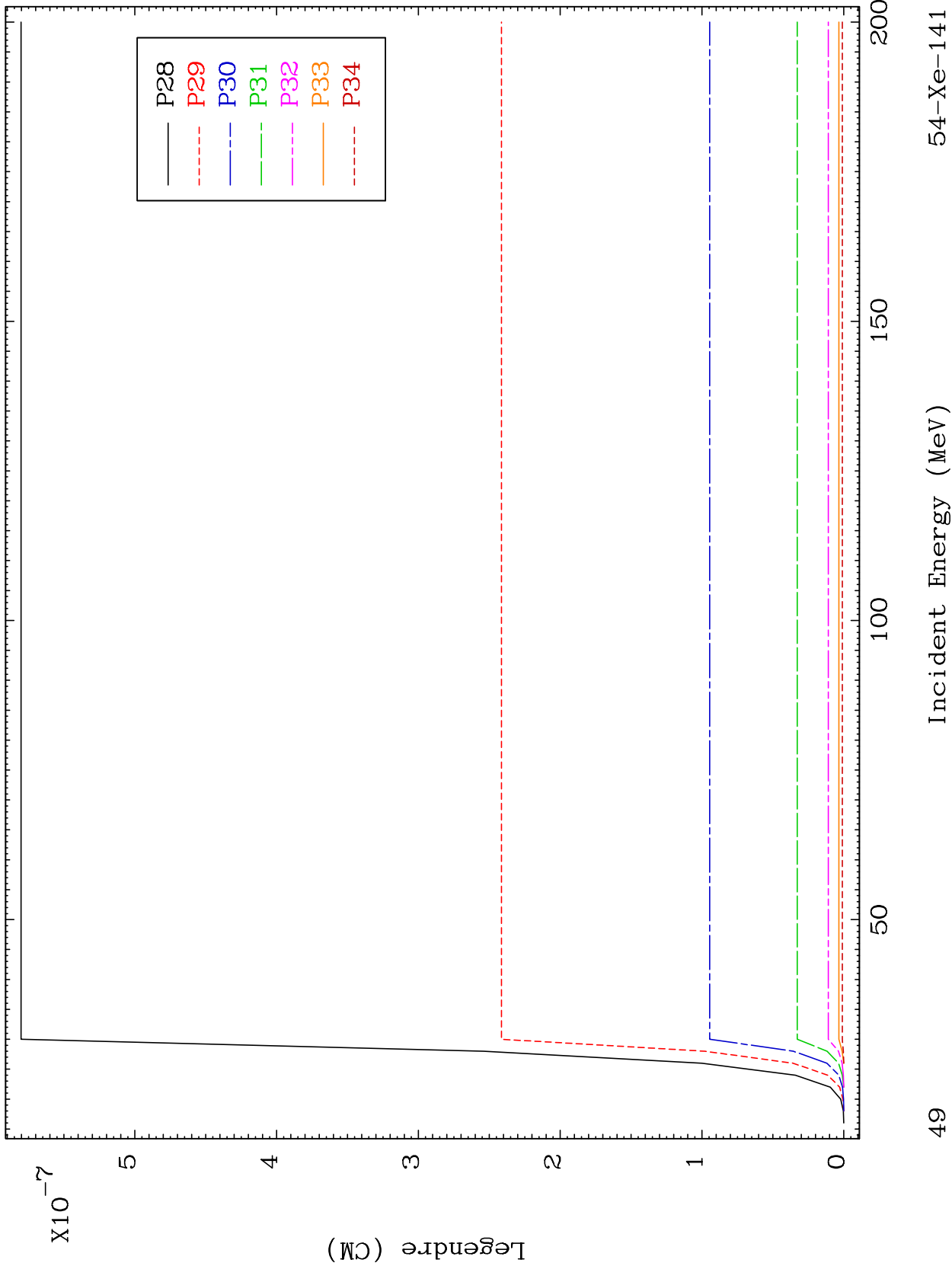




MAT 5476

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

54-Xe-141



49

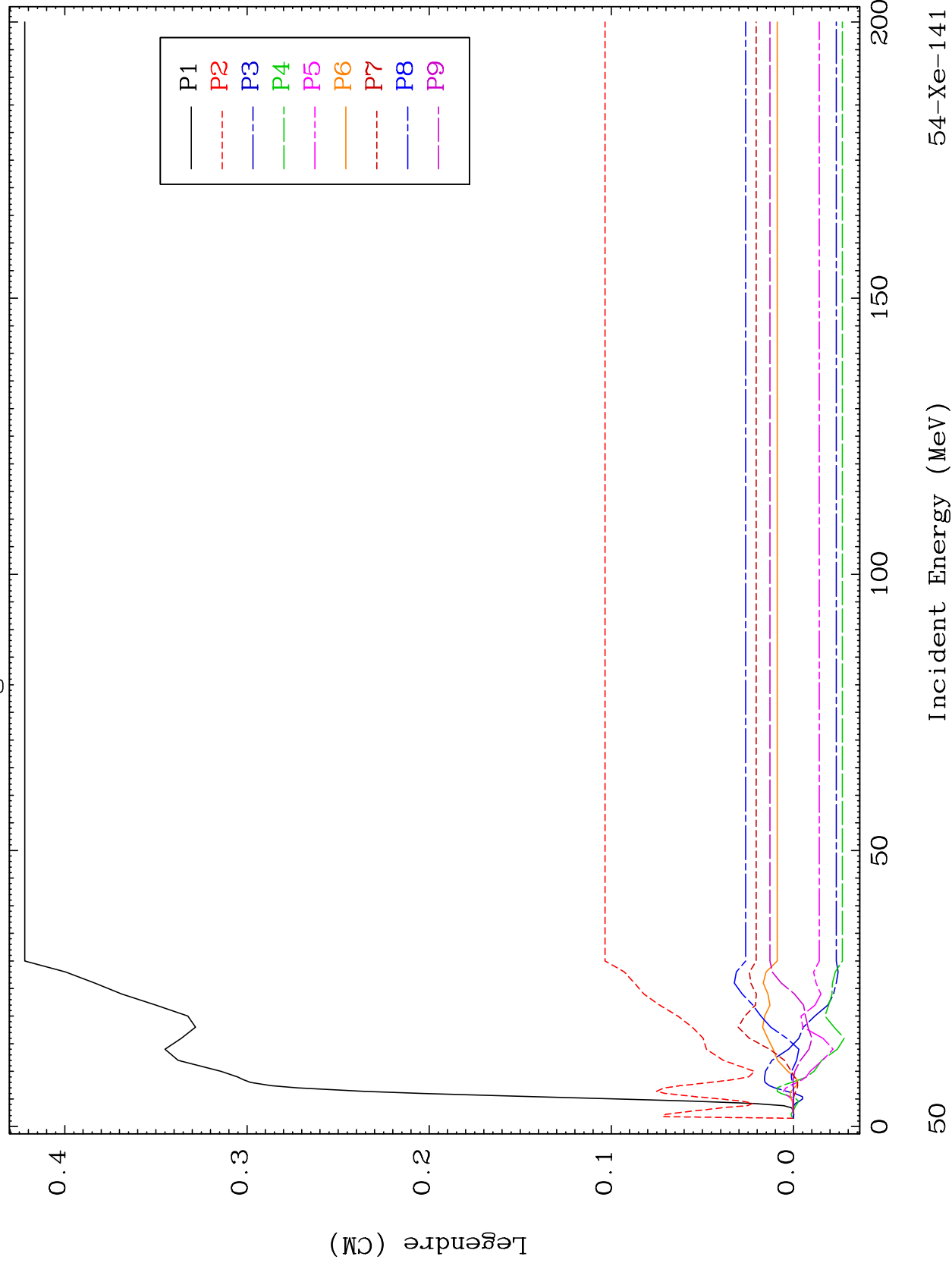
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



54-Xe-141

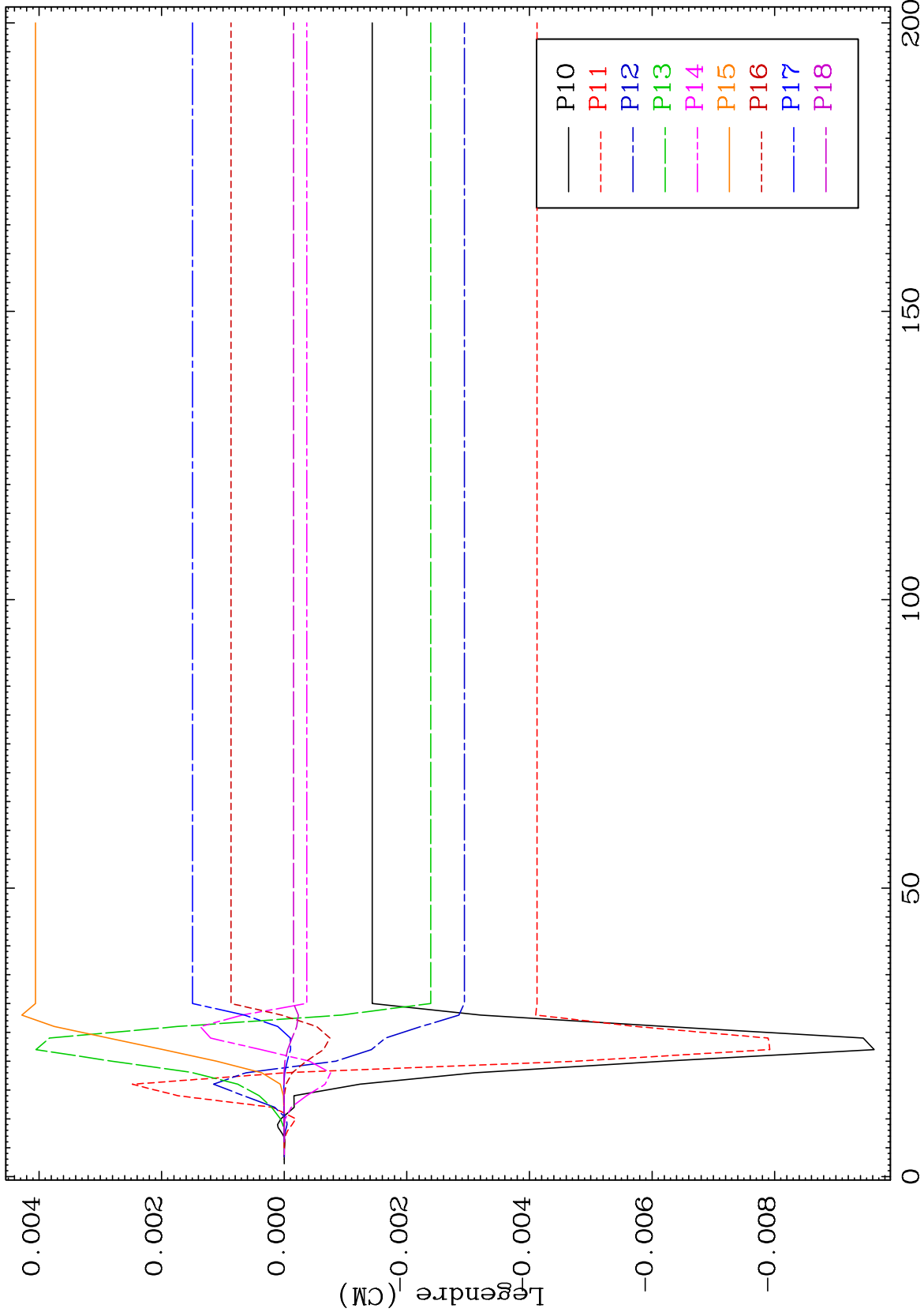
Incident Energy (MeV)

MAT 5476

MT= 59 (n,n') Level

54-Xe-141

Legendre Coefficients



51

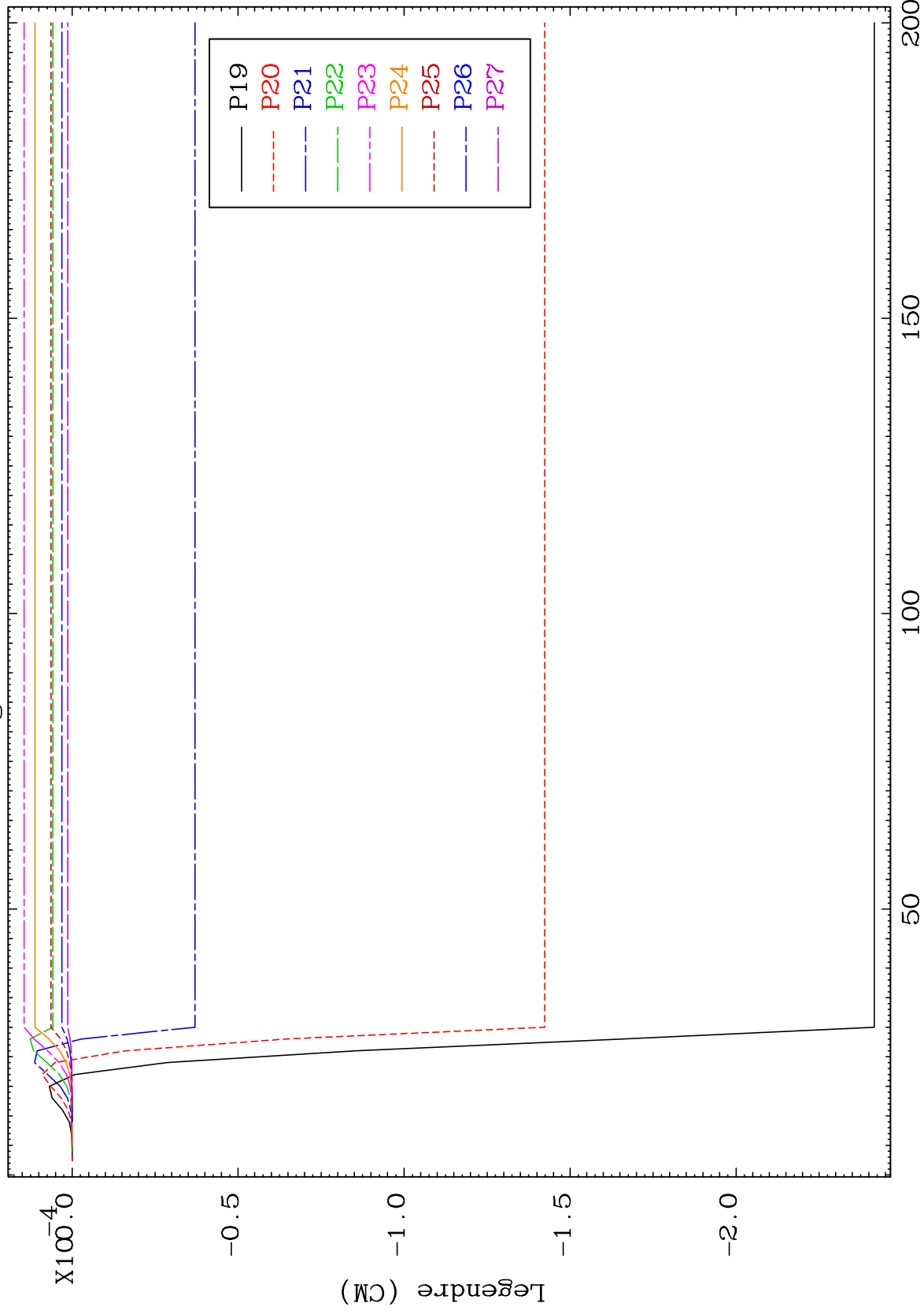
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



52

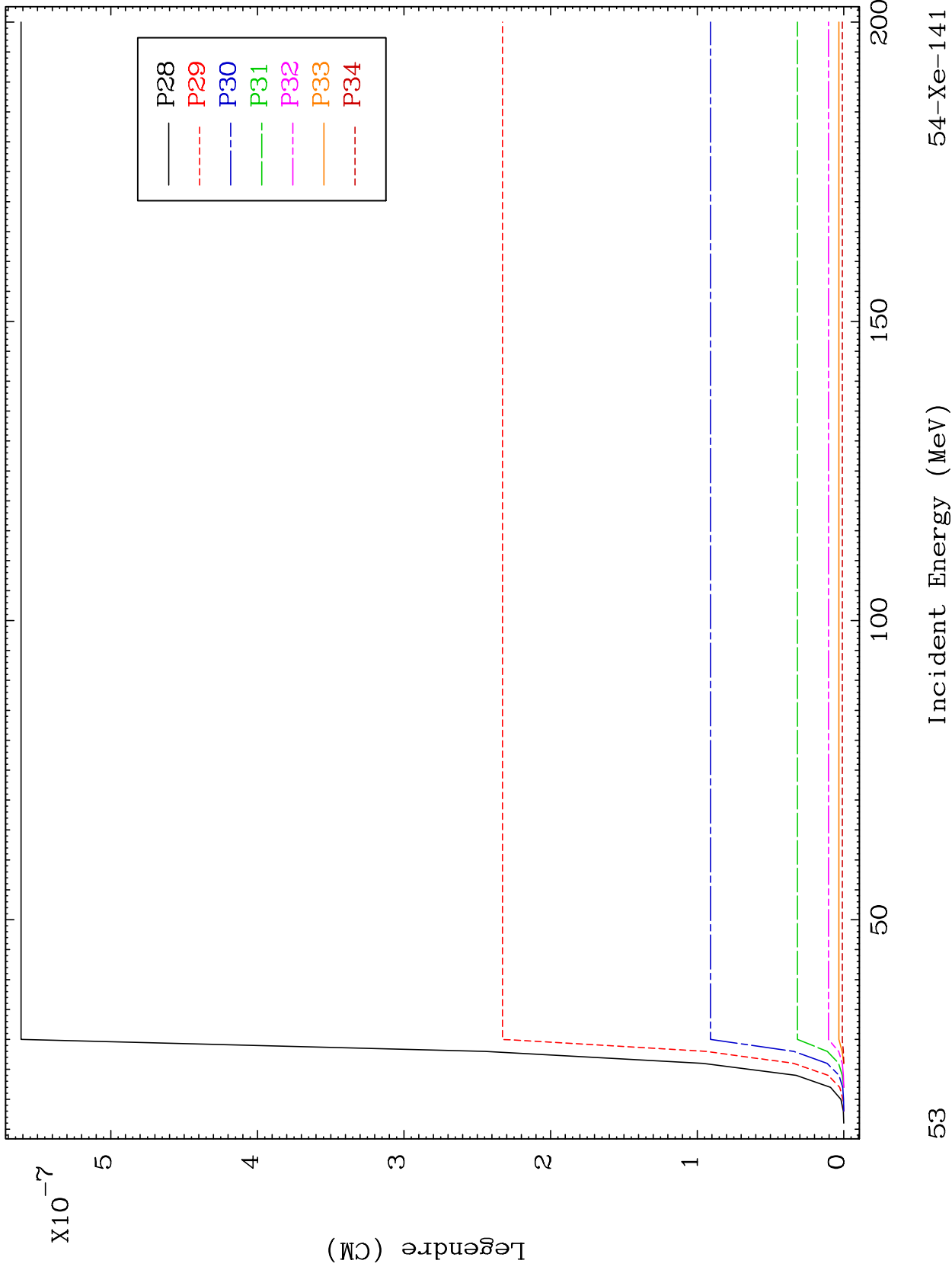
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

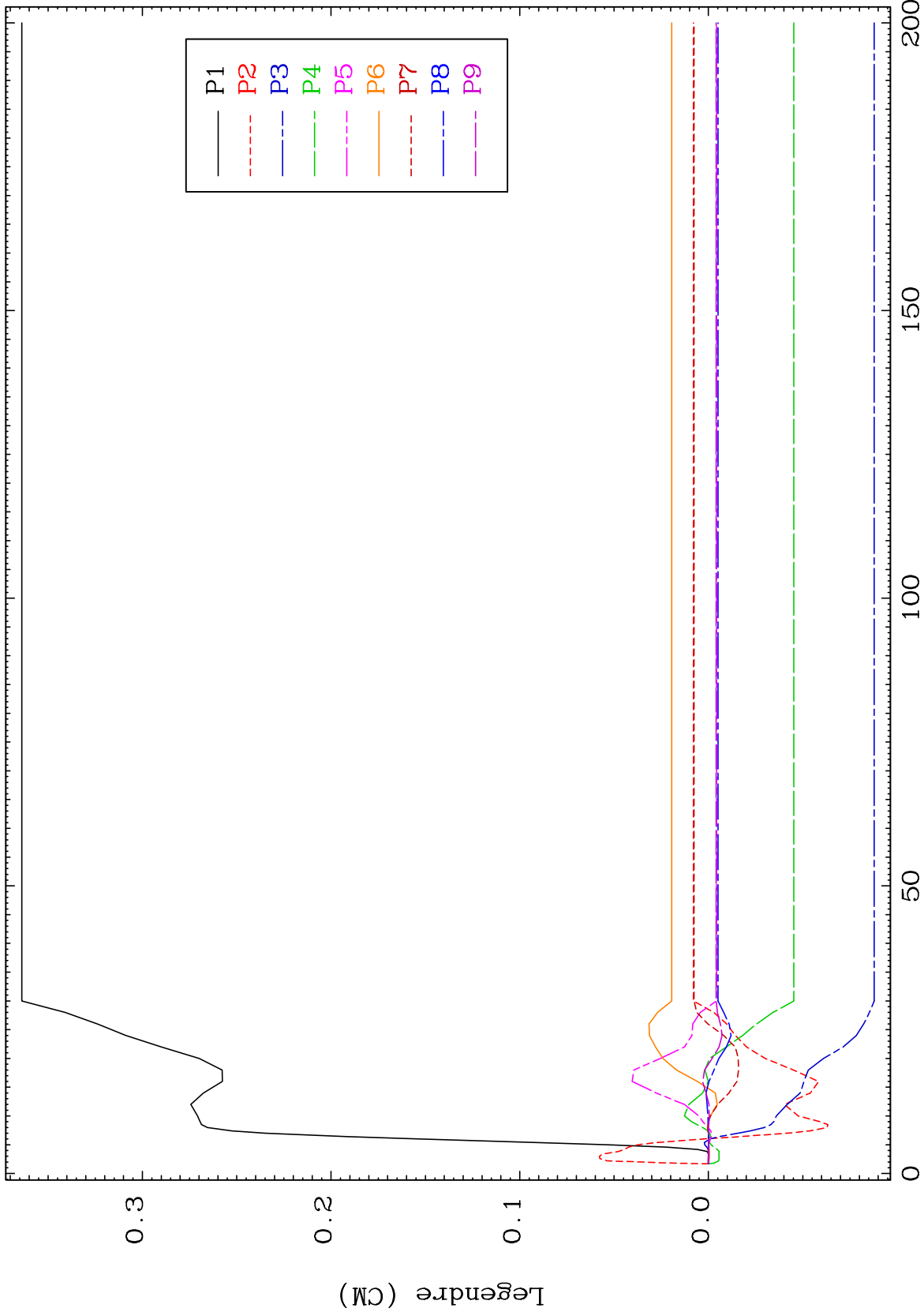
54-Xe-141



MAT 5476

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

54-Xe-141



54

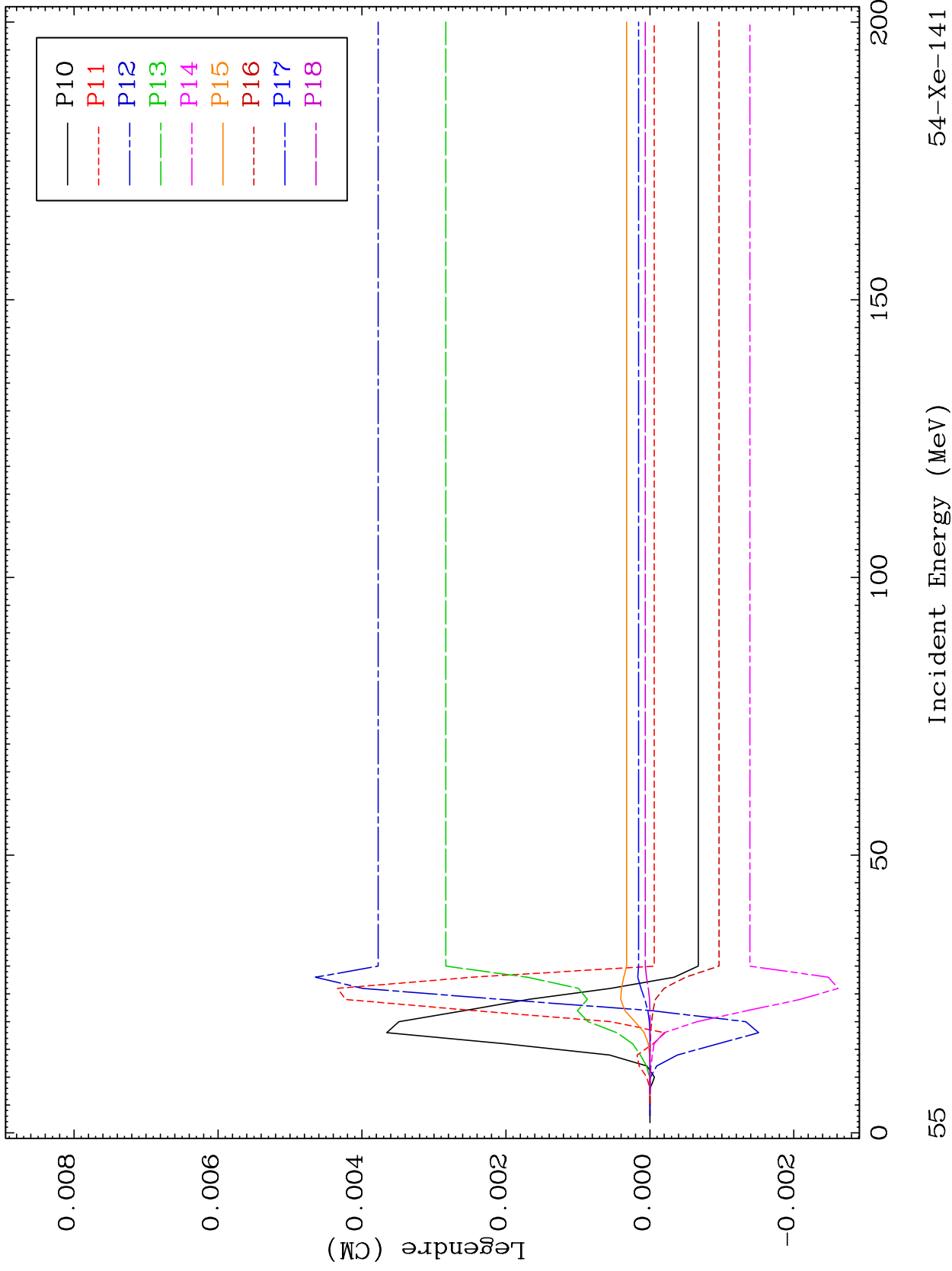
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



54-Xe-141

Incident Energy (MeV)

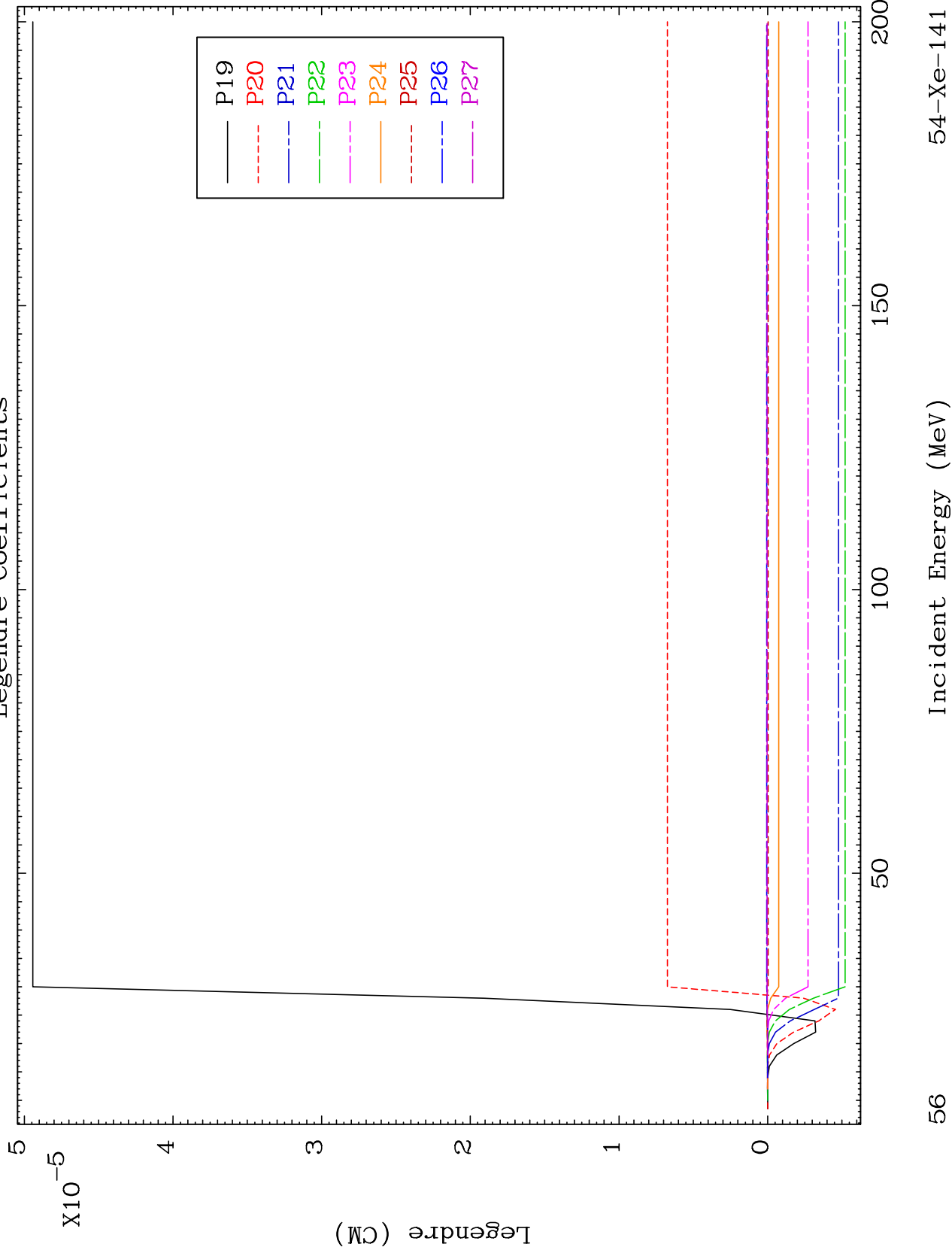
55



MAT 5476

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

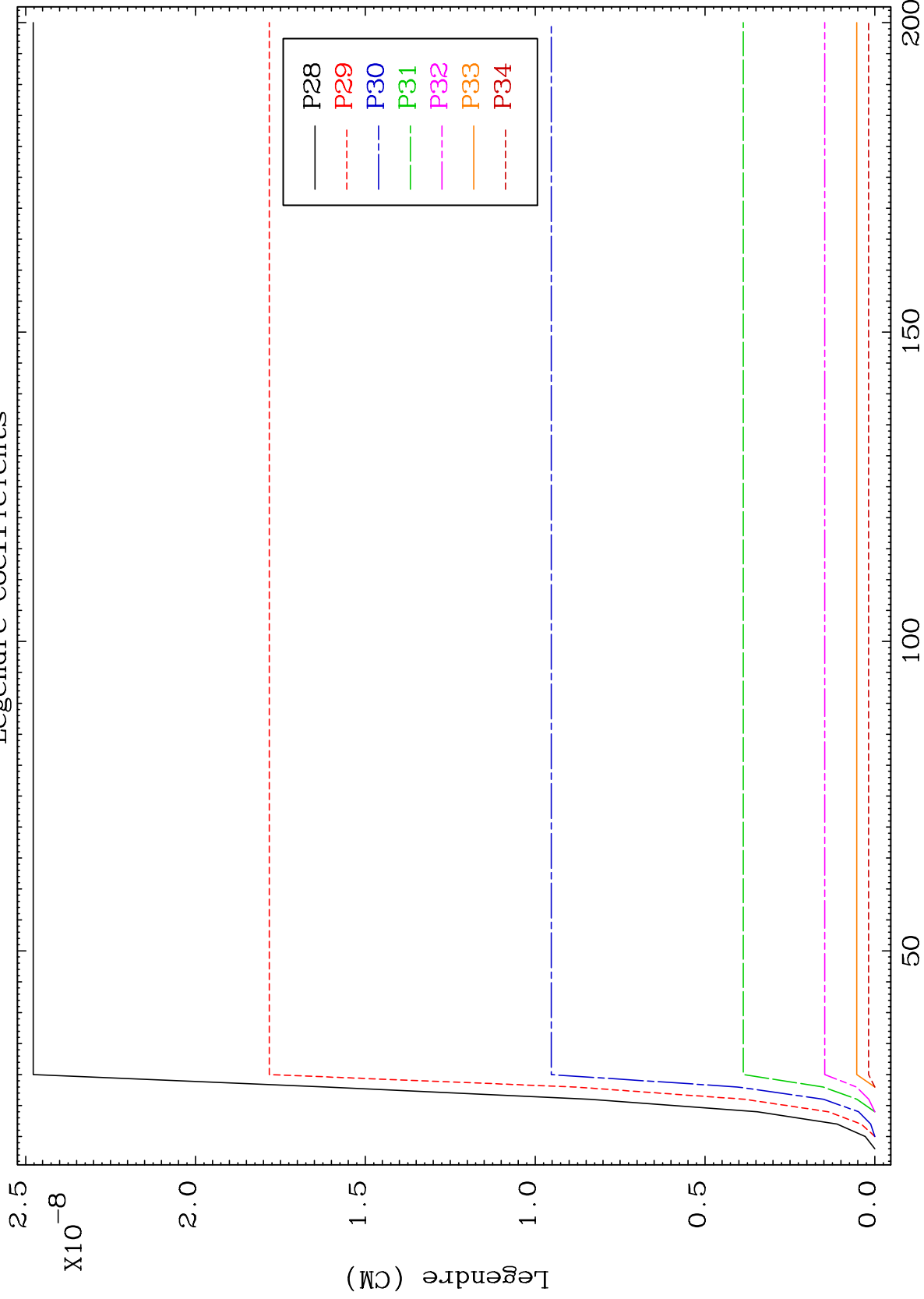
54-Xe-141



MAT 5476

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

54-Xe-141



57

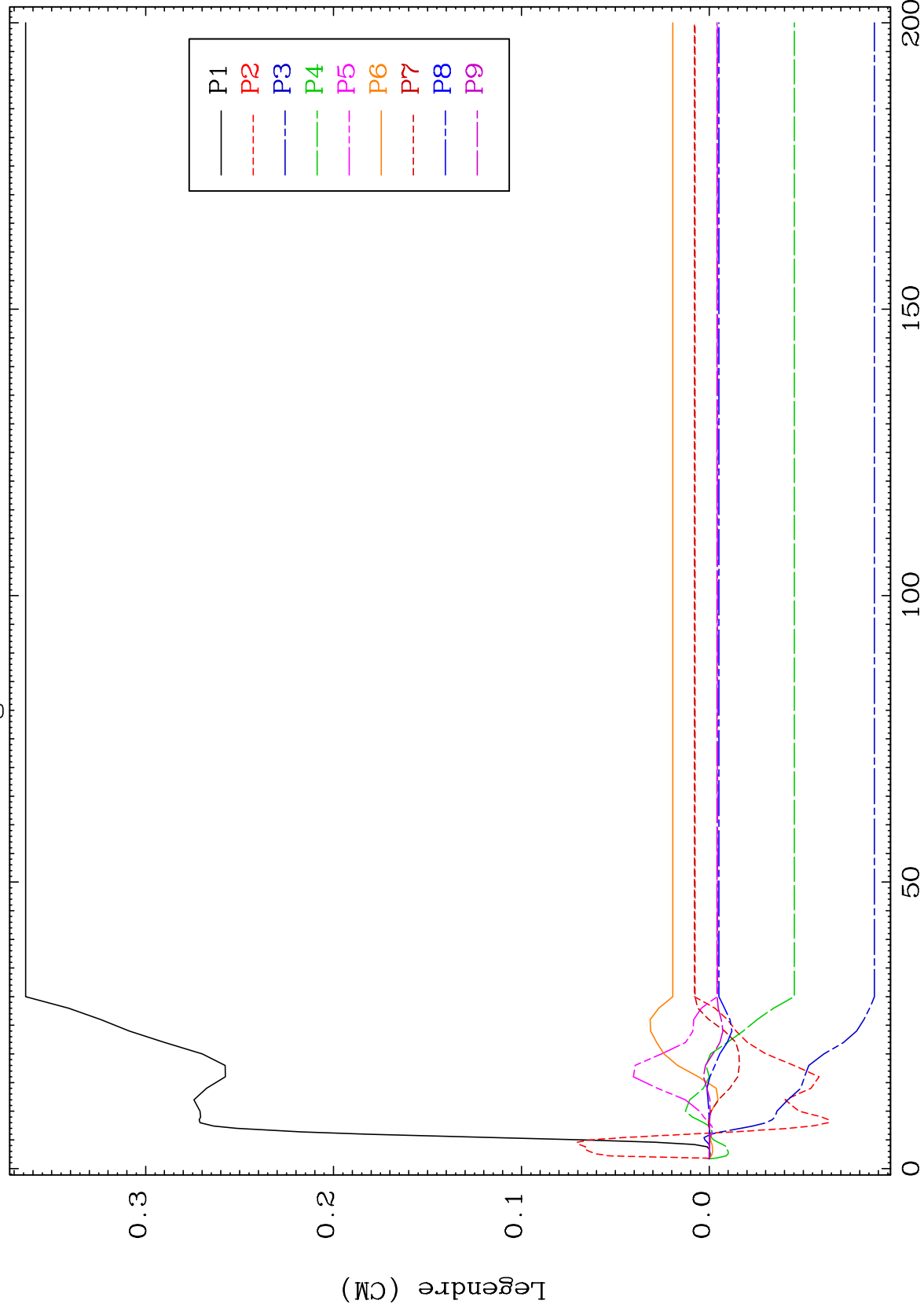
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



58

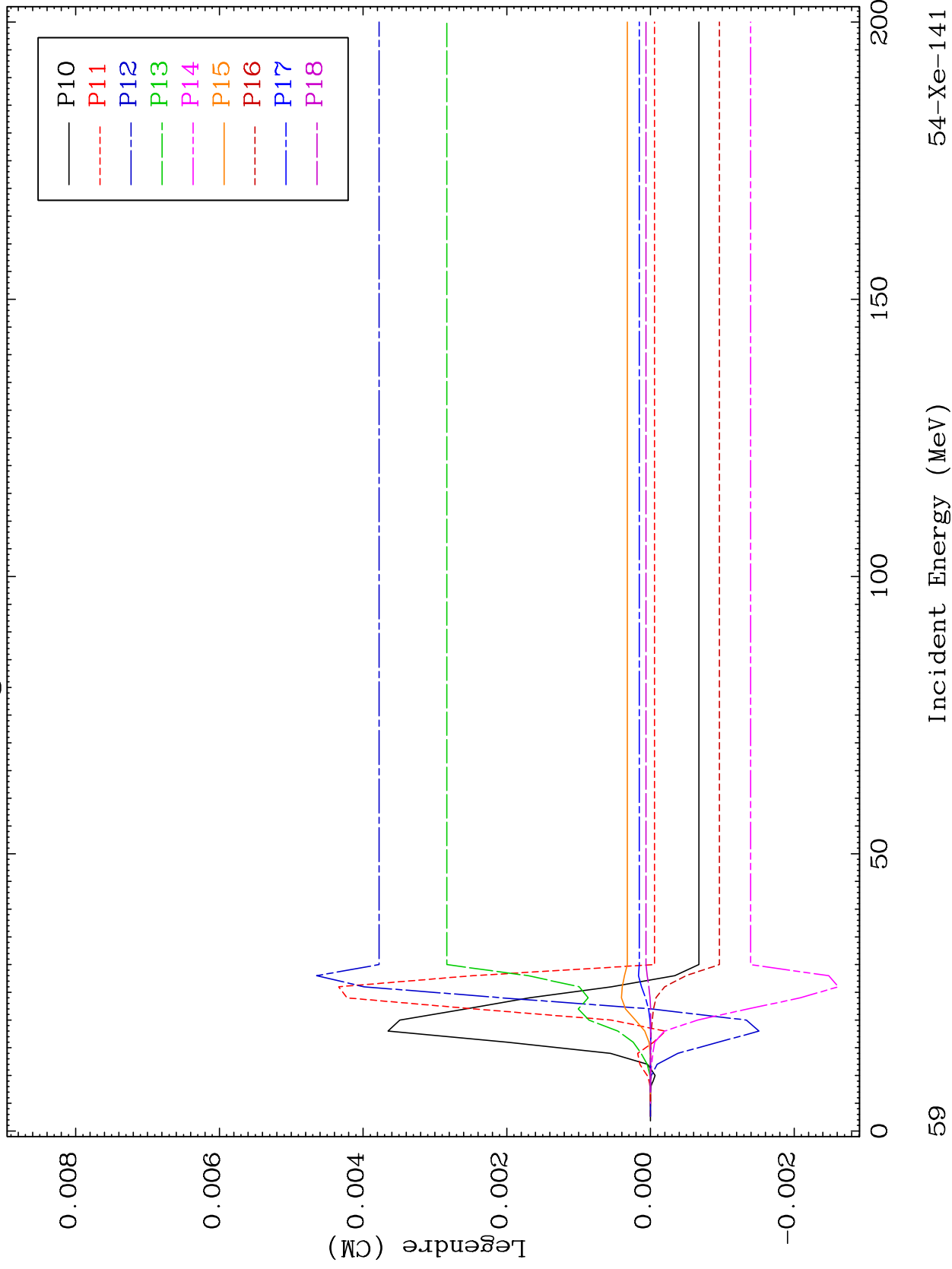
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

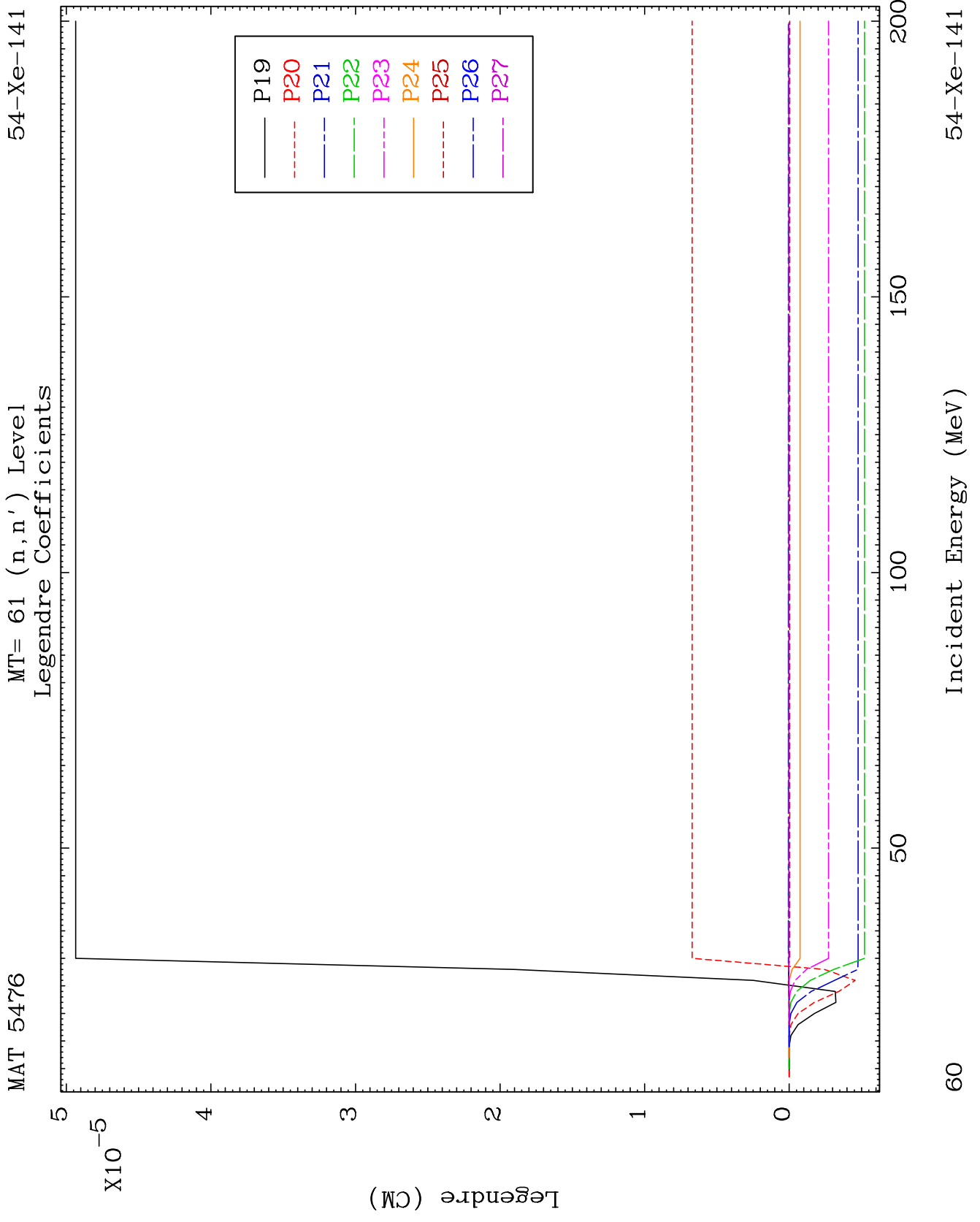
54-Xe-141

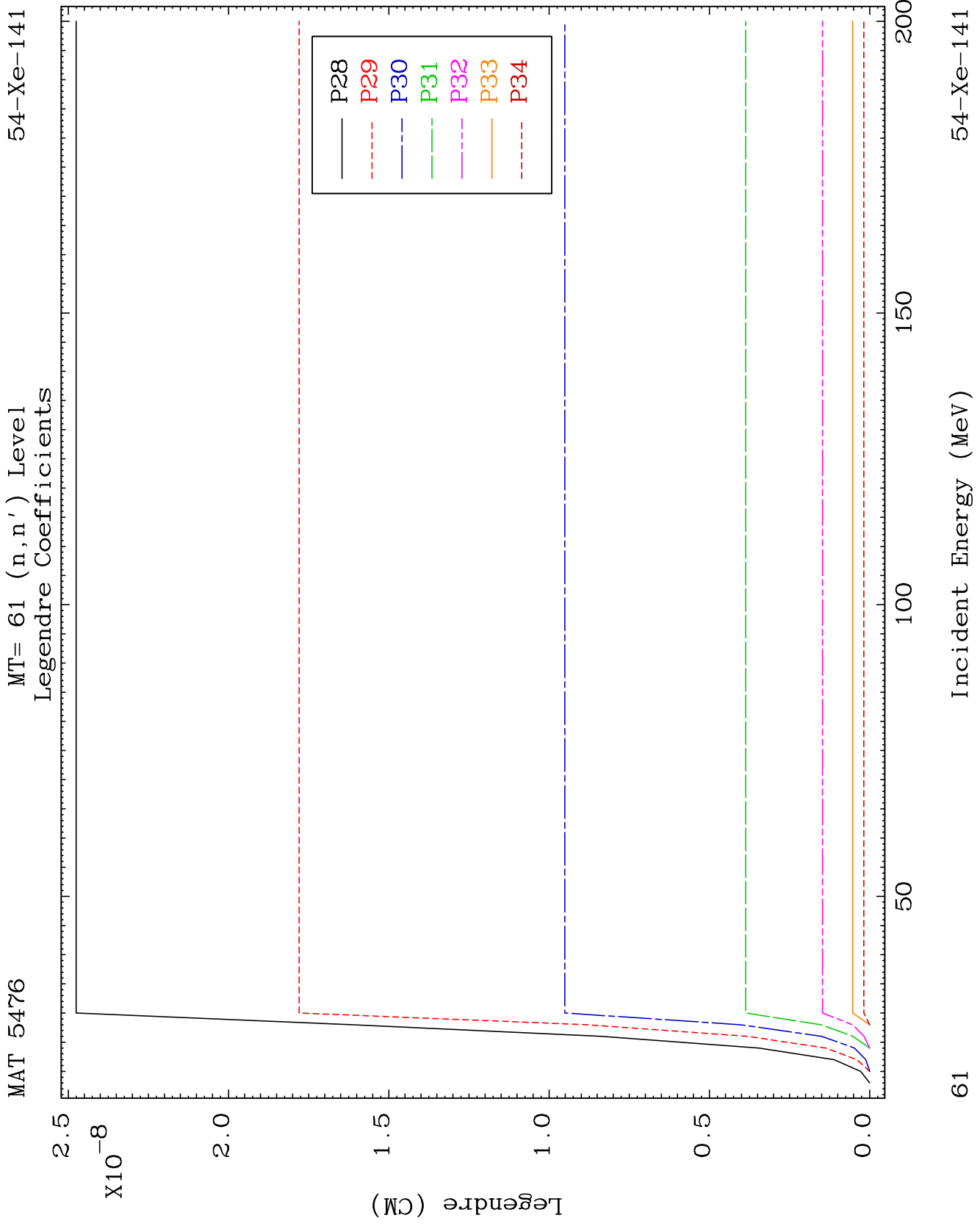


54-Xe-141

Incident Energy (MeV)

59

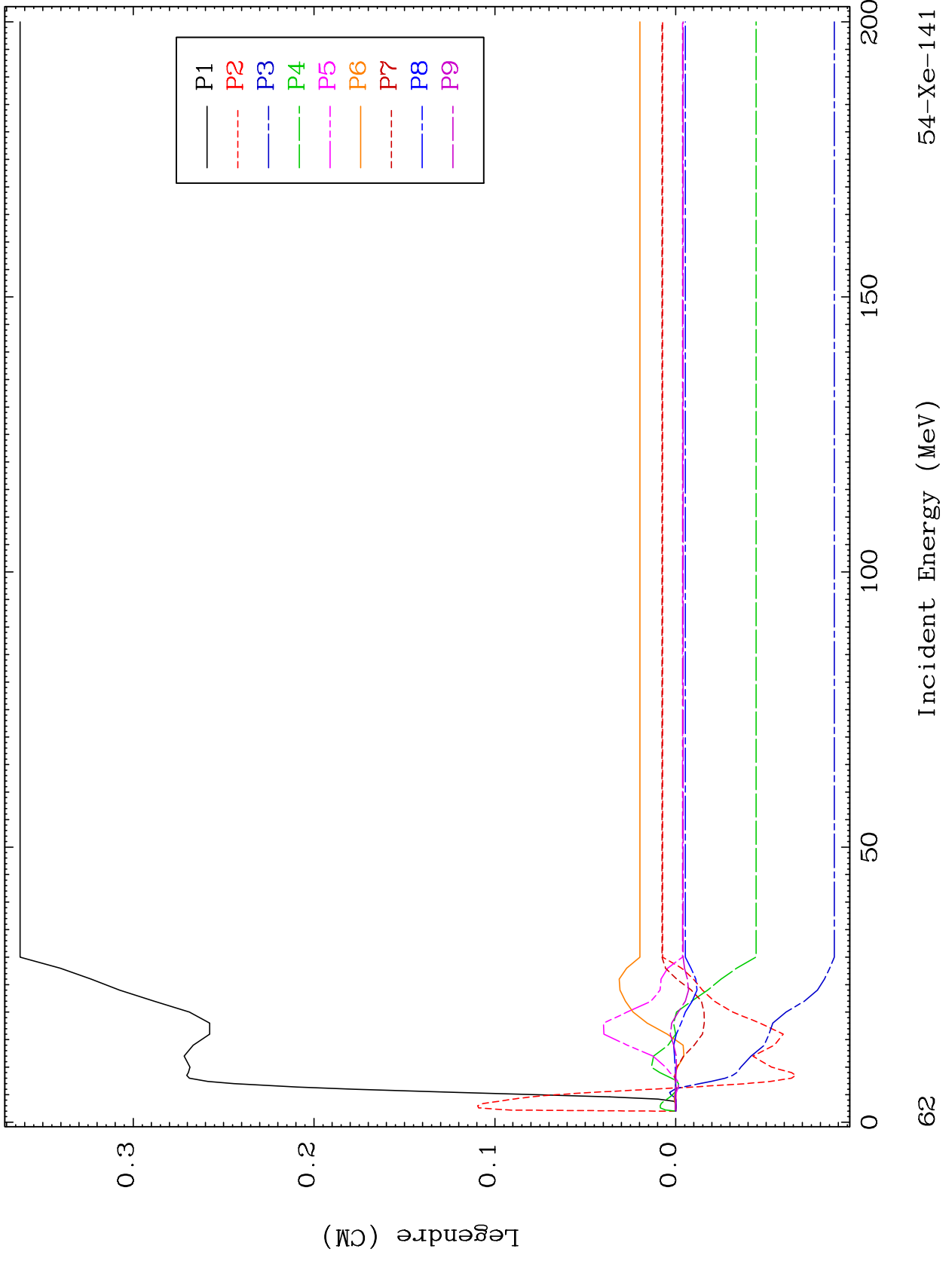




MAT 5476

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

54-Xe-141



54-Xe-141

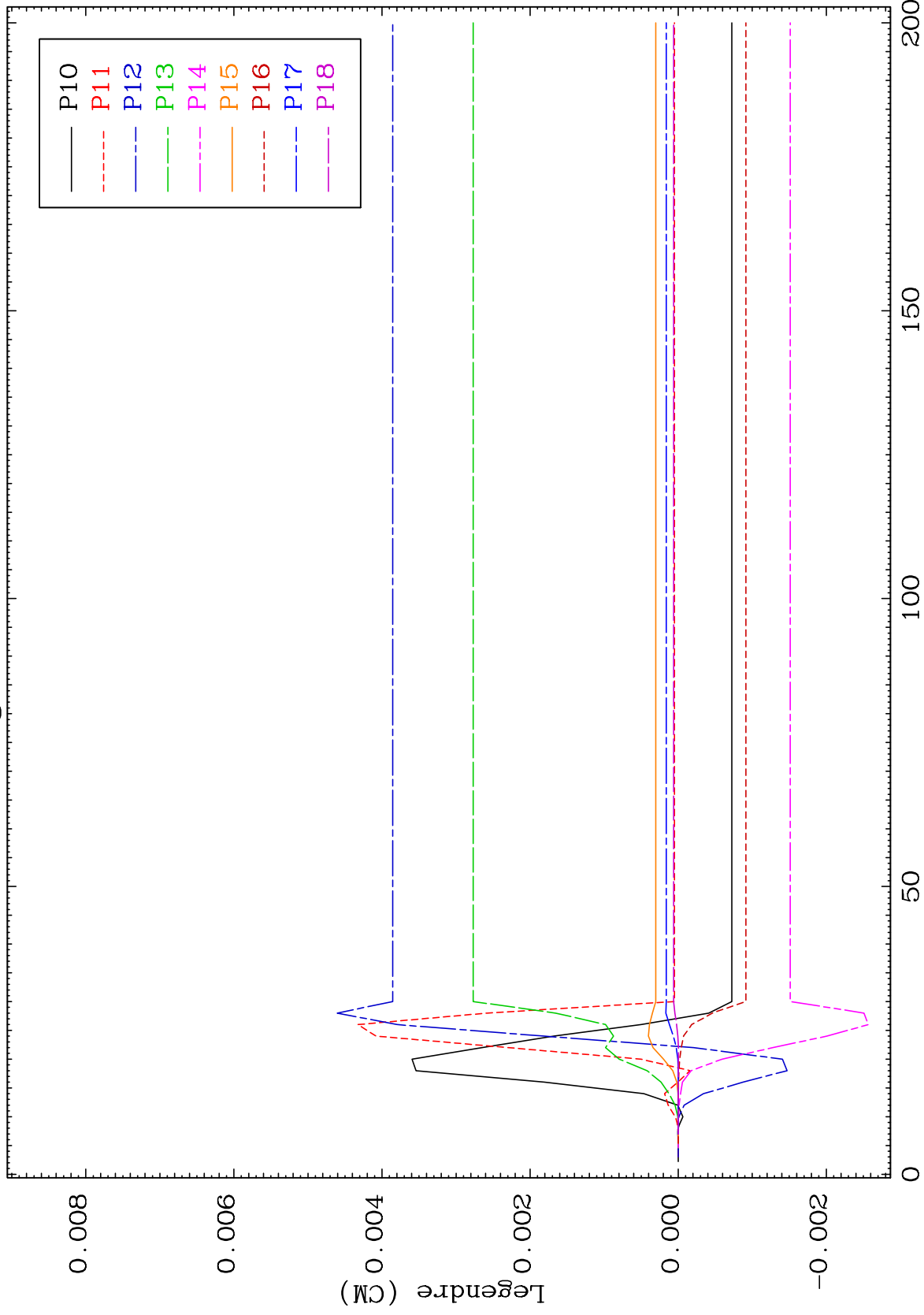
Incident Energy (MeV)

62

MAT 5476

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

54-Xe-141



63

Incident Energy (MeV)

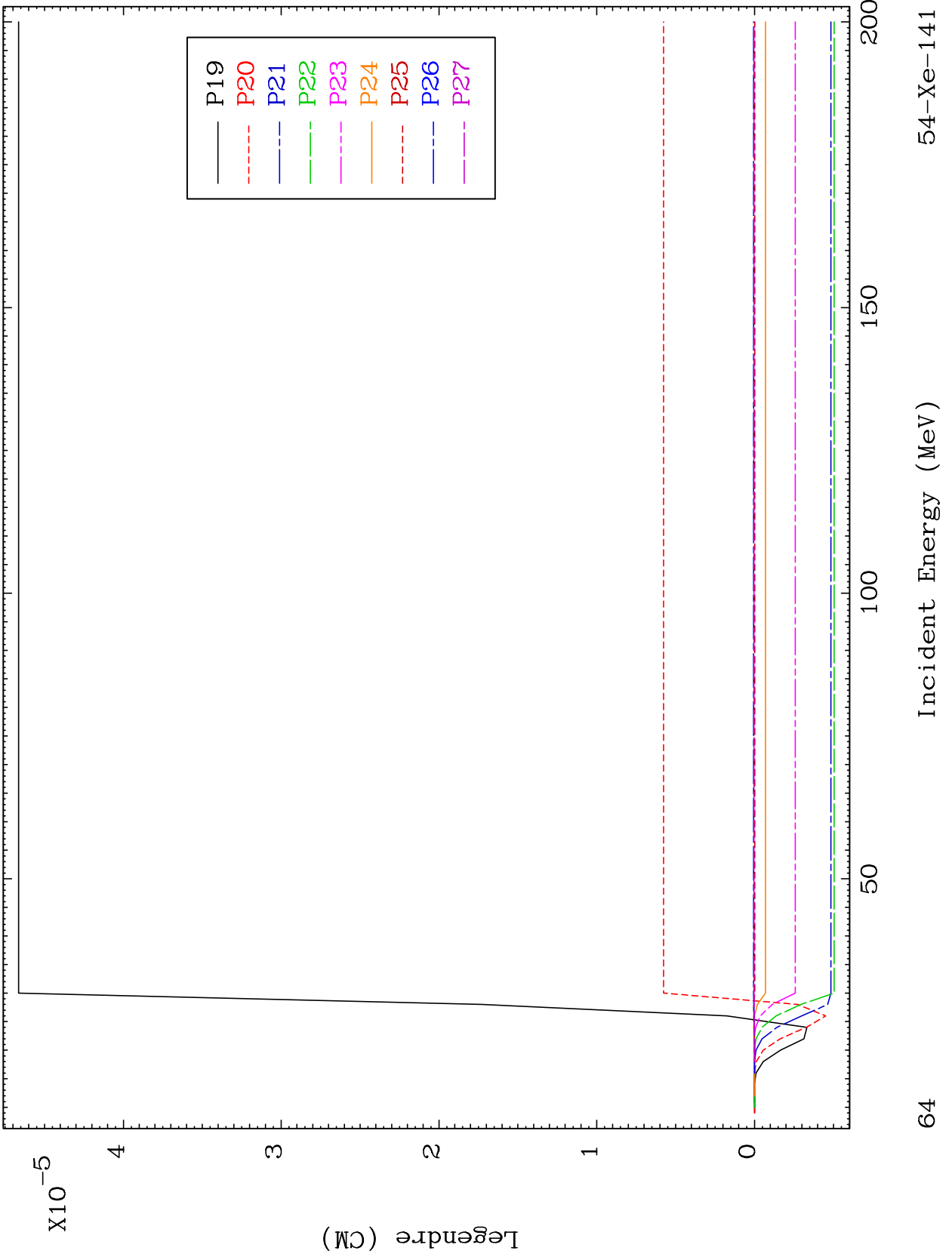
54-Xe-141



MAT 5476

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

54-Xe-141



64

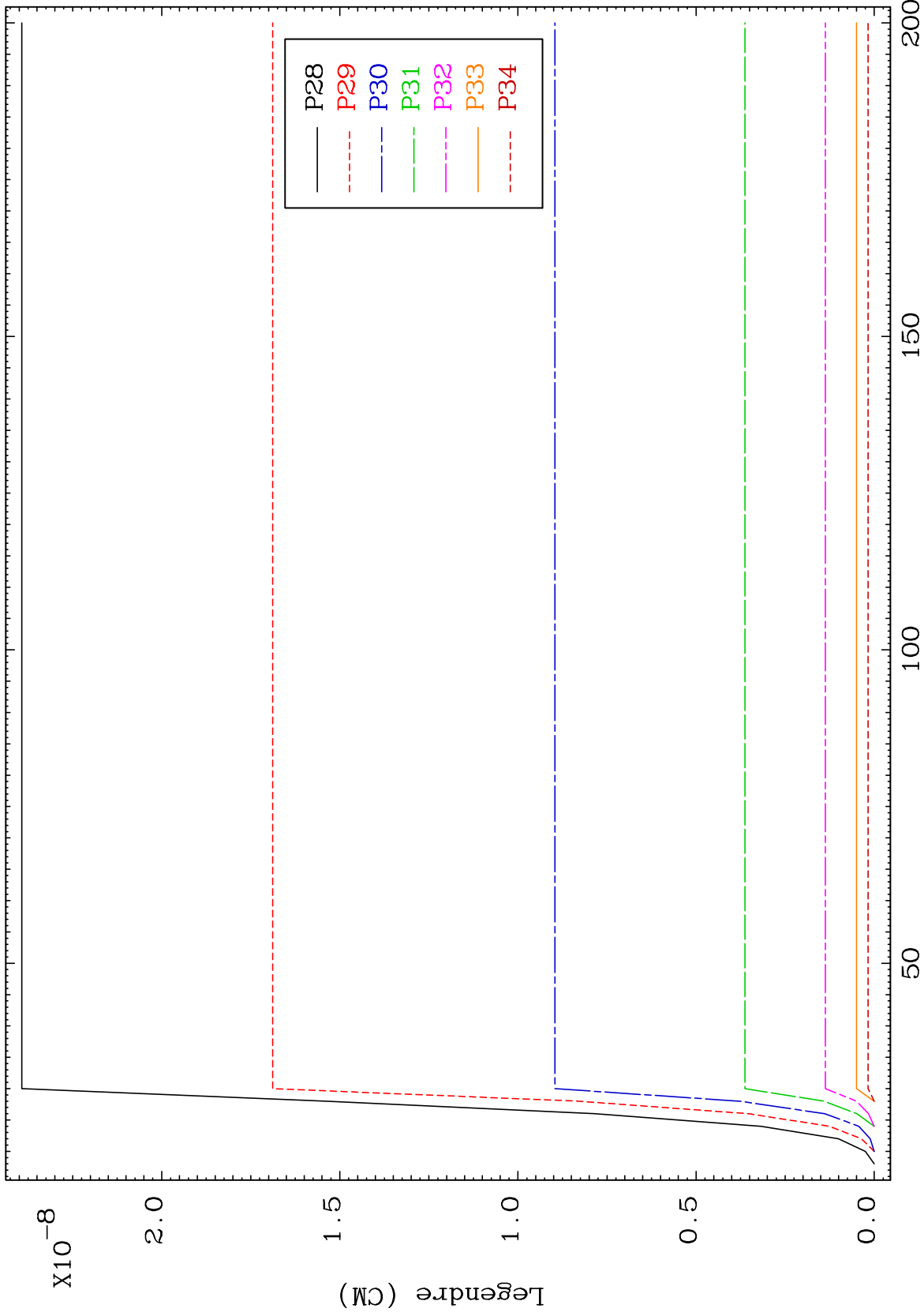
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



65

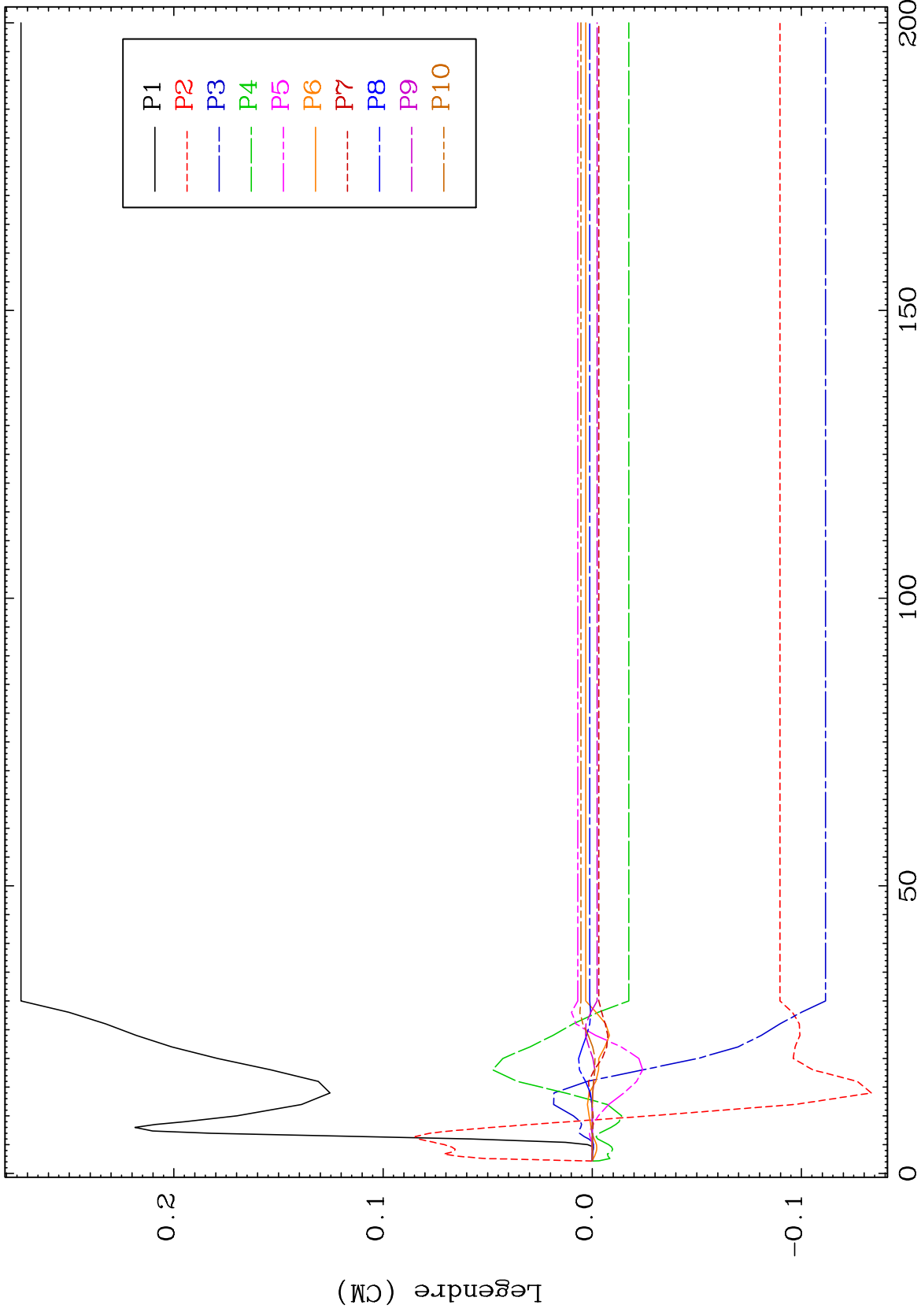
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



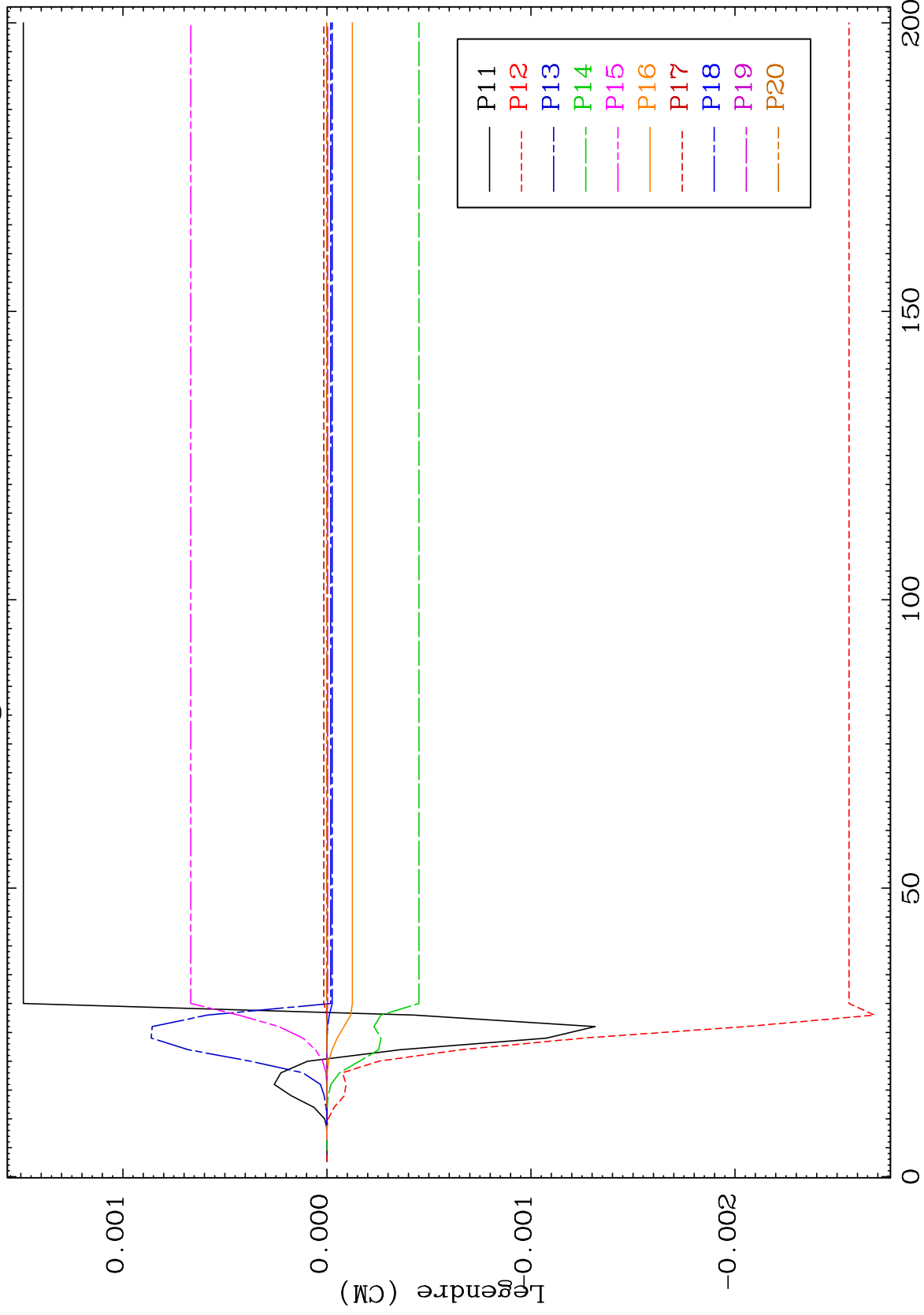
66

54-Xe-141

MAT 5476

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

54-Xe-141



67

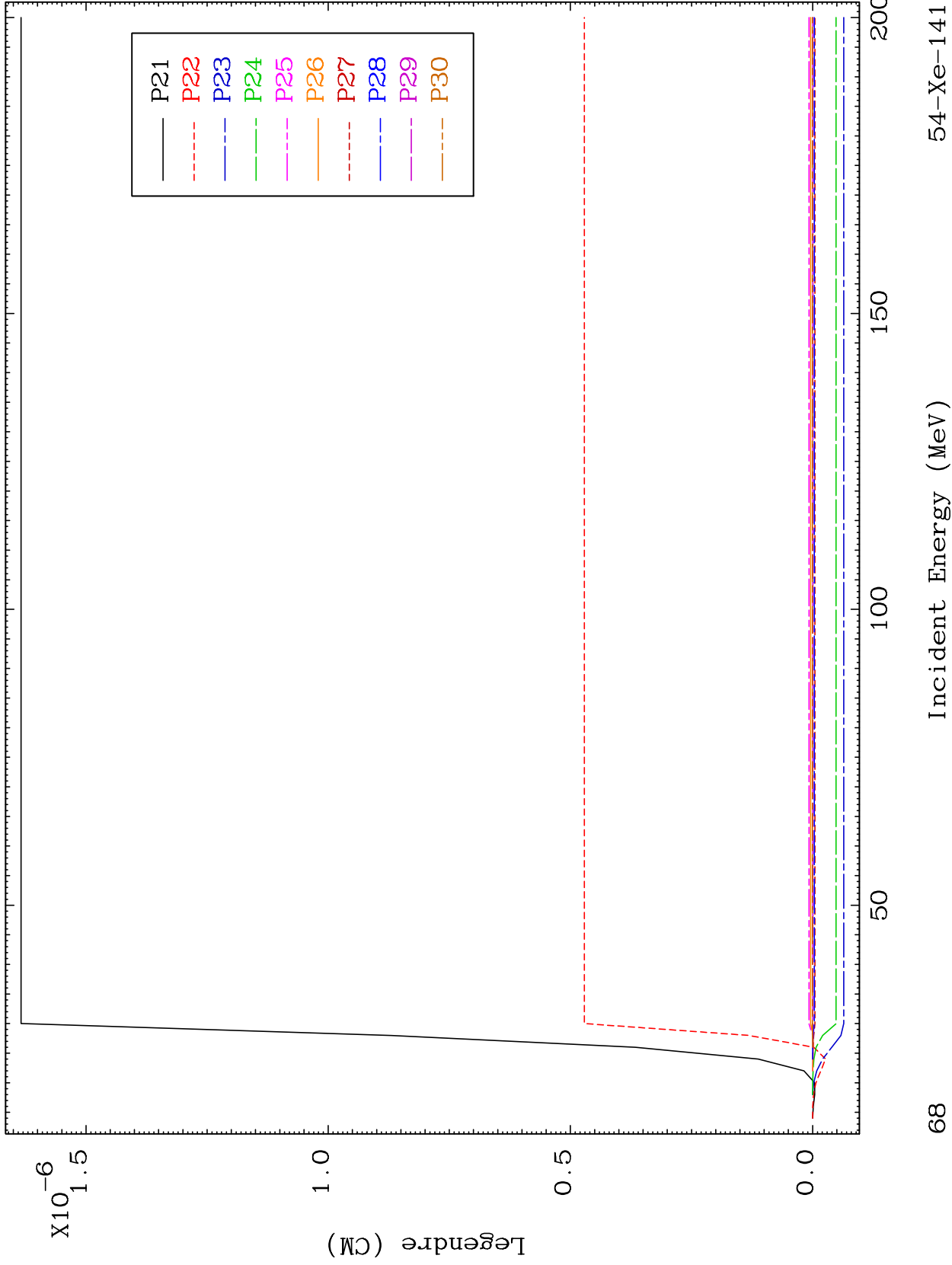
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



68

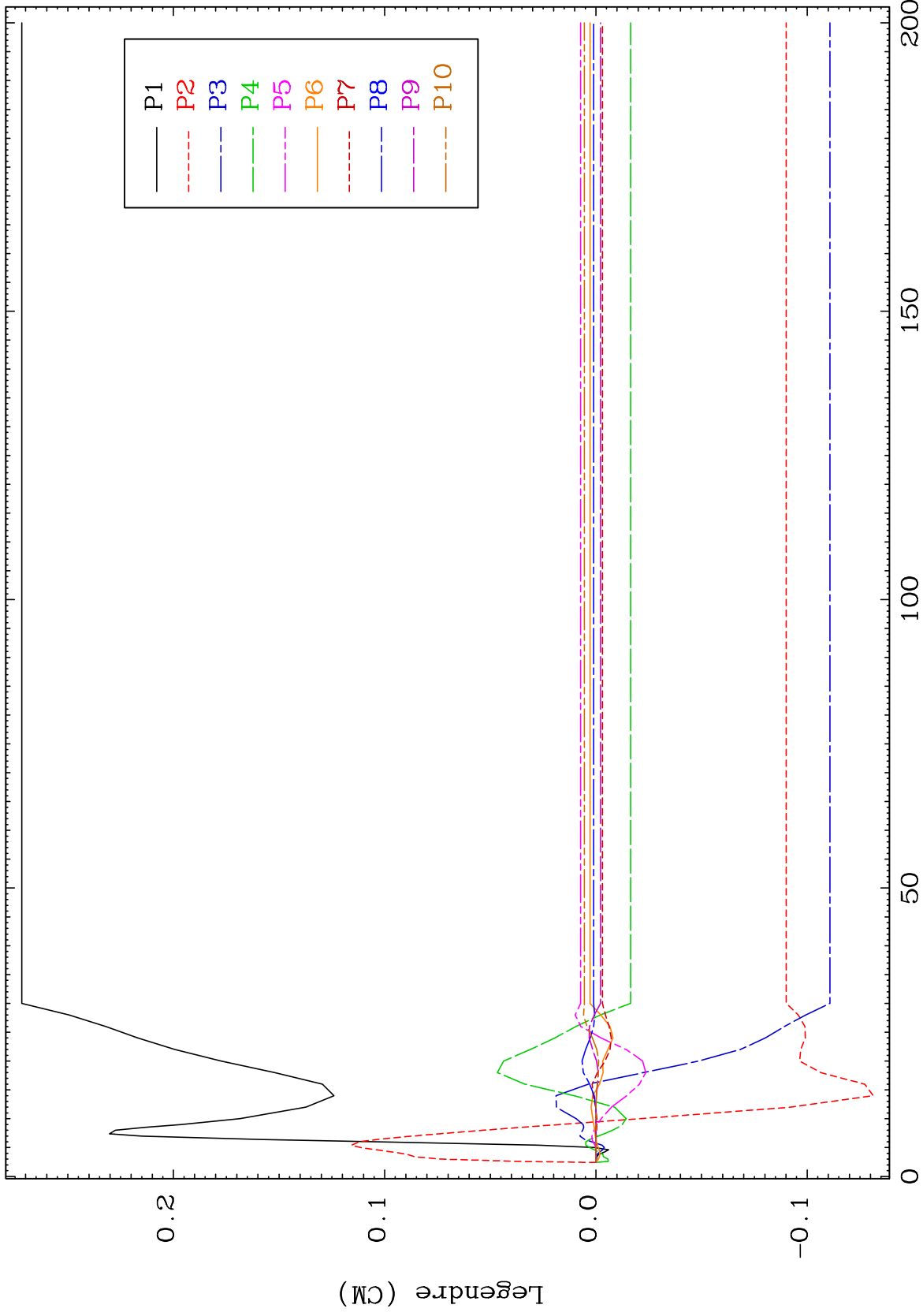
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



69

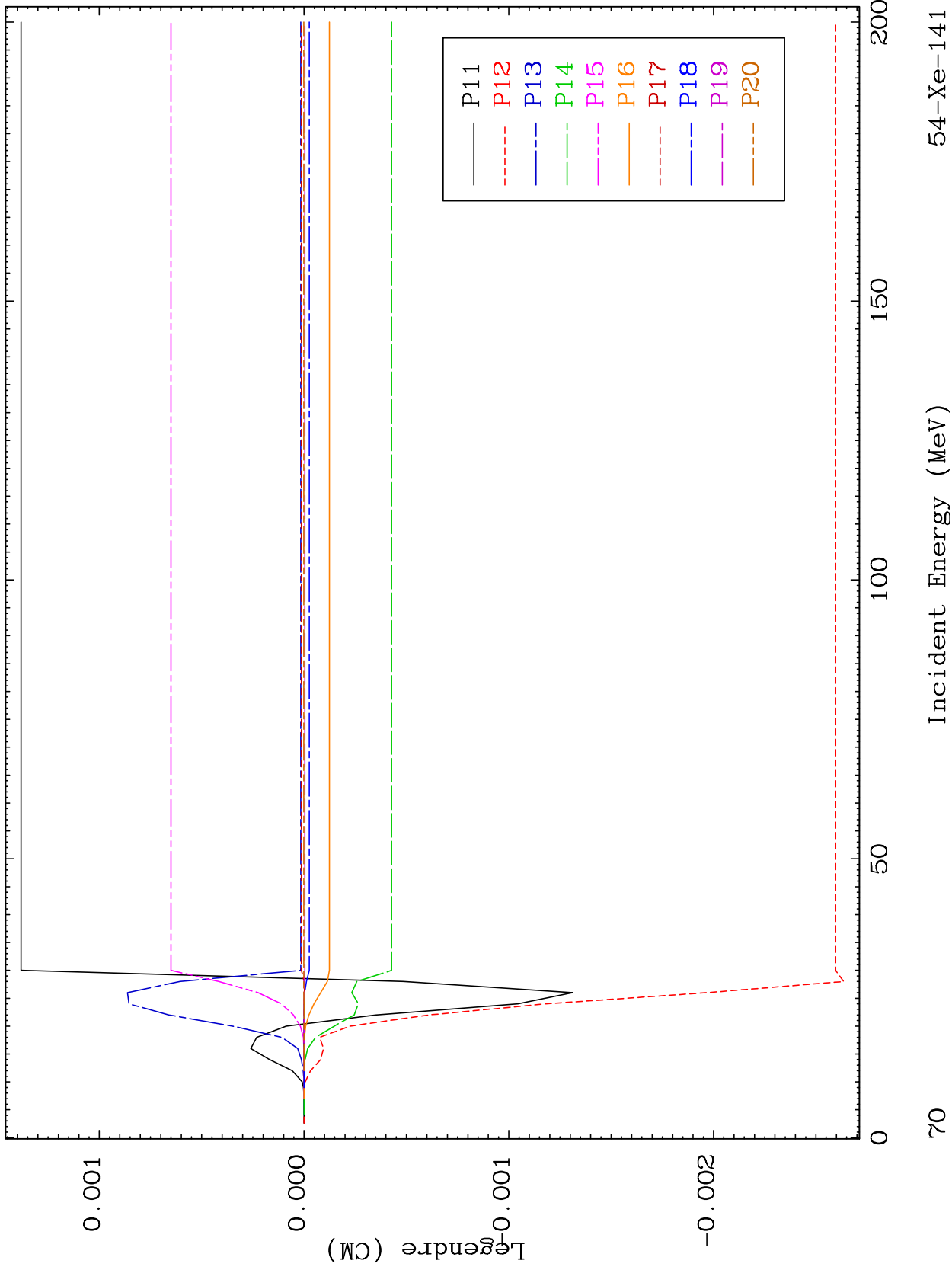
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



70

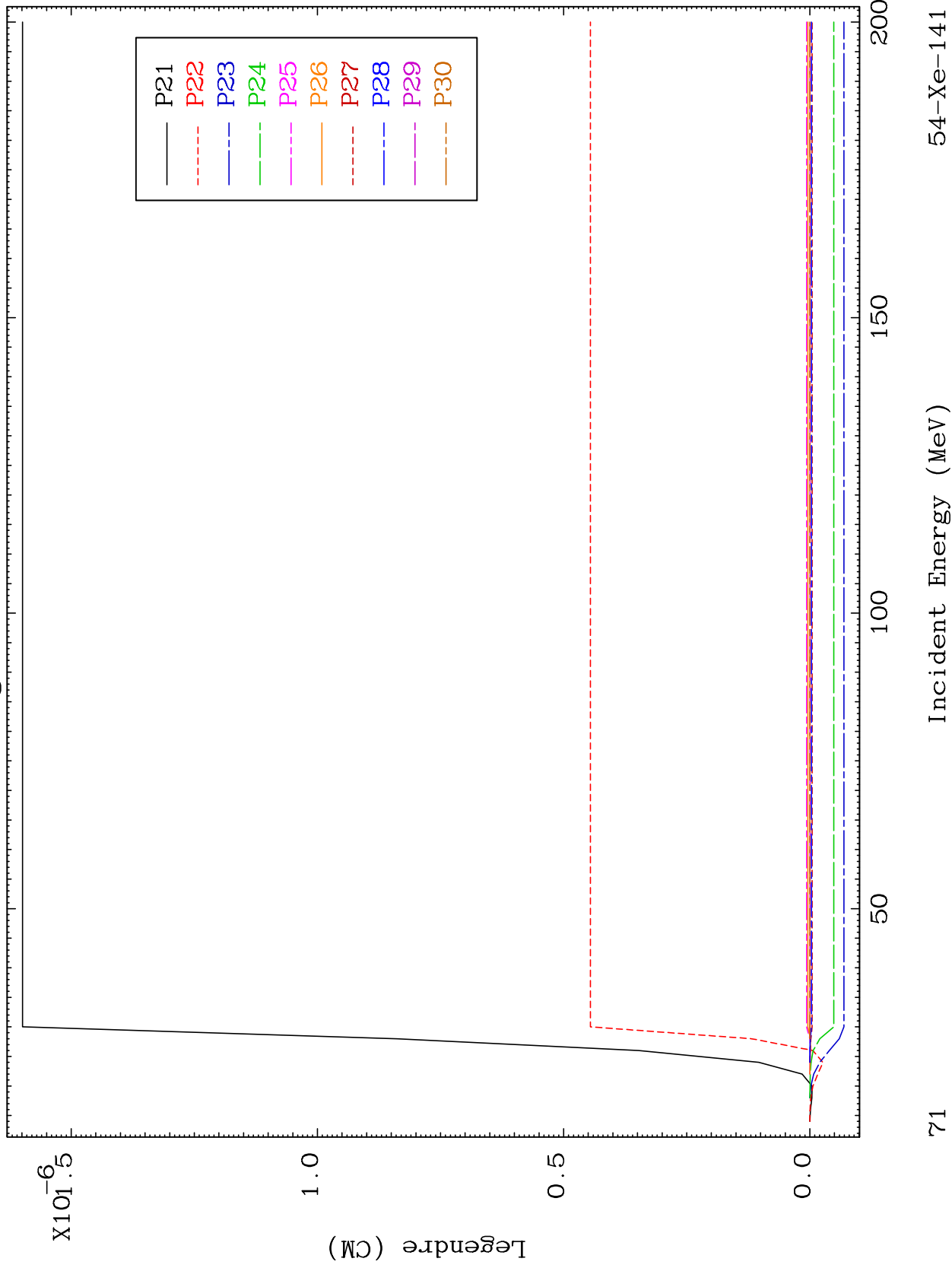
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141

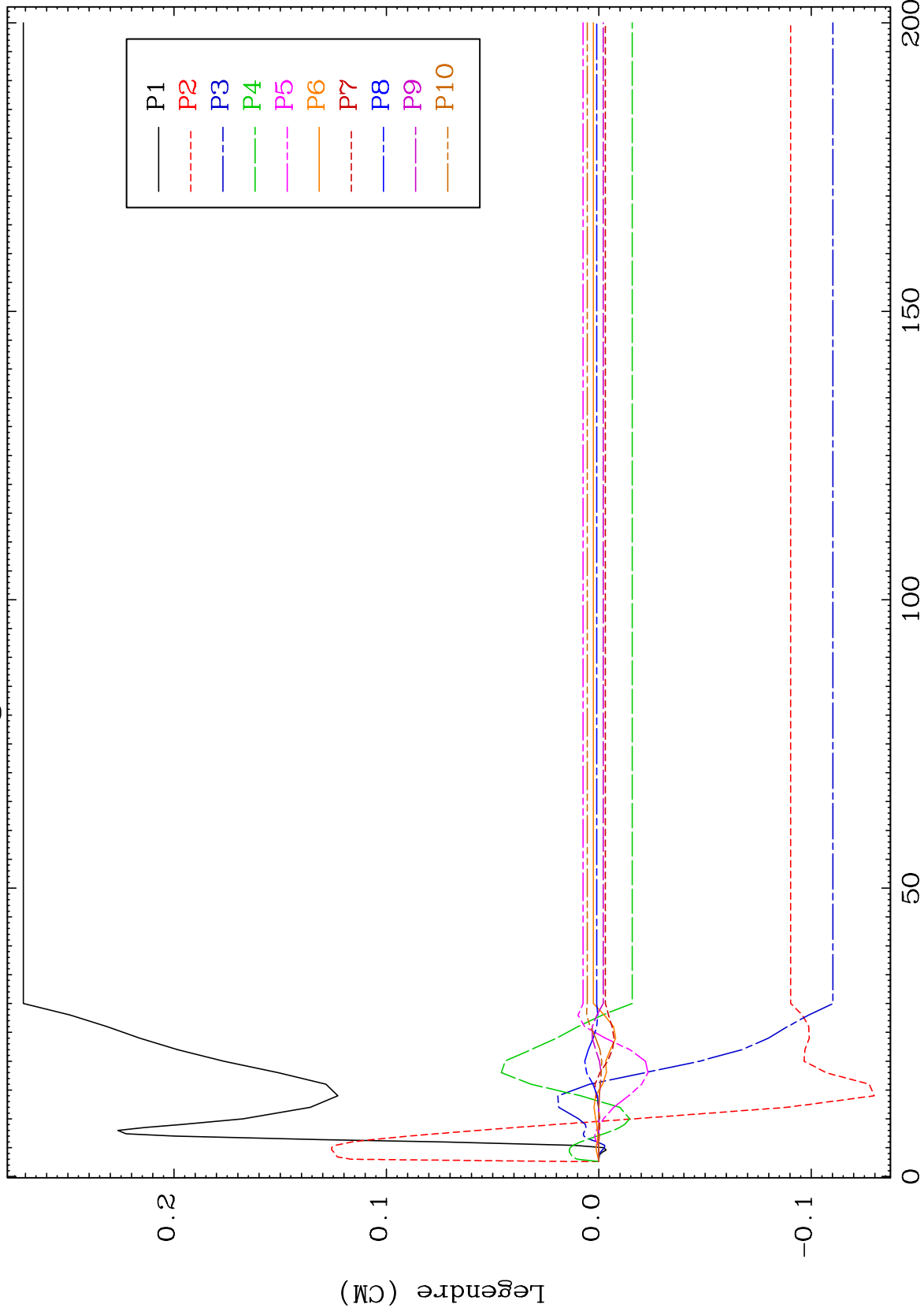




MAT 5476

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

54-Xe-141



72

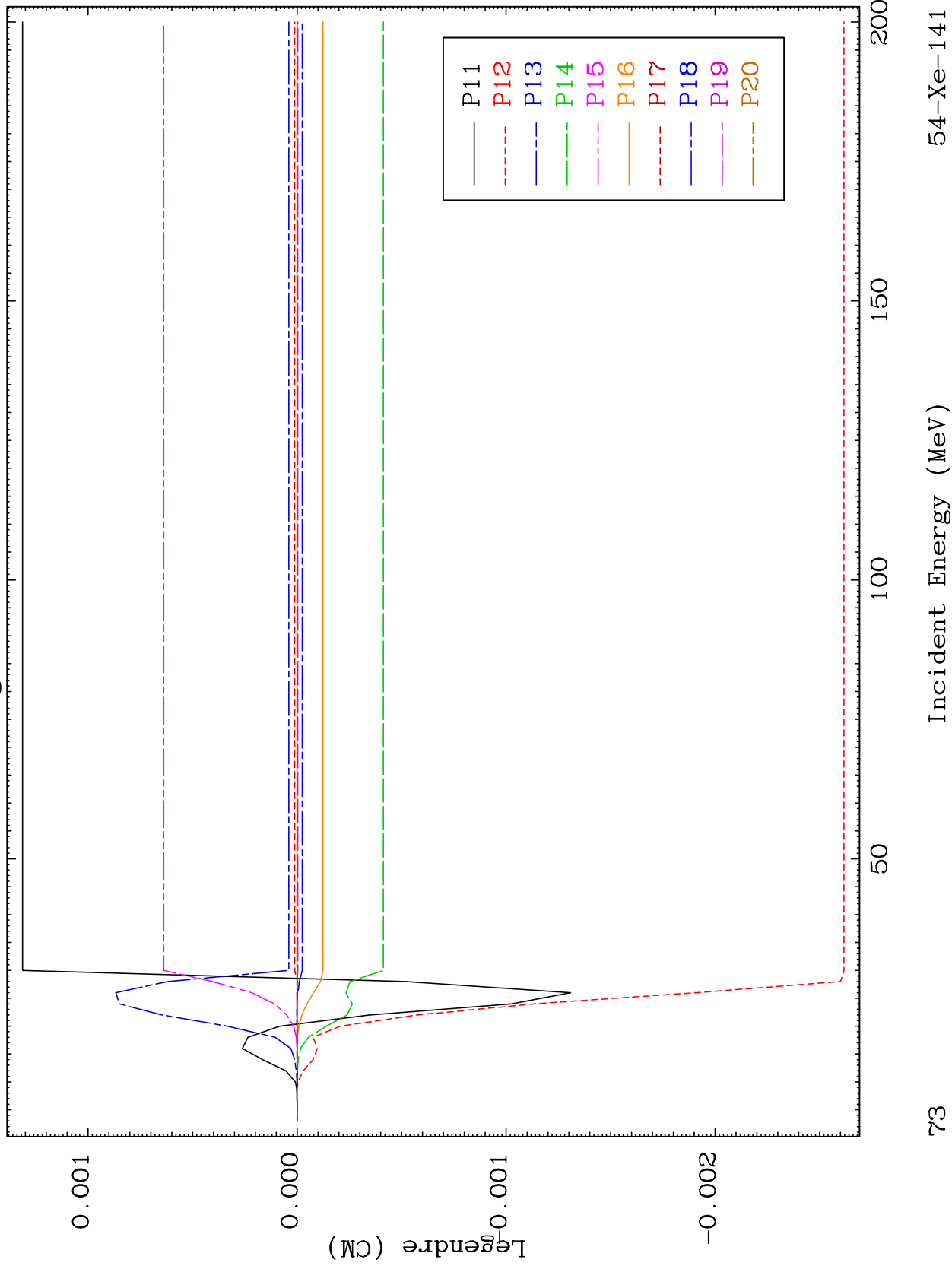
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



73

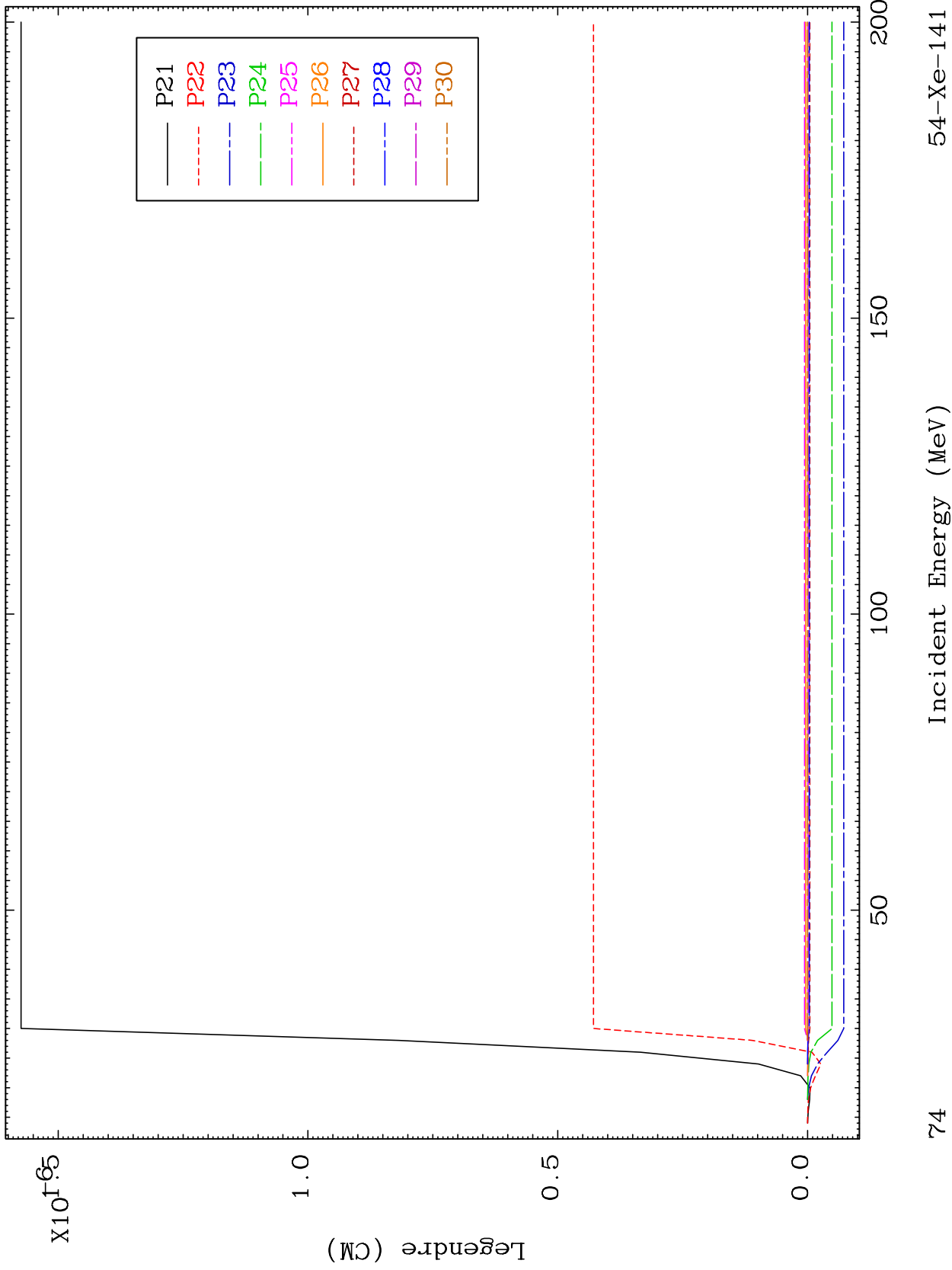
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



74

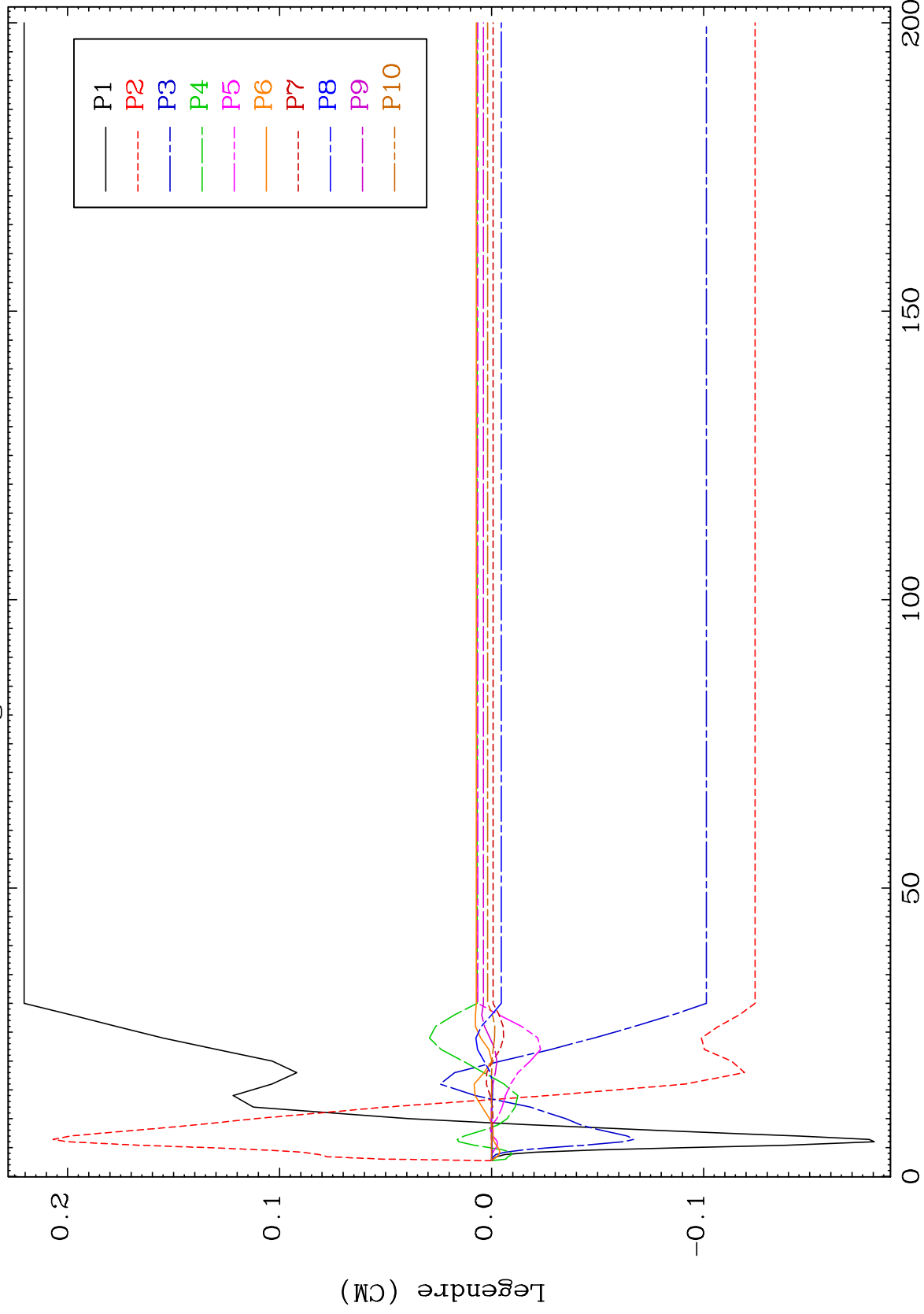
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



75

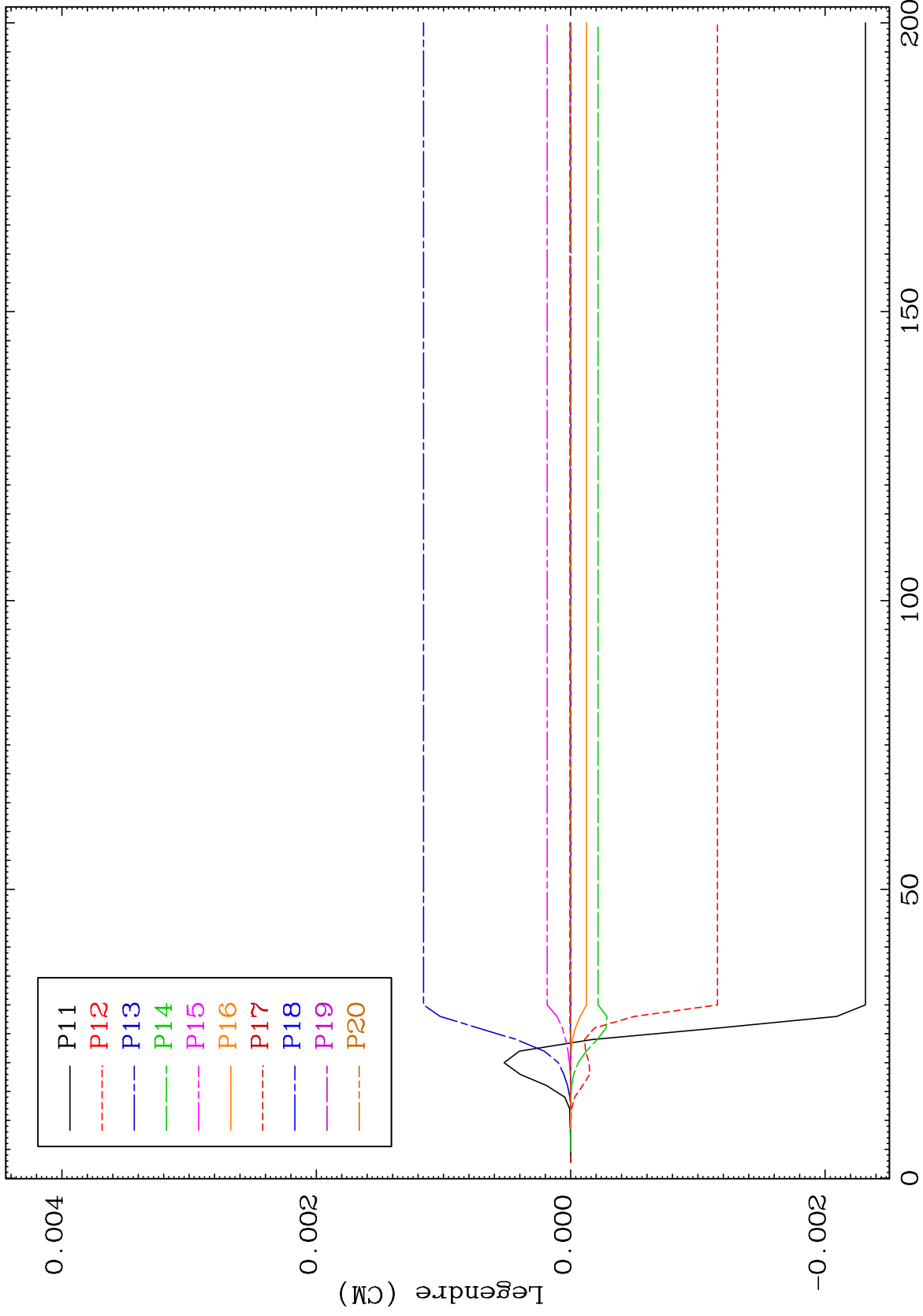
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



76

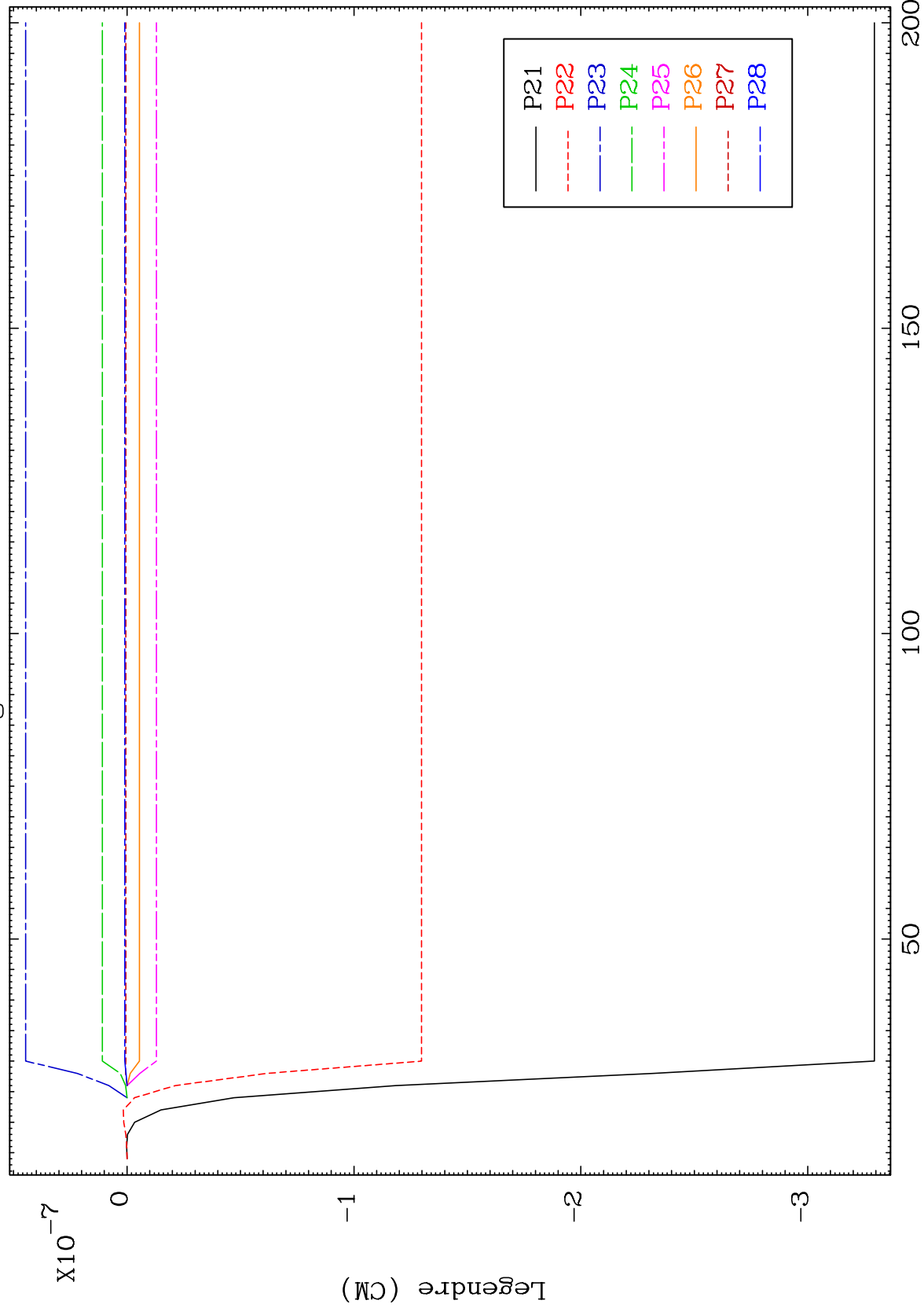
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



77

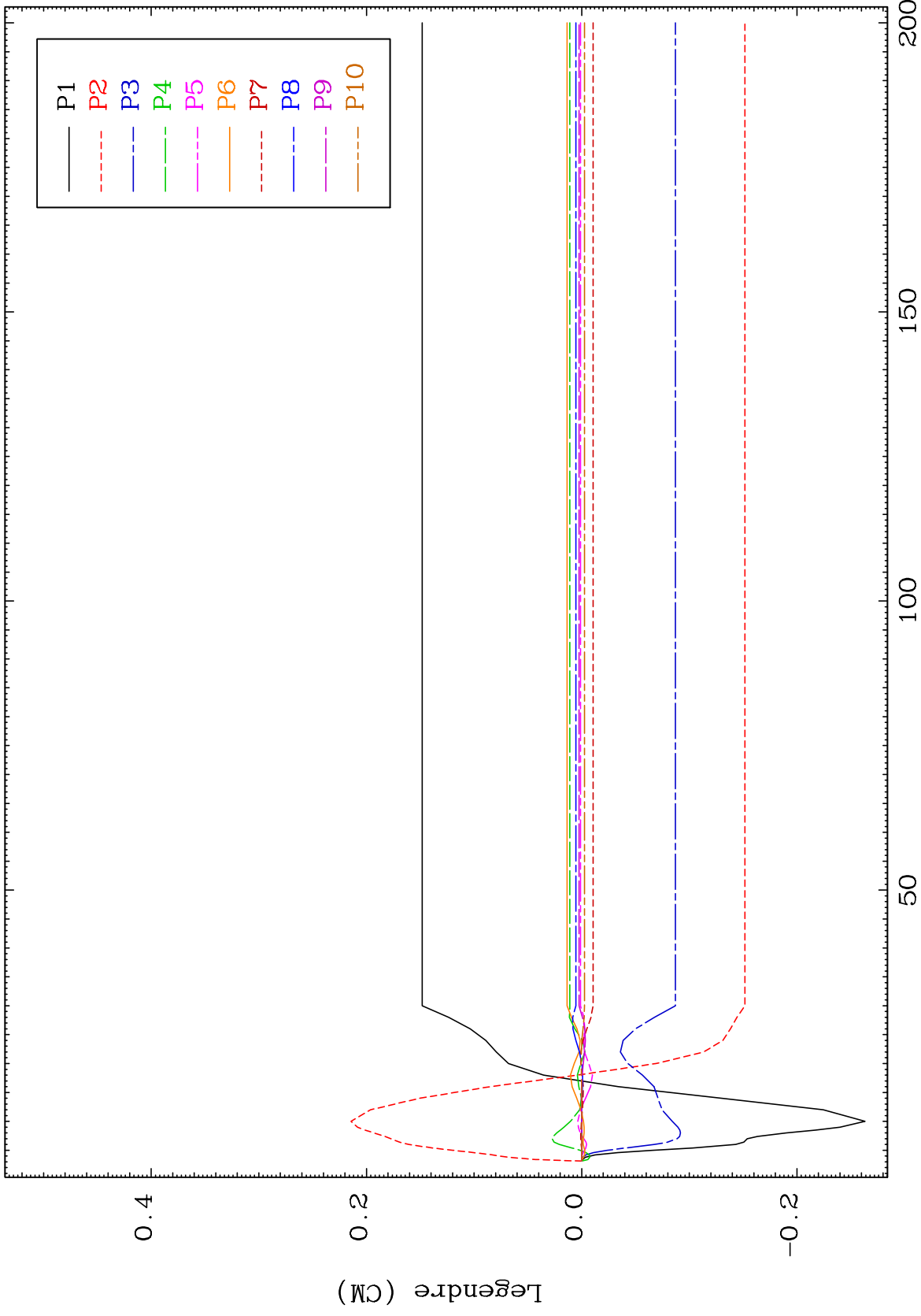
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



78

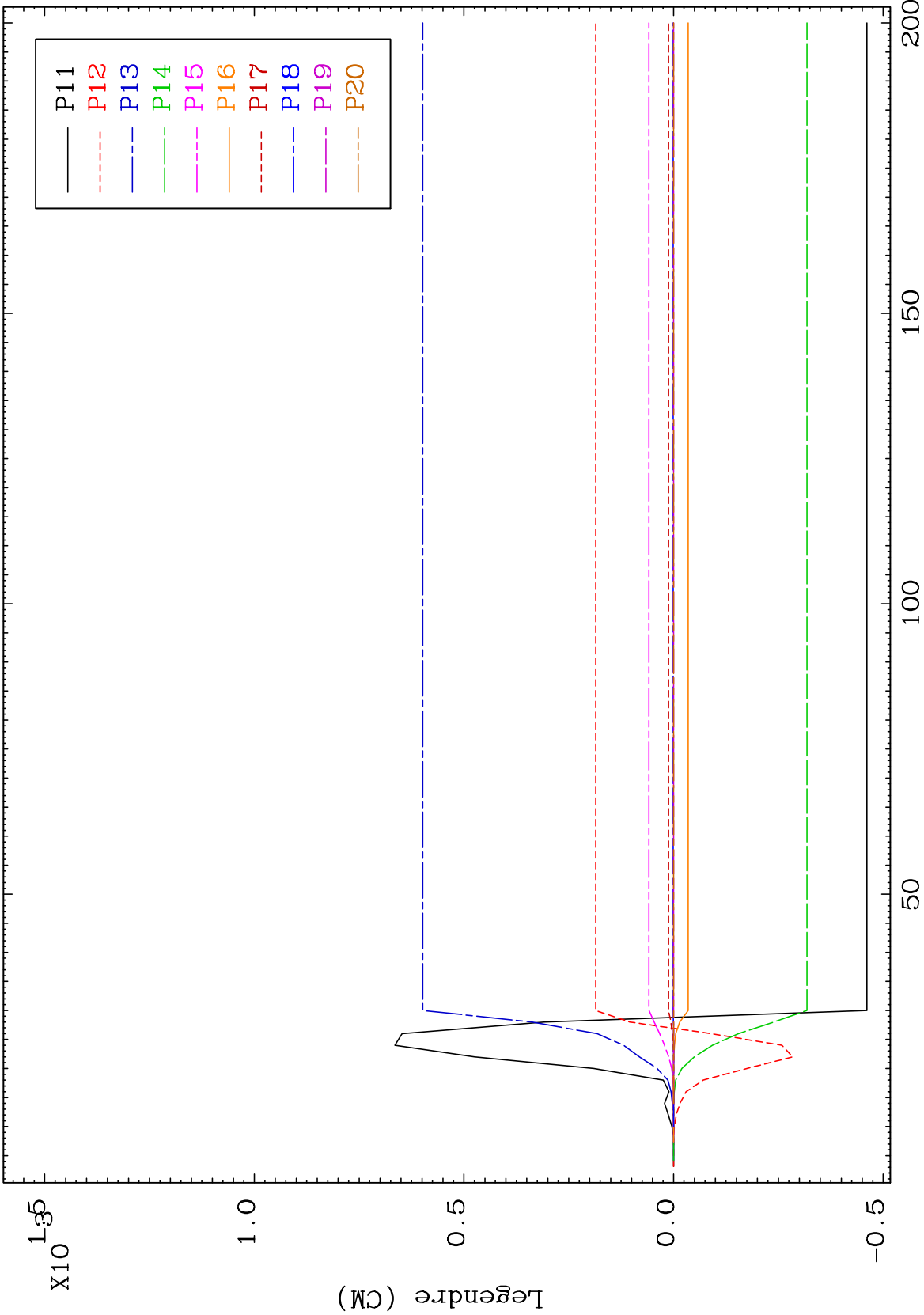
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



79

Incident Energy (MeV)

54-Xe-141

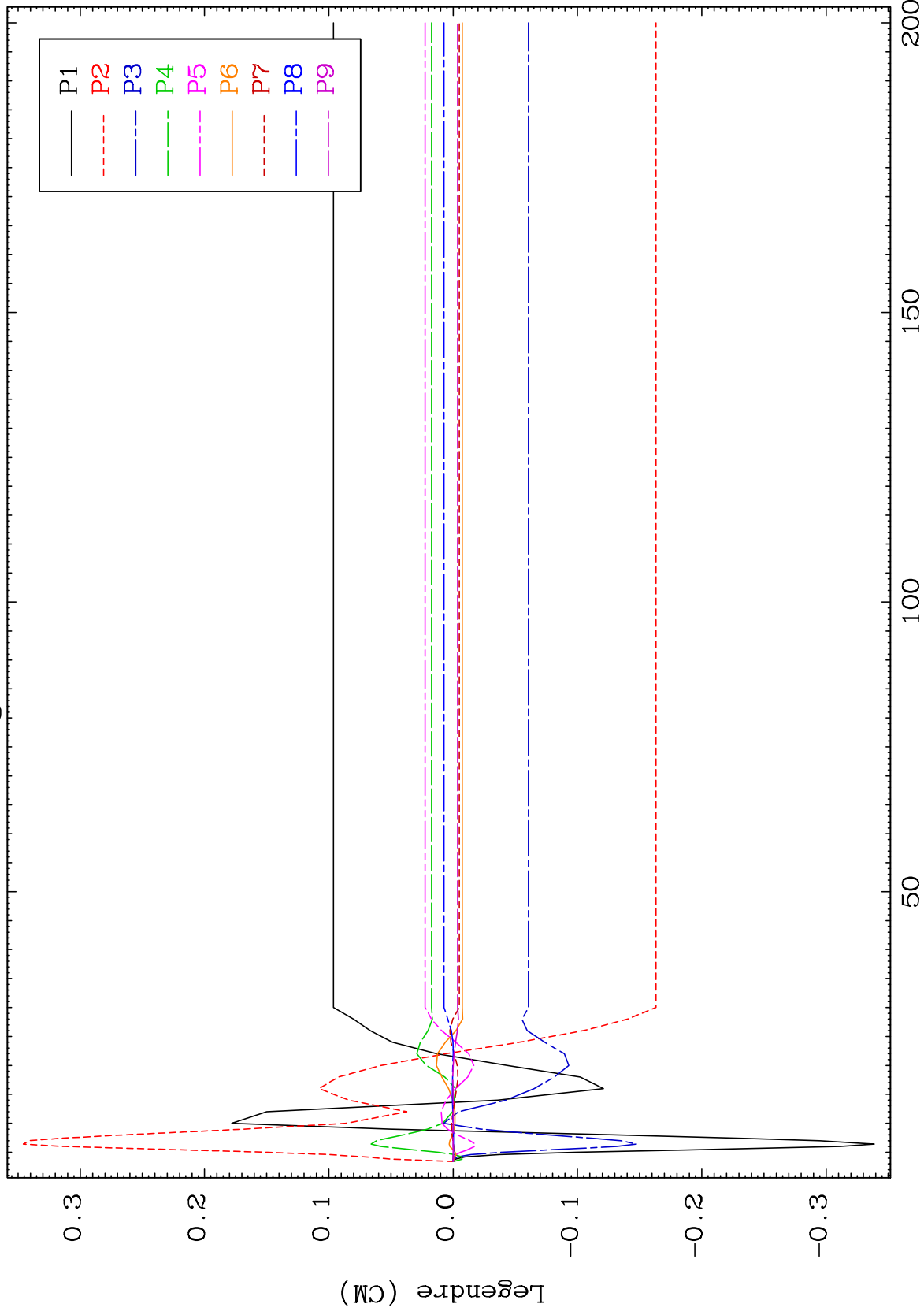




MAT 5476

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

54-Xe-141



81

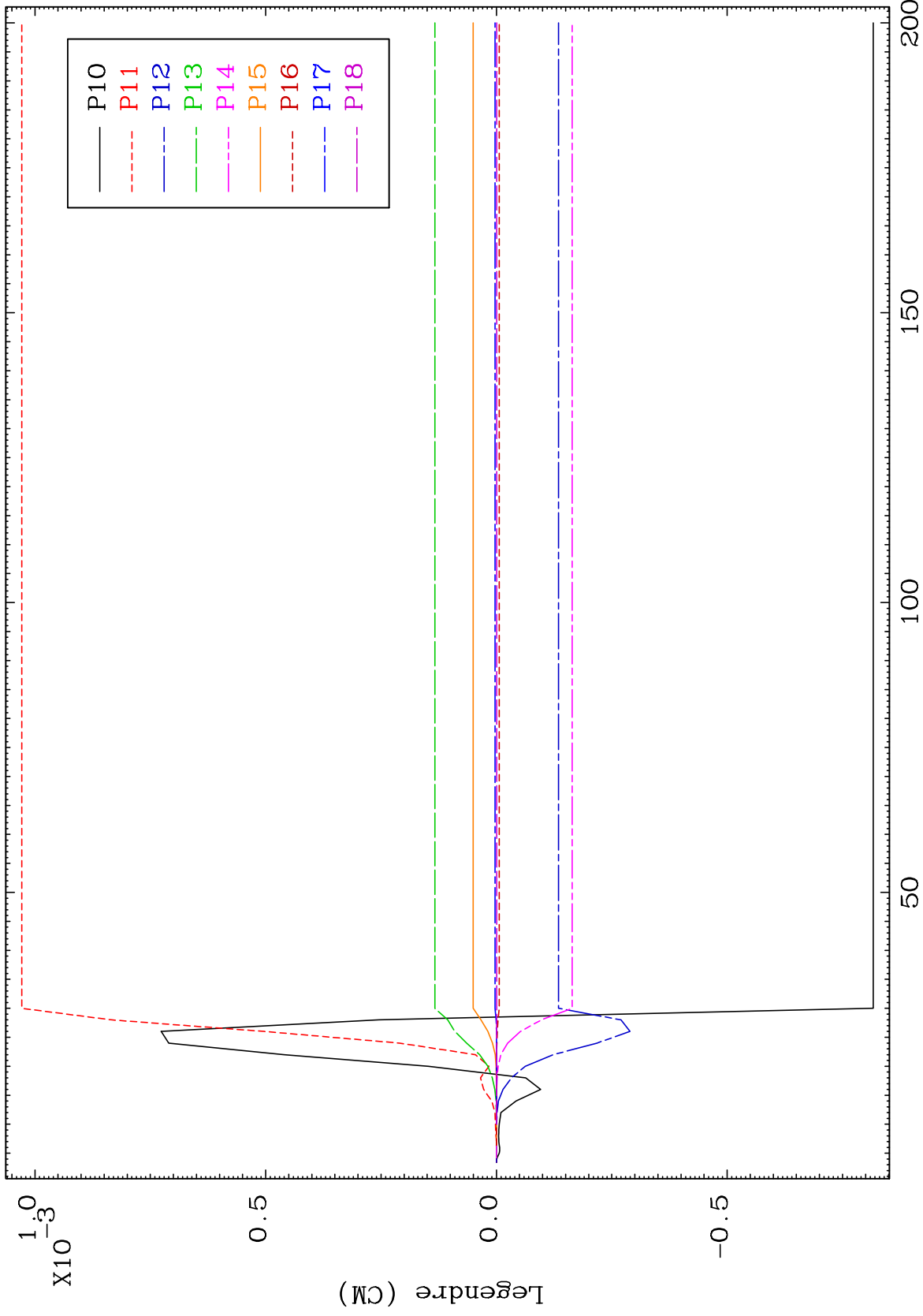
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



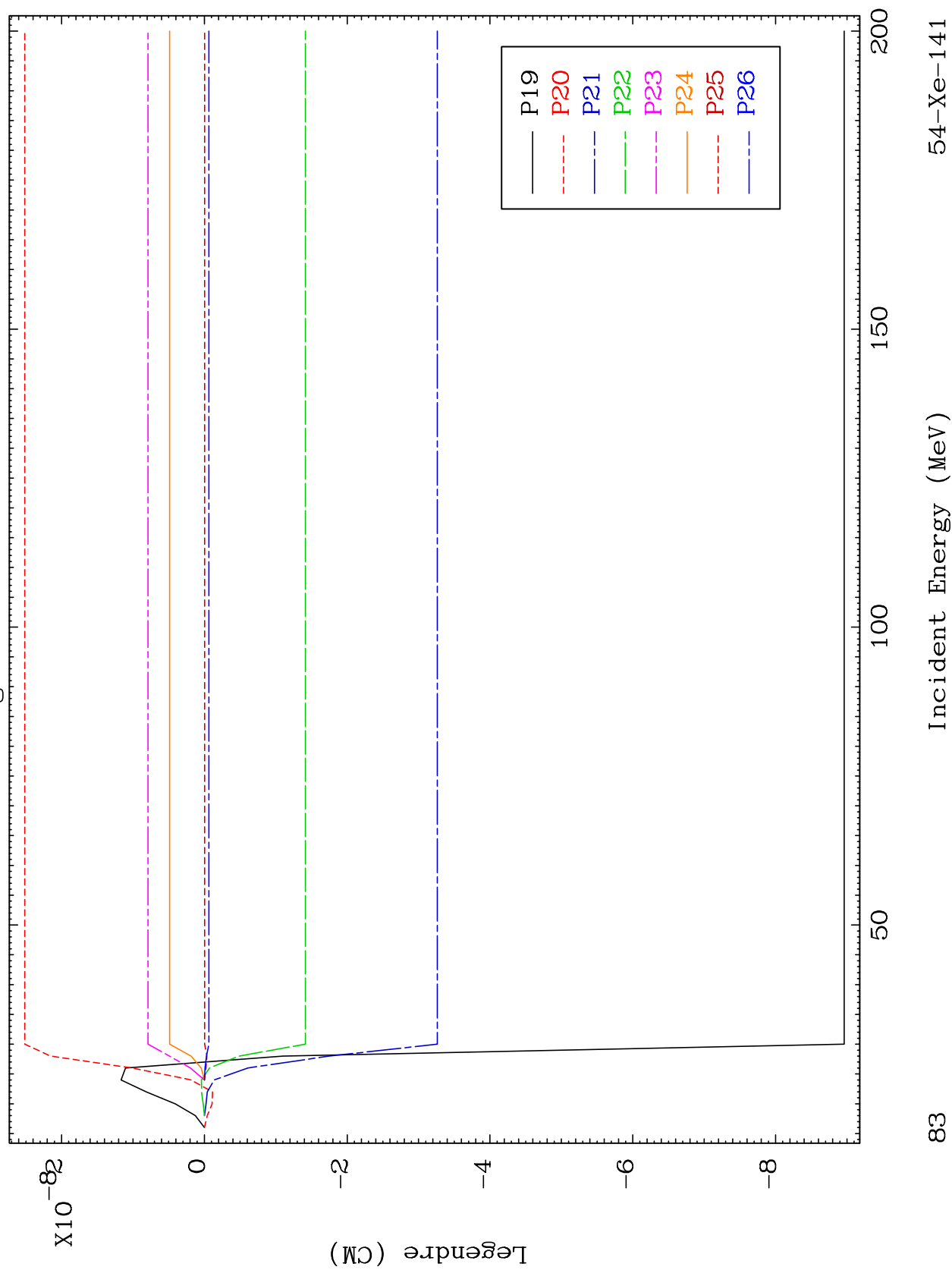
82

54-Xe-141

MAT 5476

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

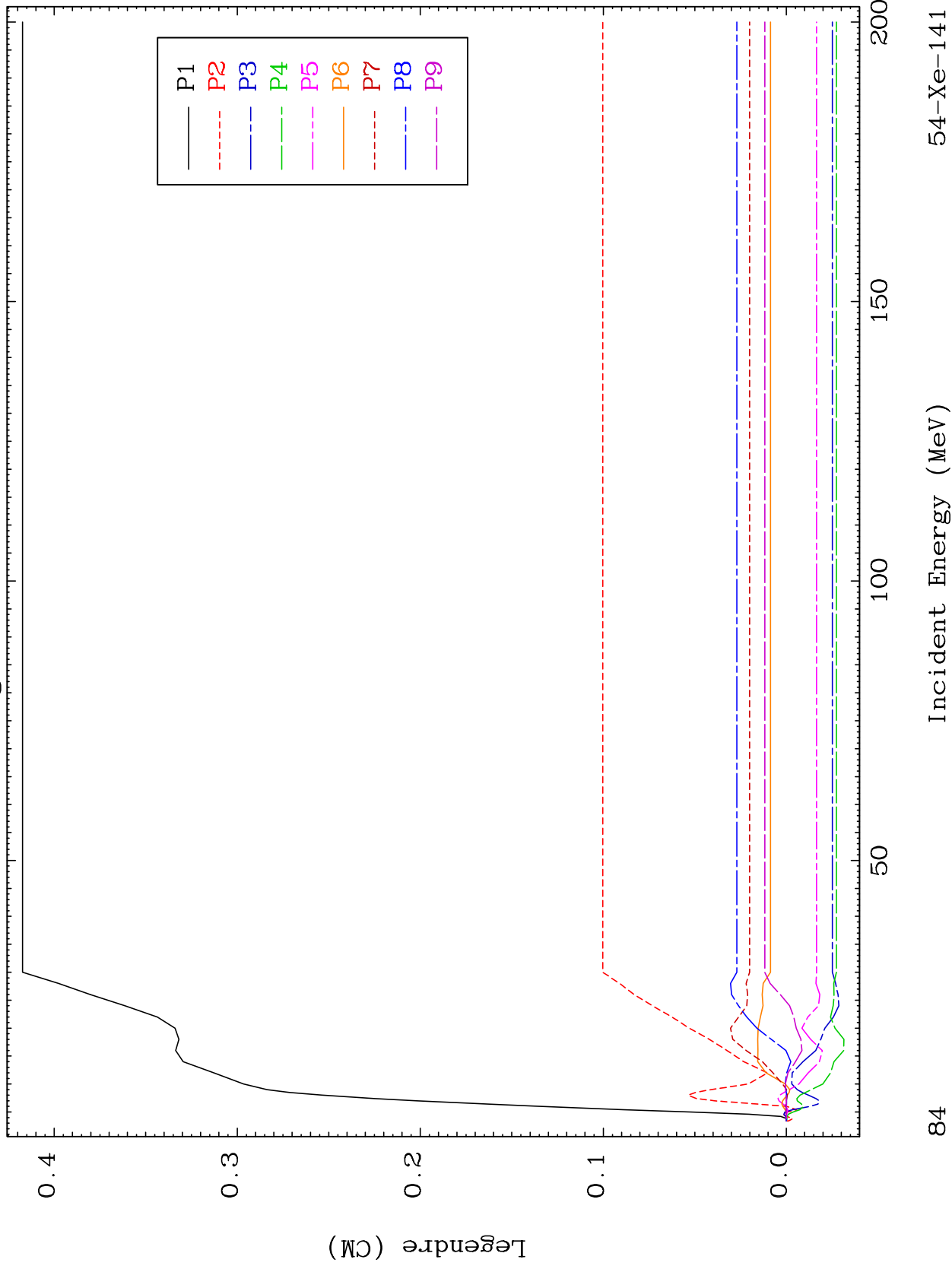
54-Xe-141



MAT 5476

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

54-Xe-141



84

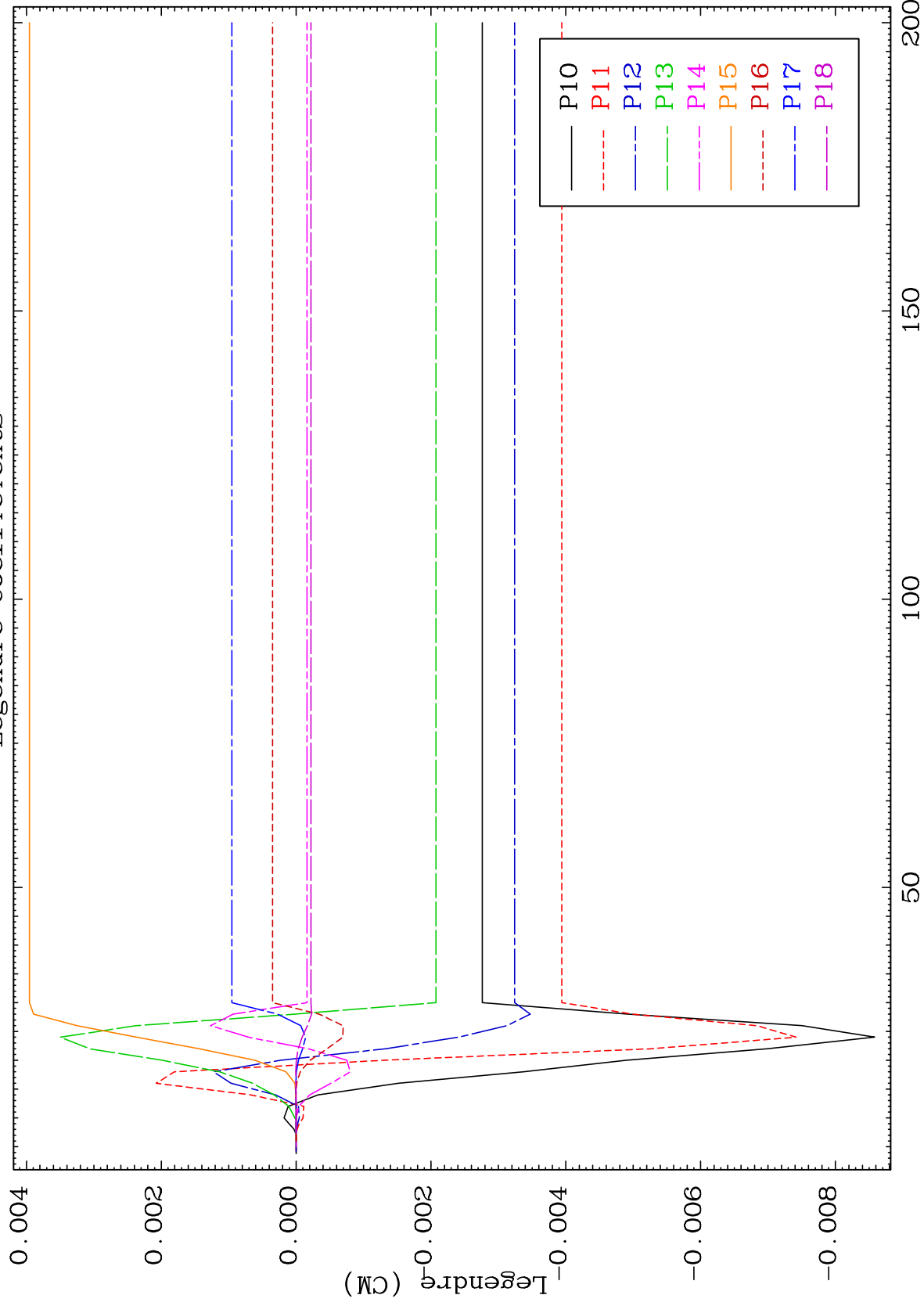
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

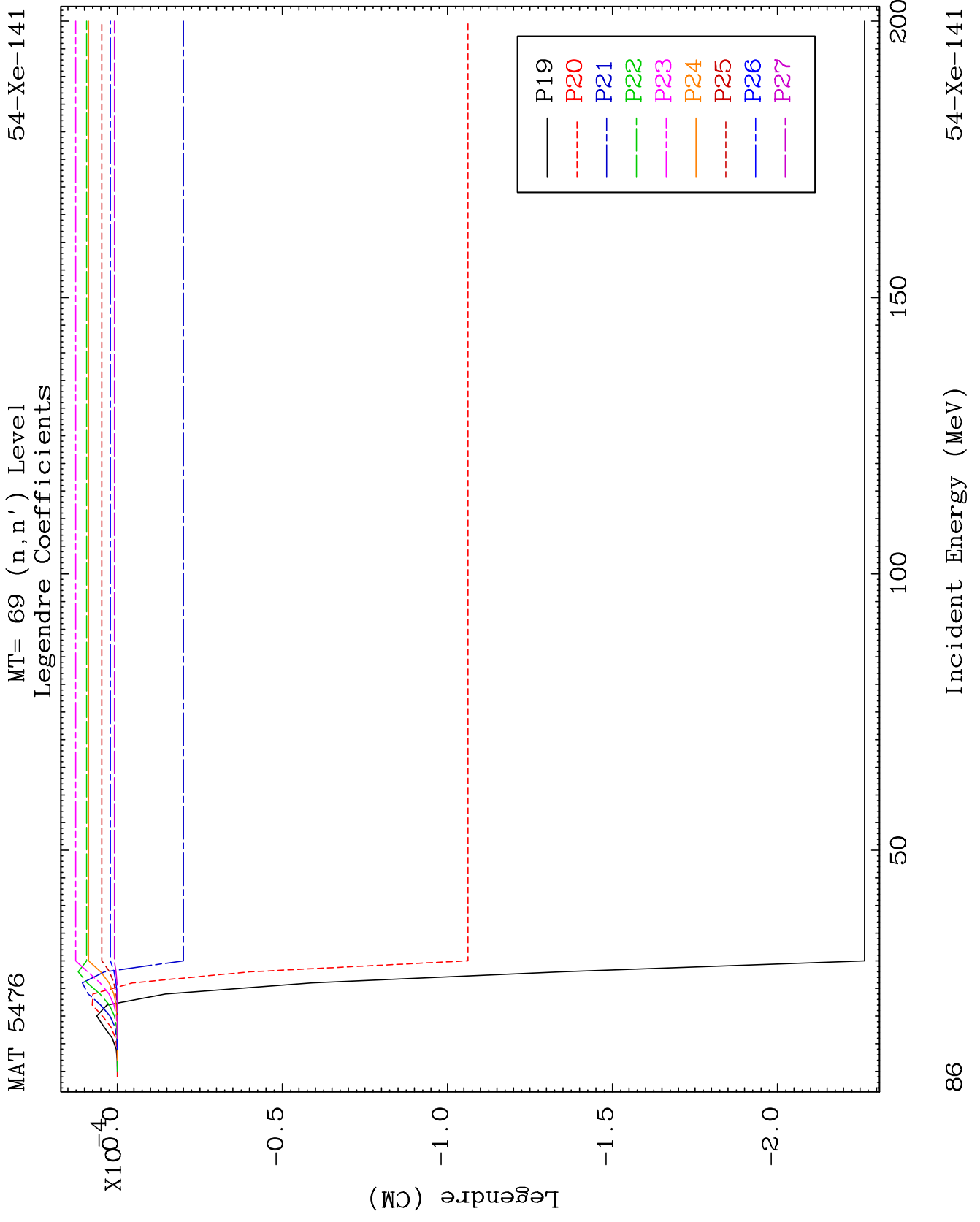
54-Xe-141



85

Incident Energy (MeV)

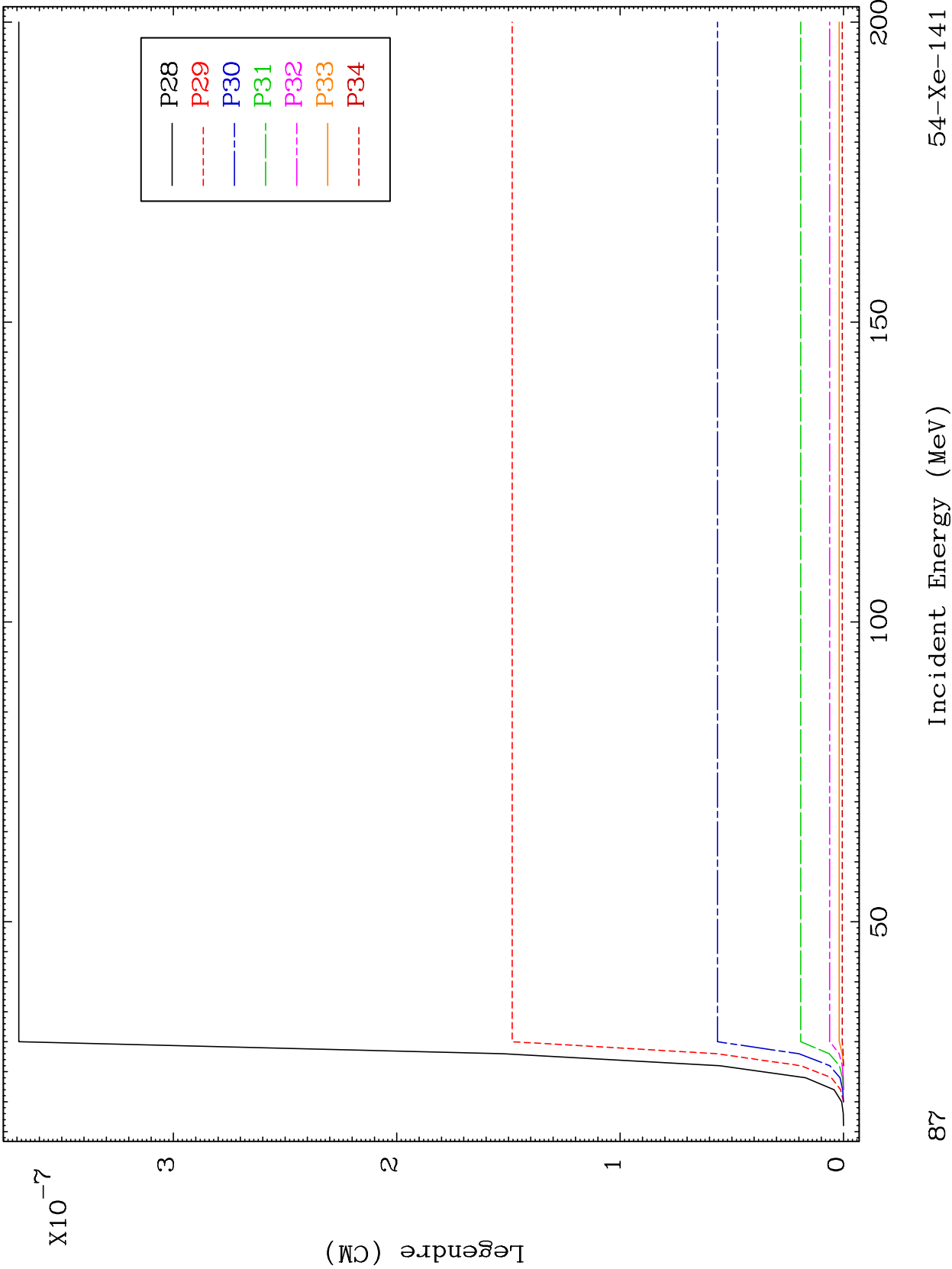
54-Xe-141



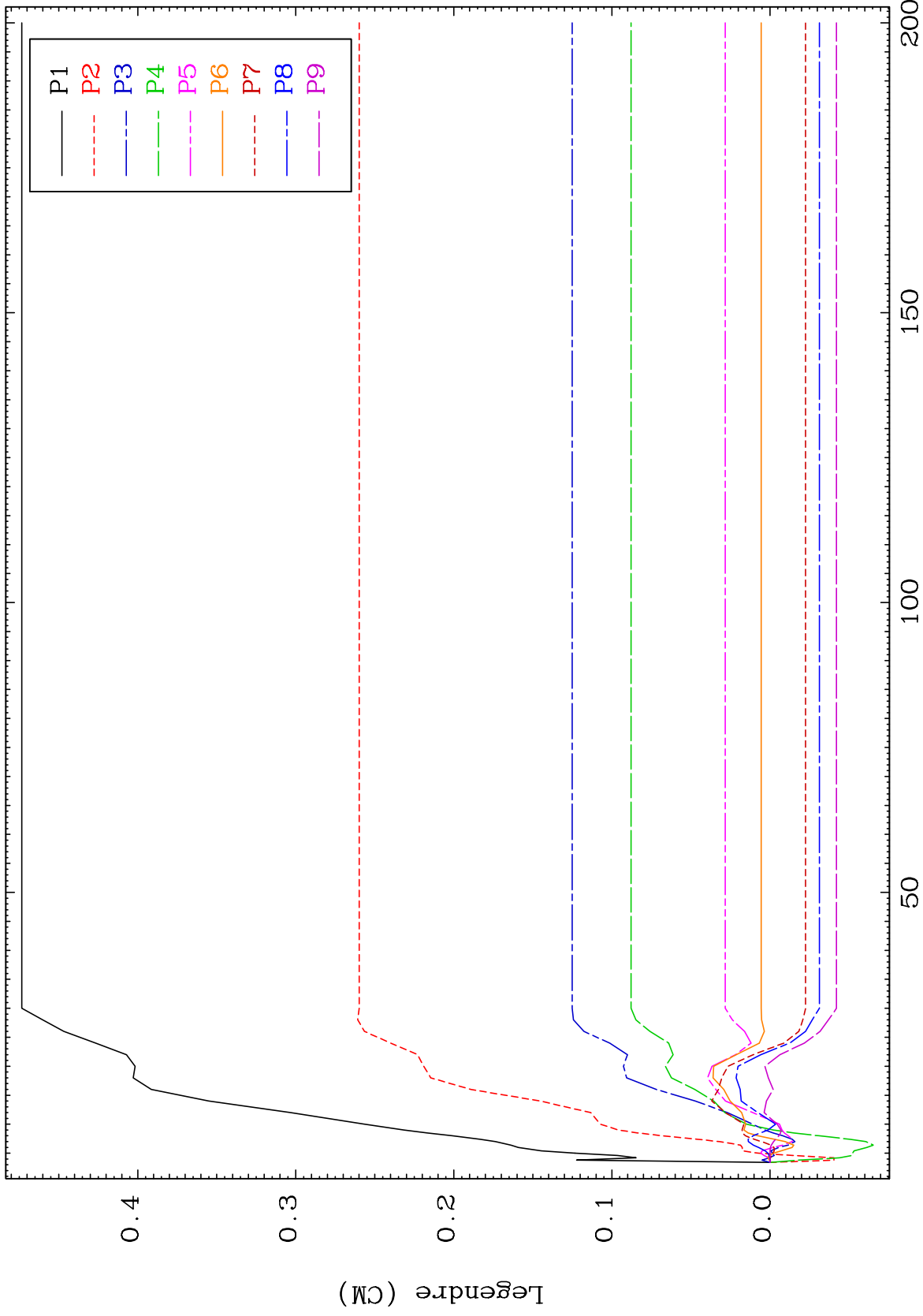
MAT 5476

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

54-Xe-141



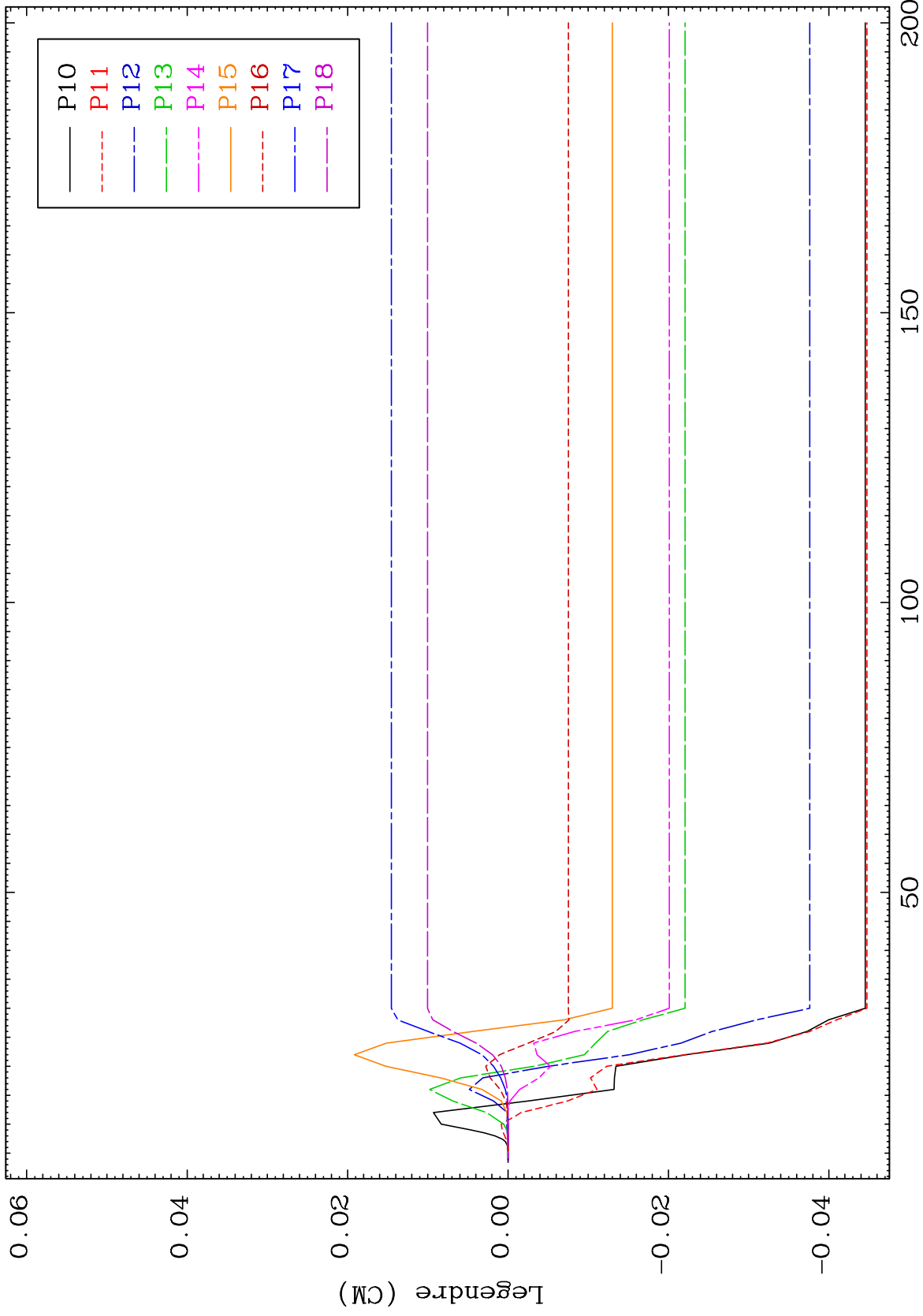




MAT 5476

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

54-Xe-141



89

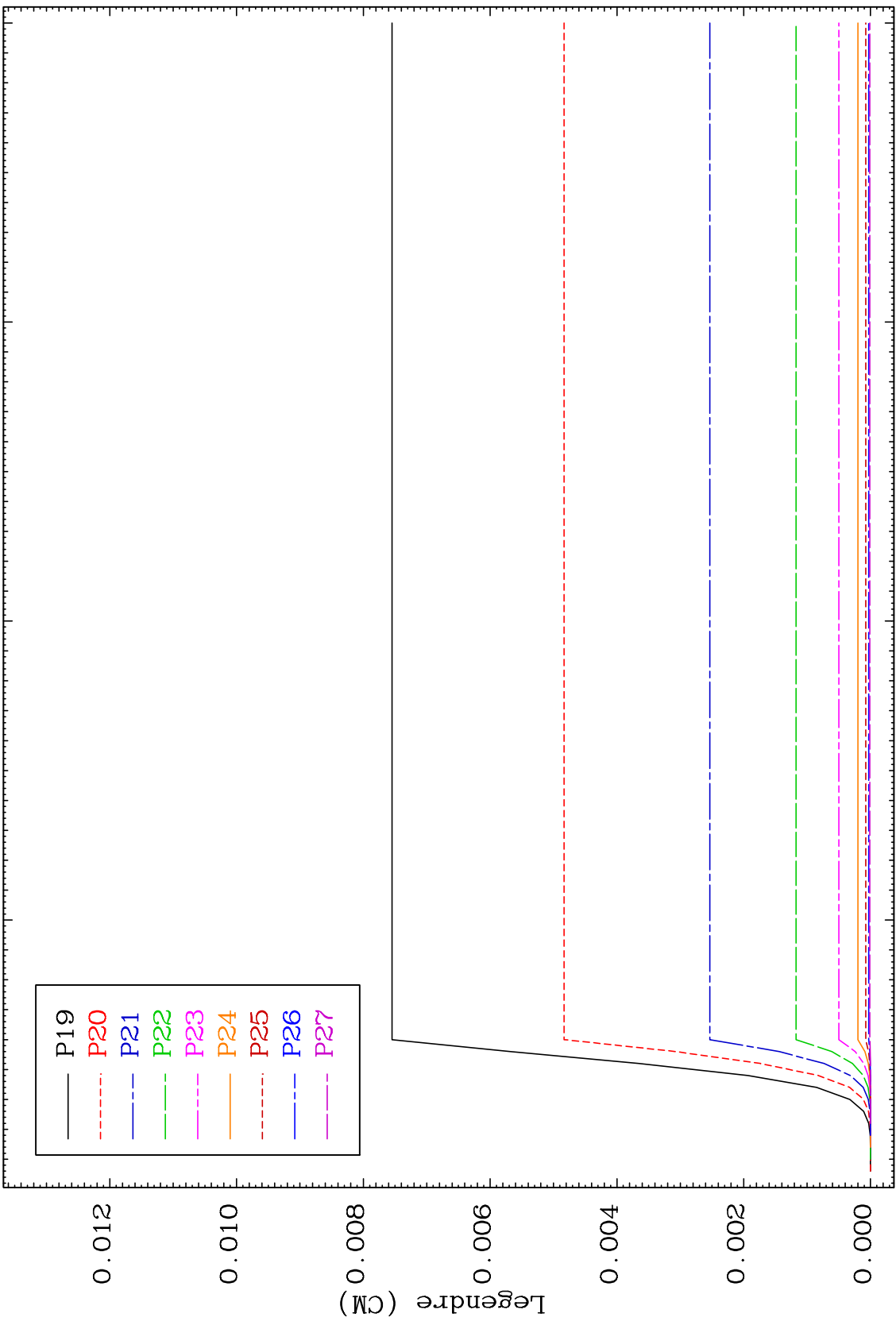
Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141



90

Incident Energy (MeV)

54-Xe-141

MAT 5476

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

54-Xe-141

