

Program EVALPLOT  
(Version 2018-1)

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)

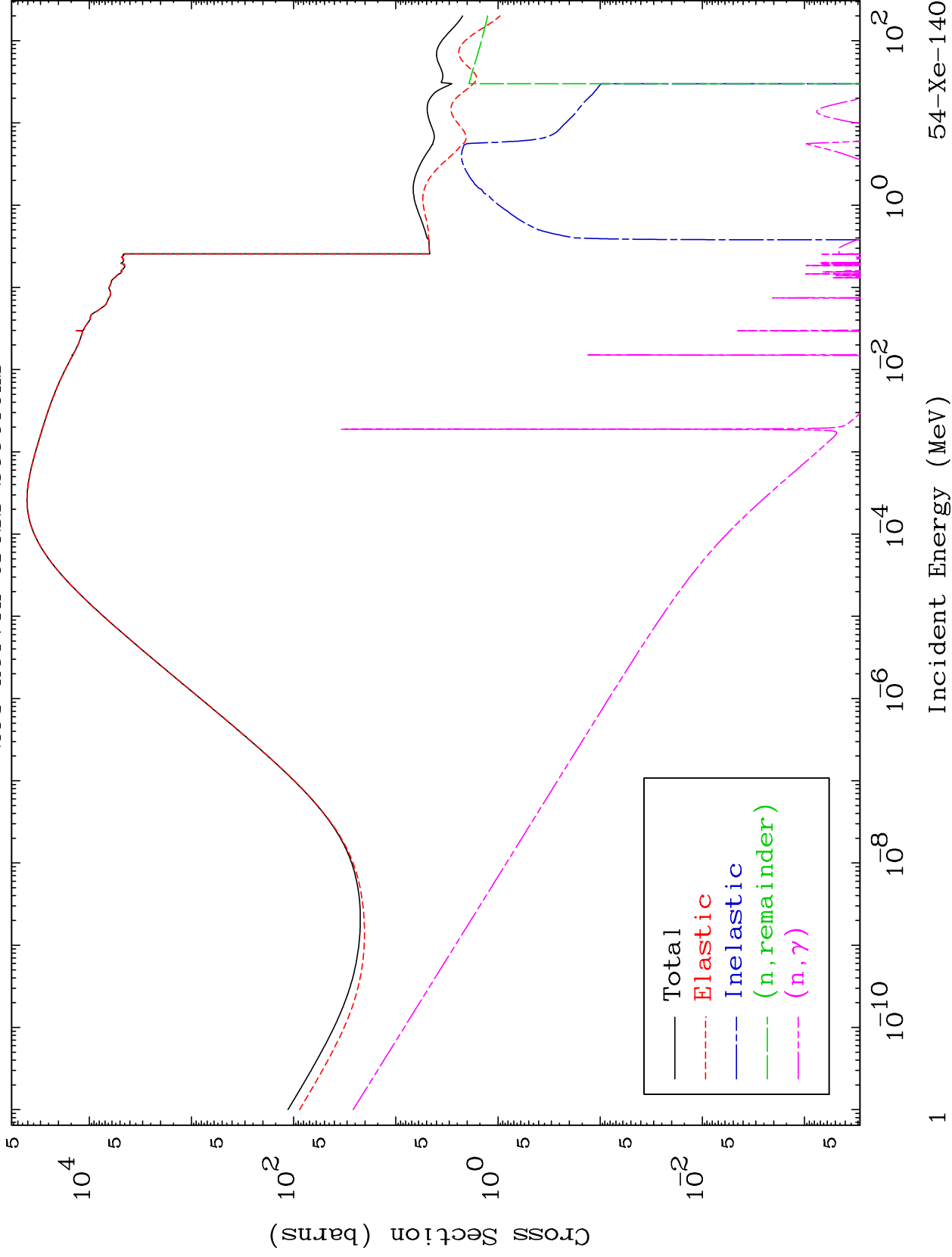
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5473

Major  
293 Kelvin Cross Sections

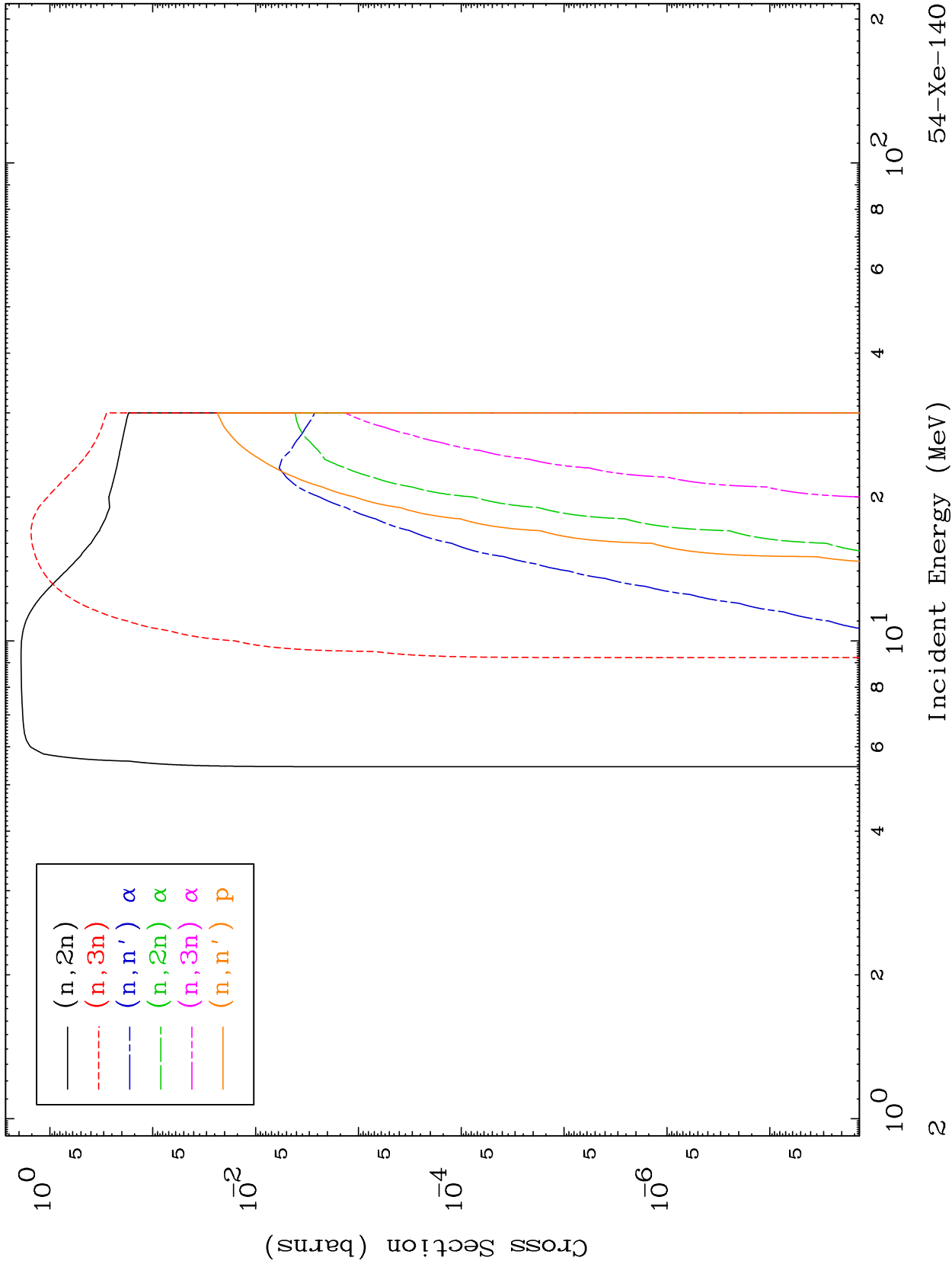
54-Xe-140



MAT 5473

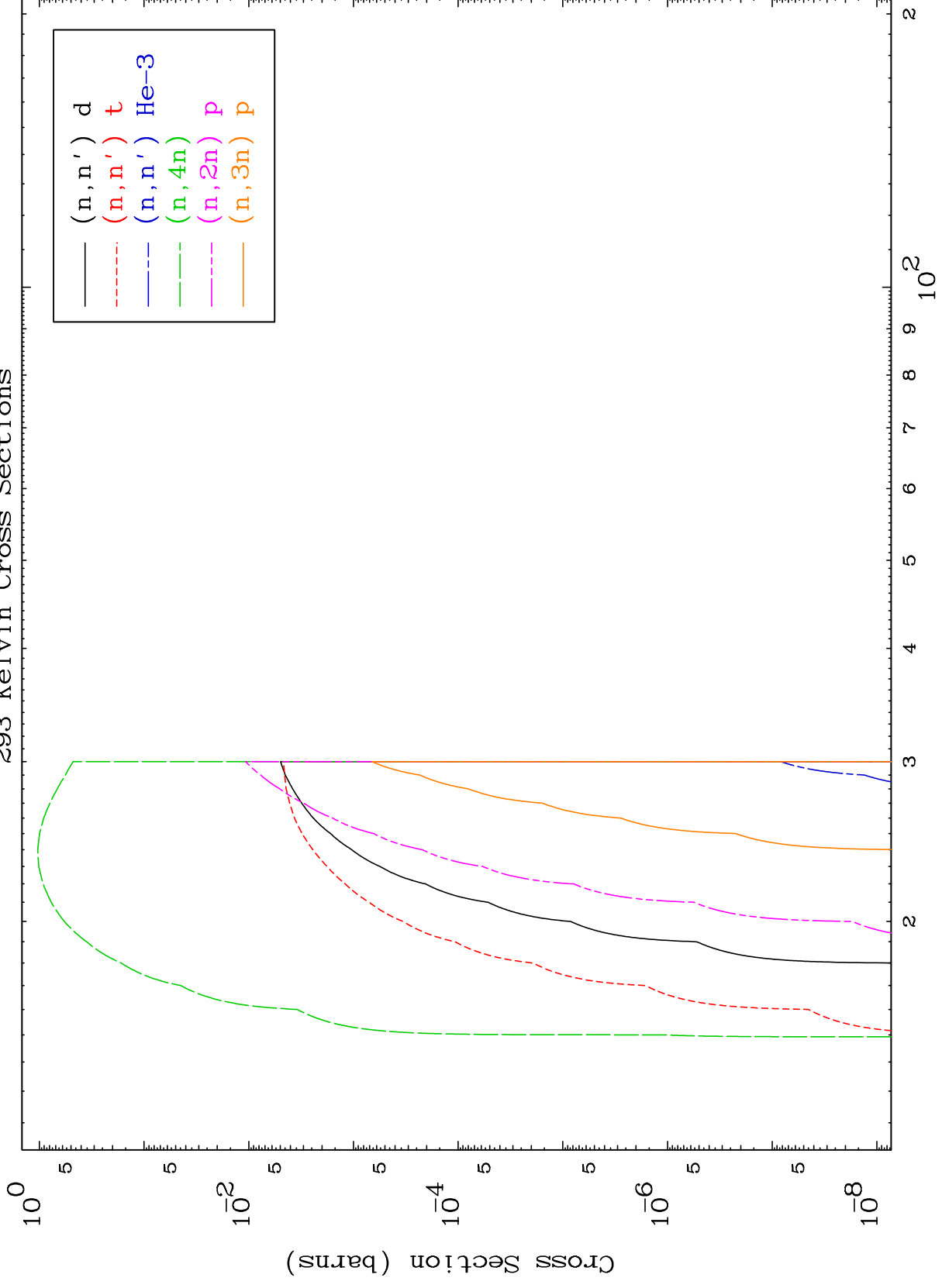
Neutron Production  
293 Kelvin Cross Sections

54-Xe-140



54-Xe-140

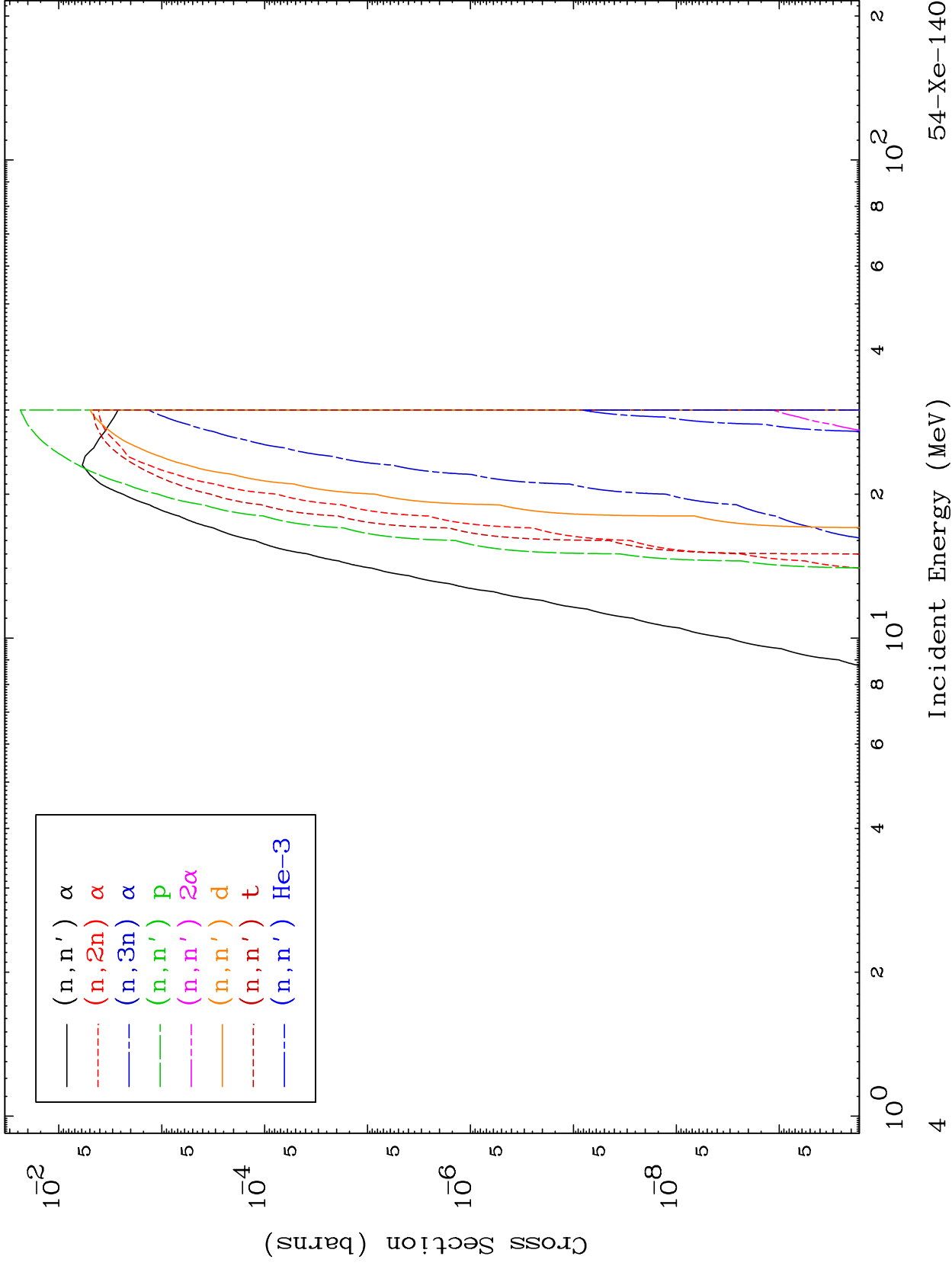
Incident Energy (MeV)



MAT 5473

Charged Particle  
293 Kelvin Cross Sections

54-Xe-140



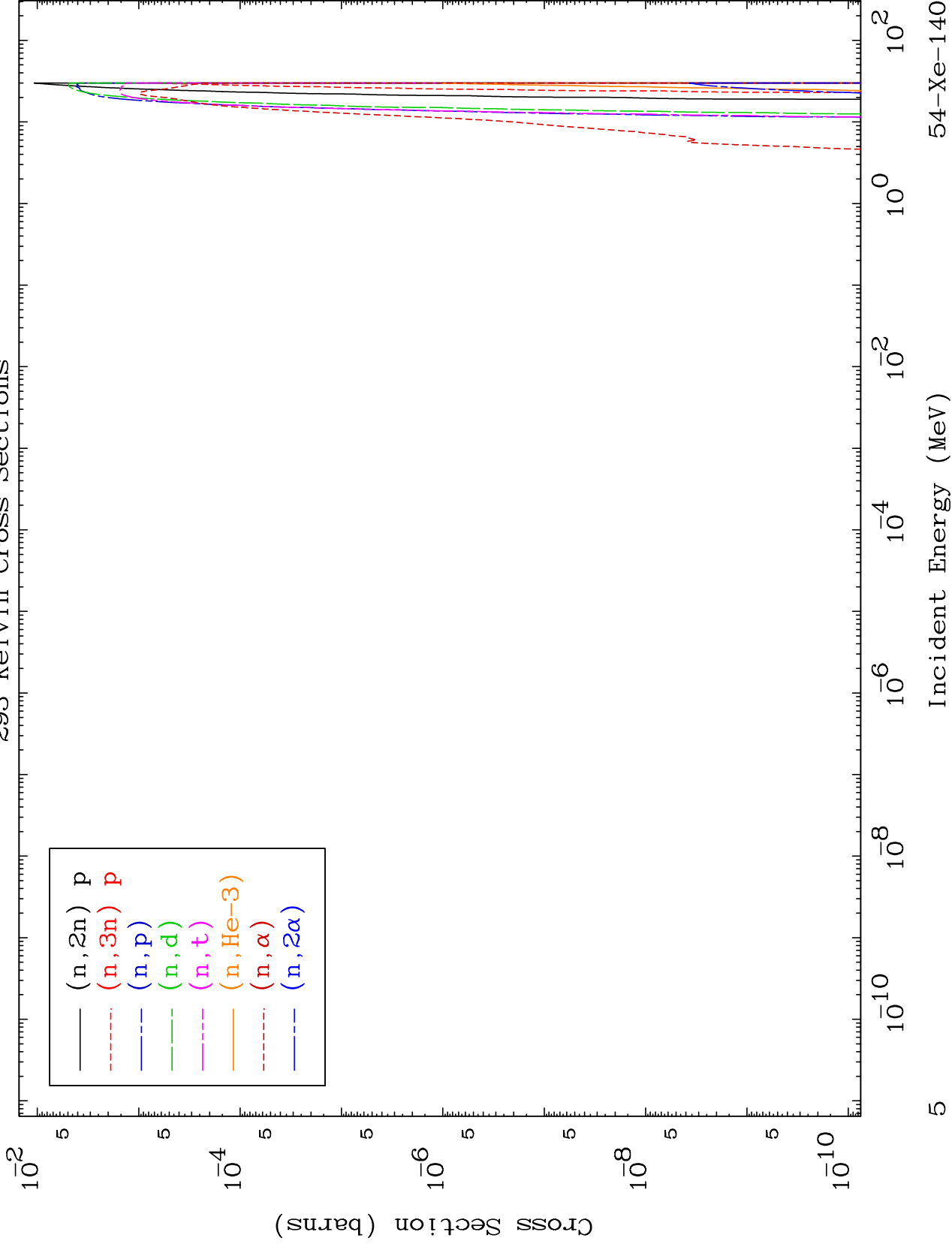
54-Xe-140

Incident Energy (MeV)

MAT 5473

Charged Particle  
293 Kelvin Cross Sections

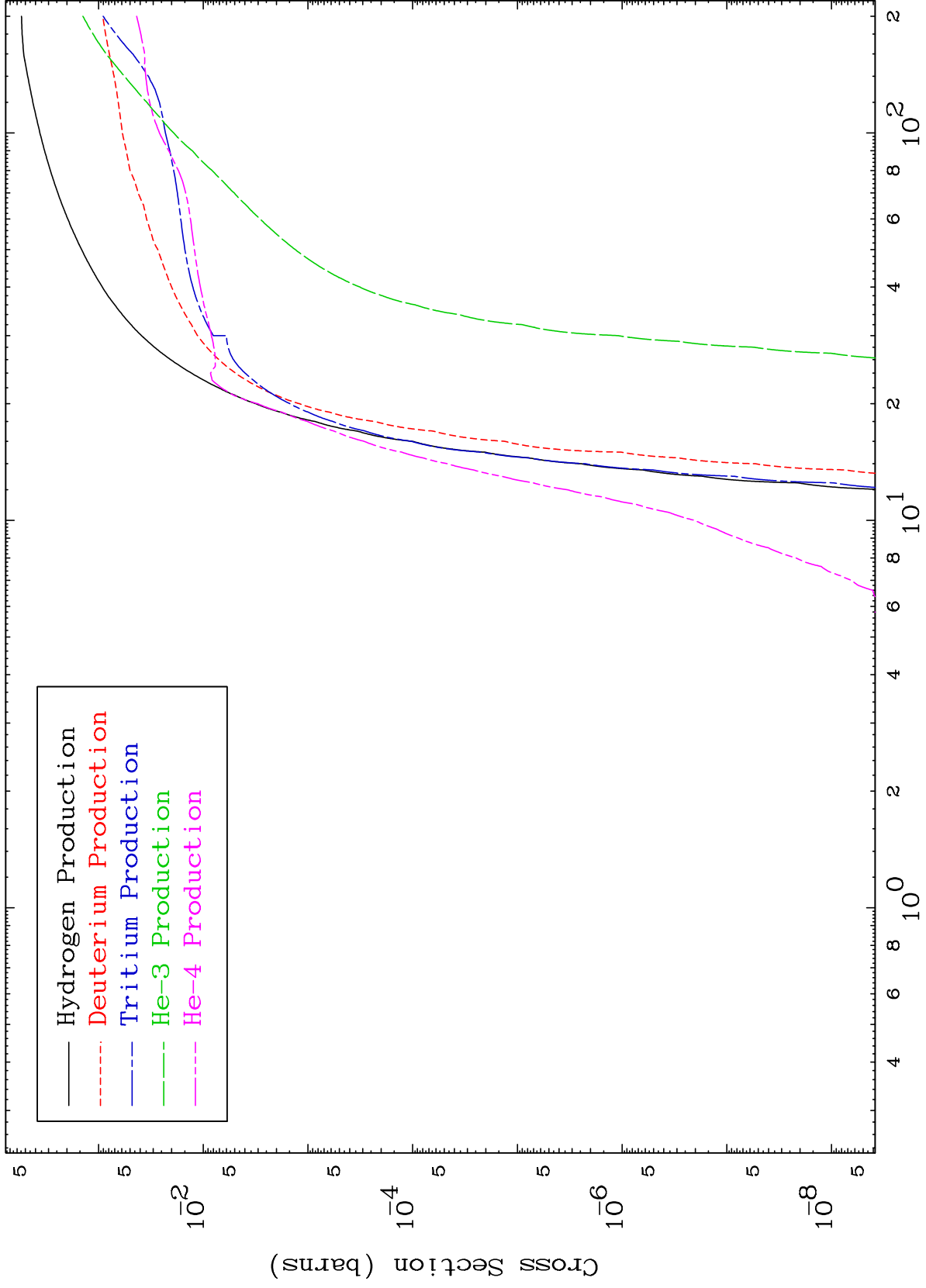
54-Xe-140



MAT 5473

Particle Production  
293 Kelvin Cross Sections

54-Xe-140



6

Incident Energy (MeV)

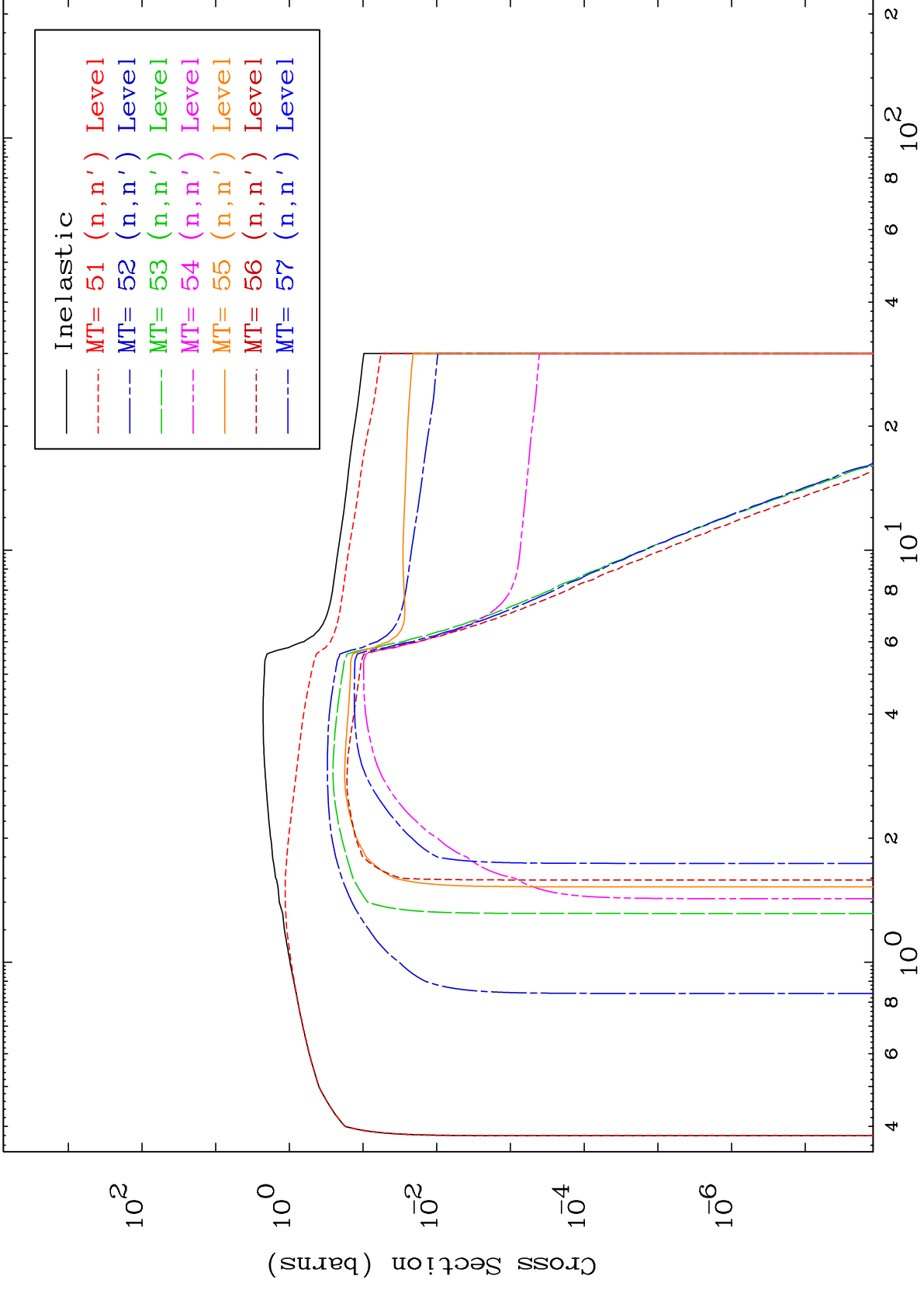
54-Xe-140

MAT 5473

(n,n') Level

54-Xe-140

293 Kelvin Cross Sections



7

Incident Energy (MeV)

54-Xe-140

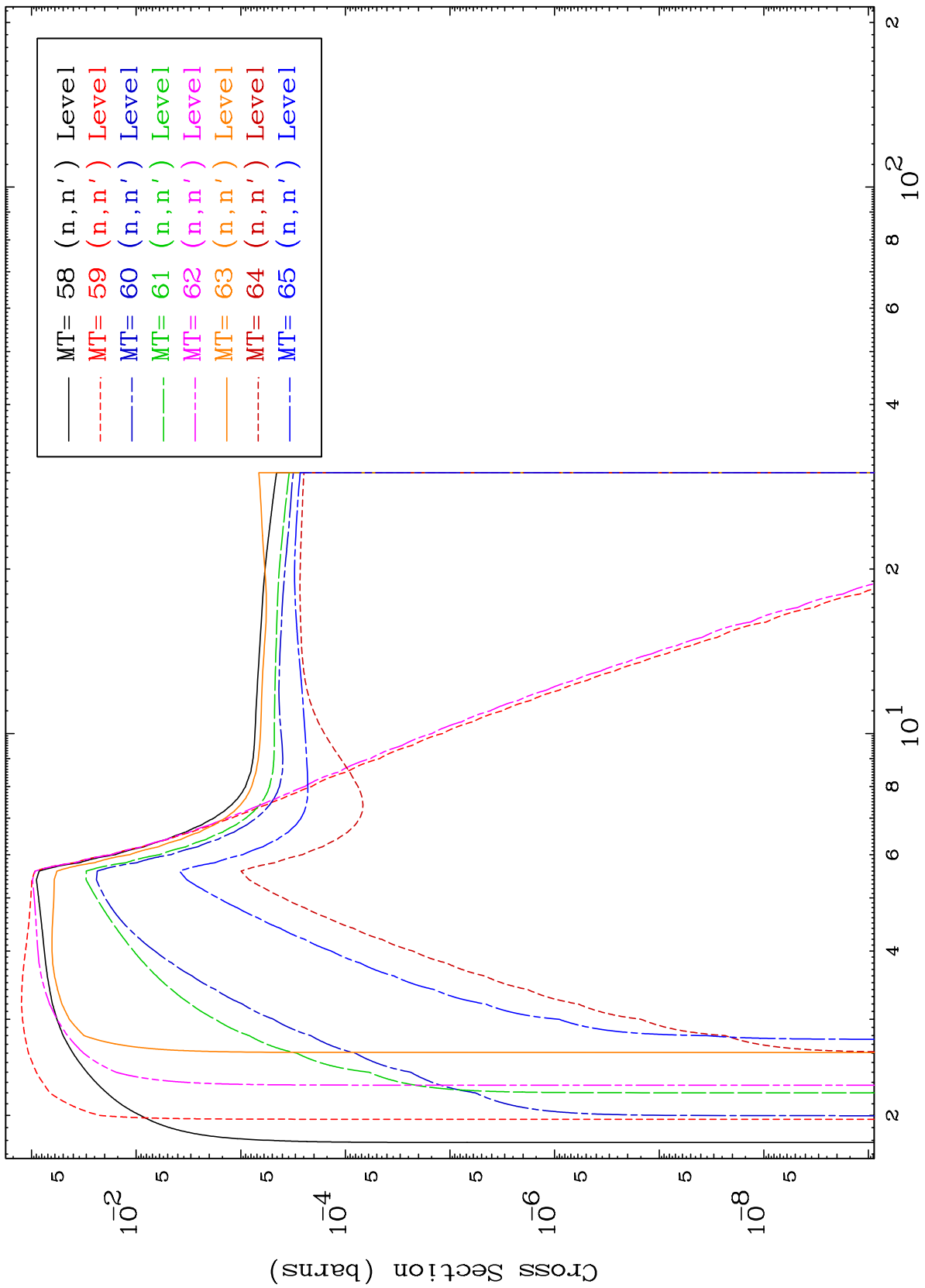


MAT 5473

(n,n') Level

54-Xe-140

293 Kelvin Cross Sections



8

Incident Energy (MeV)

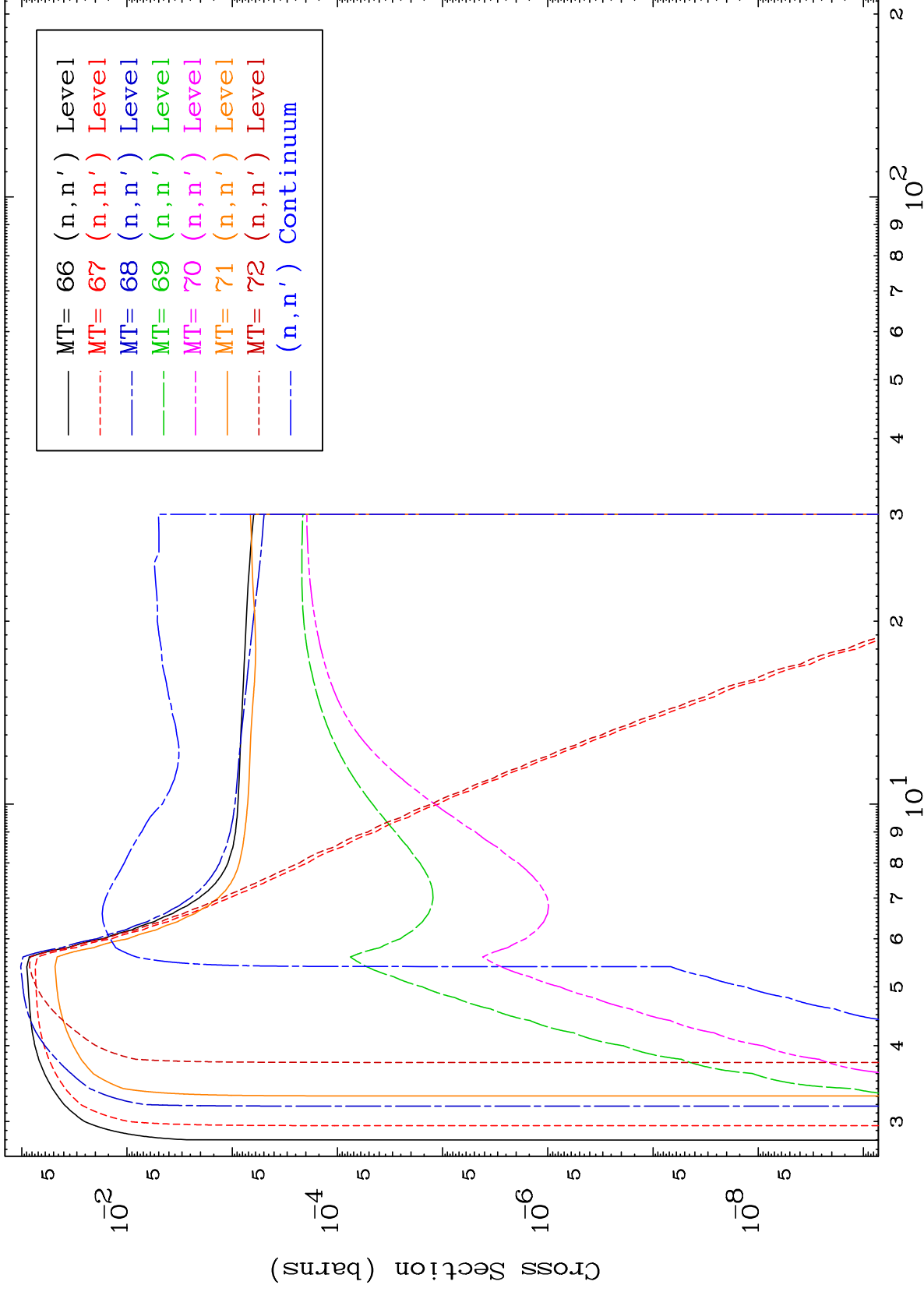
54-Xe-140

MAT 5473

(n,n') Level

54-Xe-140

293 Kelvins Cross Sections



9

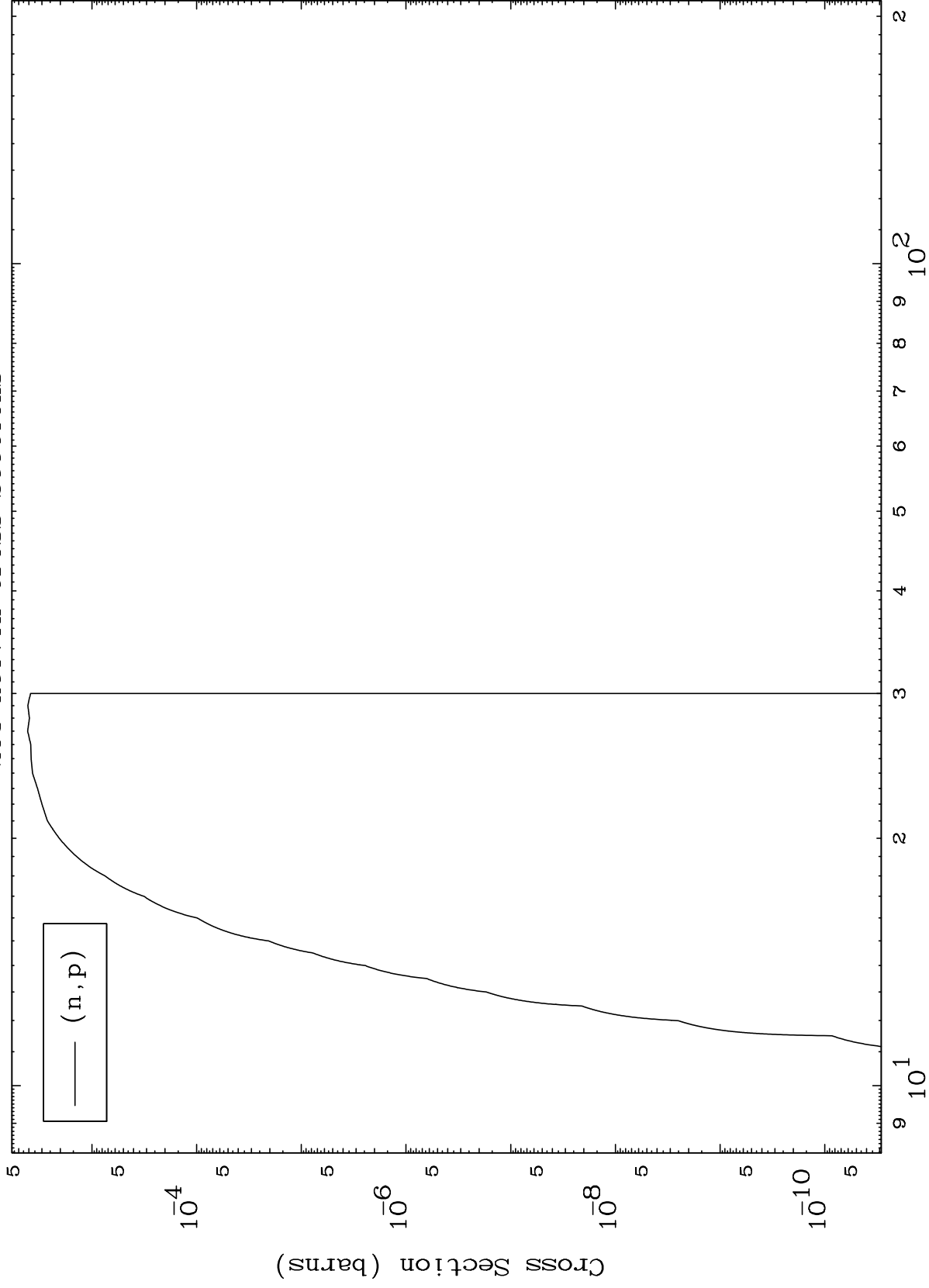
Incident Energy (MeV)

54-Xe-140

MAT 5473

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-140



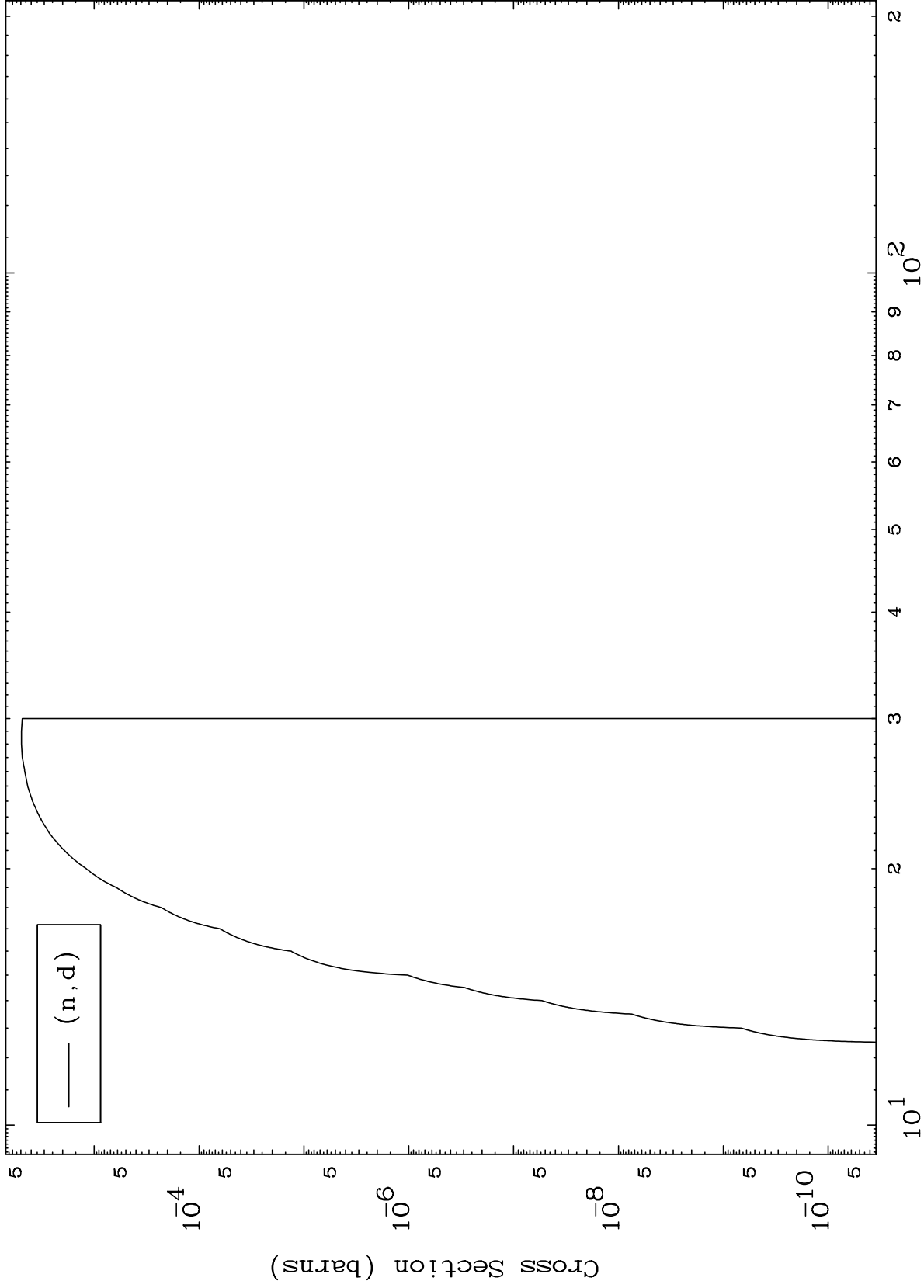
Incident Energy (MeV)

54-Xe-140

MAT 5473

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-140



11

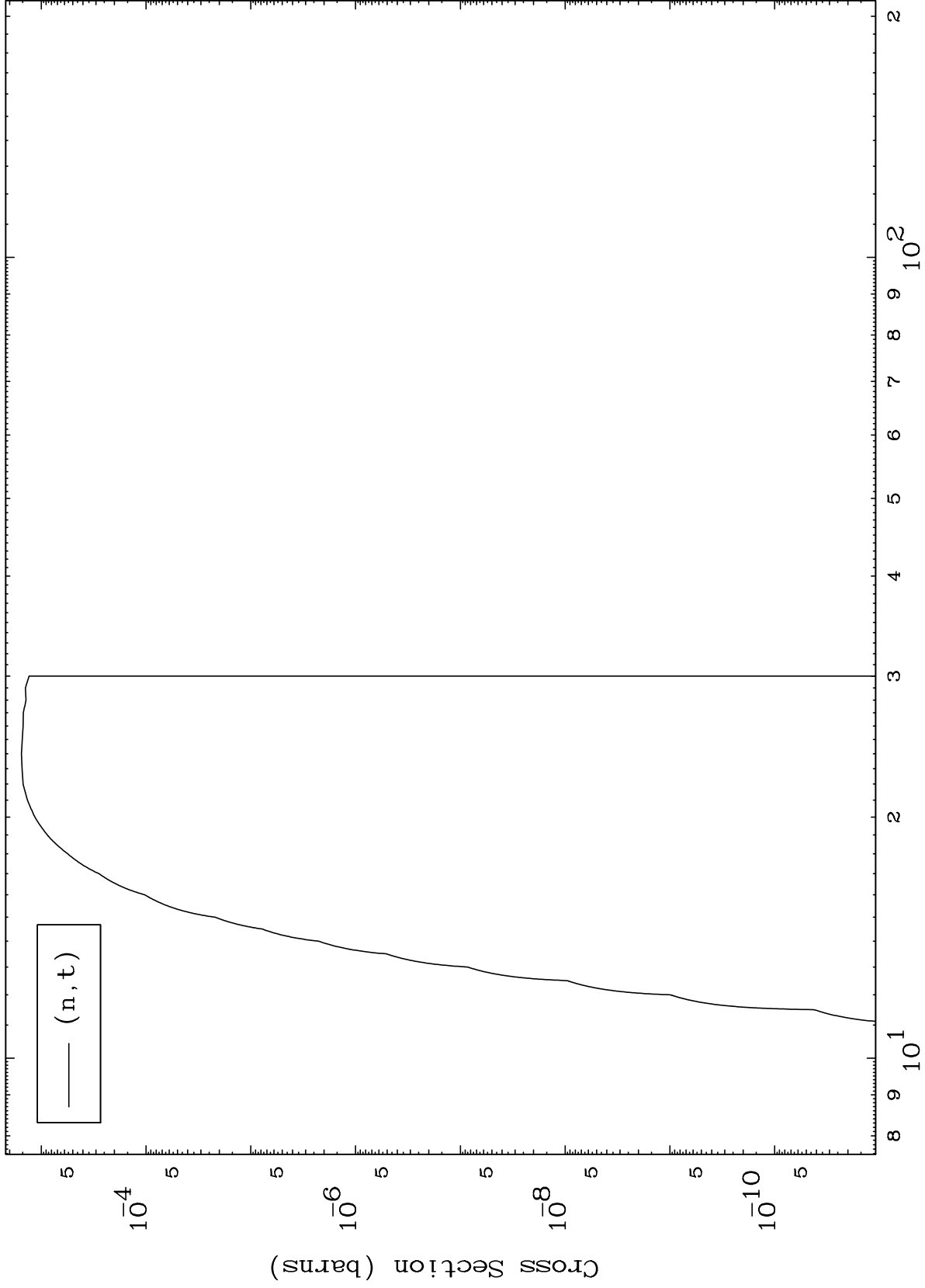
Incident Energy (MeV)

54-Xe-140

MAT 5473

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-140



12

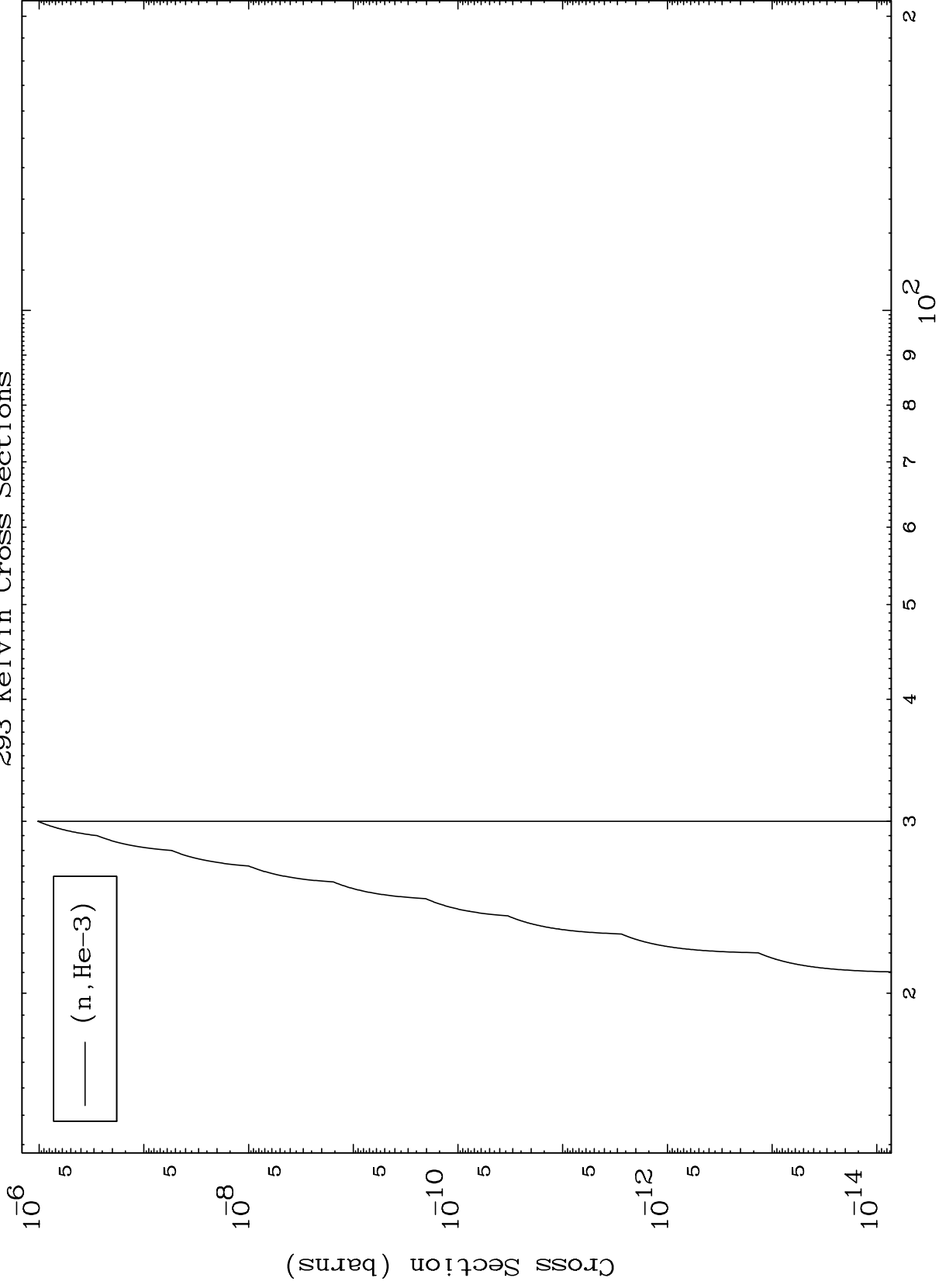
Incident Energy (MeV)

54-Xe-140

MAT 5473

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-140



13

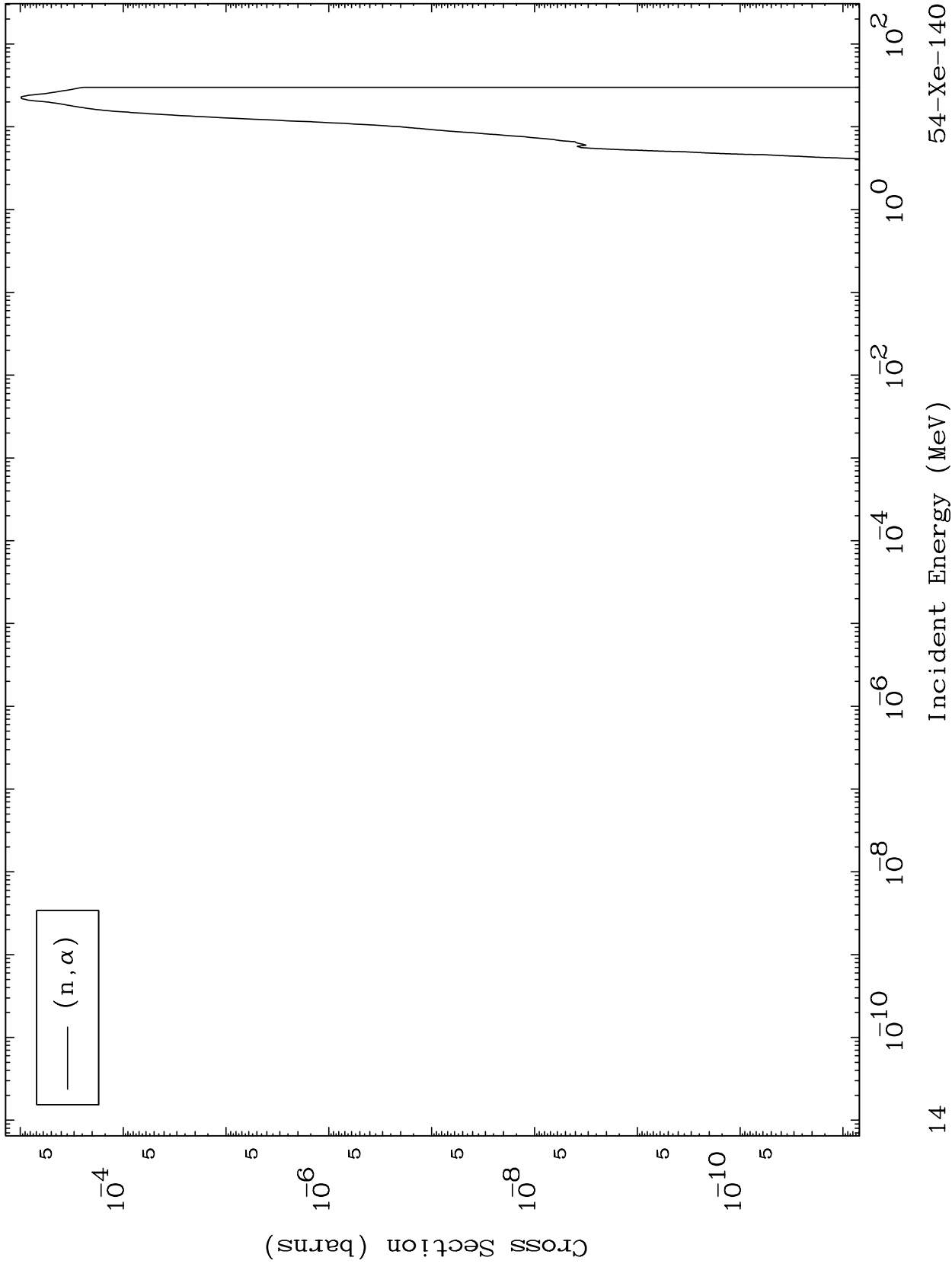
Incident Energy (MeV)

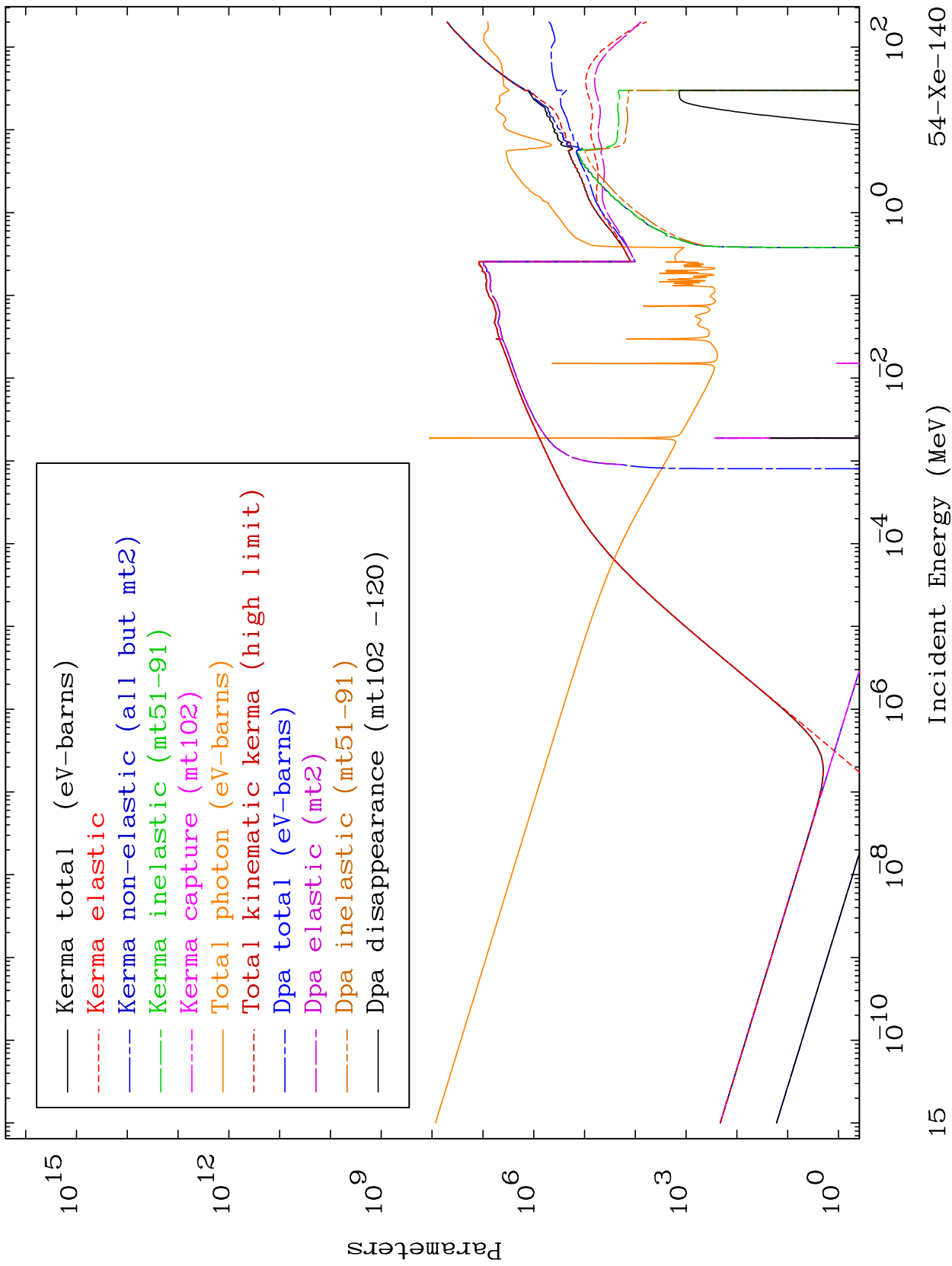
54-Xe-140

MAT 5473

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

54-Xe-140



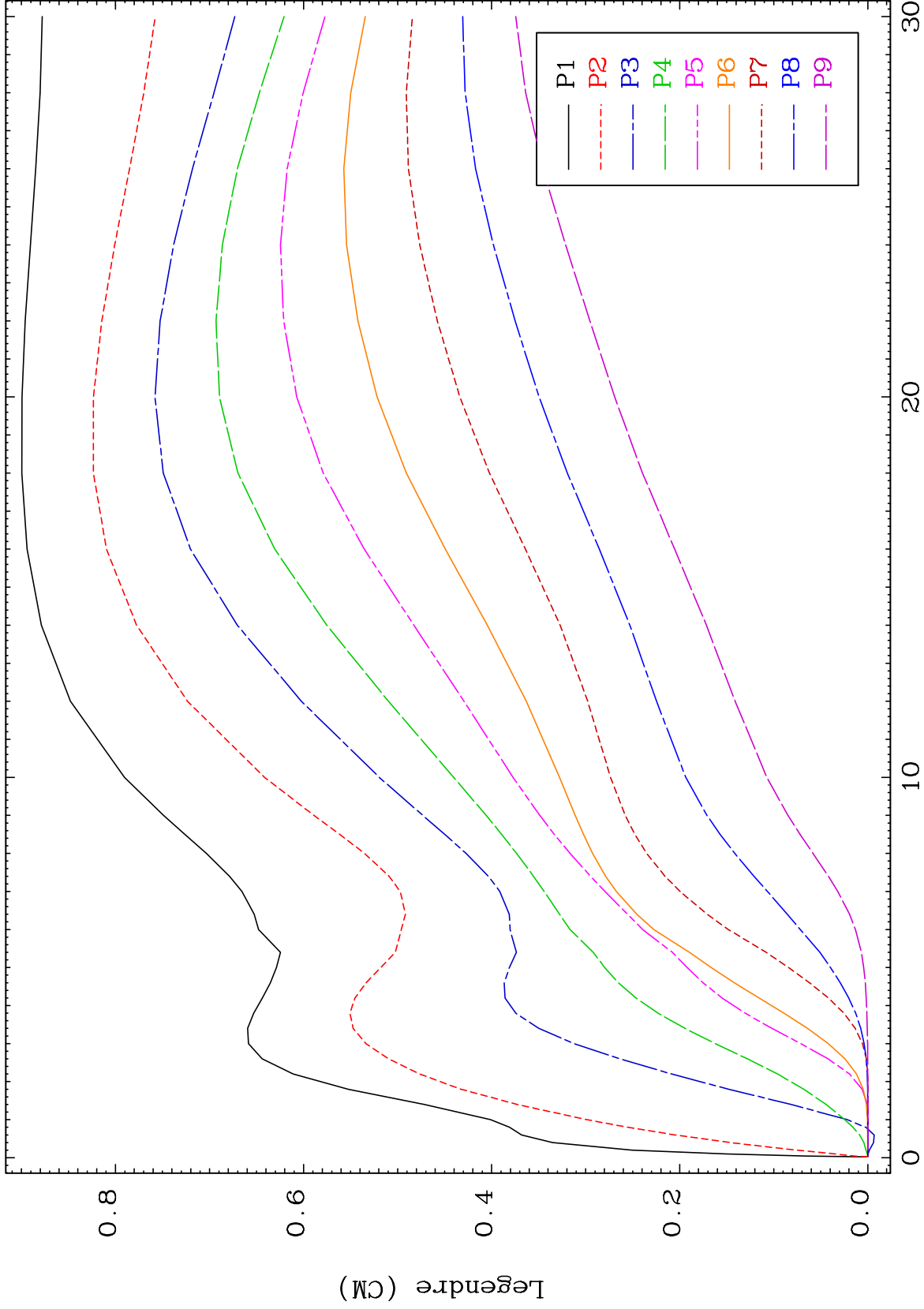




MAT 5473

Elastic Legendre Coefficients

54-Xe-140



16

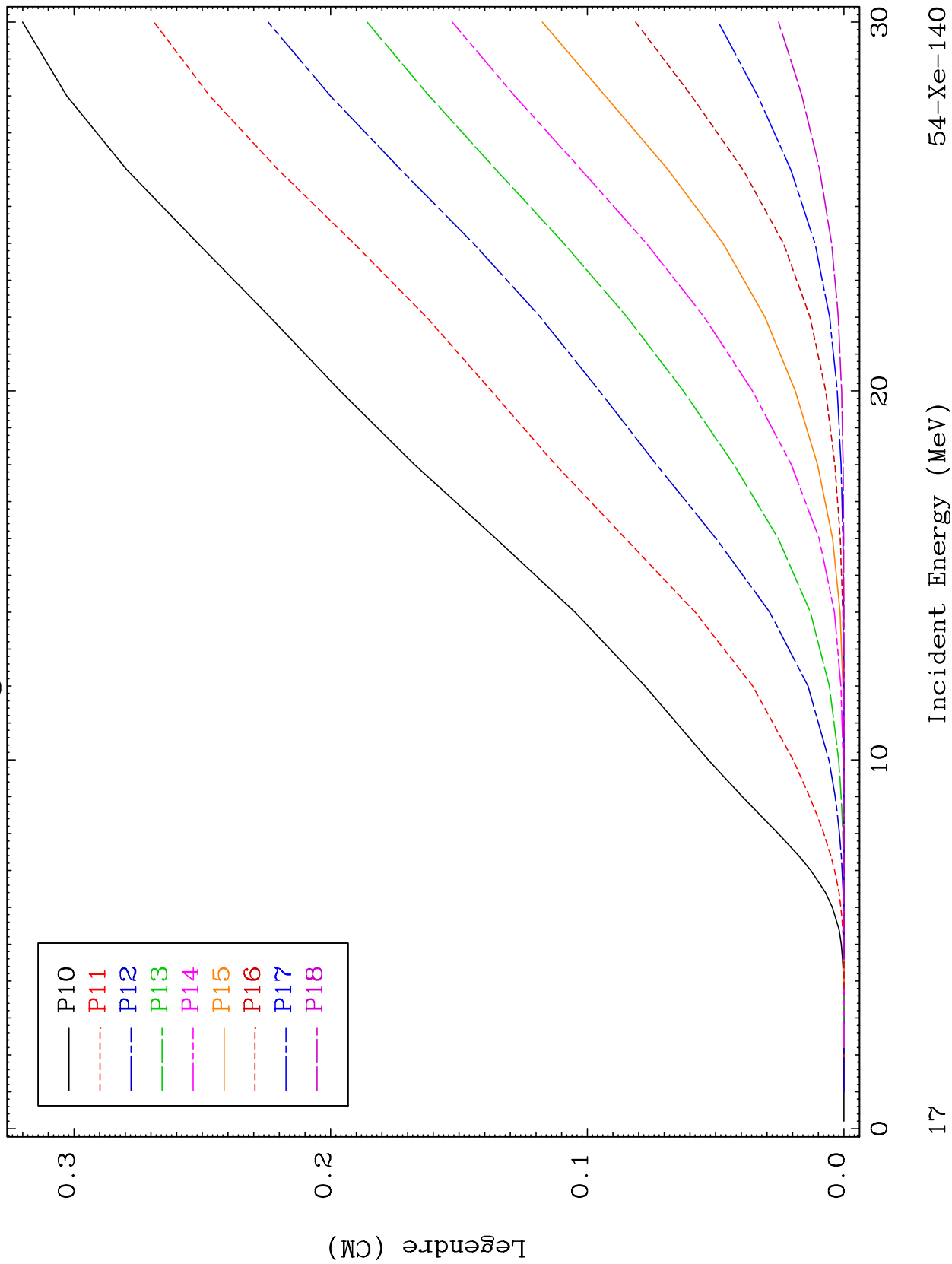
Incident Energy (MeV)

54-Xe-140

MAT 5473

Elastic Legendre Coefficients

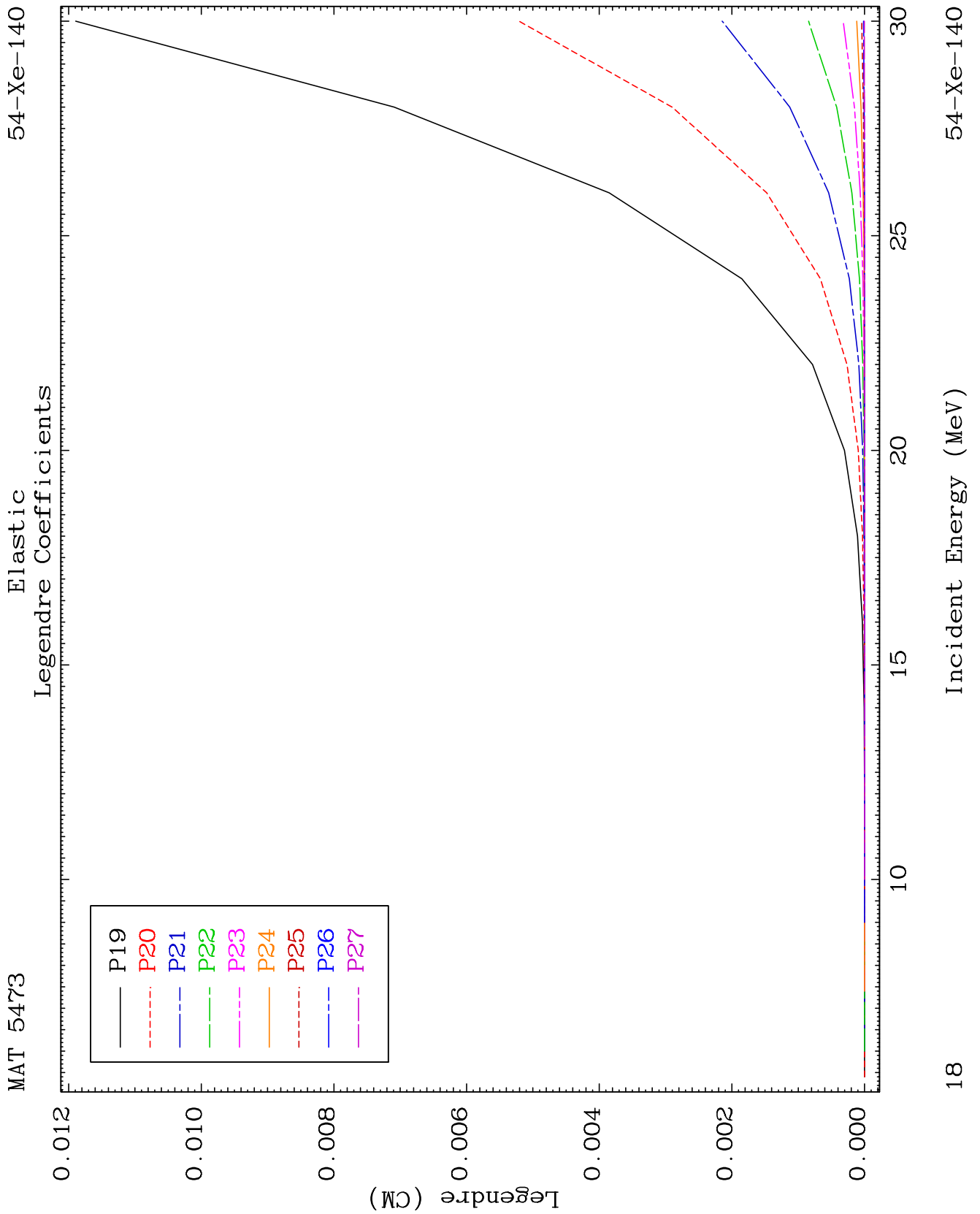
54-Xe-140



17

Incident Energy (MeV)

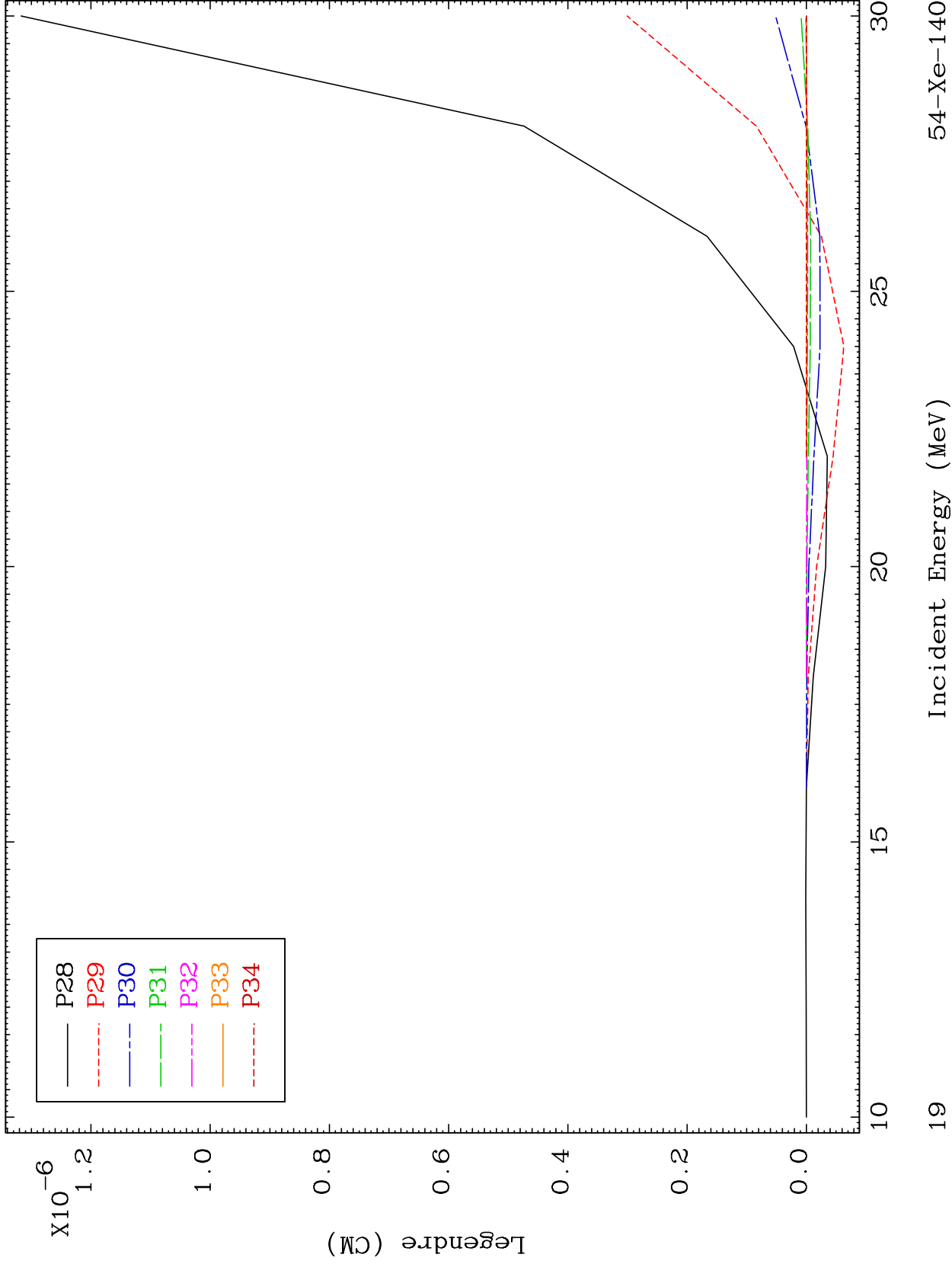
54-Xe-140

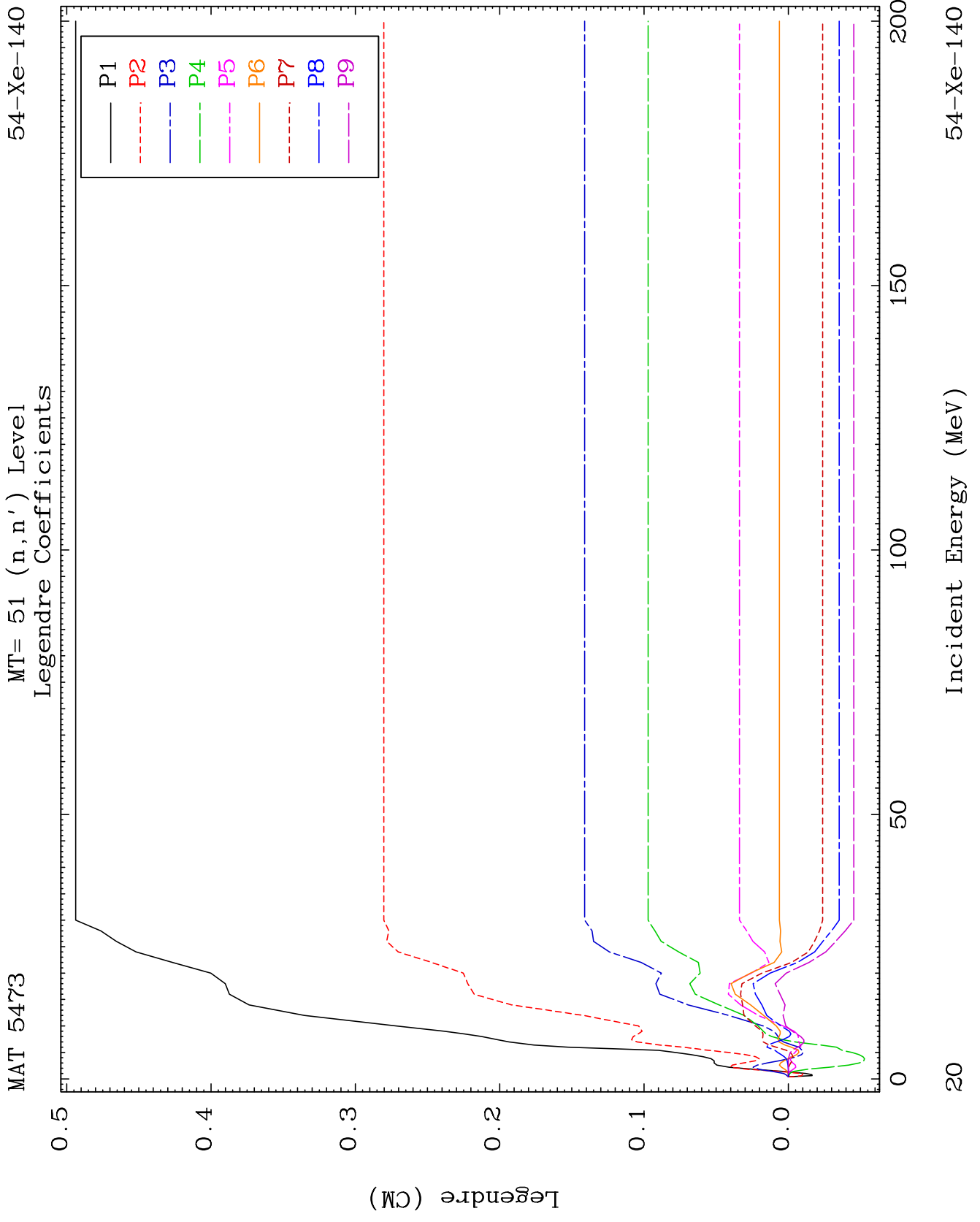


MAT 5473

Elastic Legendre Coefficients

54-Xe-140

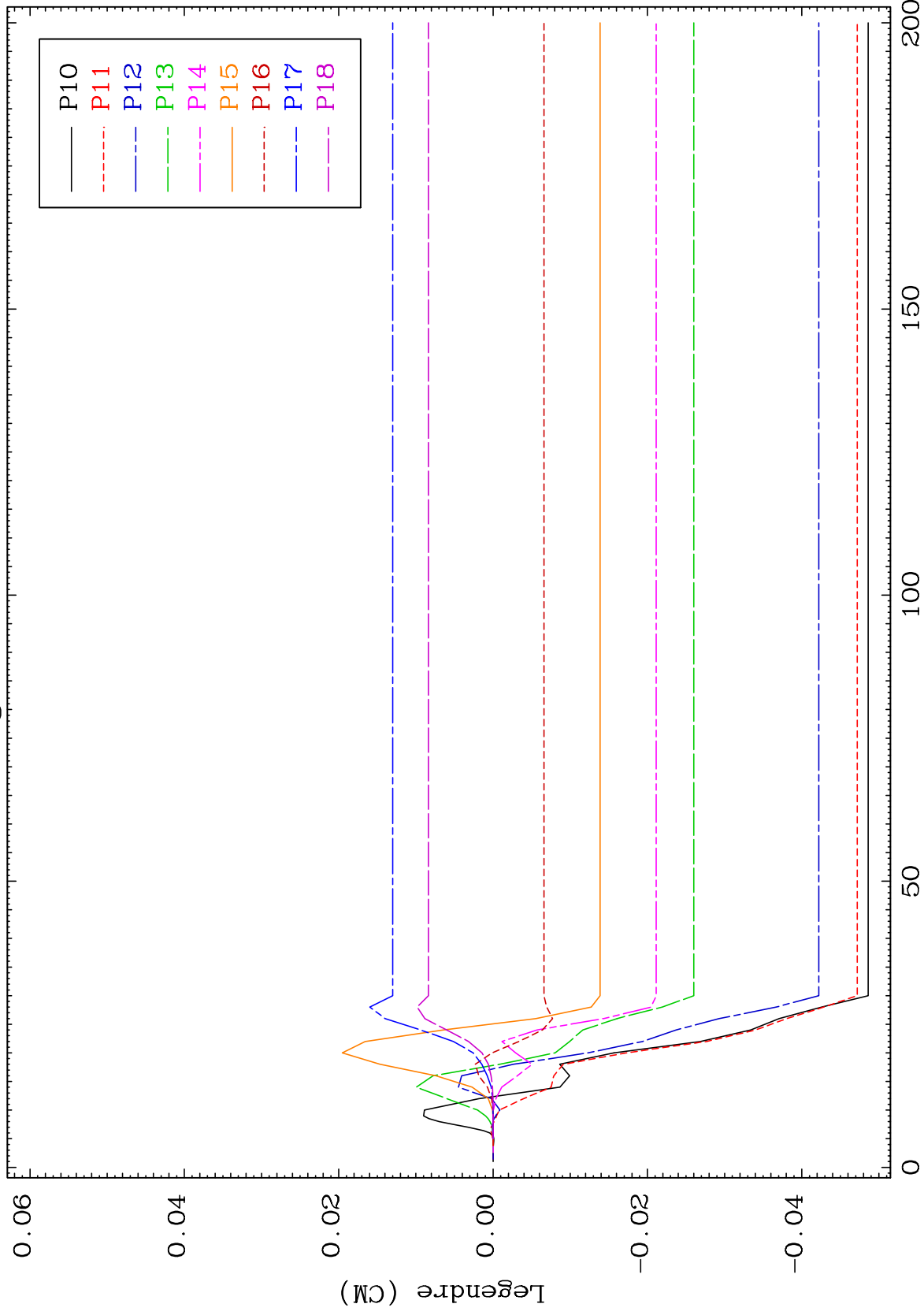




MAT 5473

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

54-Xe-140



21

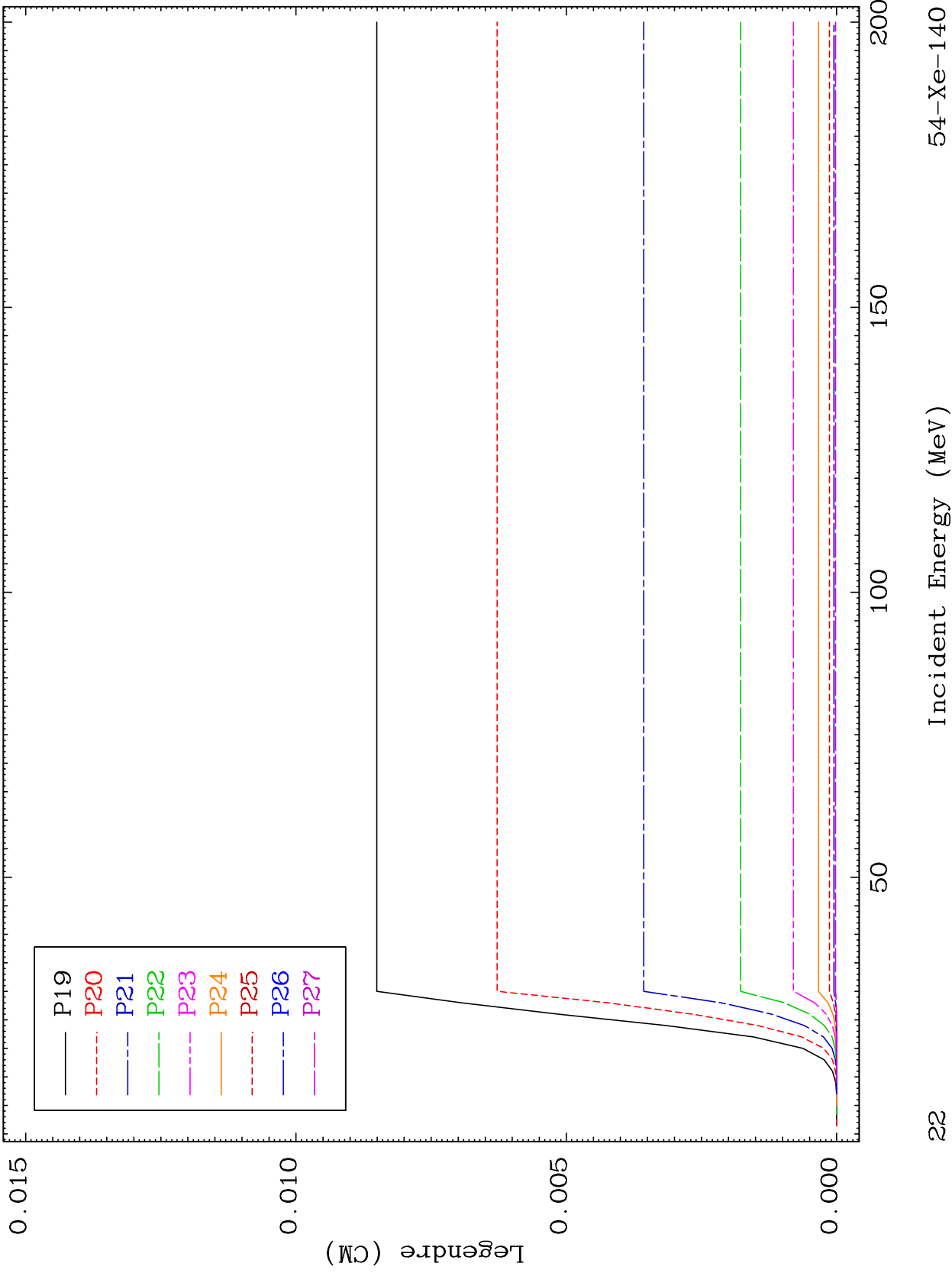
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

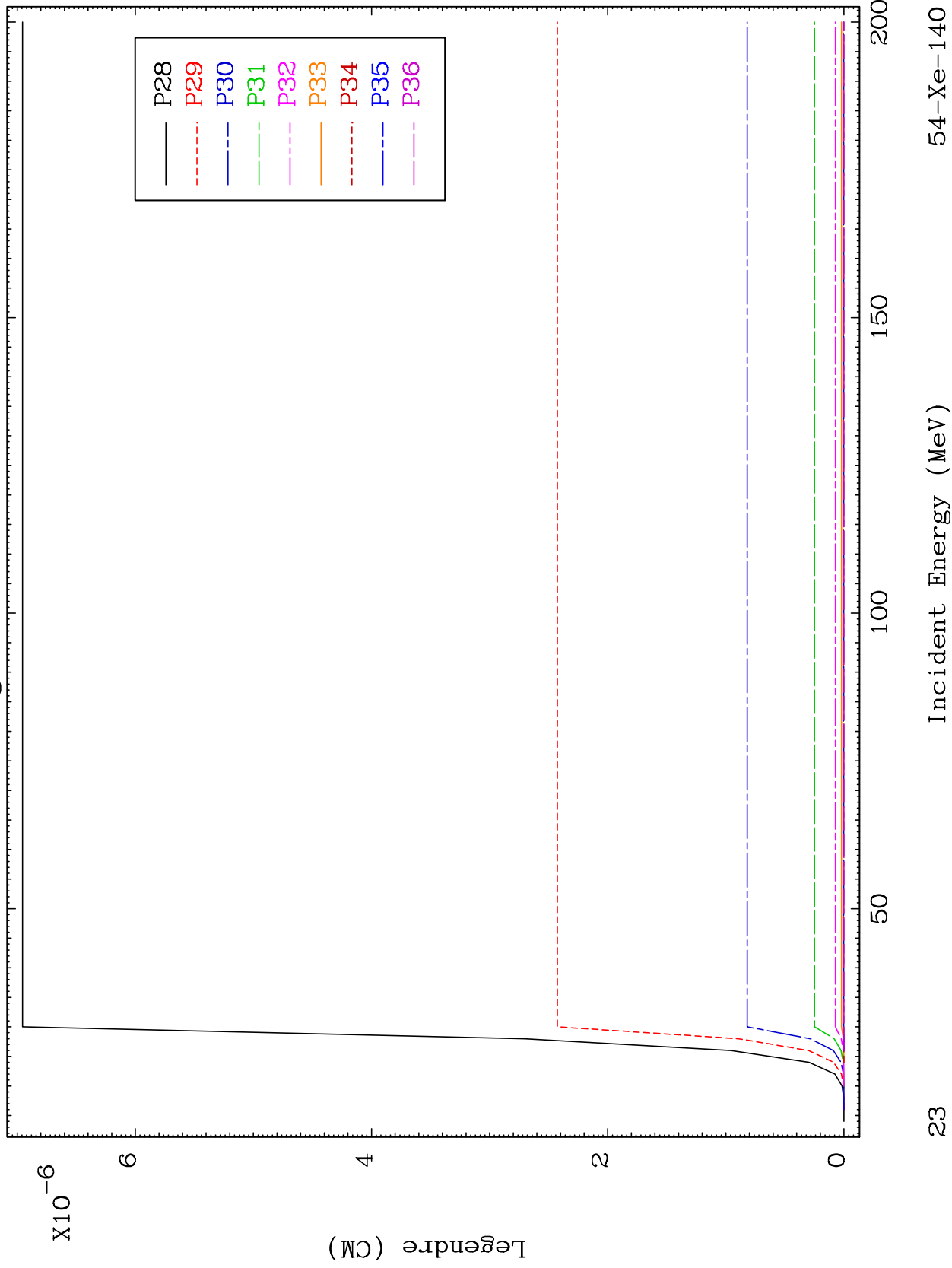
54-Xe-140



MAT 5473

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

54-Xe-140



23

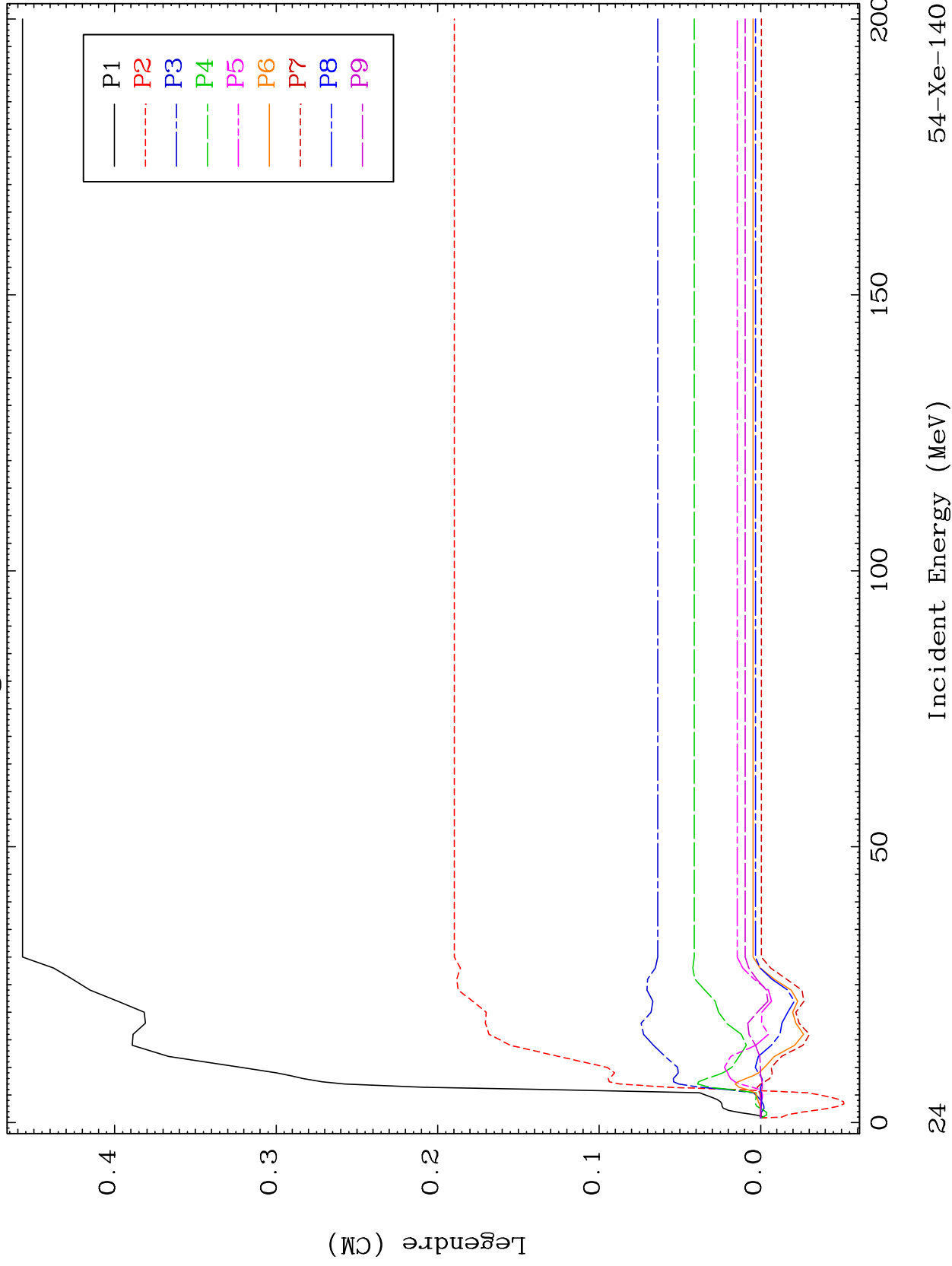
54-Xe-140



MAT 5473

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

54-Xe-140



54-Xe-140

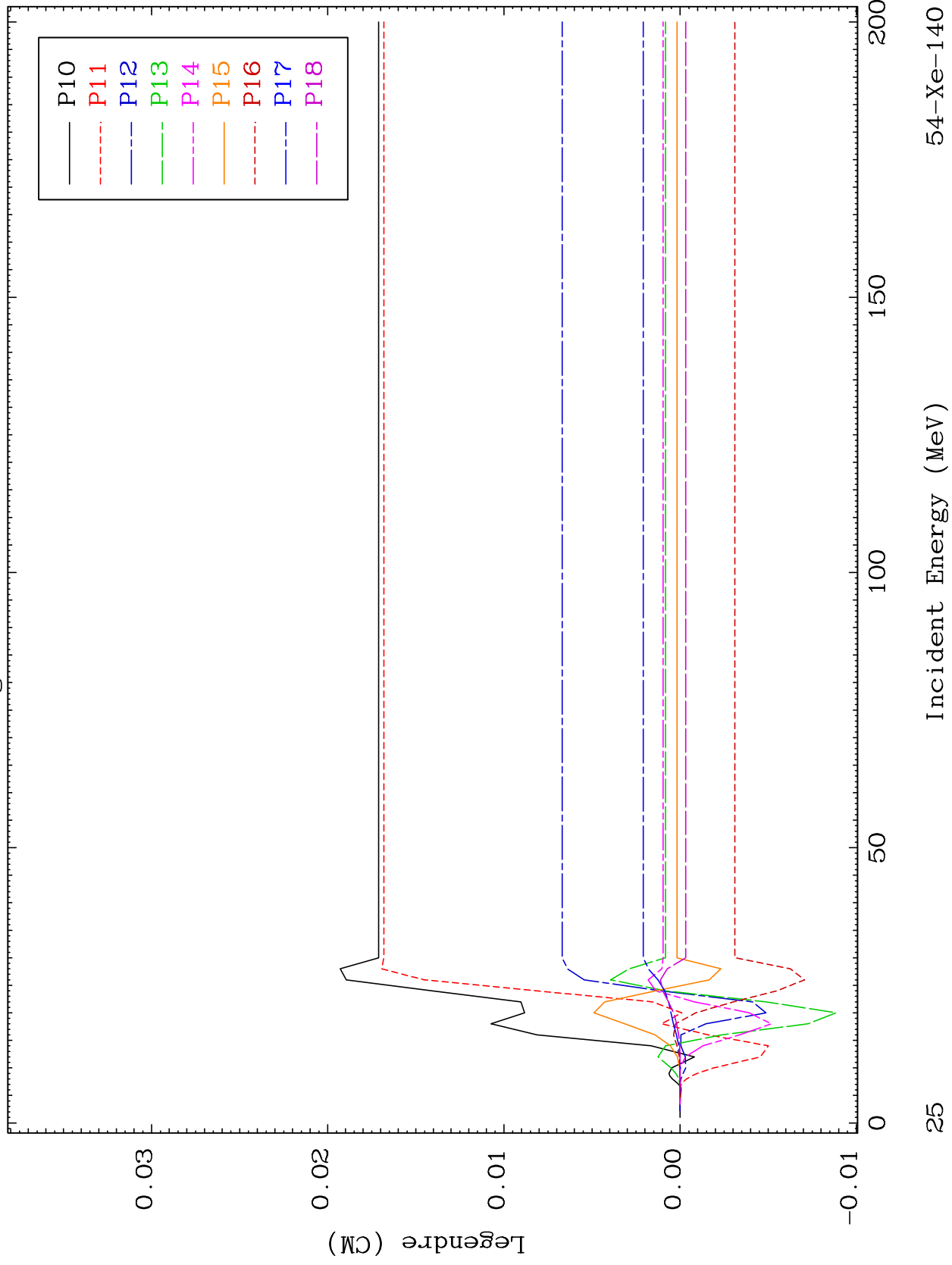
Incident Energy (MeV)

24

MAT 5473

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

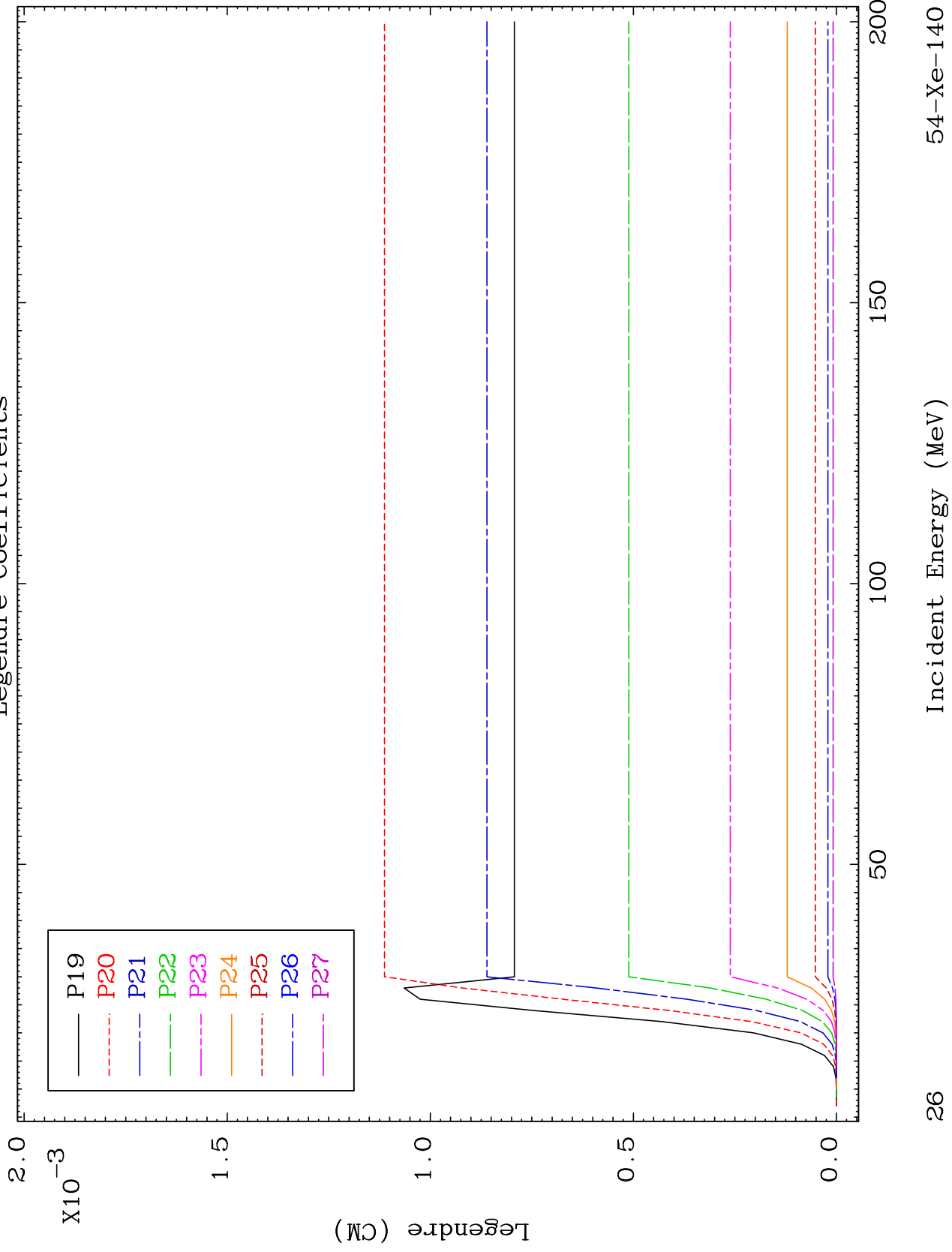
54-Xe-140



MAT 5473

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

54-Xe-140



26

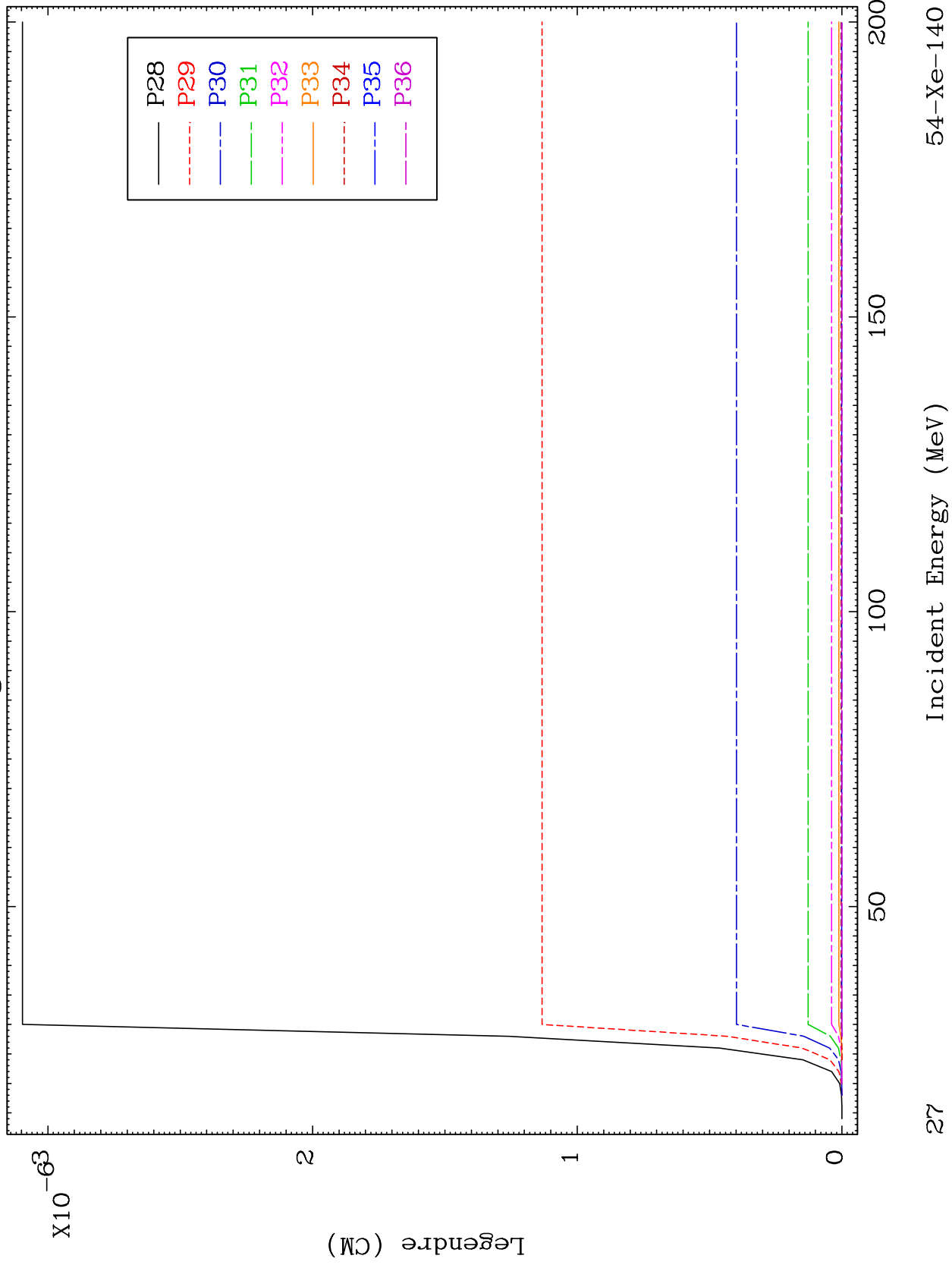
Incident Energy (MeV)

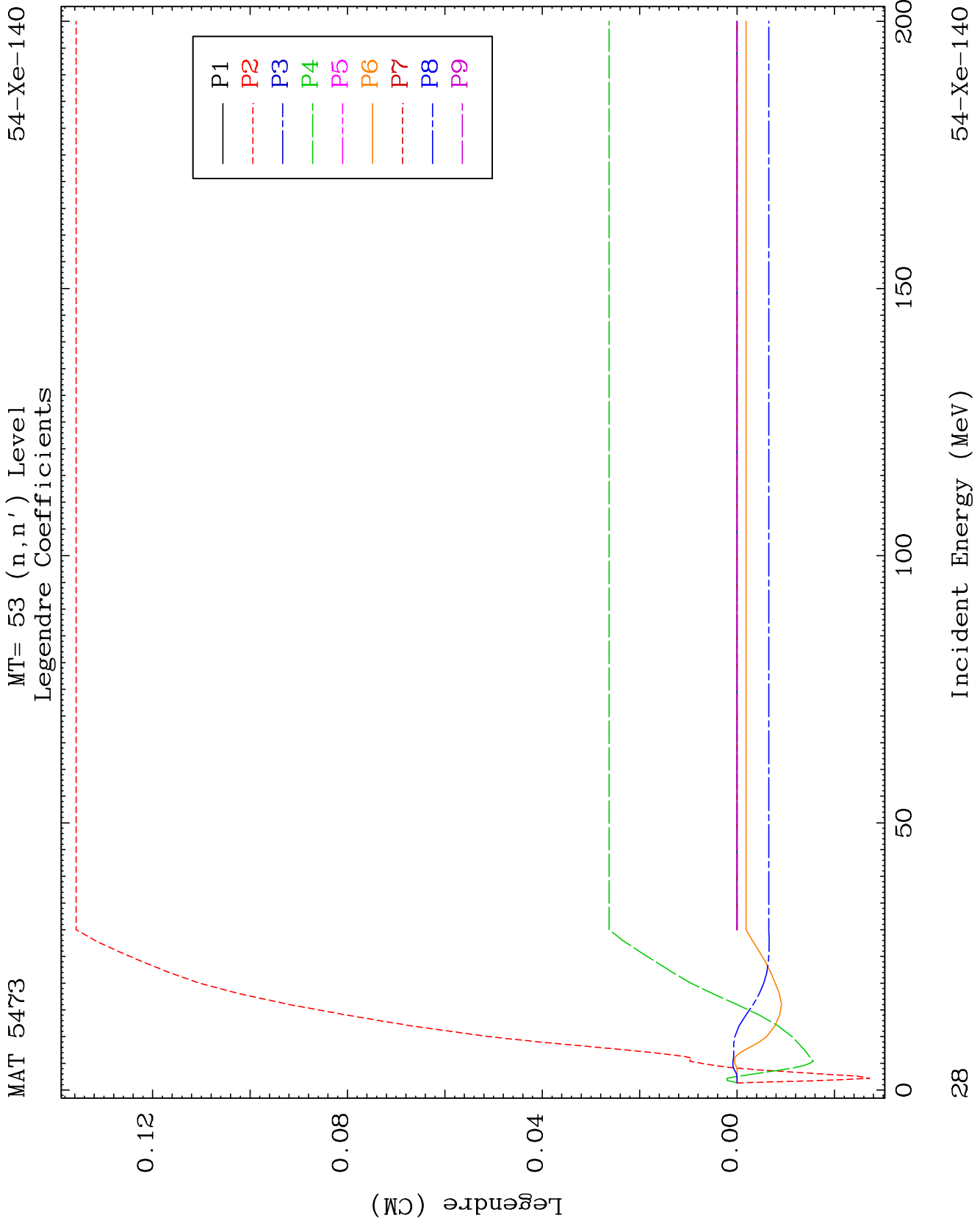
54-Xe-140

MAT 5473

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

54-Xe-140

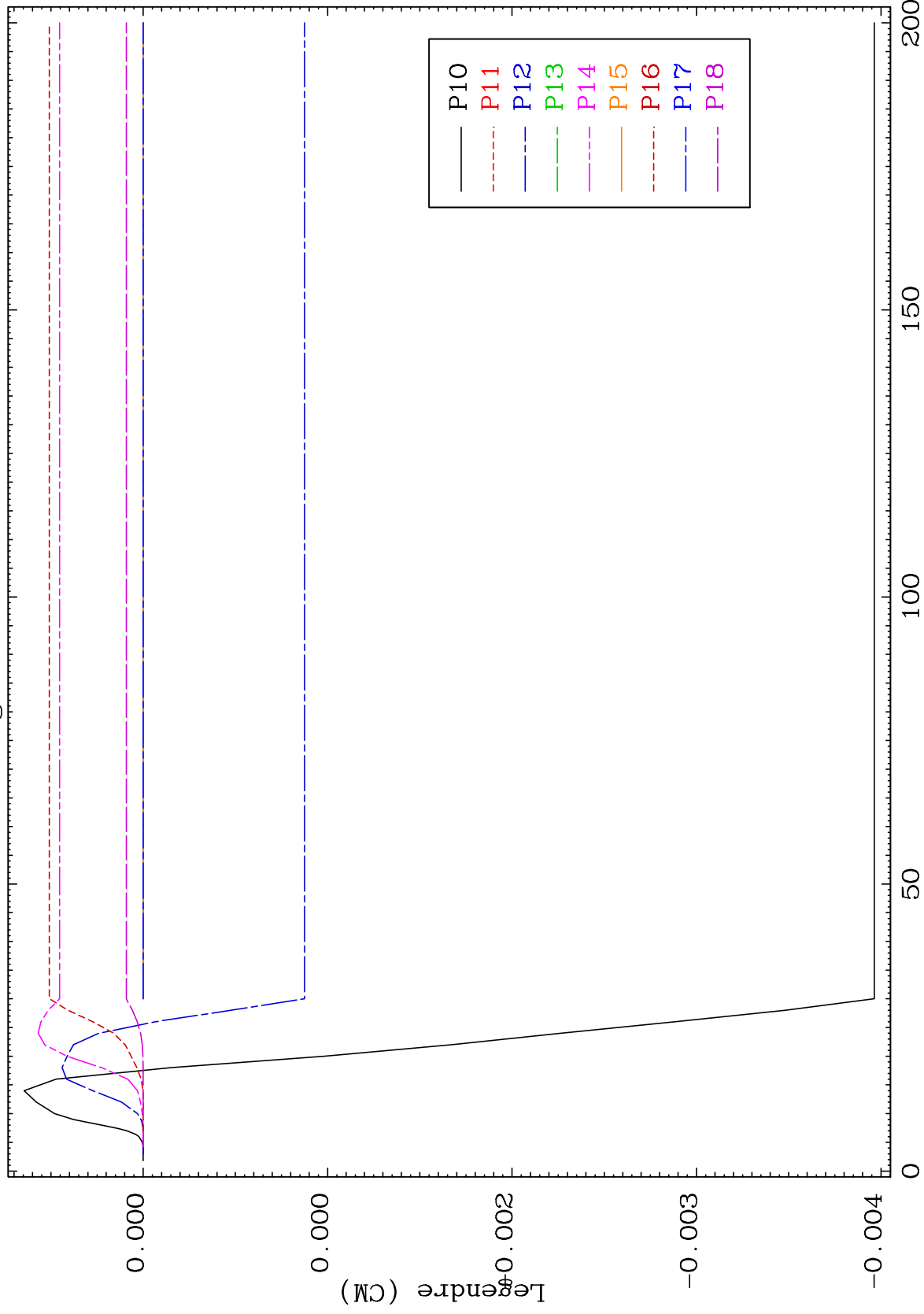




MAT 5473

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

54-Xe-140



29

Incident Energy (MeV)

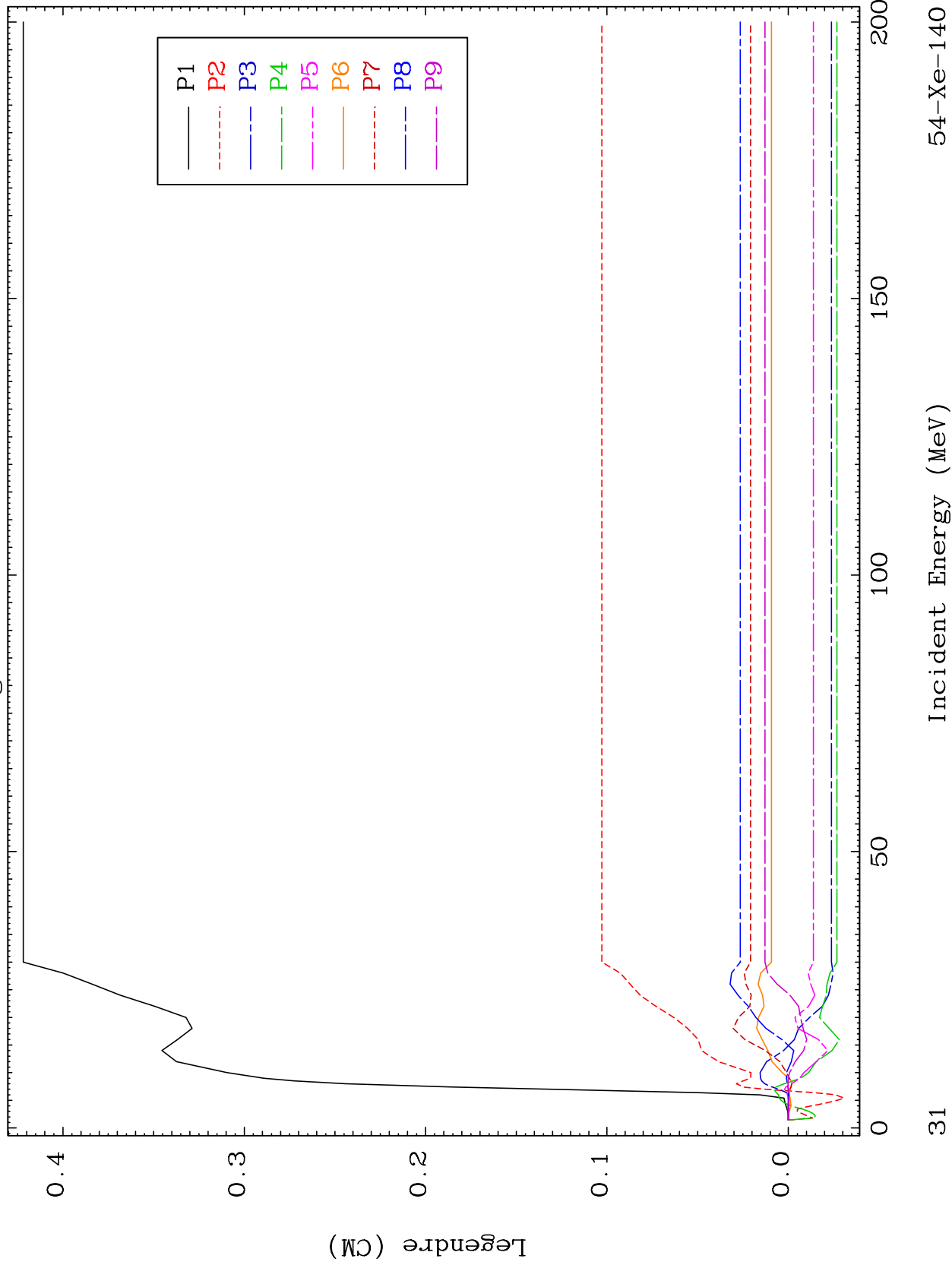
54-Xe-140



MAT 5473

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

54-Xe-140



54-Xe-140

Incident Energy (MeV)

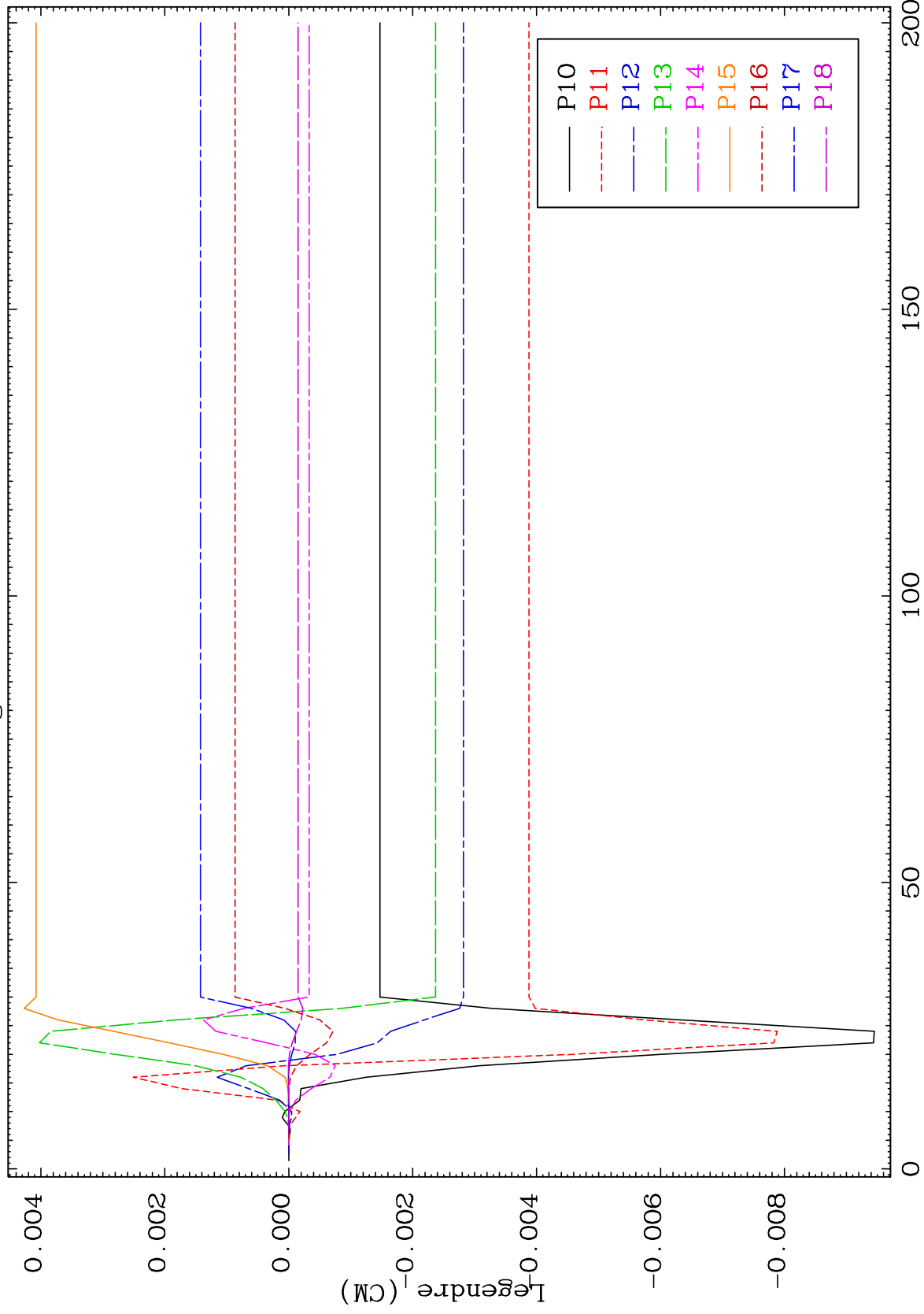
31



MAT 5473

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

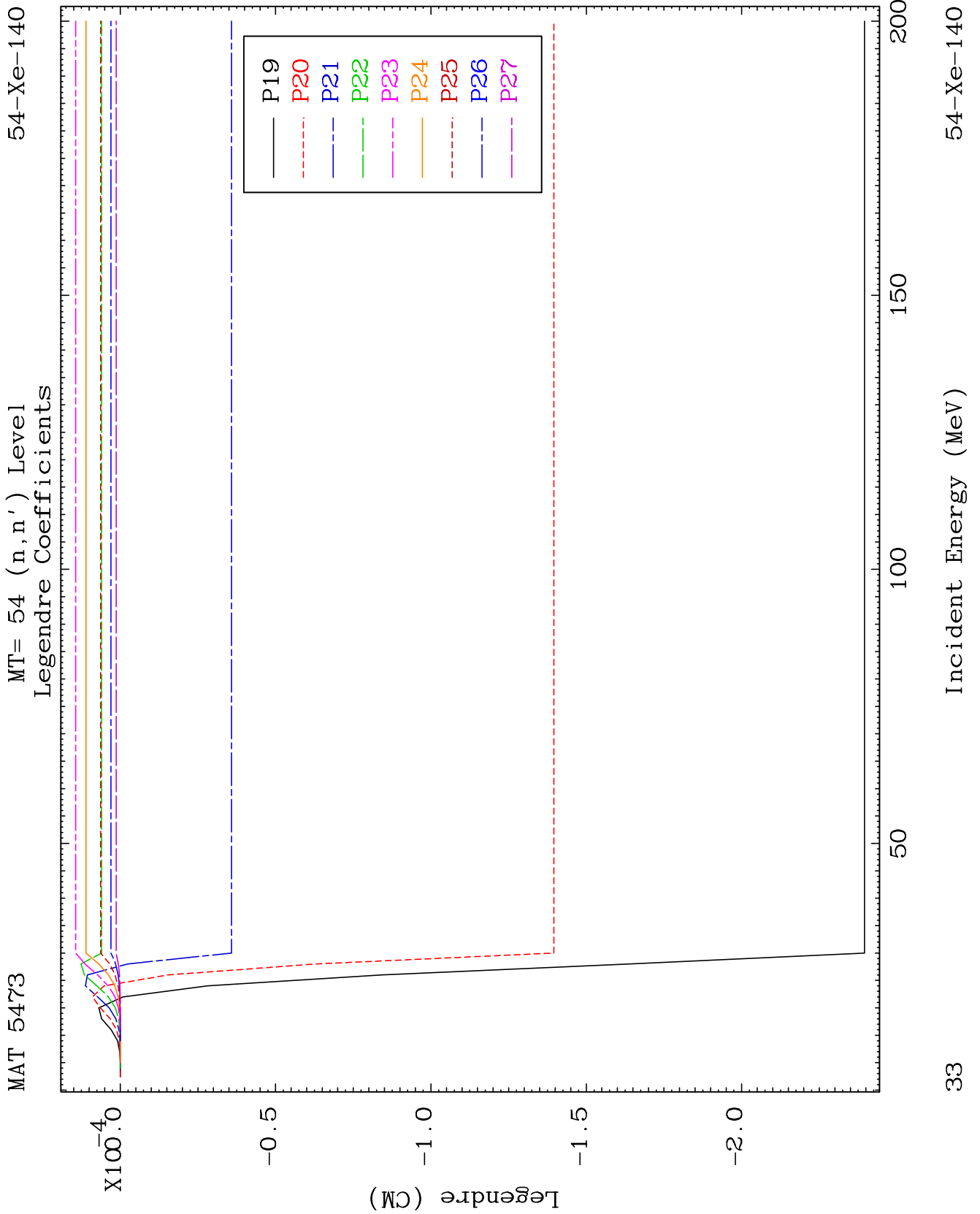
54-Xe-140



32

Incident Energy (MeV)

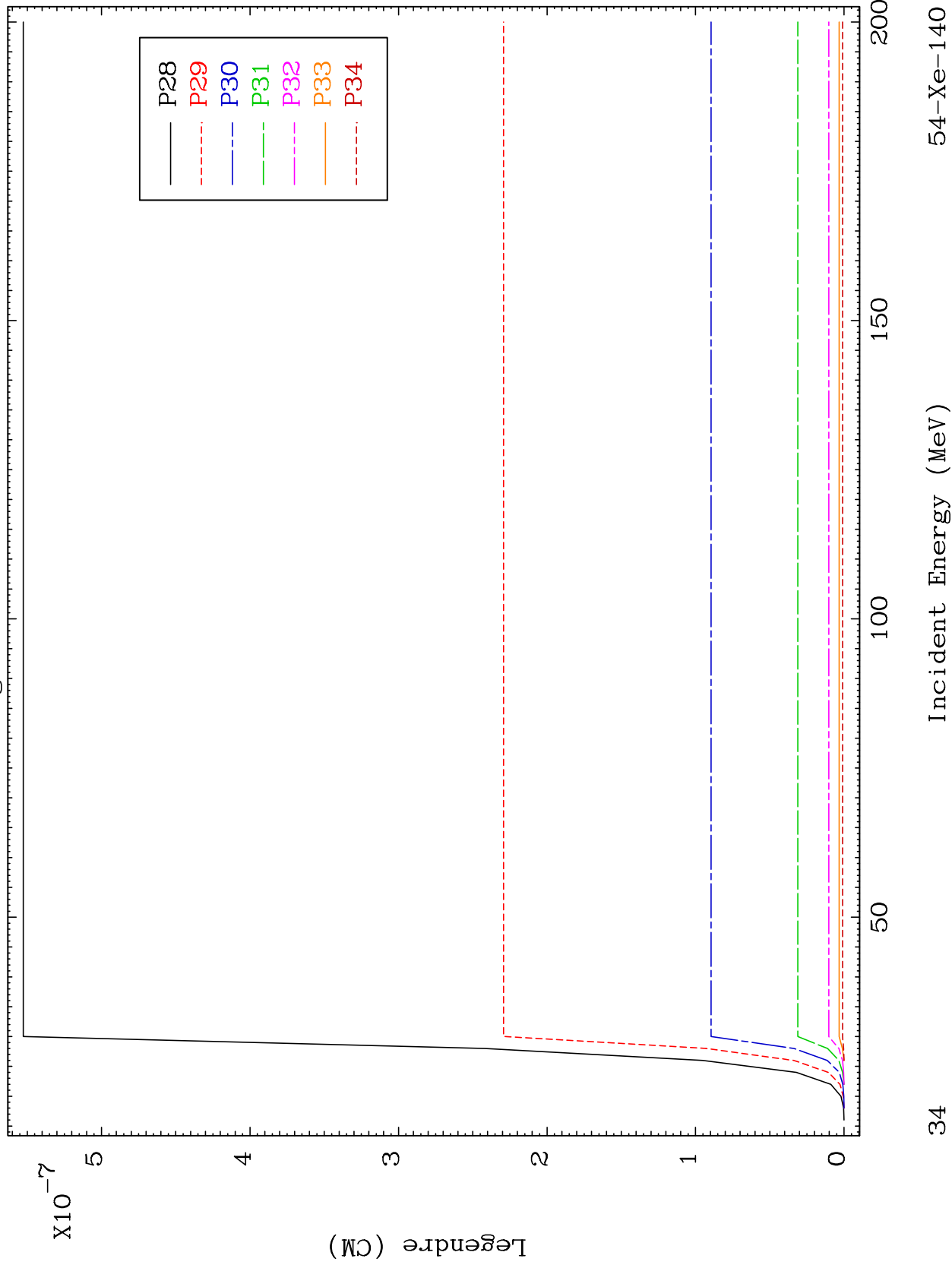
54-Xe-140



MAT 5473

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

54-Xe-140



34

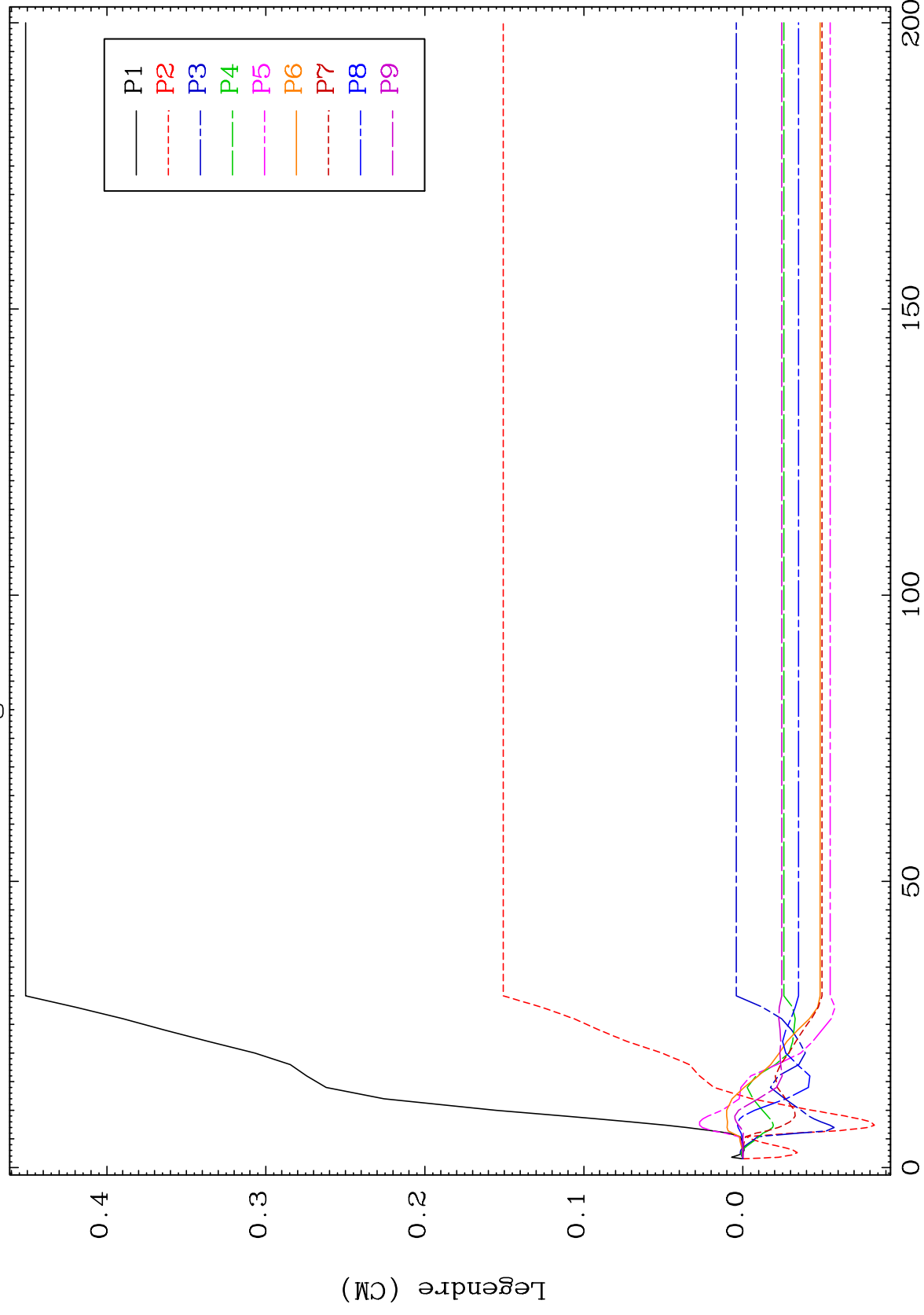
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



54-Xe-140

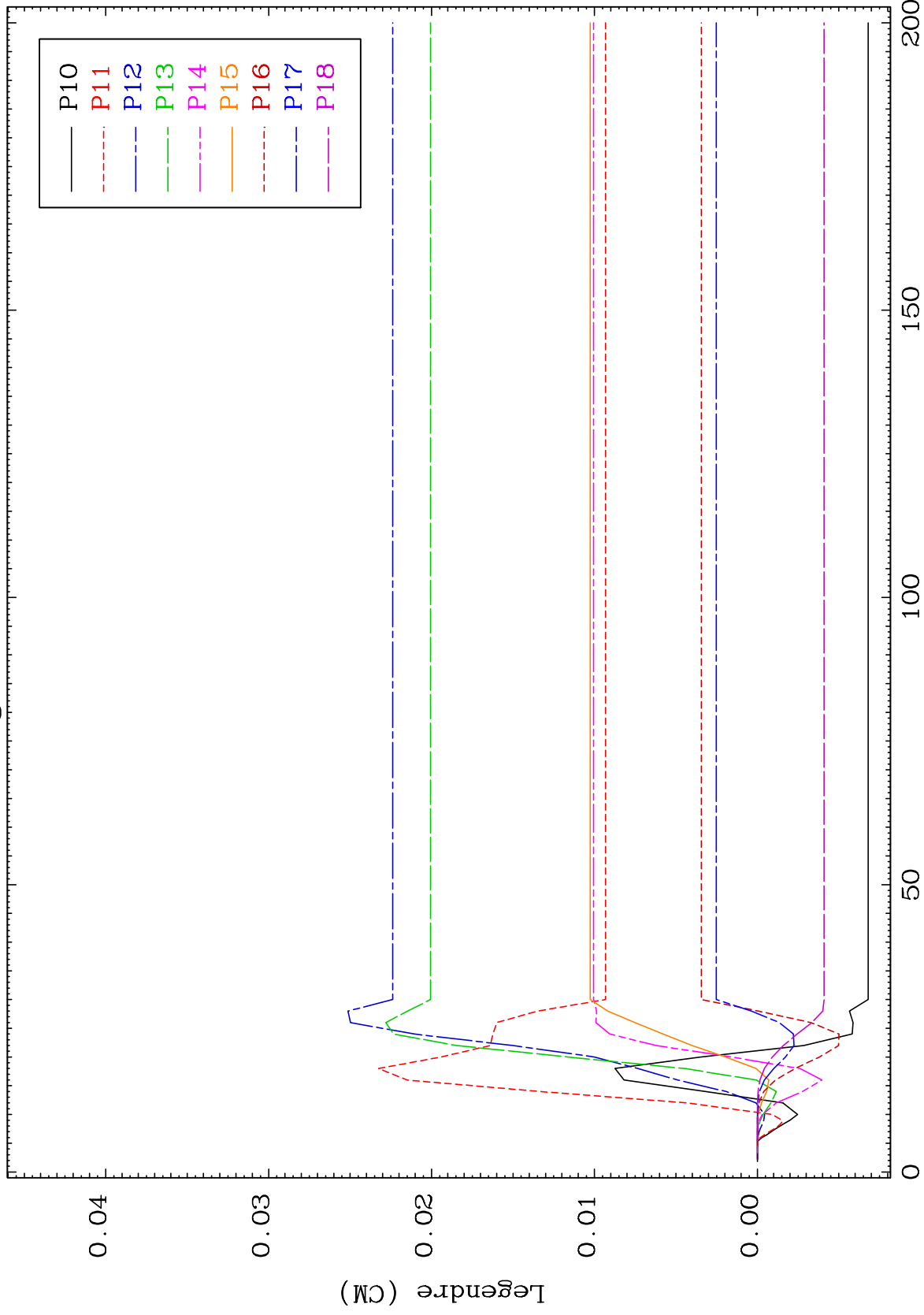
Incident Energy (MeV)

35

MAT 5473

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

54-Xe-140



36

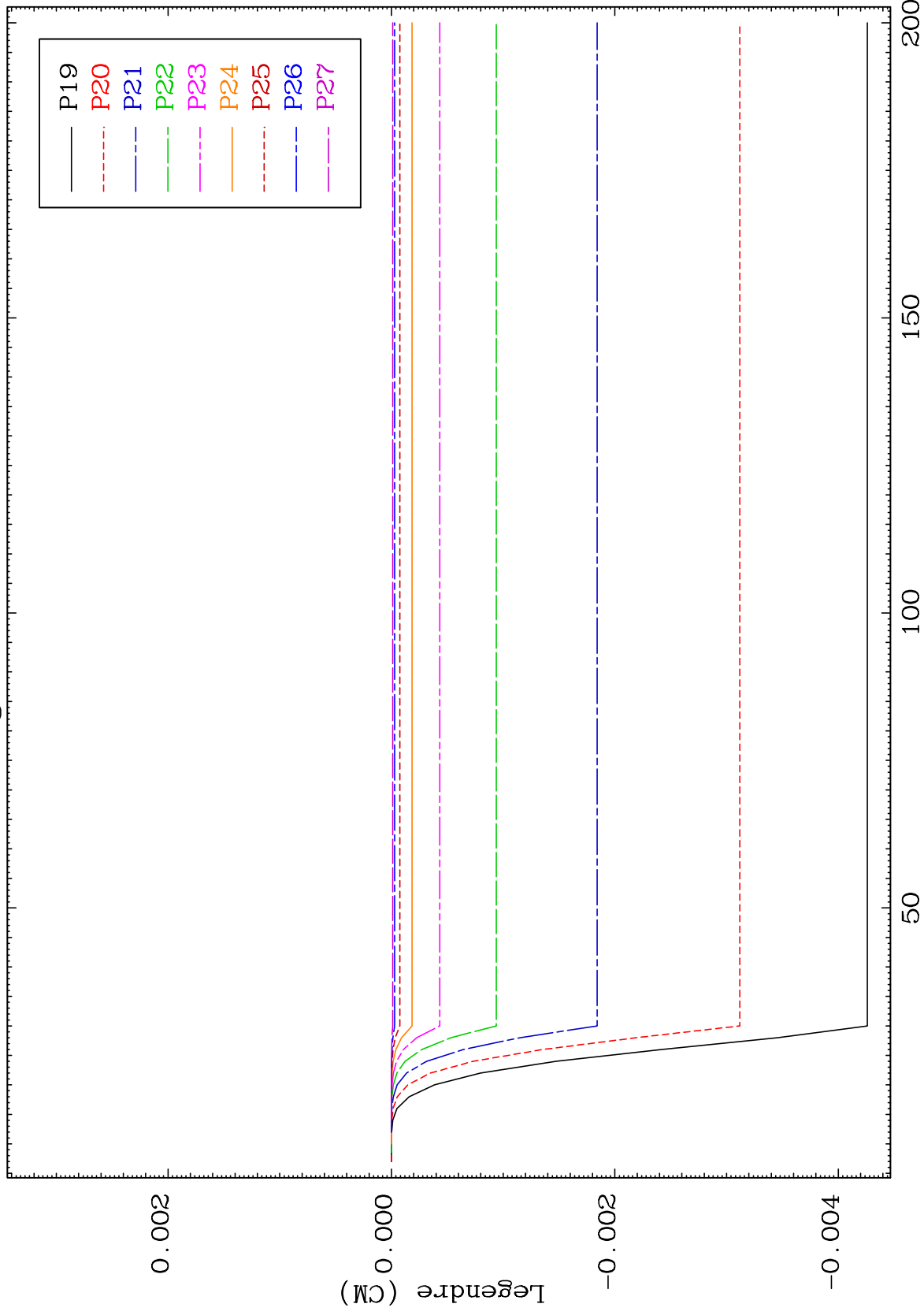
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

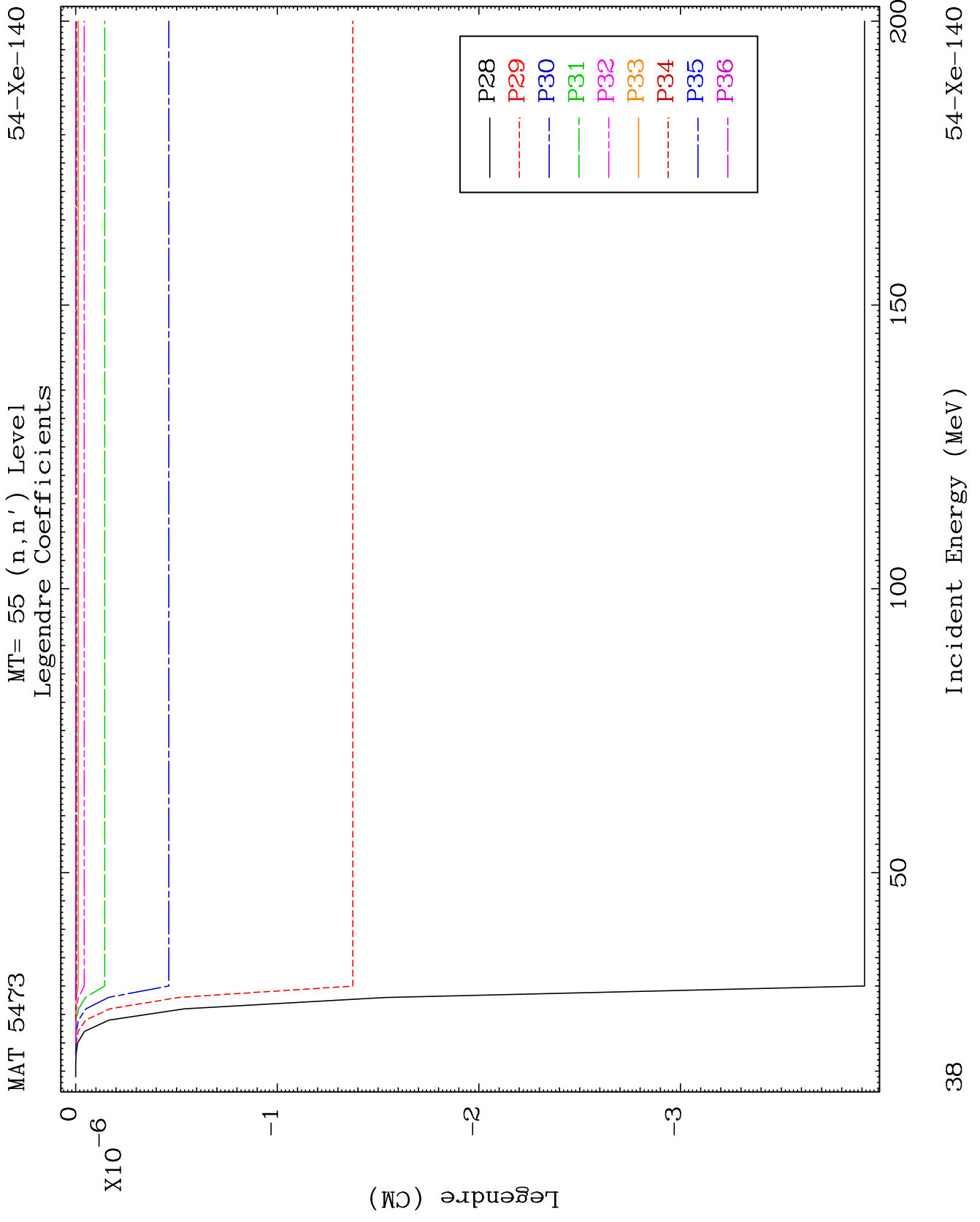
54-Xe-140



37

Incident Energy (MeV)

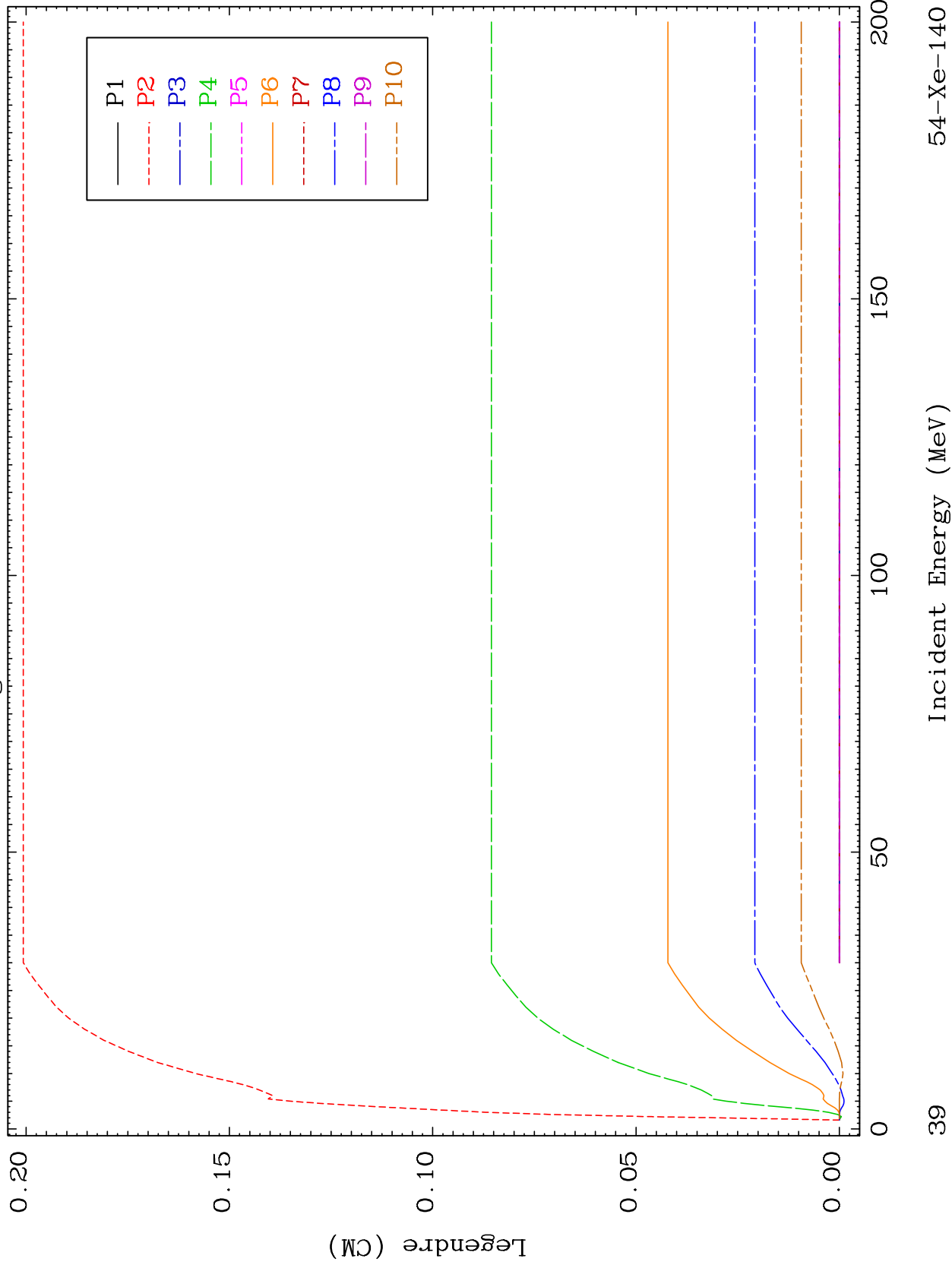
54-Xe-140



MAT 5473

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

54-Xe-140



54-Xe-140

Incident Energy (MeV)

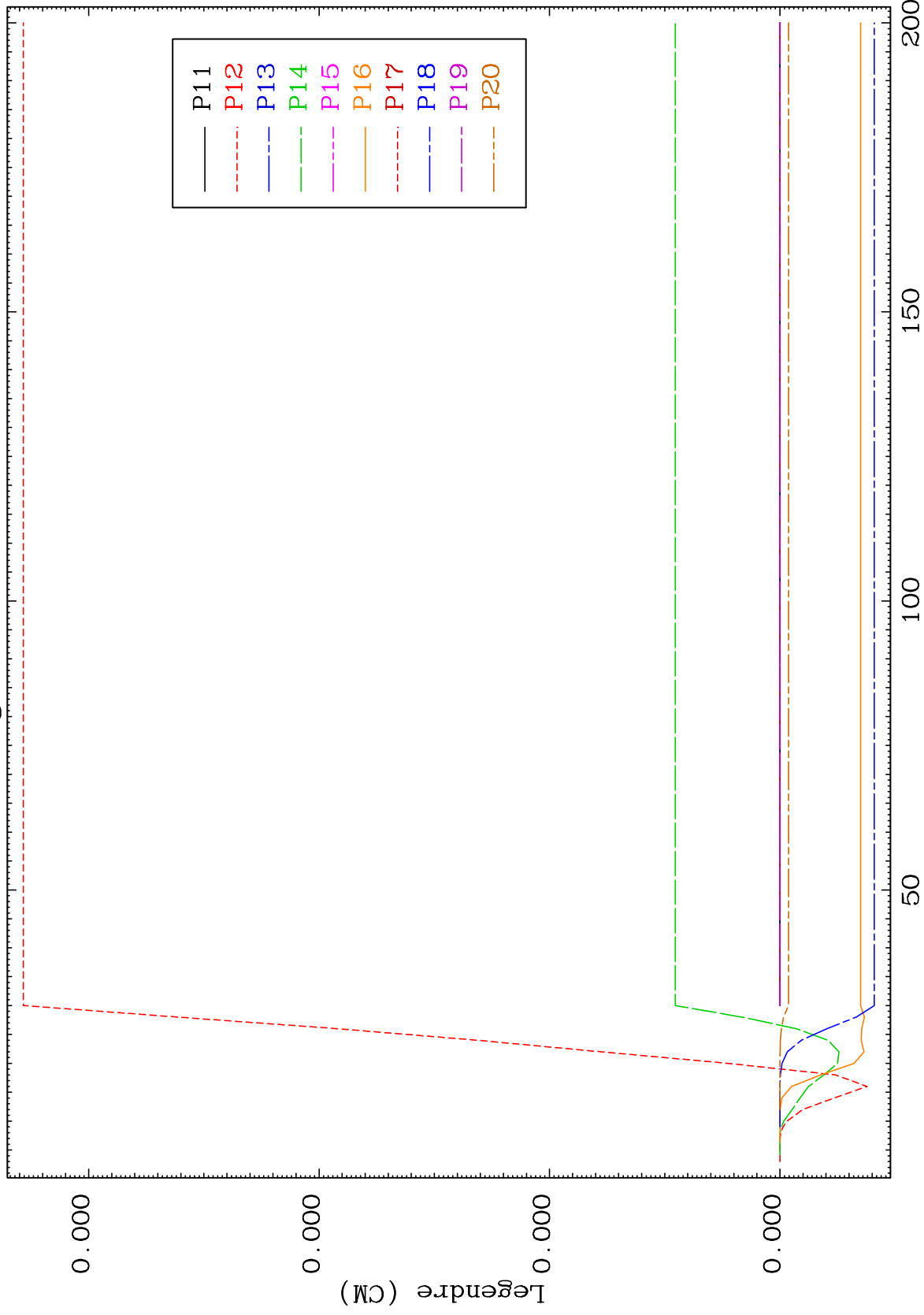
39



MAT 5473

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

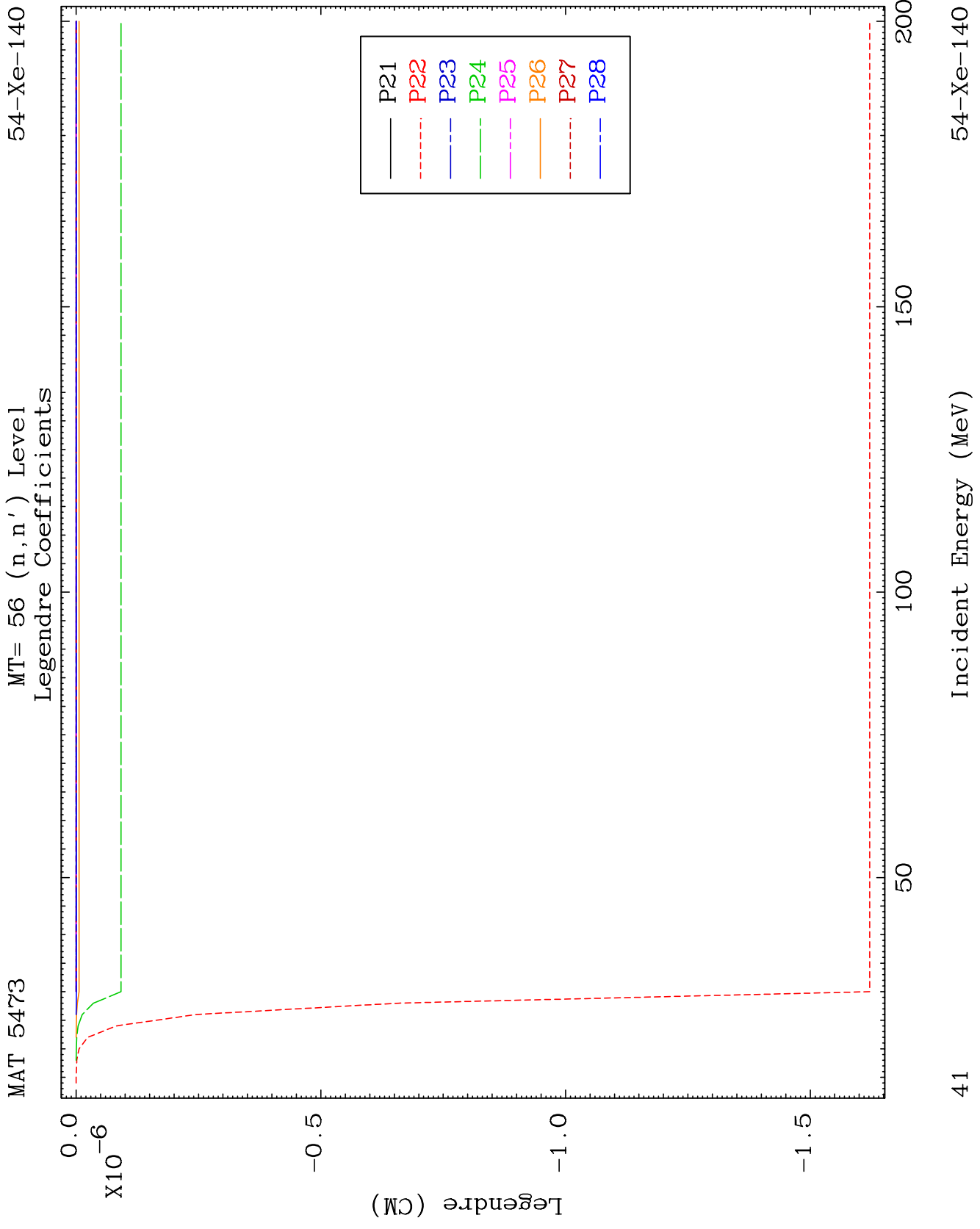
54-Xe-140



40

Incident Energy (MeV)

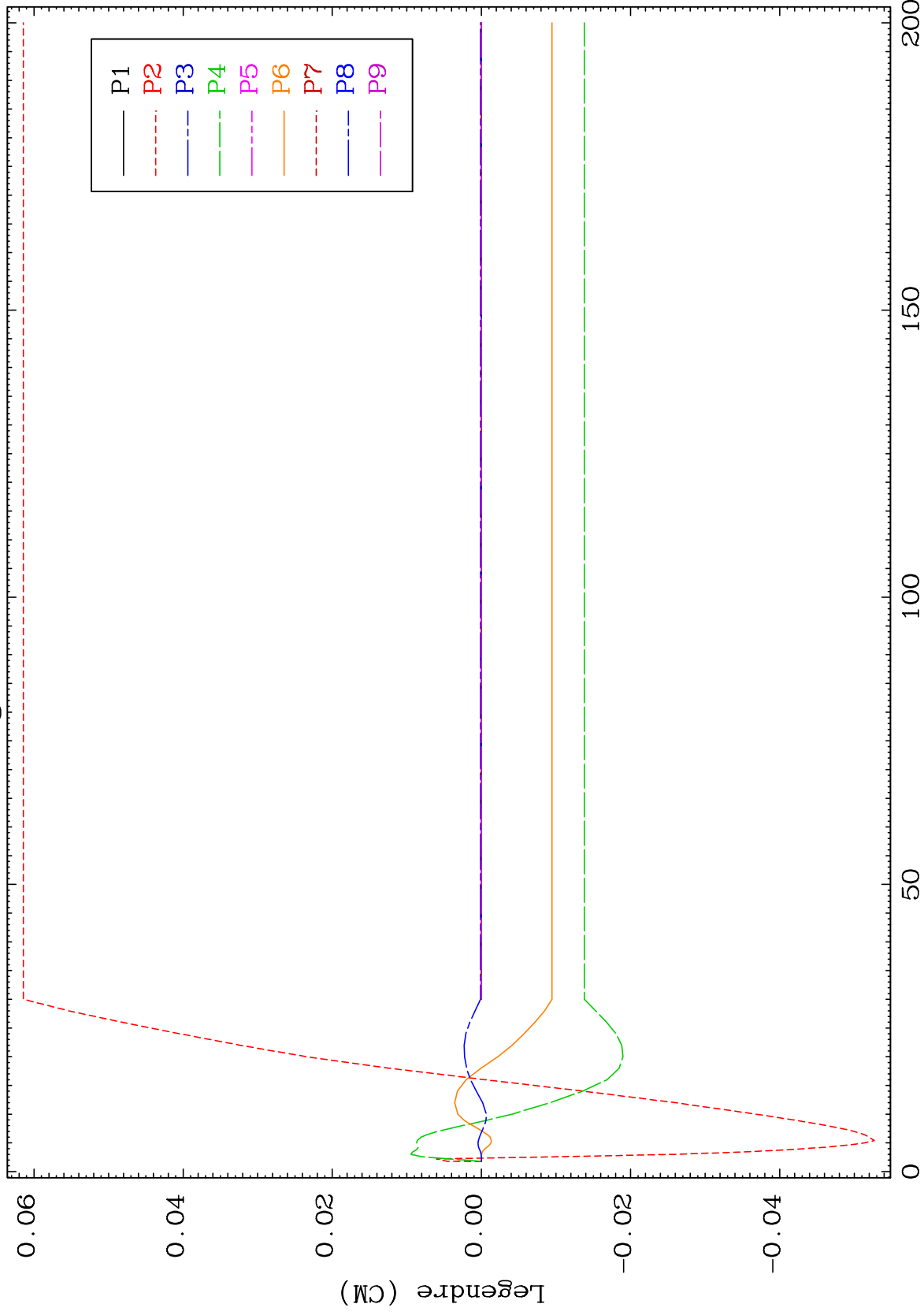
54-Xe-140



MAT 5473

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

54-Xe-140



42

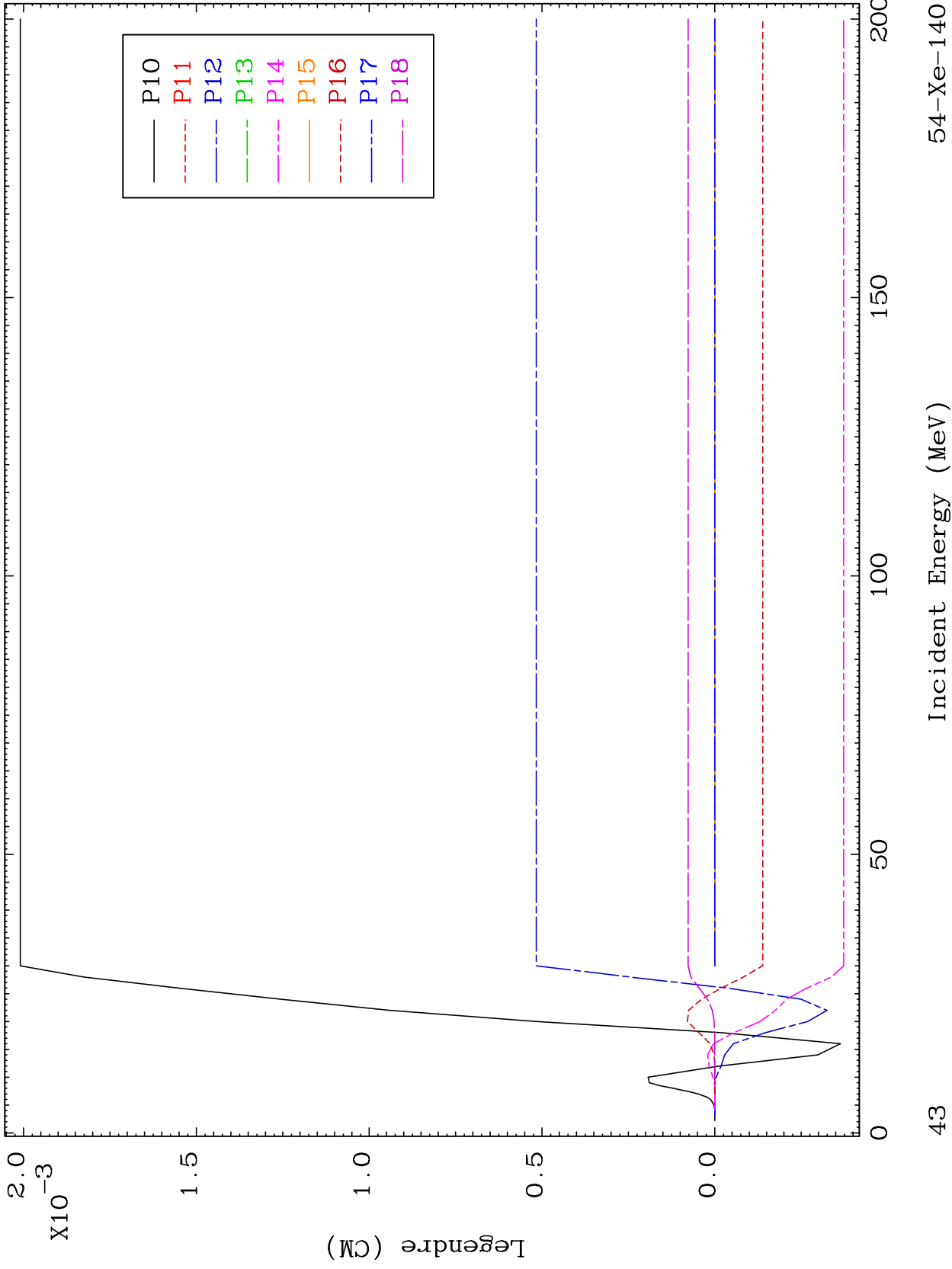
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



43

Incident Energy (MeV)

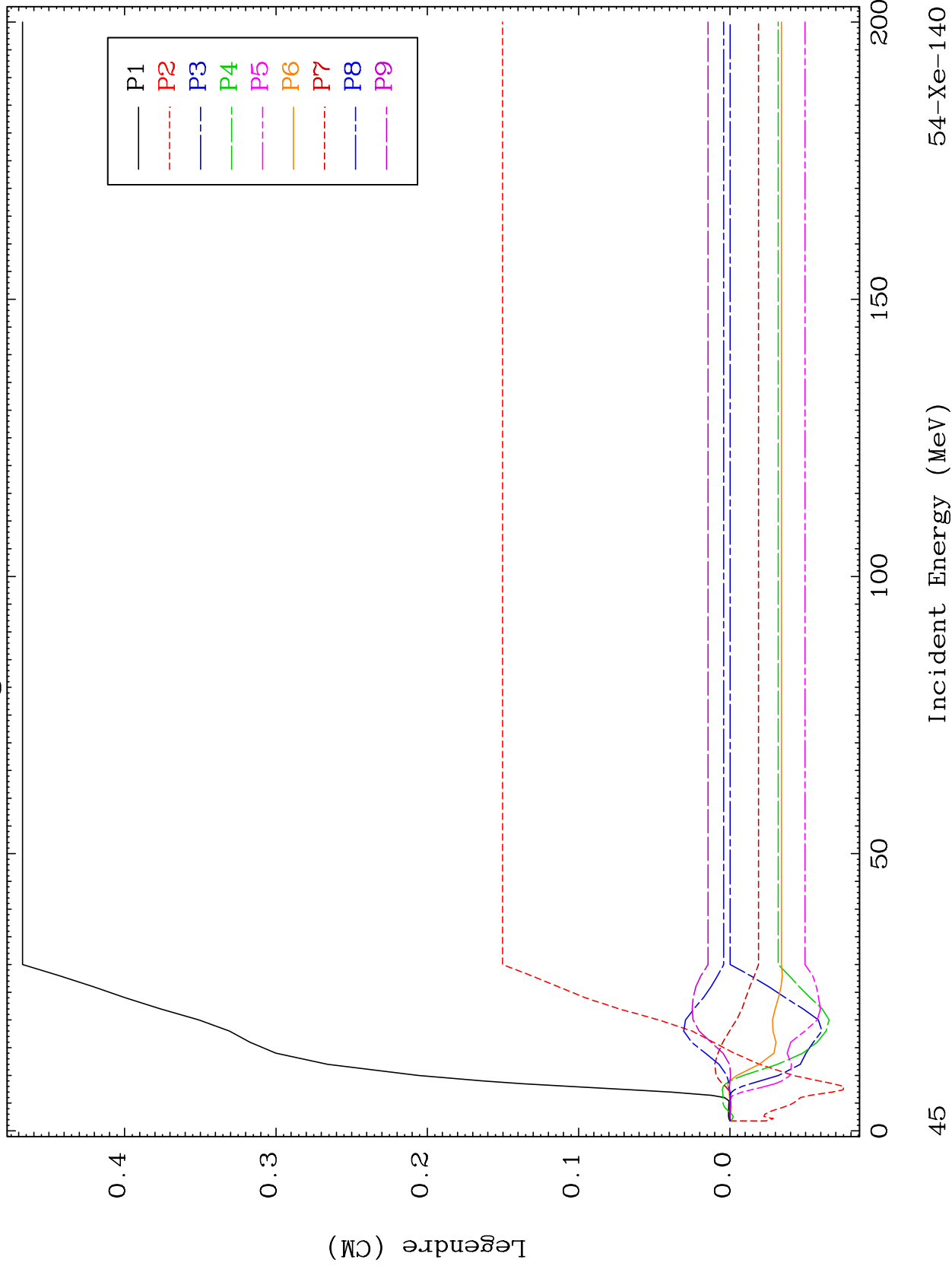
54-Xe-140



MAT 5473

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

54-Xe-140



54-Xe-140

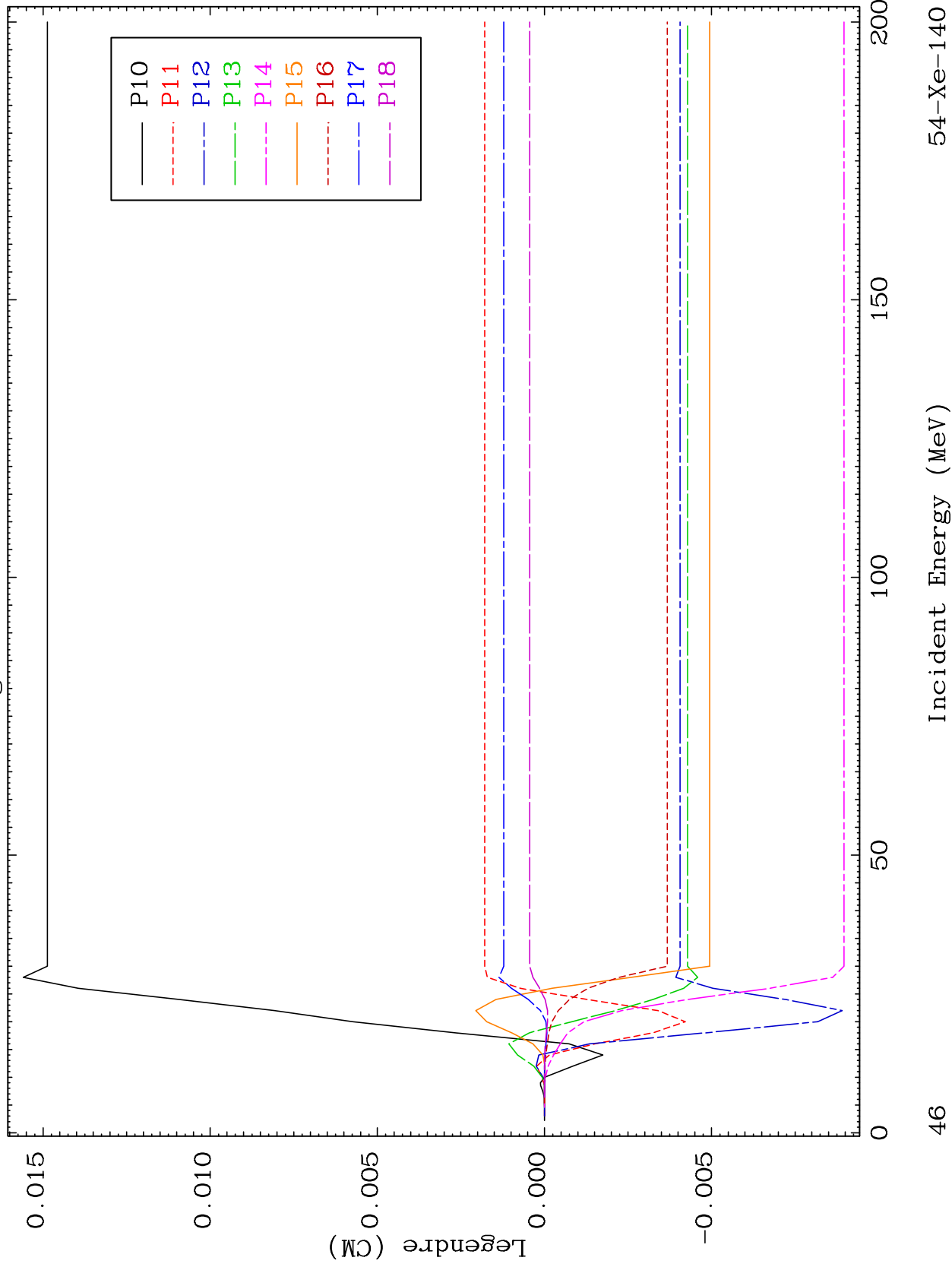
Incident Energy (MeV)

45

MAT 5473

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

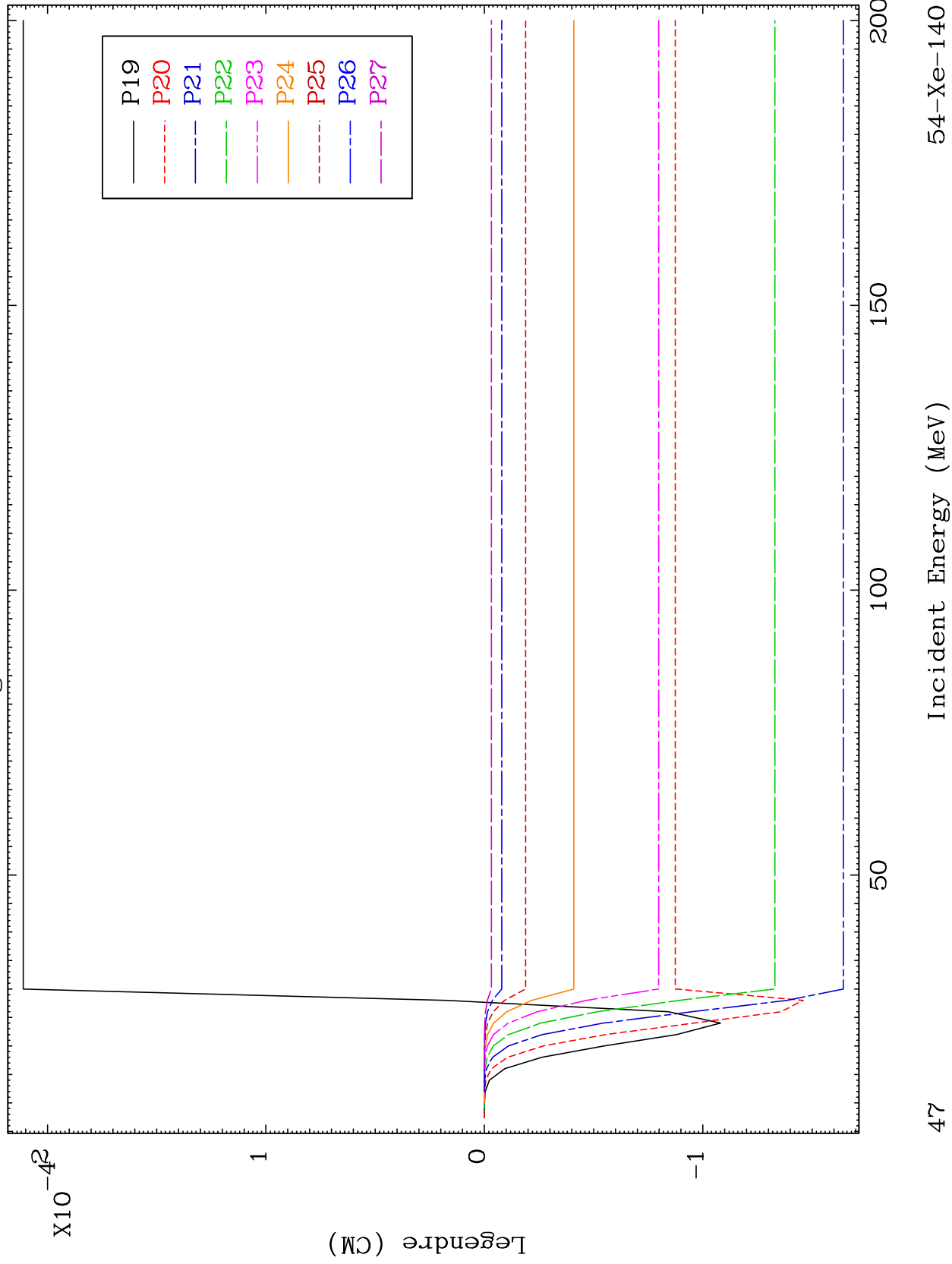
54-Xe-140



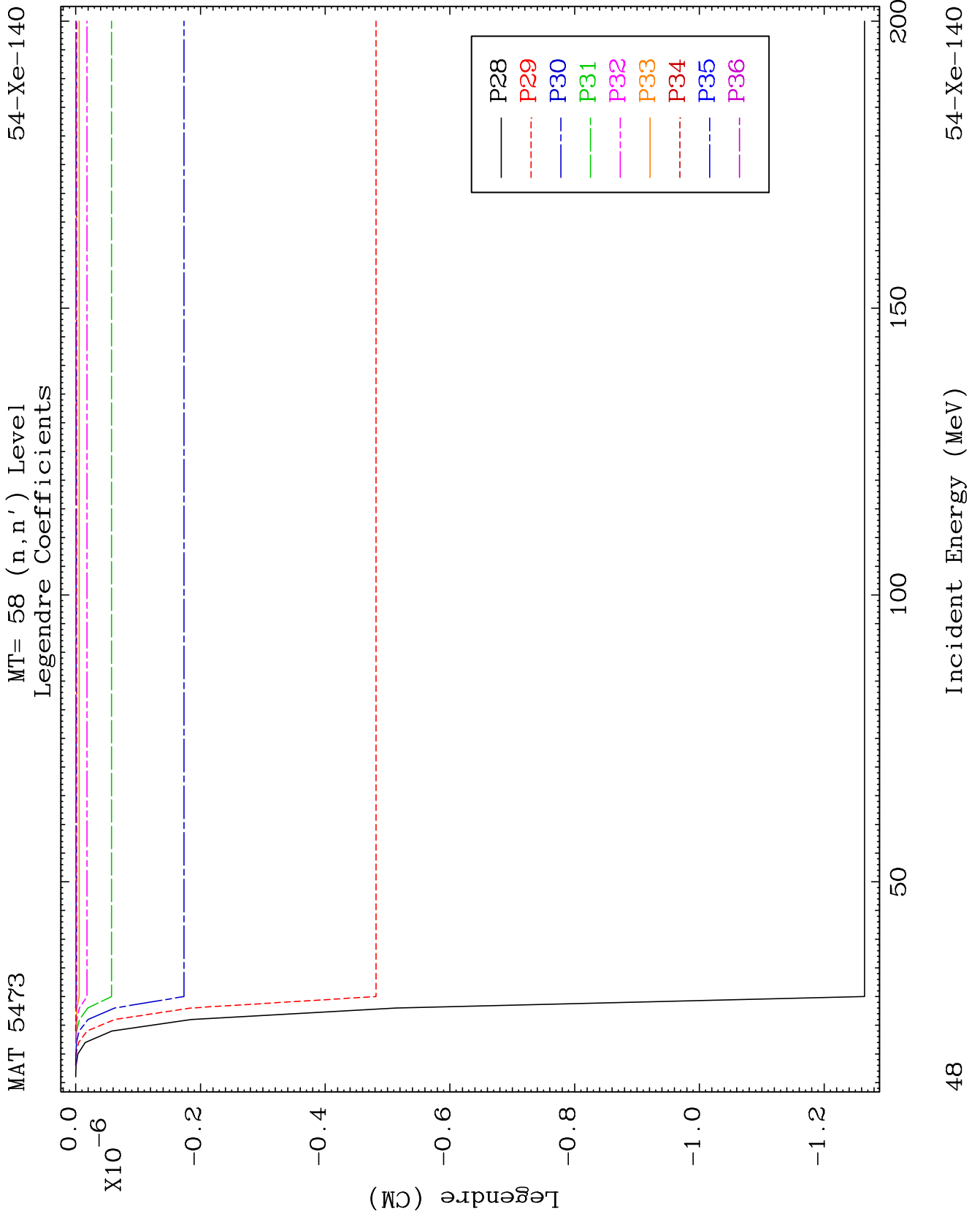
MAT 5473

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

54-Xe-140



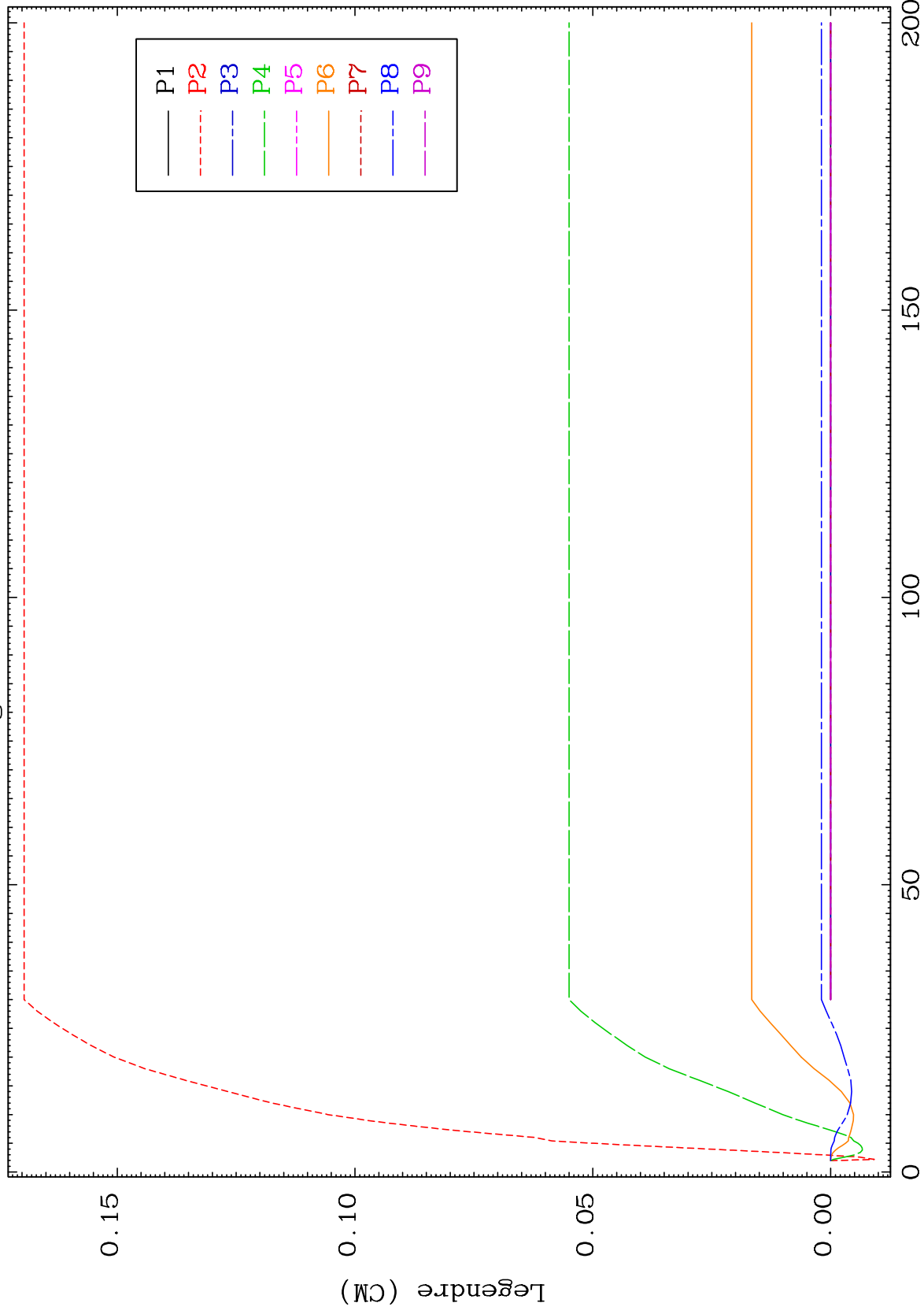




MAT 5473

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

54-Xe-140



54-Xe-140

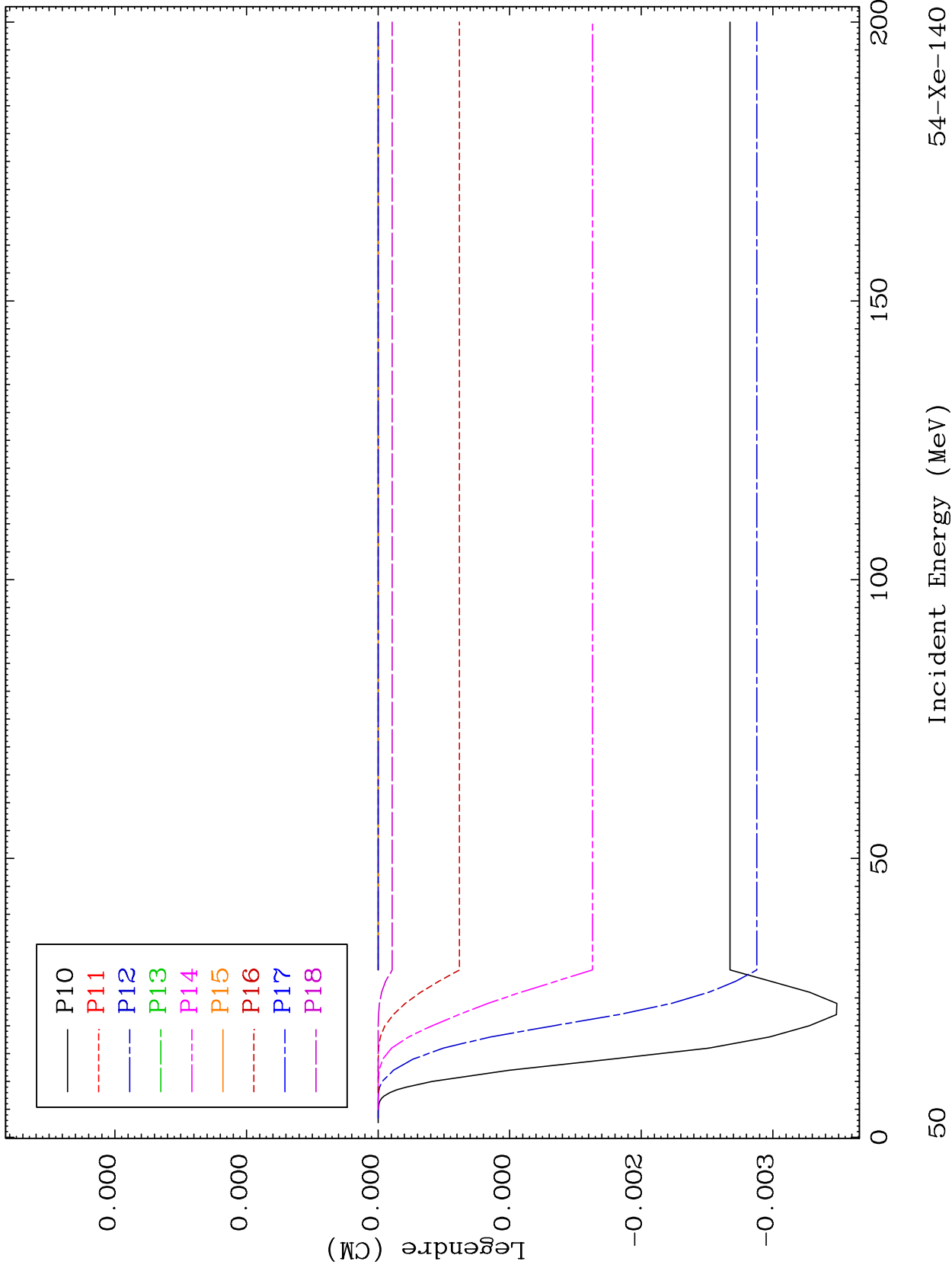
Incident Energy (MeV)

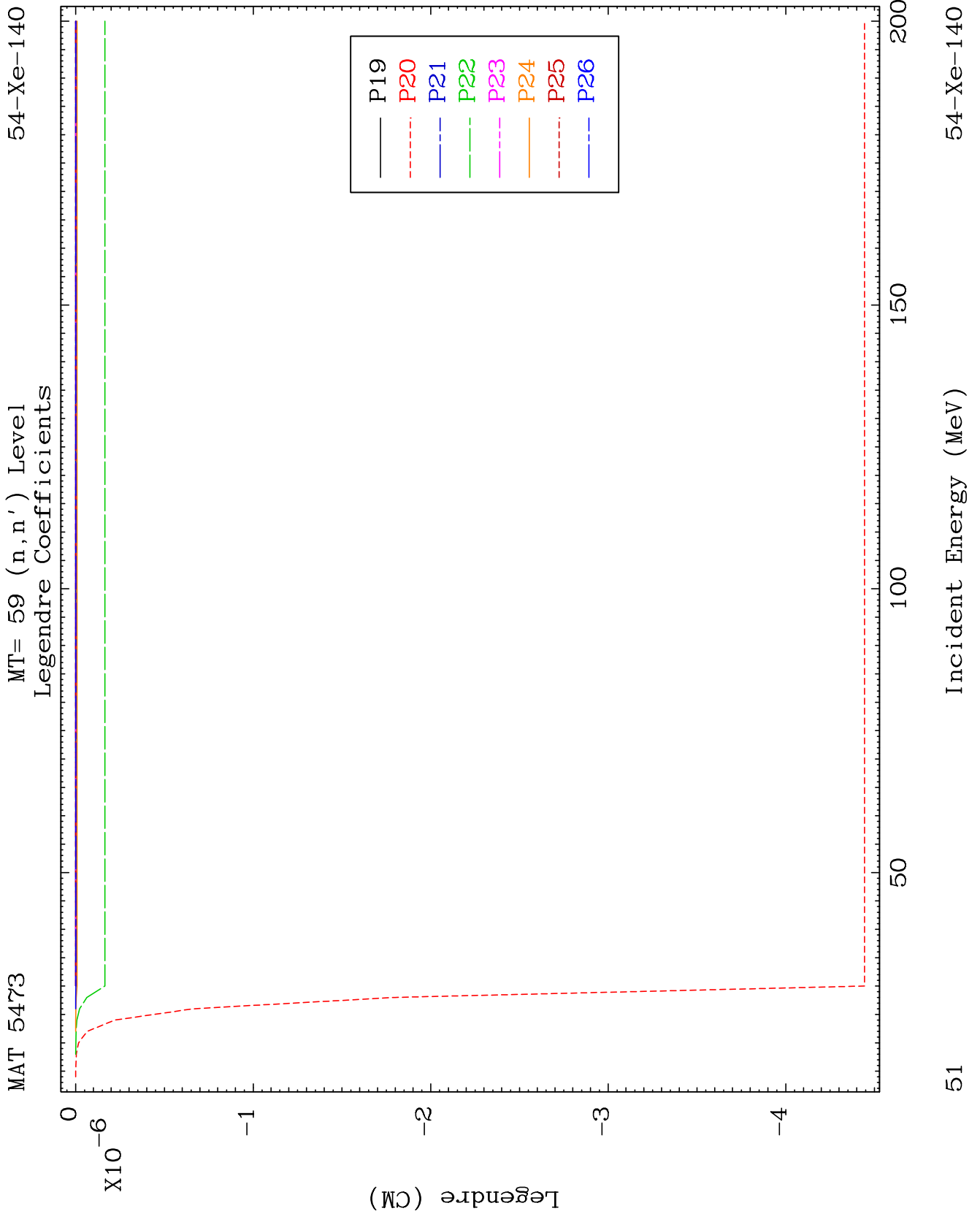
49

MAT 5473

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

54-Xe-140

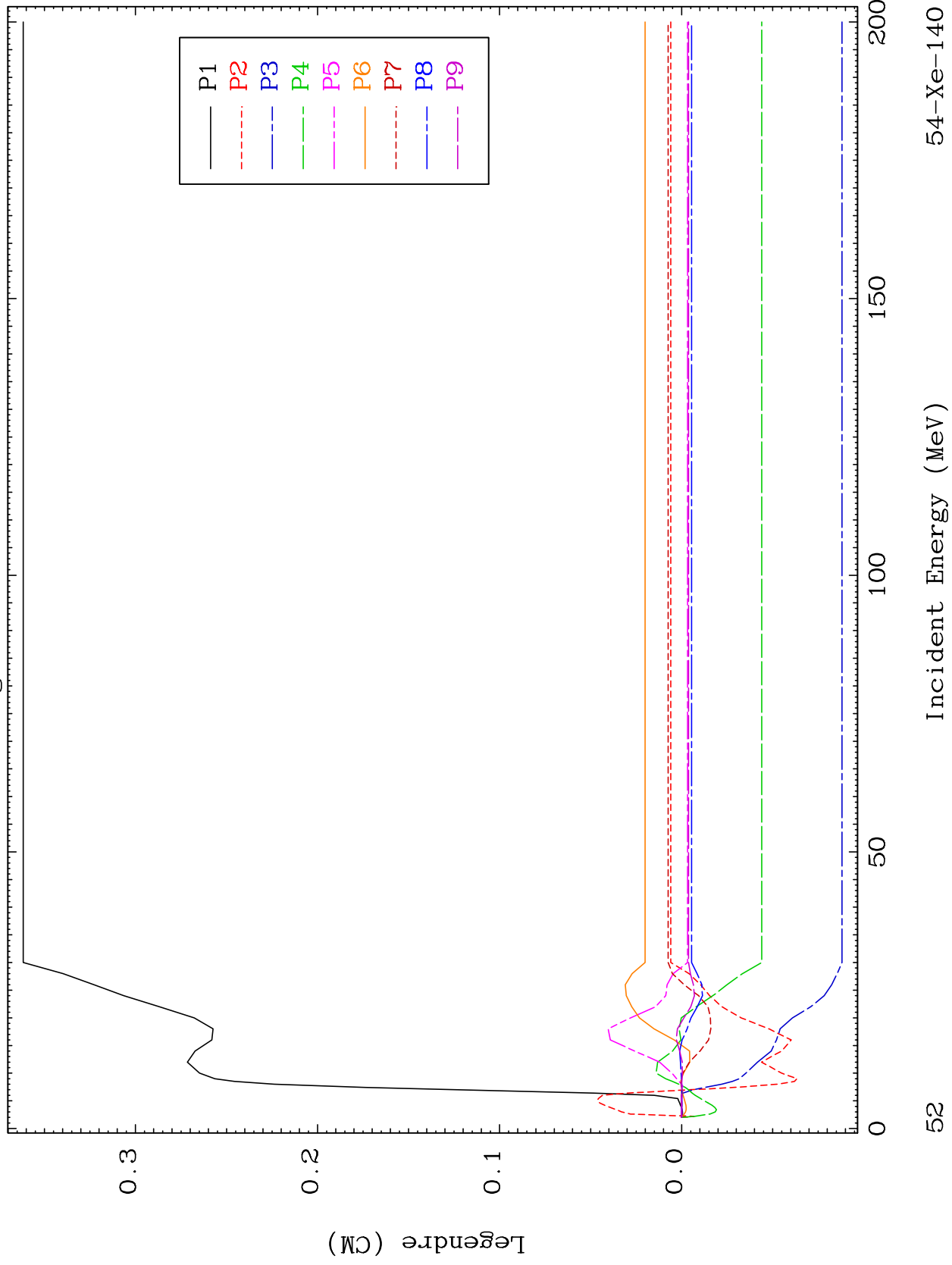




MAT 5473

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

54-Xe-140



54-Xe-140

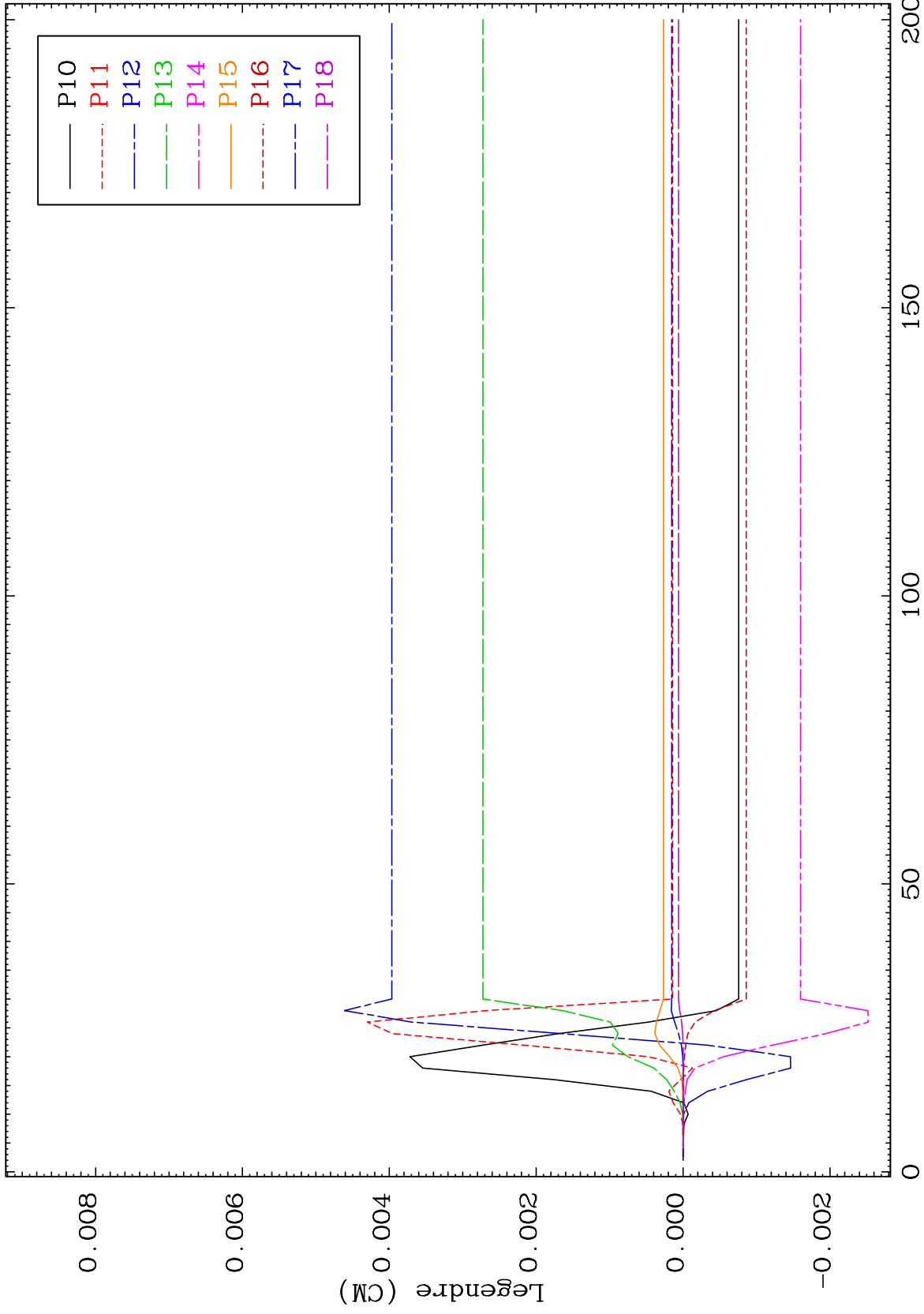
Incident Energy (MeV)

52

MAT 5473

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

54-Xe-140



53

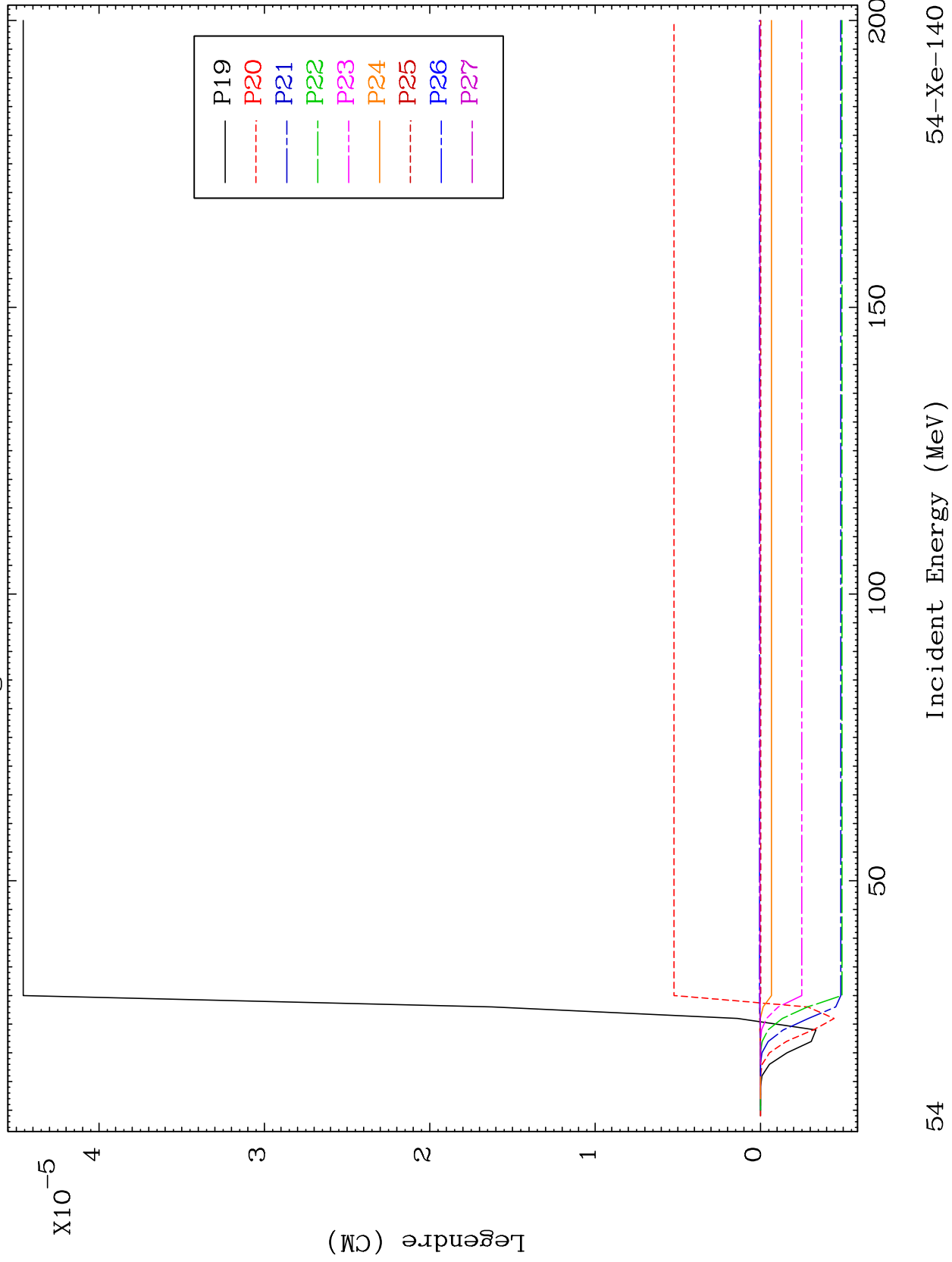
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



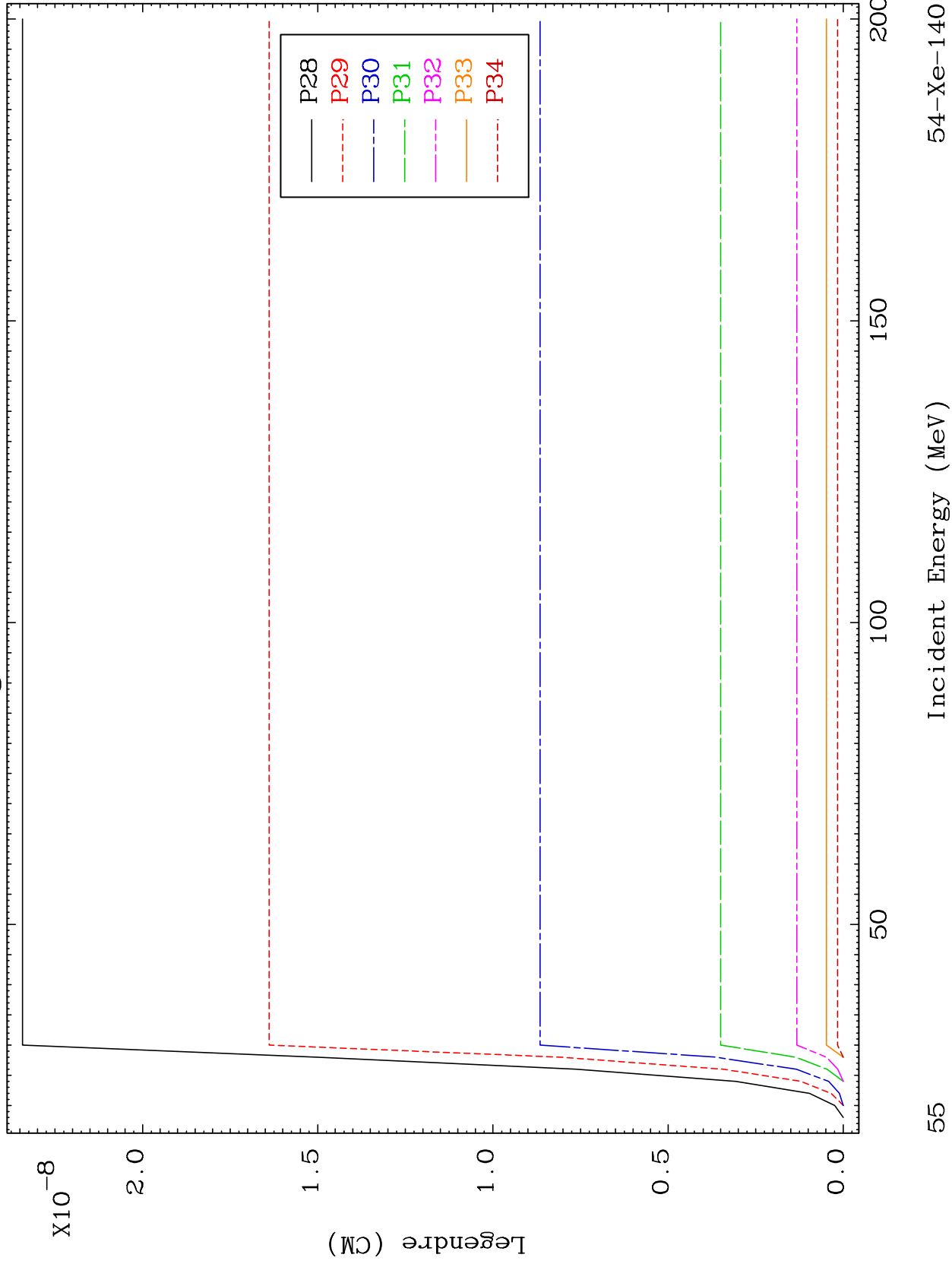
54

54-Xe-140

MAT 5473

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

54-Xe-140



55

Incident Energy (MeV)

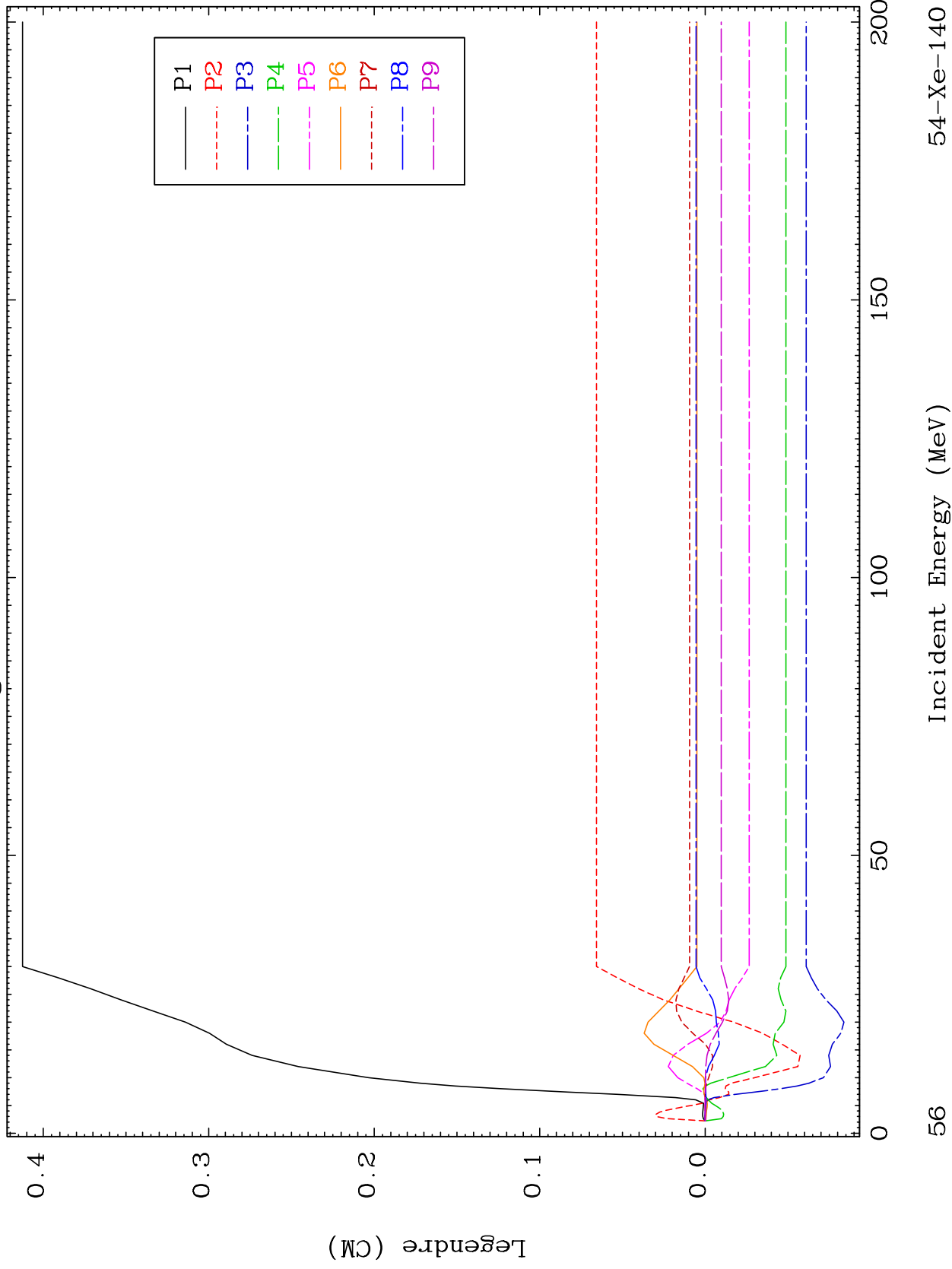
54-Xe-140



MAT 5473

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

54-Xe-140



54-Xe-140

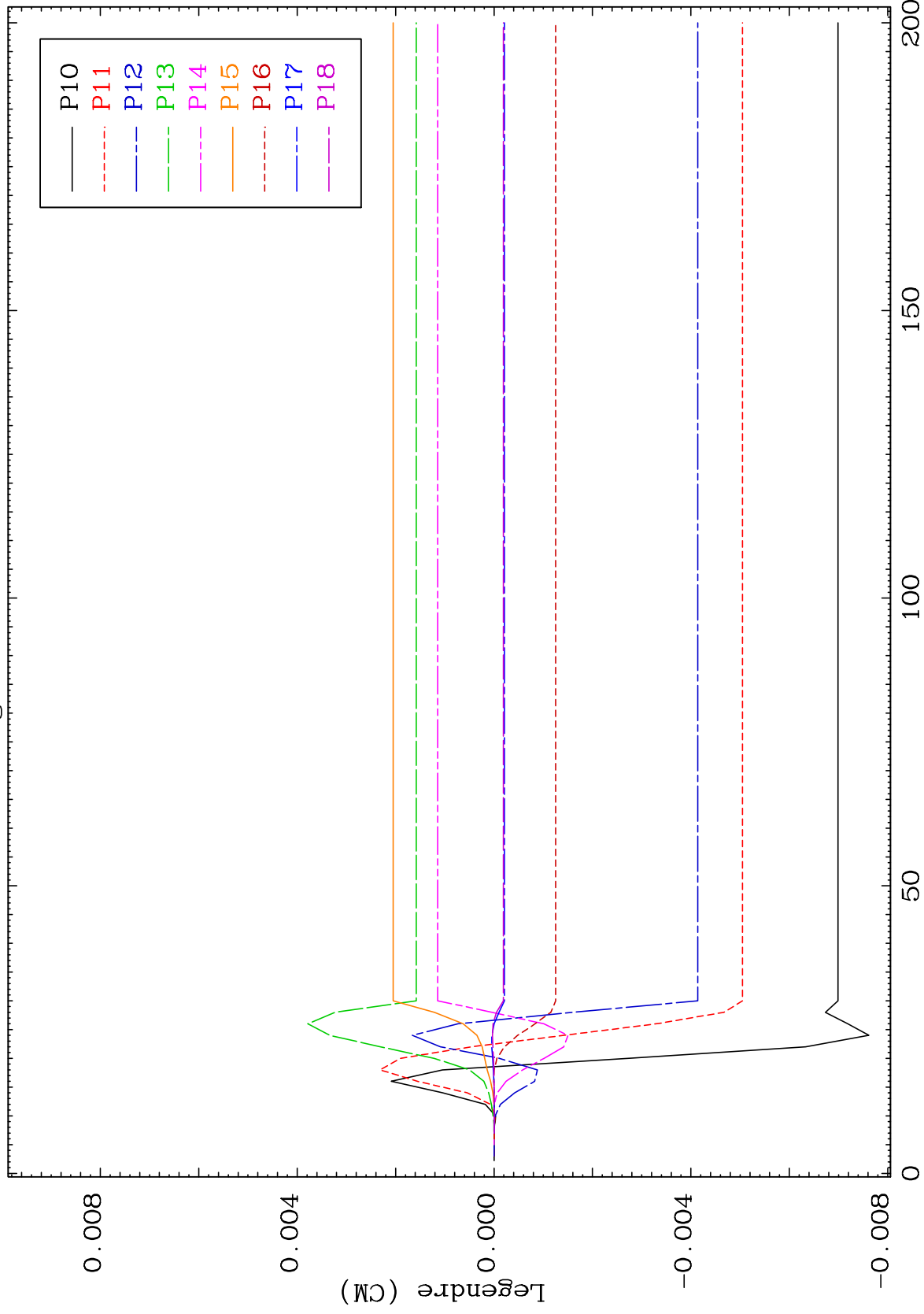
Incident Energy (MeV)

56

MAT 5473

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

54-Xe-140



57

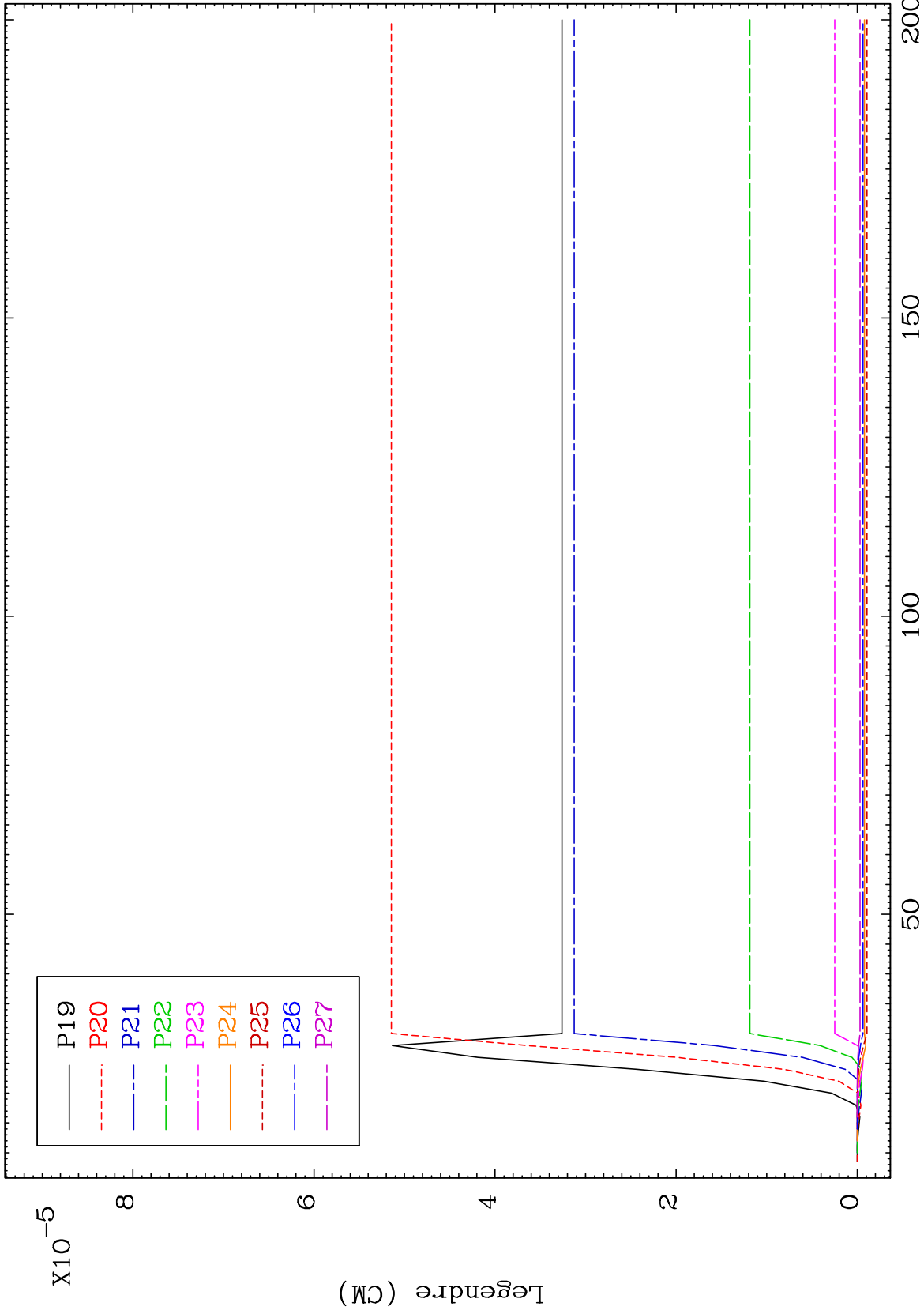
Incident Energy (MeV)

54-Xe-140

MAT 5473

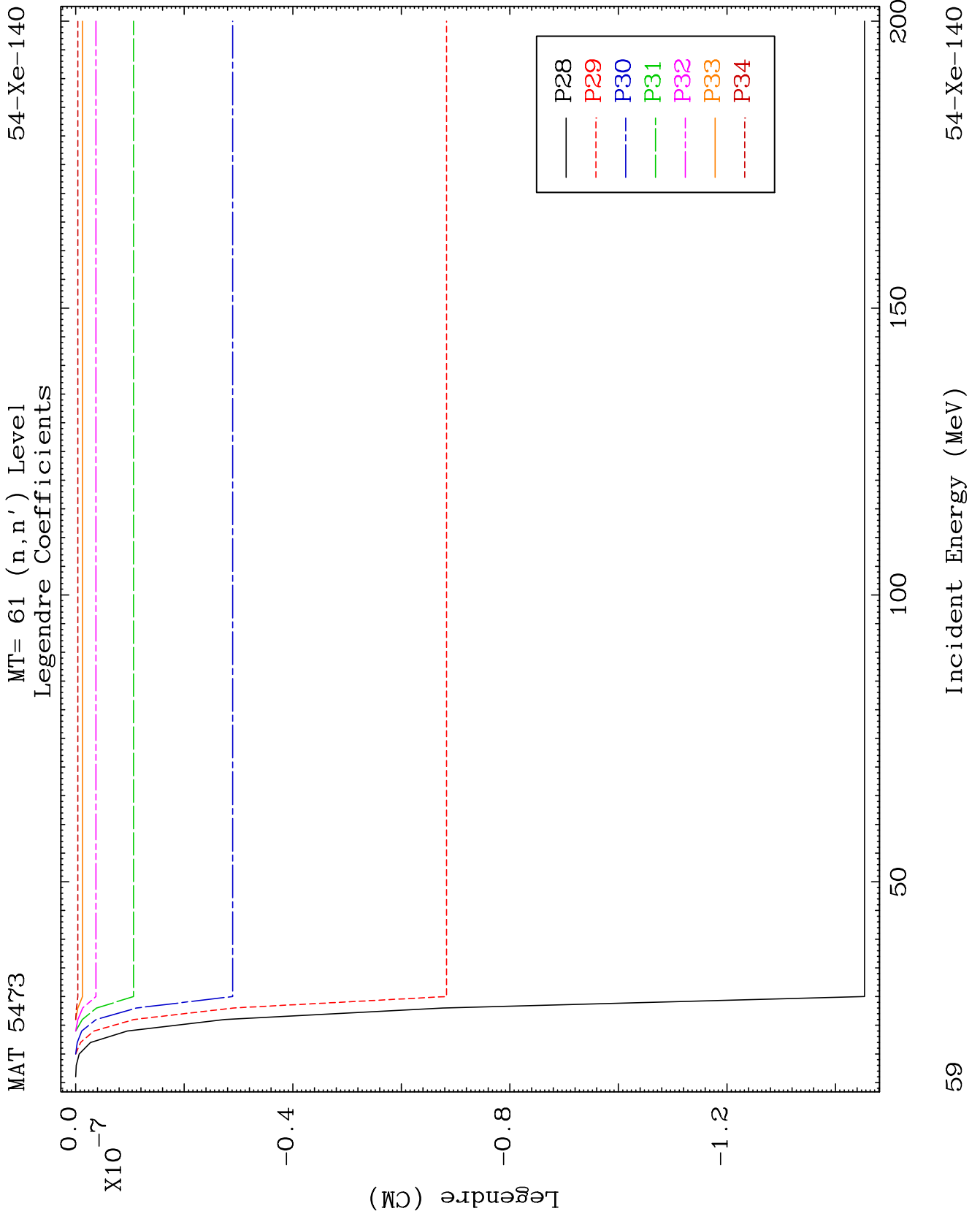
MT= 61 (n,n') Level  
Legendre Coefficients

54-Xe-140



58

54-Xe-140

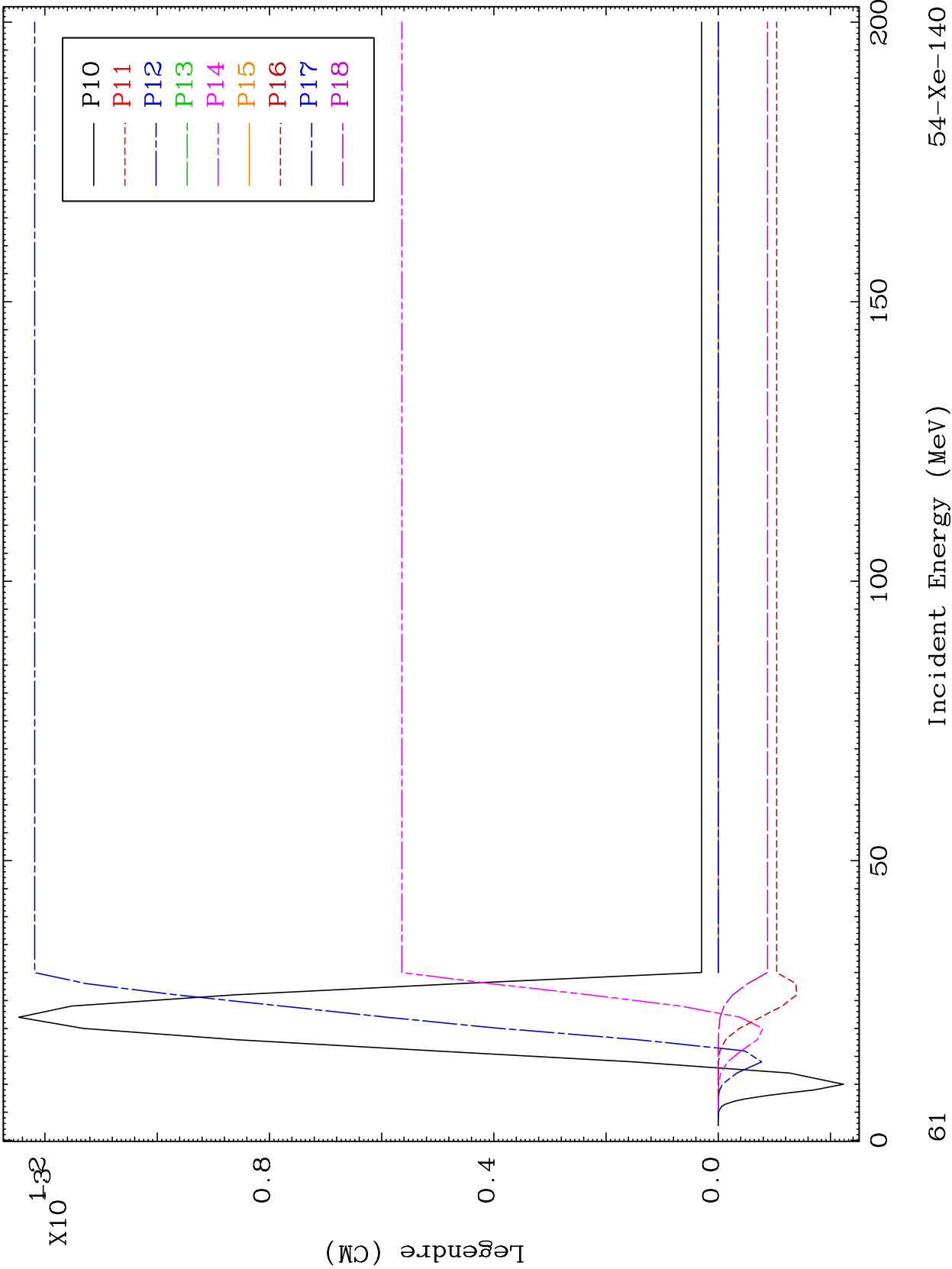




MAT 5473

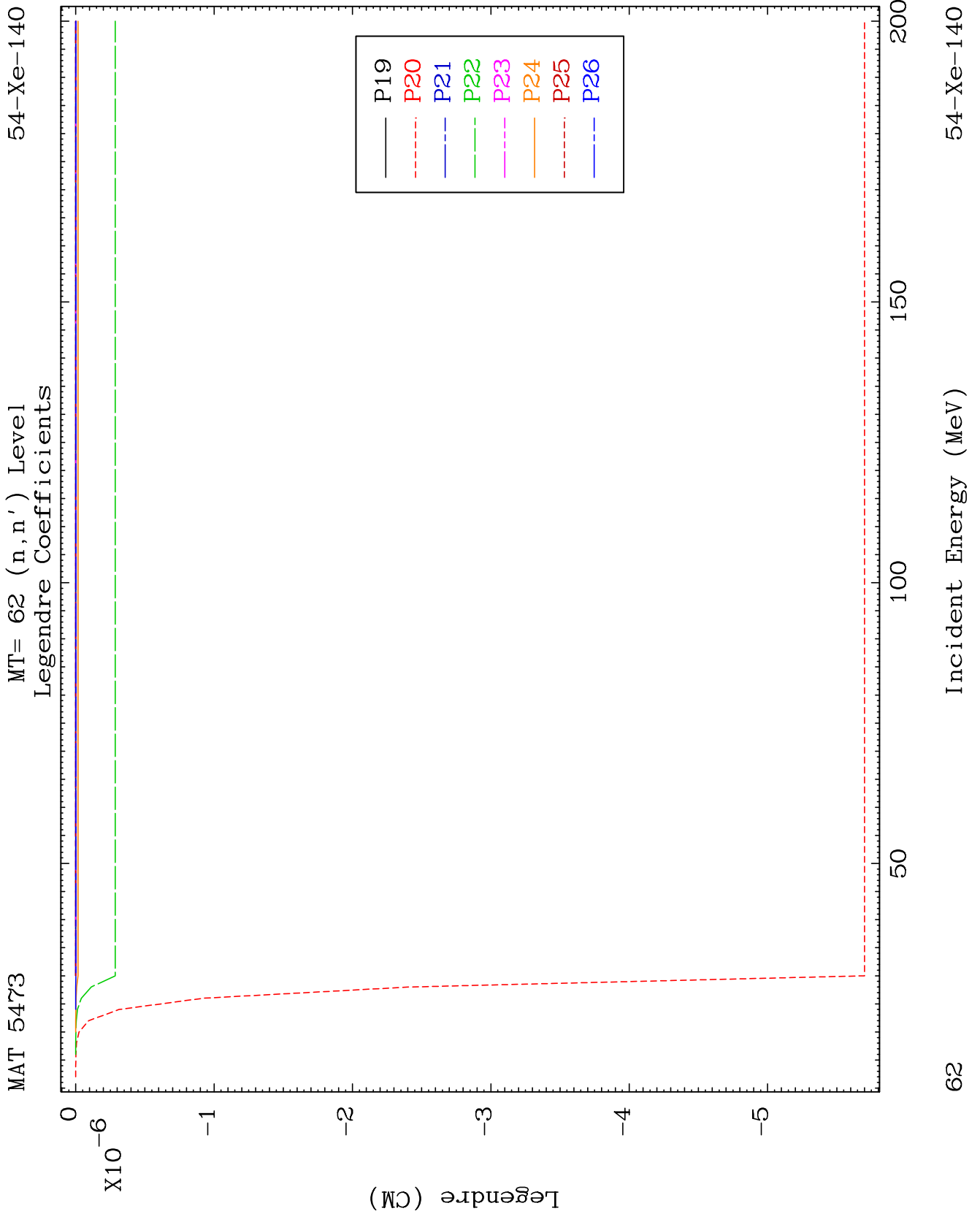
MT= 62 (n,n') Level  
Legendre Coefficients

54-Xe-140



61

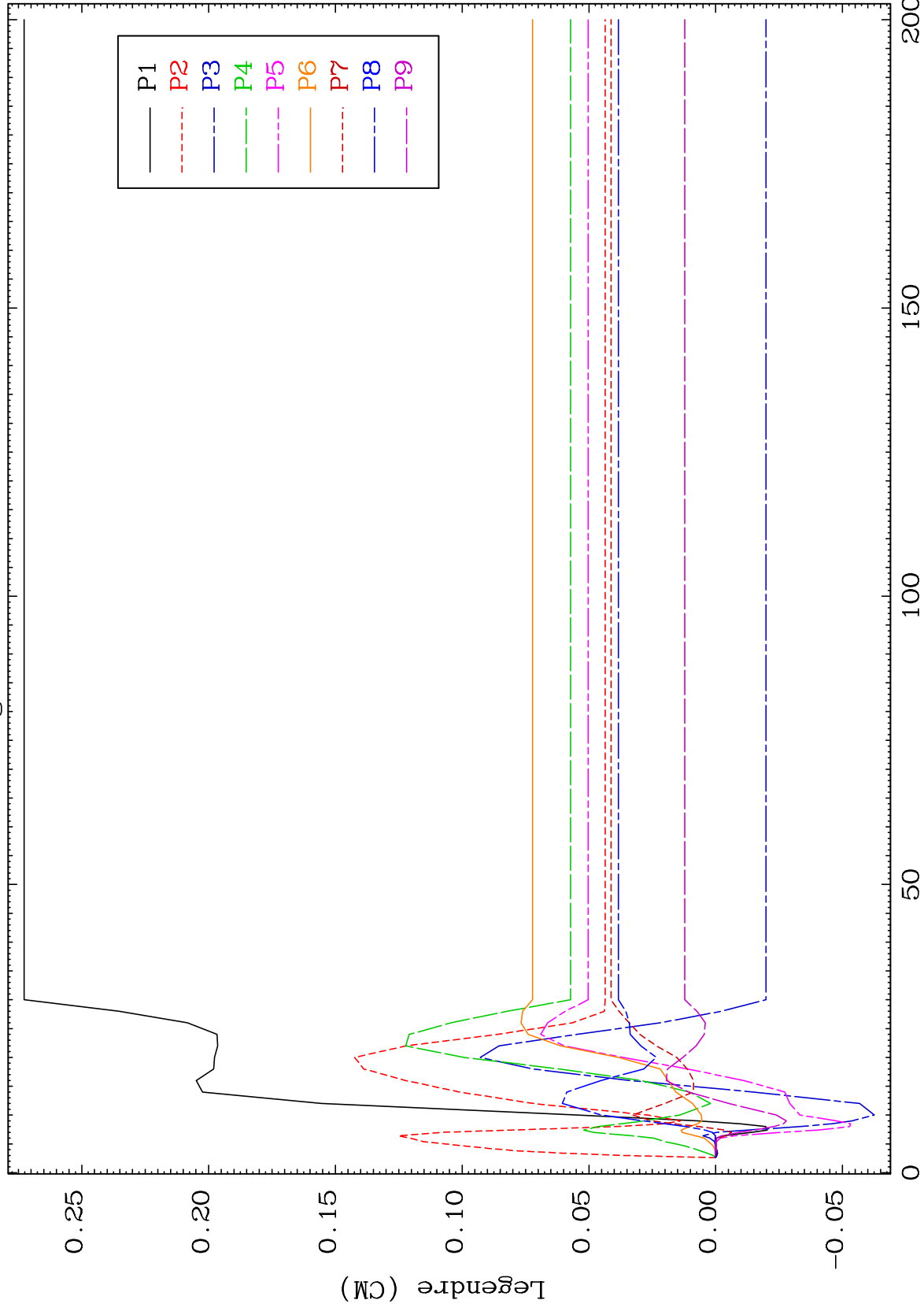
54-Xe-140



MAT 5473

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

54-Xe-140



63

Incident Energy (MeV)

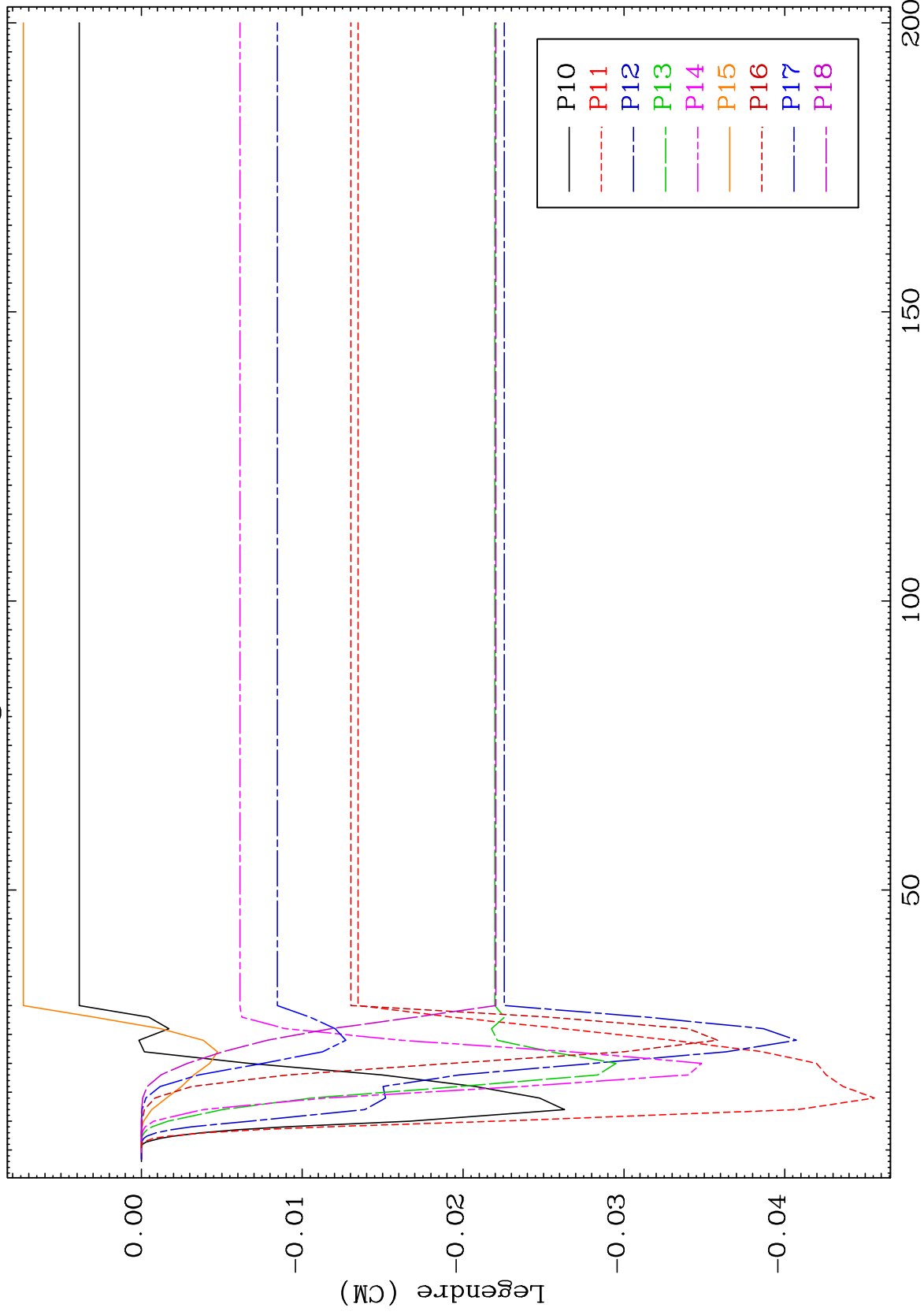
54-Xe-140



MAT 5473

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

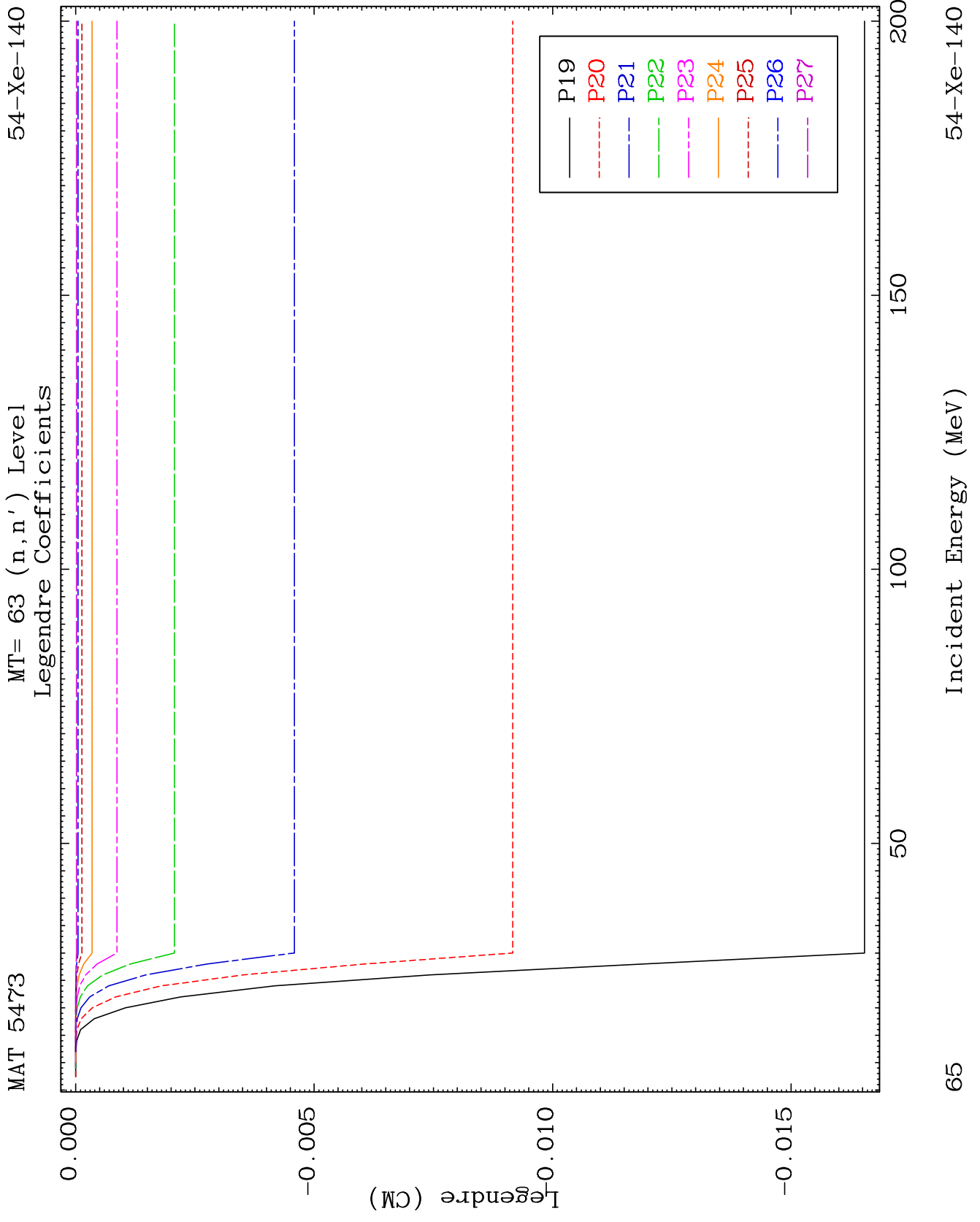
54-Xe-140

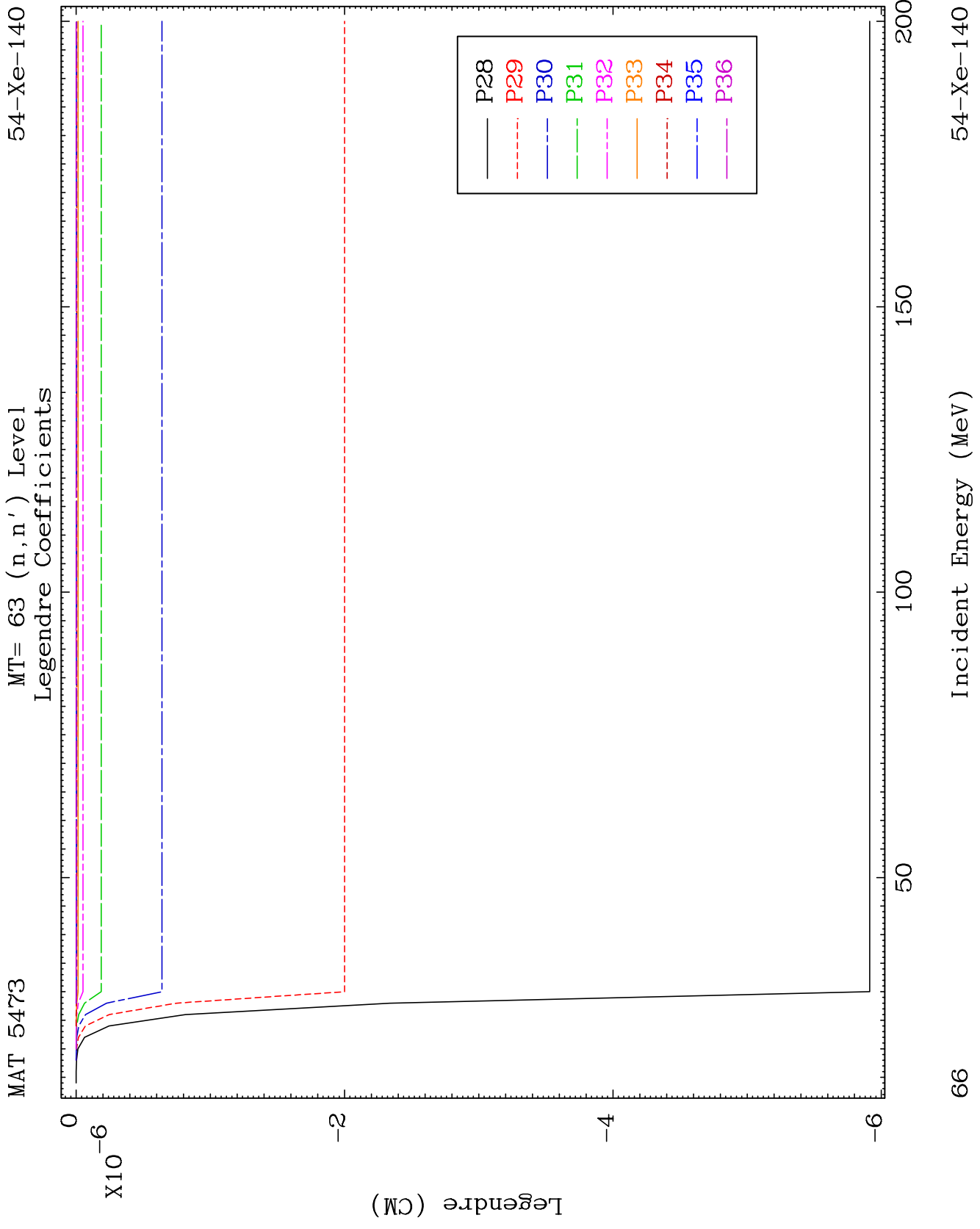


64

Incident Energy (MeV)

54-Xe-140

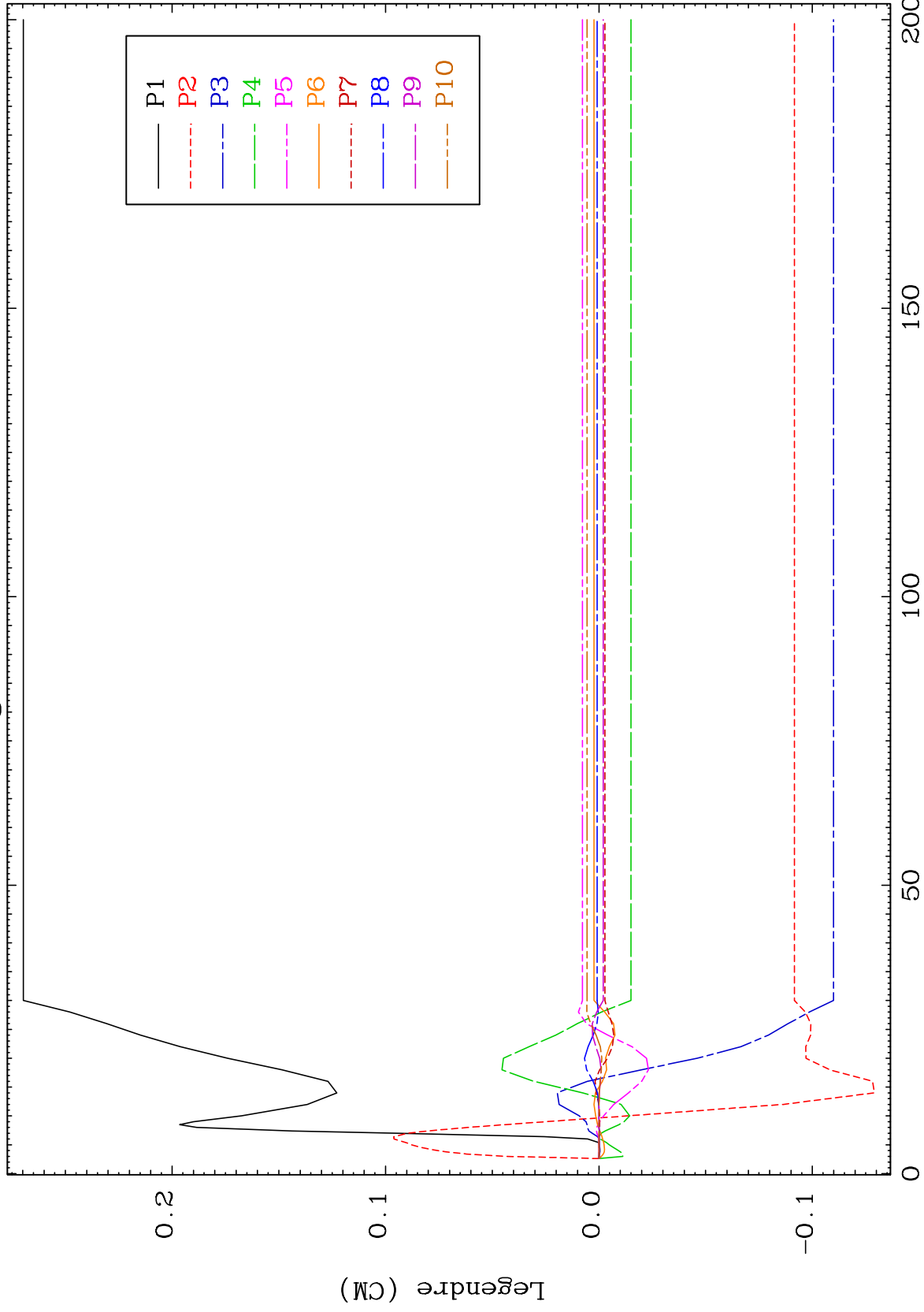




MAT 5473

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

54-Xe-140



67

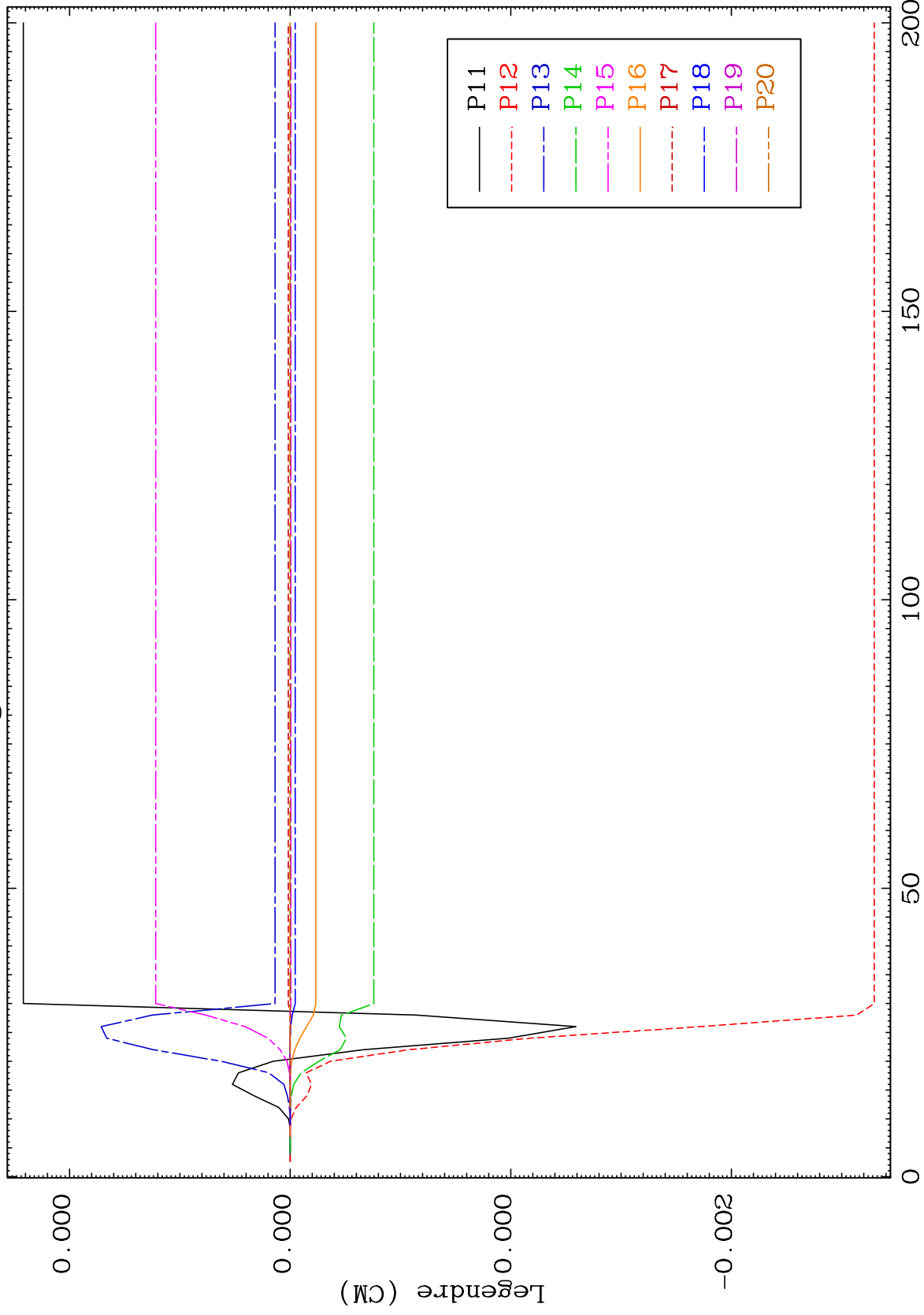
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



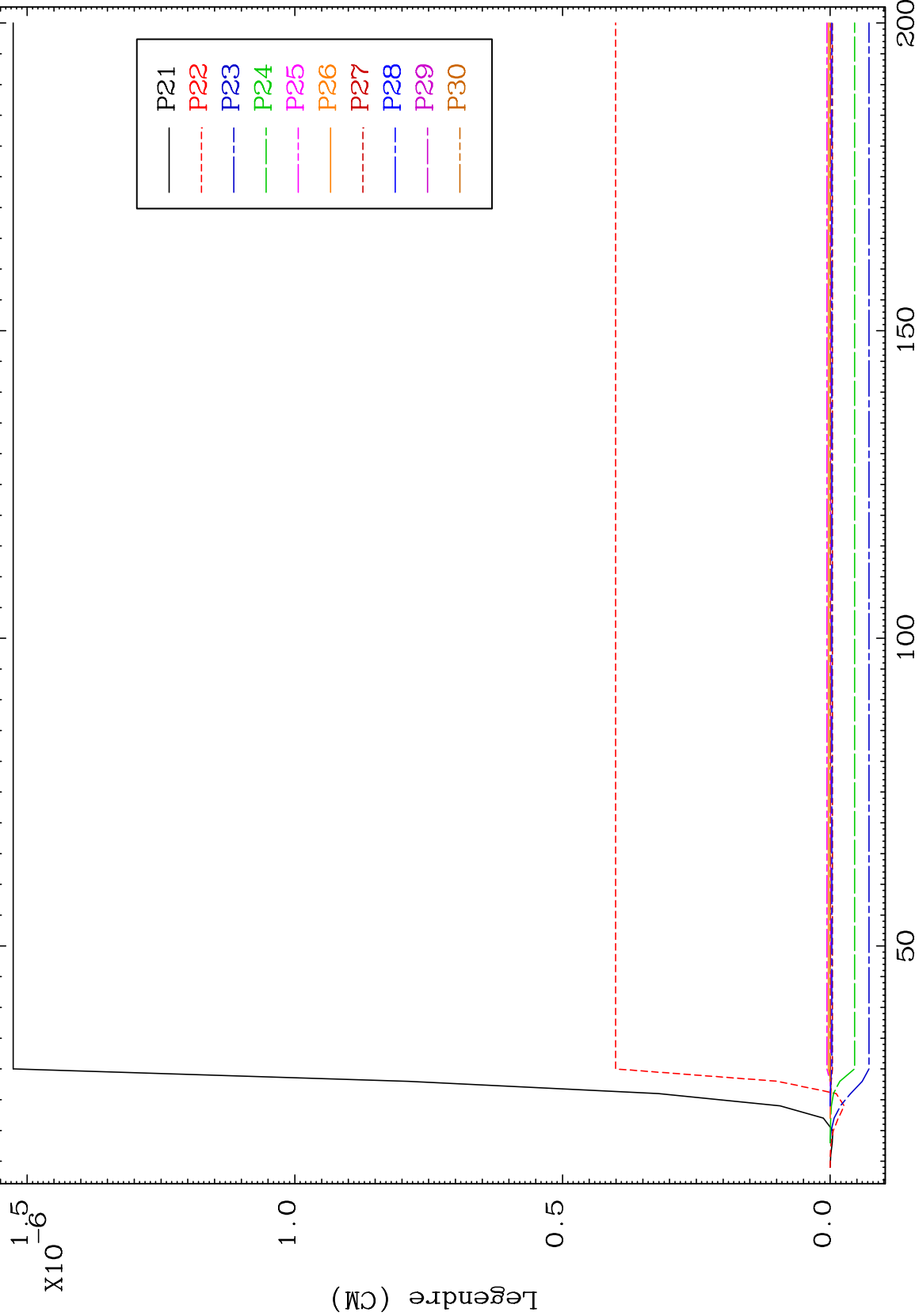
68

54-Xe-140

MAT 5473

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

54-Xe-140



69

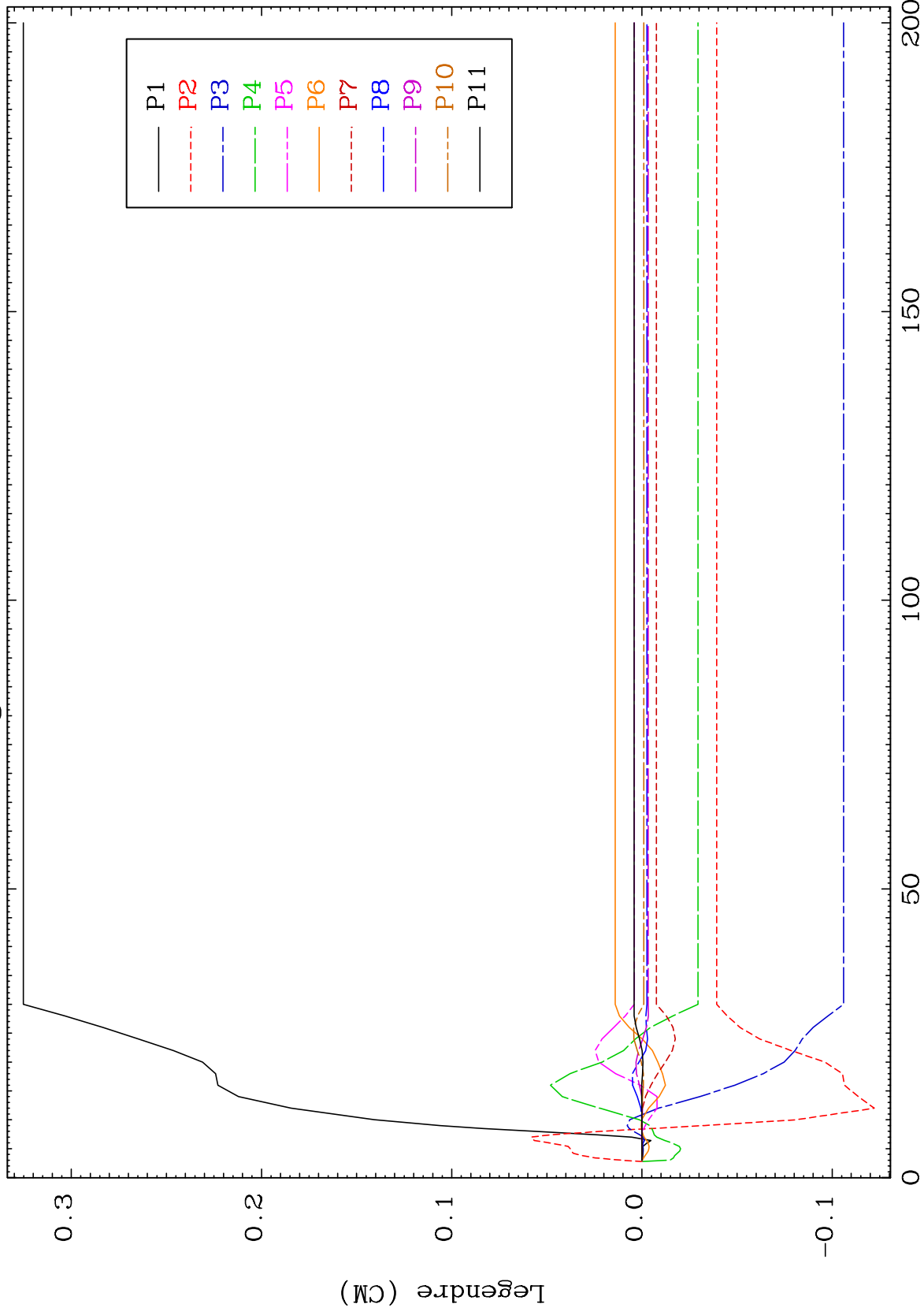
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



54-Xe-140

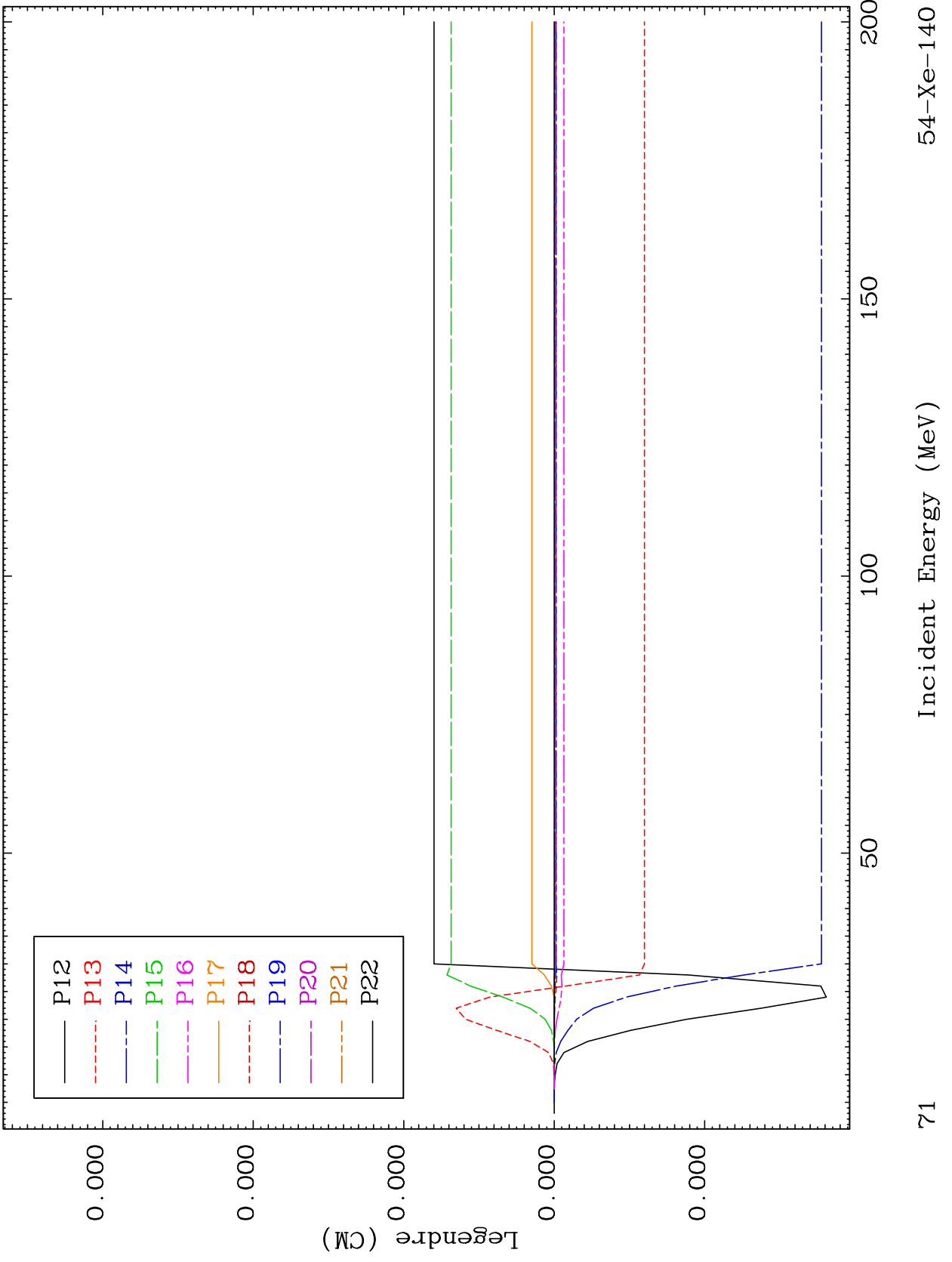
Incident Energy (MeV)

70

MAT 5473

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

54-Xe-140

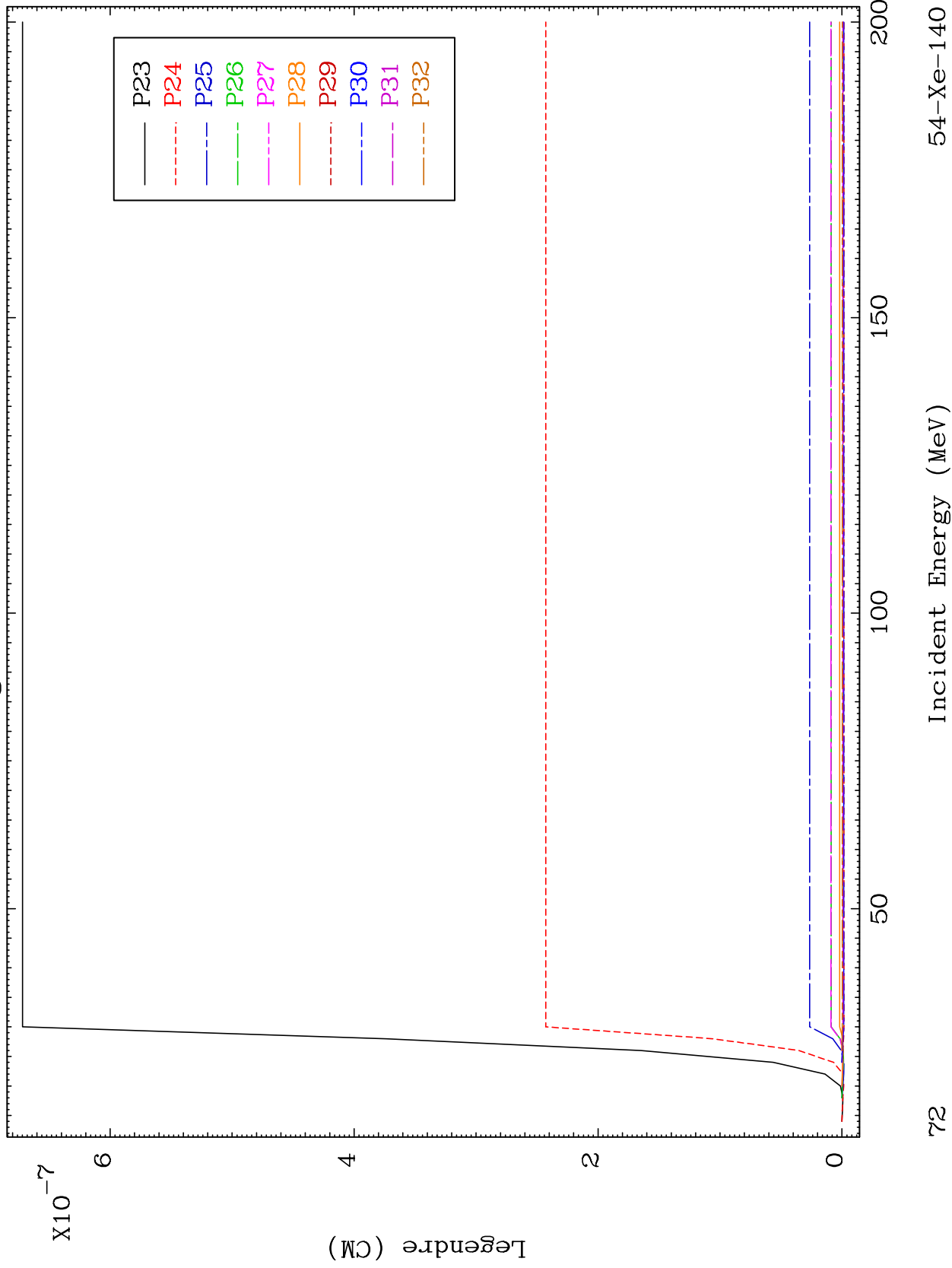




MAT 5473

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

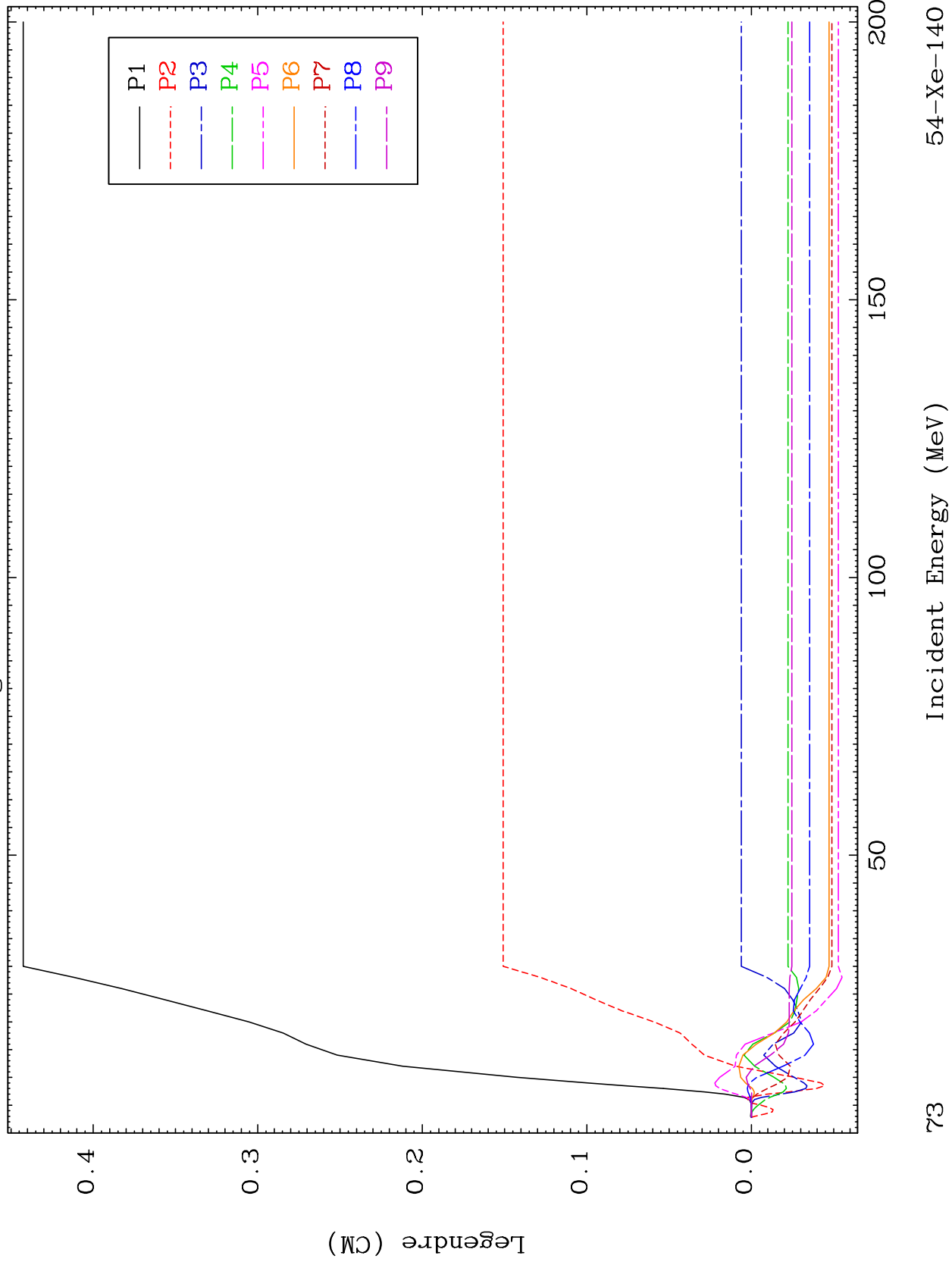
54-Xe-140



MAT 5473

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

54-Xe-140



73

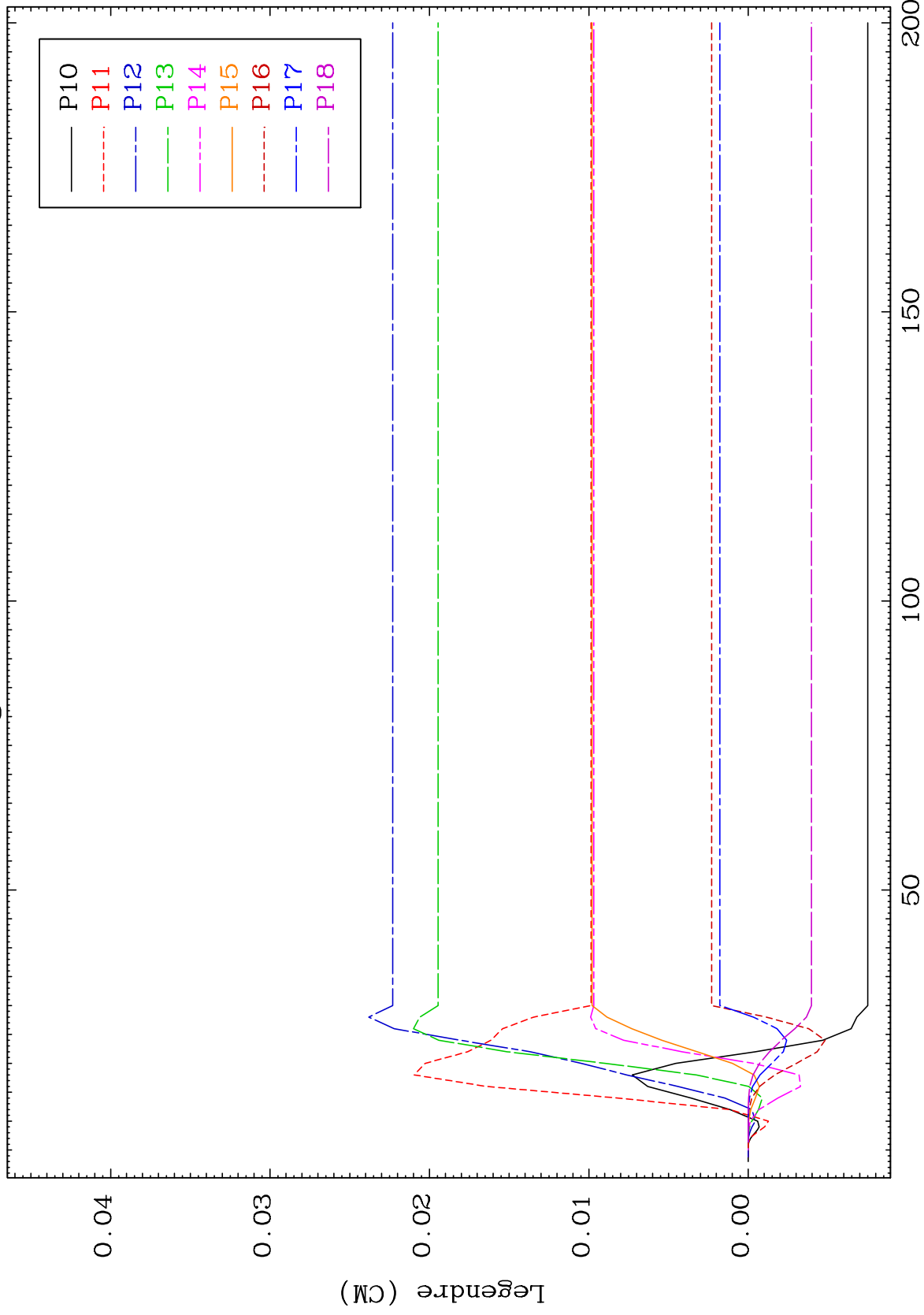
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



74

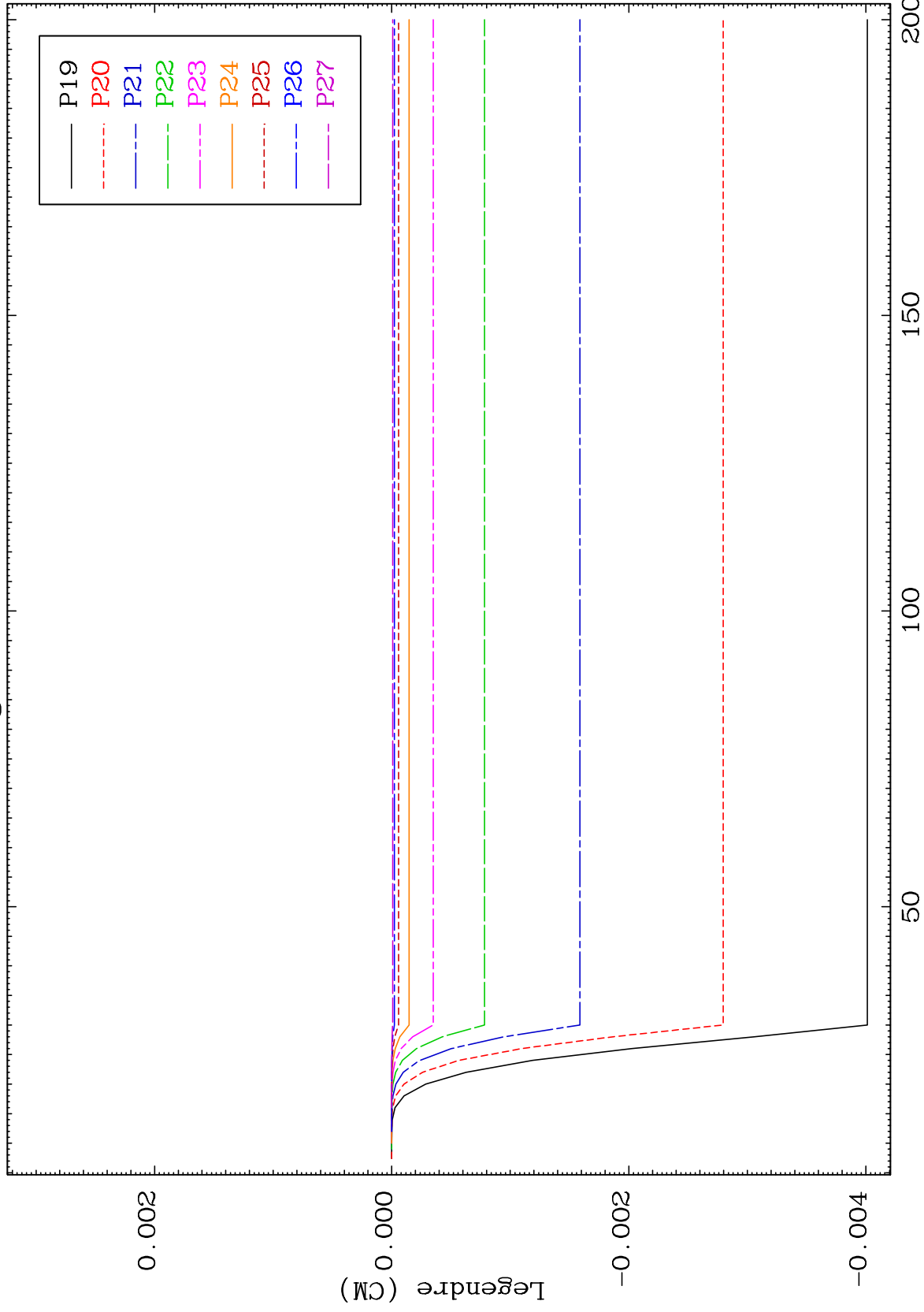
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

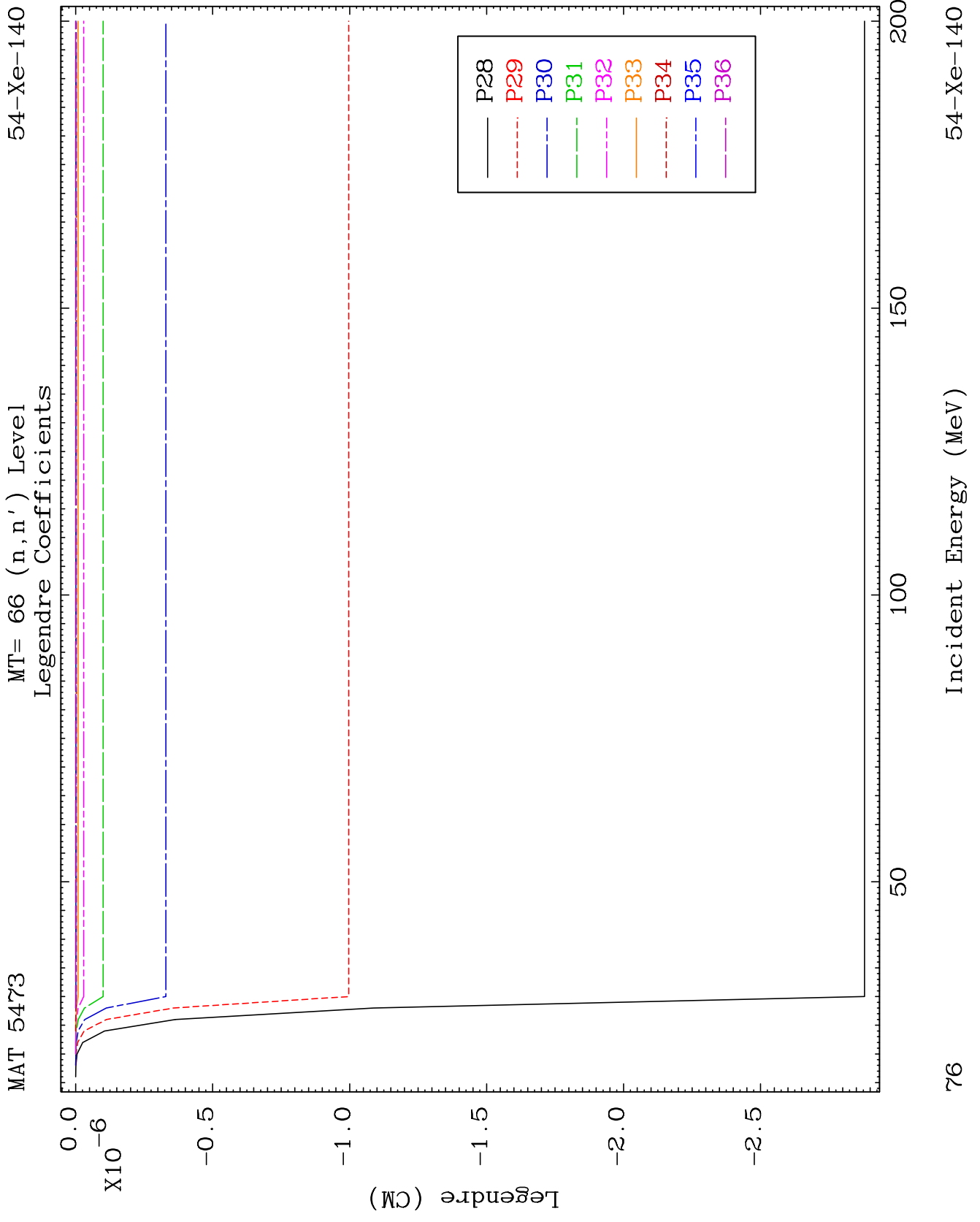
54-Xe-140



75

Incident Energy (MeV)

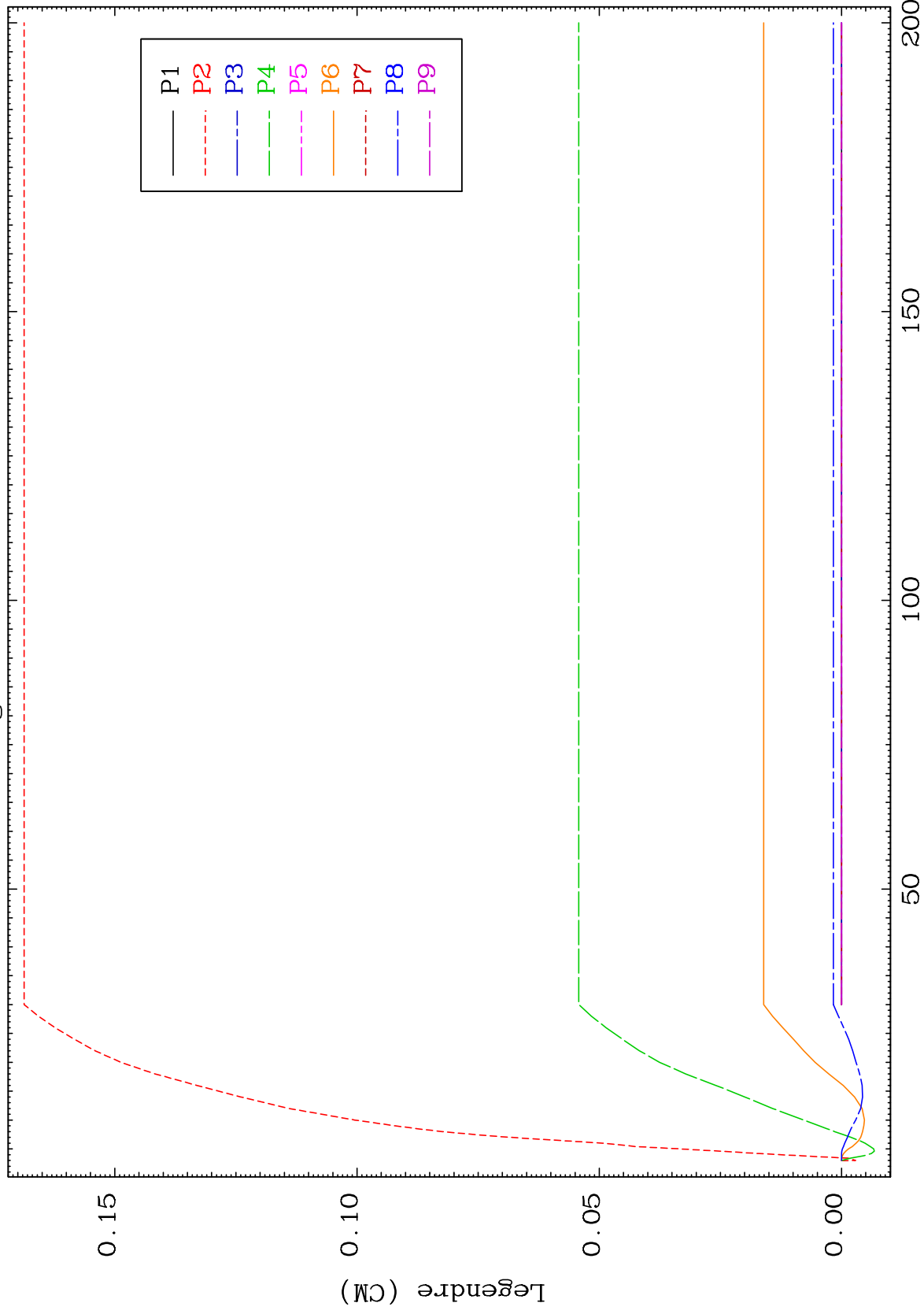
54-Xe-140



MAT 5473

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

54-Xe-140



77

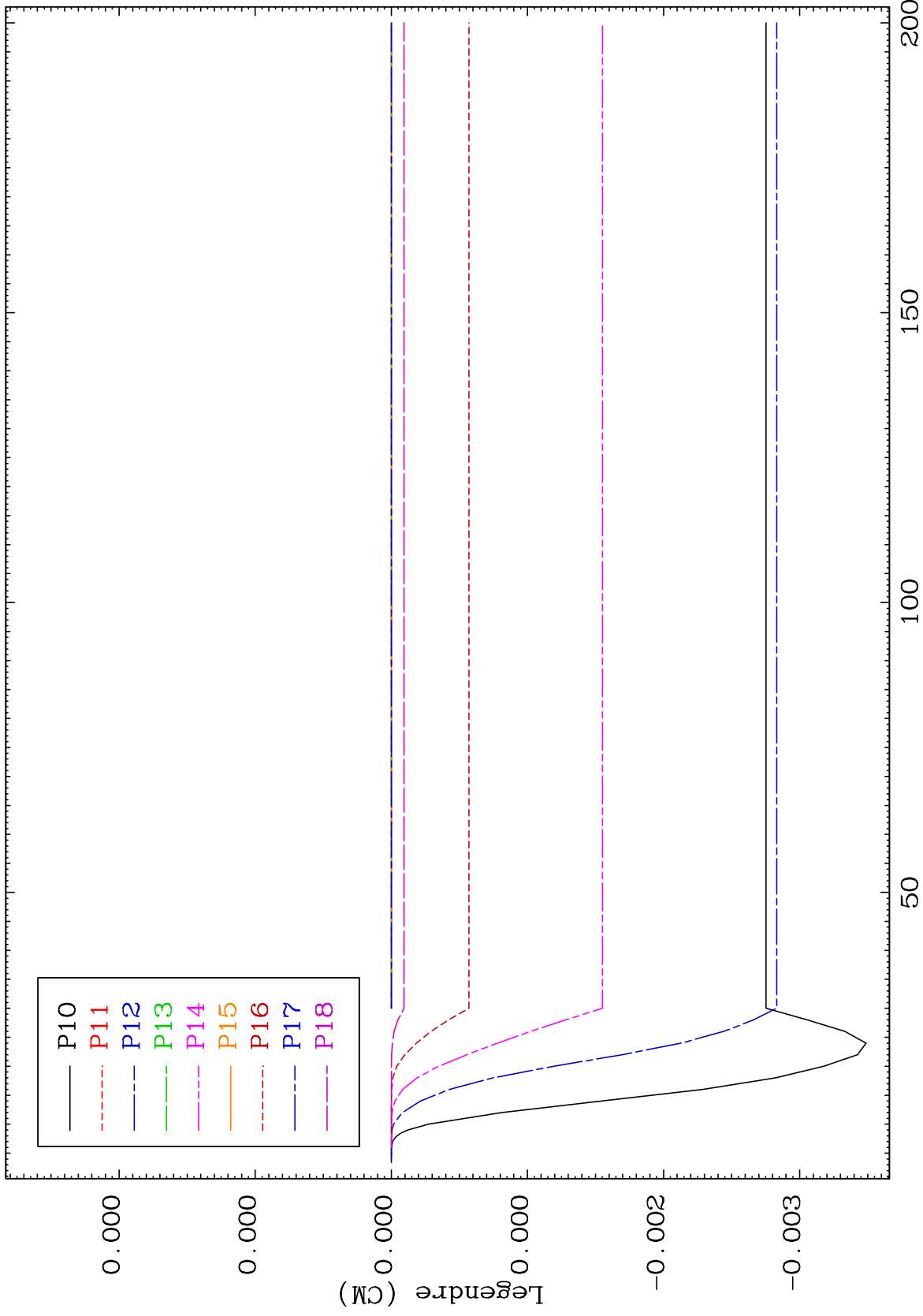
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

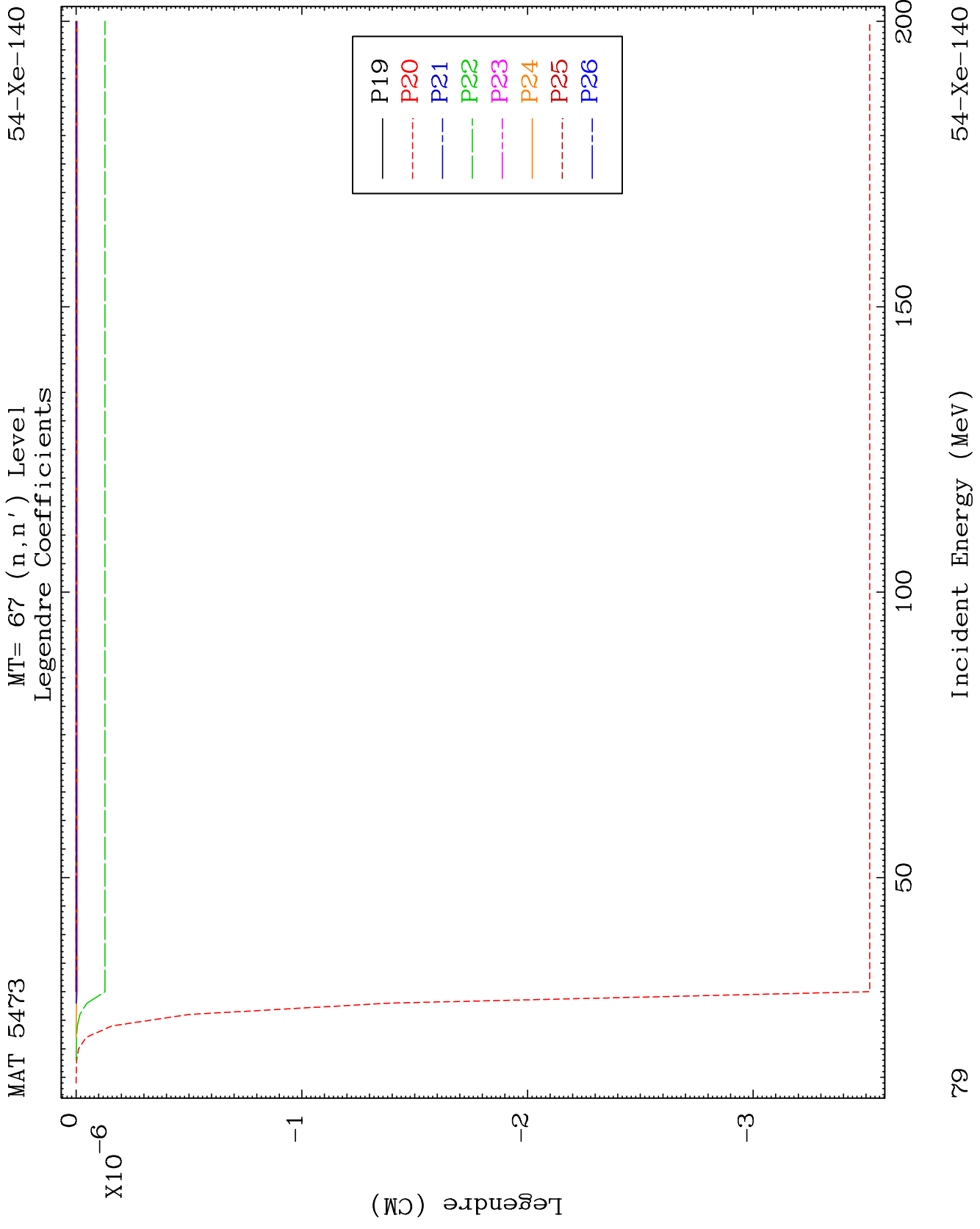
54-Xe-140



78

Incident Energy (MeV)

54-Xe-140

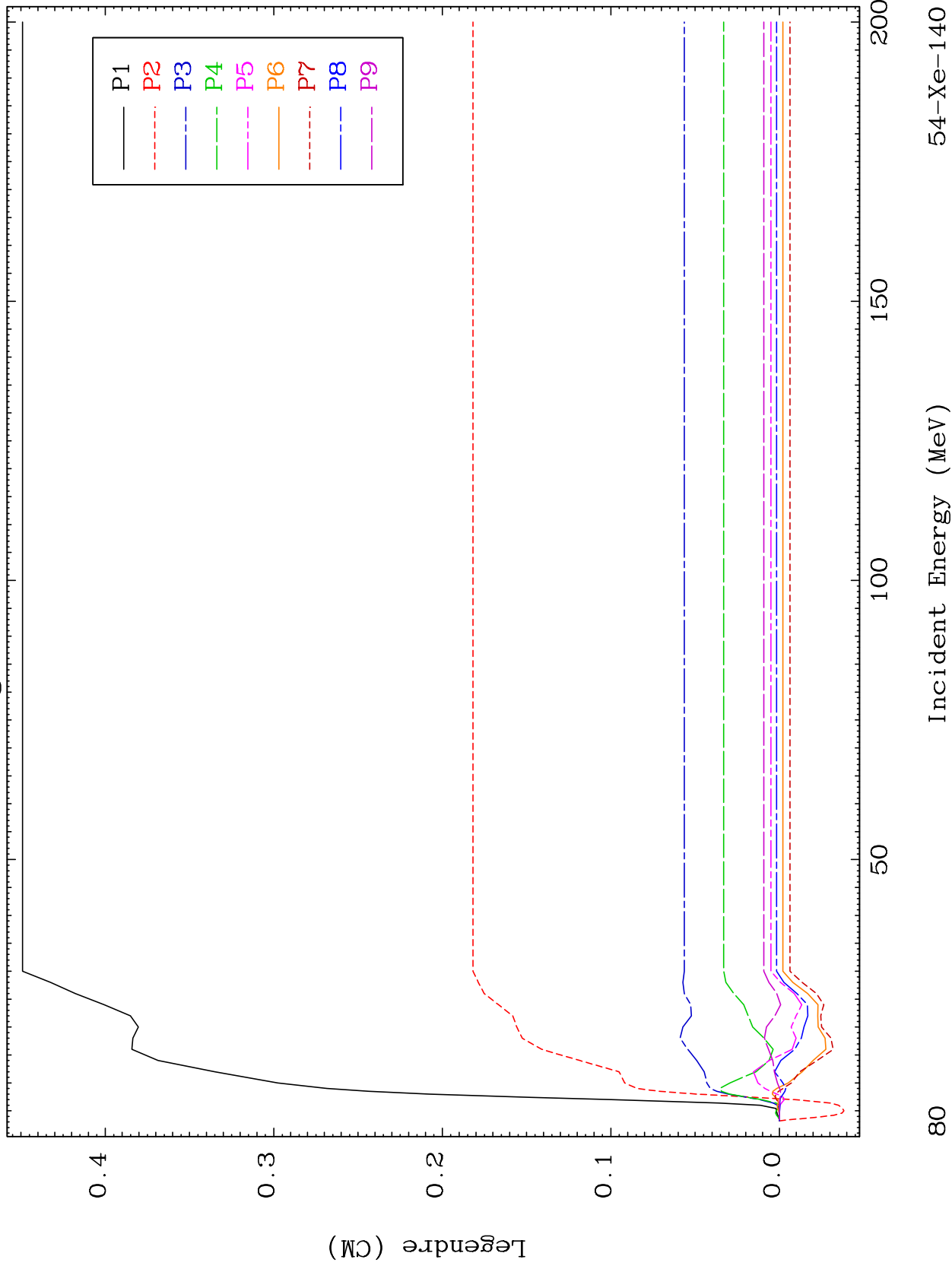




MAT 5473

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

54-Xe-140

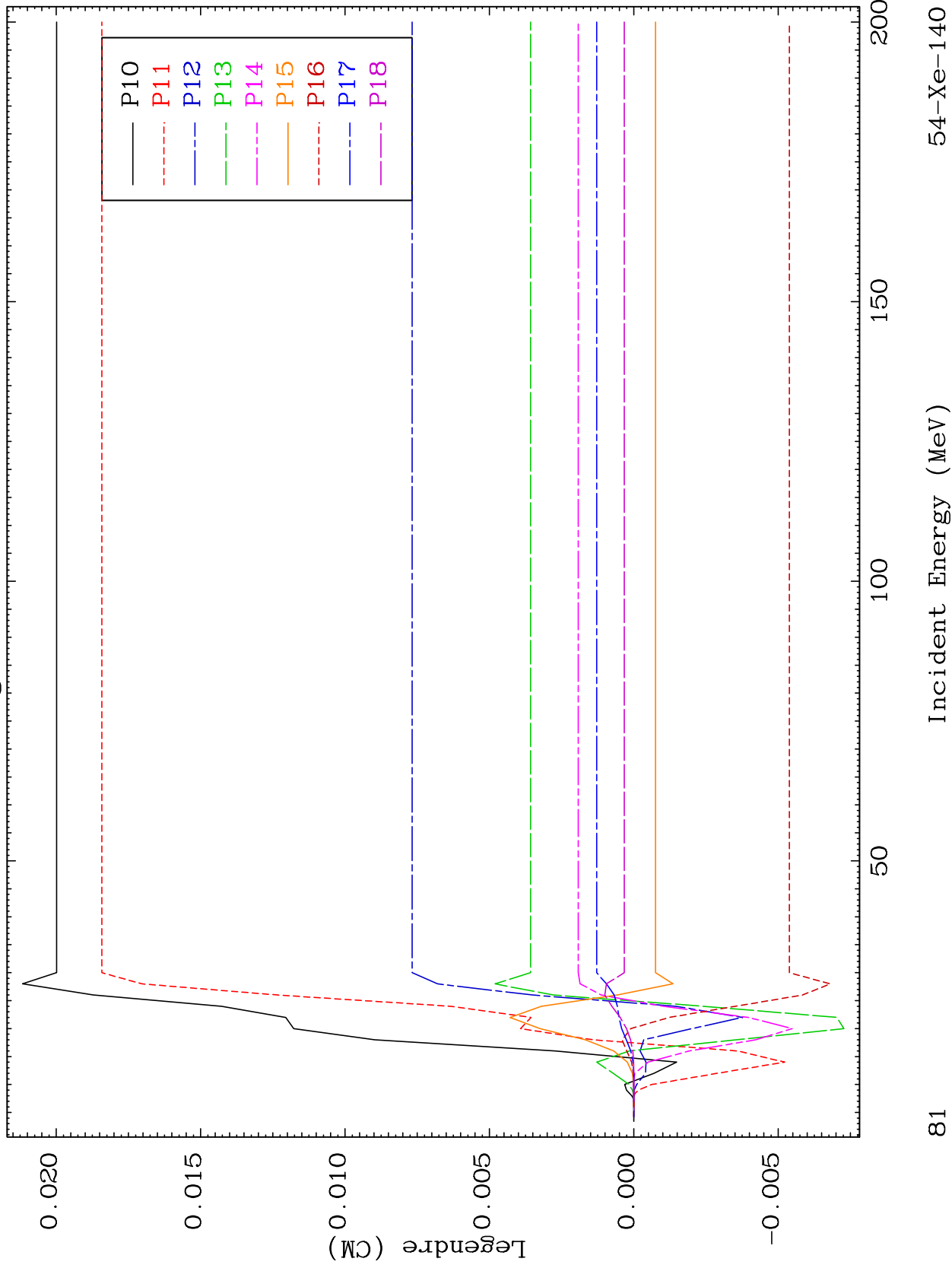


54-Xe-140

MAT 5473

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

54-Xe-140



81

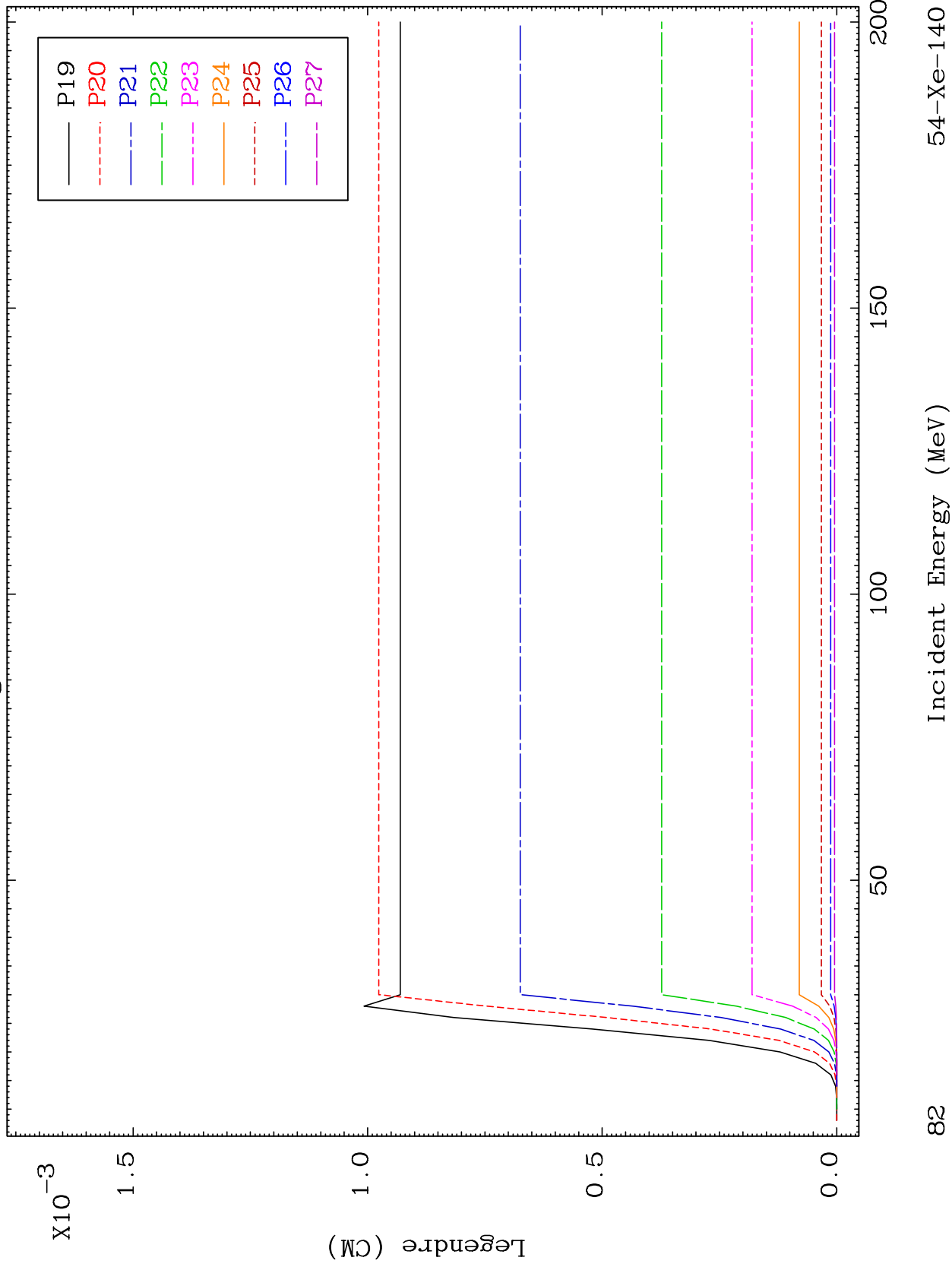
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



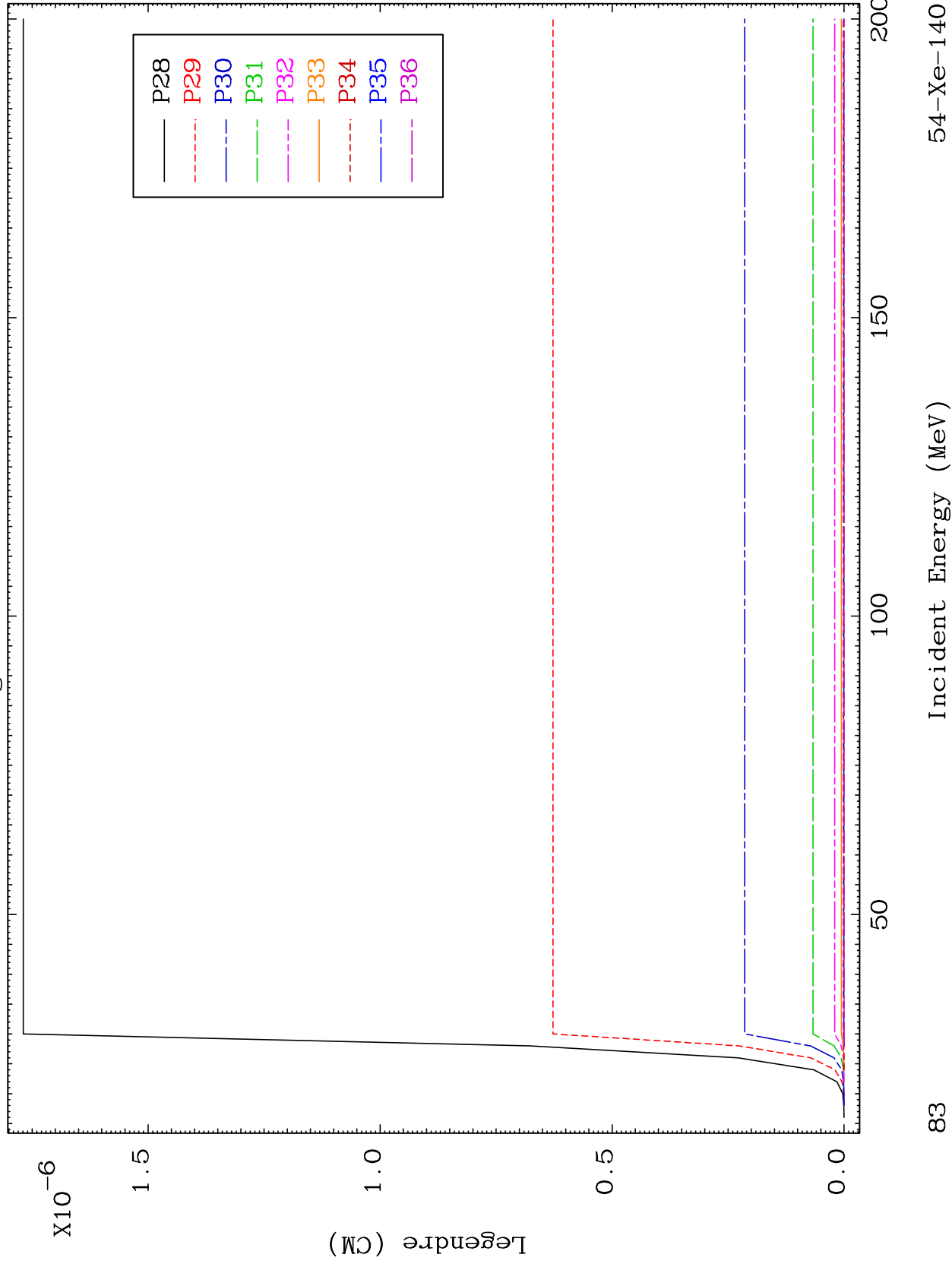
82

54-Xe-140

MAT 5473

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

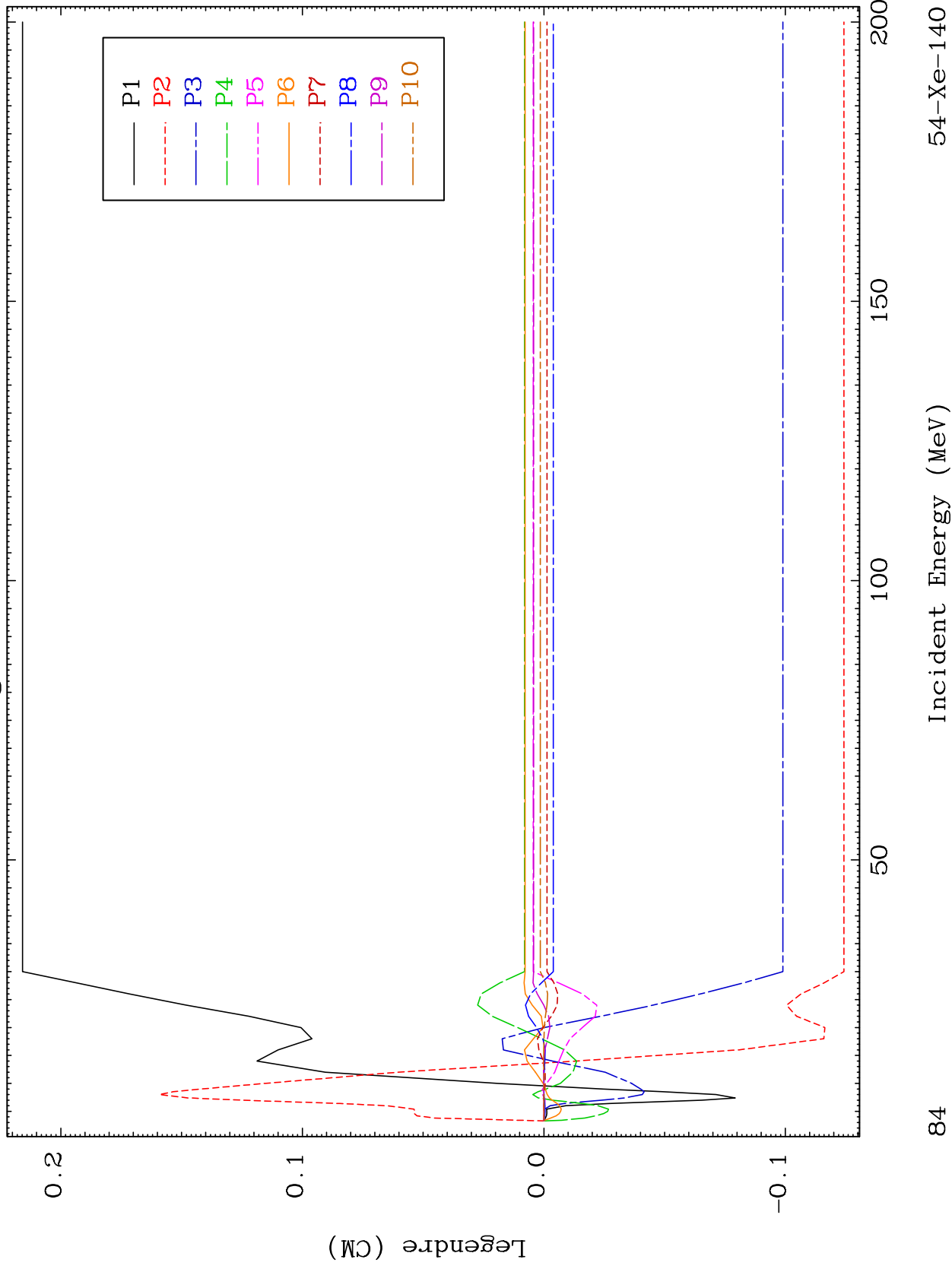
54-Xe-140



MAT 5473

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

54-Xe-140



84

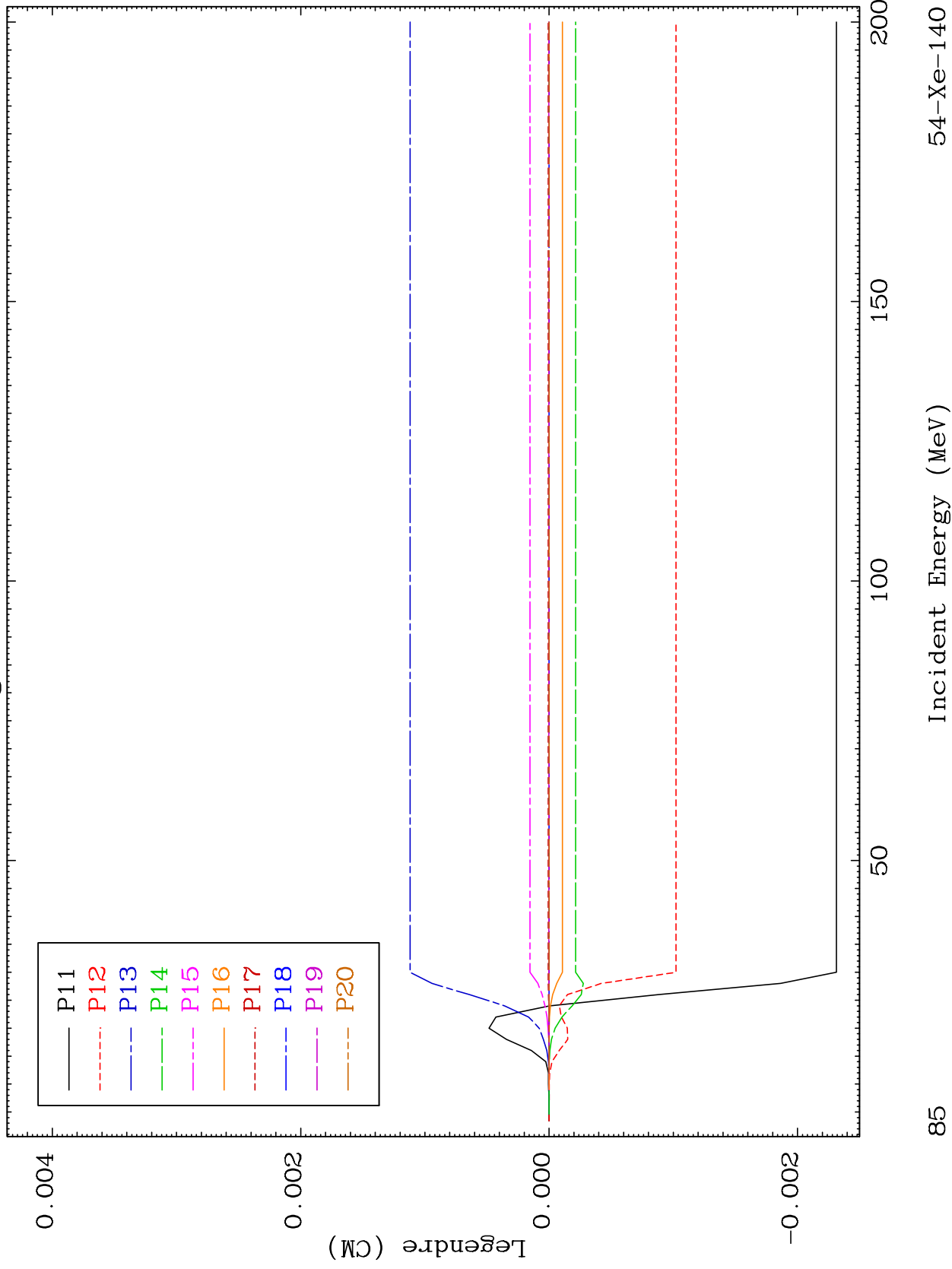
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



85

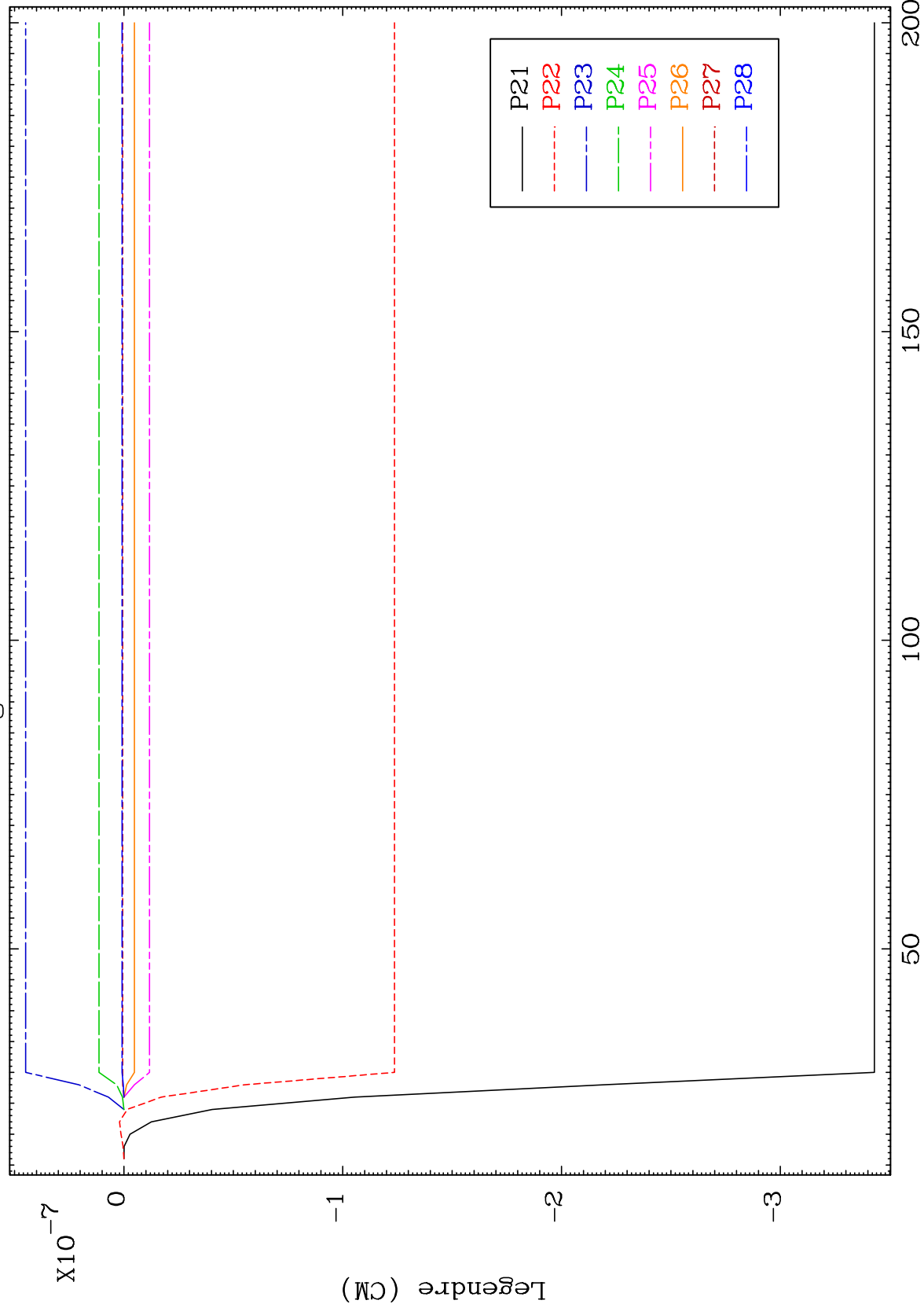
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

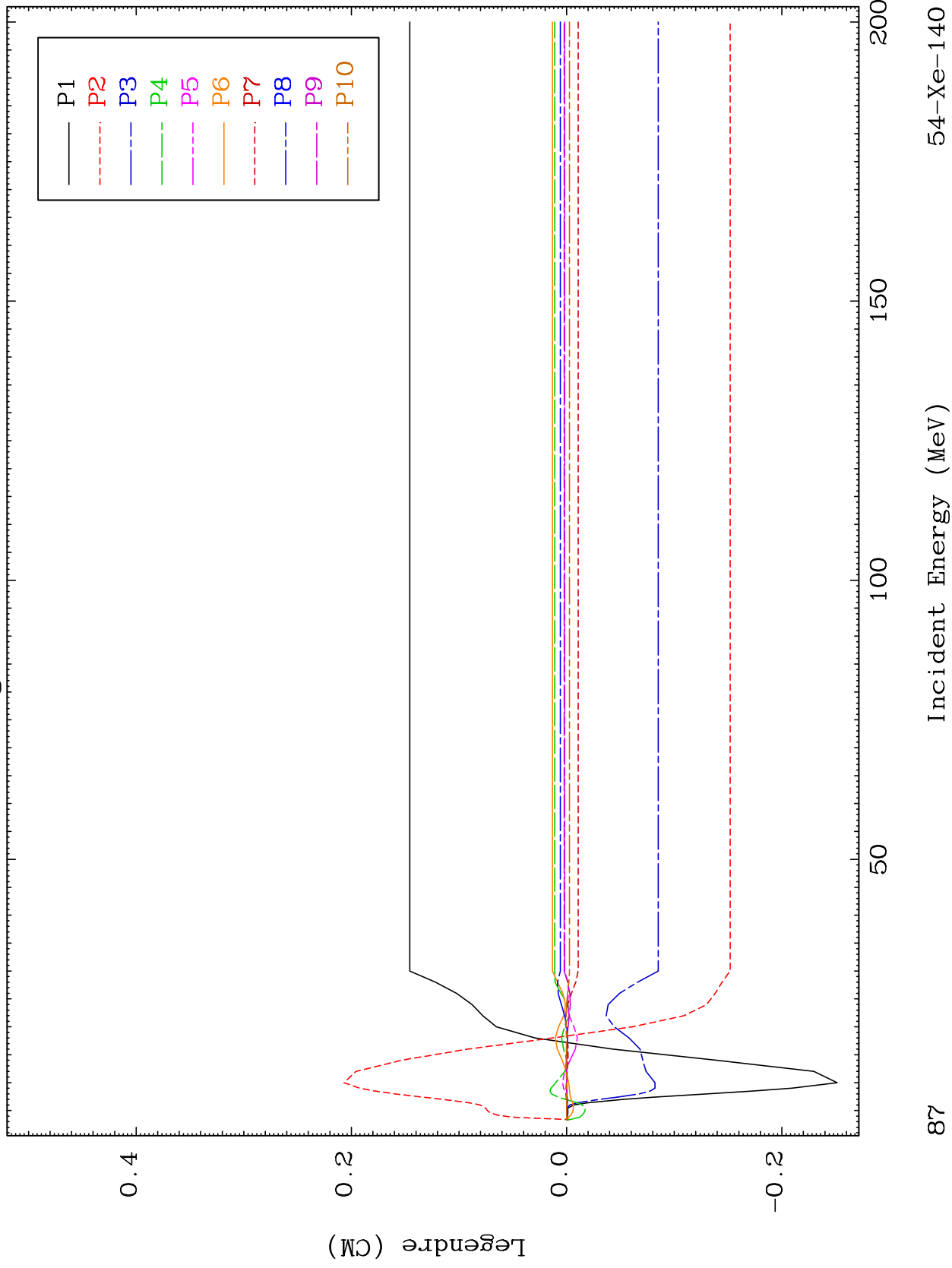
54-Xe-140



MAT 5473

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

54-Xe-140



87

Incident Energy (MeV)

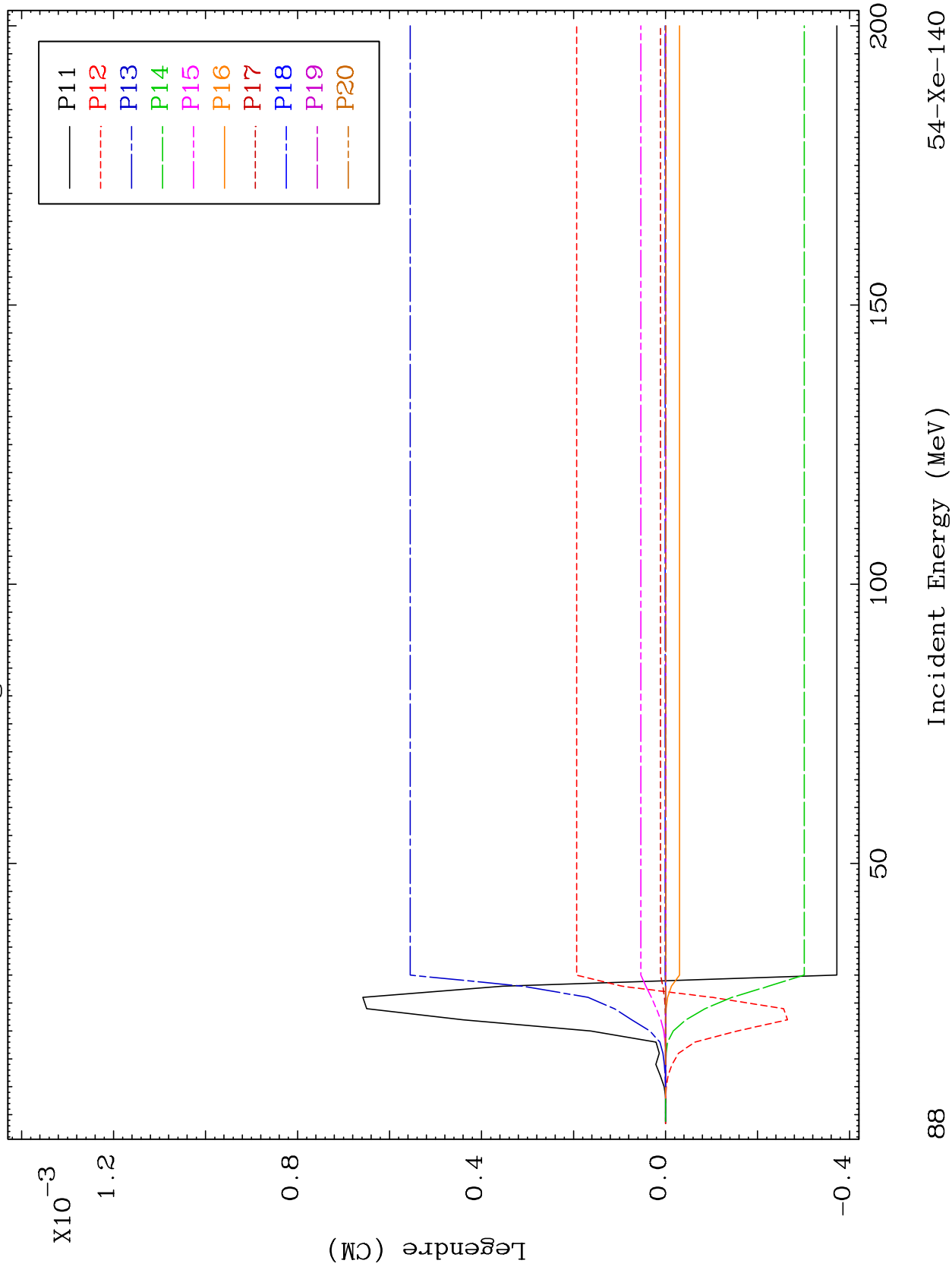
54-Xe-140



MAT 5473

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

54-Xe-140



88

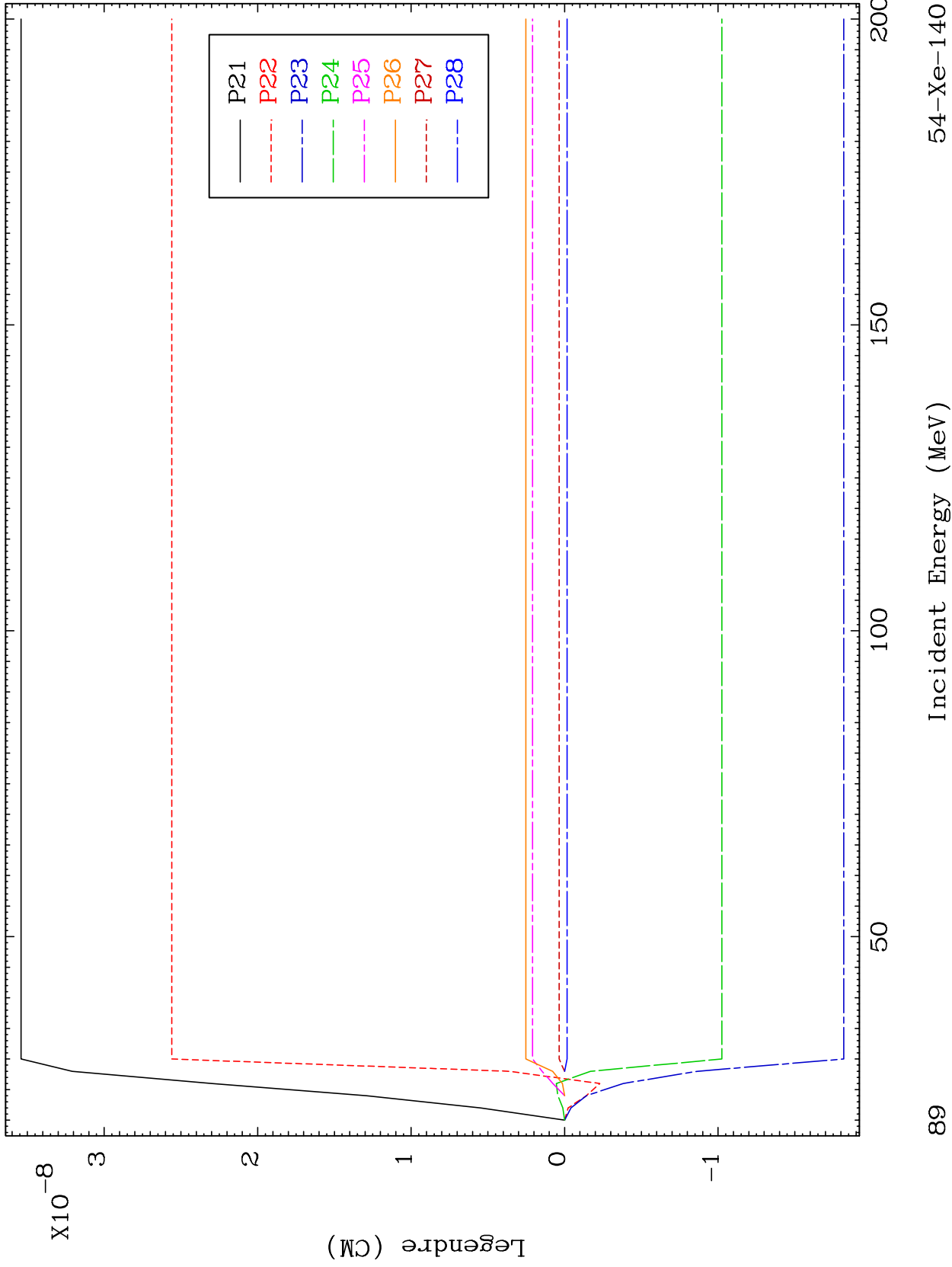
Incident Energy (MeV)

54-Xe-140

MAT 5473

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

54-Xe-140



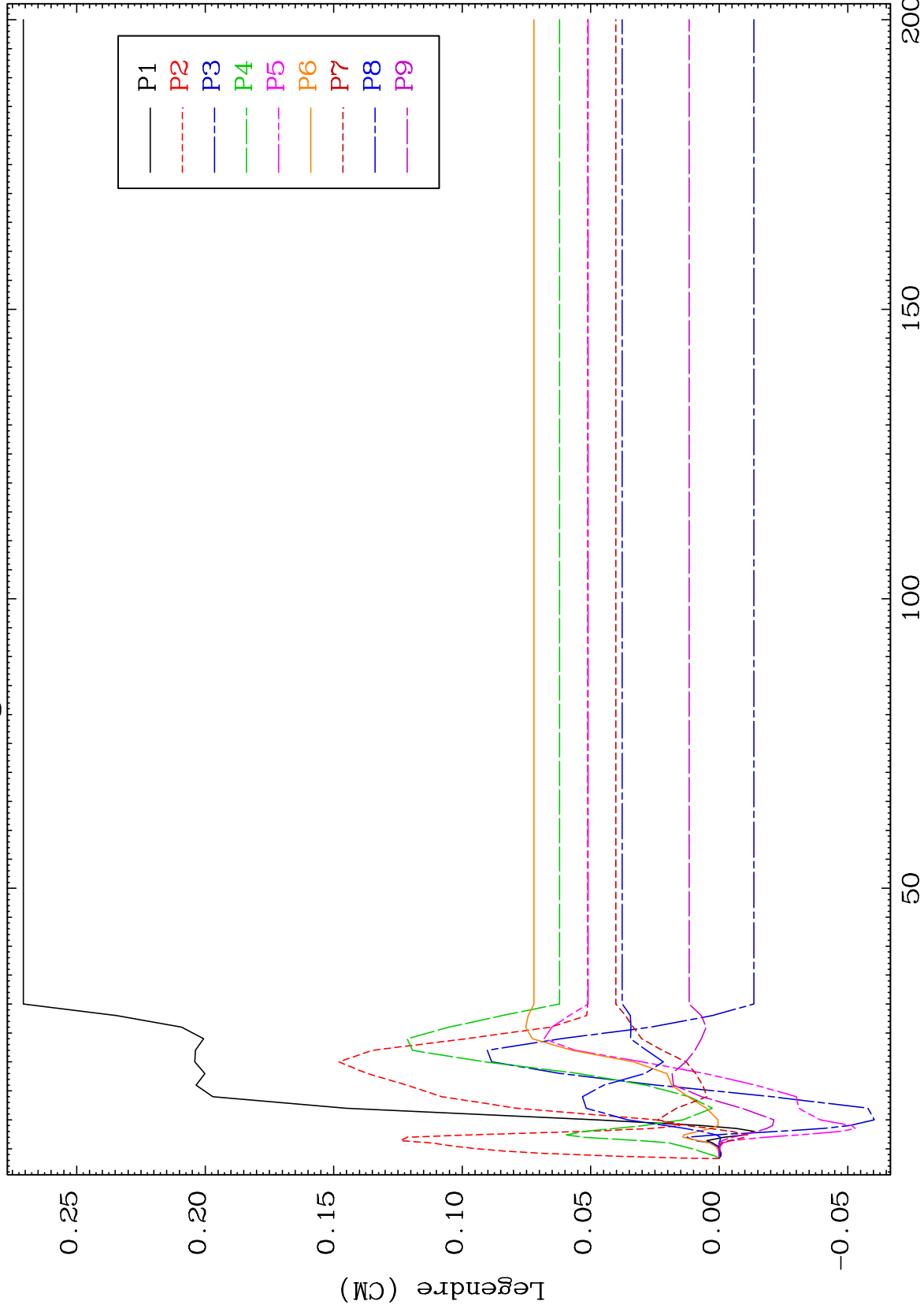
89

54-Xe-140

MAT 5473

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

54-Xe-140



54-Xe-140

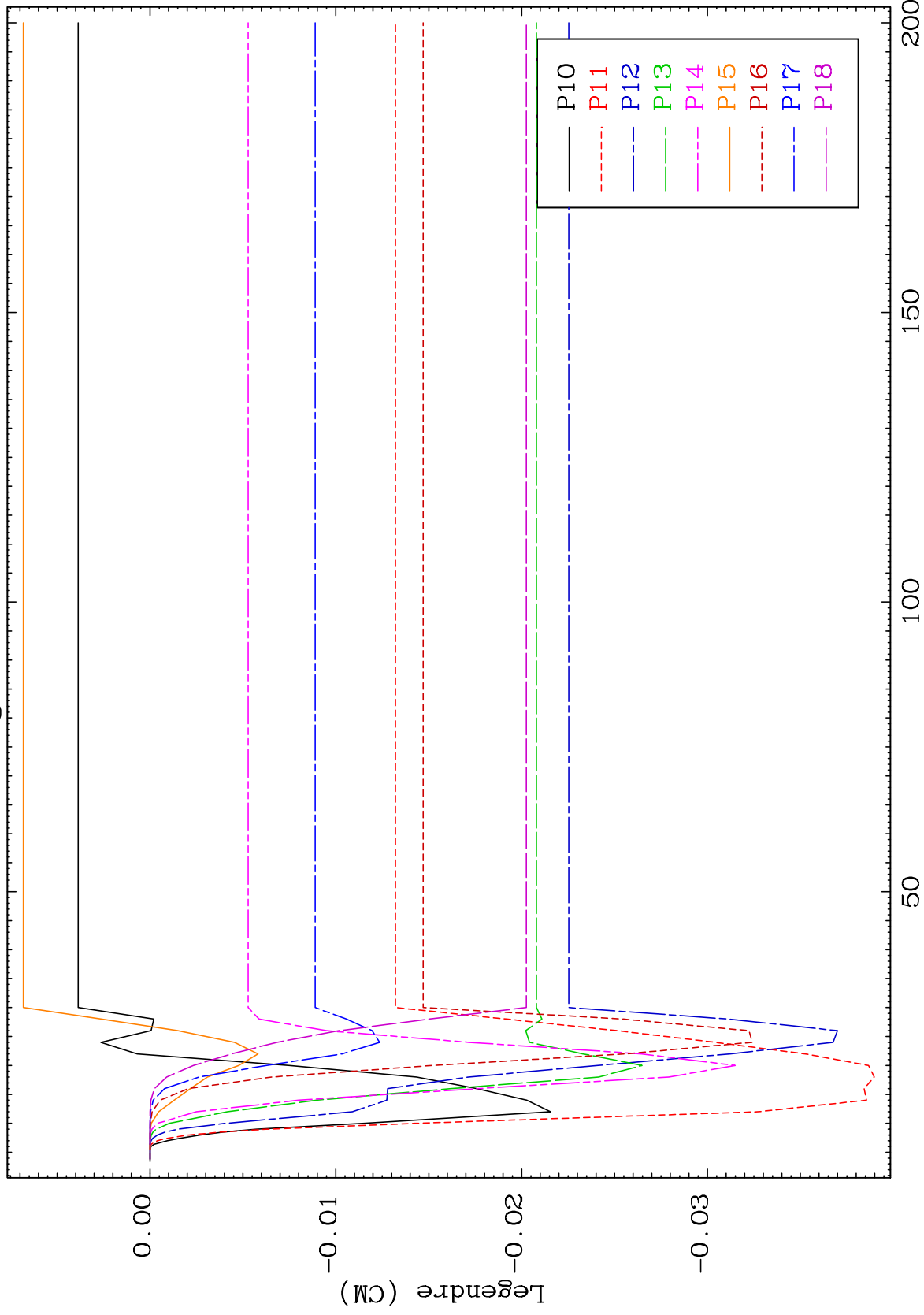
Incident Energy (MeV)

90

MAT 5473

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

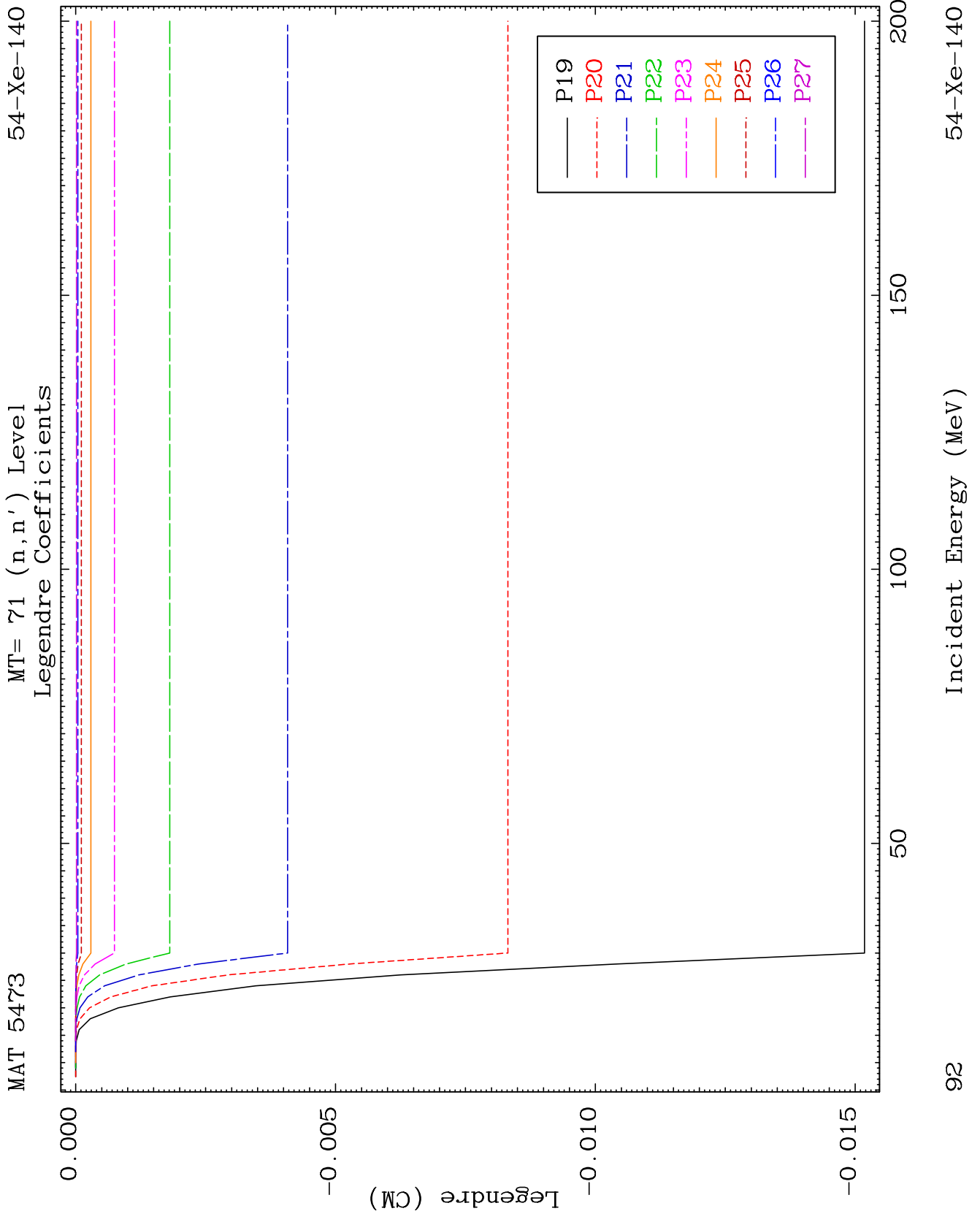
54-Xe-140



91

Incident Energy (MeV)

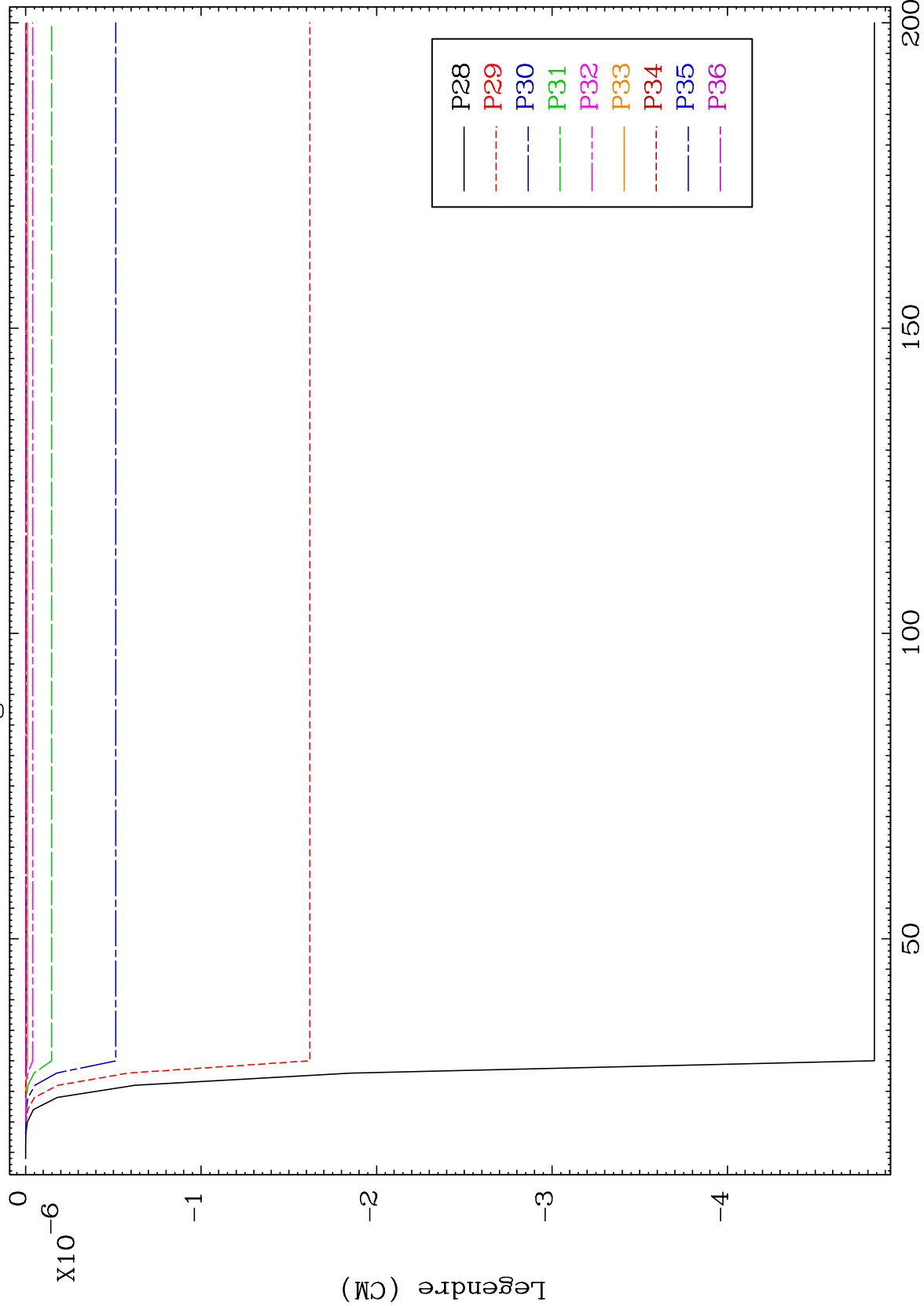
54-Xe-140

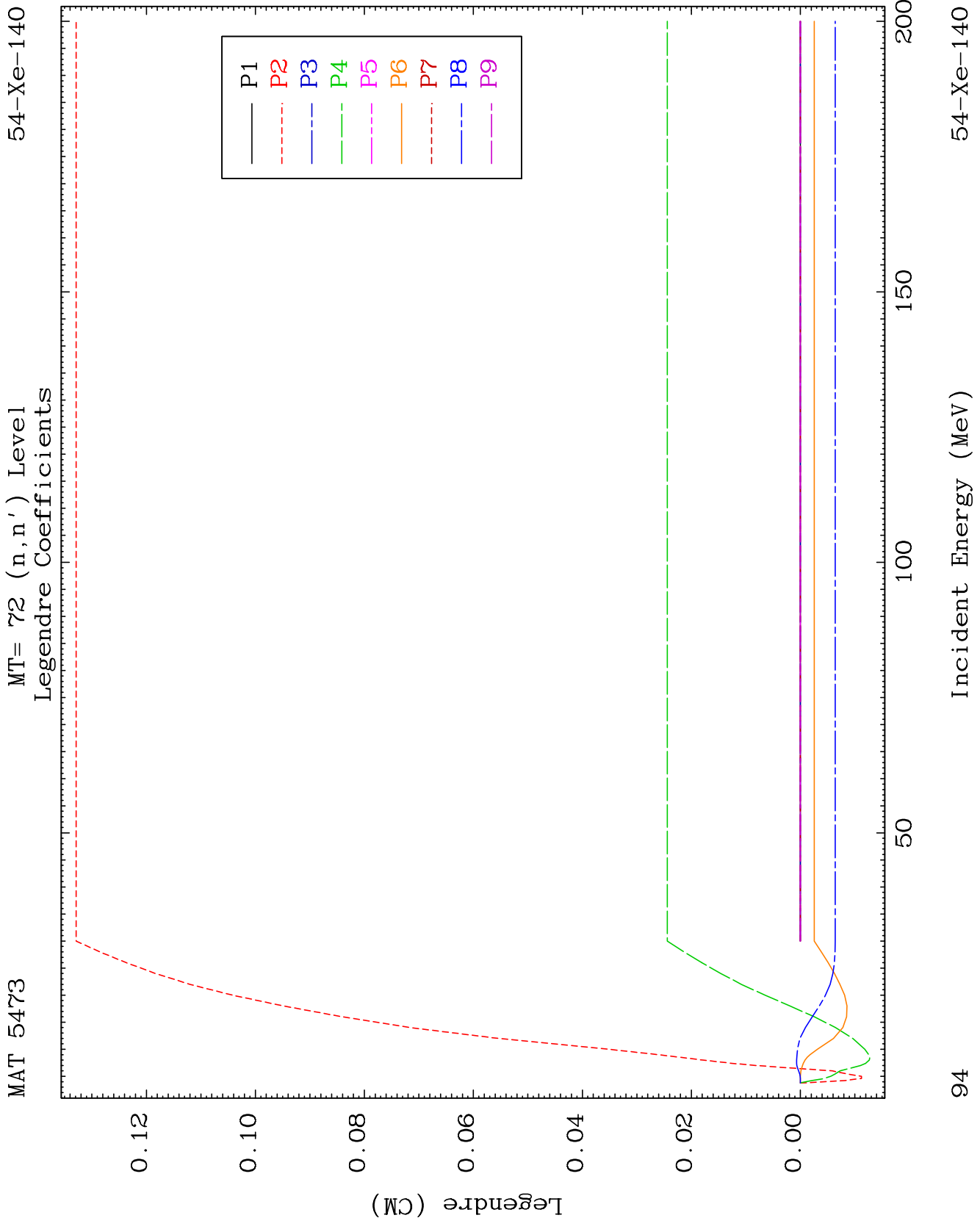


MAT 5473

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

54-Xe-140

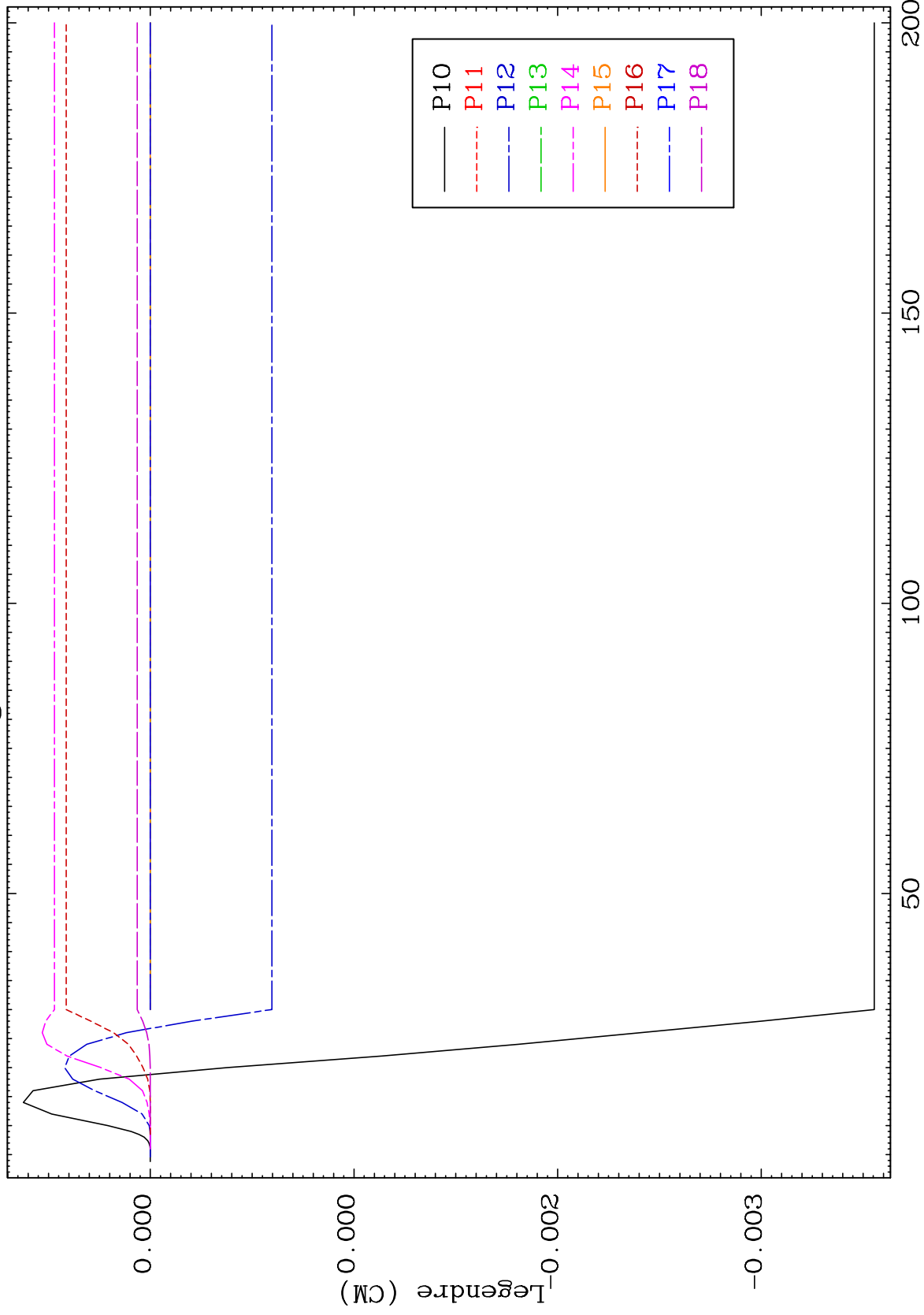




MAT 5473

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

54-Xe-140



95

Incident Energy (MeV)

54-Xe-140



