

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

Web:redcullen1.net/HOMEPAGE.NEW

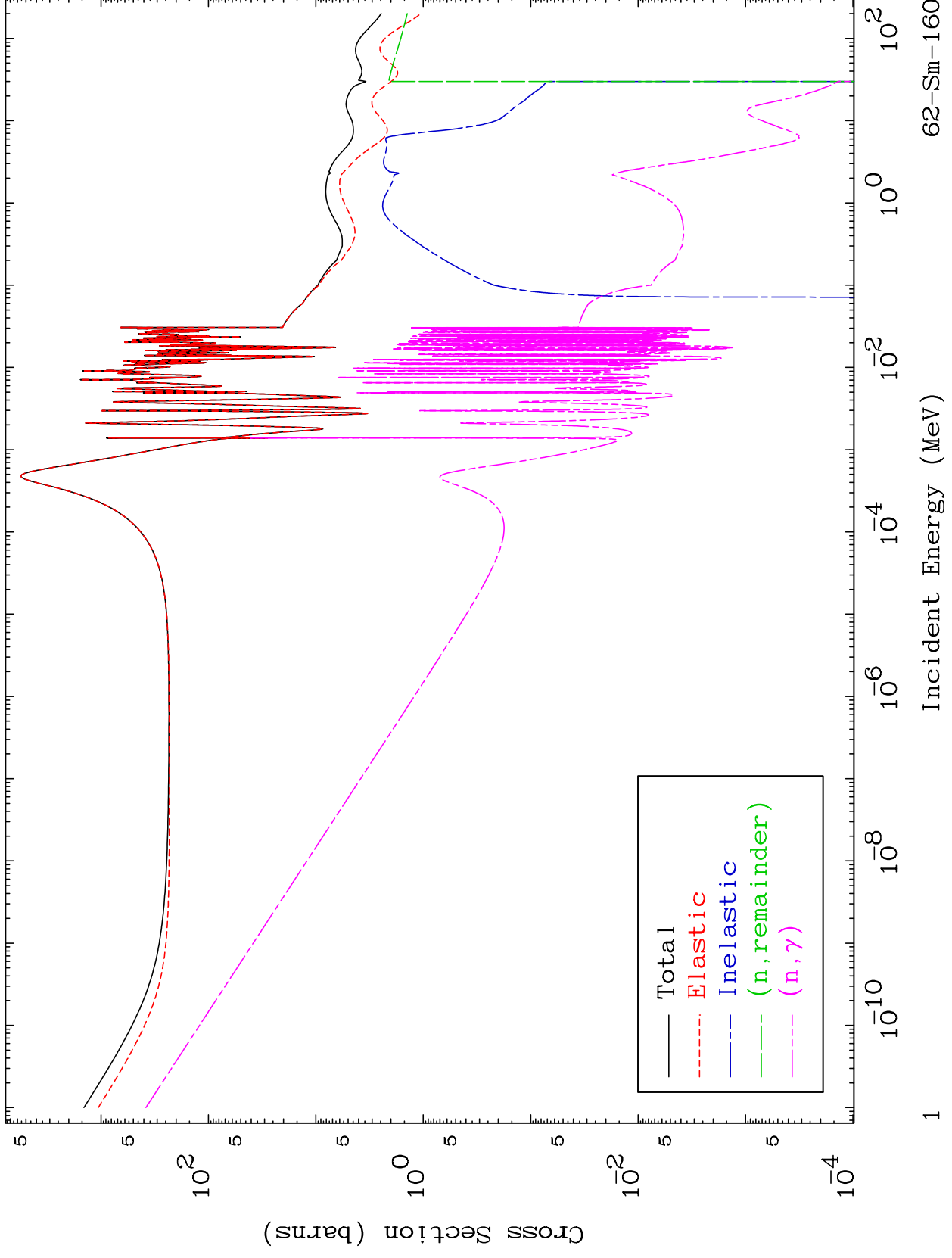
Press Mouse Button to Start

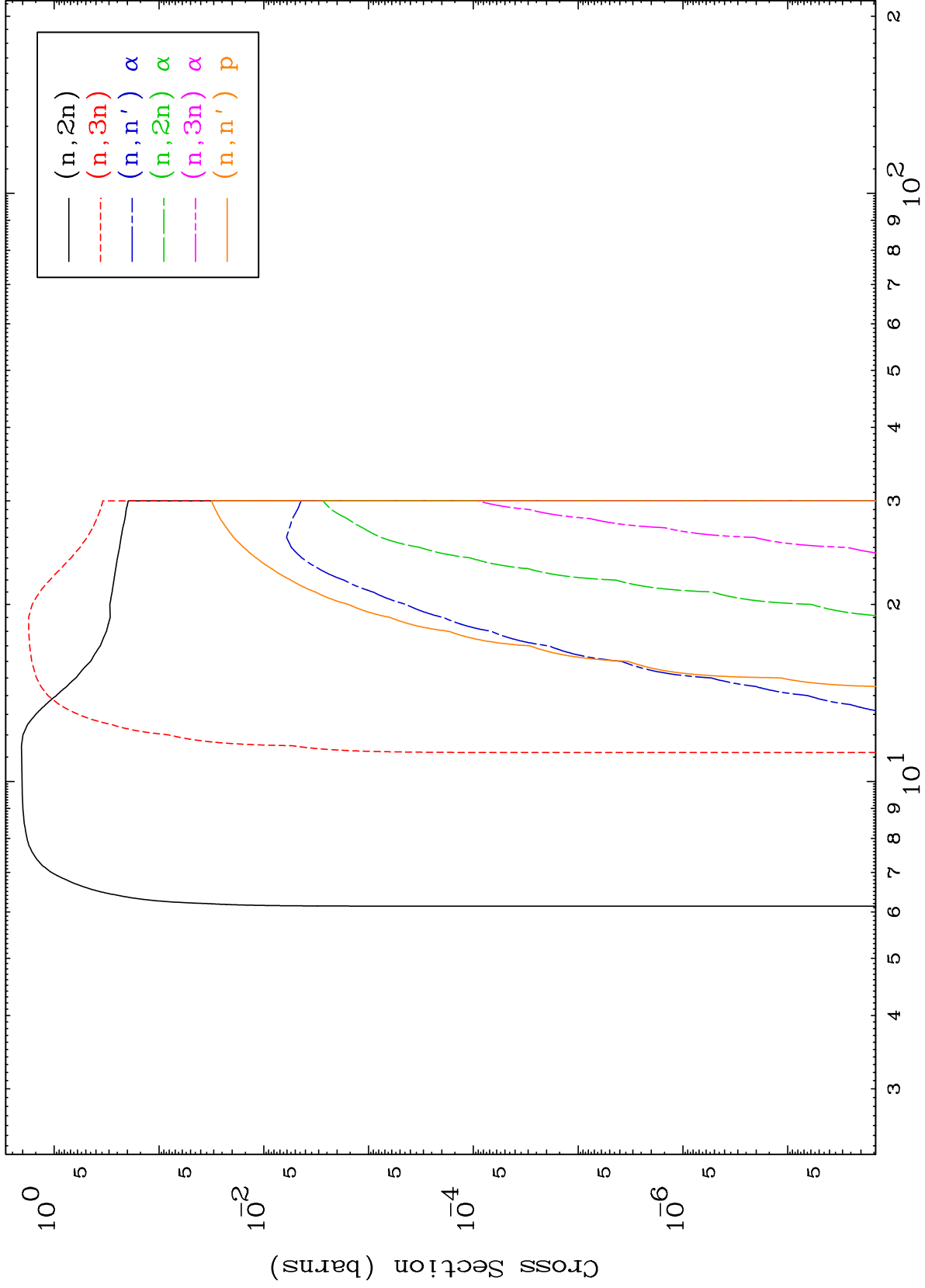
MAT 6273

Major

293 Kelvin Cross Sections

62-Sm-160

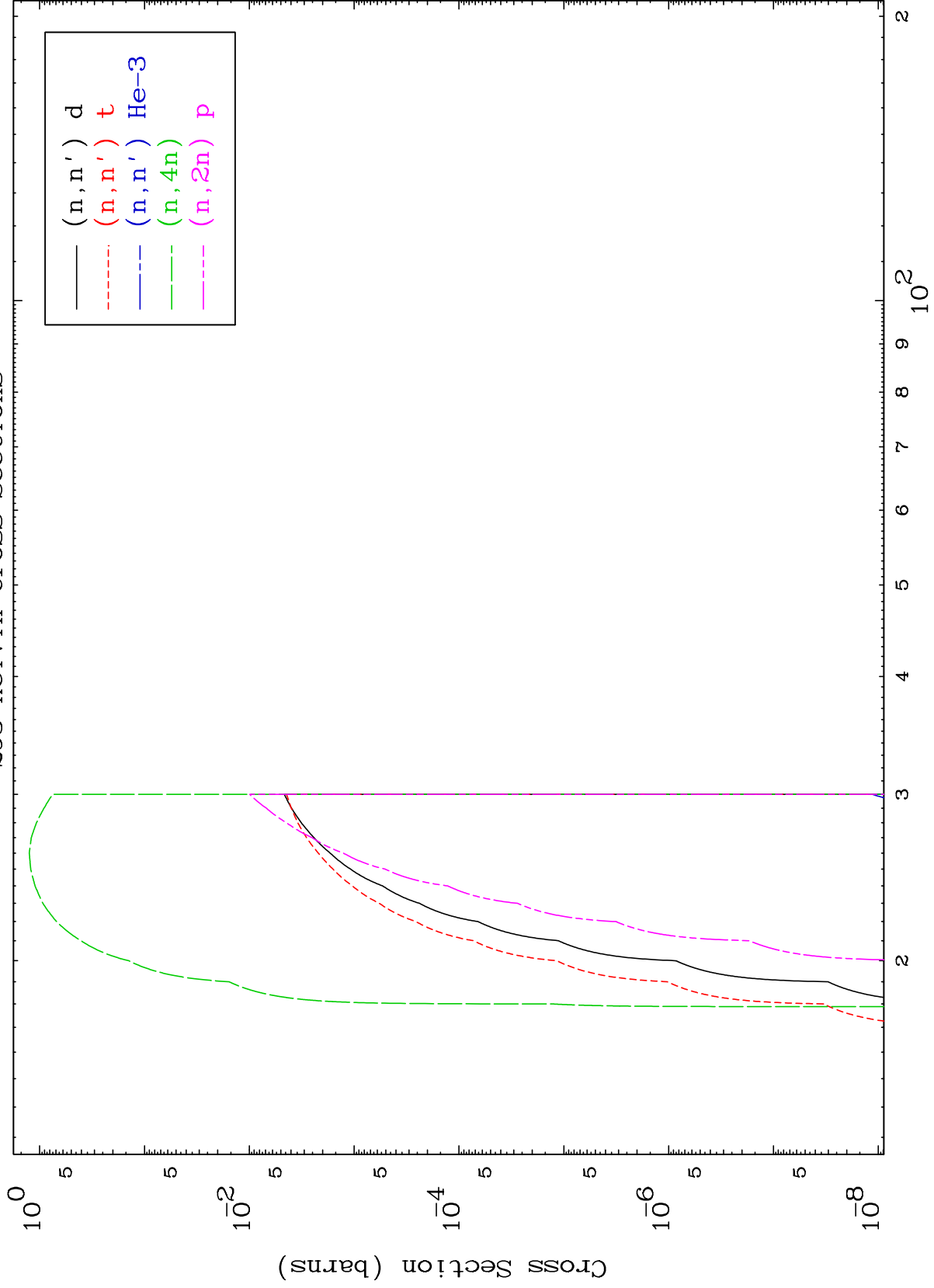




MAT 6273

Neutron Production  
293 Kelvin Cross Sections

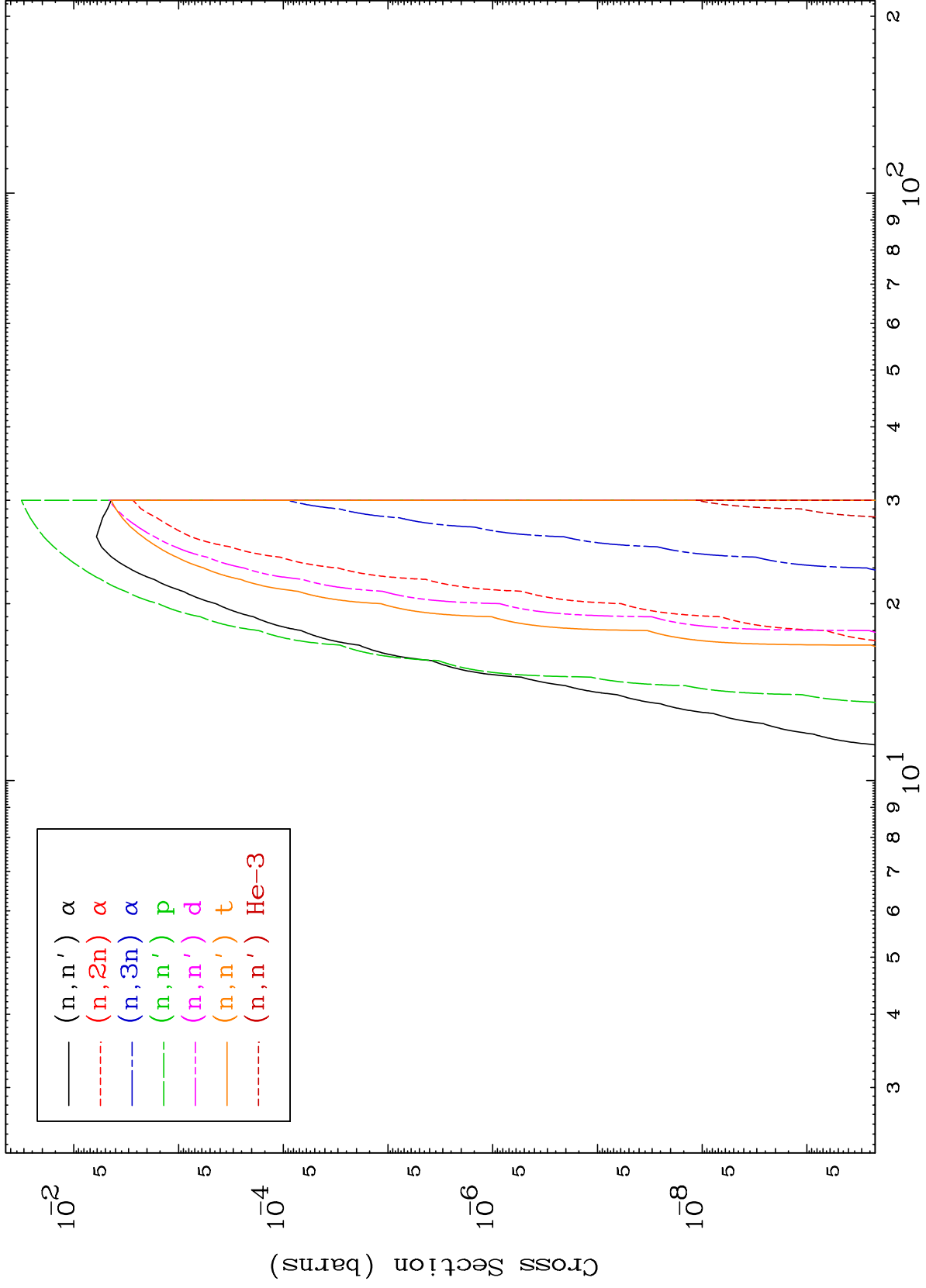
62-Sm-160



3

Incident Energy (MeV)

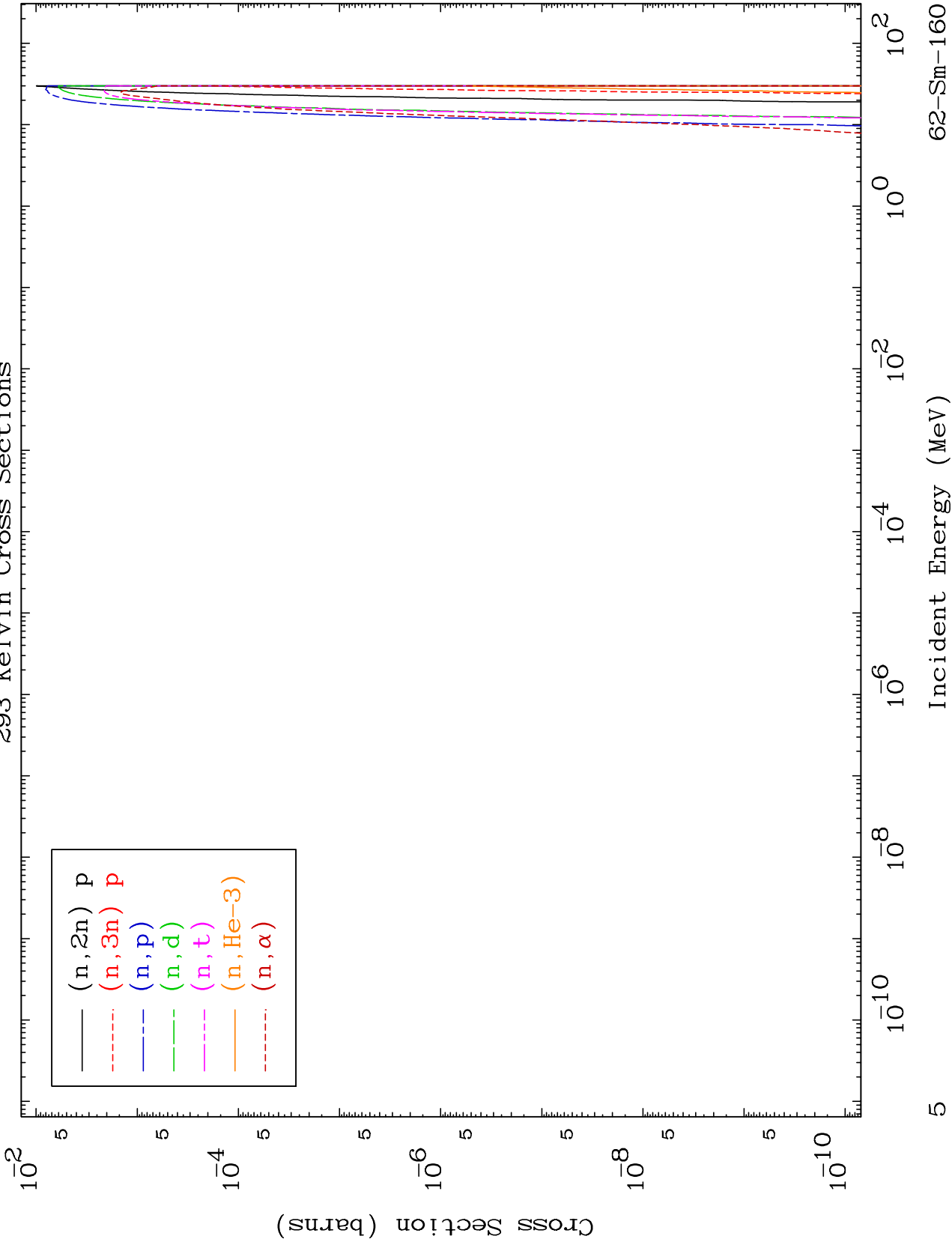
62-Sm-160



MAT 6273

Charged Particle  
293 Kelvin Cross Sections

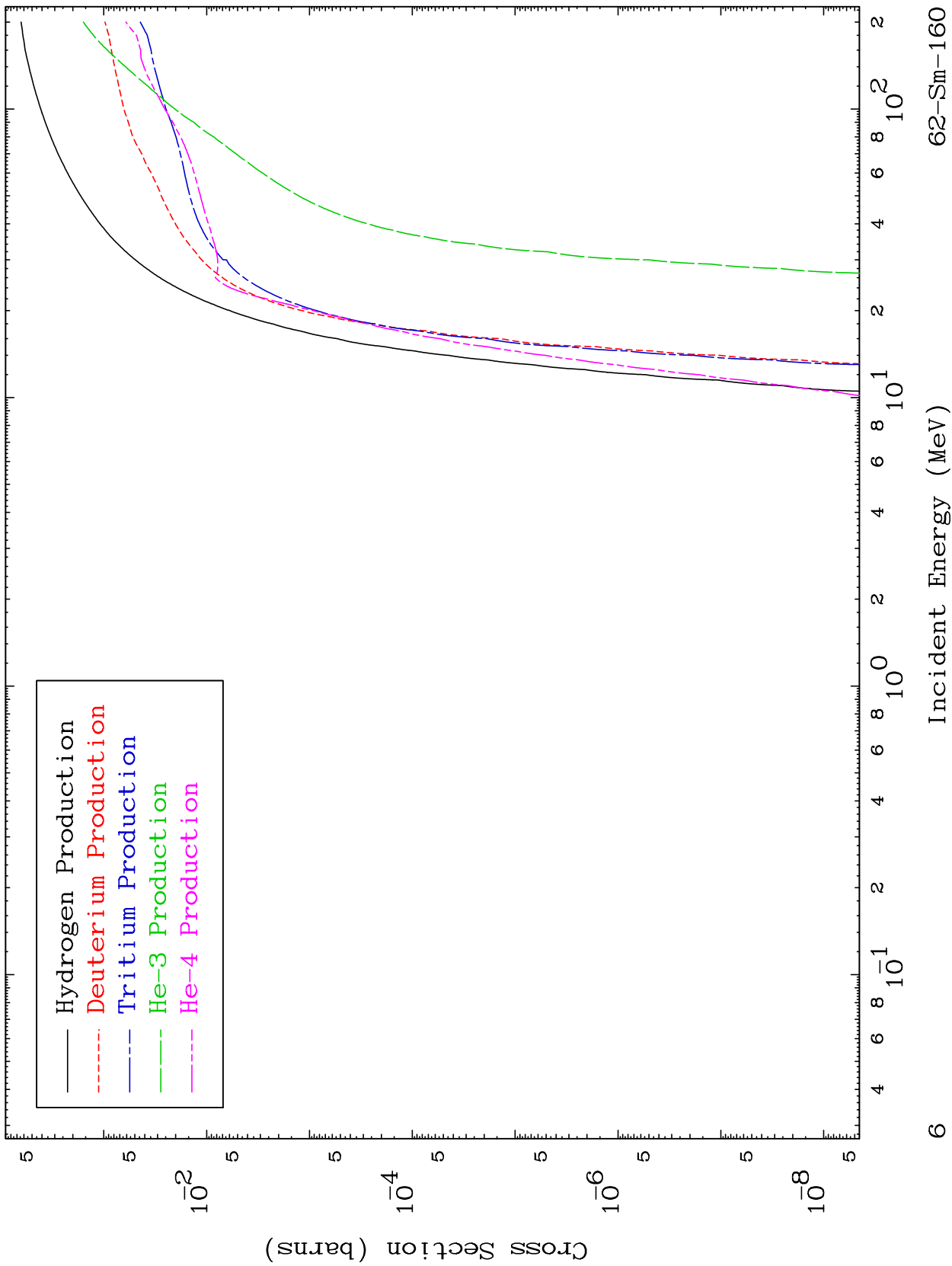
62-Sm-160



MAT 6273

Particle Production  
293 Kelvin Cross Sections

62-Sm-160

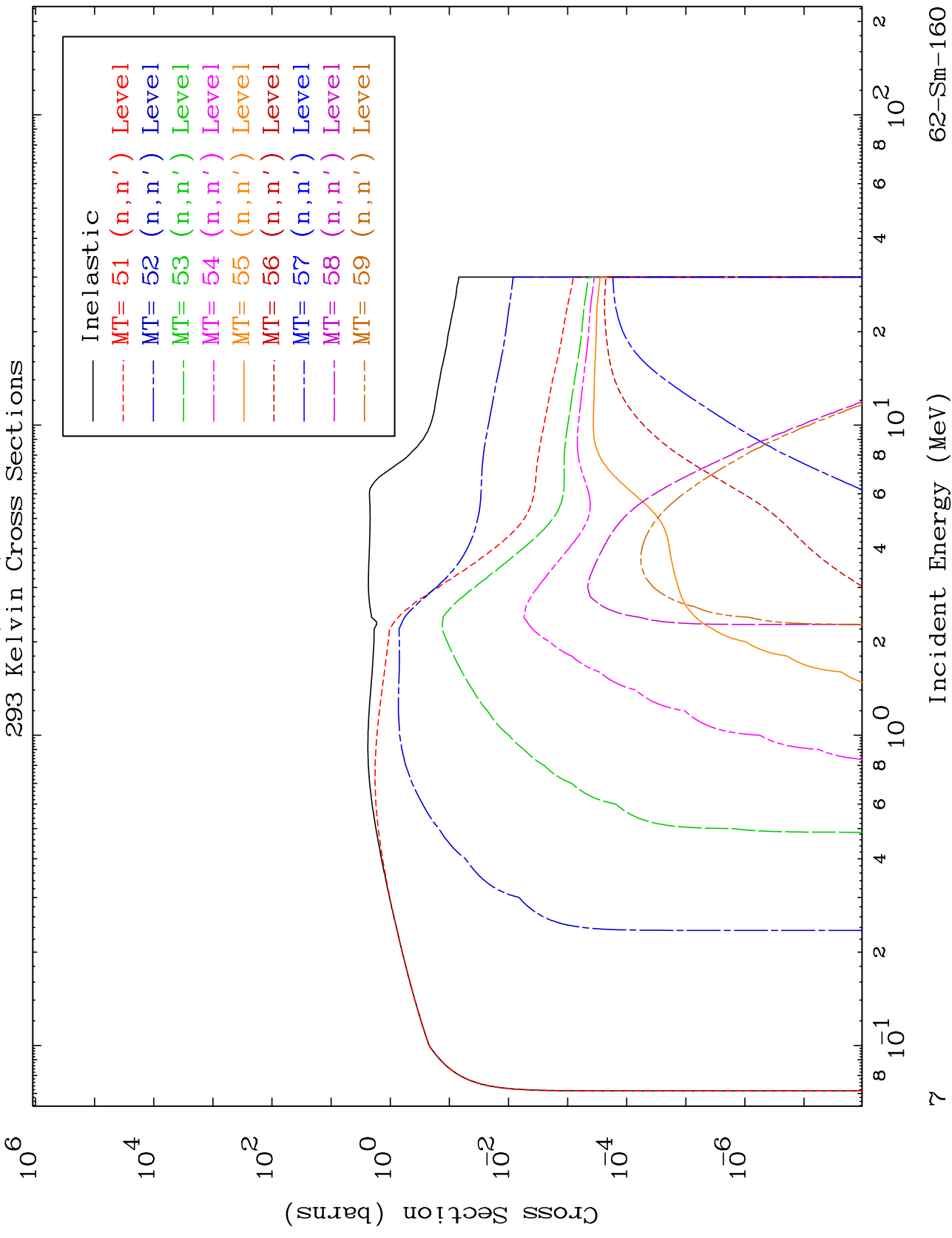


MAT 6273

(n,n') Level

62-Sm-160

293 Kelvin Cross Sections



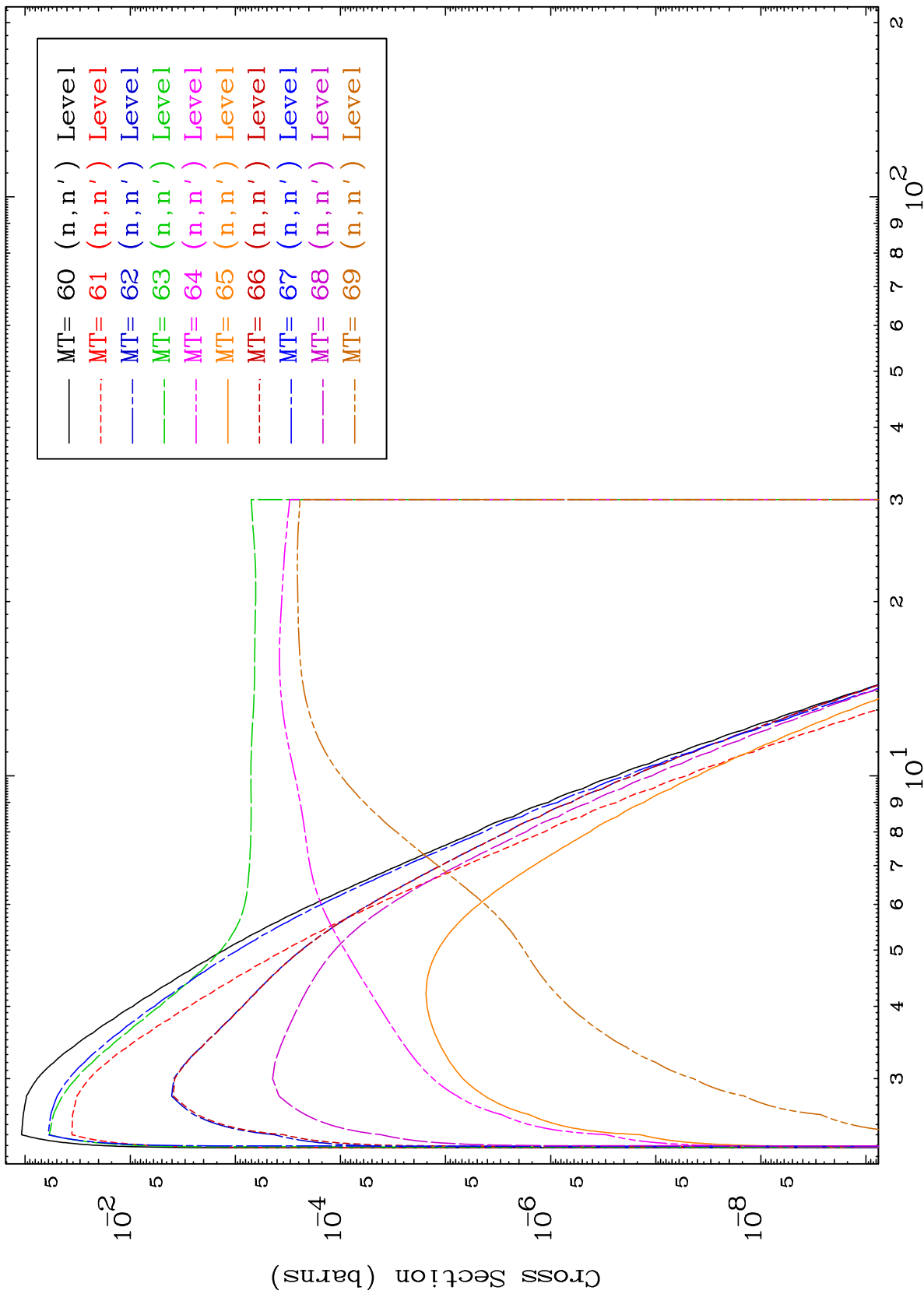


MAT 6273

(n,n') Level

62-Sm-160

293 Kelvin Cross Sections

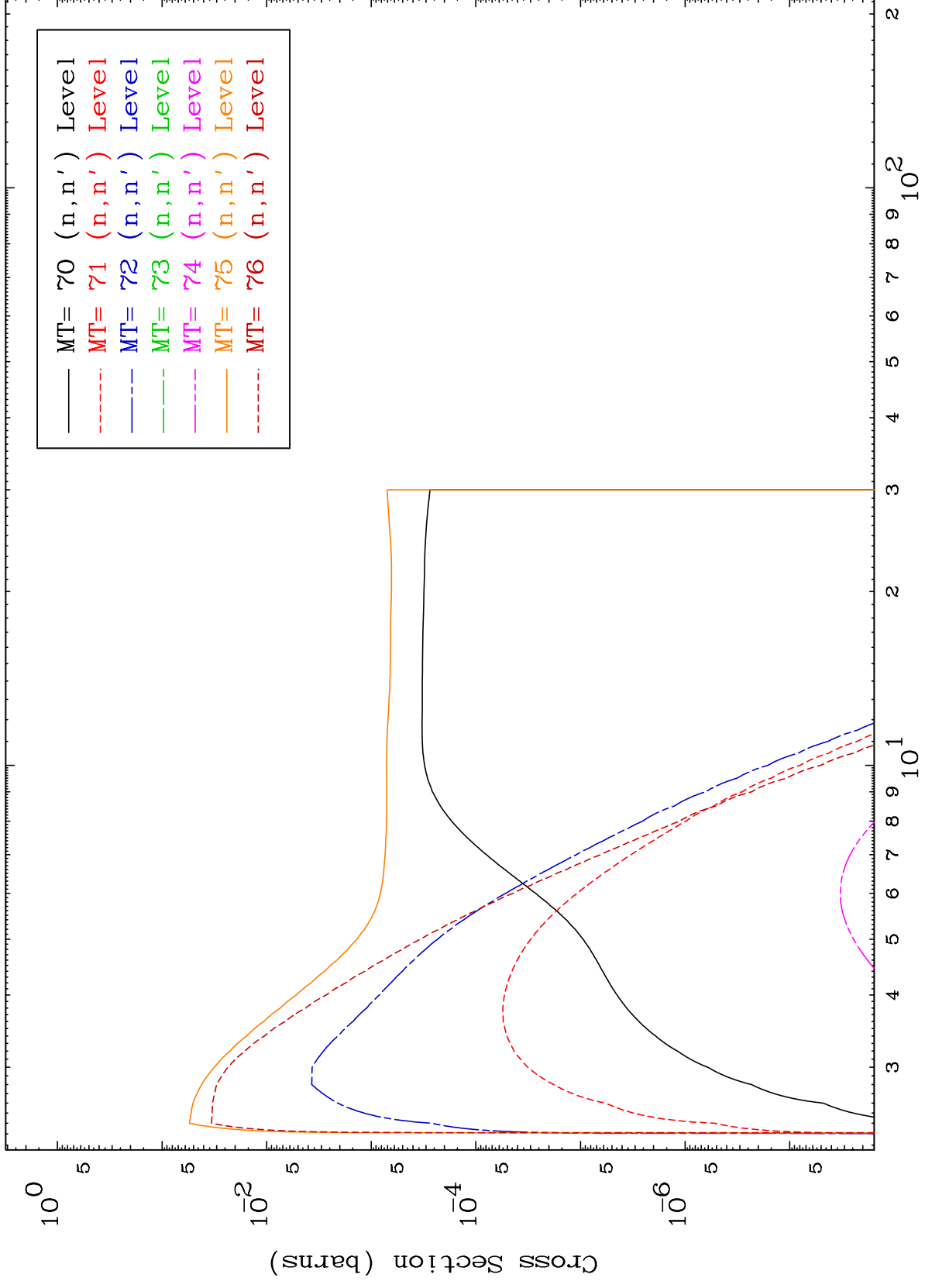


8

Incident Energy (MeV)

62-Sm-160

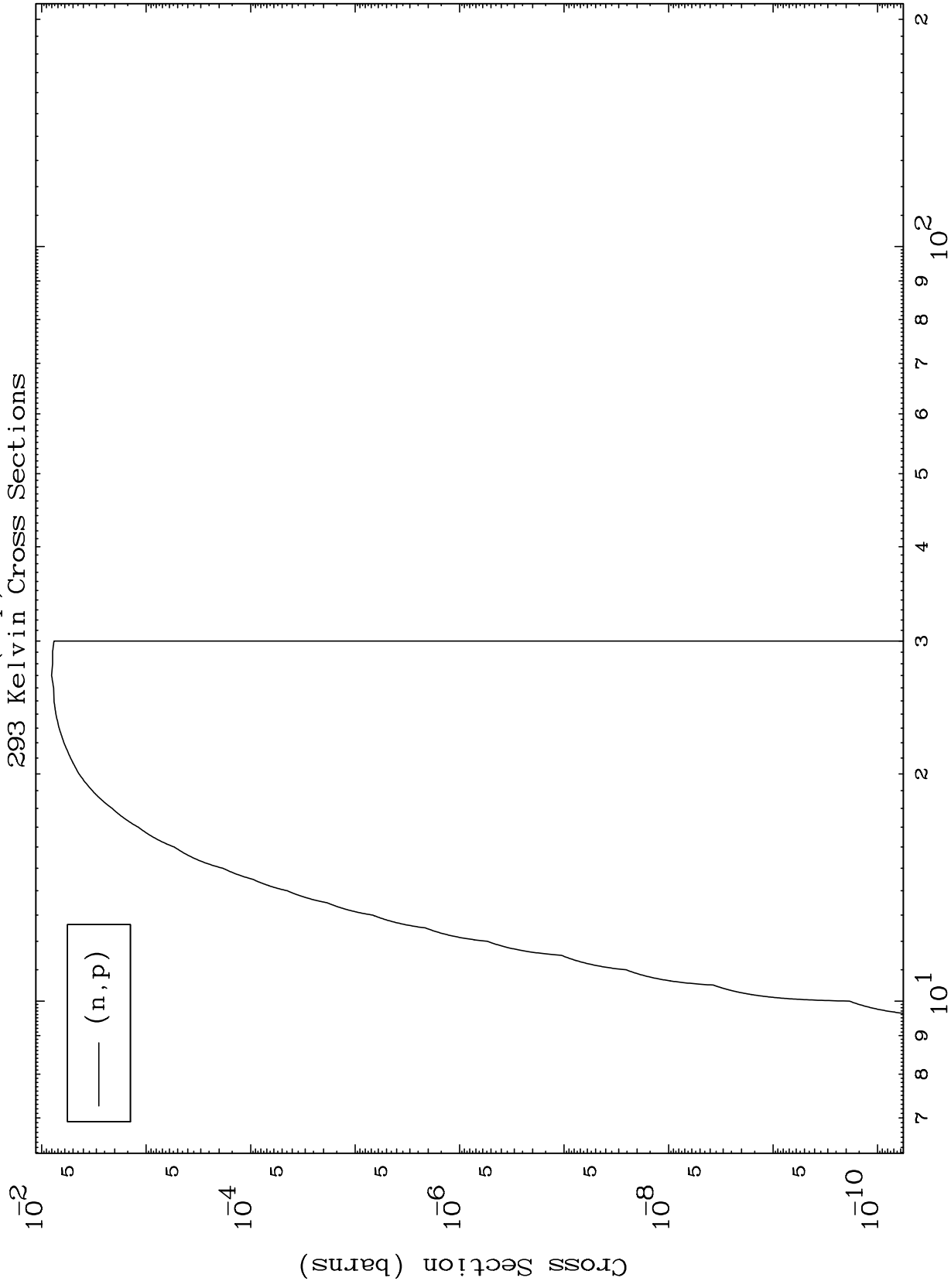
293 Kelvin Cross Sections



MAT 6273

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-160



10

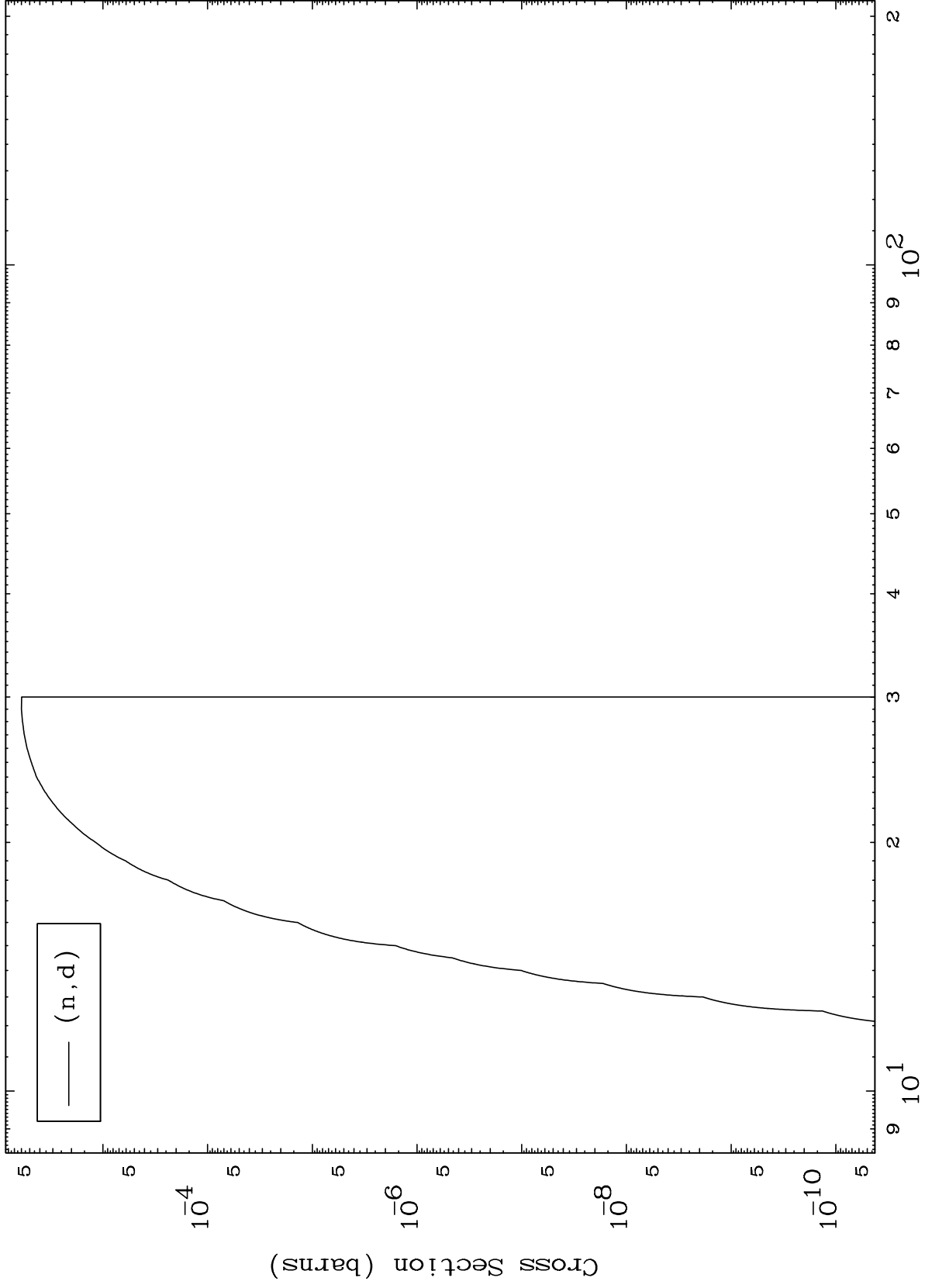
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-160



11

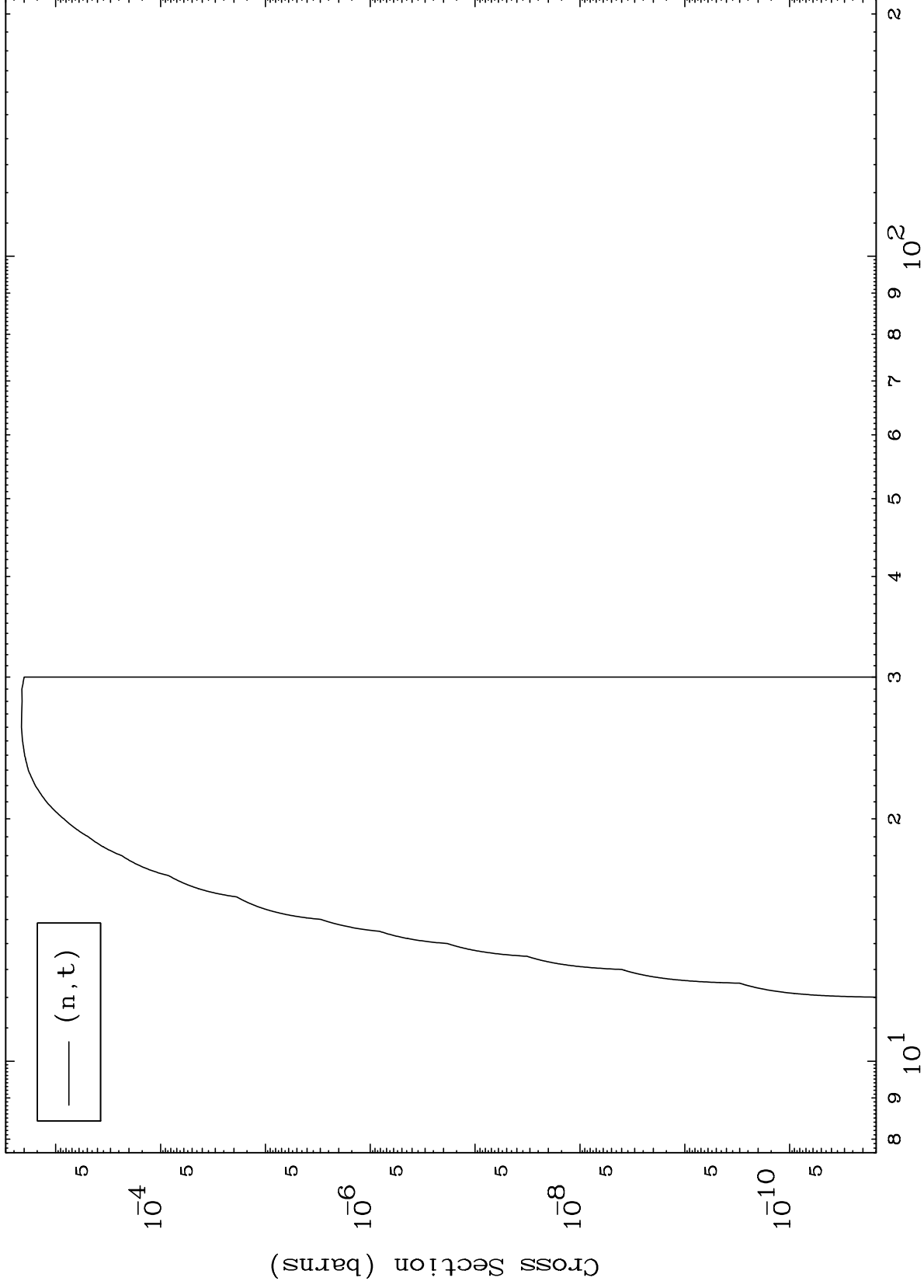
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-160



12

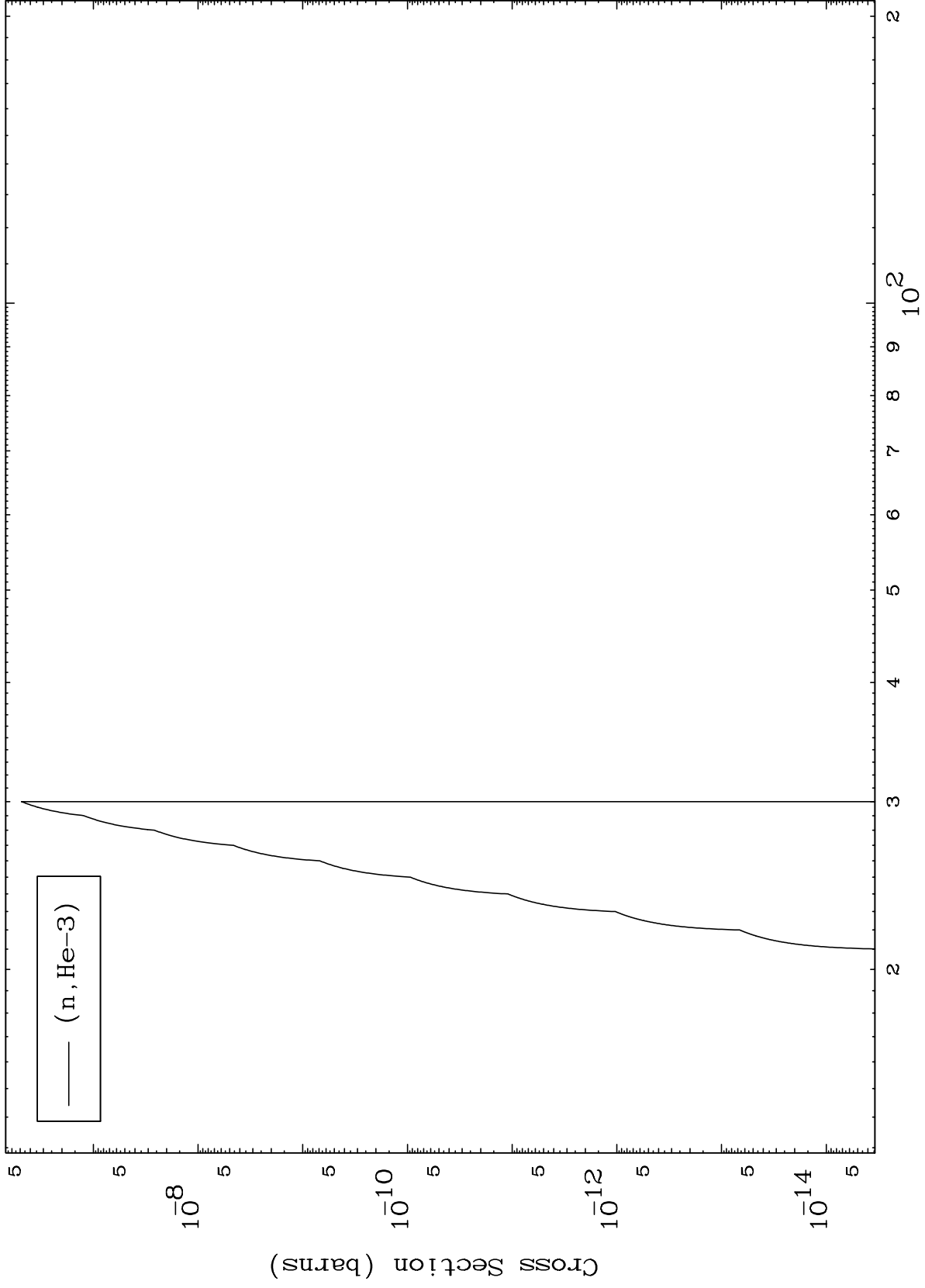
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-160



13

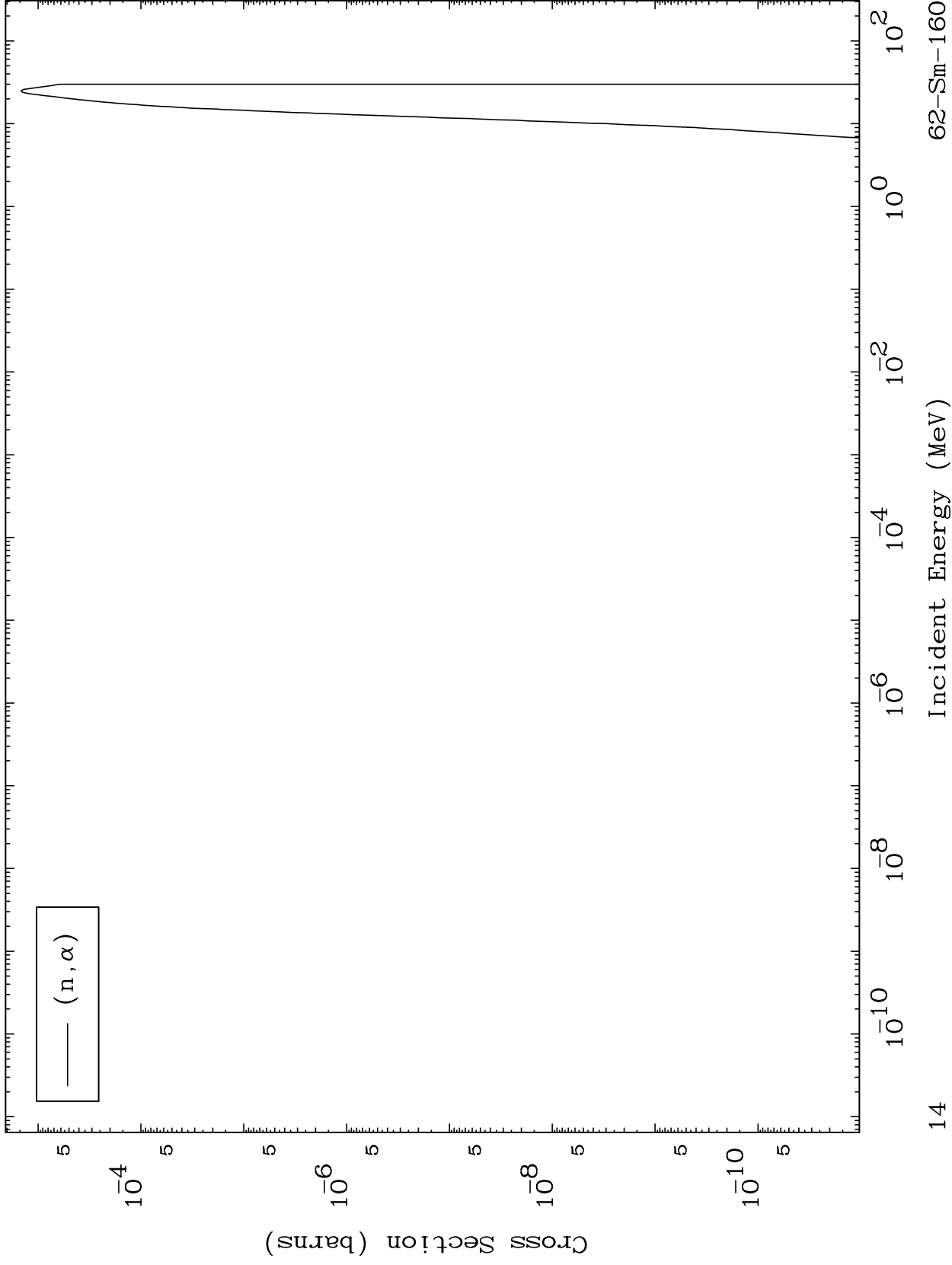
Incident Energy (MeV)

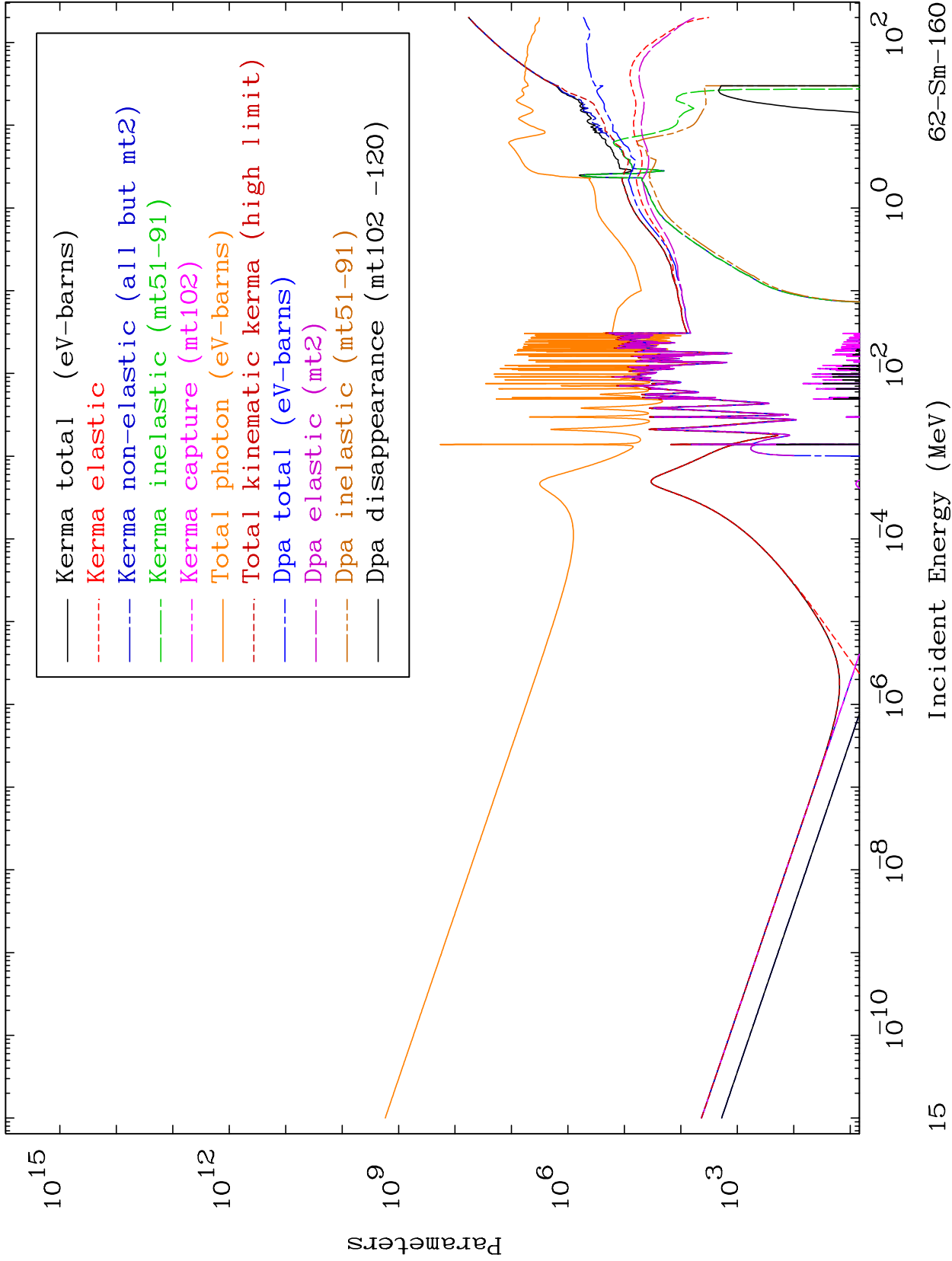
62-Sm-160

MAT 6273

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

62-Sm-160



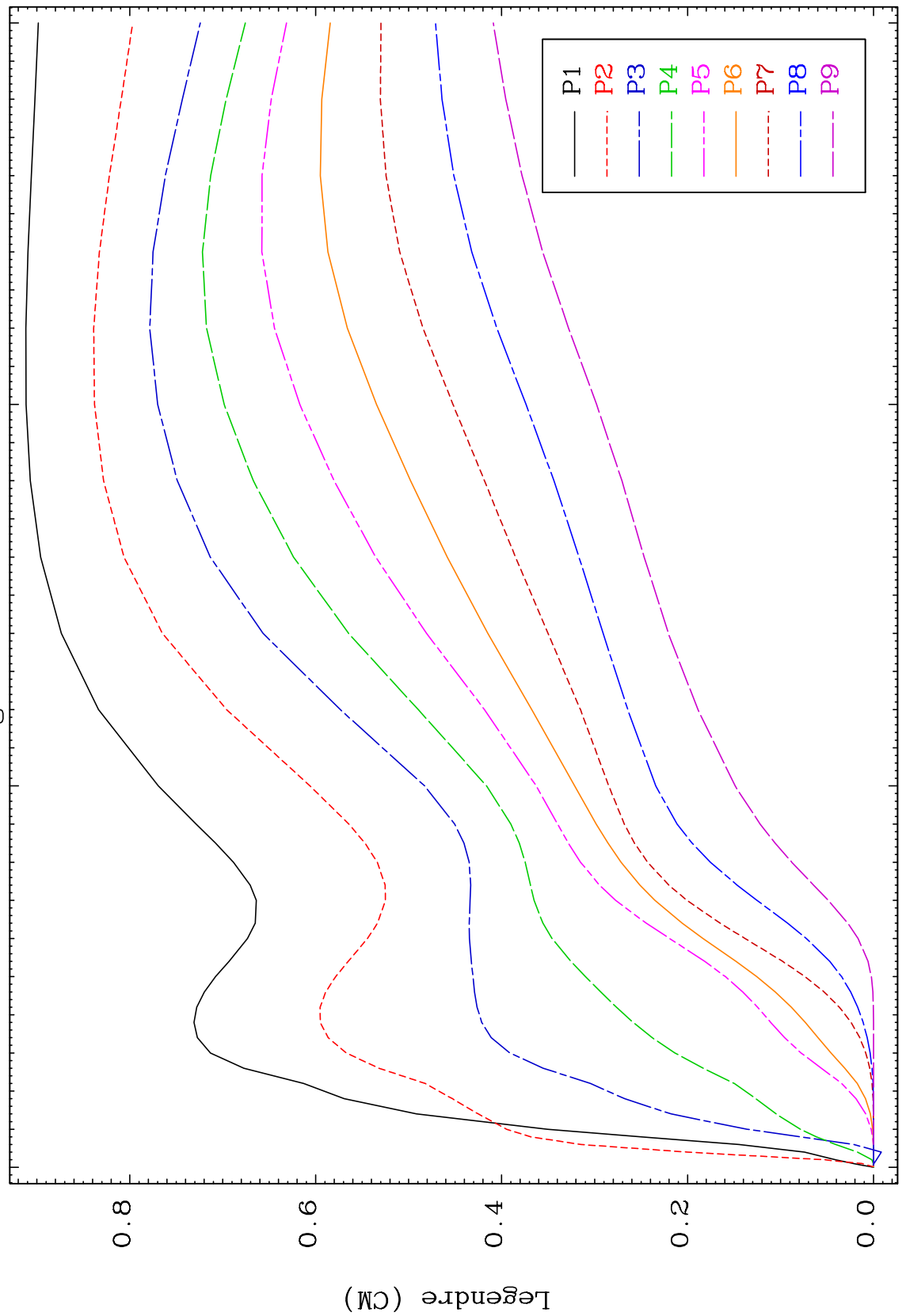




MAT 6273

Elastic Legendre Coefficients

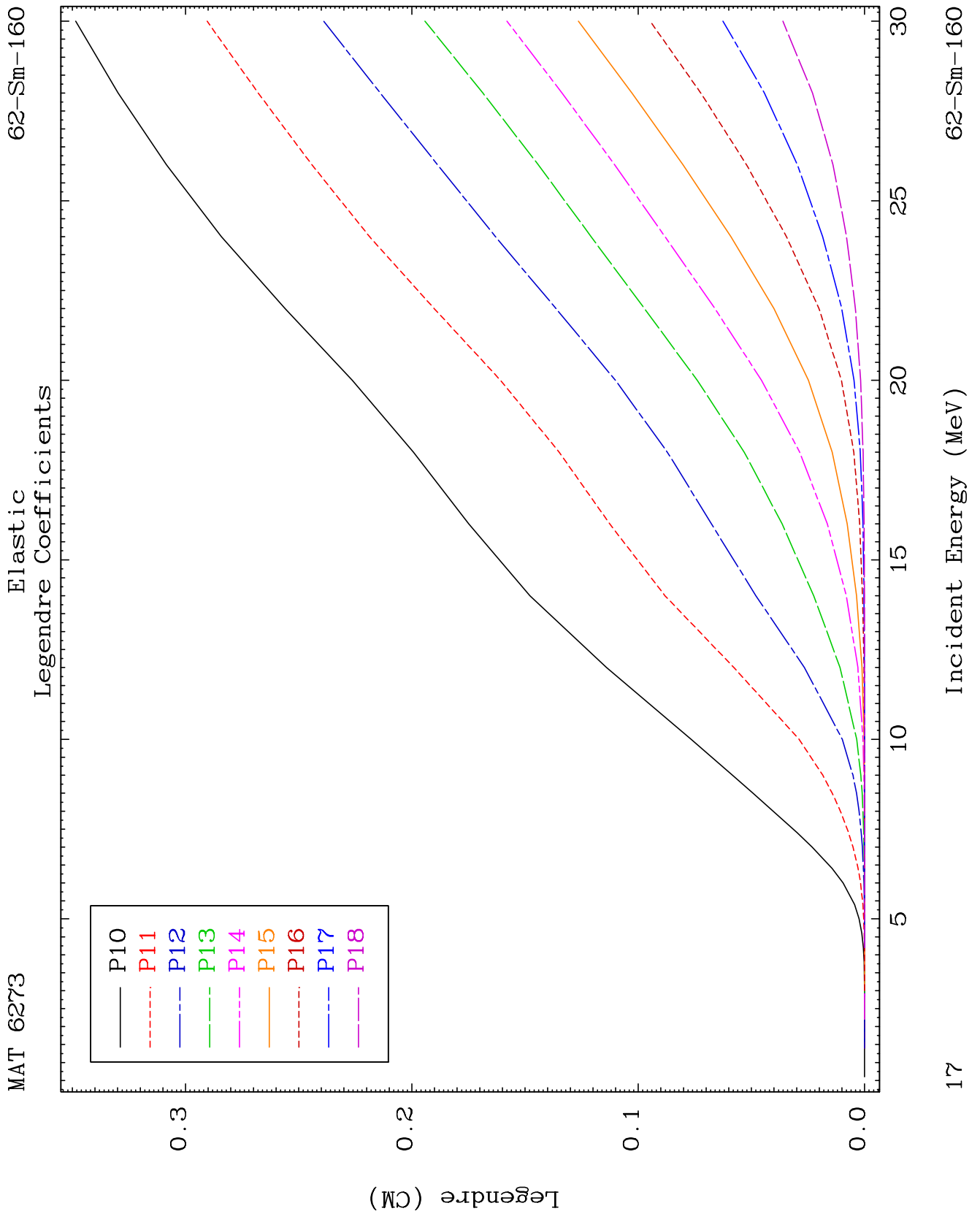
62-Sm-160



16

Incident Energy (MeV)

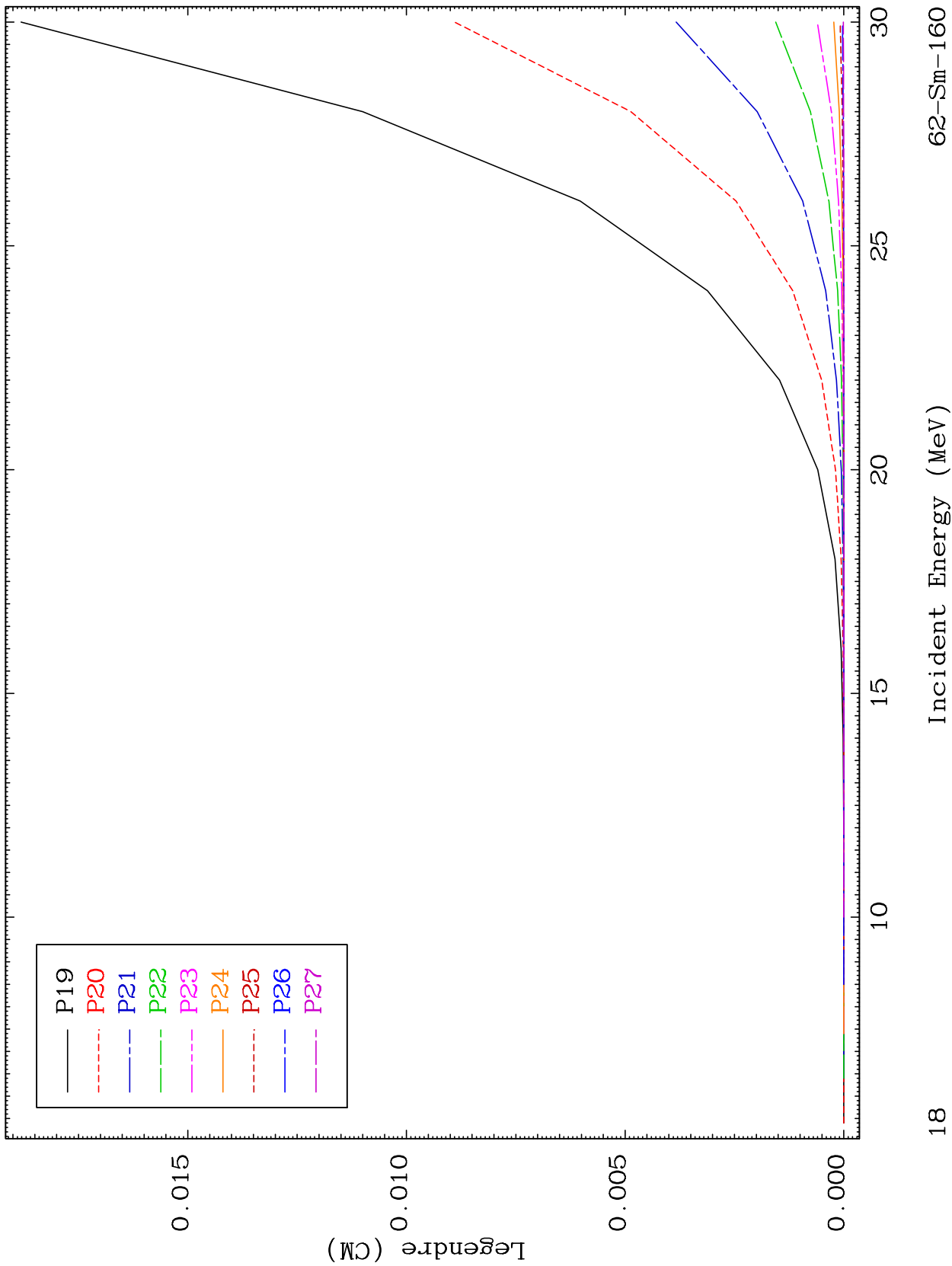
62-Sm-160



MAT 6273

### Elastic Legendre Coefficients

<sup>62</sup>Sm-160



18

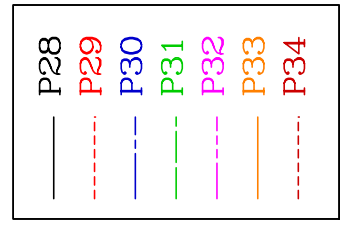
Incident Energy (MeV)

<sup>62</sup>Sm-160

MAT 6273

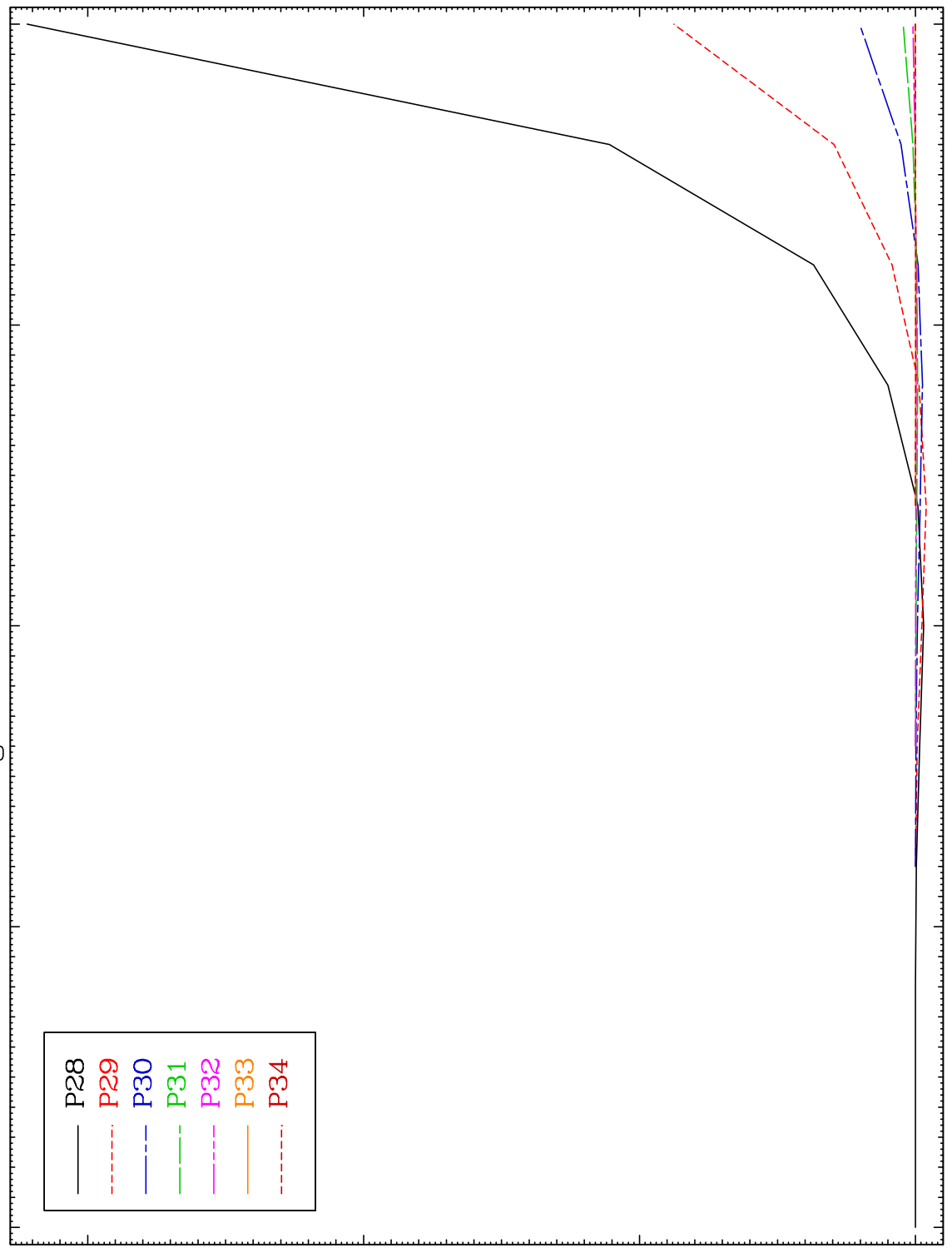
Elastic Legendre Coefficients

62-Sm-160



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

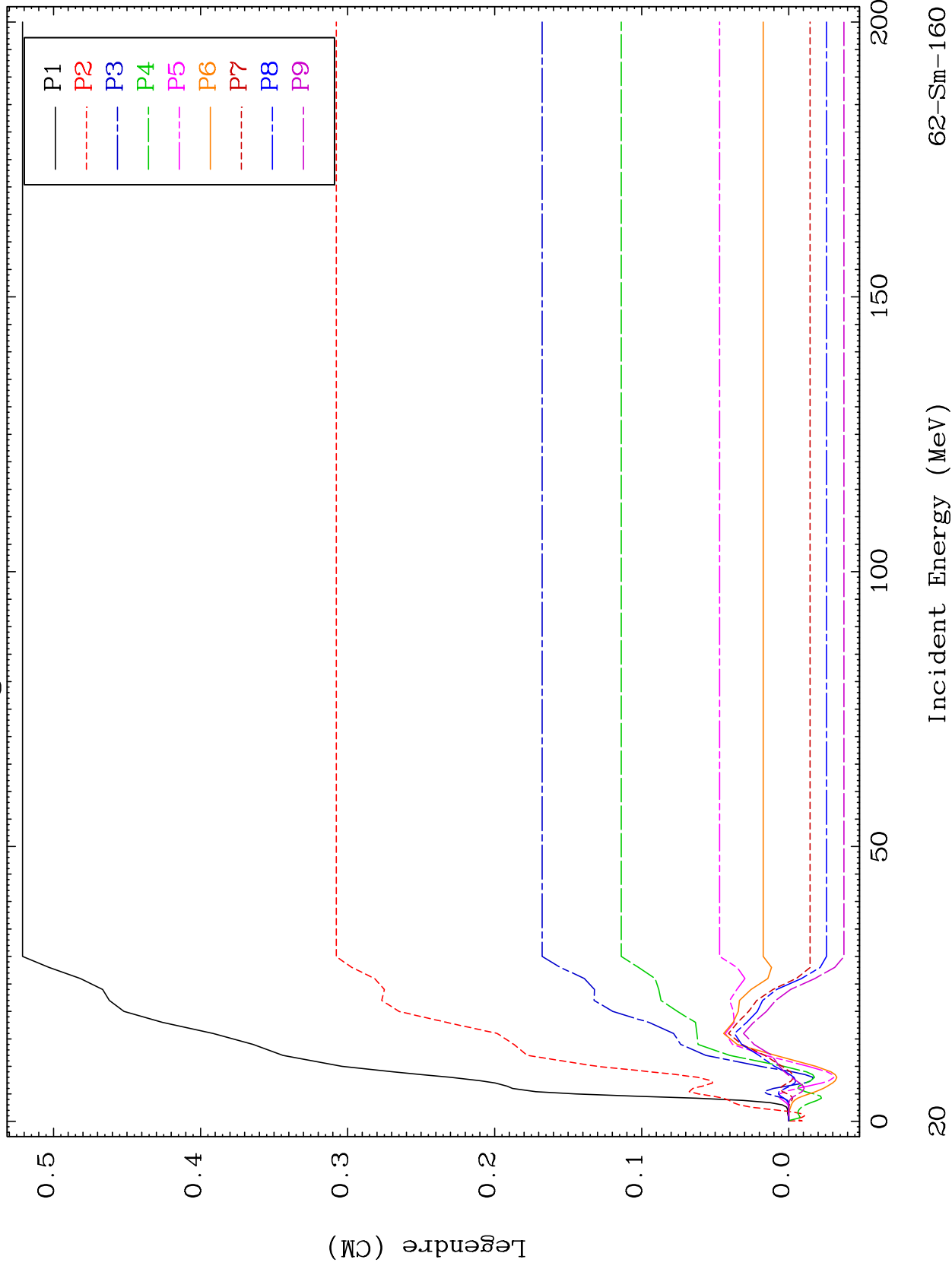
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



62-Sm-160

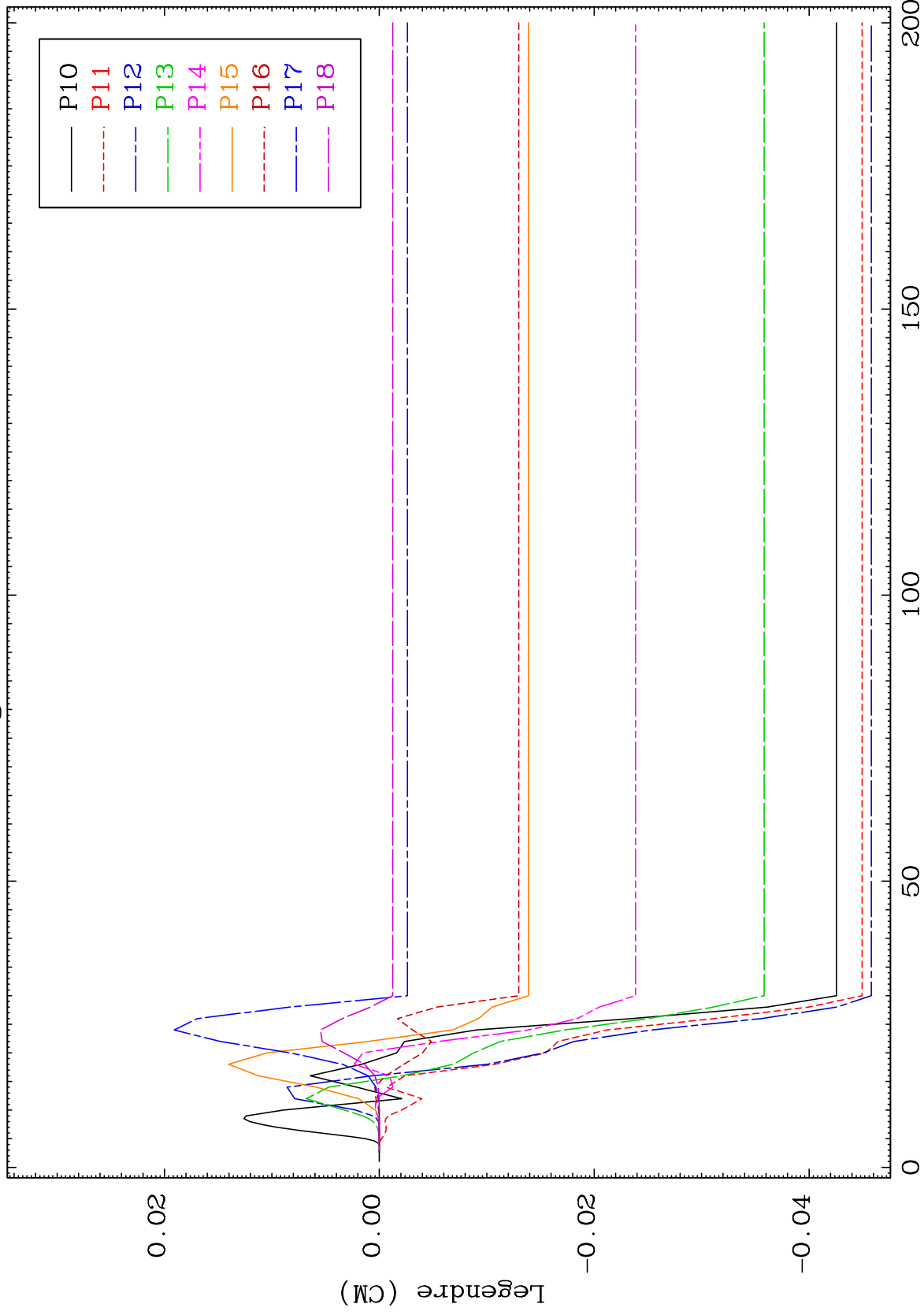
Incident Energy (MeV)

0

MAT 6273

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

62-Sm-160



21

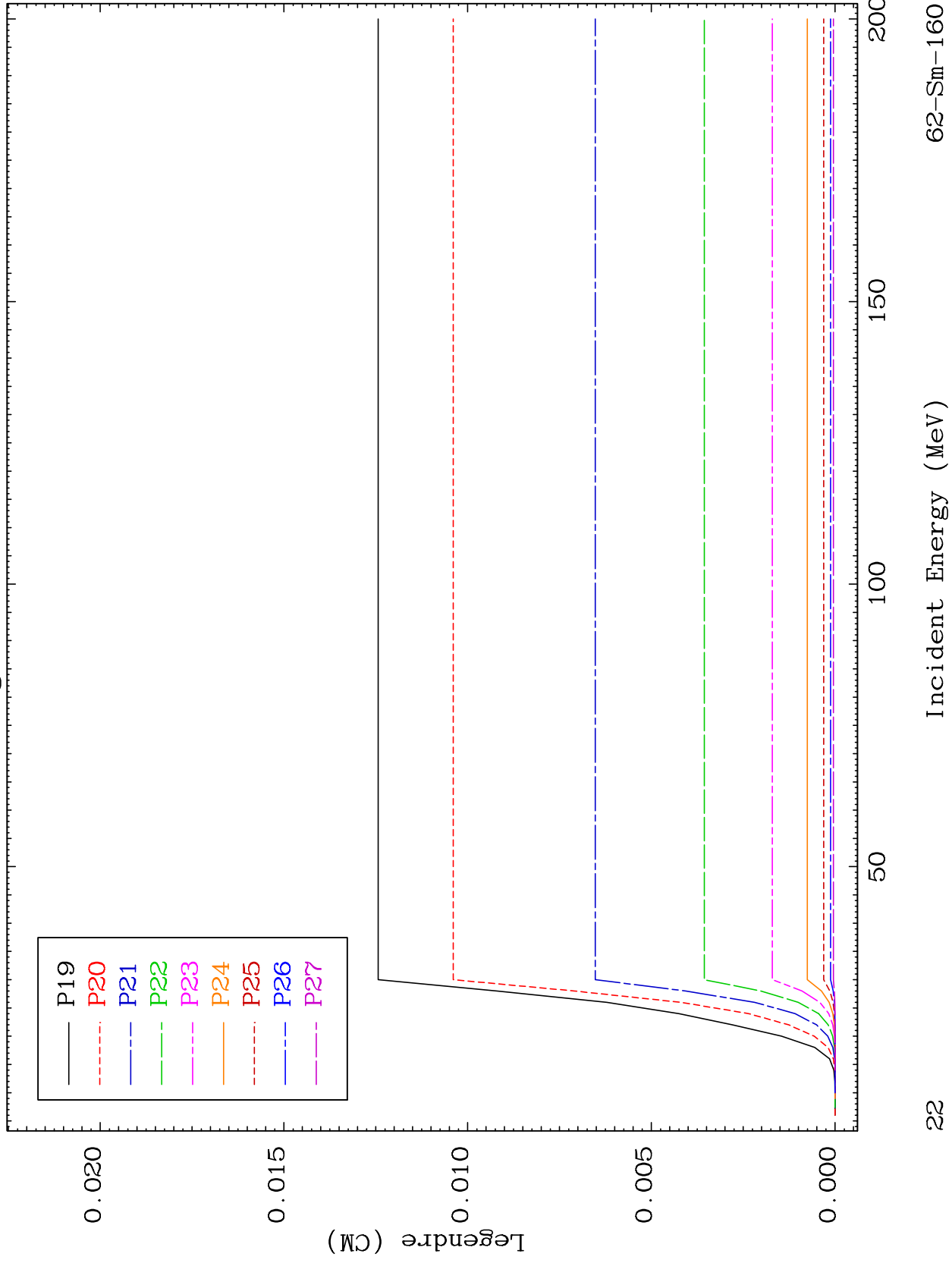
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



22

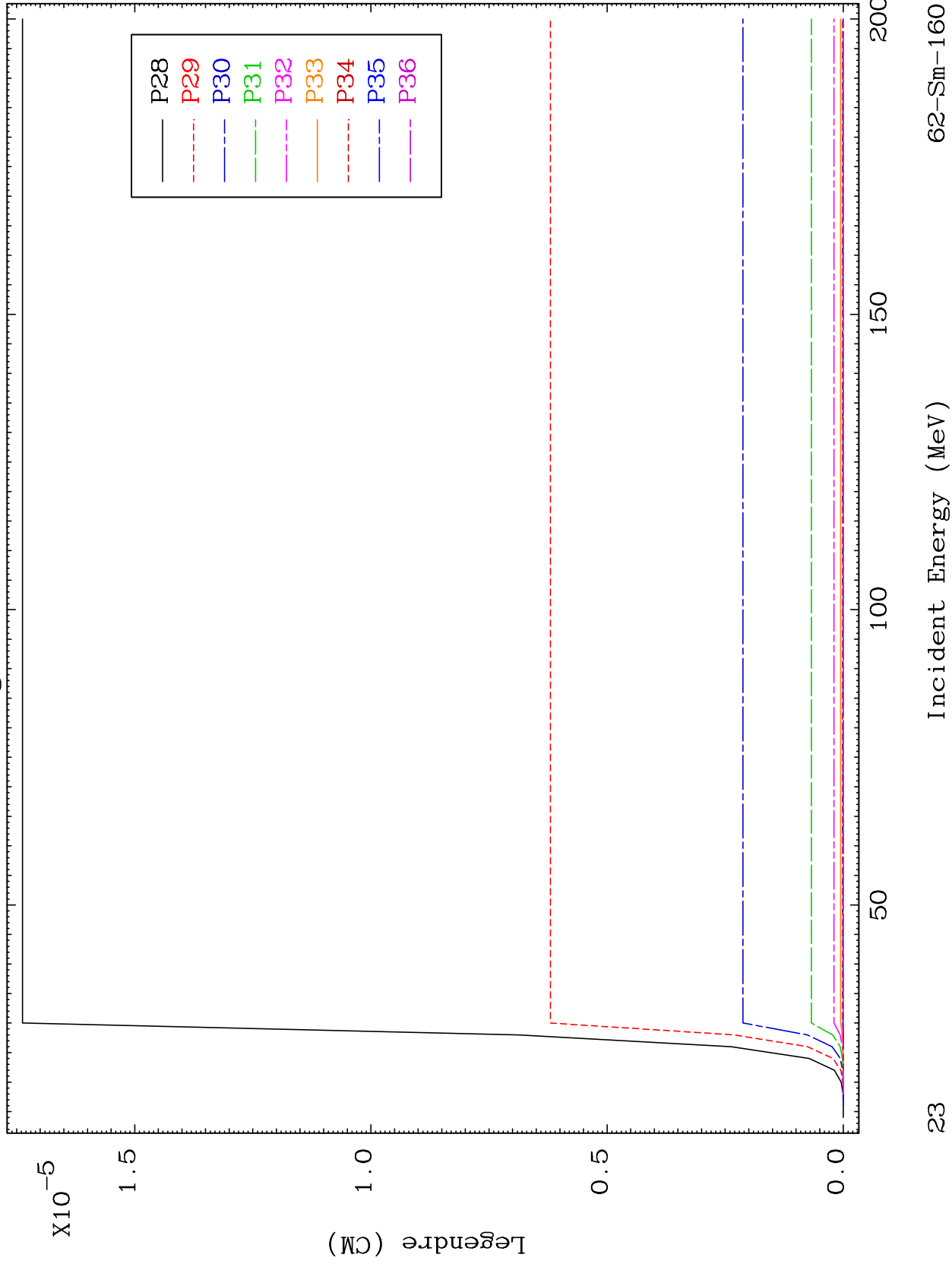
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

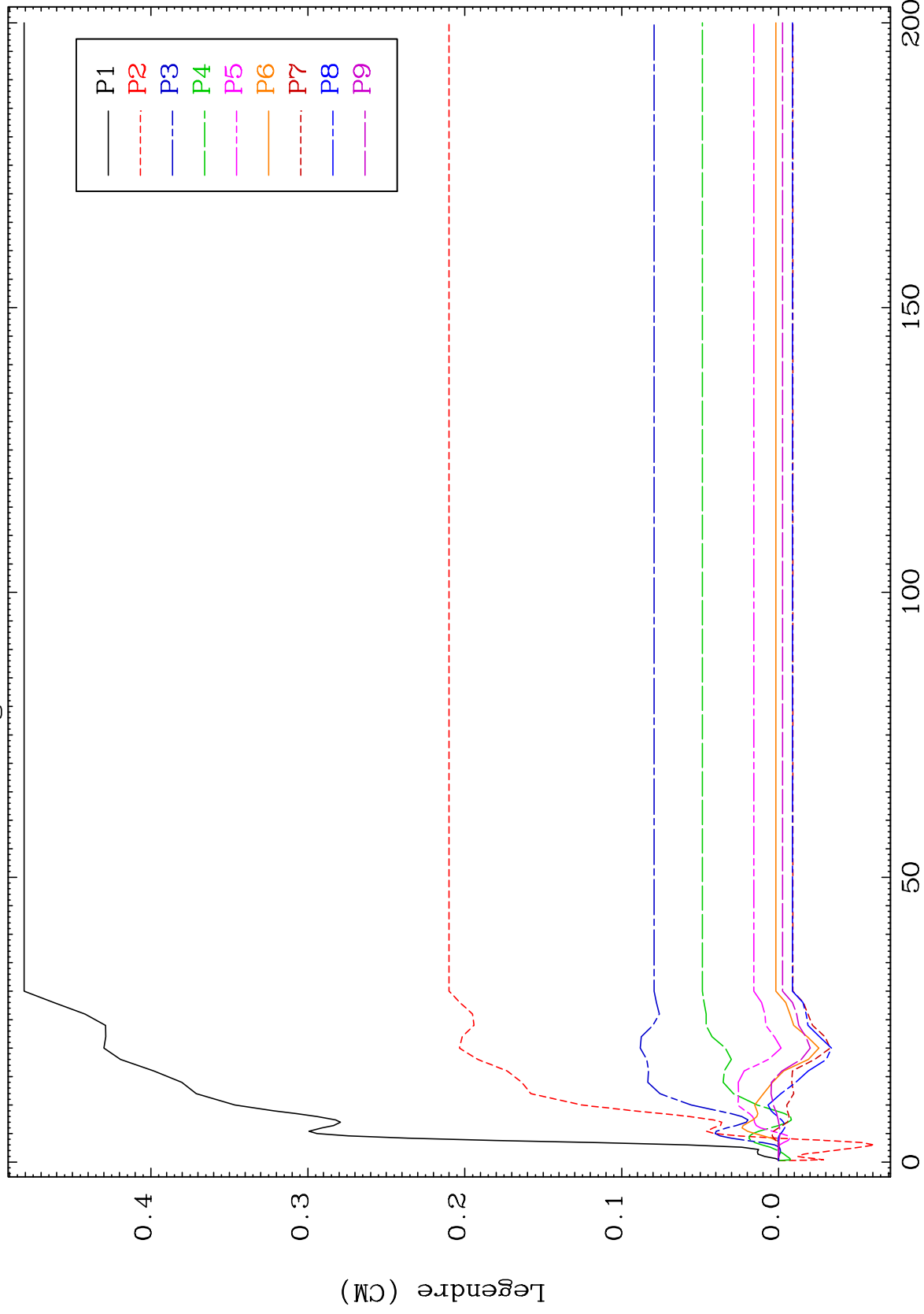




MAT 6273

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

62-Sm-160



24

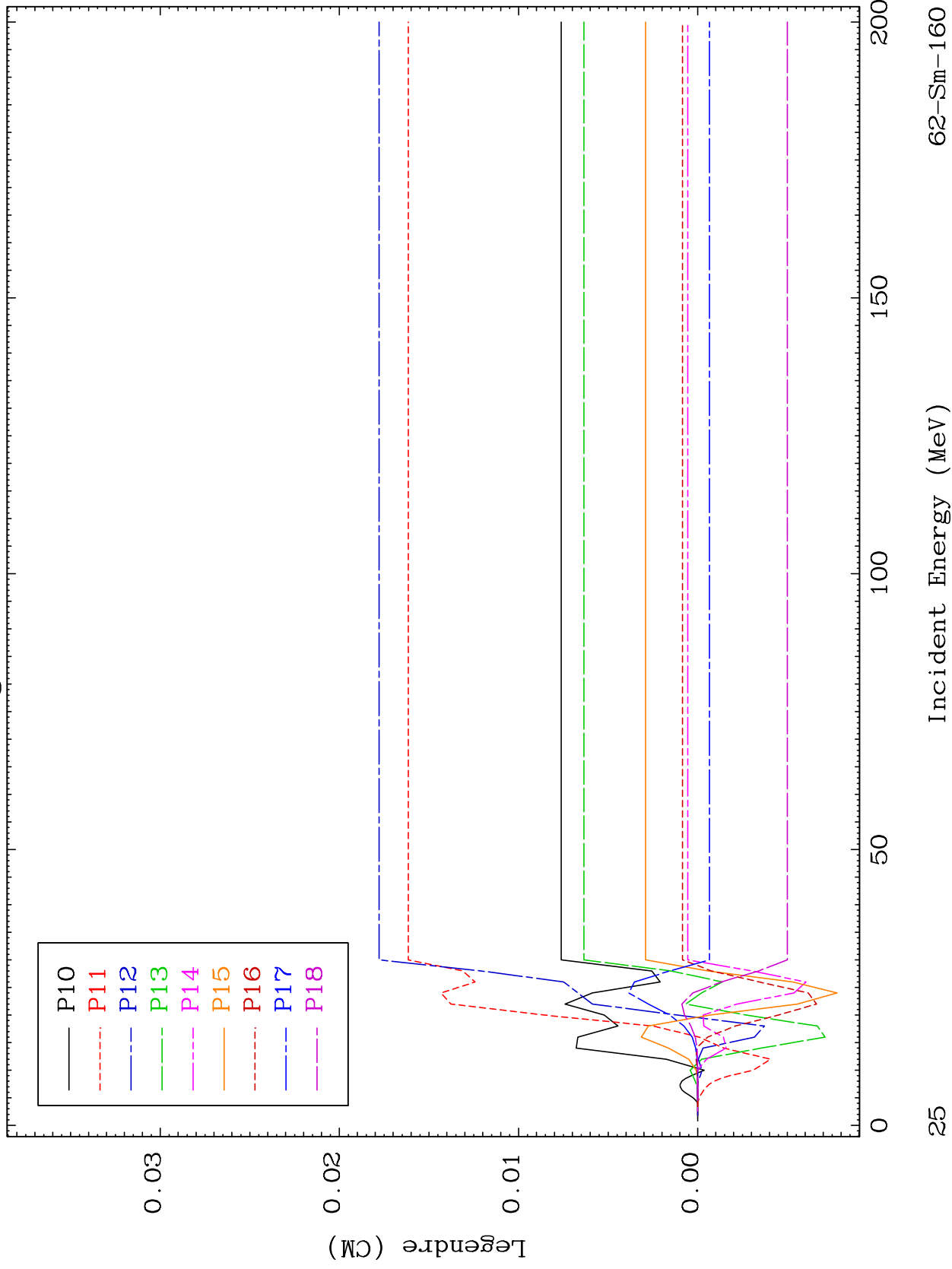
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



62-Sm-160

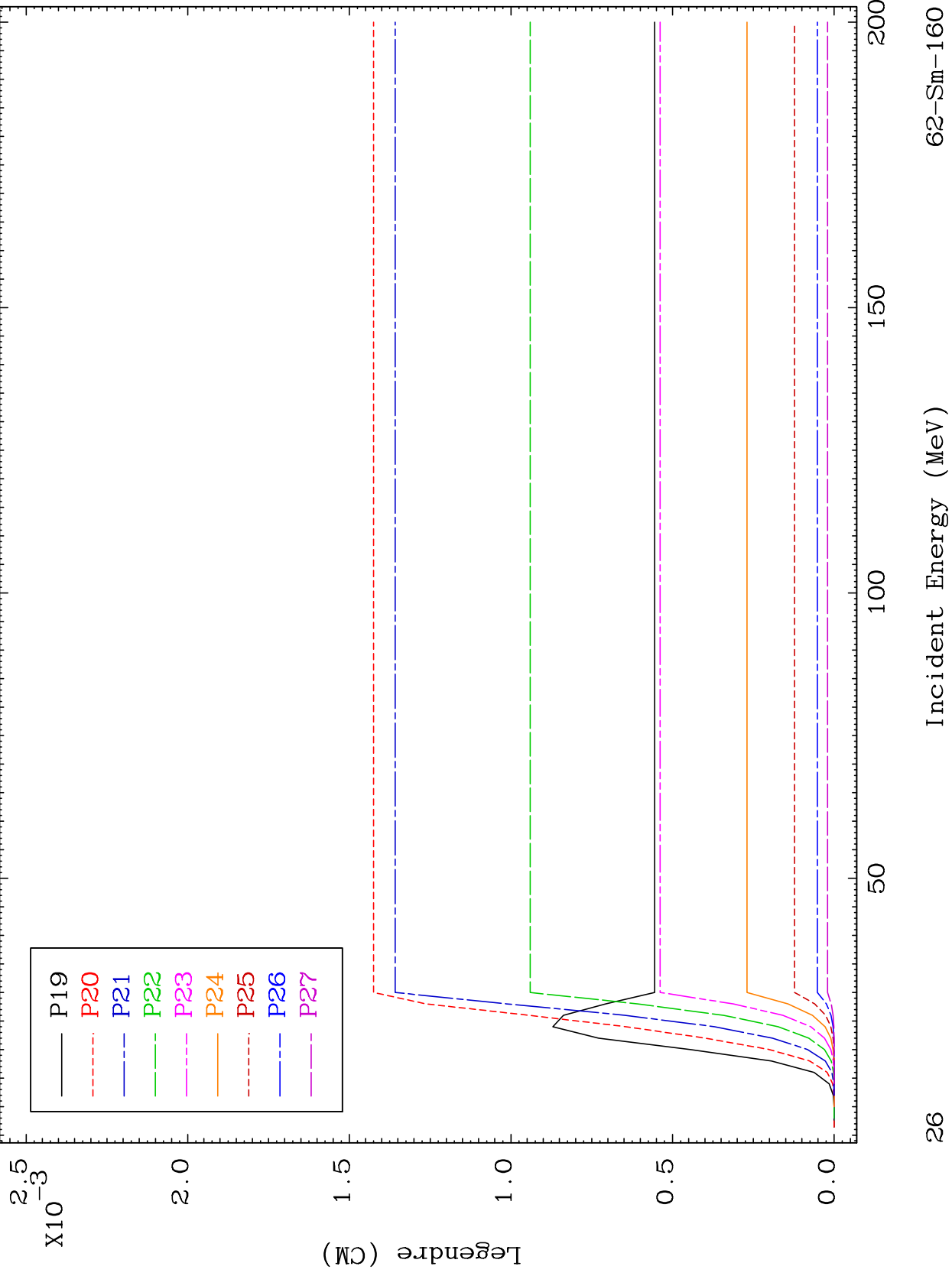
Incident Energy (MeV)

25

MAT 6273

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

62-Sm-160



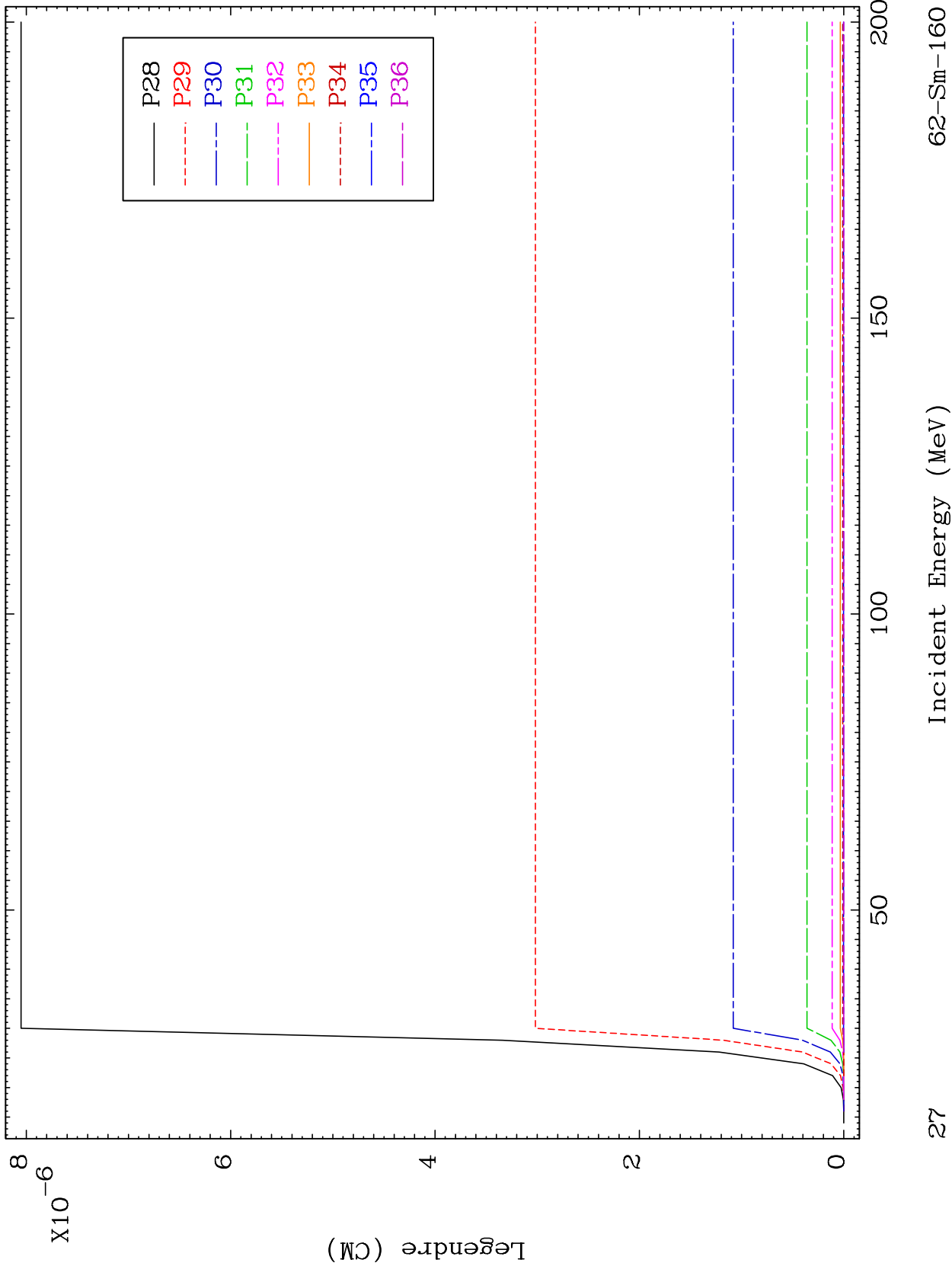
26

62-Sm-160

MAT 6273

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

62-Sm-160



27

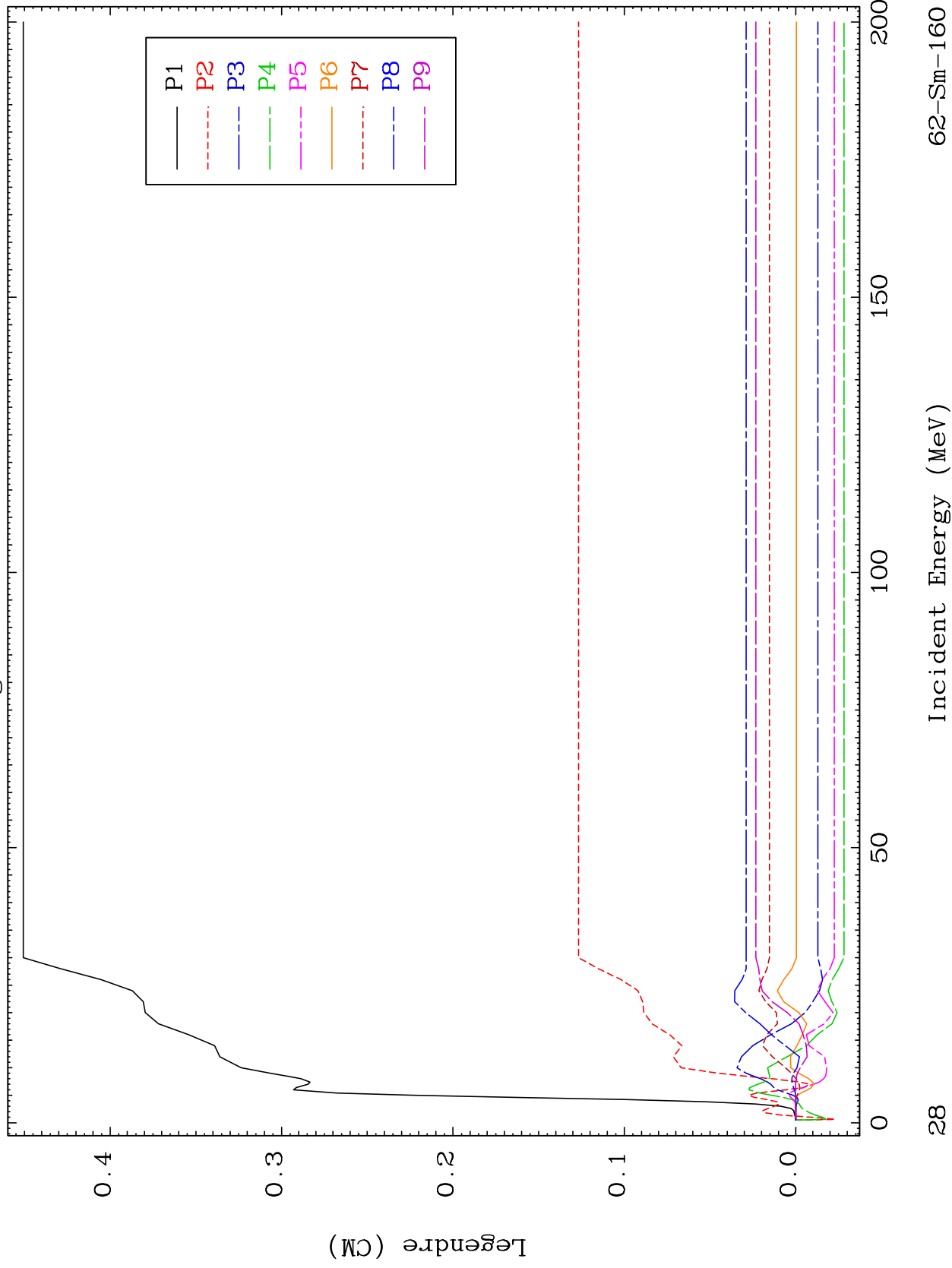
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



62-Sm-160

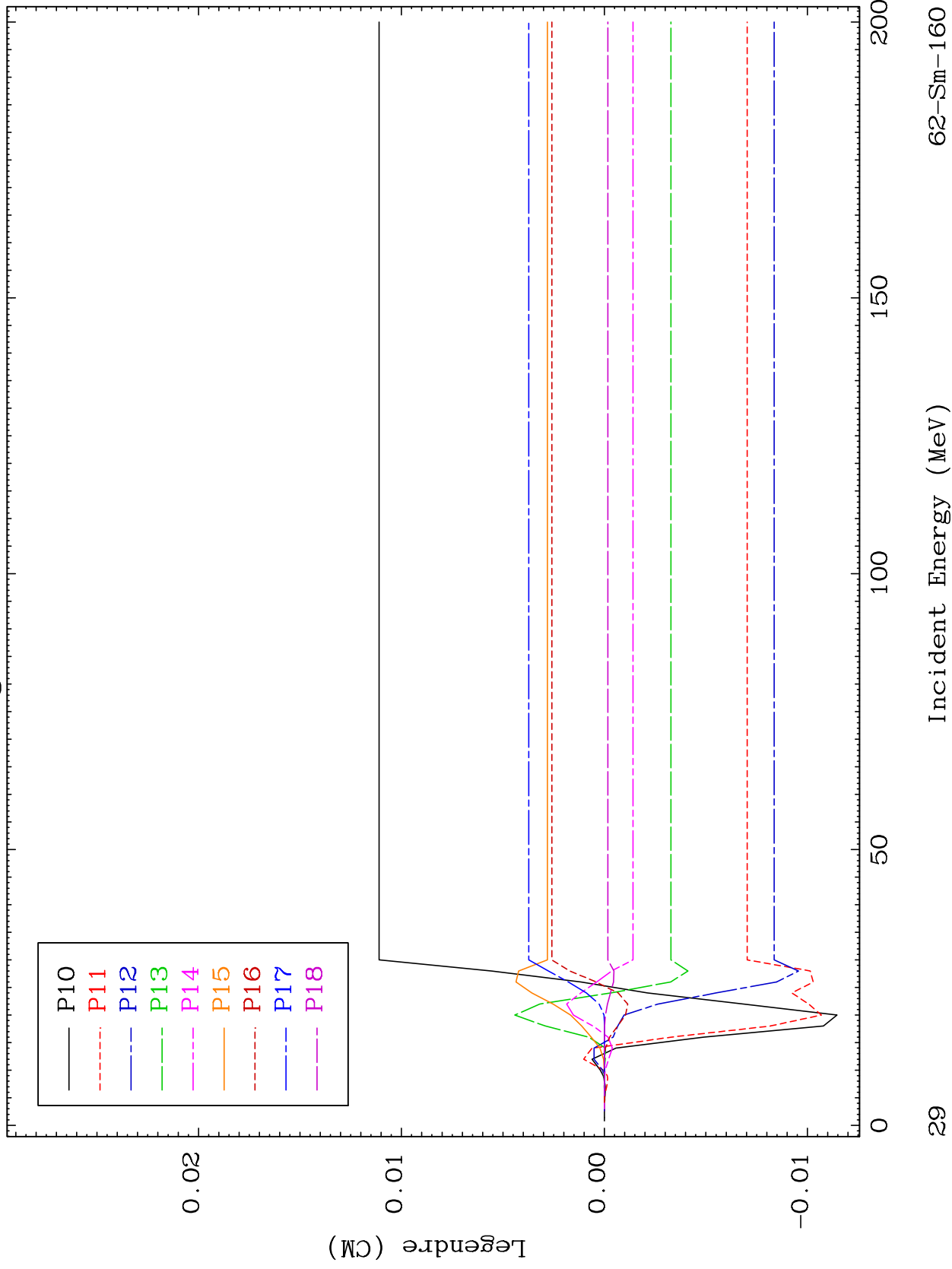
Incident Energy (MeV)

28

MAT 6273

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

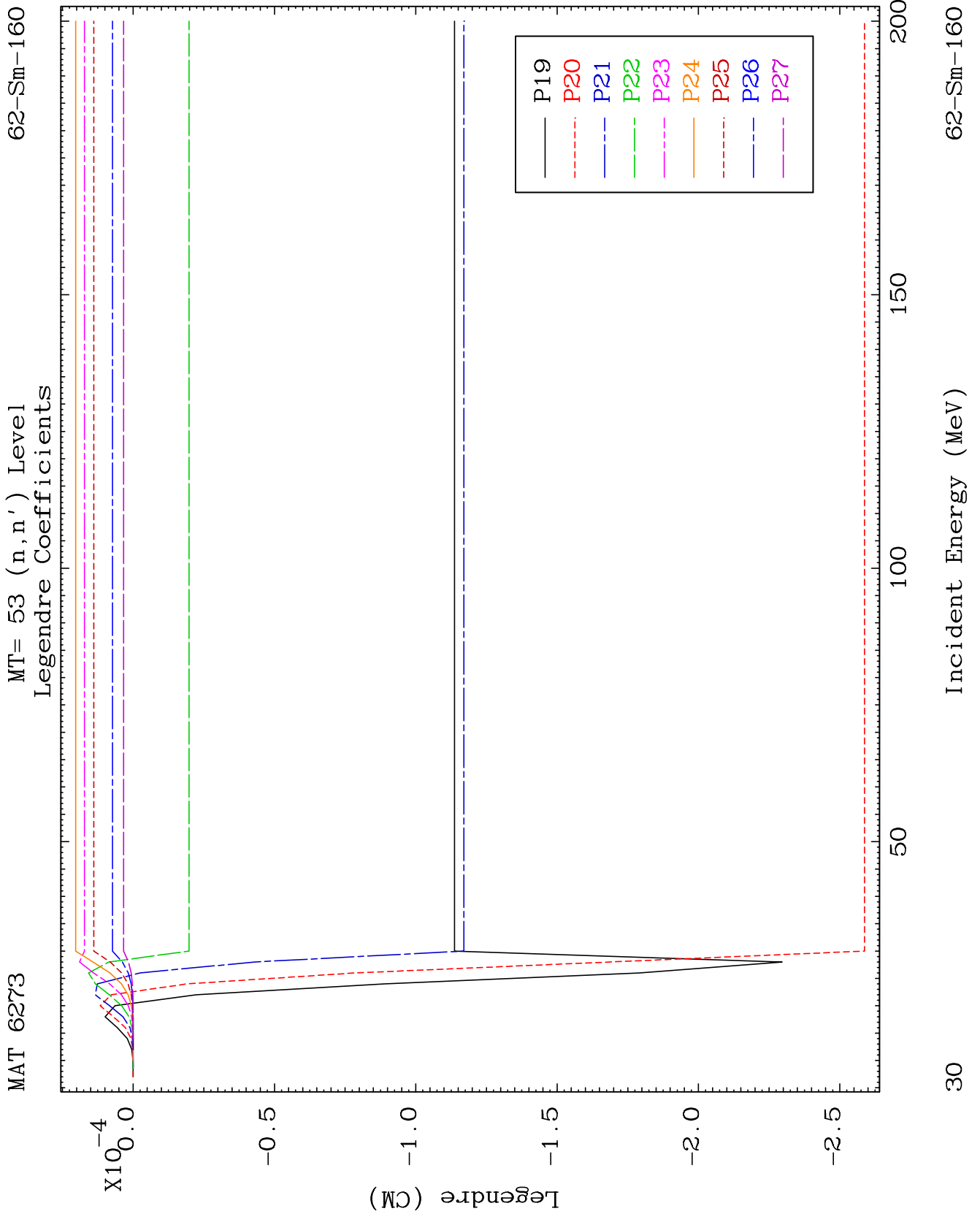
62-Sm-160



29

Incident Energy (MeV)

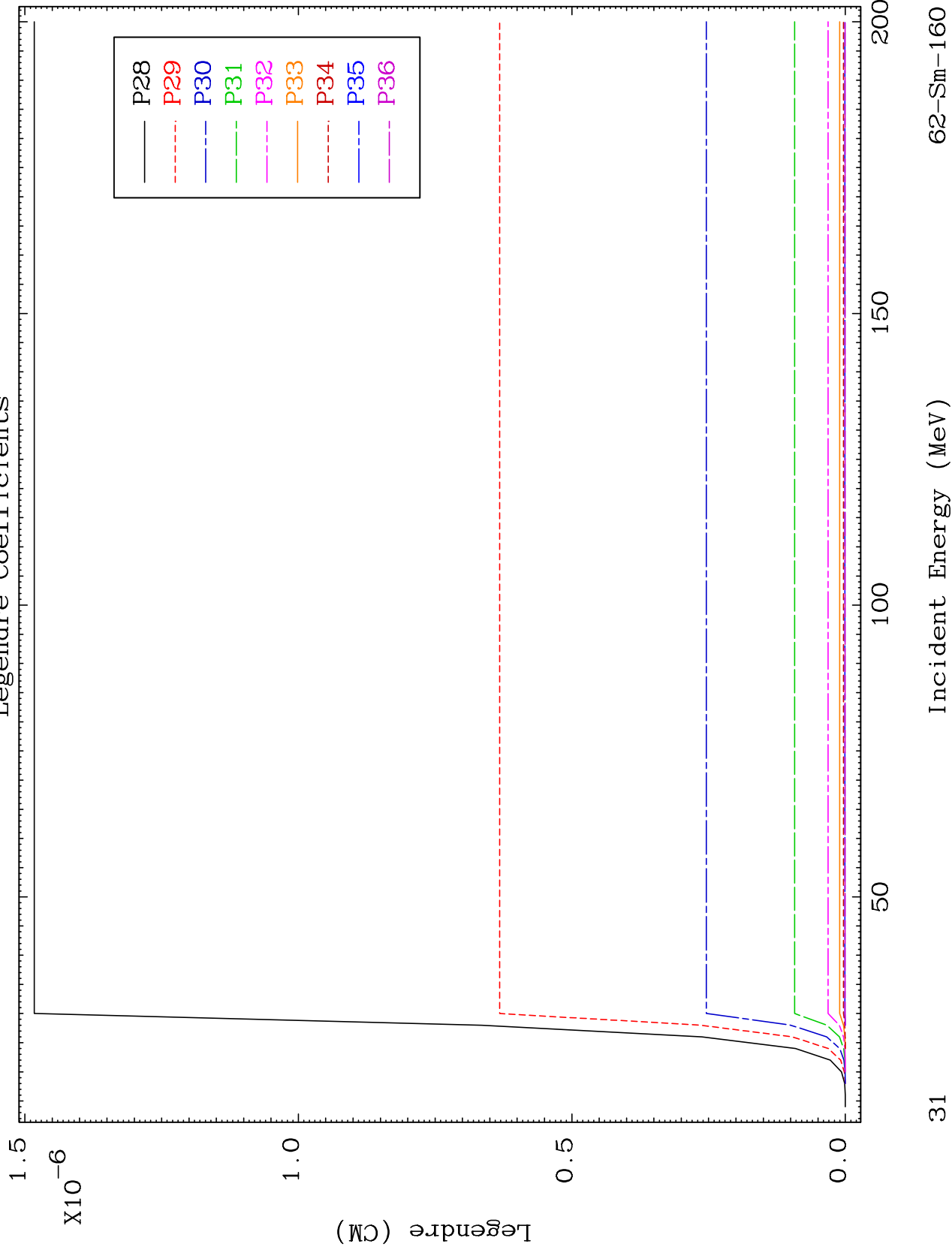
62-Sm-160



MAT 6273

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

62-Sm-160



31

Incident Energy (MeV)

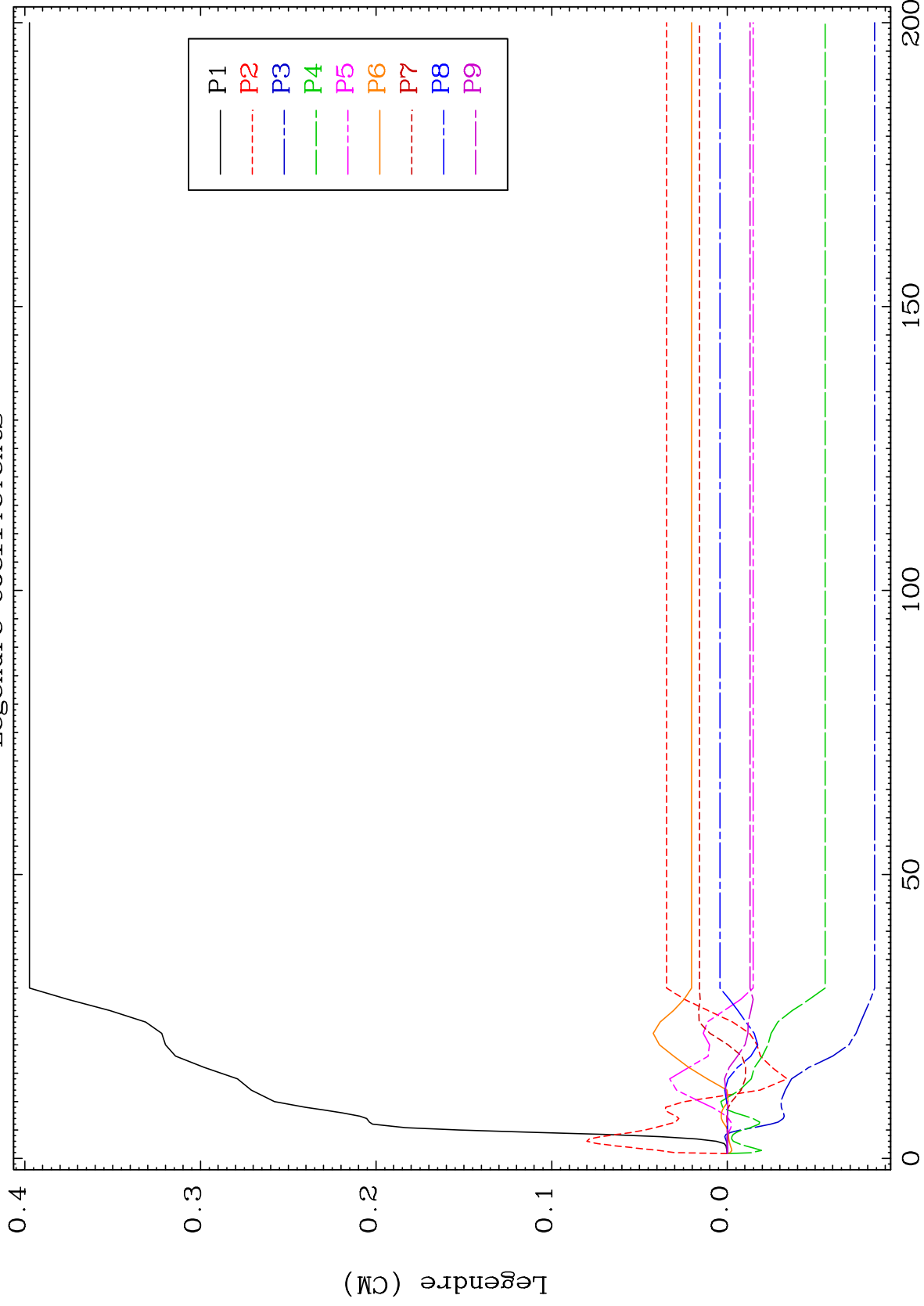
62-Sm-160



MAT 6273

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

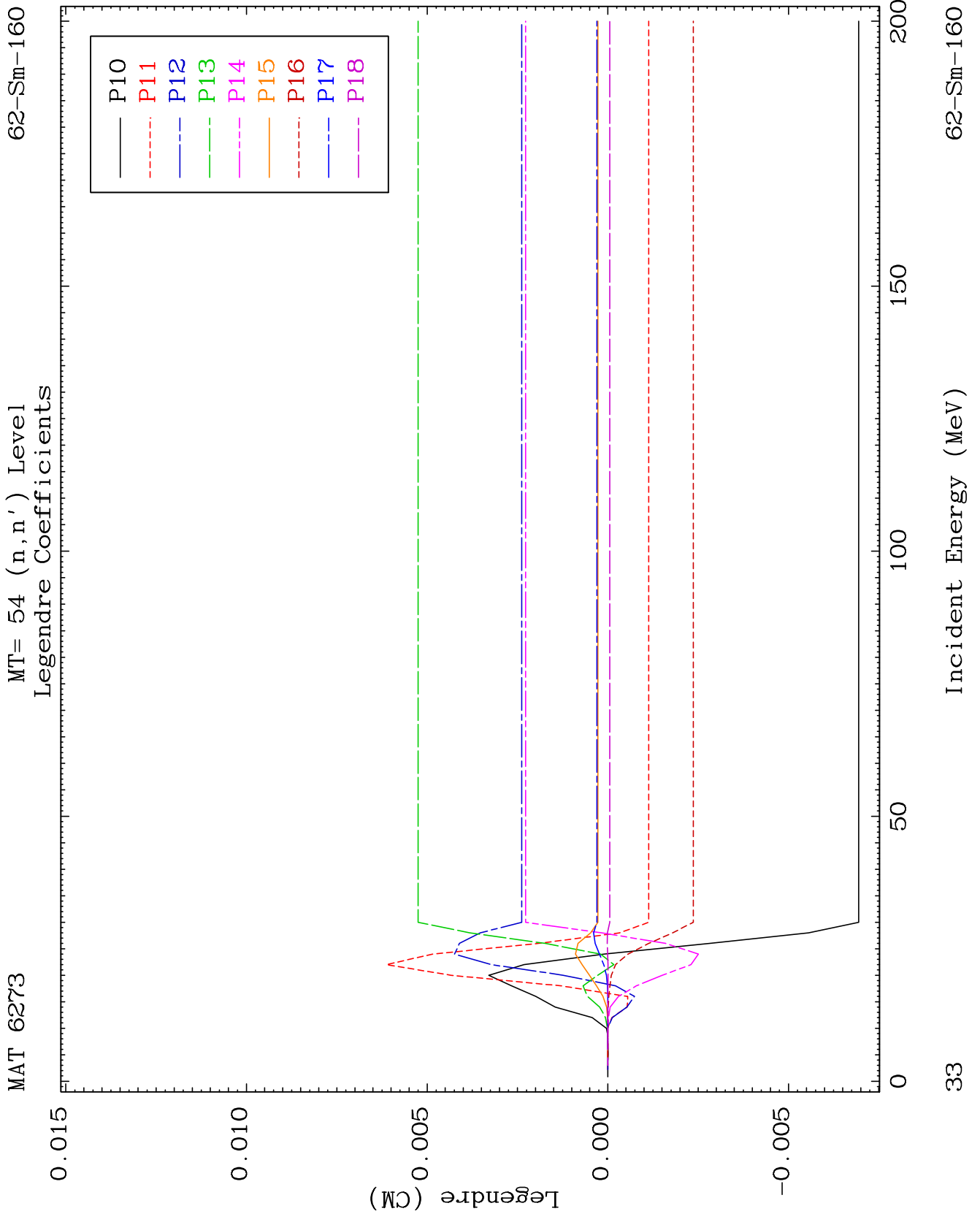
62-Sm-160



62-Sm-160

Incident Energy (MeV)

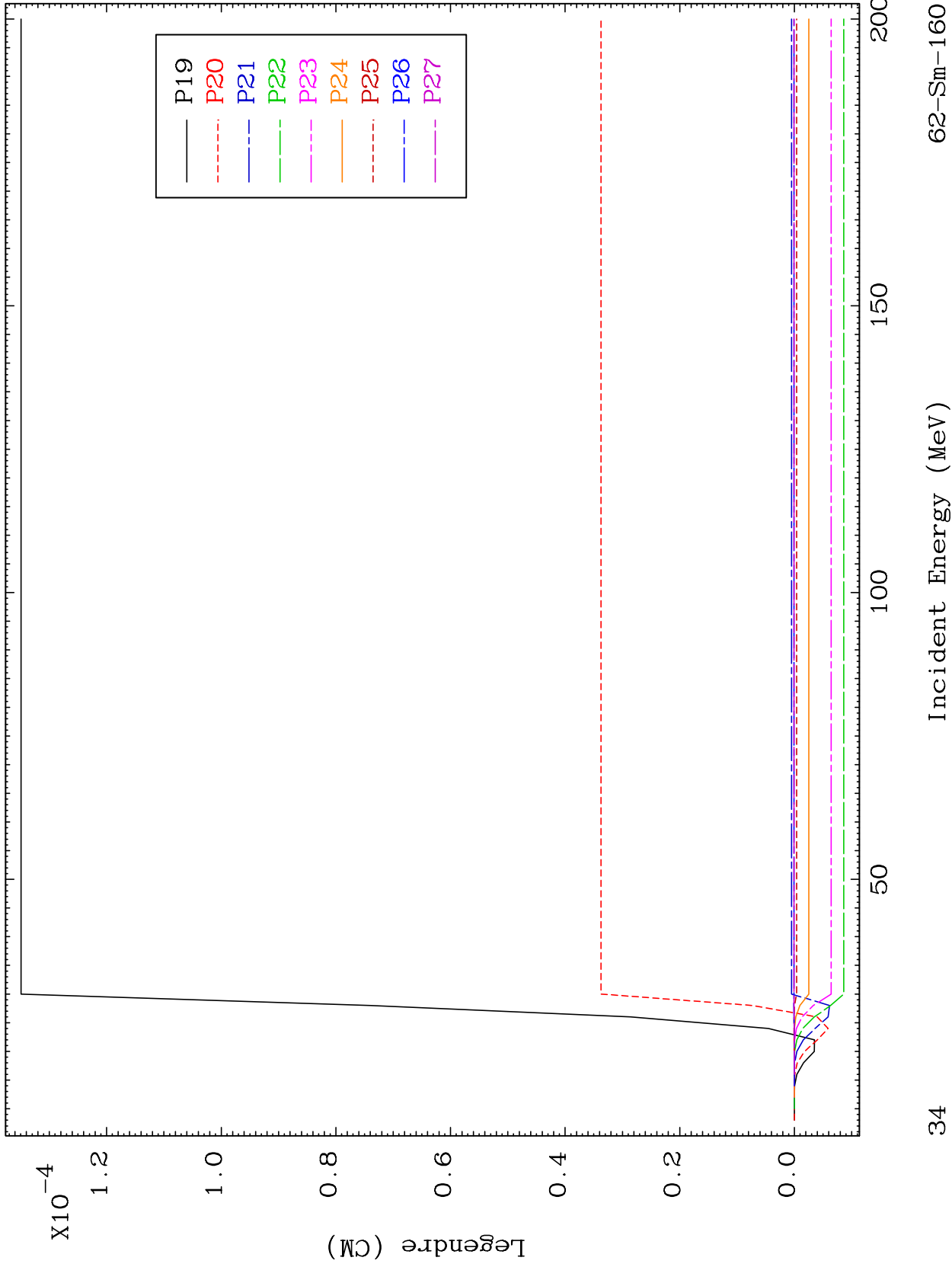
32



MAT 6273

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

62-Sm-160



34

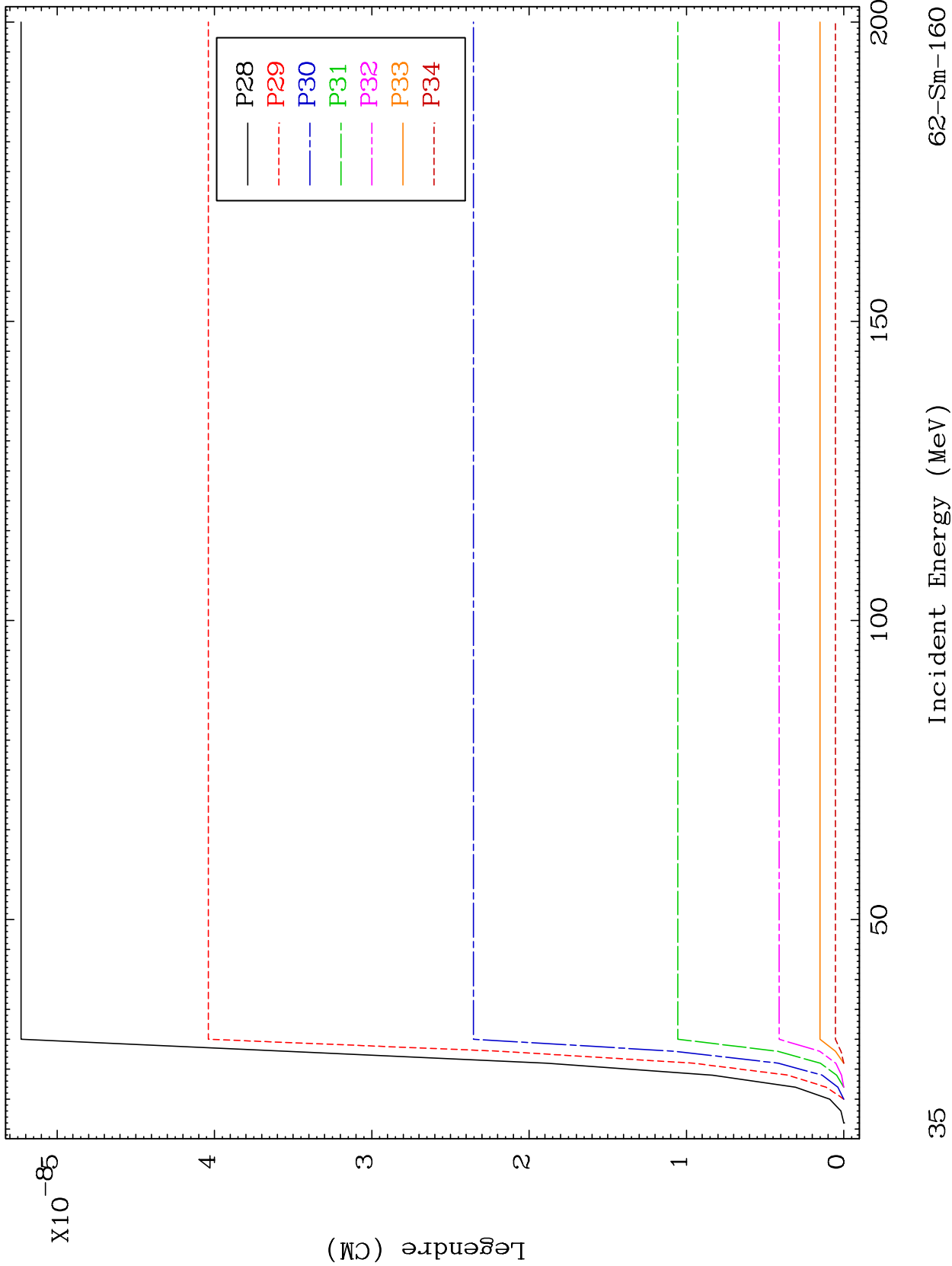
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

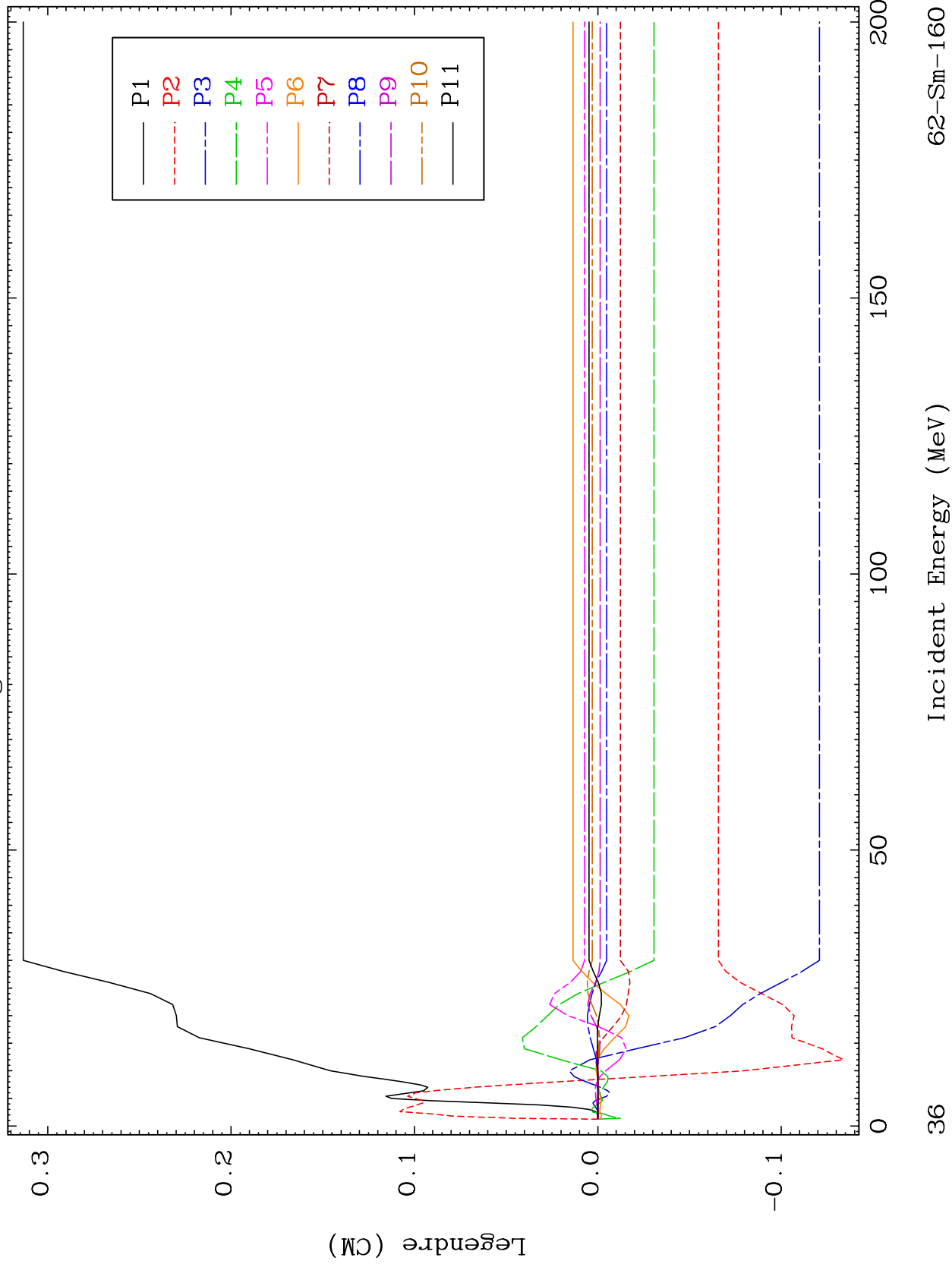
62-Sm-160



MAT 6273

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

62-Sm-160



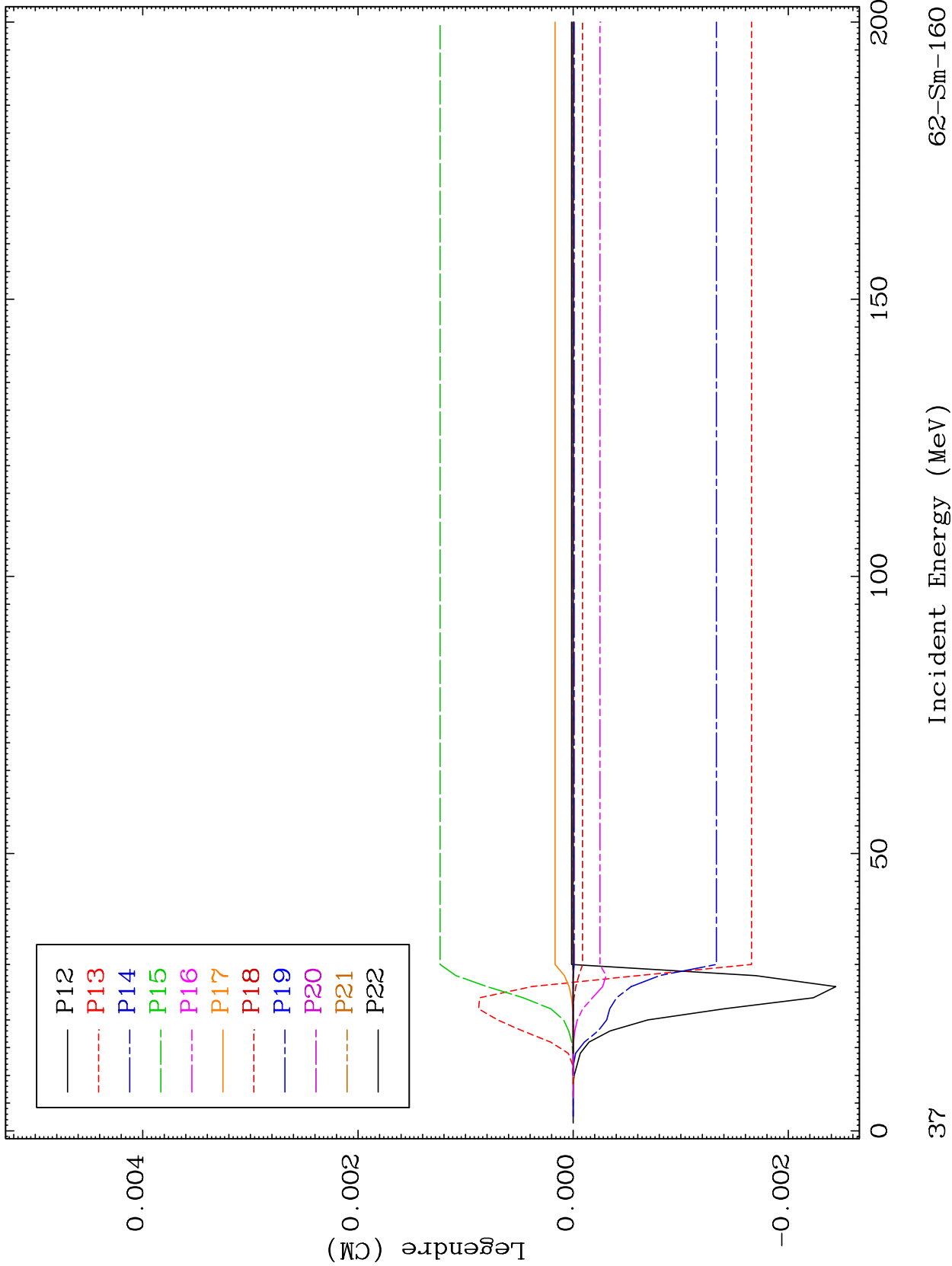
36

62-Sm-160

MAT 6273

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

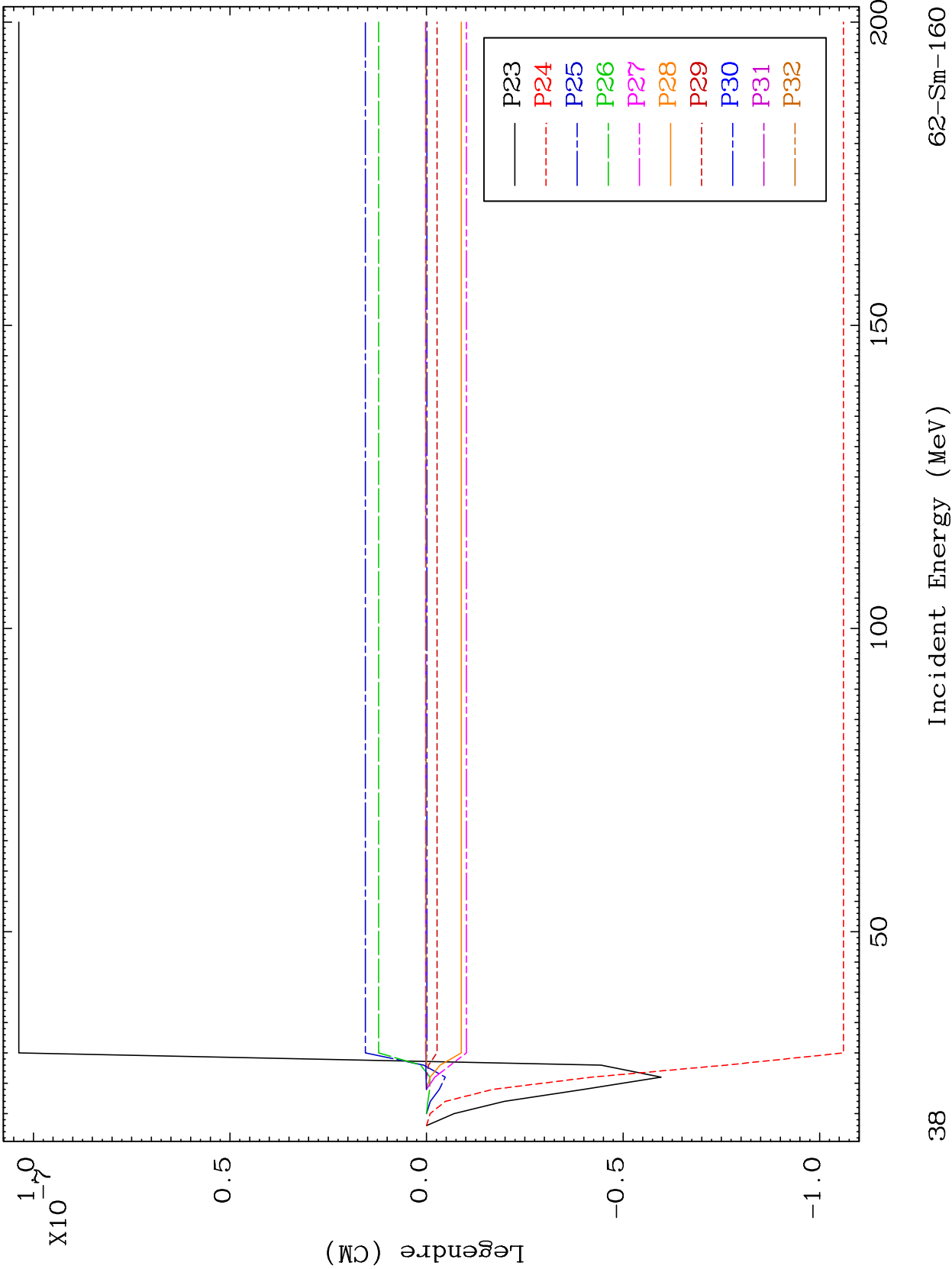
62-Sm-160



37

Incident Energy (MeV)

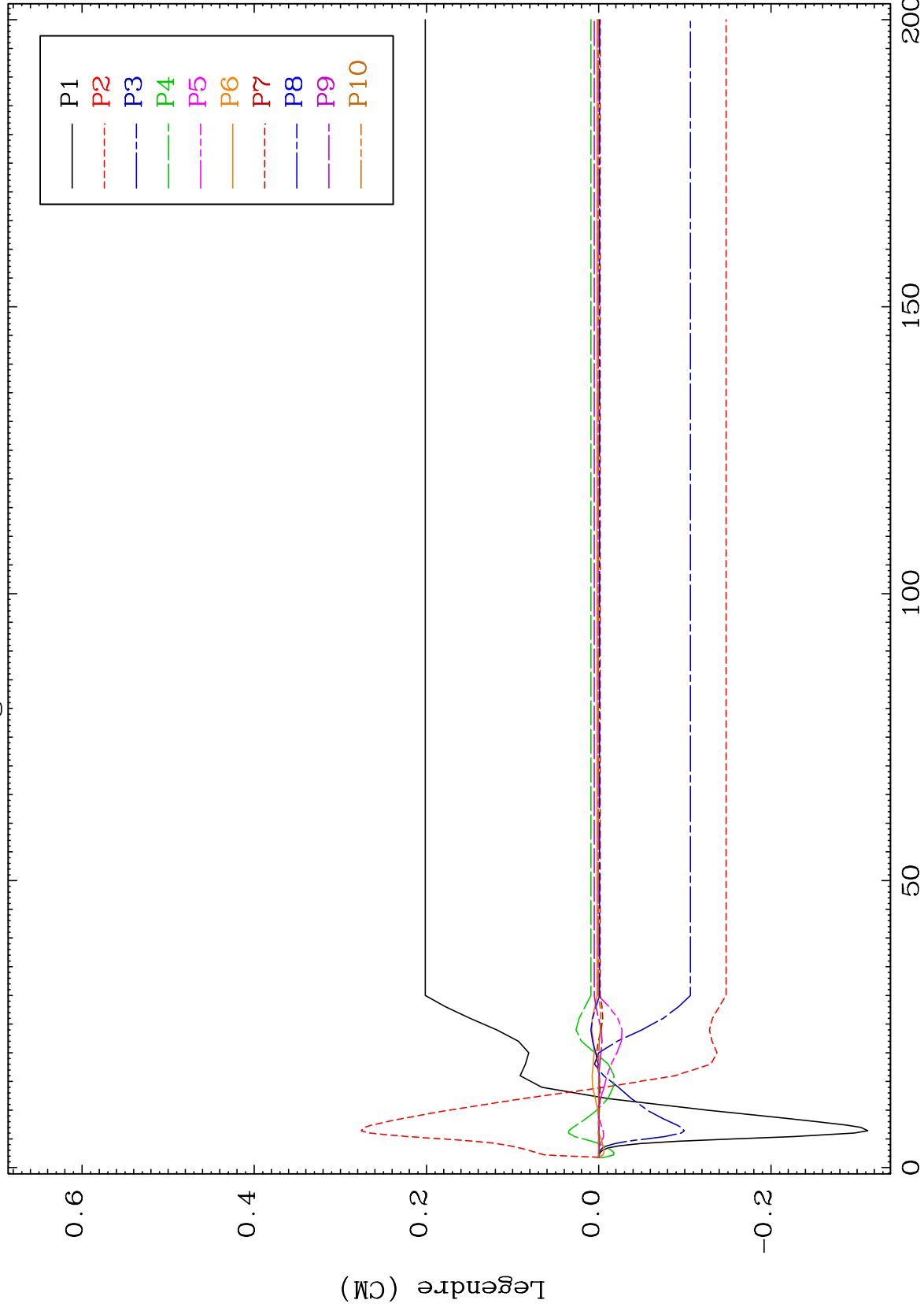
62-Sm-160



MAT 6273

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

62-Sm-160



39

Incident Energy (MeV)

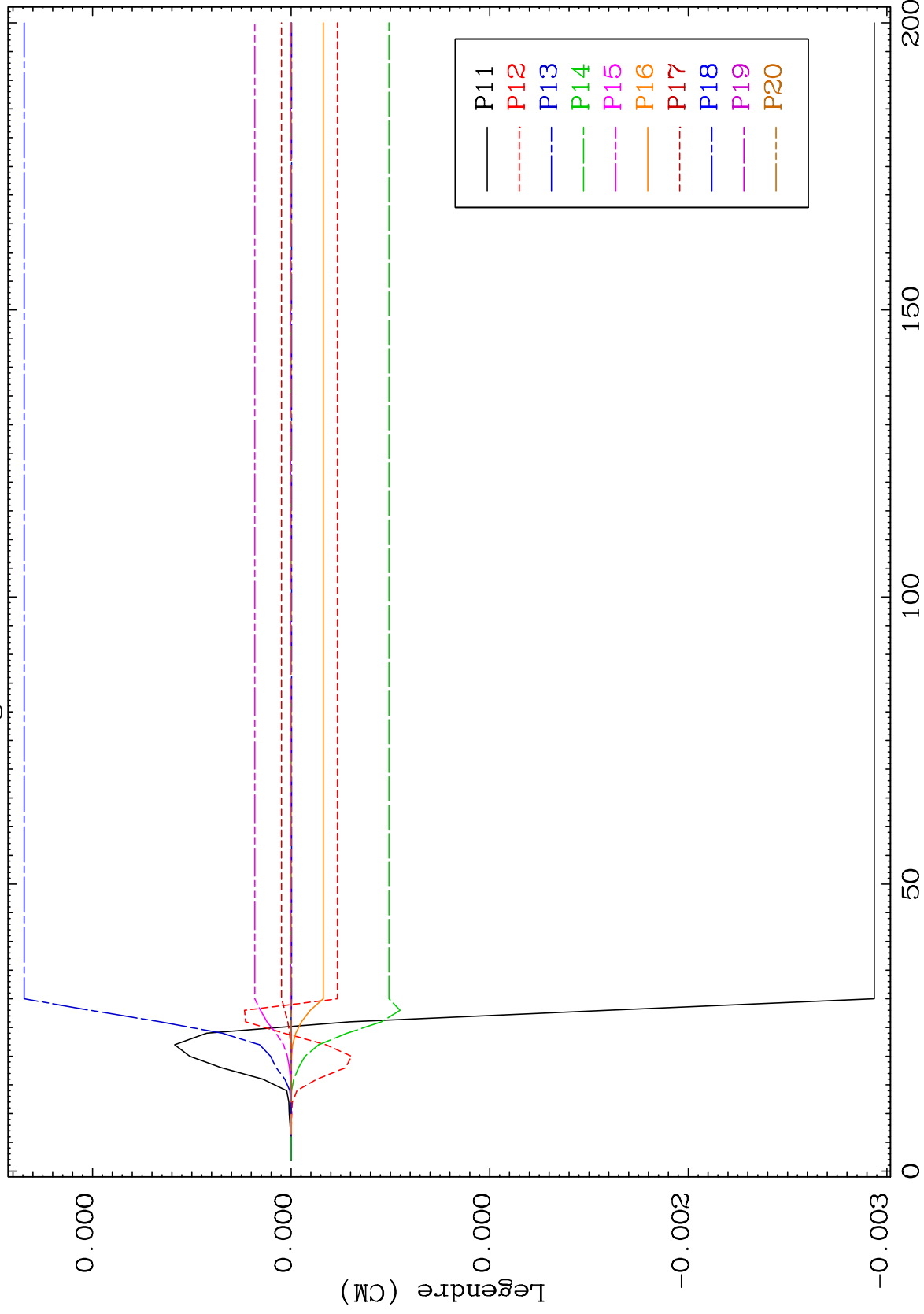
62-Sm-160



MAT 6273

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

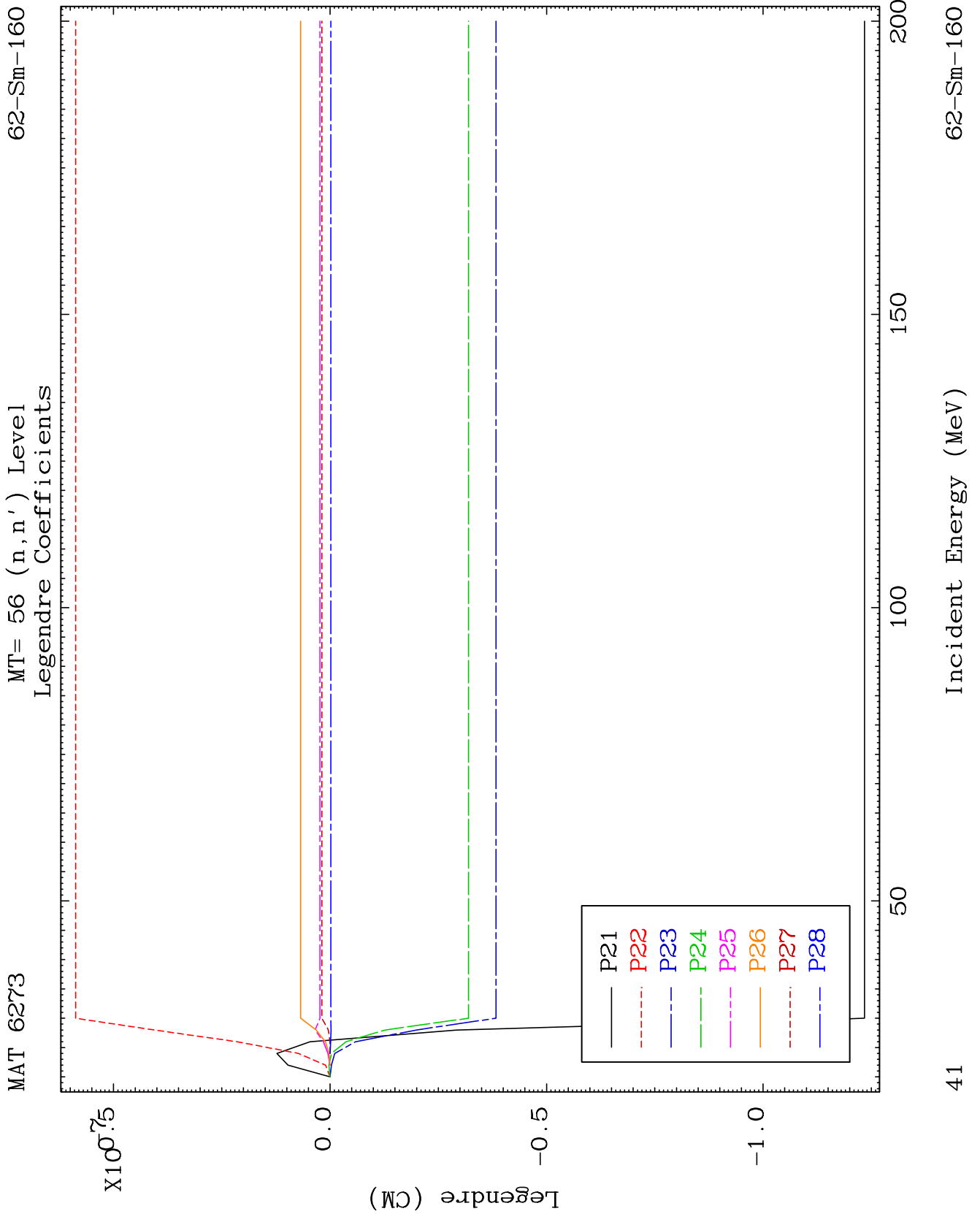
62-Sm-160



40

Incident Energy (MeV)

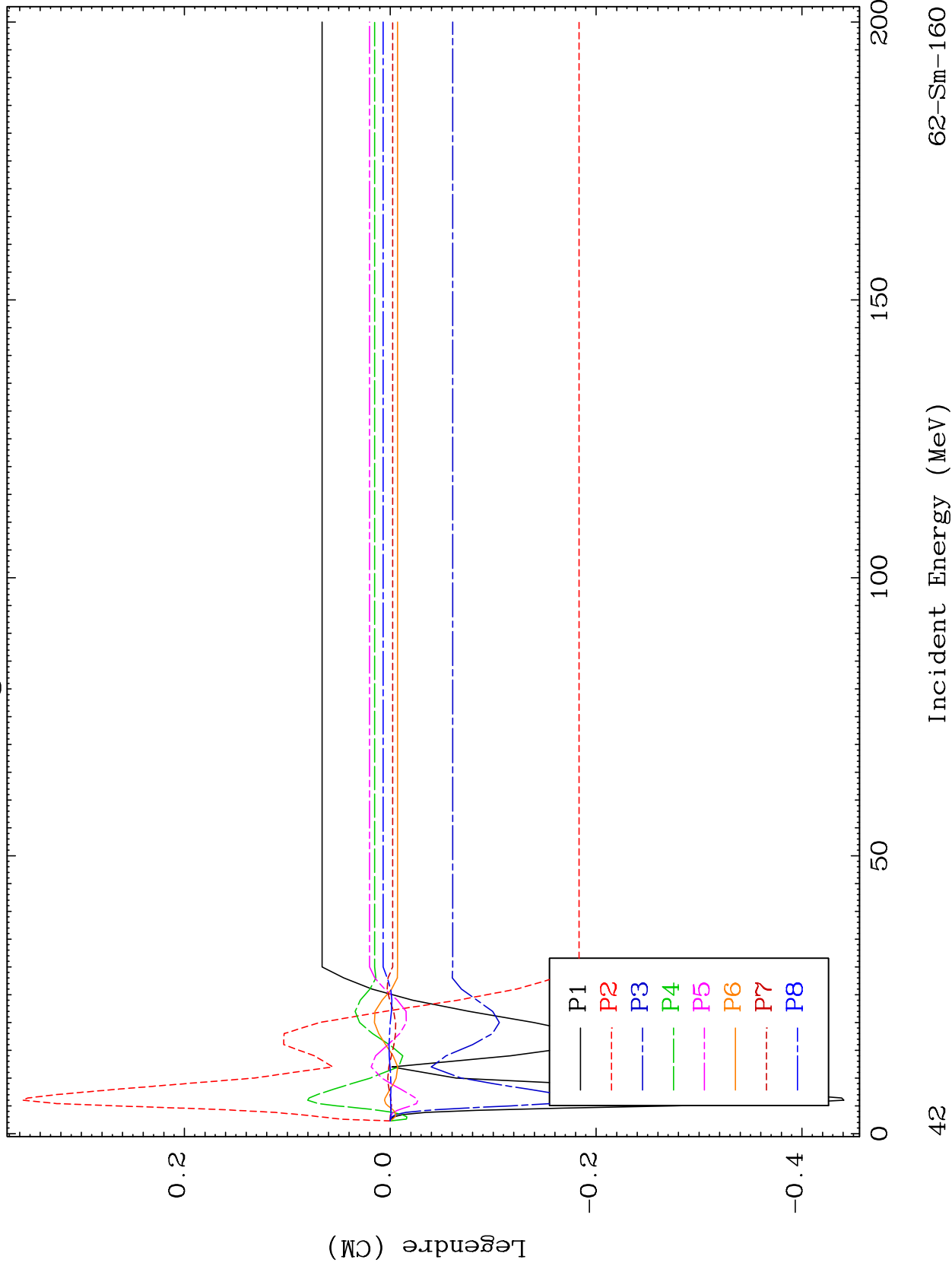
62-Sm-160



MAT 6273

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

62-Sm-160



62-Sm-160

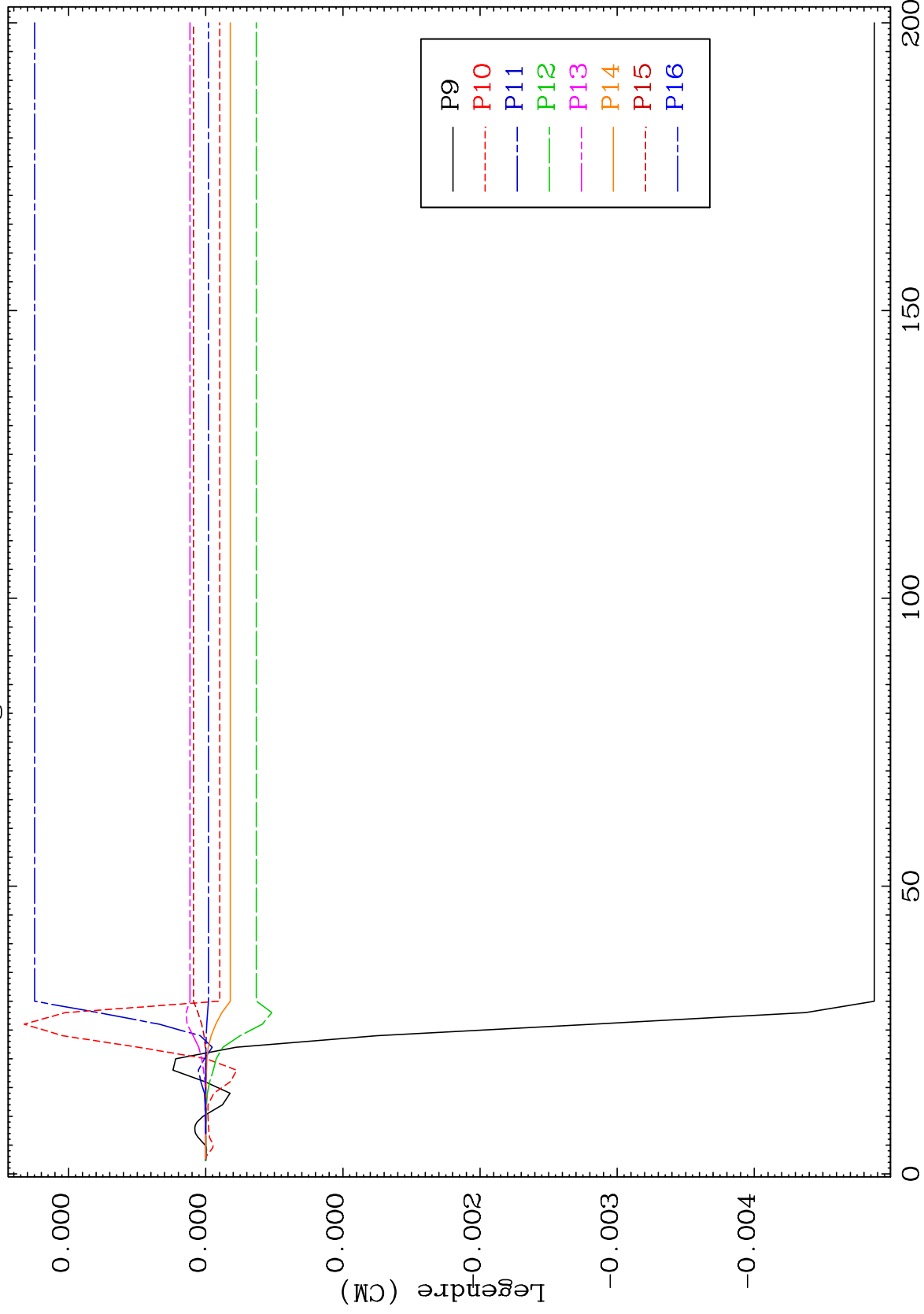
Incident Energy (MeV)

42

MAT 6273

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

62-Sm-160



43

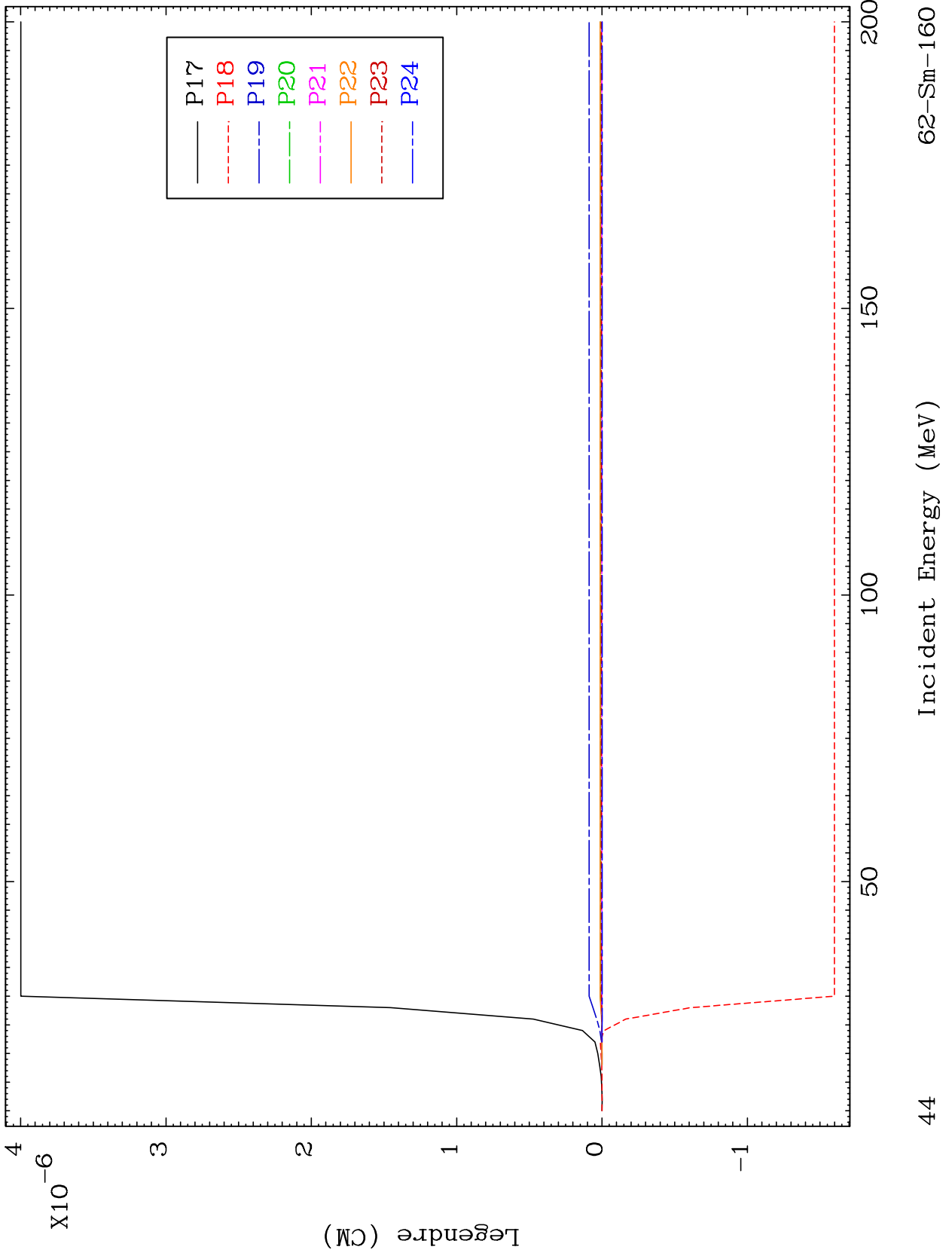
Incident Energy (MeV)

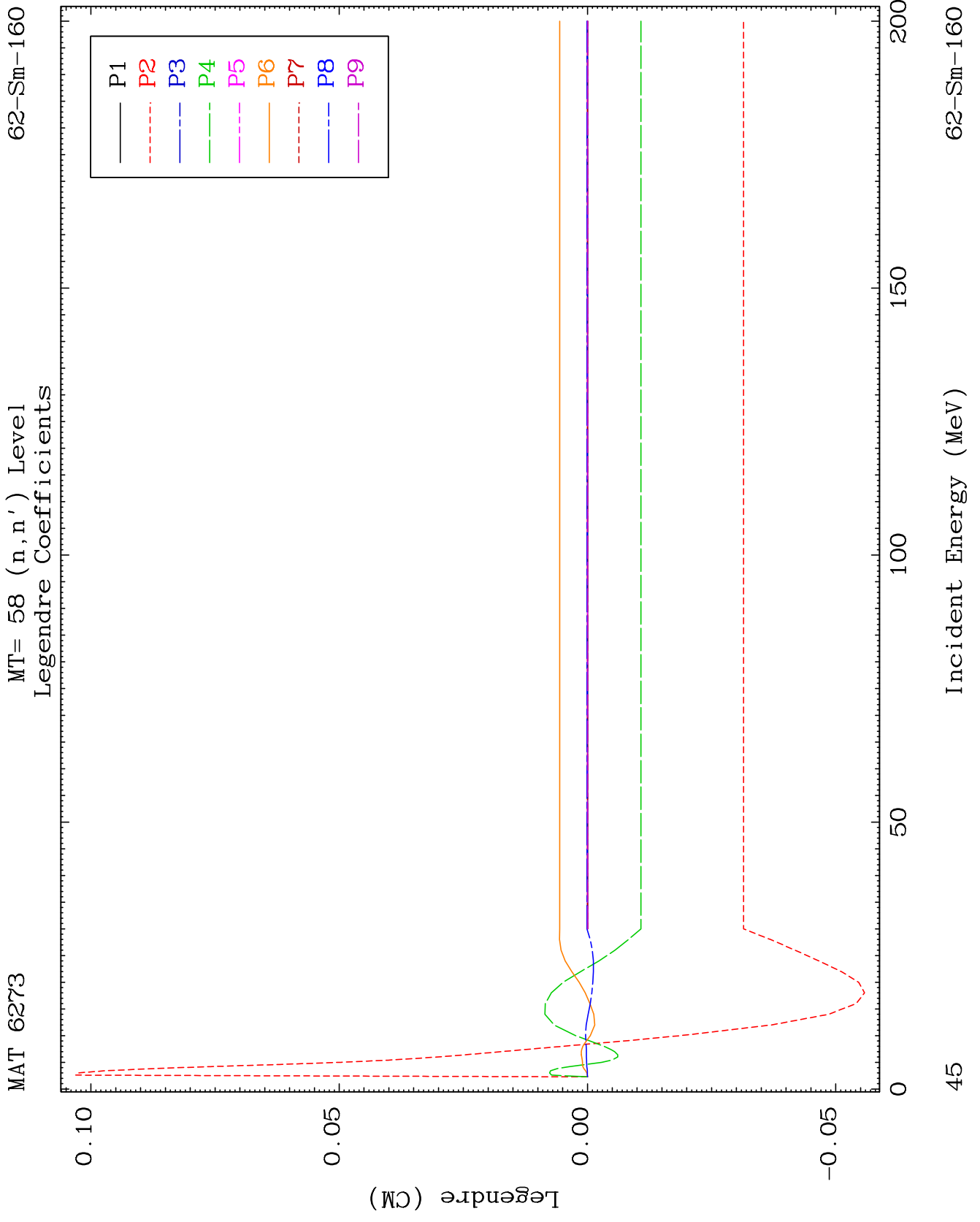
62-Sm-160

MAT 6273

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

62-Sm-160

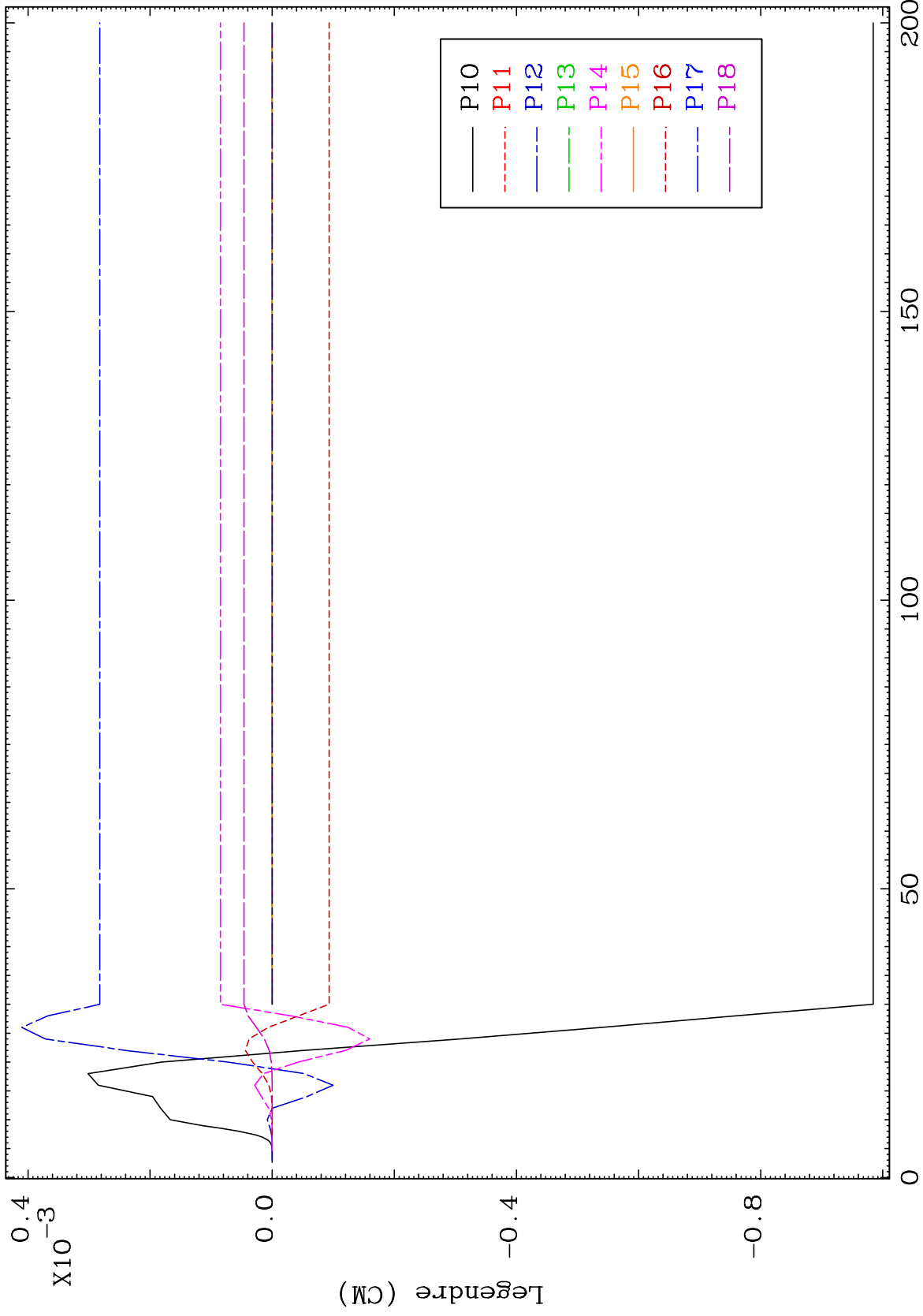




MAT 6273

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

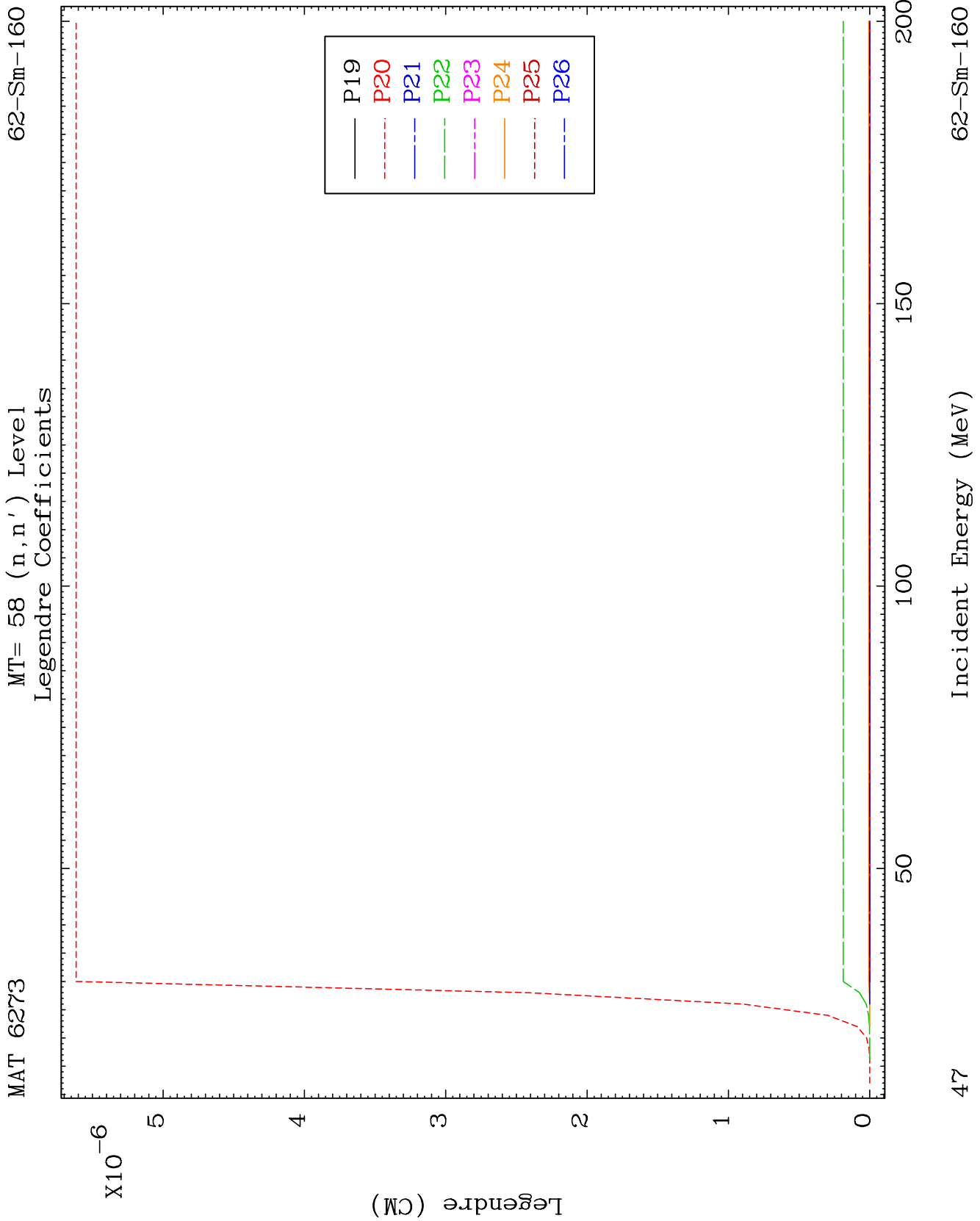
62-Sm-160



46

Incident Energy (MeV)

62-Sm-160

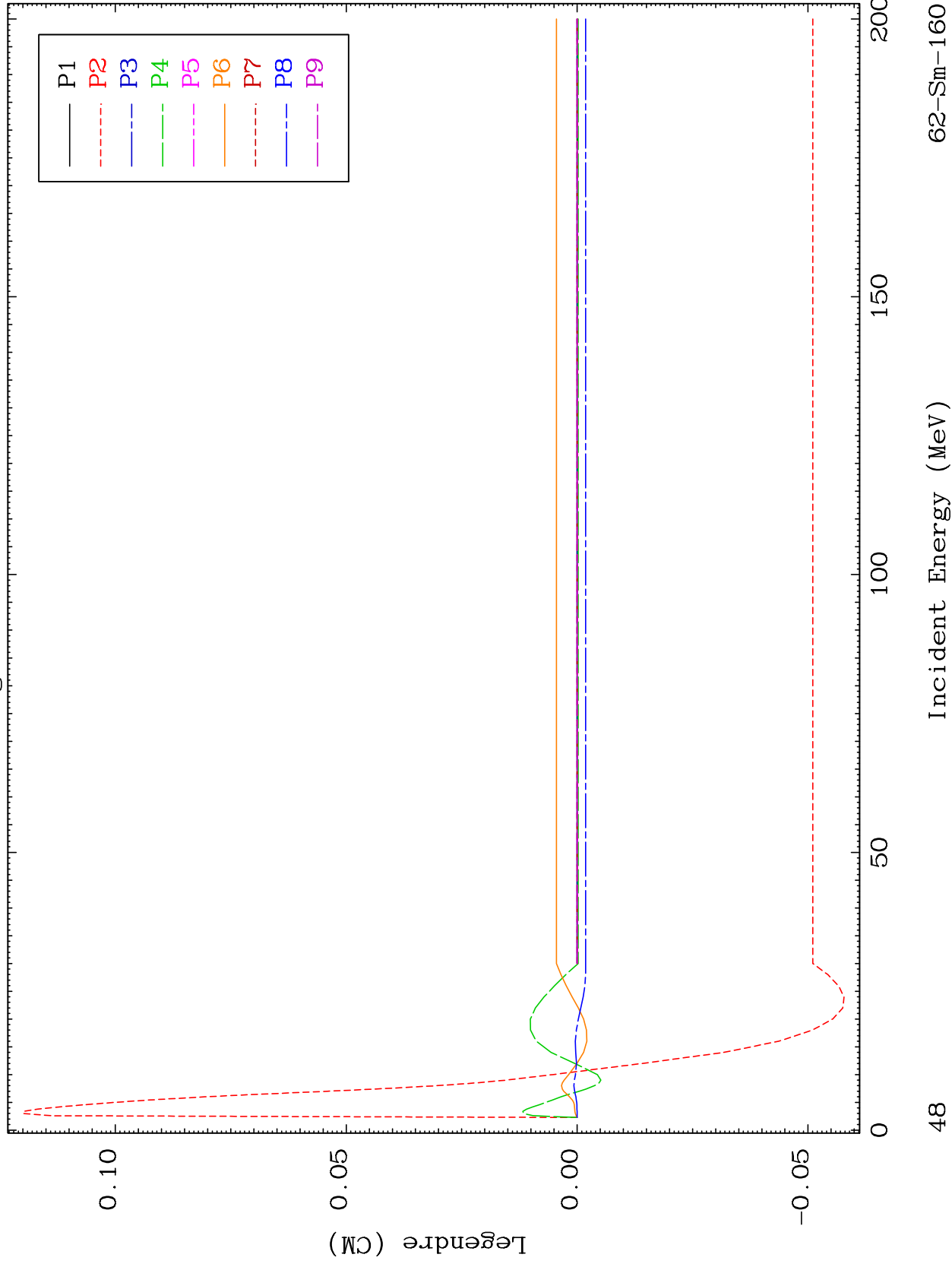




MAT 6273

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

62-Sm-160



62-Sm-160

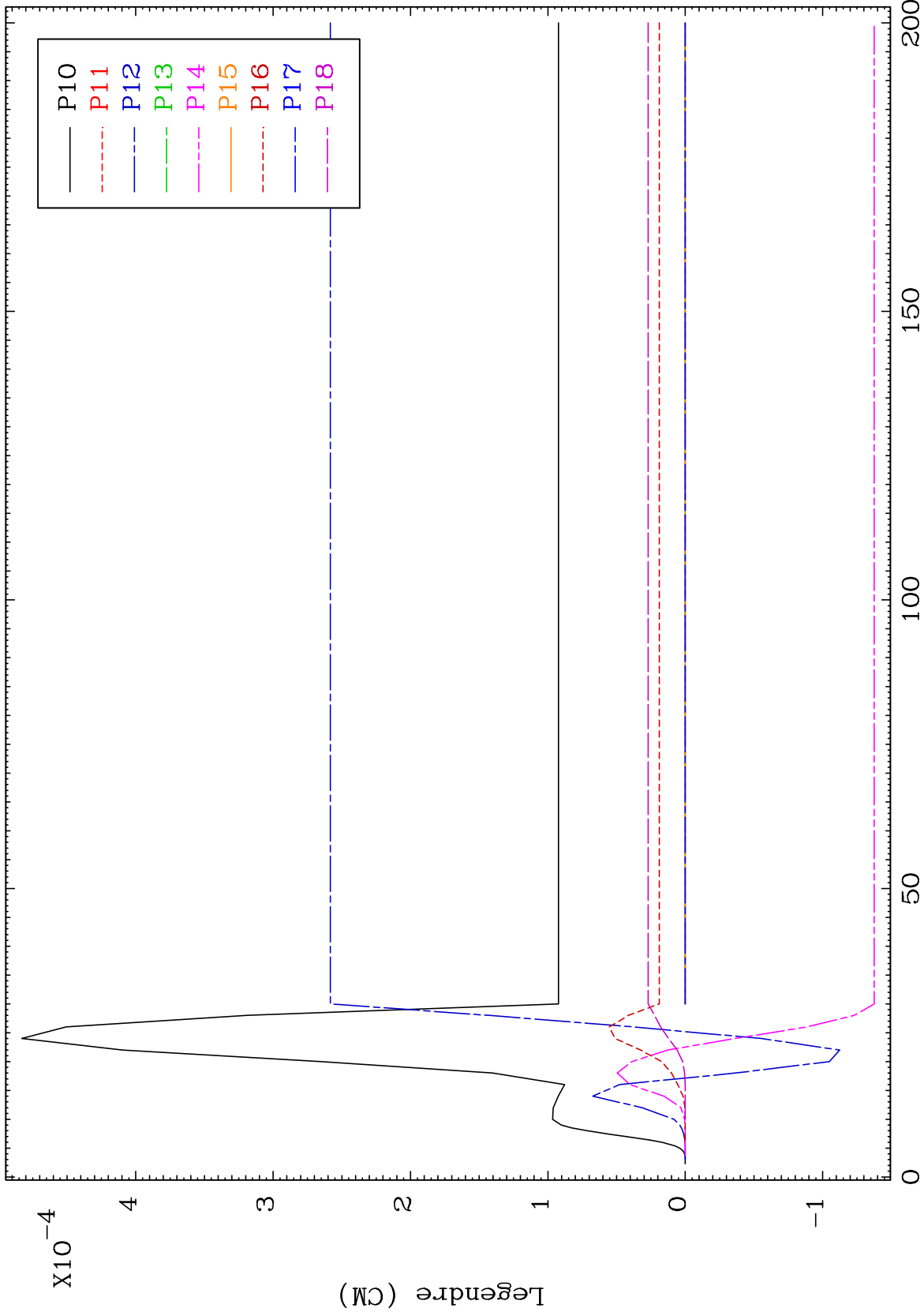
Incident Energy (MeV)

48

MAT 6273

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

62-Sm-160

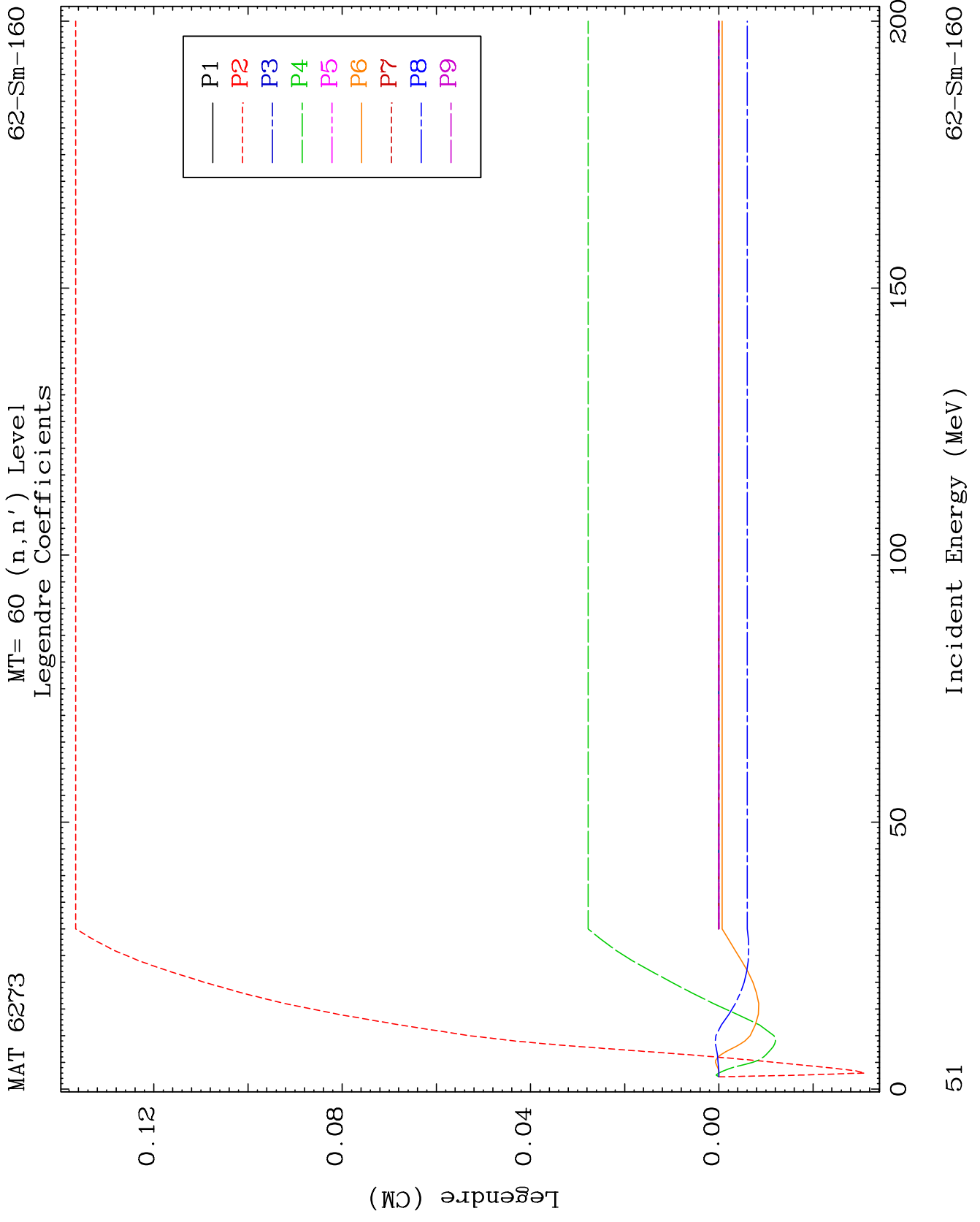


49

Incident Energy (MeV)

62-Sm-160

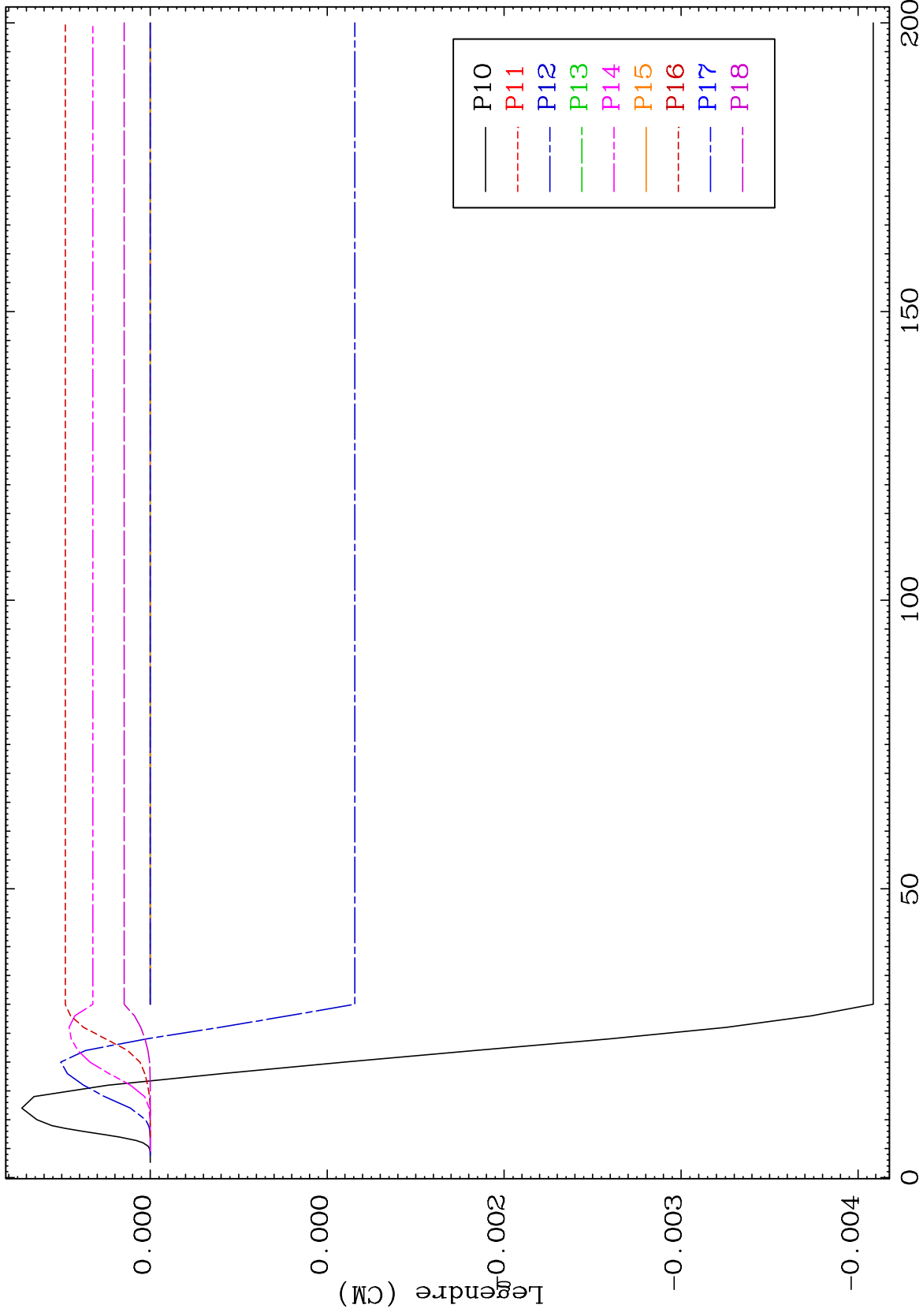




MAT 6273

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

62-Sm-160

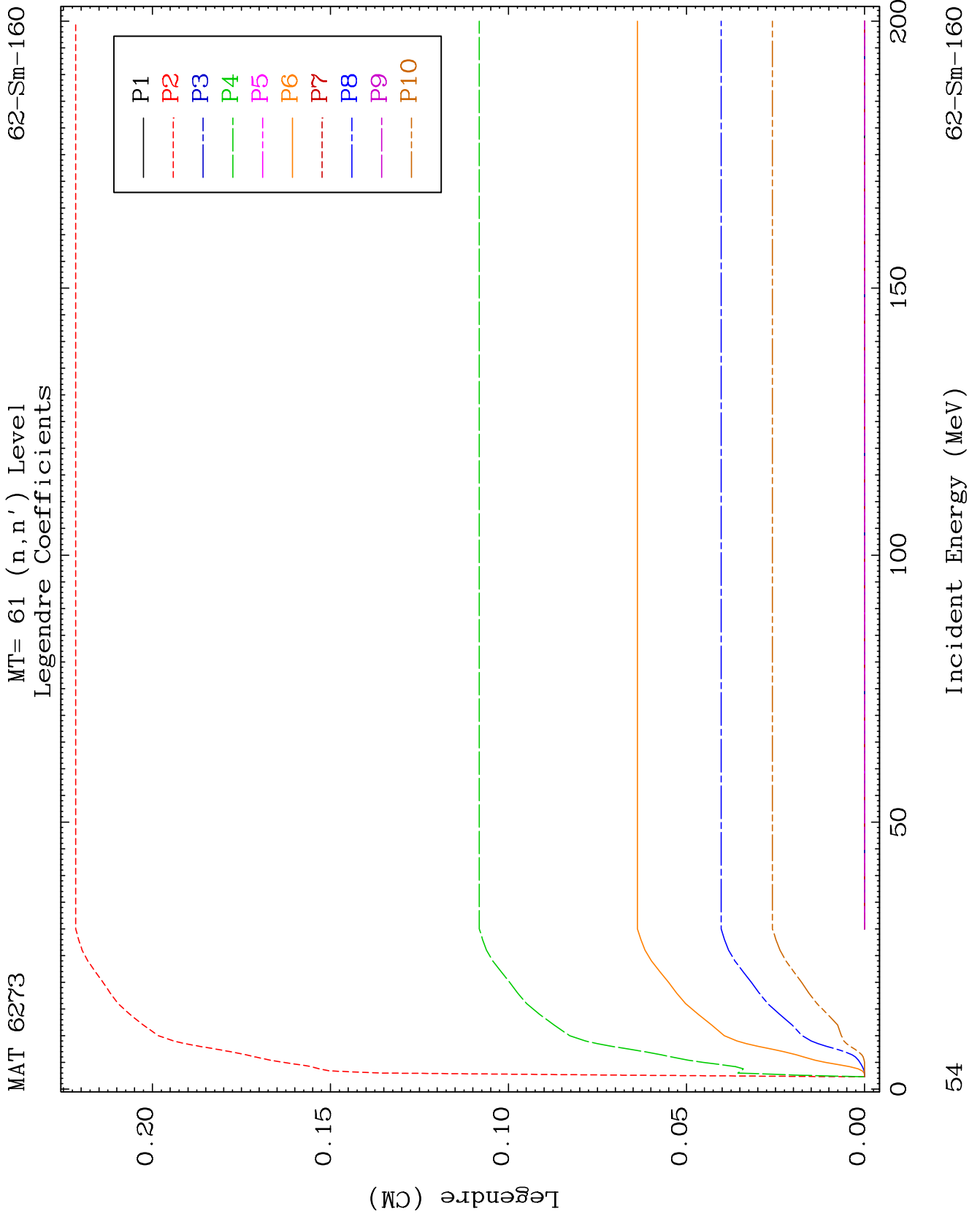


52

Incident Energy (MeV)

62-Sm-160

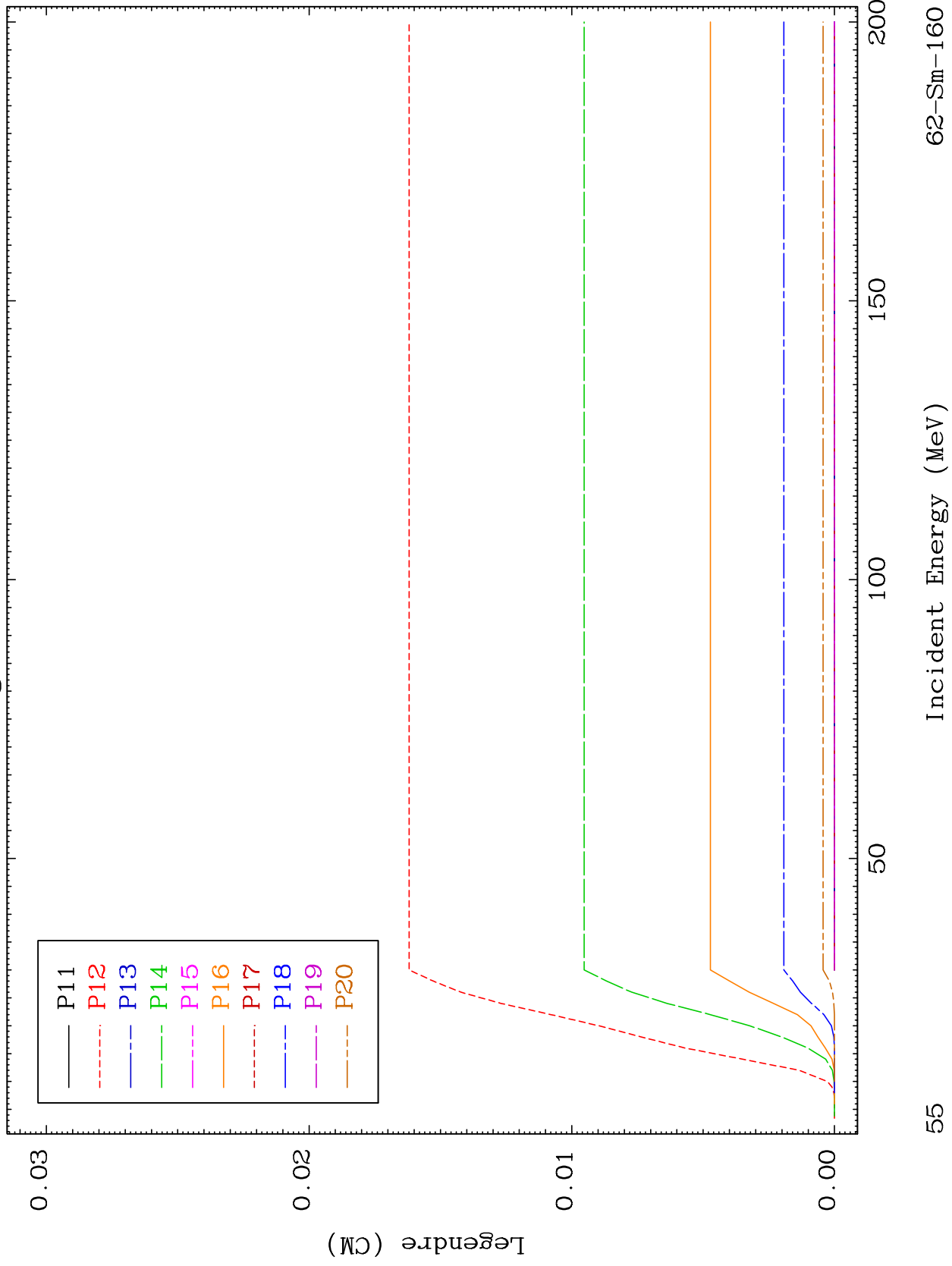




MAT 6273

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

62-Sm-160

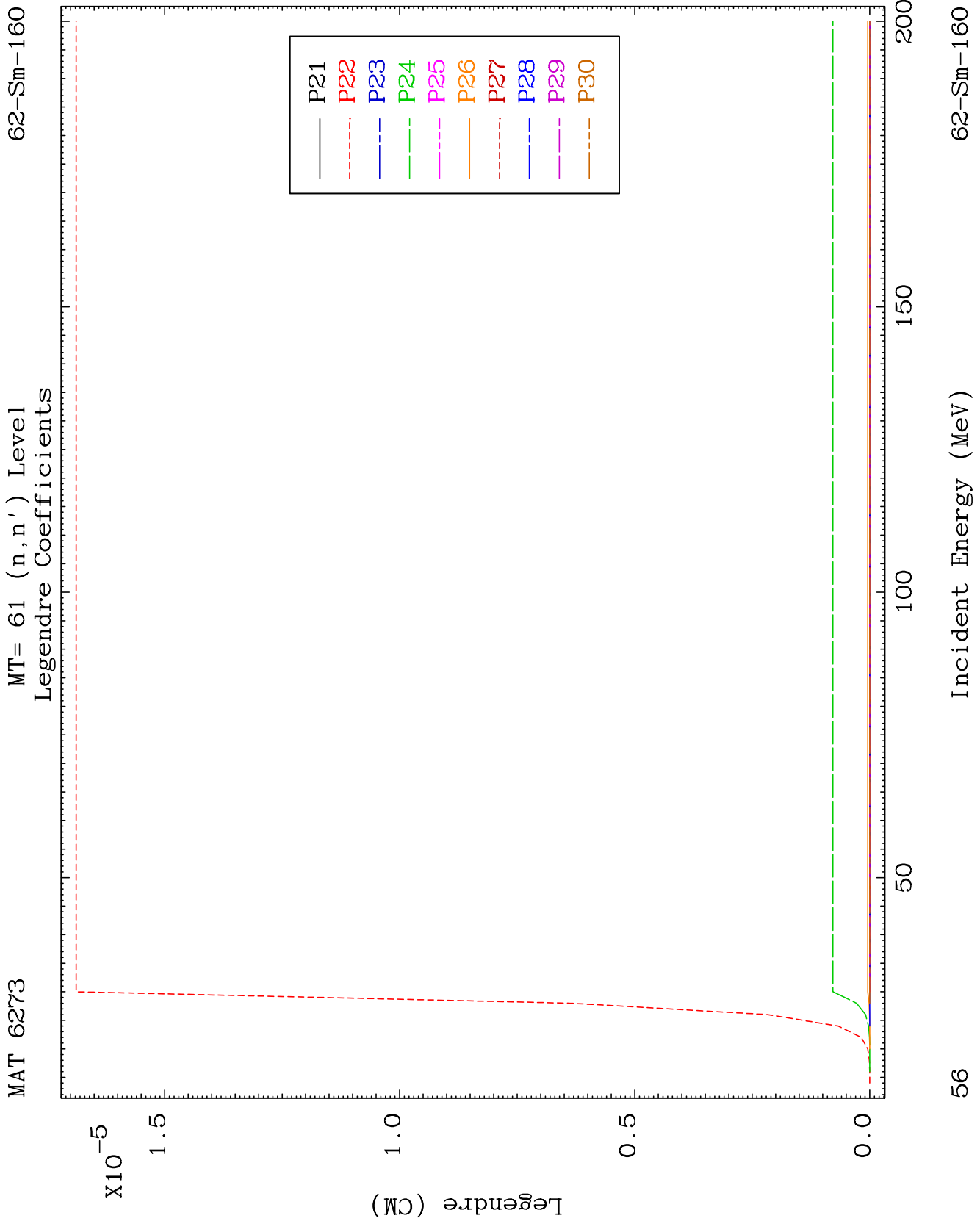


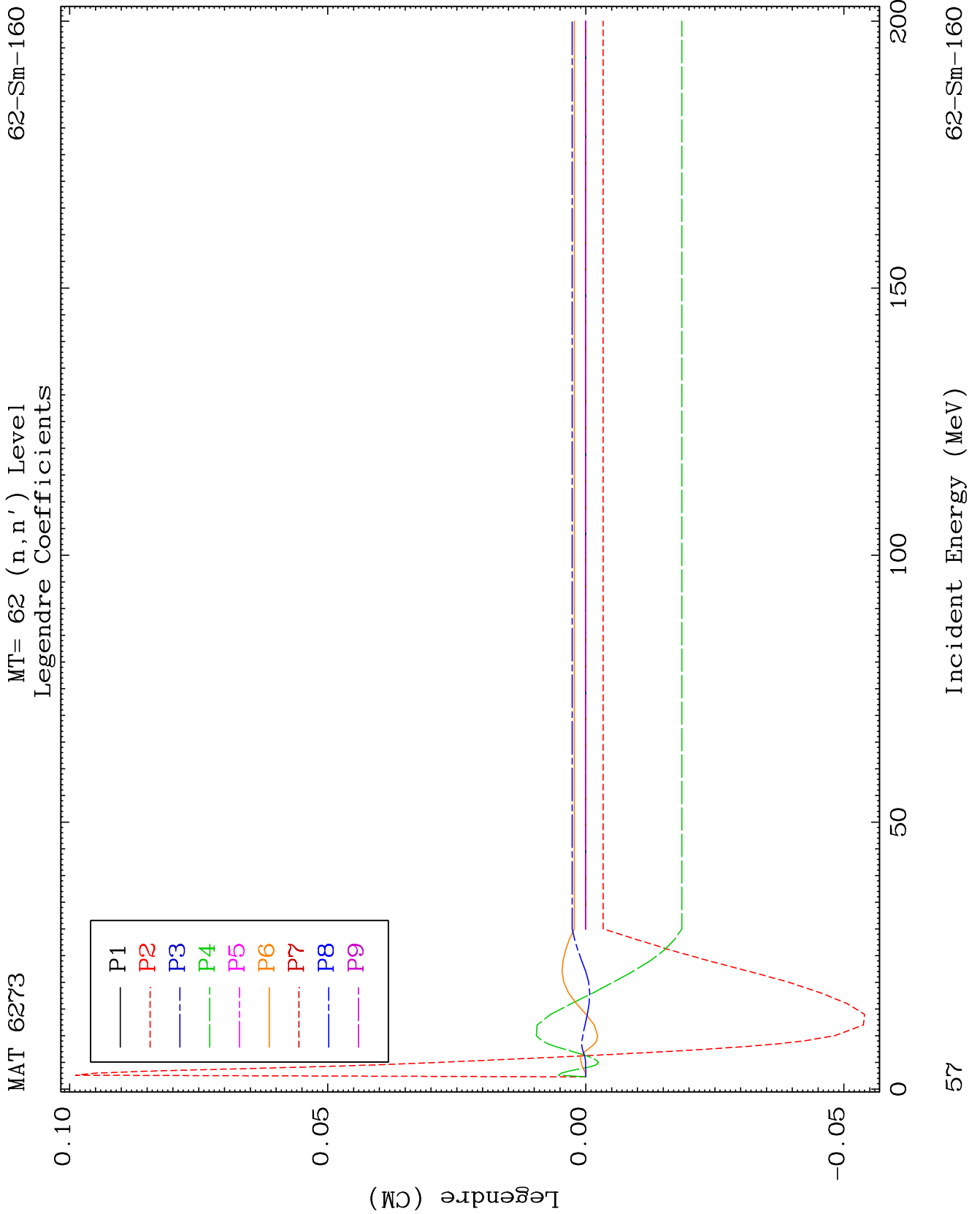
55

Incident Energy (MeV)

62-Sm-160



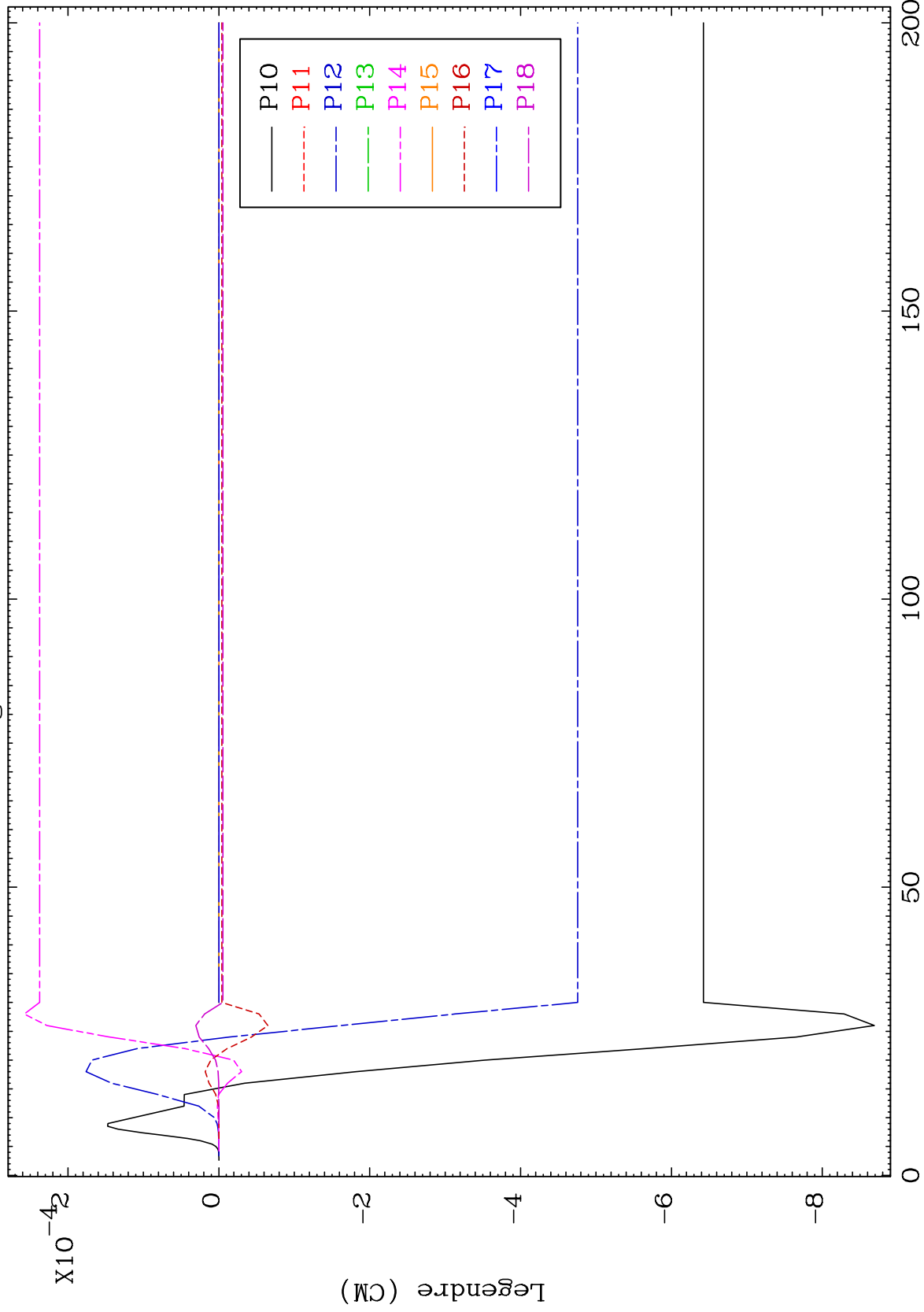




MAT 6273

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

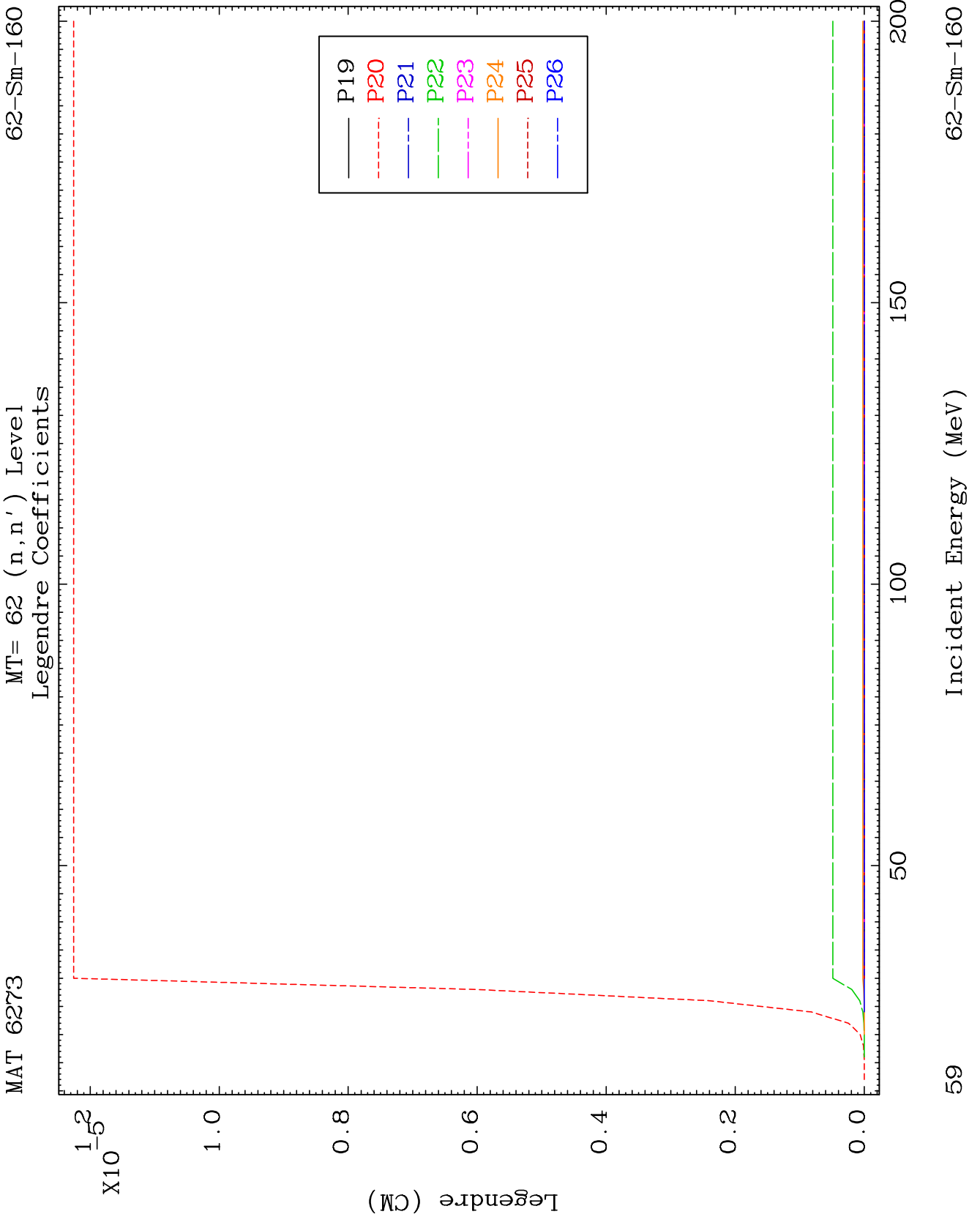
62-Sm-160

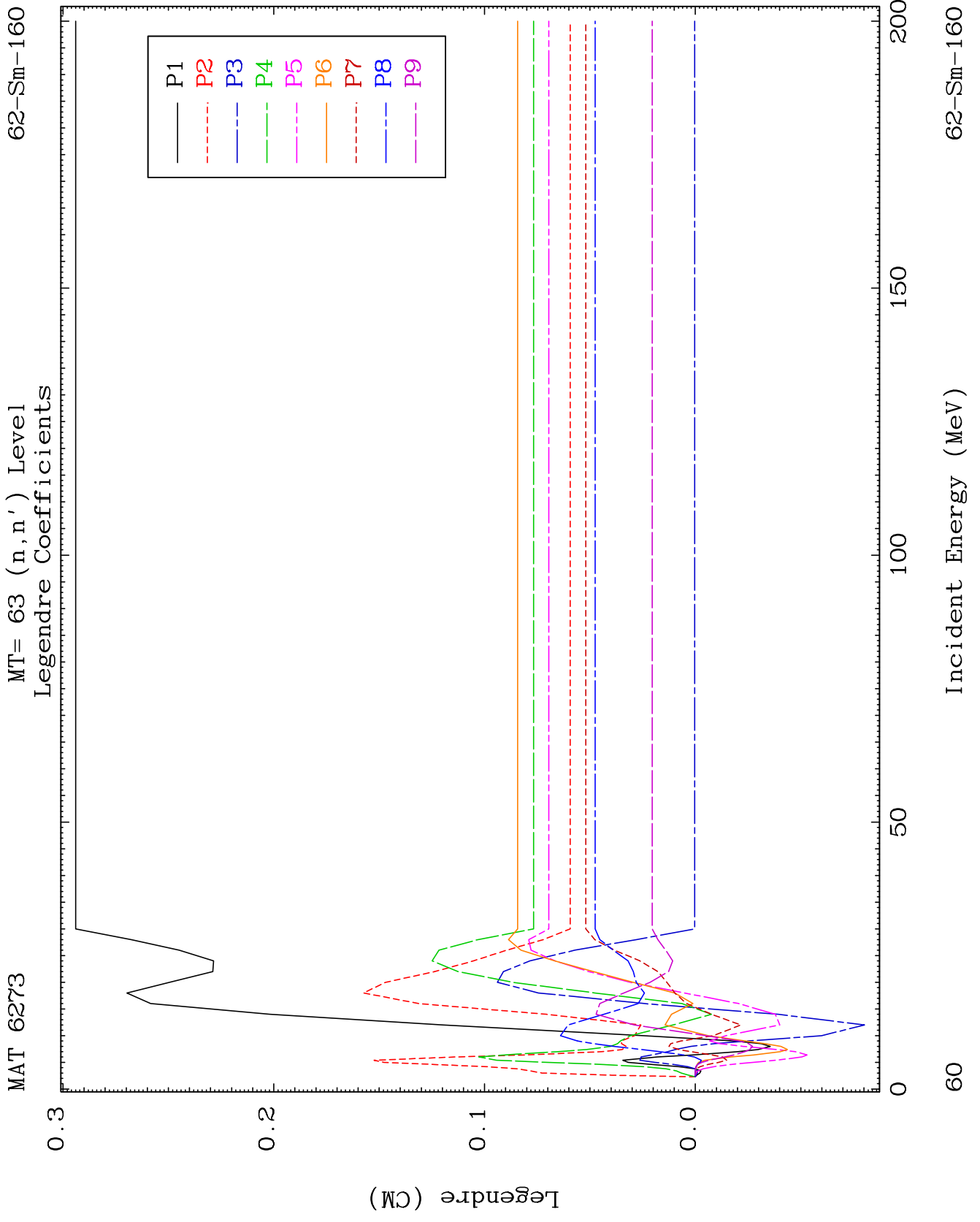


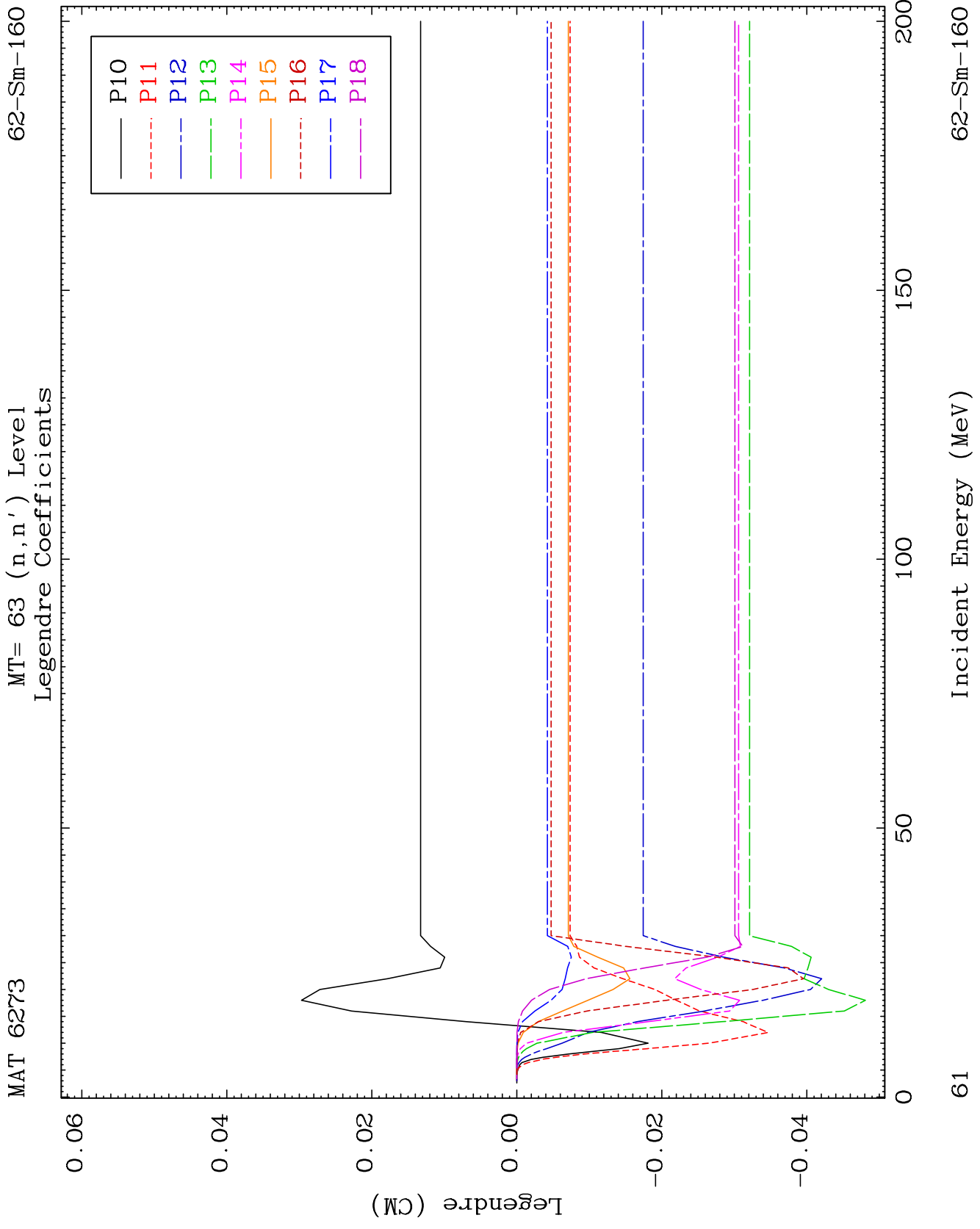
58

Incident Energy (MeV)

62-Sm-160



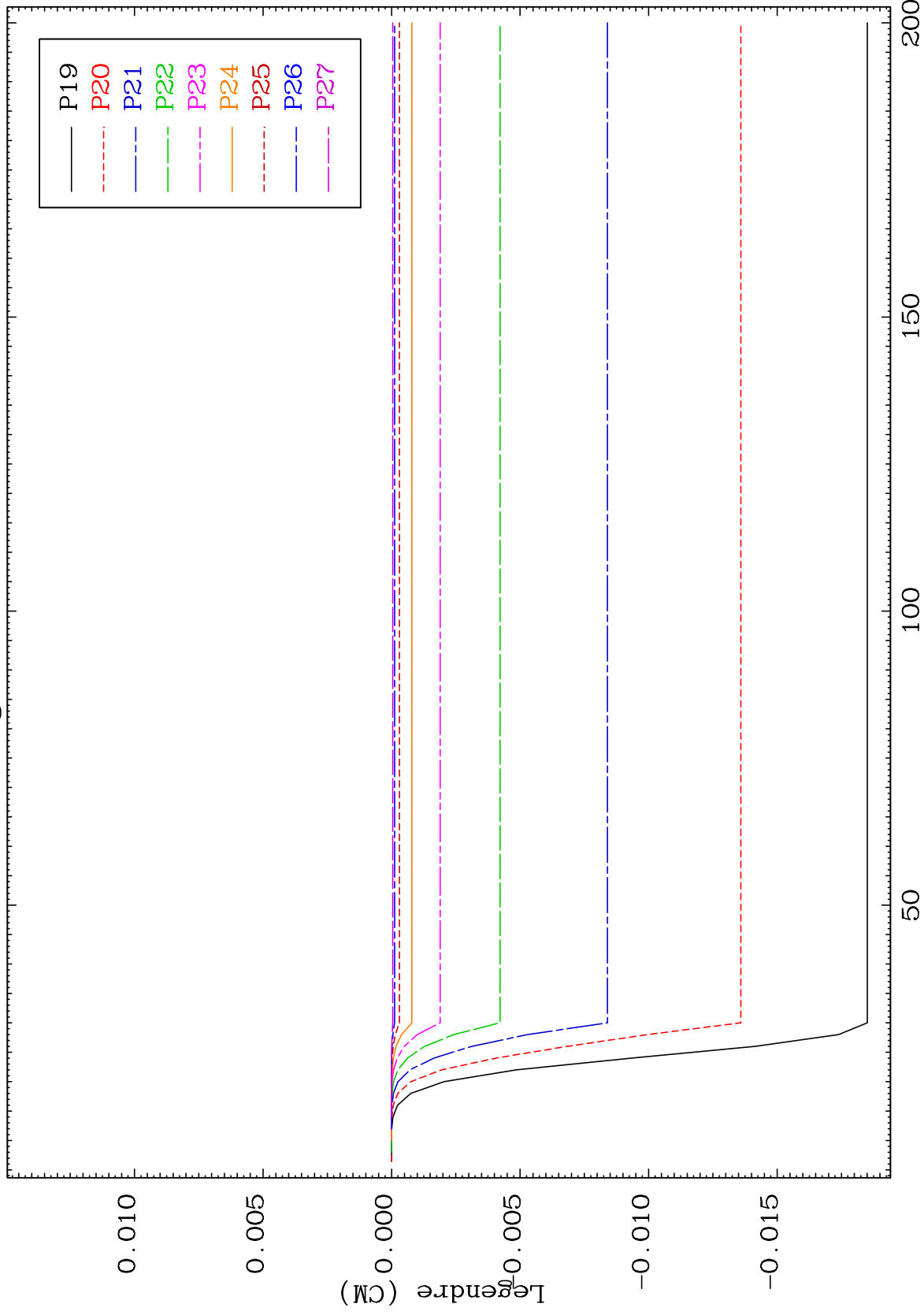




MAT 6273

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

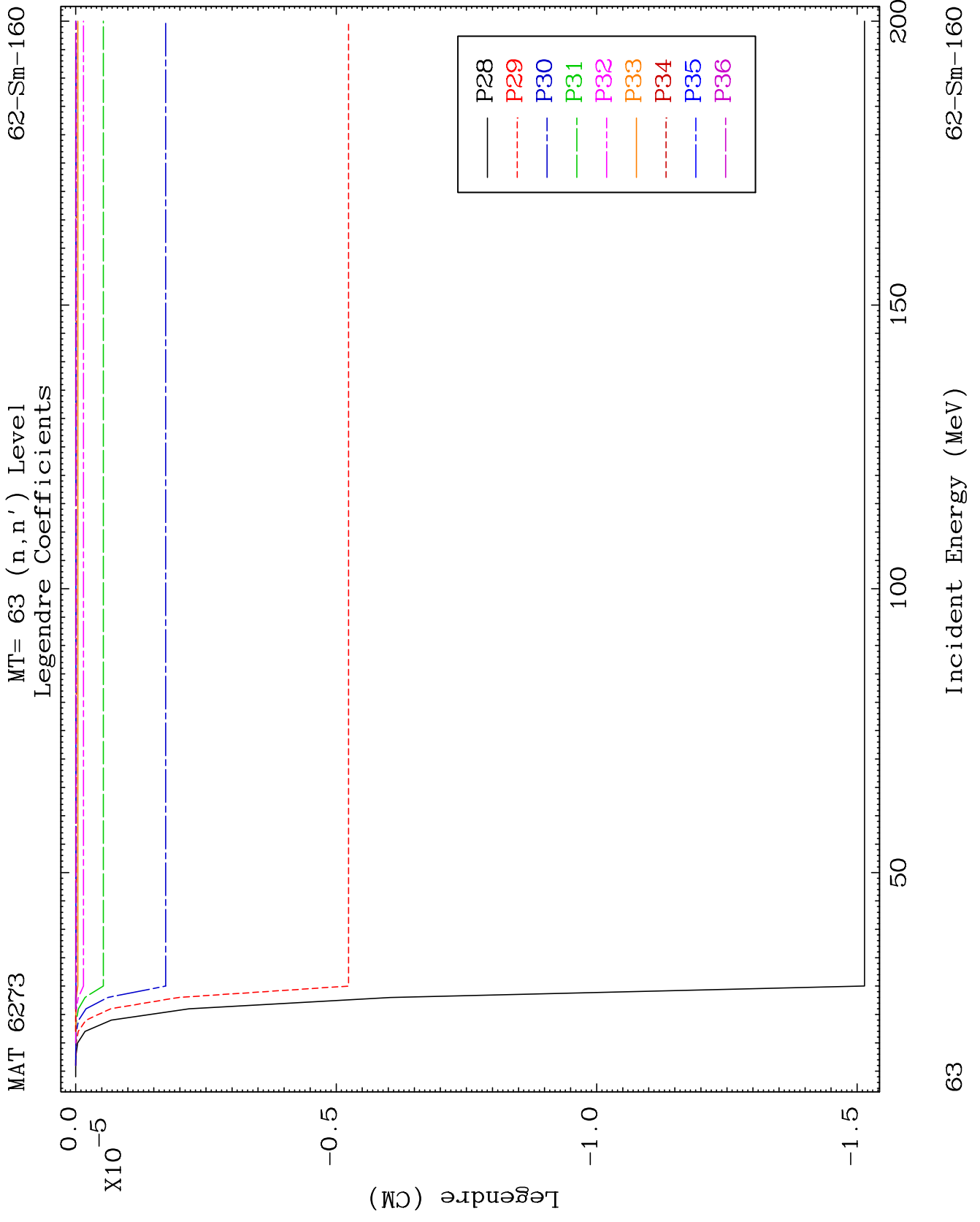
62-Sm-160



62

Incident Energy (MeV)

62-Sm-160

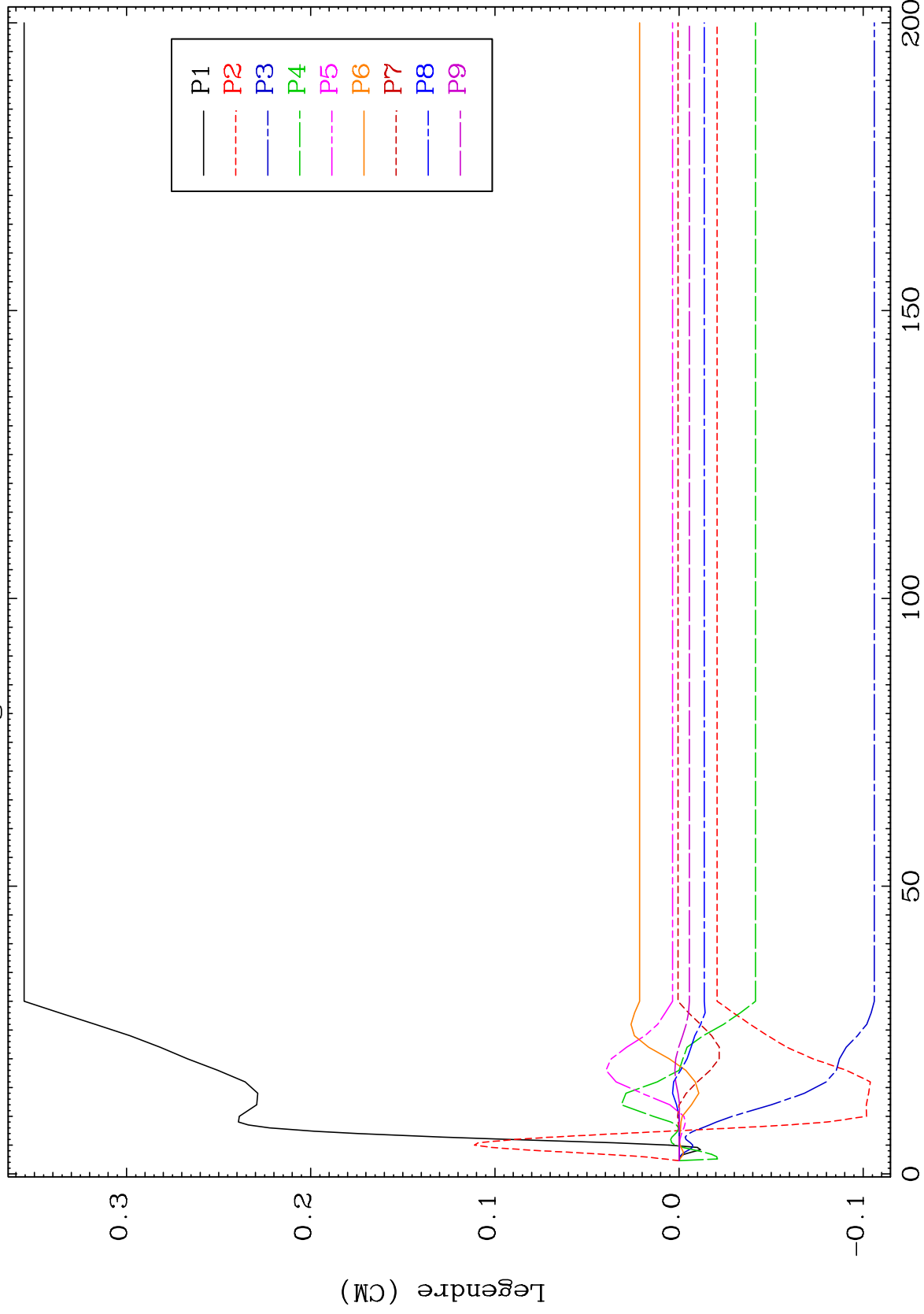




MAT 6273

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

62-Sm-160



64

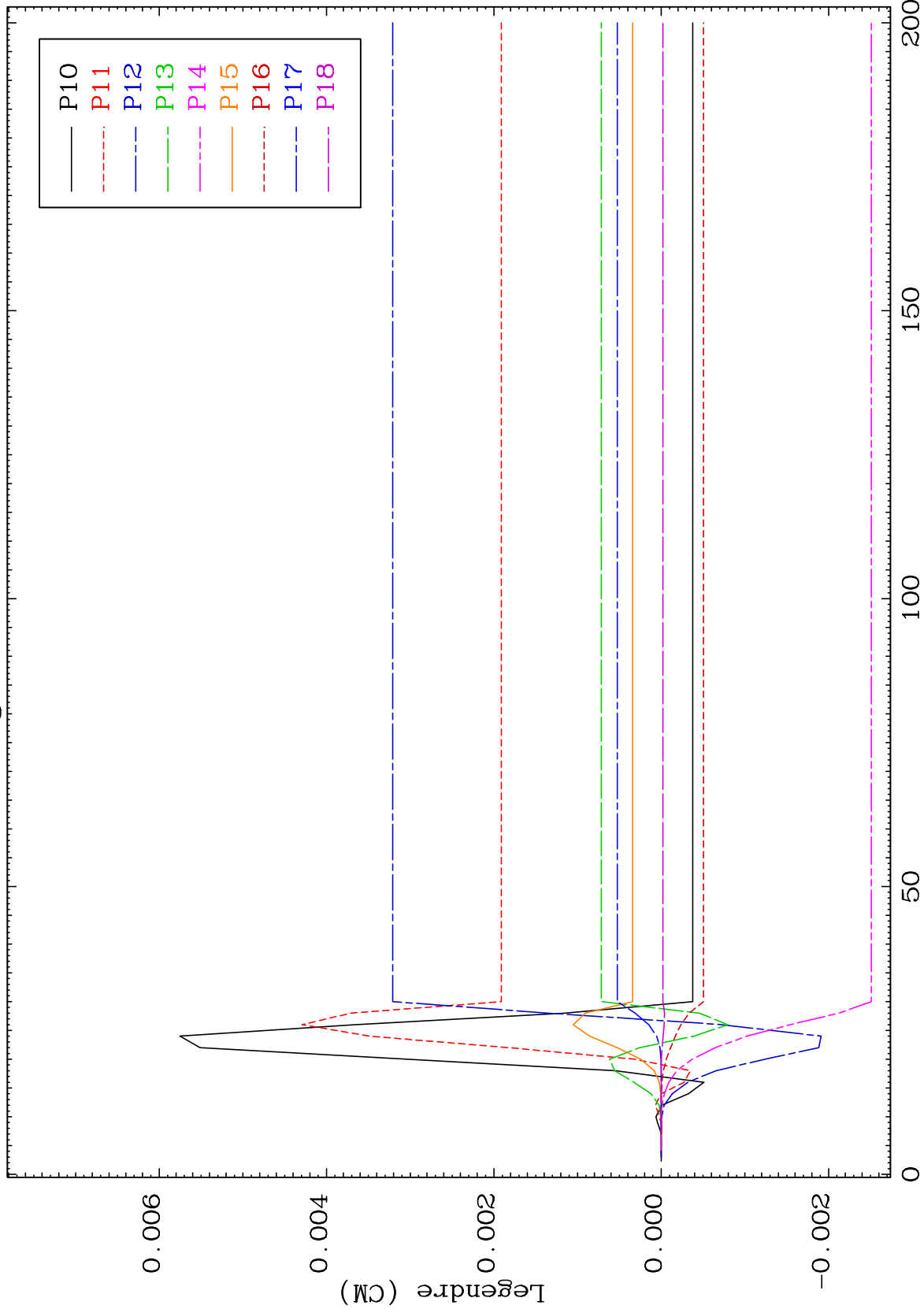
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

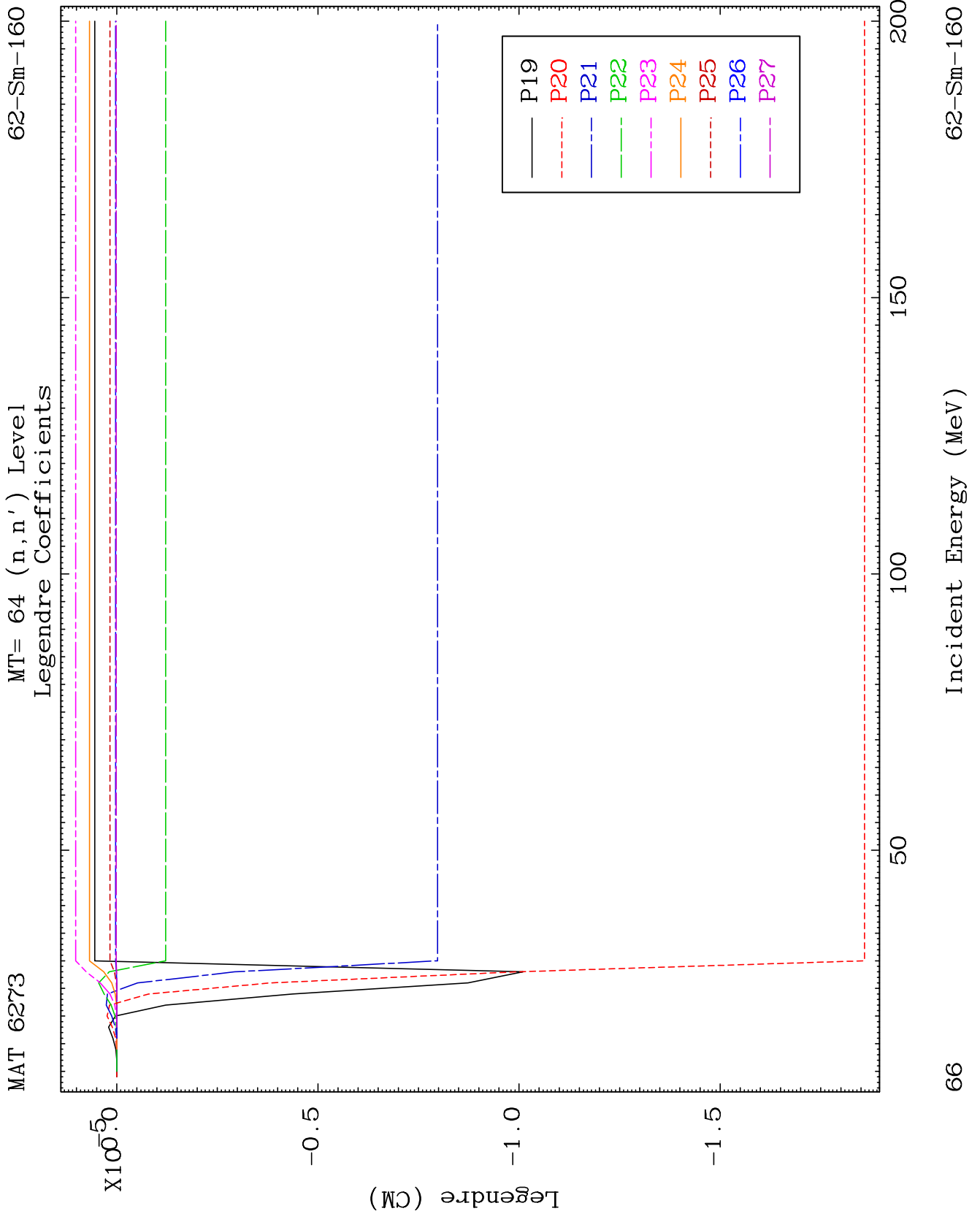
62-Sm-160



65

Incident Energy (MeV)

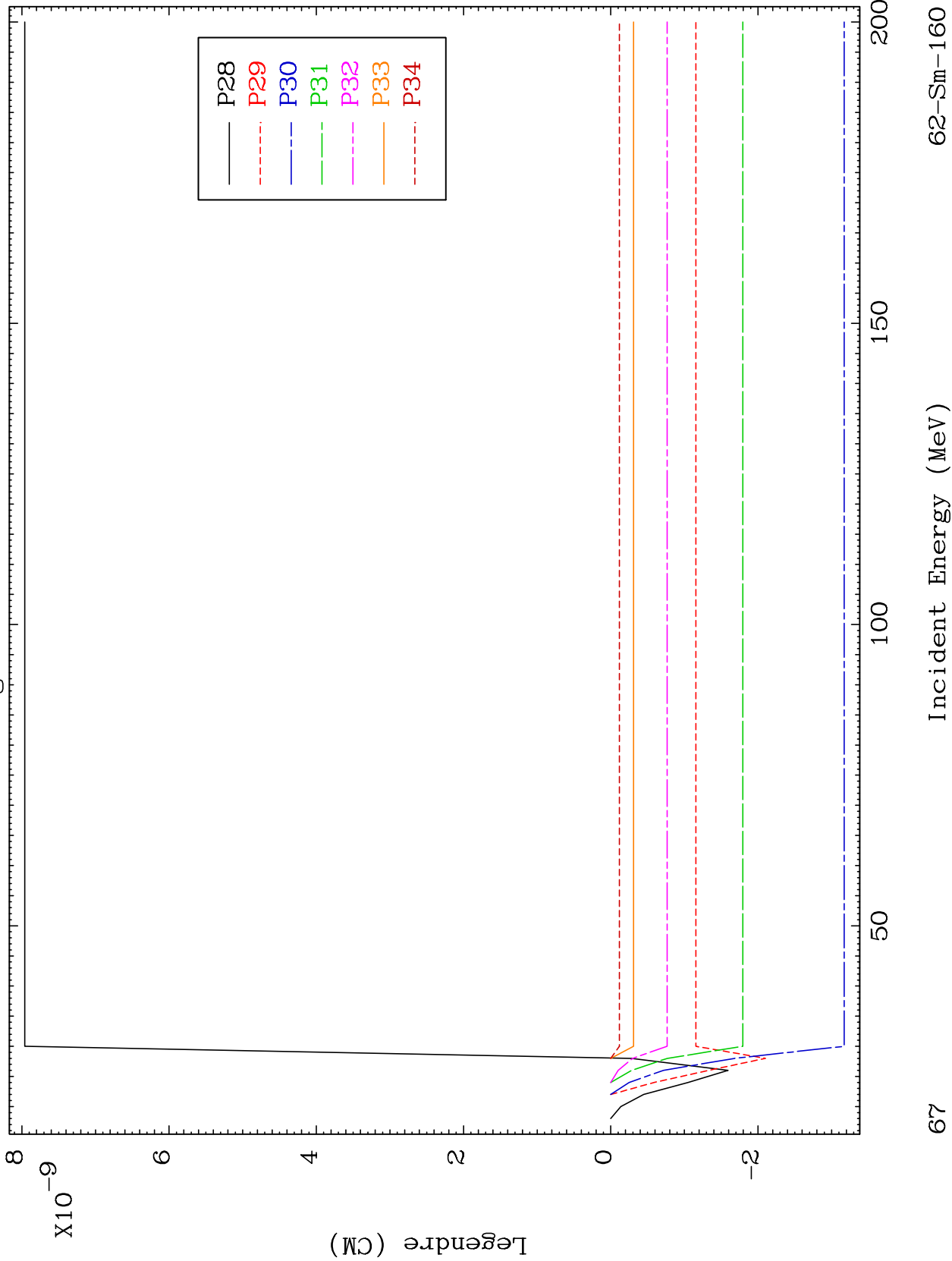
62-Sm-160



MAT 6273

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

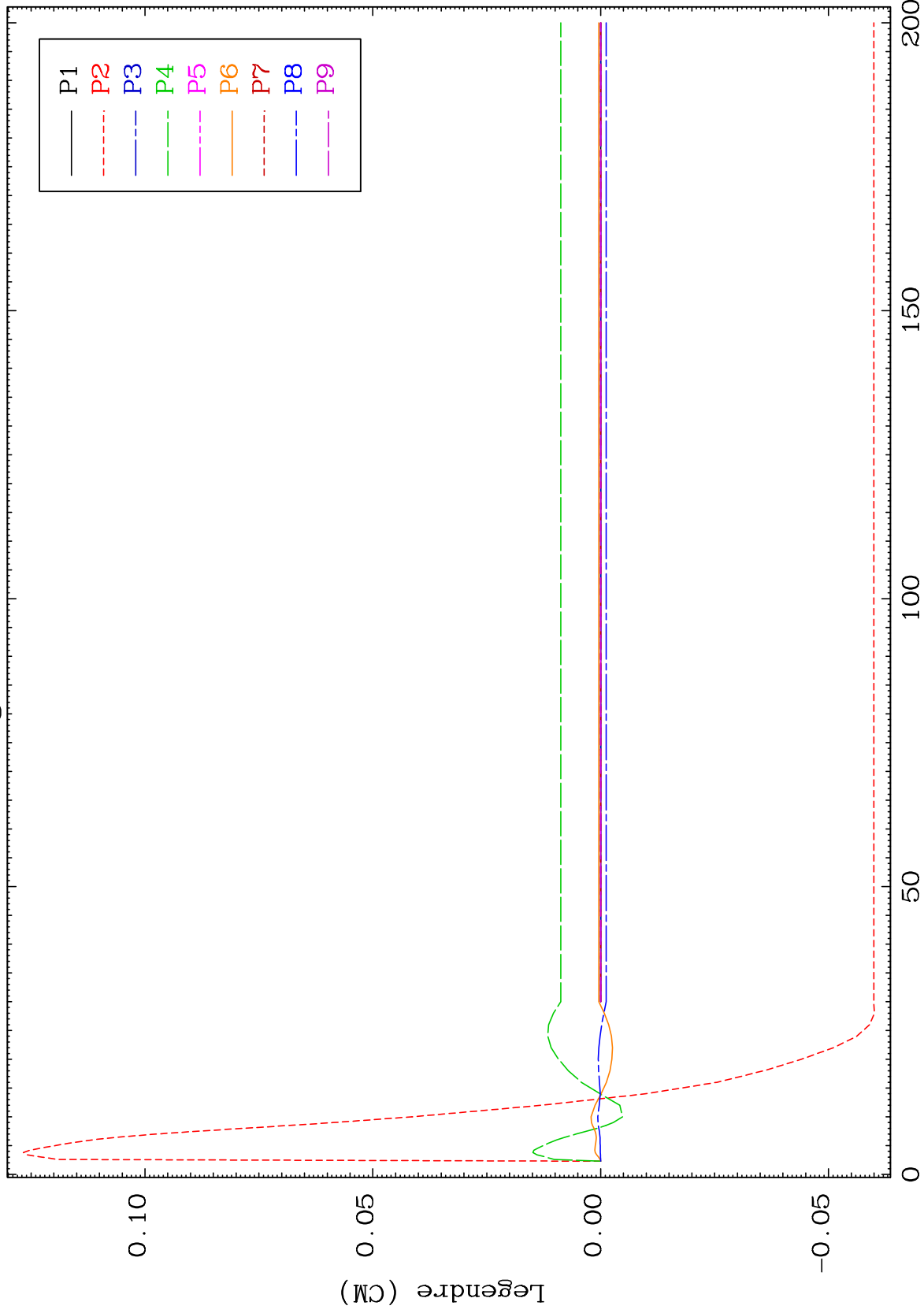
62-Sm-160



MAT 6273

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

62-Sm-160



68

Incident Energy (MeV)

62-Sm-160





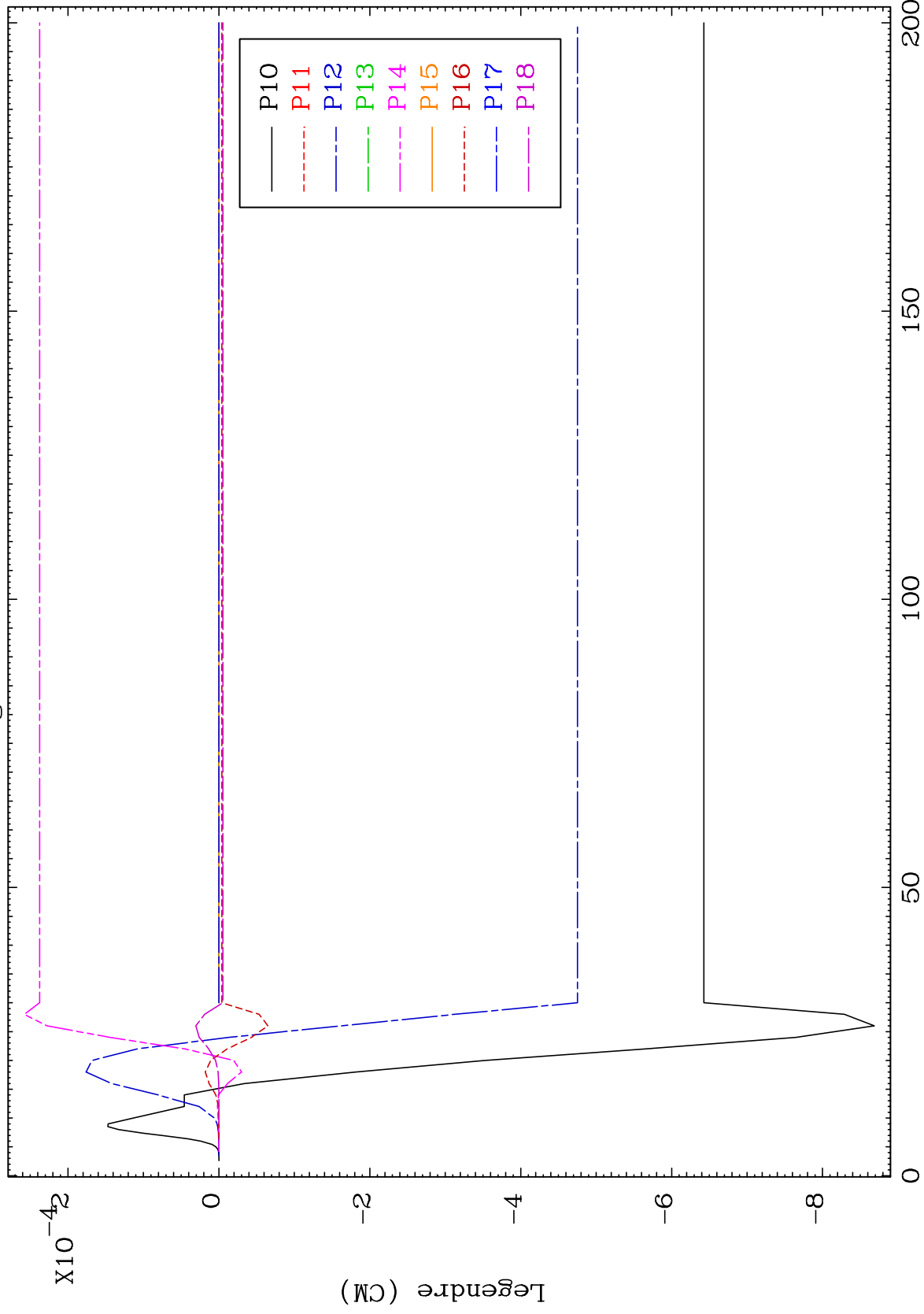




MAT 6273

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

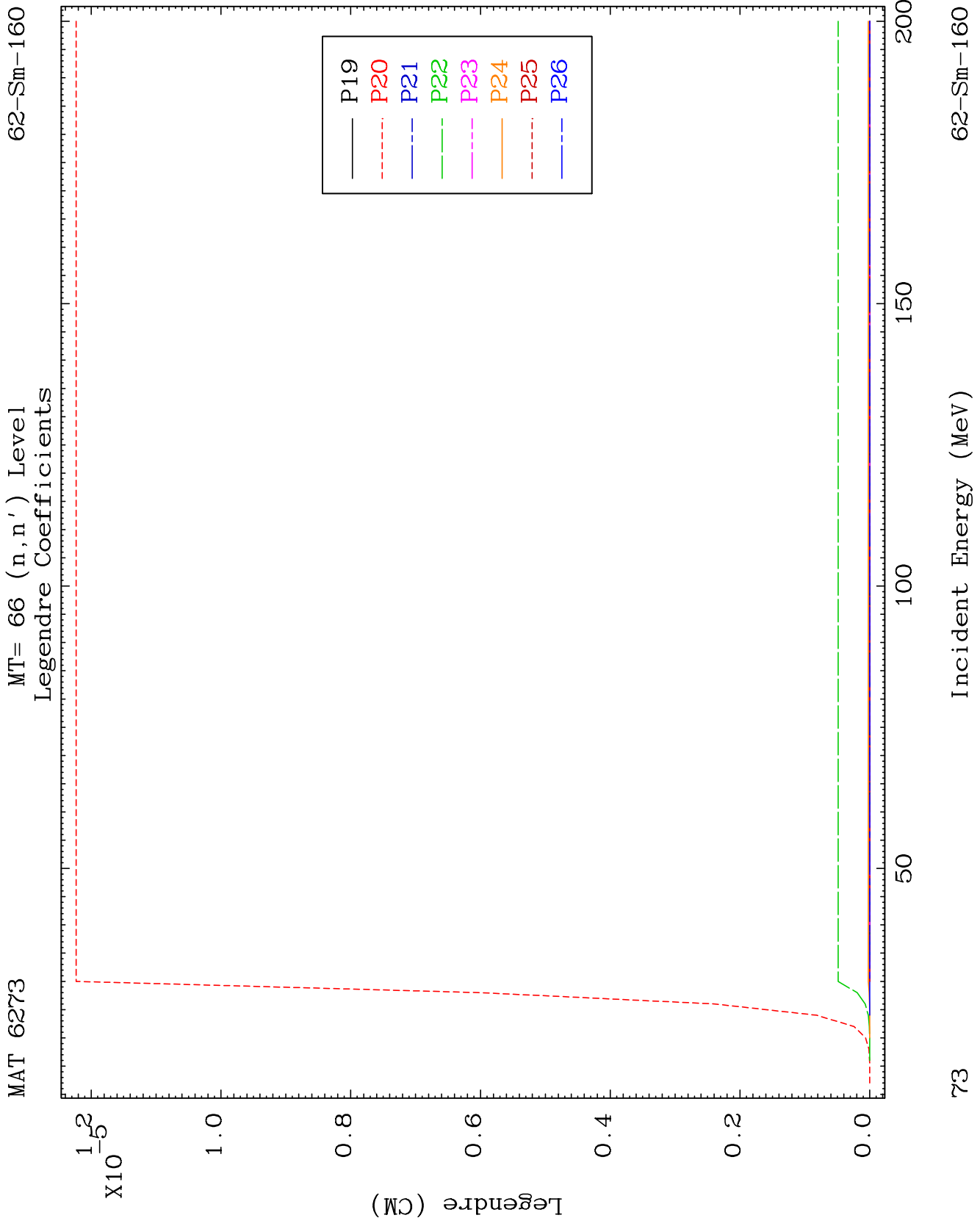
62-Sm-160

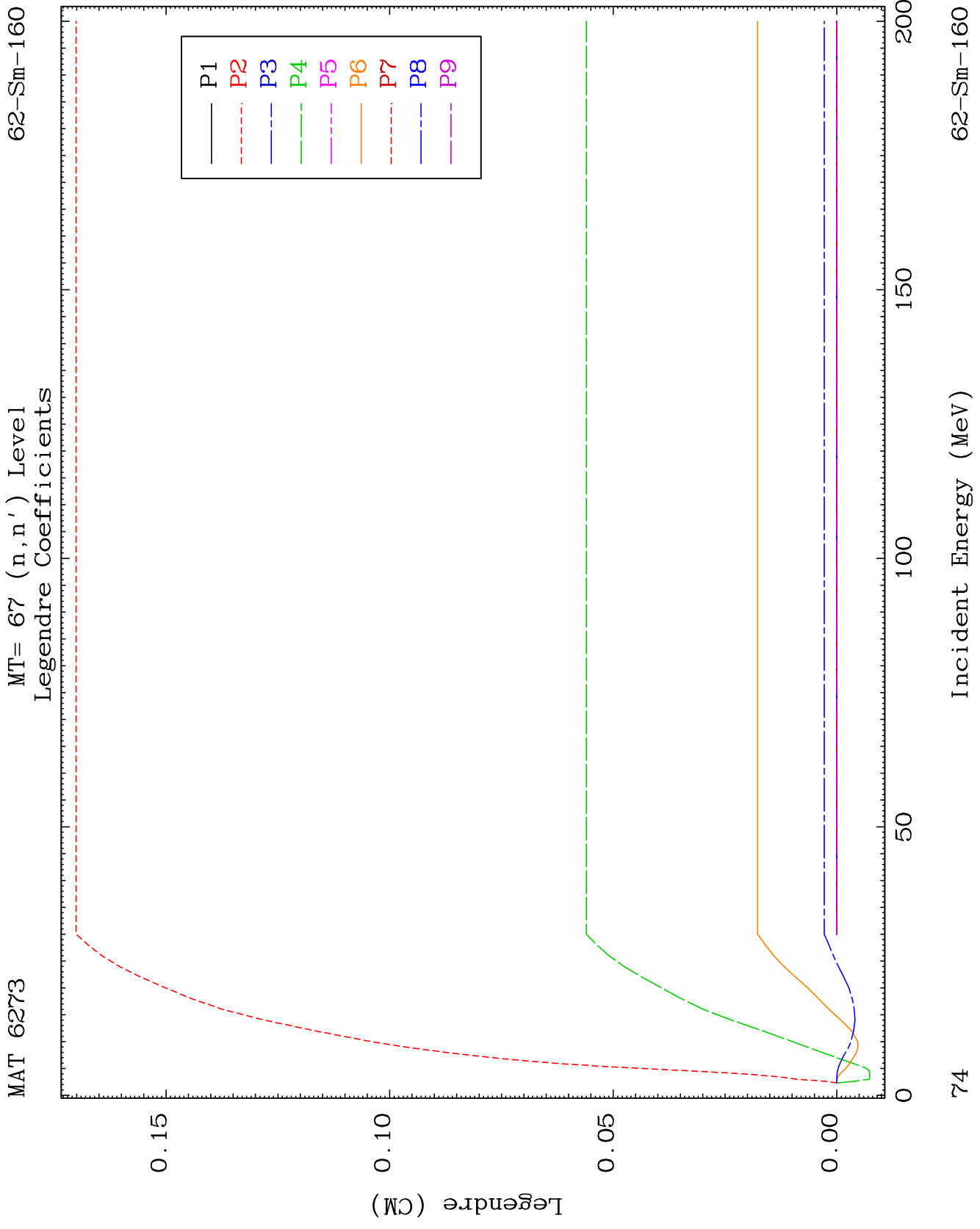


72

Incident Energy (MeV)

62-Sm-160

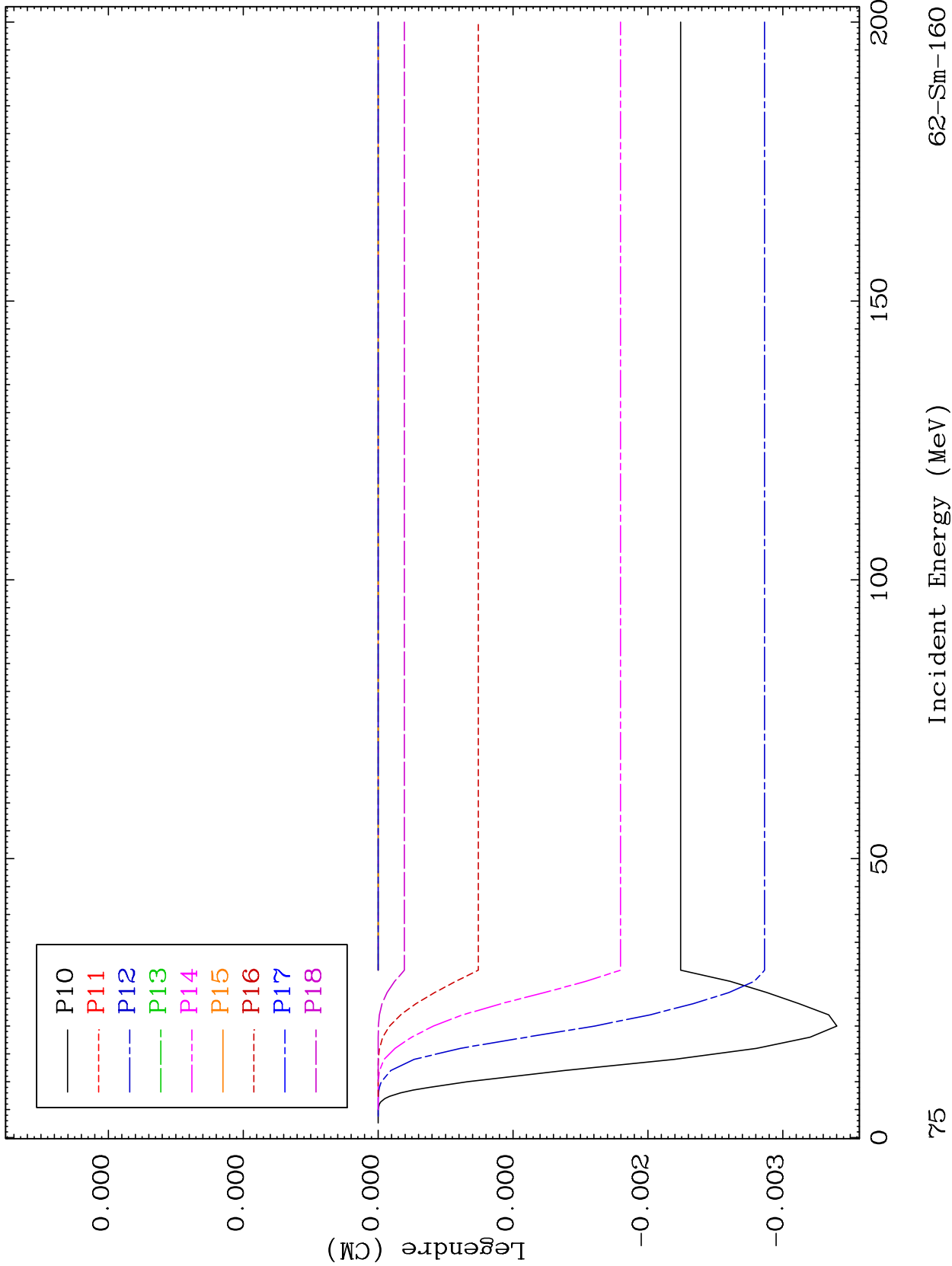




MAT 6273

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

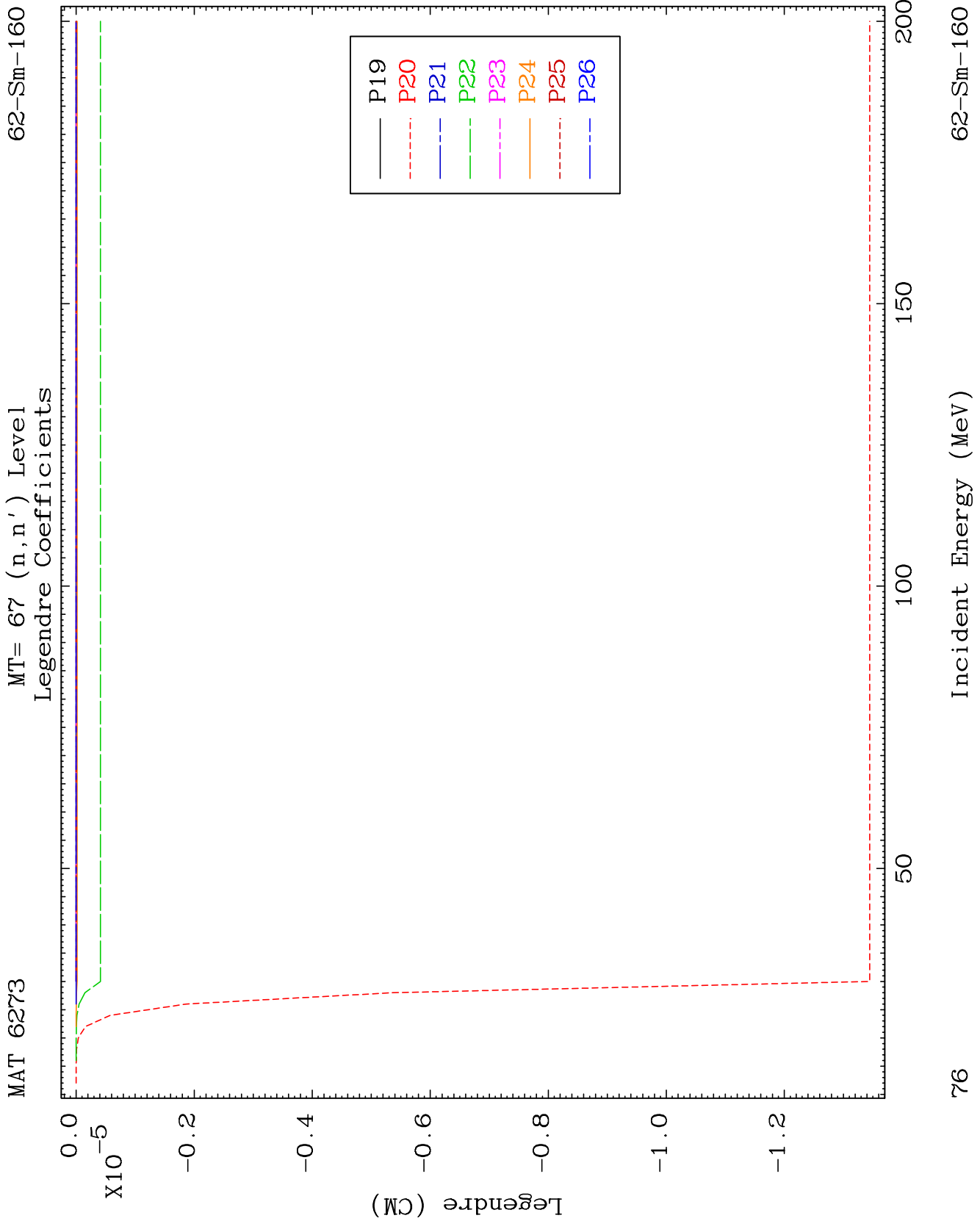
62-Sm-160



75

Incident Energy (MeV)

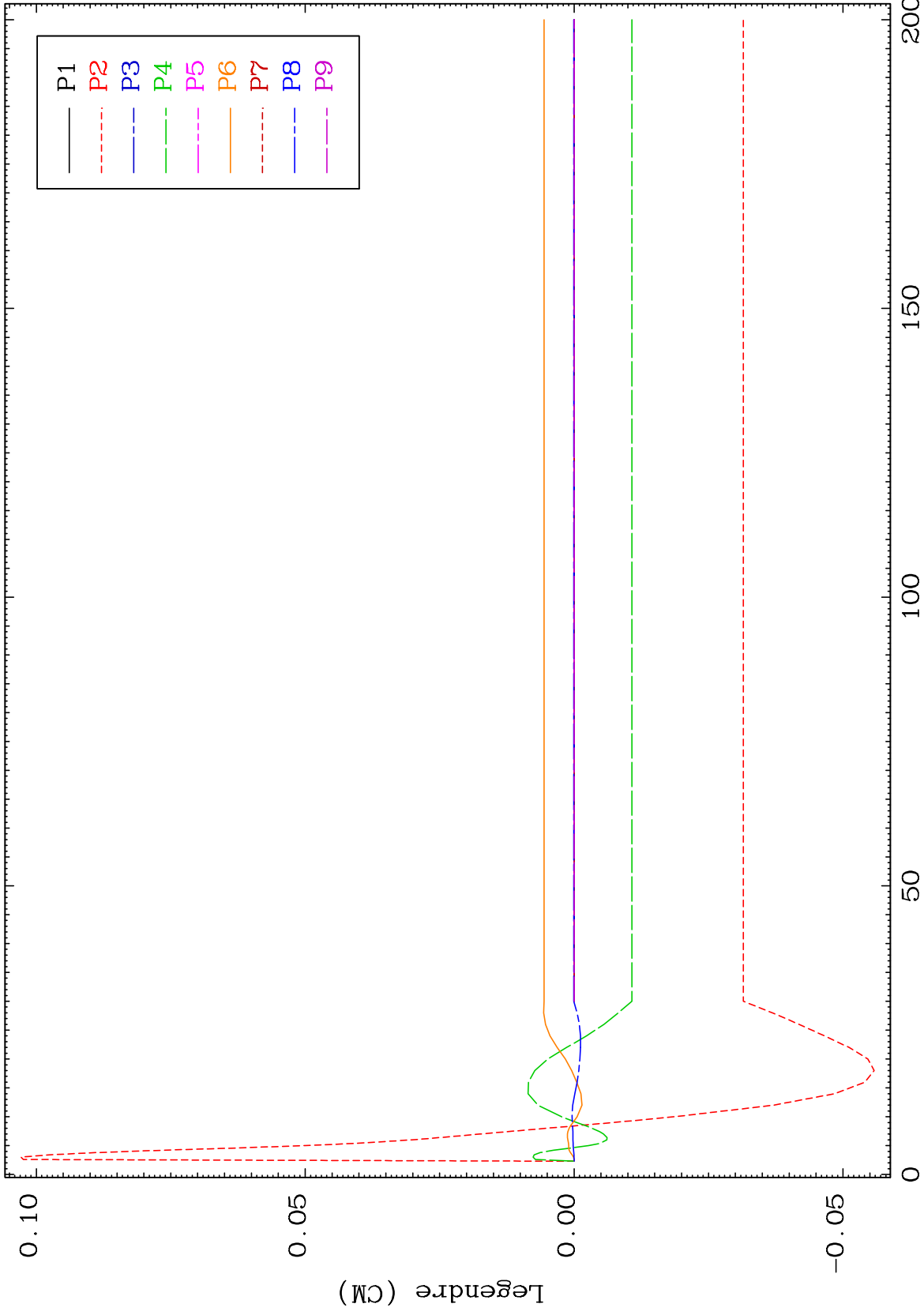
62-Sm-160



MAT 6273

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

62-Sm-160



77

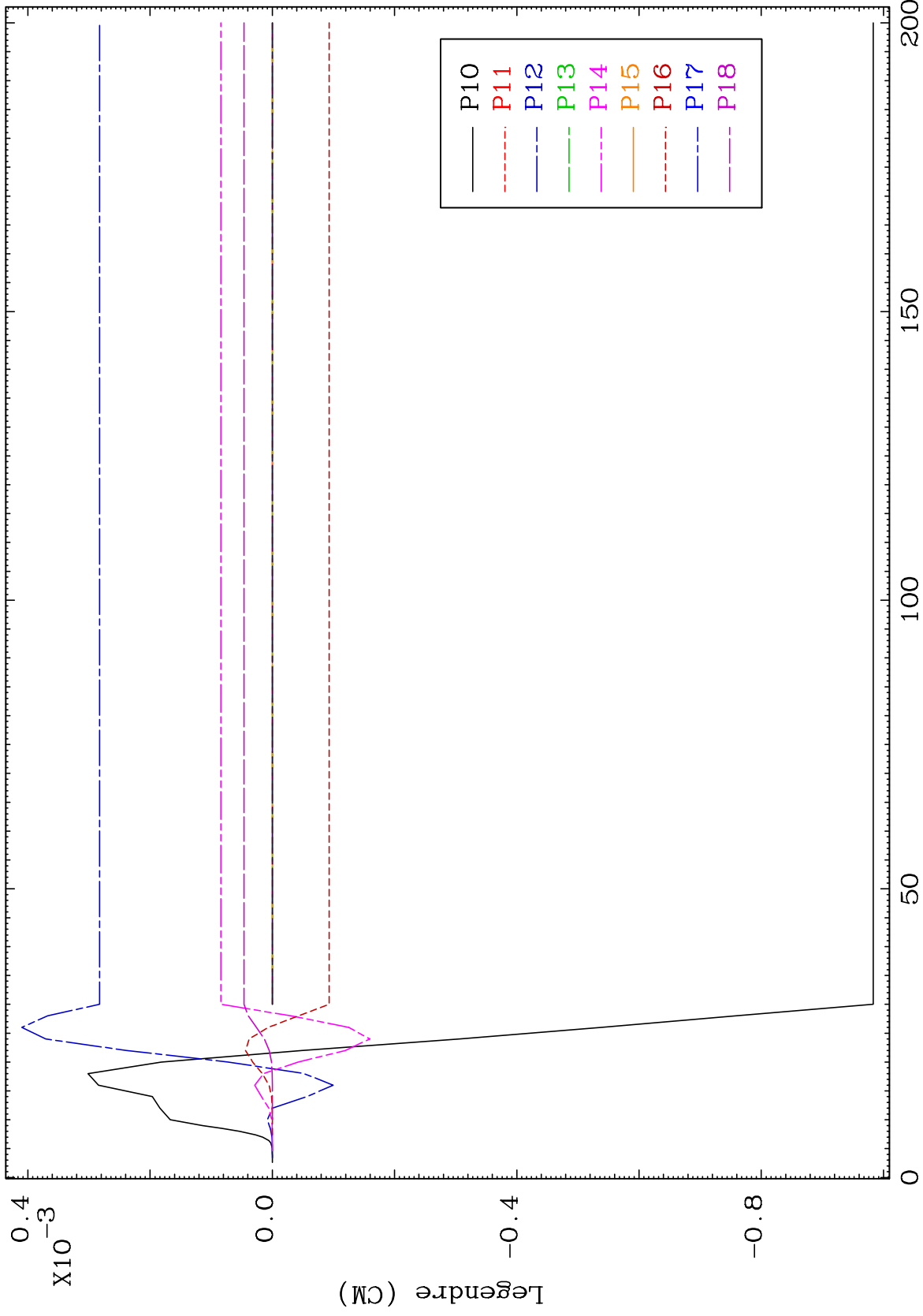
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

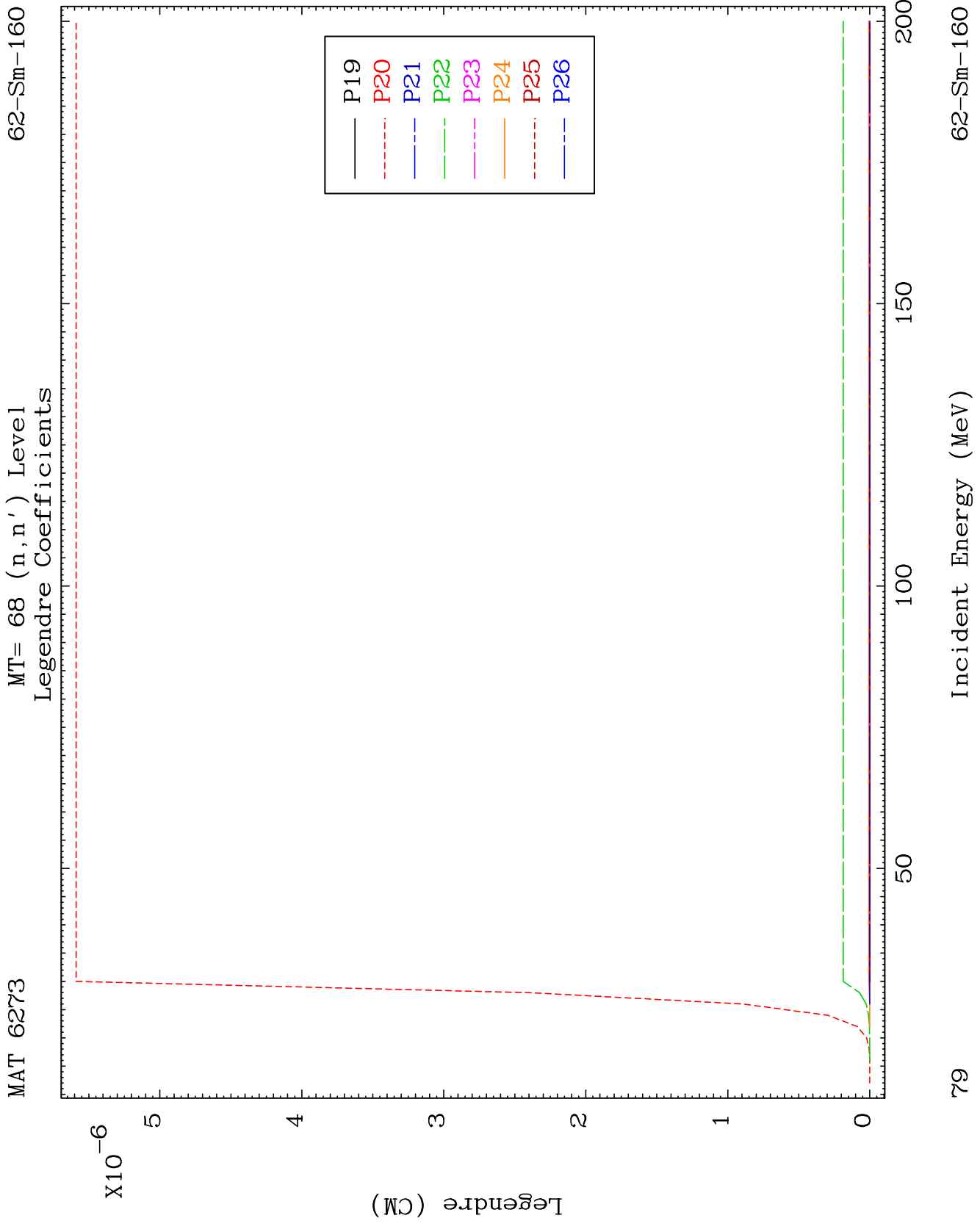
62-Sm-160



78

Incident Energy (MeV)

62-Sm-160

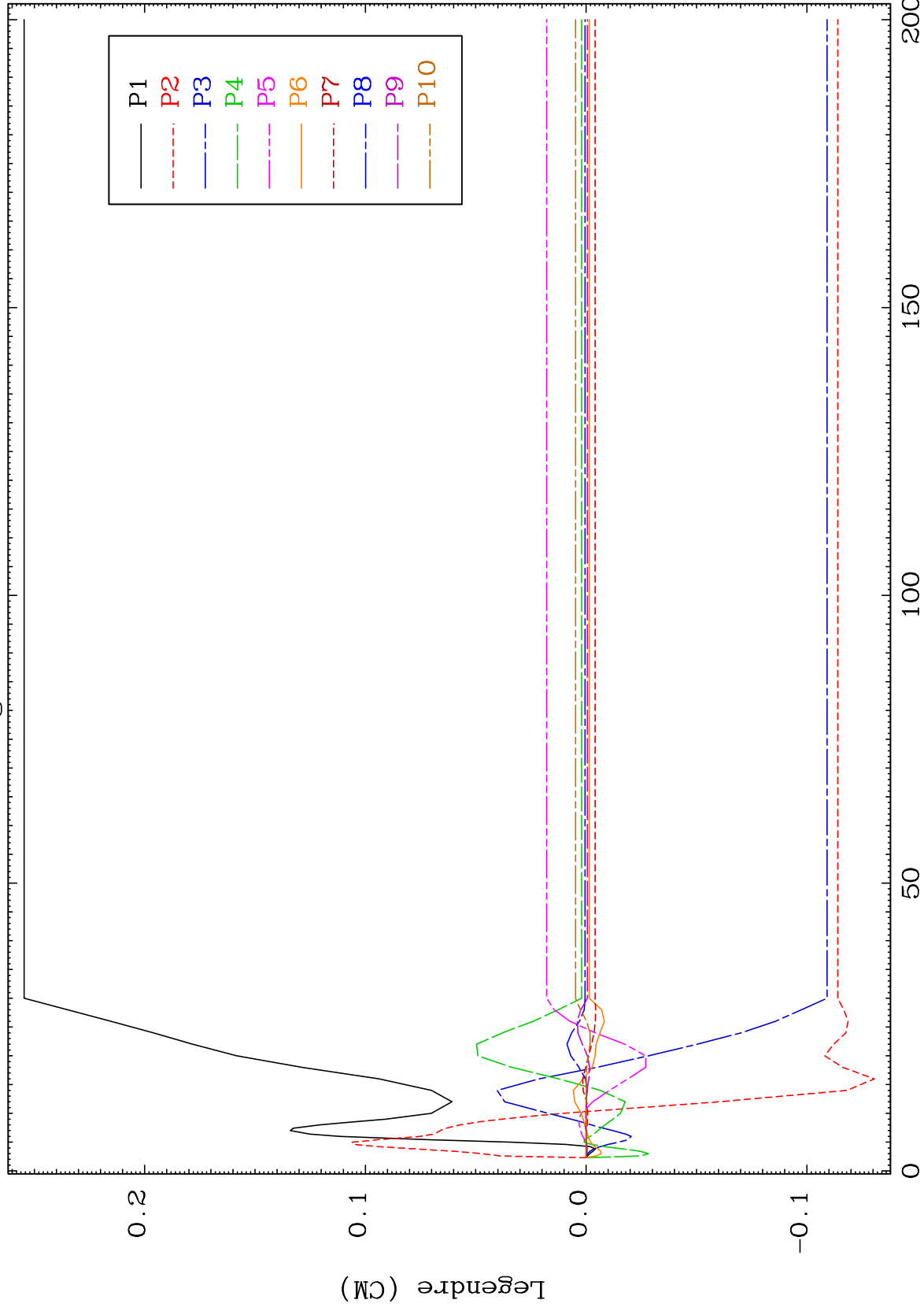




MAT 6273

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

62-Sm-160



80

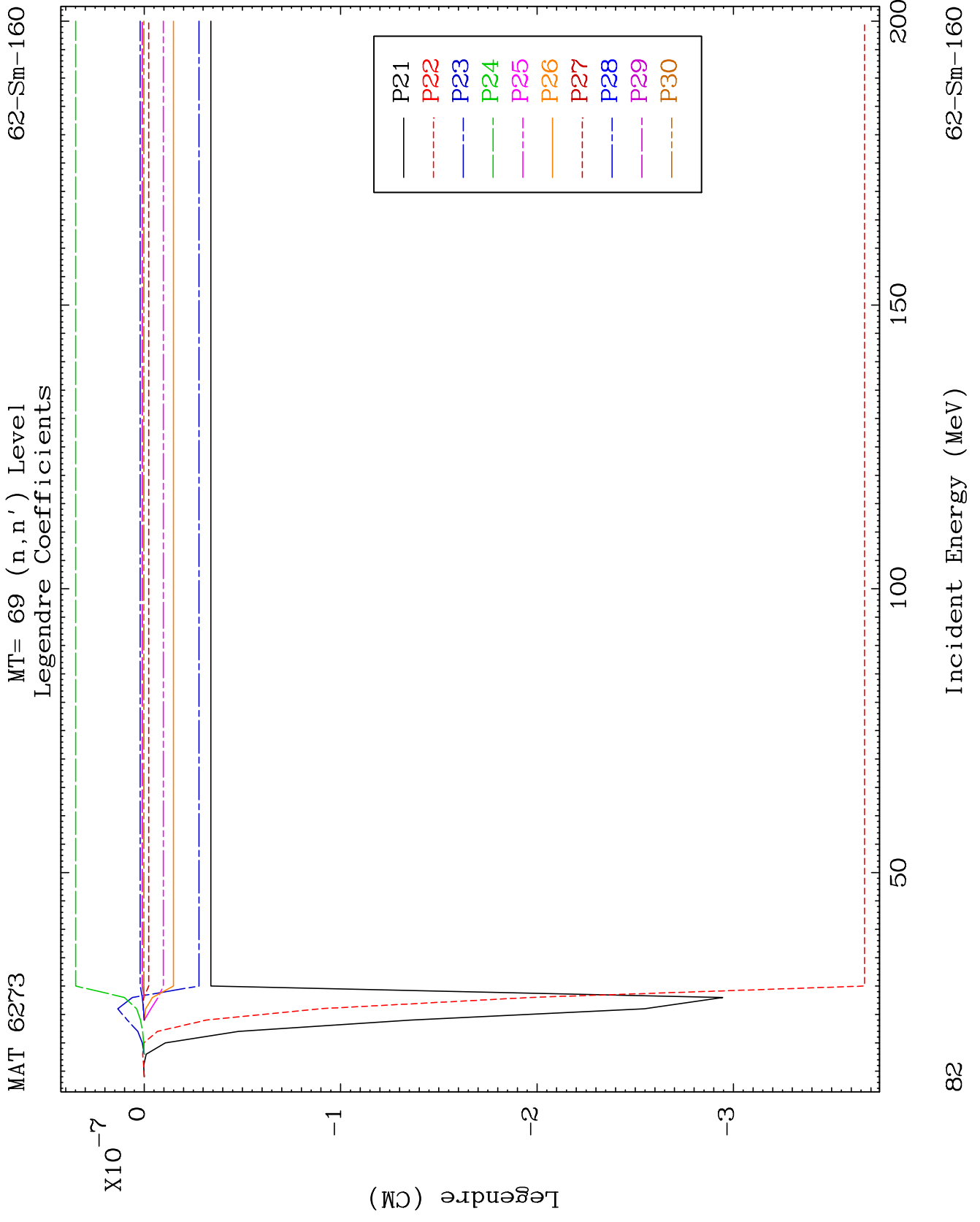
Incident Energy (MeV)

150

200

62-Sm-160

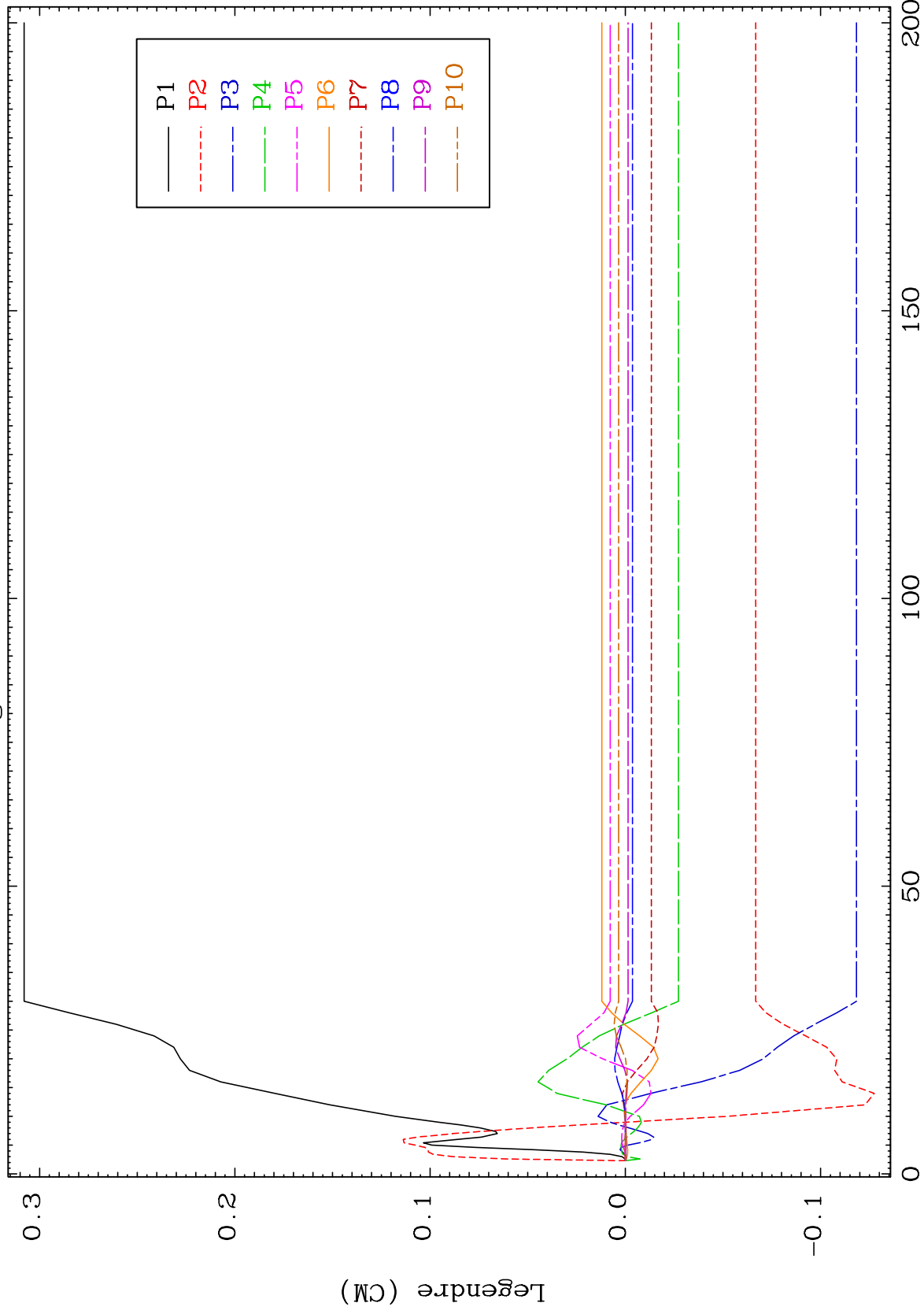




MAT 6273

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

62-Sm-160



83

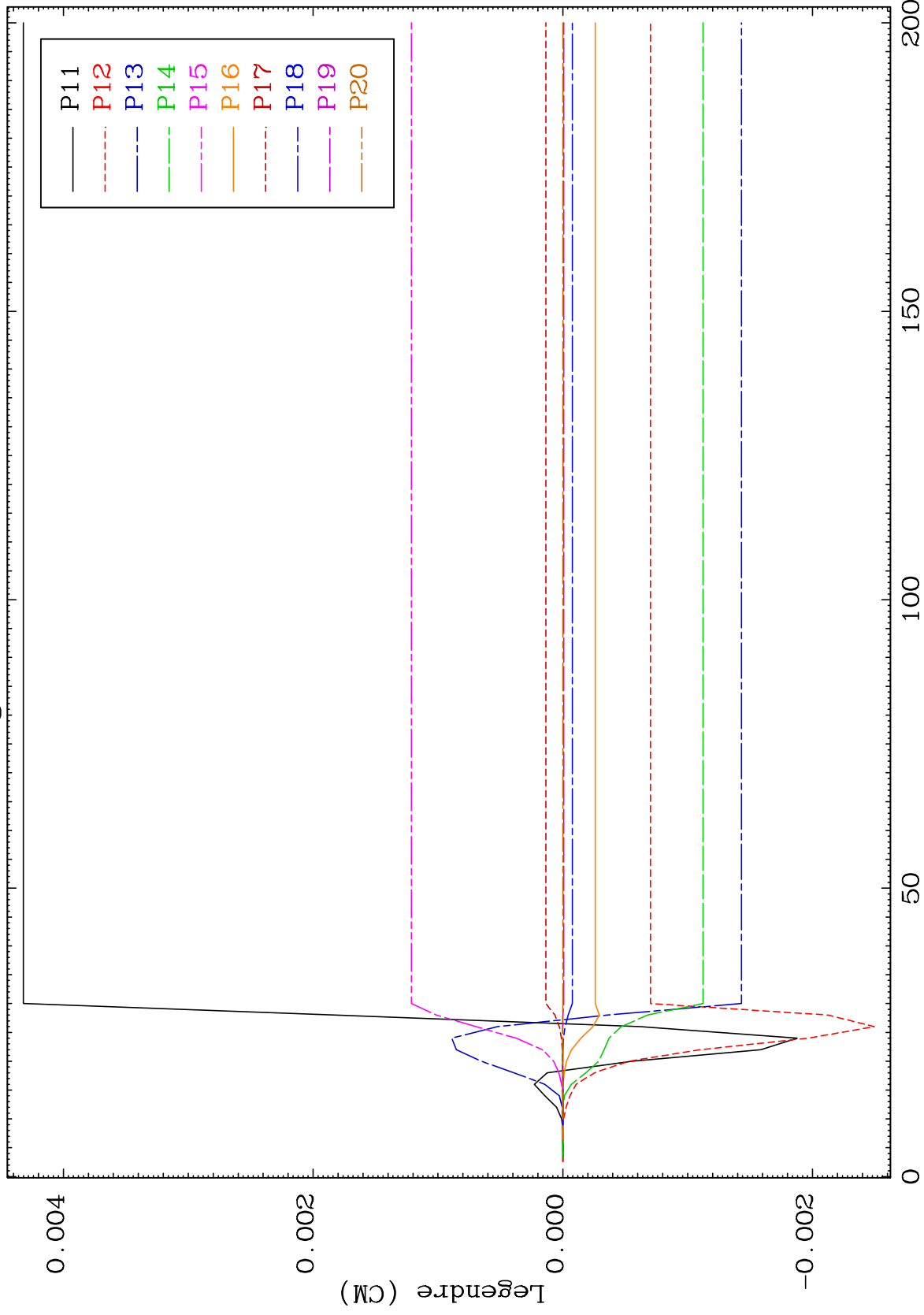
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



84

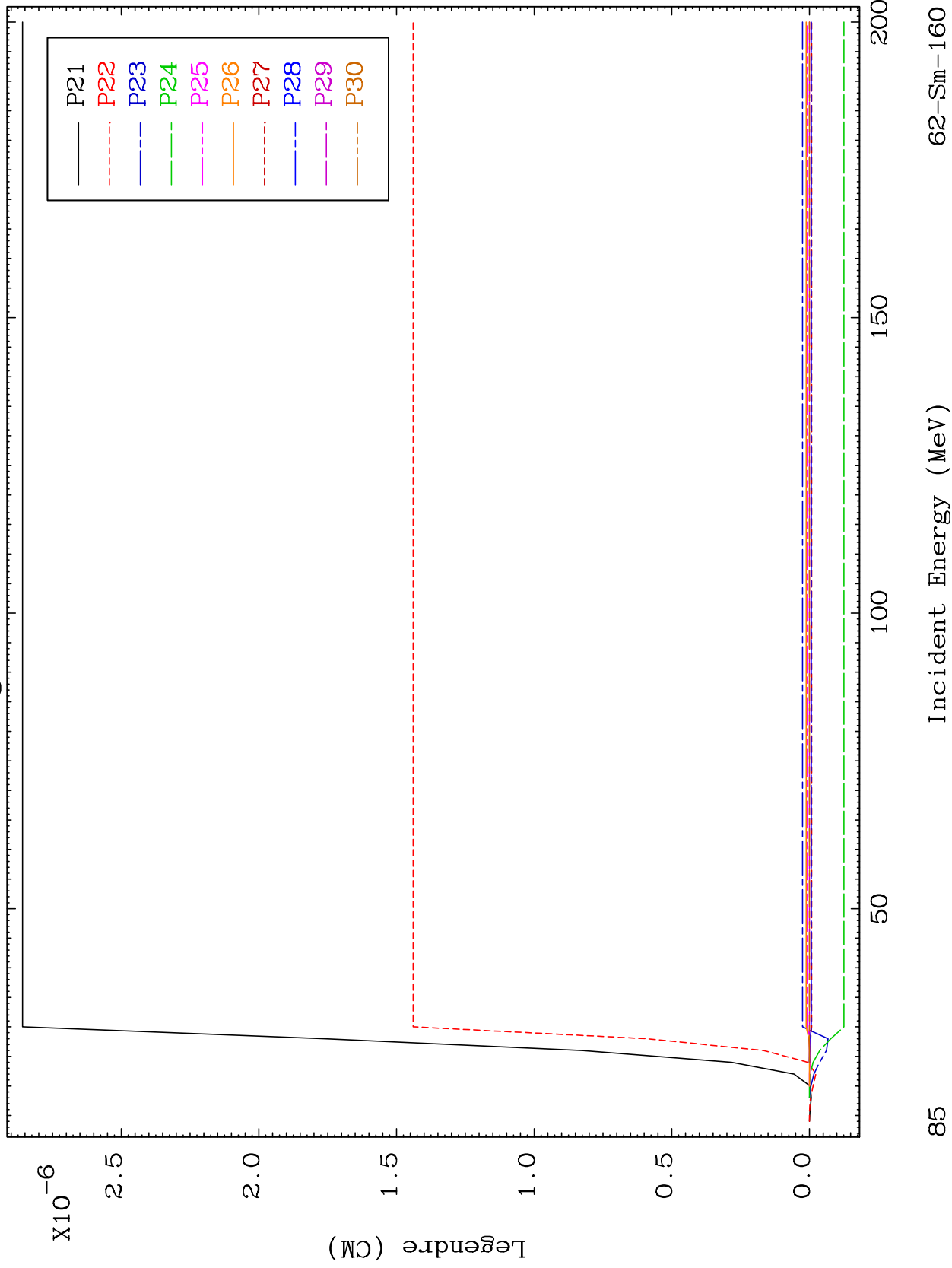
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

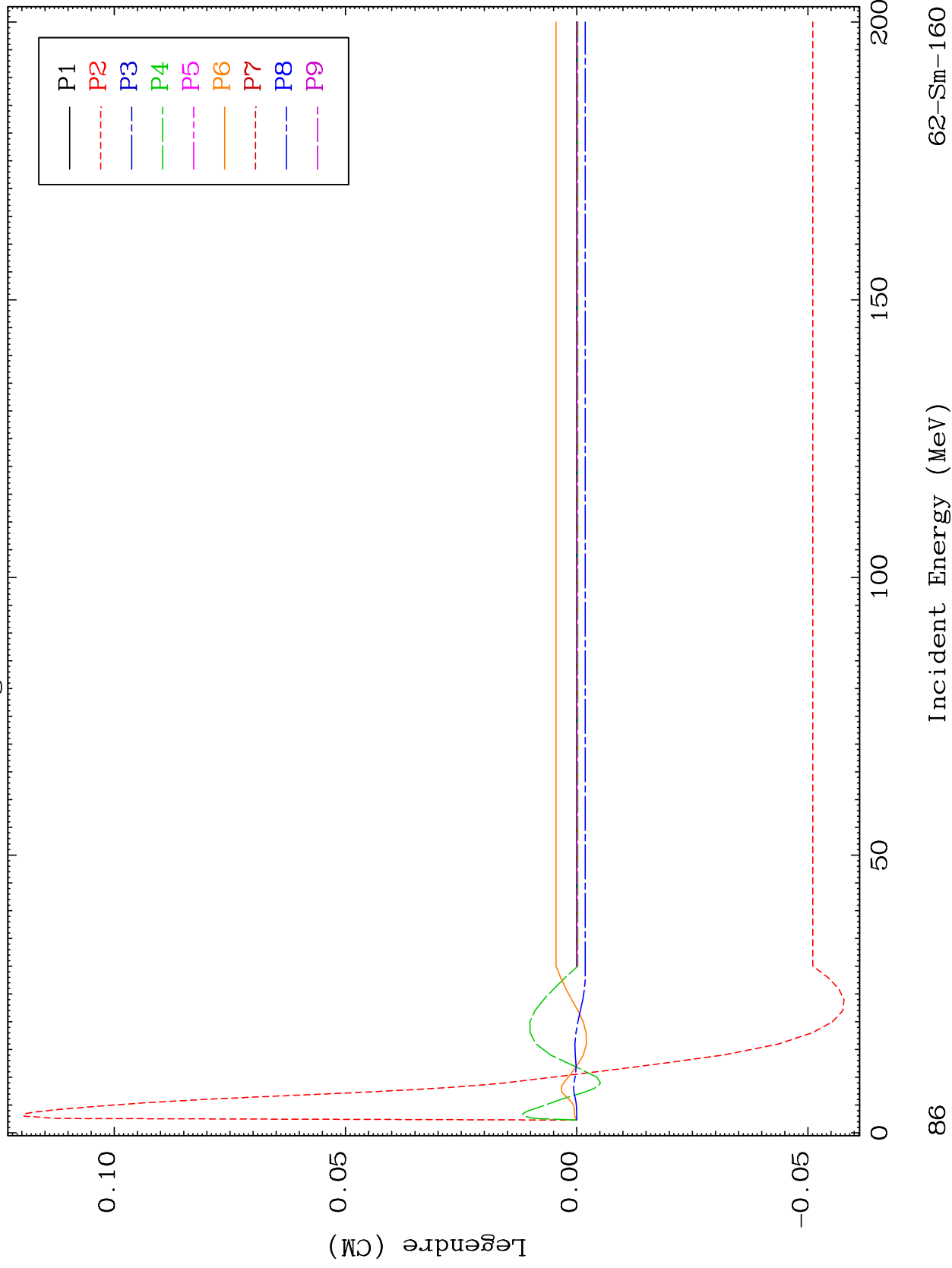
62-Sm-160



MAT 6273

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

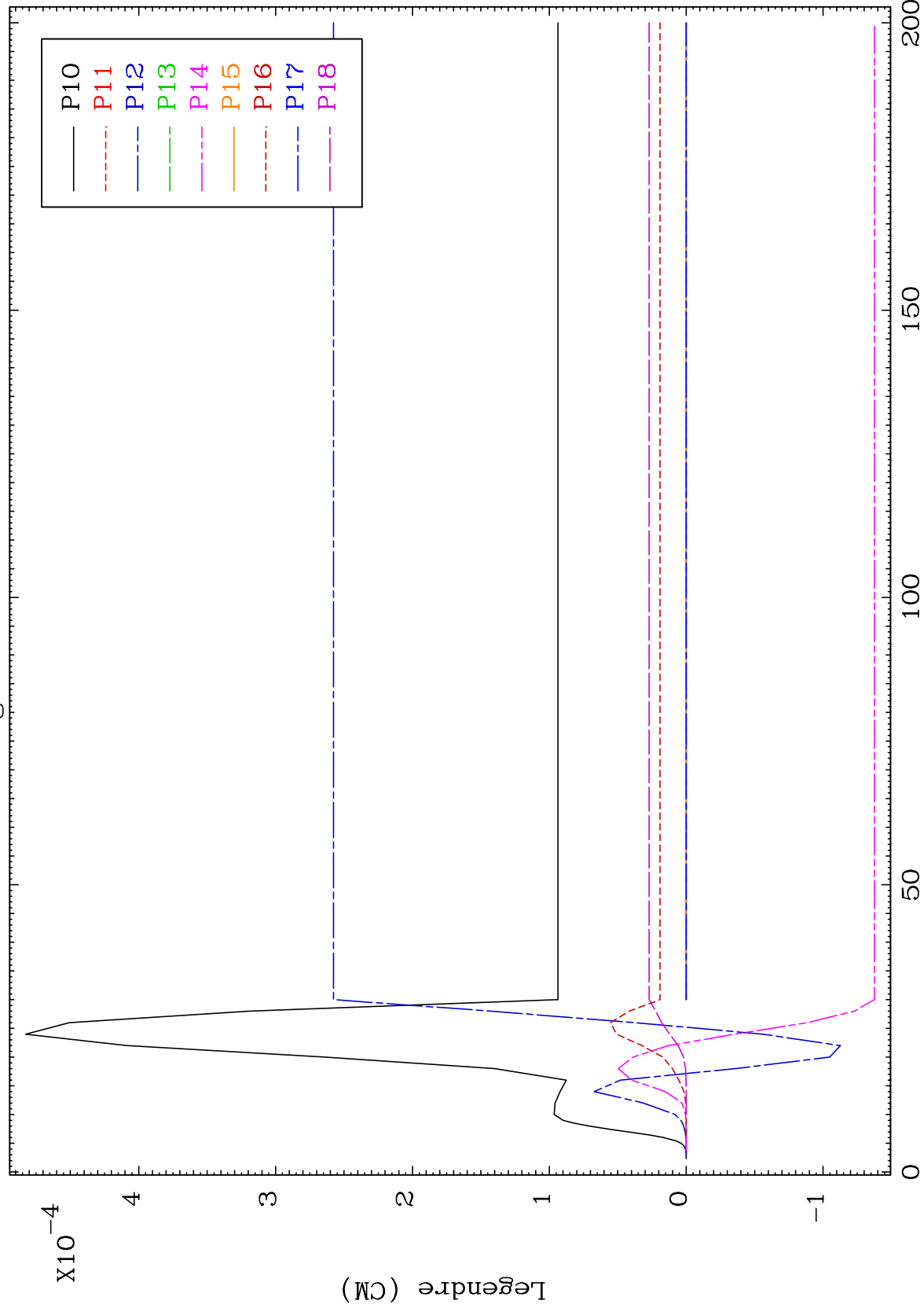
62-Sm-160



MAT 6273

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

62-Sm-160



87

Incident Energy (MeV)

62-Sm-160



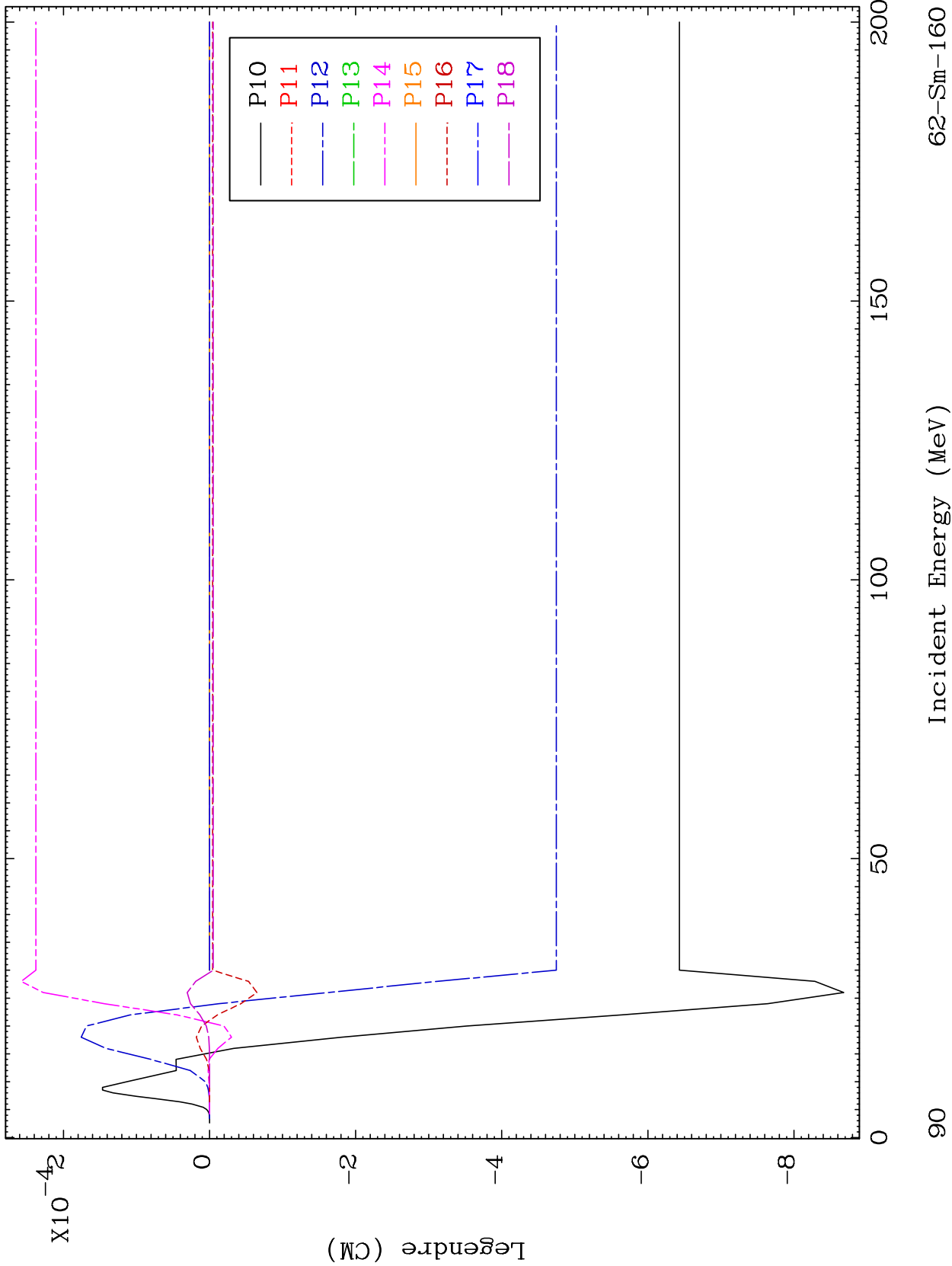




MAT 6273

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

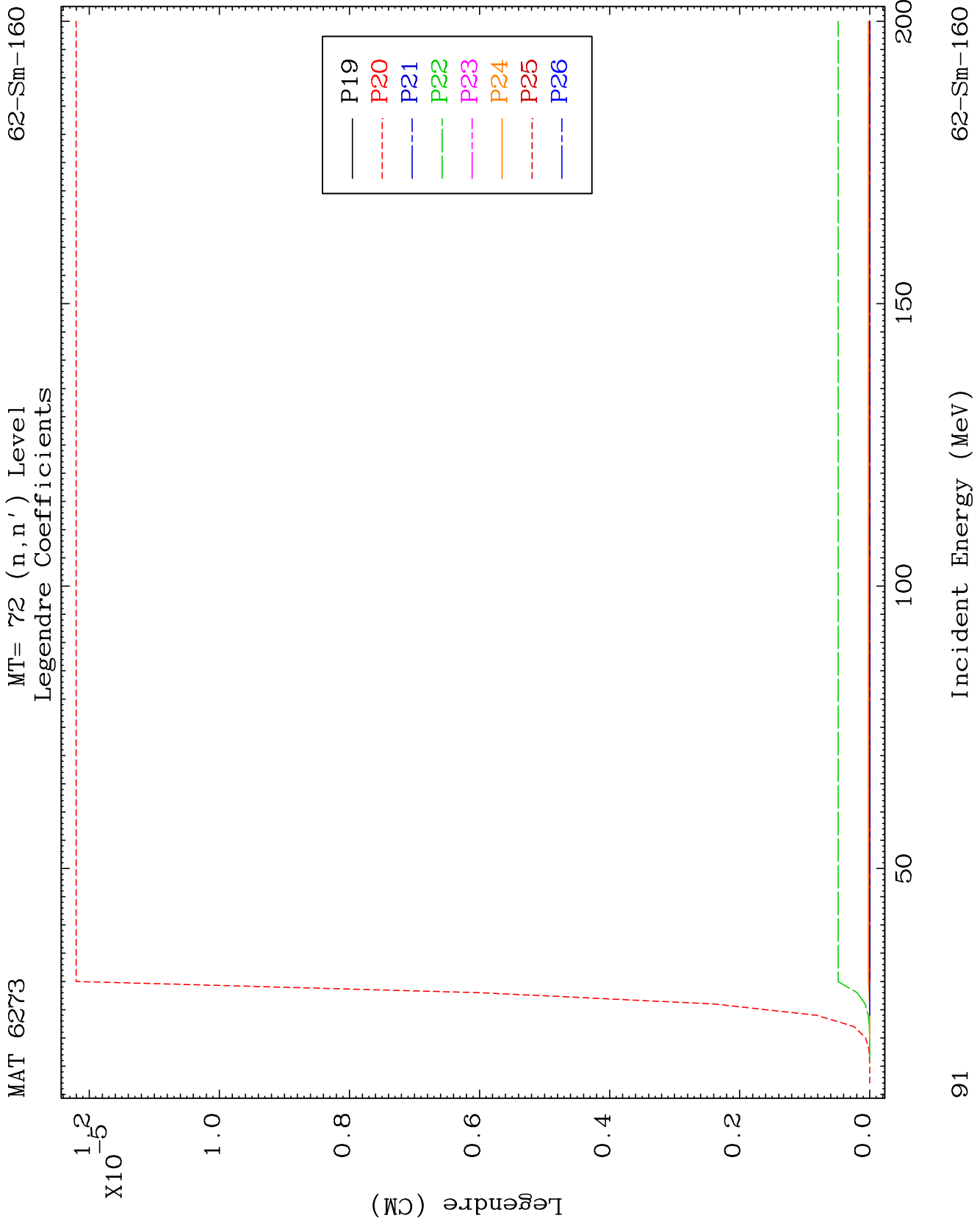
62-Sm-160

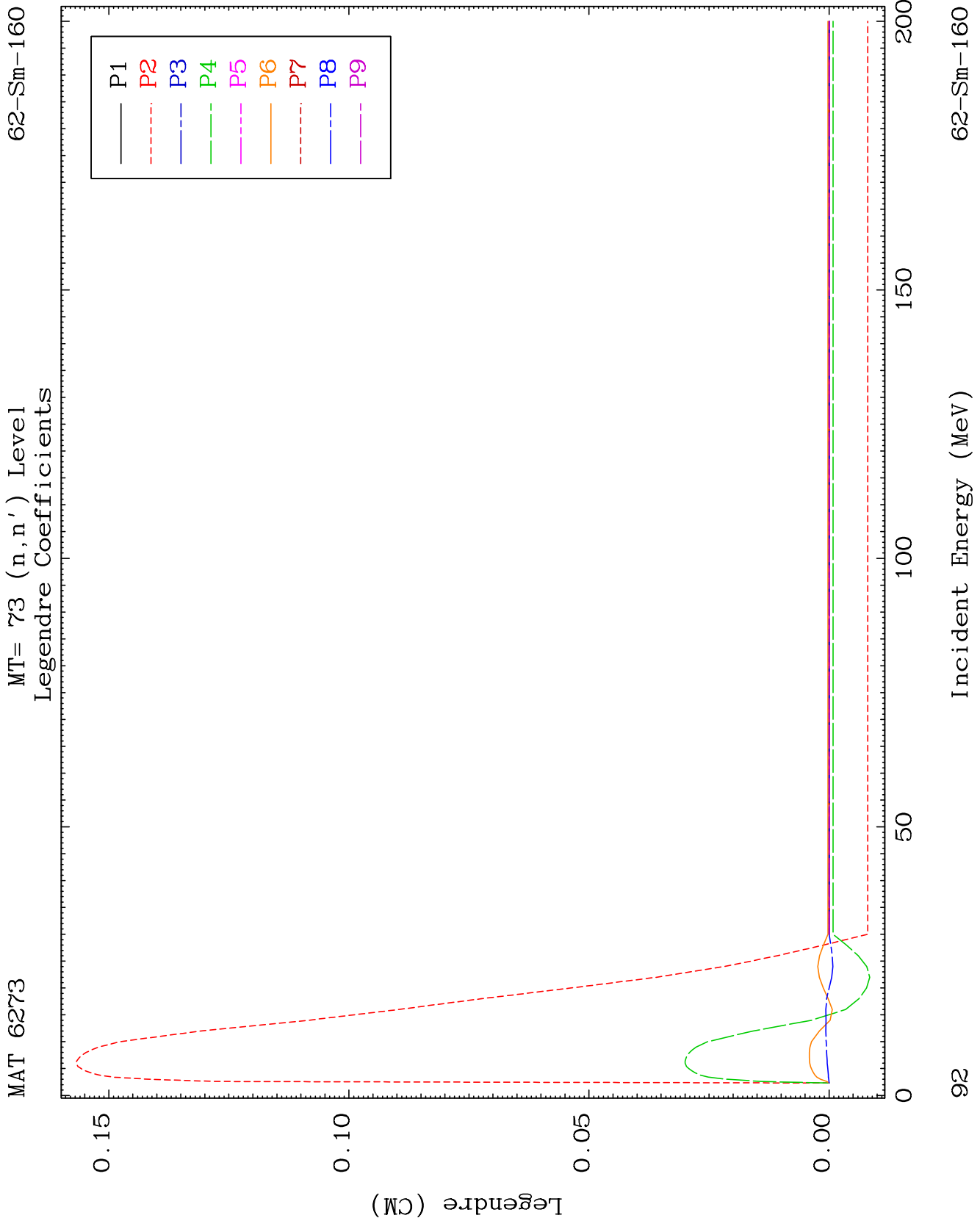


62-Sm-160

Incident Energy (MeV)

90

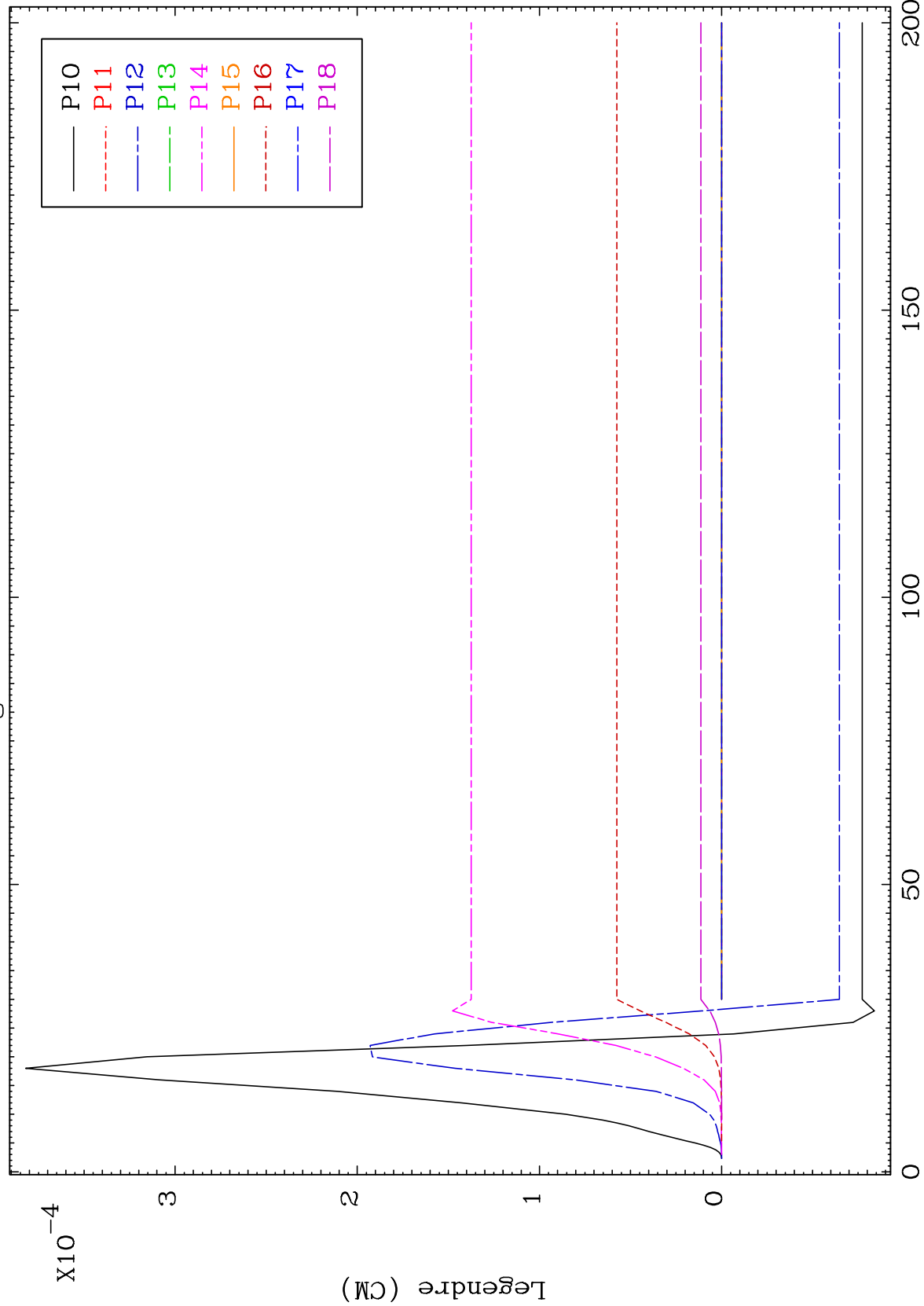




MAT 6273

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

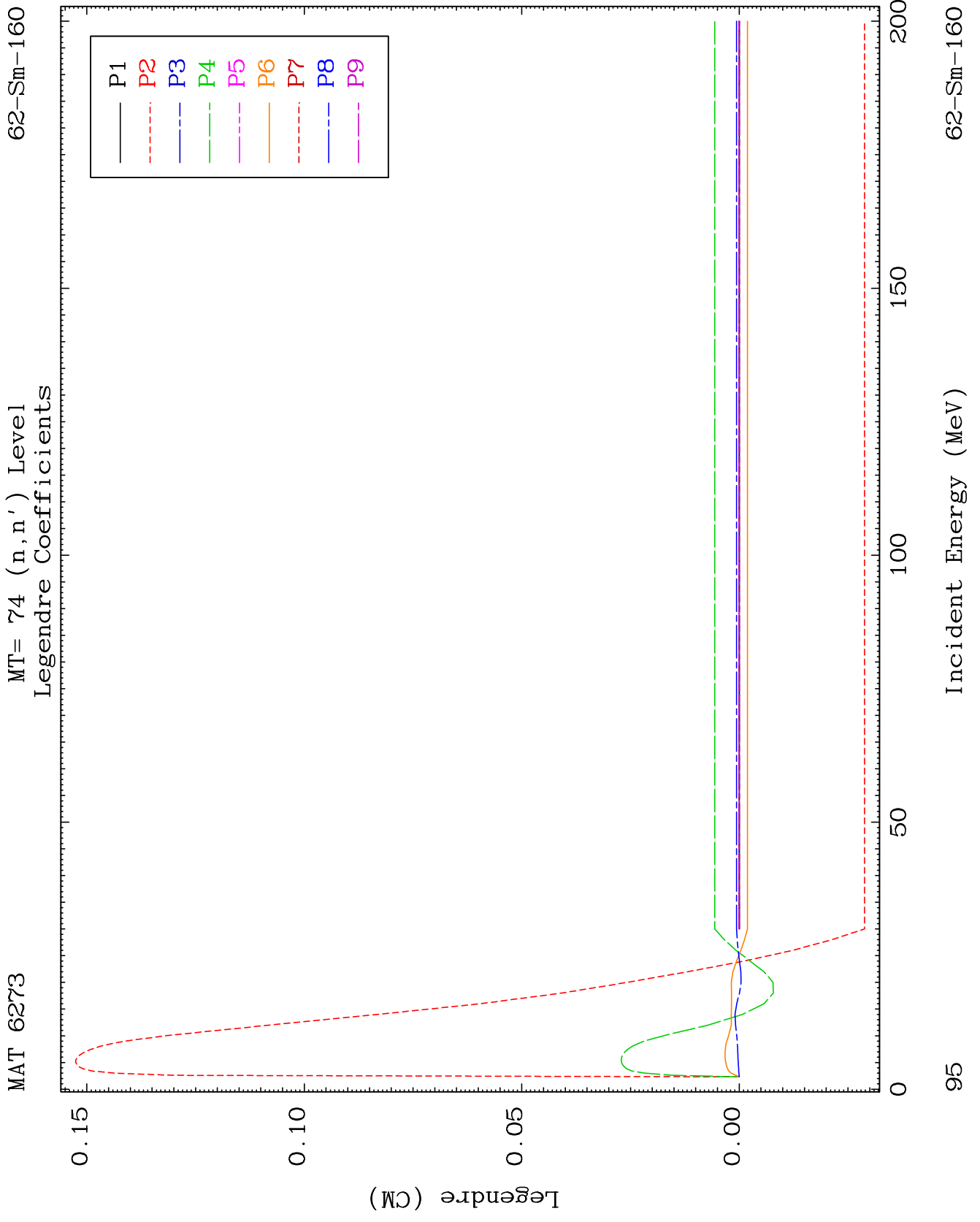
62-Sm-160



93

62-Sm-160



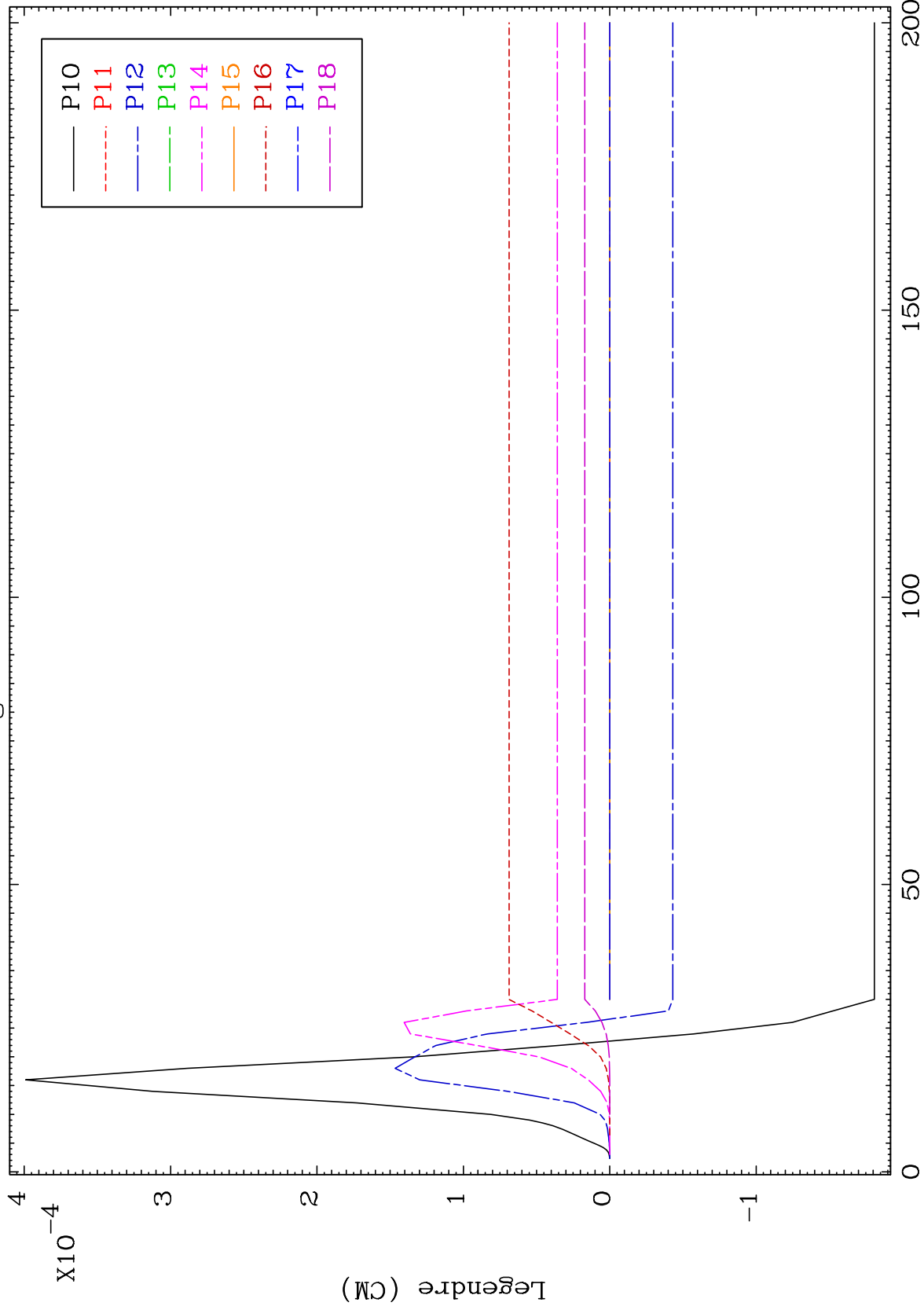




MAT 6273

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

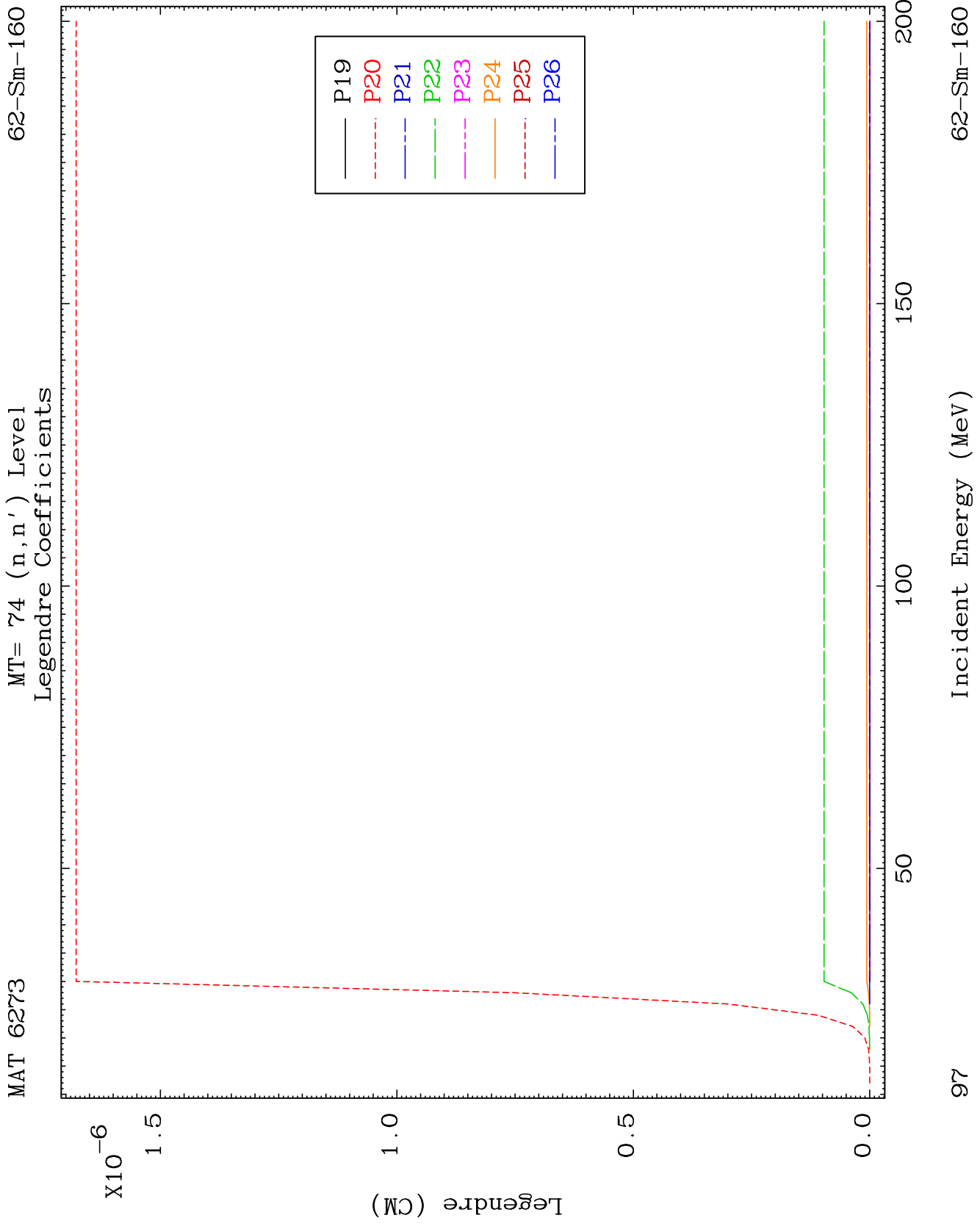
62-Sm-160

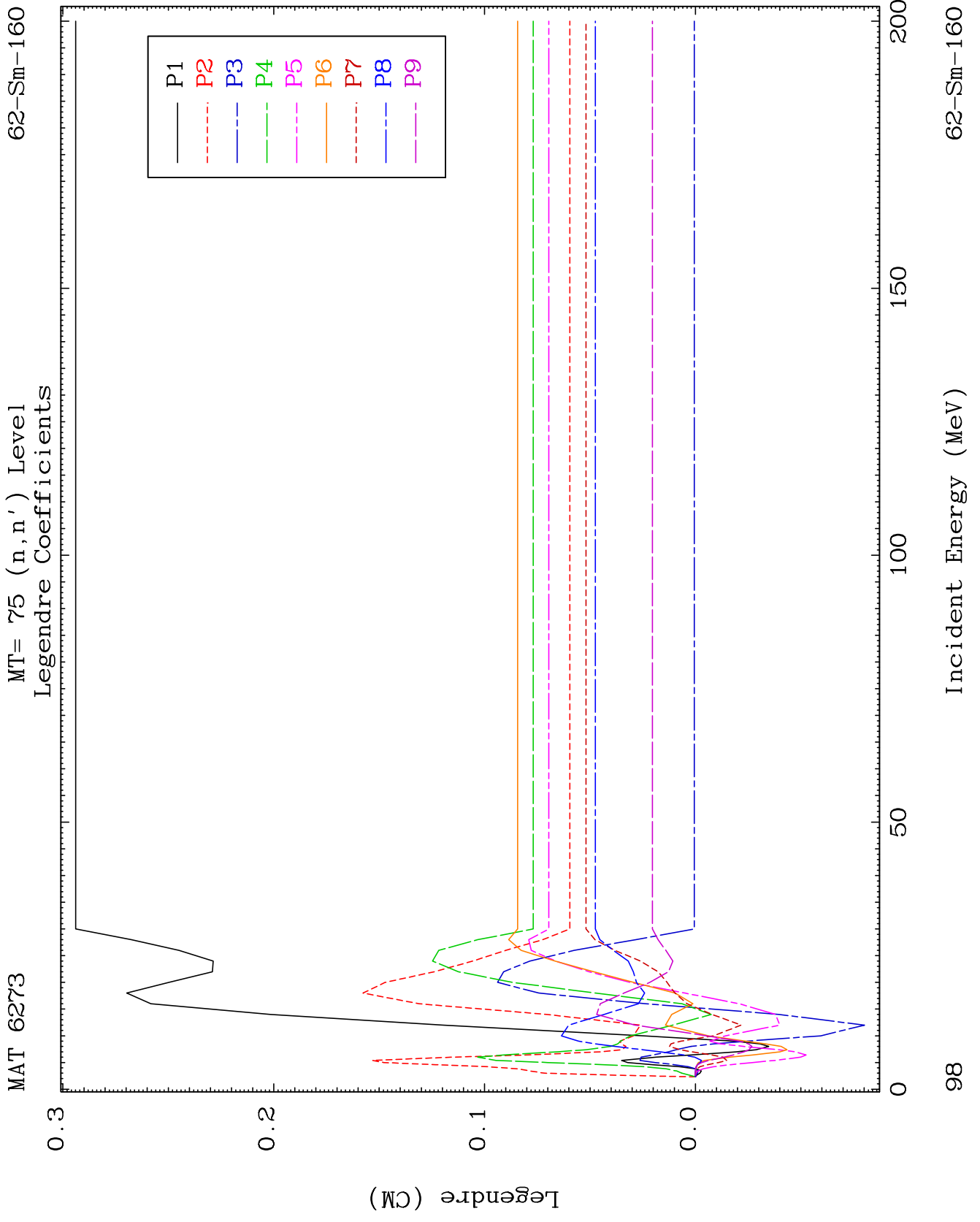


96

Incident Energy (MeV)

62-Sm-160

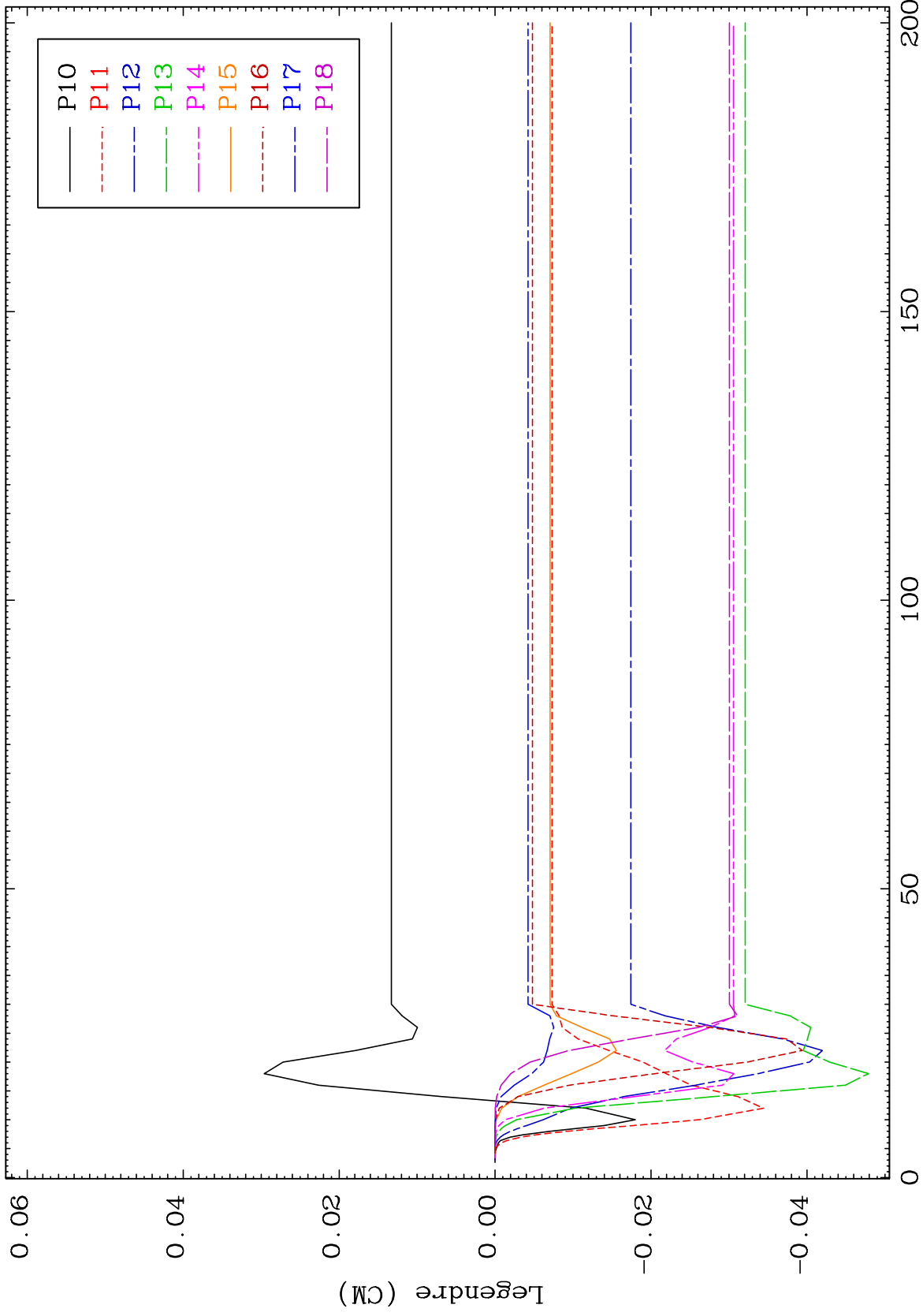




MAT 6273

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

62-Sm-160



99

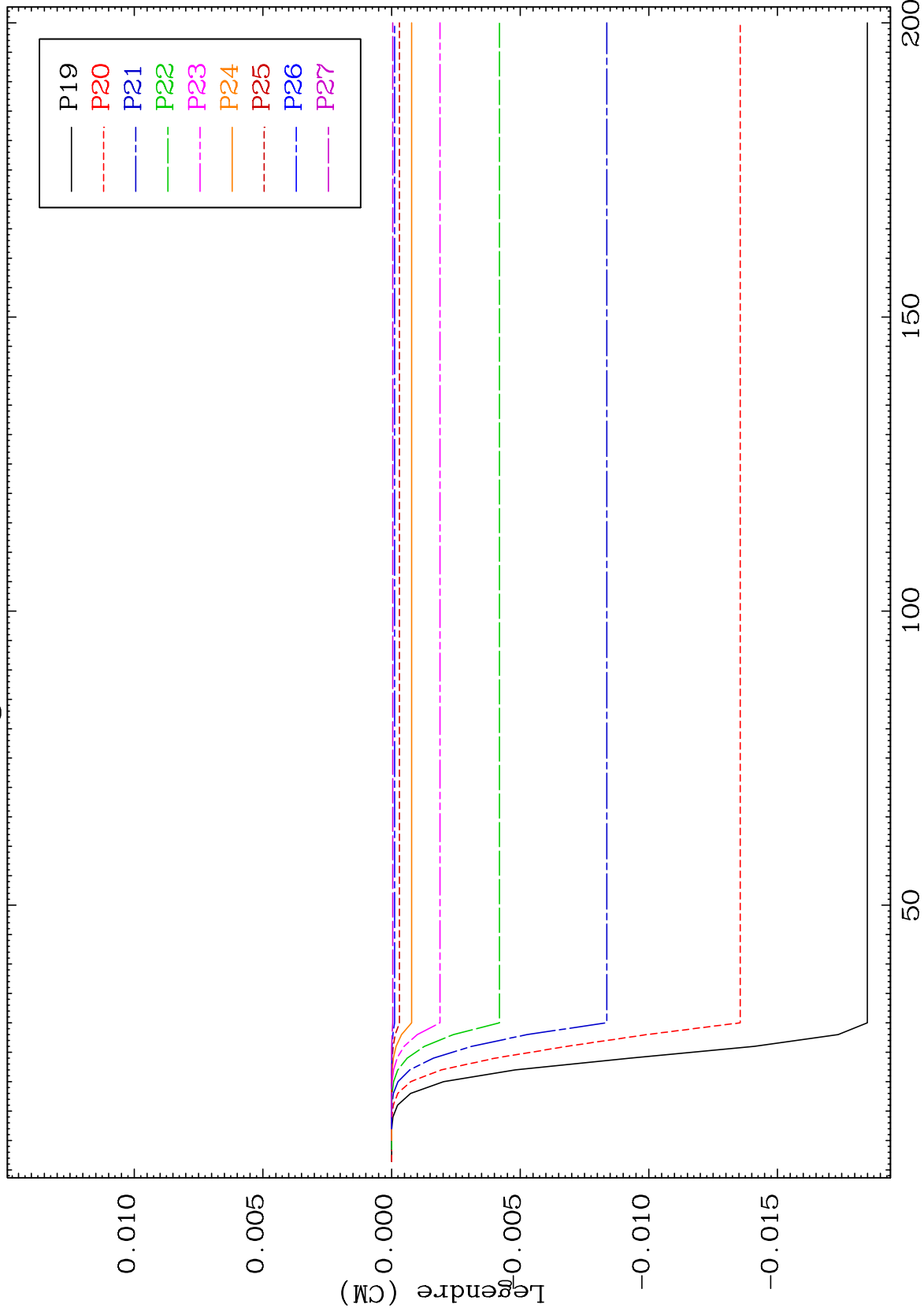
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

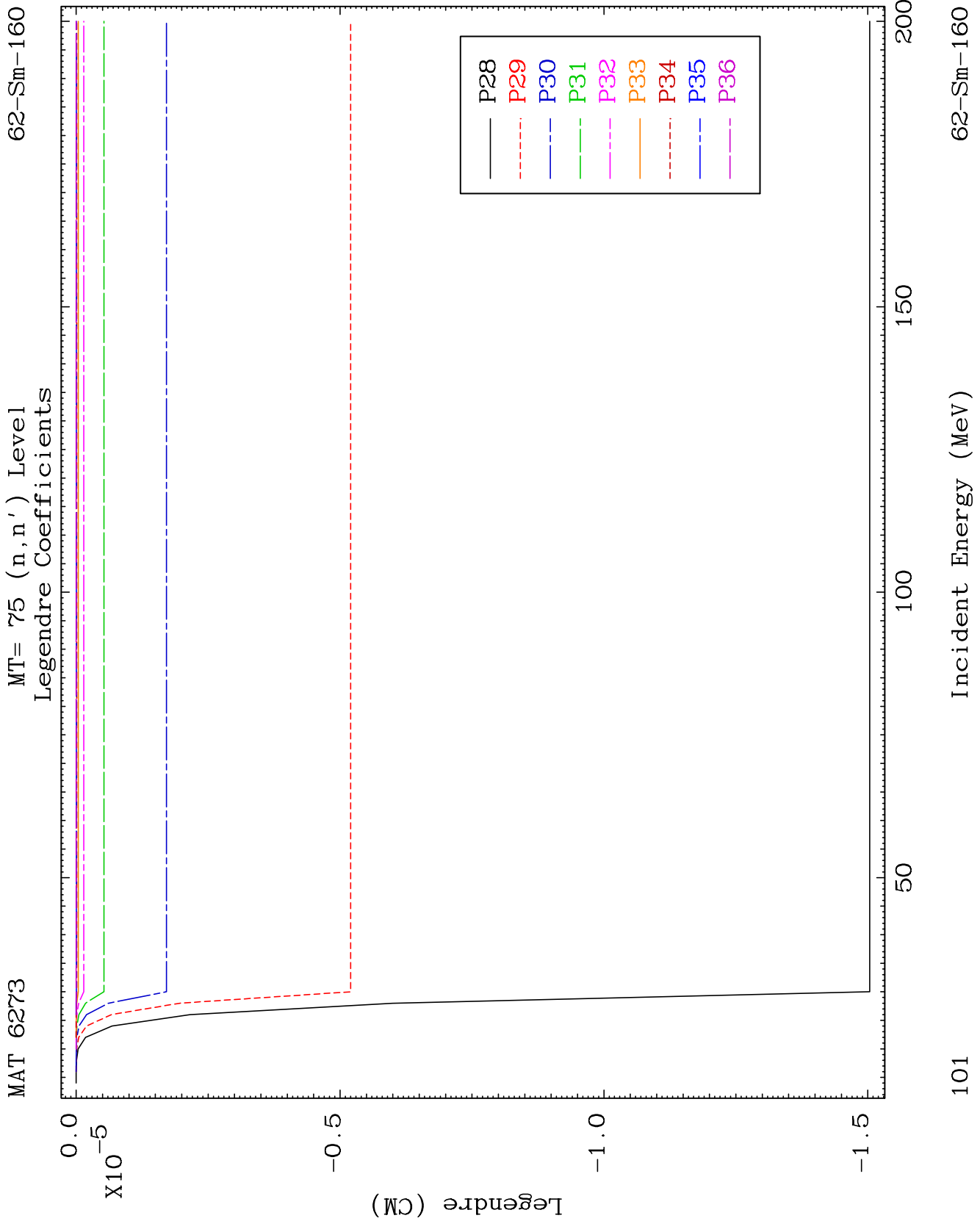
62-Sm-160

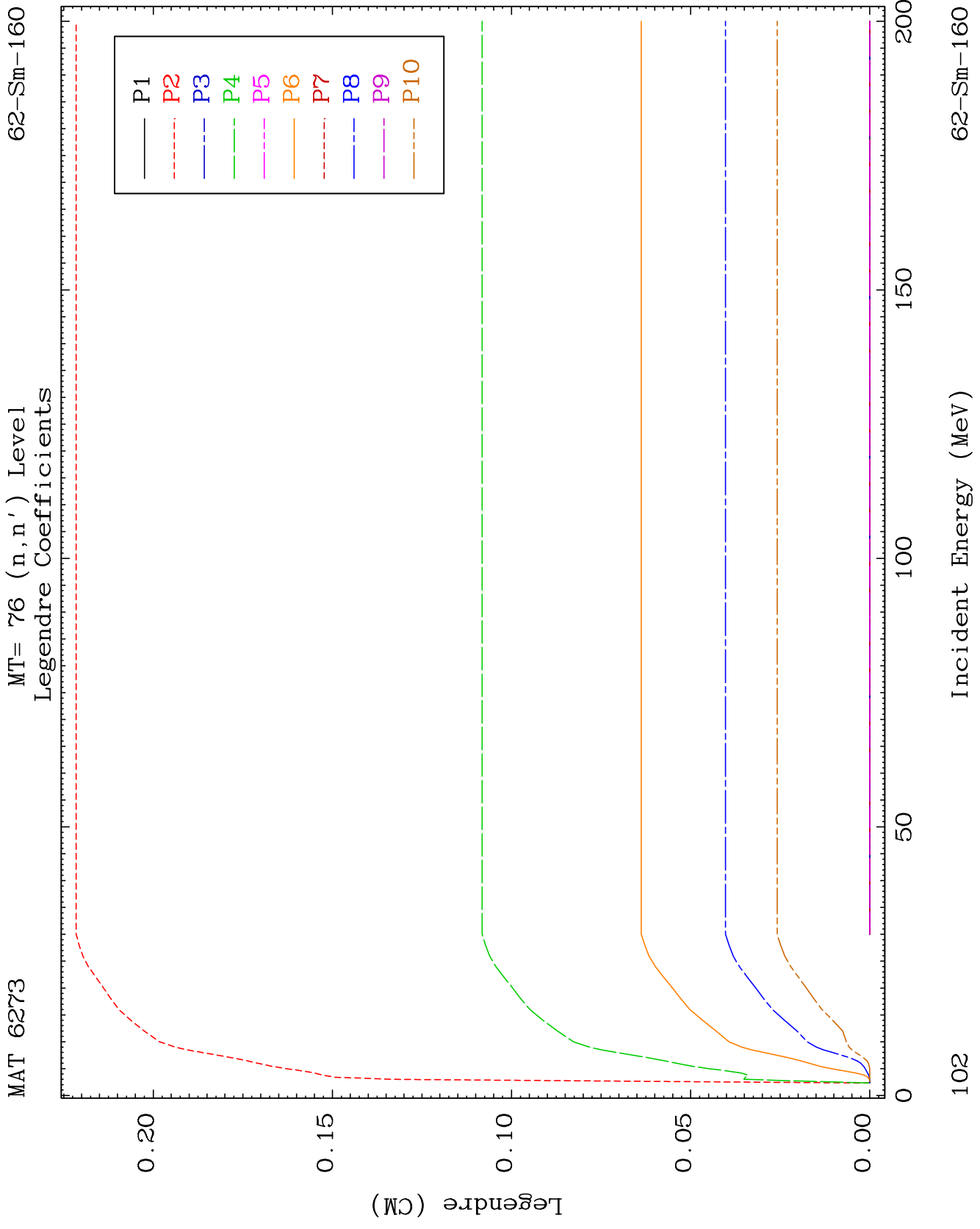


62-Sm-160

Incident Energy (MeV)

100

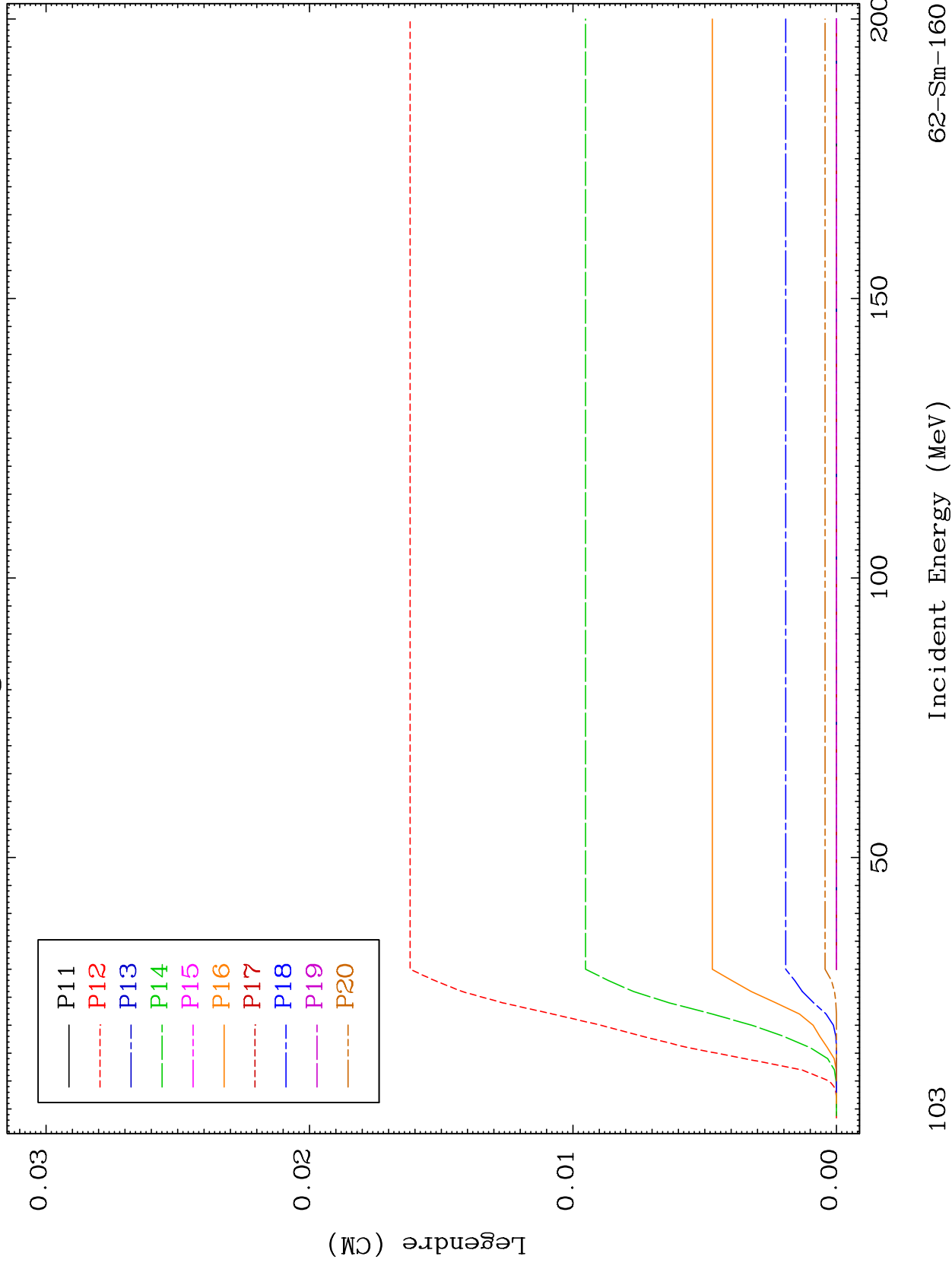




MAT 6273

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

62-Sm-160



103

Incident Energy (MeV)

62-Sm-160



