

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)

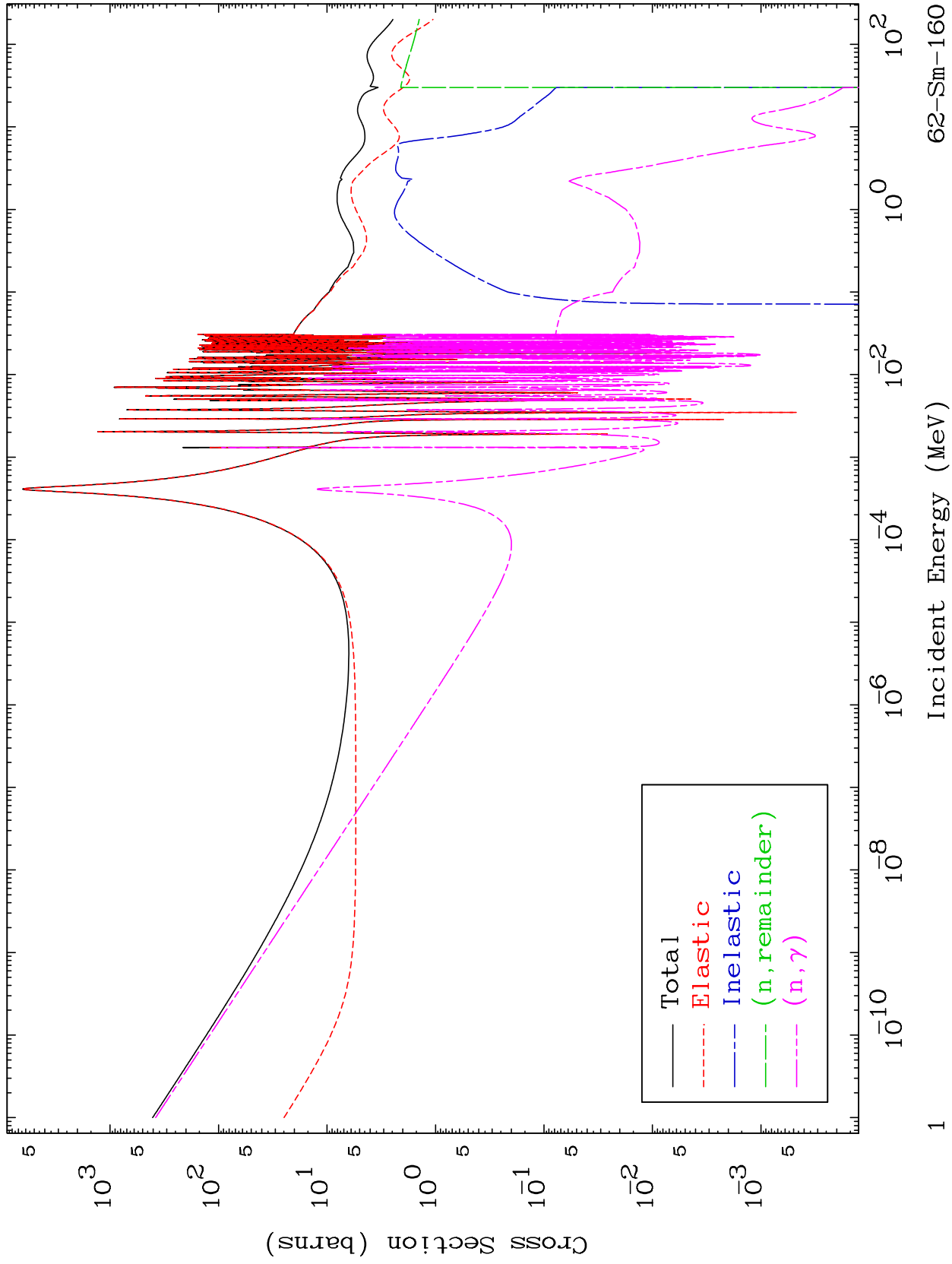
Press Mouse Button to Start

MAT 6273

Major

293 Kelvin Cross Sections

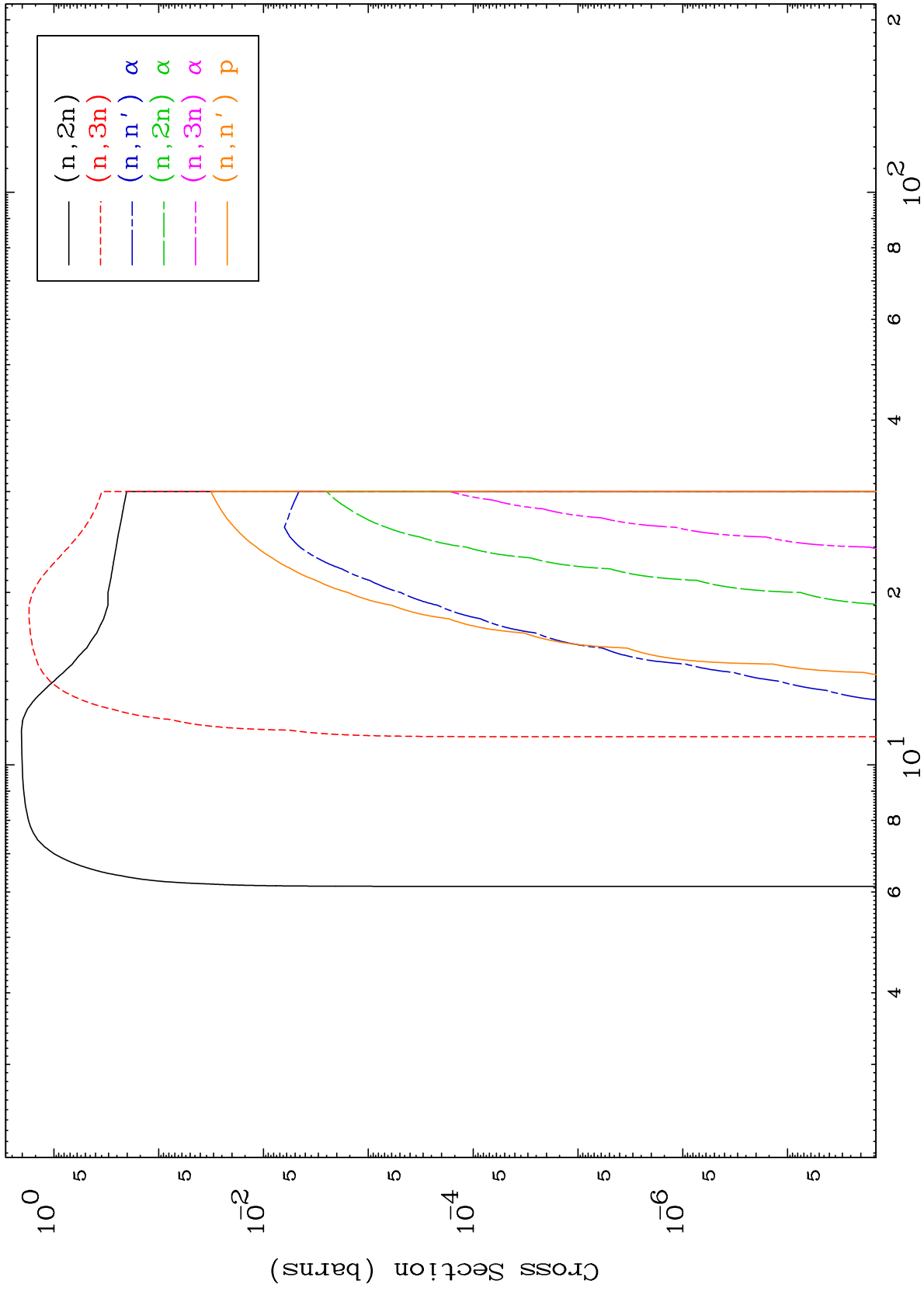
62-Sm-160



MAT 6273

### Neutron Production 293 Kelvin Cross Sections

62-Sm-160



2

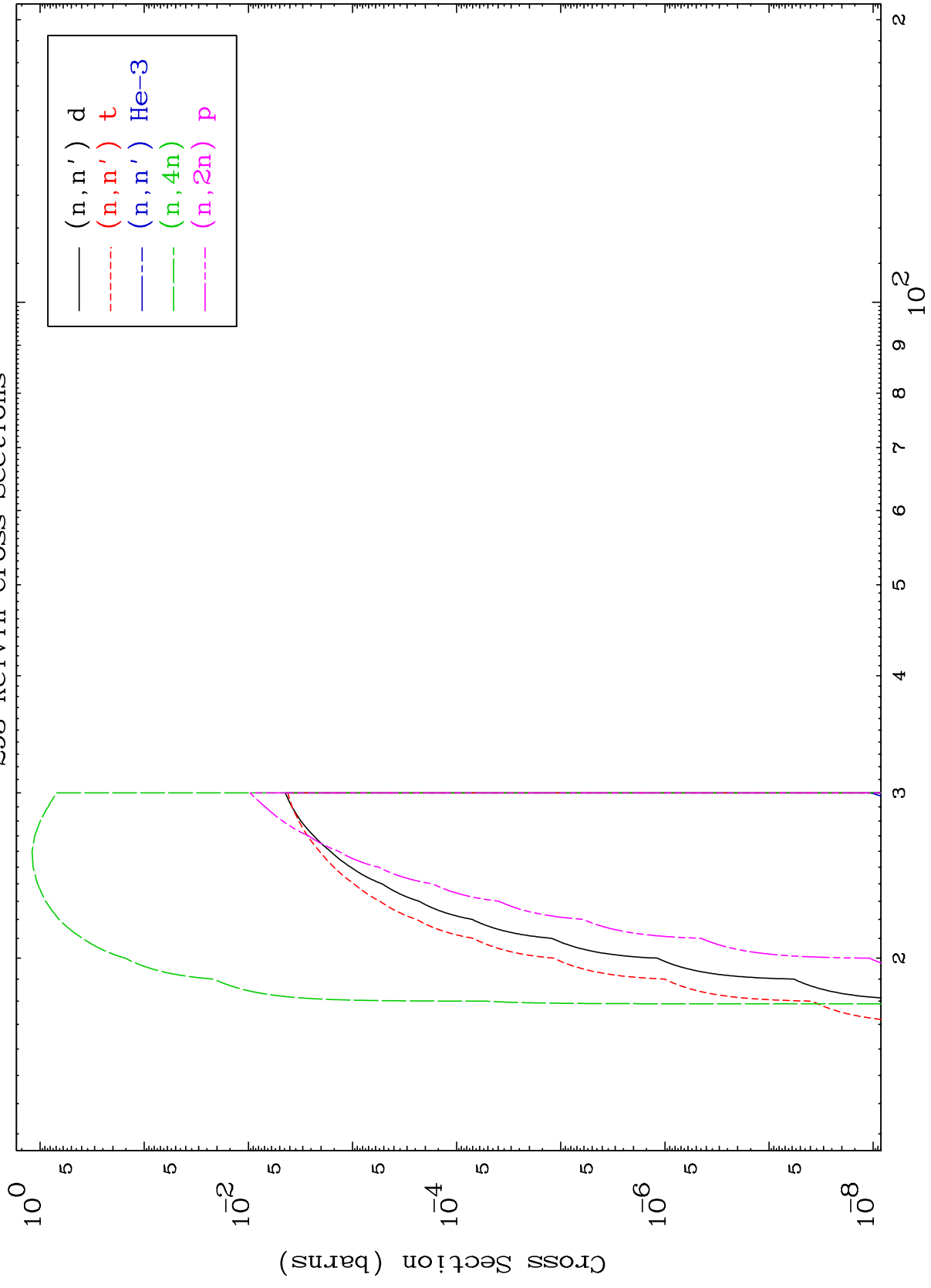
Incident Energy (MeV)

62-Sm-160

MAT 6273

Neutron Production  
293 Kelvin Cross Sections

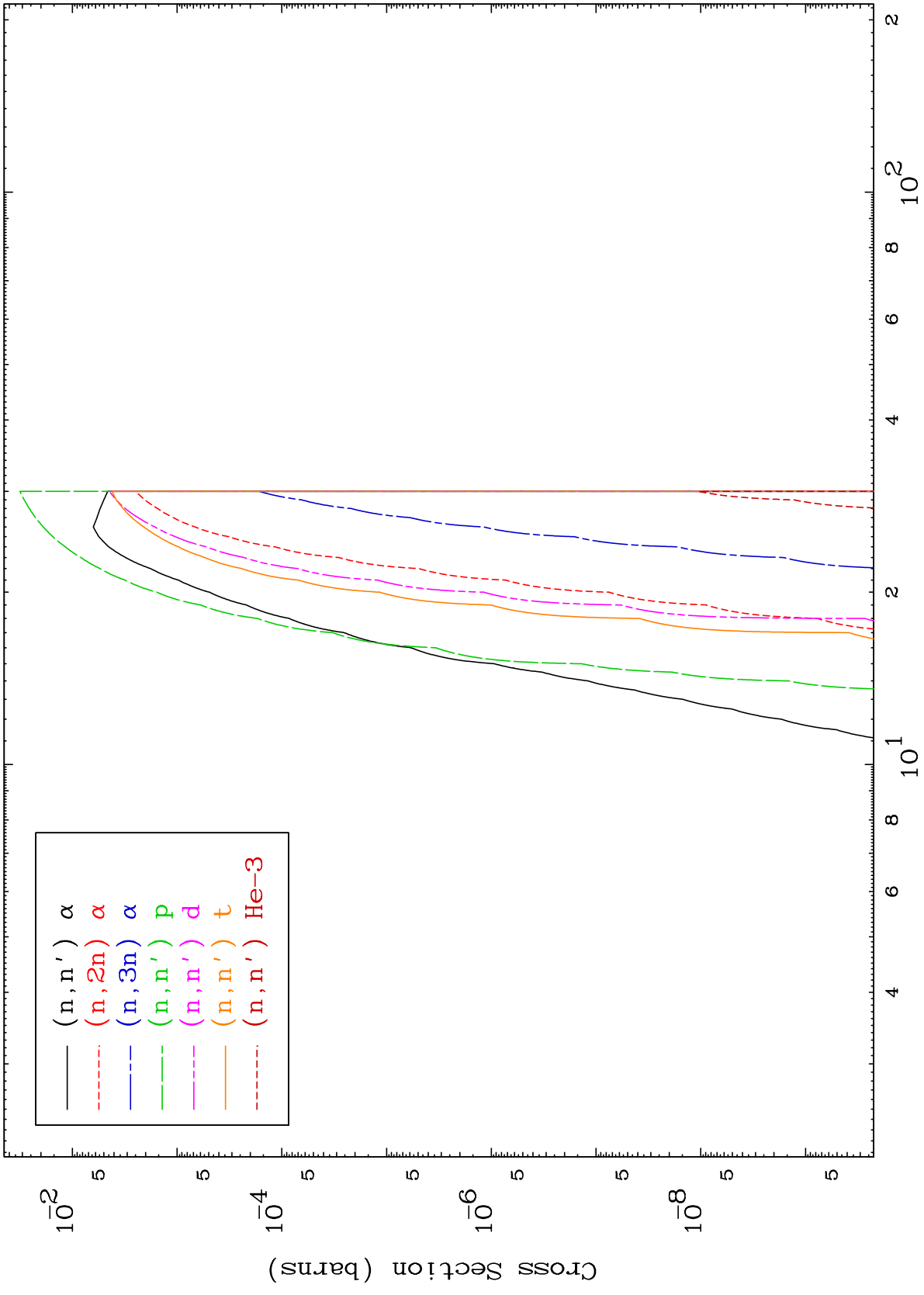
62-Sm-160



3

Incident Energy (MeV)

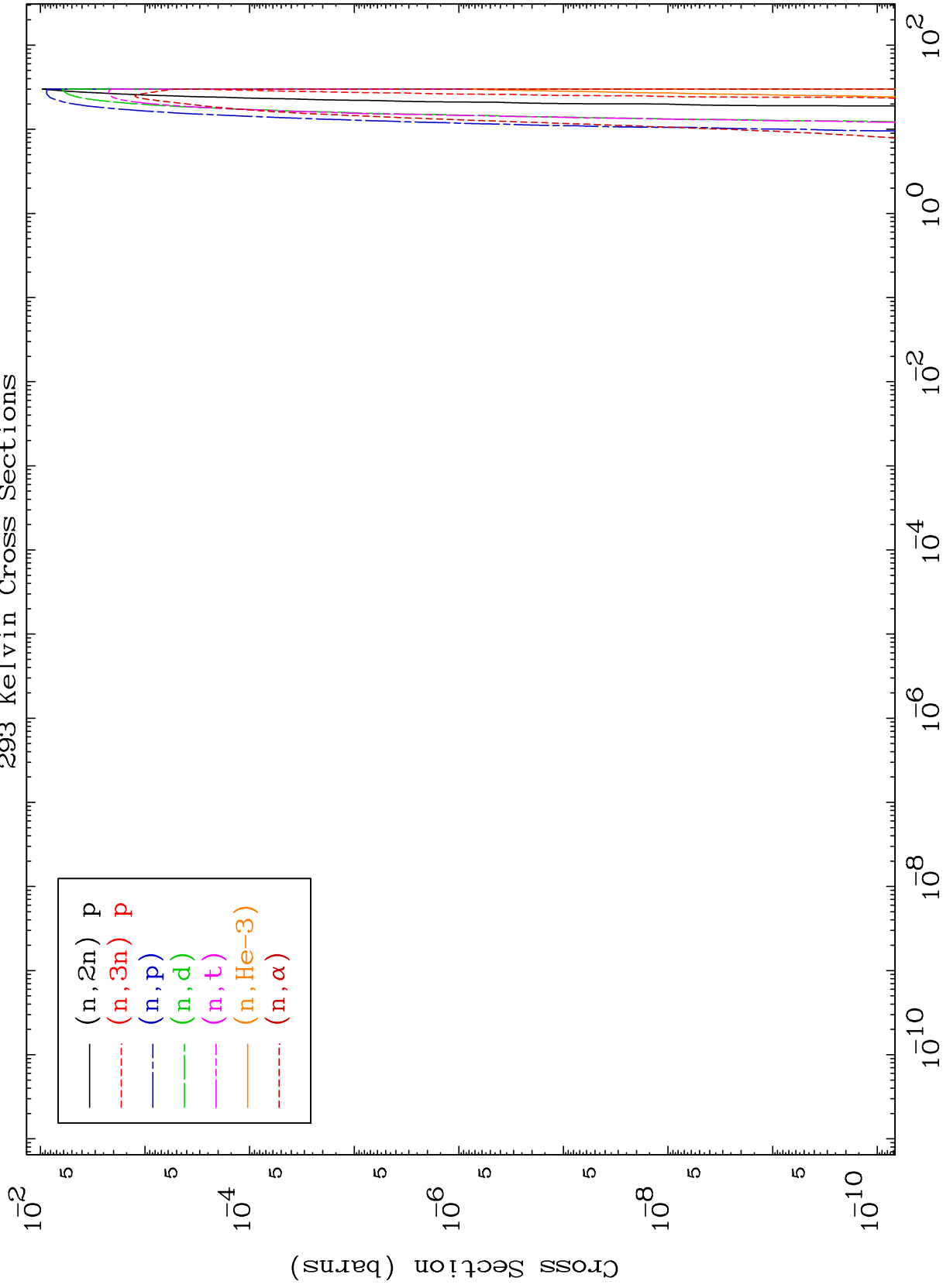
62-Sm-160



MAT 6273

293 Kelvin Cross Sections

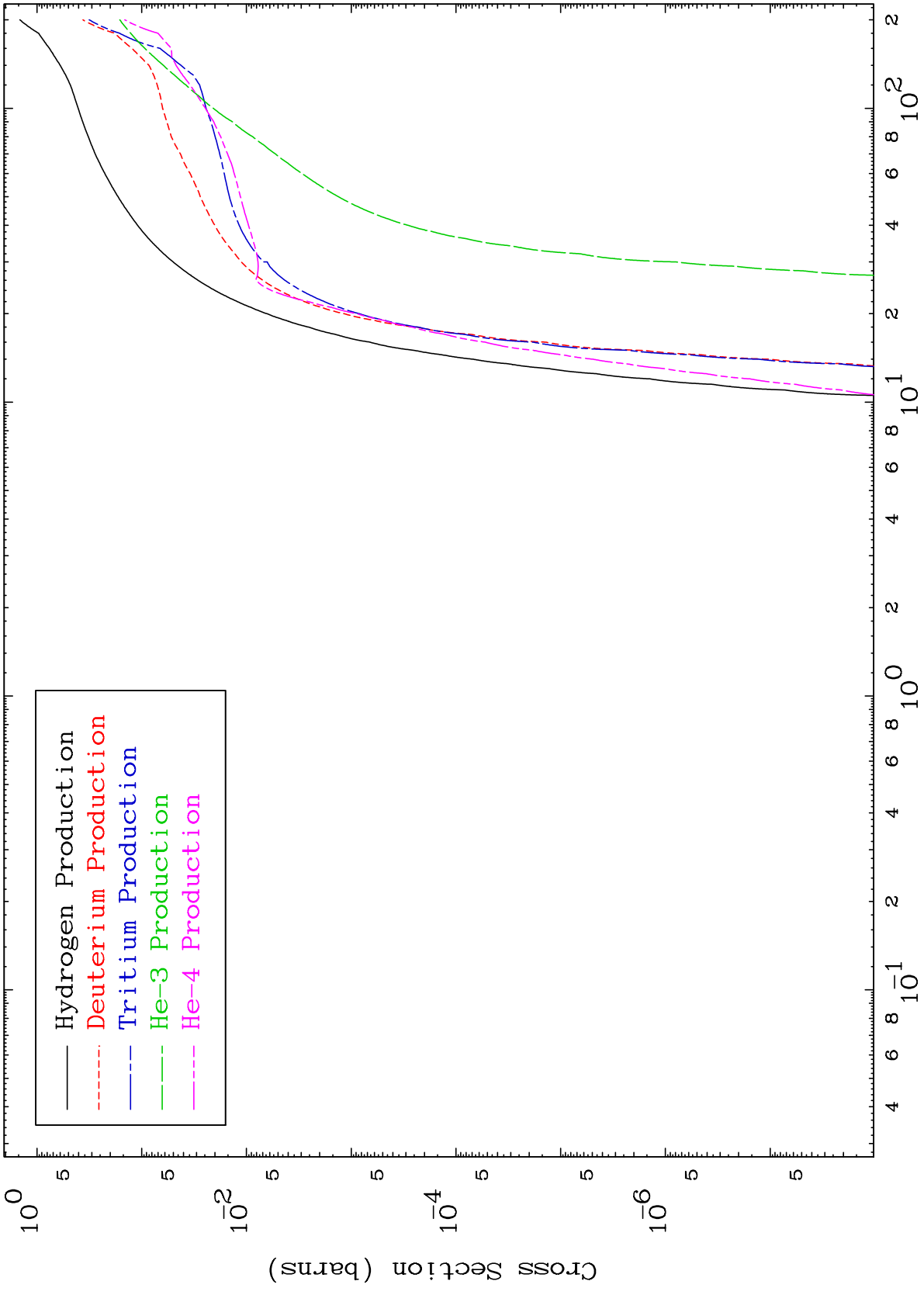
62-Sm-160



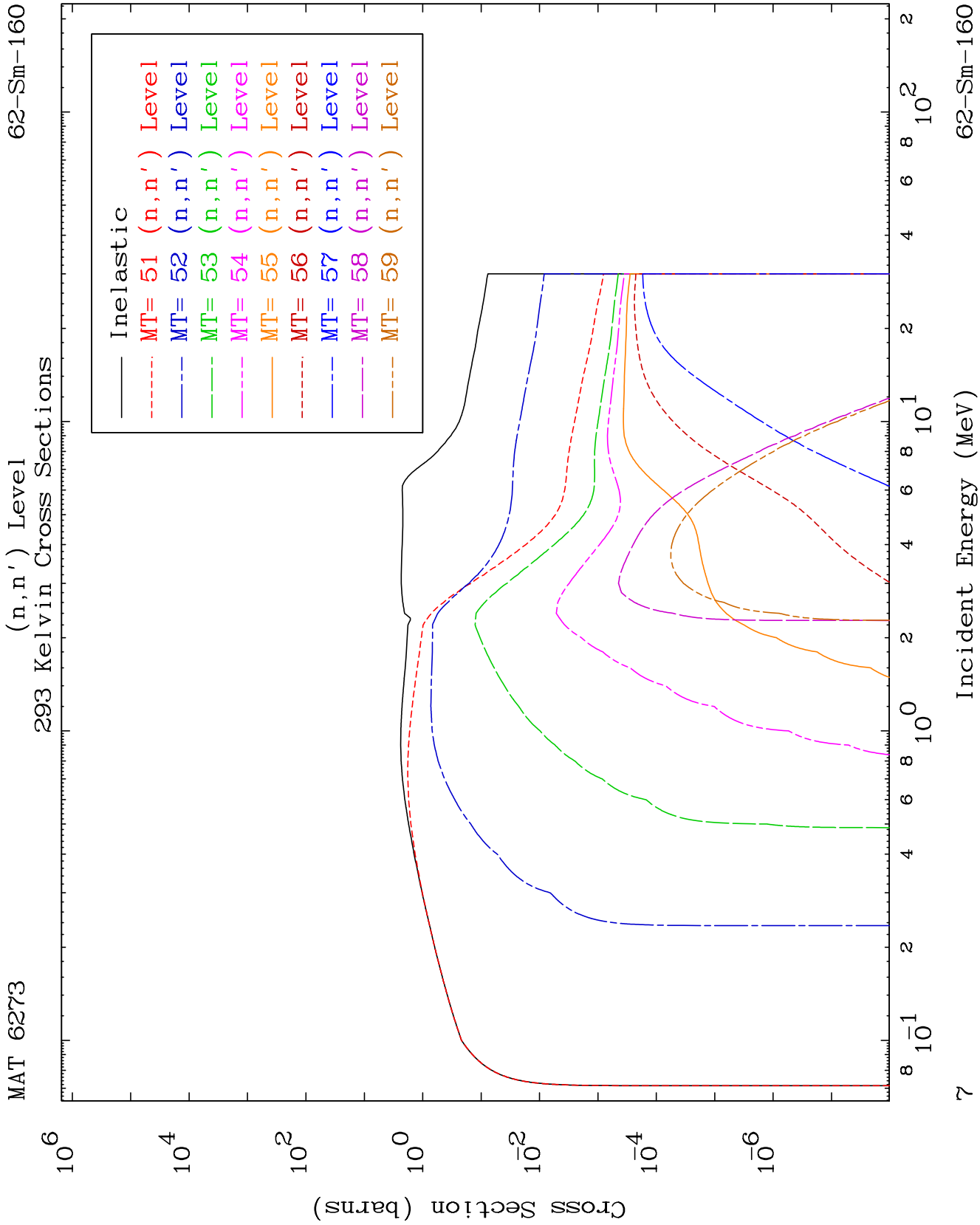
MAT 6273

Particle Production  
293 Kelvin Cross Sections

62-Sm-160



62-Sm-160

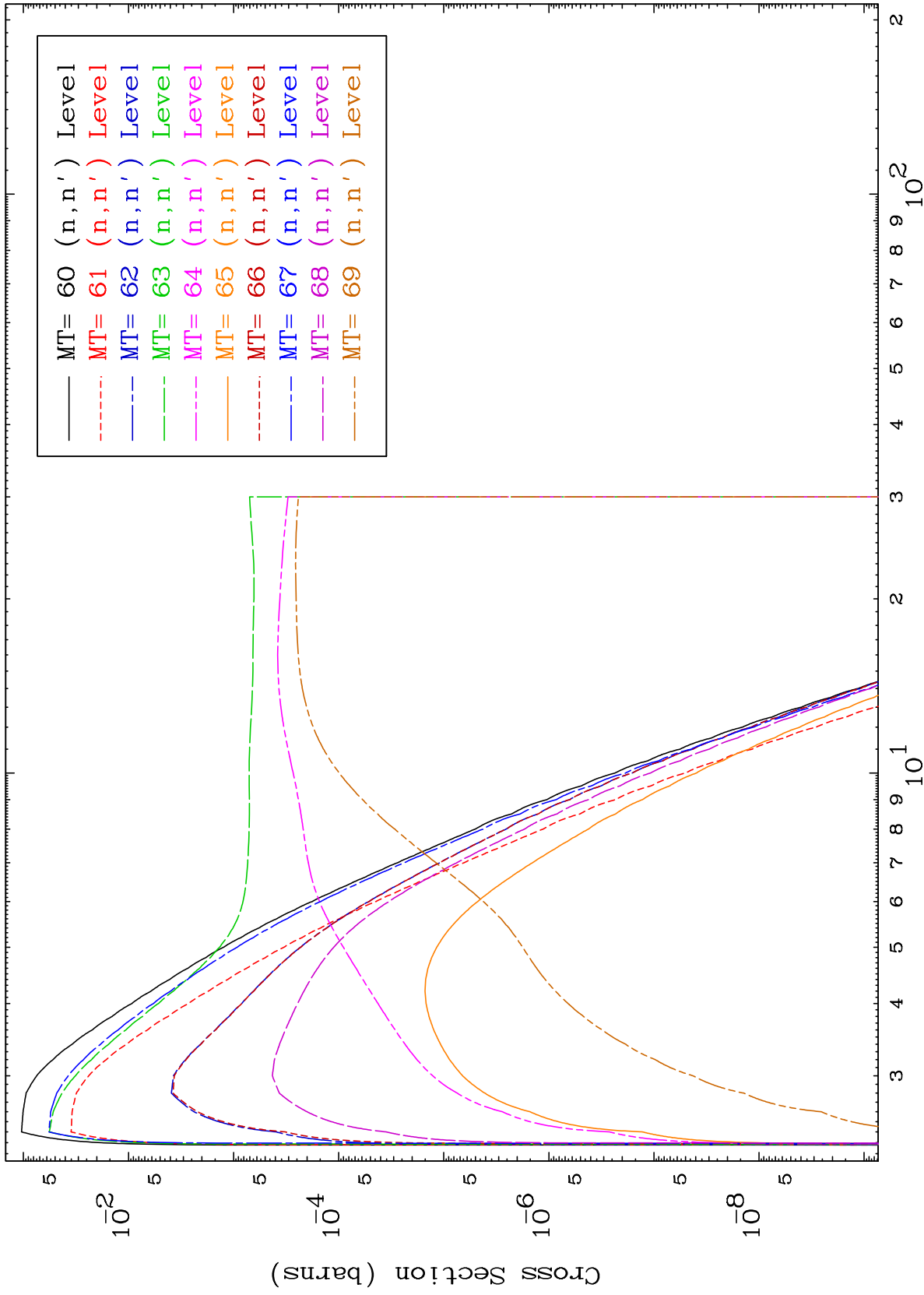




MAT 6273

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-160



8

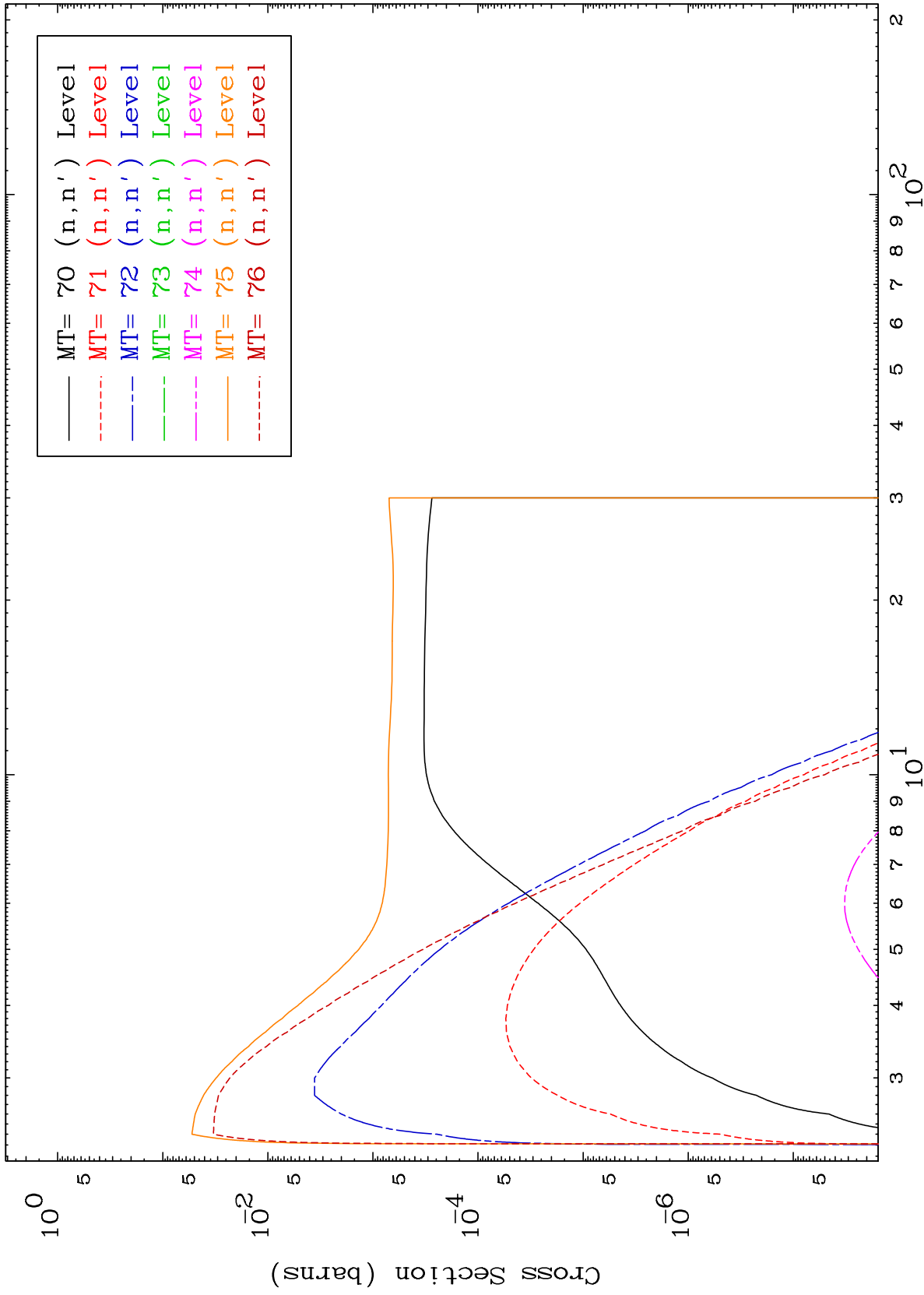
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-160



9

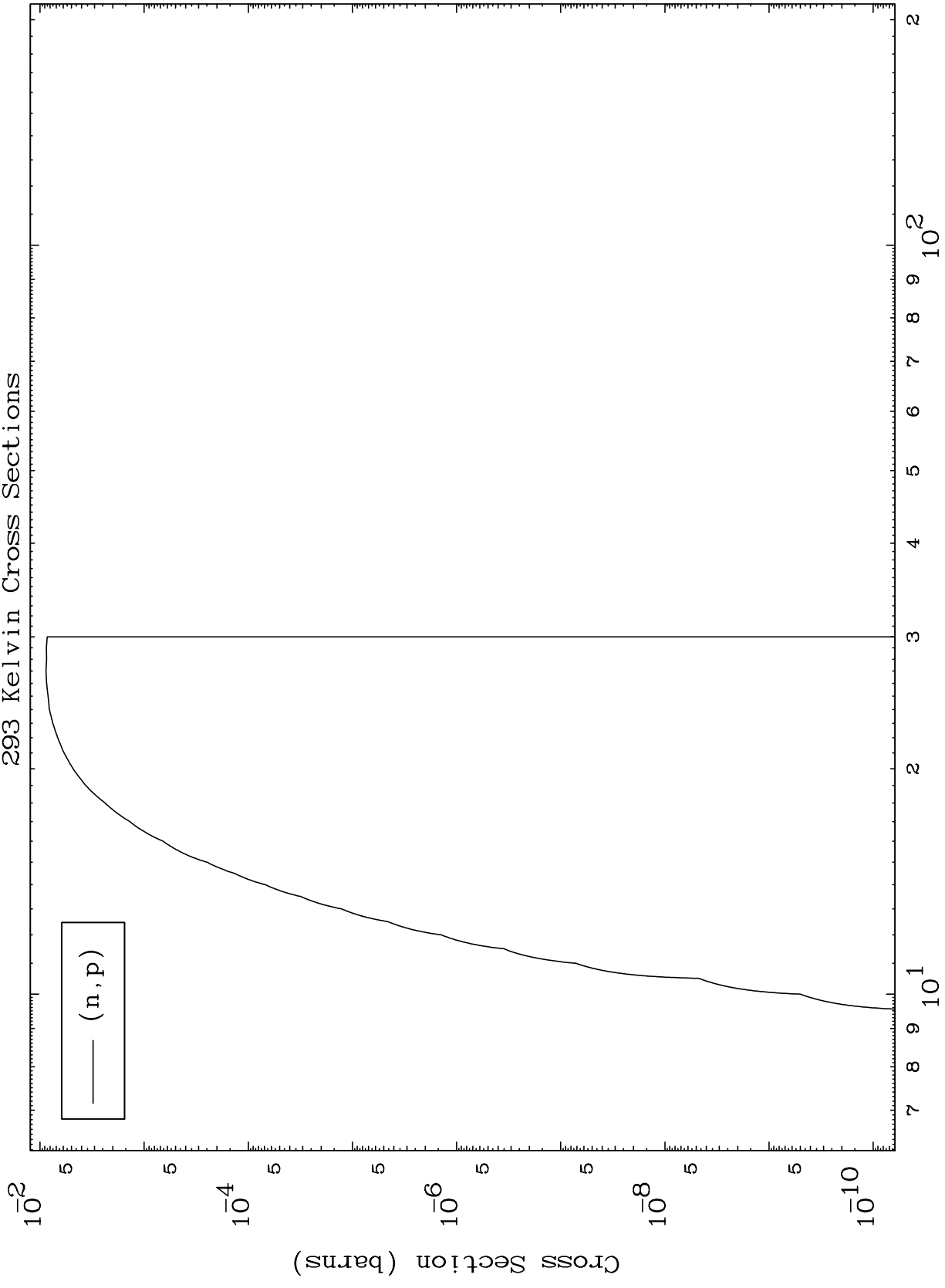
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-160



10

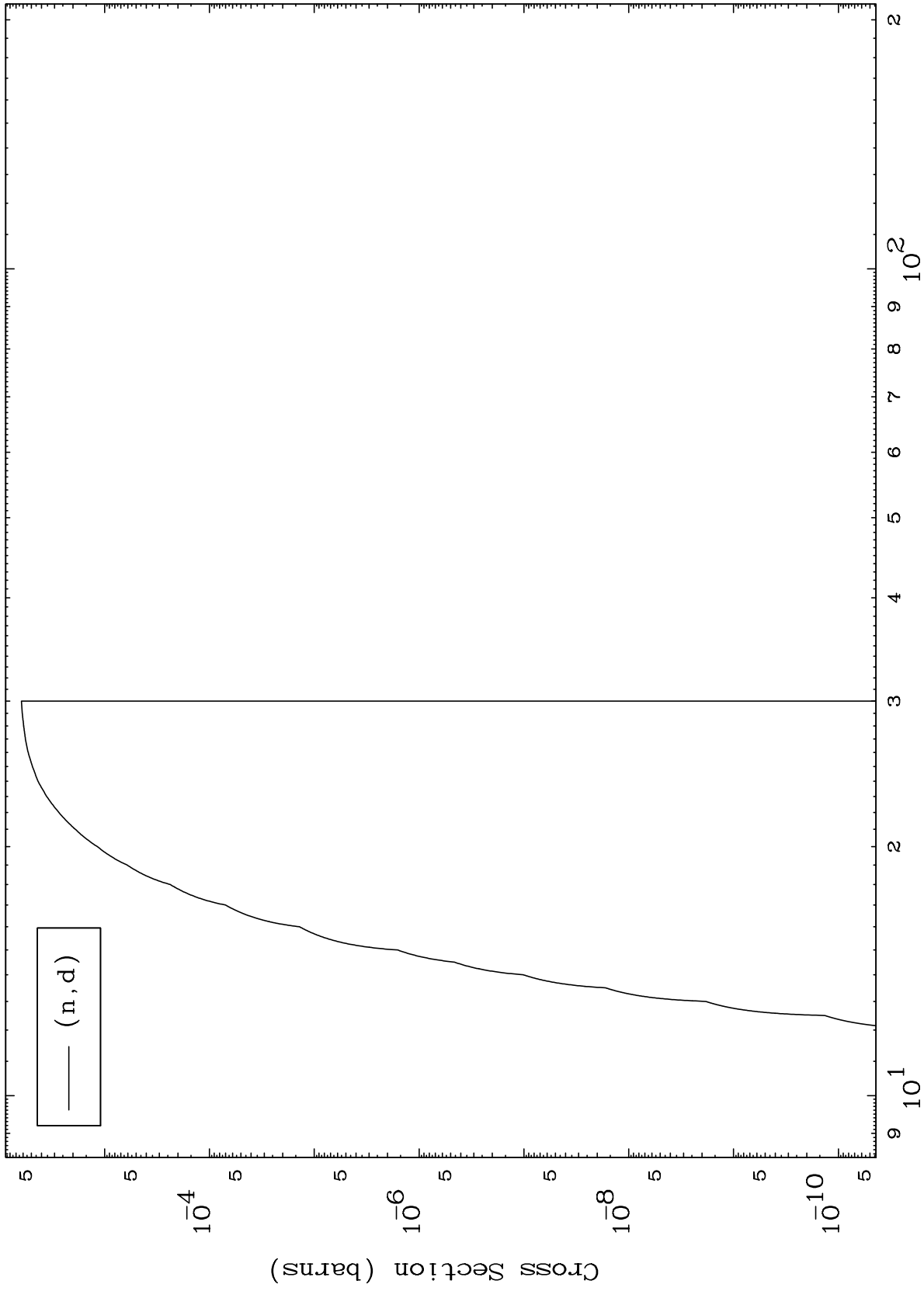
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-160



11

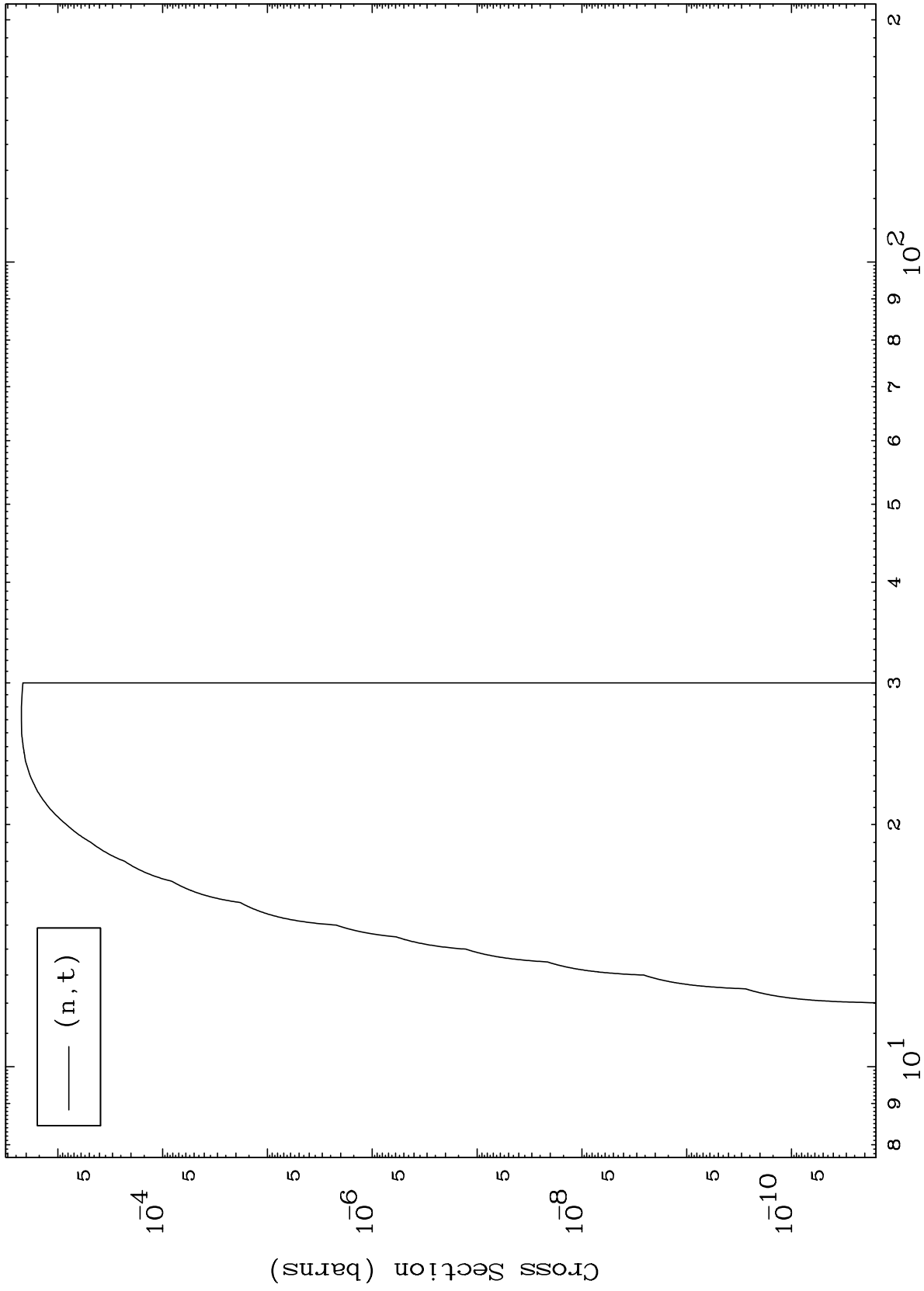
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-160



12

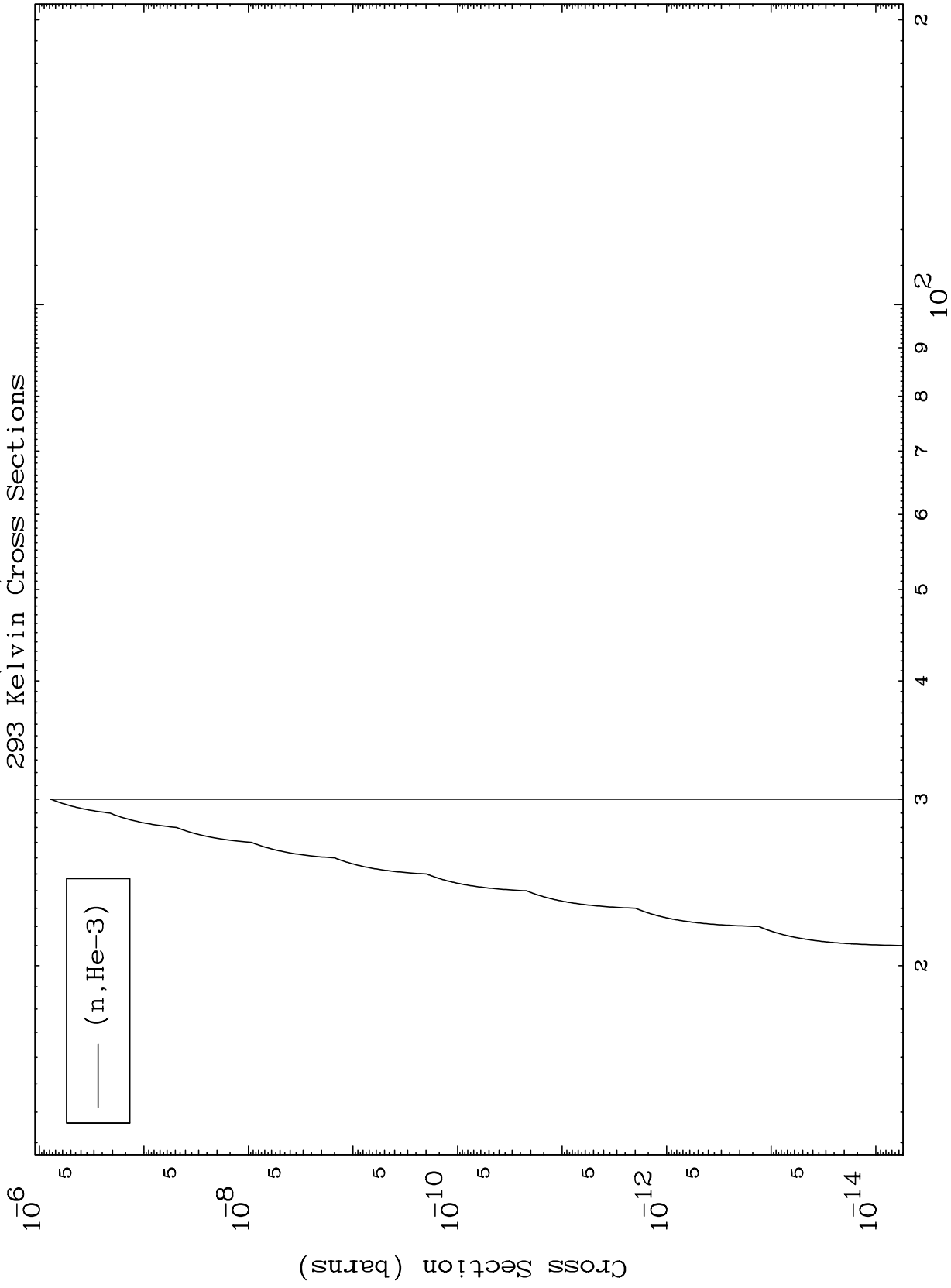
Incident Energy (MeV)

62-Sm-160

MAT 6273

62-Sm-160

(n,He3) Levels  
293 Kelvin Cross Sections



13

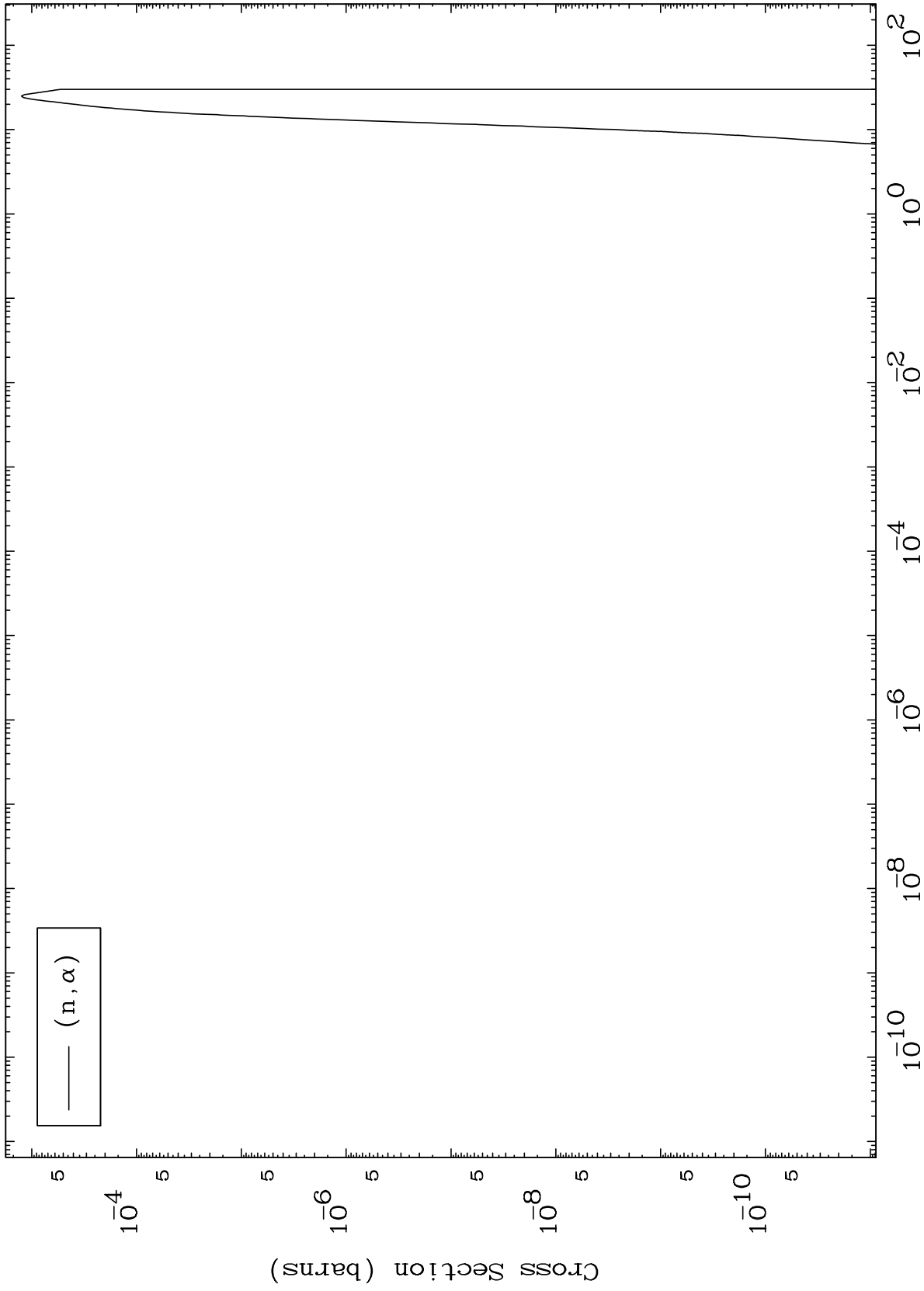
Incident Energy (MeV)

62-Sm-160

MAT 6273

(n,α) Levels  
293 Kelvin Cross Sections

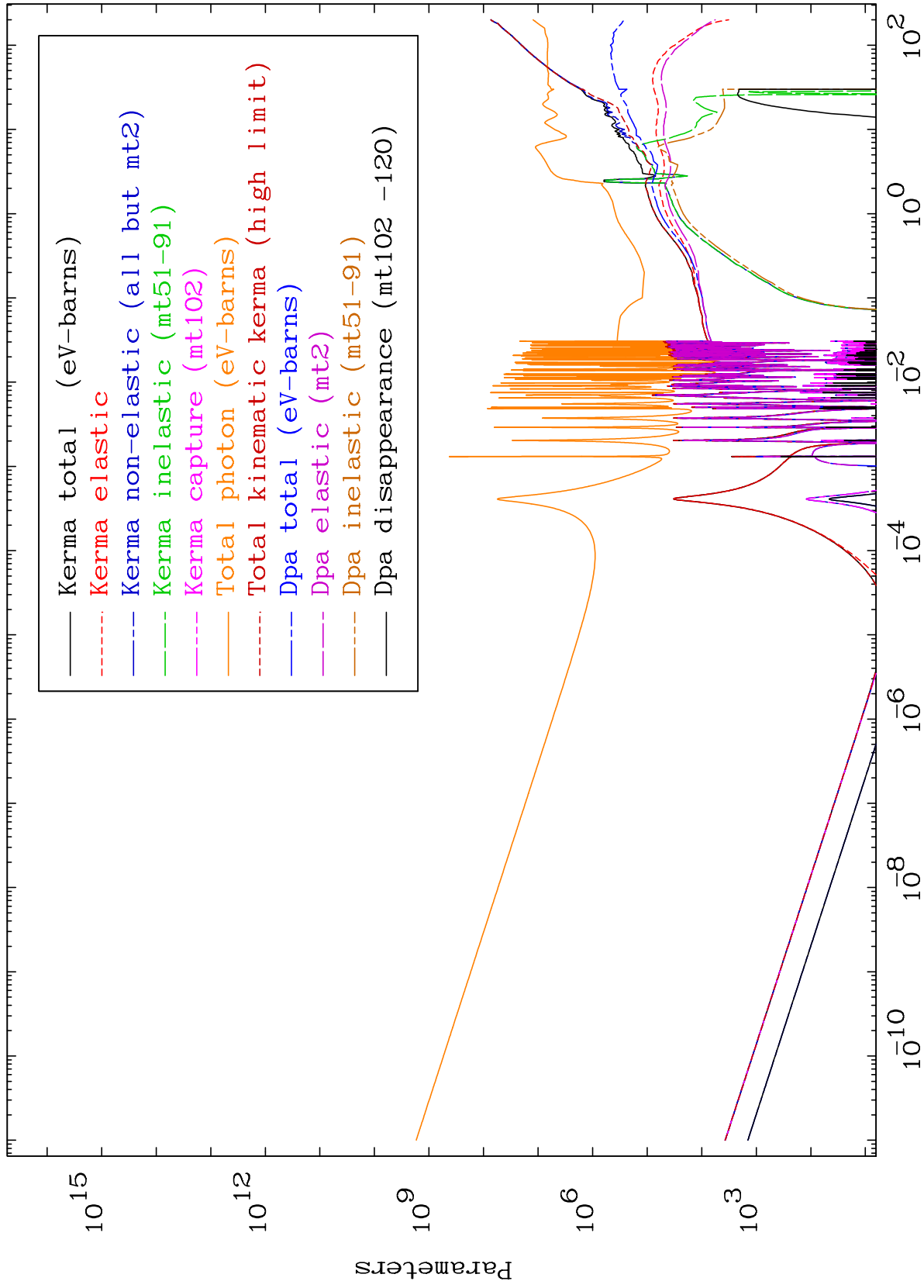
62-Sm-160



14

Incident Energy (MeV)

62-Sm-160

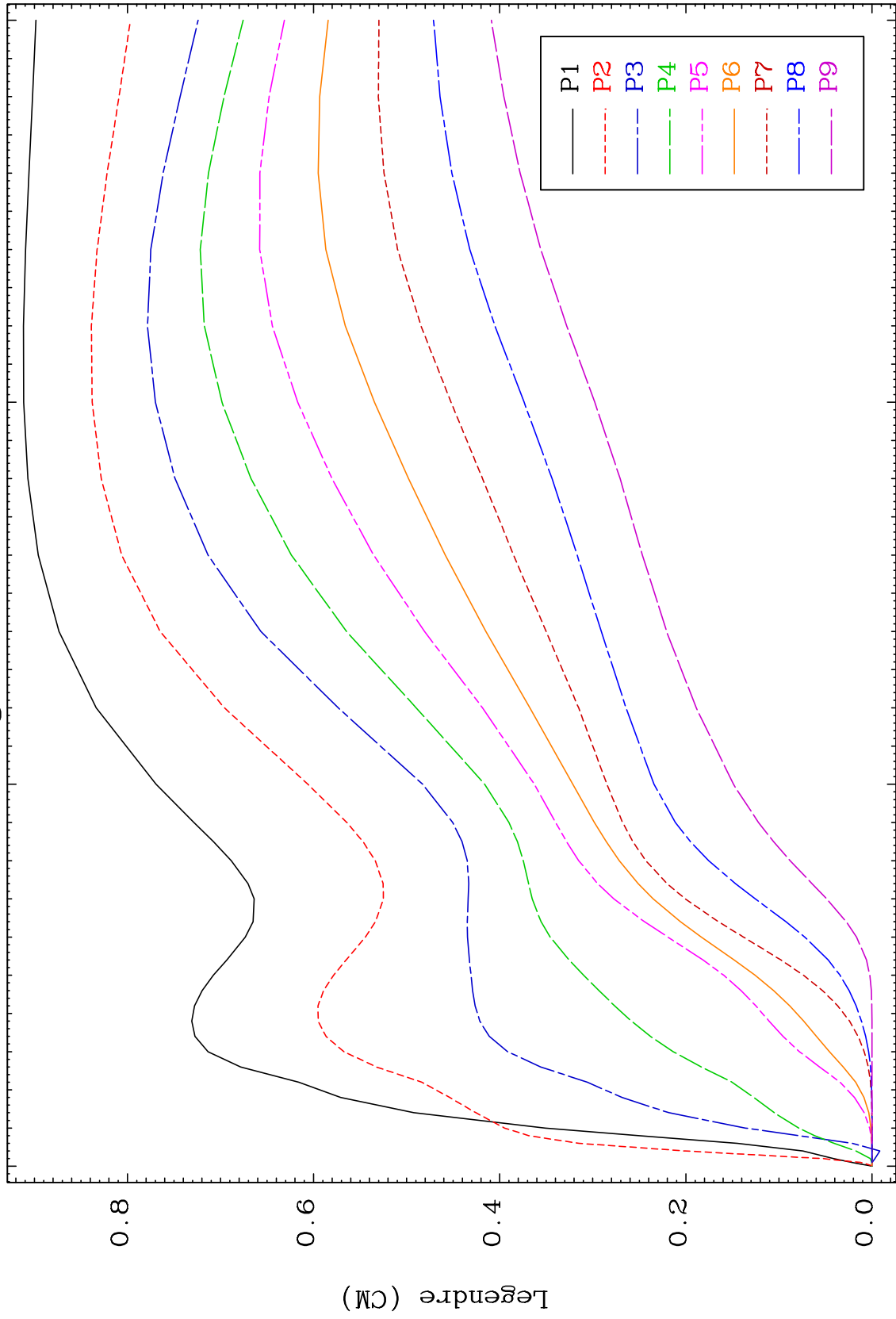




MAT 6273

Elastic Legendre Coefficients

62-Sm-160



16

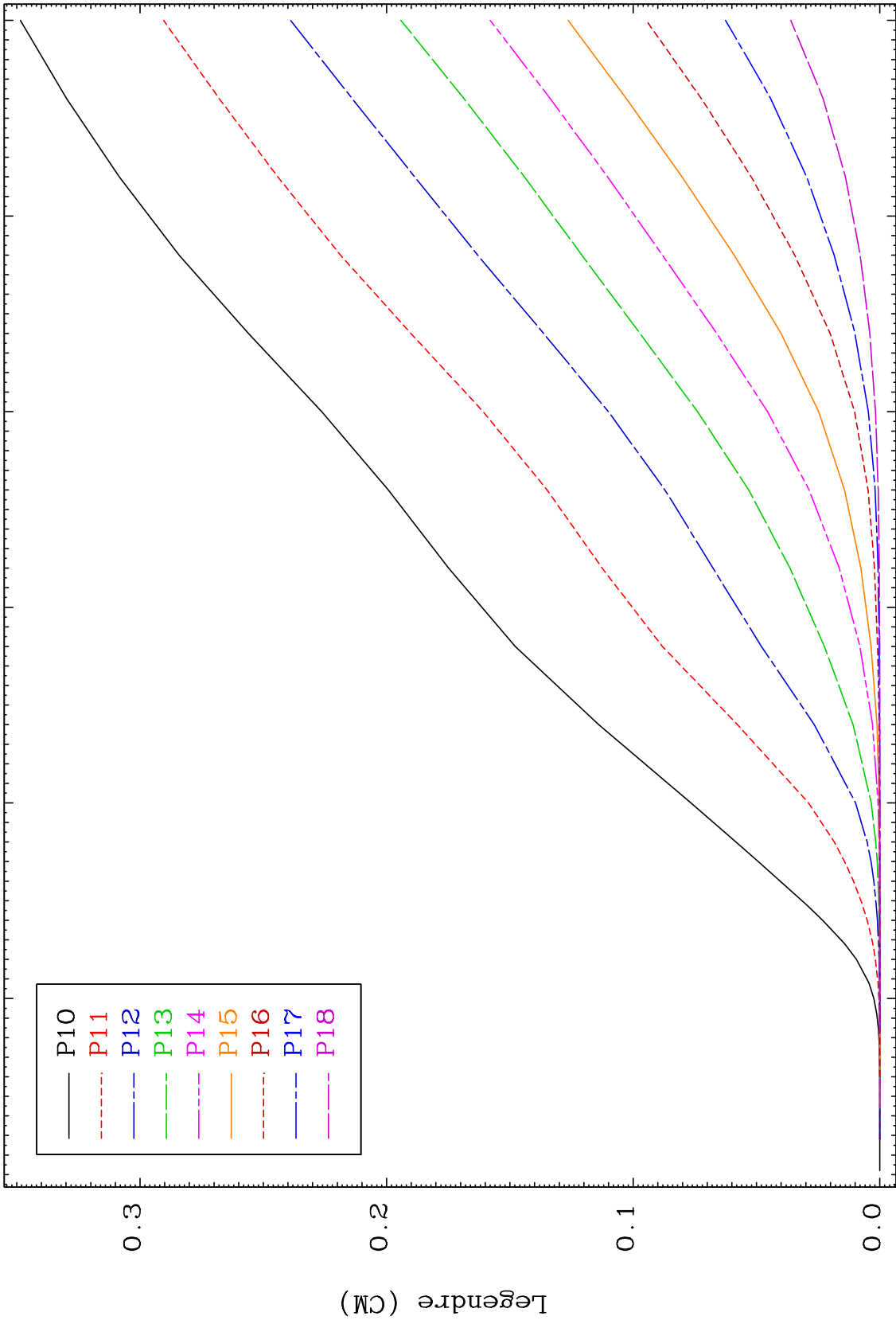
Incident Energy (MeV)

62-Sm-160

MAT 6273

Elastic Legendre Coefficients

62-Sm-160



17

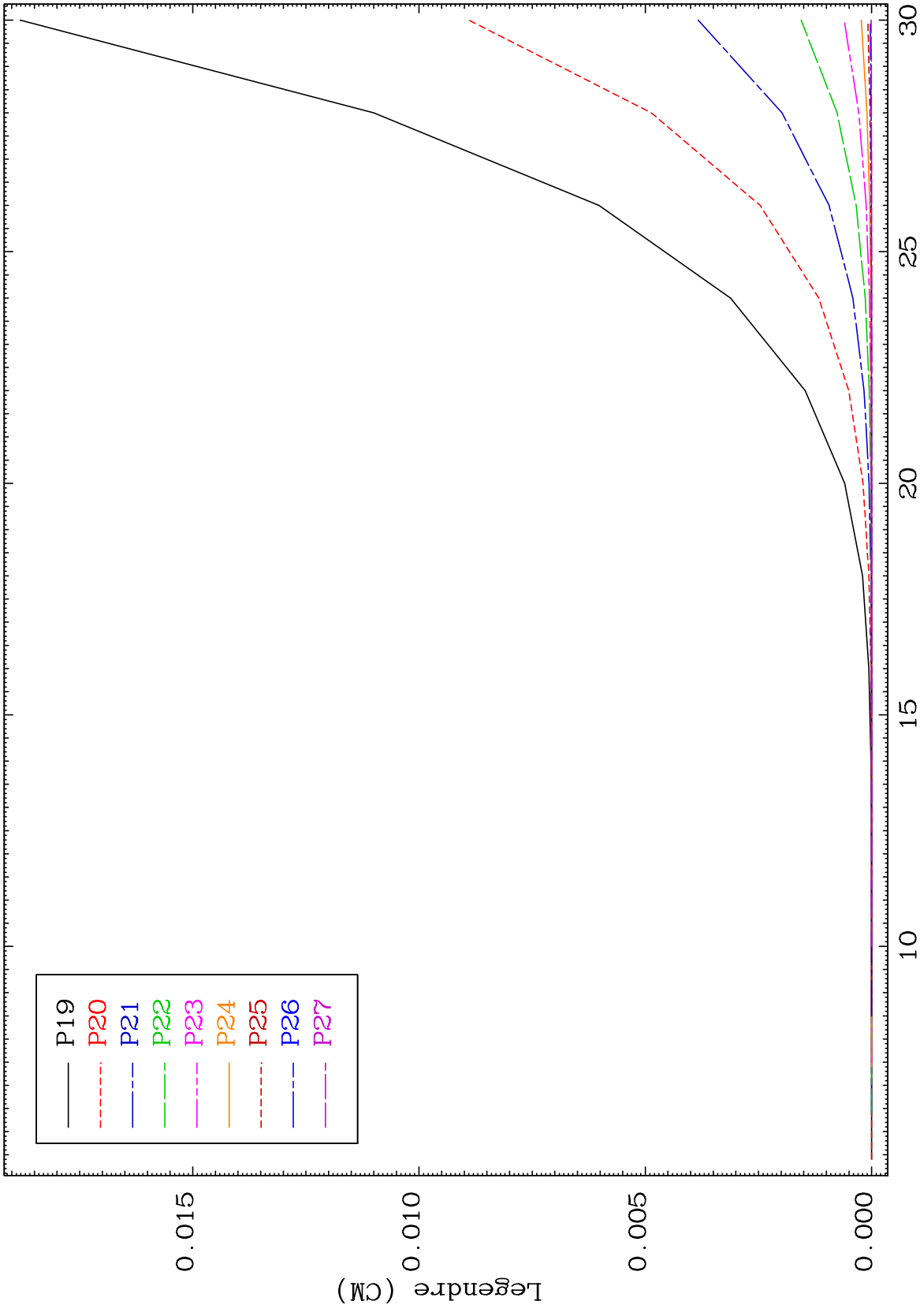
Incident Energy (MeV)

62-Sm-160

MAT 6273

Elastic Legendre Coefficients

62-Sm-160



18

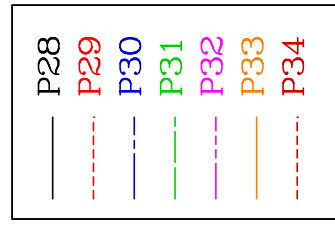
Incident Energy (MeV)

62-Sm-160

MAT 6273

Elastic Legendre Coefficients

62-Sm-160



$\times 10^{-6}$

Legendre (CM)

1

2

0

10

15

20

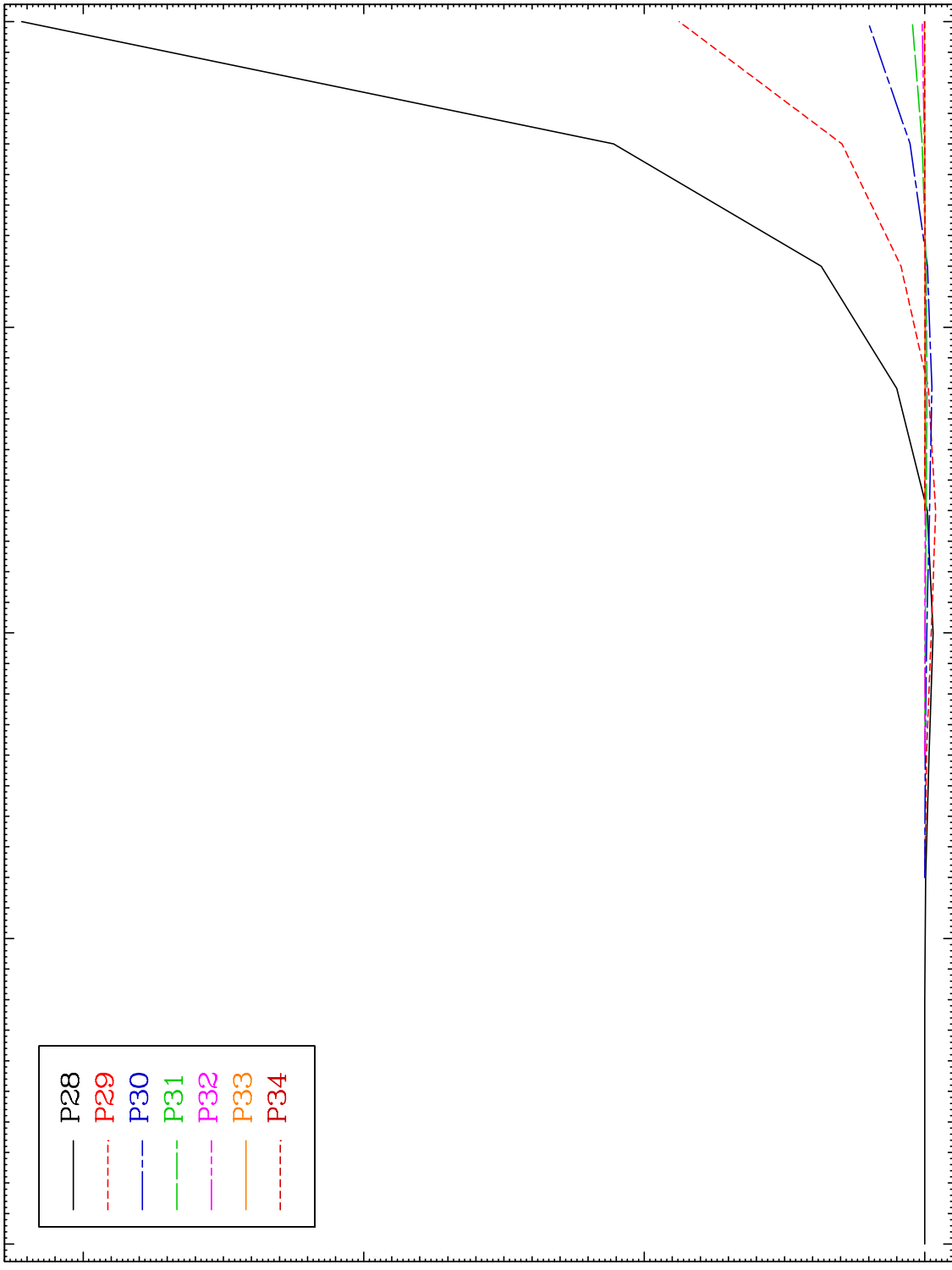
25

30

19

Incident Energy (MeV)

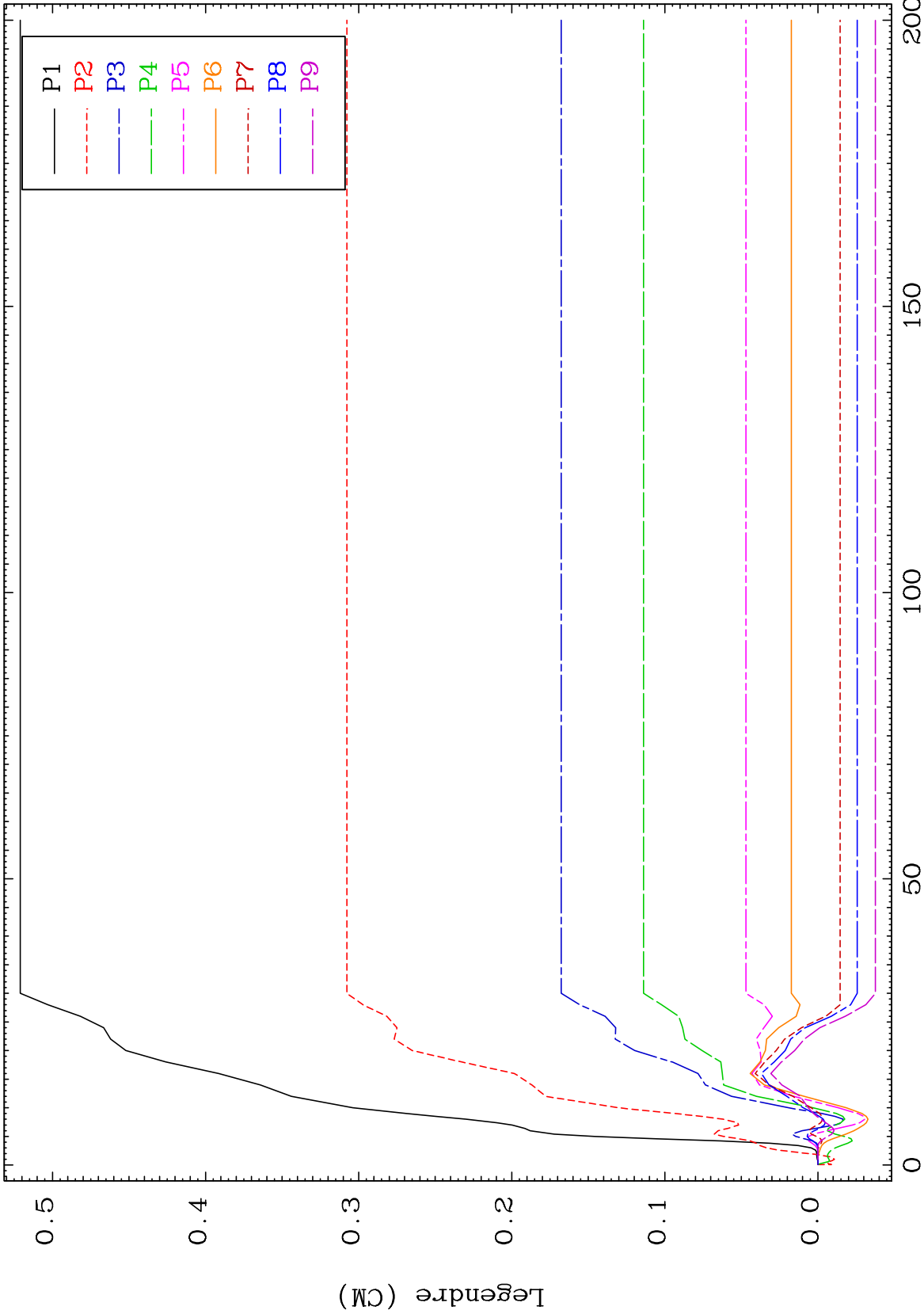
62-Sm-160



MAT 6273

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

62-Sm-160



62-Sm-160

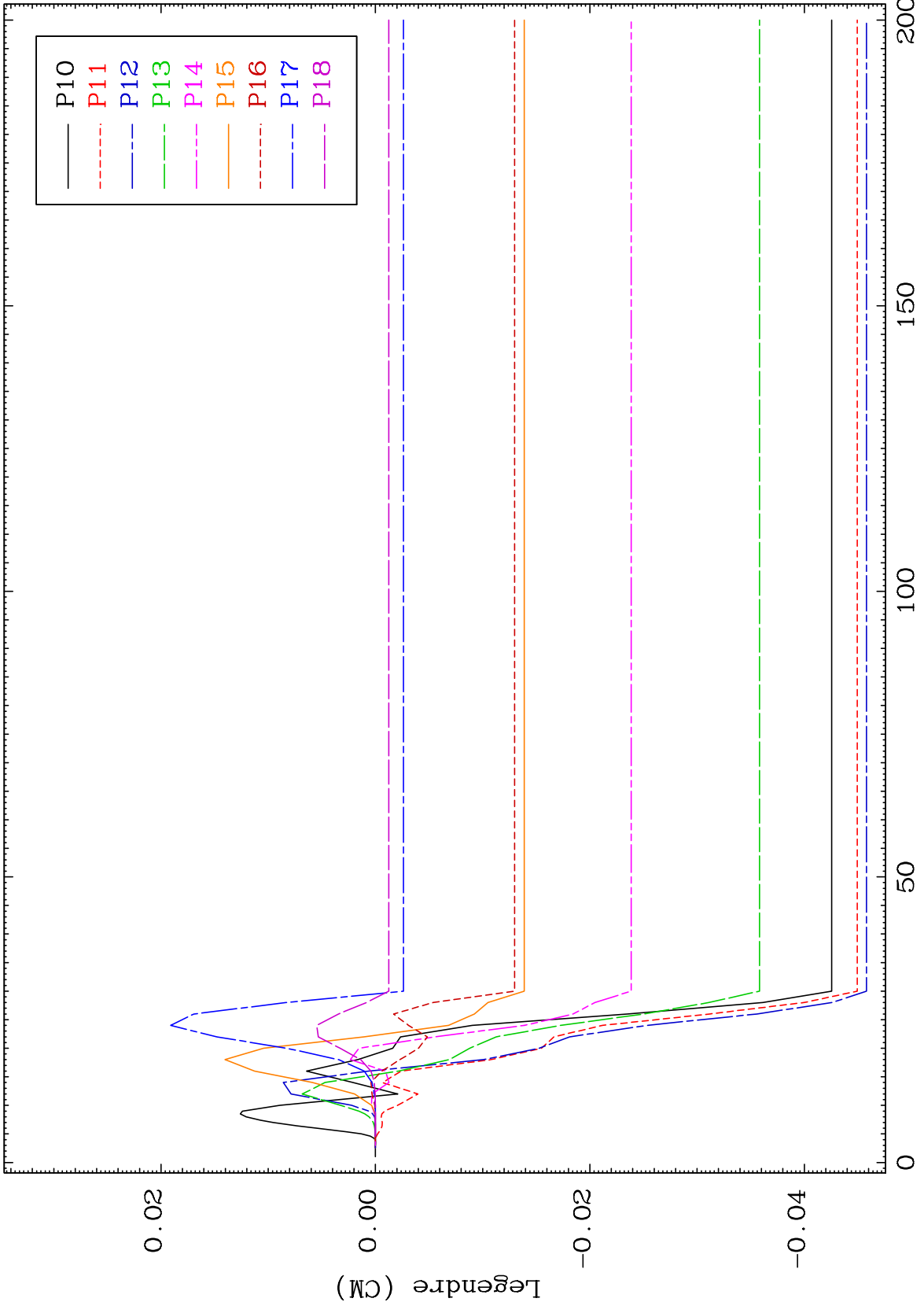
Incident Energy (MeV)

20

MAT 6273

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

62-Sm-160



21

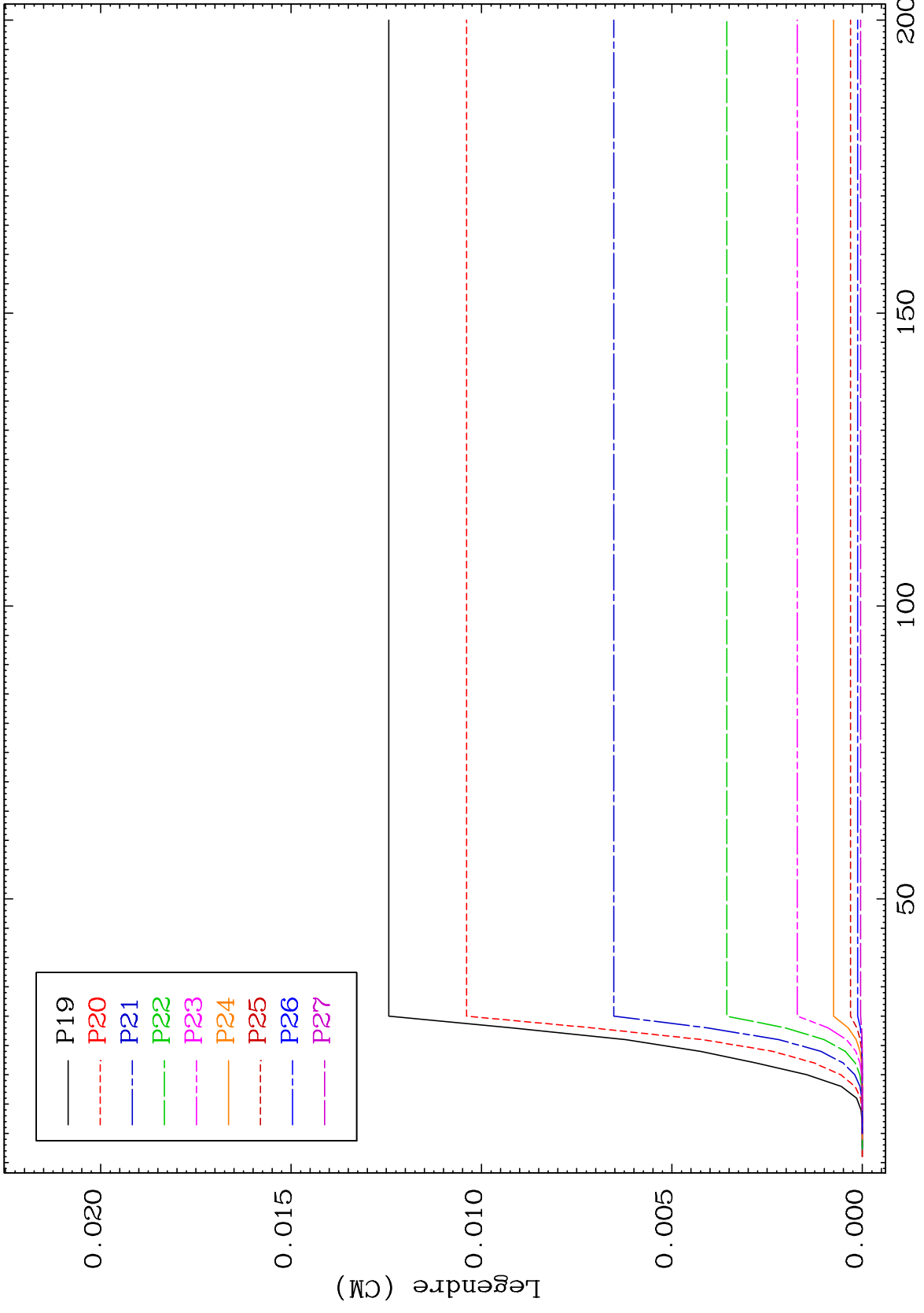
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



22

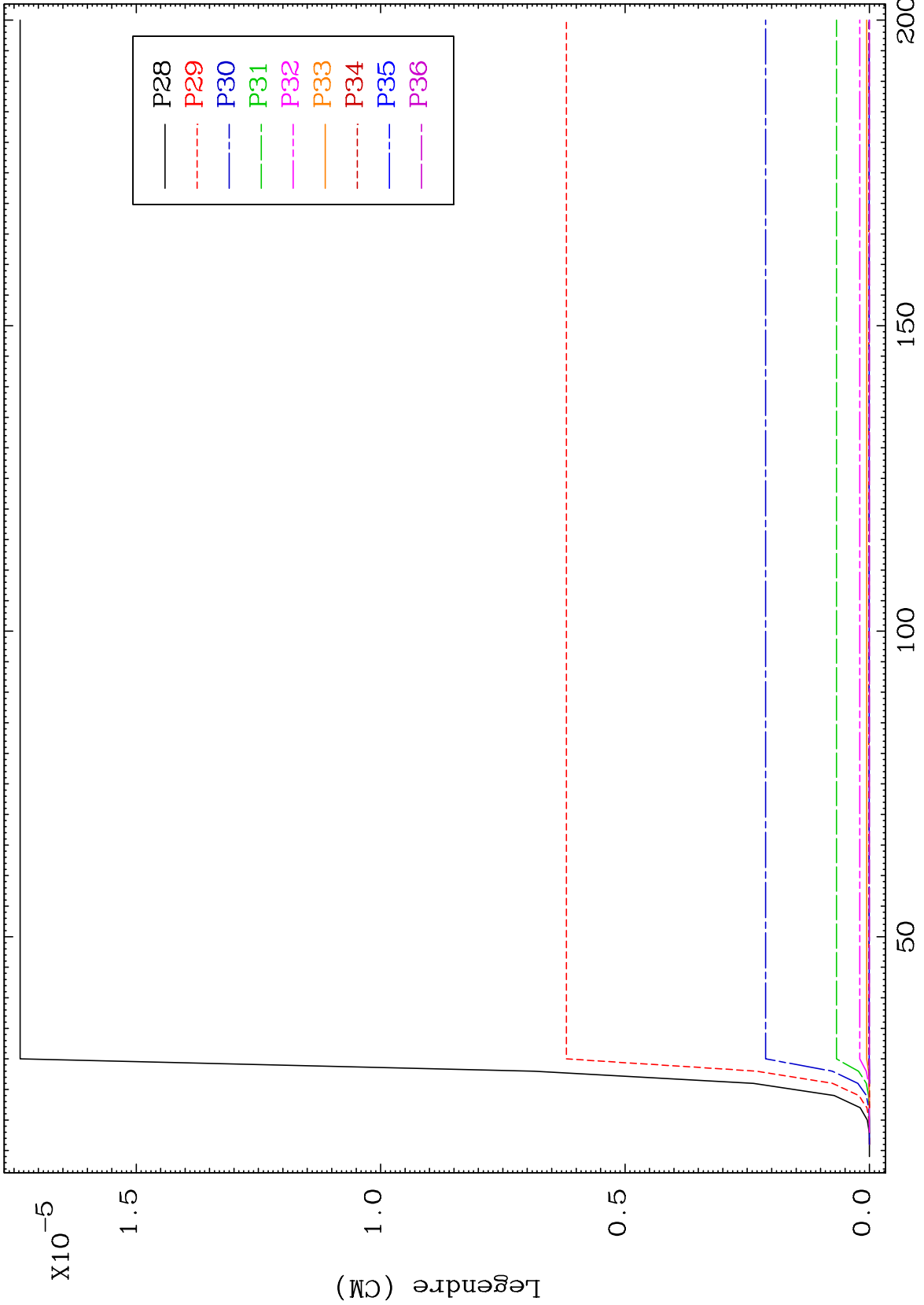
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



23

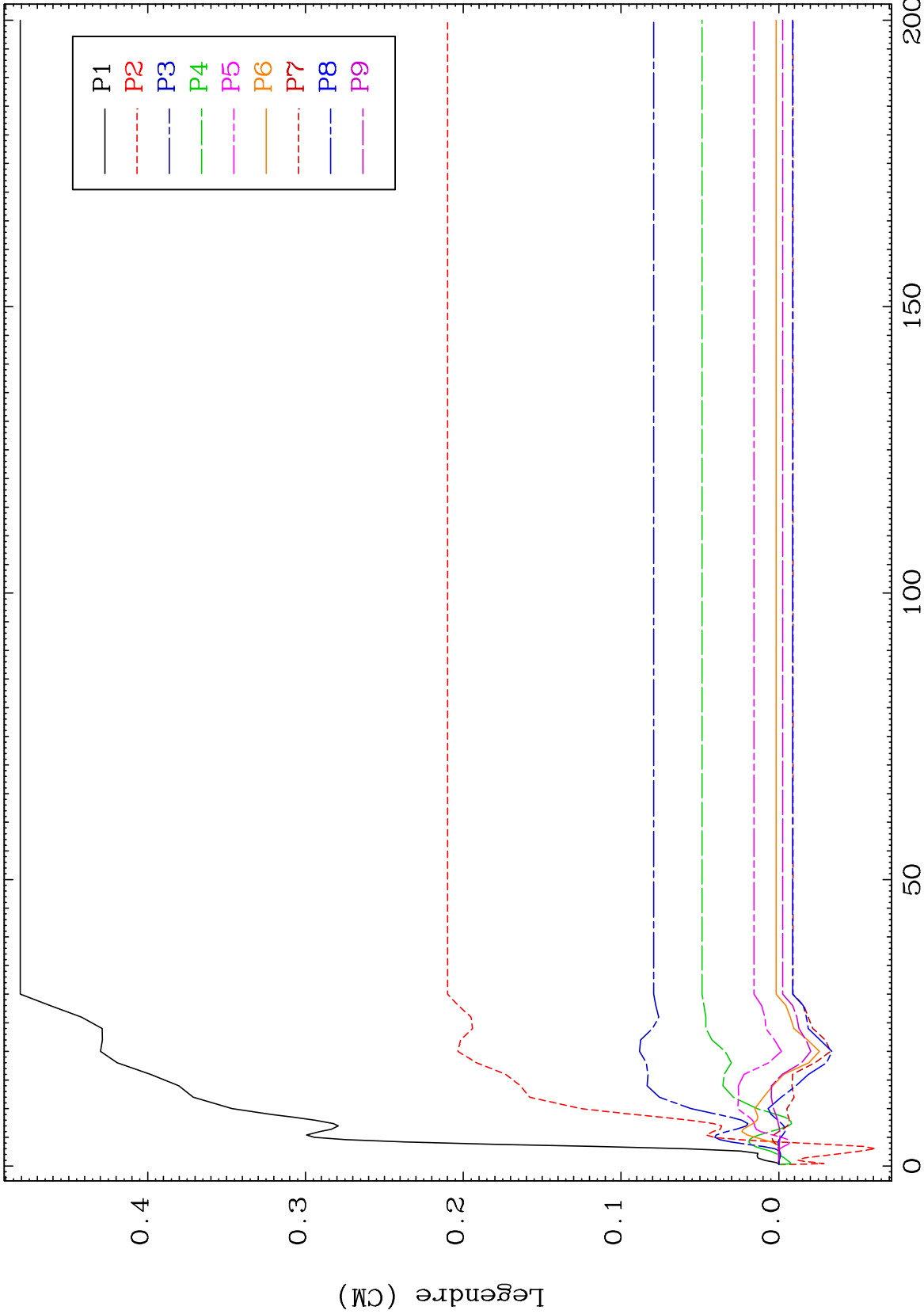
62-Sm-160



MAT 6273

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

62-Sm-160



24

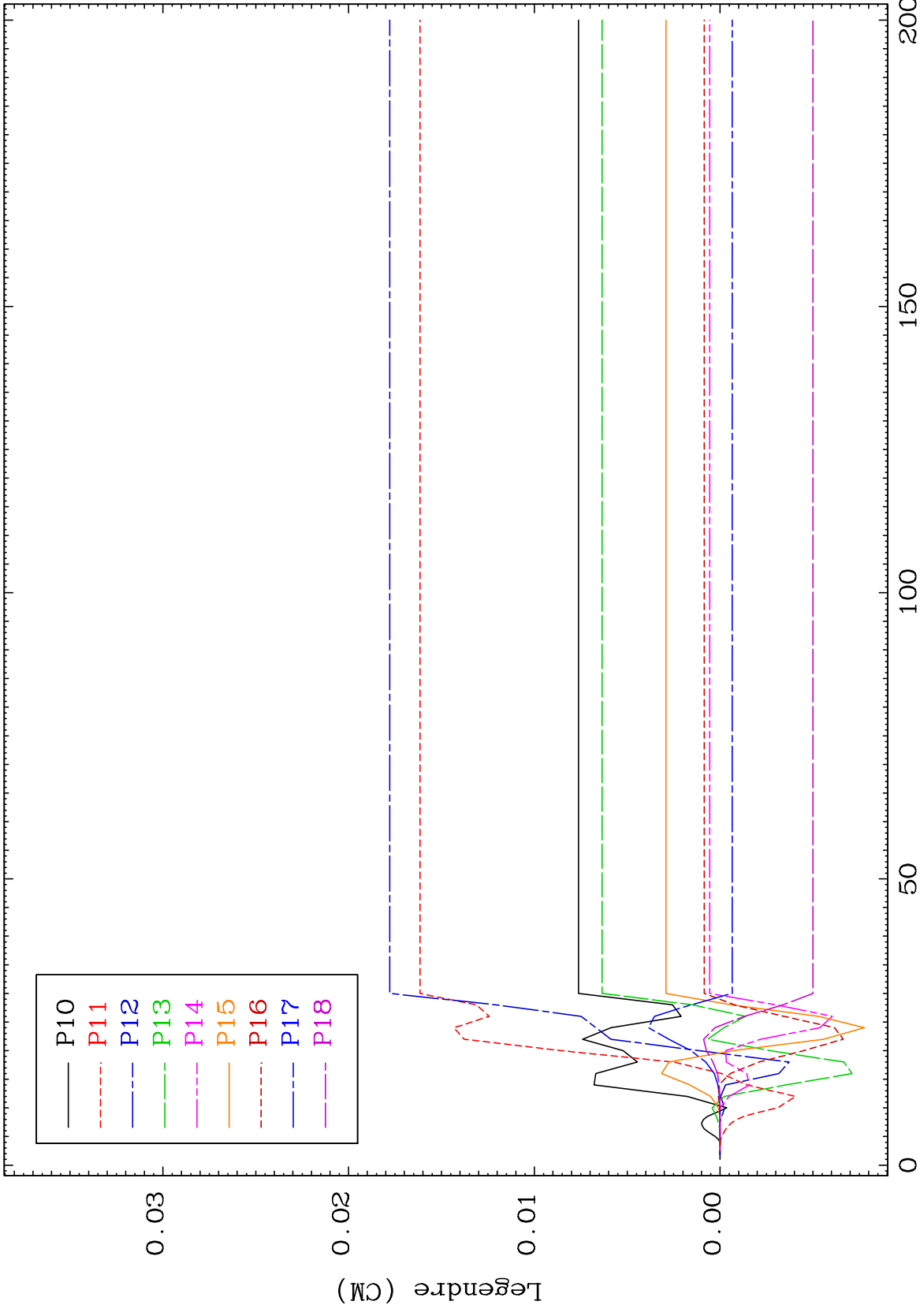
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



25

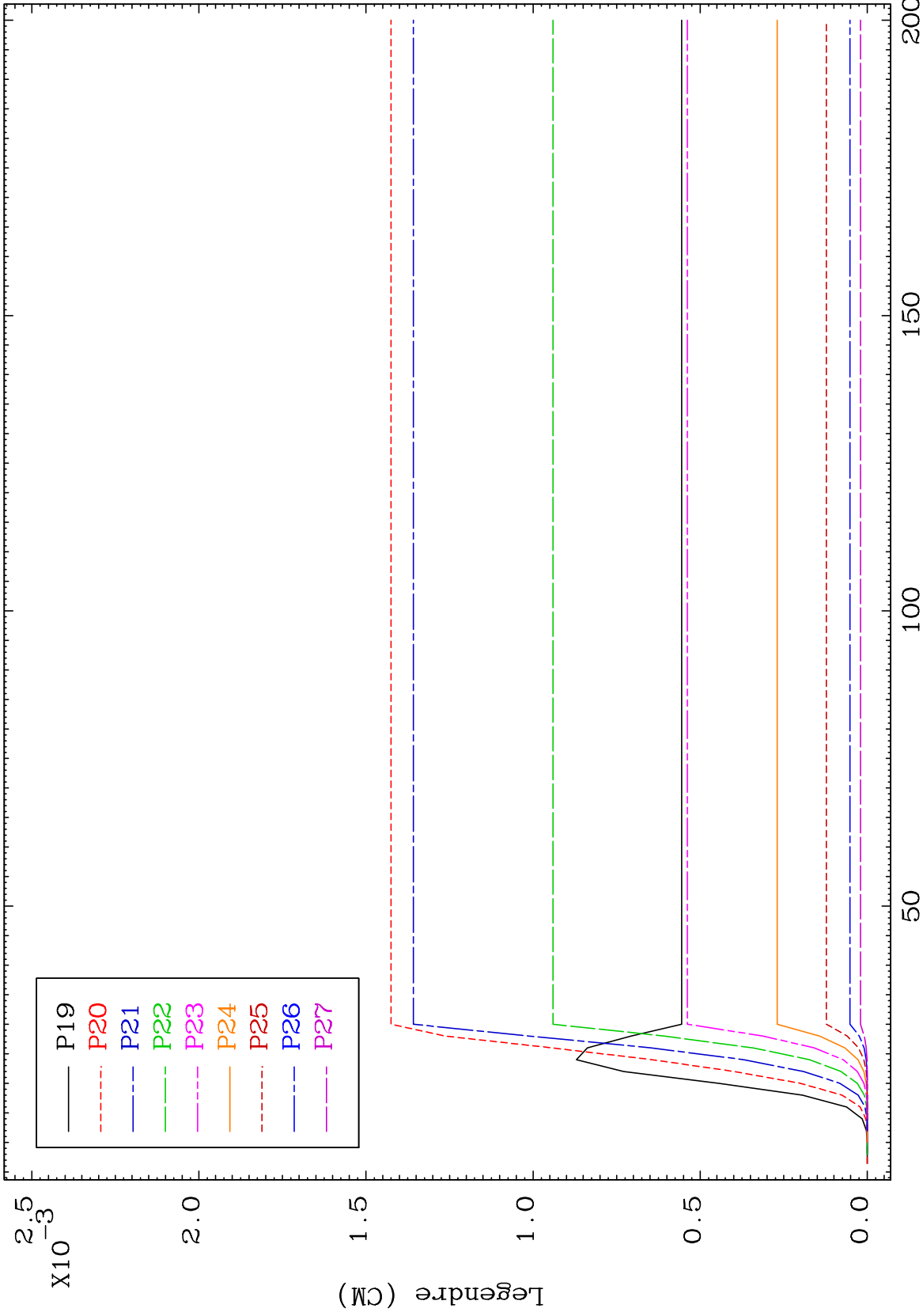
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



26

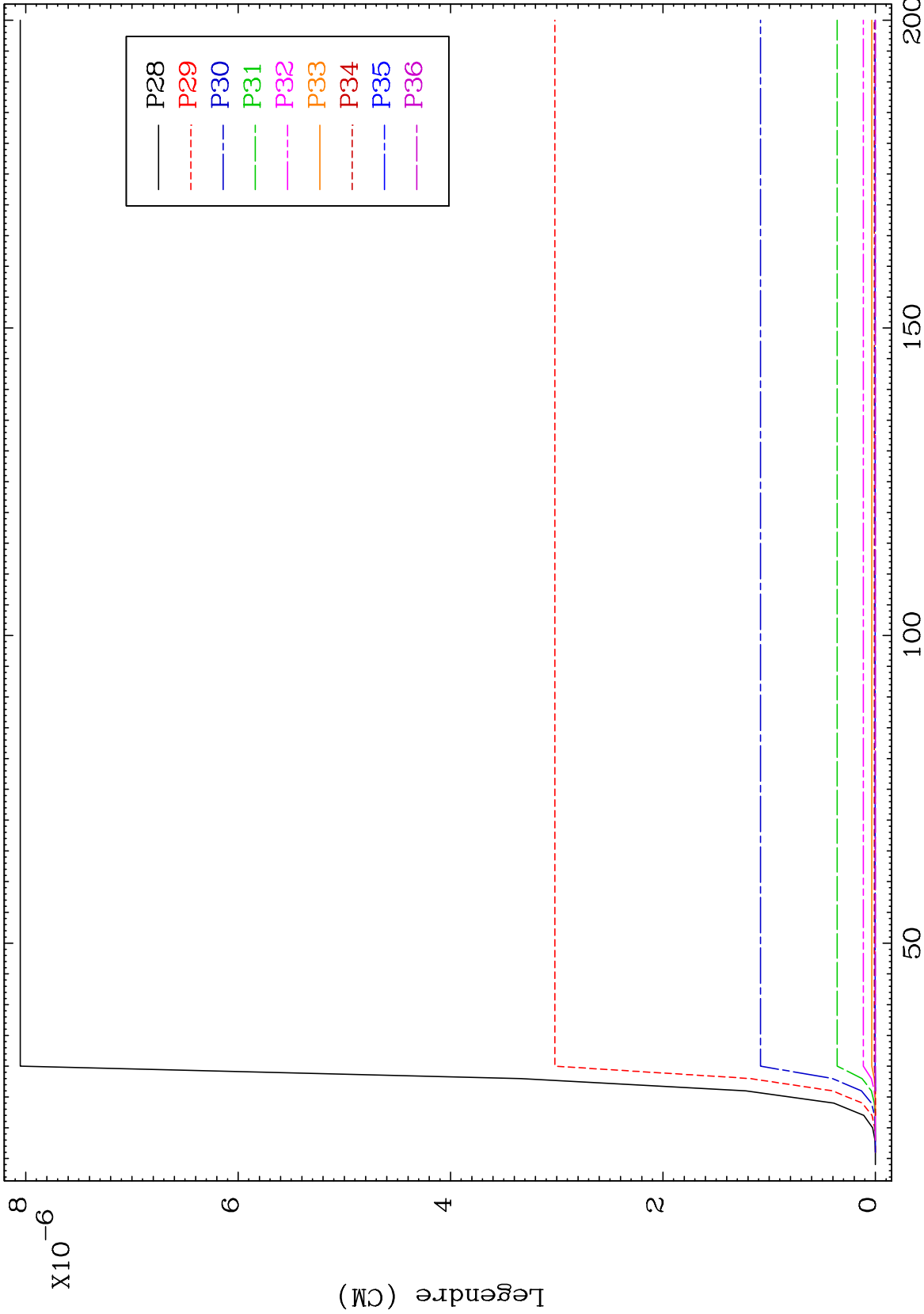
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



27

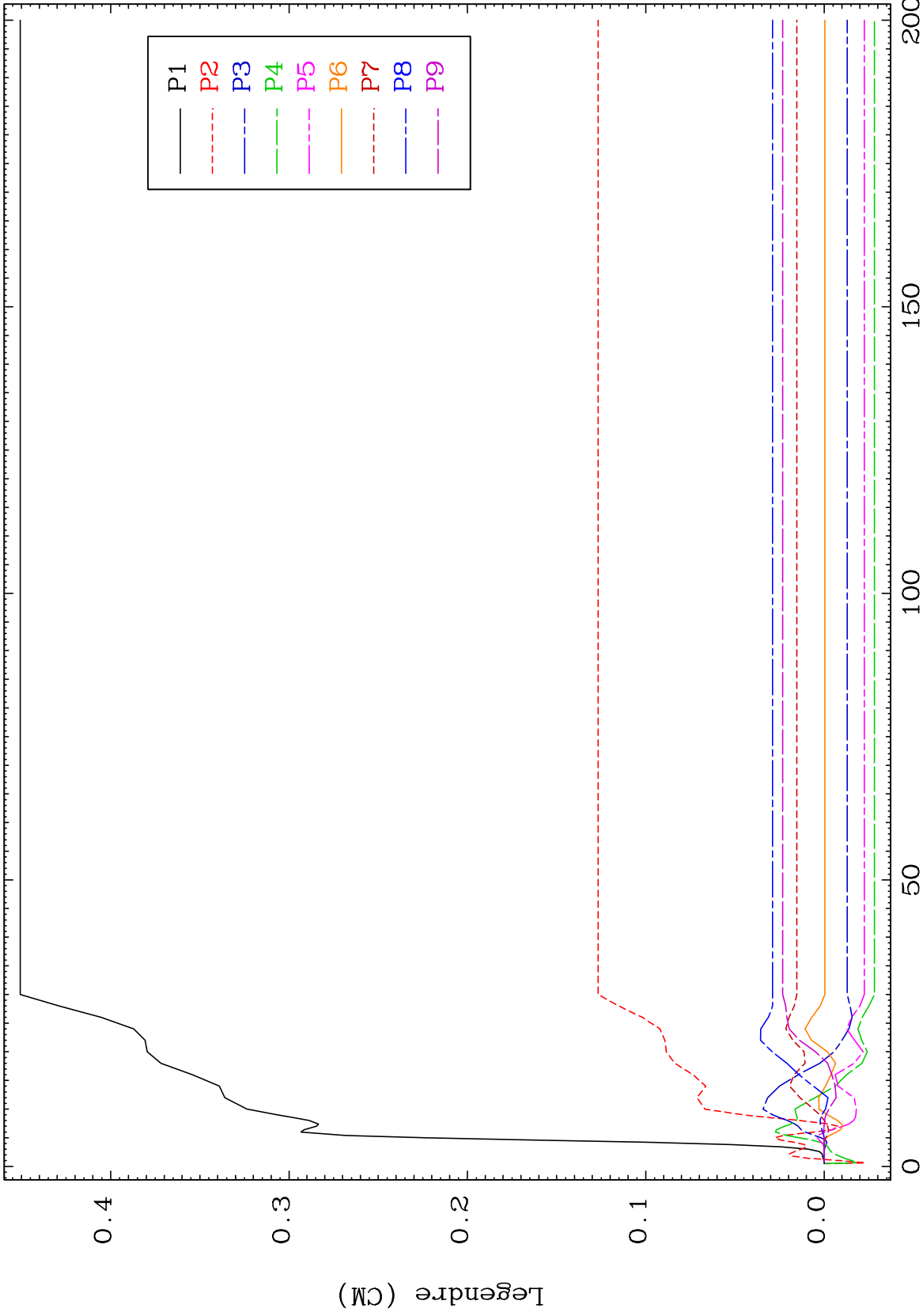
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



28

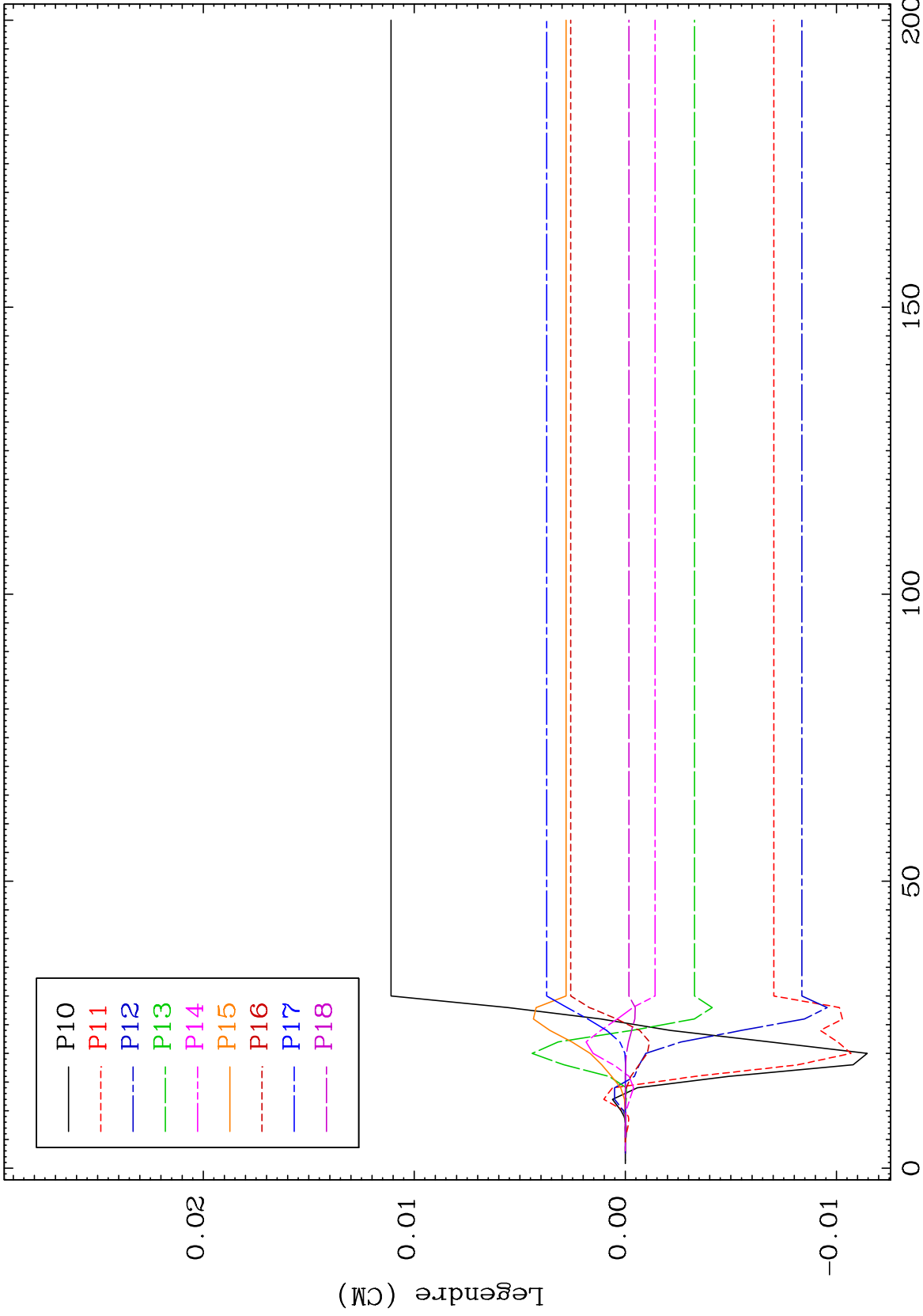
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

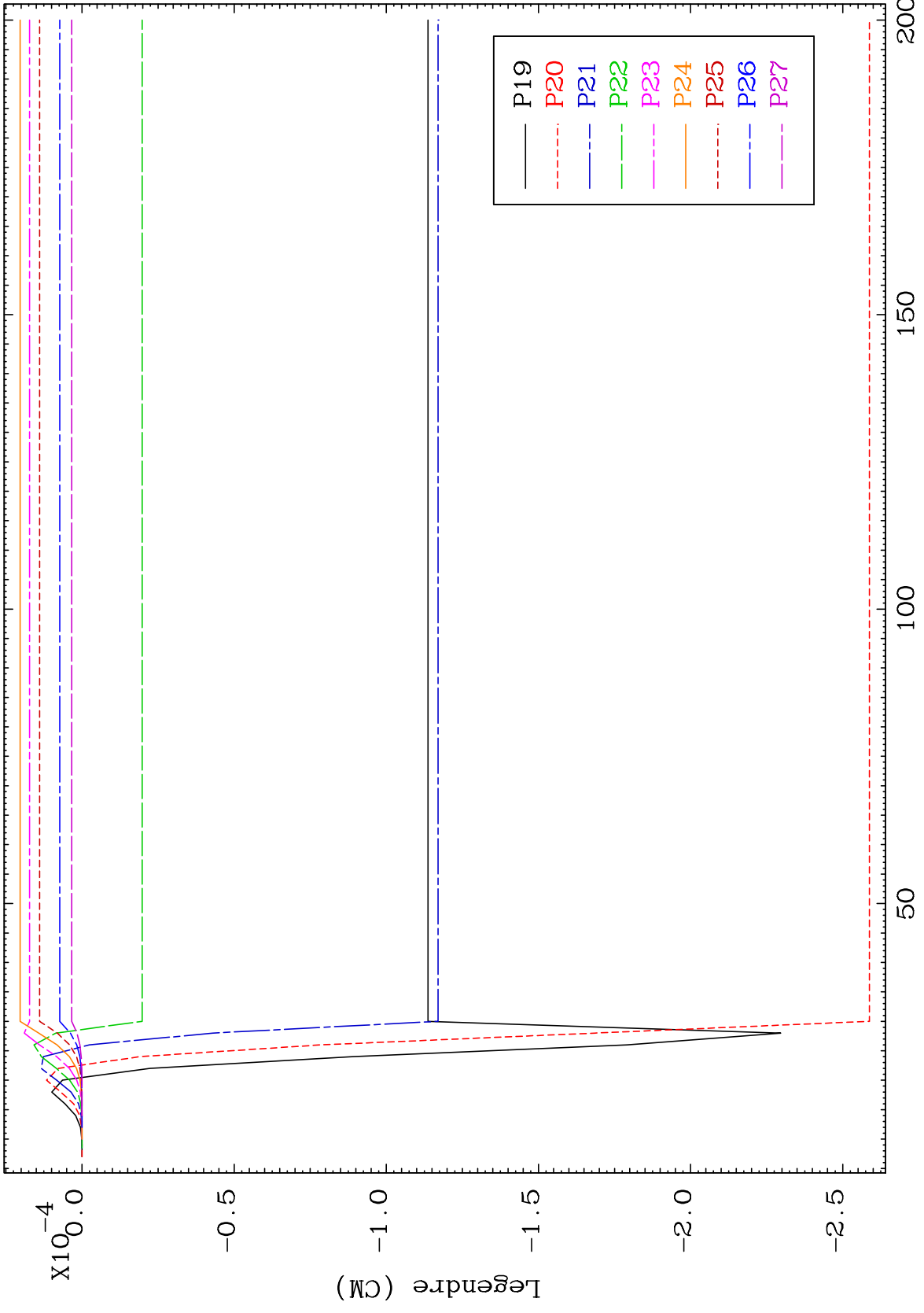


29

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 53 (n,n') Level Legendre Coefficients 62-Sm-160

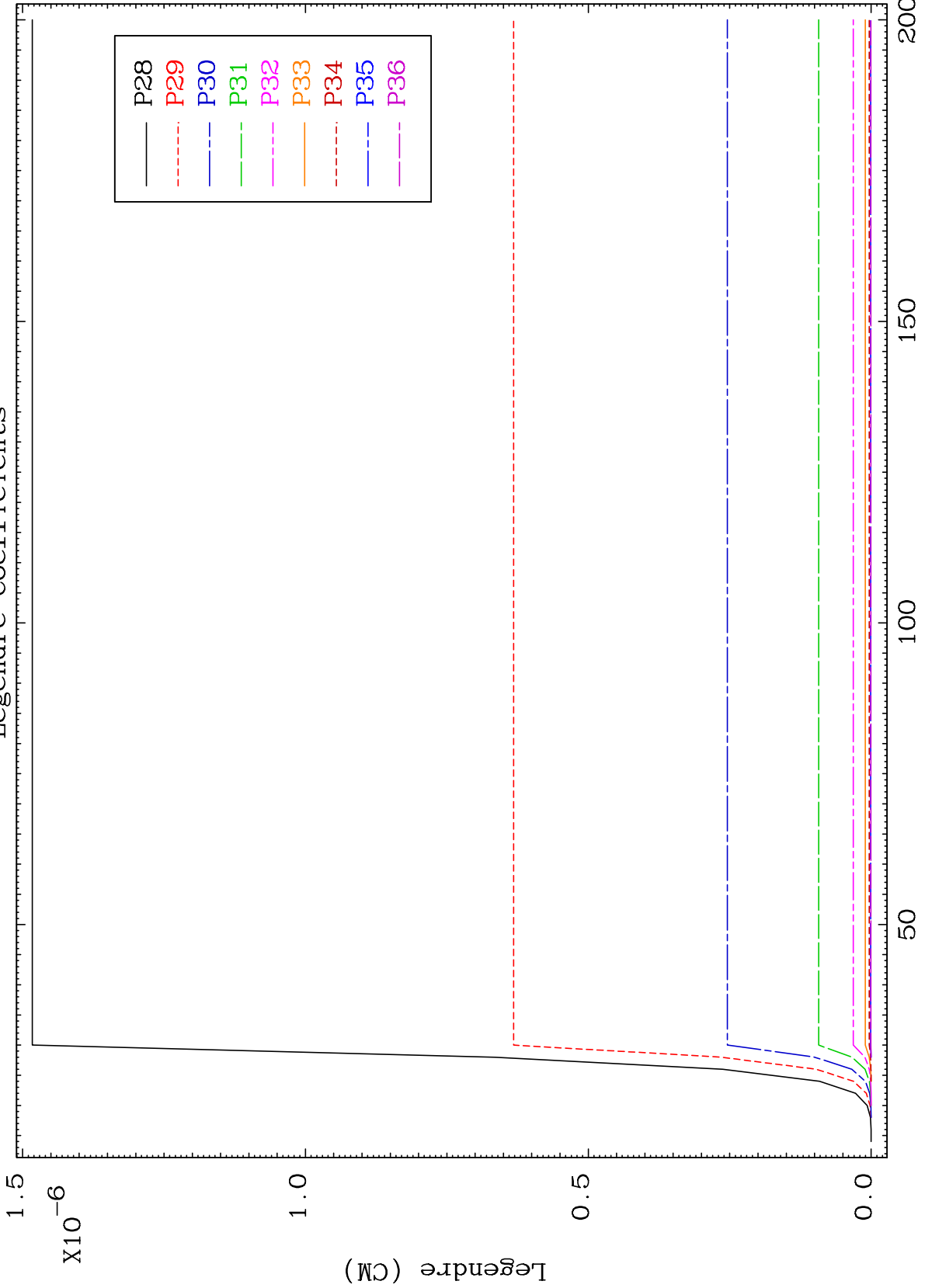


30 50 100 150 200 Incident Energy (MeV) 62-Sm-160

MAT 6273

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

62-Sm-160



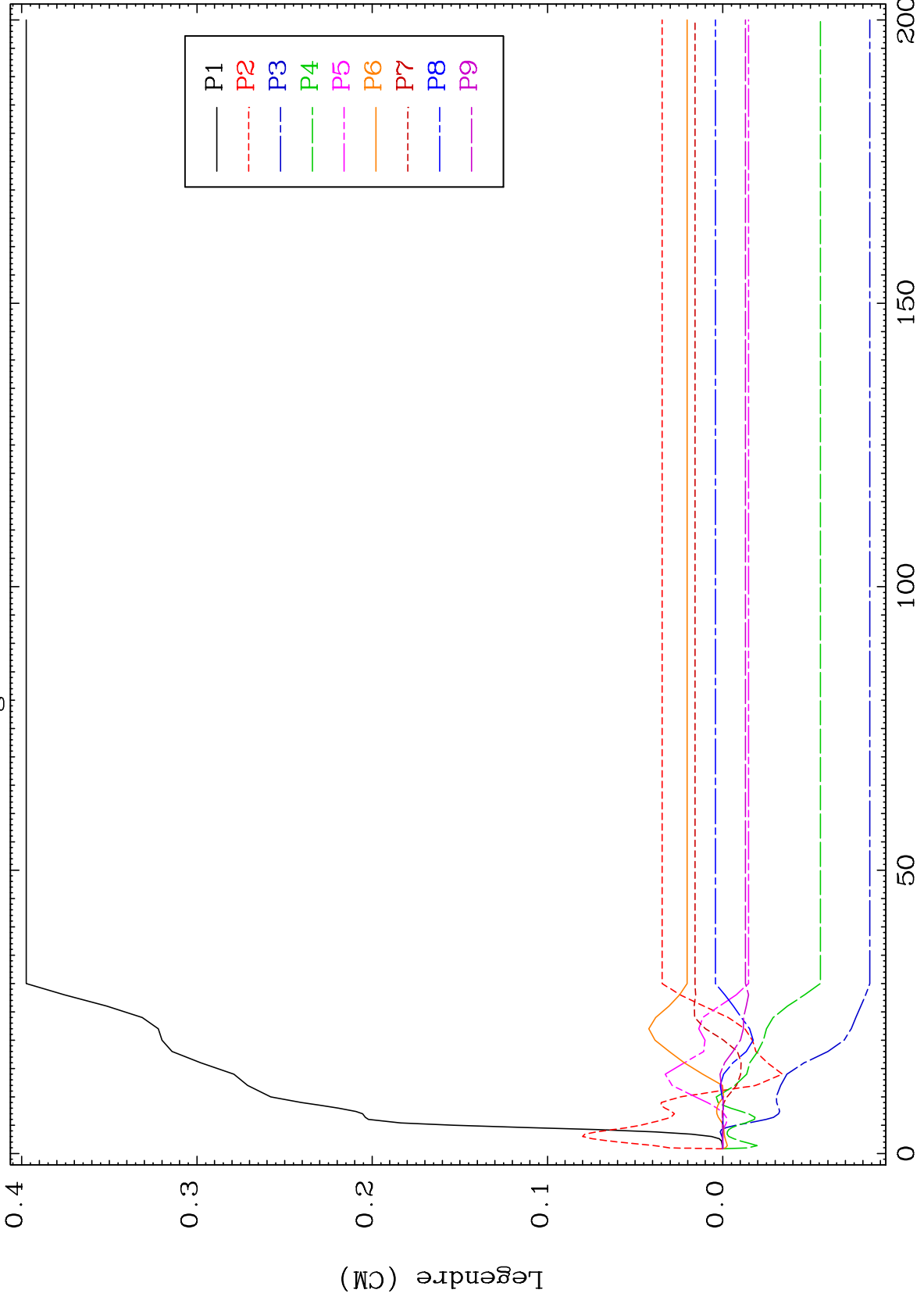
31

Incident Energy (MeV)

62-Sm-160

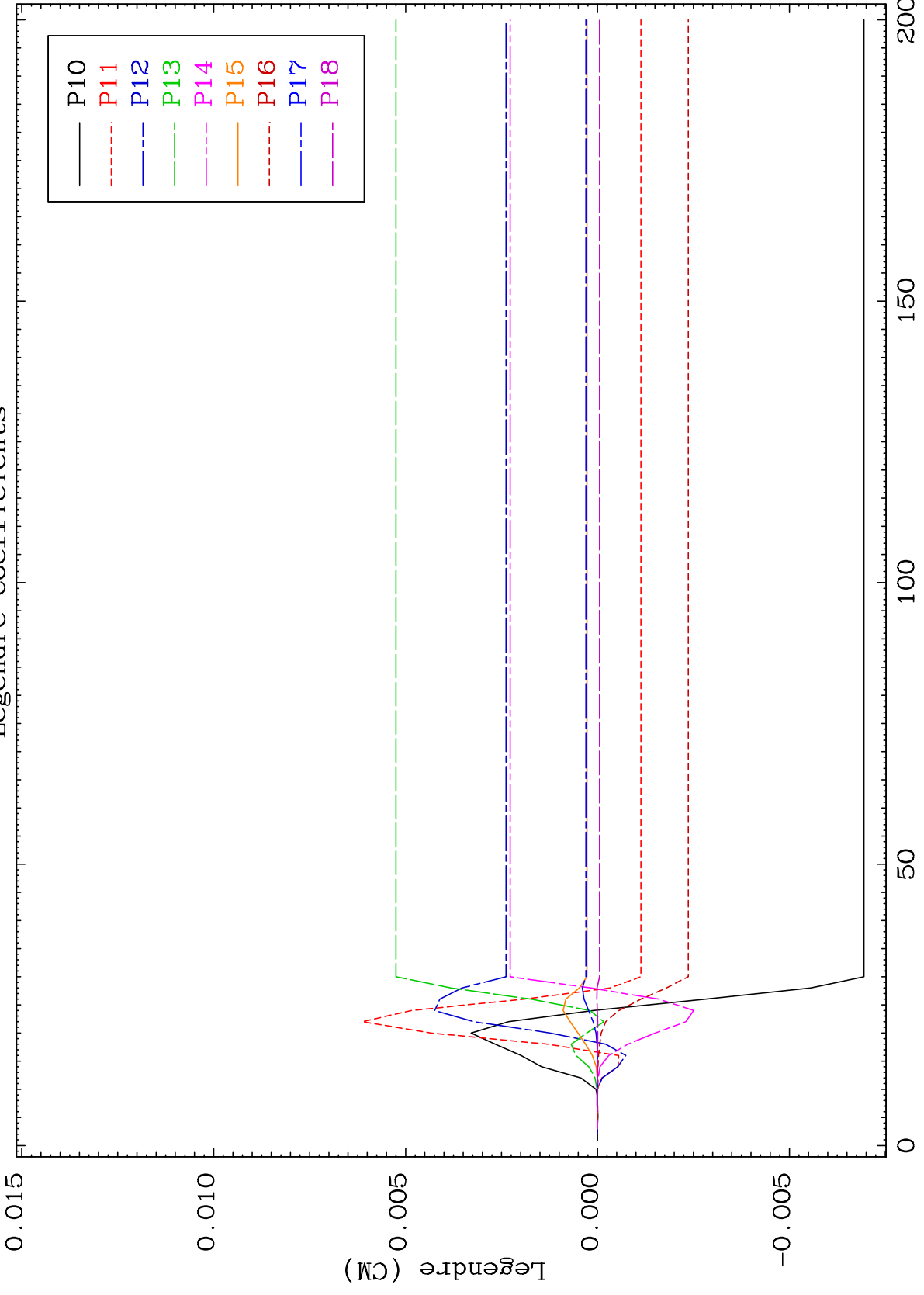


MAT 6273 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-160



32 Incident Energy (MeV) 62-Sm-160

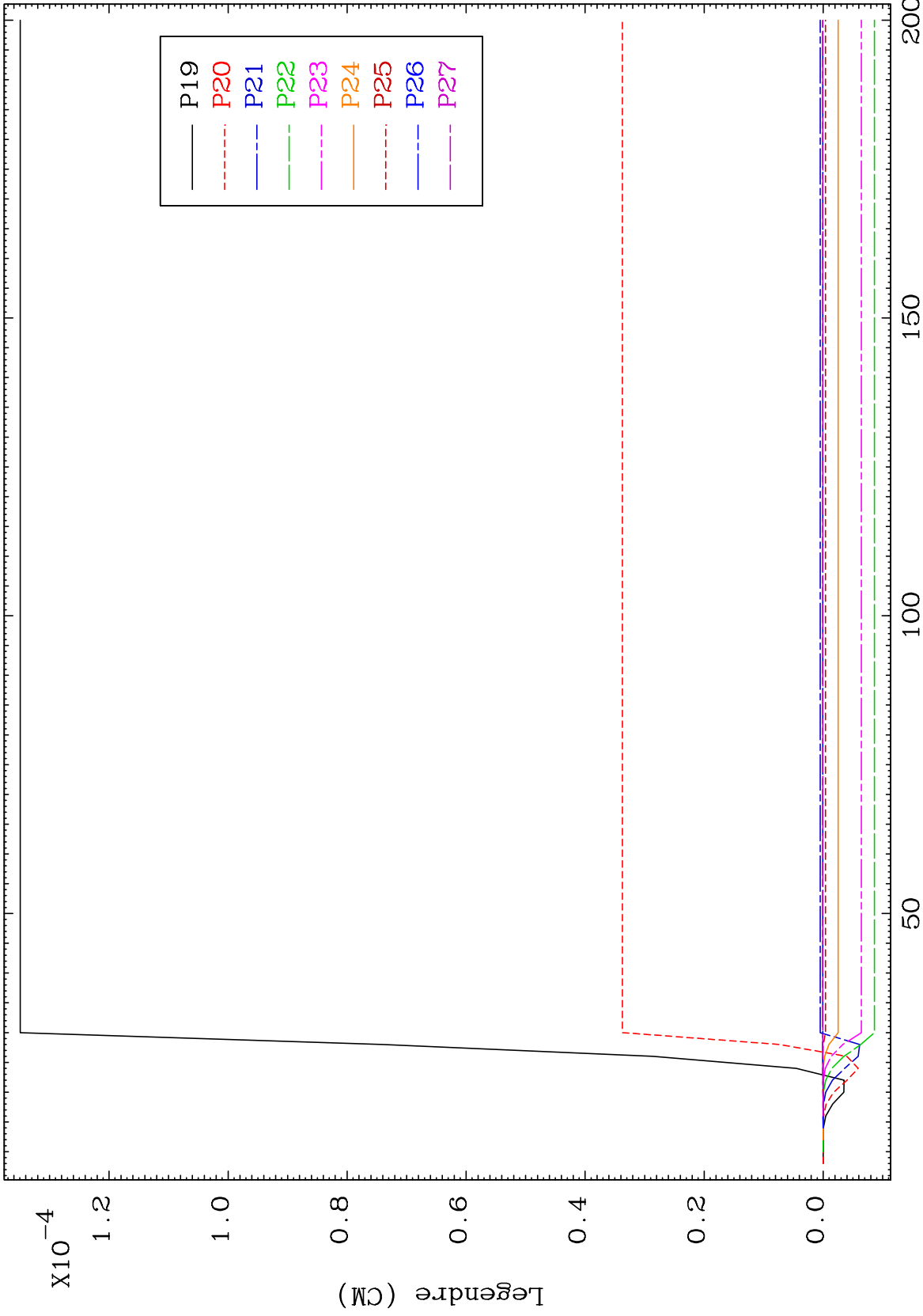
MAT 6273 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-160



MAT 6273

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

62-Sm-160



34

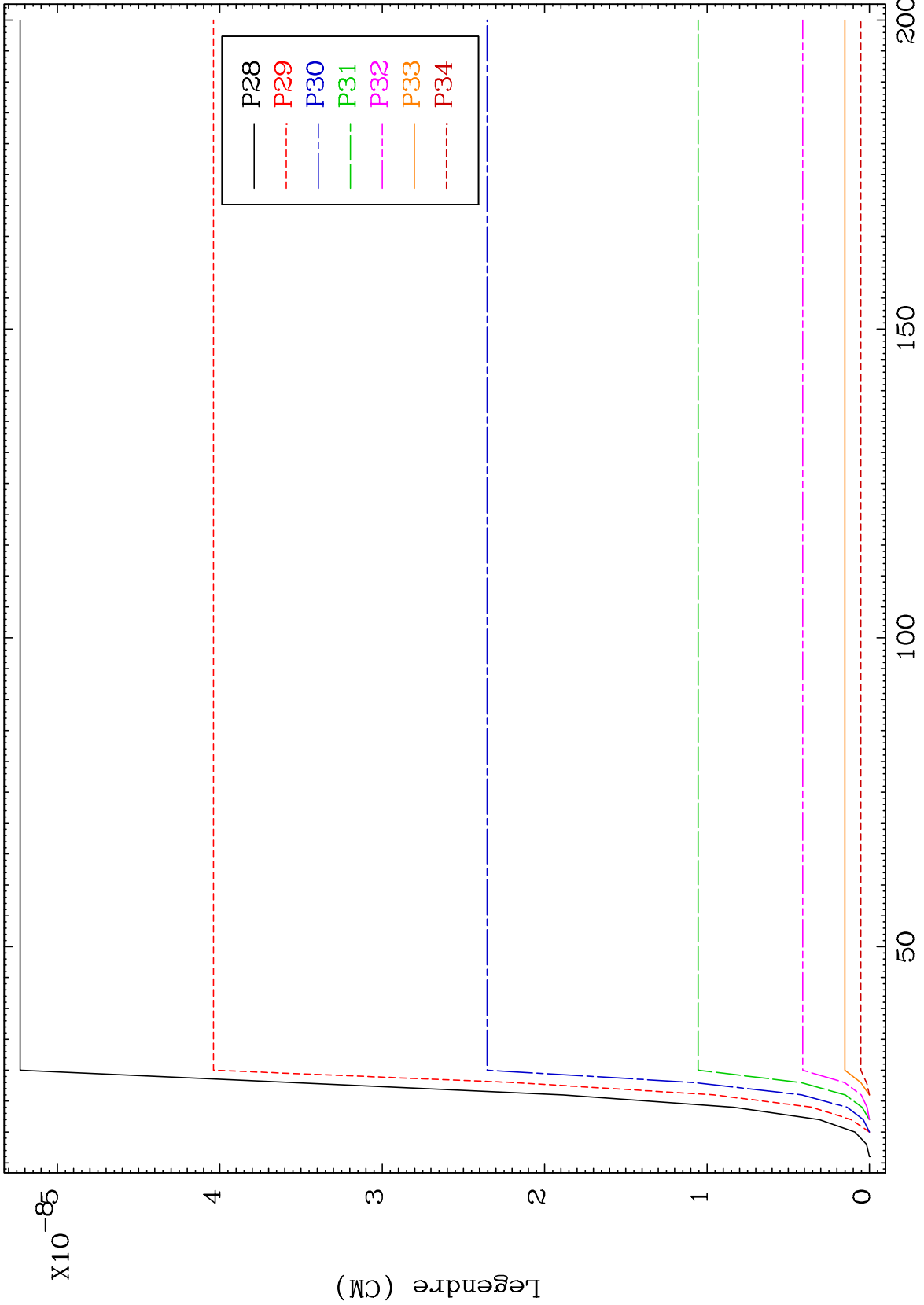
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



35

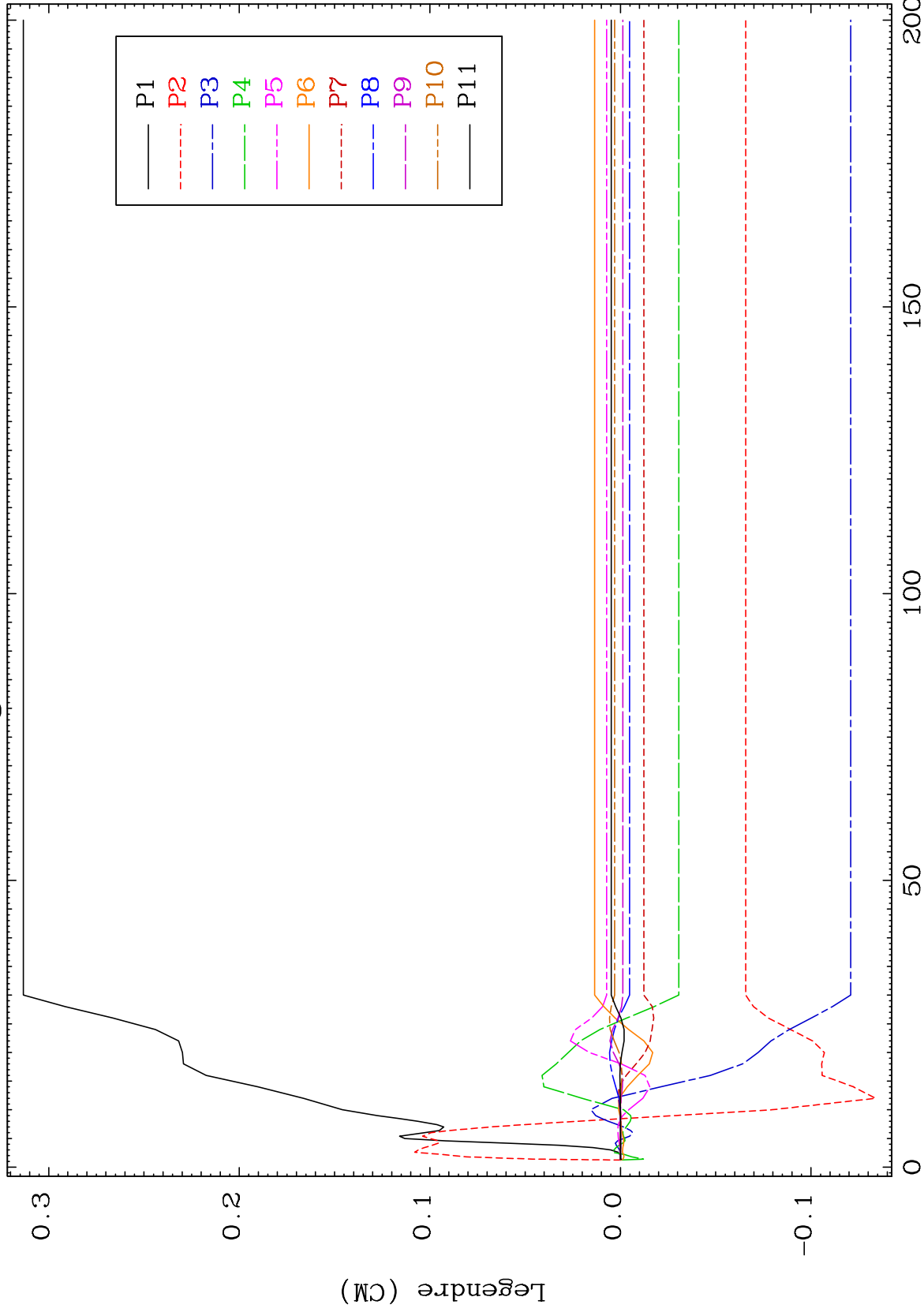
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



36

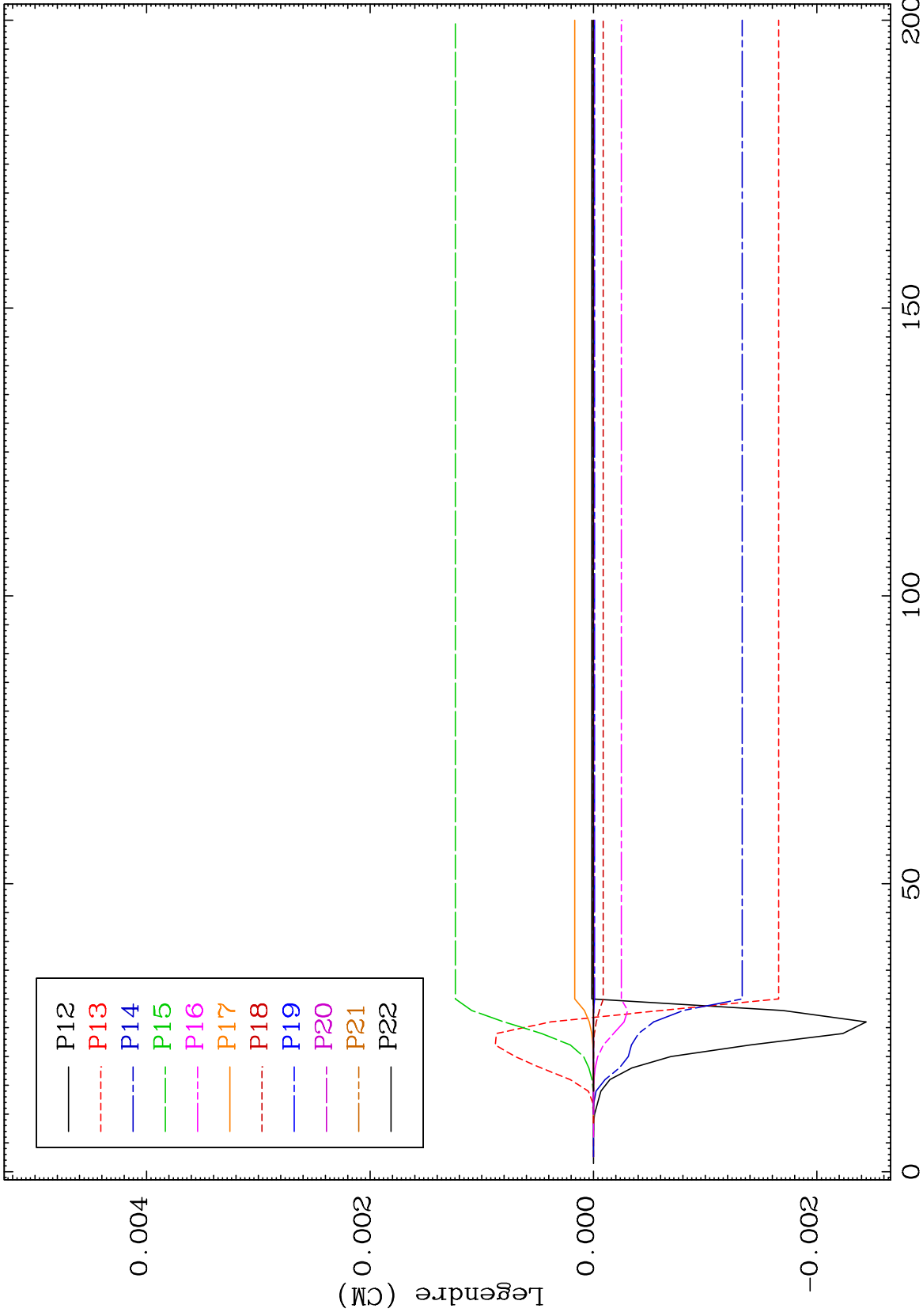
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



37

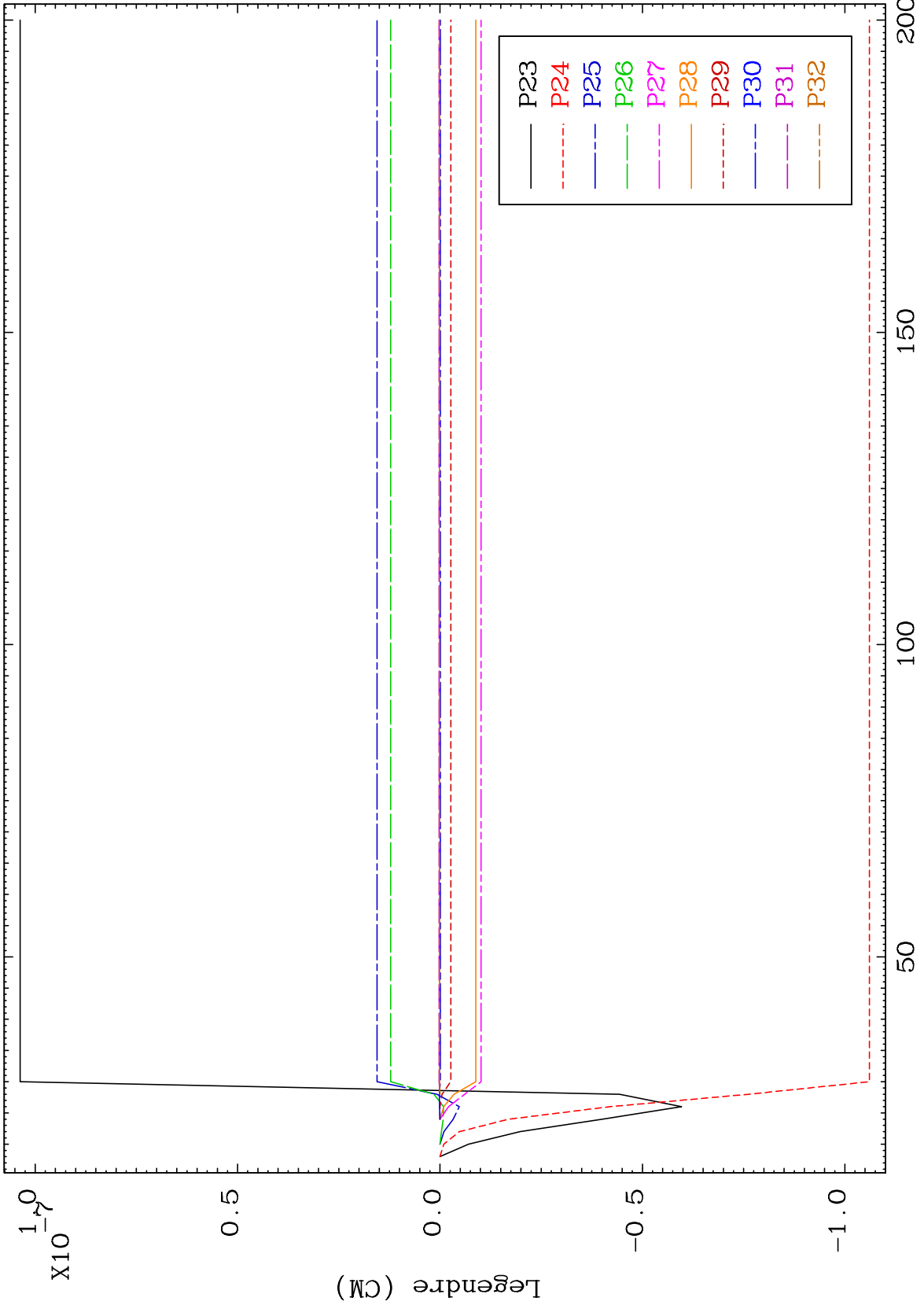
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



38

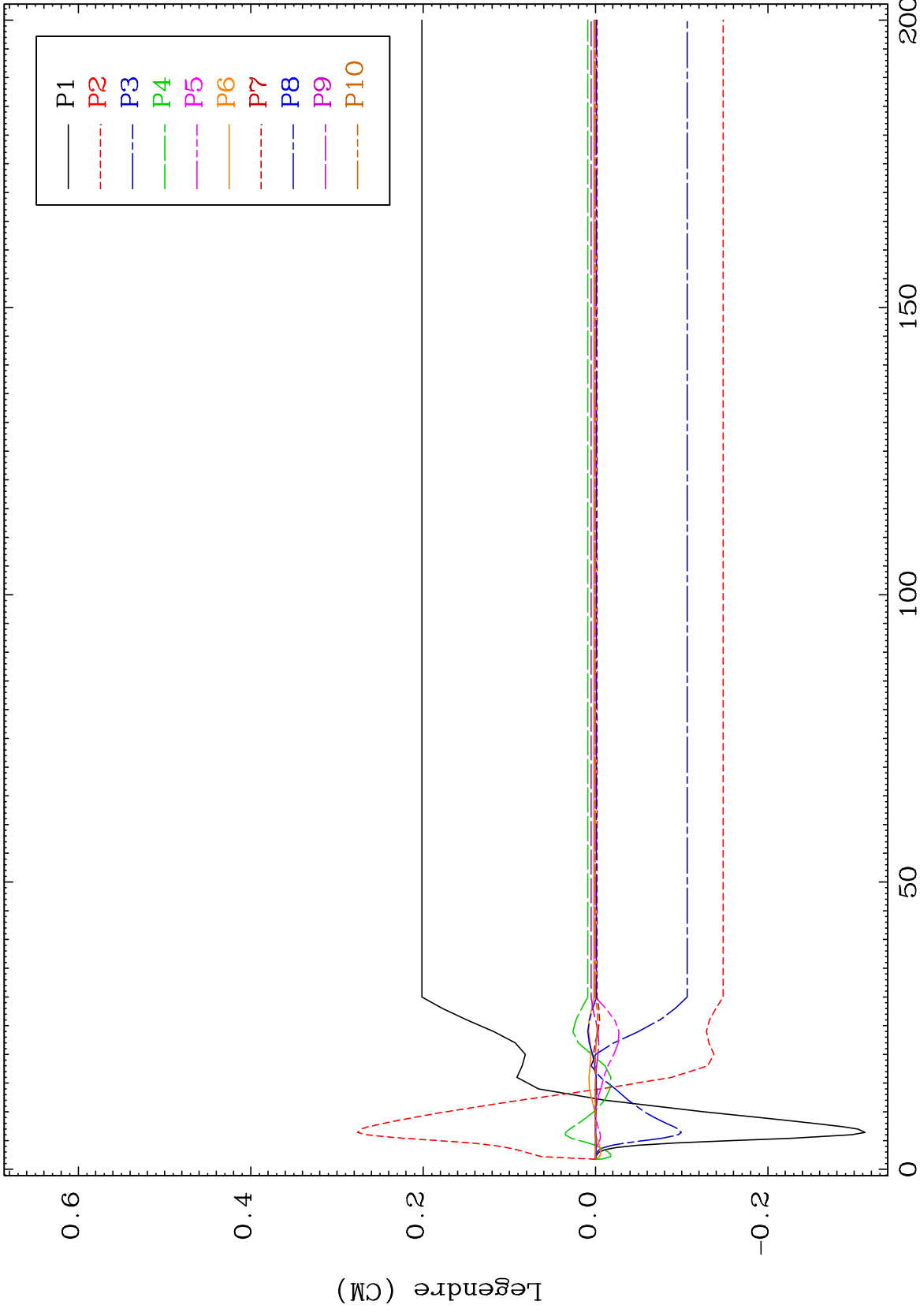
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



39

Incident Energy (MeV)

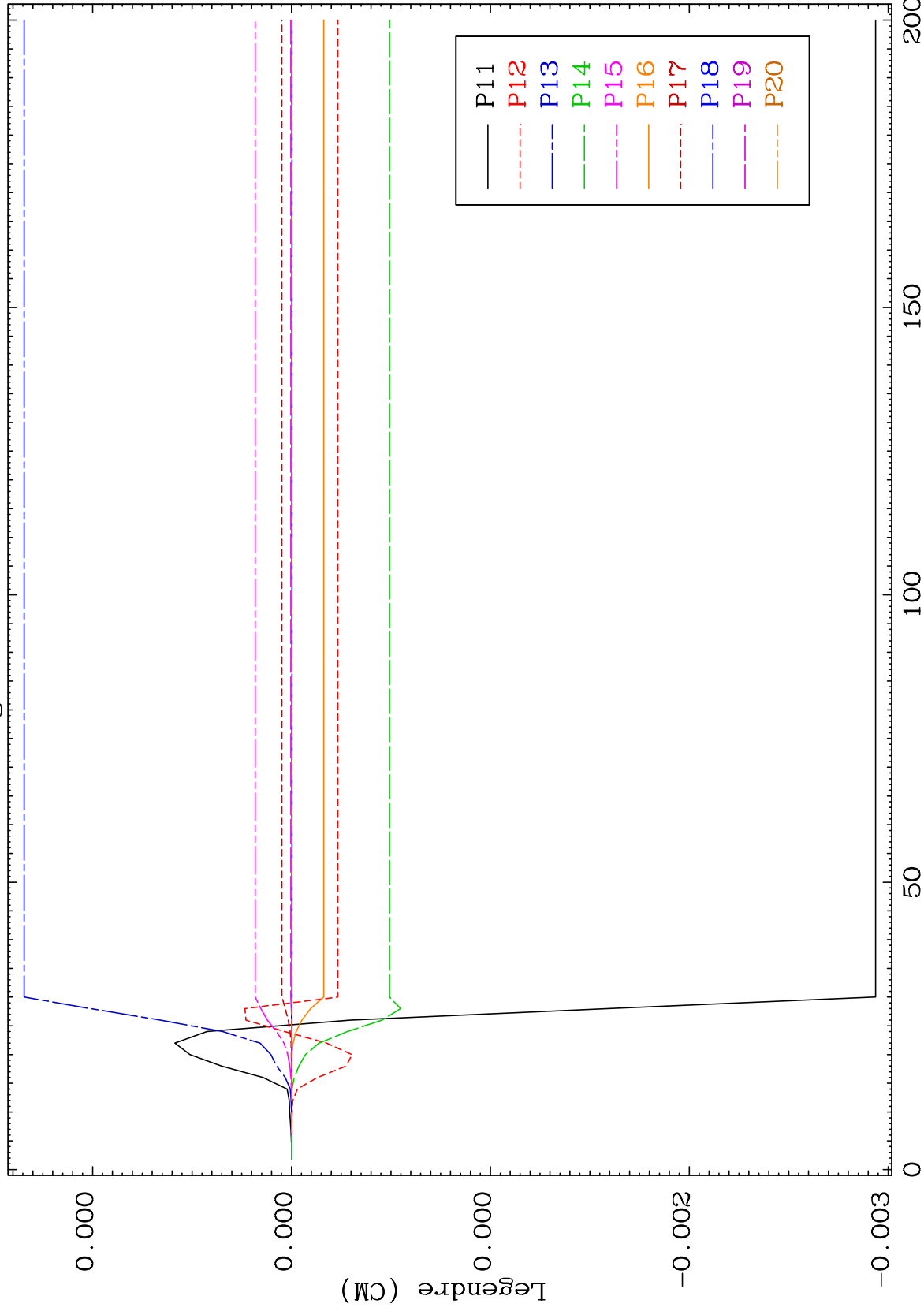
62-Sm-160



MAT 6273

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

62-Sm-160

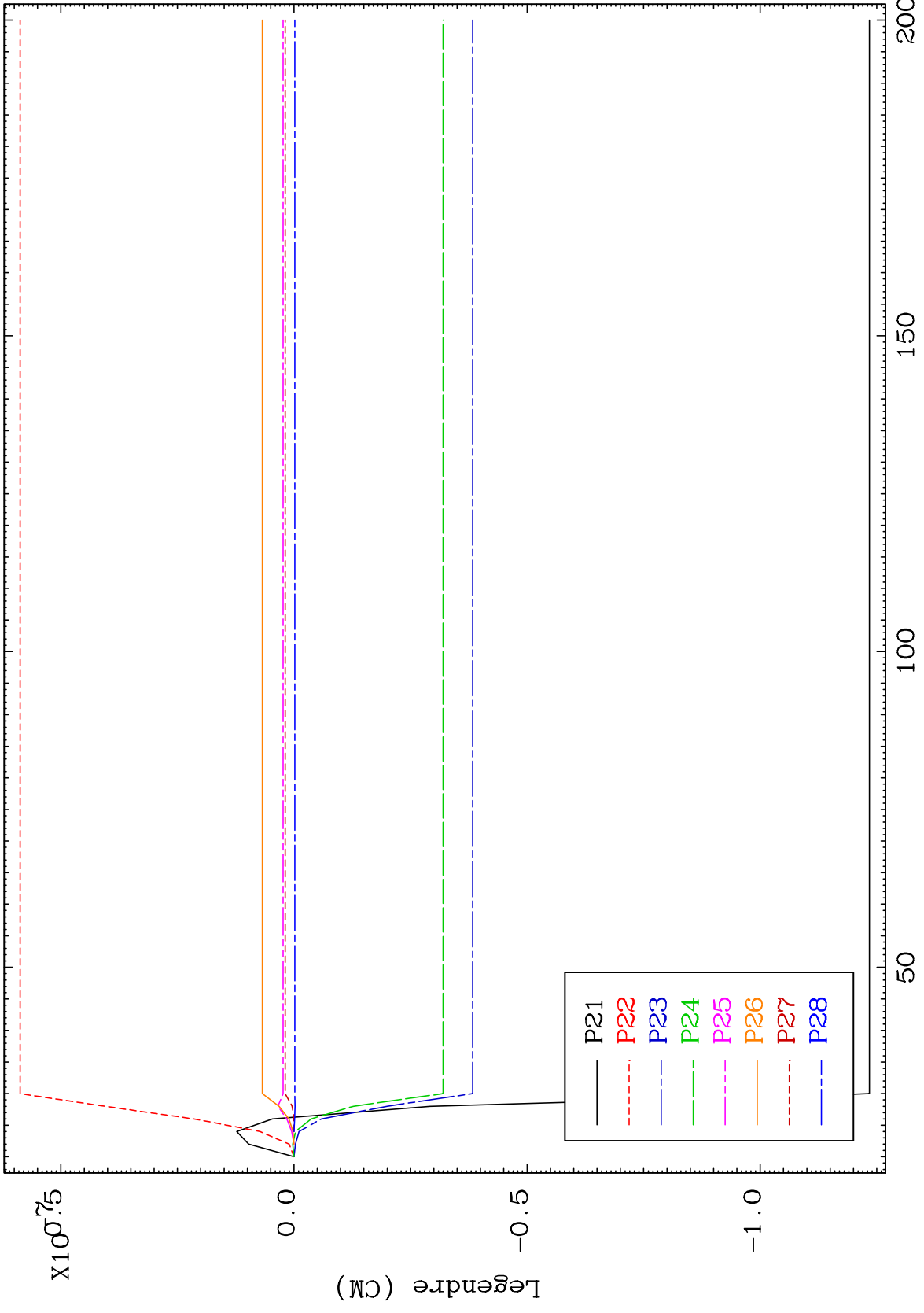


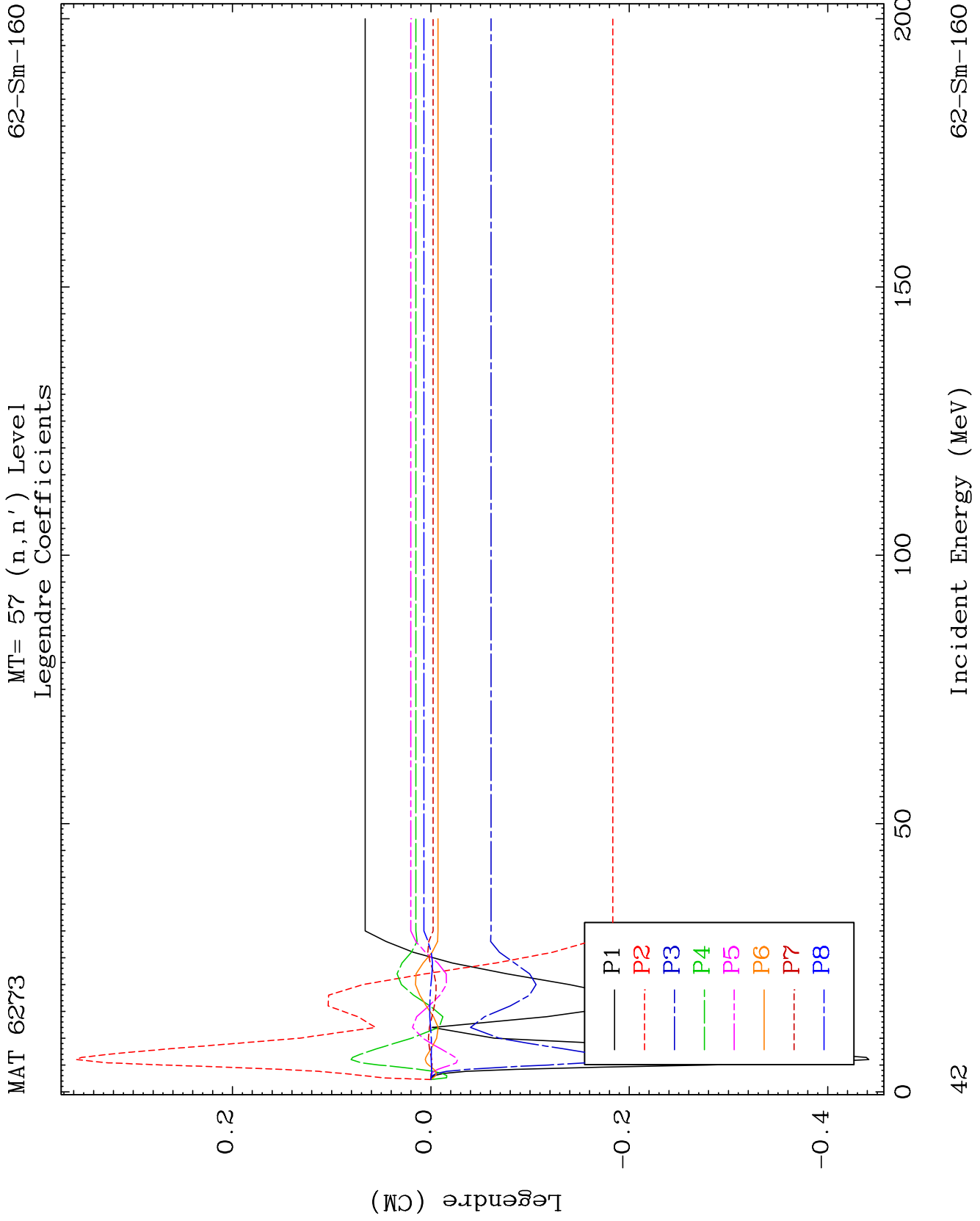
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Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 56 (n,n') Level Legendre Coefficients 62-Sm-160

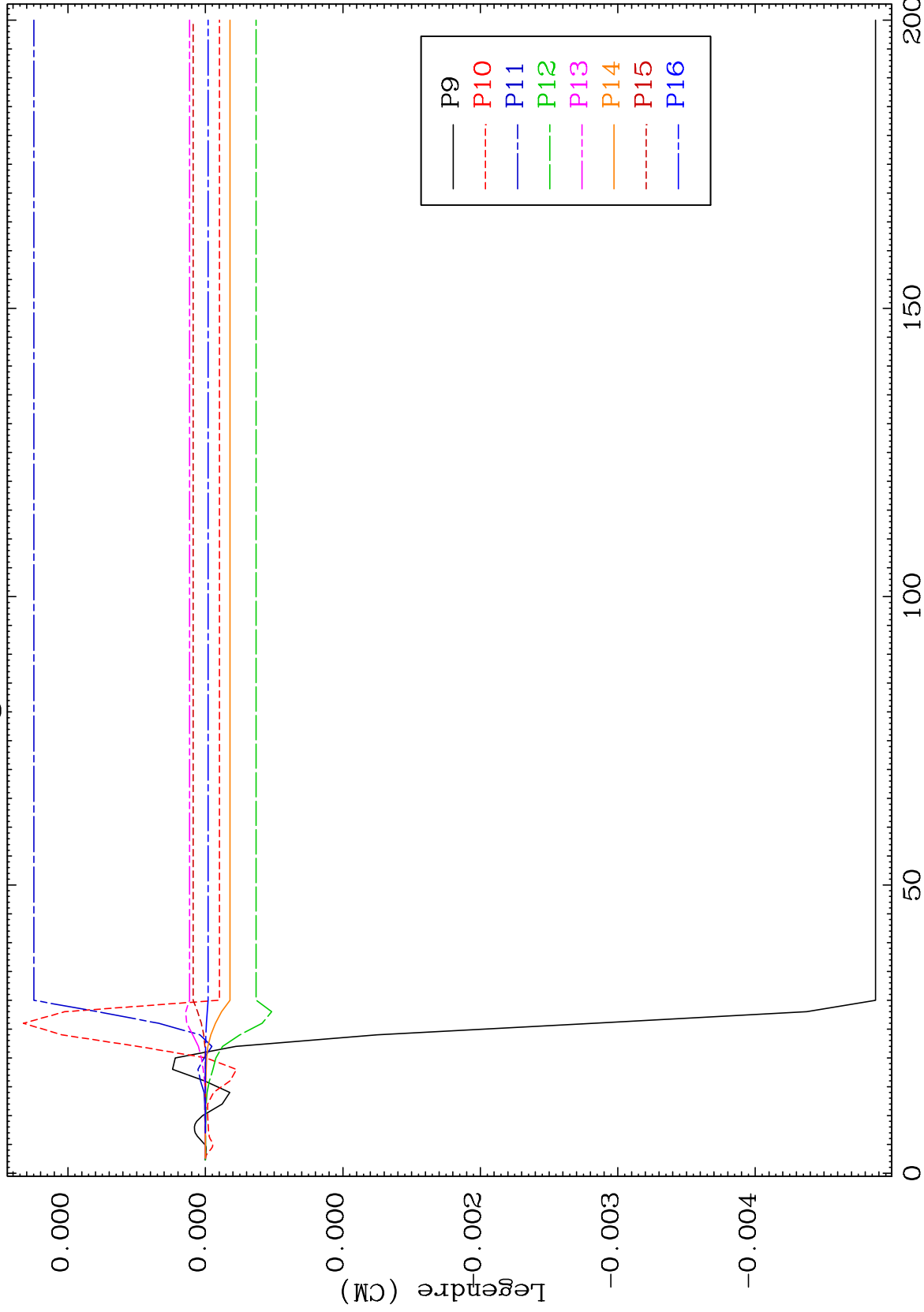




MAT 6273

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

62-Sm-160



43

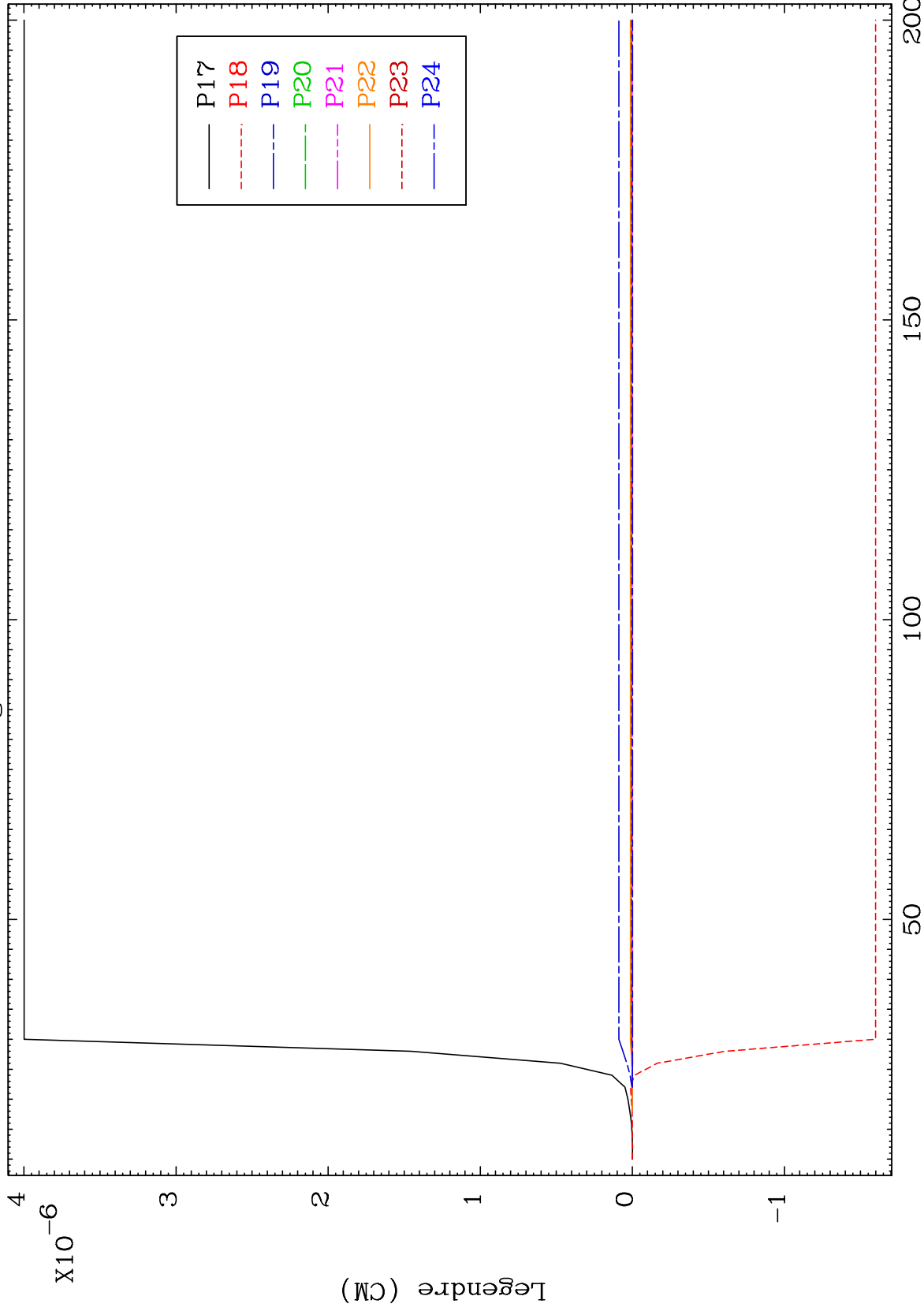
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

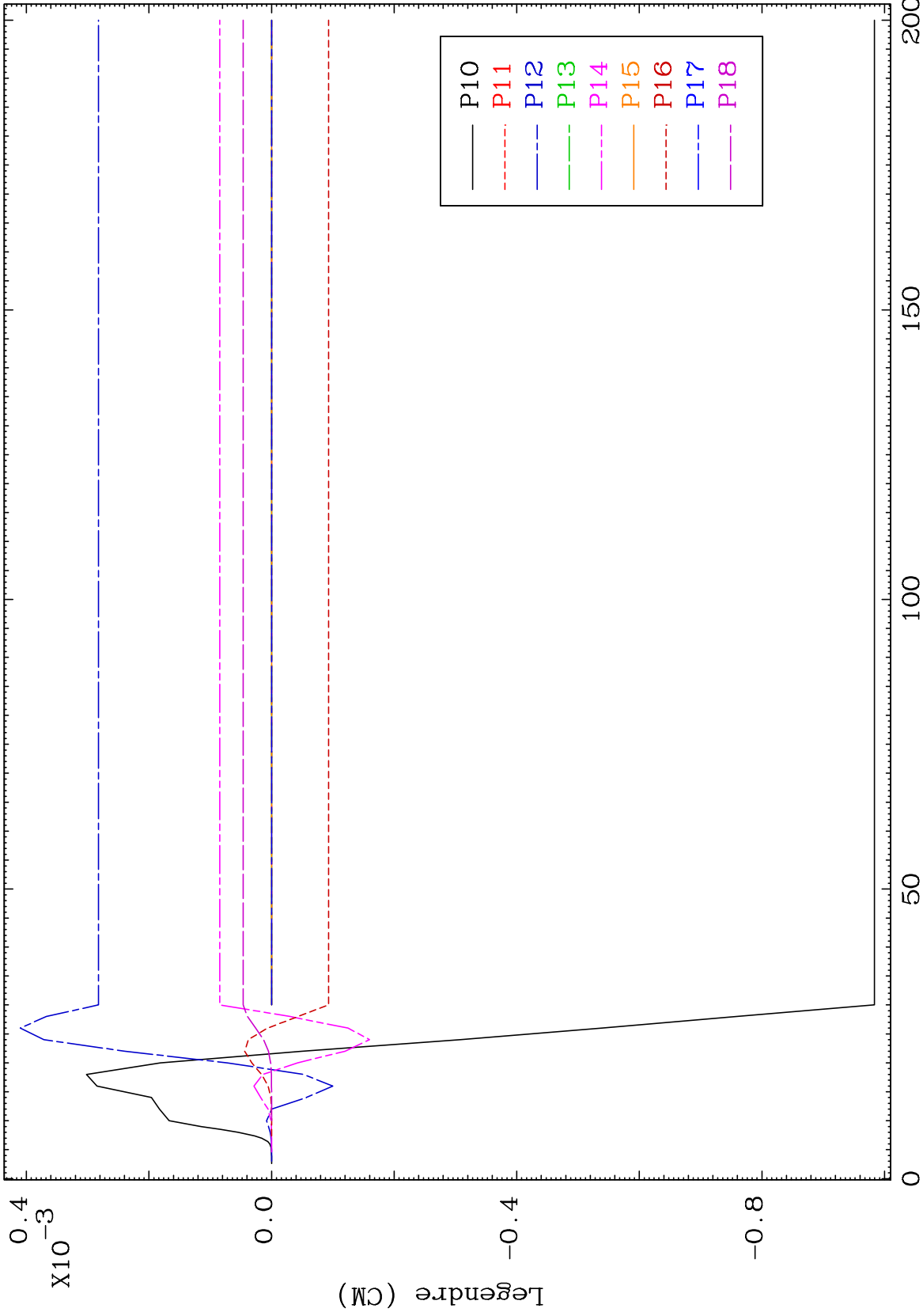




MAT 6273

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

62-Sm-160

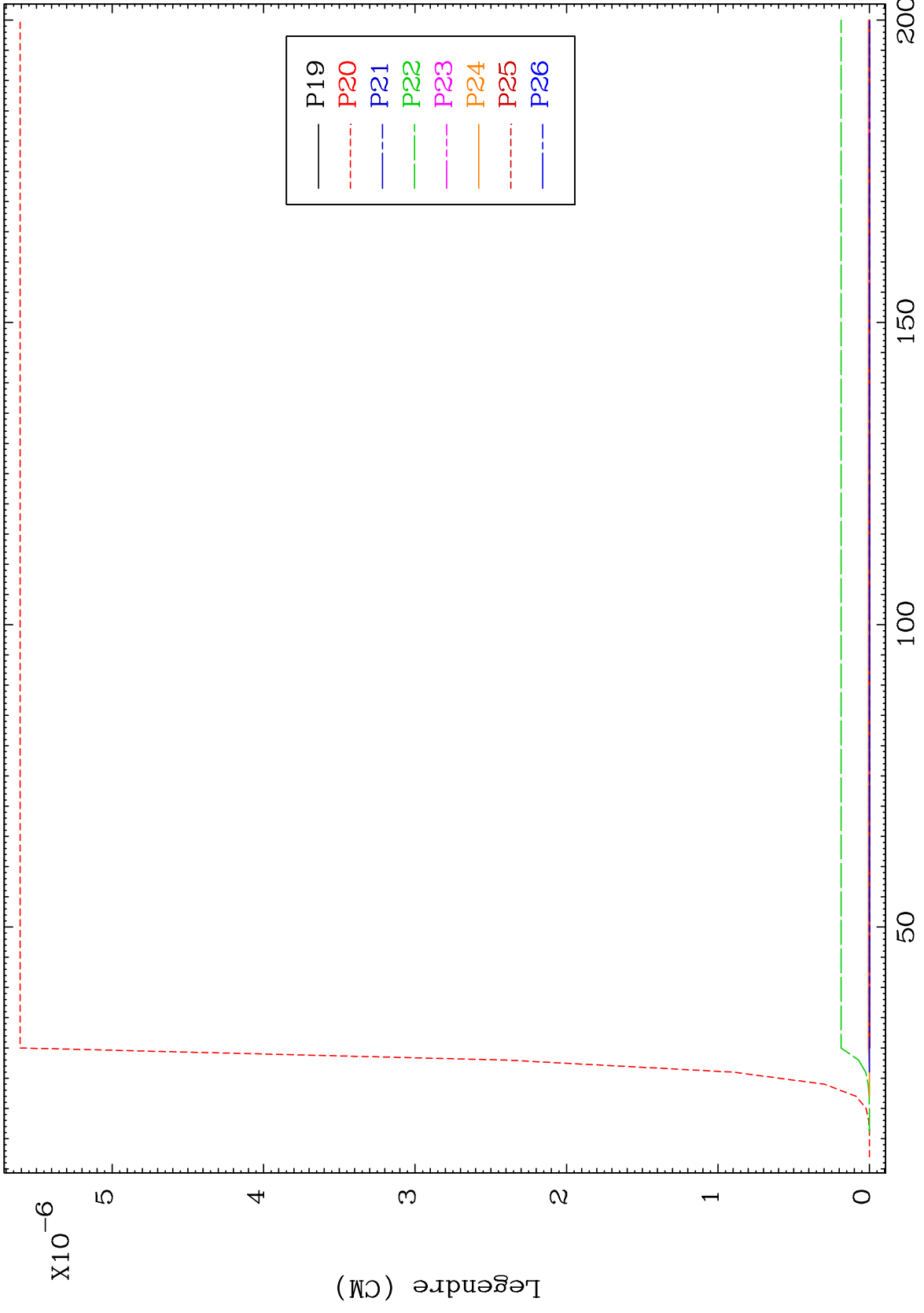


46

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-160



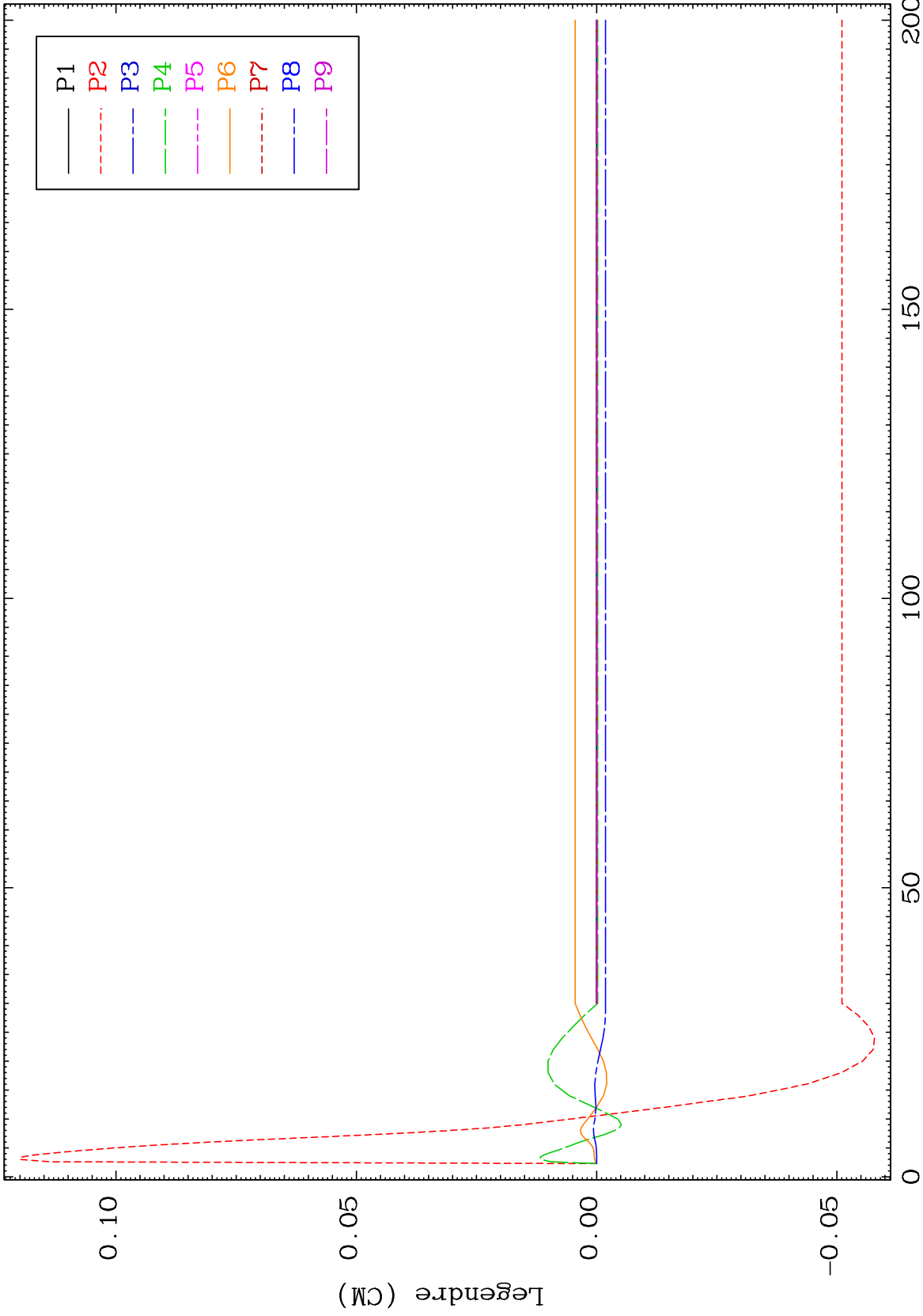
47 Incident Energy (MeV) 62-Sm-160



MAT 6273

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

62-Sm-160



48

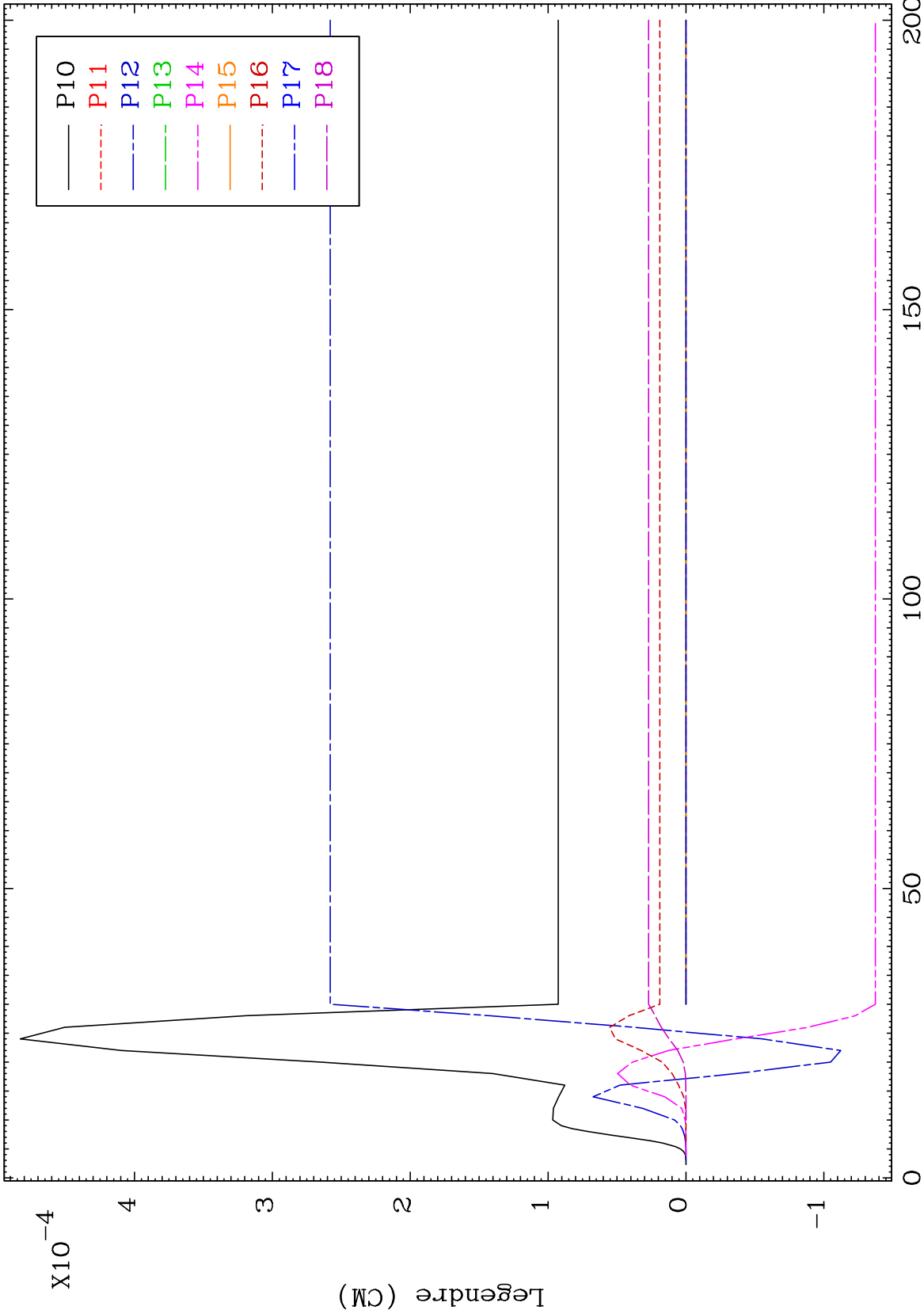
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

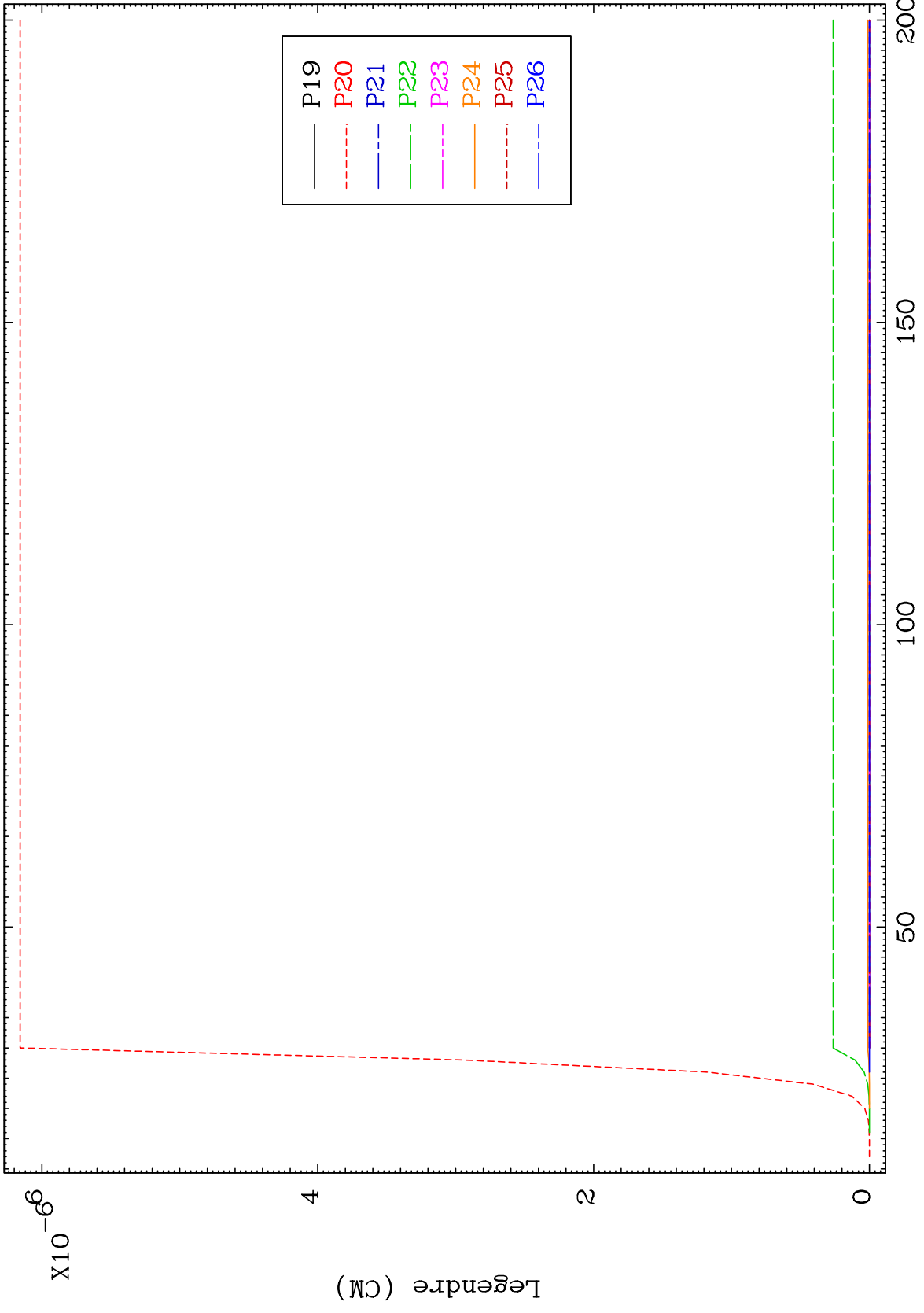


49

Incident Energy (MeV)

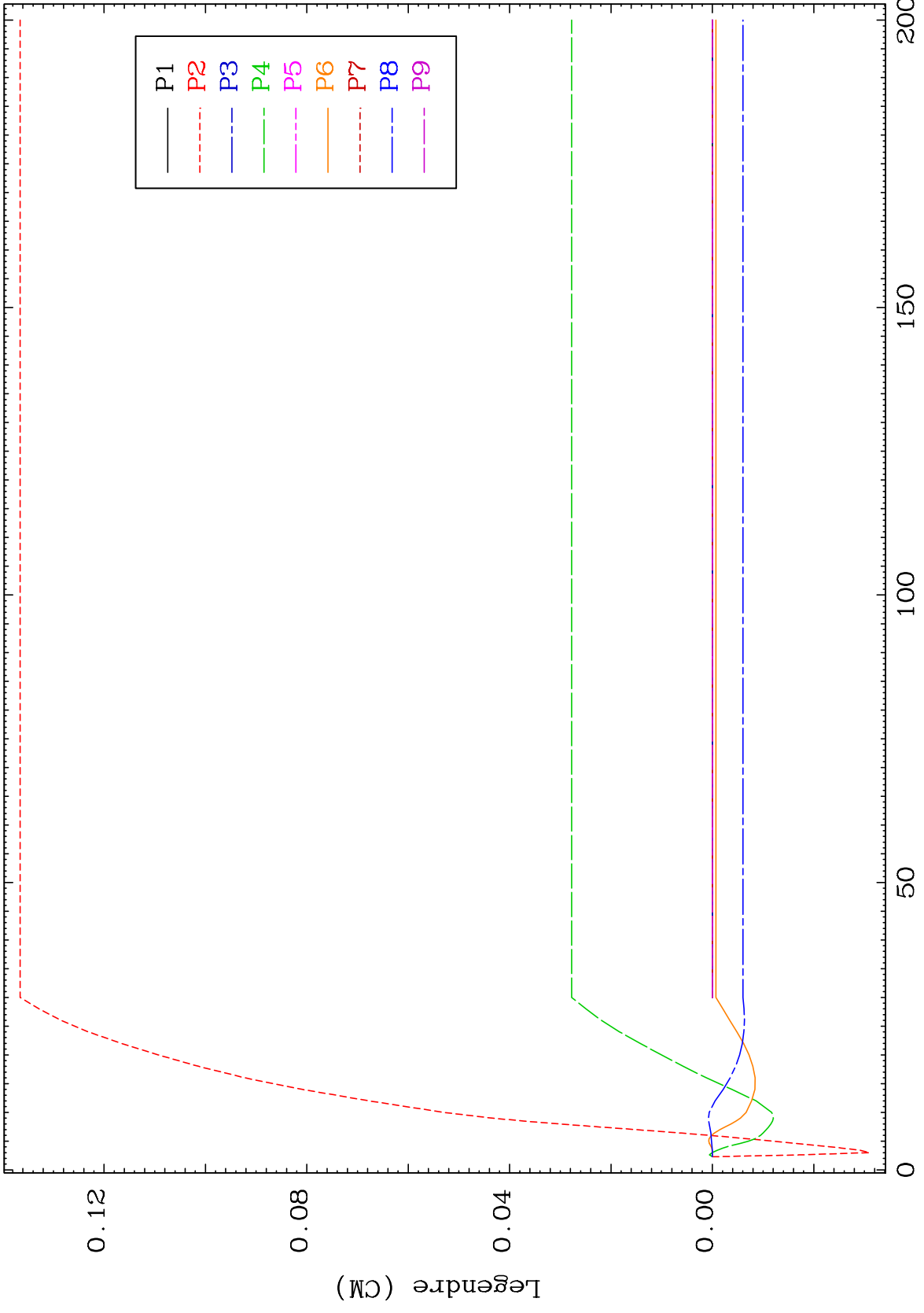
62-Sm-160

MAT 6273 MT= 59 (n,n') Level Legendre Coefficients 62-Sm-160



62-Sm-160

MAT 6273 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-160

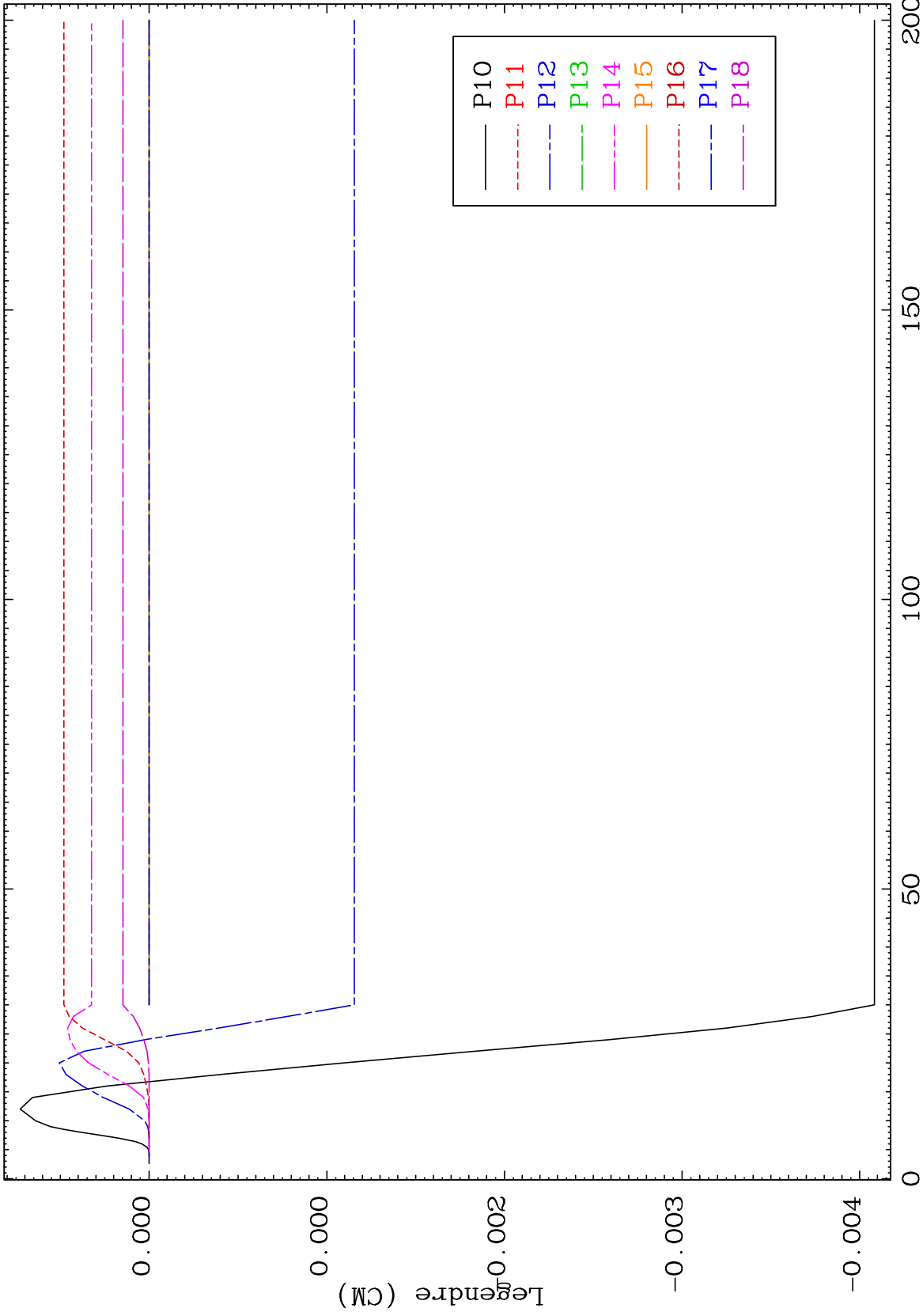


51 62-Sm-160

MAT 6273

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

62-Sm-160



52

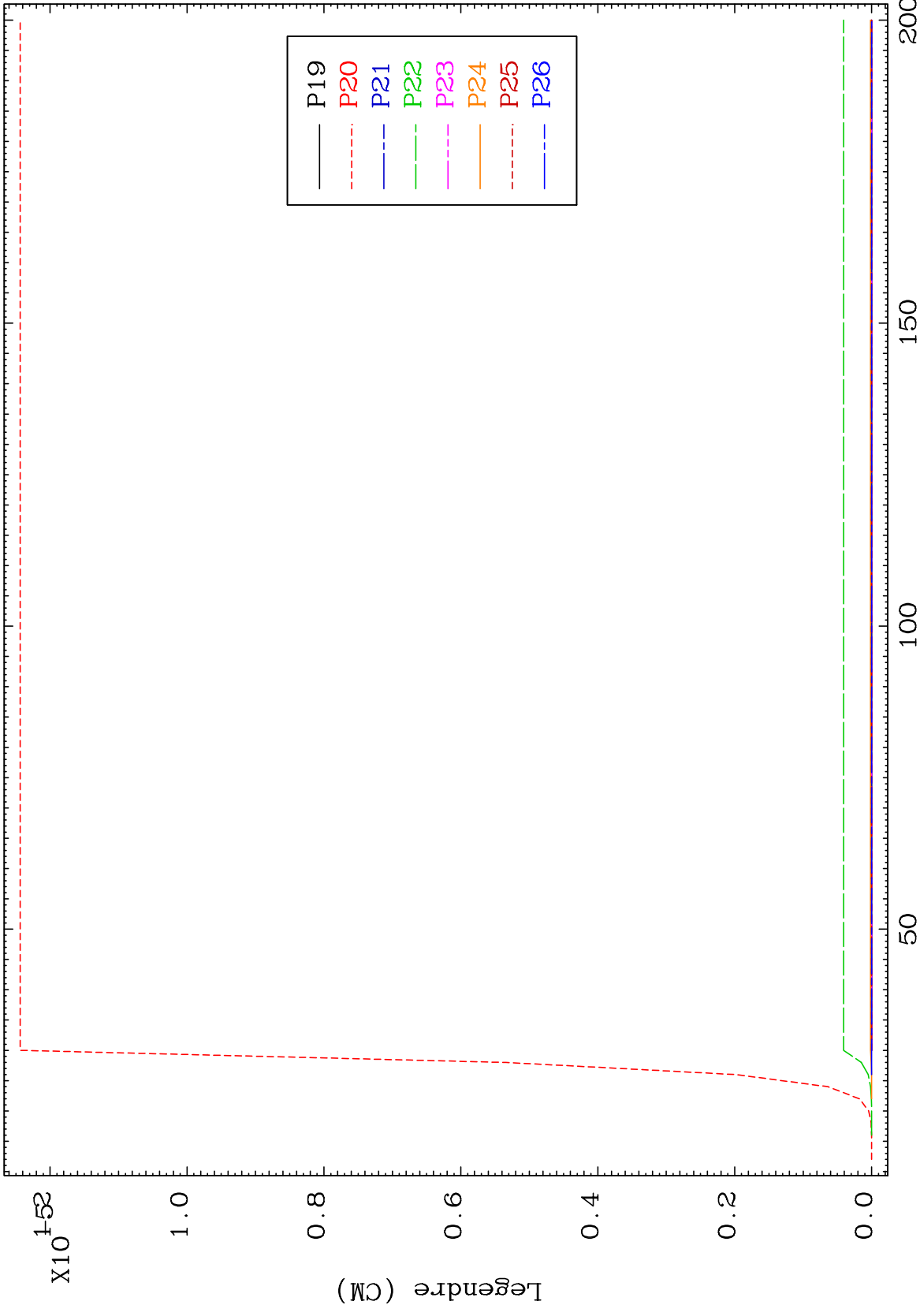
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

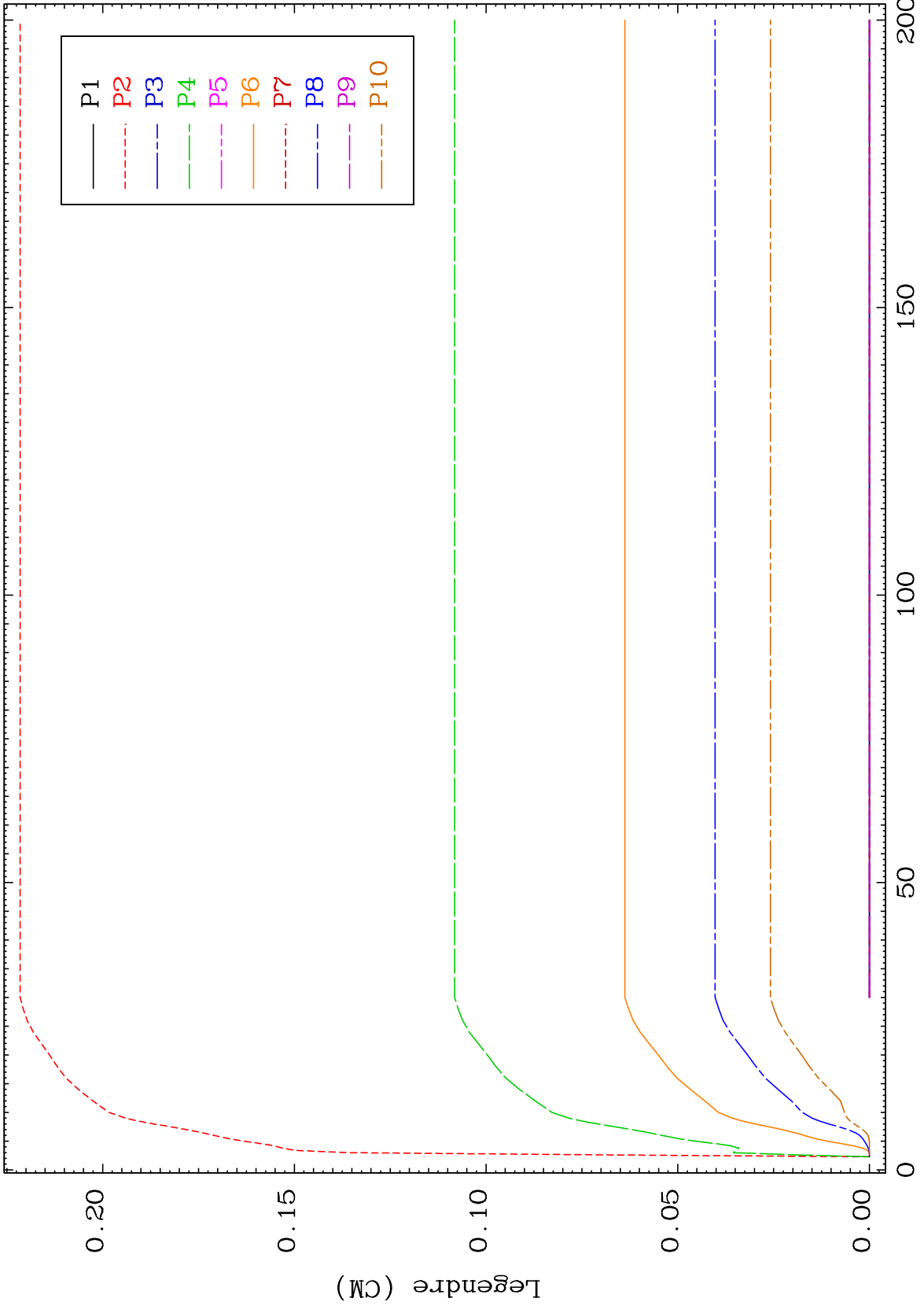


62-Sm-160

Incident Energy (MeV)

53

MAT 6273 MT= 61 (n,n') Level Legendre Coefficients 62-Sm-160

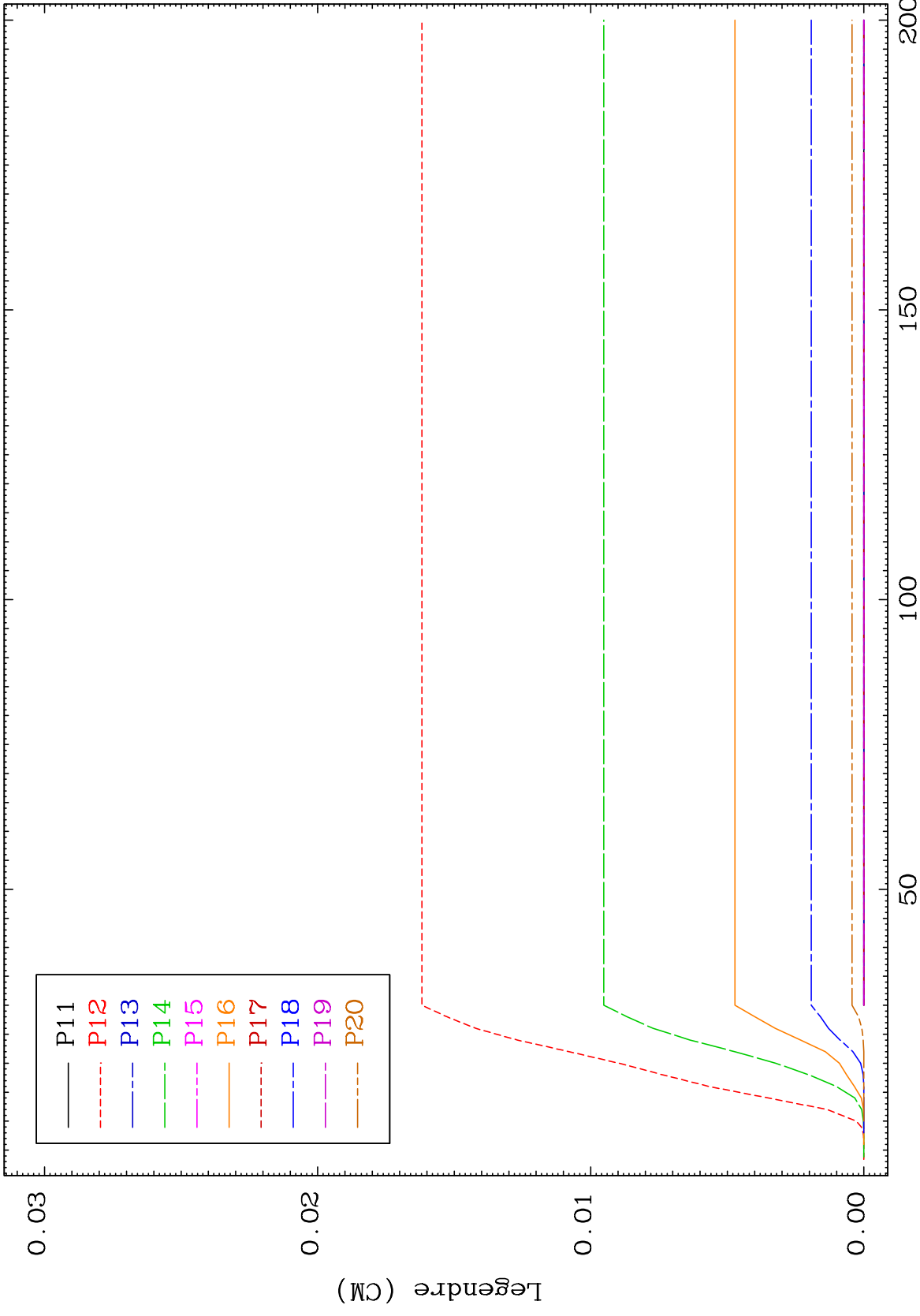


54 Incident Energy (MeV) 62-Sm-160

MAT 6273

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

62-Sm-160



55

Incident Energy (MeV)

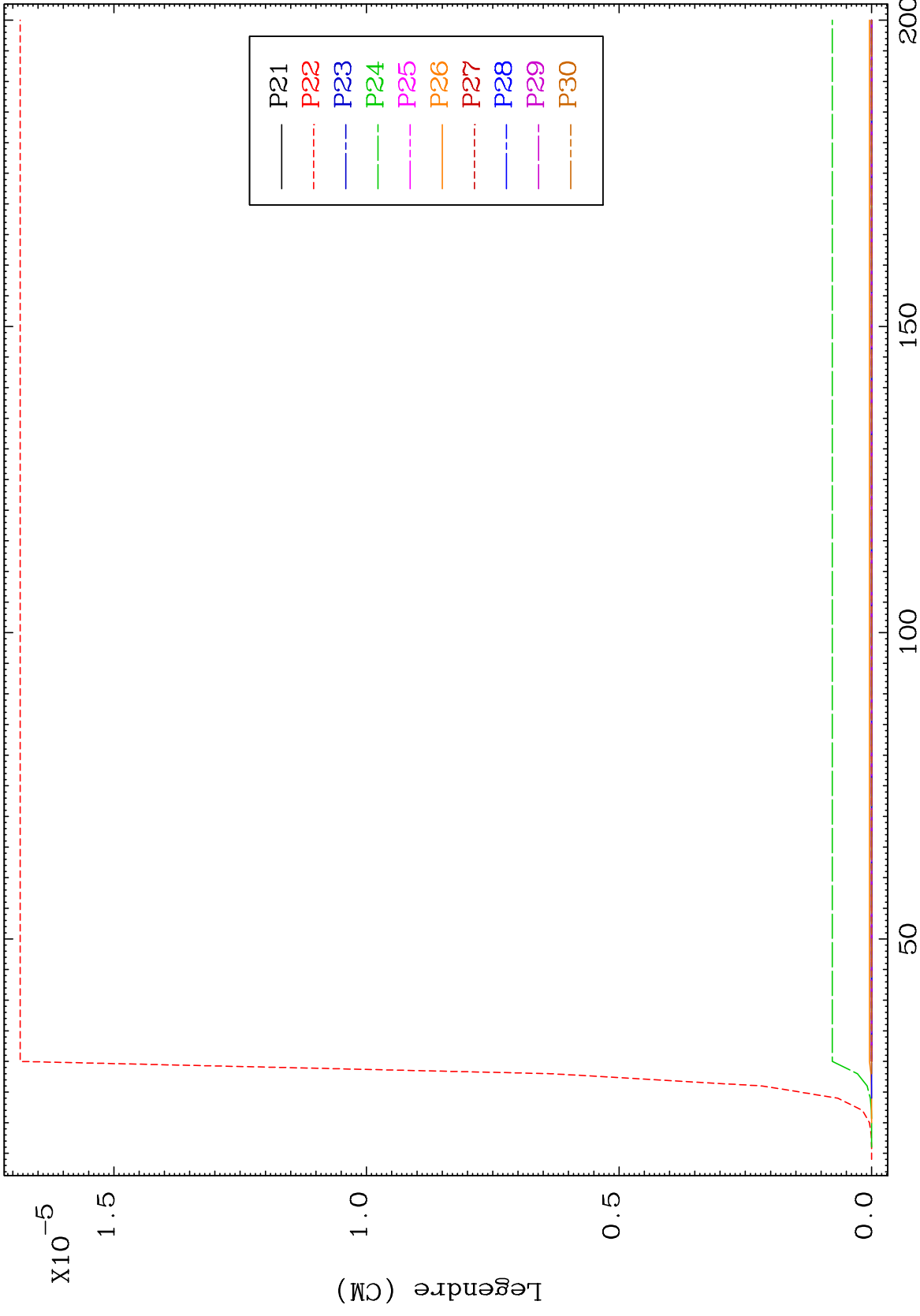
62-Sm-160



MAT 6273

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

62-Sm-160



62-Sm-160

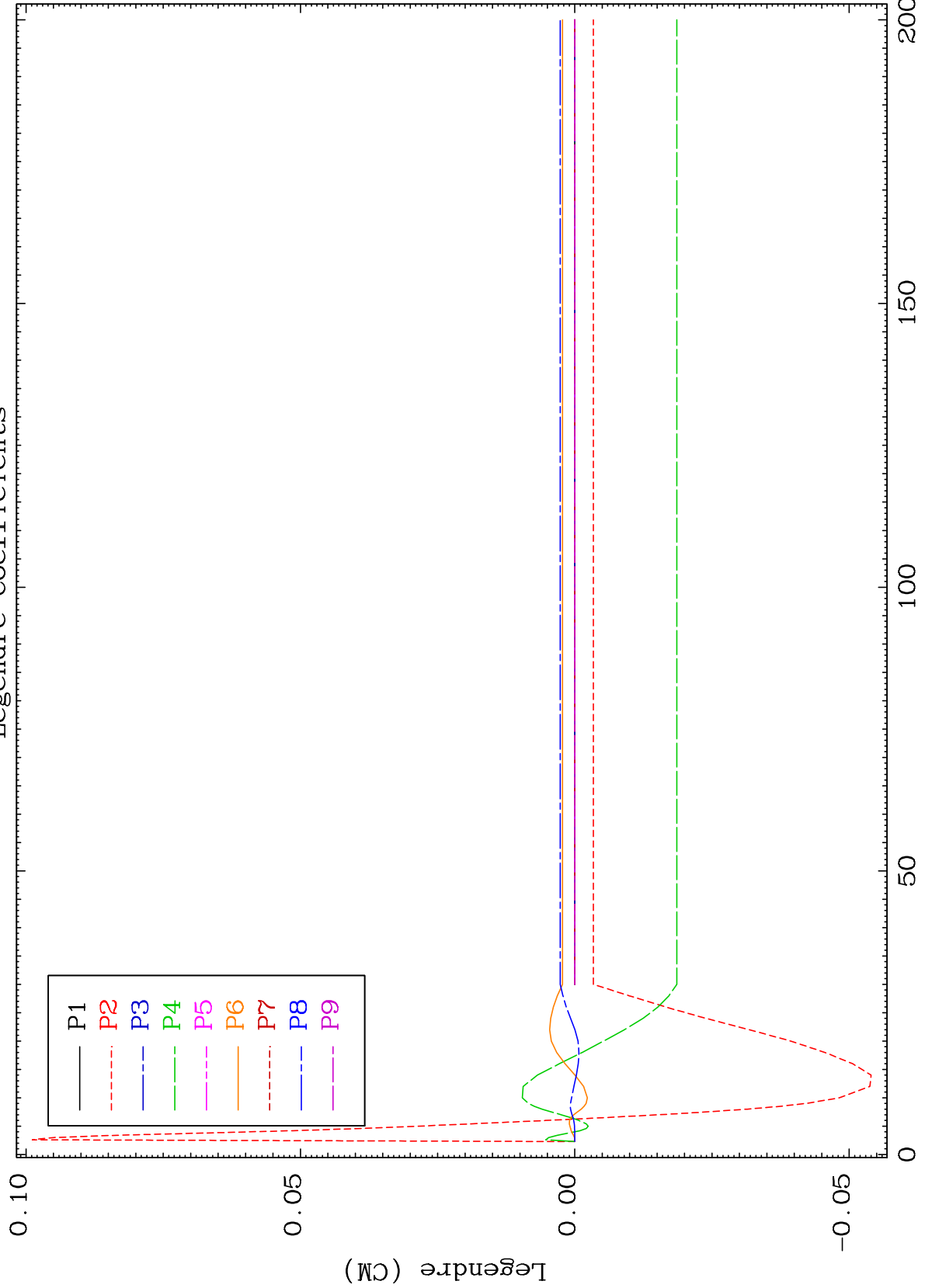
Incident Energy (MeV)

56

MAT 6273 MT= 62 (n,n') Level Legendre Coefficients

62-Sm-160

57



62-Sm-160

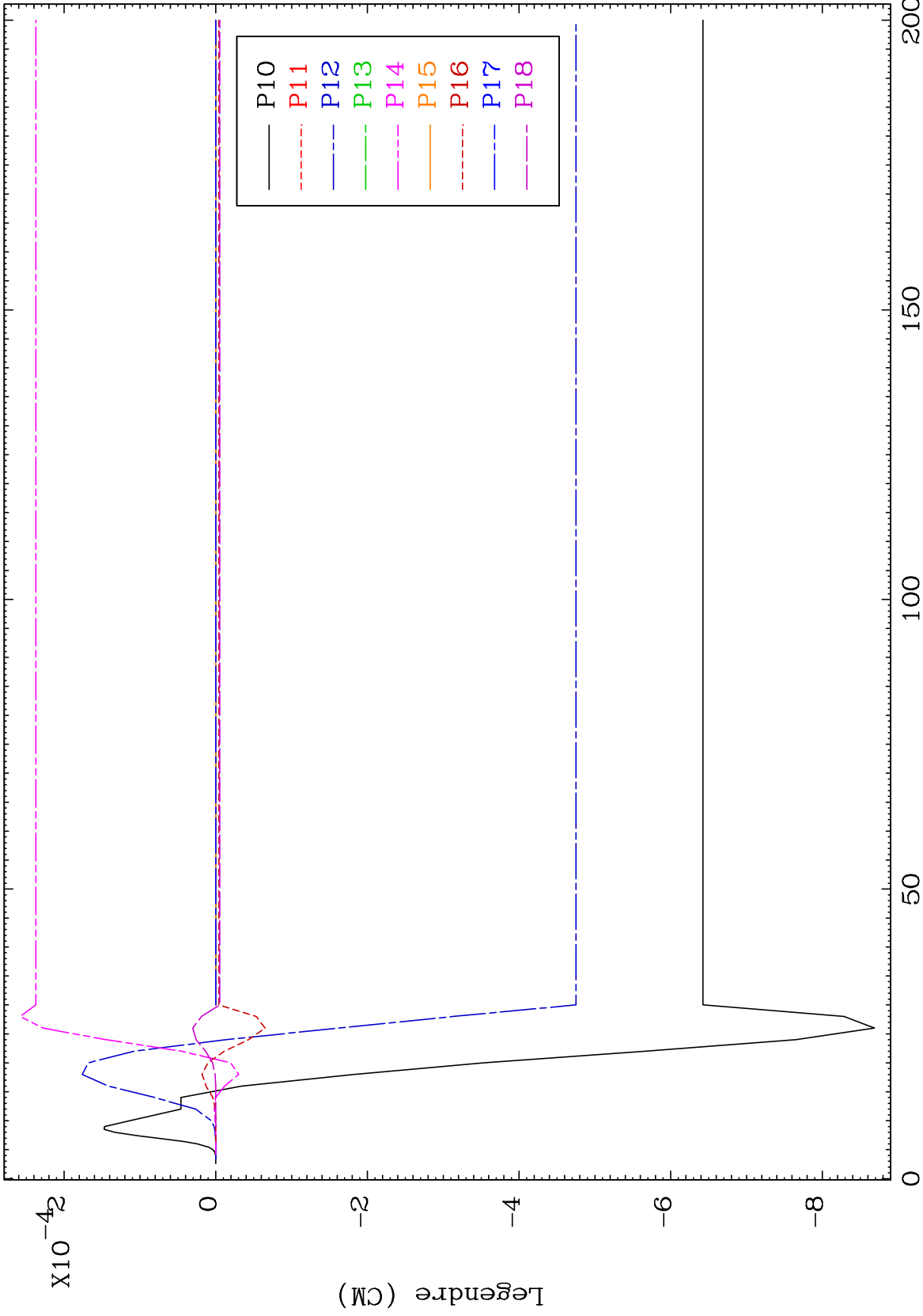
Incident Energy (MeV)

57

MAT 6273

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

62-Sm-160

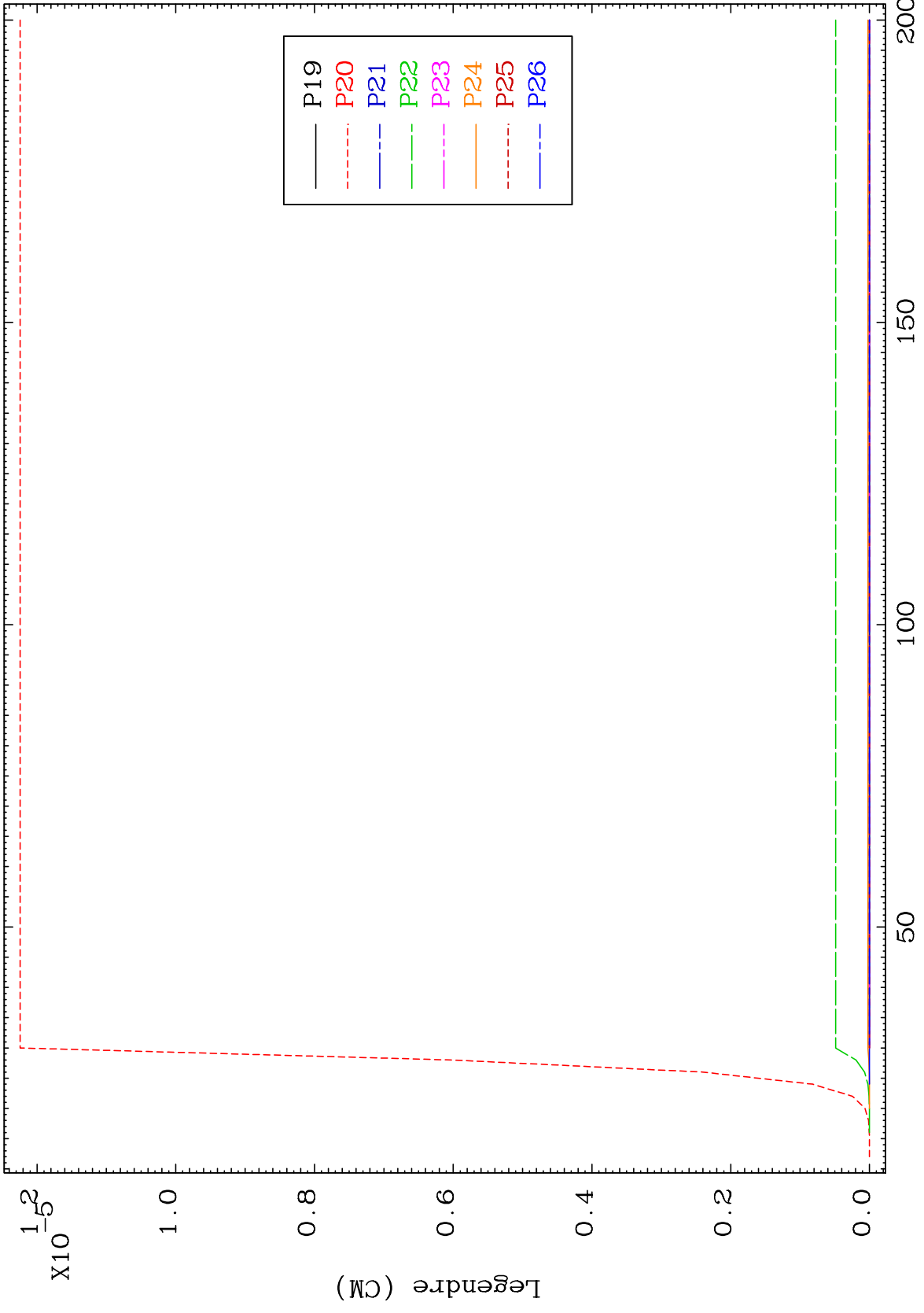


58

Incident Energy (MeV)

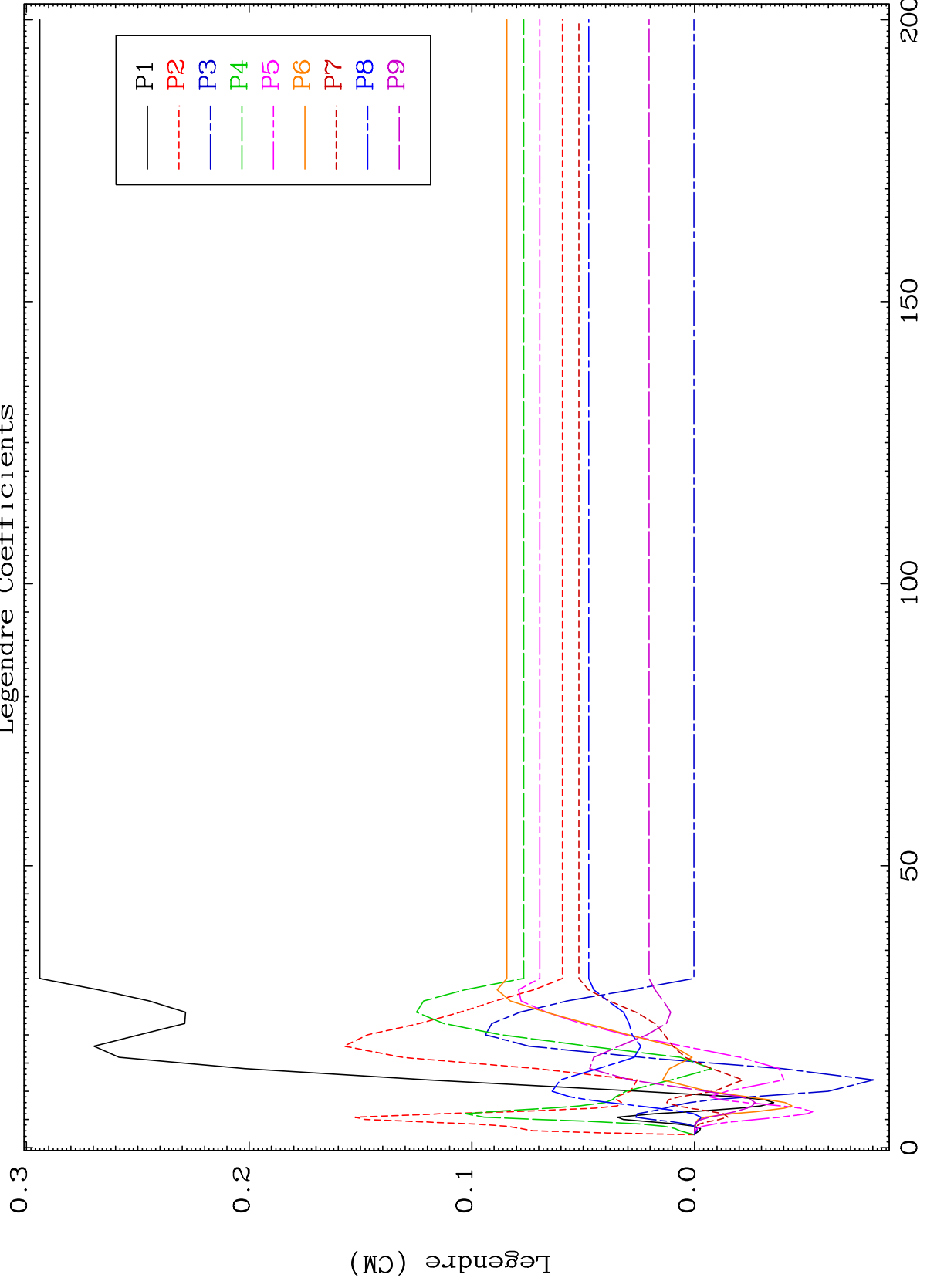
62-Sm-160

MAT 6273 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-160



59 Incident Energy (MeV) 62-Sm-160

MAT 6273 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-160

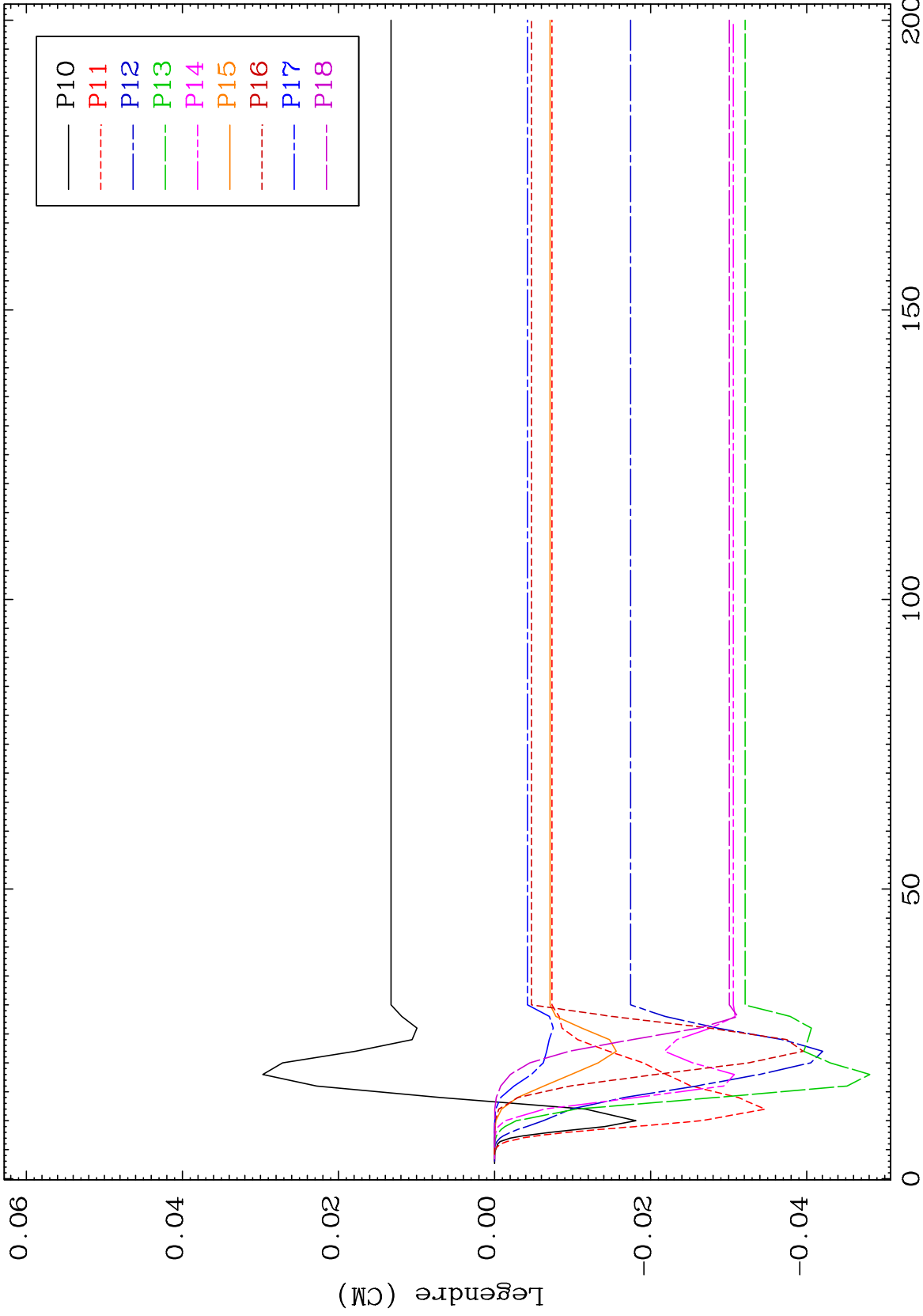


62-Sm-160 Incident Energy (MeV)

MAT 6273

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

62-Sm-160



61

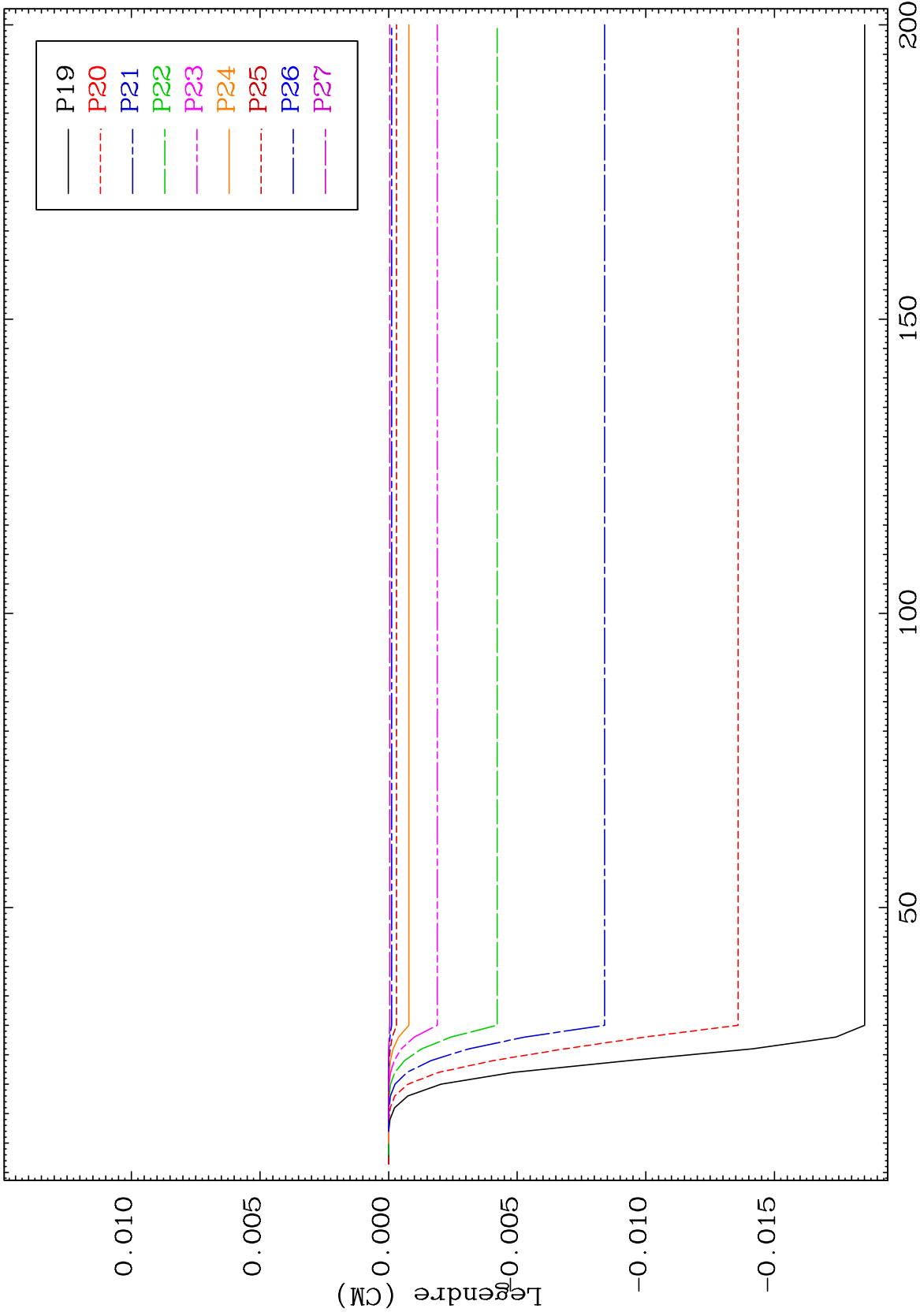
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



62

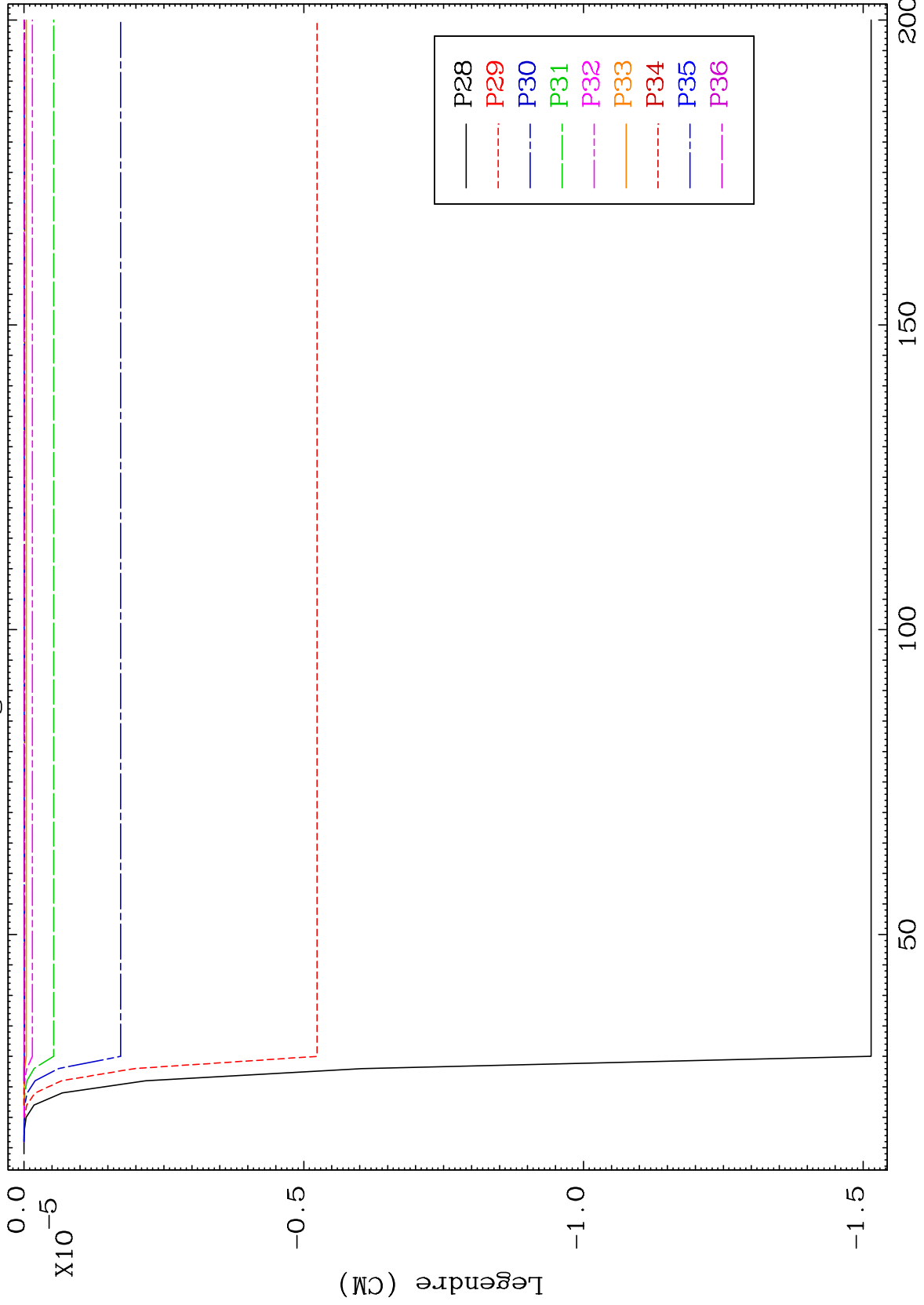
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



63

Incident Energy (MeV)

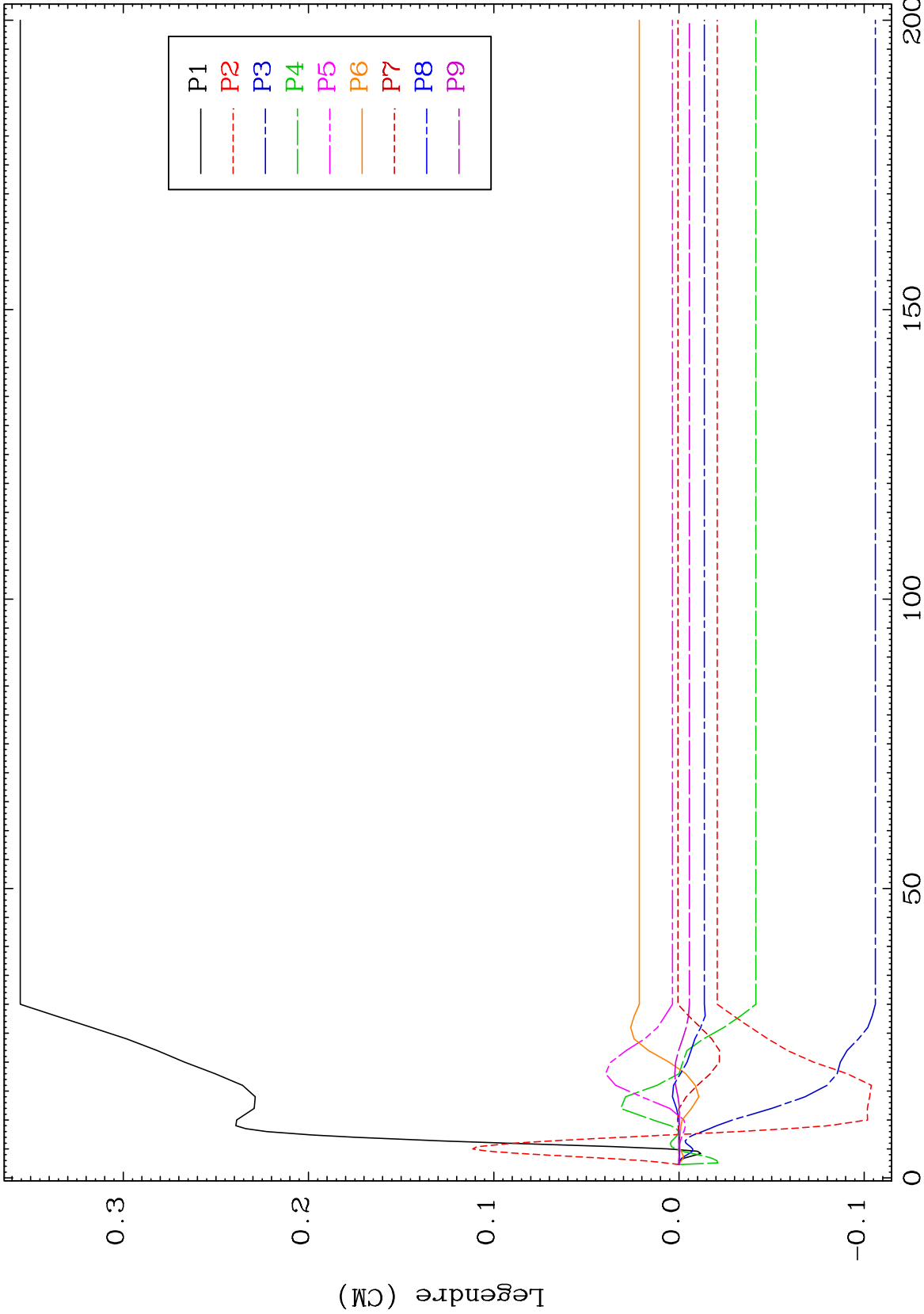
62-Sm-160



MAT 6273

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

62-Sm-160



64

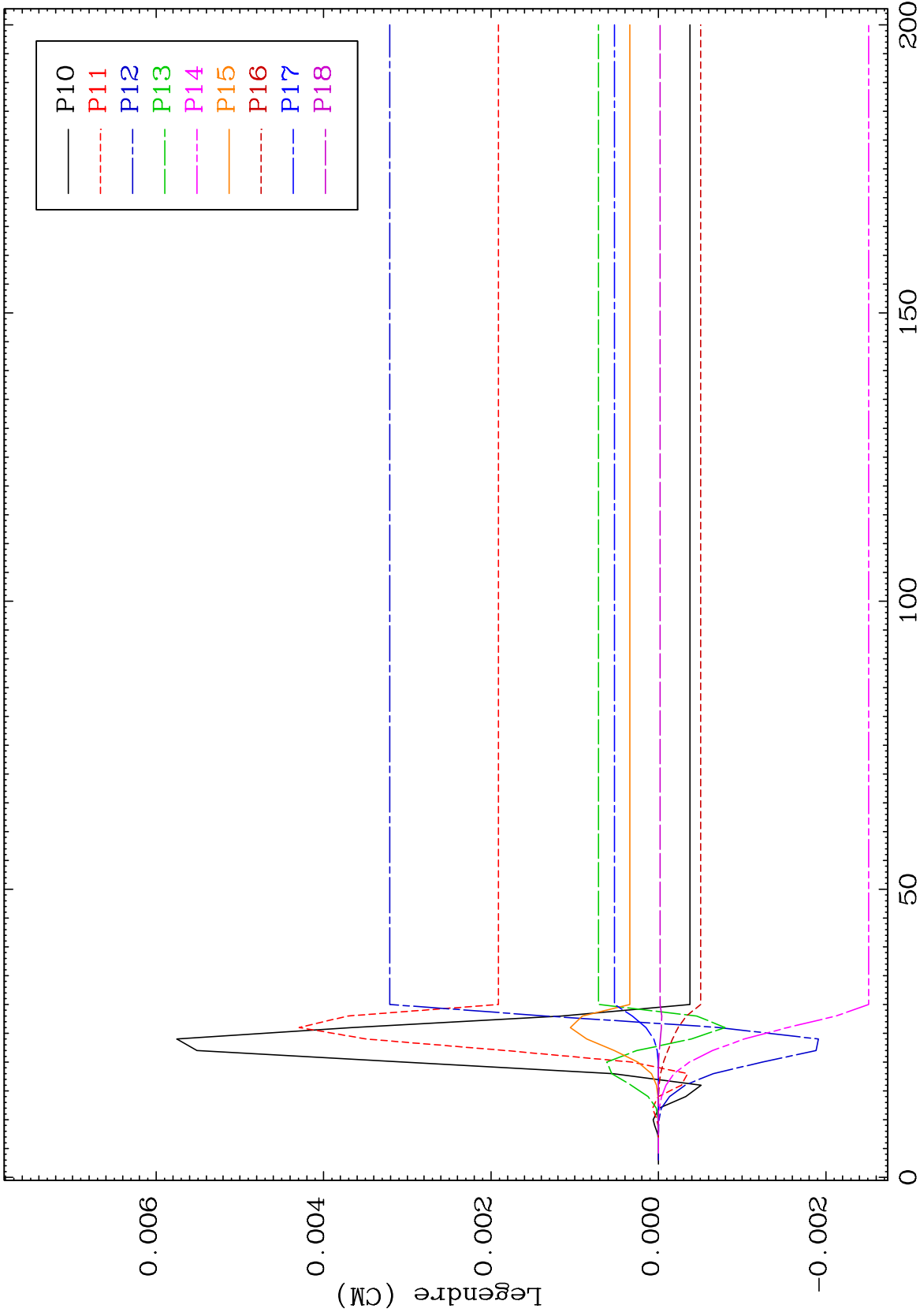
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



65

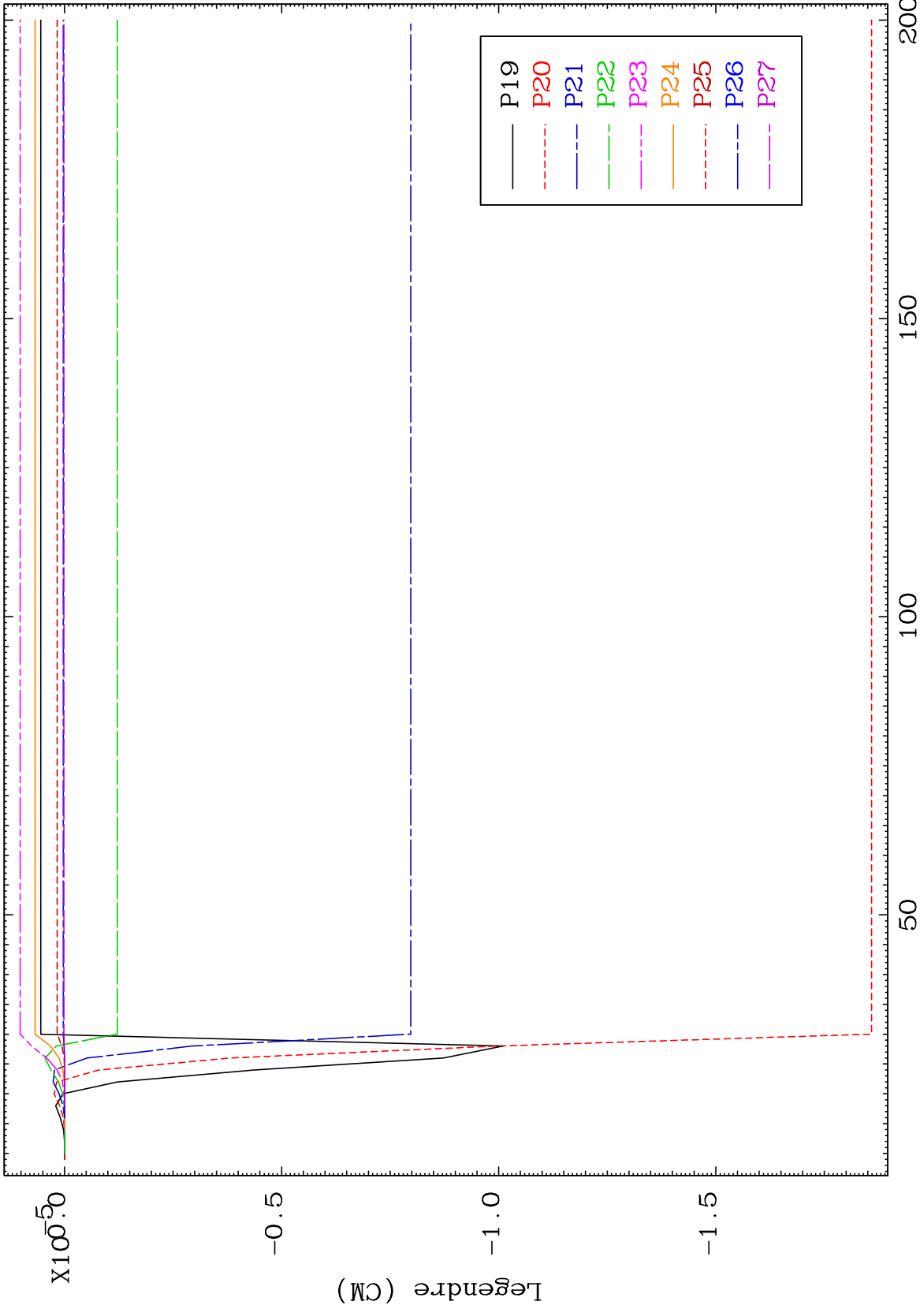
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



62-Sm-160

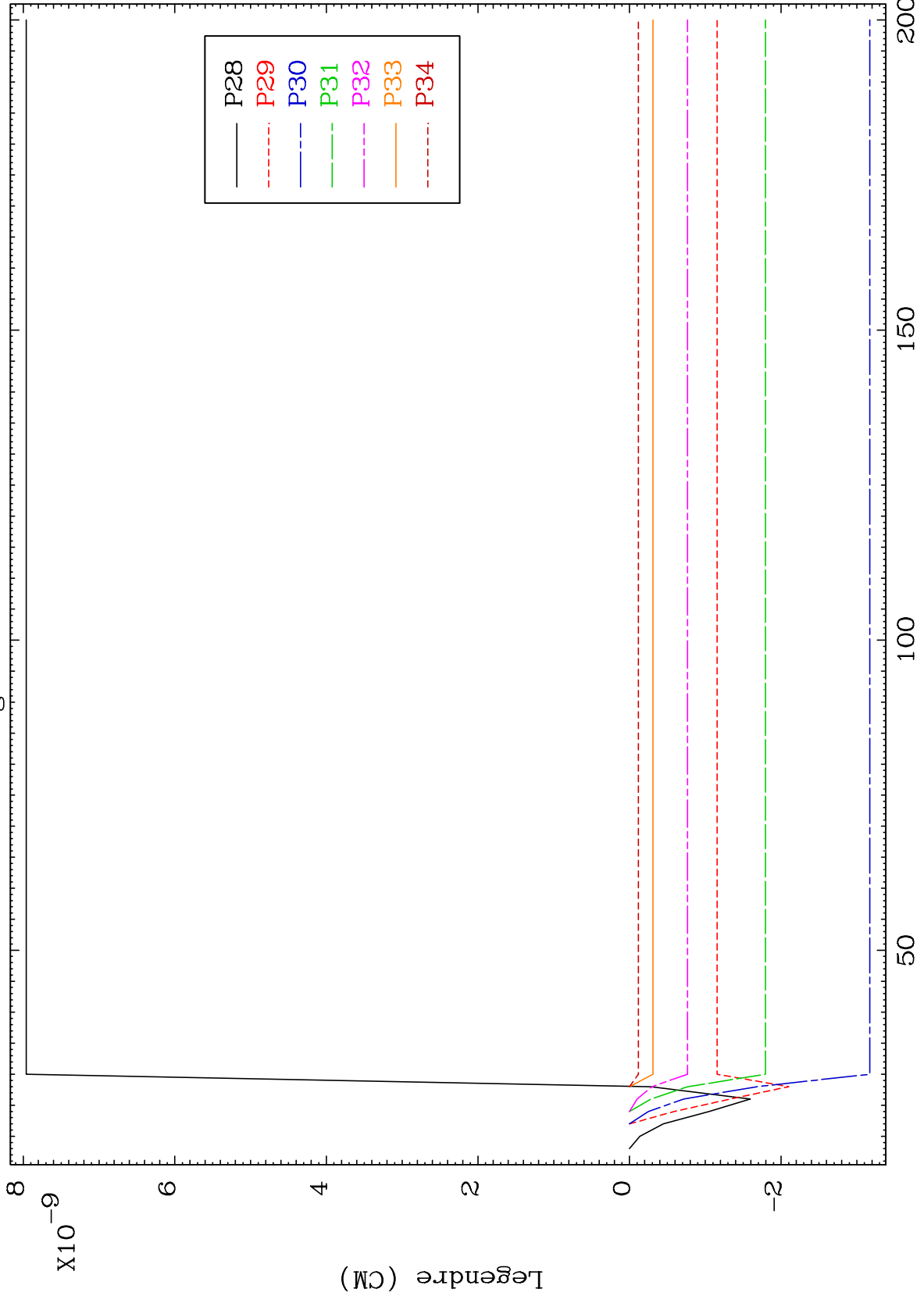
Incident Energy (MeV)

66

MAT 6273

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

62-Sm-160

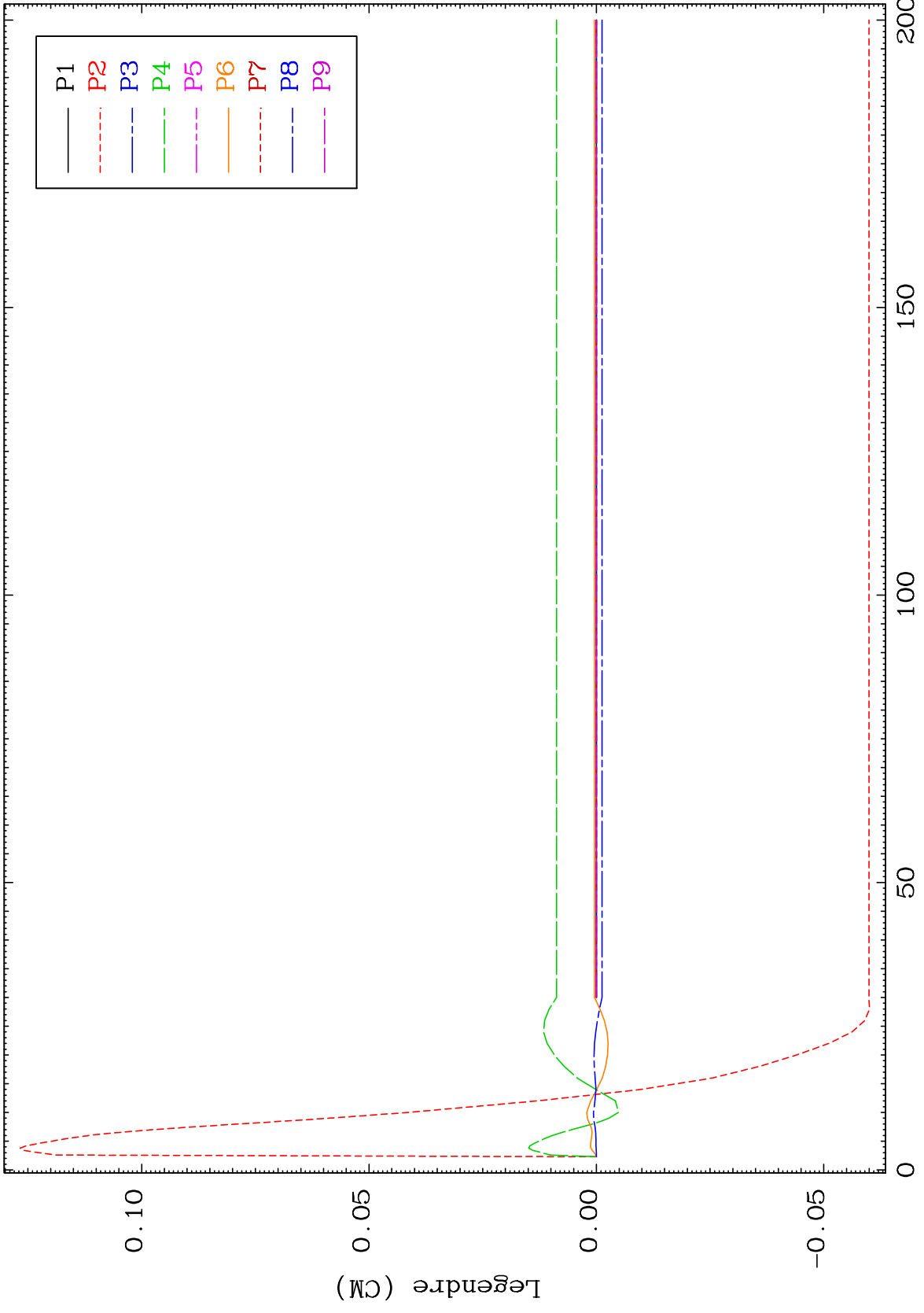


67

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-160

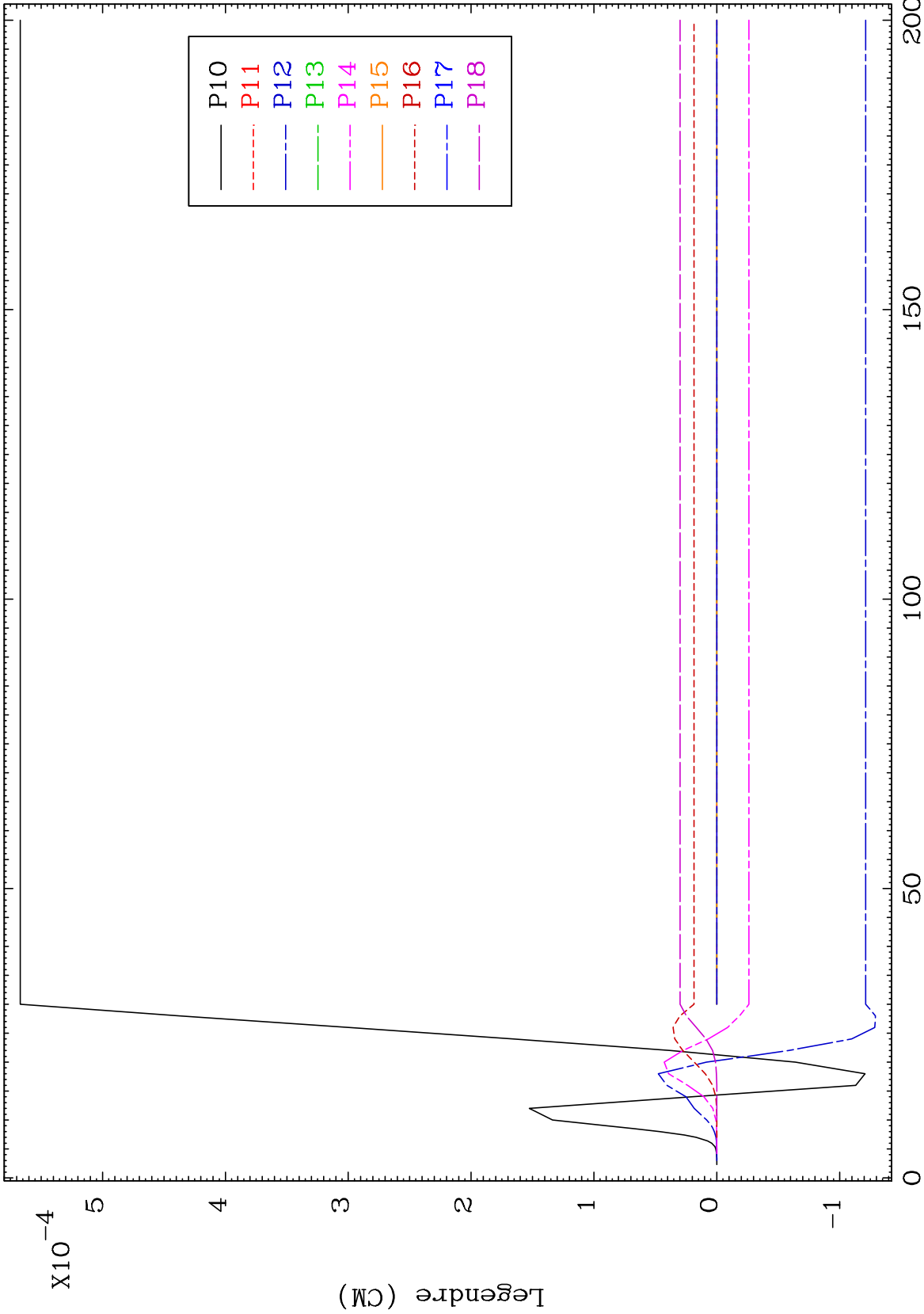


68 62-Sm-160

MAT 6273

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

62-Sm-160

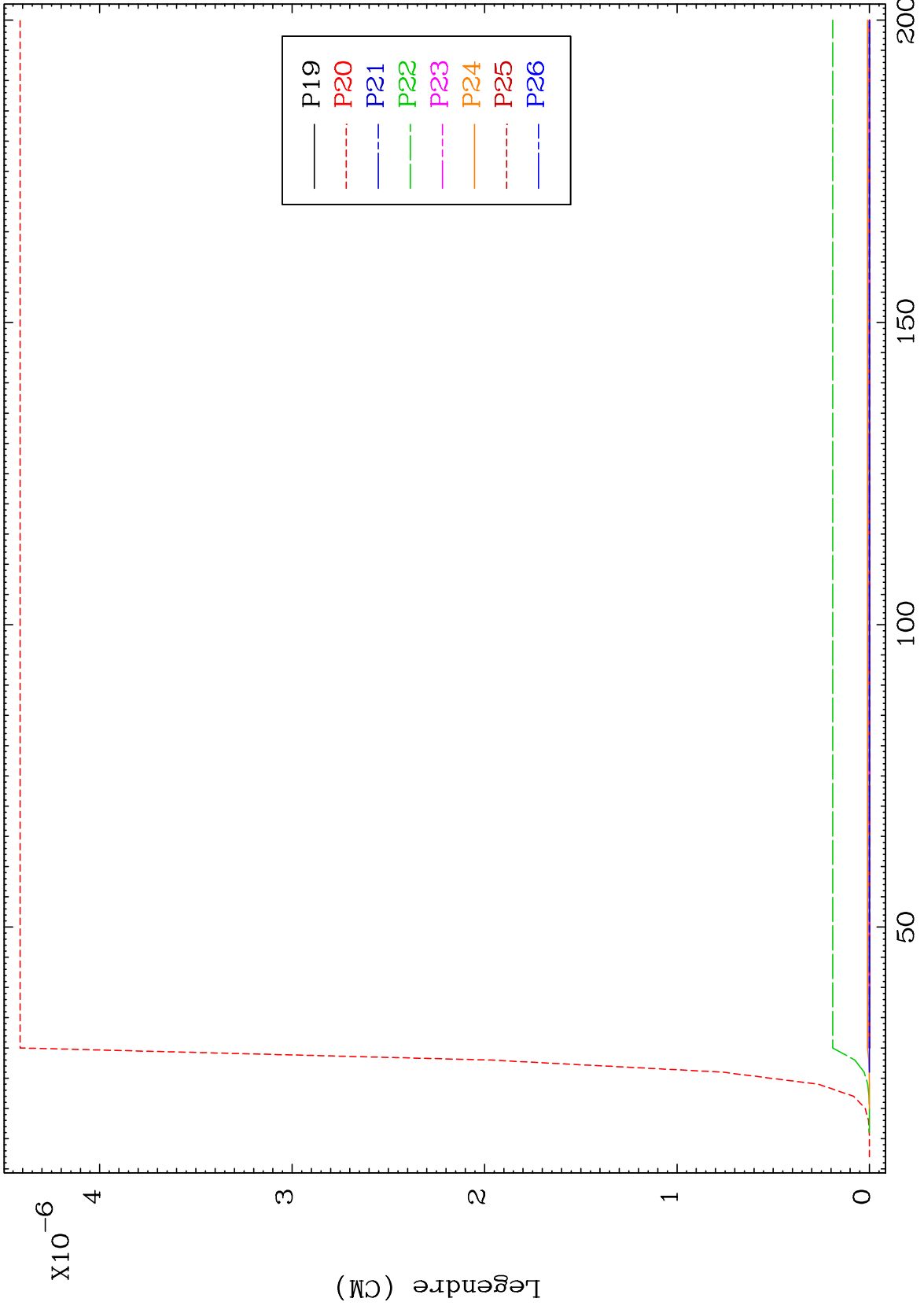


69

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-160

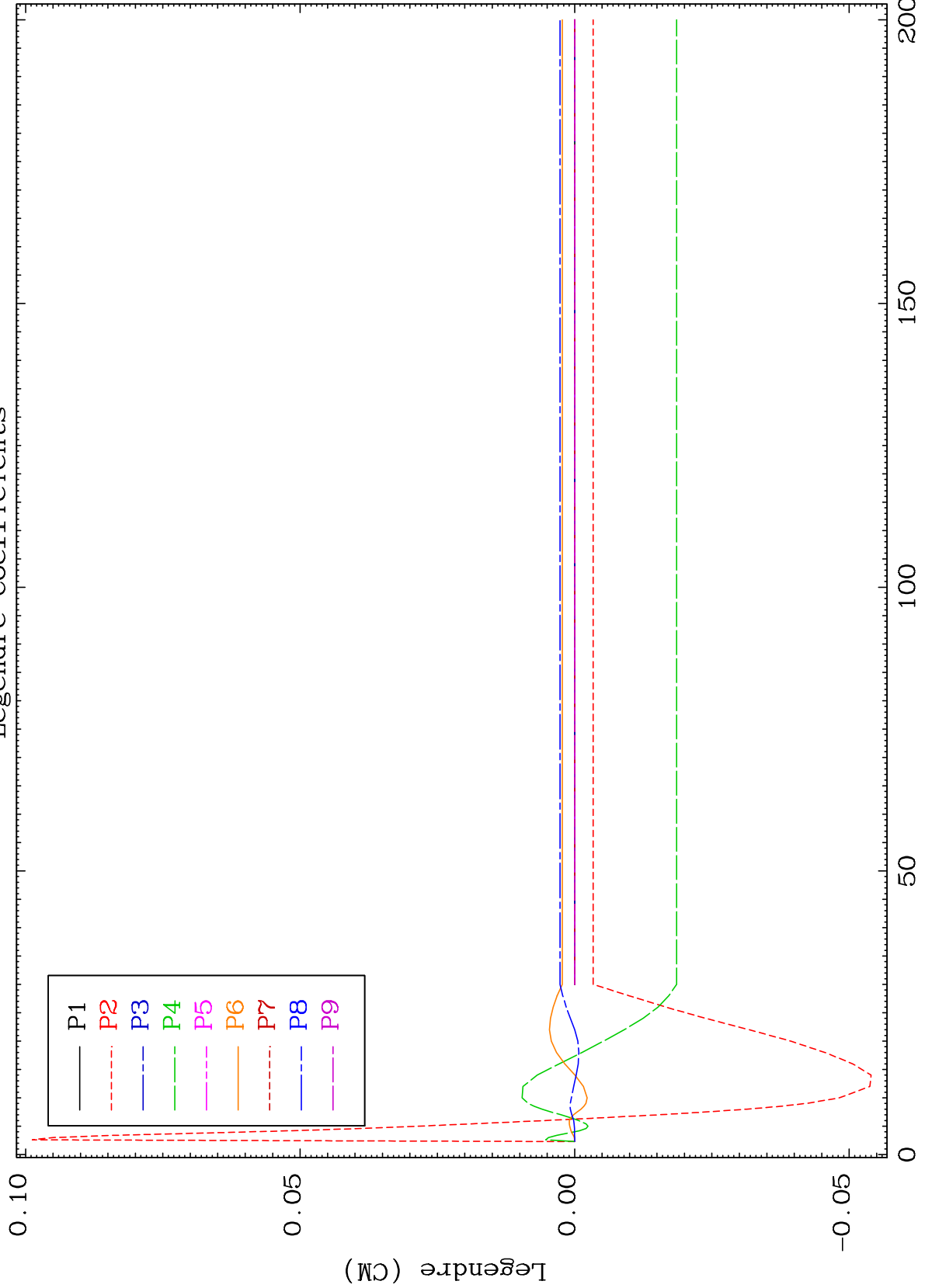


70 Incident Energy (MeV) 150 200 62-Sm-160

MAT 6273 MT= 66 (n,n') Level Legendre Coefficients

62-Sm-160

71



62-Sm-160

Incident Energy (MeV)

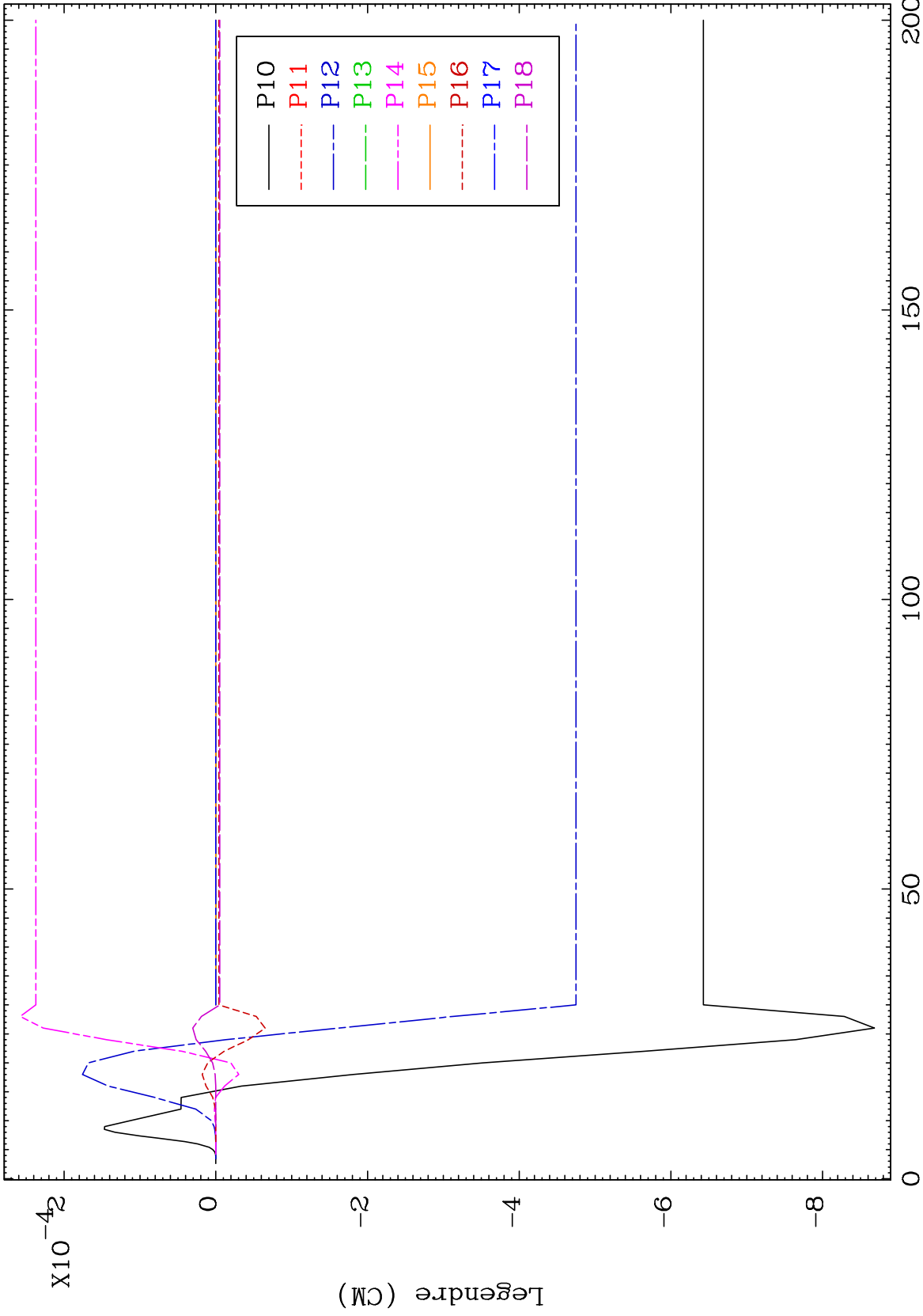
71



MAT 6273

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

62-Sm-160

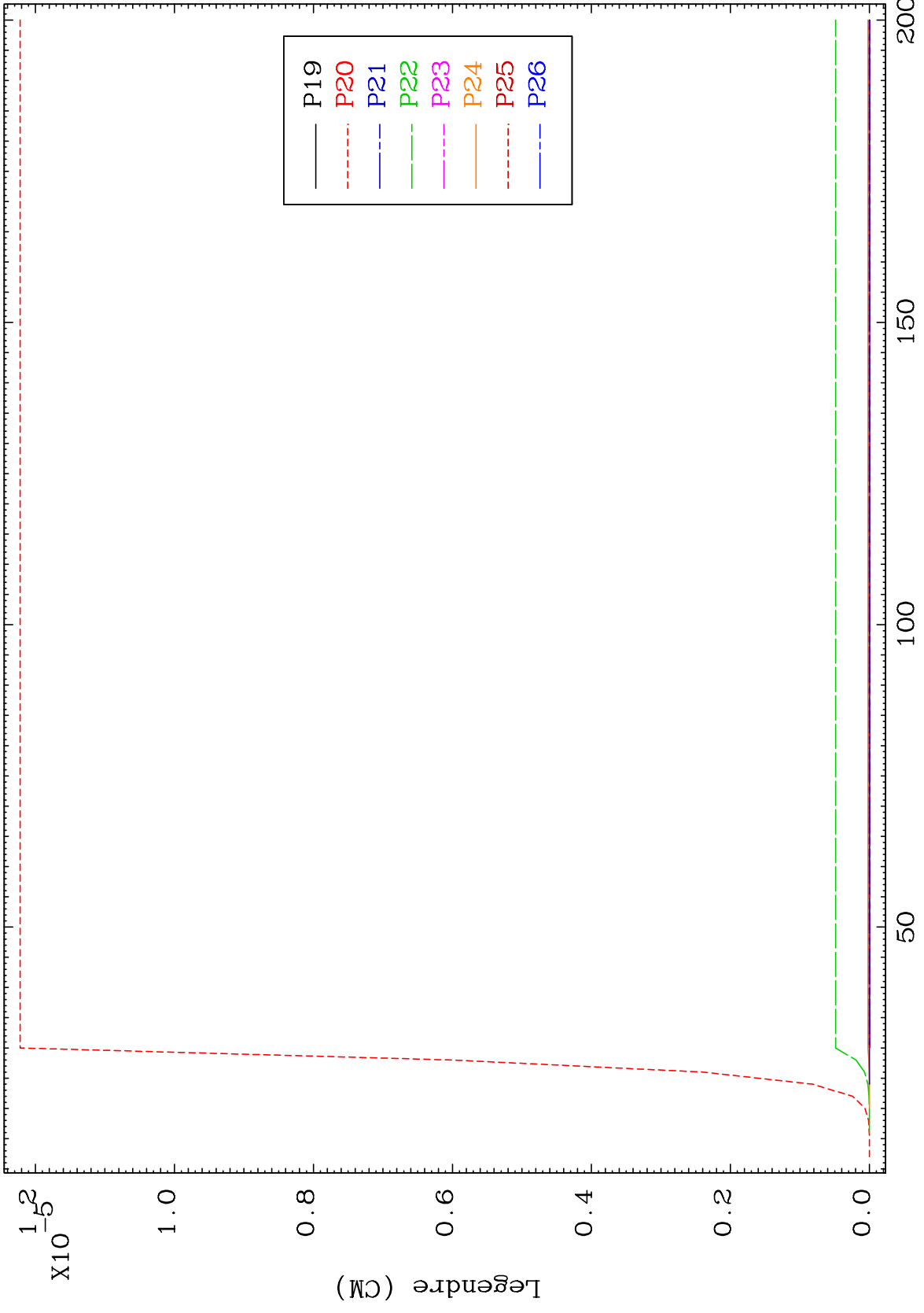


72

Incident Energy (MeV)

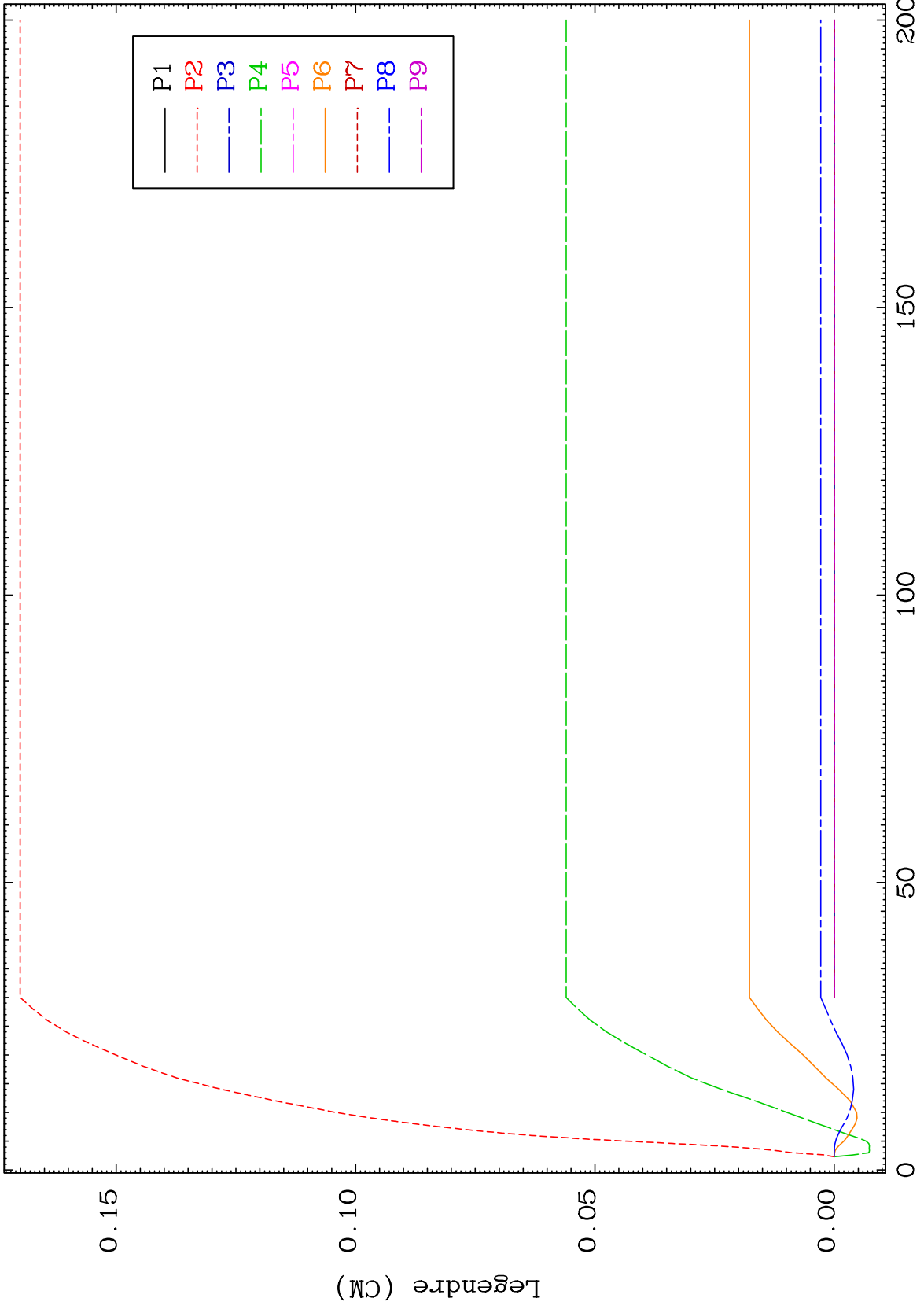
62-Sm-160

MAT 6273 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-160



73 Incident Energy (MeV) 62-Sm-160

MAT 6273 MT= 67 (n,n') Level Legendre Coefficients 62-Sm-160

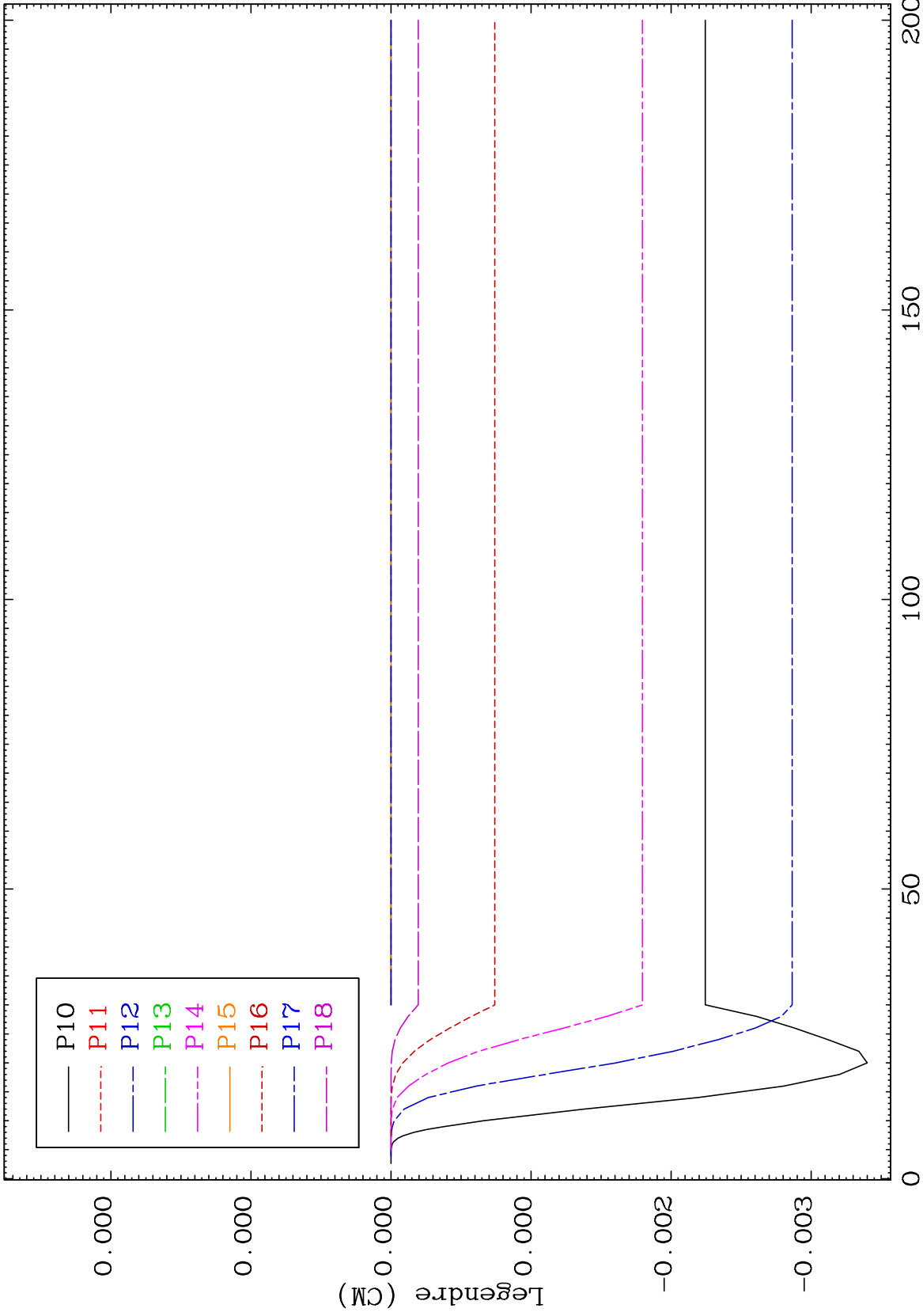


74 Incident Energy (MeV) 62-Sm-160

MAT 6273

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

62-Sm-160

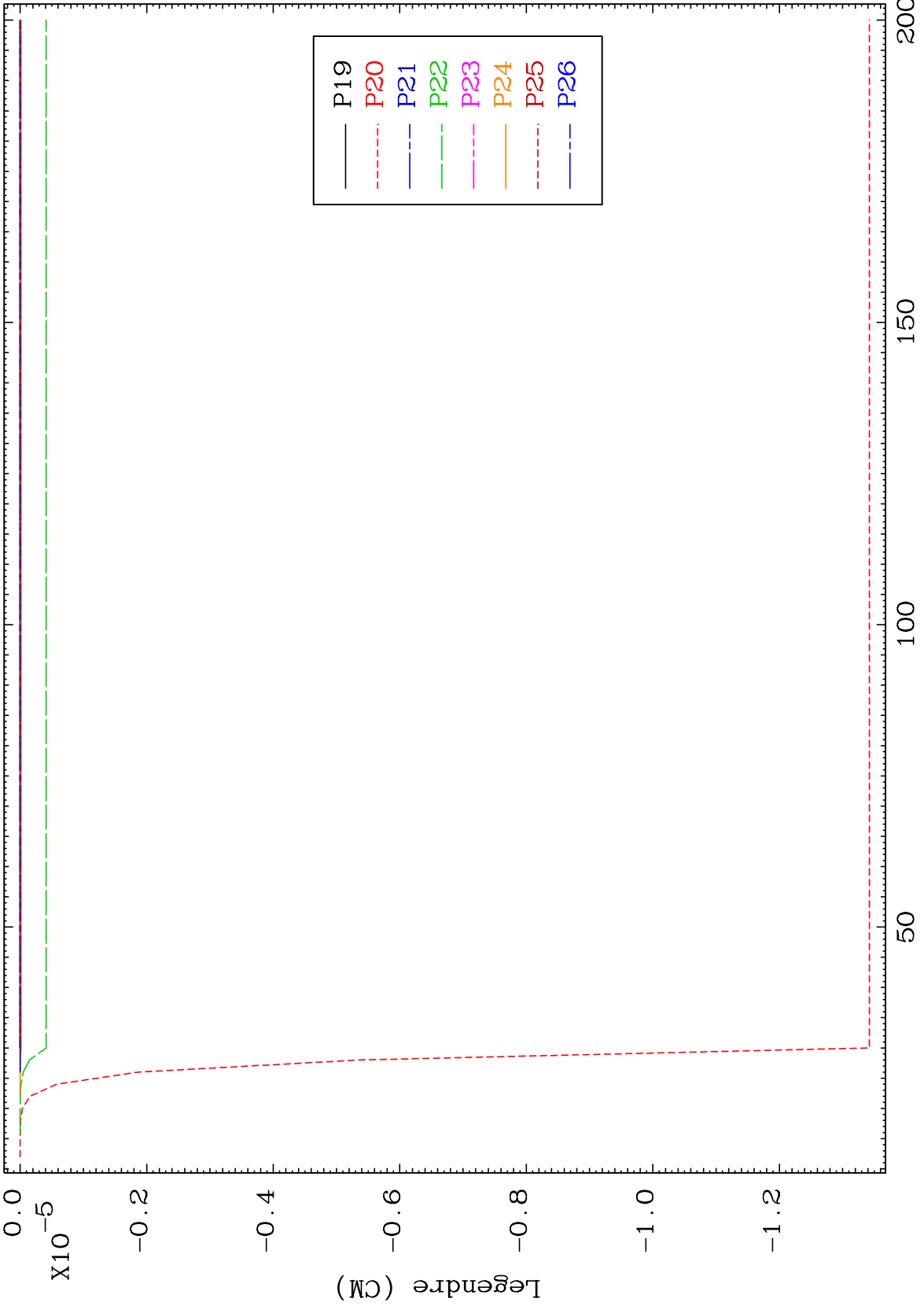


75

Incident Energy (MeV)

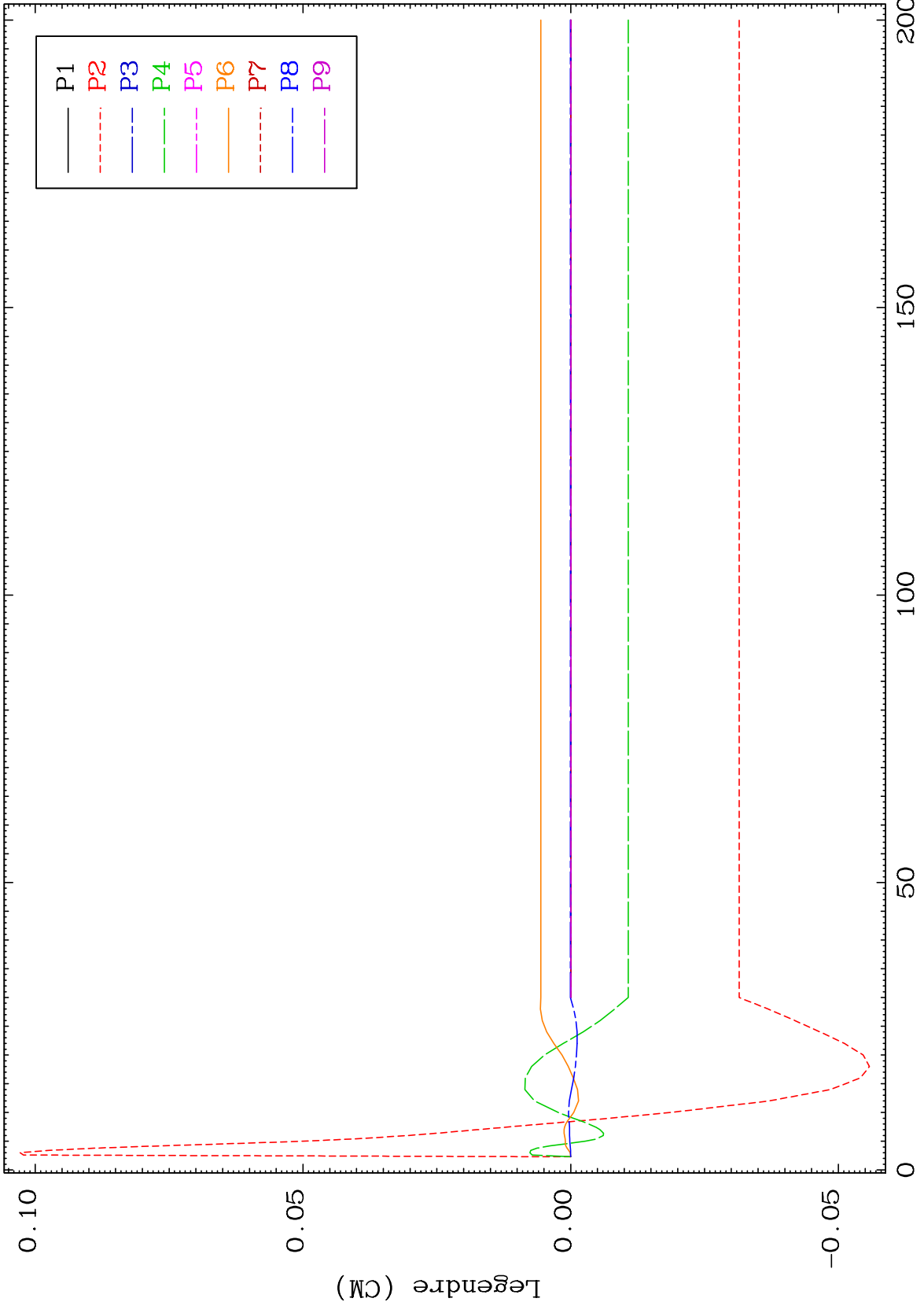
62-Sm-160

MAT 6273 MT= 67 (n,n') Level Legendre Coefficients 62-Sm-160



76 62-Sm-160

MAT 6273 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-160

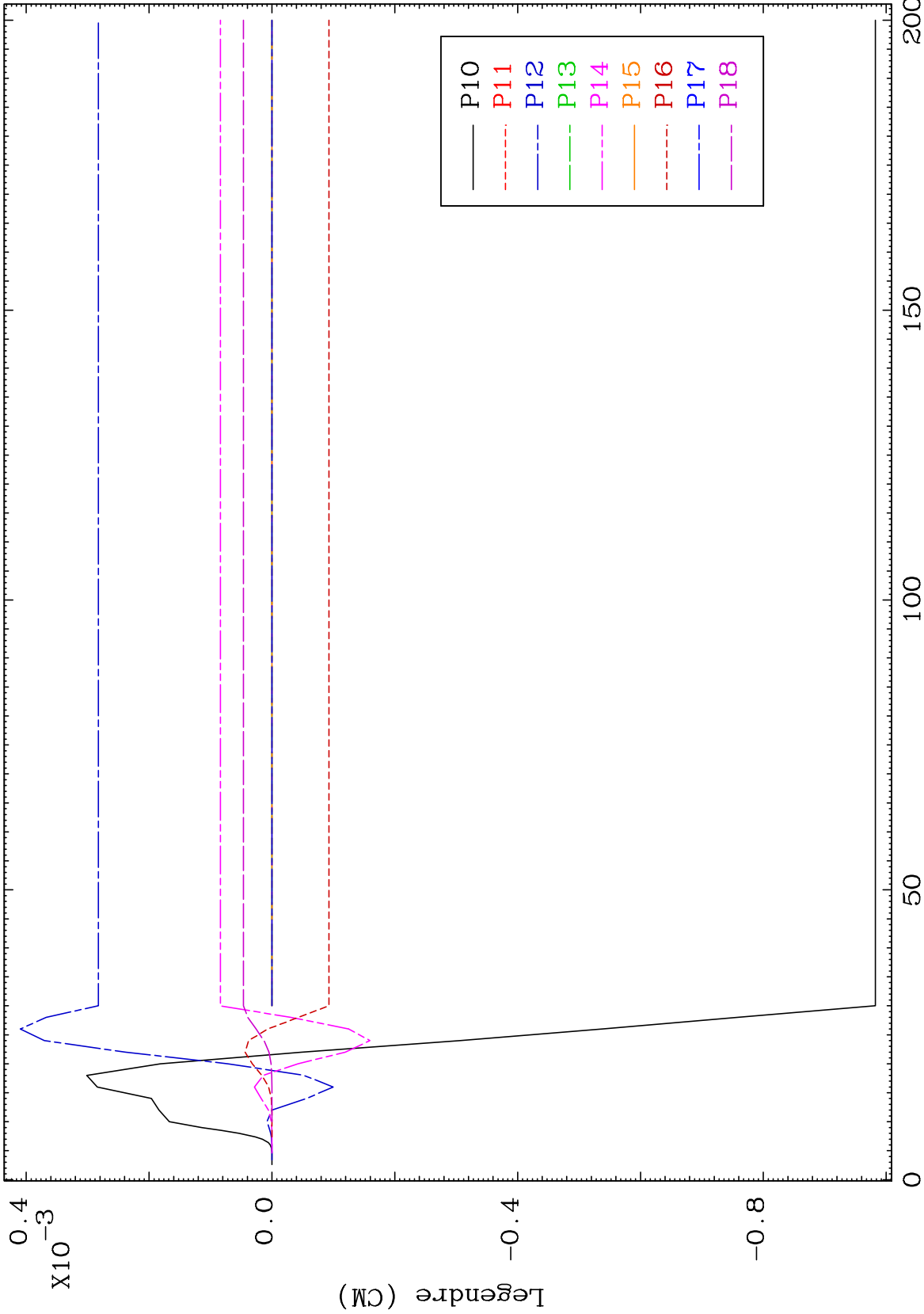


77 62-Sm-160

MAT 6273

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

62-Sm-160

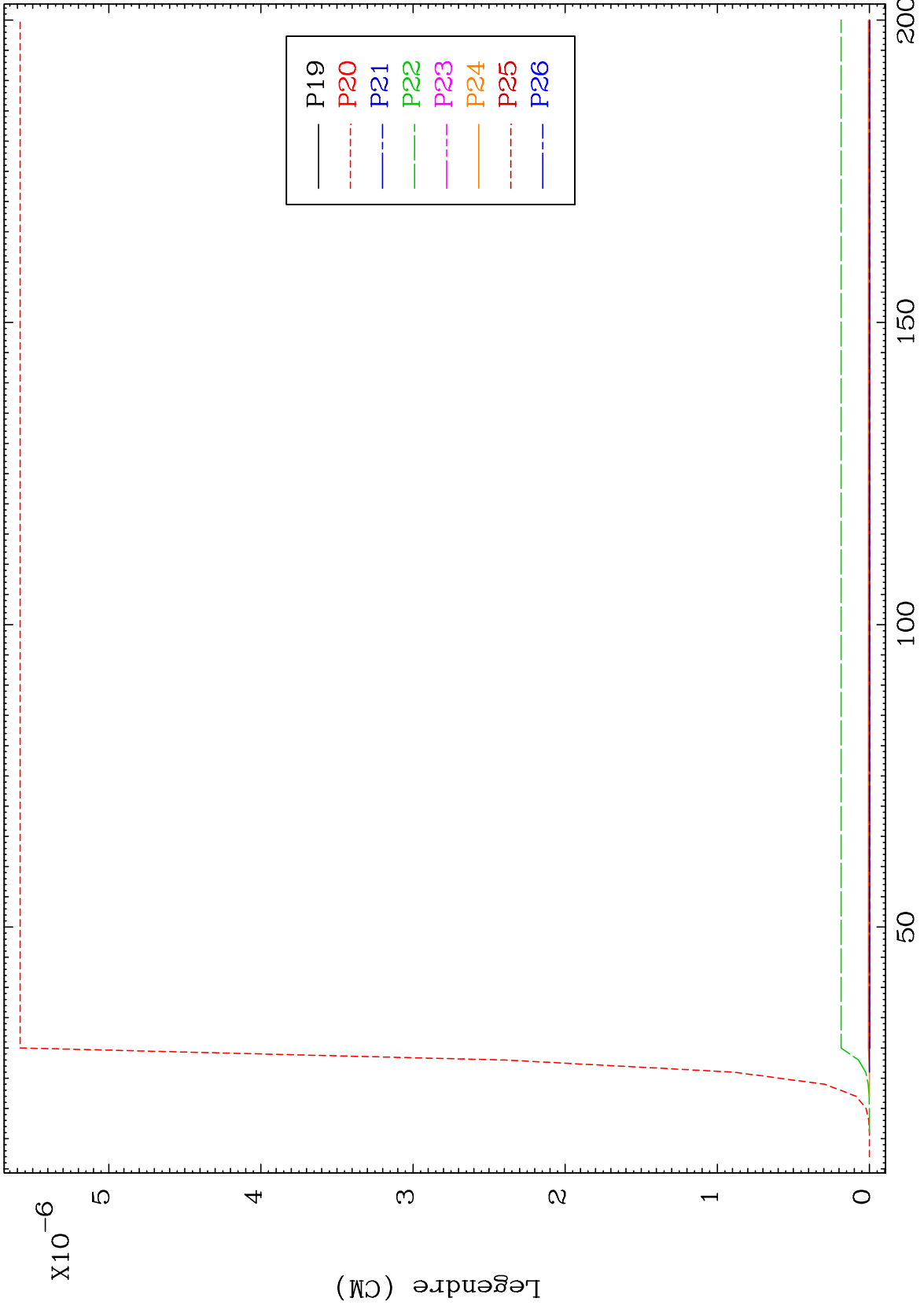


78

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 68 (n,n') Level Legendre Coefficients 62-Sm-160



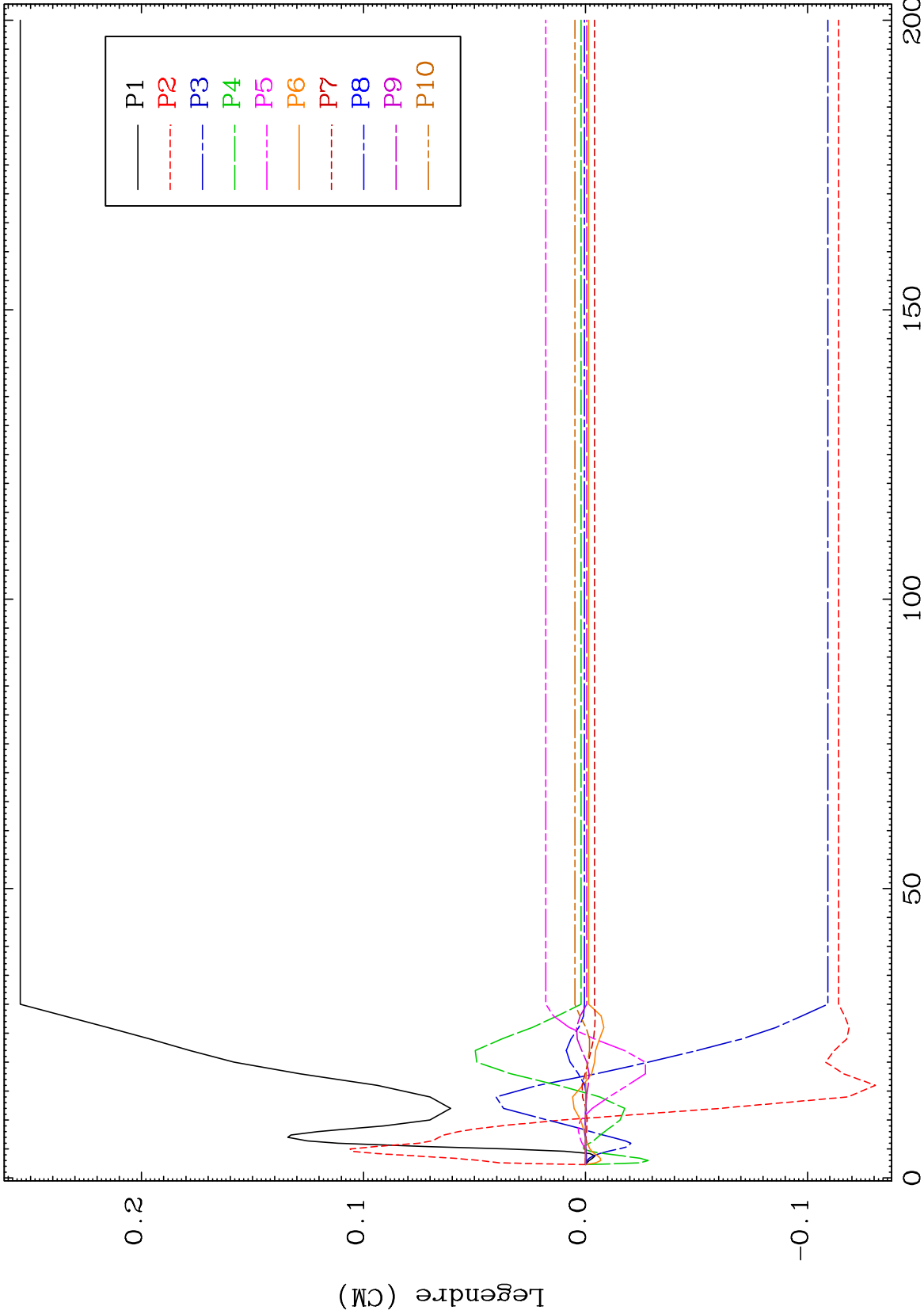
79 Incident Energy (MeV) 62-Sm-160



MAT 6273

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

62-Sm-160



80

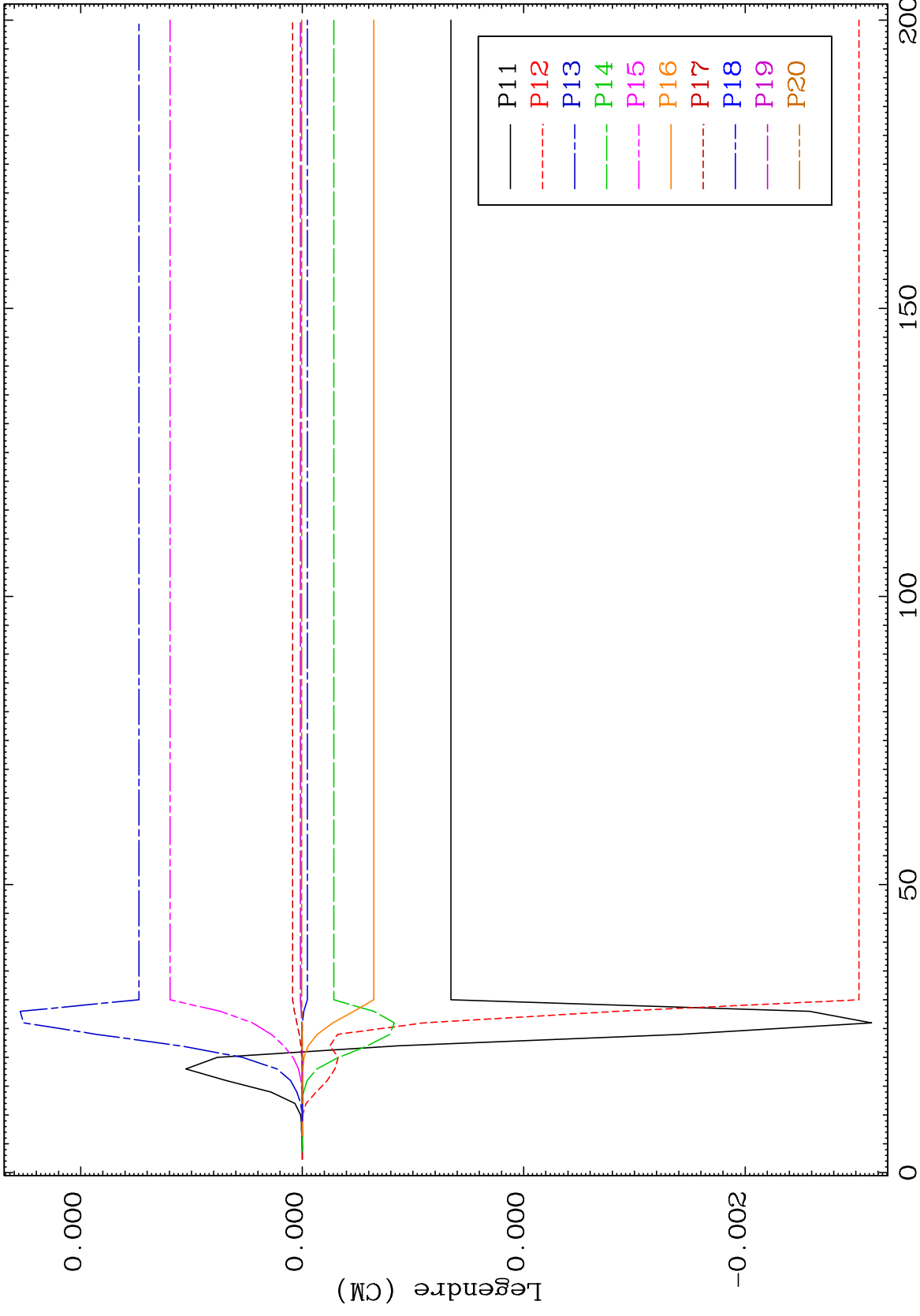
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



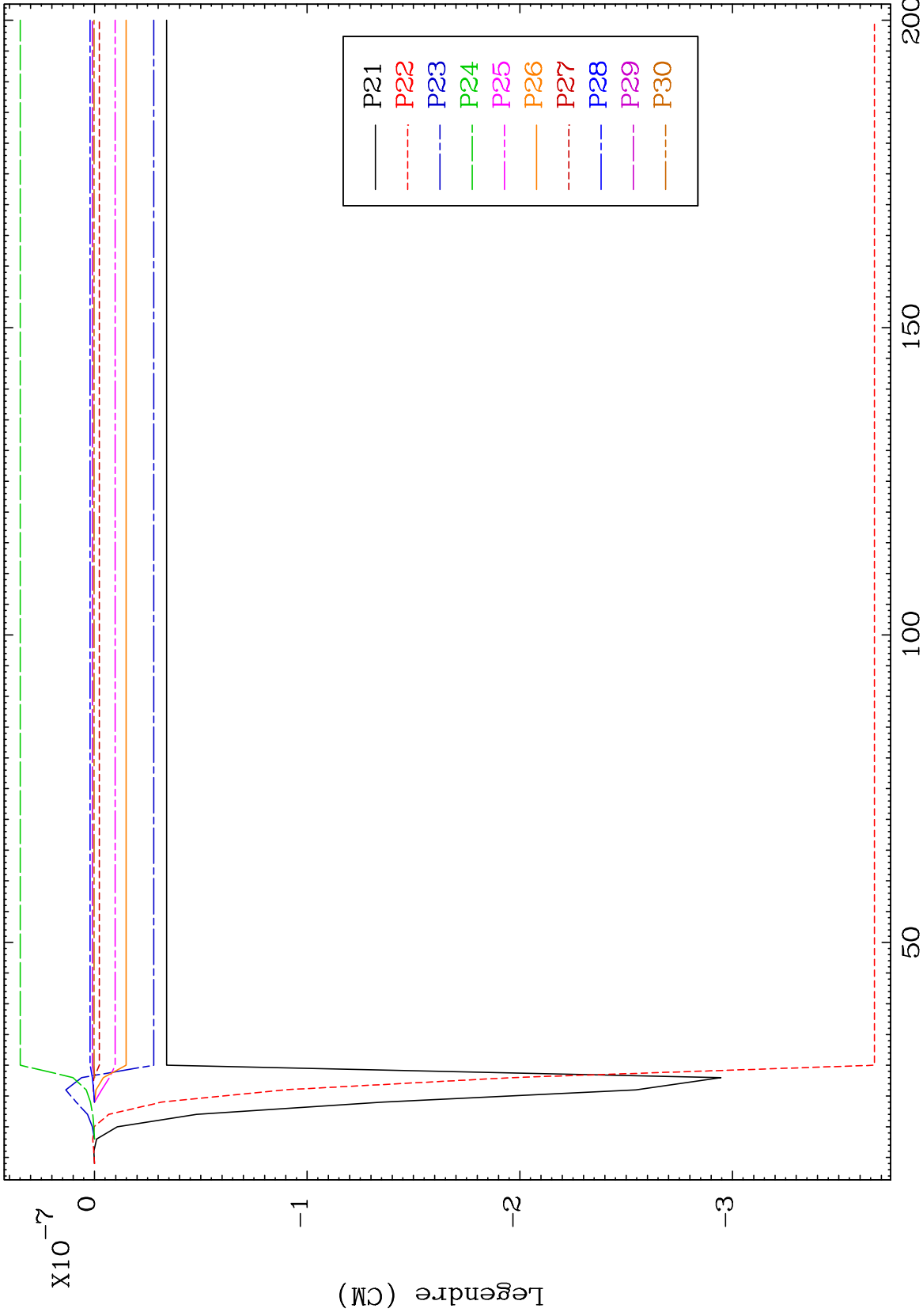
81

62-Sm-160

MAT 6273

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

62-Sm-160



82

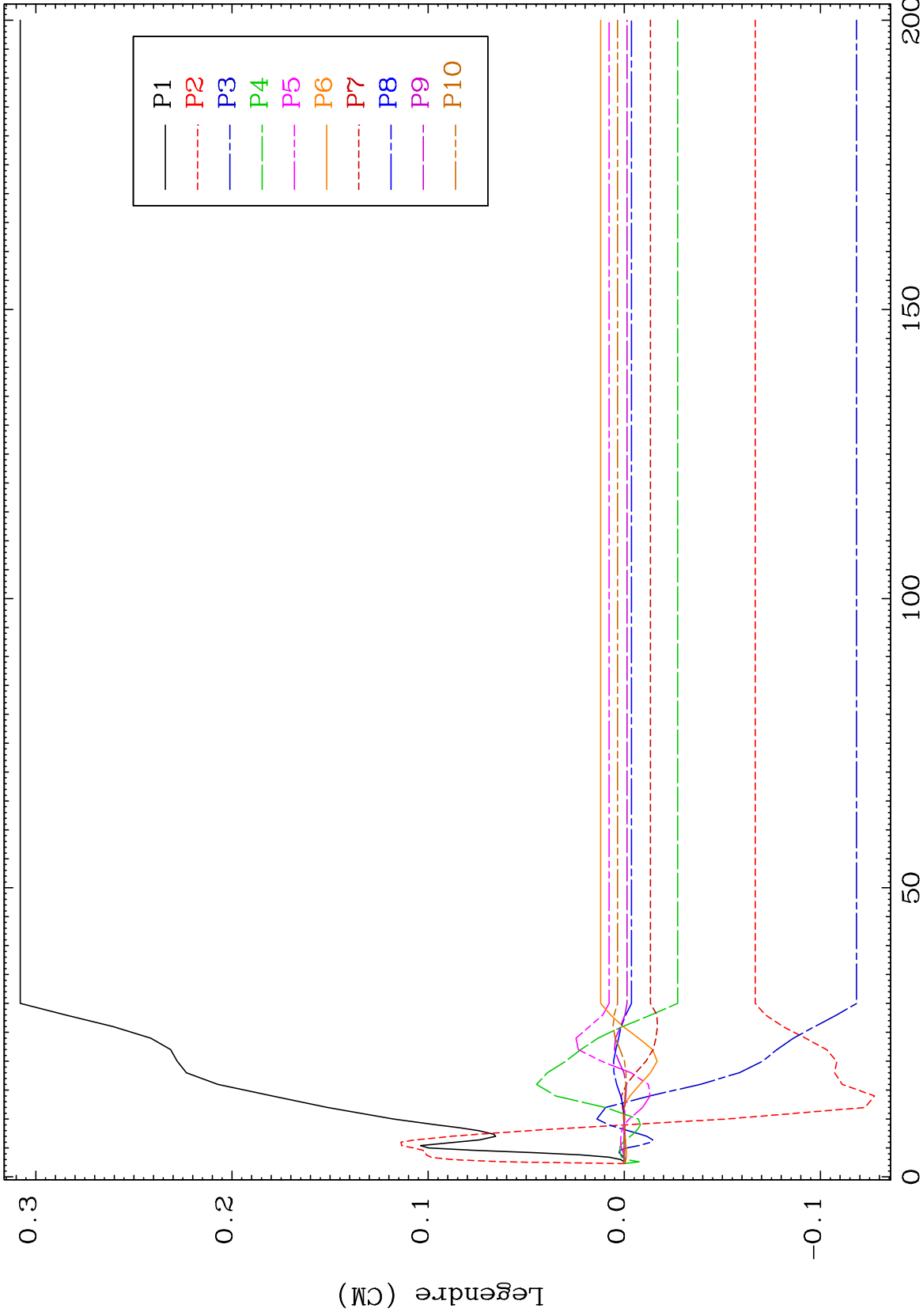
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



83

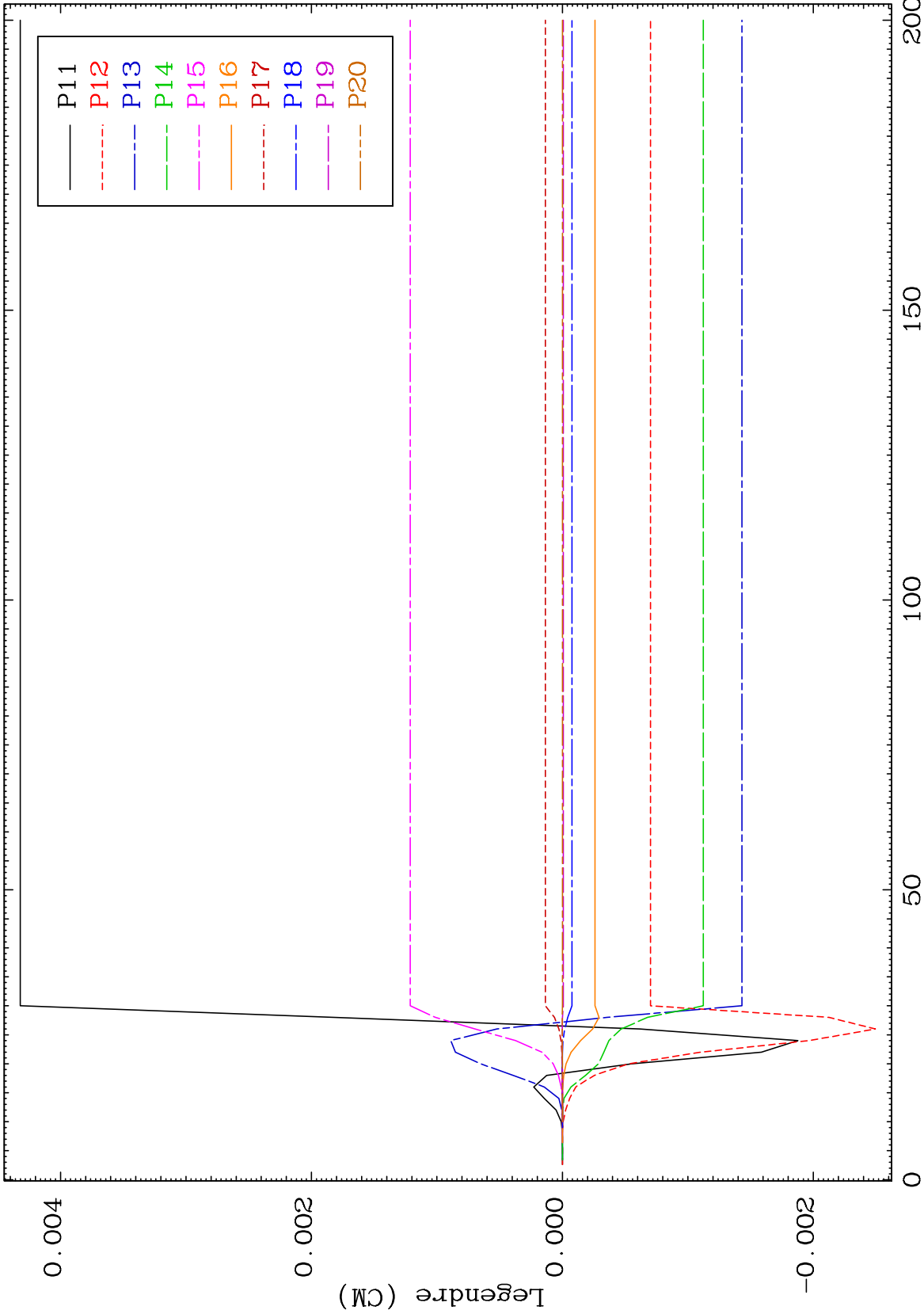
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



84

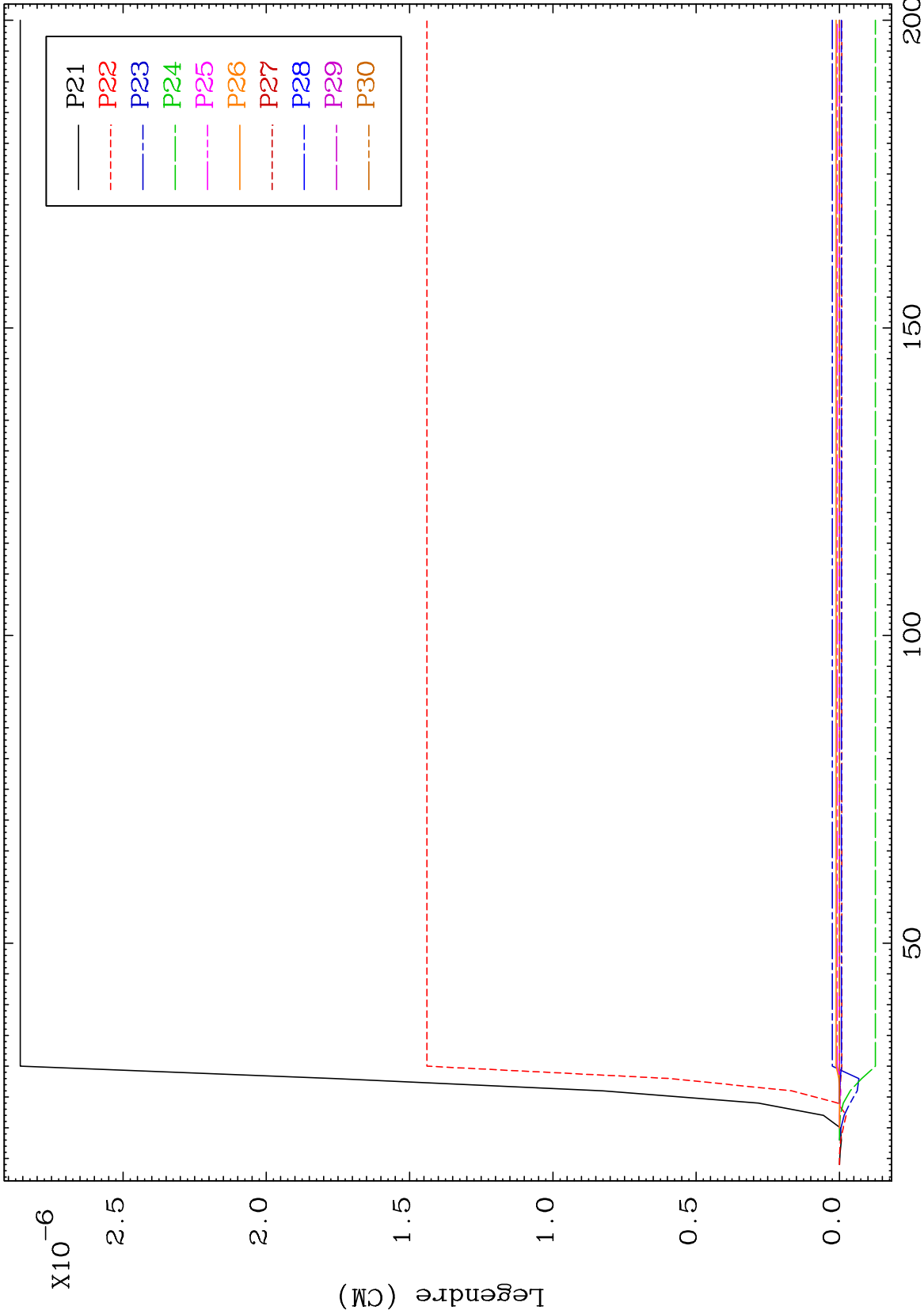
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



85

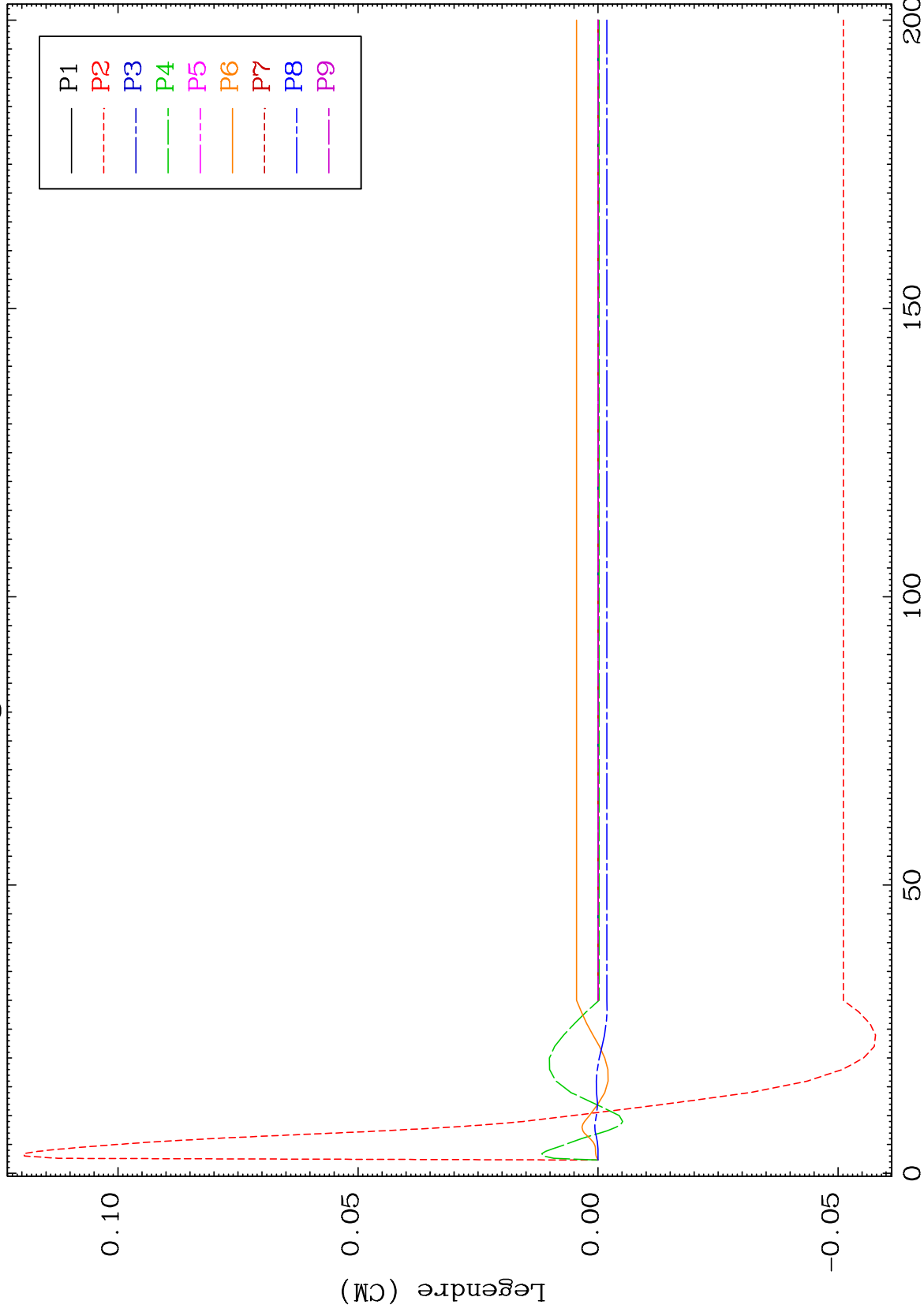
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



86

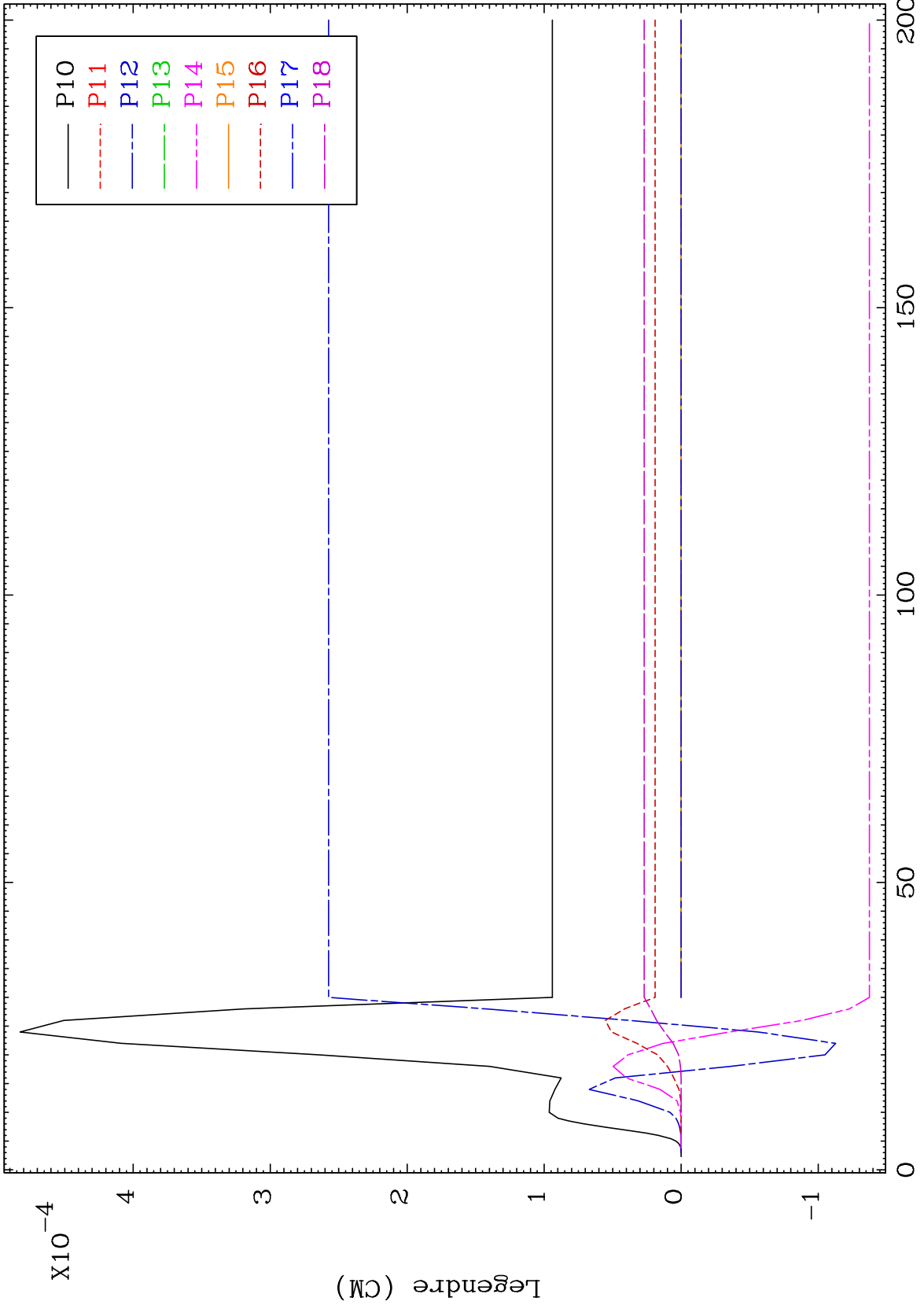
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

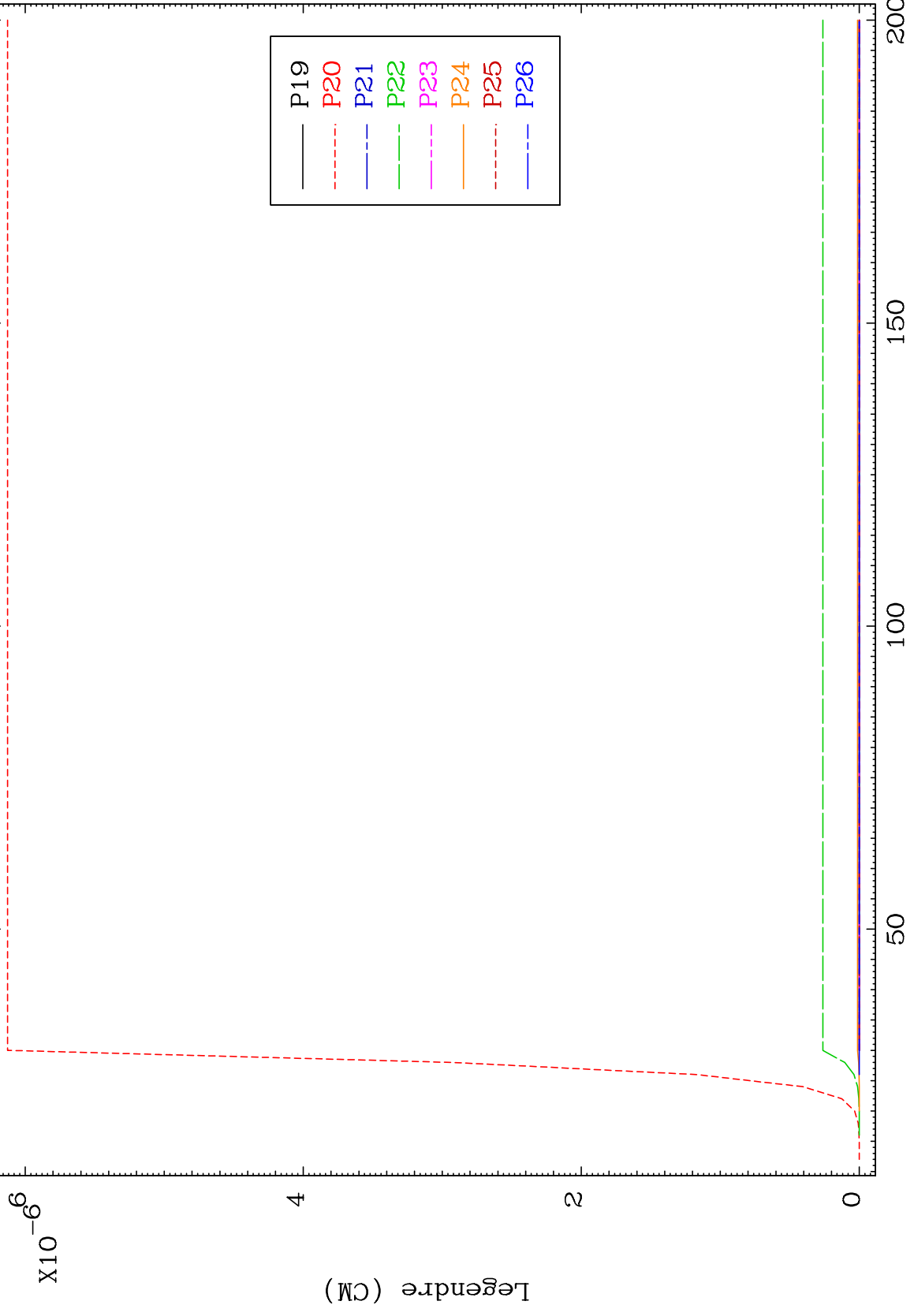


87

62-Sm-160



MAT 6273 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-160

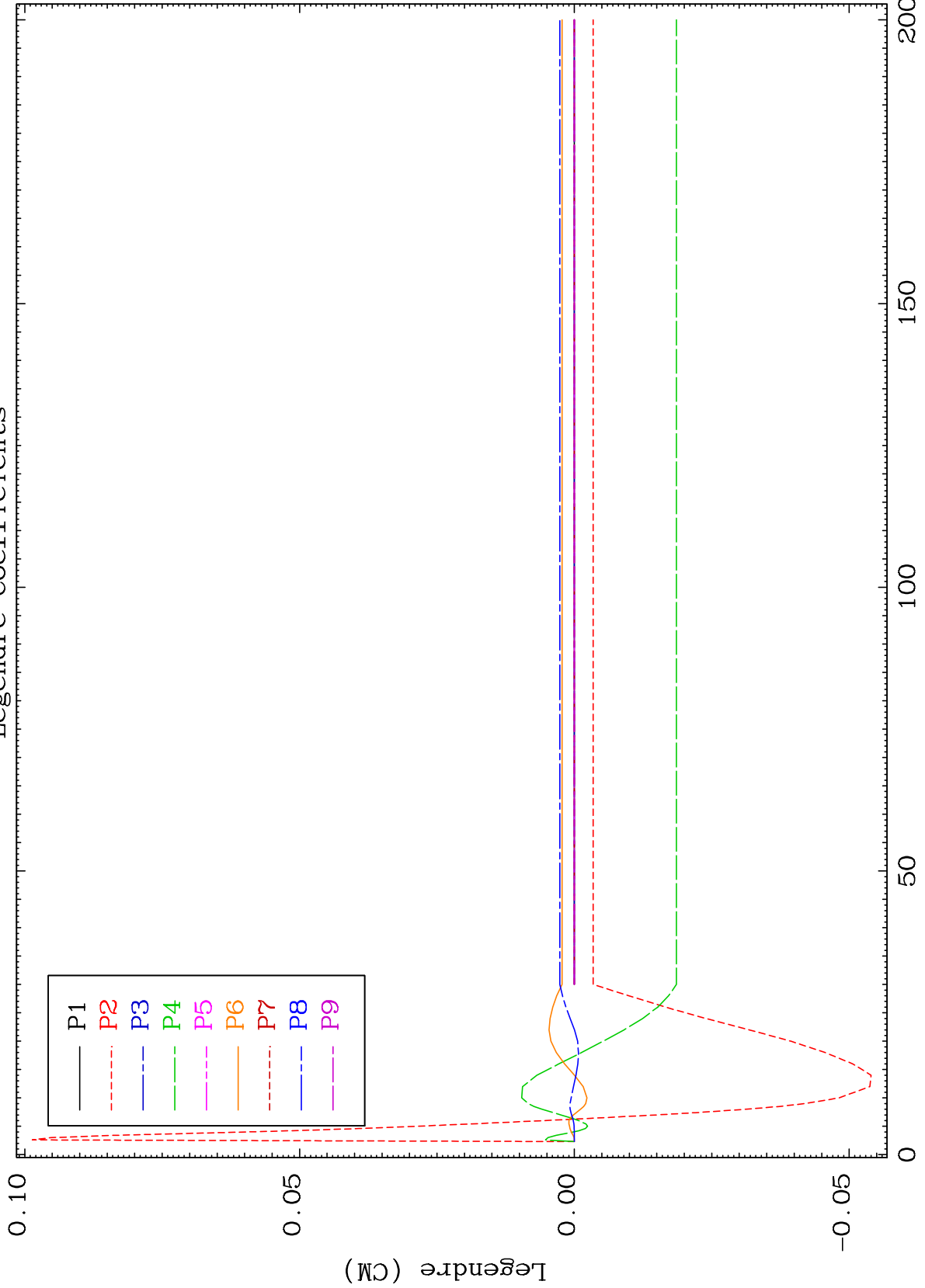


88 62-Sm-160

MAT 6273 MT= 72 (n,n') Level Legendre Coefficients

62-Sm-160

89



62-Sm-160

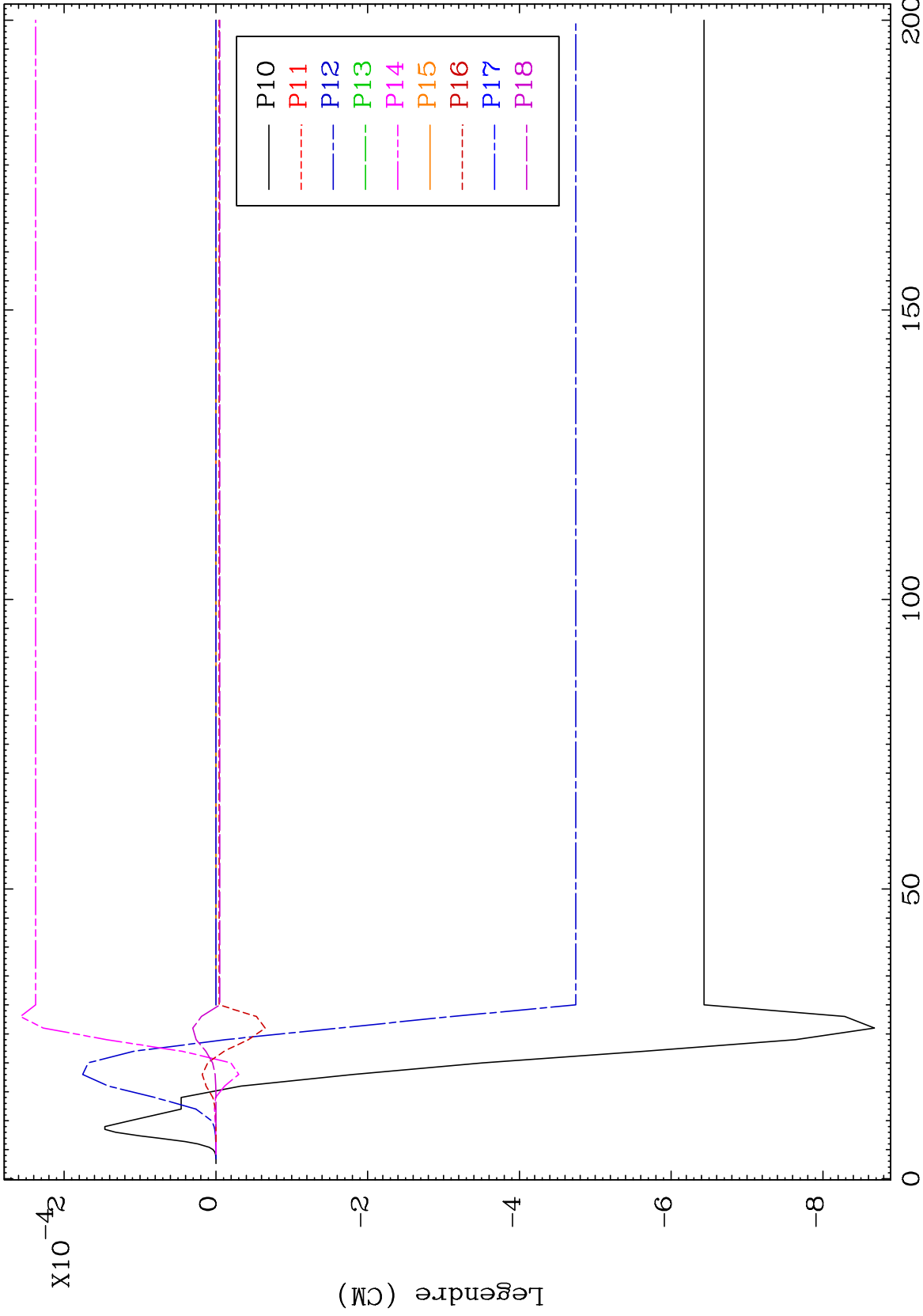
Incident Energy (MeV)

89

MAT 6273

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

62-Sm-160

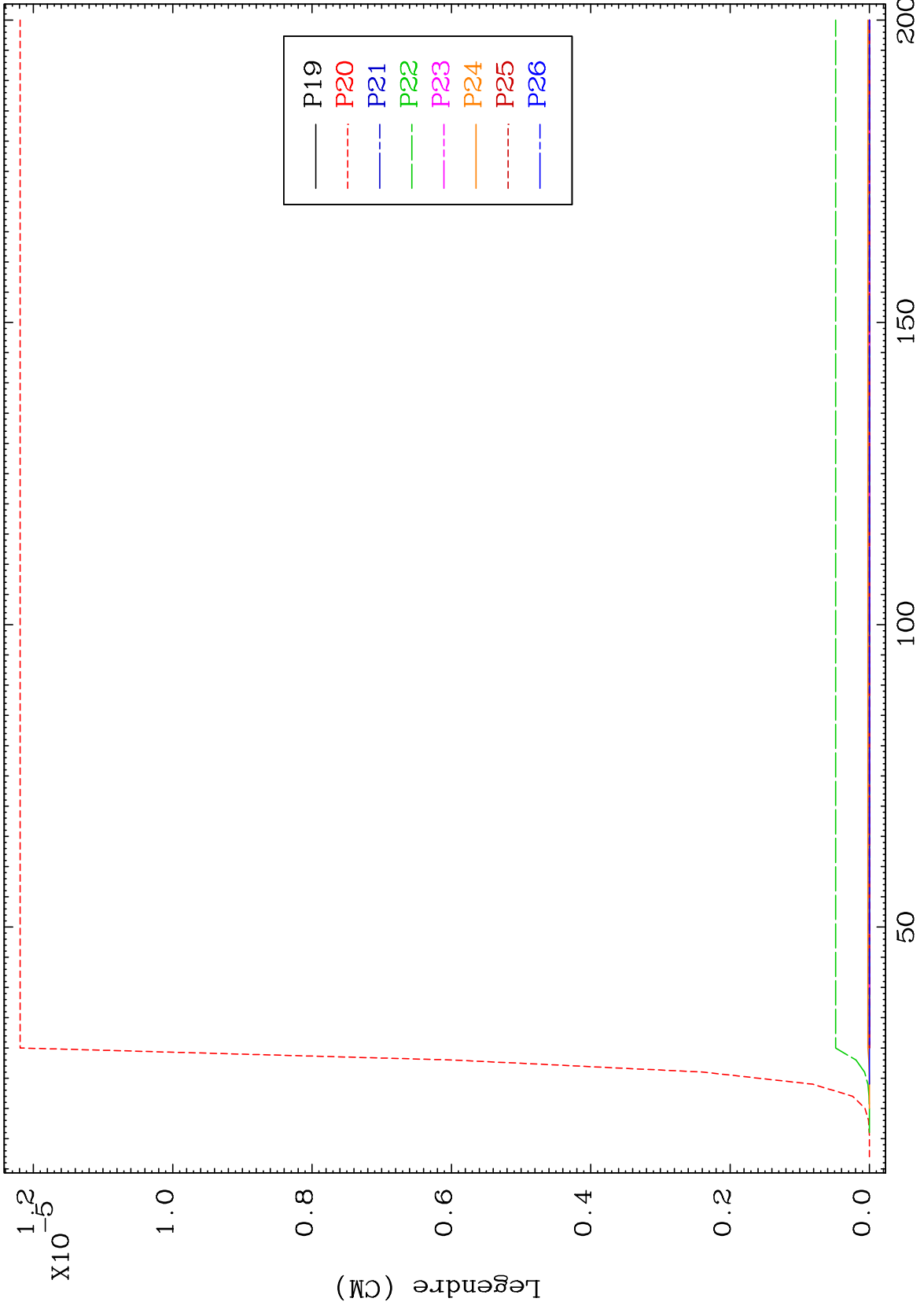


90

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-160

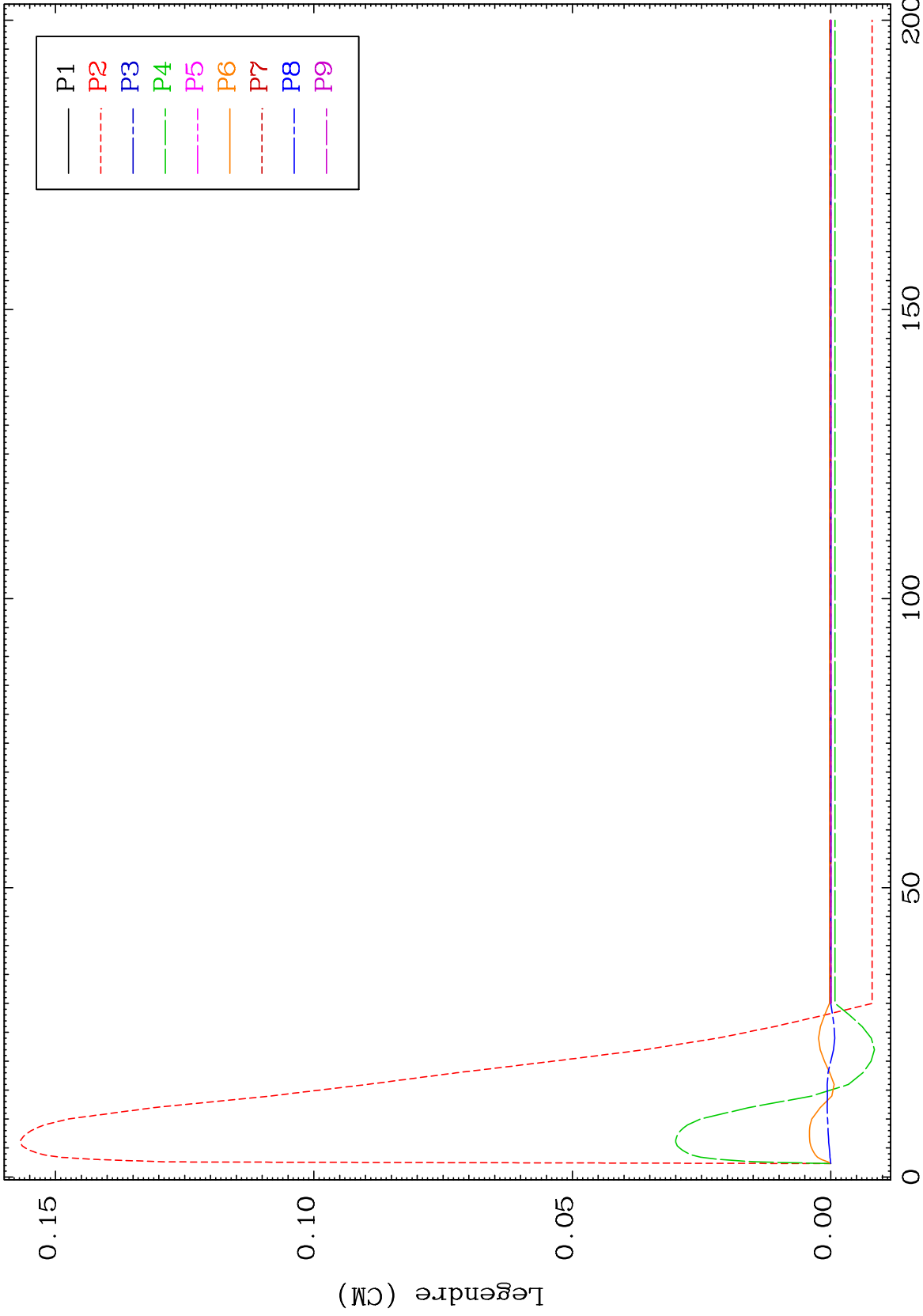


91 62-Sm-160

MAT 6273

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

62-Sm-160



92

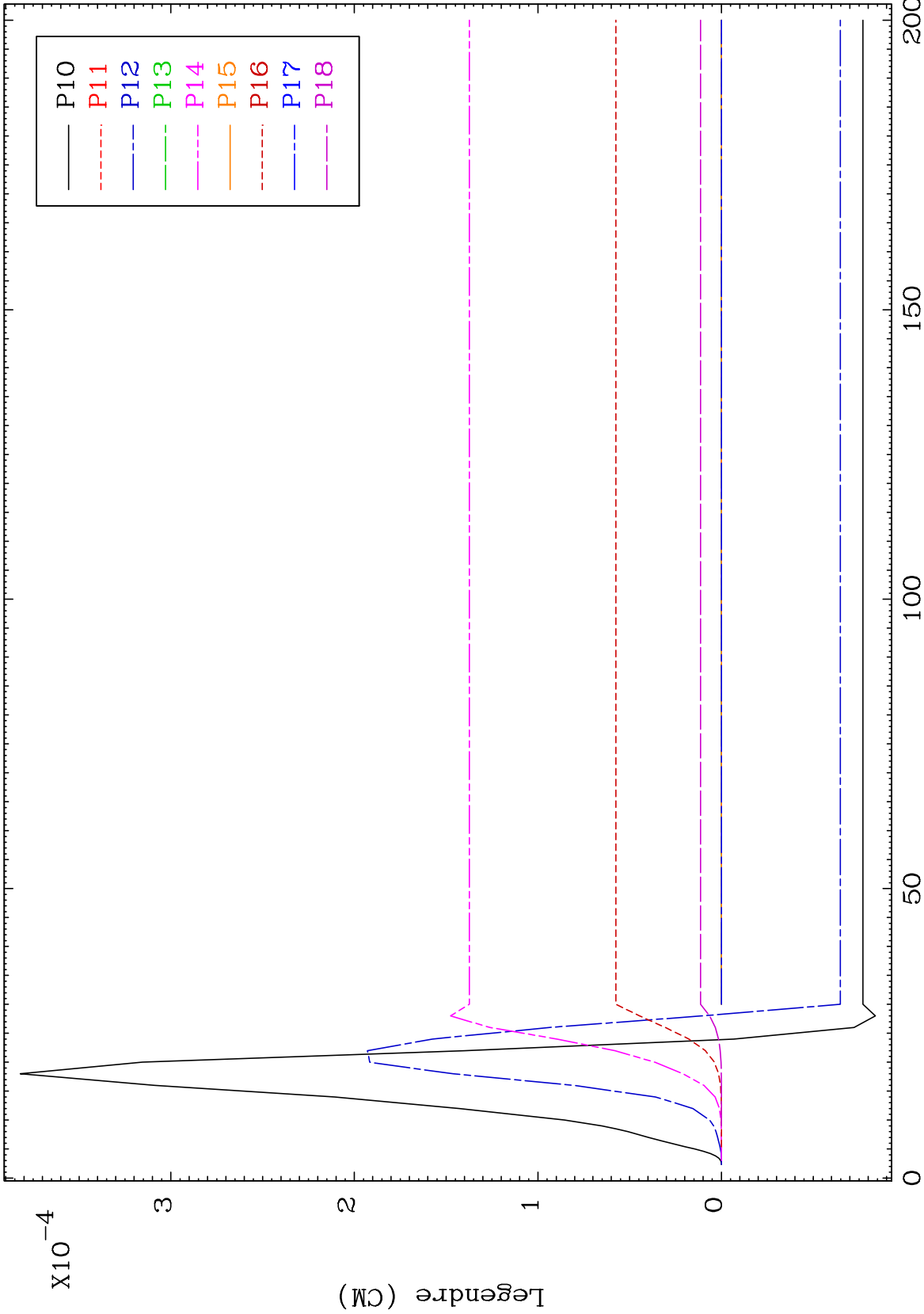
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



93

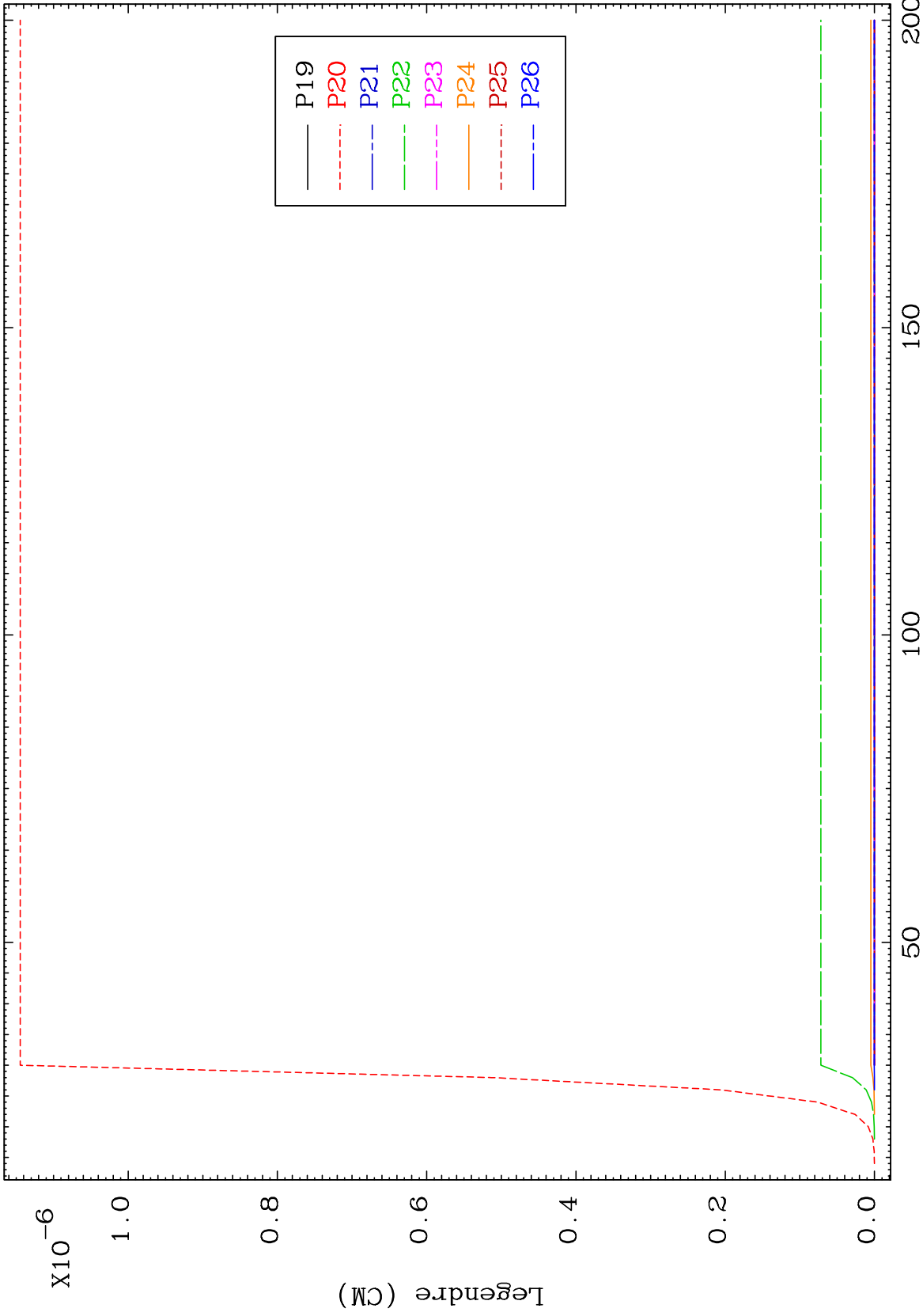
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

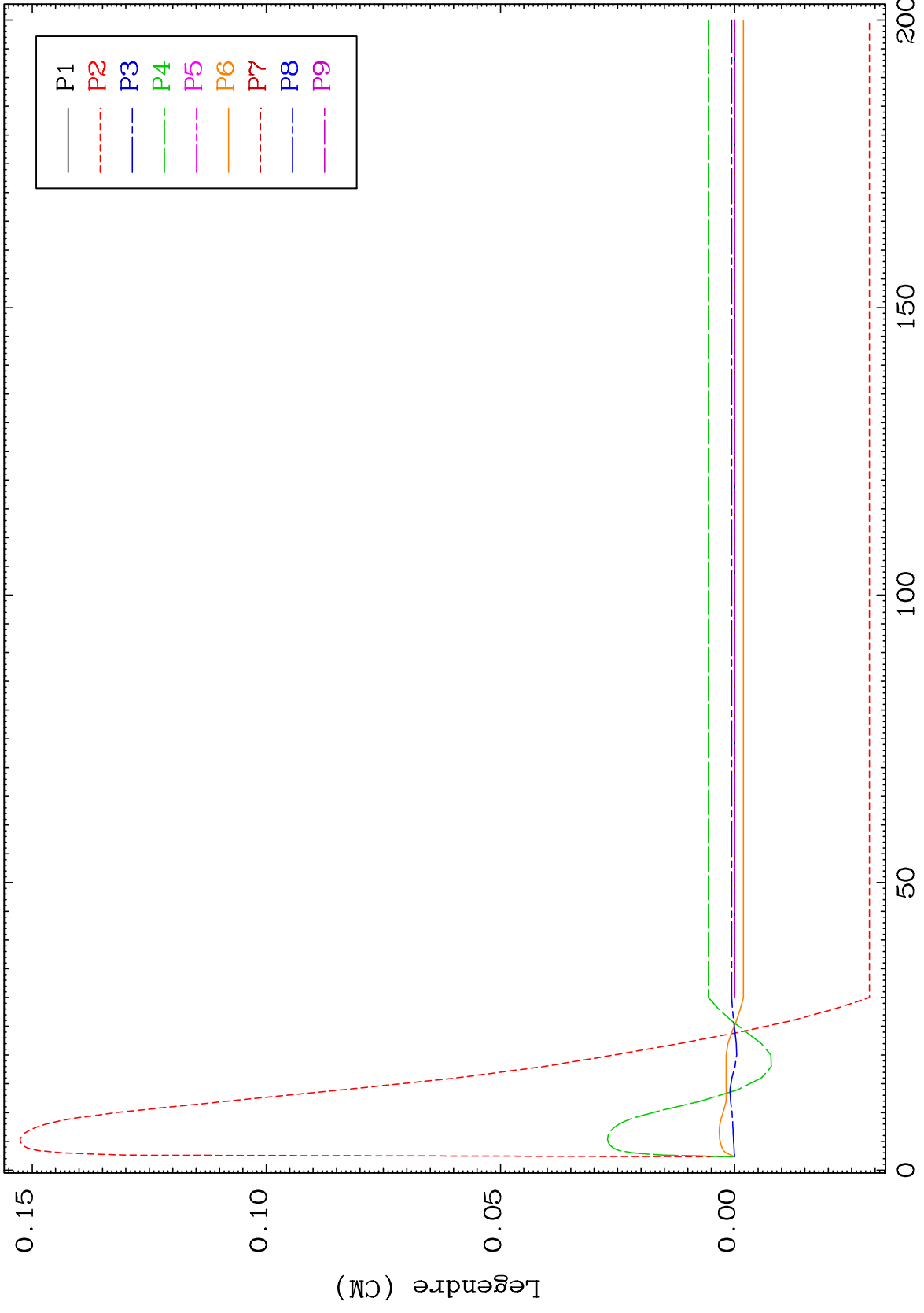


94

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 74 (n,n') Level Legendre Coefficients 62-Sm-160



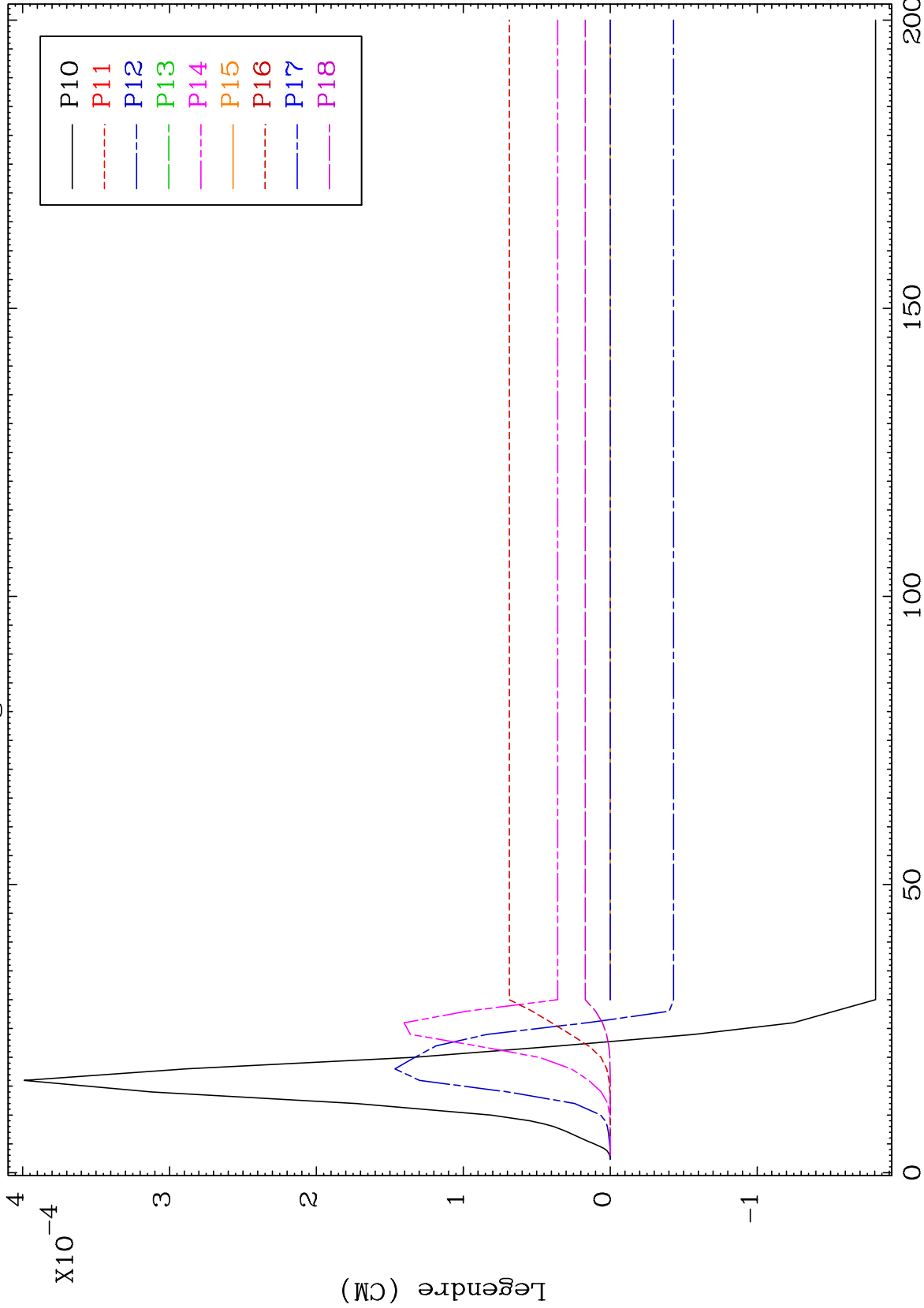
95 Incident Energy (MeV) 62-Sm-160



MAT 6273

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

62-Sm-160

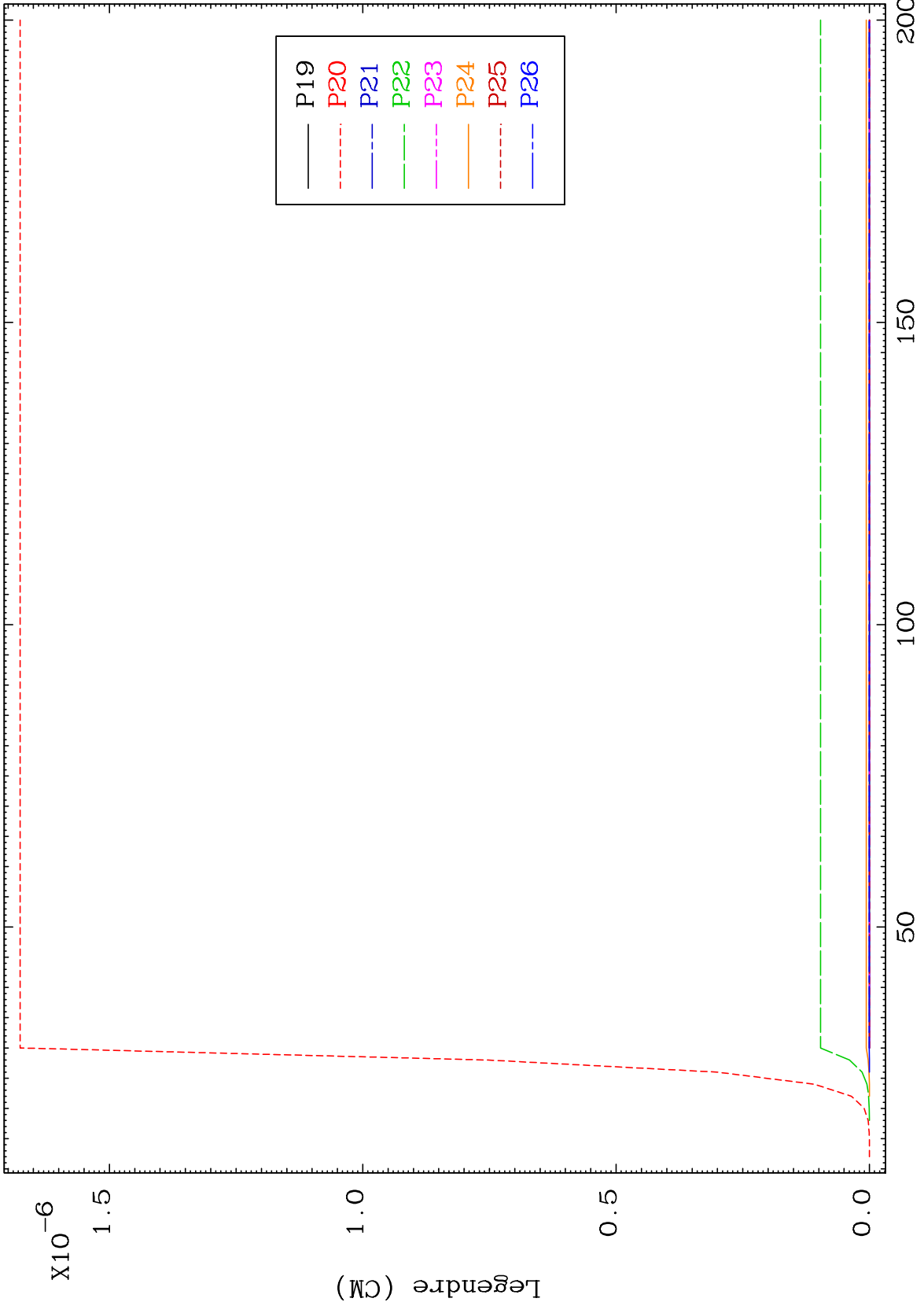


96

Incident Energy (MeV)

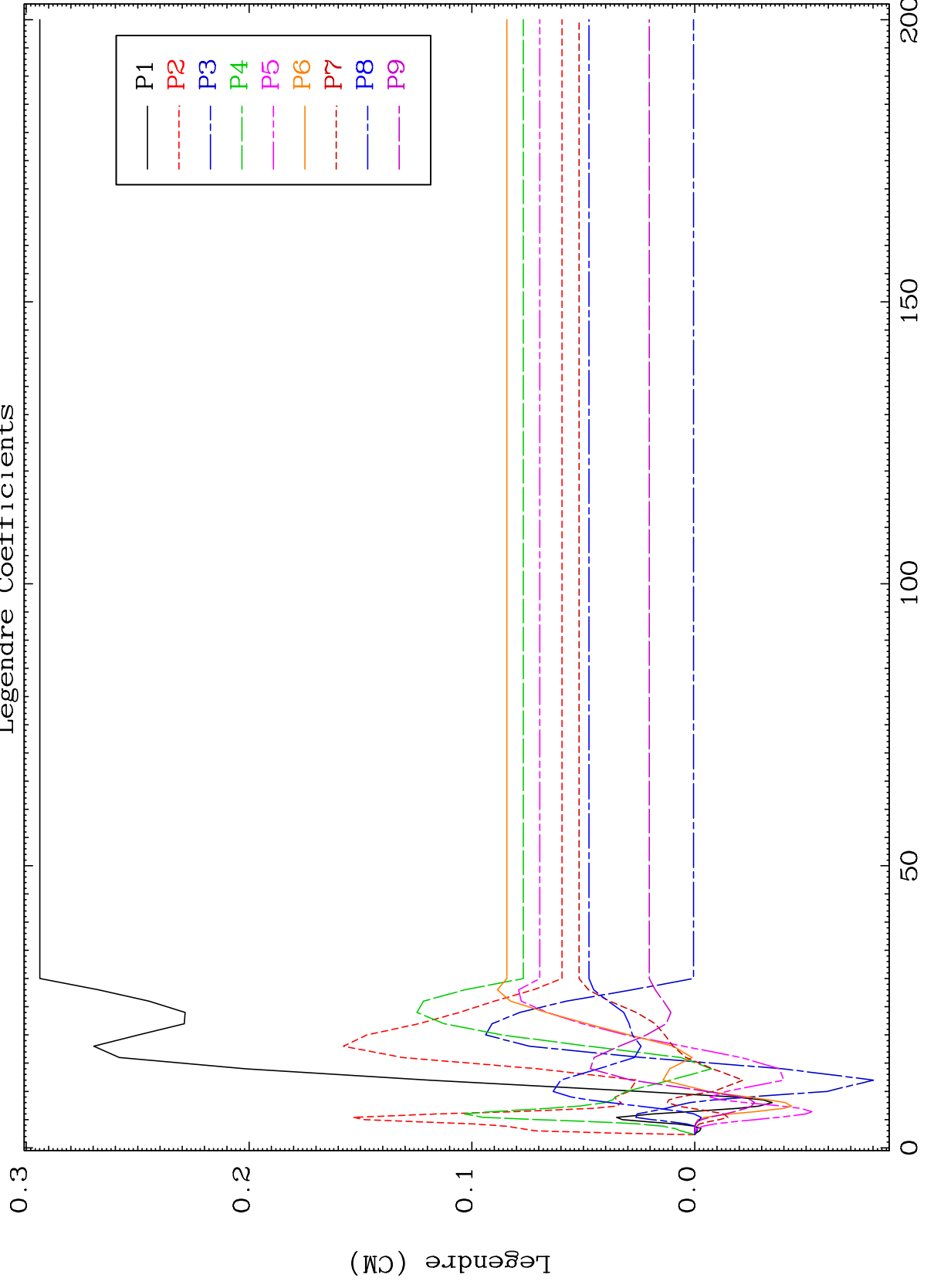
62-Sm-160

MAT 6273 MT= 74 (n,n') Level Legendre Coefficients 62-Sm-160



97 62-Sm-160

MAT 6273 MT= 75 (n,n') Level Legendre Coefficients 62-Sm-160

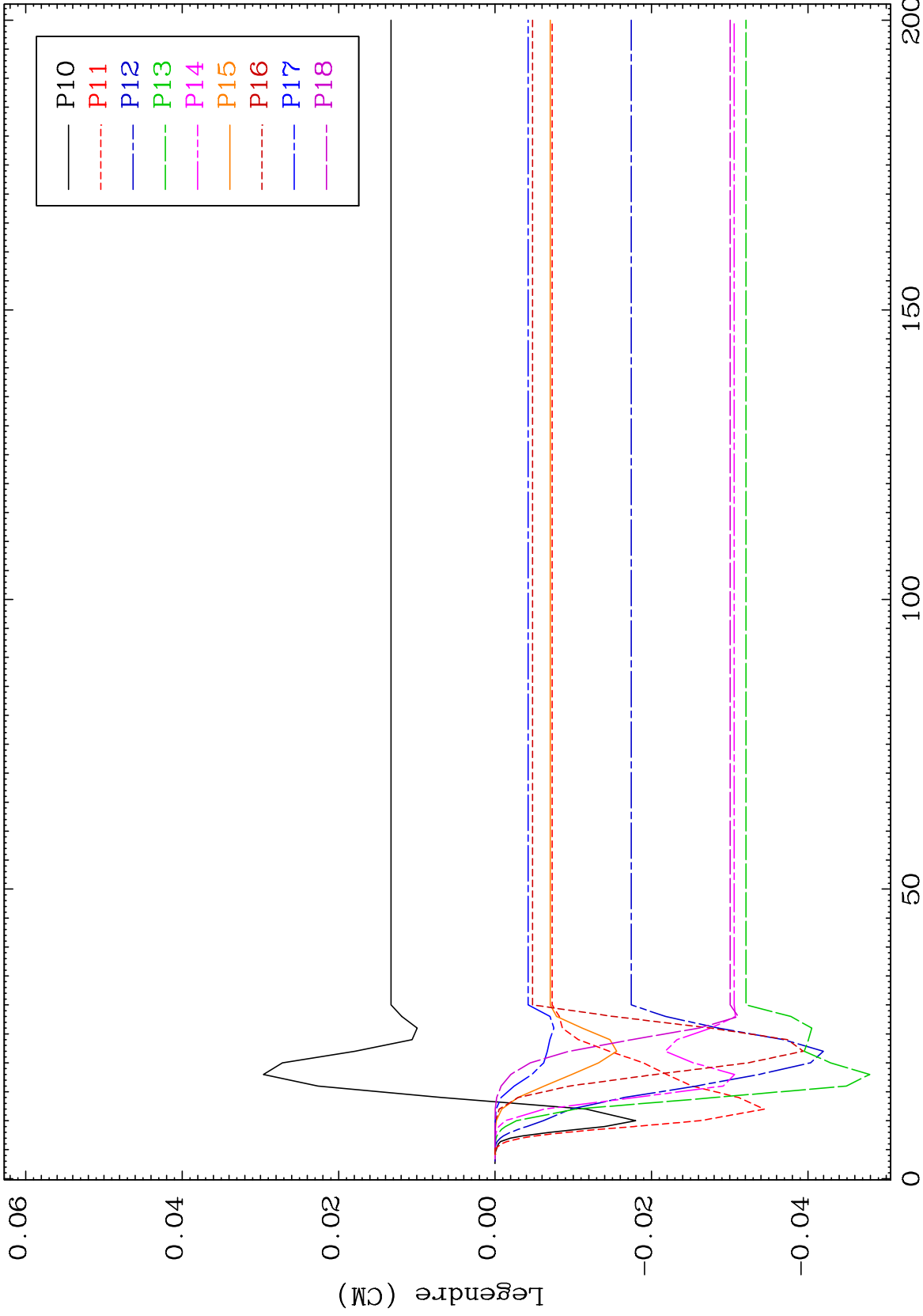


98 Incident Energy (MeV) 62-Sm-160

MAT 6273

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

62-Sm-160



99

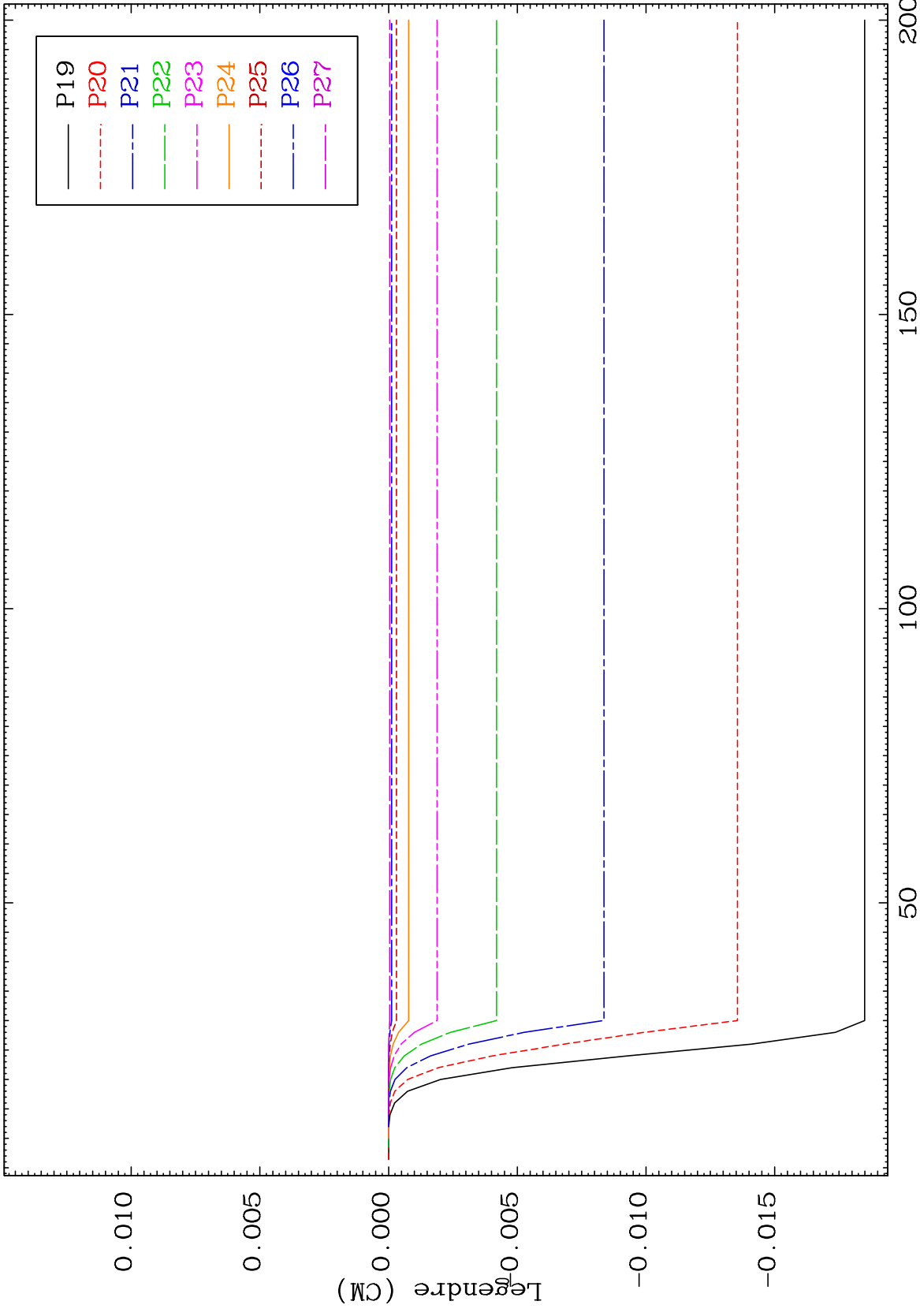
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160



100

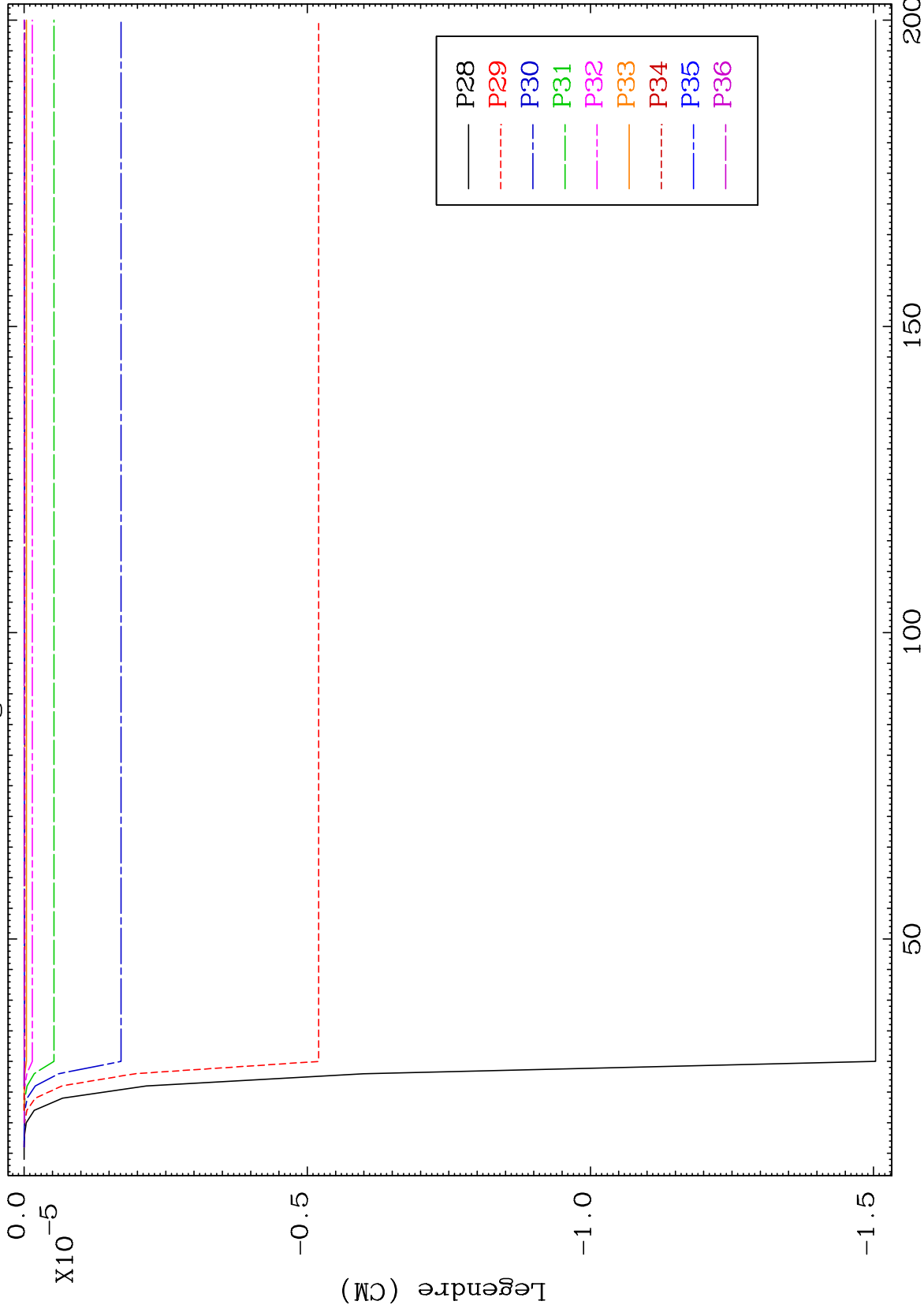
Incident Energy (MeV)

62-Sm-160

MAT 6273

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

62-Sm-160

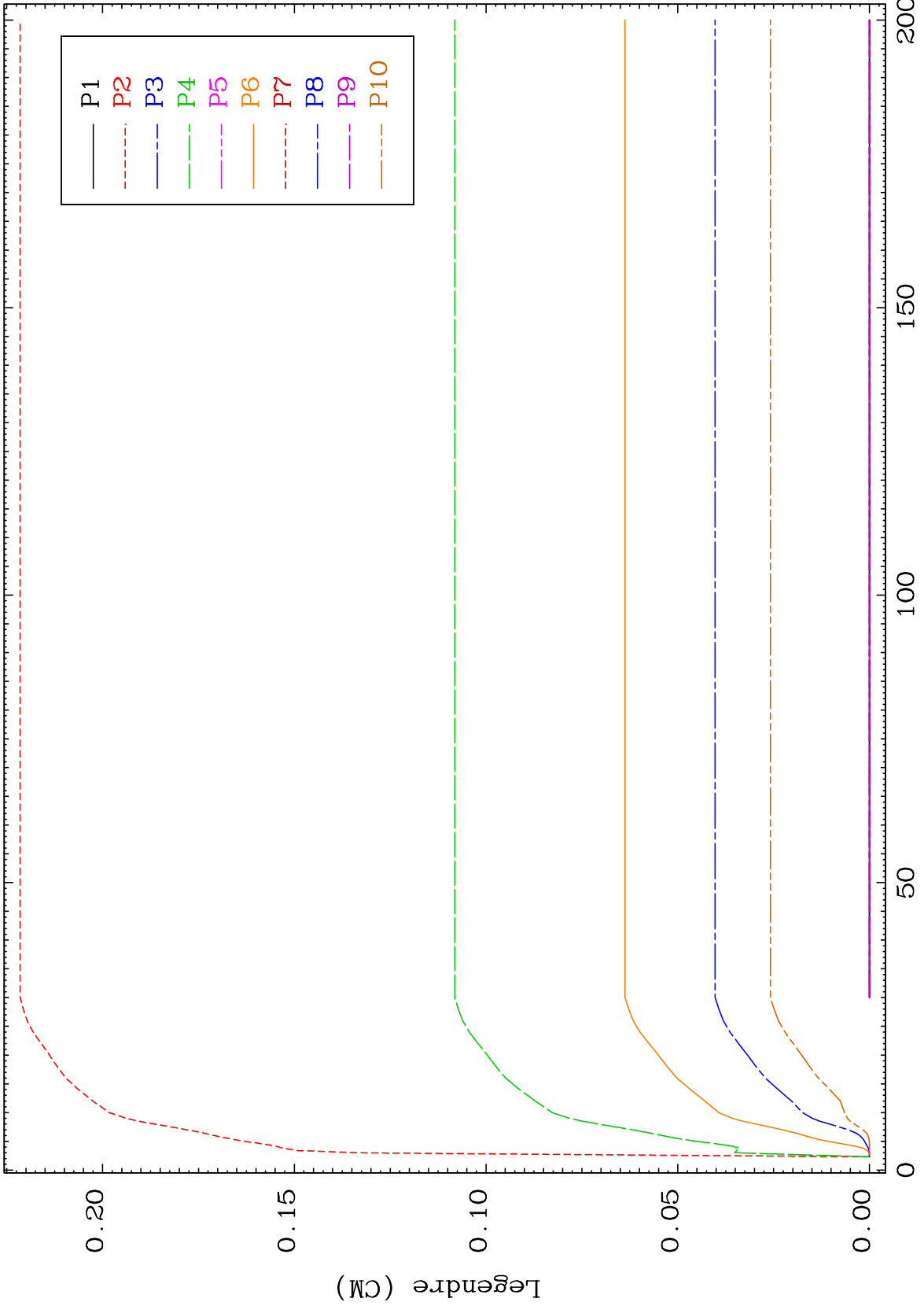


101

Incident Energy (MeV)

62-Sm-160

MAT 6273 MT= 76 (n,n') Level Legendre Coefficients 62-Sm-160

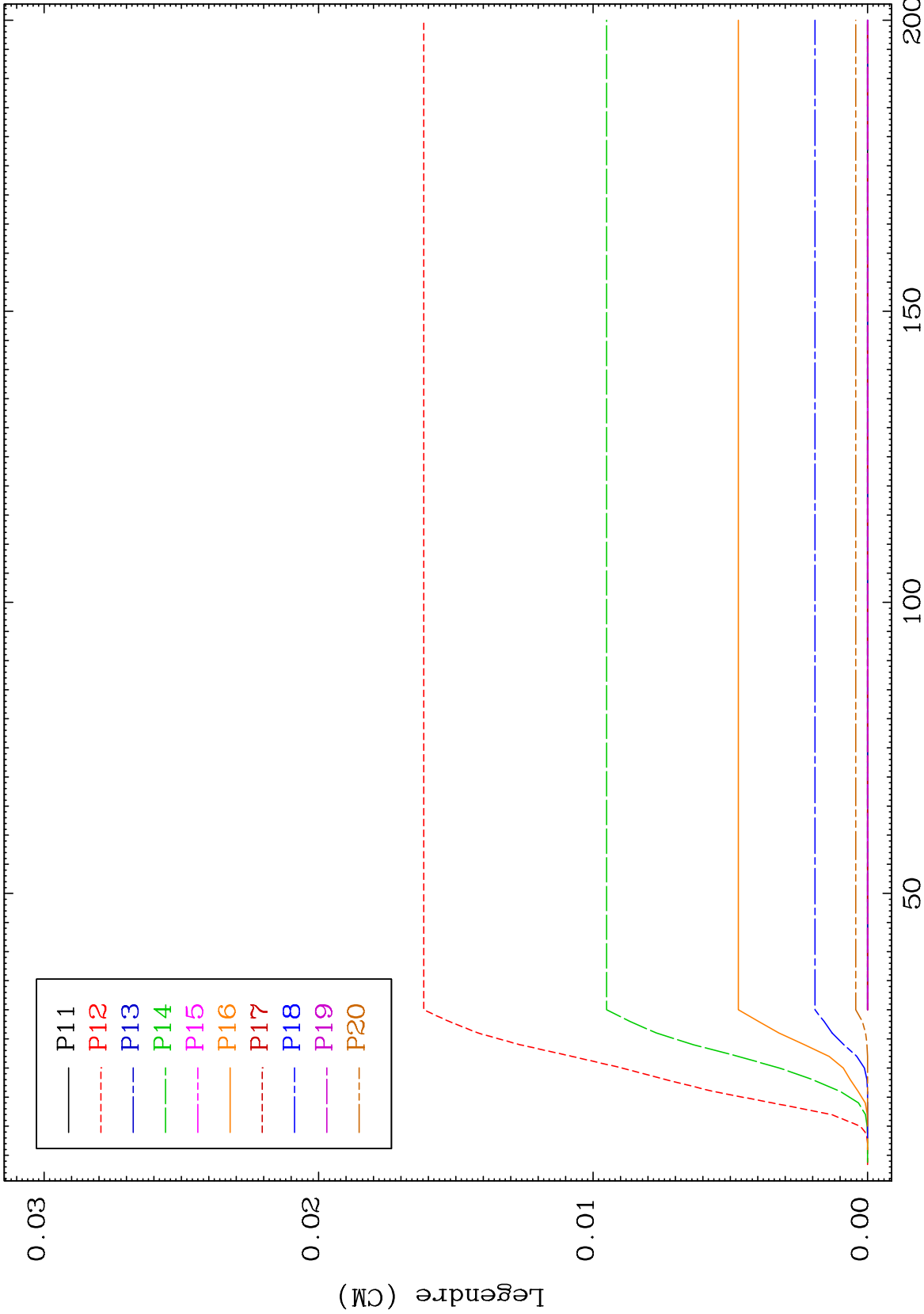


102 Incident Energy (MeV) 62-Sm-160

MAT 6273

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

62-Sm-160



103

Incident Energy (MeV)

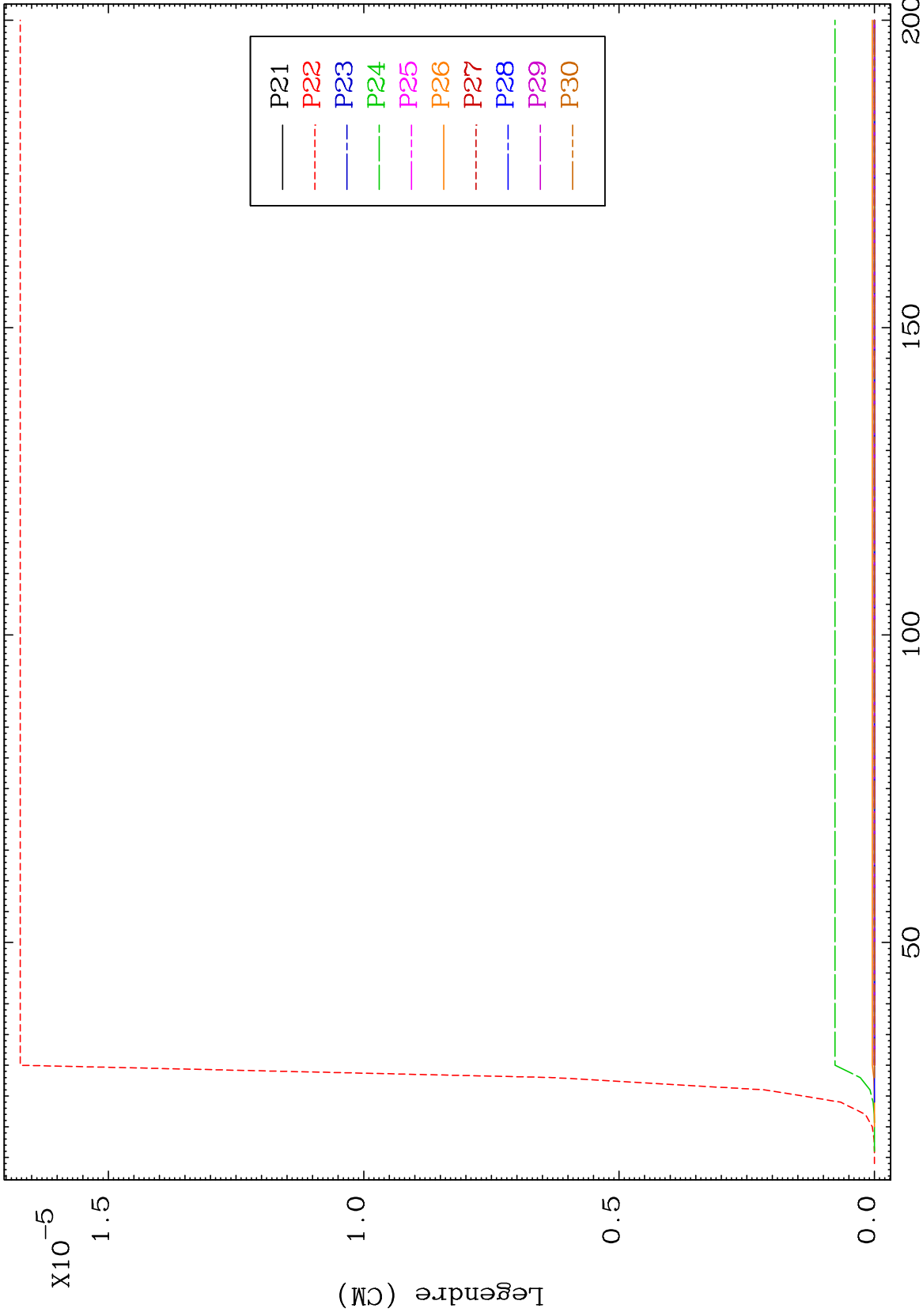
62-Sm-160



MAT 6273

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

62-Sm-160



62-Sm-160

Incident Energy (MeV)

104