

Program EVALPLOT
(Version 2017-1)

by

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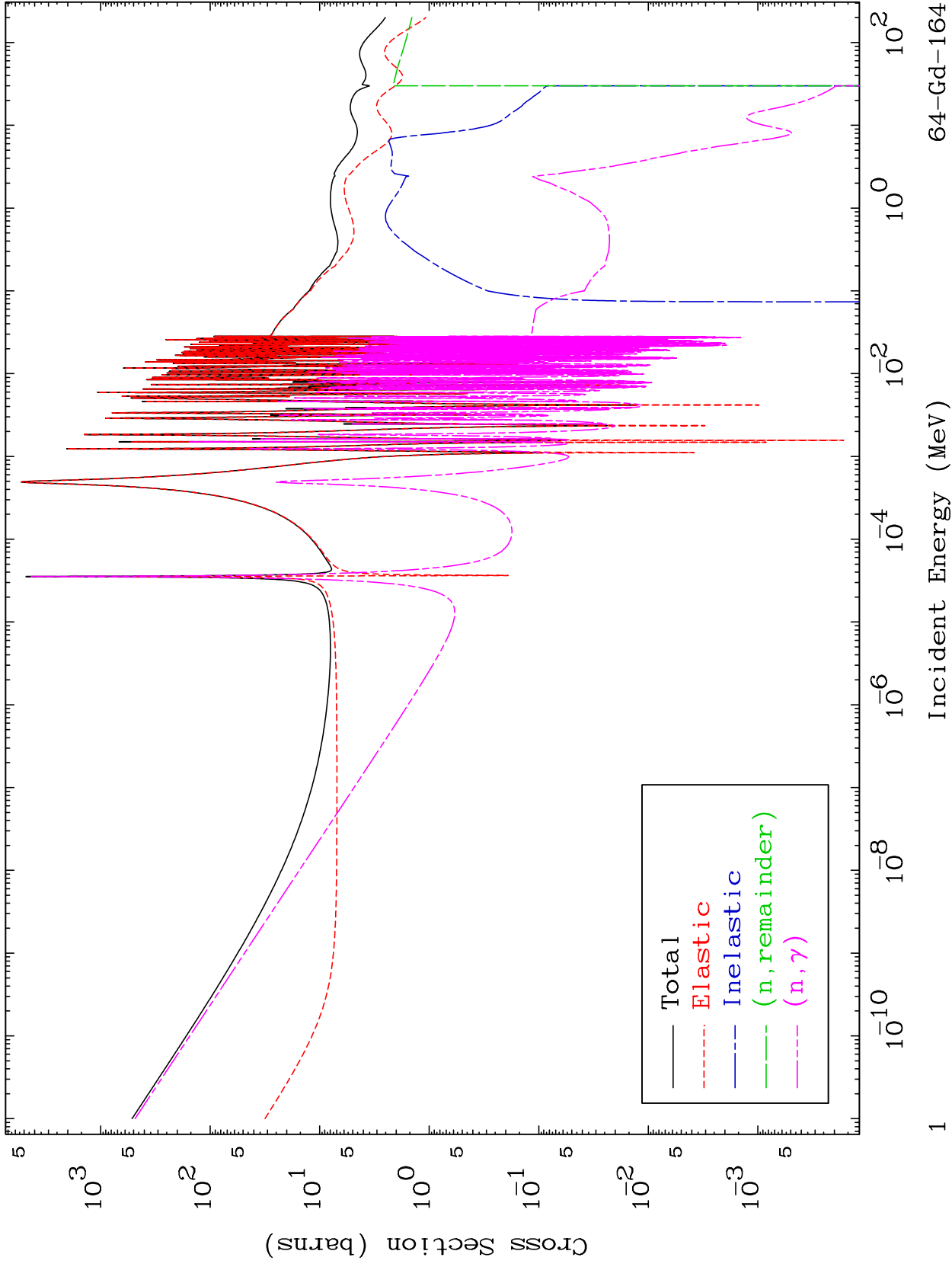
Press Mouse Button to Start

MAT 6461

Major

293 Kelvin Cross Sections

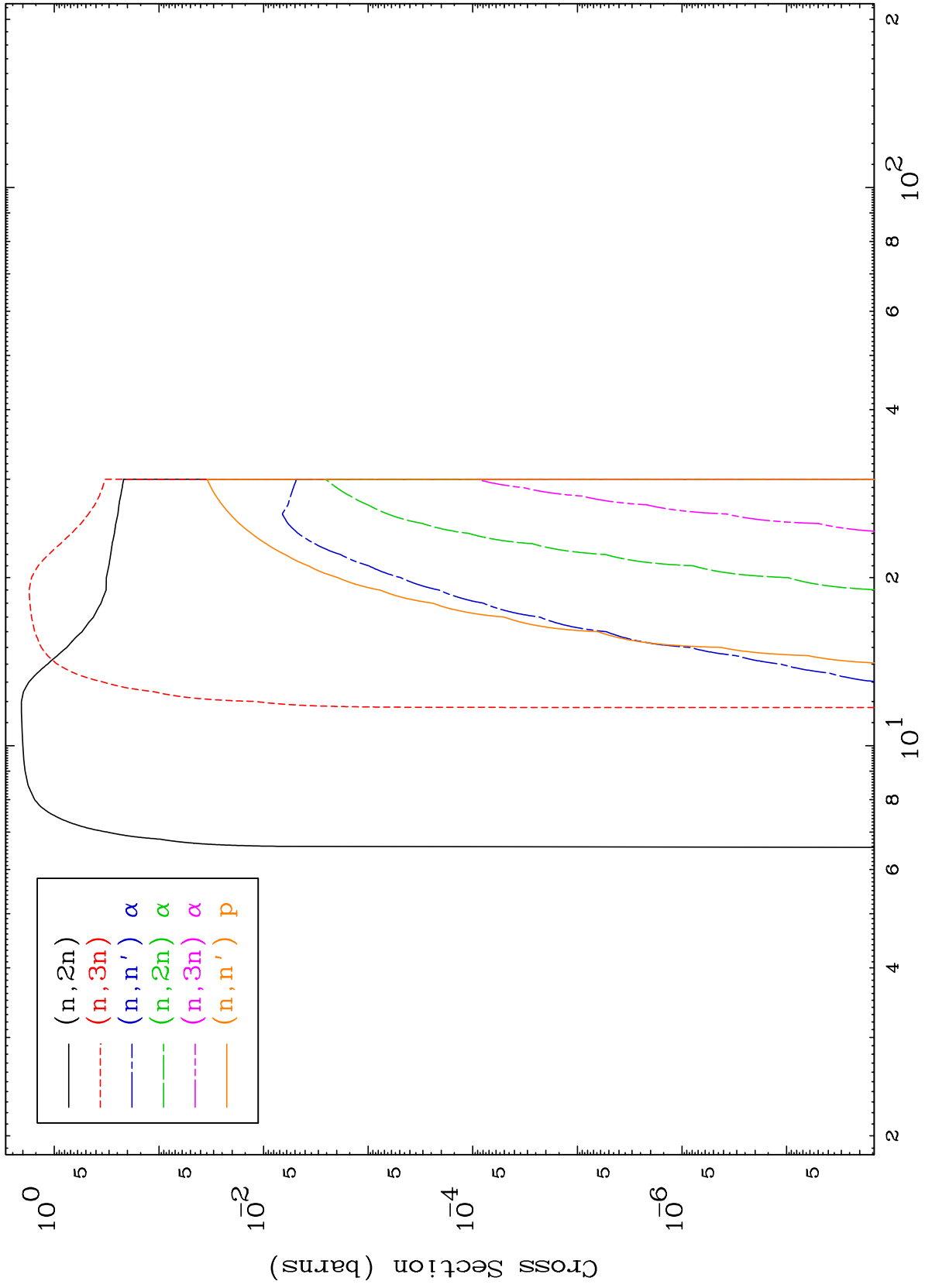
64-Gd-164



MAT 6461

Neutron Production
293 Kelvin Cross Sections

64-Gd-164



64-Gd-164

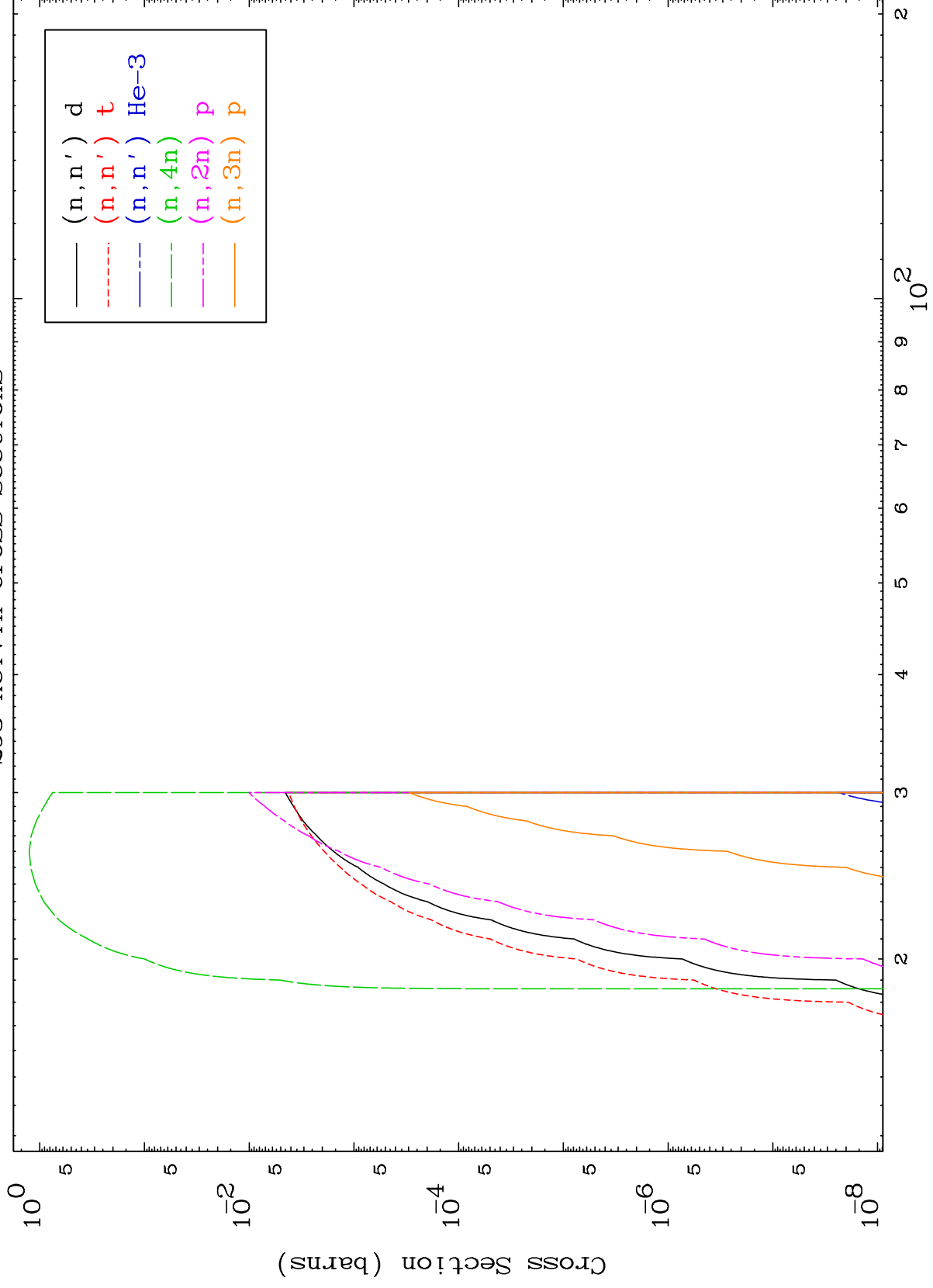
Incident Energy (MeV)

2

MAT 6461

Neutron Production
293 Kelvin Cross Sections

64-Gd-164



3

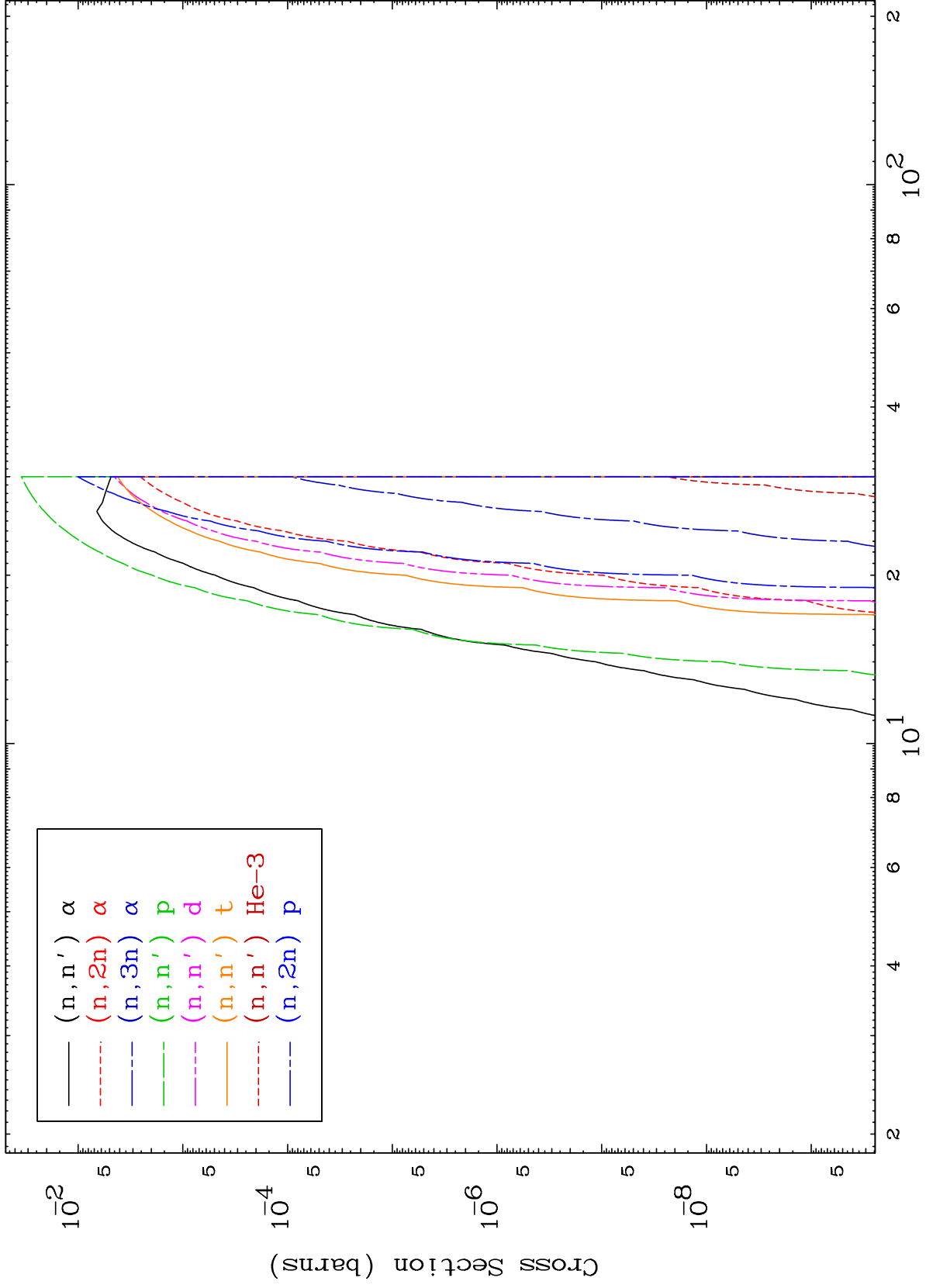
Incident Energy (MeV)

64-Gd-164

MAT 6461

Charged Particle
293 Kelvin Cross Sections

64-Gd-164



4

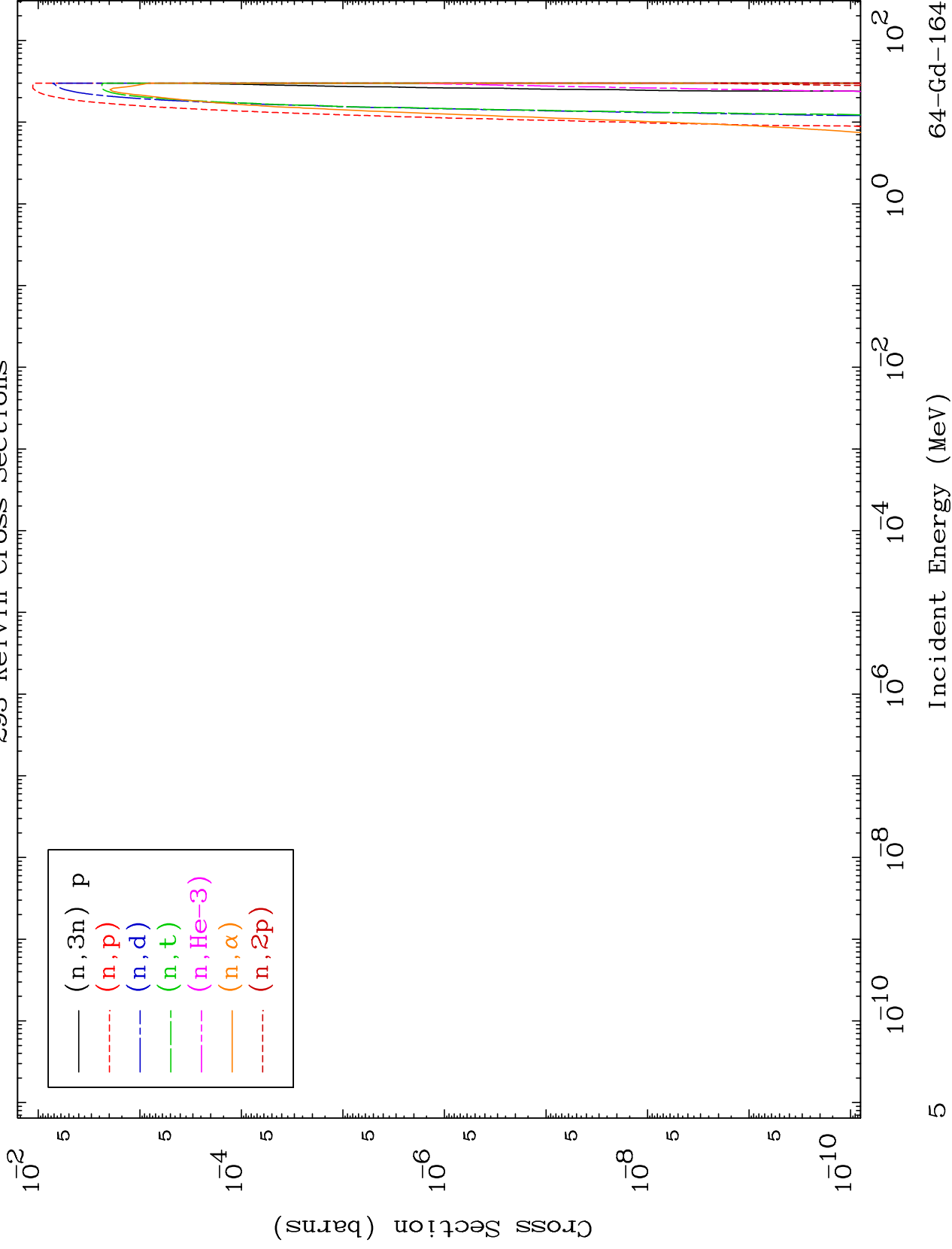
Incident Energy (MeV)

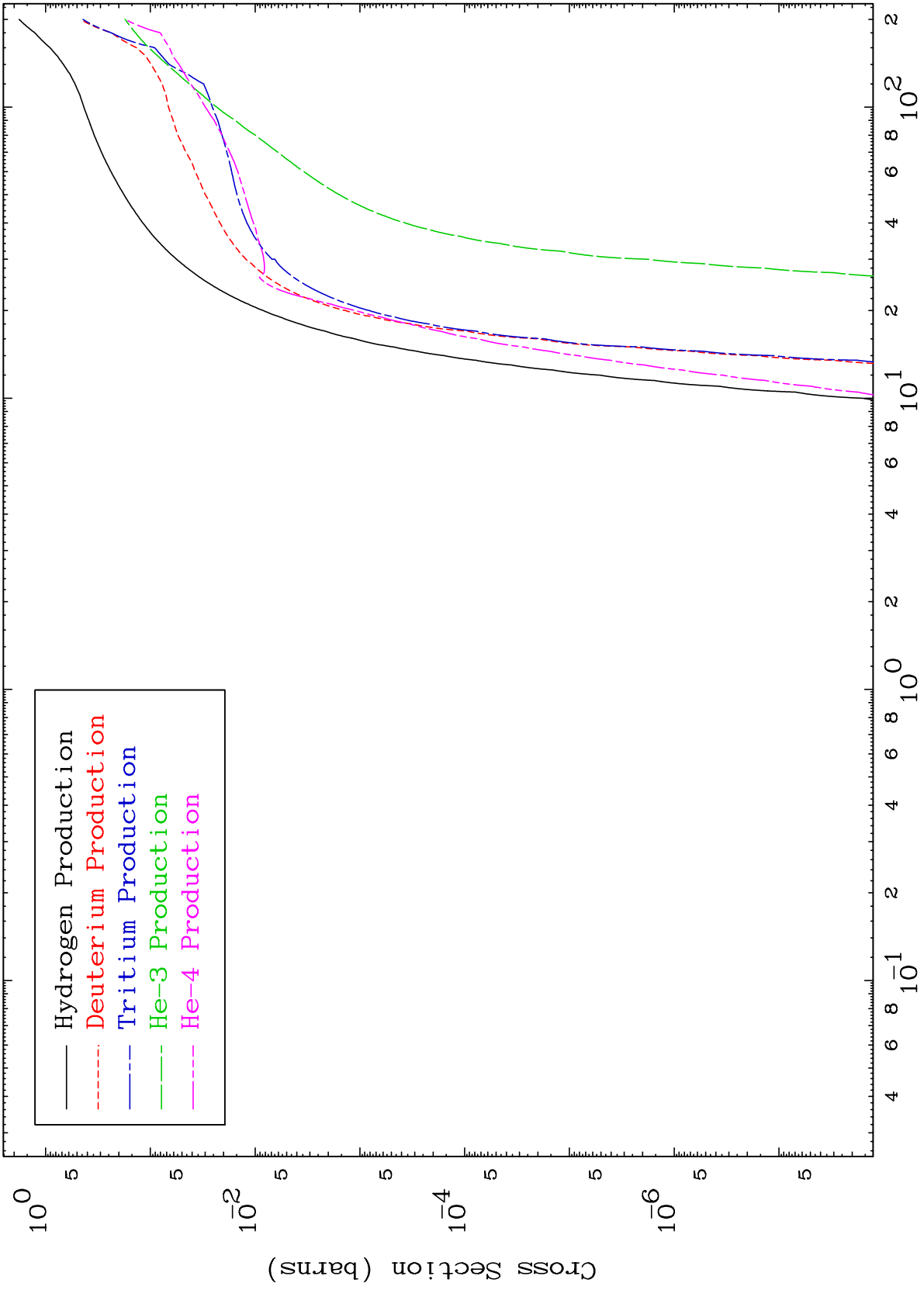
64-Gd-164

MAT 6461

Charged Particle
293 Kelvin Cross Sections

64-Gd-164



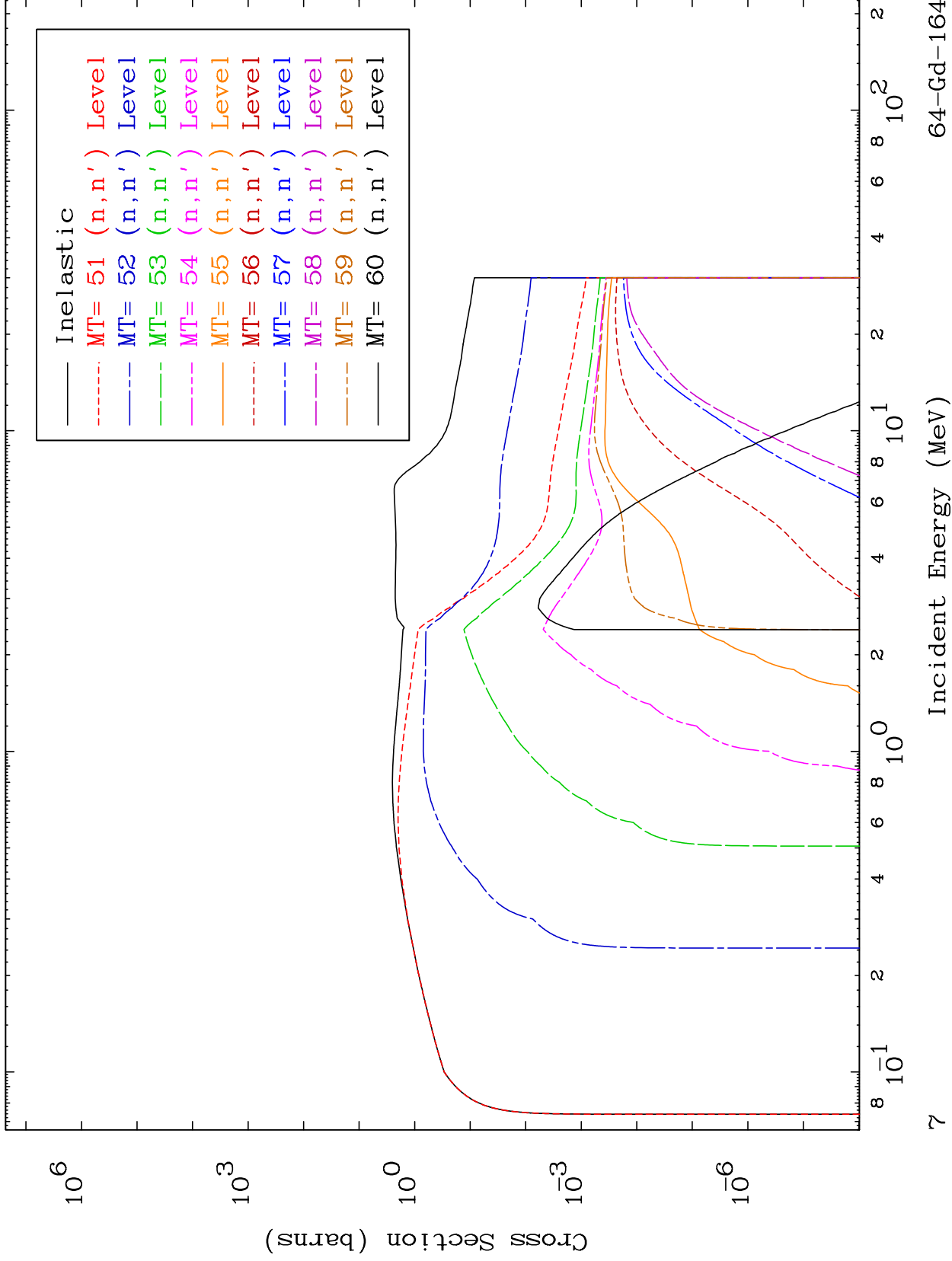


MAT 6461

(n,n') Level

64-Gd-164

293 Kelvin Cross Sections



64-Gd-164

Incident Energy (MeV)

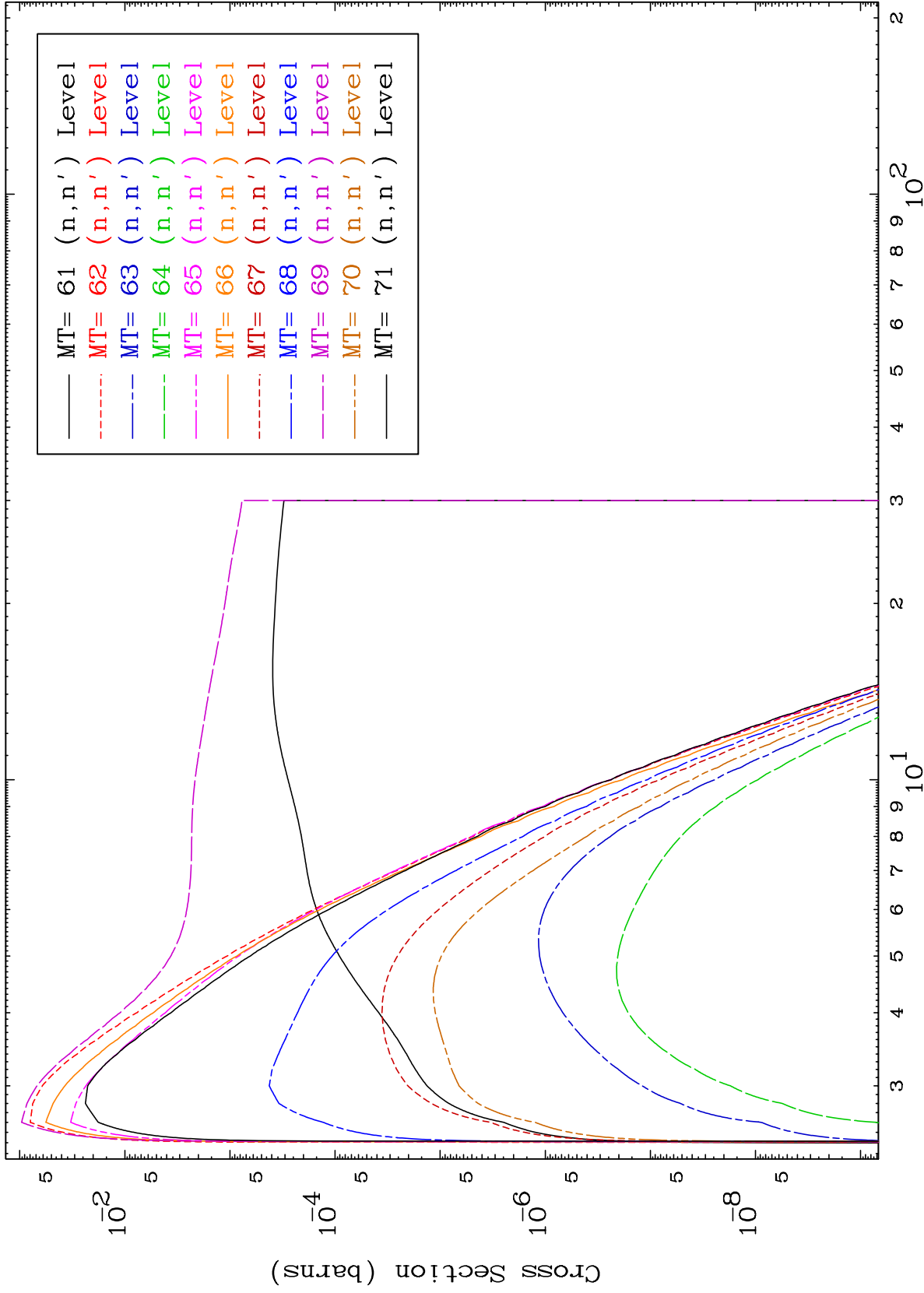
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MAT 6461

(n,n') Level

64-Gd-164

293 Kelvin Cross Sections

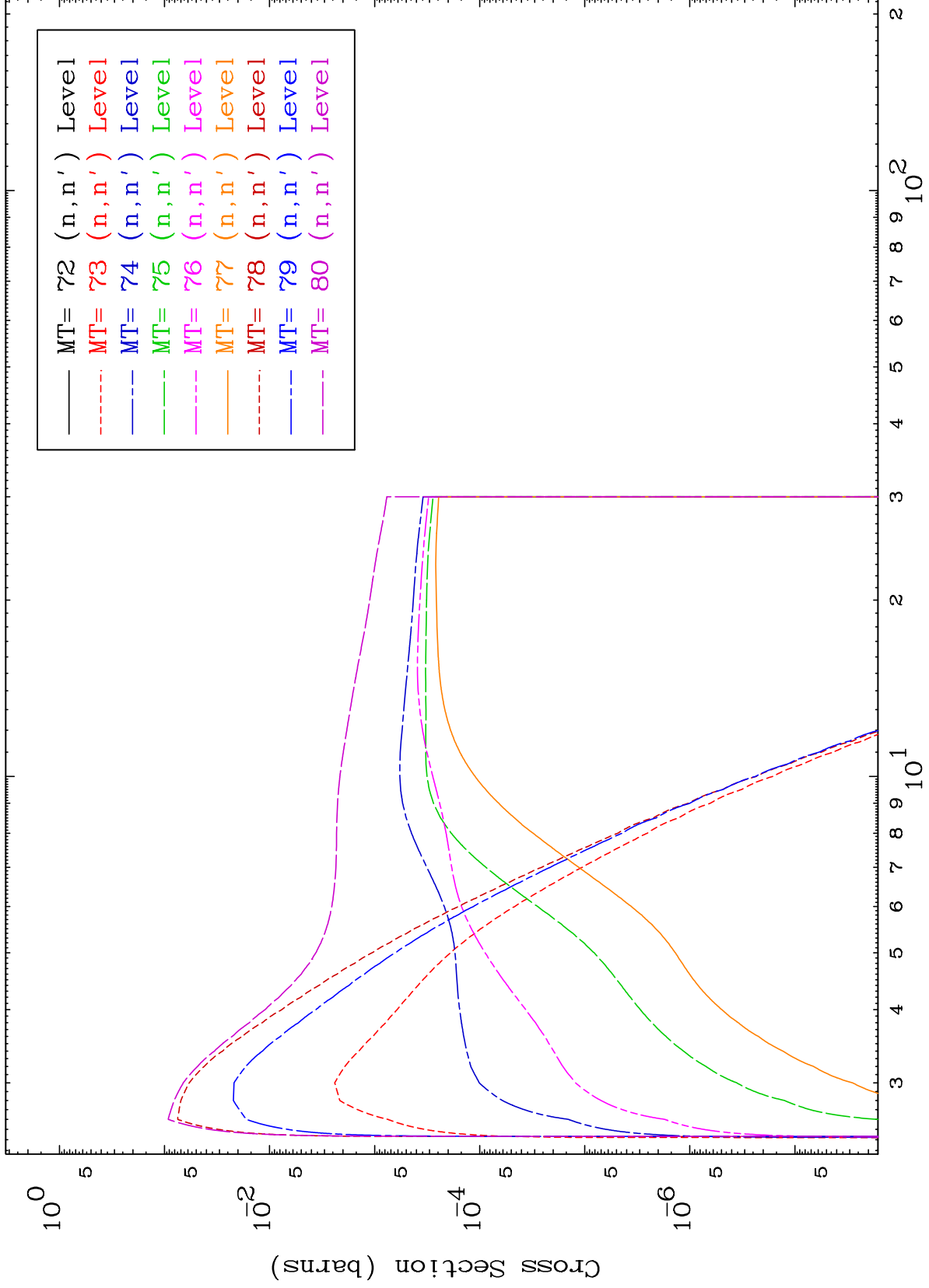


8

Incident Energy (MeV)

64-Gd-164

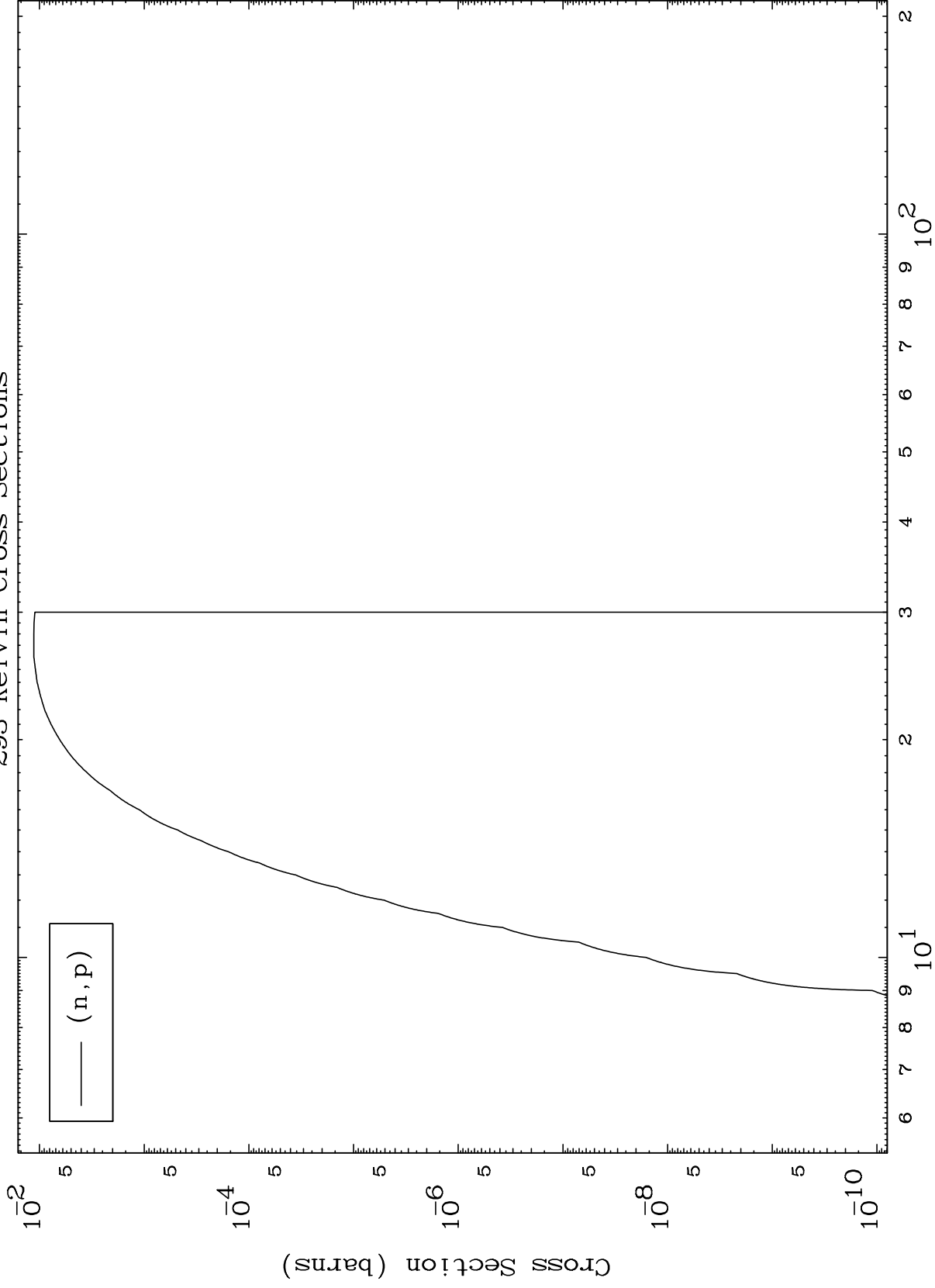
293 Kelvin Cross Sections



MAT 6461

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-164



10

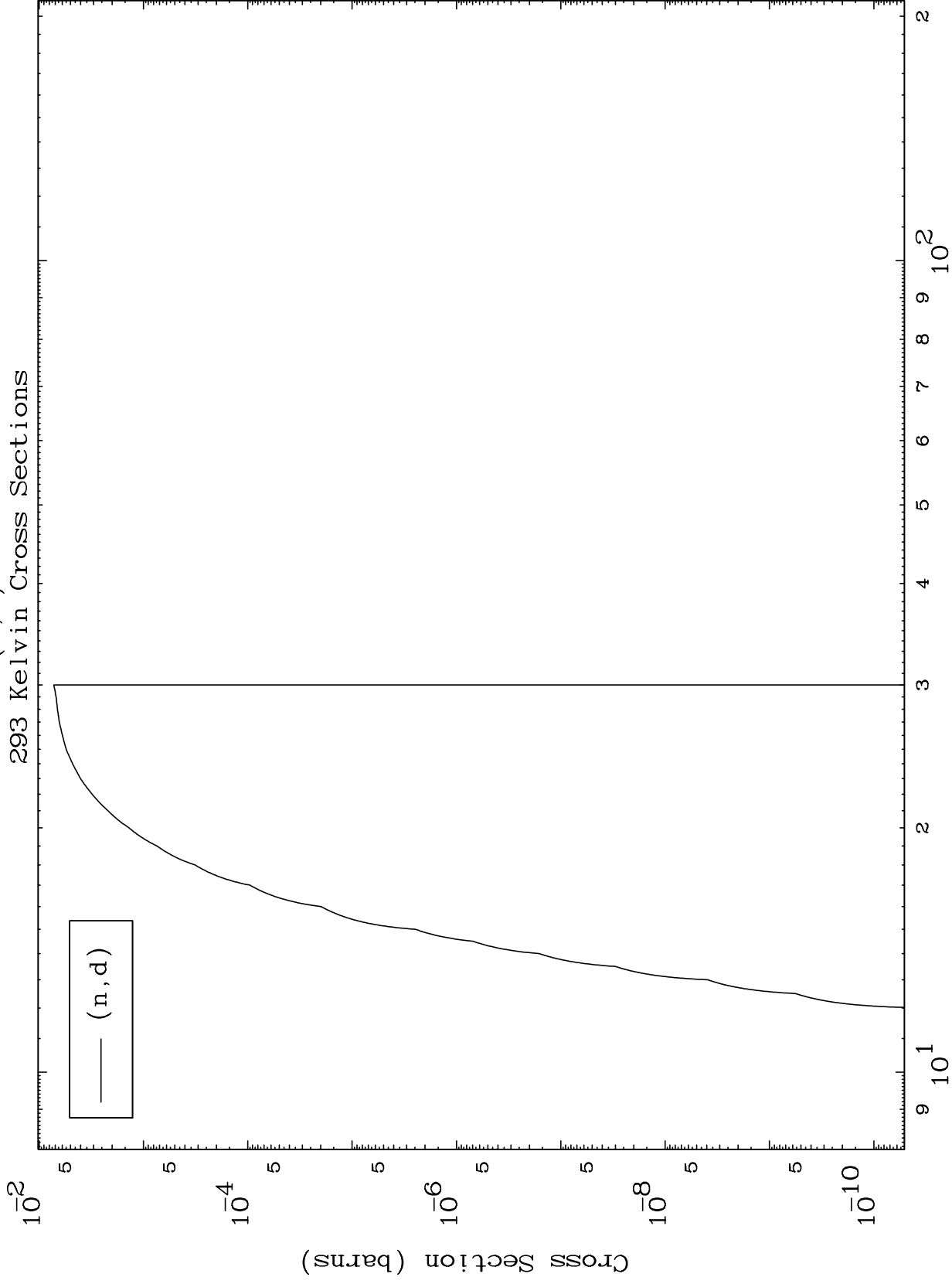
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-164



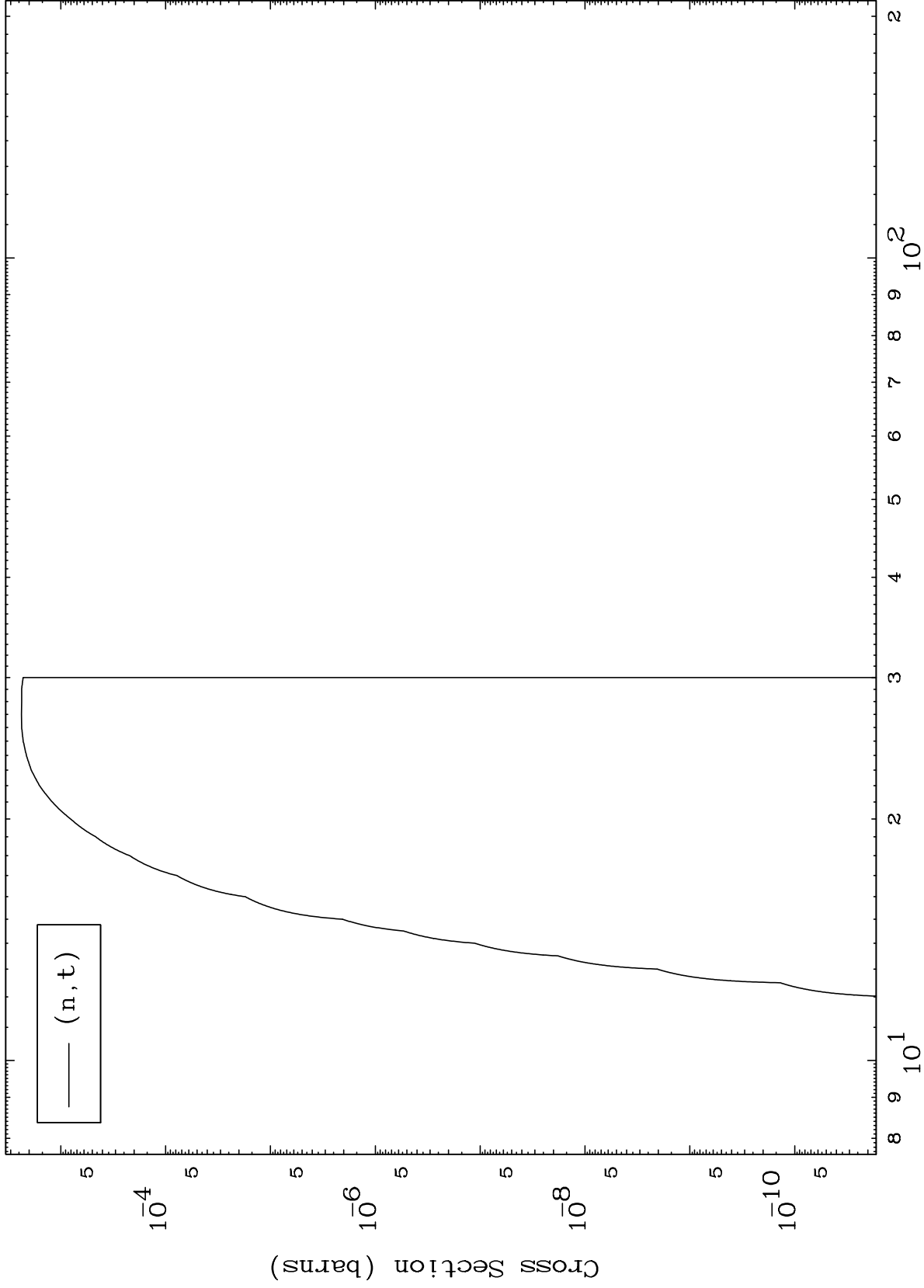
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64-Gd-164

MAT 6461

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-164



12

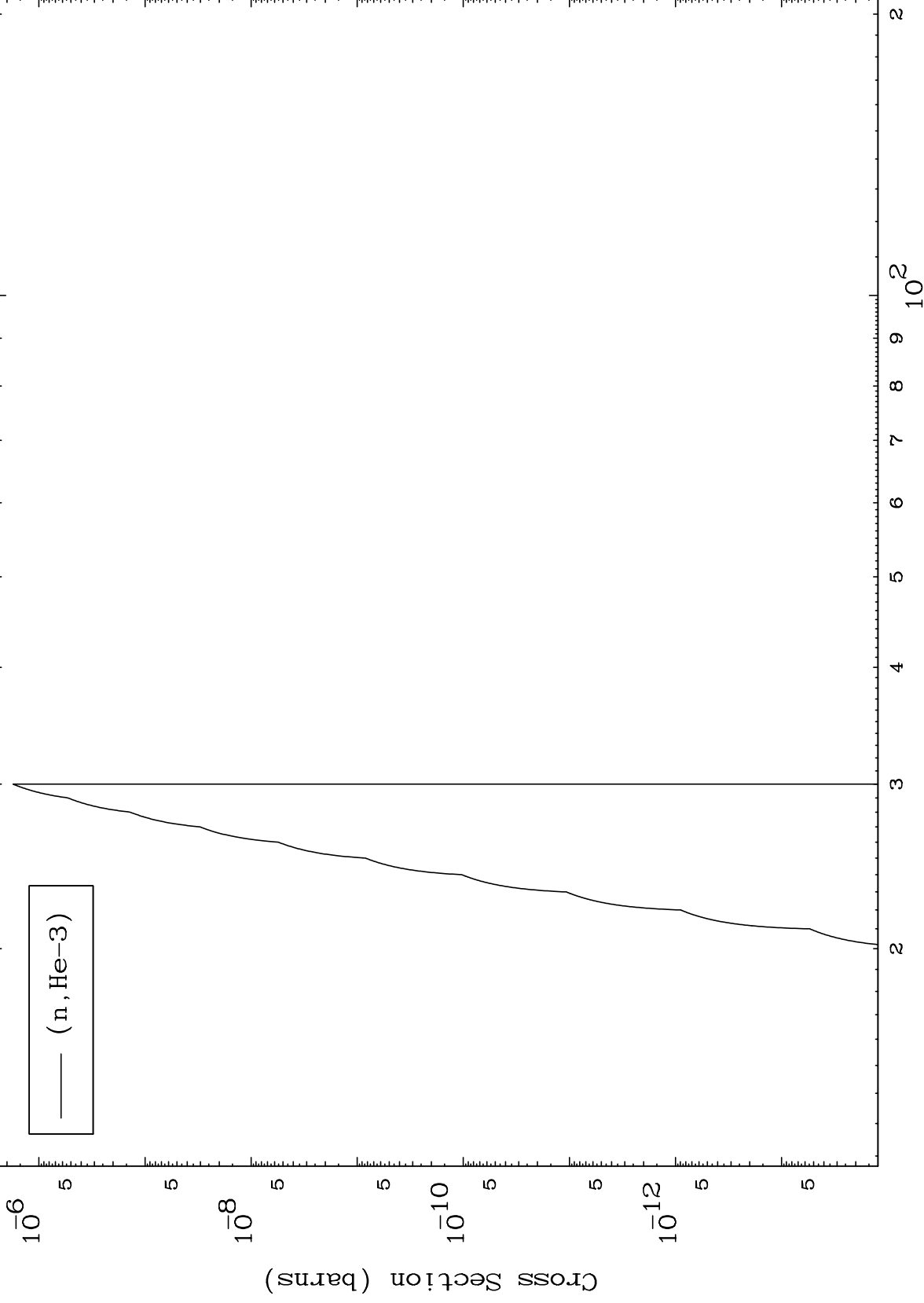
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-164



13

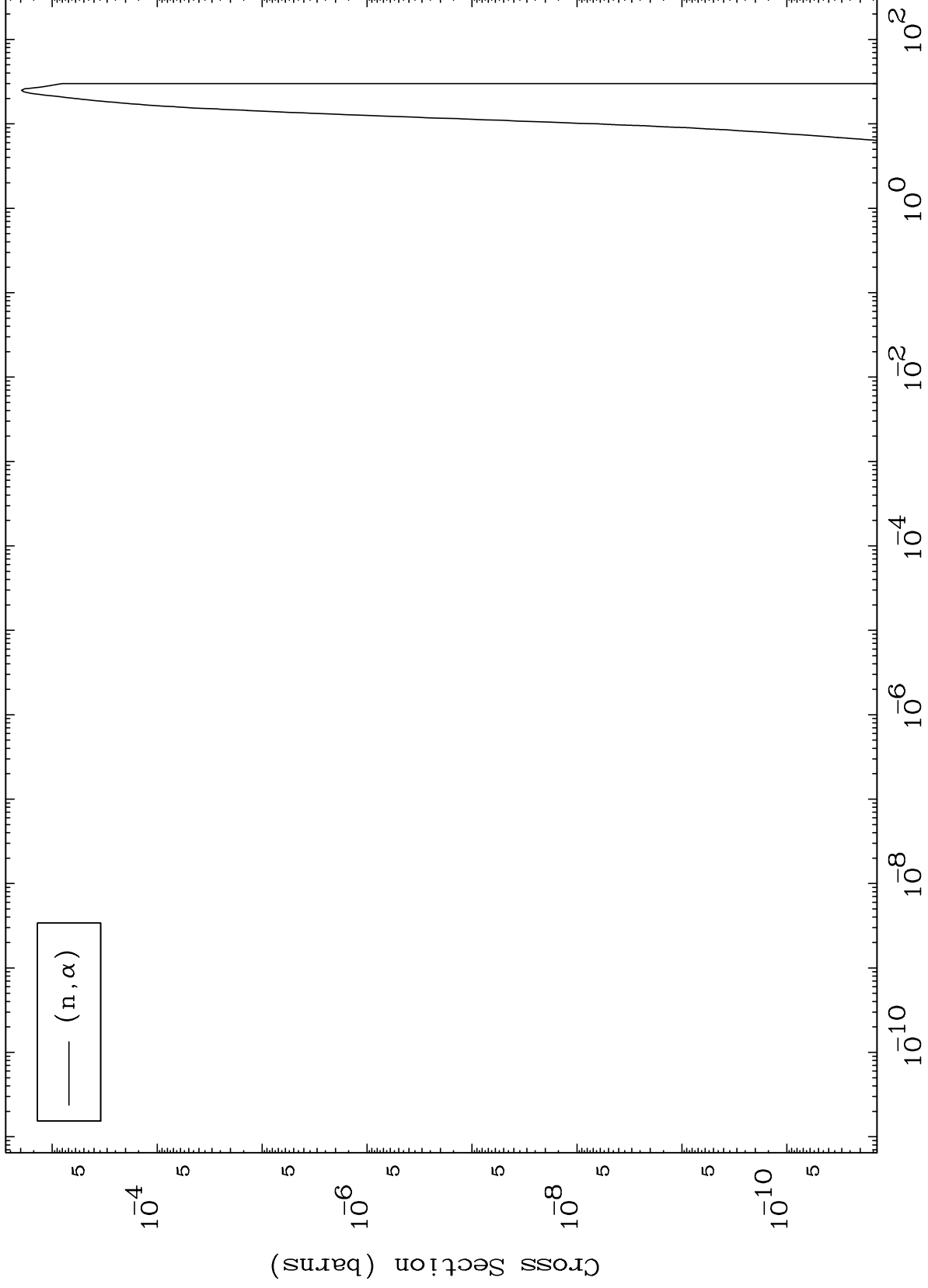
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n, α) Levels
293 Kelvin Cross Sections

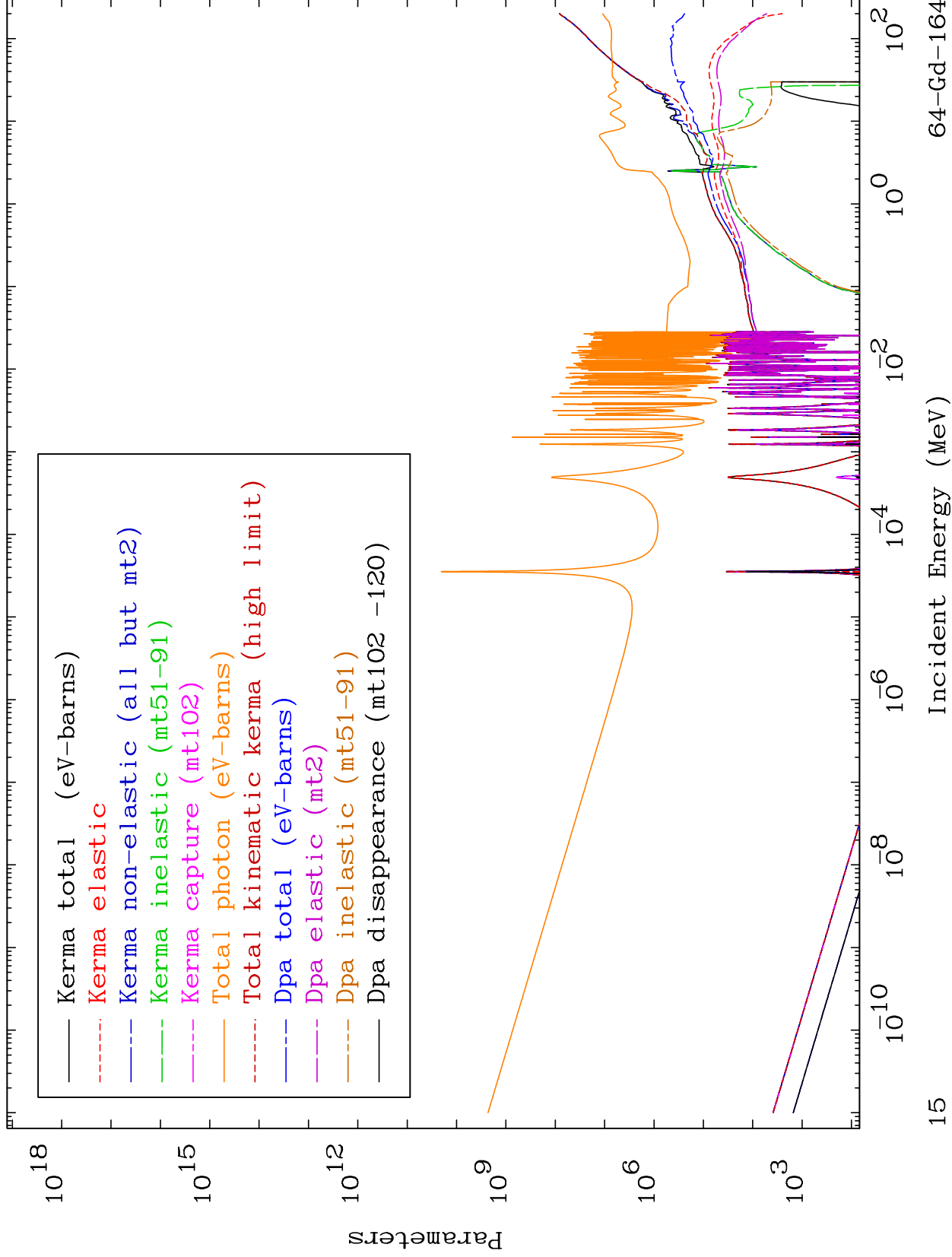
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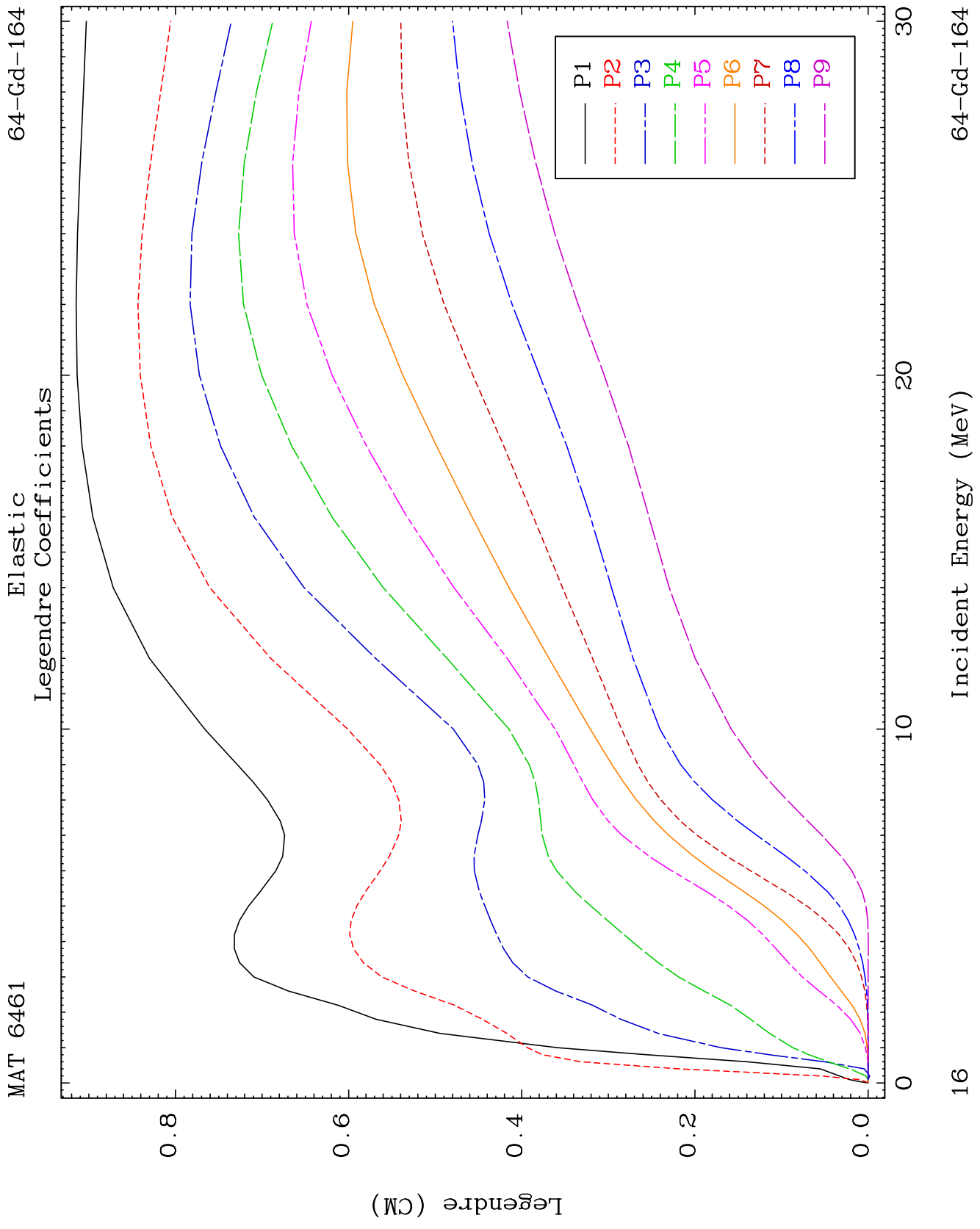


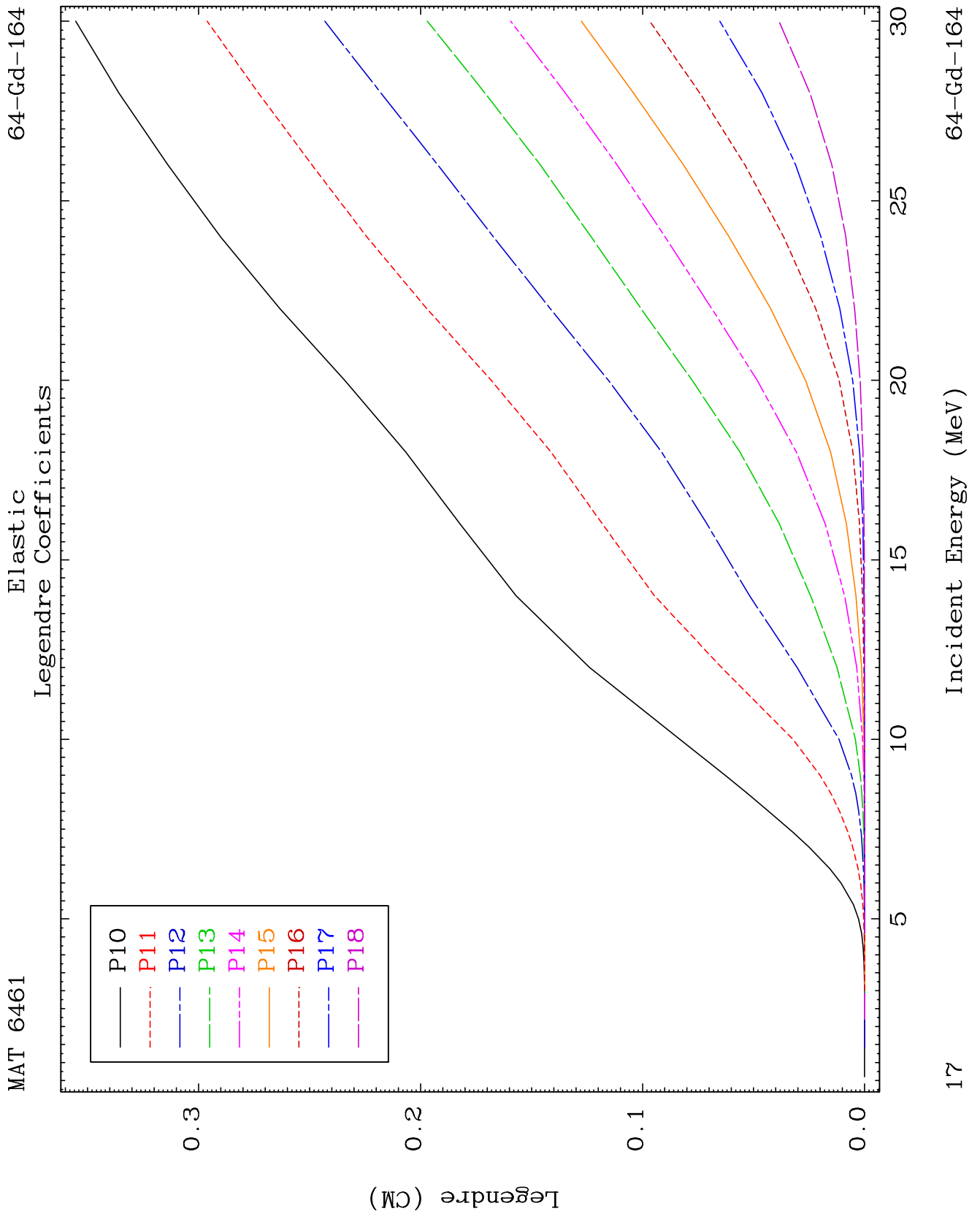
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Incident Energy (MeV)

64-Gd-164



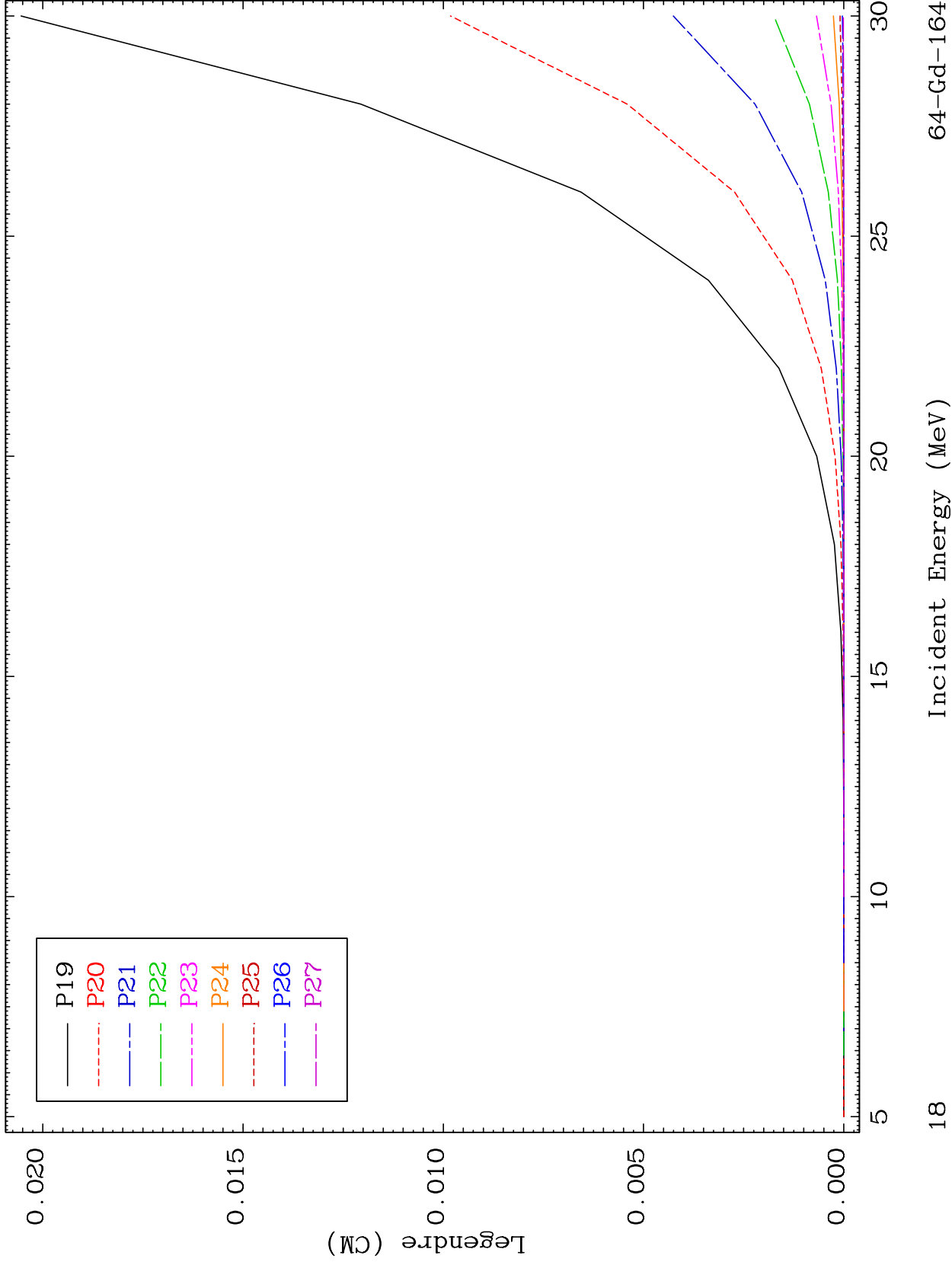




MAT 6461

Elastic Legendre Coefficients

64-Gd-164



18

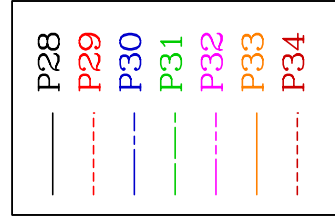
Incident Energy (MeV)

64-Gd-164

MAT 6461

Elastic
Legendre Coefficients

64-Gd-164



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

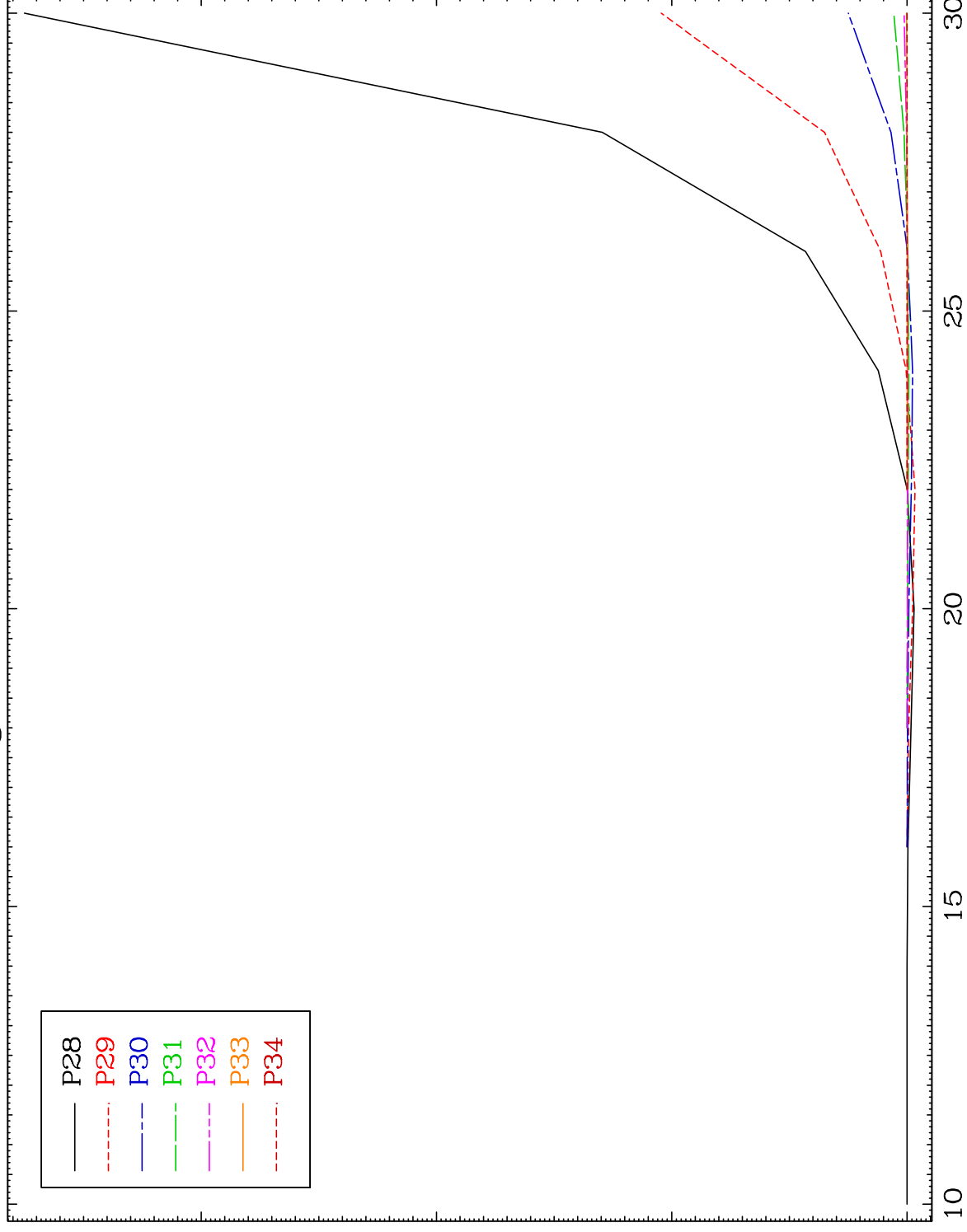
25

30

19

Incident Energy (MeV)

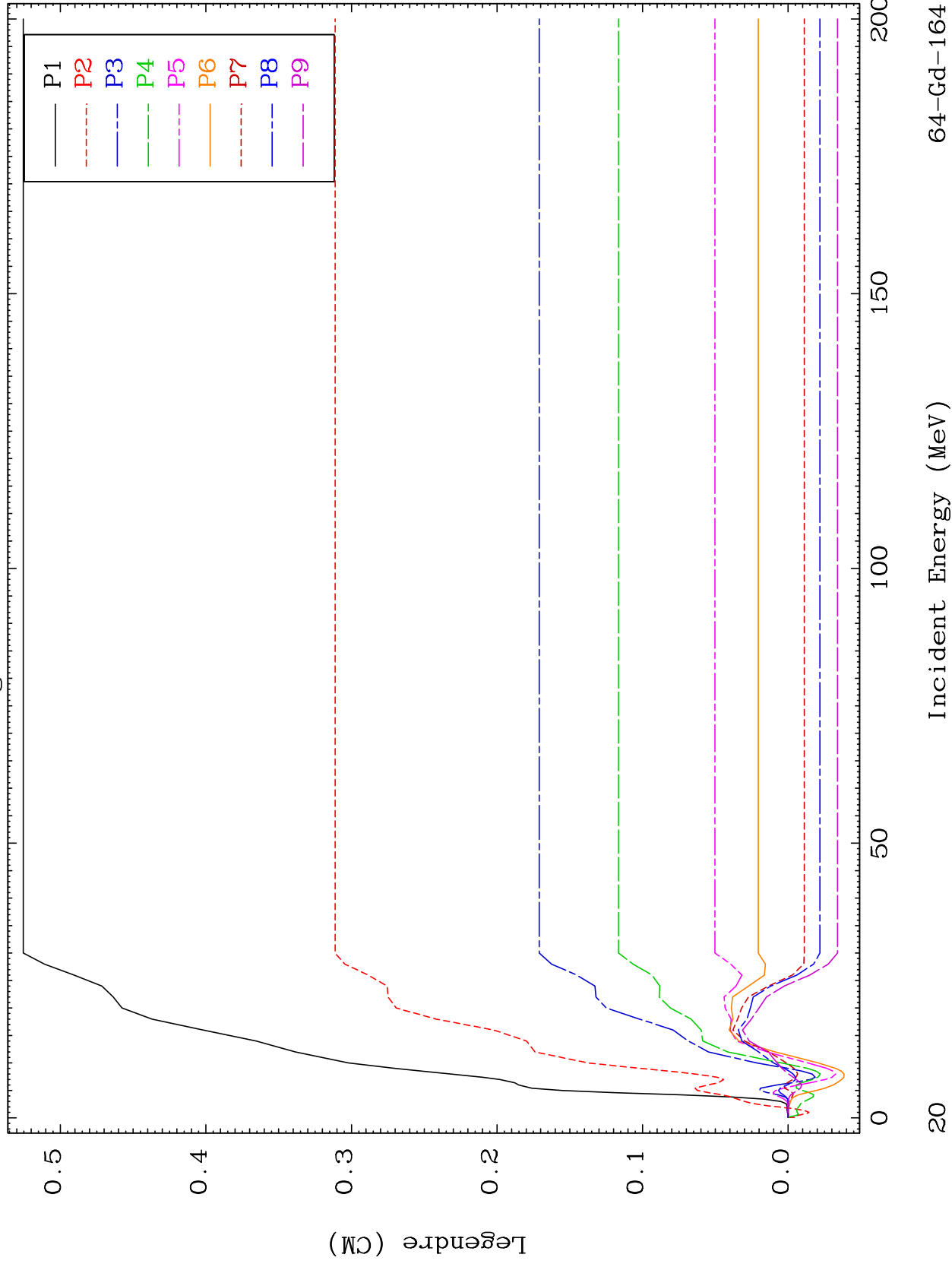
64-Gd-164



MAT 6461

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

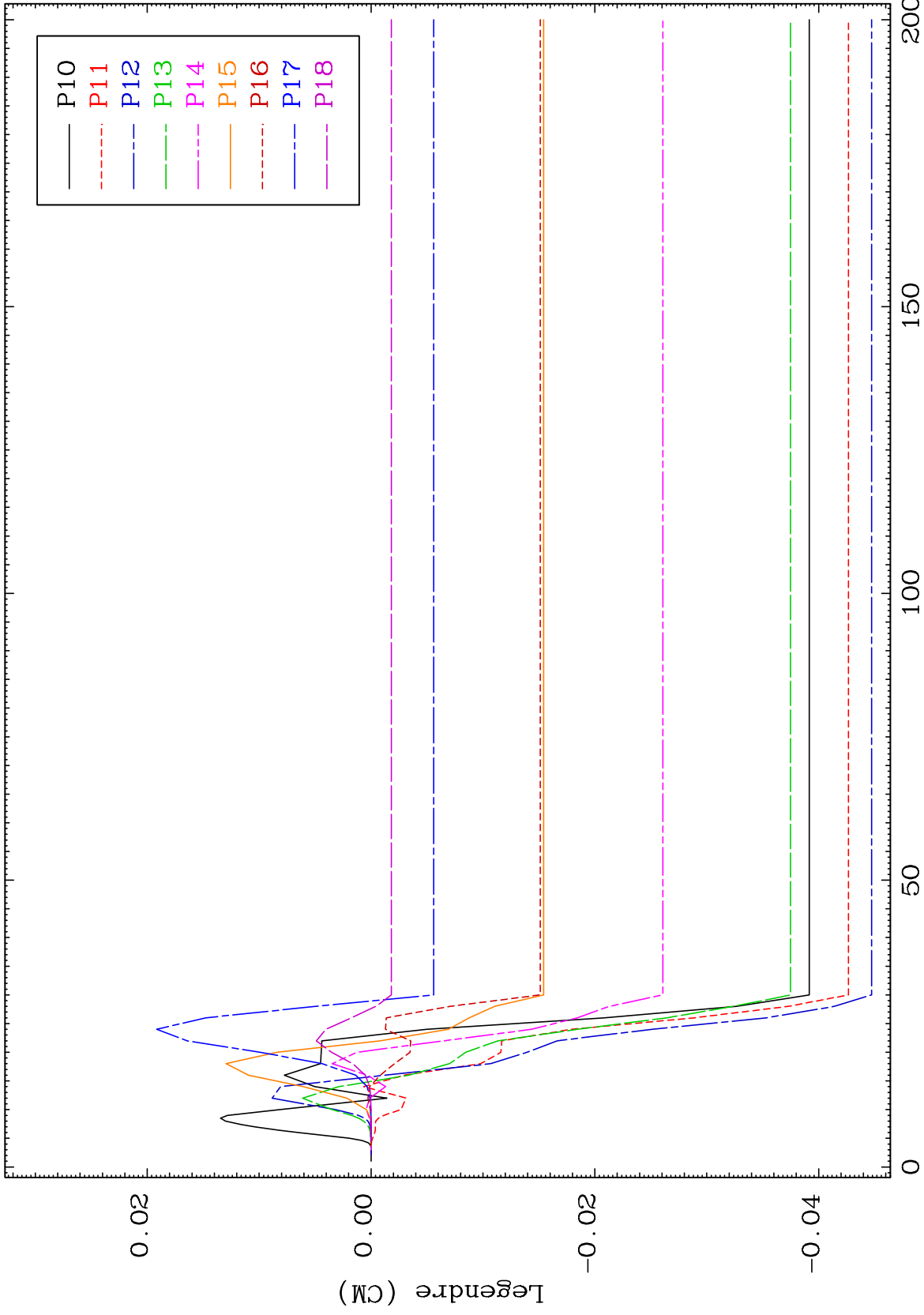
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MAT 6461

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

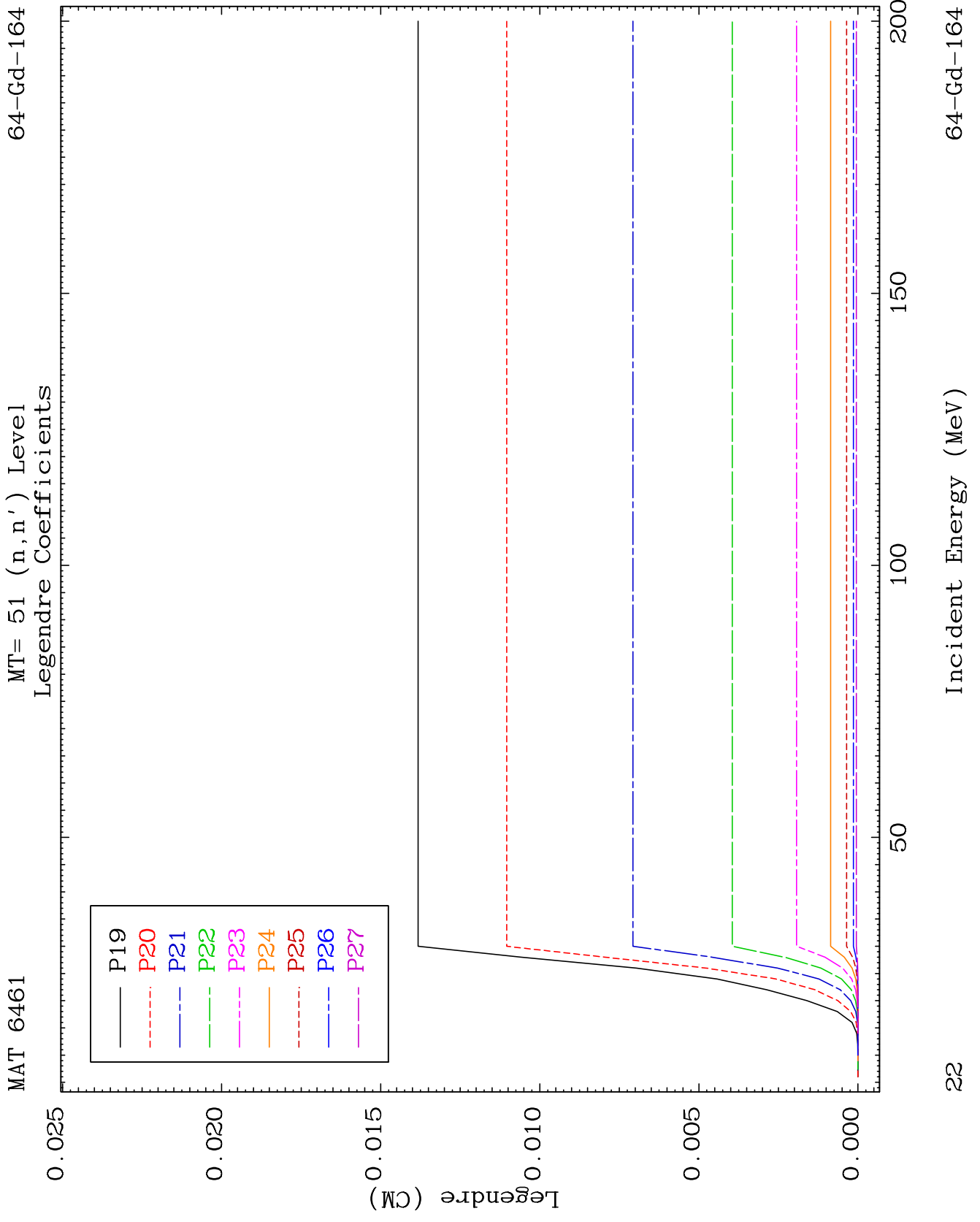
64-Gd-164



21

Incident Energy (MeV)

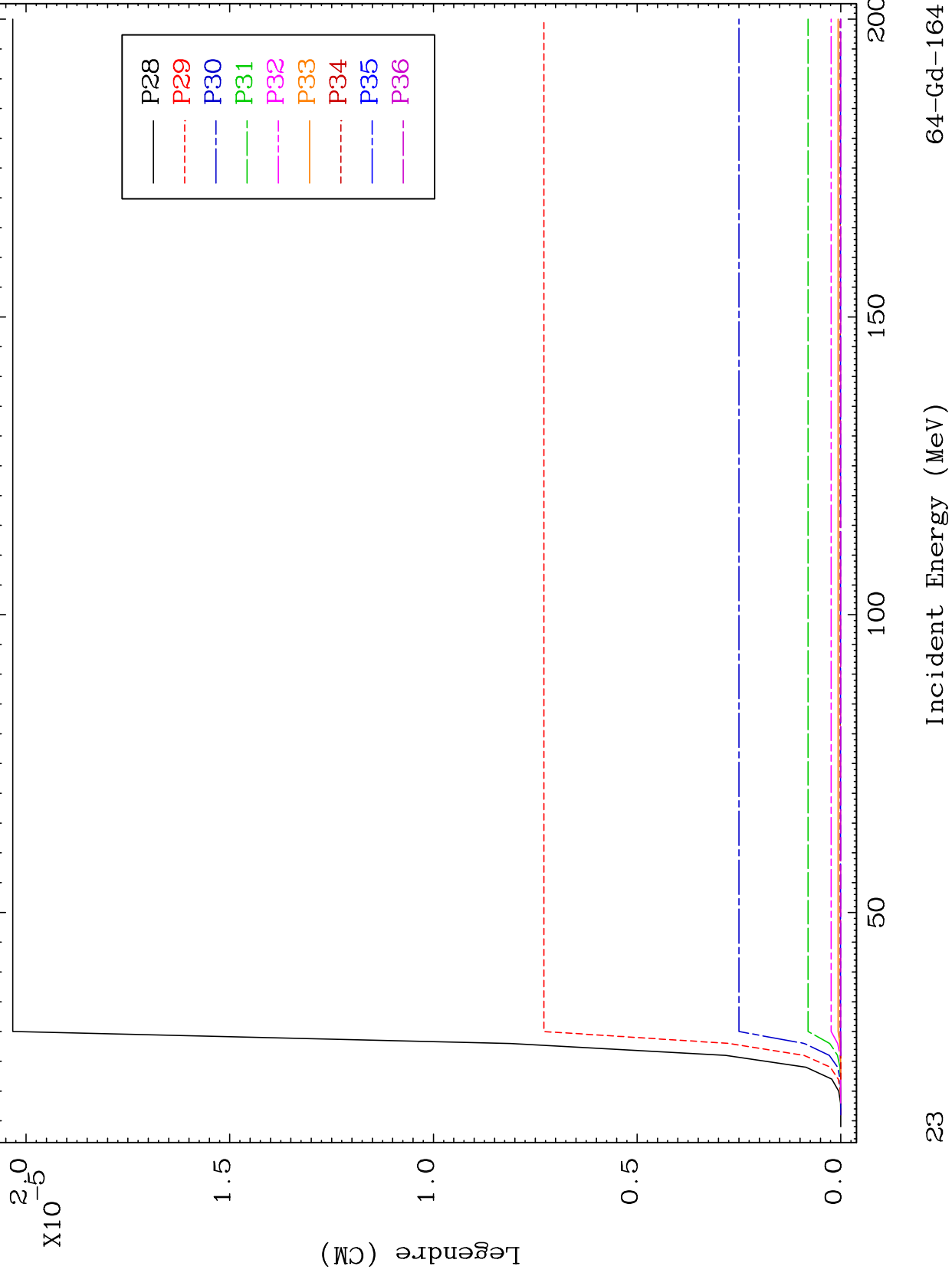
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MAT 6461

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

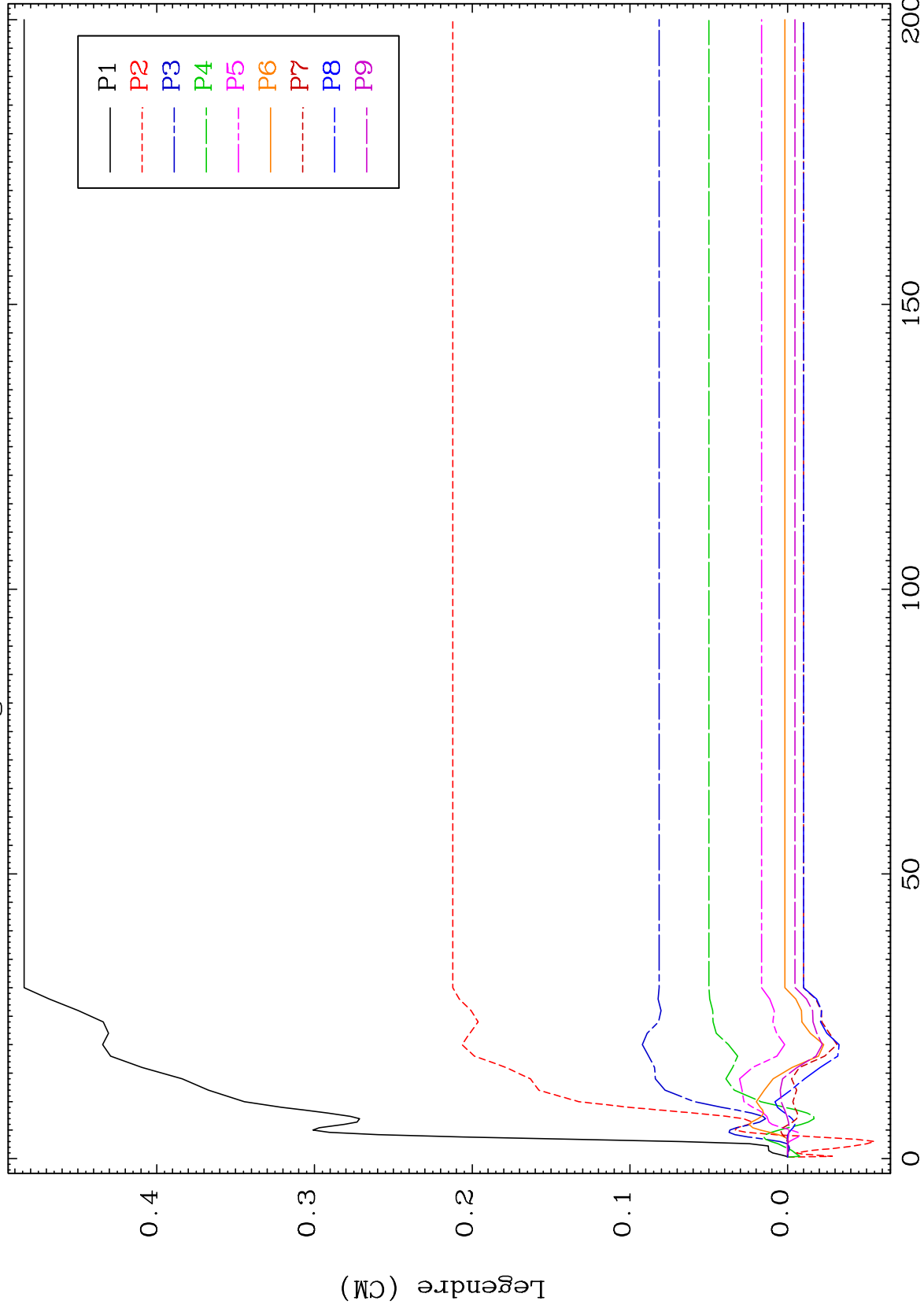
64-Gd-164



MAT 6461

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

64-Gd-164



24

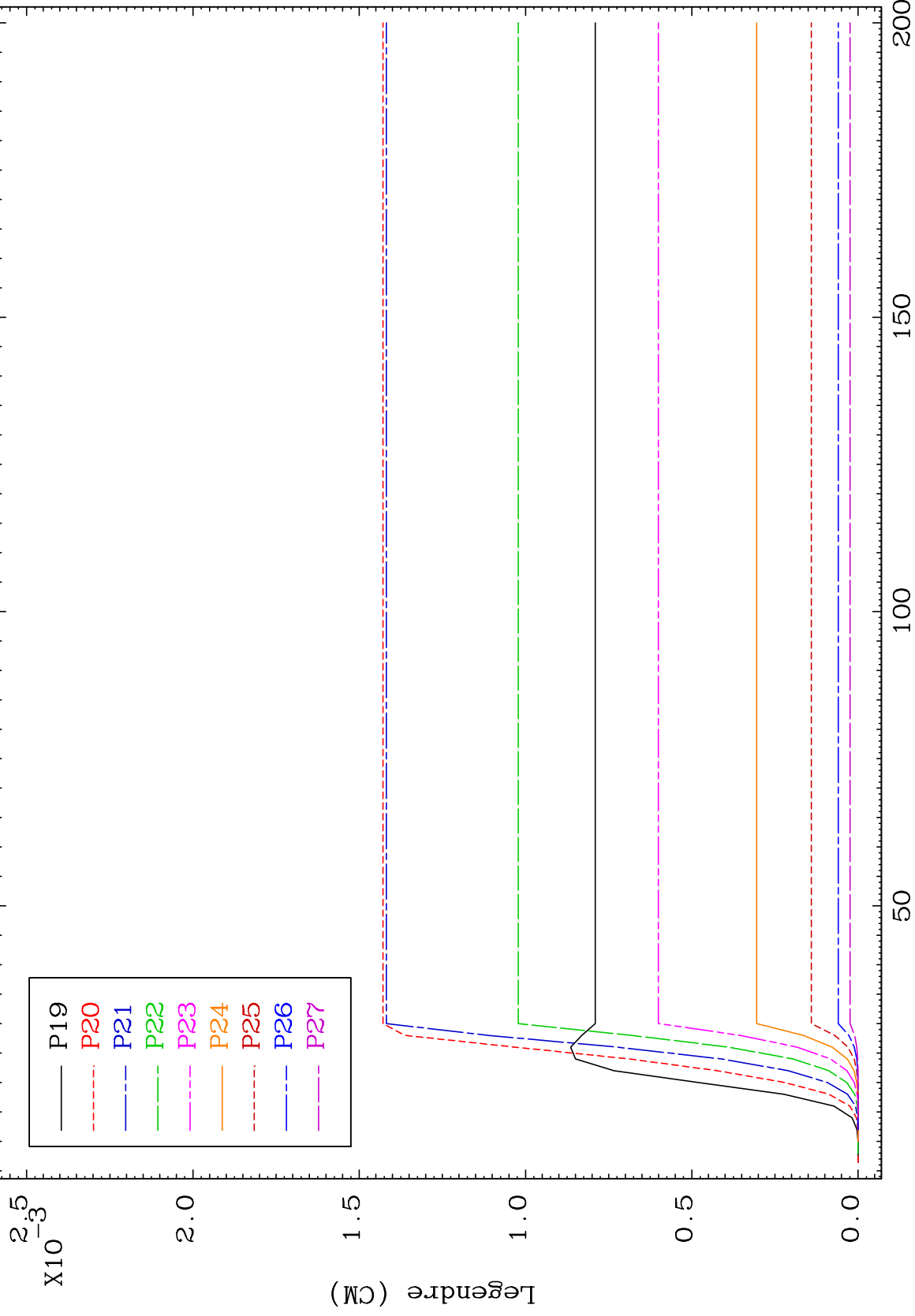
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



26

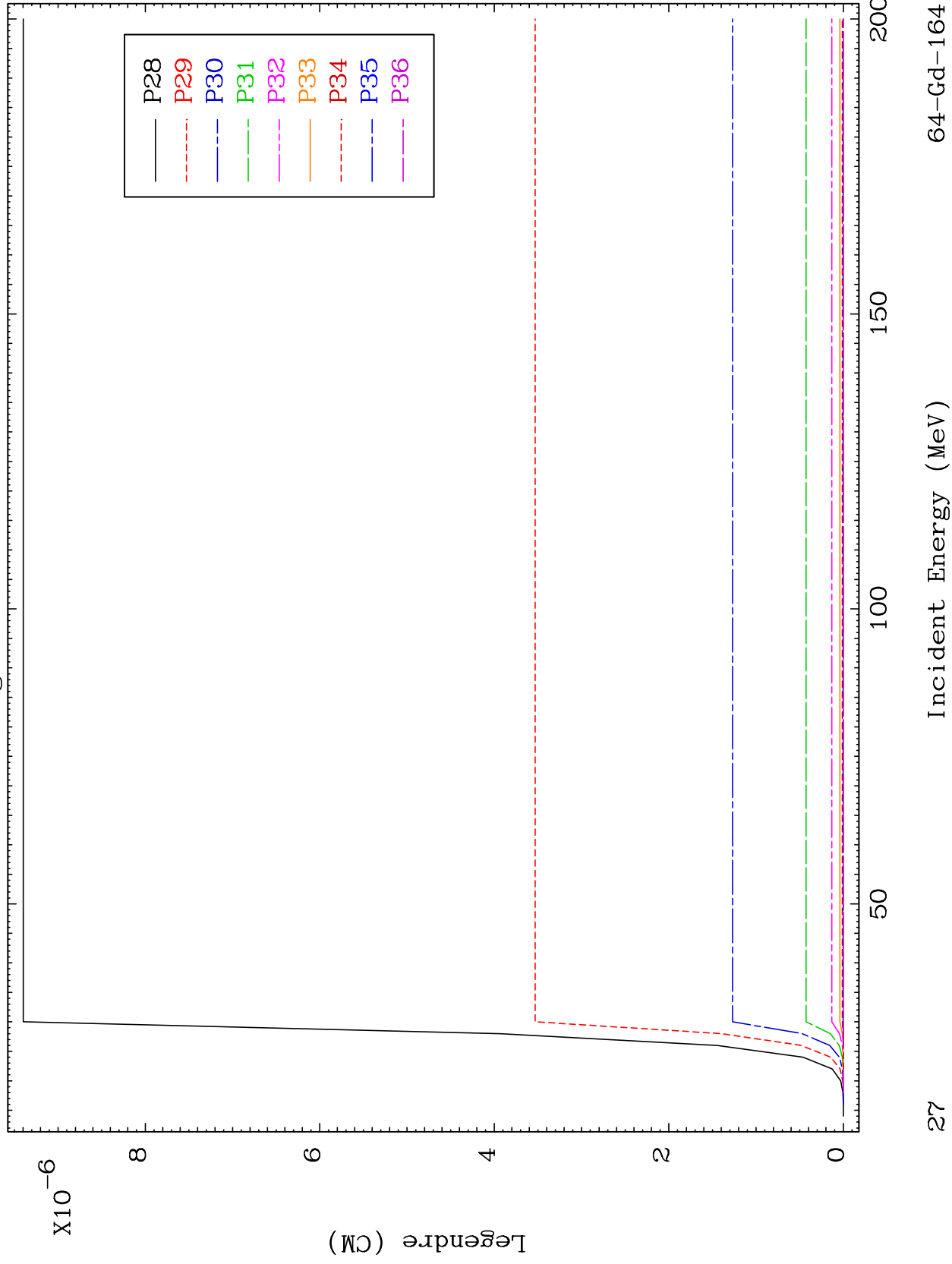
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

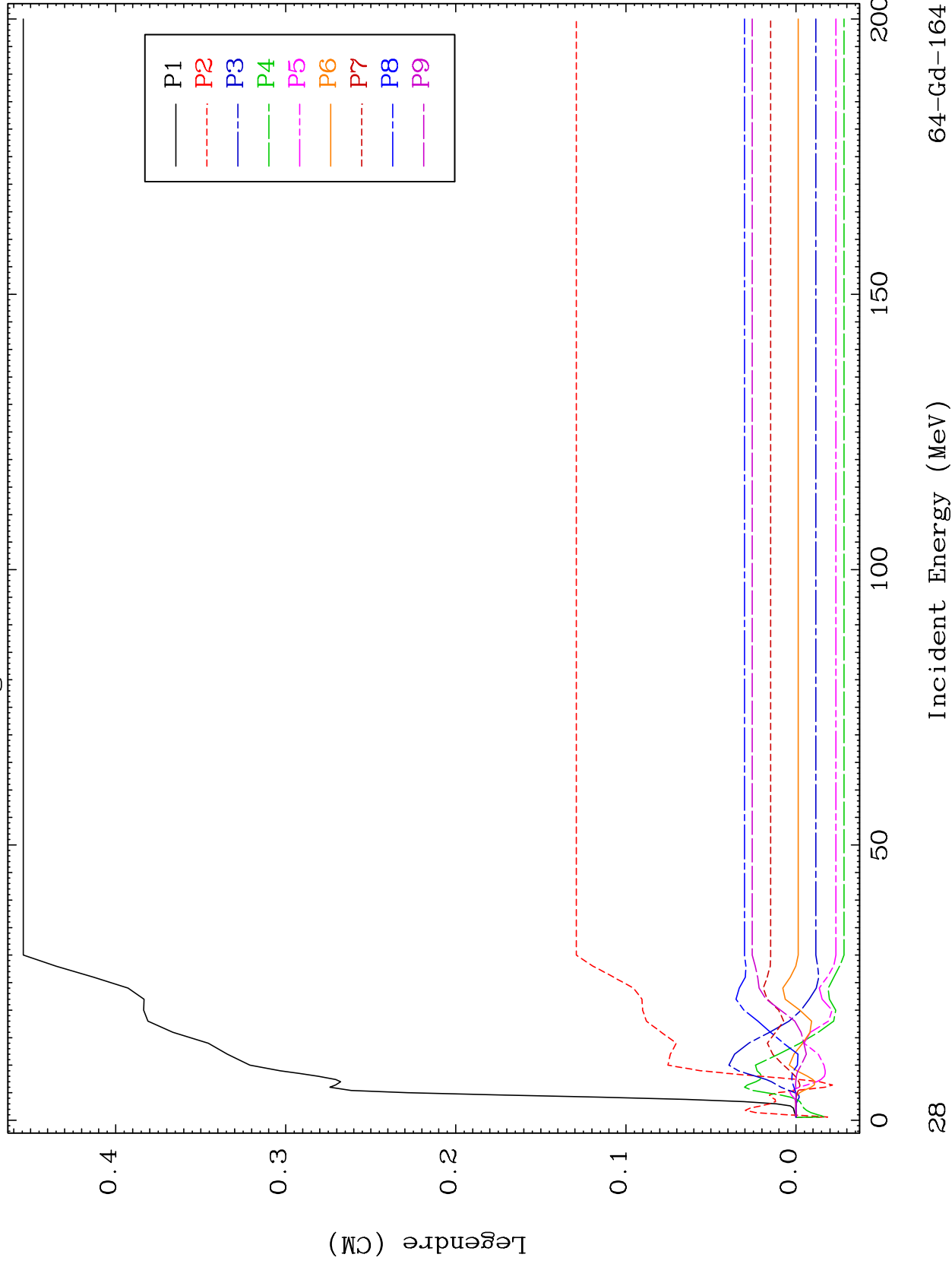
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

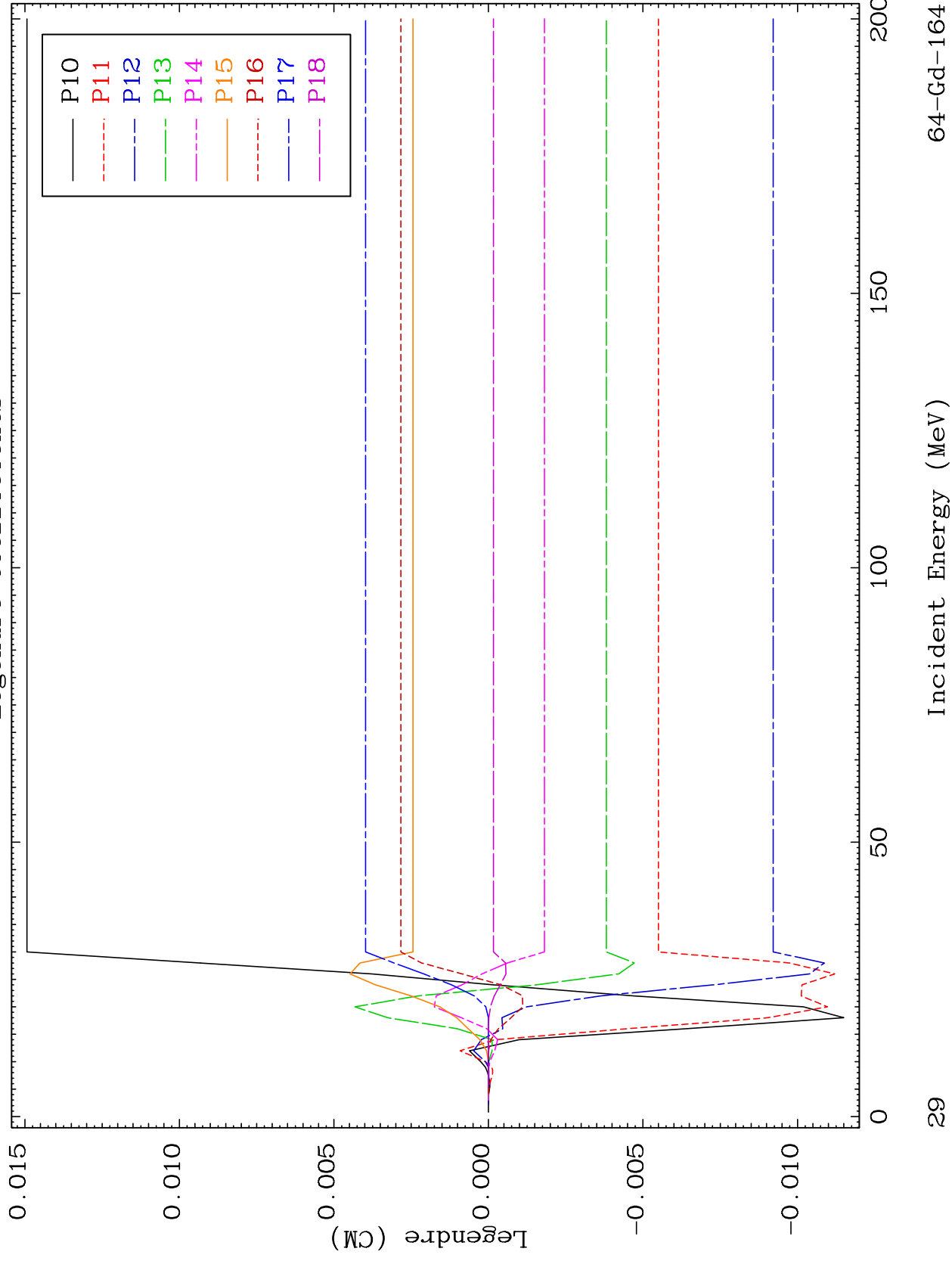
Incident Energy (MeV)

28

MAT 6461

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

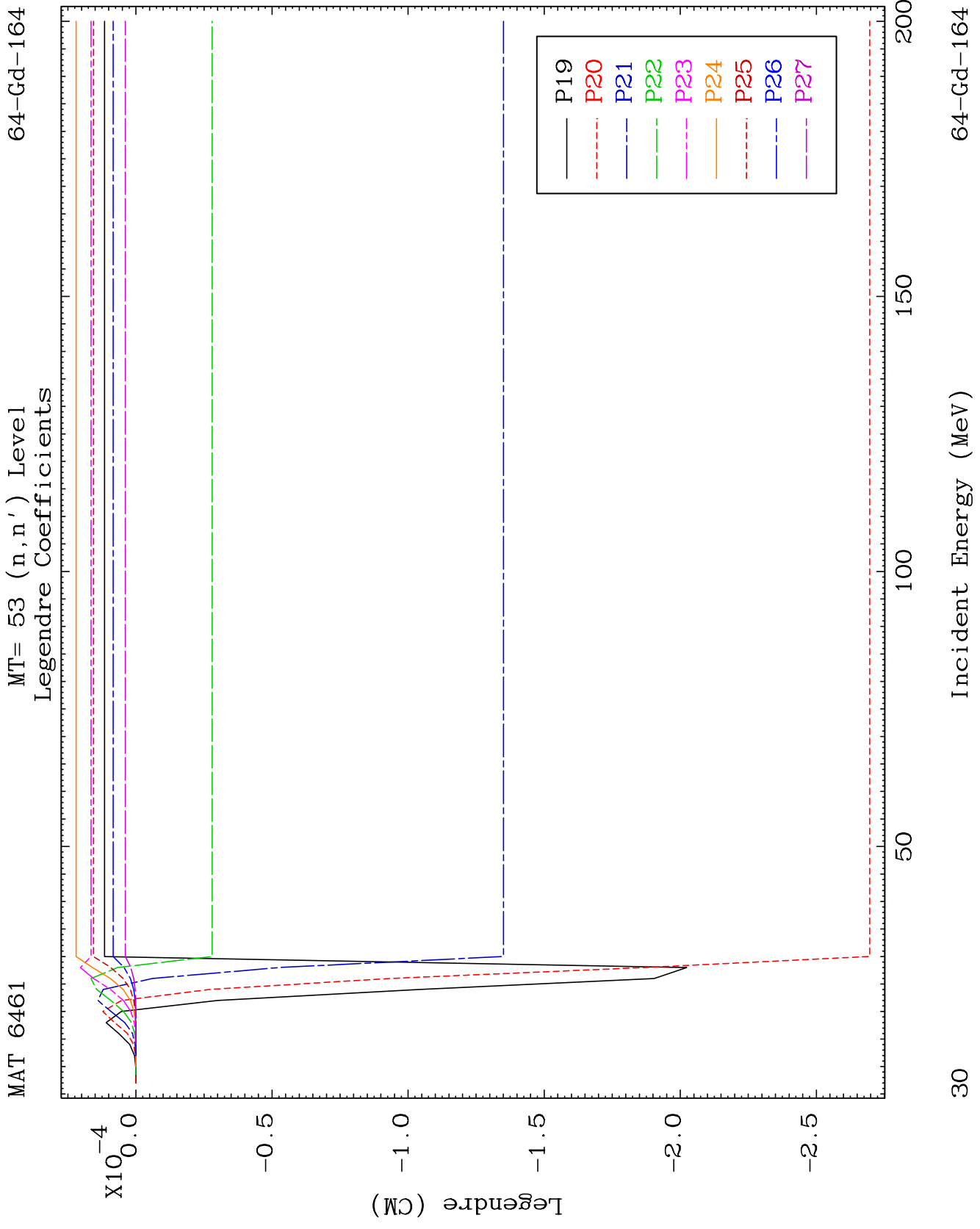
64-Gd-164



29

Incident Energy (MeV)

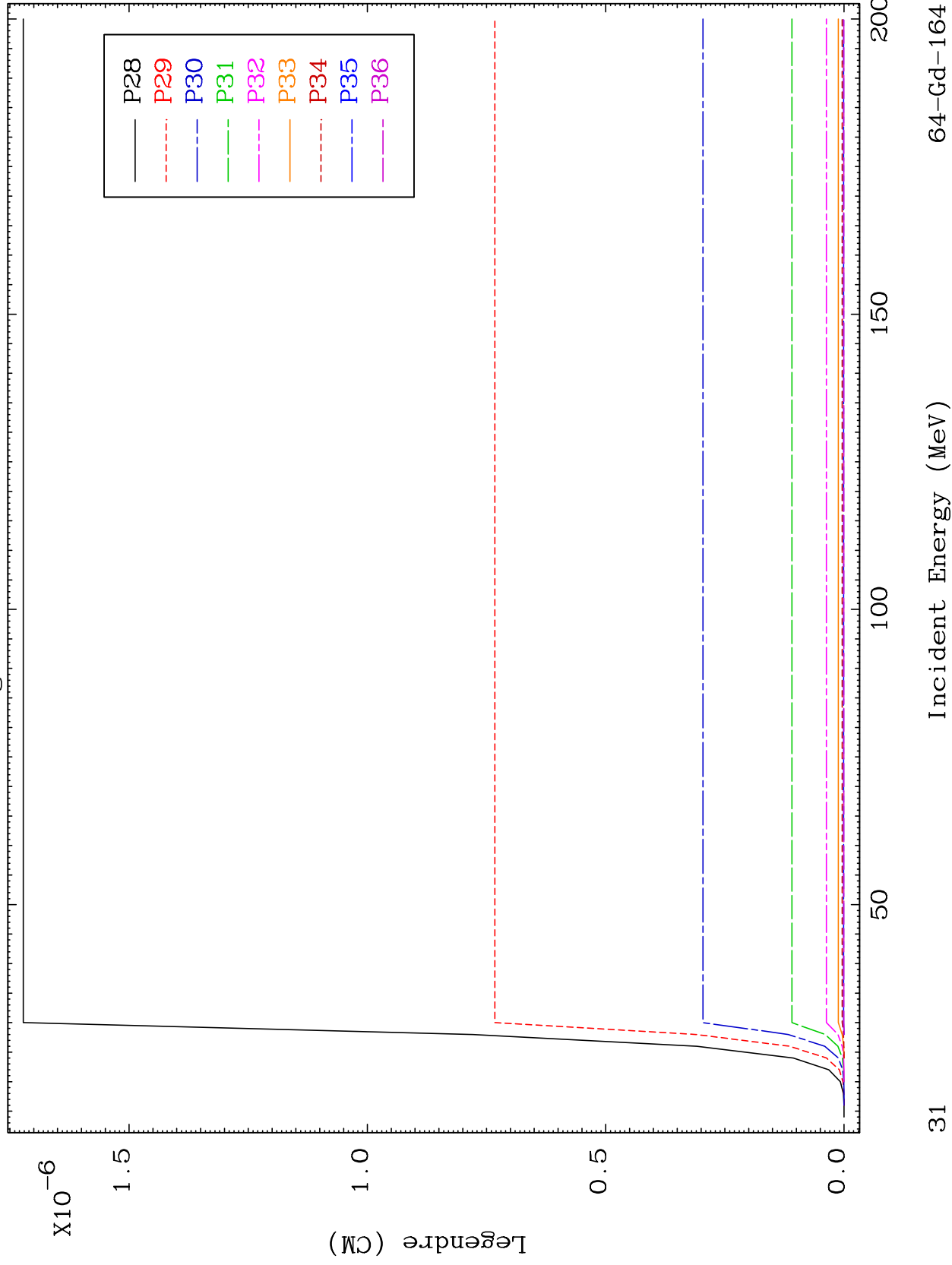
64-Gd-164



MAT 6461

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

64-Gd-164



31

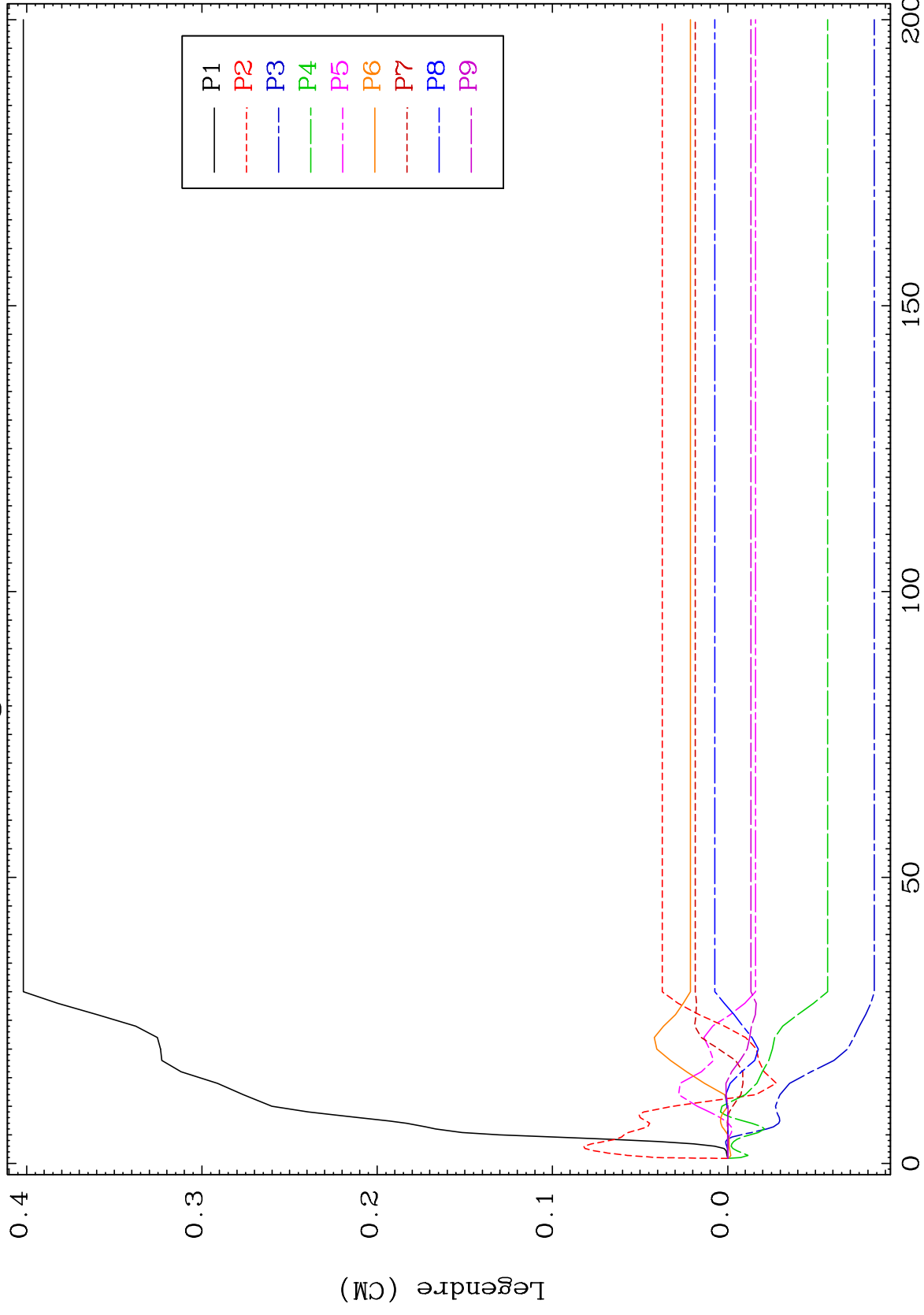
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

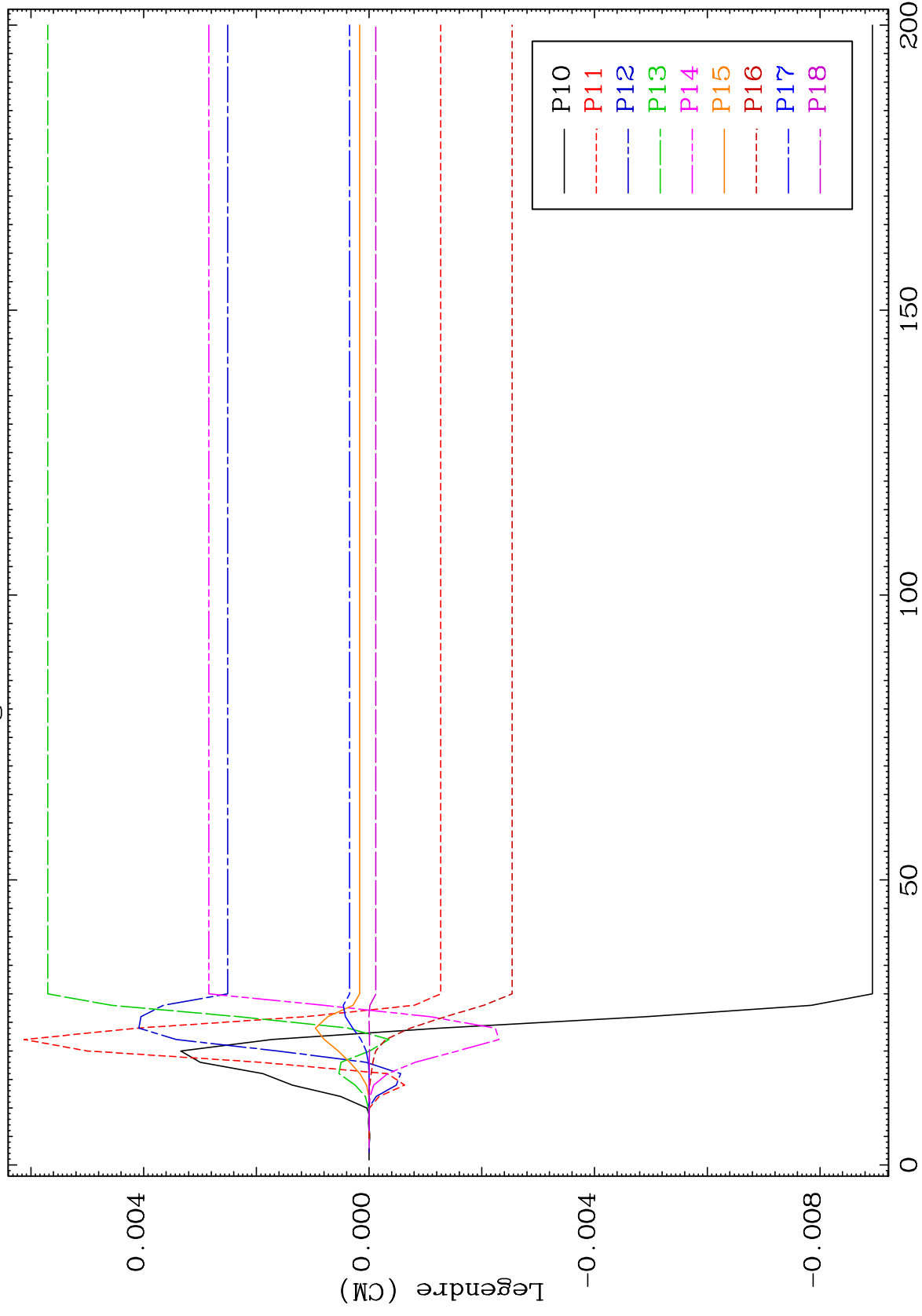
Incident Energy (MeV)

32

MAT 6461

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

64-Gd-164



33

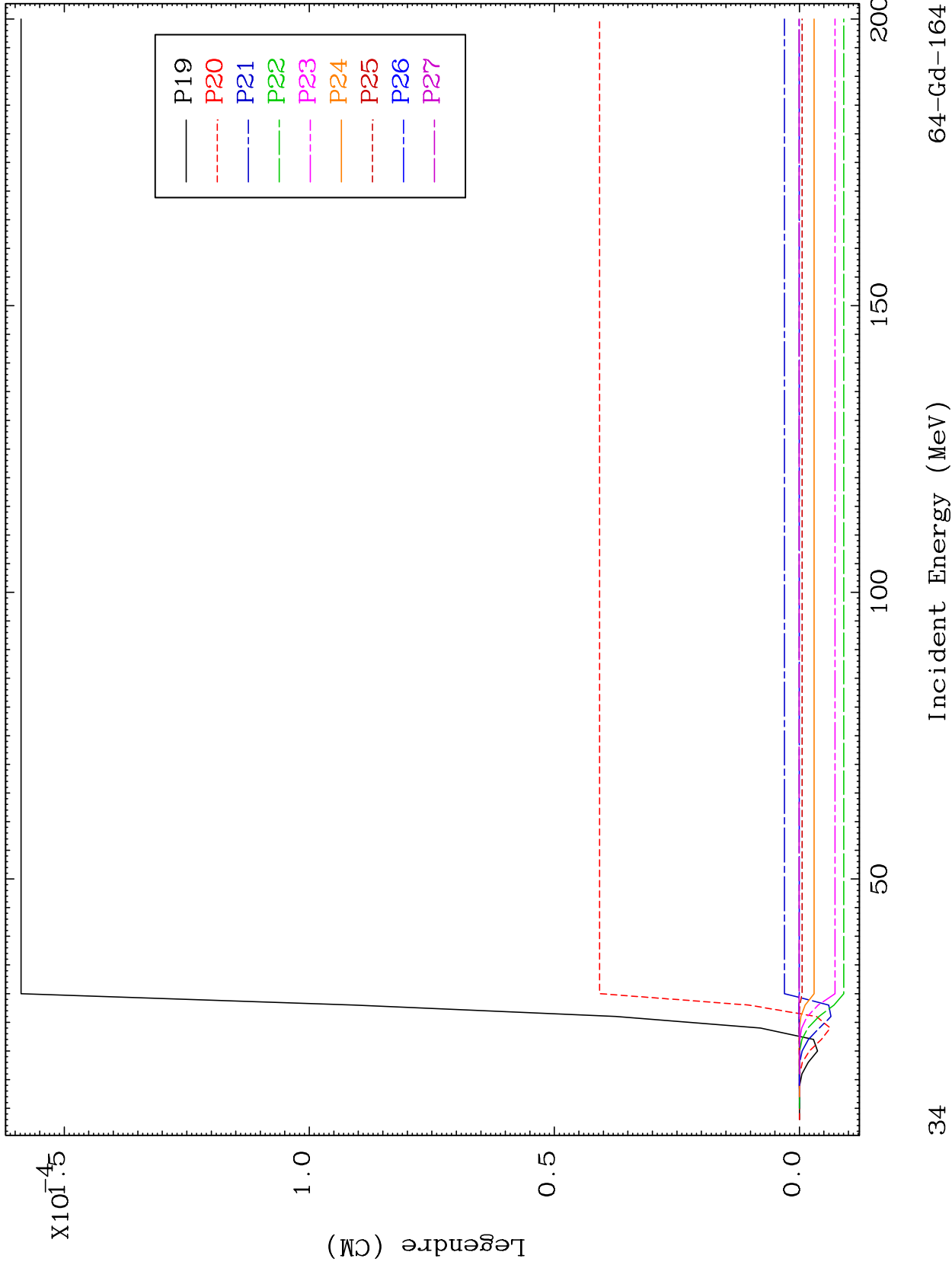
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

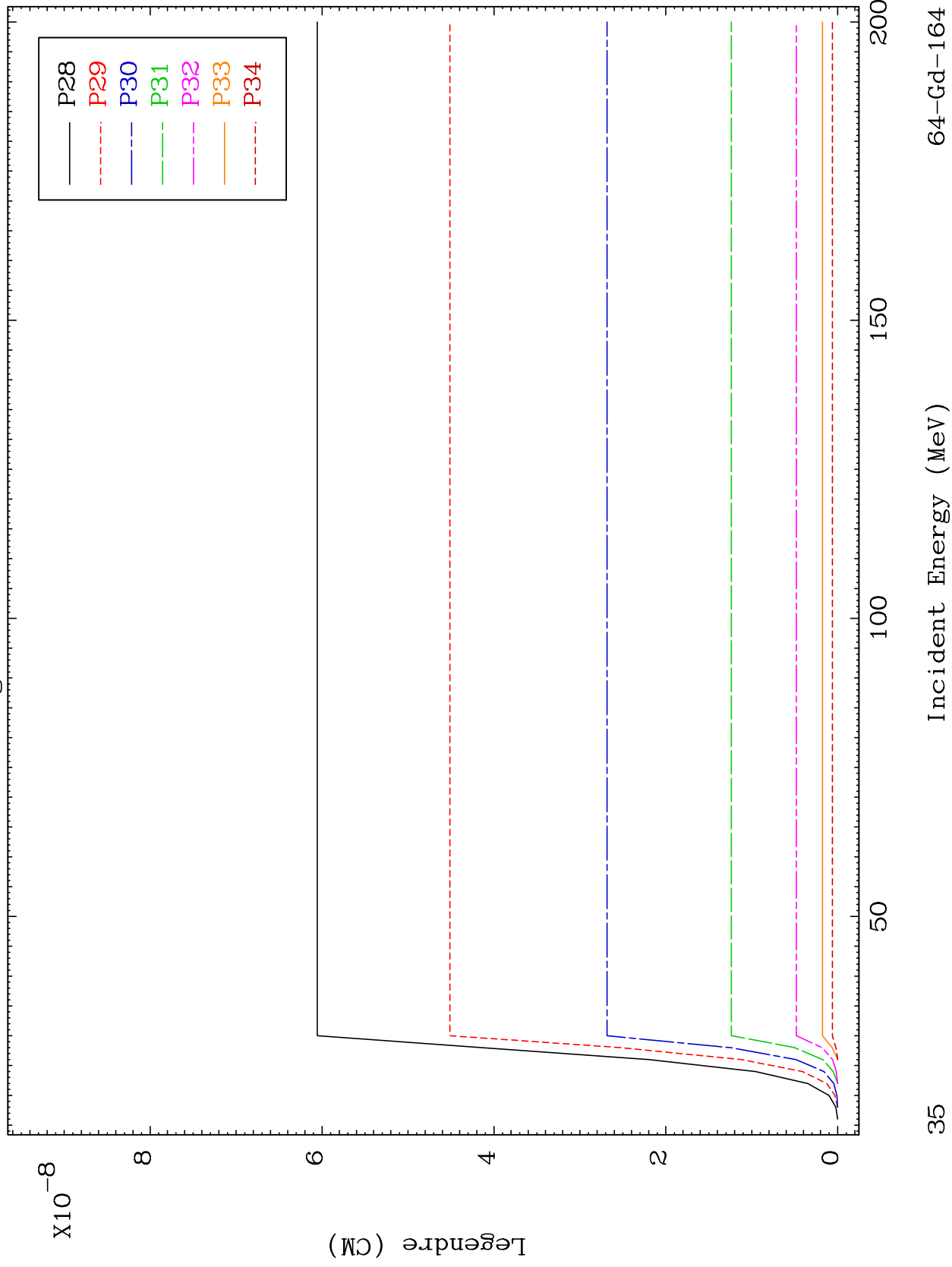


34

MAT 6461

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

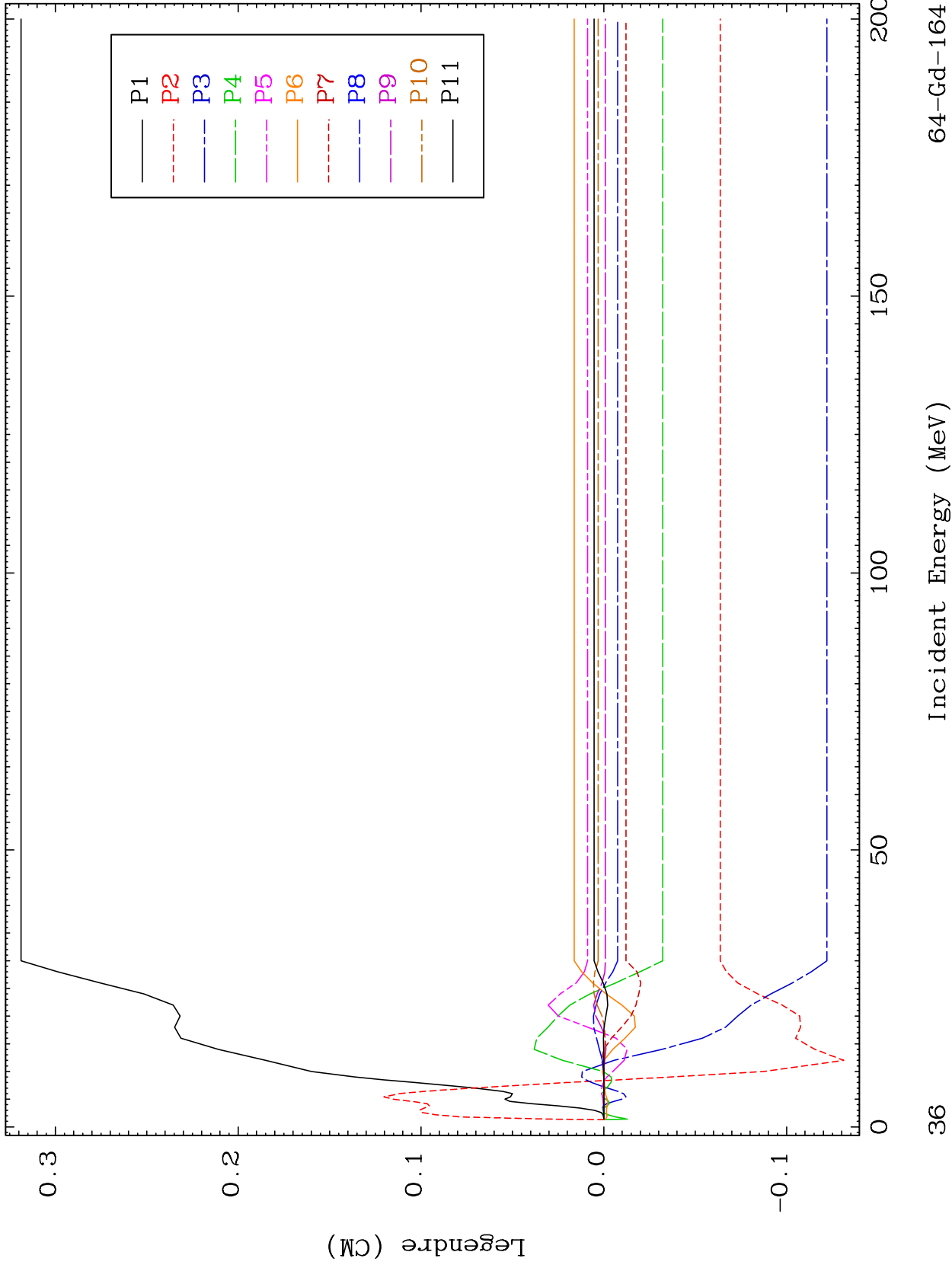
64-Gd-164



MAT 6461

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

64-Gd-164



36

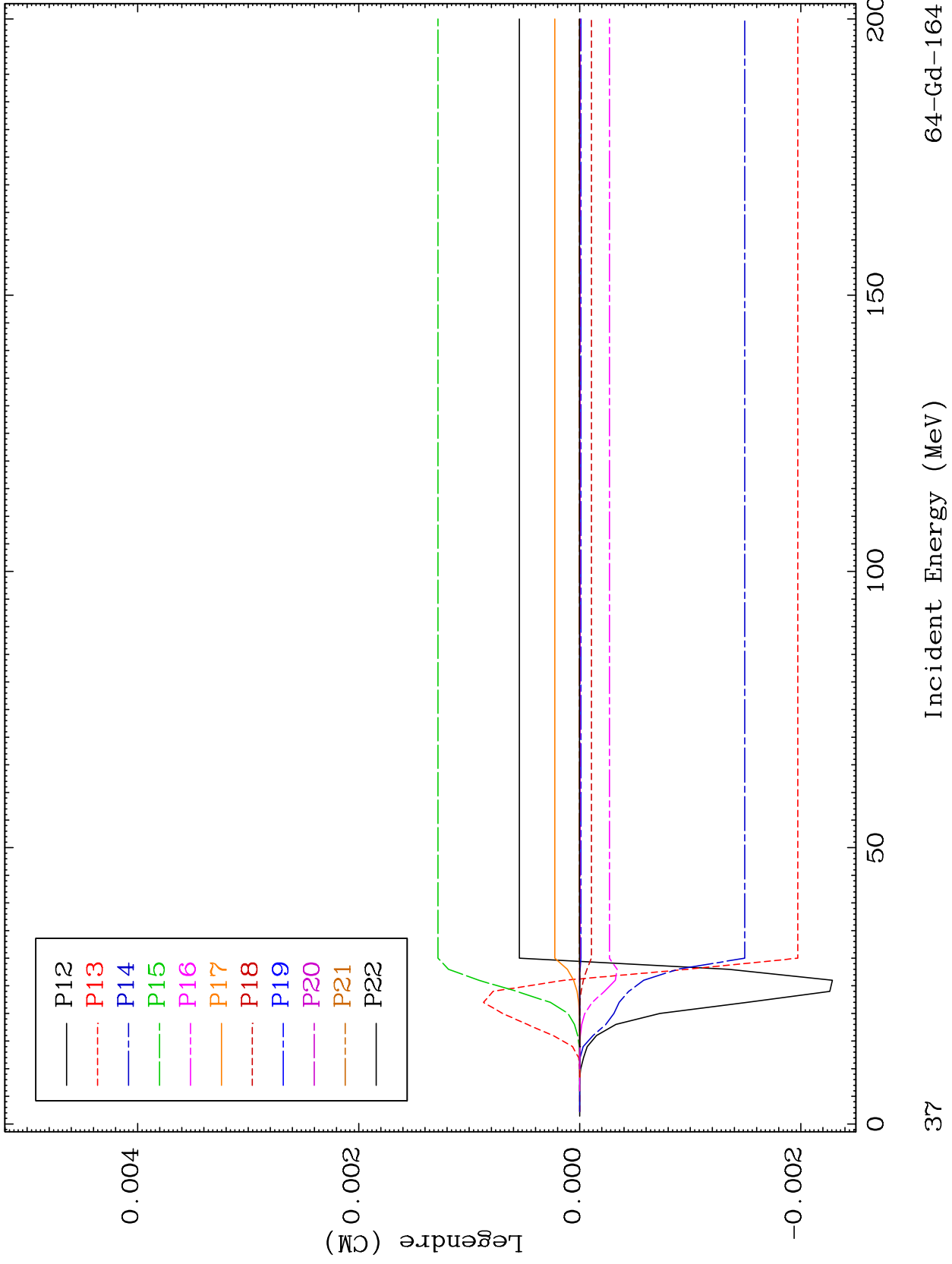
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



37

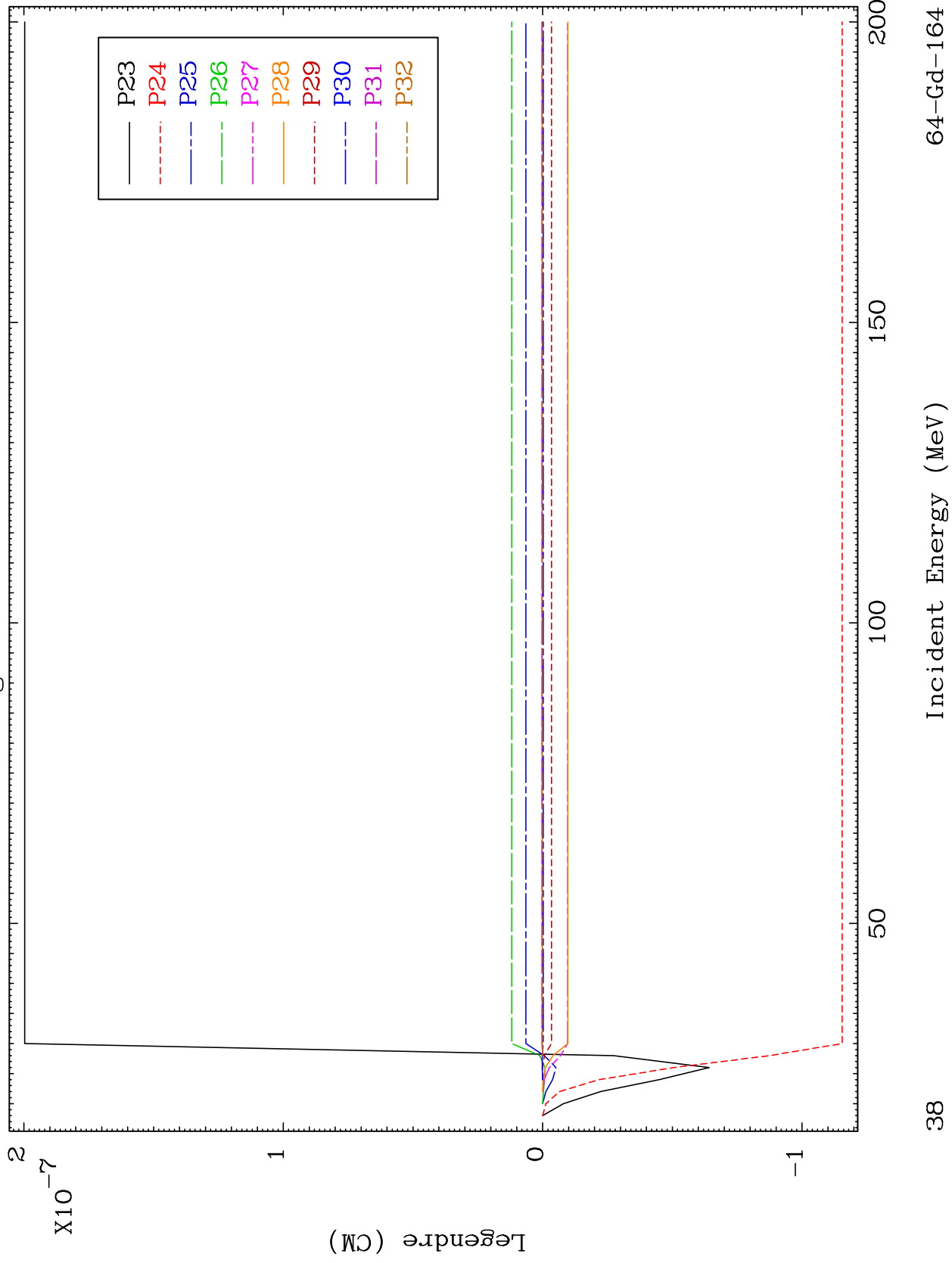
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

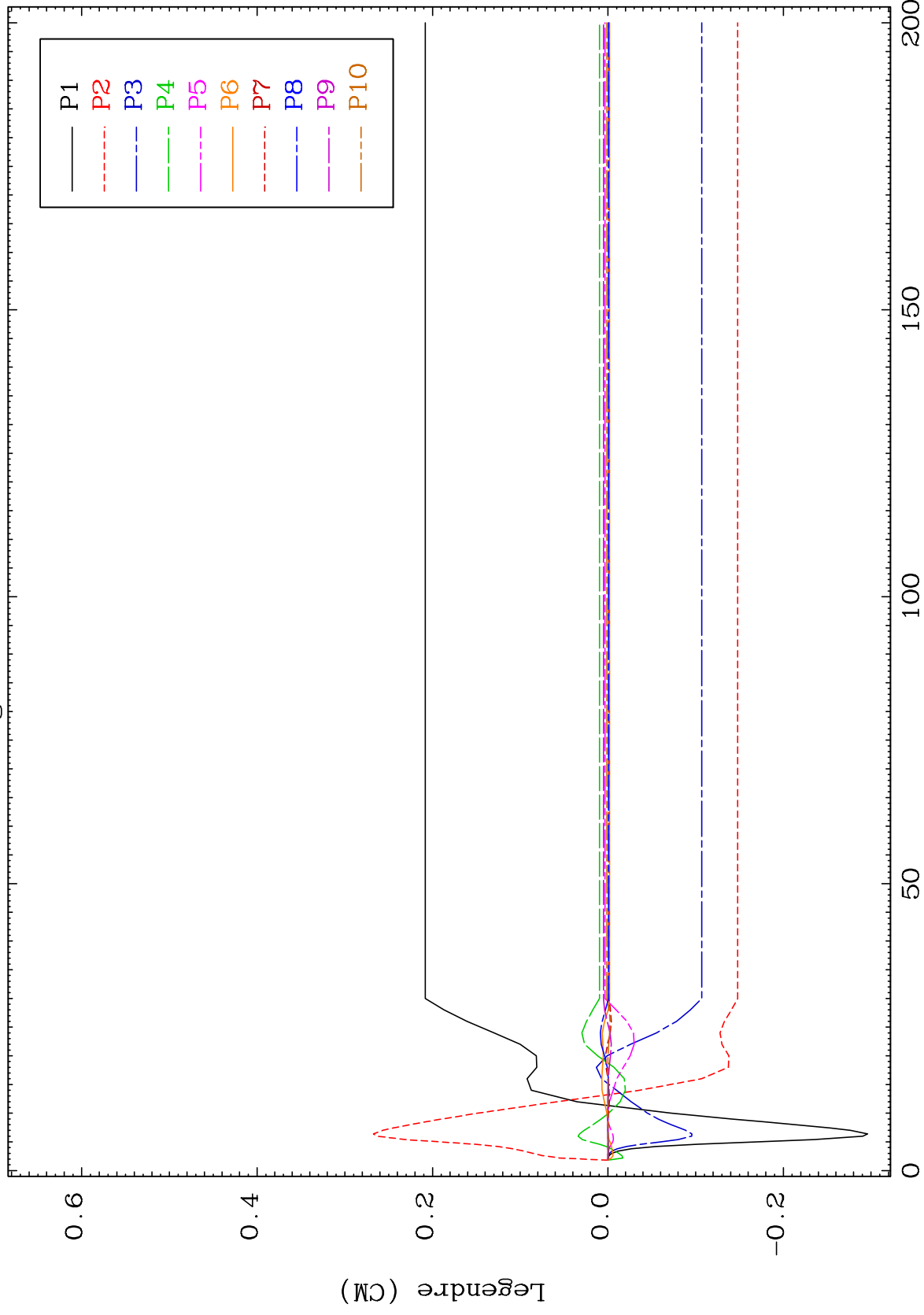
64-Gd-164



MAT 6461

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

64-Gd-164



39

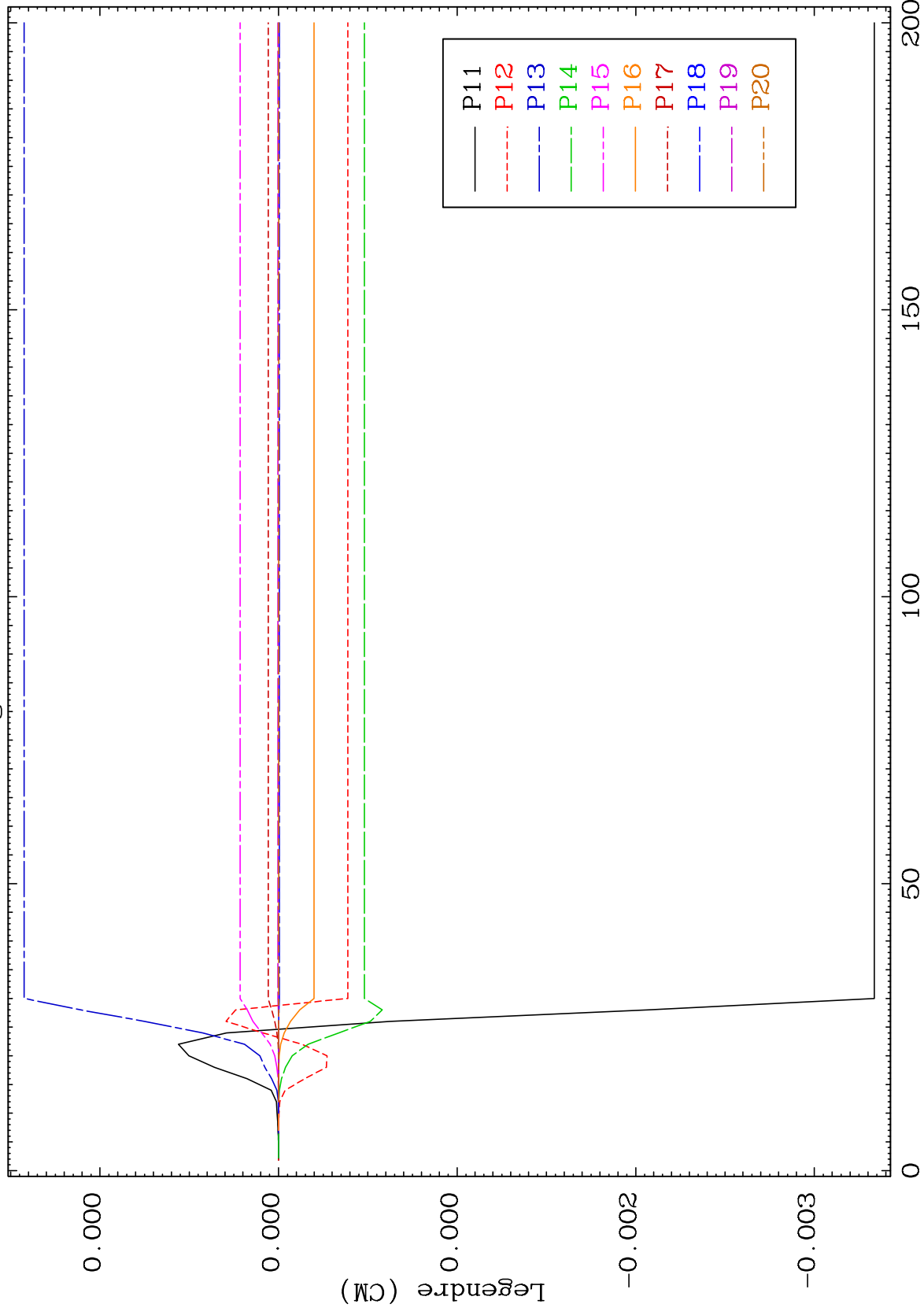
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



40

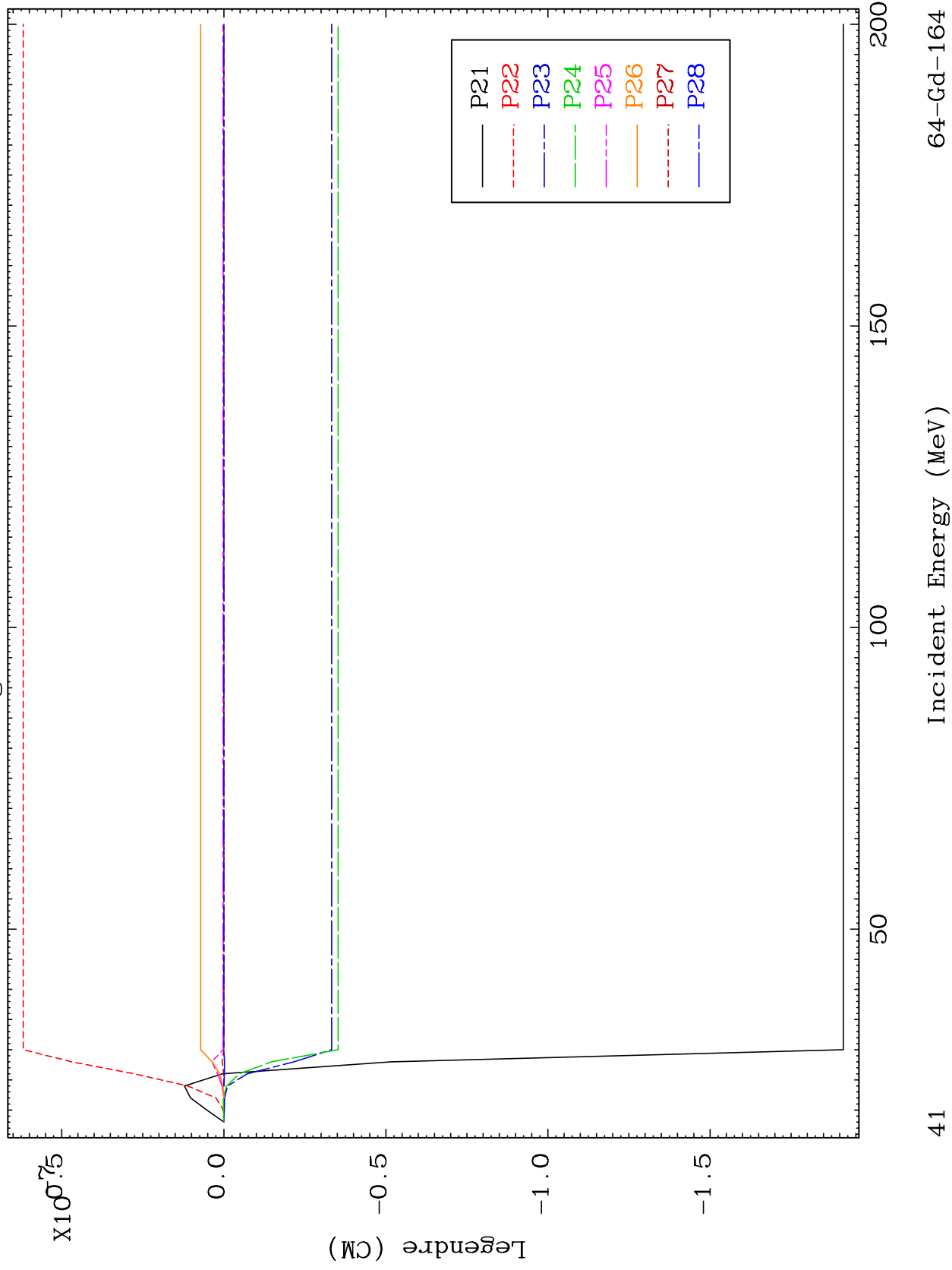
Incident Energy (MeV)

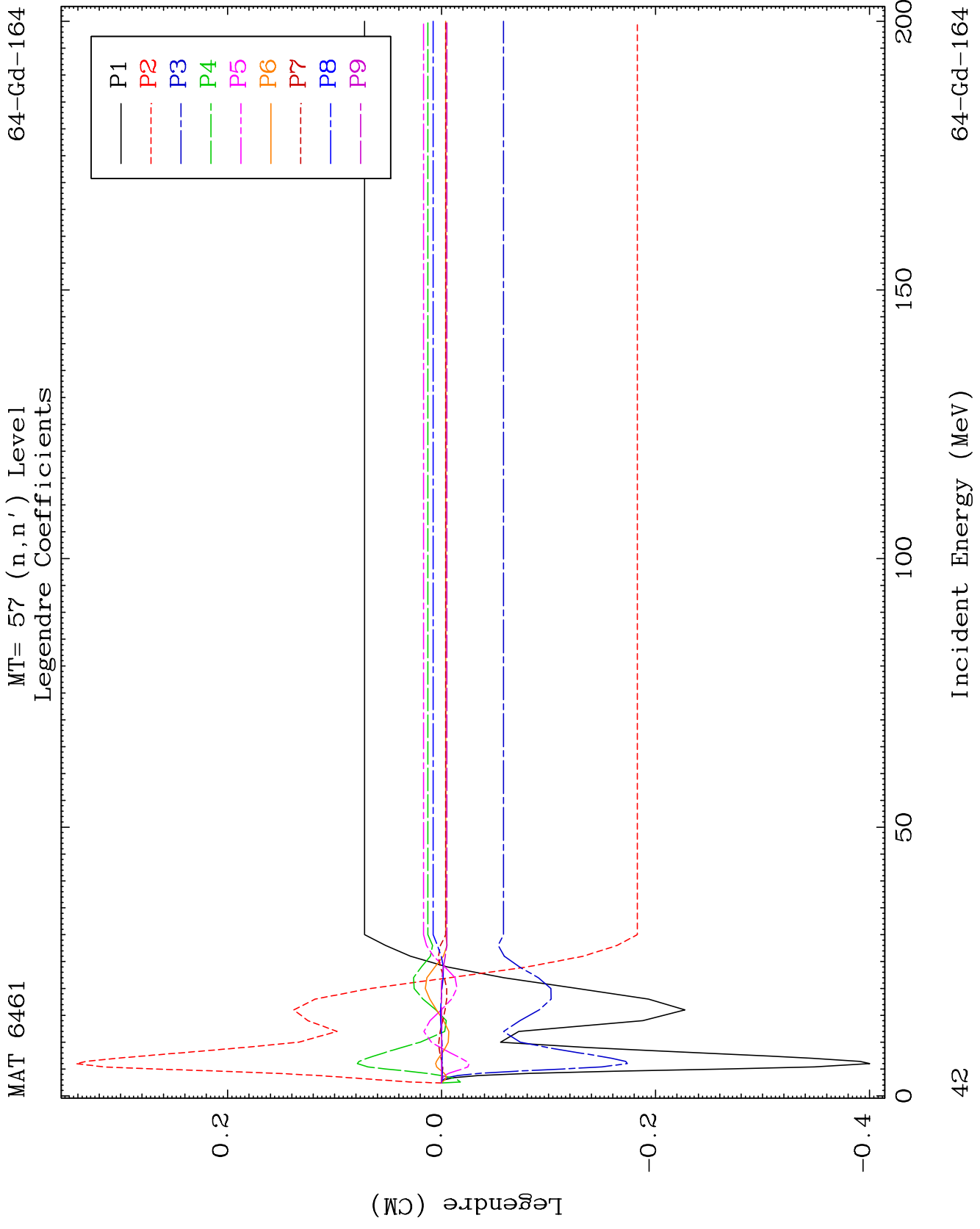
64-Gd-164

MAT 6461

64-Gd-164

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

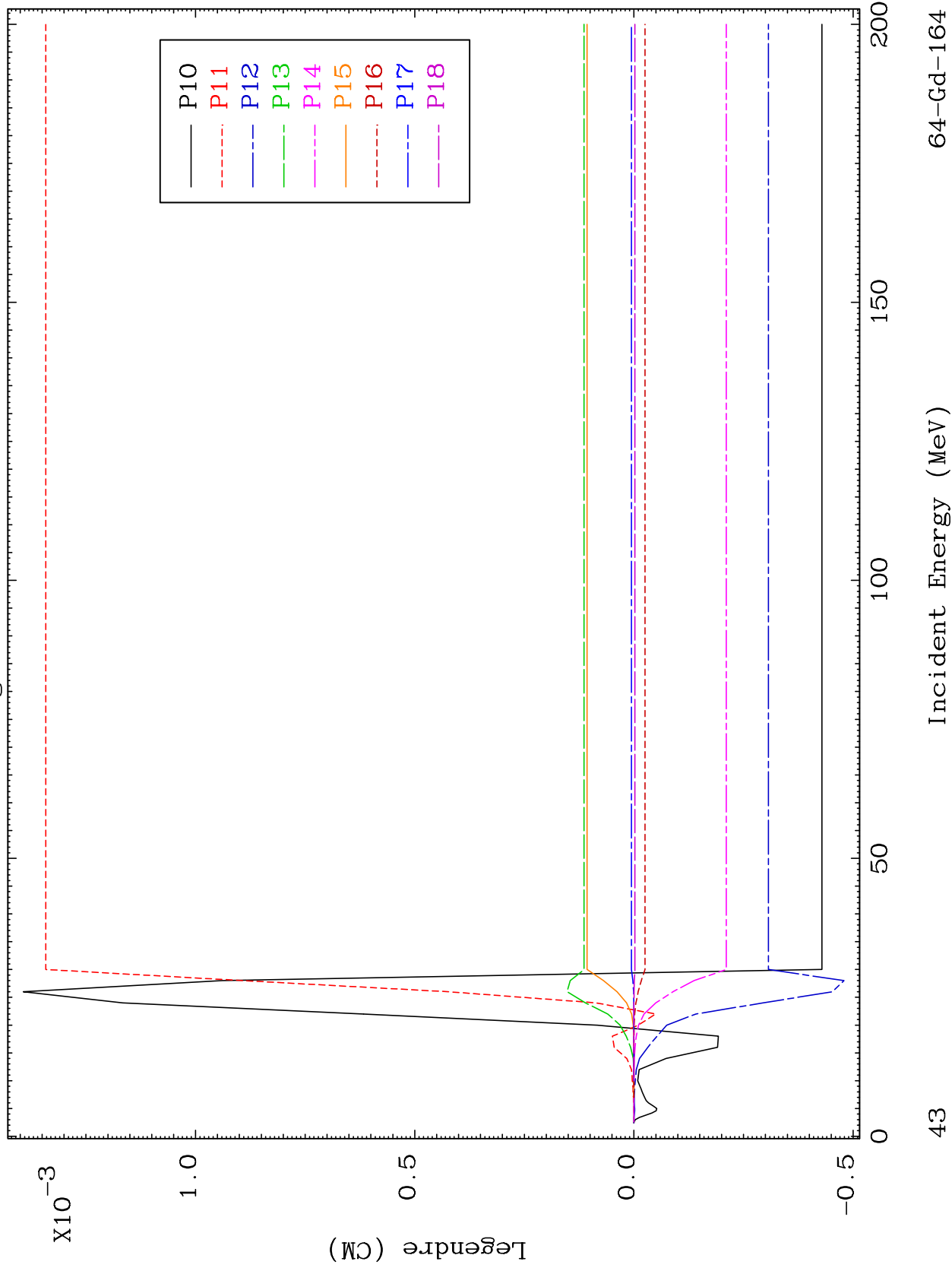




MAT 6461

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

64-Gd-164



43

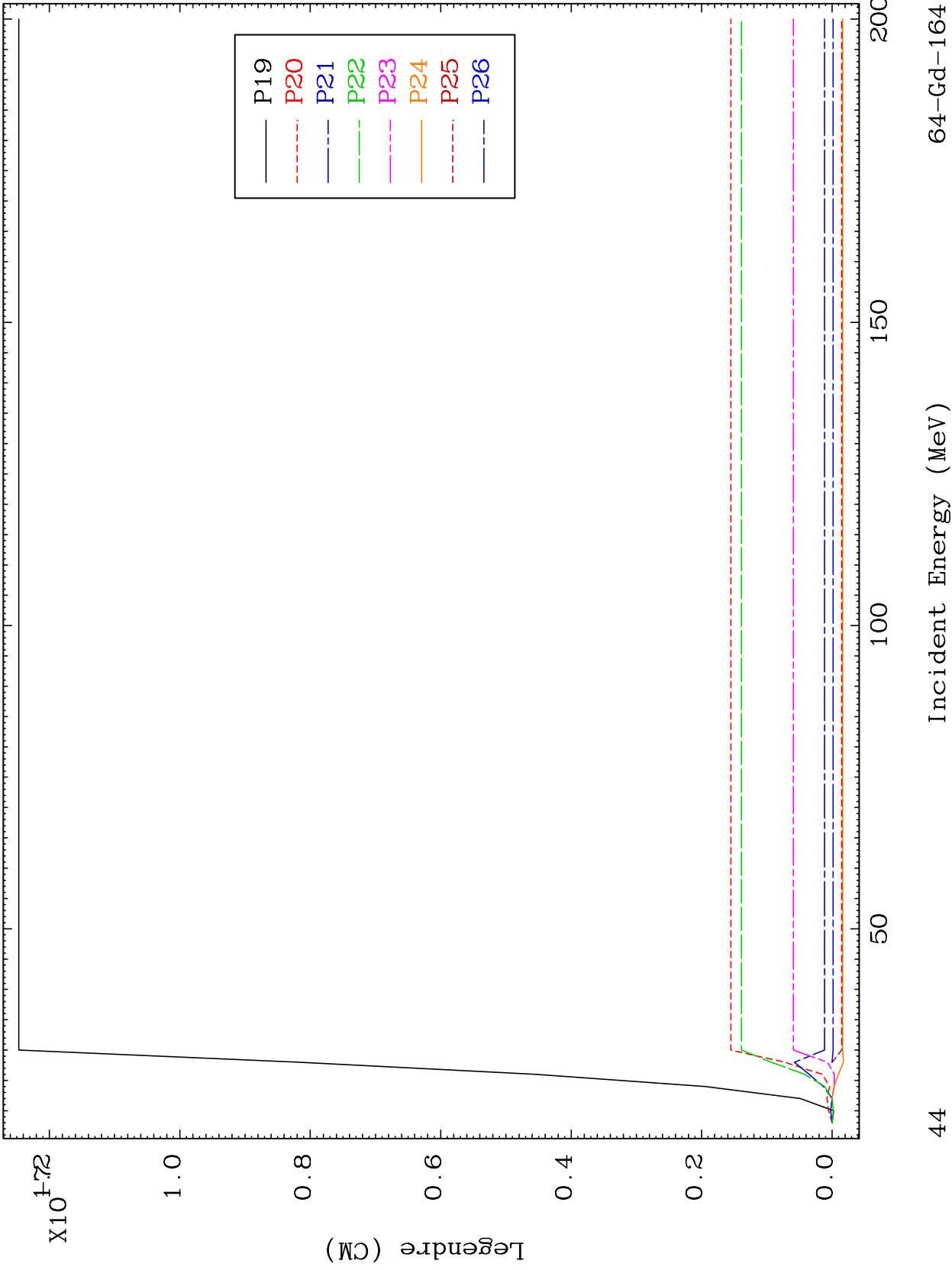
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



44

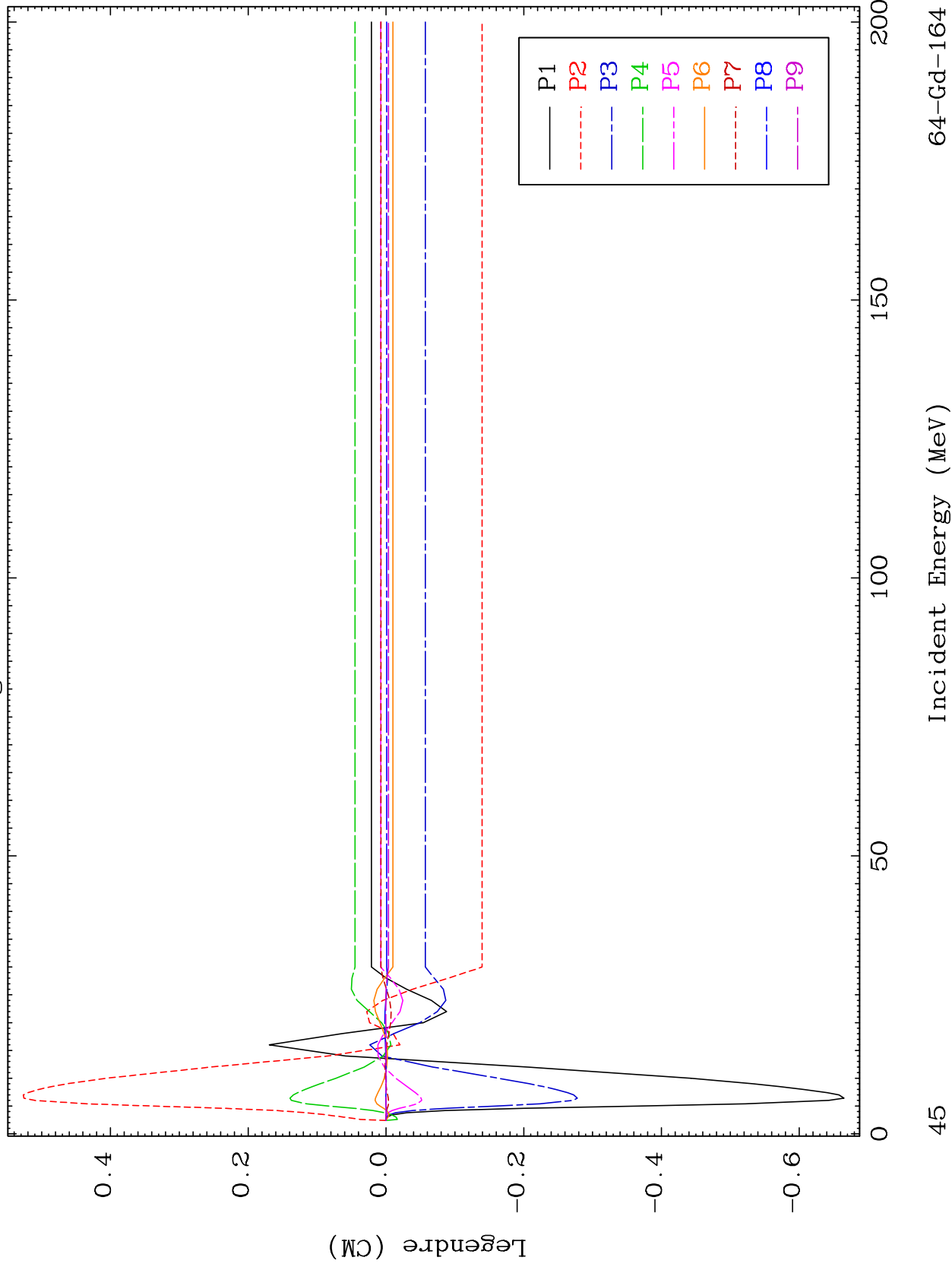
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

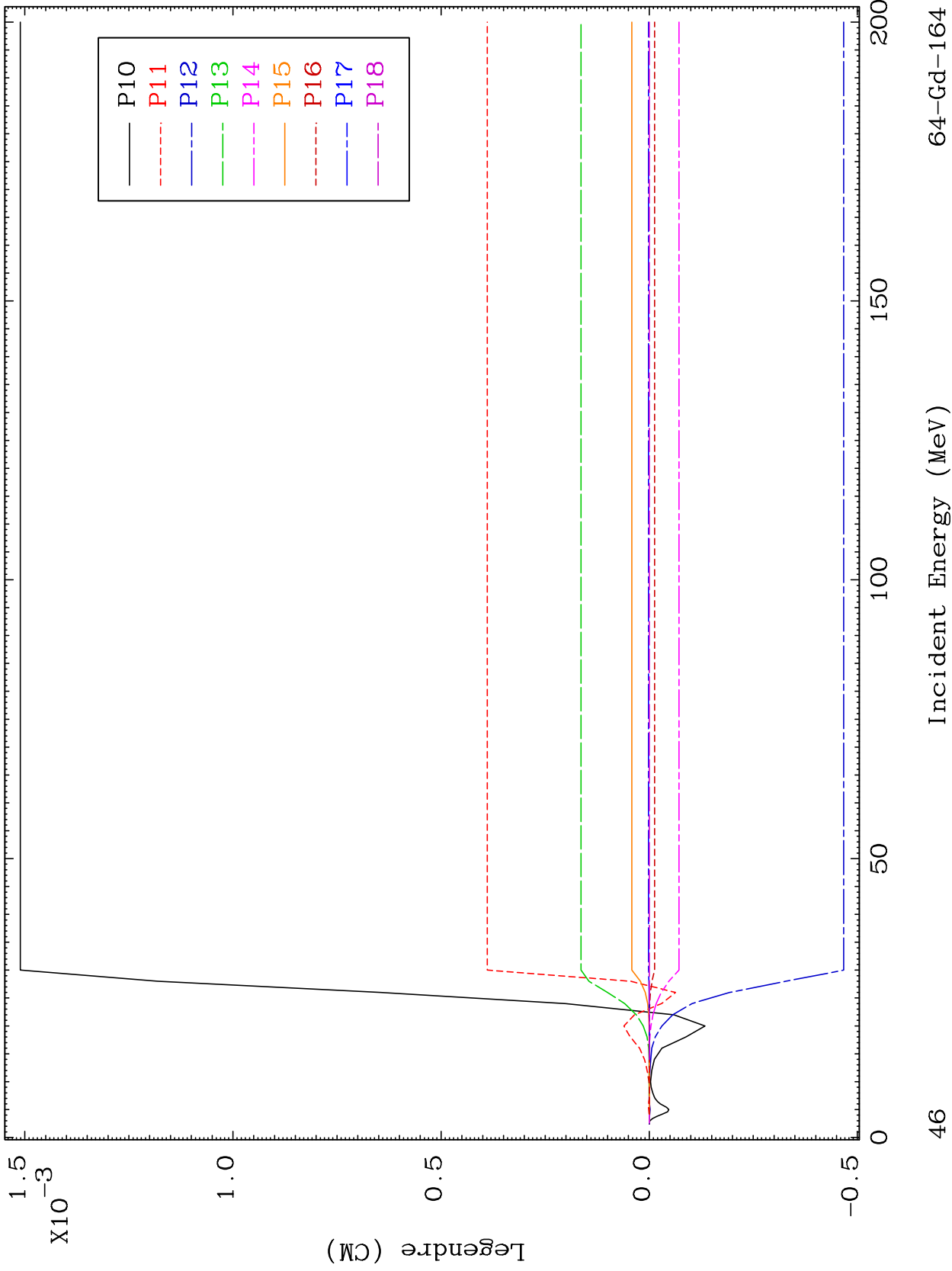
Incident Energy (MeV)

45

MAT 6461

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

64-Gd-164



46

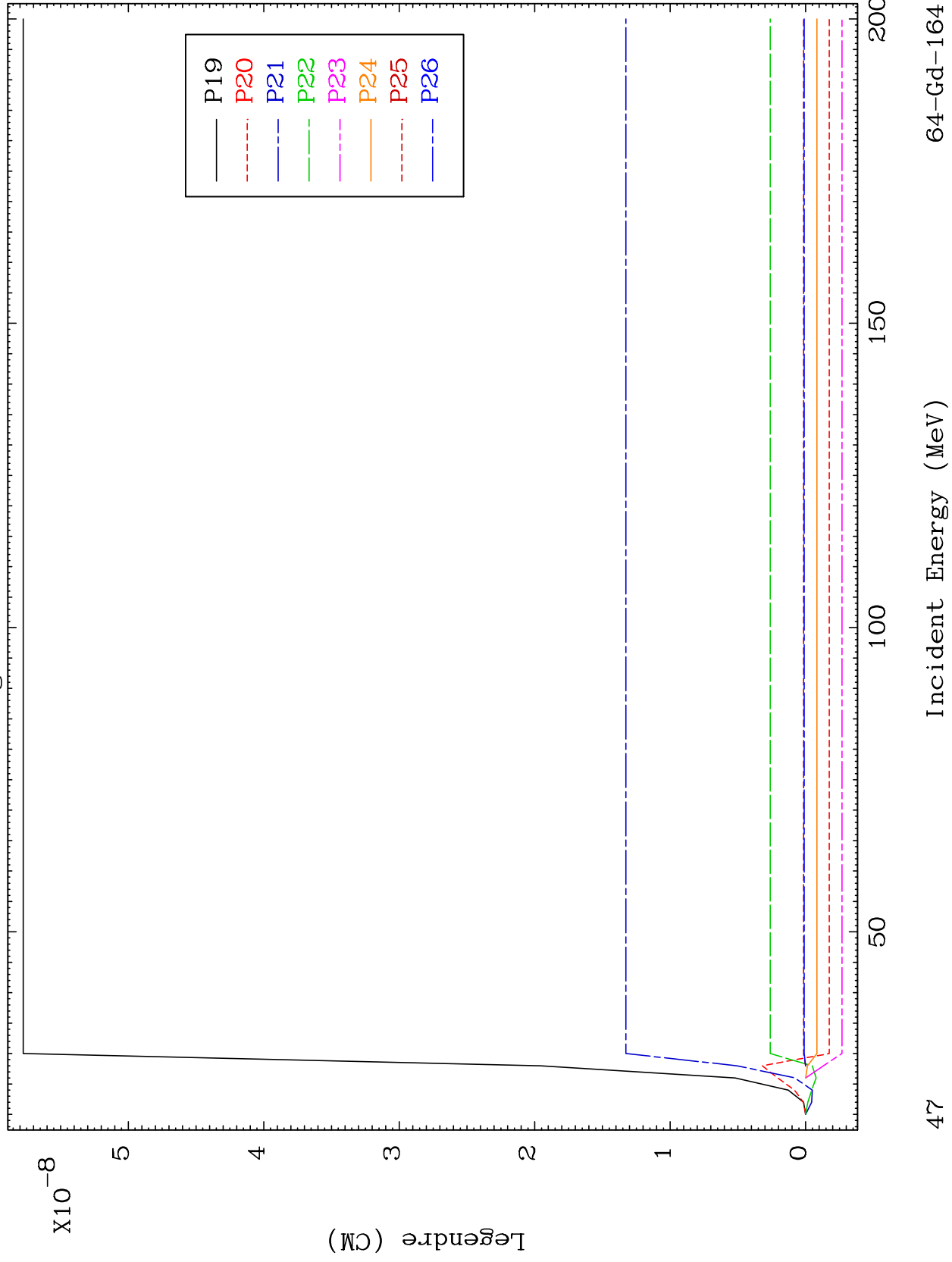
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

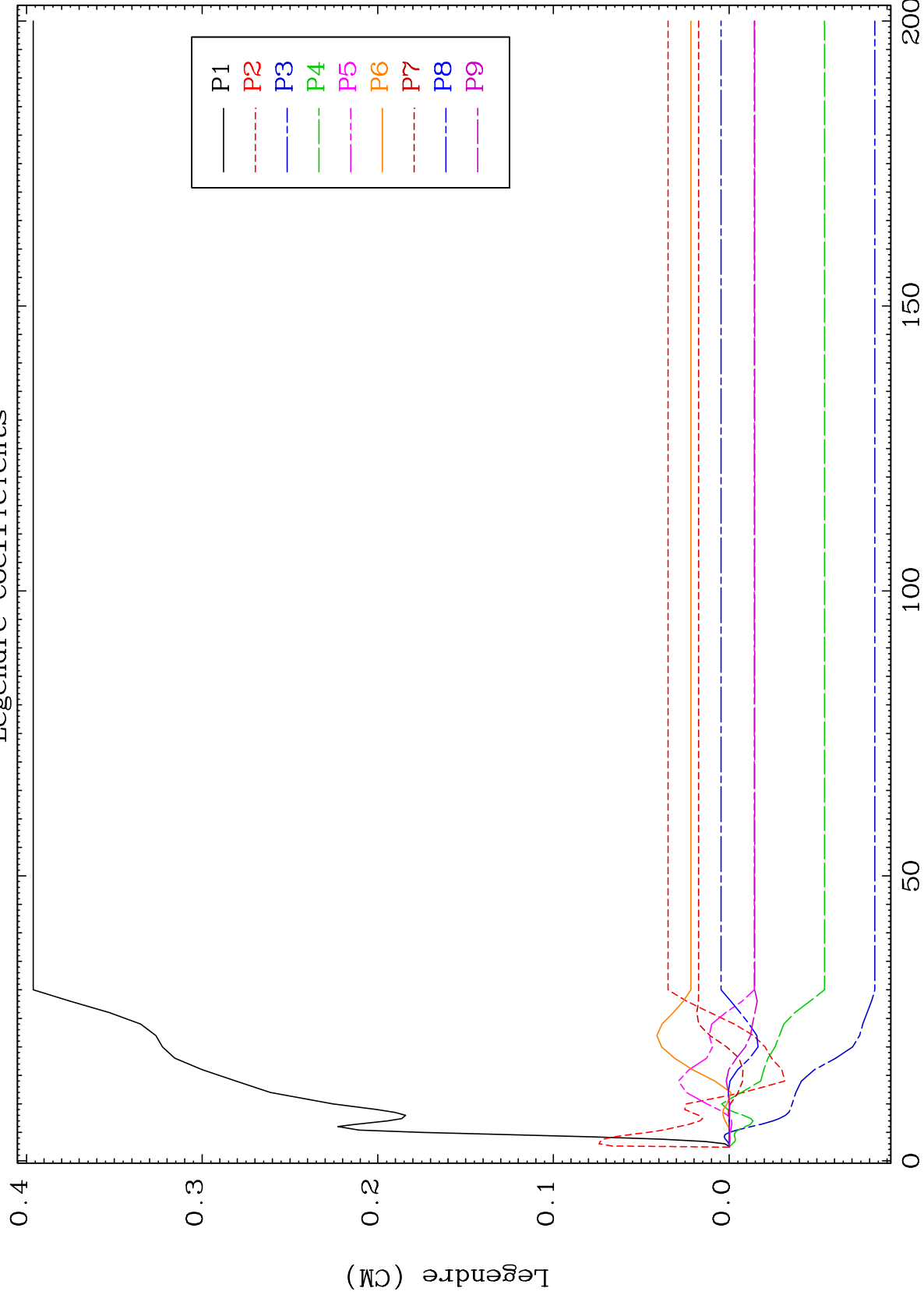
64-Gd-164



MAT 6461

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

64-Gd-164



48

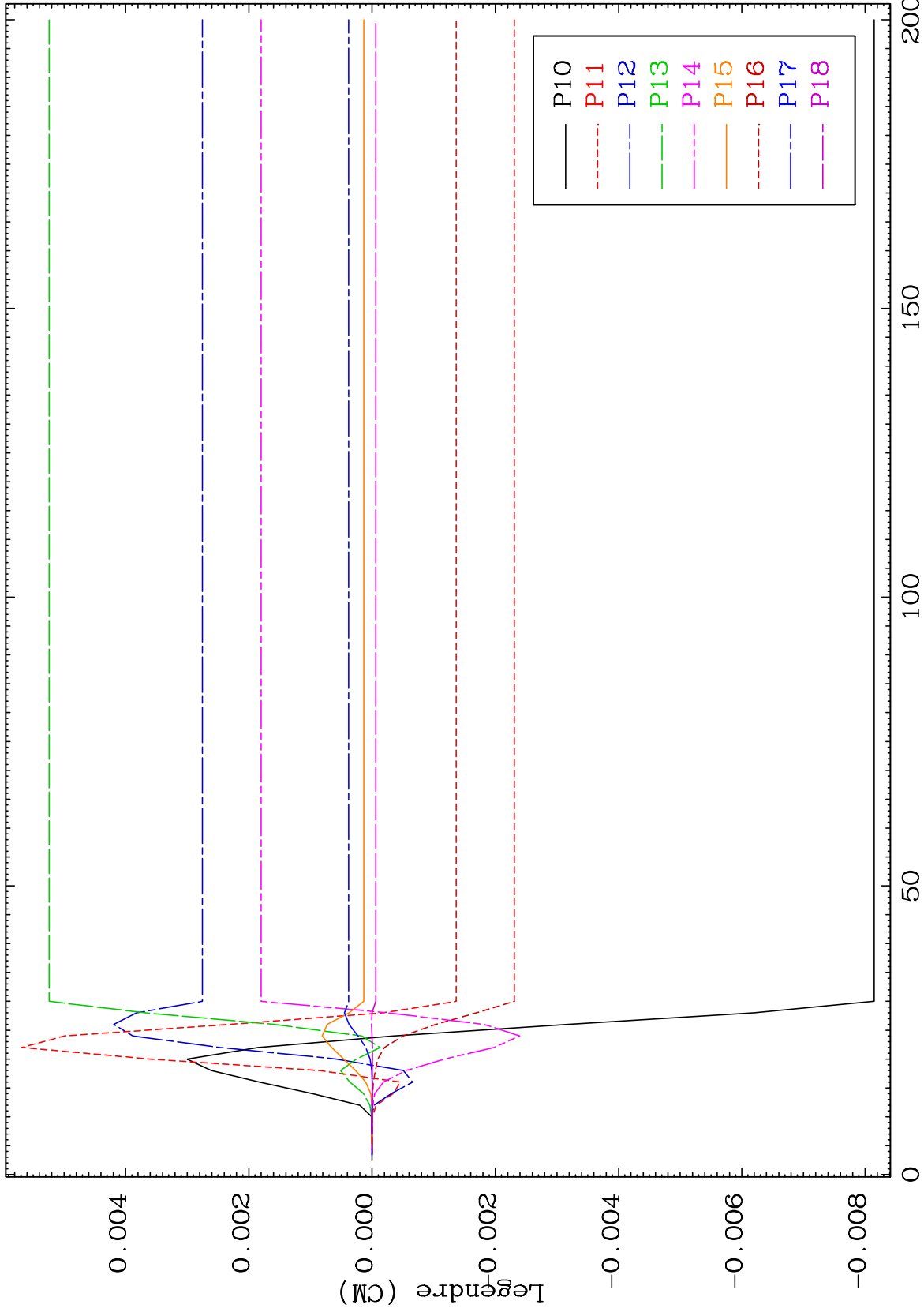
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



49

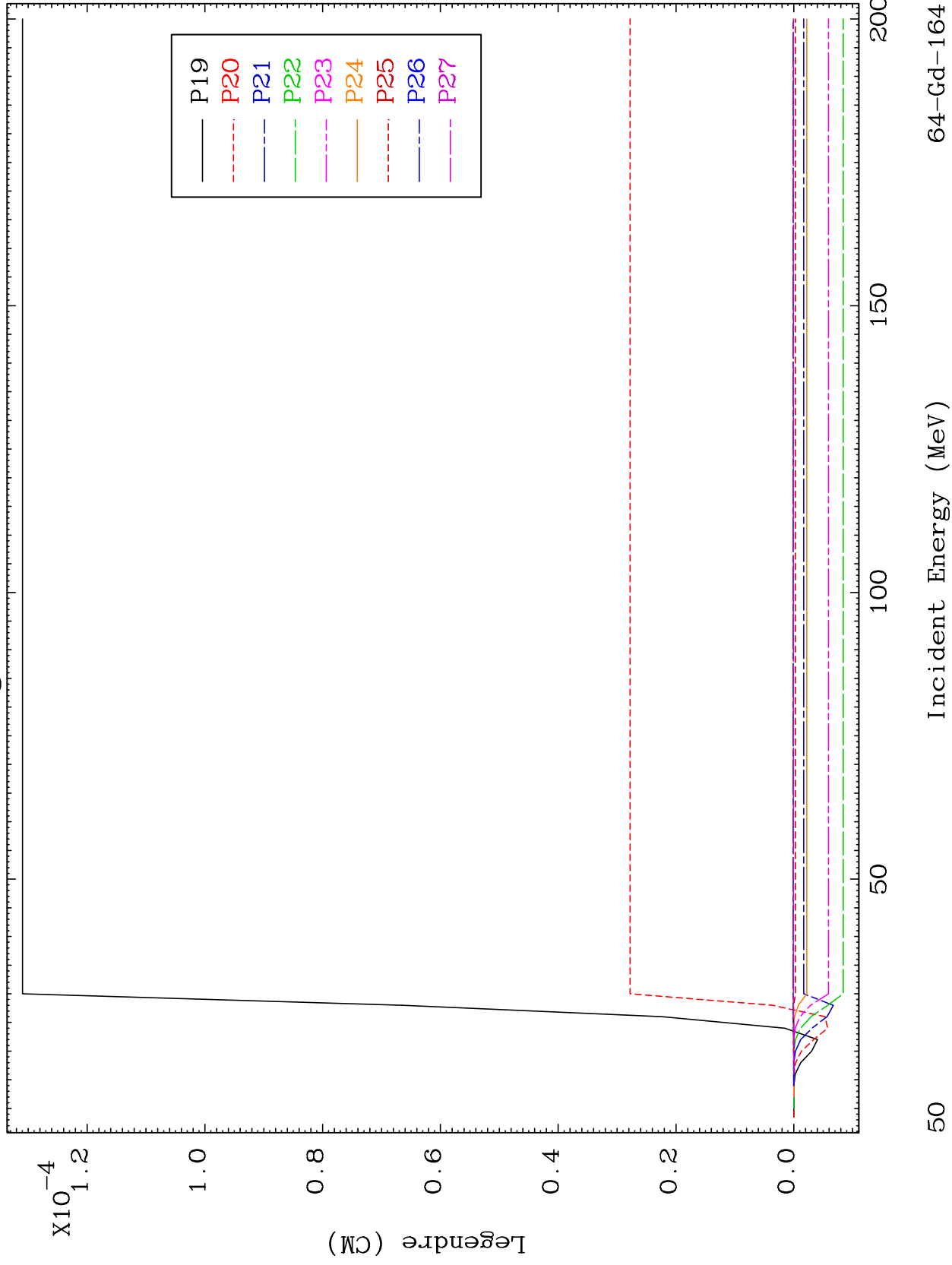
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

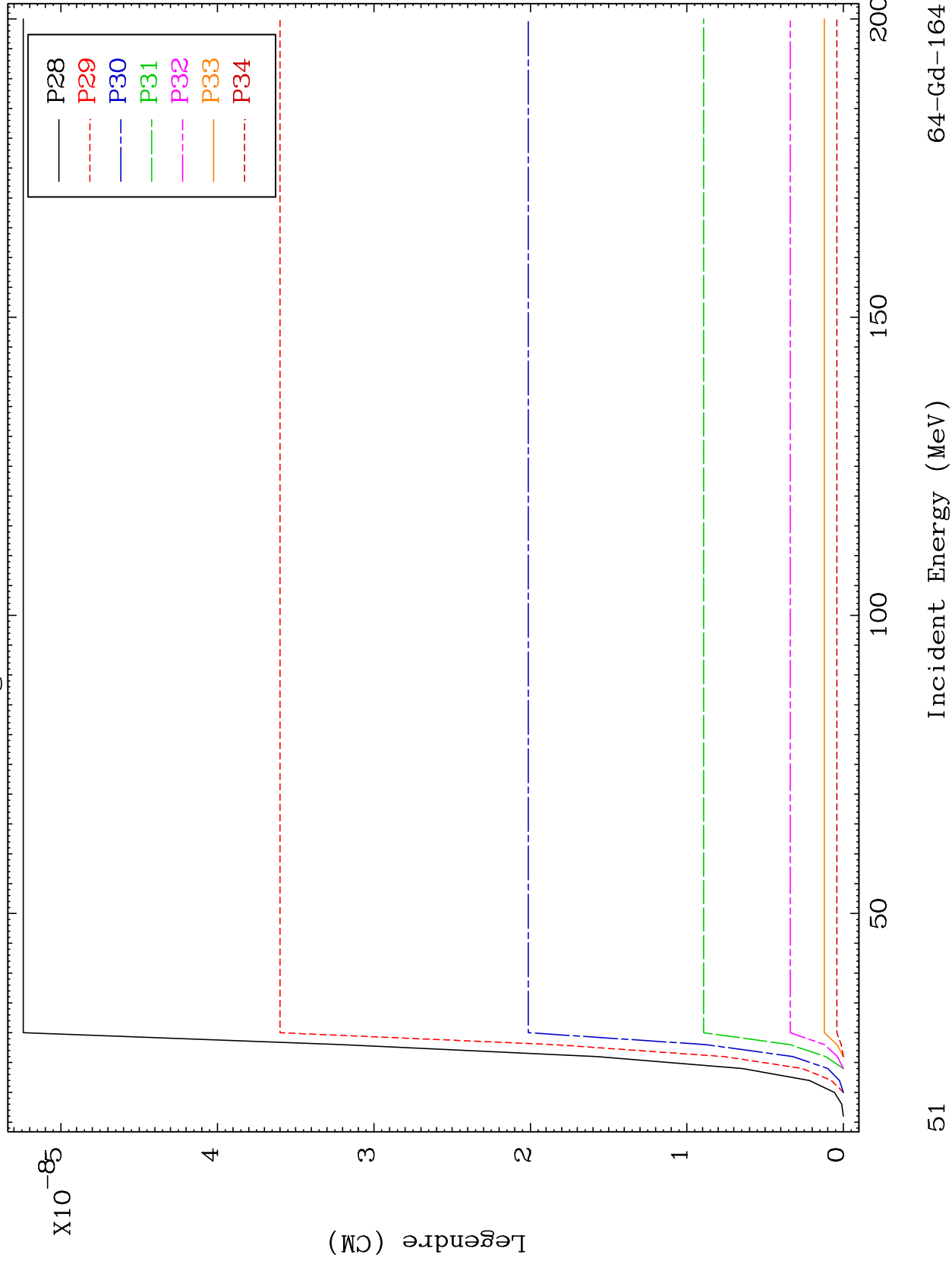
Incident Energy (MeV)

50

MAT 6461

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

64-Gd-164



51

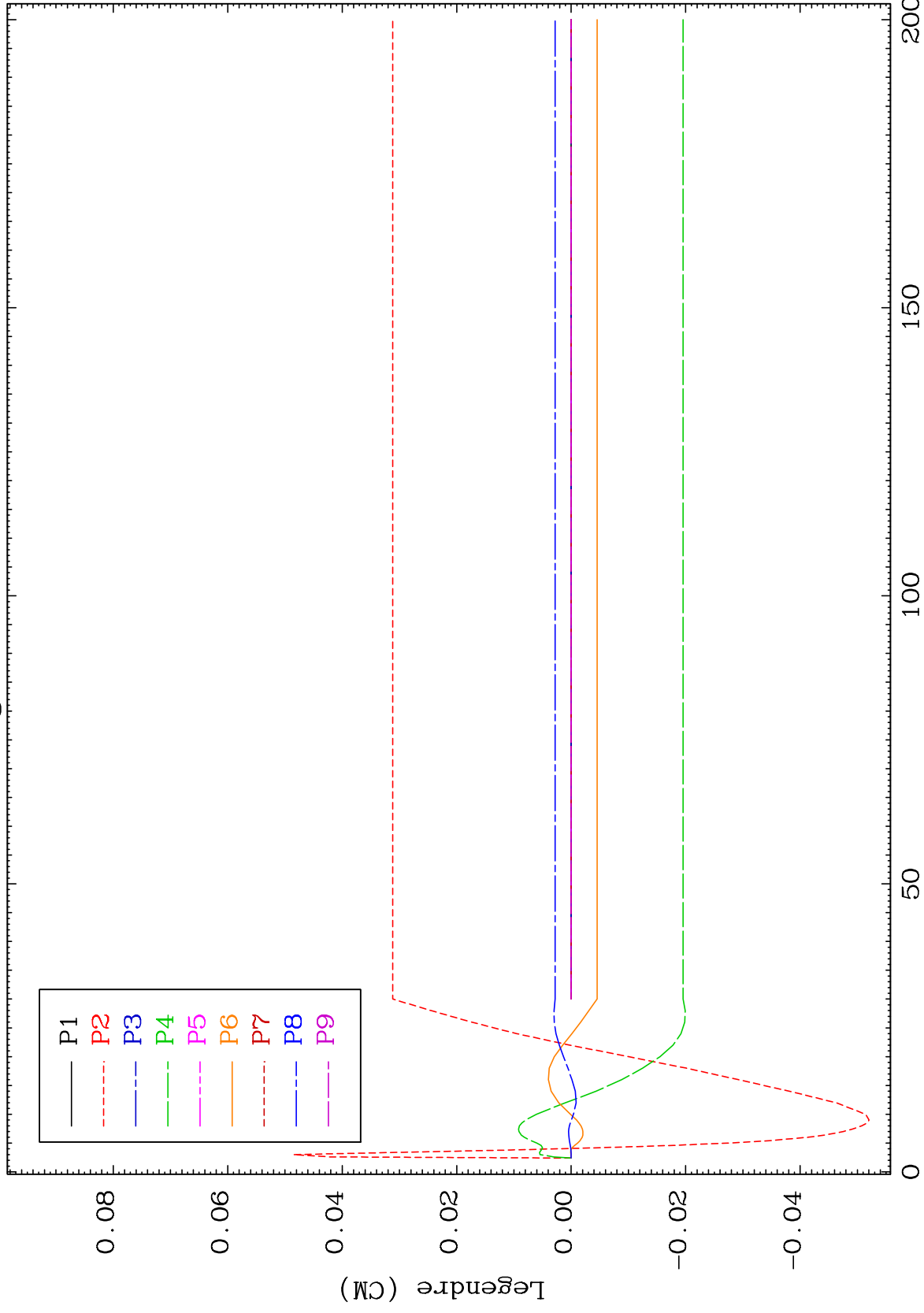
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



52

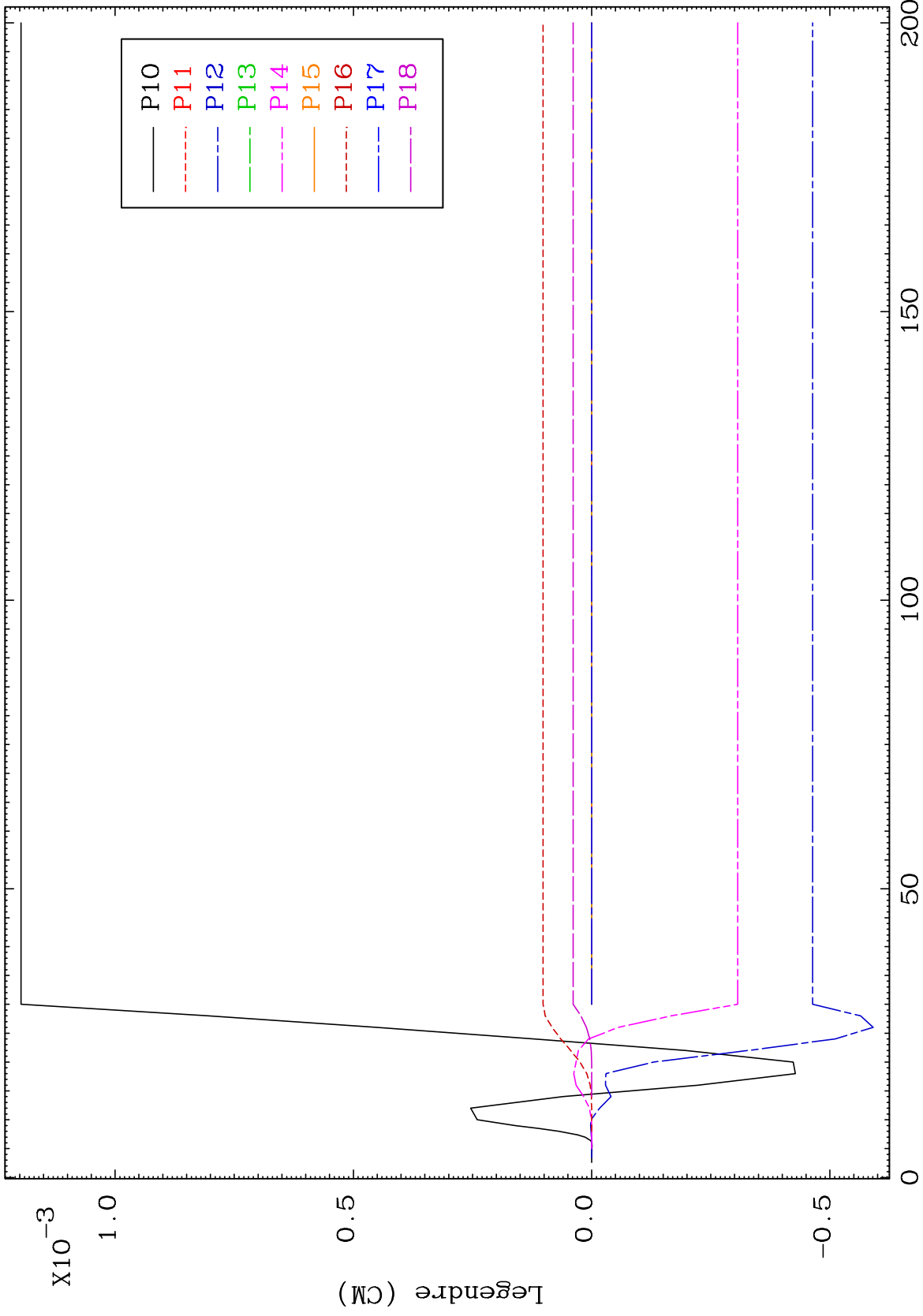
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

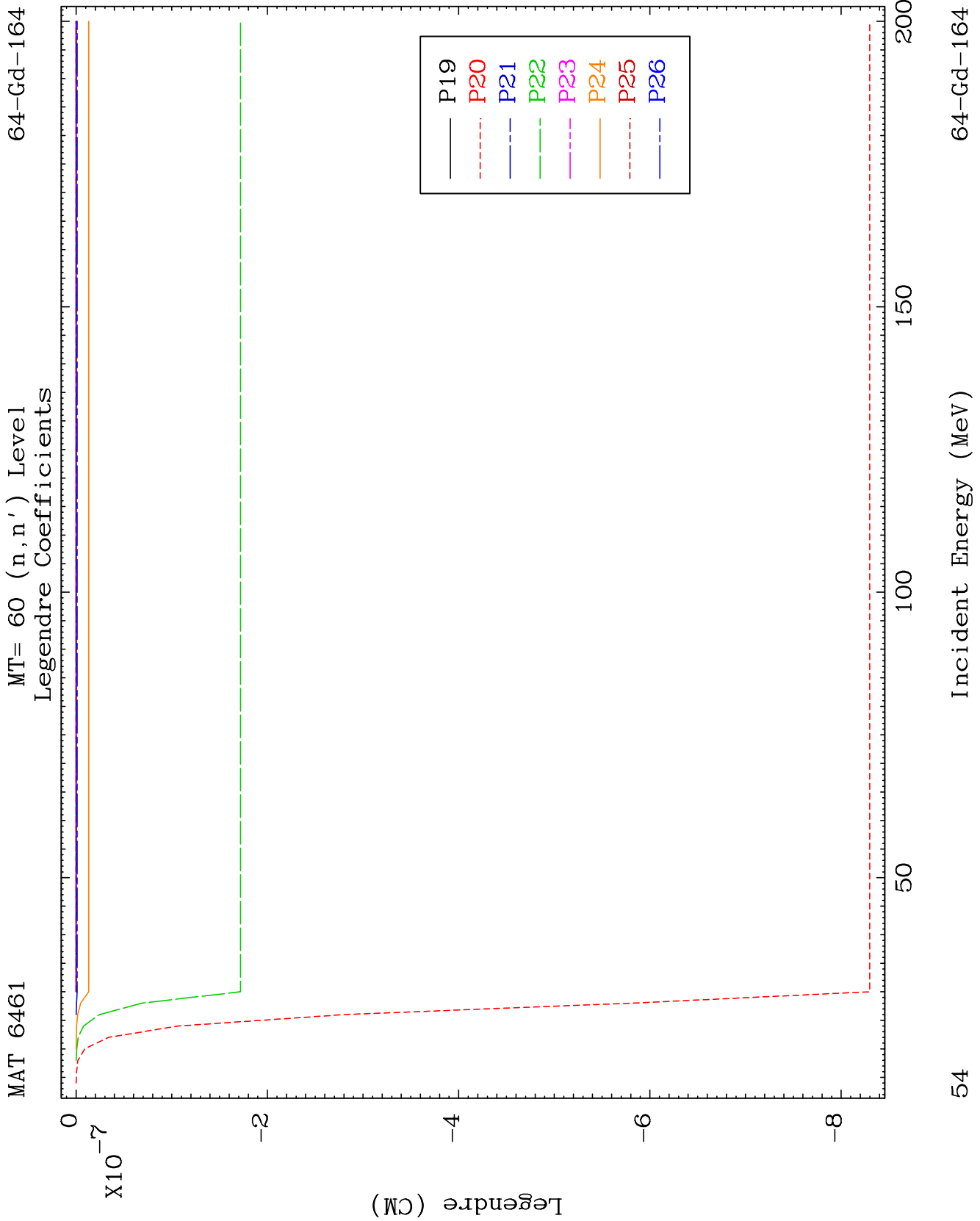
64-Gd-164



53

Incident Energy (MeV)

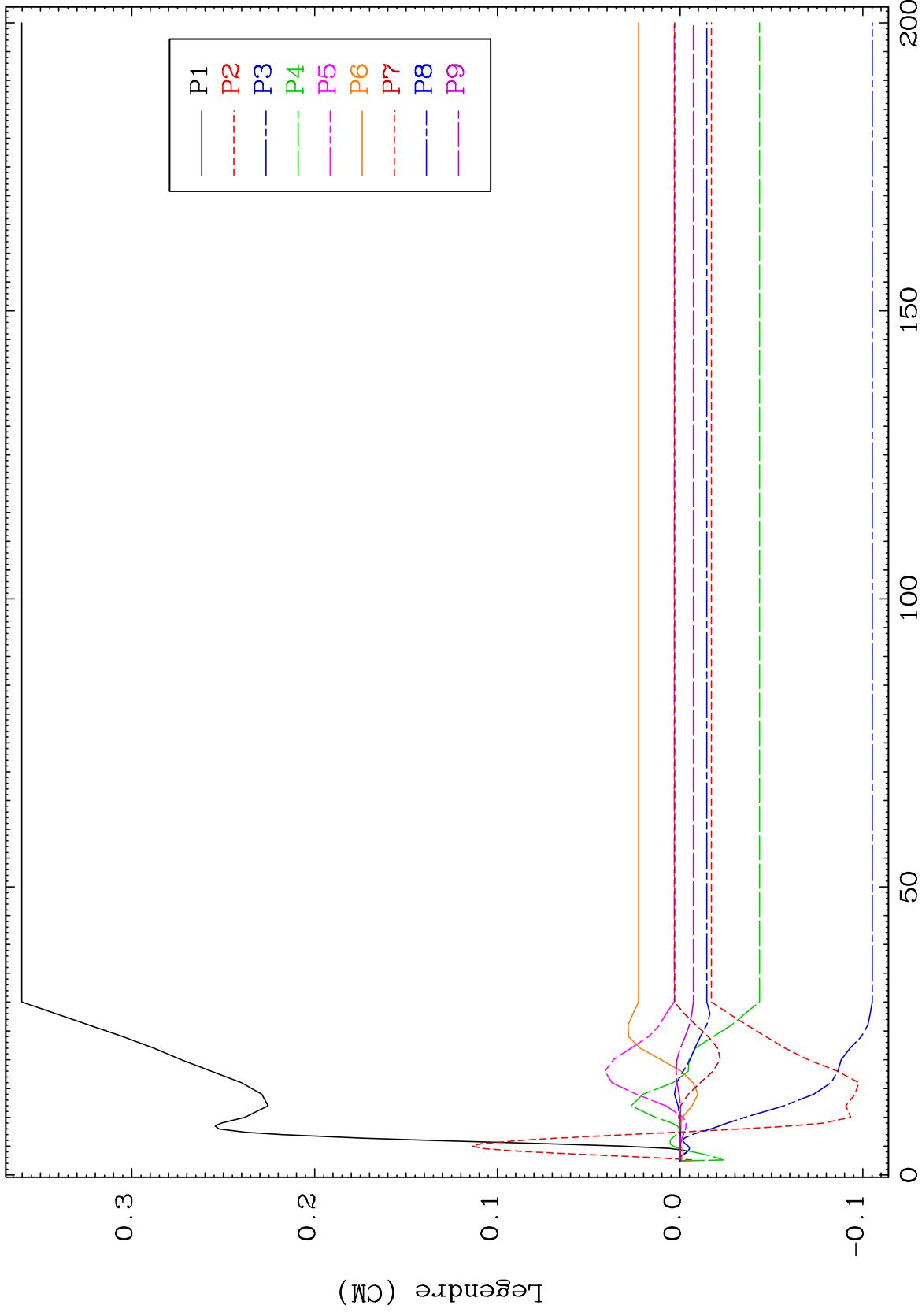
64-Gd-164



MAT 6461

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

64-Gd-164



55

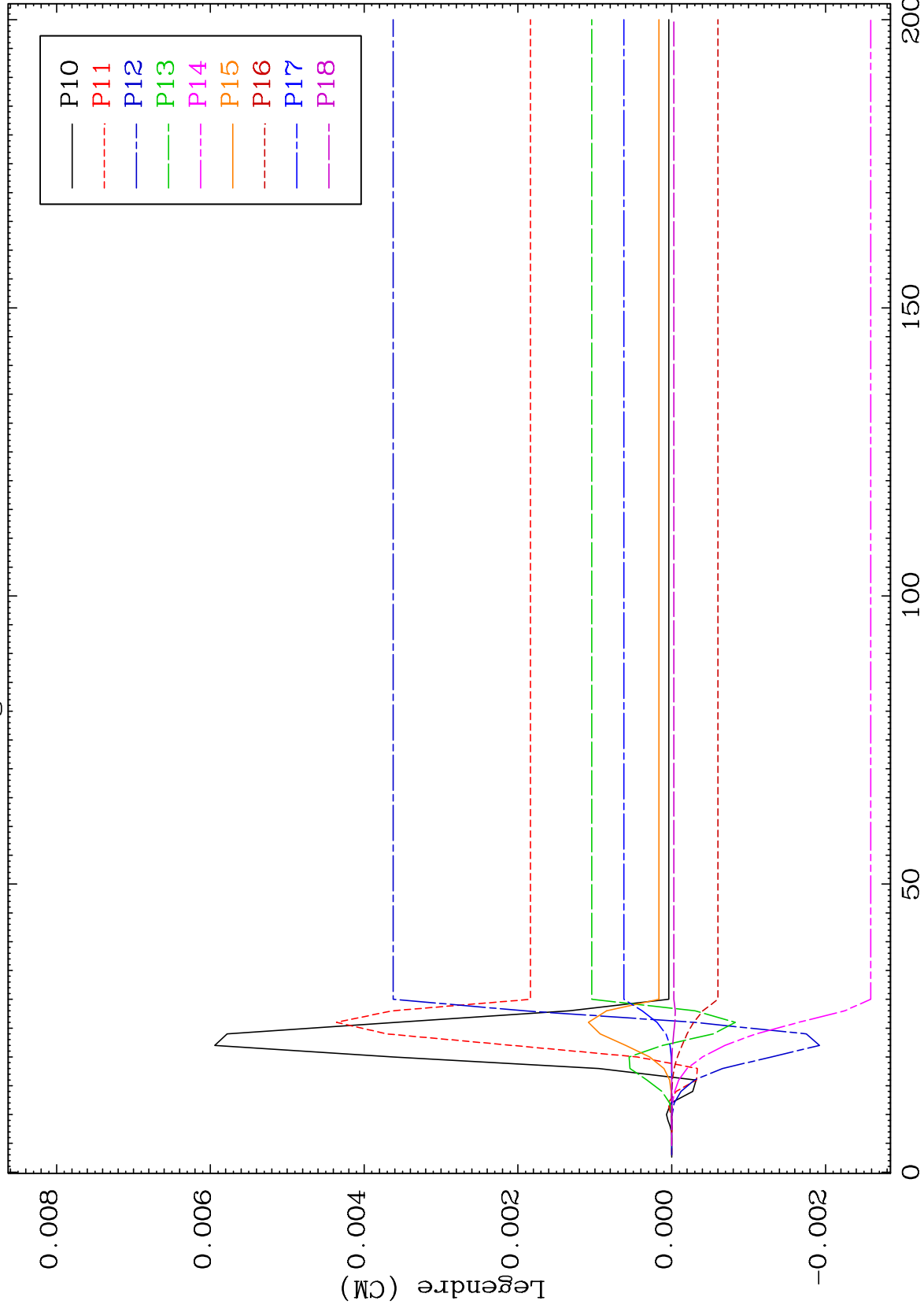
64-Gd-164

64-Gd-164

MAT 6461

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

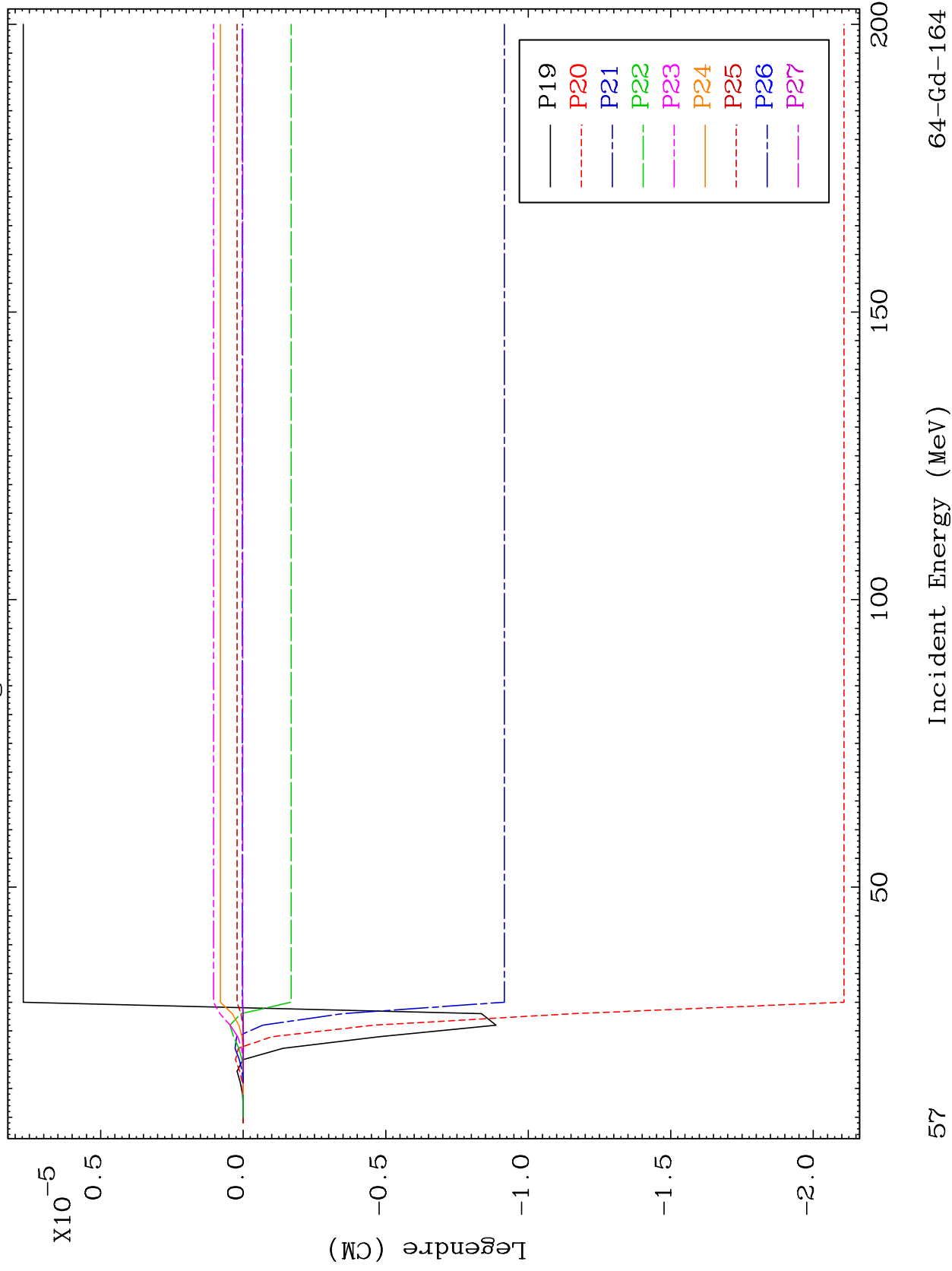
64-Gd-164



56

Incident Energy (MeV)

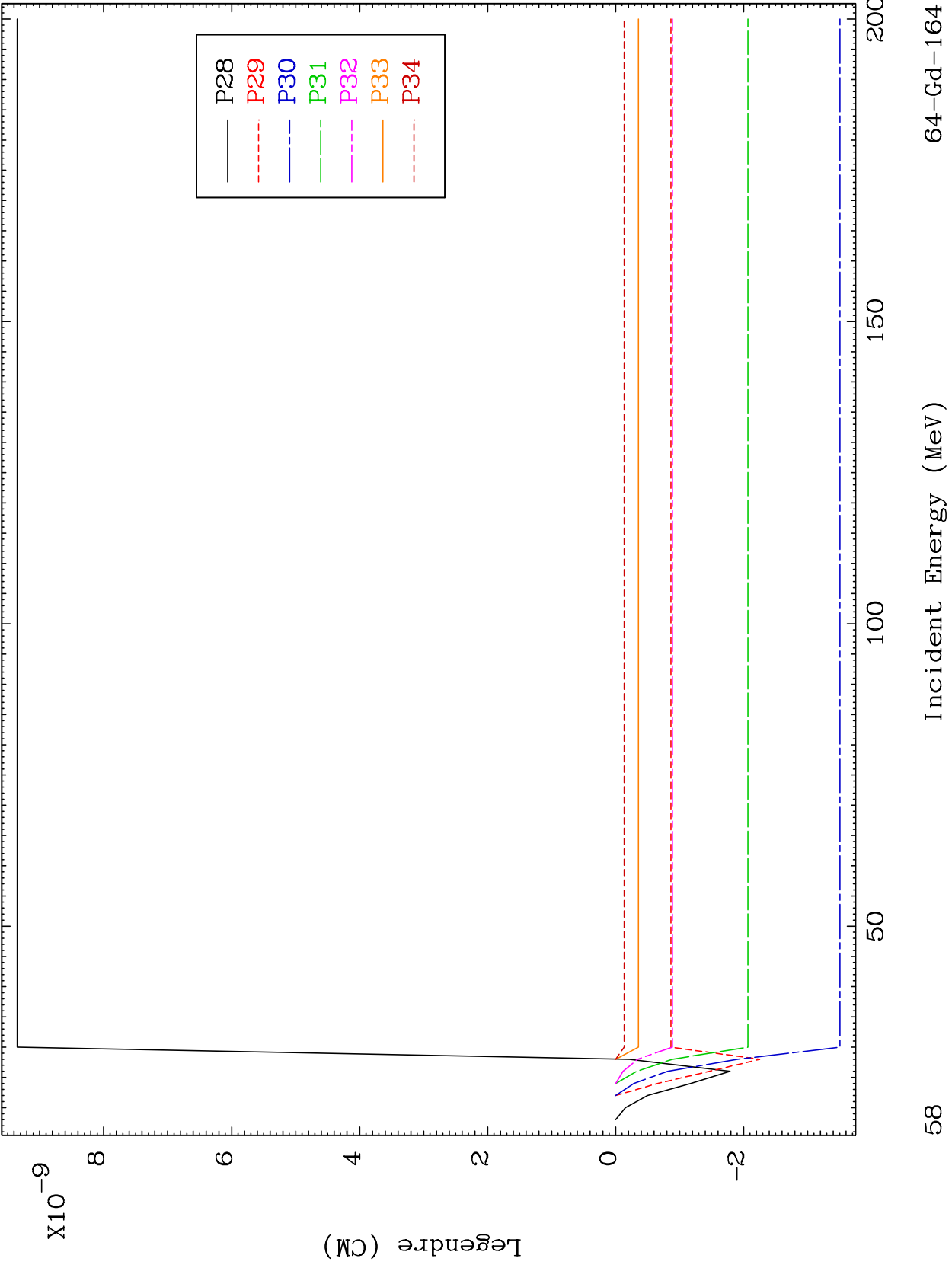
64-Gd-164



MAT 6461

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

64-Gd-164



58

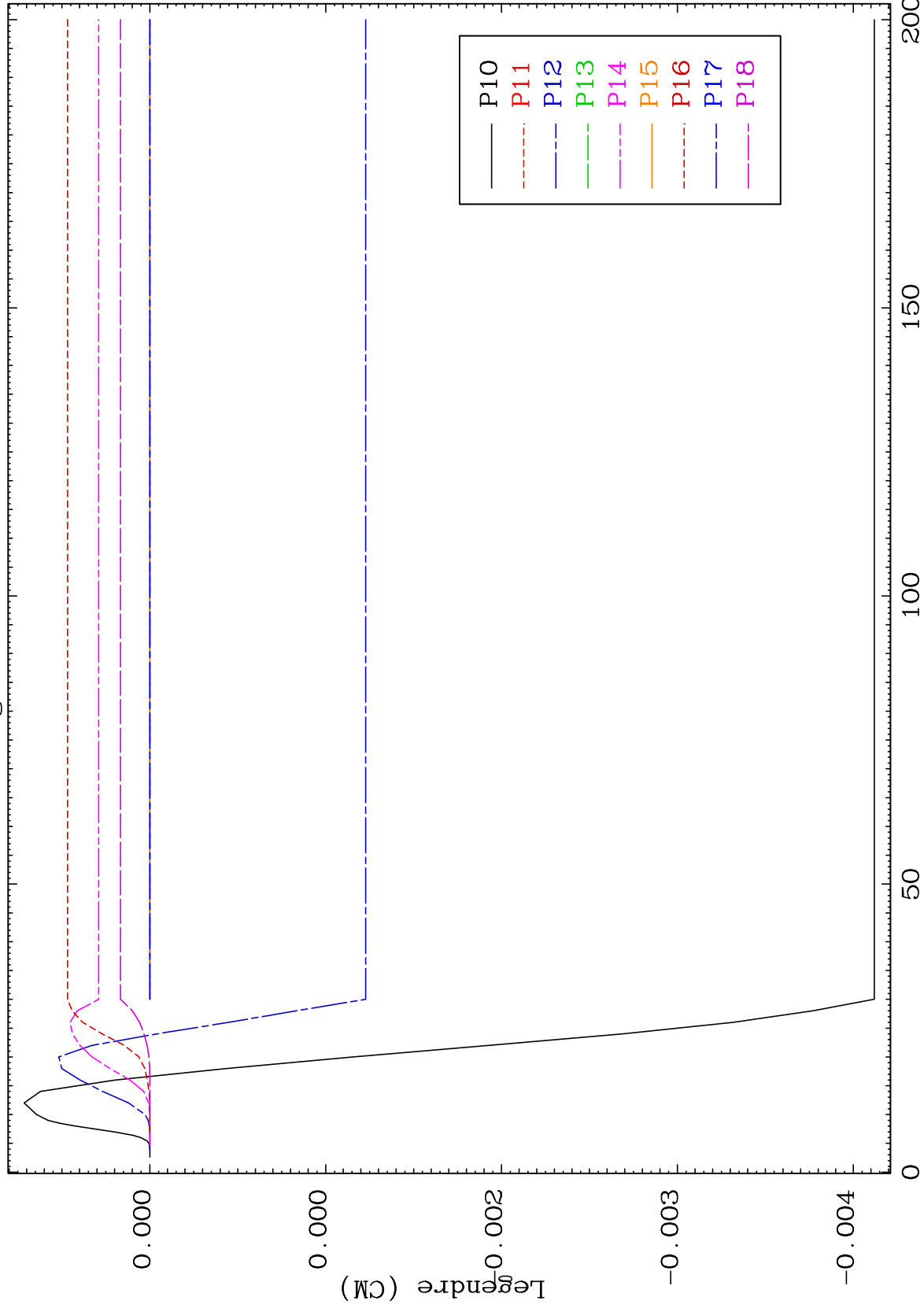
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

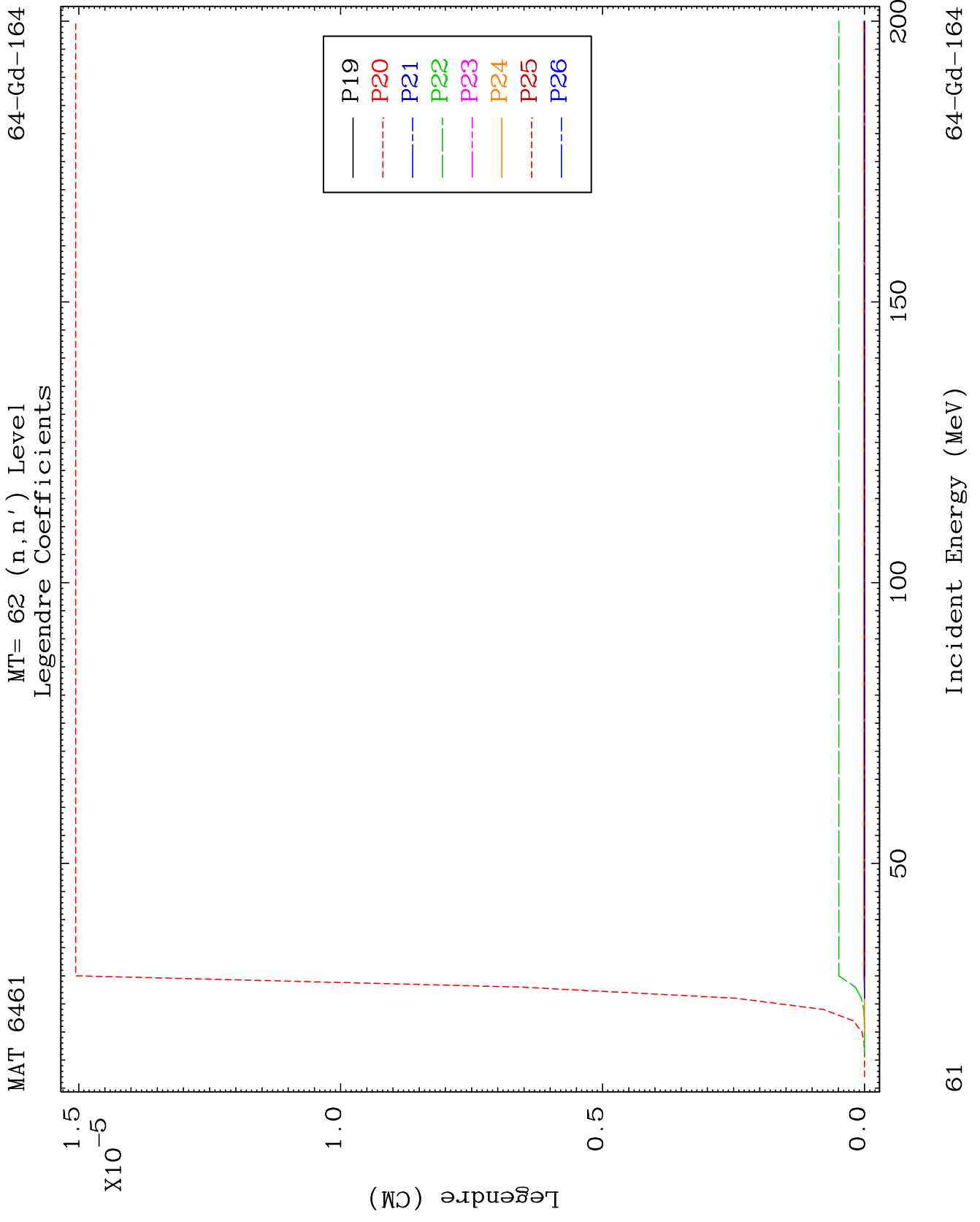
64-Gd-164



60

Incident Energy (MeV)

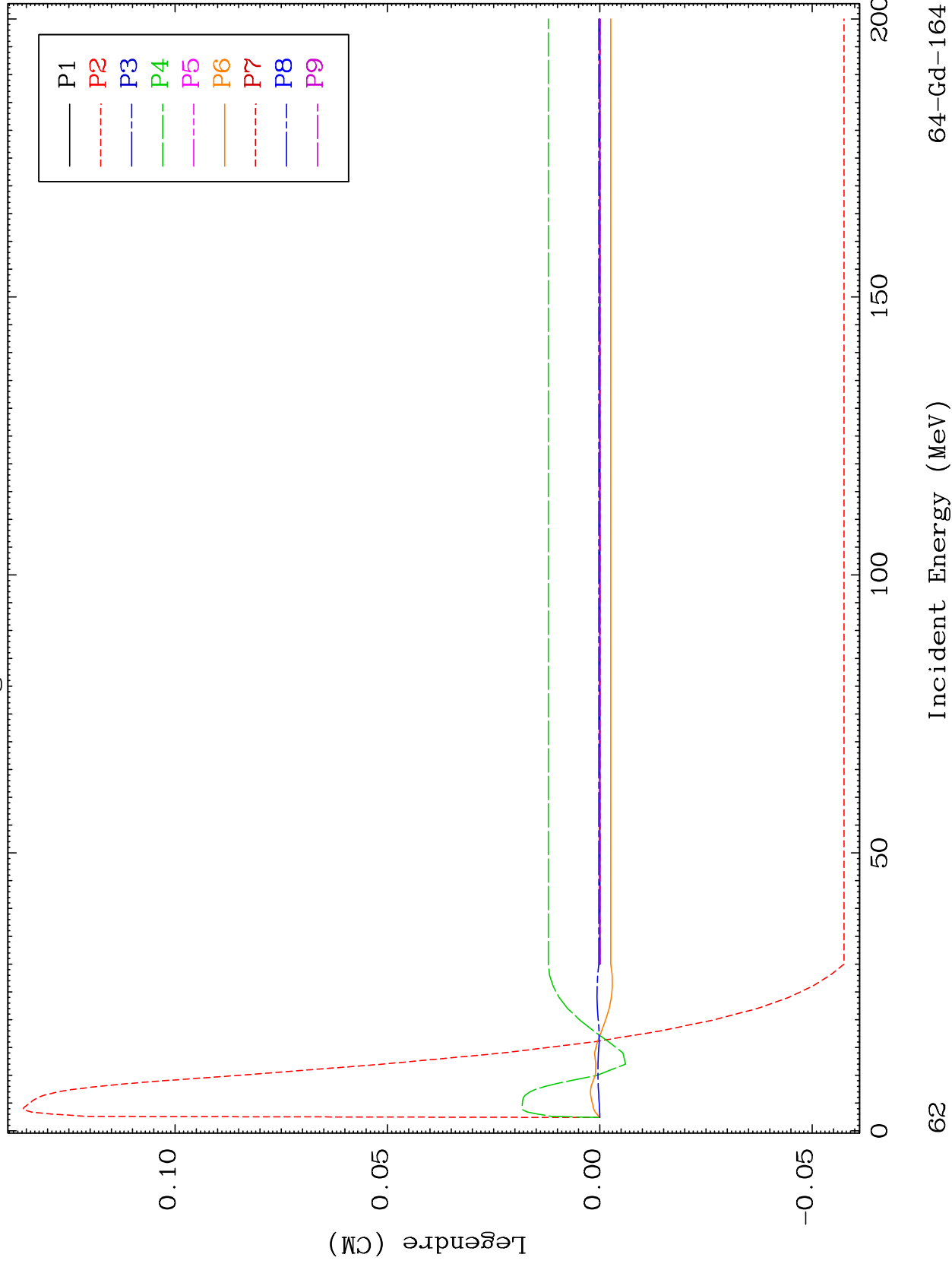
64-Gd-164

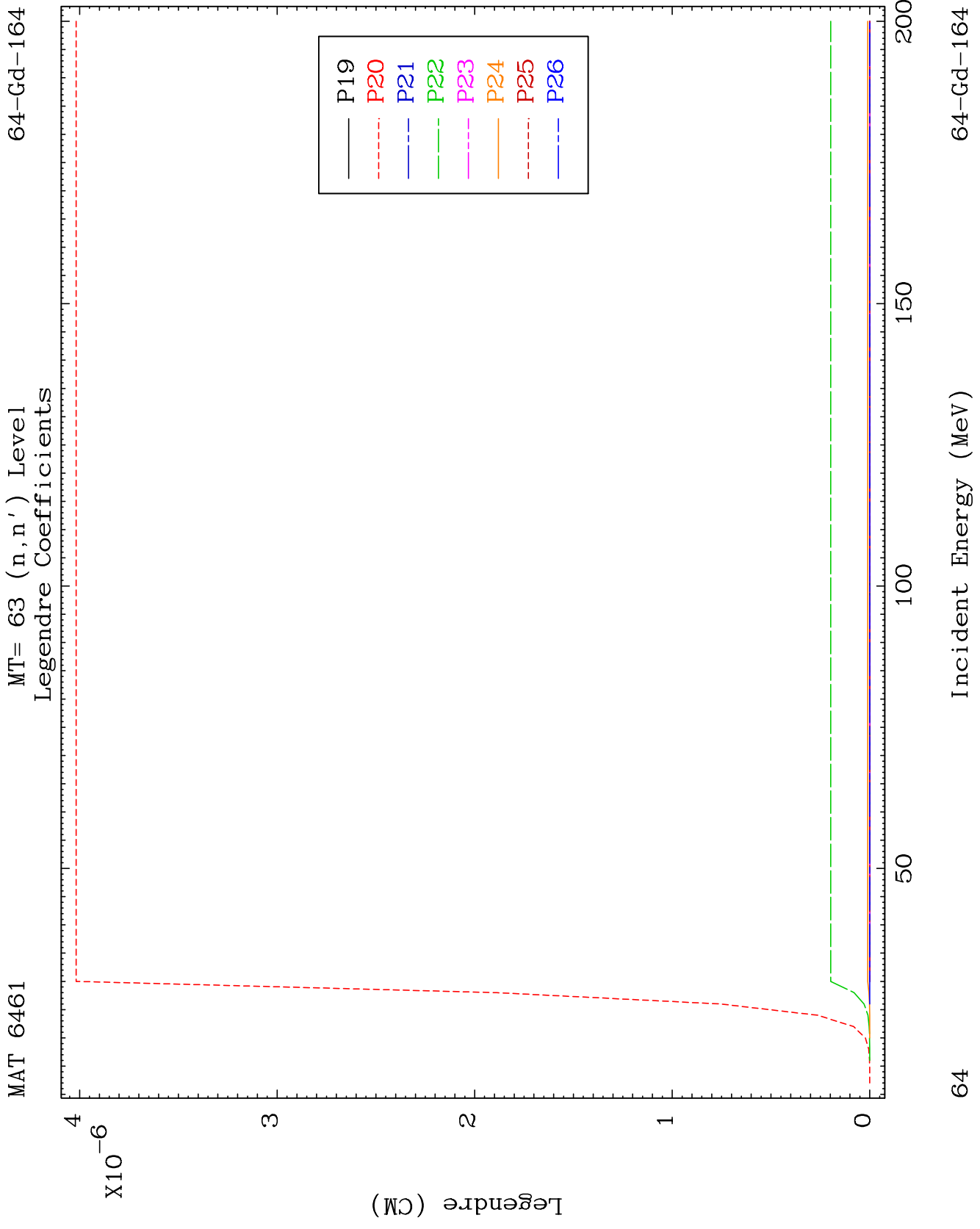


MAT 6461

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

64-Gd-164

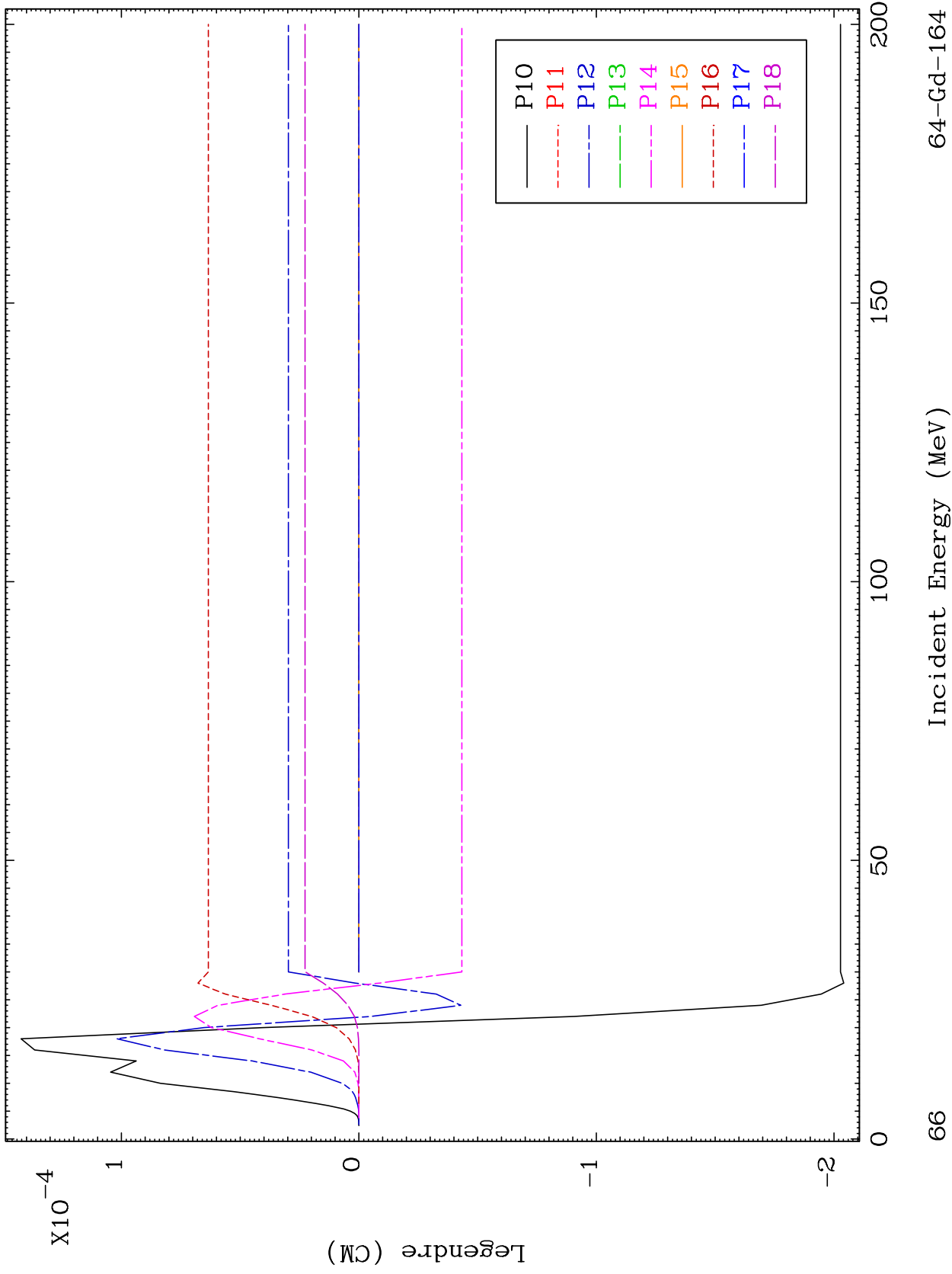




MAT 6461

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

64-Gd-164



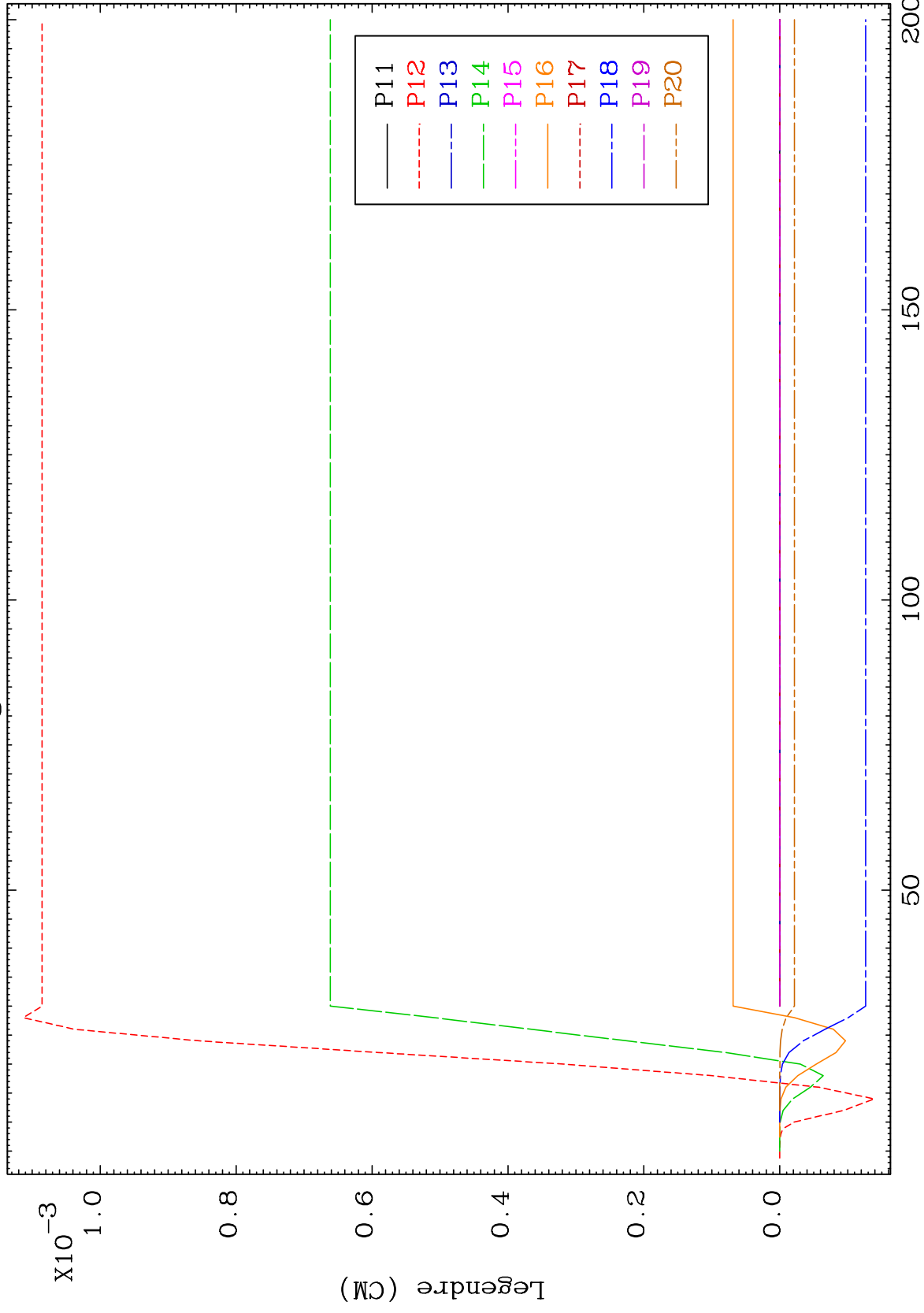
66

64-Gd-164

MAT 6461

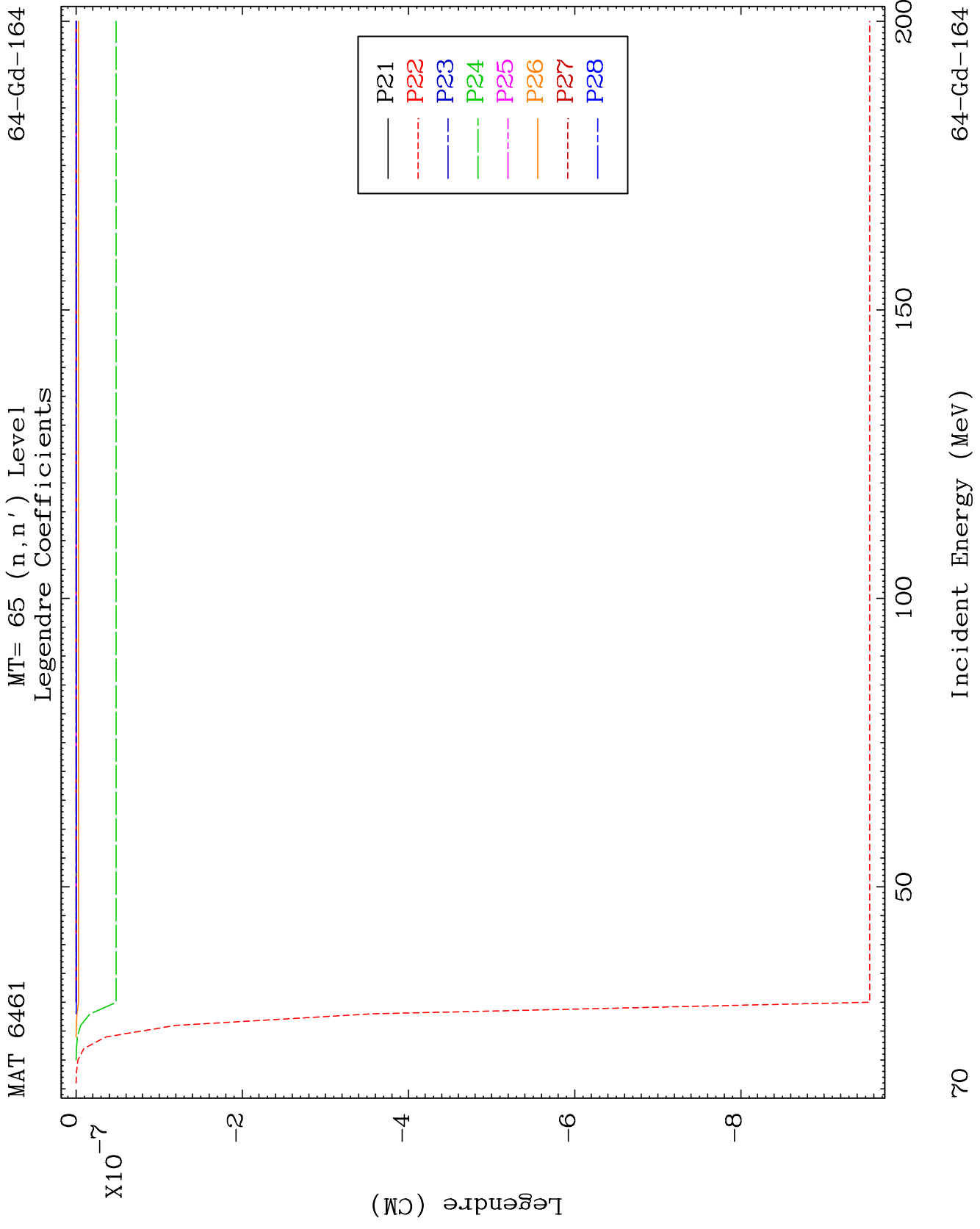
MT= 65 (n,n') Level
Legendre Coefficients

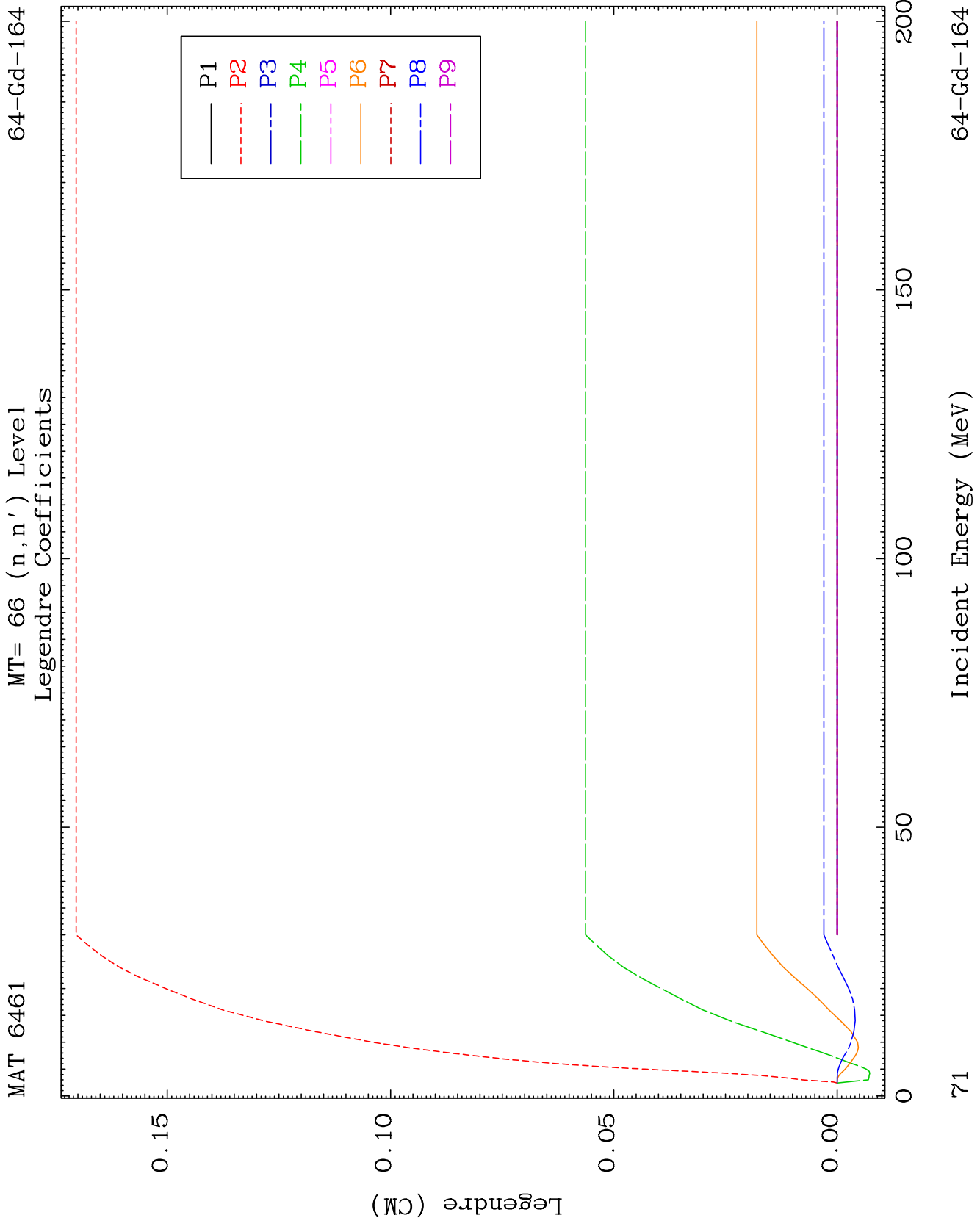
64-Gd-164



69

64-Gd-164

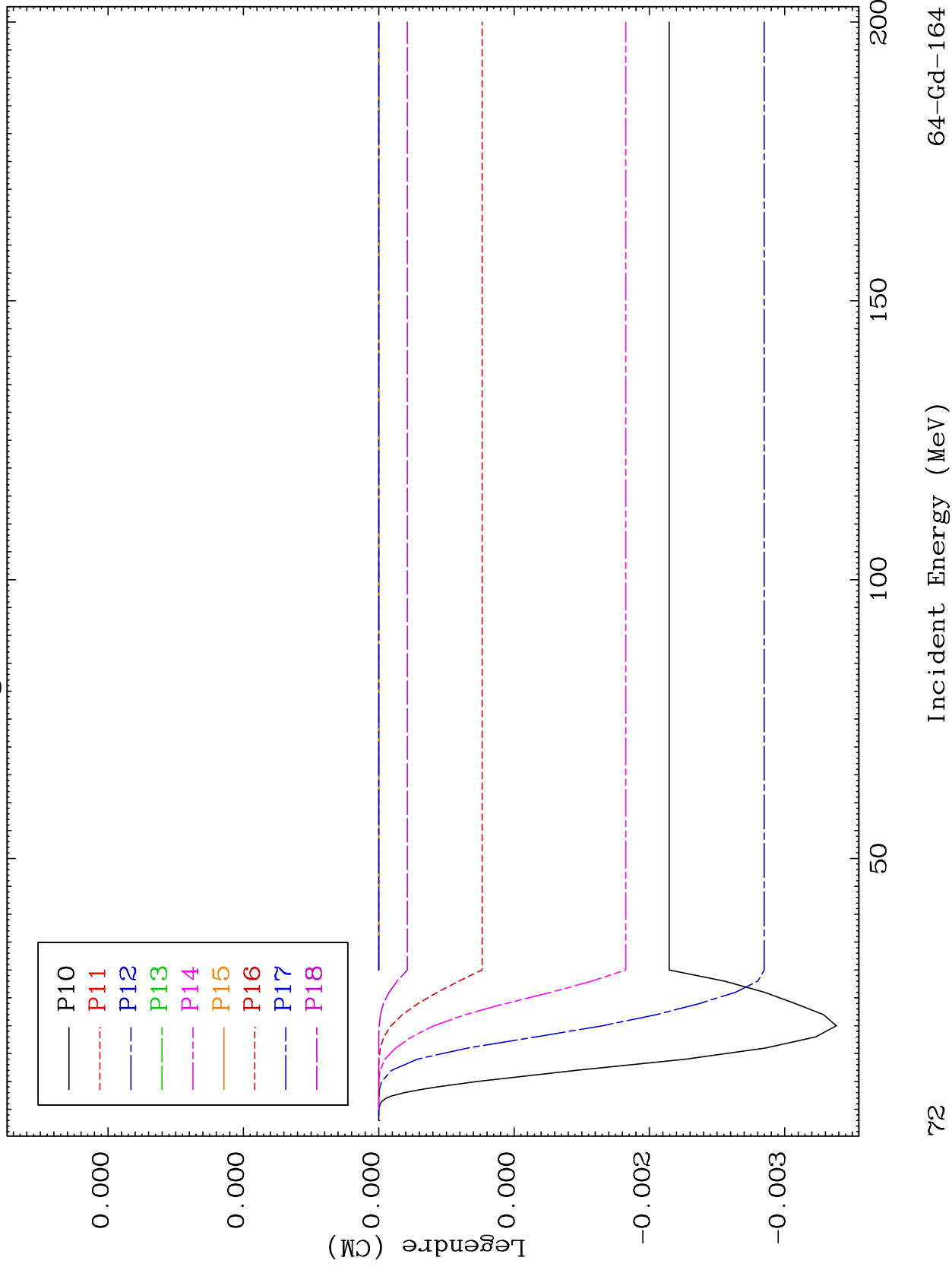


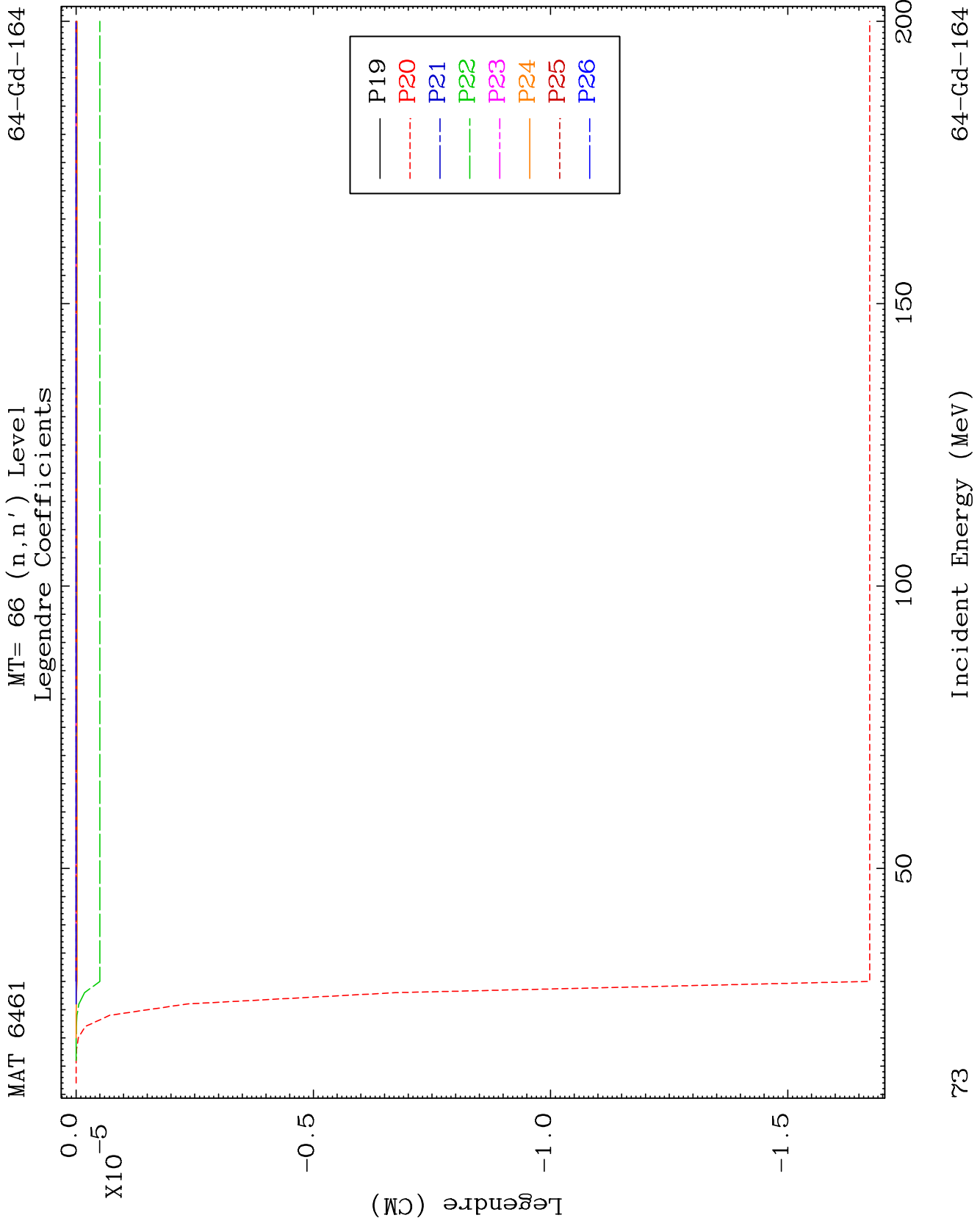


MAT 6461

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

64-Gd-164

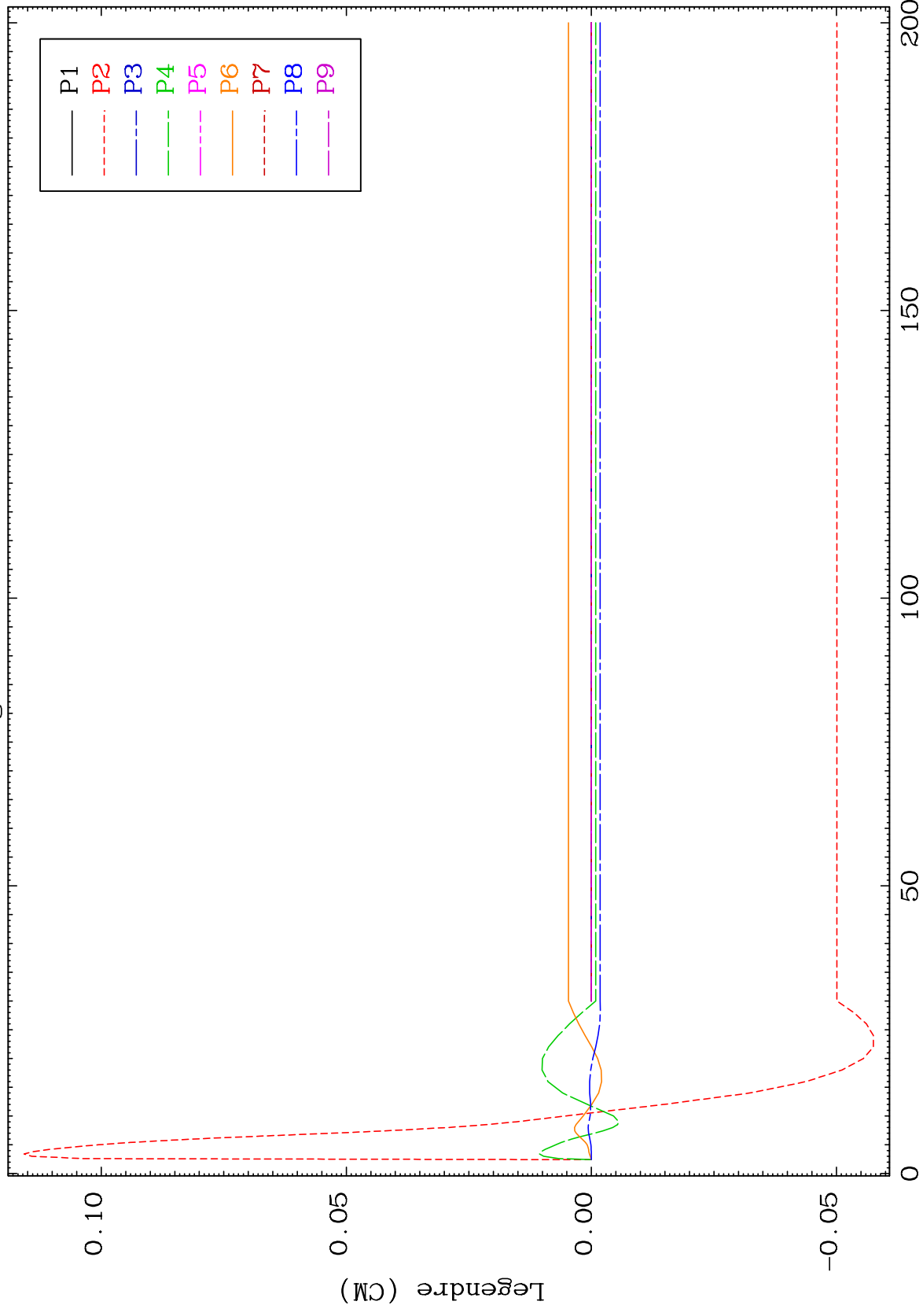




MAT 6461

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

64-Gd-164



74

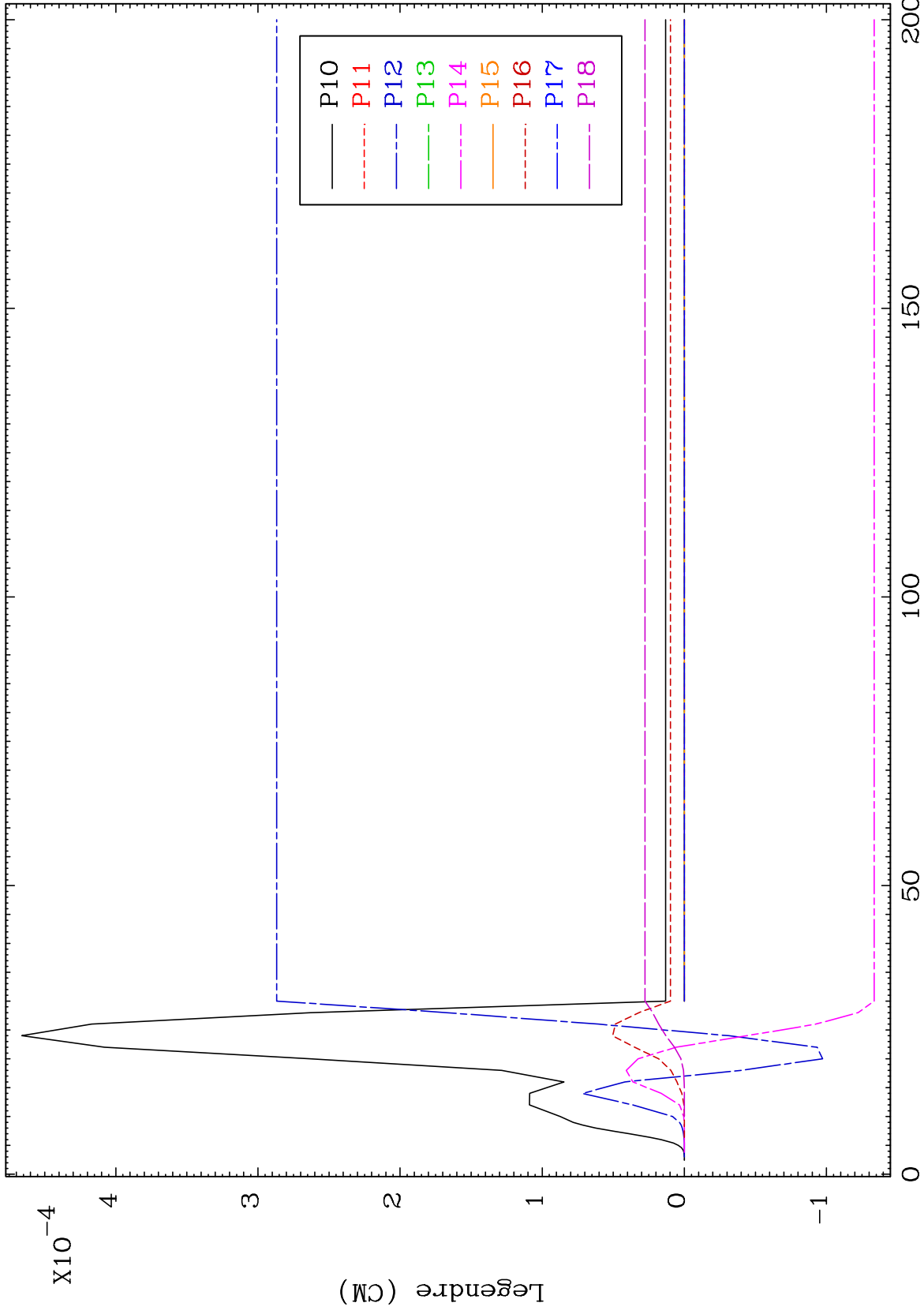
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



75

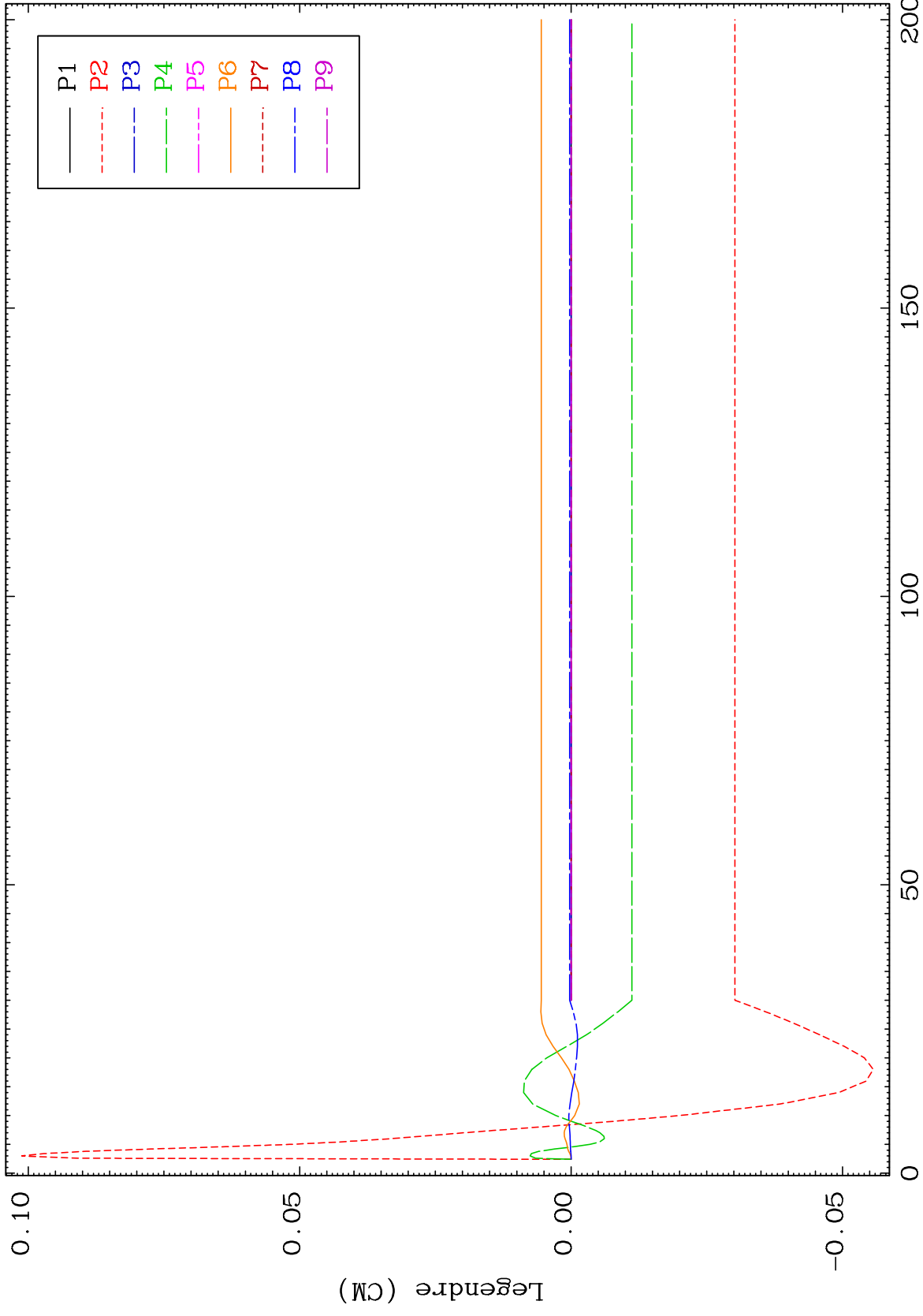
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



77

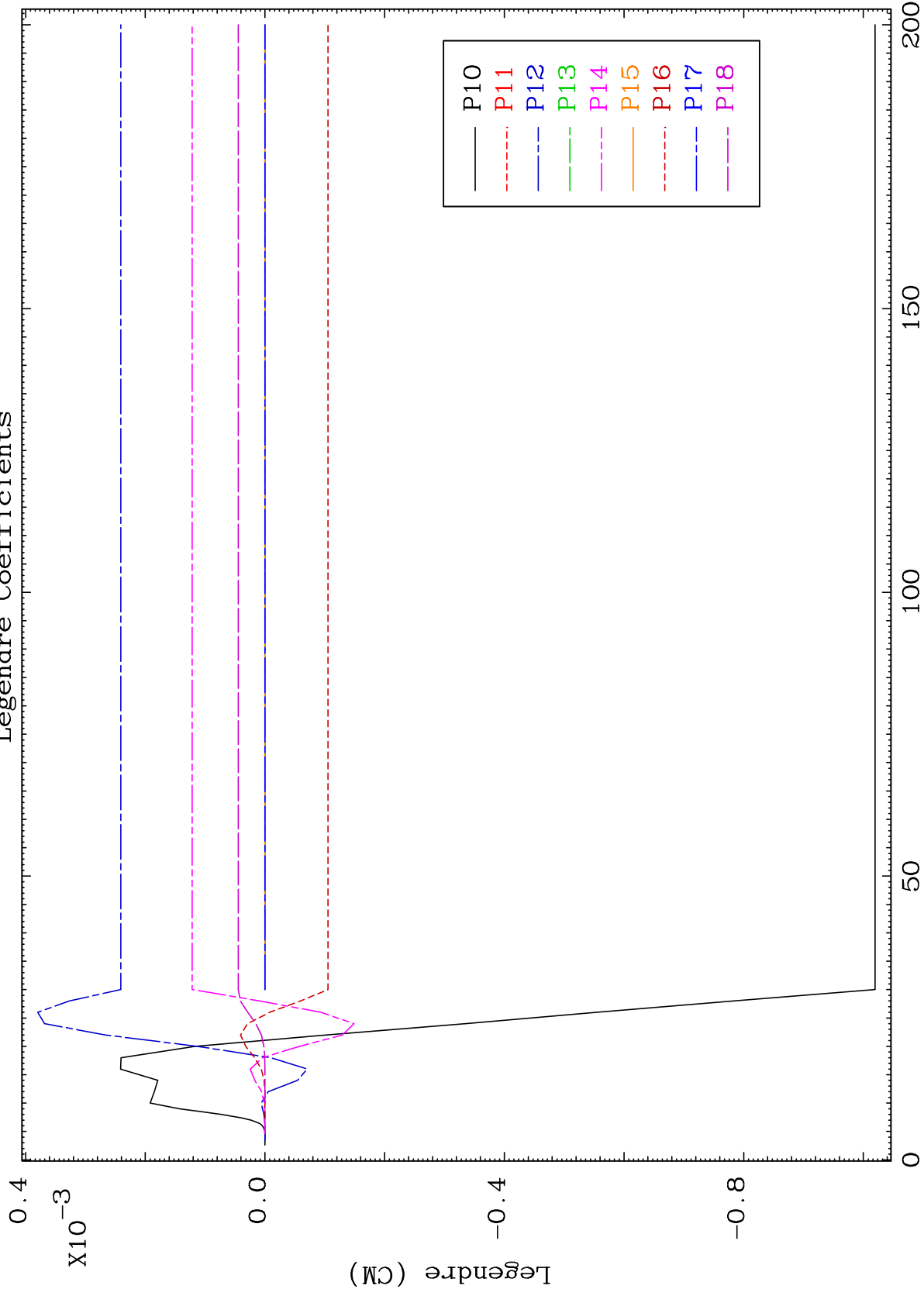
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



78

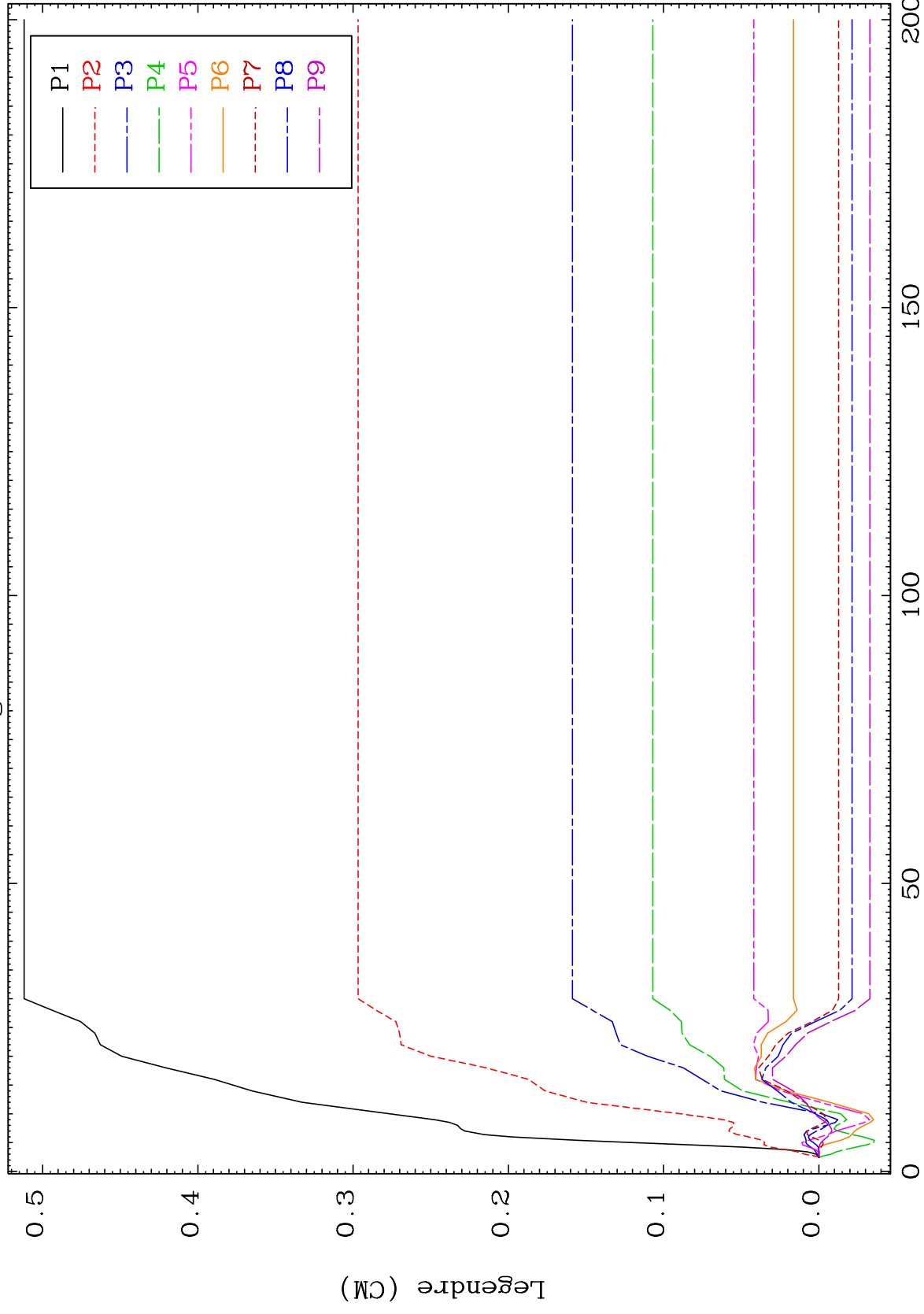
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



80

Incident Energy (MeV)

150

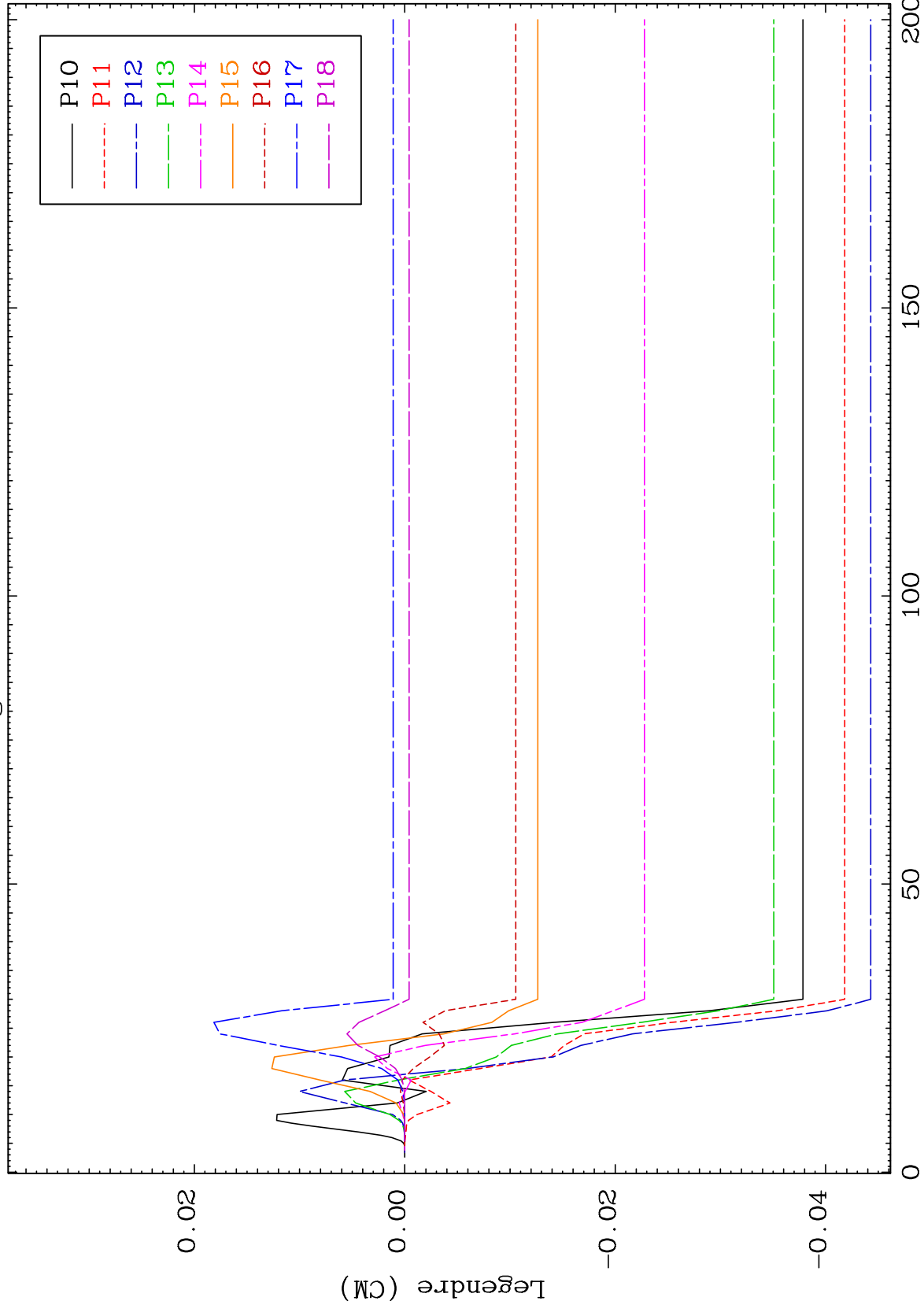
64-Gd-164

200

MAT 6461

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

64-Gd-164



81

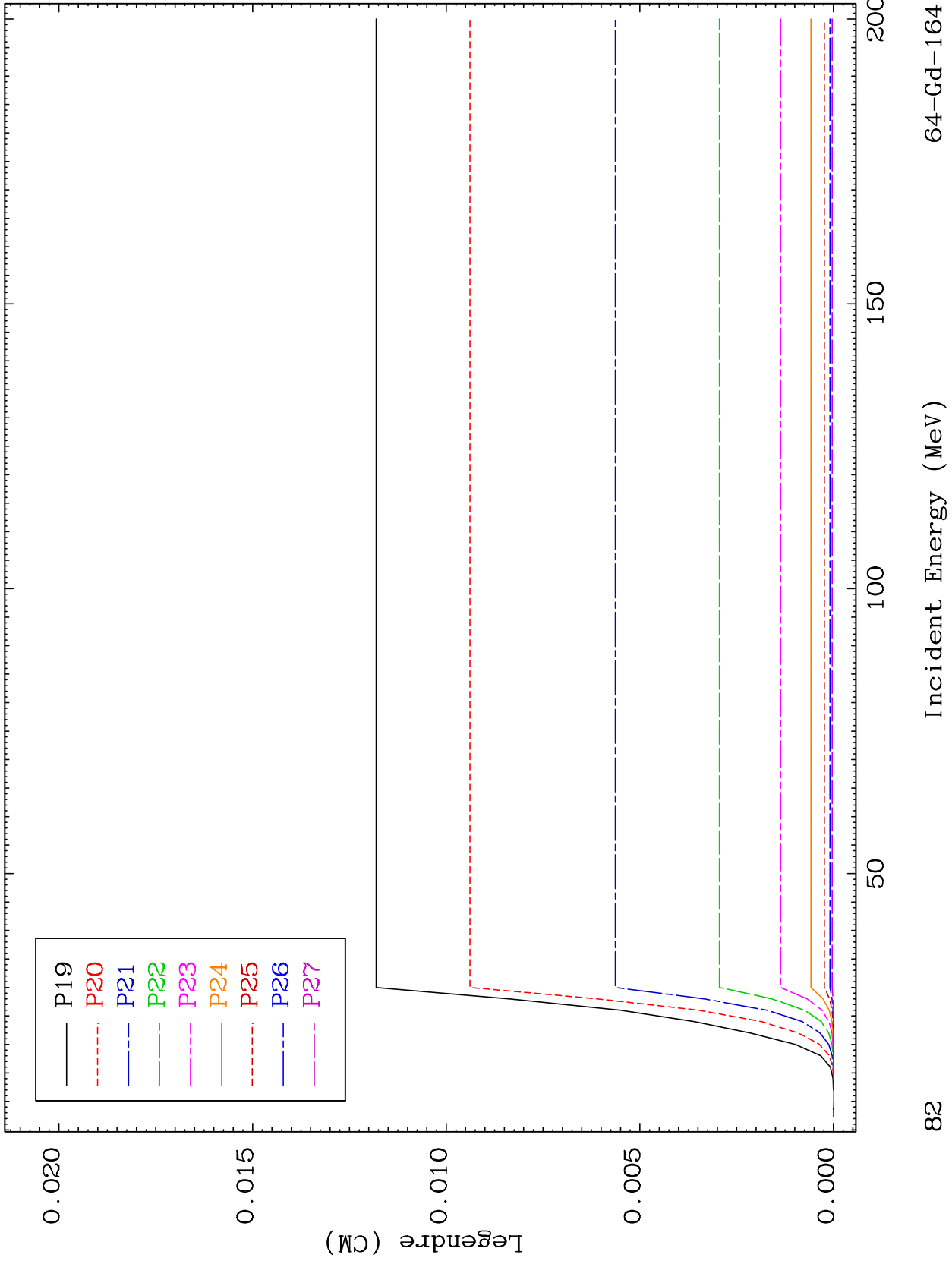
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



82

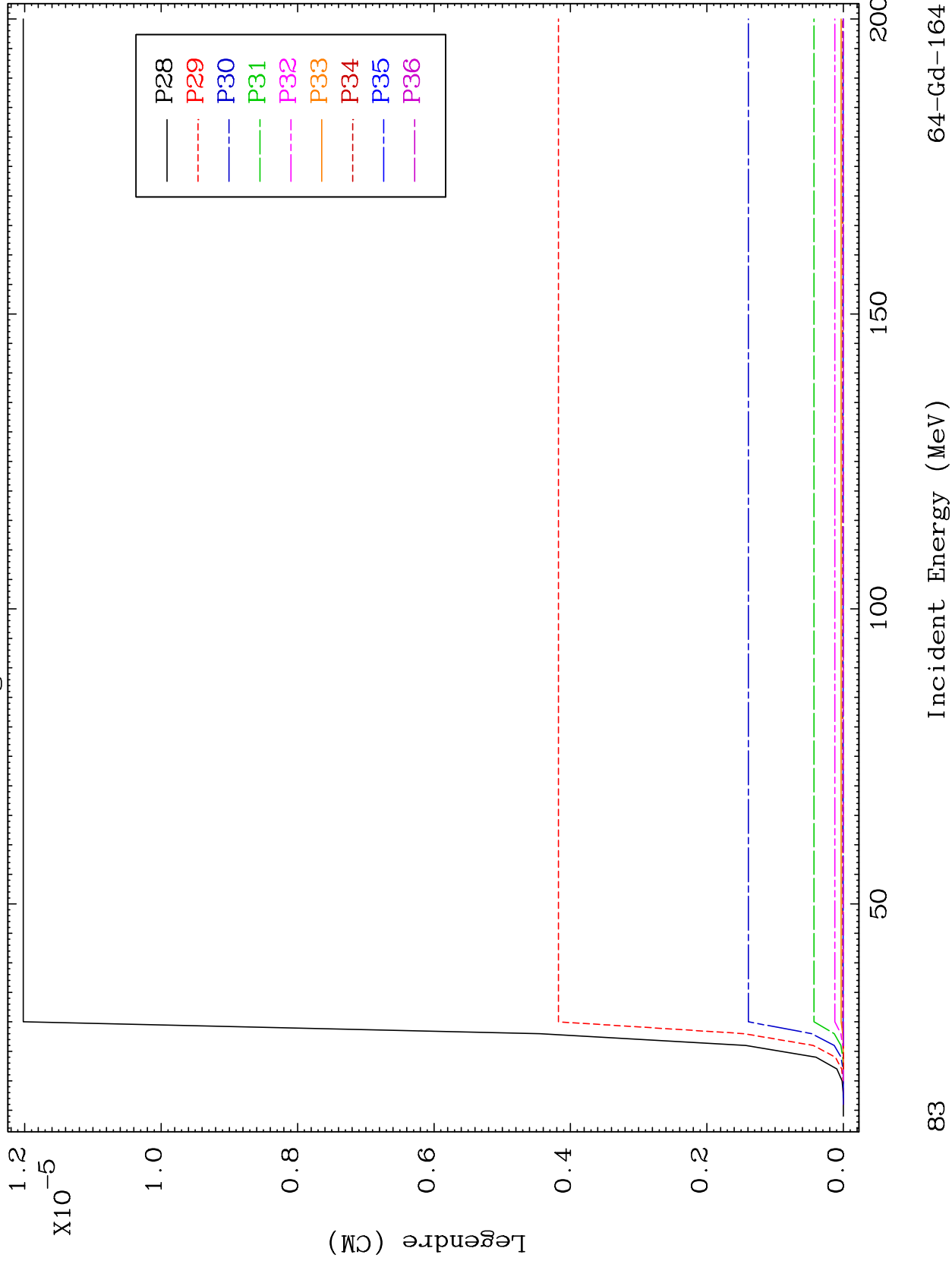
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



83

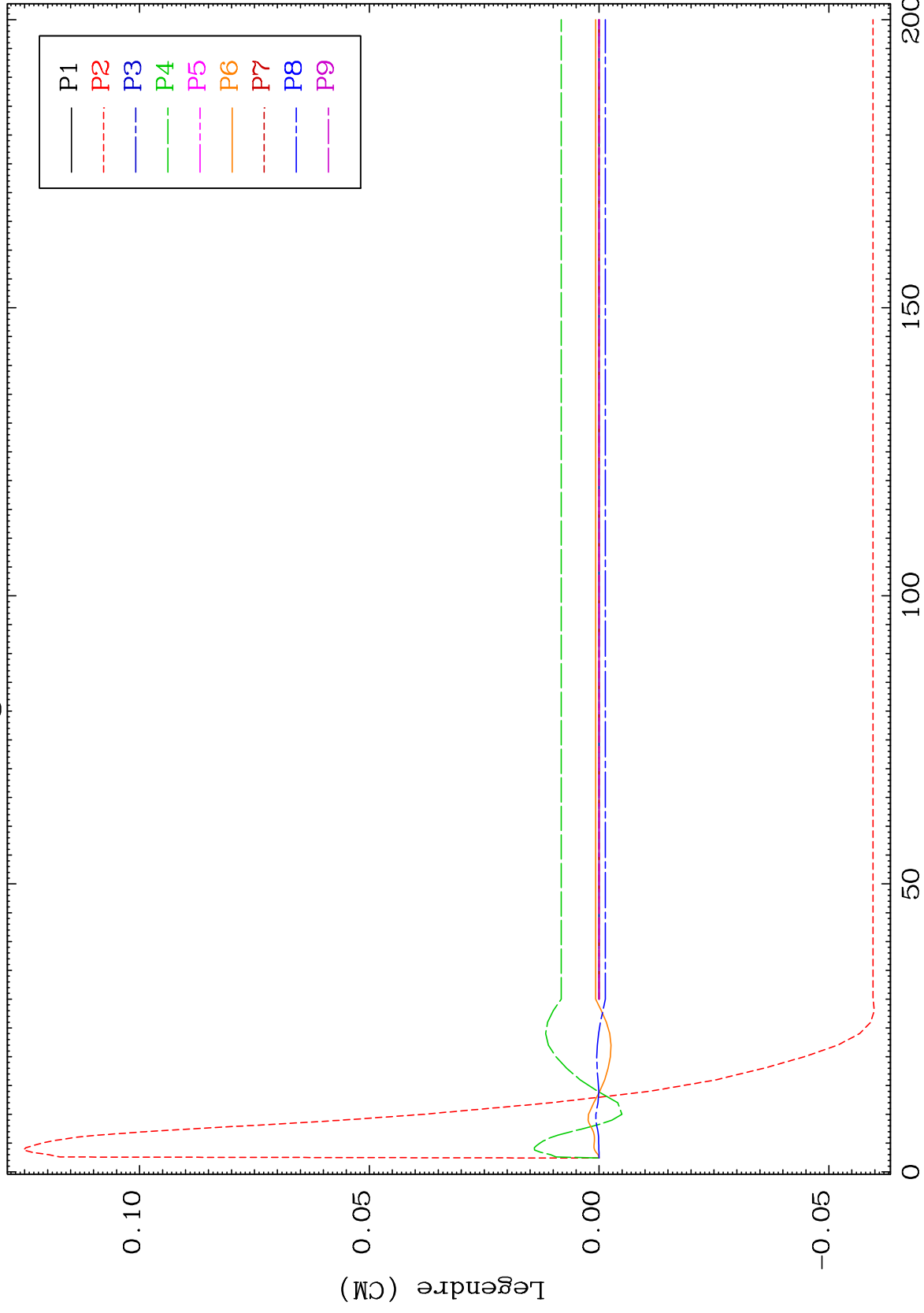
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



84

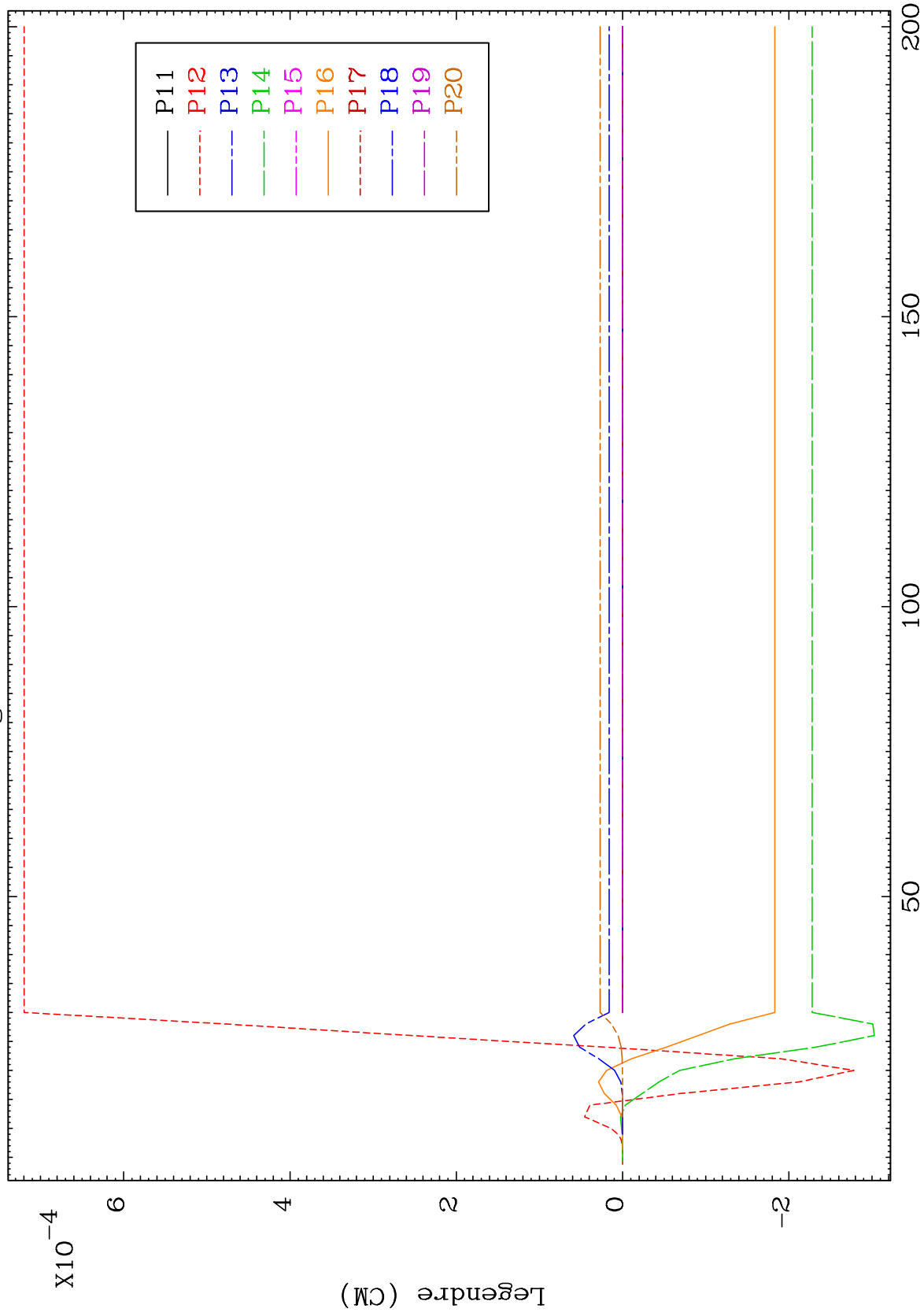
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

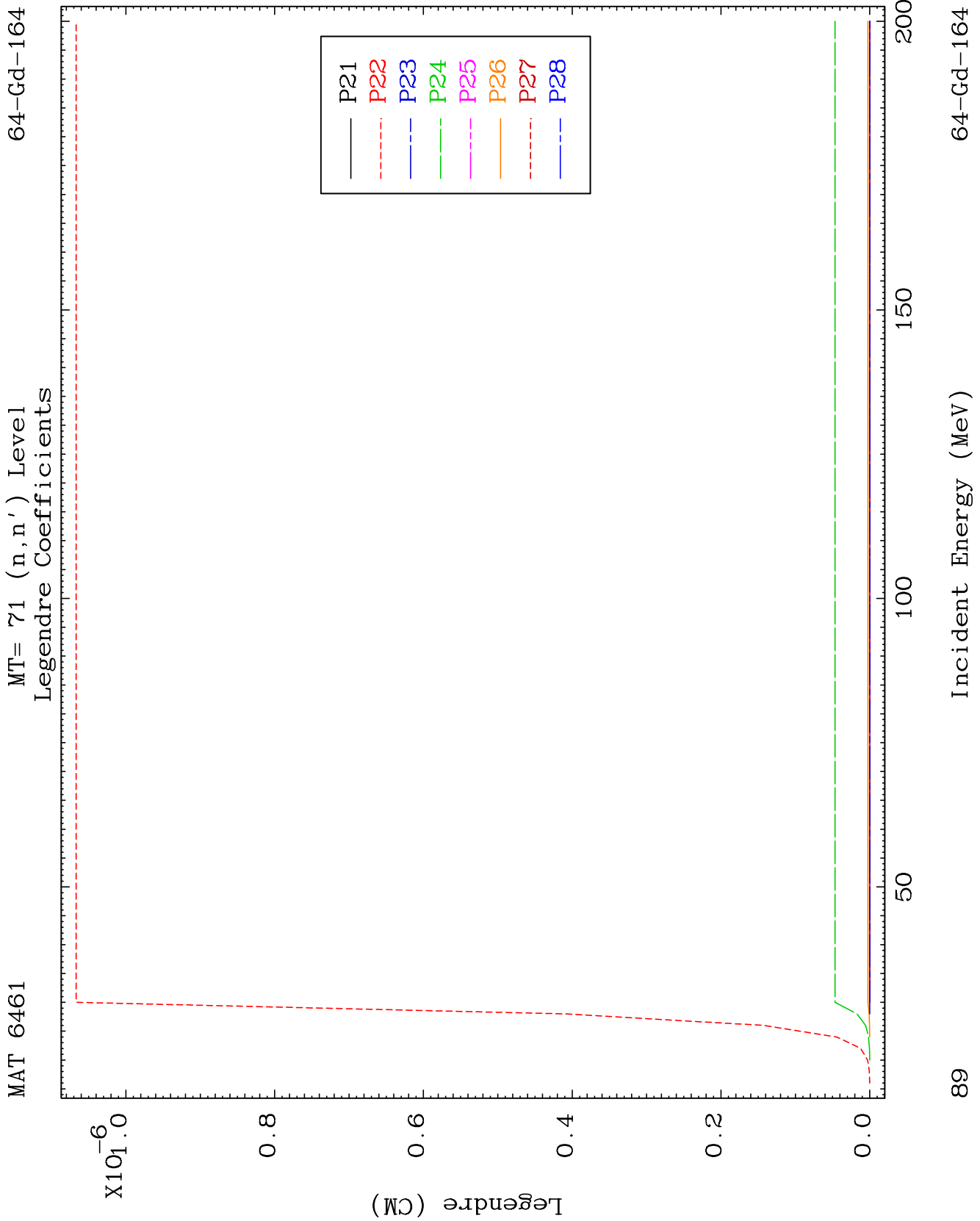
64-Gd-164



88

Incident Energy (MeV)

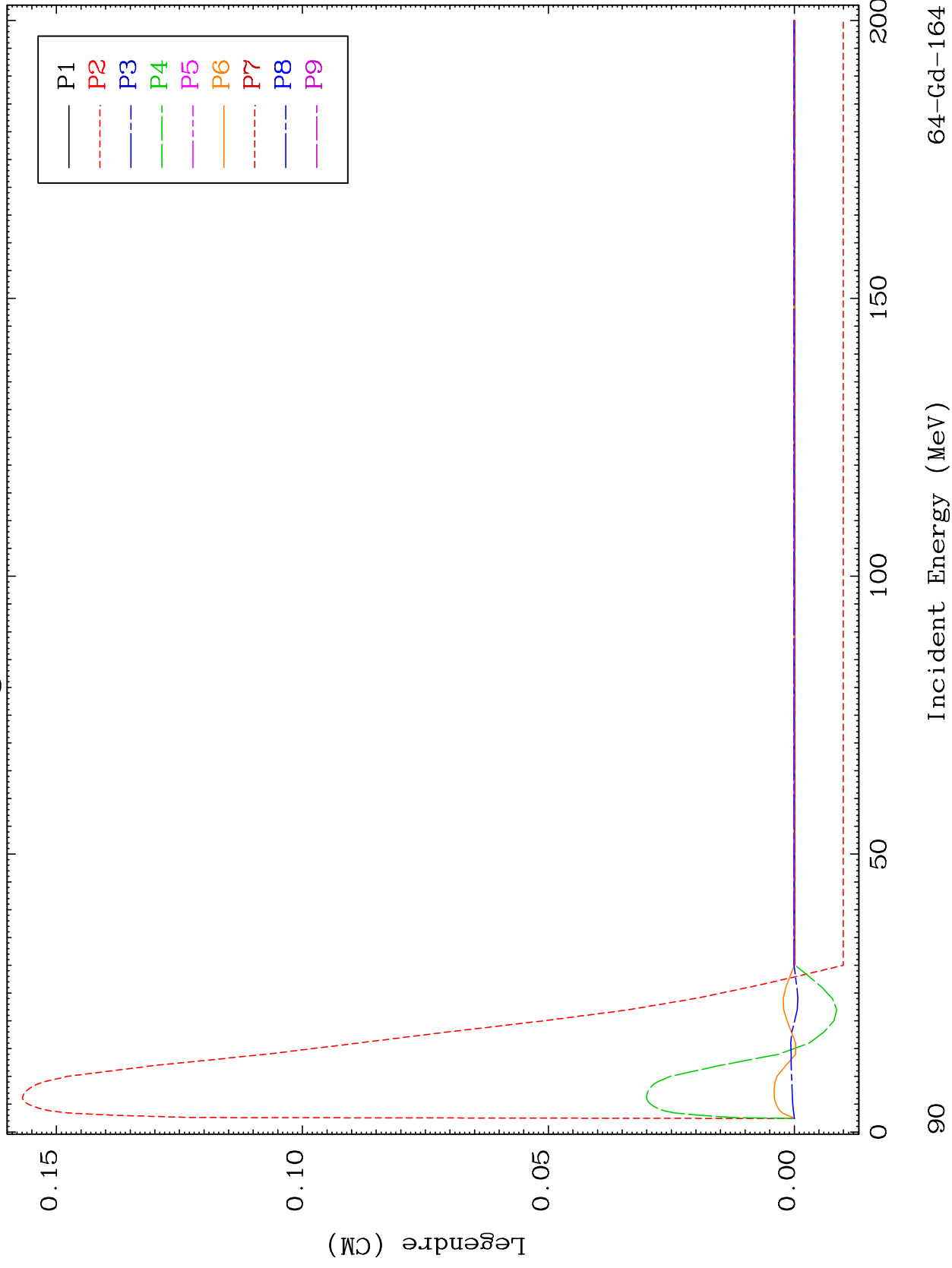
64-Gd-164



MAT 6461

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

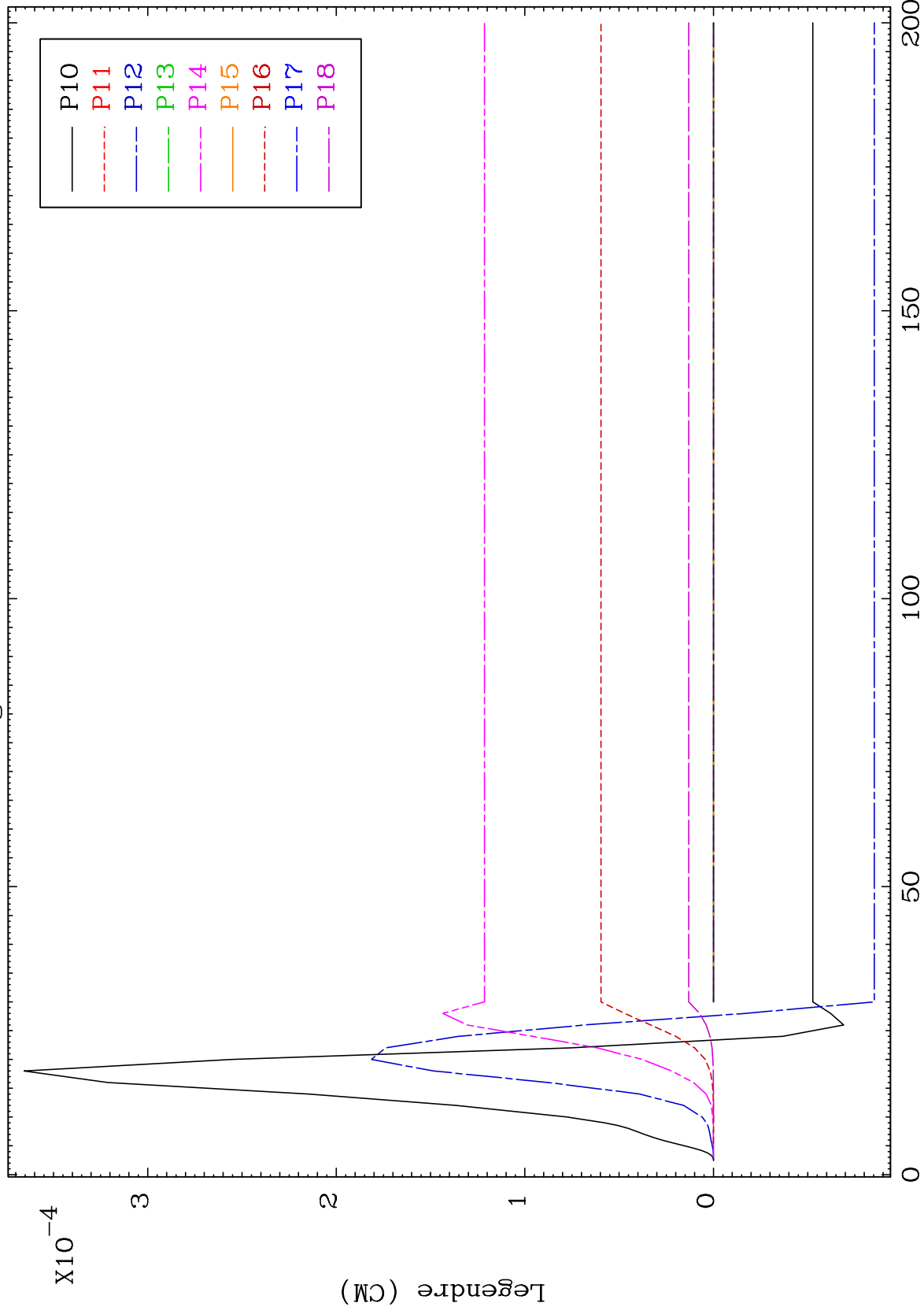
64-Gd-164



MAT 6461

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

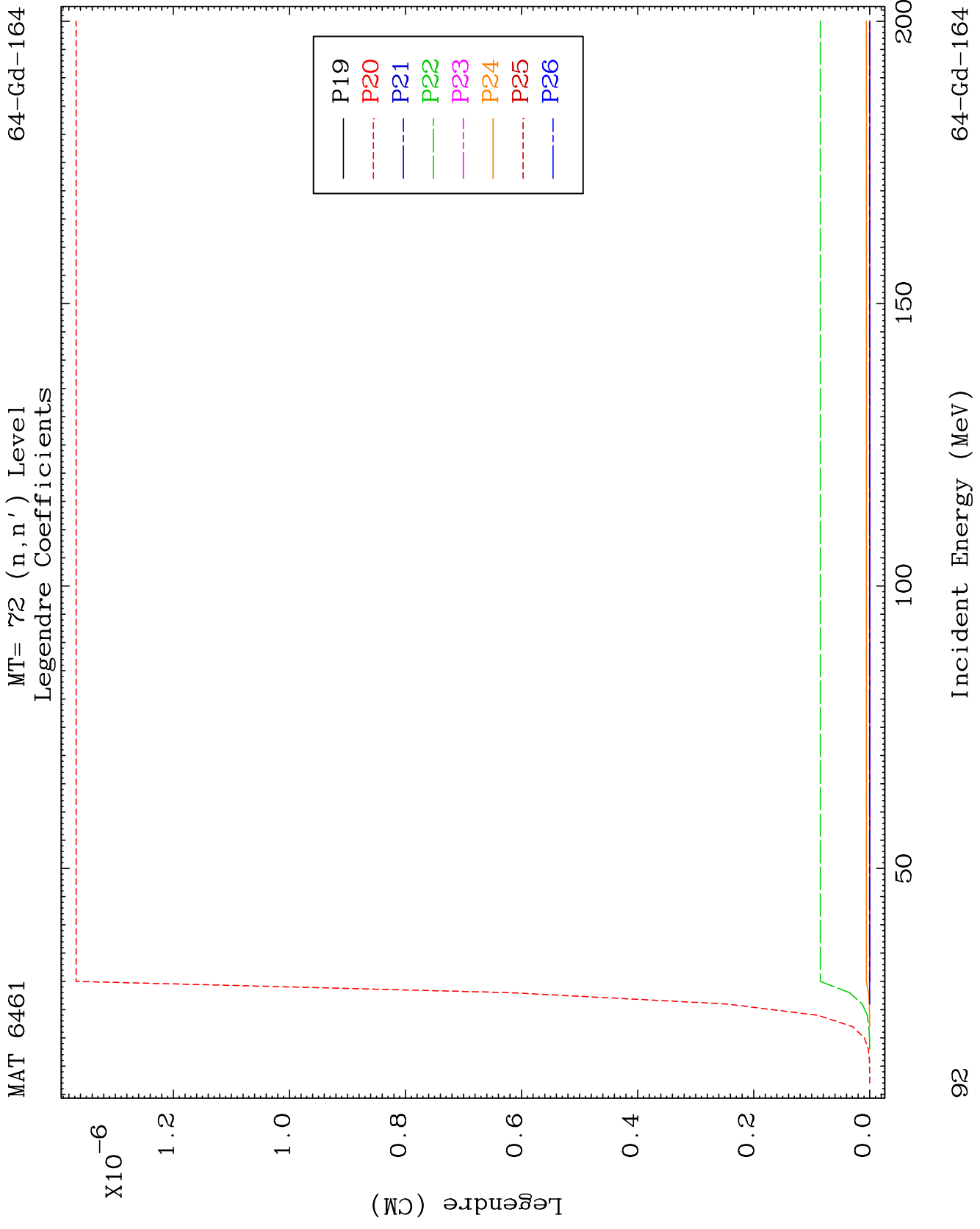
64-Gd-164



91

Incident Energy (MeV)

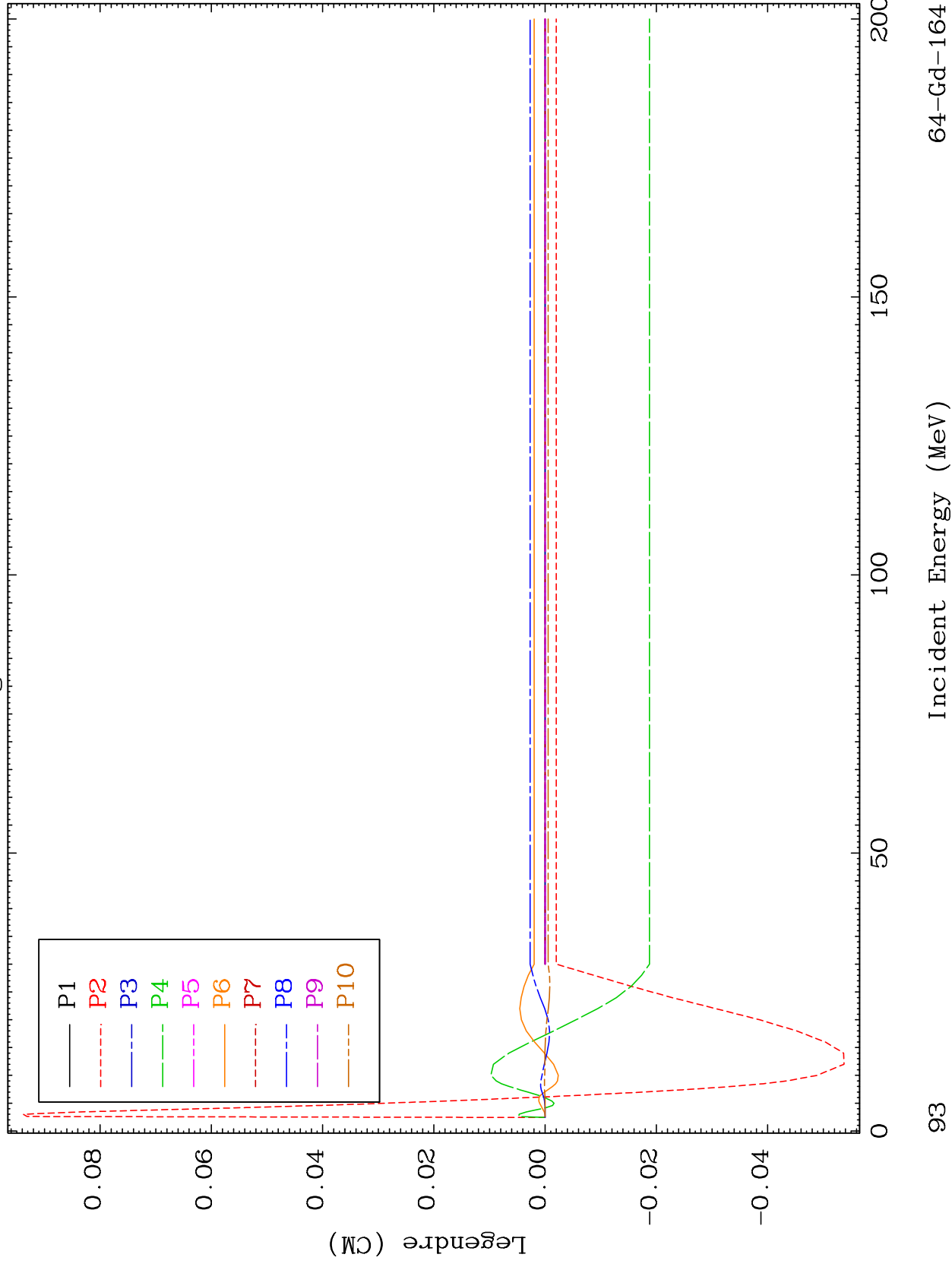
64-Gd-164



MAT 6461

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

64-Gd-164



93

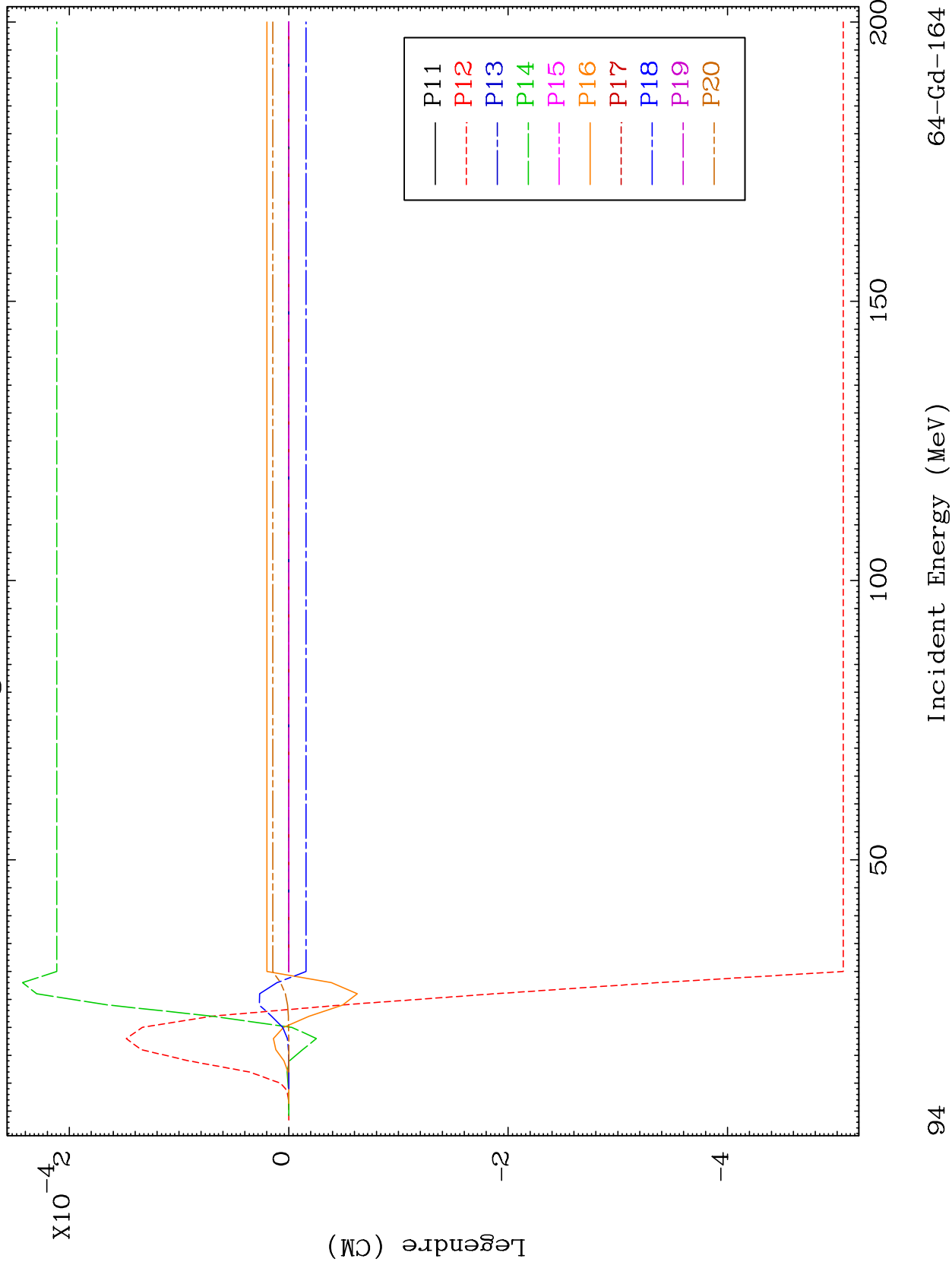
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

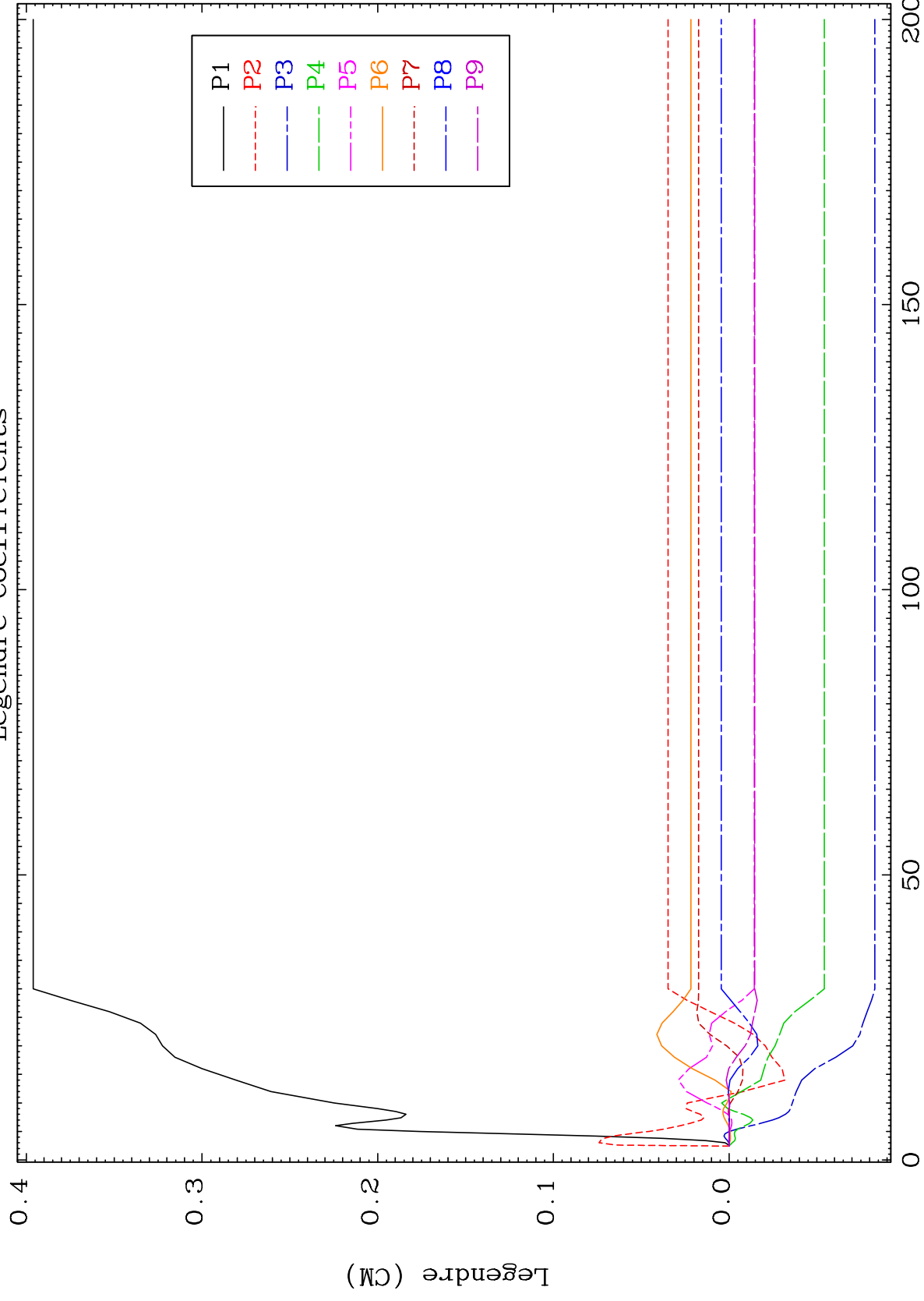
Incident Energy (MeV)

94

MAT 6461

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

64-Gd-164



96

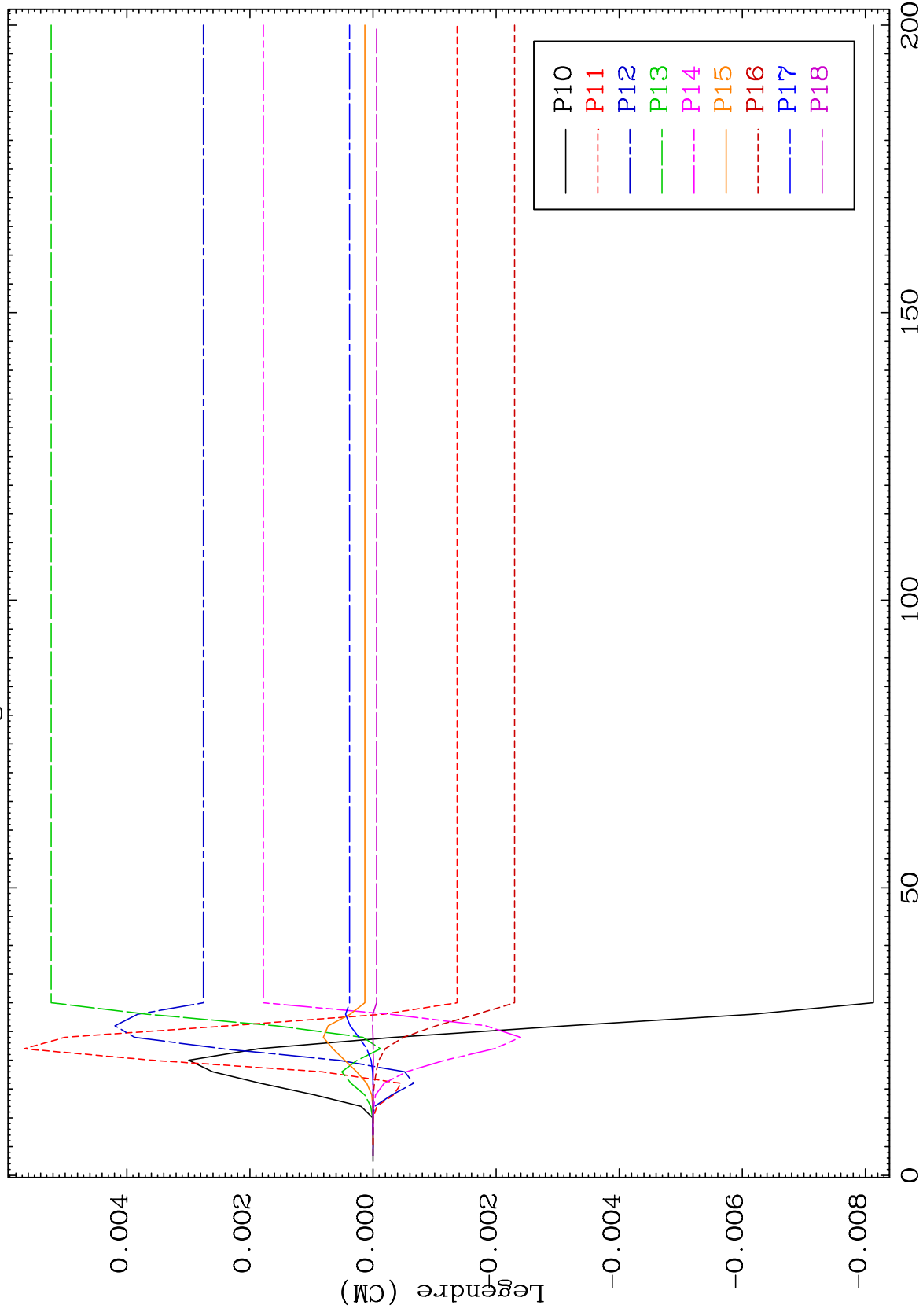
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



97

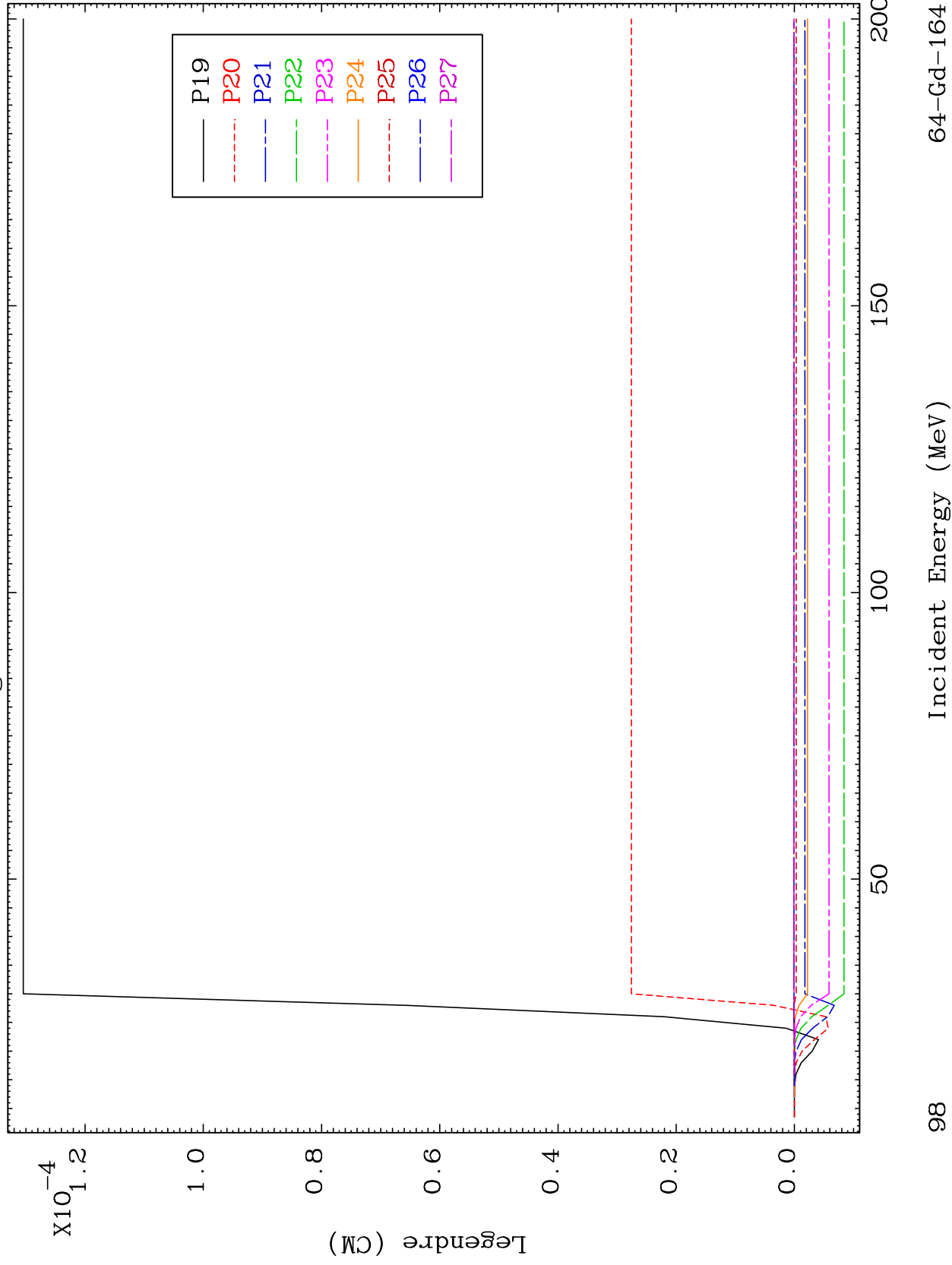
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

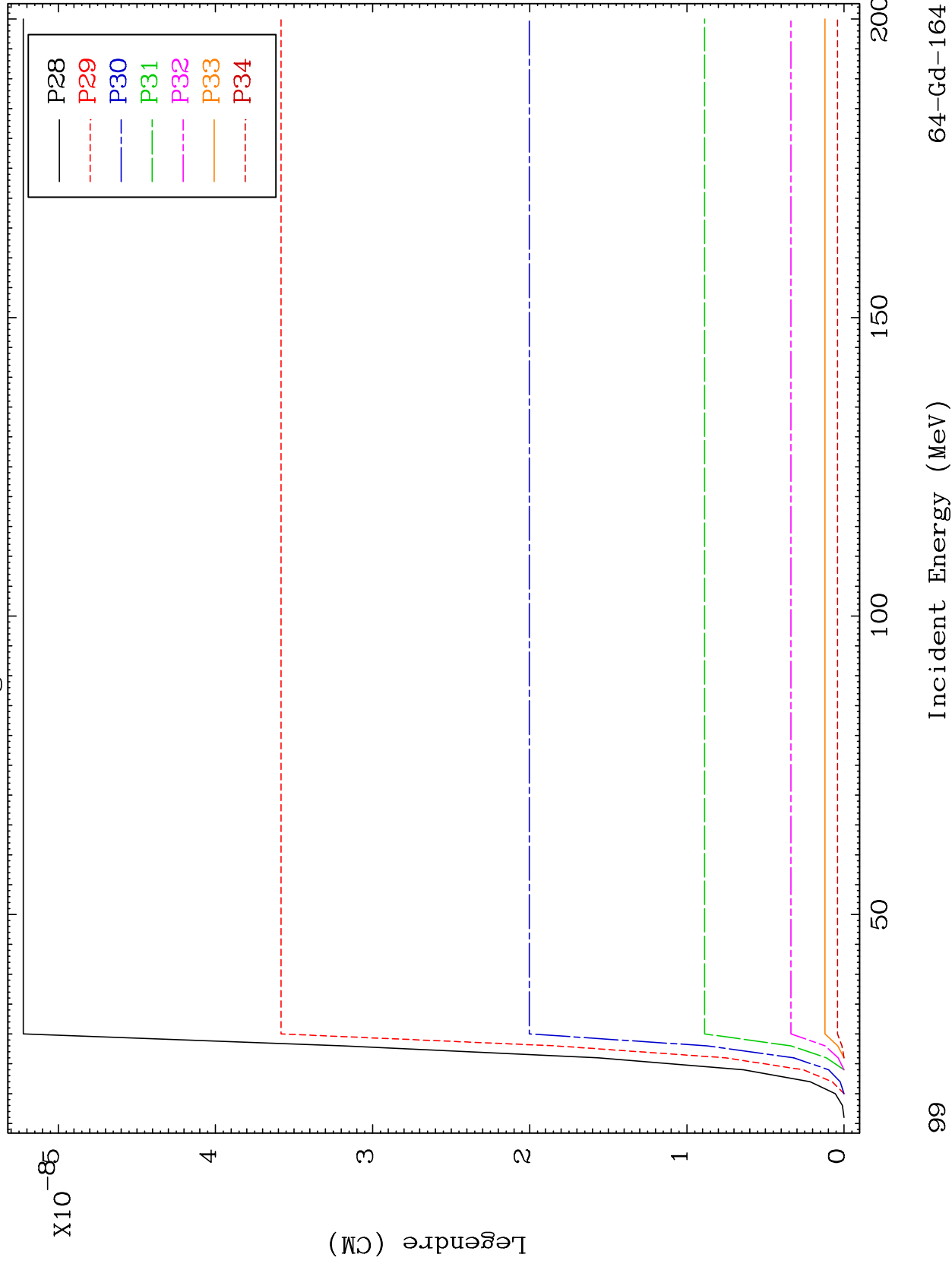
64-Gd-164



MAT 6461

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

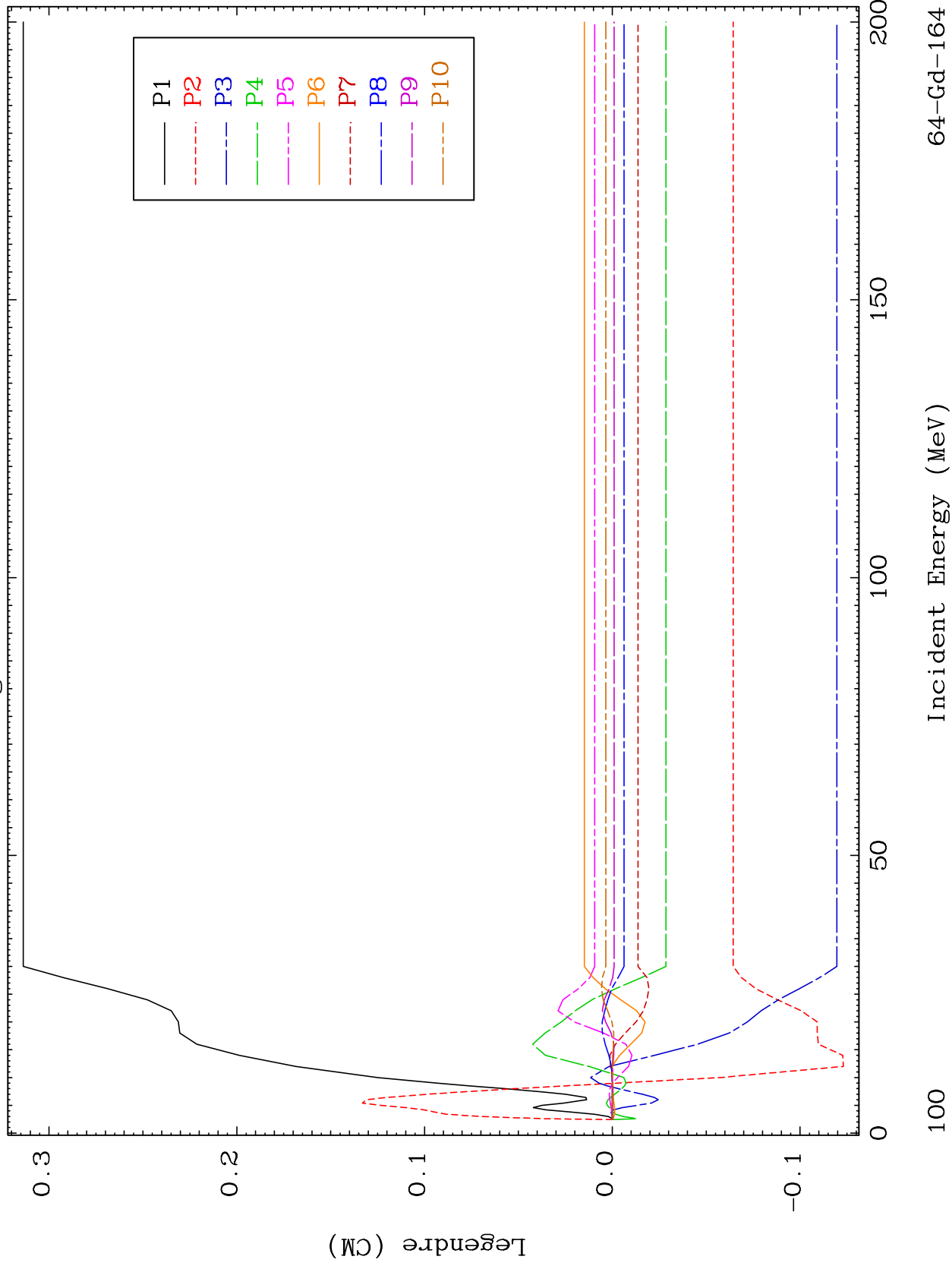
64-Gd-164



MAT 6461

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

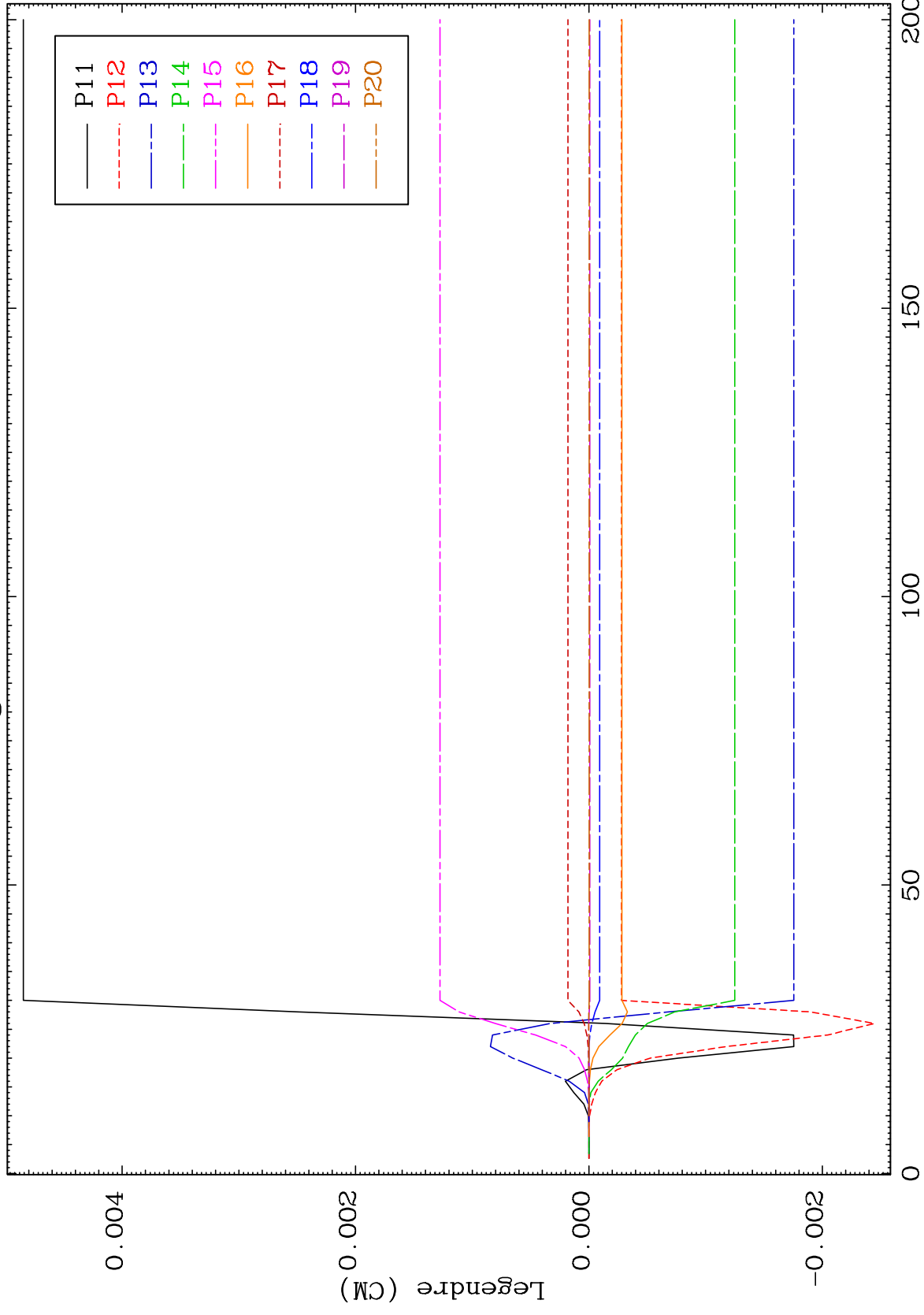
64-Gd-164



MAT 6461

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

64-Gd-164



101

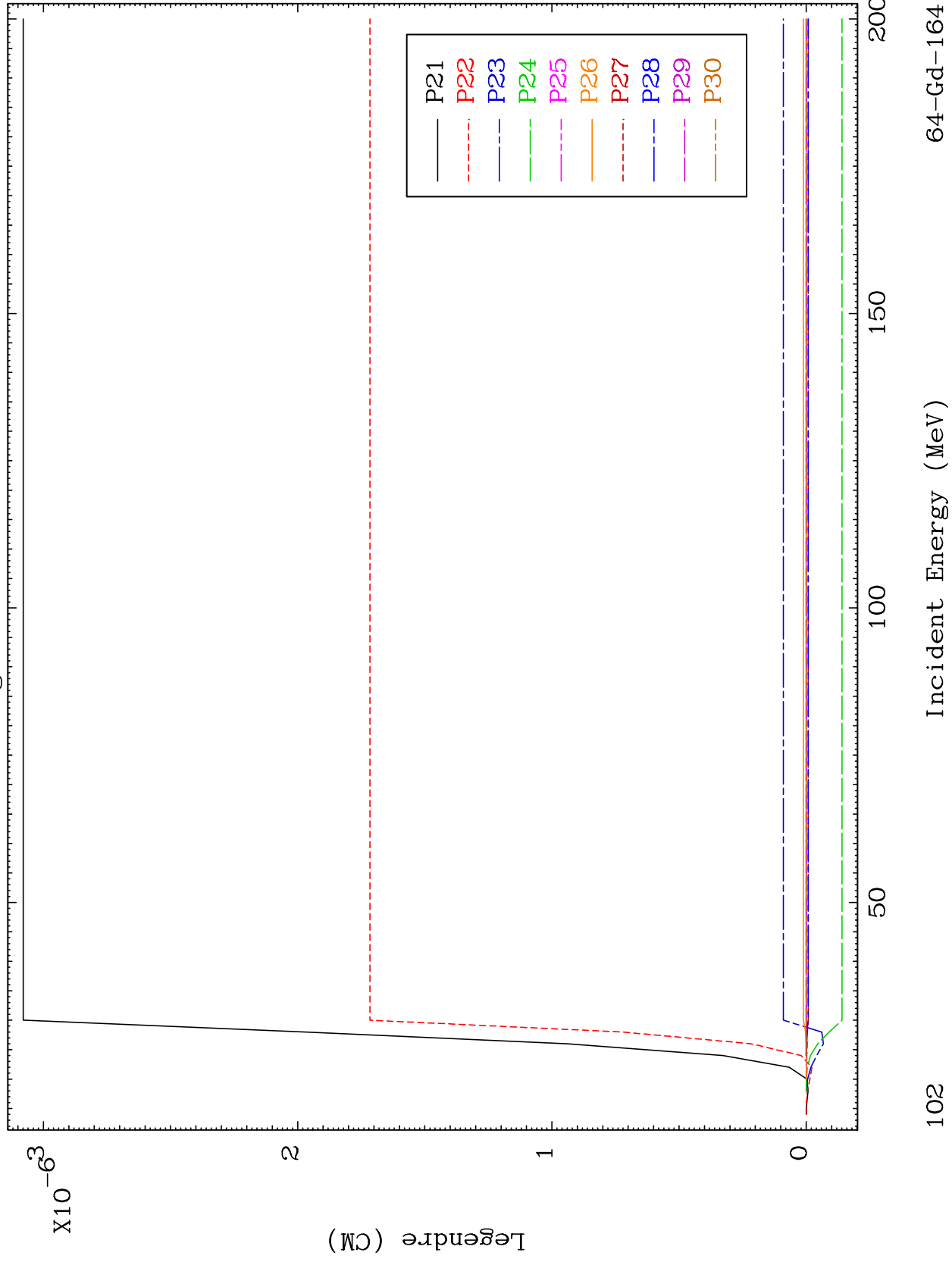
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



102

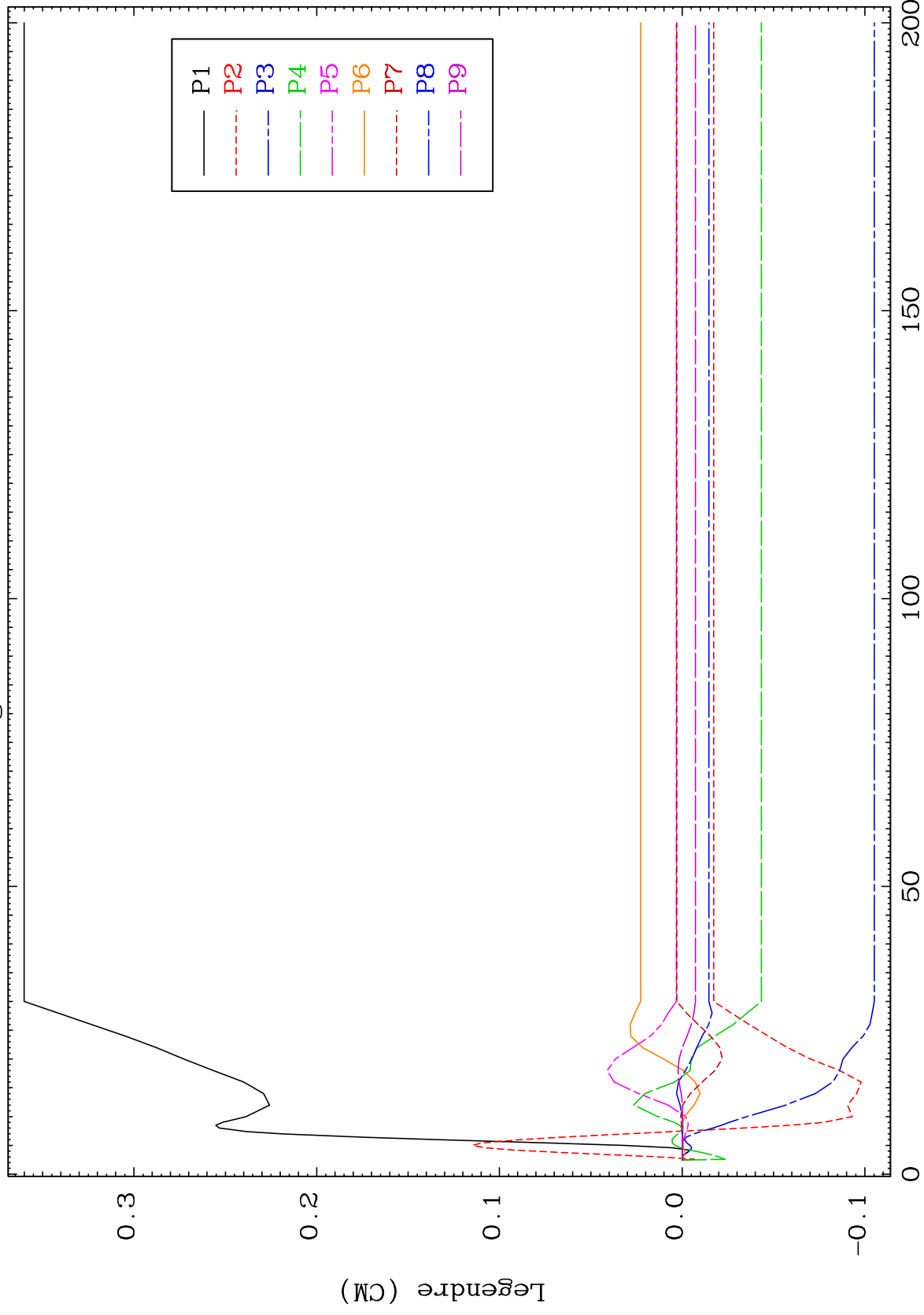
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



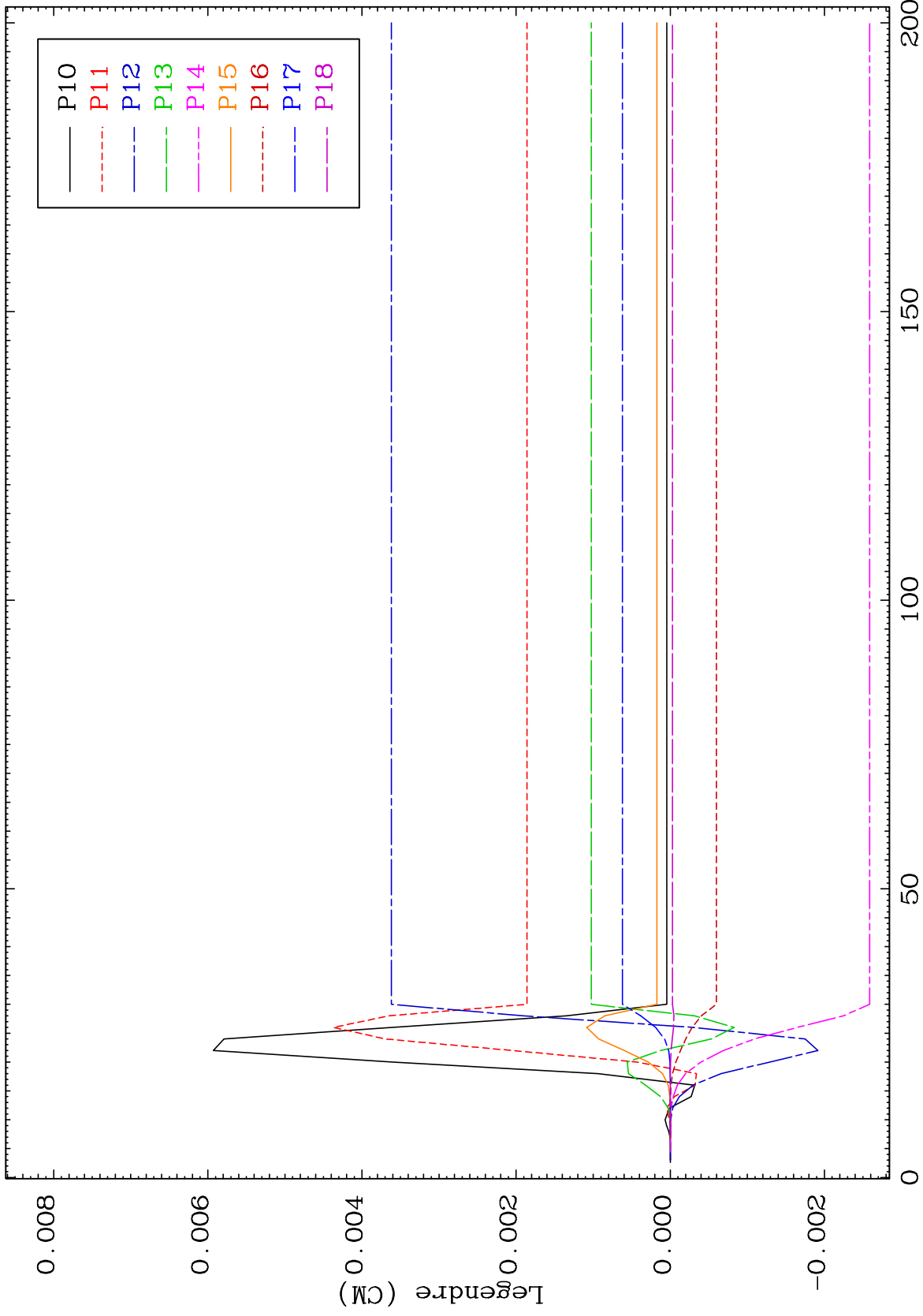
103

64-Gd-164

MAT 6461

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

64-Gd-164



104

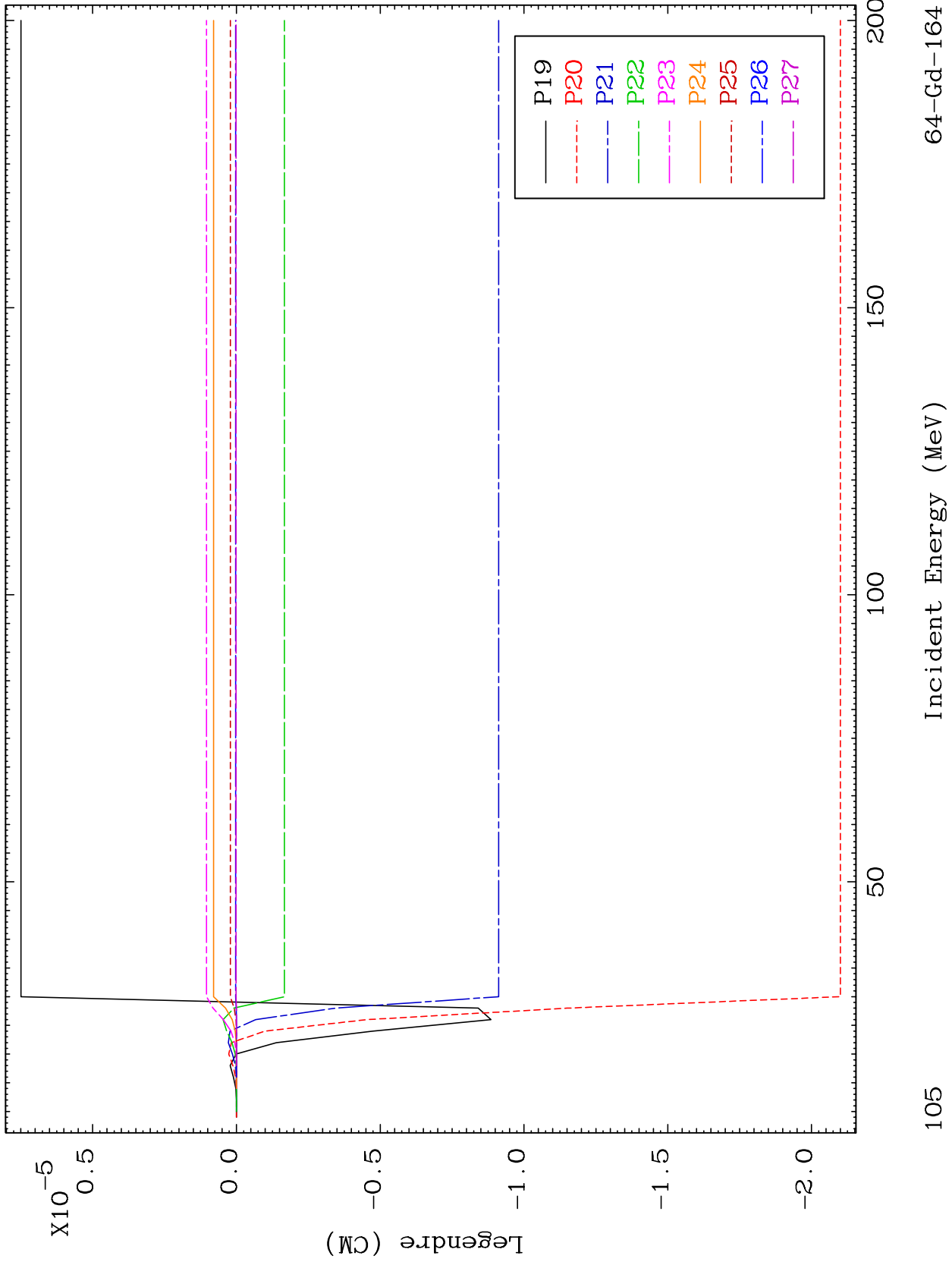
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



105

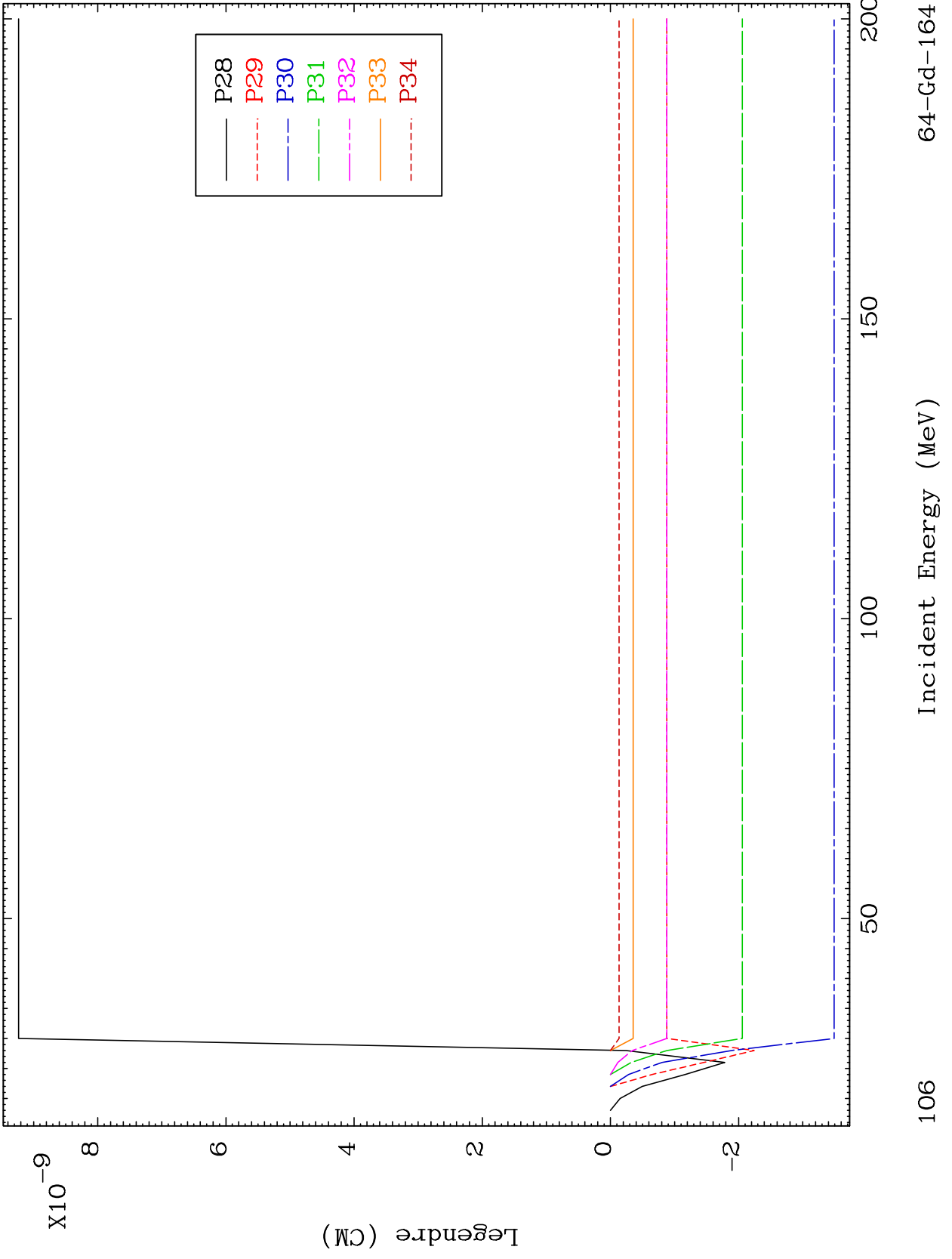
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



106

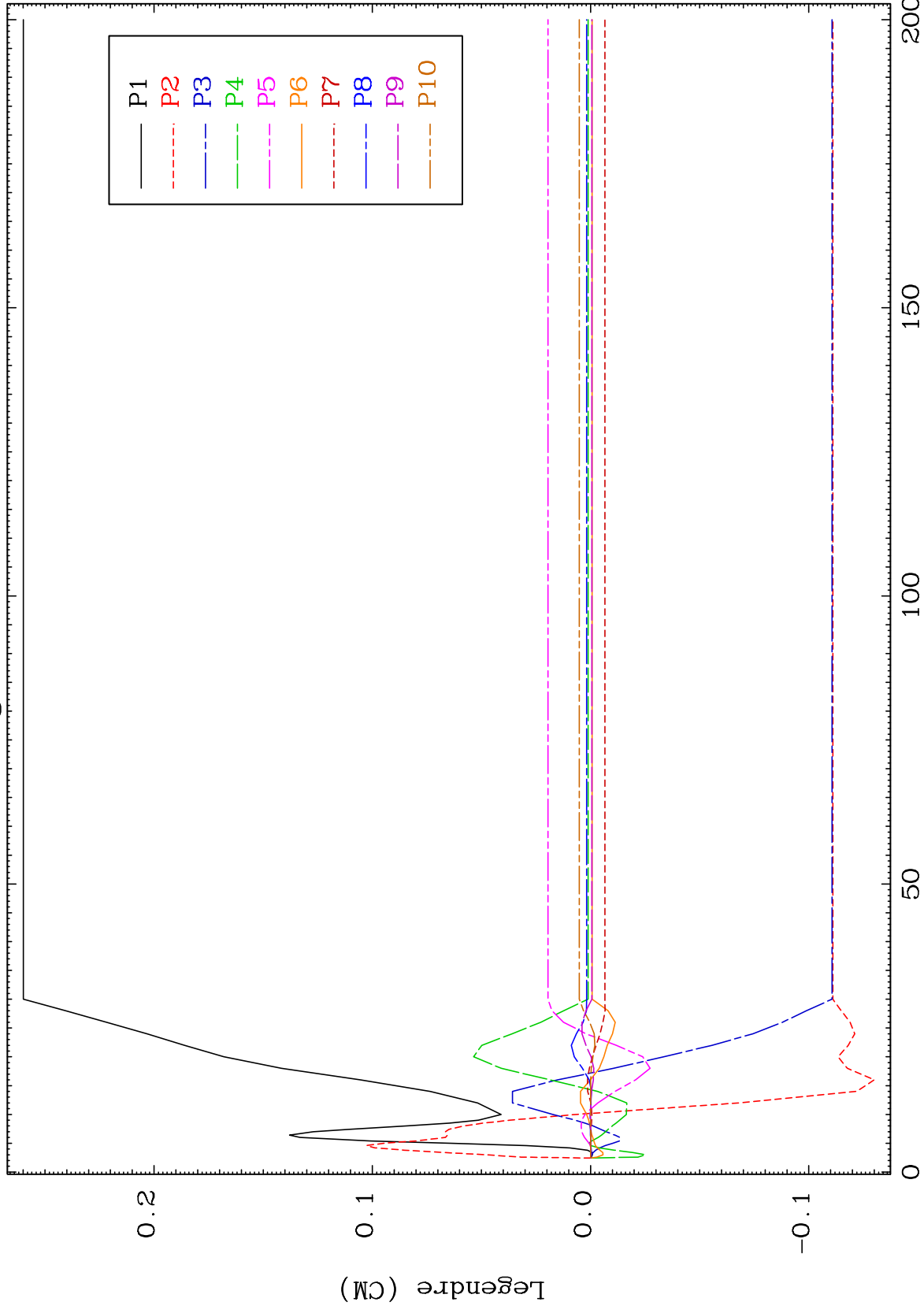
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



107

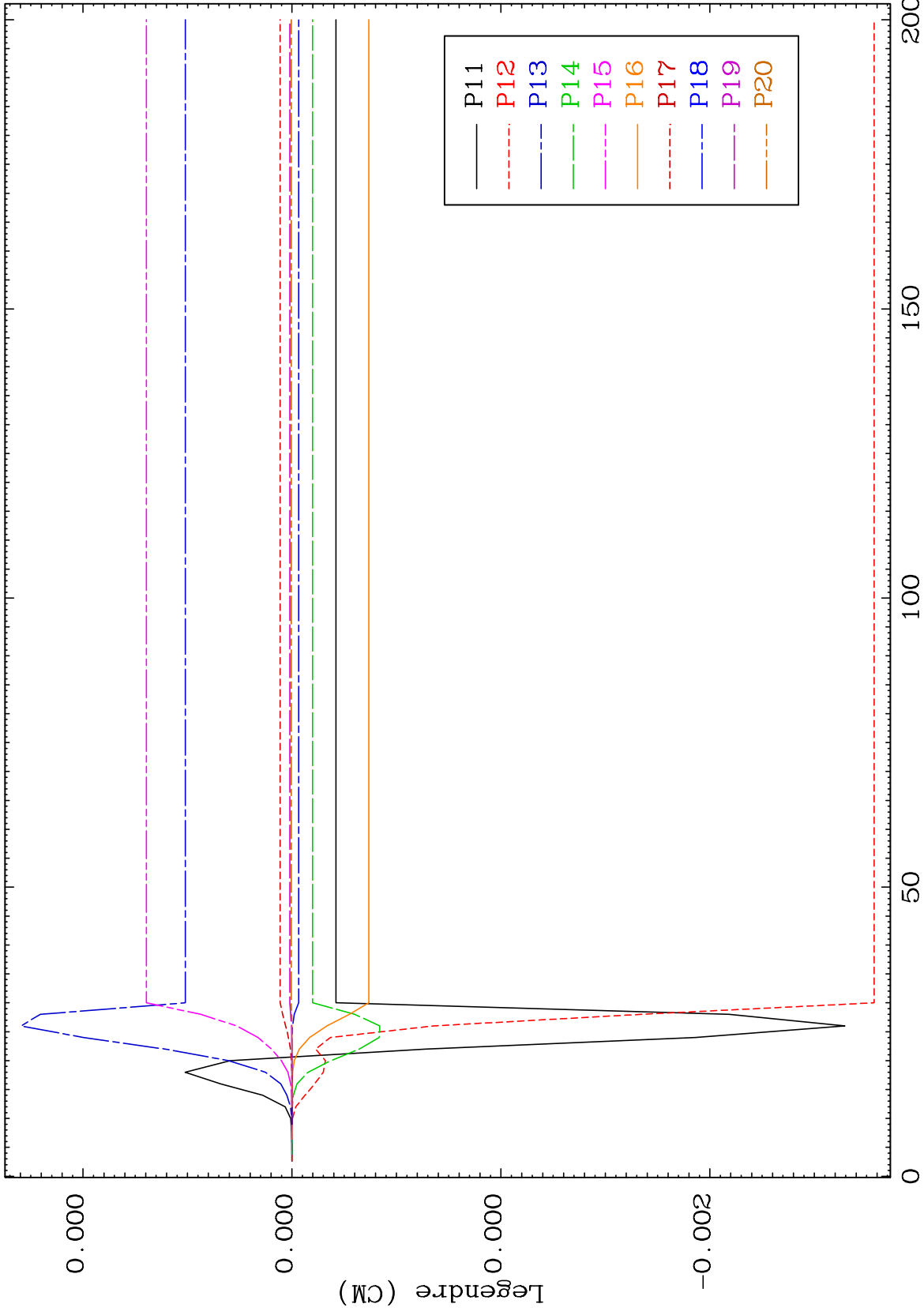
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



108

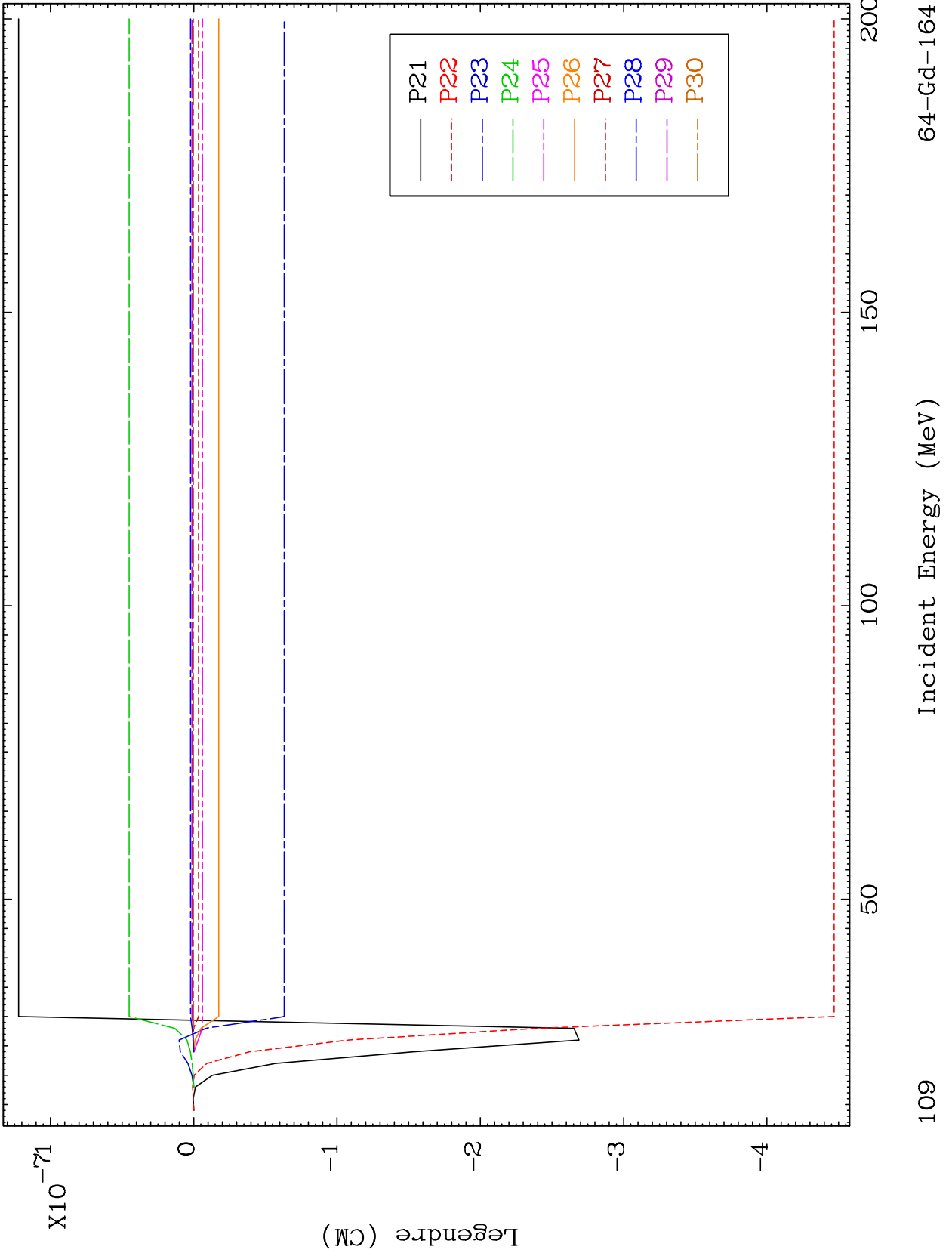
Incident Energy (MeV)

64-Gd-164

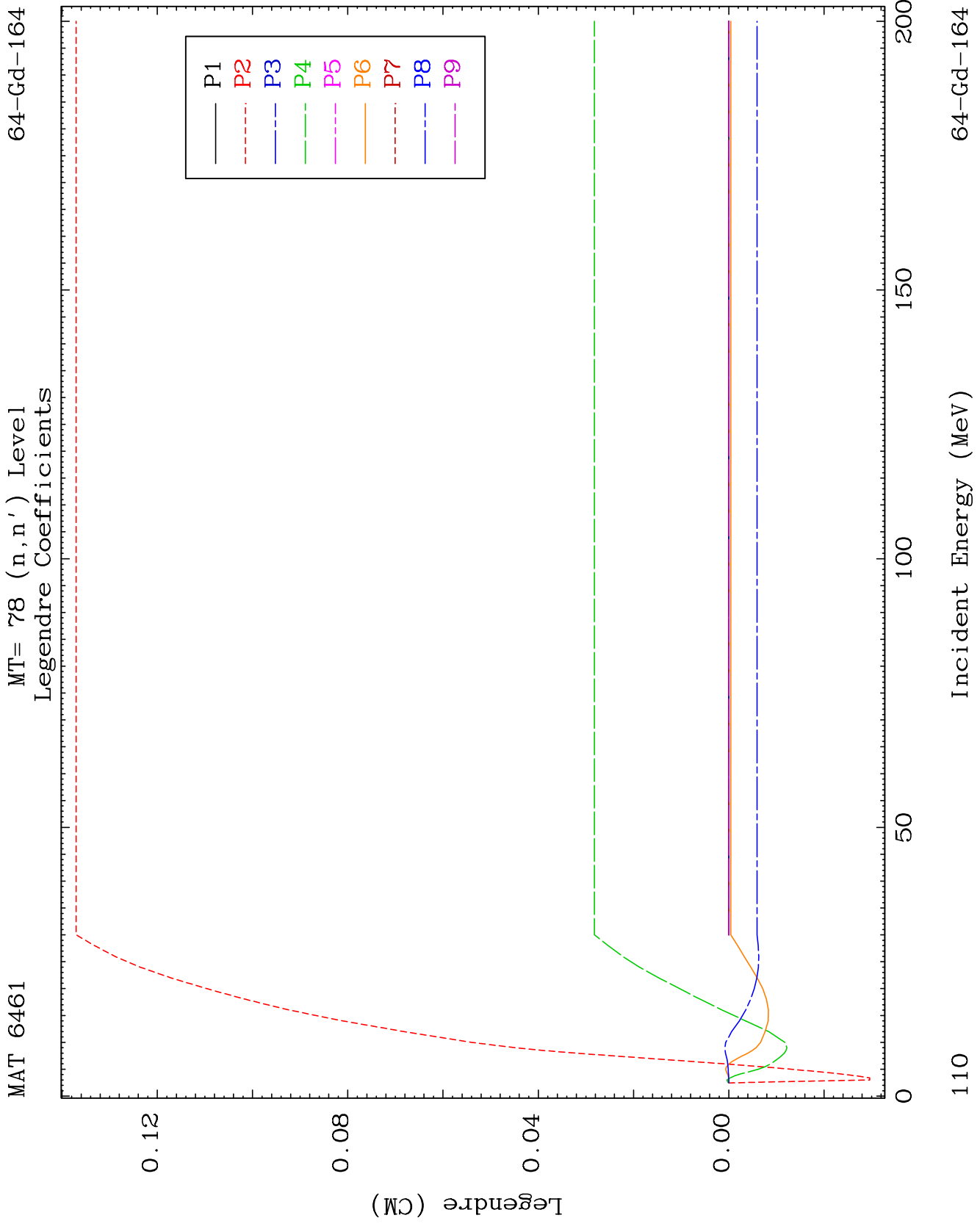
MAT 6461

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

64-Gd-164



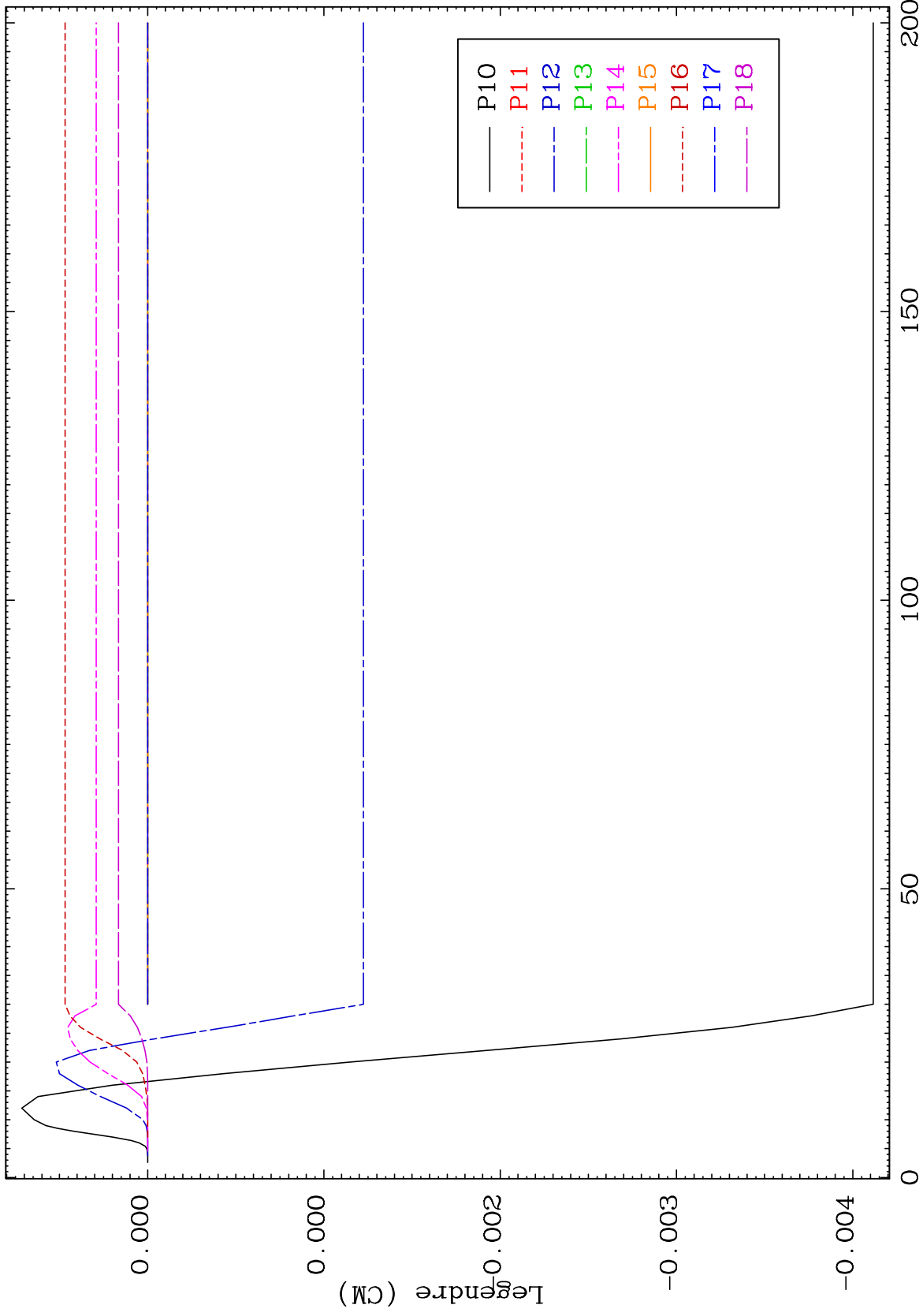
109



MAT 6461

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

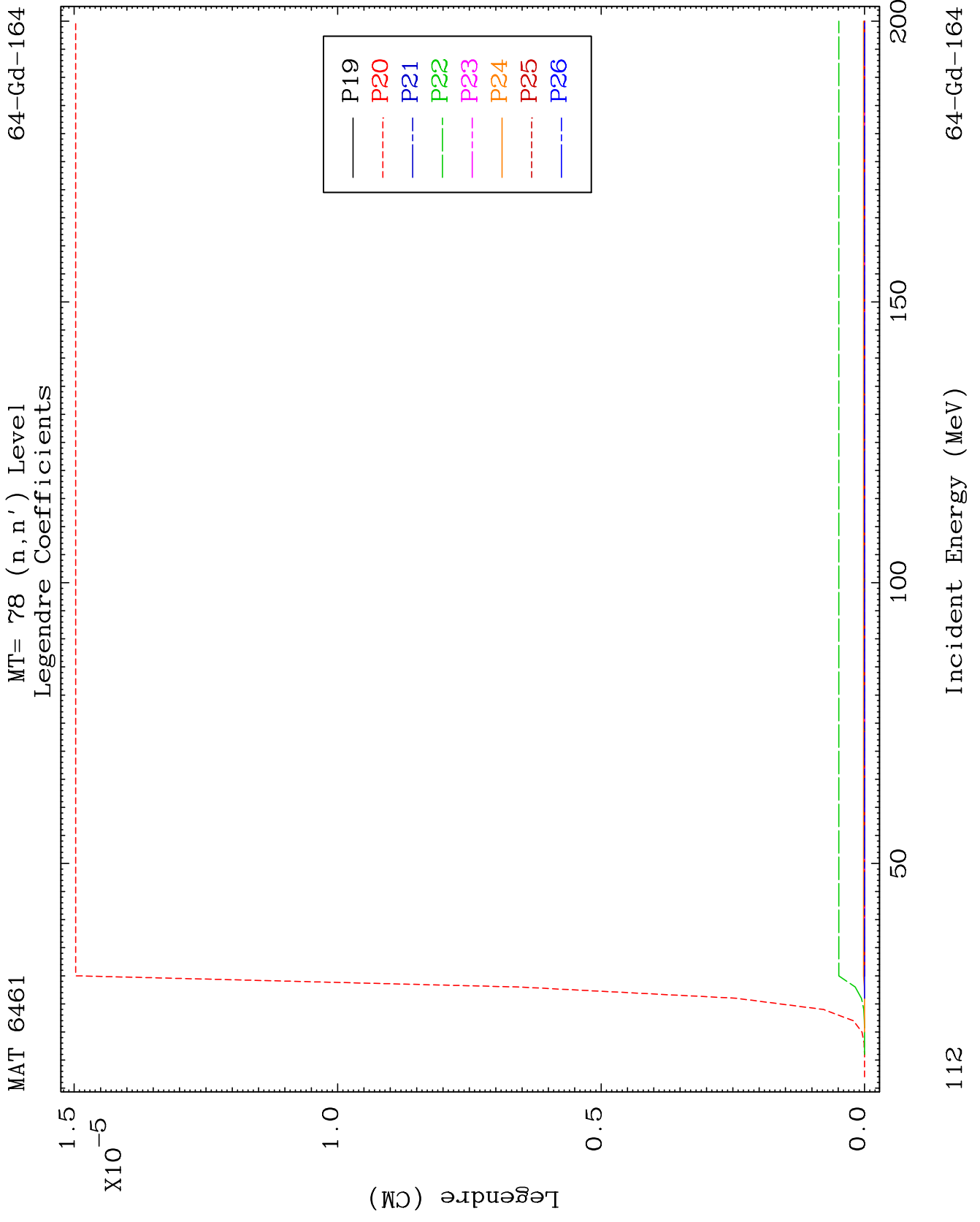
64-Gd-164



111

Incident Energy (MeV)

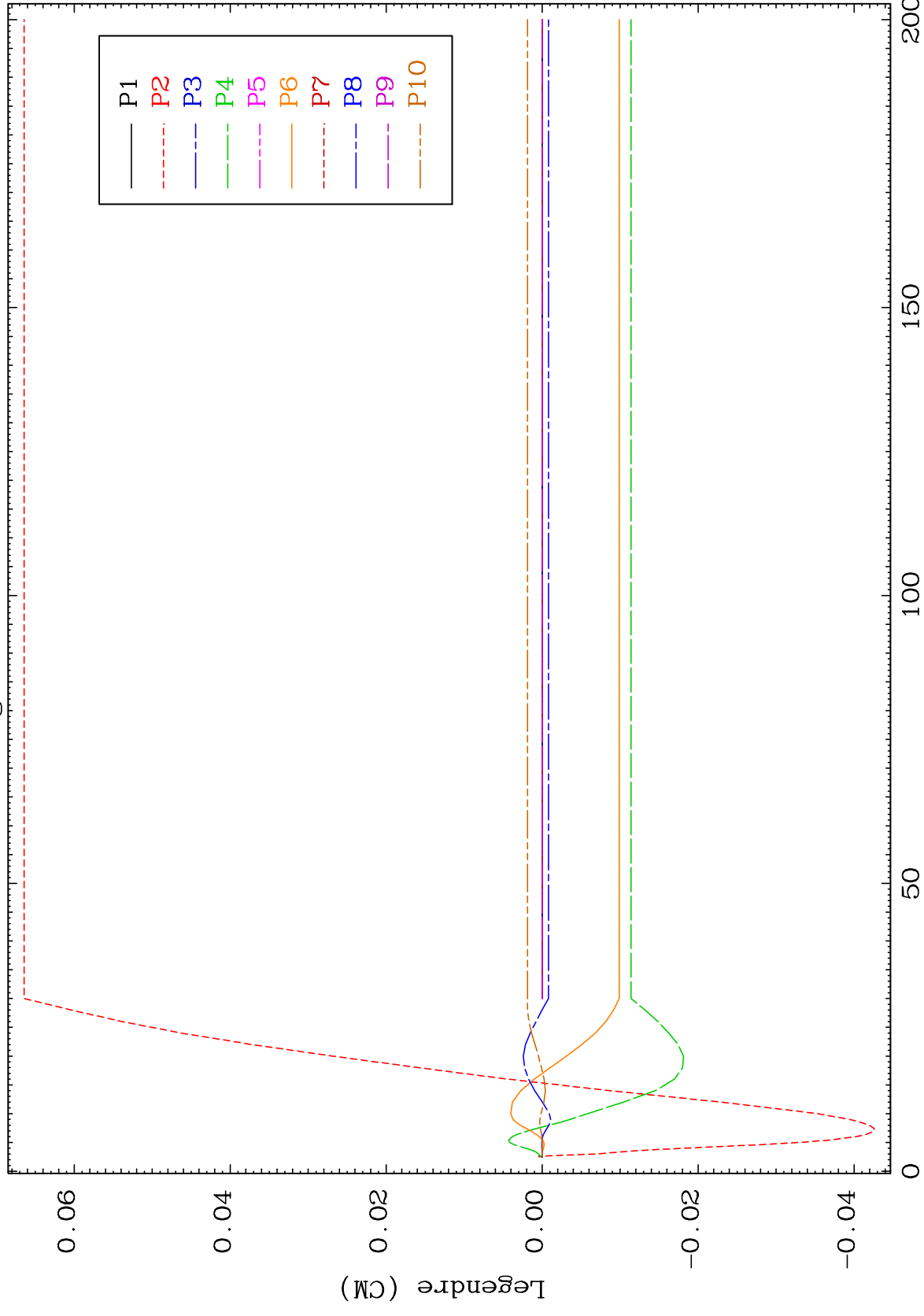
64-Gd-164



MAT 6461

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

64-Gd-164



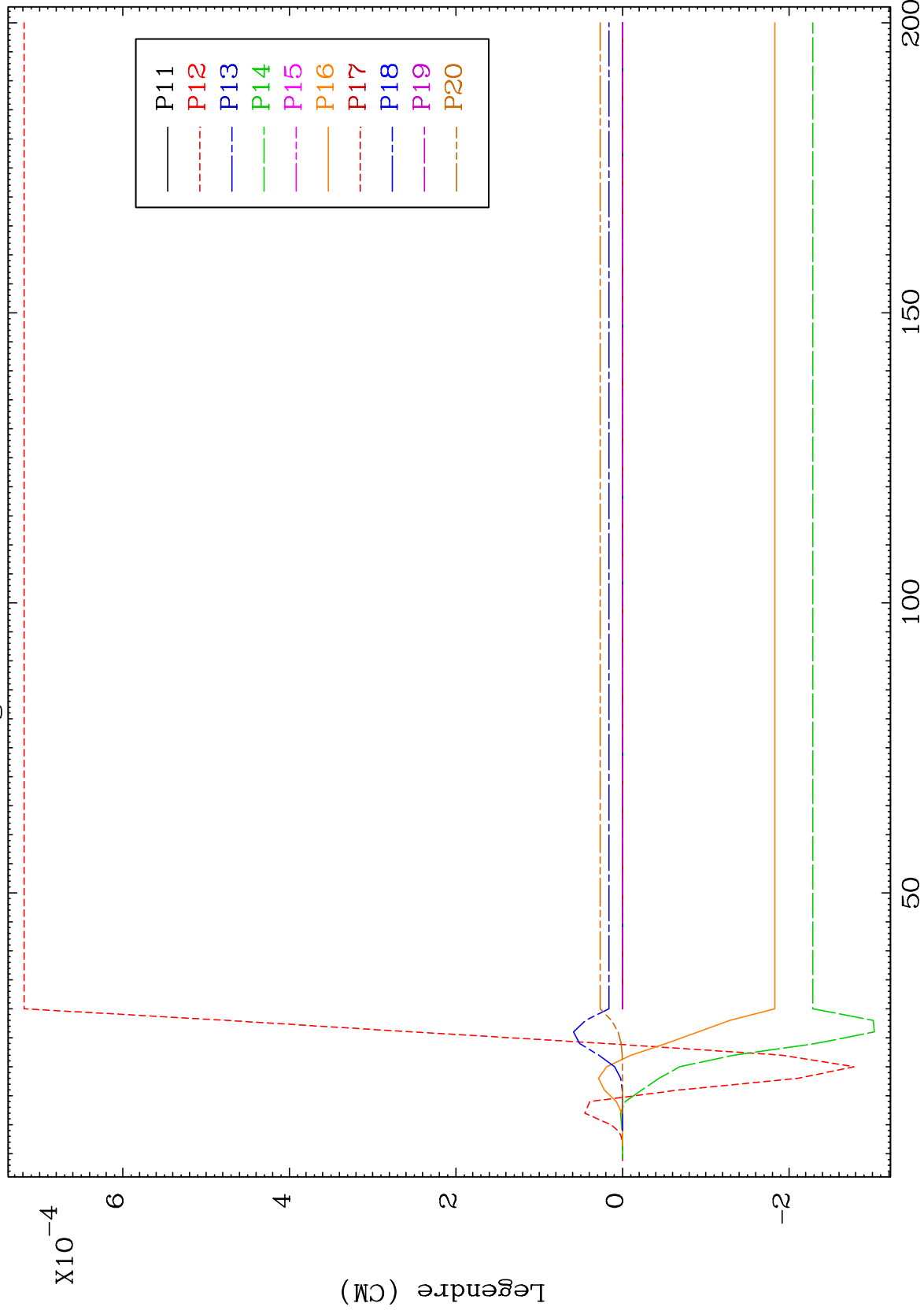
113

64-Gd-164

MAT 6461

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

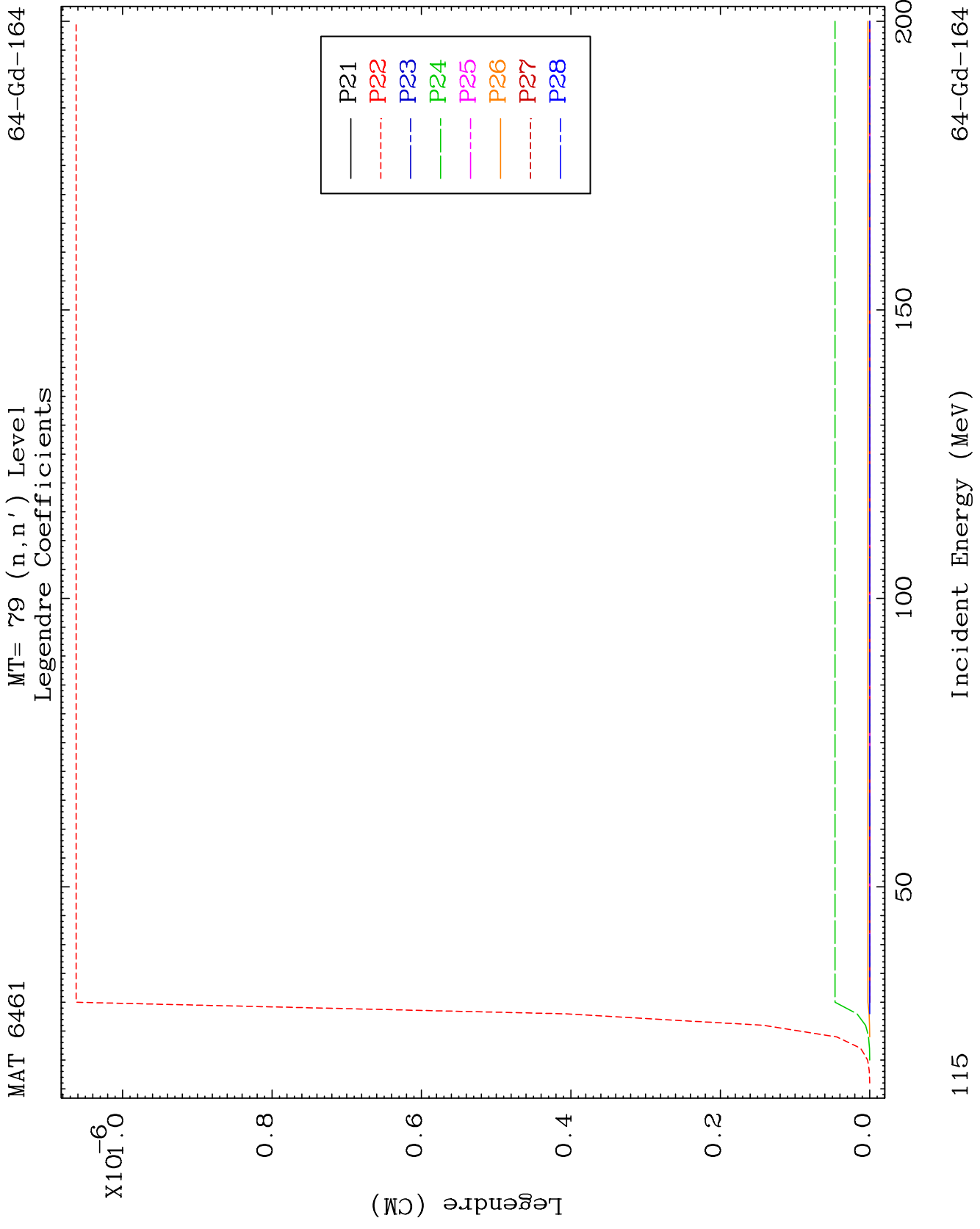
64-Gd-164

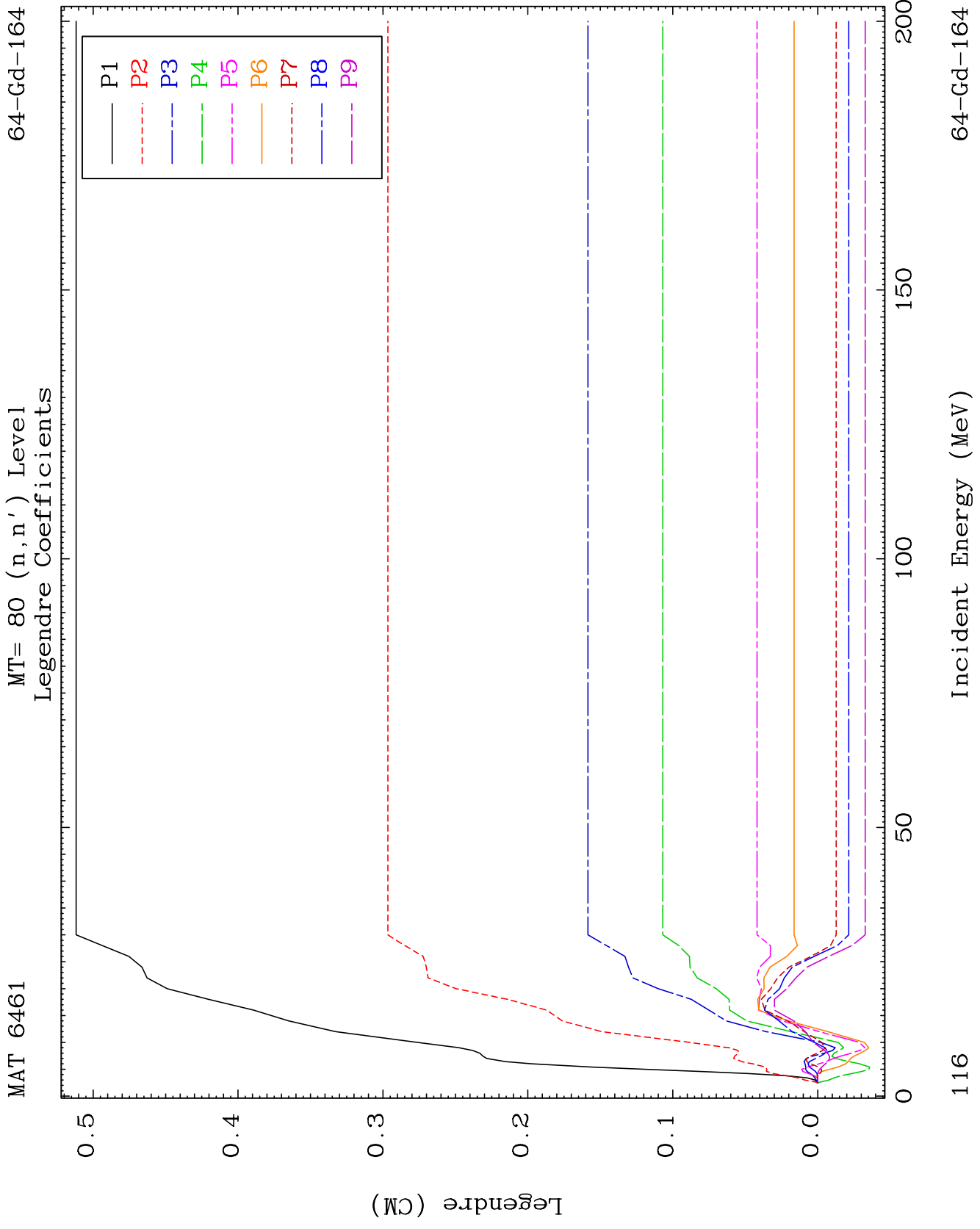


114

Incident Energy (MeV)

64-Gd-164

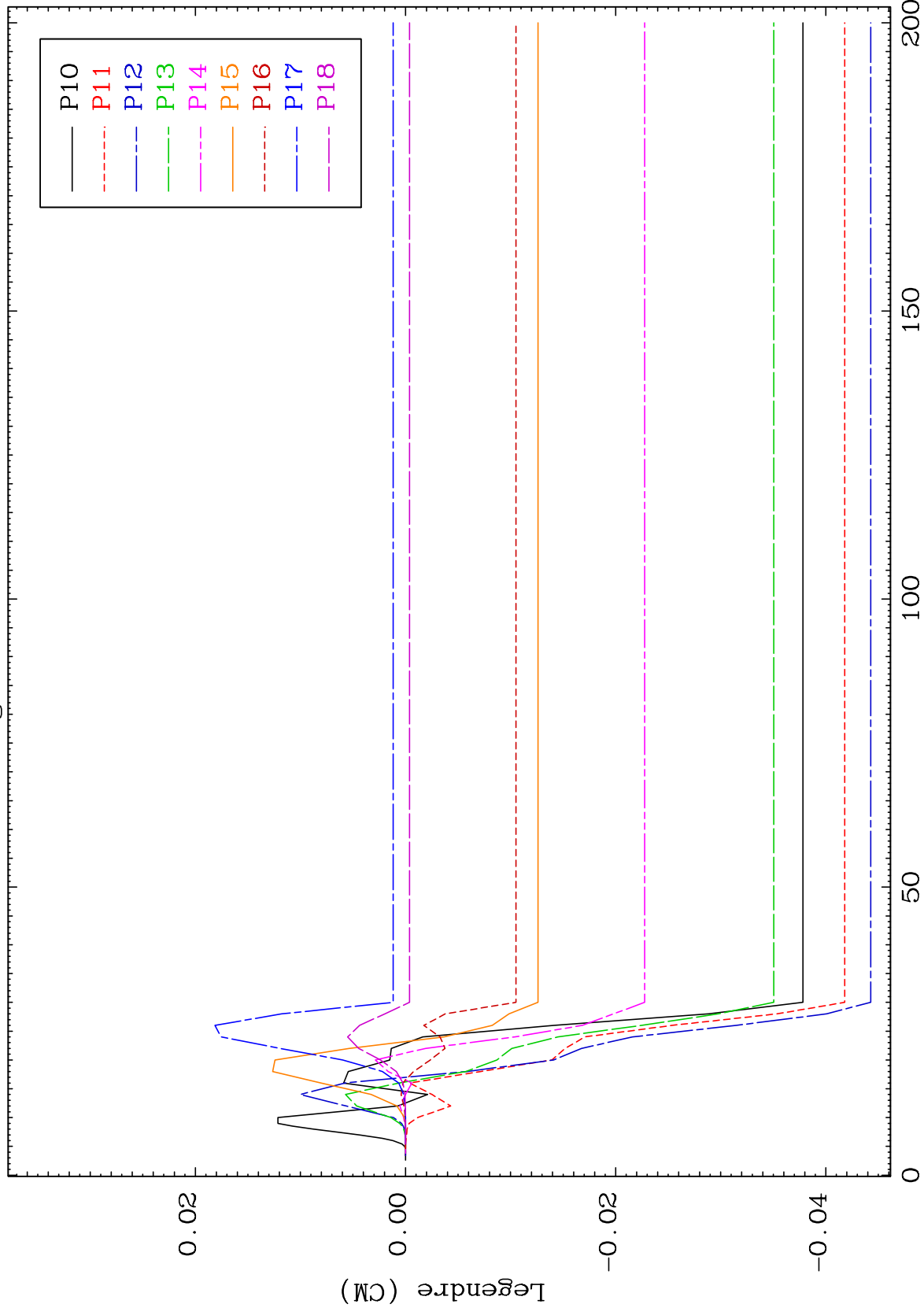




MAT 6461

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-164



117

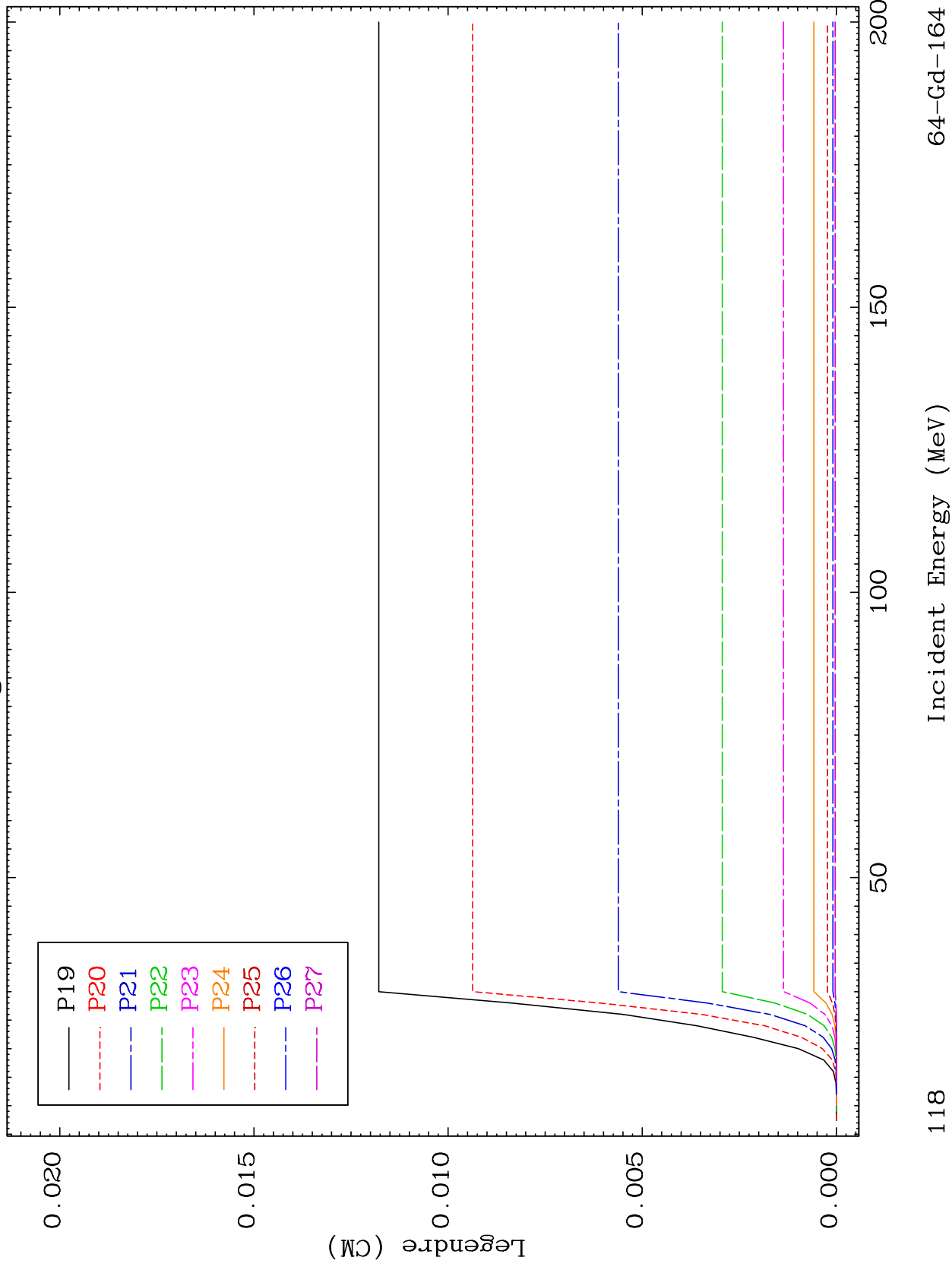
Incident Energy (MeV)

64-Gd-164

MAT 6461

MT= 80 (n,n') Level
Legendre Coefficients

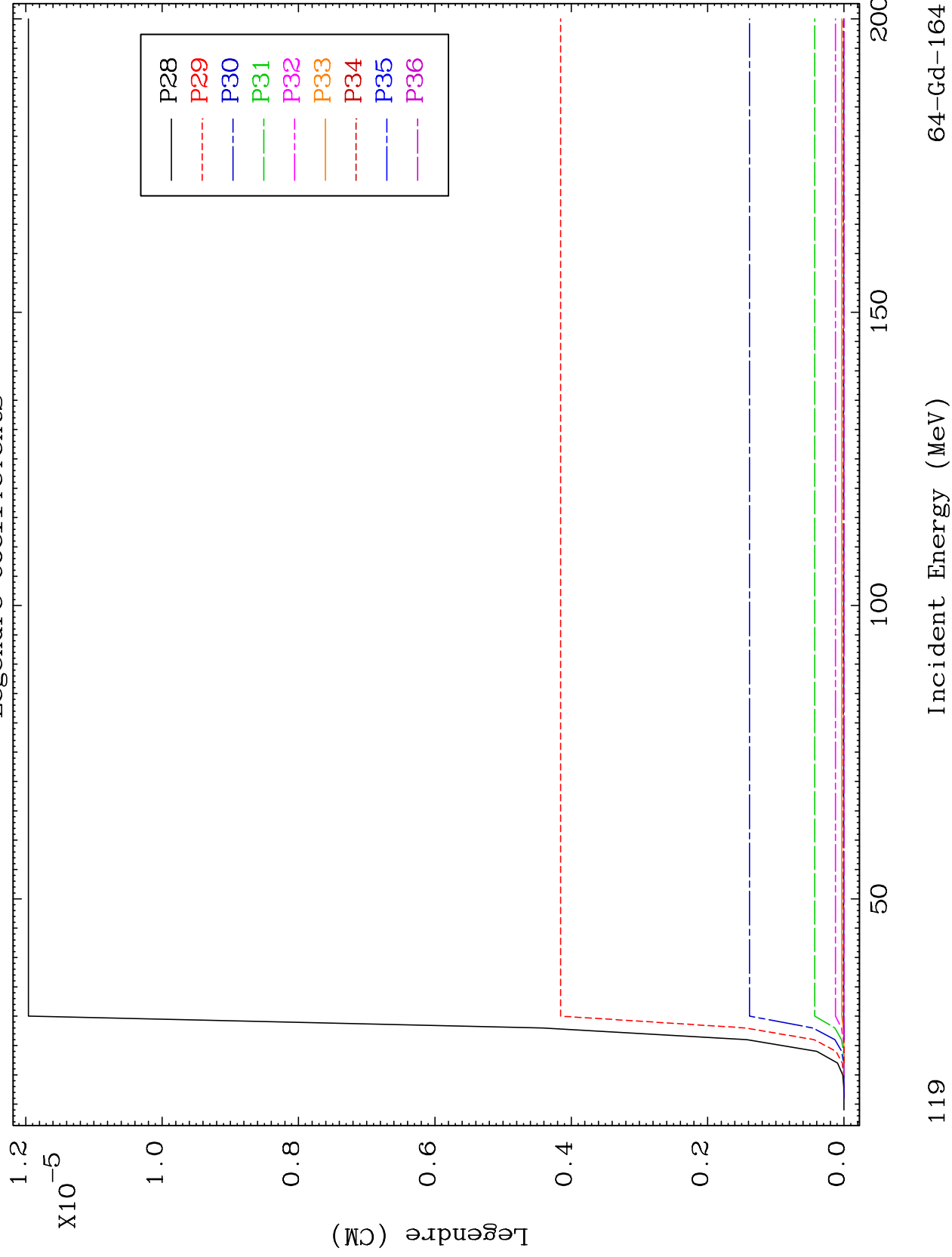
64-Gd-164



MAT 6461

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-164



119

Incident Energy (MeV)

64-Gd-164