

Program EVALPLOT
(Version 2021-1)

by

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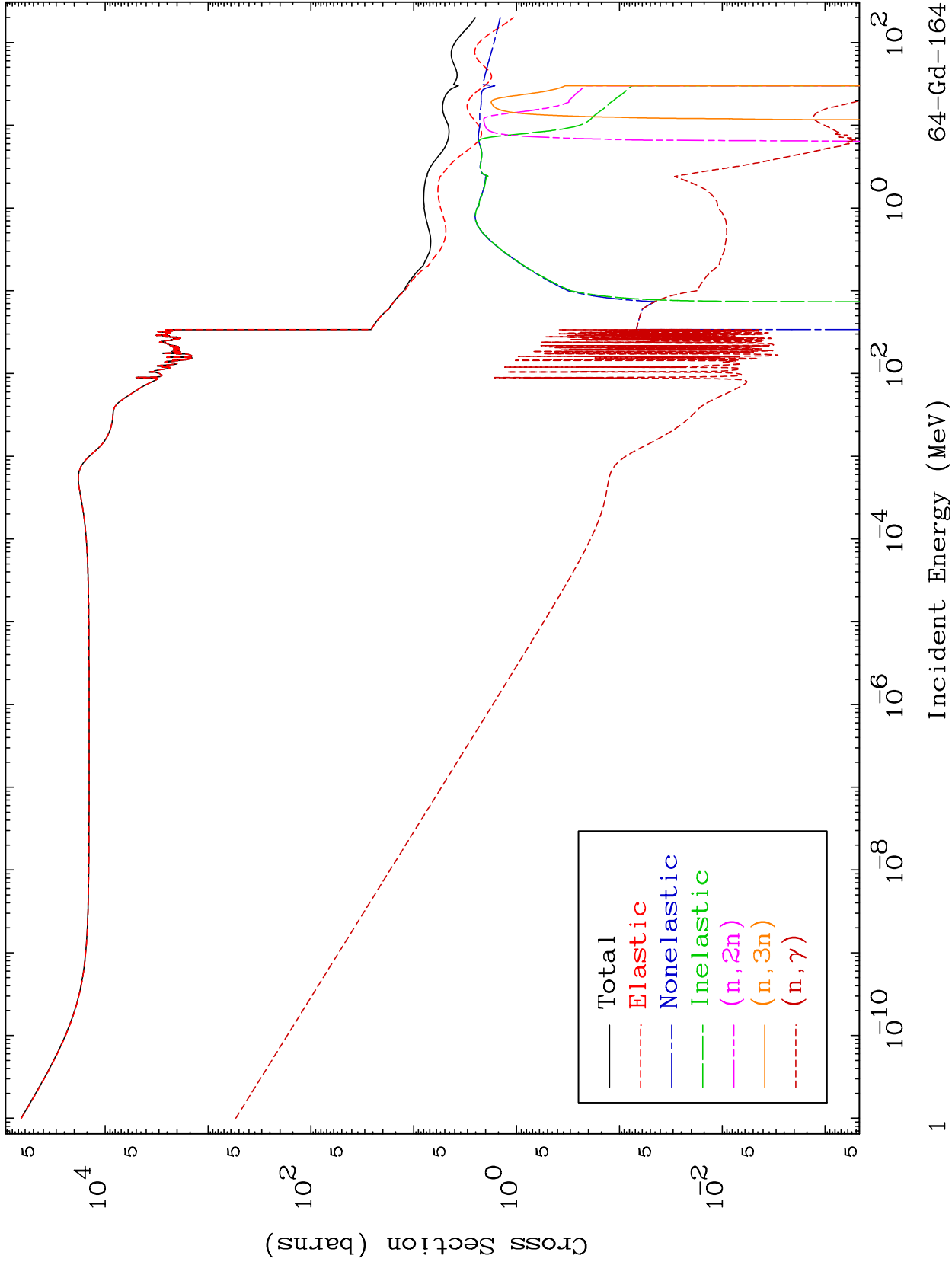
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Press Mouse Button to Start

MAT 6461

Neutron Major
293 Kelvin Cross Sections

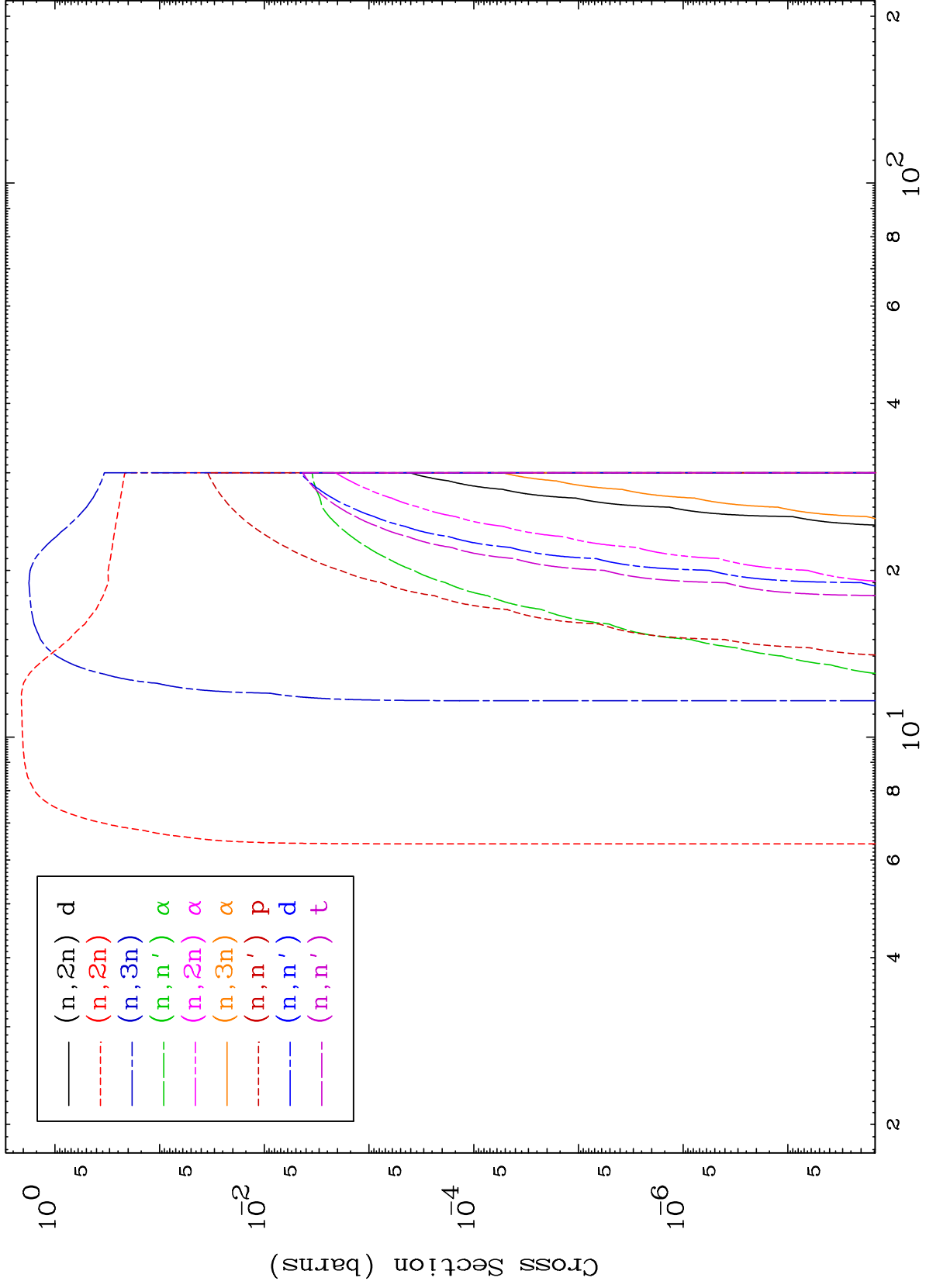
64-Gd-164



MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-164



2

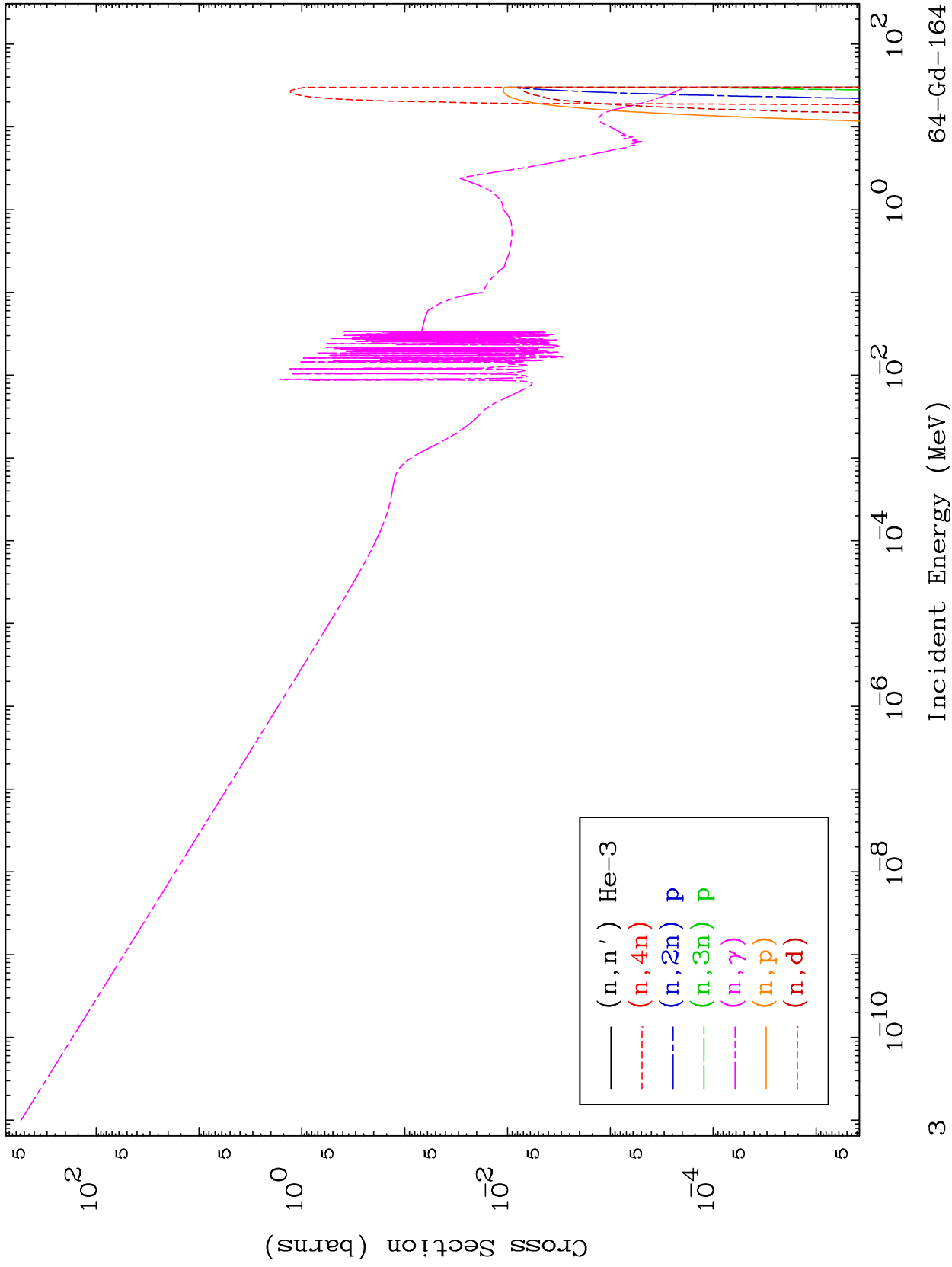
Incident Energy (MeV)

64-Gd-164

MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

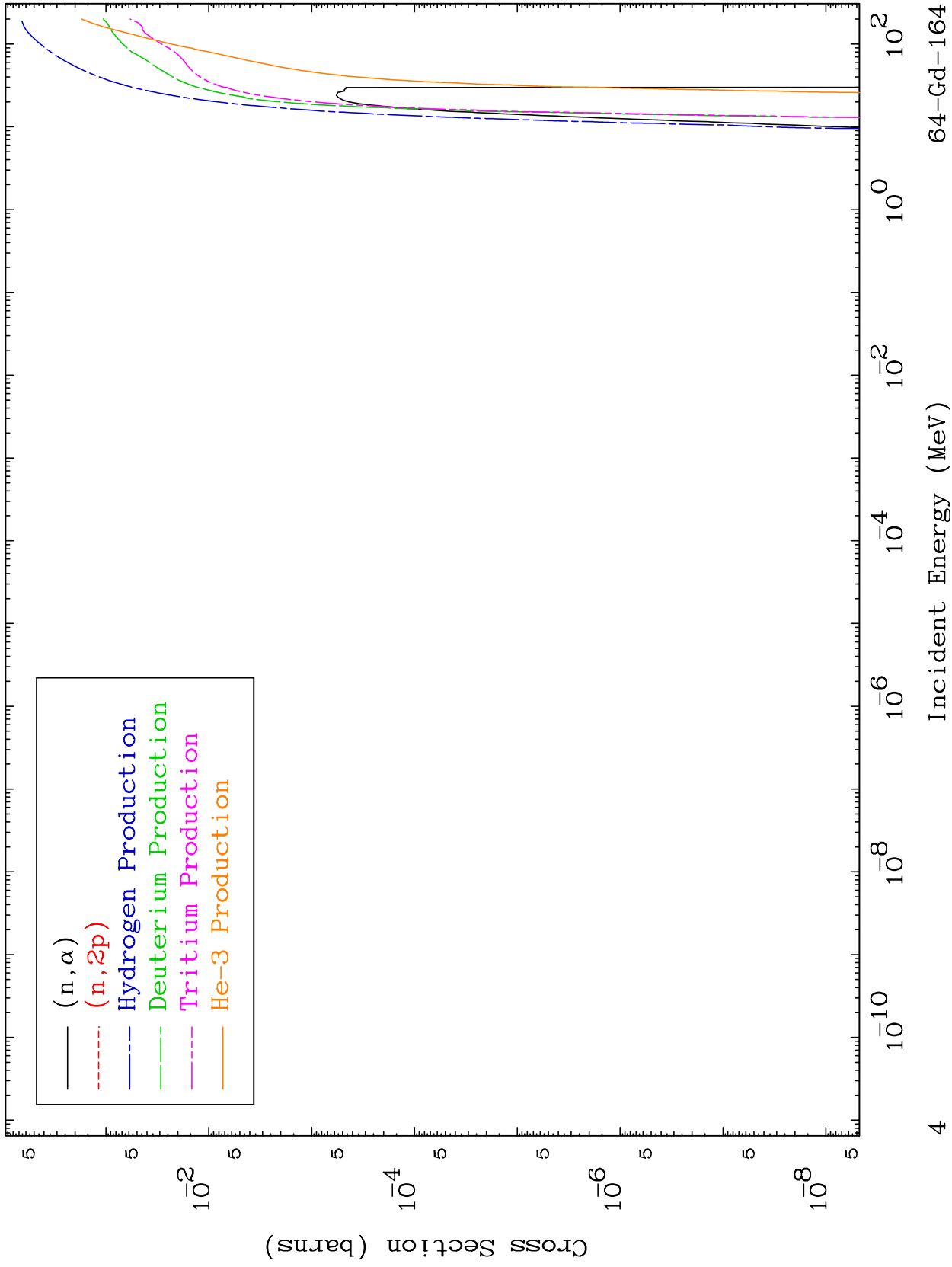
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MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

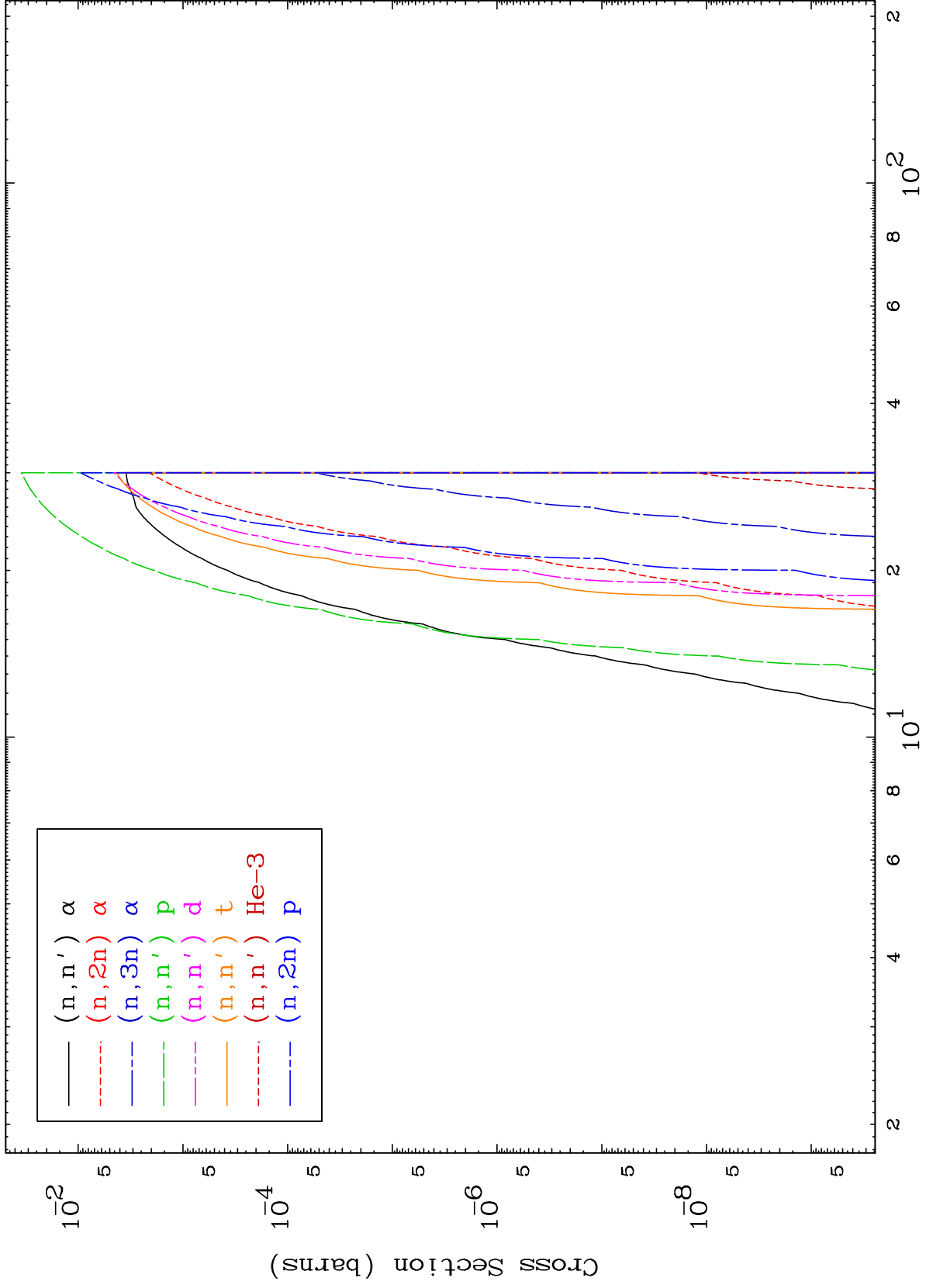
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MAT 6461

293 Kelvin Particle Charged Particle Cross Sections

64-Gd-164



5

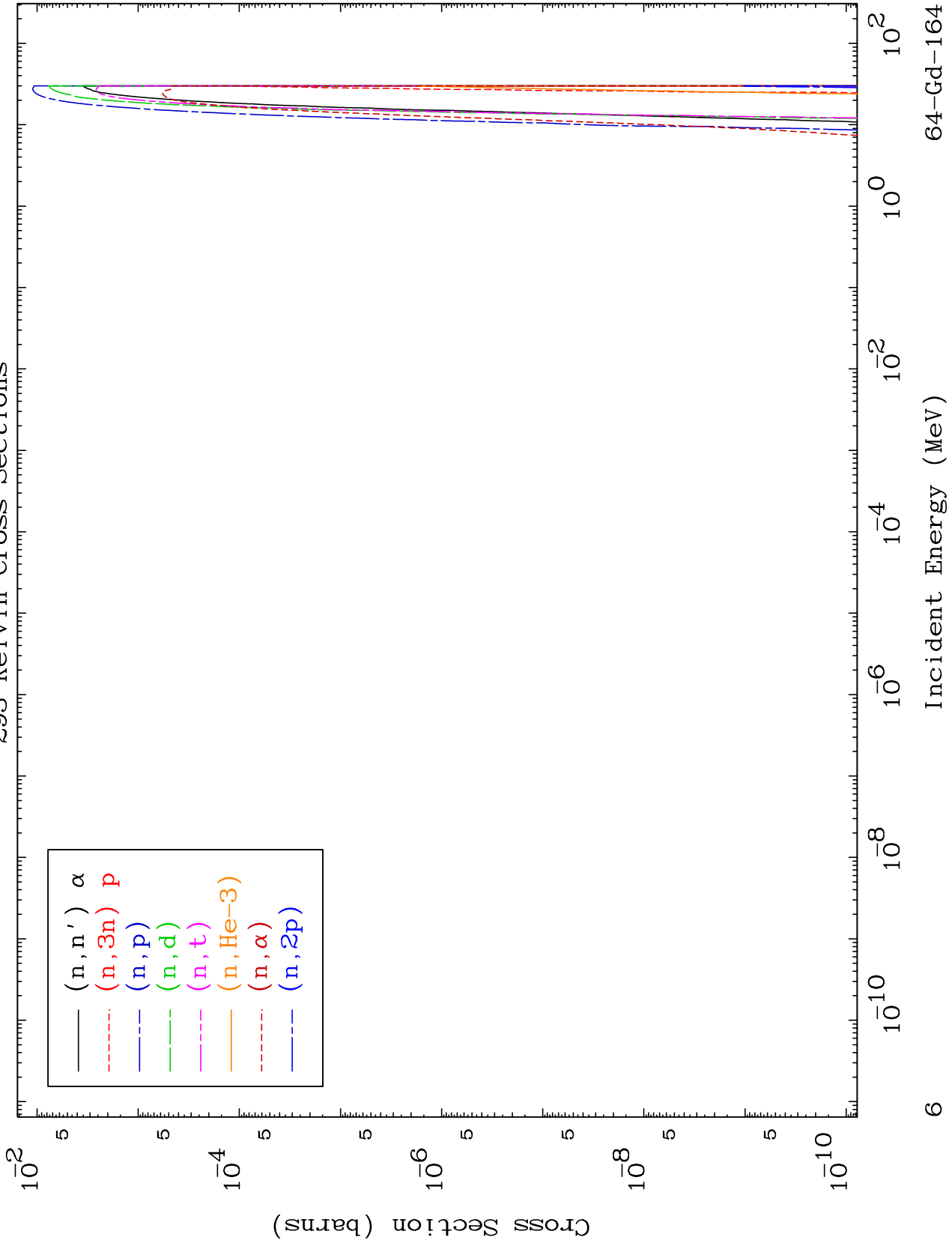
Incident Energy (MeV)

64-Gd-164

MAT 6461

Charged Particle
293 Kelvin Cross Sections

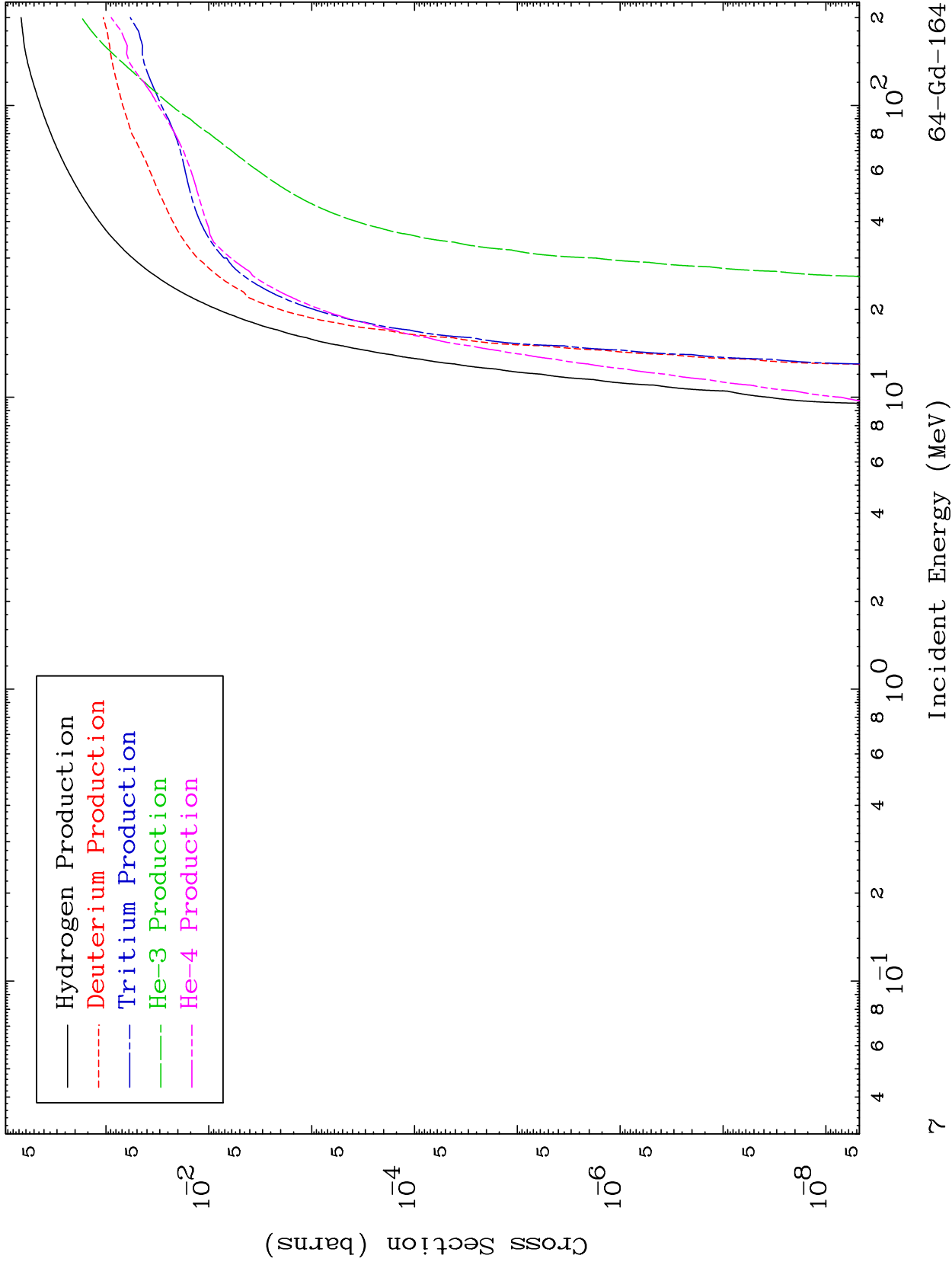
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MAT 6461

Particle Production
293 Kelvin Cross Sections

64-Gd-164

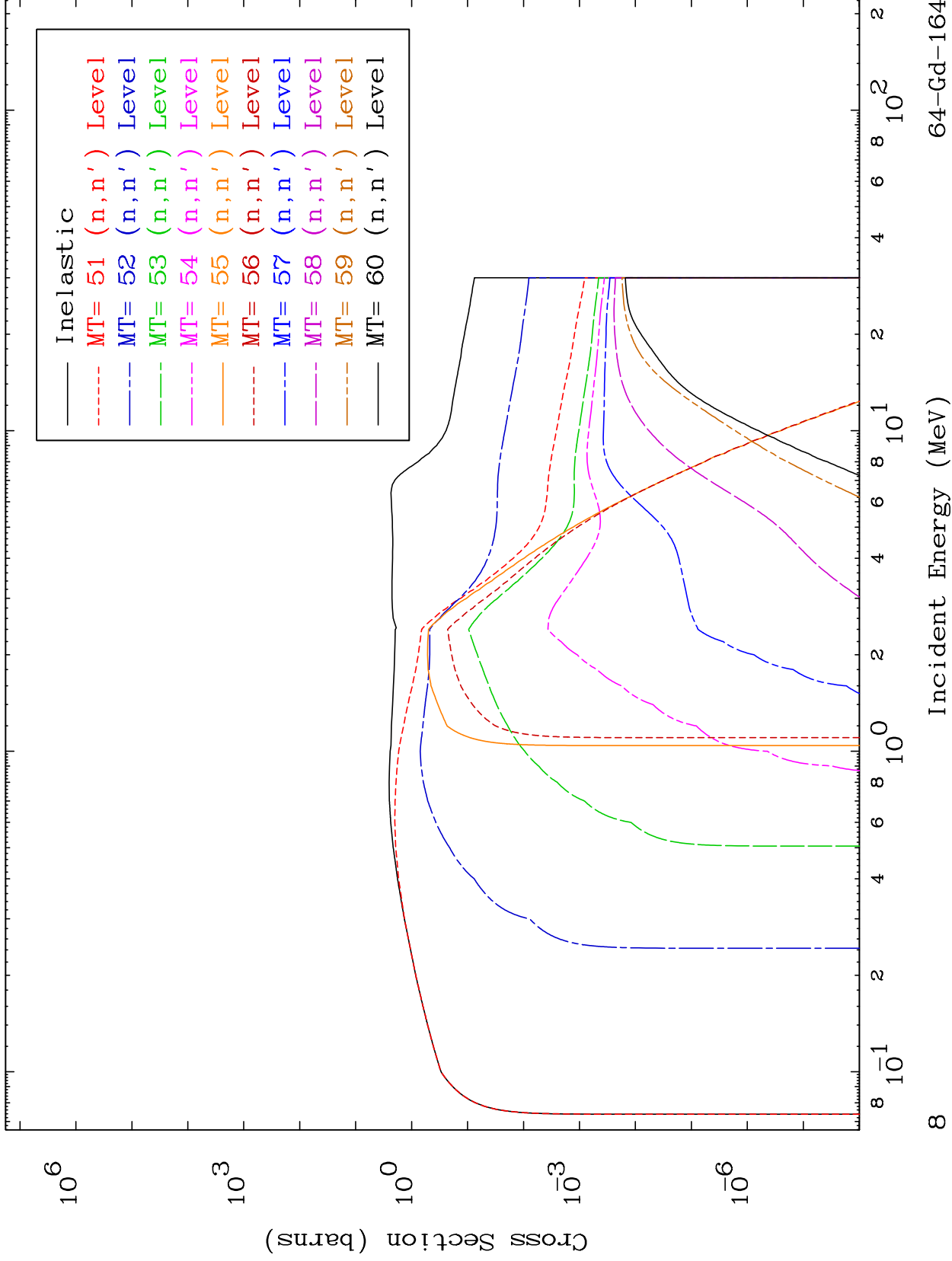


MAT 6461

(n,n') Levels

64-Gd-164

293 Kelvin Cross Sections



8

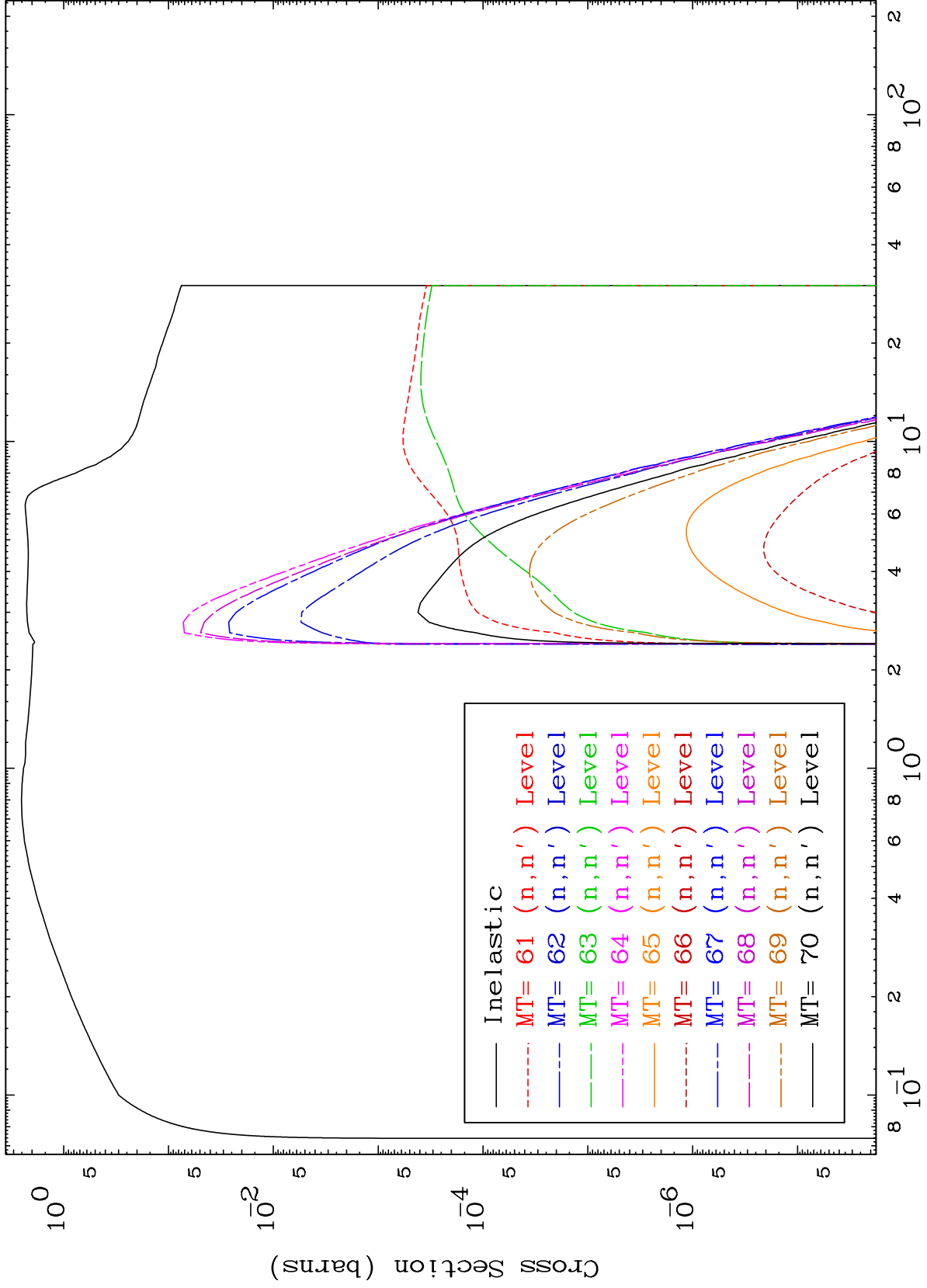
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,n') Levels
293 Kelvin Cross Sections

64-Gd-164

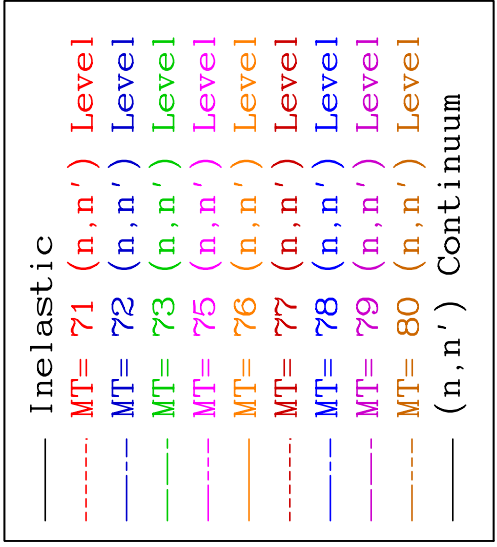
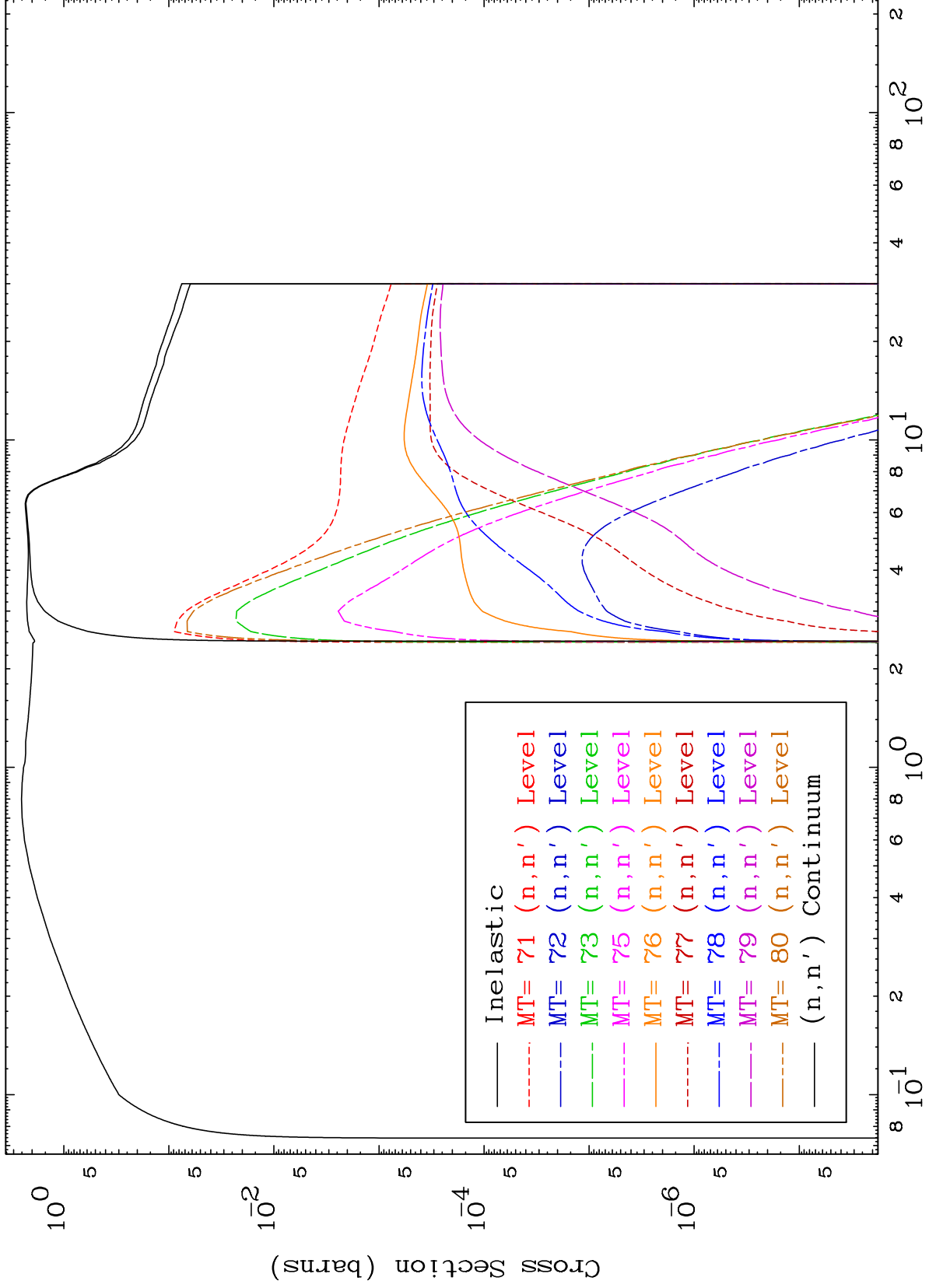


MAT 6461

(n,n') Levels

64-Gd-164

293 Kelvin Cross Sections



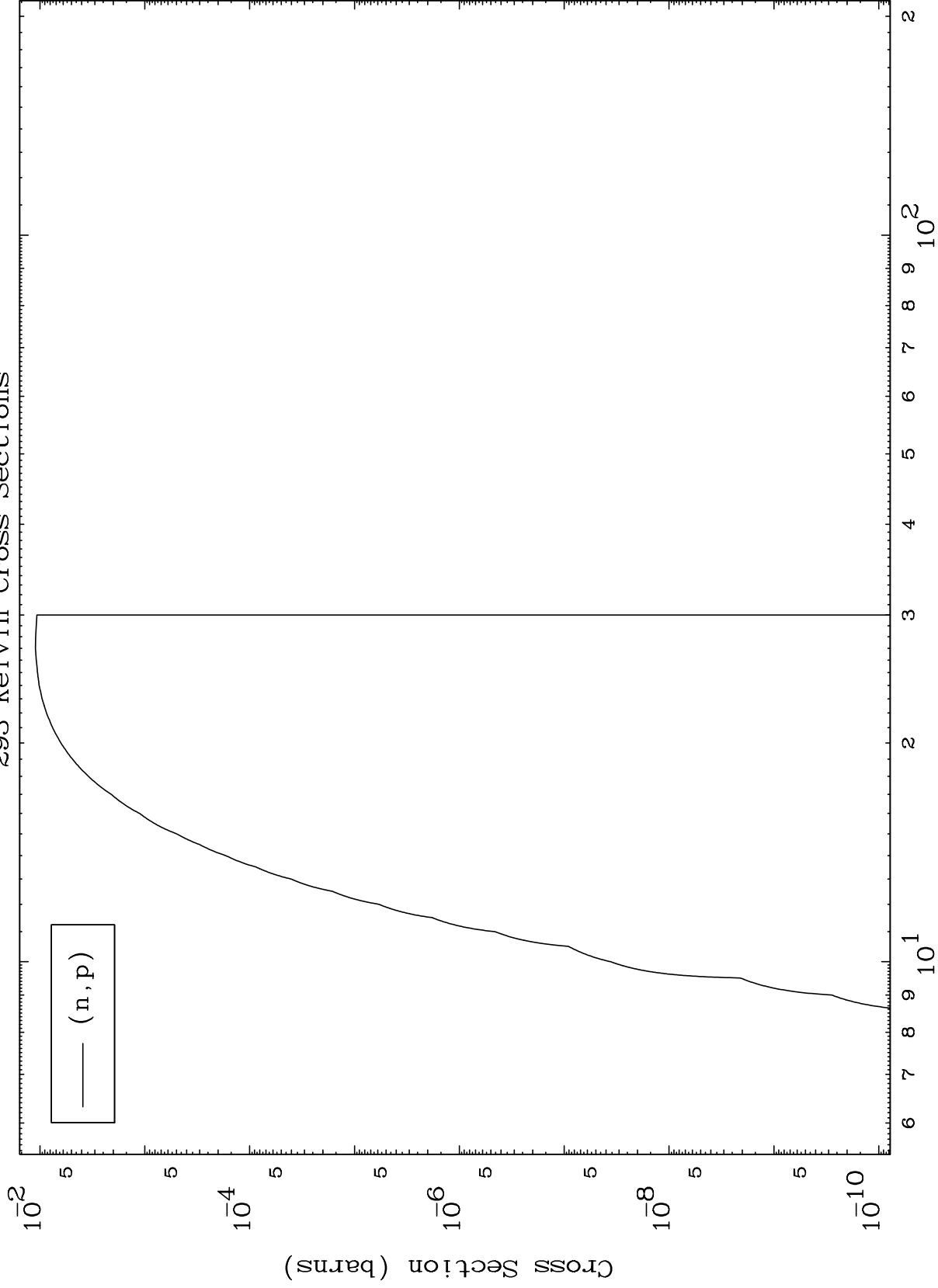
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-164



11

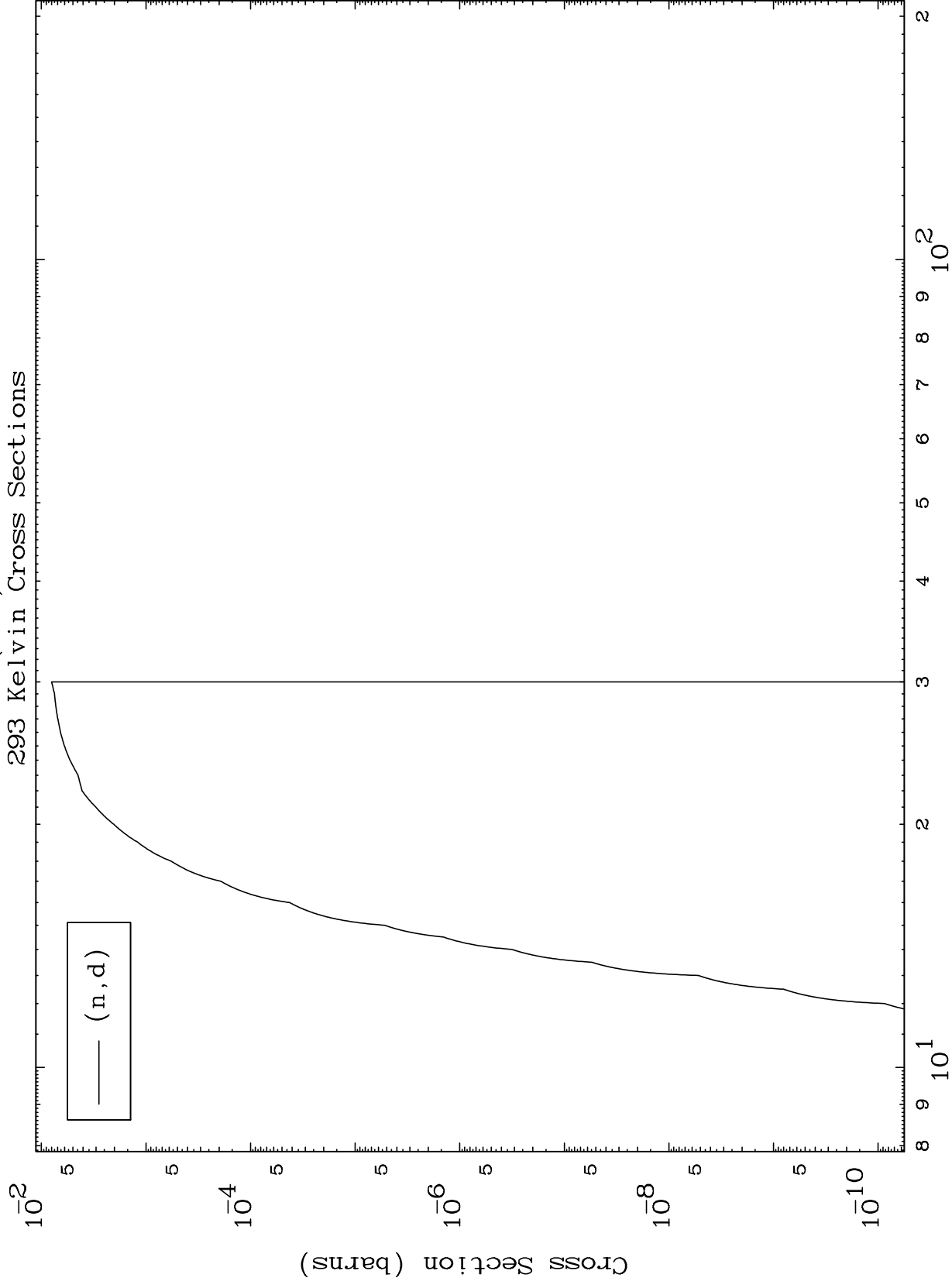
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64-Gd-164

MAT 6461

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-164



12

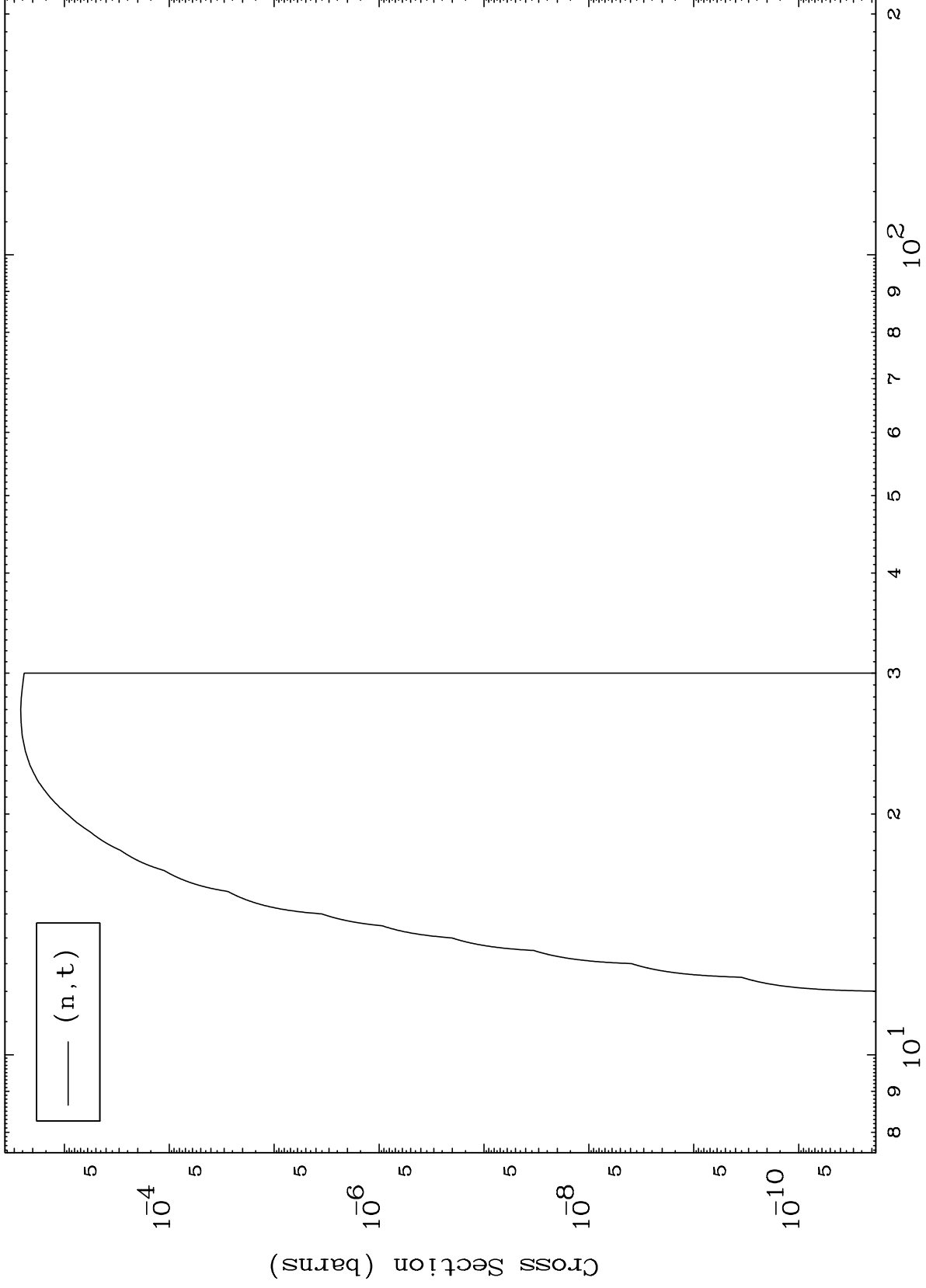
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-164



13

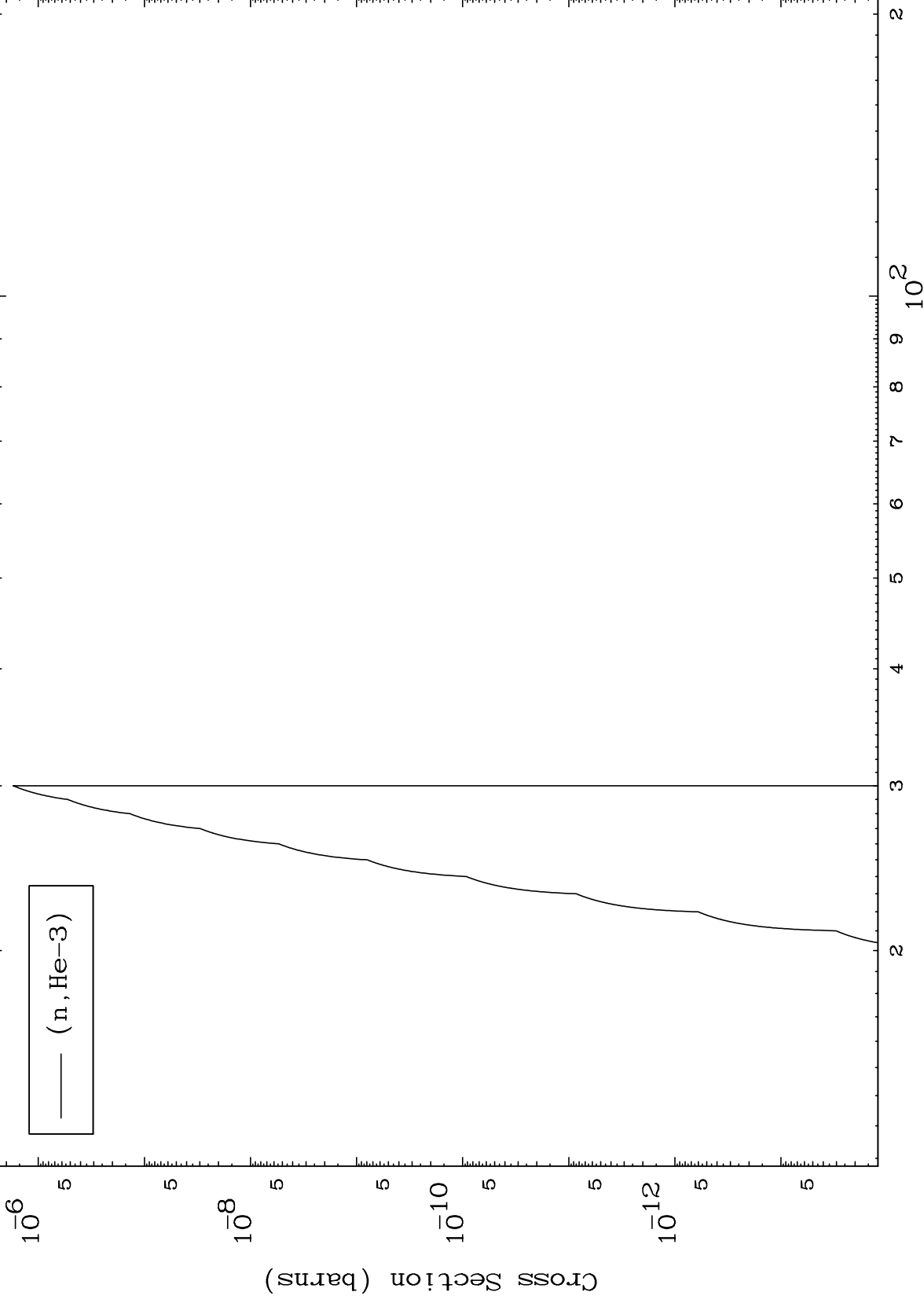
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-164



14

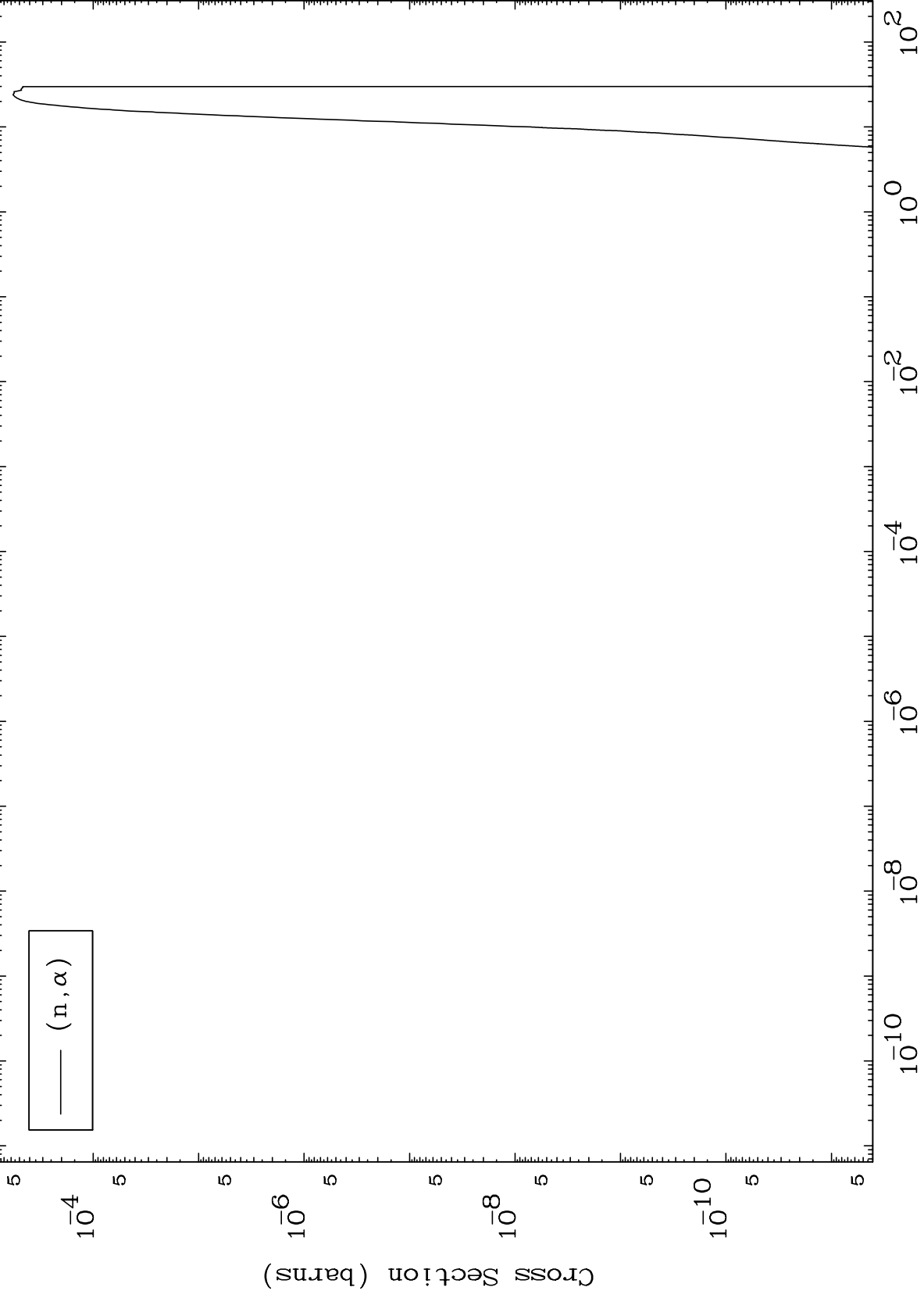
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n, α) Levels
293 Kelvin Cross Sections

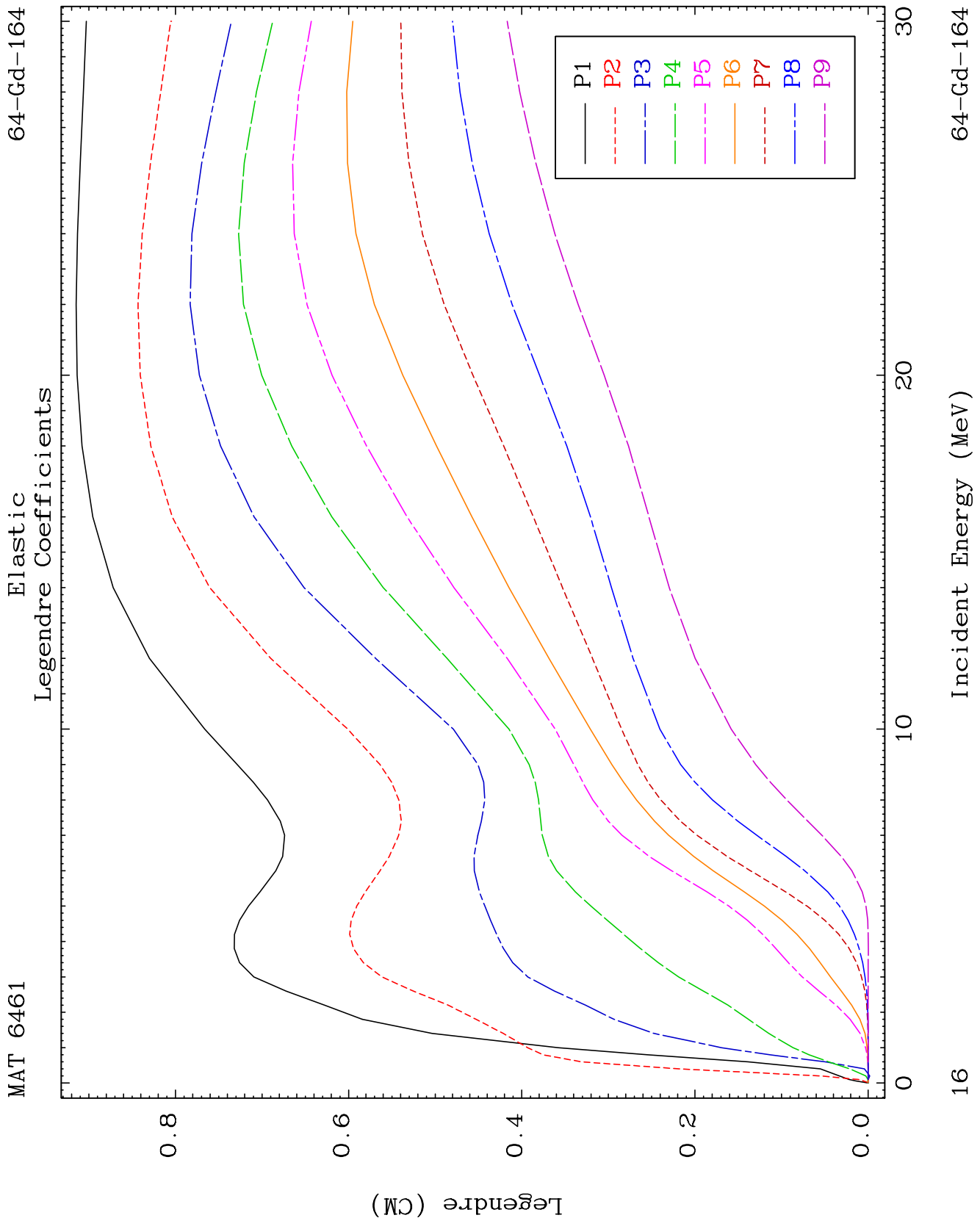
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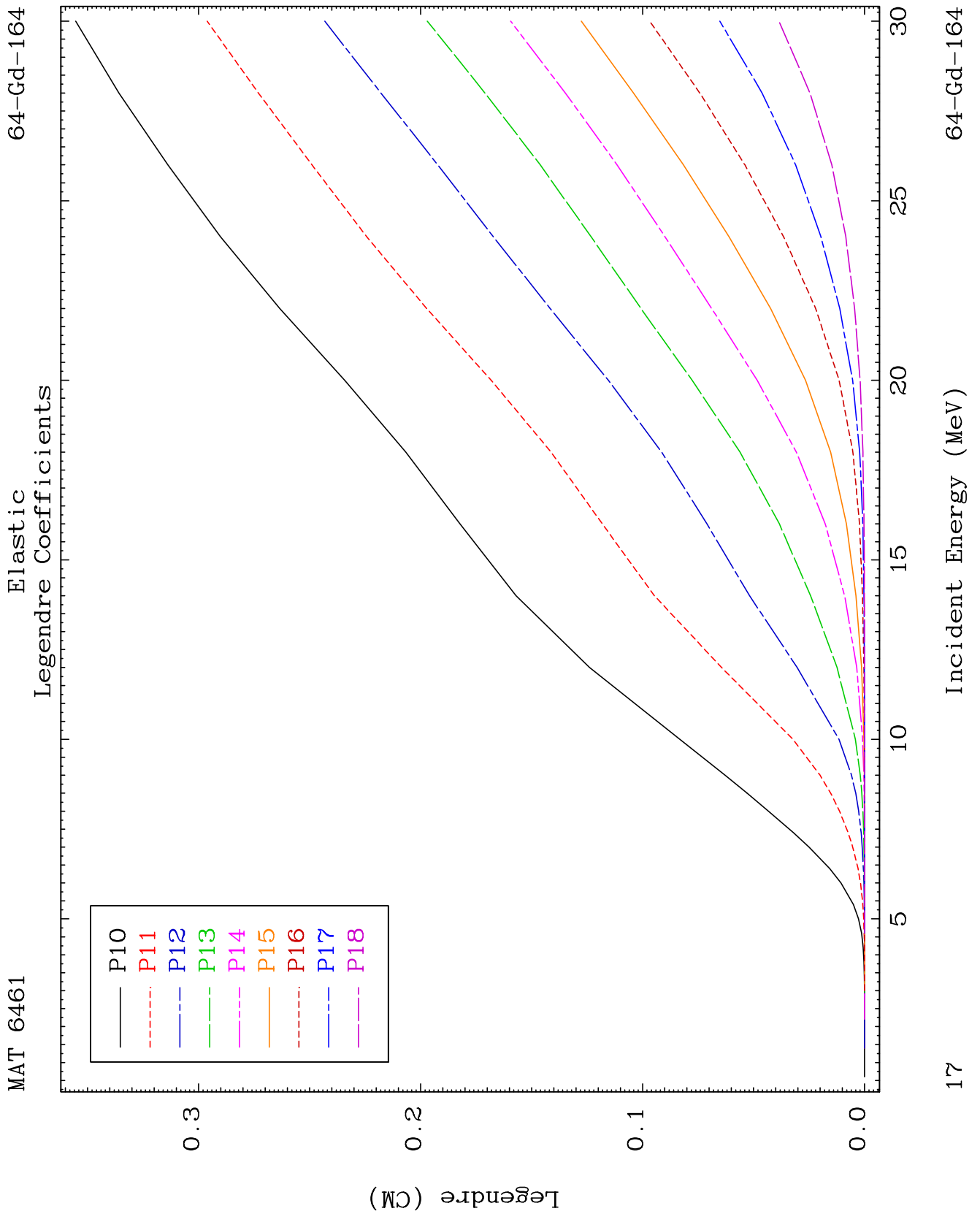


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Incident Energy (MeV)

64-Gd-164

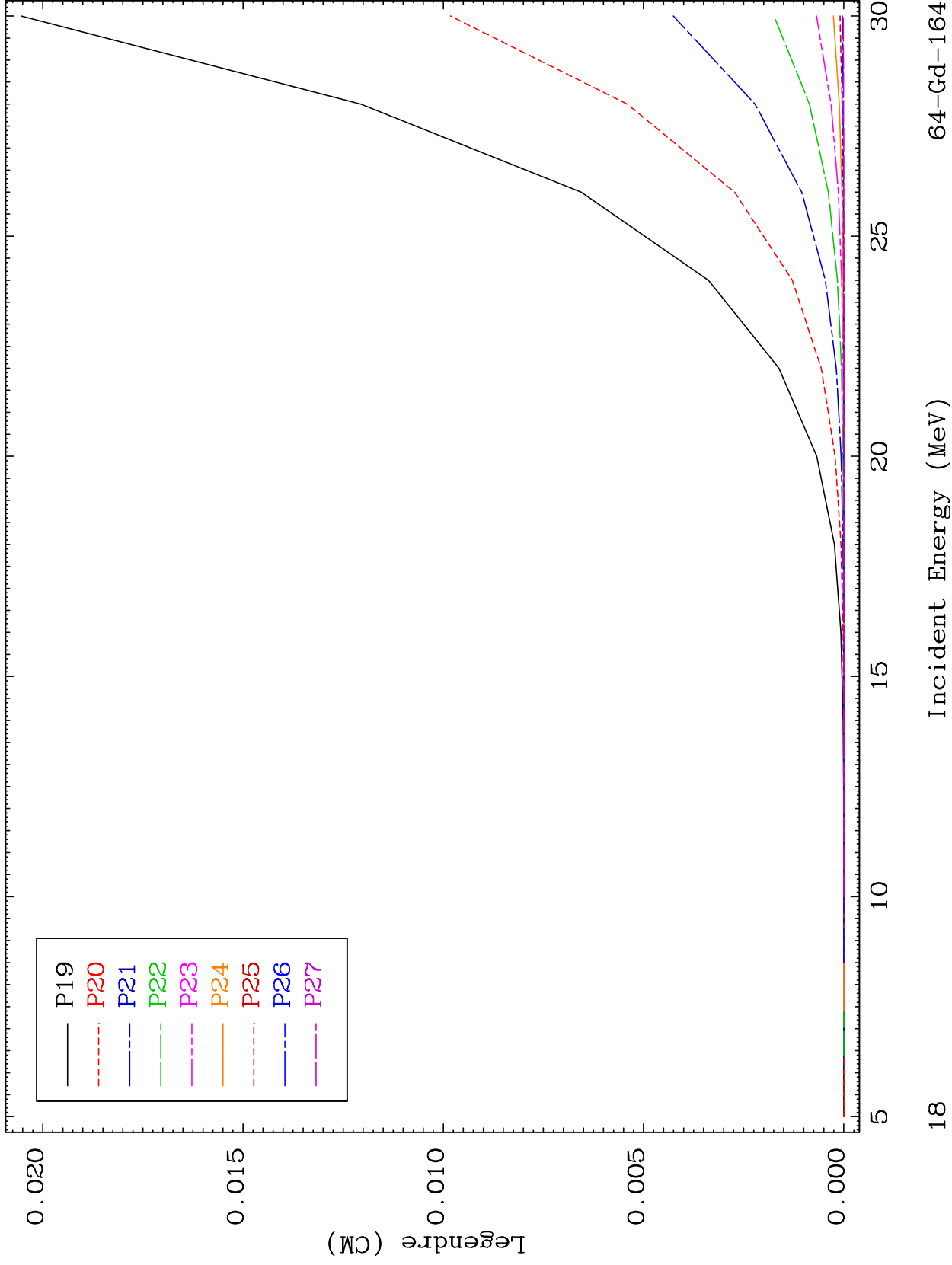




MAT 6461

Elastic
Legendre Coefficients

64-Gd-164



18

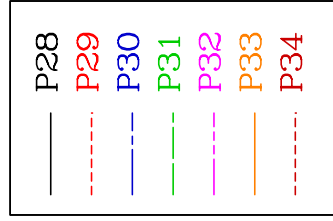
Incident Energy (MeV)

64-Gd-164

MAT 6461

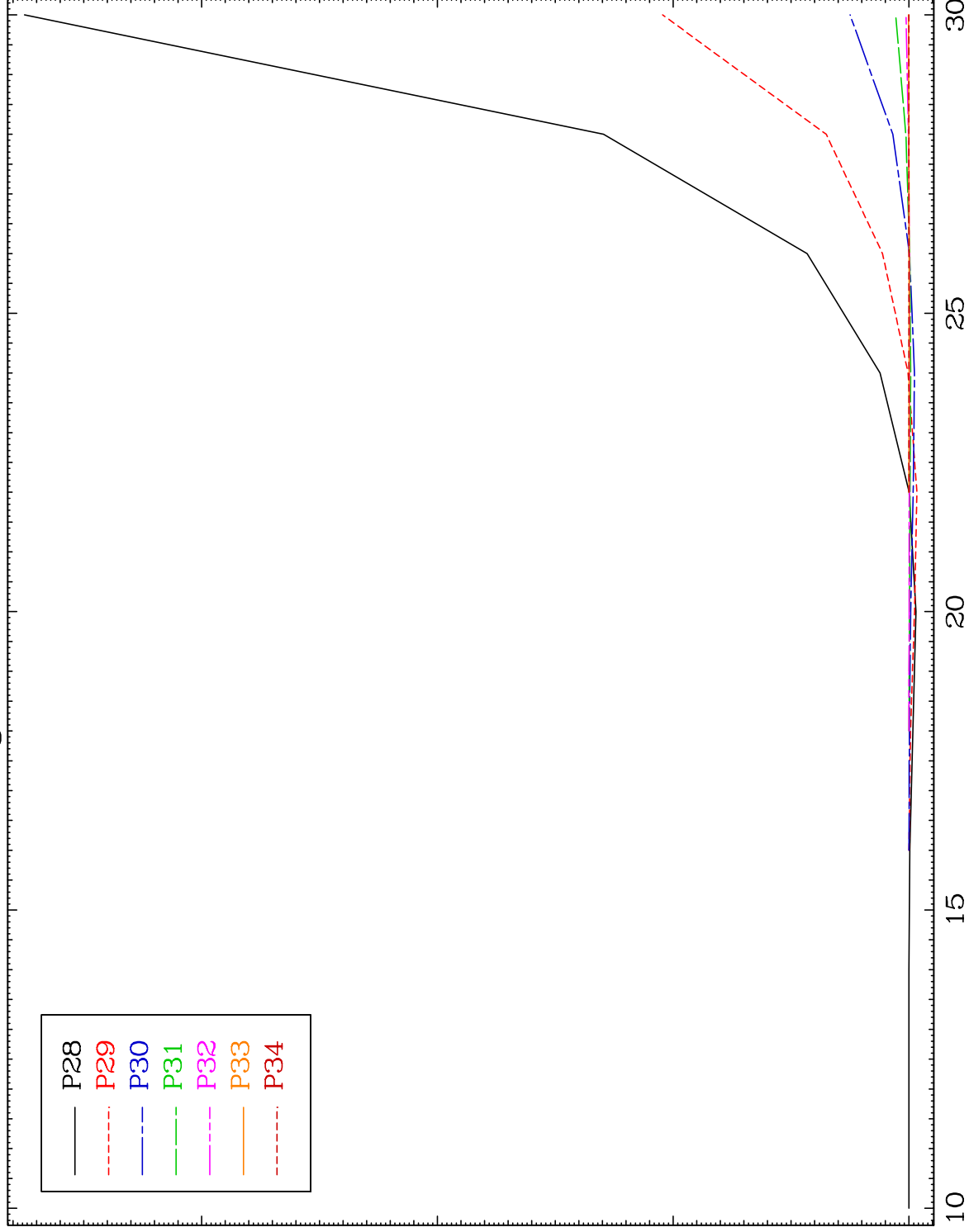
Elastic Legendre Coefficients

64-Gd-164



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

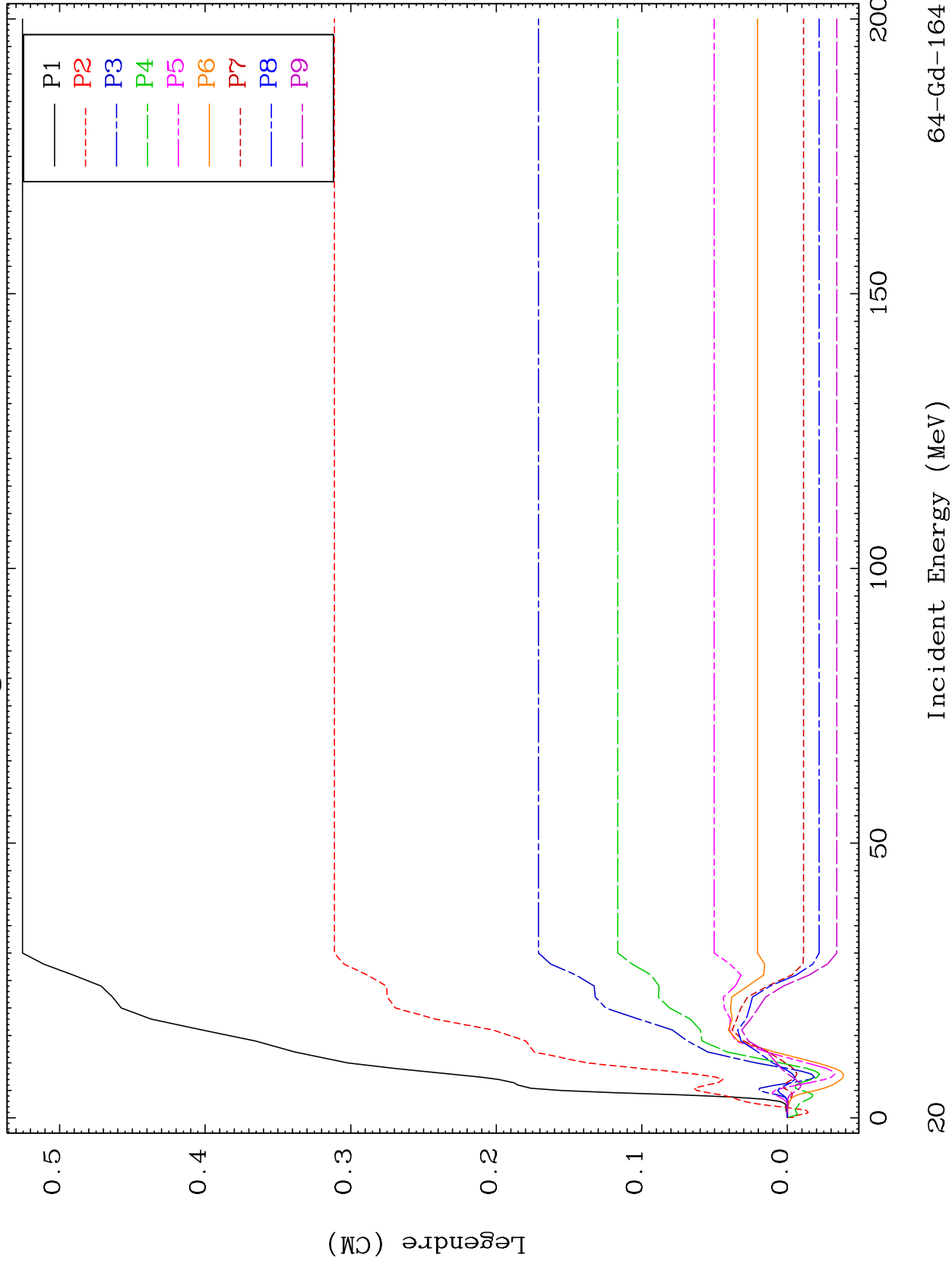
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

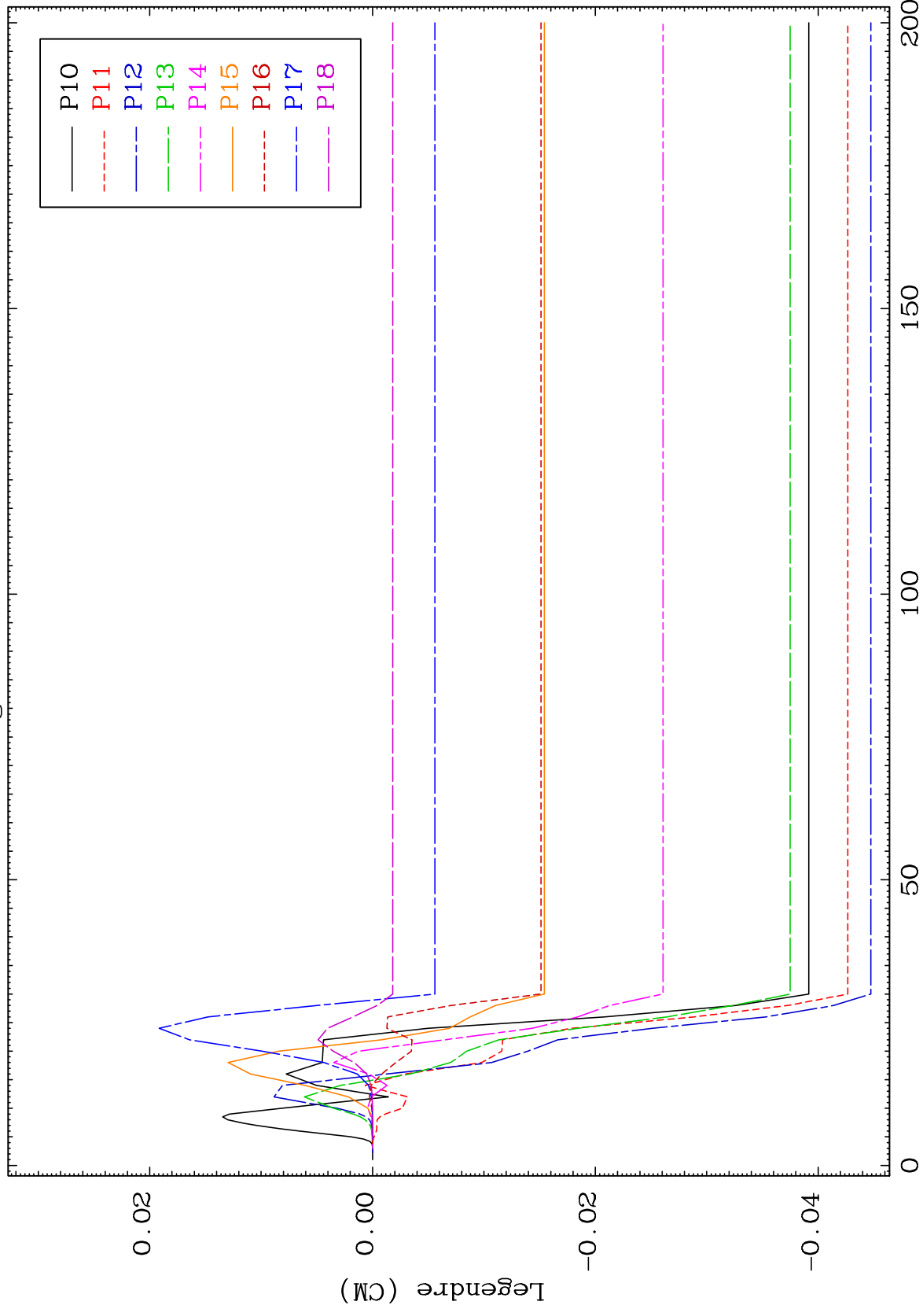
64-Gd-164



MAT 6461

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

64-Gd-164



21

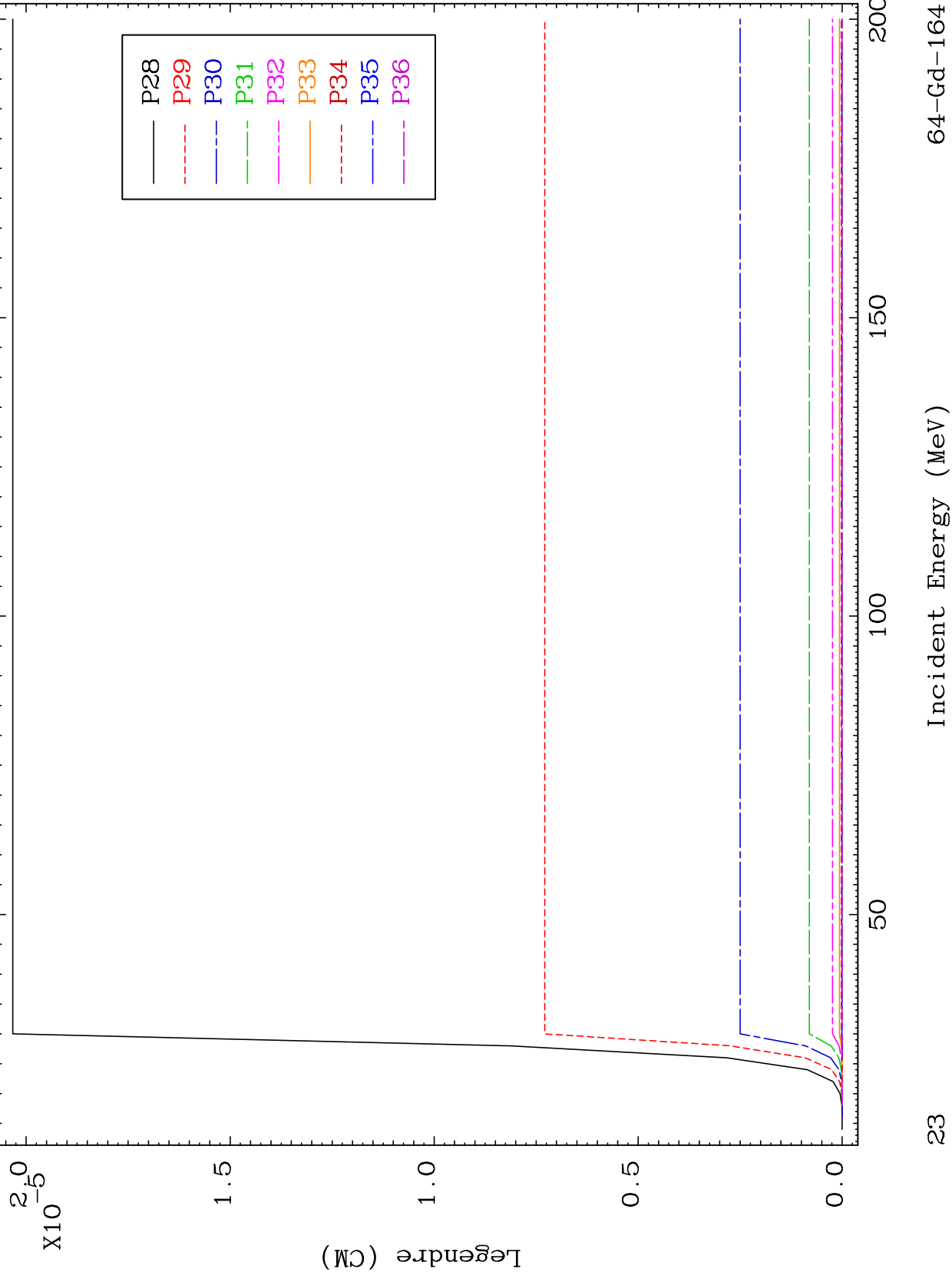
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

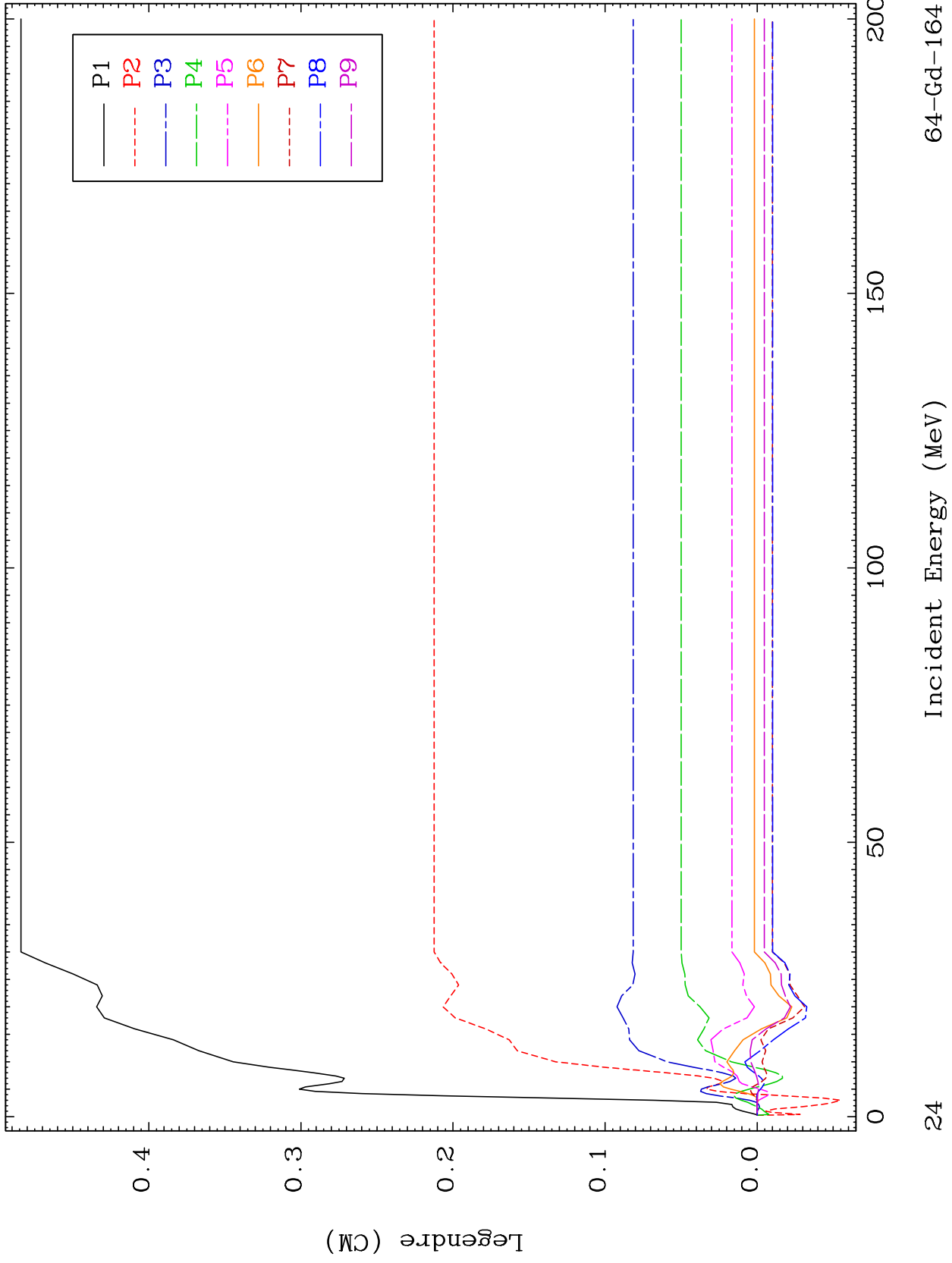
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

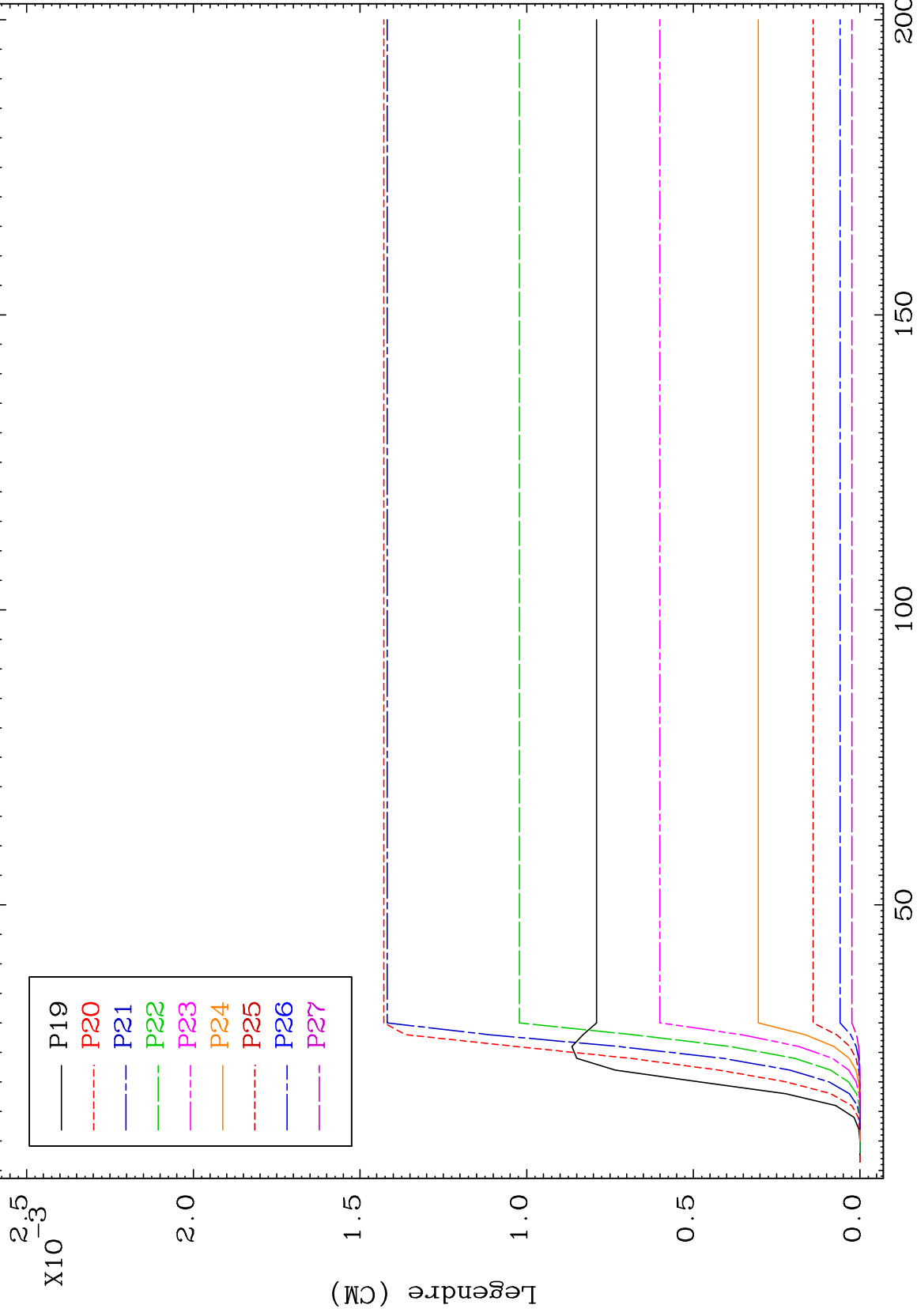
Incident Energy (MeV)

24

MAT 6461

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

64-Gd-164



26

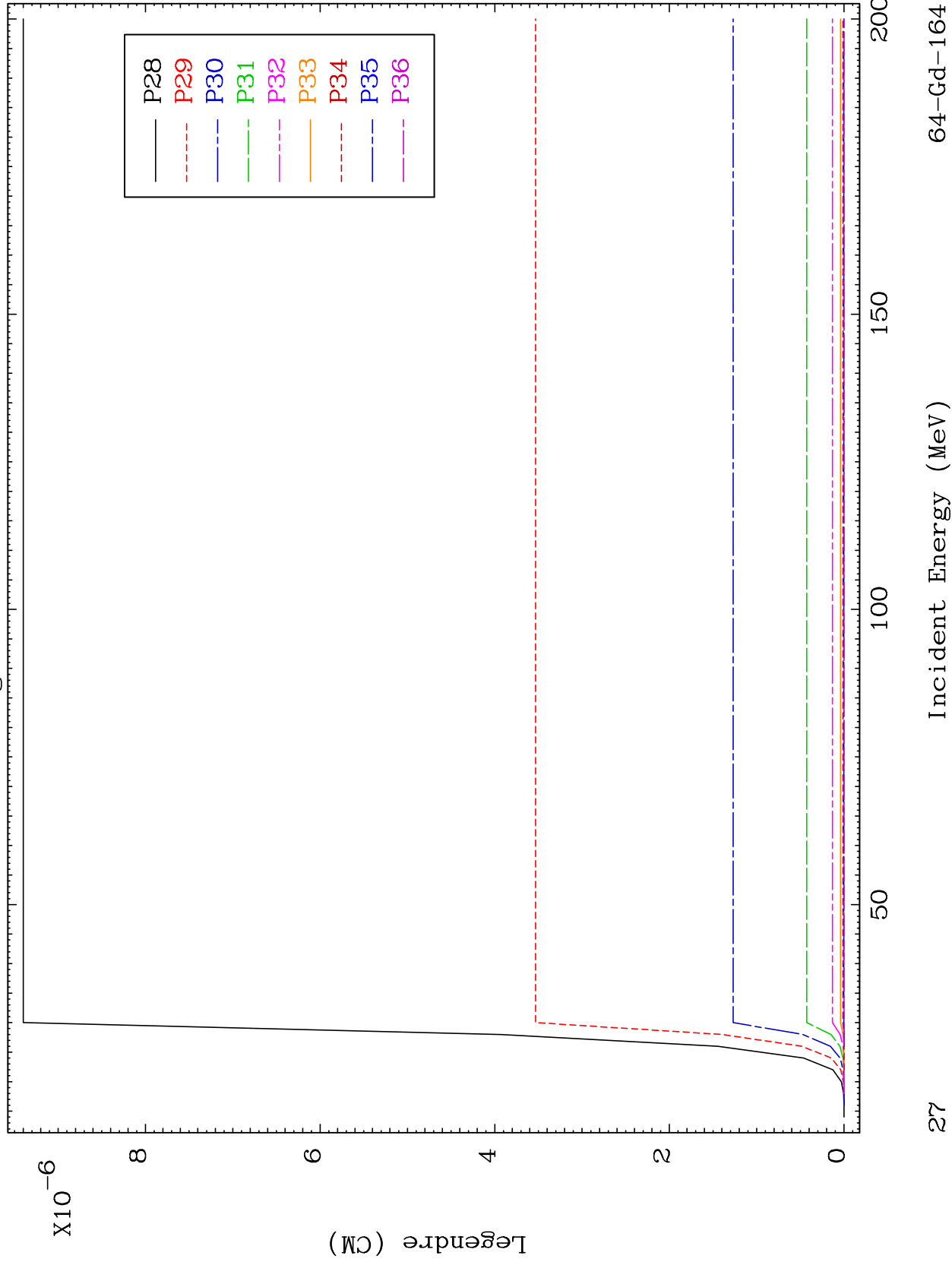
64-Gd-164

64-Gd-164

MAT 6461

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

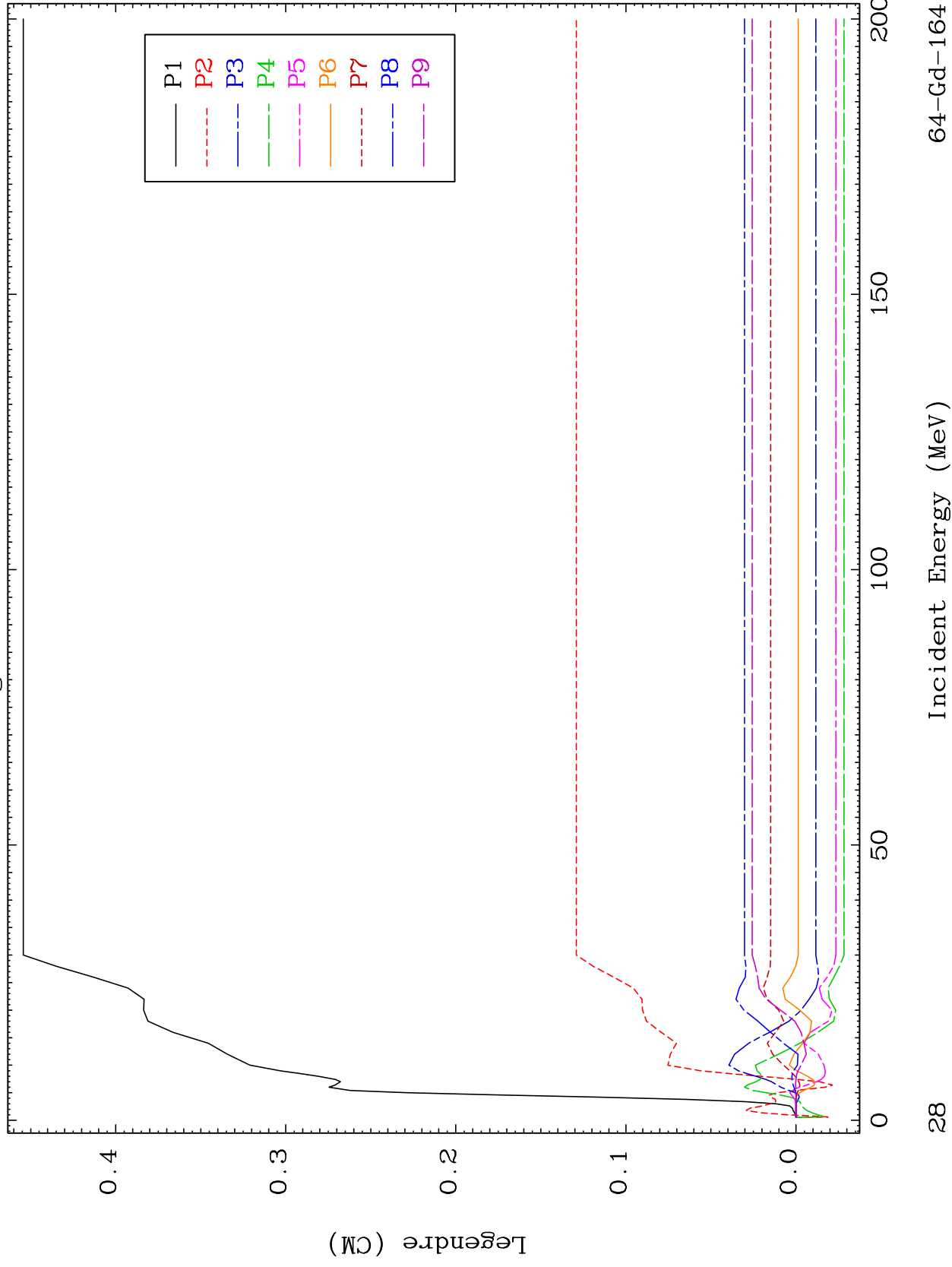
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

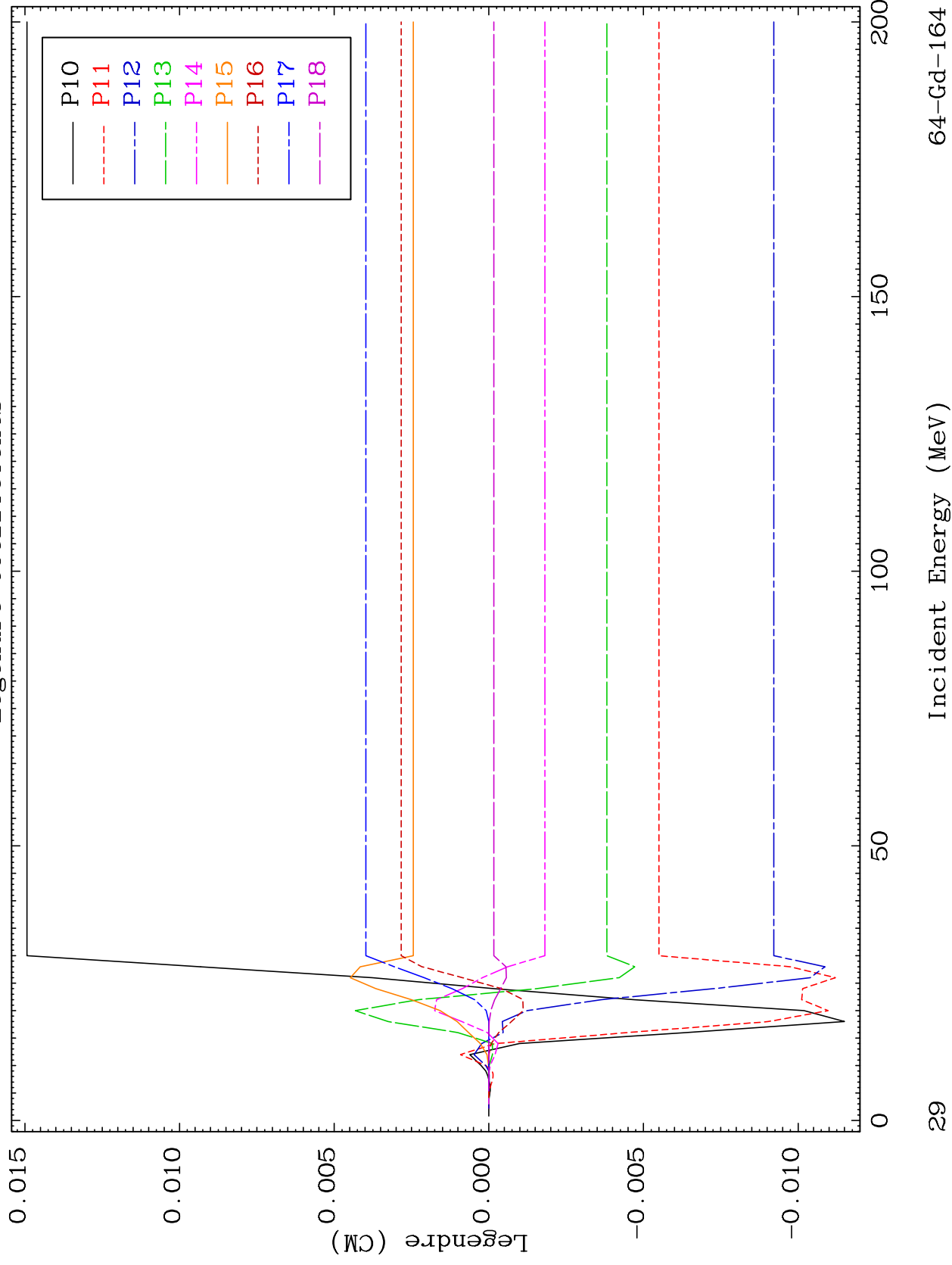
Incident Energy (MeV)

28

MAT 6461

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

64-Gd-164



64-Gd-164

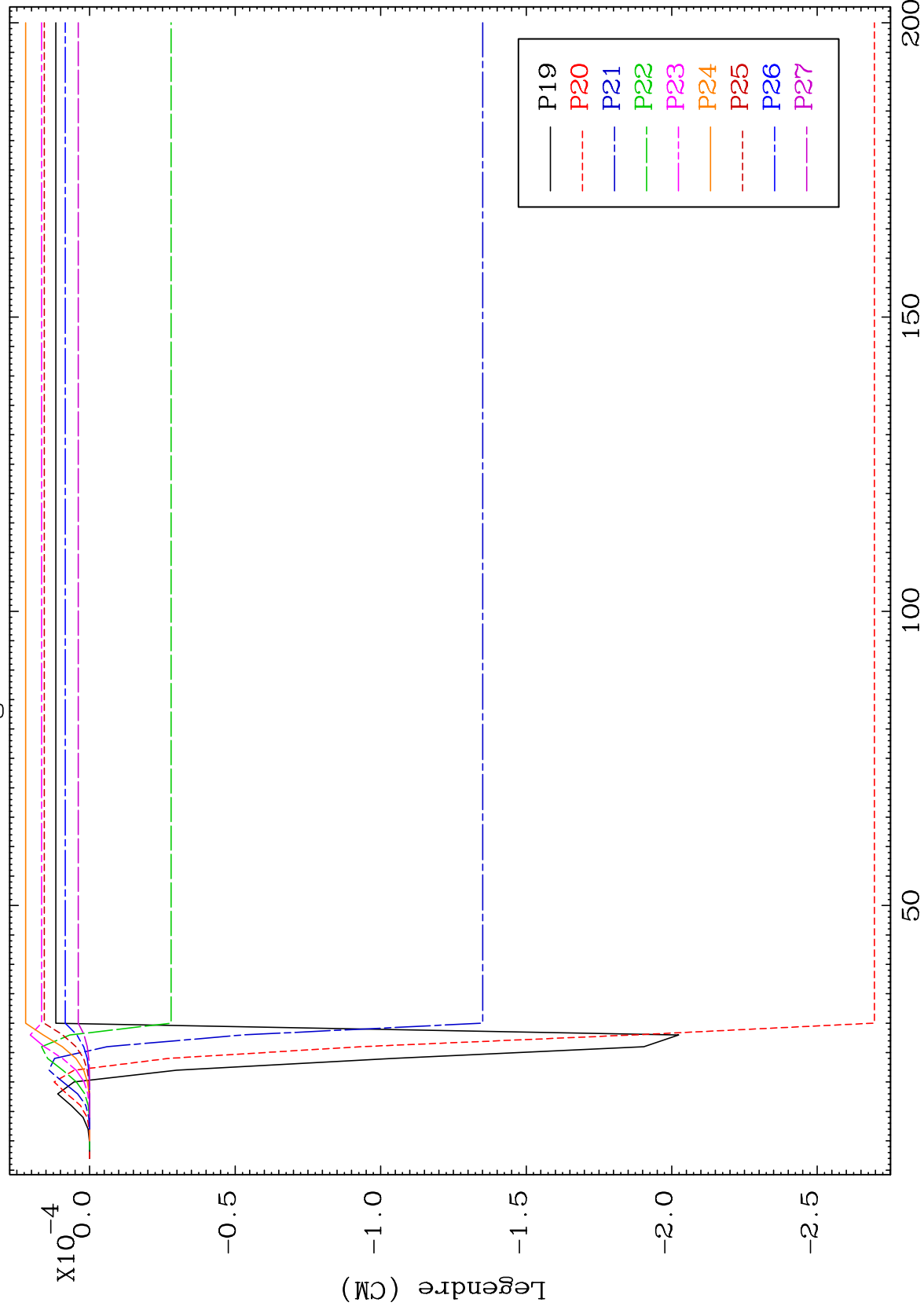
Incident Energy (MeV)

29

MAT 6461

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

64-Gd-164



64-Gd-164

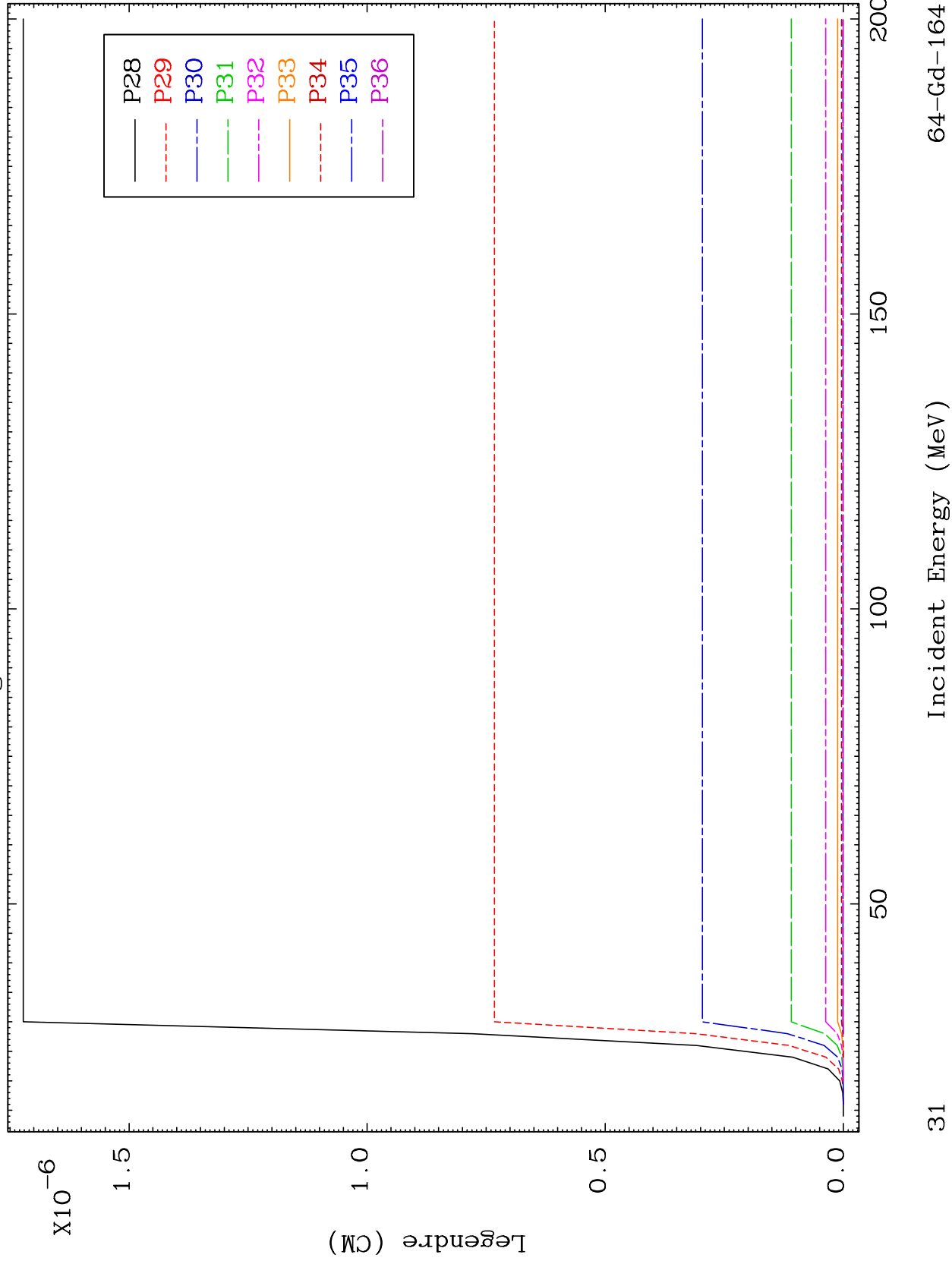
Incident Energy (MeV)

30

MAT 6461

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

64-Gd-164



31

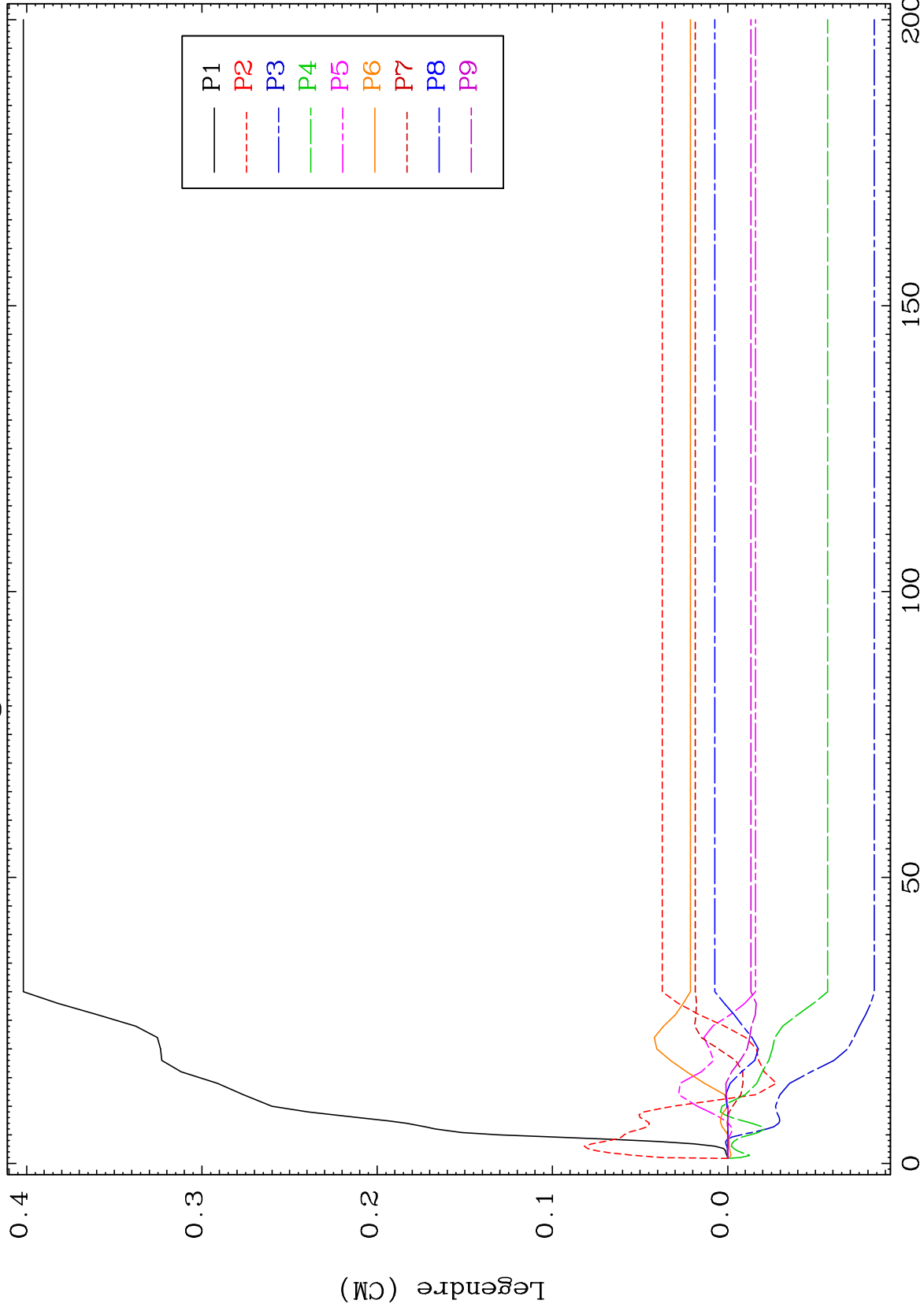
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

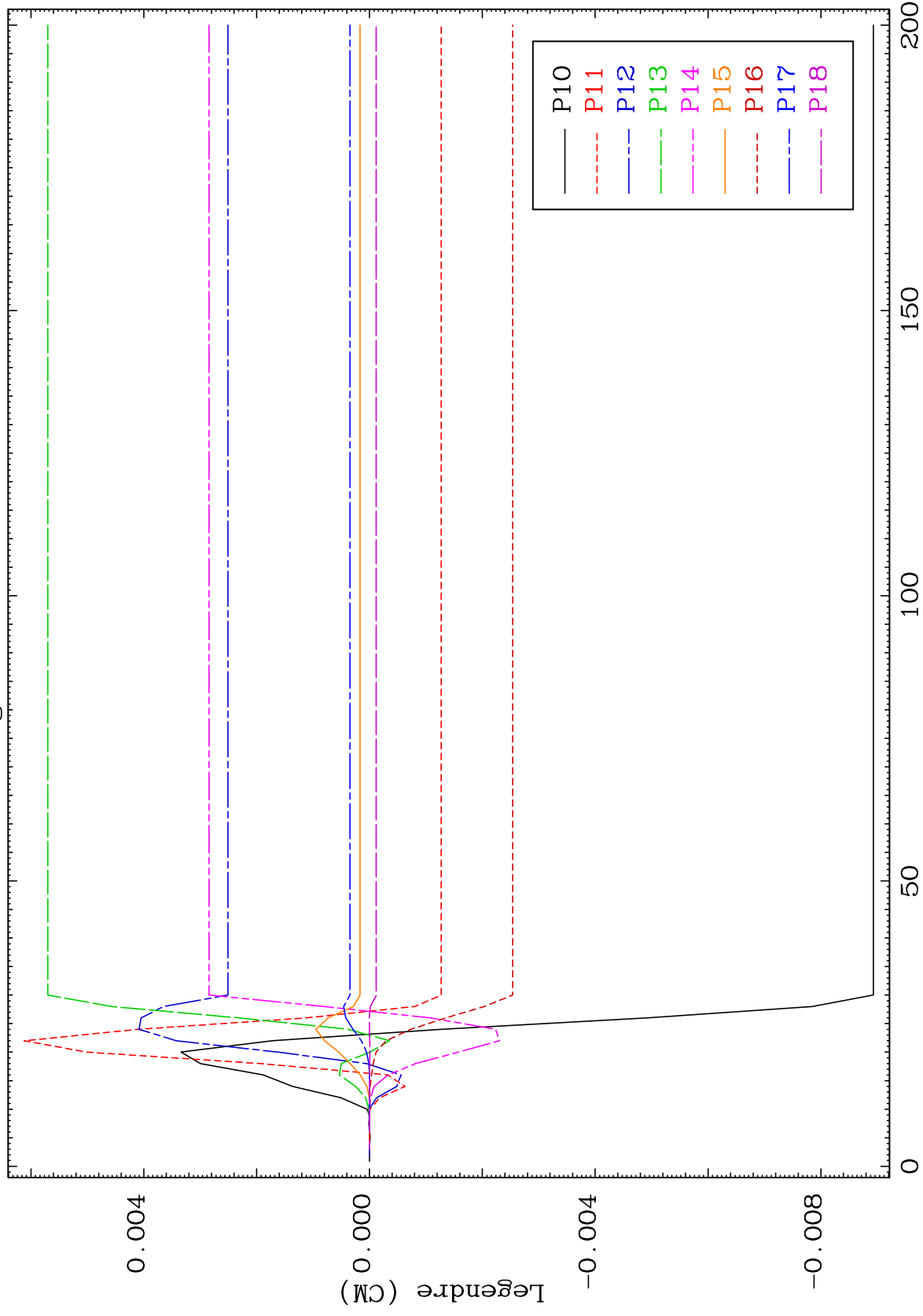
Incident Energy (MeV)

32

MAT 6461

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

64-Gd-164



33

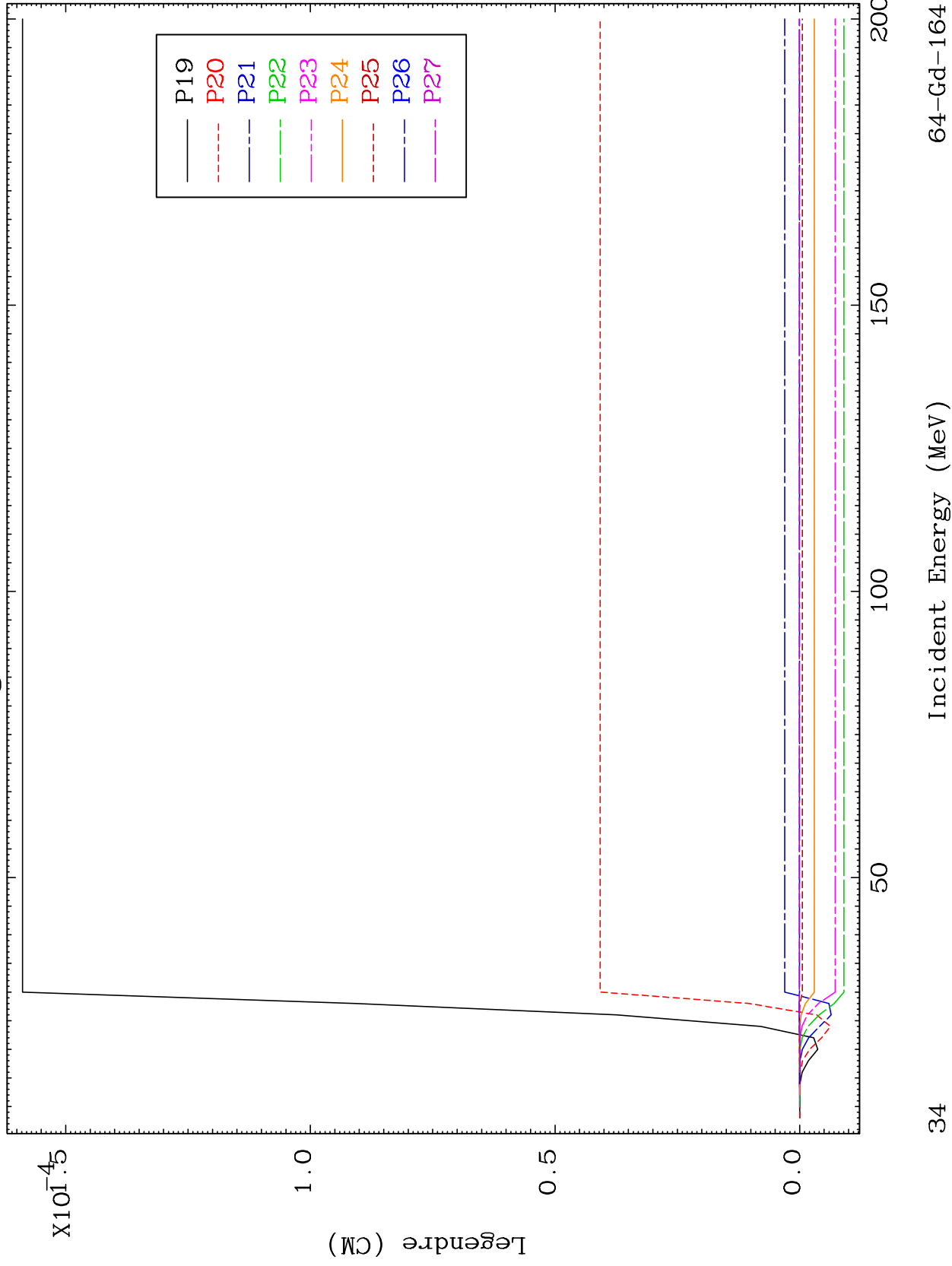
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

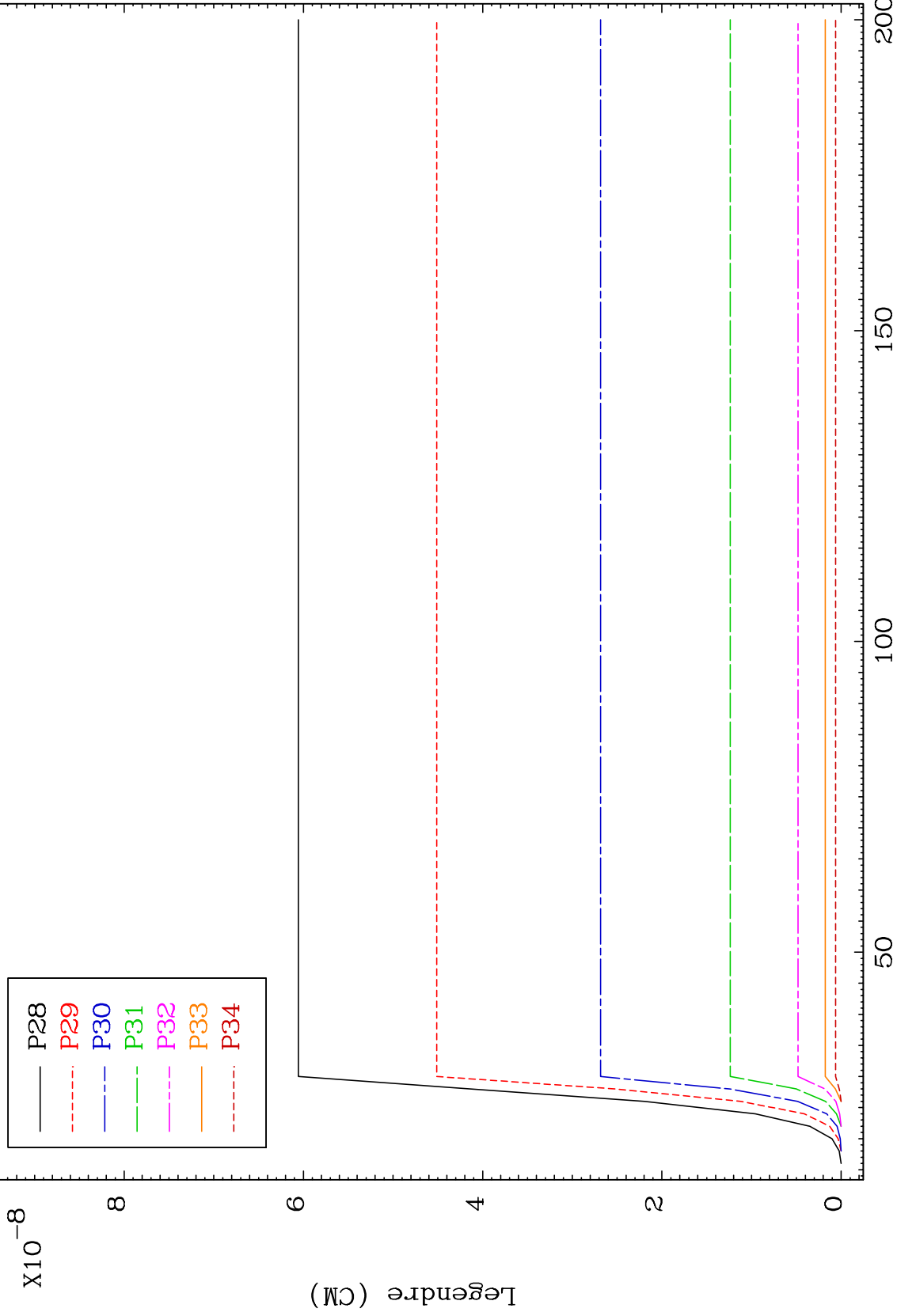
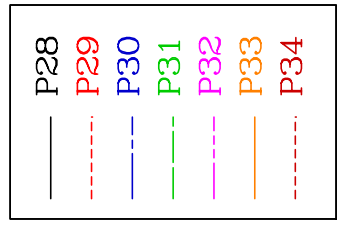


34

MAT 6461

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

64-Gd-164



35

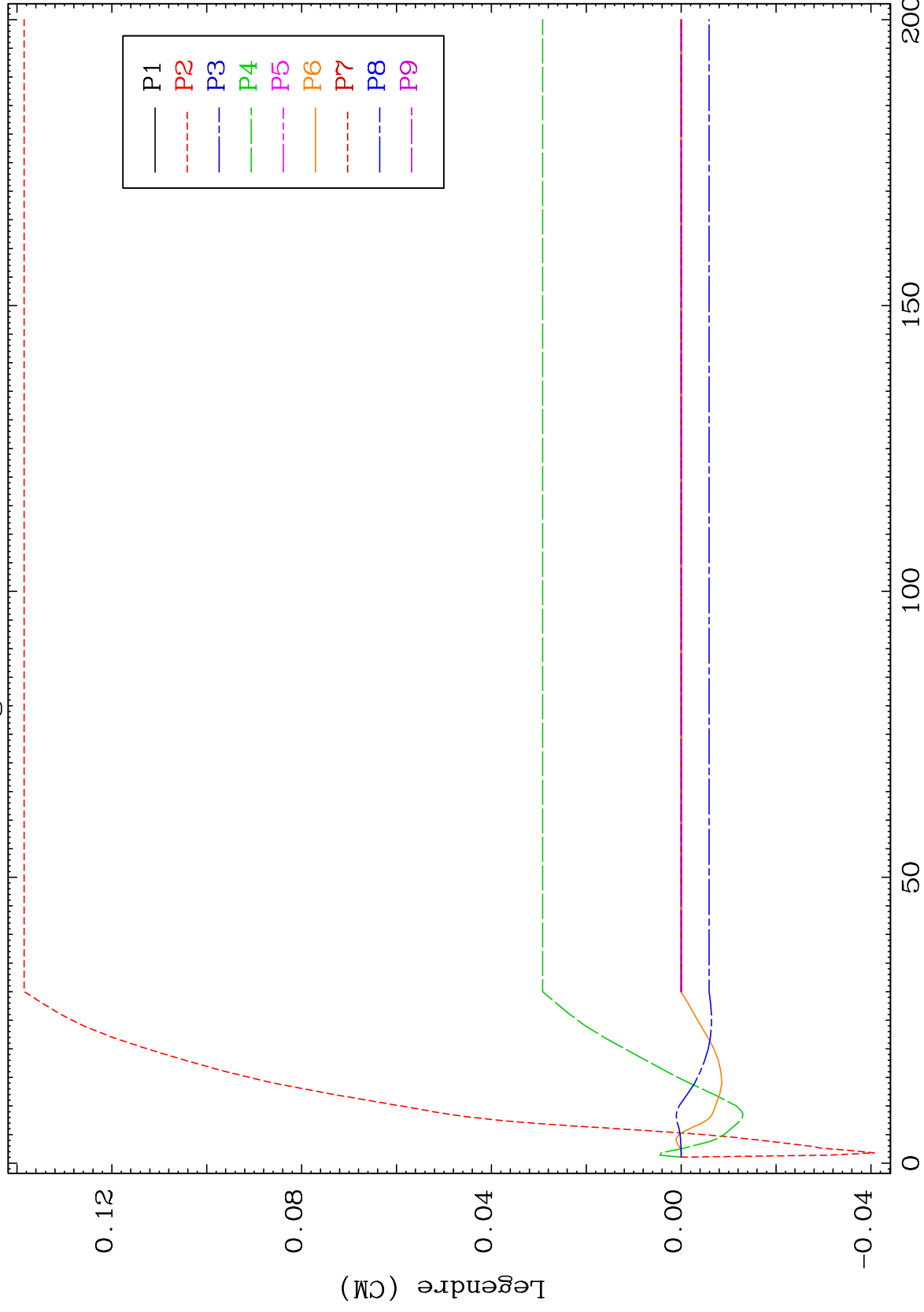
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

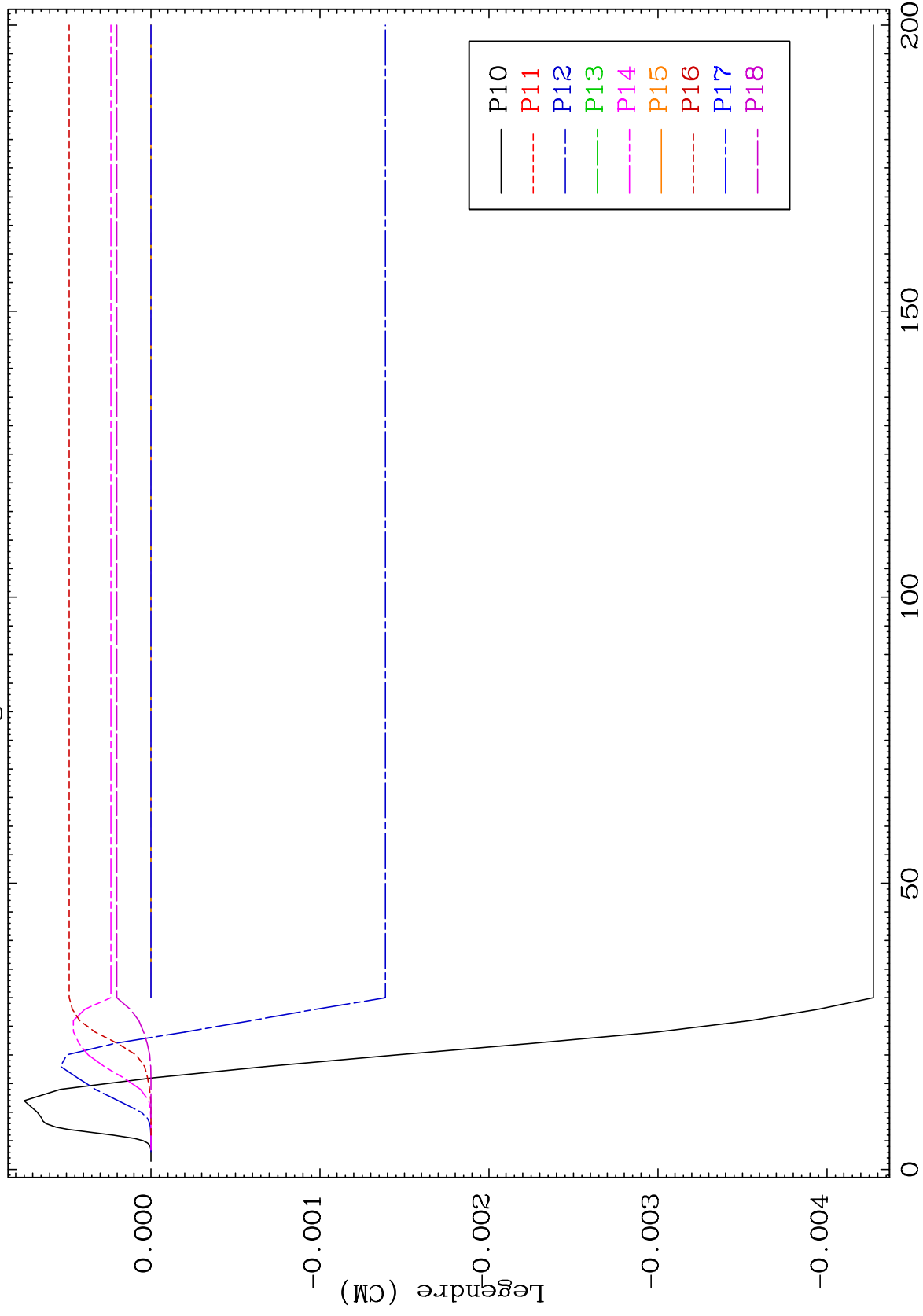
Incident Energy (MeV)

36

MAT 6461

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

64-Gd-164



37

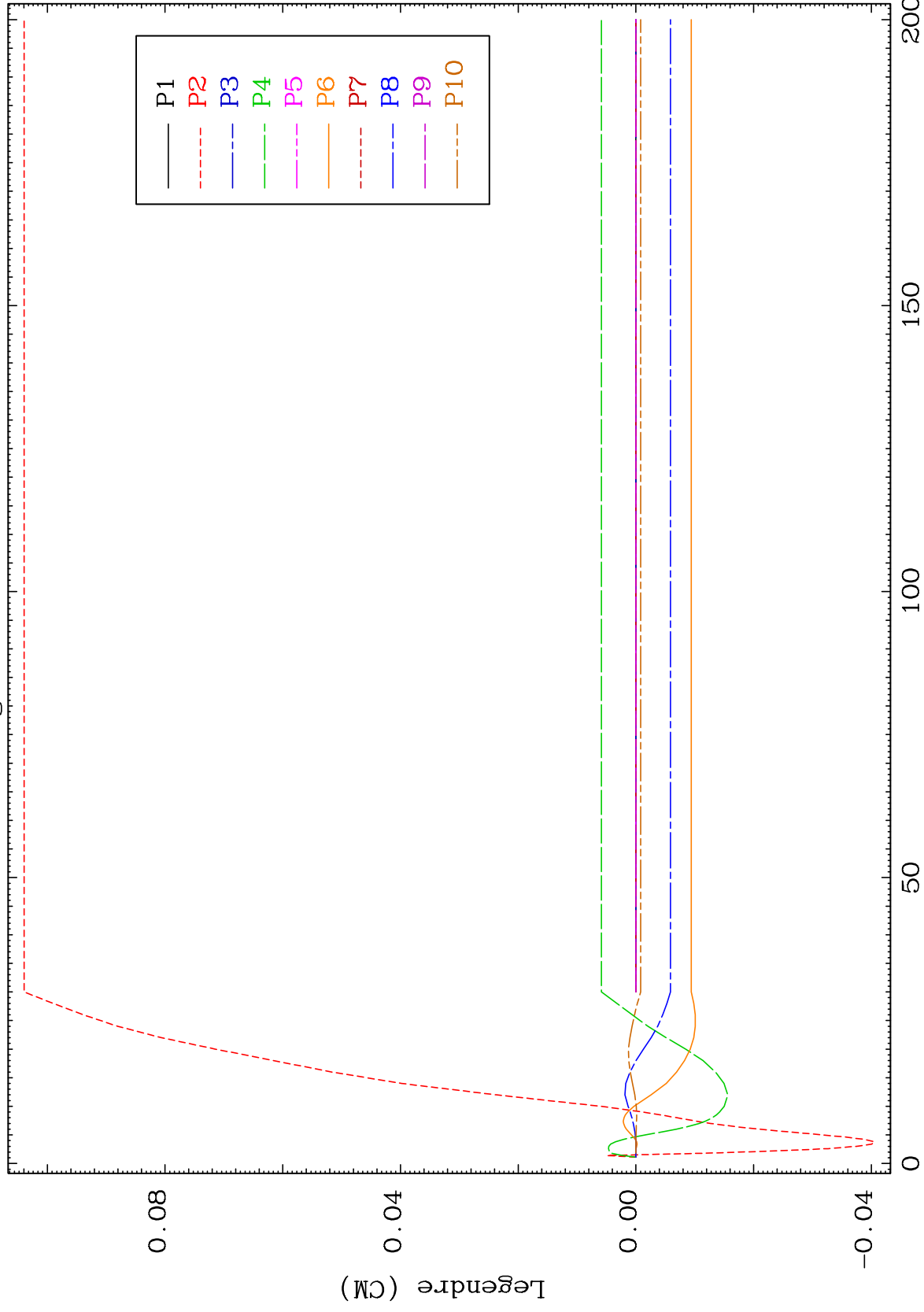
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

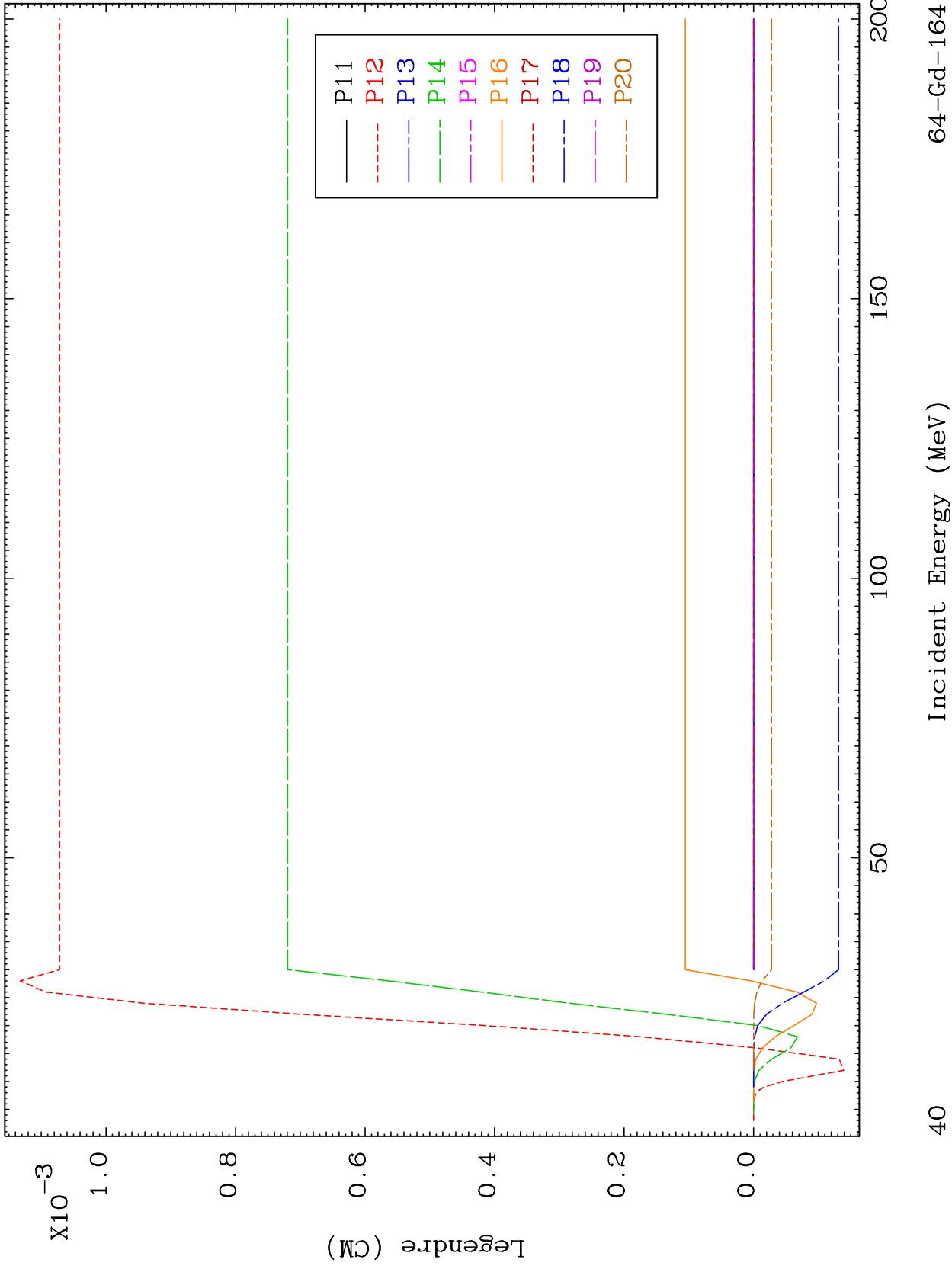
Incident Energy (MeV)

39

MAT 6461

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

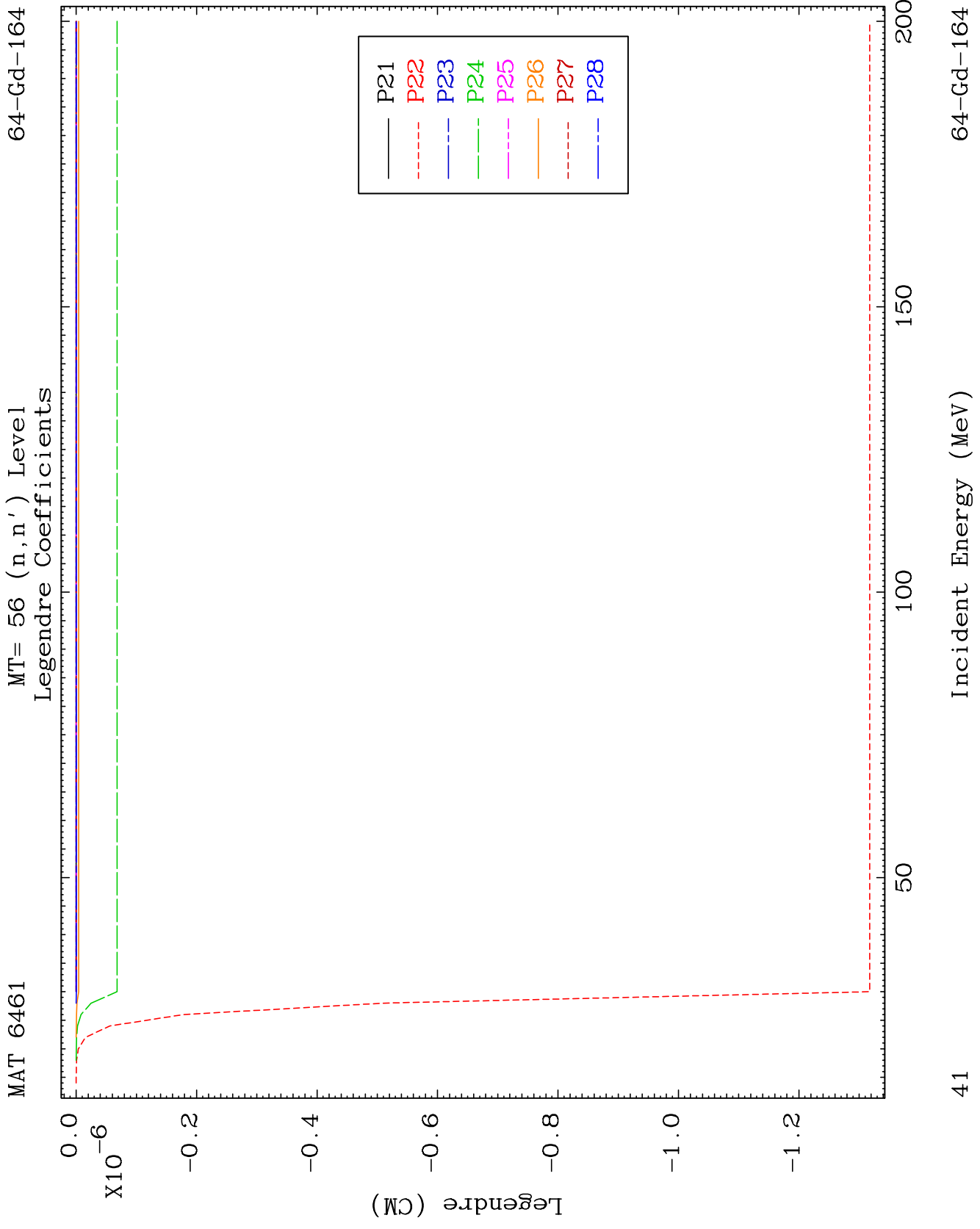
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40

Incident Energy (MeV)

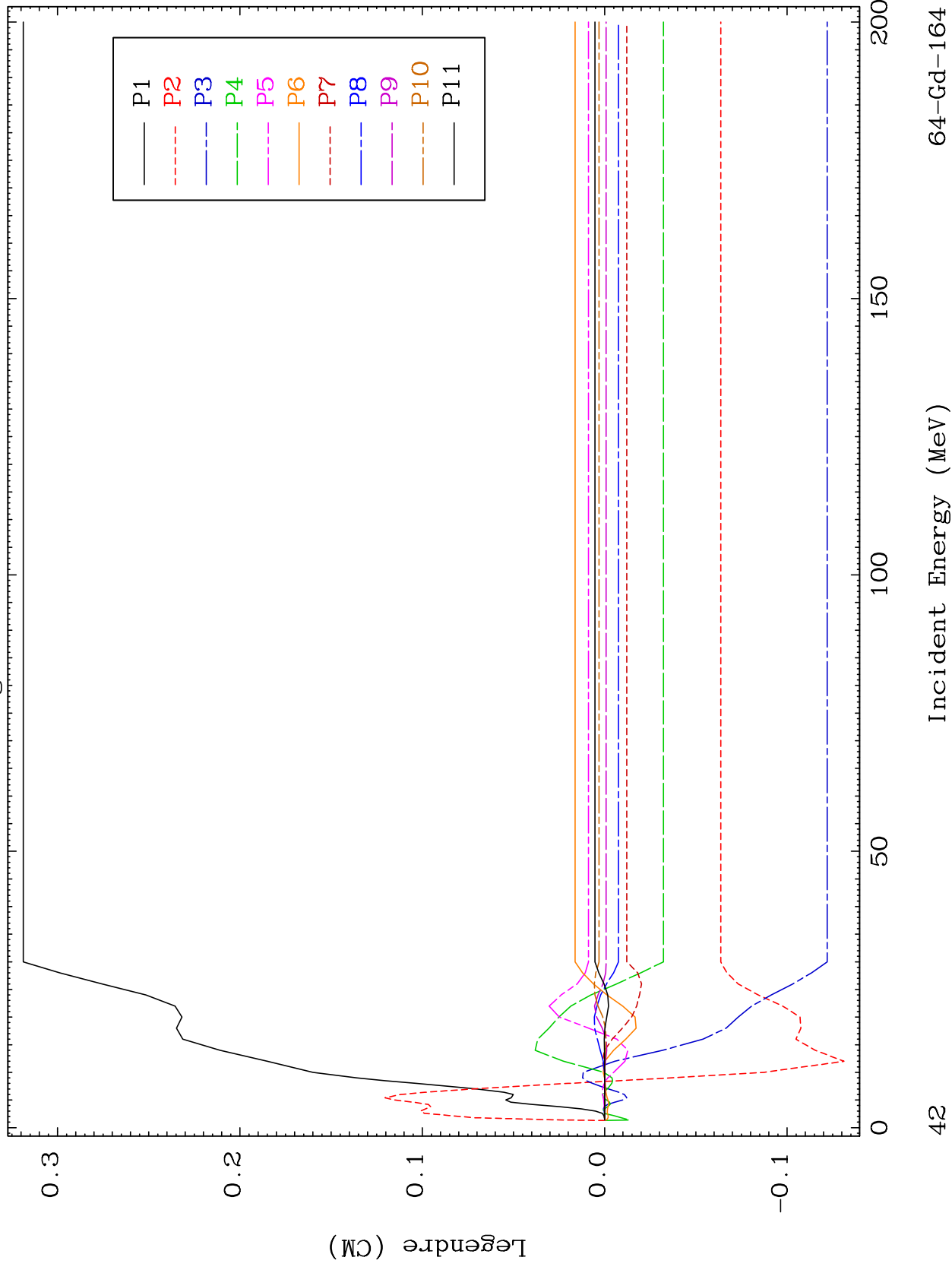
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MAT 6461

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

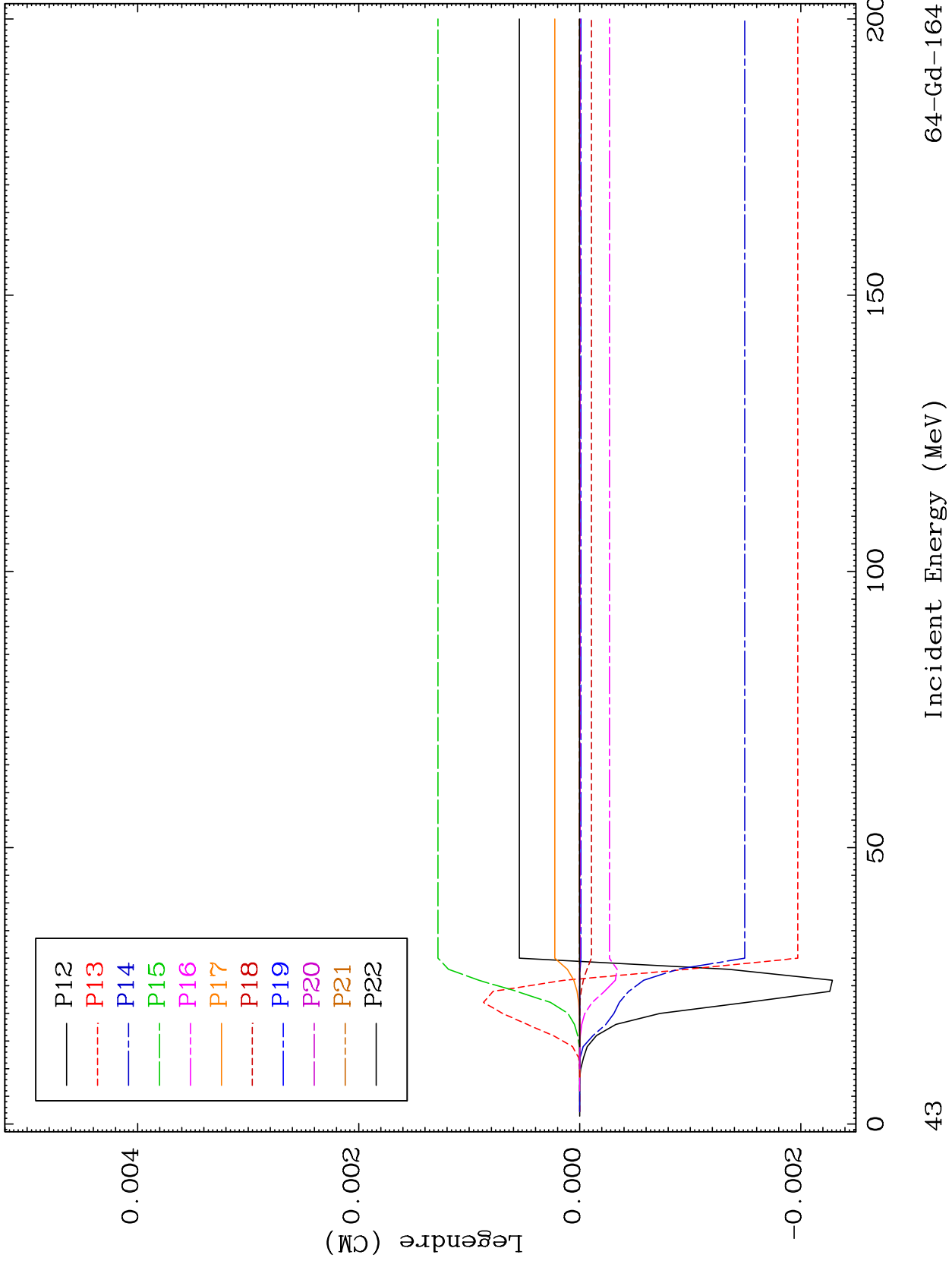
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MAT 6461

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

64-Gd-164



43

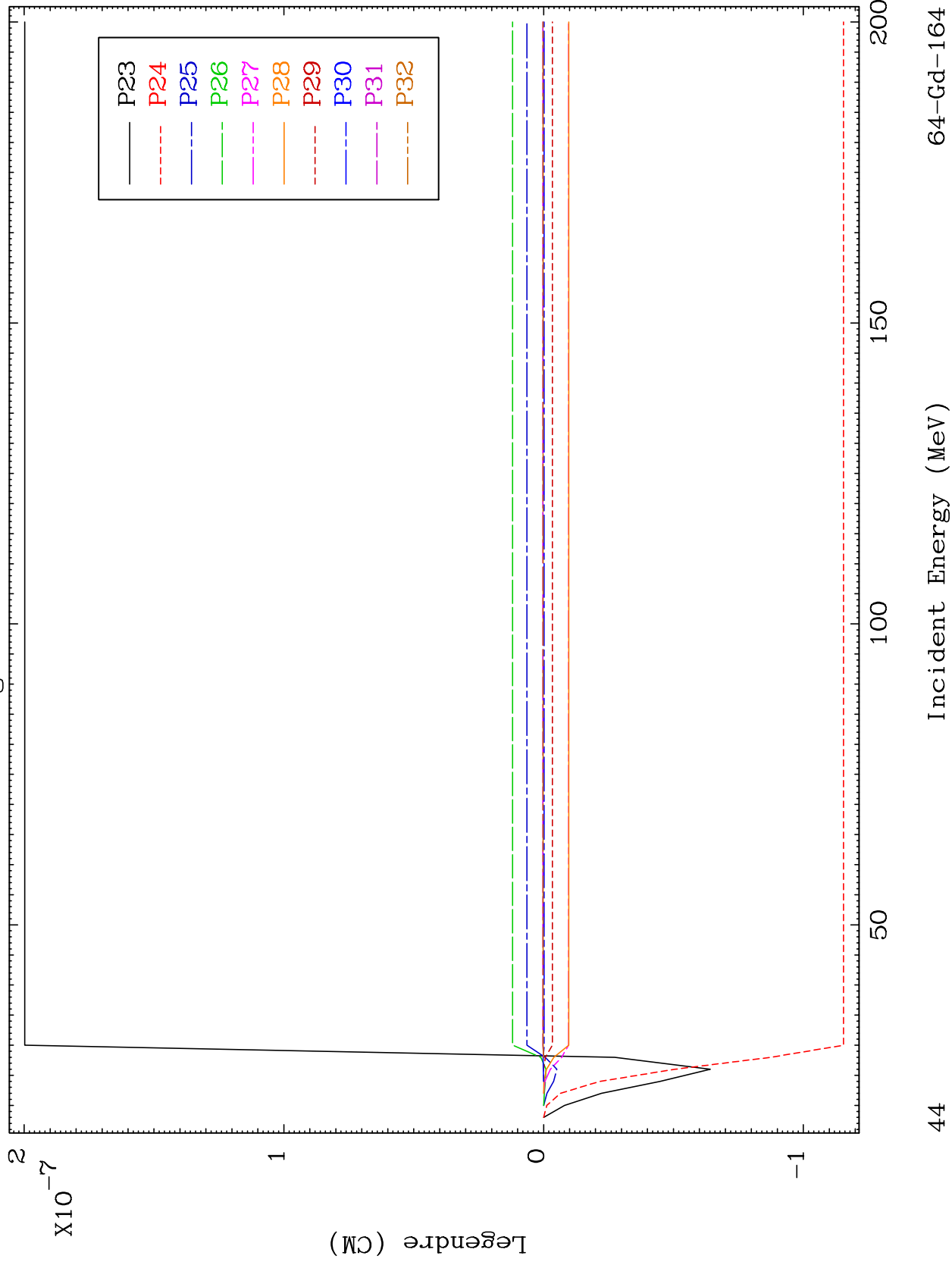
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



44

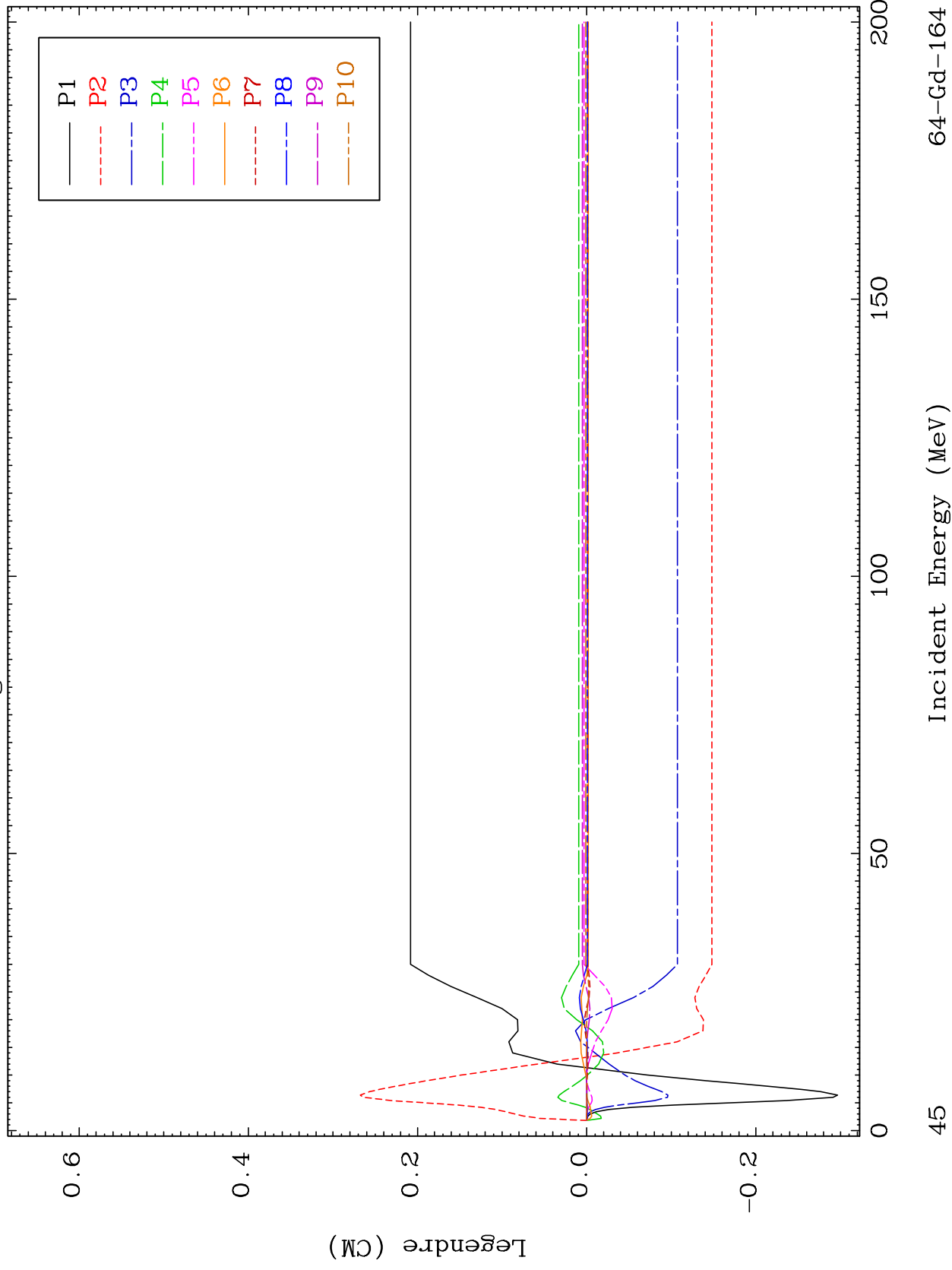
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

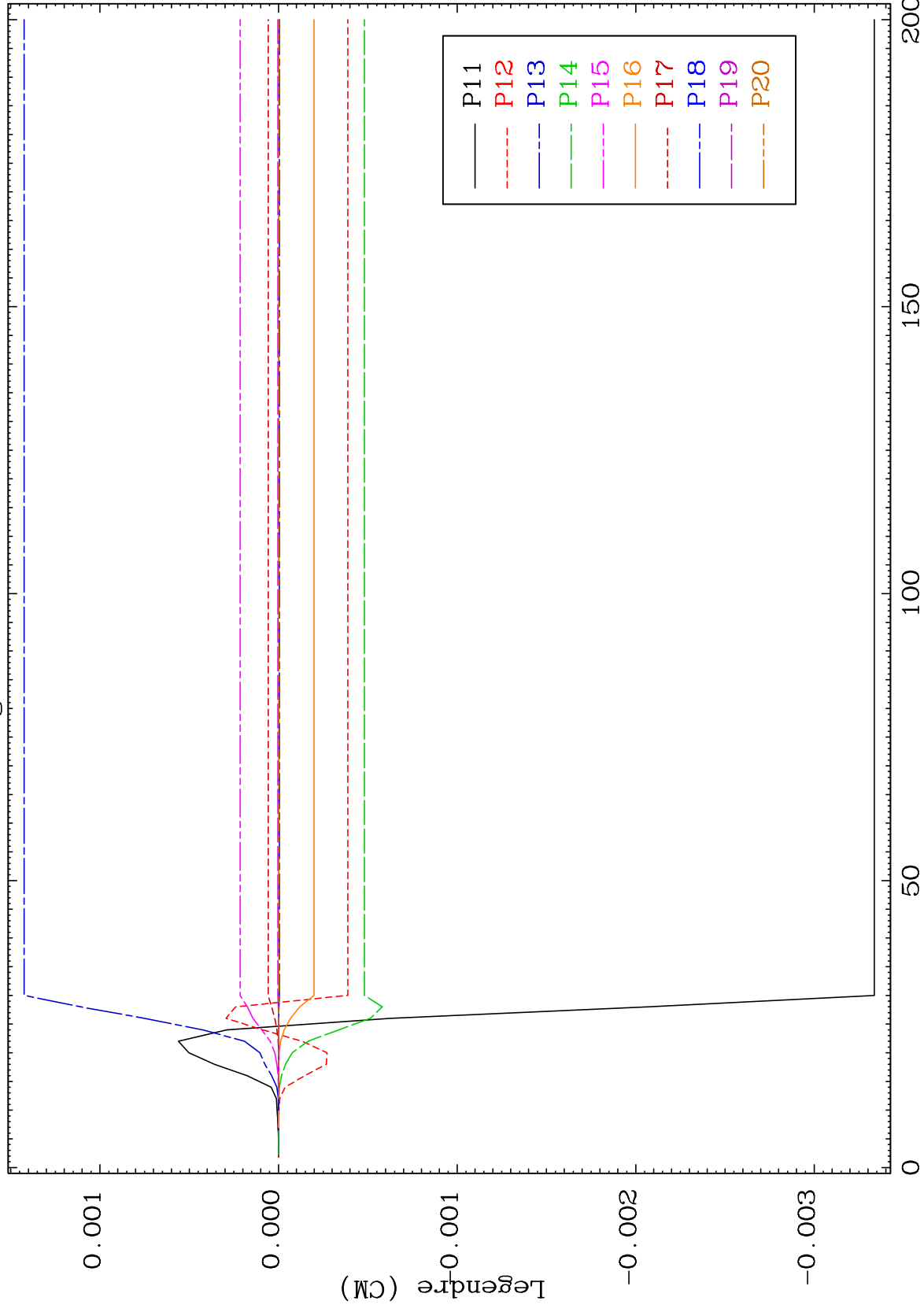
Incident Energy (MeV)

45

MAT 6461

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

64-Gd-164



46

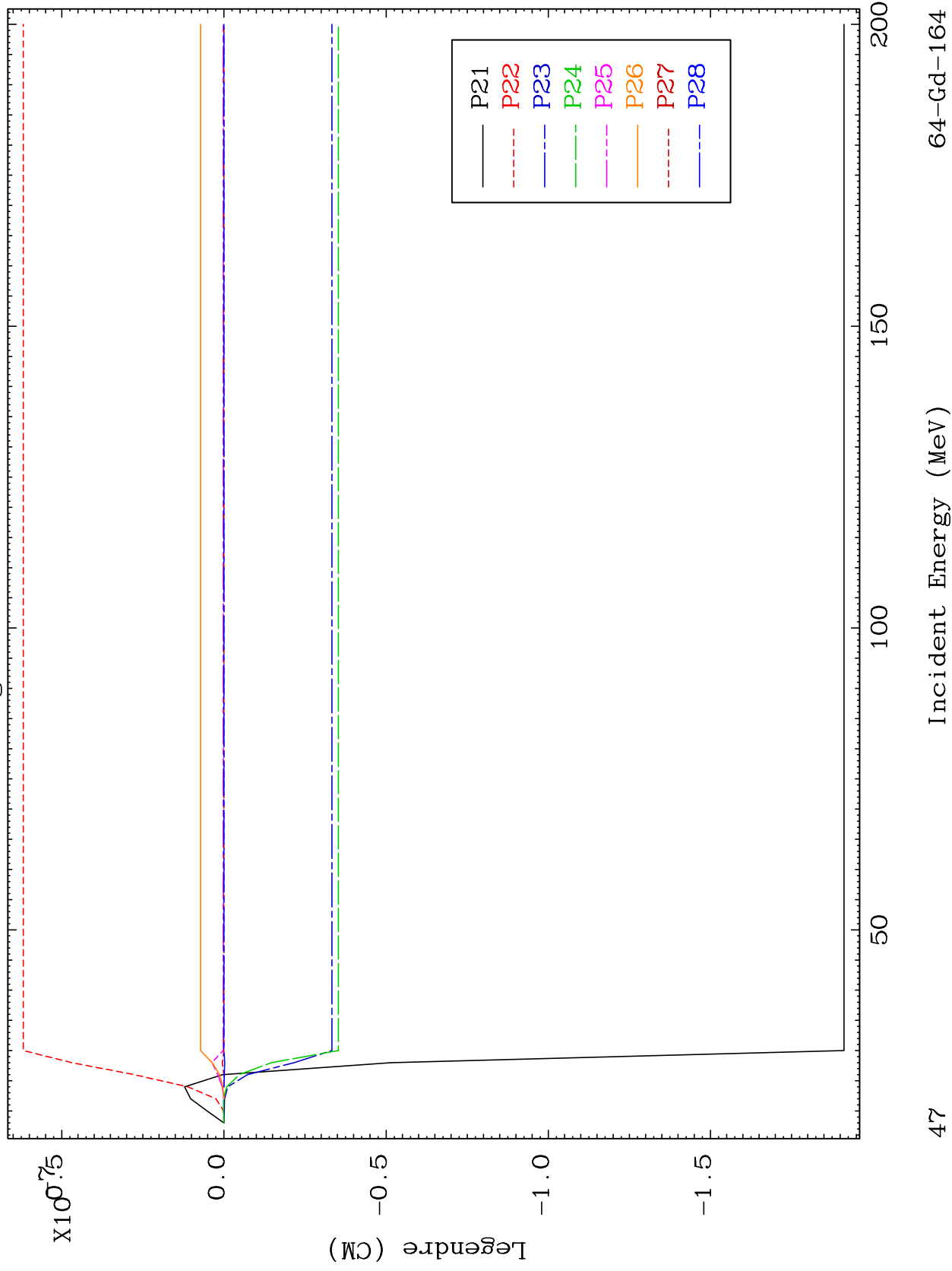
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

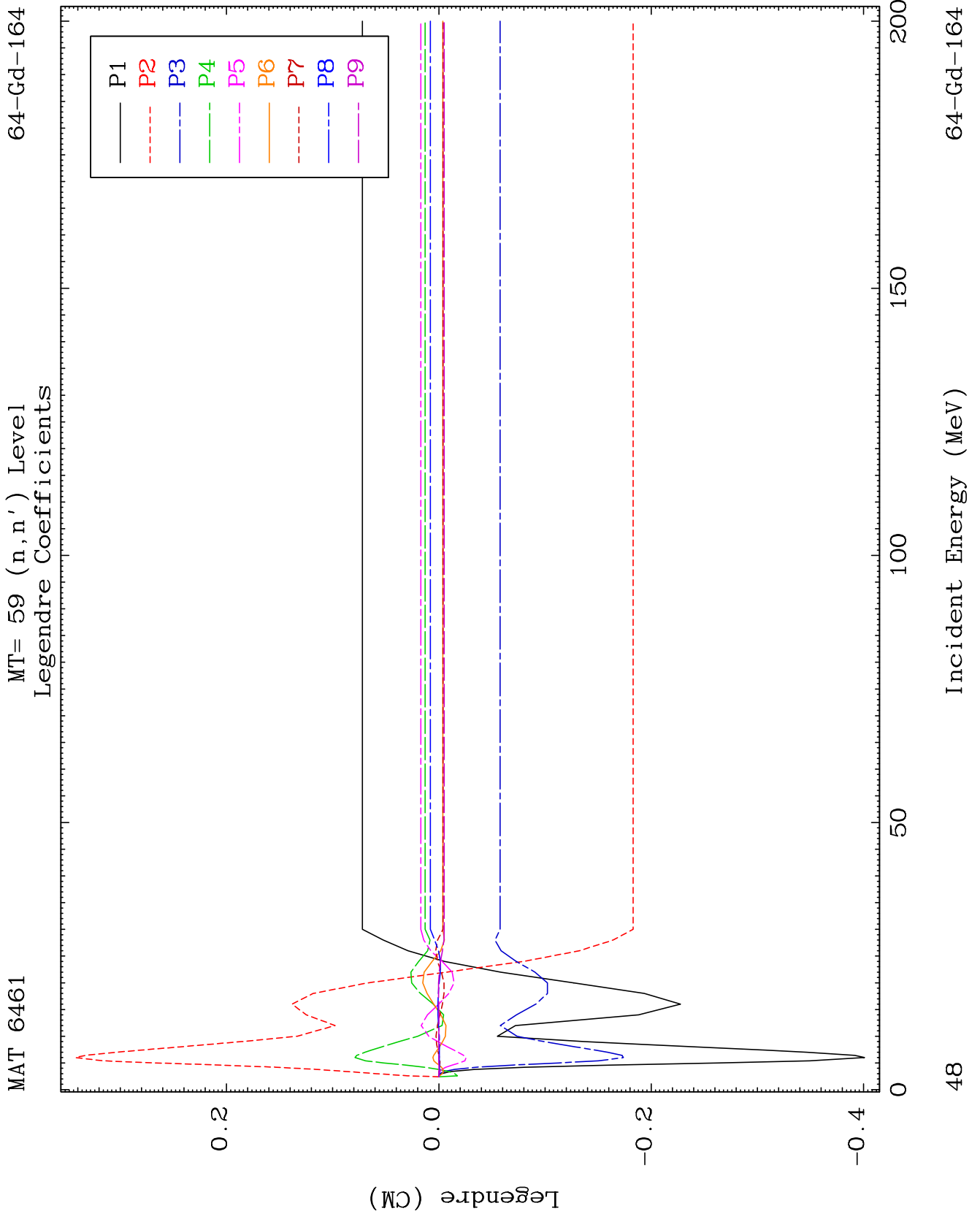
64-Gd-164



47

Incident Energy (MeV)

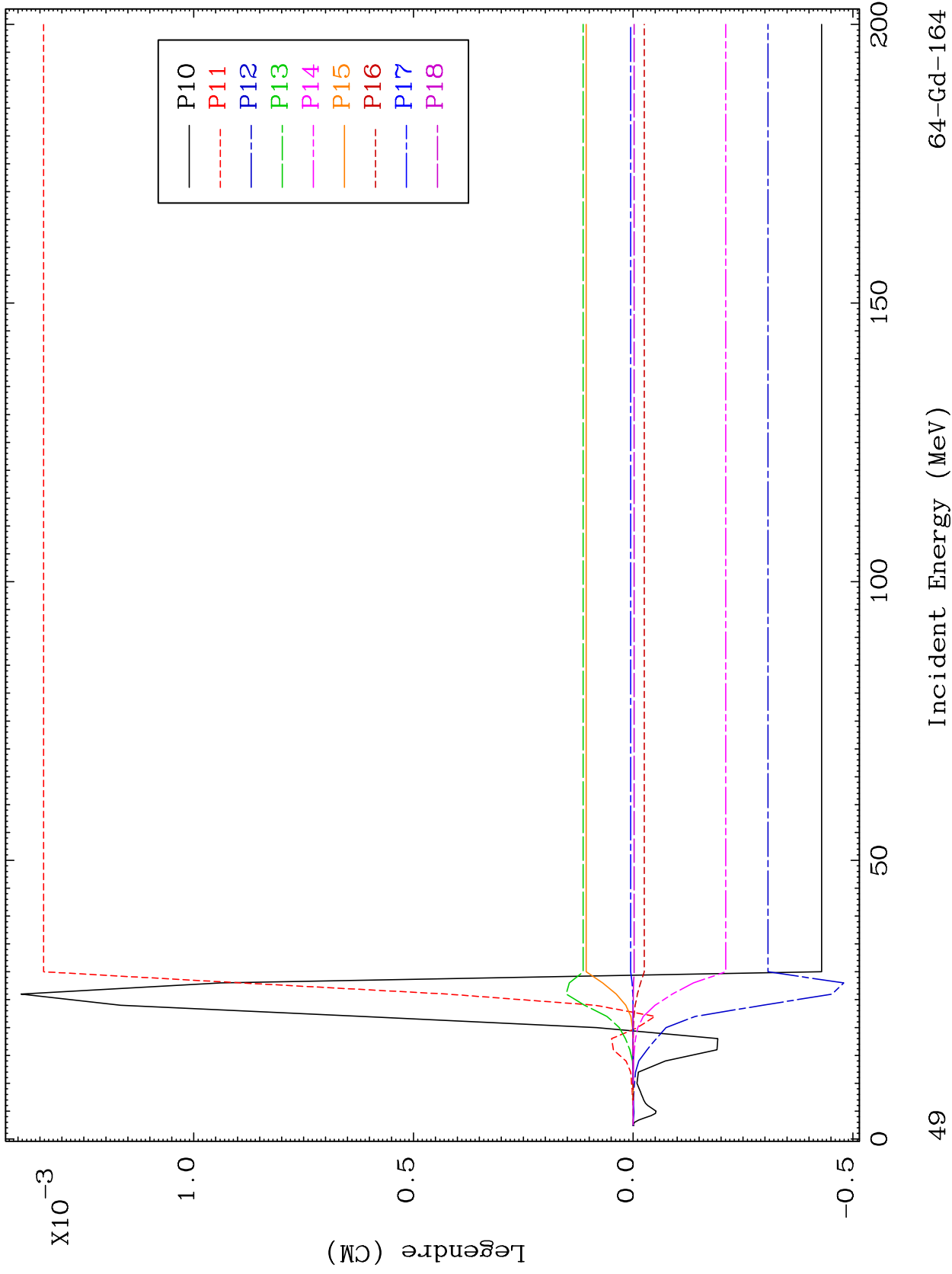
64-Gd-164



MAT 6461

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

64-Gd-164



49

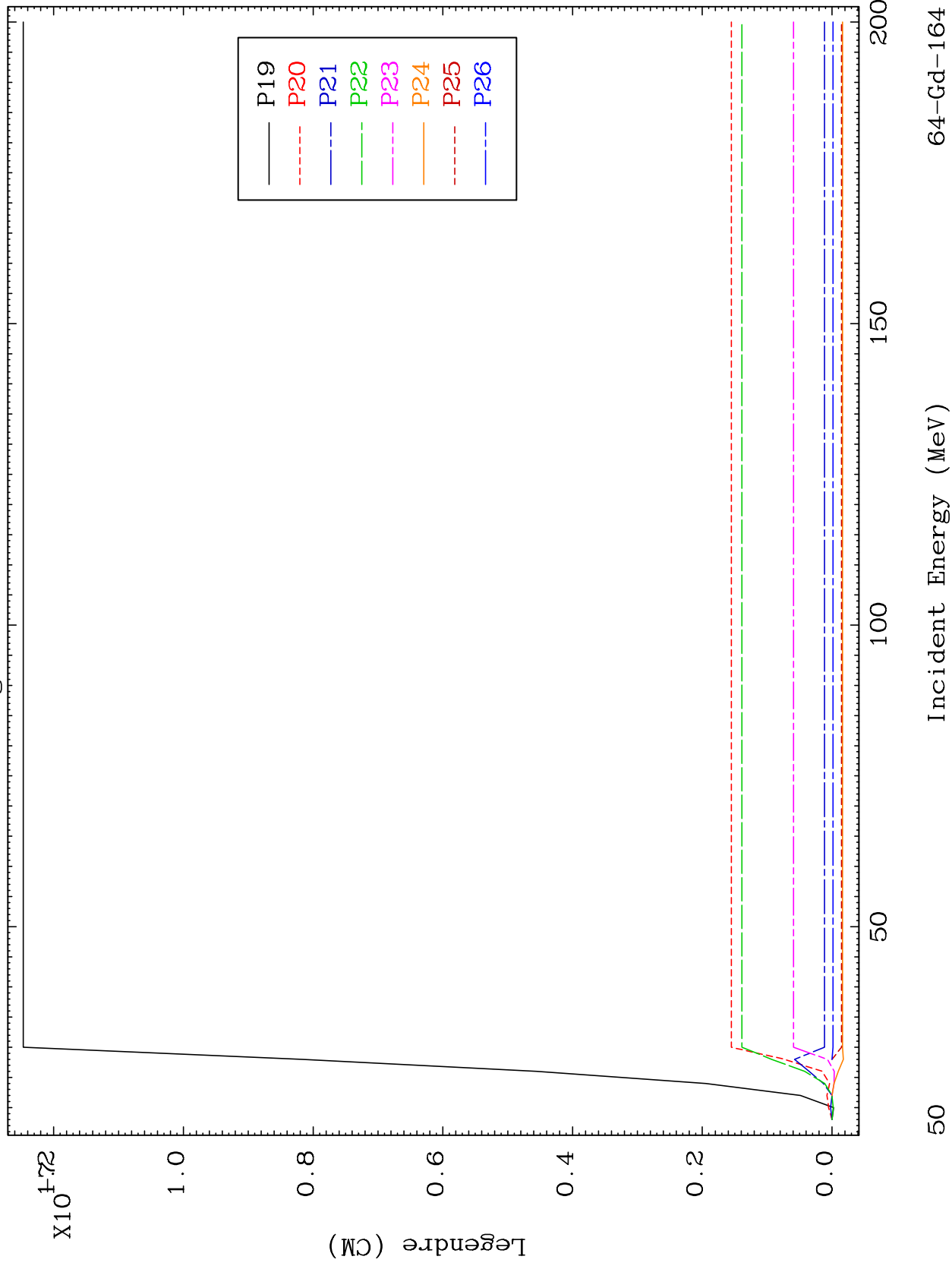
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

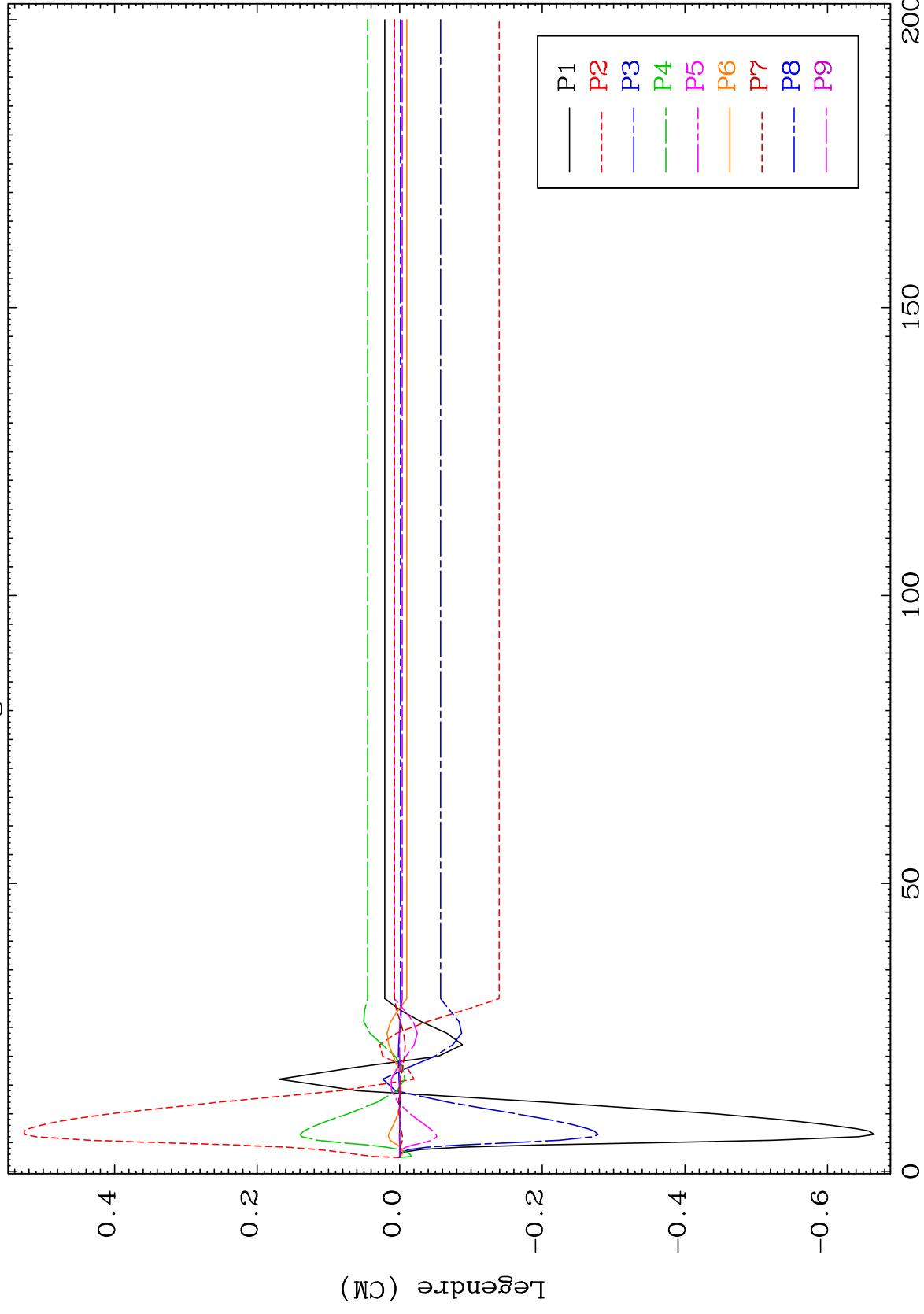
Incident Energy (MeV)

50

MAT 6461

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

64-Gd-164



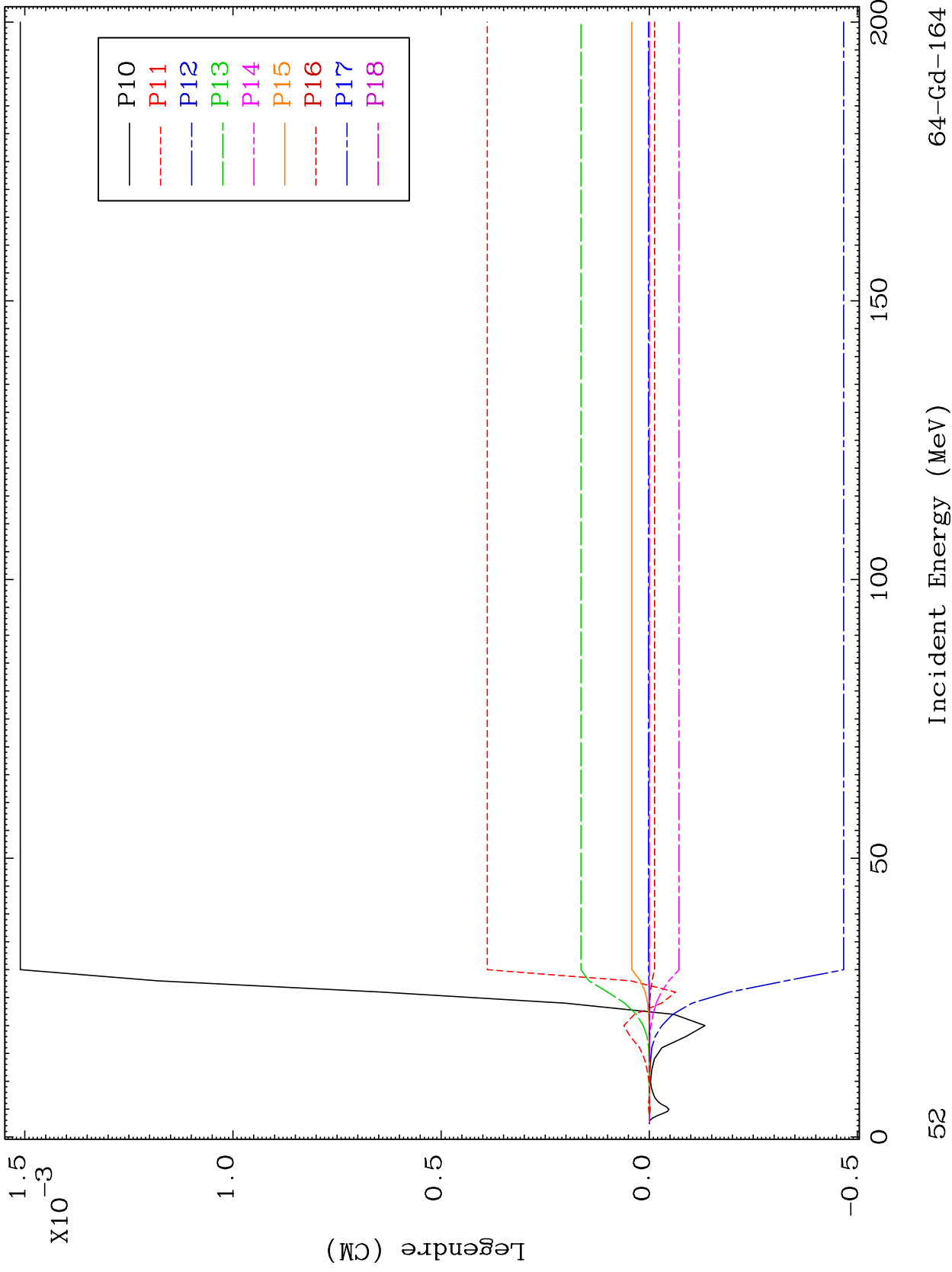
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64-Gd-164

MAT 6461

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

64-Gd-164



52

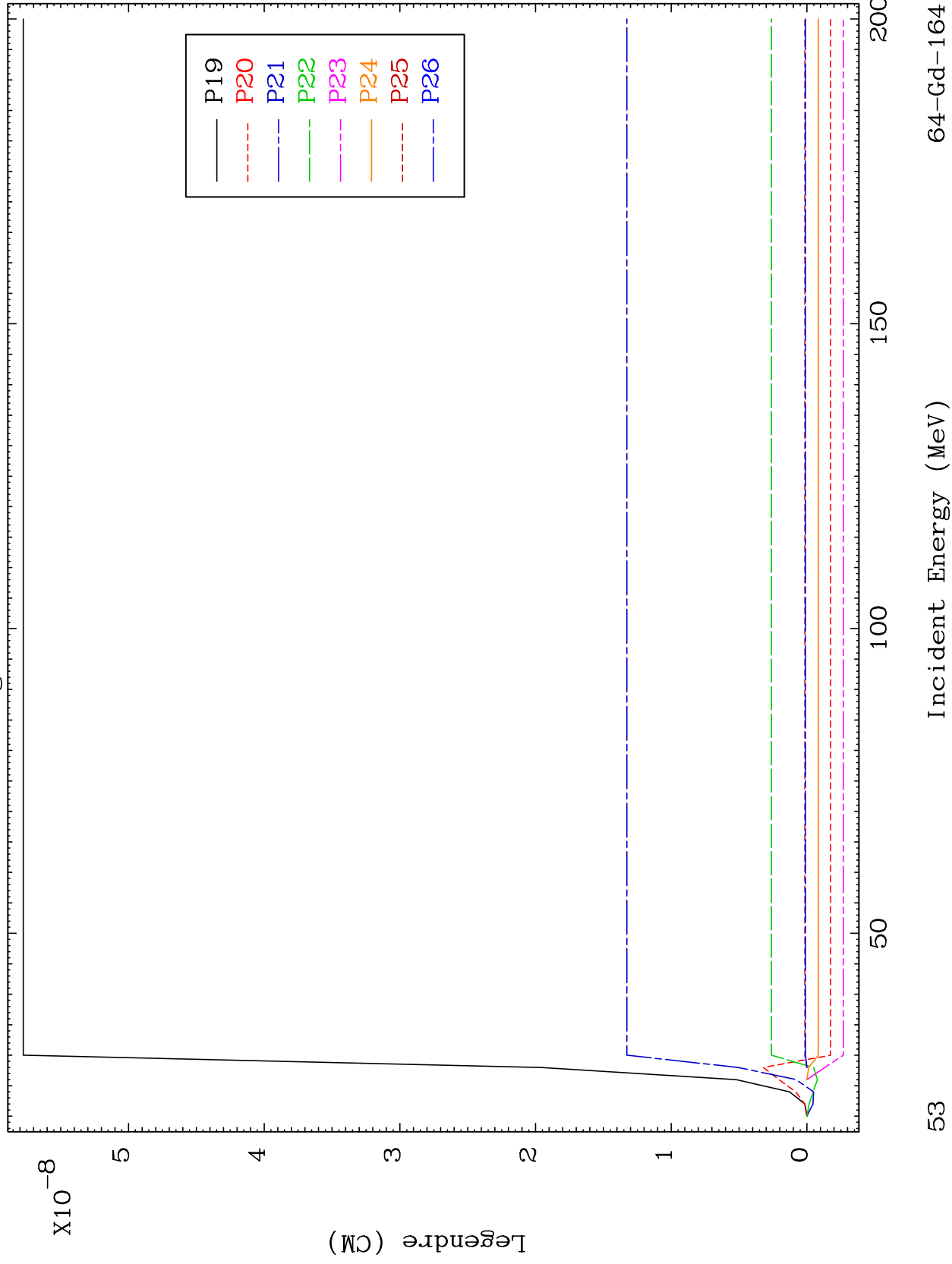
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

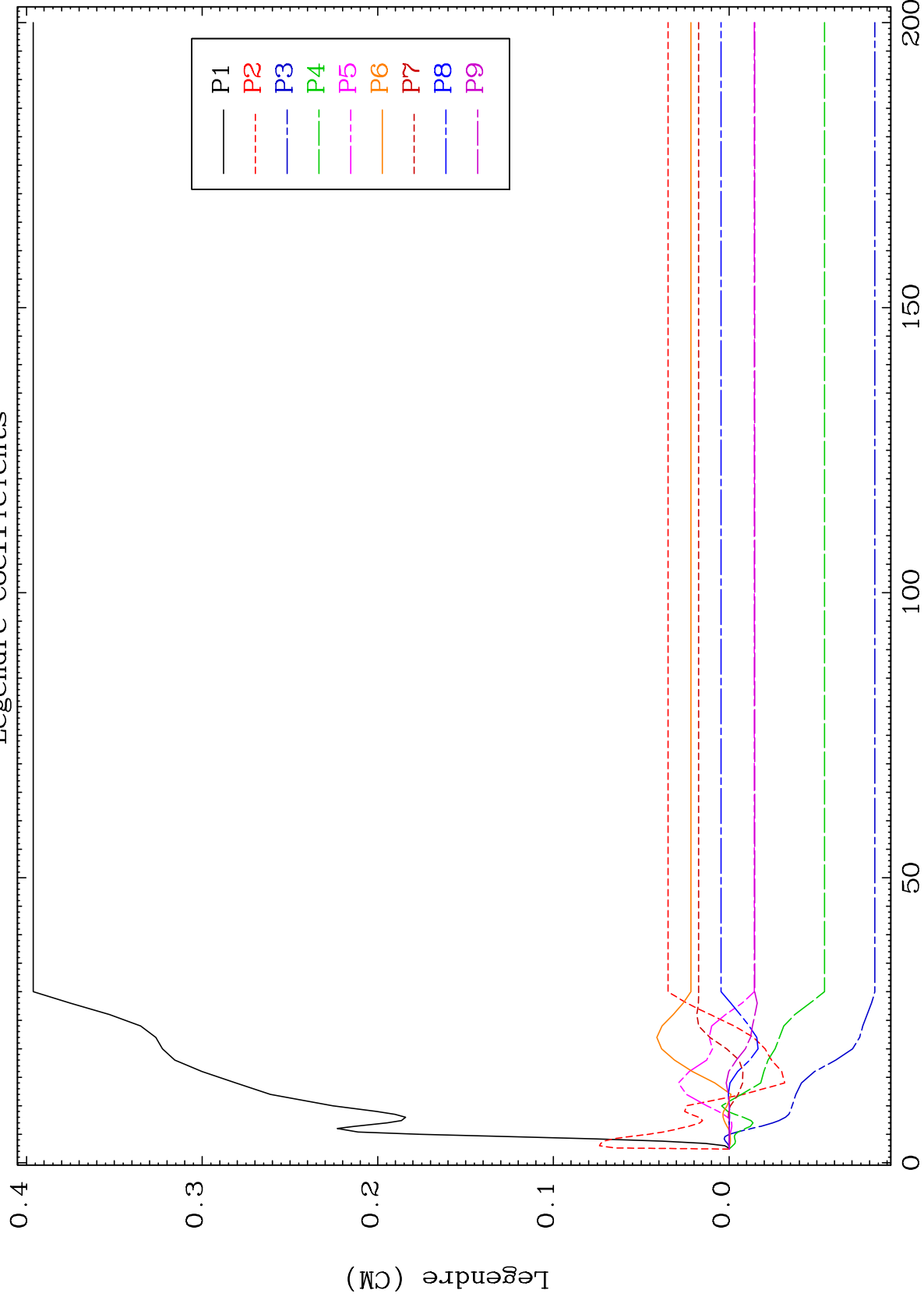
64-Gd-164



MAT 6461

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

64-Gd-164



54

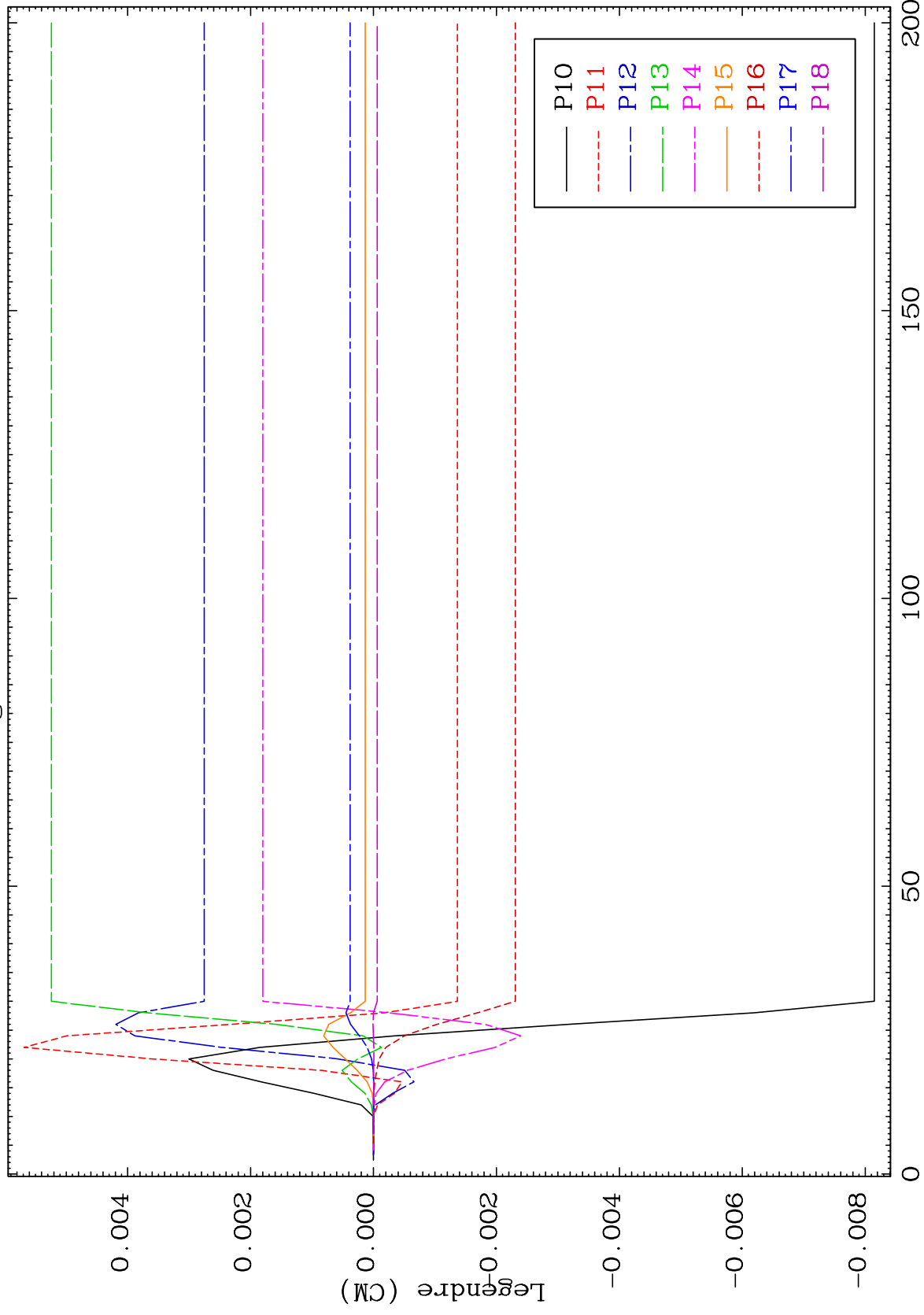
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



55

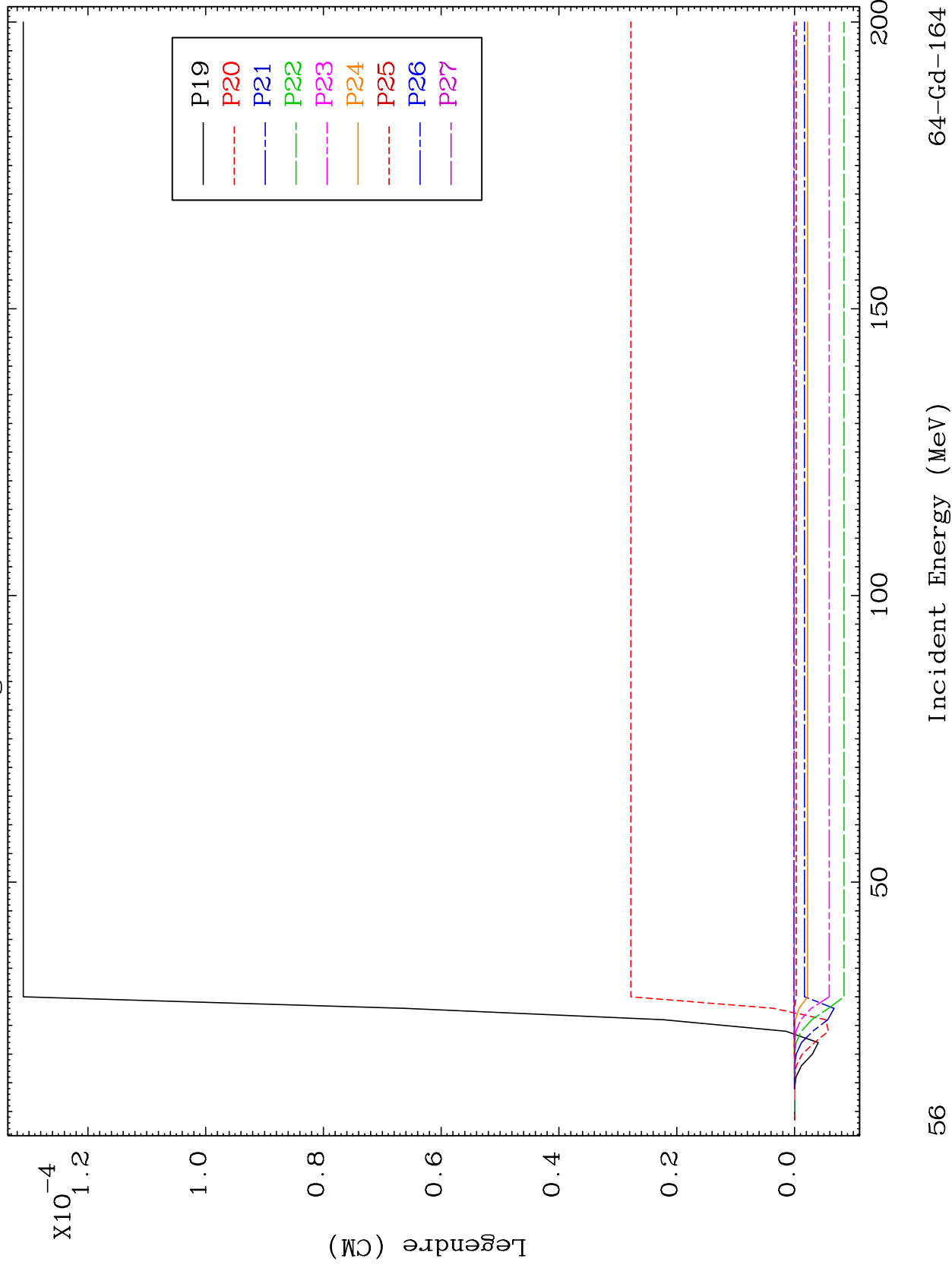
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



56

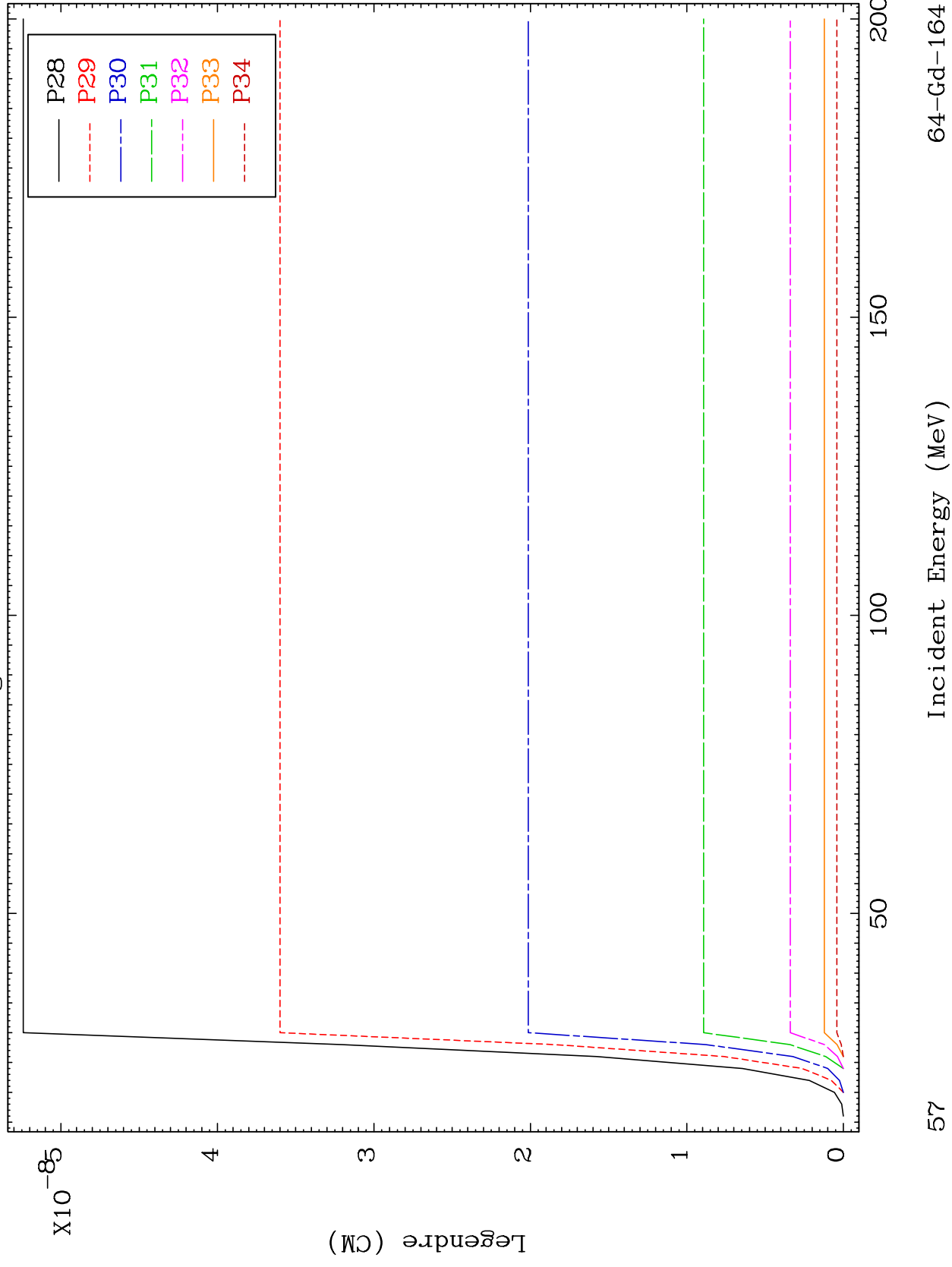
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



57

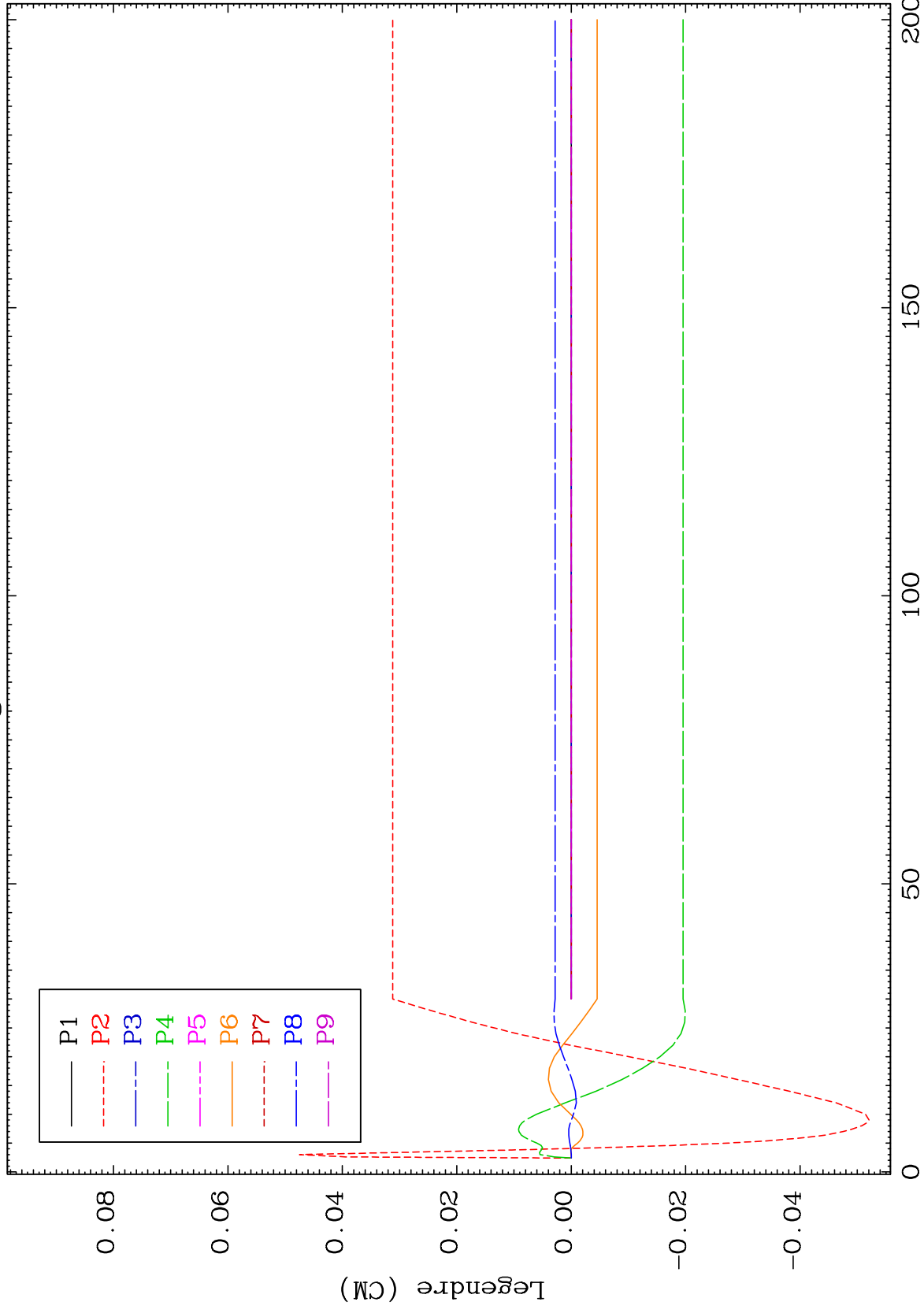
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



58

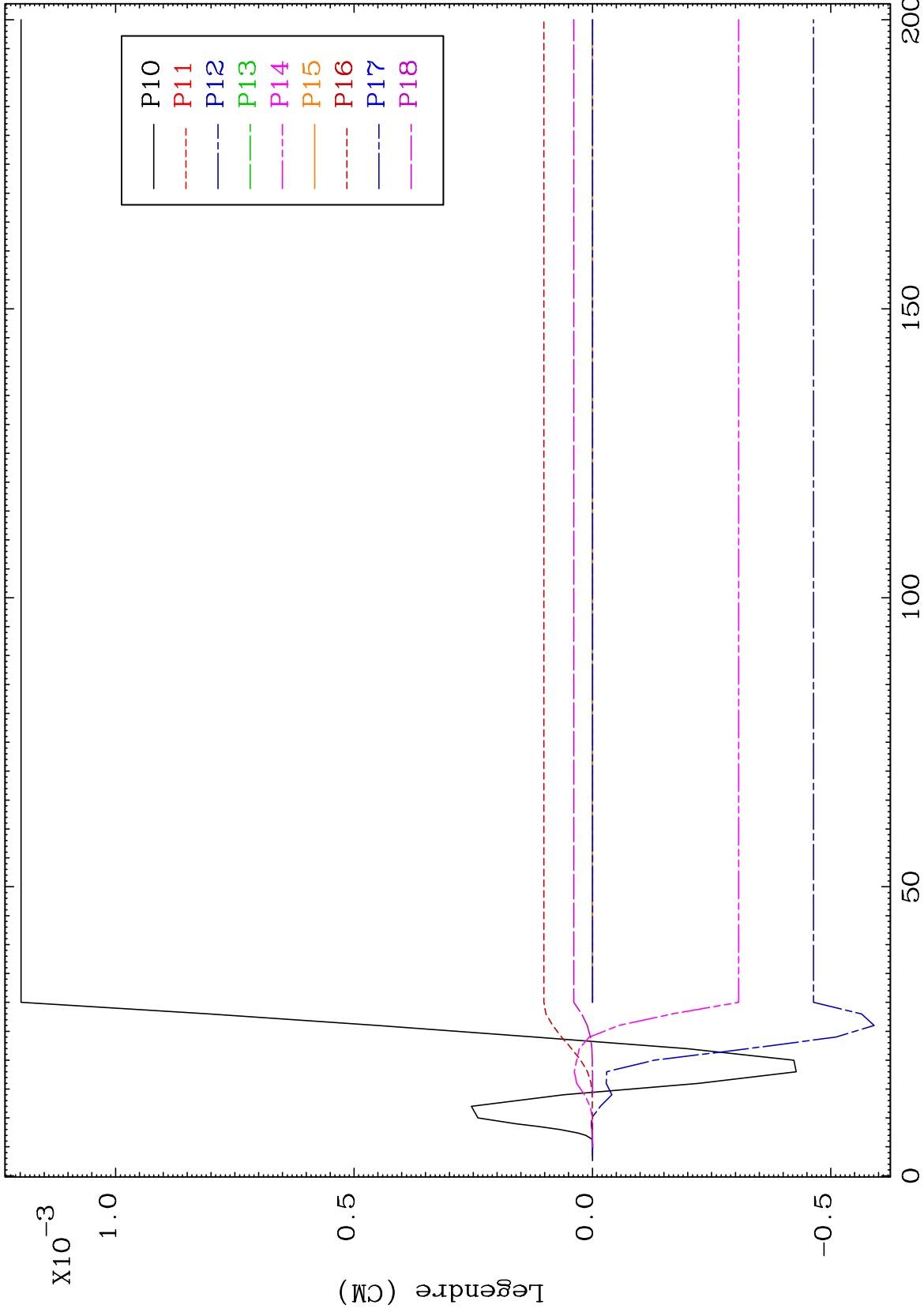
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

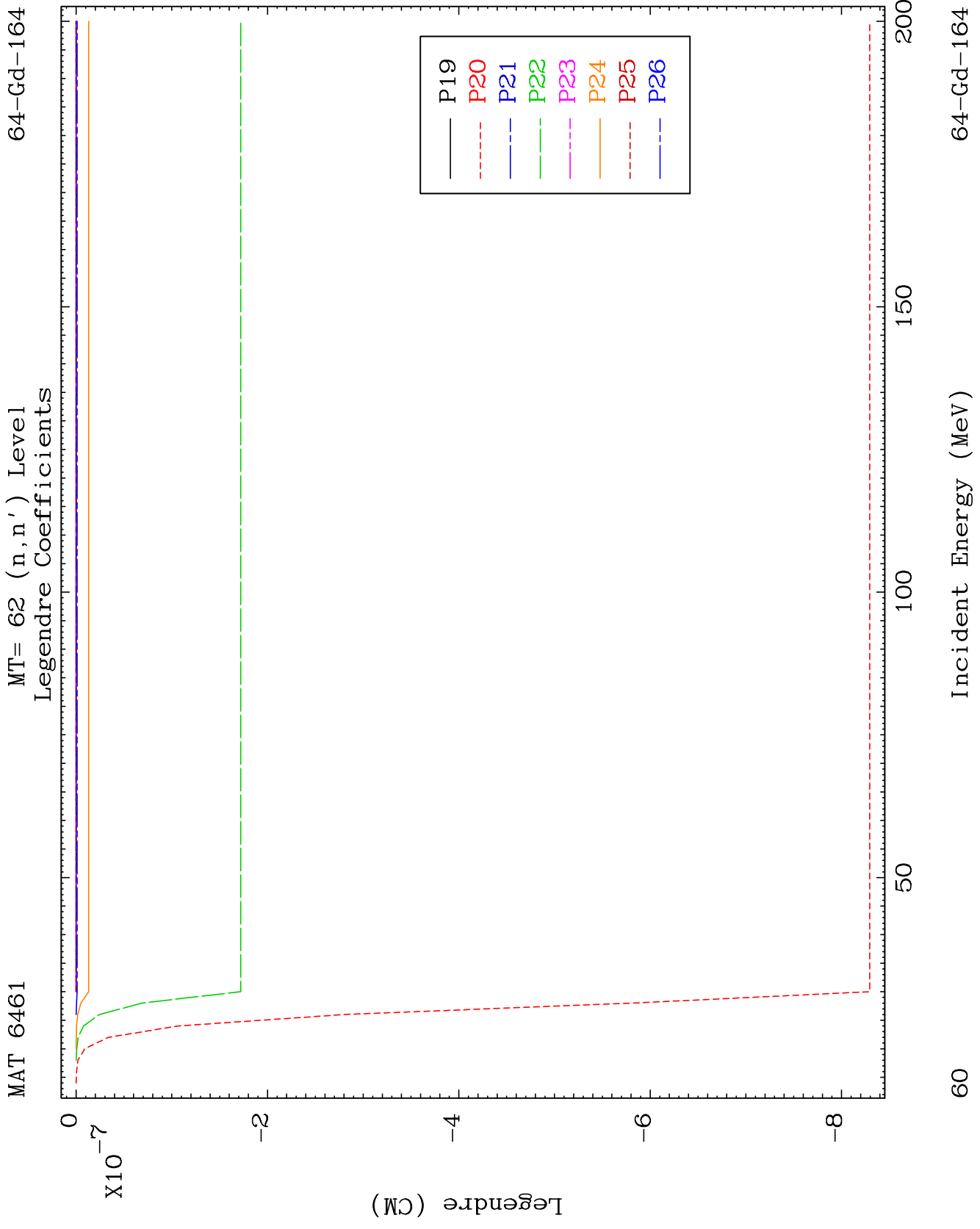
64-Gd-164



59

Incident Energy (MeV)

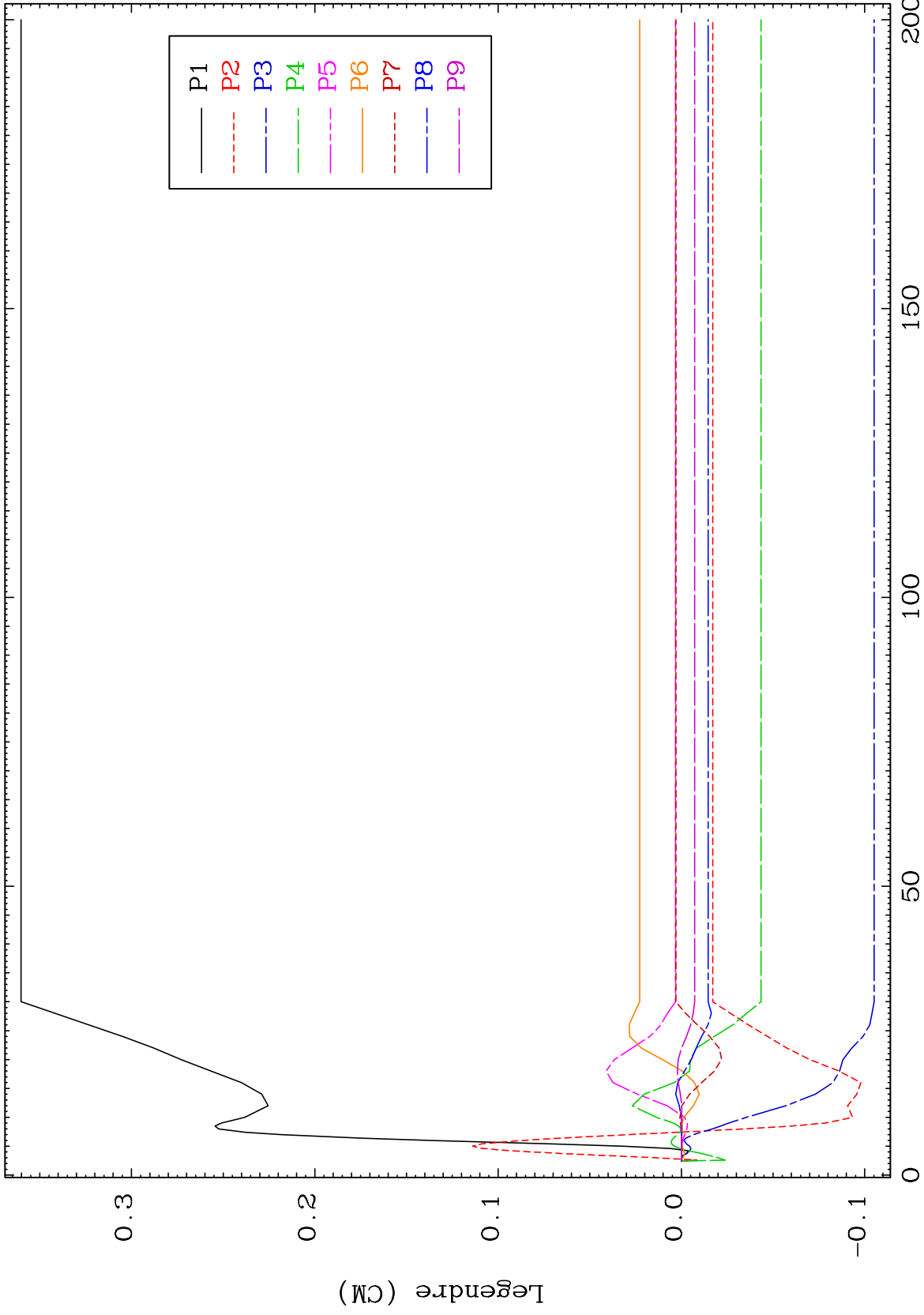
64-Gd-164



MAT 6461

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

64-Gd-164



61

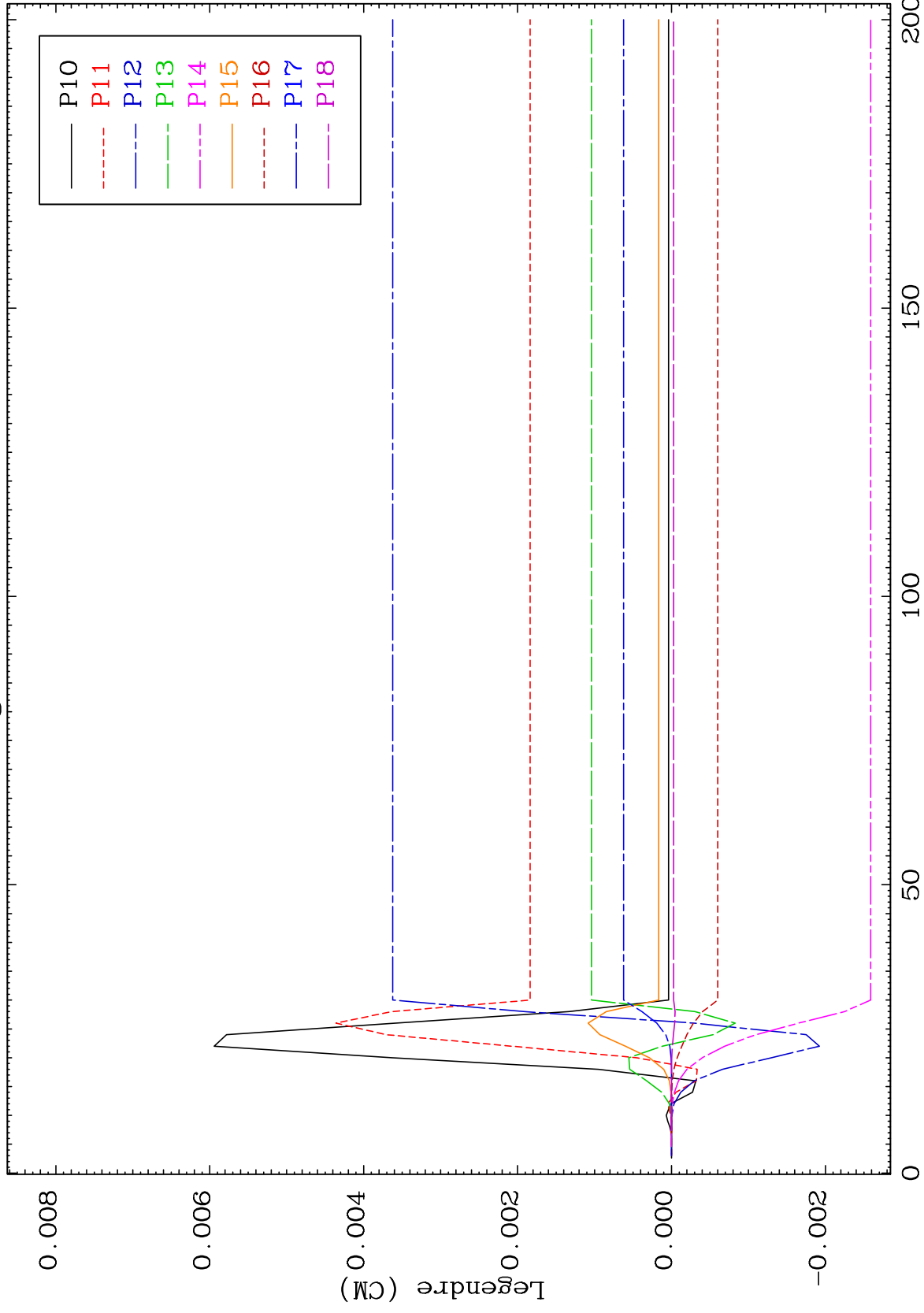
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



62

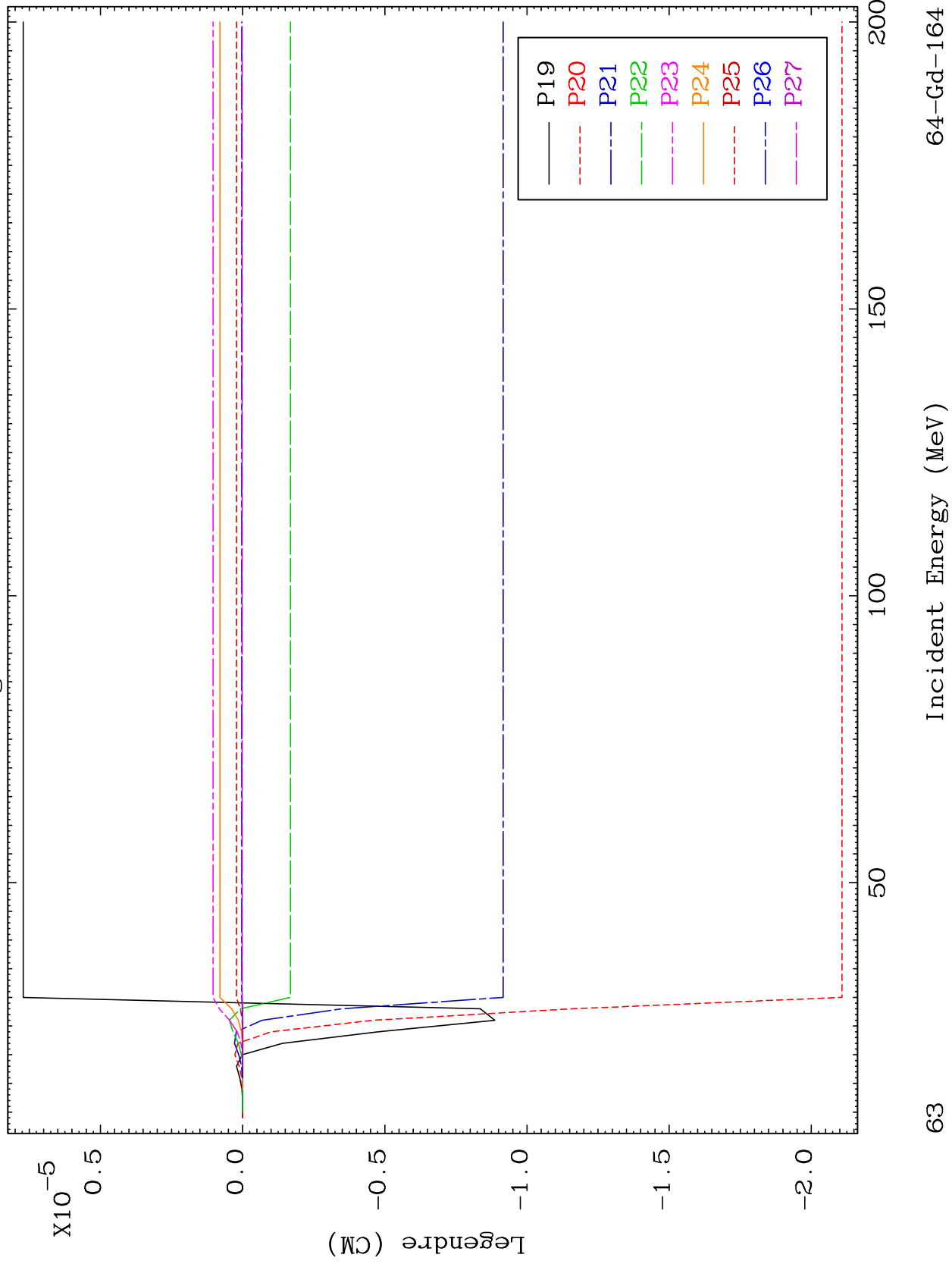
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



63

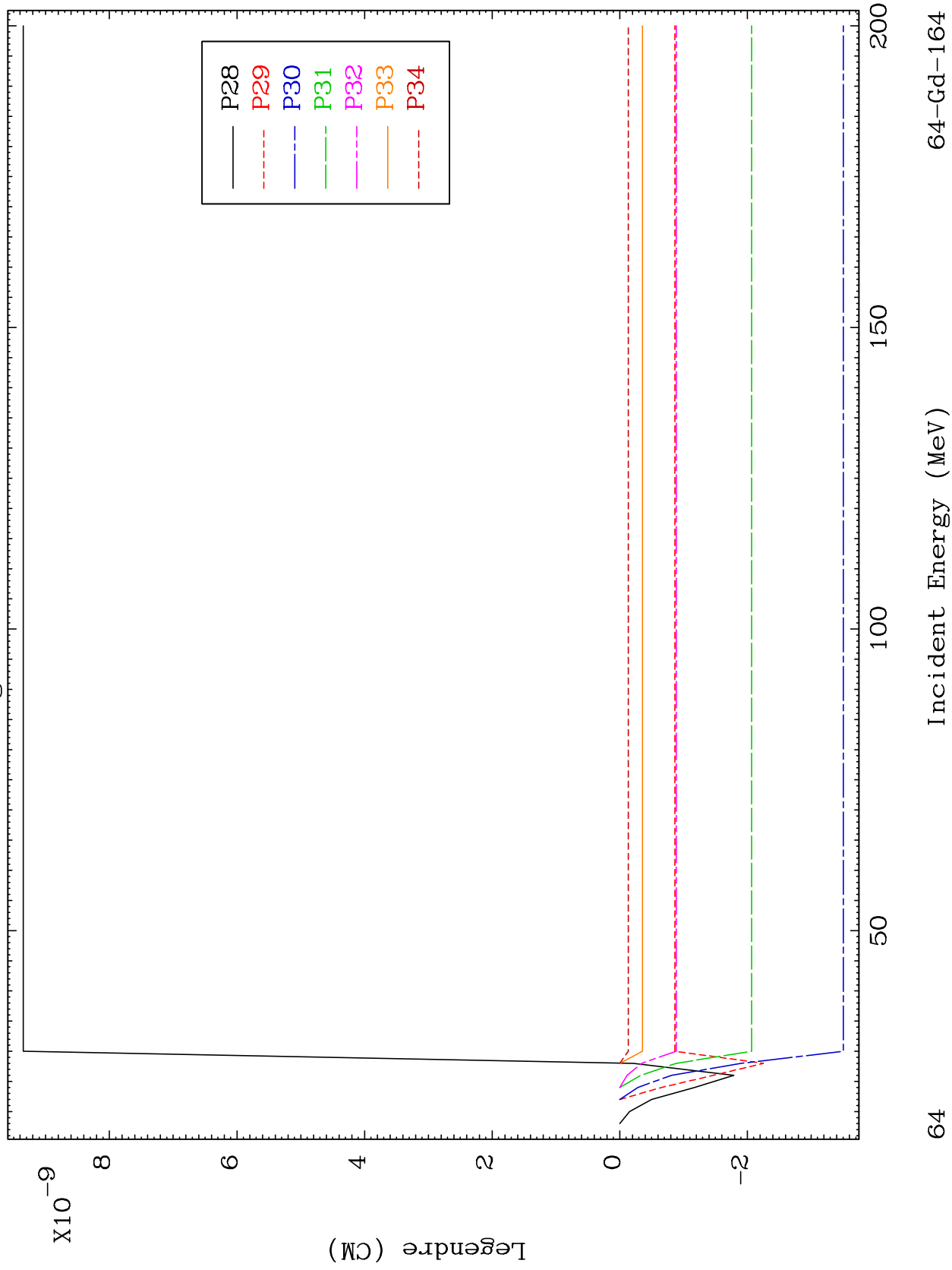
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

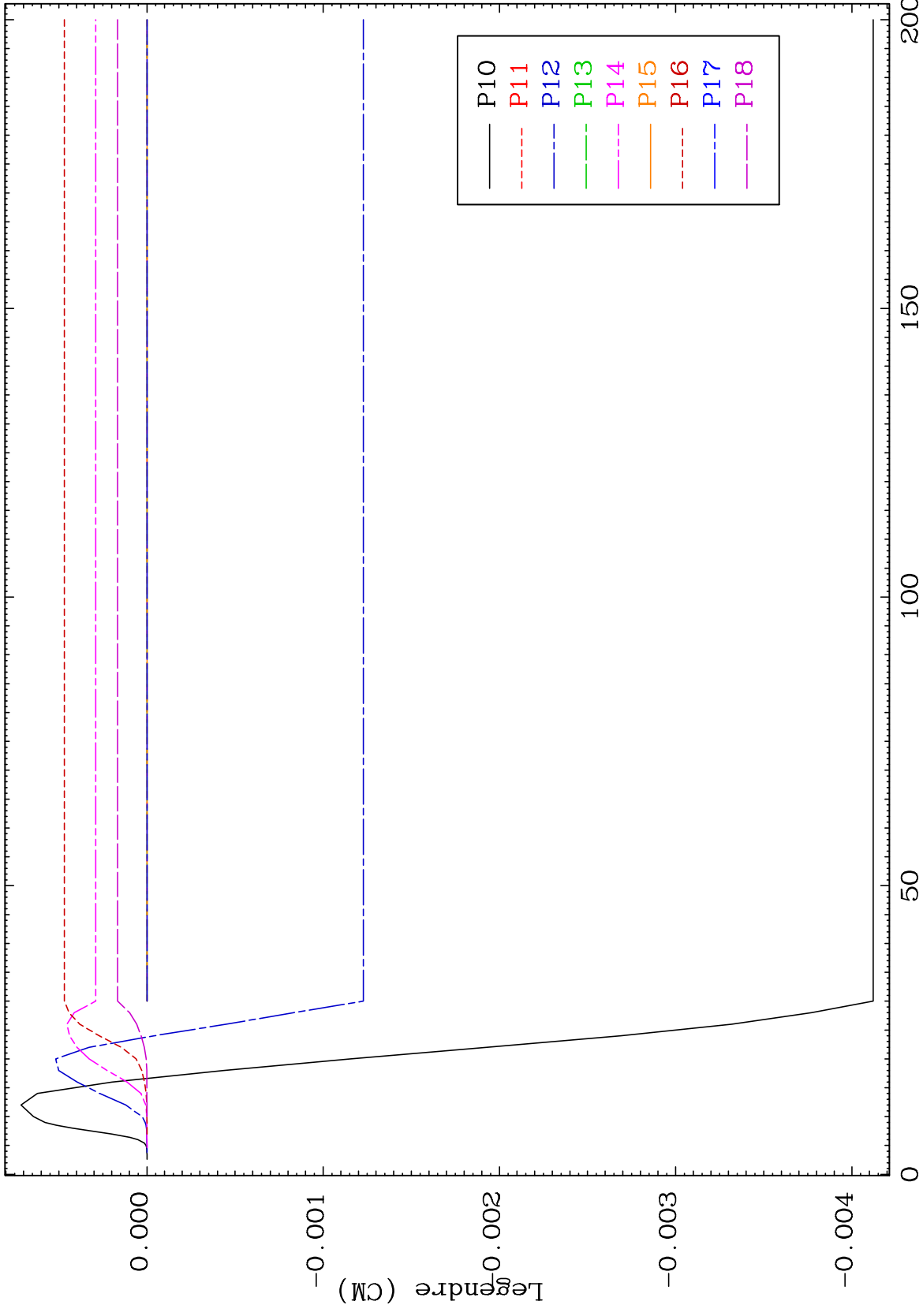
64-Gd-164



MAT 6461

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

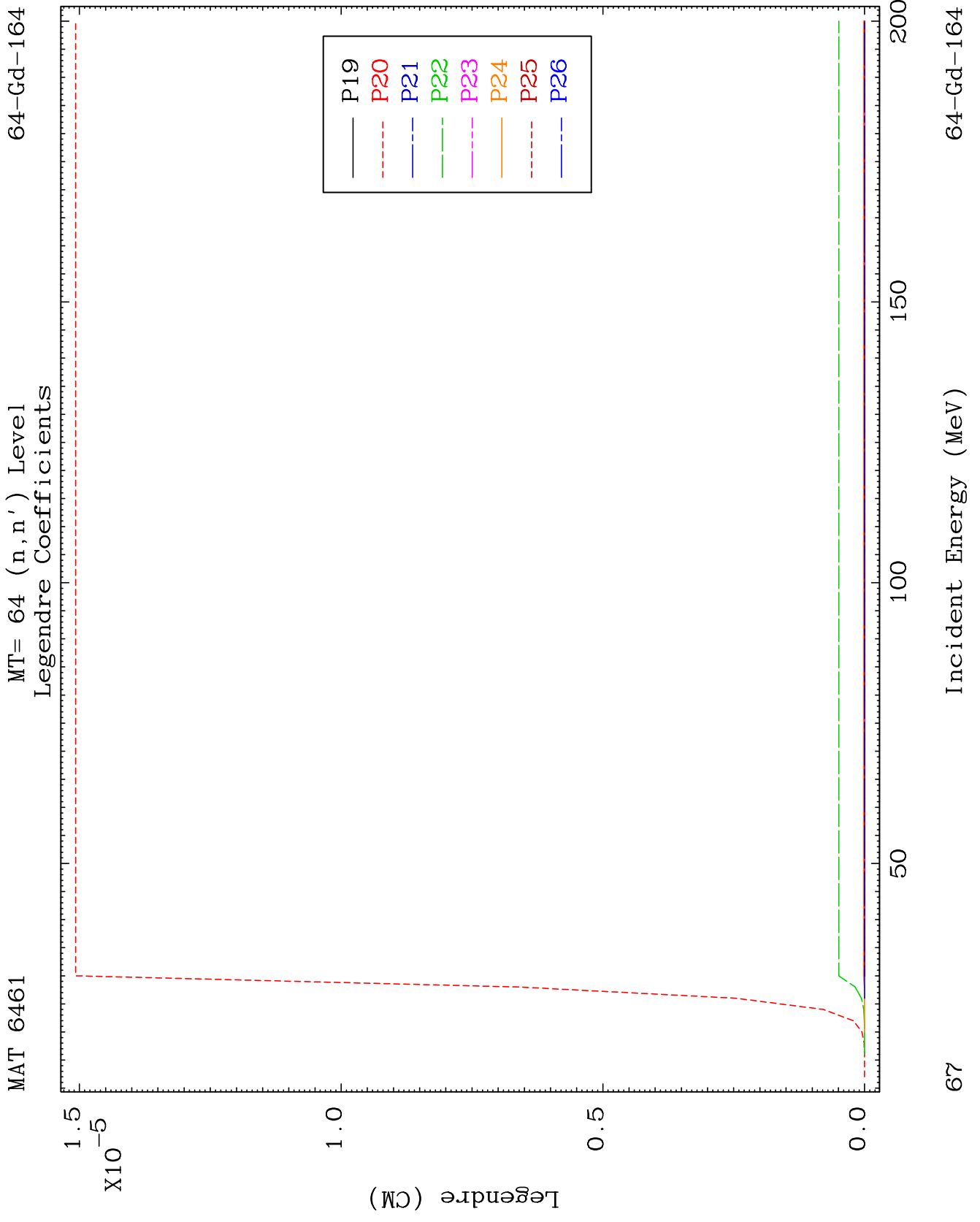
64-Gd-164



66

Incident Energy (MeV)

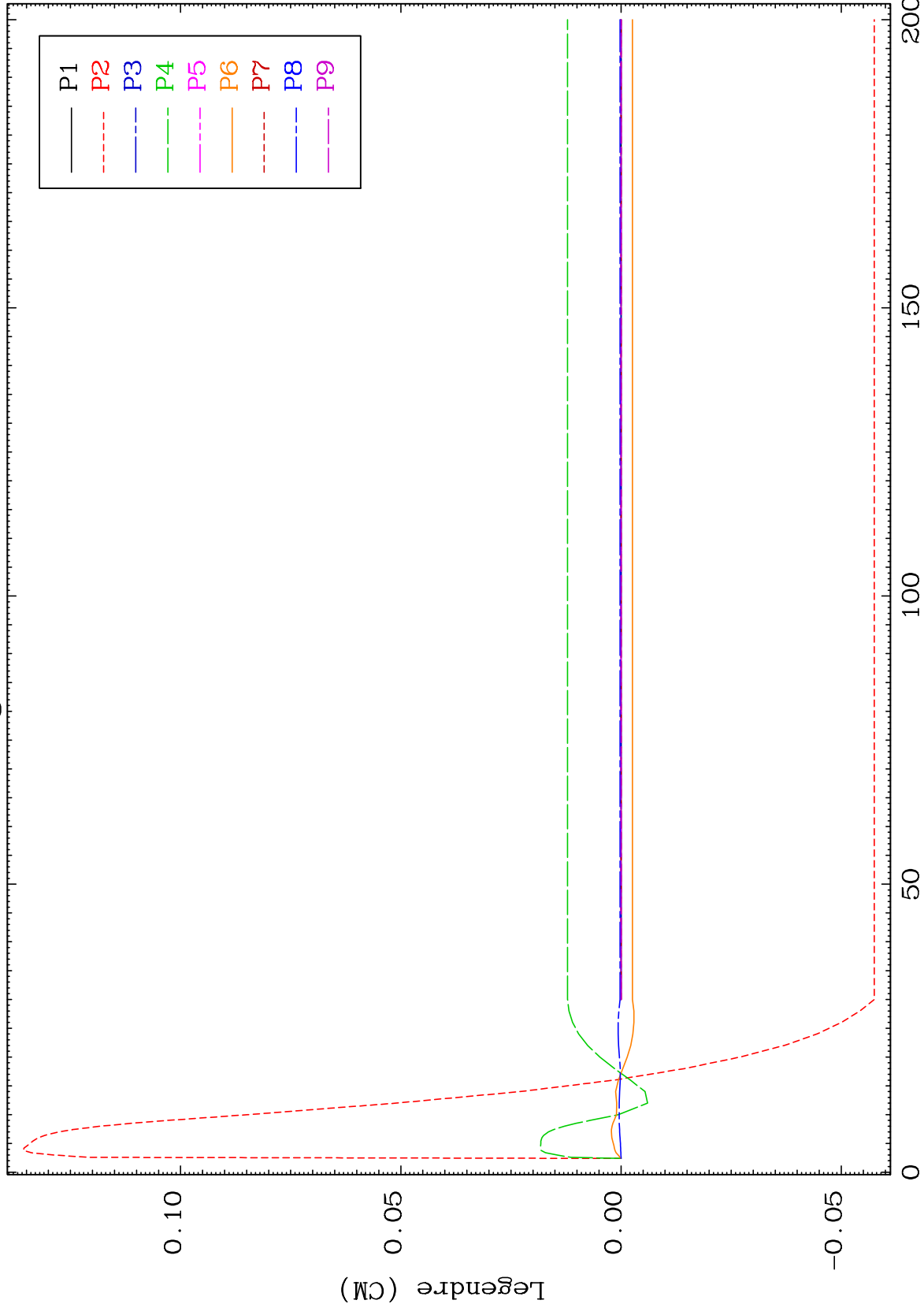
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

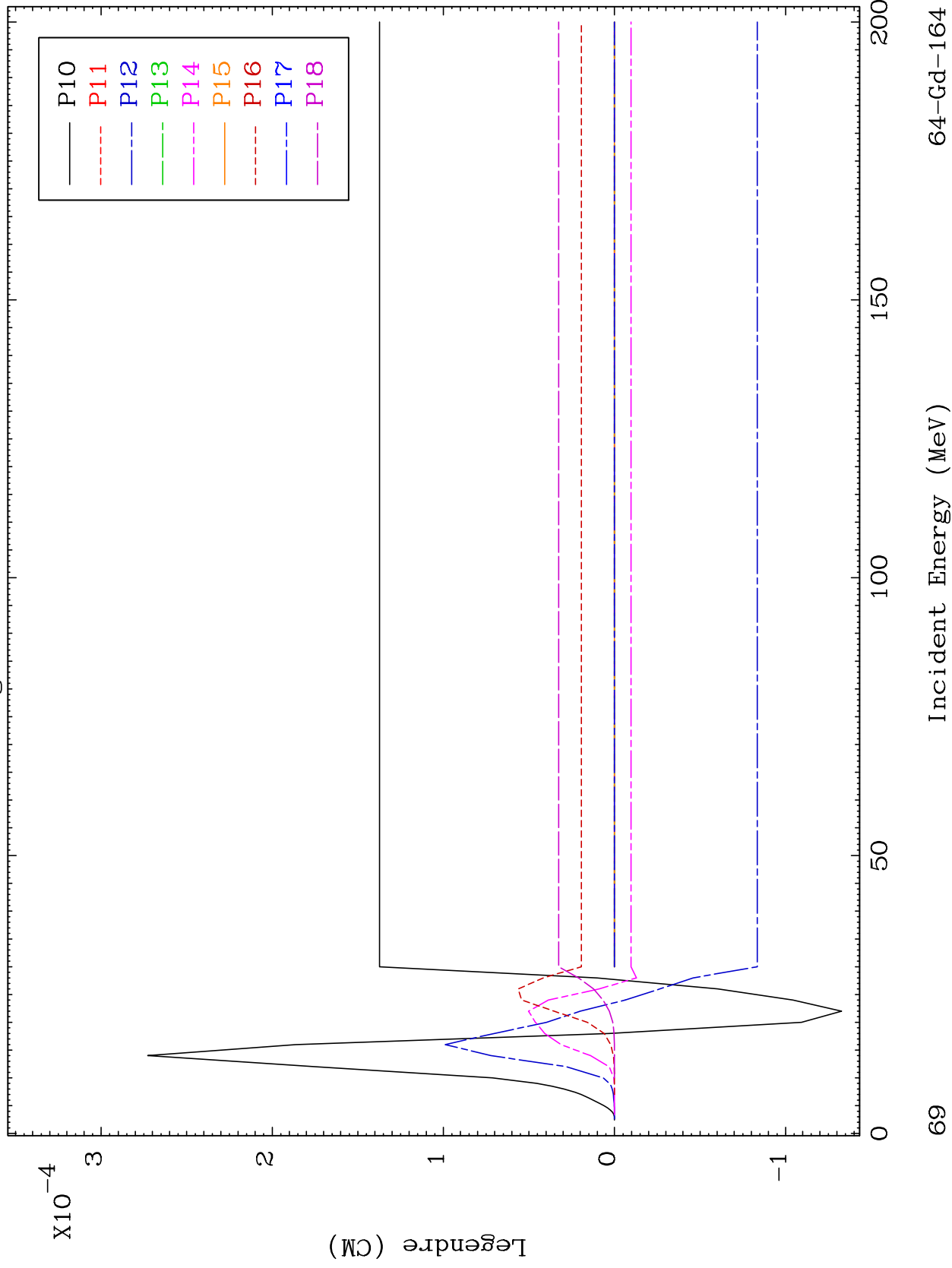
Incident Energy (MeV)

68

MAT 6461

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

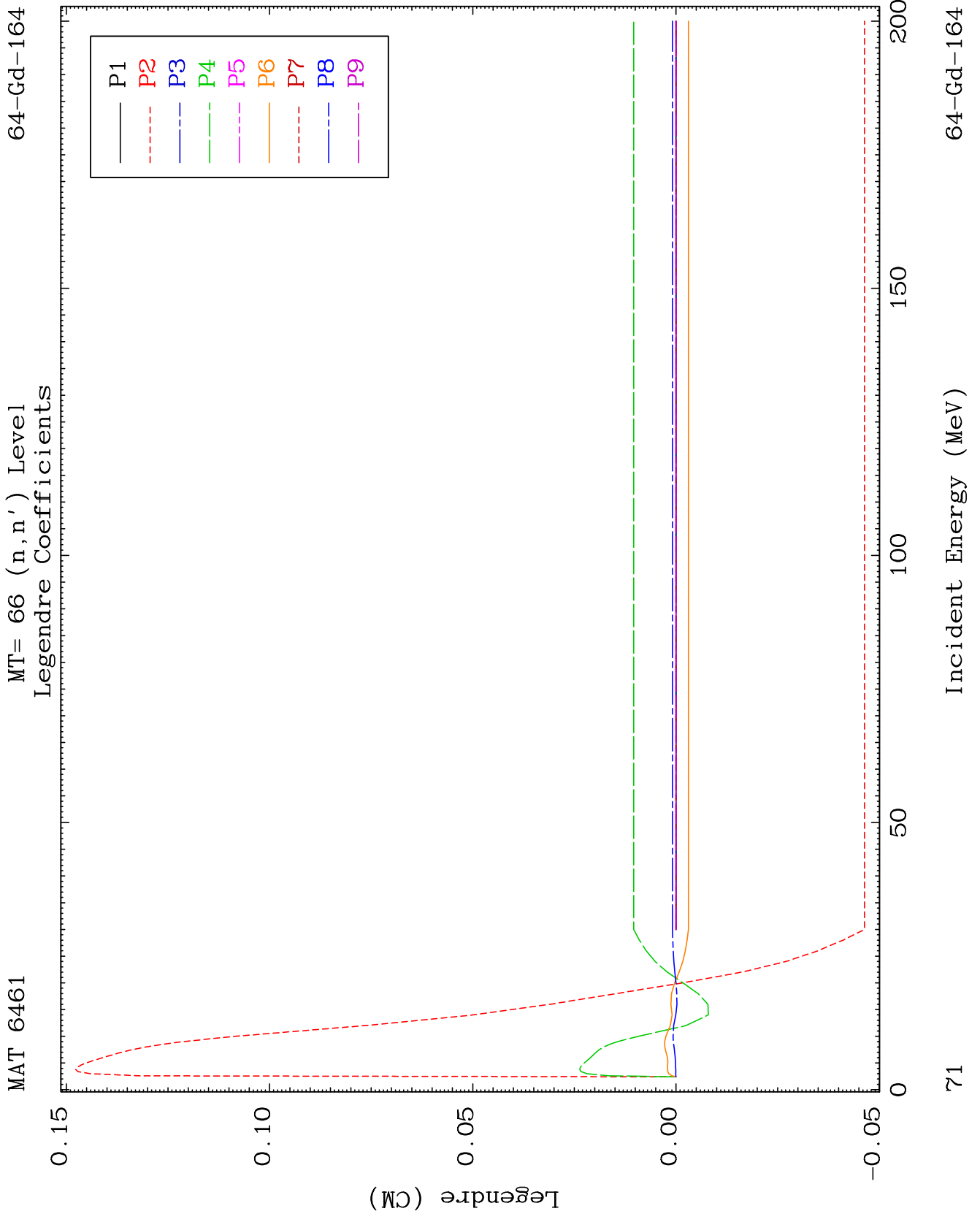
64-Gd-164



64-Gd-164

Incident Energy (MeV)

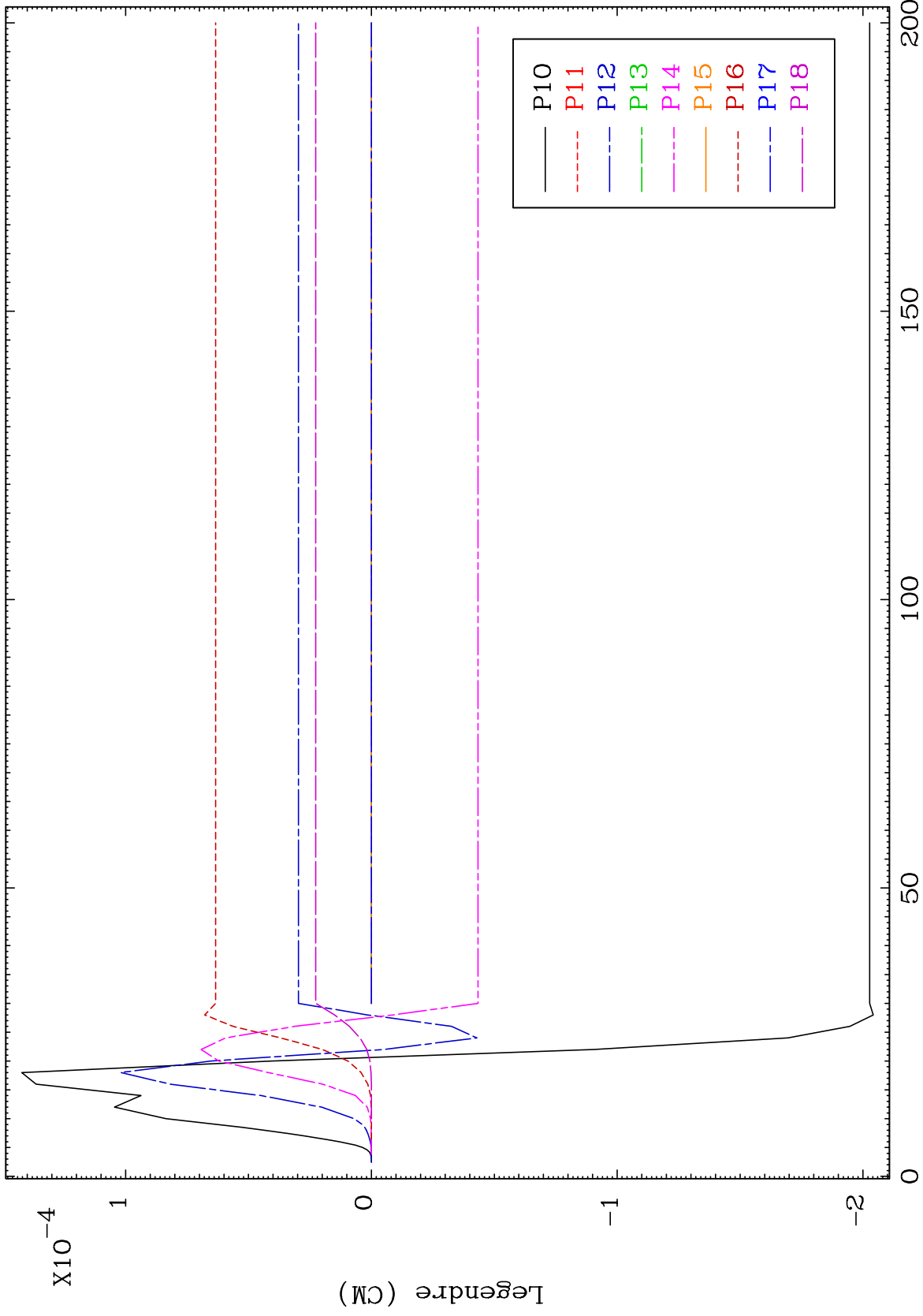
69



MAT 6461

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

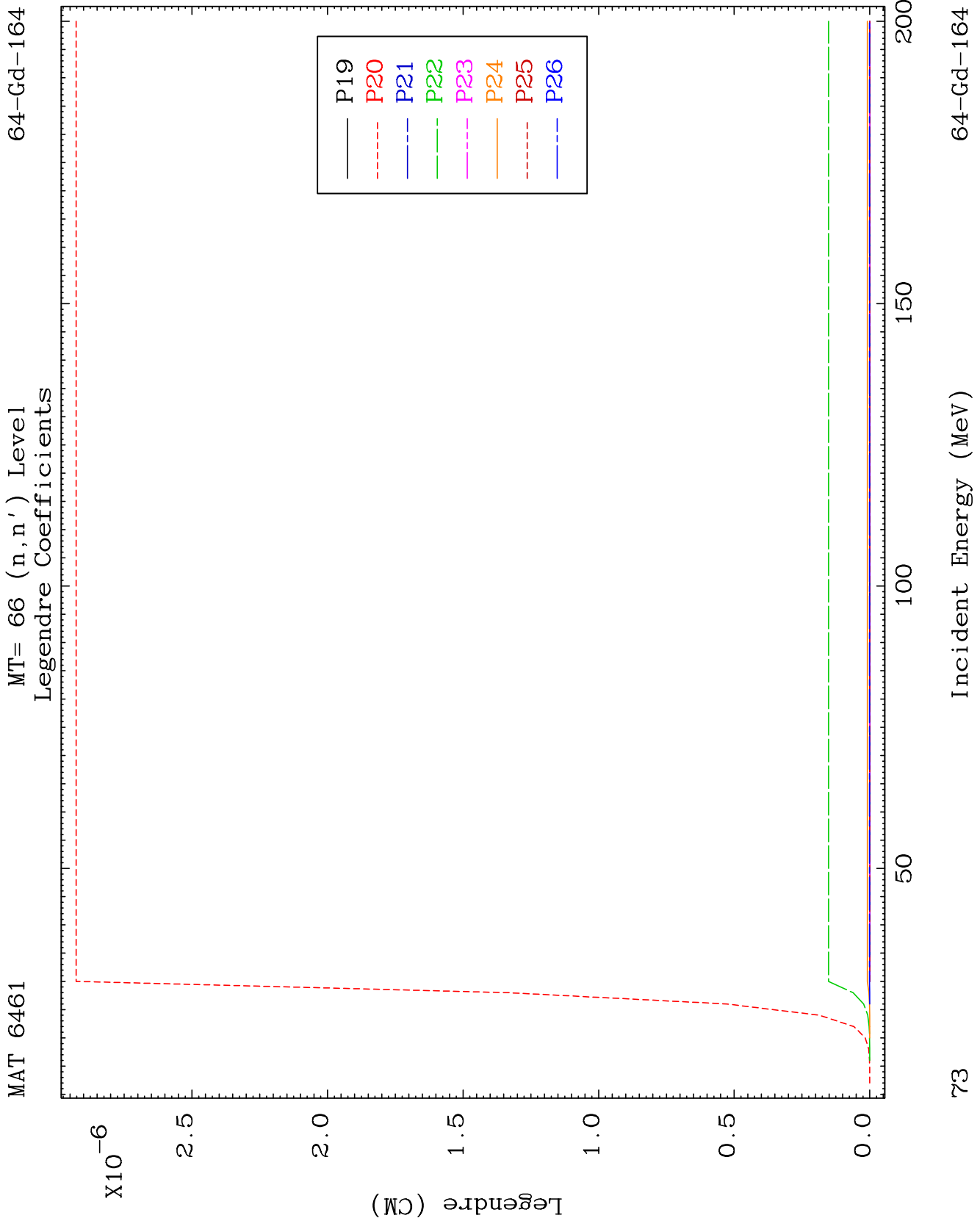
64-Gd-164



72

Incident Energy (MeV)

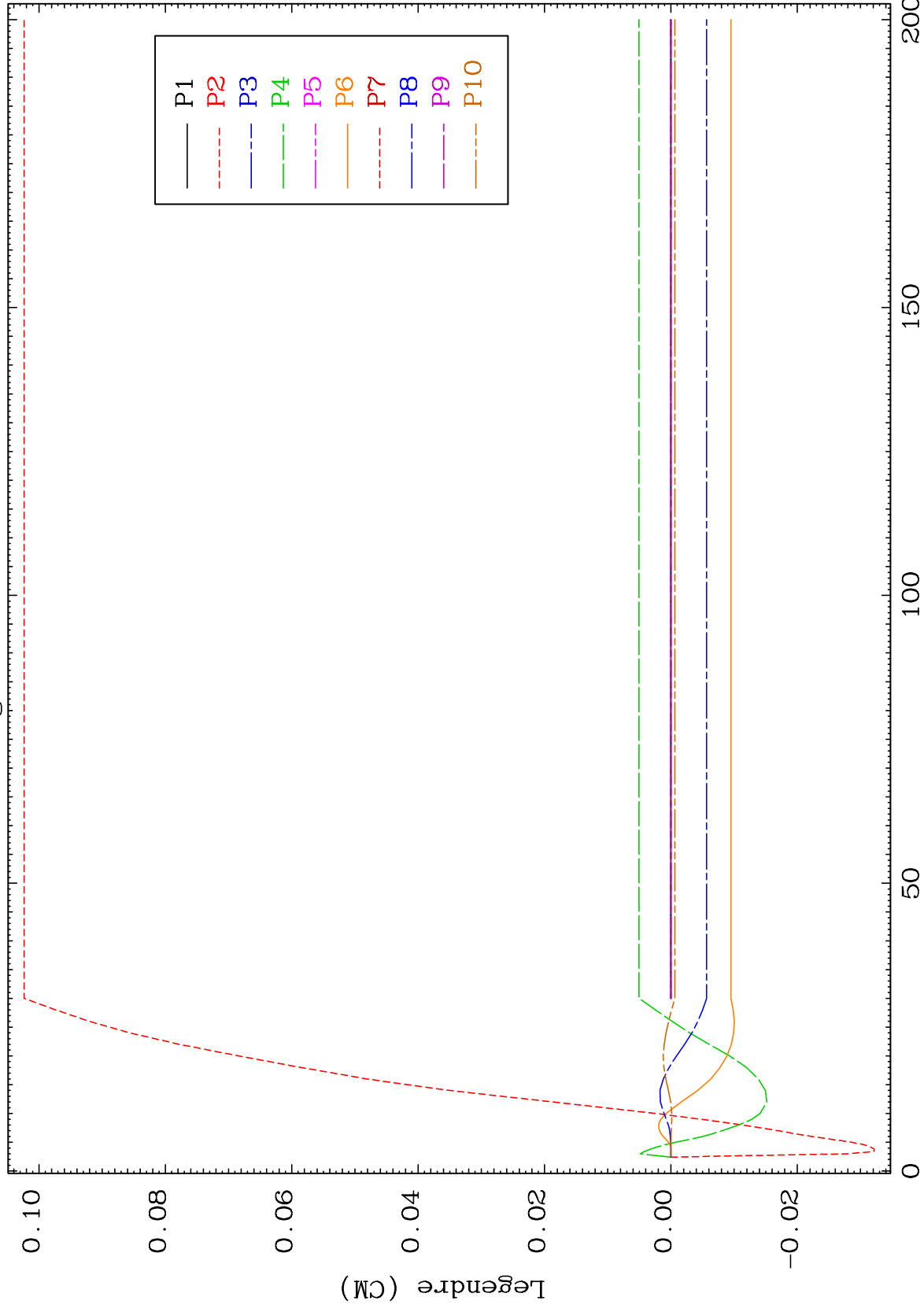
64-Gd-164



MAT 6461

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

64-Gd-164



74

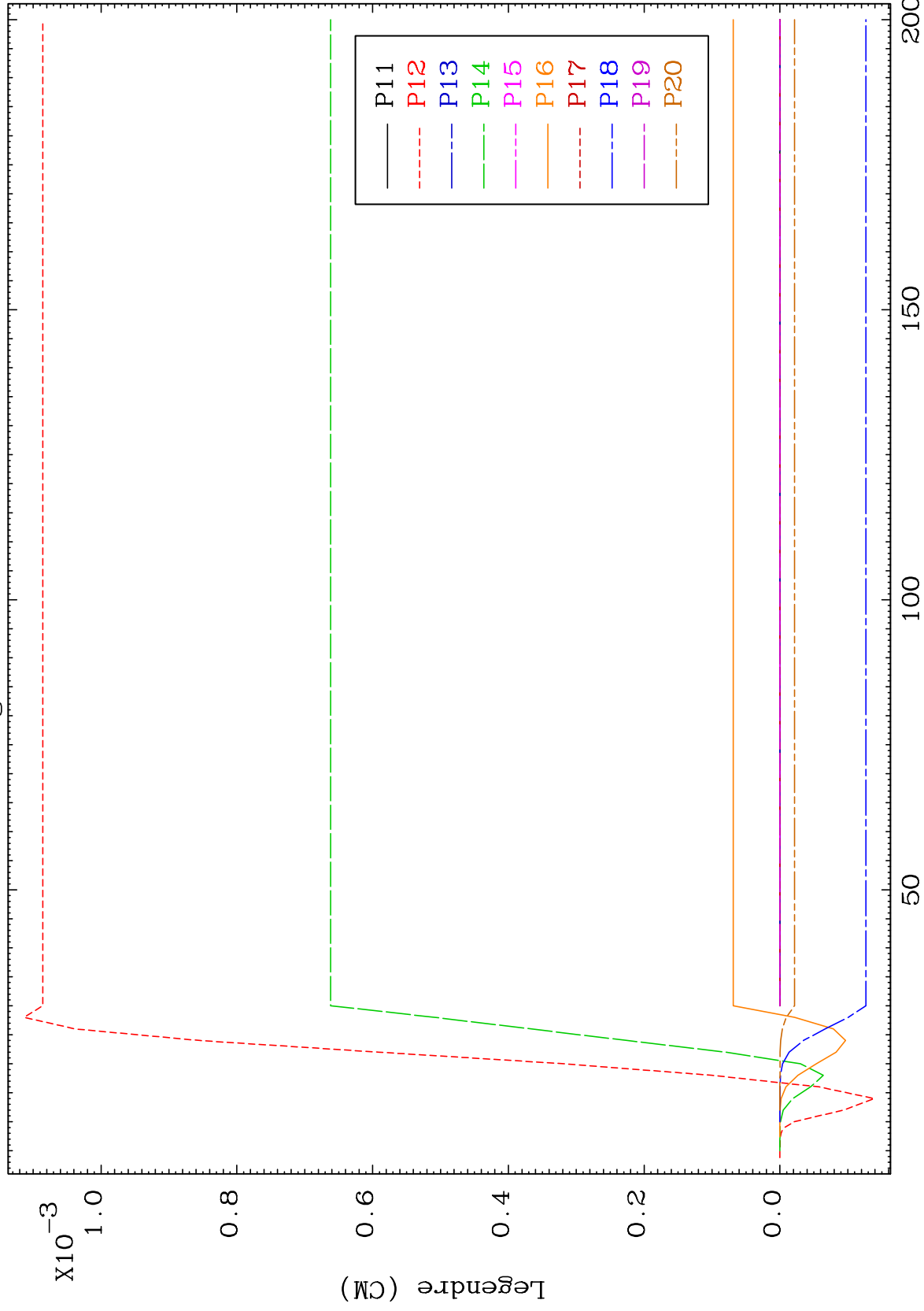
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



75

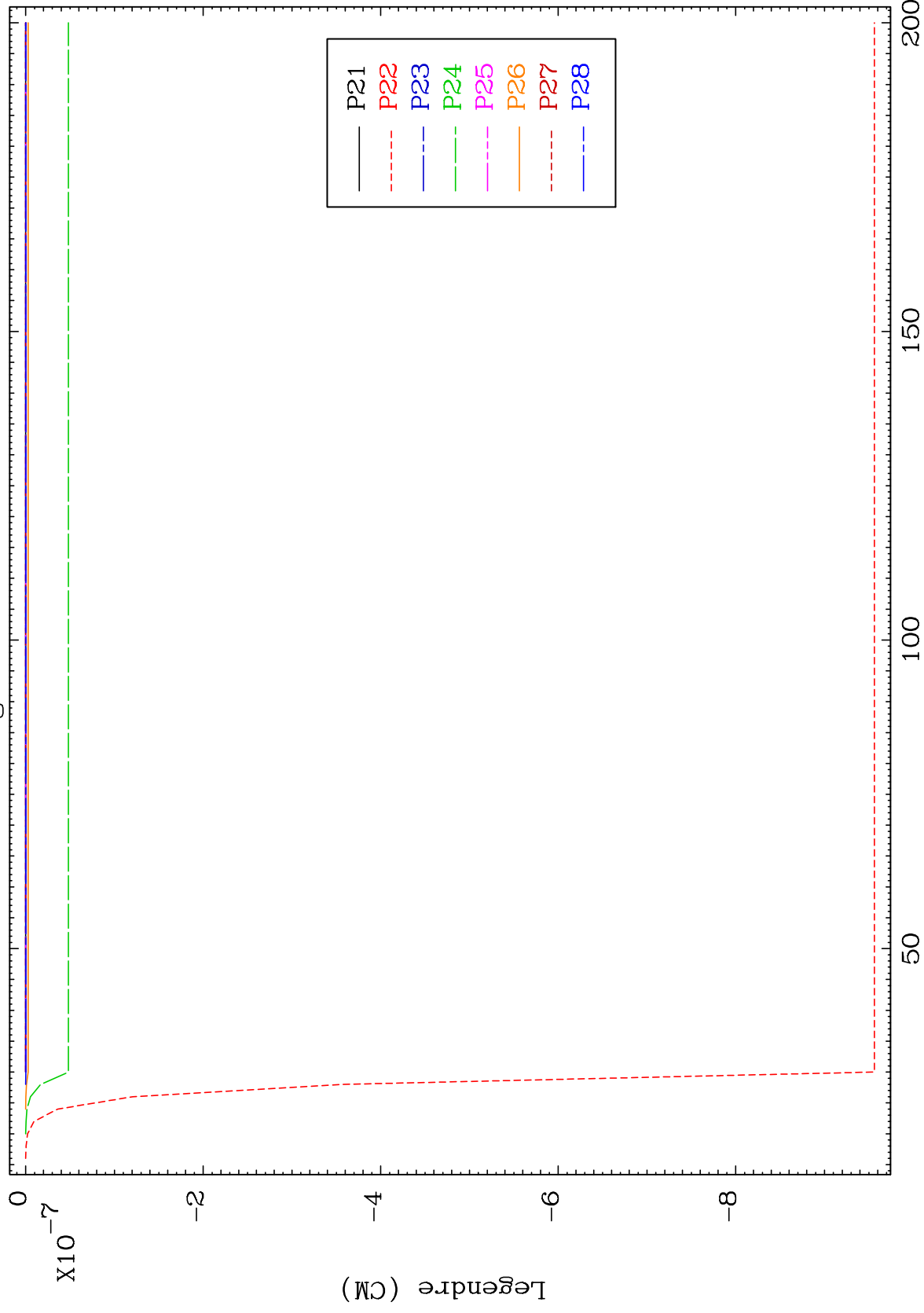
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



76

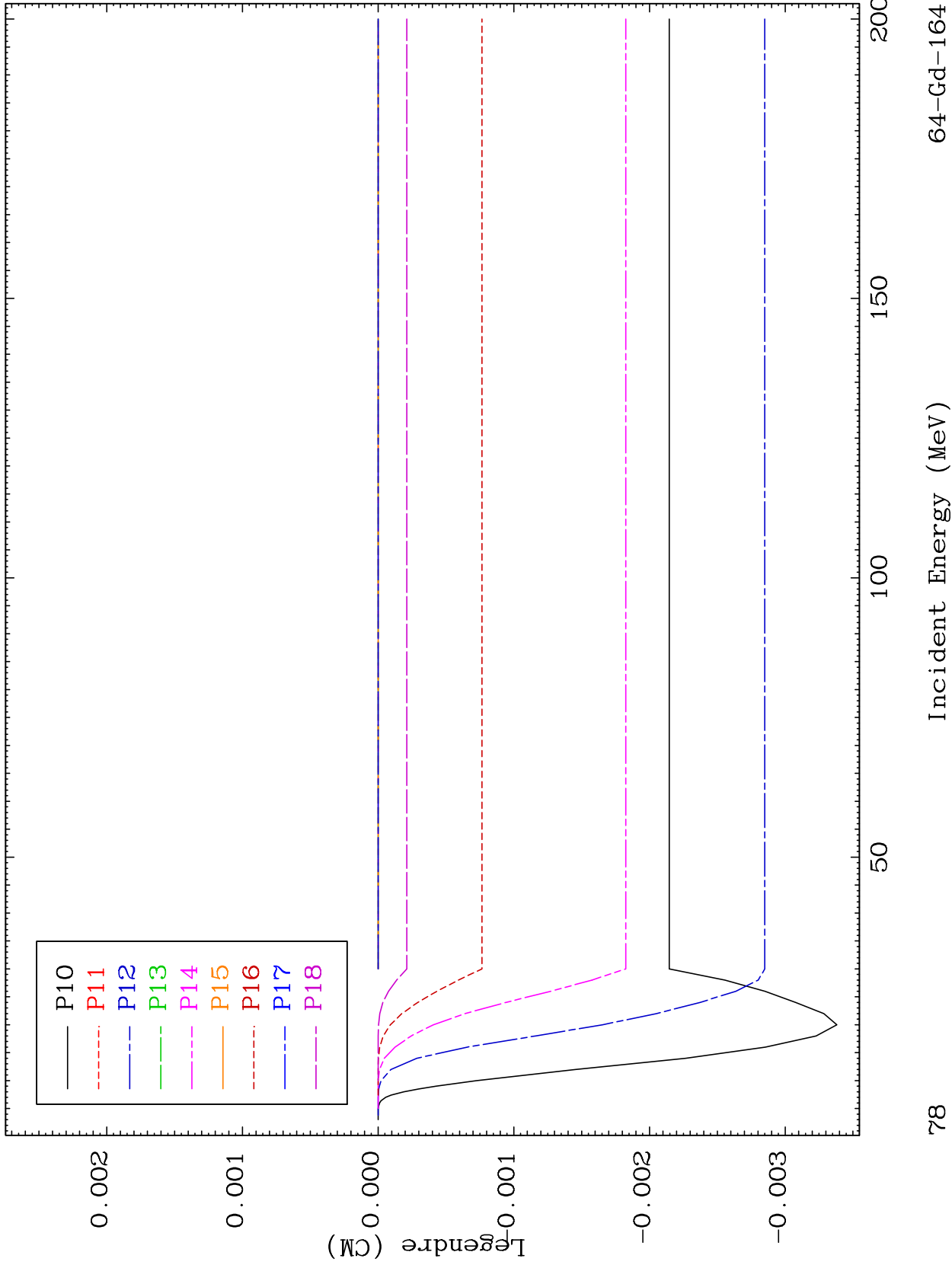
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

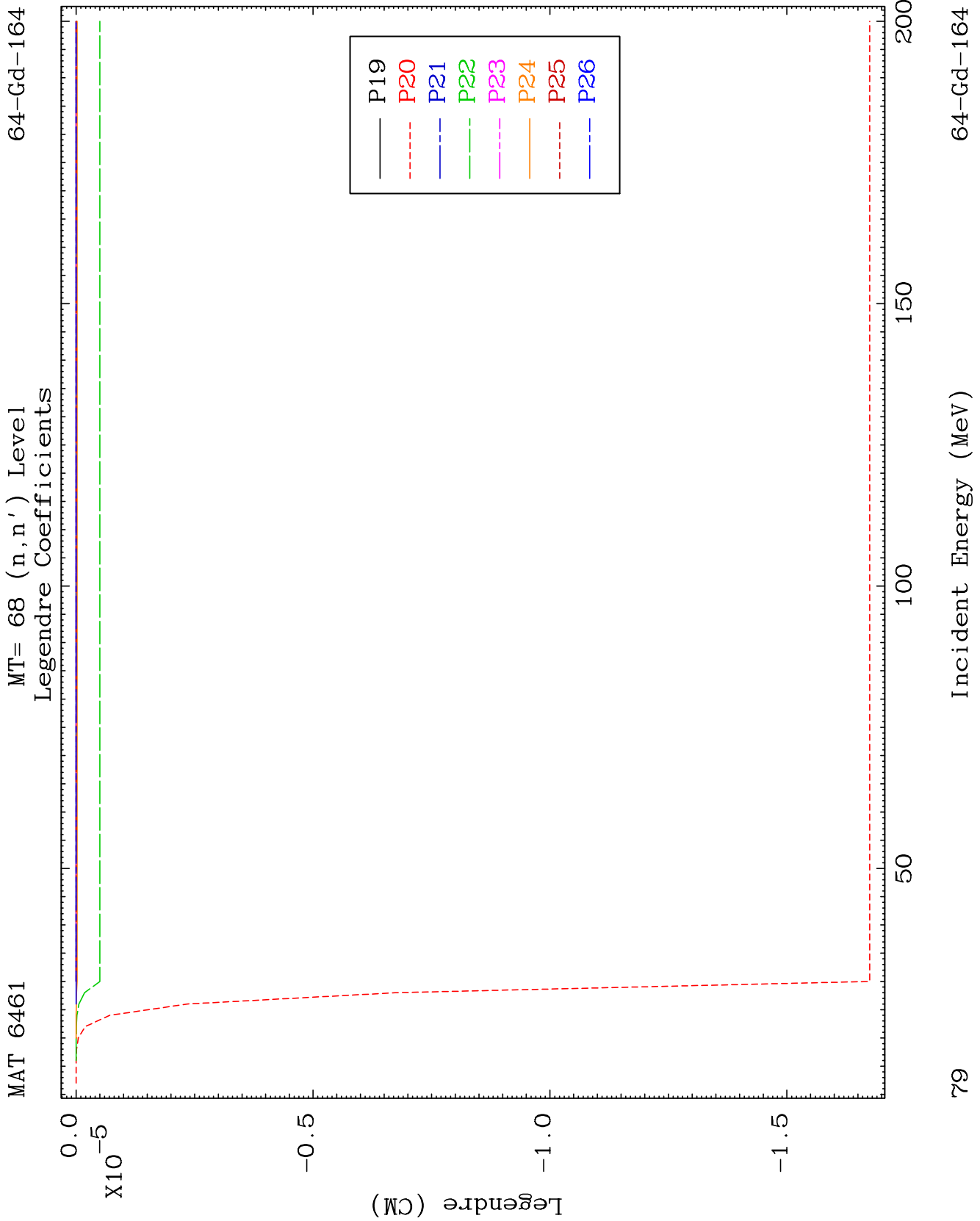
64-Gd-164



78

Incident Energy (MeV)

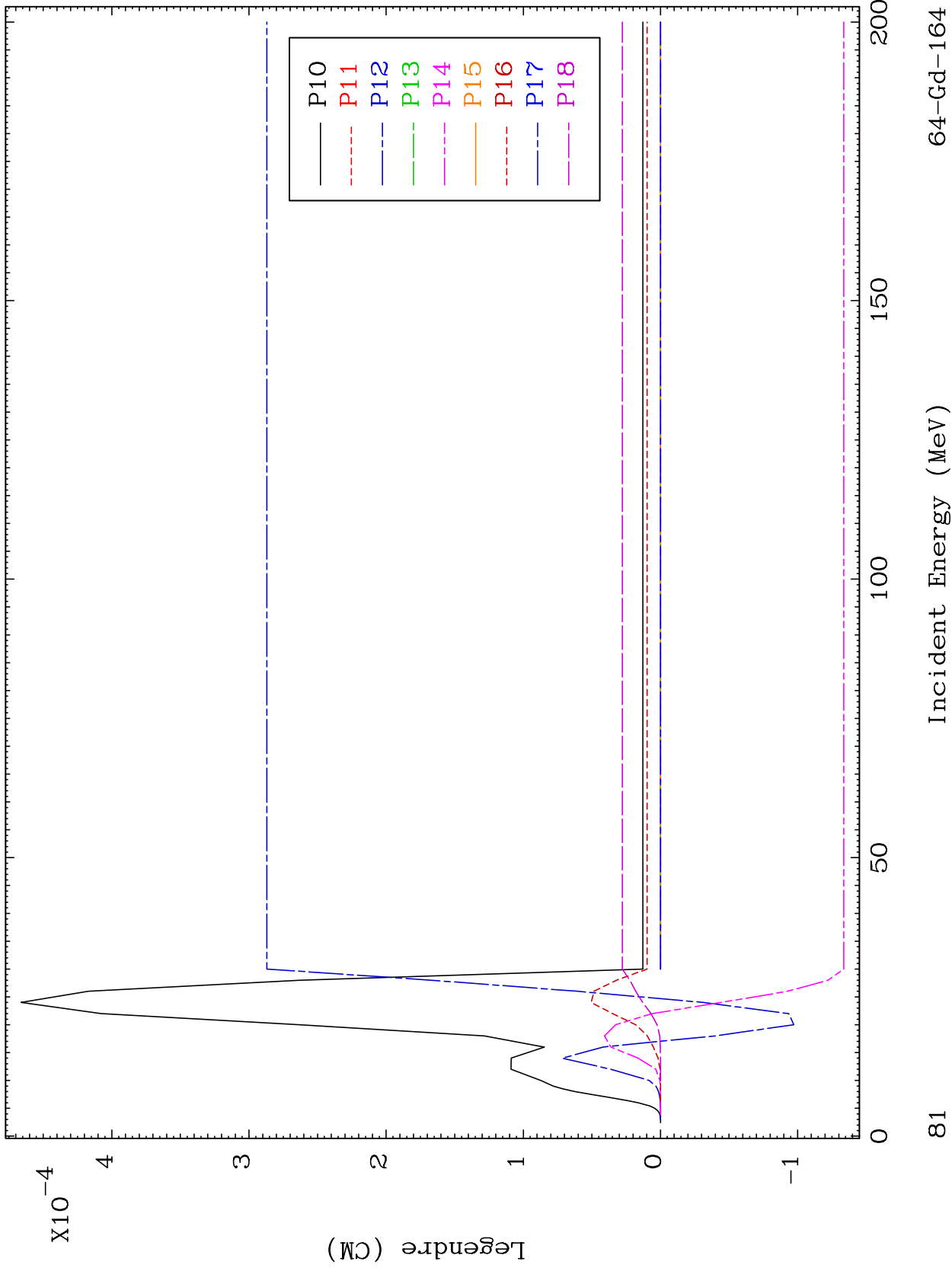
64-Gd-164



MAT 6461

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

64-Gd-164



81

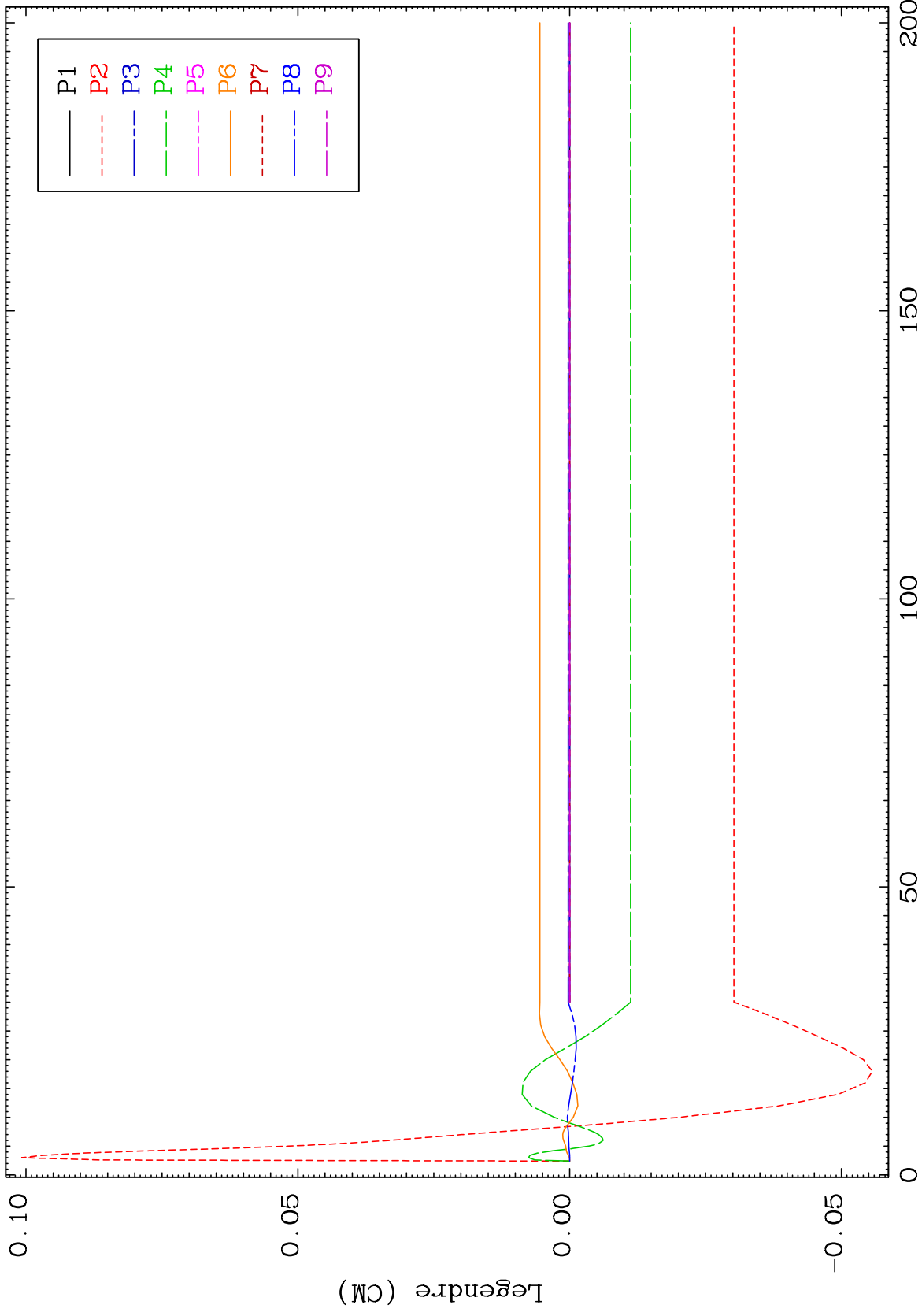
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



83

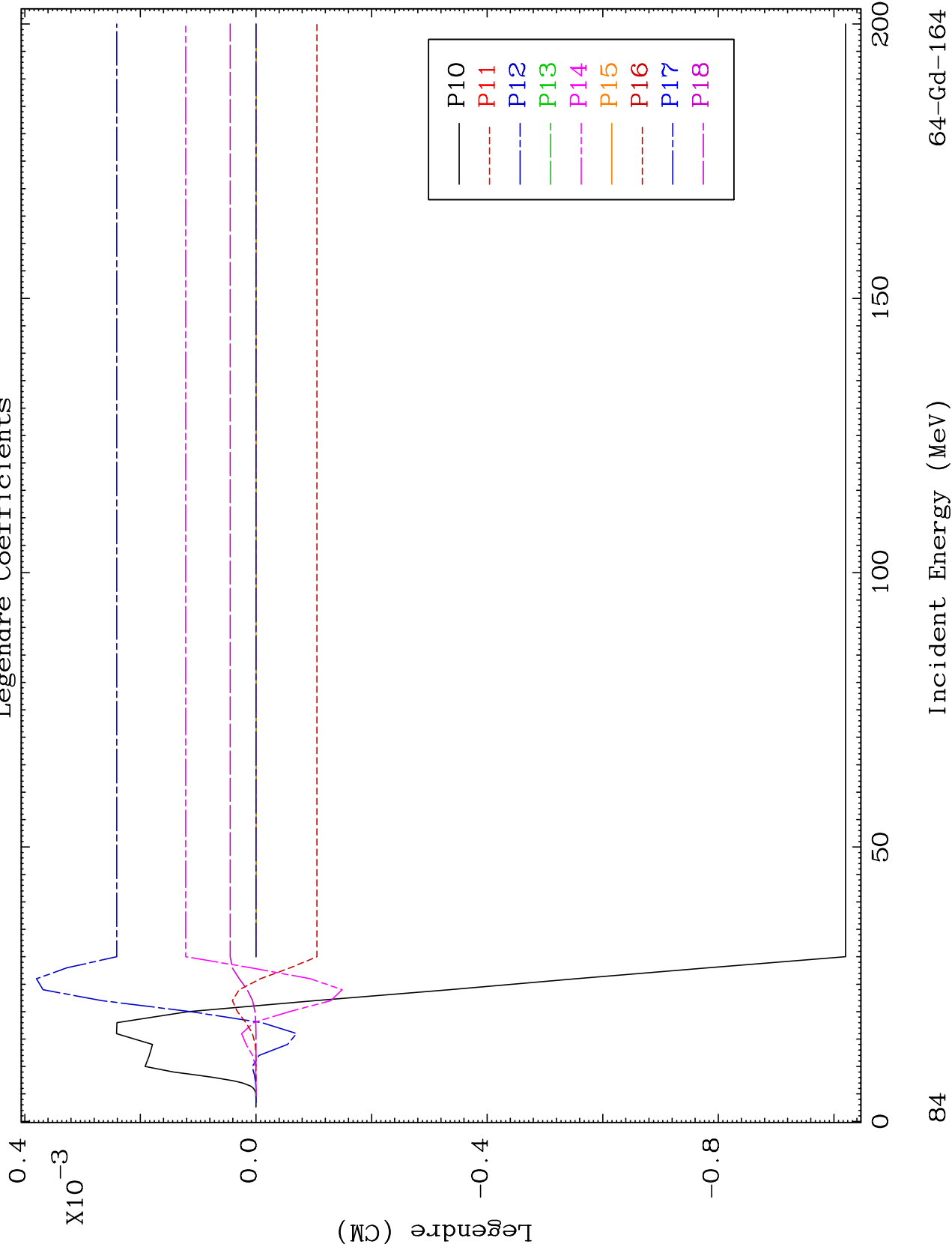
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



84

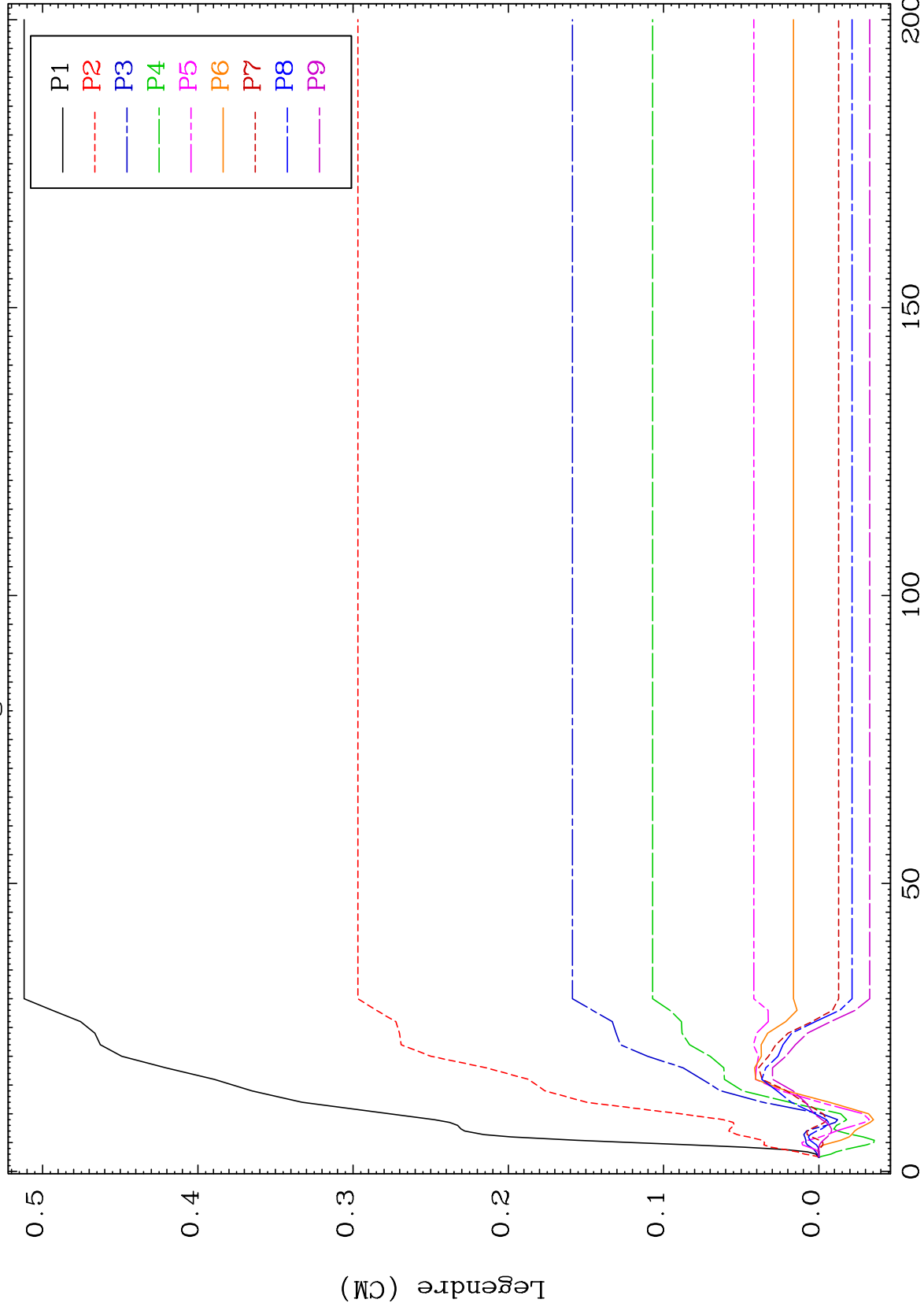
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



86

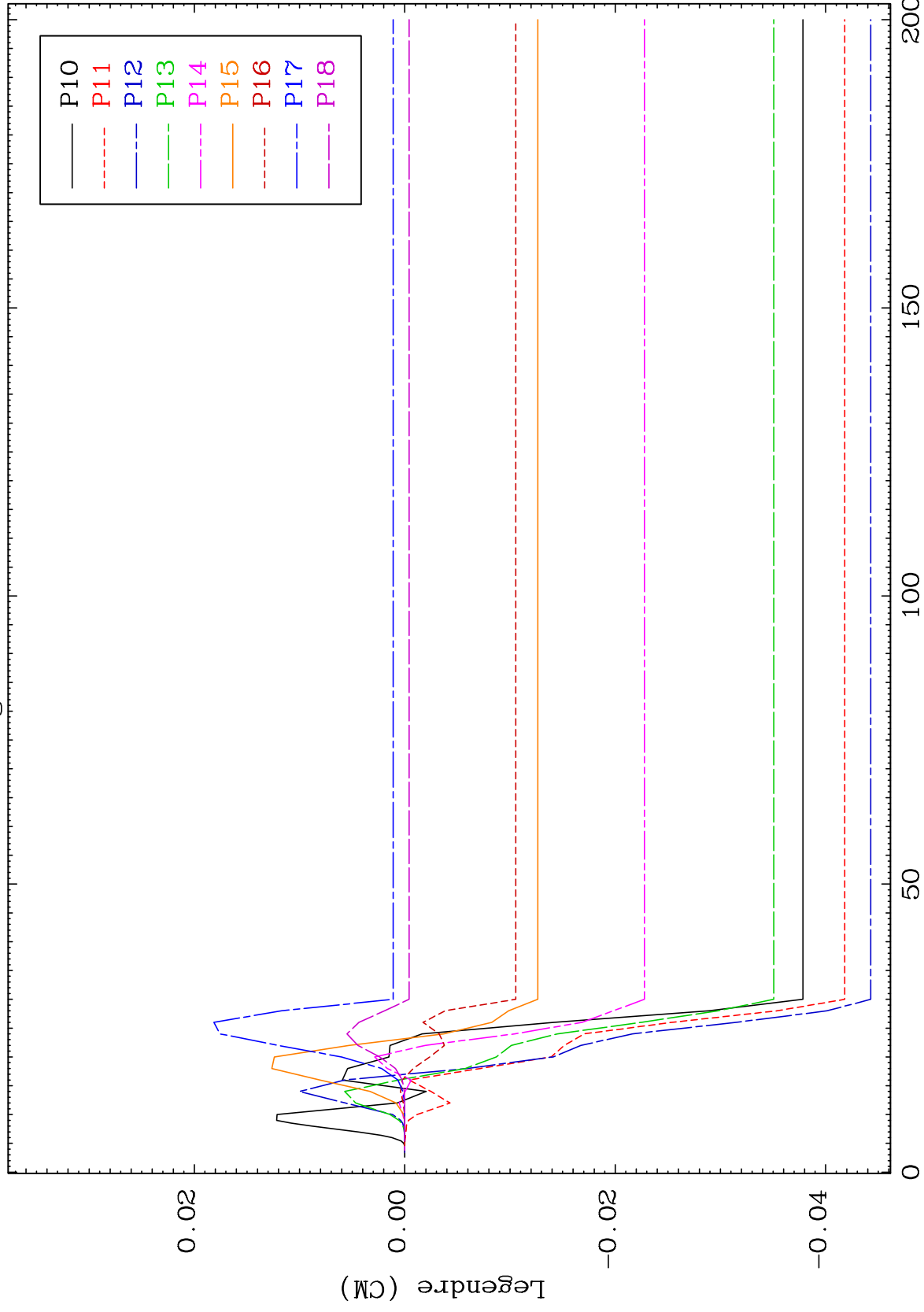
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



87

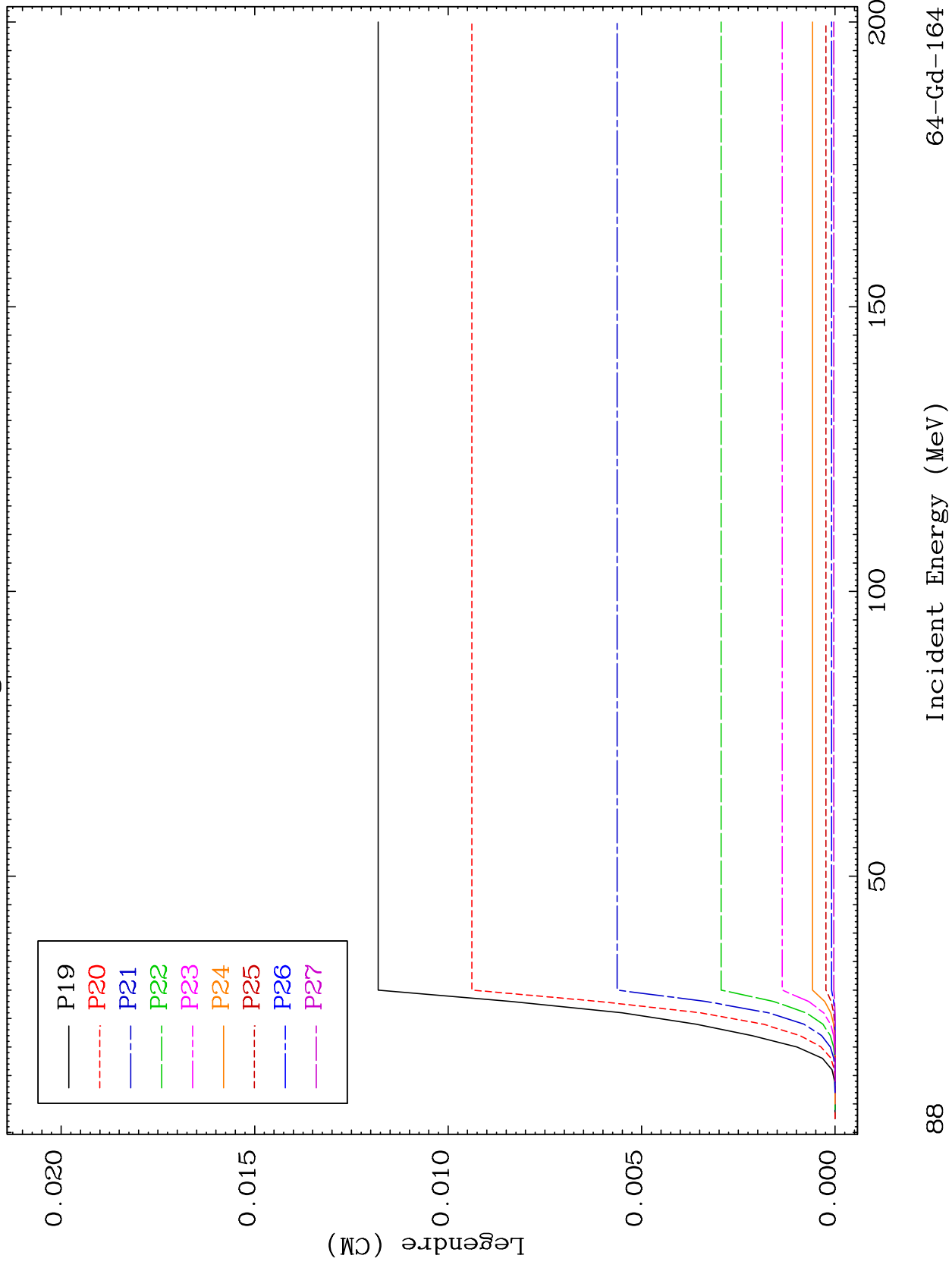
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

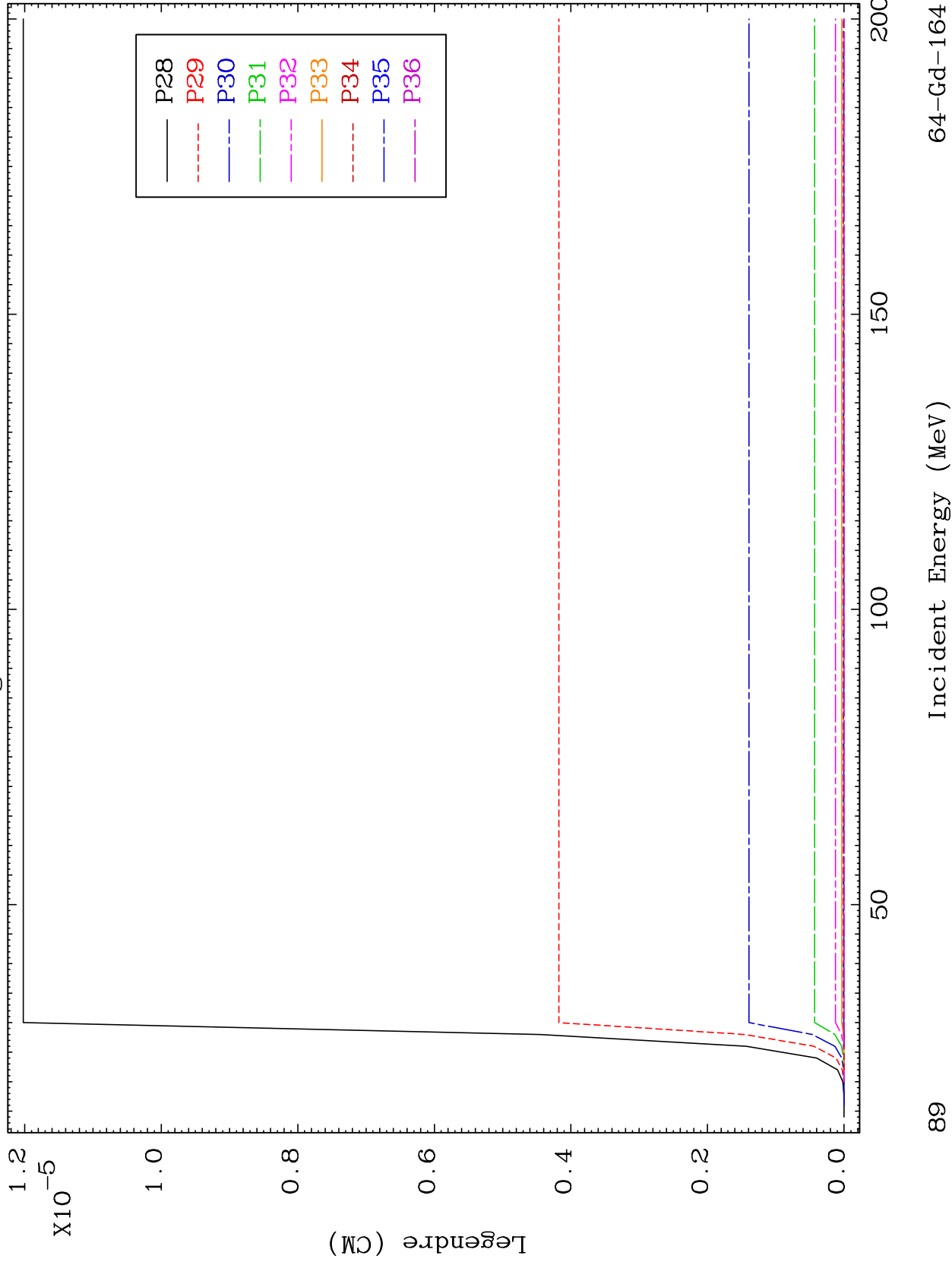
64-Gd-164



MAT 6461

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

64-Gd-164



89

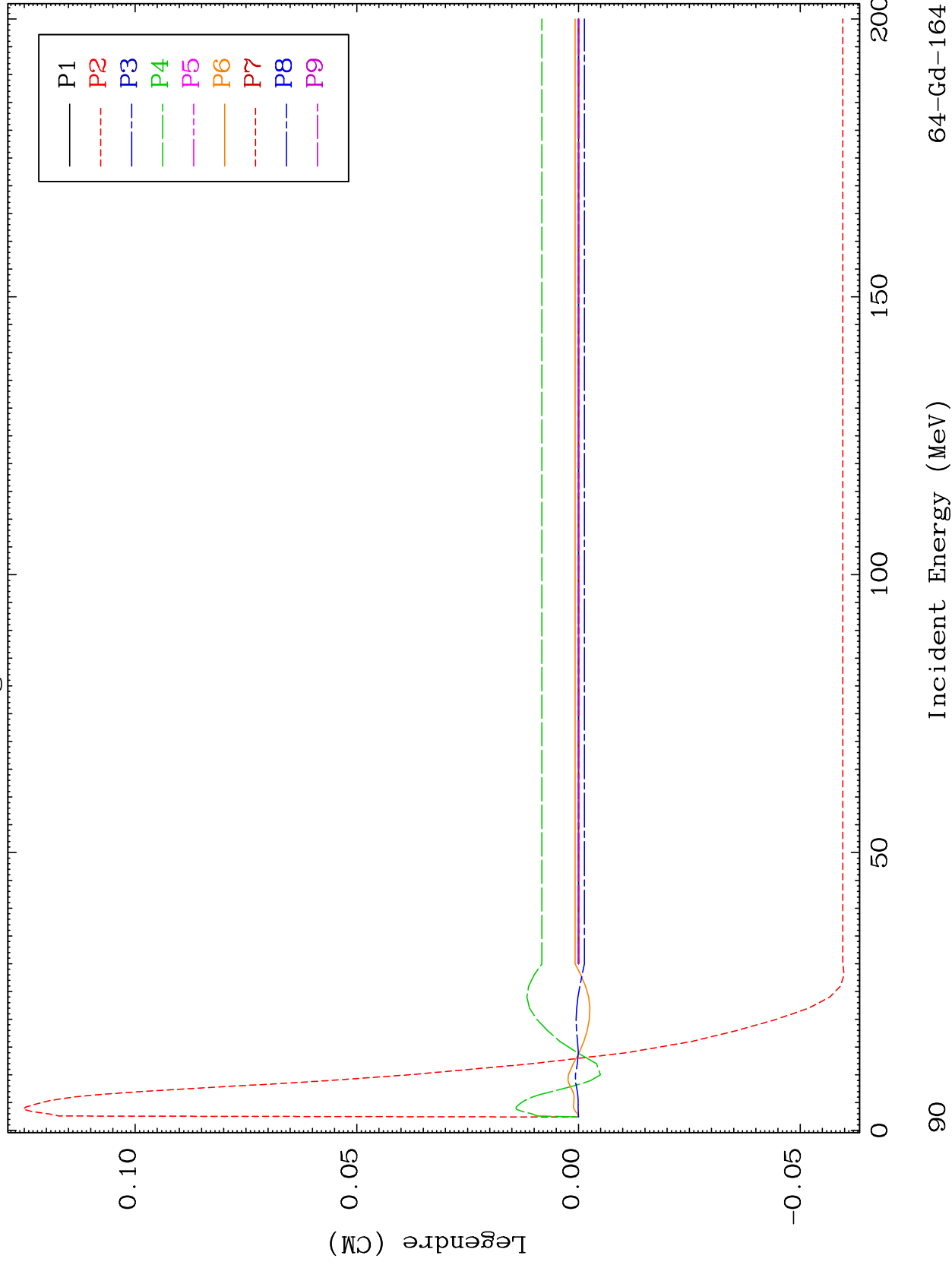
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

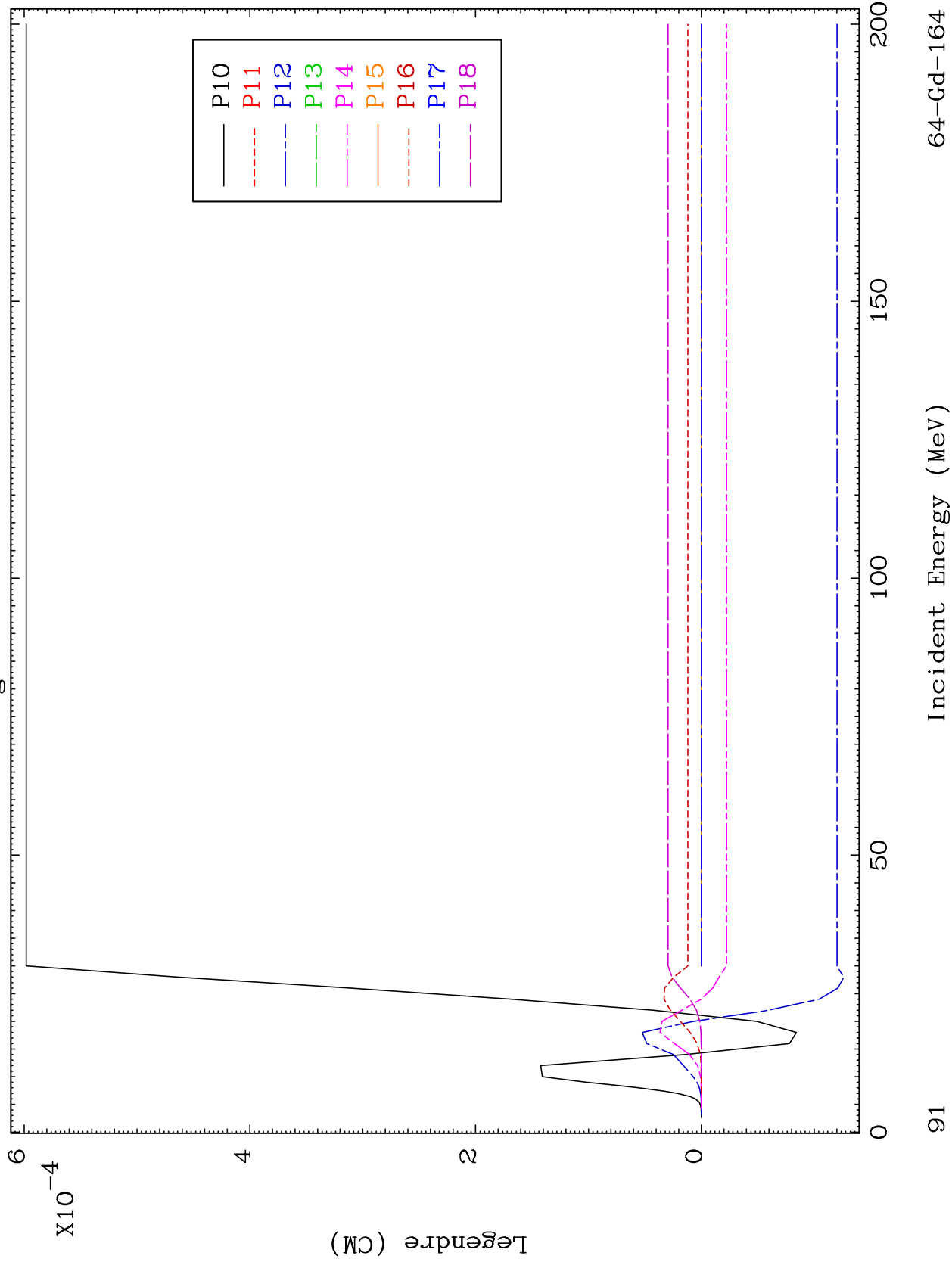
64-Gd-164

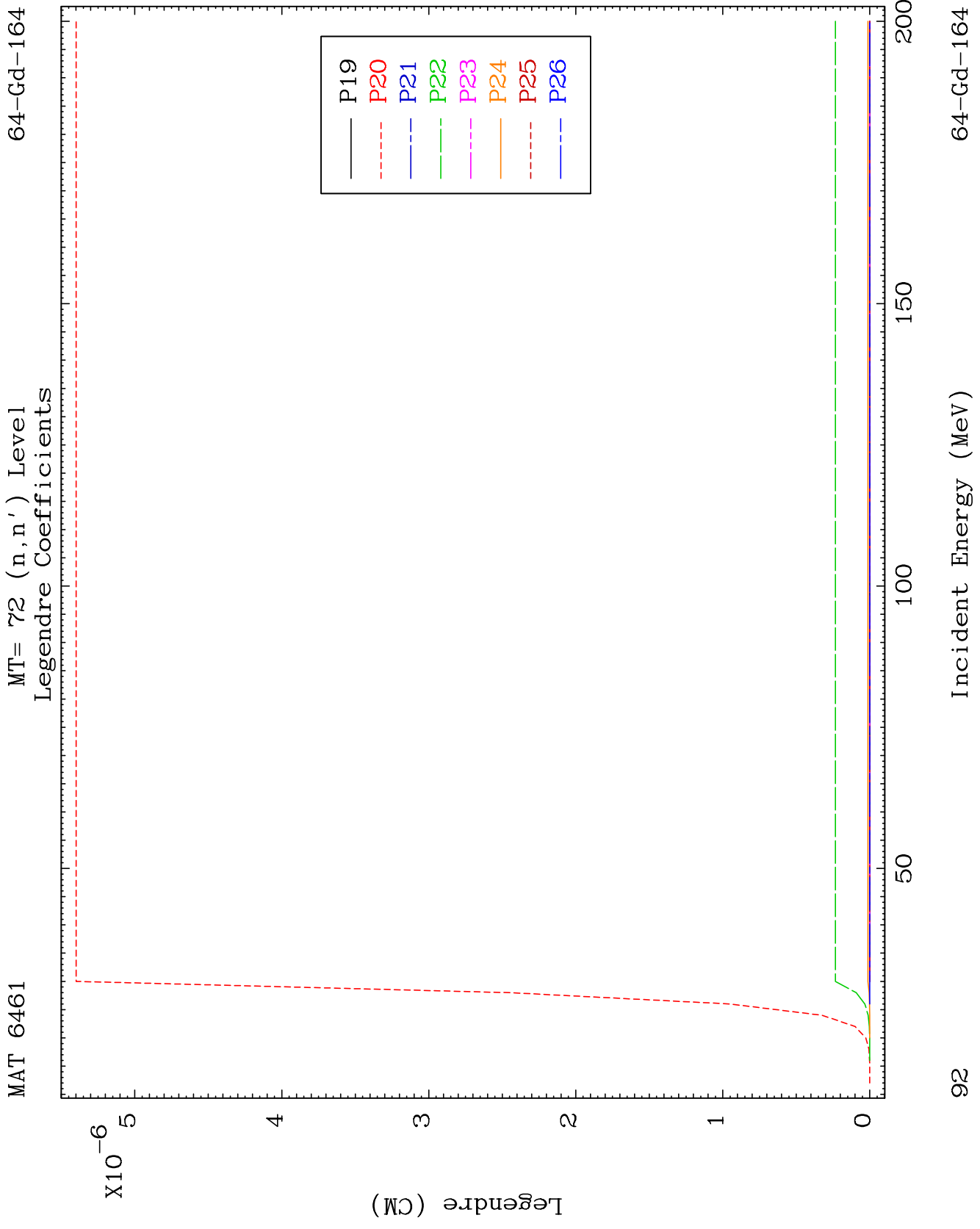


MAT 6461

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

64-Gd-164

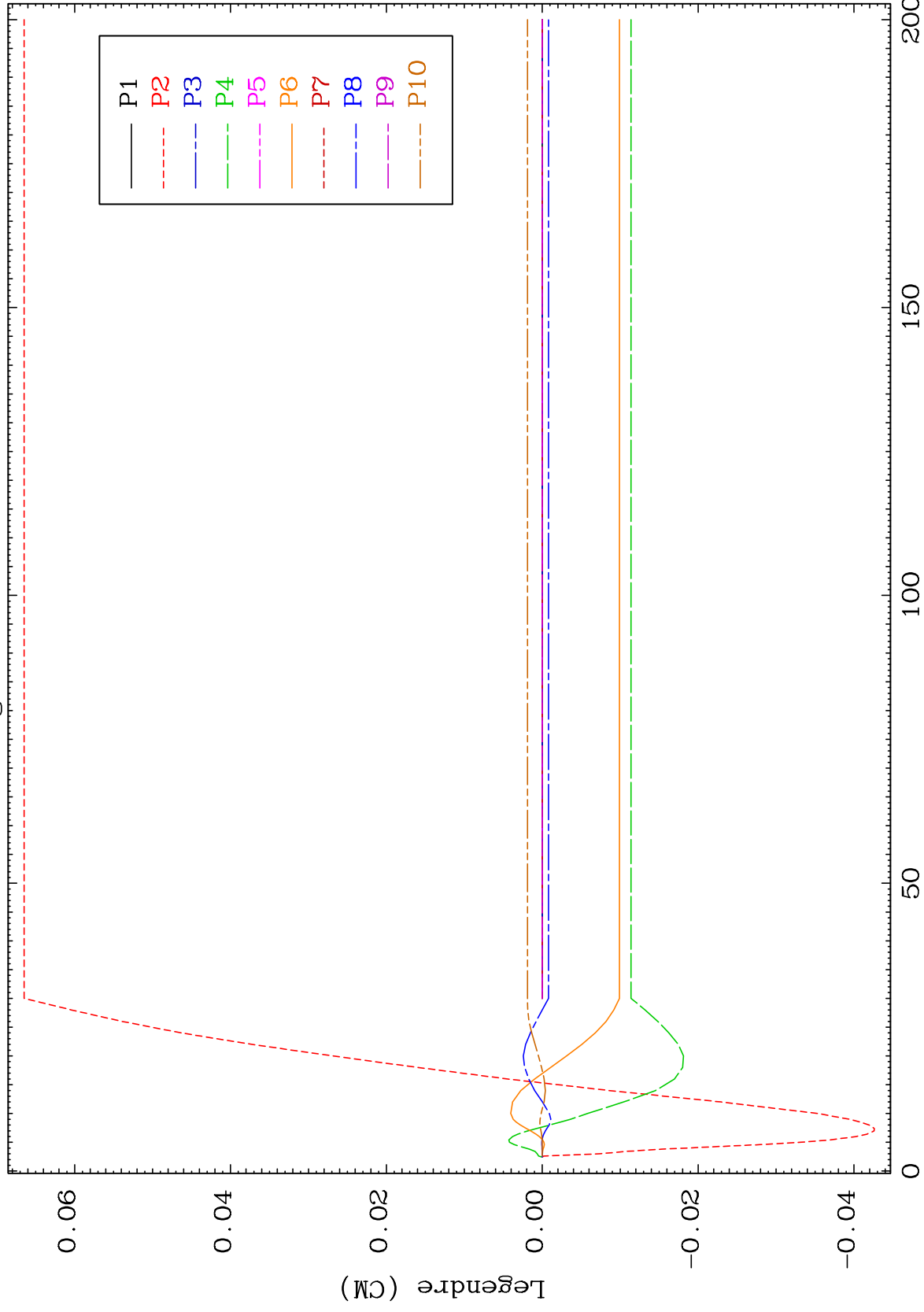




MAT 6461

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

64-Gd-164



93

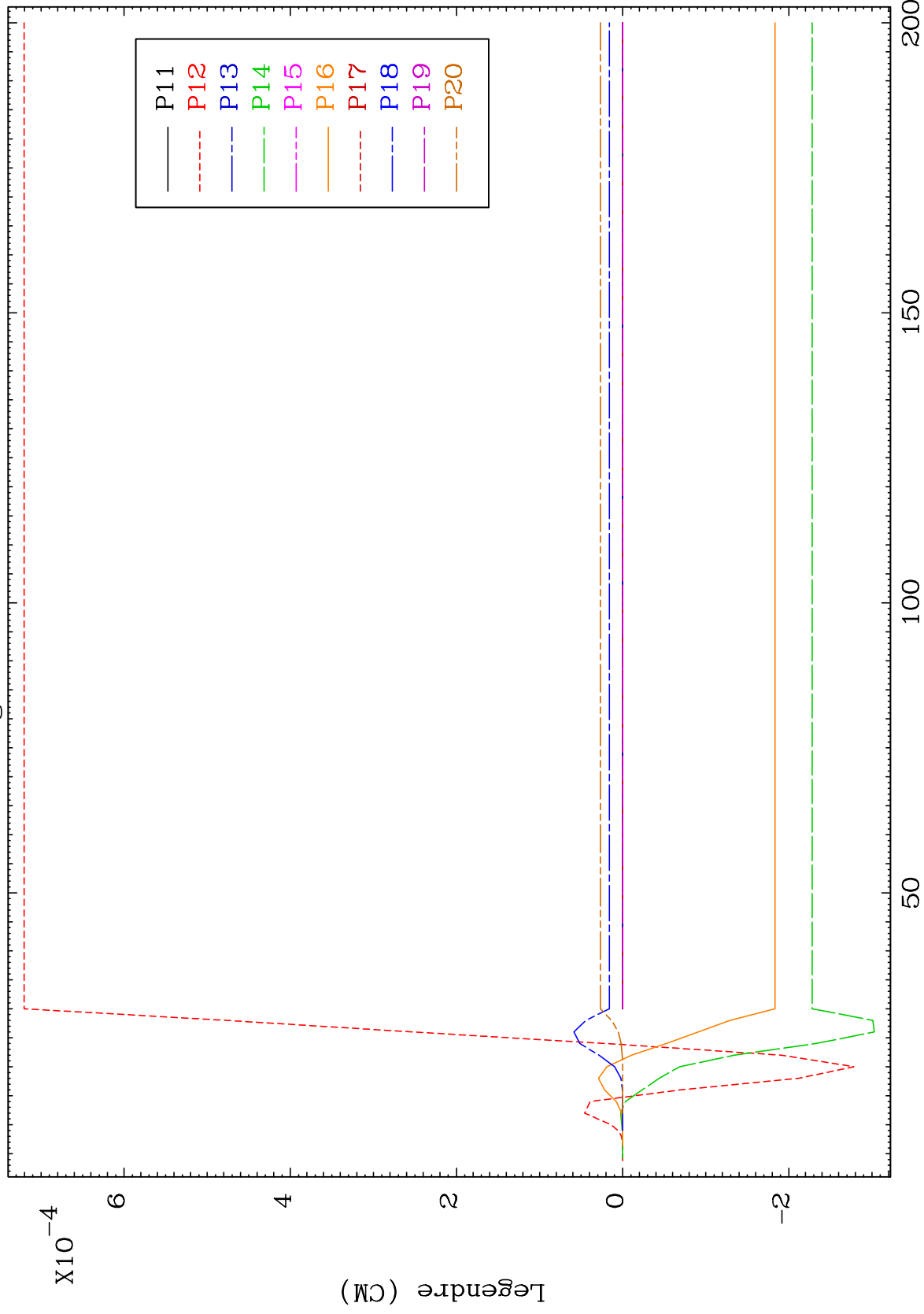
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

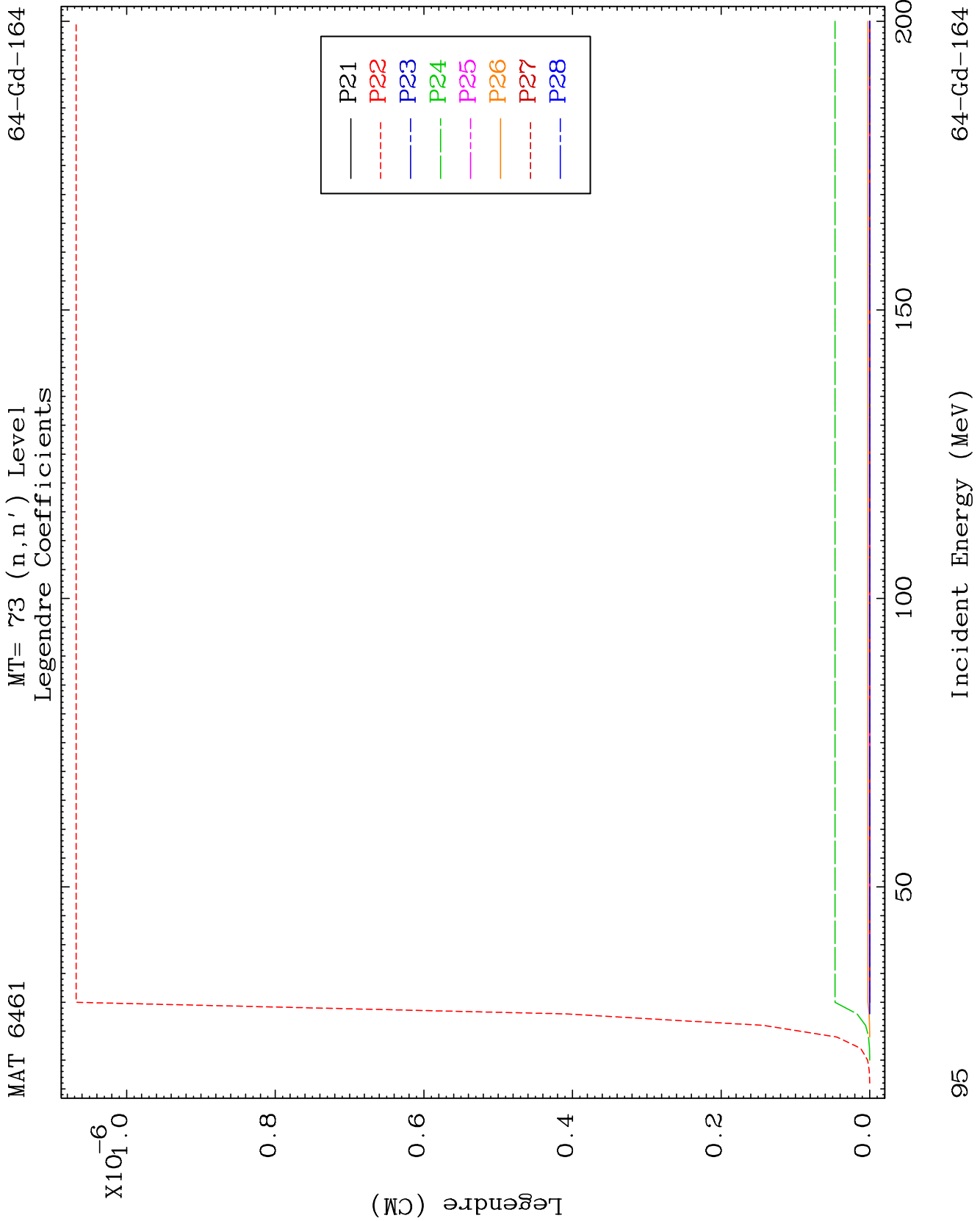
64-Gd-164



94

Incident Energy (MeV)

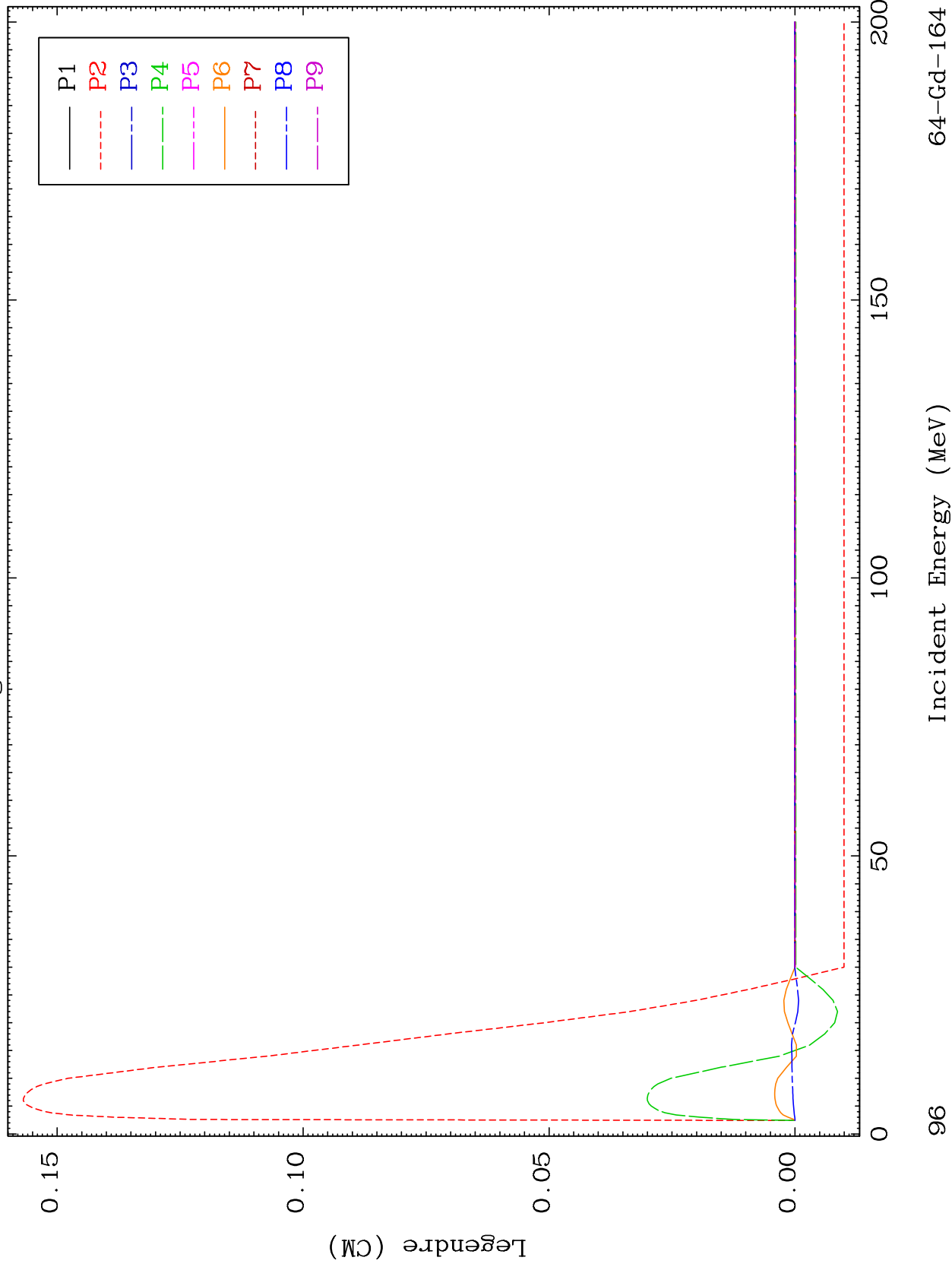
64-Gd-164



MAT 6461

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

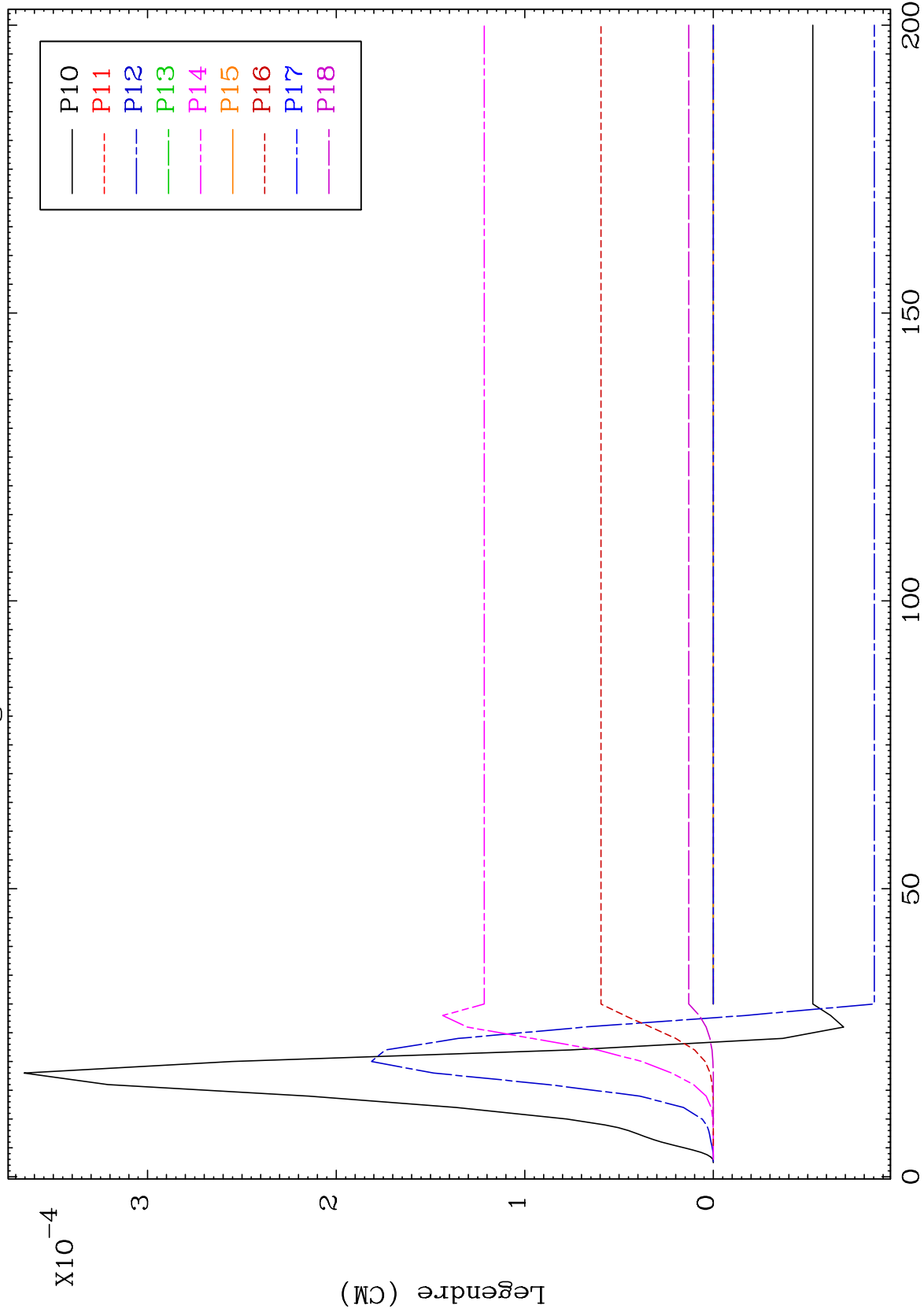
64-Gd-164



MAT 6461

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

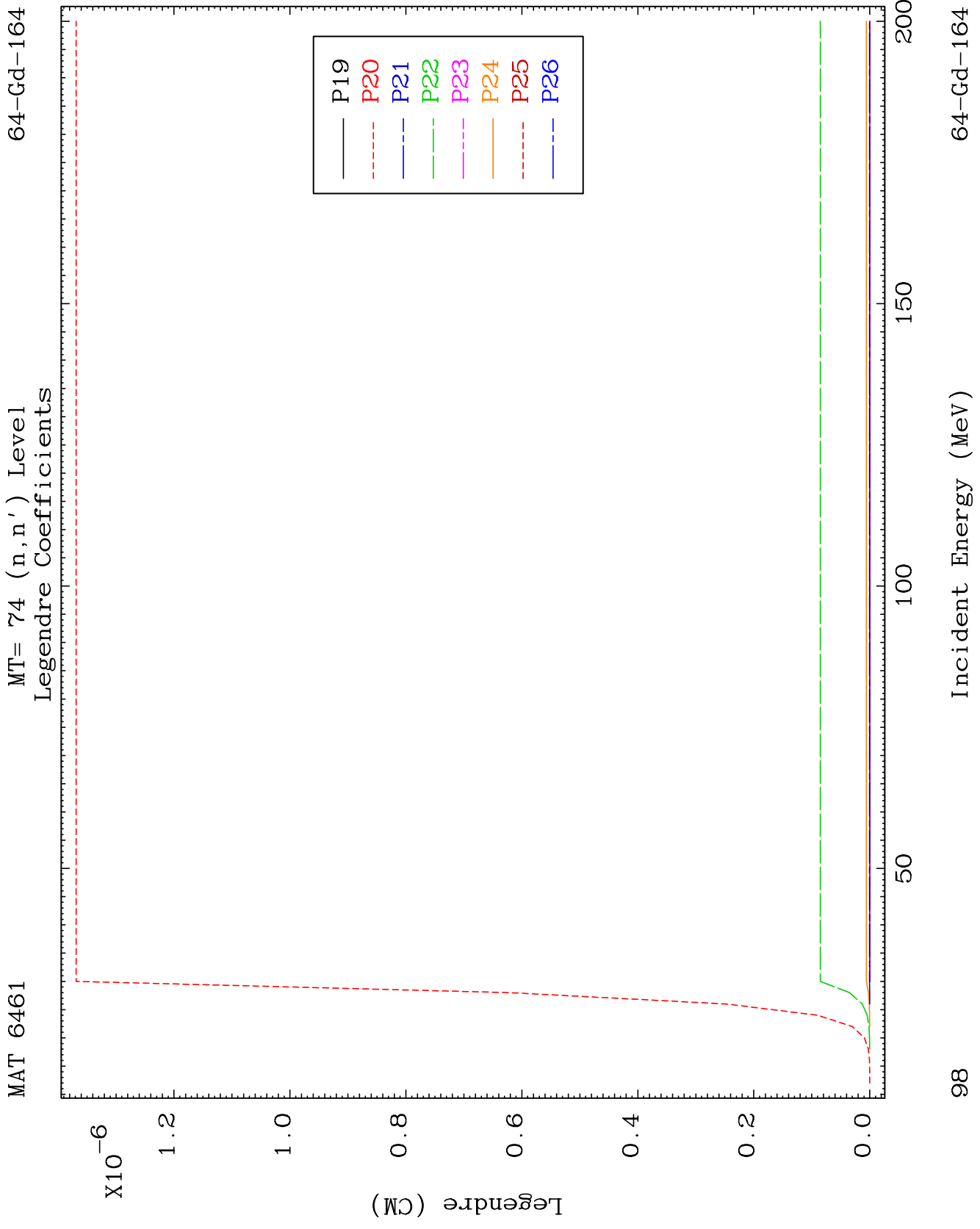
64-Gd-164



97

Incident Energy (MeV)

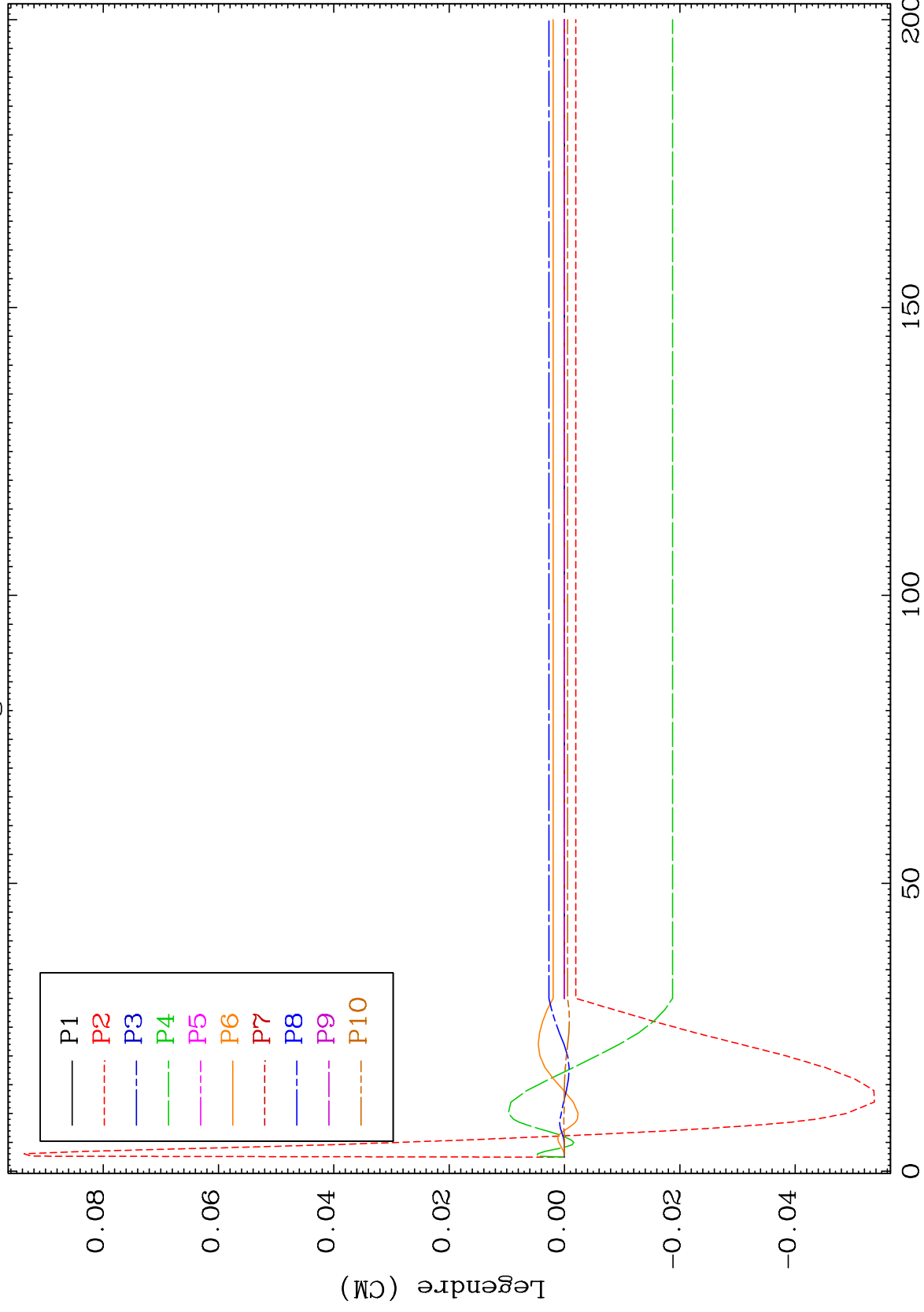
64-Gd-164



MAT 6461

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

64-Gd-164



99

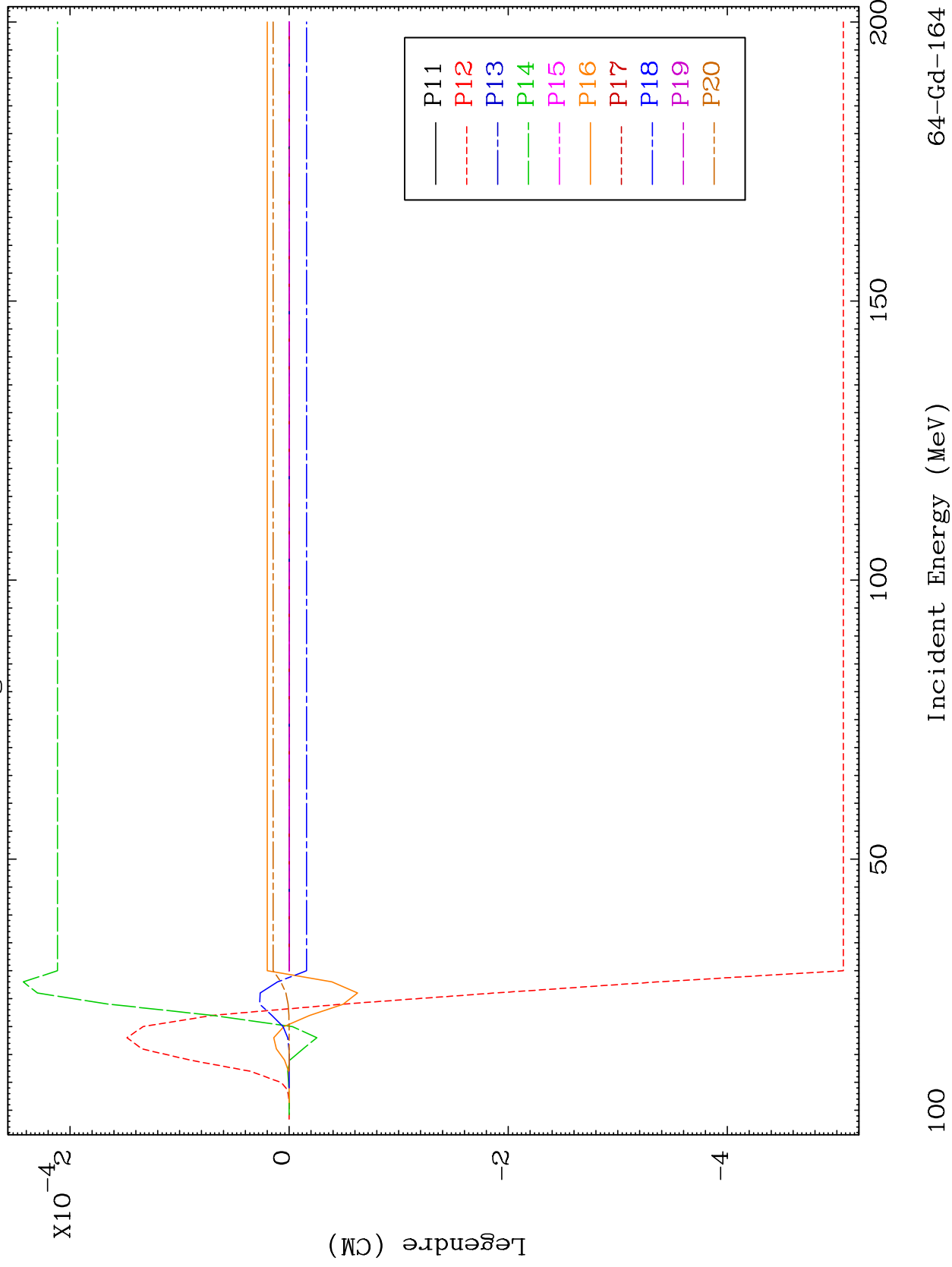
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

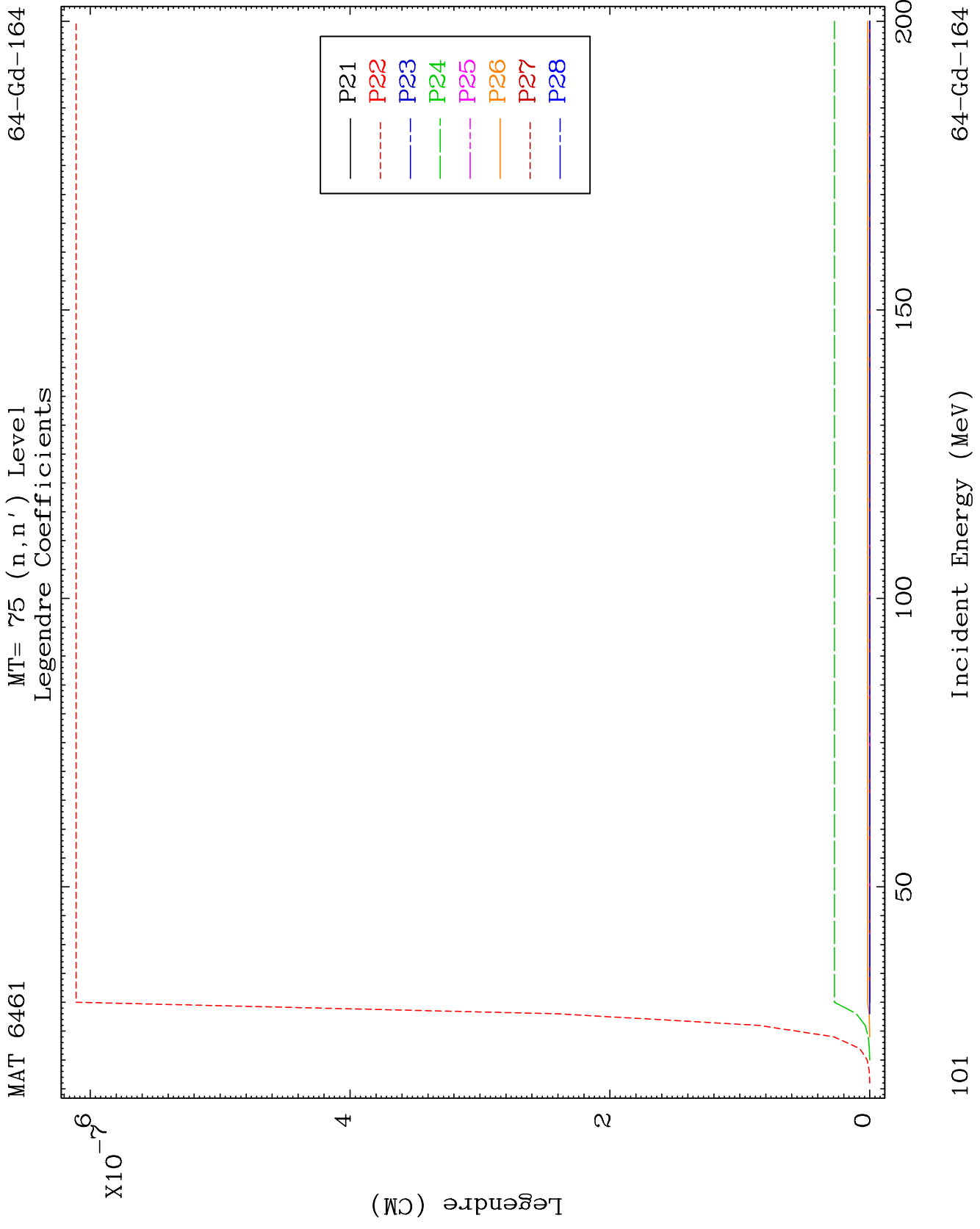
64-Gd-164



64-Gd-164

Incident Energy (MeV)

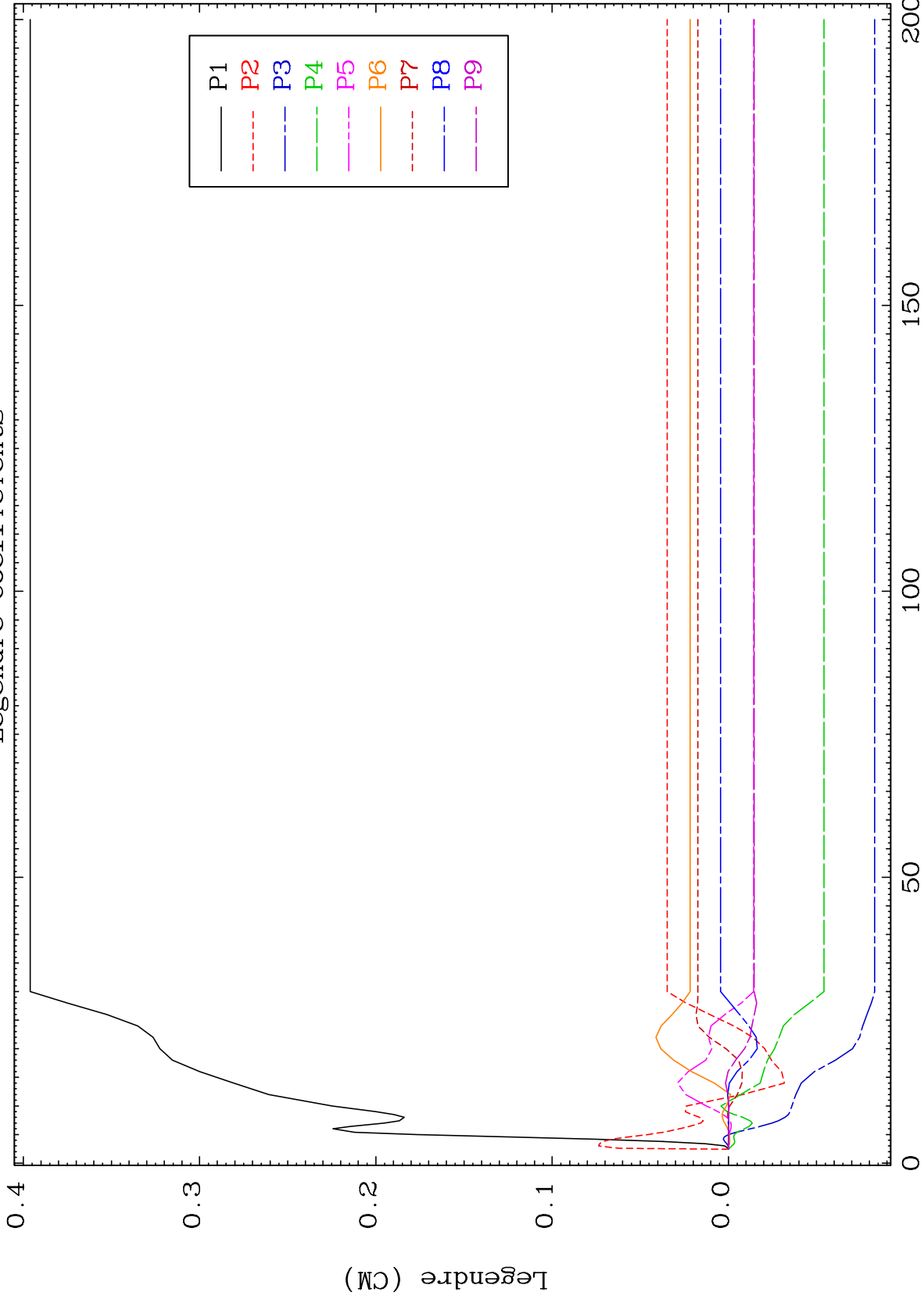
100



MAT 6461

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

64-Gd-164



102

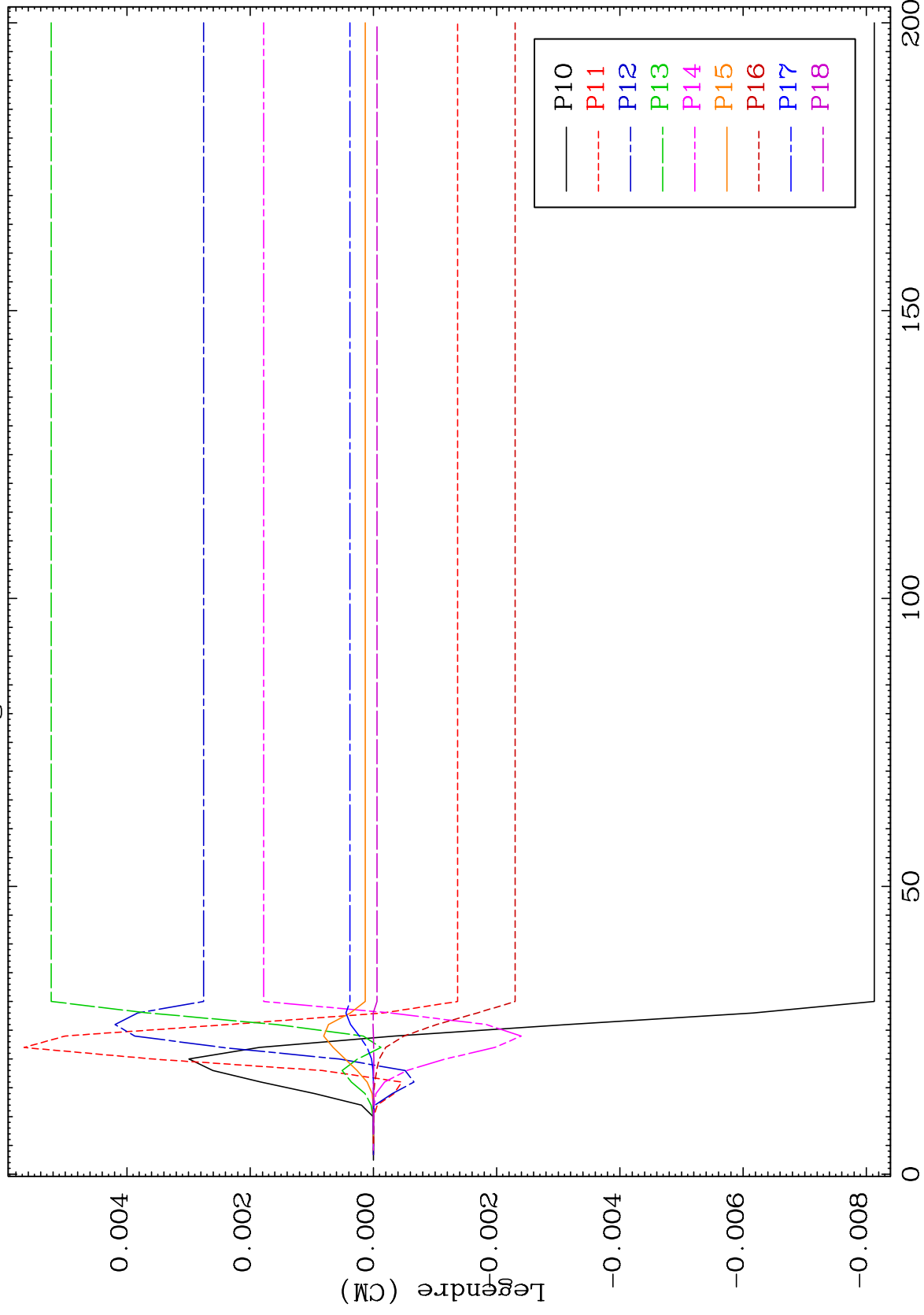
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



103

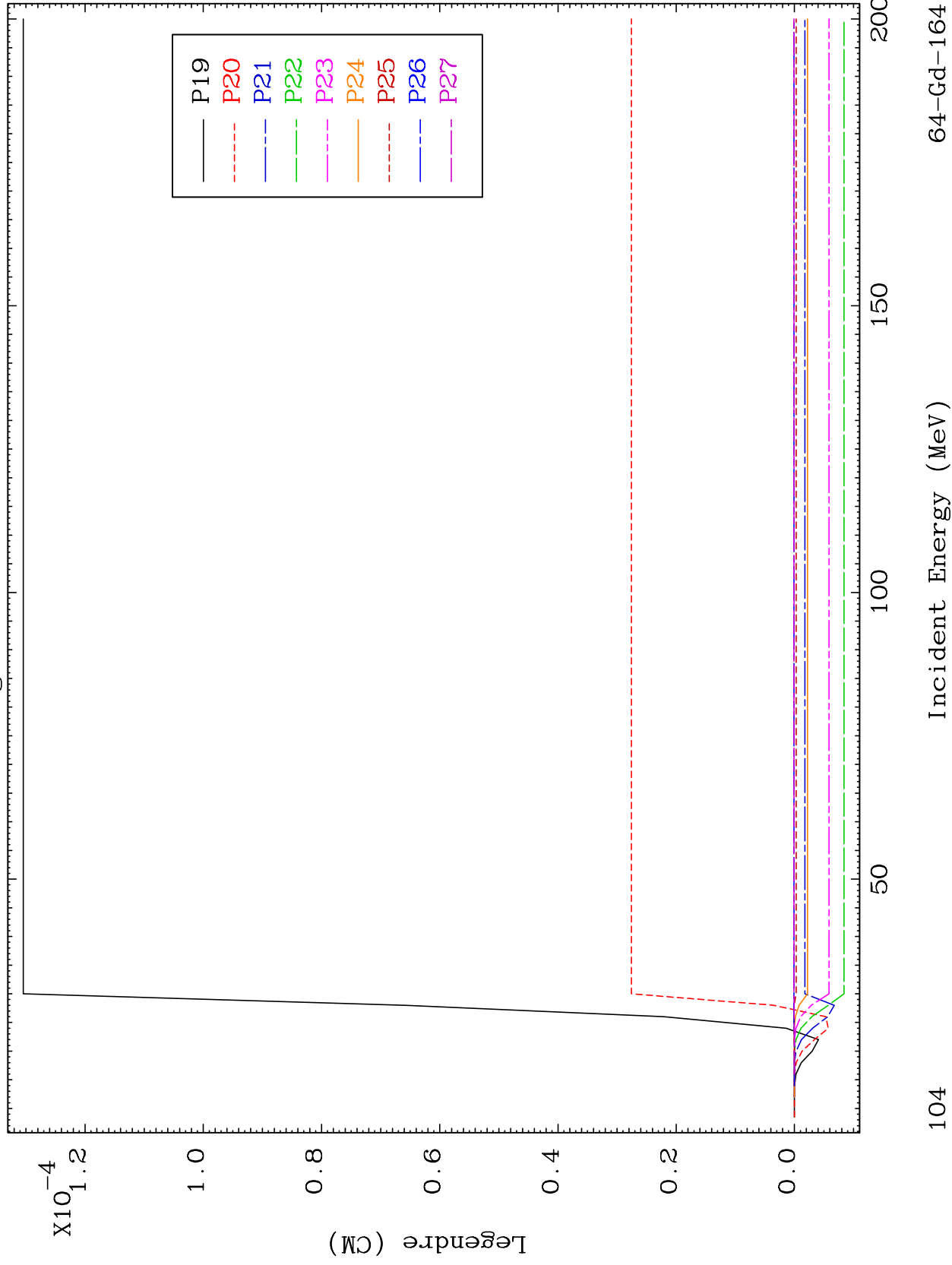
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

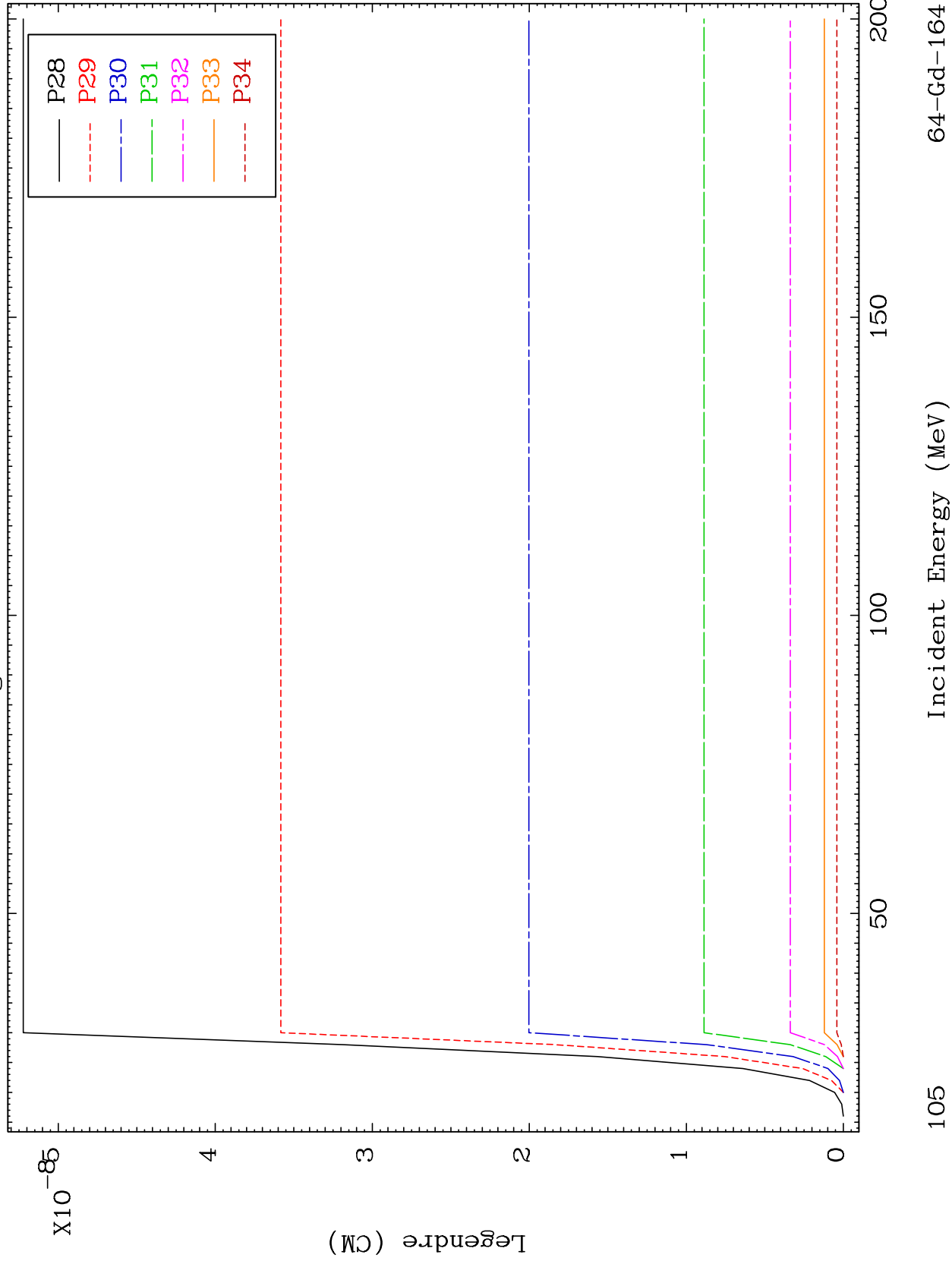
64-Gd-164



MAT 6461

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

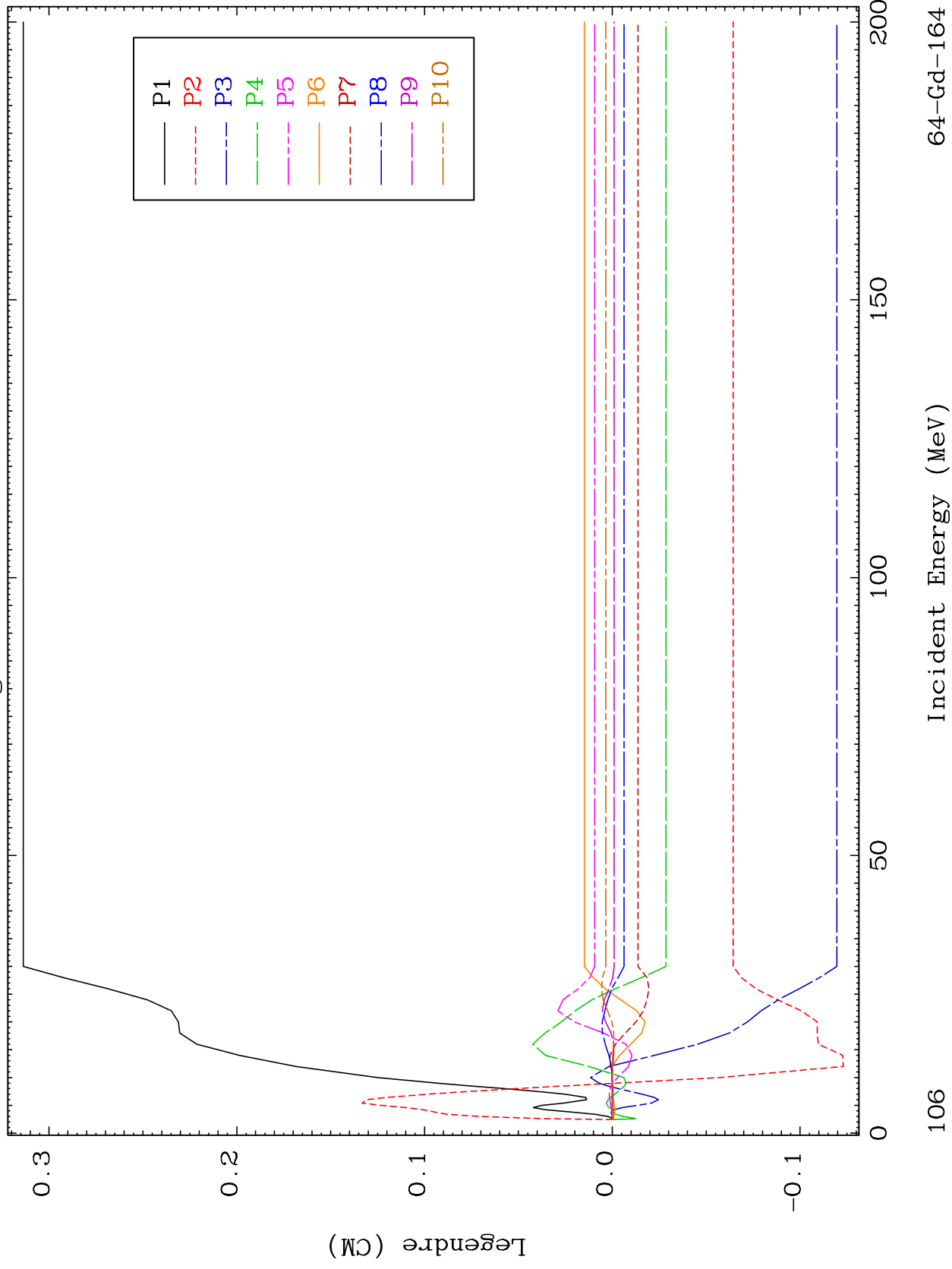
64-Gd-164



MAT 6461

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

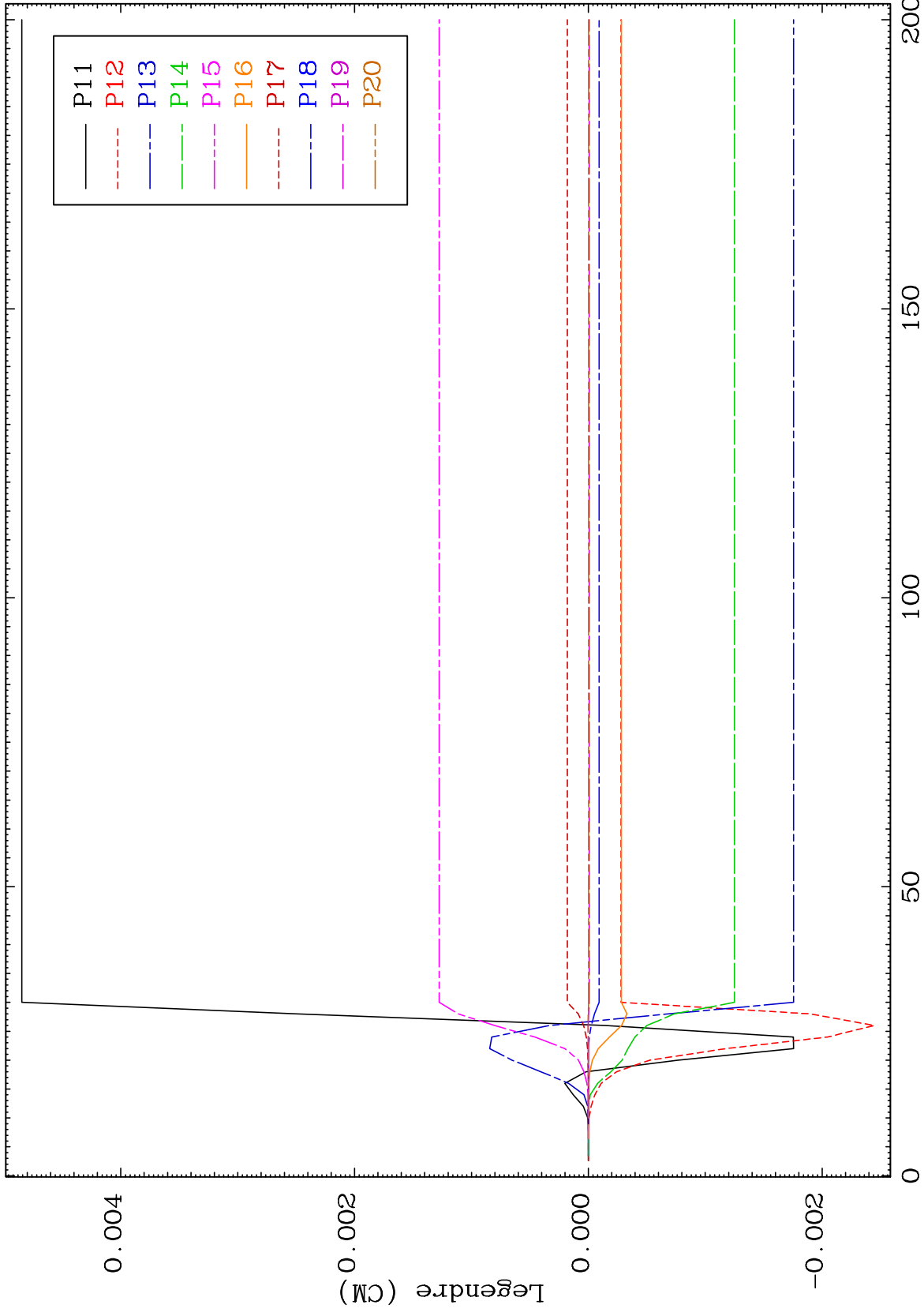
64-Gd-164



MAT 6461

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

64-Gd-164



107

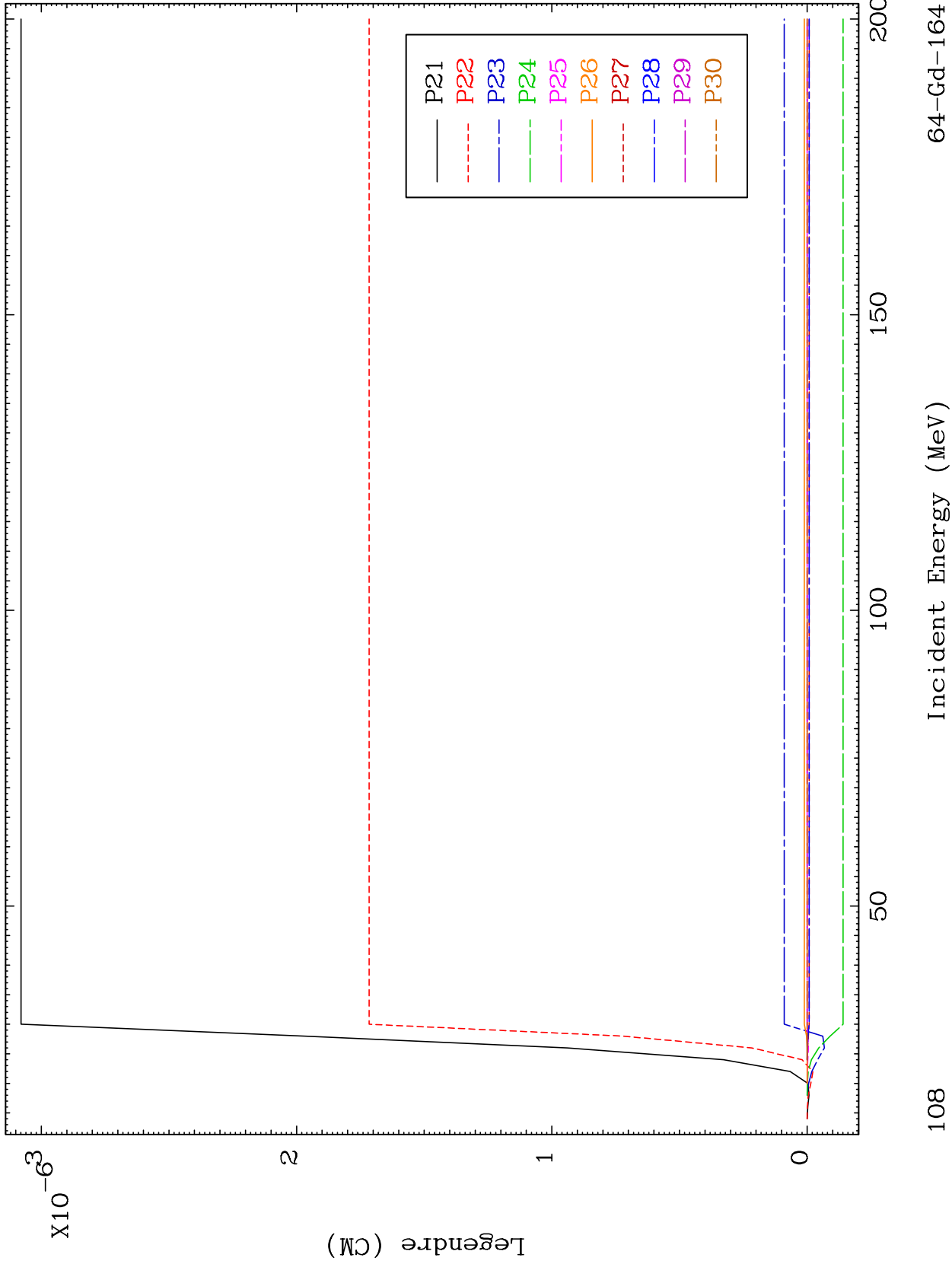
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



108

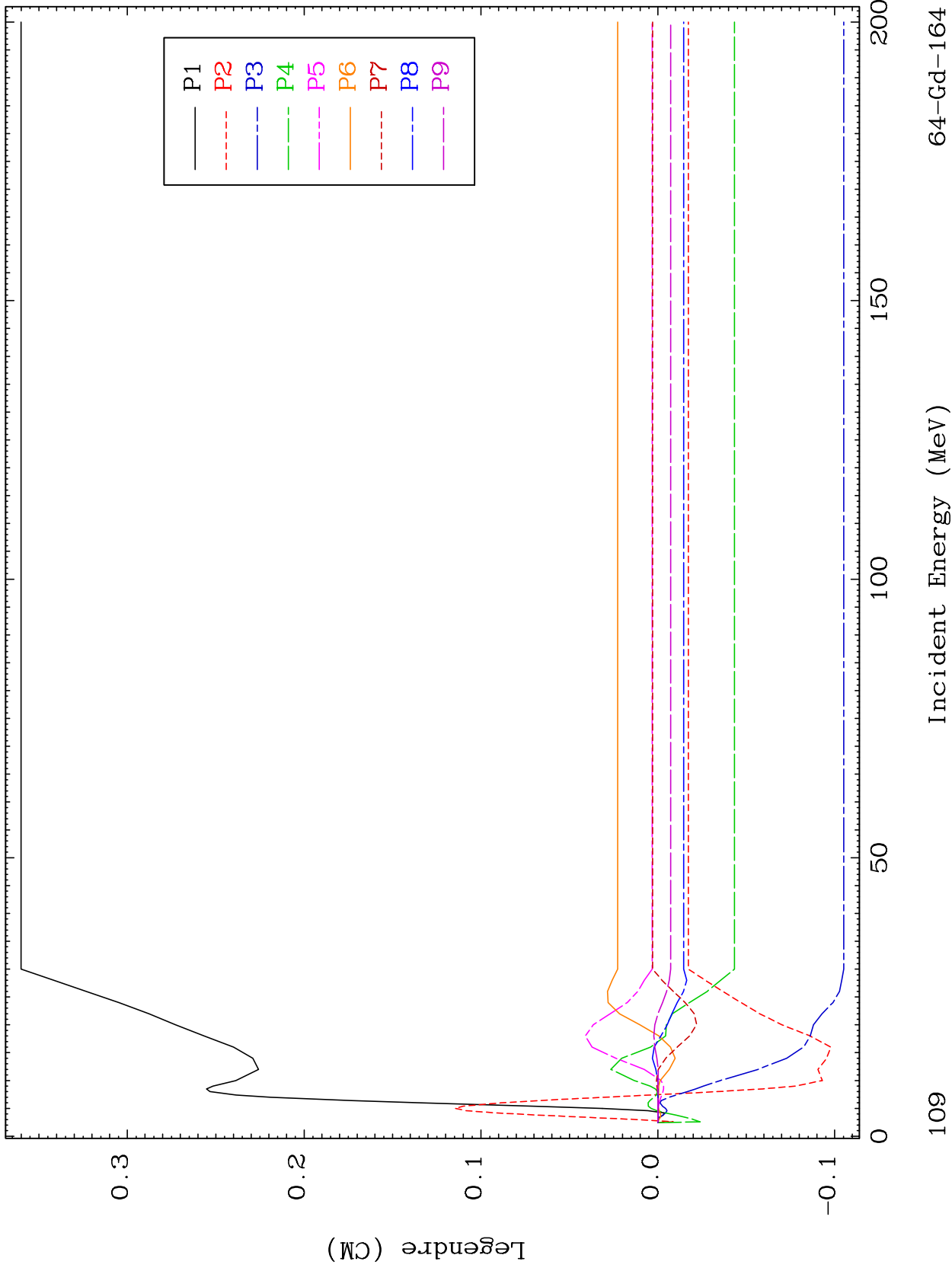
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



109

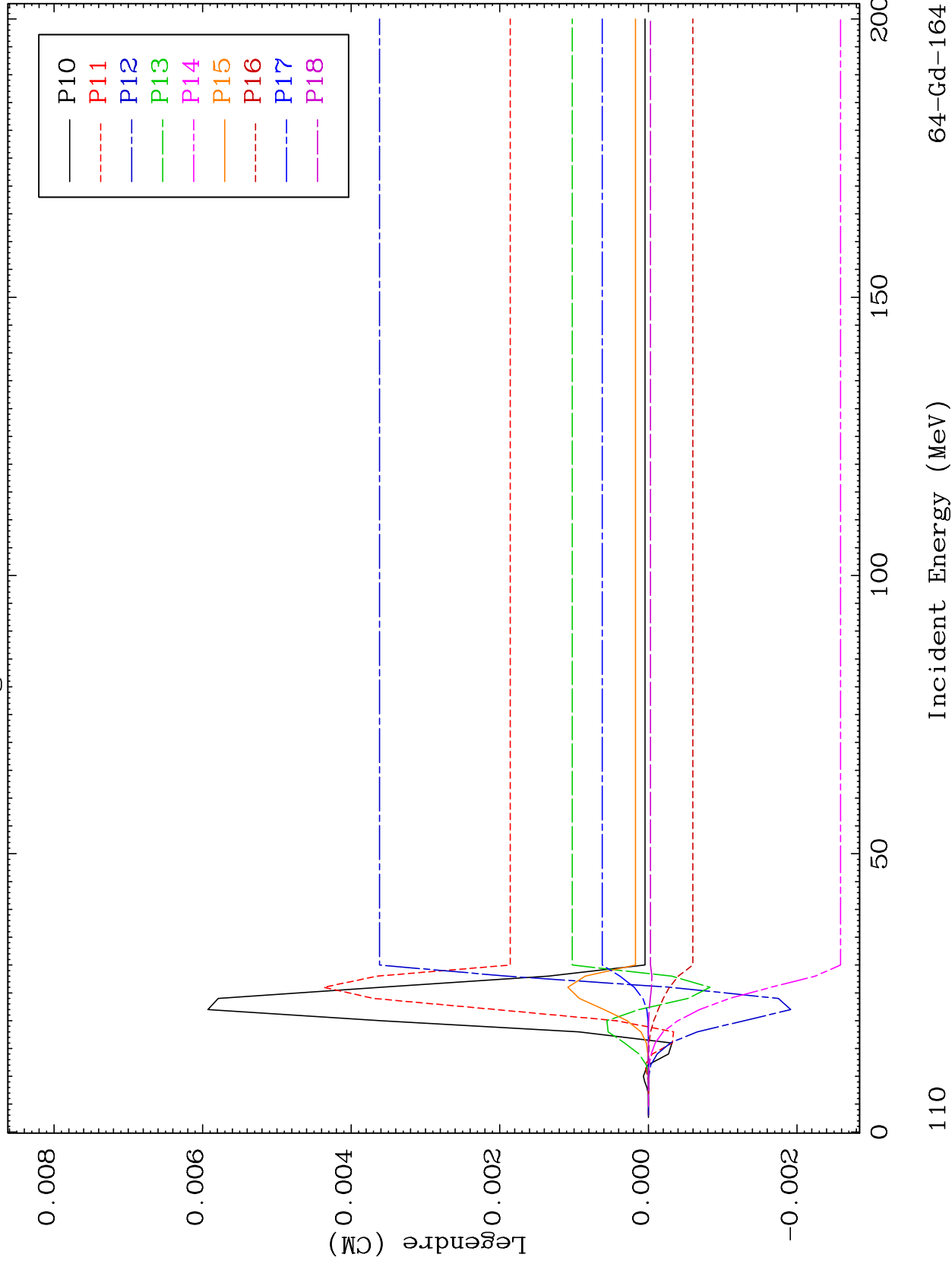
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

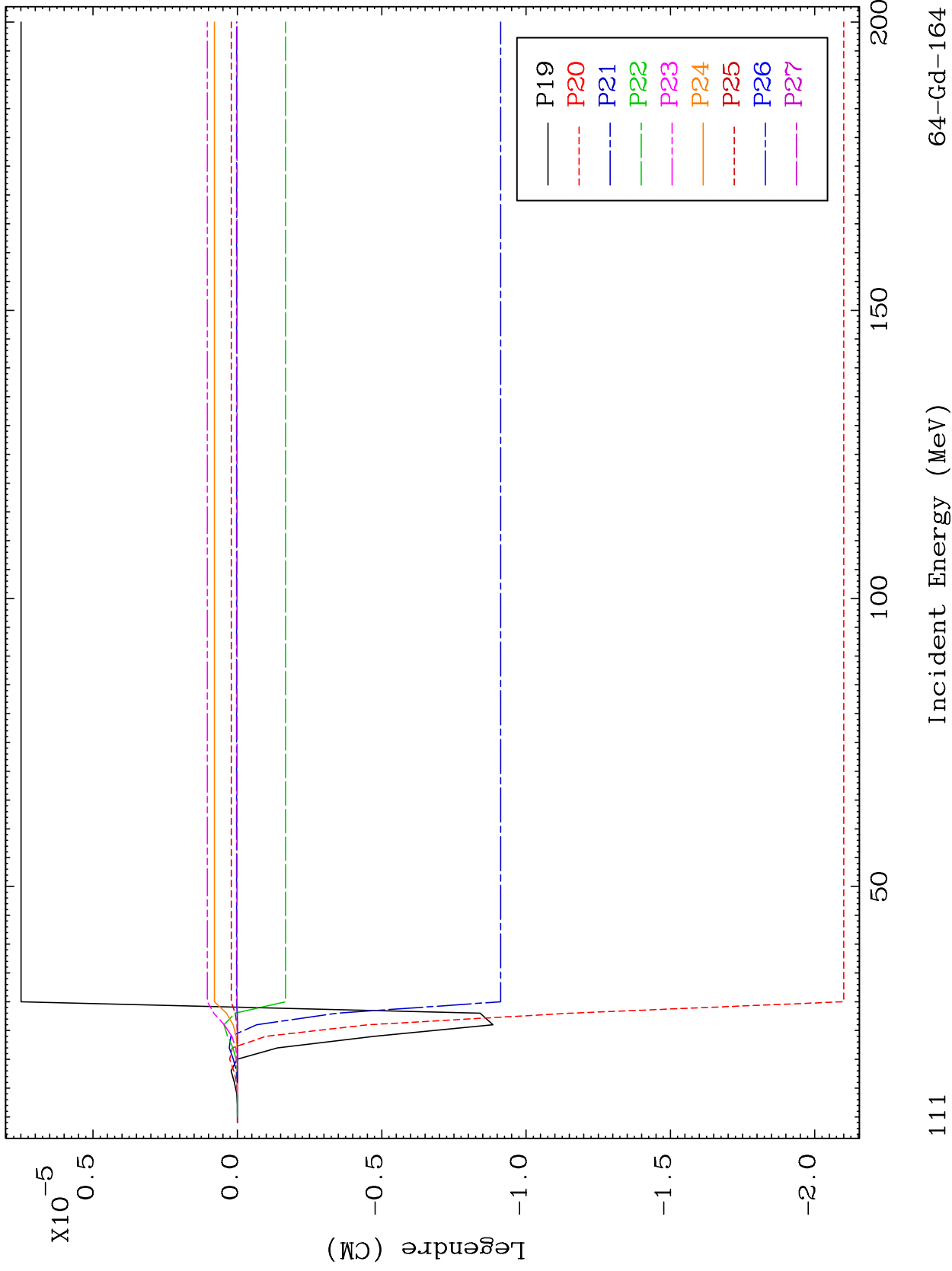
64-Gd-164



110

Incident Energy (MeV)

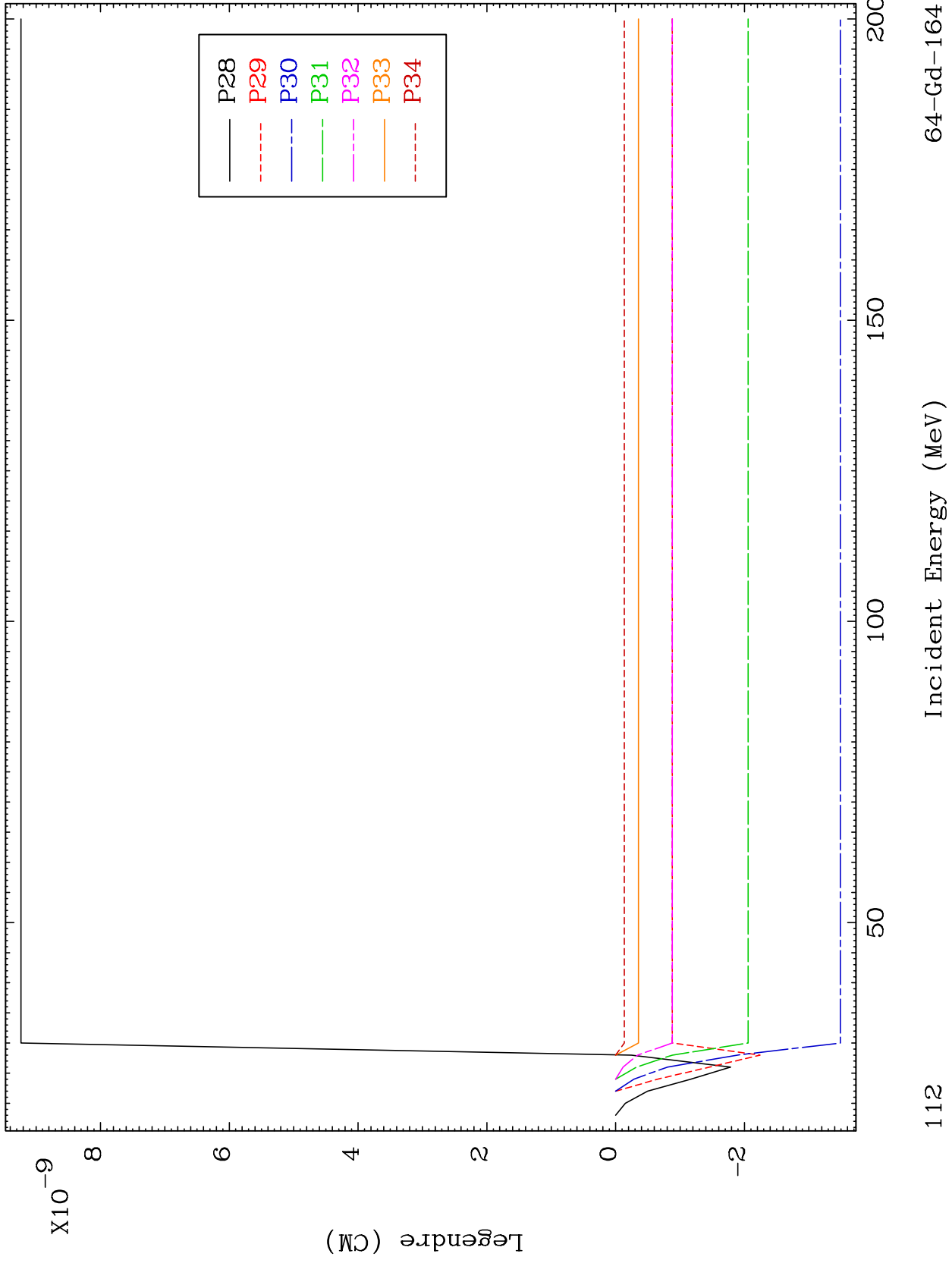
64-Gd-164



MAT 6461

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

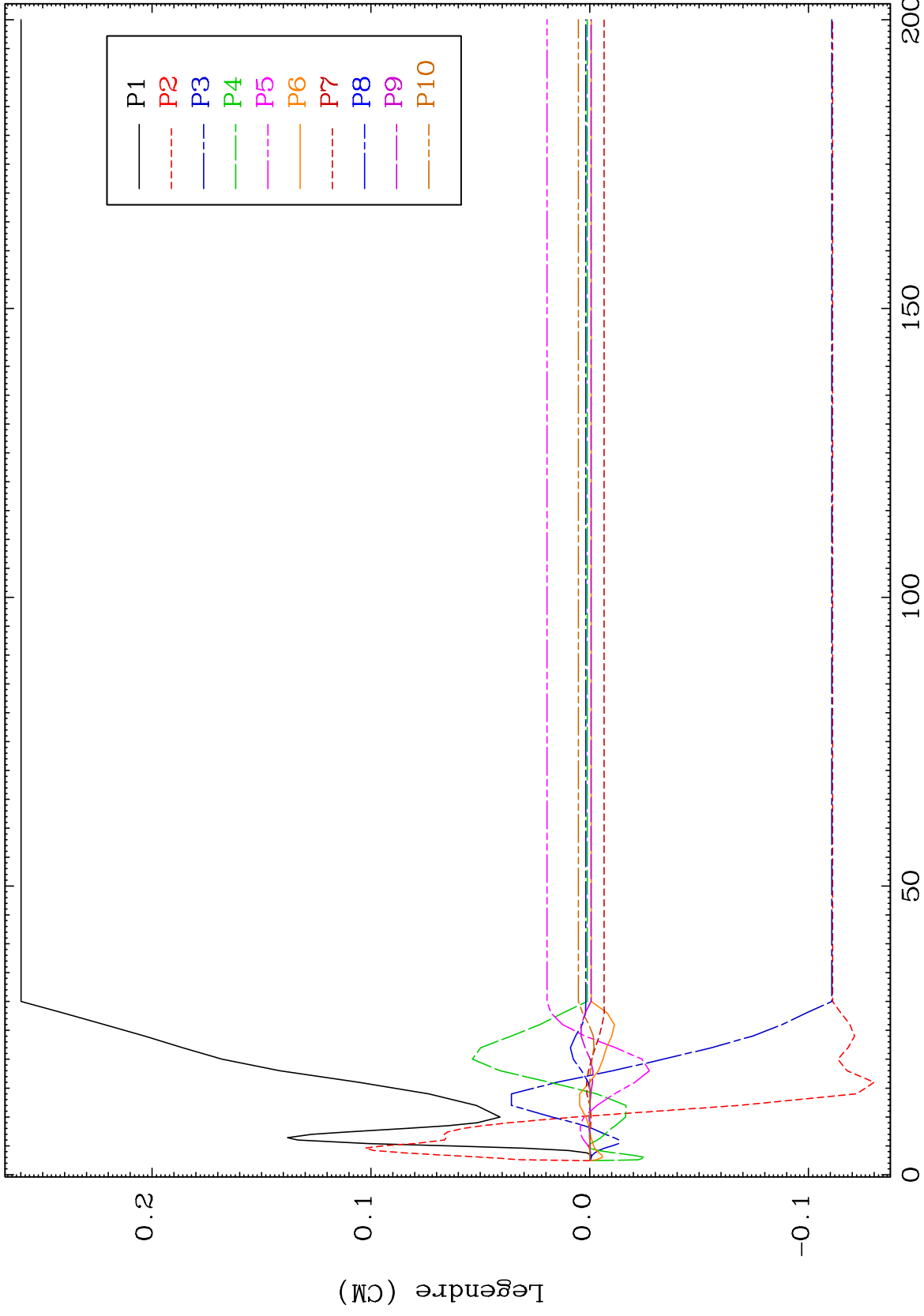
64-Gd-164



MAT 6461

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

64-Gd-164



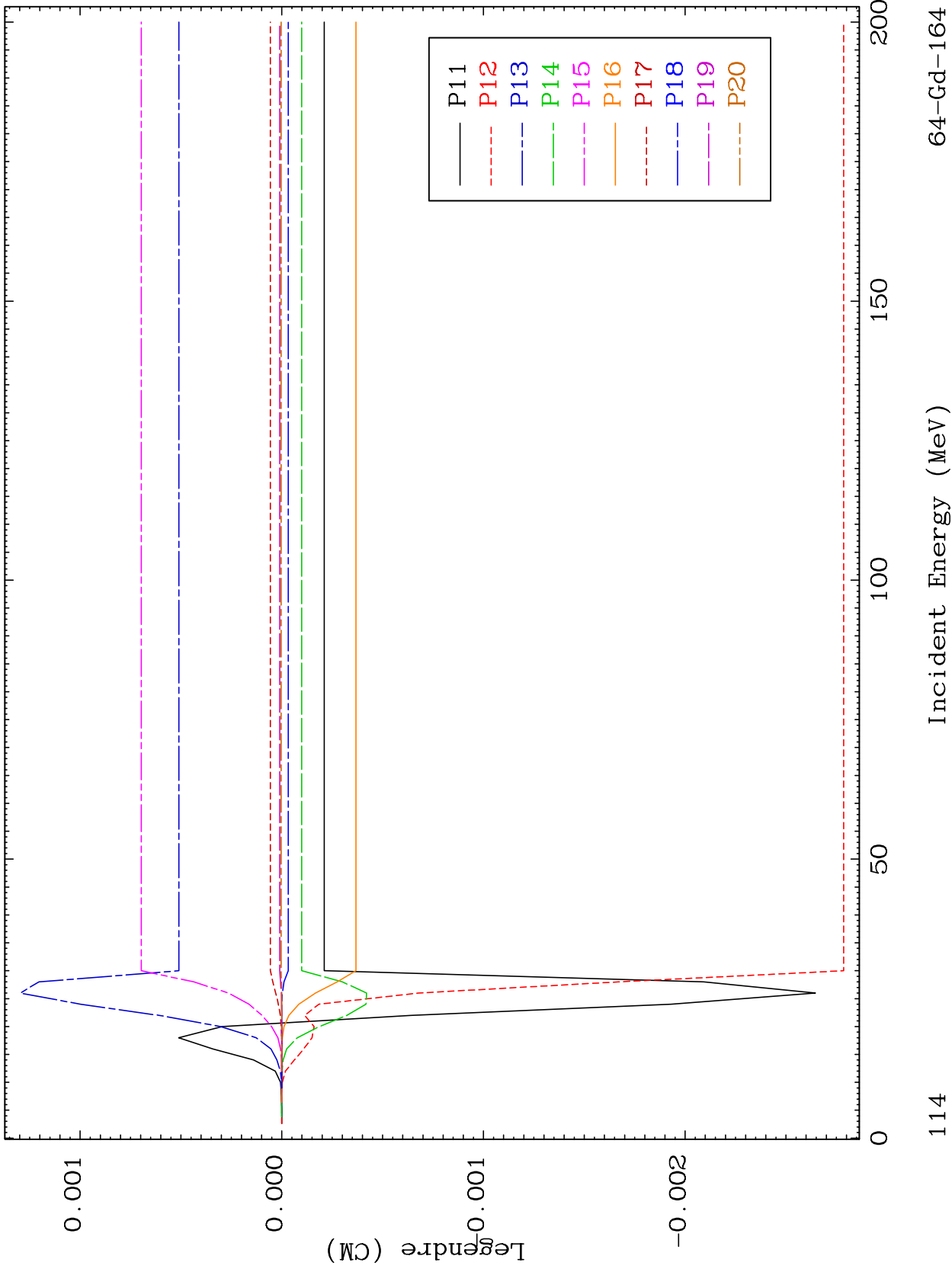
113

64-Gd-164

MAT 6461

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

64-Gd-164



114

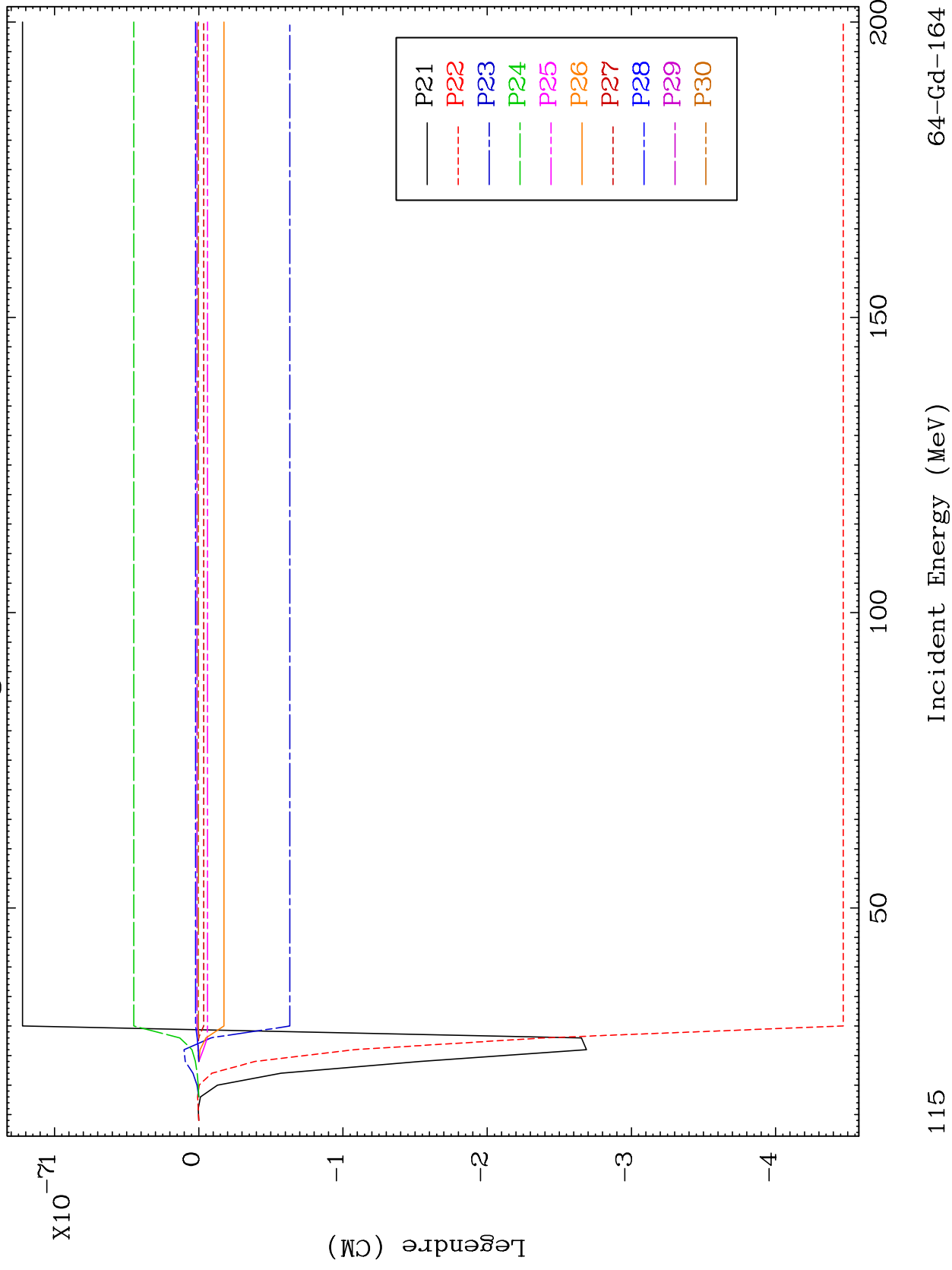
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

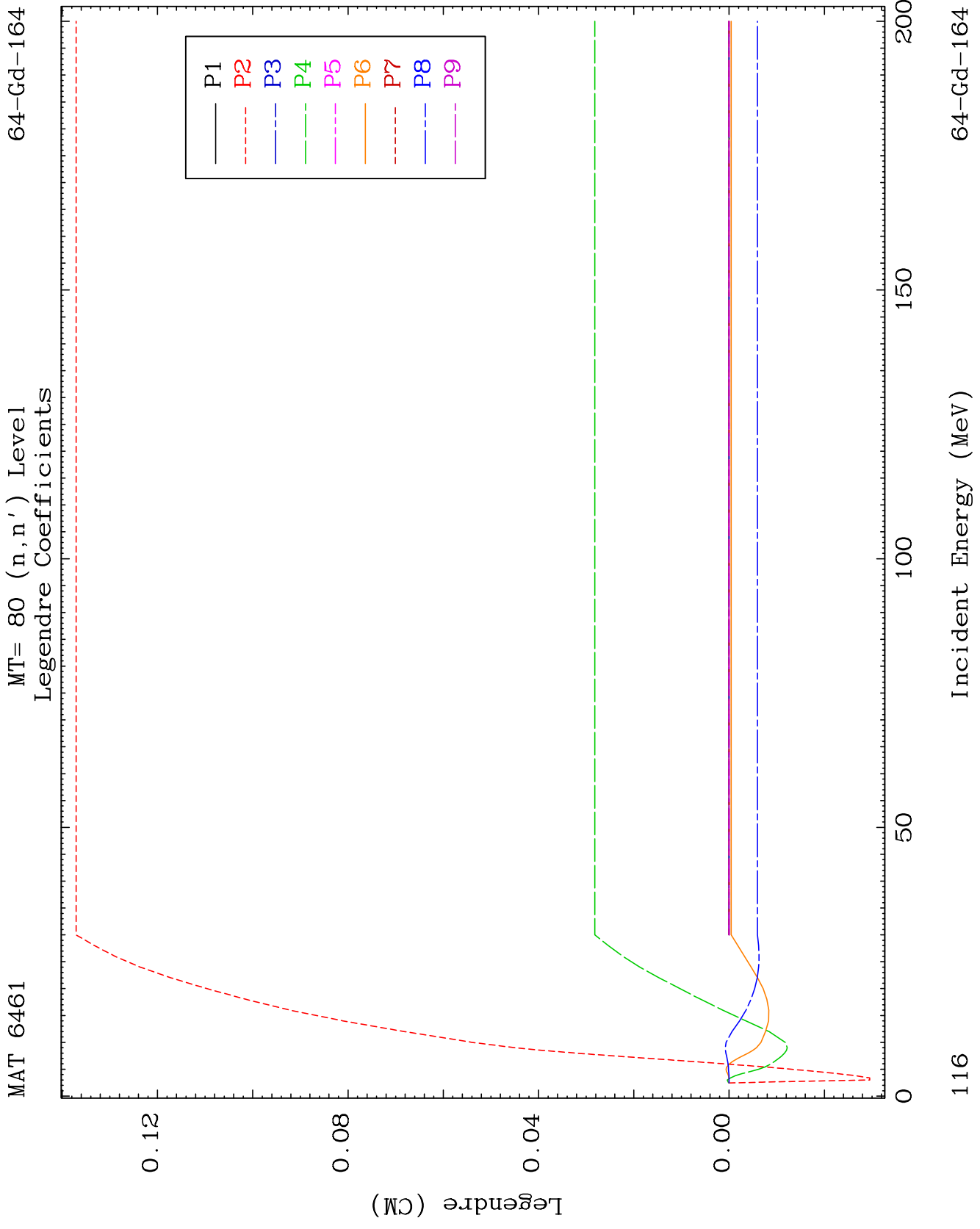
64-Gd-164



115

Incident Energy (MeV)

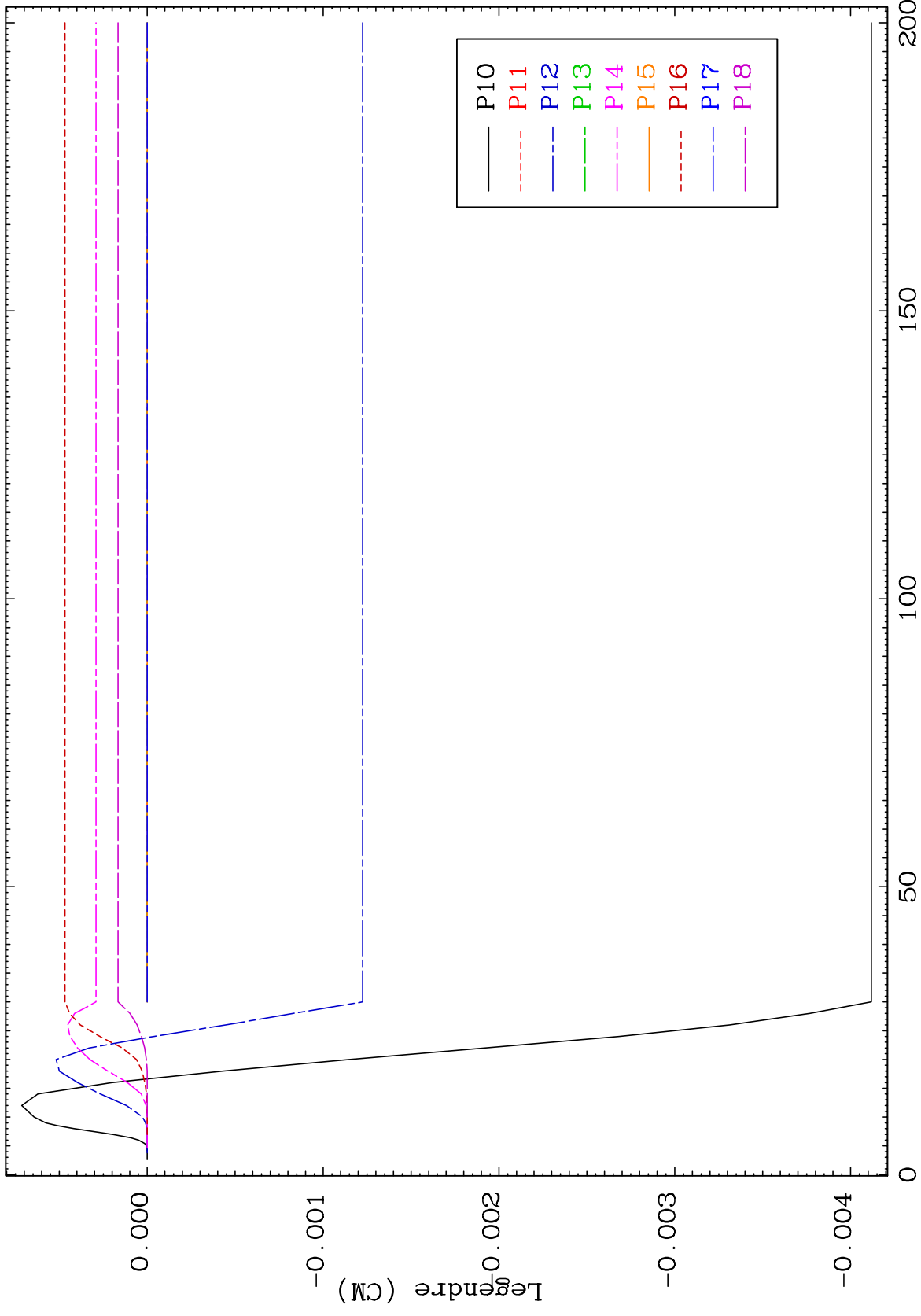
64-Gd-164



MAT 6461

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

64-Gd-164



117

Incident Energy (MeV)

64-Gd-164

