

Program EVALPLOT
(Version 2021-1)

by

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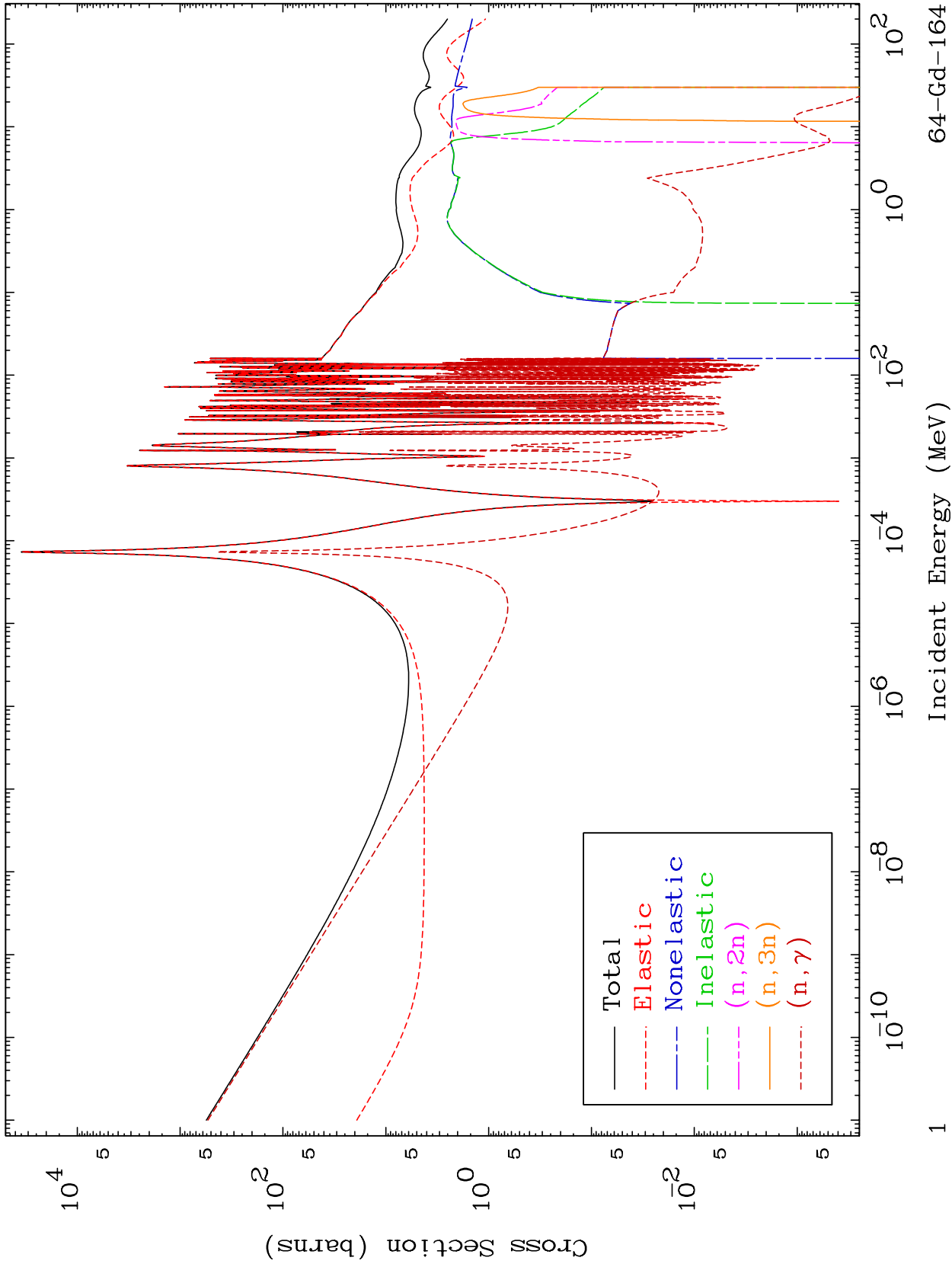
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Press Mouse Button to Start

MAT 6461

Neutron Major
293 Kelvin Cross Sections

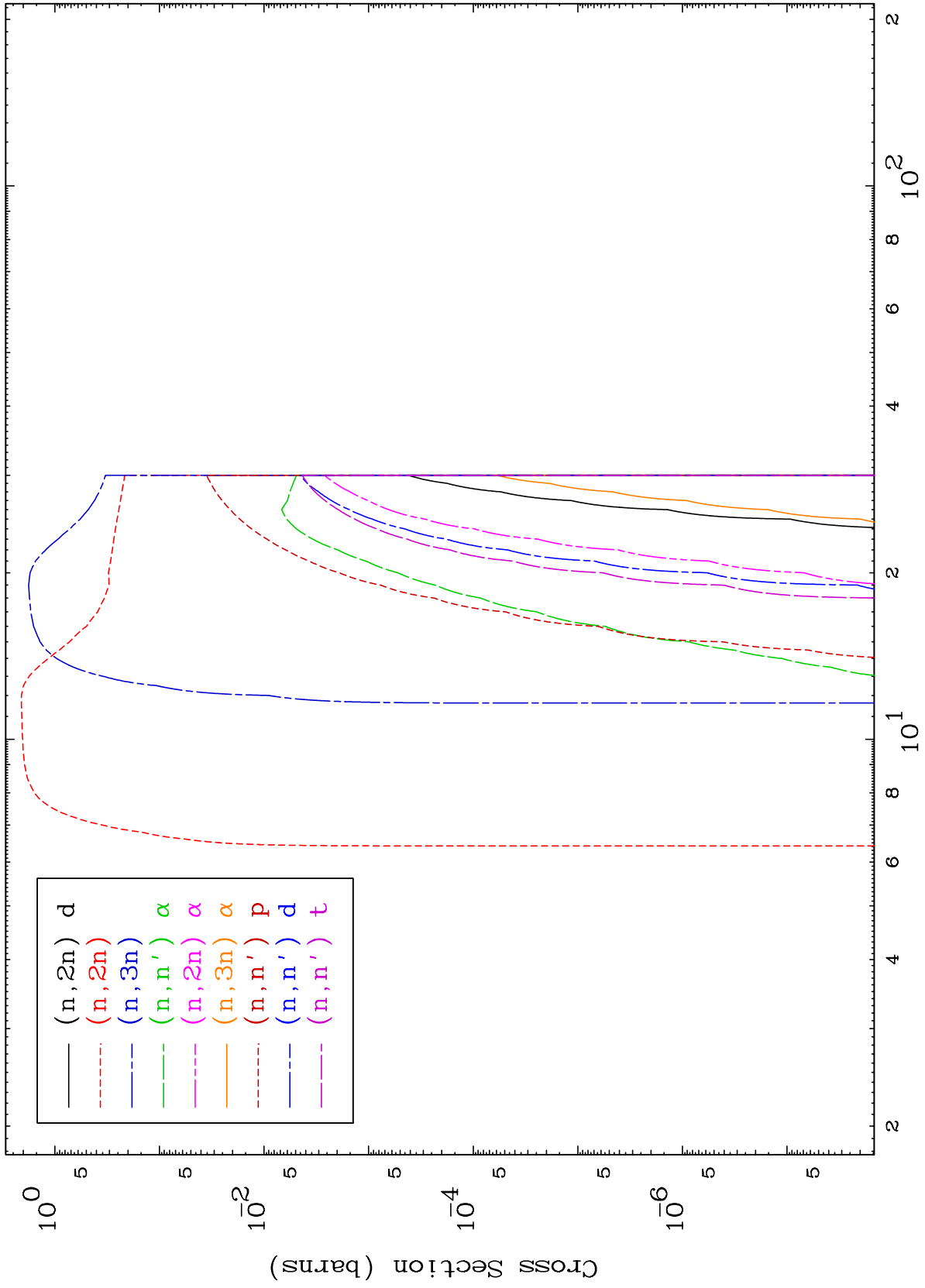
64-Gd-164



MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-164



2

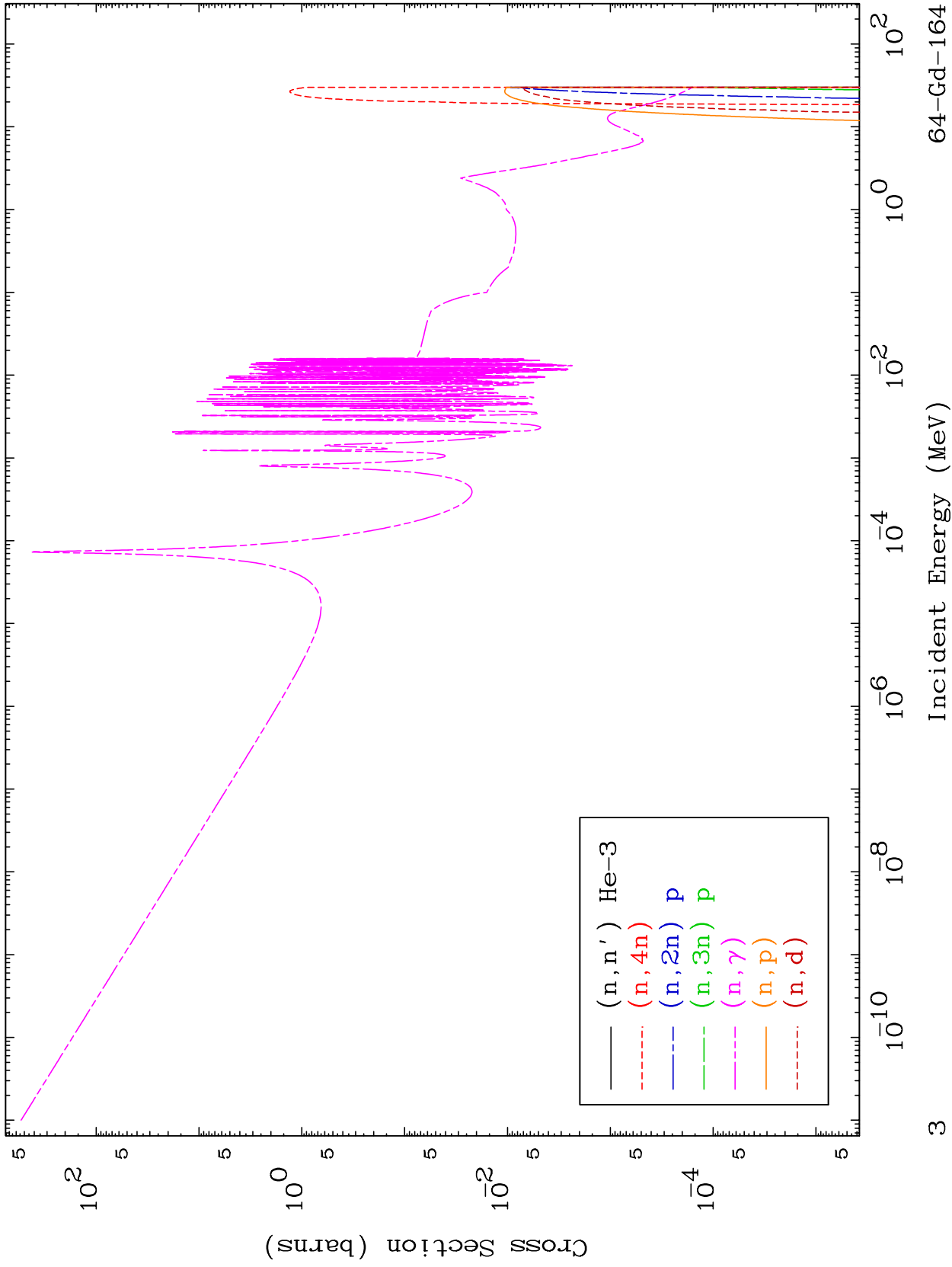
Incident Energy (MeV)

64-Gd-164

MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

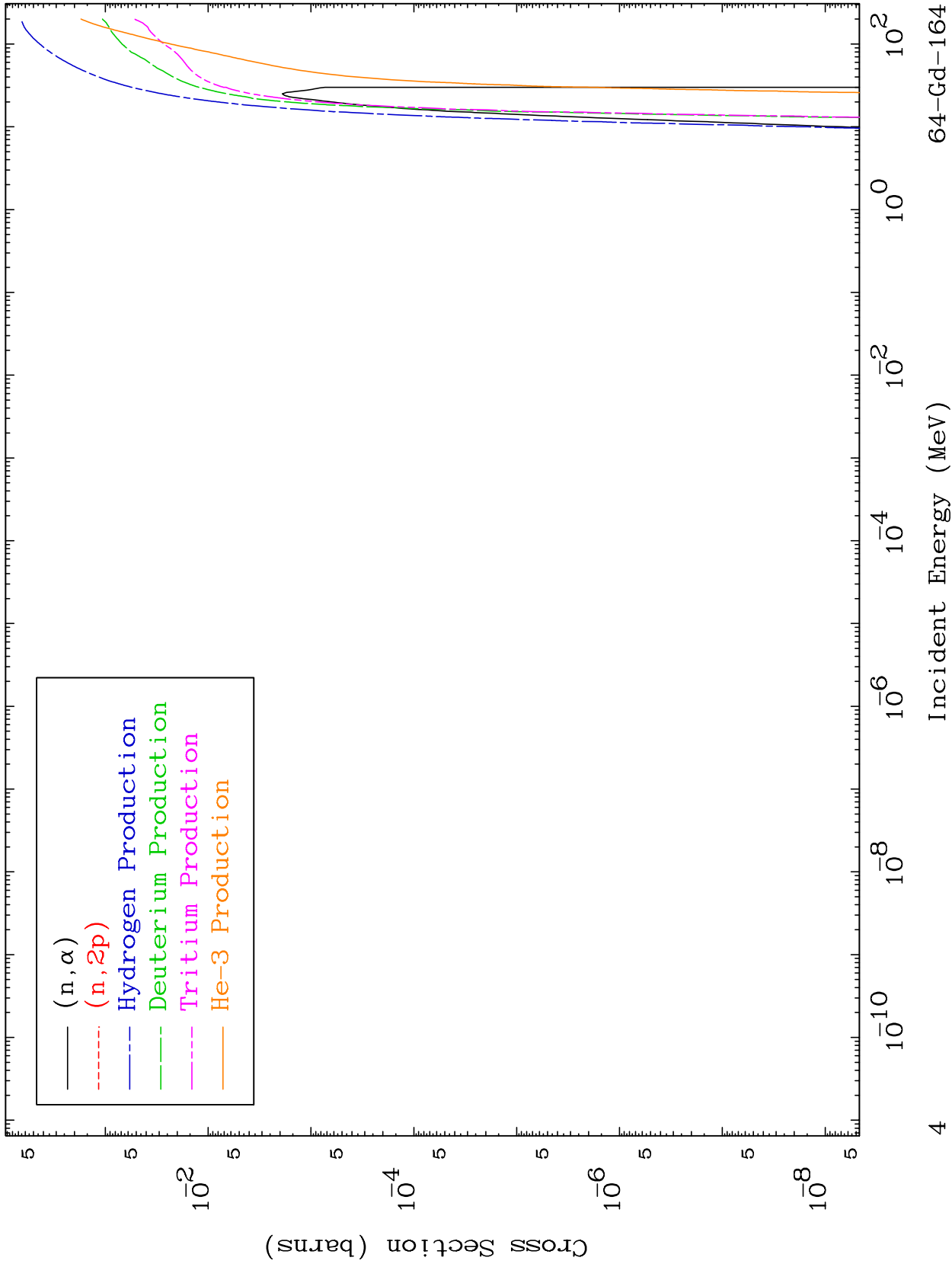
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MAT 6461

Neutron Absorption
293 Kelvin Cross Sections

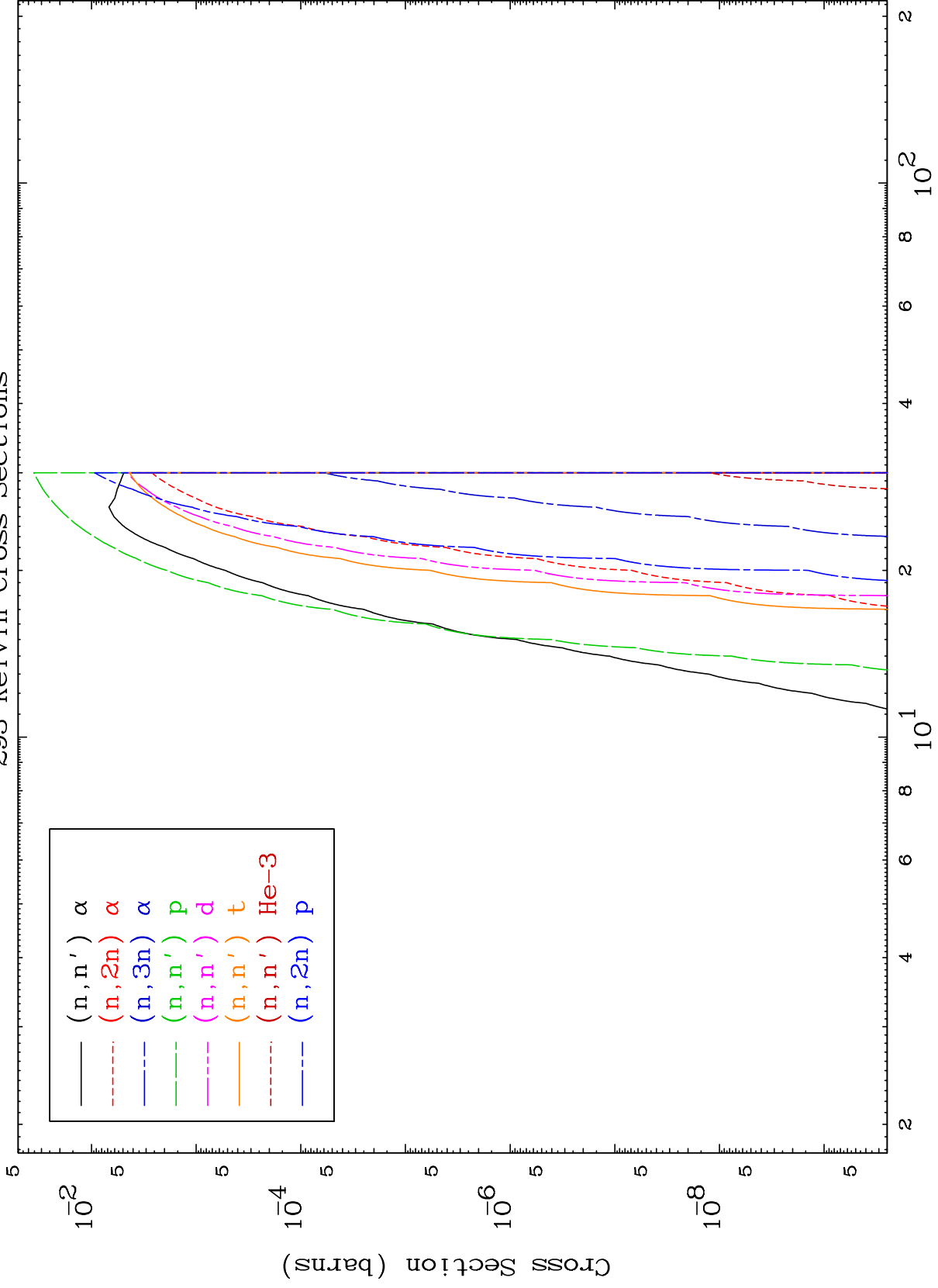
64-Gd-164



MAT 6461

Charged Particle
293 Kelvin Cross Sections

64-Gd-164



5

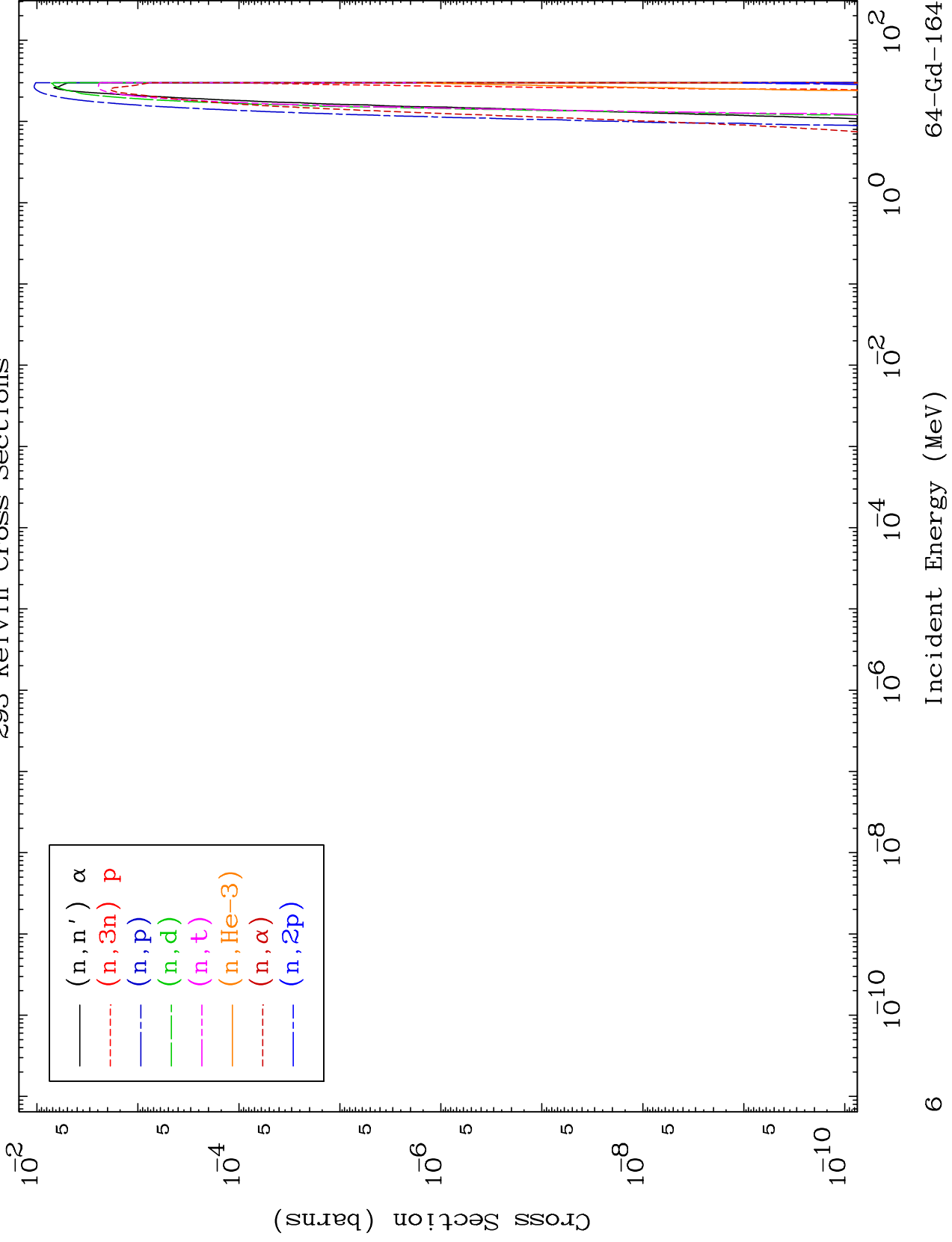
Incident Energy (MeV)

64-Gd-164

MAT 6461

Charged Particle
293 Kelvin Cross Sections

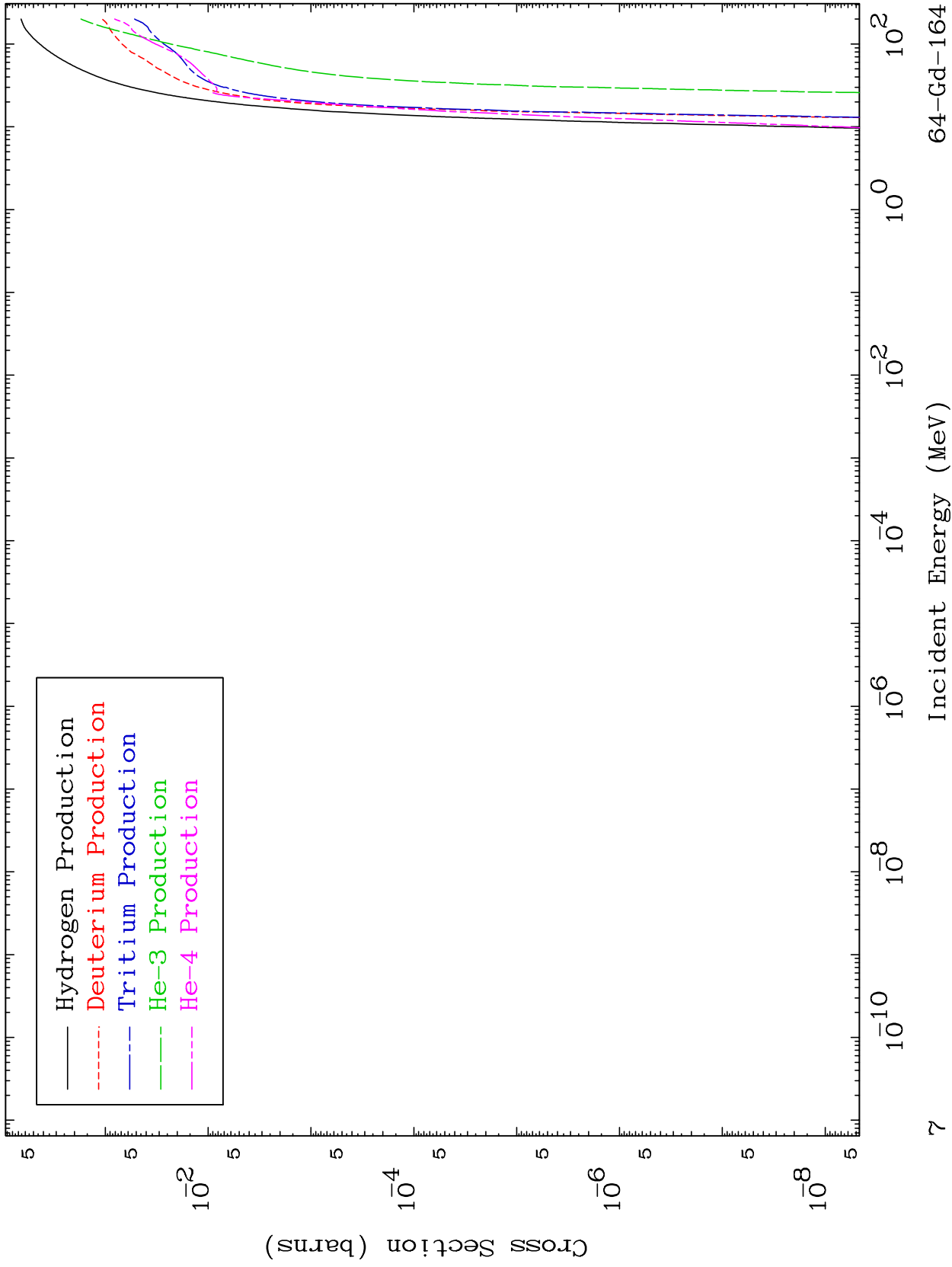
64-Gd-164



MAT 6461

Particle Production
293 Kelvin Cross Sections

64-Gd-164

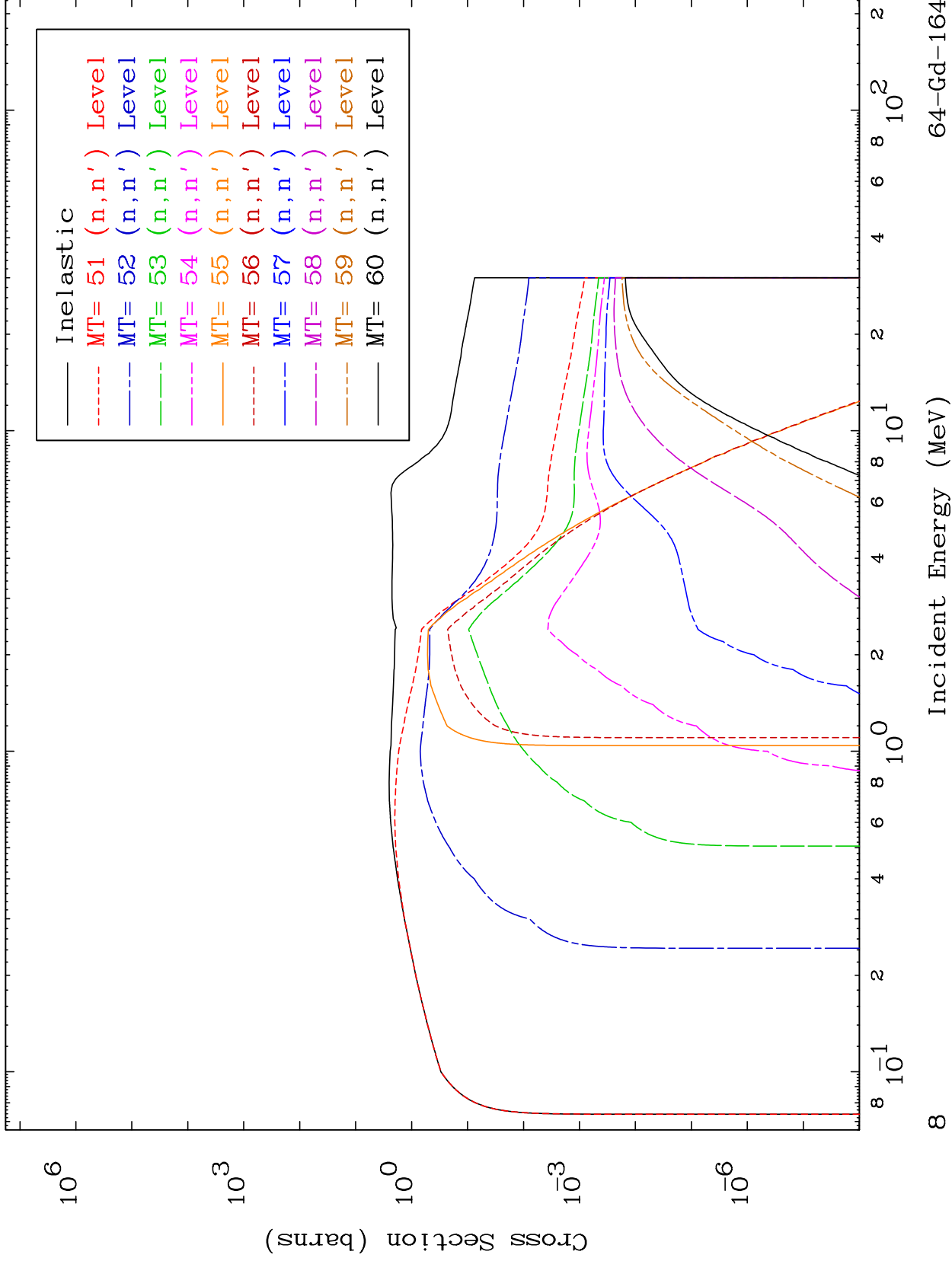


MAT 6461

(n,n') Levels

64-Gd-164

293 Kelvin Cross Sections



8

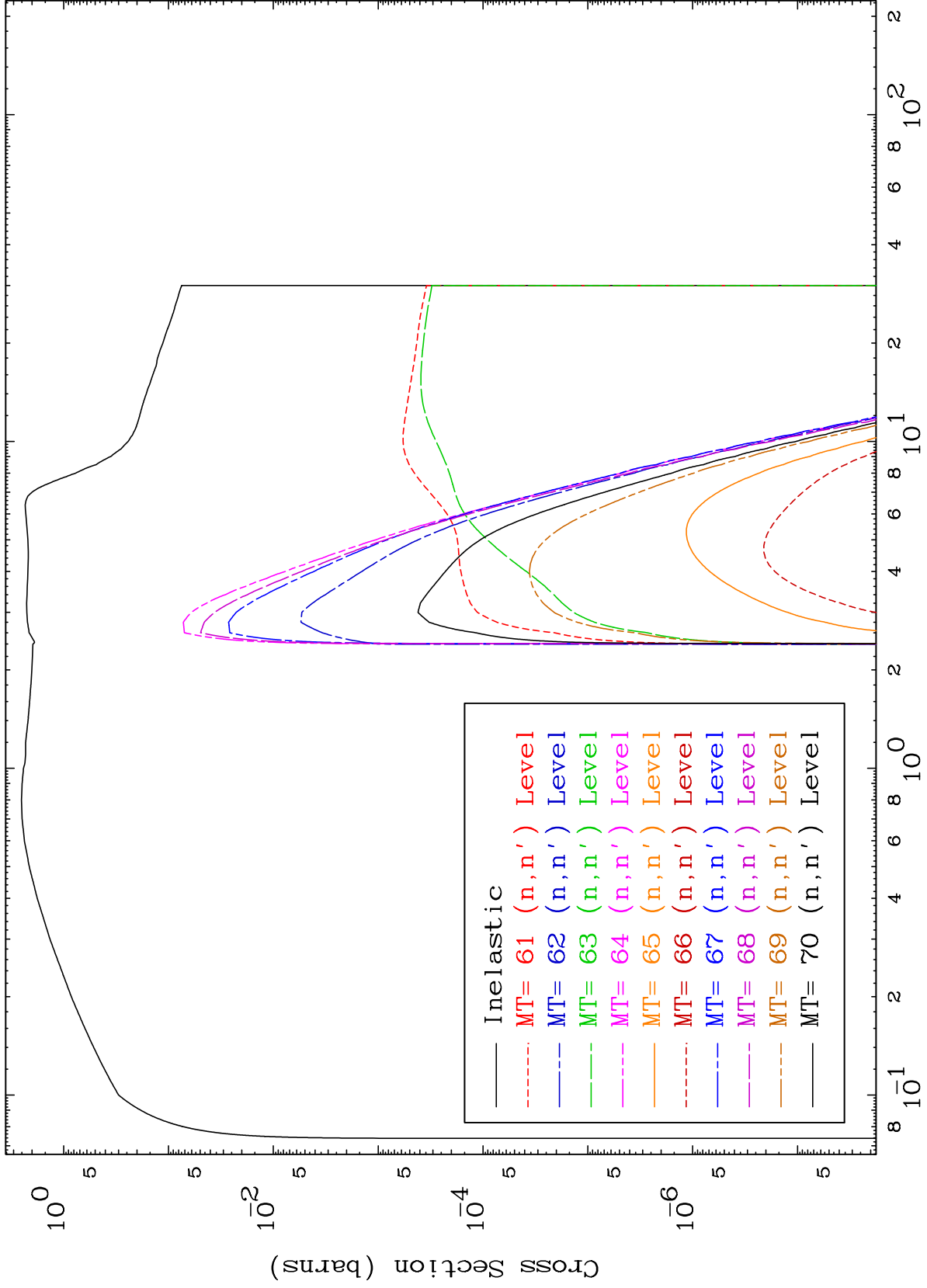
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,n') Levels
293 Kelvin Cross Sections

64-Gd-164



9

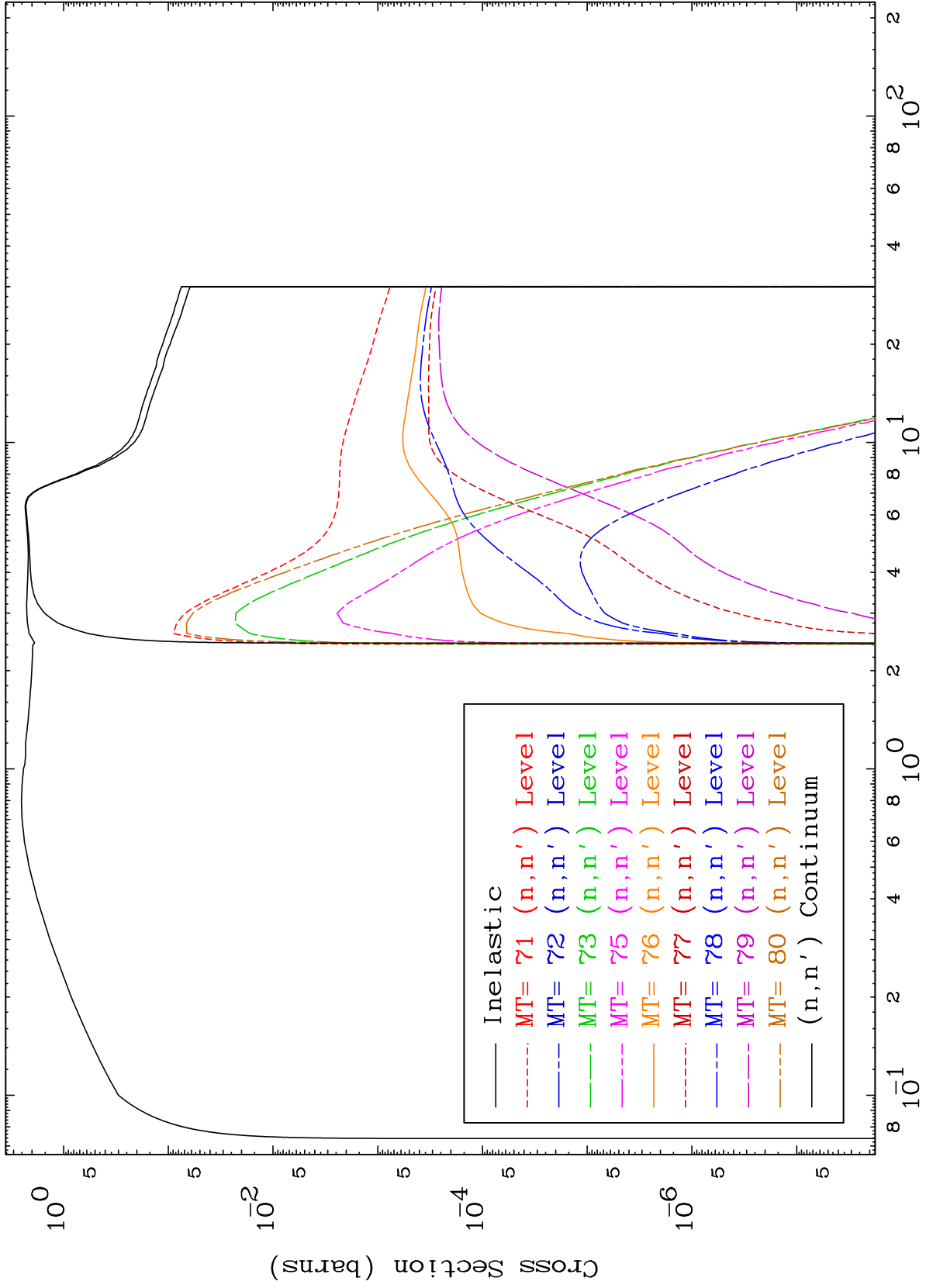
Incident Energy (MeV)

64-Gd-164

MAT 6461

293 Kelvin Cross Sections
(n,n') Levels

64-Gd-164



64-Gd-164

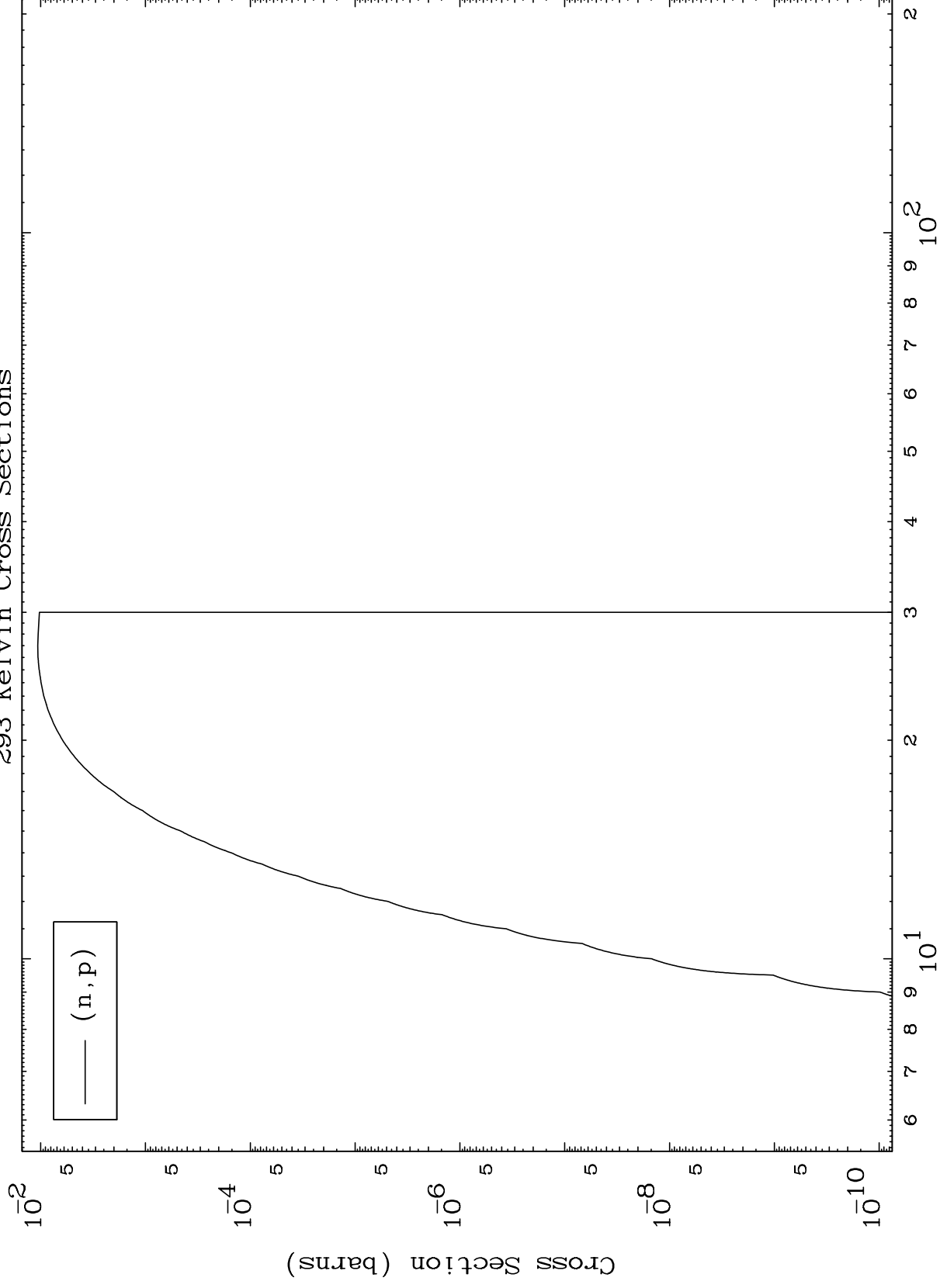
Incident Energy (MeV)

10

MAT 6461

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-164



11

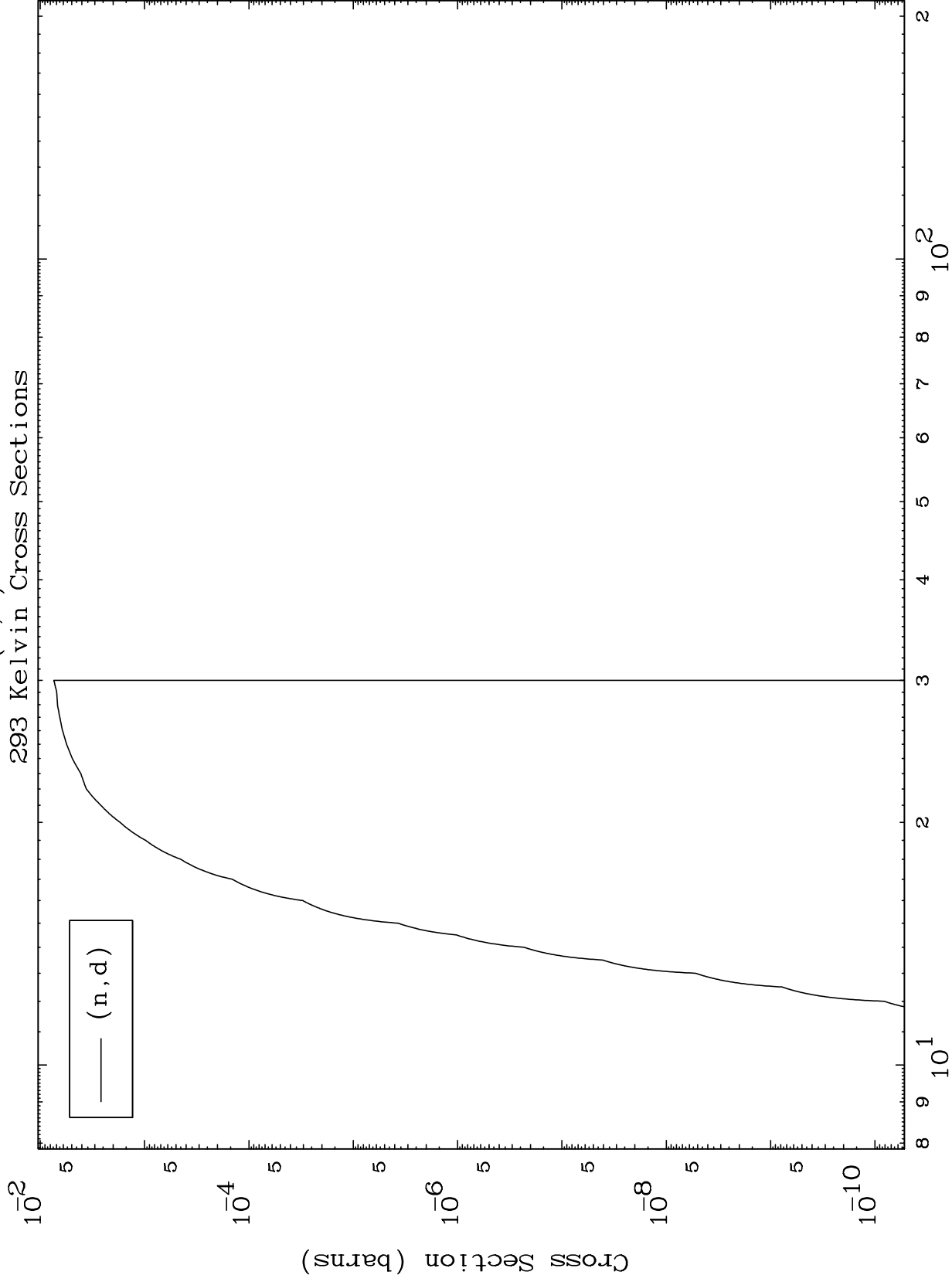
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-164



12

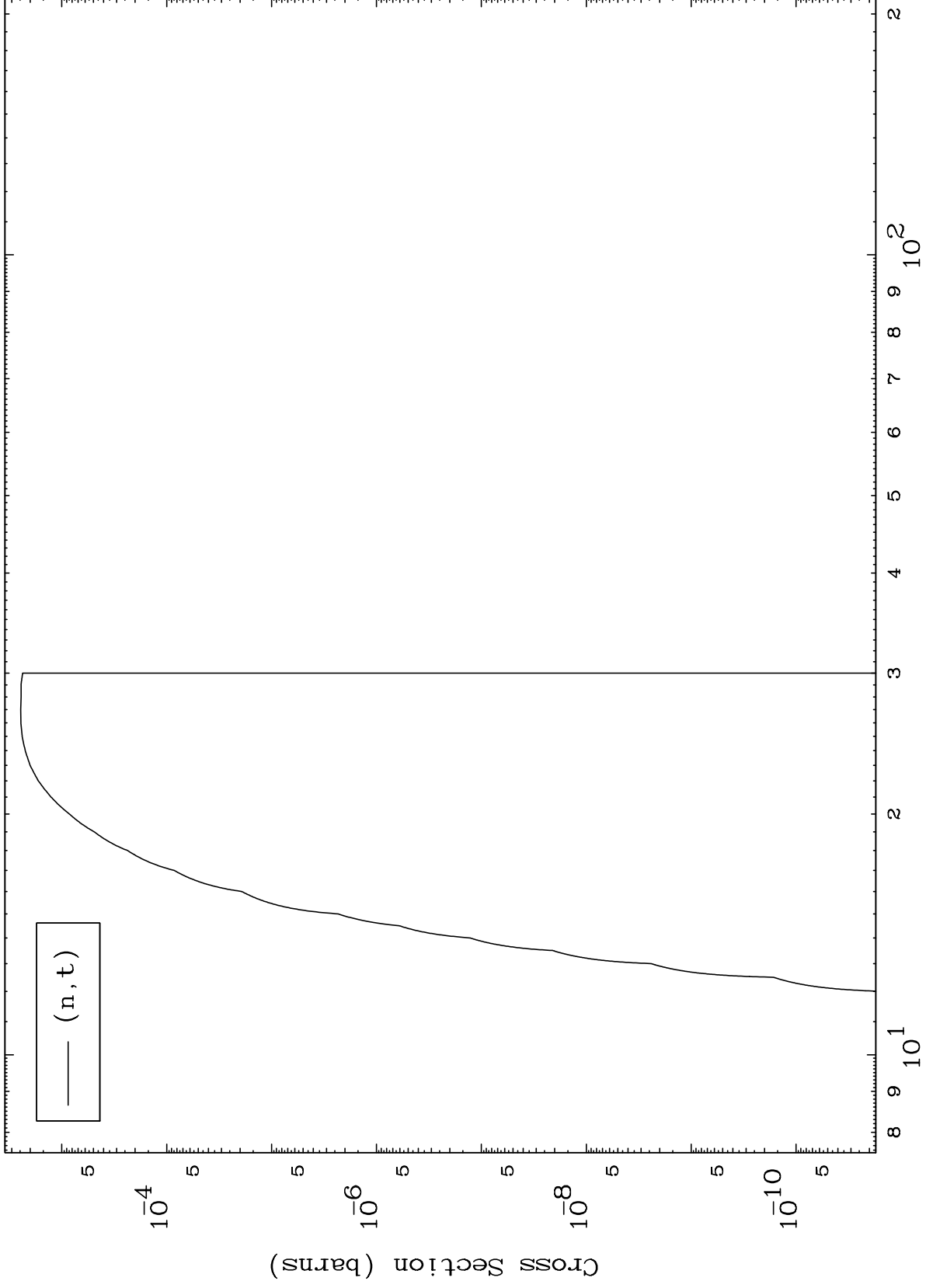
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-164



13

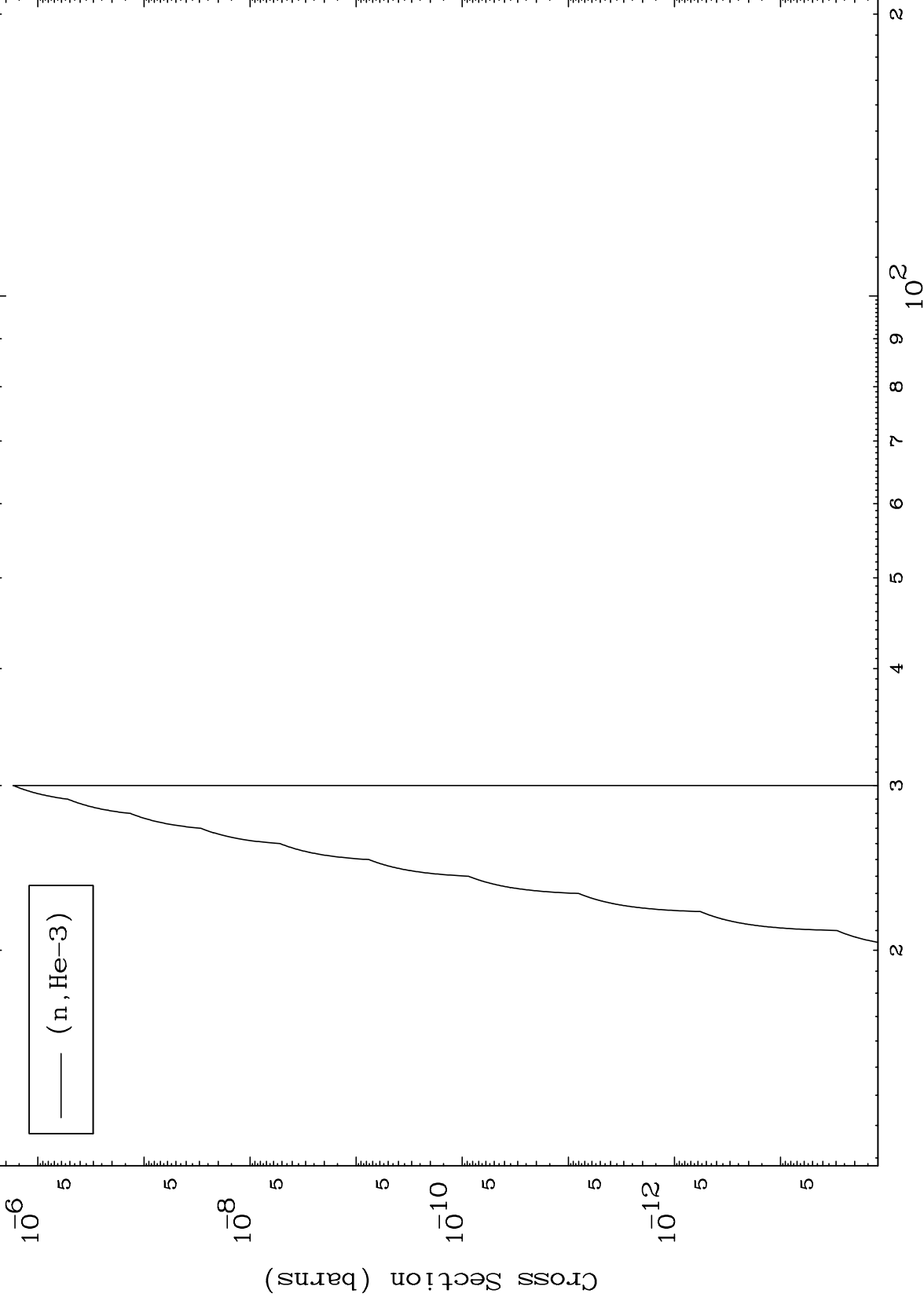
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-164



14

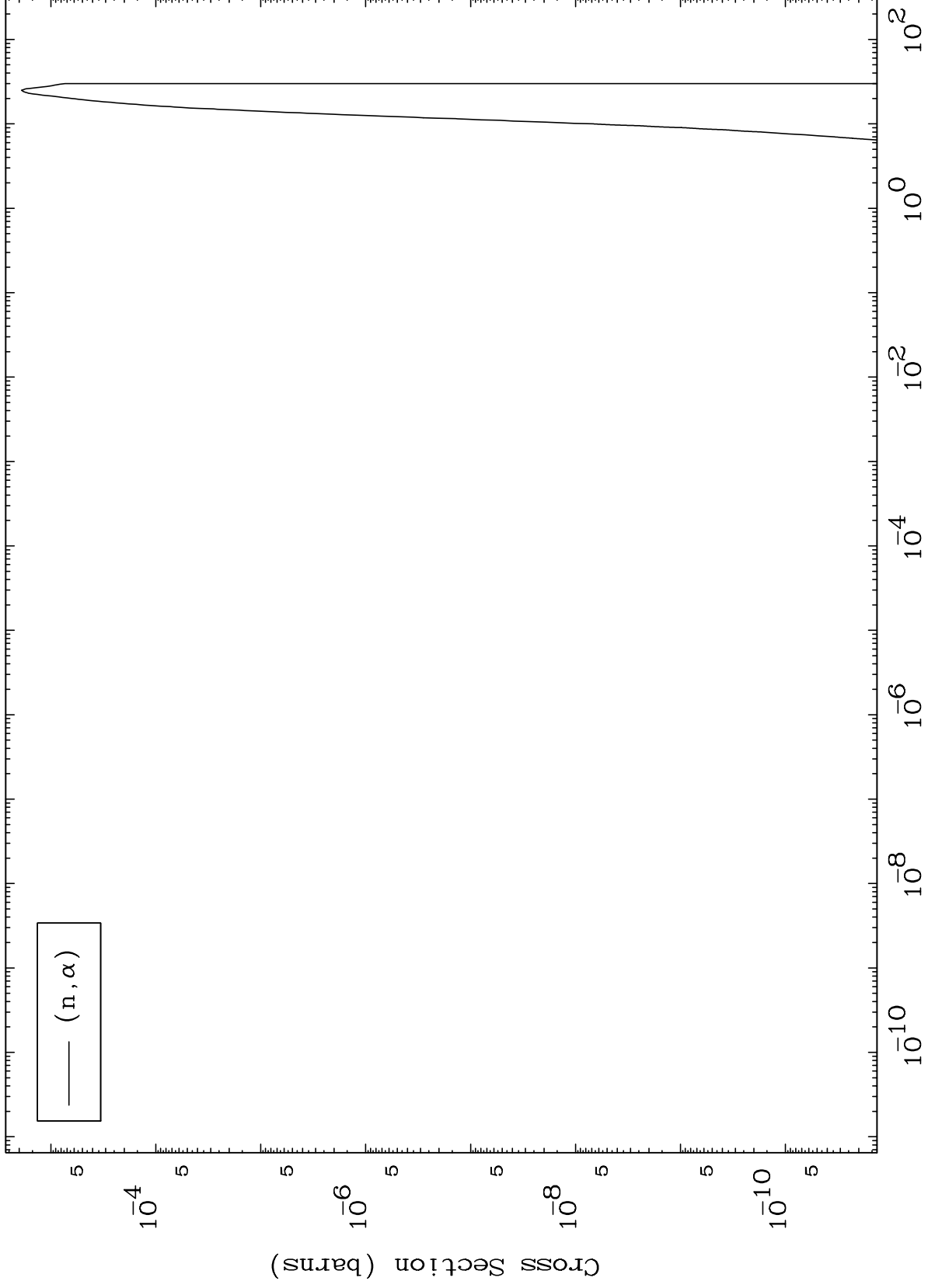
Incident Energy (MeV)

64-Gd-164

MAT 6461

(n, α) Levels
293 Kelvin Cross Sections

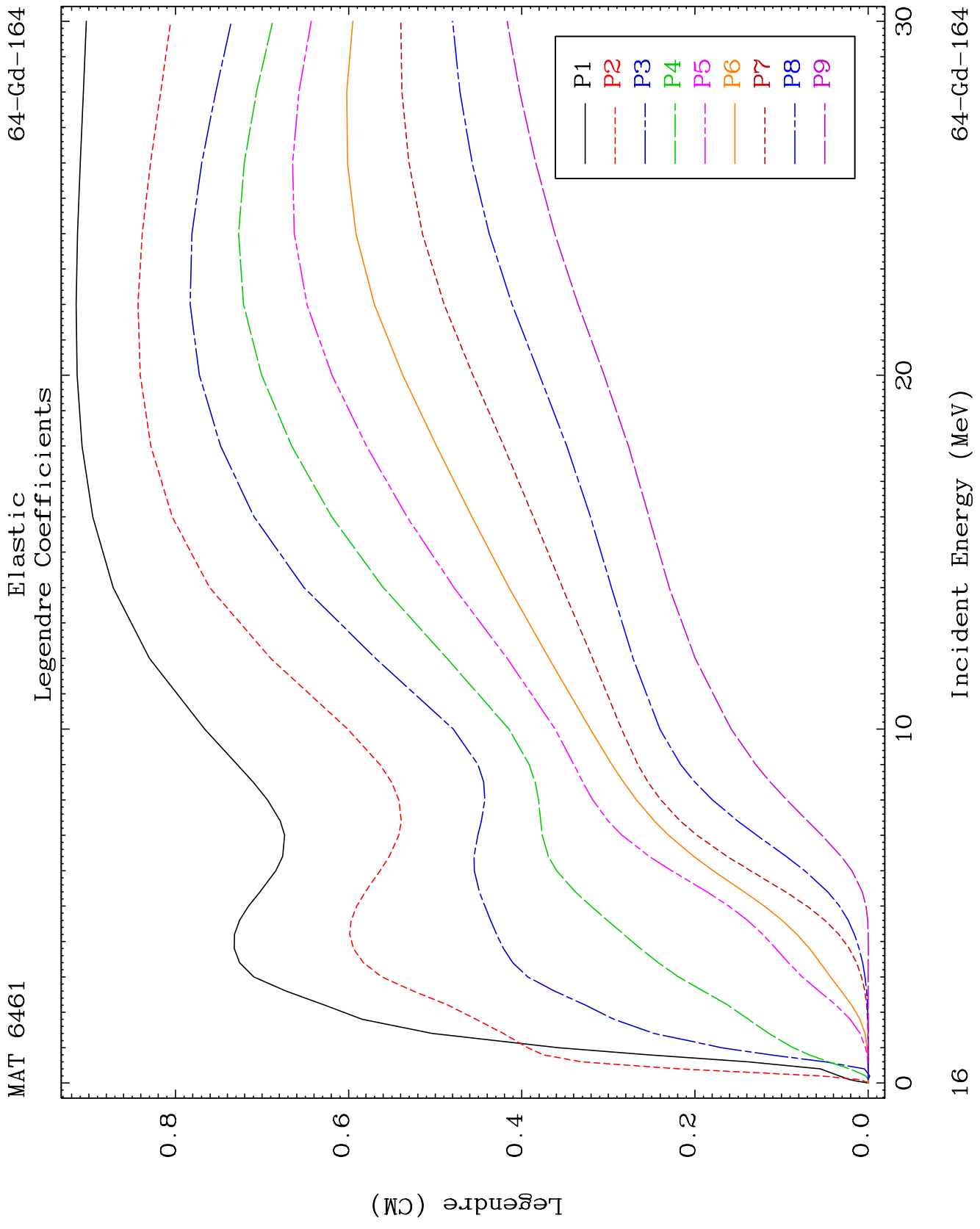
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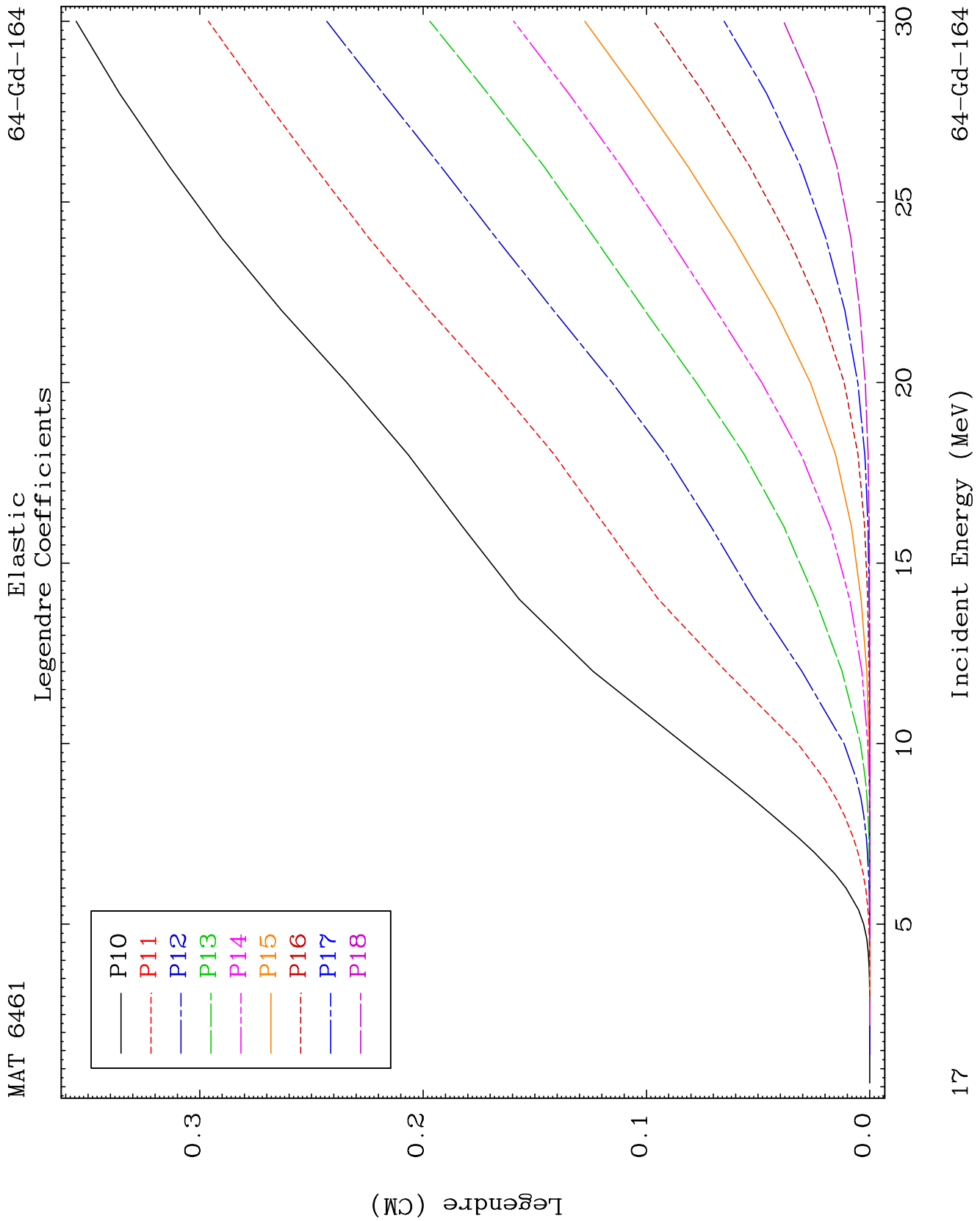


15

Incident Energy (MeV)

64-Gd-164

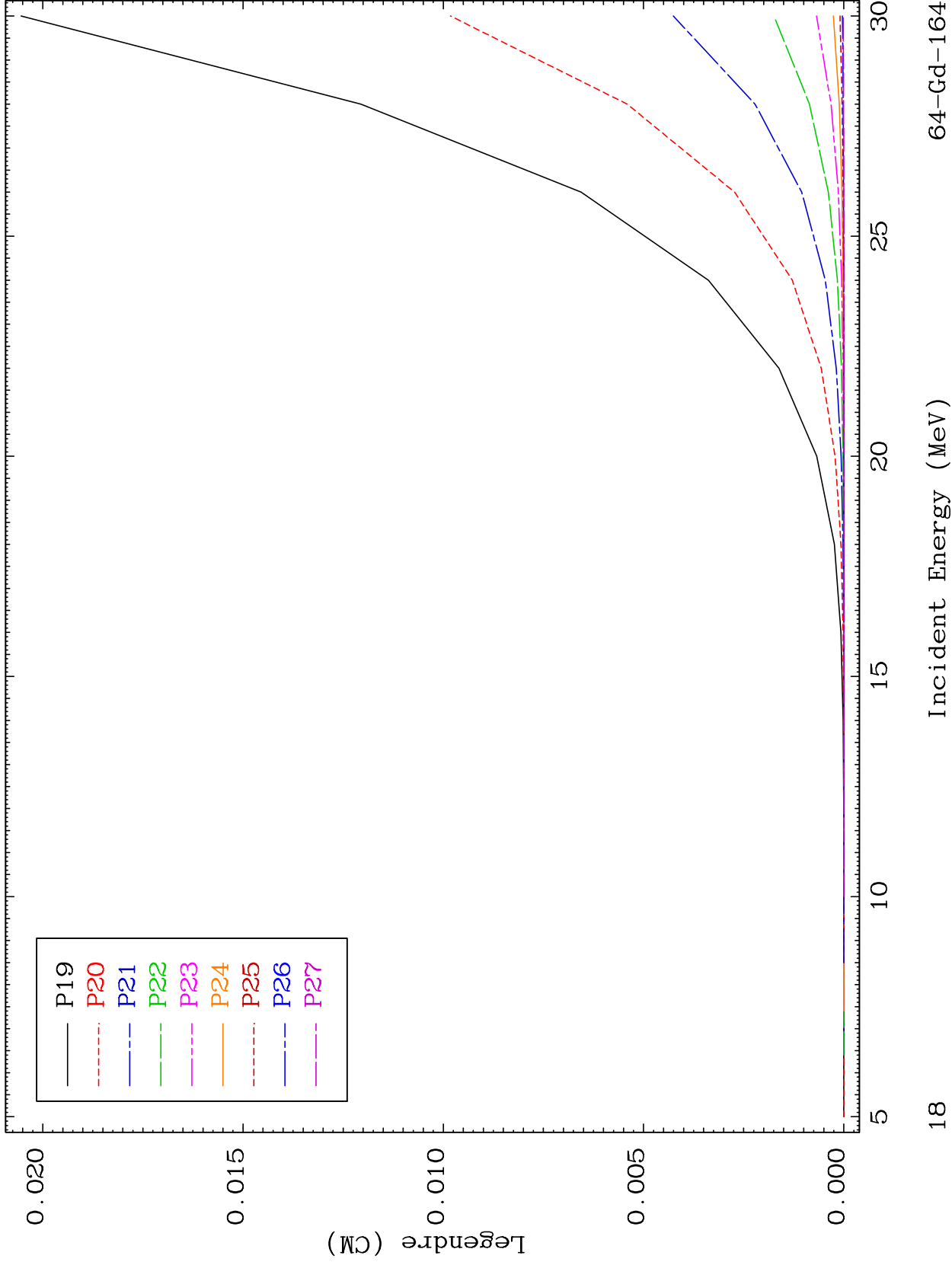




MAT 6461

Elastic
Legendre Coefficients

64-Gd-164



18

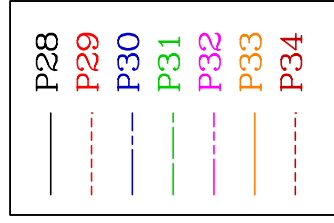
Incident Energy (MeV)

64-Gd-164

MAT 6461

Elastic
Legendre Coefficients

64-Gd-164



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

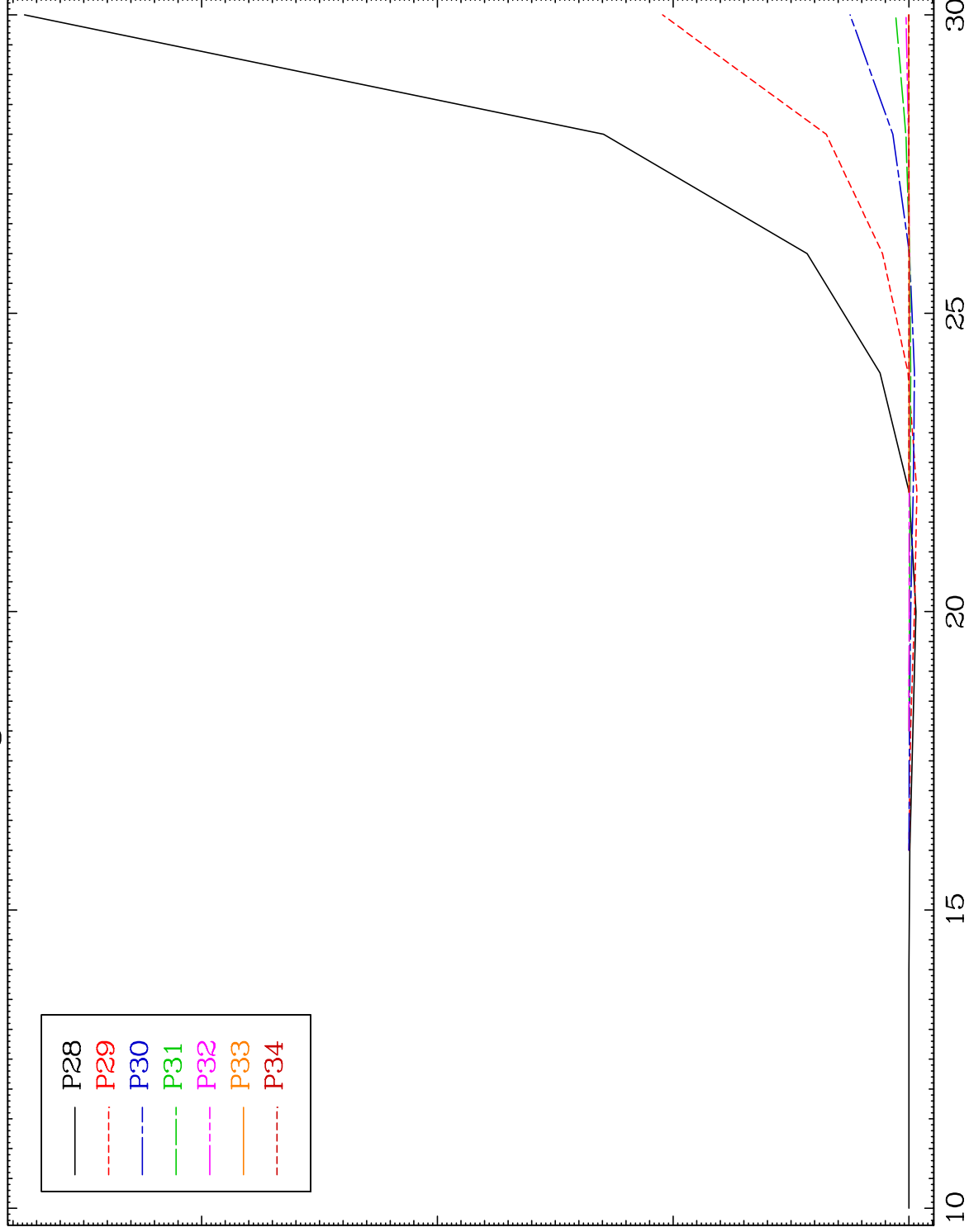
25

30

19

Incident Energy (MeV)

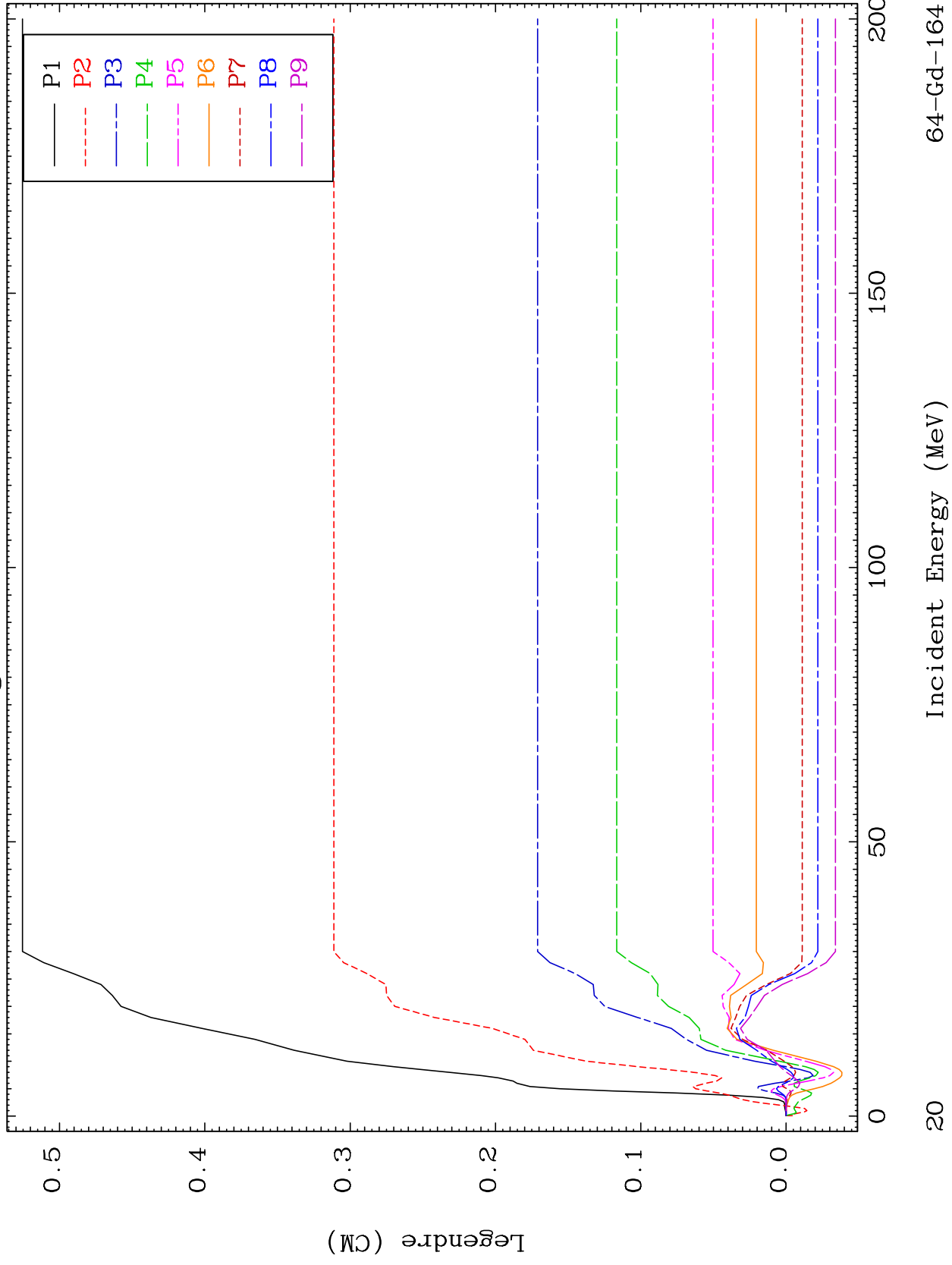
64-Gd-164



MAT 6461

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

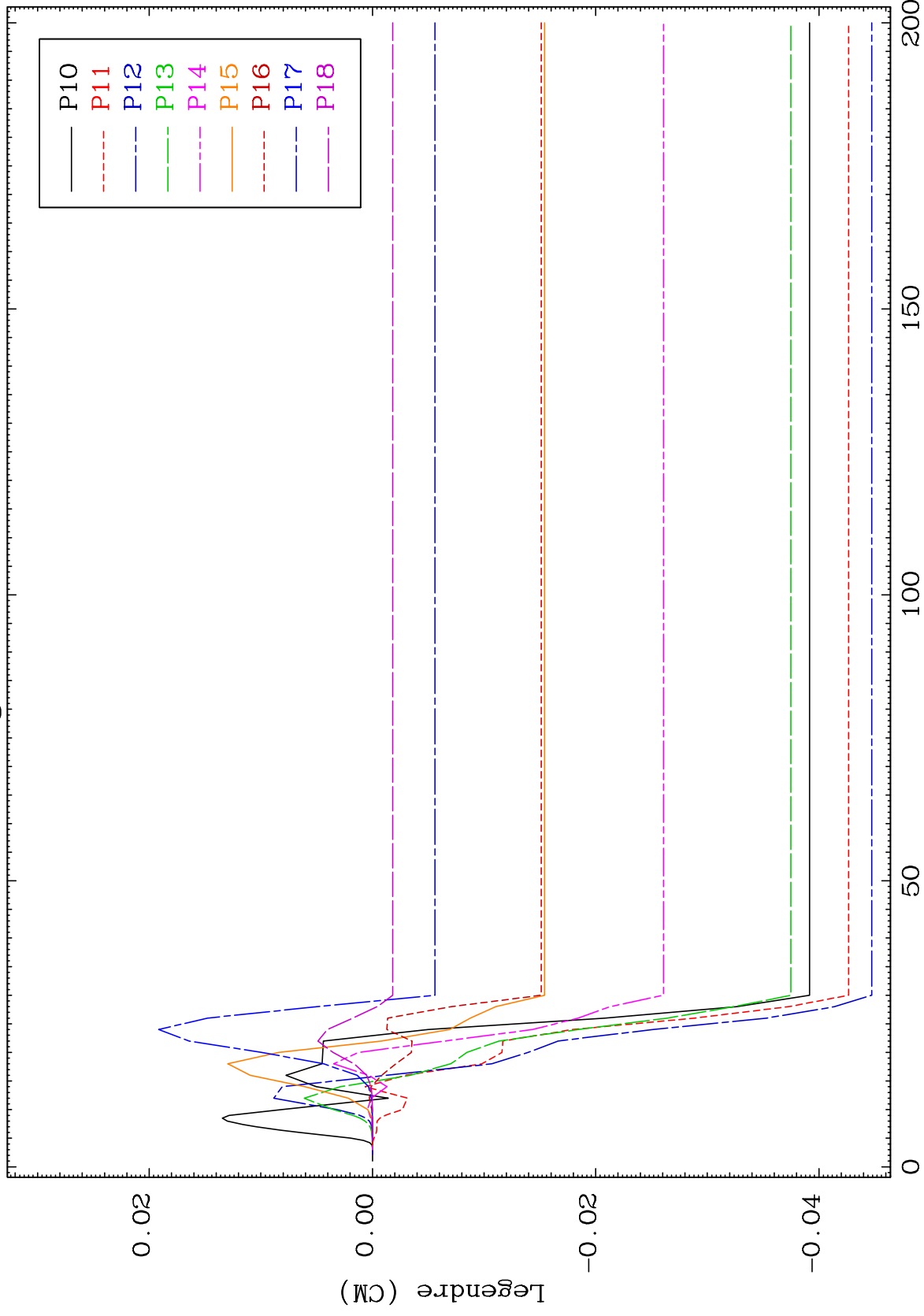
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MAT 6461

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

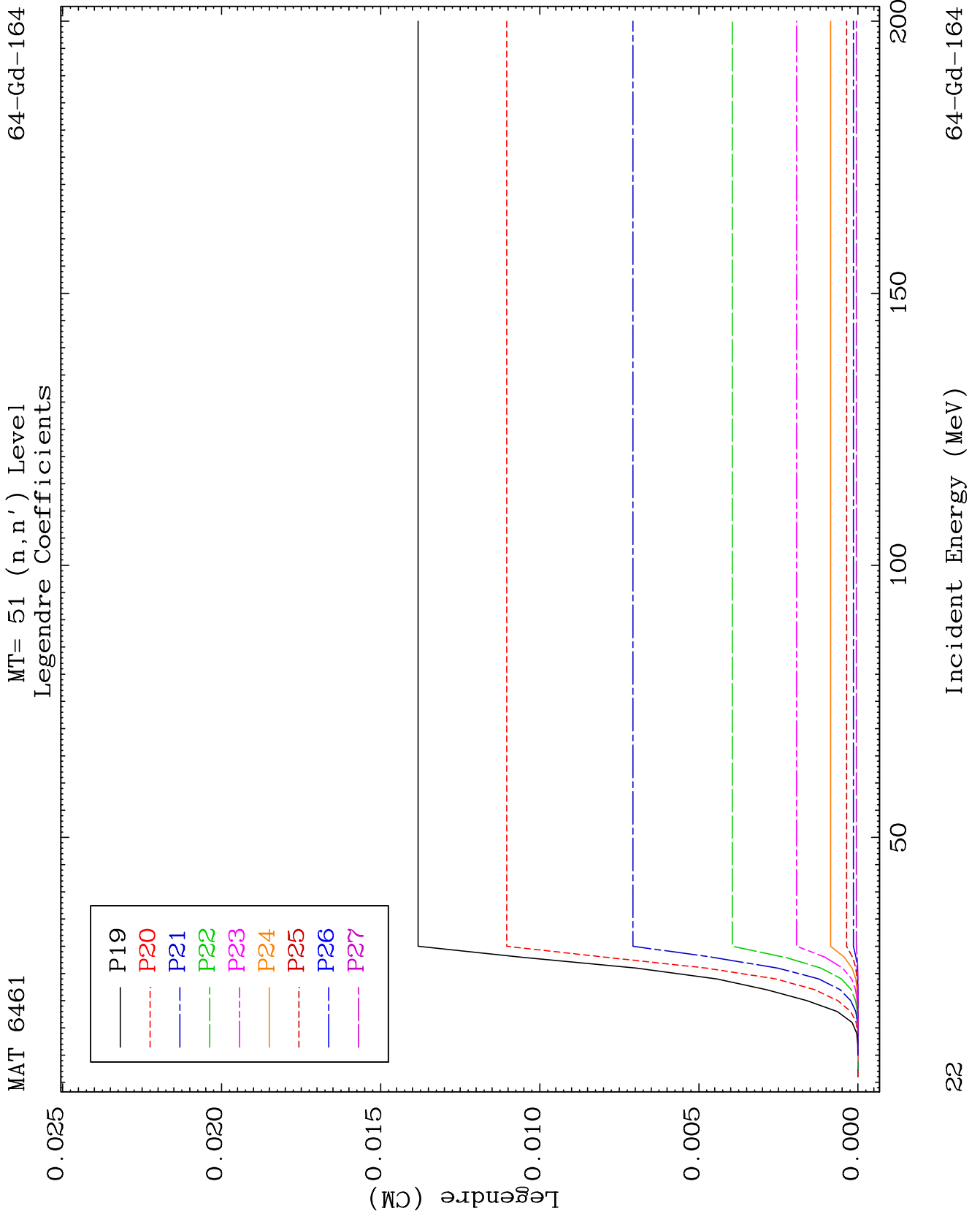
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21

Incident Energy (MeV)

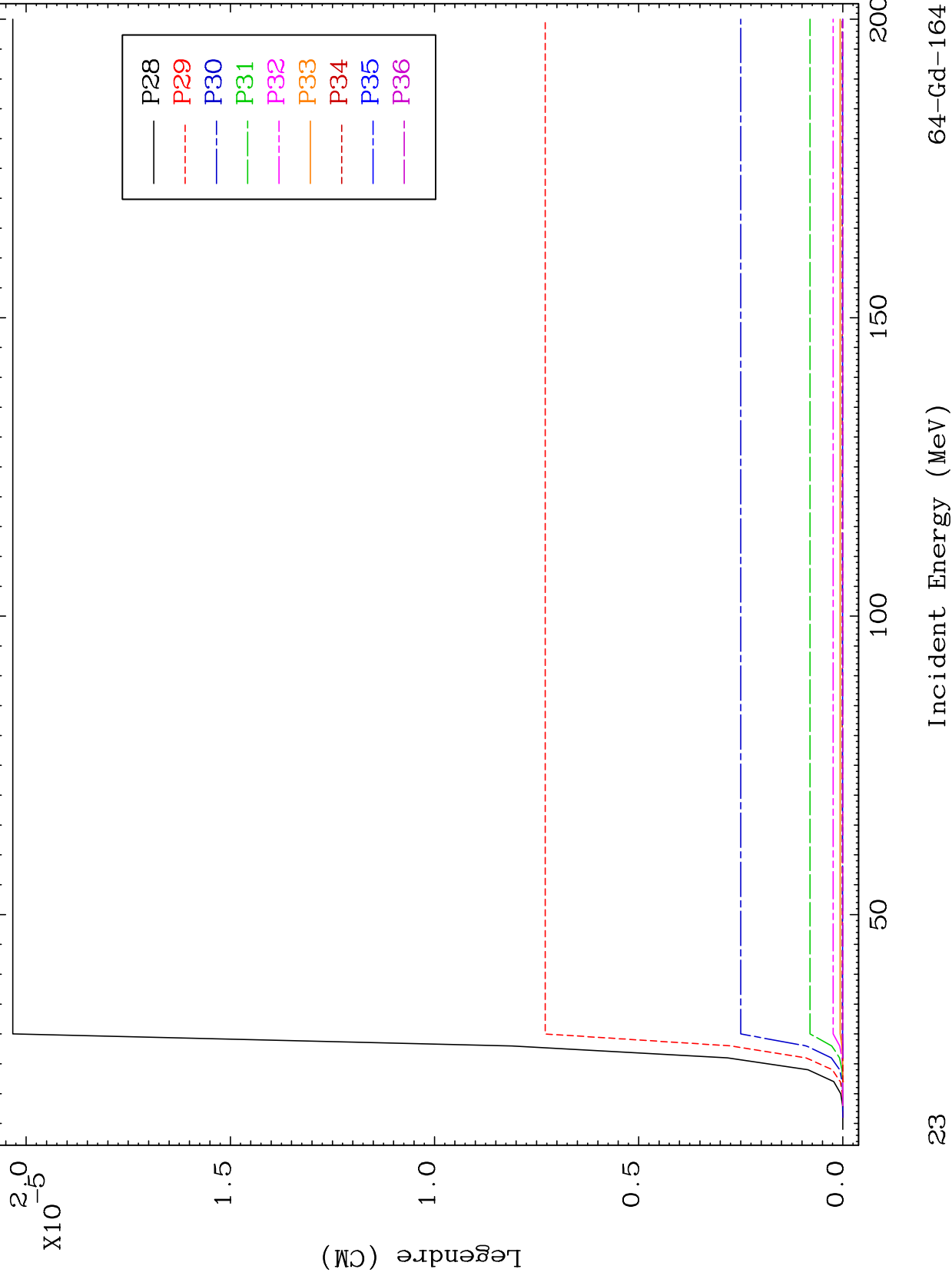
64-Gd-164



MAT 6461

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

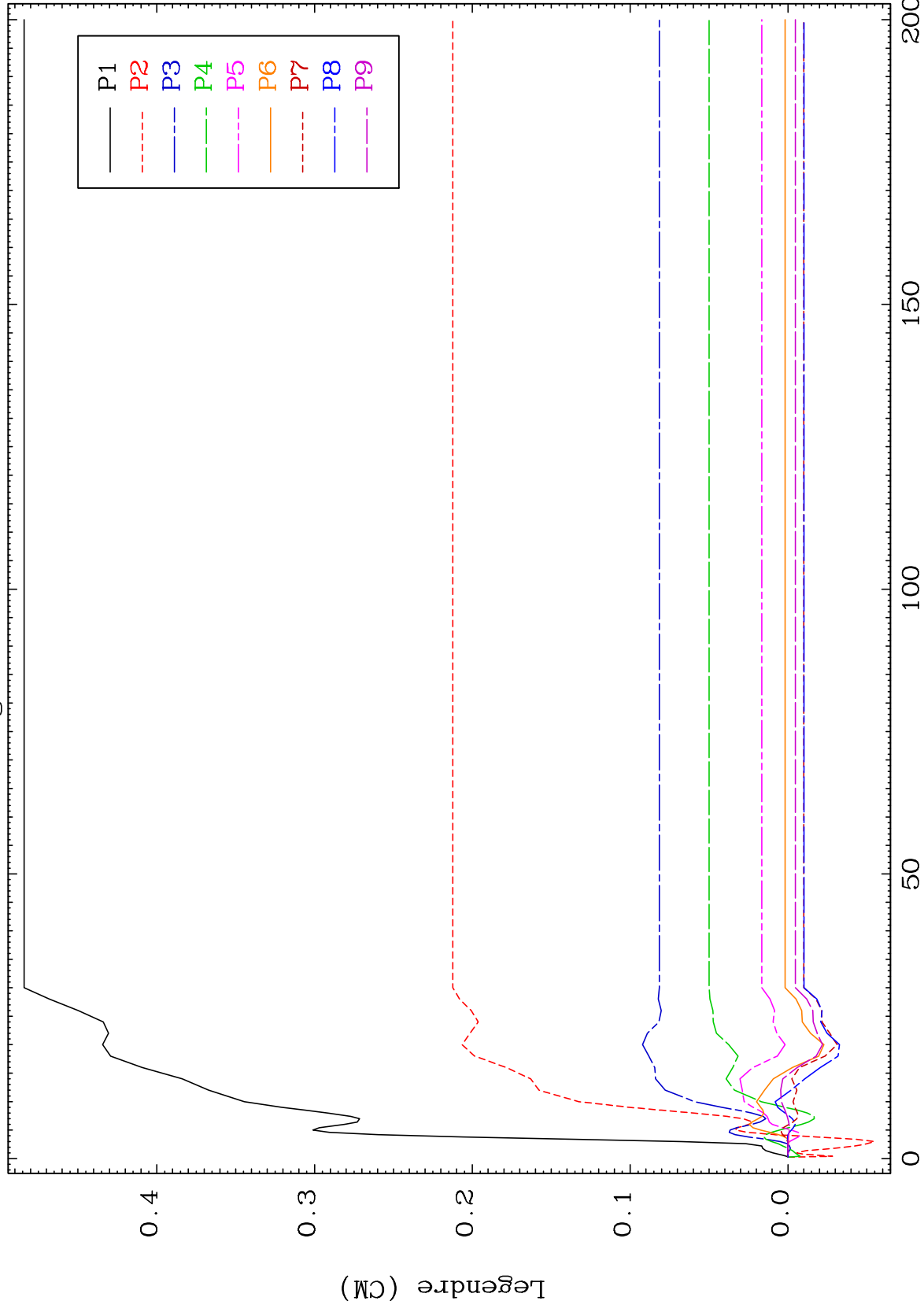
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MAT 6461

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

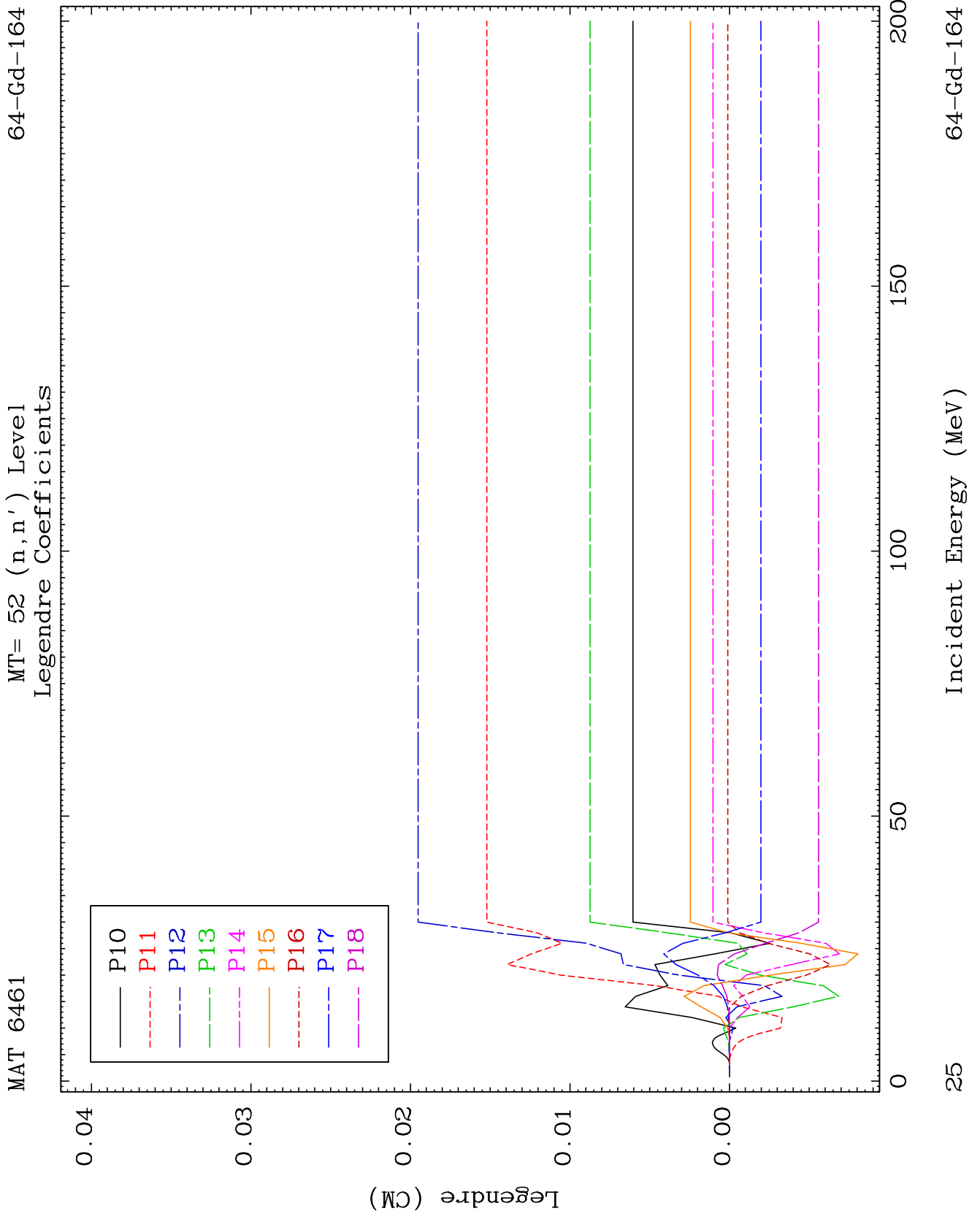
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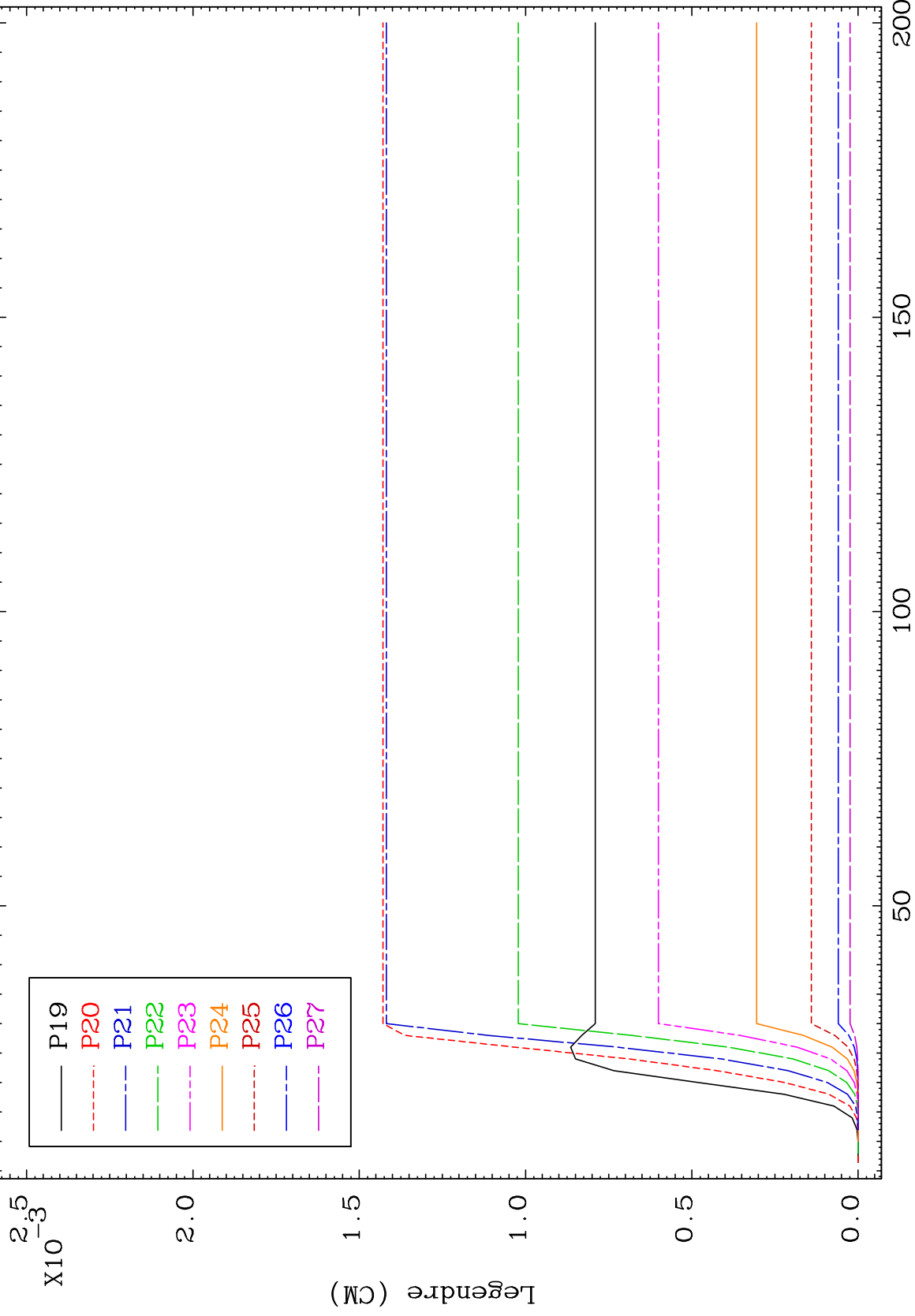


24

Incident Energy (MeV)

64-Gd-164

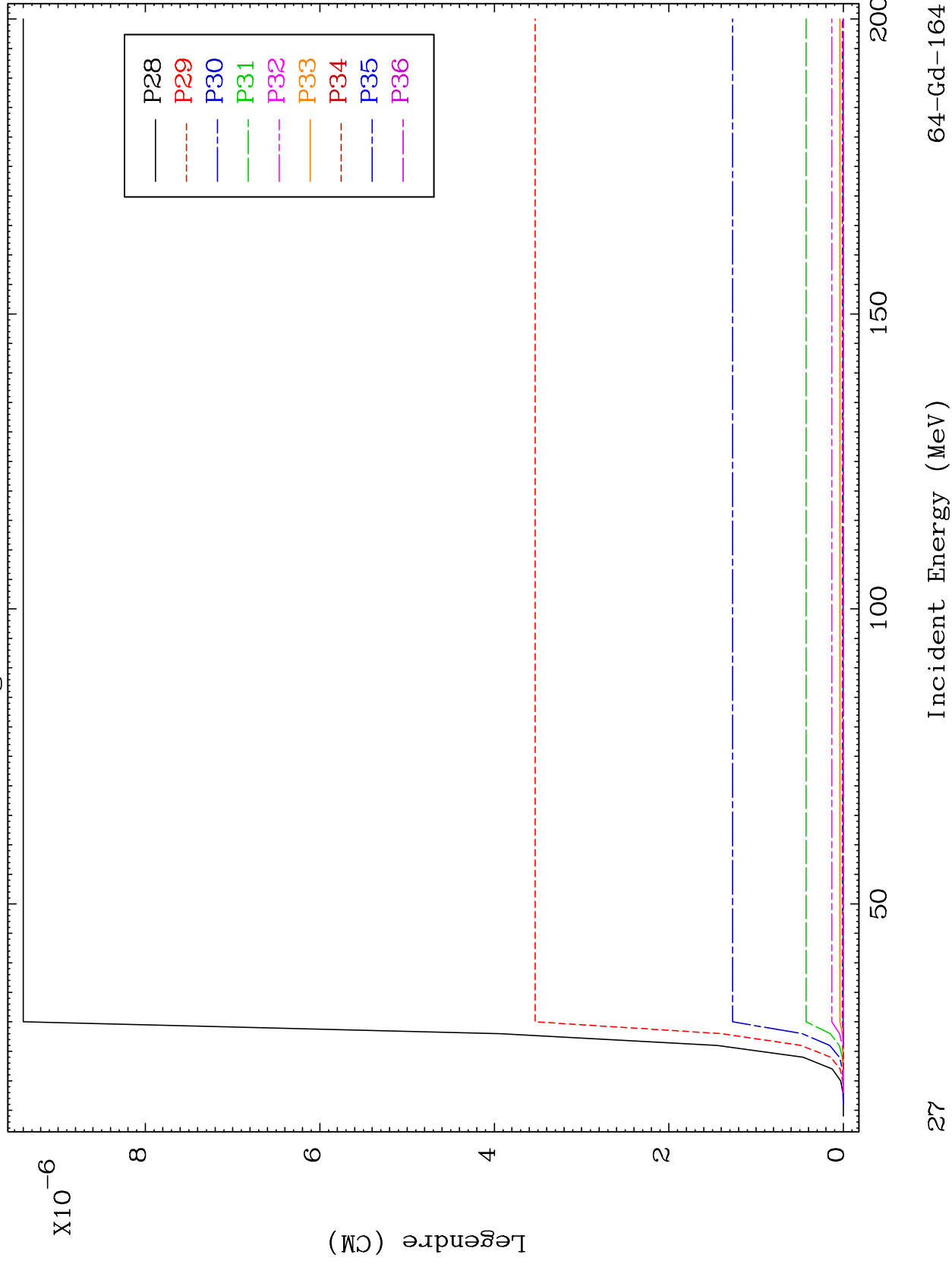




MAT 6461

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

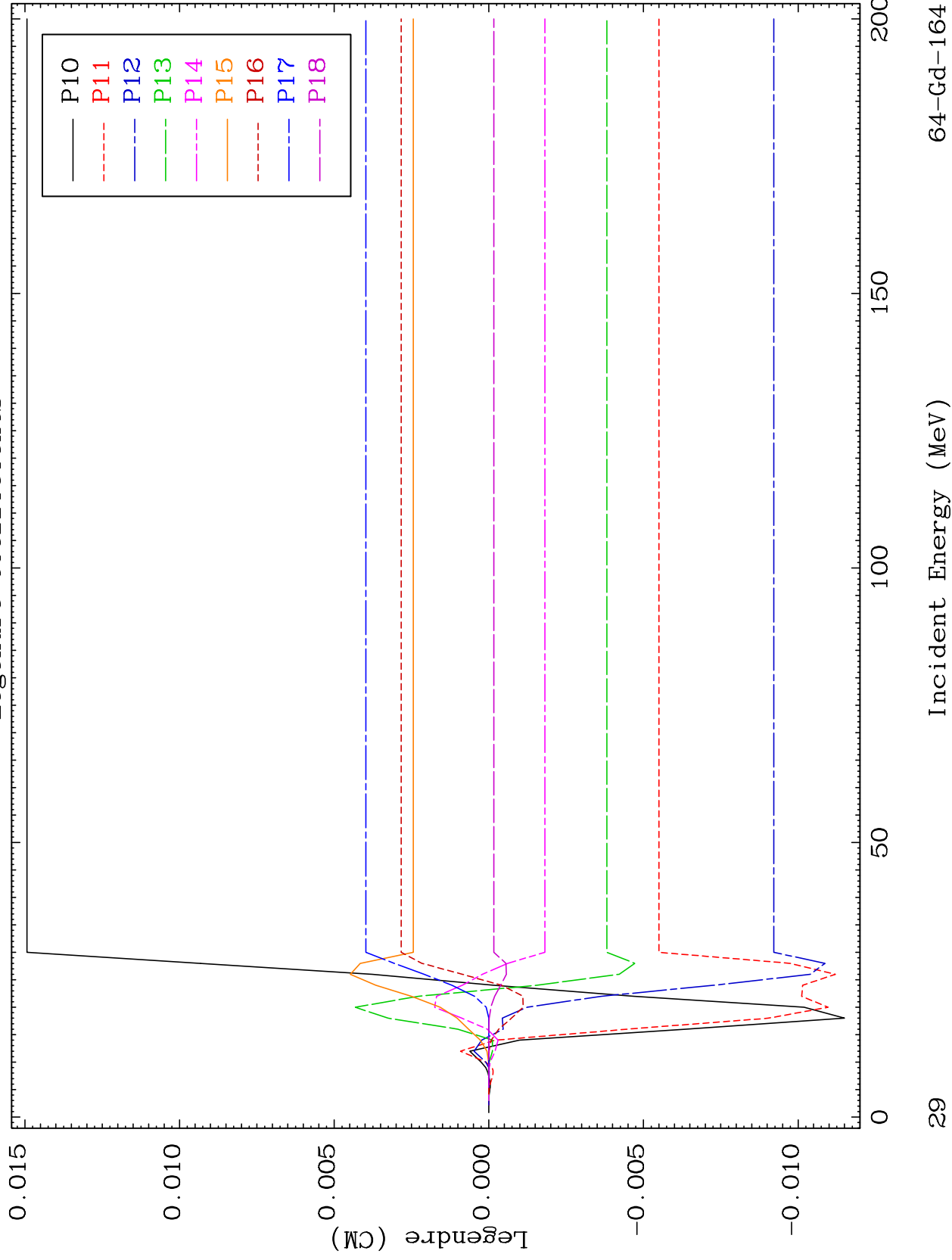
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MAT 6461

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

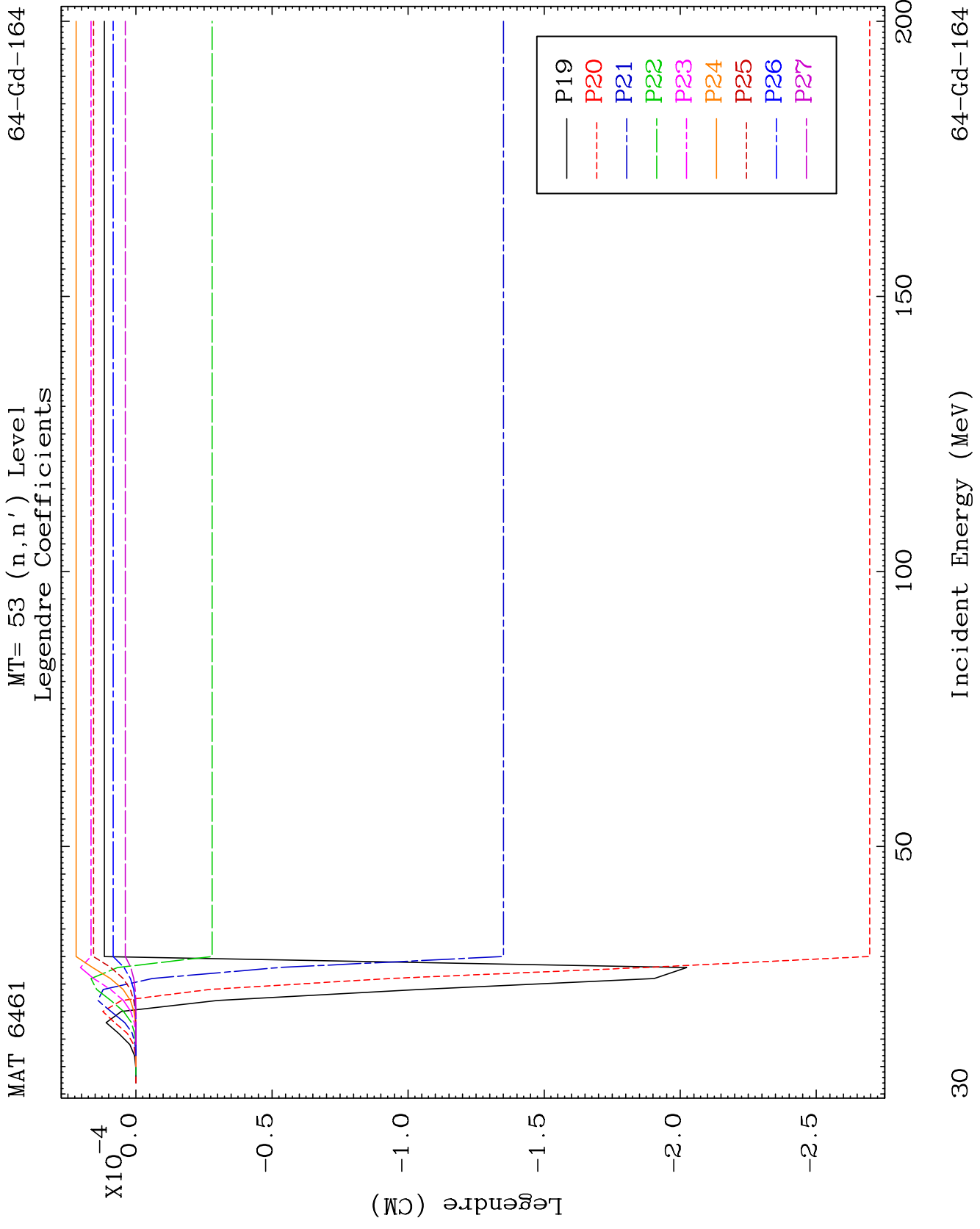
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29

Incident Energy (MeV)

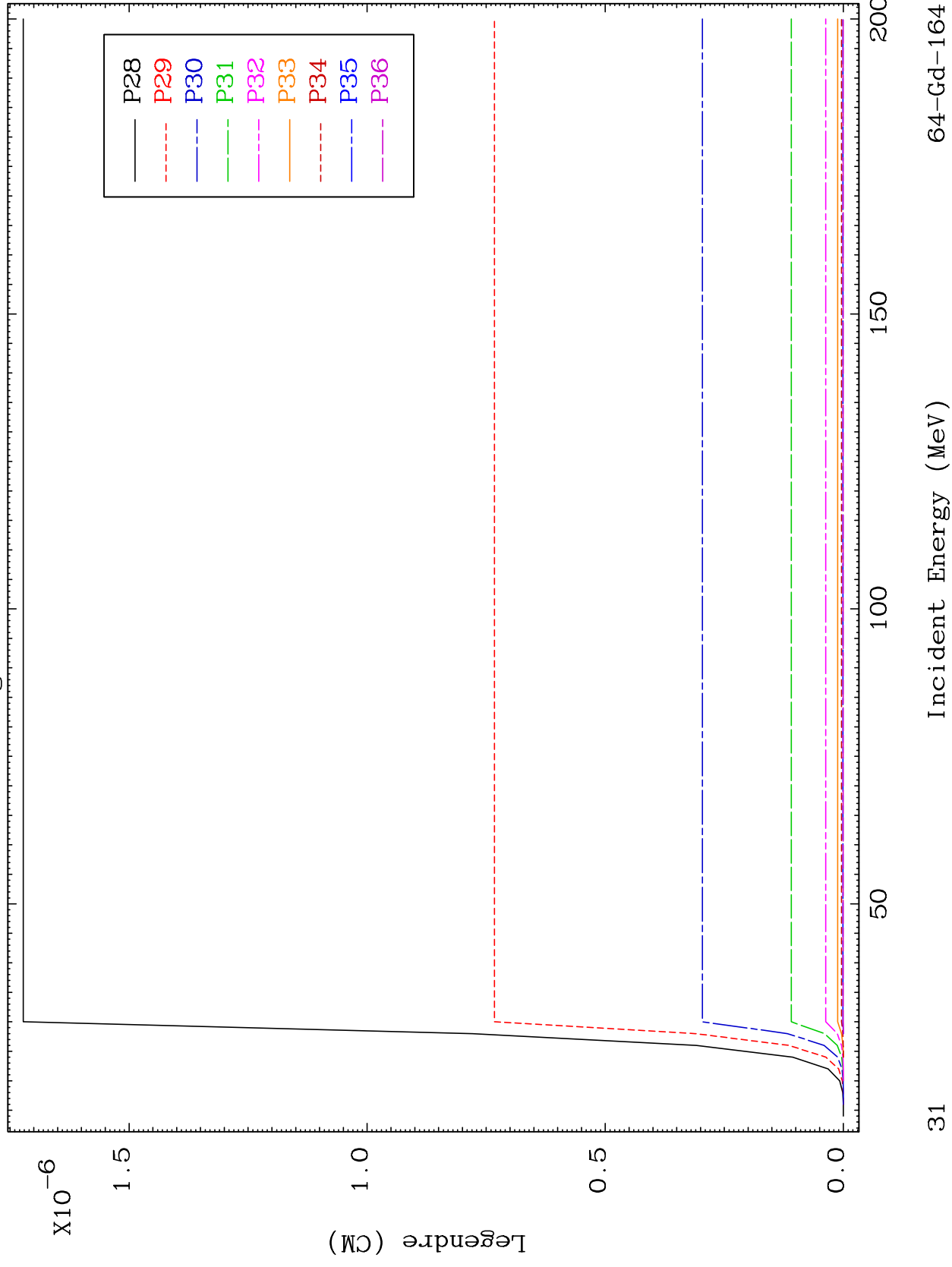
64-Gd-164



MAT 6461

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

64-Gd-164



31

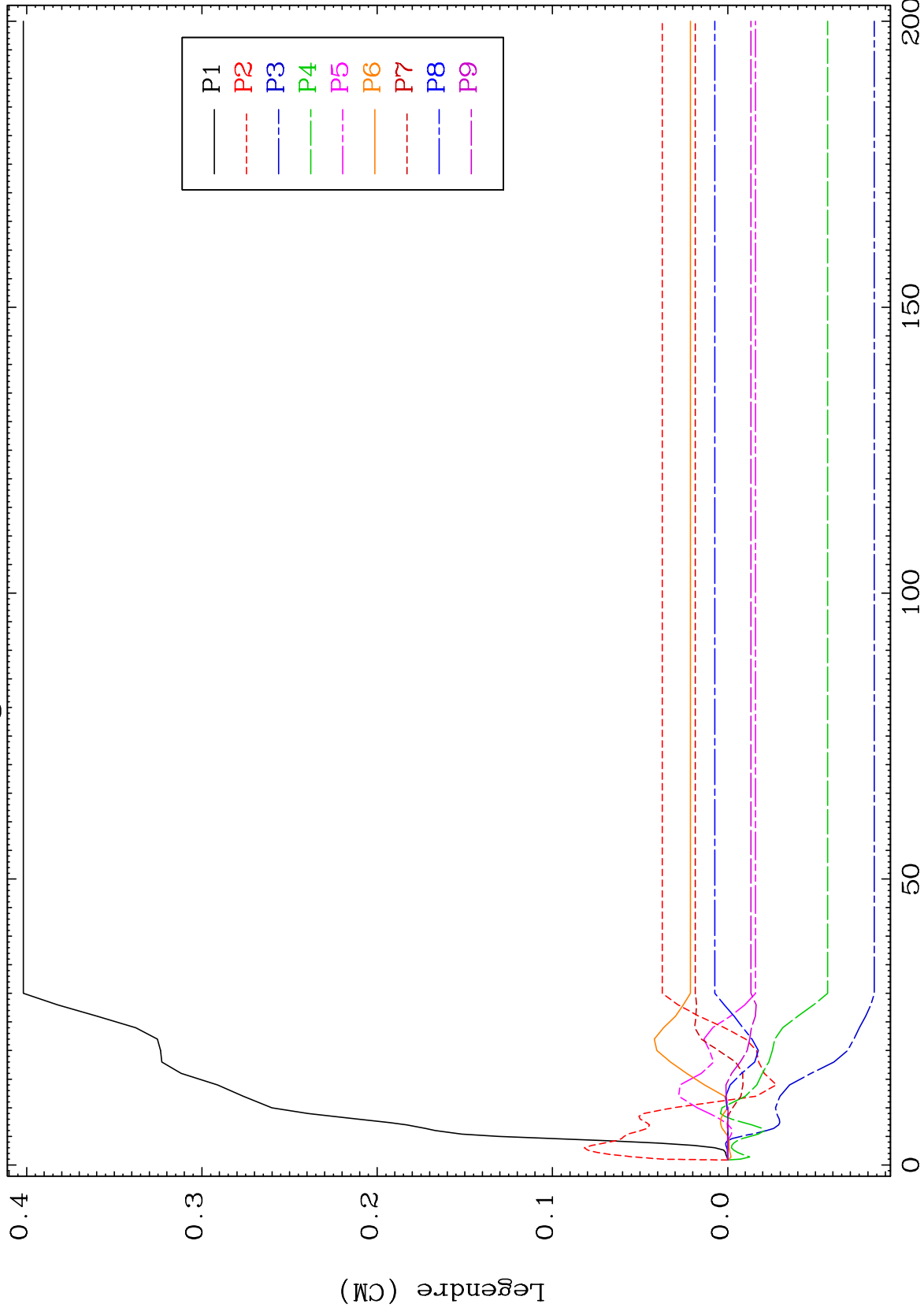
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



32

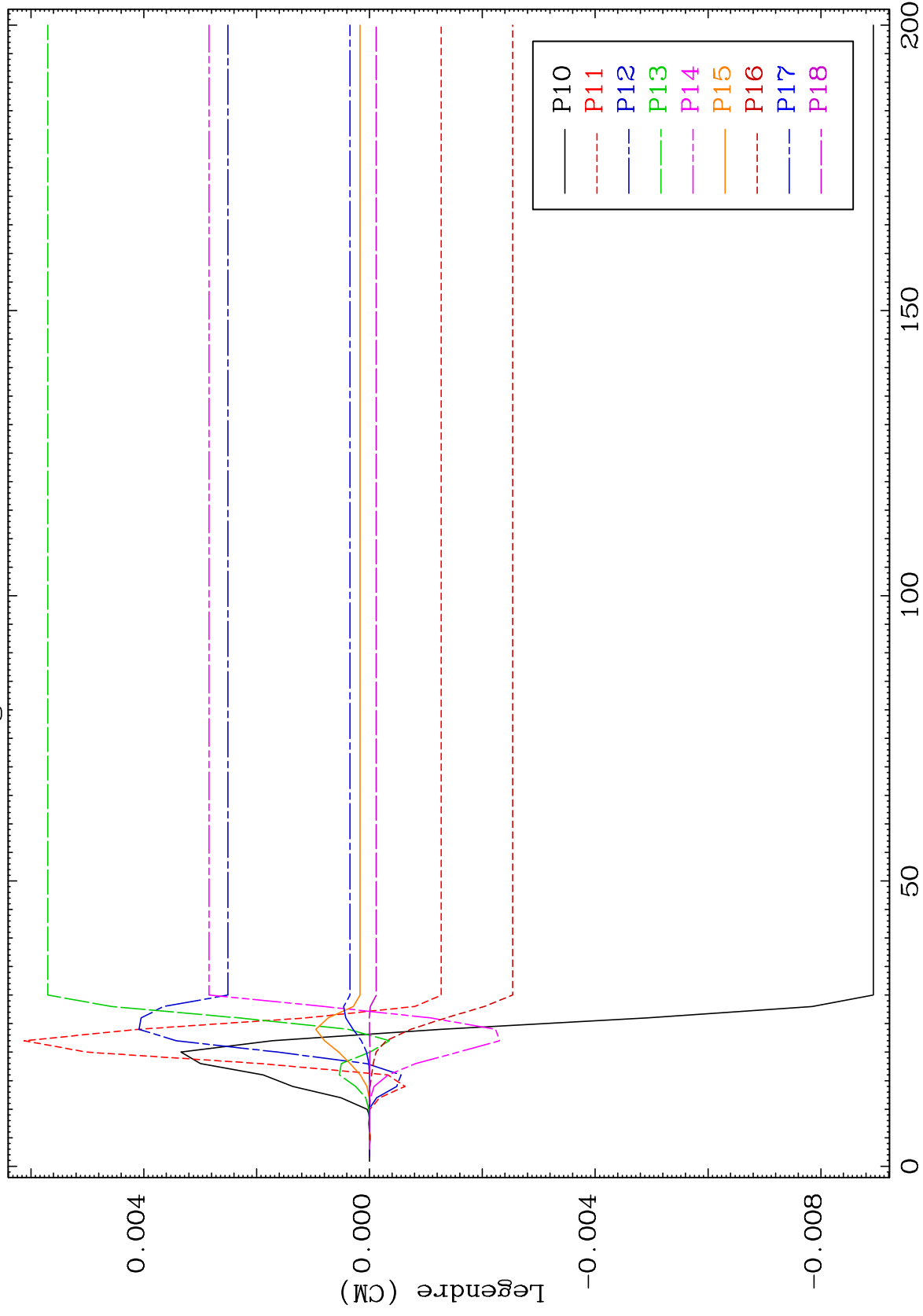
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



33

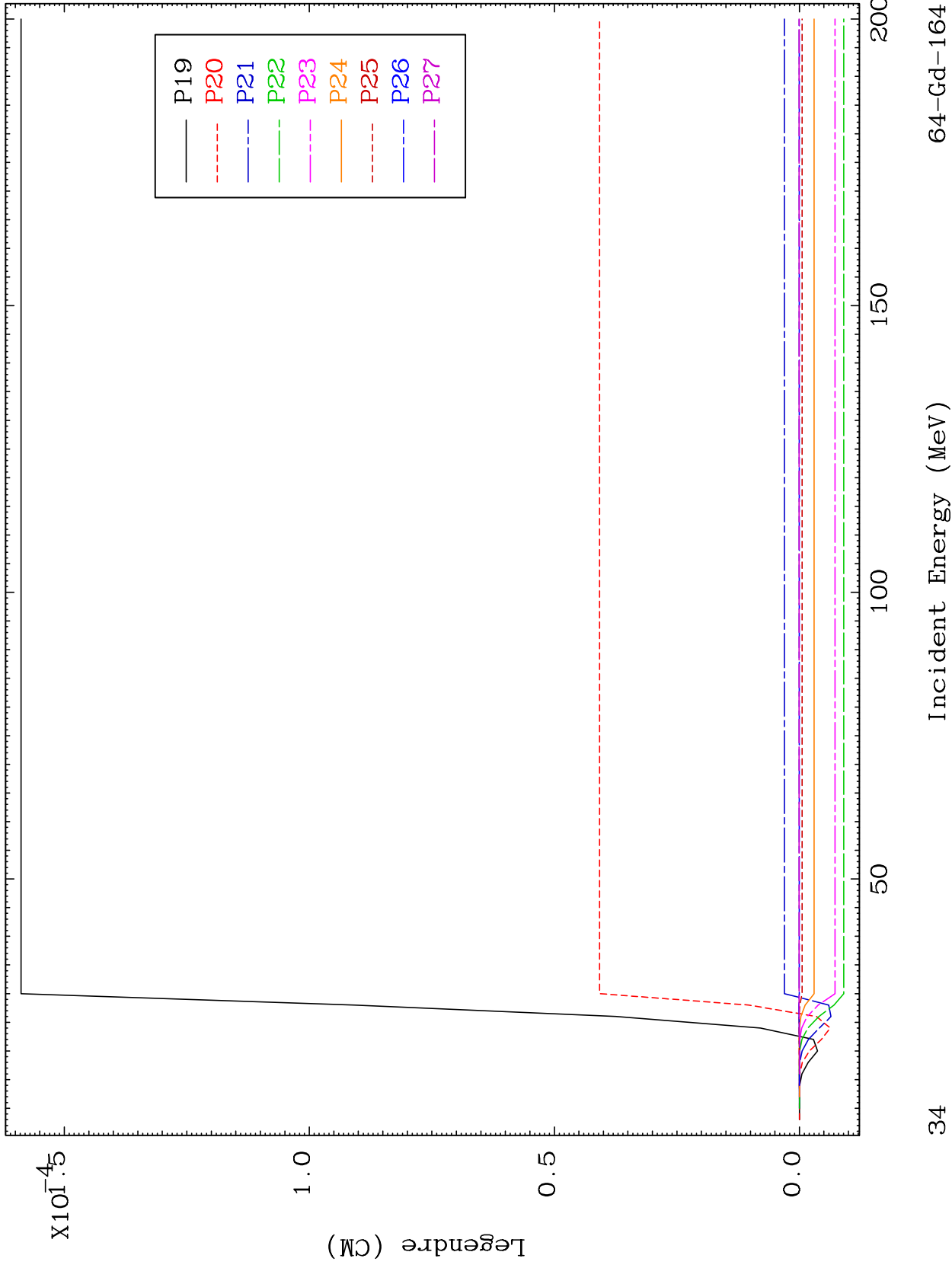
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

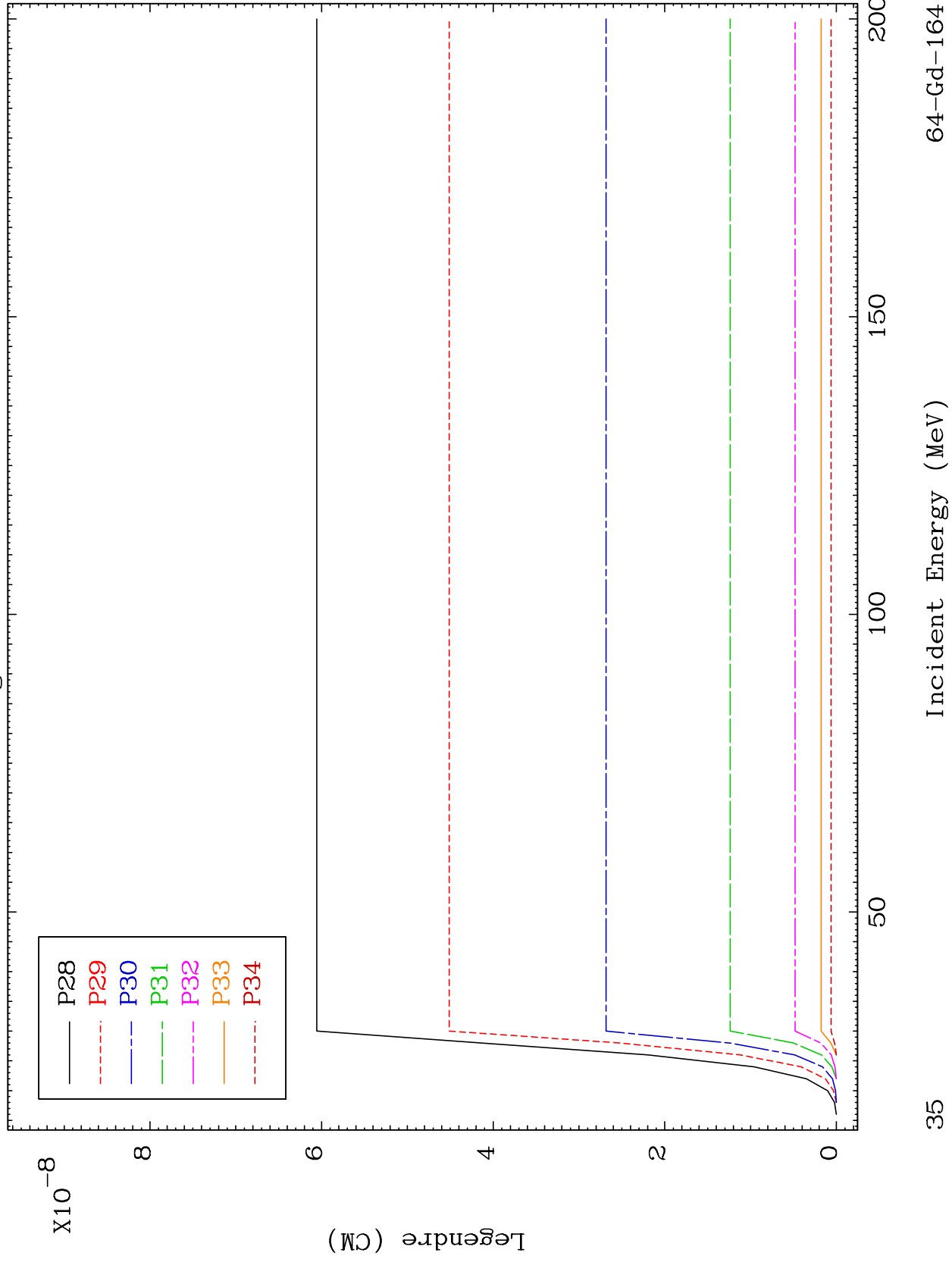


34

MAT 6461

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

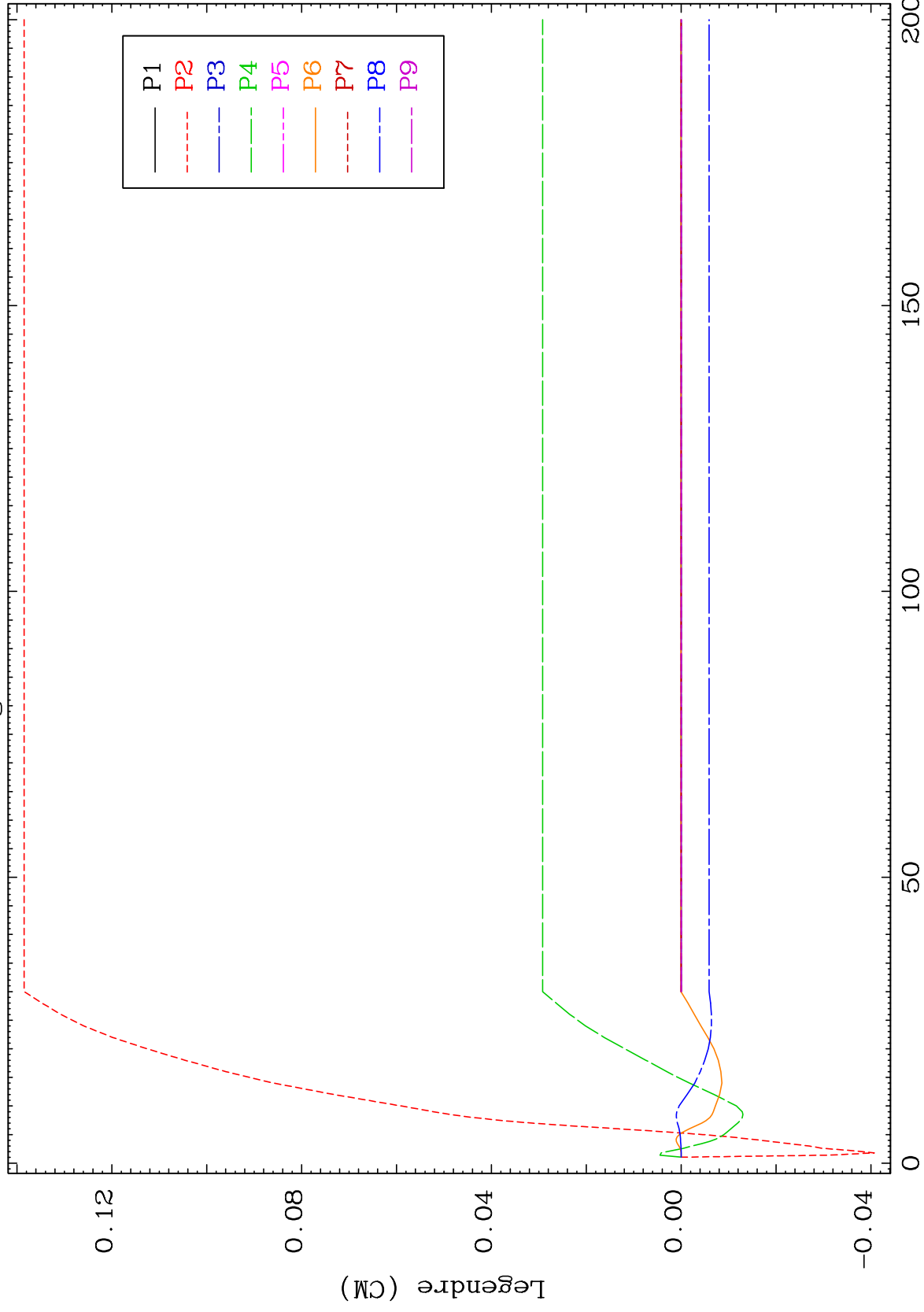
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

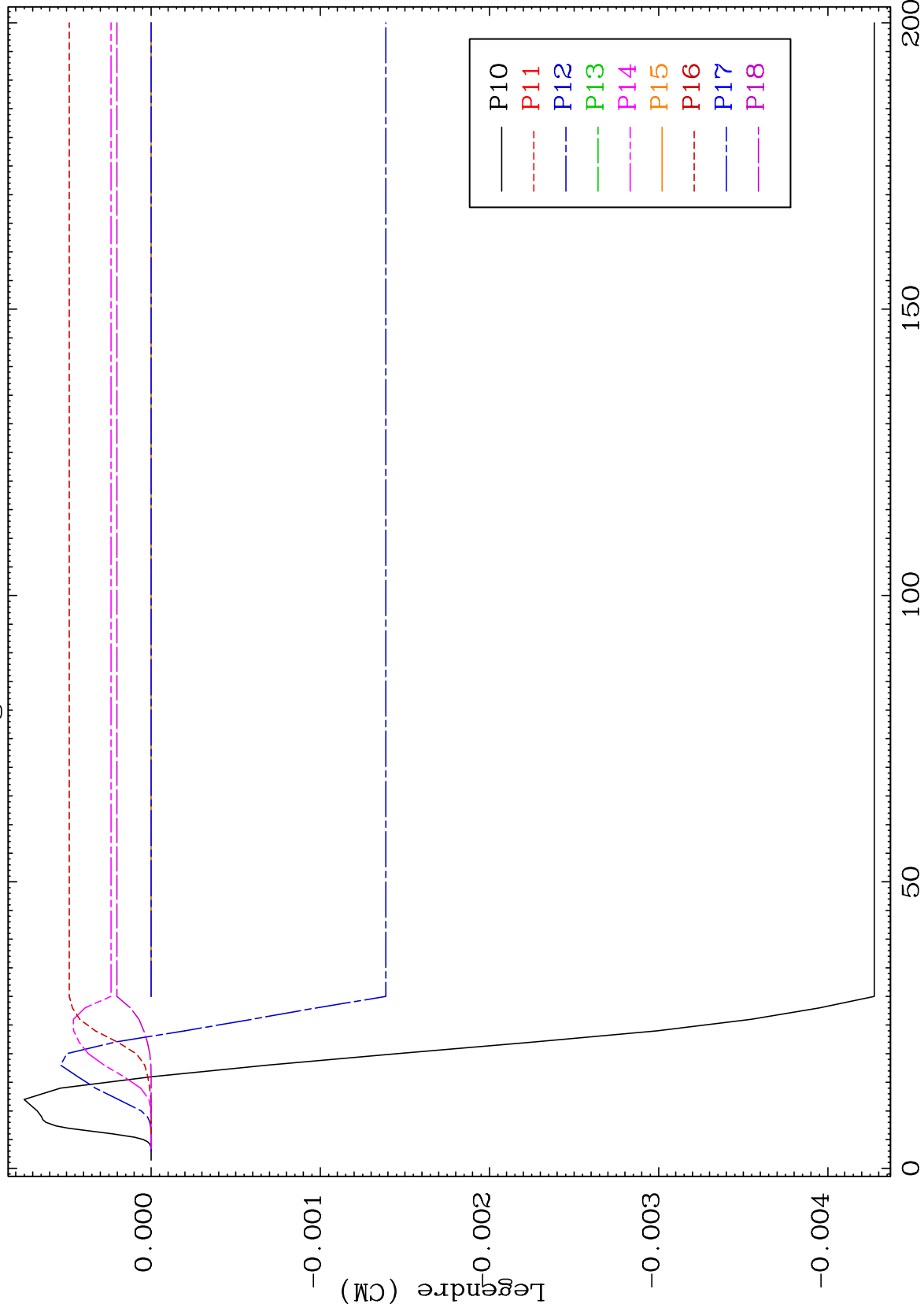
Incident Energy (MeV)

36

MAT 6461

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

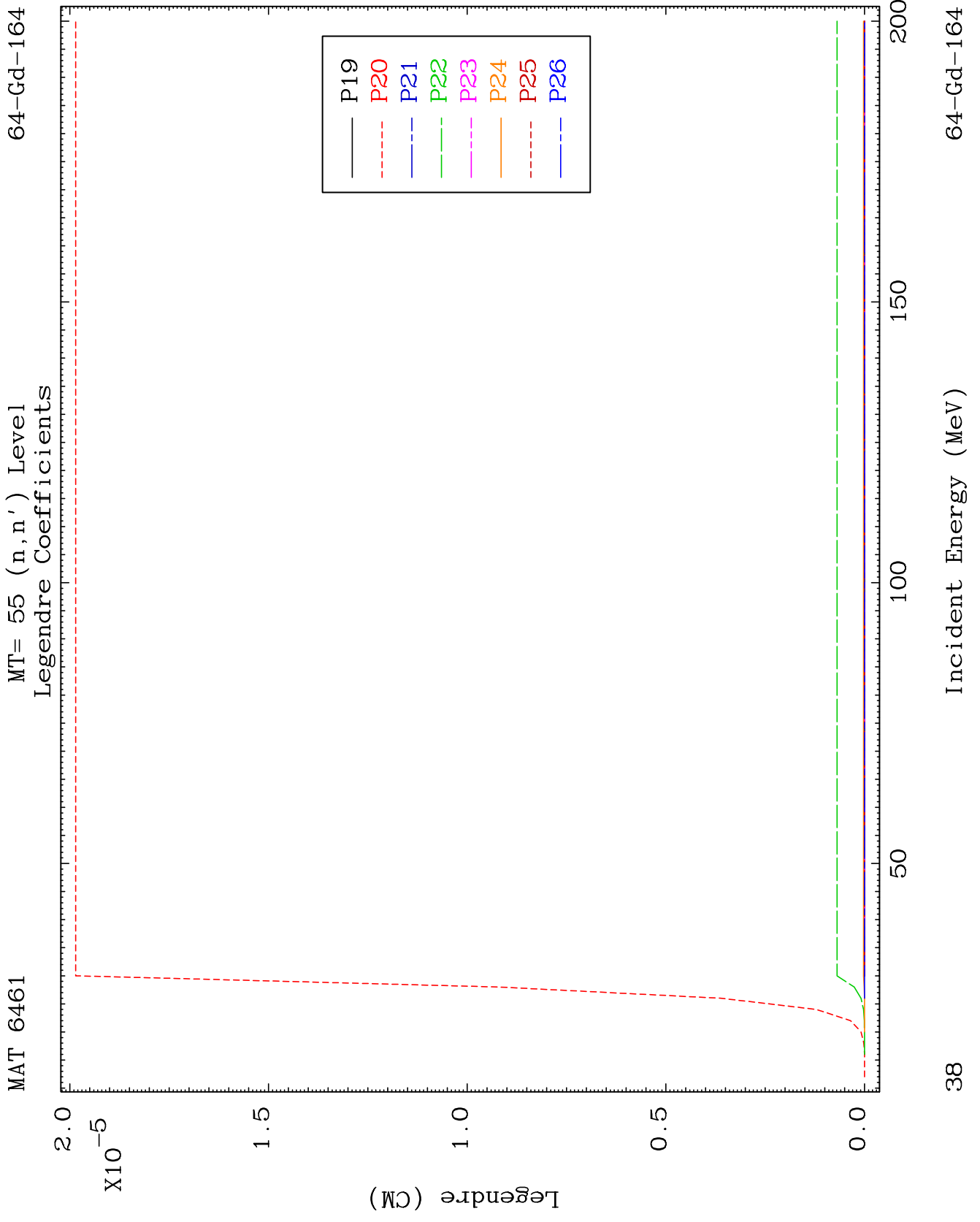
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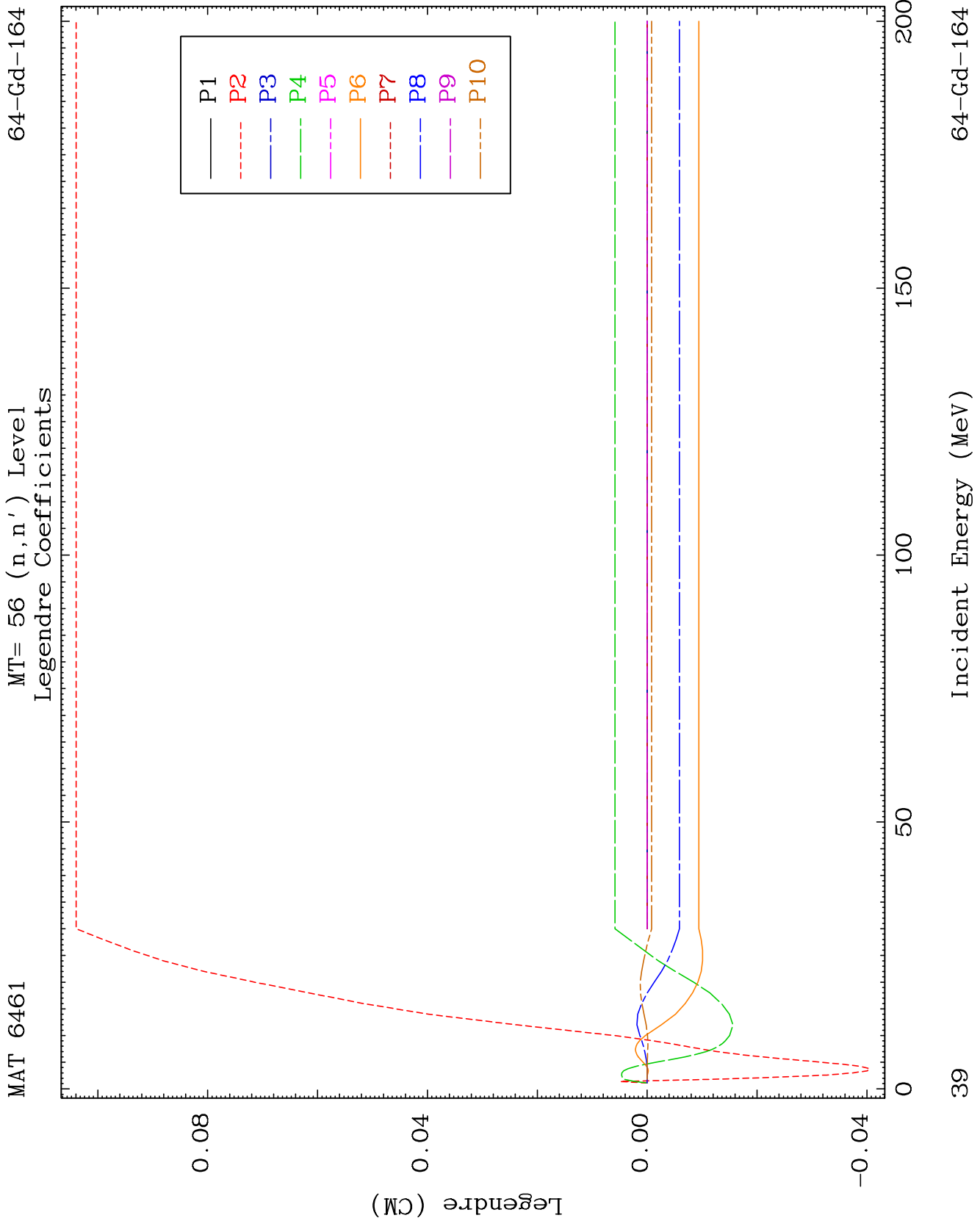


37

Incident Energy (MeV)

64-Gd-164

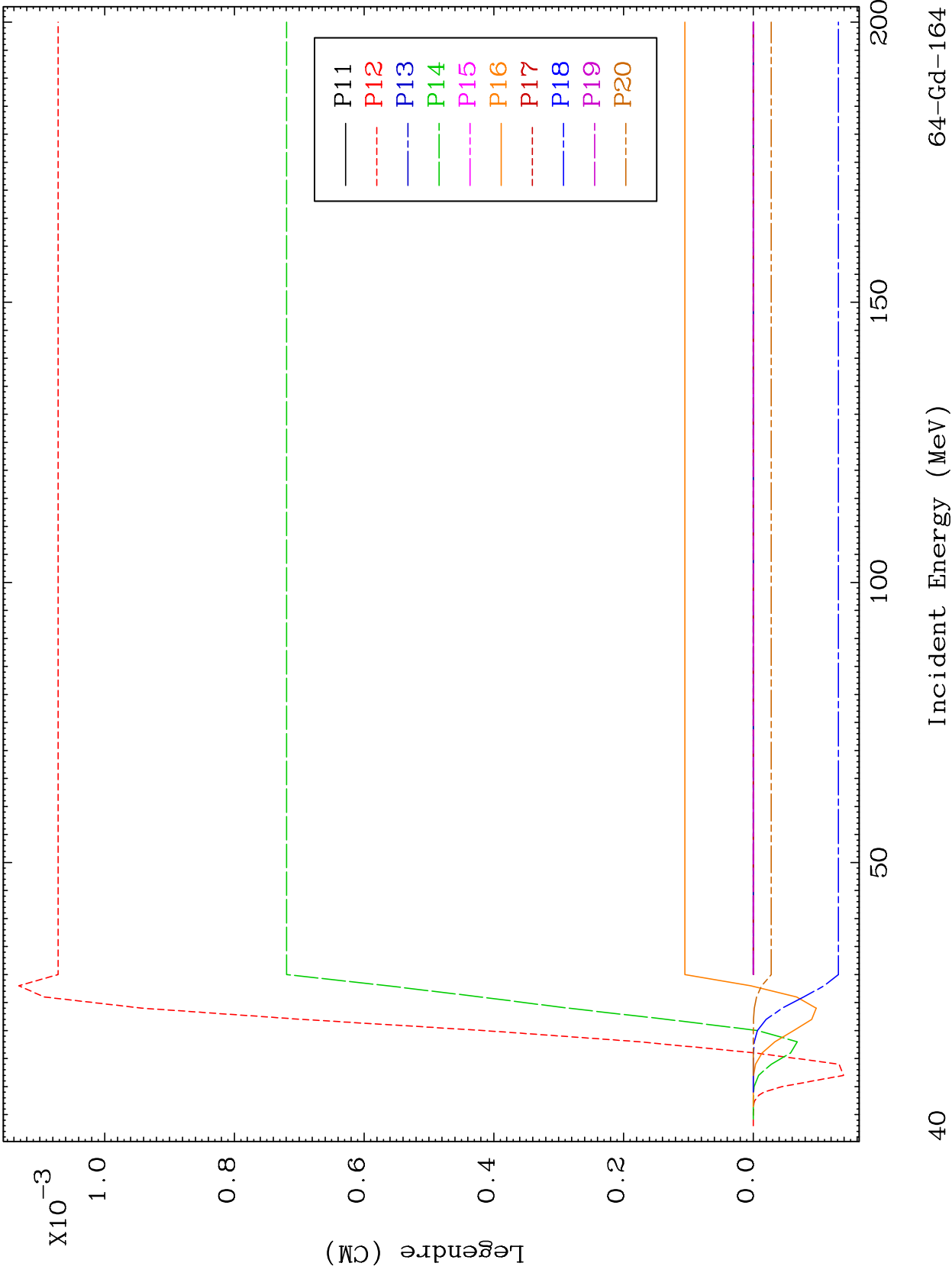




MAT 6461

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

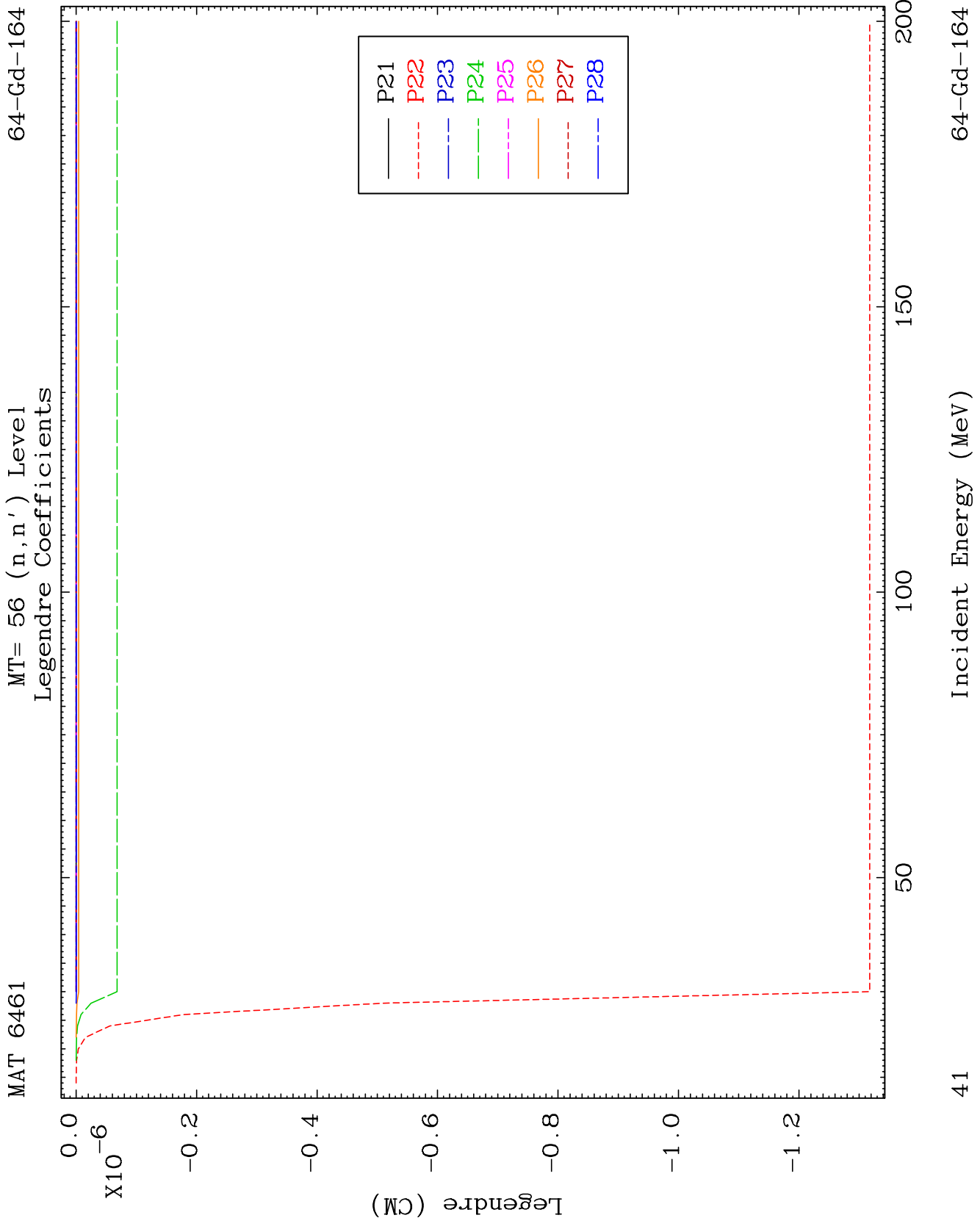
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40

Incident Energy (MeV)

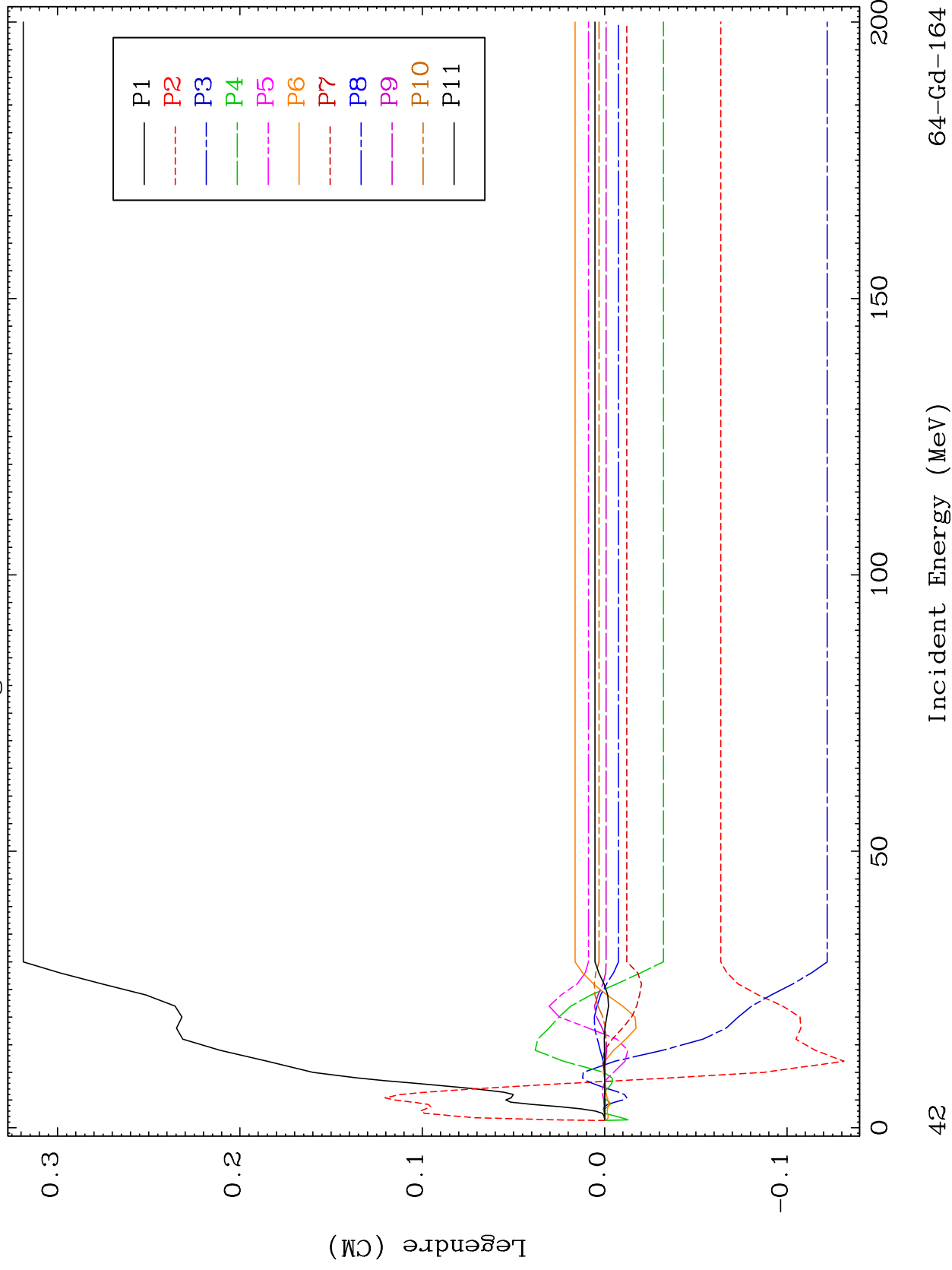
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MAT 6461

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

64-Gd-164

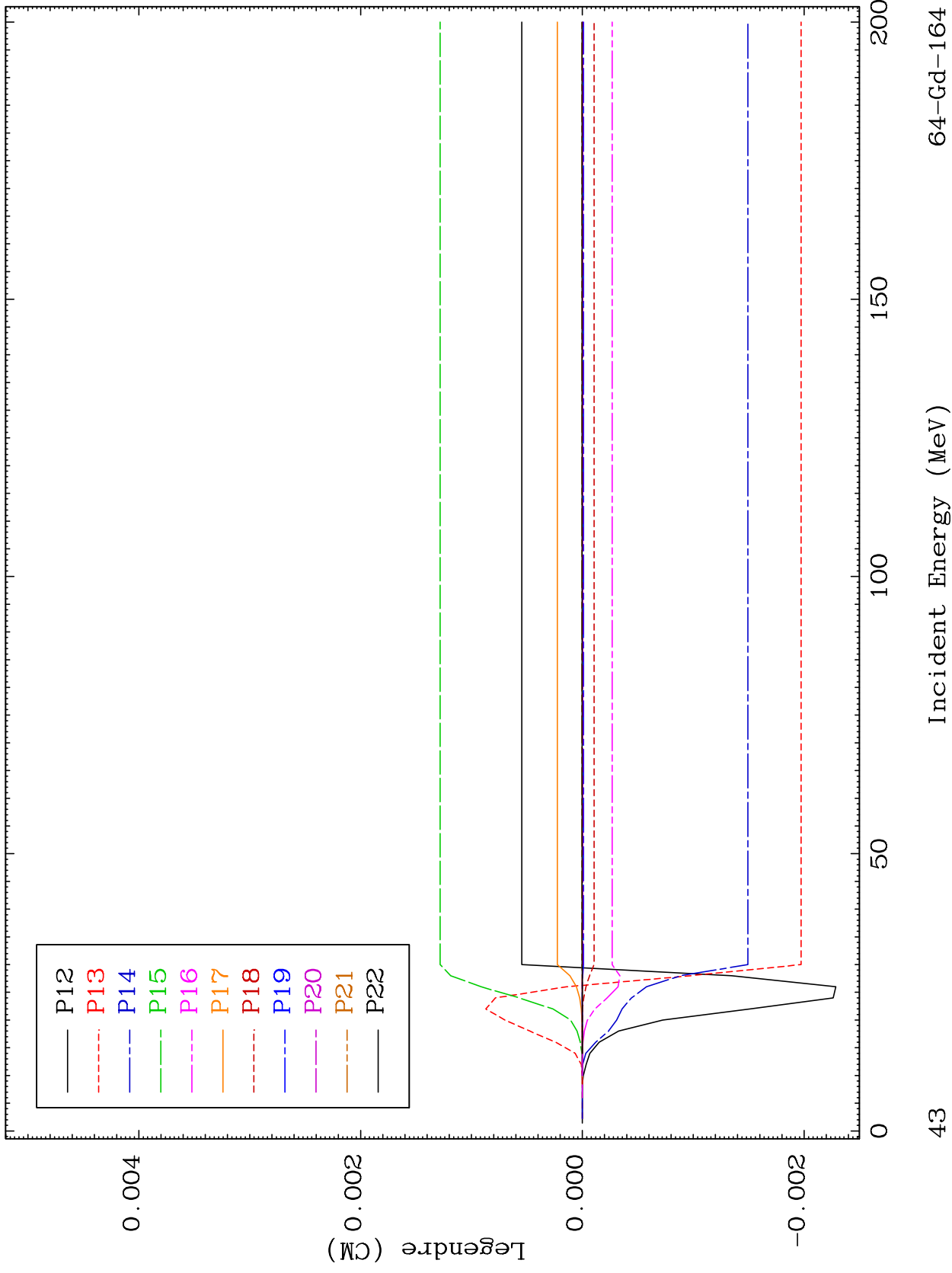


42

MAT 6461

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

64-Gd-164



43

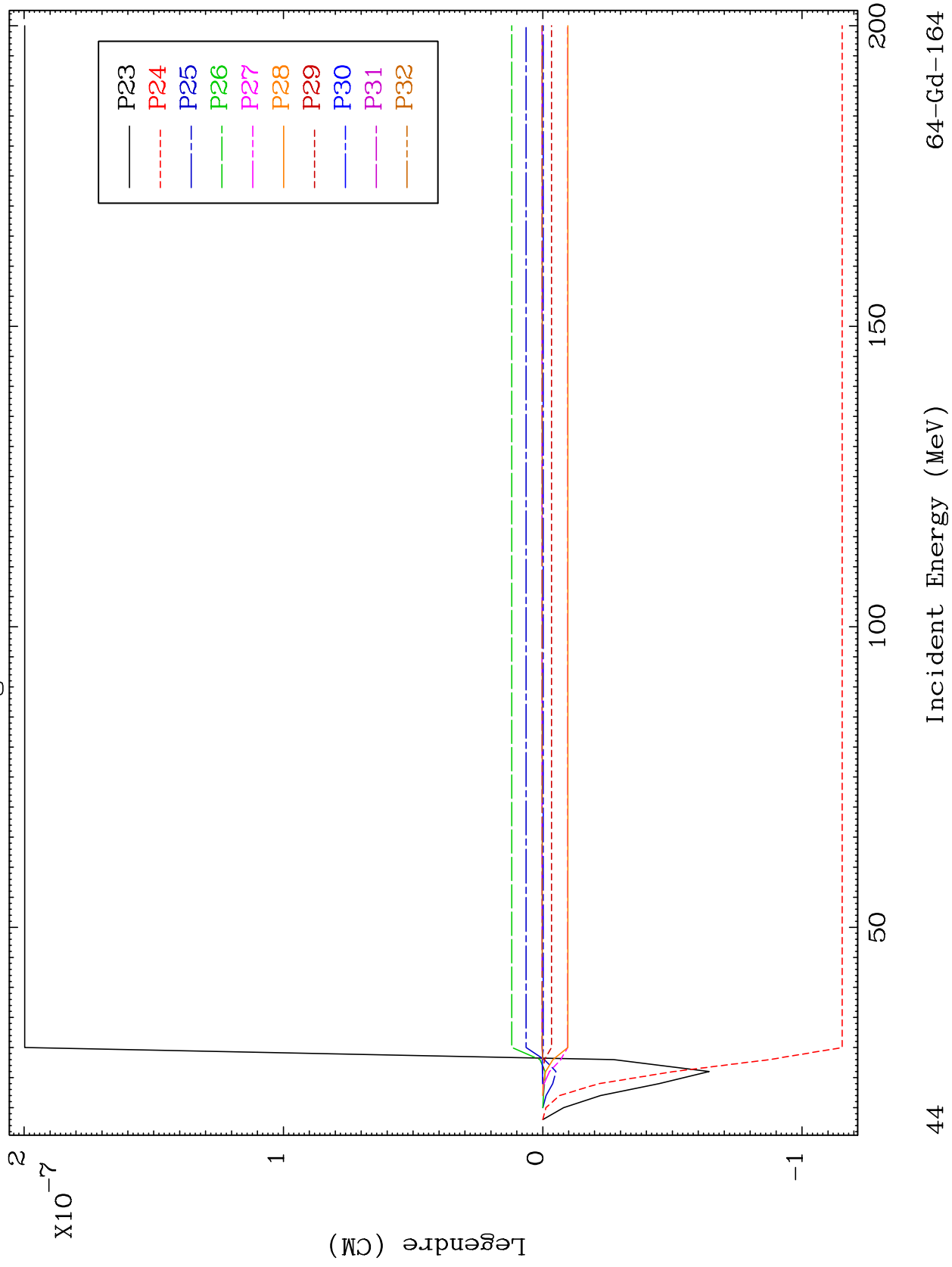
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



44

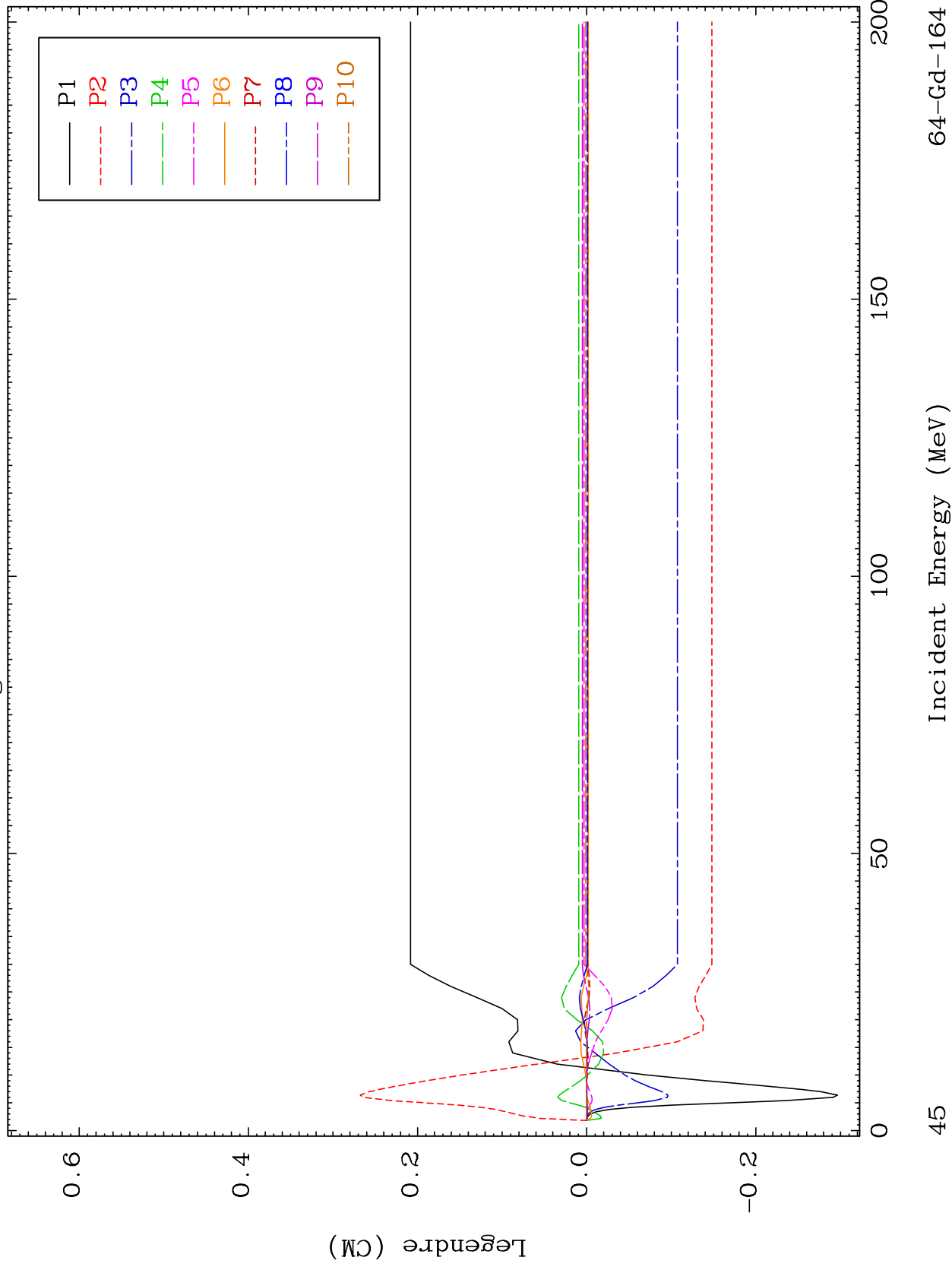
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

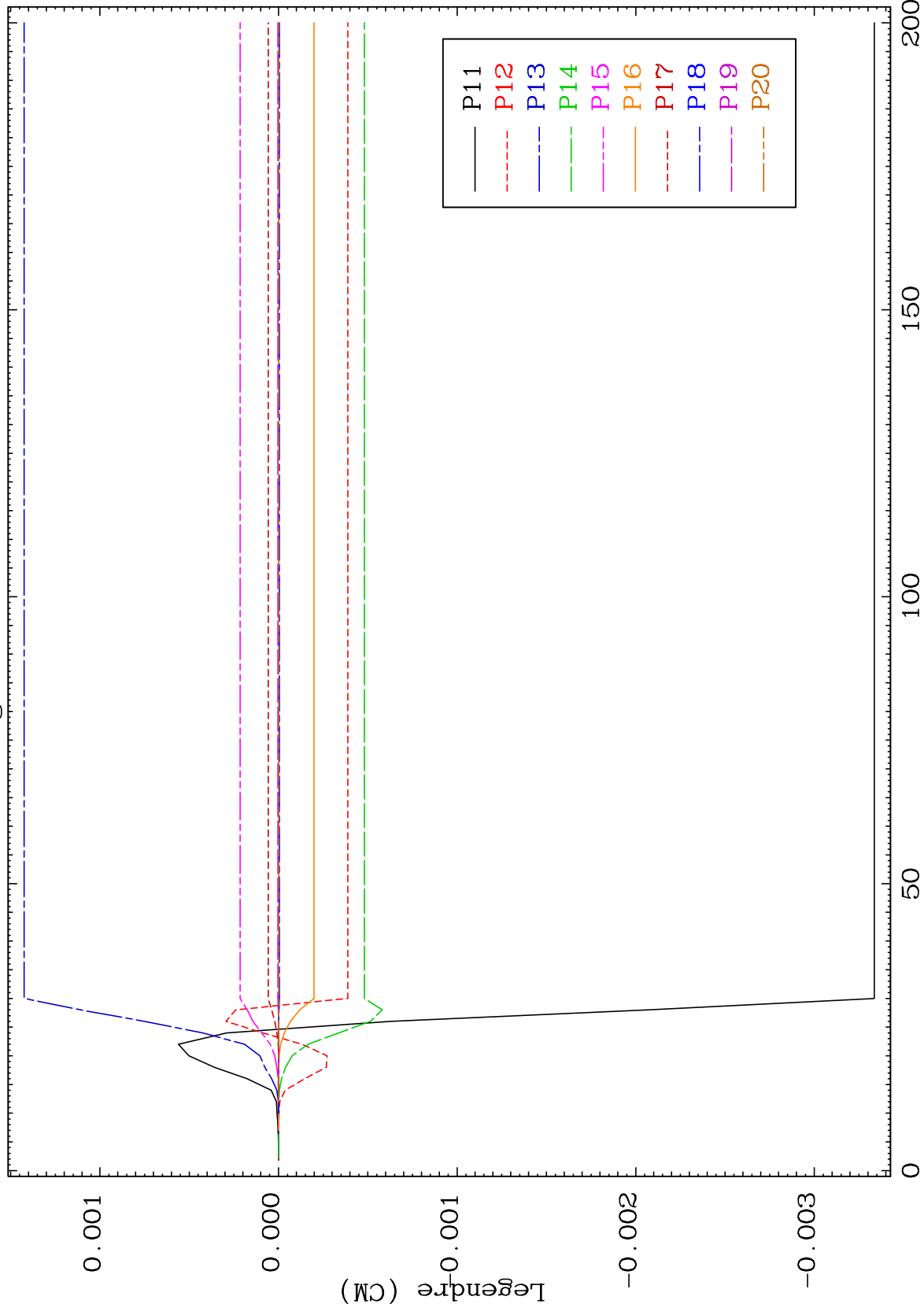
Incident Energy (MeV)

45

MAT 6461

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

64-Gd-164



46

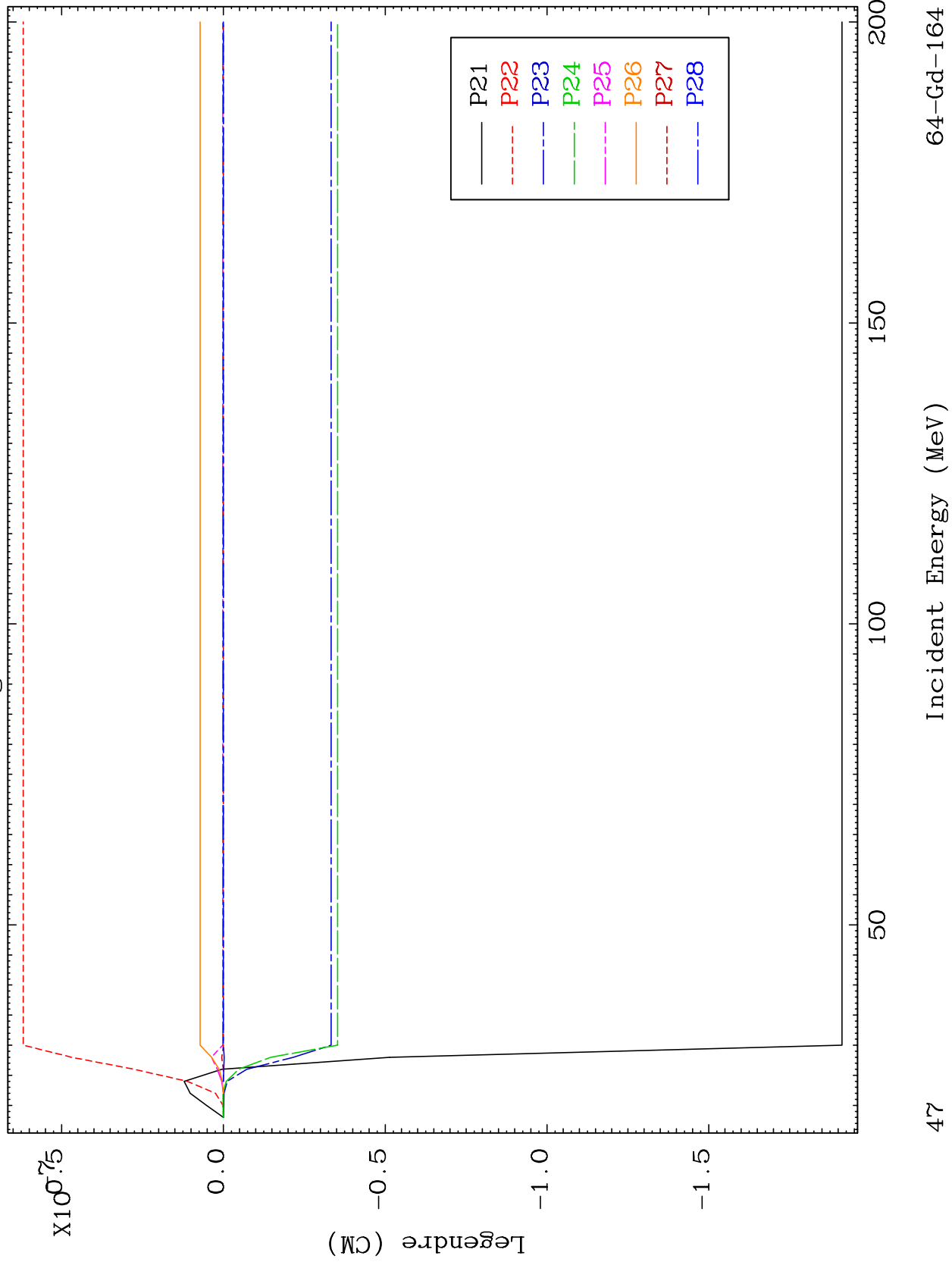
Incident Energy (MeV)

64-Gd-164

MAT 6461

64-Gd-164

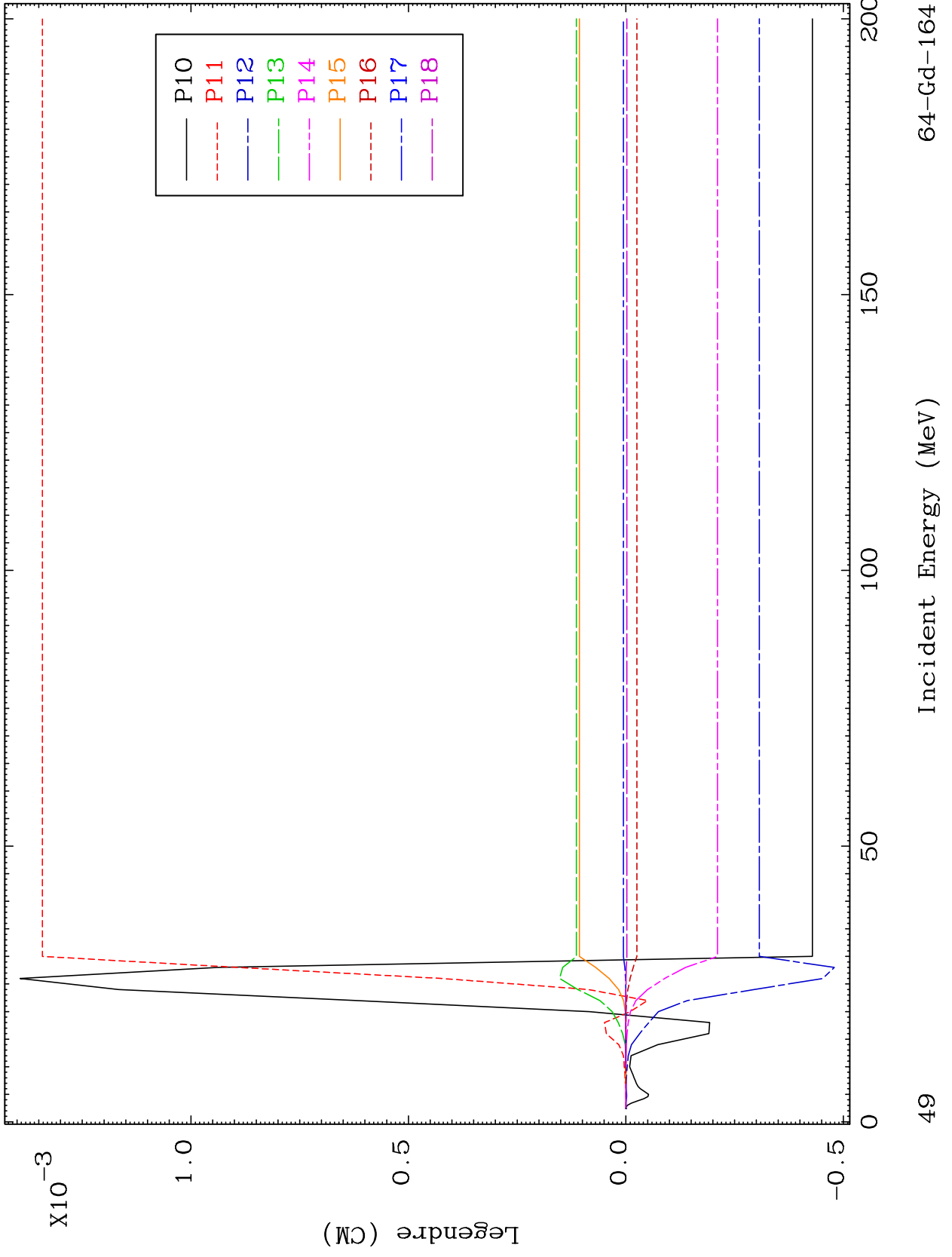
MT= 58 (n,n') Level
Legendre Coefficients



MAT 6461

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

64-Gd-164



49

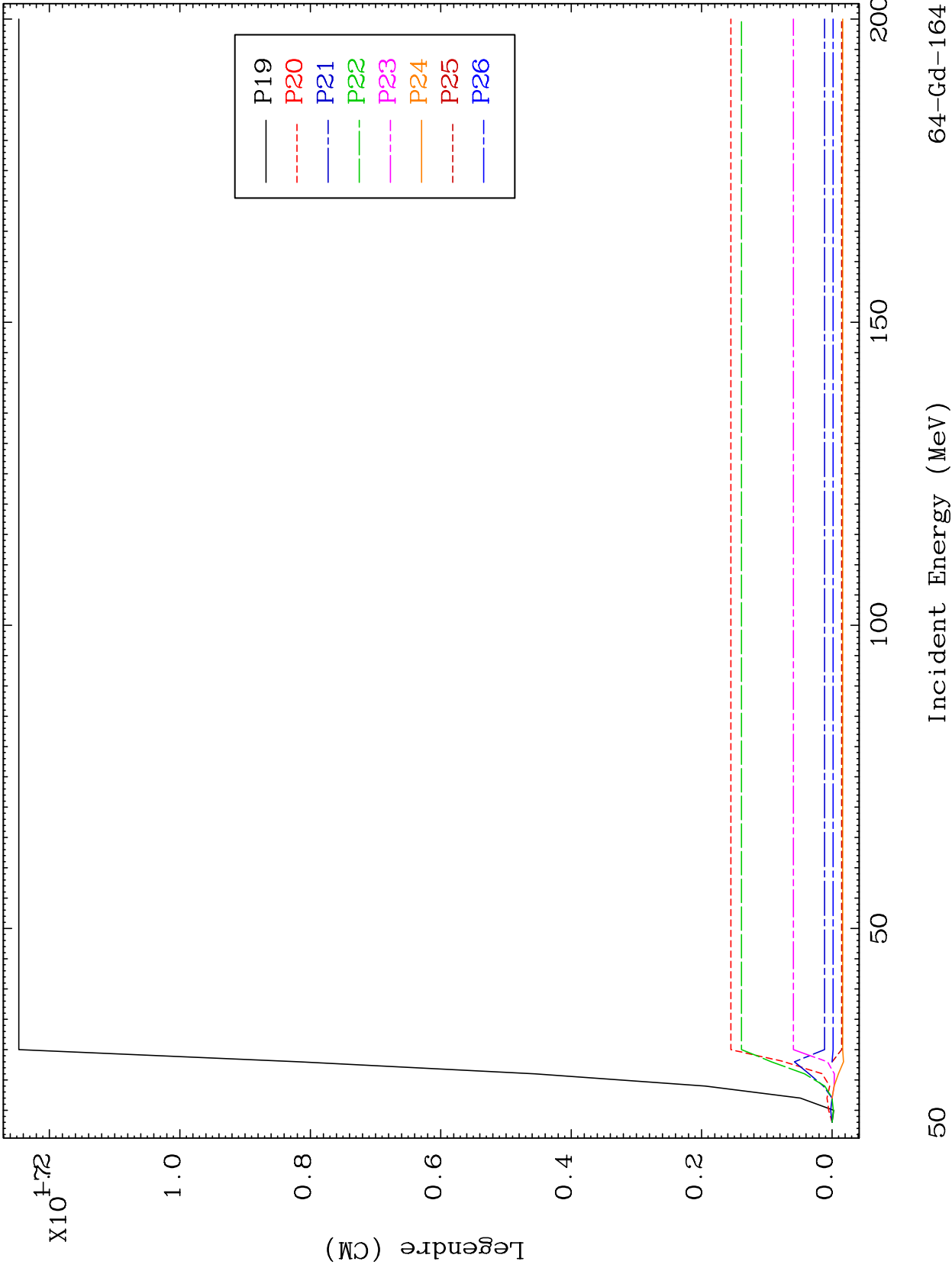
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

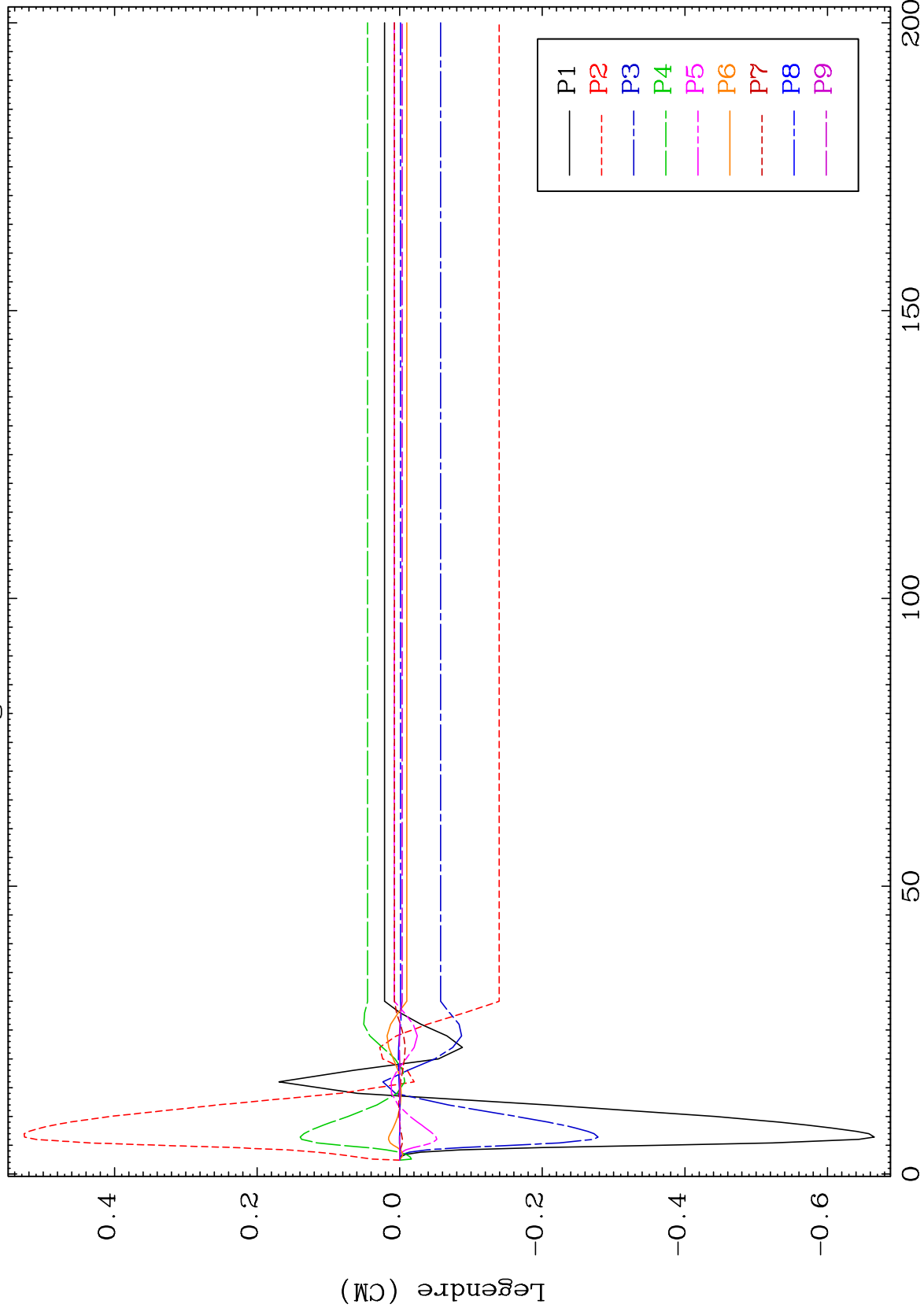
Incident Energy (MeV)

50

MAT 6461

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

64-Gd-164



51

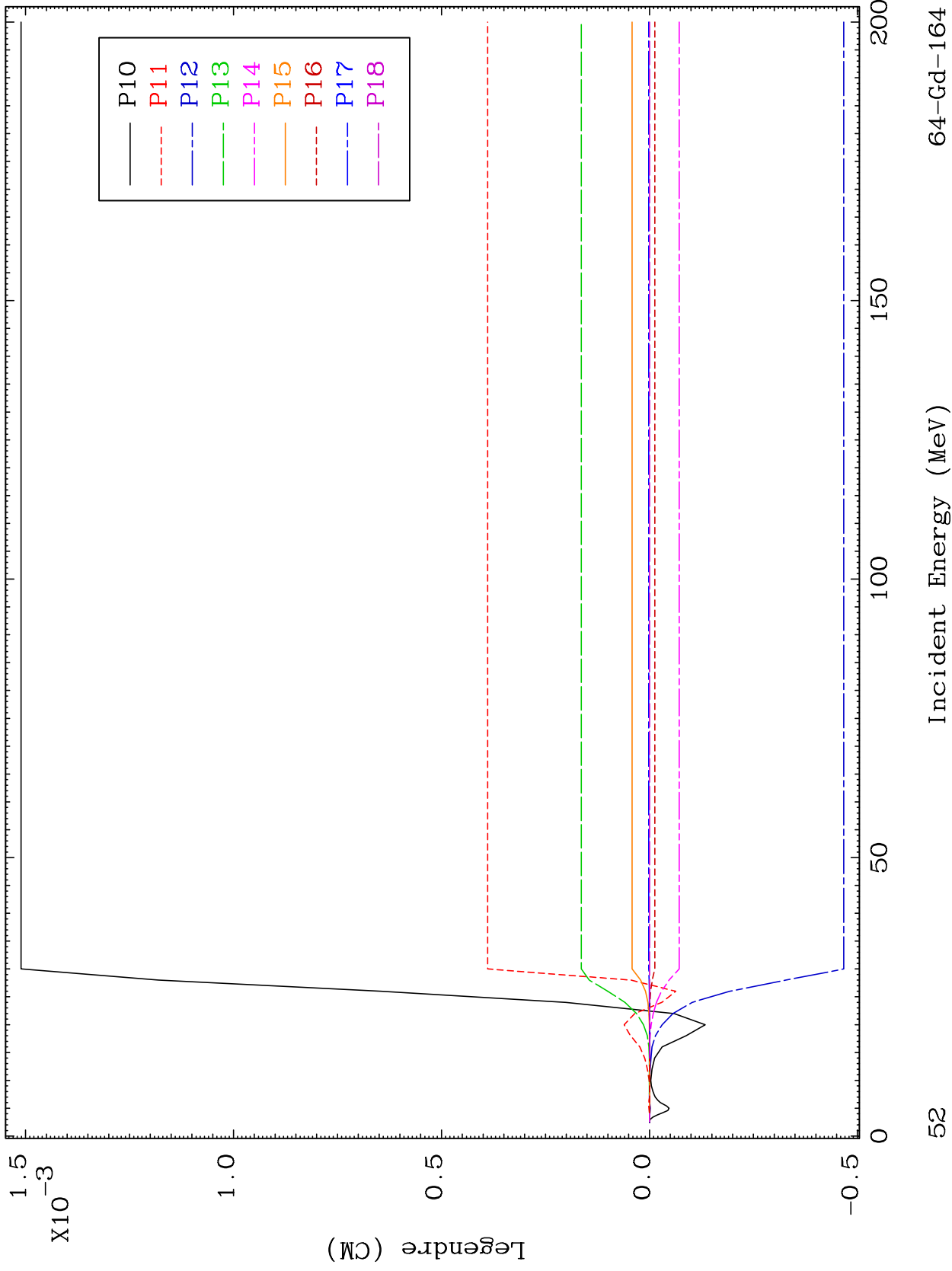
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



52

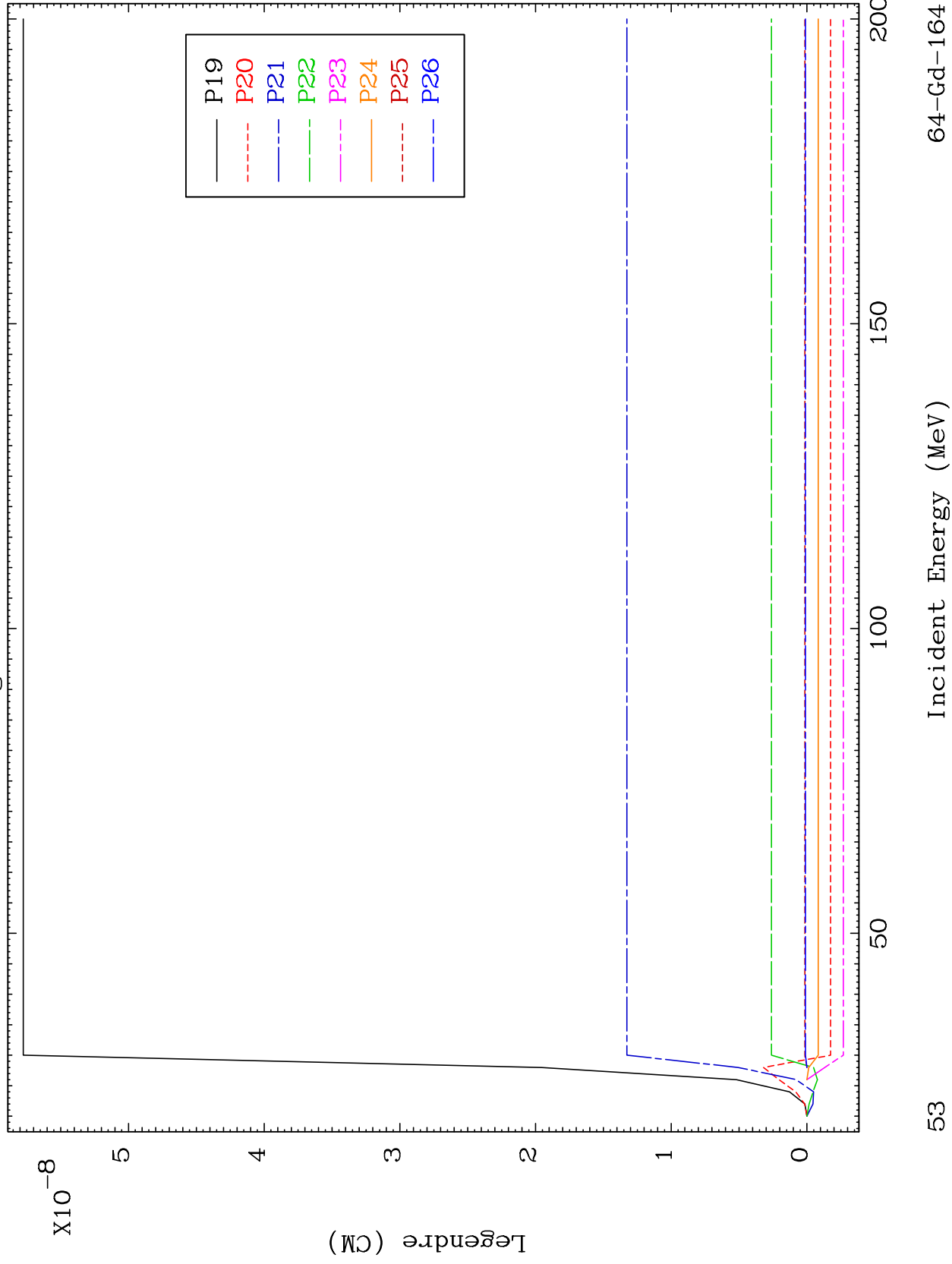
Incident Energy (MeV)

64-Gd-164

MAT 6461

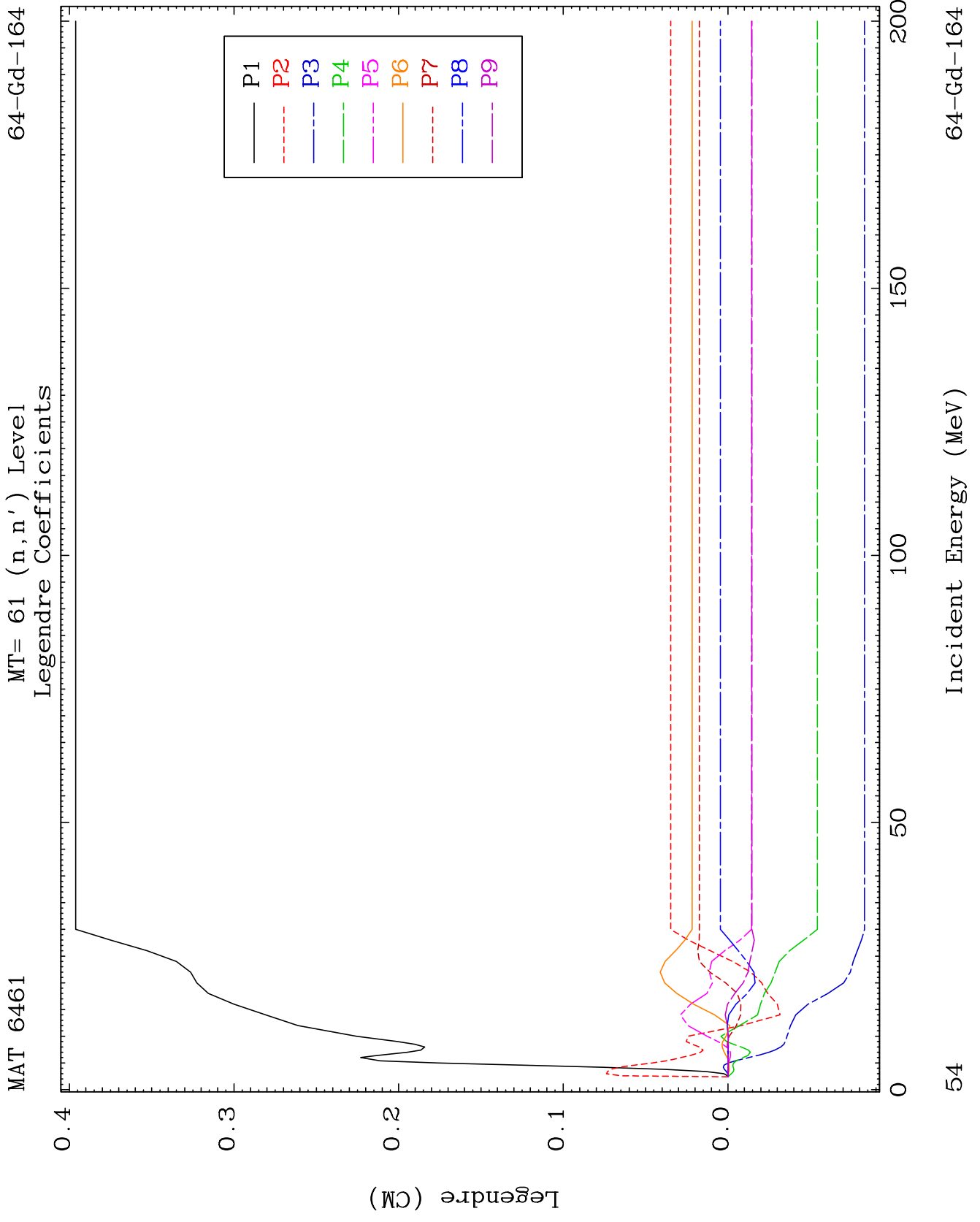
MT= 60 (n,n') Level
Legendre Coefficients

64-Gd-164



53

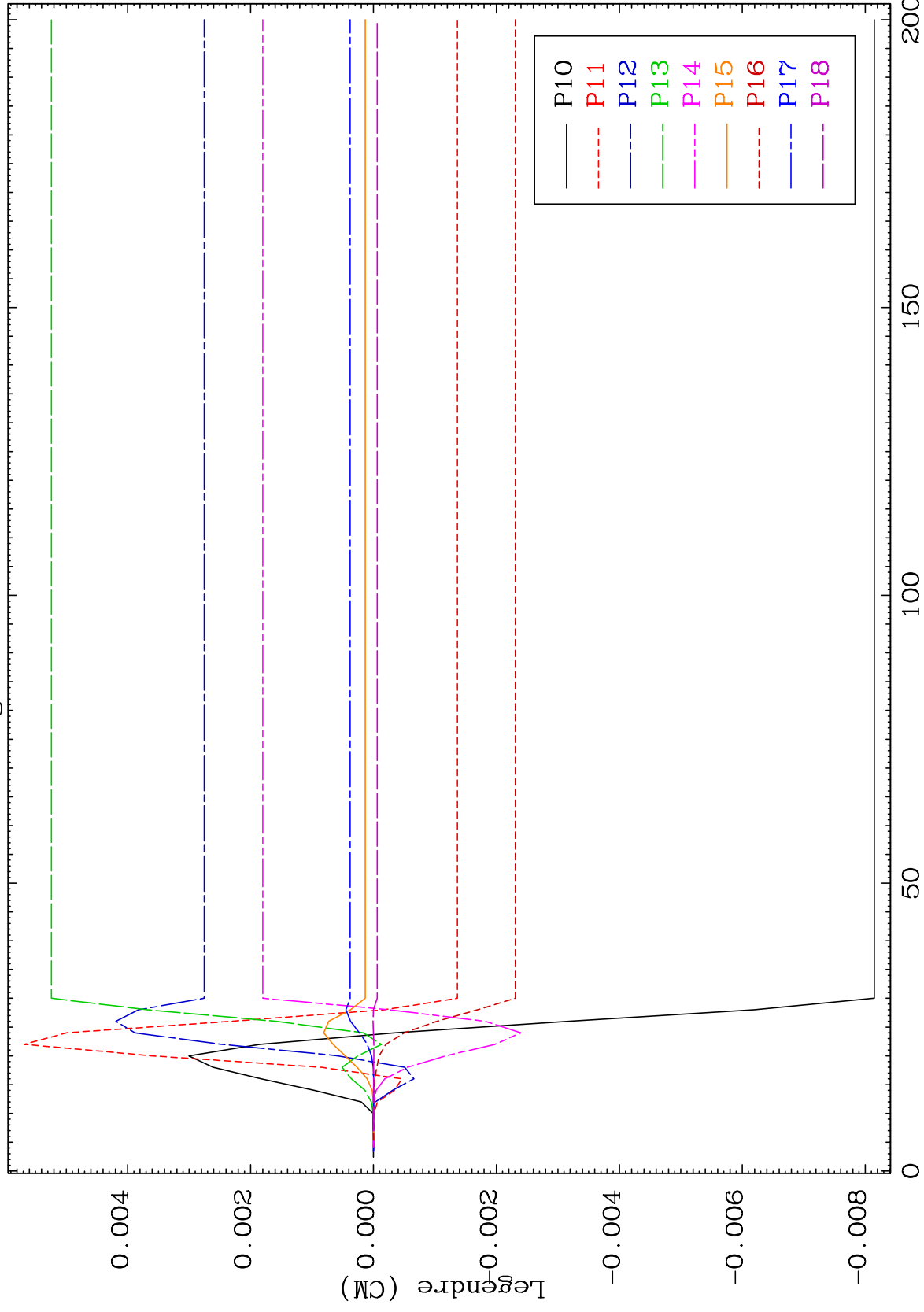
64-Gd-164



MAT 6461

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

64-Gd-164



55

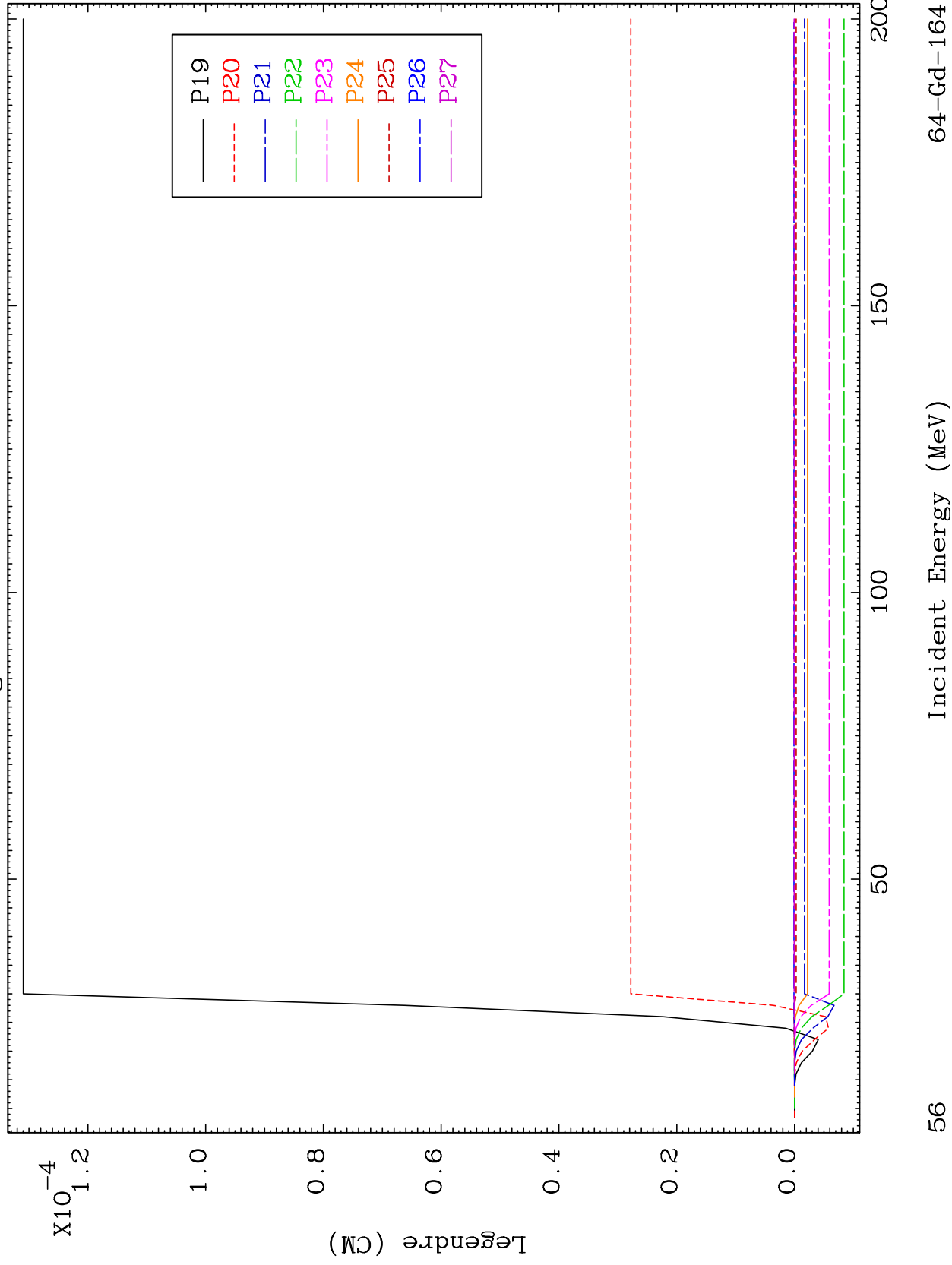
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

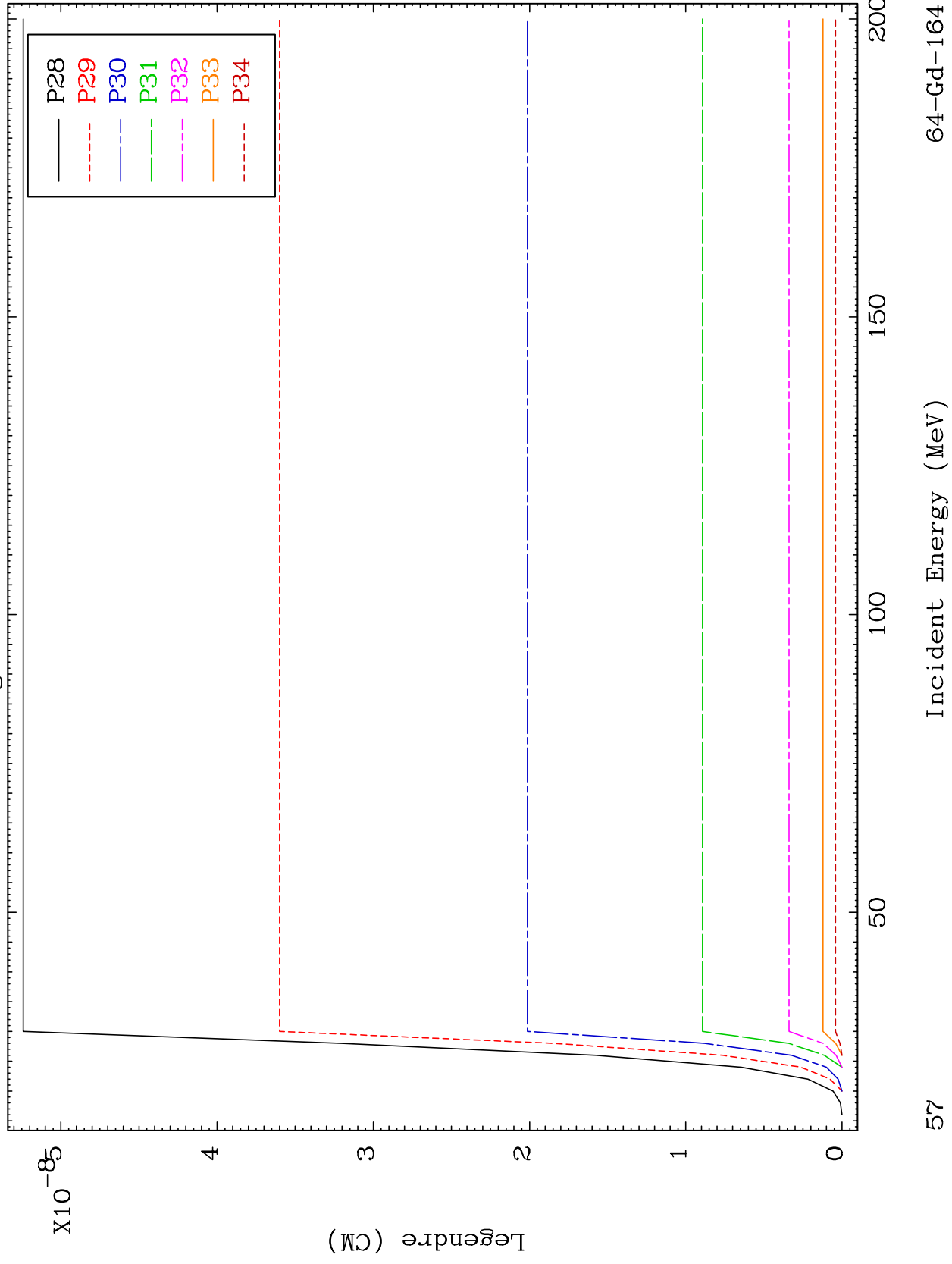
64-Gd-164



MAT 6461

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

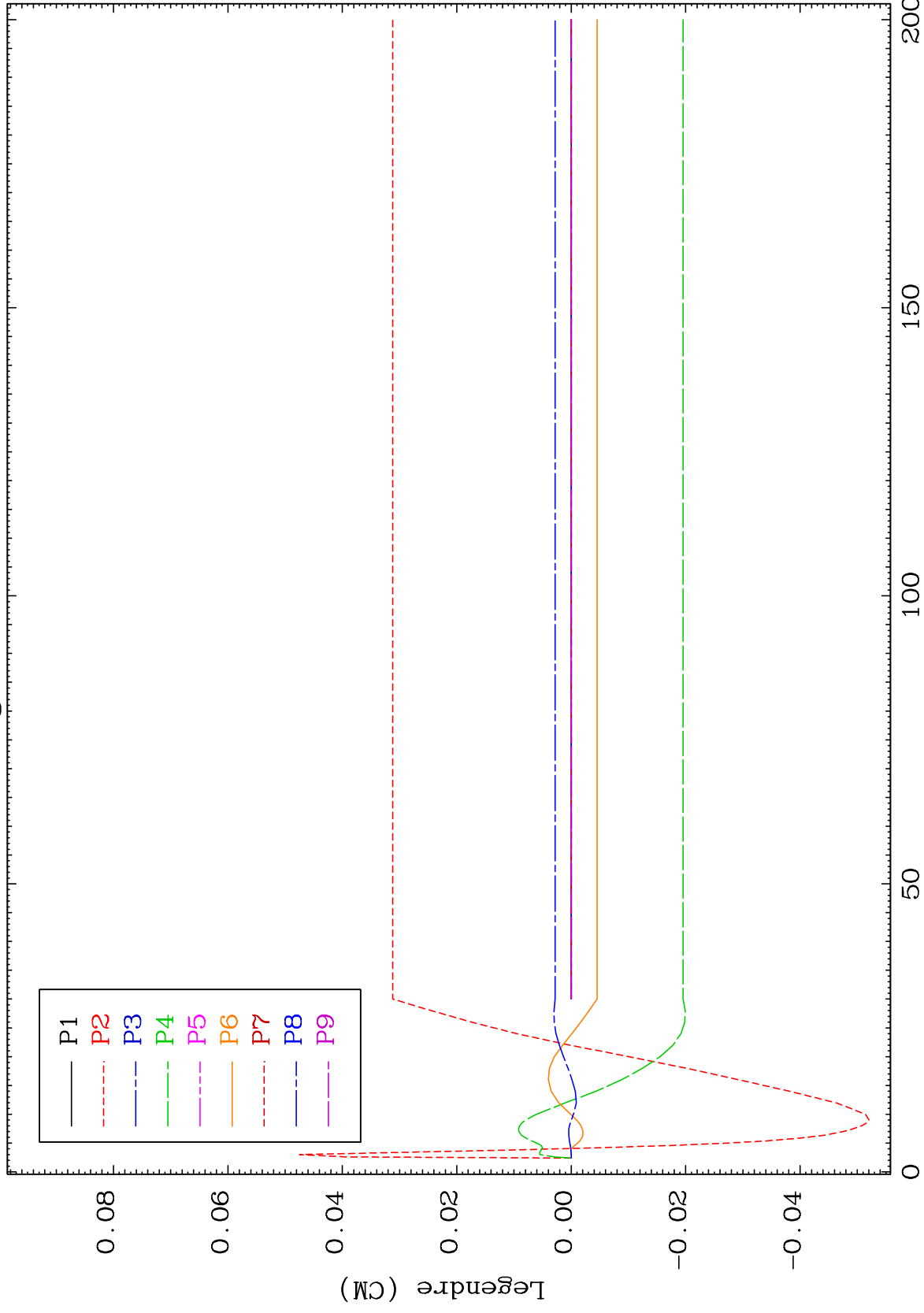
64-Gd-164



MAT 6461

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

64-Gd-164



58

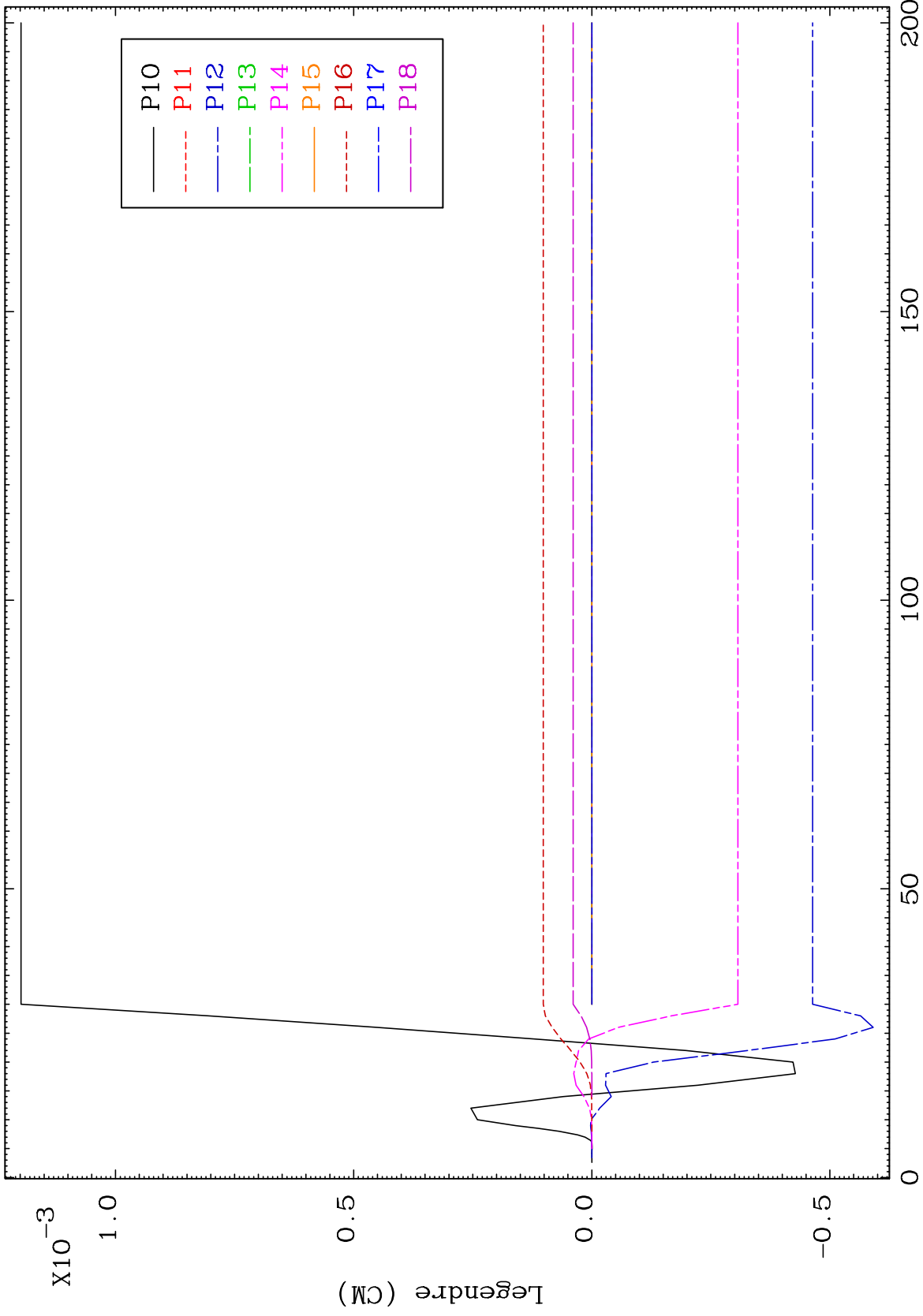
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

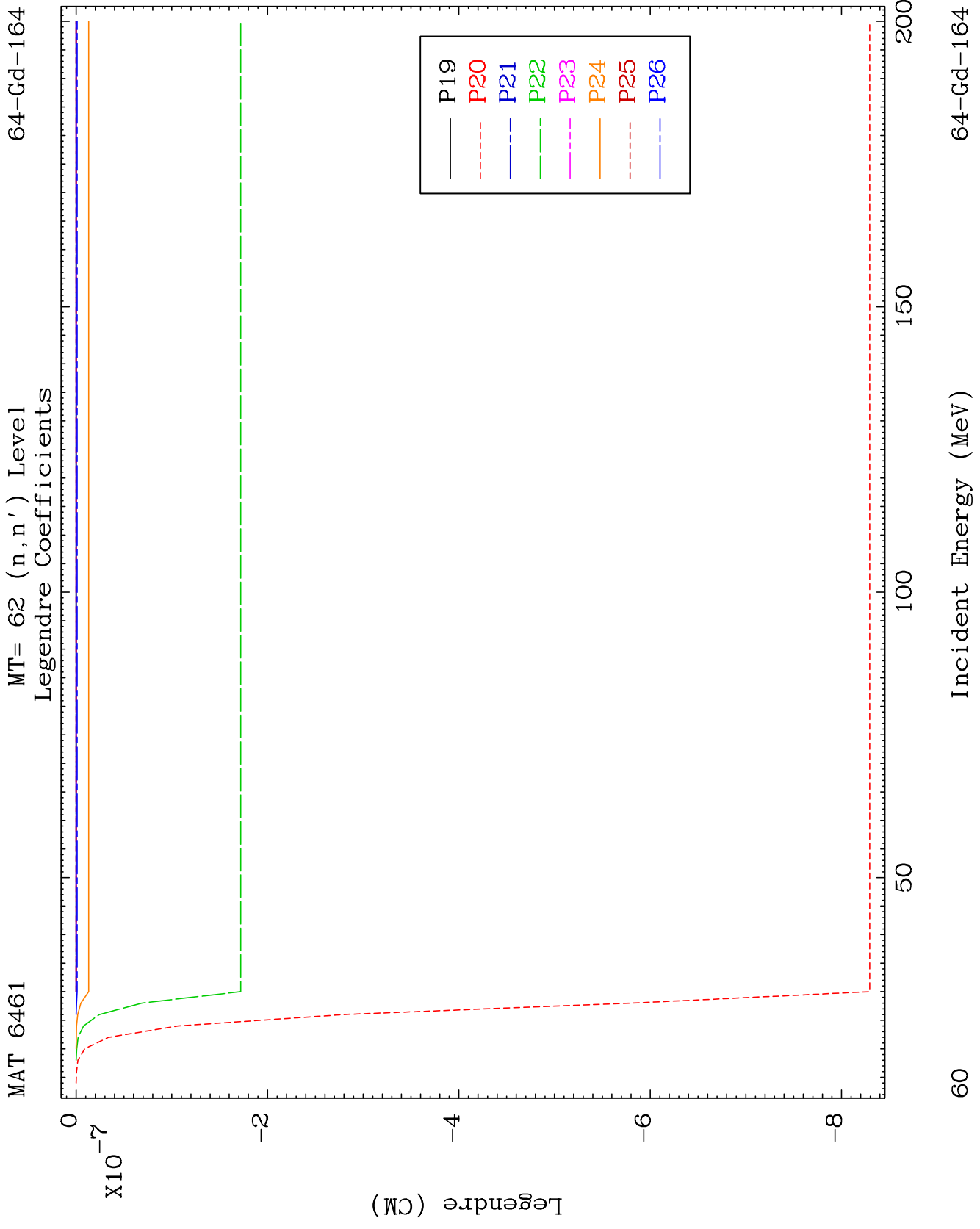
64-Gd-164



59

Incident Energy (MeV)

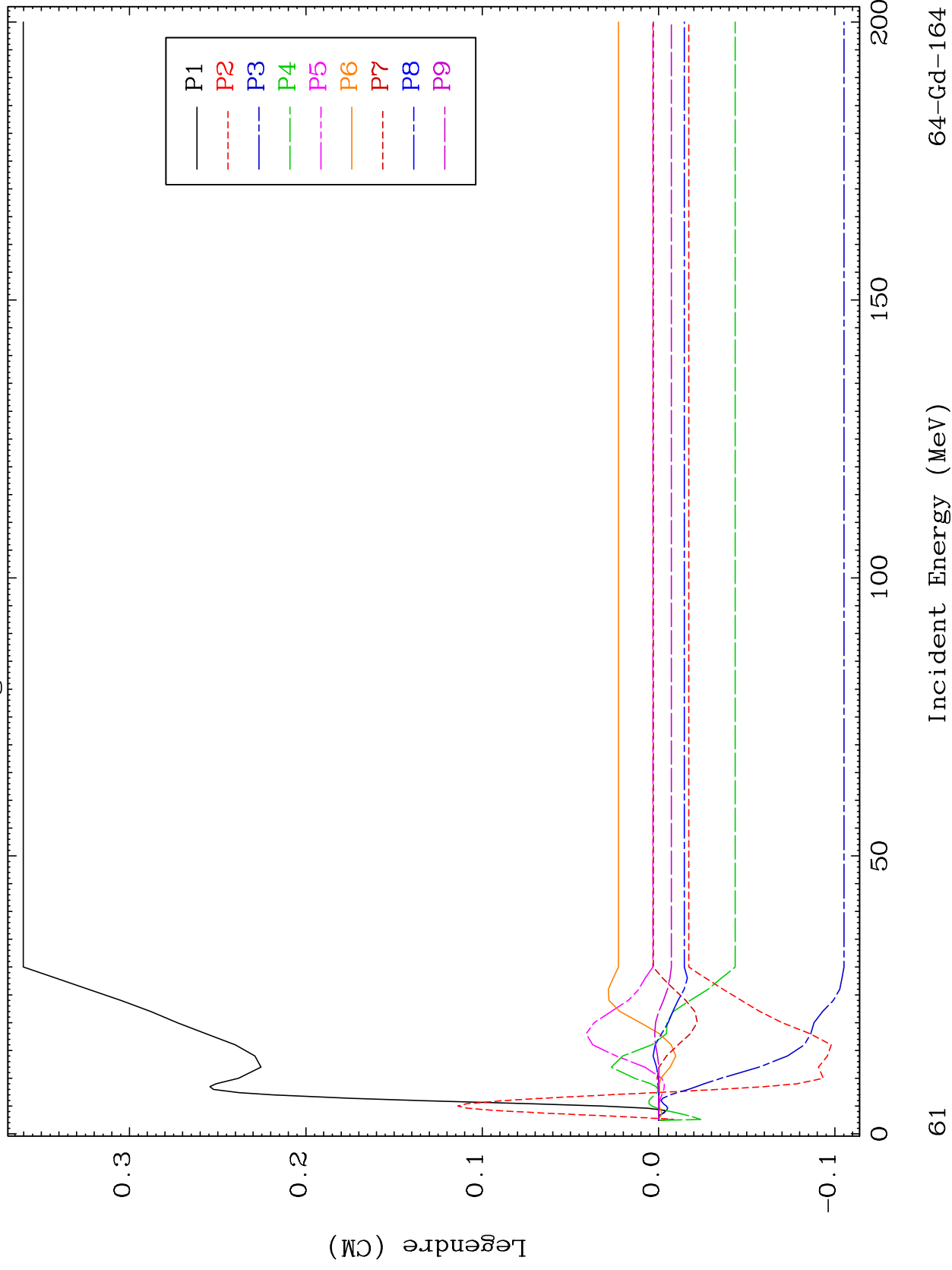
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

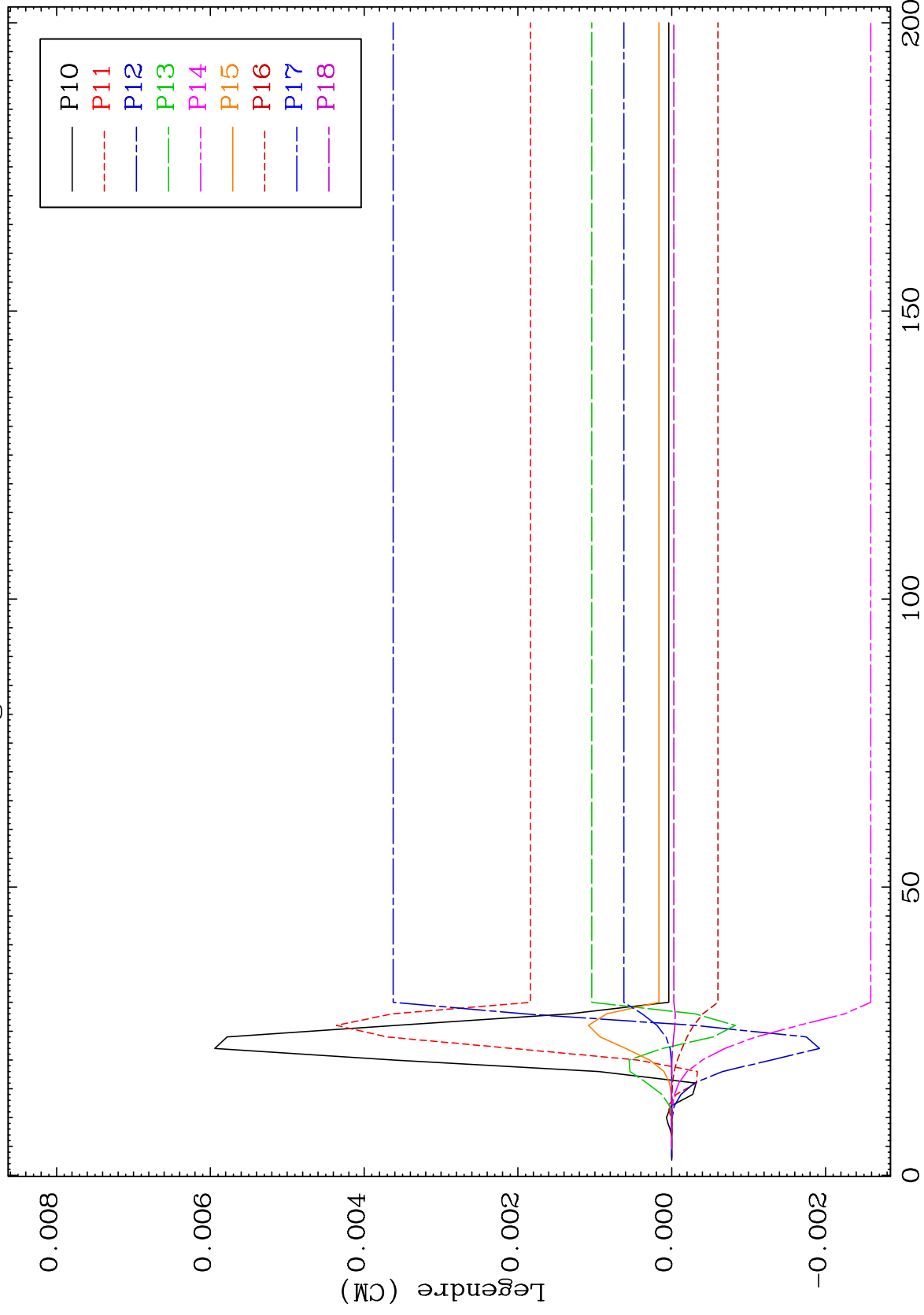
Incident Energy (MeV)

61

MAT 6461

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

64-Gd-164



62

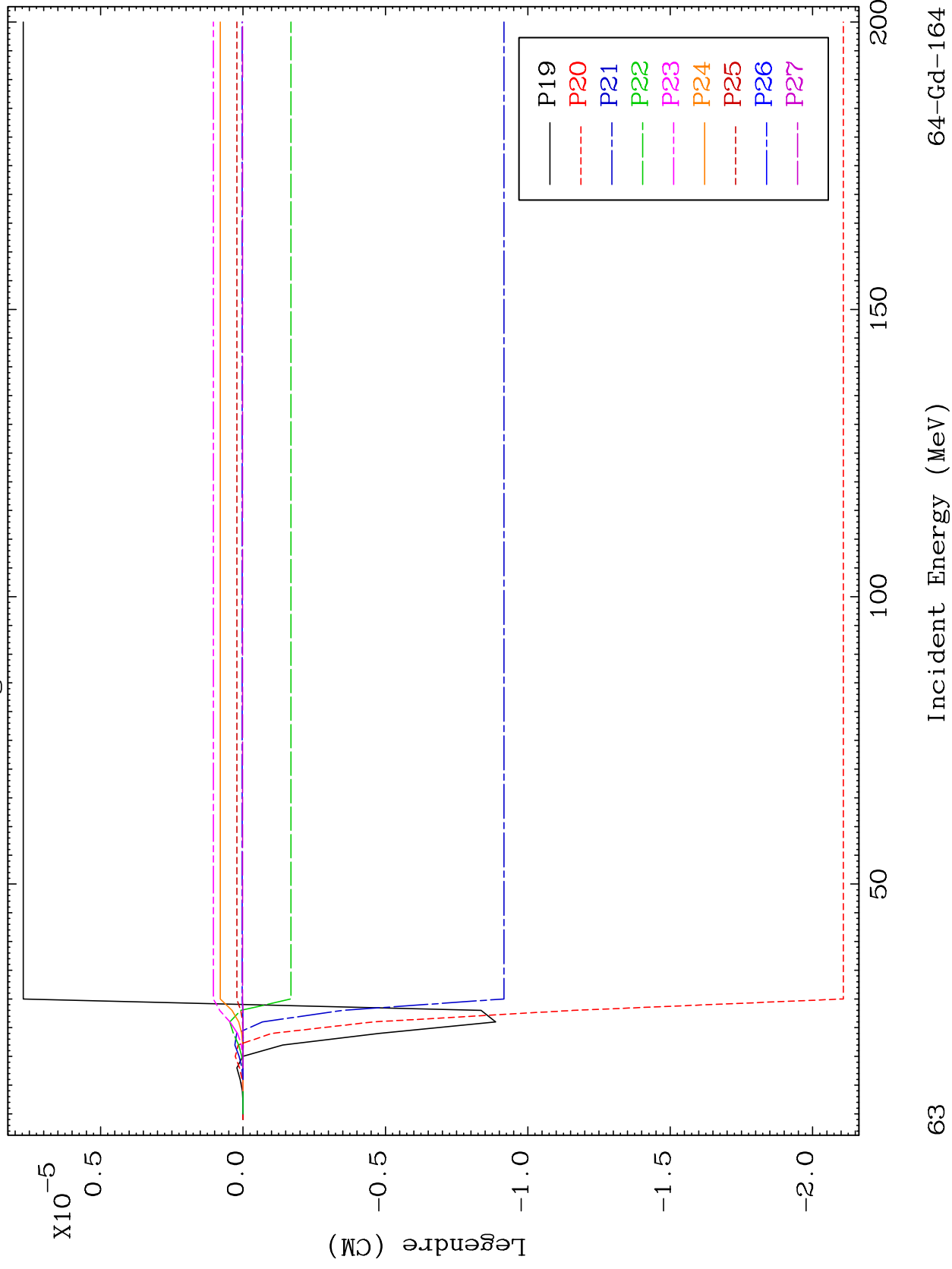
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

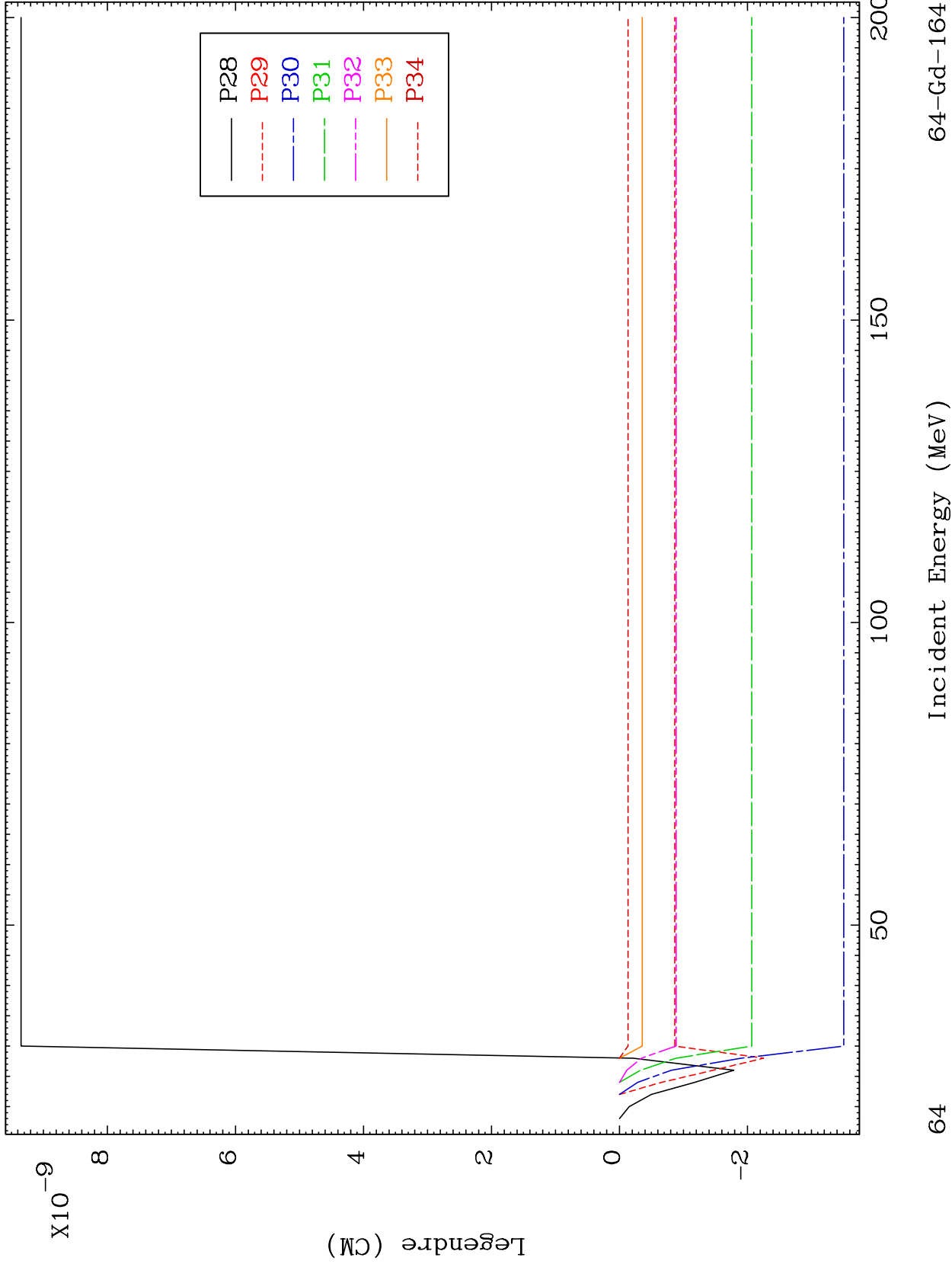
64-Gd-164



MAT 6461

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

64-Gd-164



64

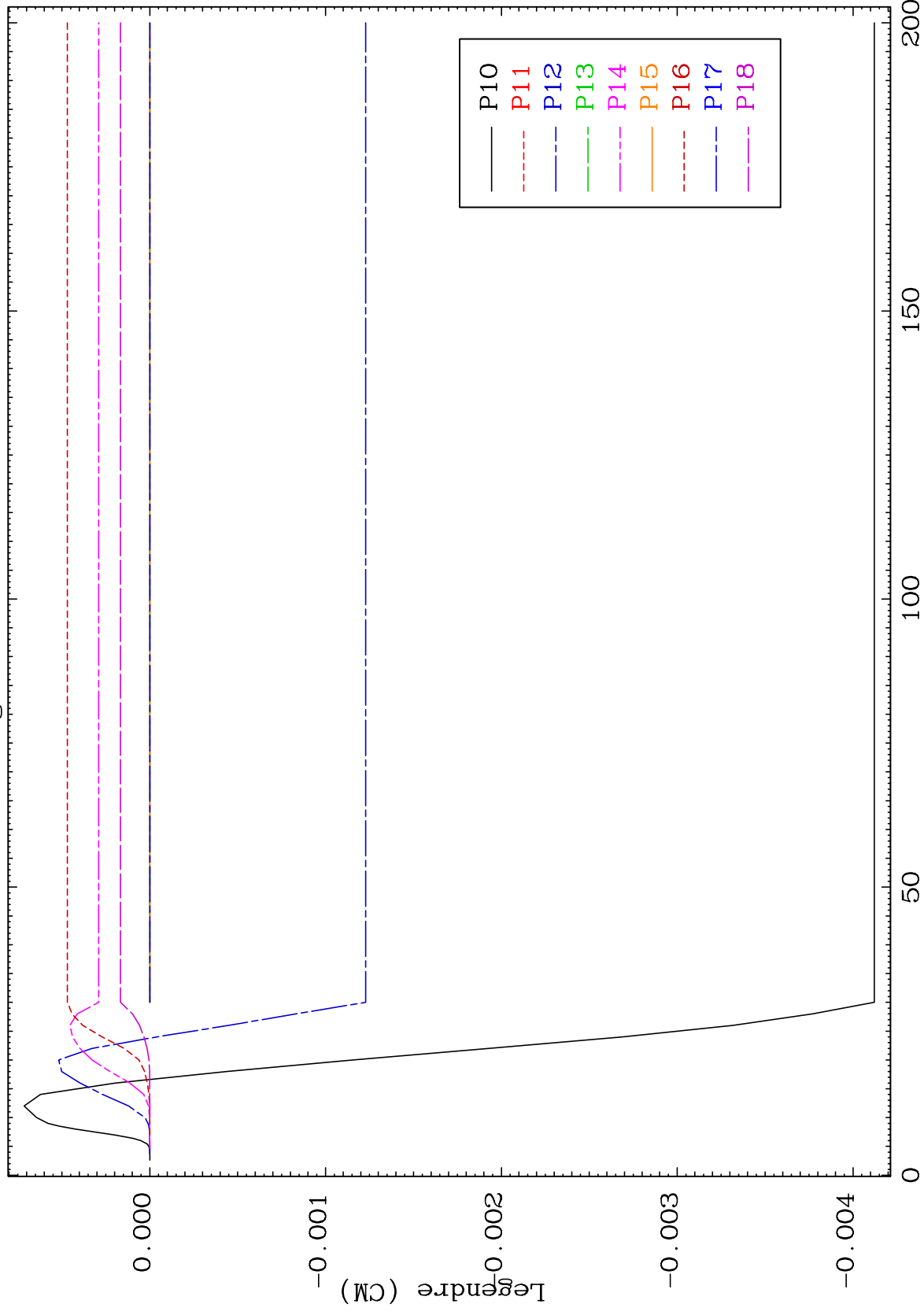
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

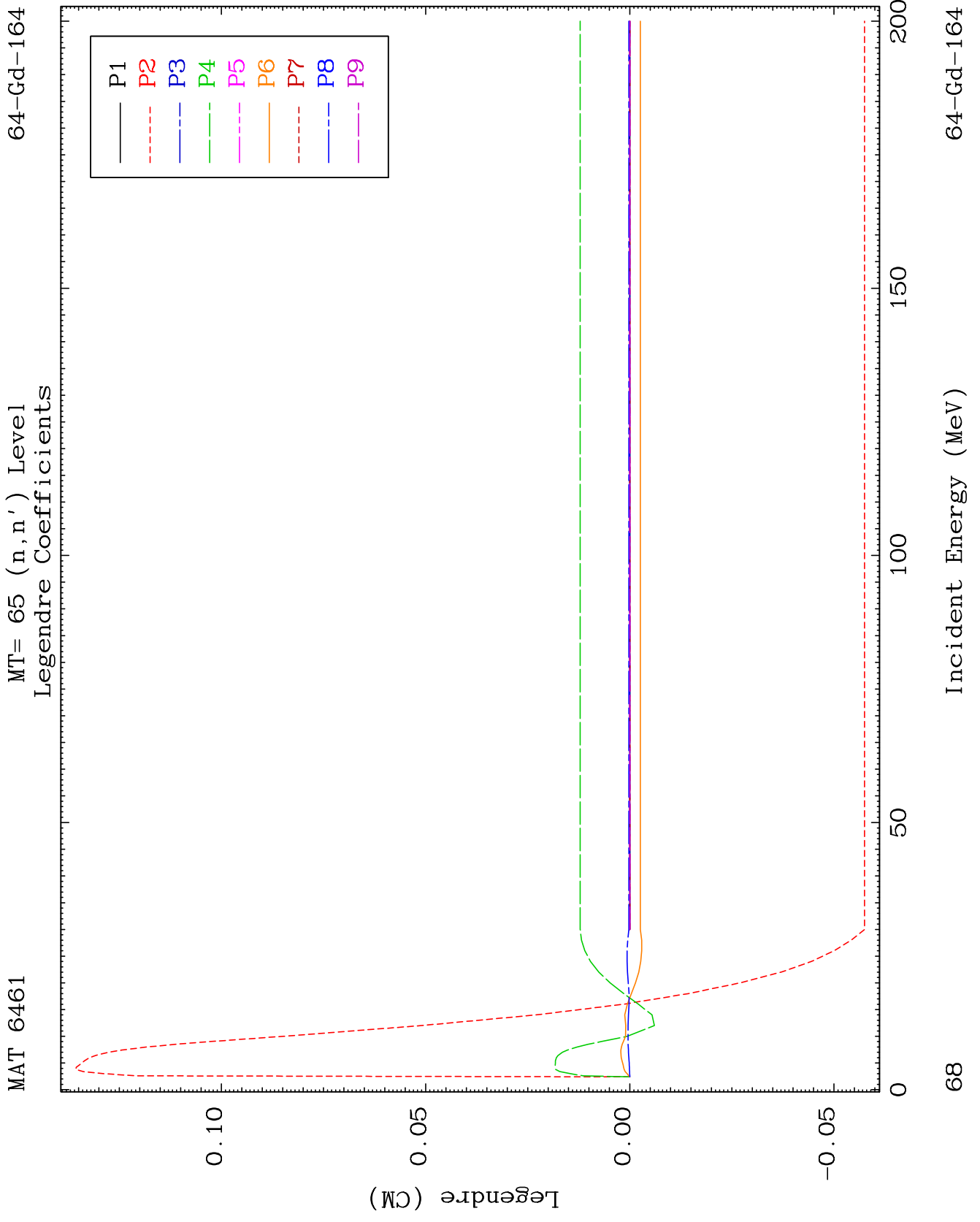
64-Gd-164



66

Incident Energy (MeV)

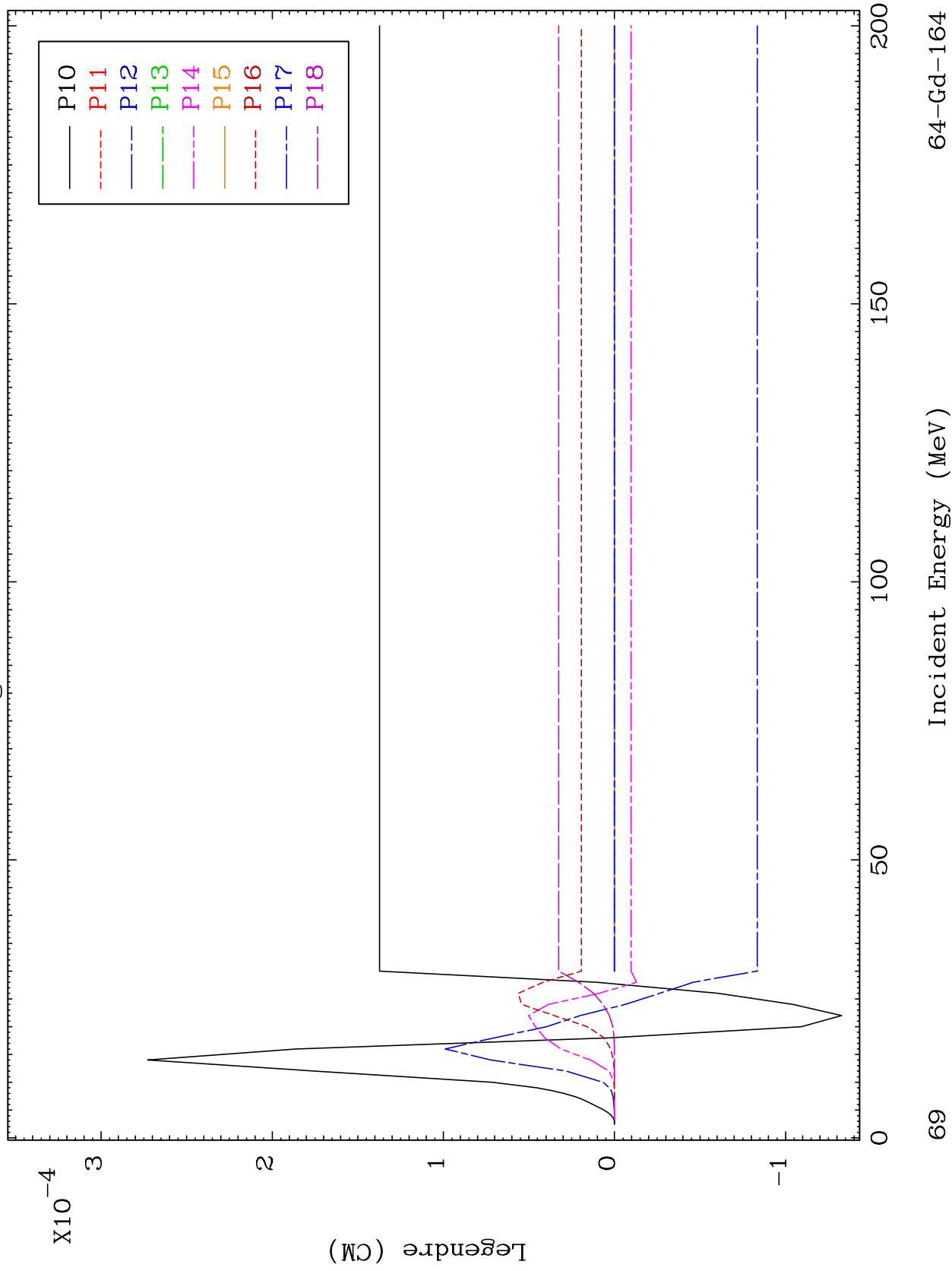
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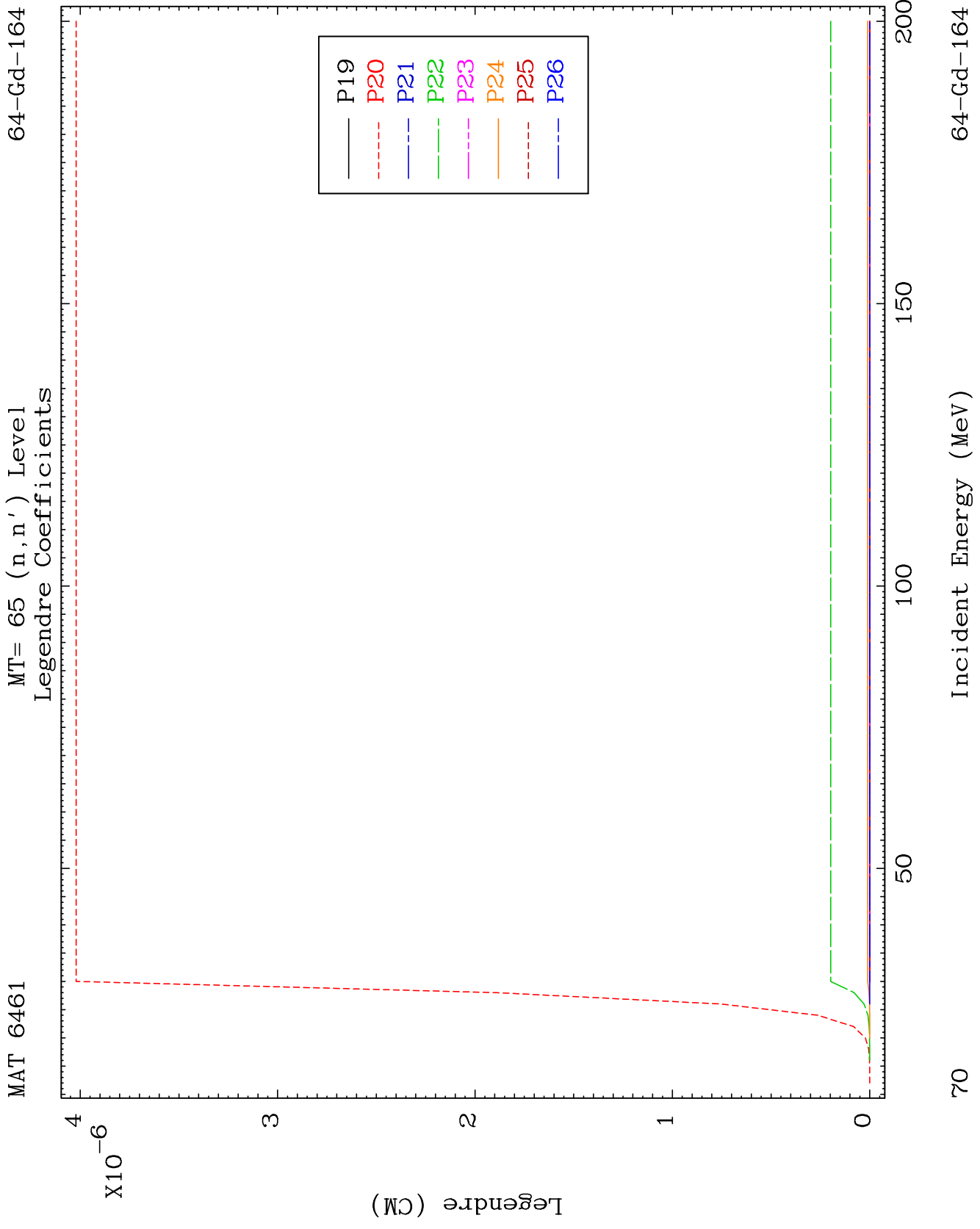


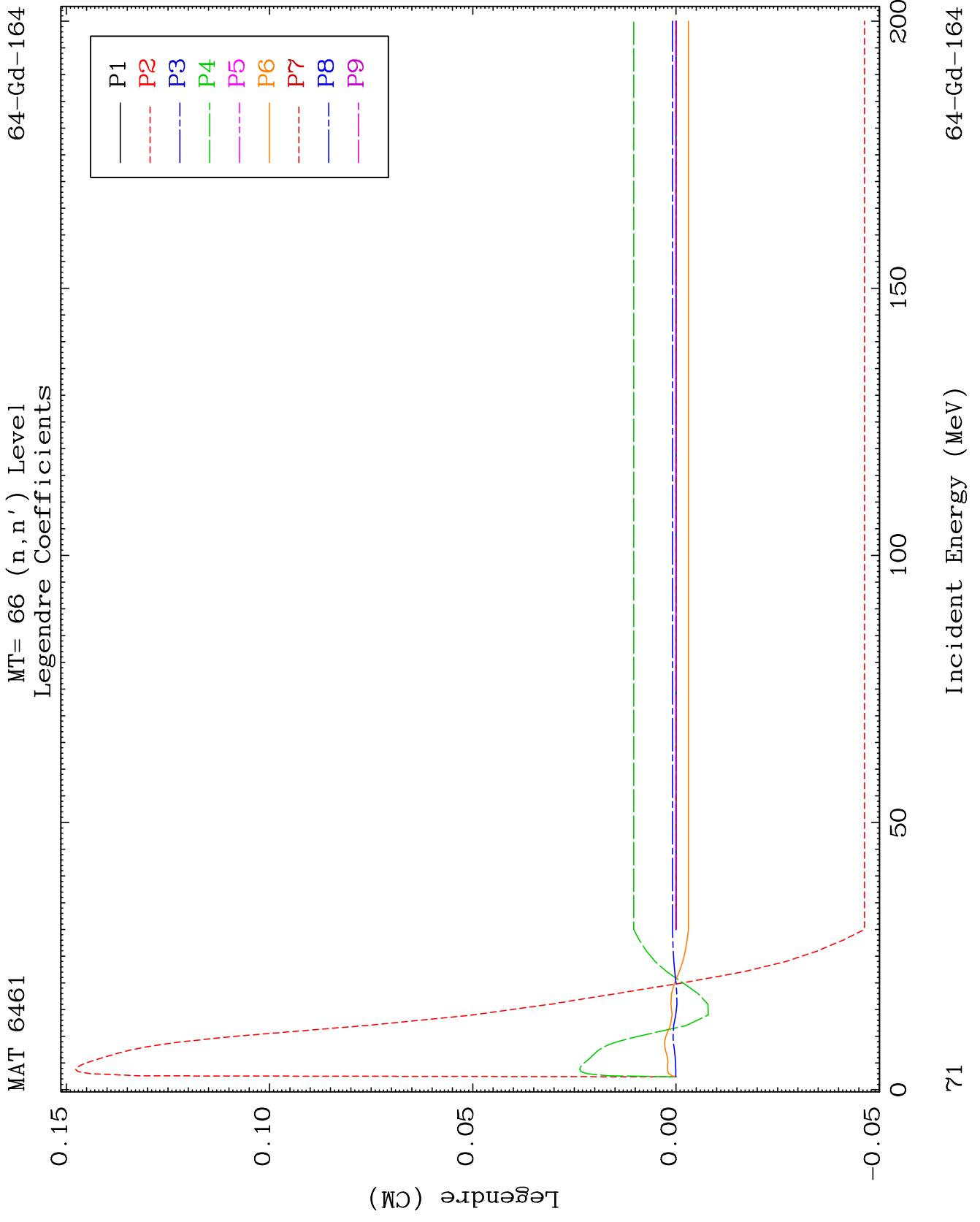
MAT 6461

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

64-Gd-164



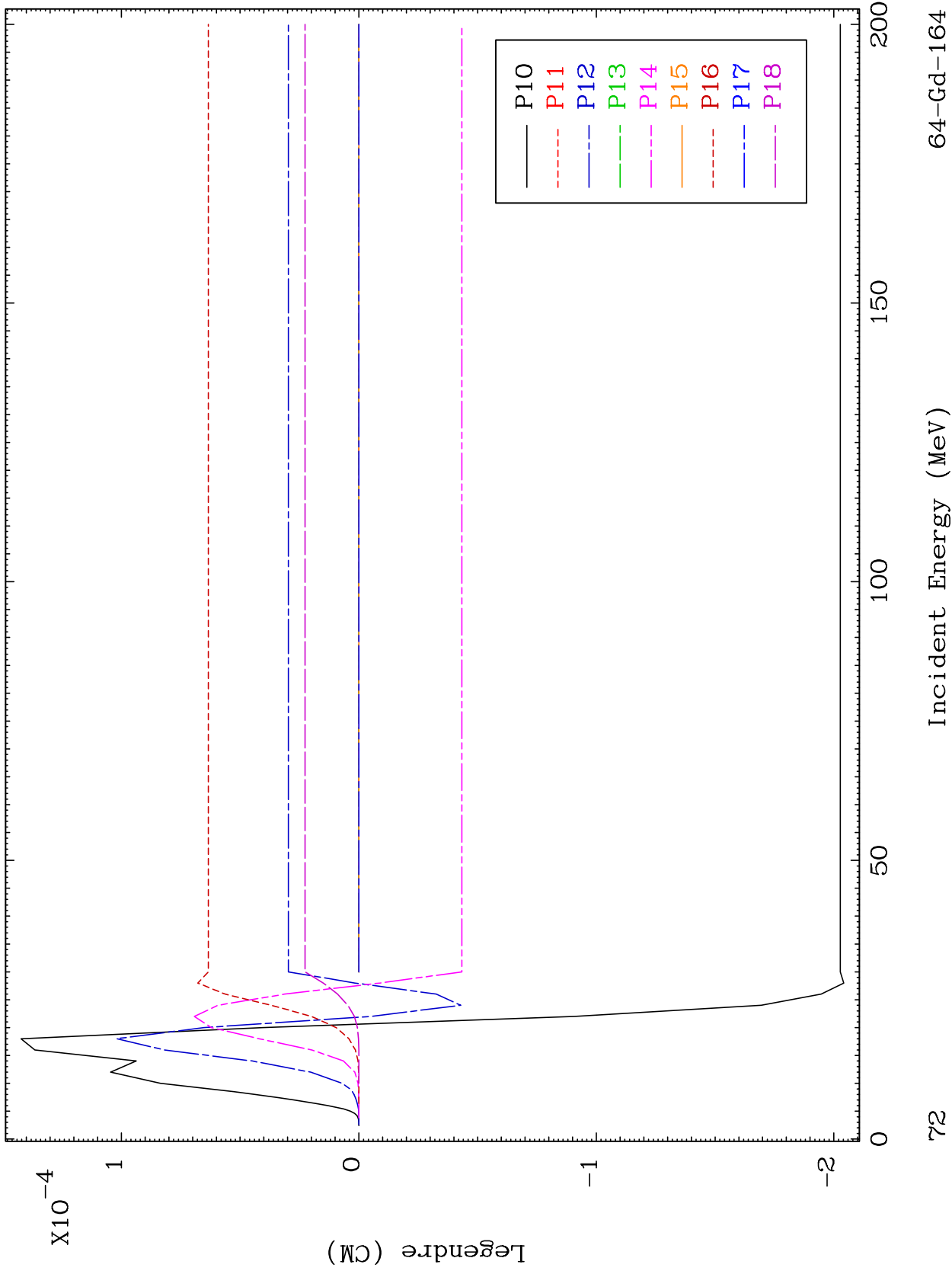




MAT 6461

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

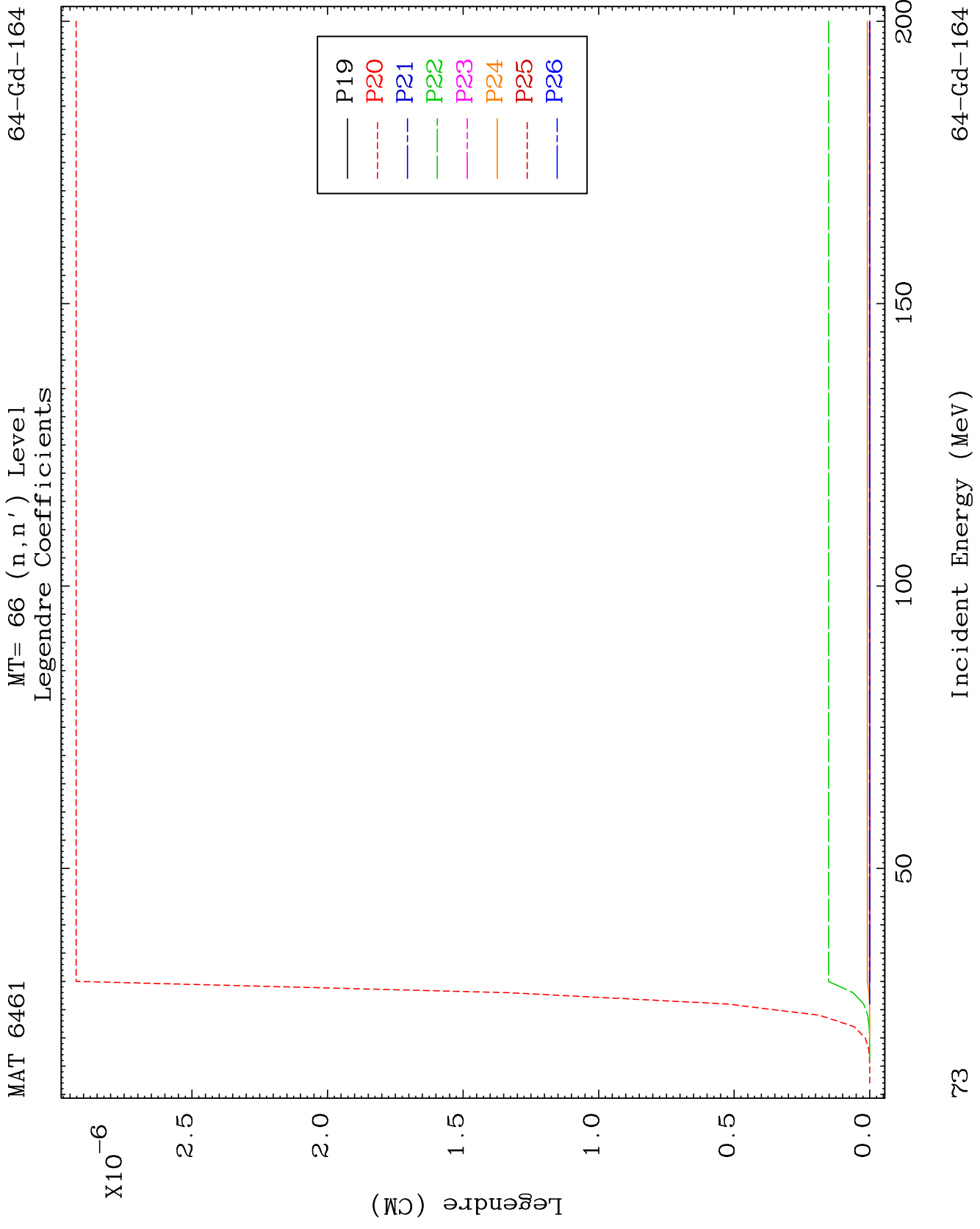
64-Gd-164

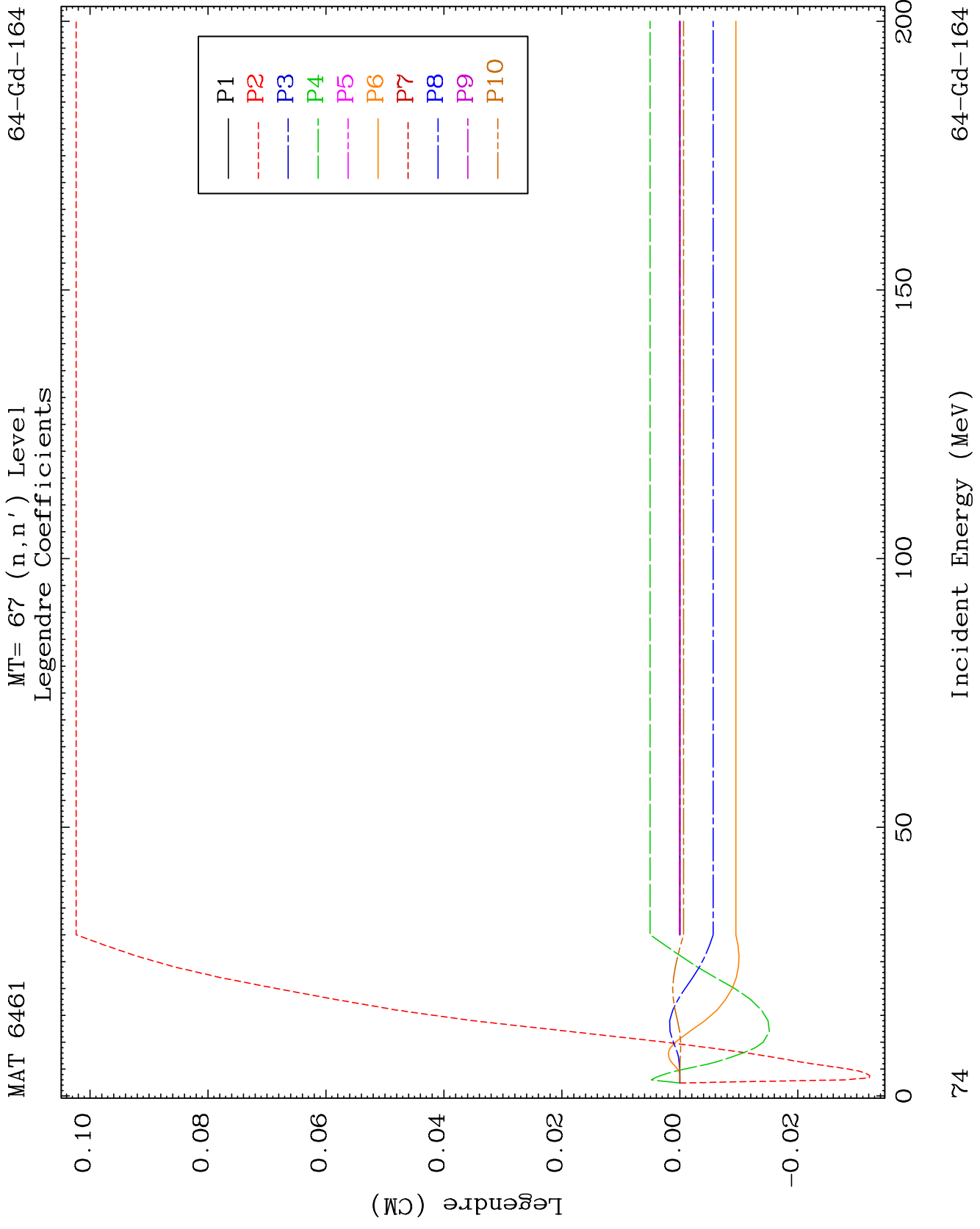


72

64-Gd-164

64-Gd-164

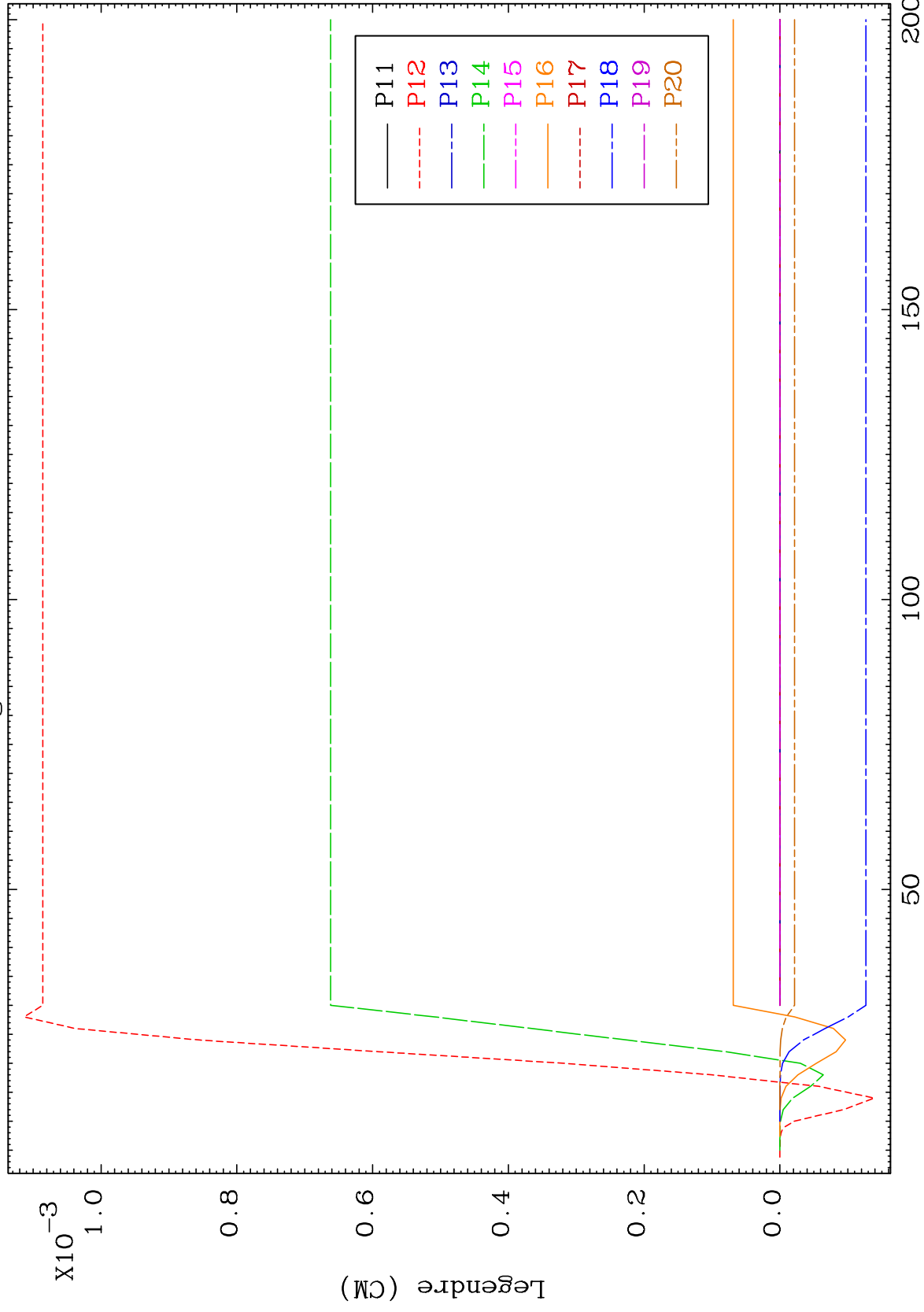




MAT 6461

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

64-Gd-164



75

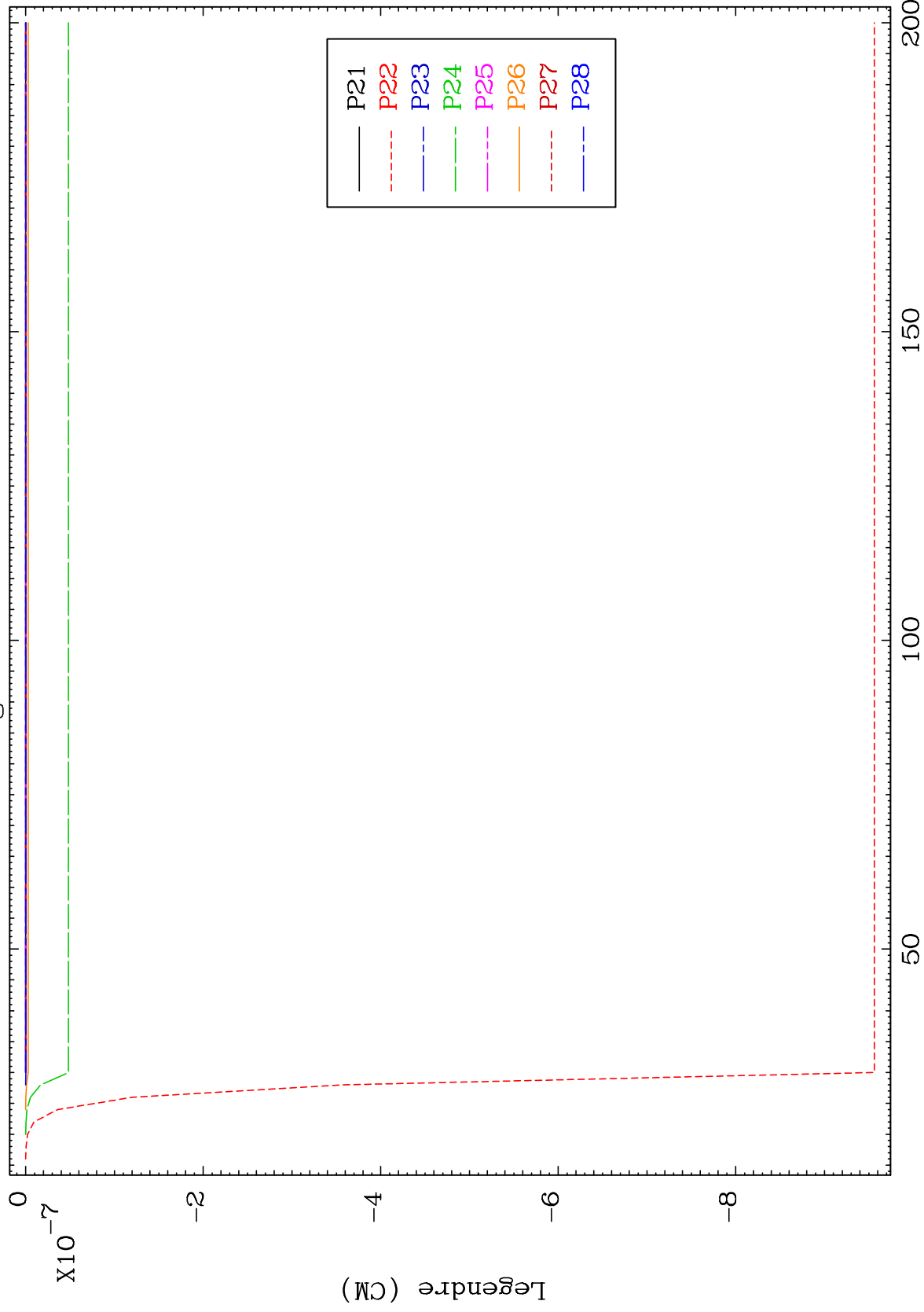
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



76

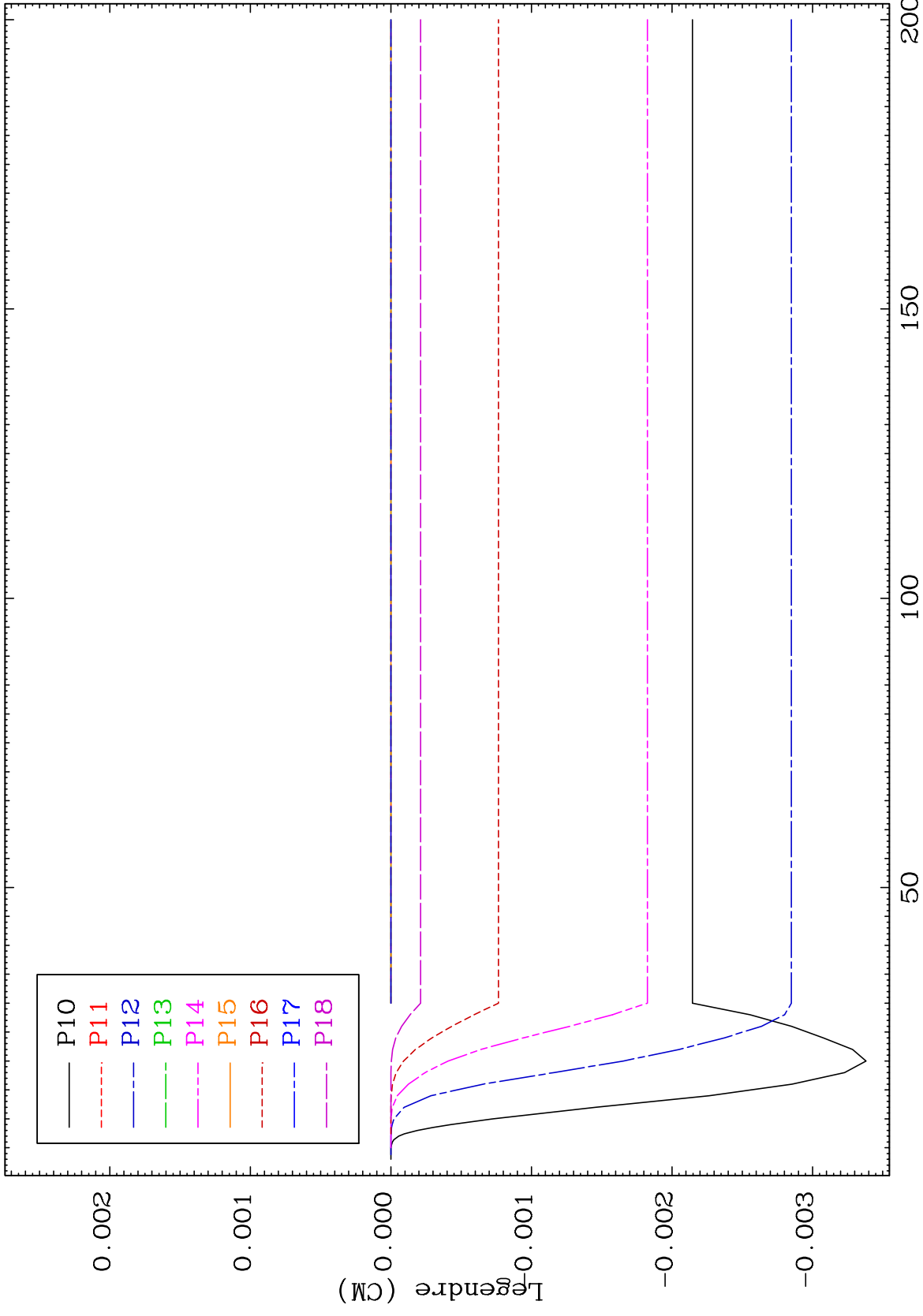
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

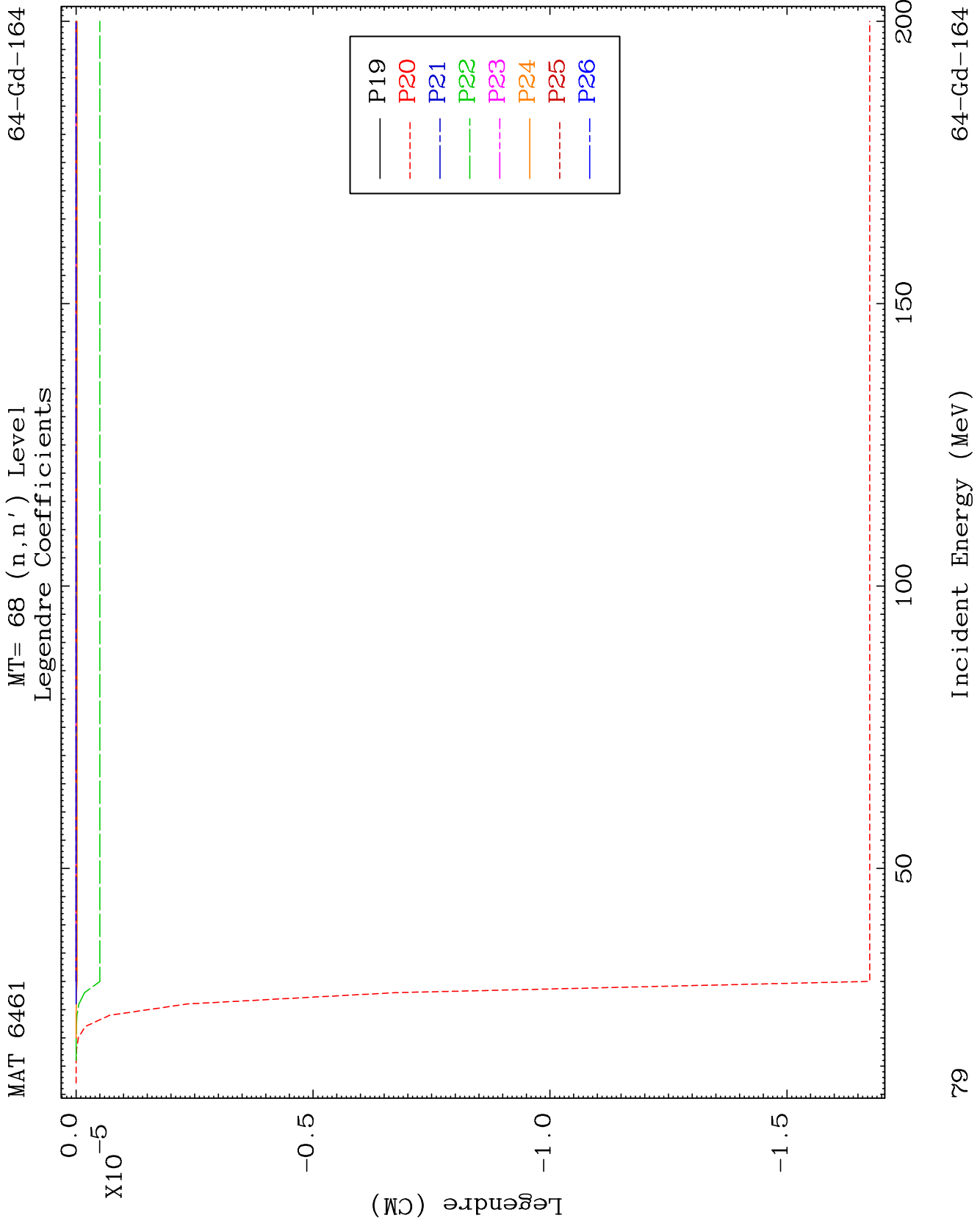
64-Gd-164



78

Incident Energy (MeV)

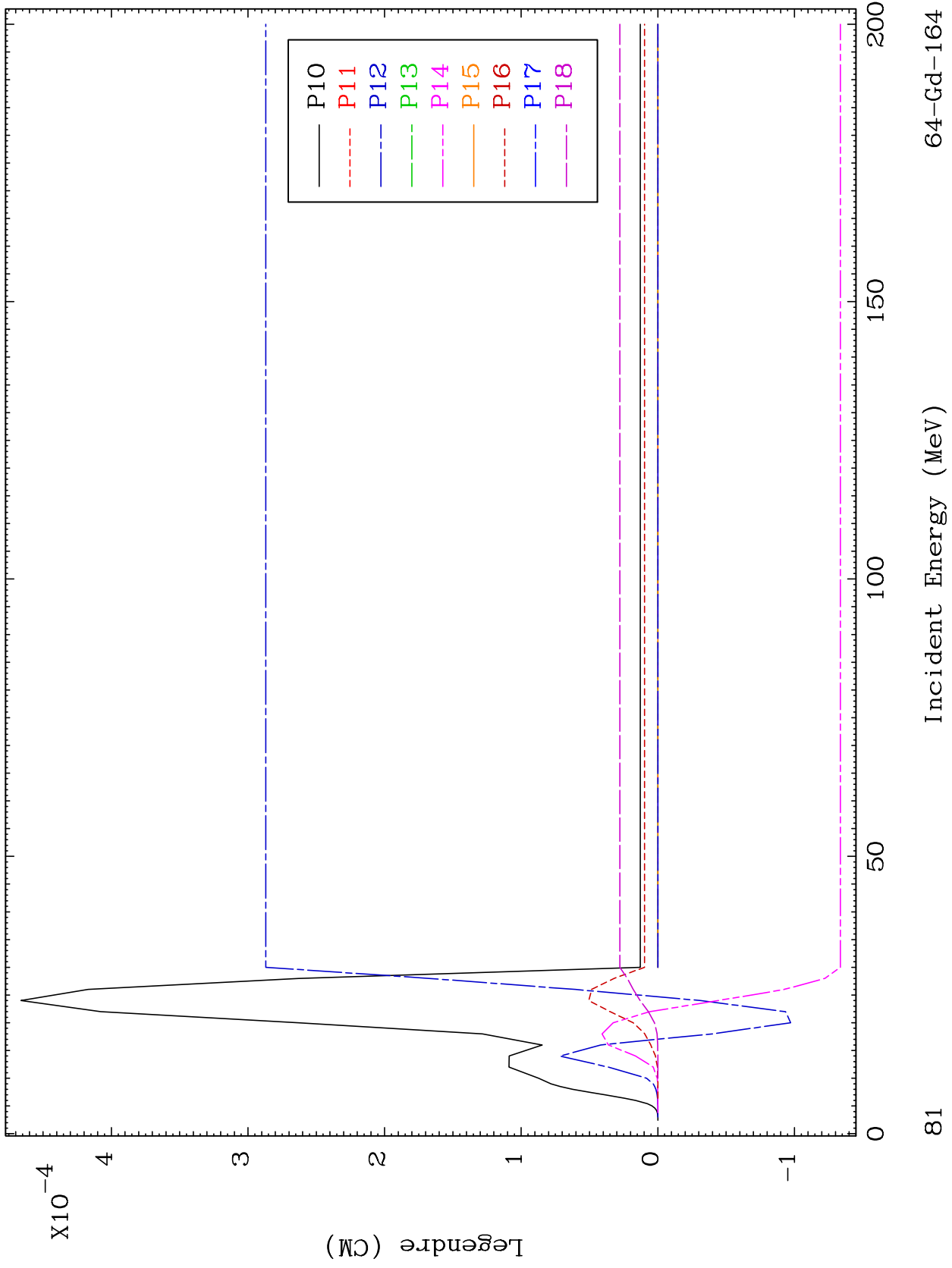
64-Gd-164



MAT 6461

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

64-Gd-164



64-Gd-164

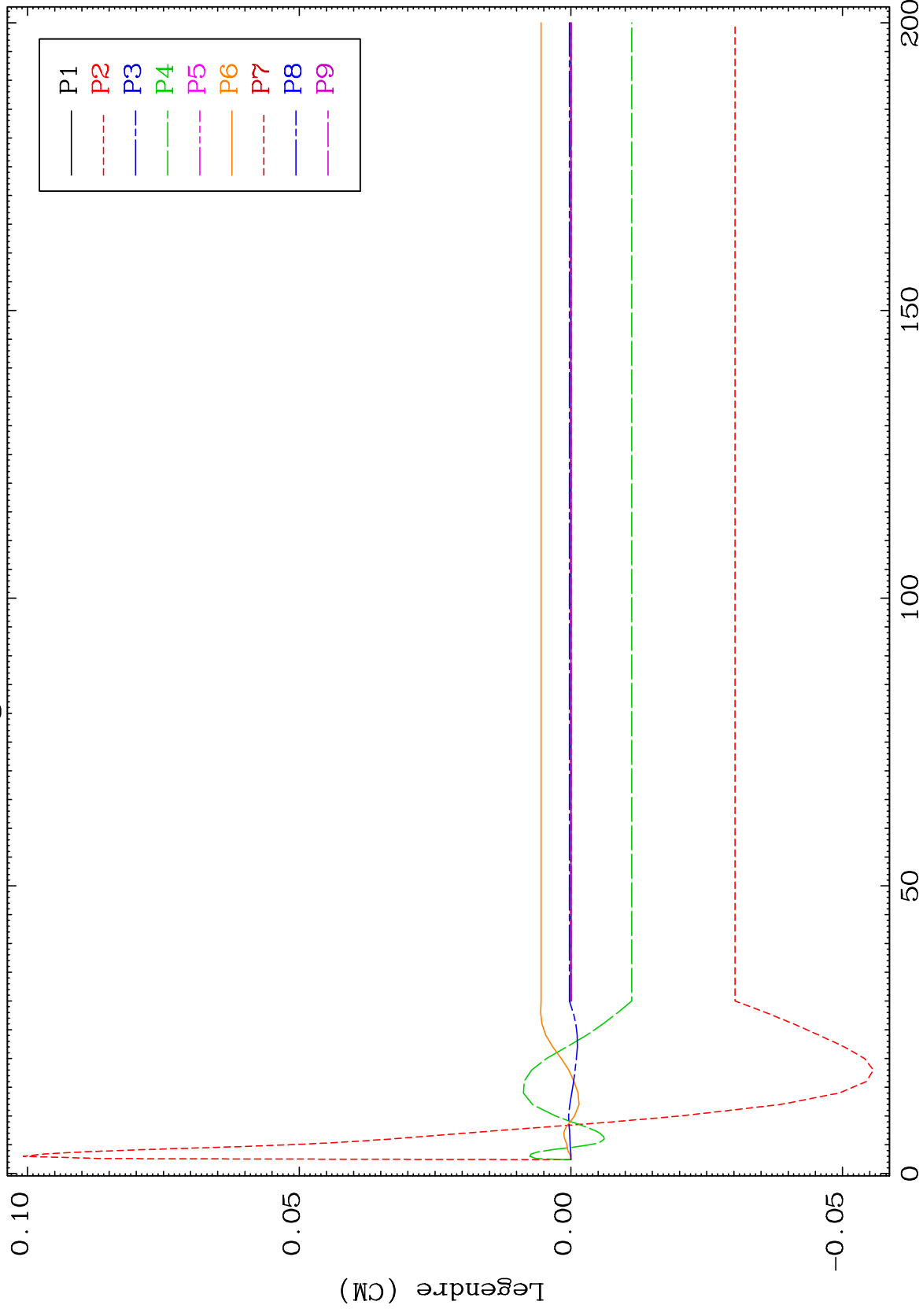
Incident Energy (MeV)

81

MAT 6461

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

64-Gd-164



83

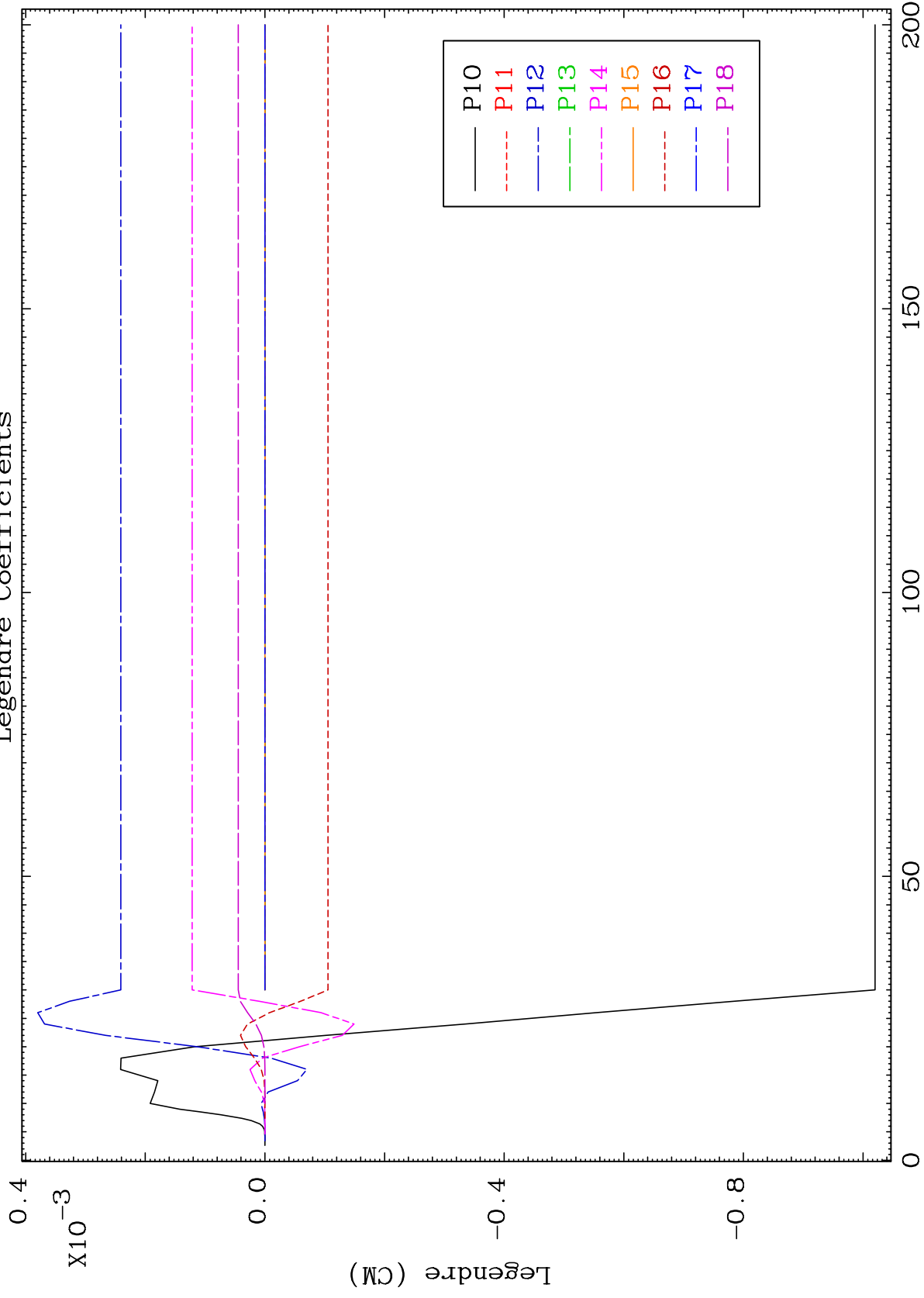
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



84

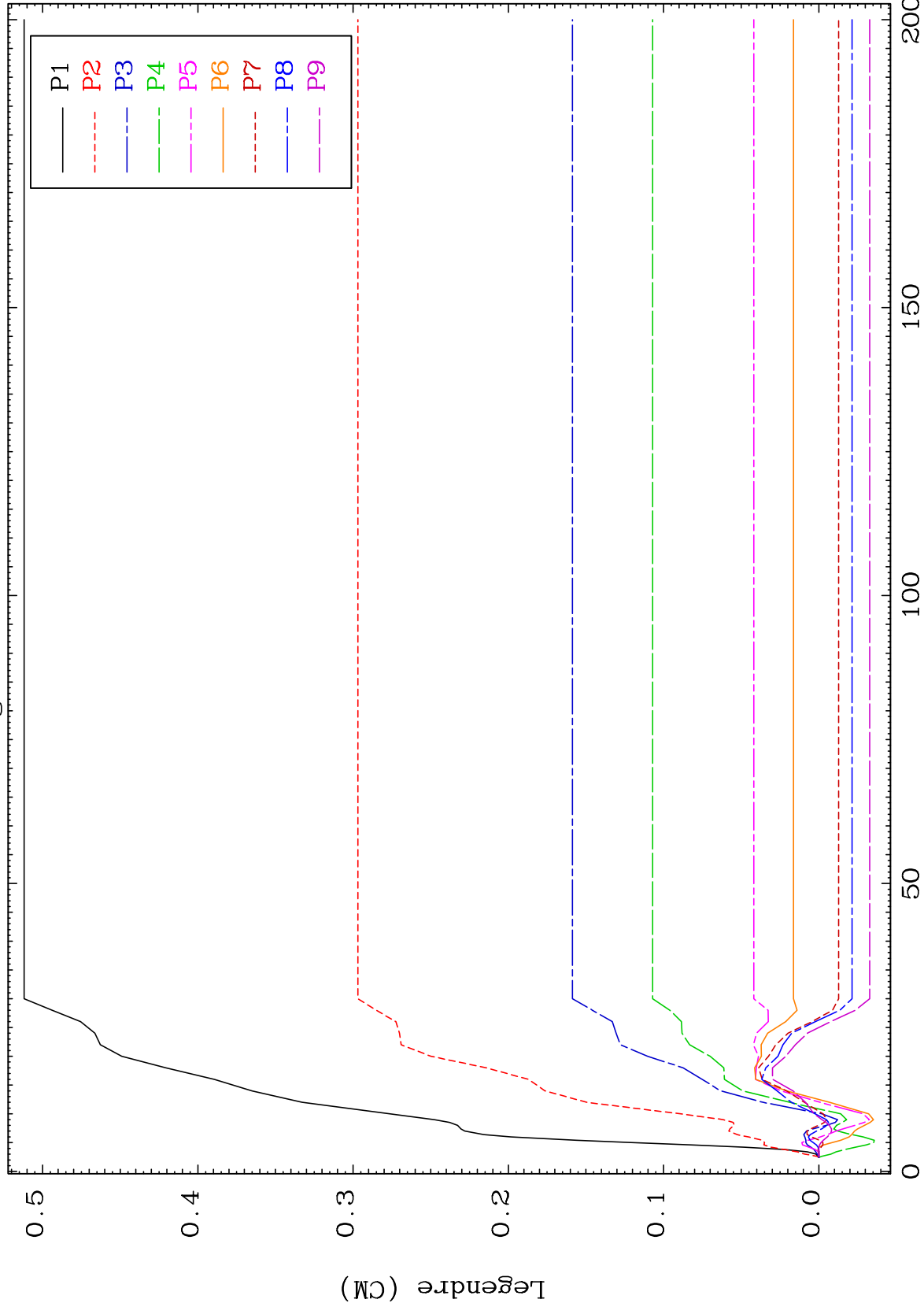
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



86

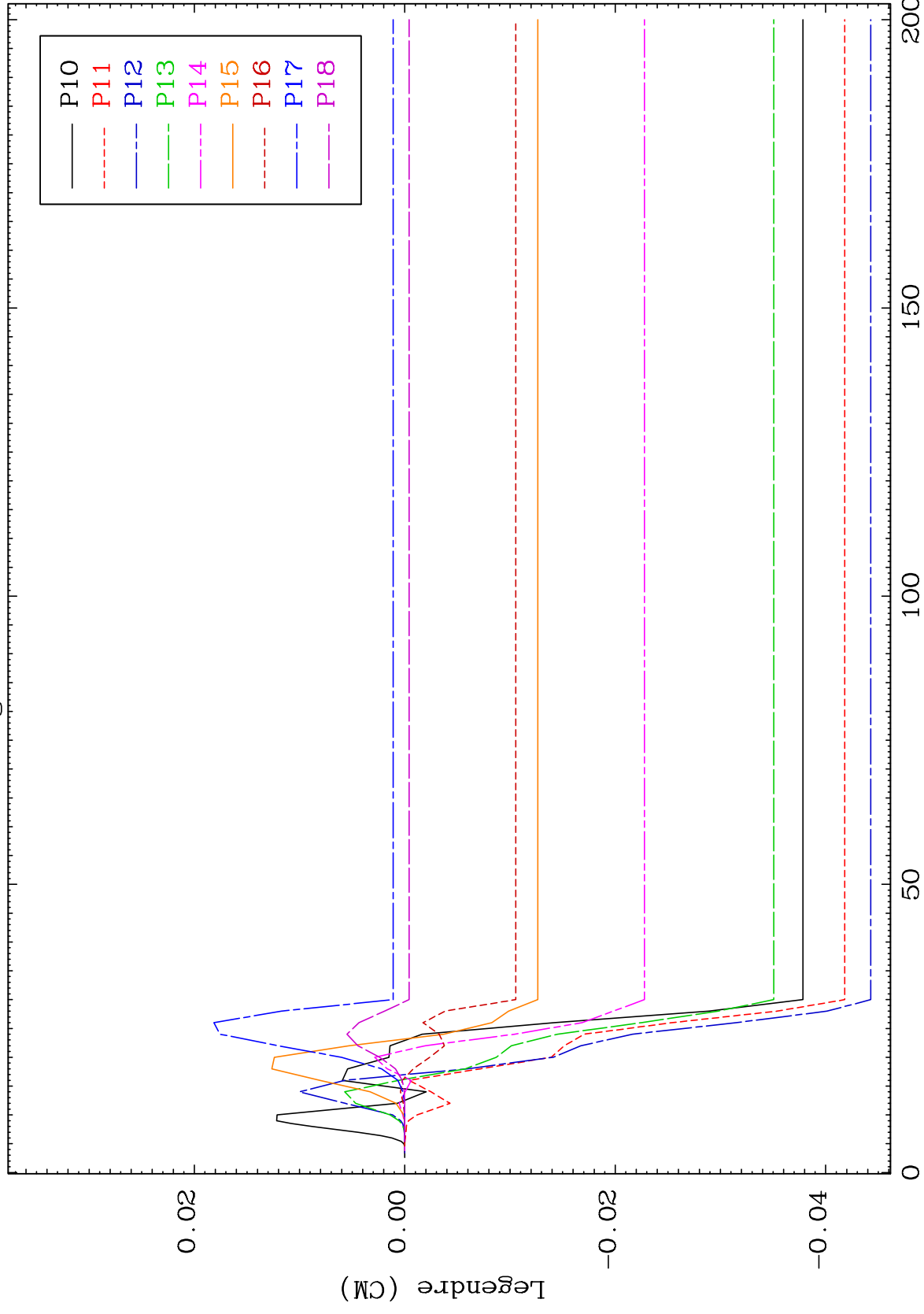
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



87

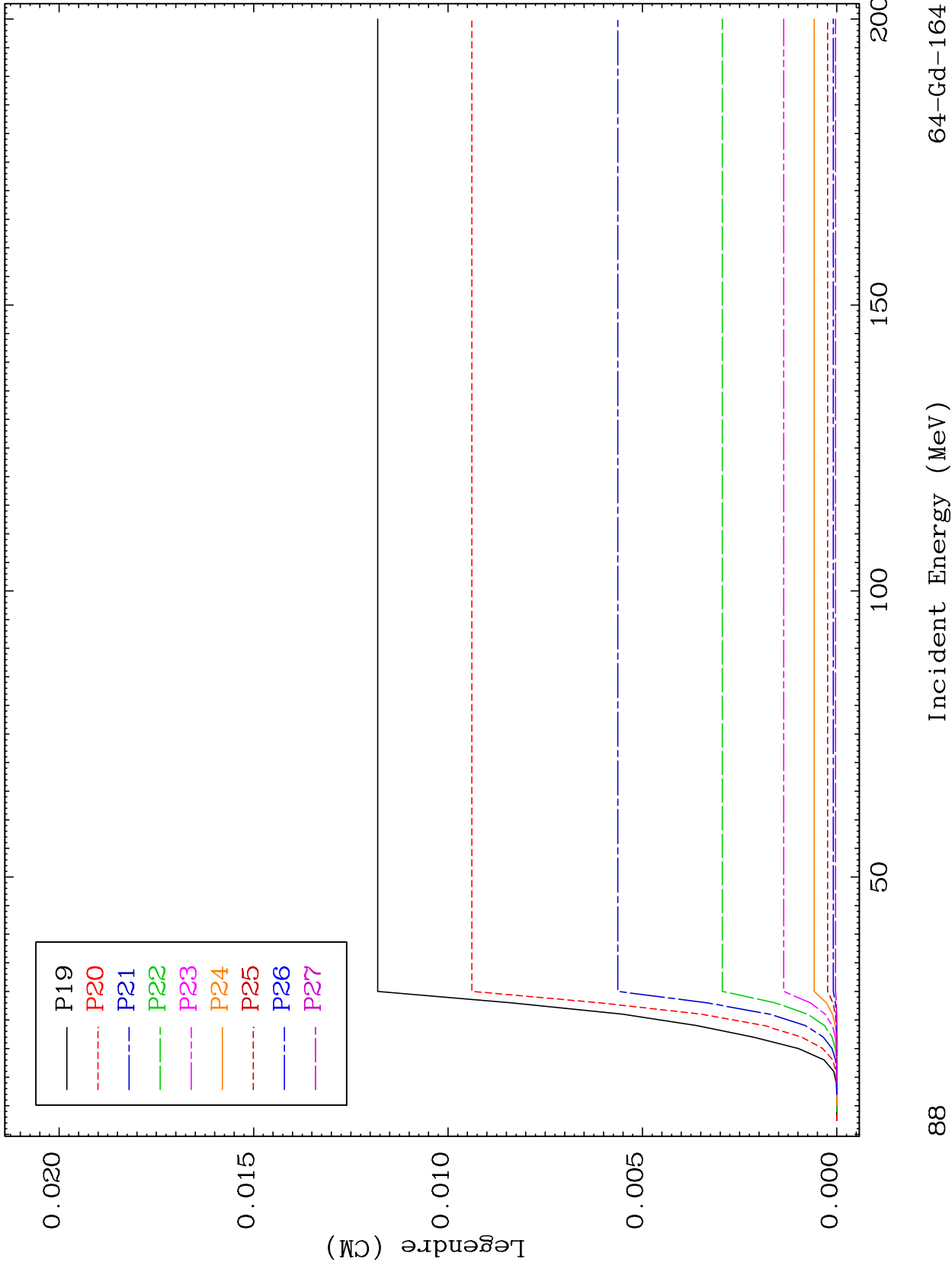
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

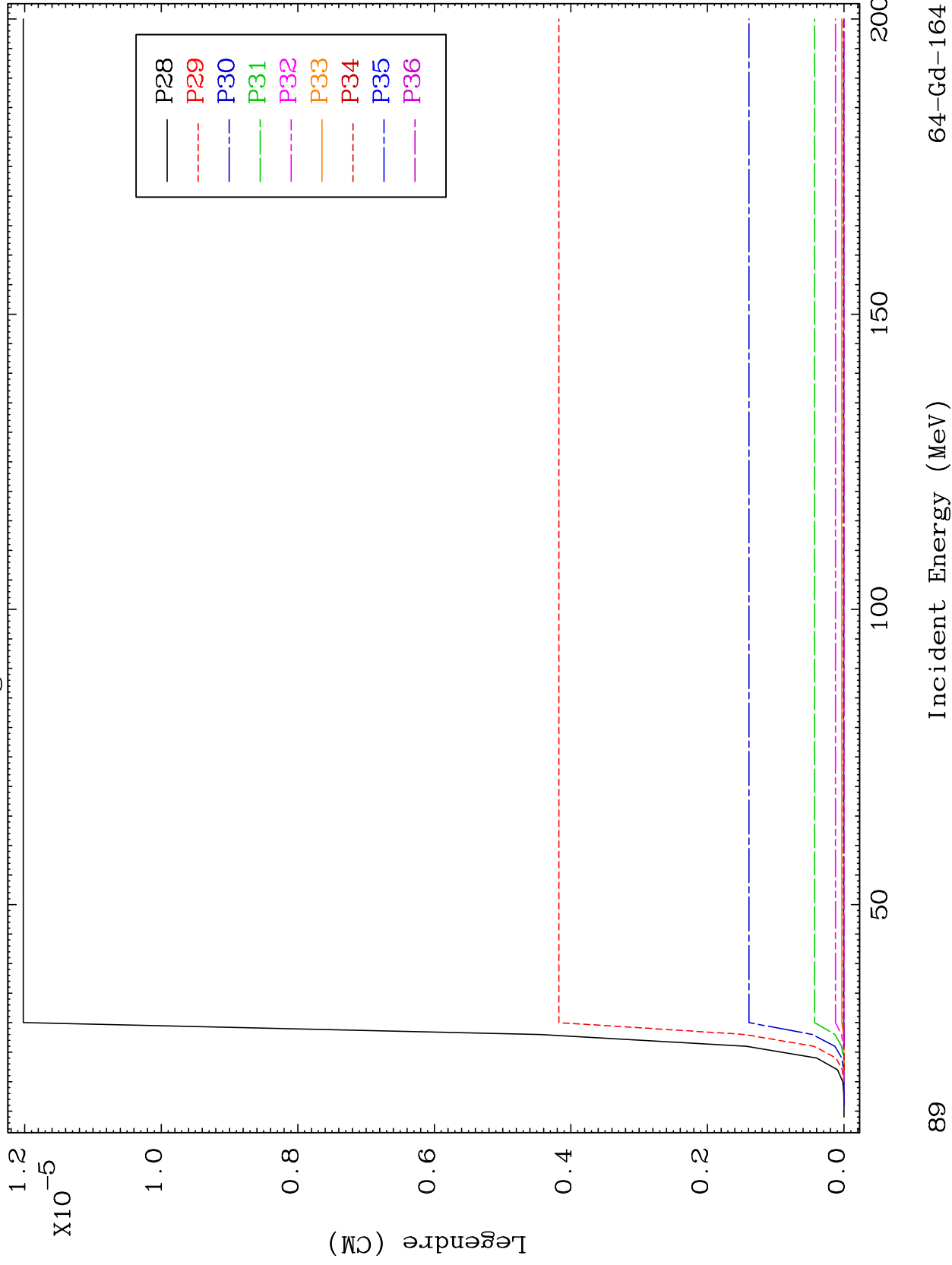


88

MAT 6461

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

64-Gd-164



89

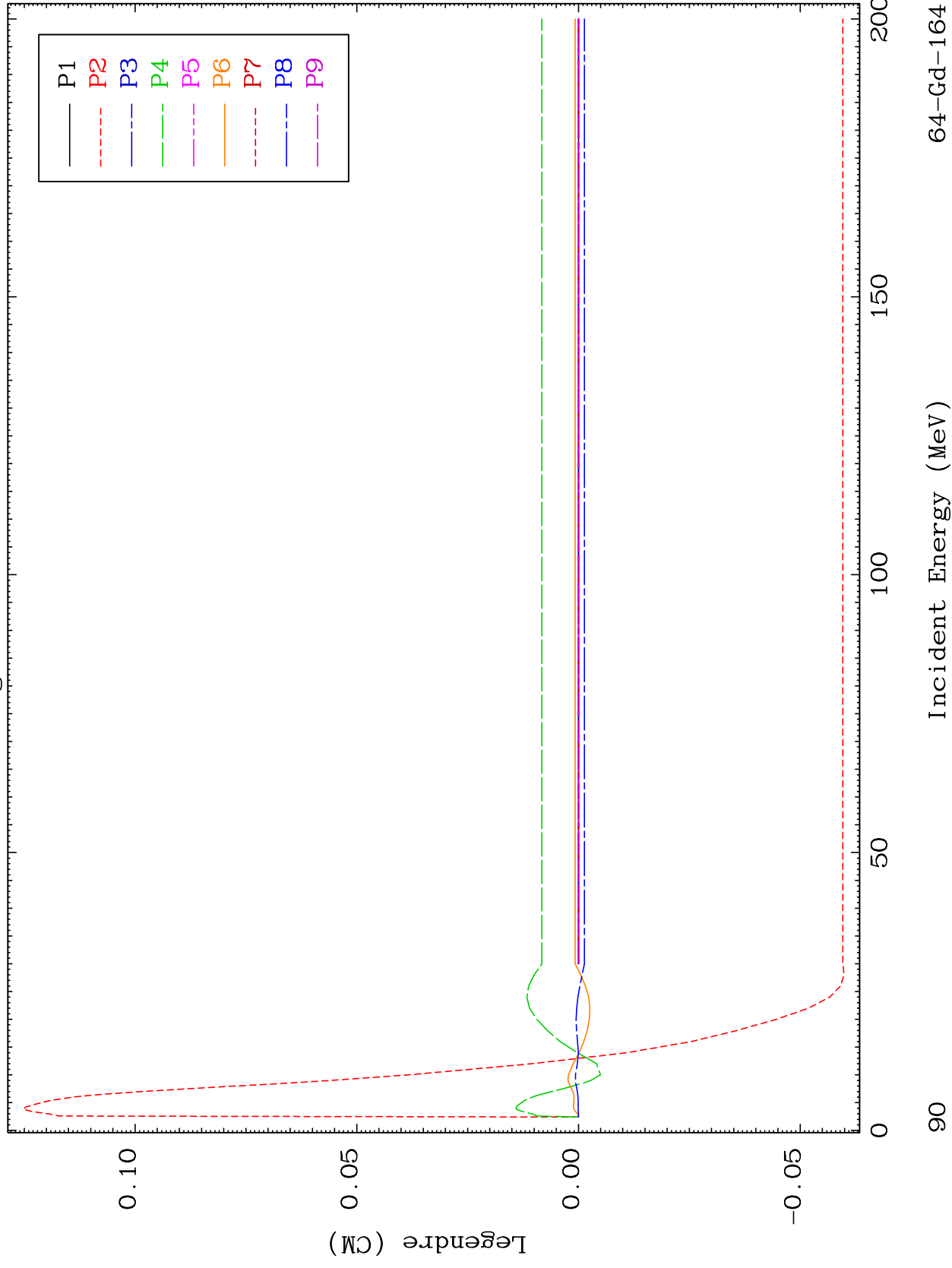
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

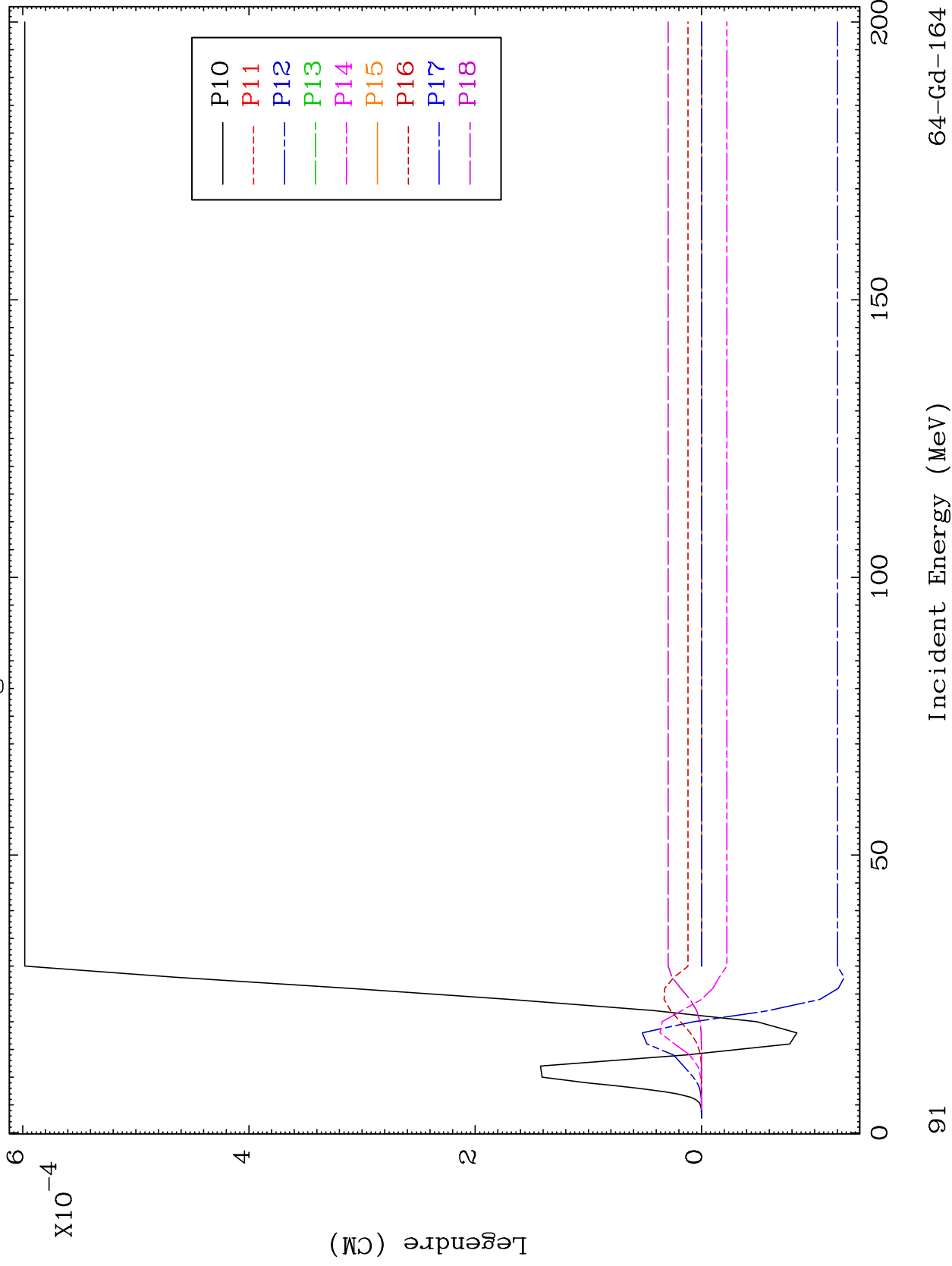
64-Gd-164

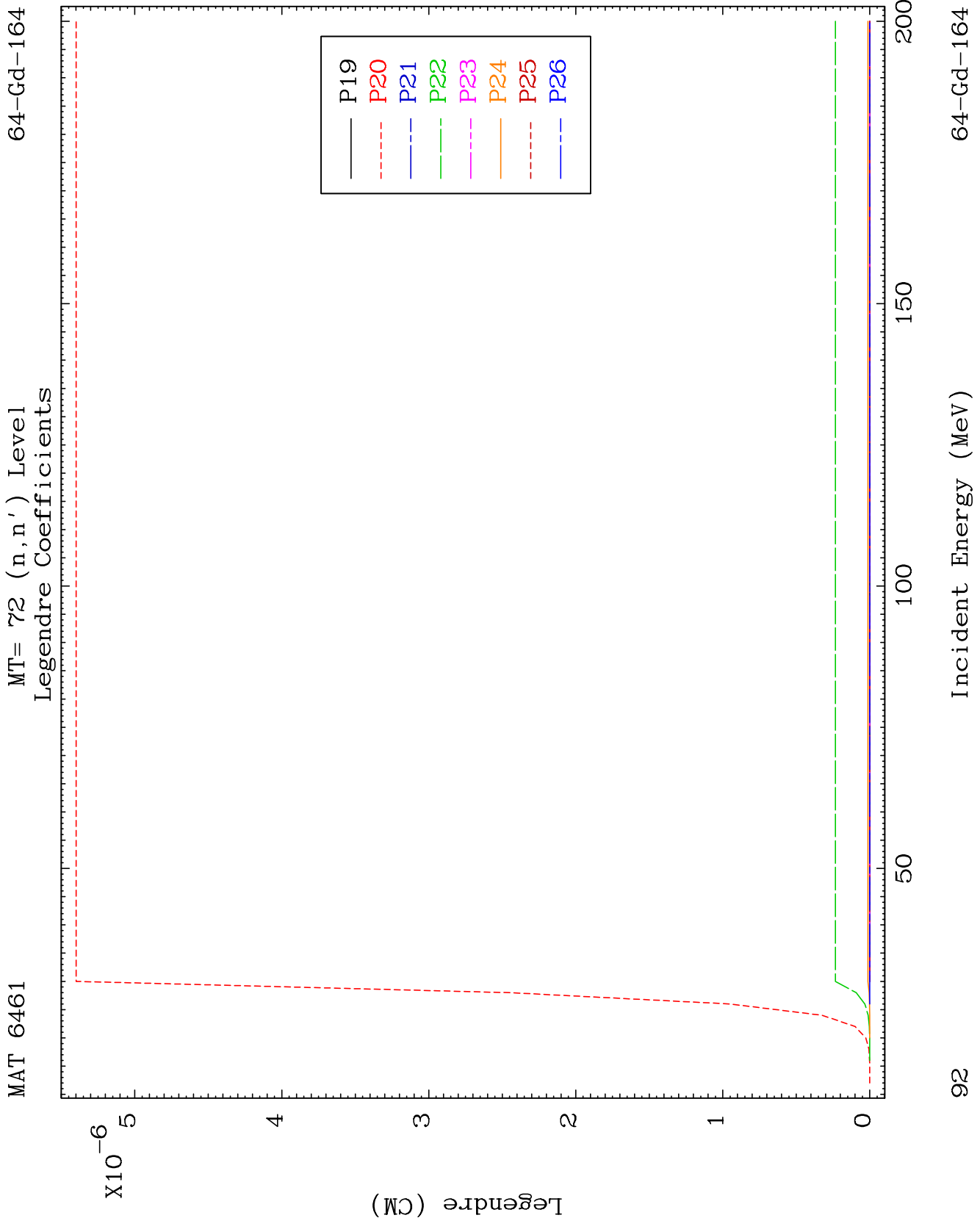


MAT 6461

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

64-Gd-164

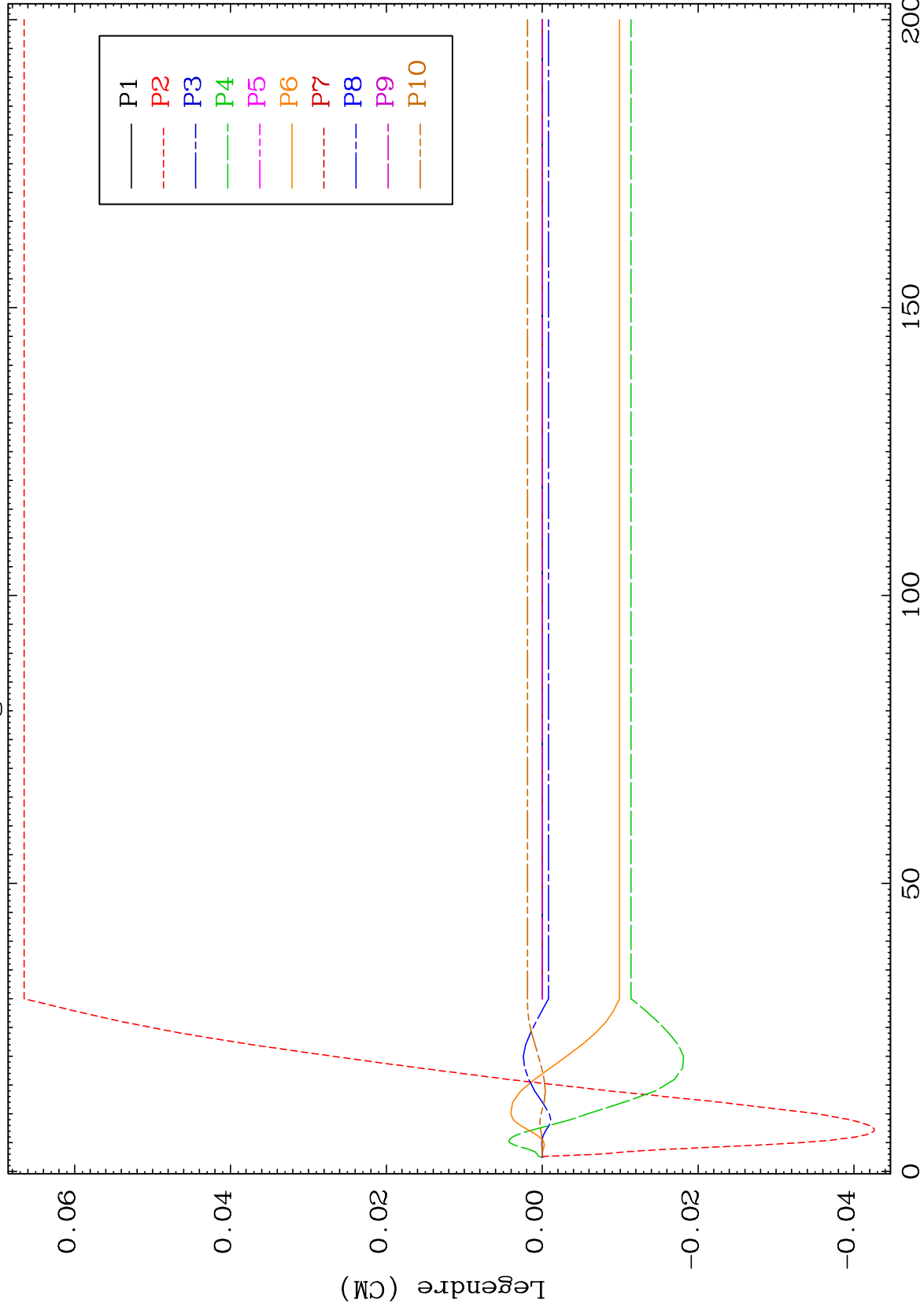




MAT 6461

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

64-Gd-164



93

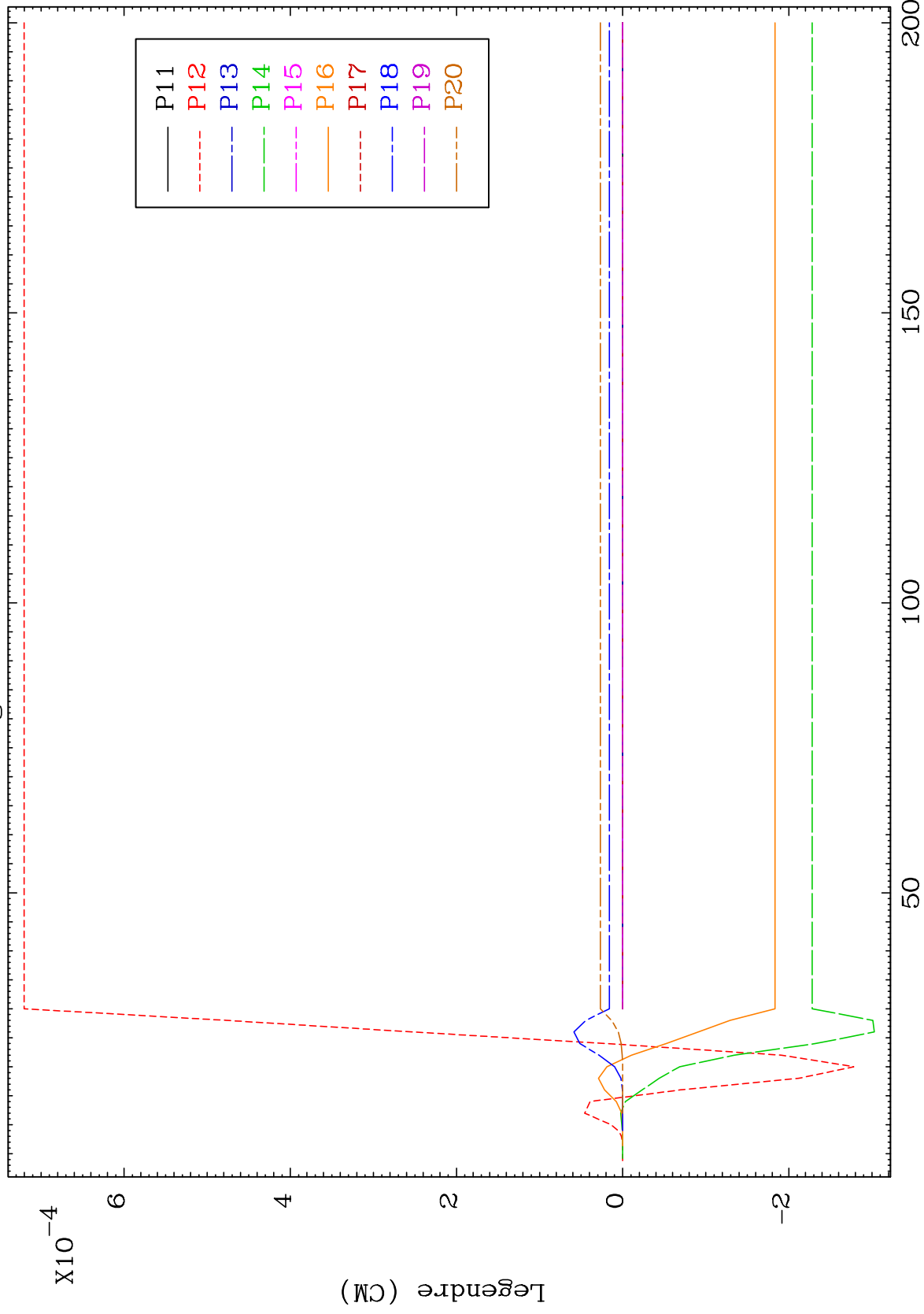
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



94

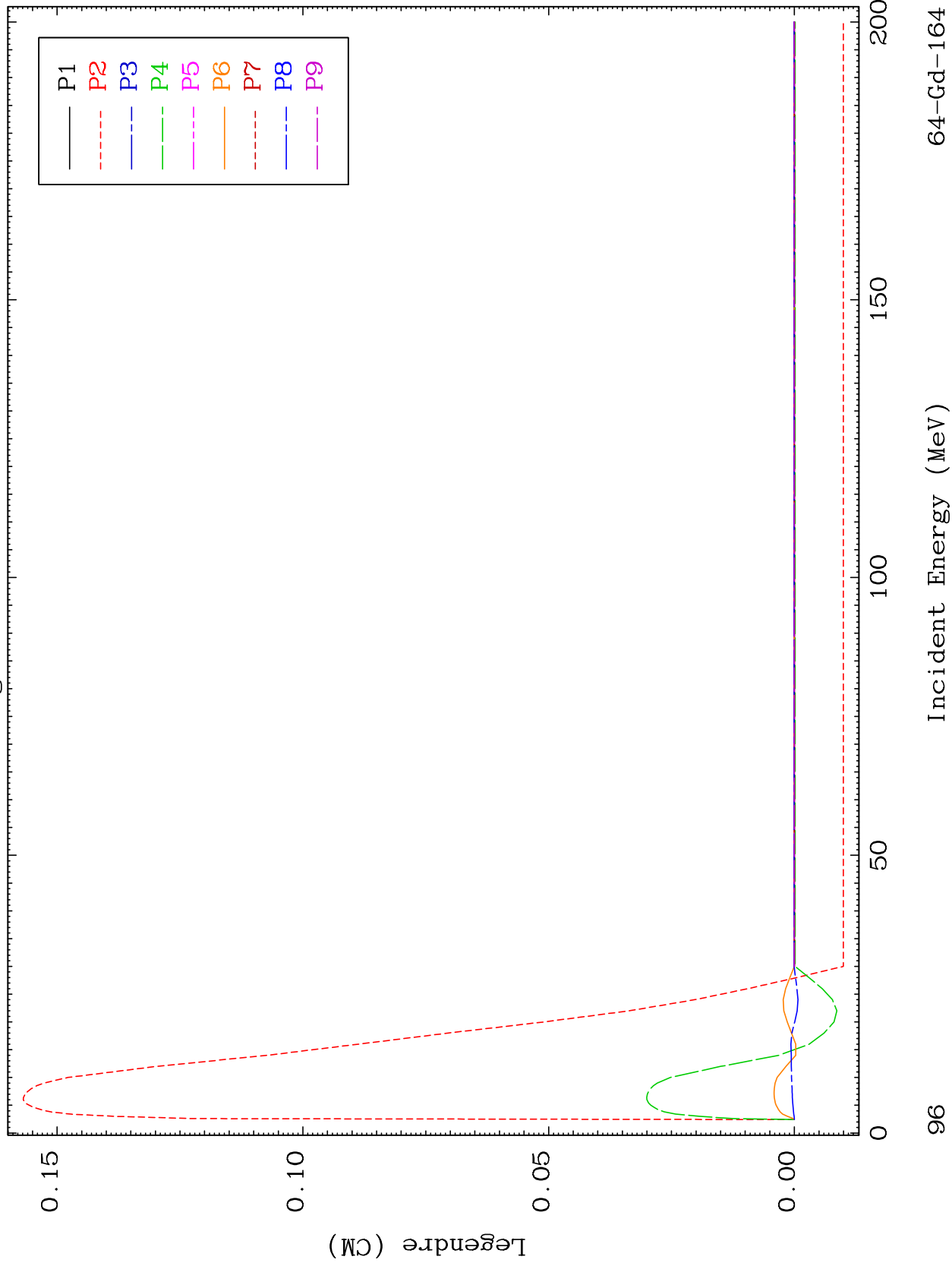
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

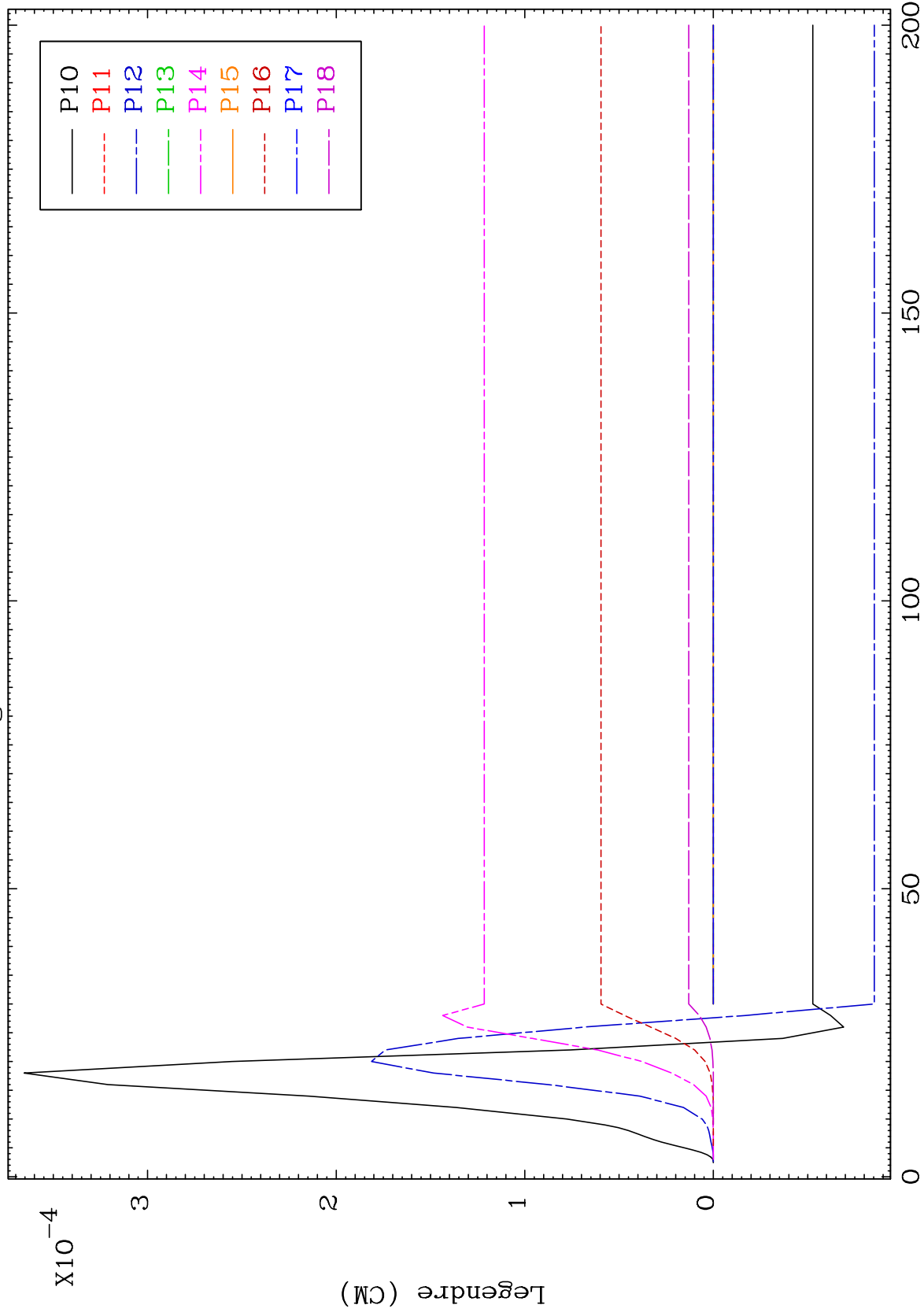


96

MAT 6461

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

64-Gd-164



97

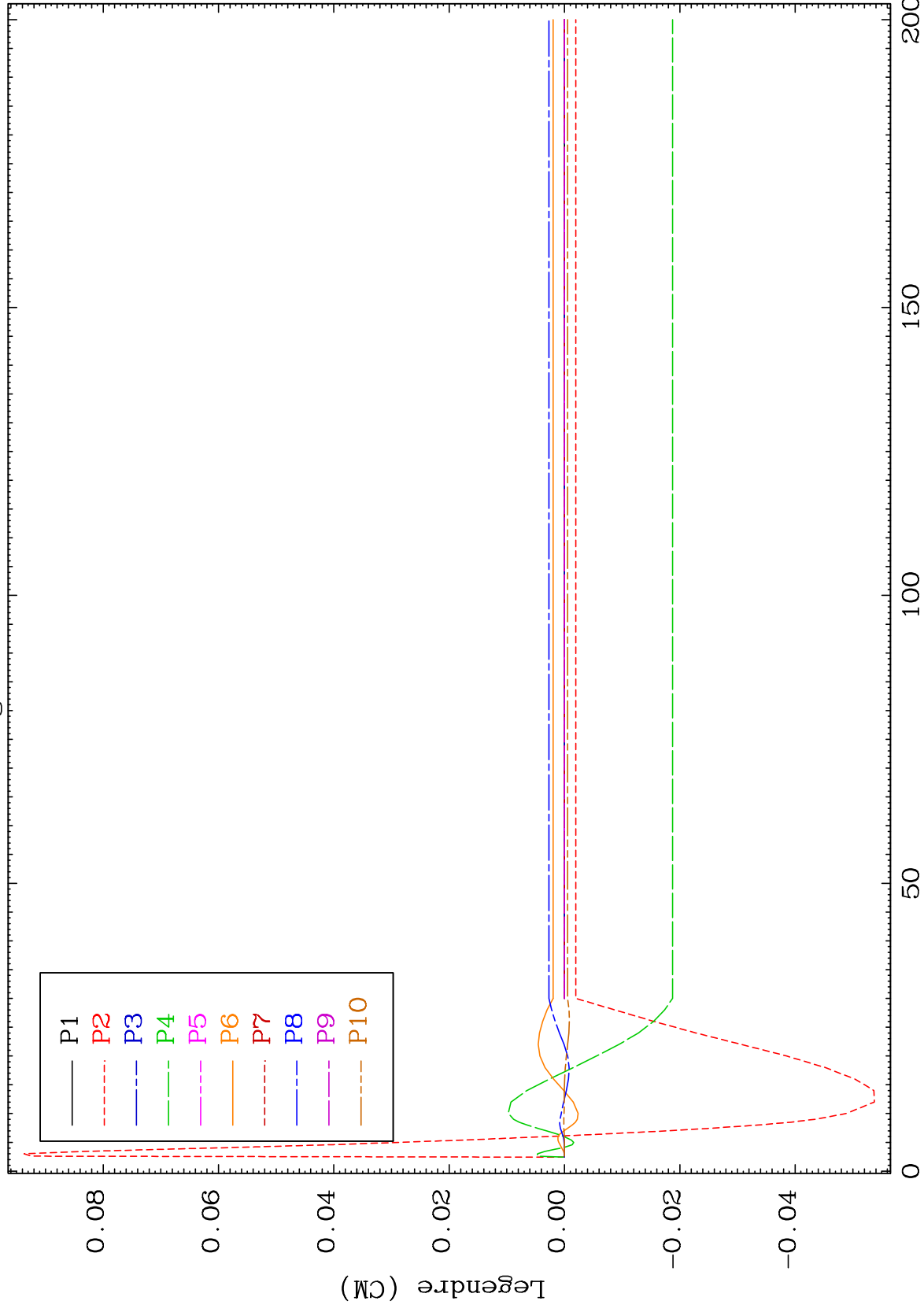
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



99

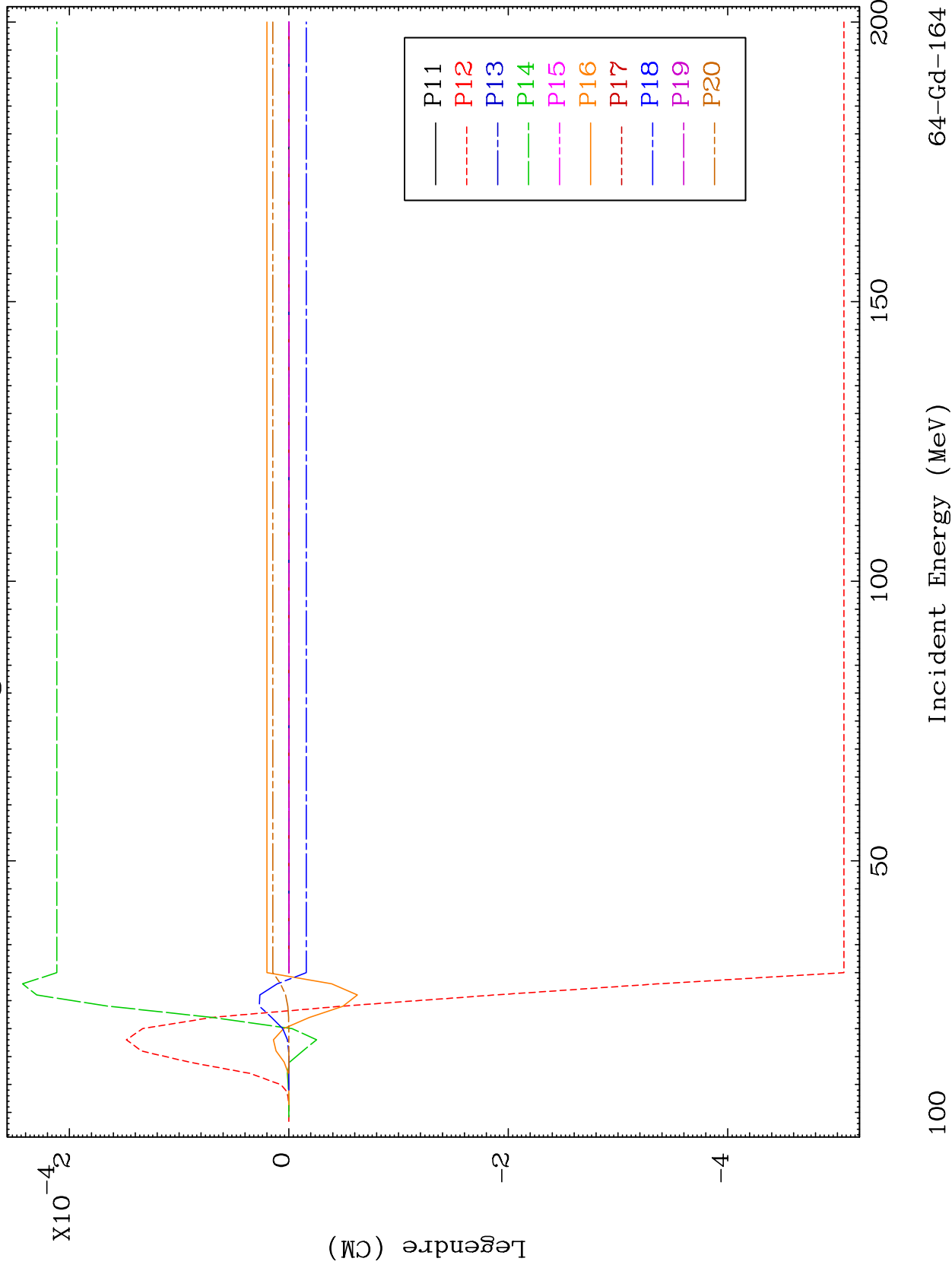
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

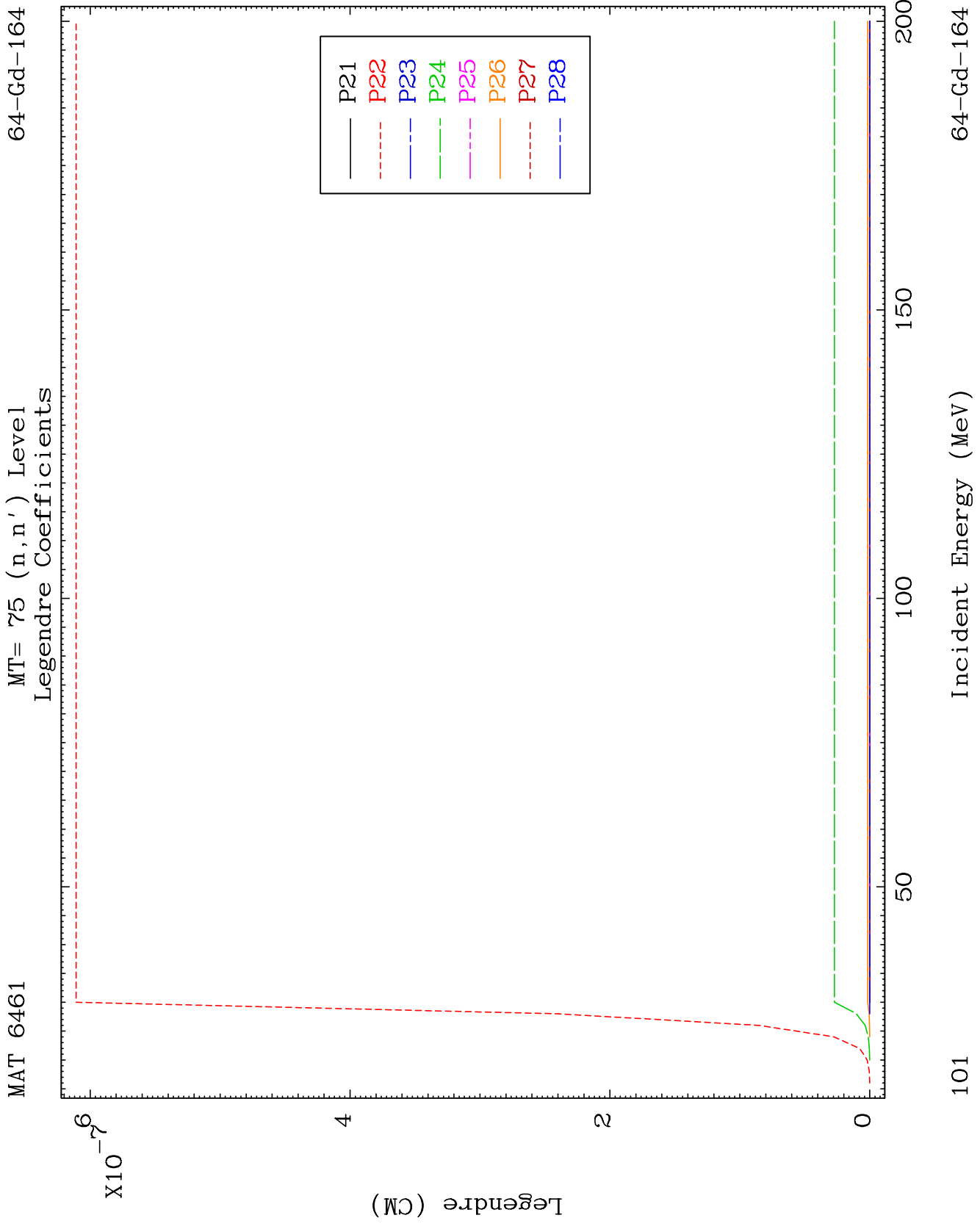
64-Gd-164



64-Gd-164

Incident Energy (MeV)

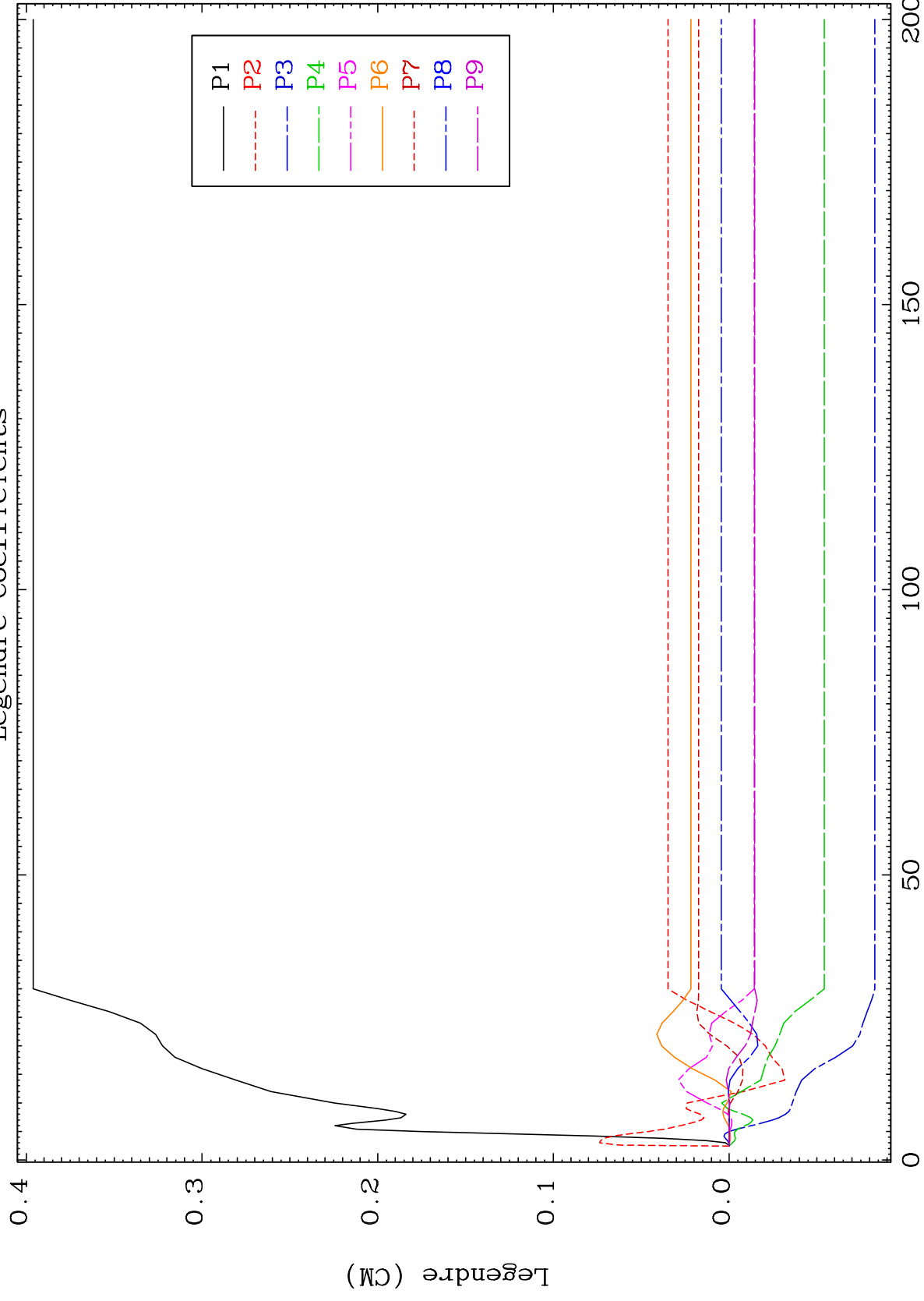
100



MAT 6461

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

64-Gd-164



102

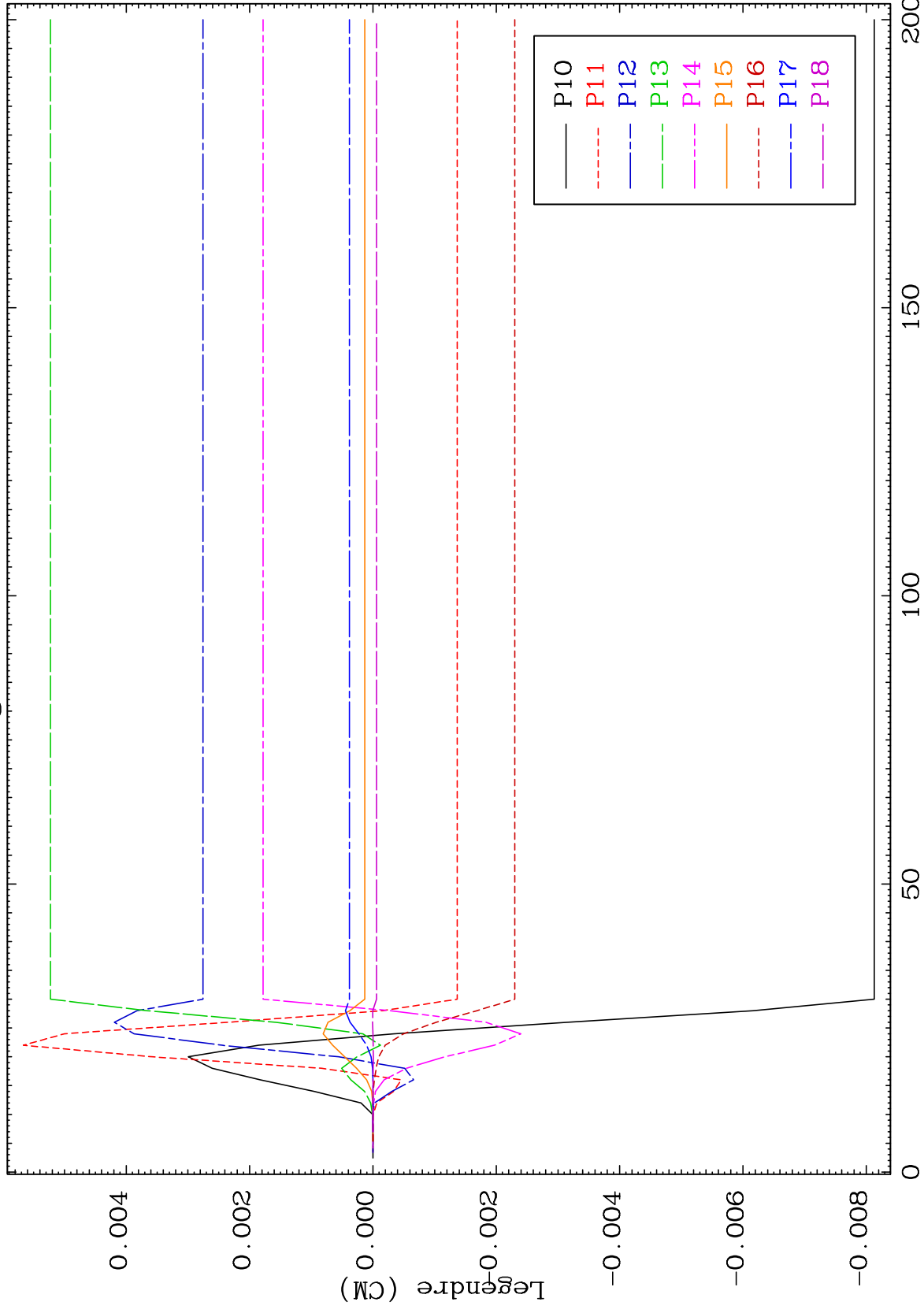
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



103

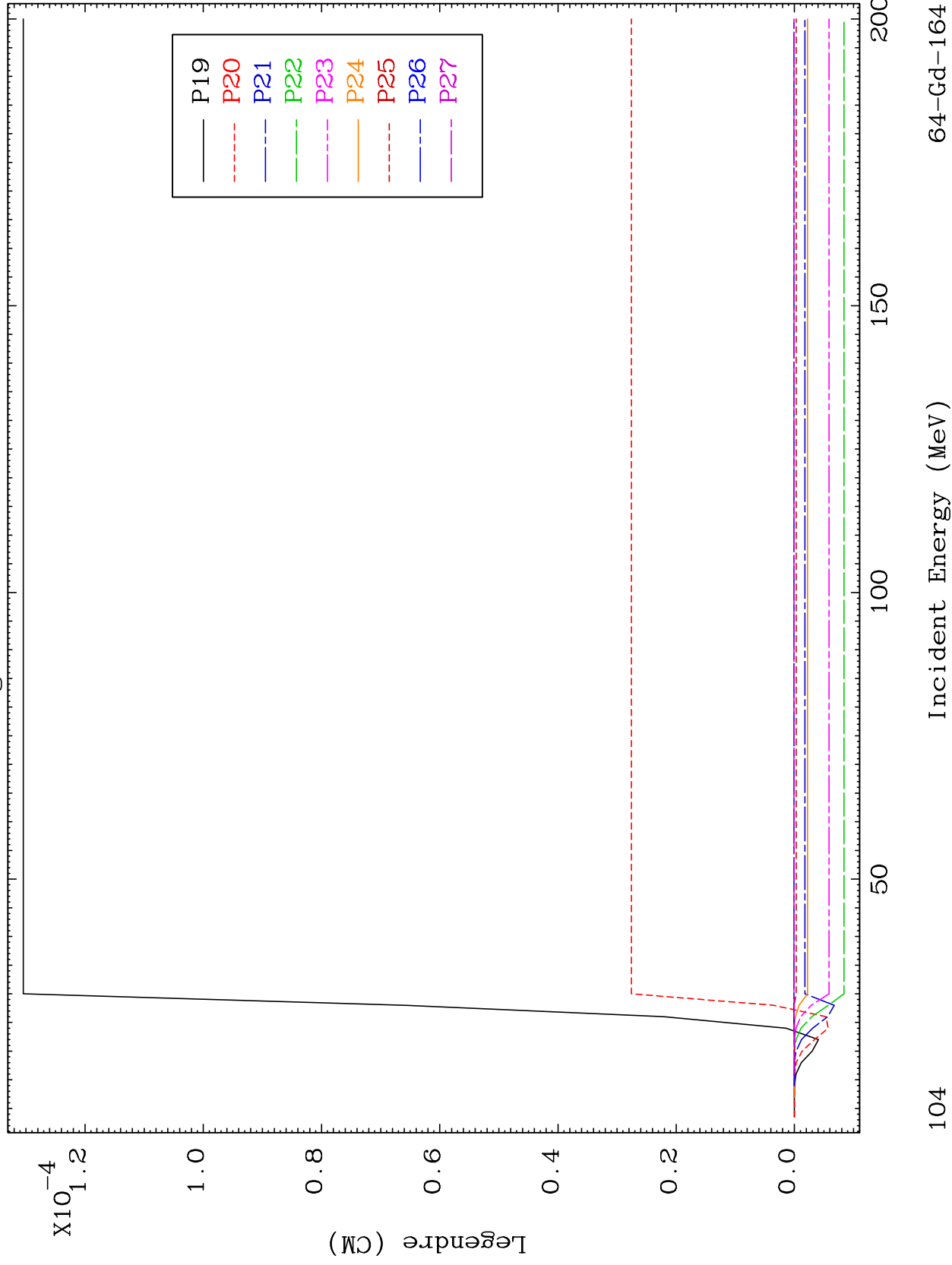
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164

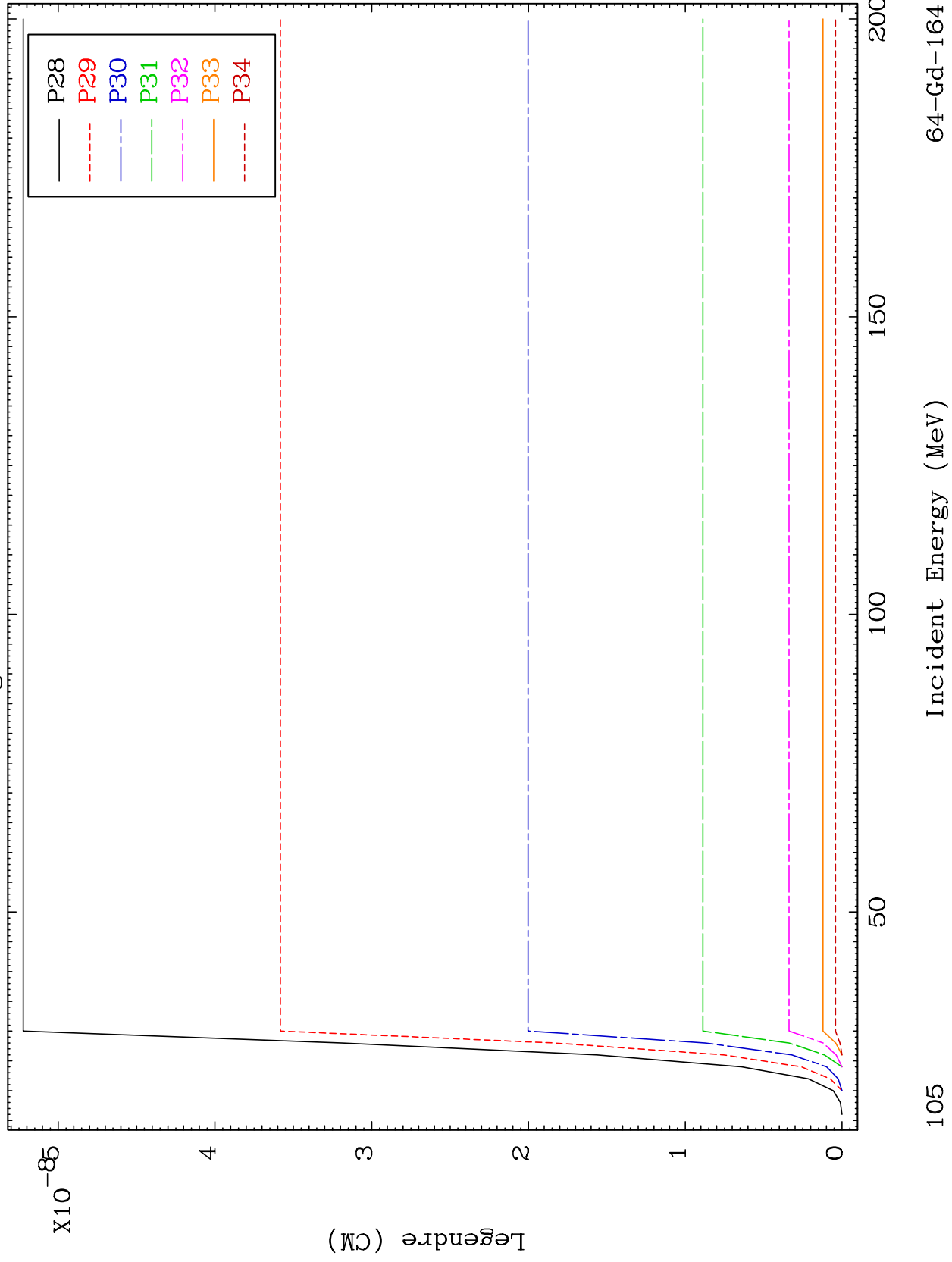


104

MAT 6461

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

64-Gd-164



105

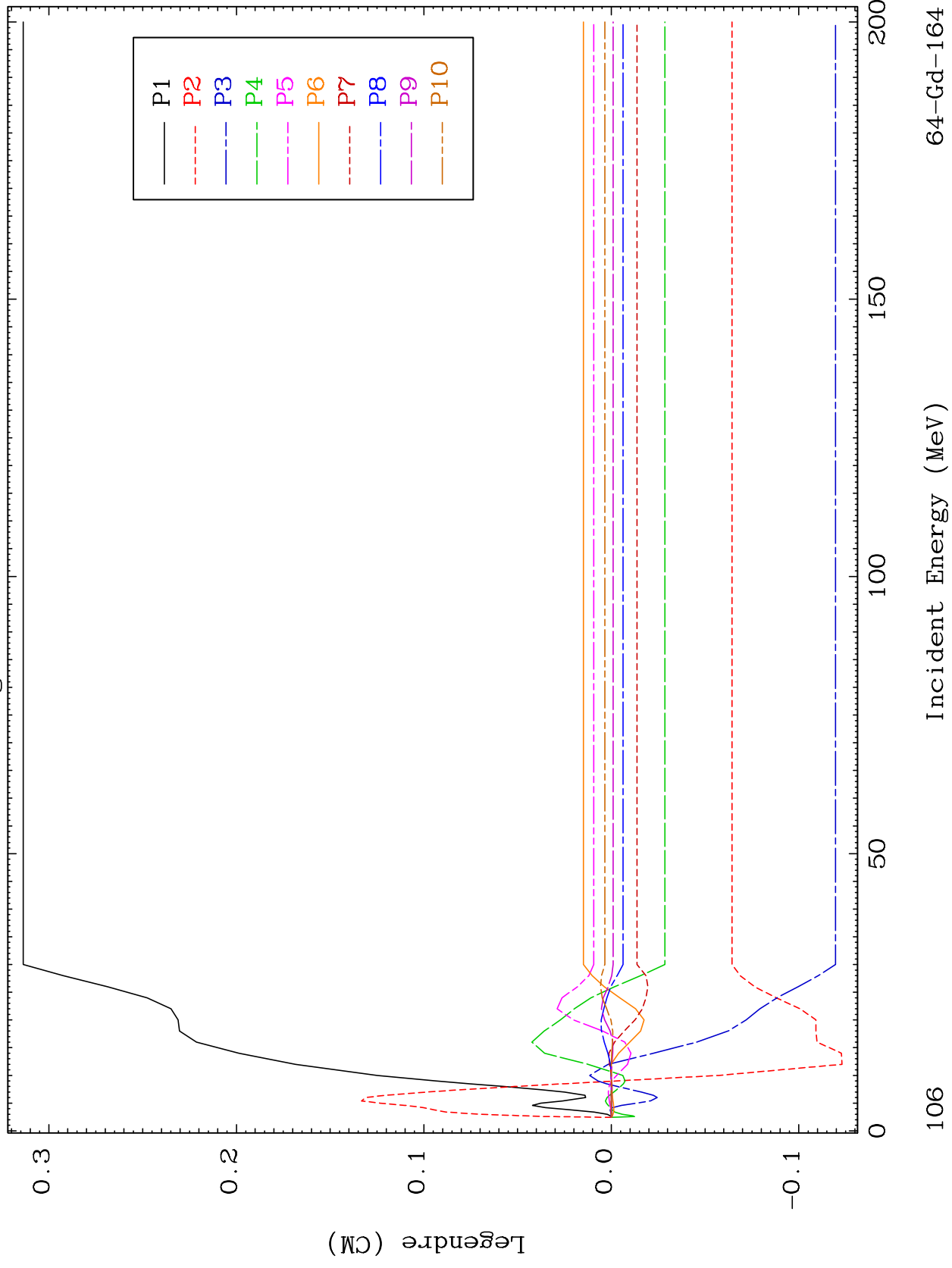
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



106

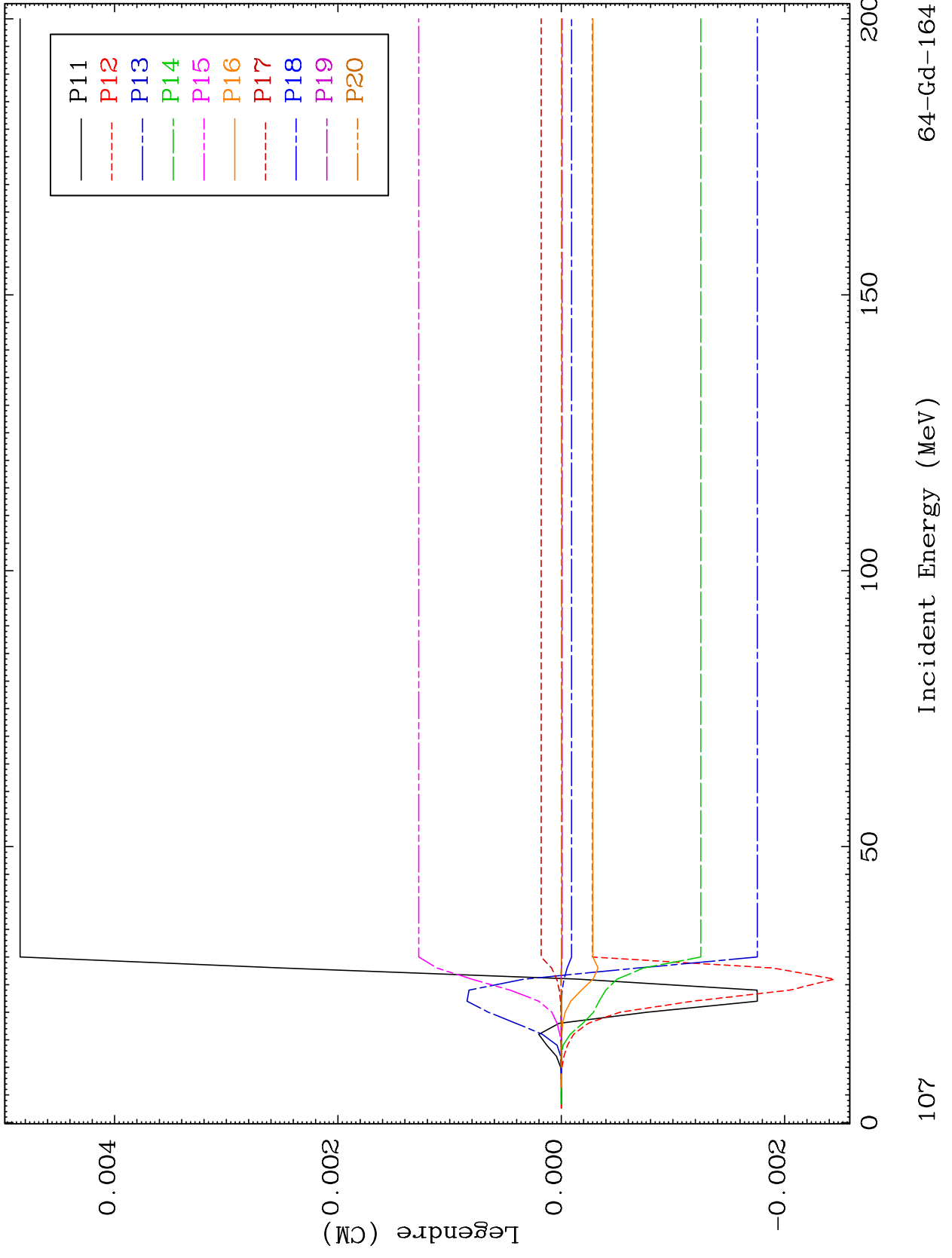
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

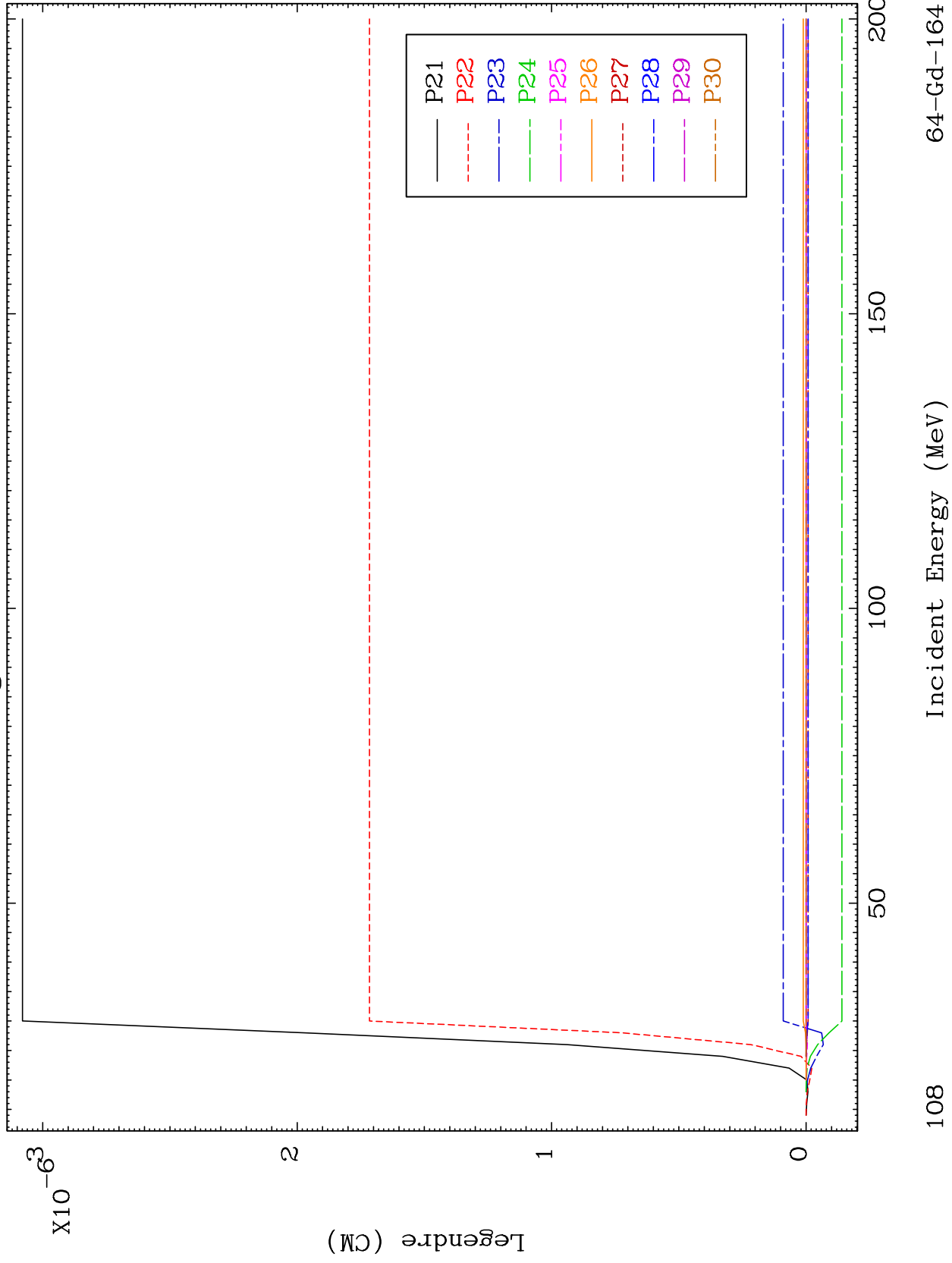
64-Gd-164



MAT 6461

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

64-Gd-164



108

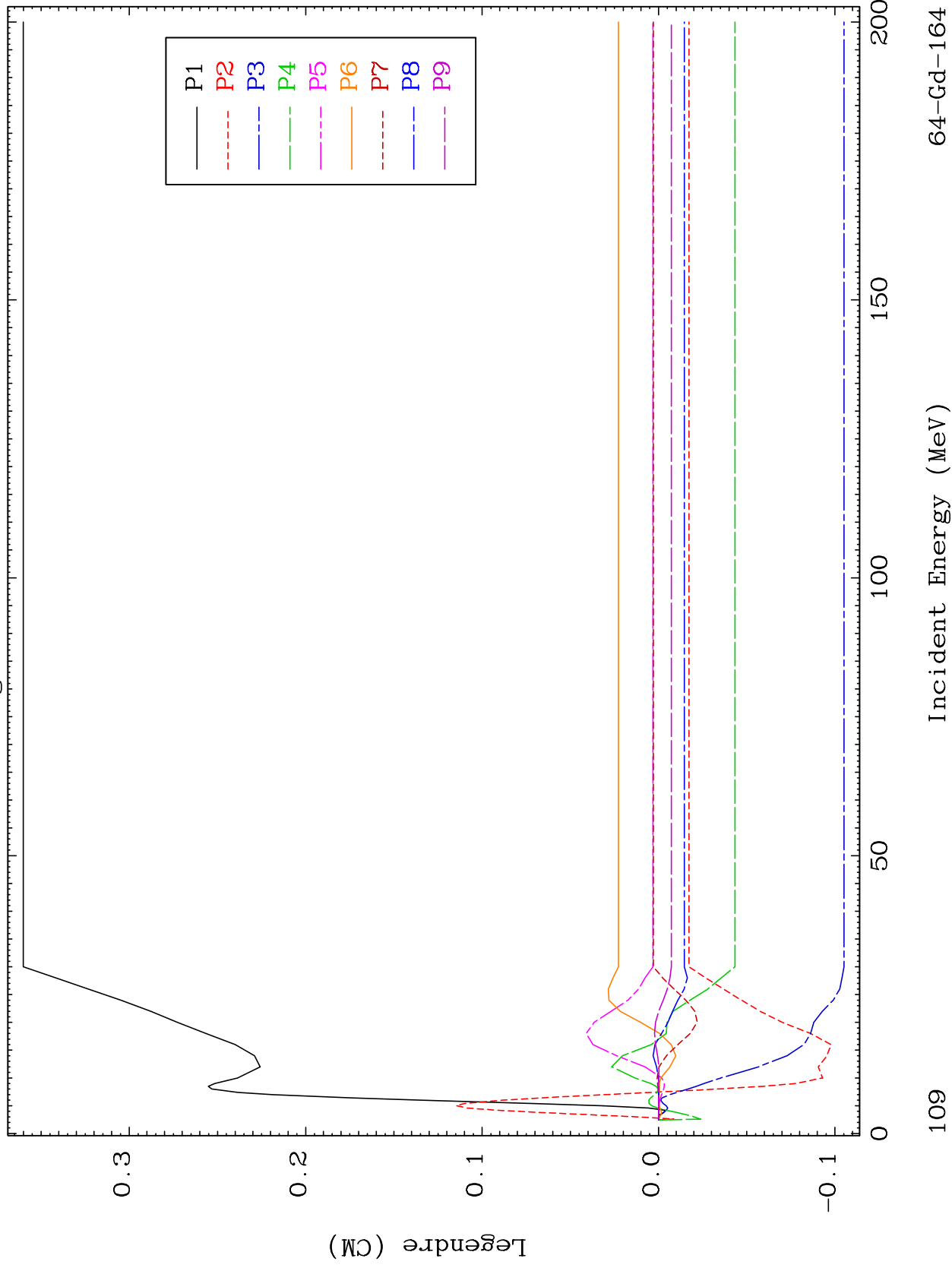
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



64-Gd-164

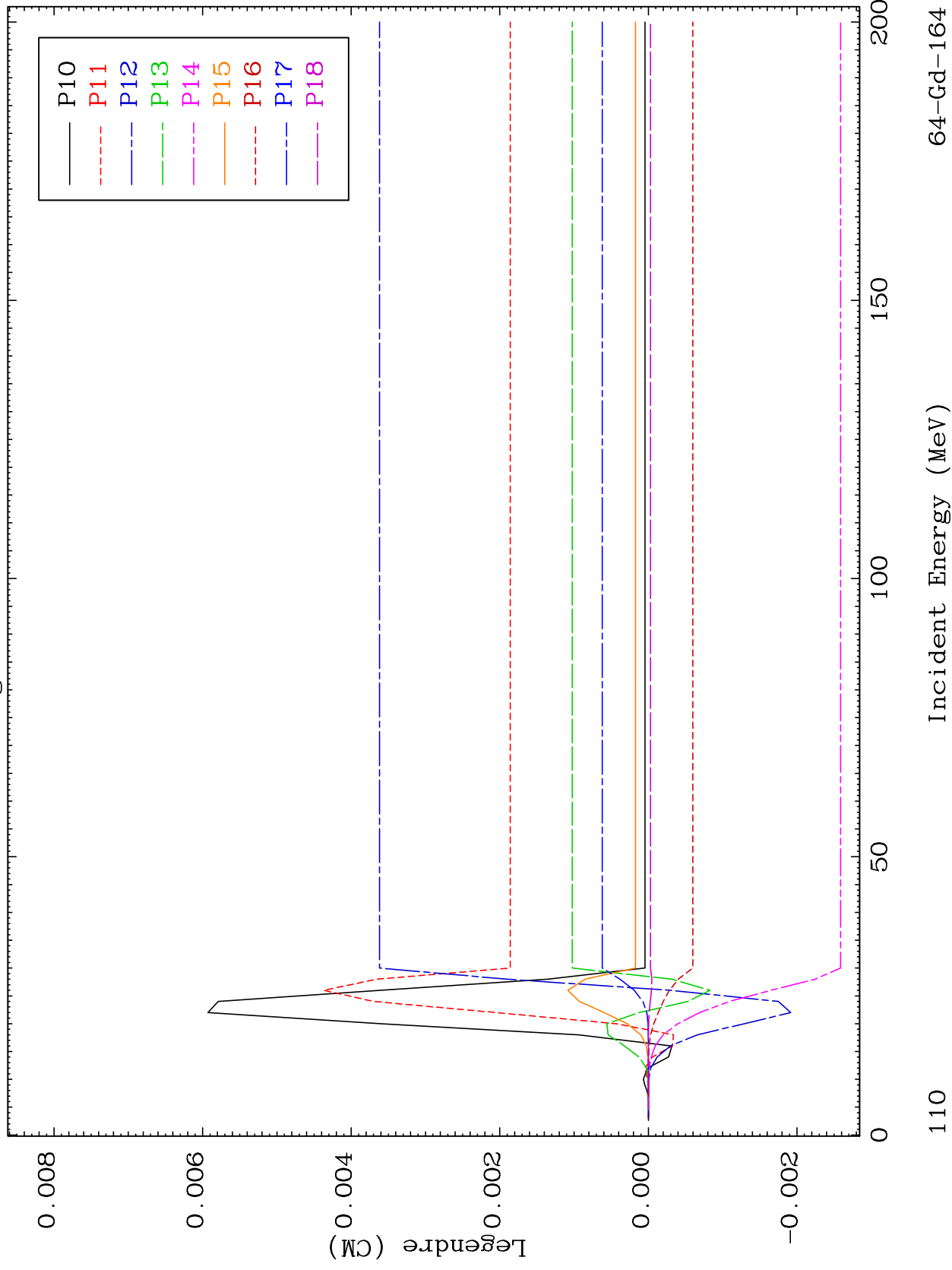
Incident Energy (MeV)

109

MAT 6461

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

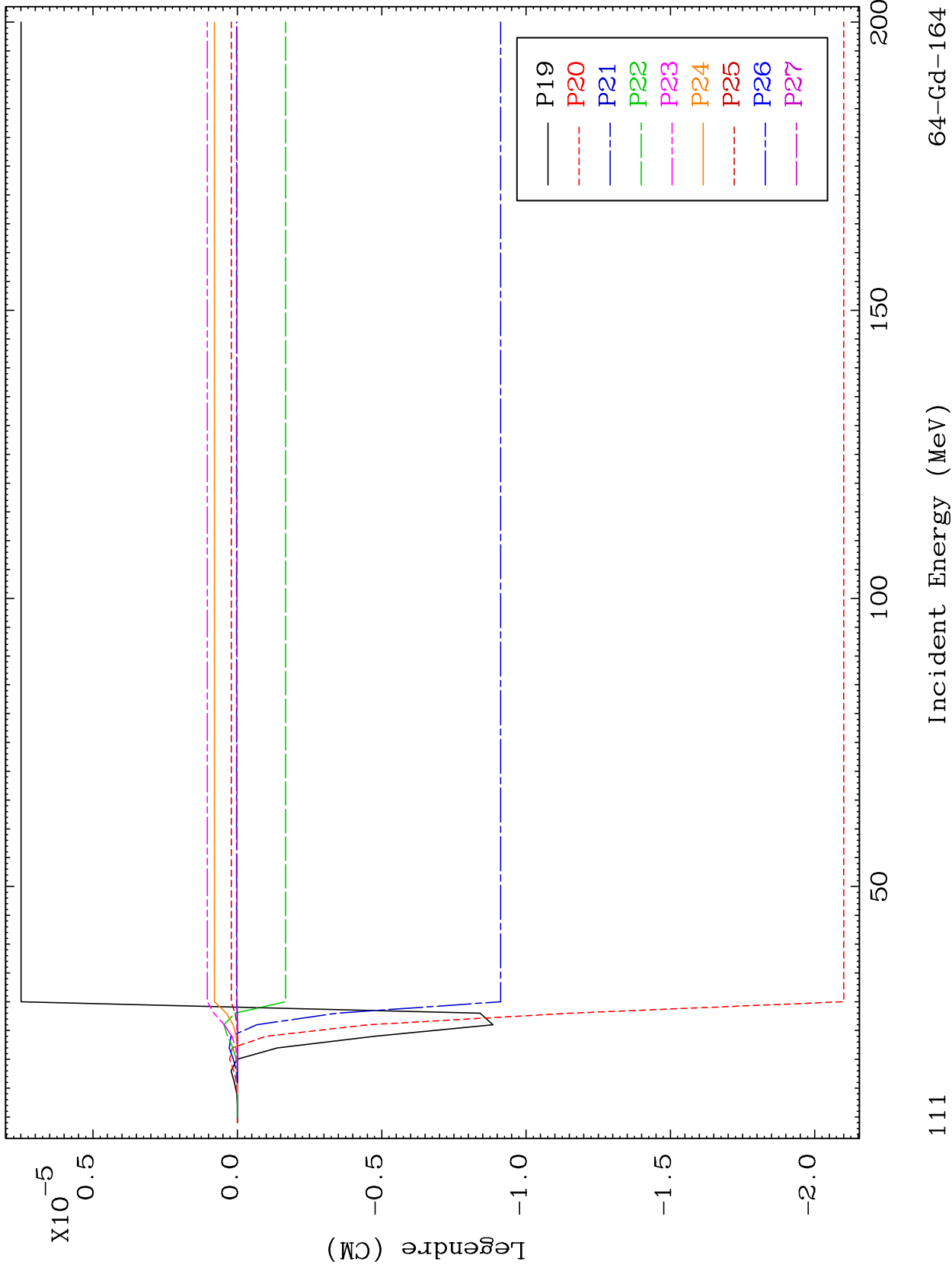
64-Gd-164



64-Gd-164

Incident Energy (MeV)

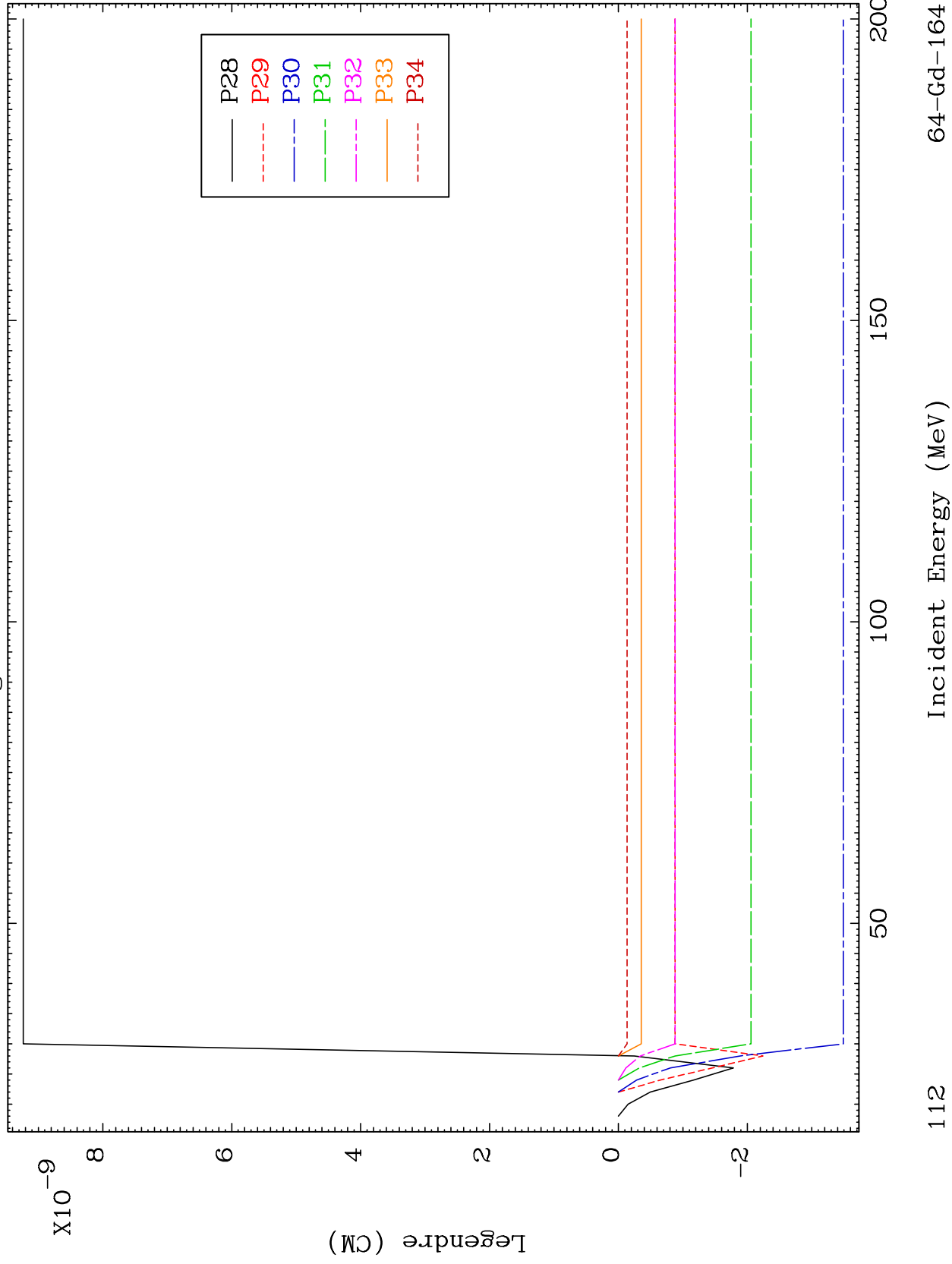
110



MAT 6461

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

64-Gd-164



112

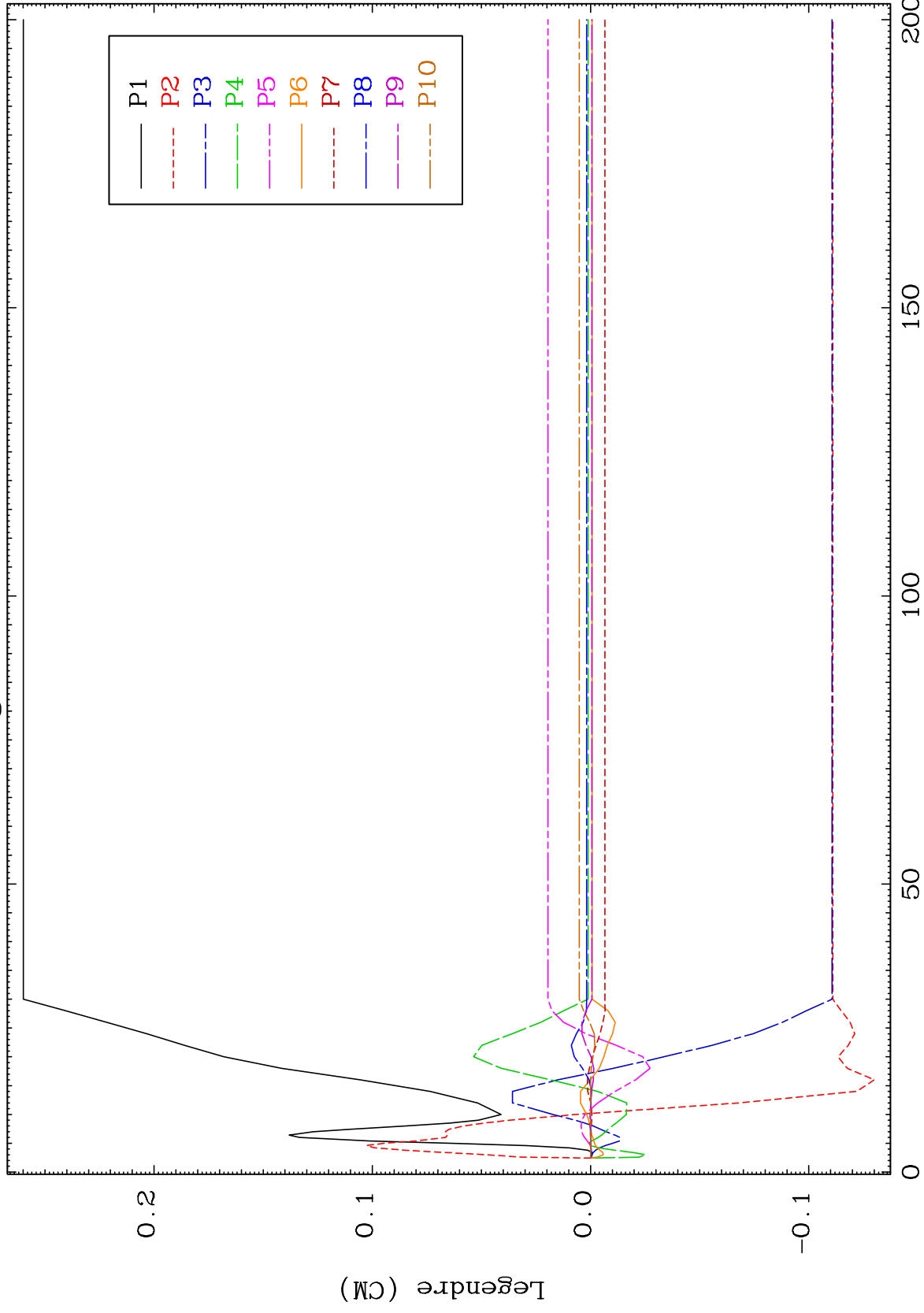
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



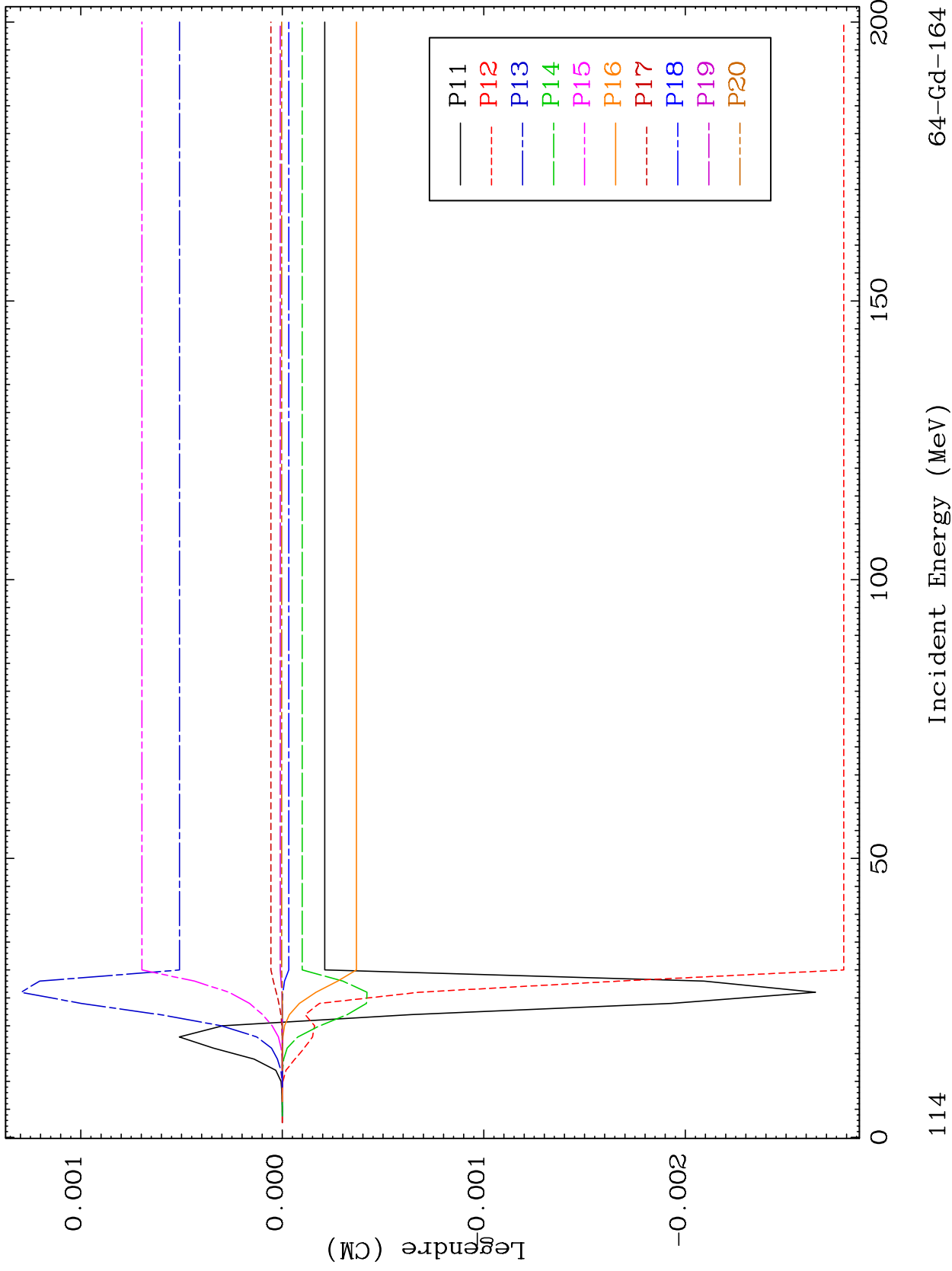
113

64-Gd-164

MAT 6461

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

64-Gd-164



114

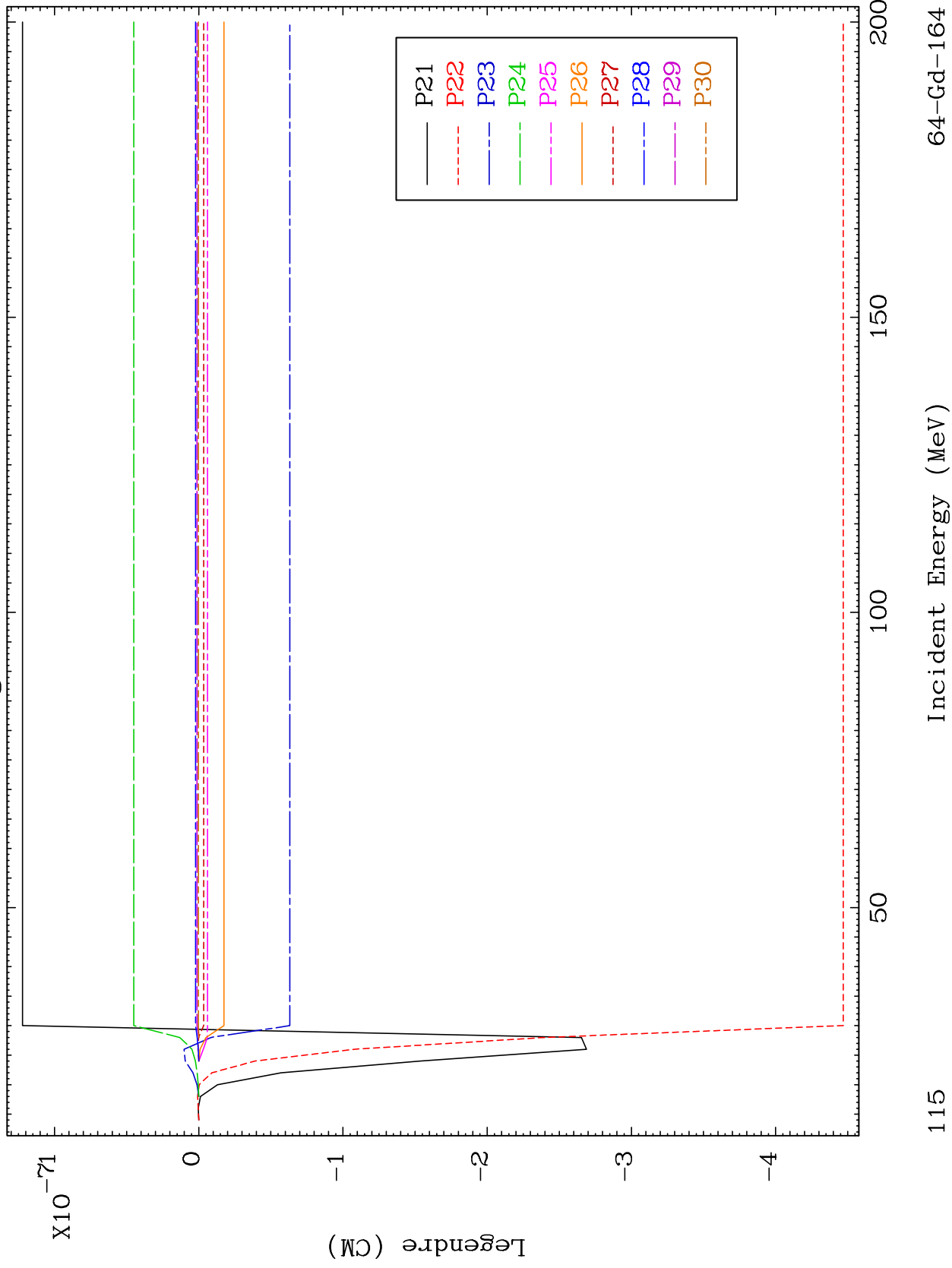
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



115

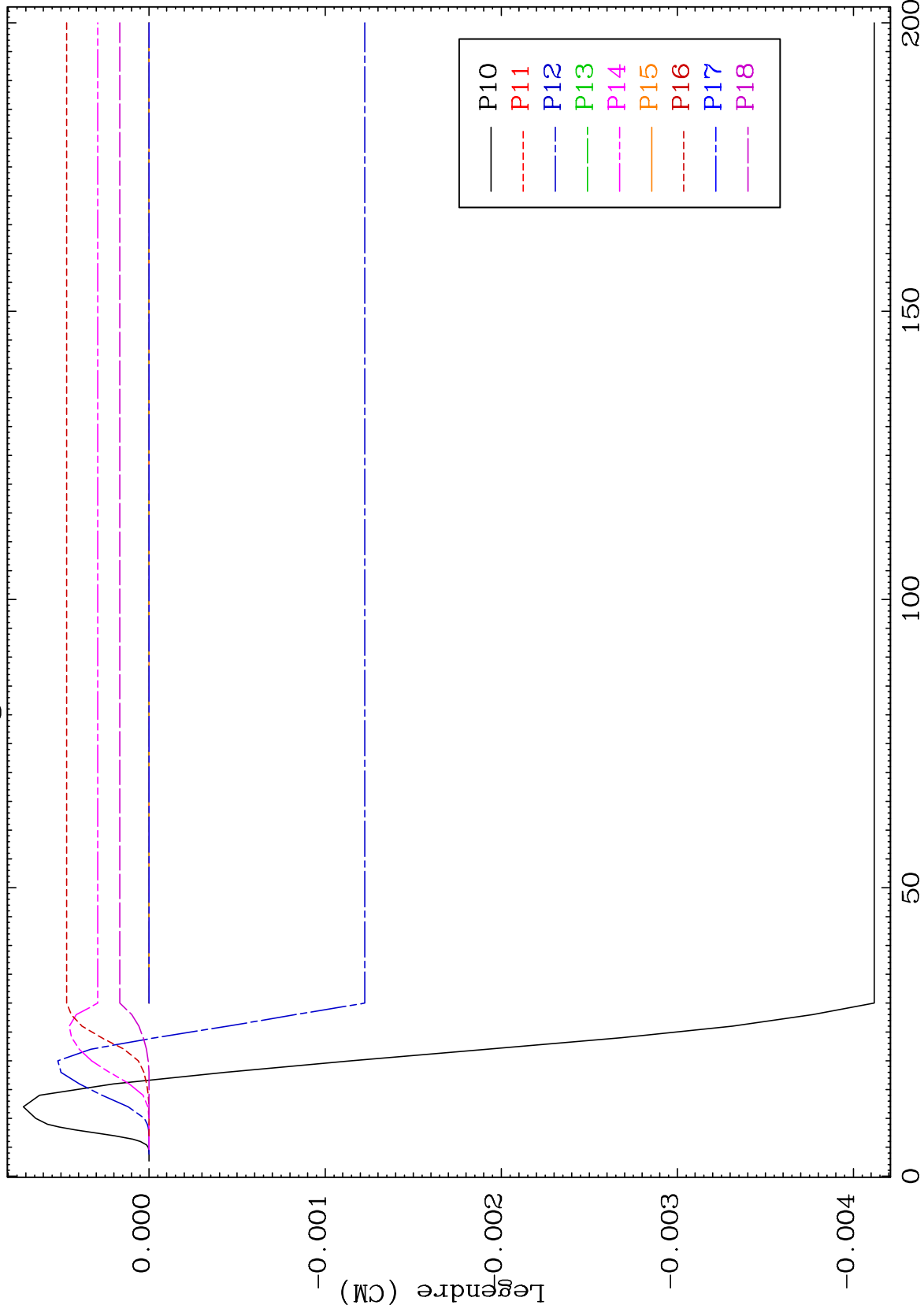
Incident Energy (MeV)

64-Gd-164

MAT 6461

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

64-Gd-164



117

Incident Energy (MeV)

64-Gd-164

