

Program EVALPLOT
(Version 2018-1)

by

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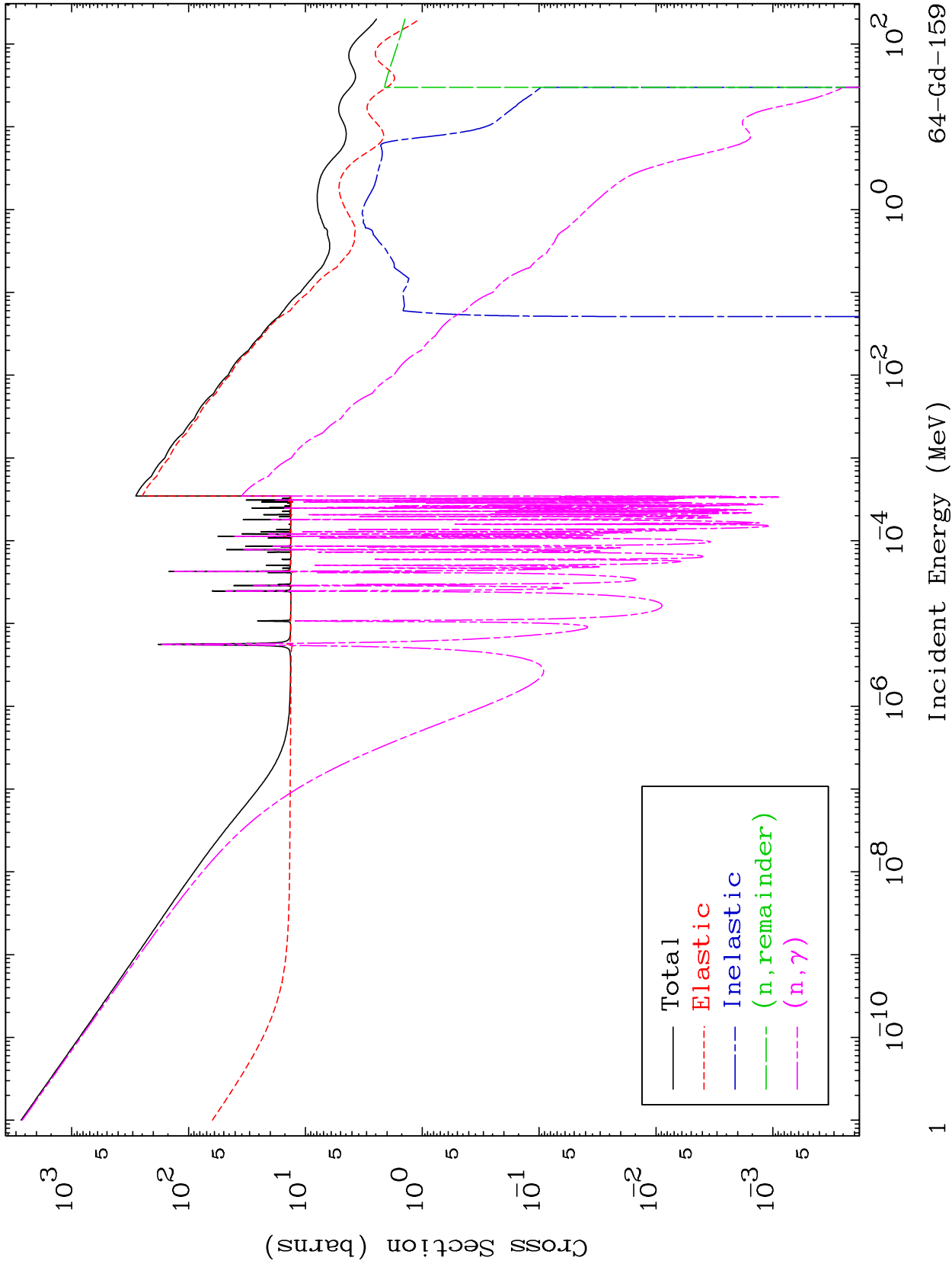
Press Mouse Button to Start

MAT 6446

Major

293 Kelvin Cross Sections

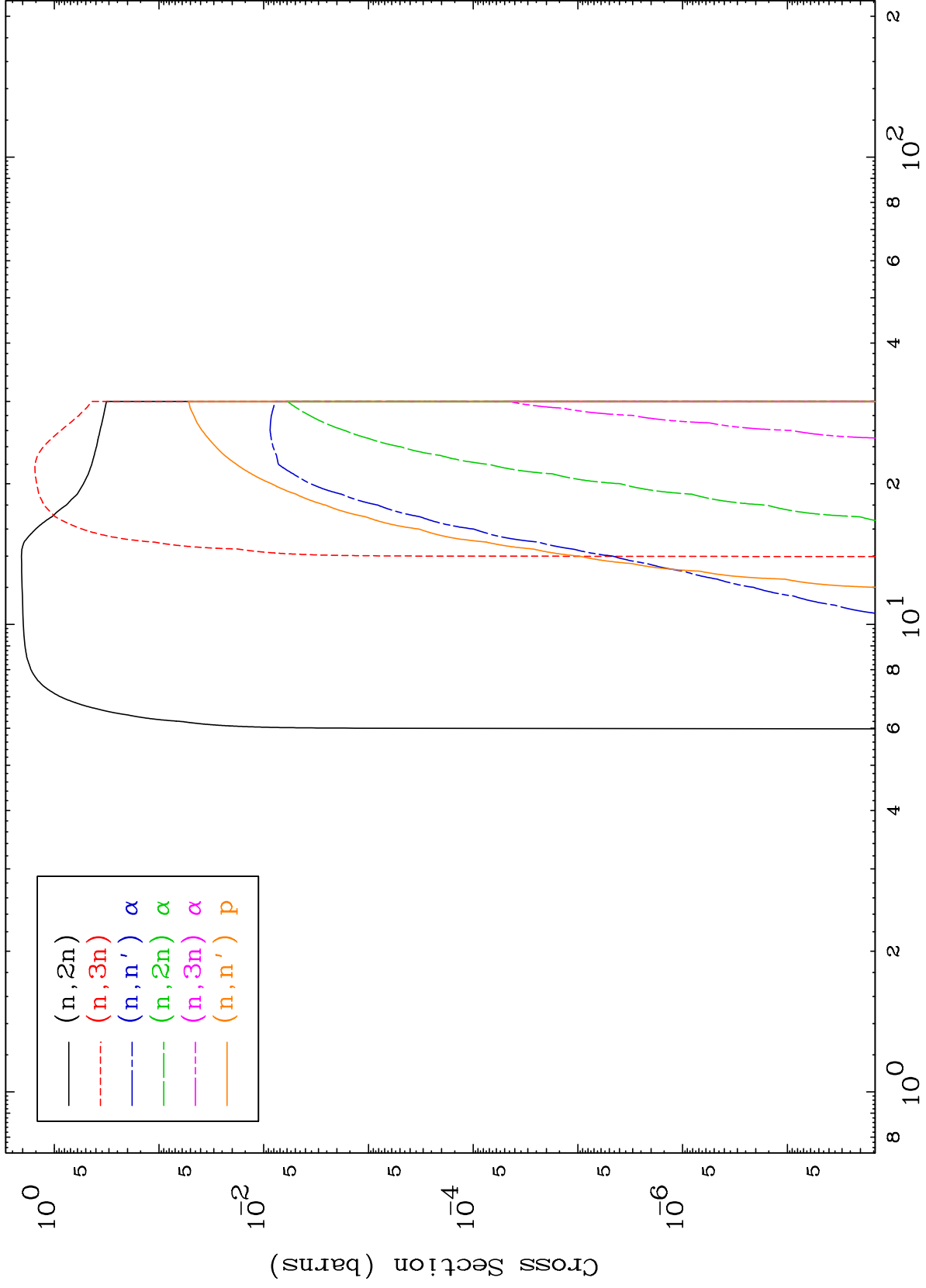
64-Gd-159



MAT 6446

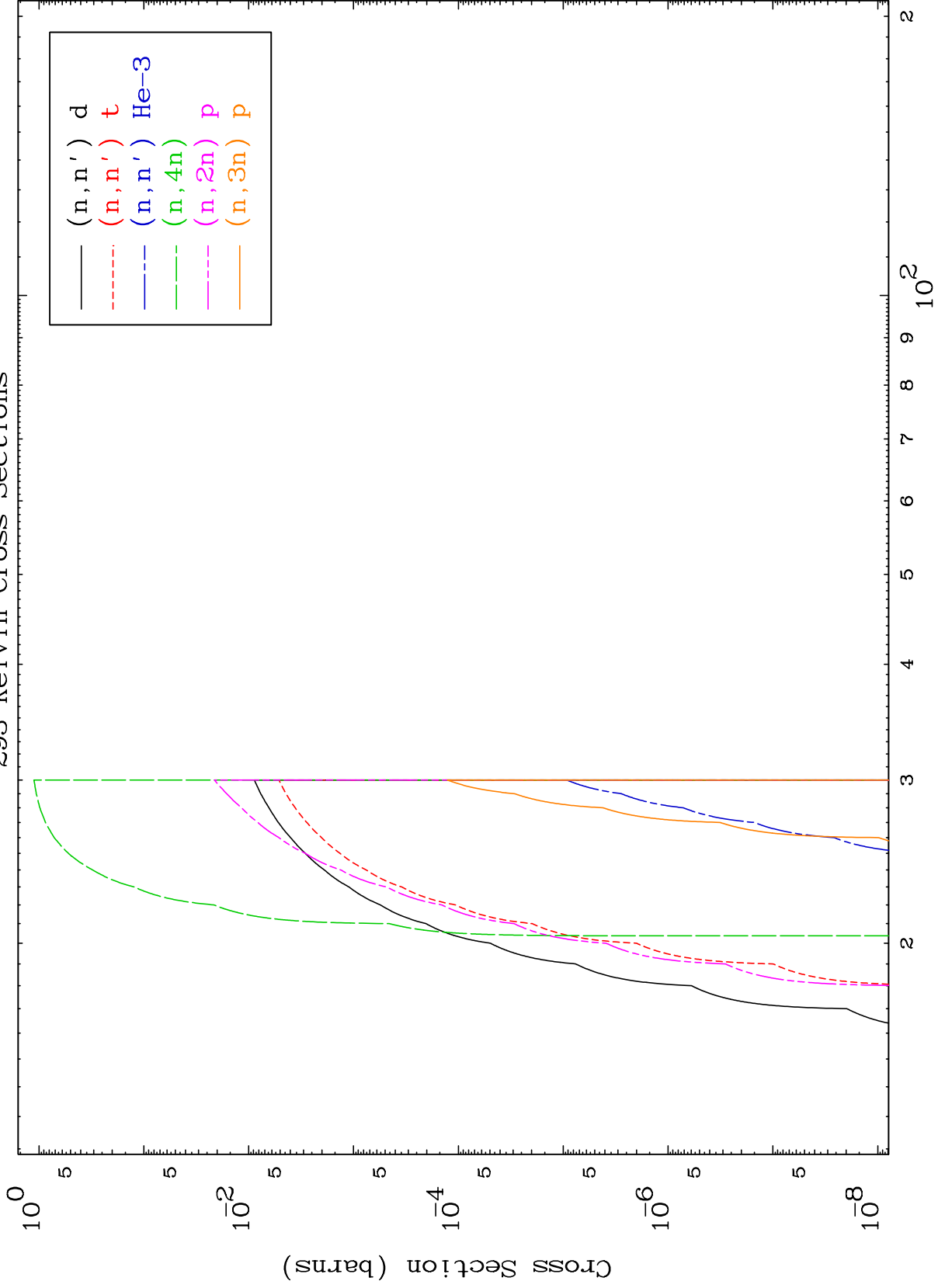
Neutron Production
293 Kelvin Cross Sections

64-Gd-159



Incident Energy (MeV)

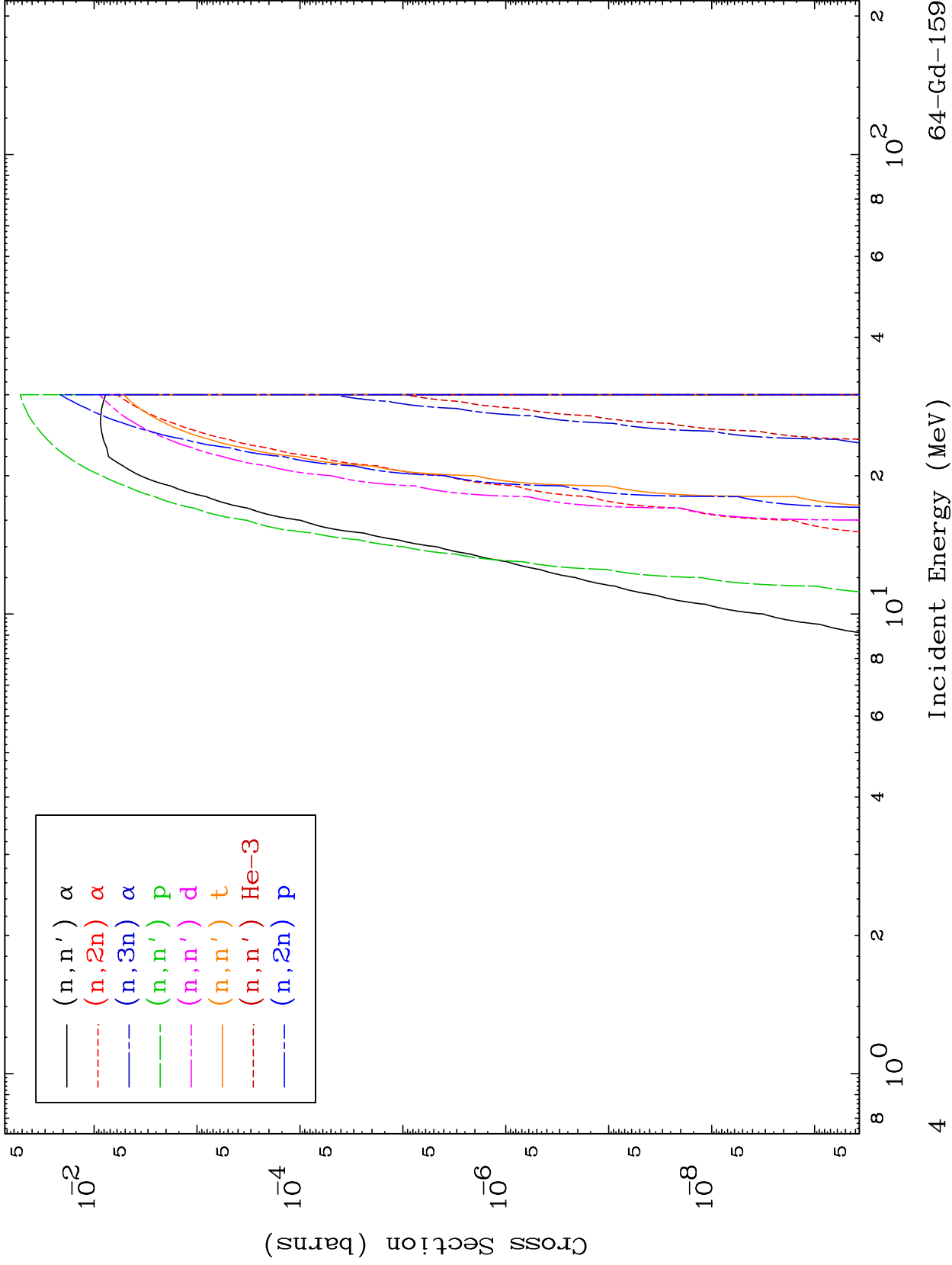
64-Gd-159



MAT 6446

Charged Particle
293 Kelvin Cross Sections

64-Gd-159



64-Gd-159

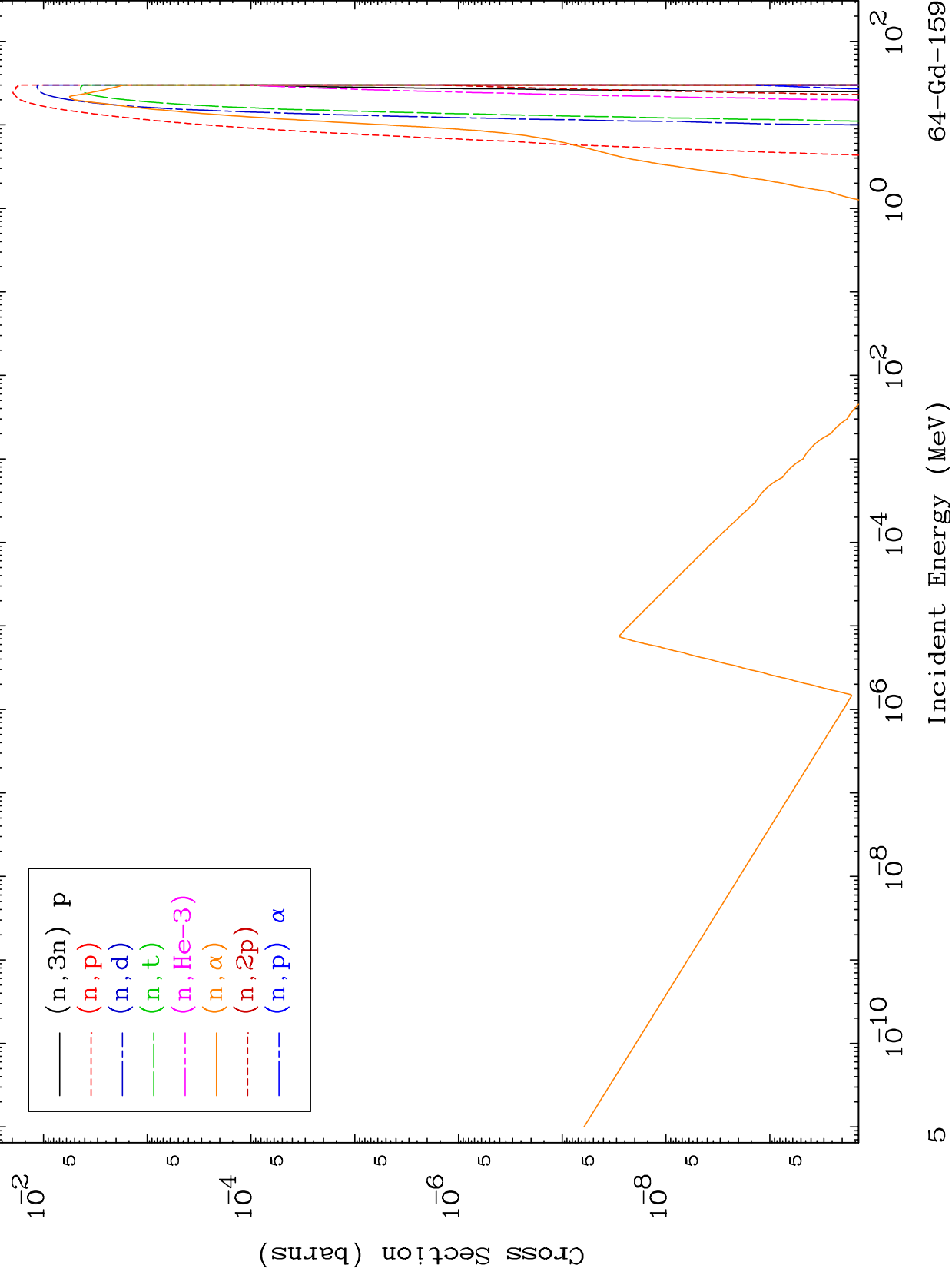
Incident Energy (MeV)

4

MAT 6446

Charged Particle
293 Kelvin Cross Sections

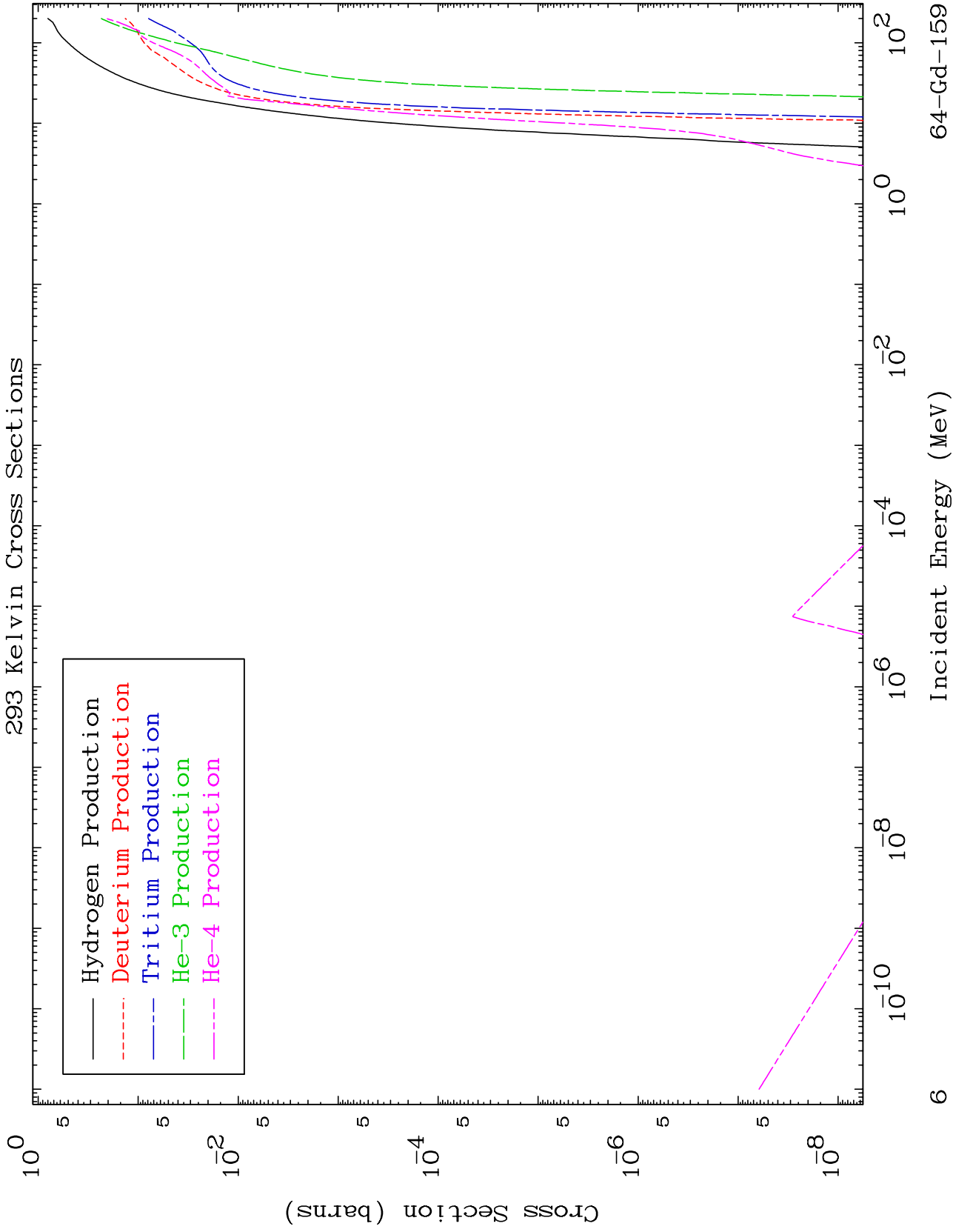
64-Gd-159



MAT 6446

Particle Production
293 Kelvin Cross Sections

64-Gd-159



6

Incident Energy (MeV)

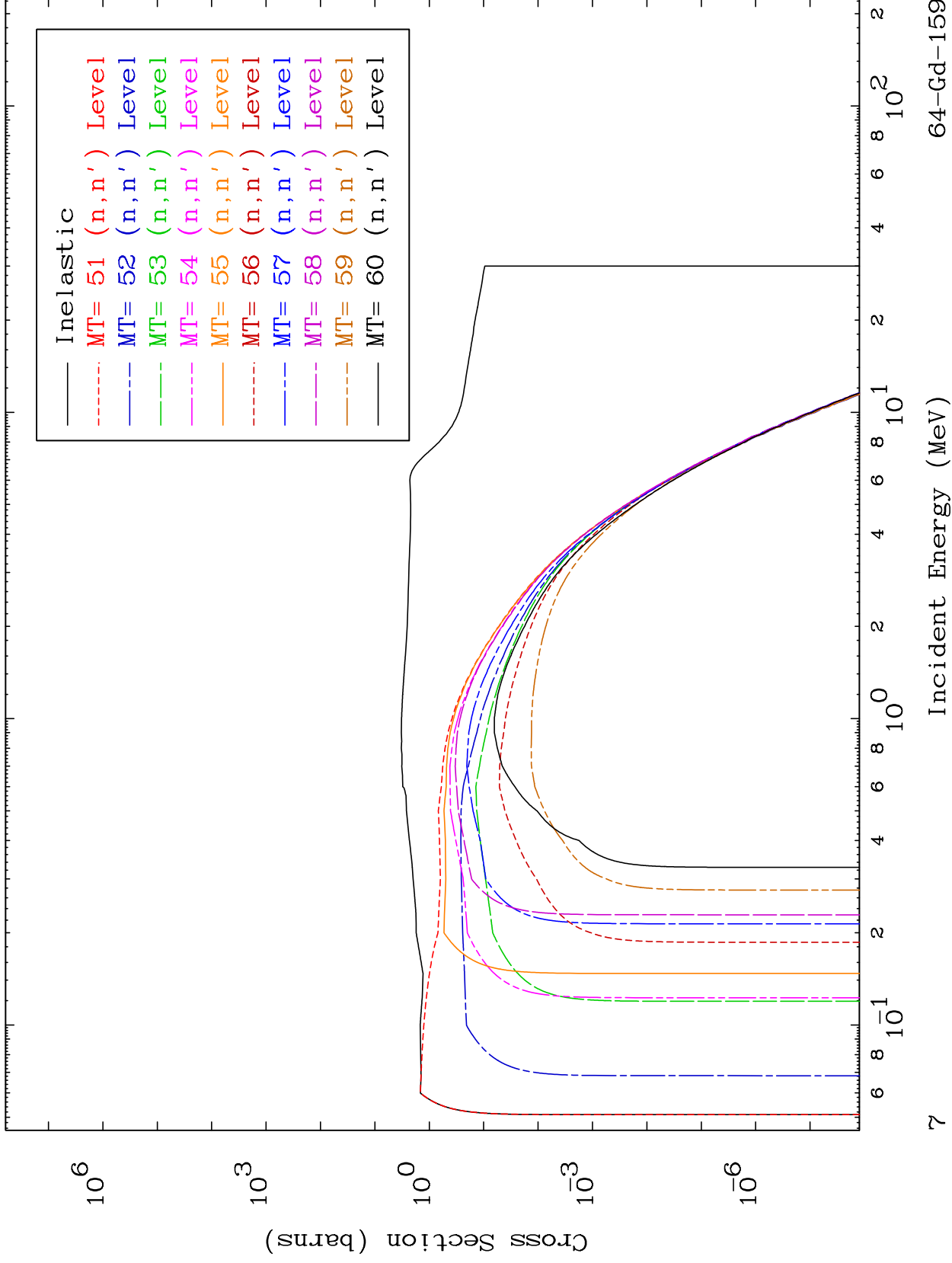
64-Gd-159

MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections

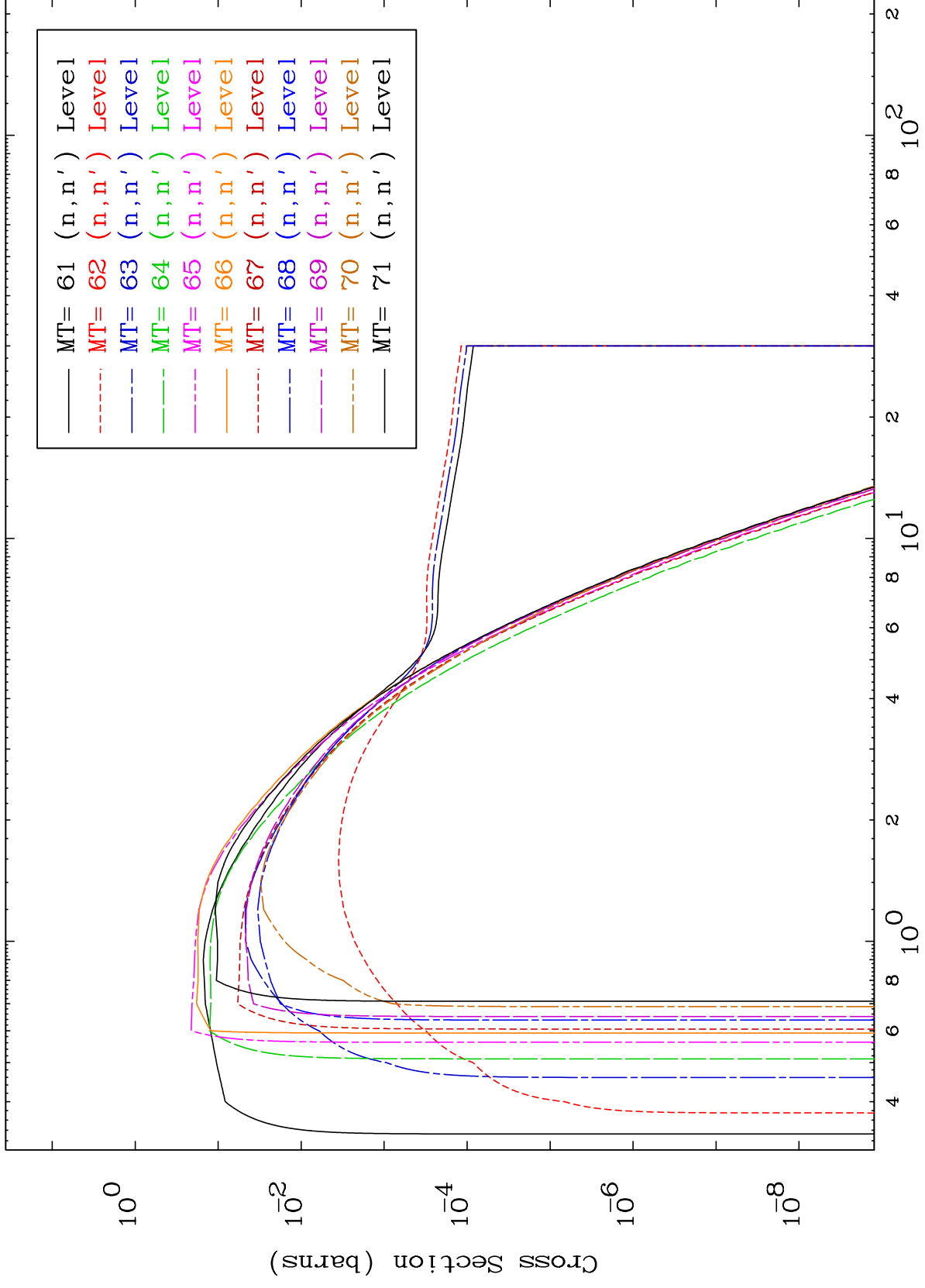


MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections



8

Incident Energy (MeV)

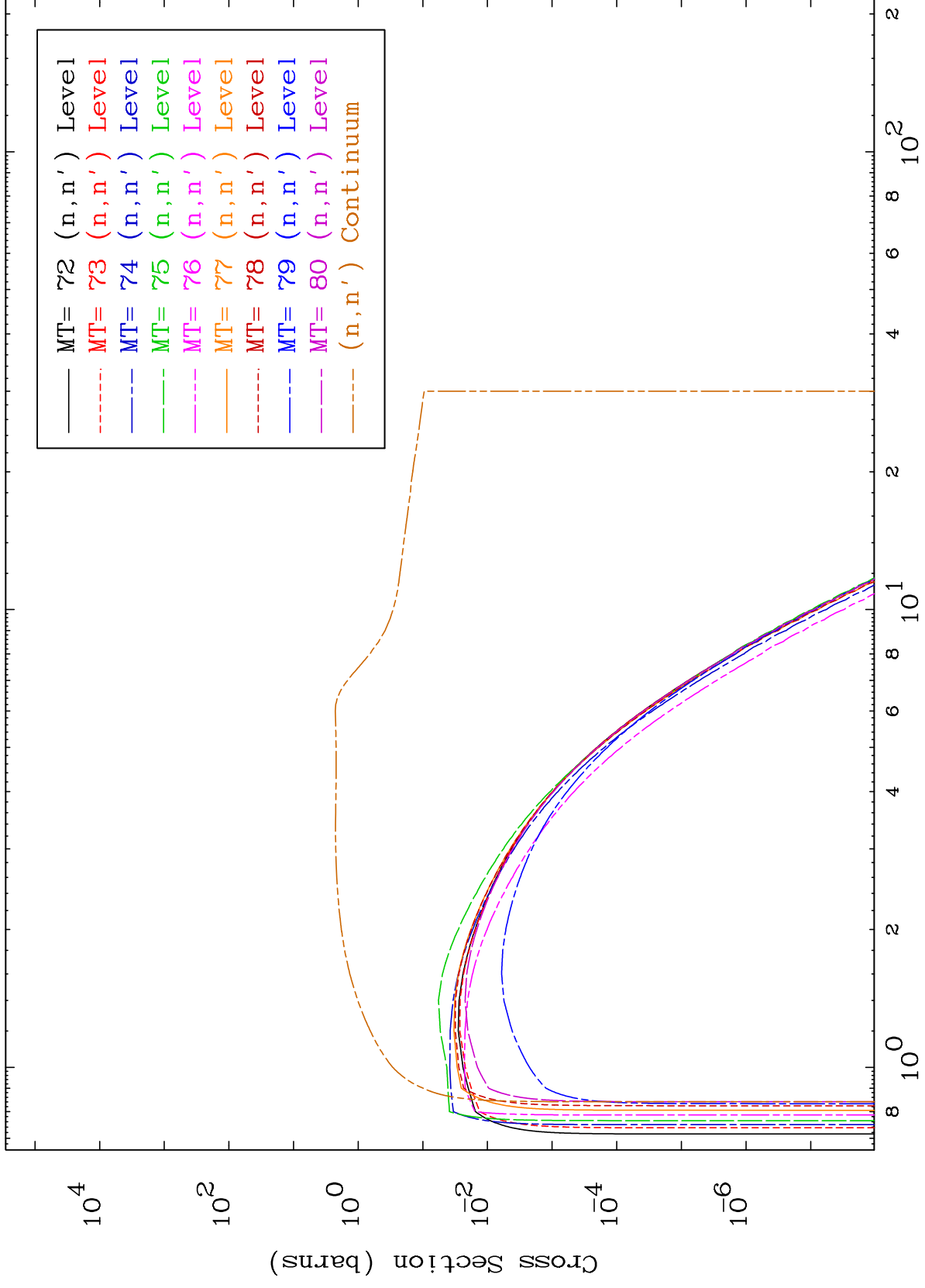
64-Gd-159

MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections



9

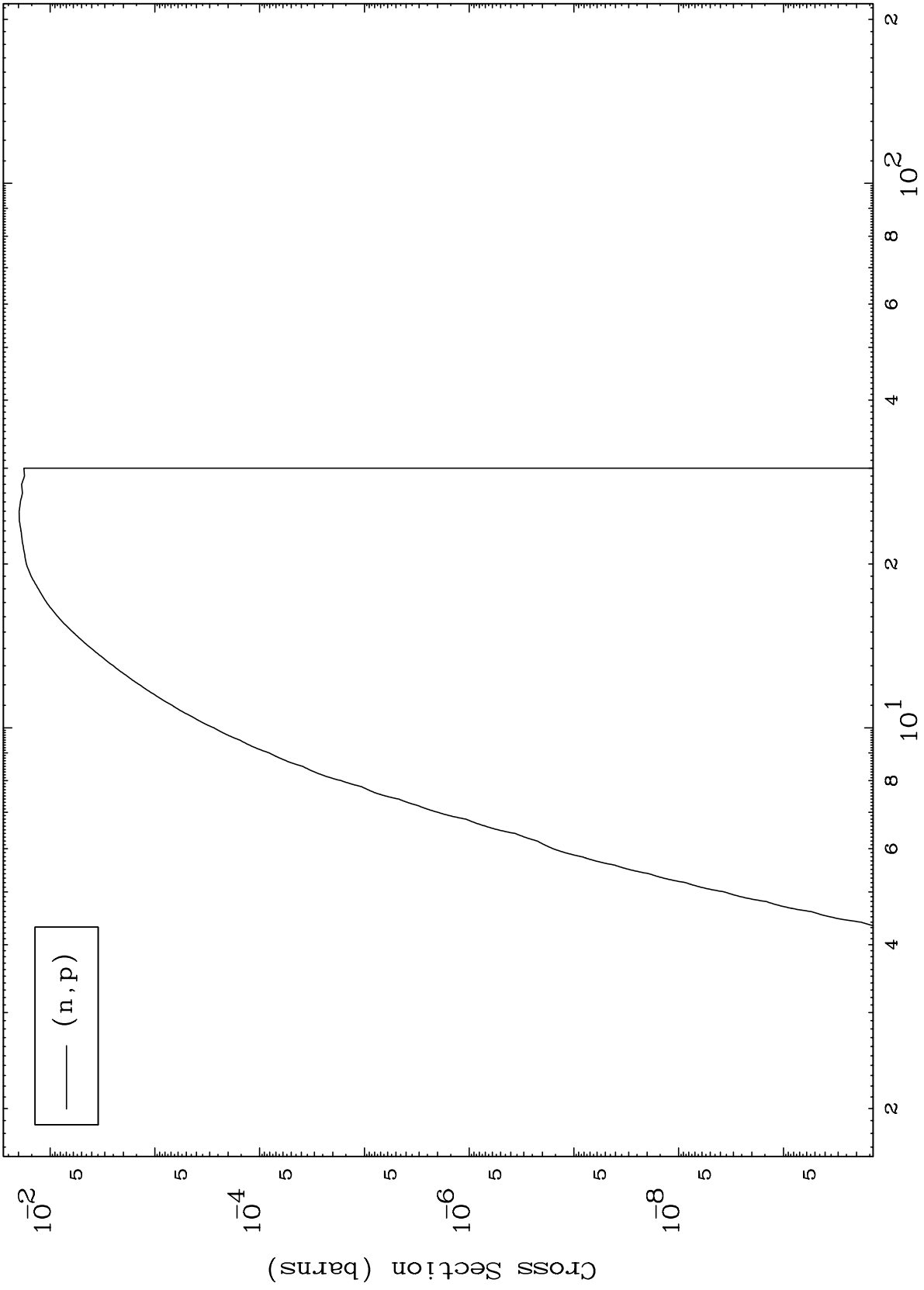
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-159



10

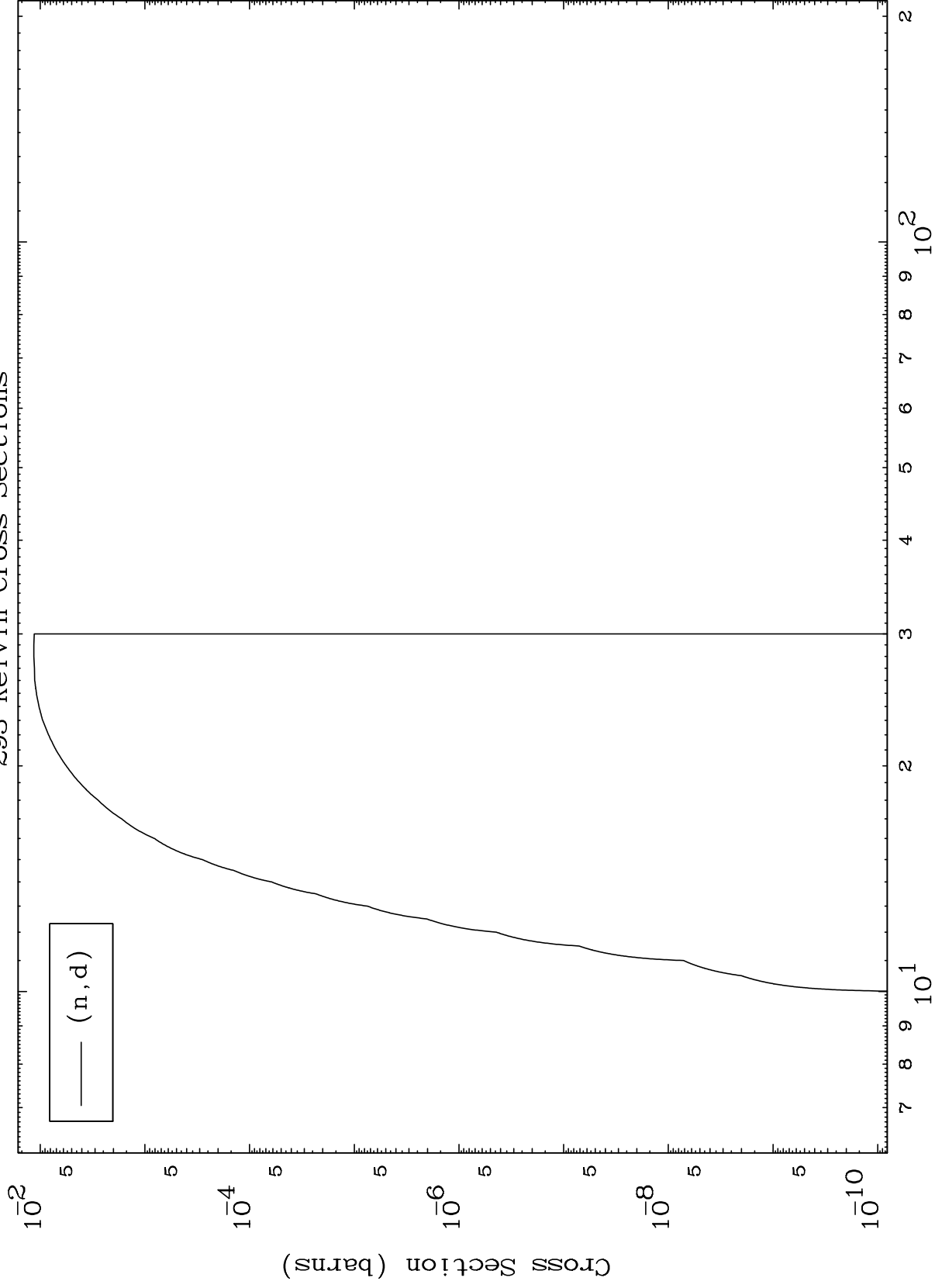
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-159



11

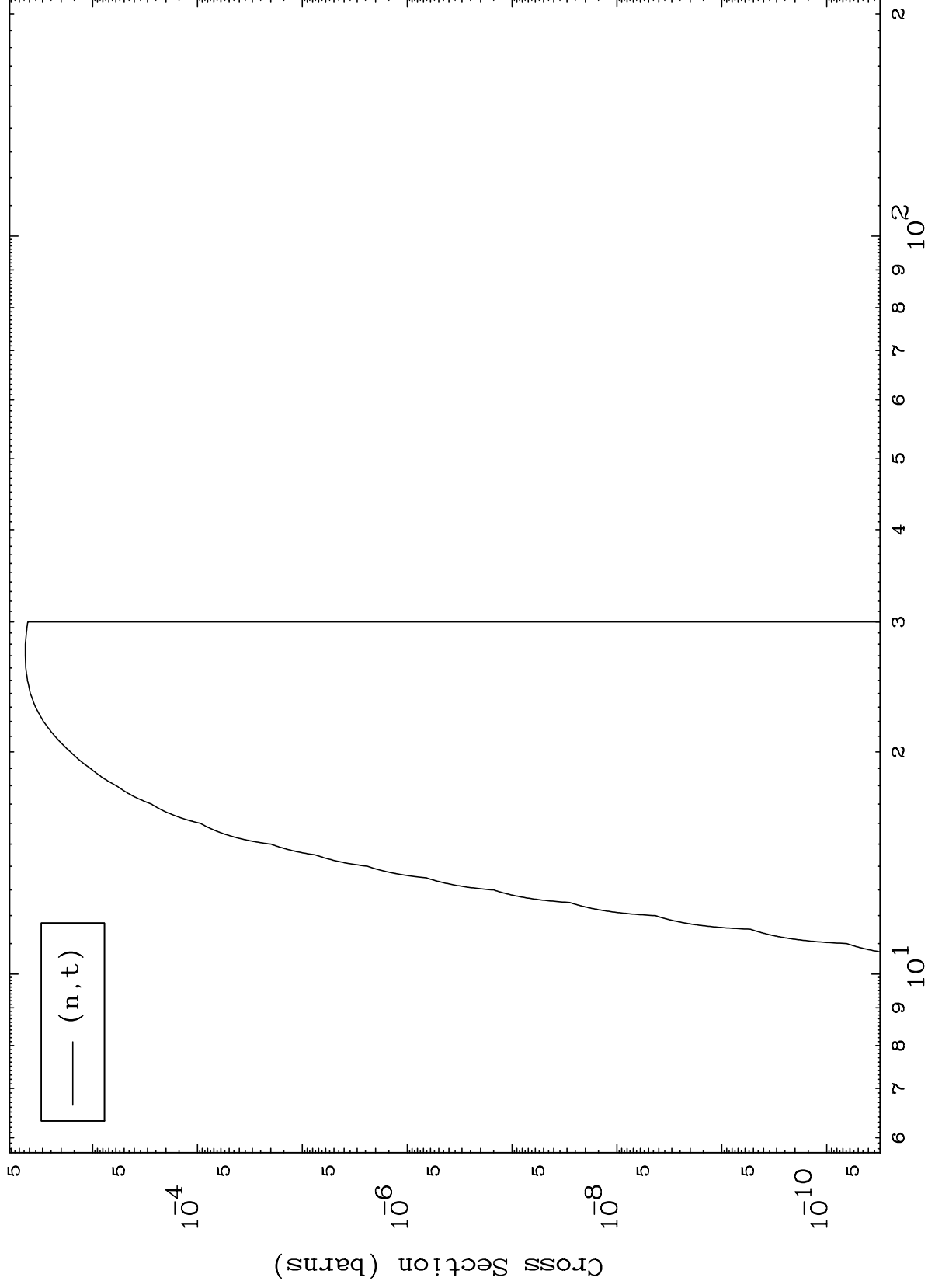
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-159



12

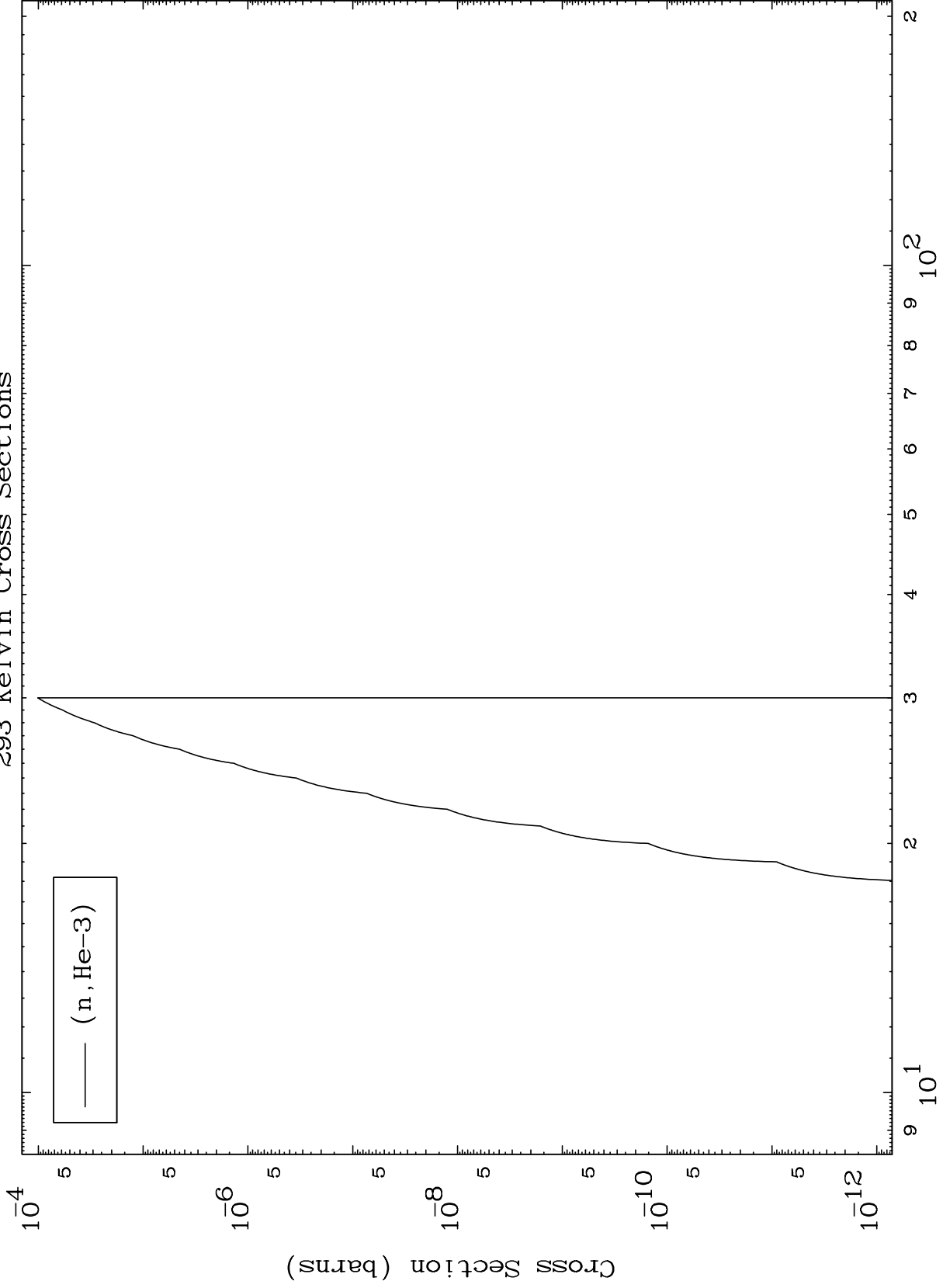
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-159



13

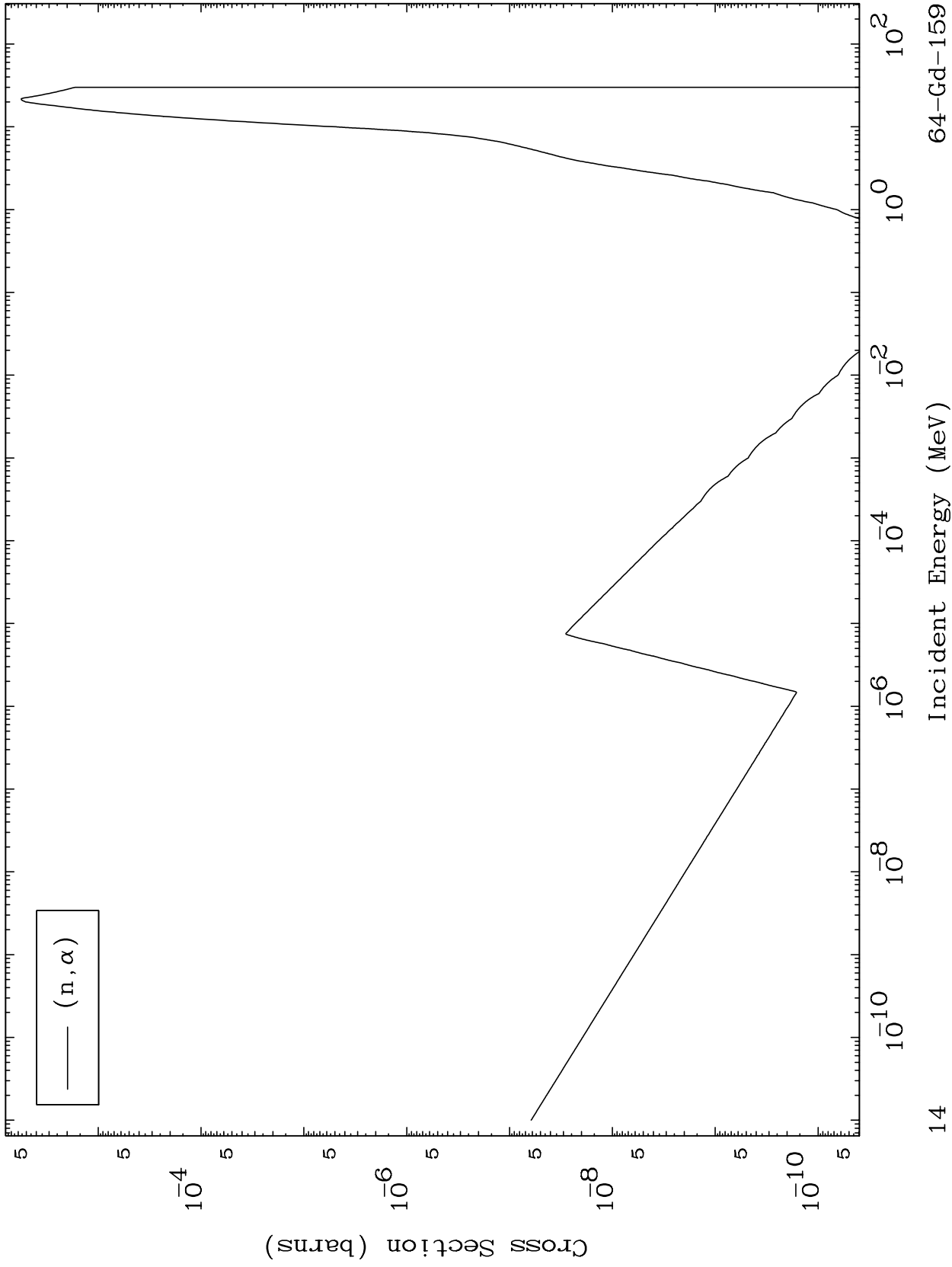
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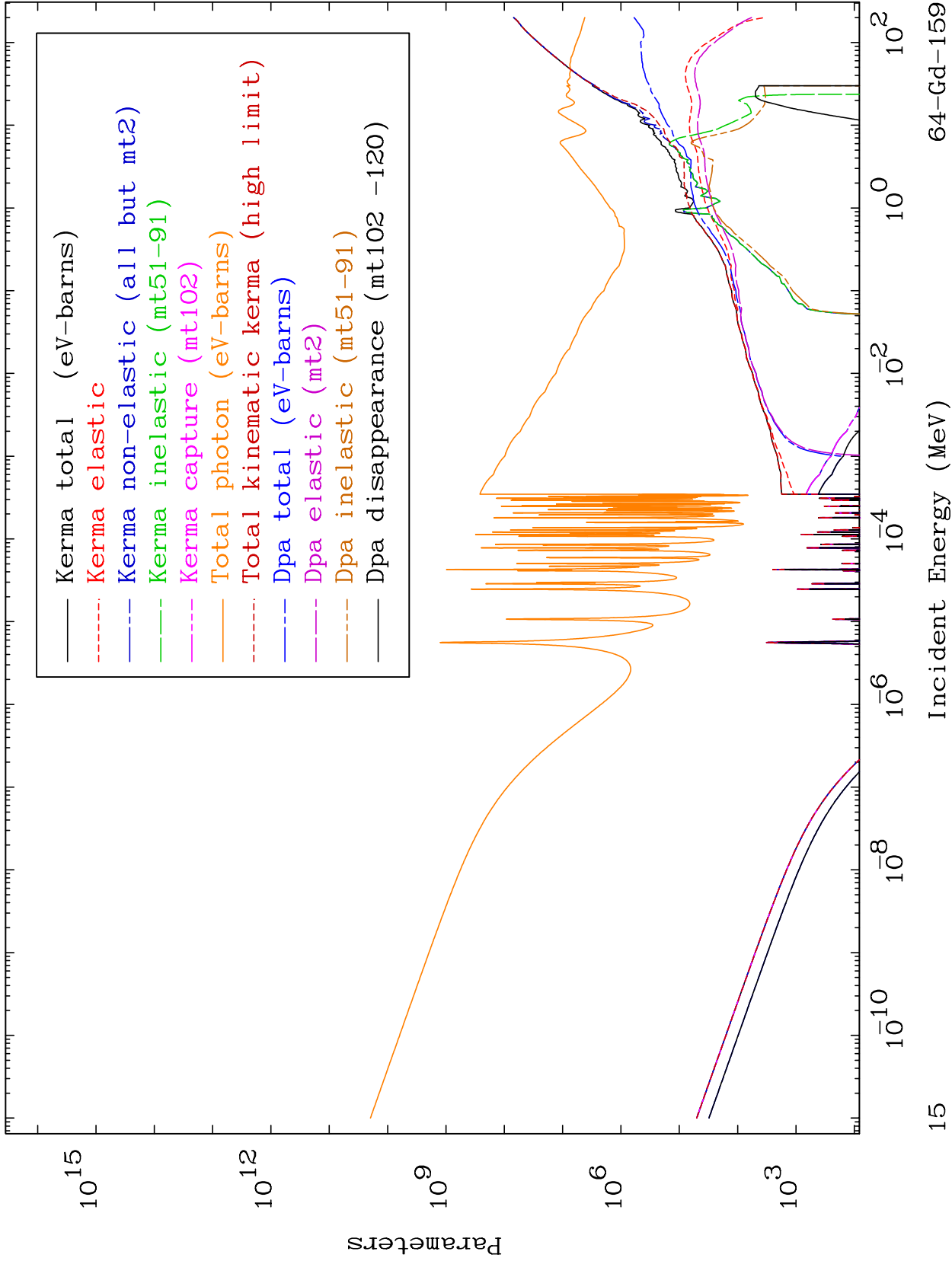
64-Gd-159

MAT 6446

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-159

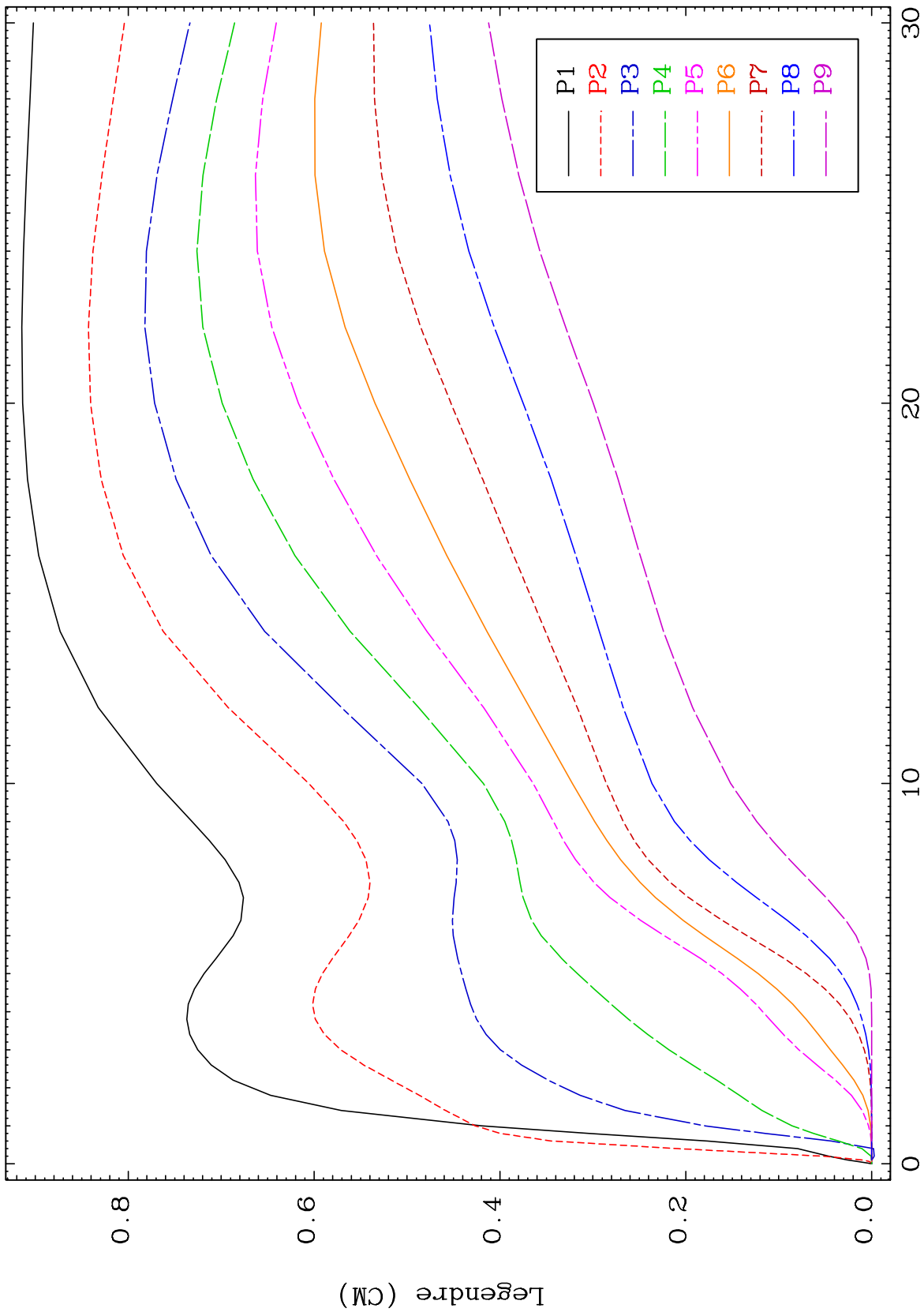




MAT 6446

Elastic Legendre Coefficients

64-Gd-159



16

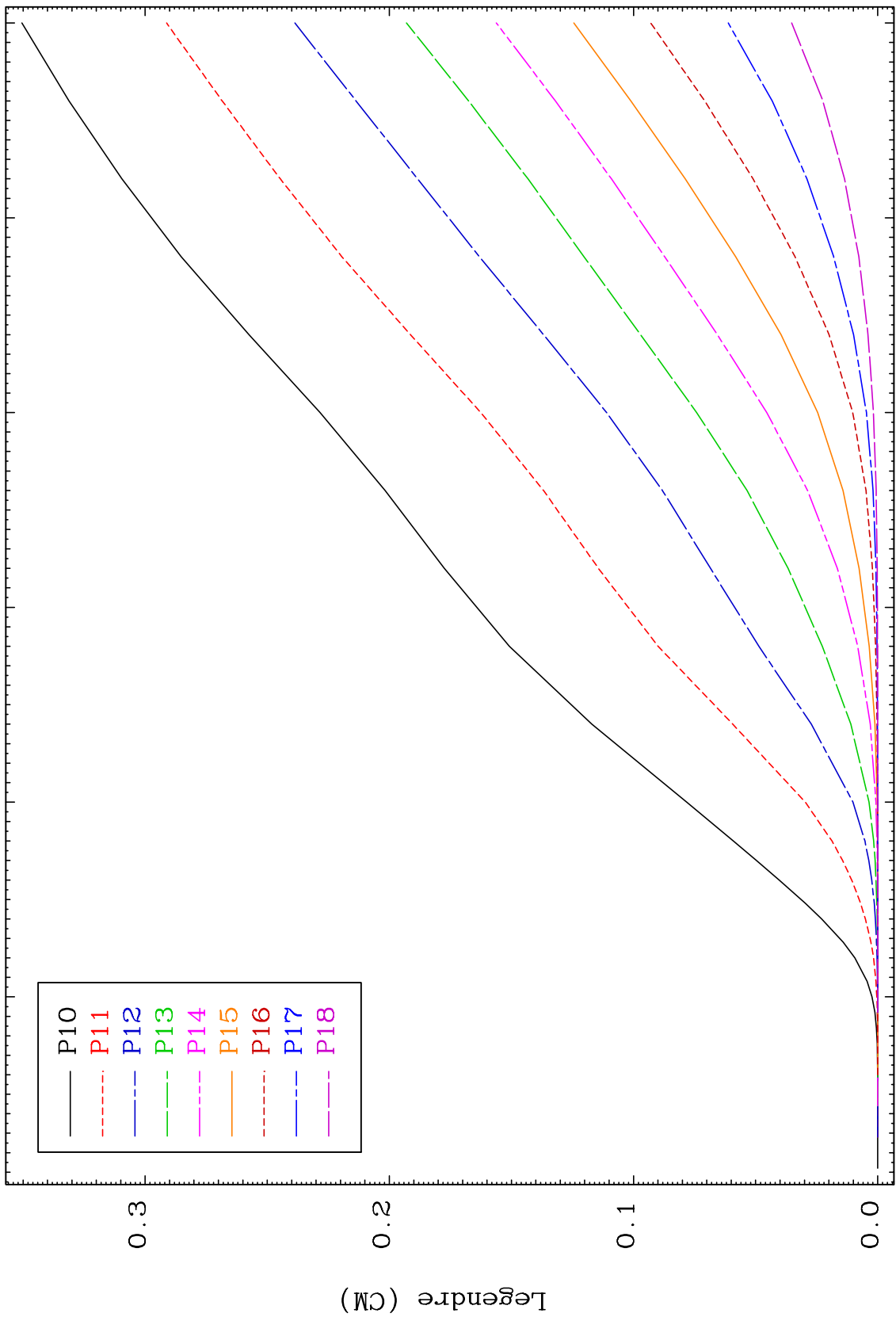
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



17

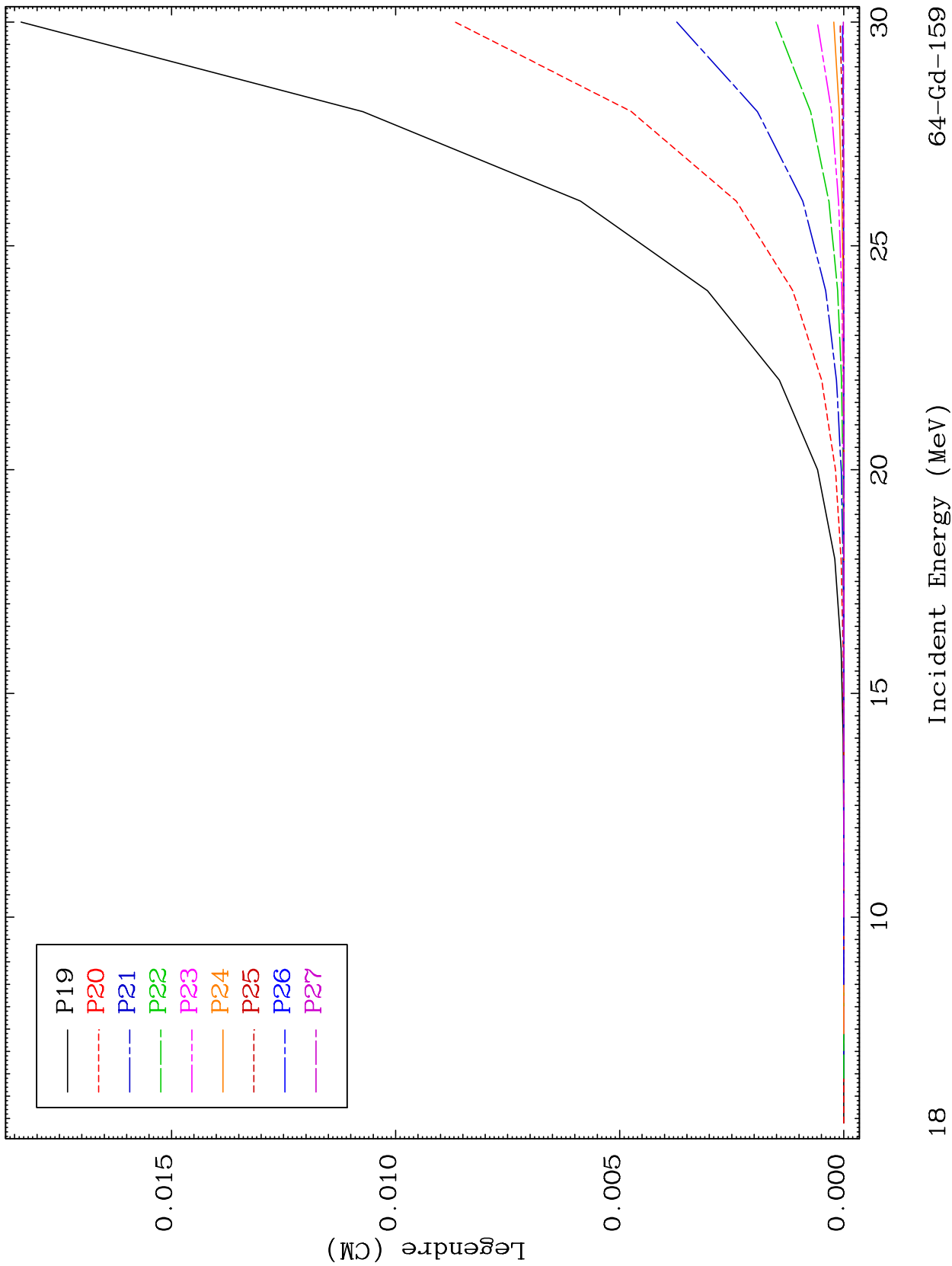
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



18

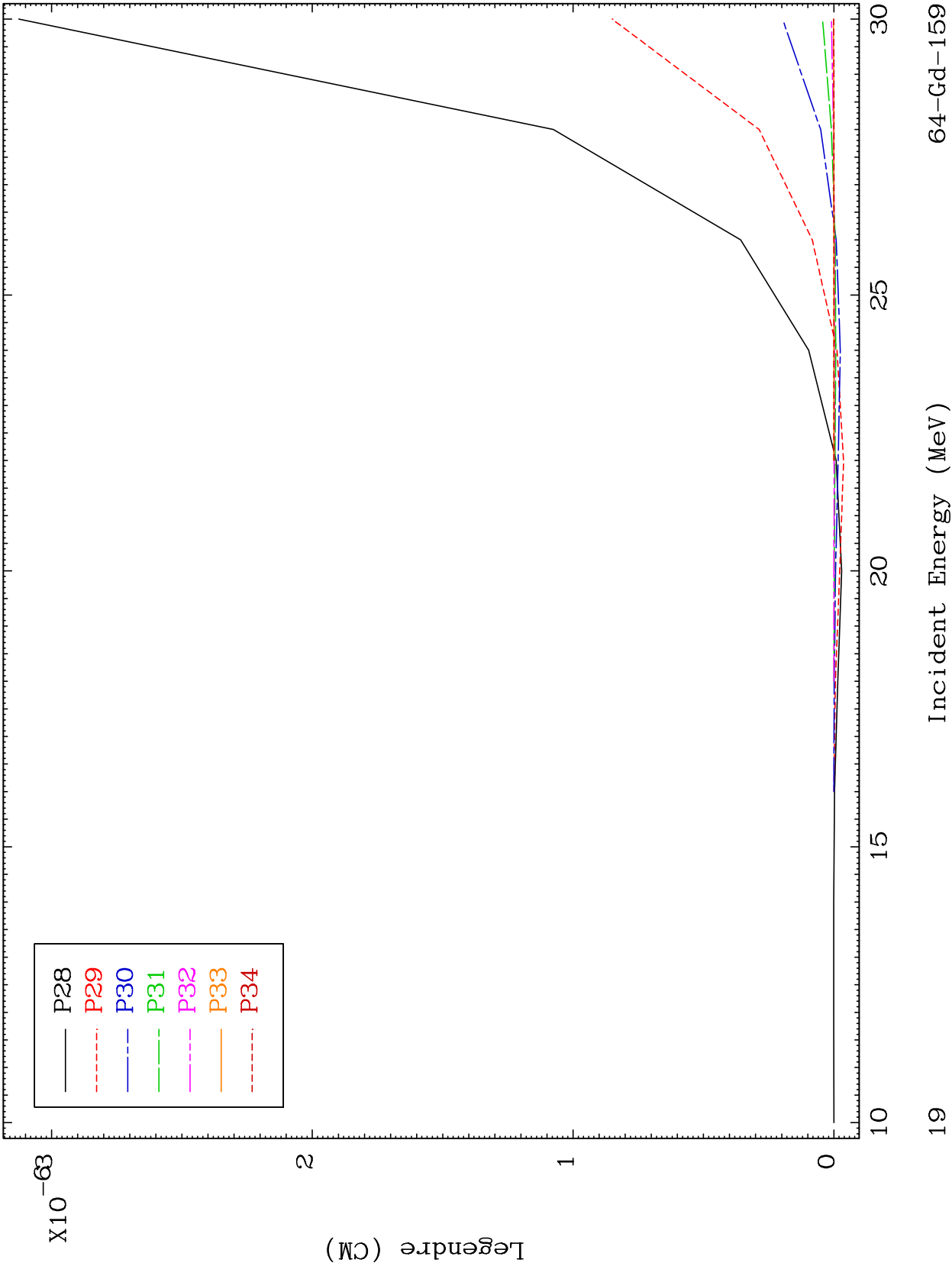
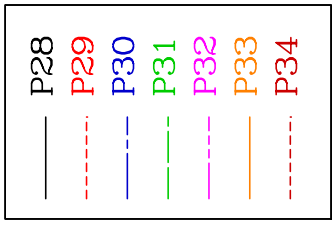
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



64-Gd-159

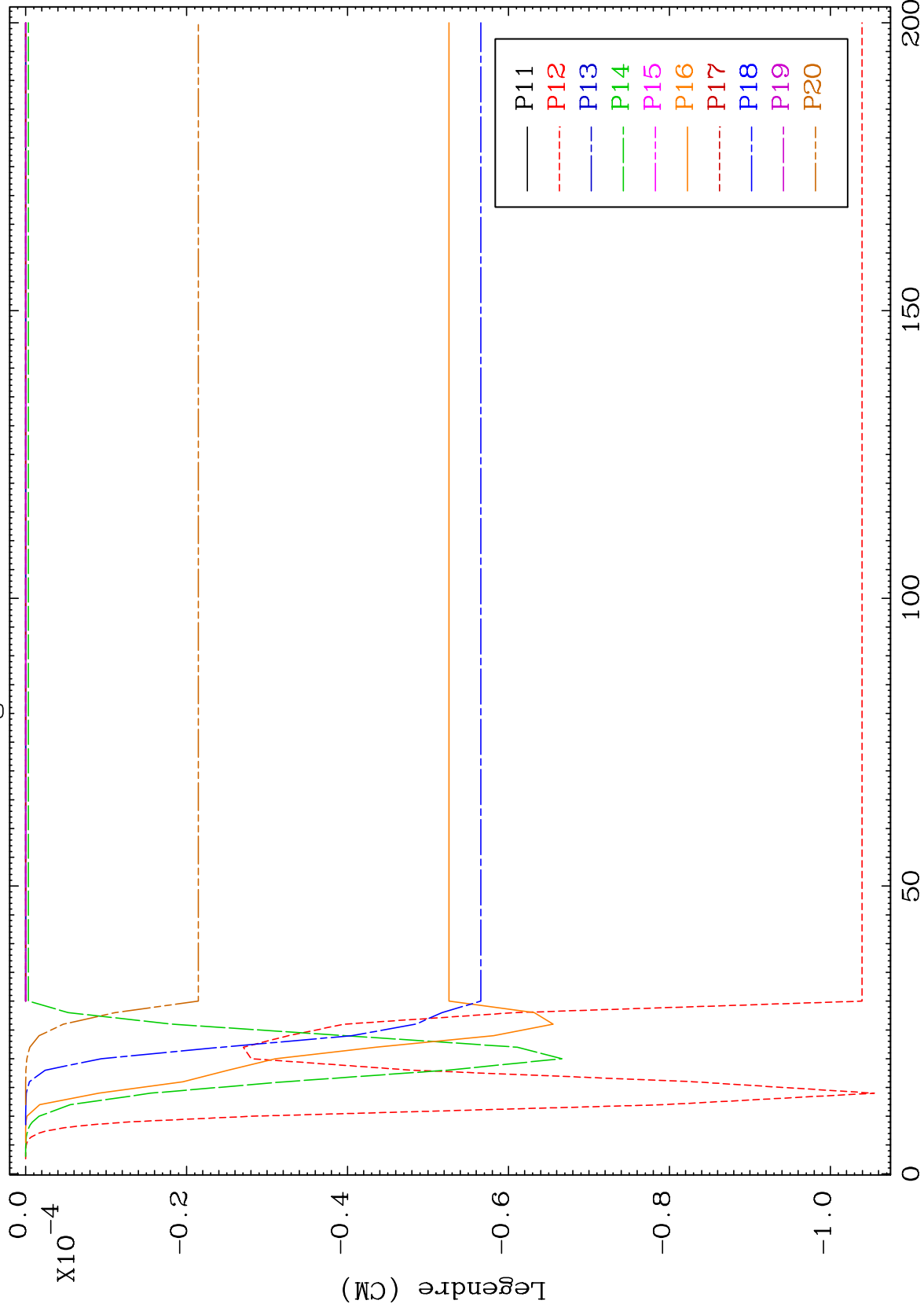
Incident Energy (MeV)

19

MAT 6446

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

64-Gd-159



21

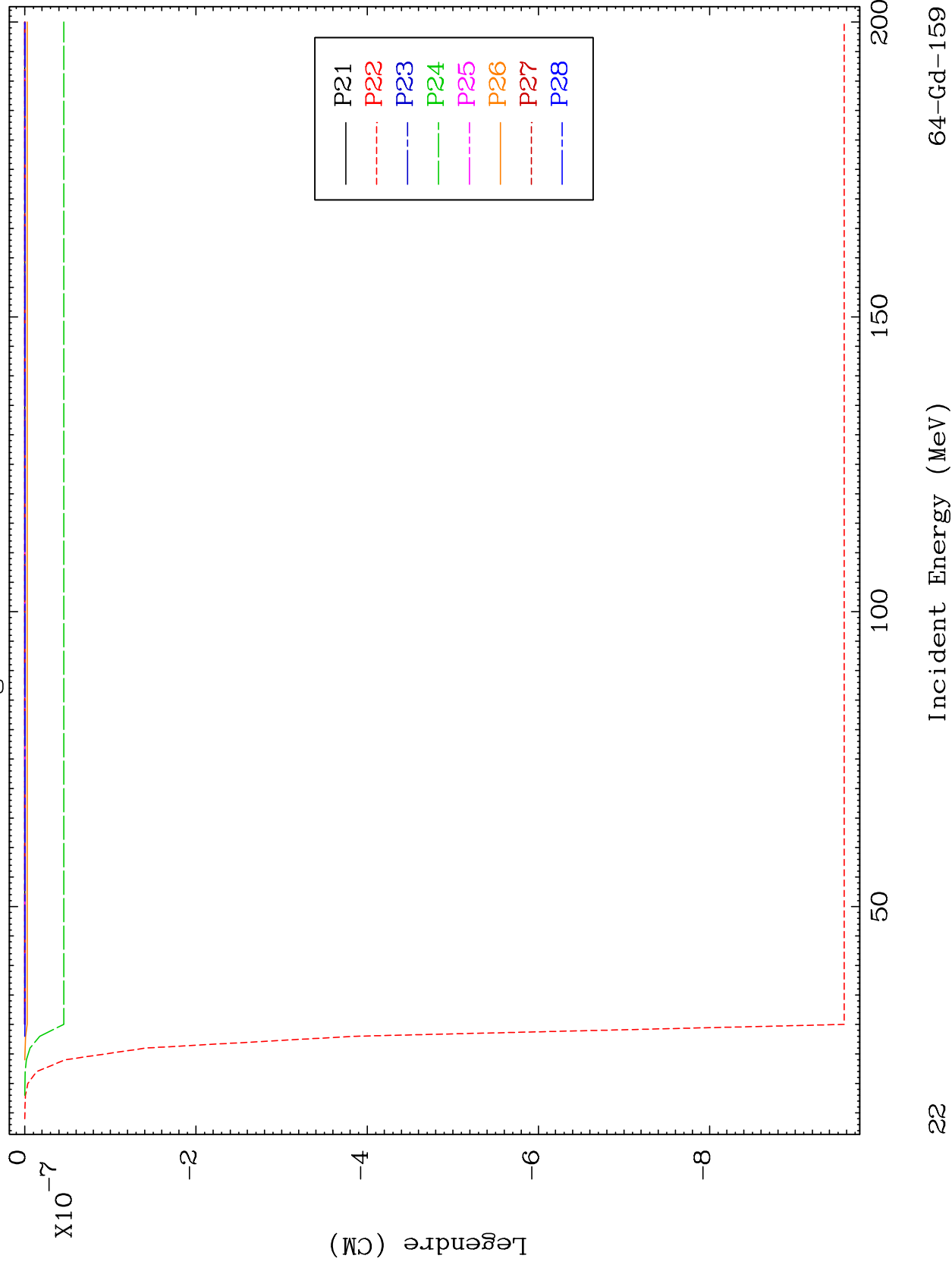
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



22

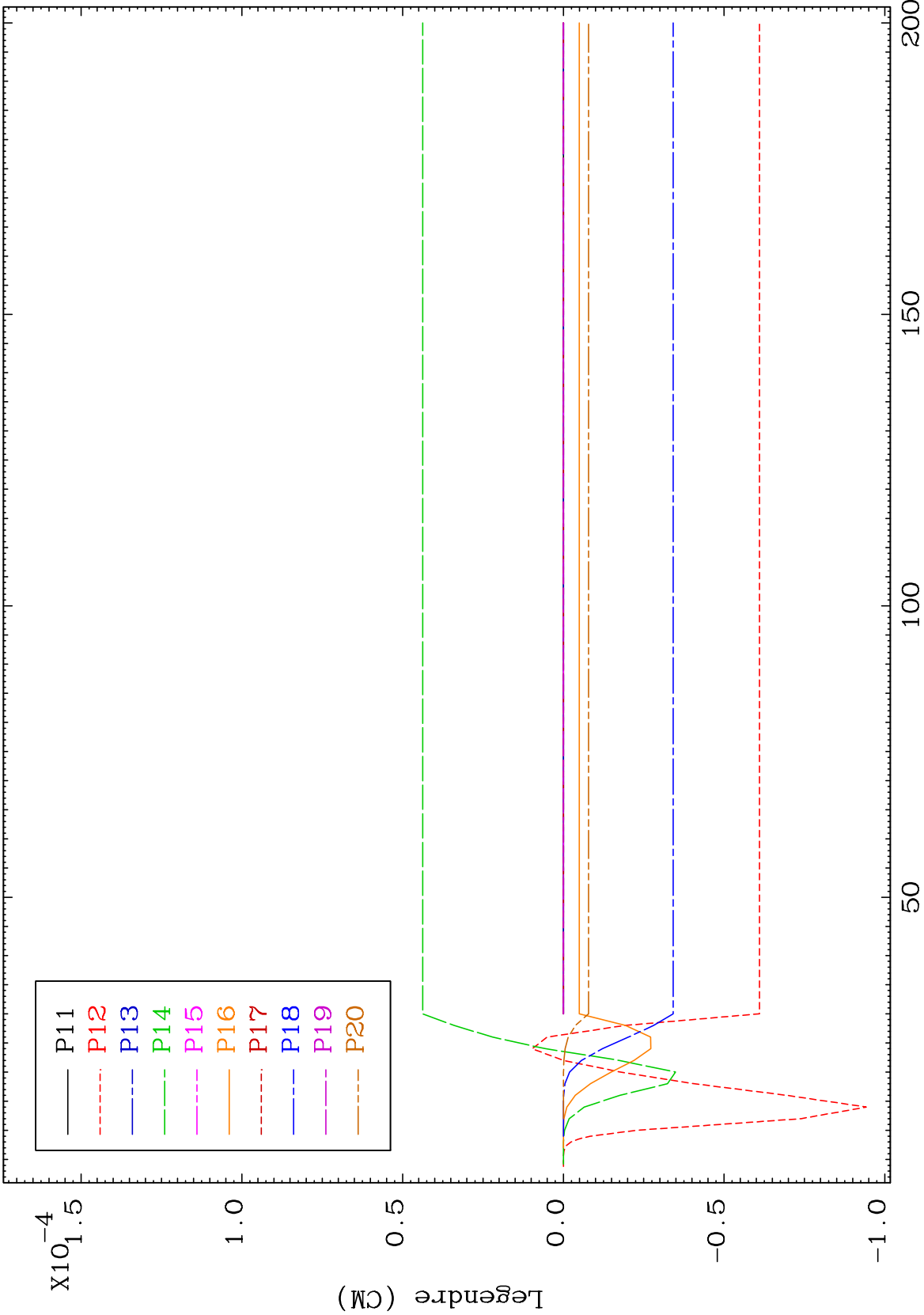
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

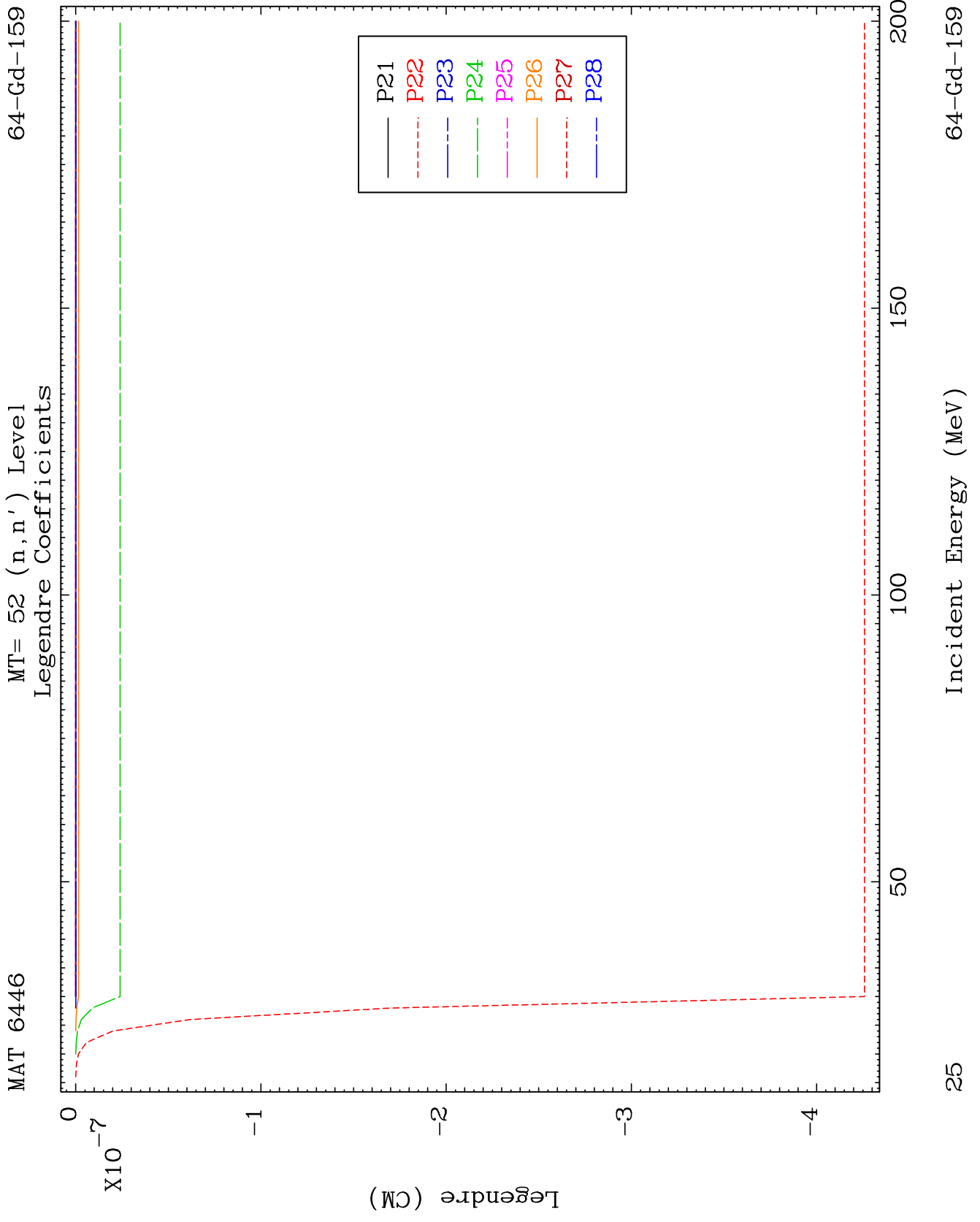
64-Gd-159



24

Incident Energy (MeV)

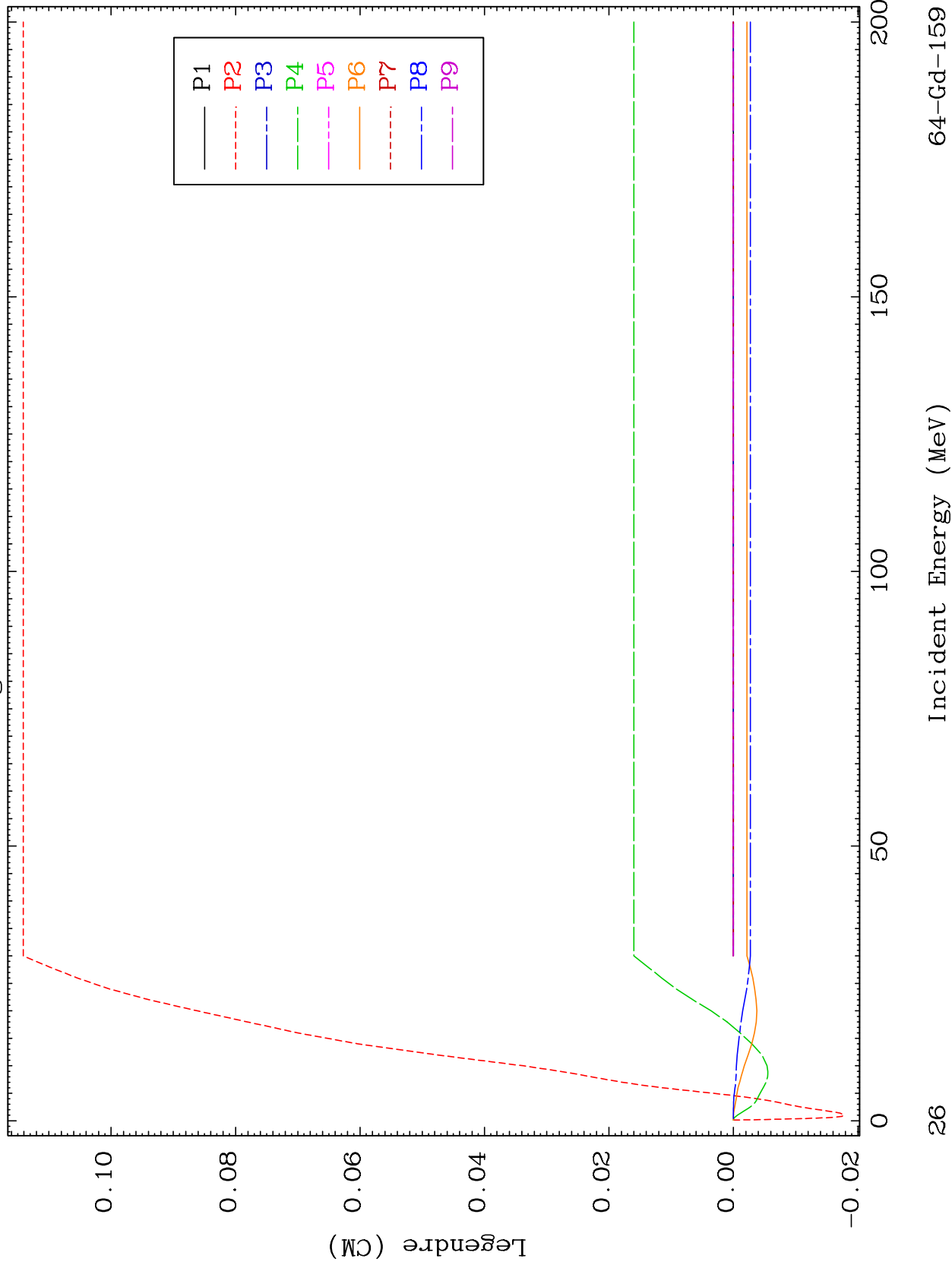
64-Gd-159



MAT 6446

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

64-Gd-159



26

Incident Energy (MeV)

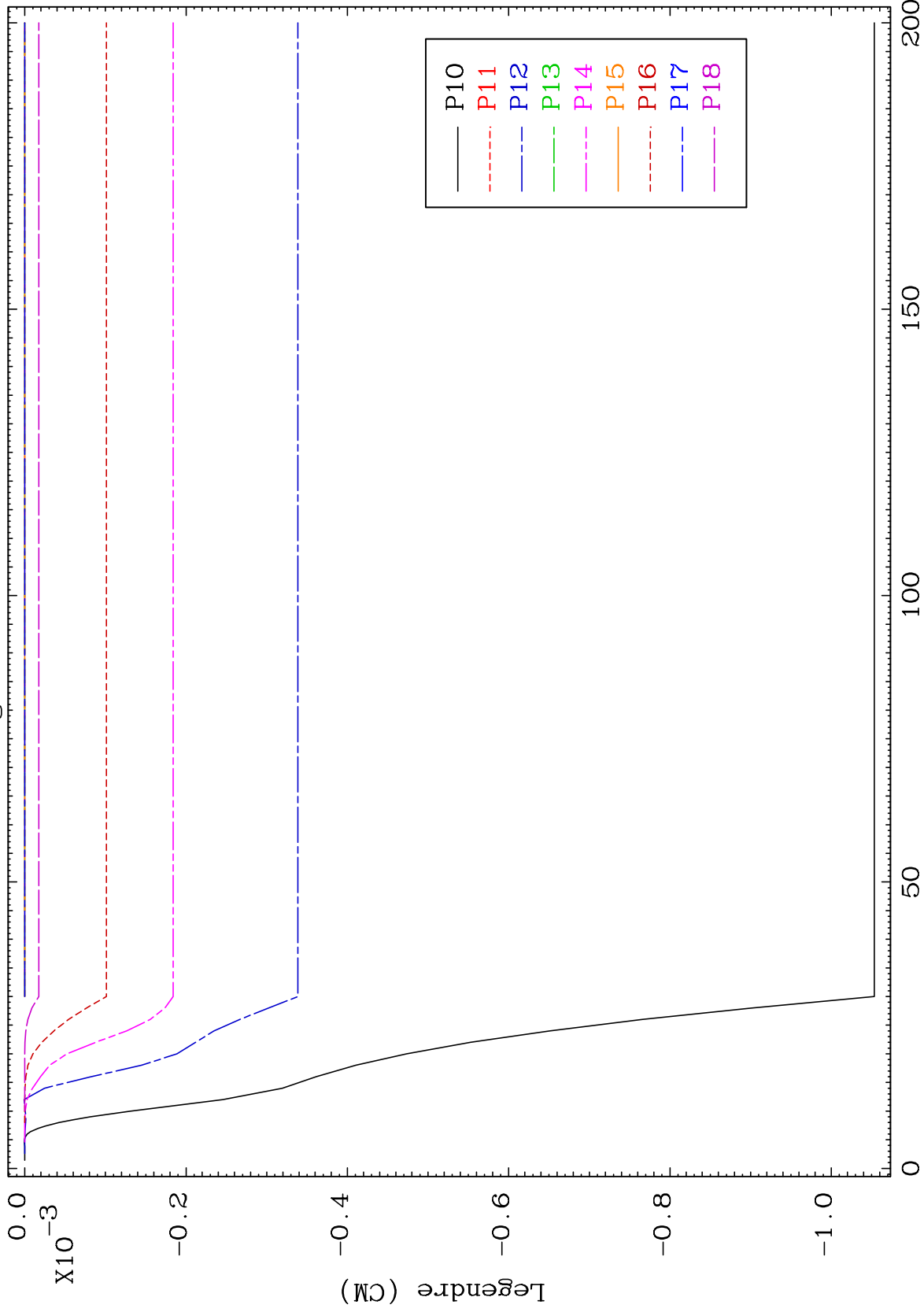
64-Gd-159

MAT 6446

MT= 53 (n,n') Level

64-Gd-159

Legendre Coefficients



27

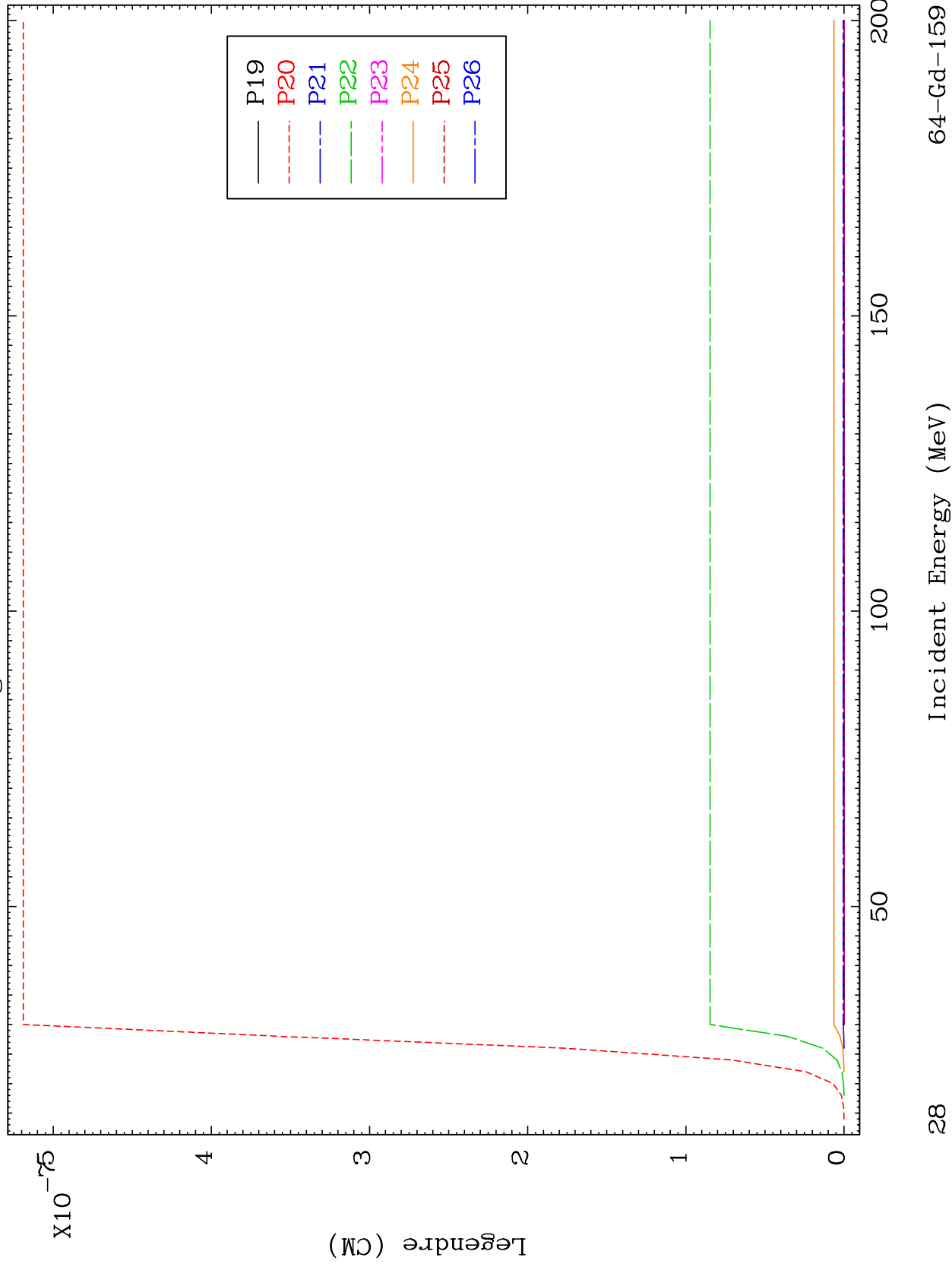
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

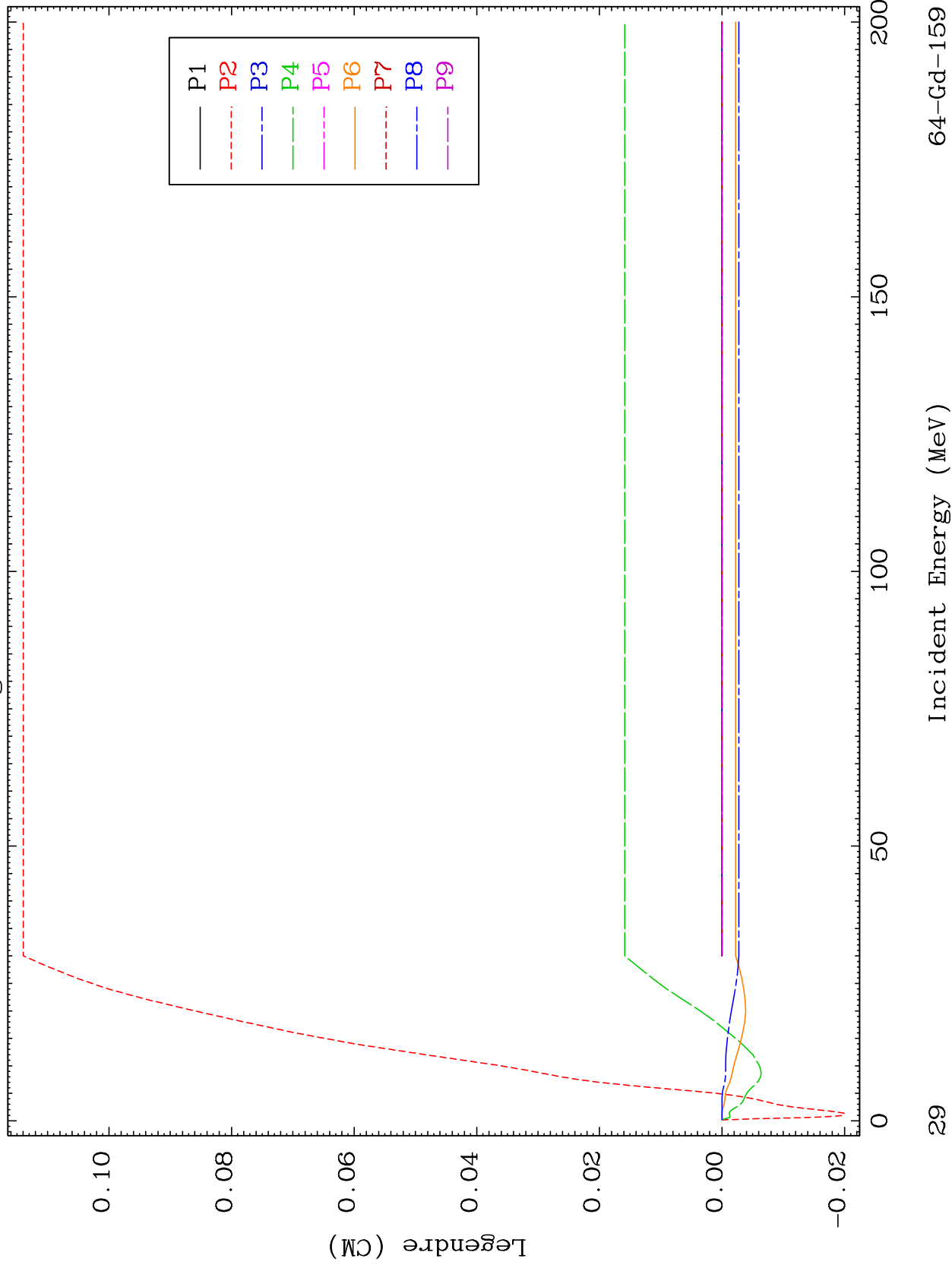
Incident Energy (MeV)

28

MAT 6446

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

64-Gd-159



64-Gd-159

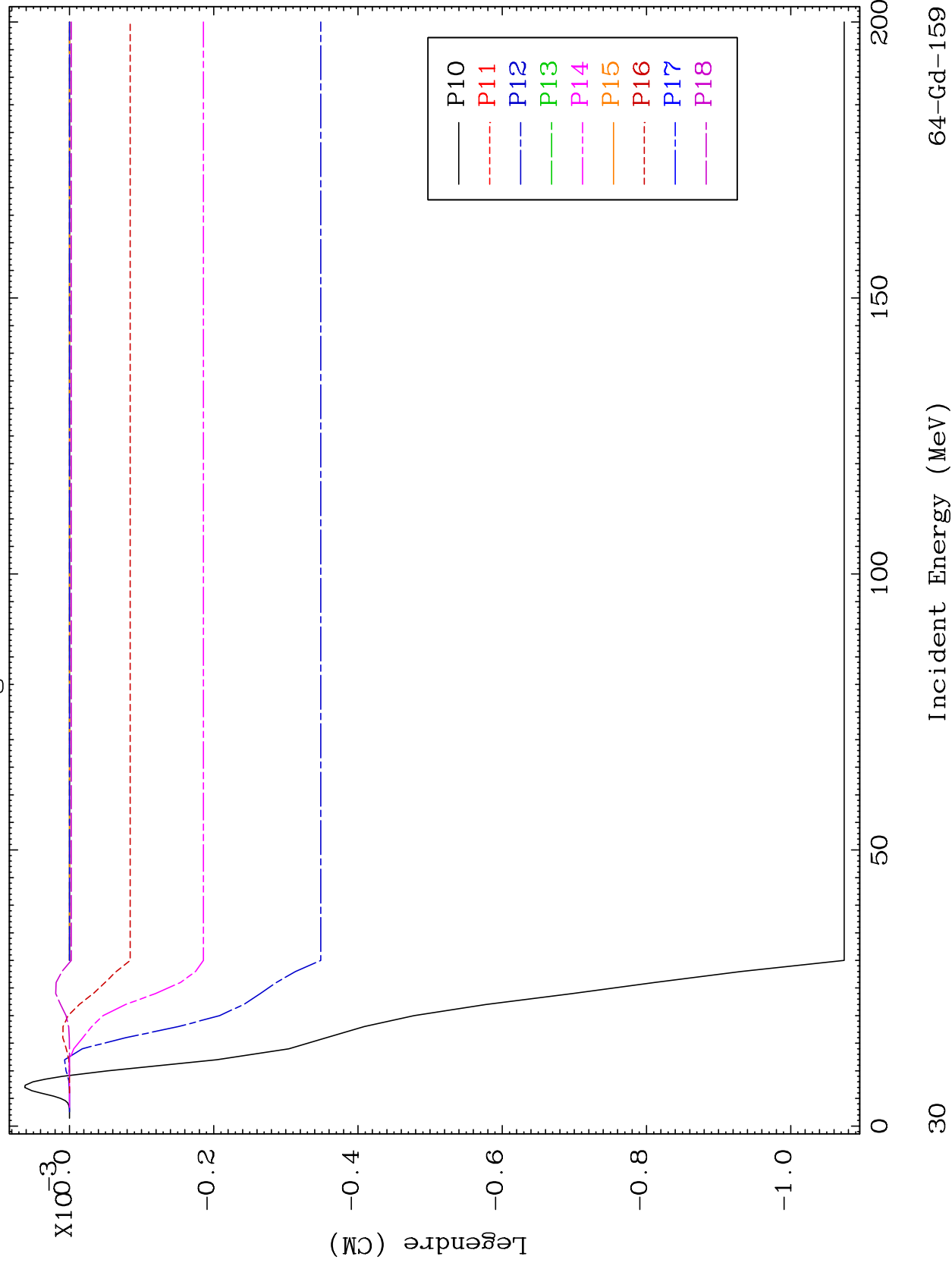
Incident Energy (MeV)

29

MAT 6446

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

64-Gd-159



64-Gd-159

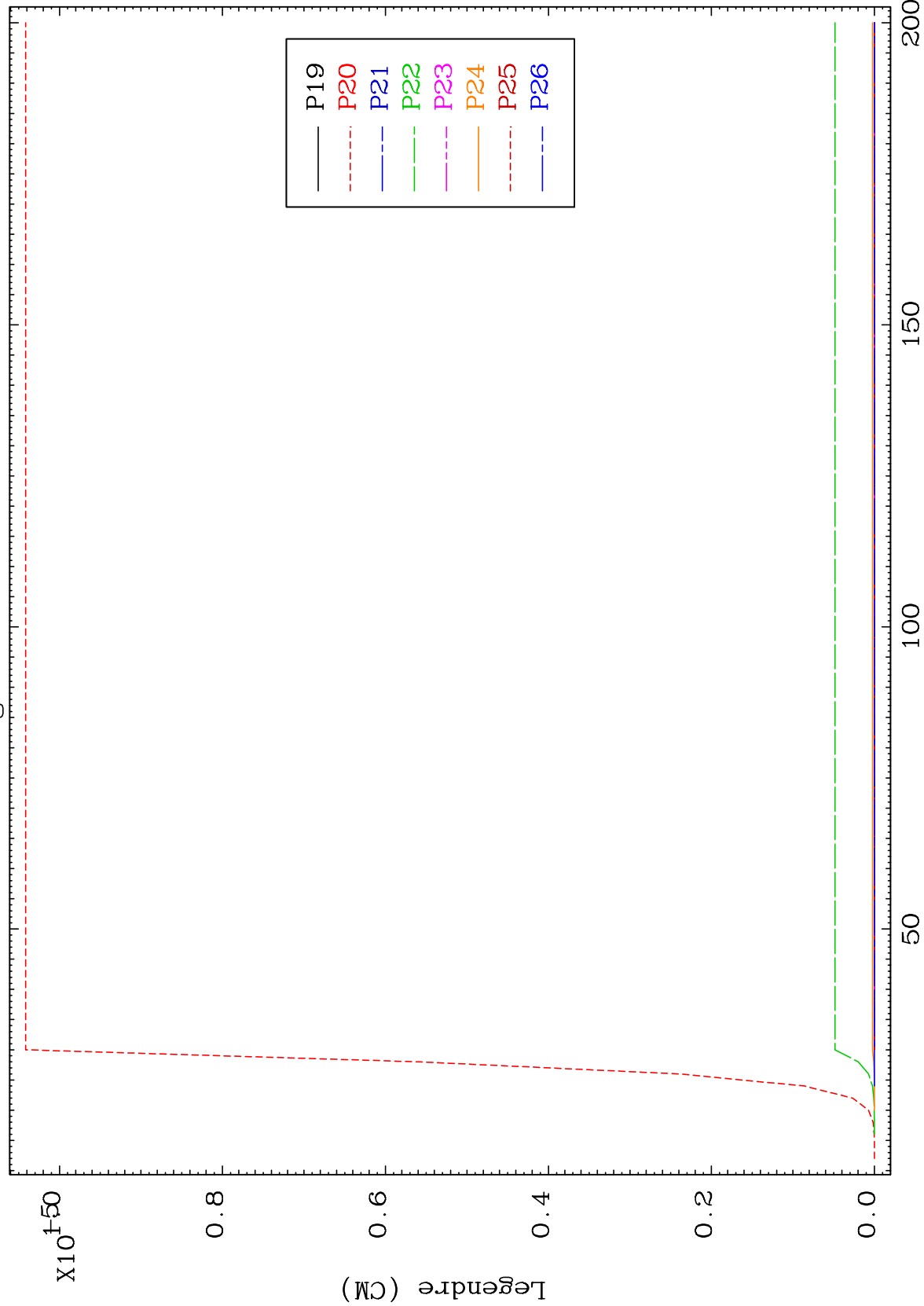
Incident Energy (MeV)

30

MAT 6446

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

64-Gd-159



64-Gd-159

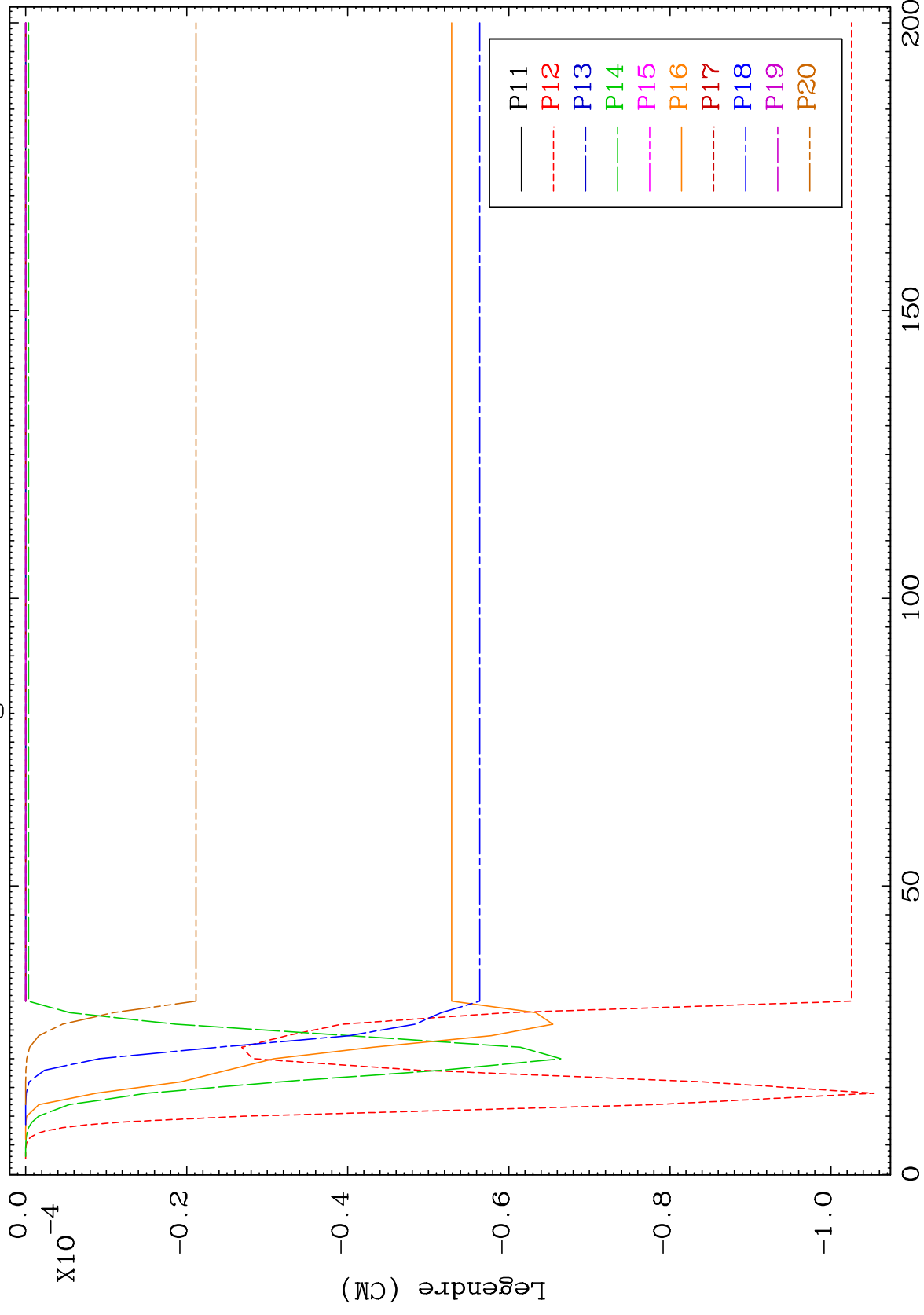
Incident Energy (MeV)

31

MAT 6446

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

64-Gd-159



33

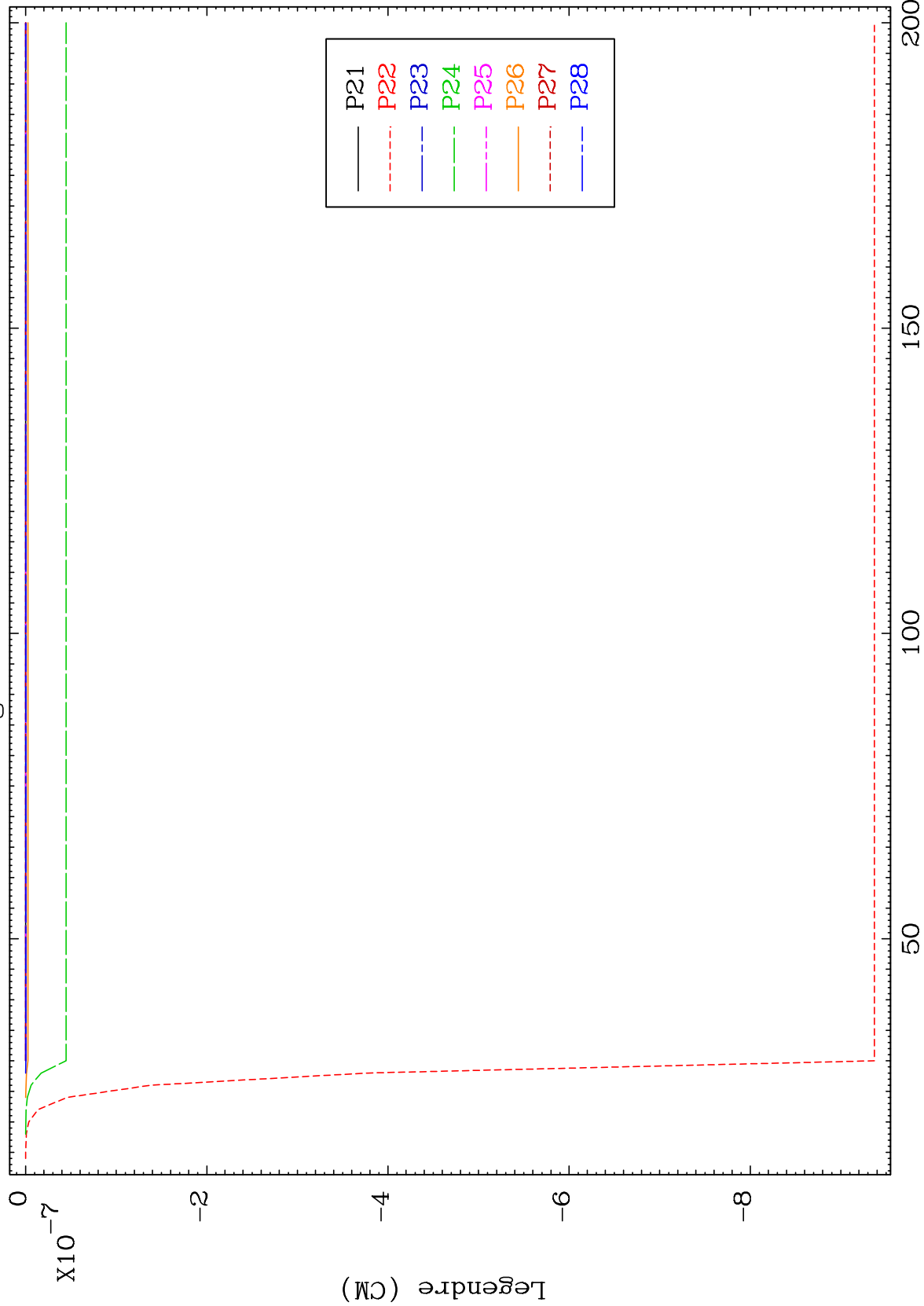
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



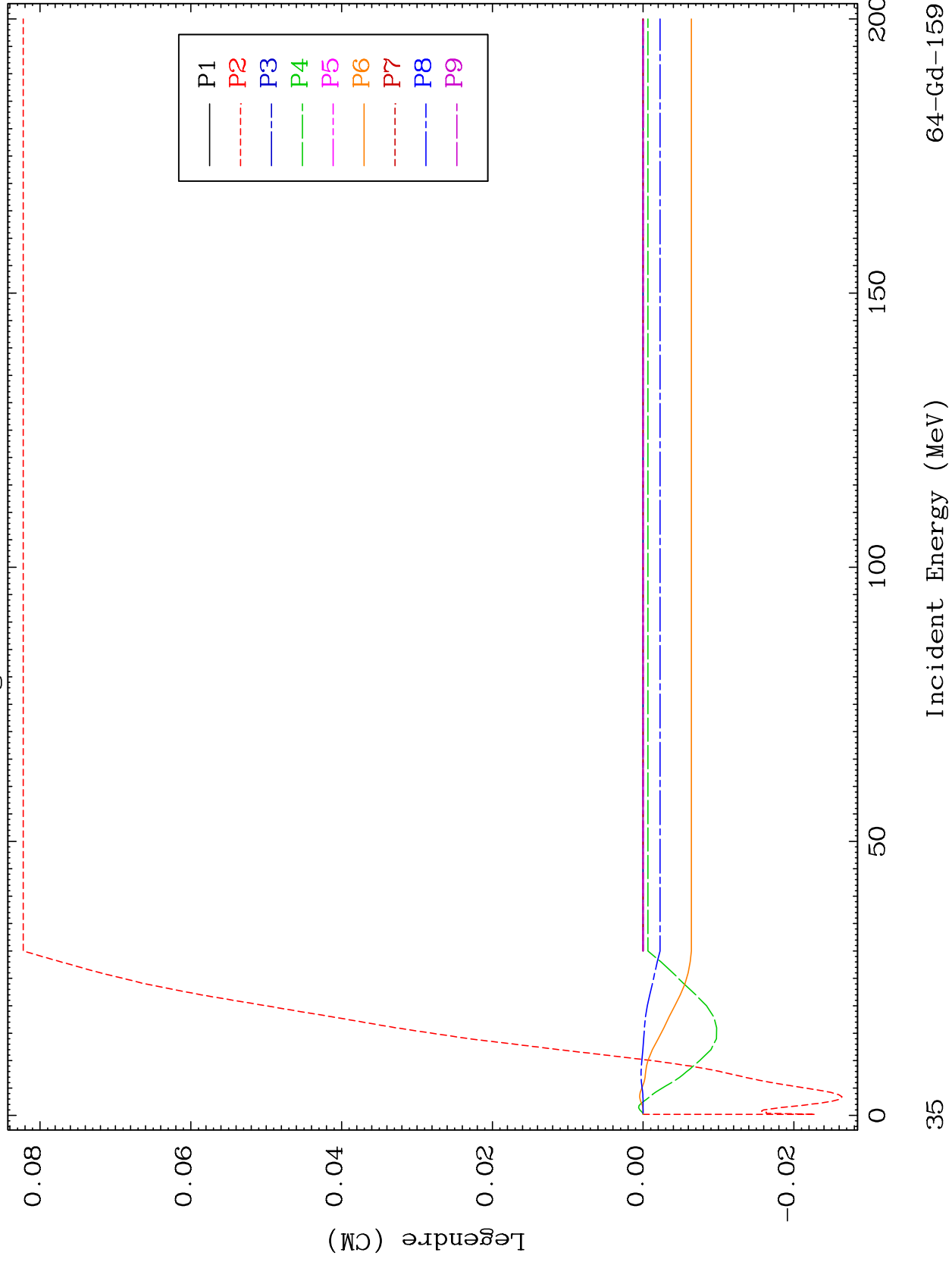
34

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

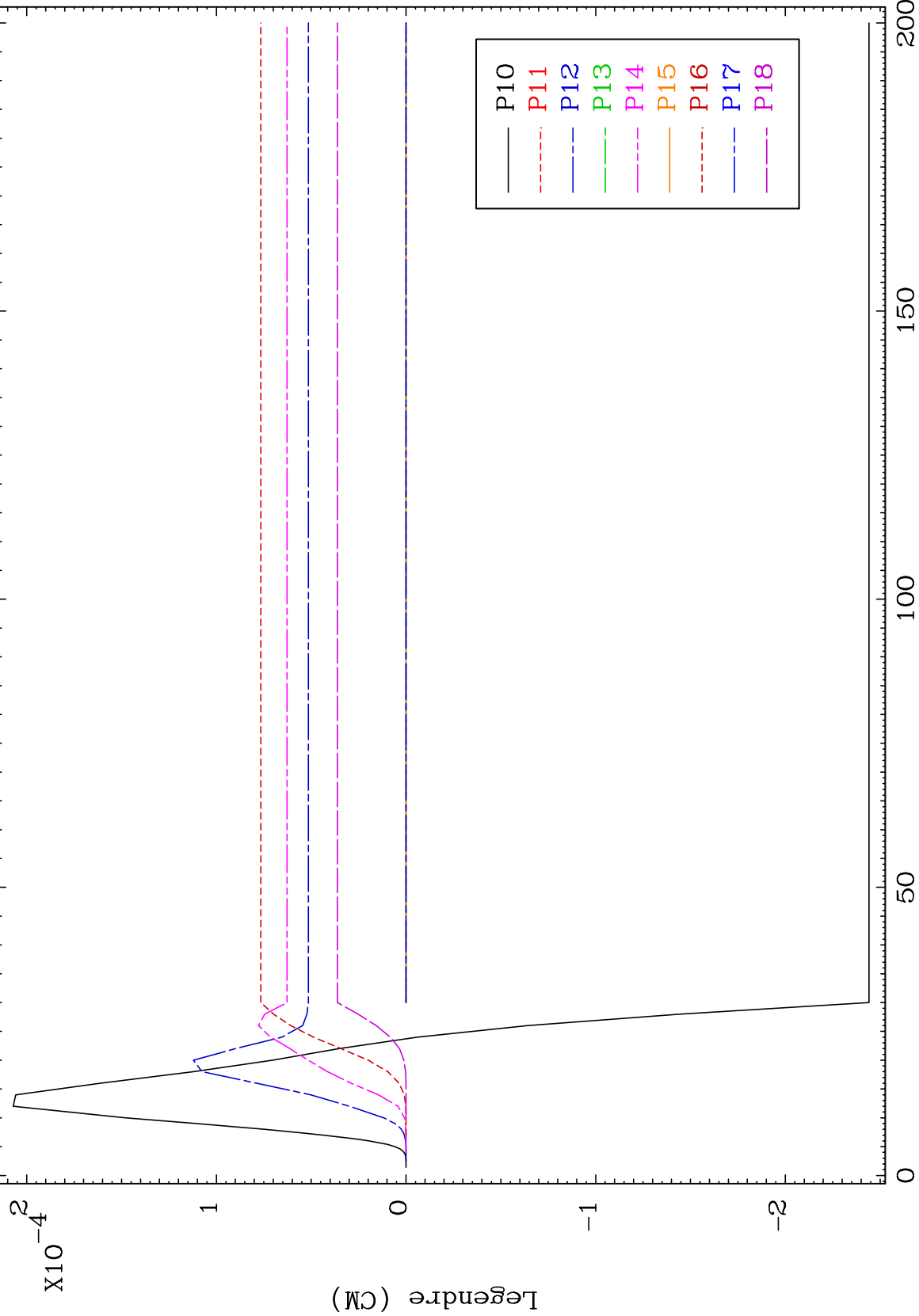
Incident Energy (MeV)

35

MAT 6446

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

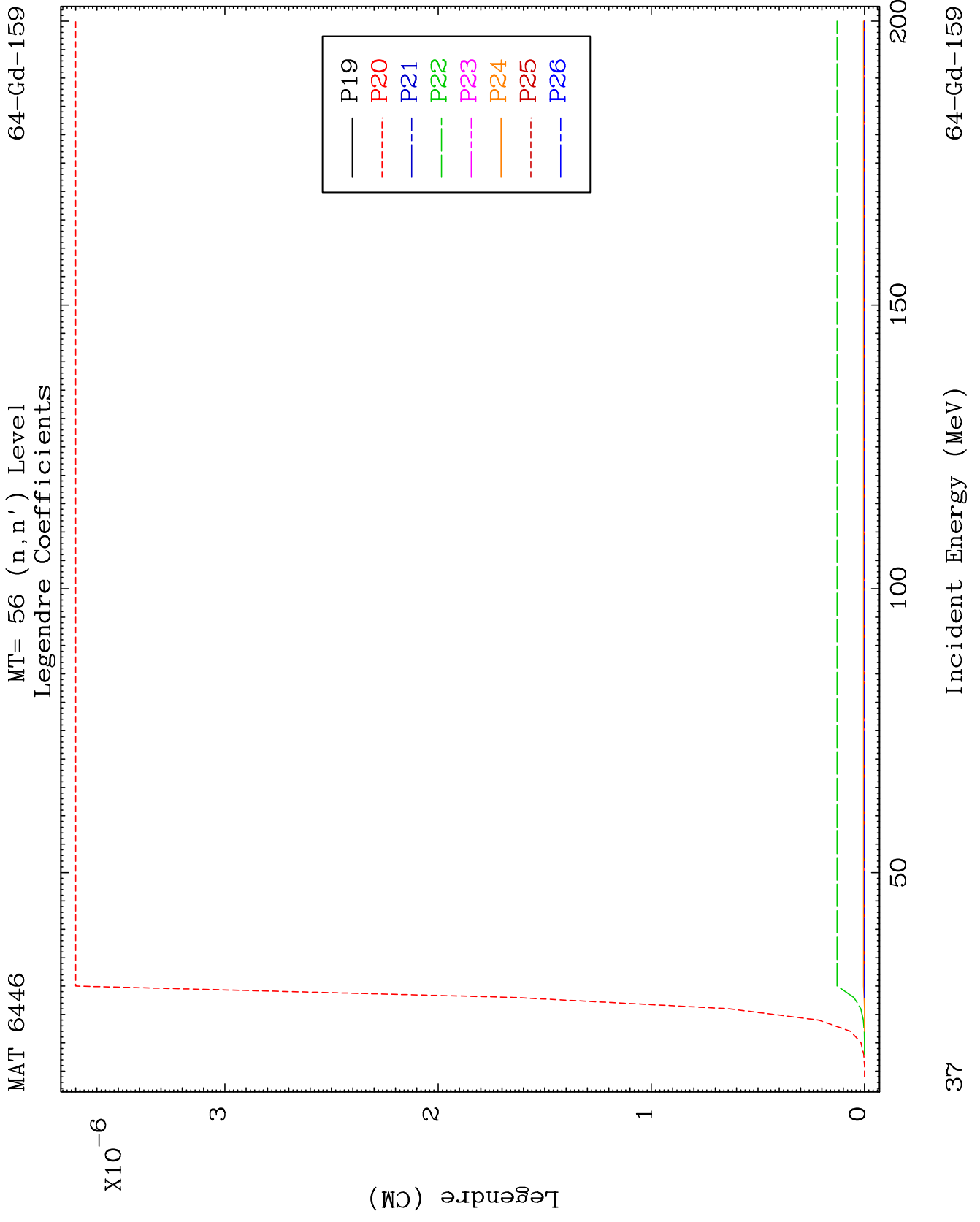
64-Gd-159



36

Incident Energy (MeV)

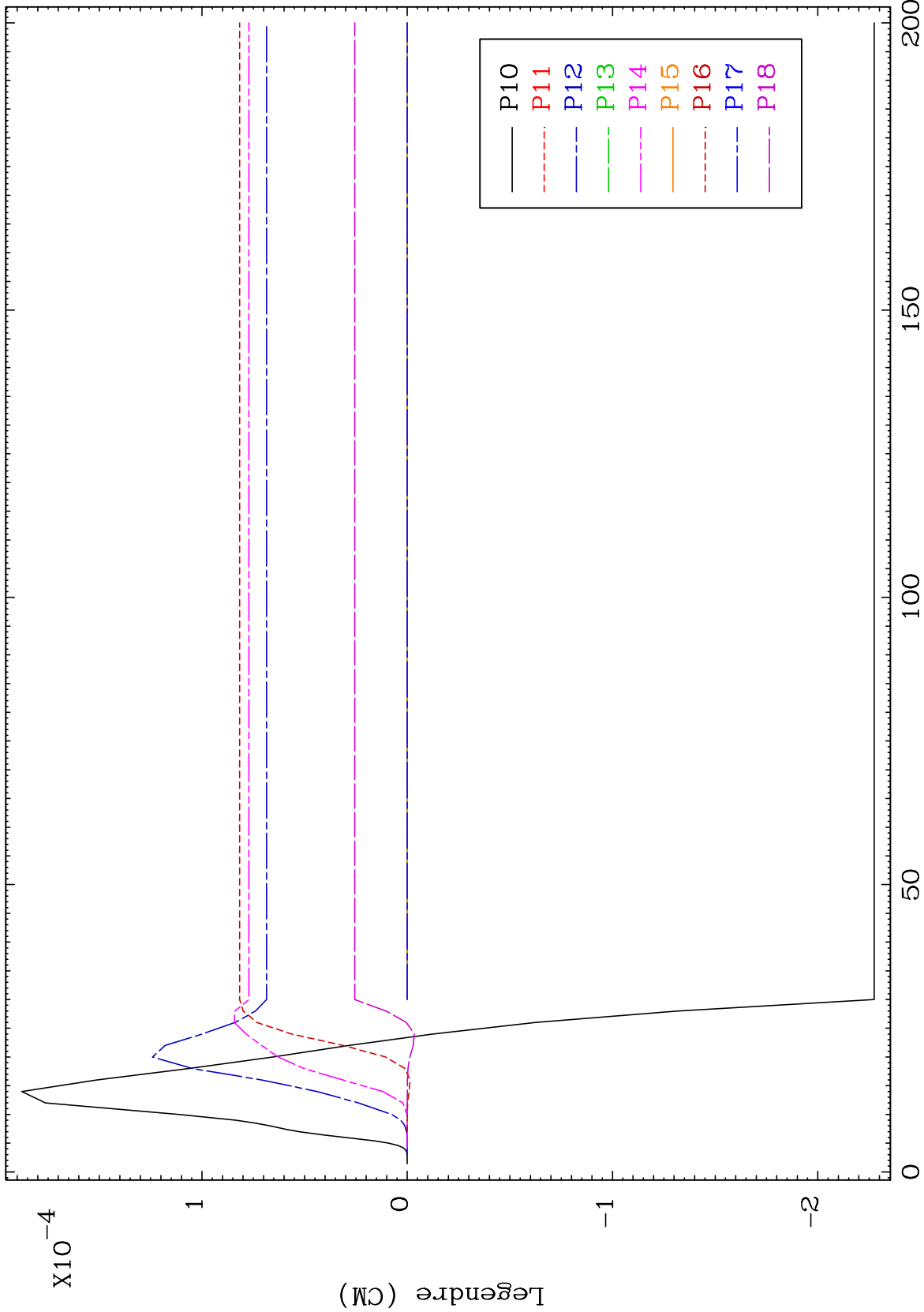
64-Gd-159



MAT 6446

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

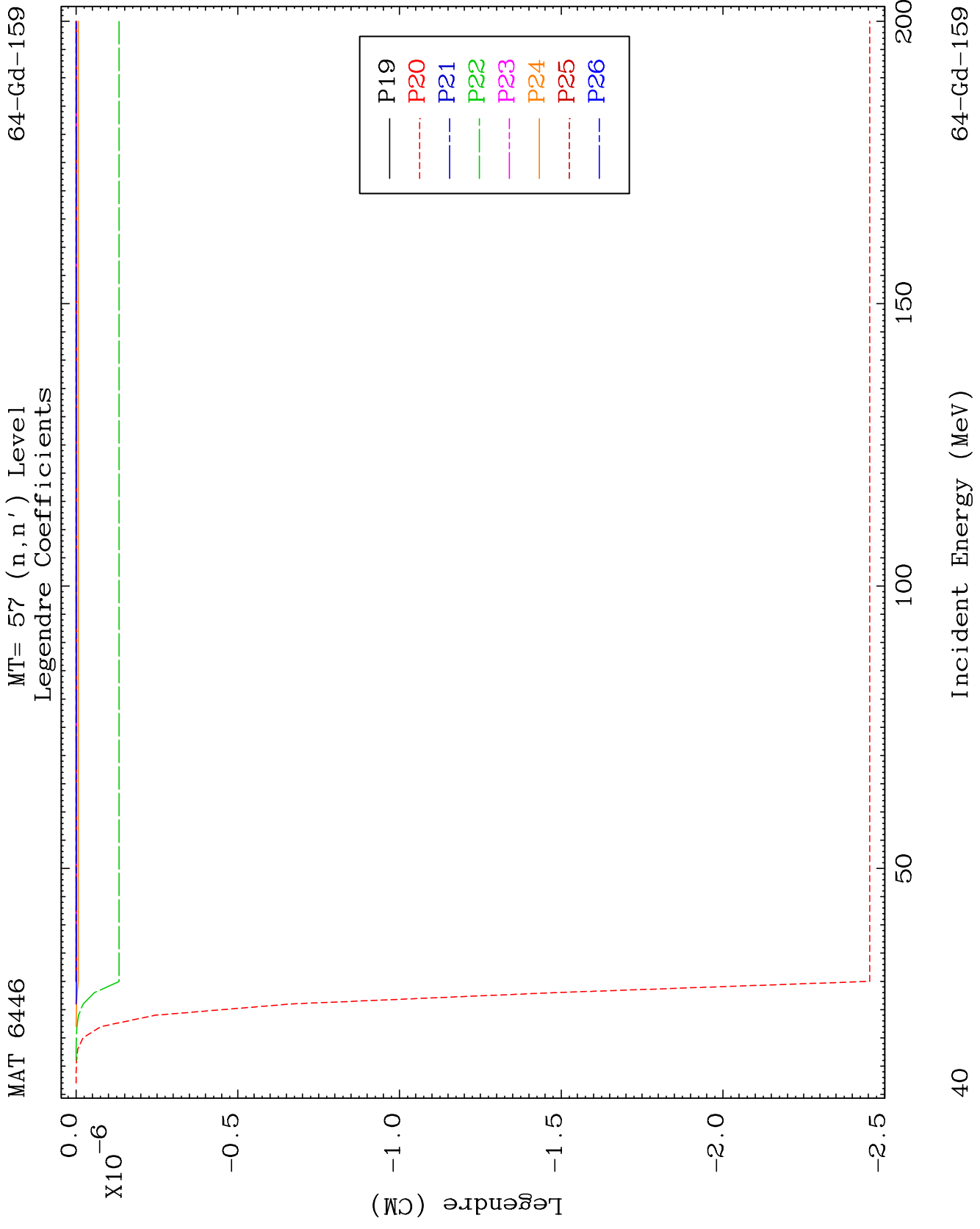
64-Gd-159



39

Incident Energy (MeV)

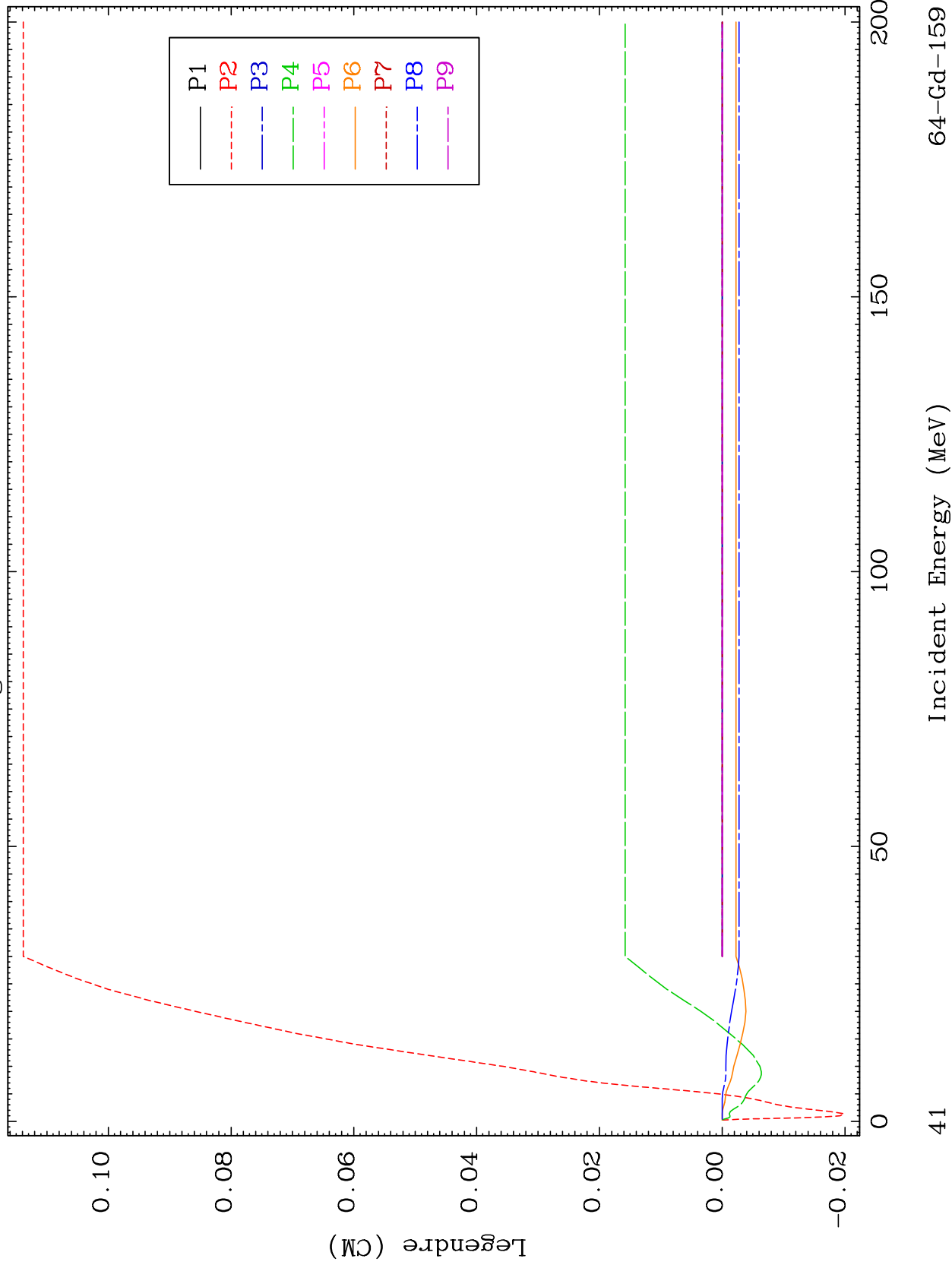
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

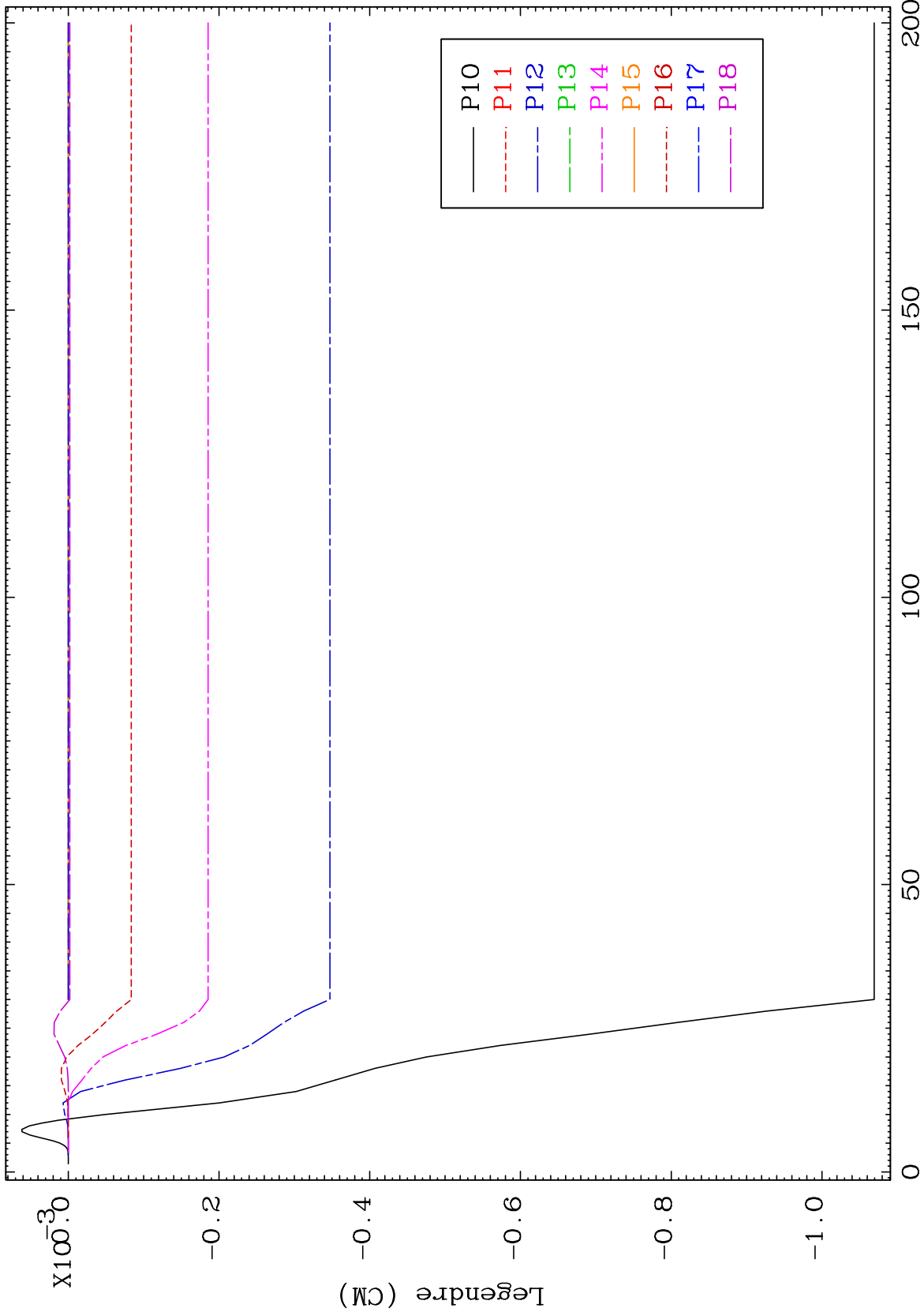
Incident Energy (MeV)

41

MAT 6446

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

64-Gd-159



42

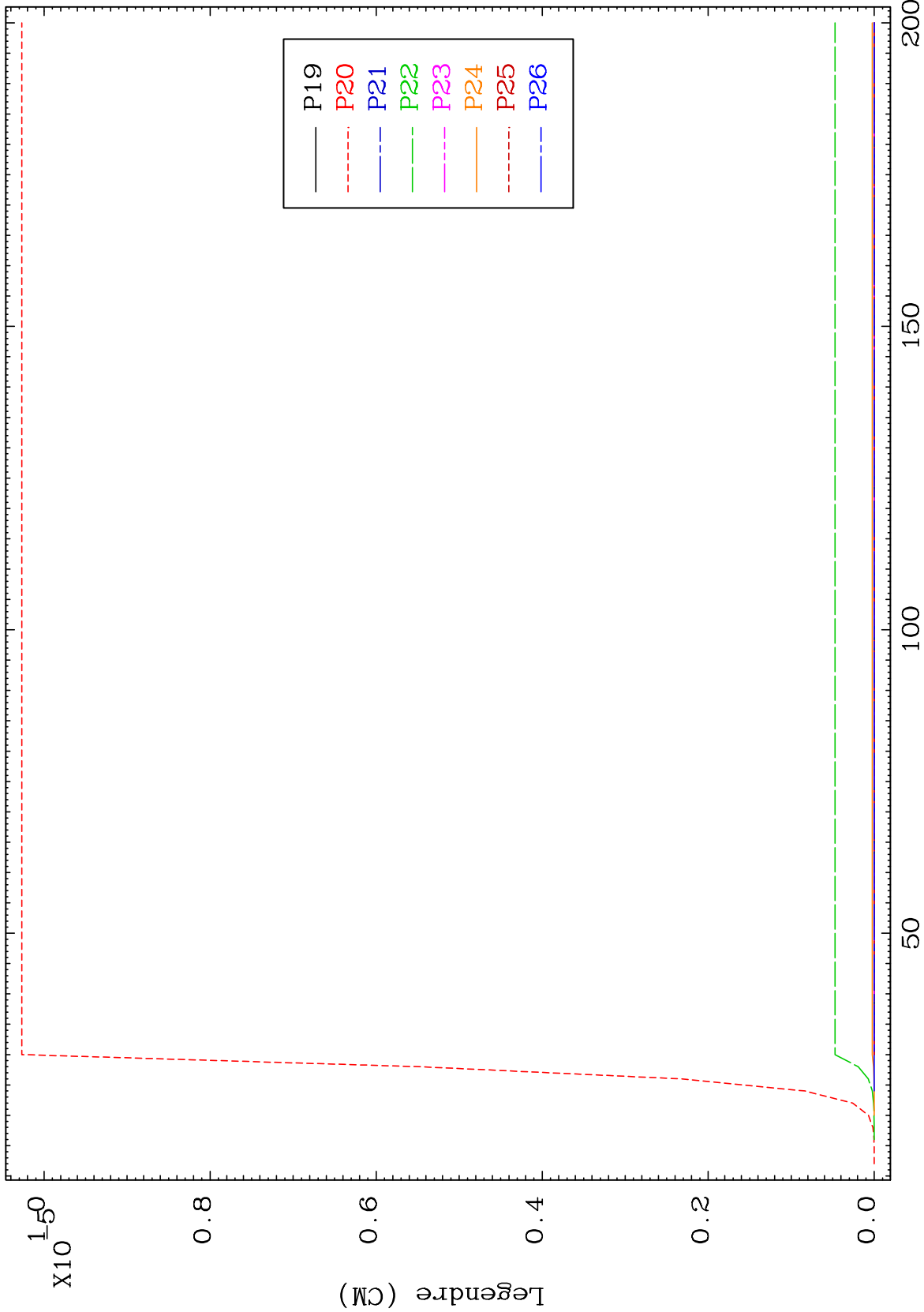
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



43

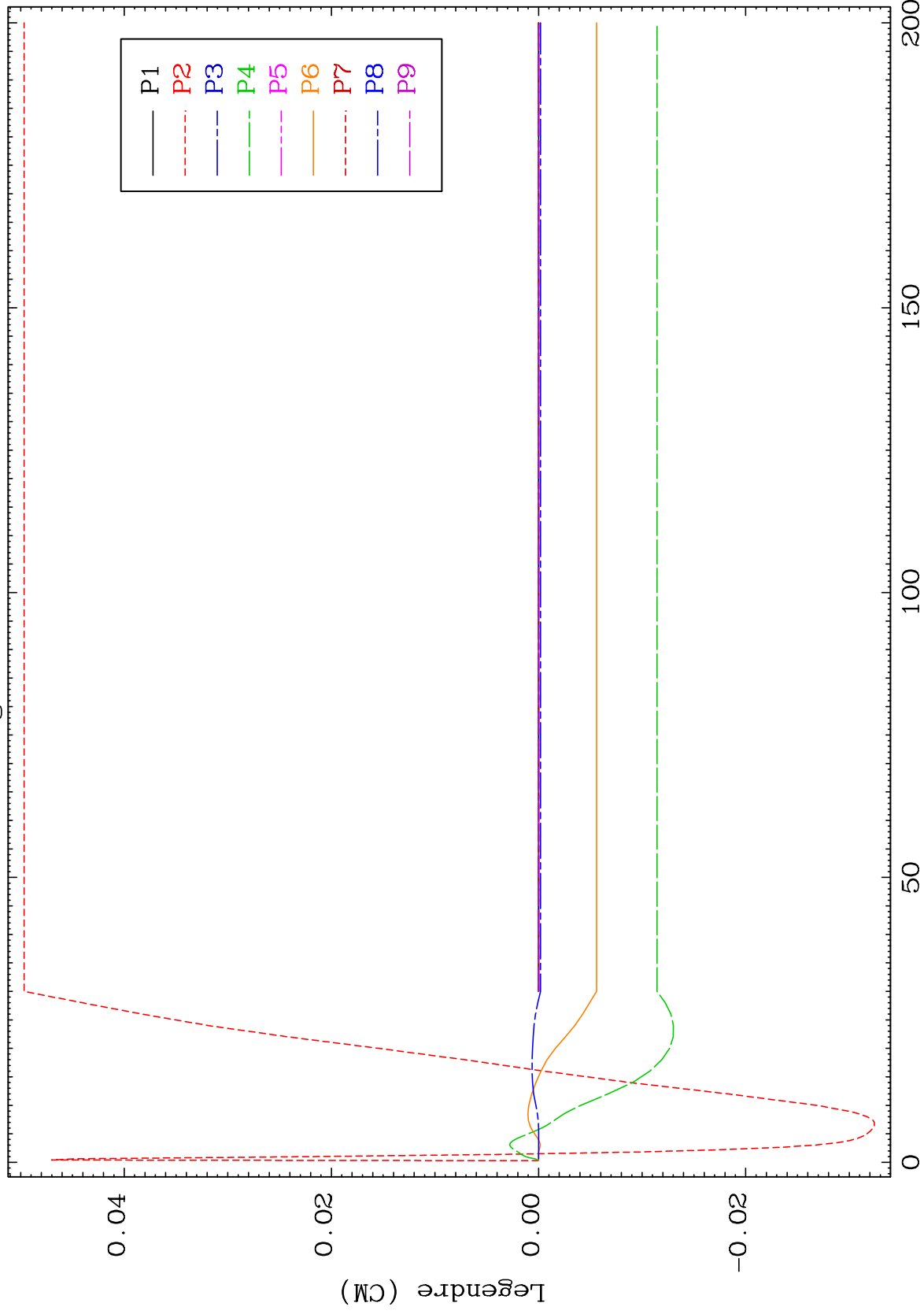
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

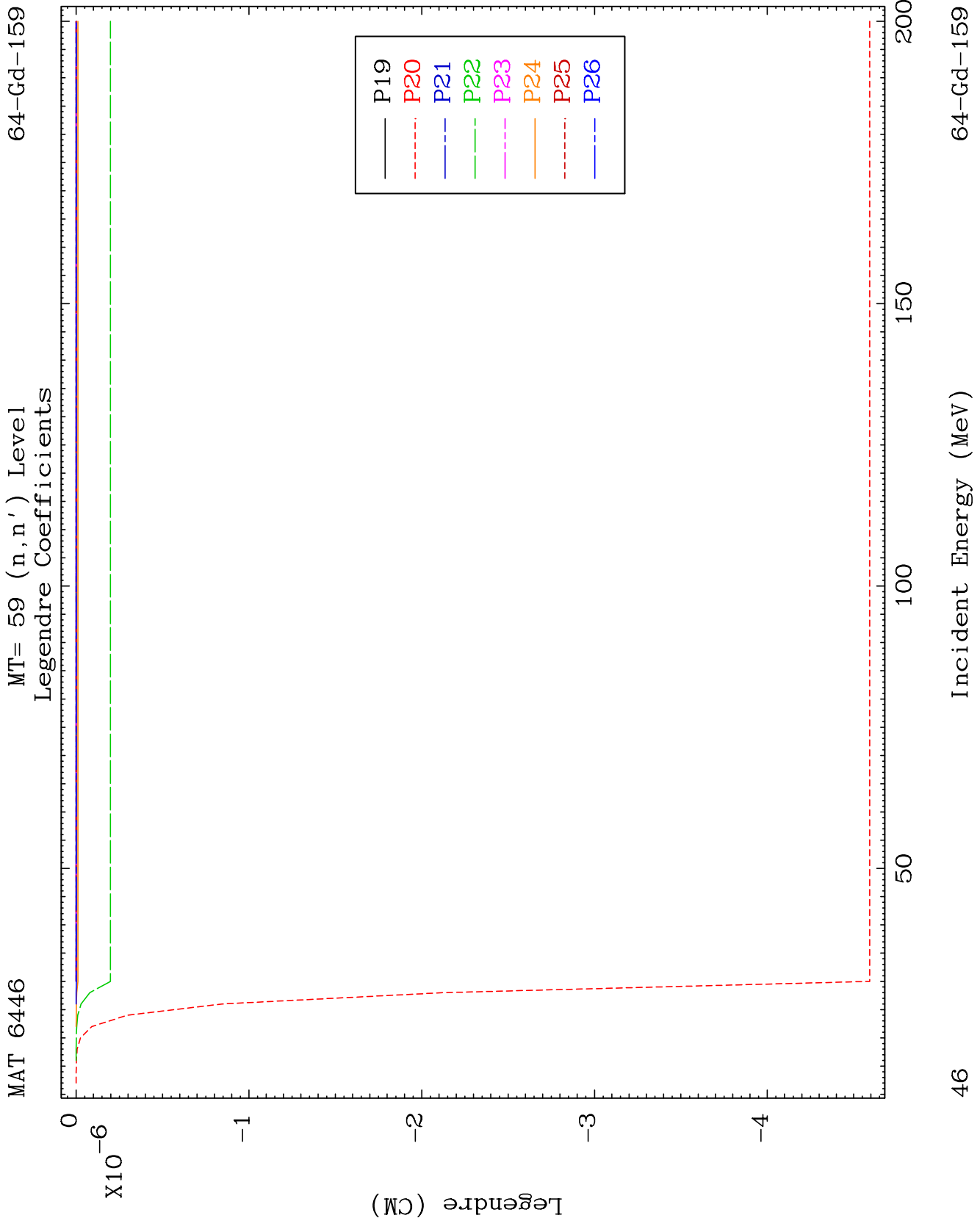
64-Gd-159



44

Incident Energy (MeV)

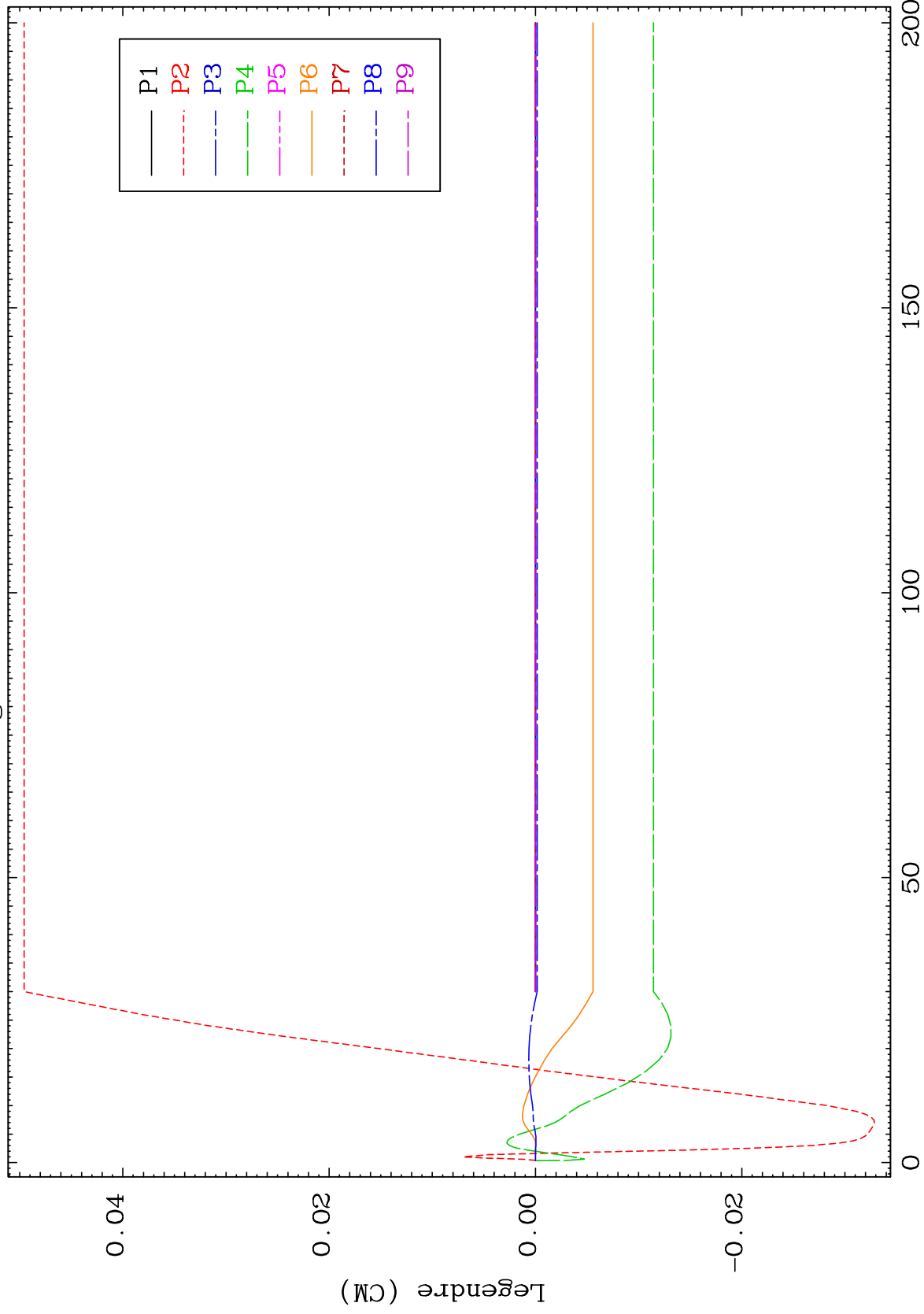
64-Gd-159



MAT 6446

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

64-Gd-159



47

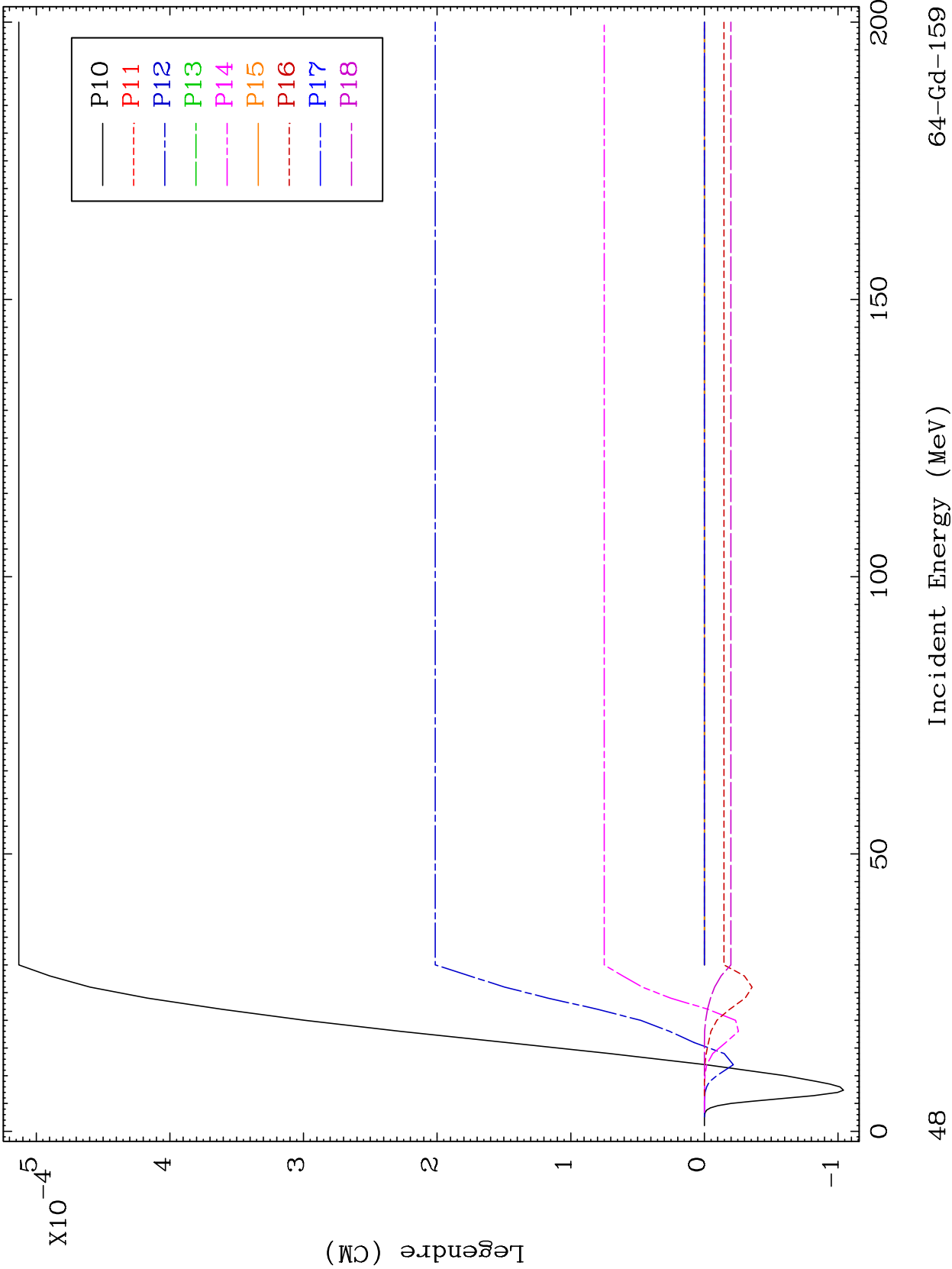
Incident Energy (MeV)

64-Gd-159

MAT 6446

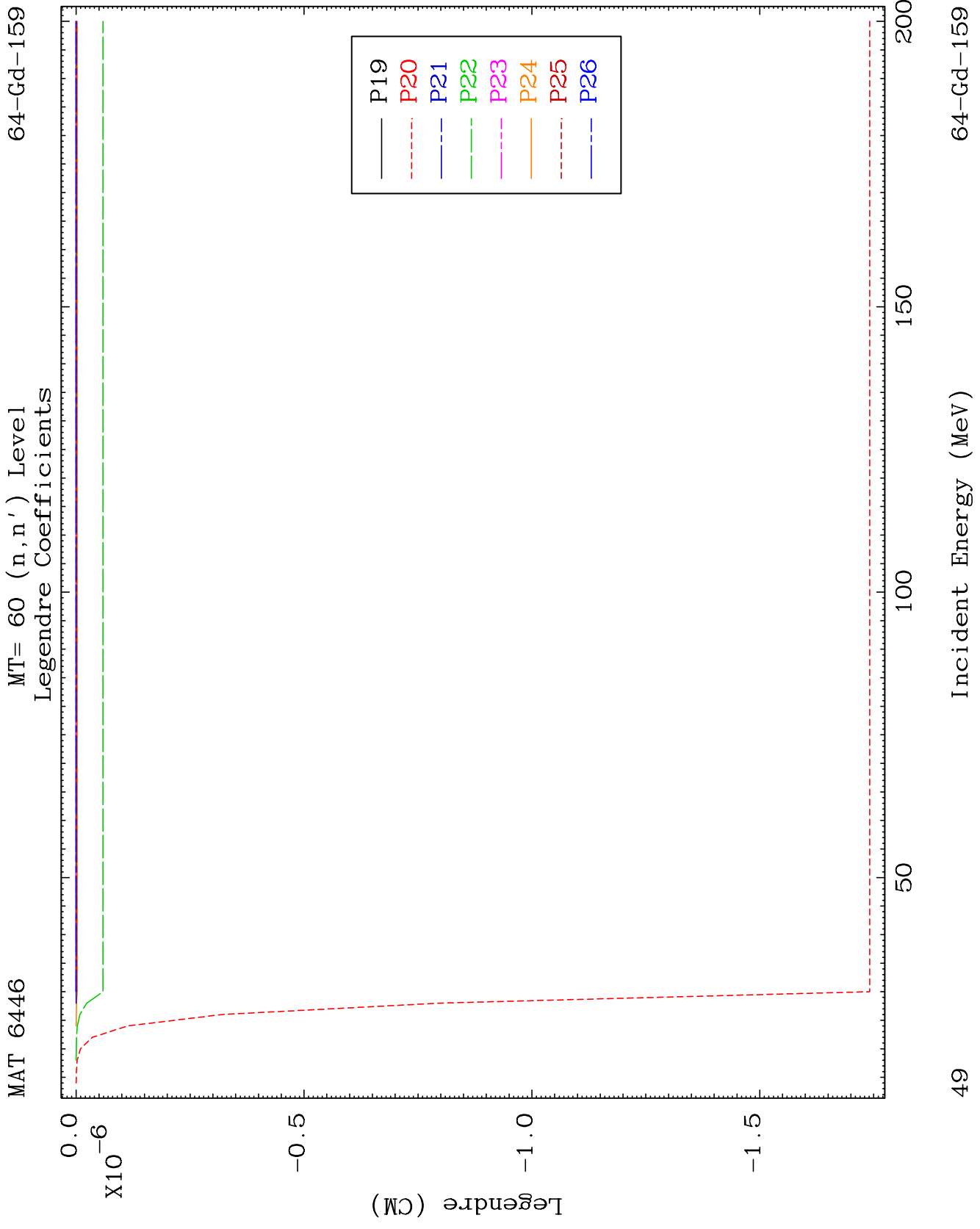
MT= 60 (n,n') Level
Legendre Coefficients

64-Gd-159



48

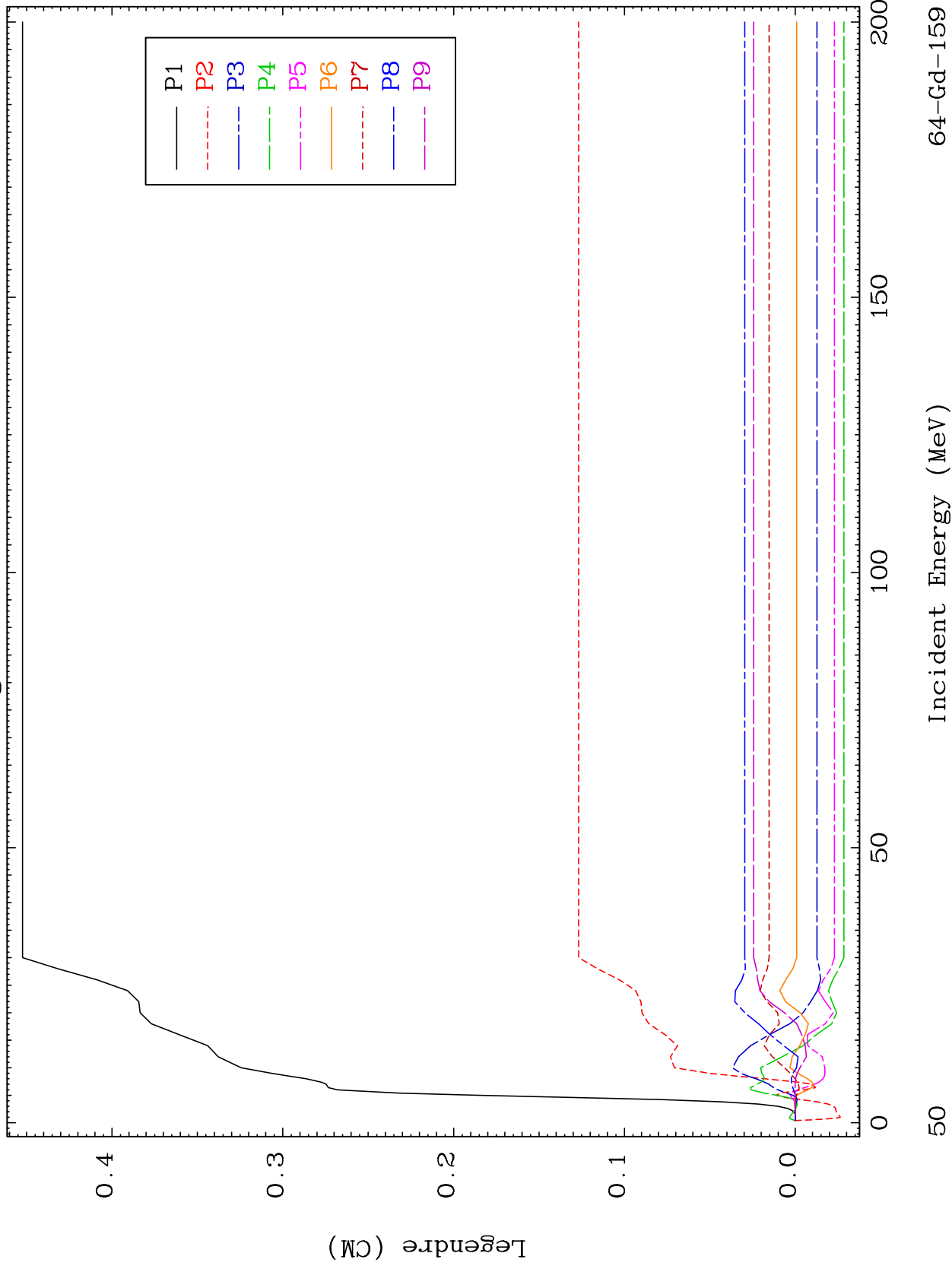
64-Gd-159



MAT 6446

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

64-Gd-159

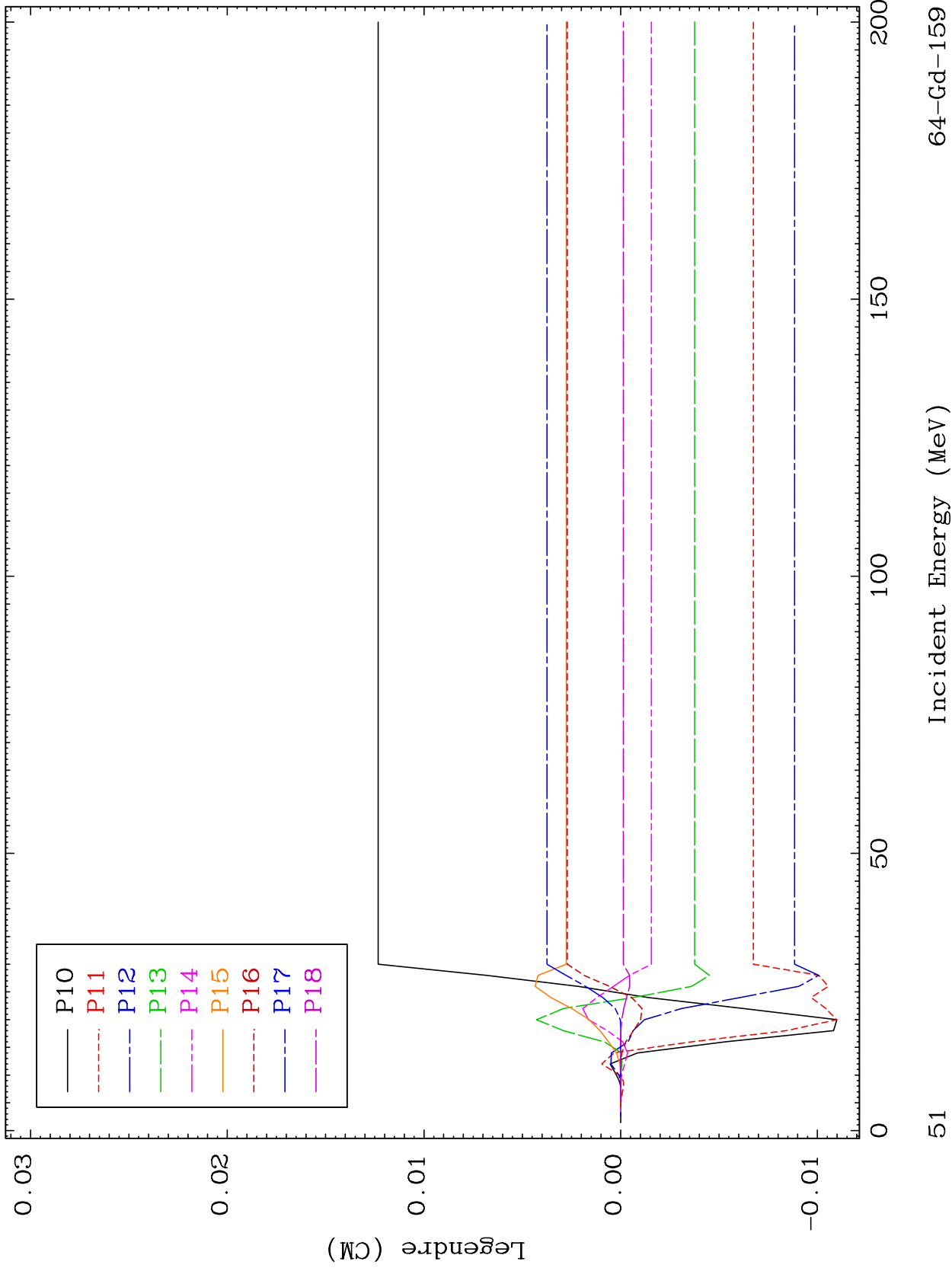


64-Gd-159

MAT 6446

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

64-Gd-159



51

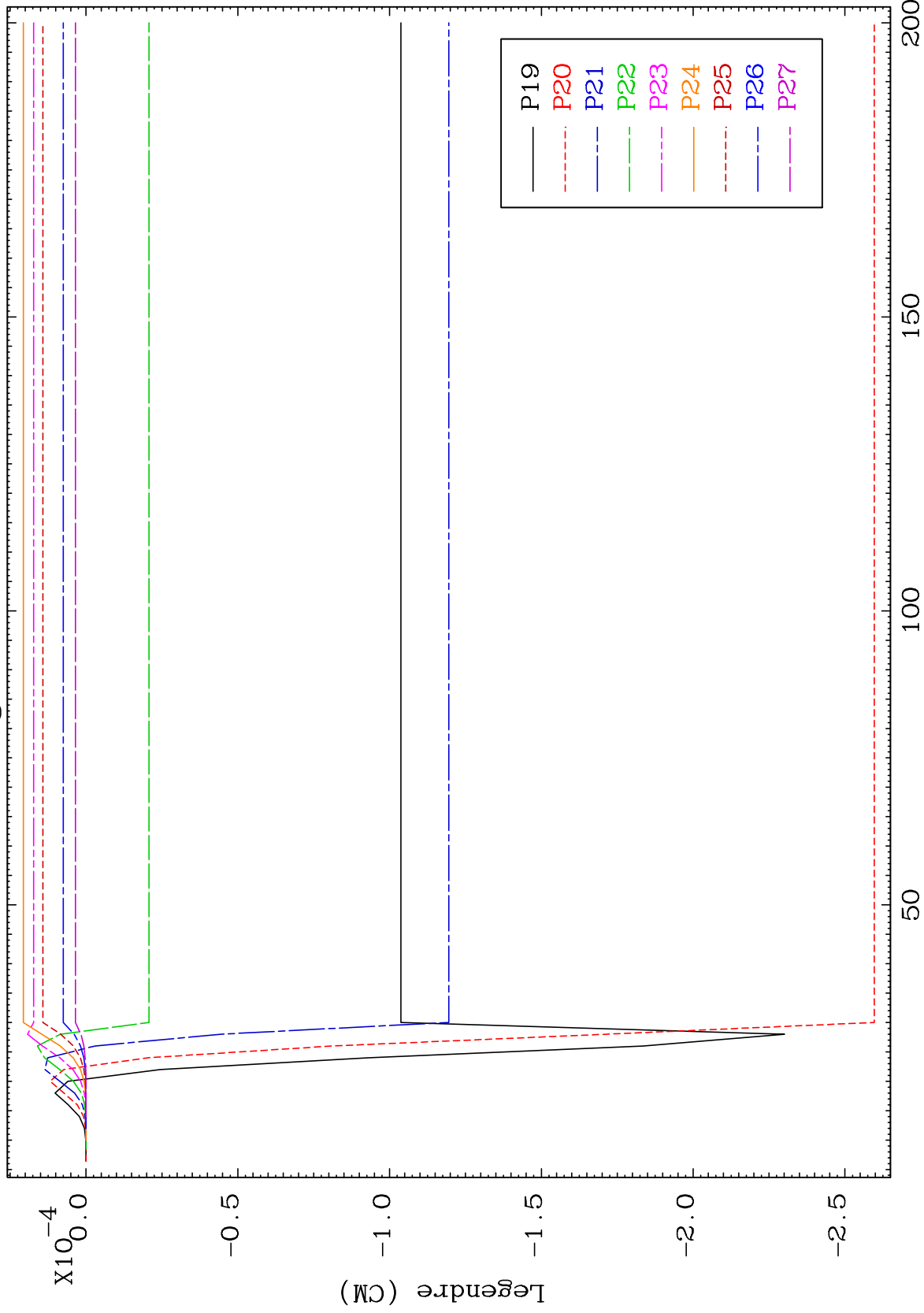
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



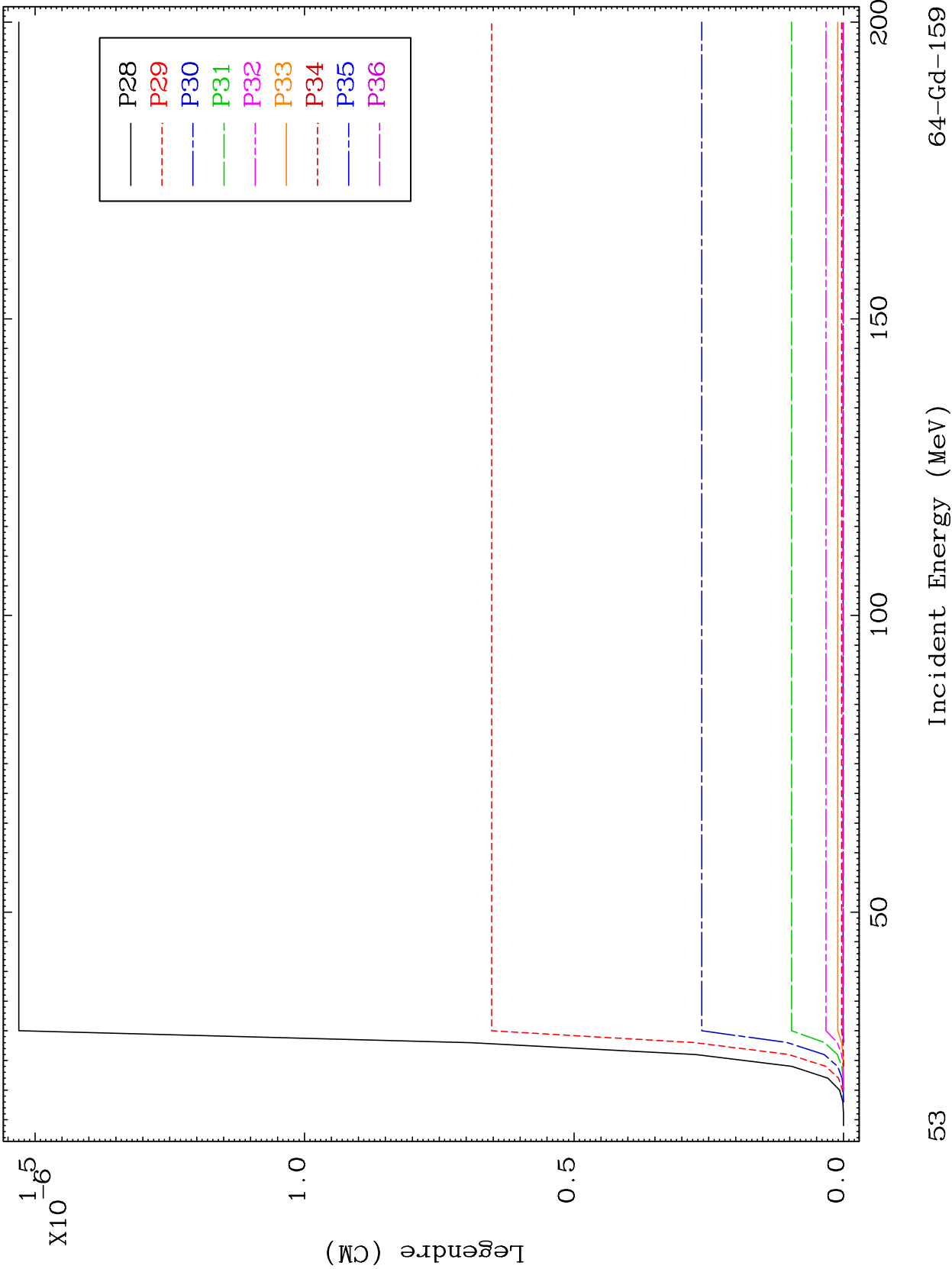
52

64-Gd-159

MAT 6446

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

64-Gd-159



53

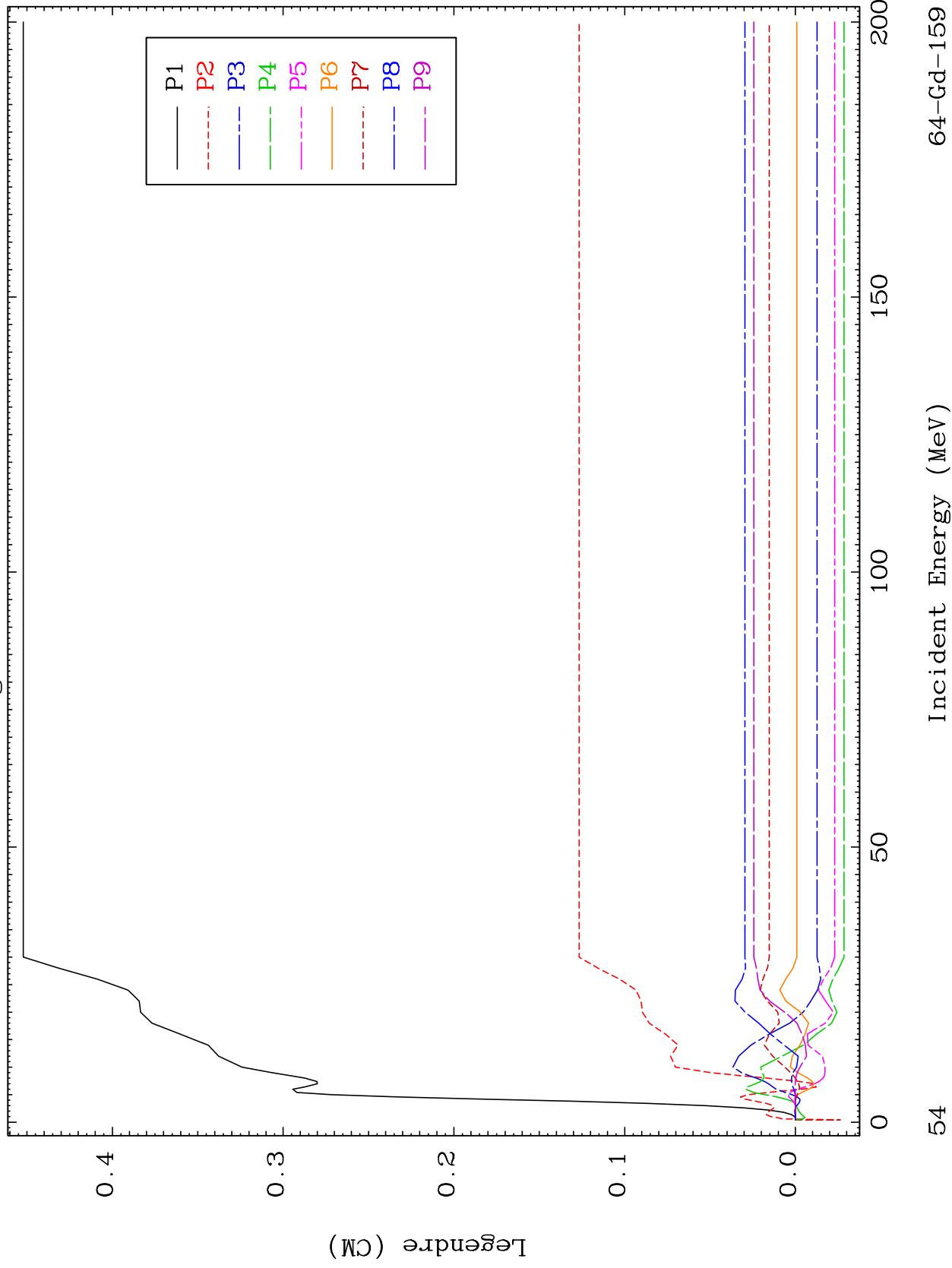
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159

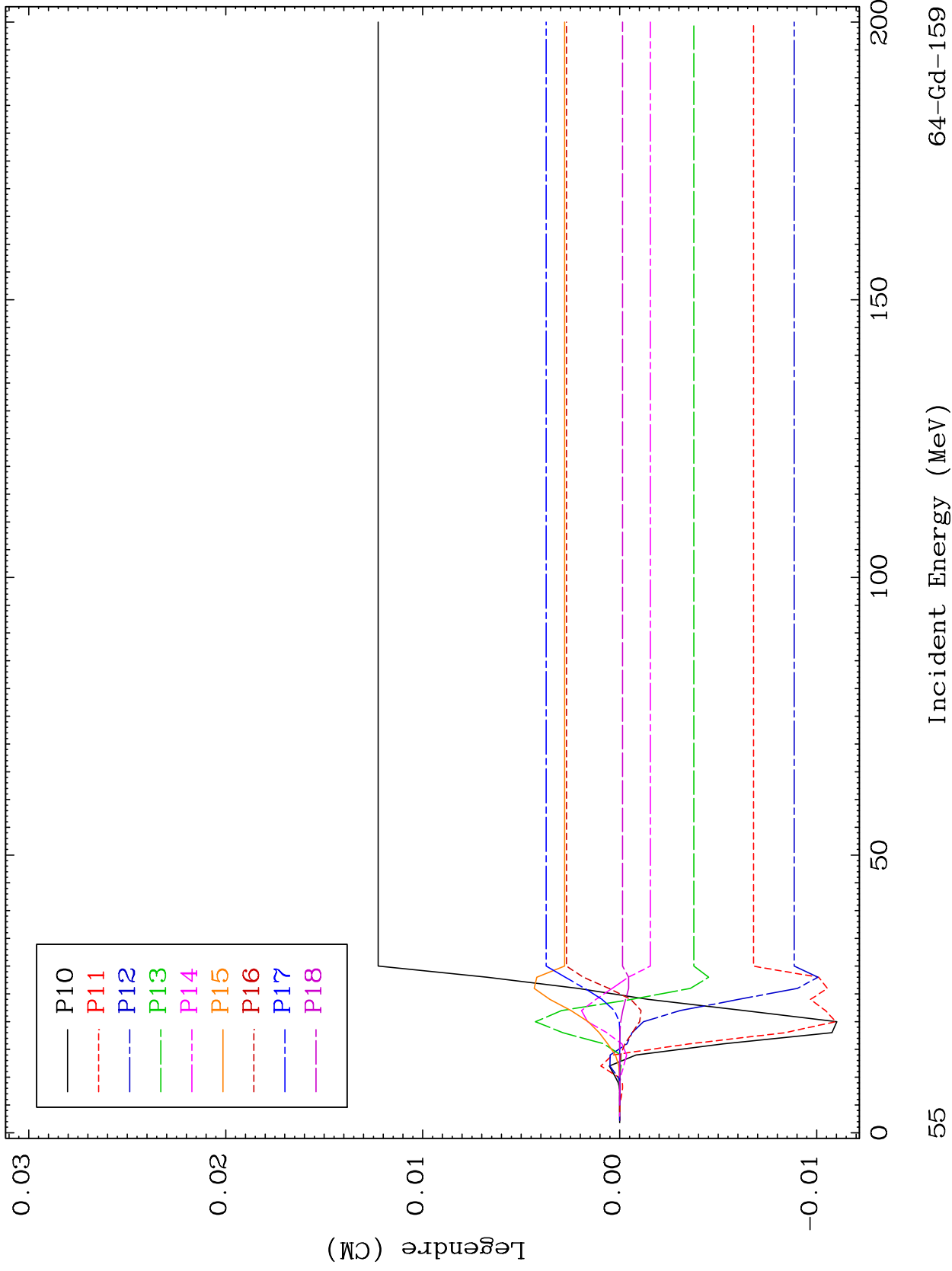


54

MAT 6446

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

64-Gd-159



64-Gd-159

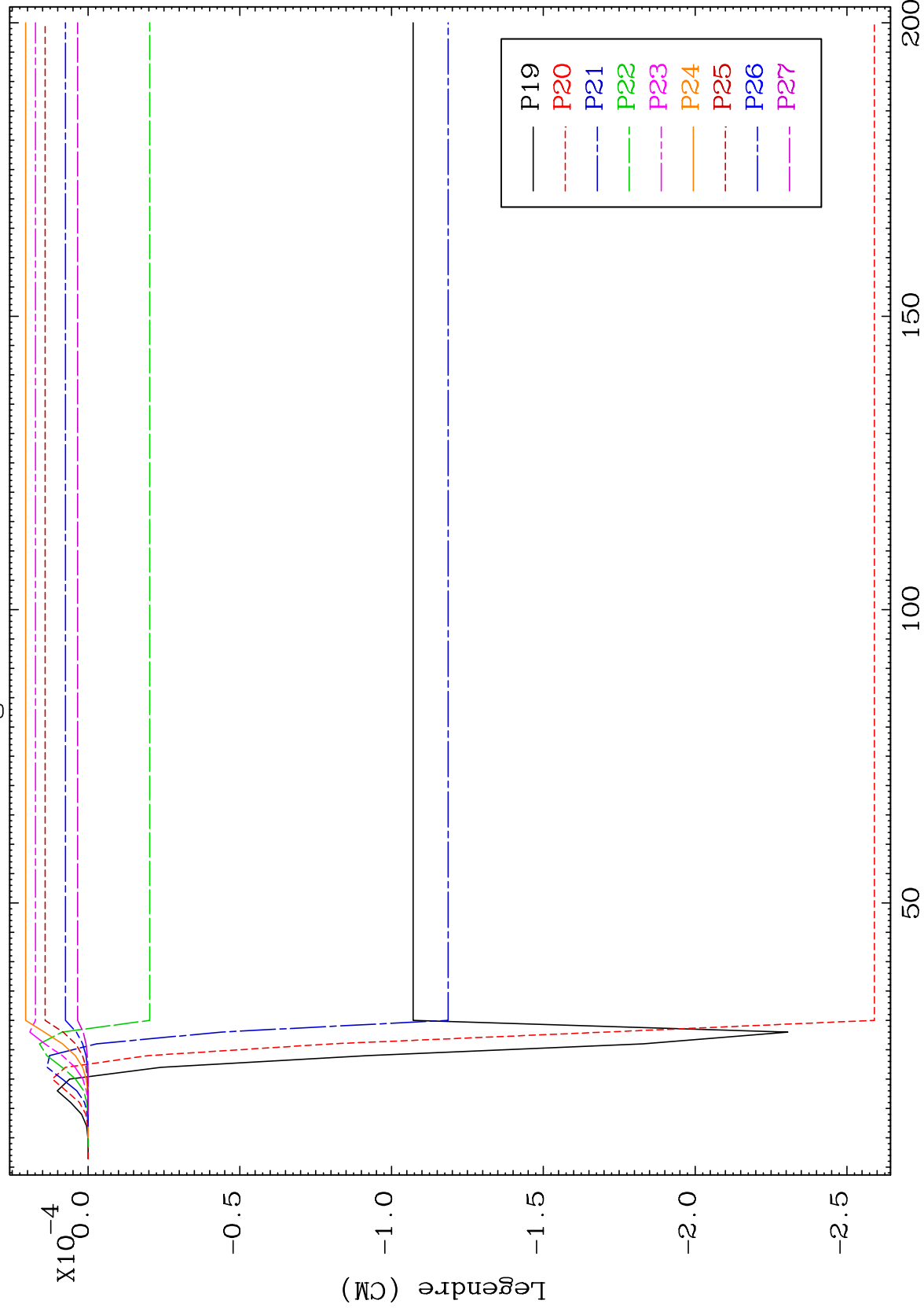
Incident Energy (MeV)

55

MAT 6446

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

64-Gd-159



56

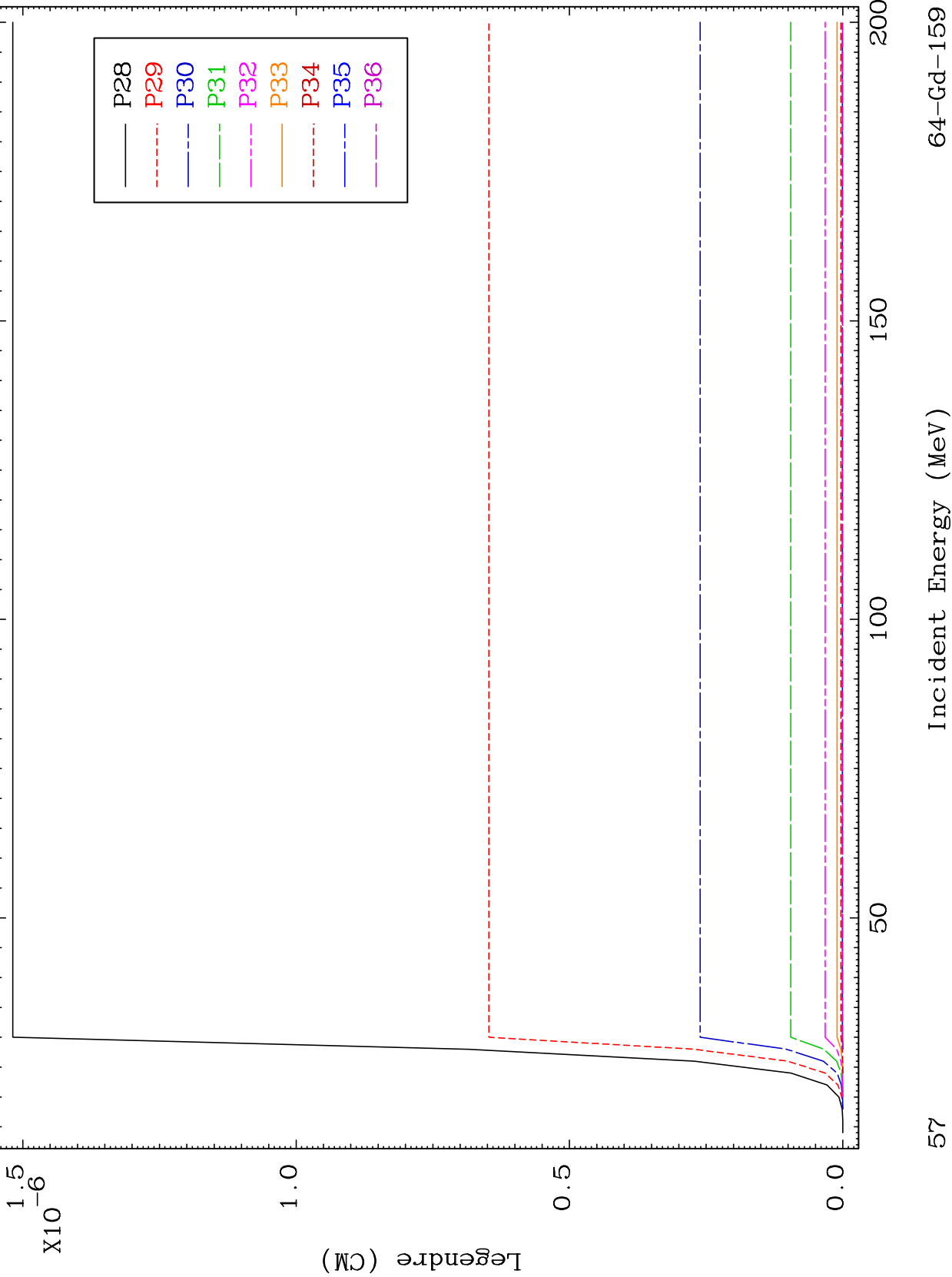
64-Gd-159

64-Gd-159

MAT 6446

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

64-Gd-159



57

Incident Energy (MeV)

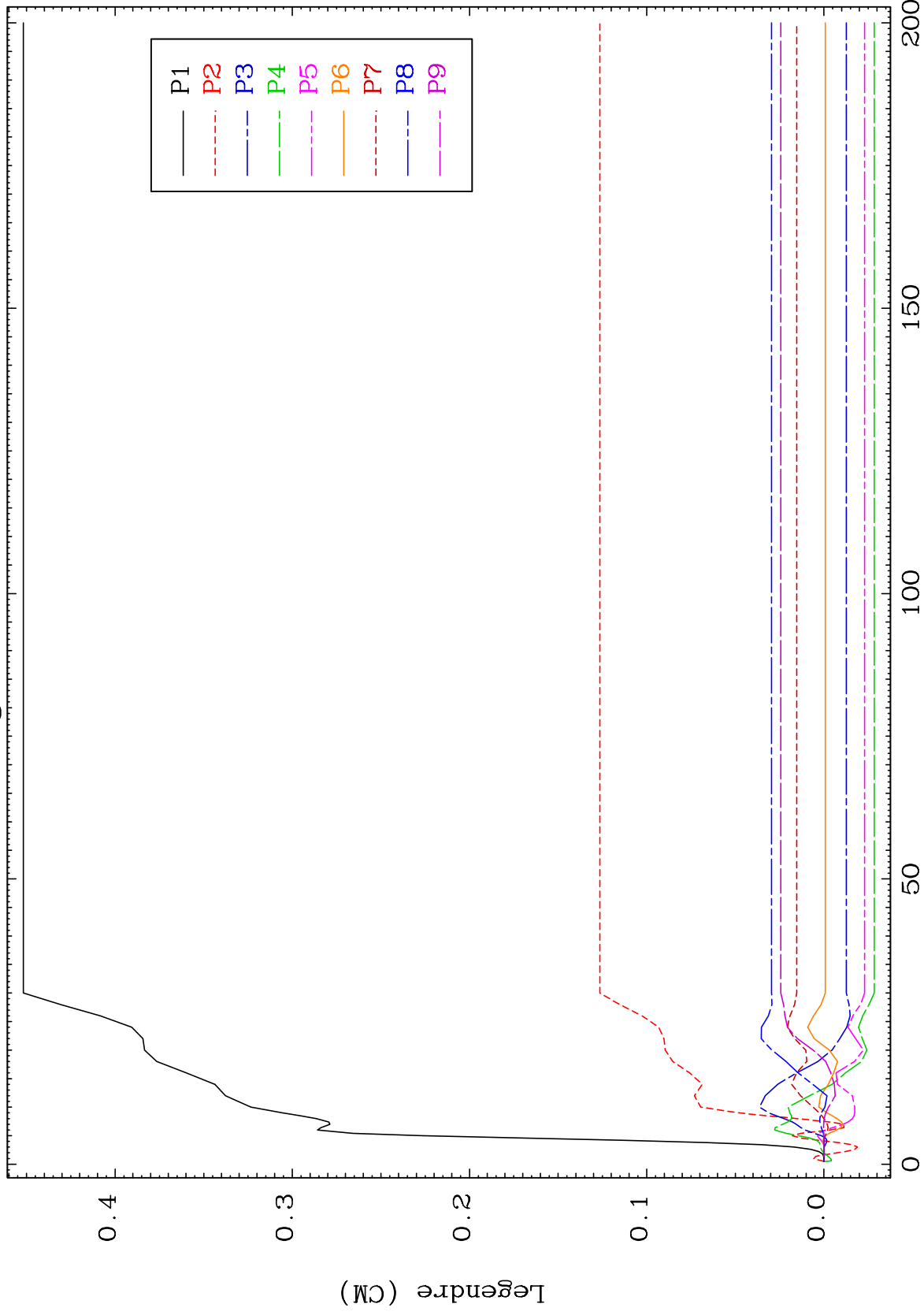
64-Gd-159

MAT 6446

MT= 63 (n,n') Level

64-Gd-159

Legendre Coefficients



58

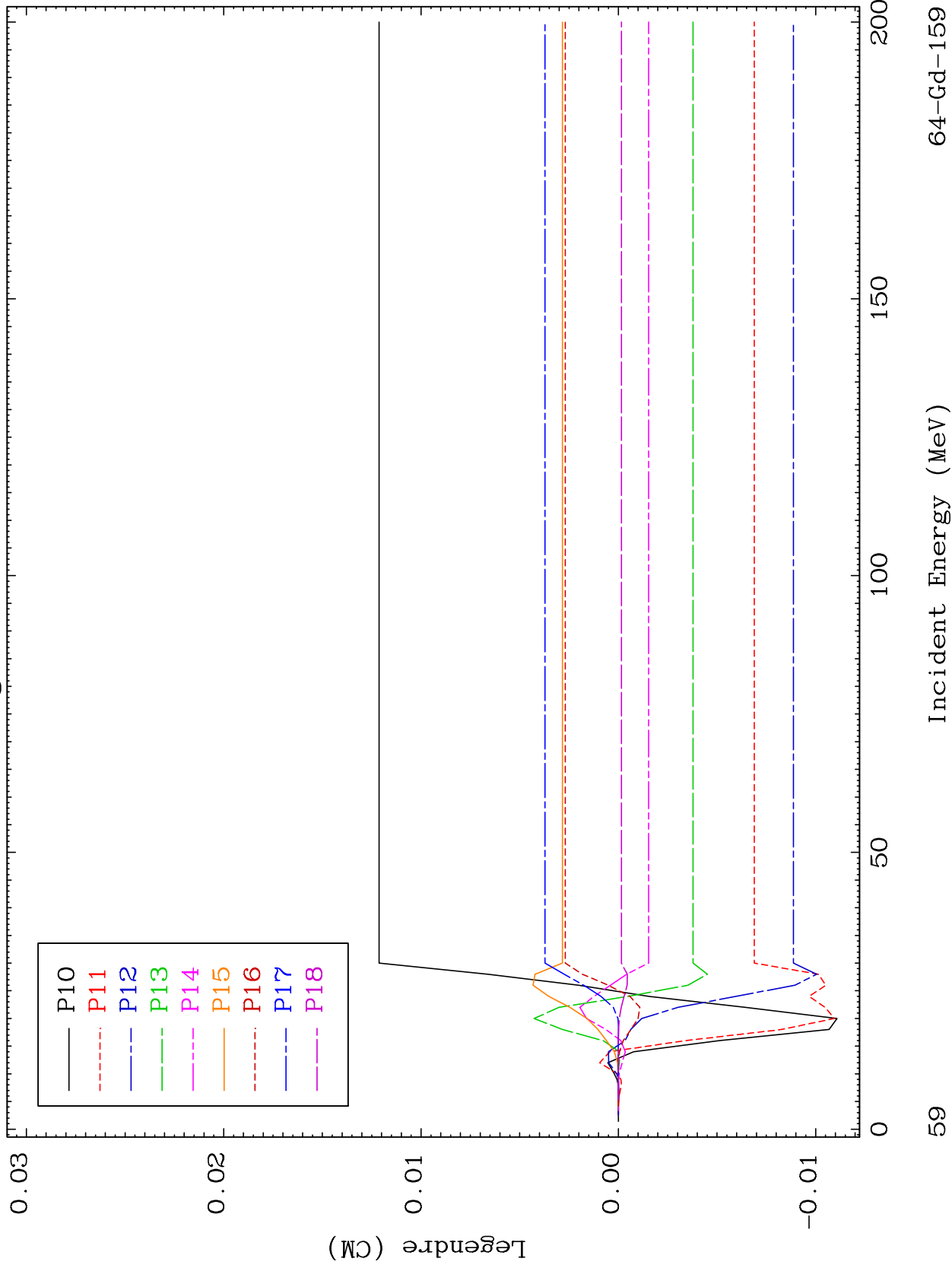
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

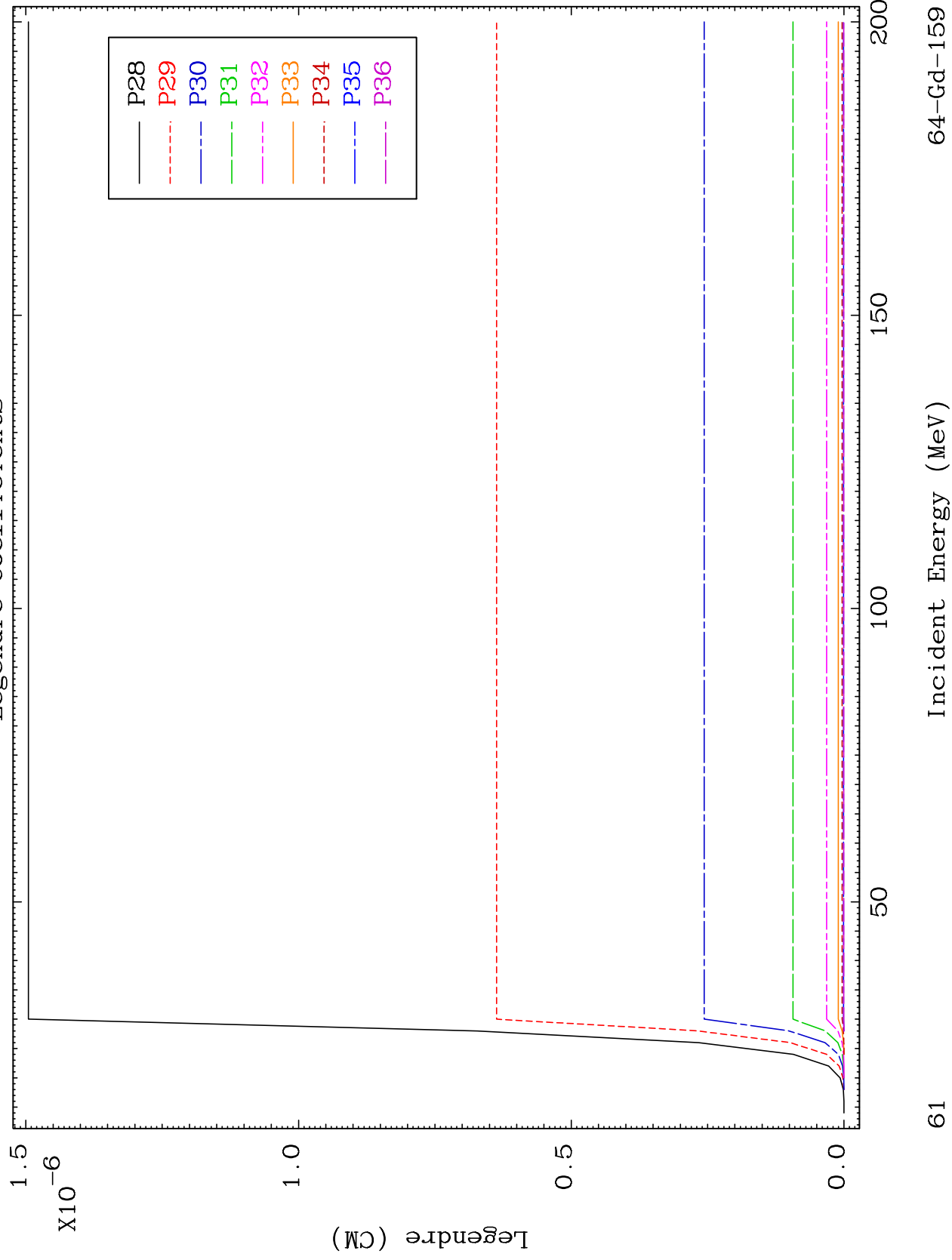
Incident Energy (MeV)

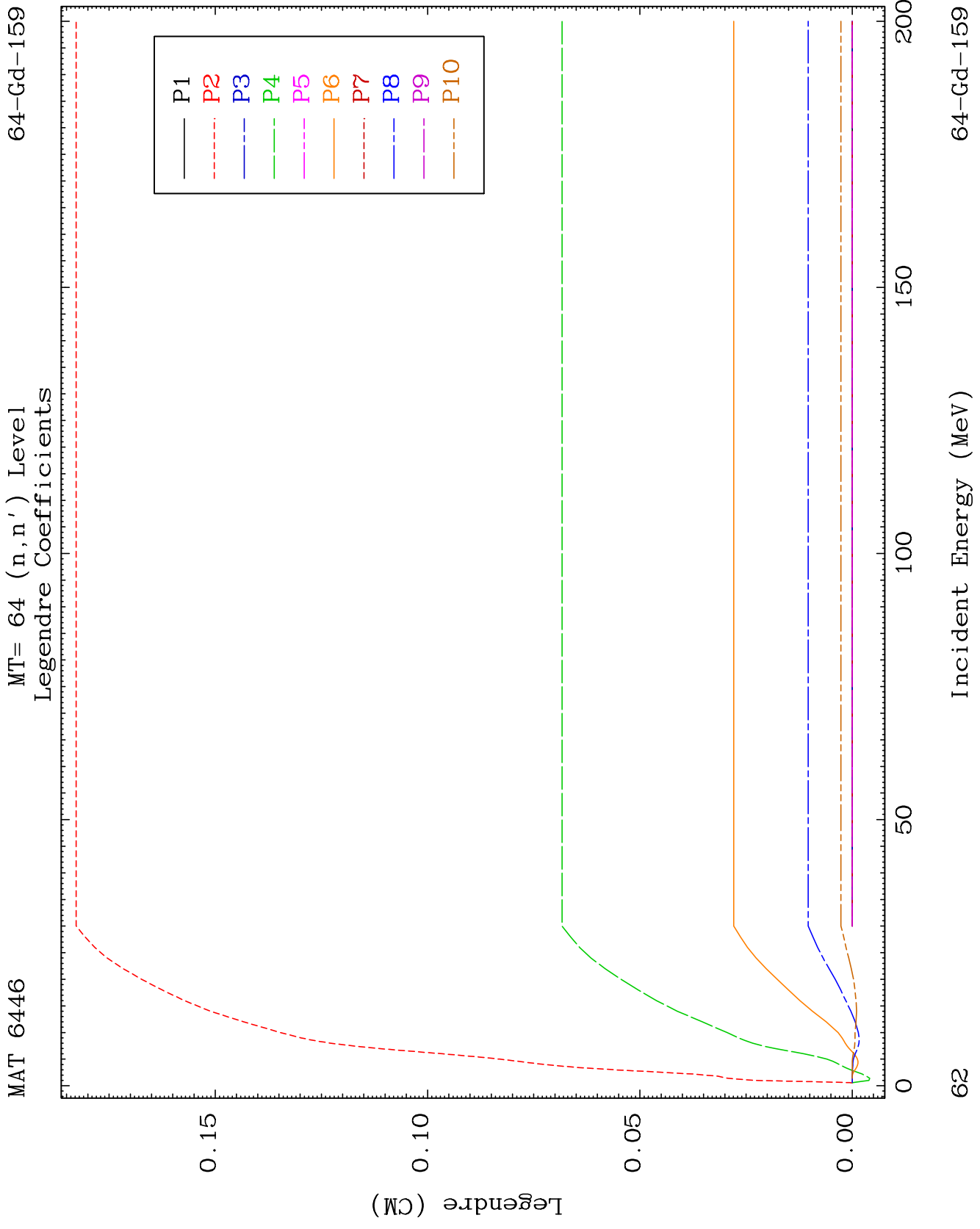
59

MAT 6446

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

64-Gd-159

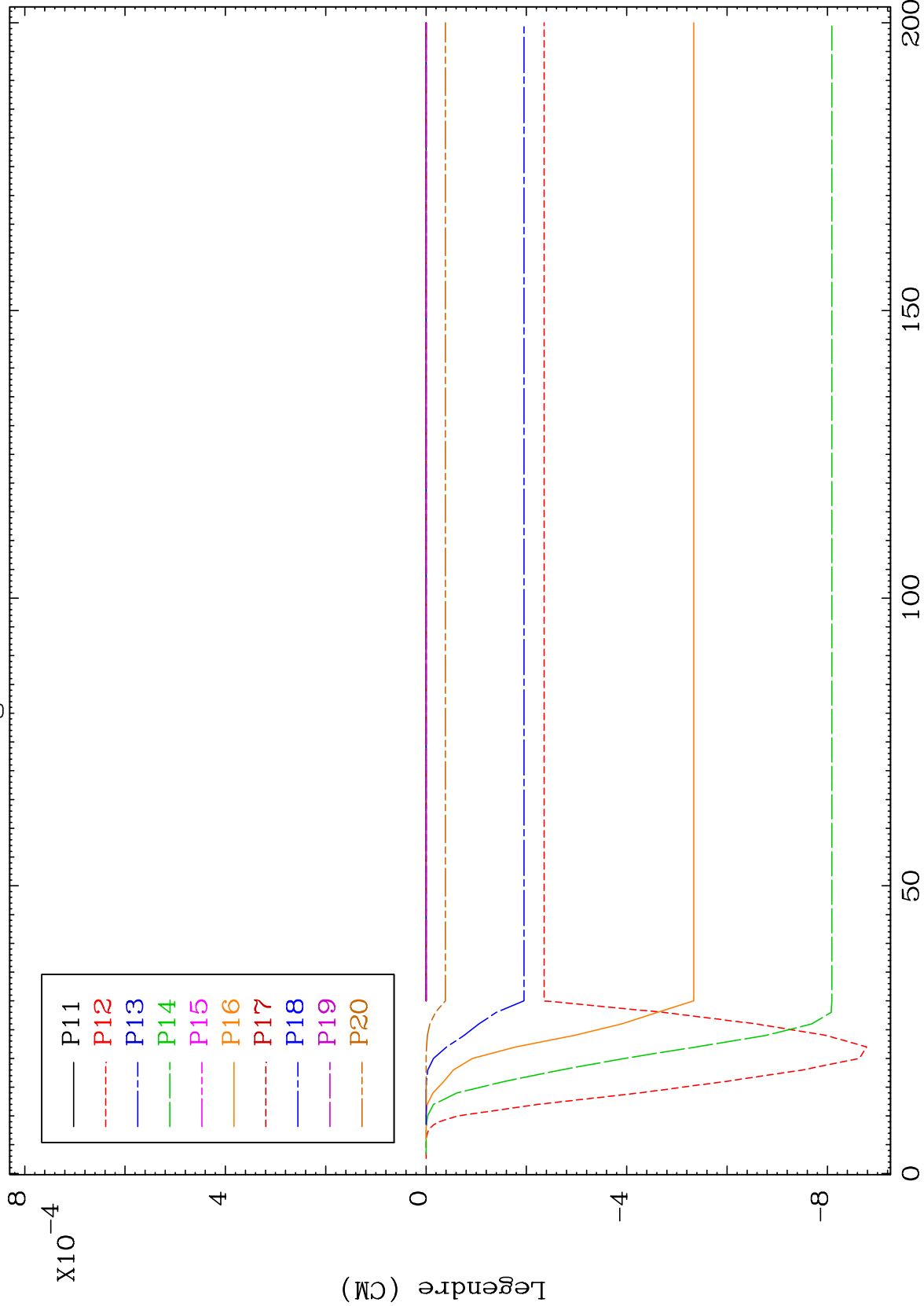




MAT 6446

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

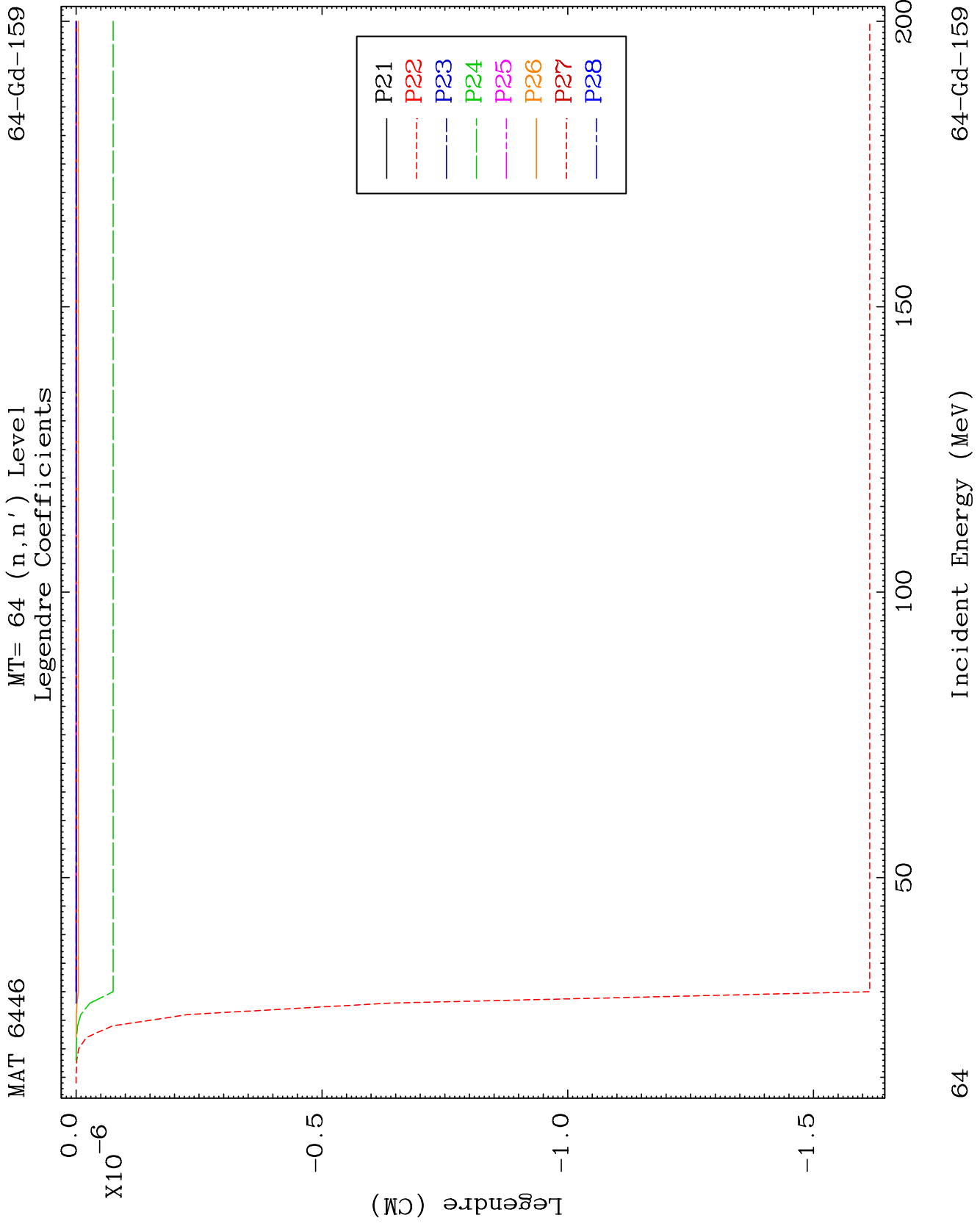
64-Gd-159



63

Incident Energy (MeV)

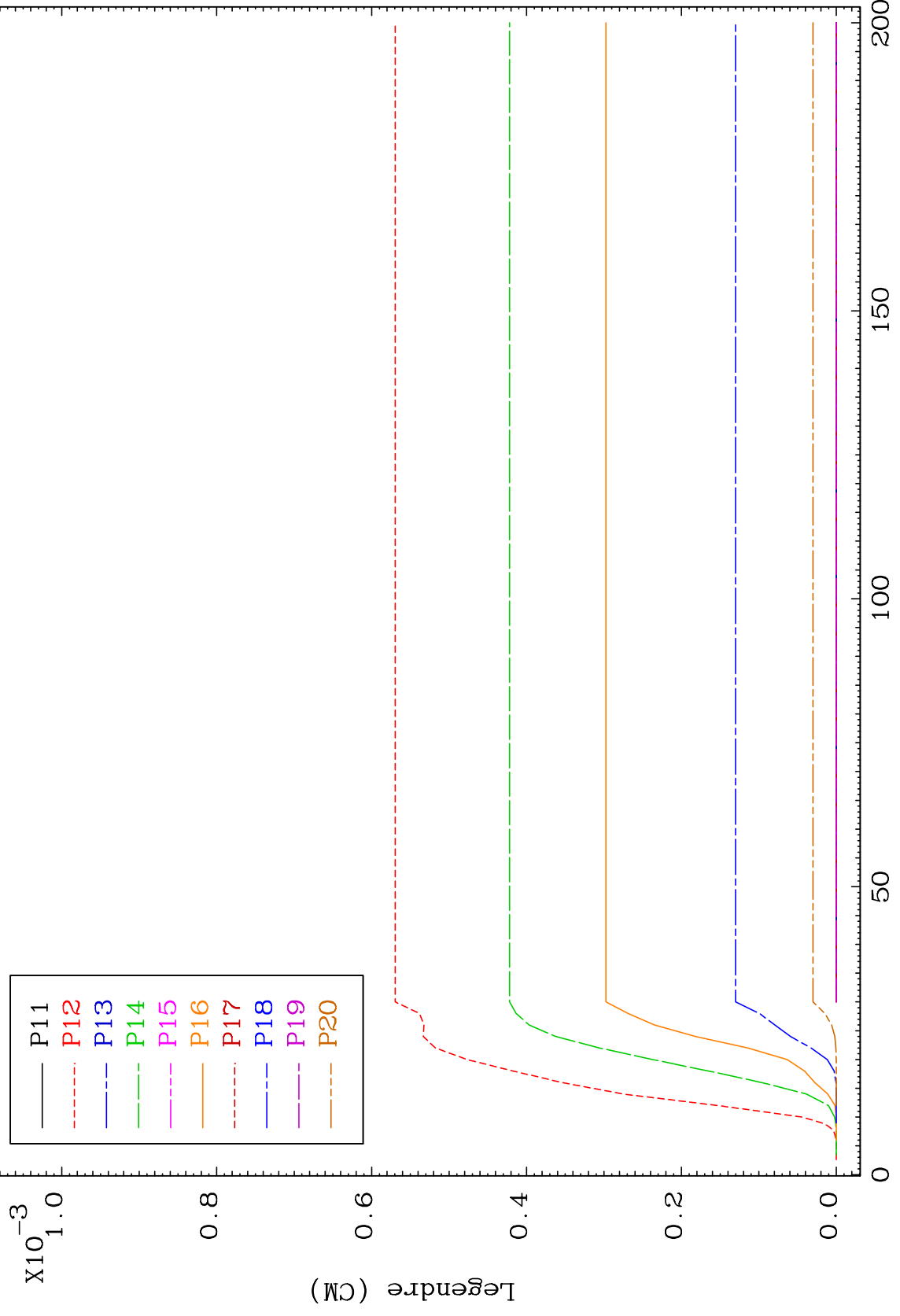
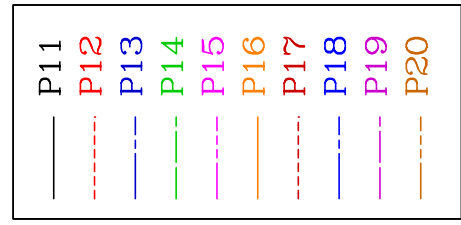
64-Gd-159



MAT 6446

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

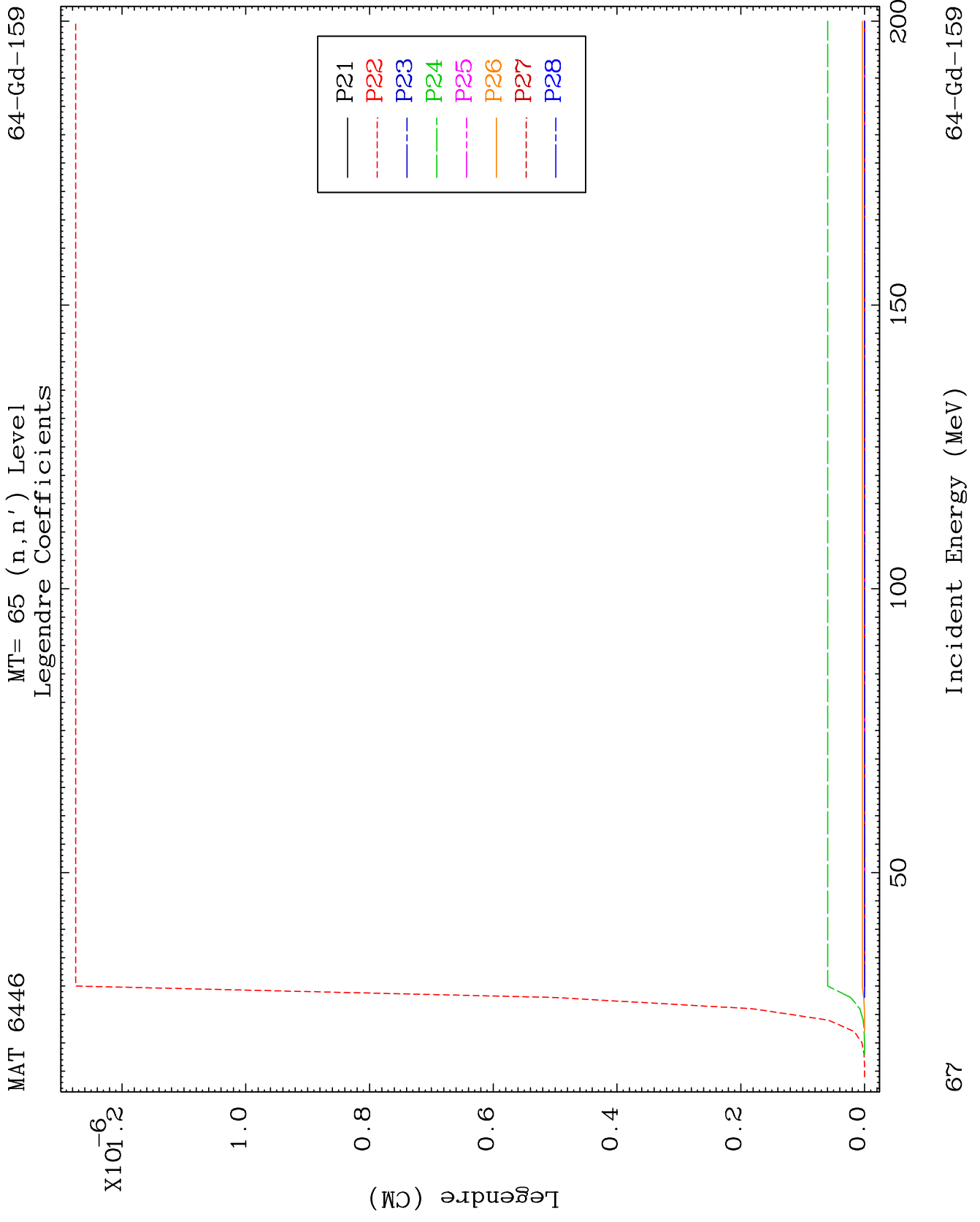
64-Gd-159



66

Incident Energy (MeV)

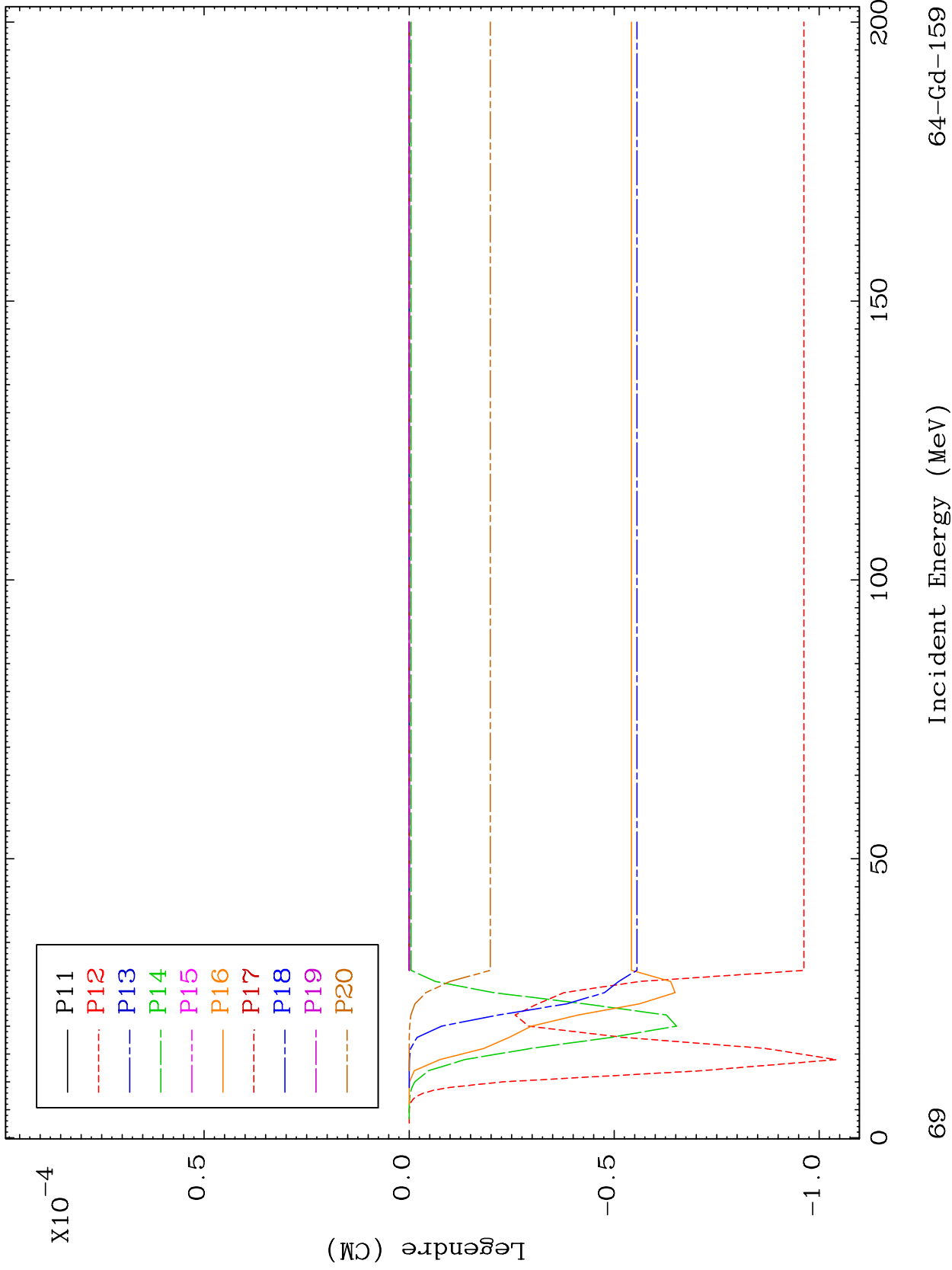
64-Gd-159

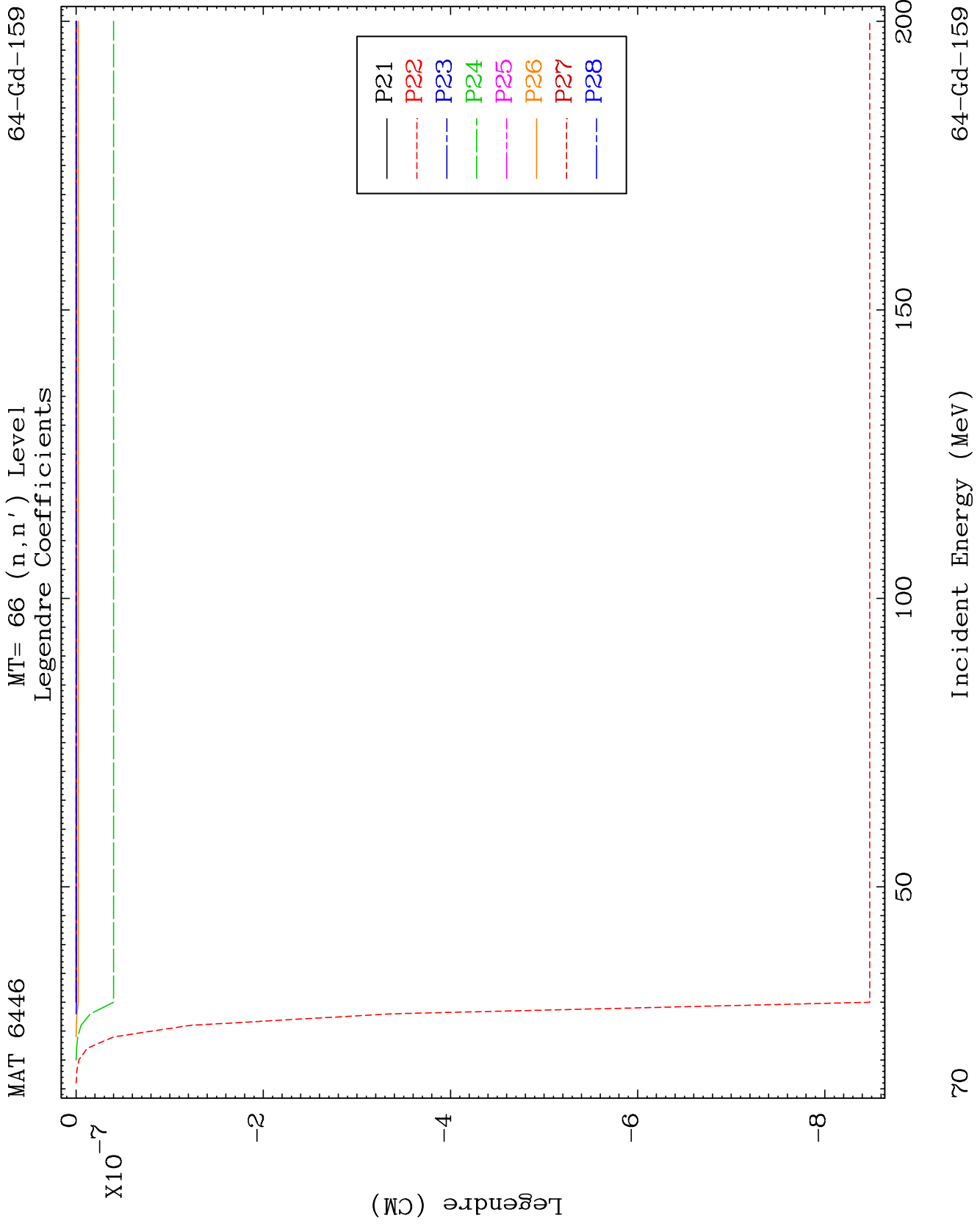


MAT 6446

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

64-Gd-159

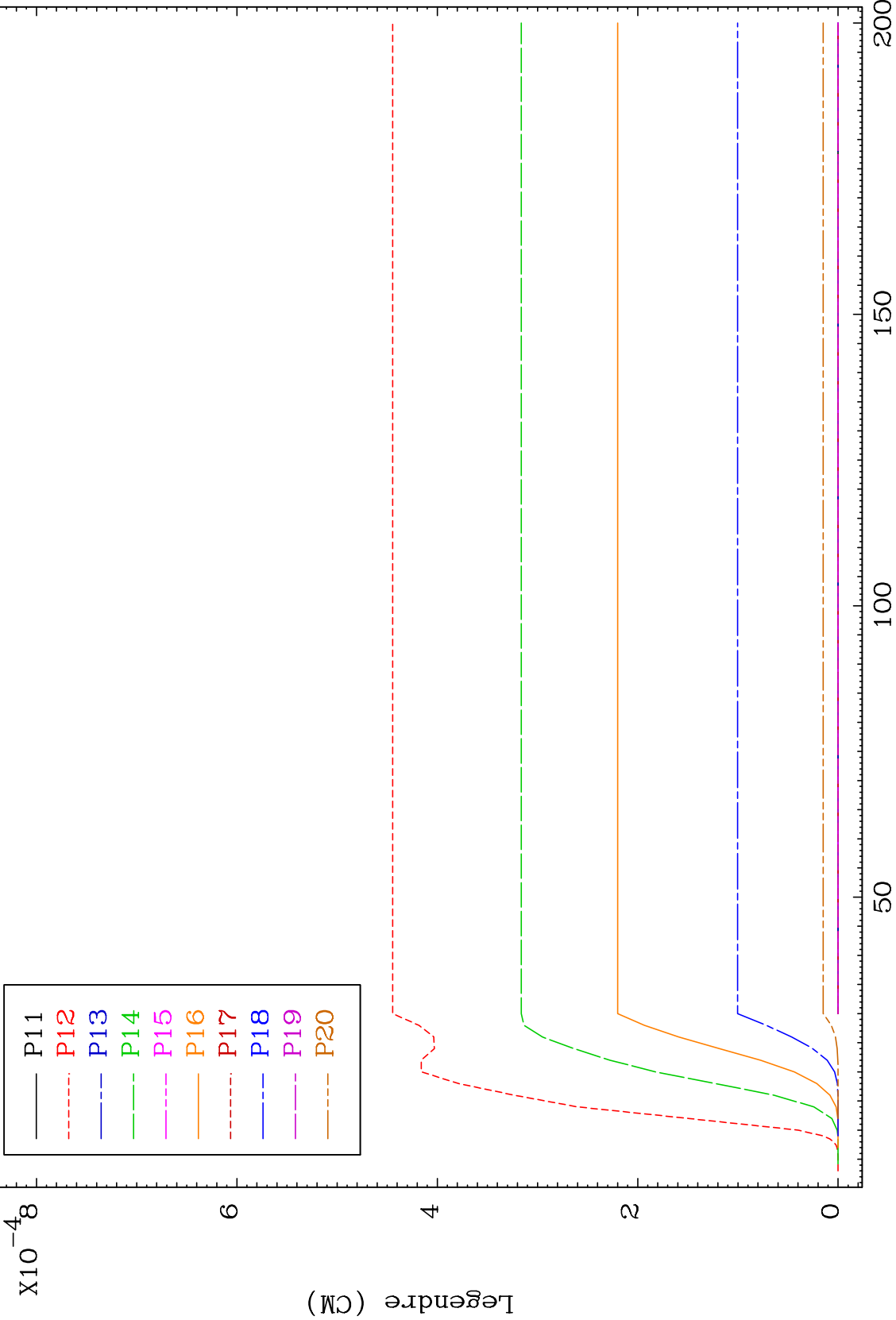
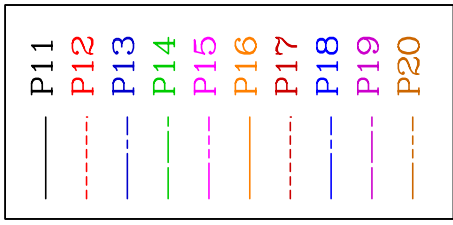




MAT 6446

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

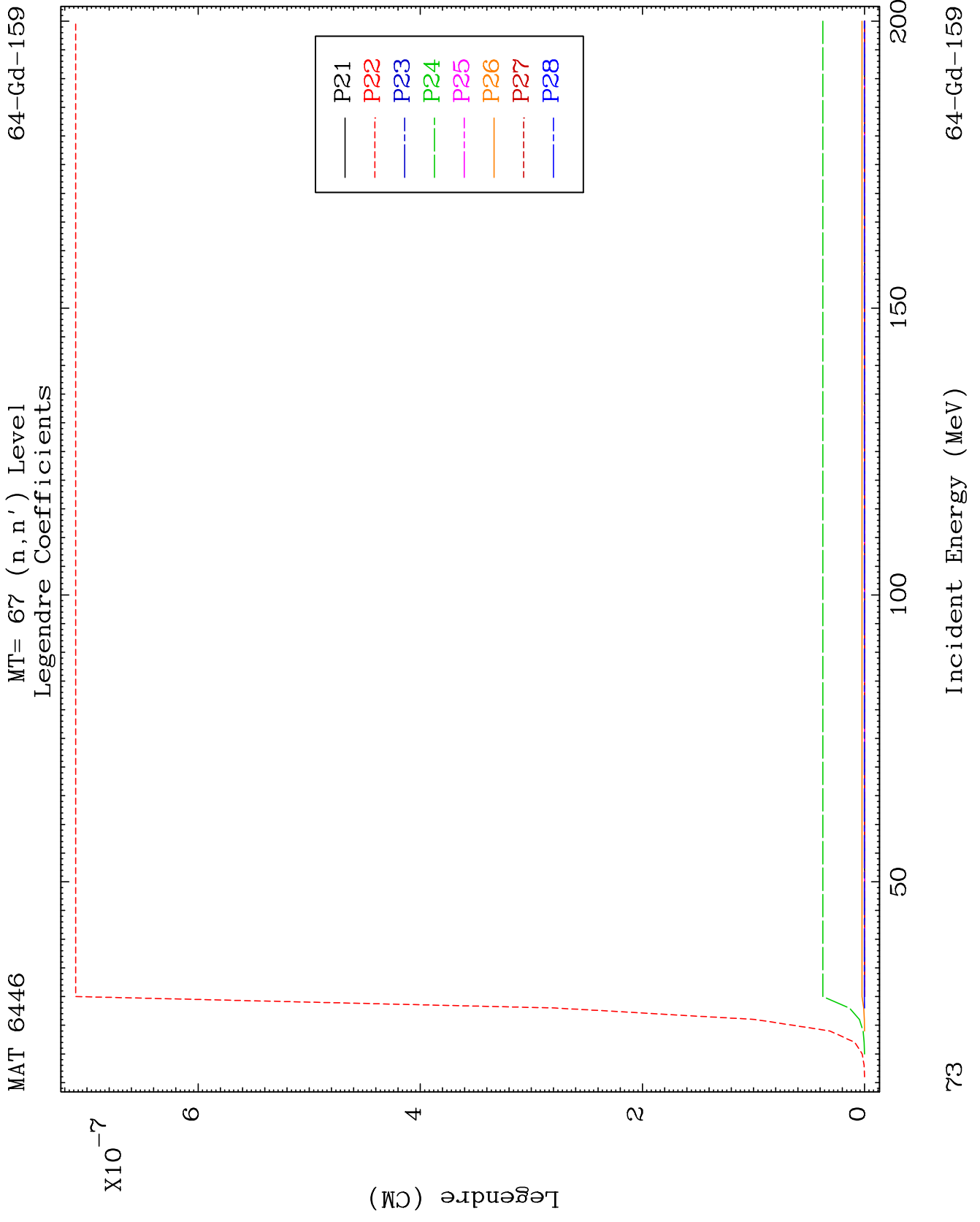
64-Gd-159

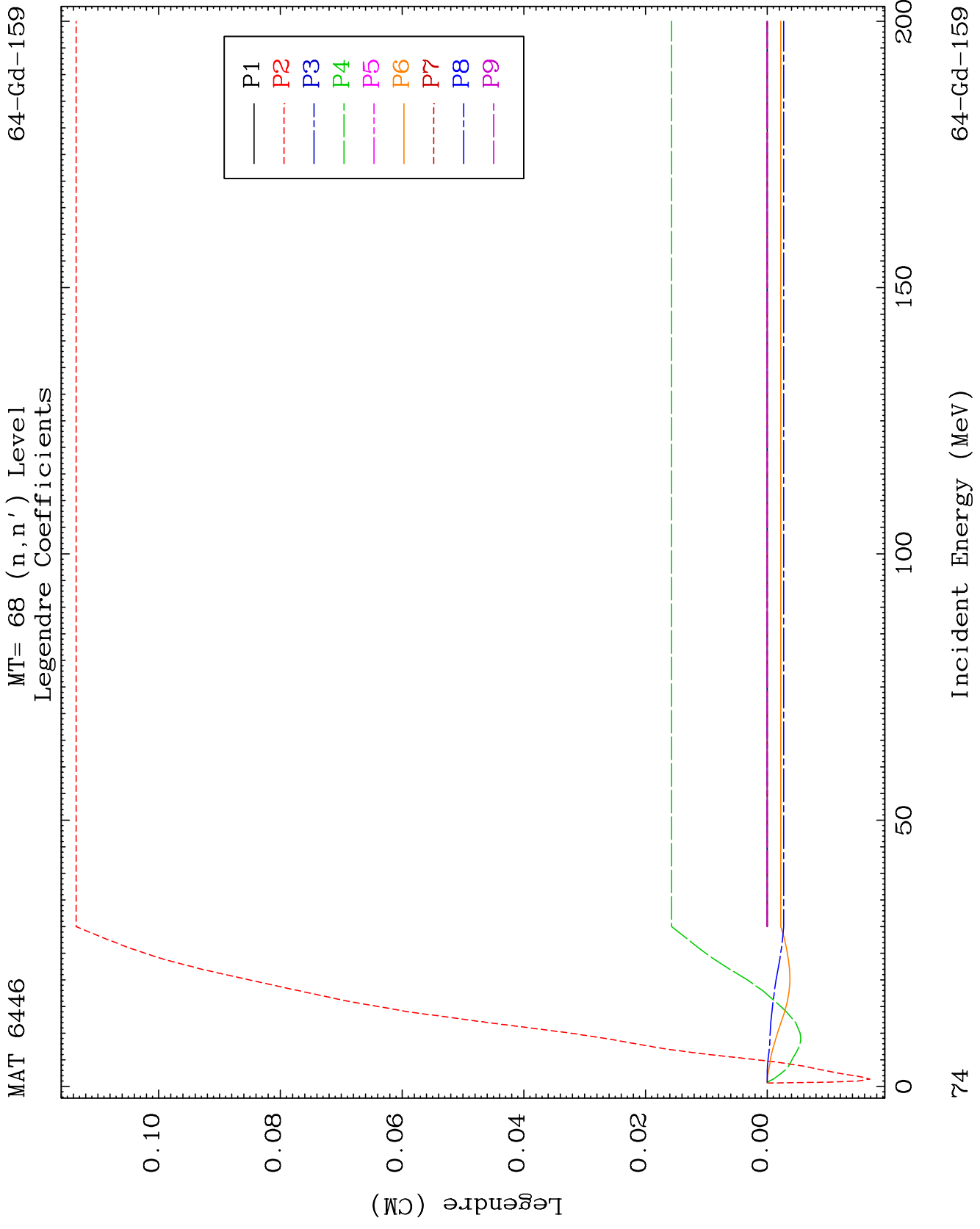


72

Incident Energy (MeV)

64-Gd-159

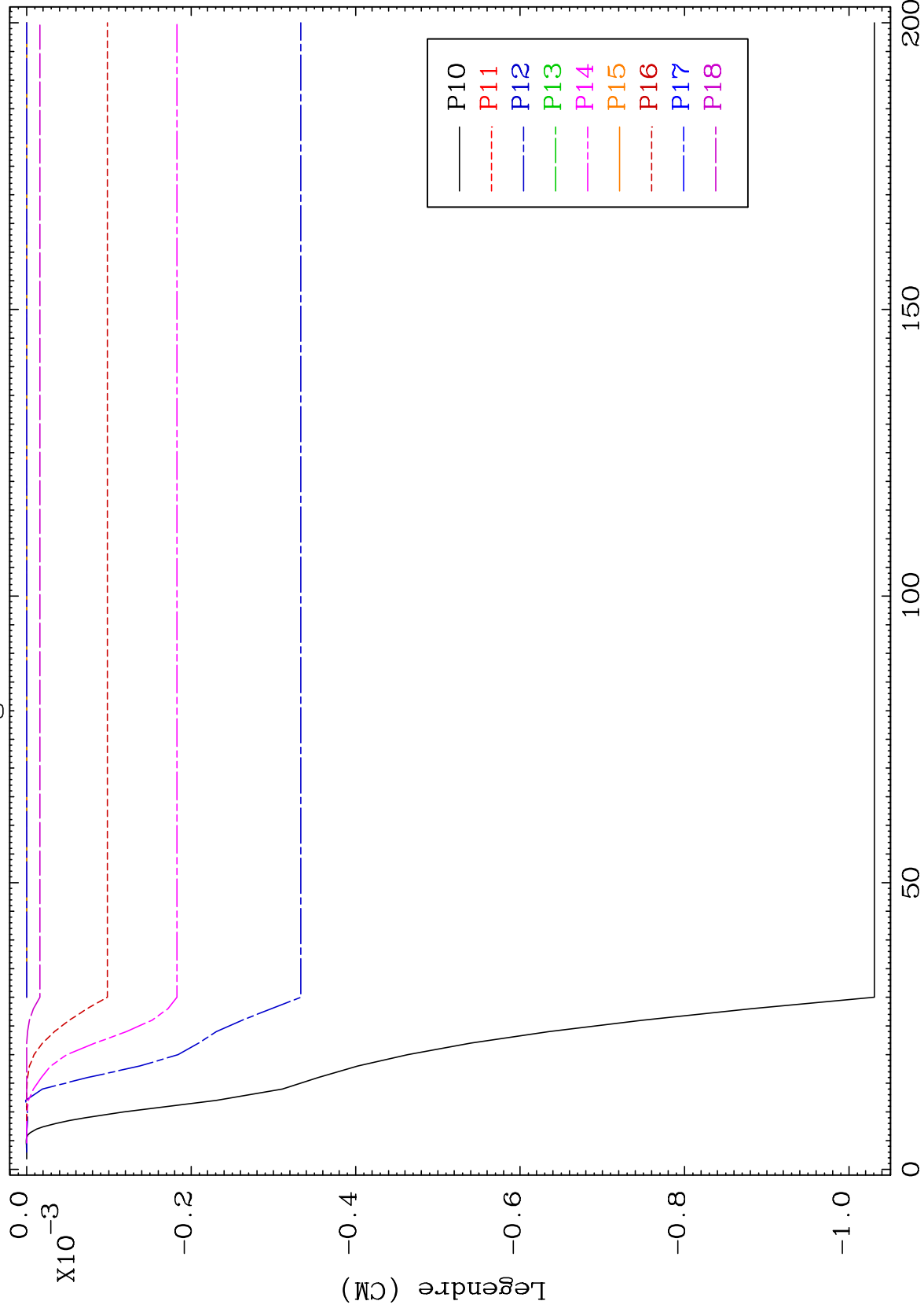




MAT 6446

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

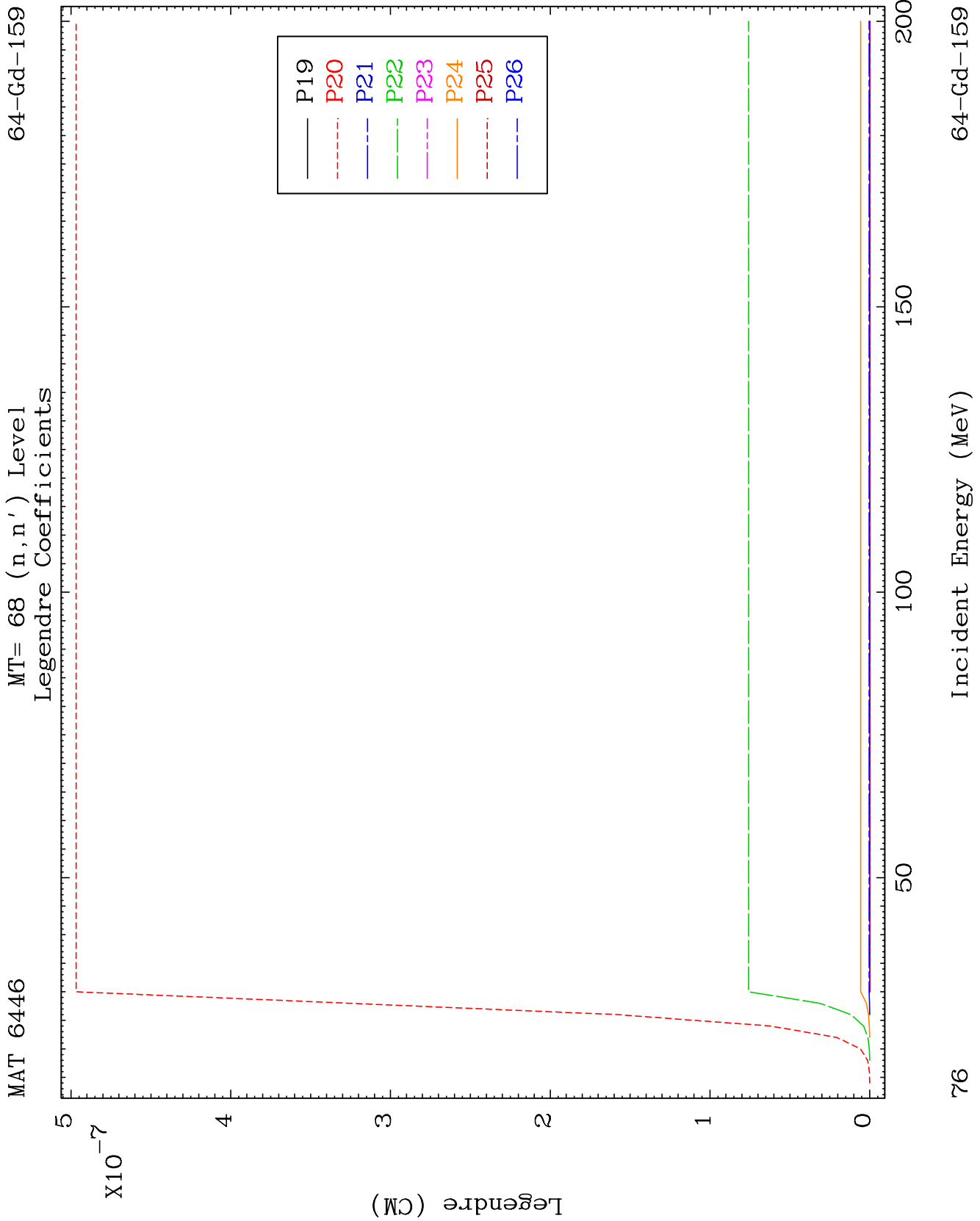
64-Gd-159



75

Incident Energy (MeV)

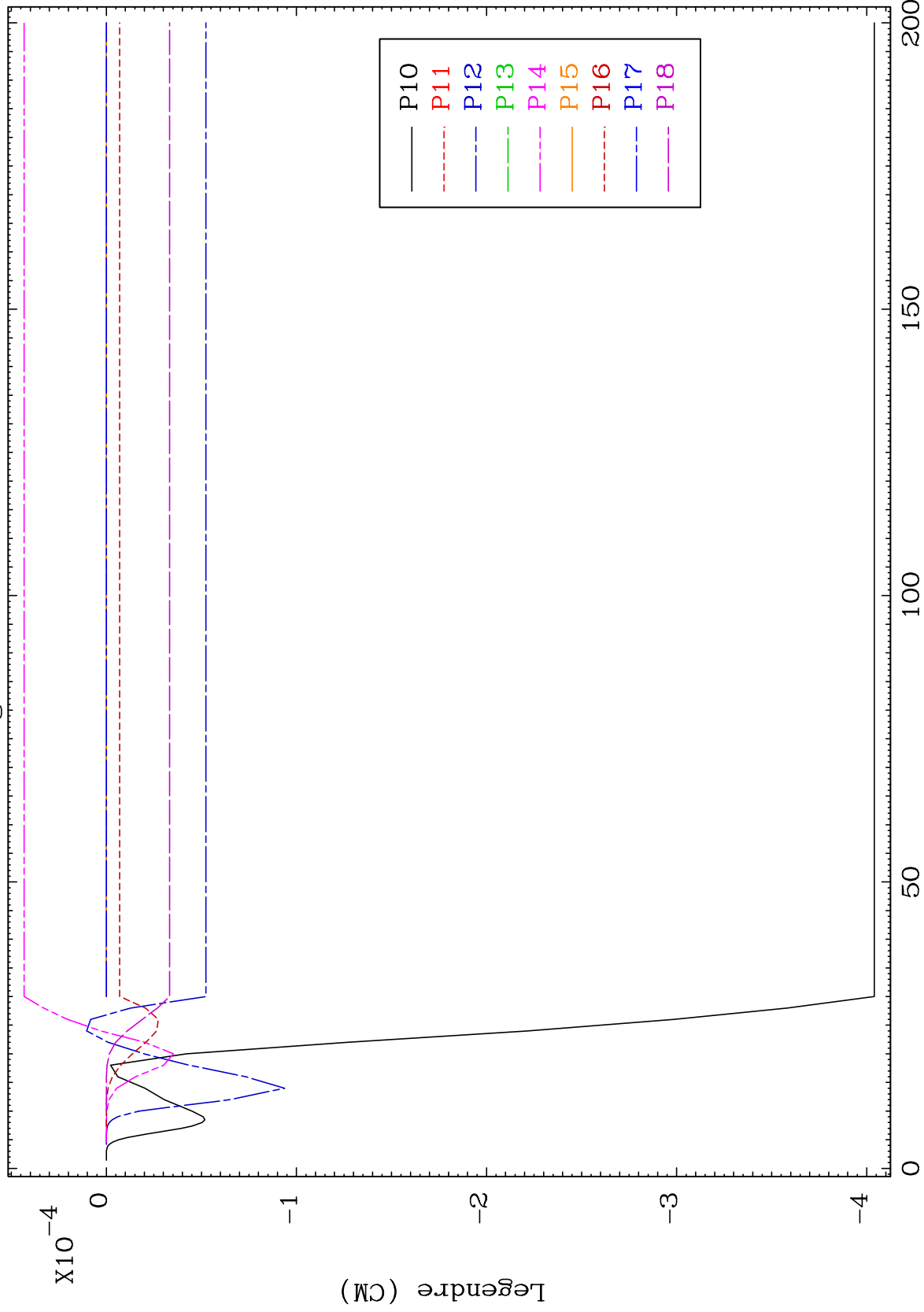
64-Gd-159



MAT 6446

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

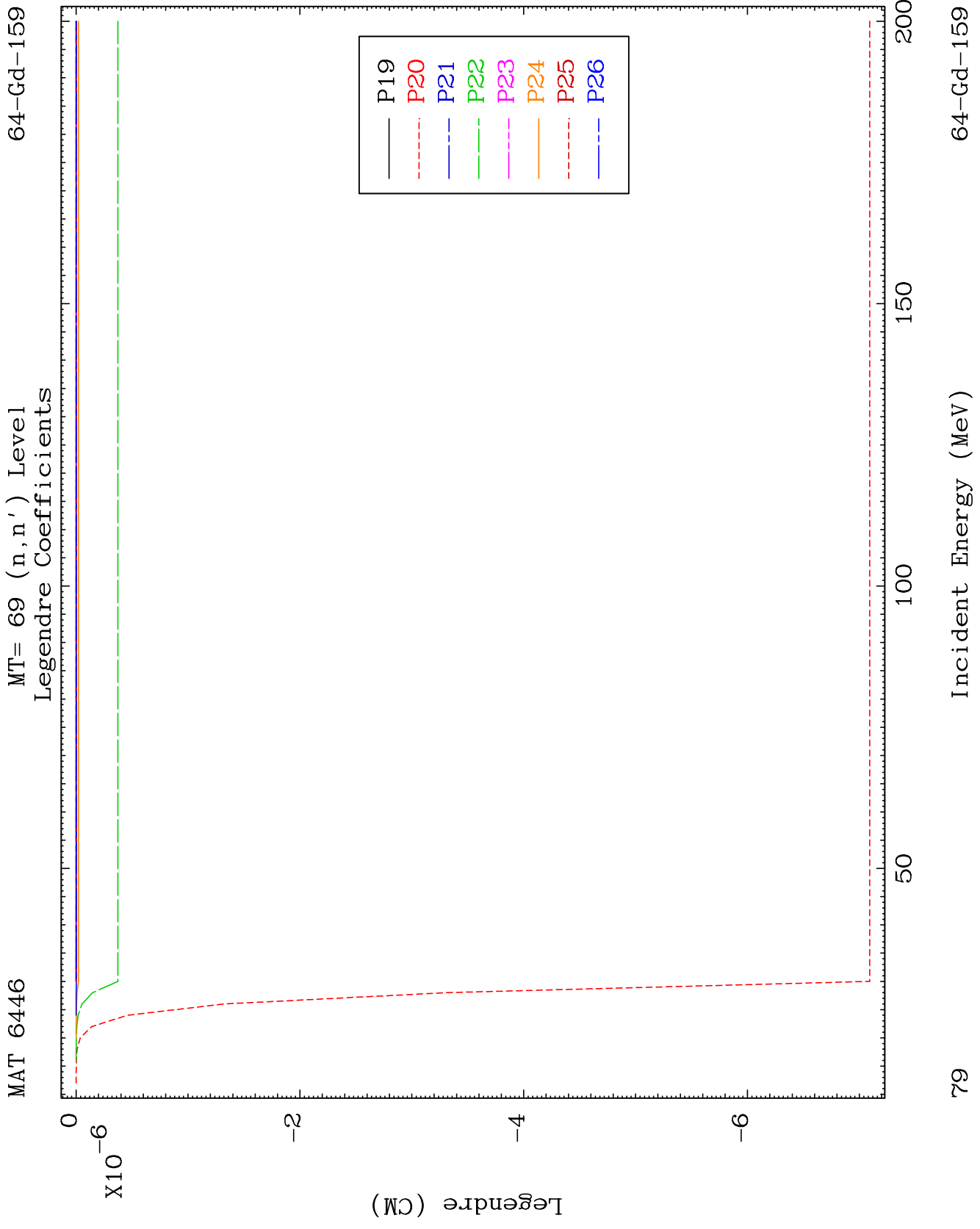
64-Gd-159



78

Incident Energy (MeV)

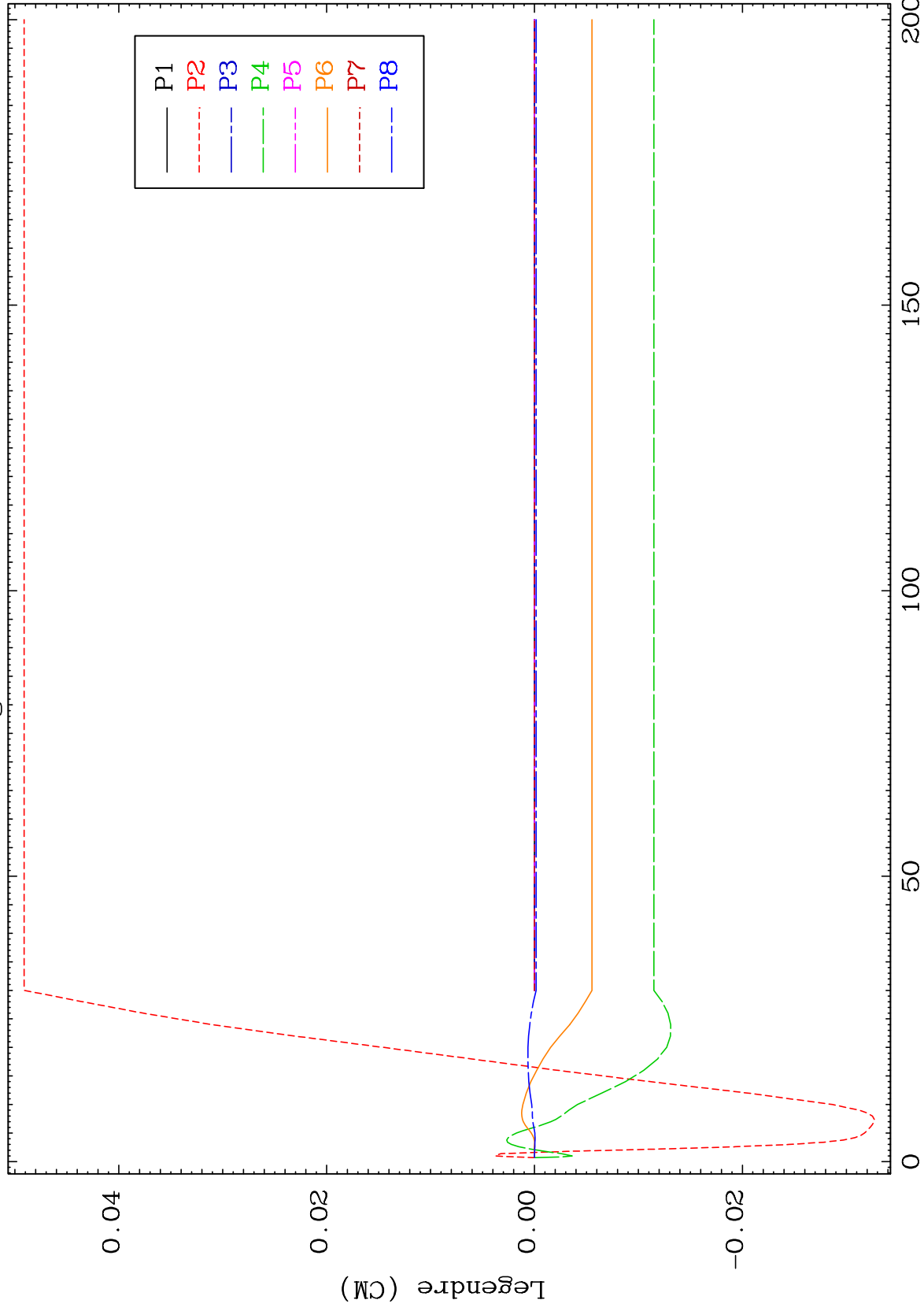
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

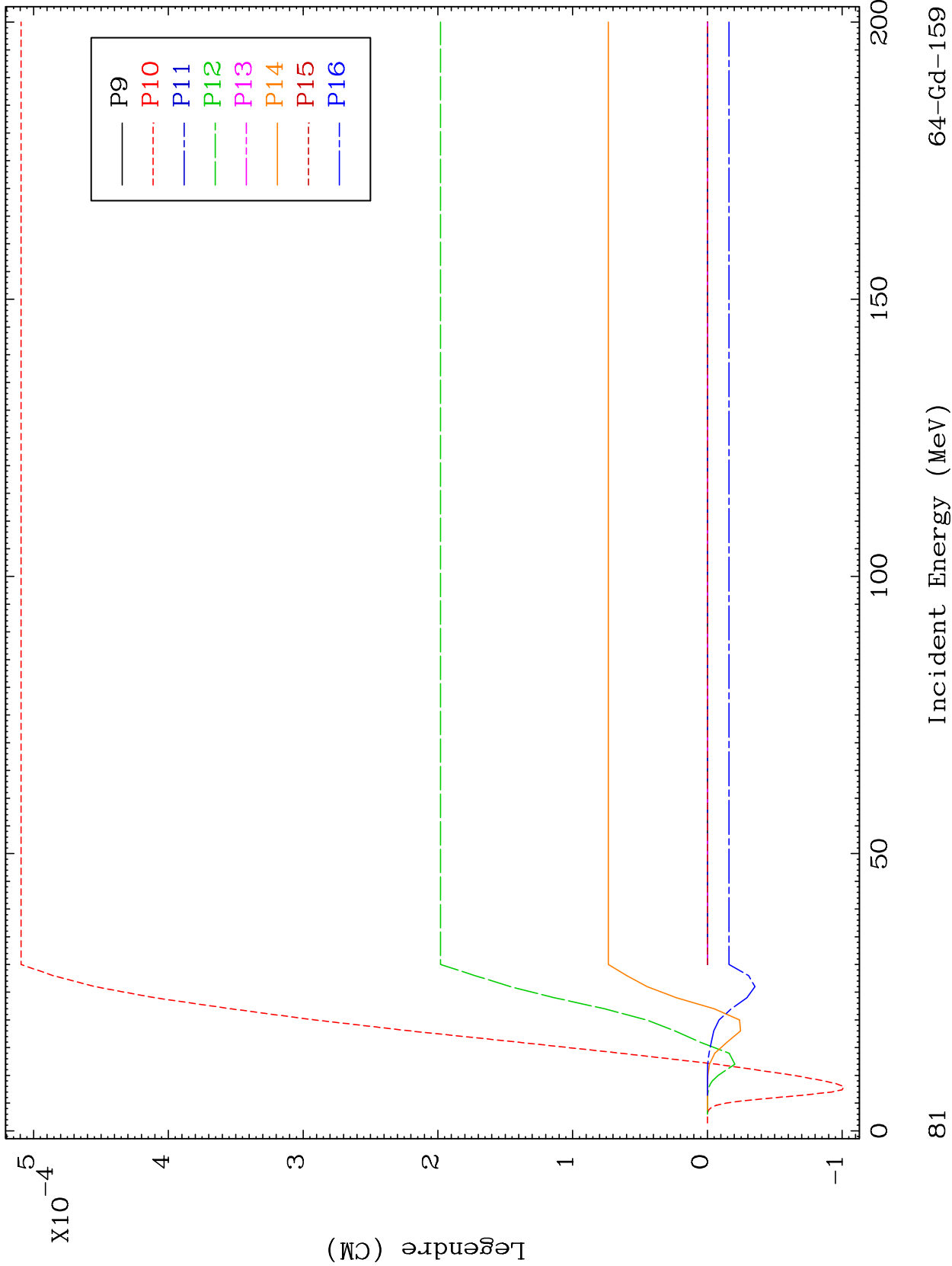
Incident Energy (MeV)

80

MAT 6446

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

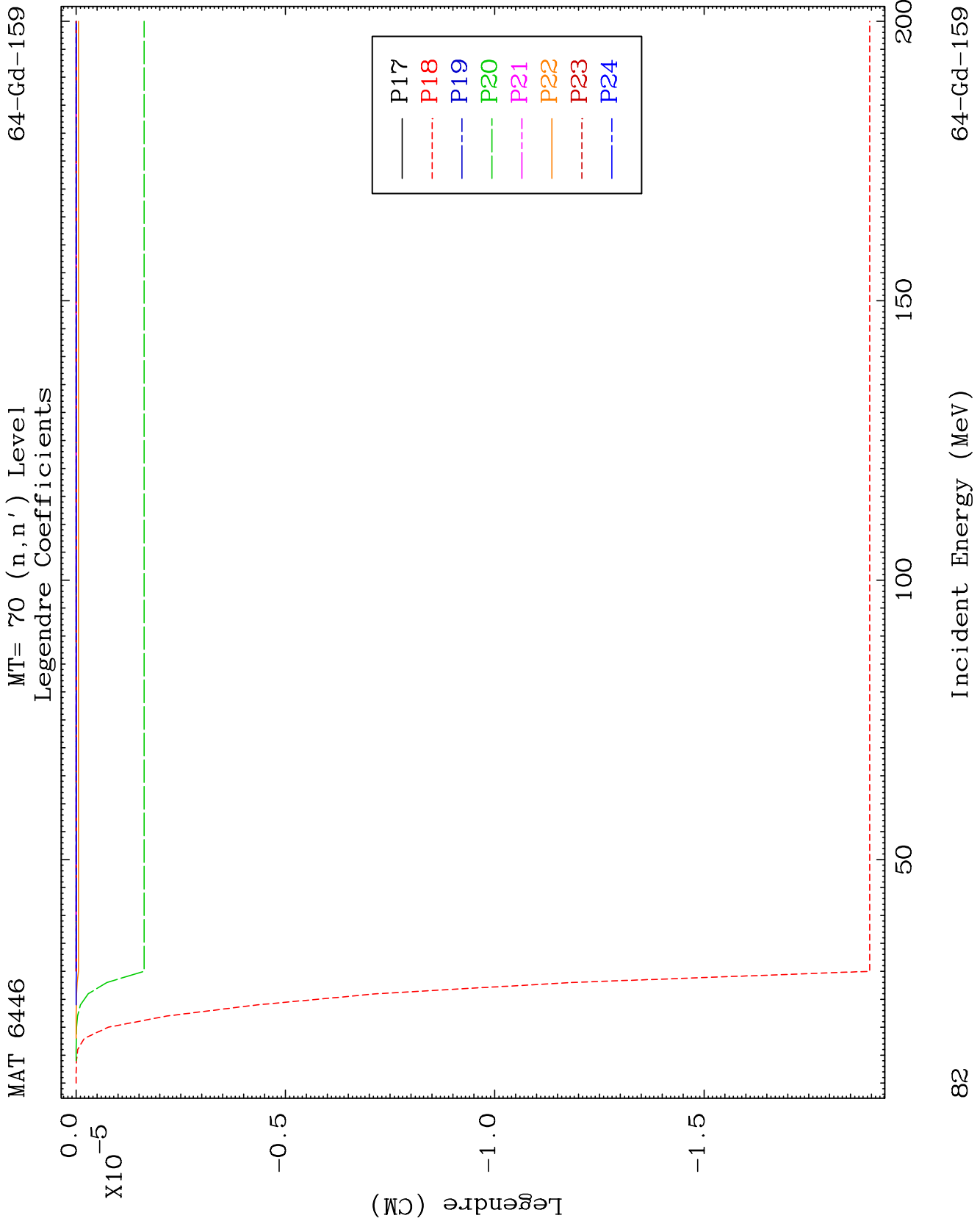
64-Gd-159



81

Incident Energy (MeV)

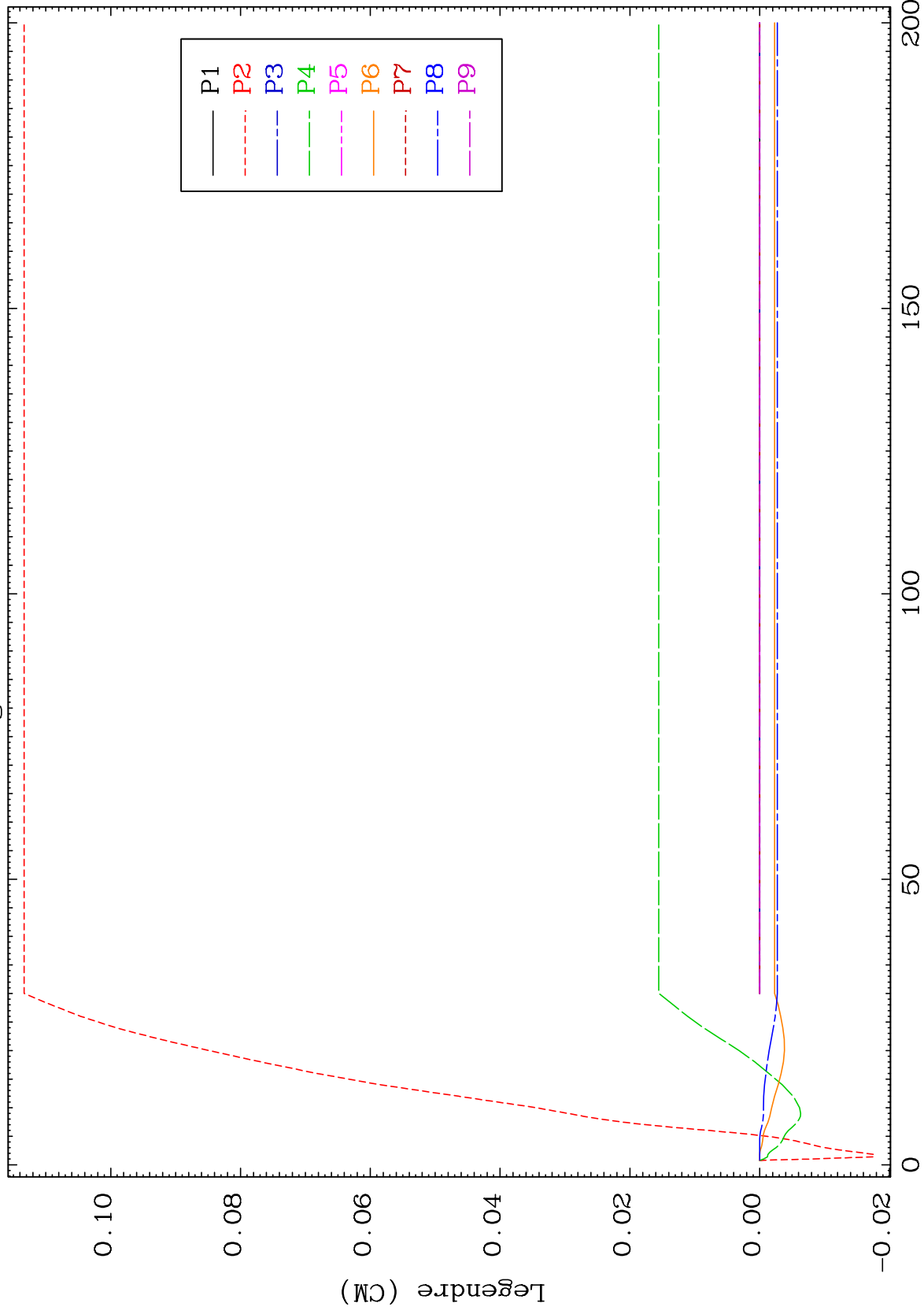
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

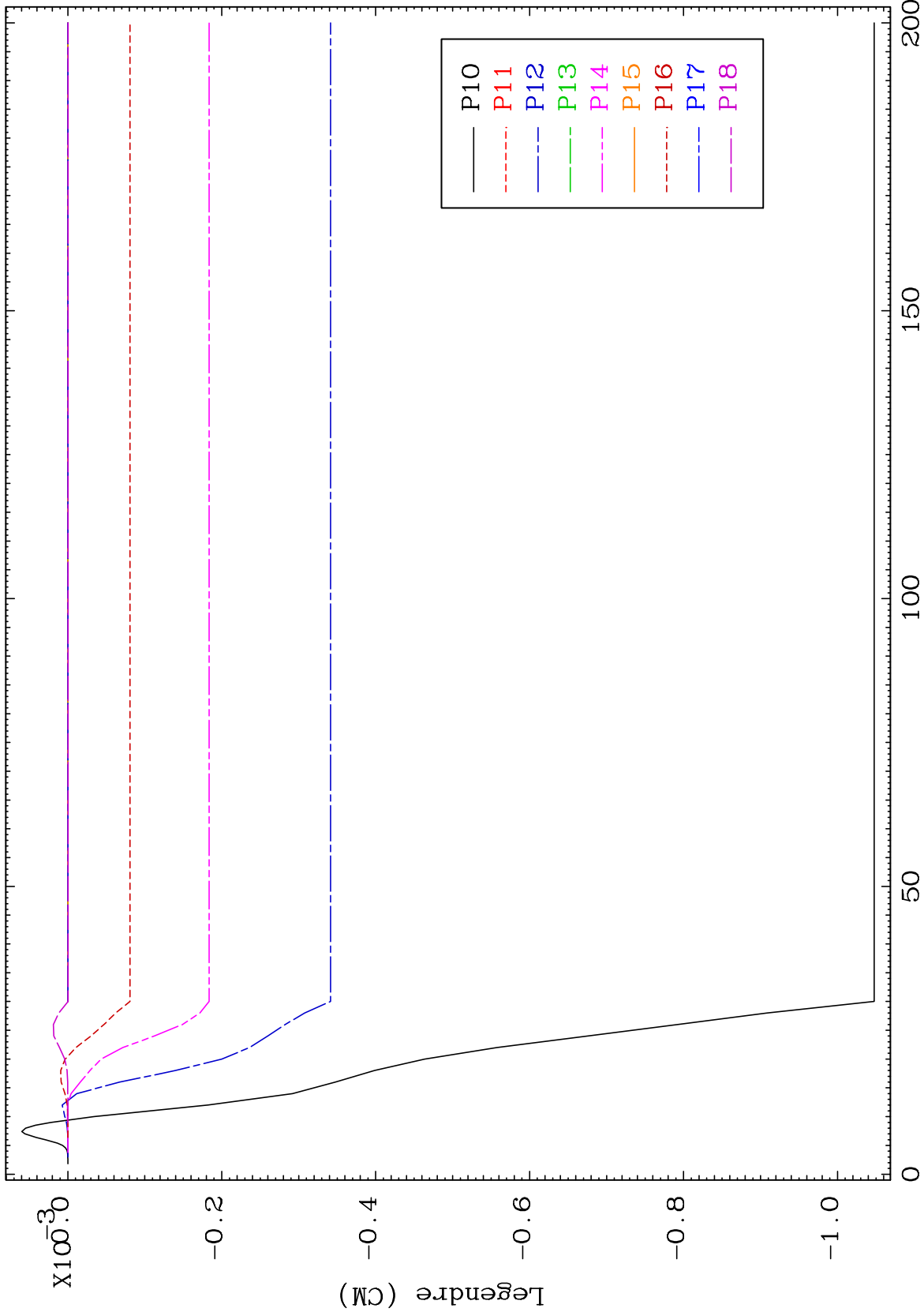
Incident Energy (MeV)

83

MAT 6446

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

64-Gd-159



84

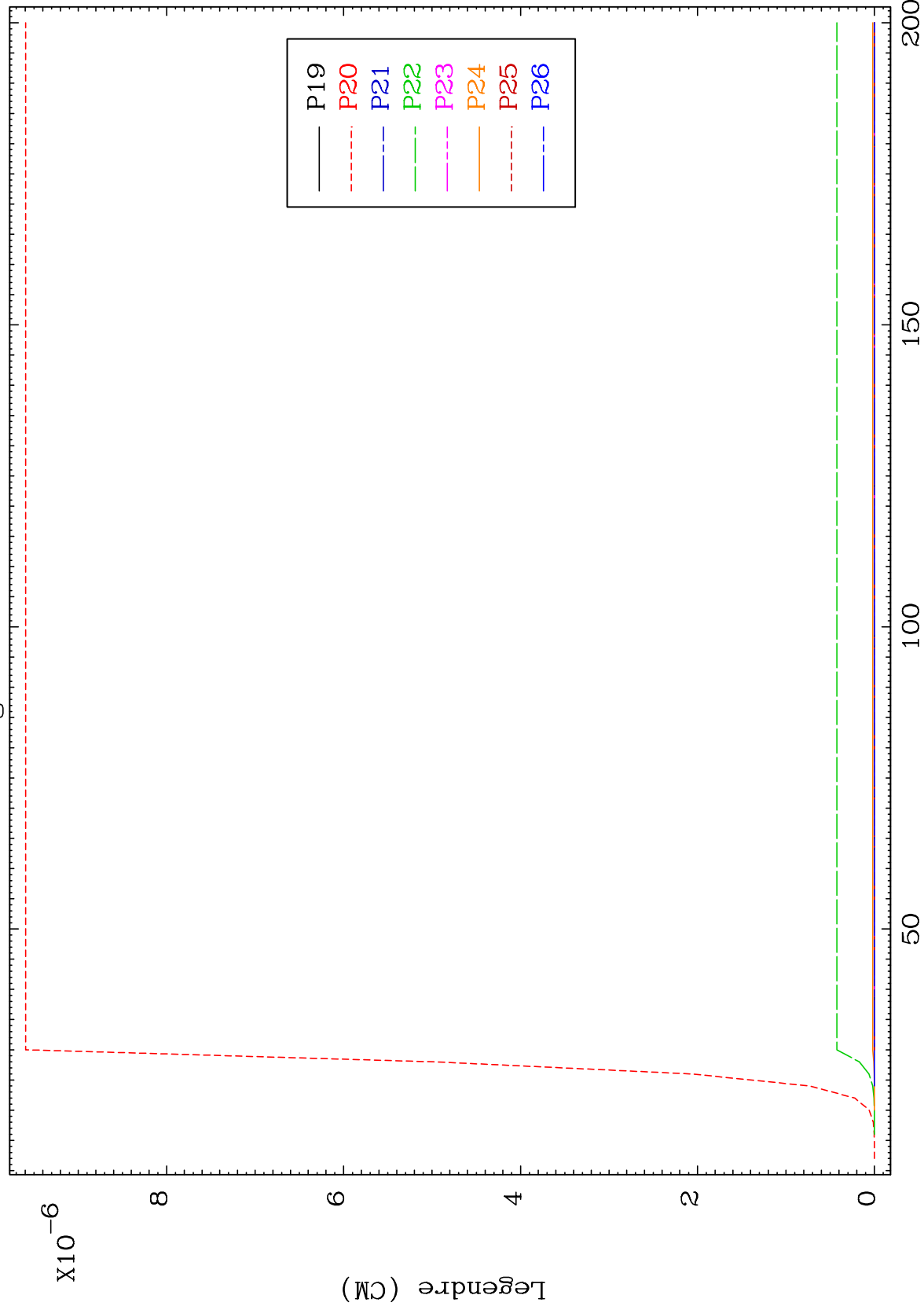
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

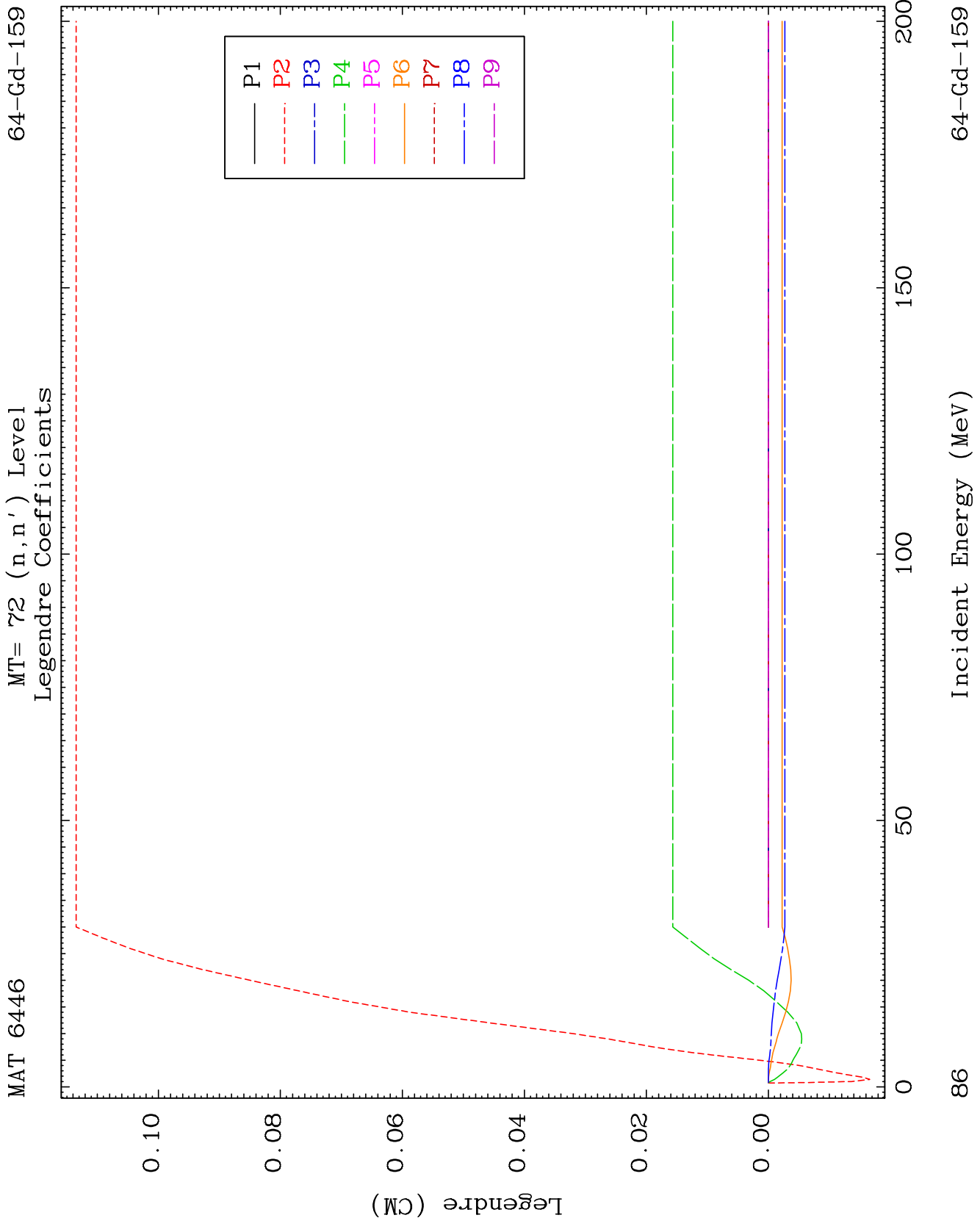
64-Gd-159



64-Gd-159

Incident Energy (MeV)

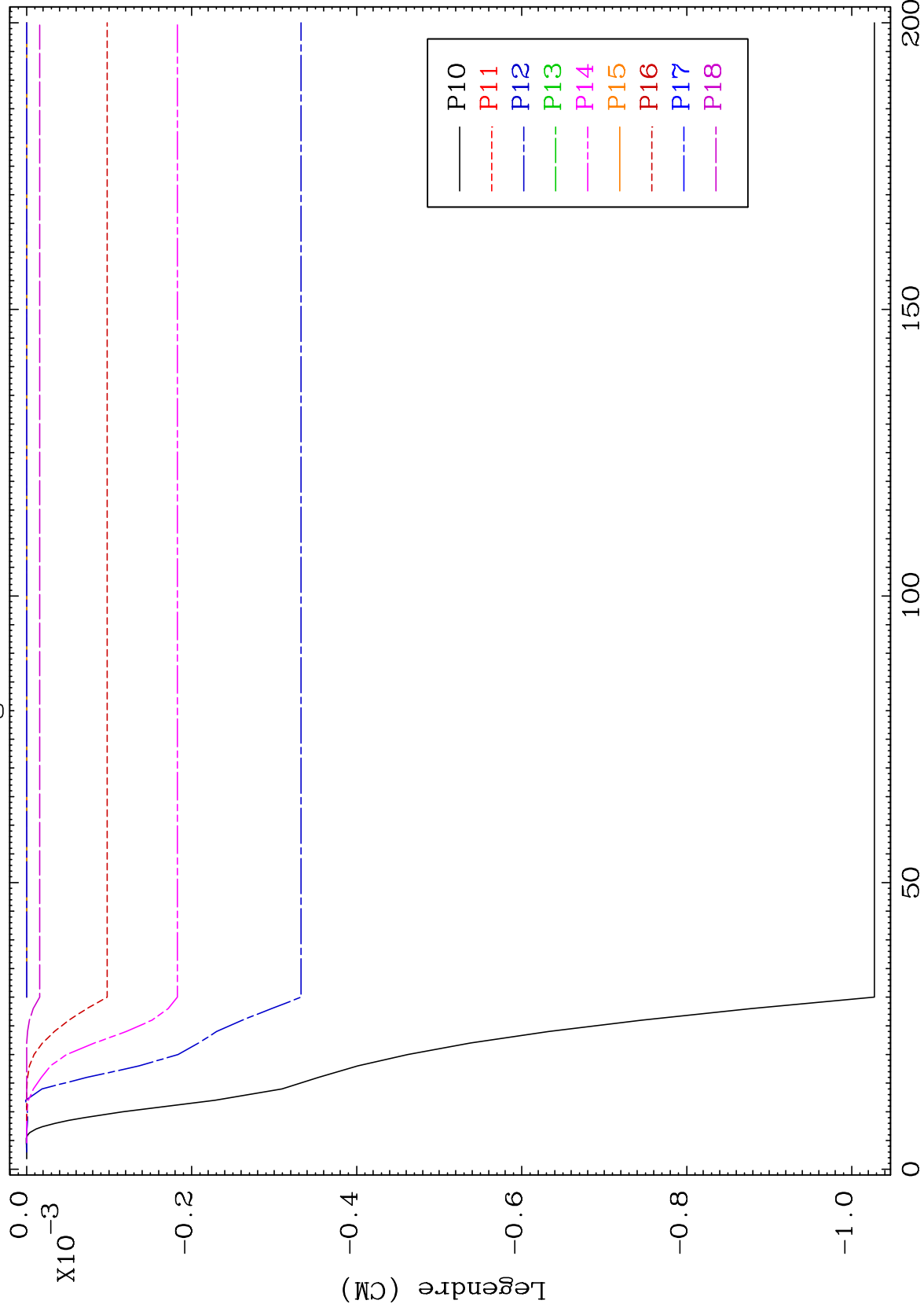
85



MAT 6446

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

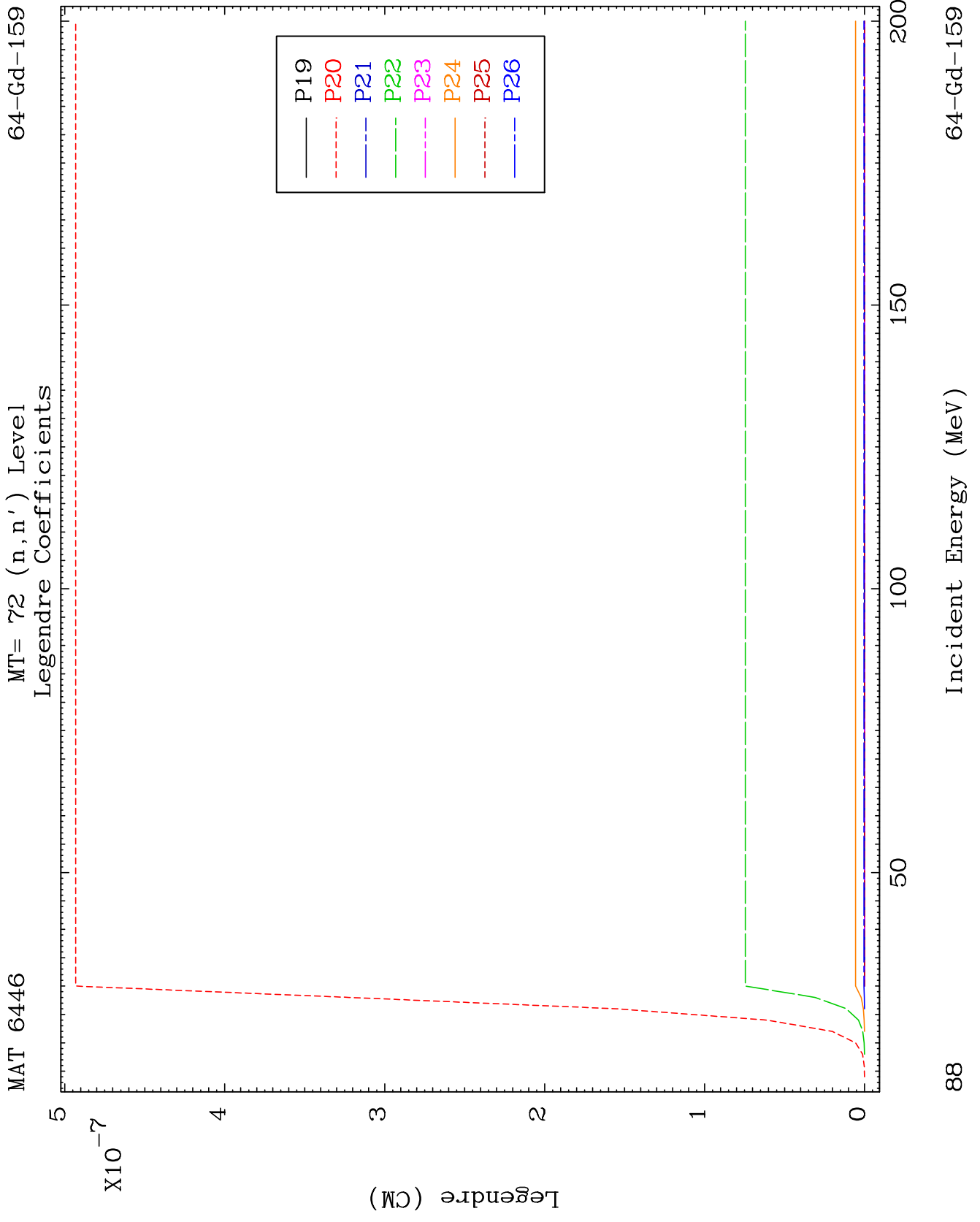
64-Gd-159



87

Incident Energy (MeV)

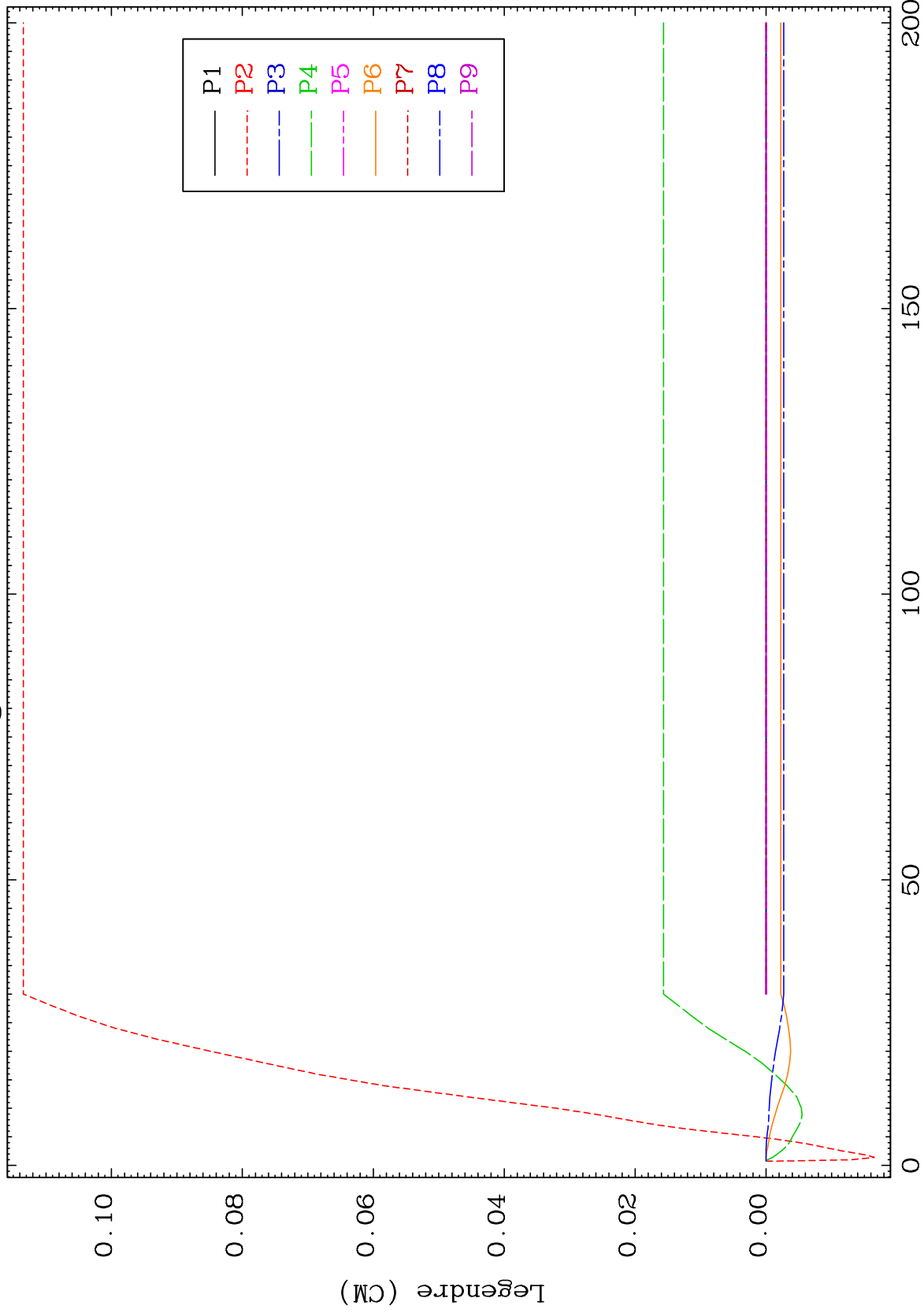
64-Gd-159



MAT 6446

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

64-Gd-159



89

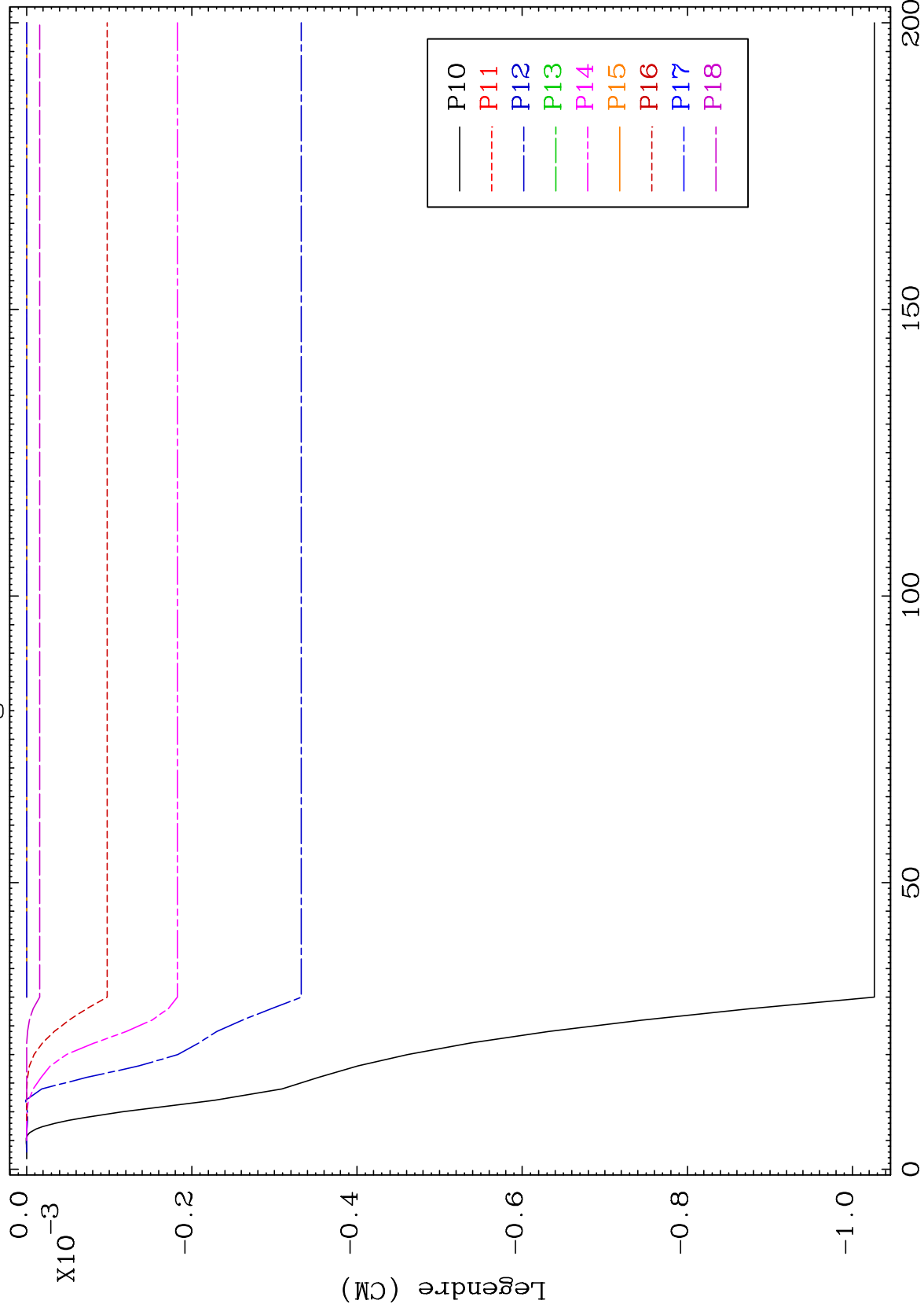
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

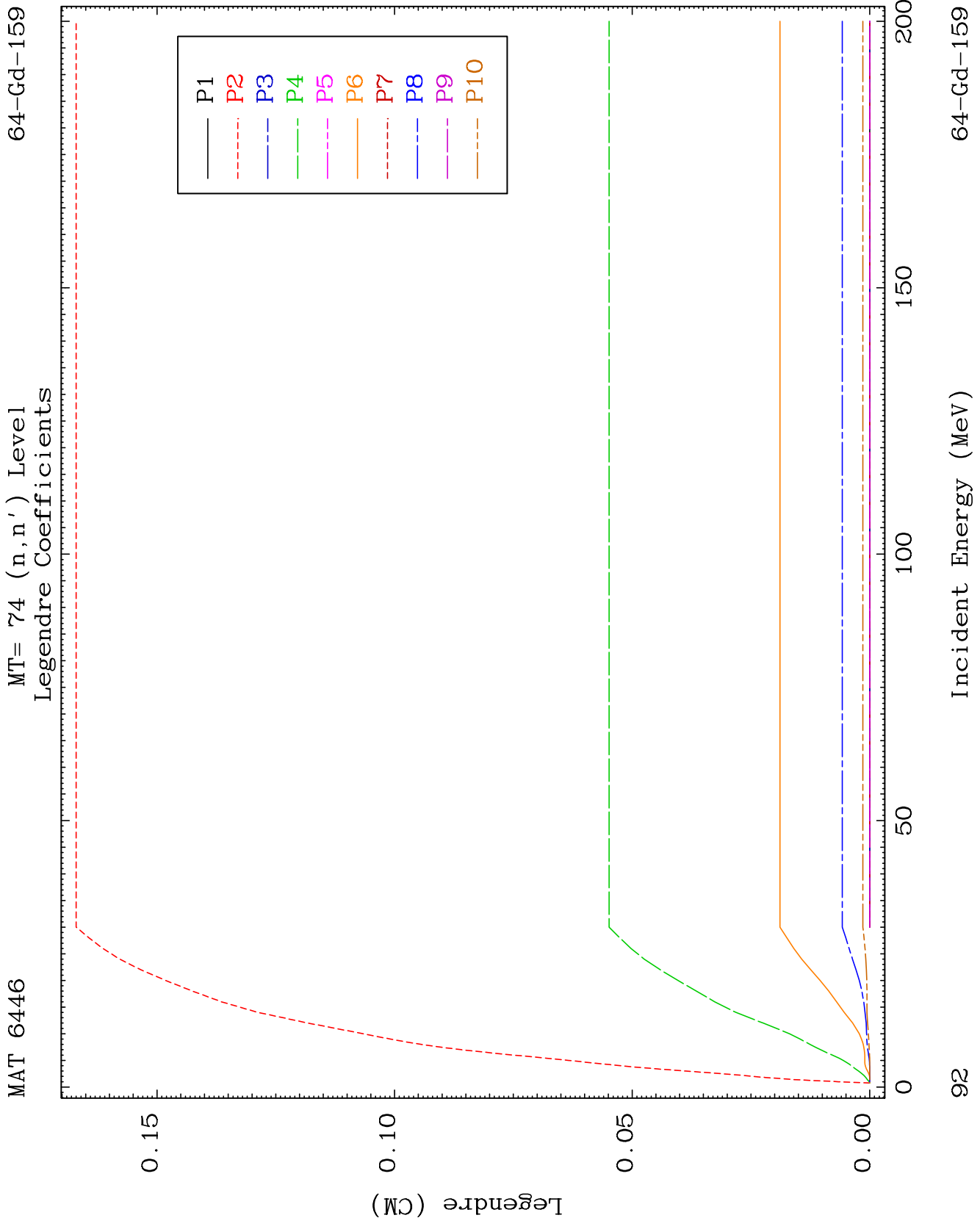
64-Gd-159



90

Incident Energy (MeV)

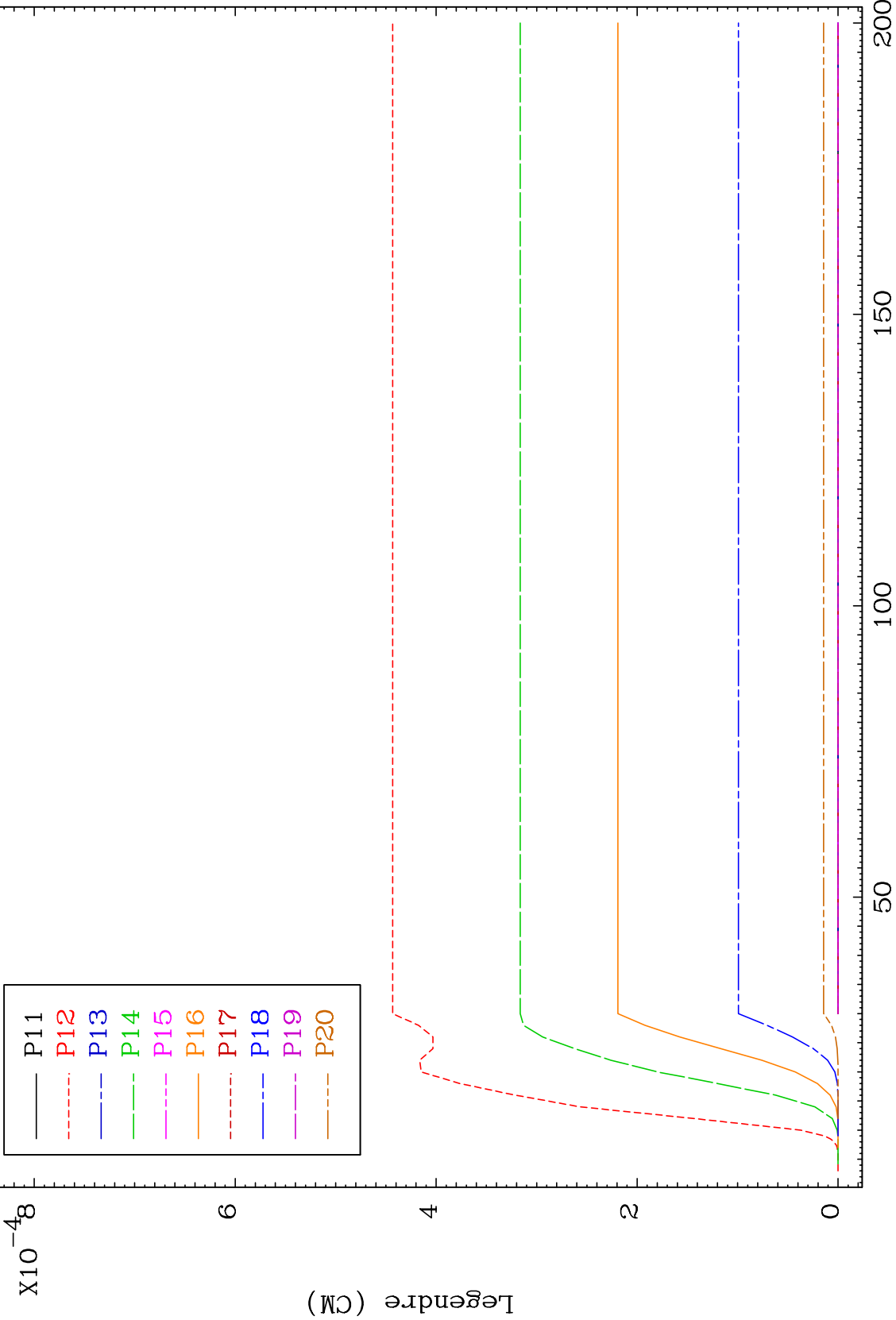
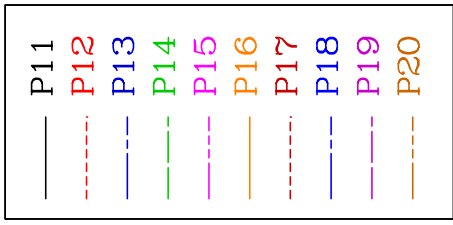
64-Gd-159



MAT 6446

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

64-Gd-159



93

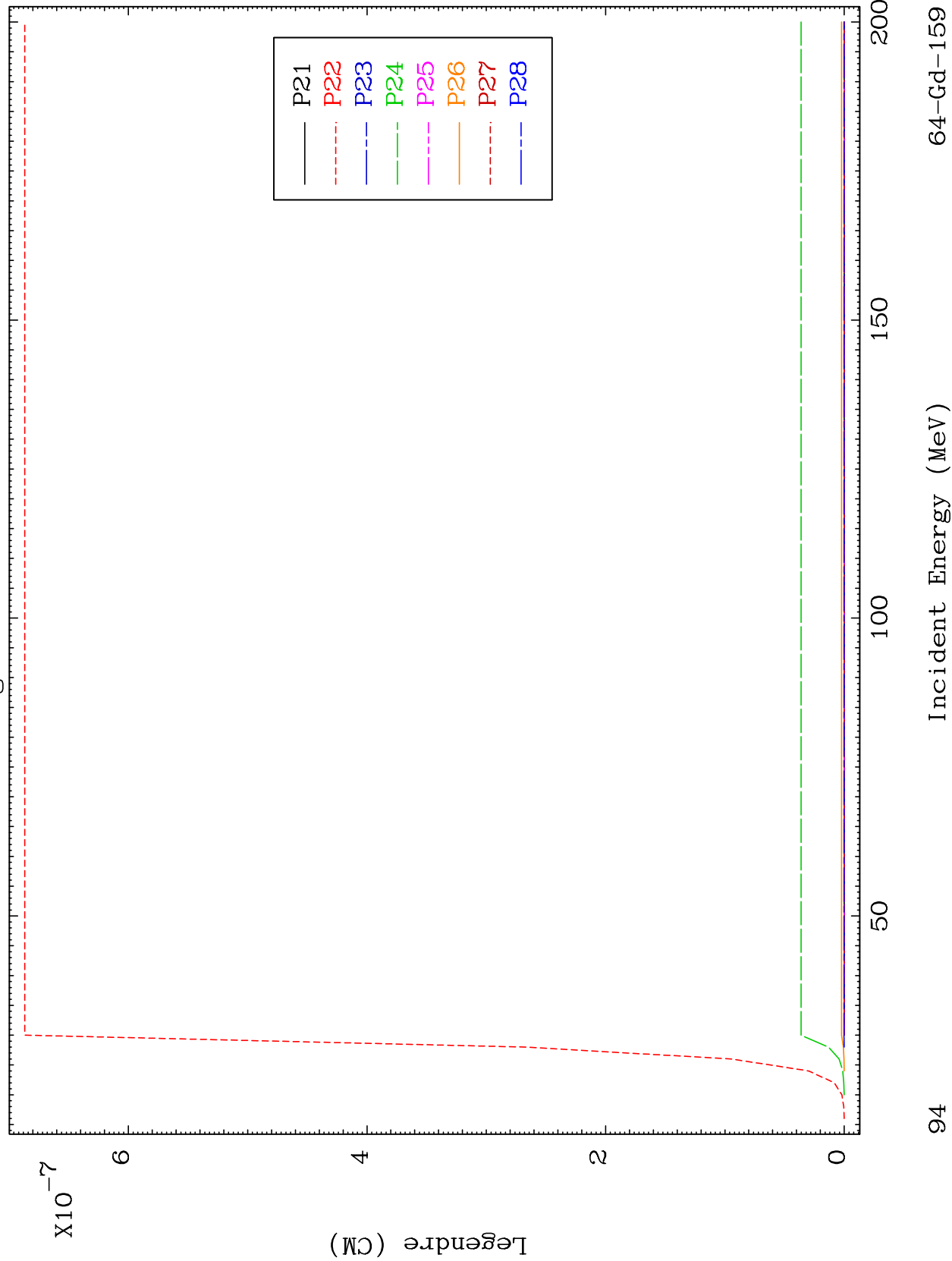
Incident Energy (MeV)

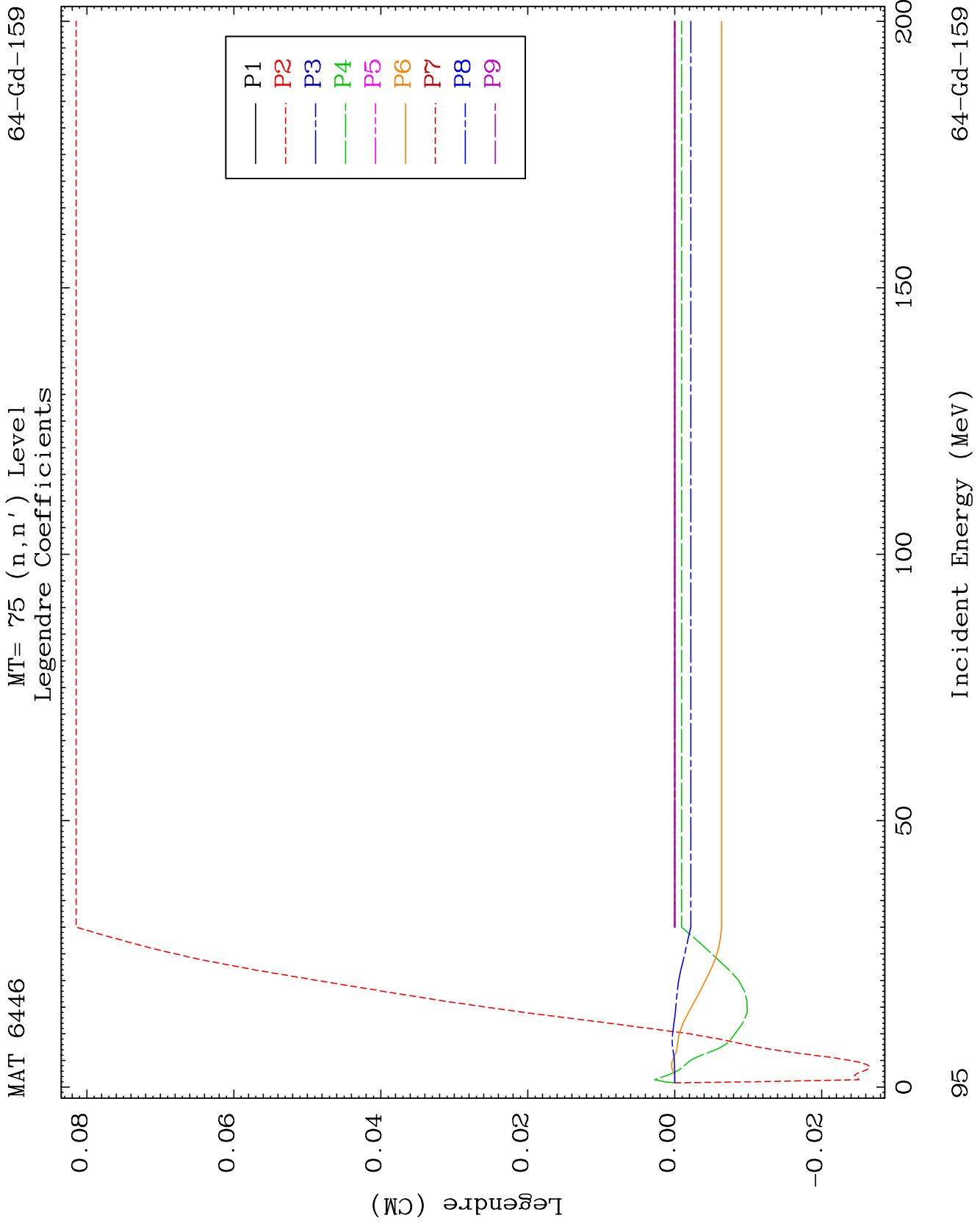
64-Gd-159

MAT 6446

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

64-Gd-159

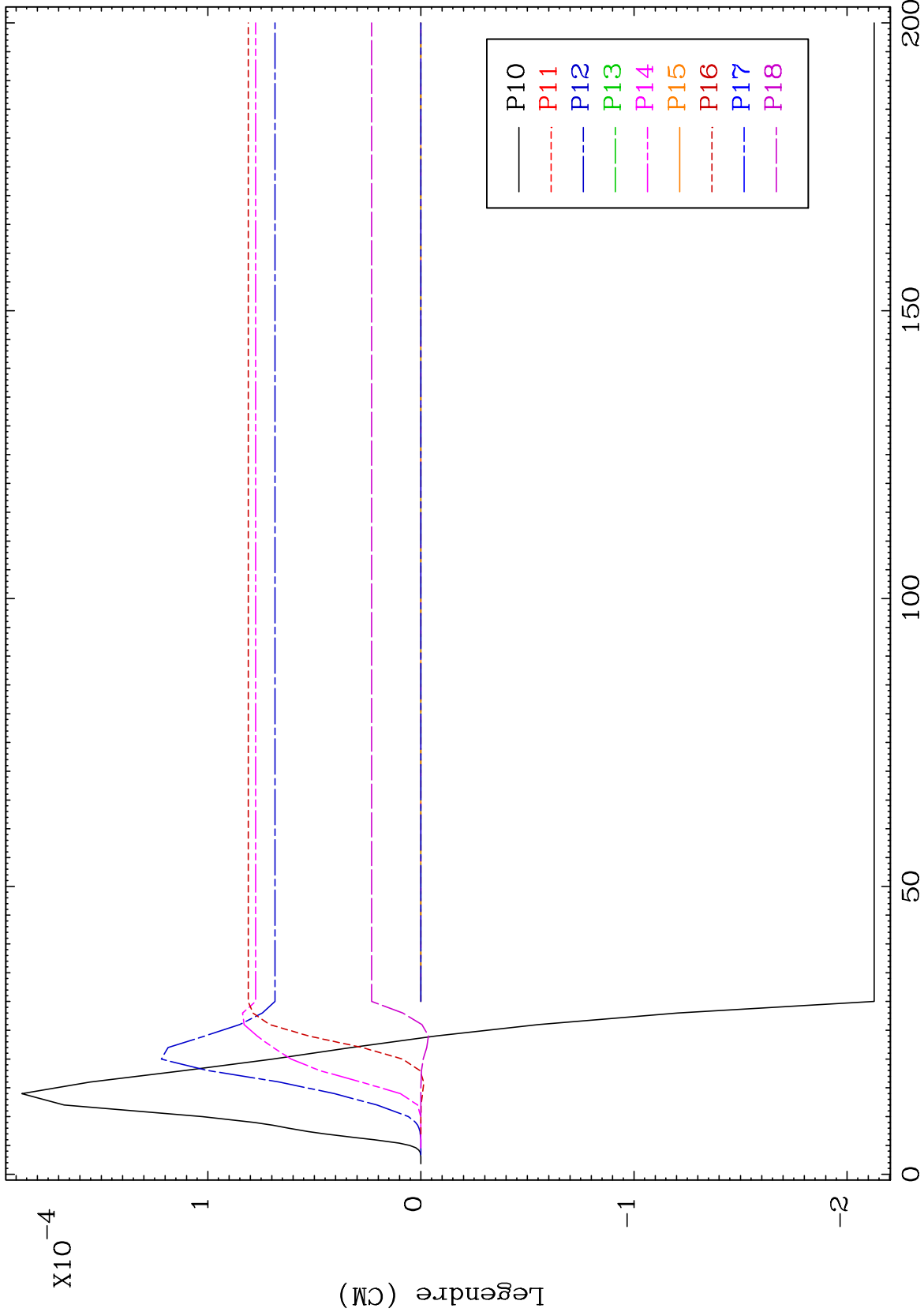




MAT 6446

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

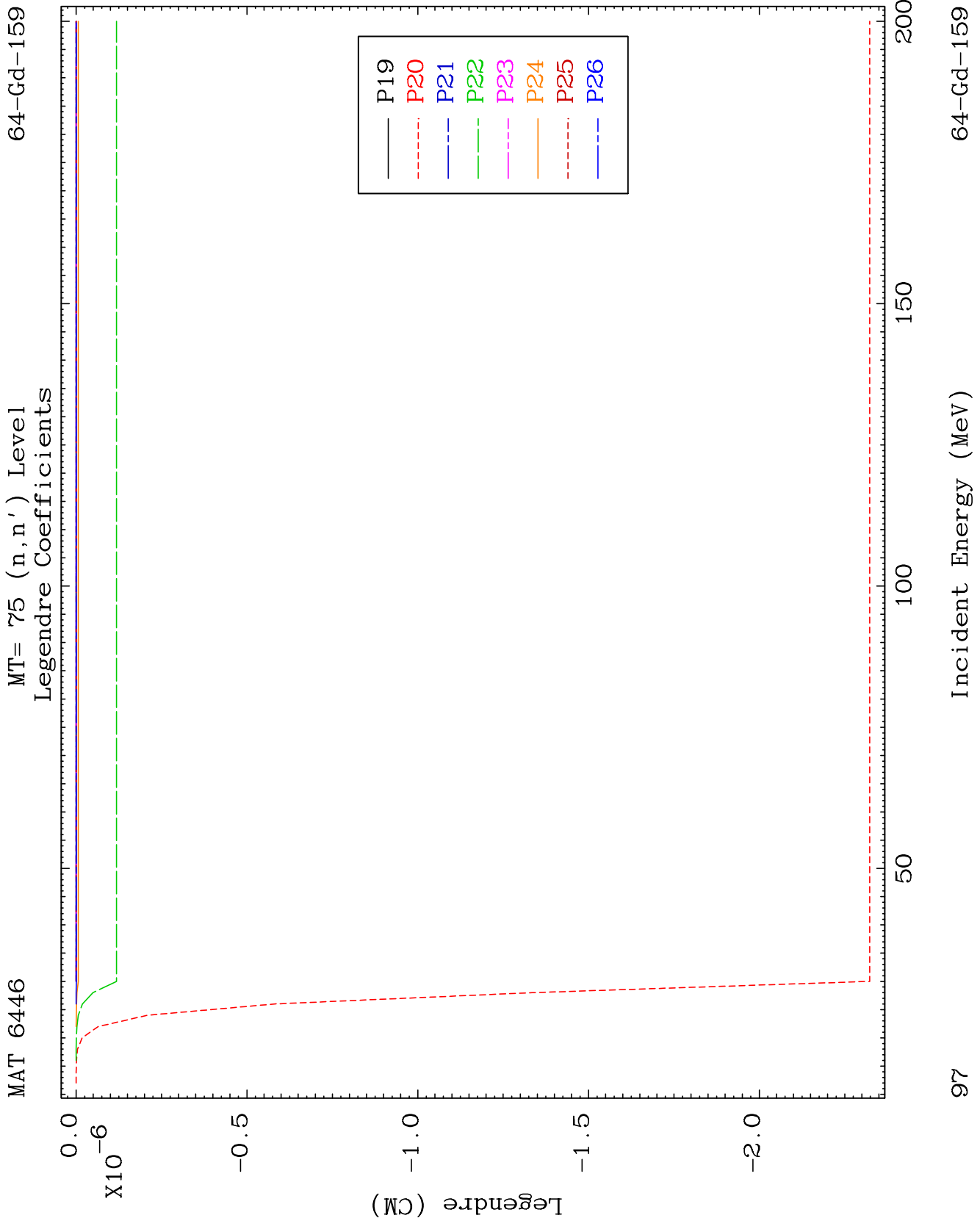
64-Gd-159

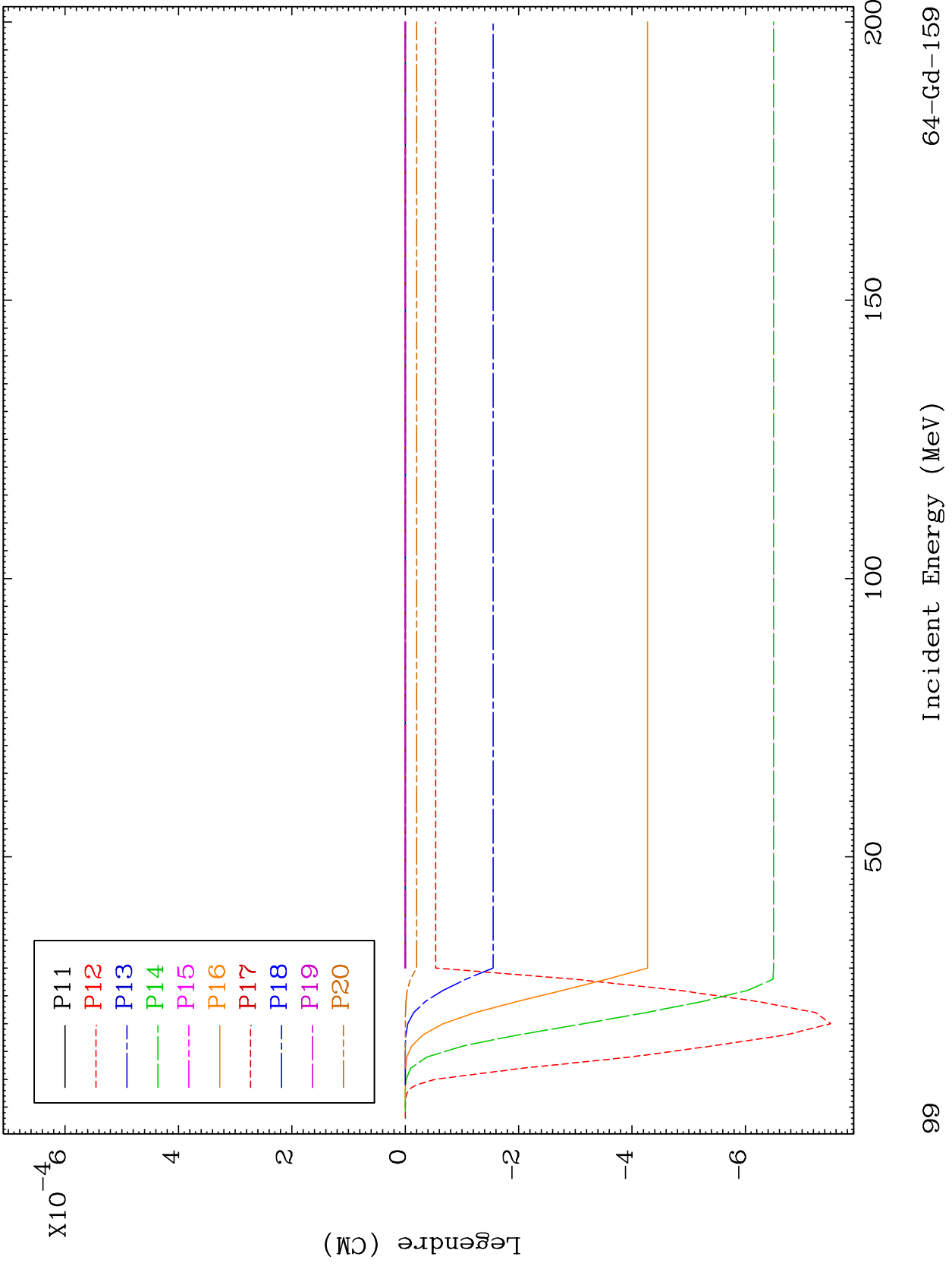


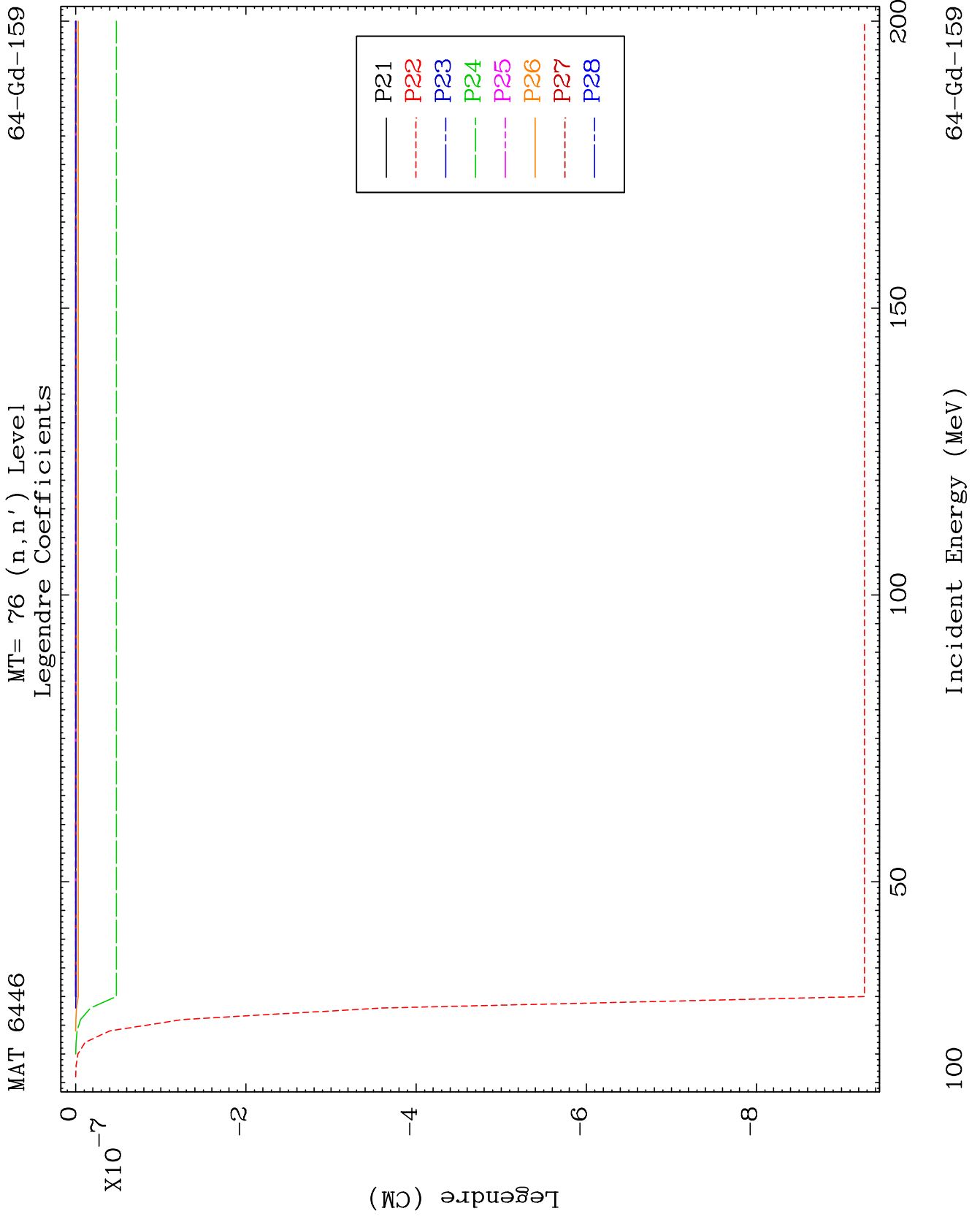
96

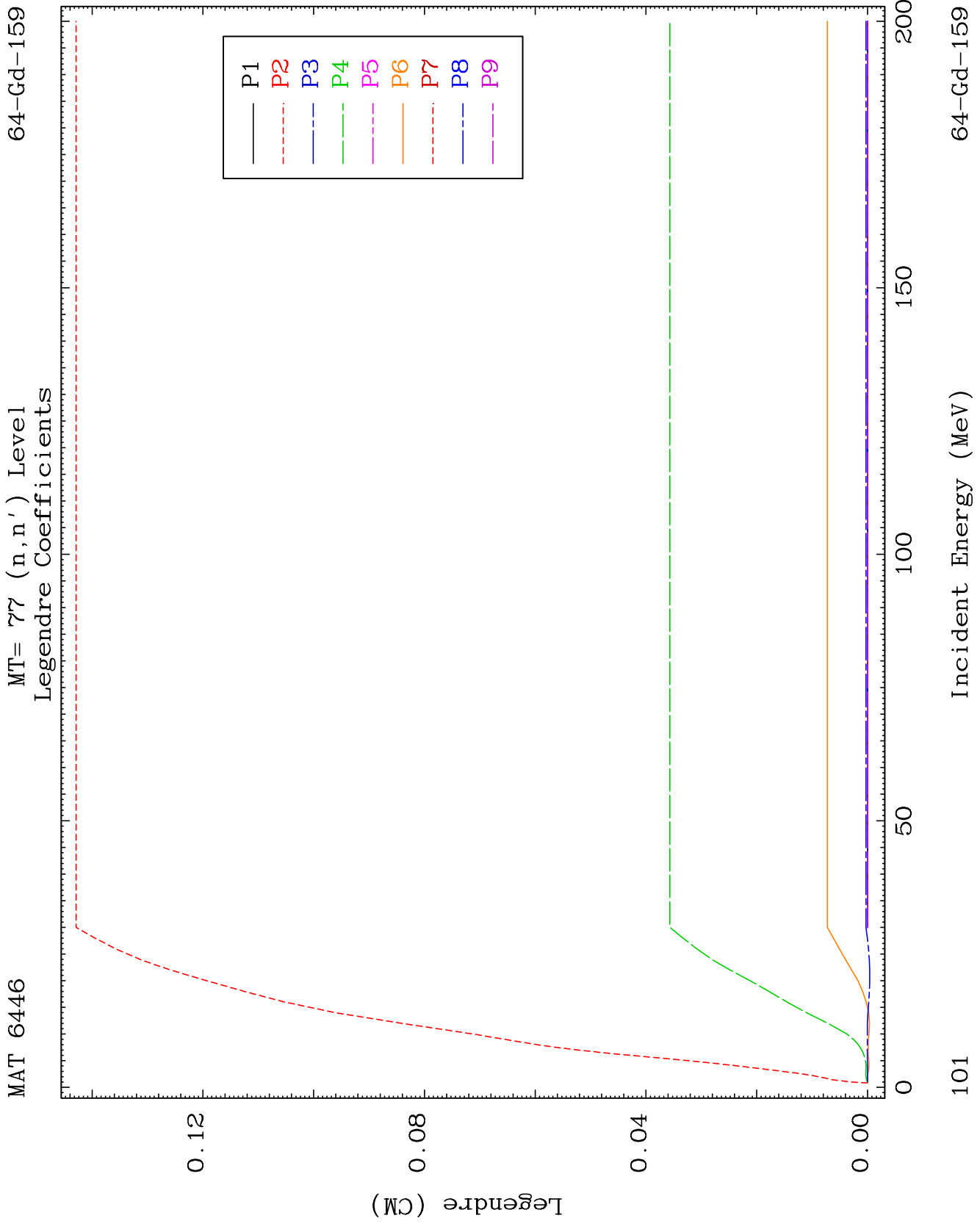
Incident Energy (MeV)

64-Gd-159





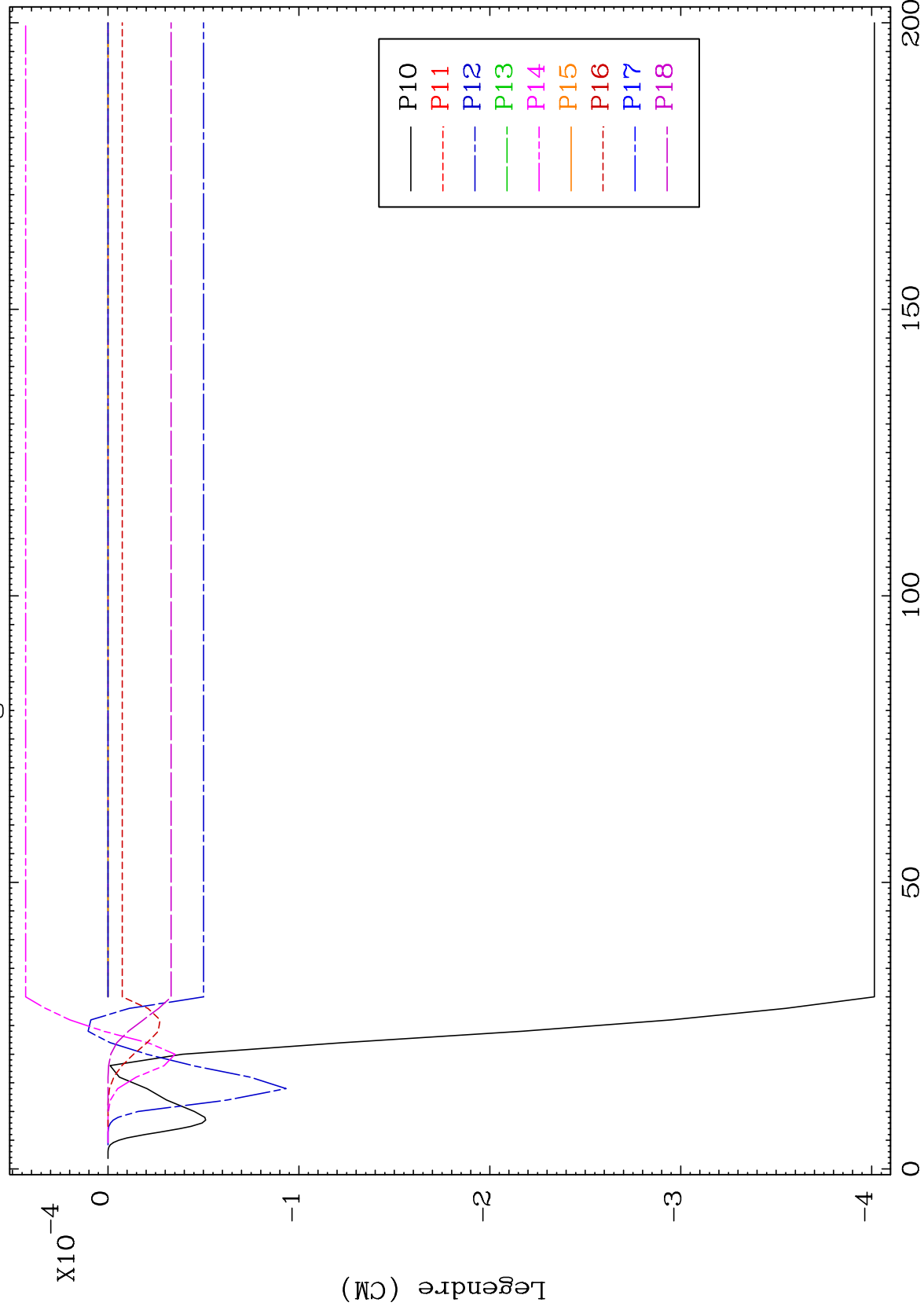




MAT 6446

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

64-Gd-159



102

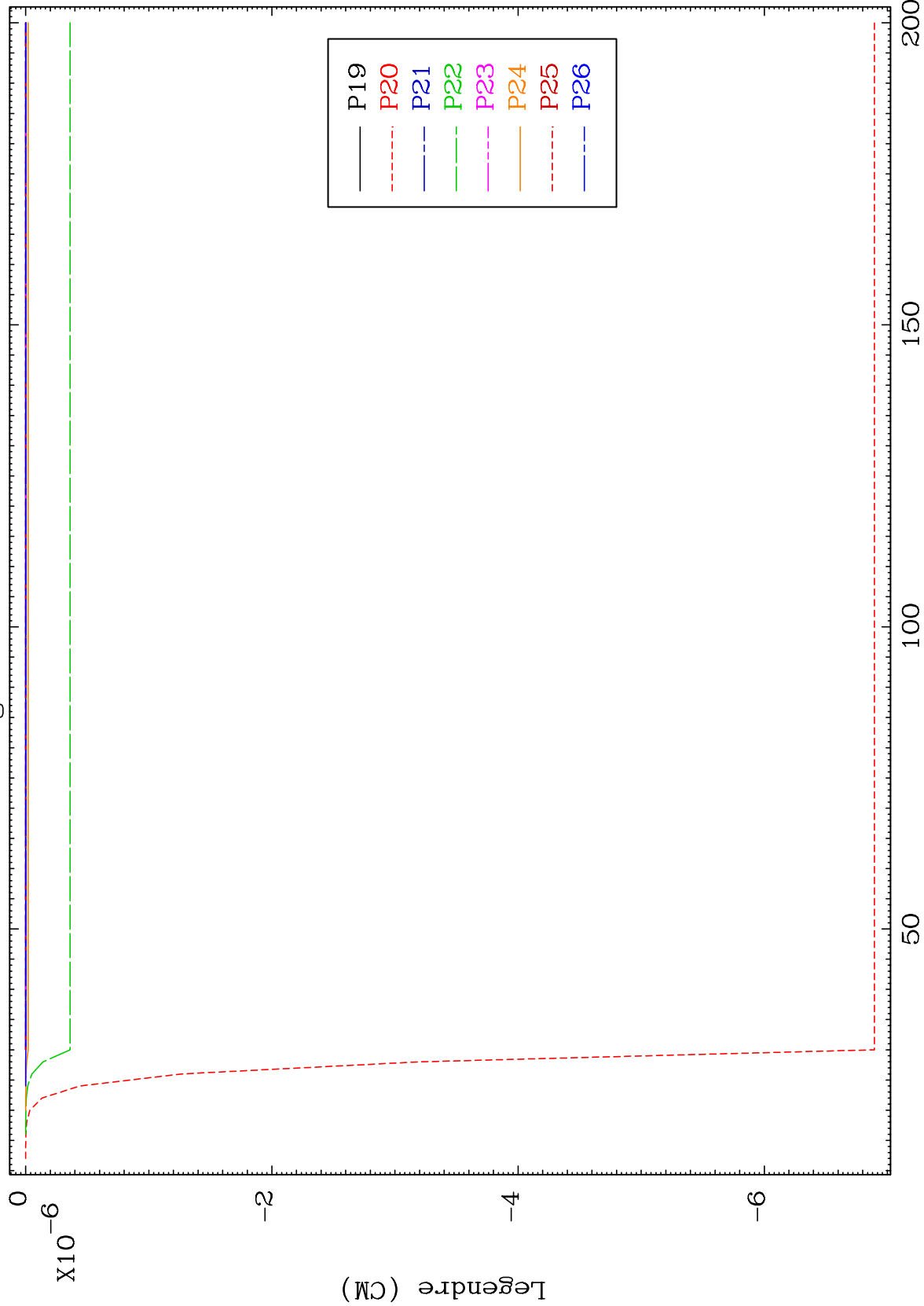
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

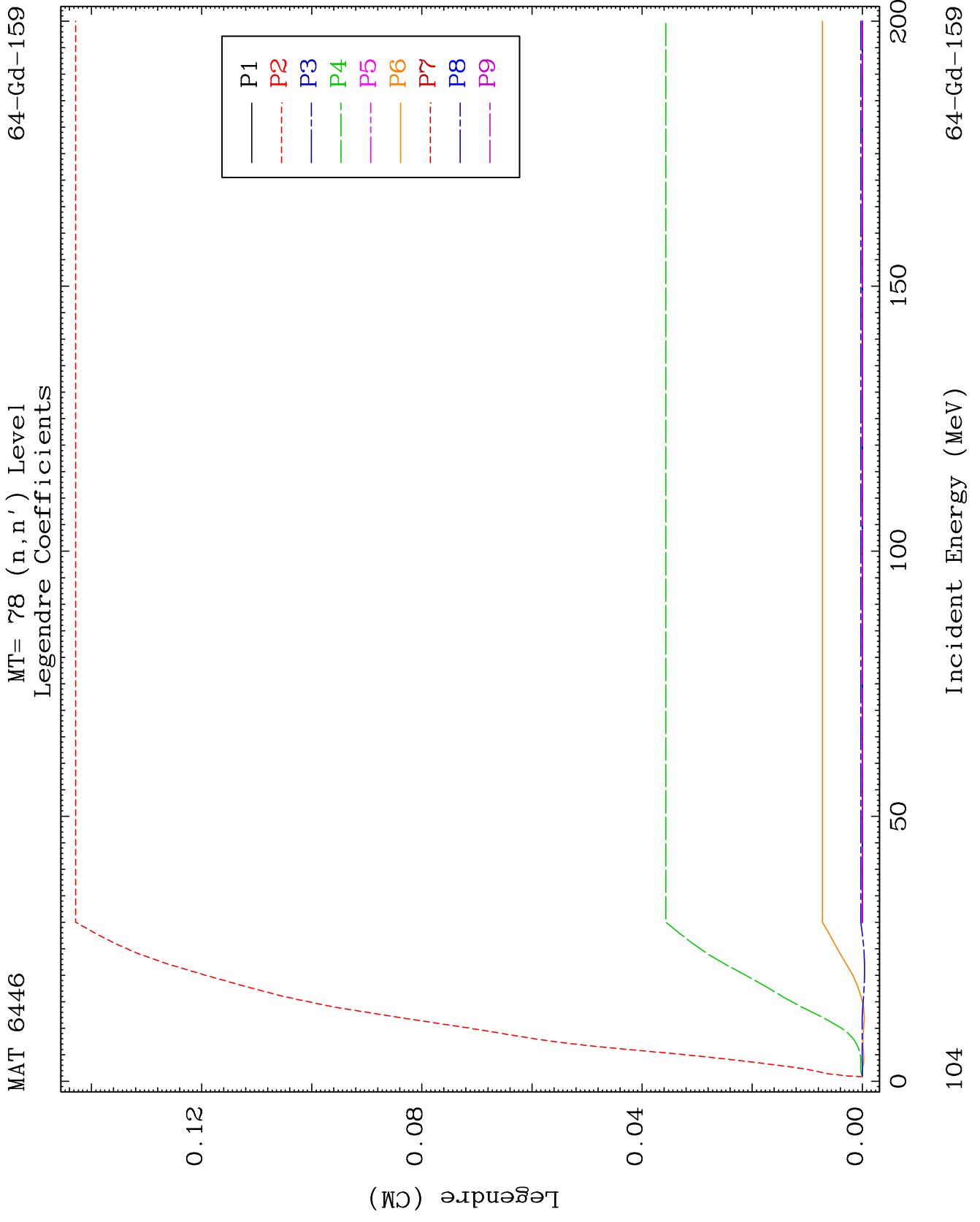
64-Gd-159



103

Incident Energy (MeV)

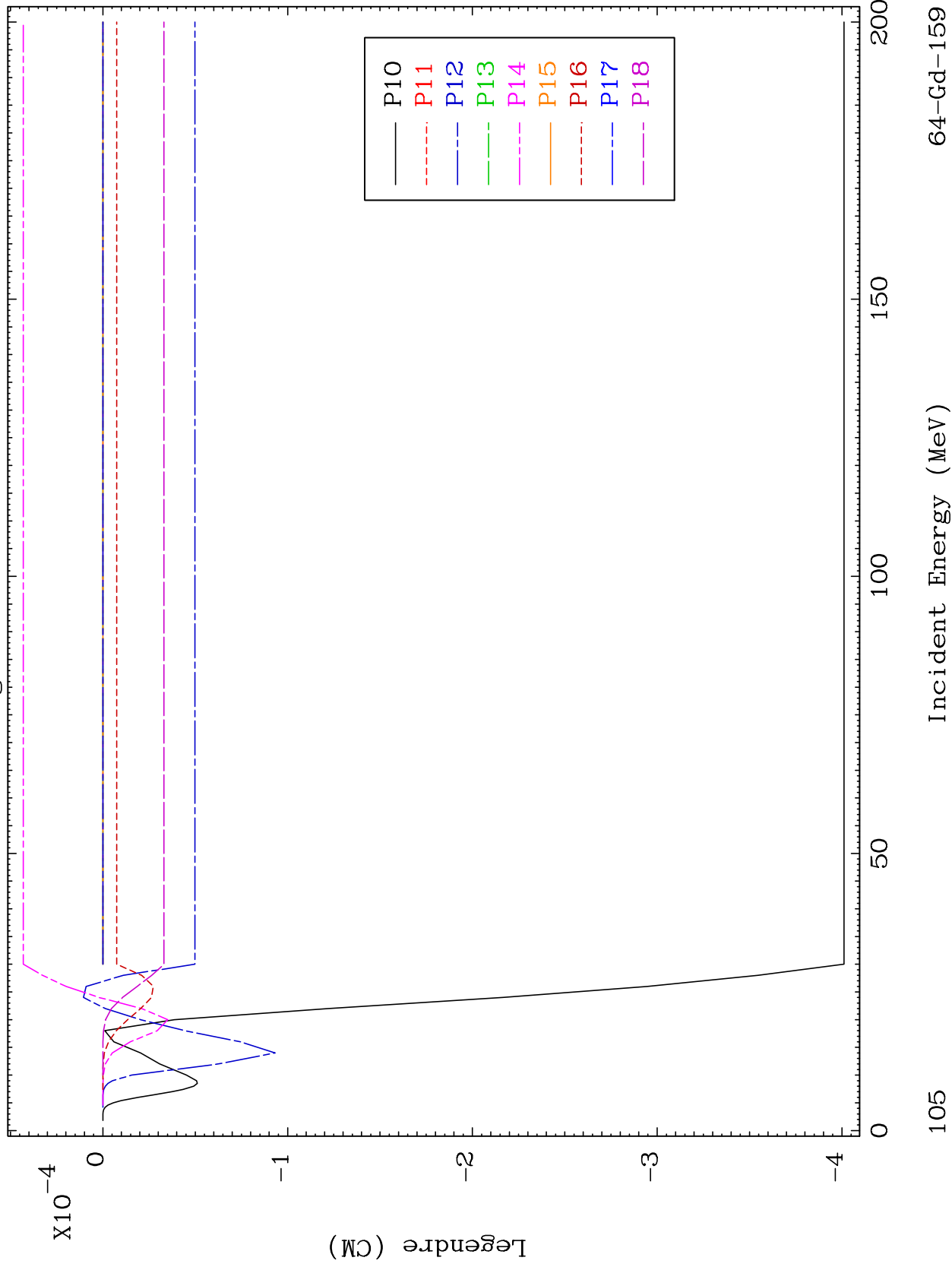
64-Gd-159



MAT 6446

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

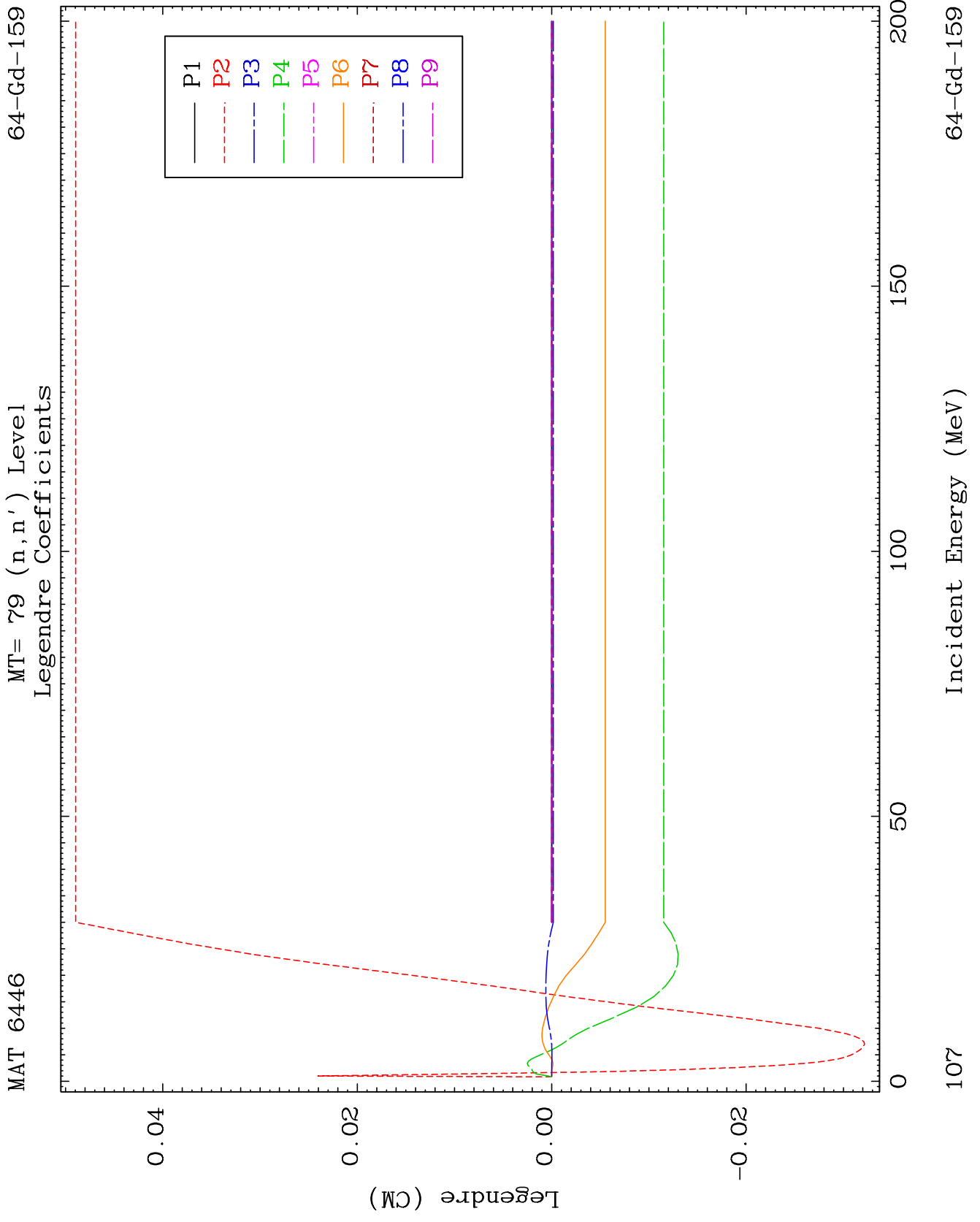
64-Gd-159



64-Gd-159

Incident Energy (MeV)

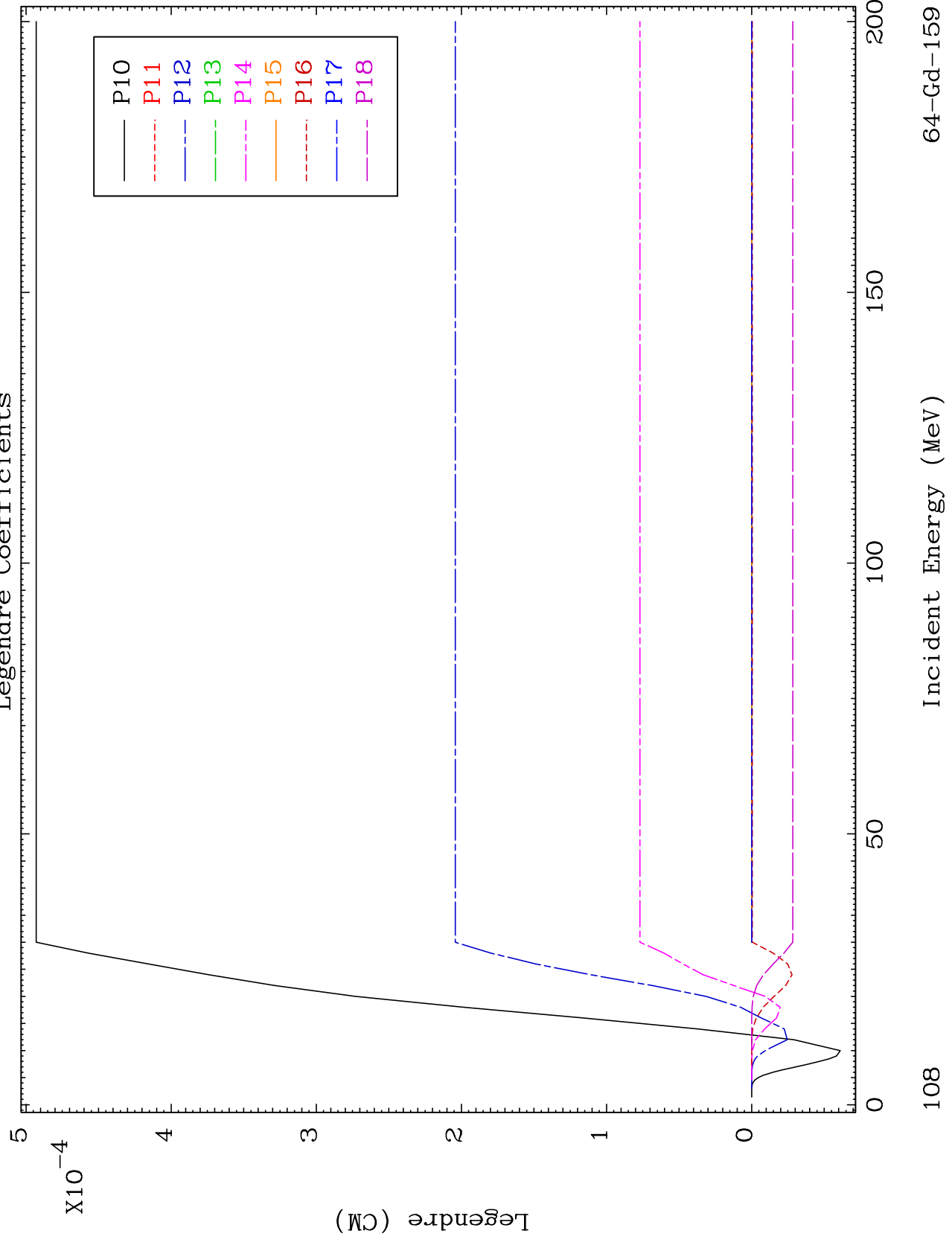
105



MAT 6446

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

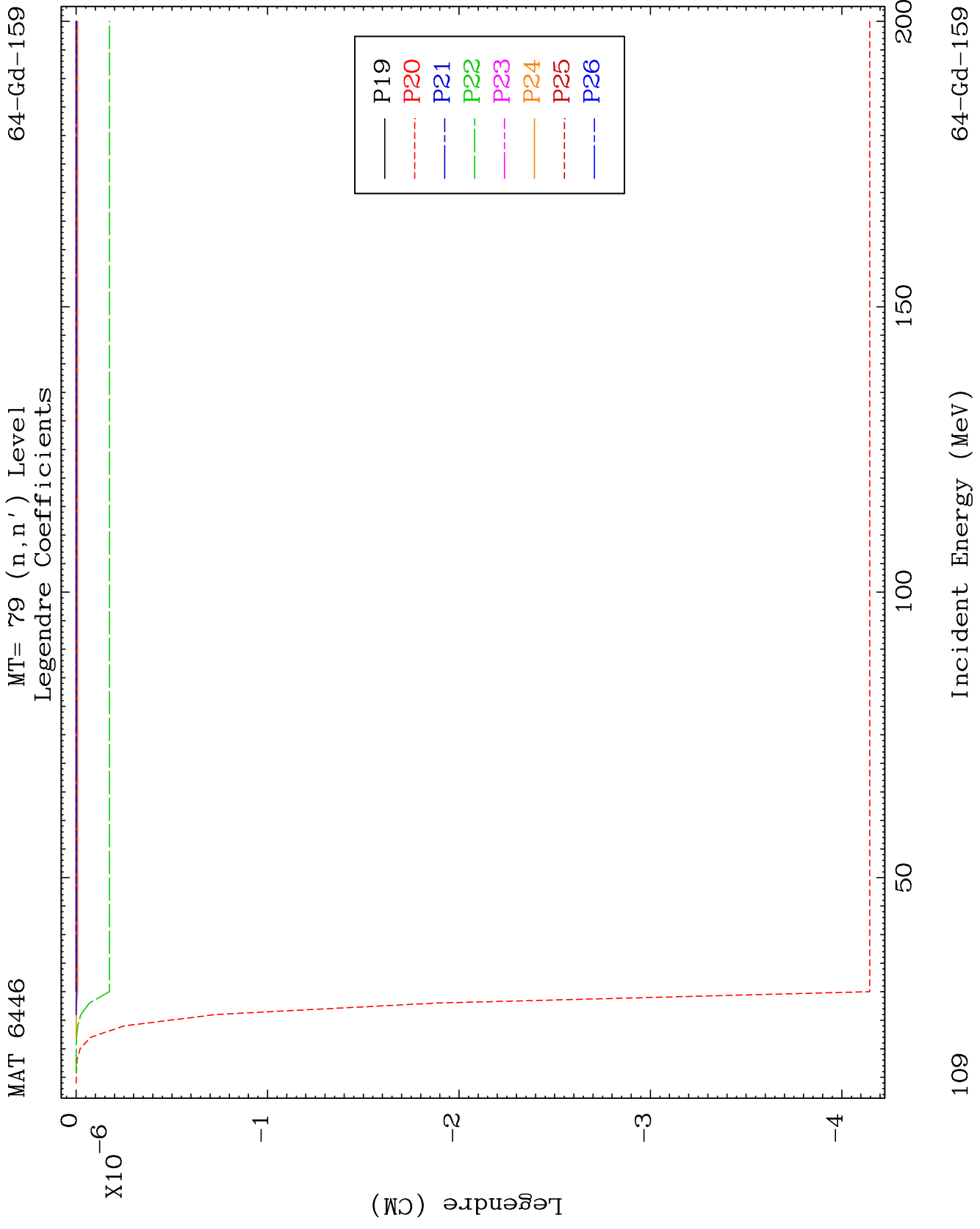
64-Gd-159



64-Gd-159

Incident Energy (MeV)

108



64-Gd-159

Incident Energy (MeV)

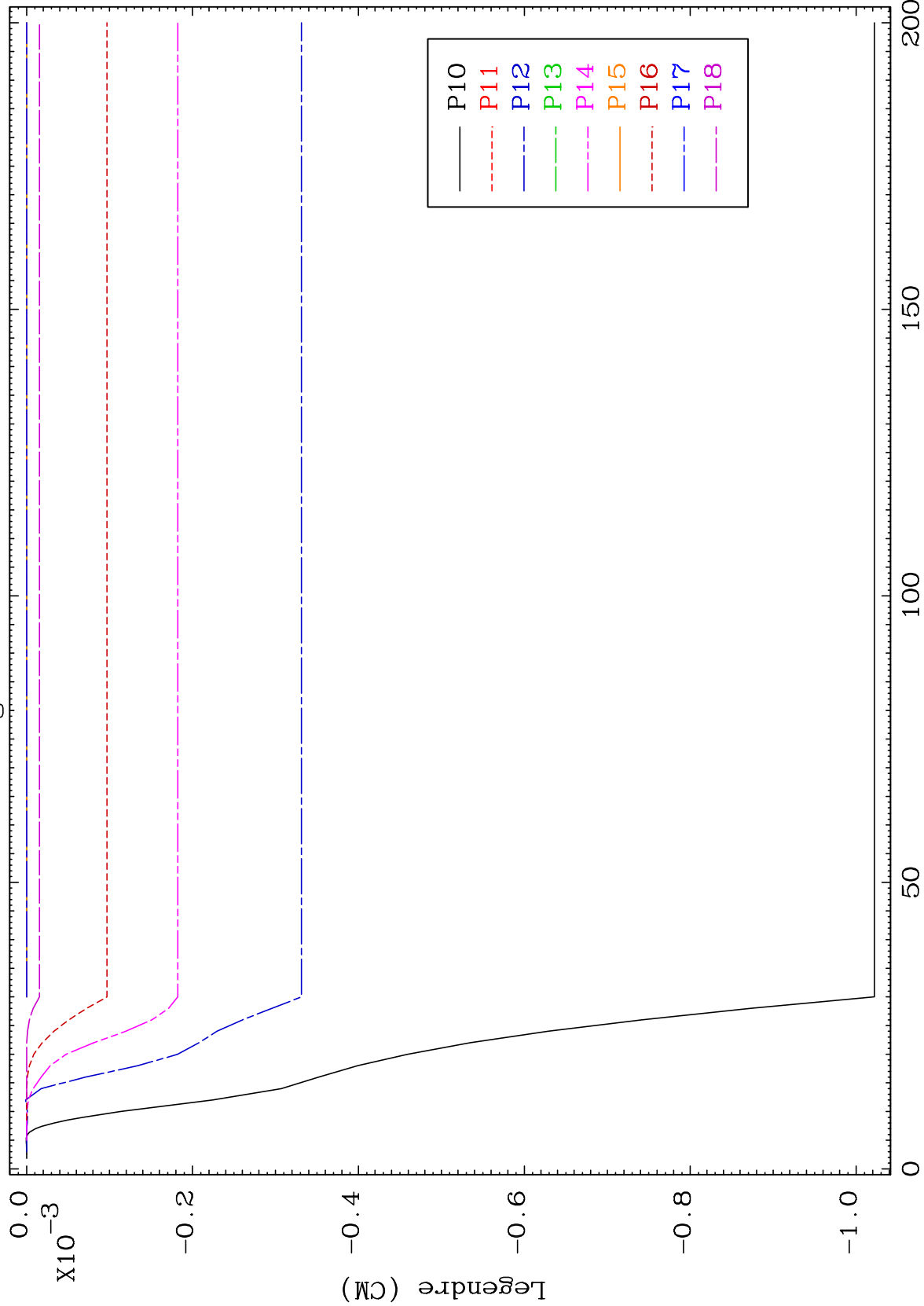
109

MAT 6446

MT= 80 (n,n') Level

64-Gd-159

Legendre Coefficients



64-Gd-159

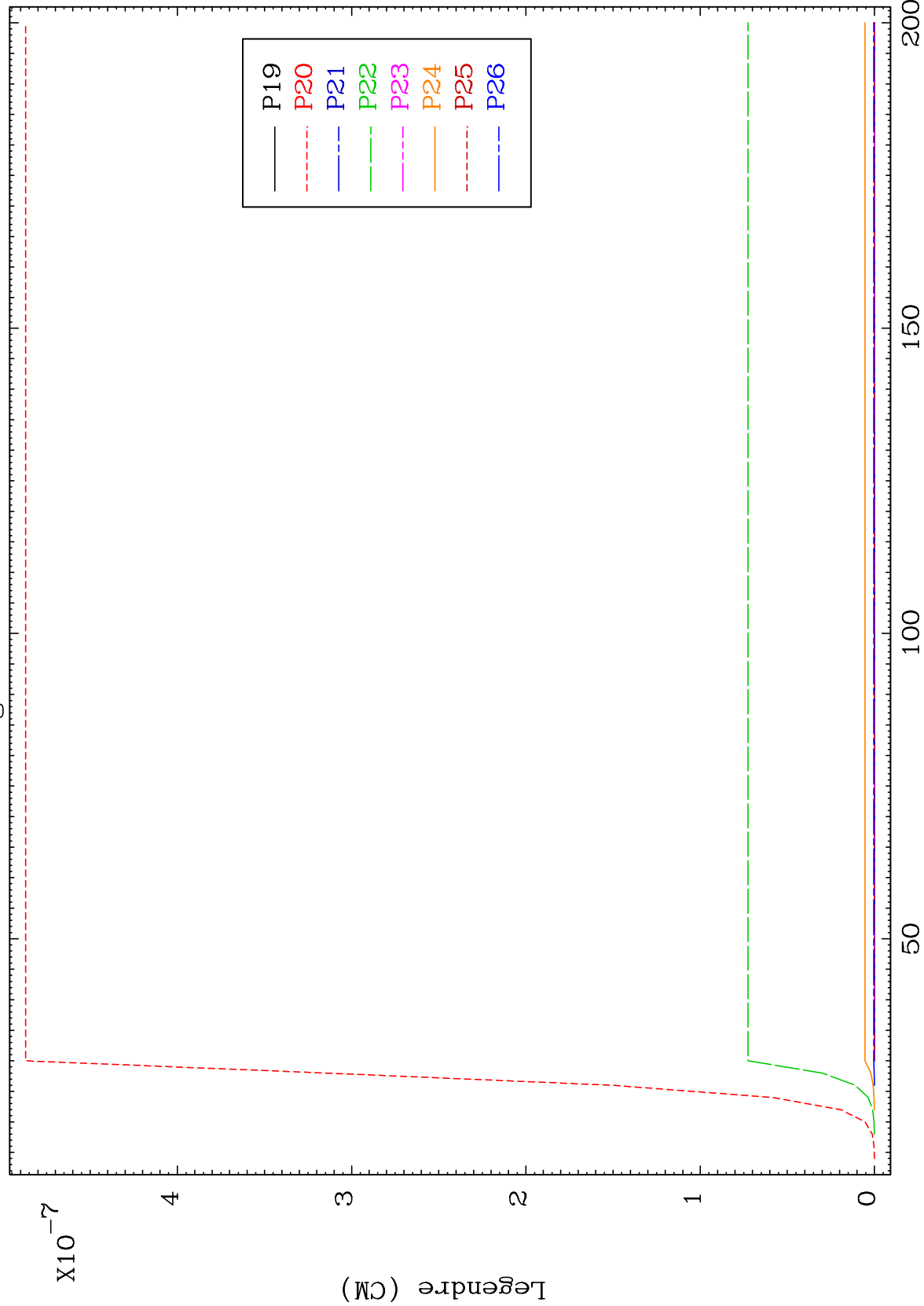
Incident Energy (MeV)

111

MAT 6446

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

64-Gd-159



64-Gd-159

Incident Energy (MeV)

112