

Program EVALPLOT
(Version 2017-1)

by

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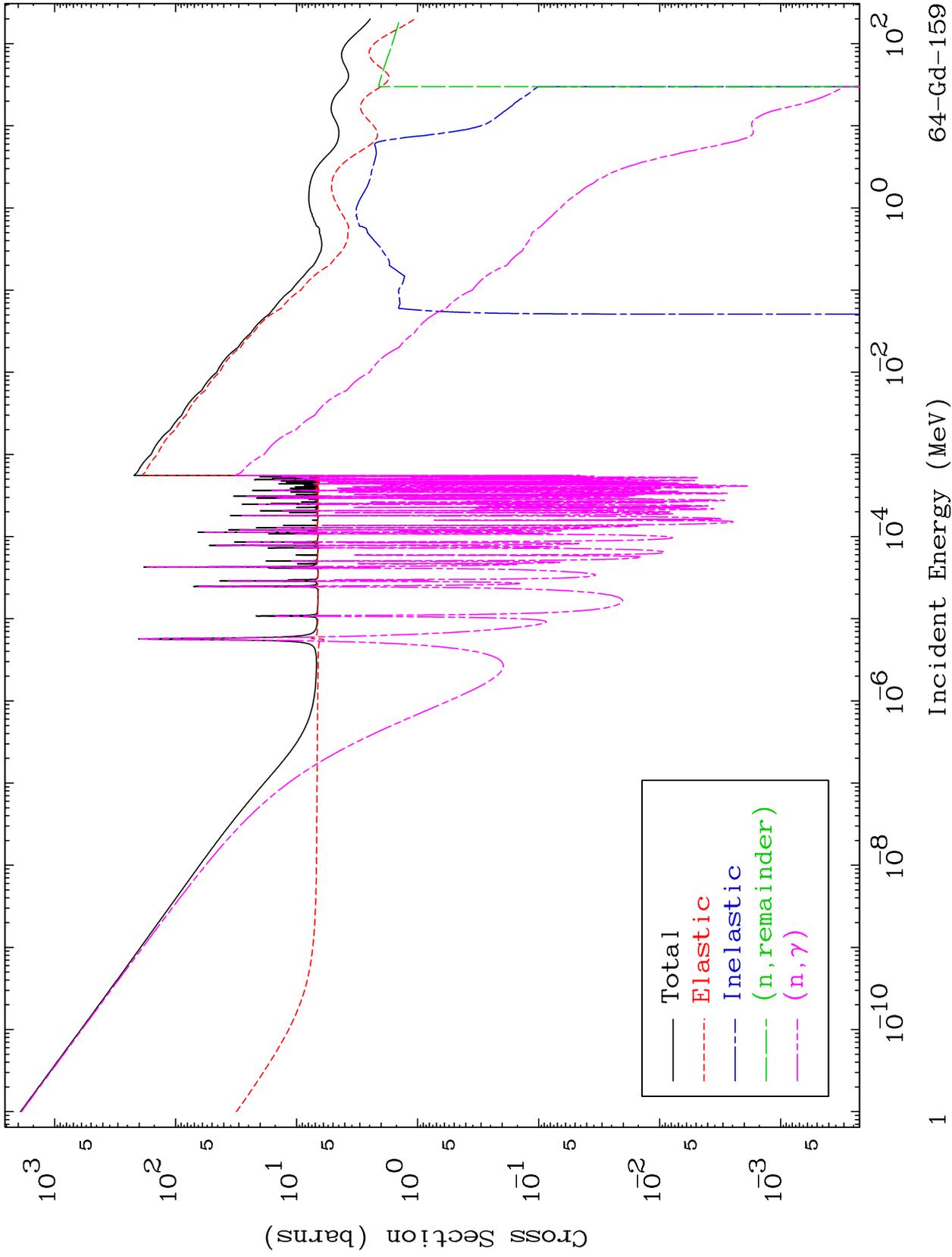
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MAT 6446

Major

293 Kelvin Cross Sections

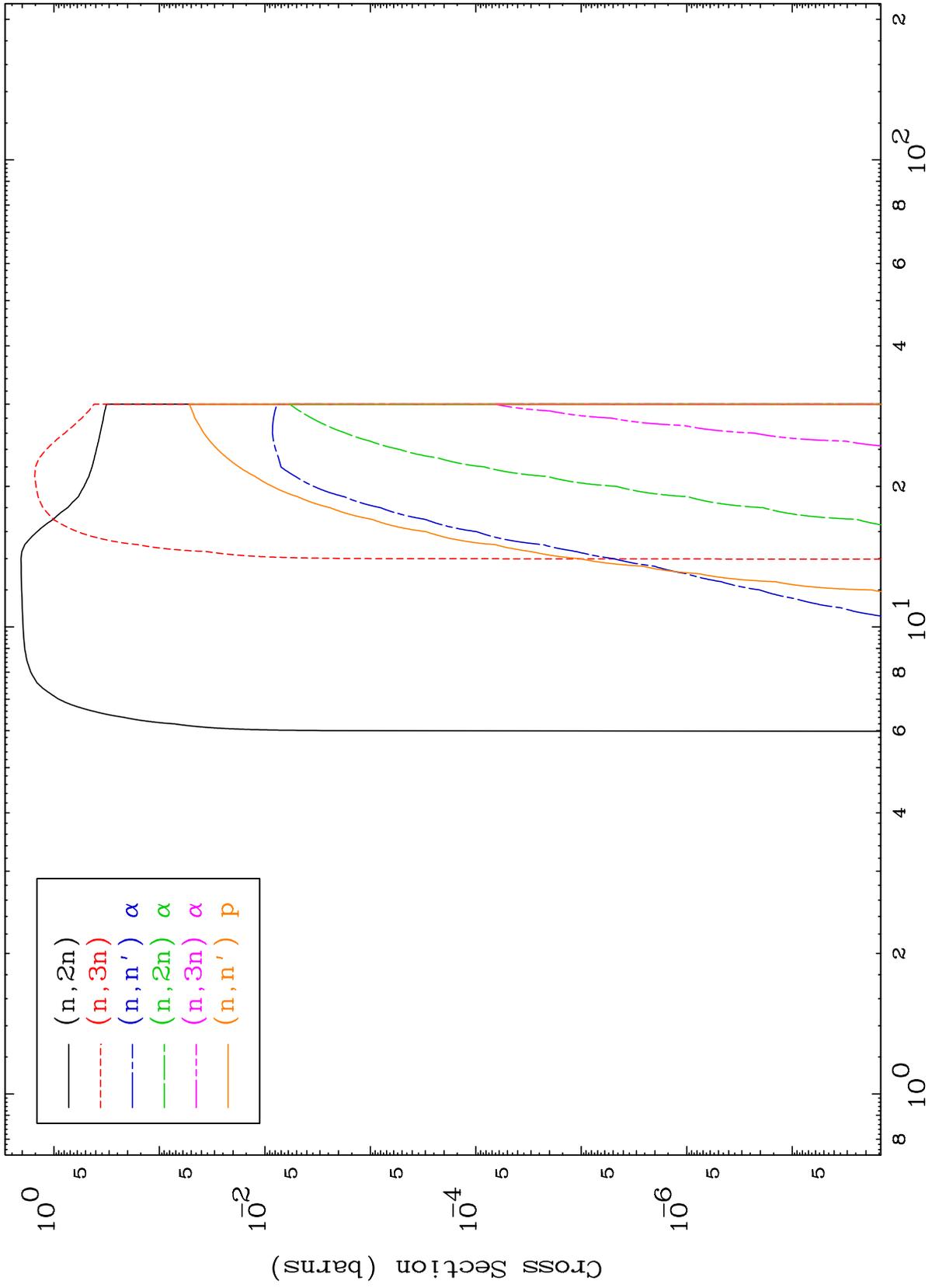
64-Gd-159



MAT 6446

Neutron Production
293 Kelvin Cross Sections

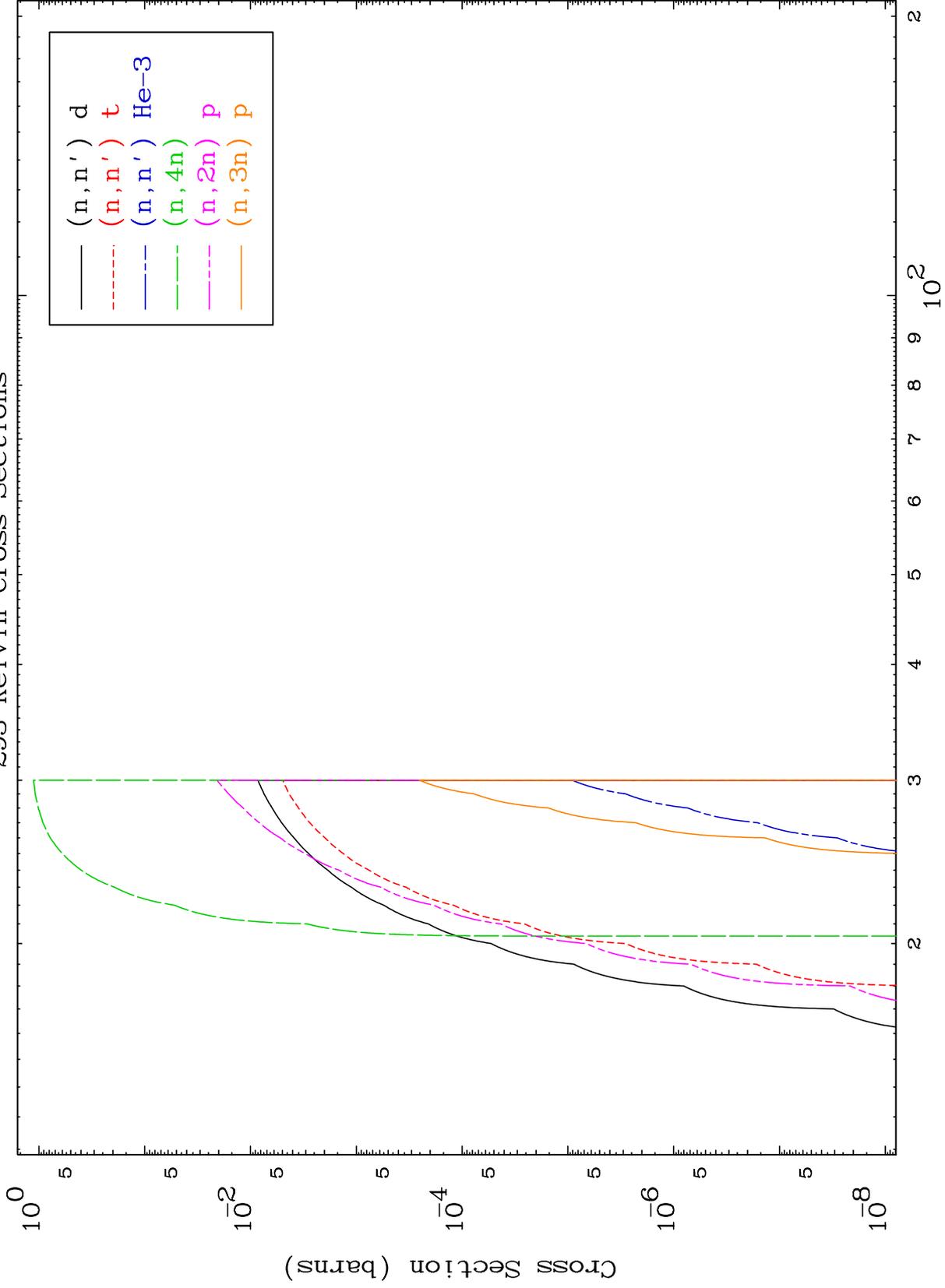
64-Gd-159



64-Gd-159

Incident Energy (MeV)

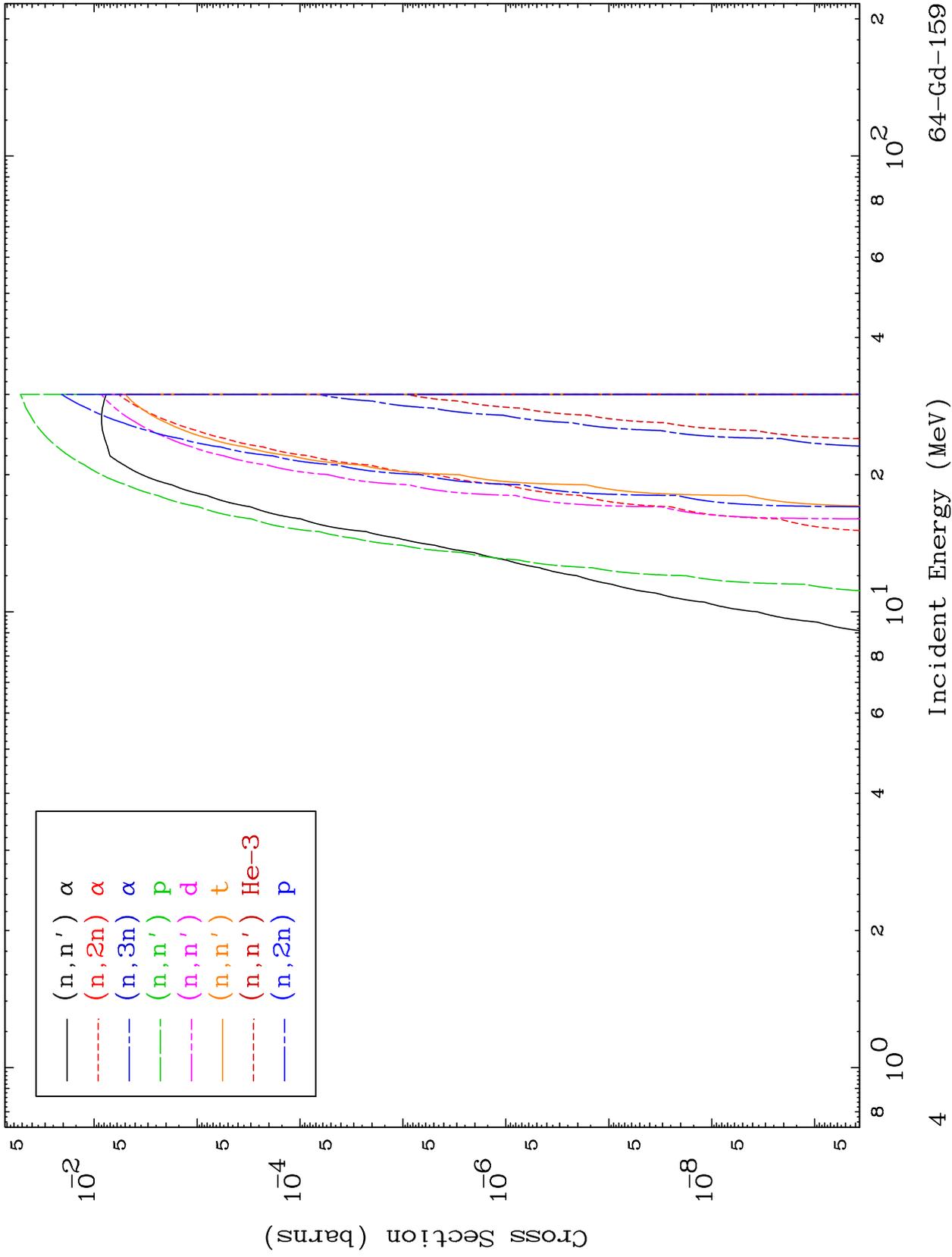
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MAT 6446

Charged Particle
293 Kelvin Cross Sections

64-Gd-159



64-Gd-159

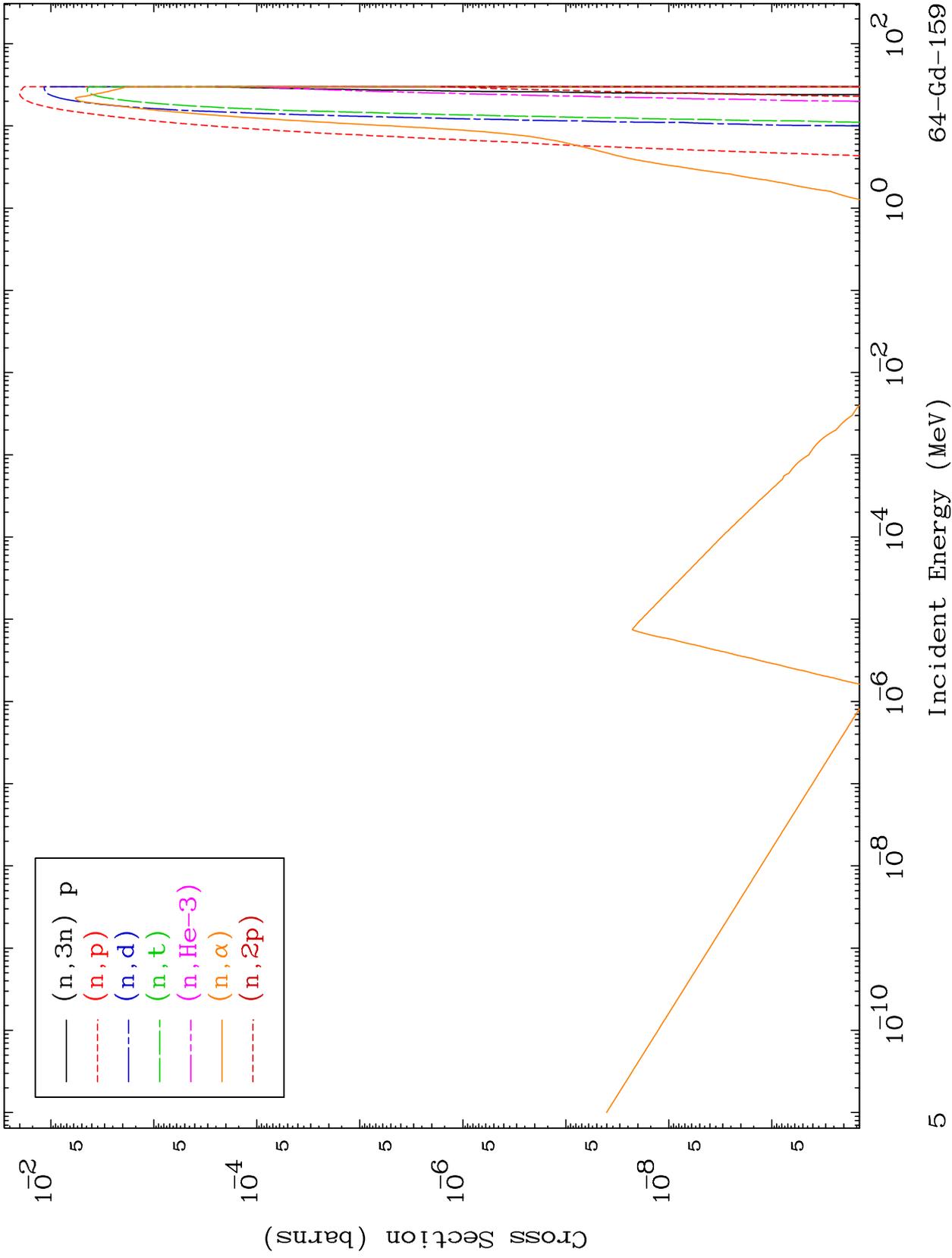
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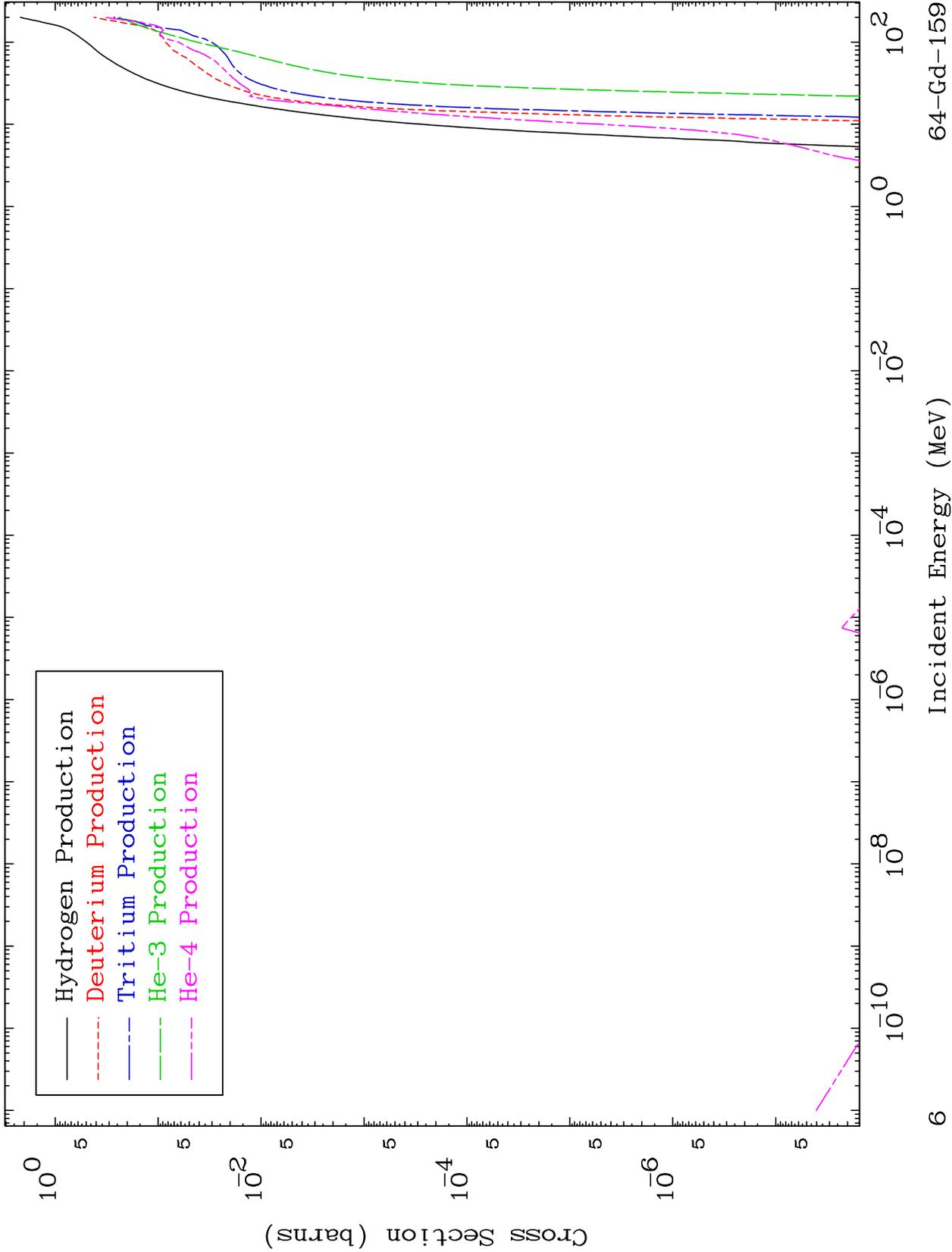
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MAT 6446

Charged Particle
293 Kelvin Cross Sections

64-Gd-159



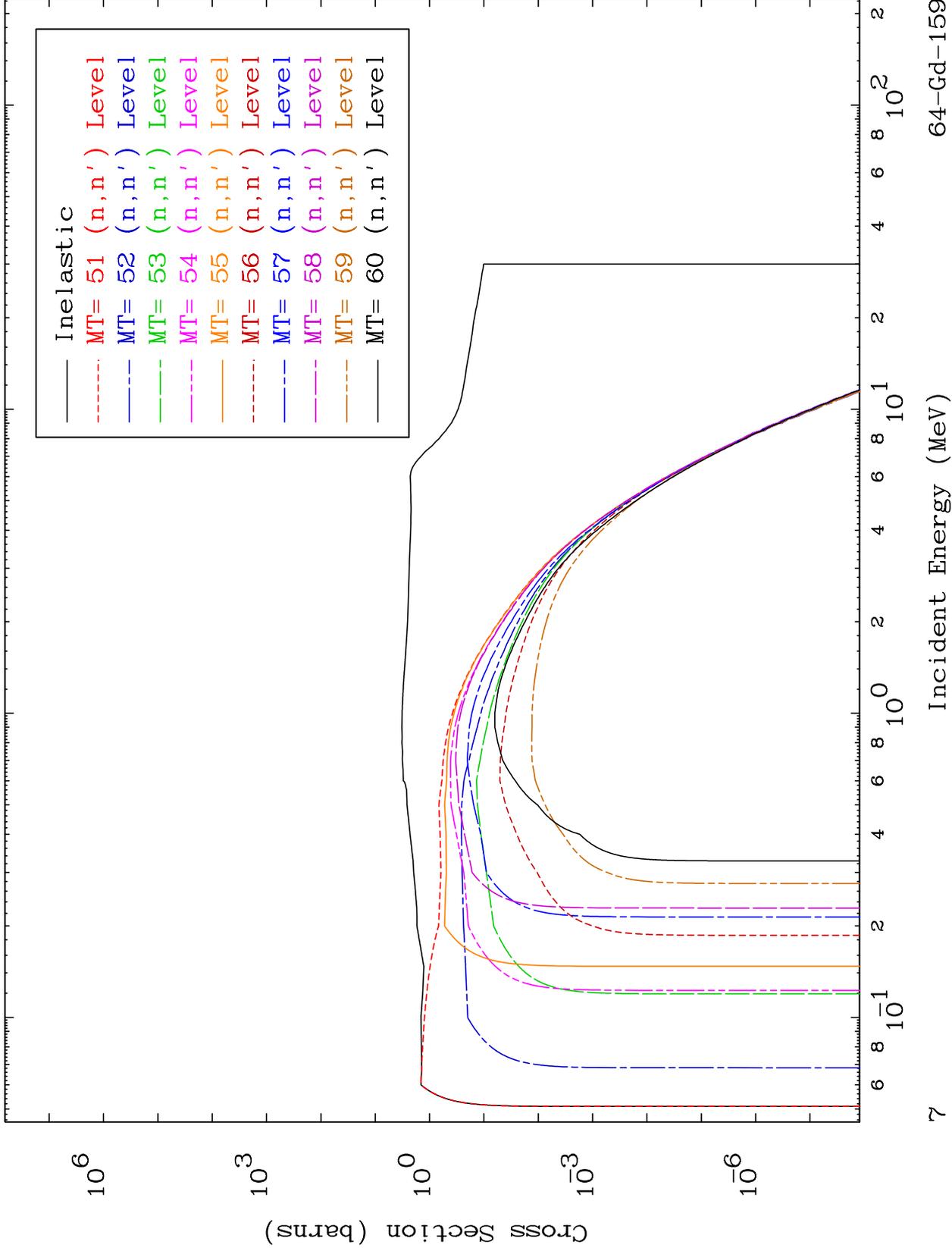


MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections

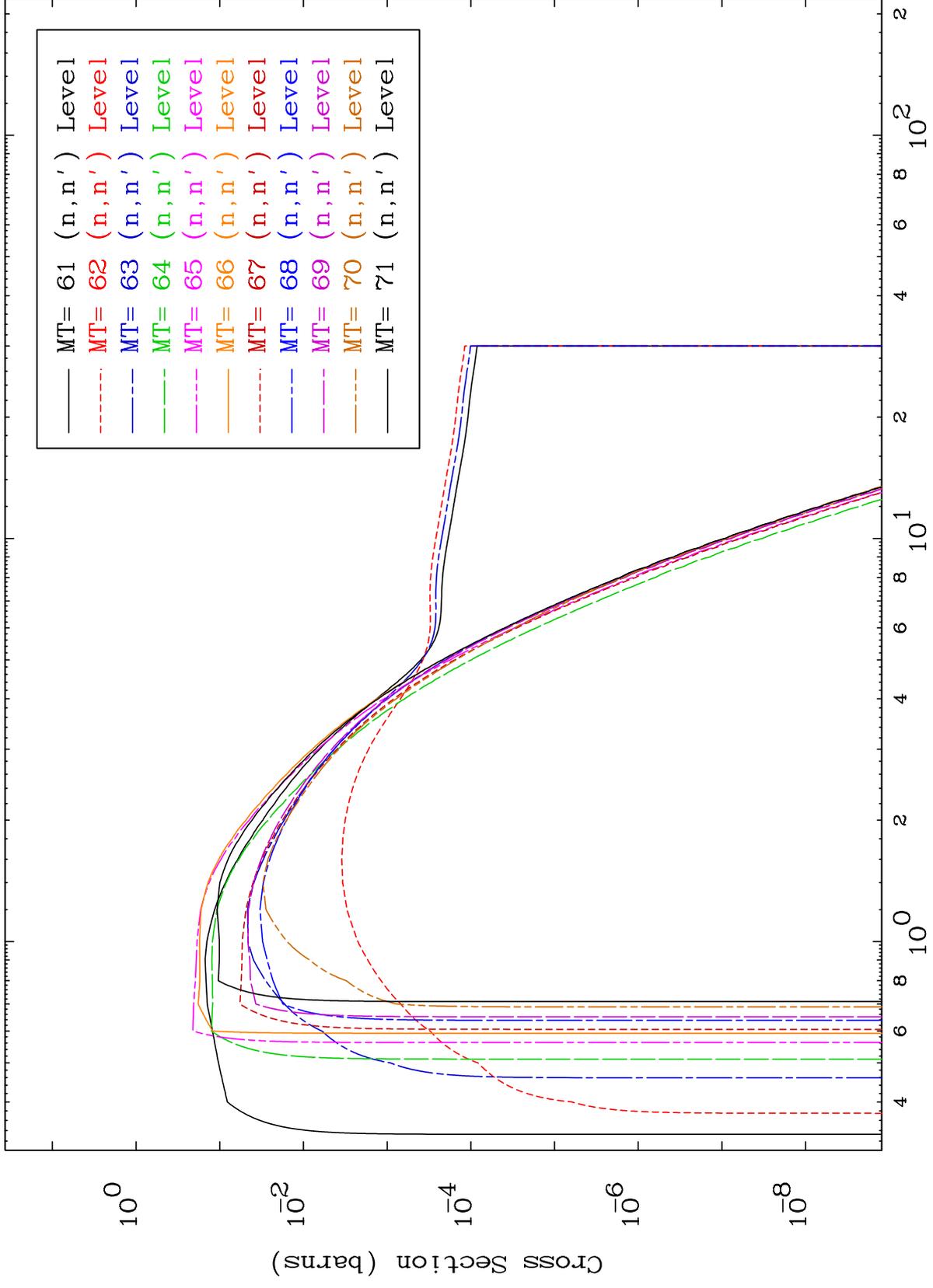


MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections



8

Incident Energy (MeV)

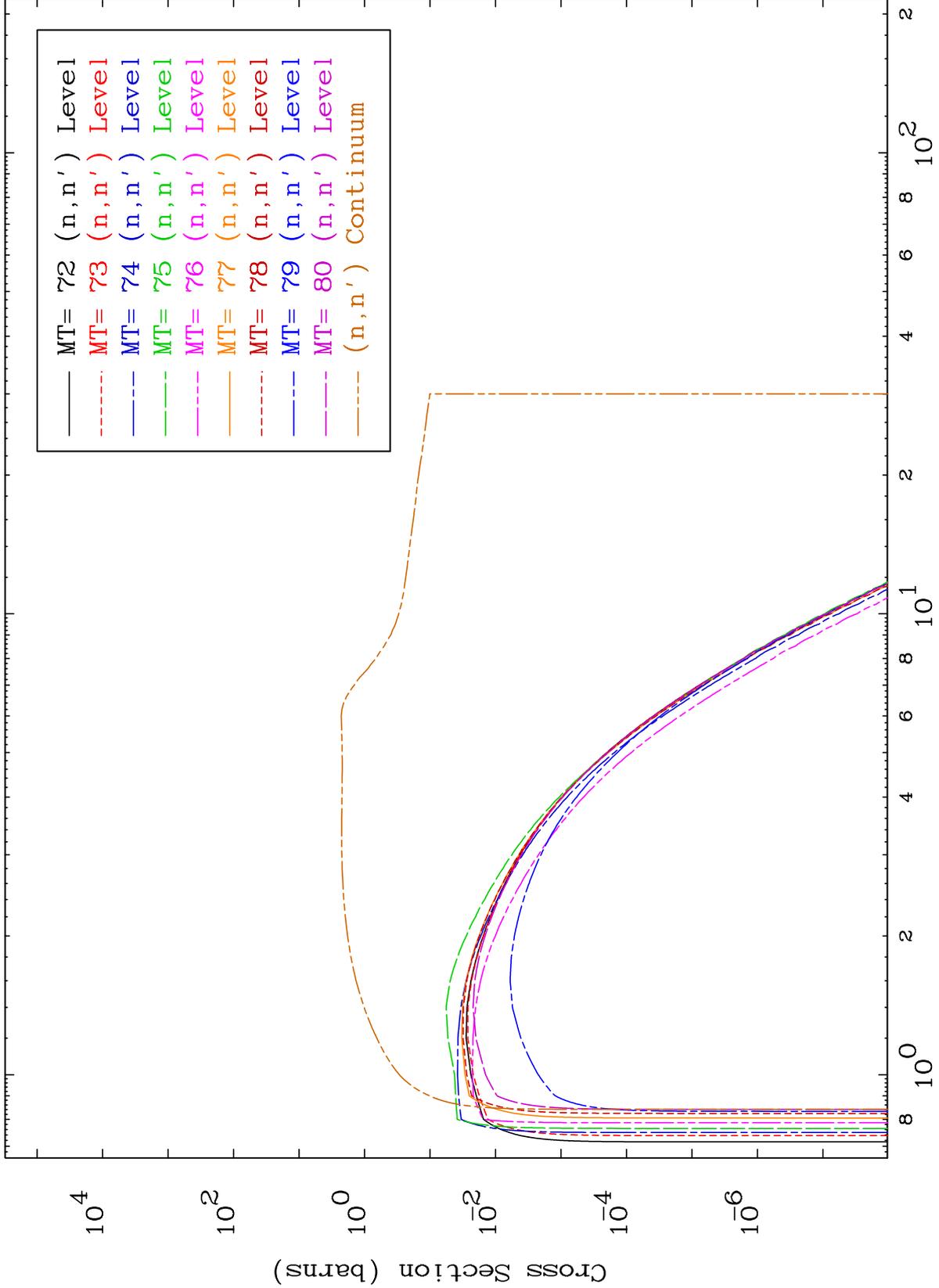
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MAT 6446

(n,n') Level

64-Gd-159

293 Kelvin Cross Sections



9

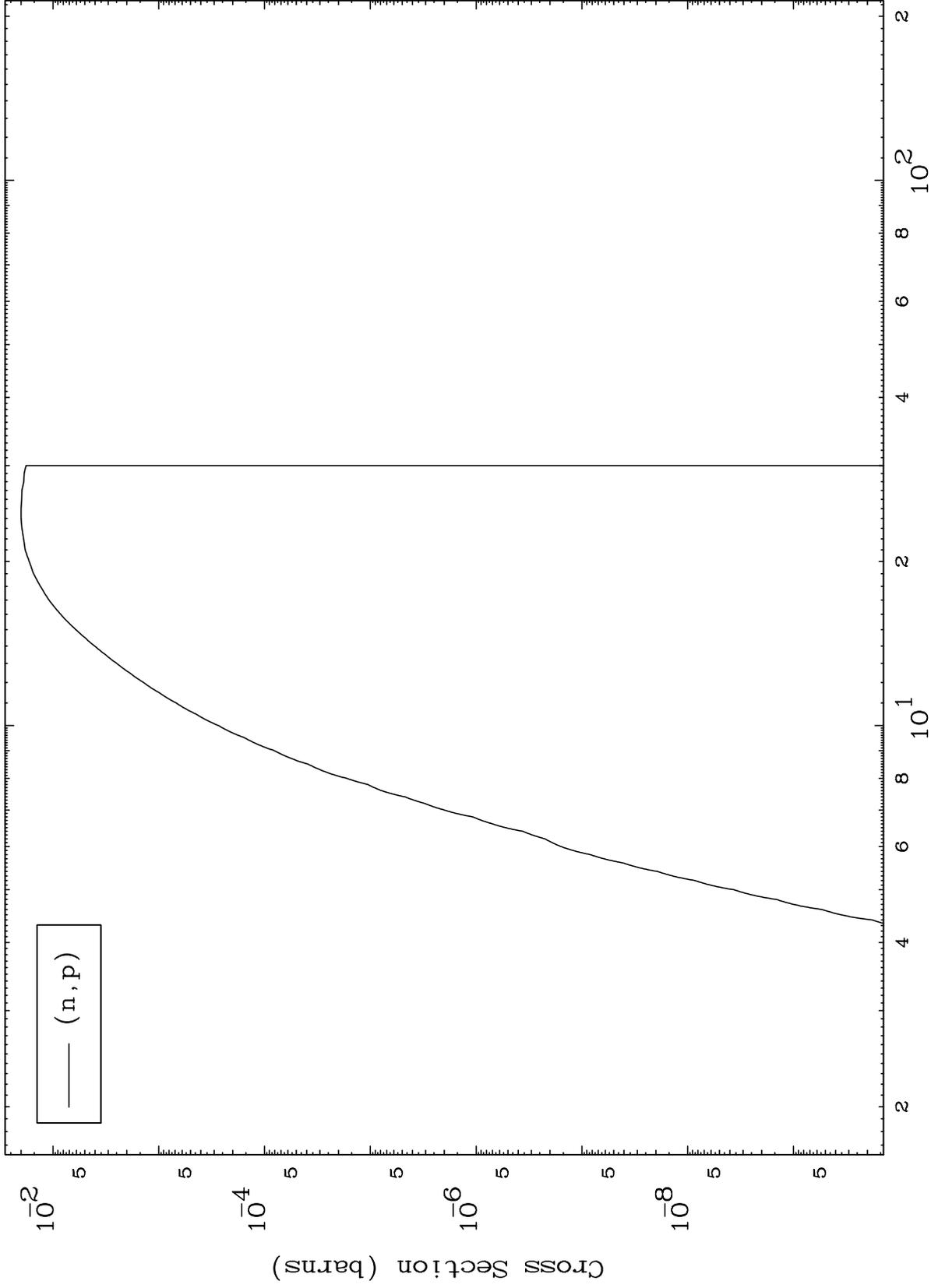
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64-Gd-159

MAT 6446

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-159



10

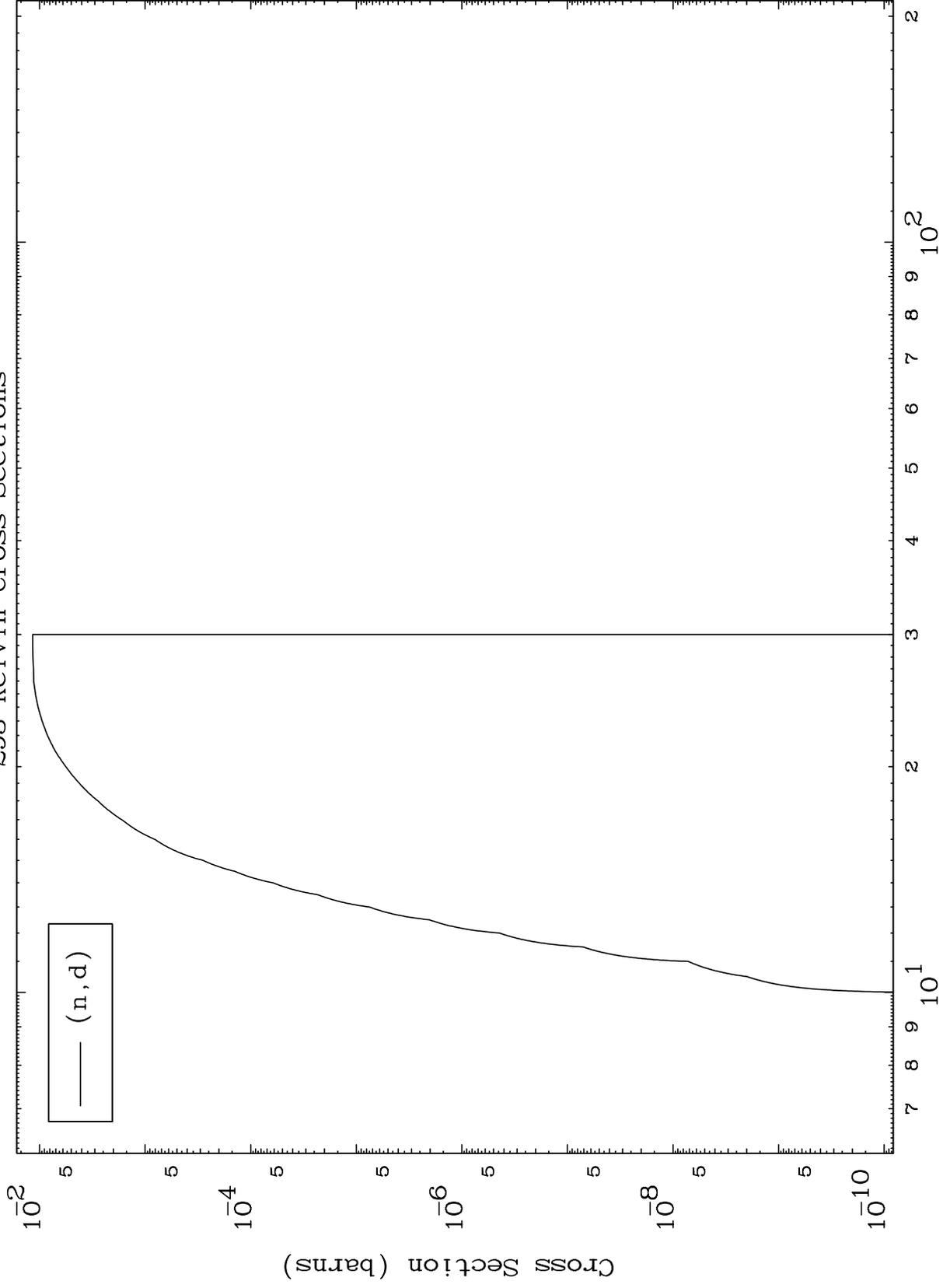
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64-Gd-159

MAT 6446

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-159



11

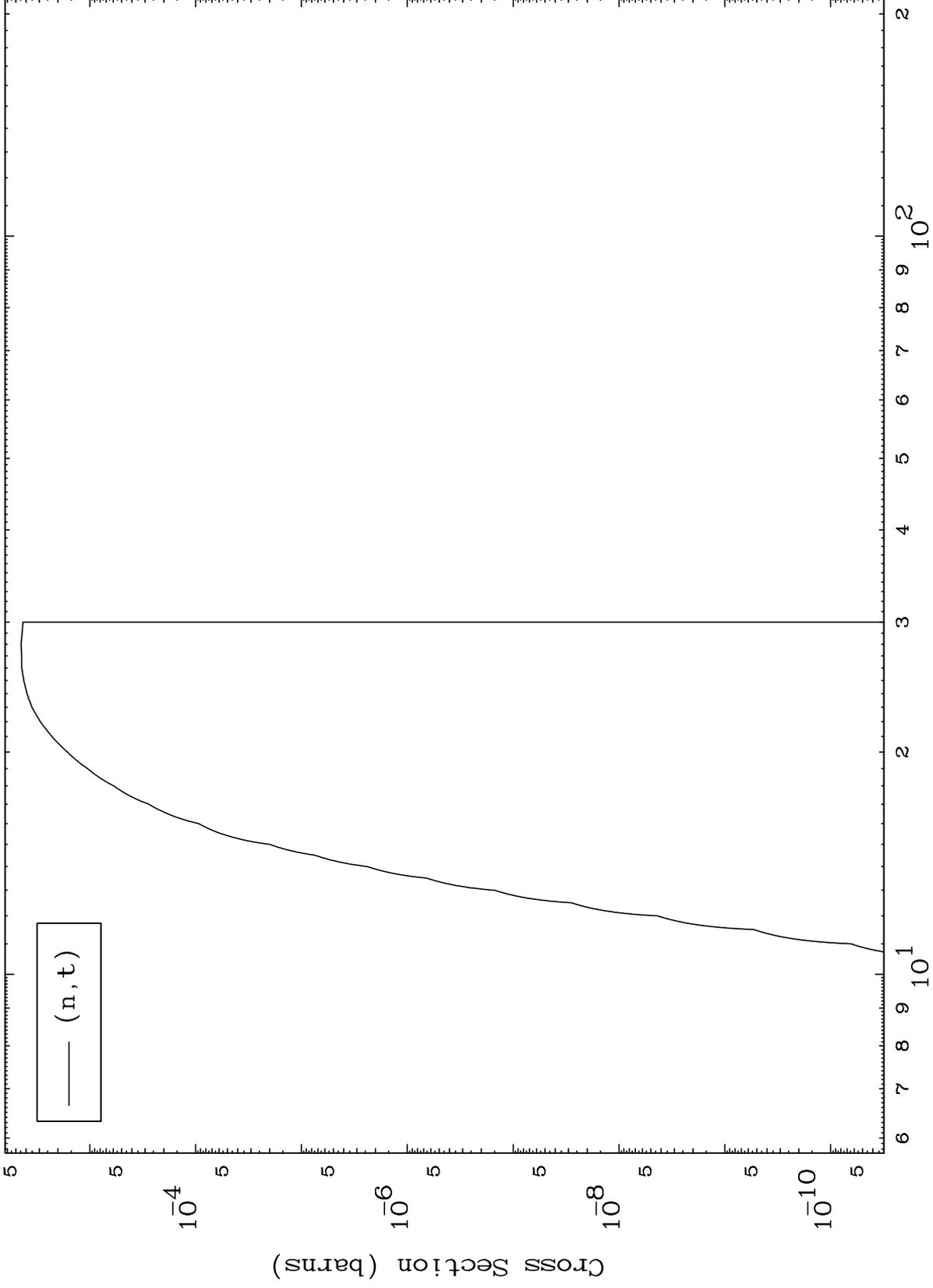
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64-Gd-159

MAT 6446

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-159



12

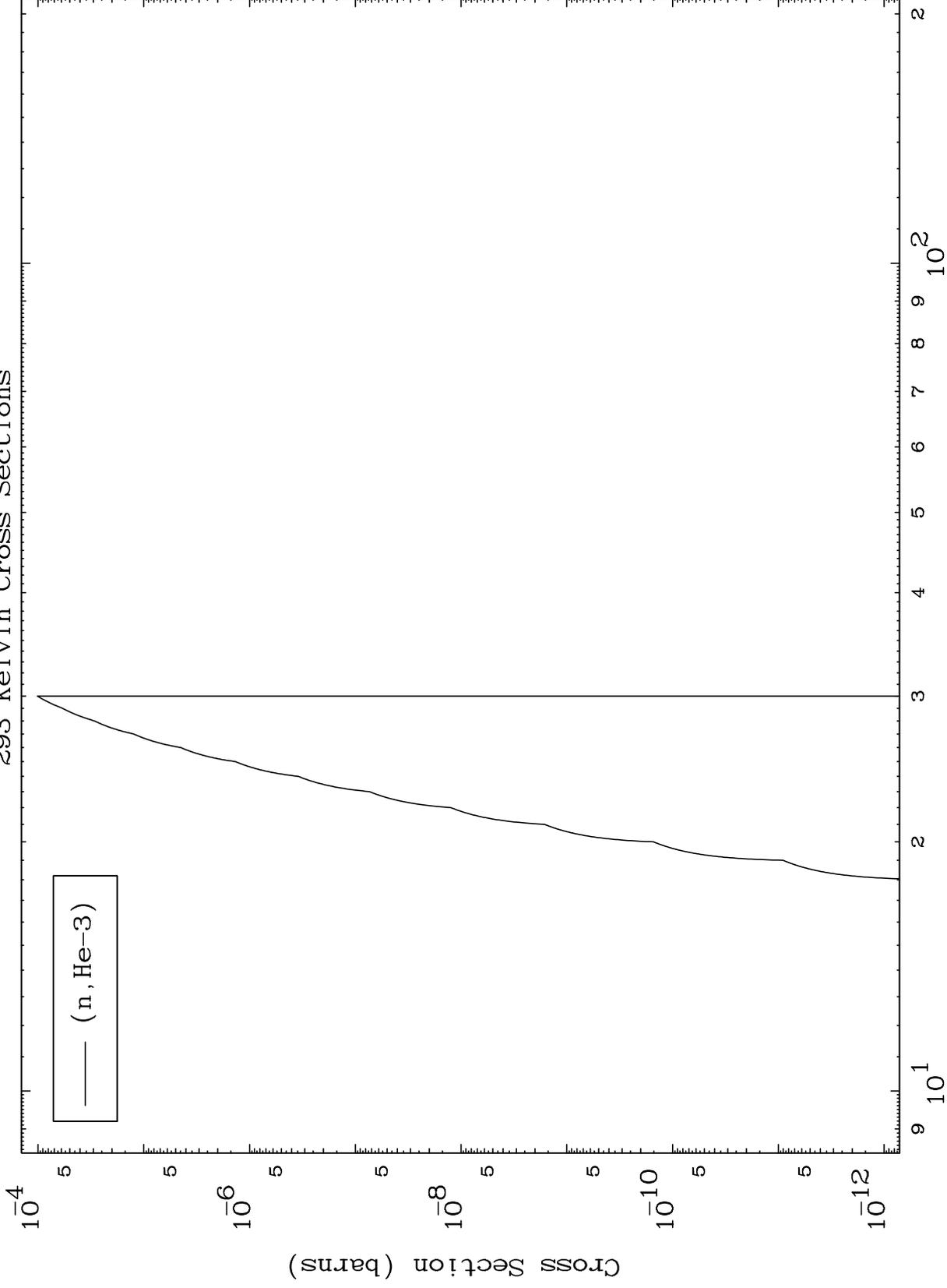
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64-Gd-159

MAT 6446

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-159



13

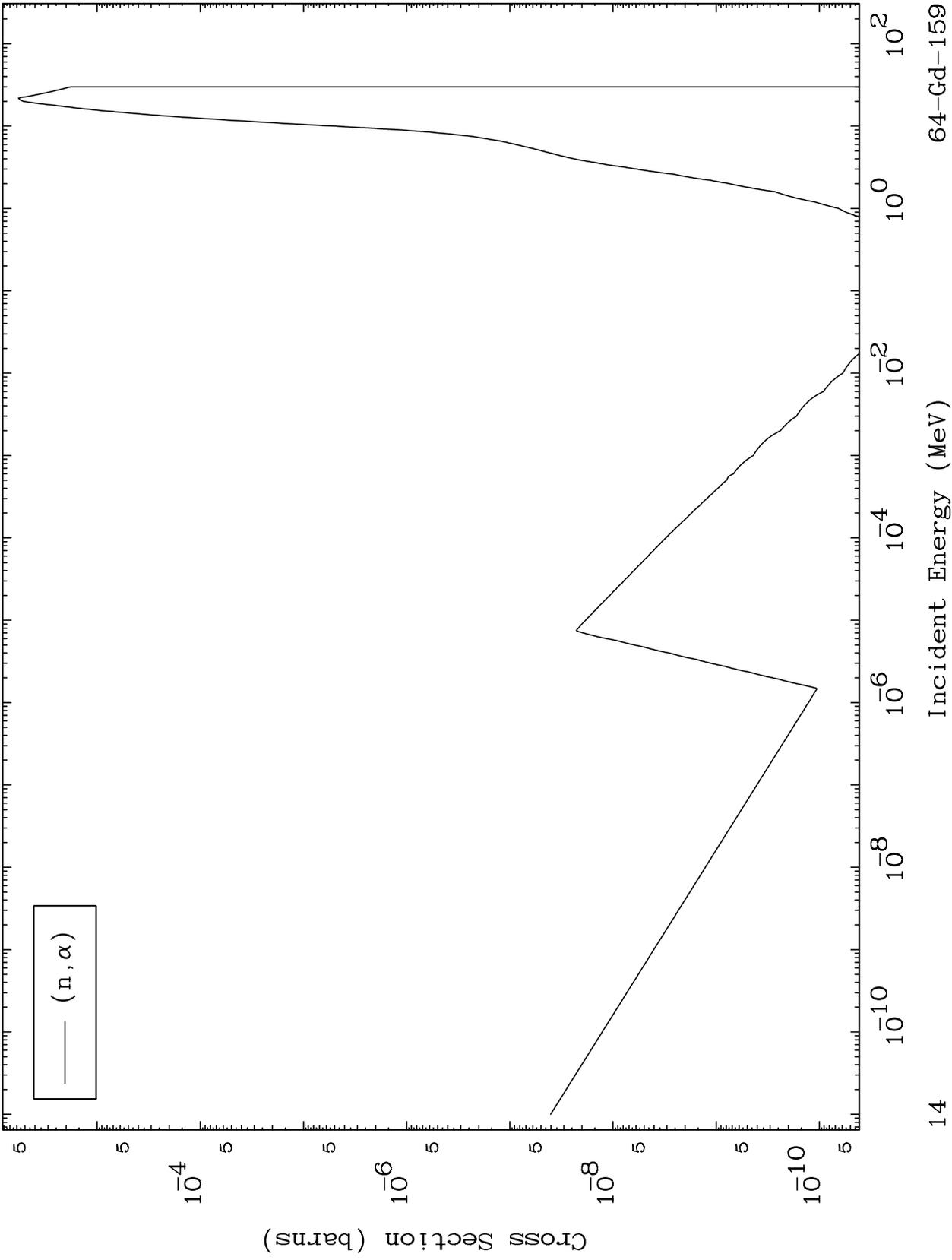
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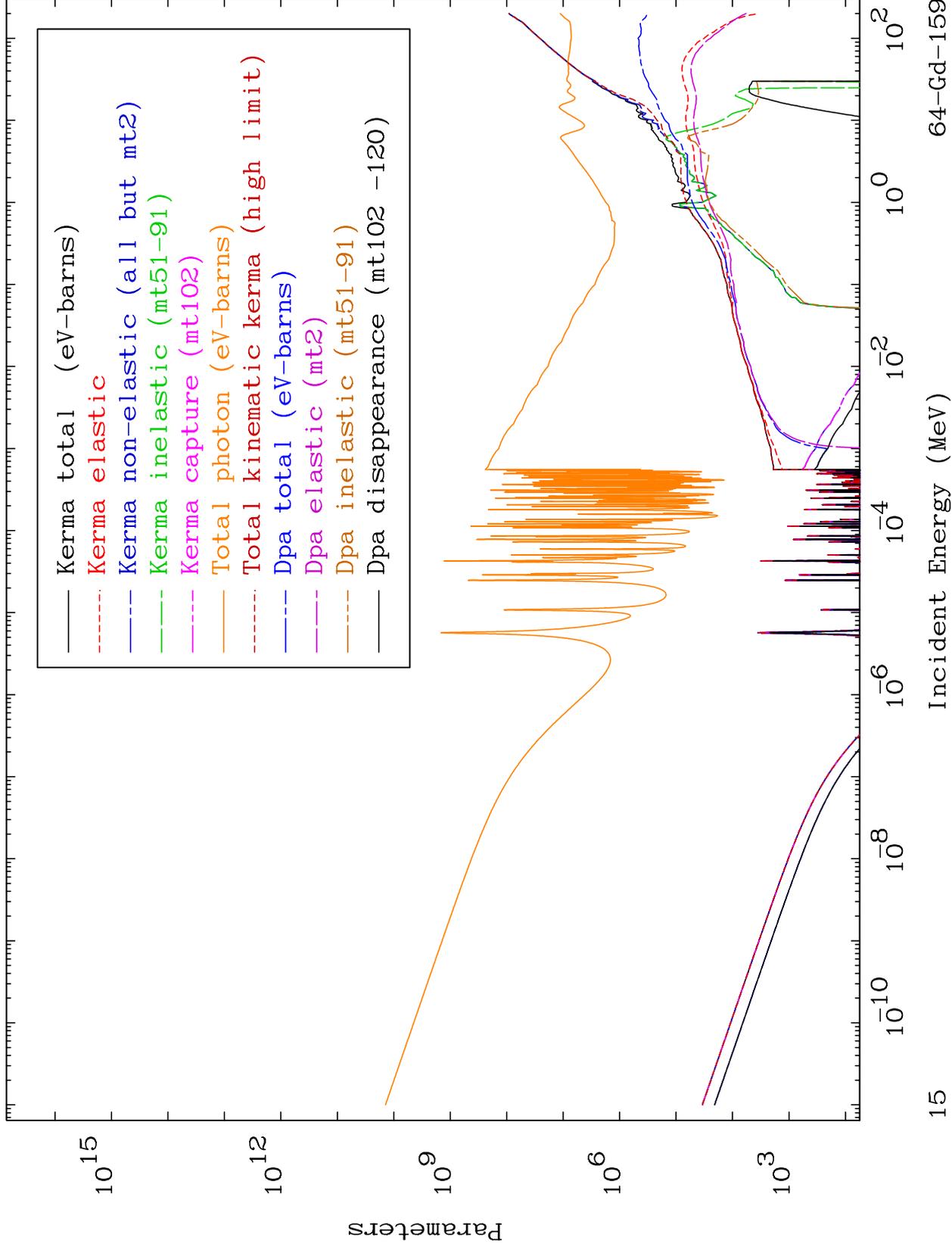
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MAT 6446

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-159

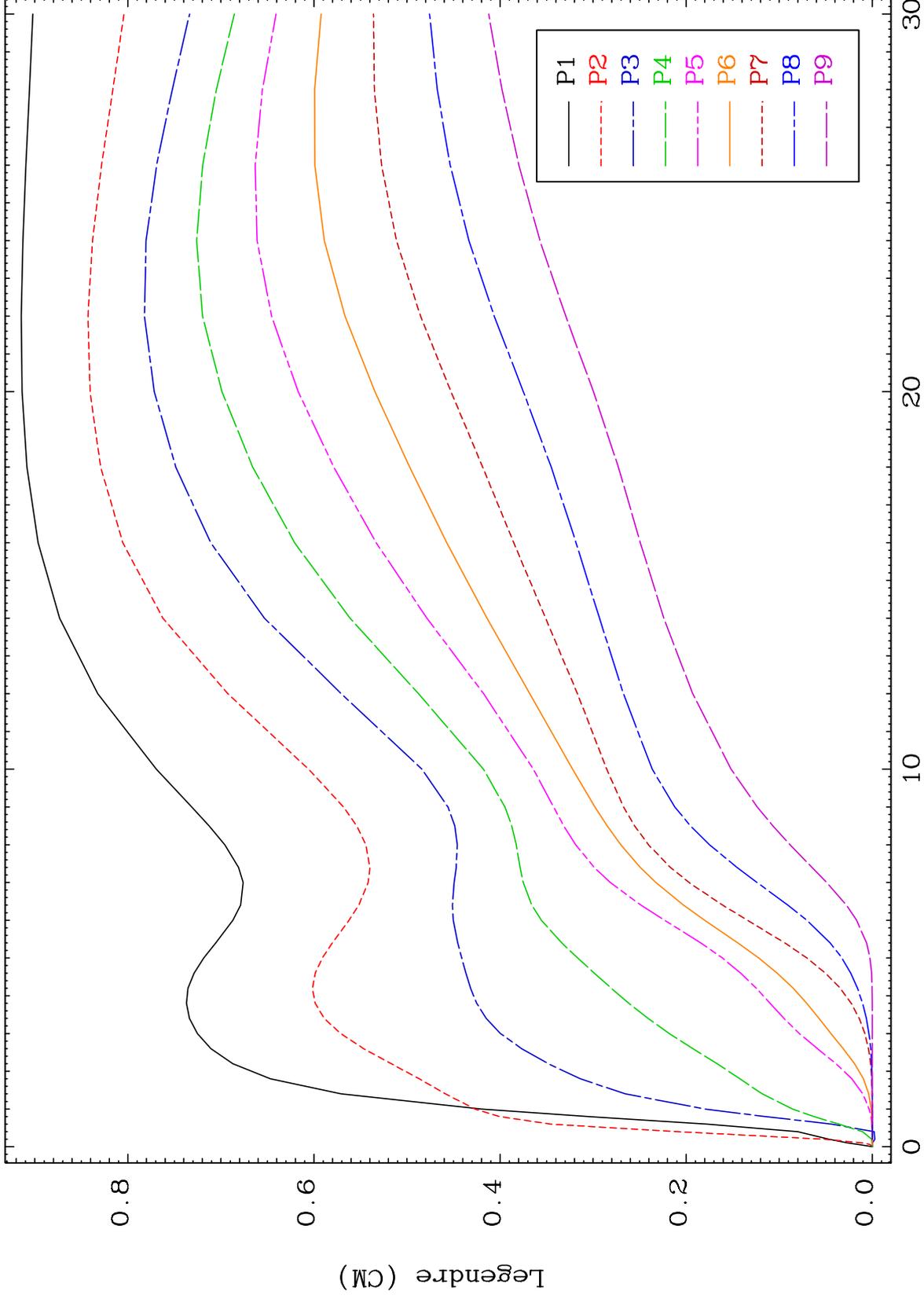




MAT 6446

Elastic Legendre Coefficients

64-Gd-159



16

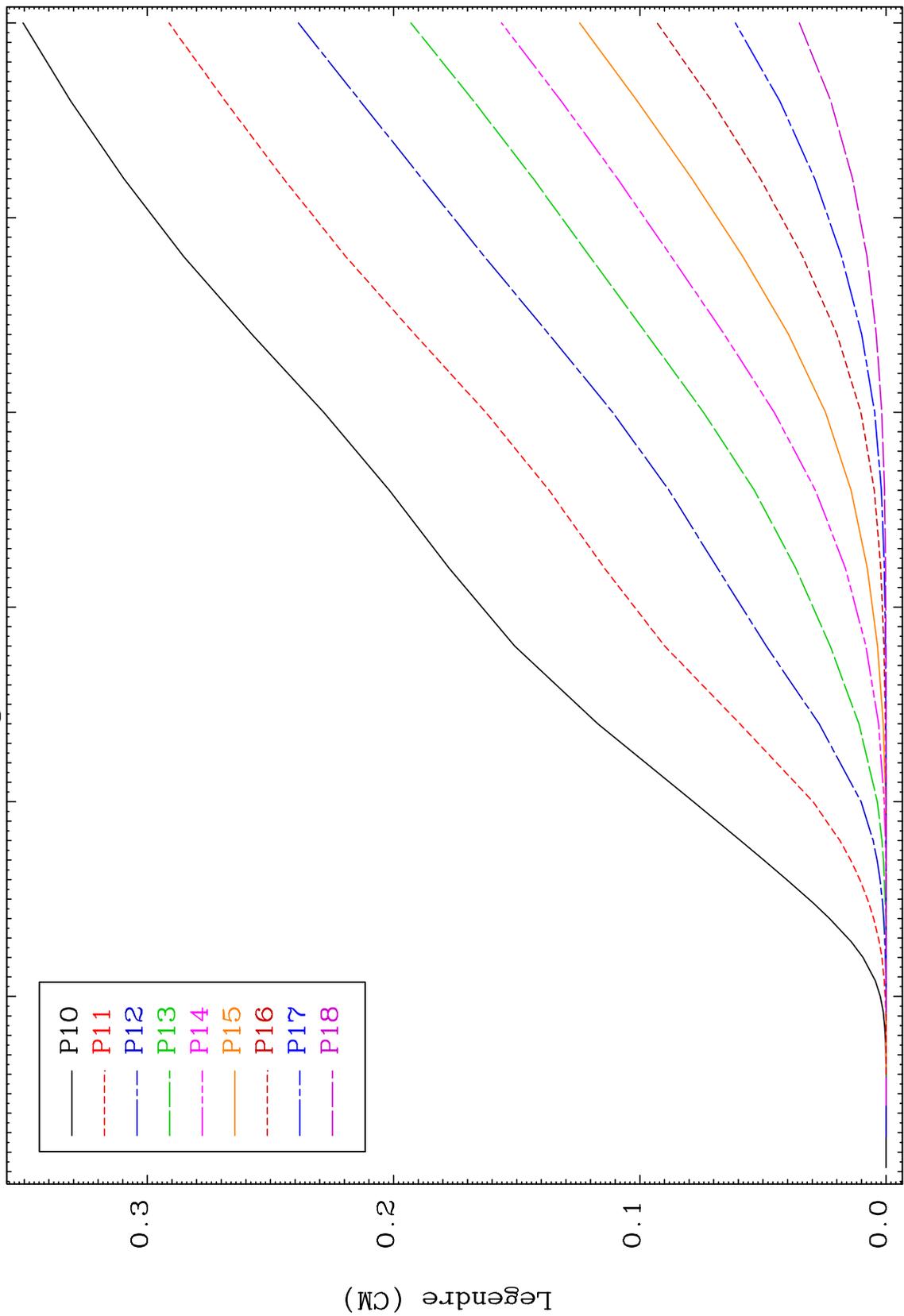
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic
Legendre Coefficients

64-Gd-159



17

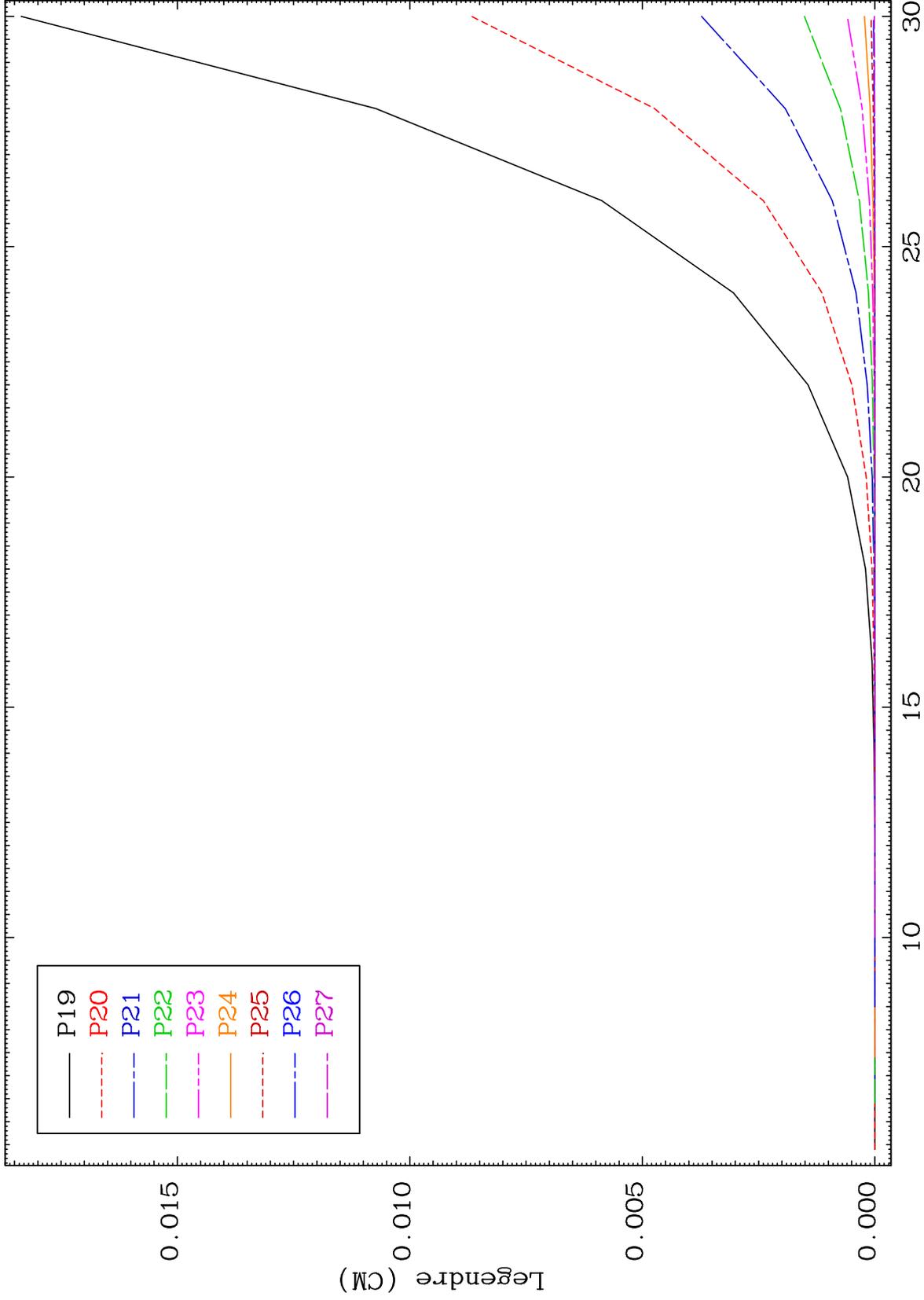
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



18

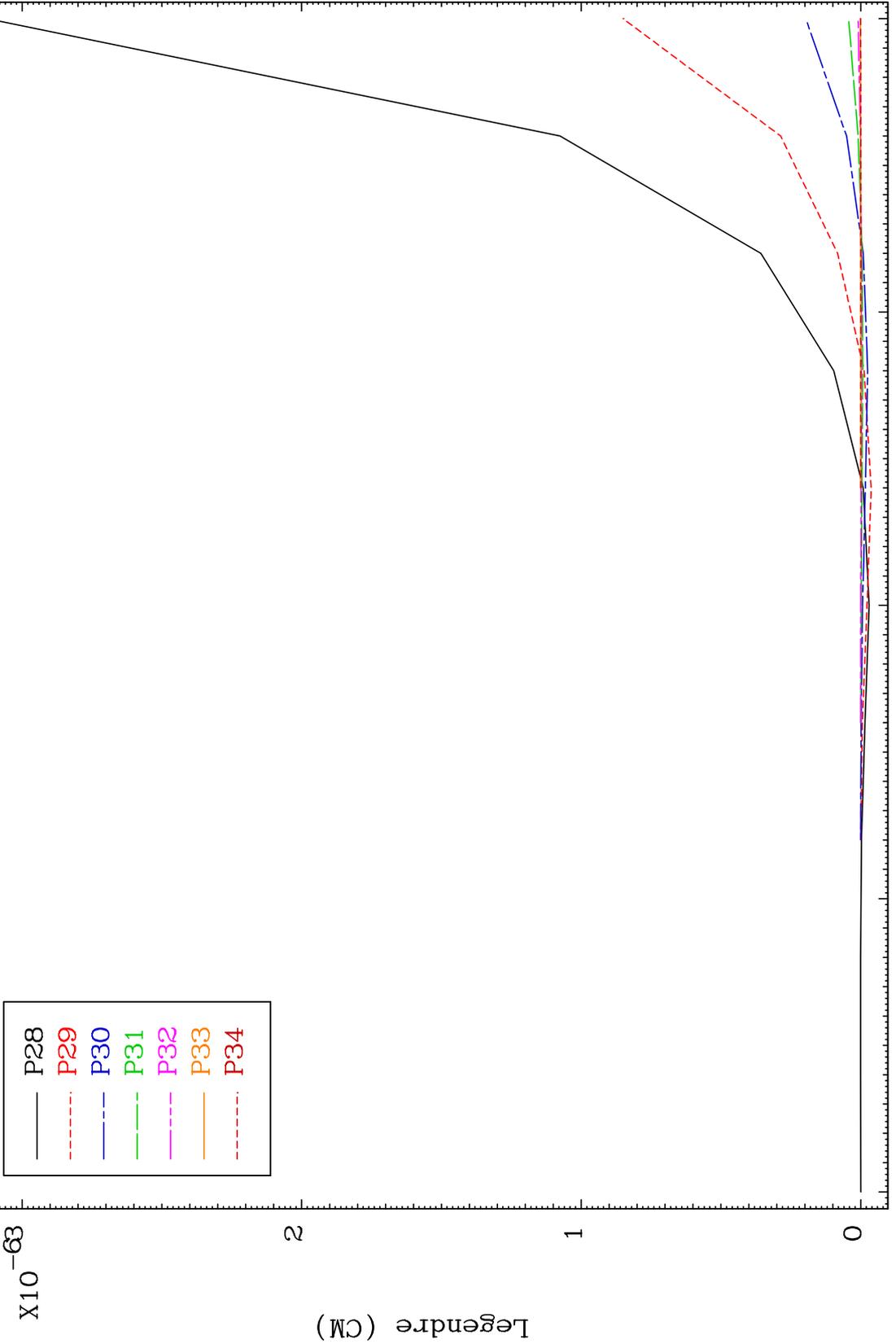
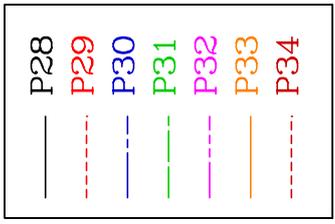
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic
Legendre Coefficients

64-Gd-159



10

15

20

25

30

Incident Energy (MeV)

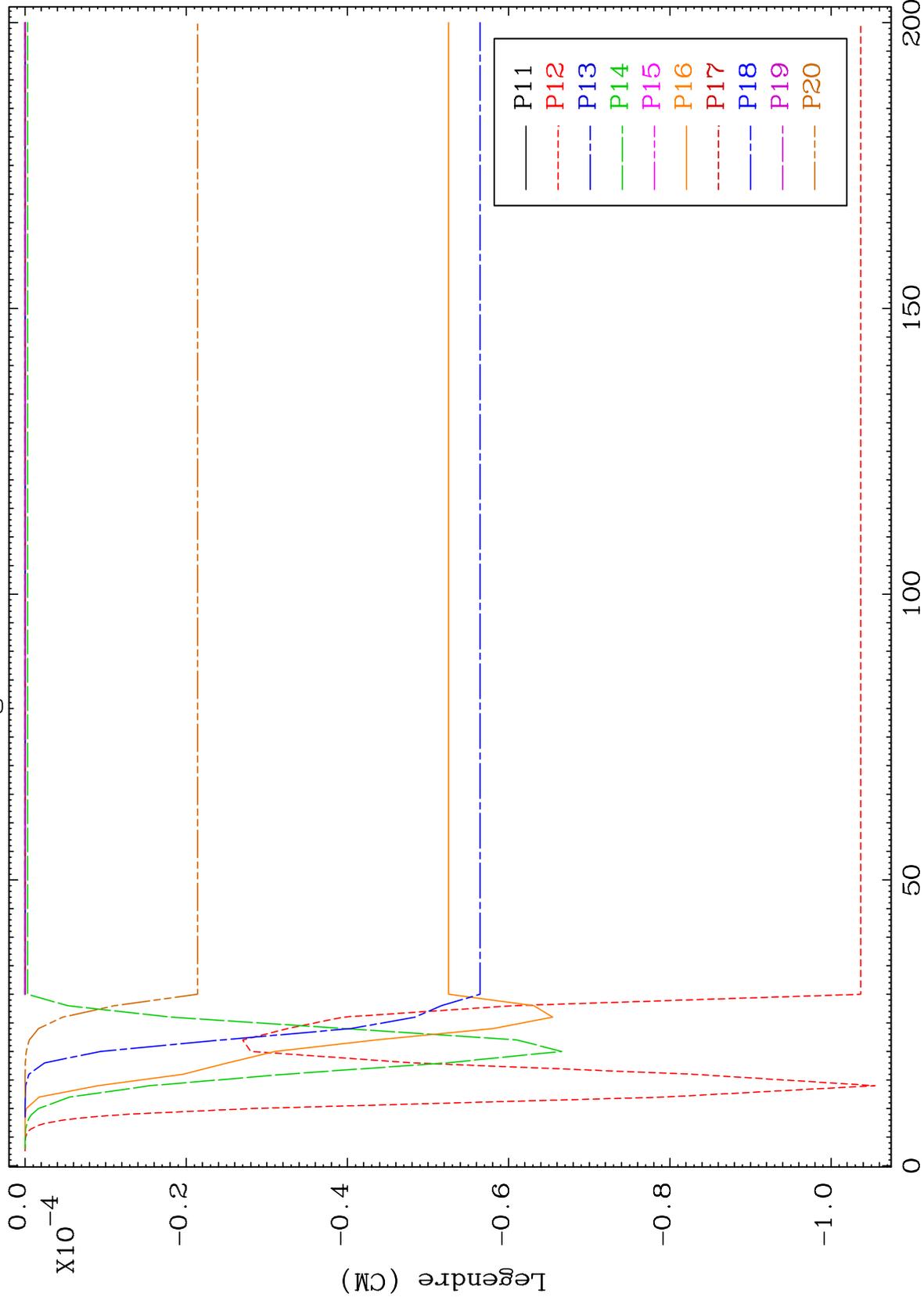
64-Gd-159

MAT 6446

MT= 51 (n,n') Level

64-Gd-159

Legendre Coefficients



64-Gd-159

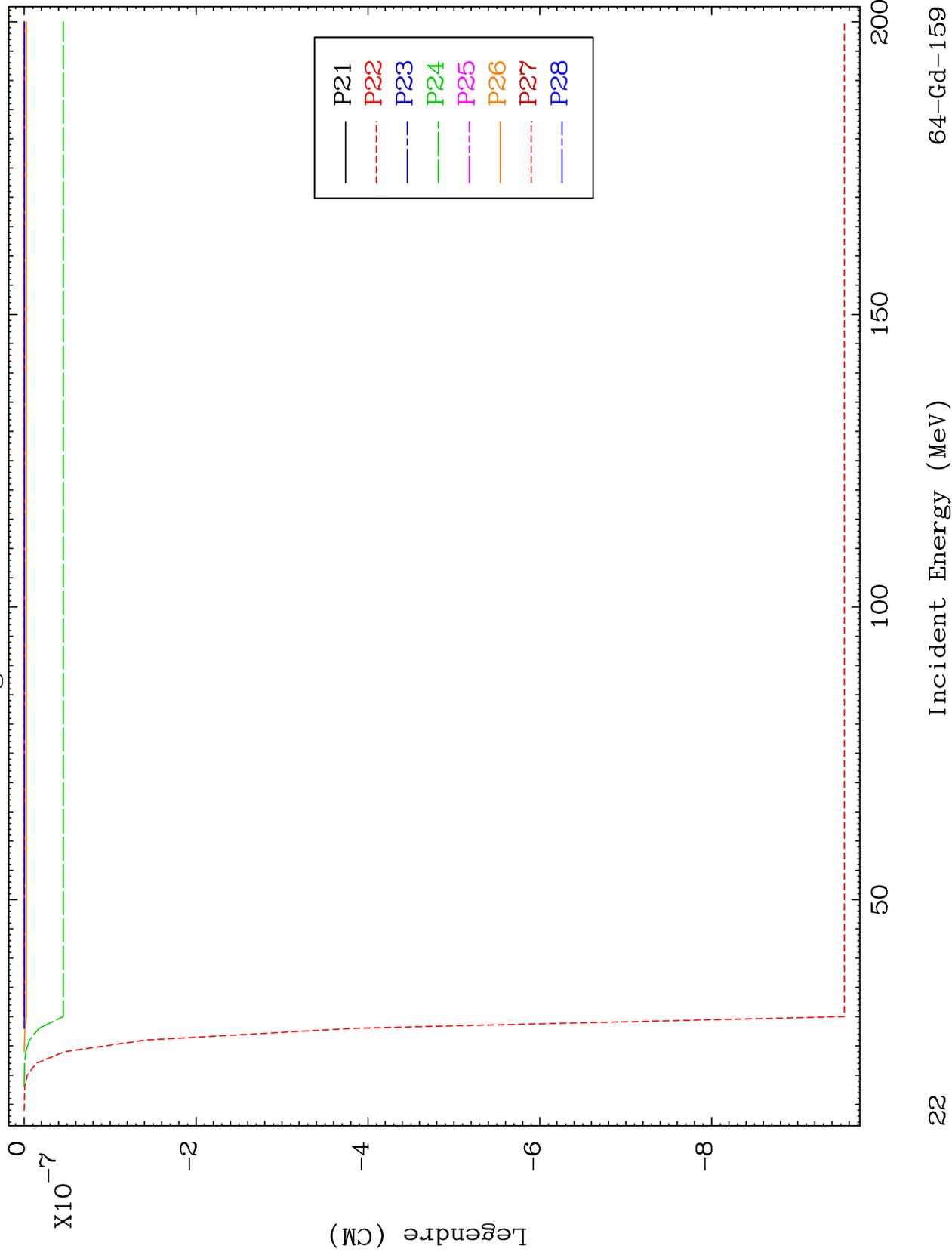
Incident Energy (MeV)

21

MAT 6446

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

64-Gd-159



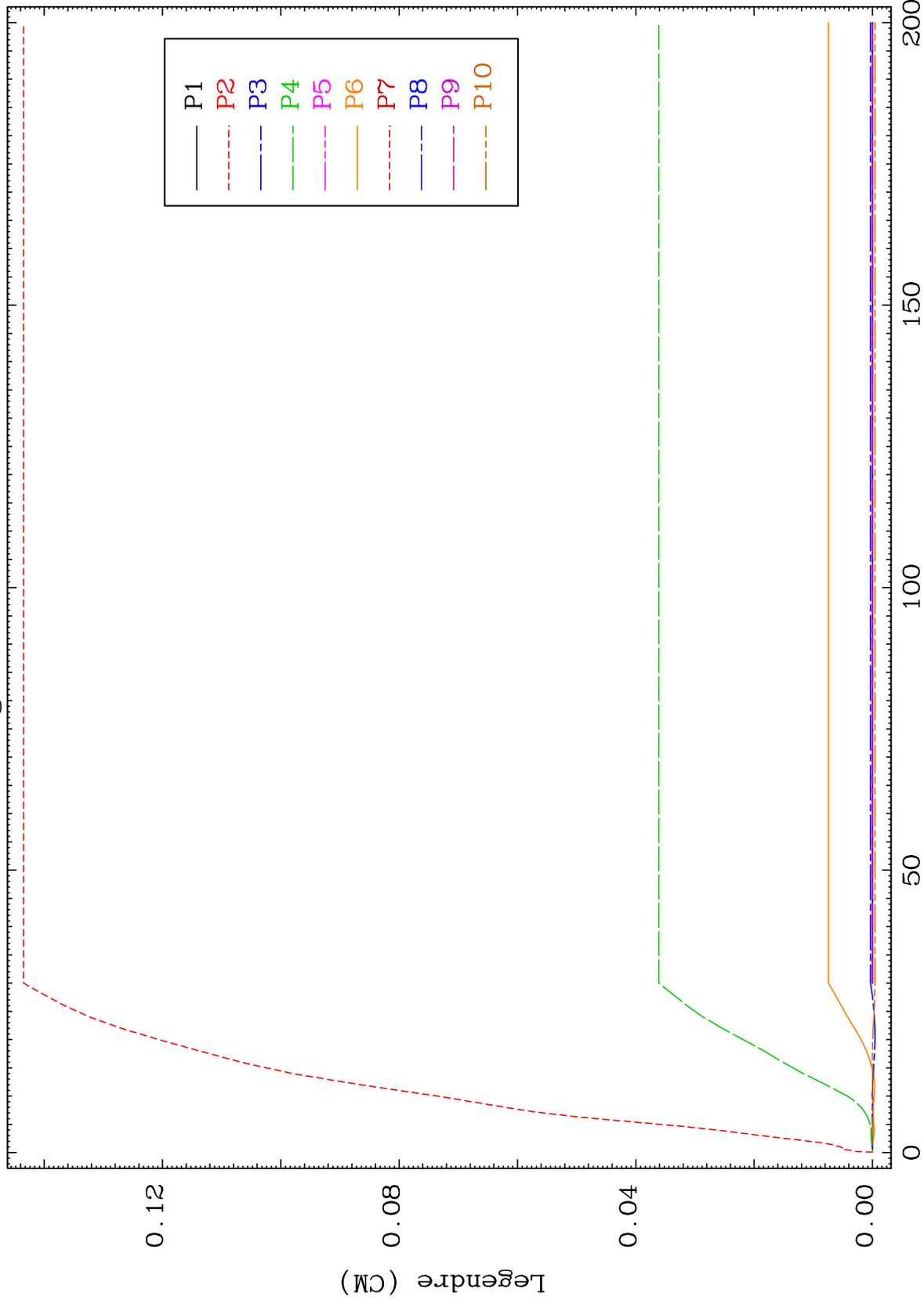
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64-Gd-159

MAT 6446

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

64-Gd-159



23

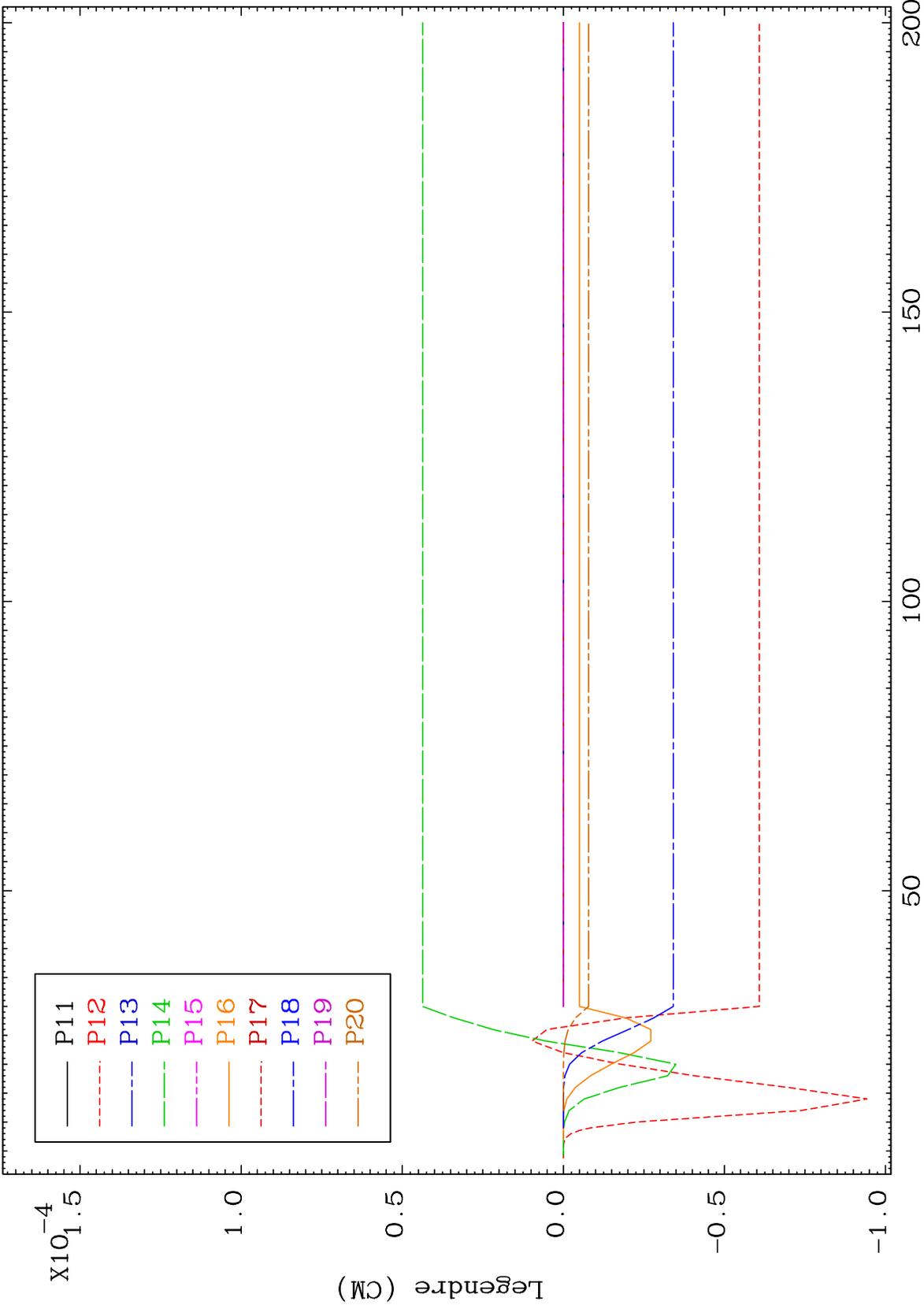
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

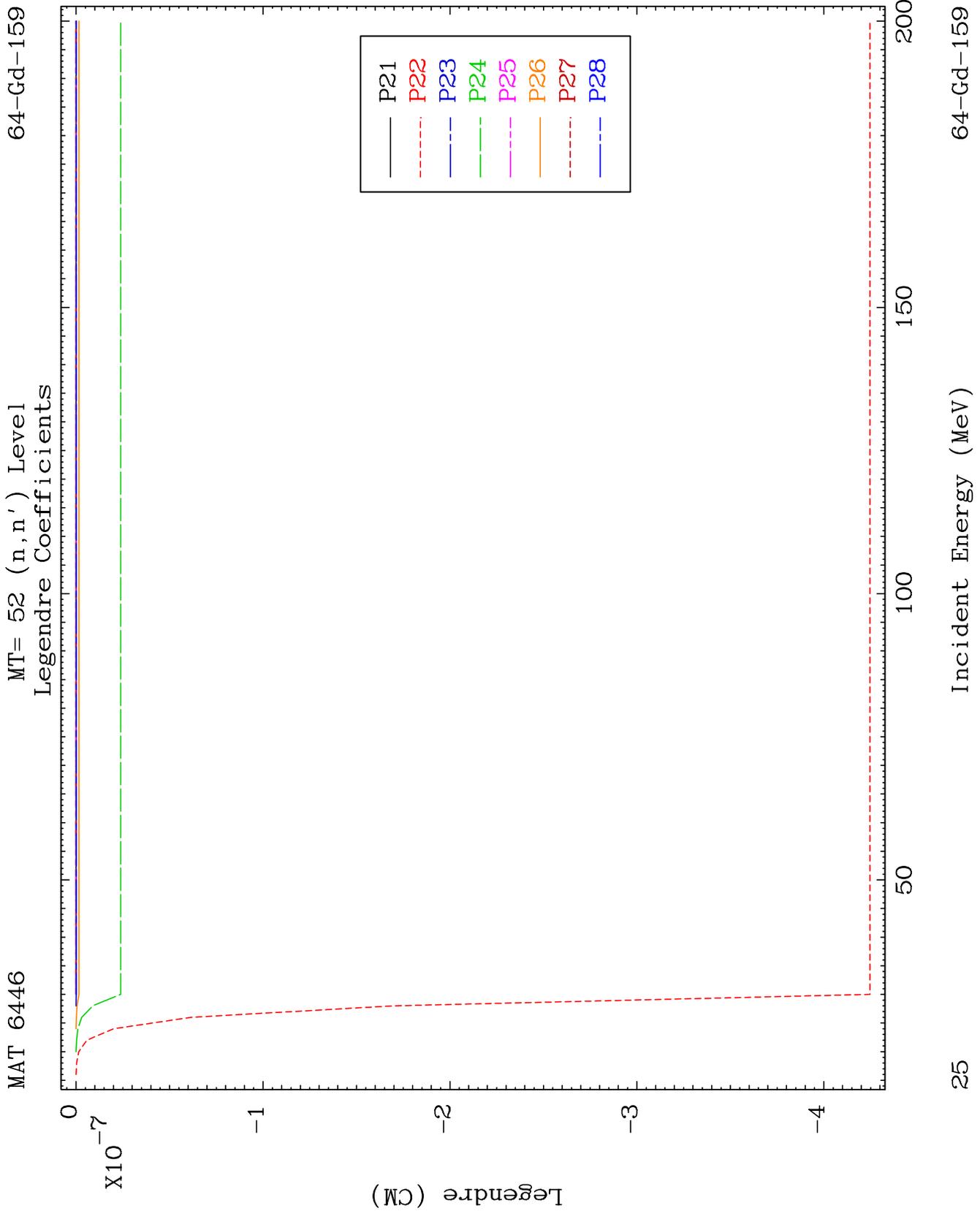
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24

Incident Energy (MeV)

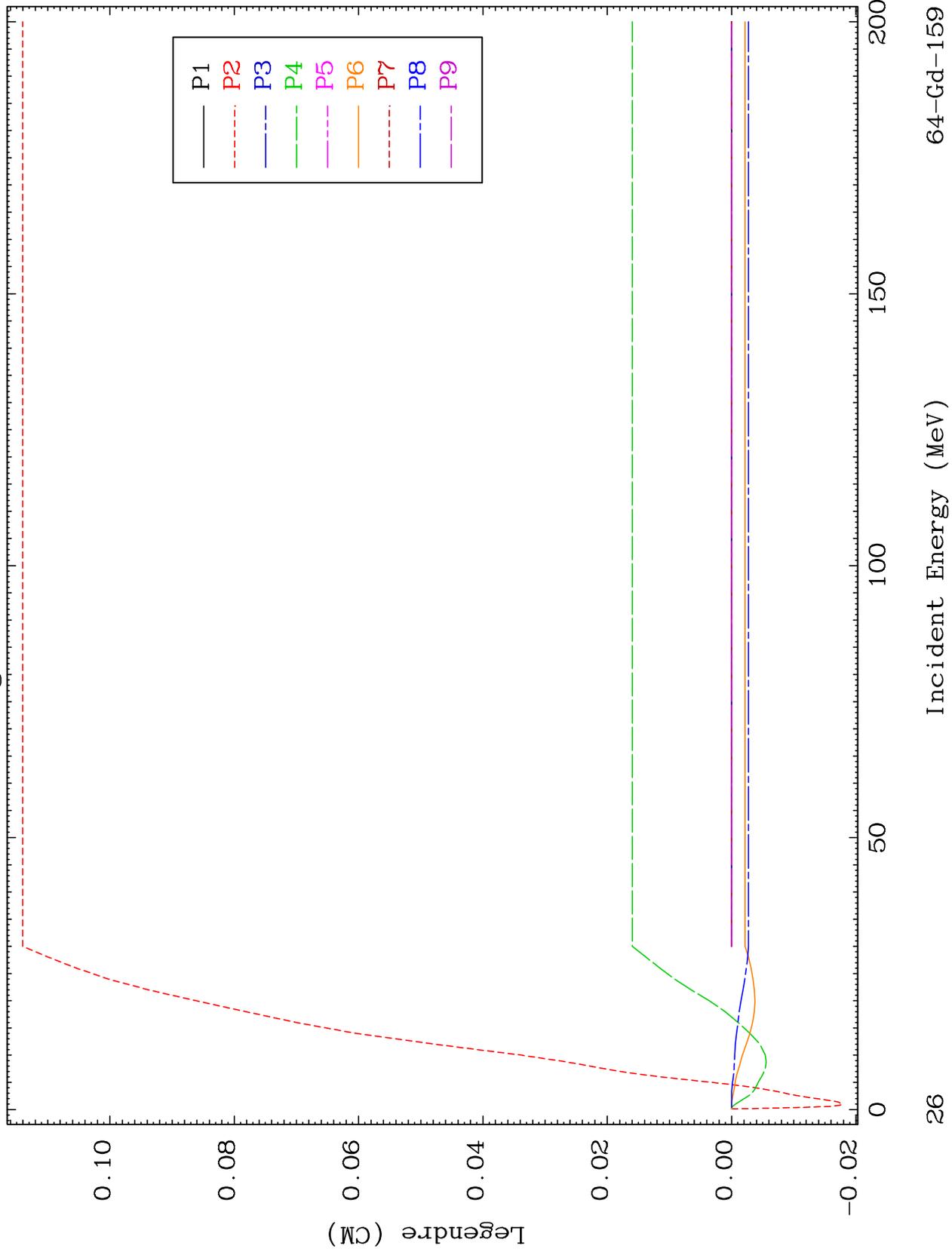
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MAT 6446

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

64-Gd-159



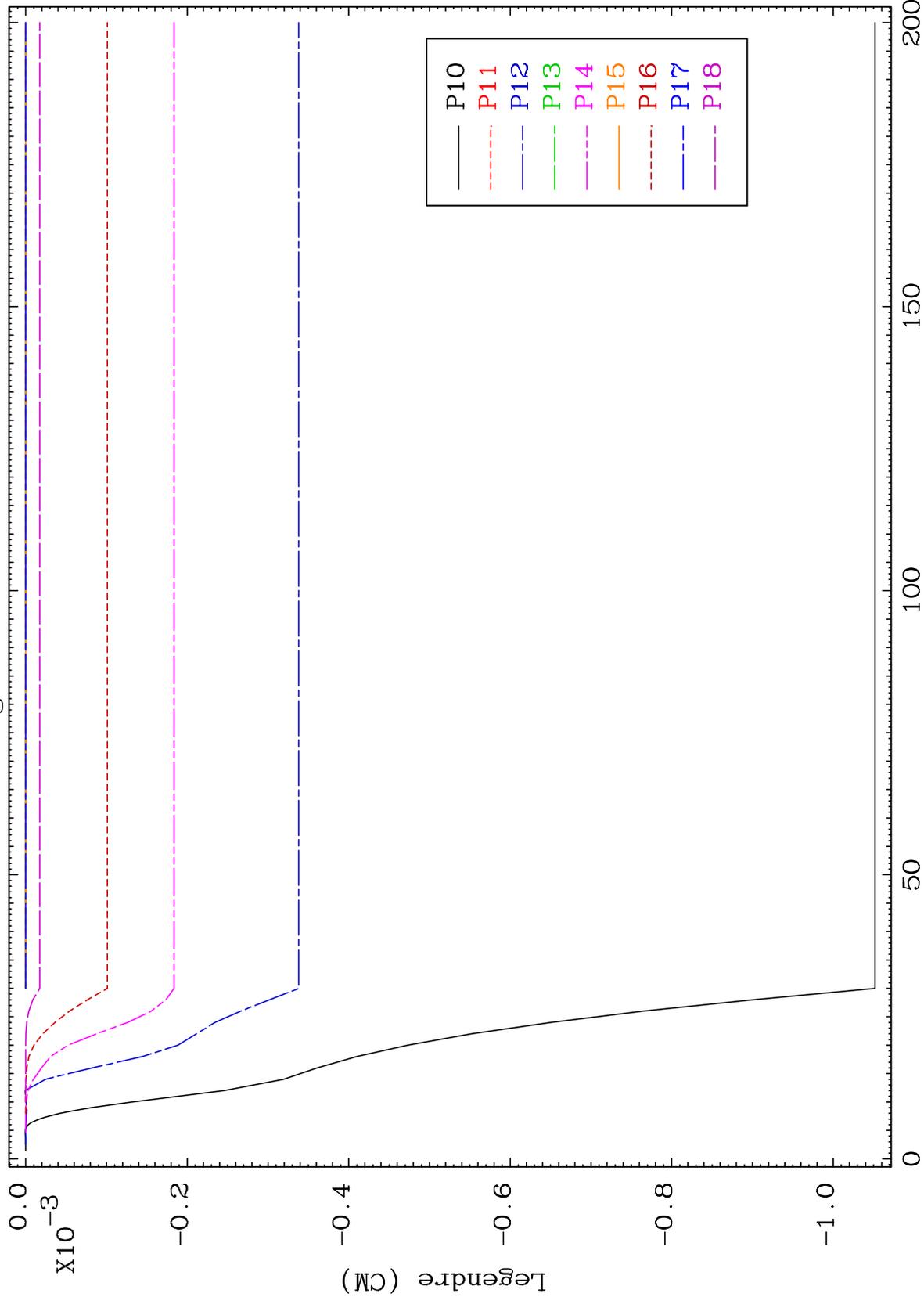
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MAT 6446

MT= 53 (n,n') Level

64-Gd-159

Legendre Coefficients



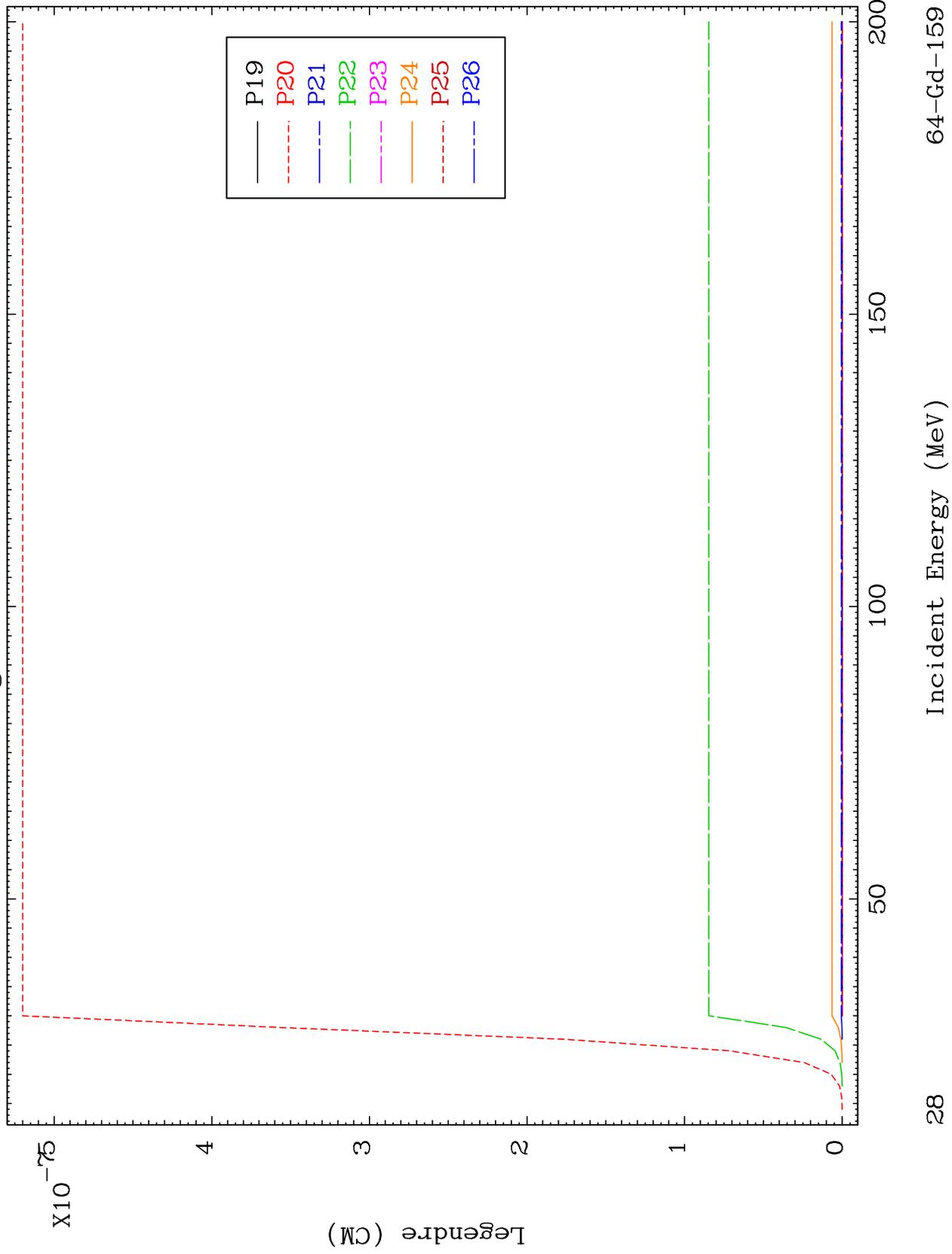
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64-Gd-159

MAT 6446

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

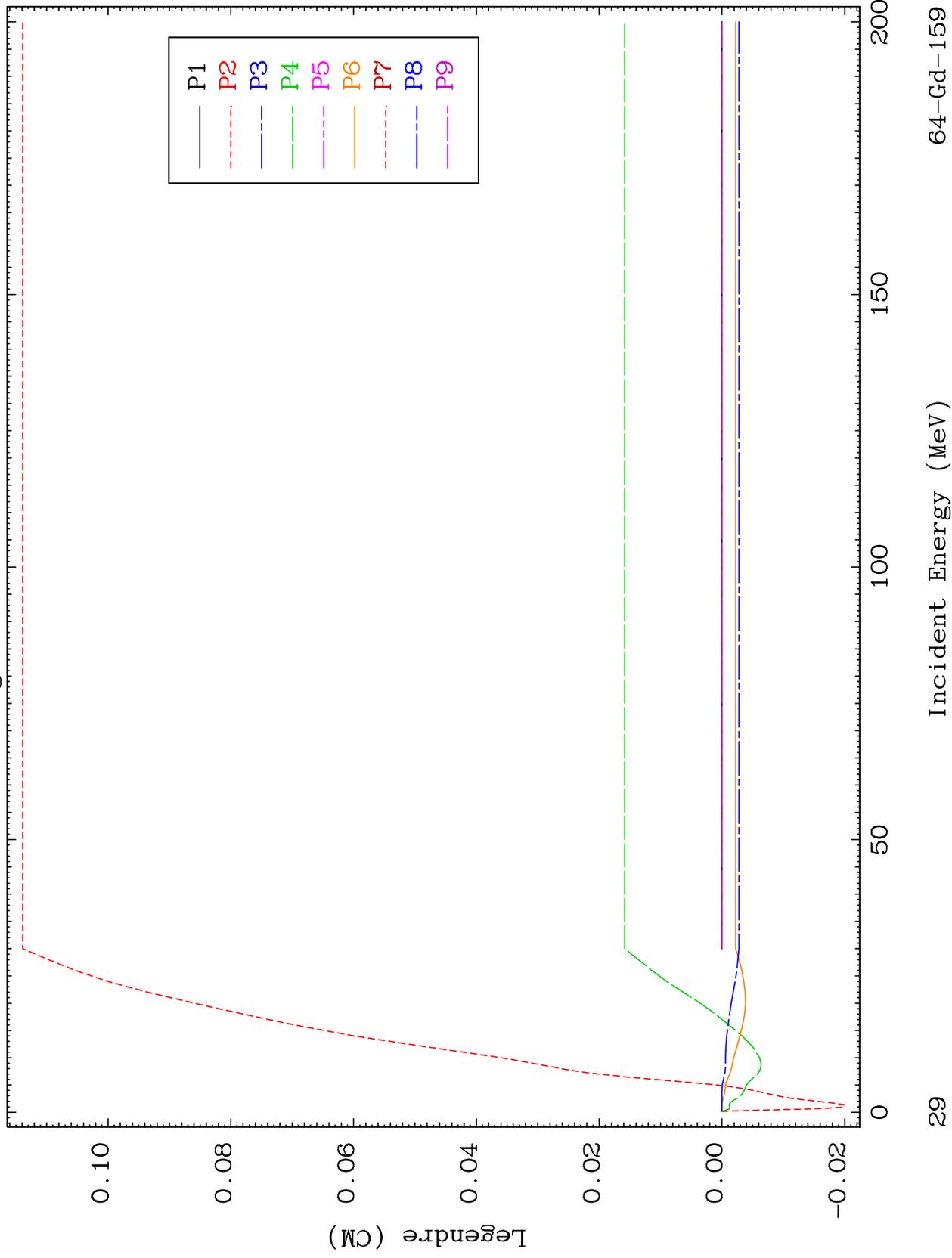
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MAT 6446

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

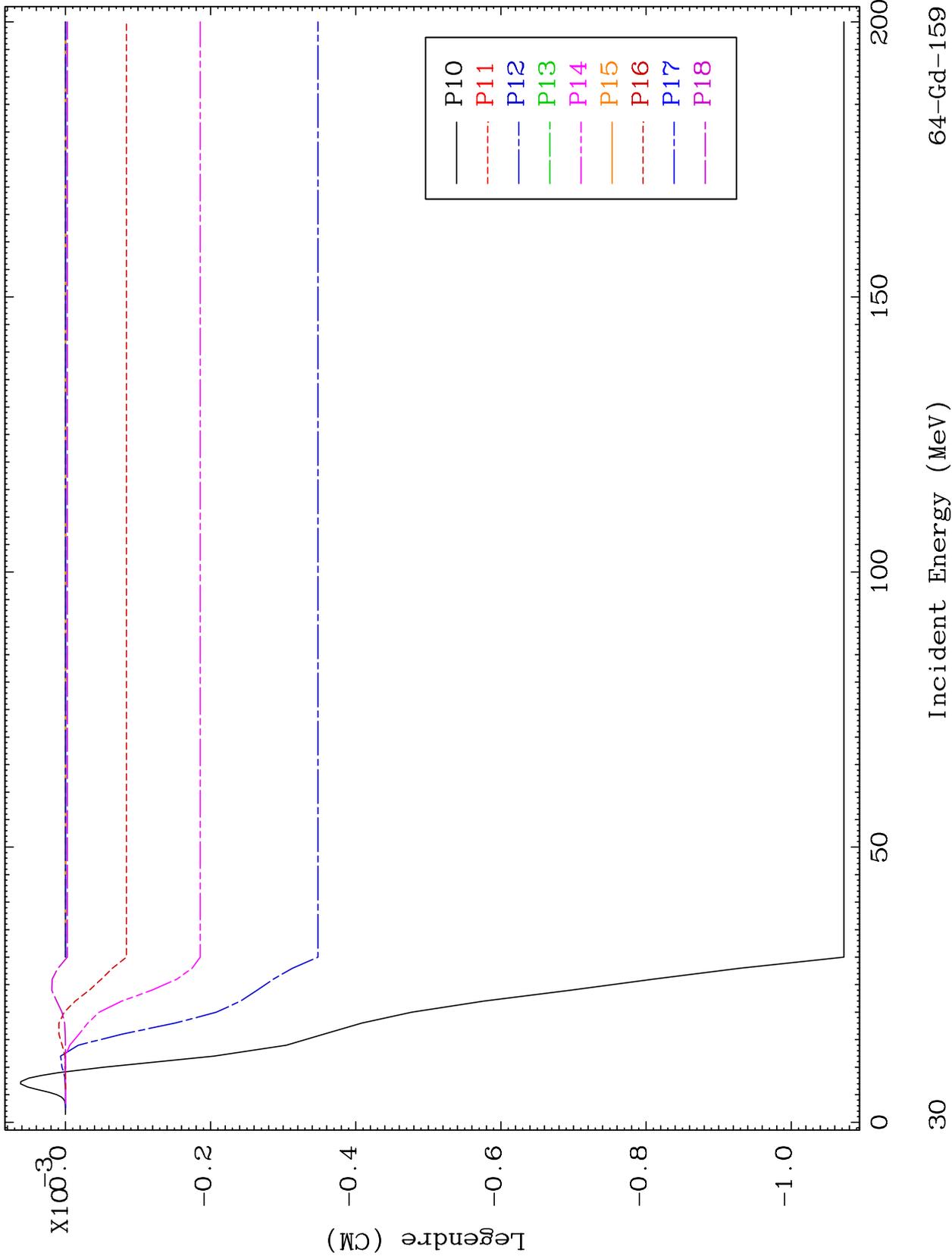
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MAT 6446

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

64-Gd-159



64-Gd-159

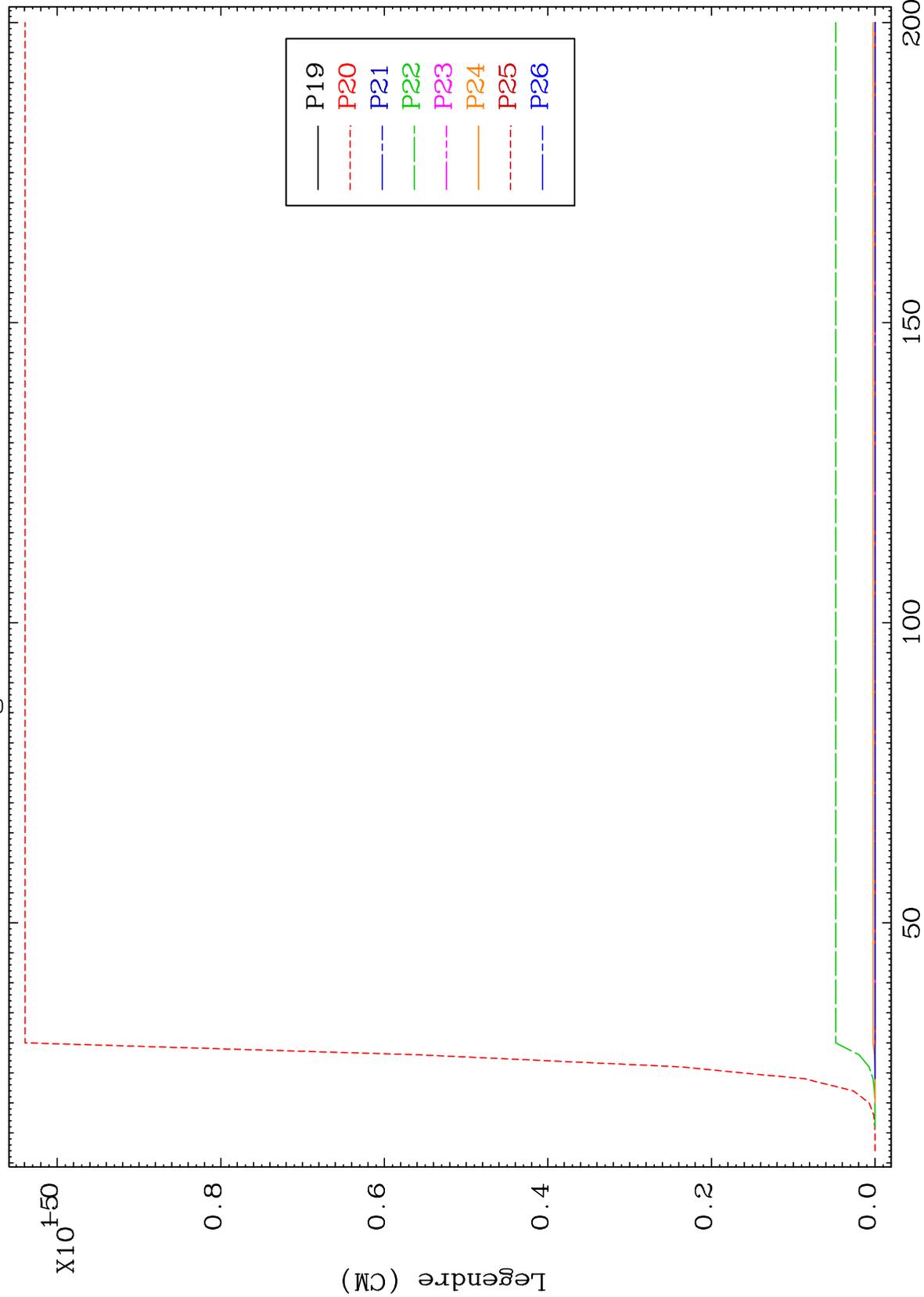
Incident Energy (MeV)

30

MAT 6446

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

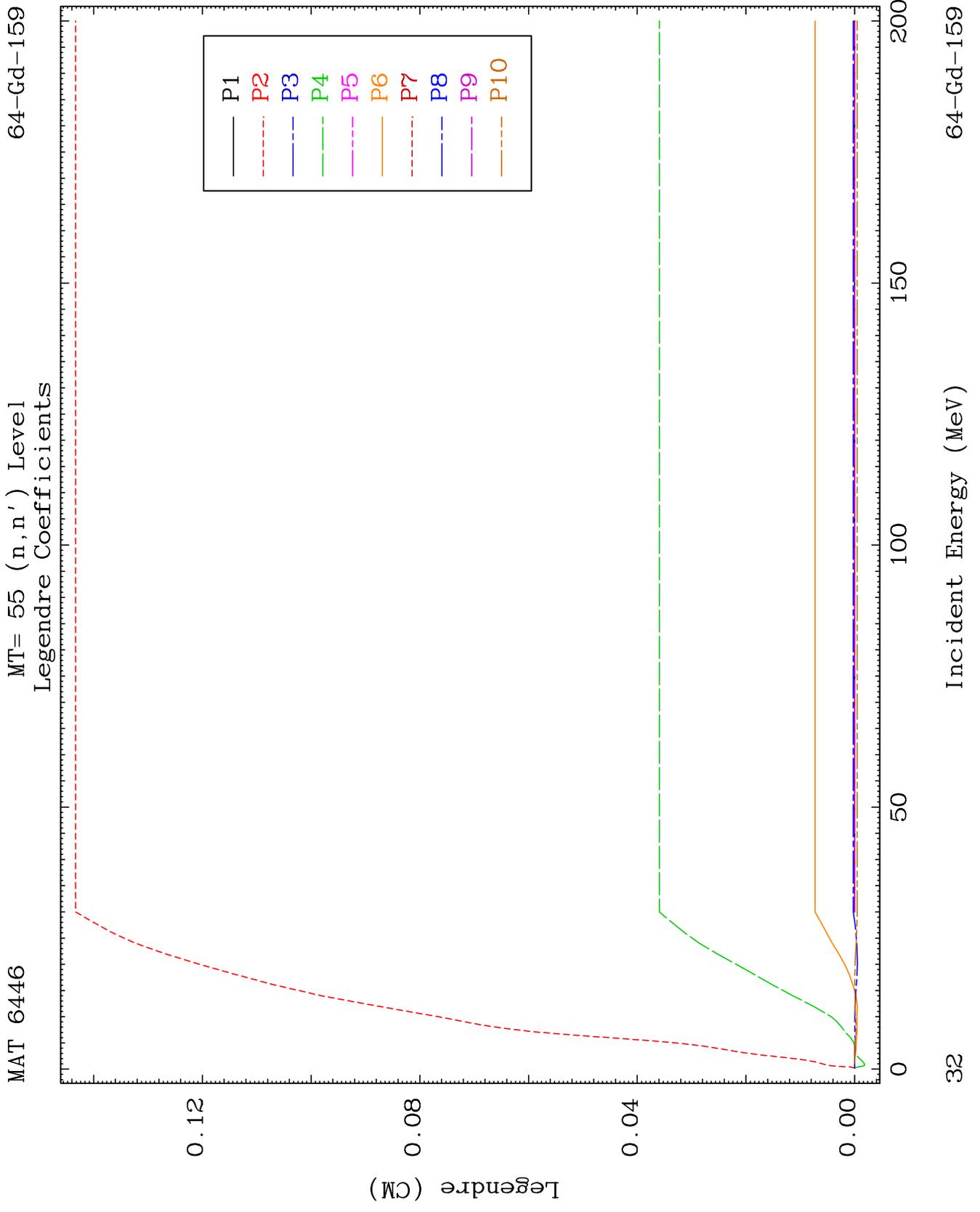
64-Gd-159



64-Gd-159

Incident Energy (MeV)

31

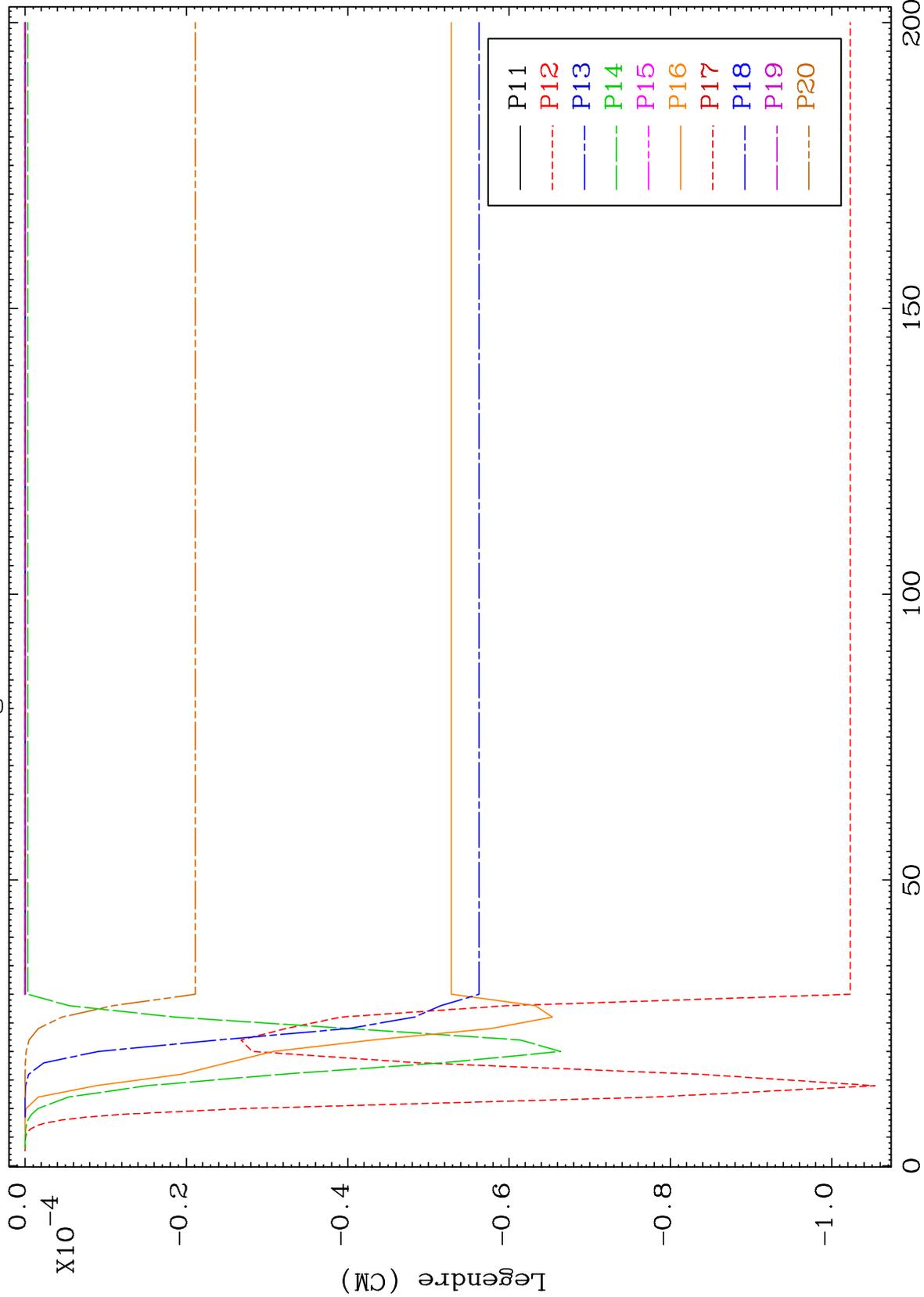


MAT 6446

MT= 55 (n,n') Level

64-Gd-159

Legendre Coefficients



33

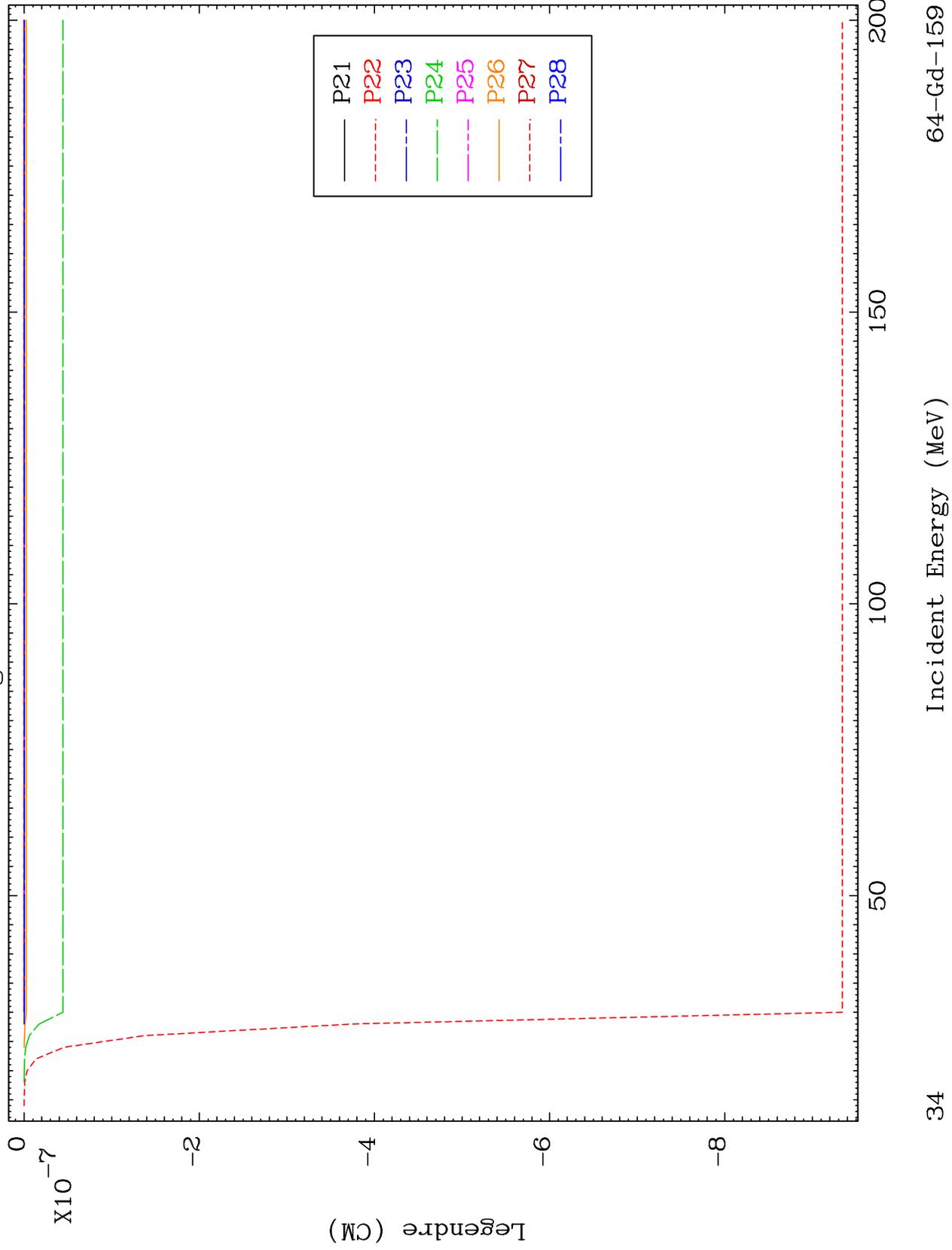
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



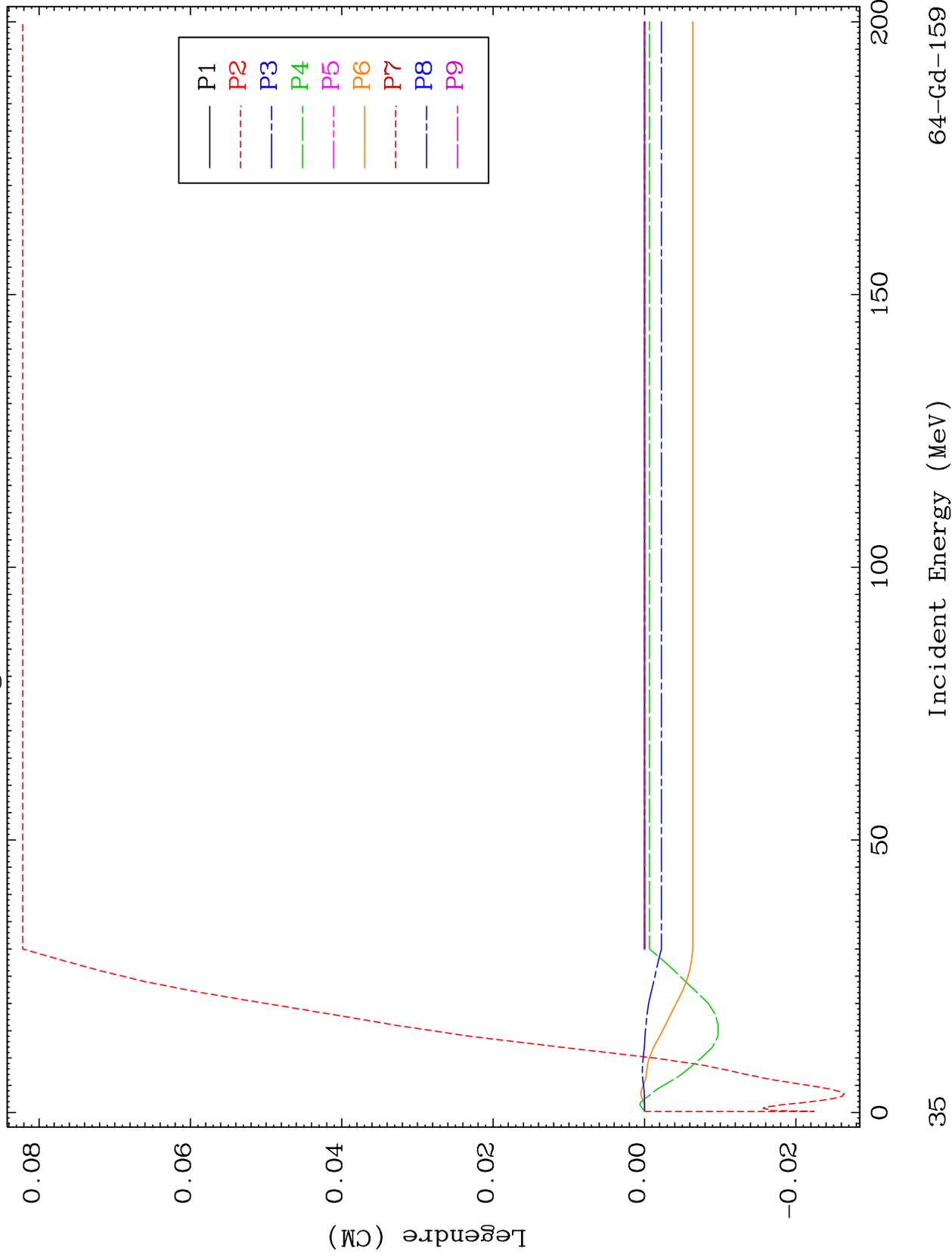
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MAT 6446

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

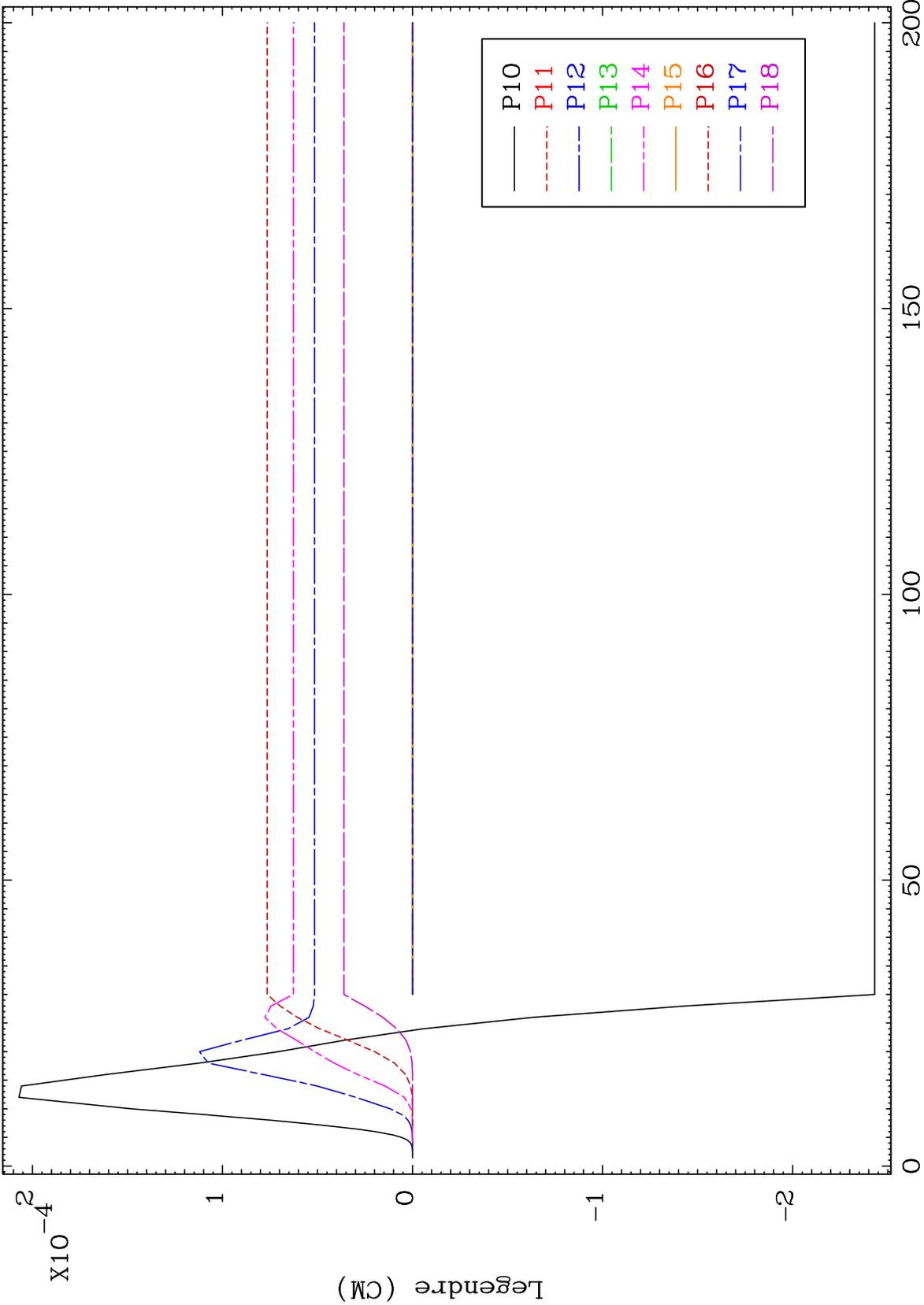
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MAT 6446

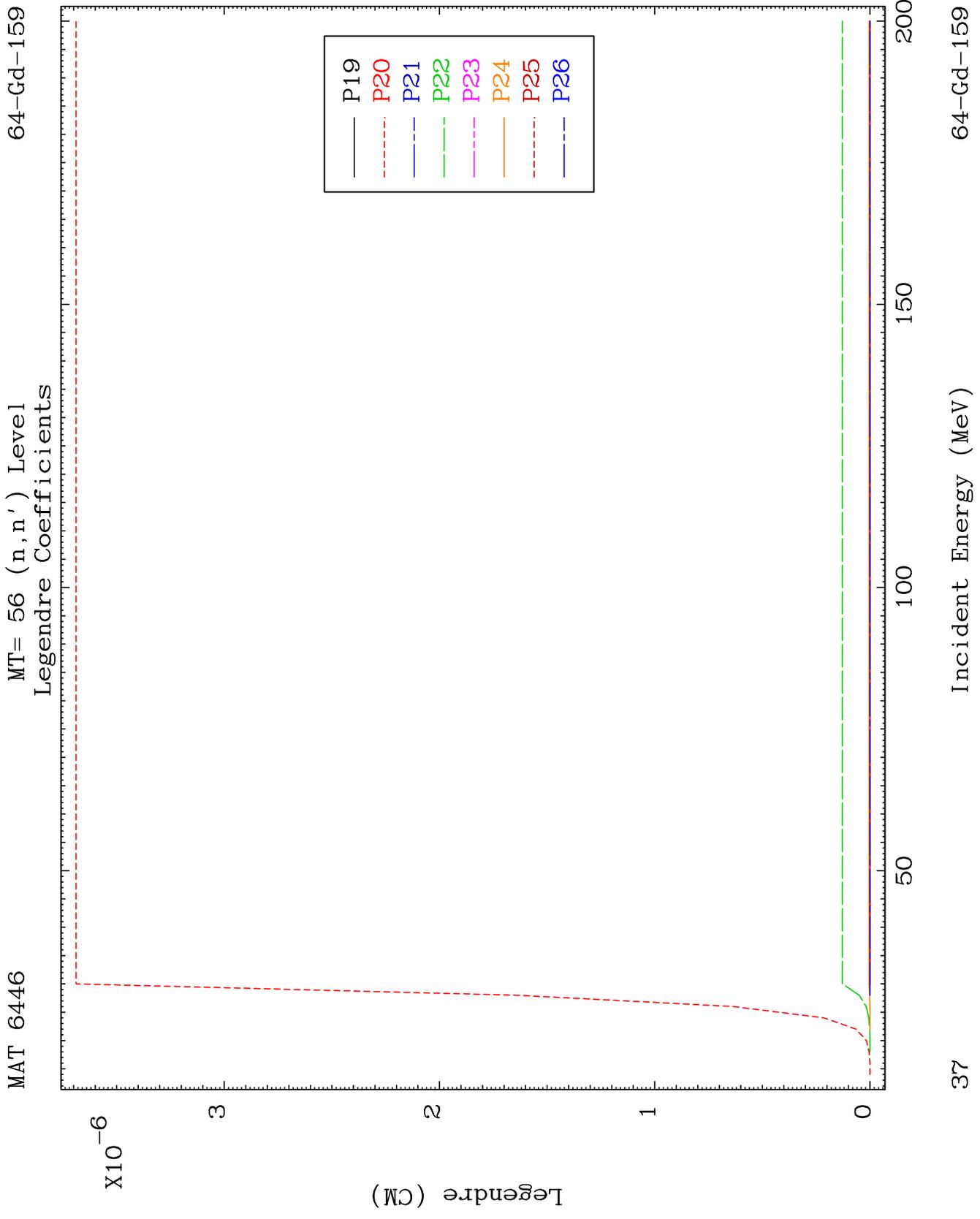
MT= 56 (n,n') Level
Legendre Coefficients

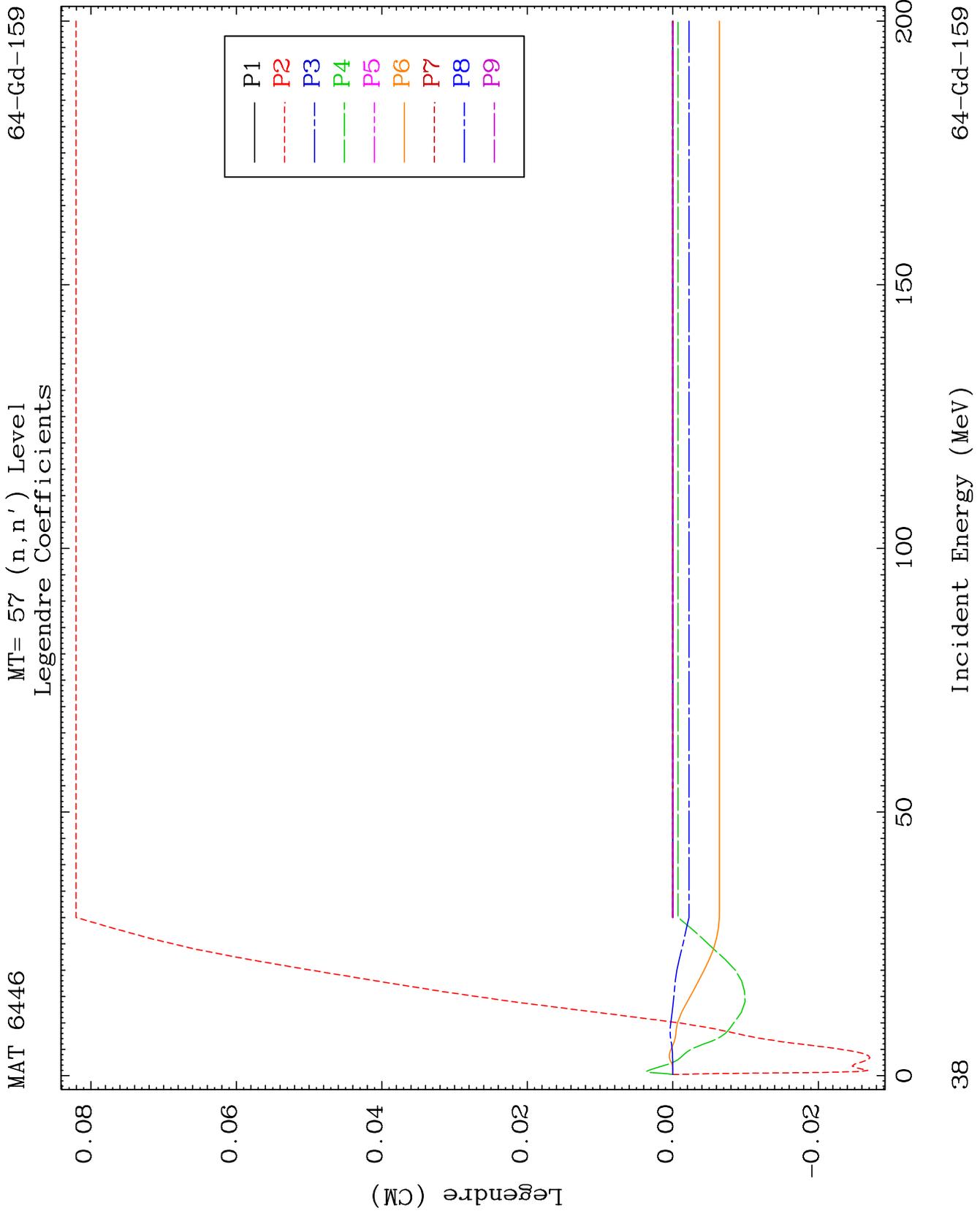
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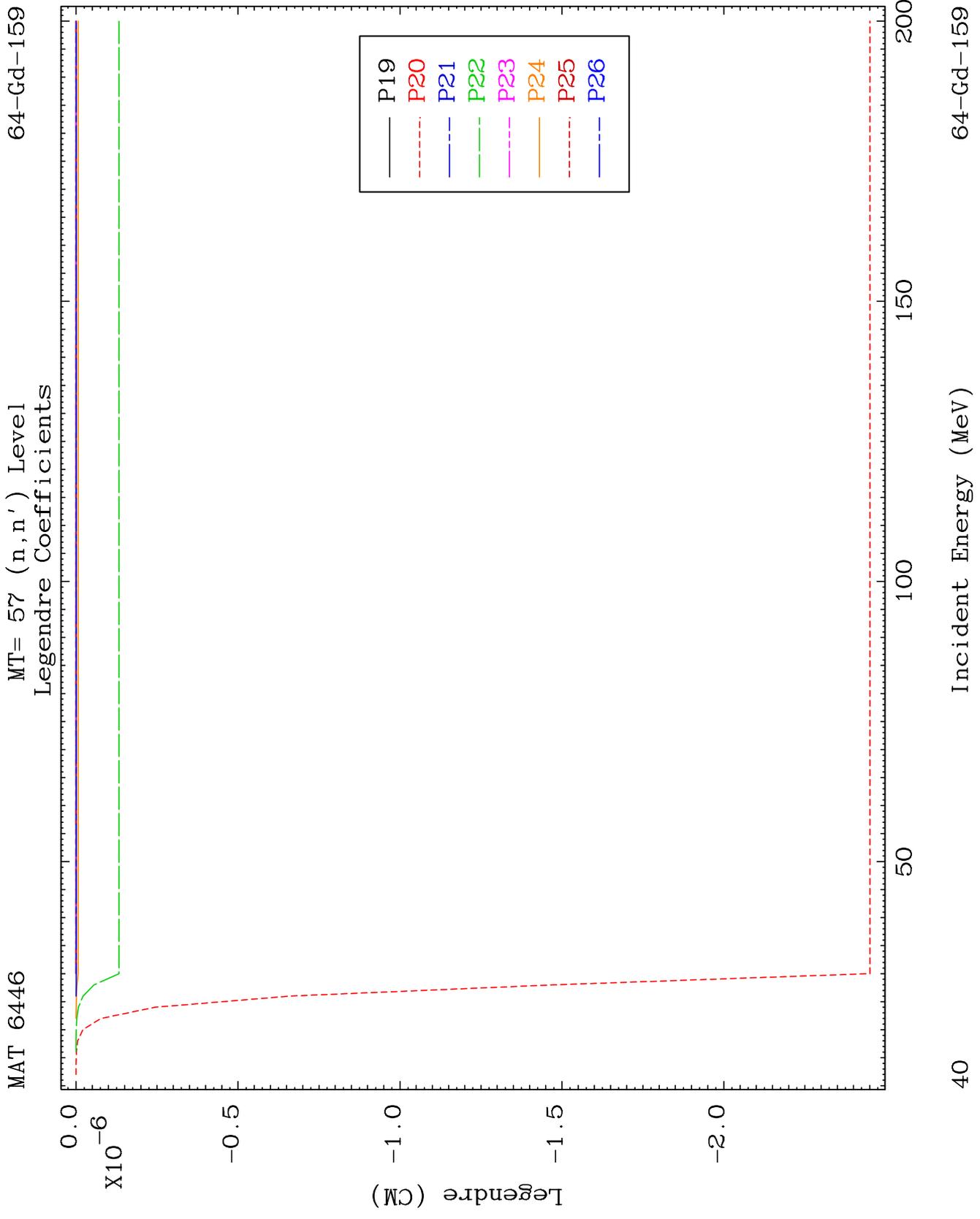


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64-Gd-159



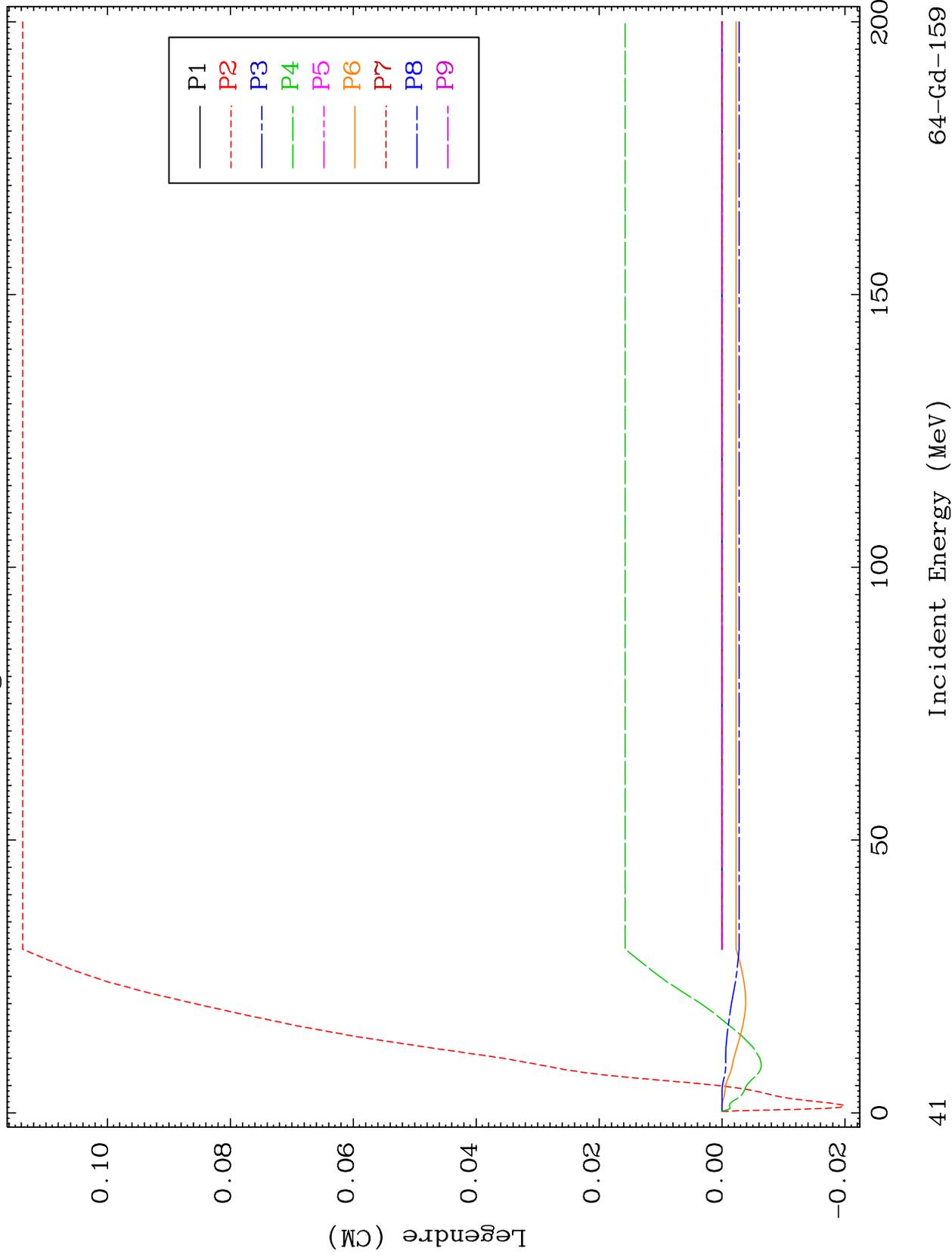




MAT 6446

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

64-Gd-159



64-Gd-159

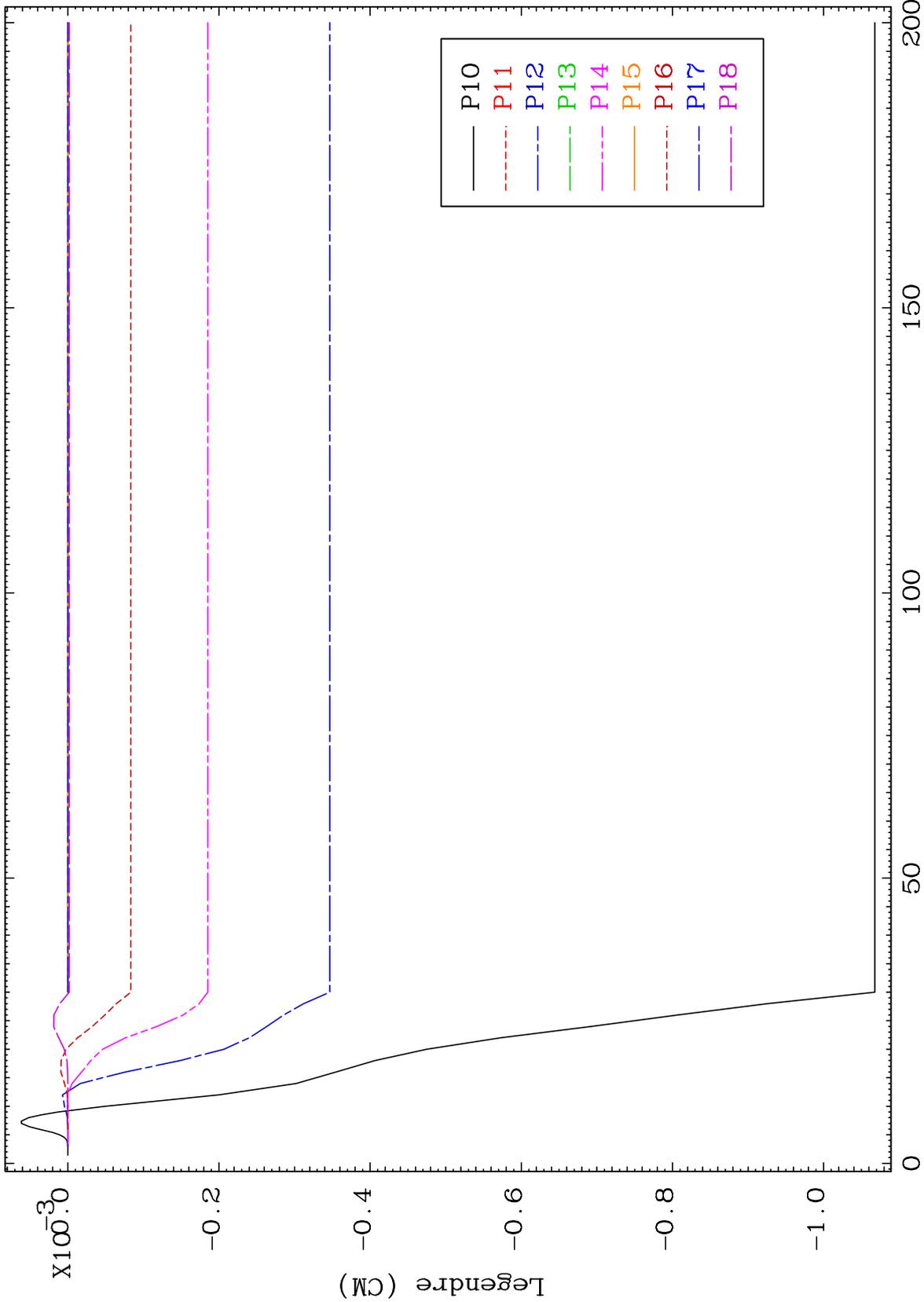
Incident Energy (MeV)

41

MAT 6446

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

64-Gd-159



42

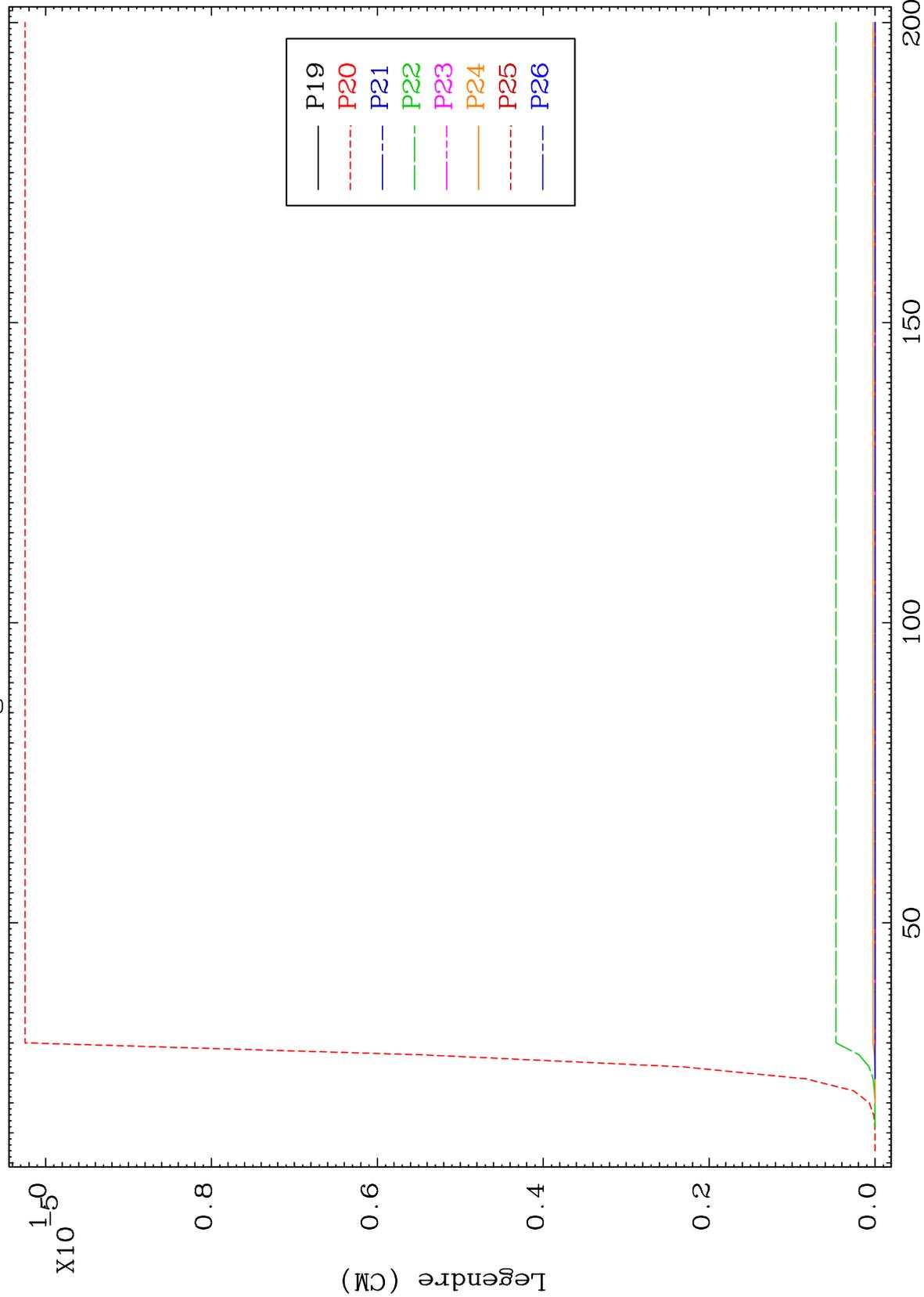
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

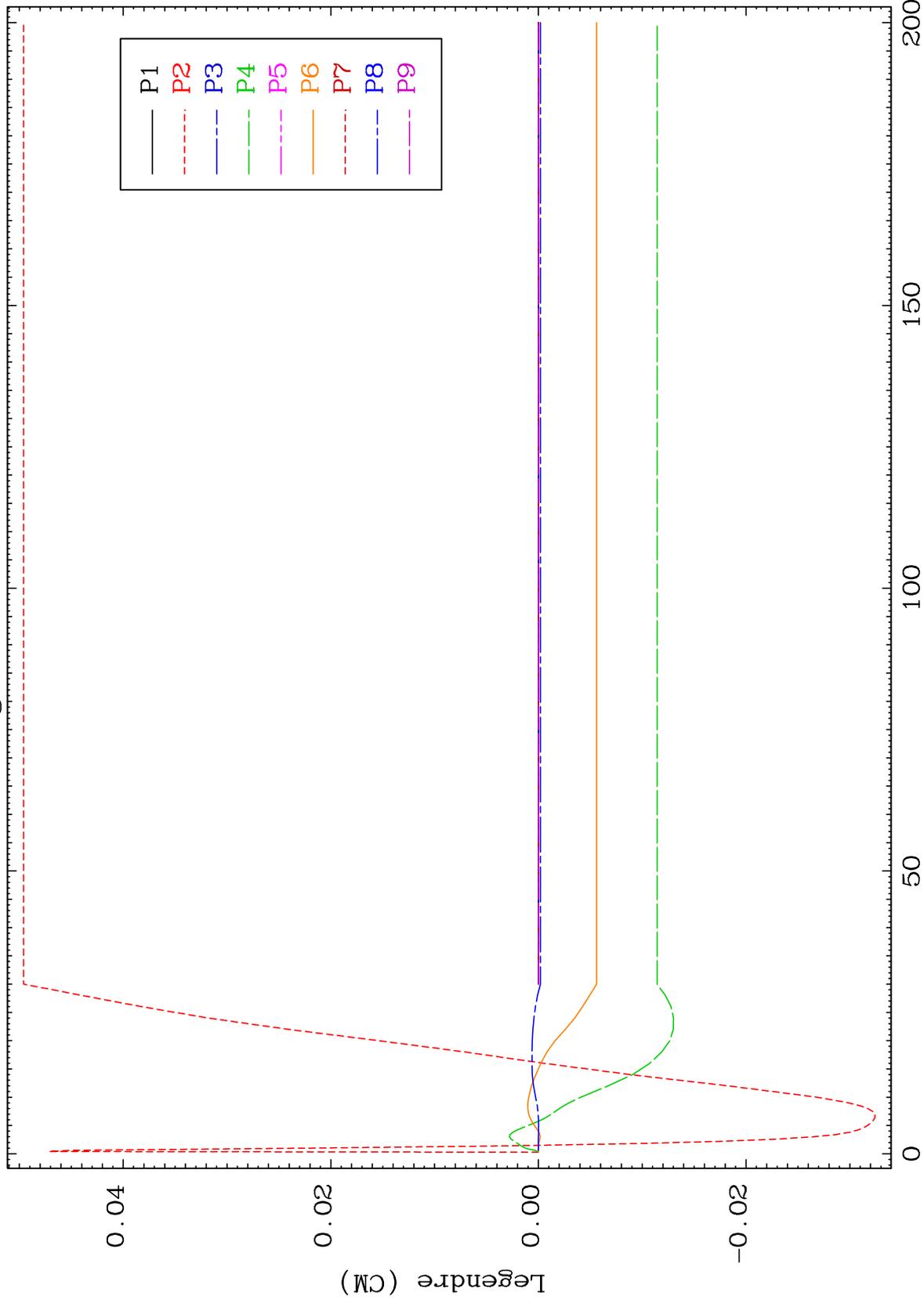
Incident Energy (MeV)

43

MAT 6446

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

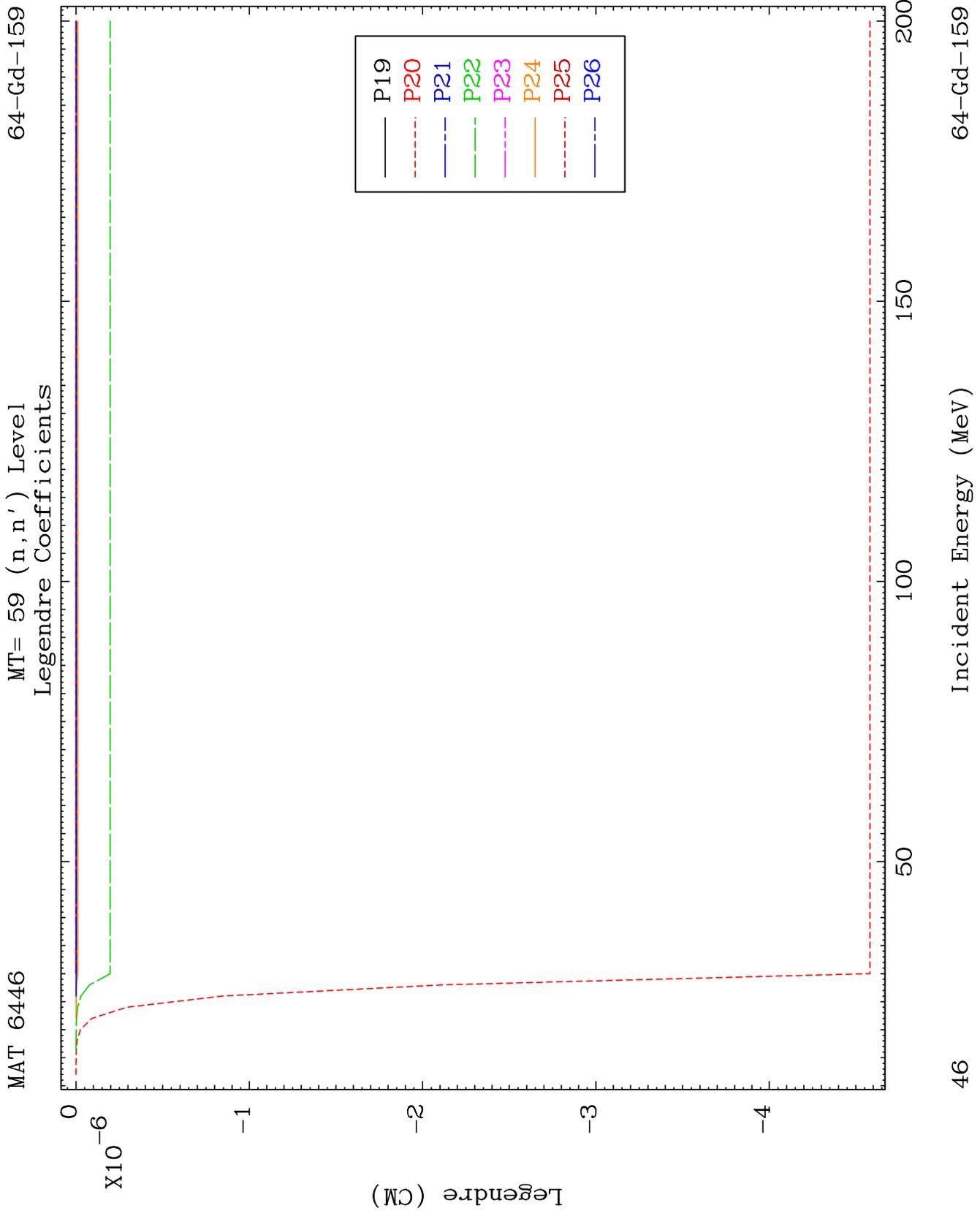
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44

Incident Energy (MeV)

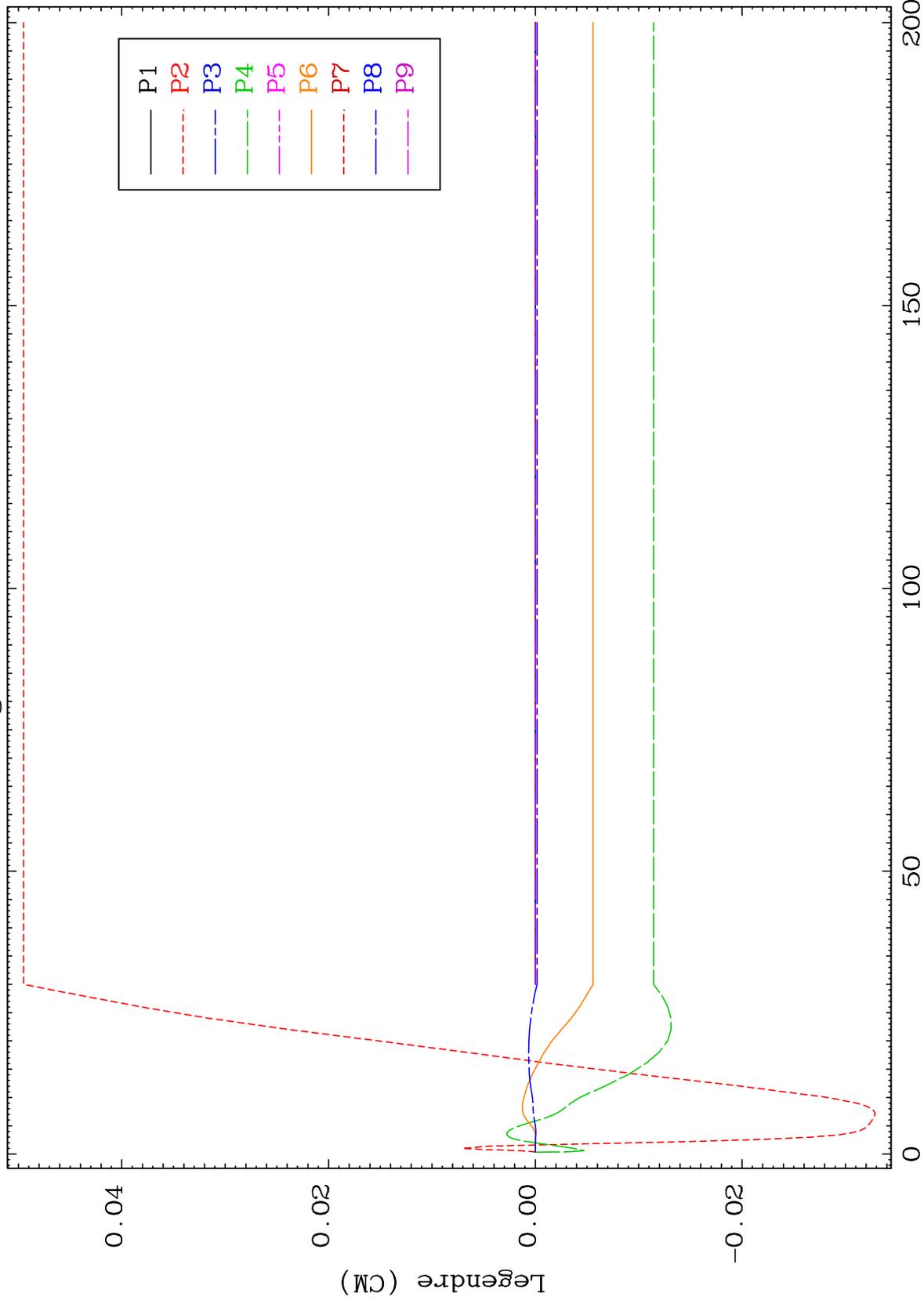
64-Gd-159



MAT 6446

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

64-Gd-159



47

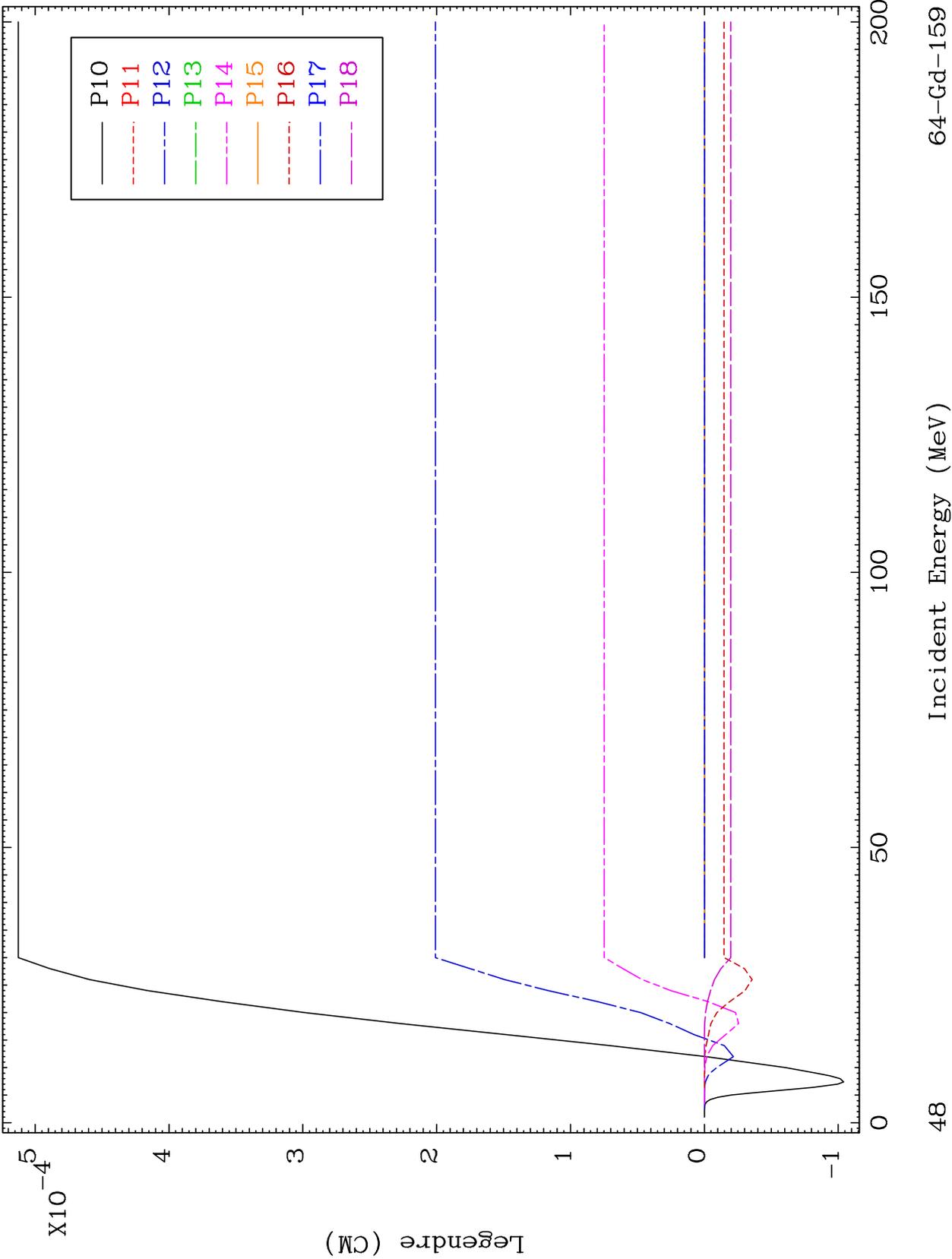
Incident Energy (MeV)

64-Gd-159

MAT 6446

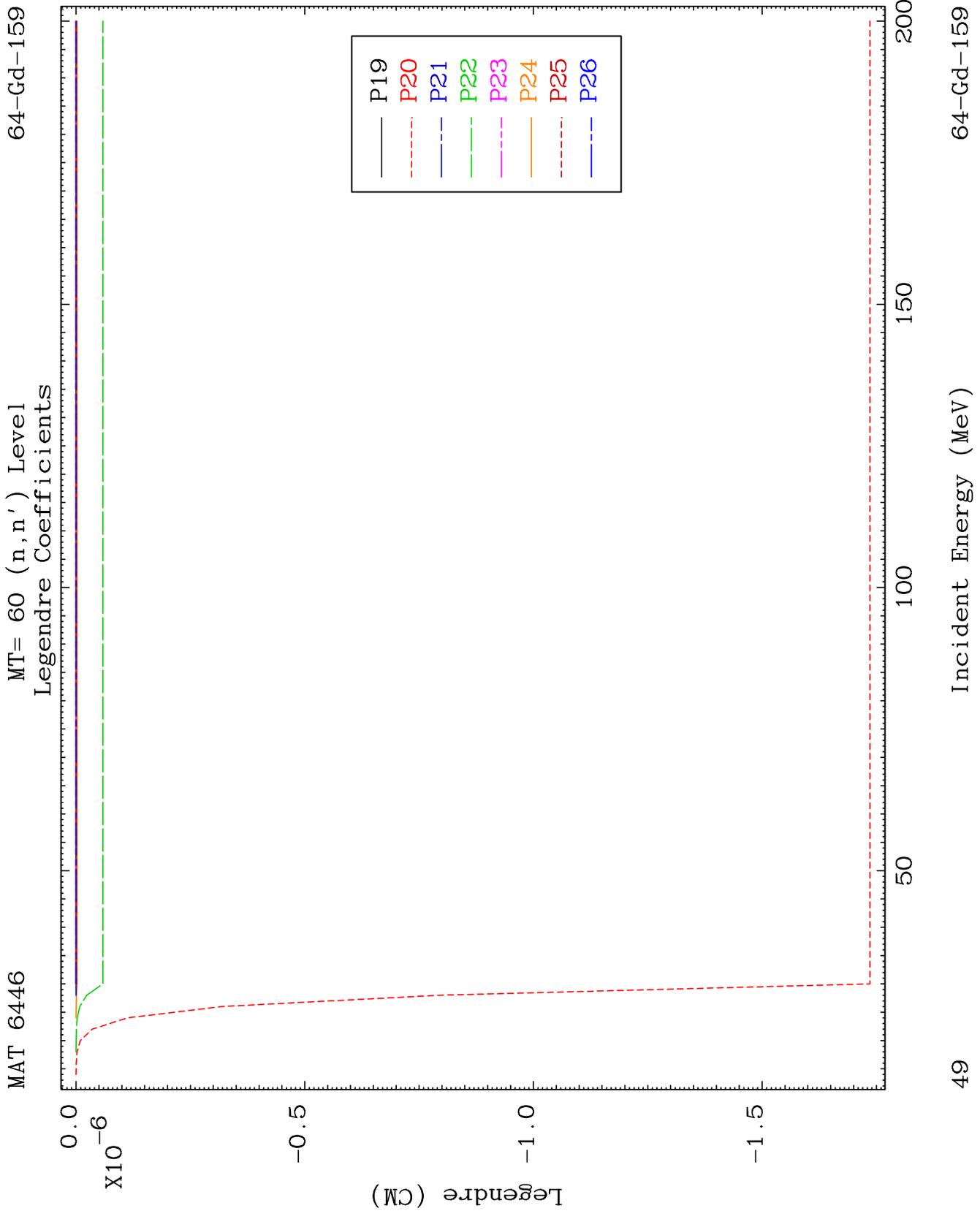
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Legendre Coefficients

64-Gd-159



48

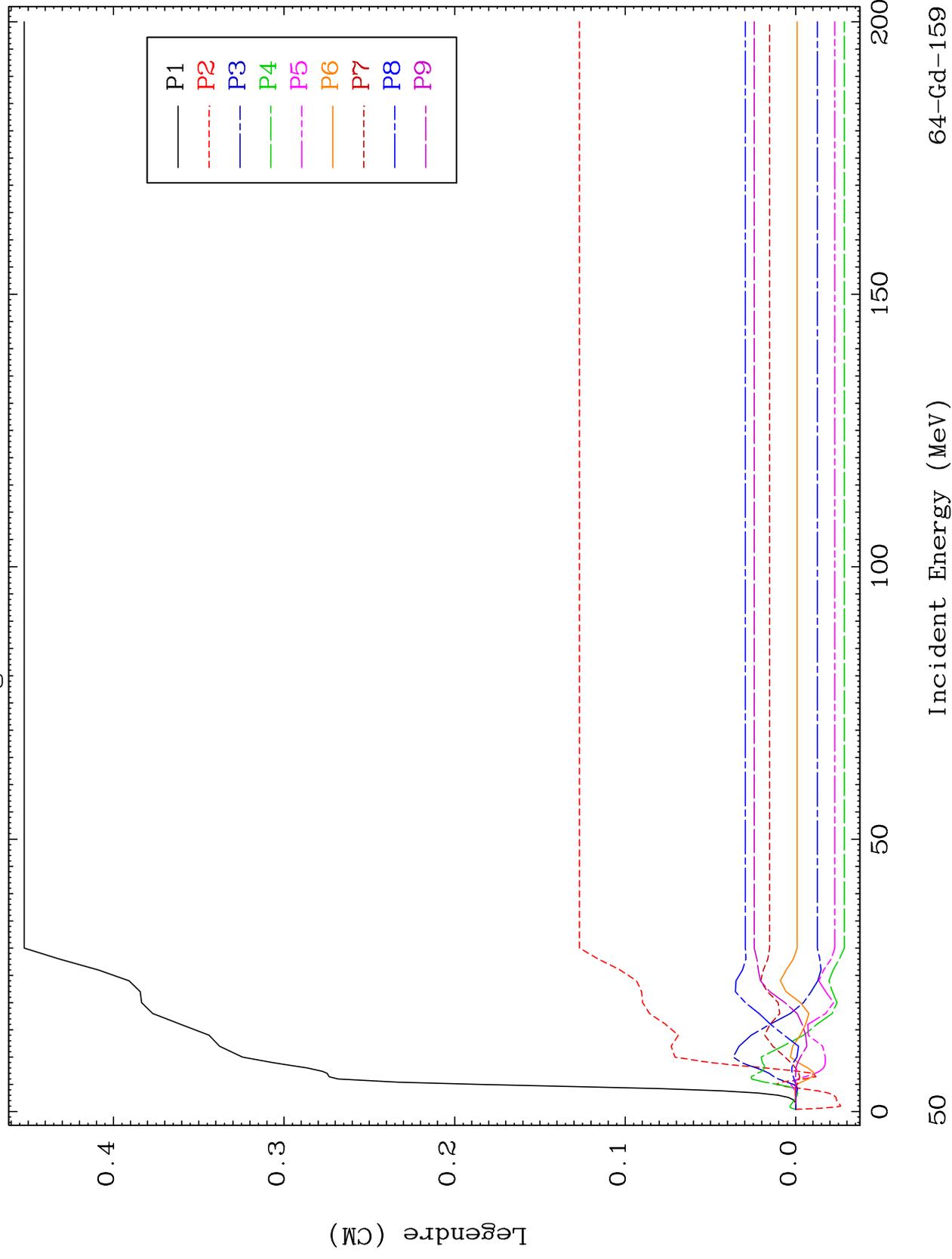
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MAT 6446

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

64-Gd-159

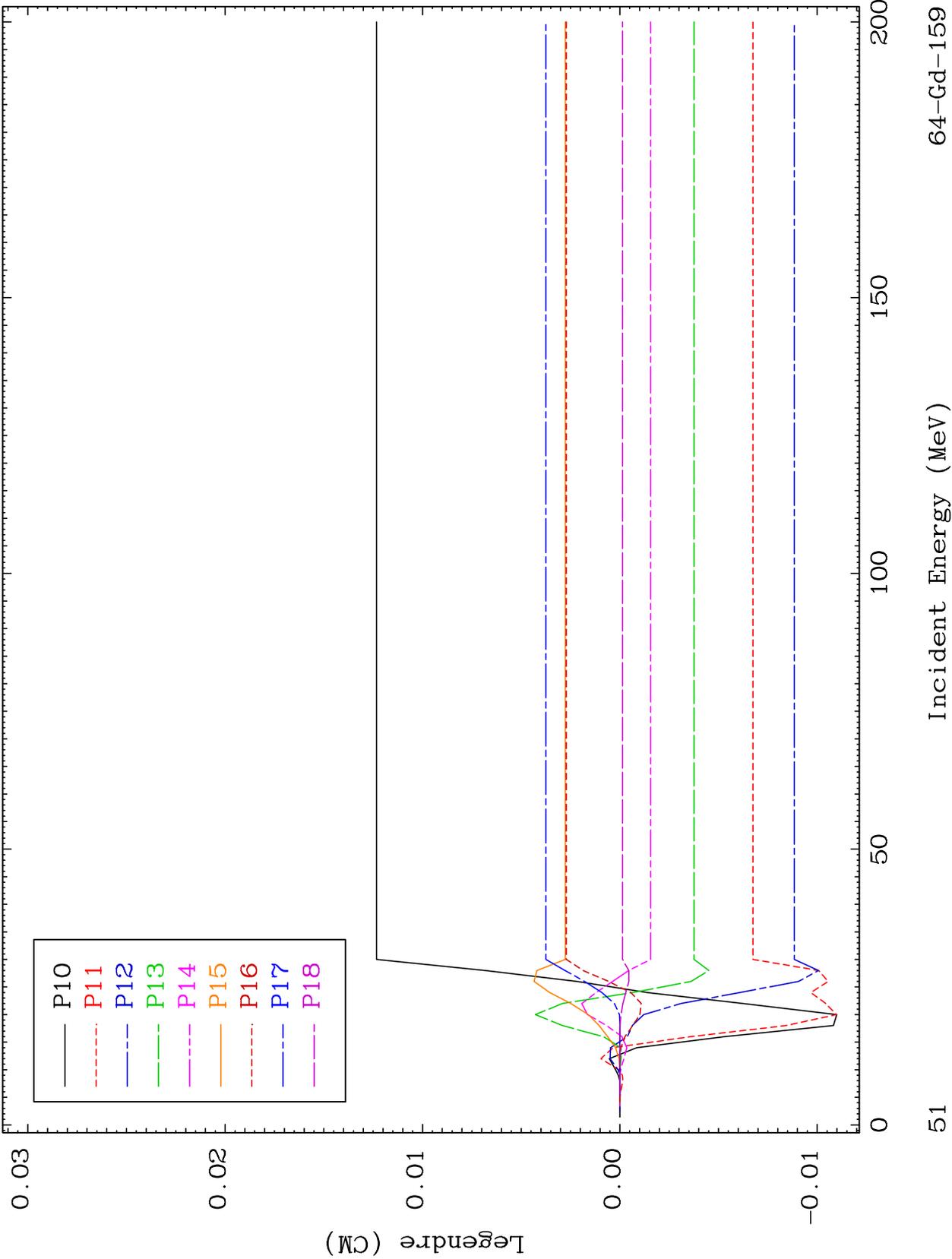


64-Gd-159

MAT 6446

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

64-Gd-159



51

Incident Energy (MeV)

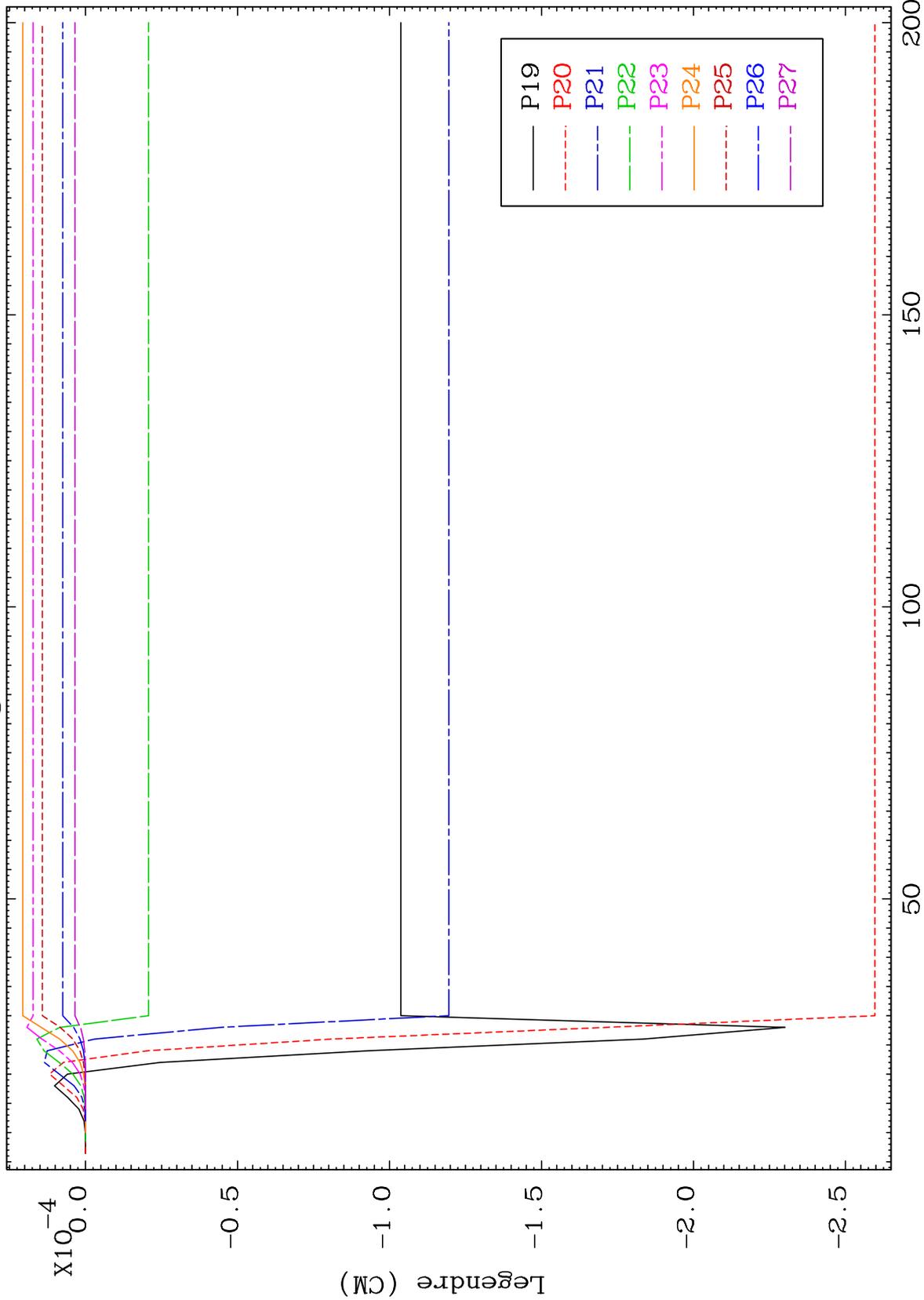
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MAT 6446

MT= 61 (n,n') Level

64-Gd-159

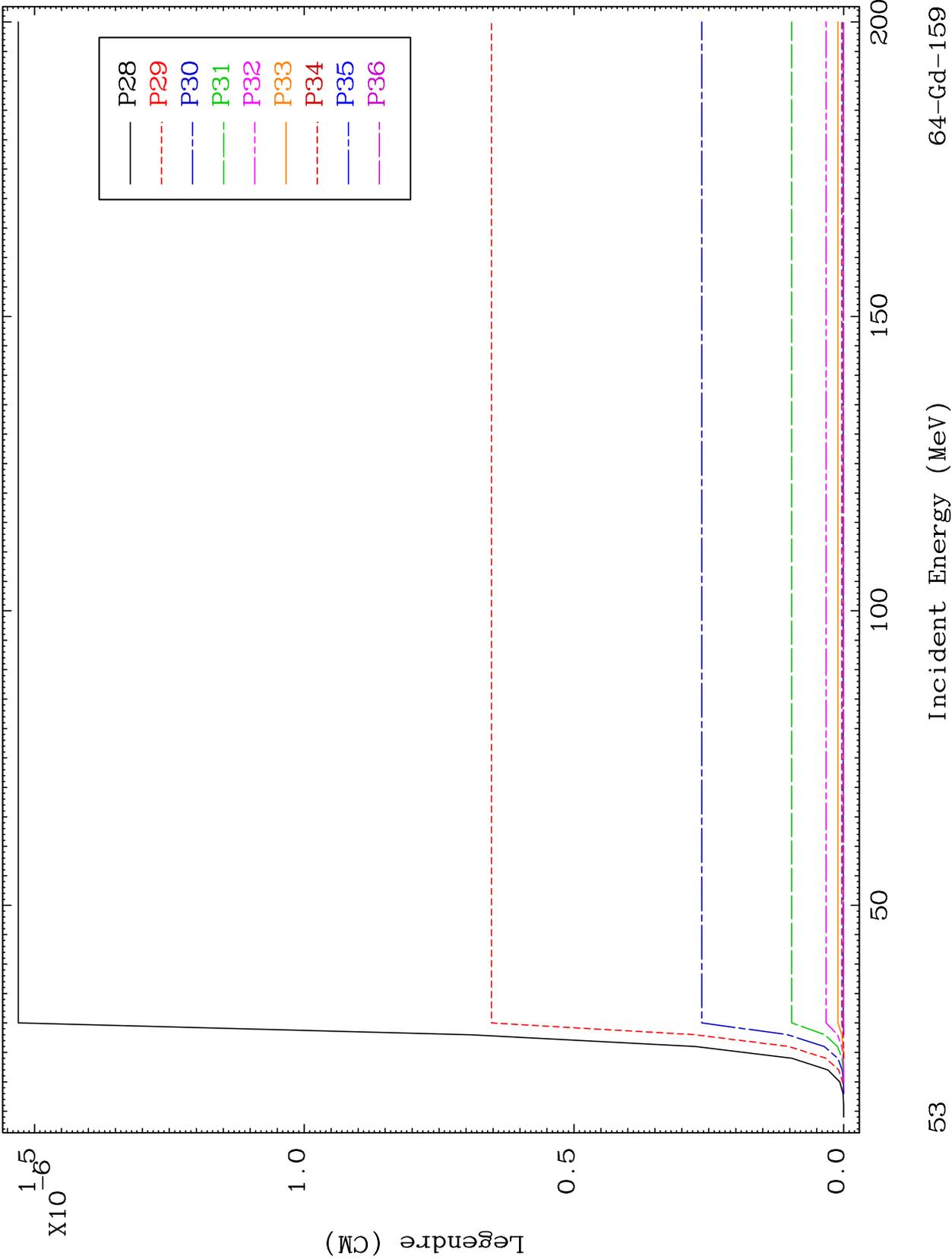
Legendre Coefficients



MAT 6446

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

64-Gd-159



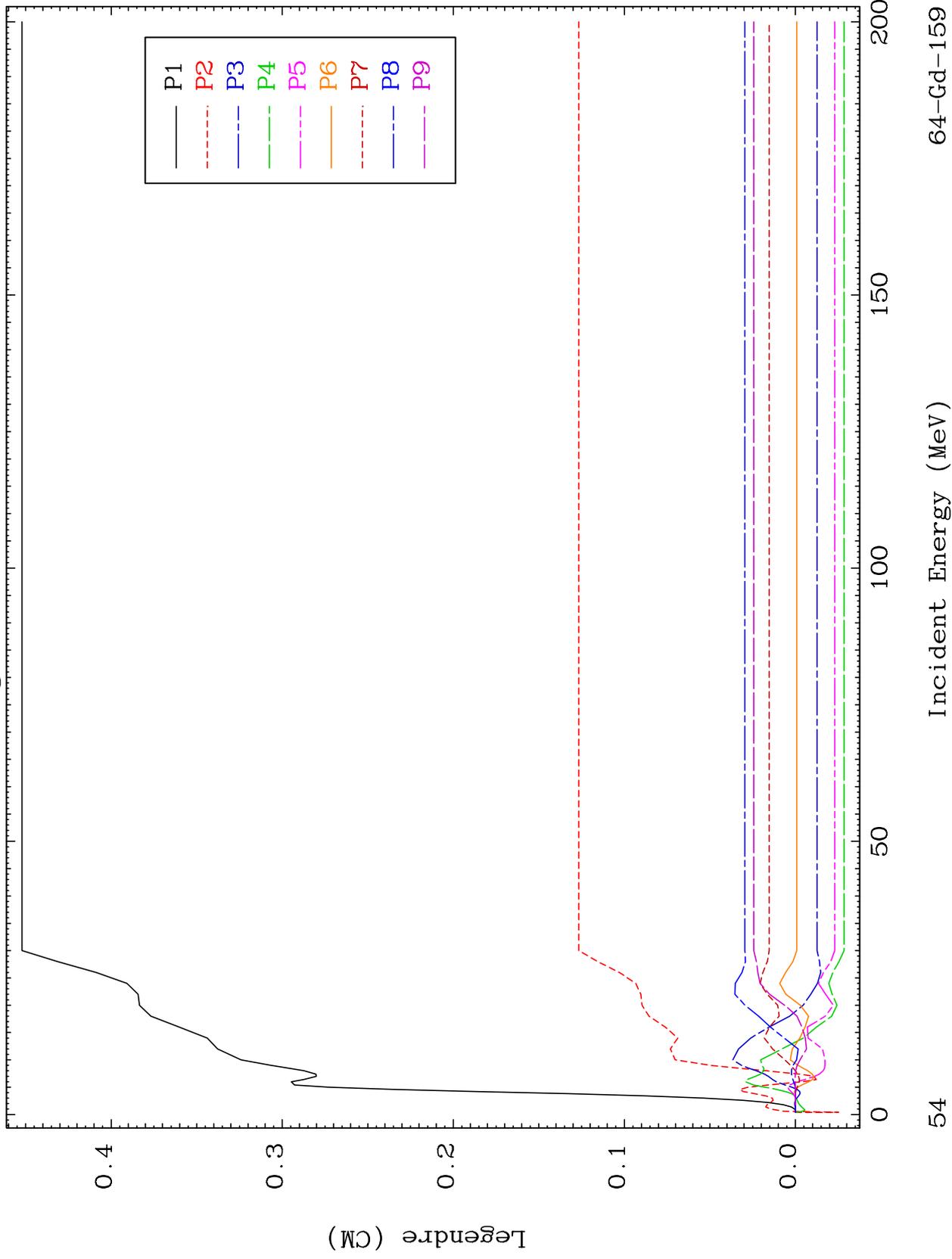
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64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

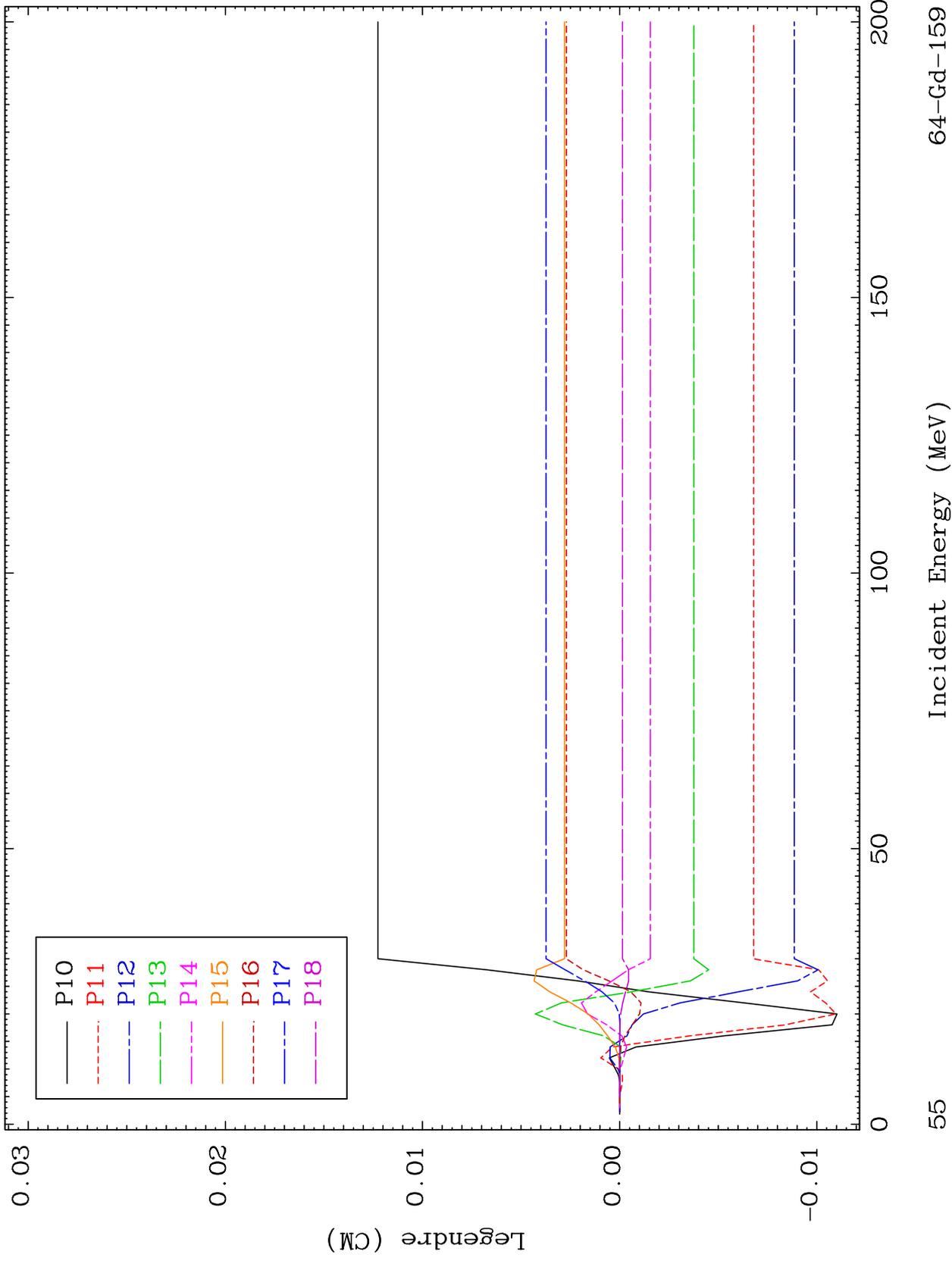
Incident Energy (MeV)

54

MAT 6446

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

64-Gd-159



64-Gd-159

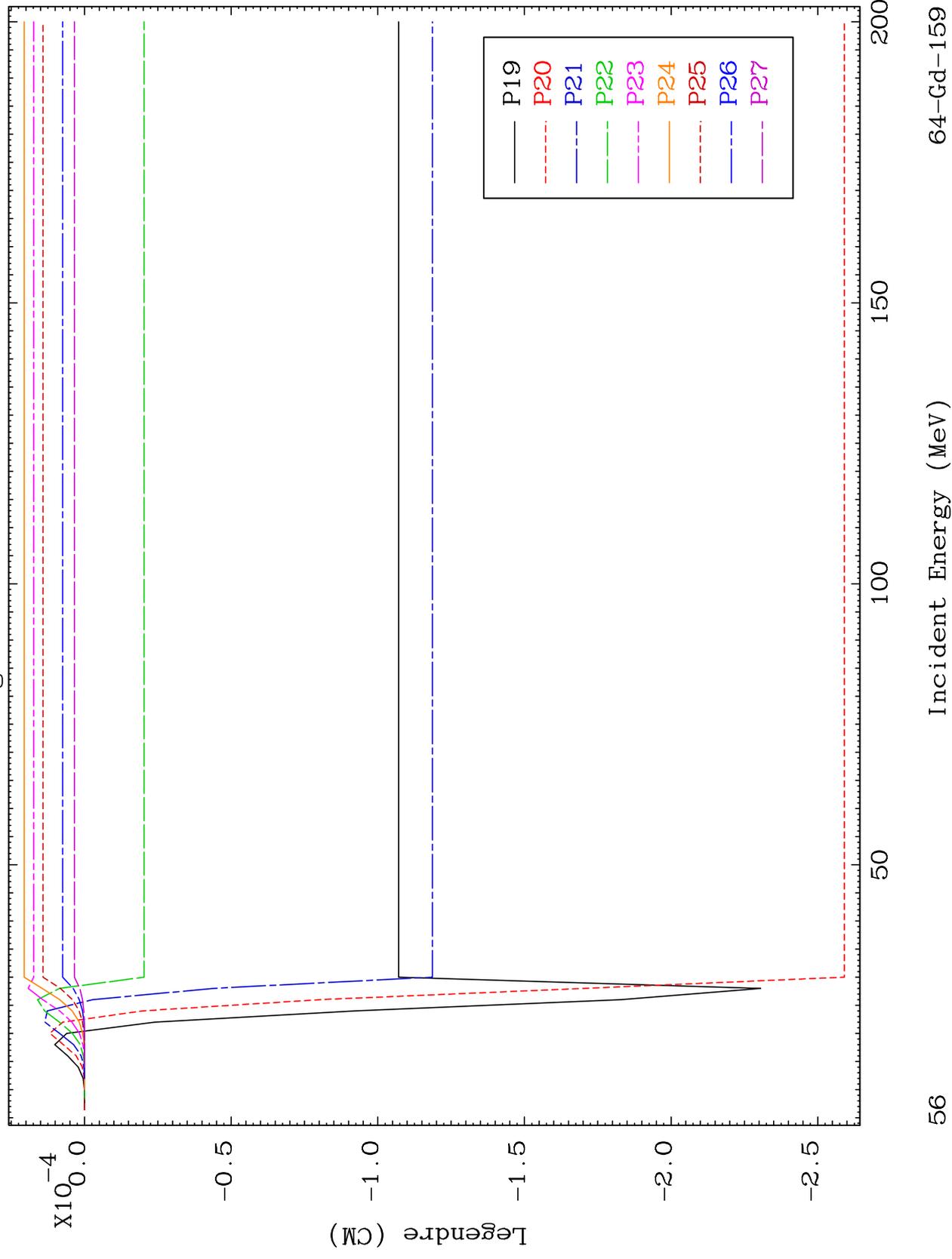
Incident Energy (MeV)

55

MAT 6446

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

64-Gd-159



56

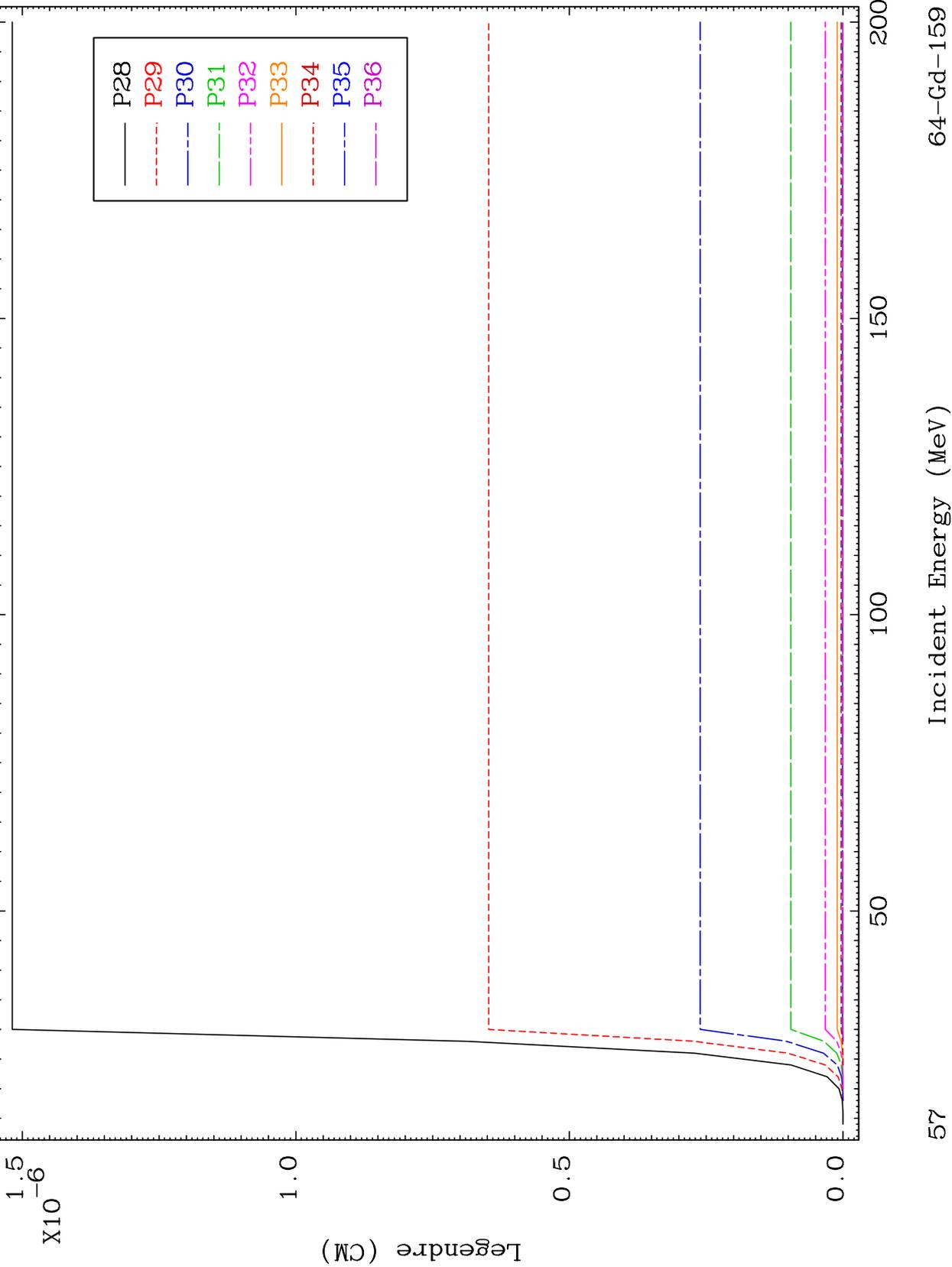
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



57

Incident Energy (MeV)

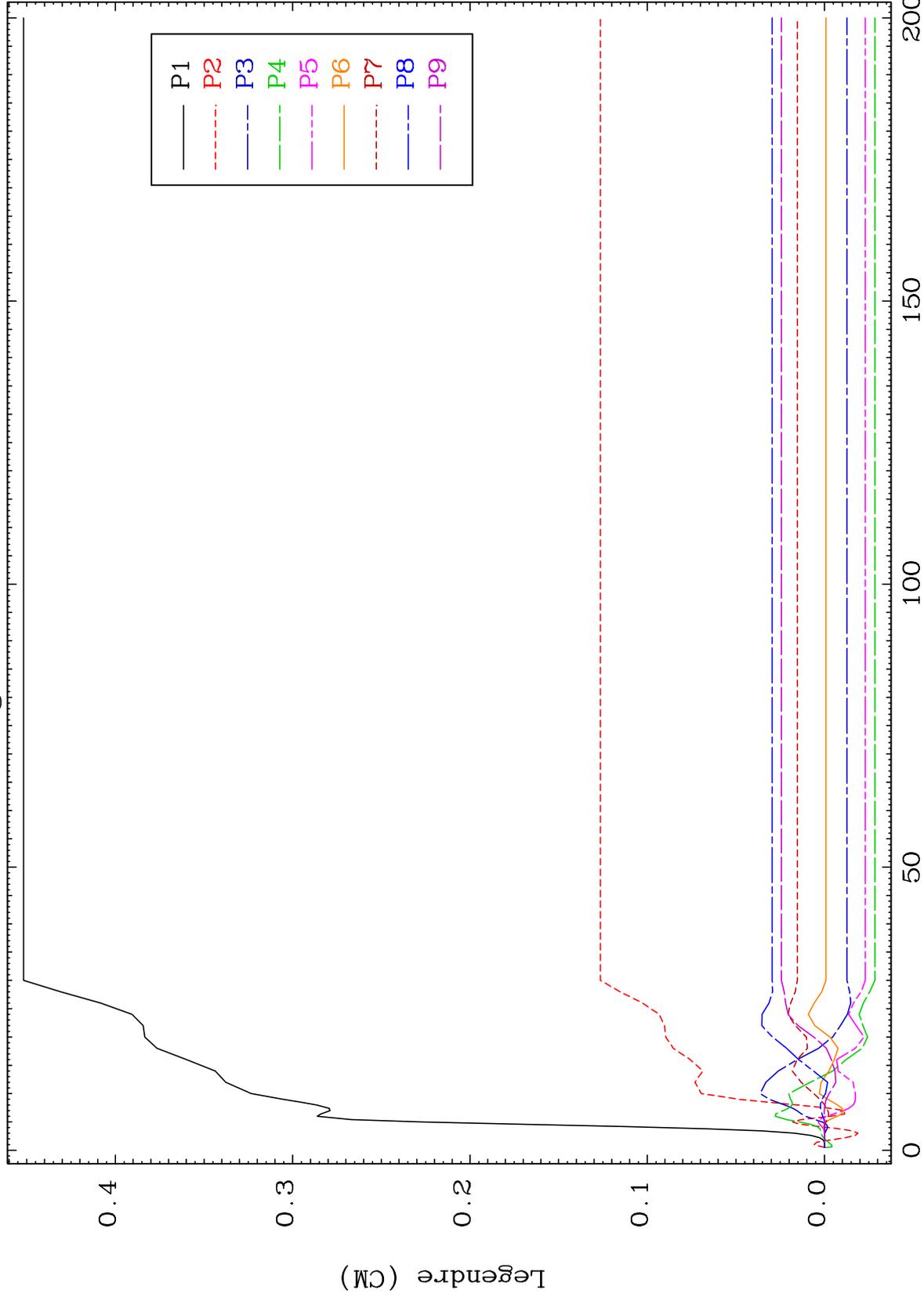
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MAT 6446

MT= 63 (n,n') Level

64-Gd-159

Legendre Coefficients



58

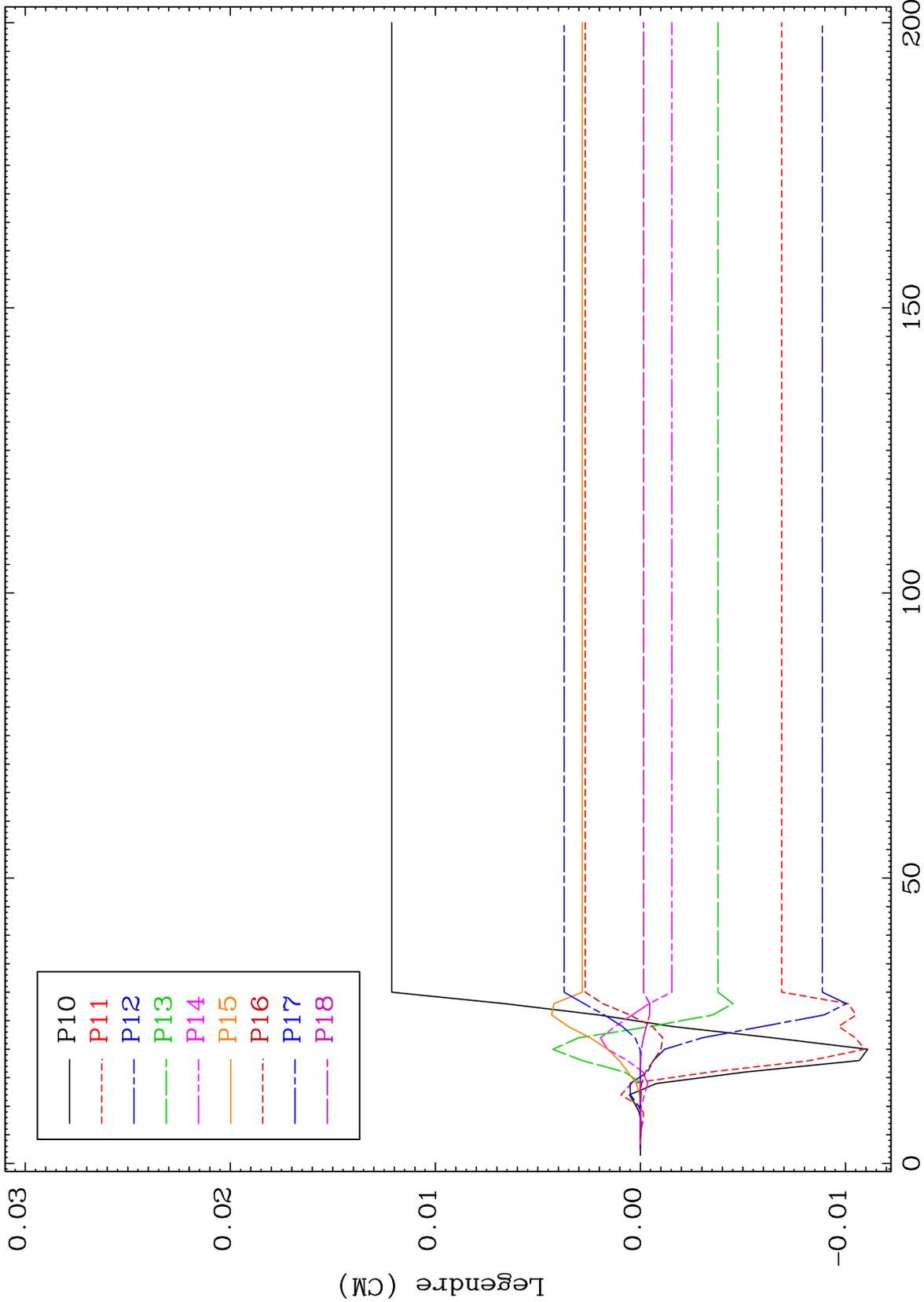
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

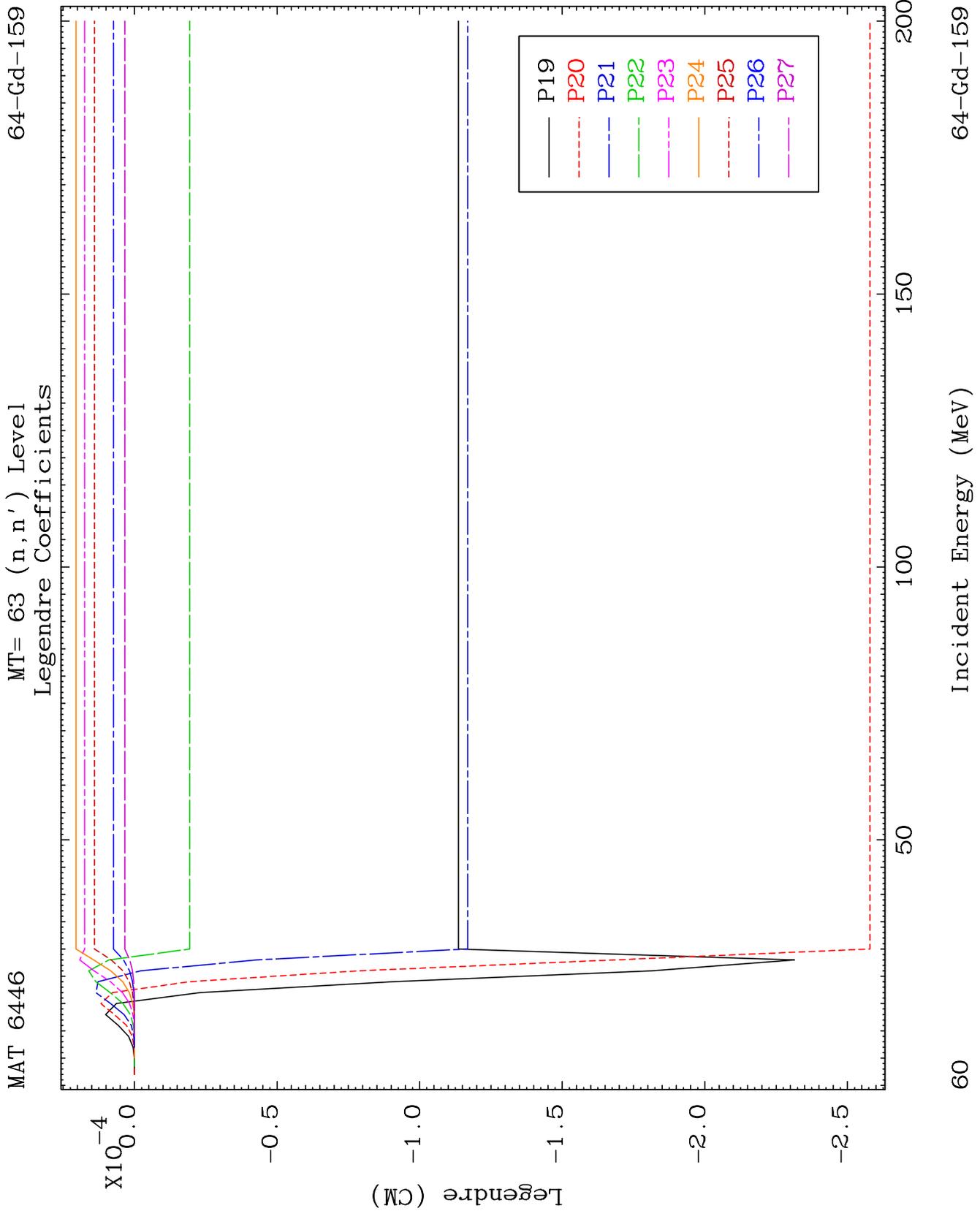
64-Gd-159



59

Incident Energy (MeV)

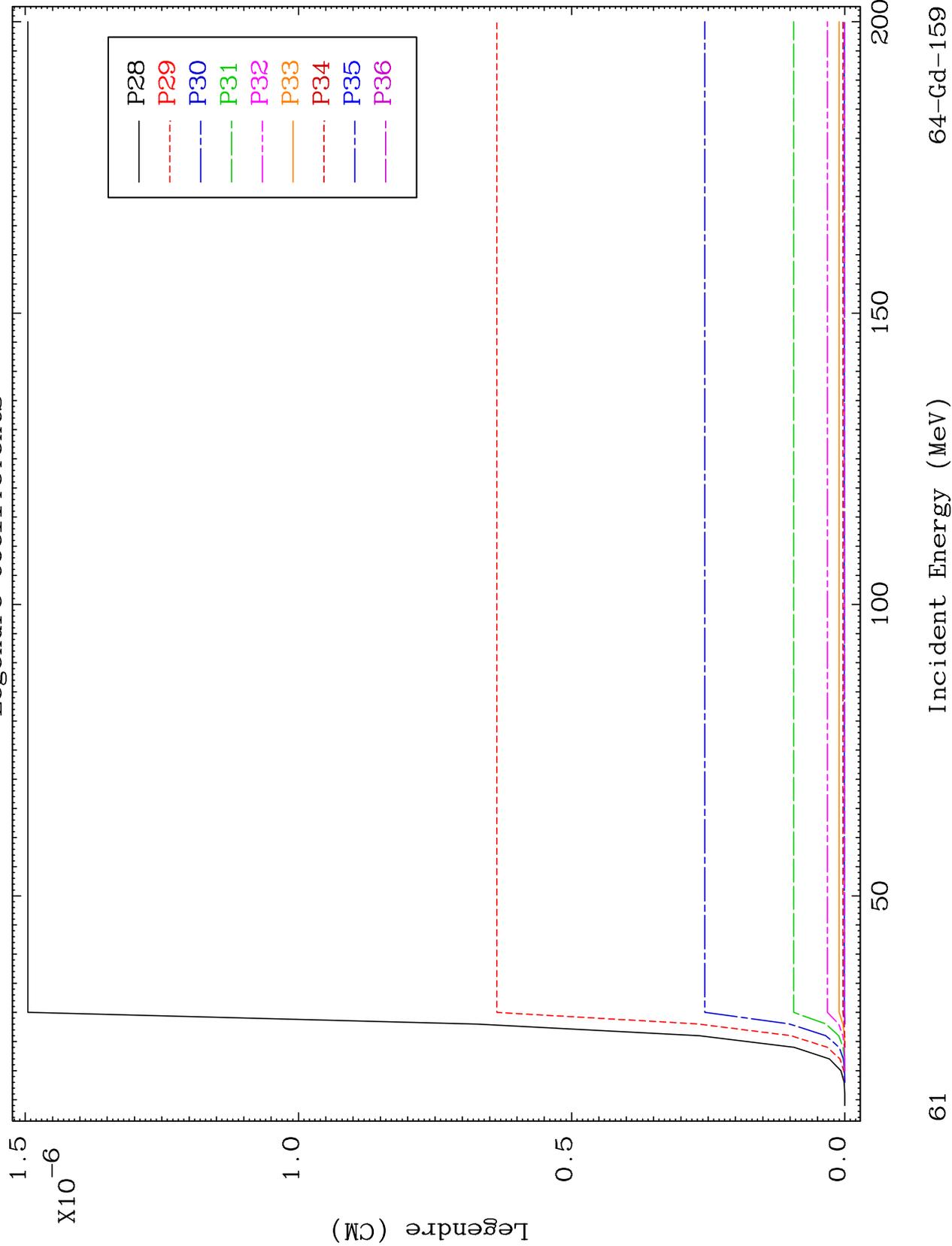
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MAT 6446

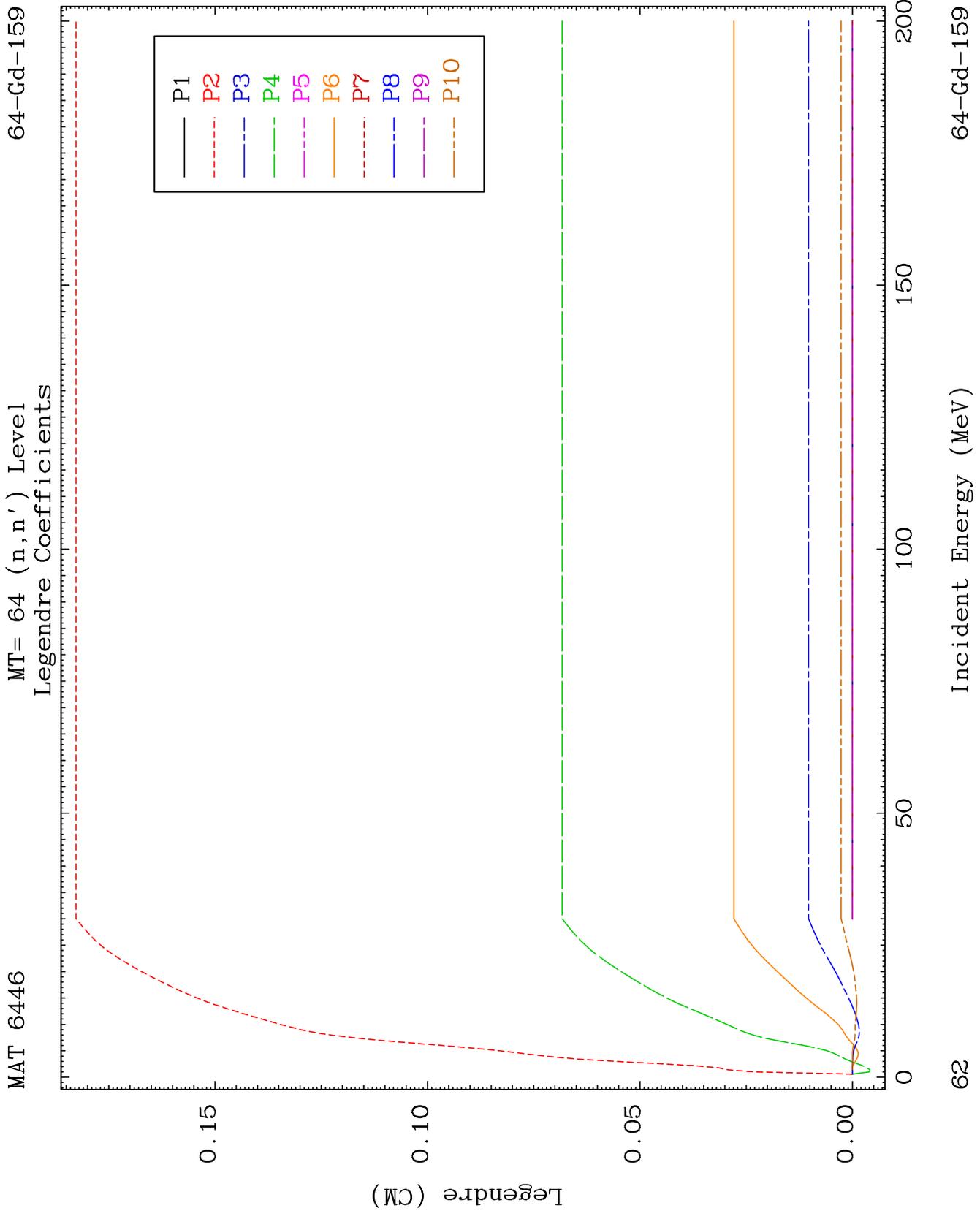
MT= 63 (n,n') Level
Legendre Coefficients

64-Gd-159



61

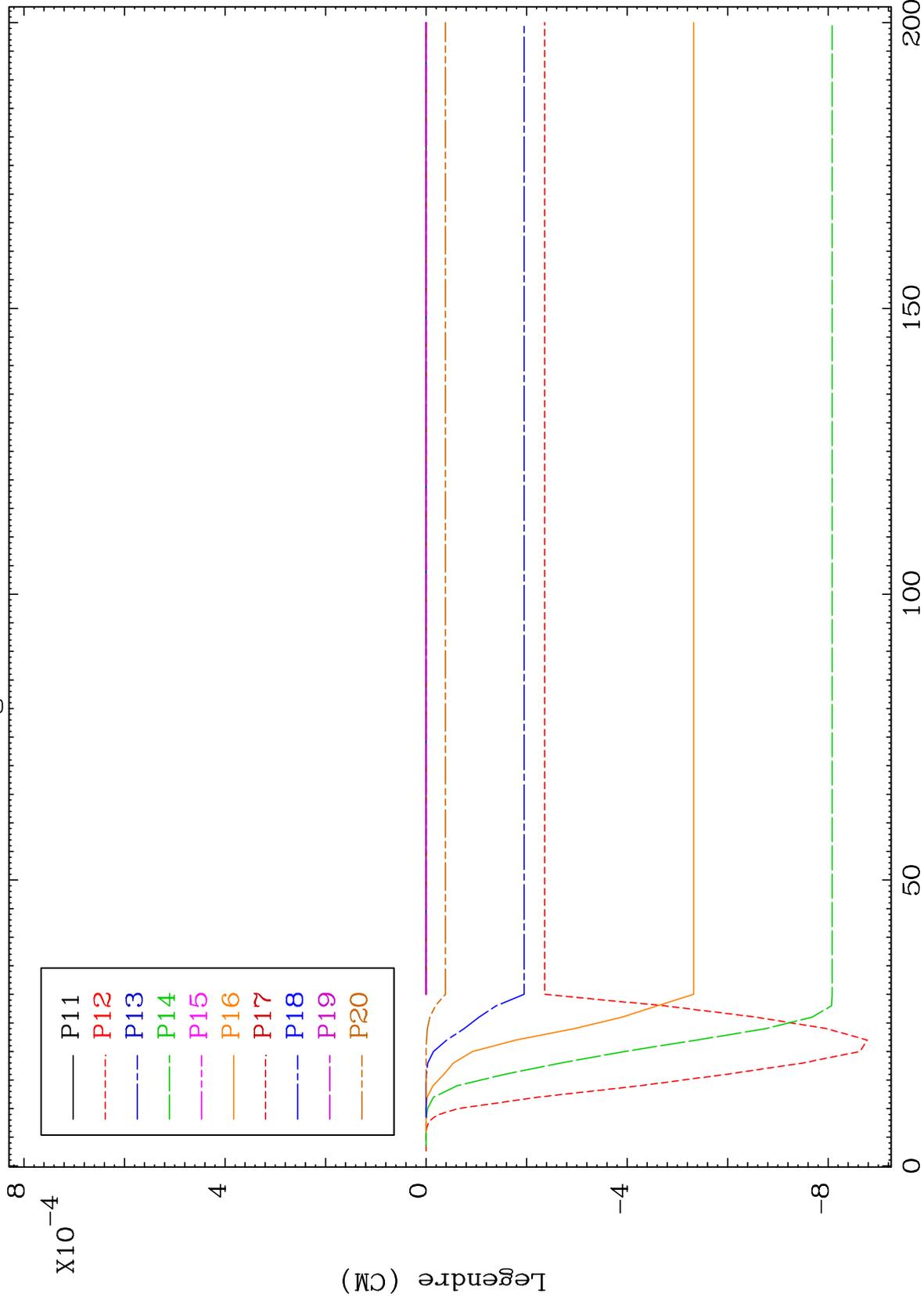
64-Gd-159



MAT 6446

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

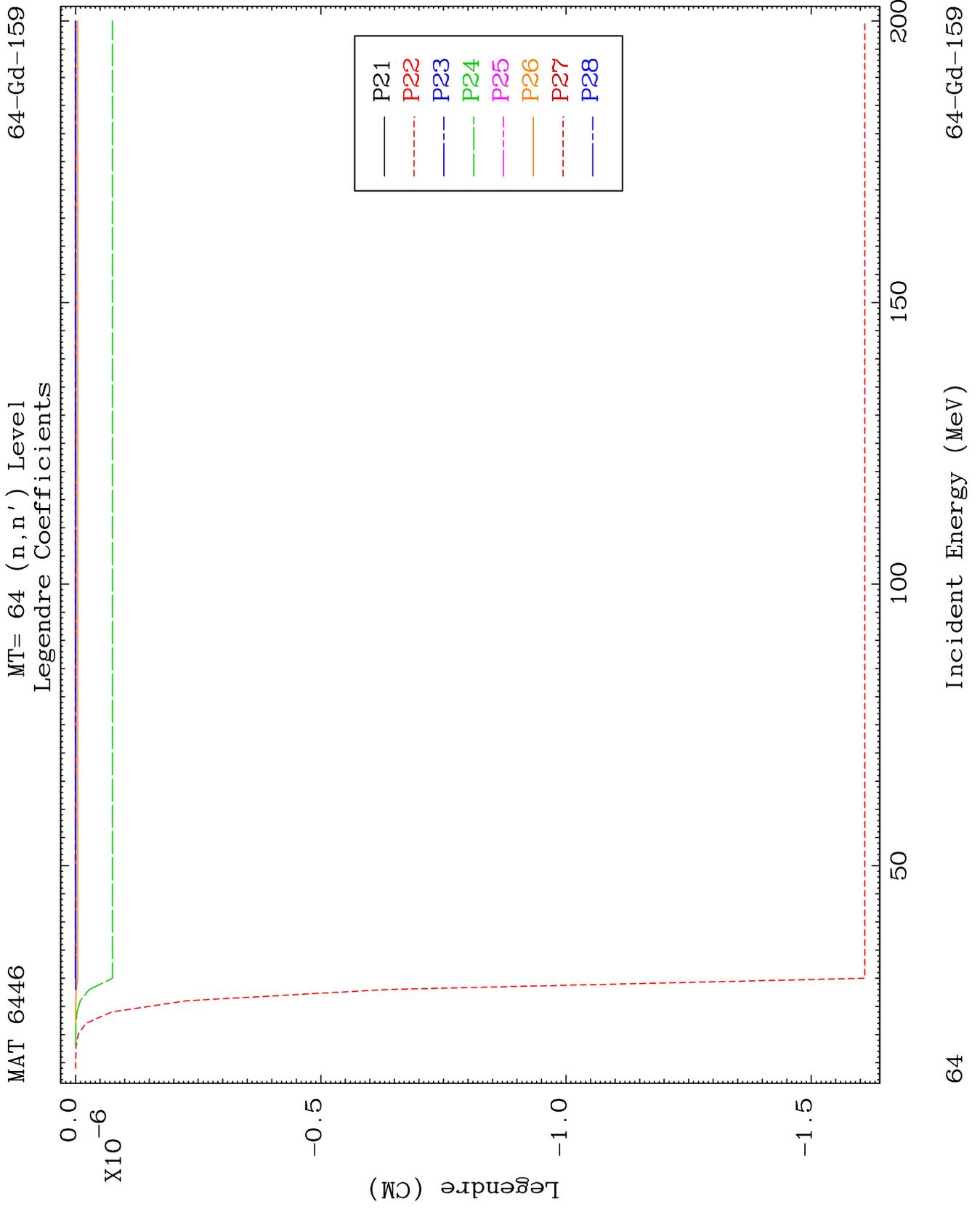
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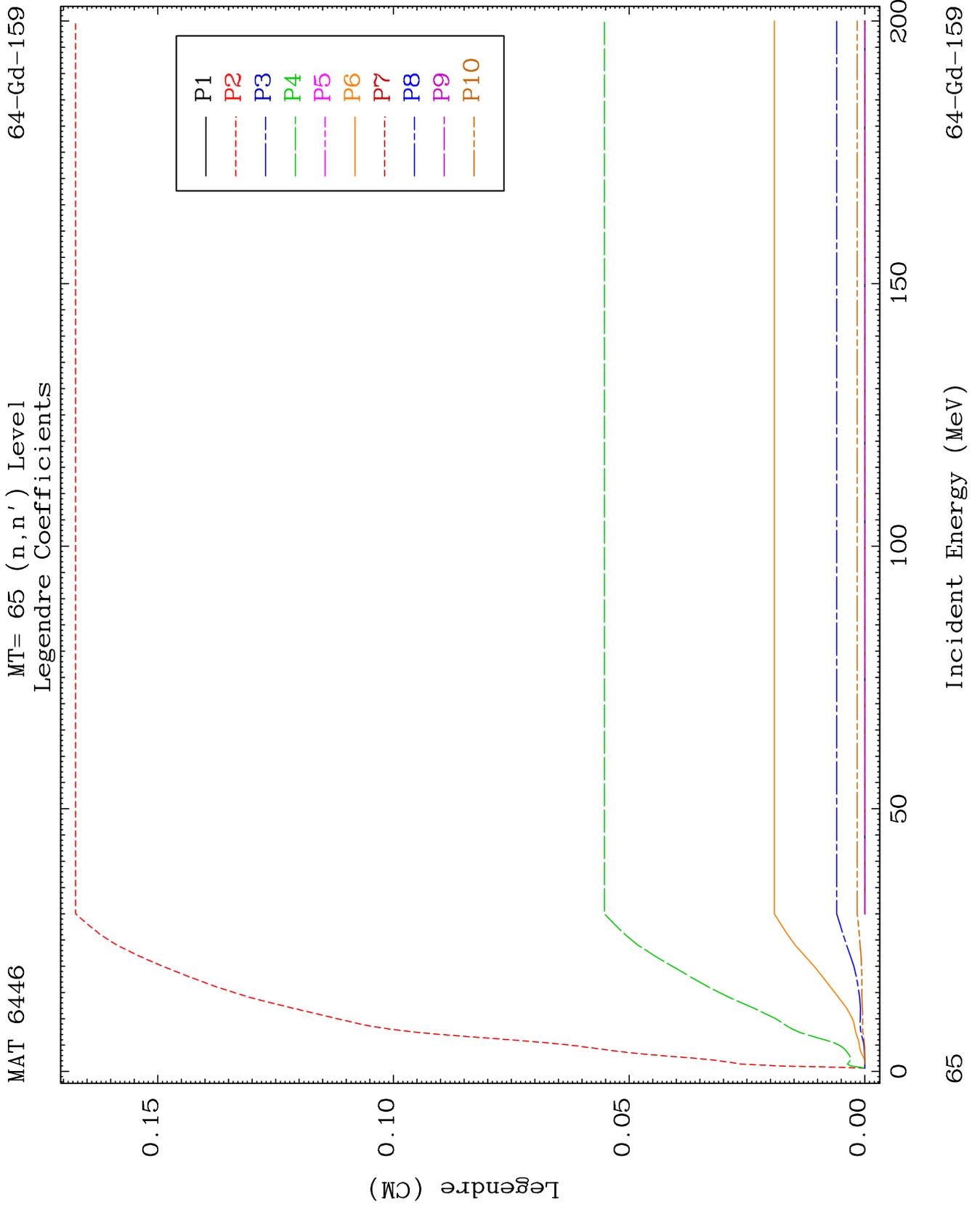


63

Incident Energy (MeV)

64-Gd-159

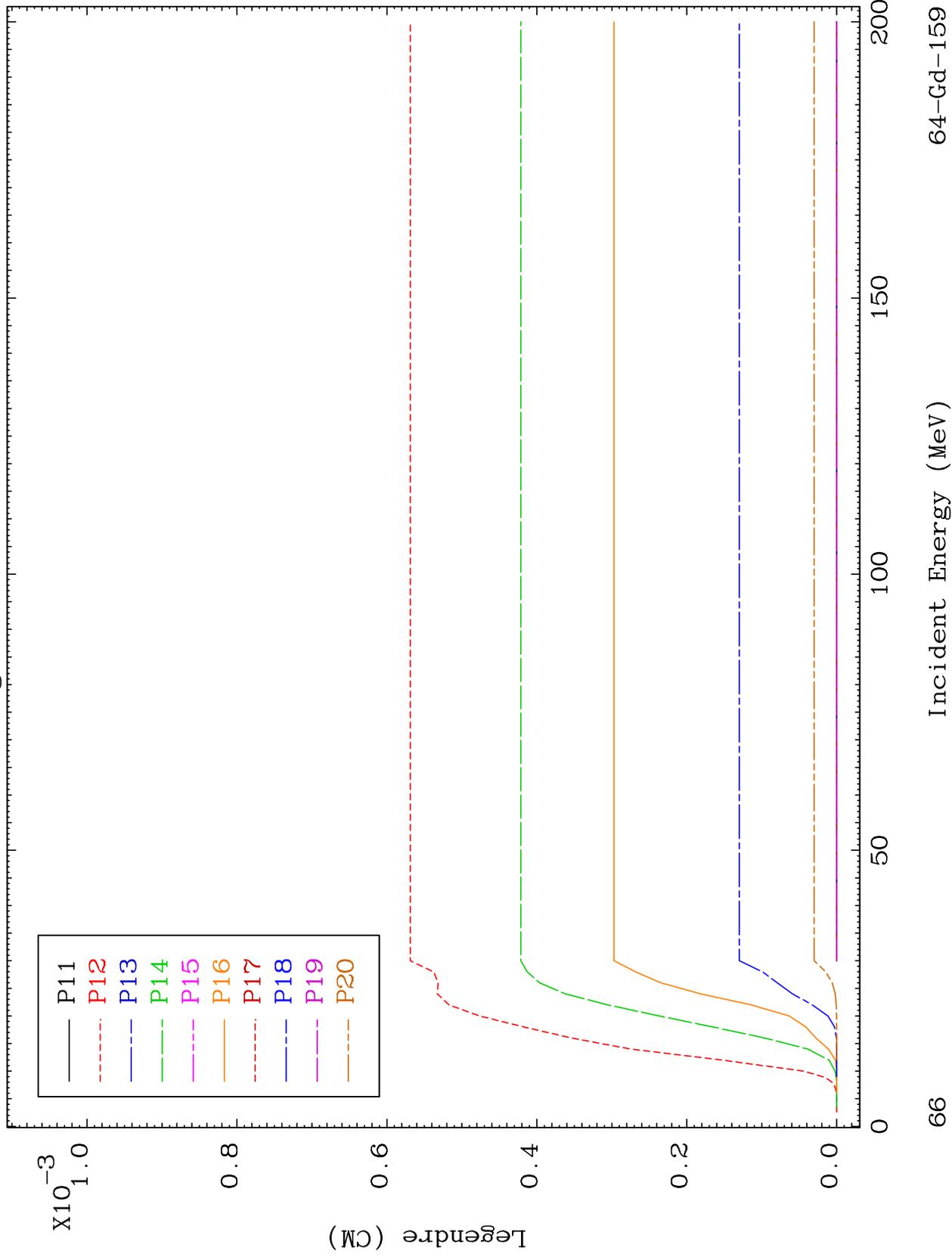




MAT 6446

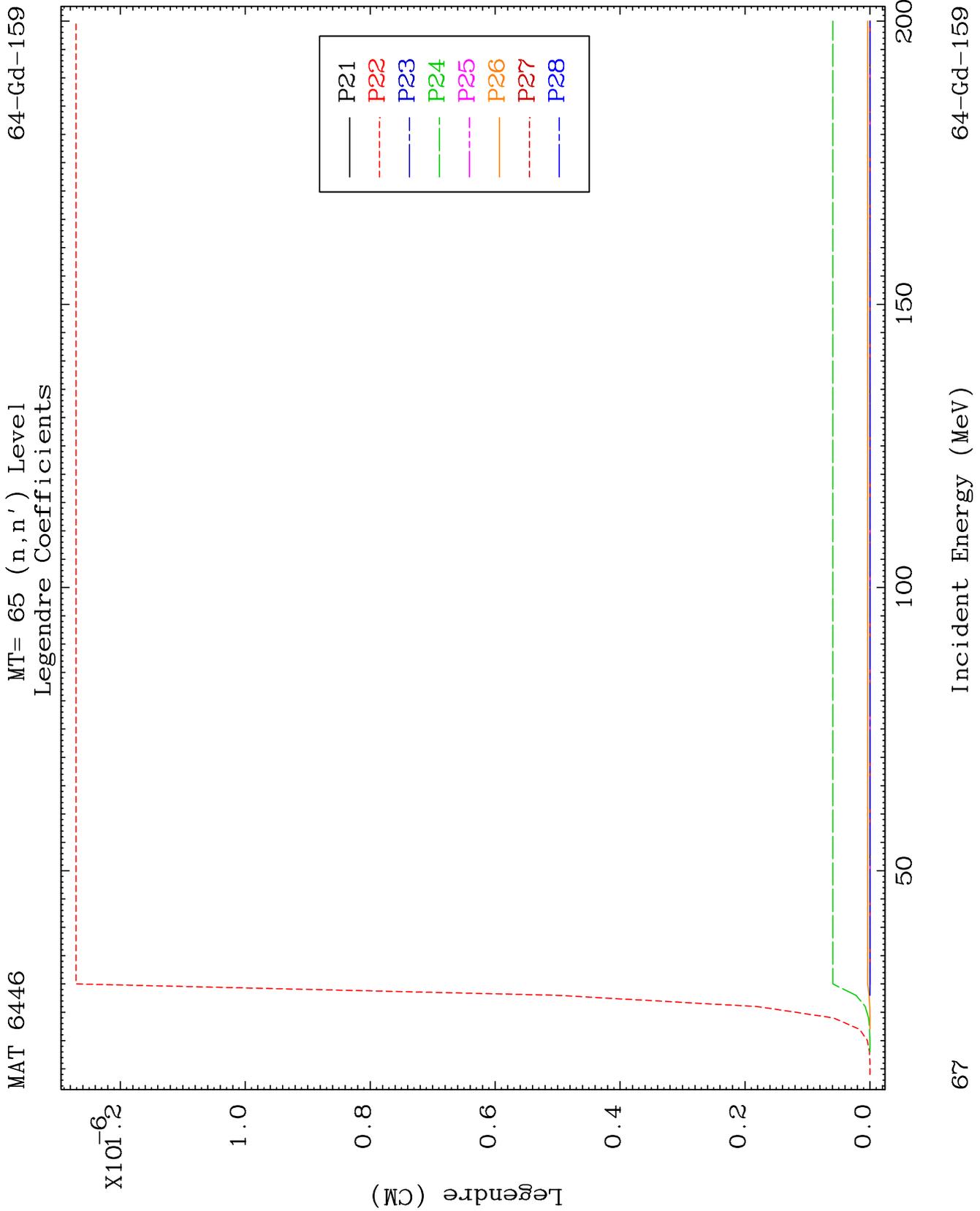
MT= 65 (n,n') Level
Legendre Coefficients

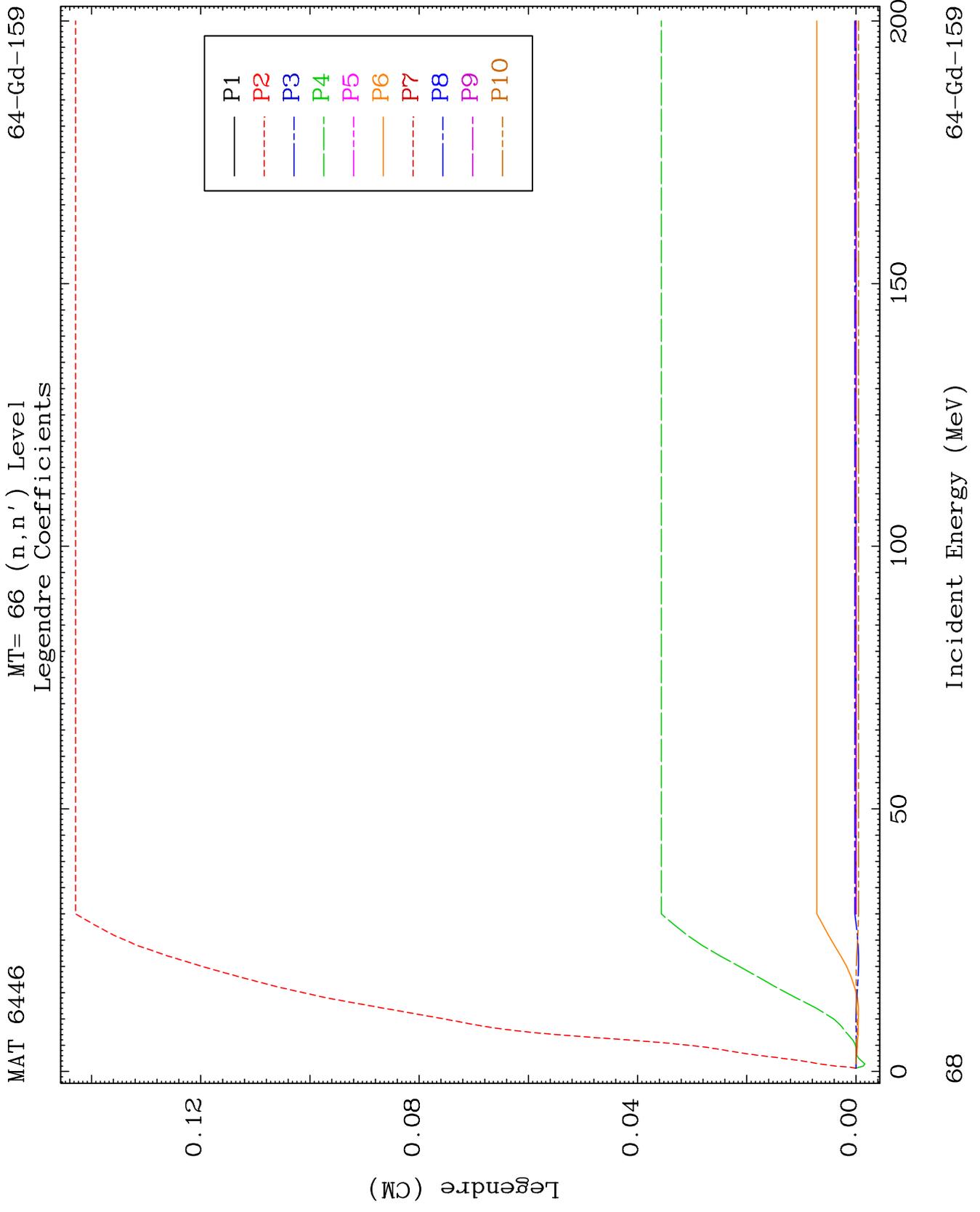
64-Gd-159



66

64-Gd-159

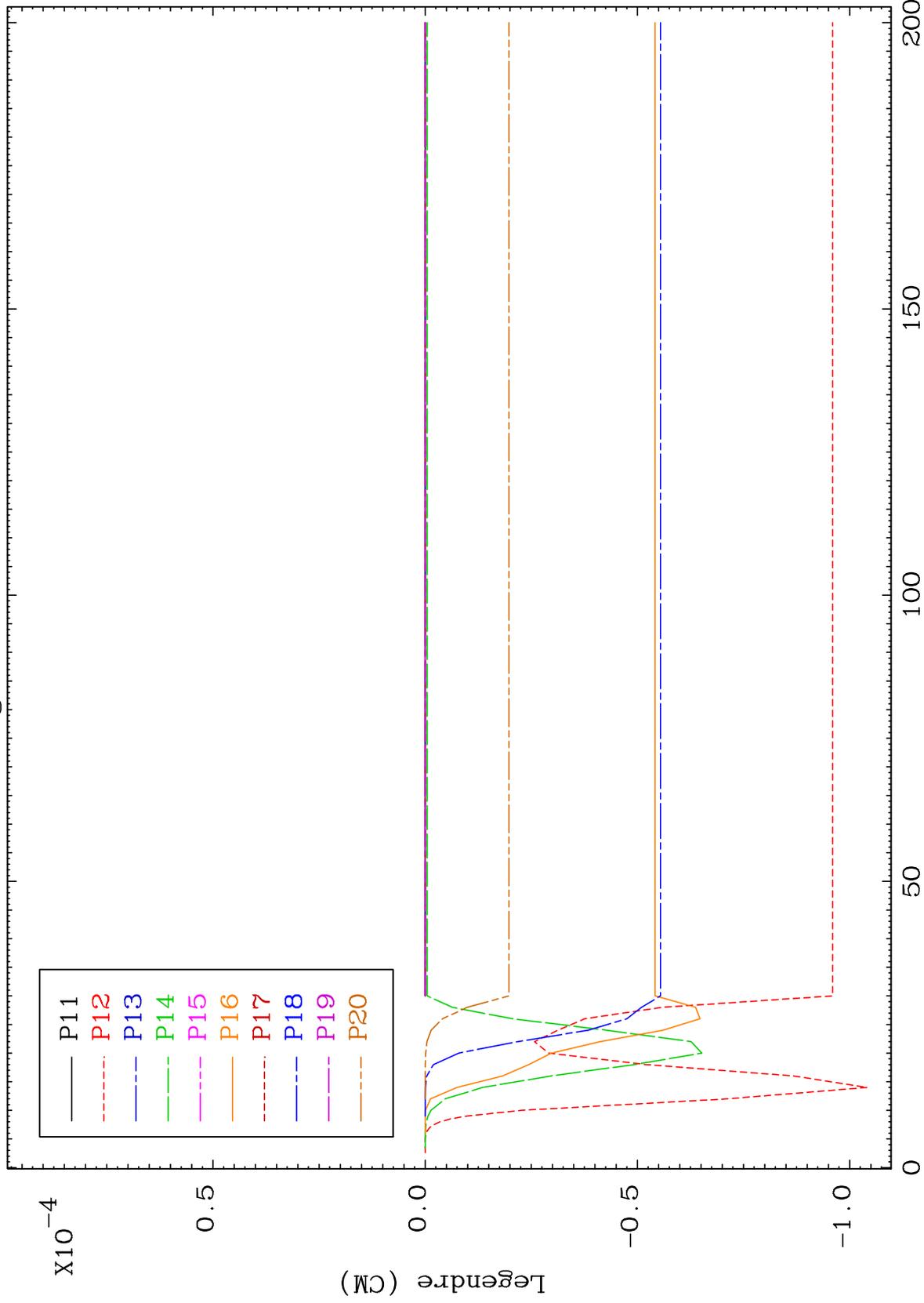




MAT 6446

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

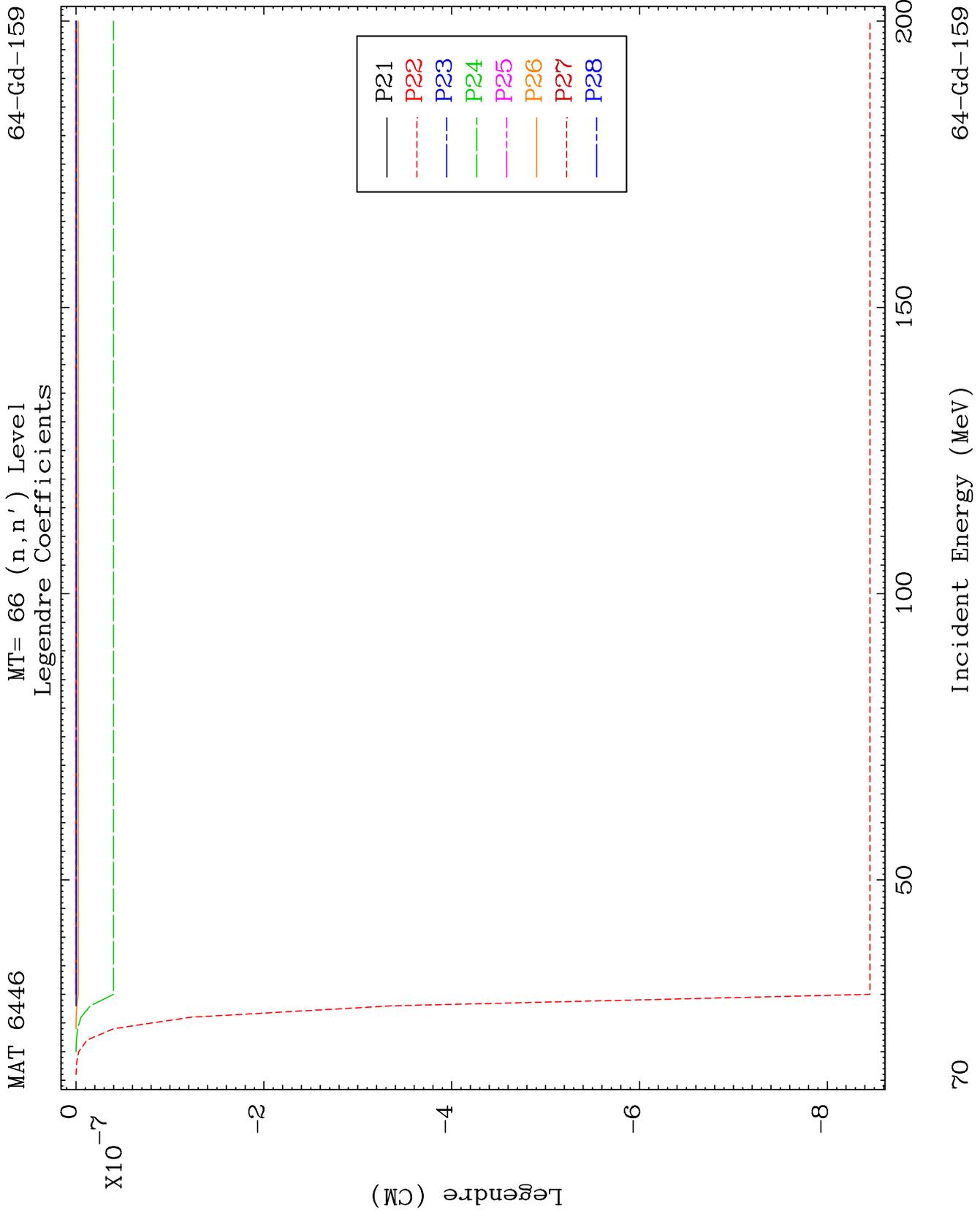
64-Gd-159



69

Incident Energy (MeV)

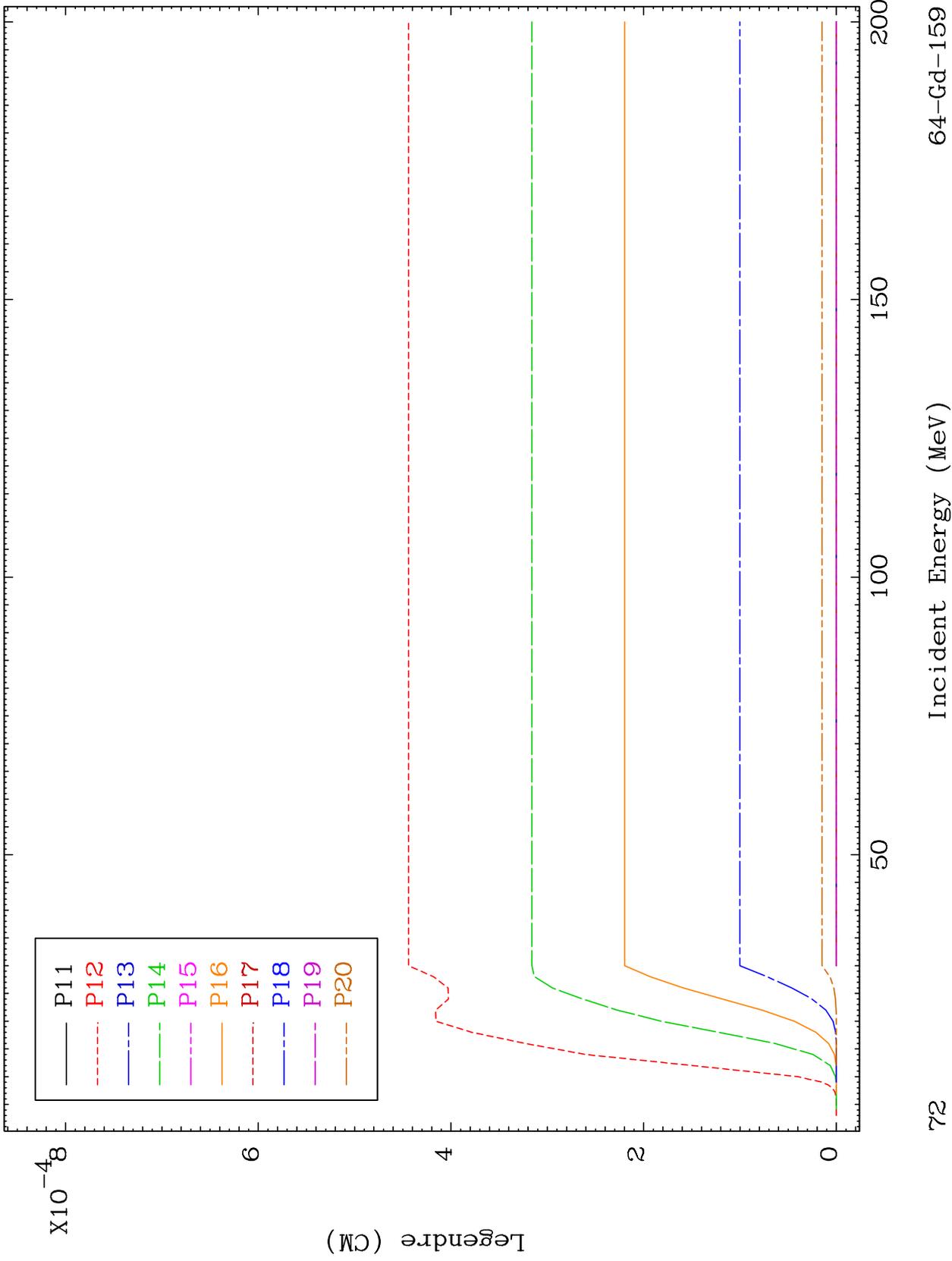
64-Gd-159



MAT 6446

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

64-Gd-159



72

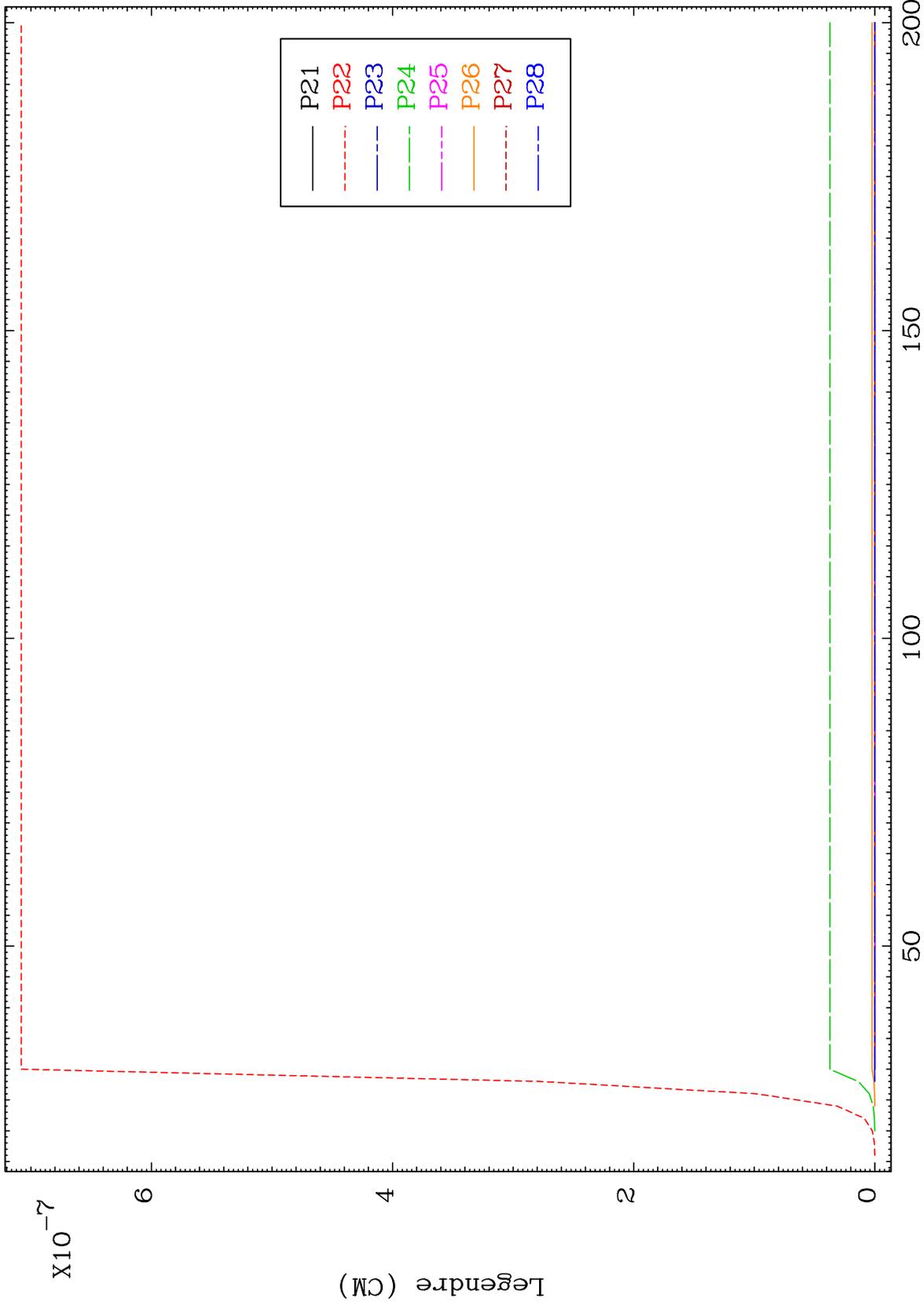
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



73

Incident Energy (MeV)

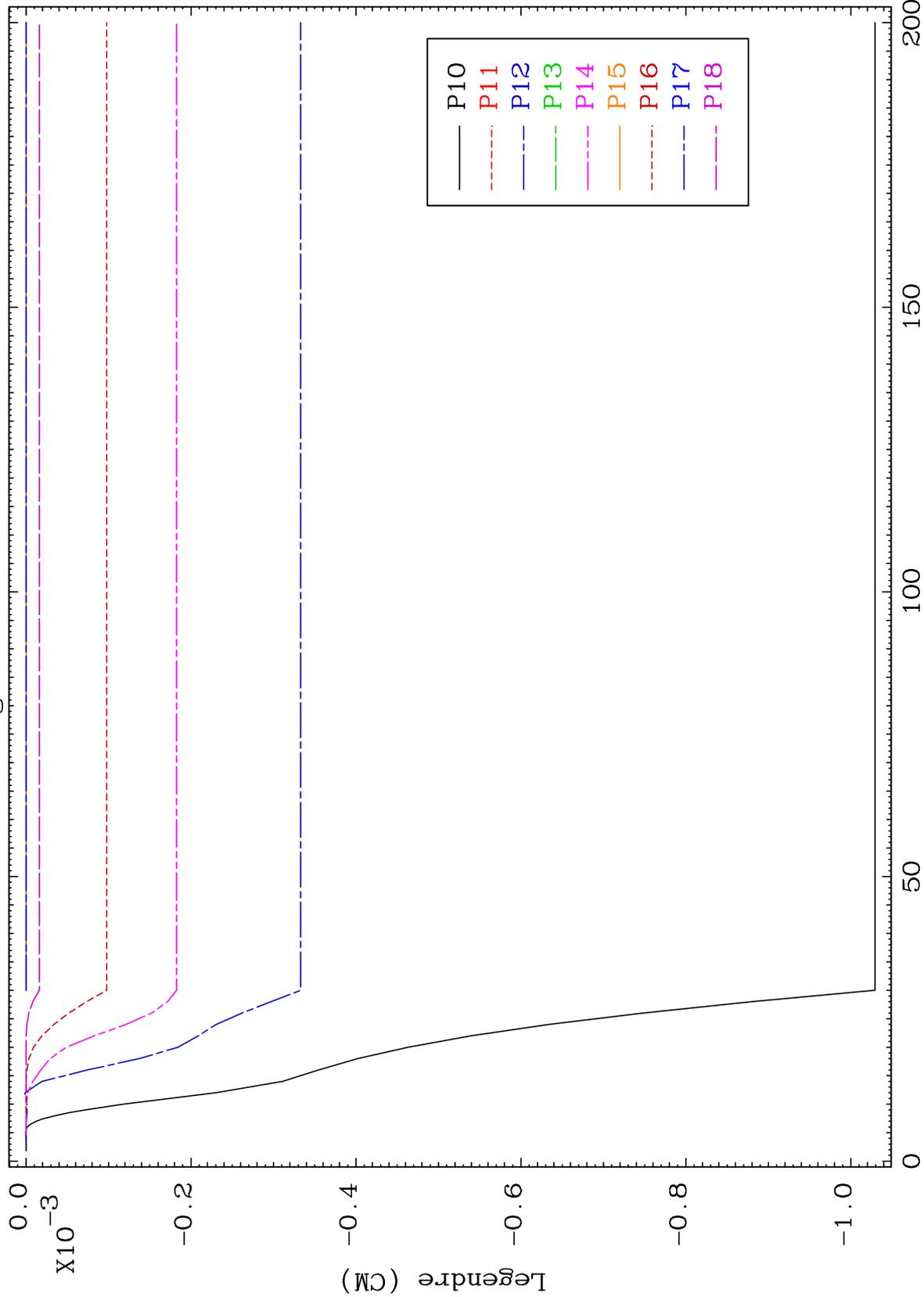
64-Gd-159

MAT 6446

MT= 68 (n,n') Level

64-Gd-159

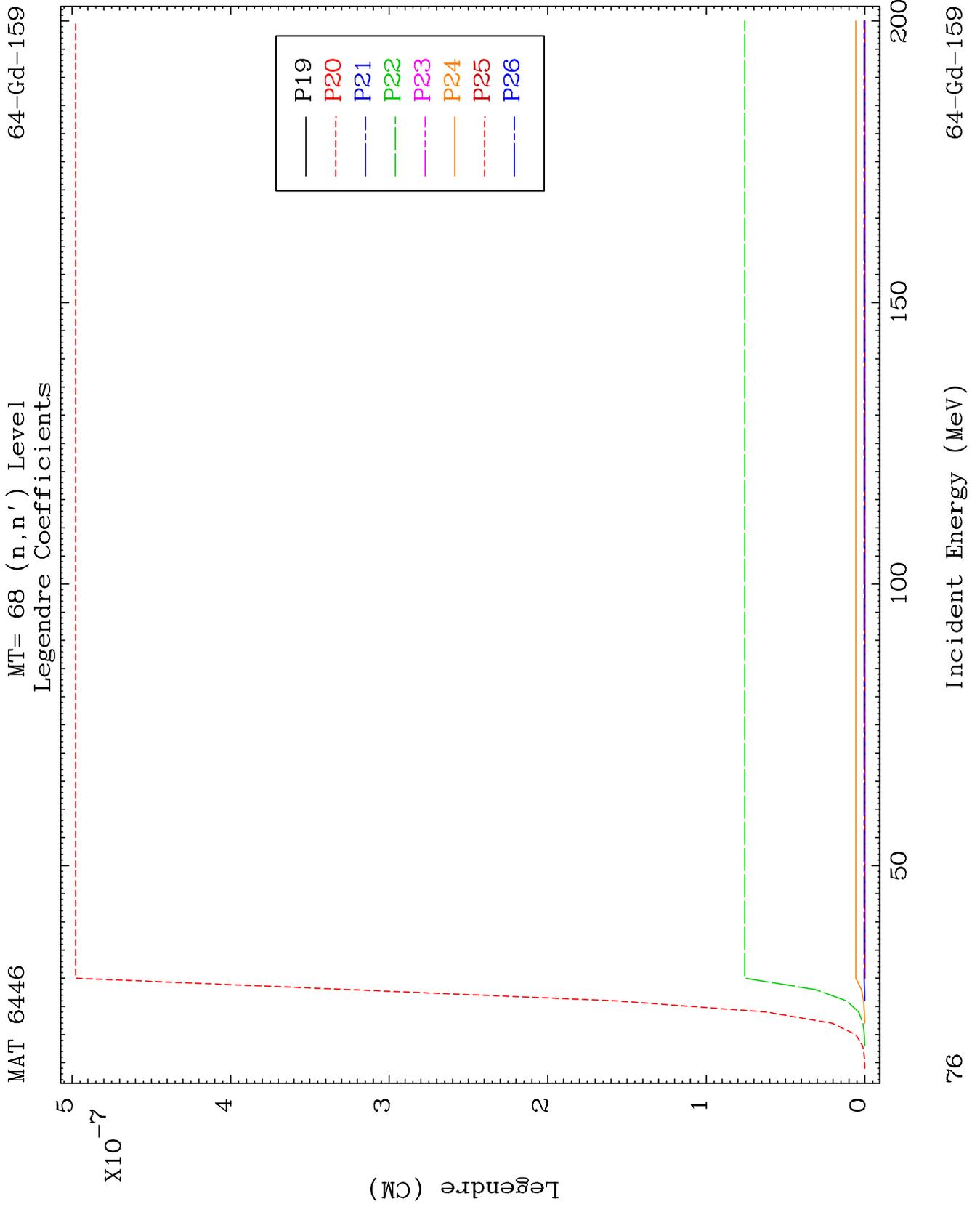
Legendre Coefficients

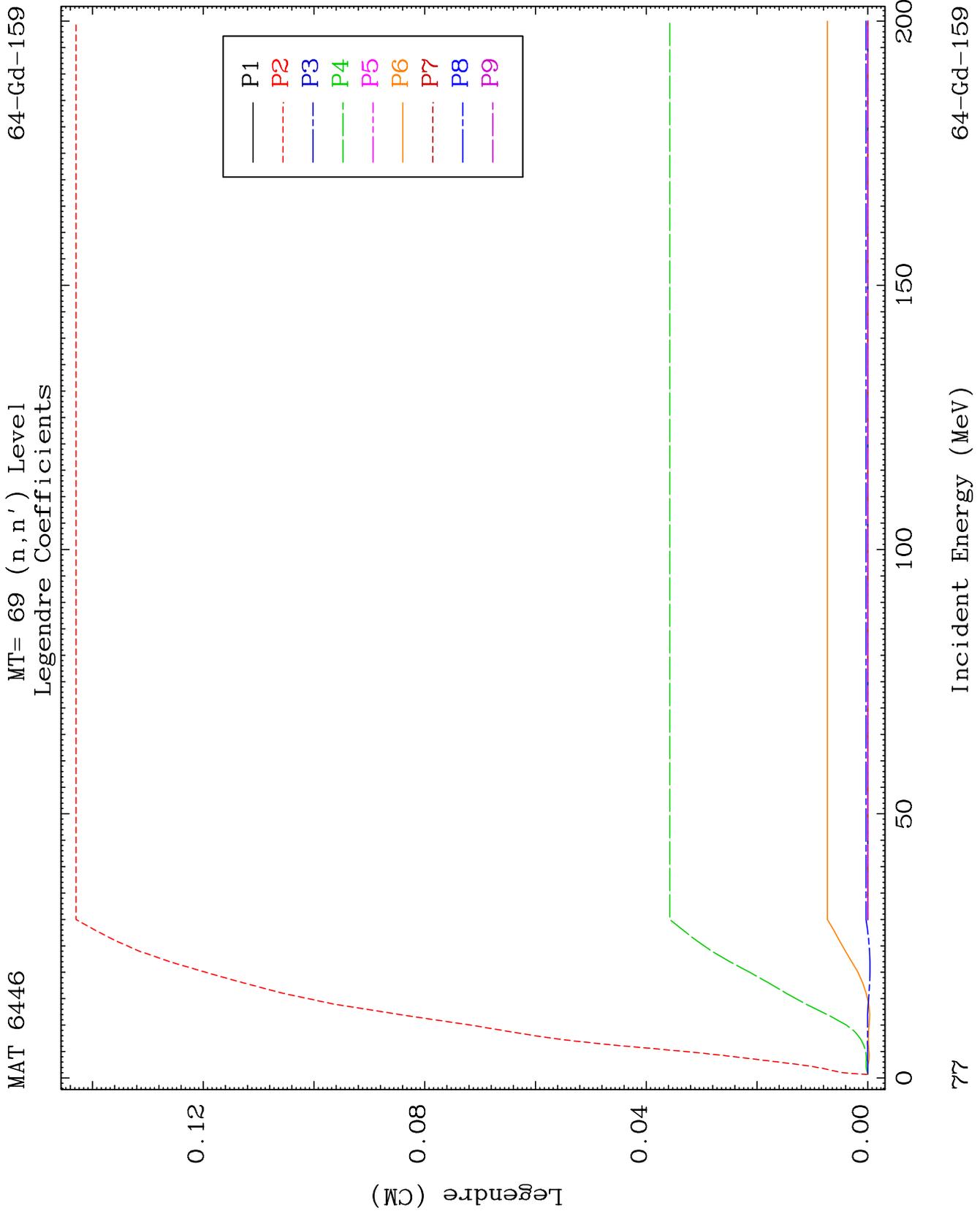


64-Gd-159

Incident Energy (MeV)

75

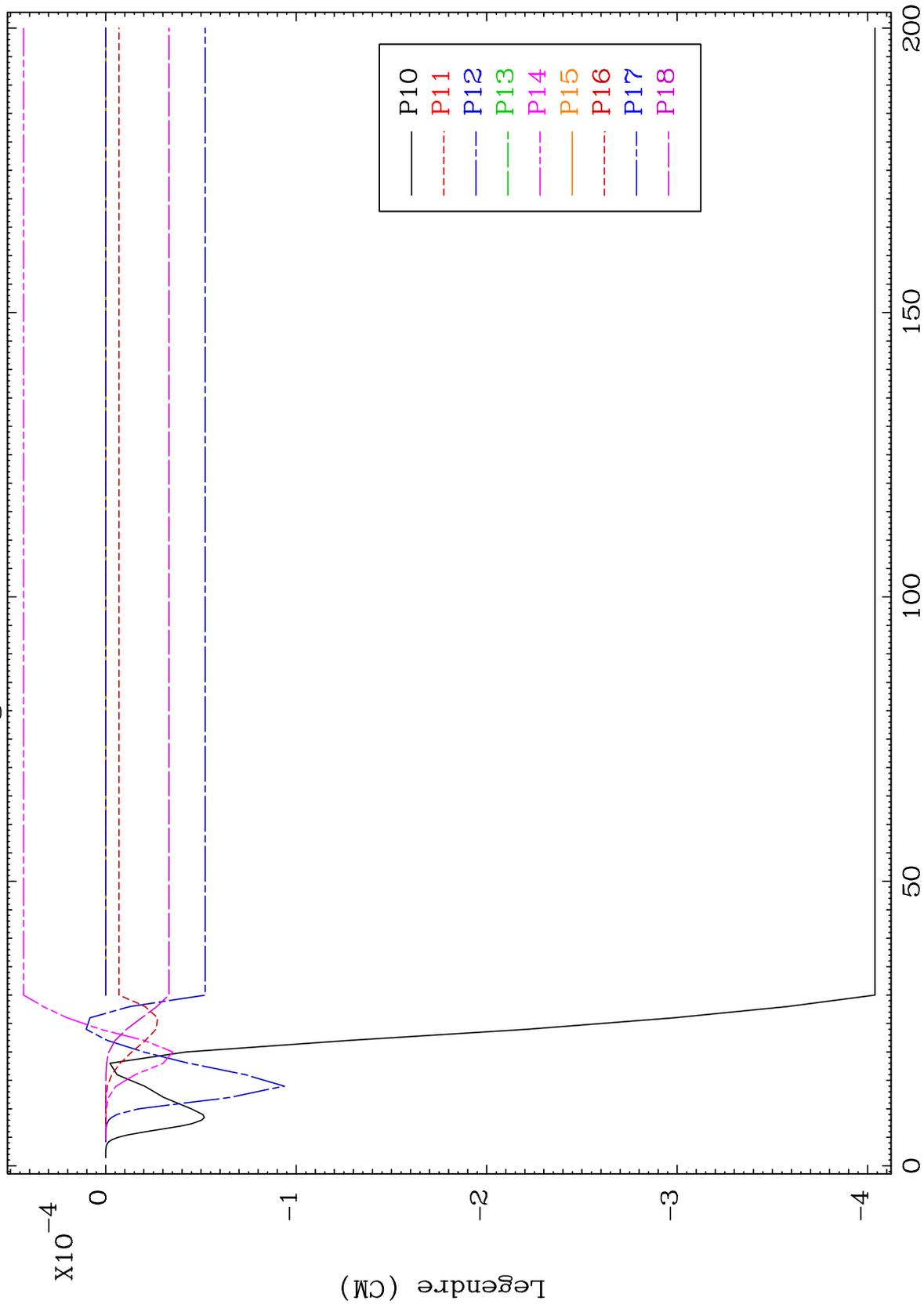




MAT 6446

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

64-Gd-159



78

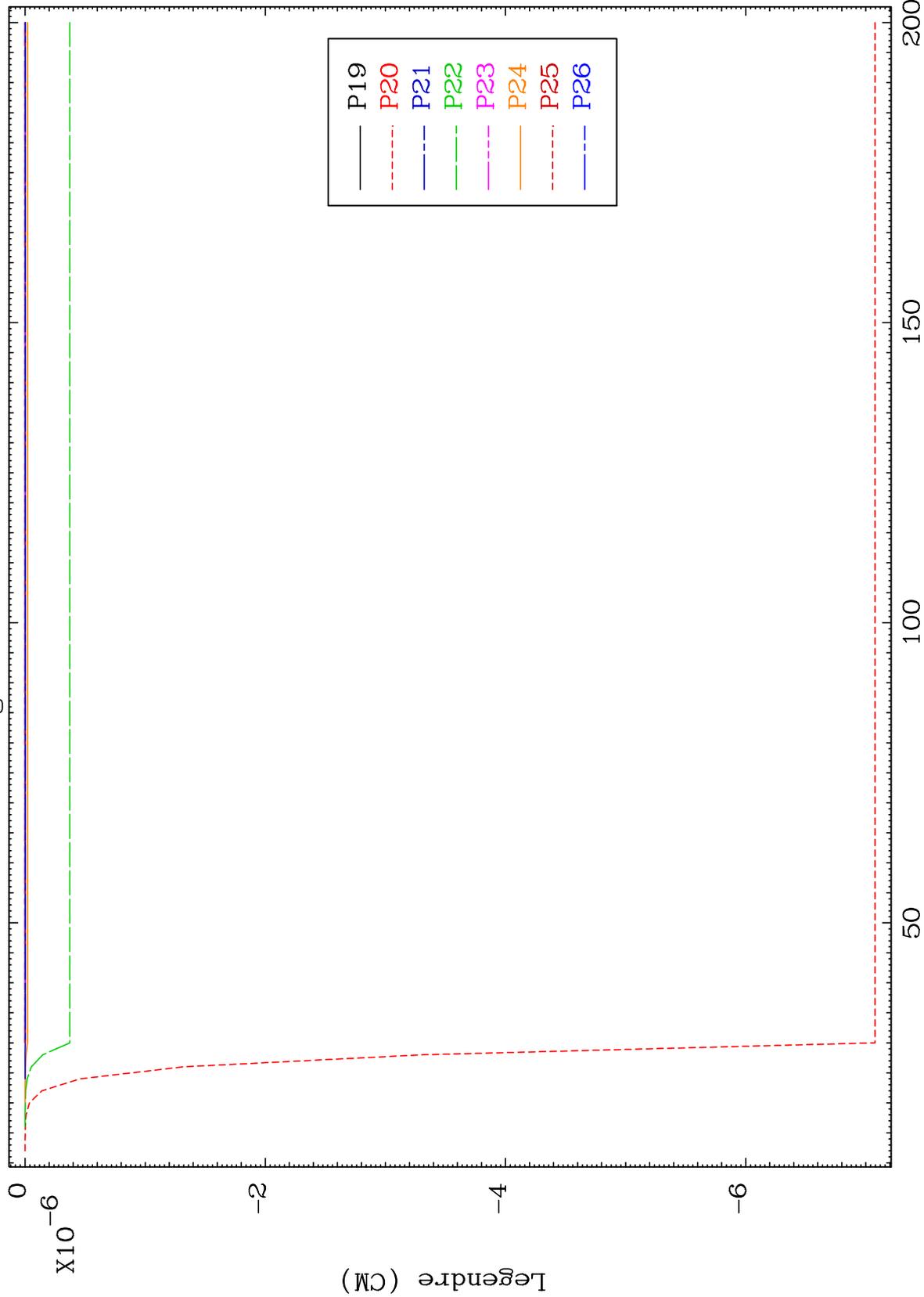
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

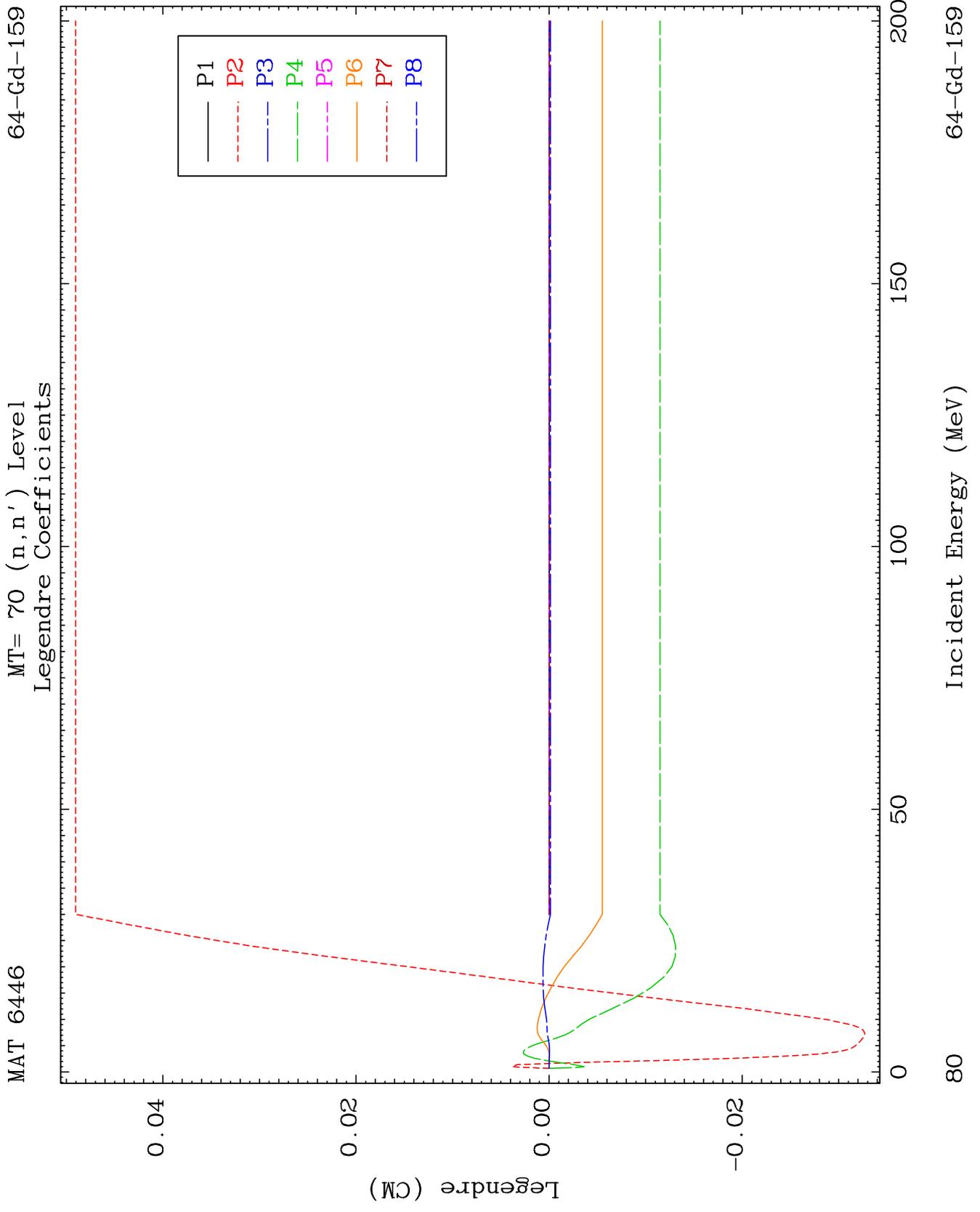
64-Gd-159



79

Incident Energy (MeV)

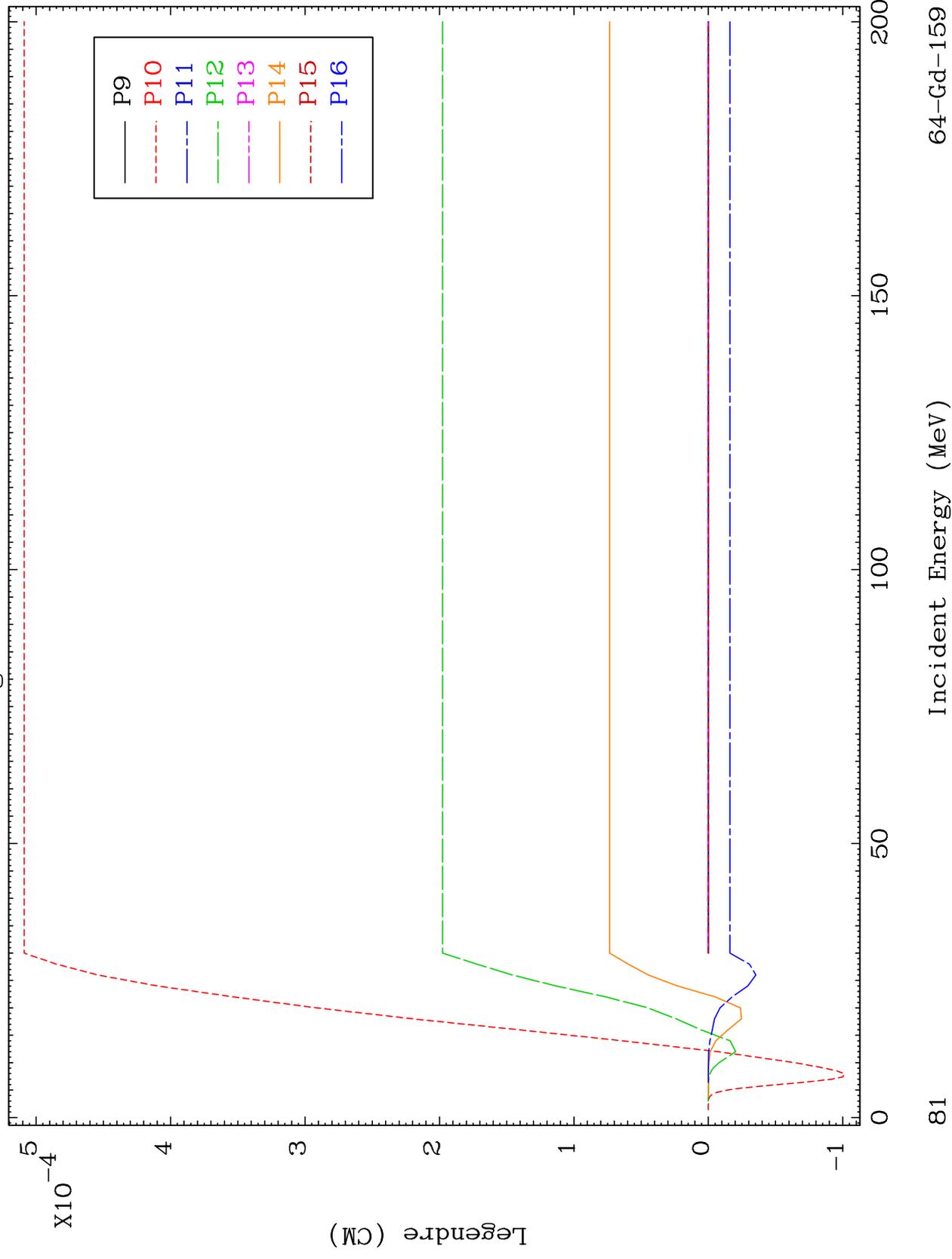
64-Gd-159



MAT 6446

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

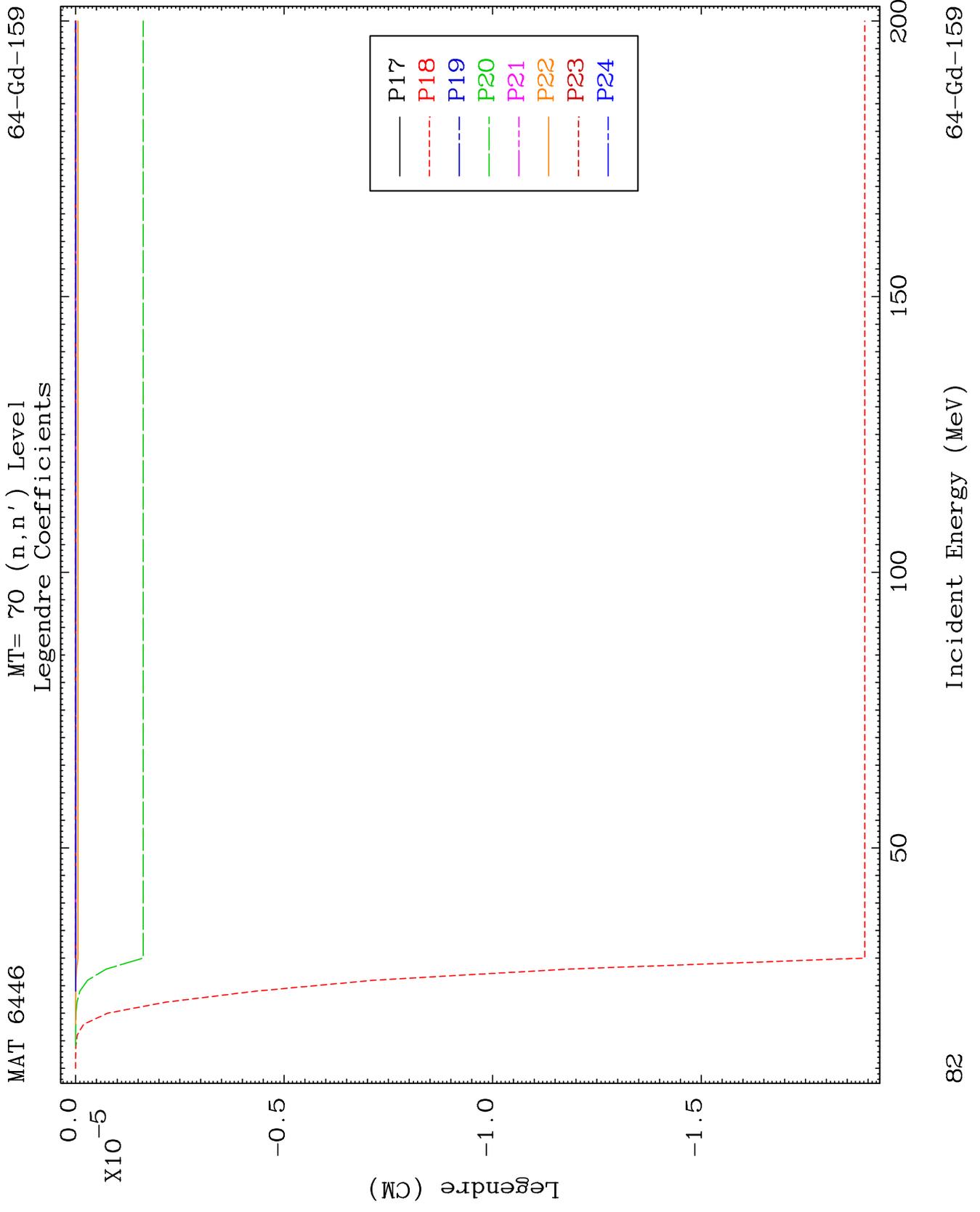
64-Gd-159



81

Incident Energy (MeV)

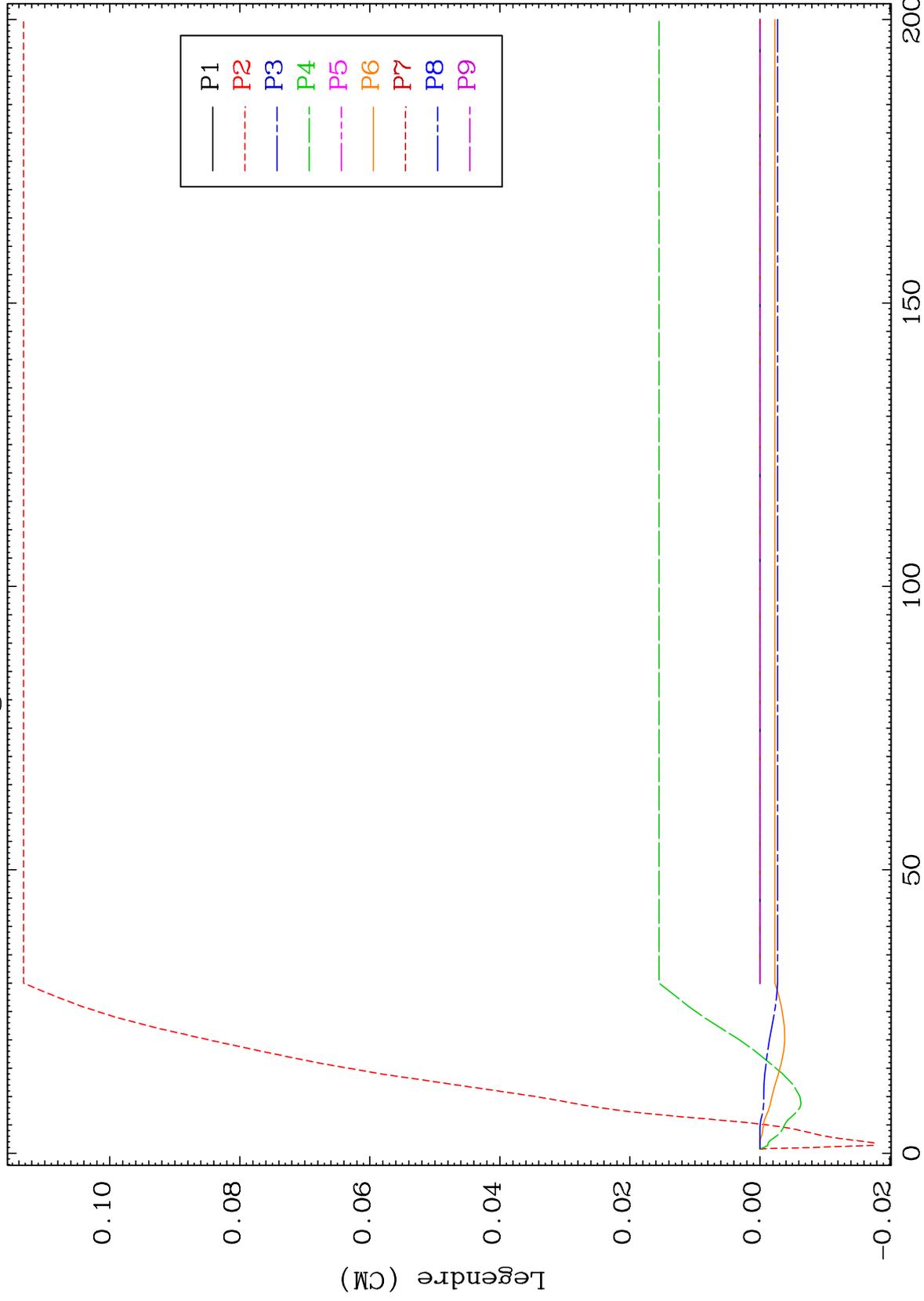
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

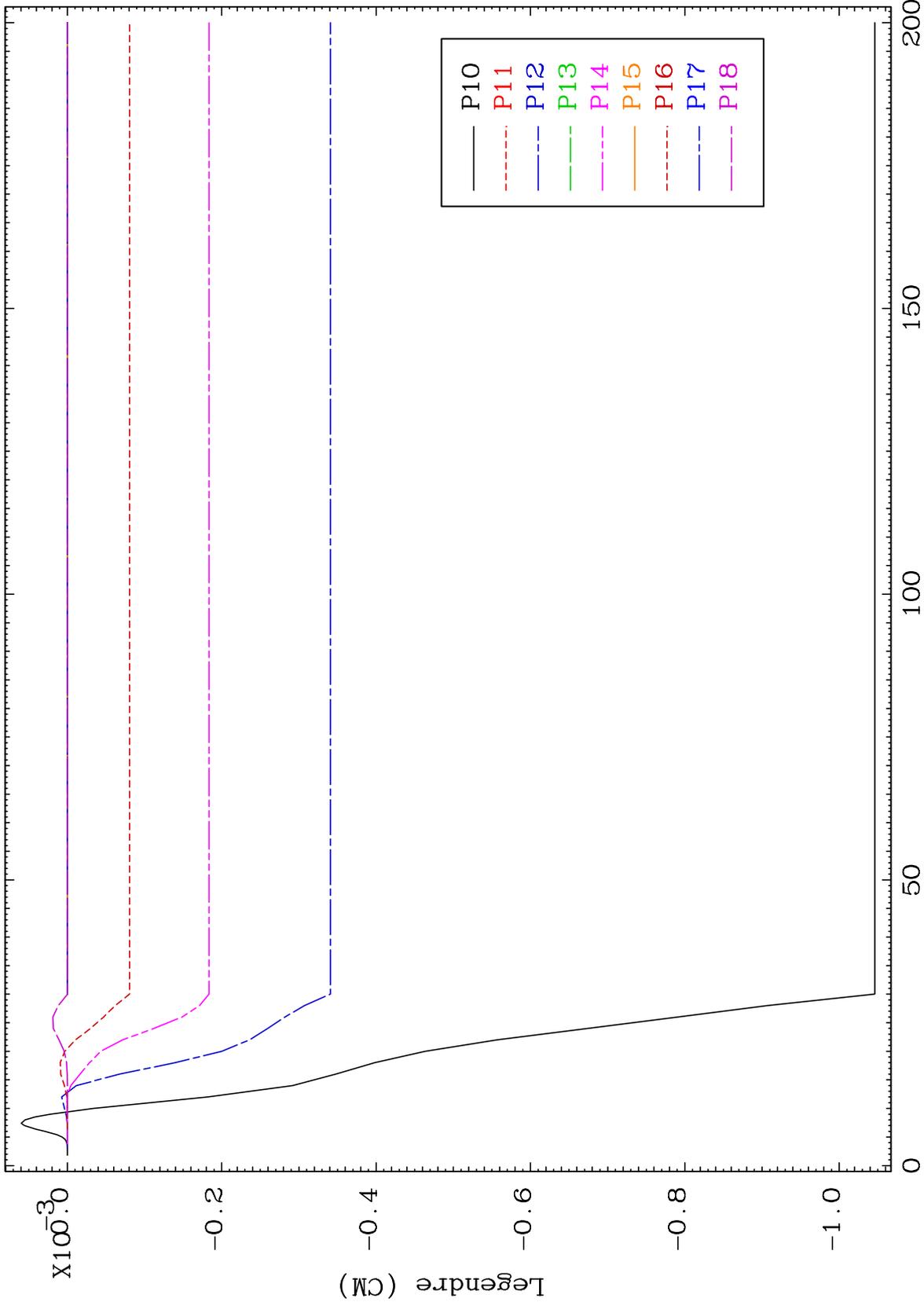
Incident Energy (MeV)

83

MAT 6446

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

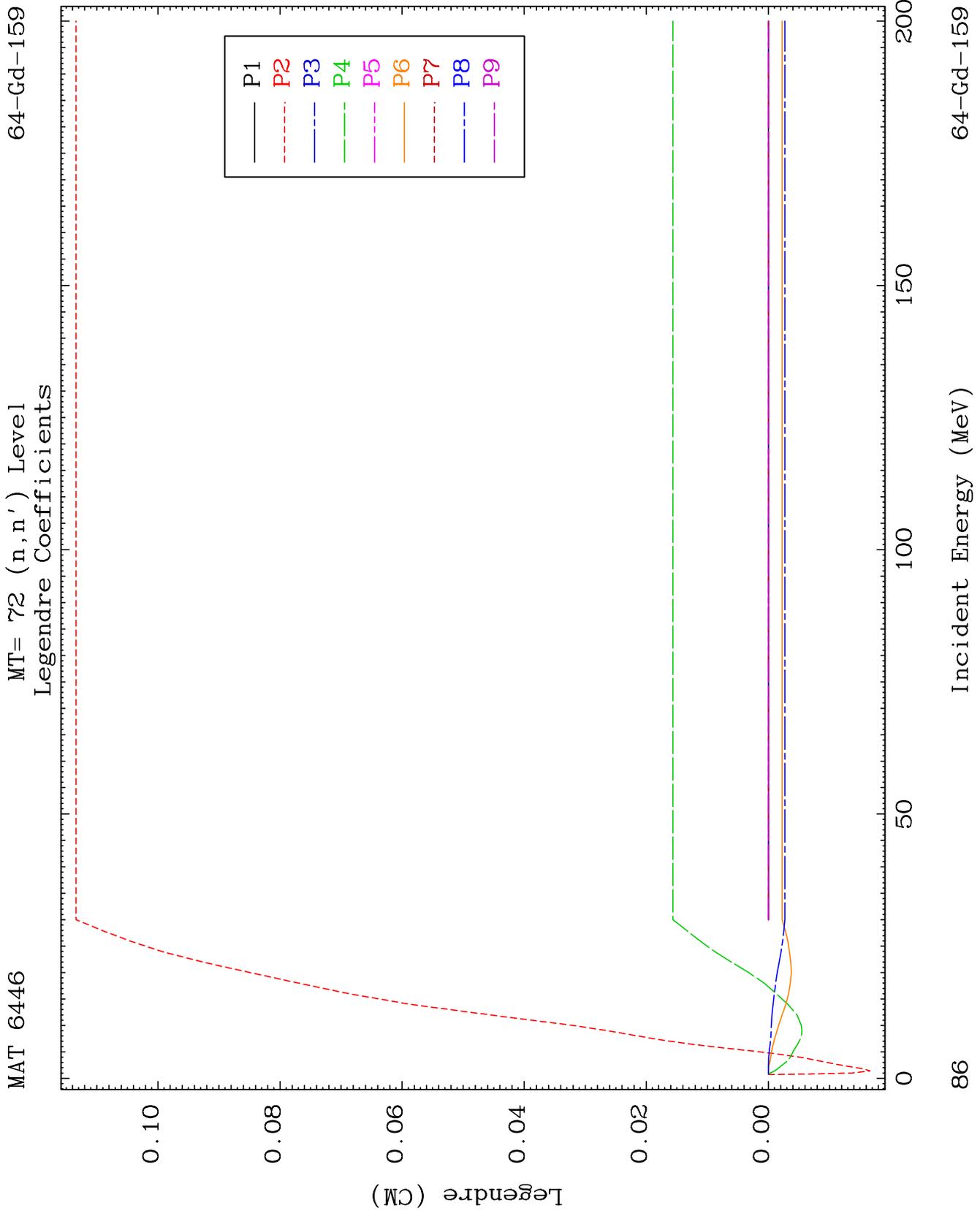
64-Gd-159



84

Incident Energy (MeV)

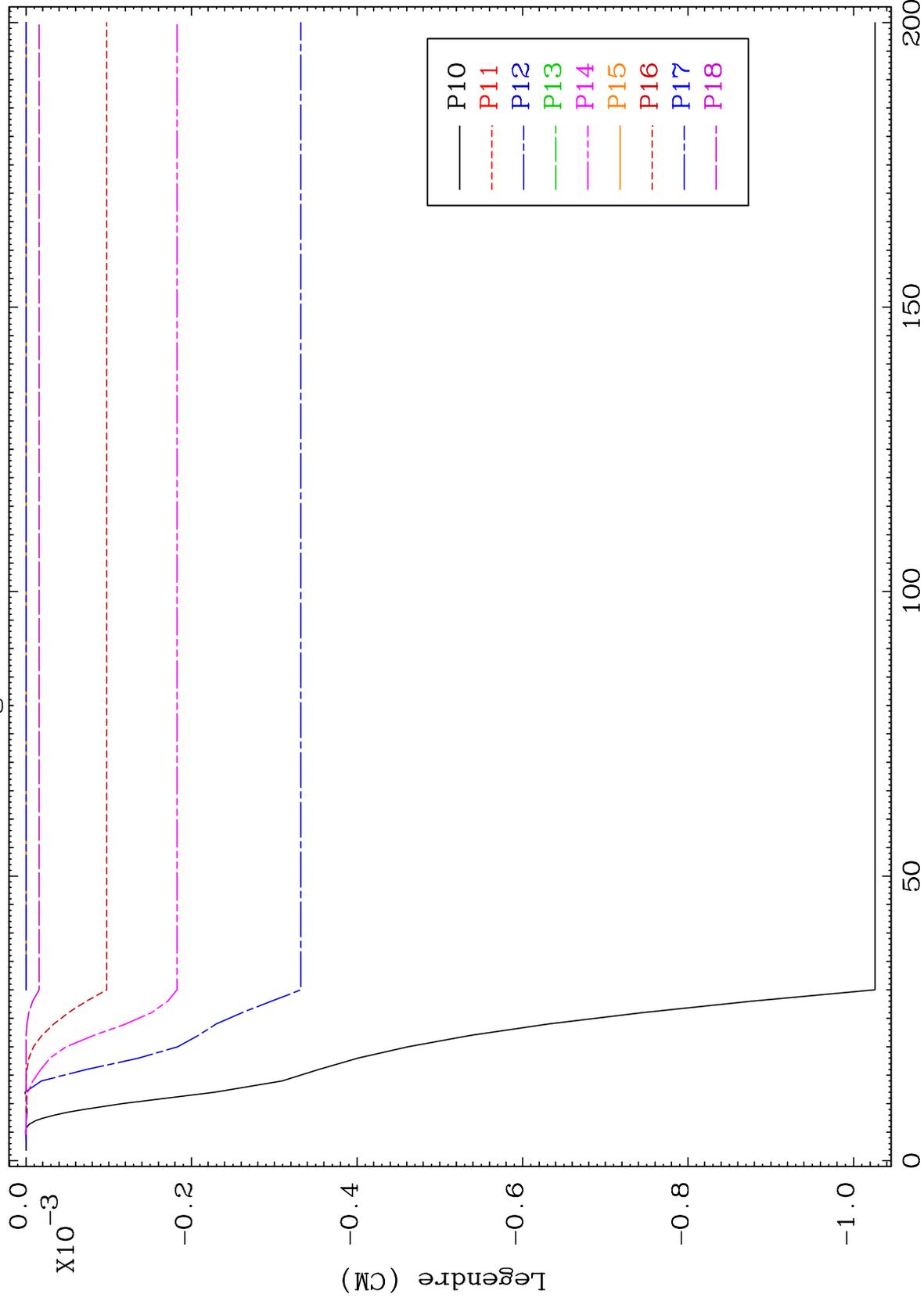
64-Gd-159



MAT 6446

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

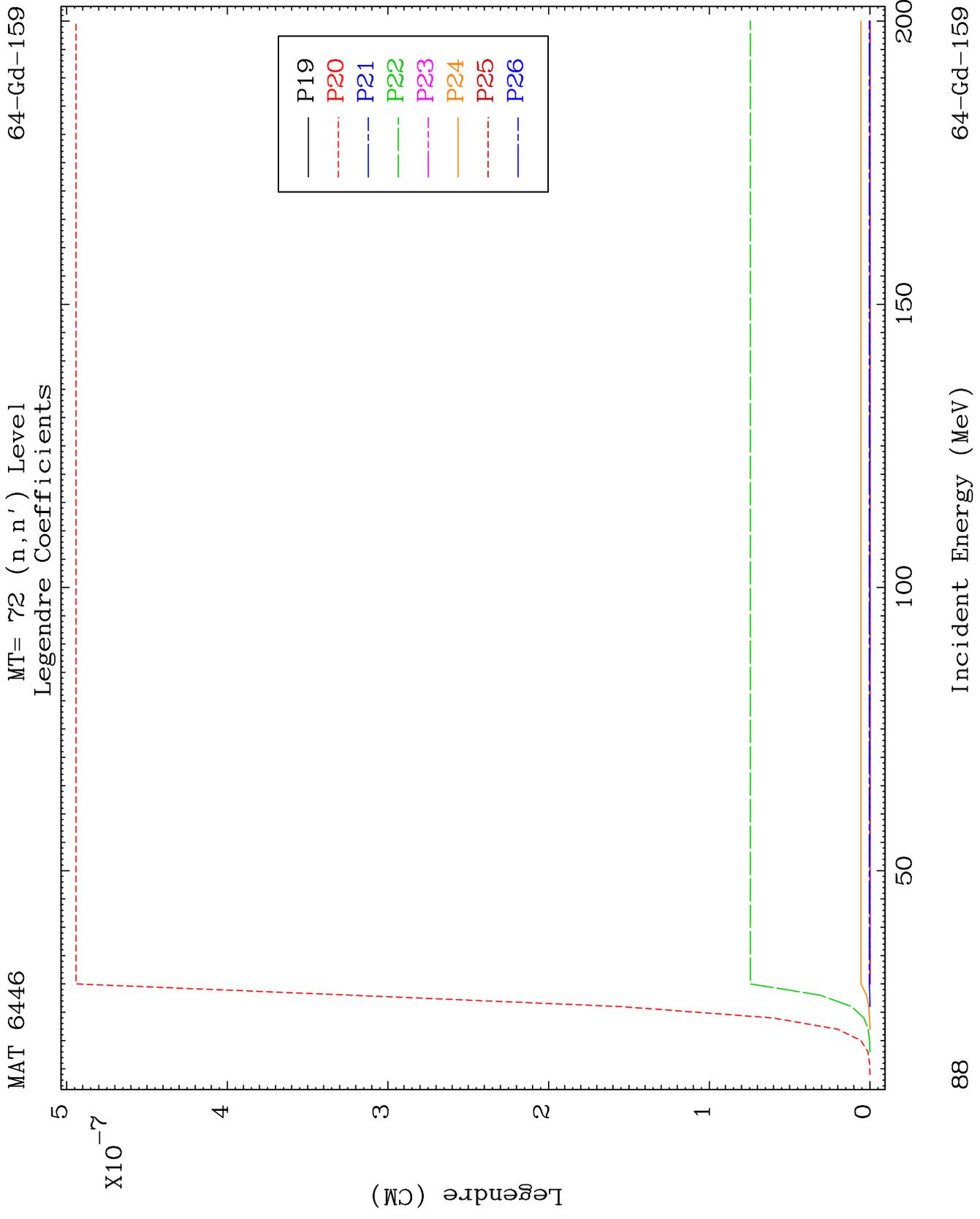
64-Gd-159

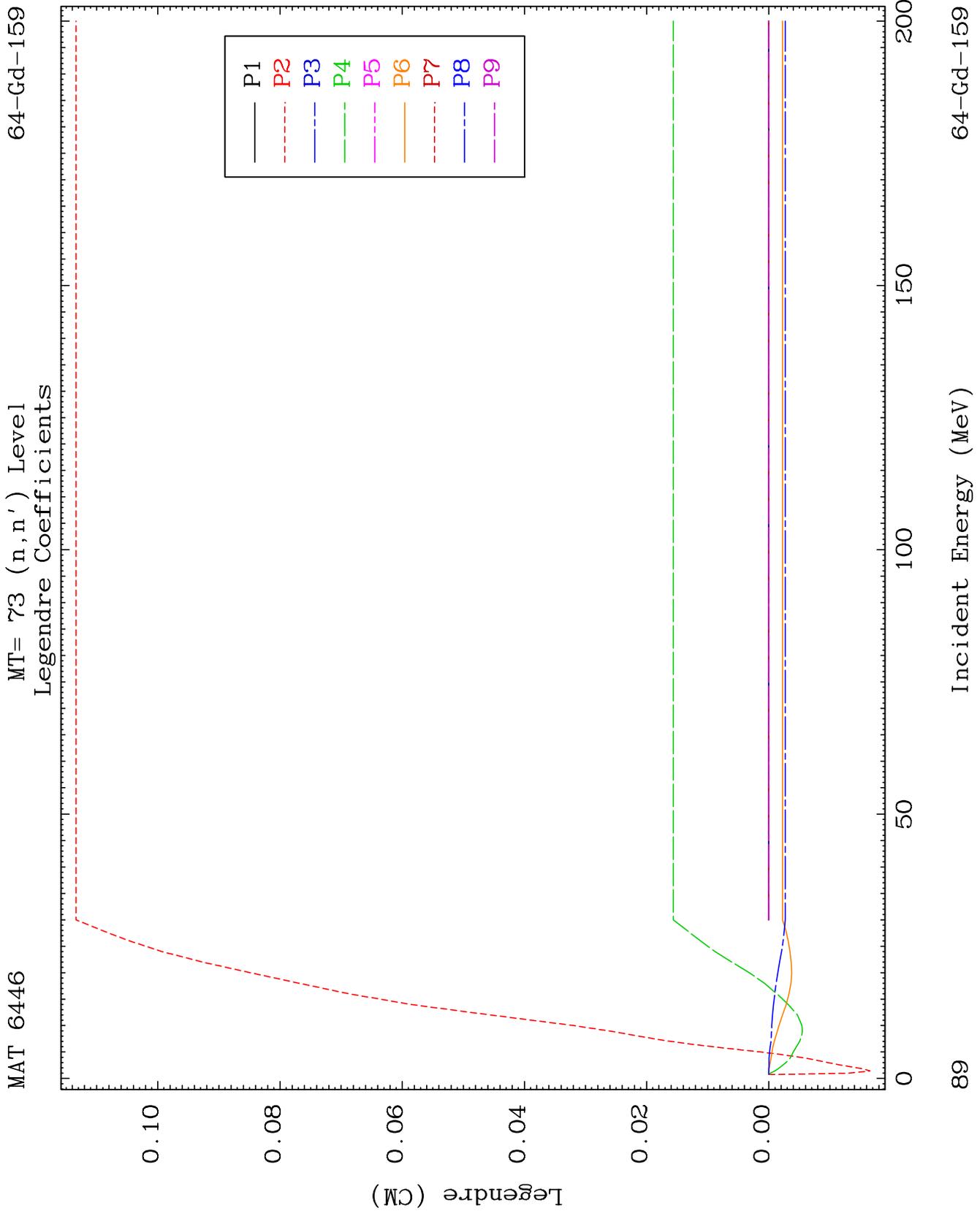


87

Incident Energy (MeV)

64-Gd-159



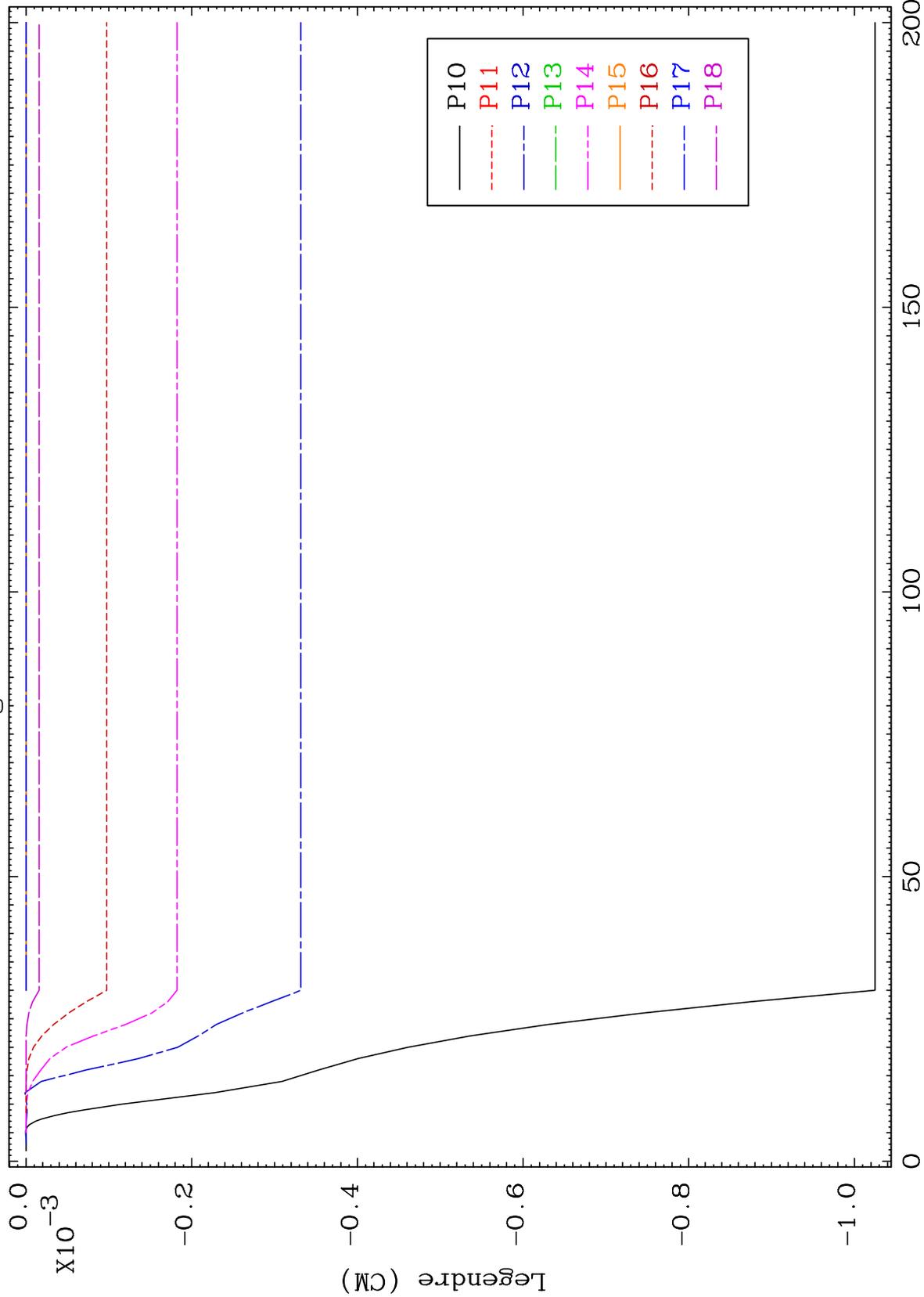


MAT 6446

MT= 73 (n,n') Level

64-Gd-159

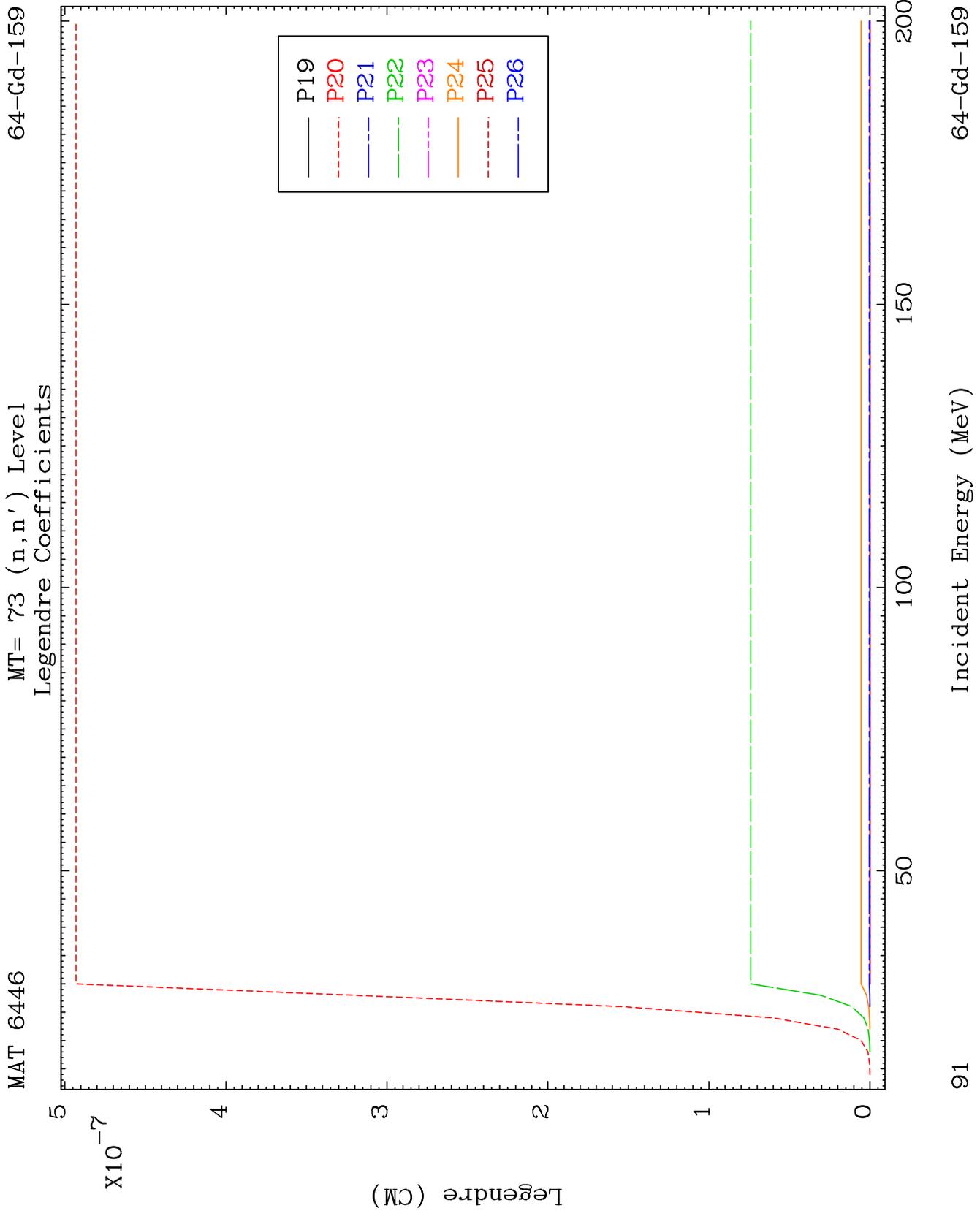
Legendre Coefficients

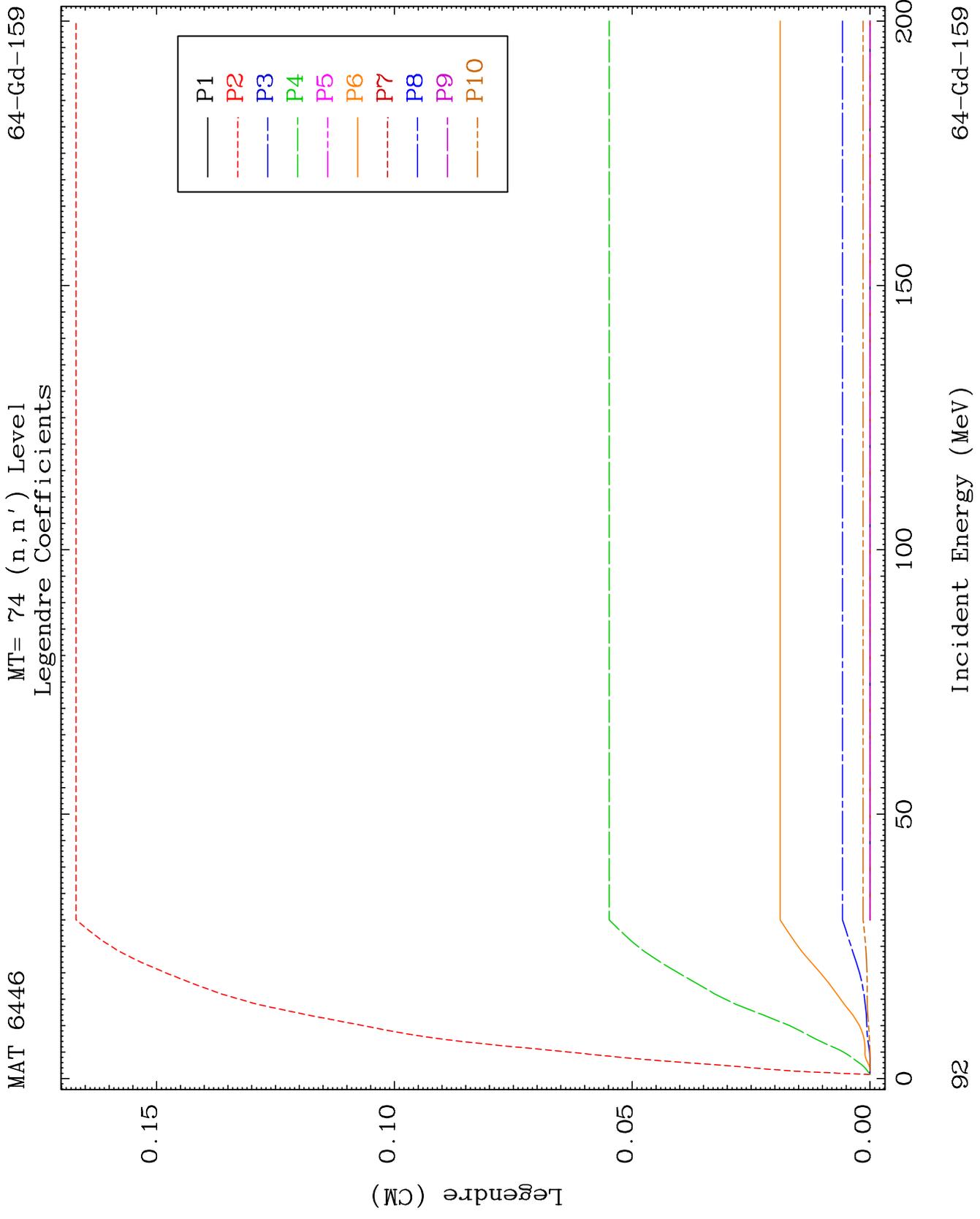


90

Incident Energy (MeV)

64-Gd-159

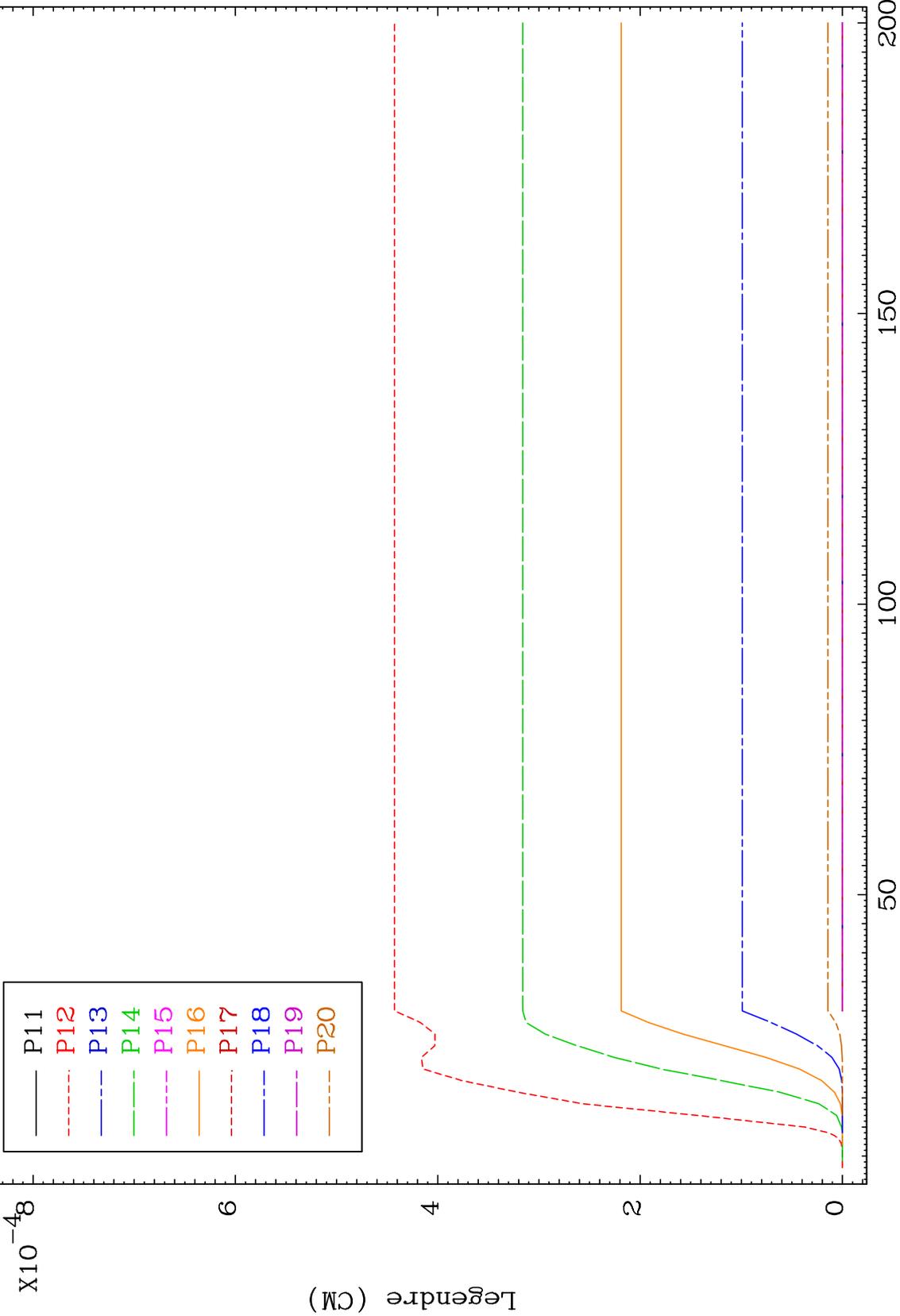
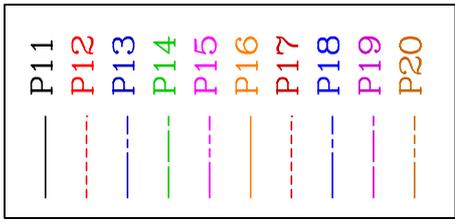




MAT 6446

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

64-Gd-159



93

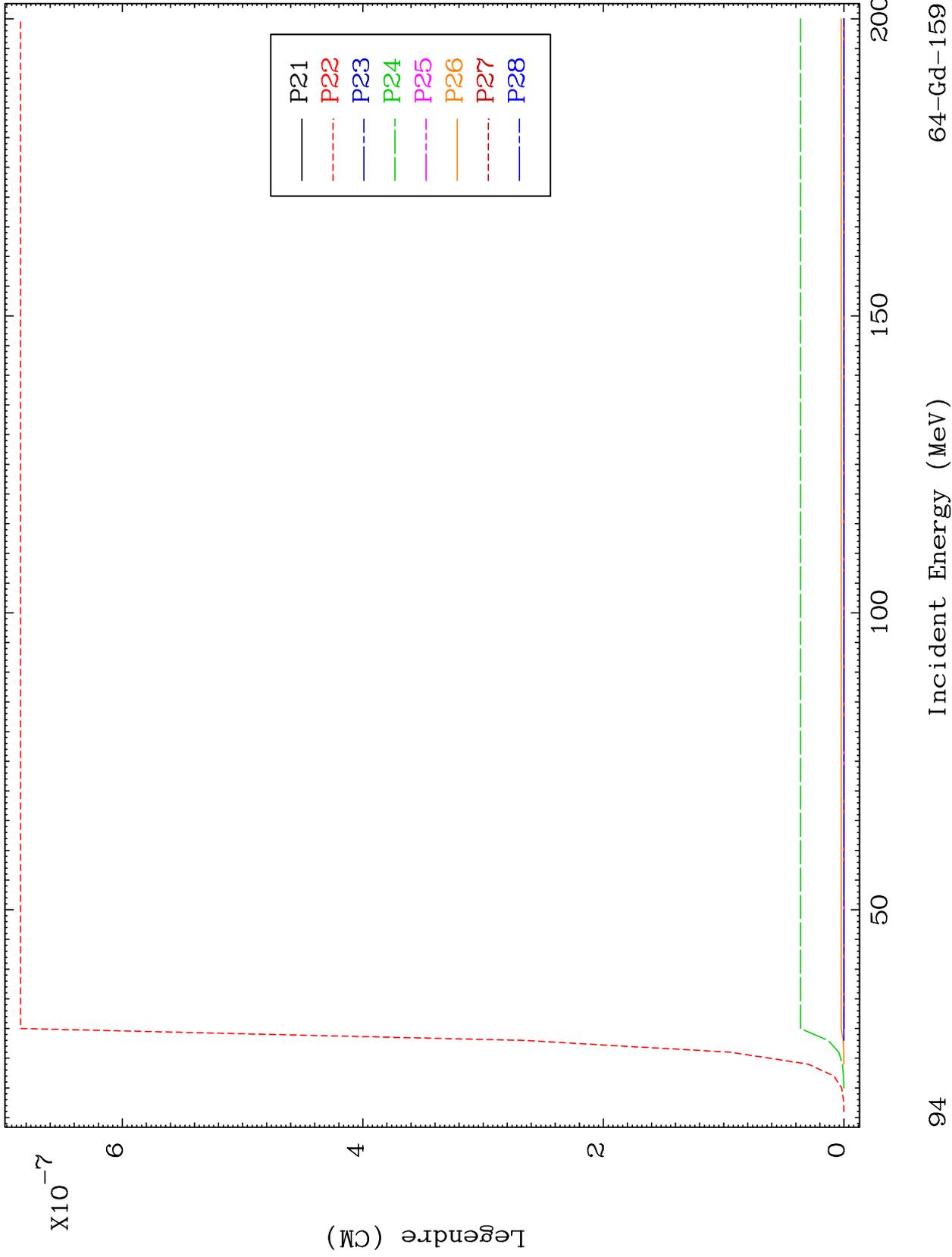
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



94

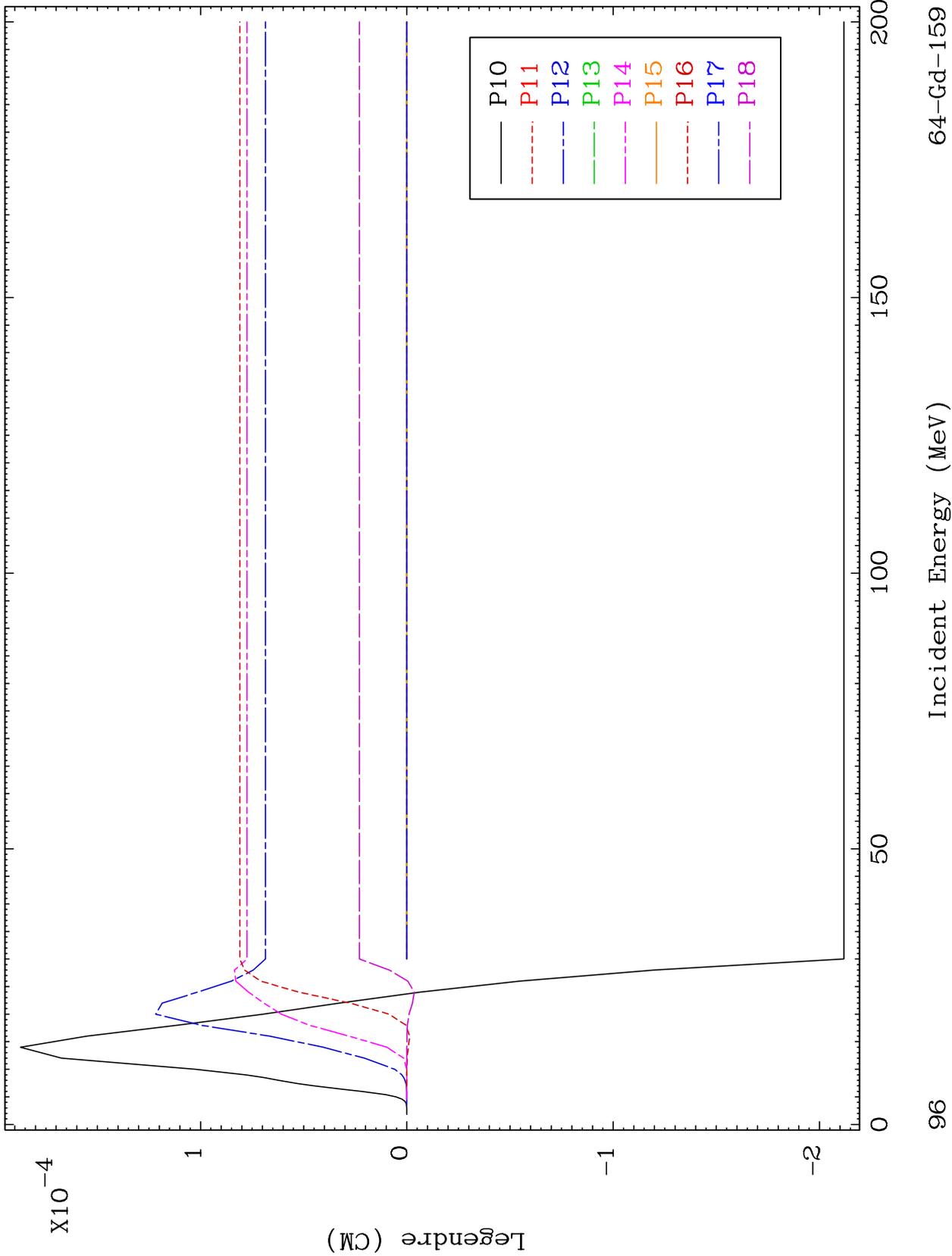
Incident Energy (MeV)

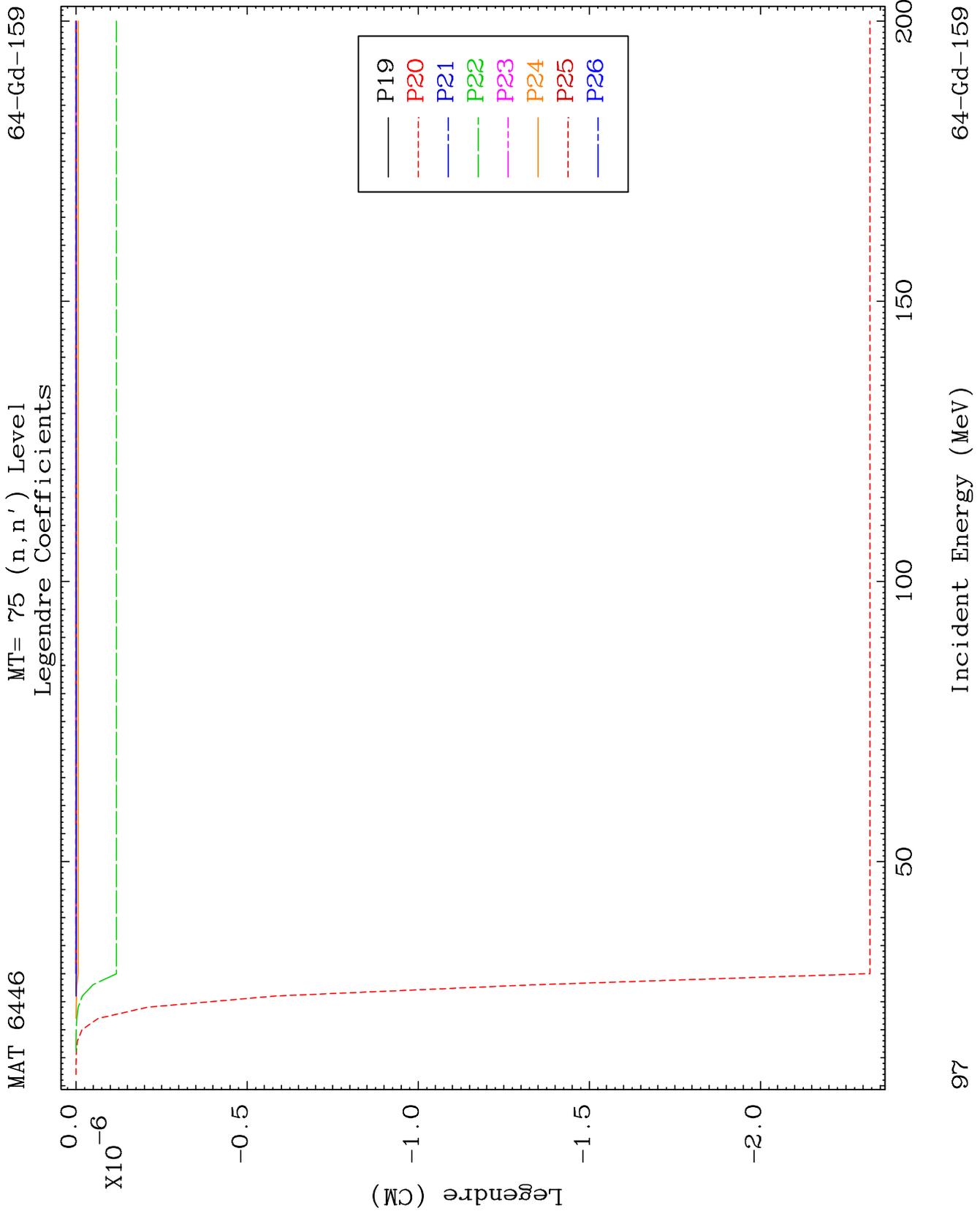
64-Gd-159

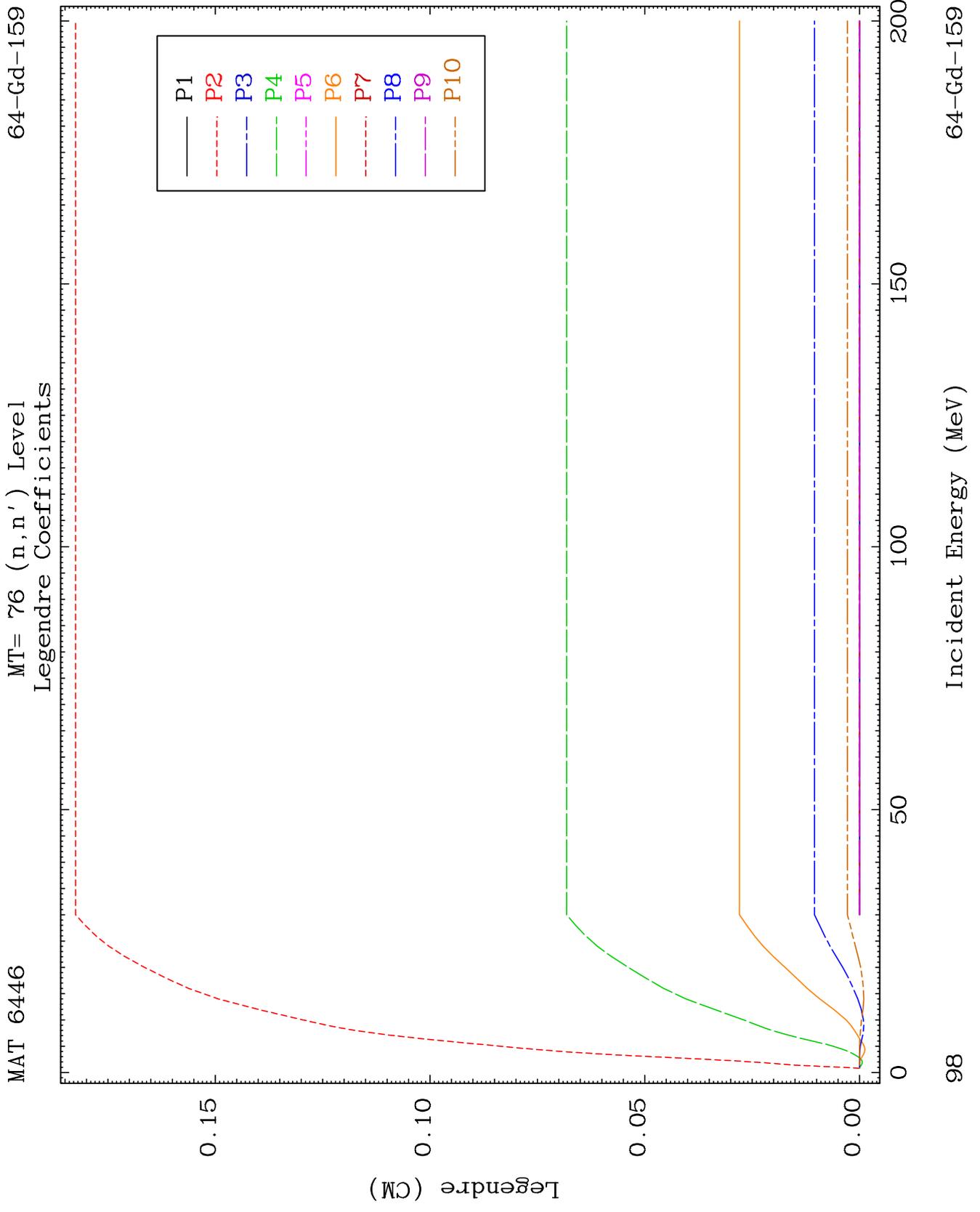
MAT 6446

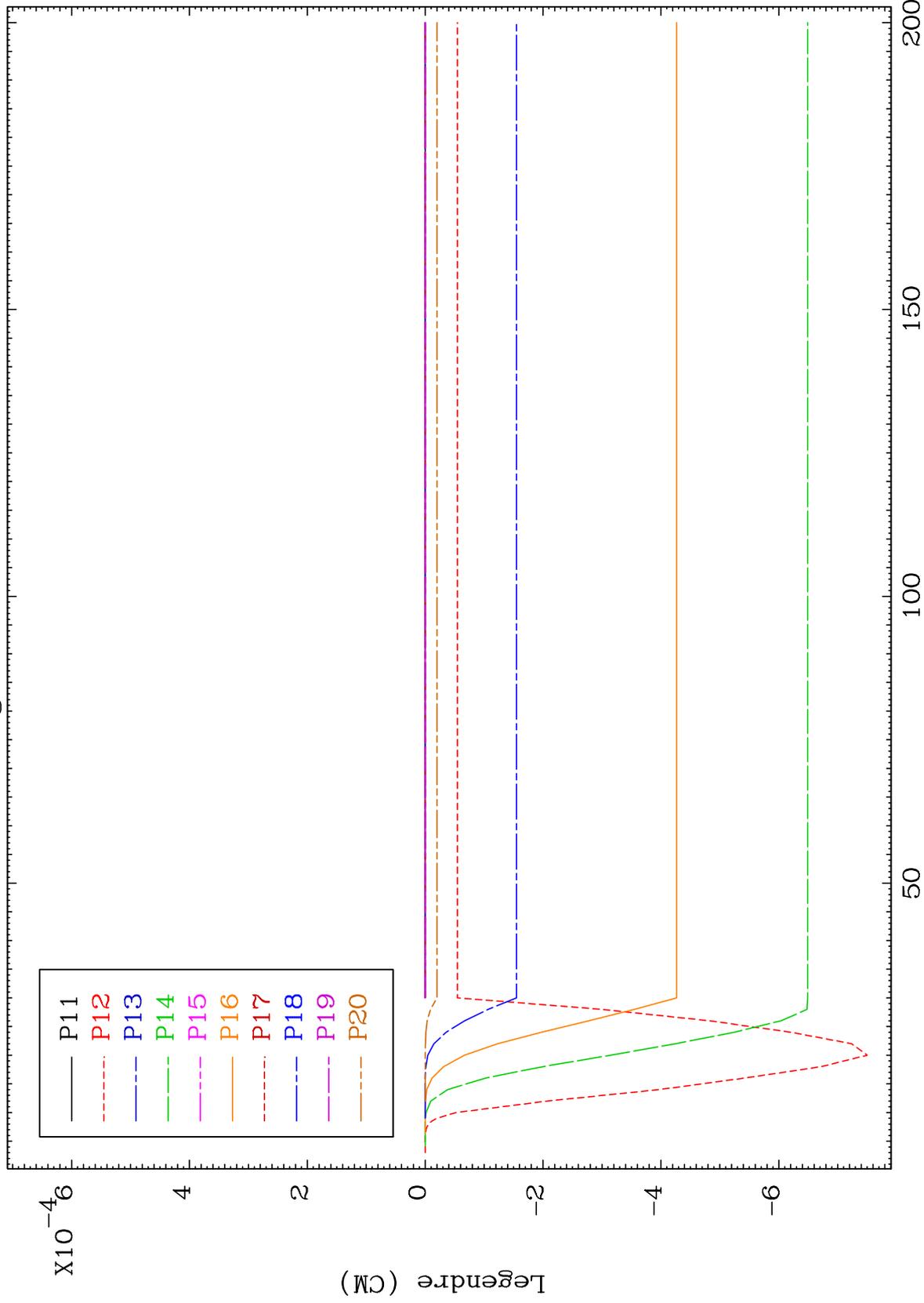
MT= 75 (n,n') Level
Legendre Coefficients

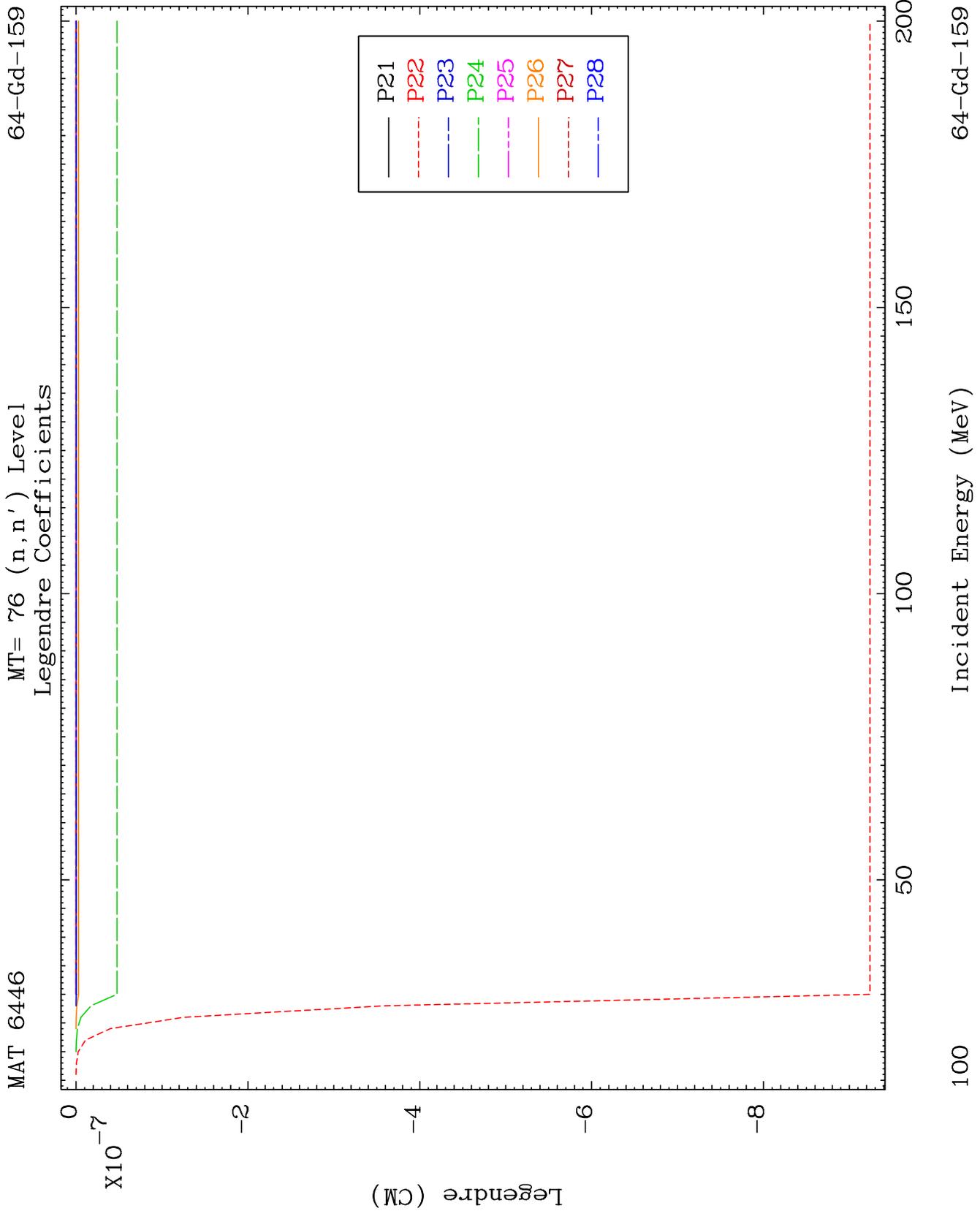
64-Gd-159

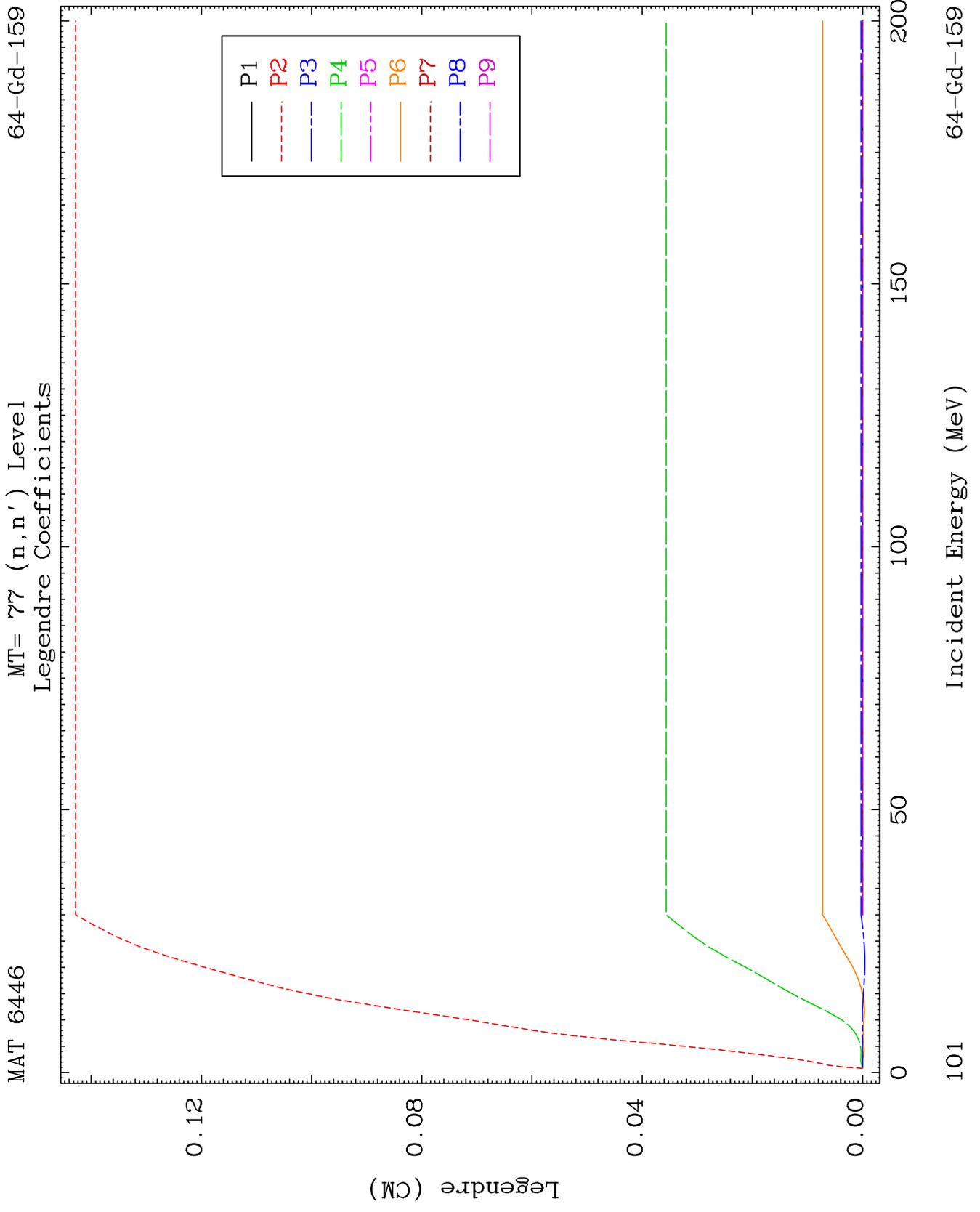








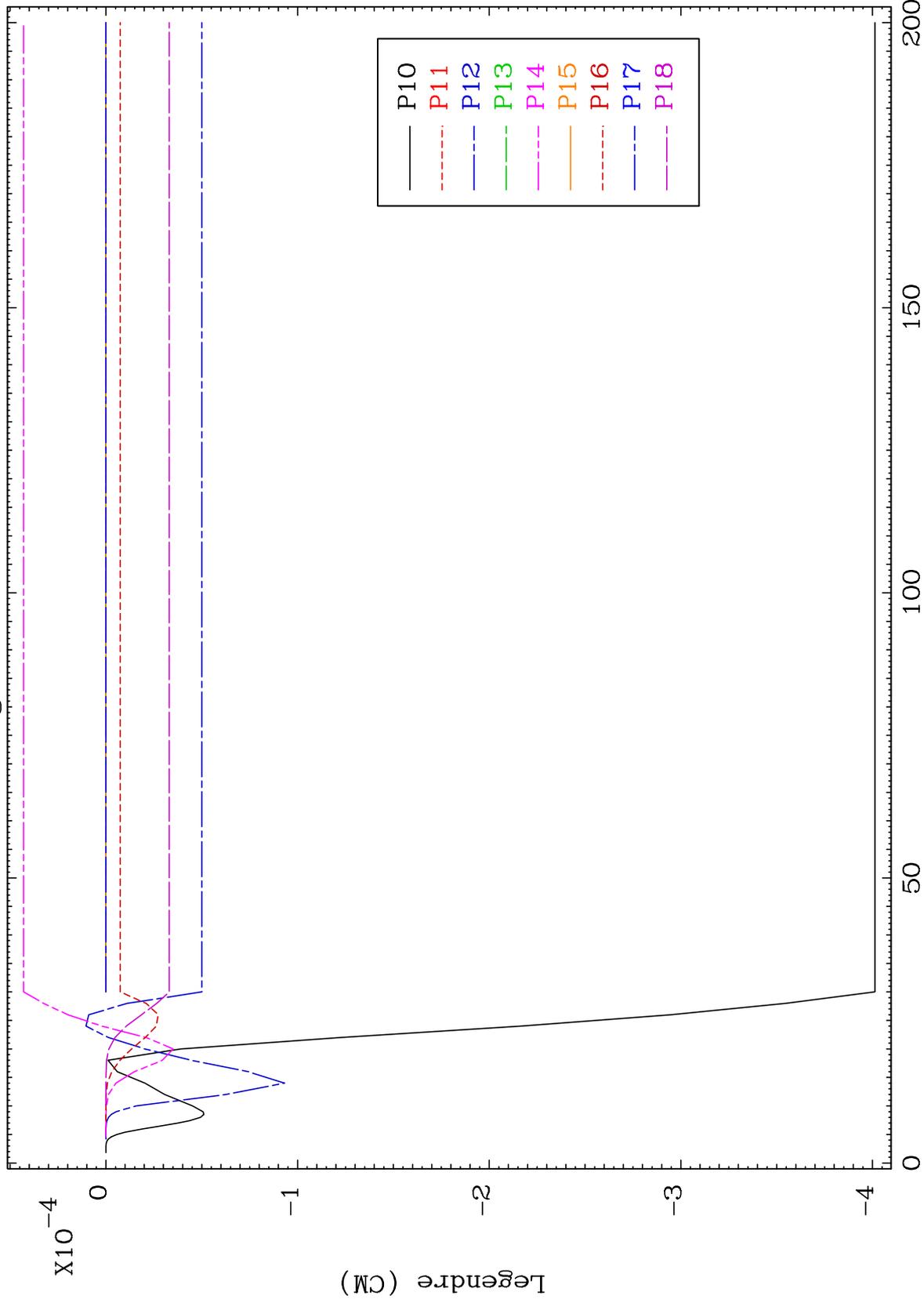




MAT 6446

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

64-Gd-159



102

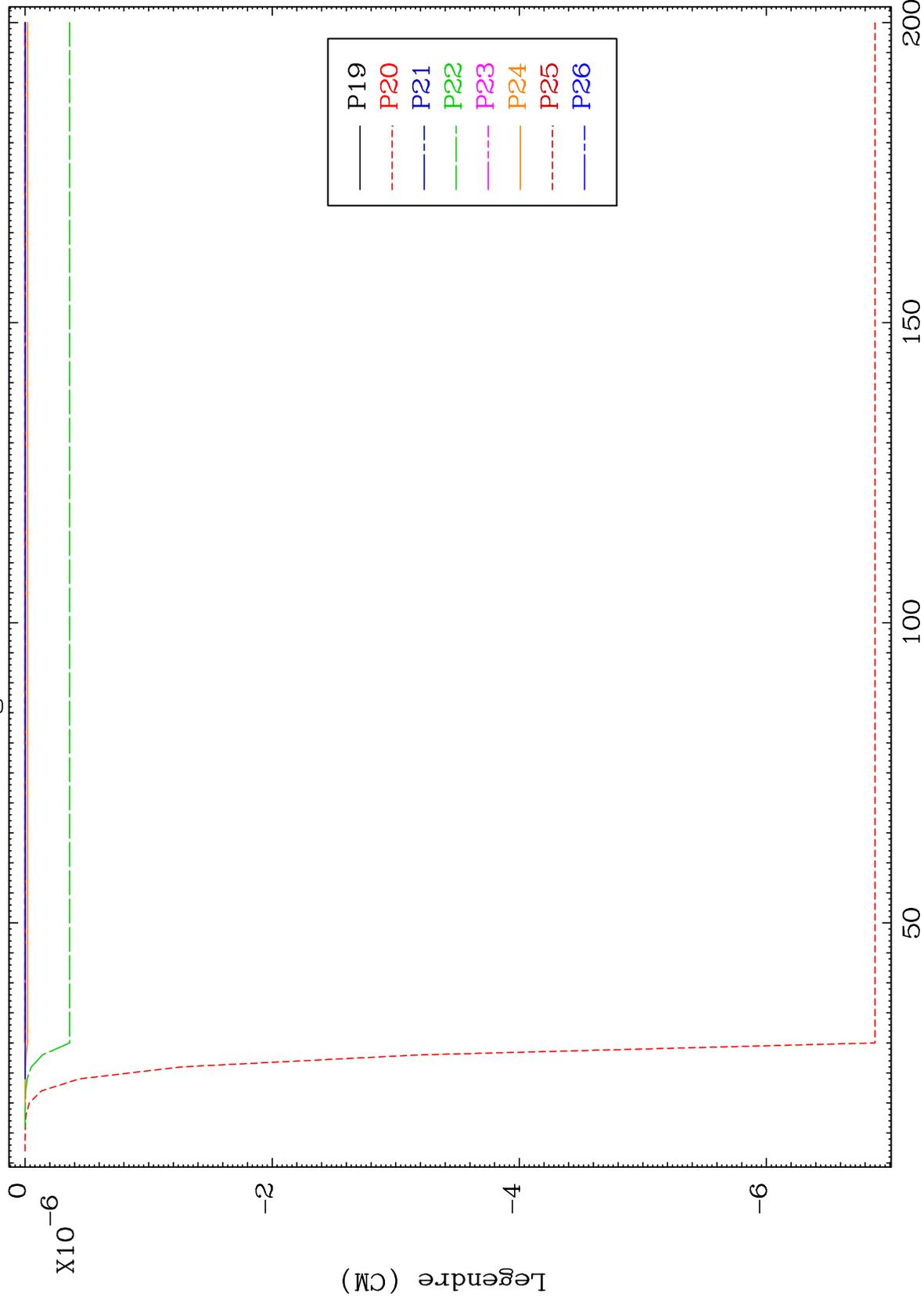
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

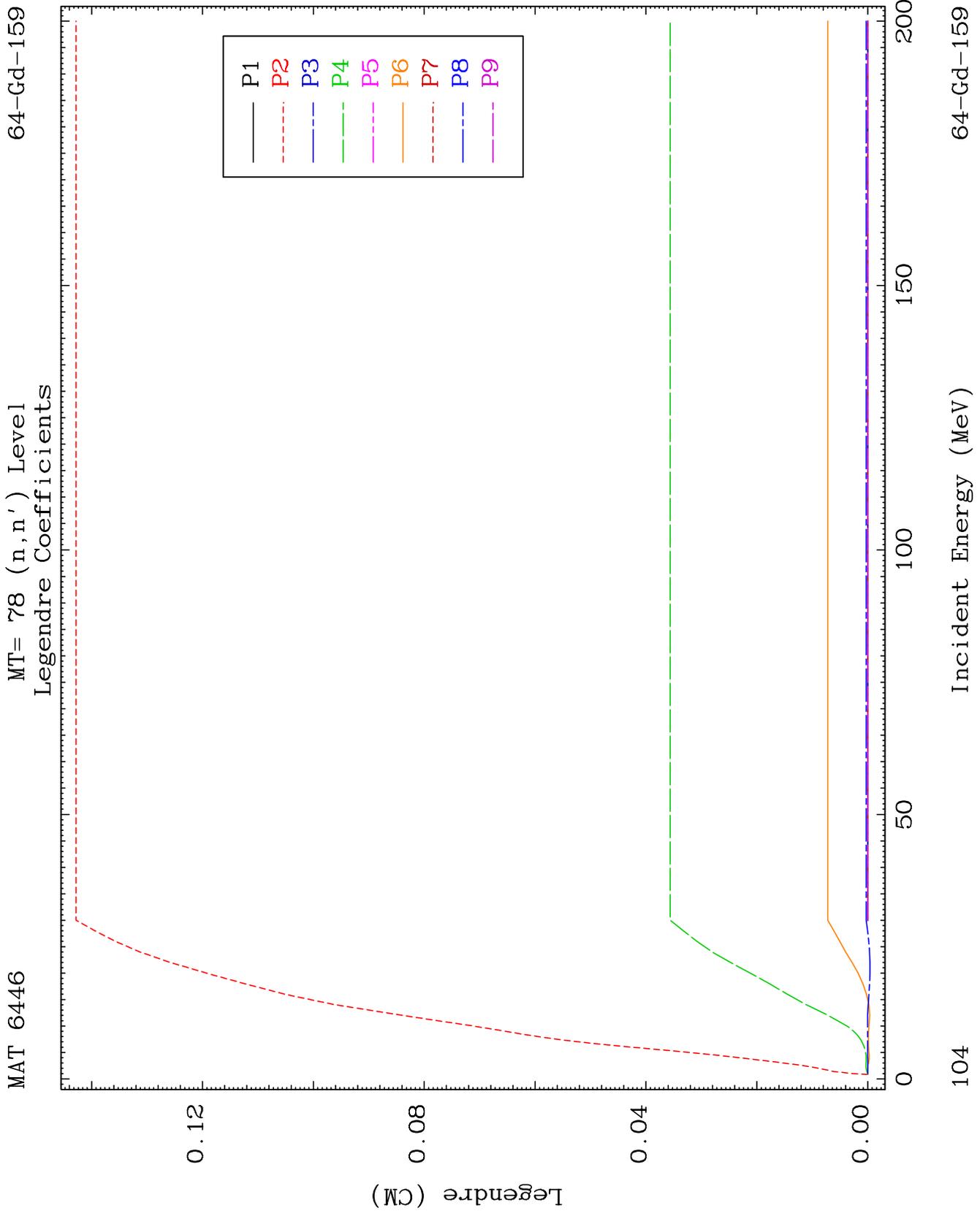
64-Gd-159



103

Incident Energy (MeV)

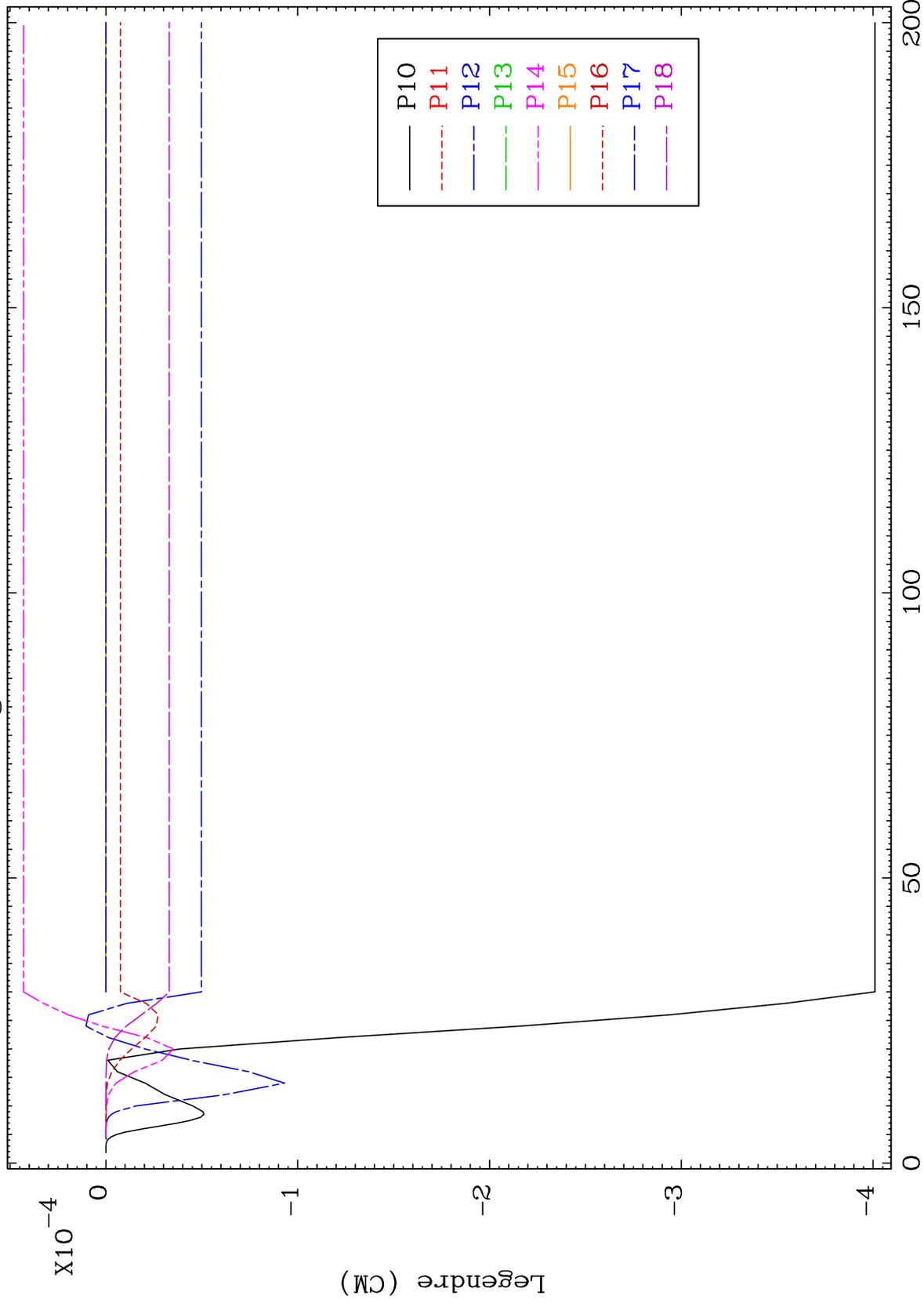
64-Gd-159



MAT 6446

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

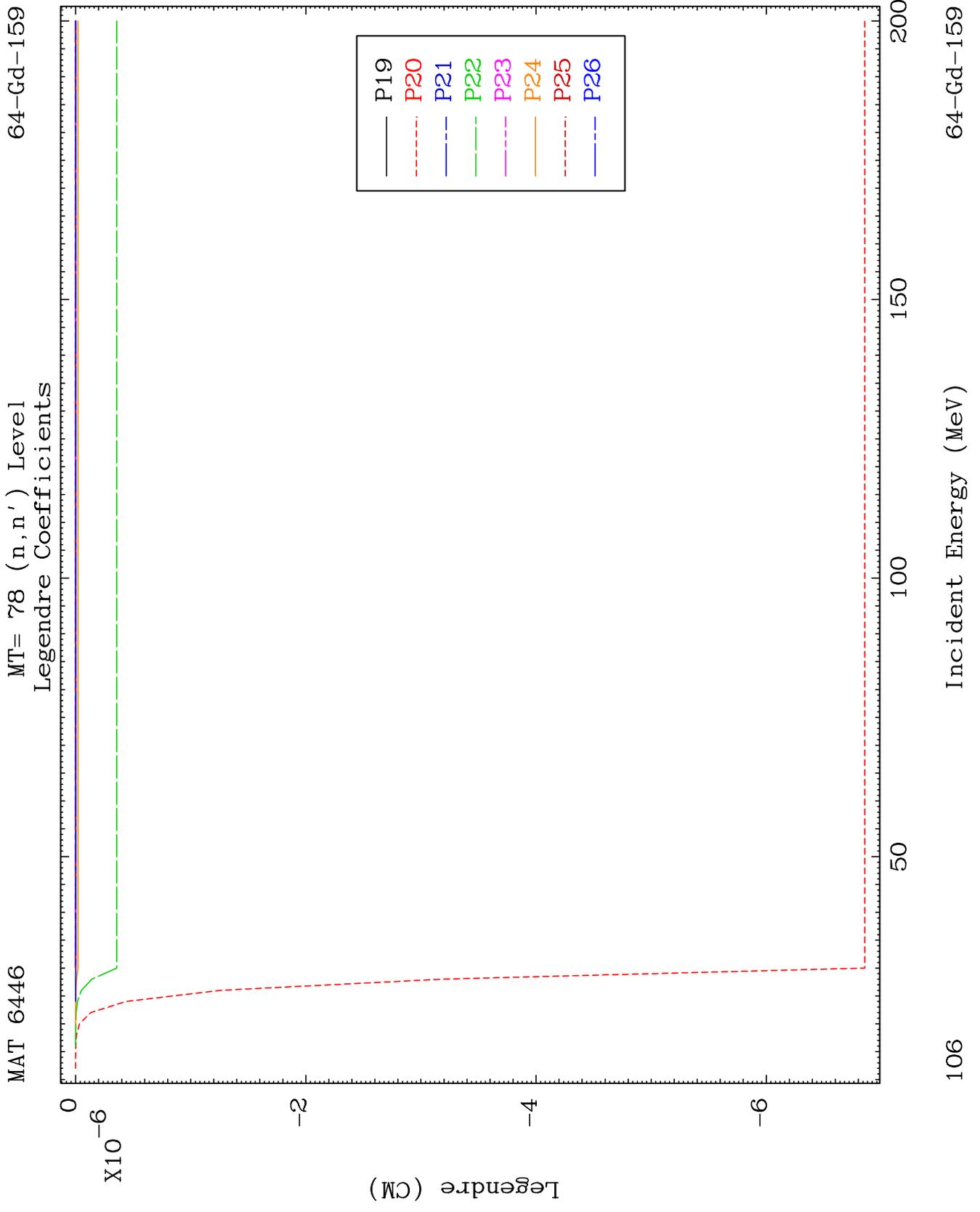
64-Gd-159



105

Incident Energy (MeV)

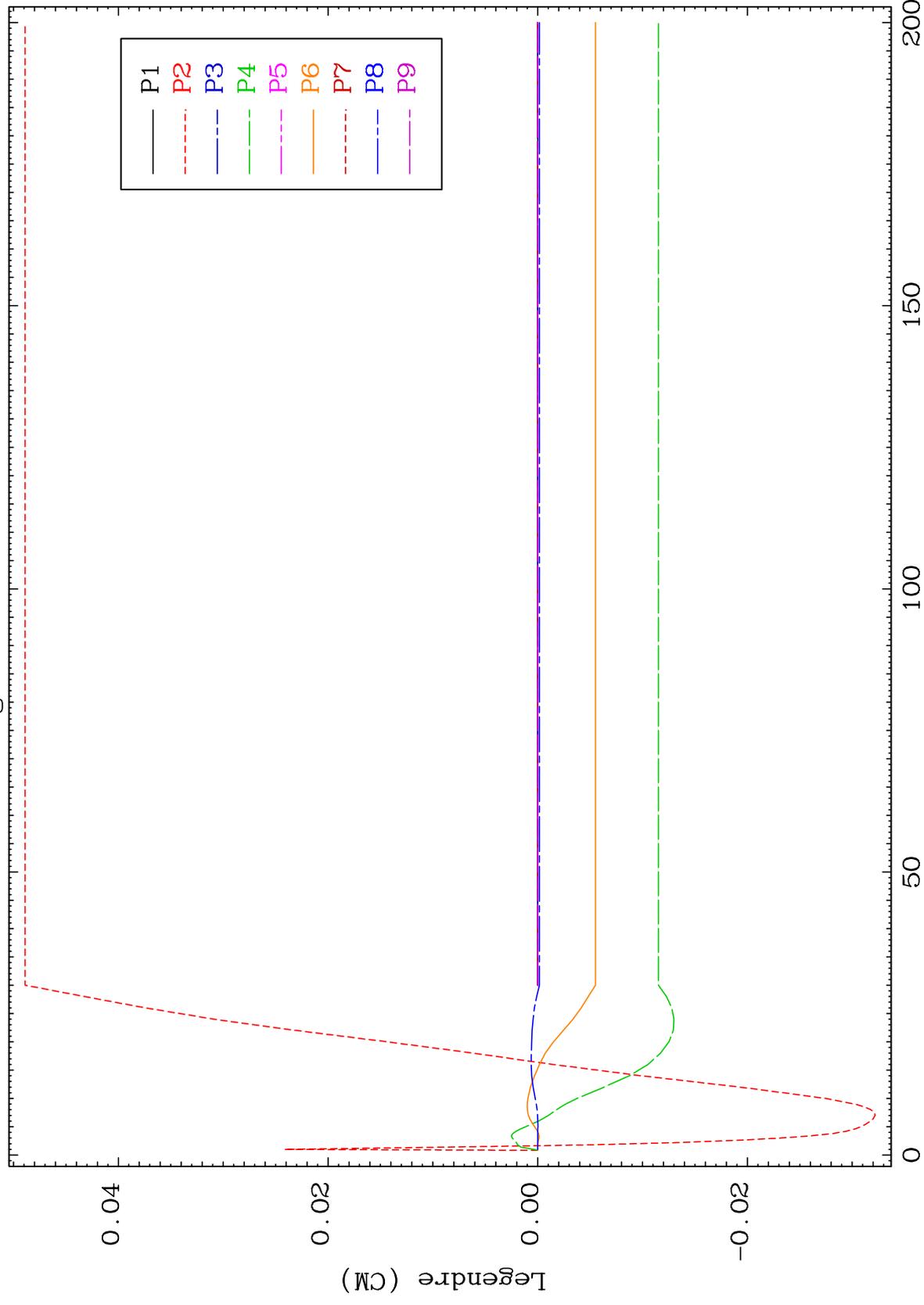
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

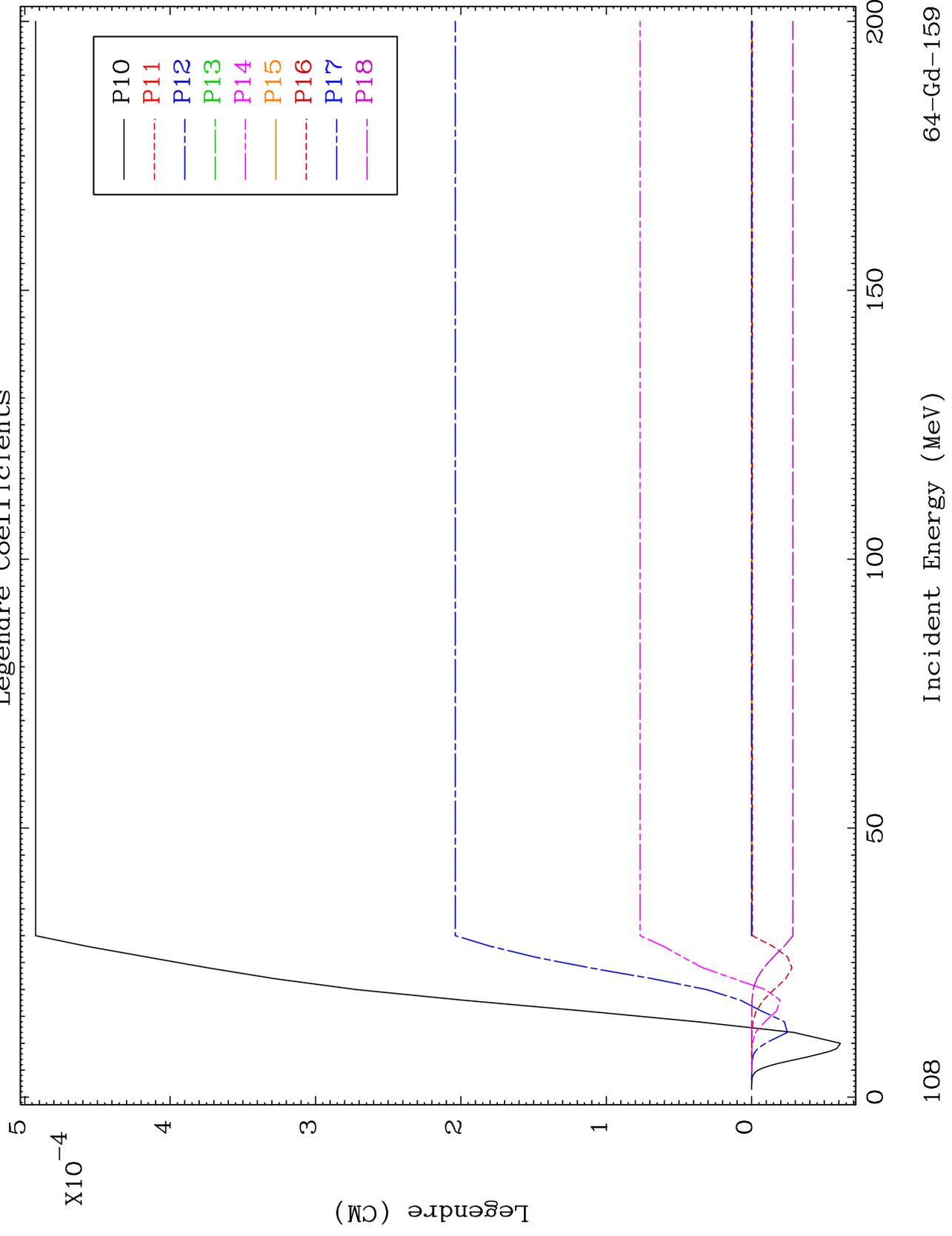
Incident Energy (MeV)

107

MAT 6446

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

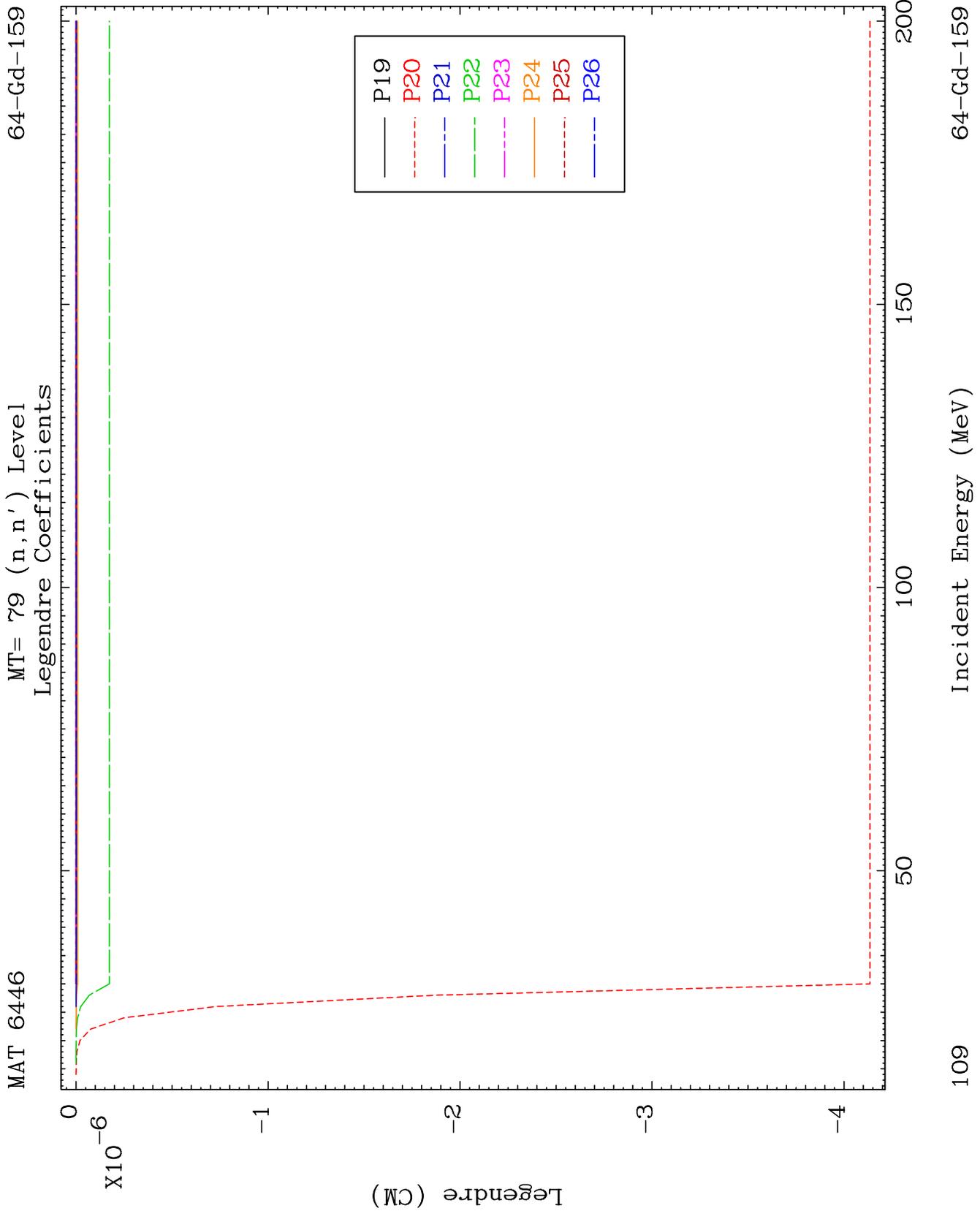
64-Gd-159



64-Gd-159

Incident Energy (MeV)

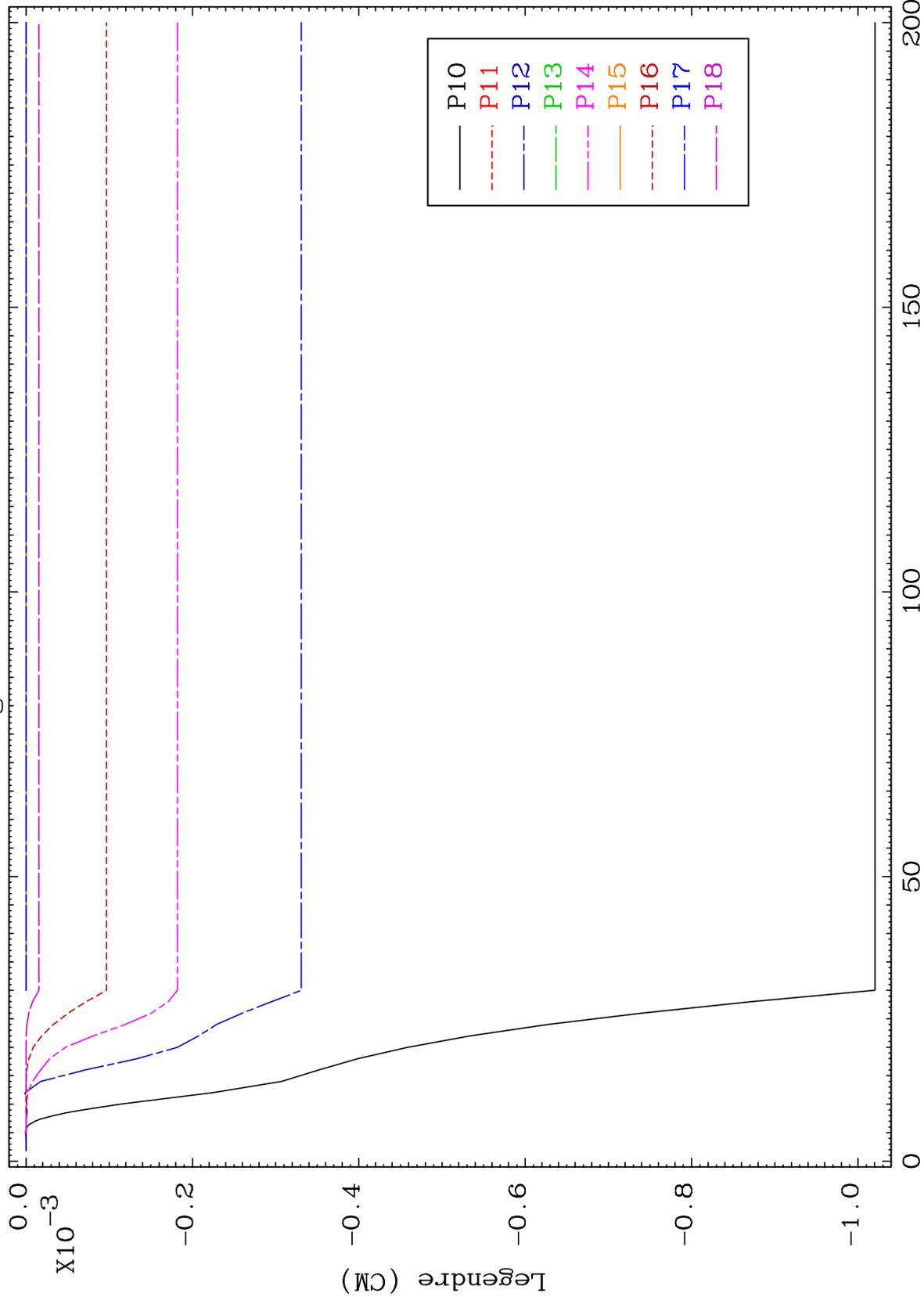
108



MAT 6446

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

64-Gd-159



64-Gd-159

Incident Energy (MeV)

111

