

Program EVALPLOT
(Version 2017-1)

by

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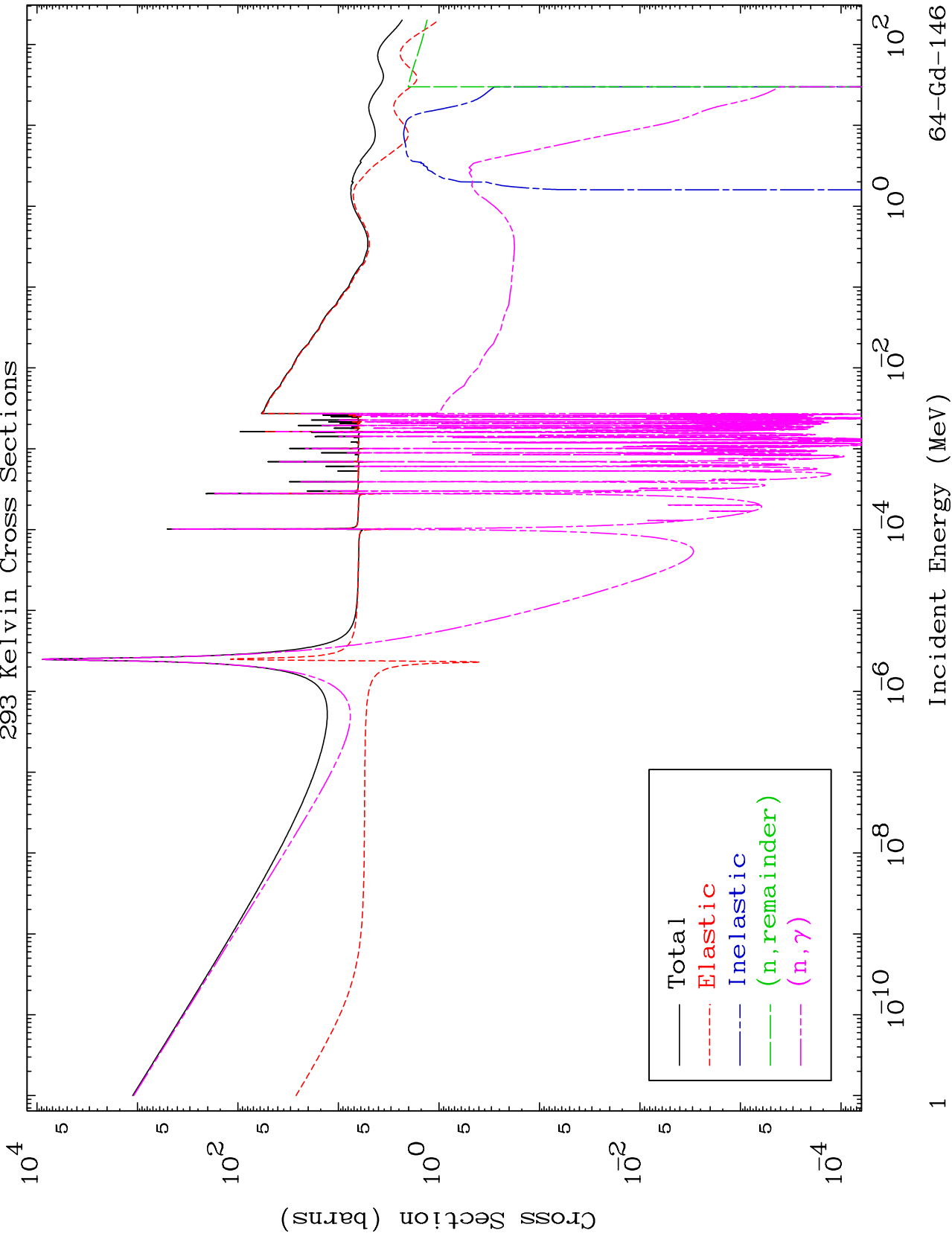
Press Mouse Button to Start

MAT 6407

Major

293 Kelvin Cross Sections

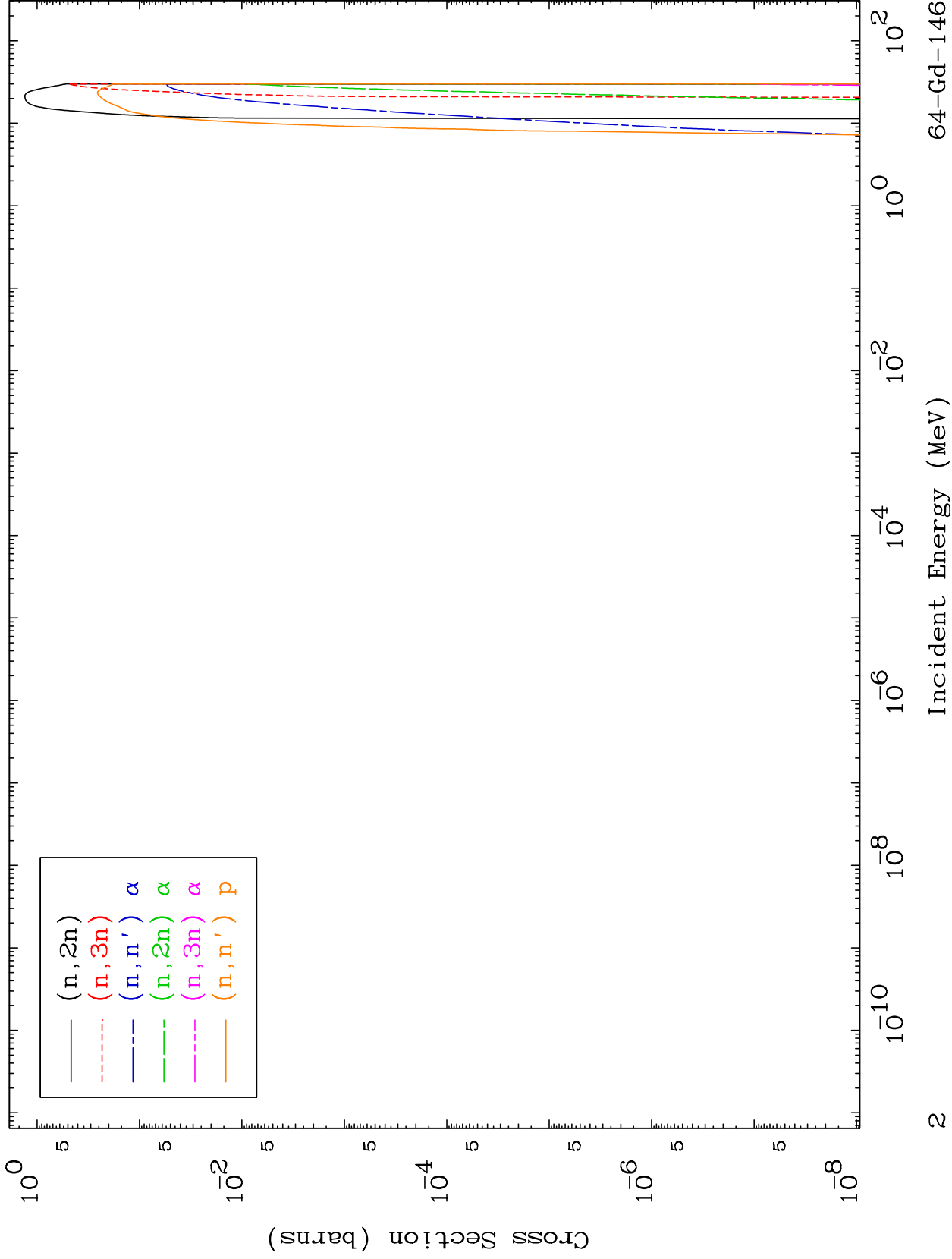
64-Gd-146



MAT 6407

Neutron Production
293 Kelvin Cross Sections

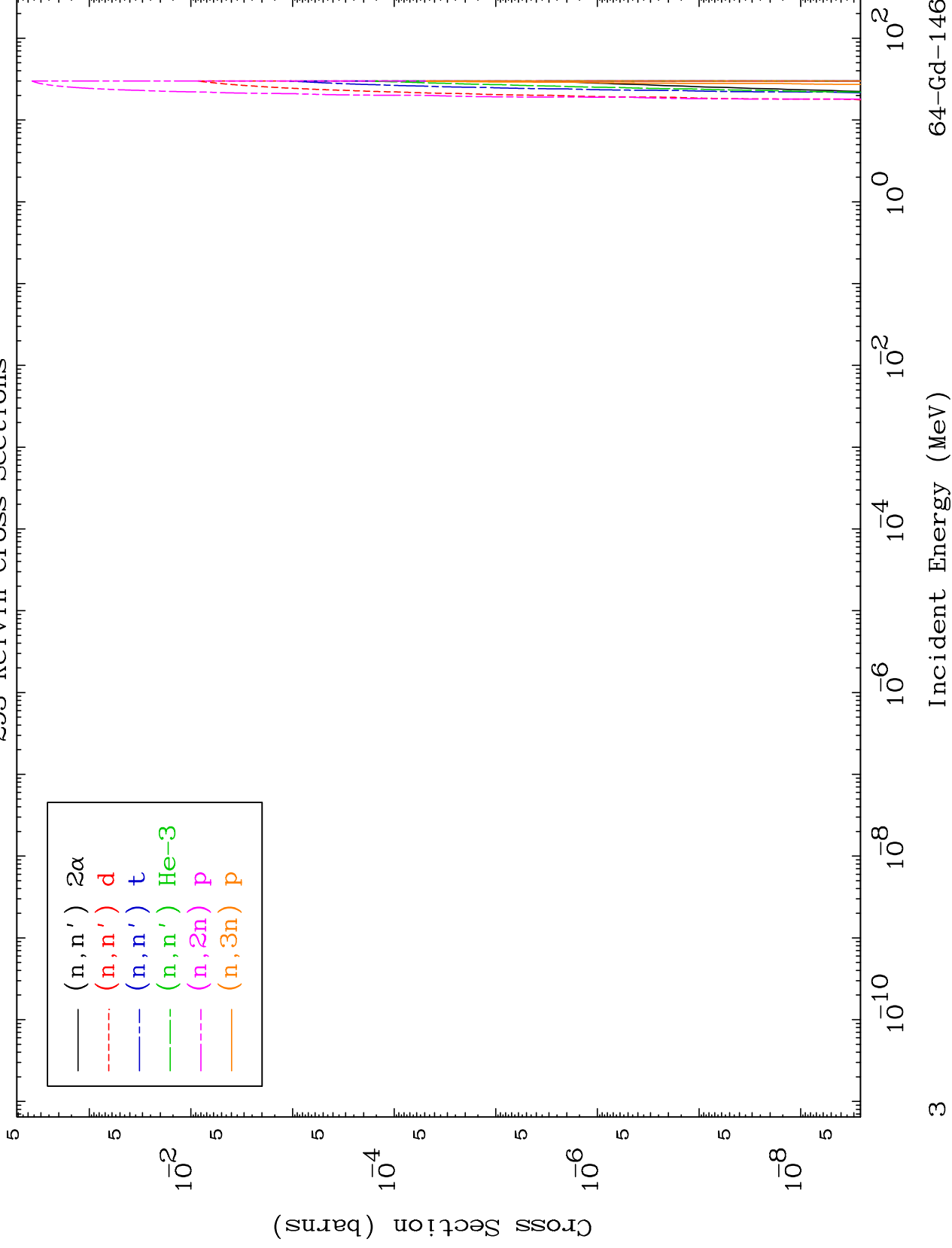
64-Gd-146



MAT 6407

Neutron Production
293 Kelvin Cross Sections

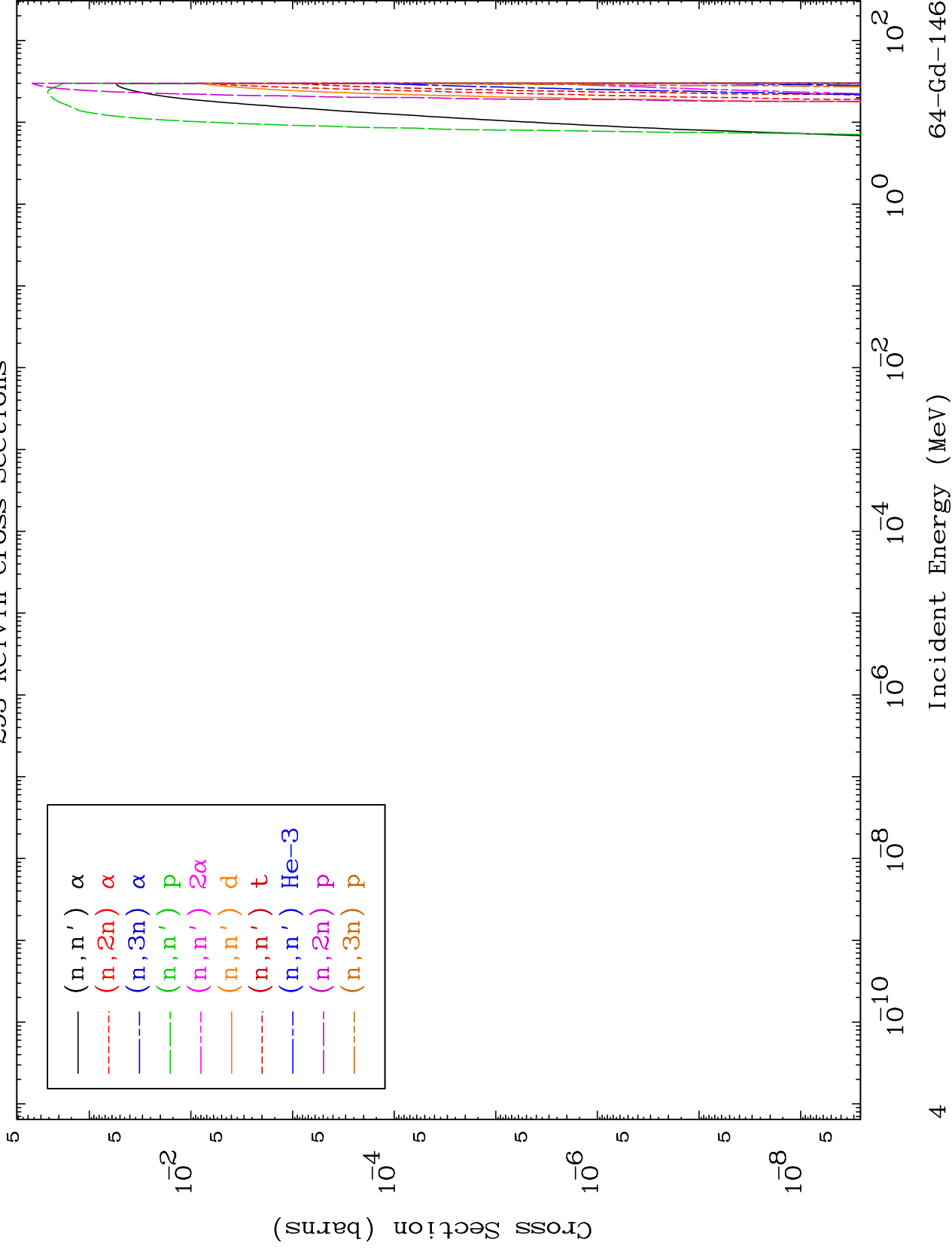
64-Gd-146



MAT 6407

Charged Particle
293 Kelvin Cross Sections

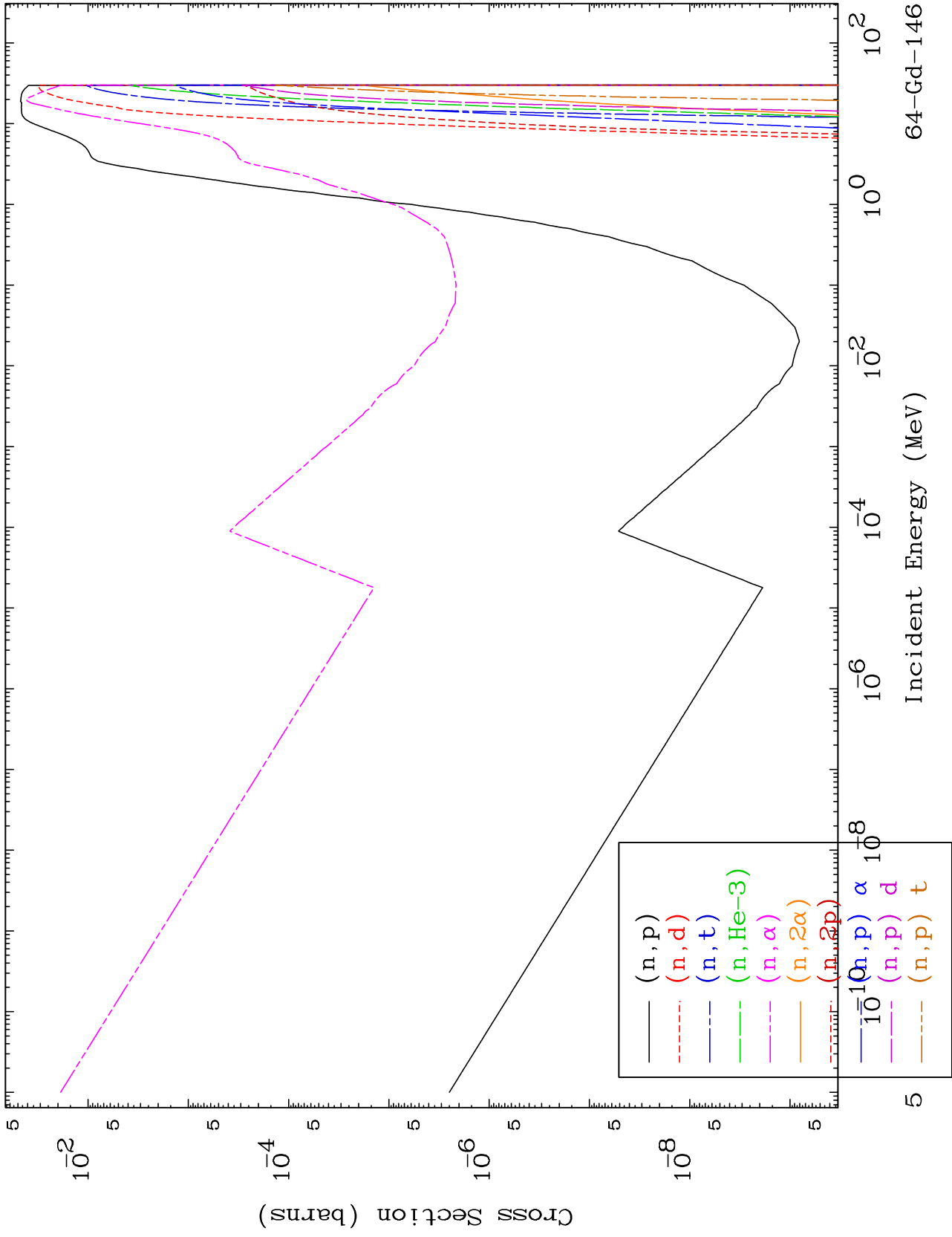
64-Gd-146

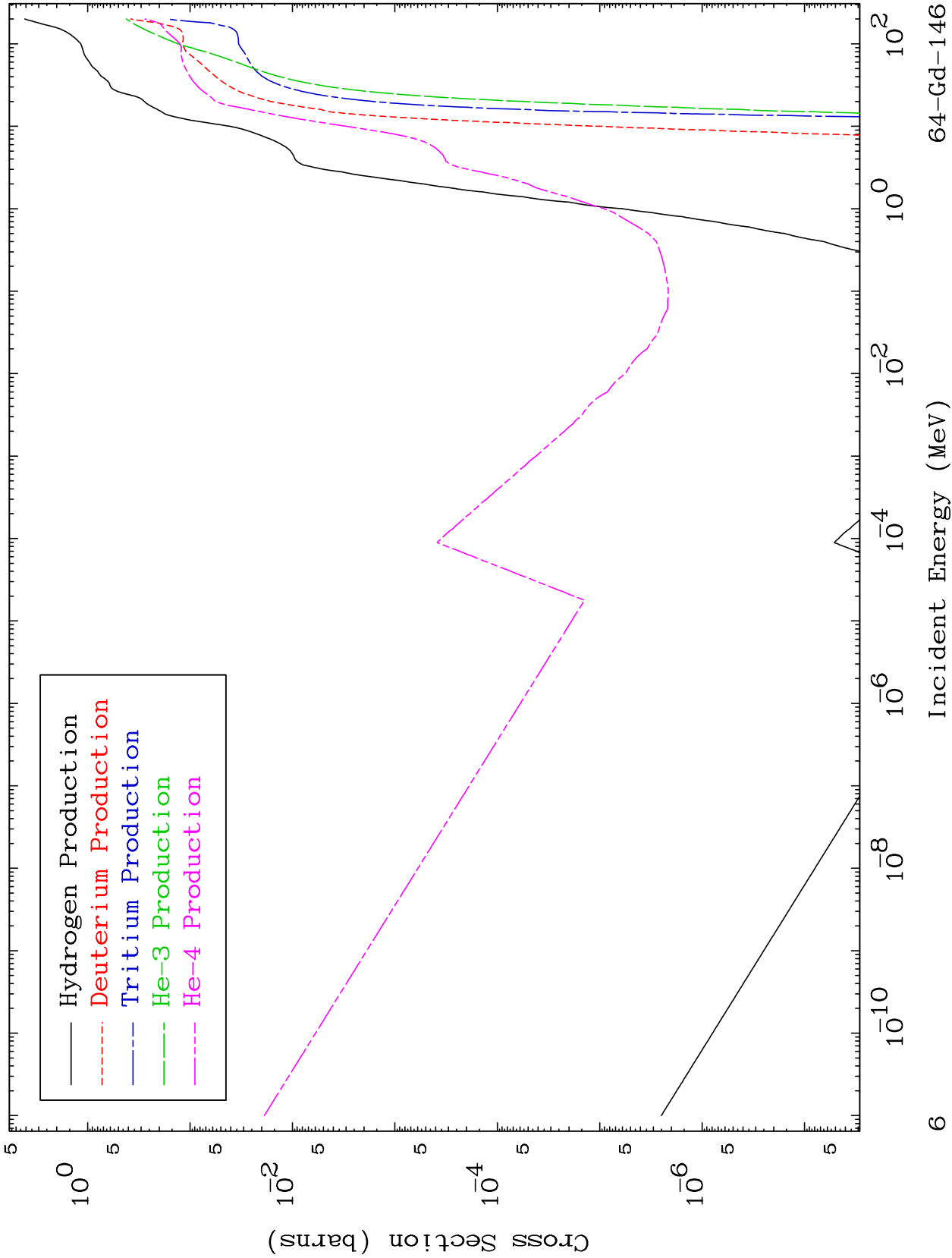


MAT 6407

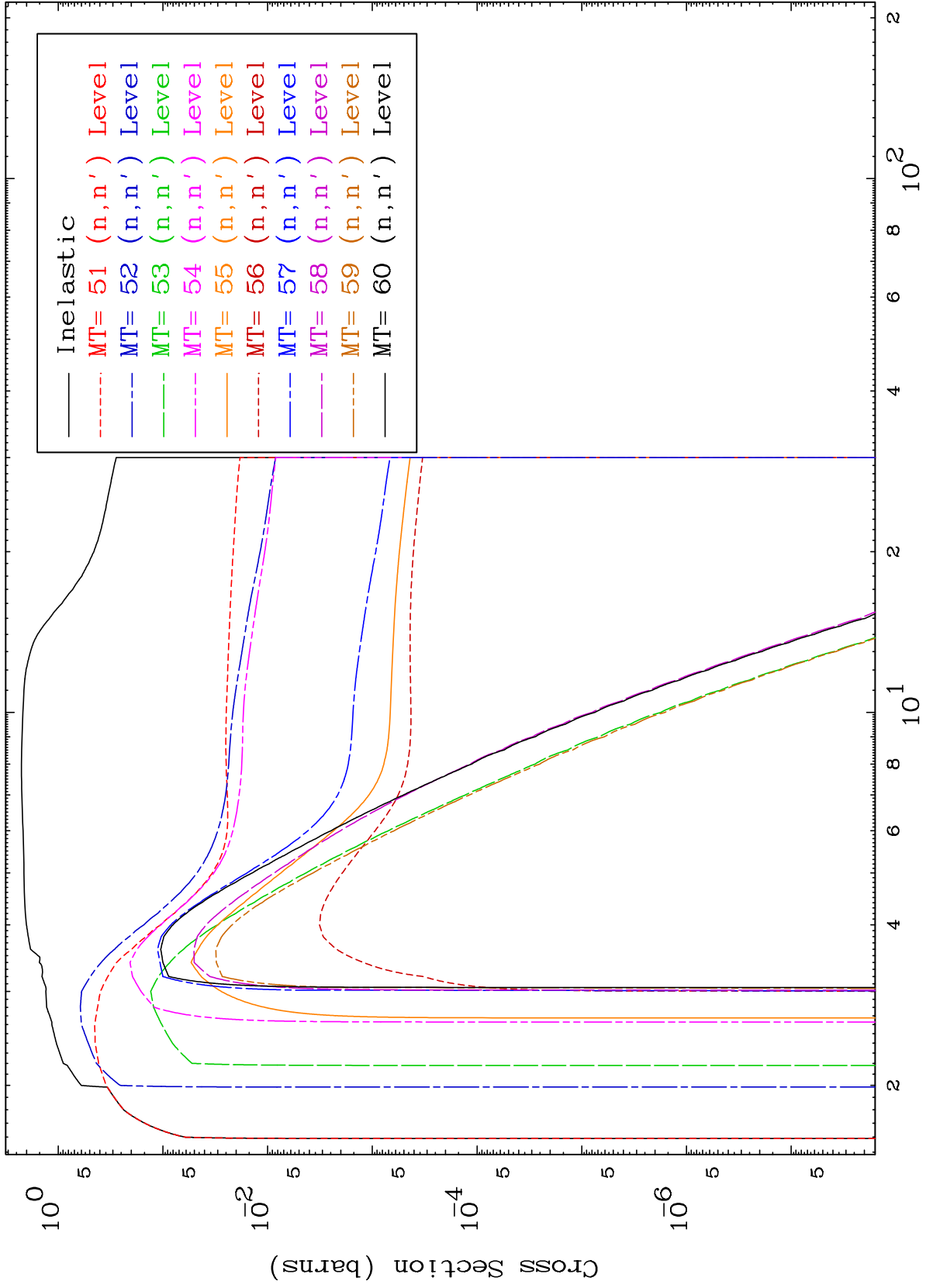
Charged Particle
293 Kelvin Cross Sections

64-Gd-146





293 Kelvin Cross Sections

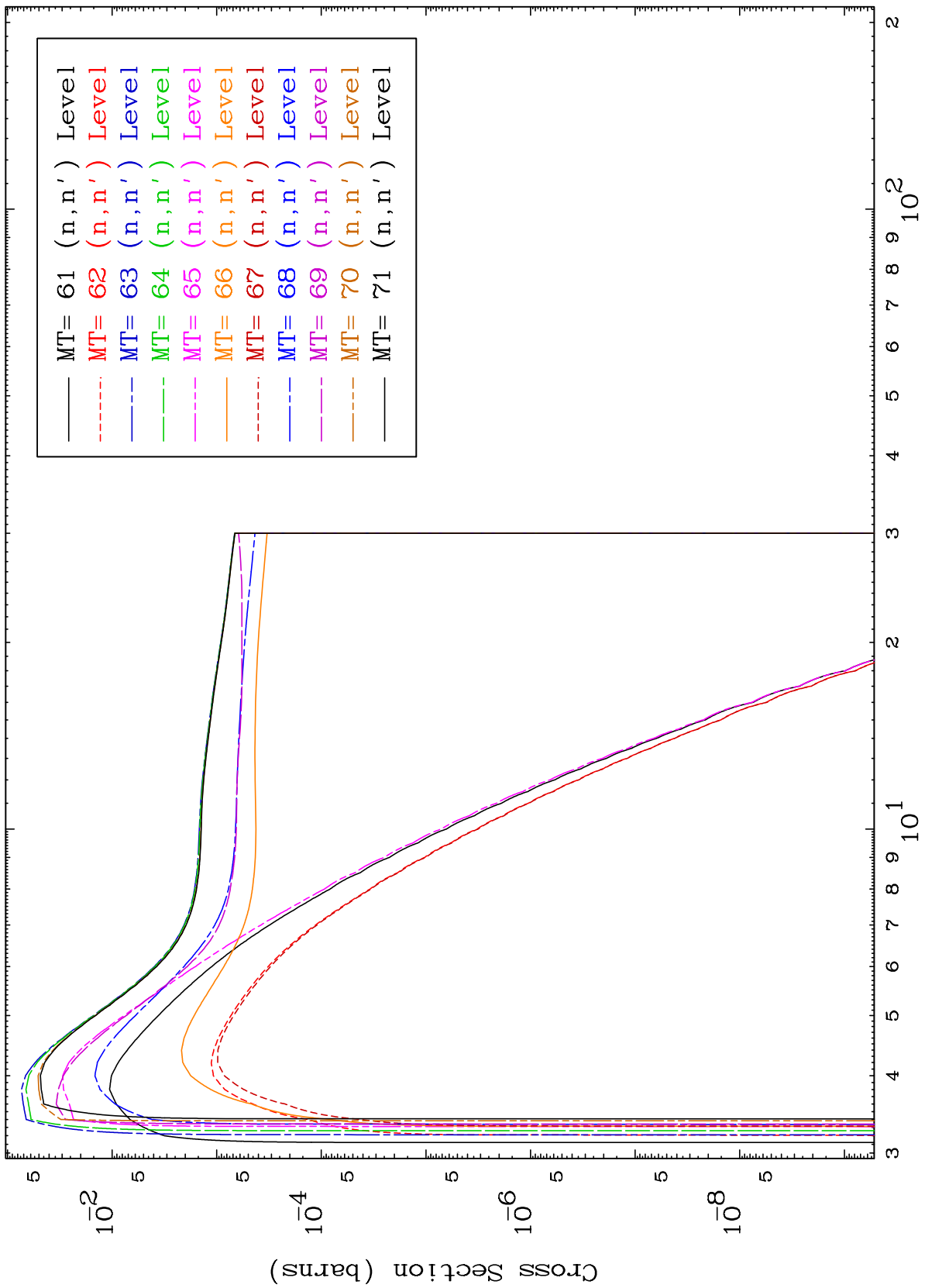


MAT 6407

(n,n') Level

64-Gd-146

293 Kelvin Cross Sections

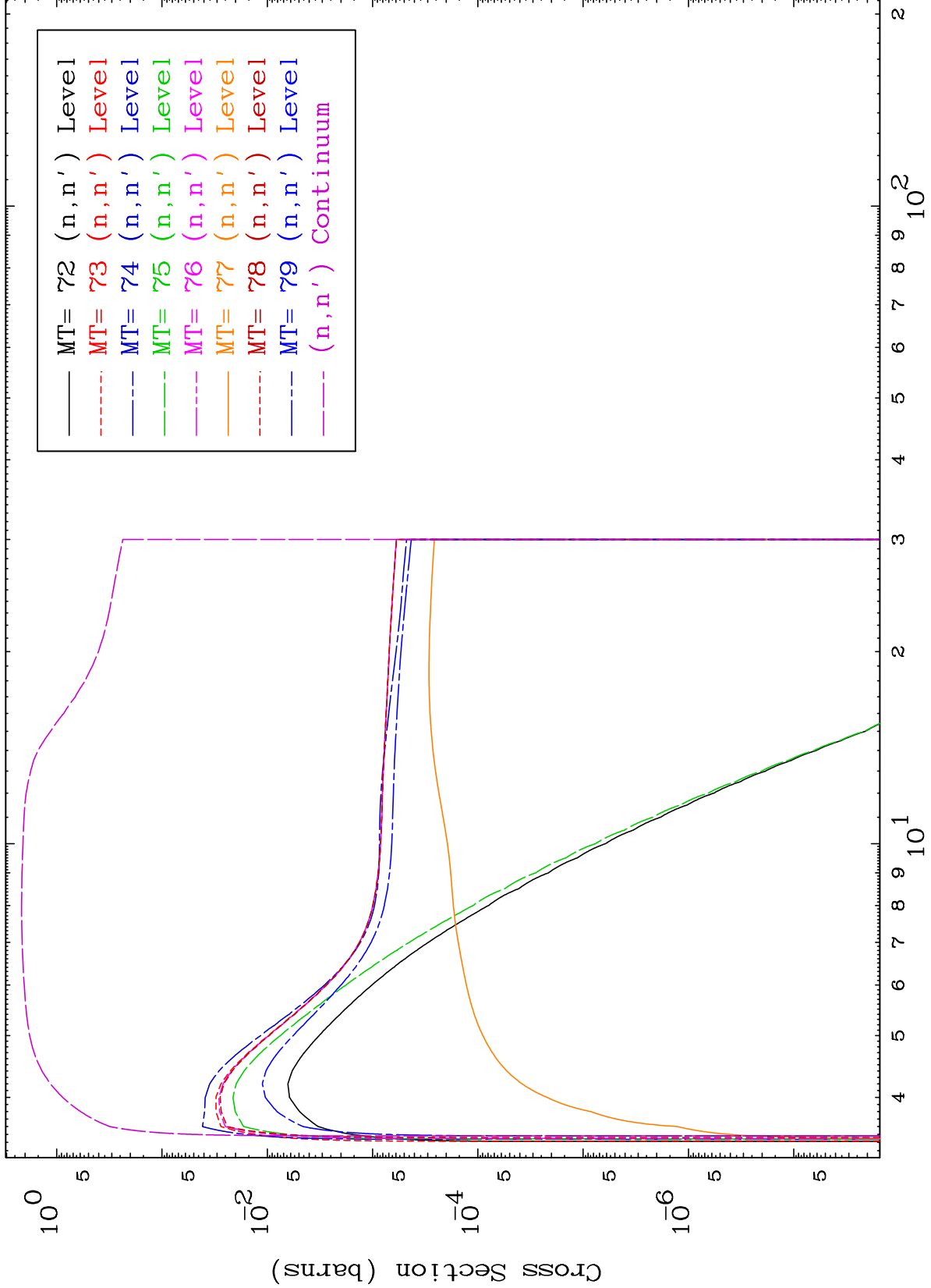


Incident Energy (MeV)

64-Gd-146

8

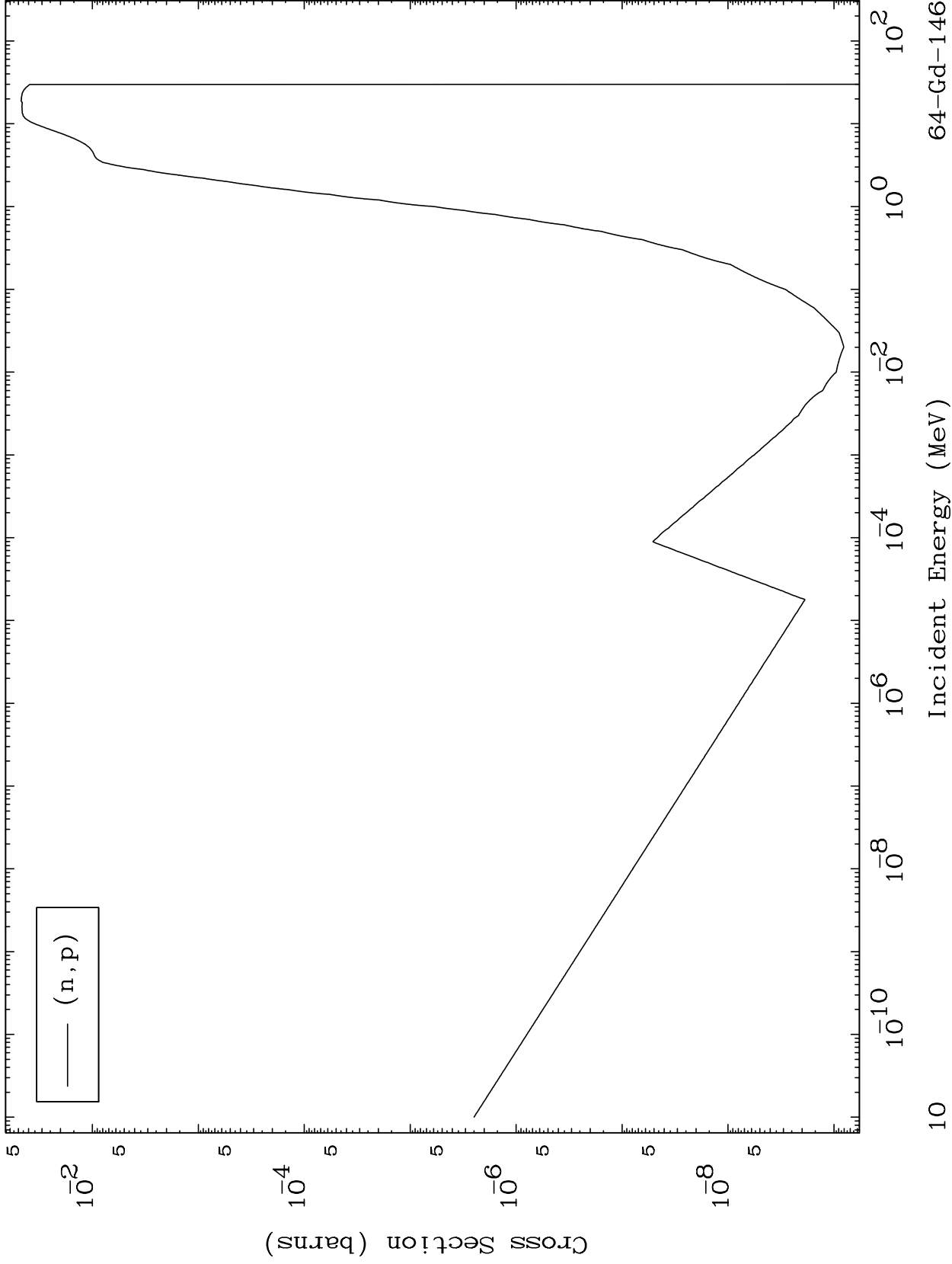
293 Kelvin Cross Sections



MAT 6407

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-146



10

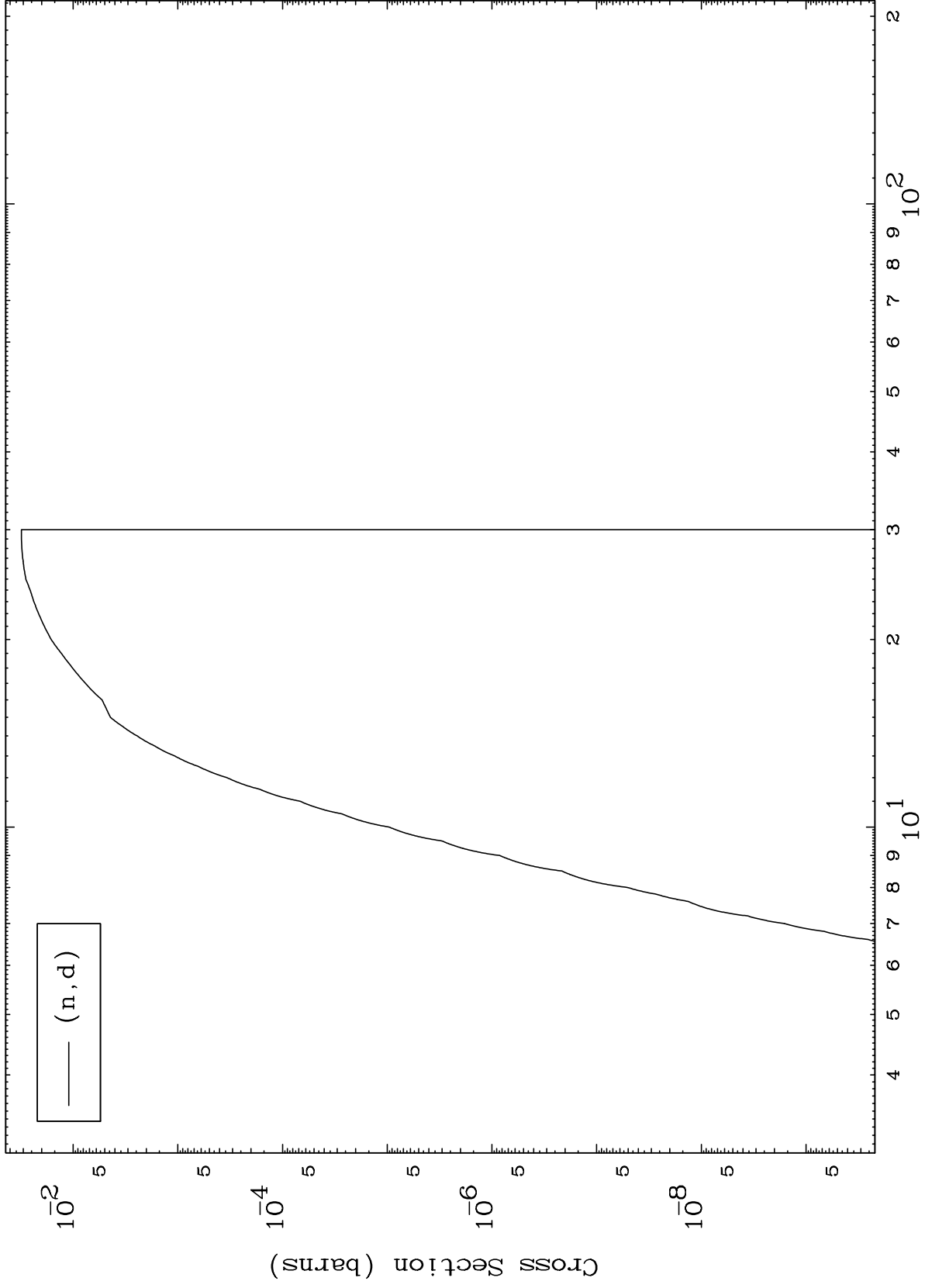
Incident Energy (MeV)

64-Gd-146

MAT 6407

(n,d) Levels
293 Kelvin Cross Sections

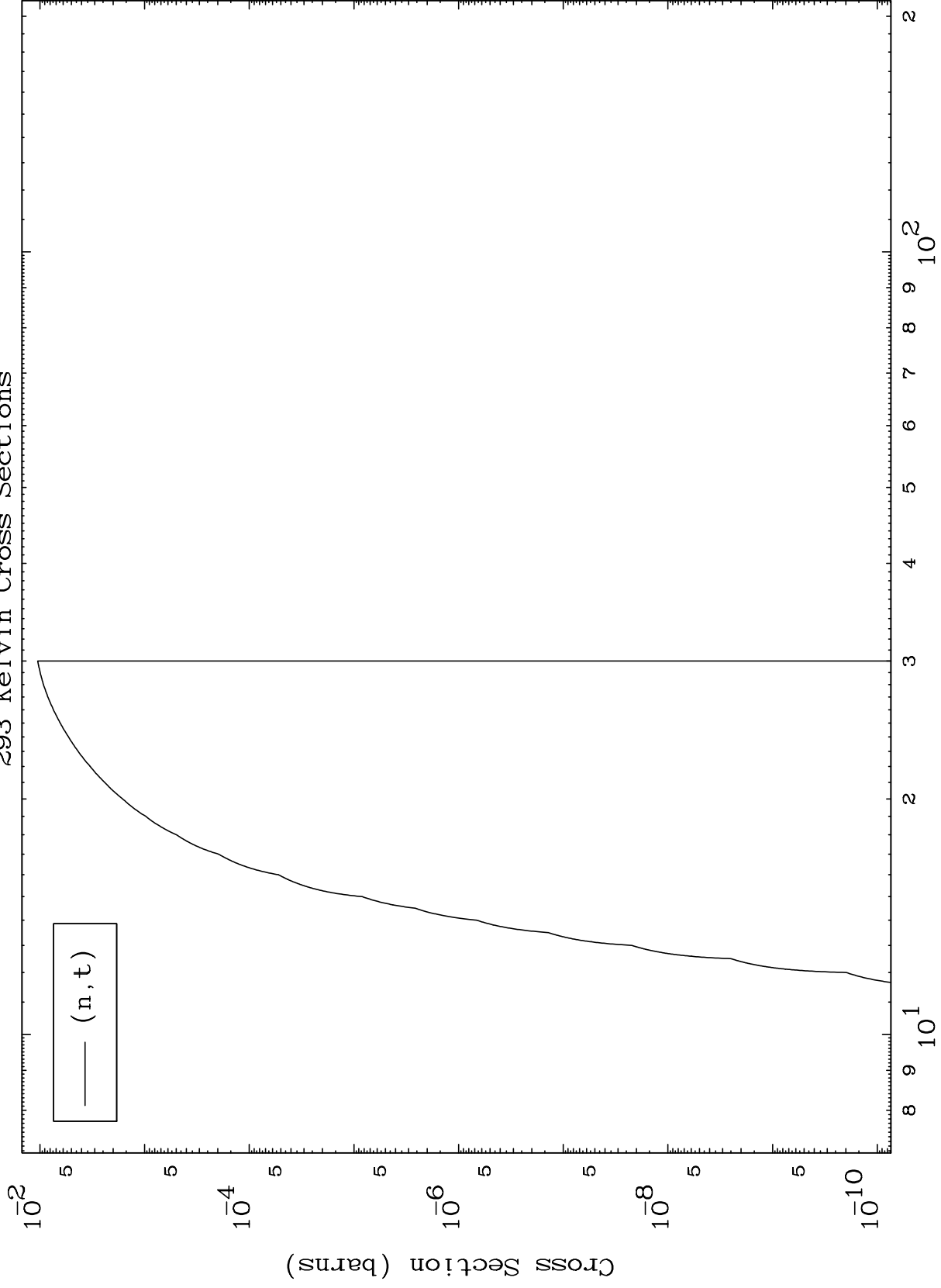
64-Gd-146



MAT 6407

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-146



12

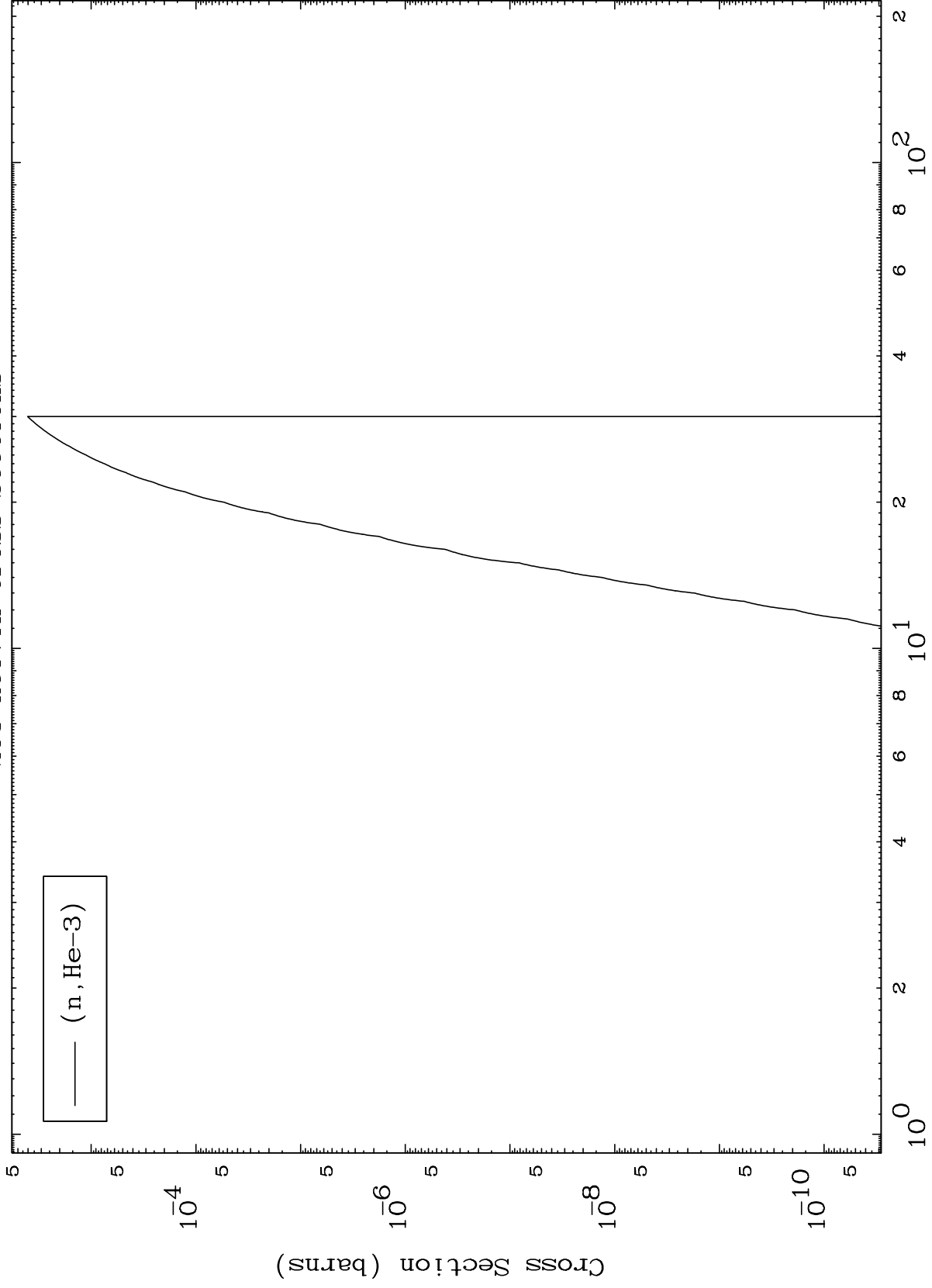
Incident Energy (MeV)

64-Gd-146

MAT 6407

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-146



13

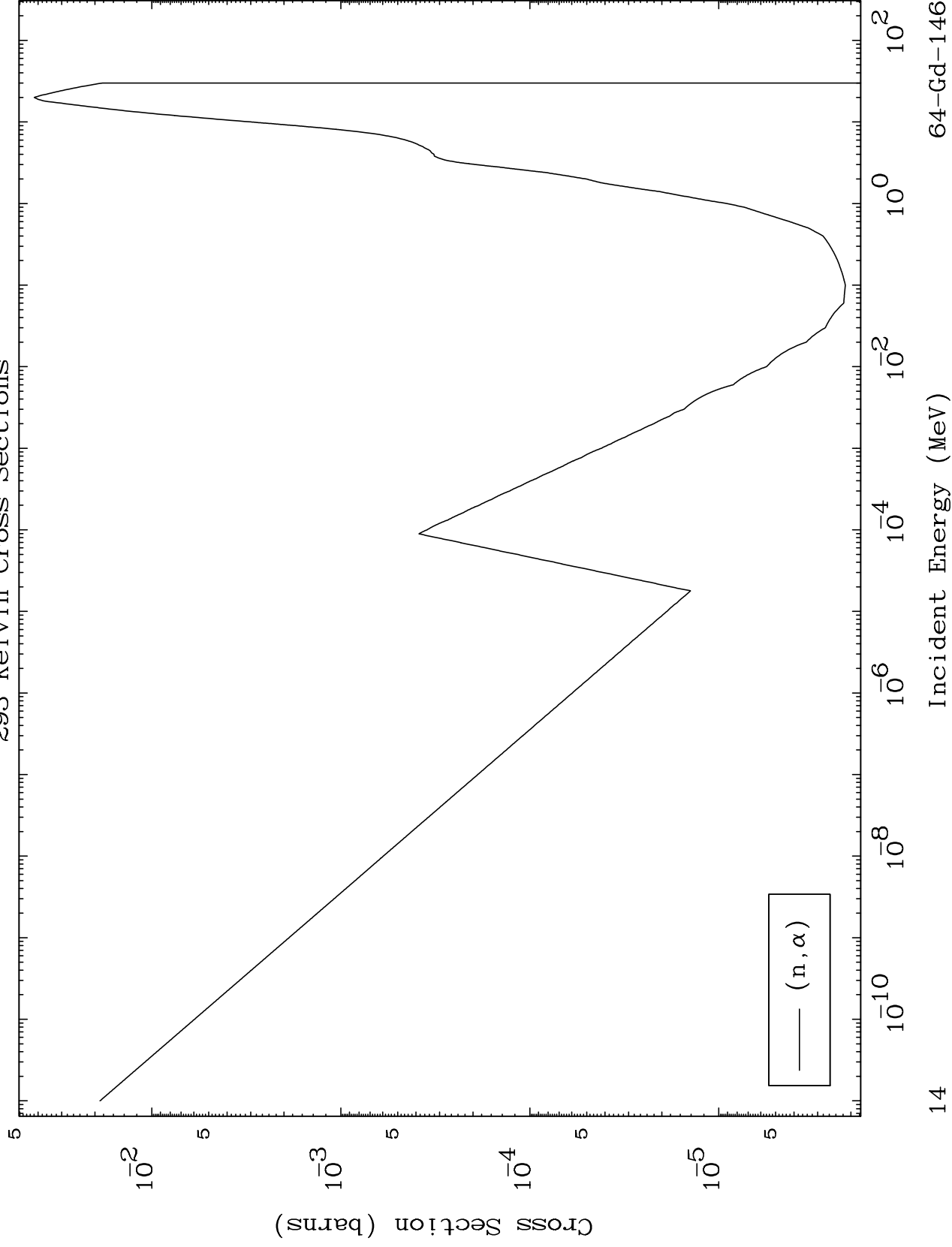
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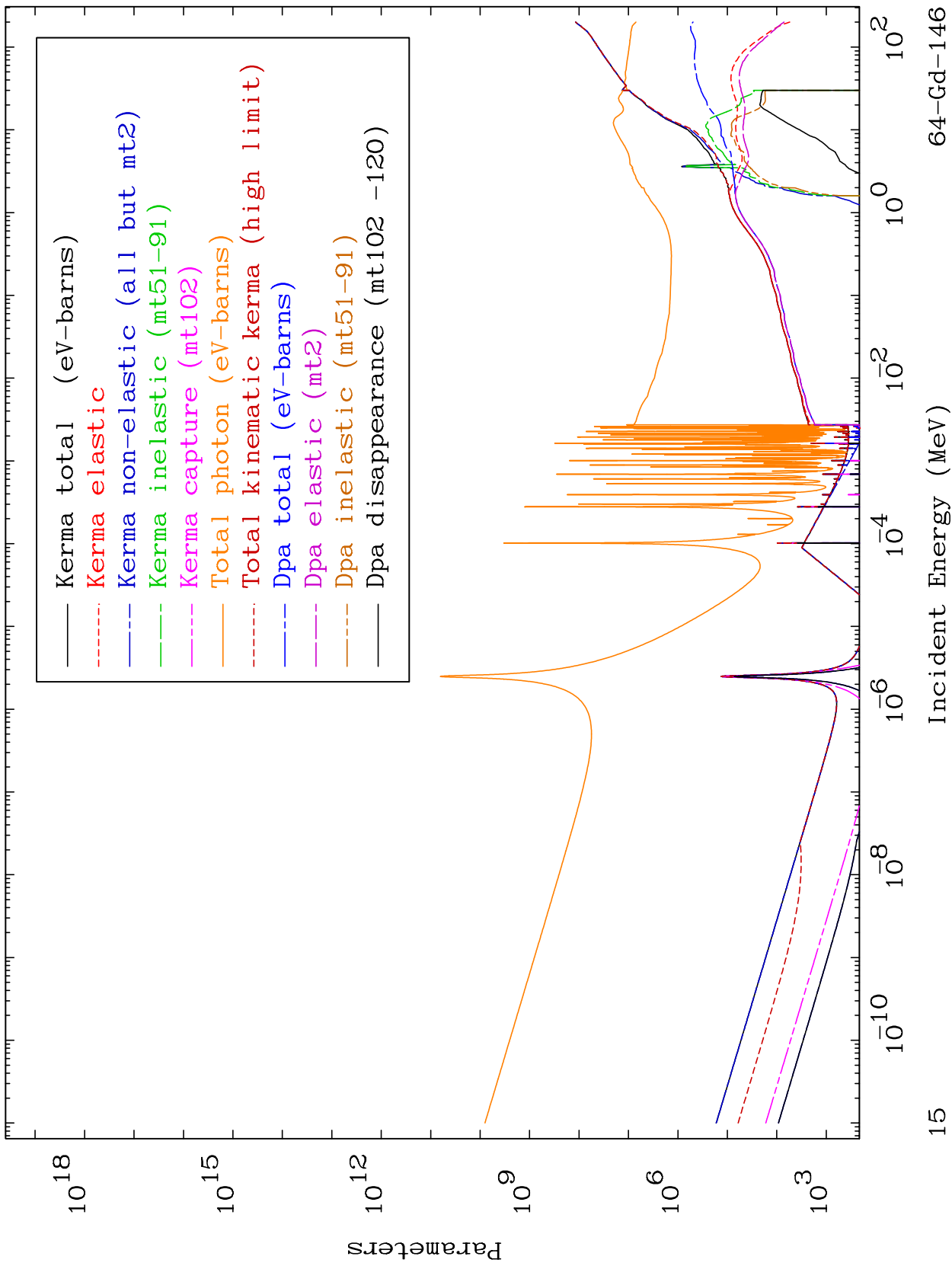
64-Gd-146

MAT 6407

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-146

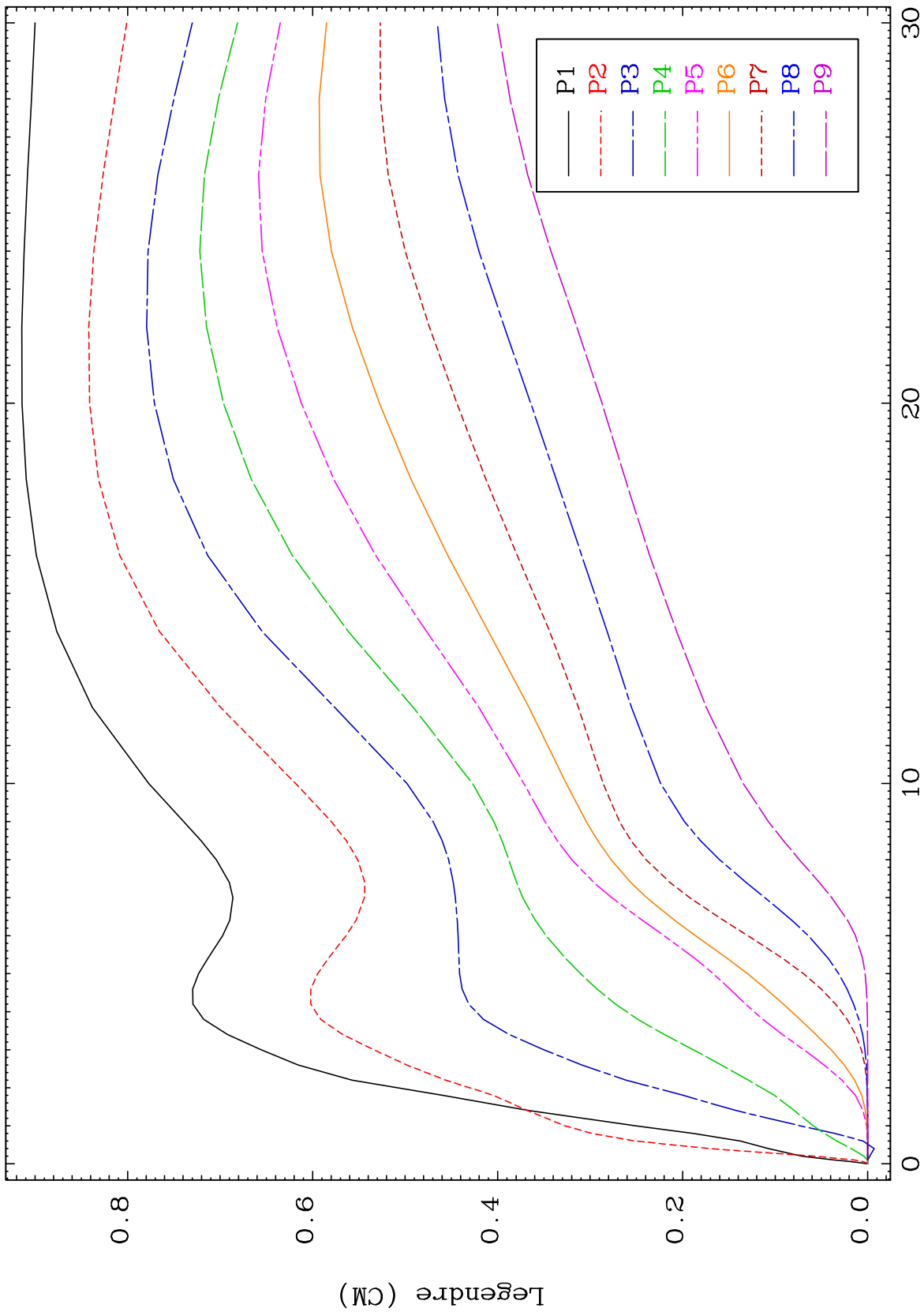




MAT 6407

Elastic Legendre Coefficients

64-Gd-146



16

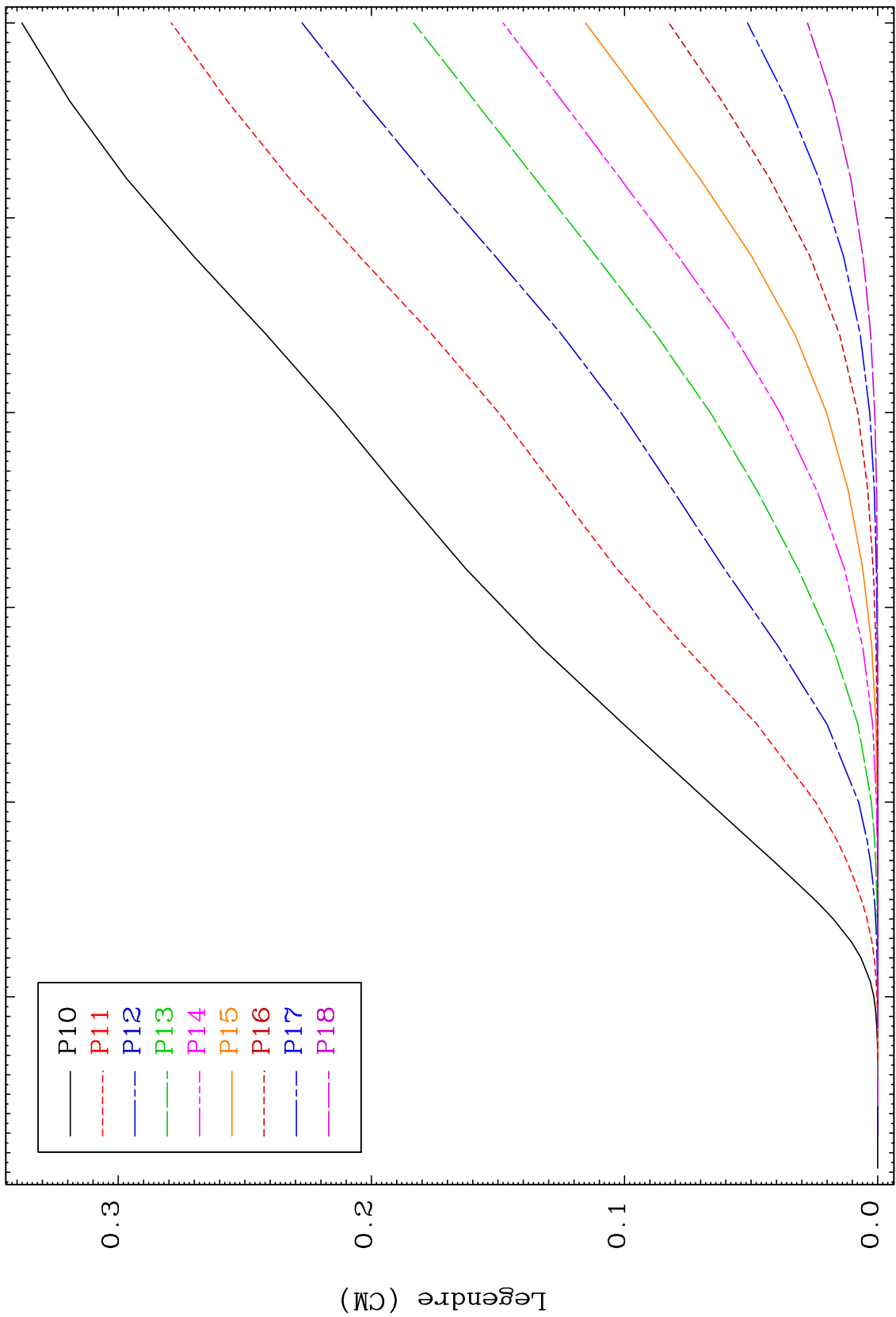
Incident Energy (MeV)

64-Gd-146

MAT 6407

Elastic Legendre Coefficients

64-Gd-146



17

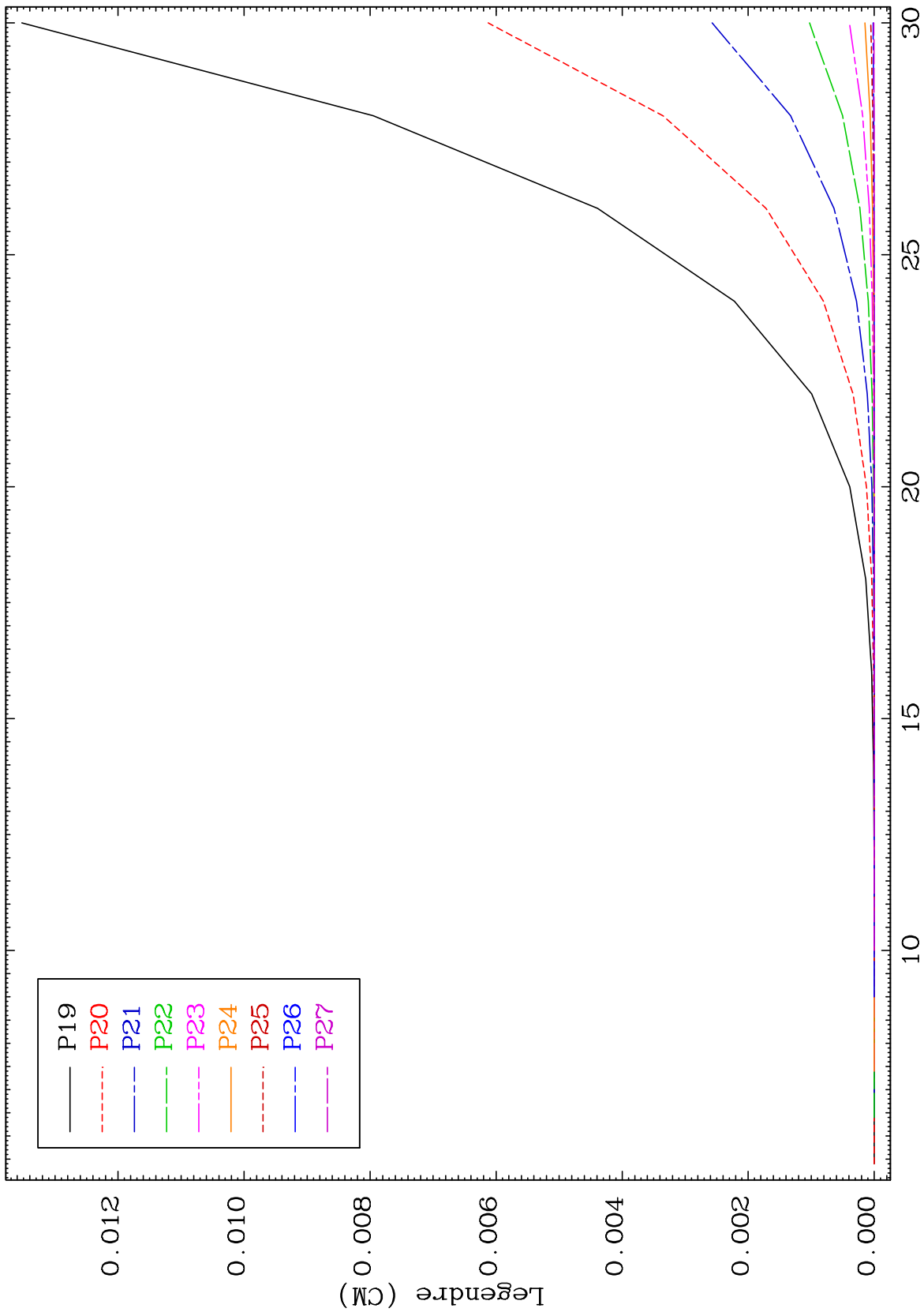
64-Gd-146

Incident Energy (MeV)

MAT 6407

Elastic Legendre Coefficients

64-Gd-146



18

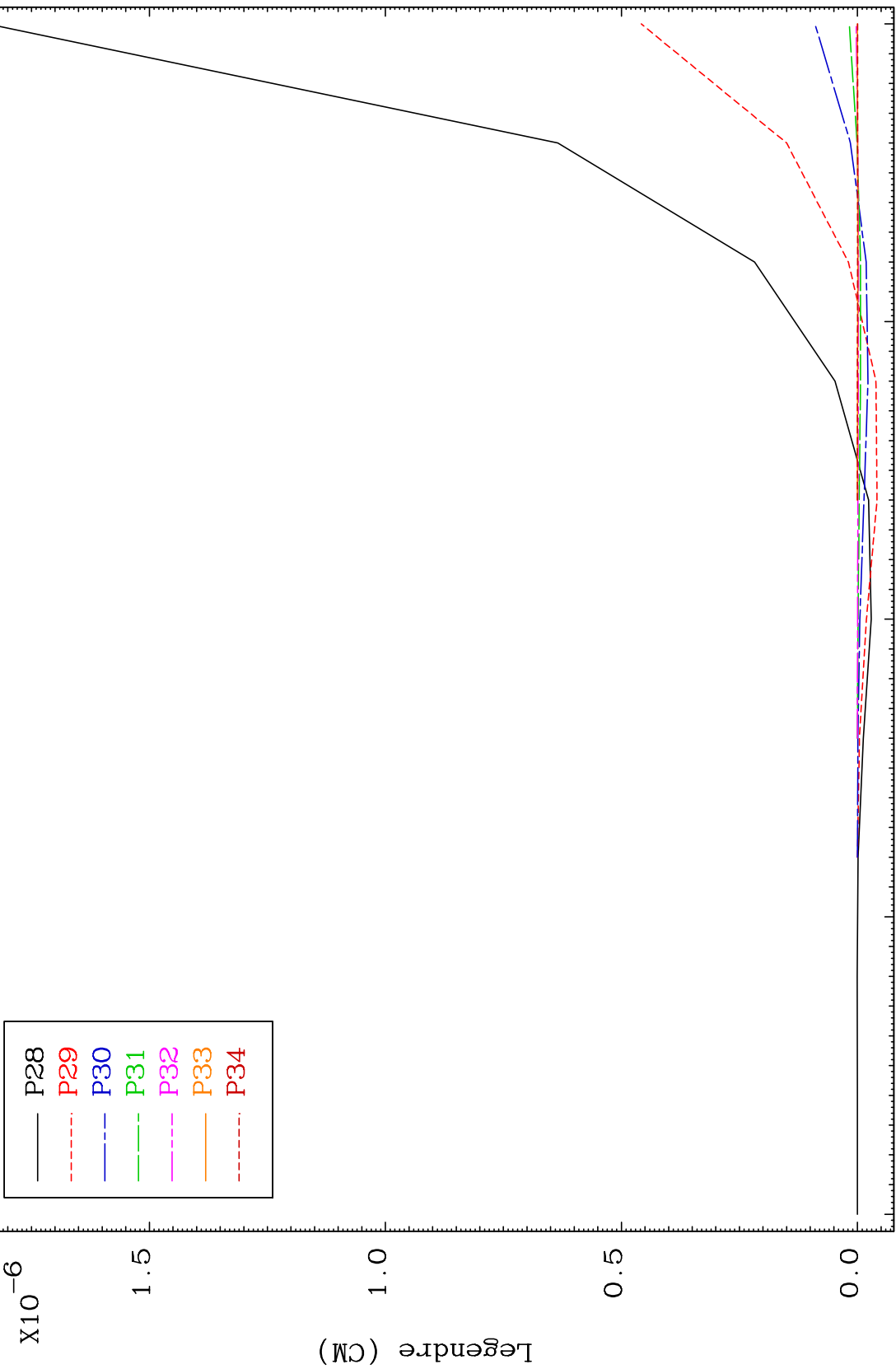
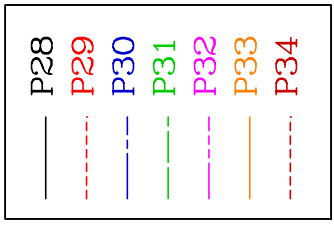
Incident Energy (MeV)

64-Gd-146

MAT 6407

Elastic Legendre Coefficients

64-Gd-146



19

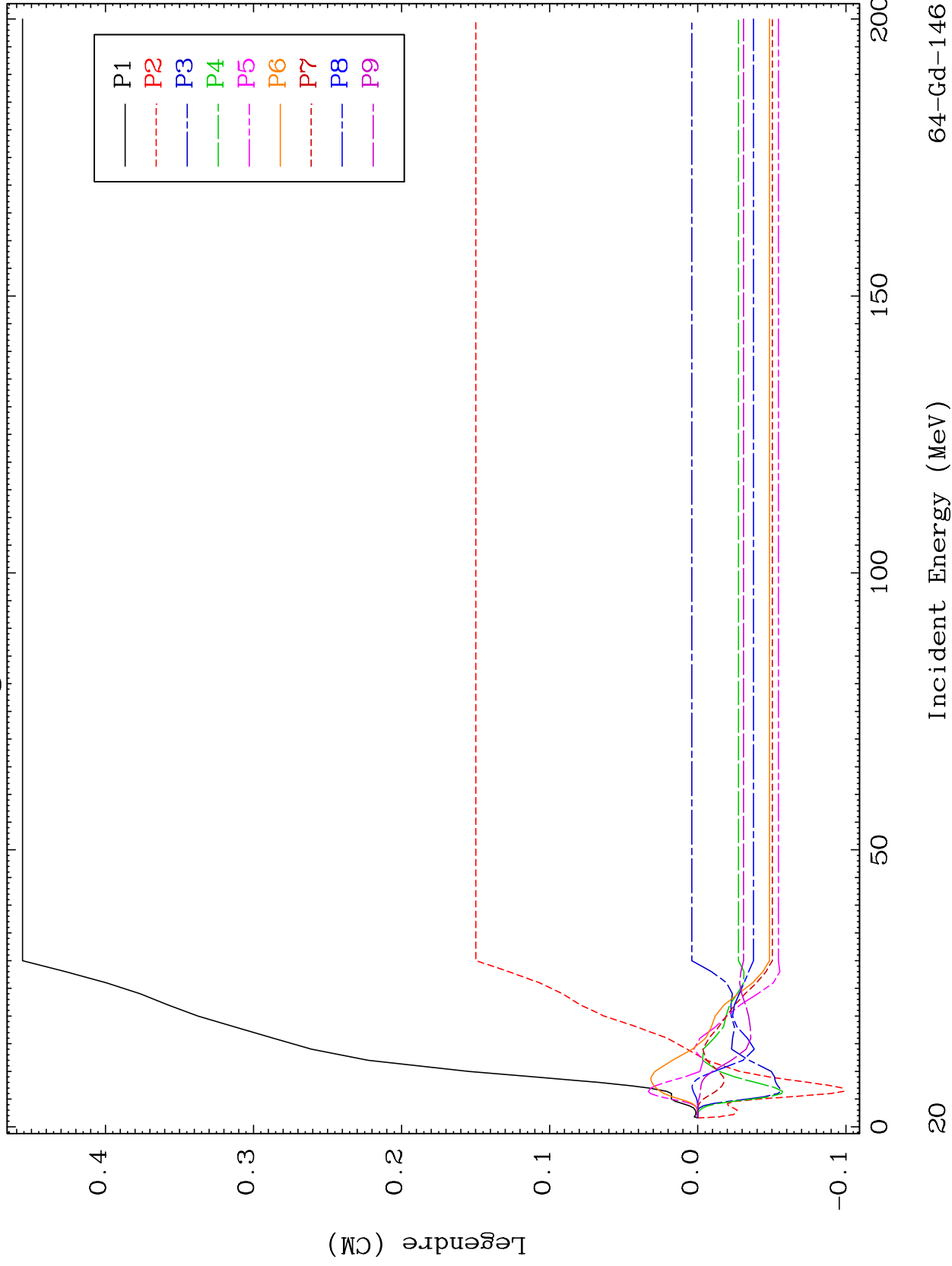
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



64-Gd-146

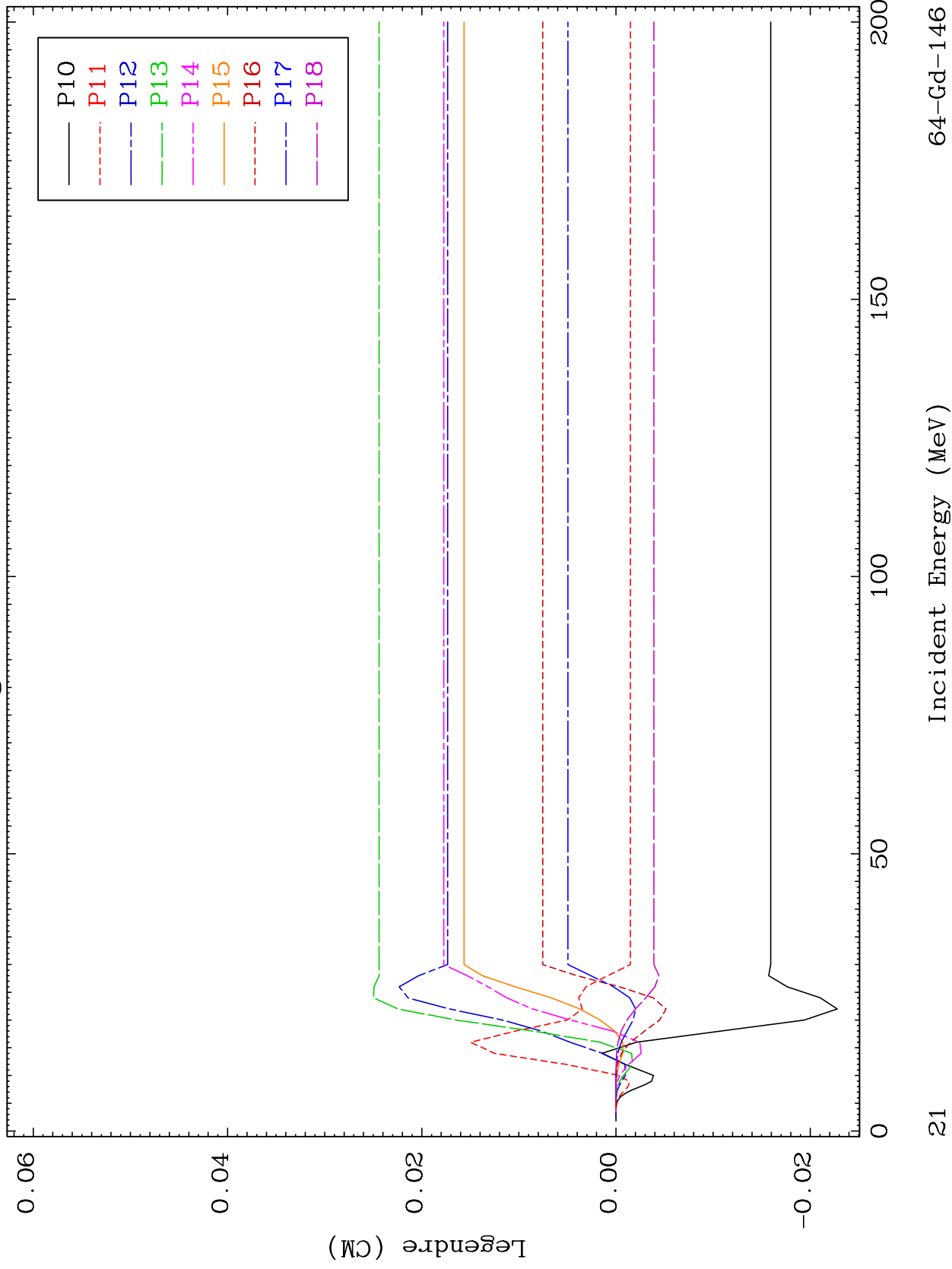
Incident Energy (MeV)

20

MAT 6407

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

64-Gd-146



64-Gd-146

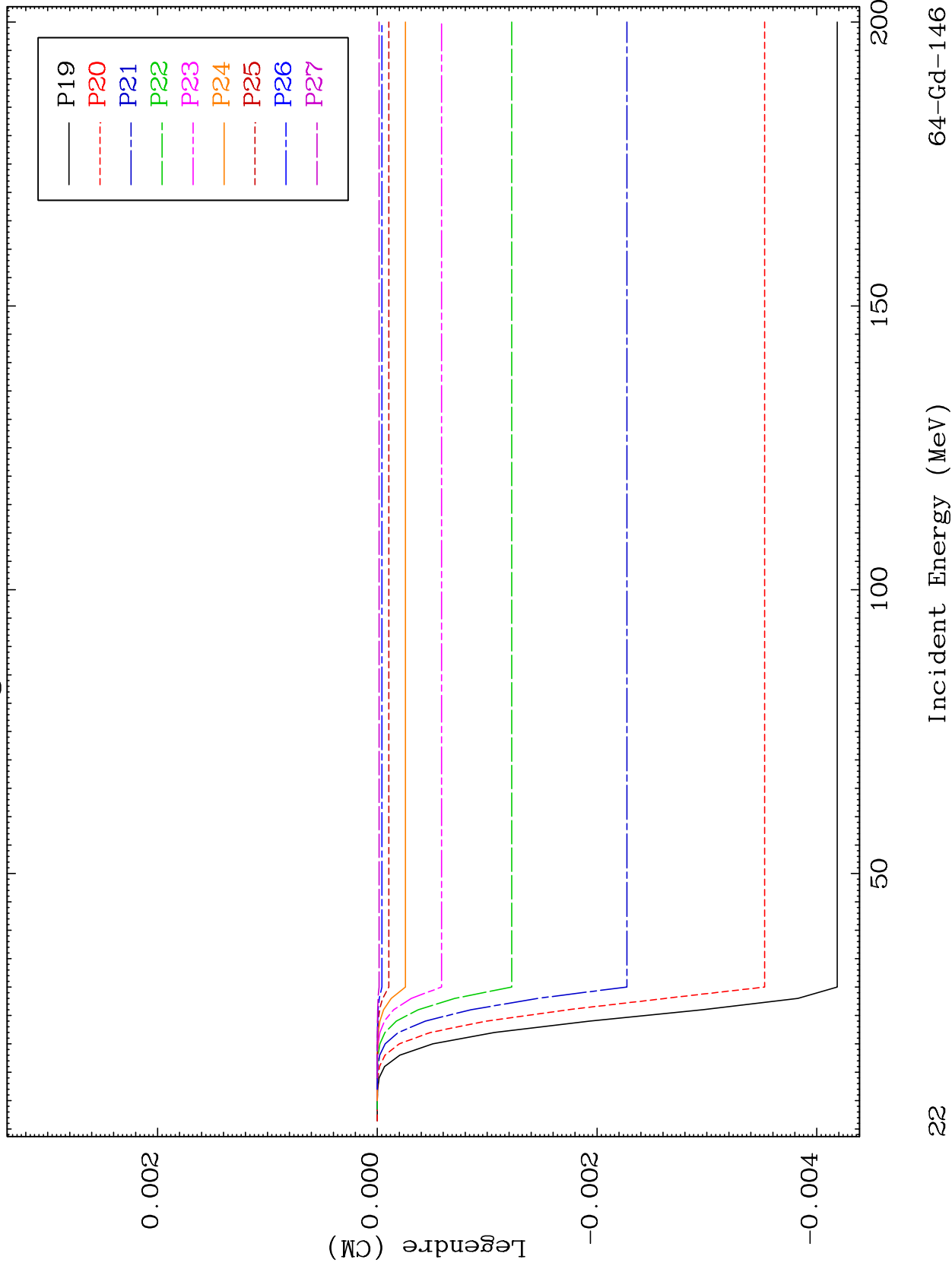
Incident Energy (MeV)

21

MAT 6407

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

64-Gd-146



22

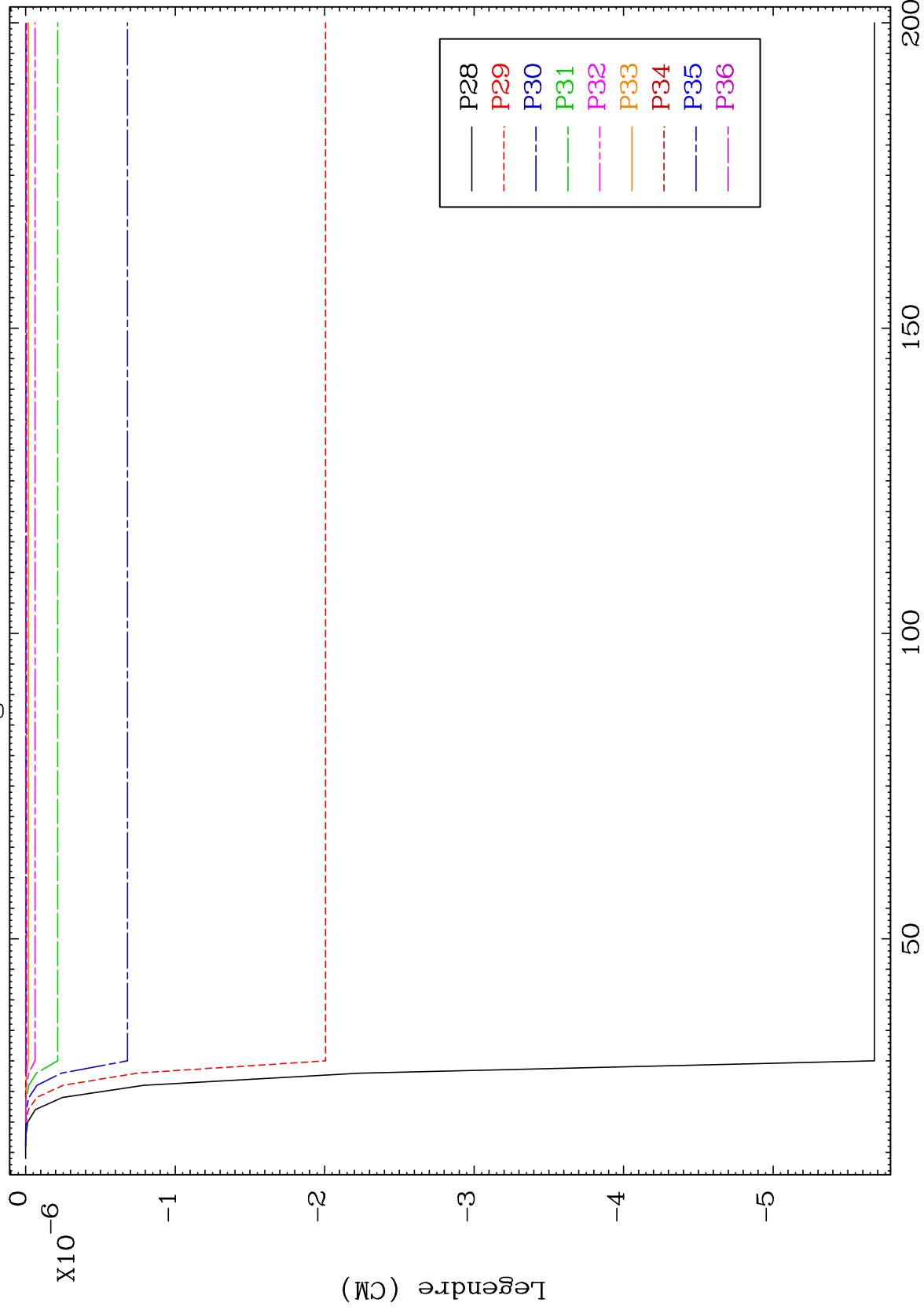
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

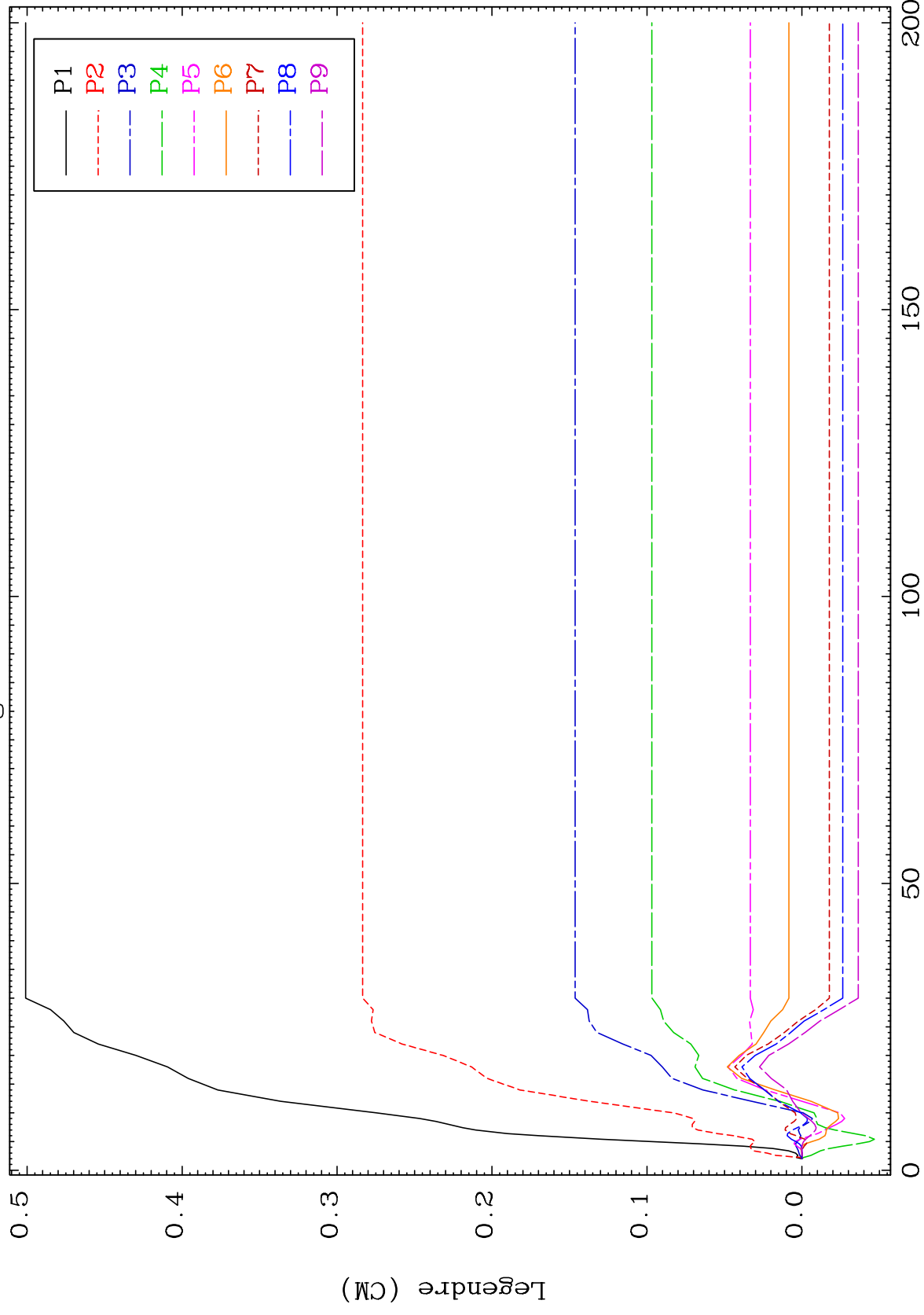
64-Gd-146



MAT 6407

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

64-Gd-146



64-Gd-146

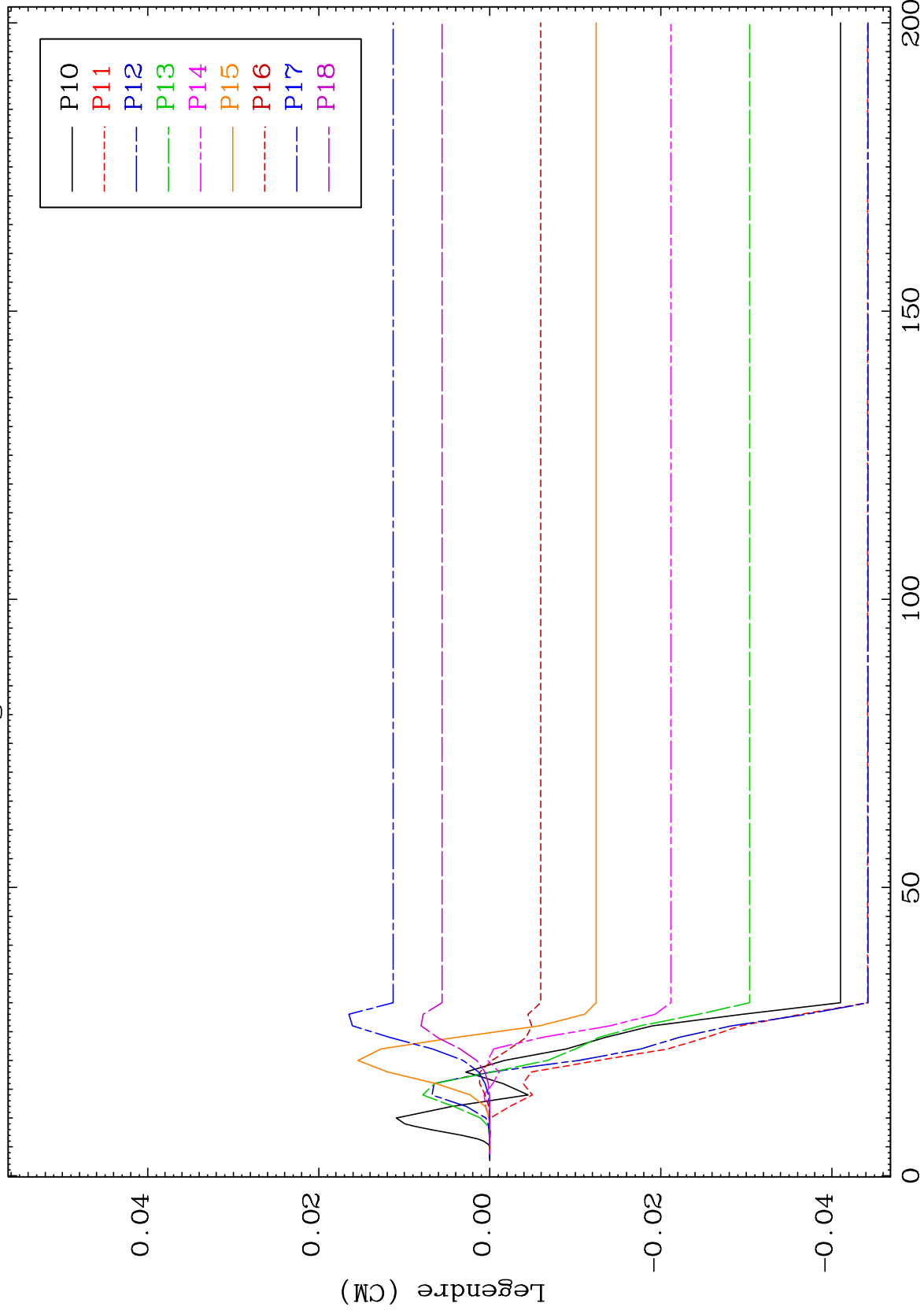
Incident Energy (MeV)

24

MAT 6407

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

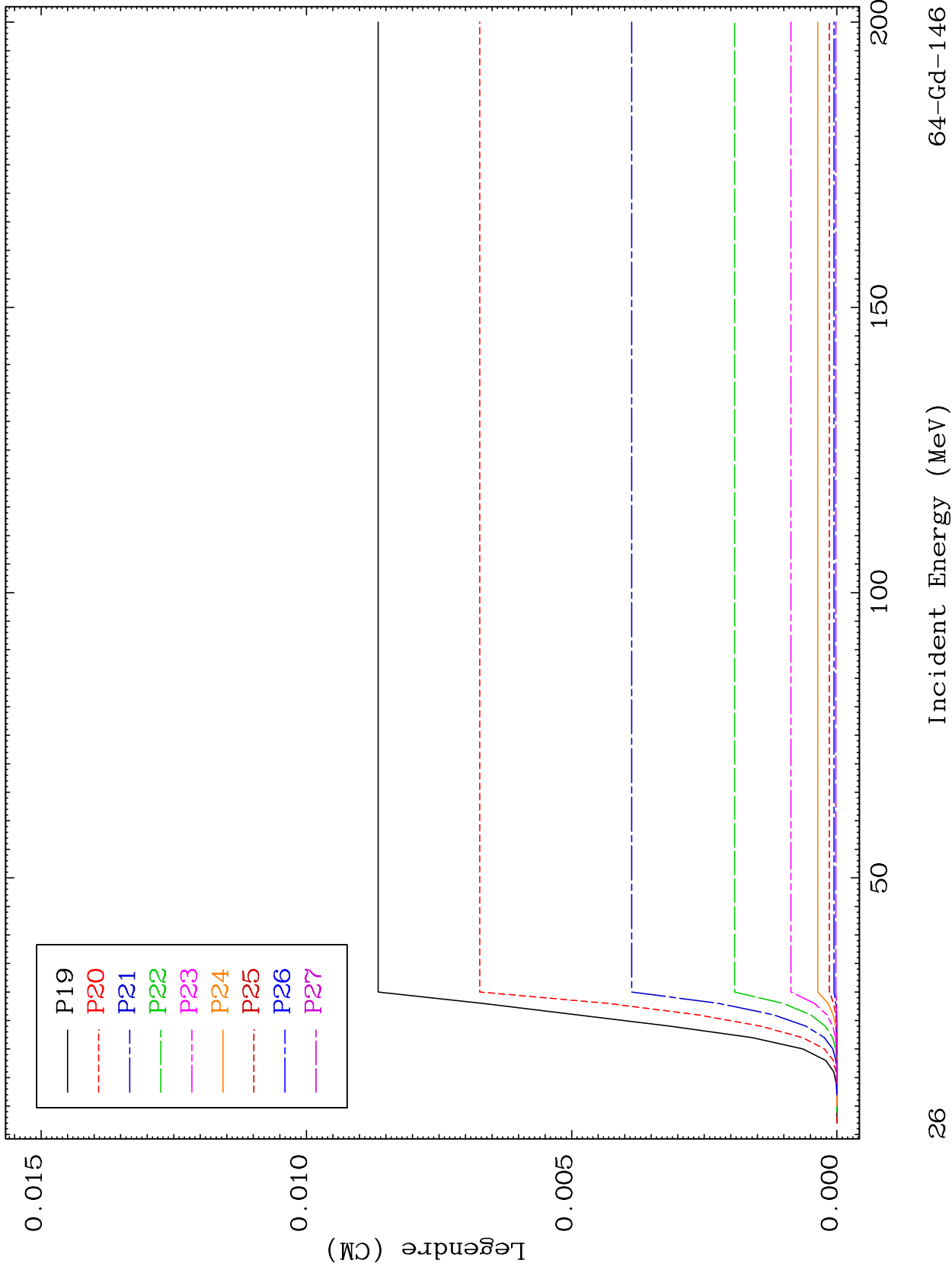
64-Gd-146



25

Incident Energy (MeV)

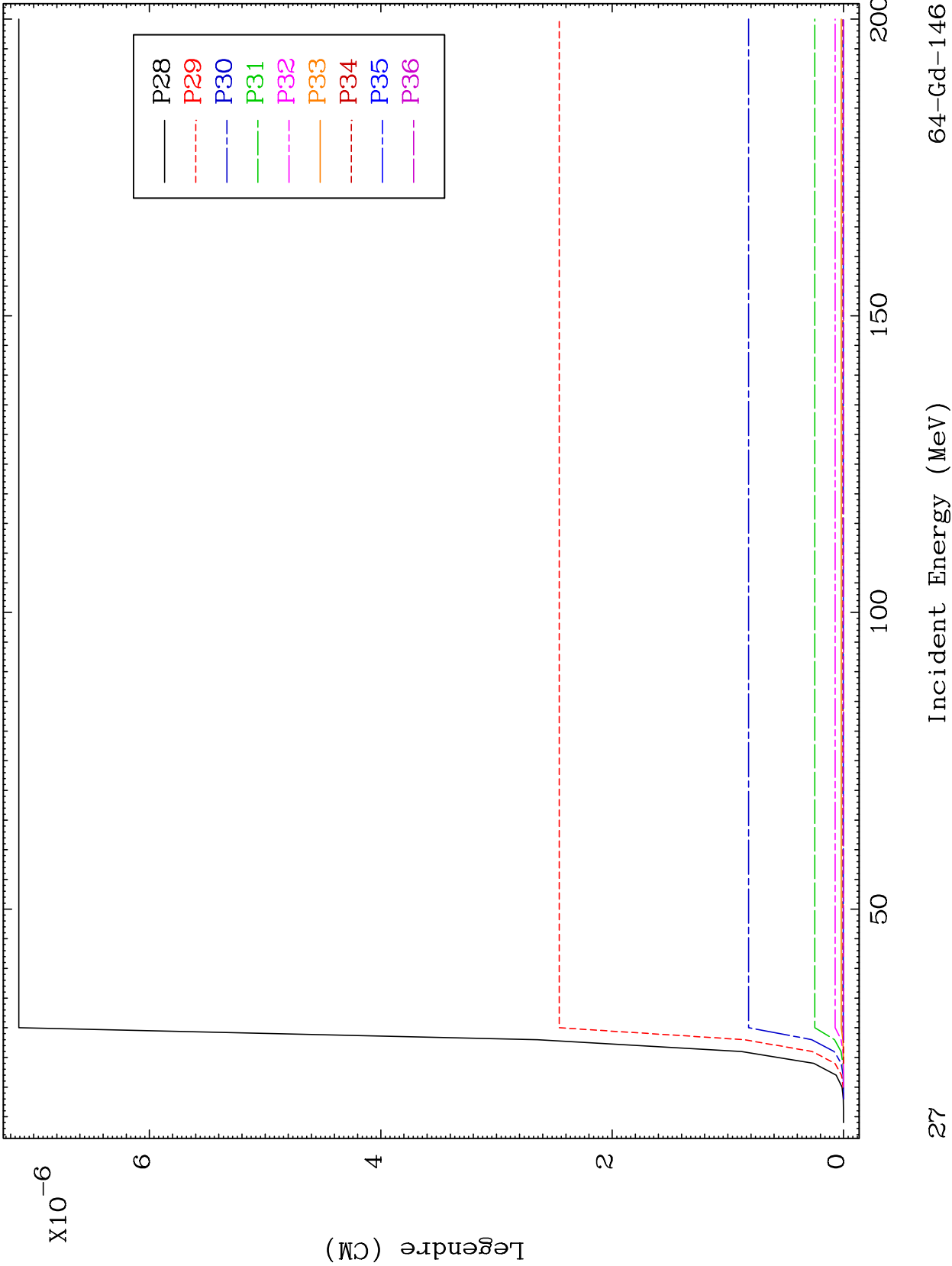
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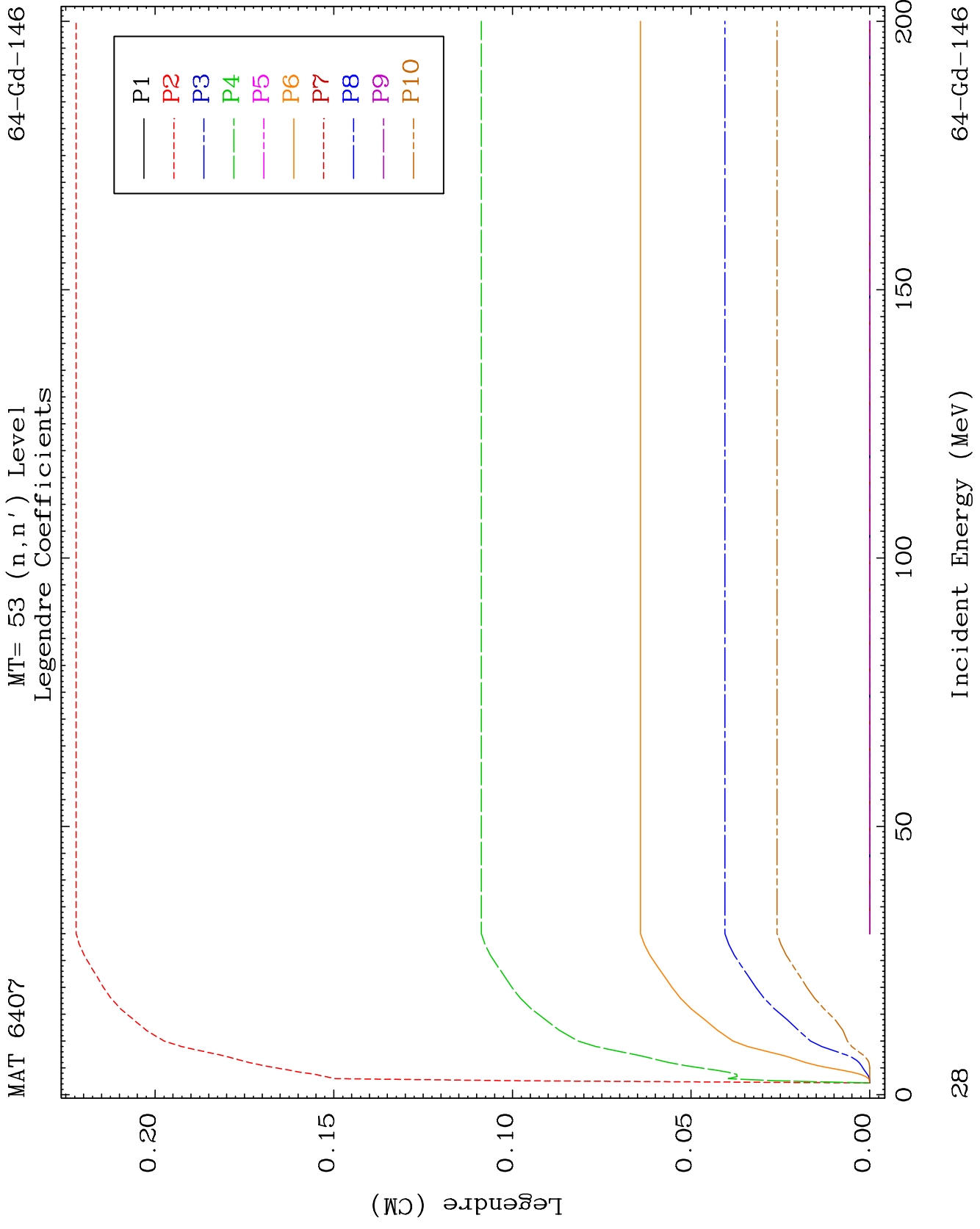


MAT 6407

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

64-Gd-146



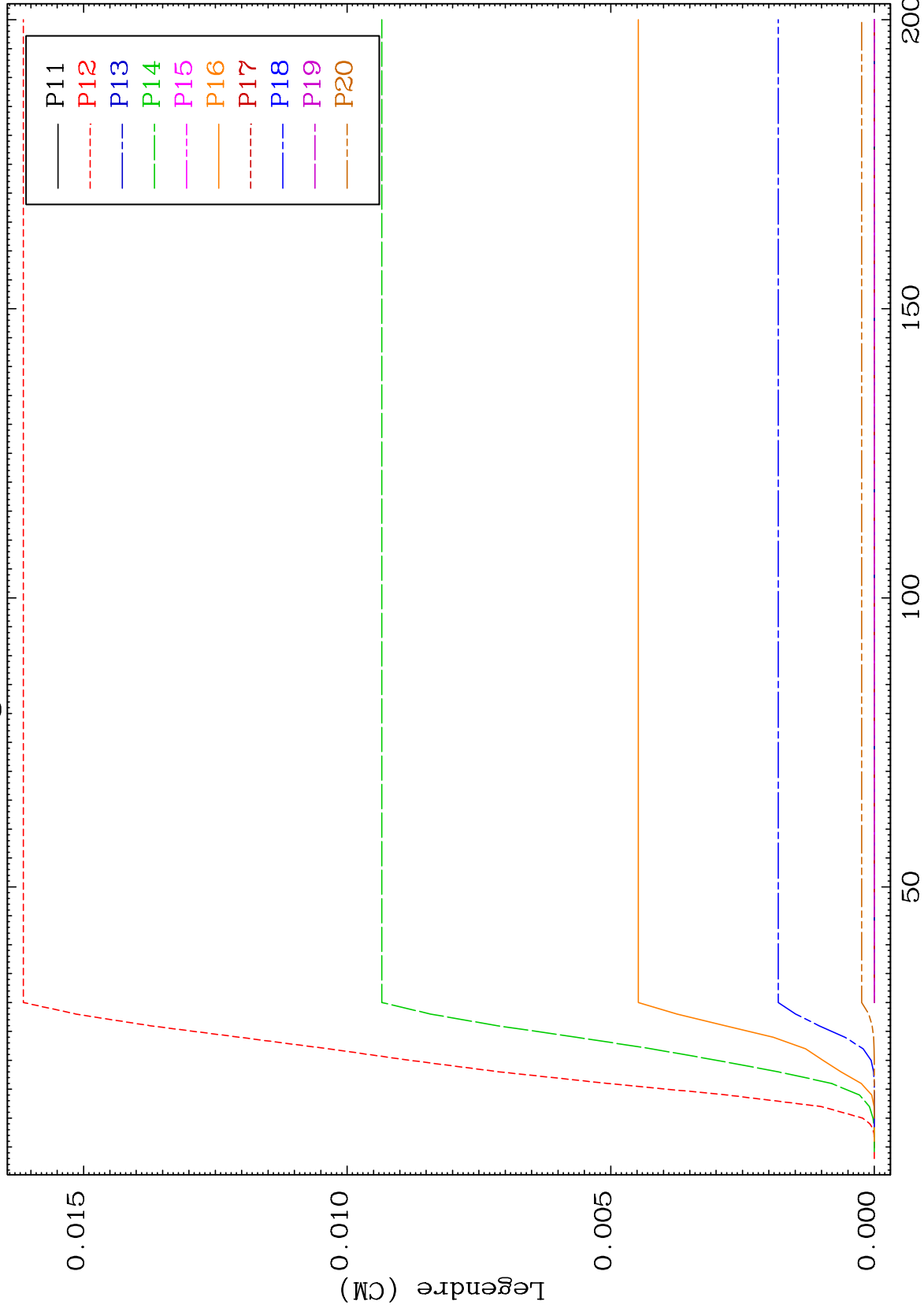


MAT 6407

MT= 53 (n,n') Level

64-Gd-146

Legendre Coefficients



29

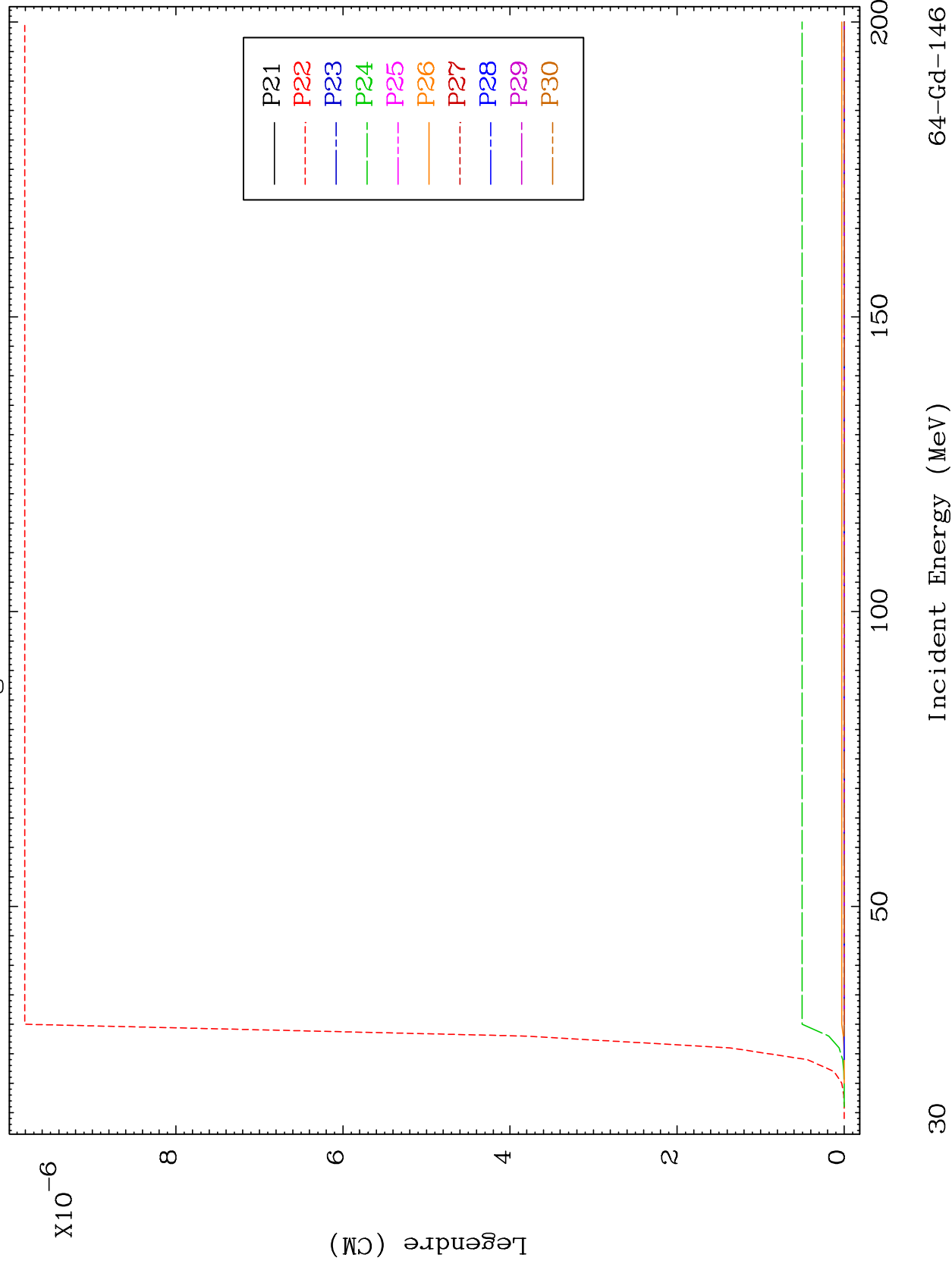
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

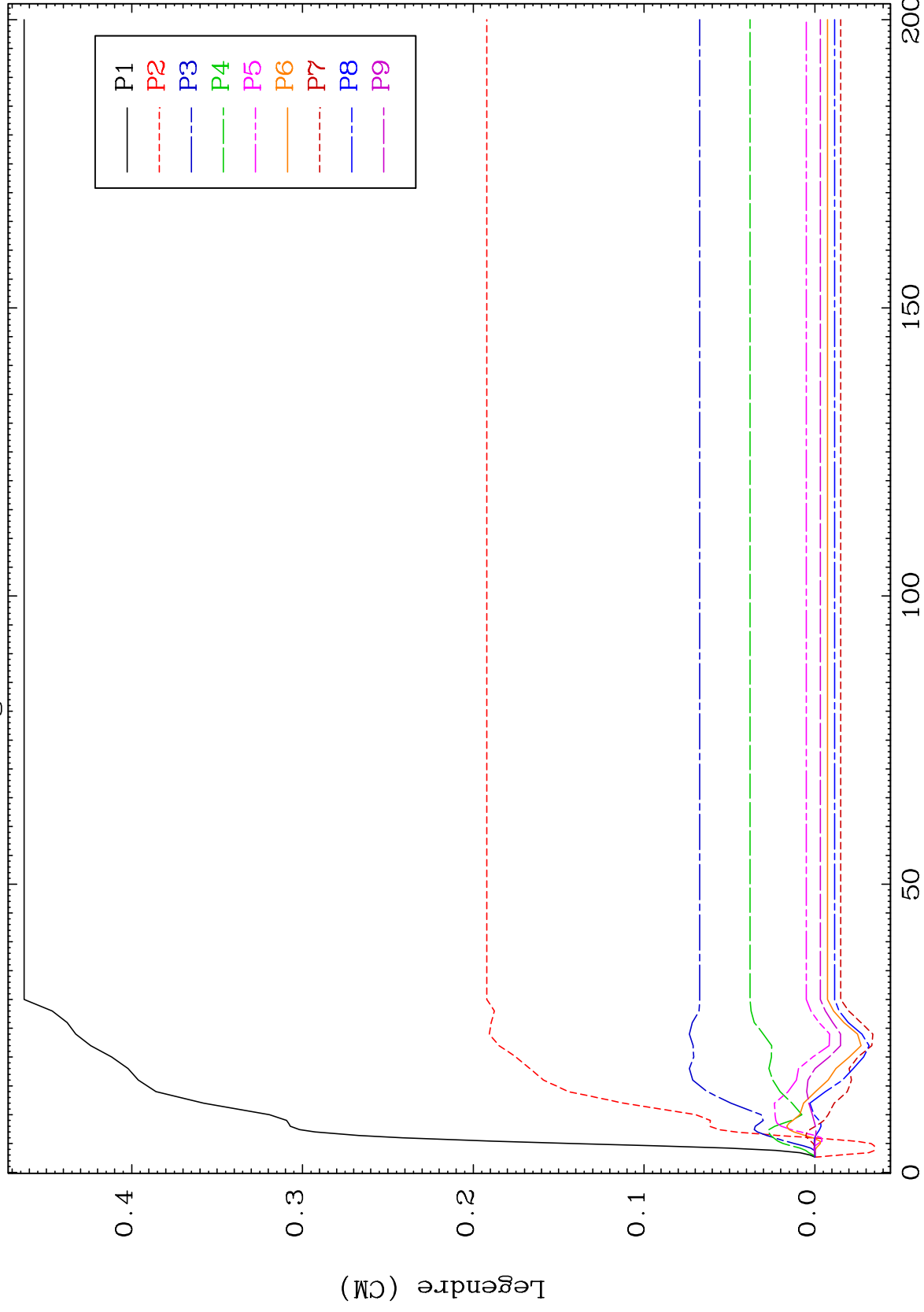
64-Gd-146



MAT 6407

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

64-Gd-146



31

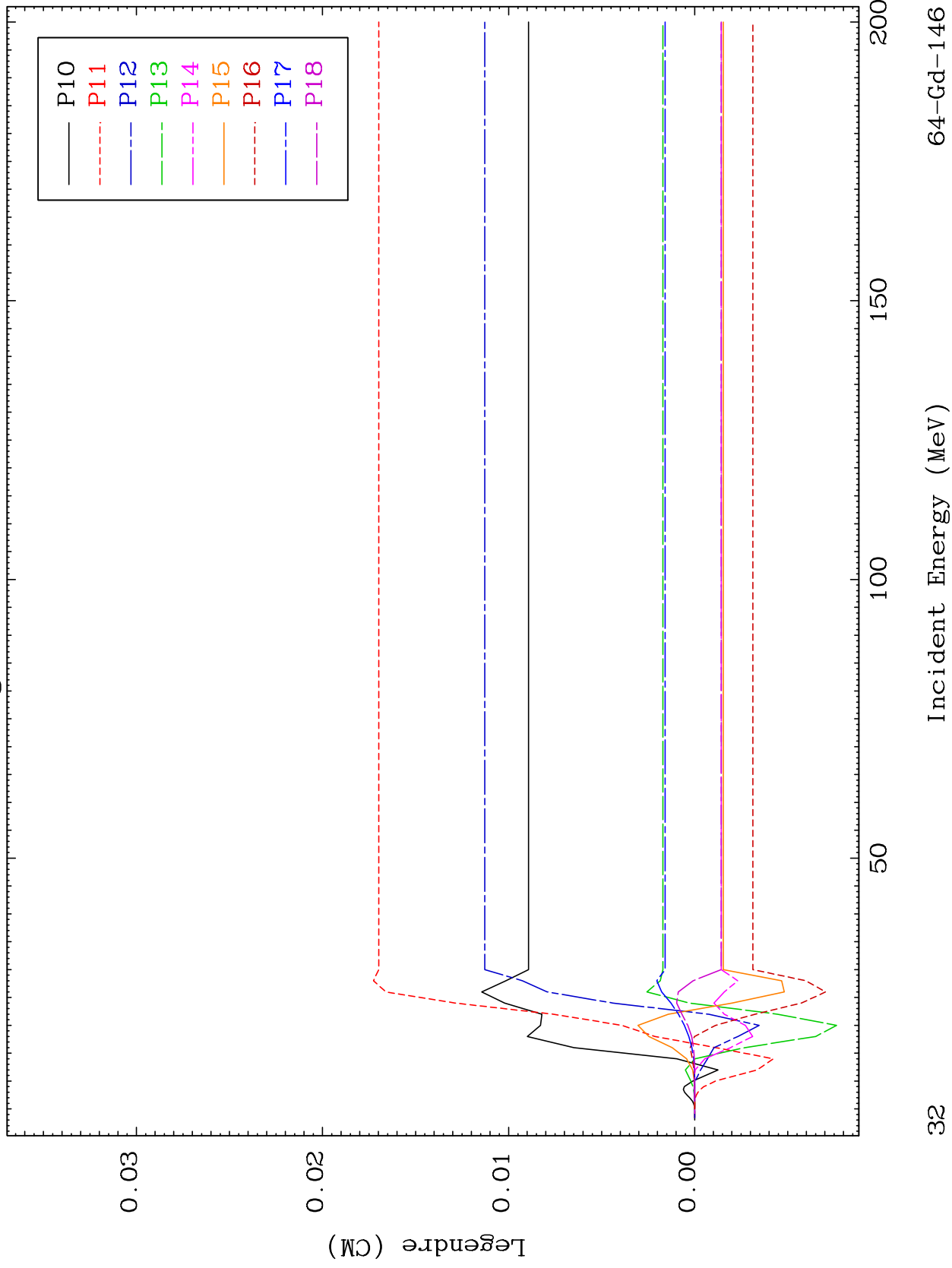
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



32

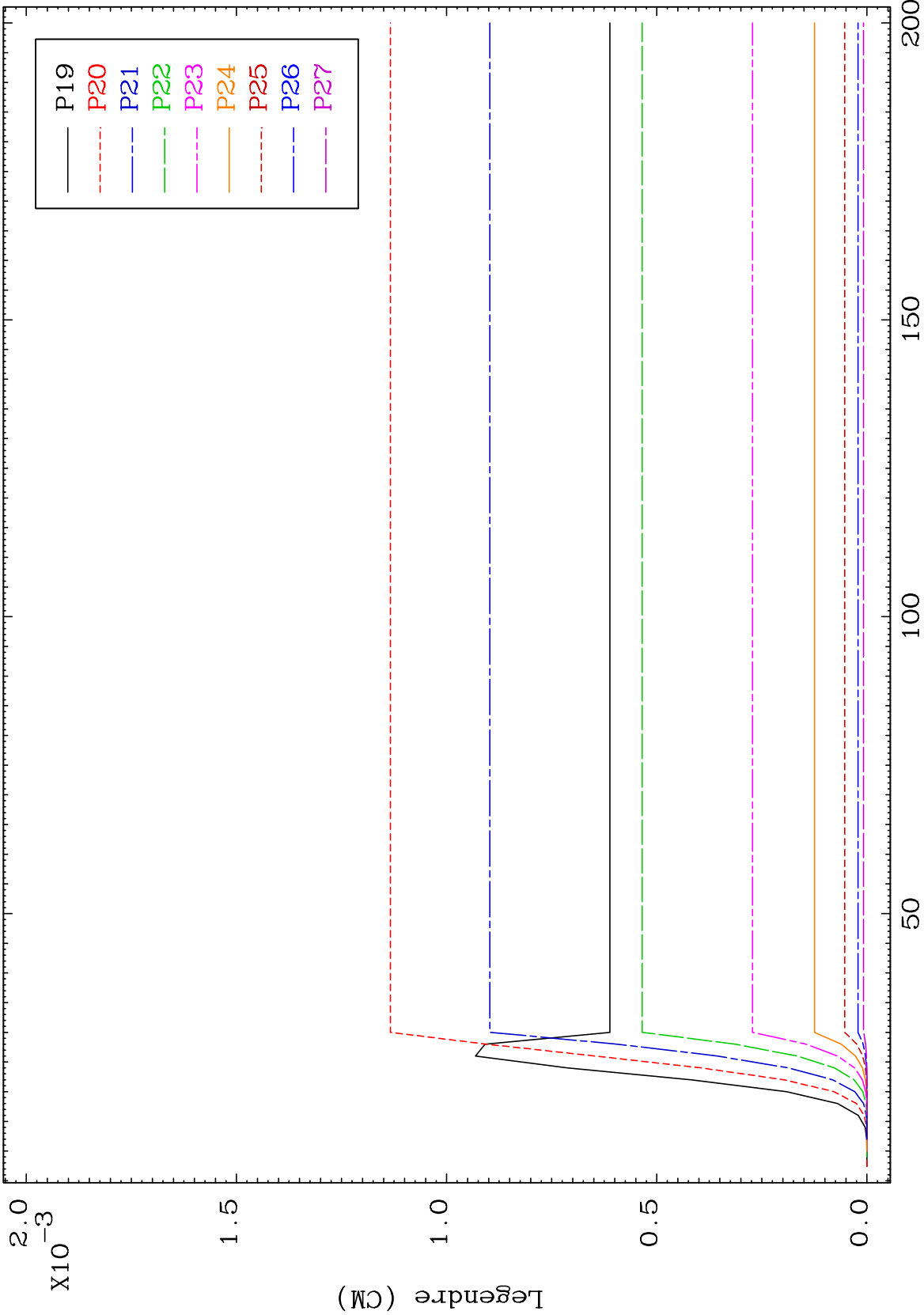
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

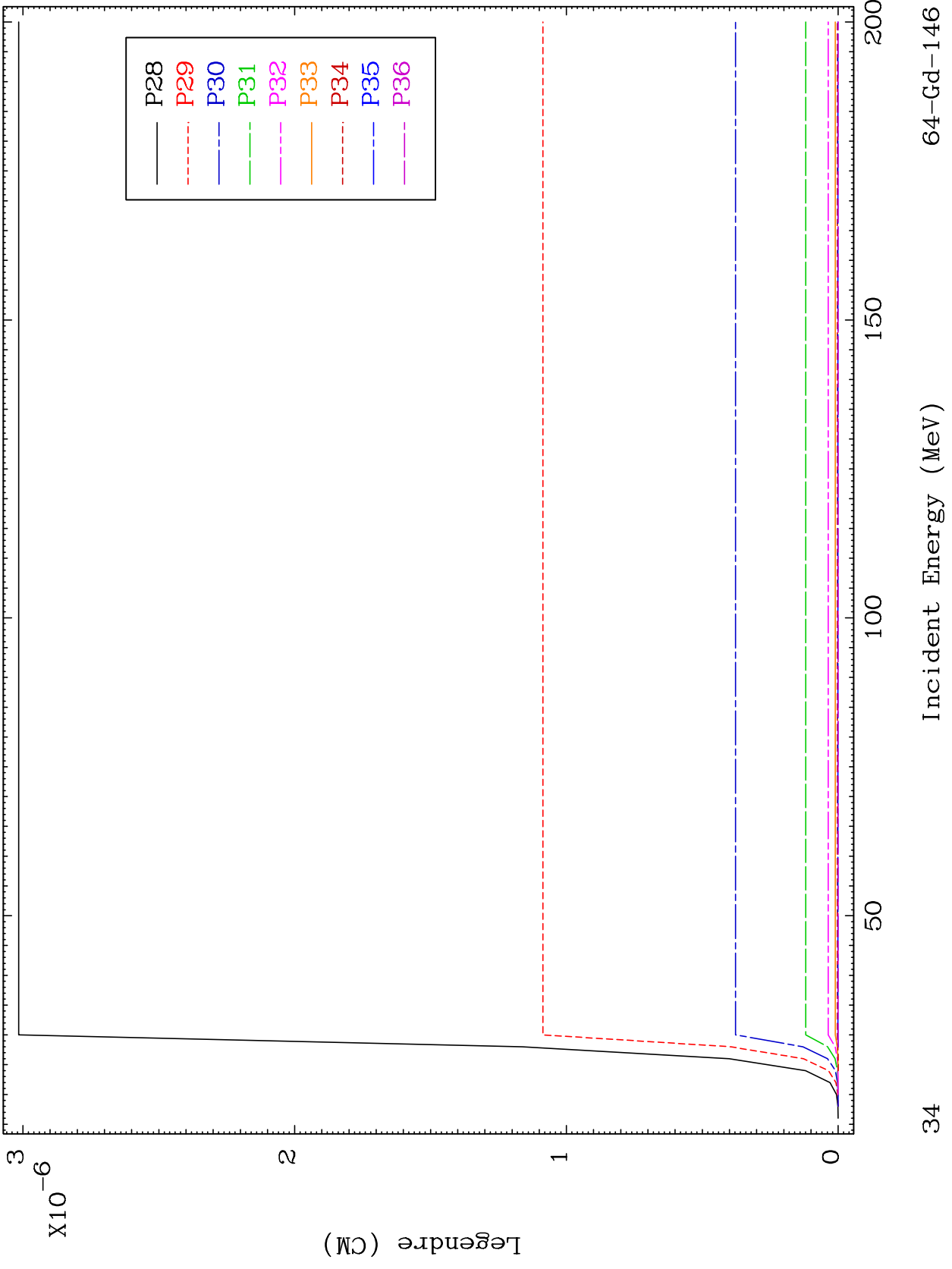
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MAT 6407

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

64-Gd-146



34

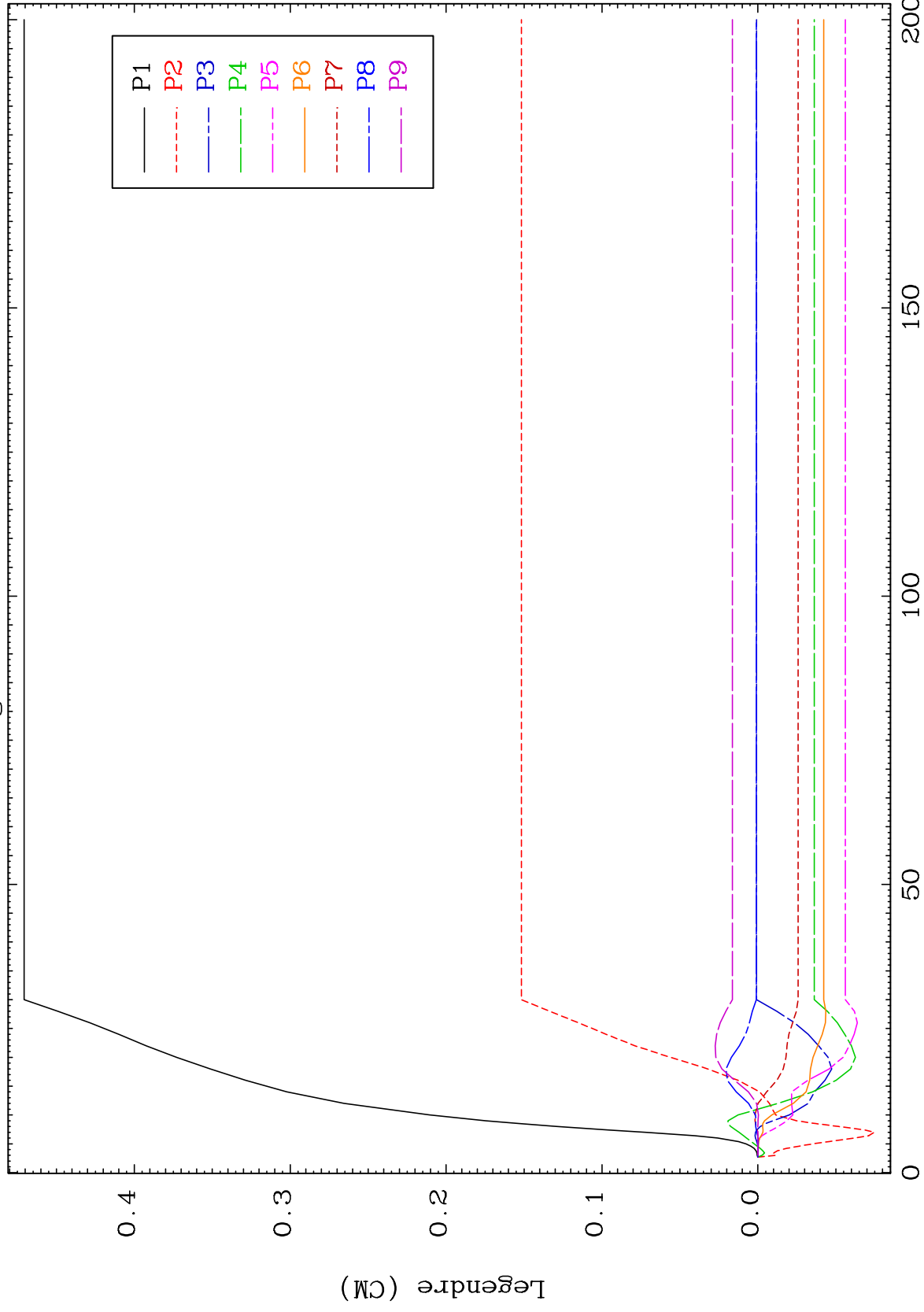
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

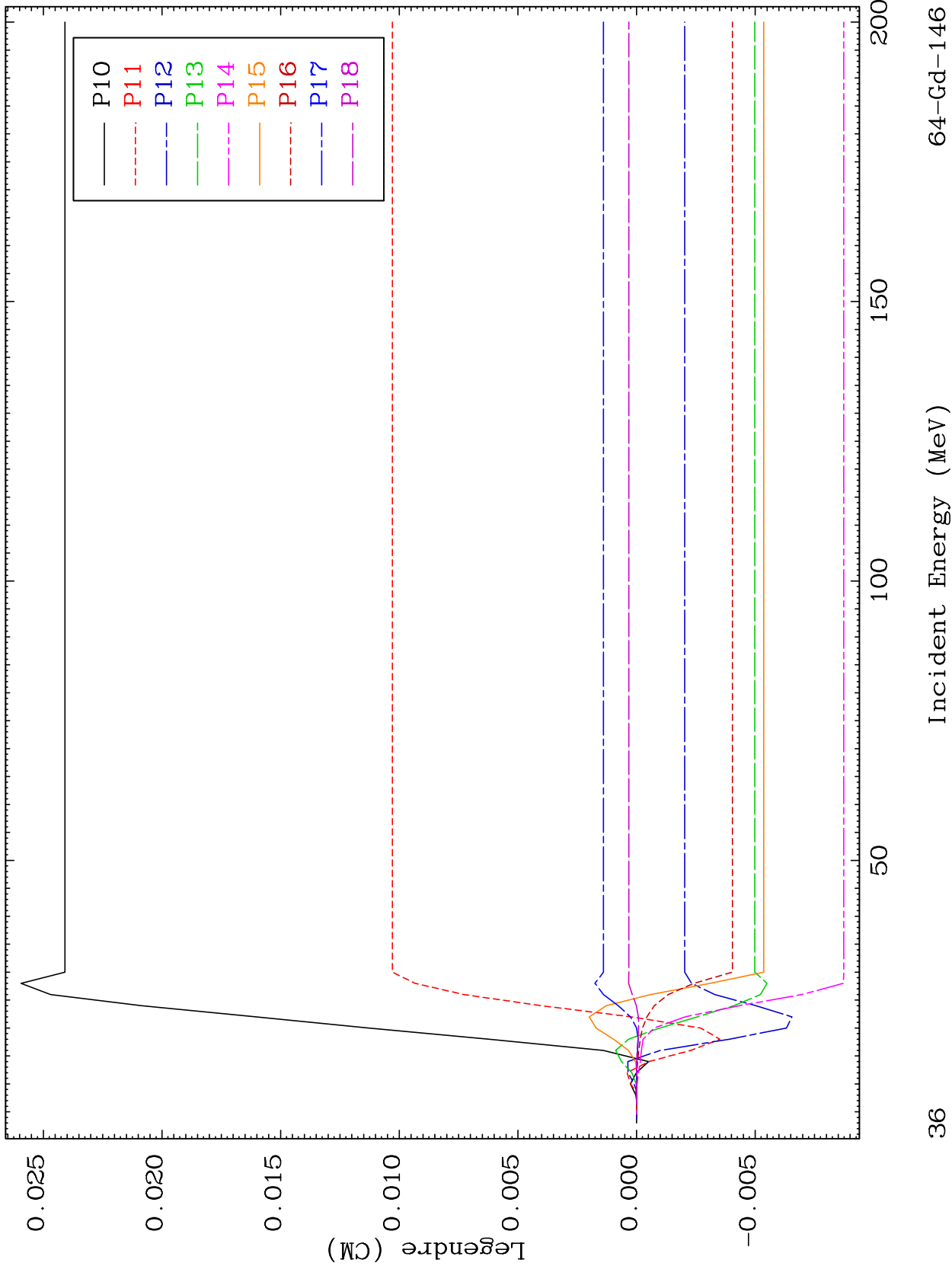
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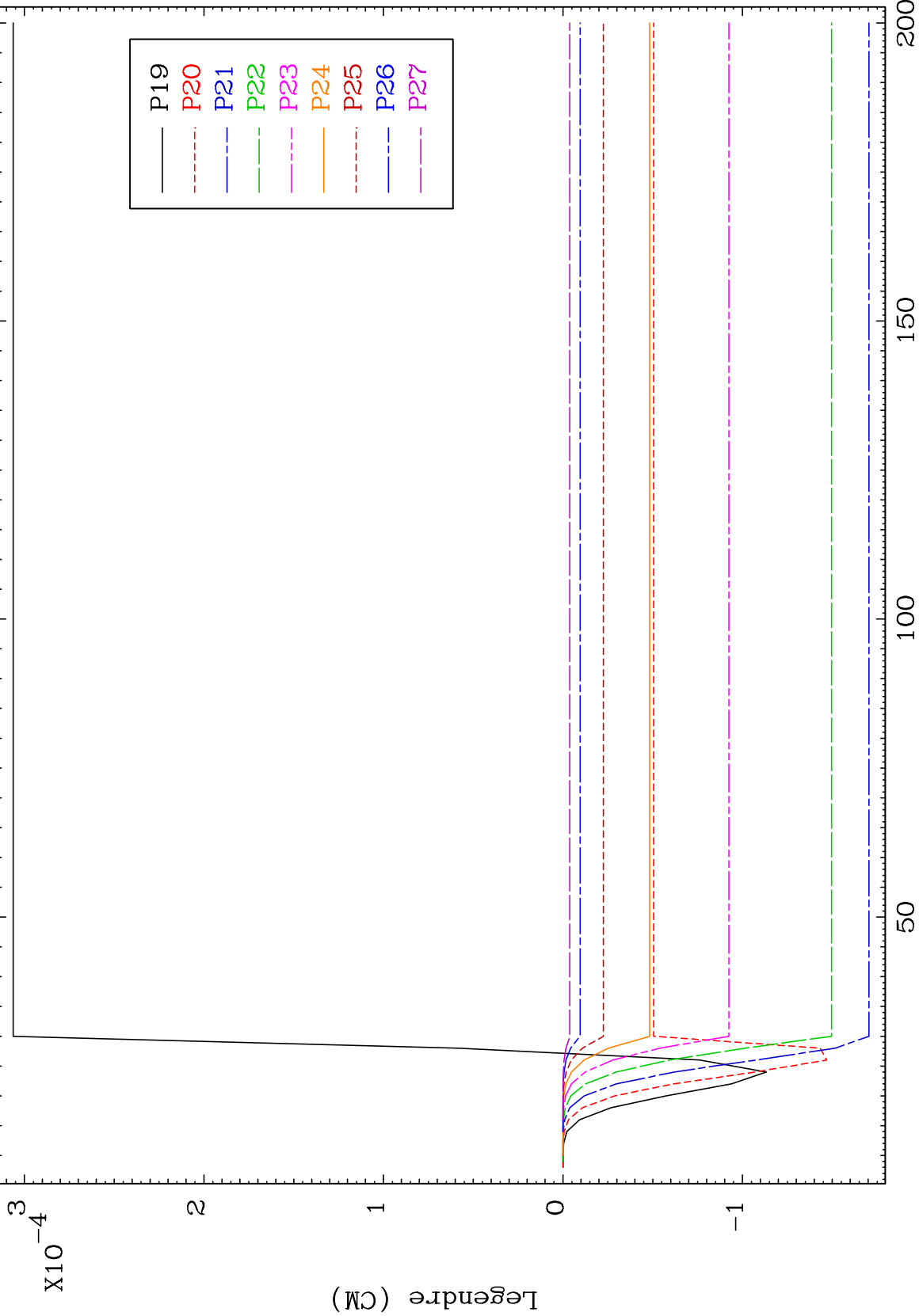


35

Incident Energy (MeV)

64-Gd-146

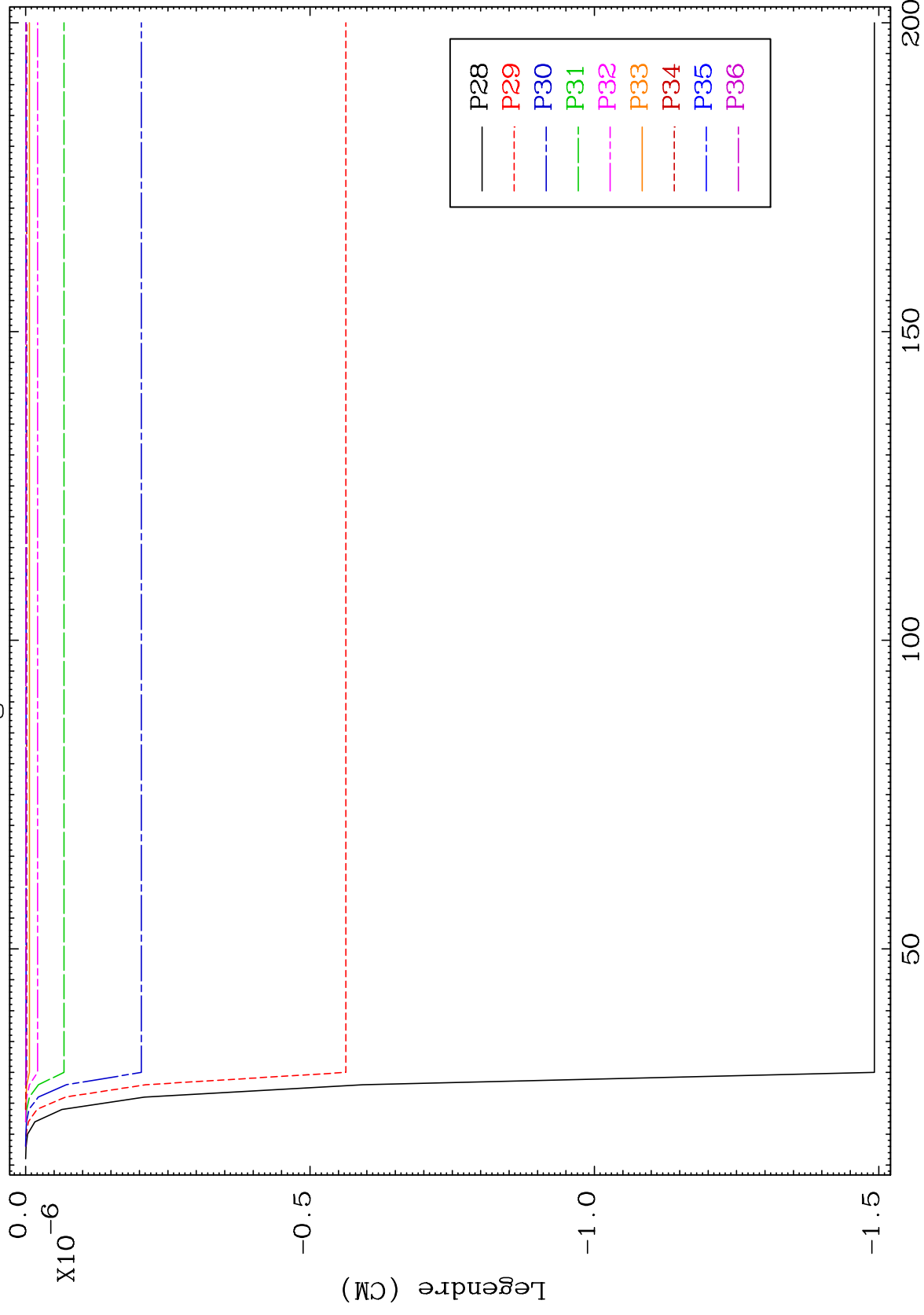


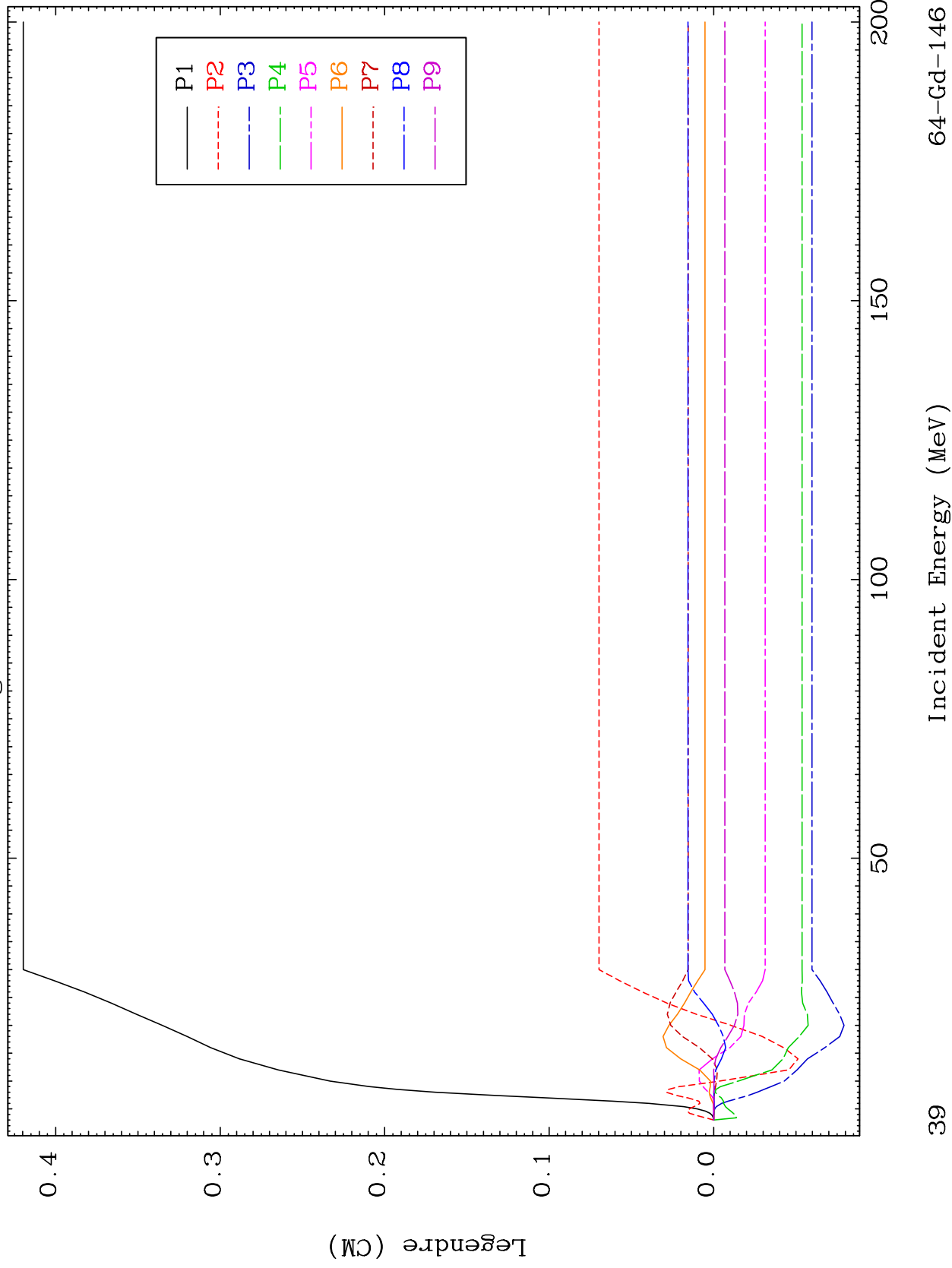


MAT 6407

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

64-Gd-146

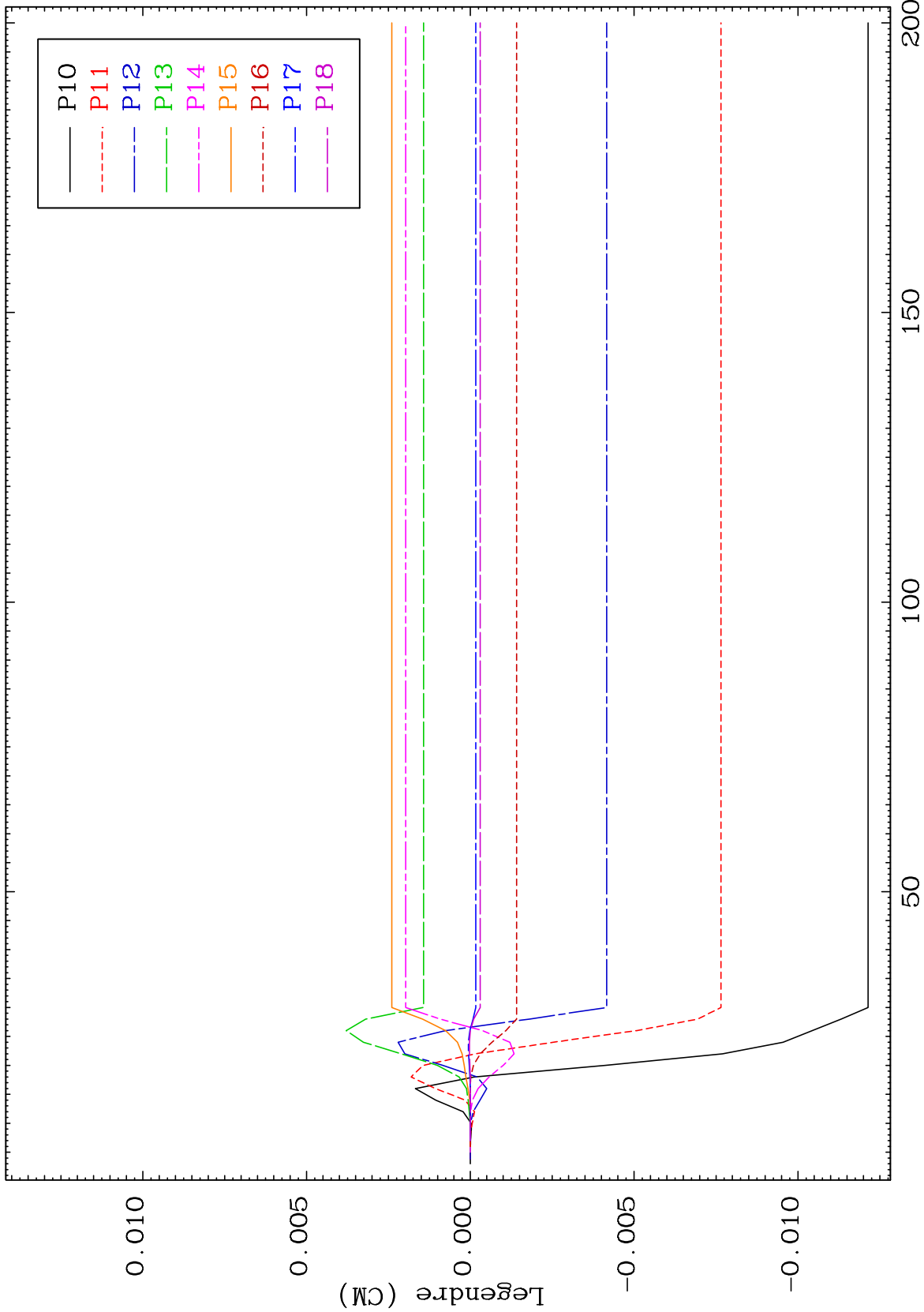




MAT 6407

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

64-Gd-146



40

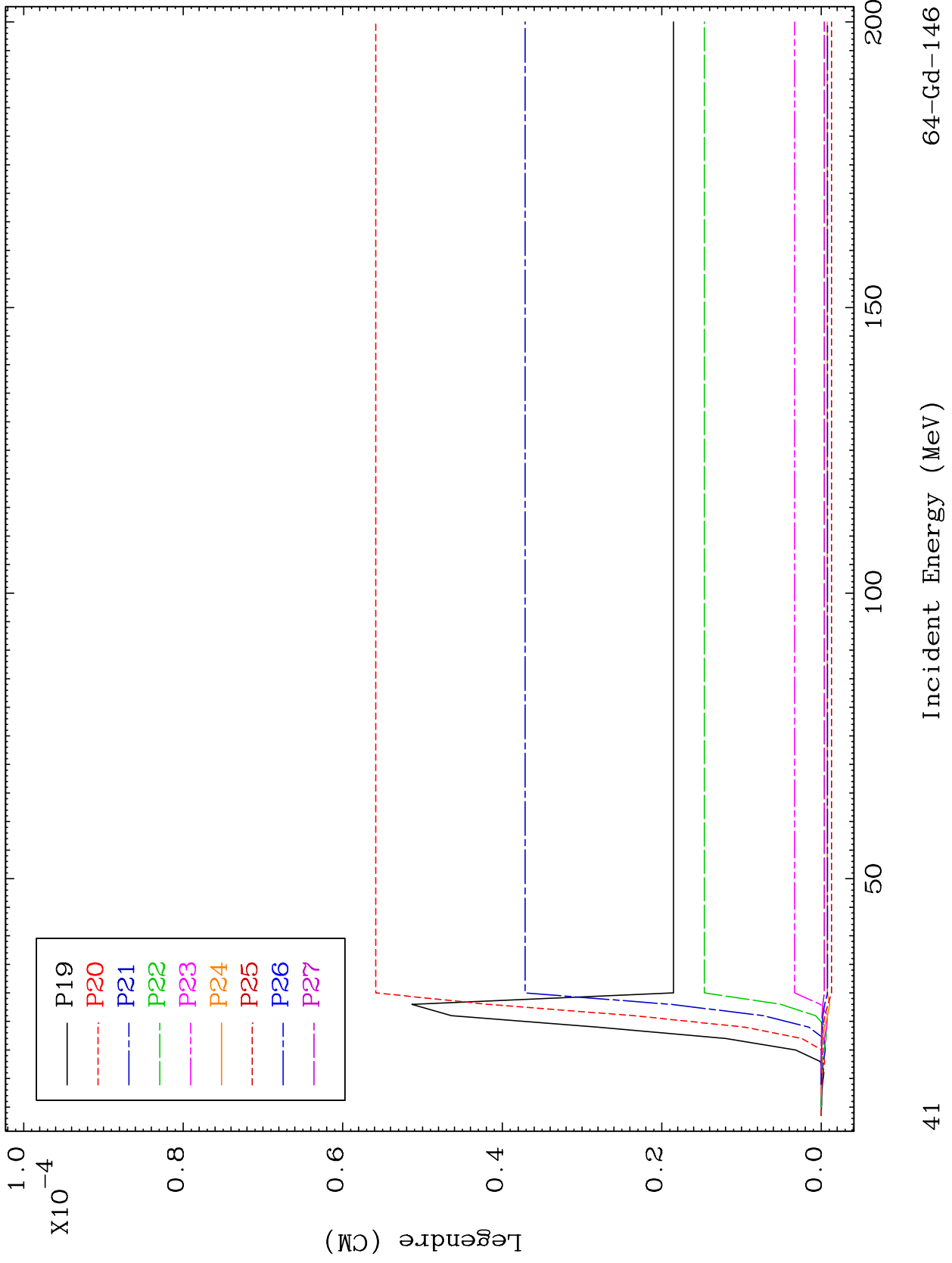
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



41

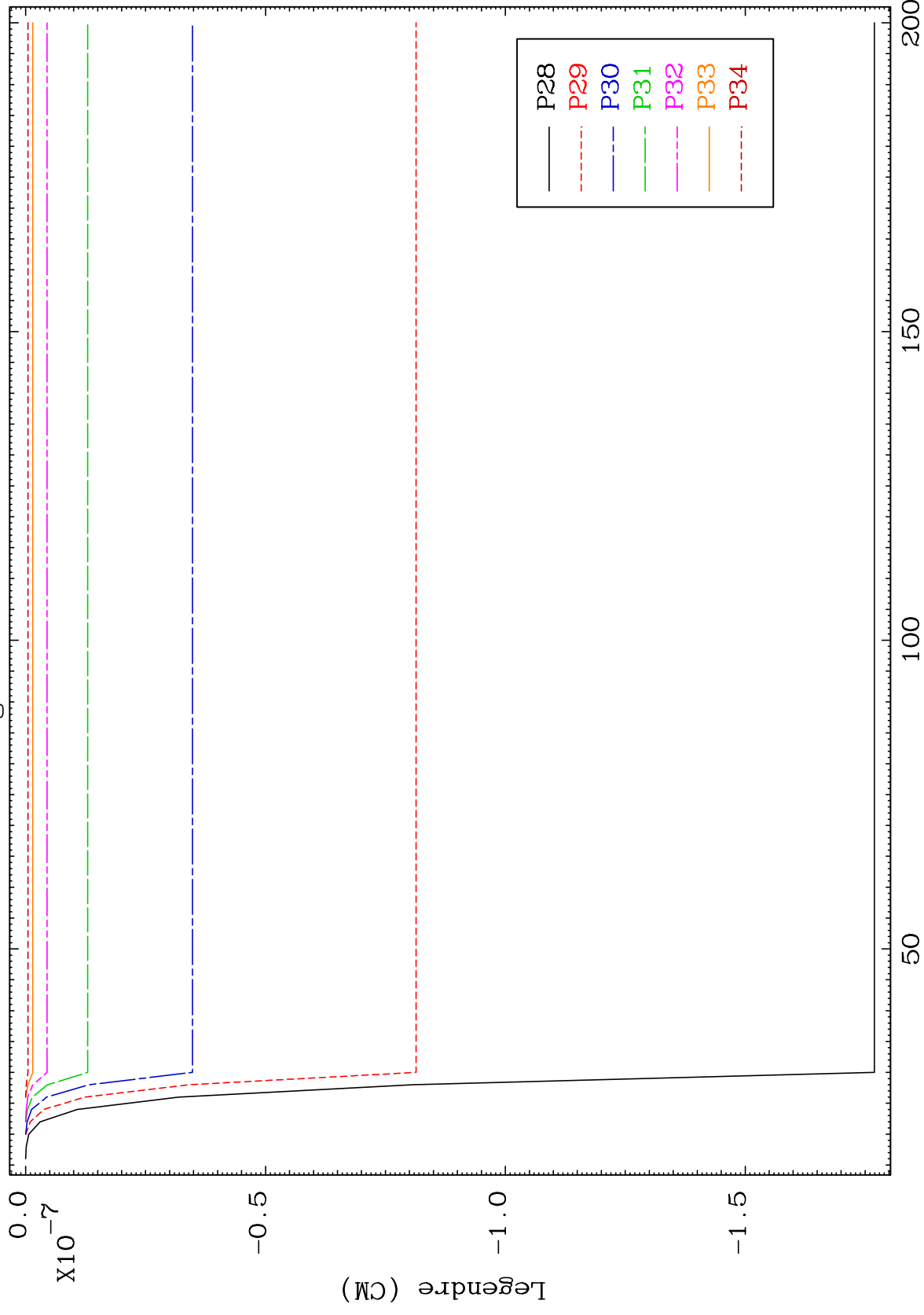
Incident Energy (MeV)

64-Gd-146

MAT 6407

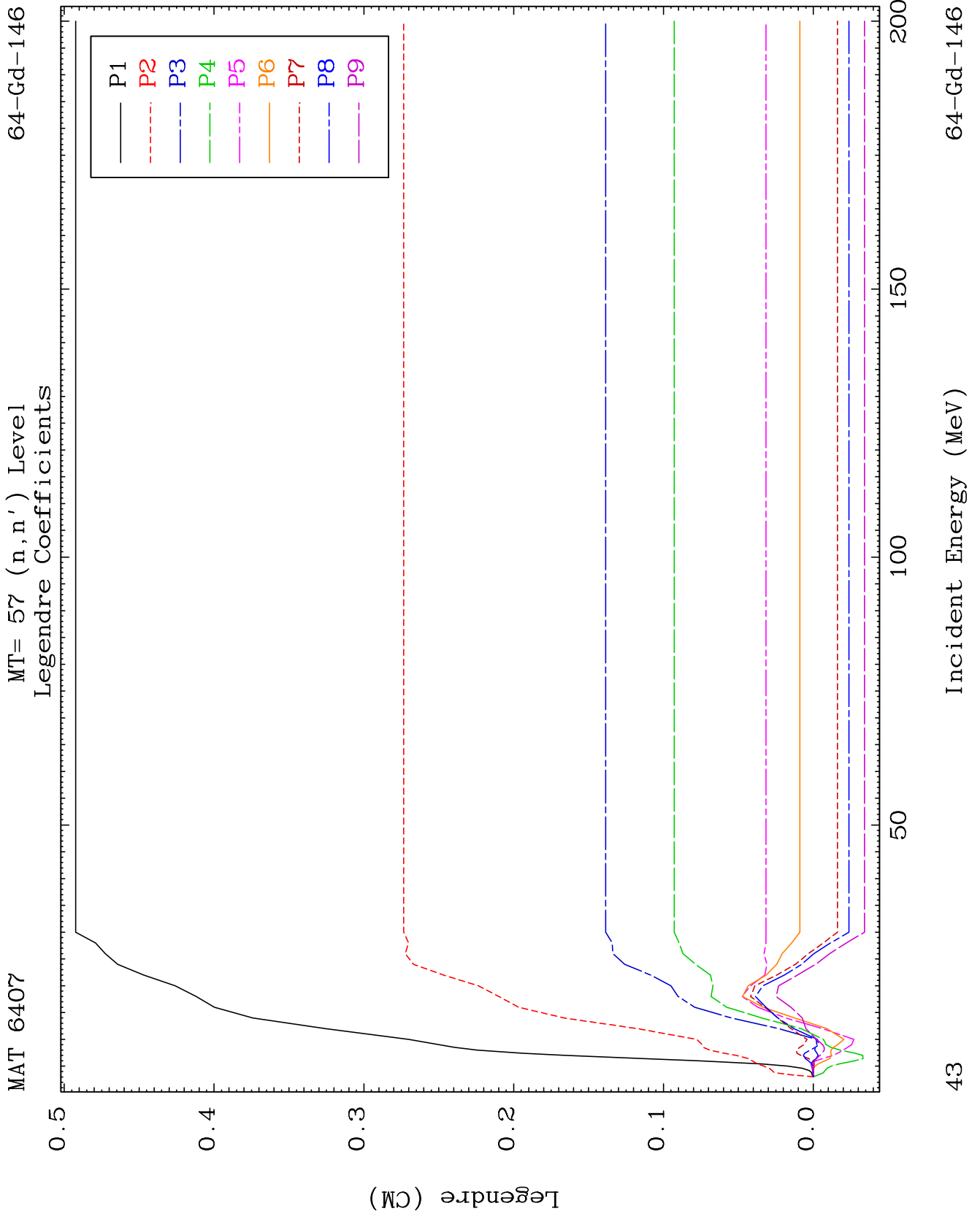
MT= 56 (n,n') Level
Legendre Coefficients

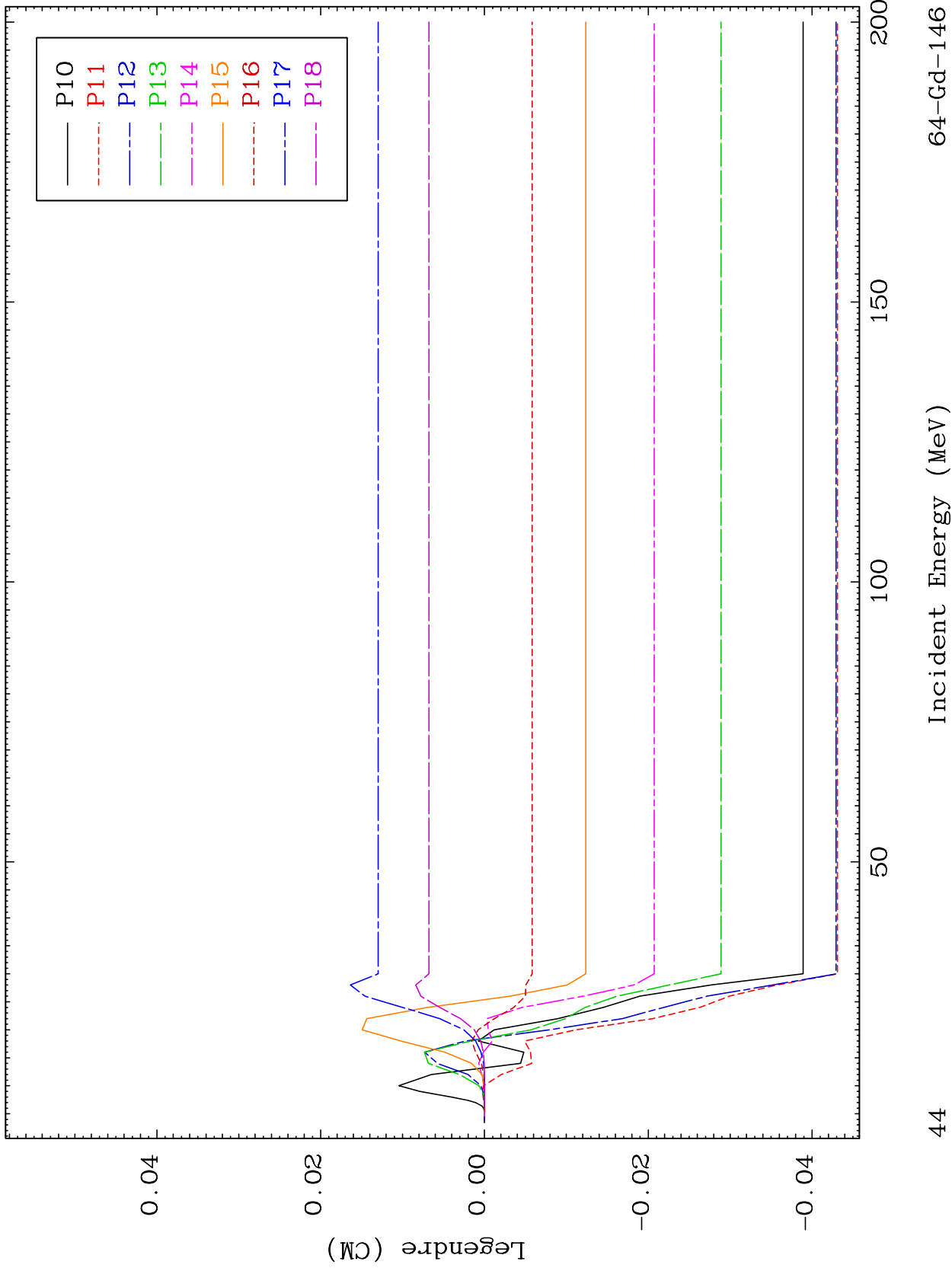
64-Gd-146



42

64-Gd-146

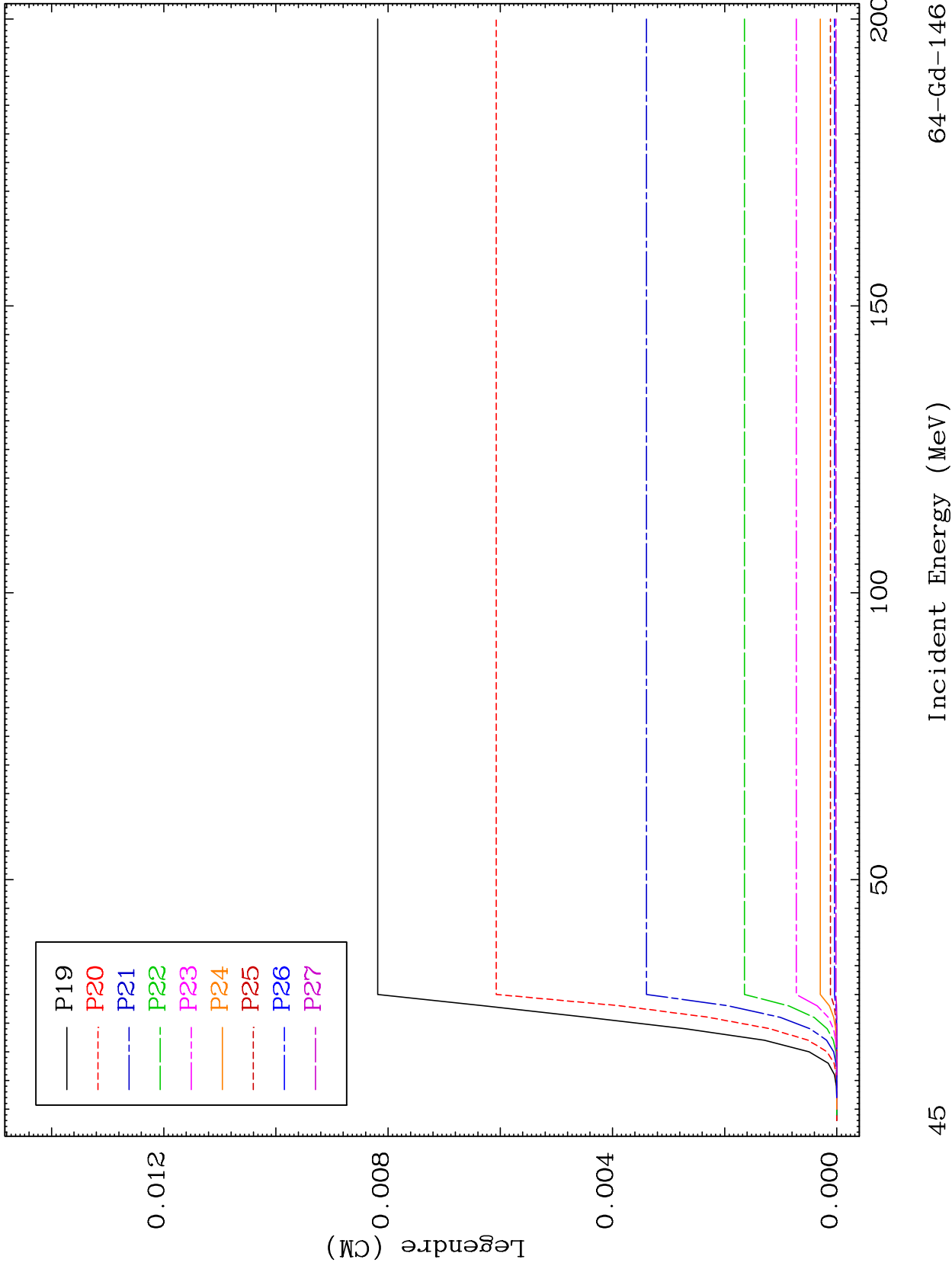




MAT 6407

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

64-Gd-146



45

50

100

150

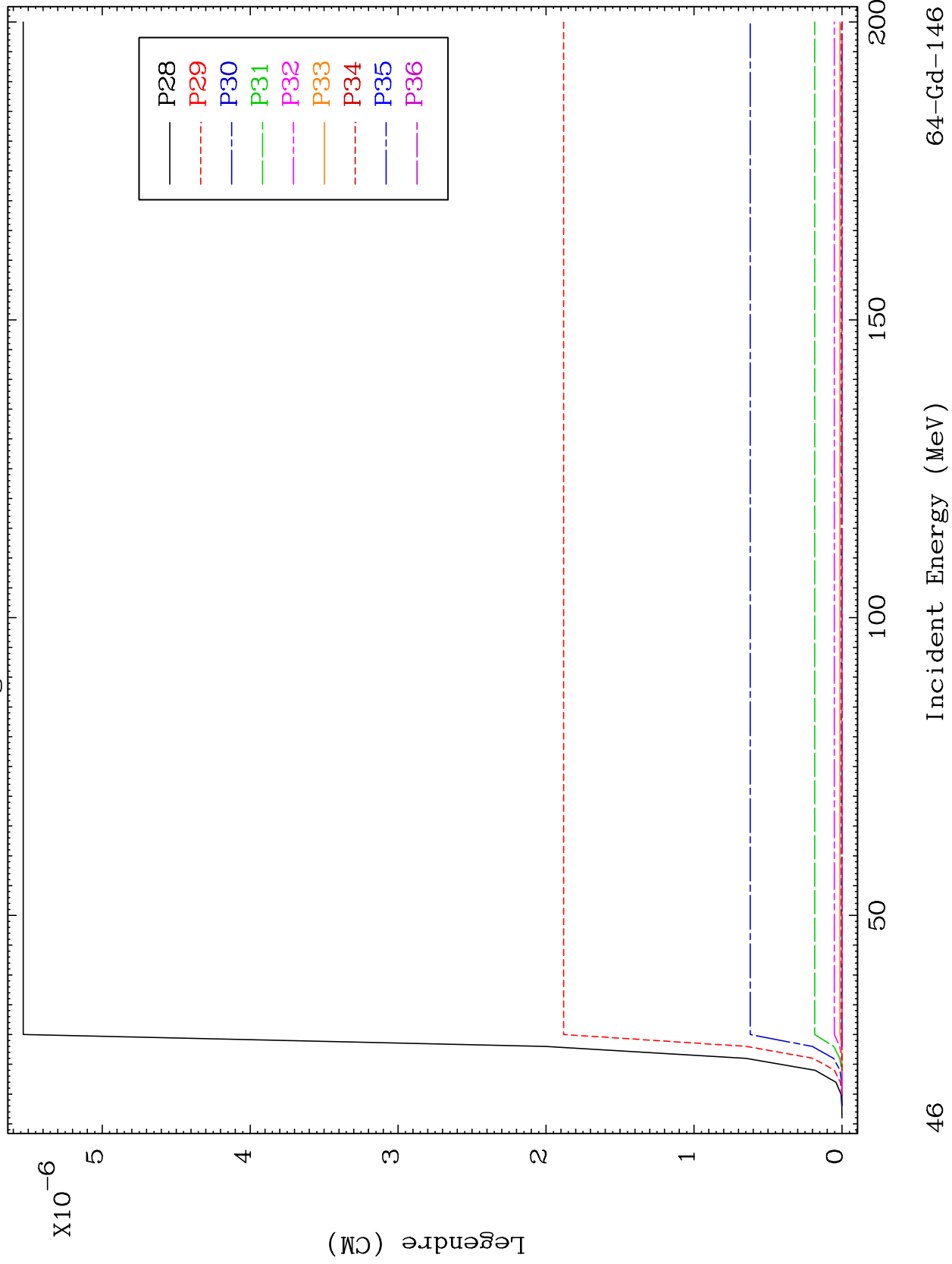
200

64-Gd-146

MAT 6407

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

64-Gd-146



46

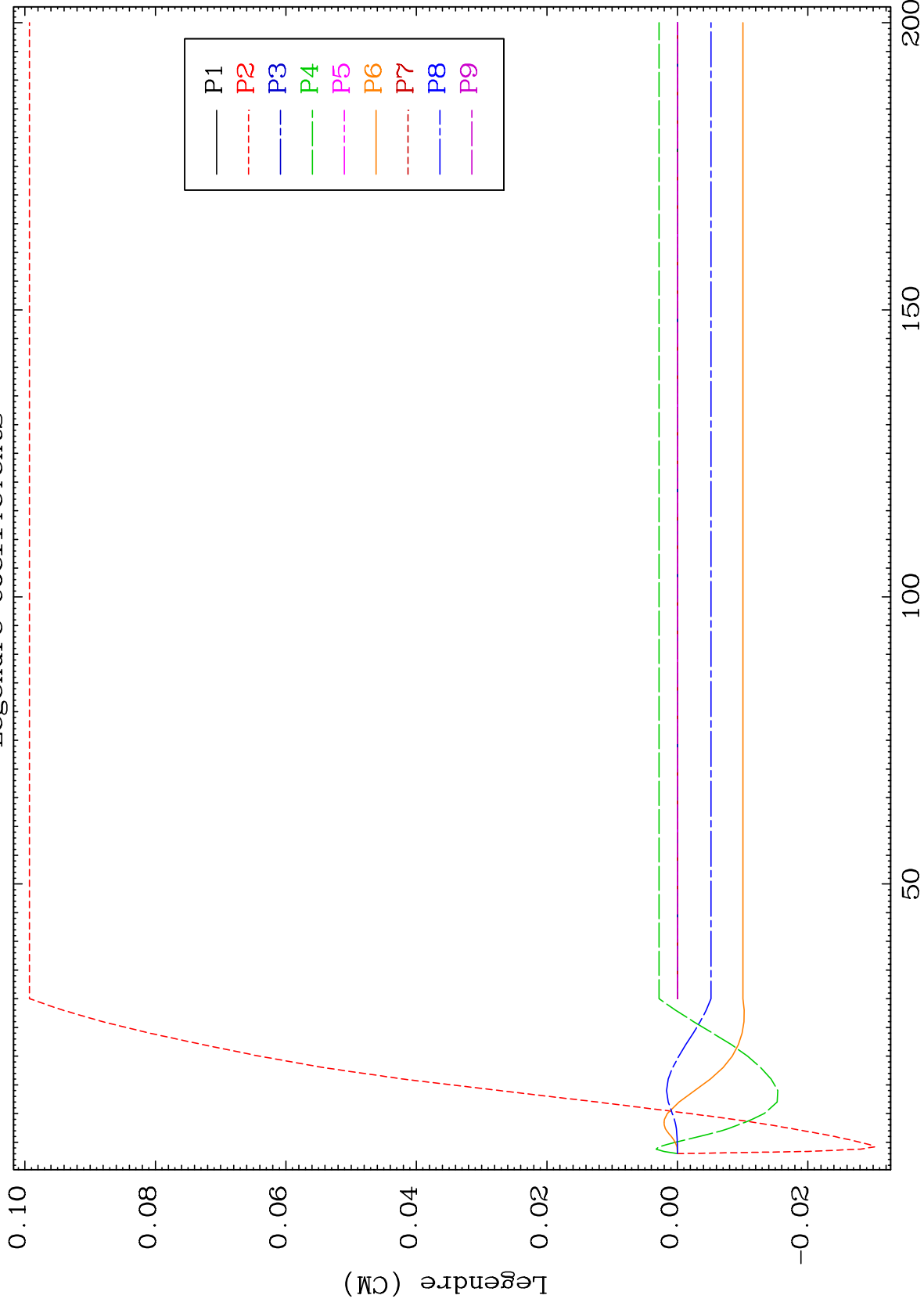
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



47

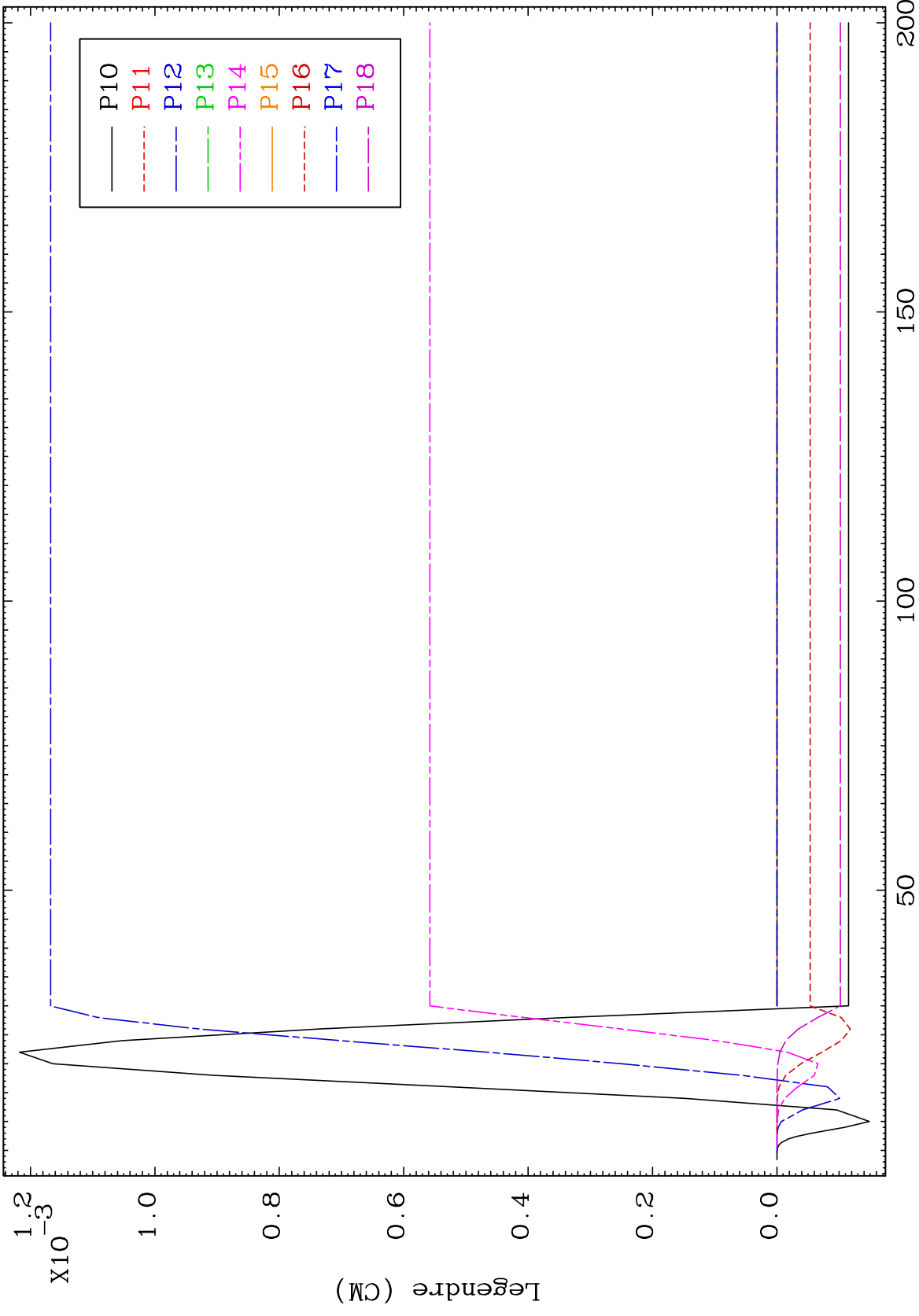
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



48

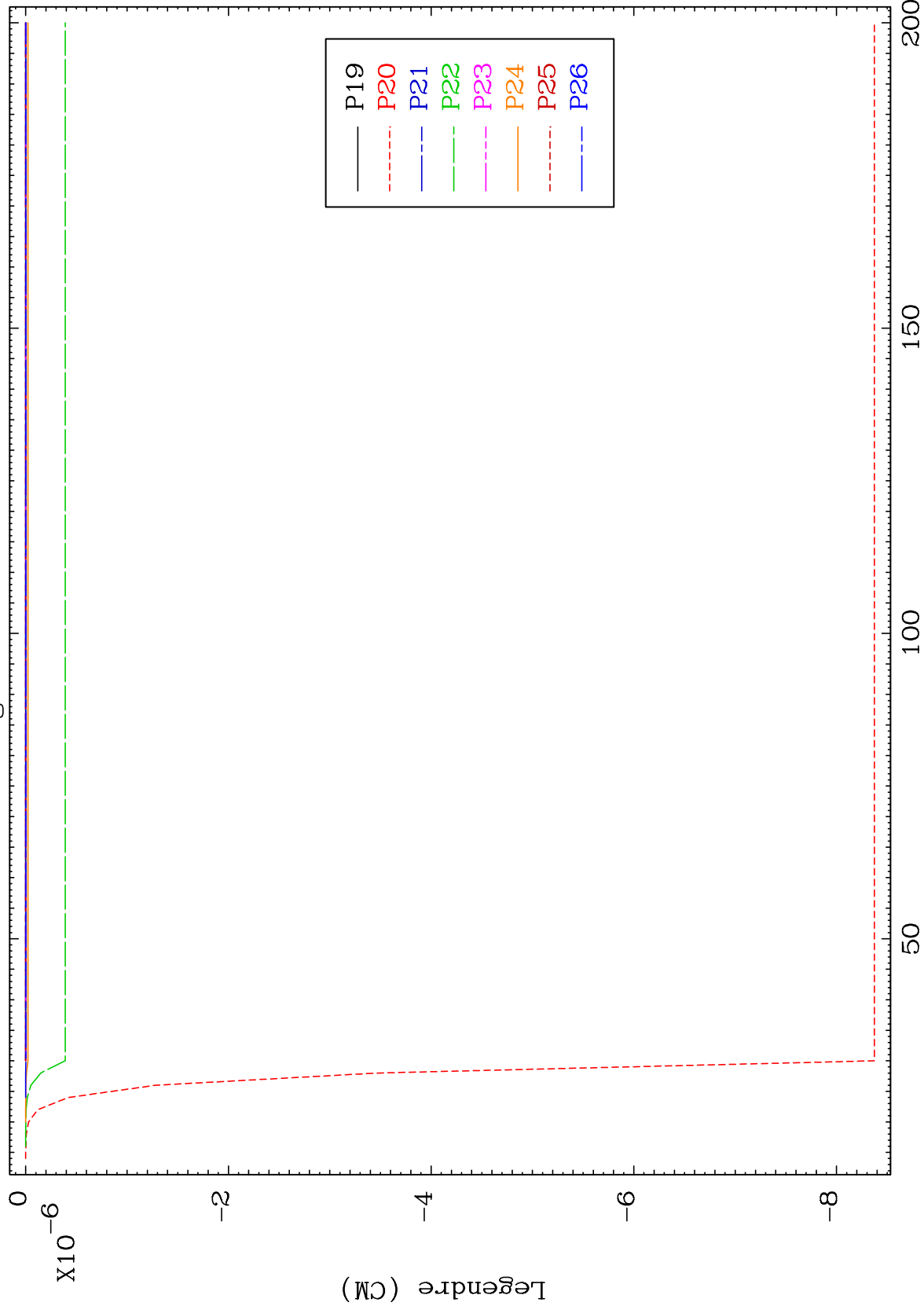
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

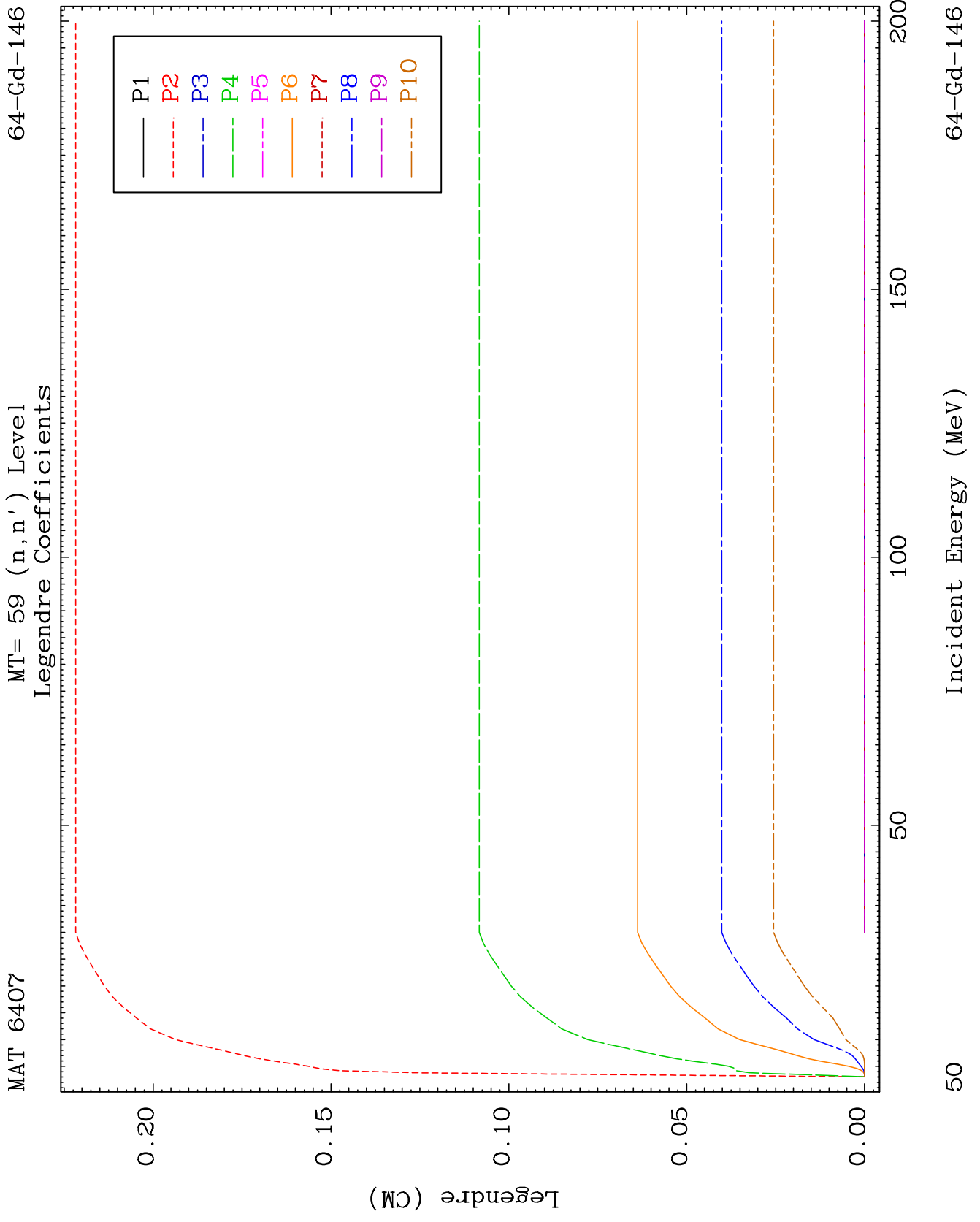
64-Gd-146



64-Gd-146

Incident Energy (MeV)

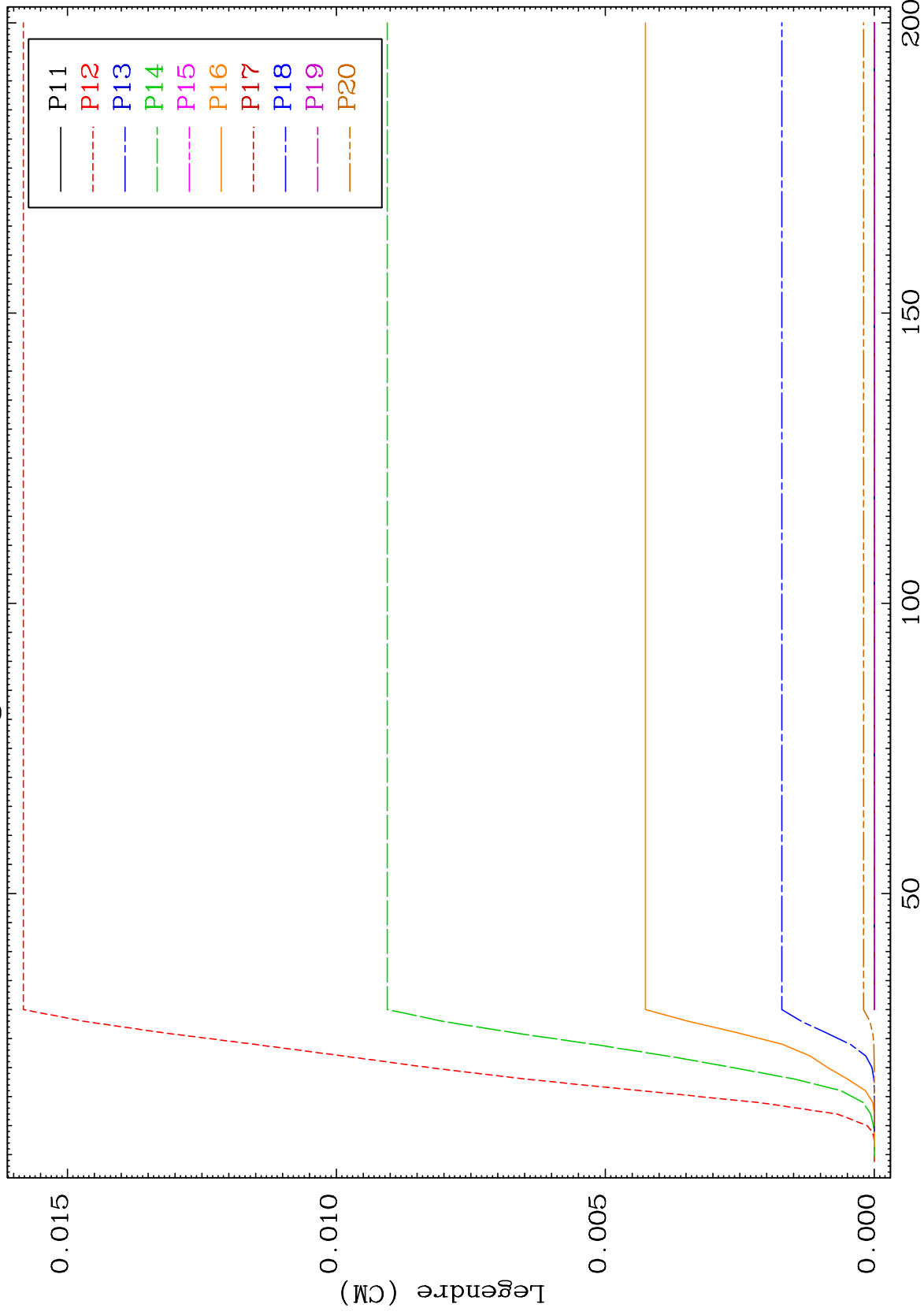
49



MAT 6407

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

64-Gd-146



51

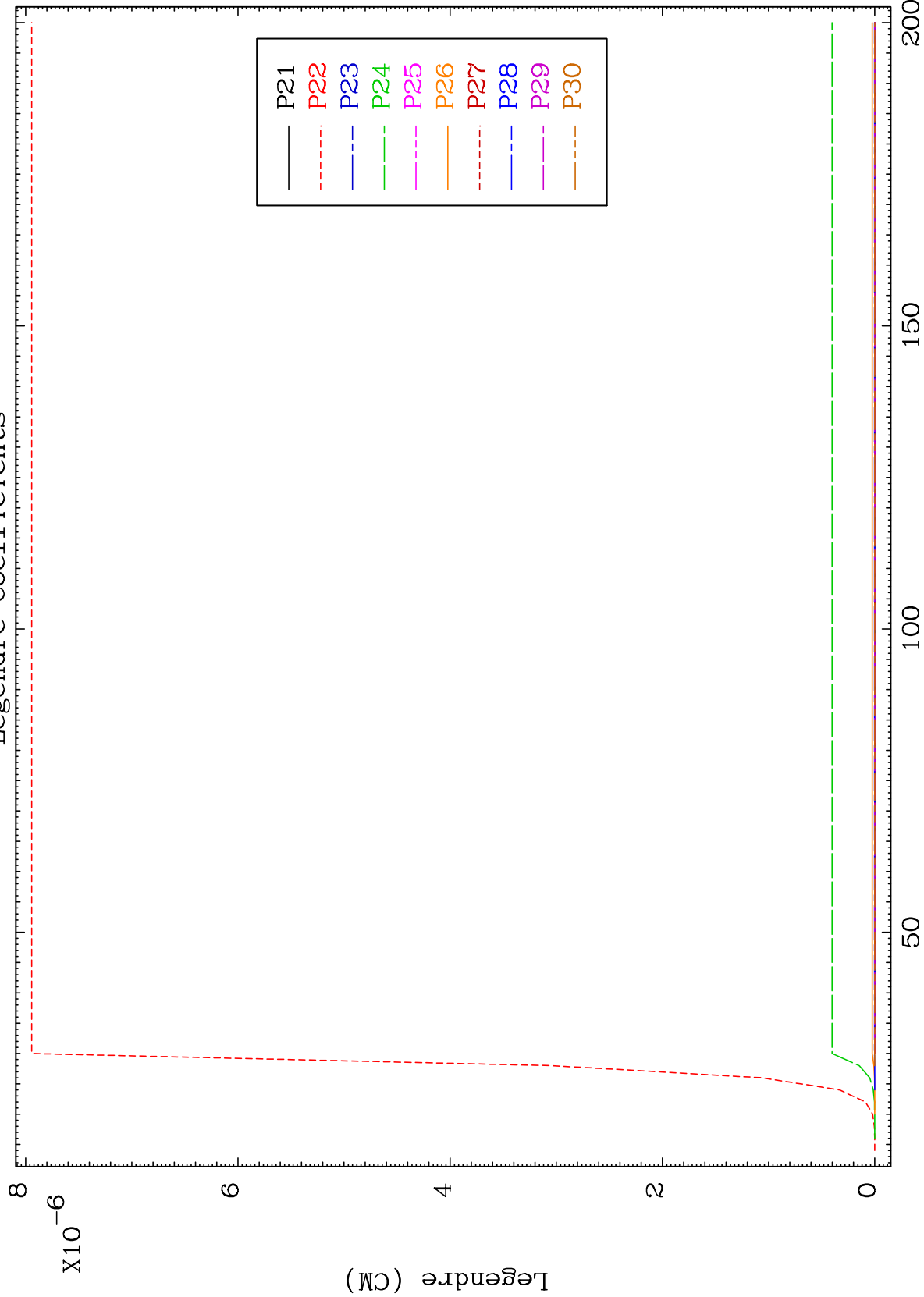
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



52

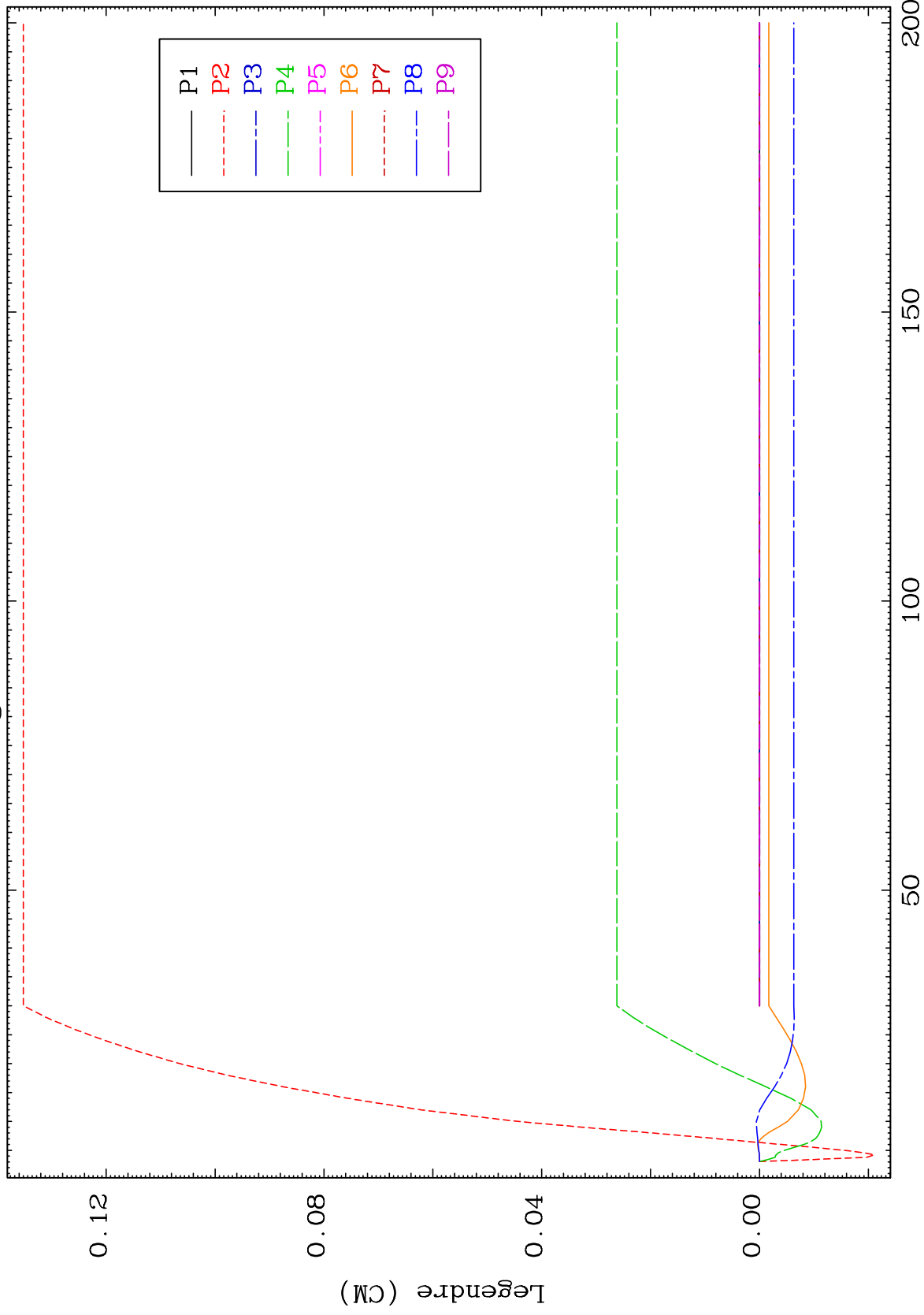
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



53

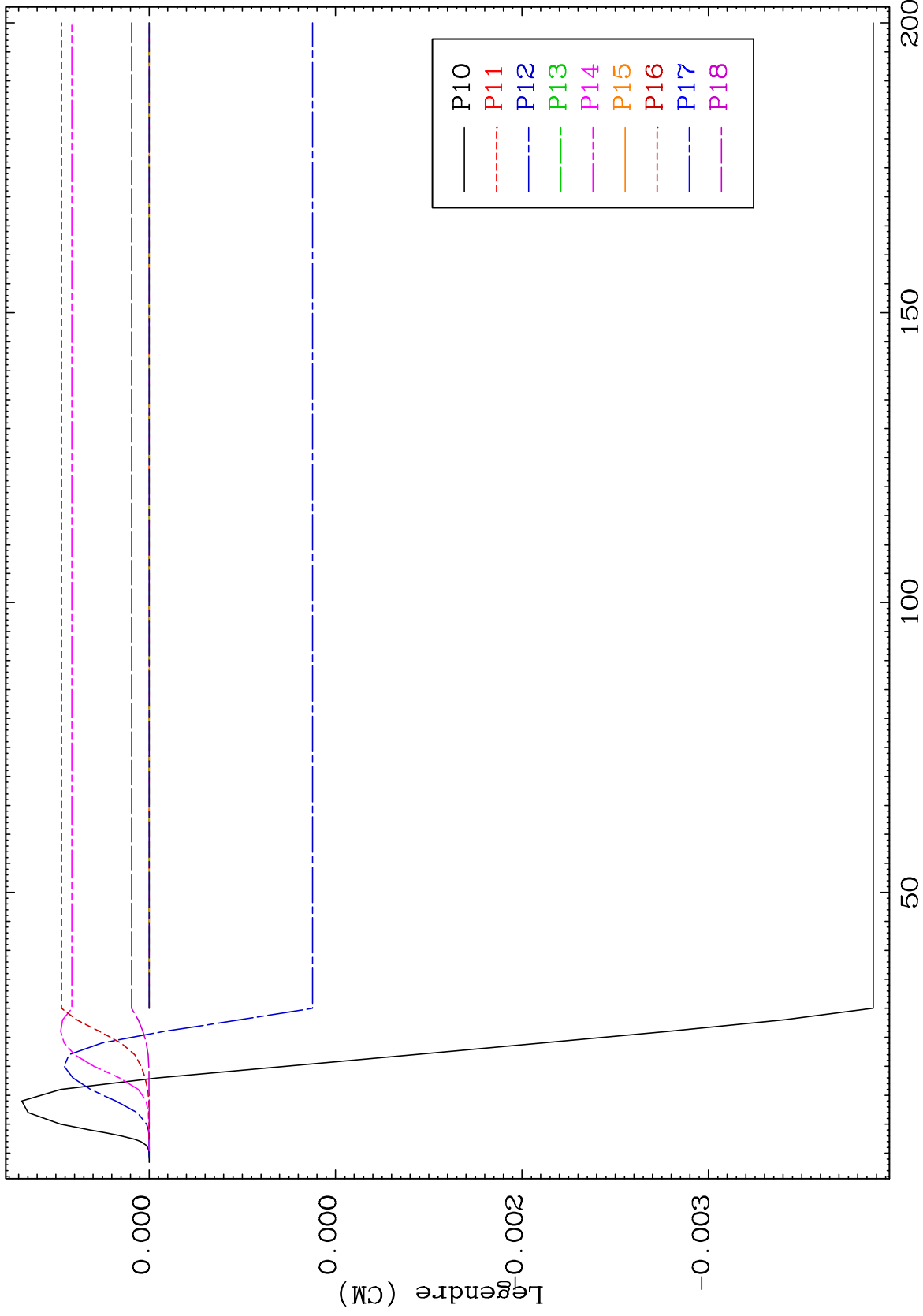
Incident Energy (MeV)

64-Gd-146

MAT 6407

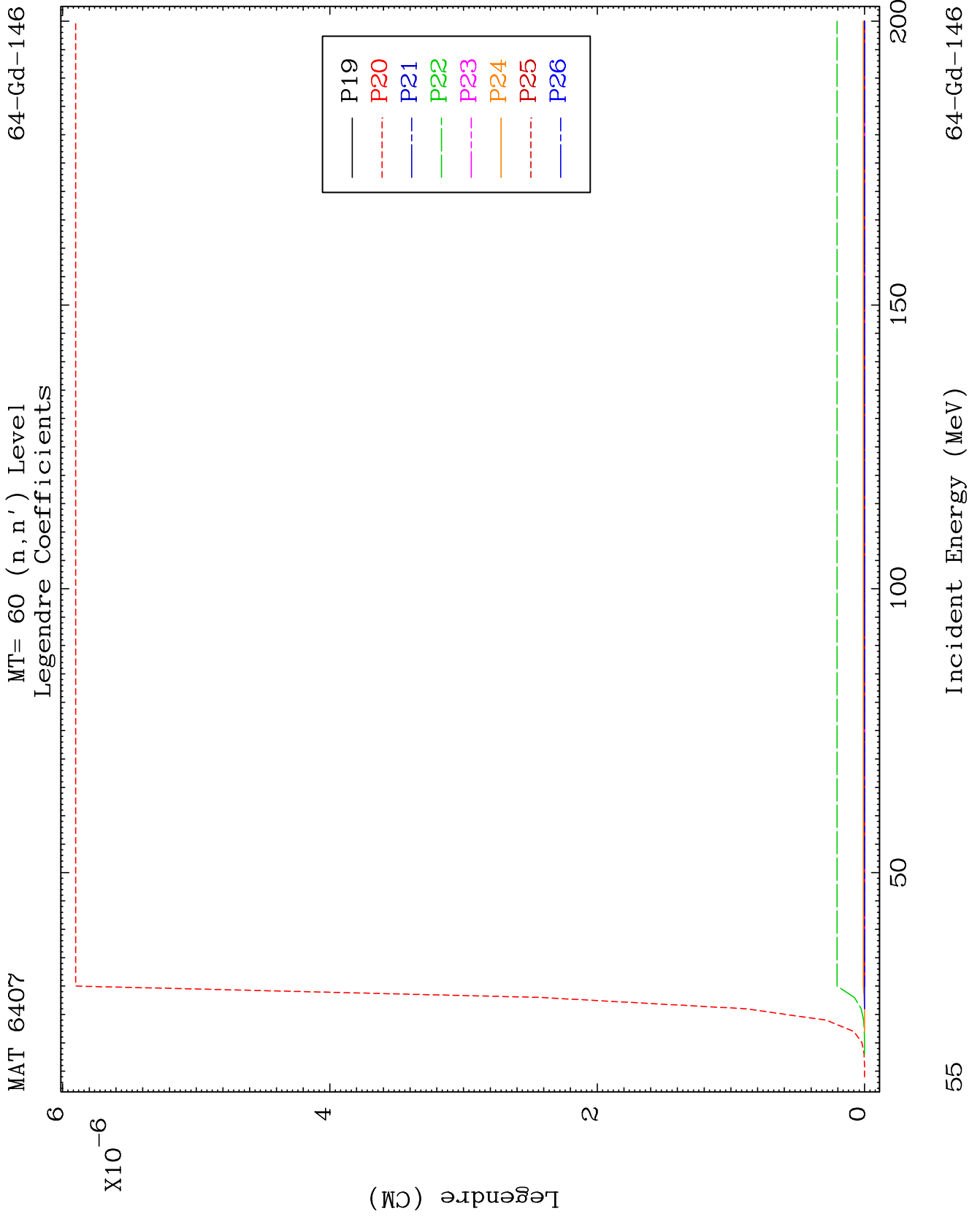
MT= 60 (n,n') Level
Legendre Coefficients

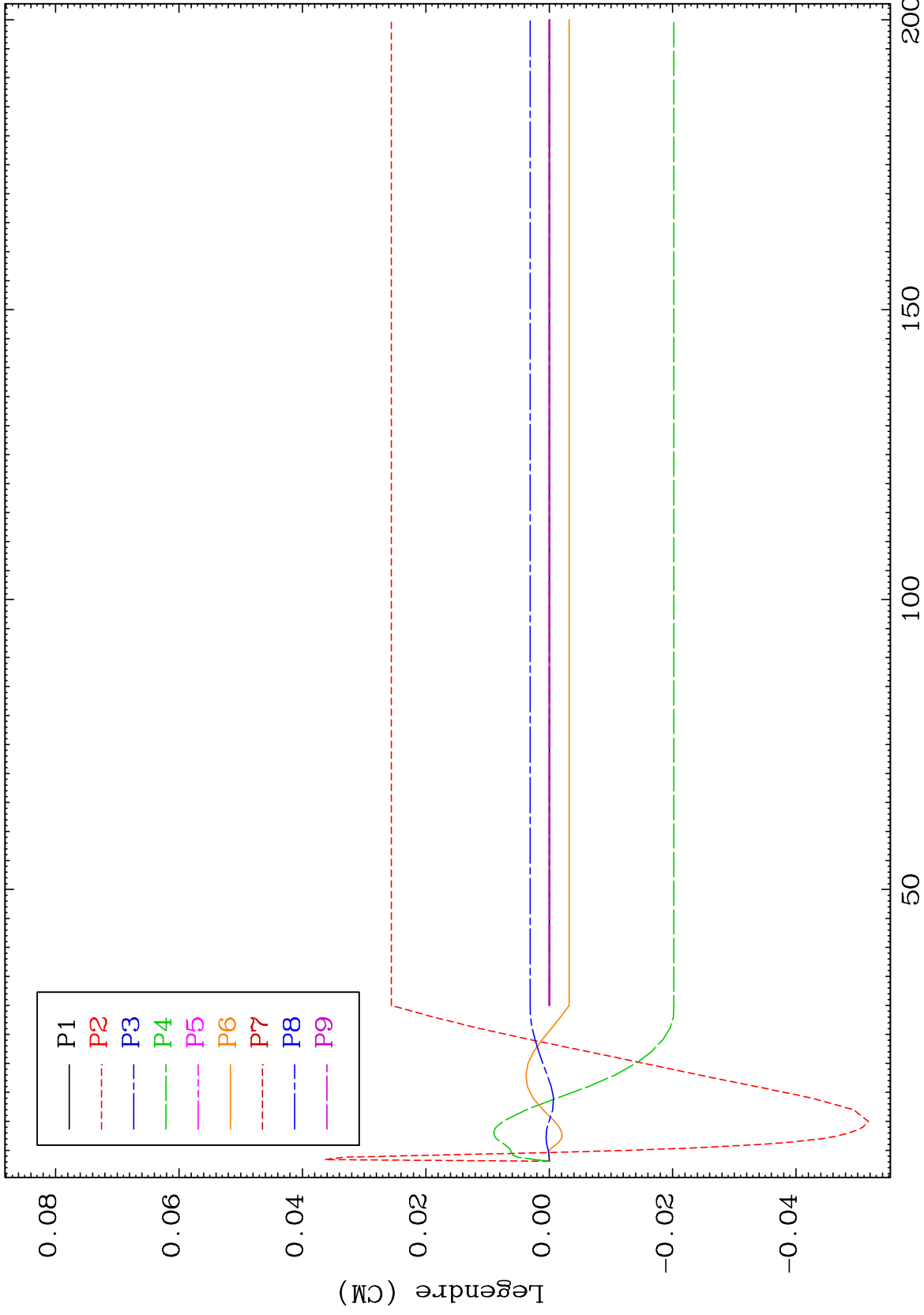
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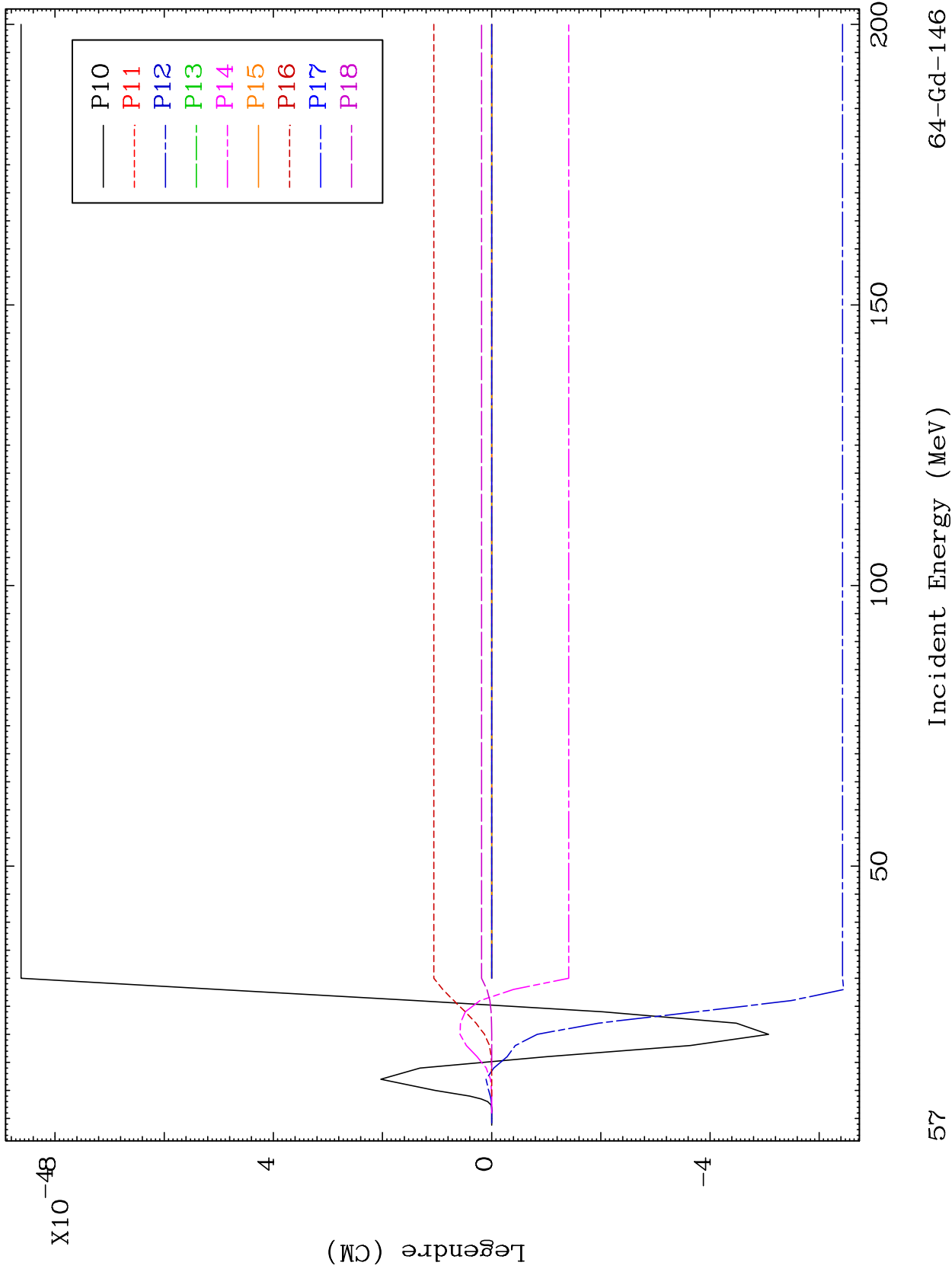


54

64-Gd-146



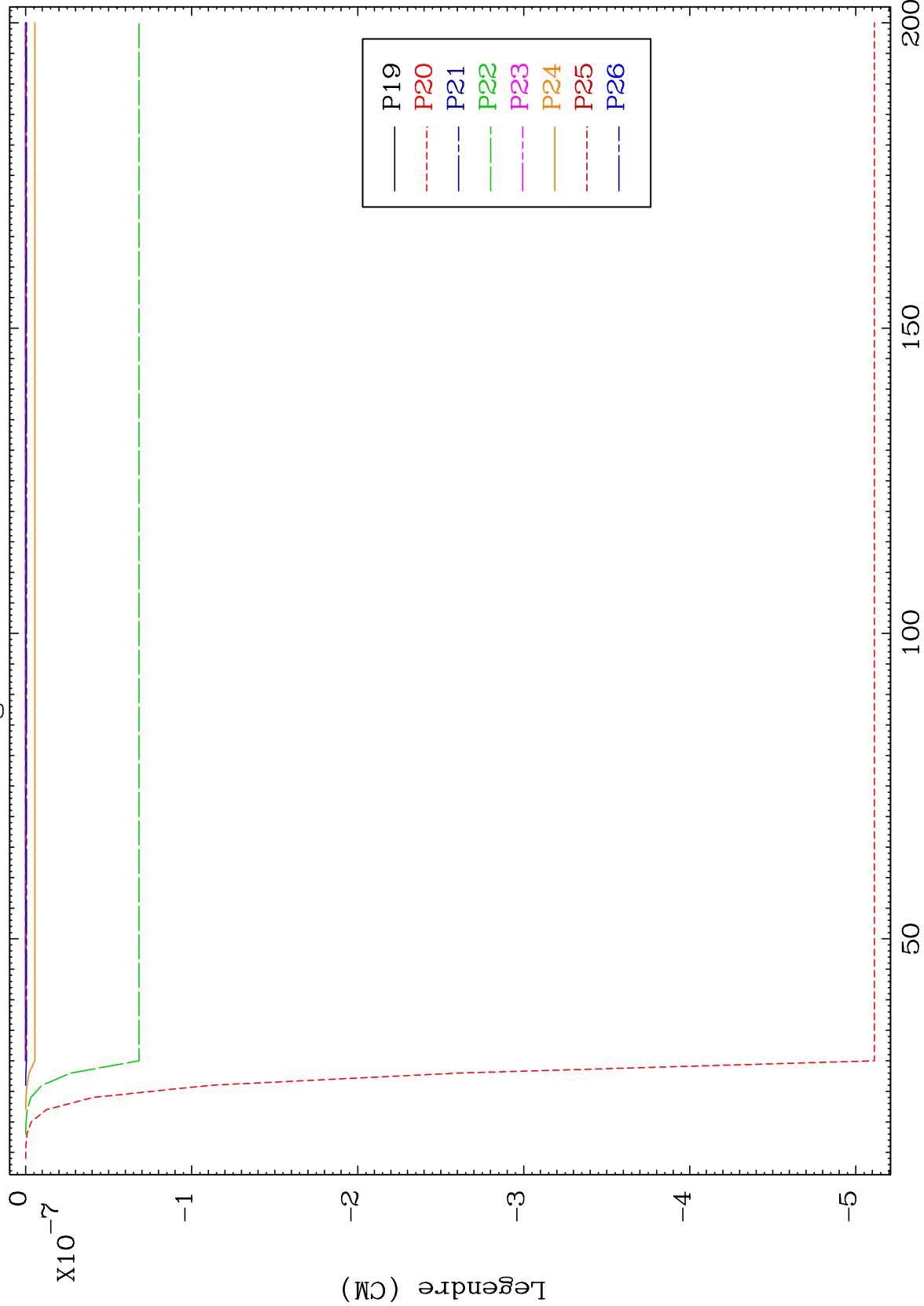




MAT 6407

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

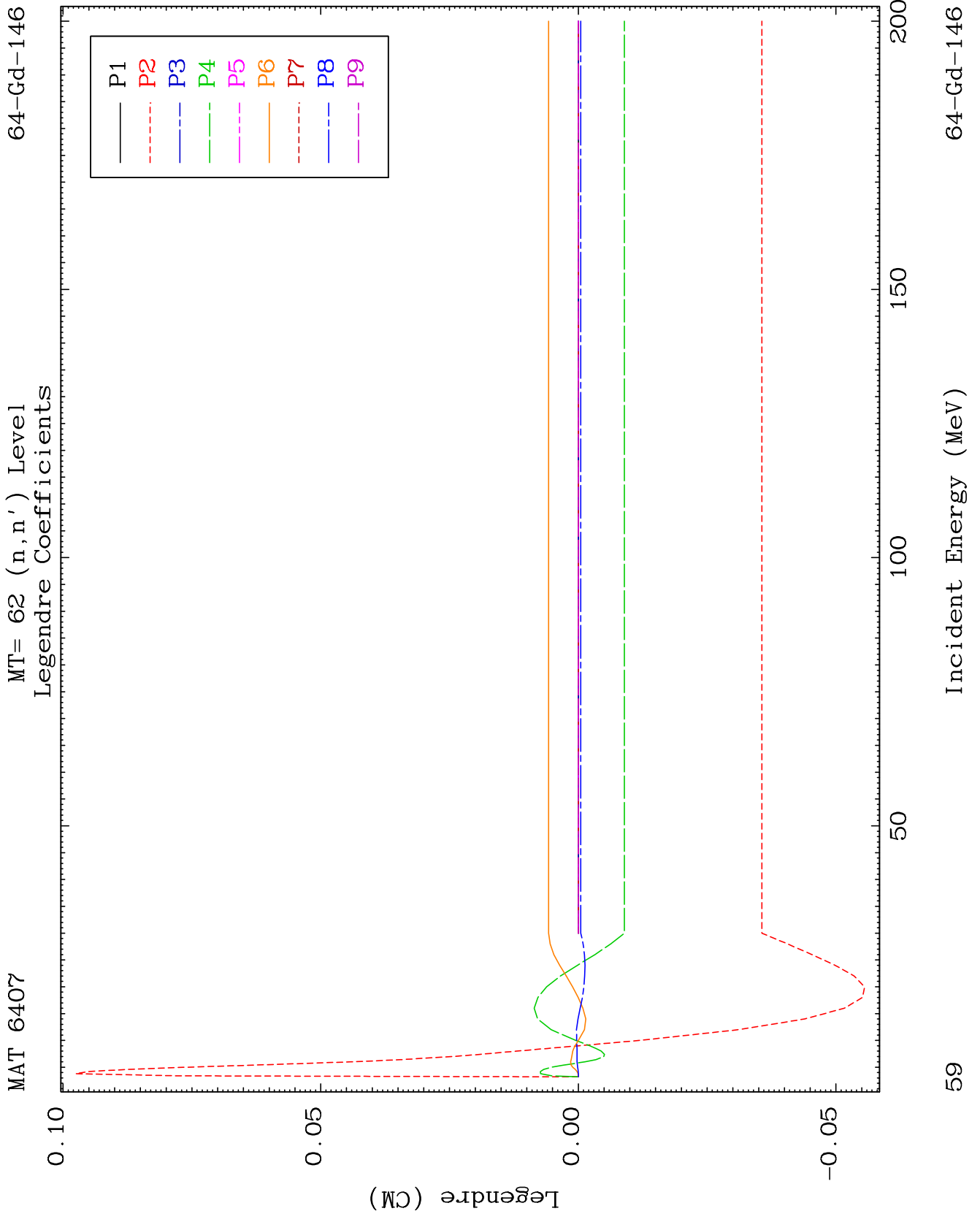
64-Gd-146



64-Gd-146

Incident Energy (MeV)

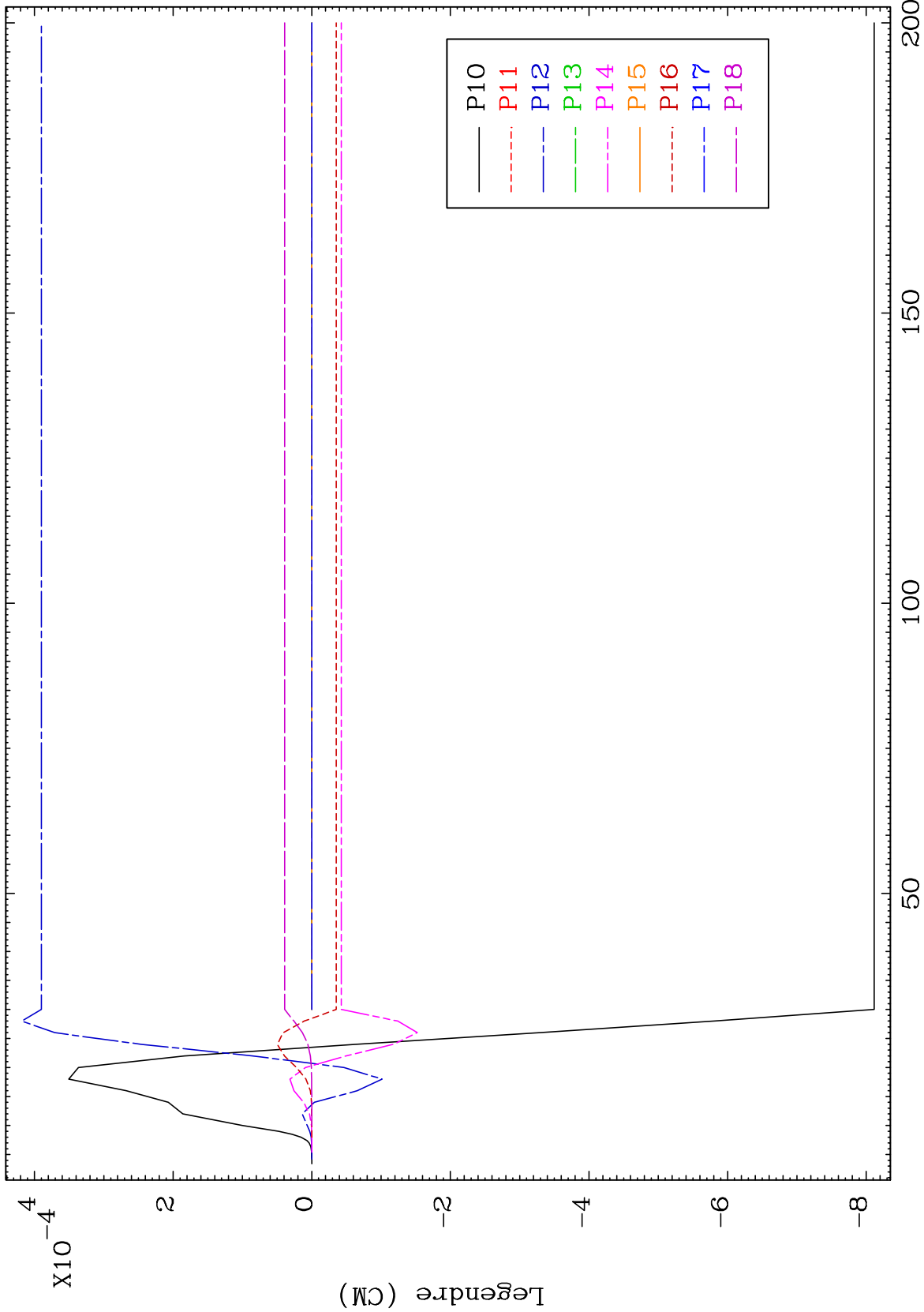
58



MAT 6407

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

64-Gd-146



60

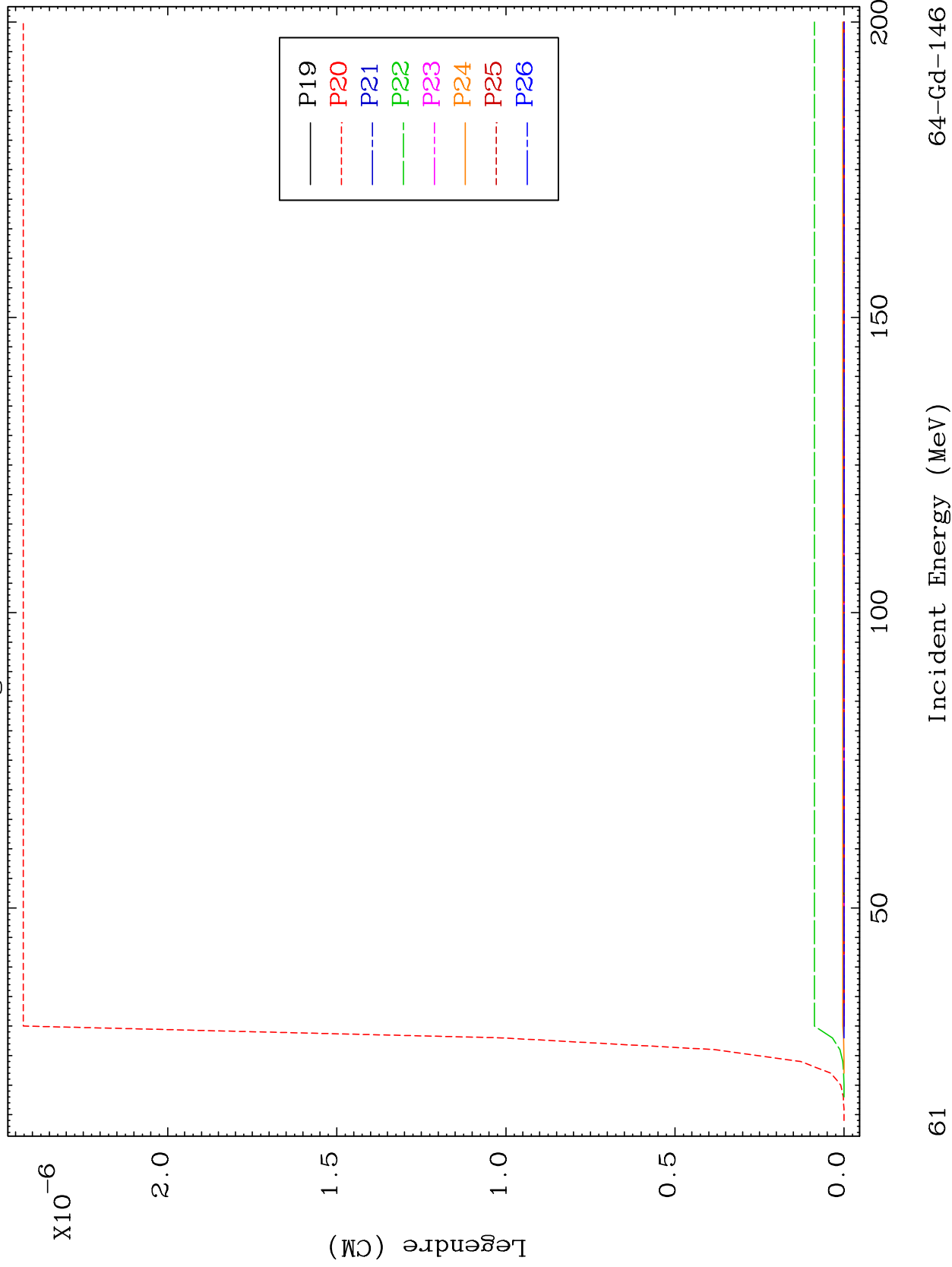
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

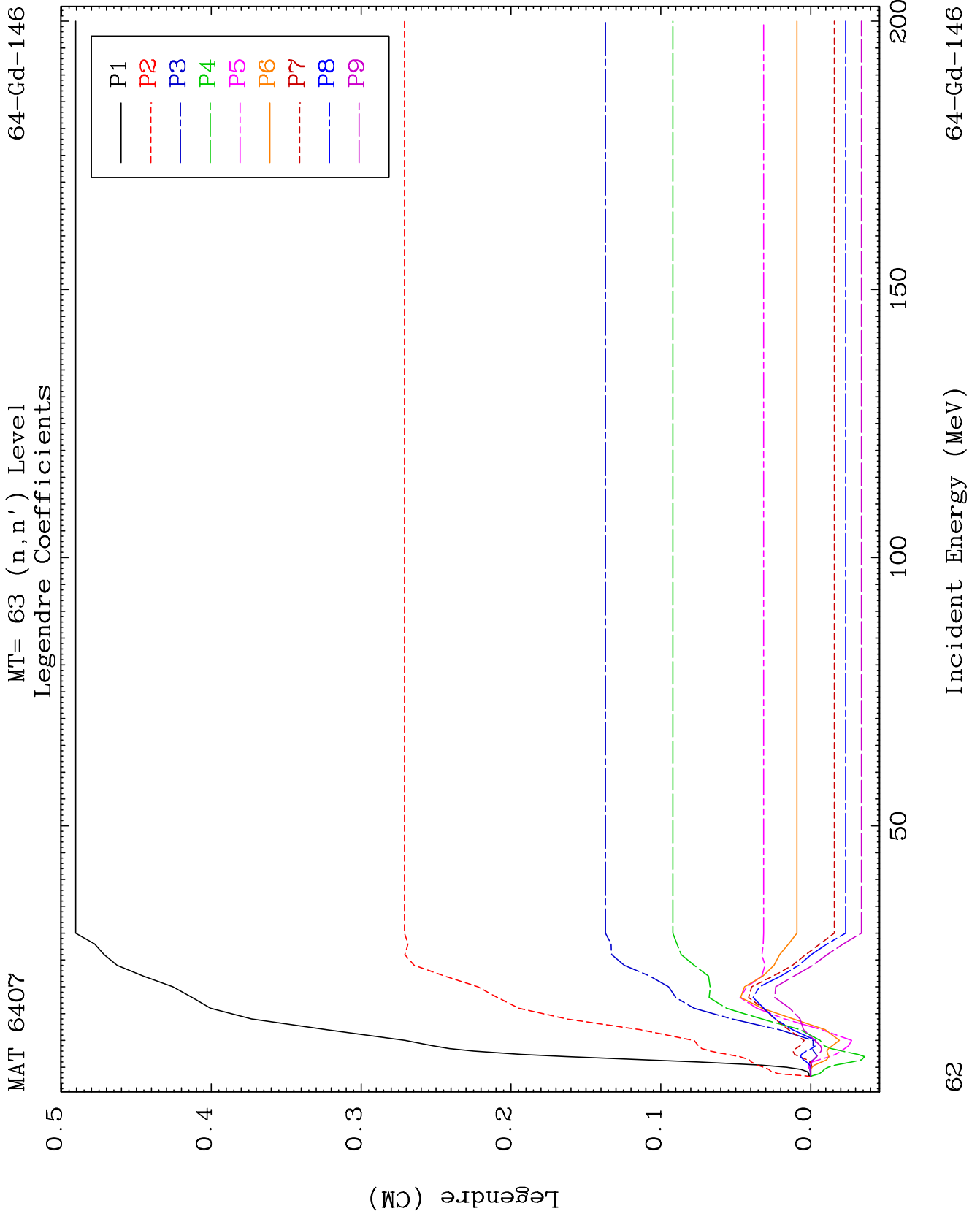
64-Gd-146



61

Incident Energy (MeV)

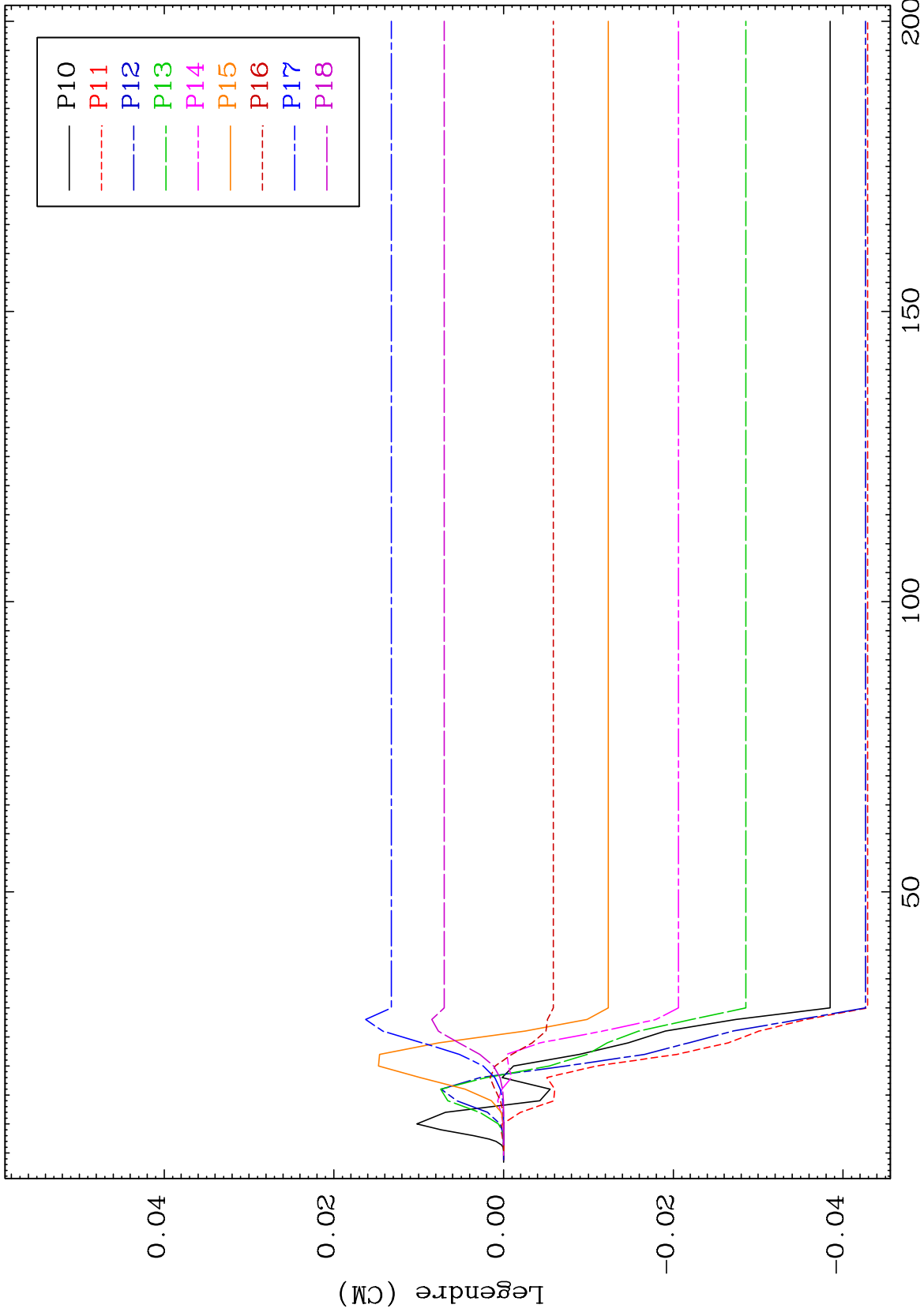
64-Gd-146



MAT 6407

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

64-Gd-146



63

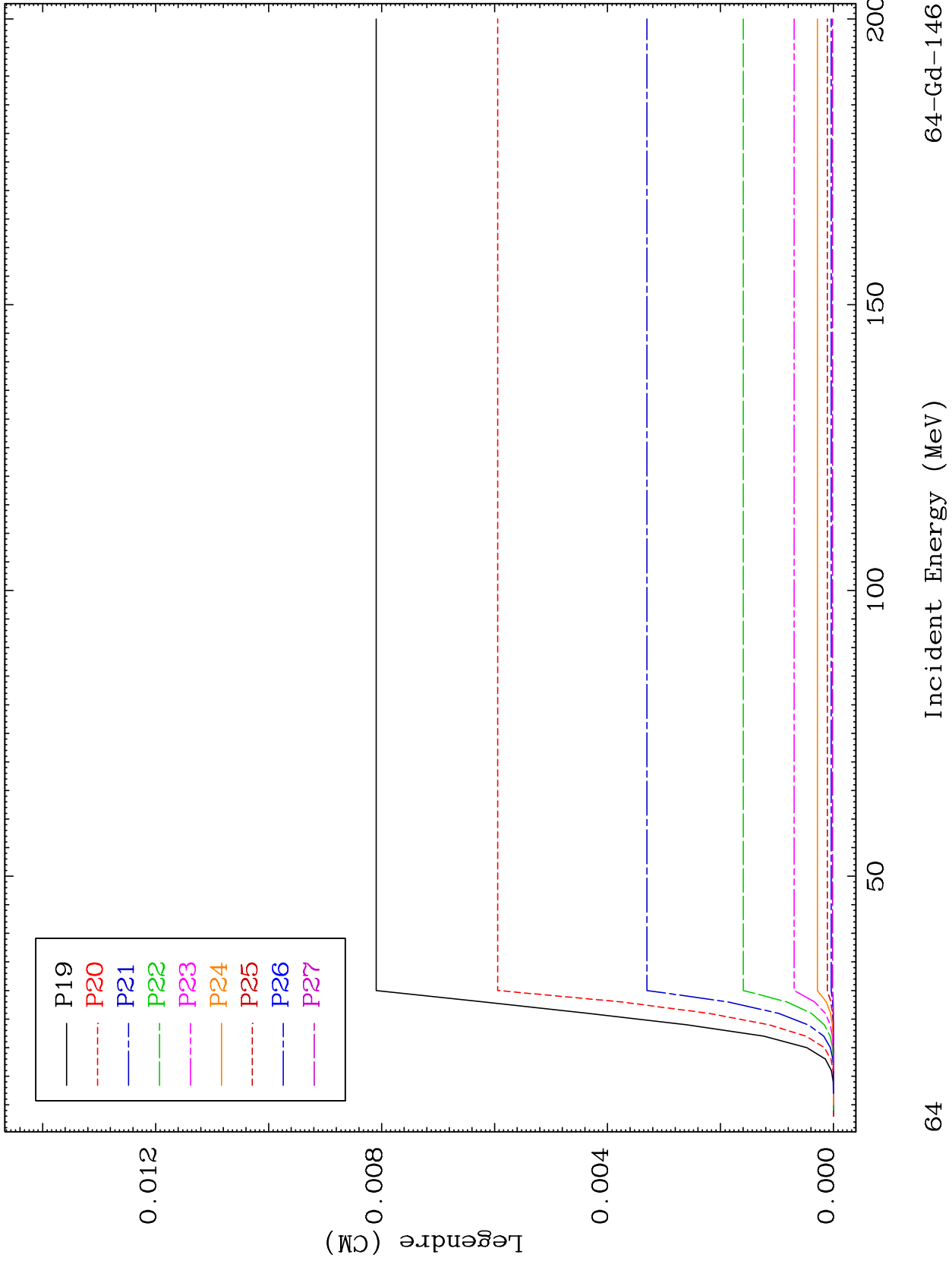
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



64

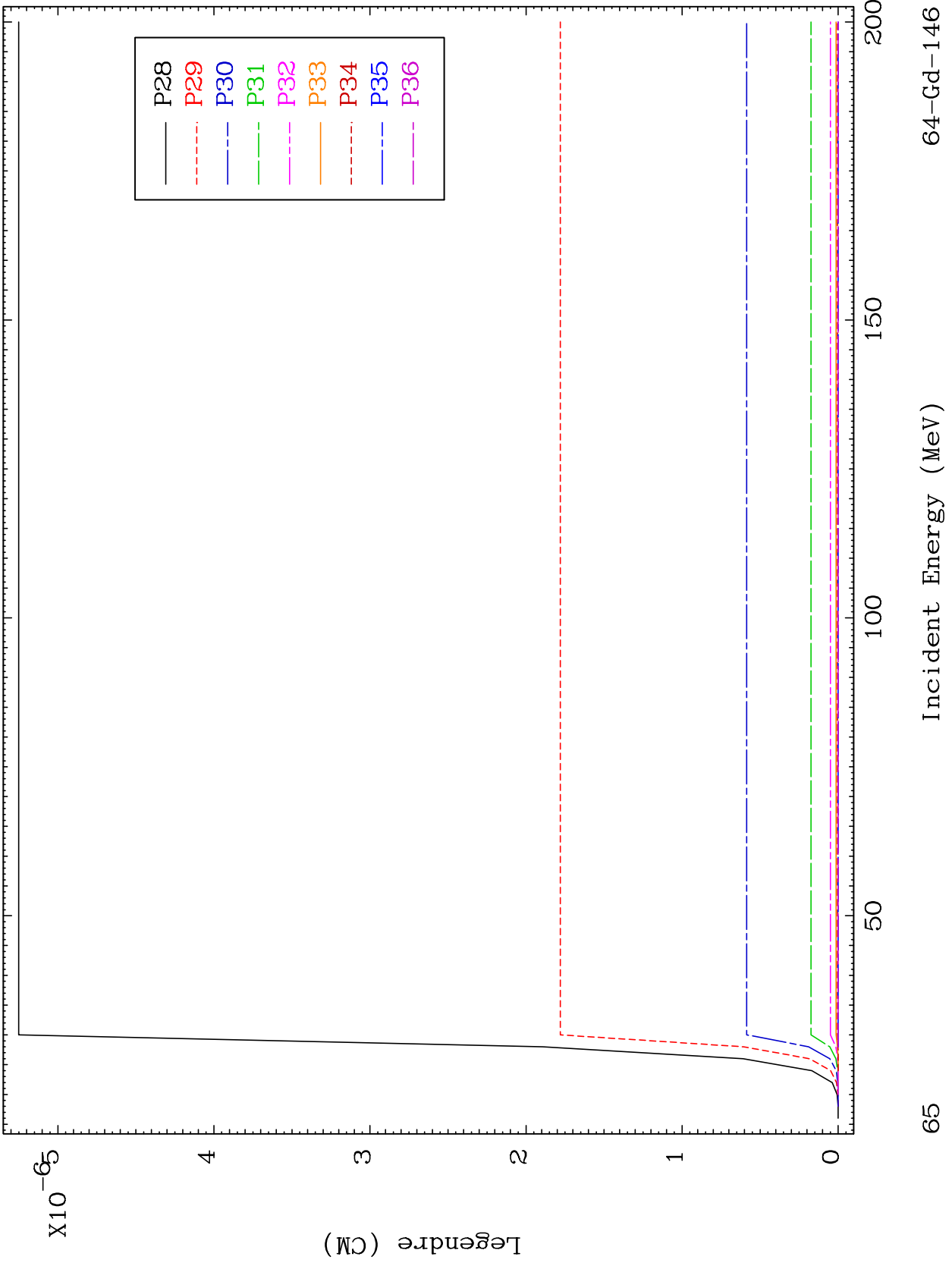
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

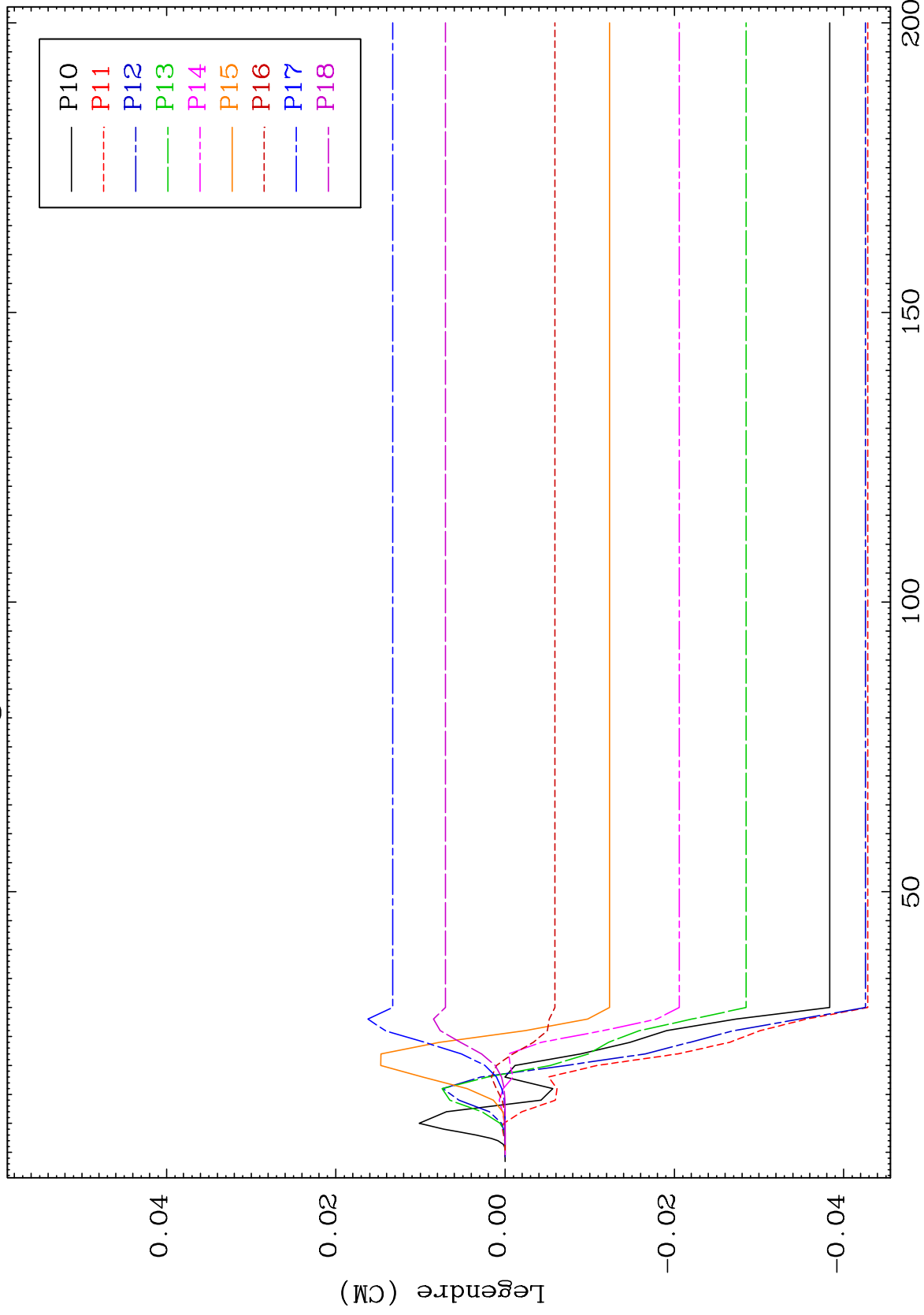
64-Gd-146



MAT 6407

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

64-Gd-146



67

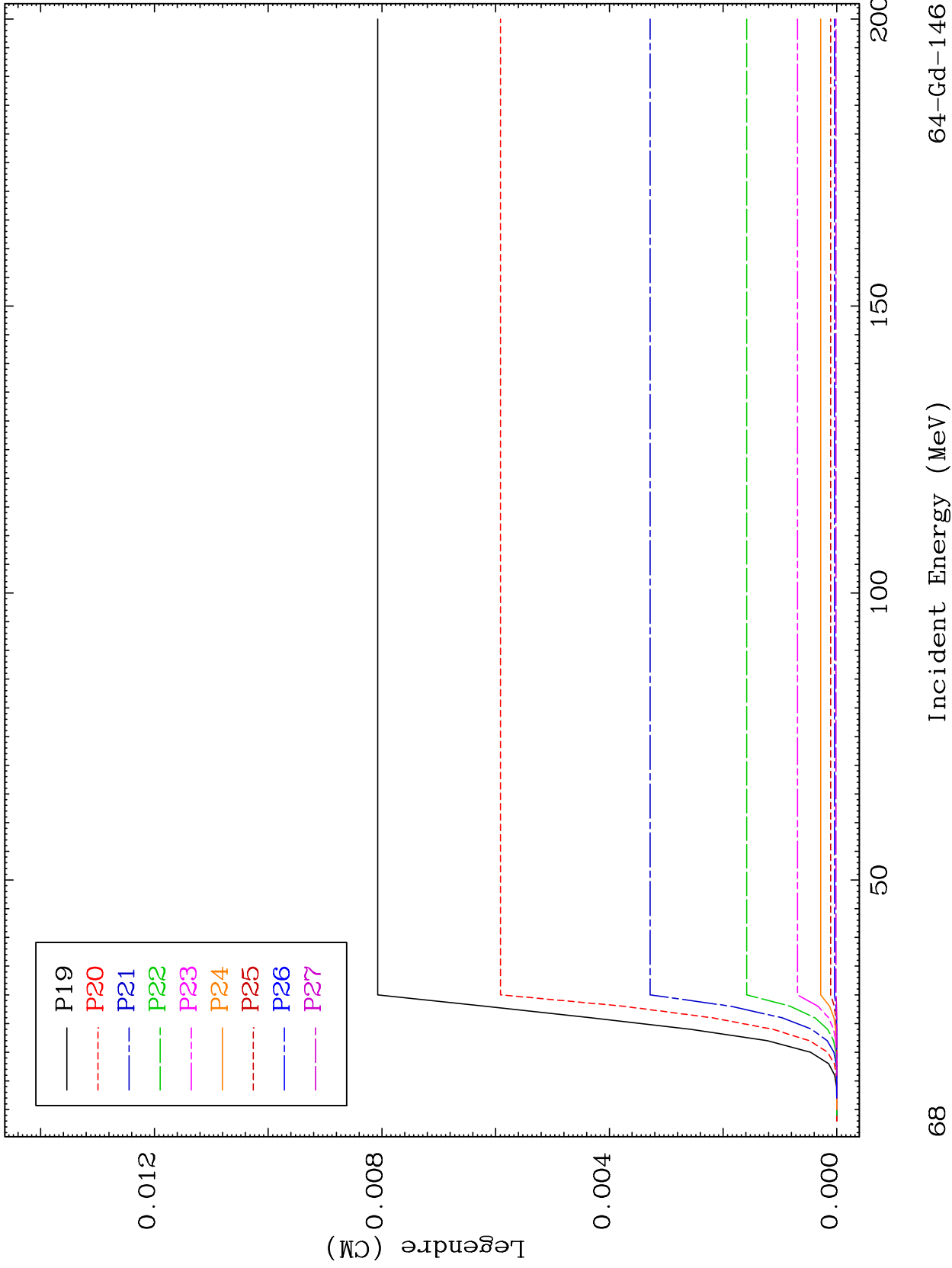
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



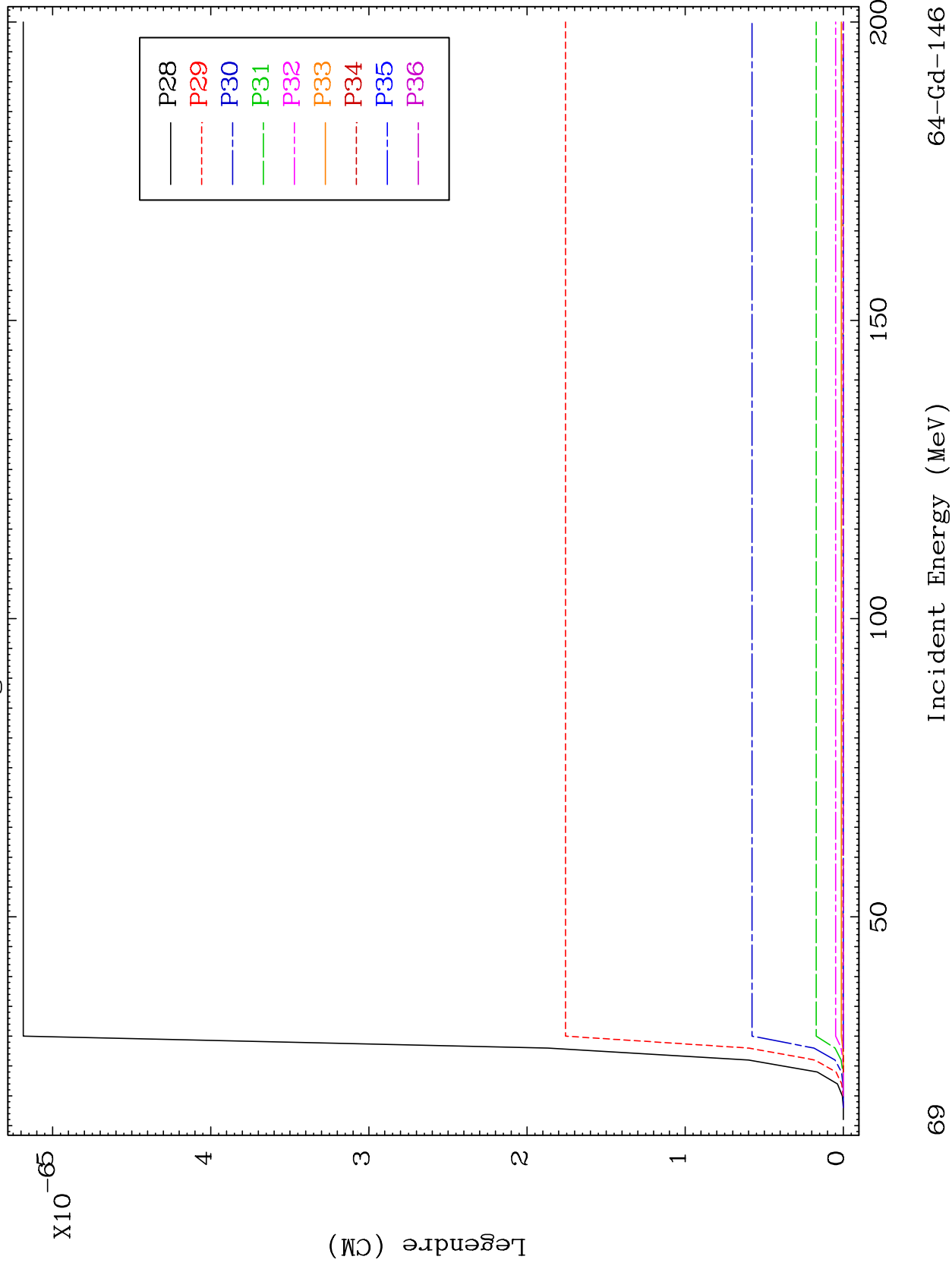
68

64-Gd-146

MAT 6407

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

64-Gd-146



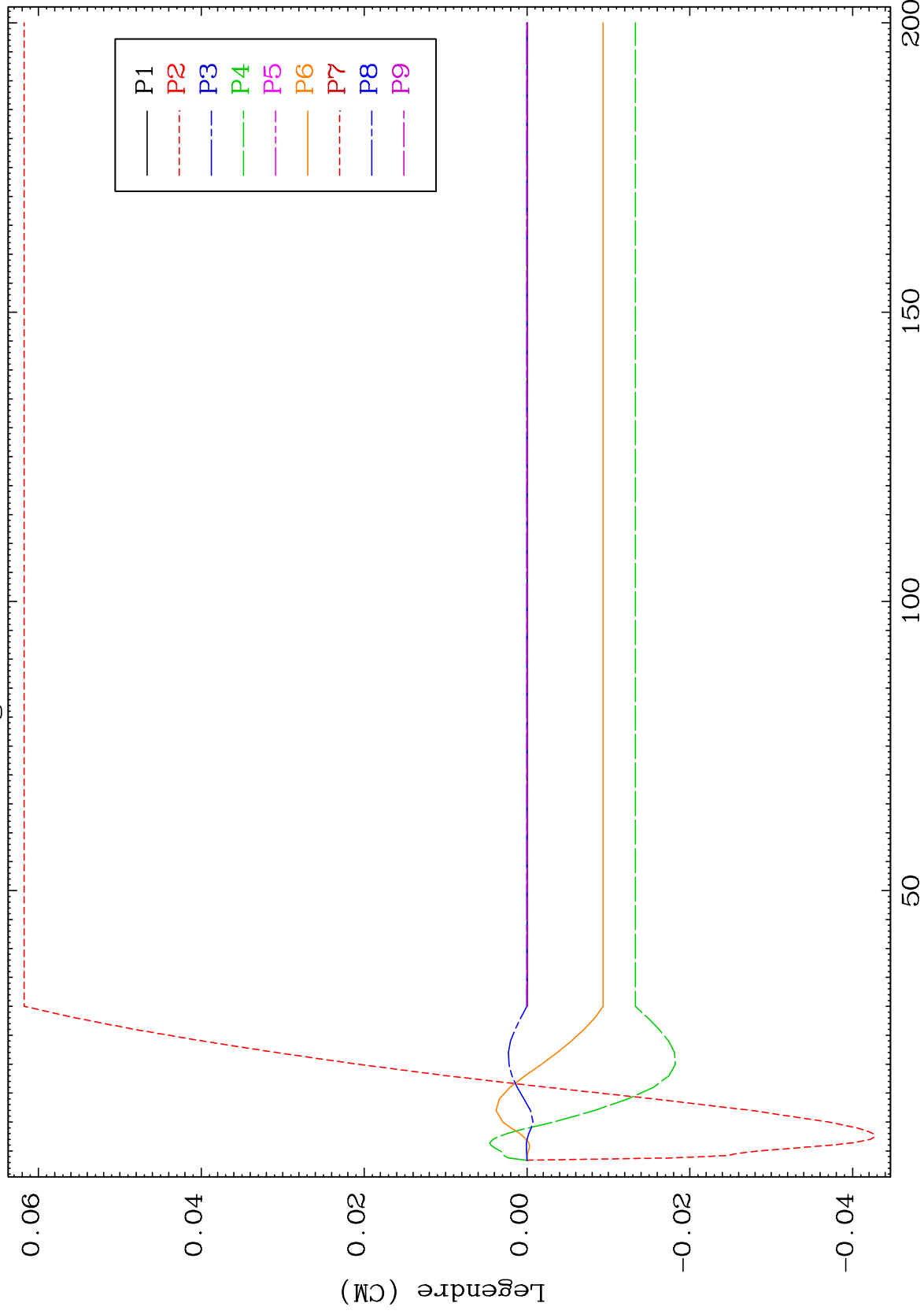
69

64-Gd-146

MAT 6407

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

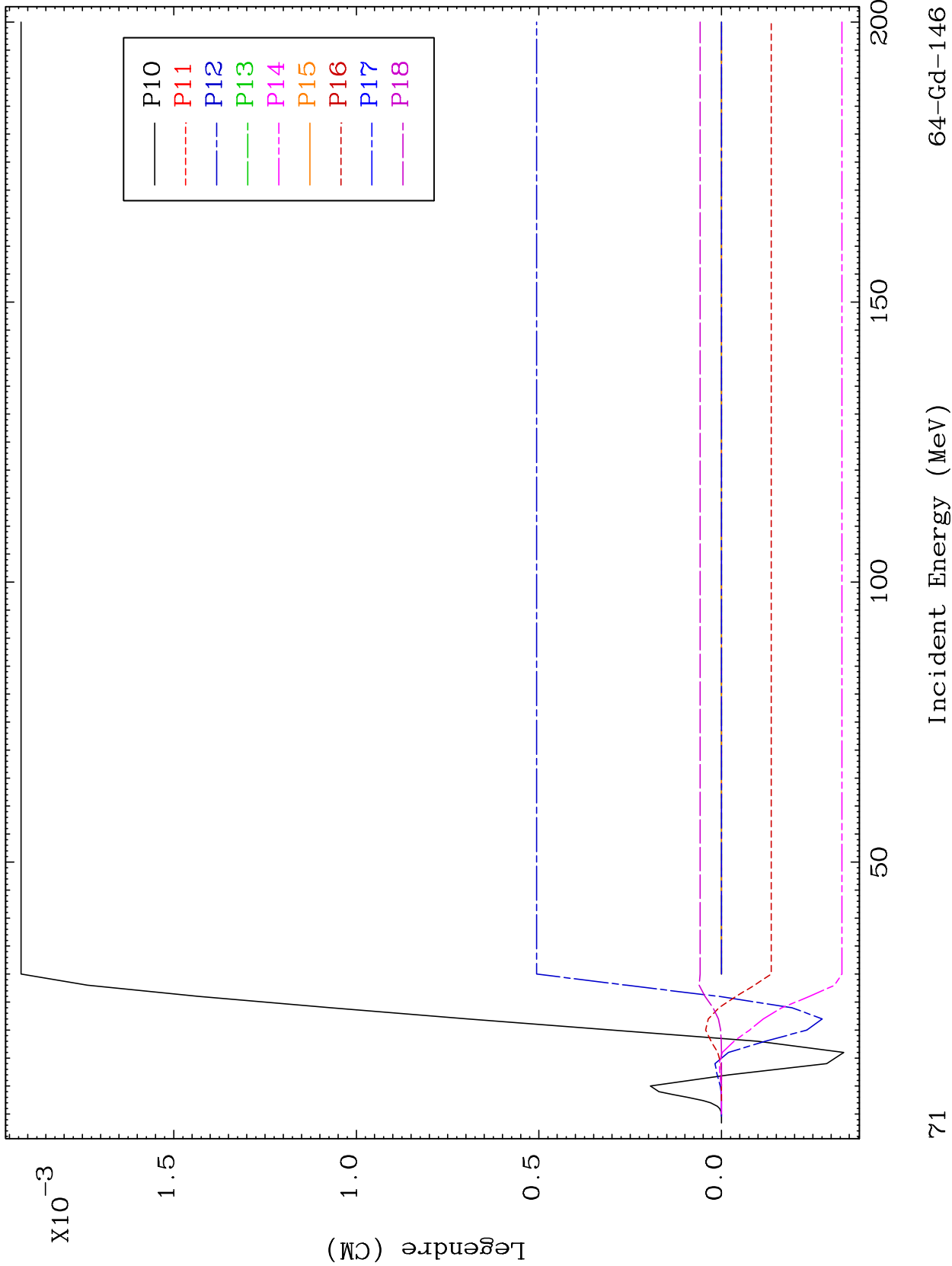
64-Gd-146



70

Incident Energy (MeV)

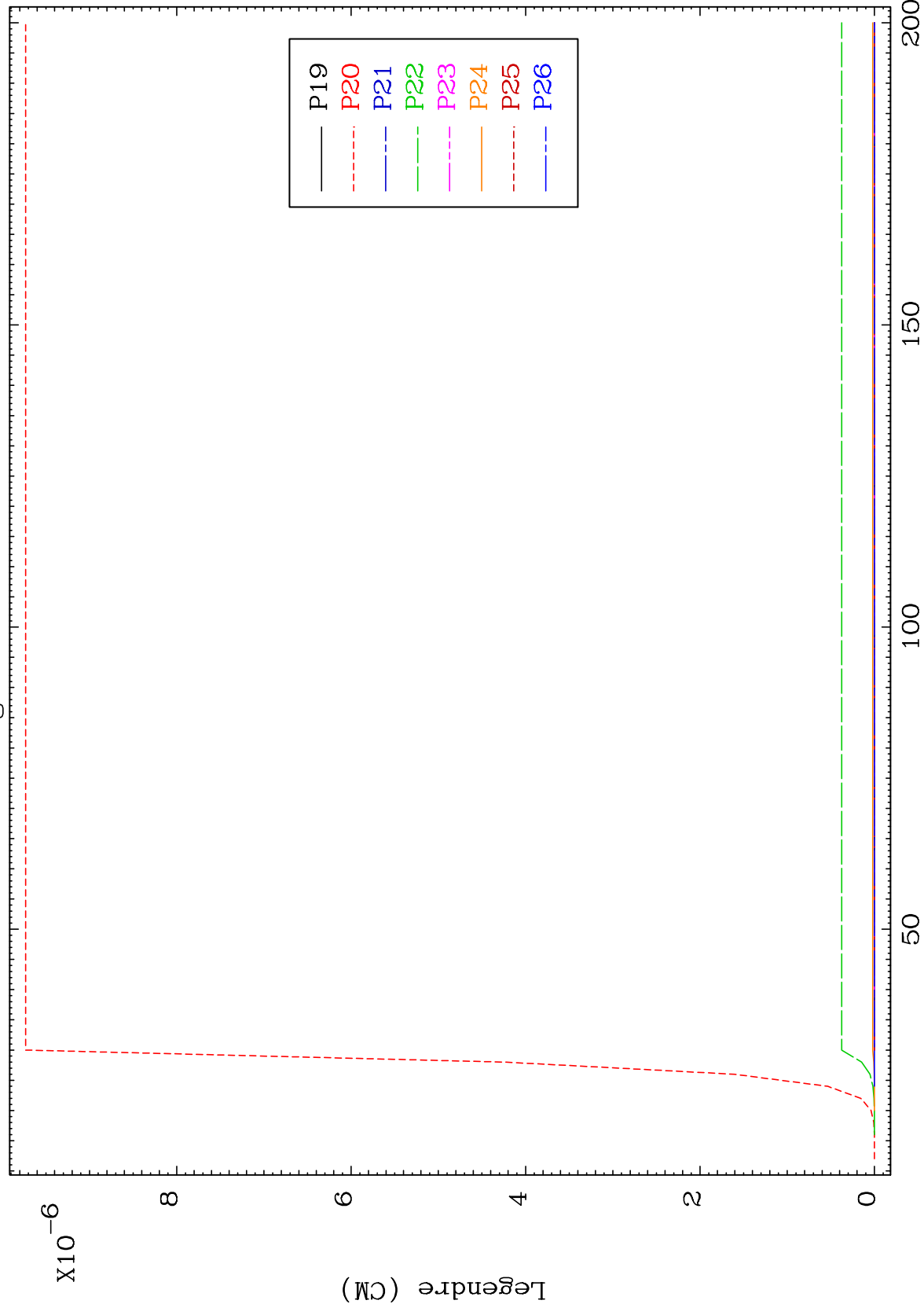
64-Gd-146



MAT 6407

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

64-Gd-146



72

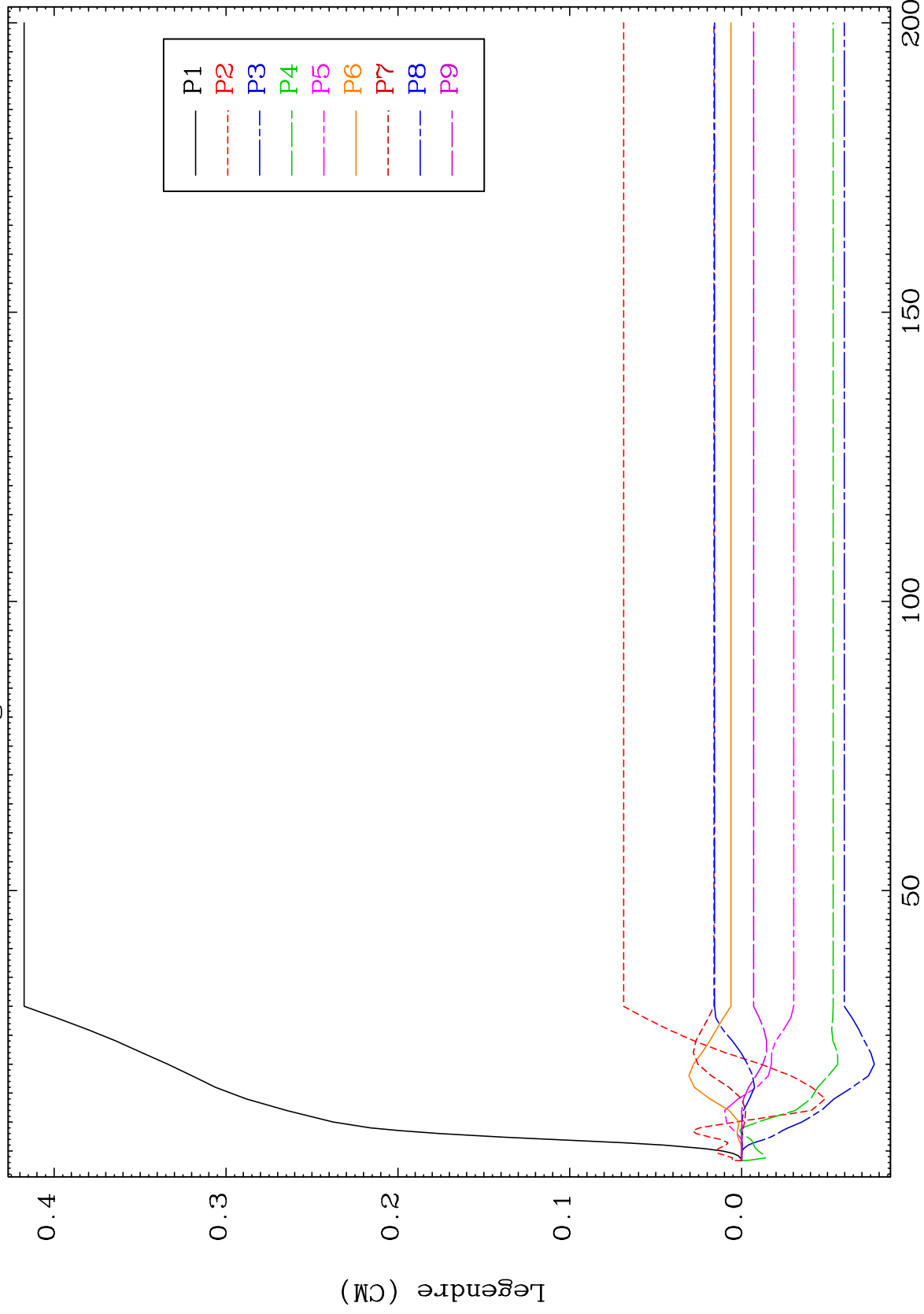
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



73

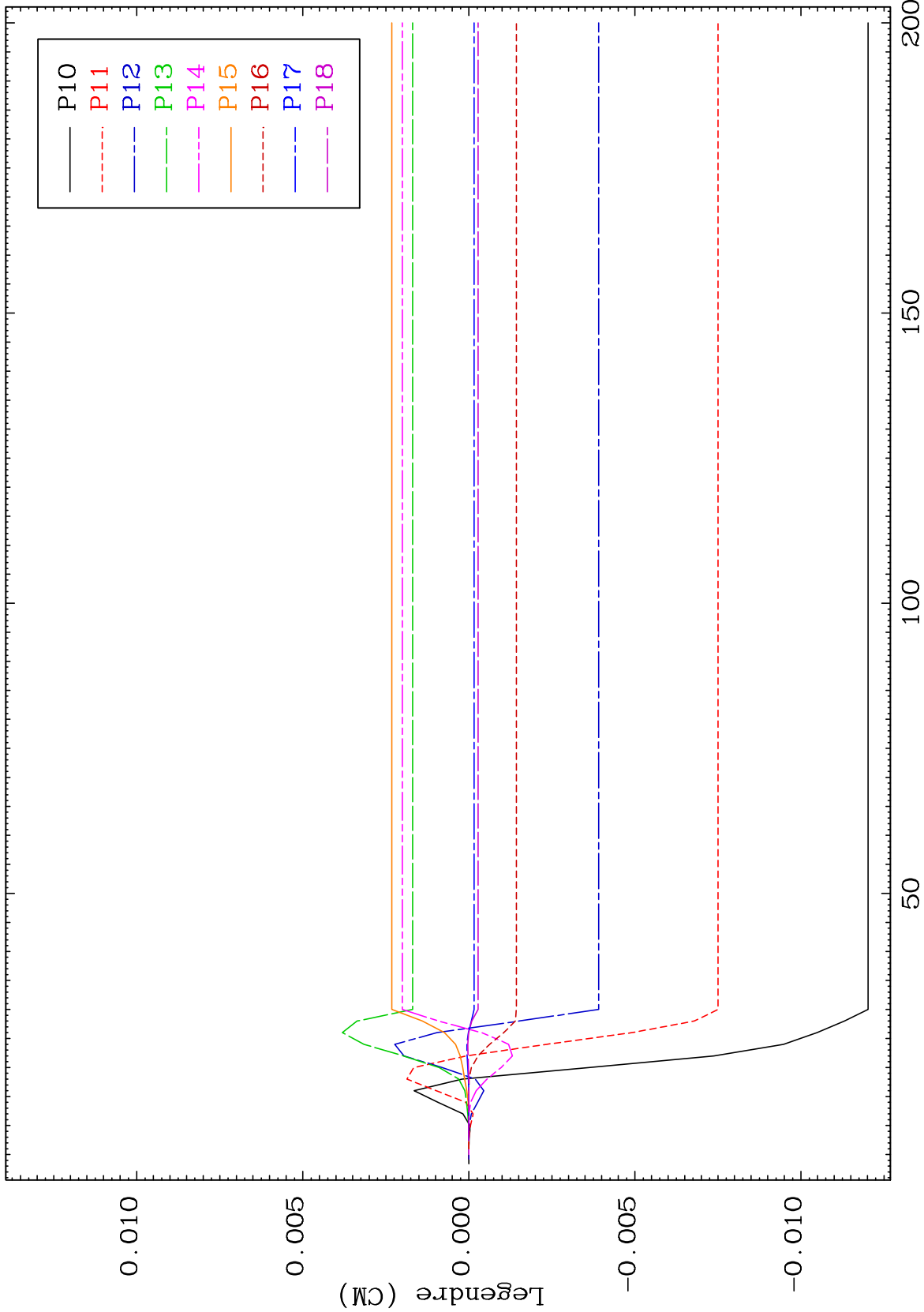
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



74

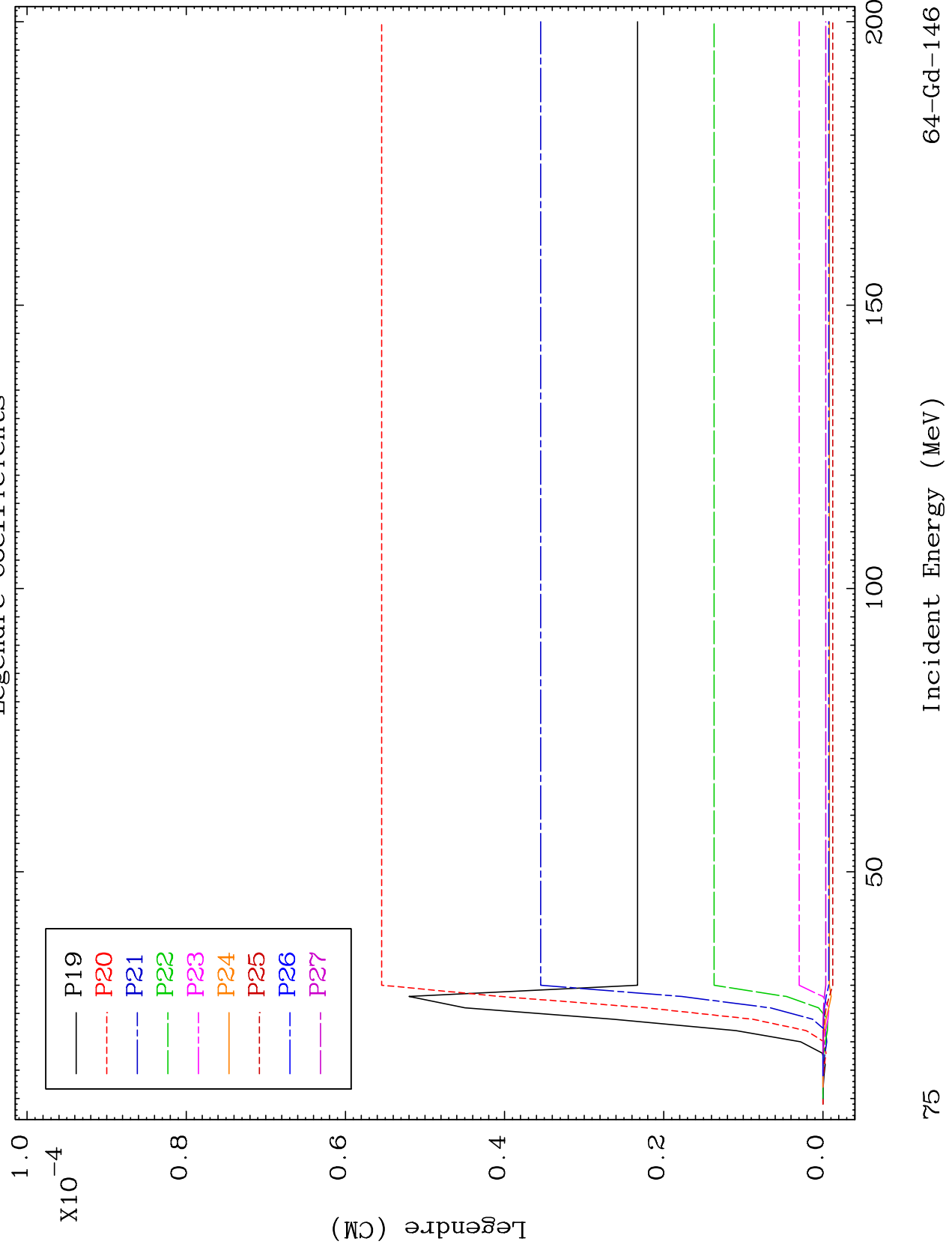
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

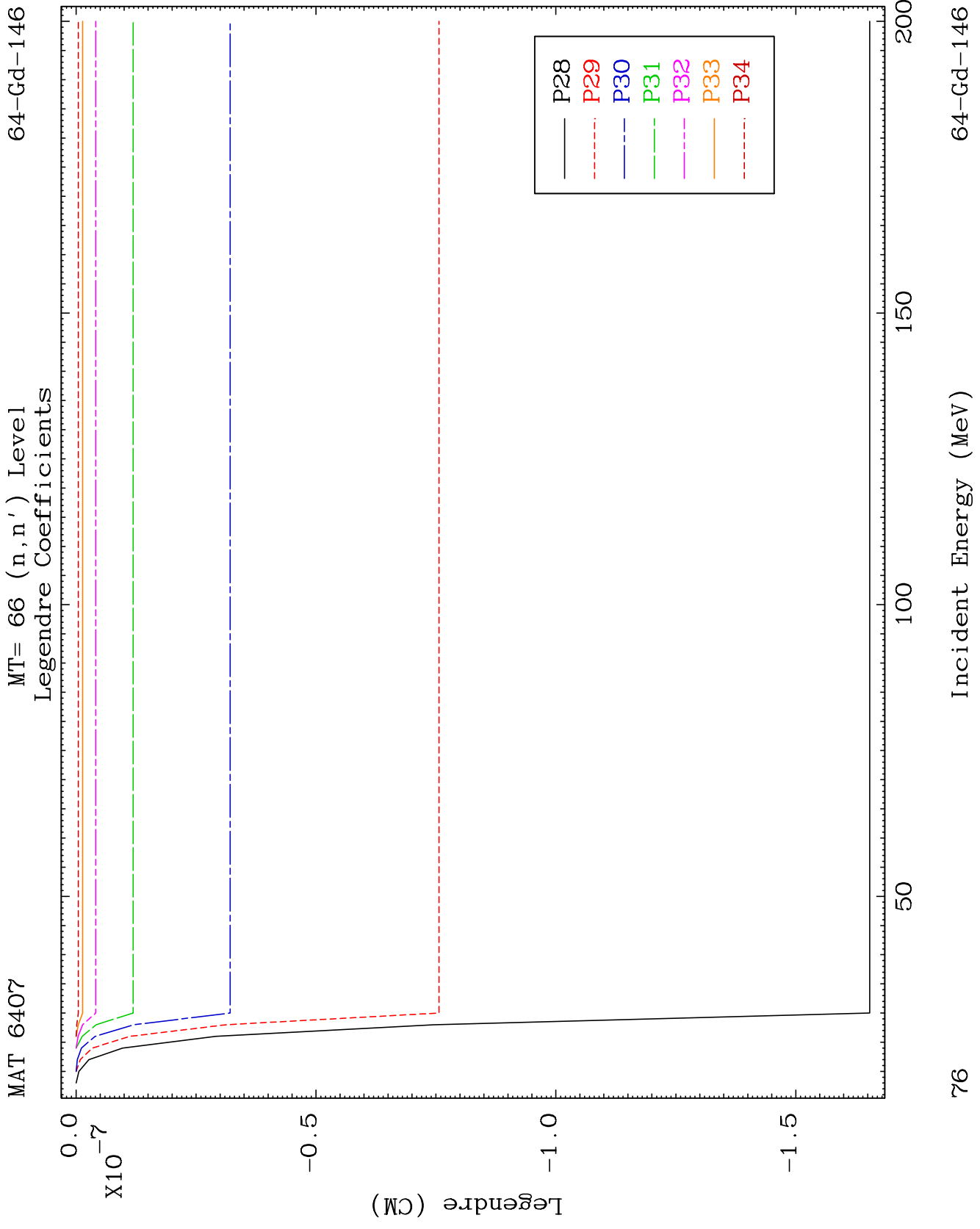
64-Gd-146



75

Incident Energy (MeV)

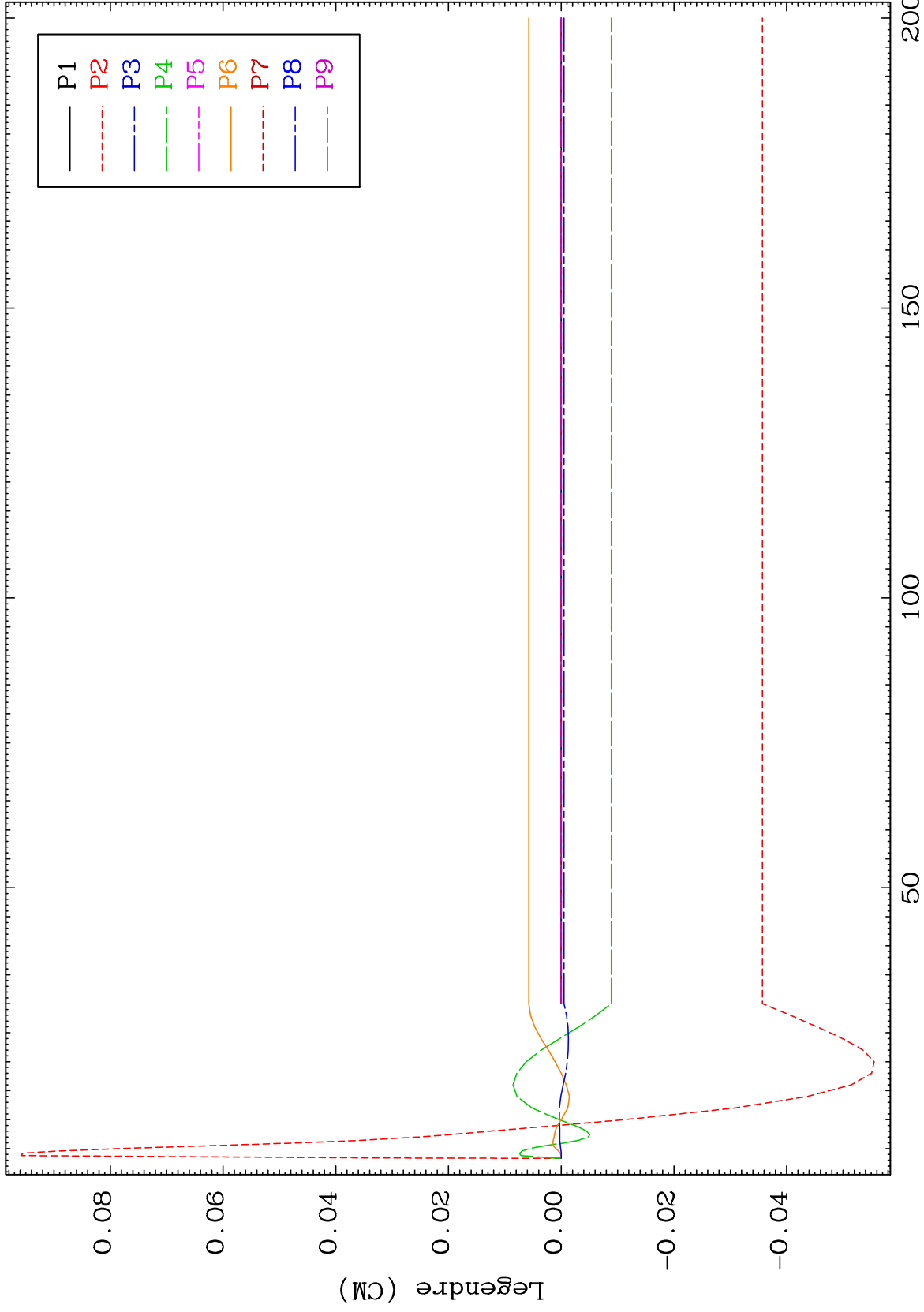
64-Gd-146



MAT 6407

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

64-Gd-146



77

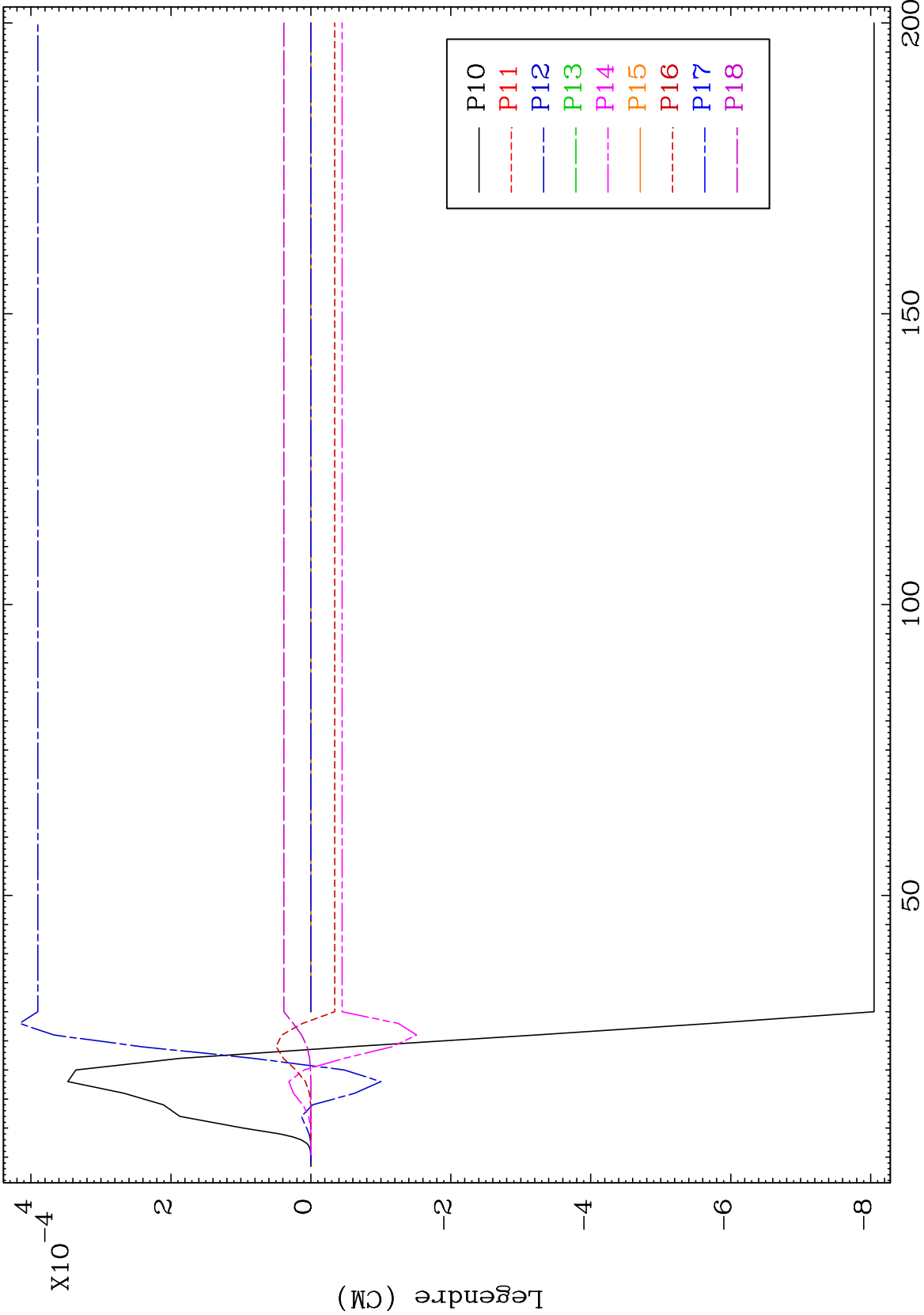
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



78

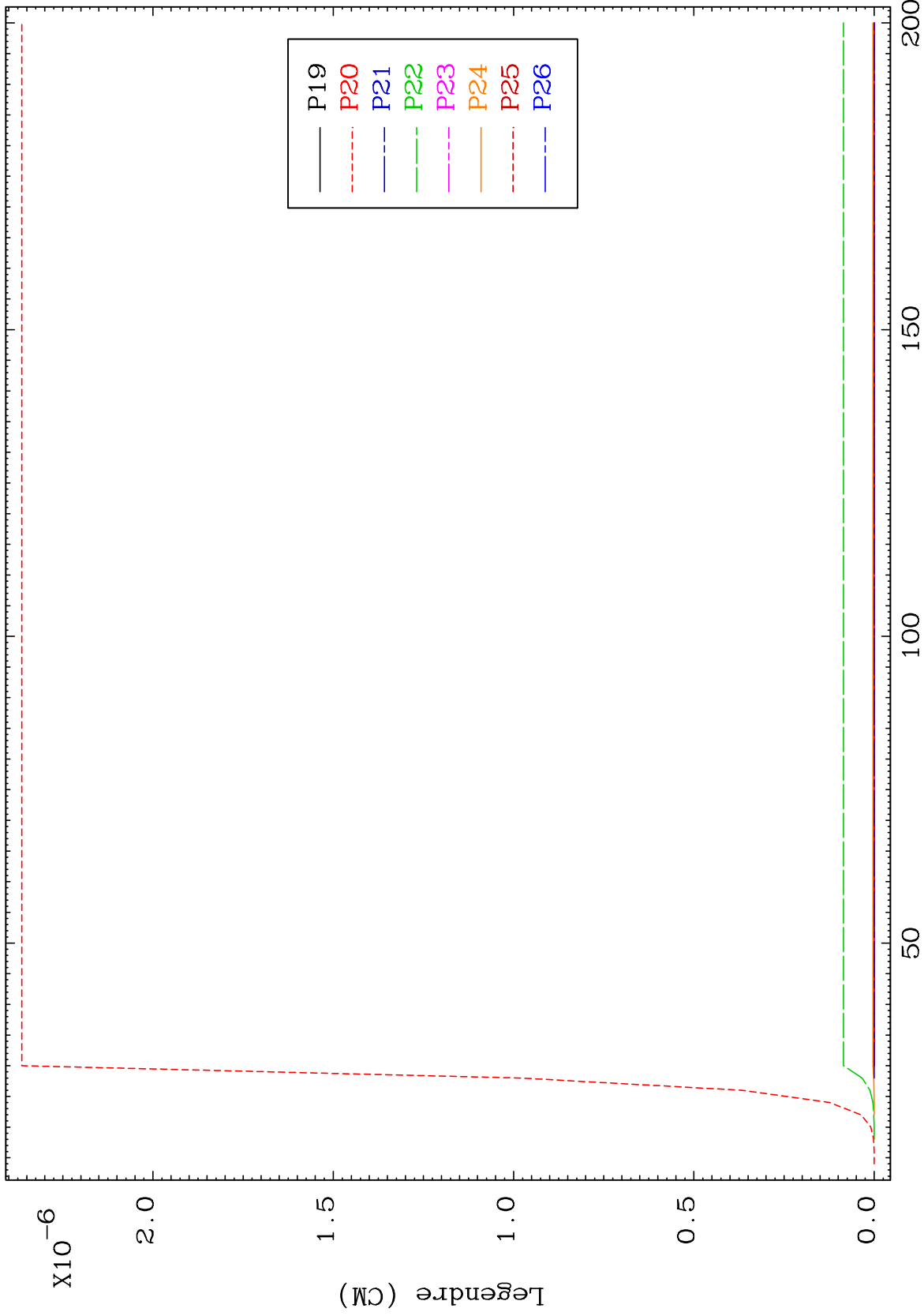
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



79

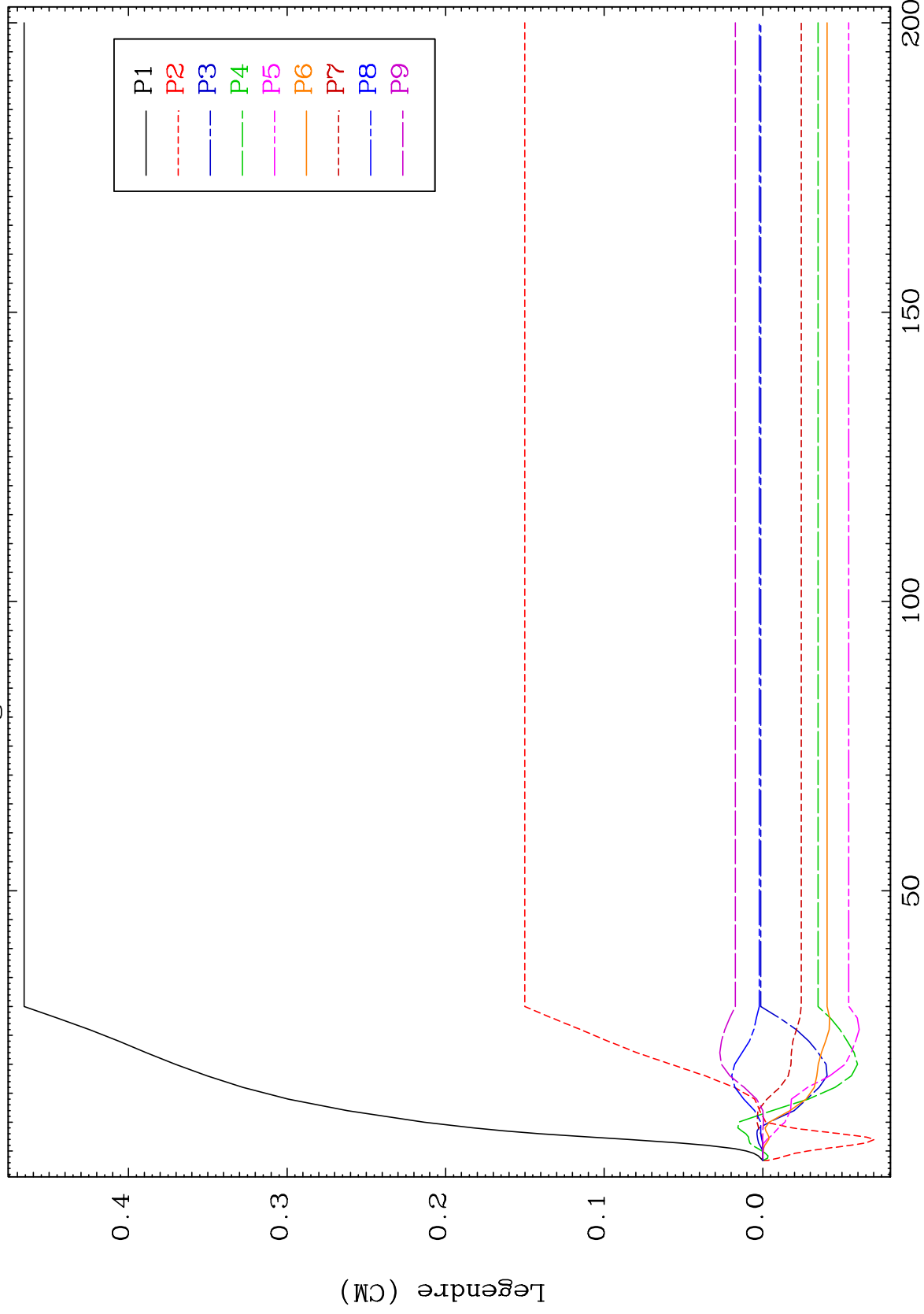
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

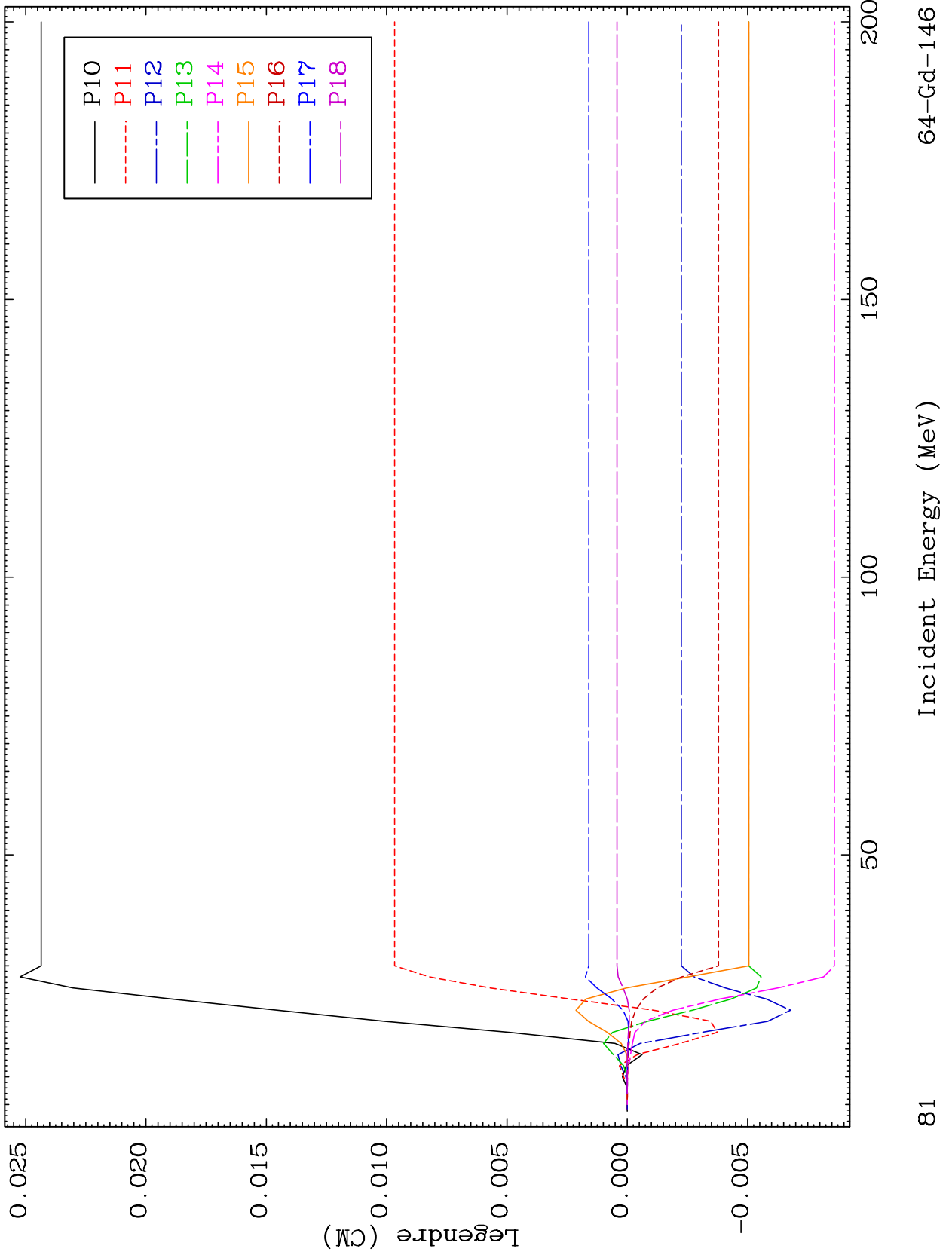
64-Gd-146

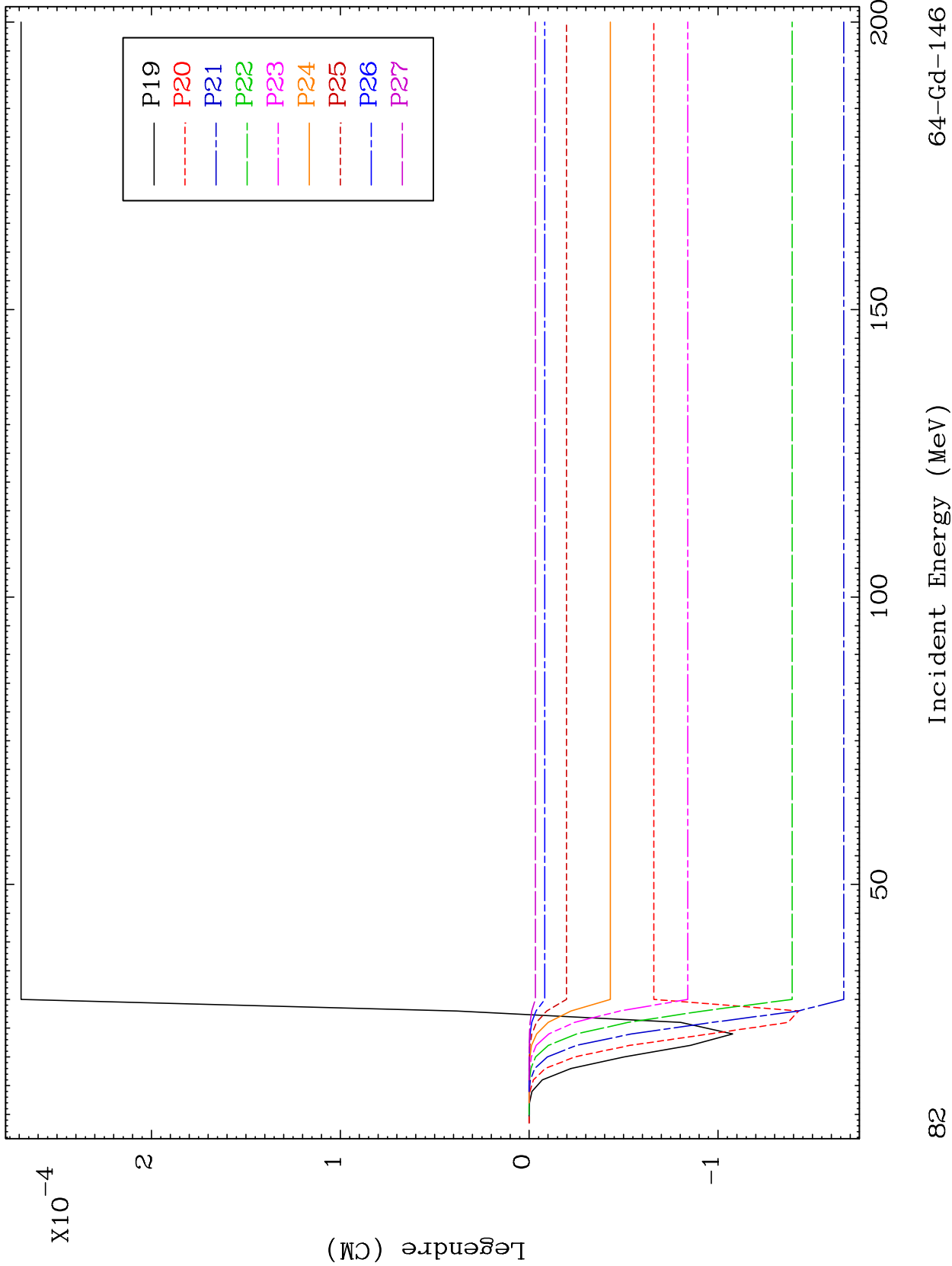


80

Incident Energy (MeV)

64-Gd-146

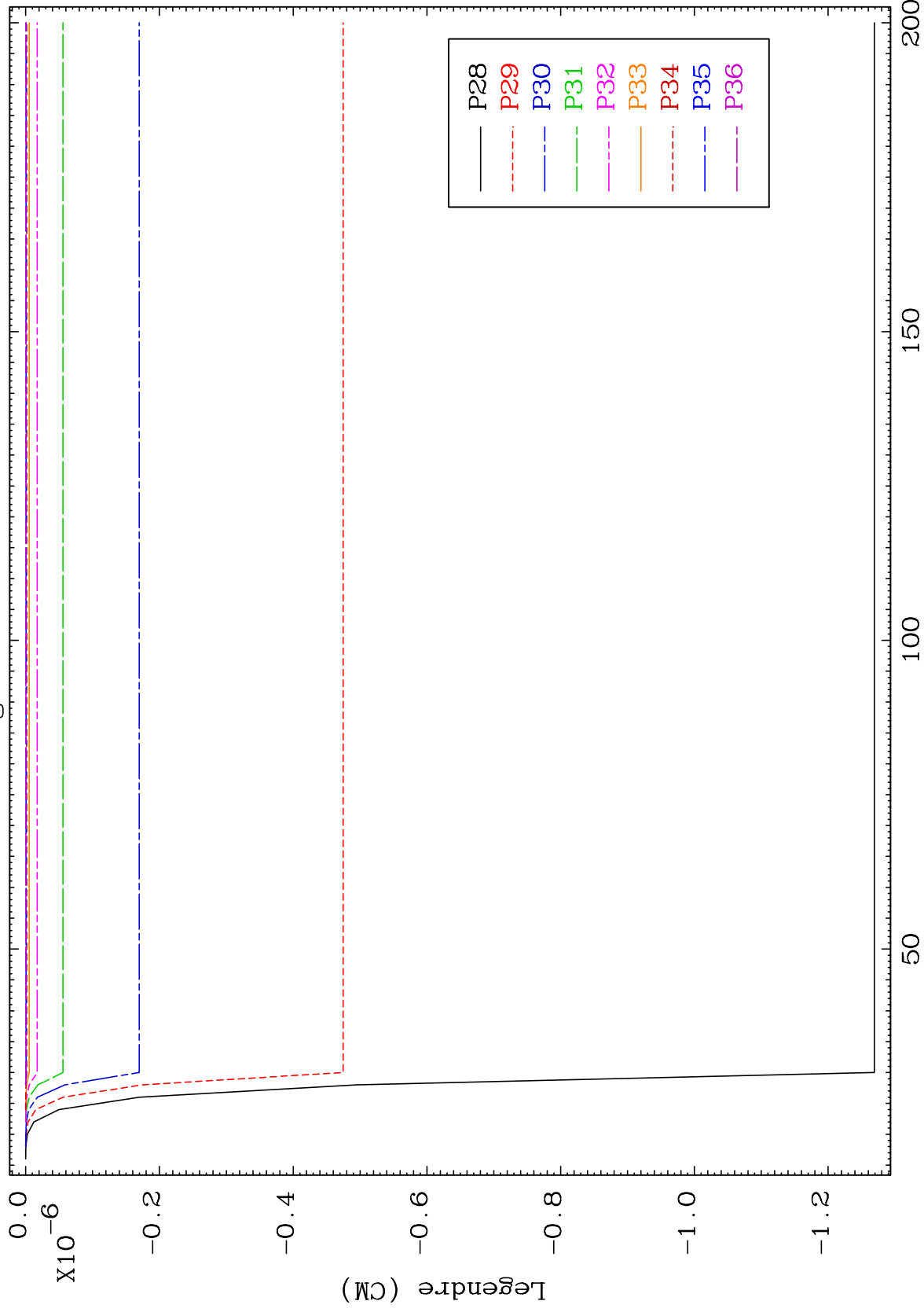




MAT 6407

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

64-Gd-146



83

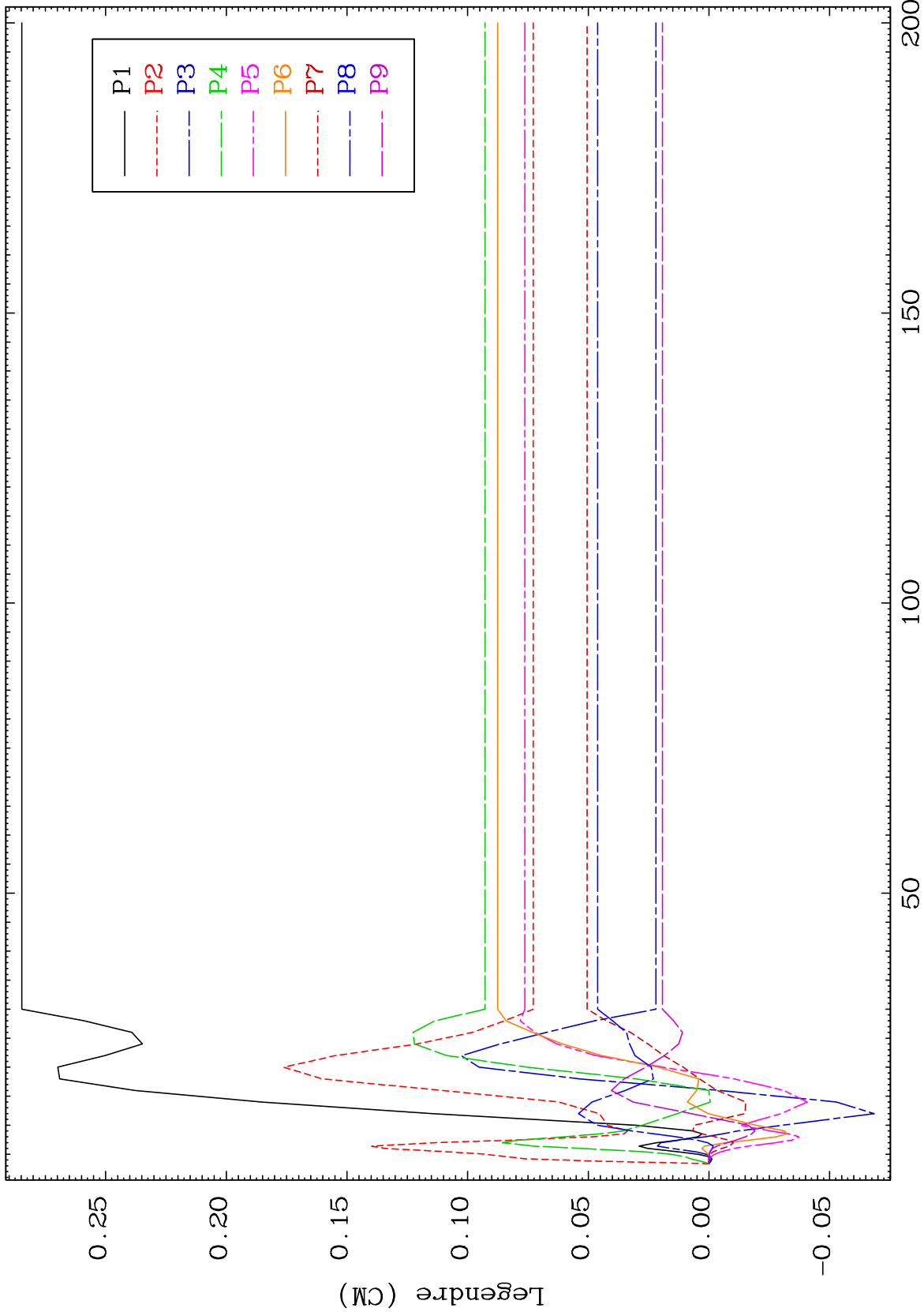
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



84

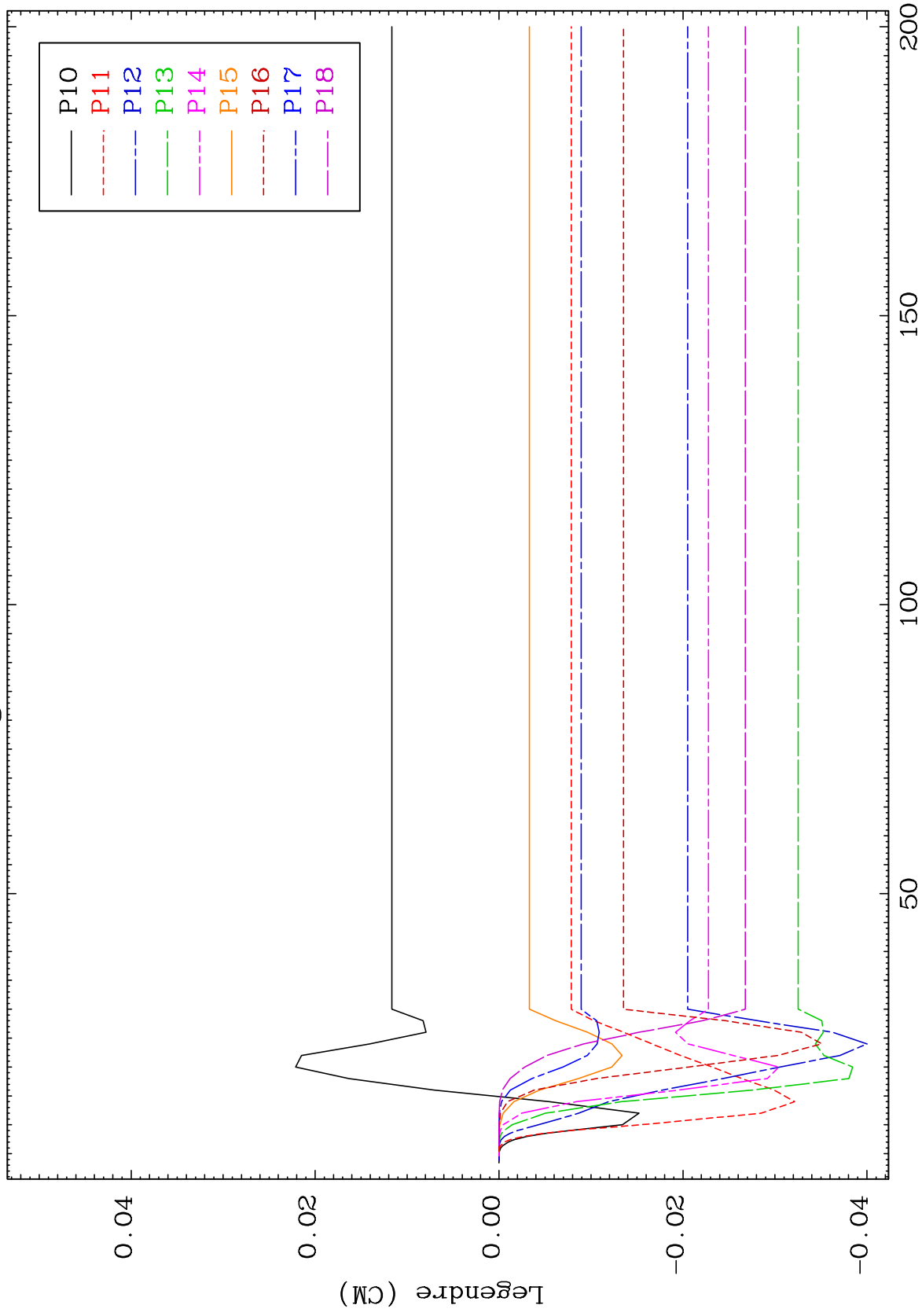
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

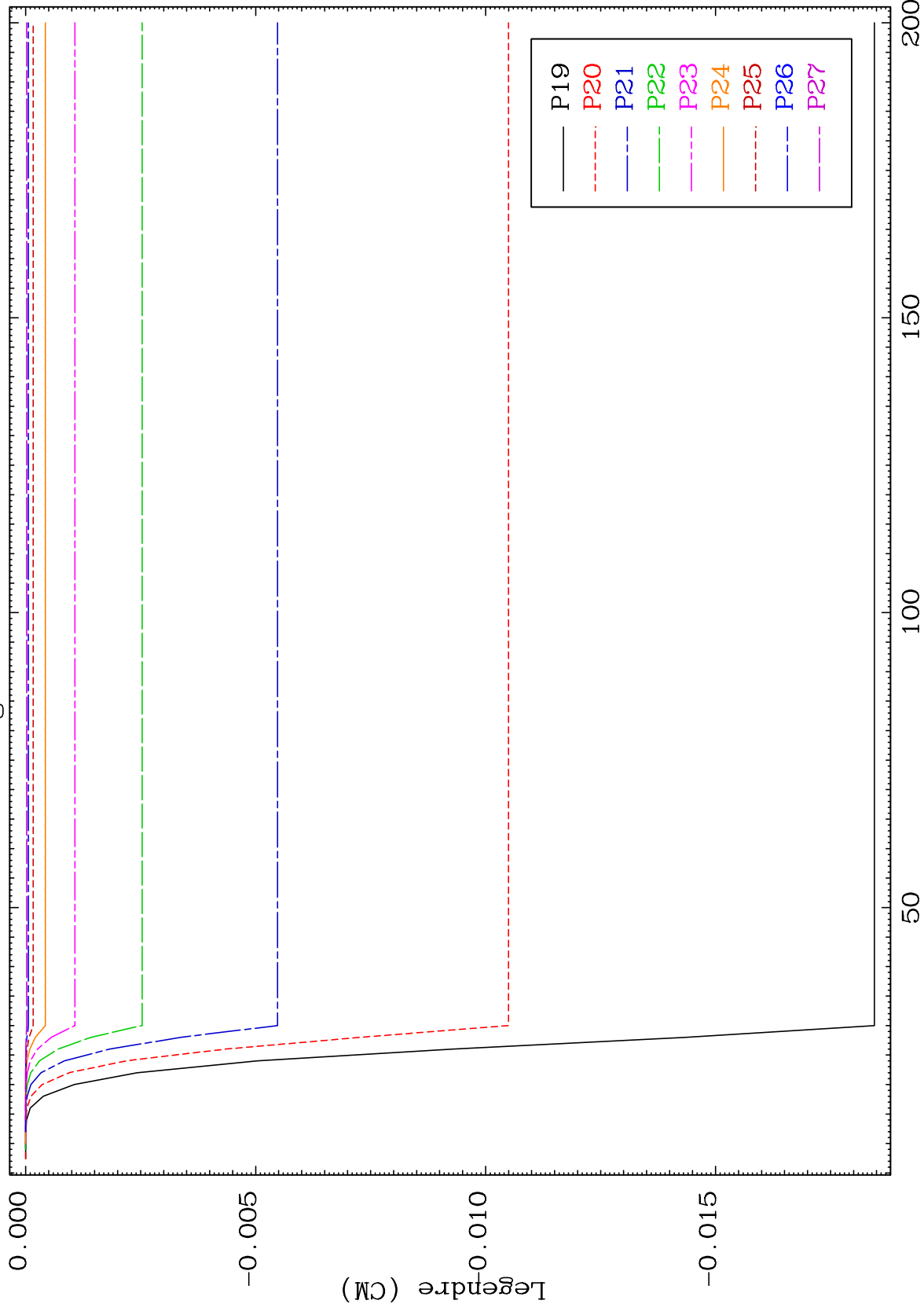
64-Gd-146



85

Incident Energy (MeV)

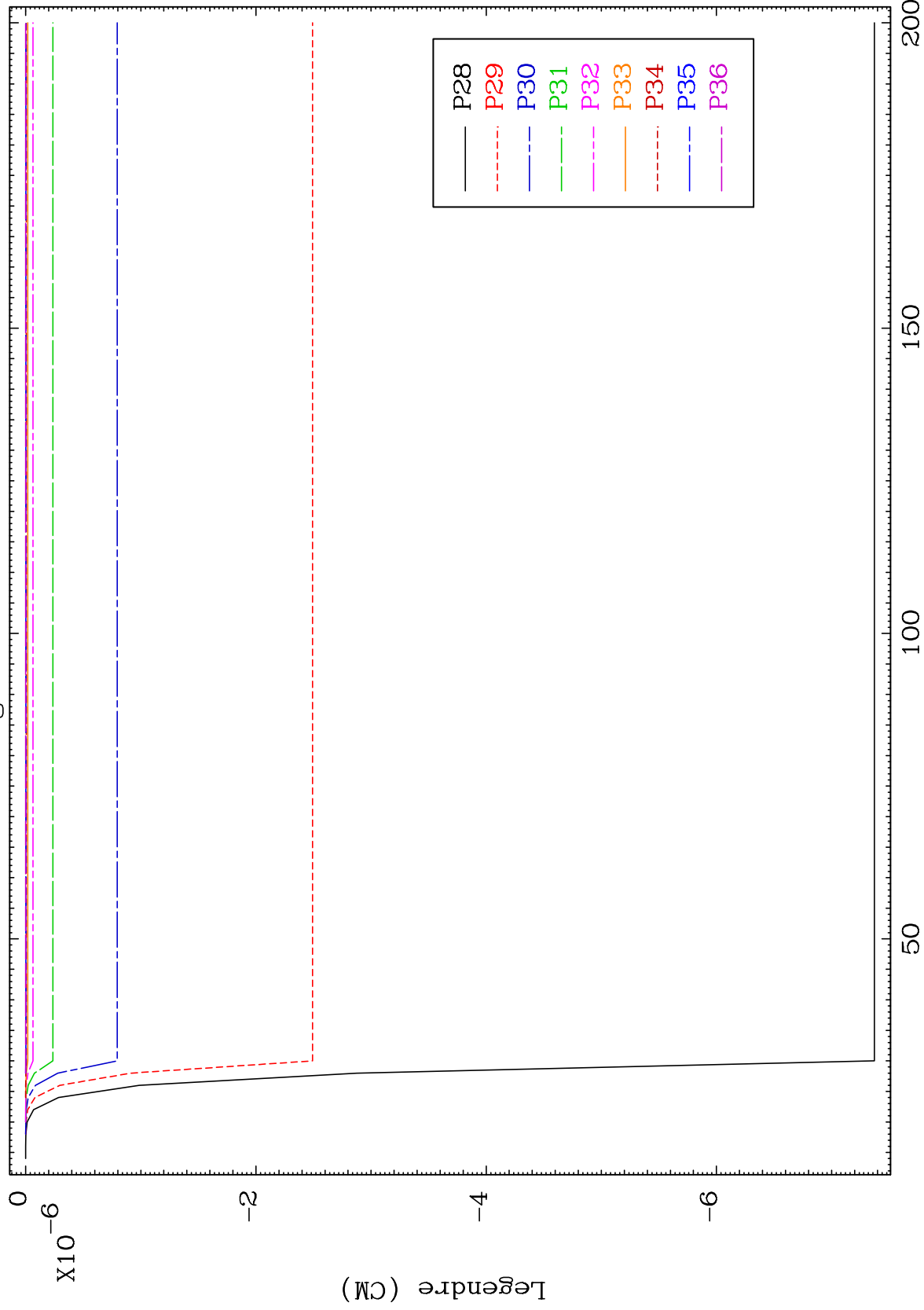
64-Gd-146



MAT 6407

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

64-Gd-146



87

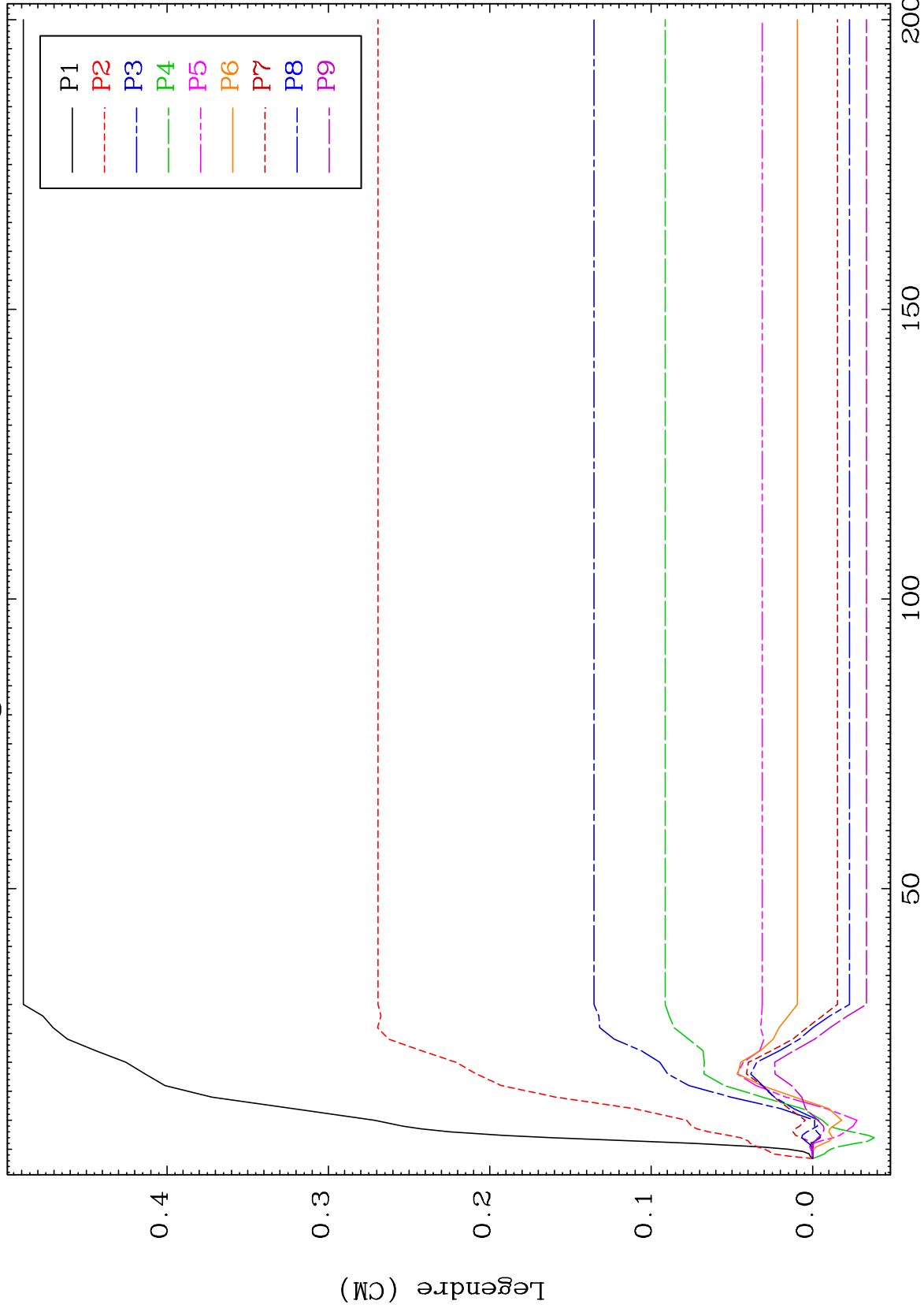
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

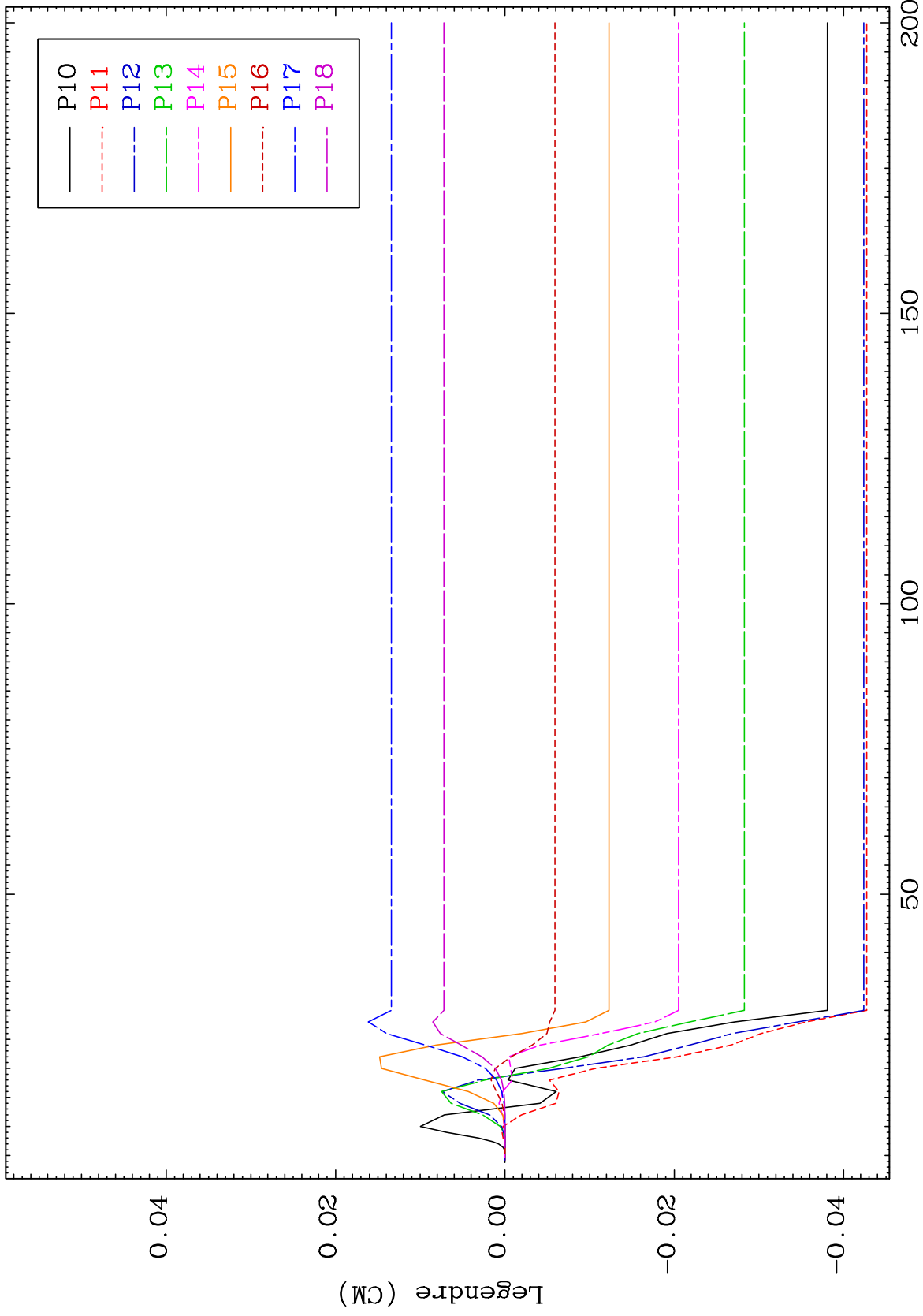
64-Gd-146



88

Incident Energy (MeV)

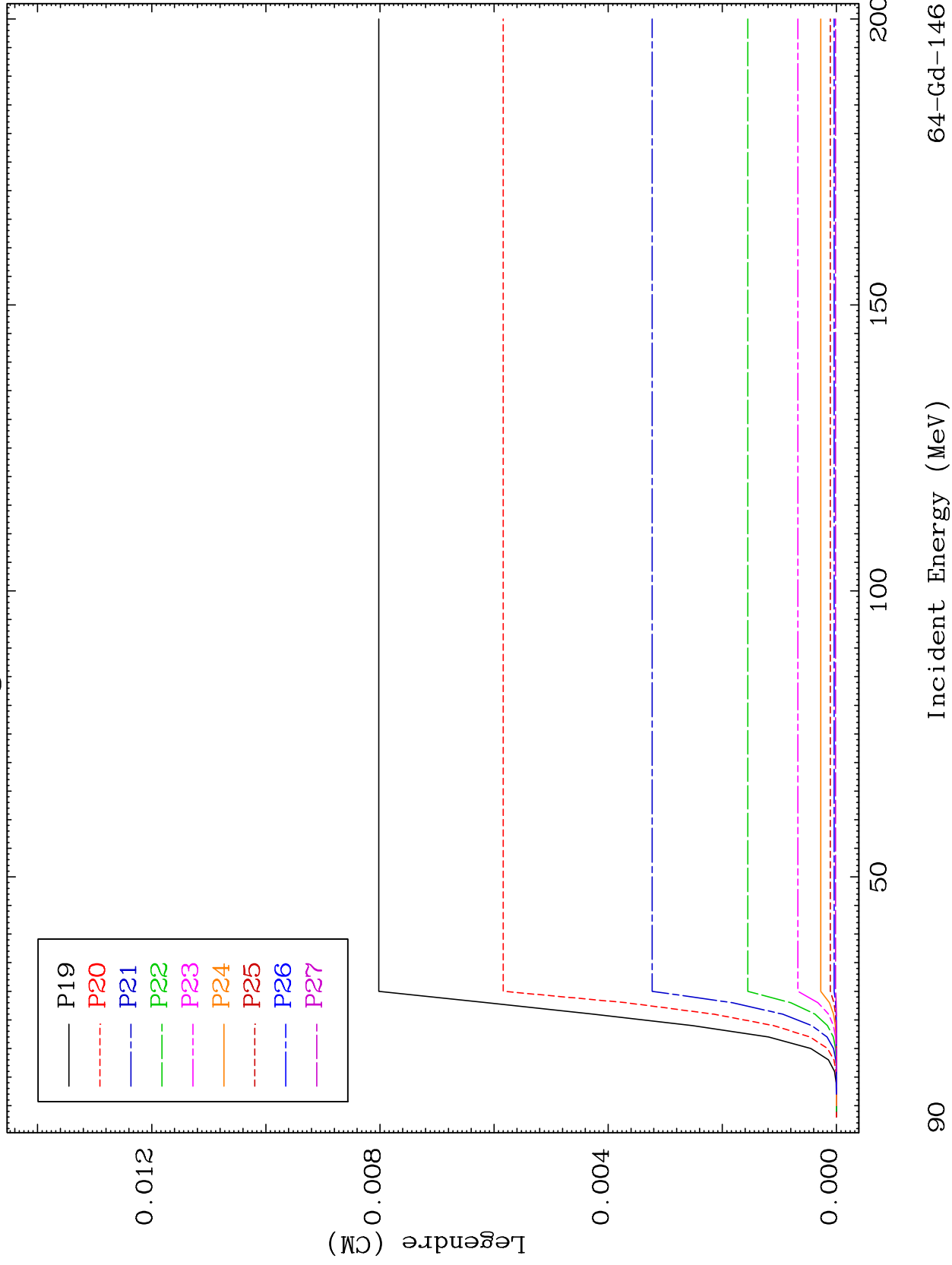
64-Gd-146



MAT 6407

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

64-Gd-146



90

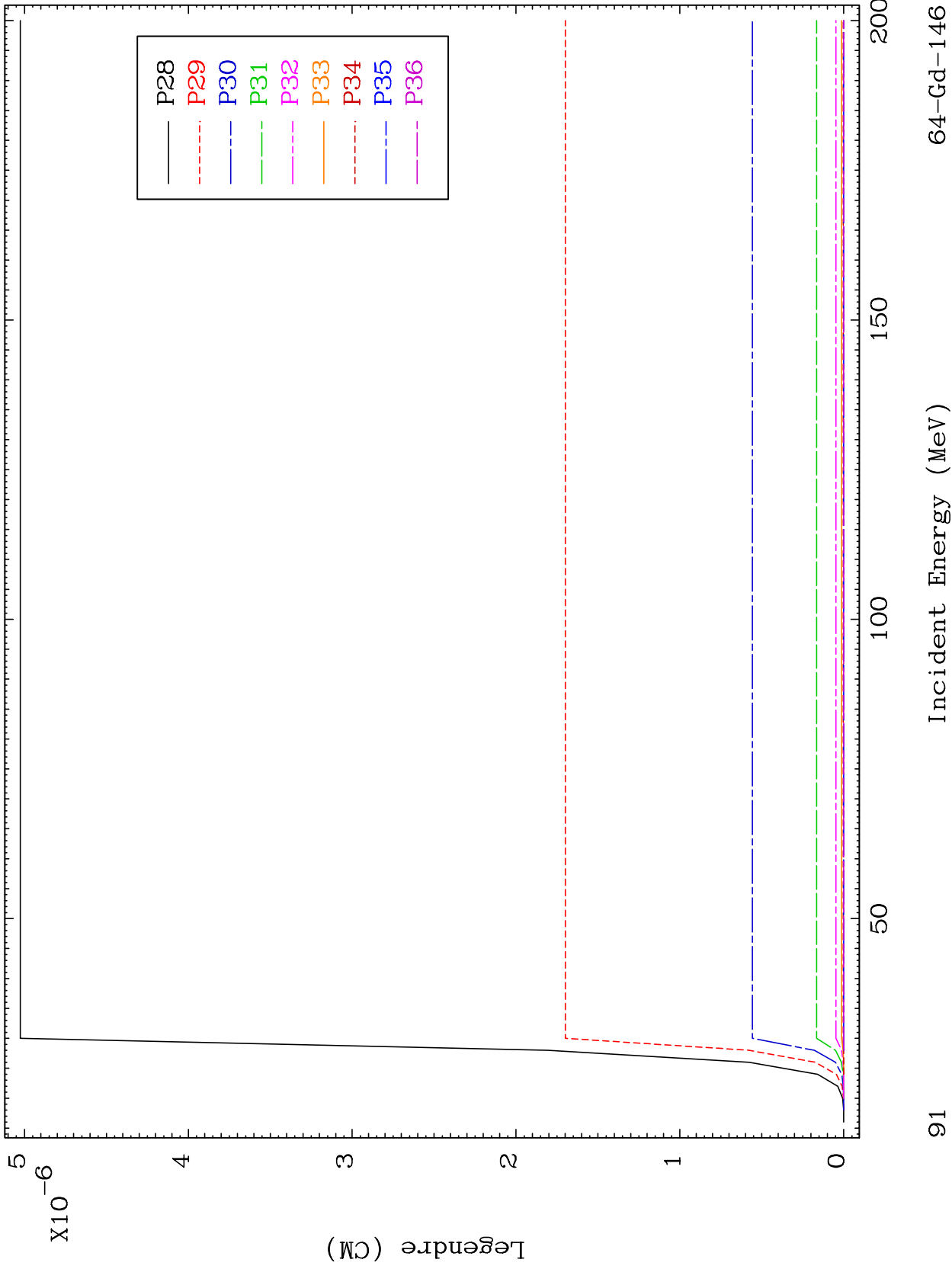
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

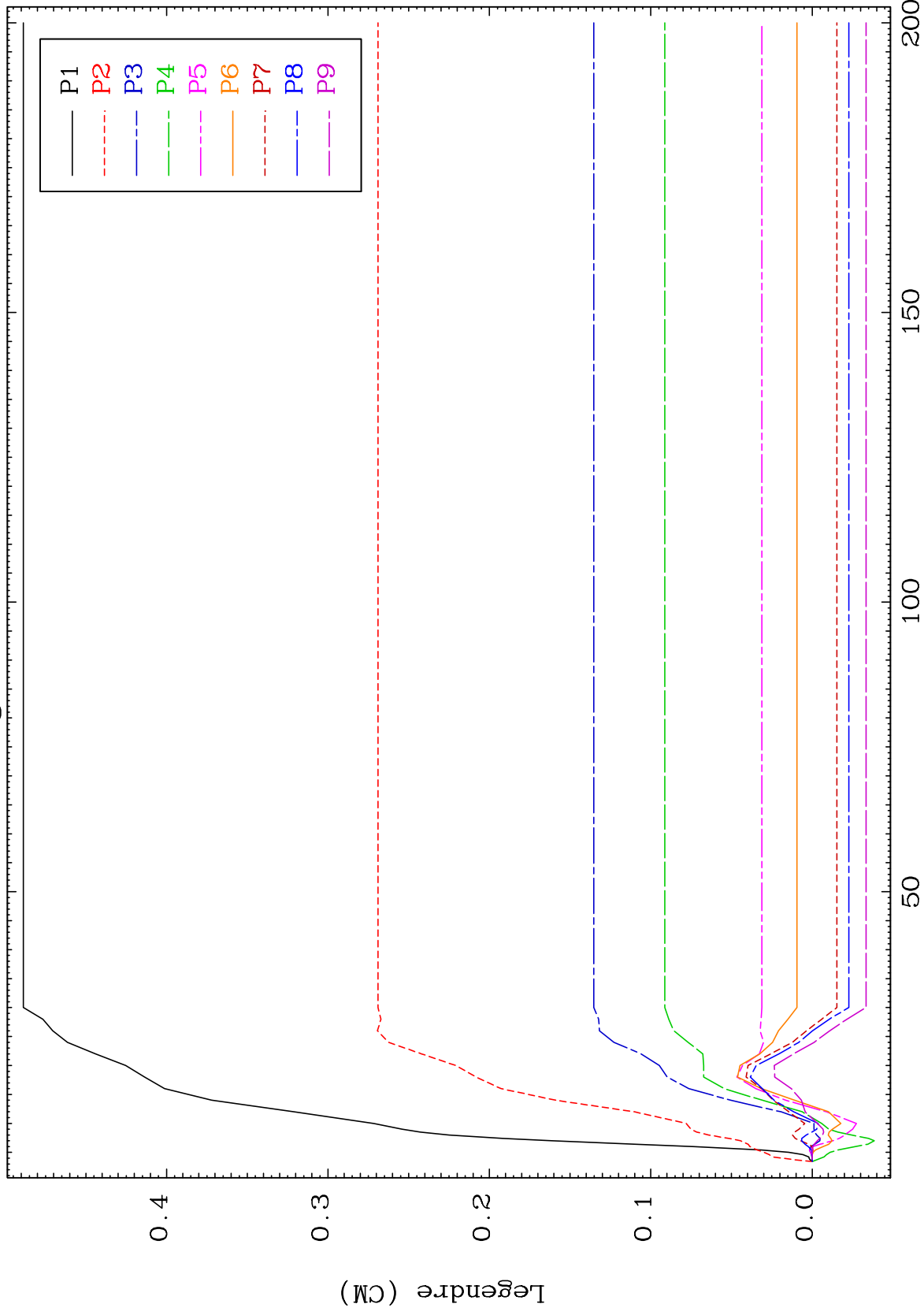
64-Gd-146



MAT 6407

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

64-Gd-146



92

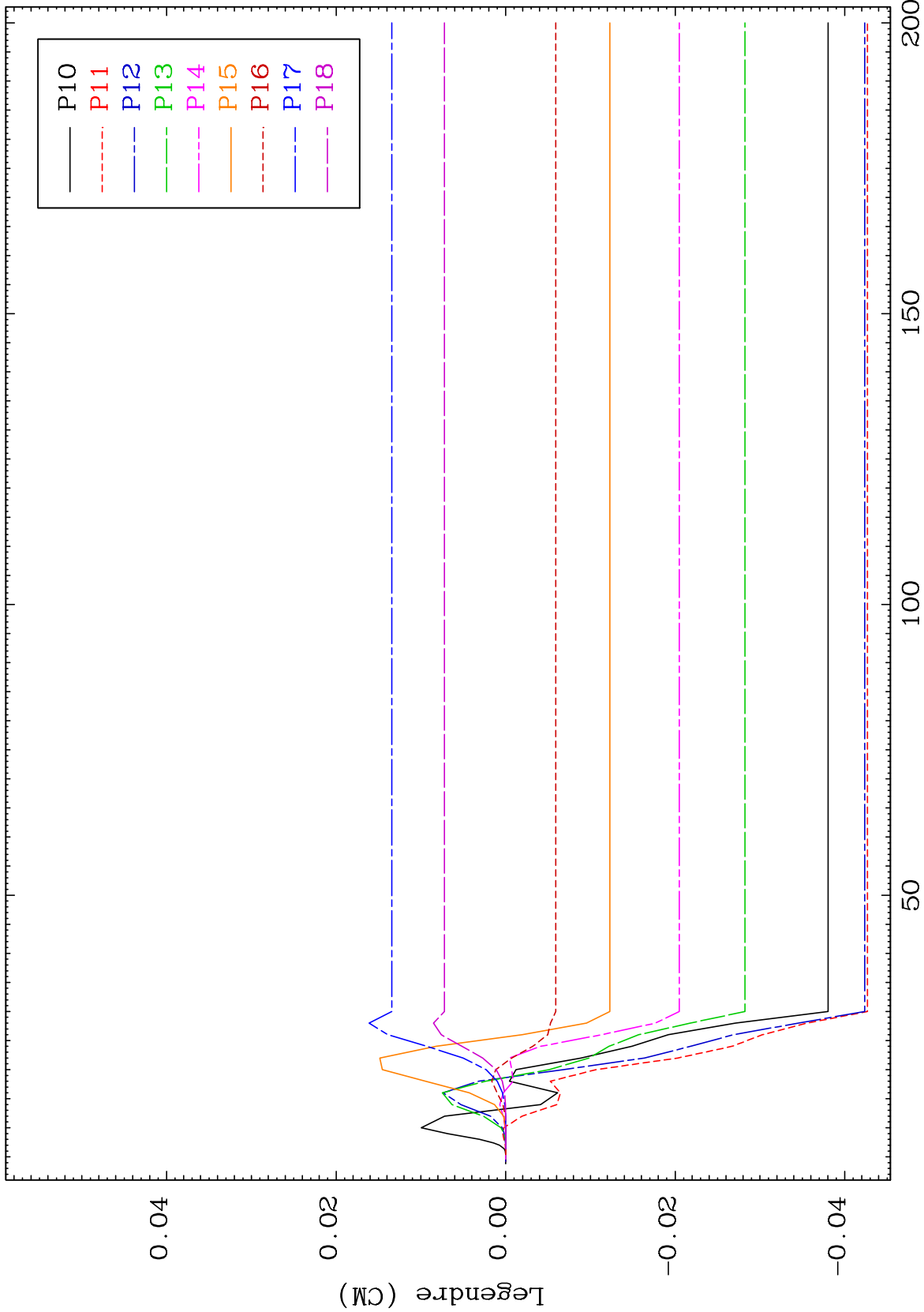
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



93

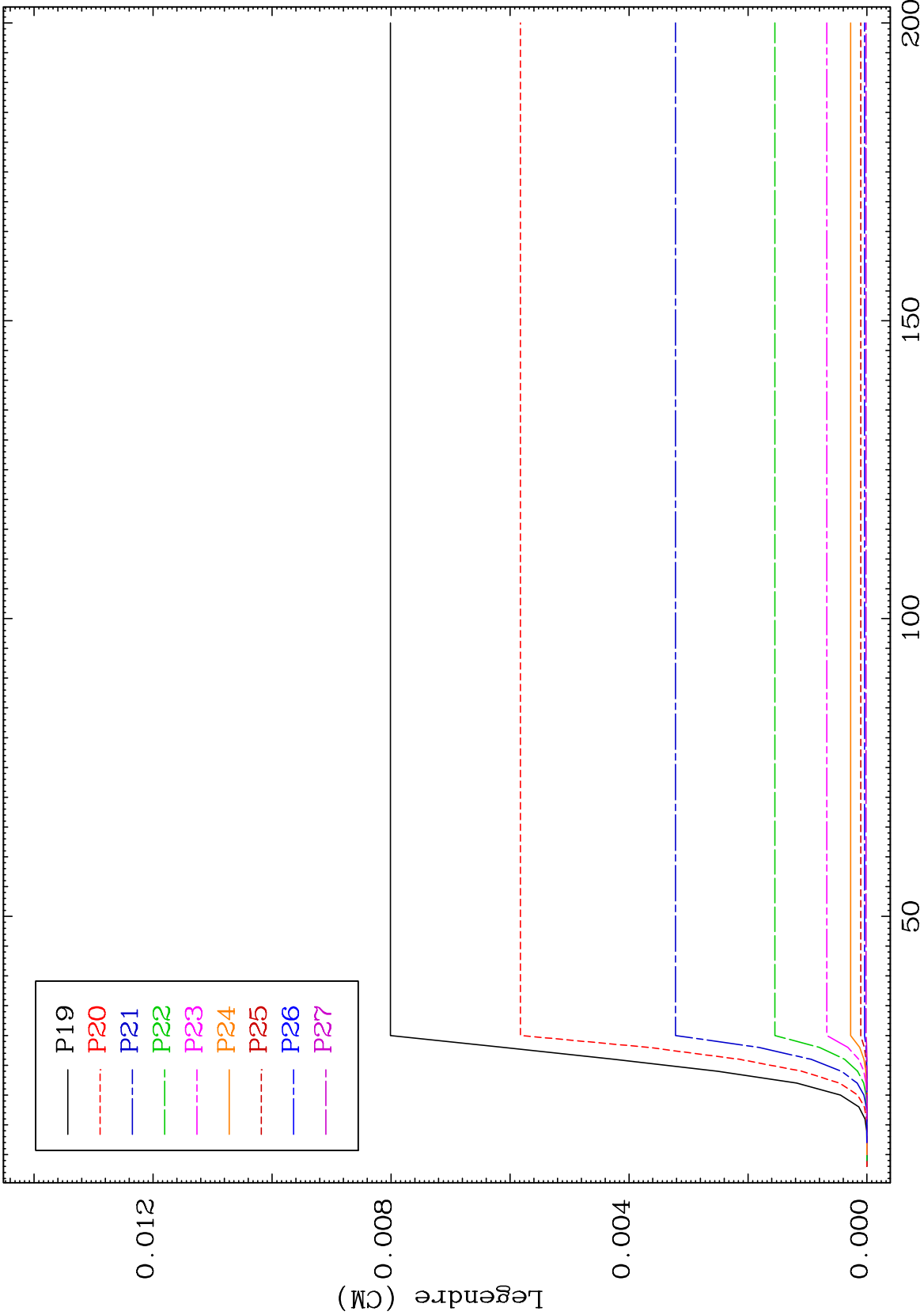
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



94

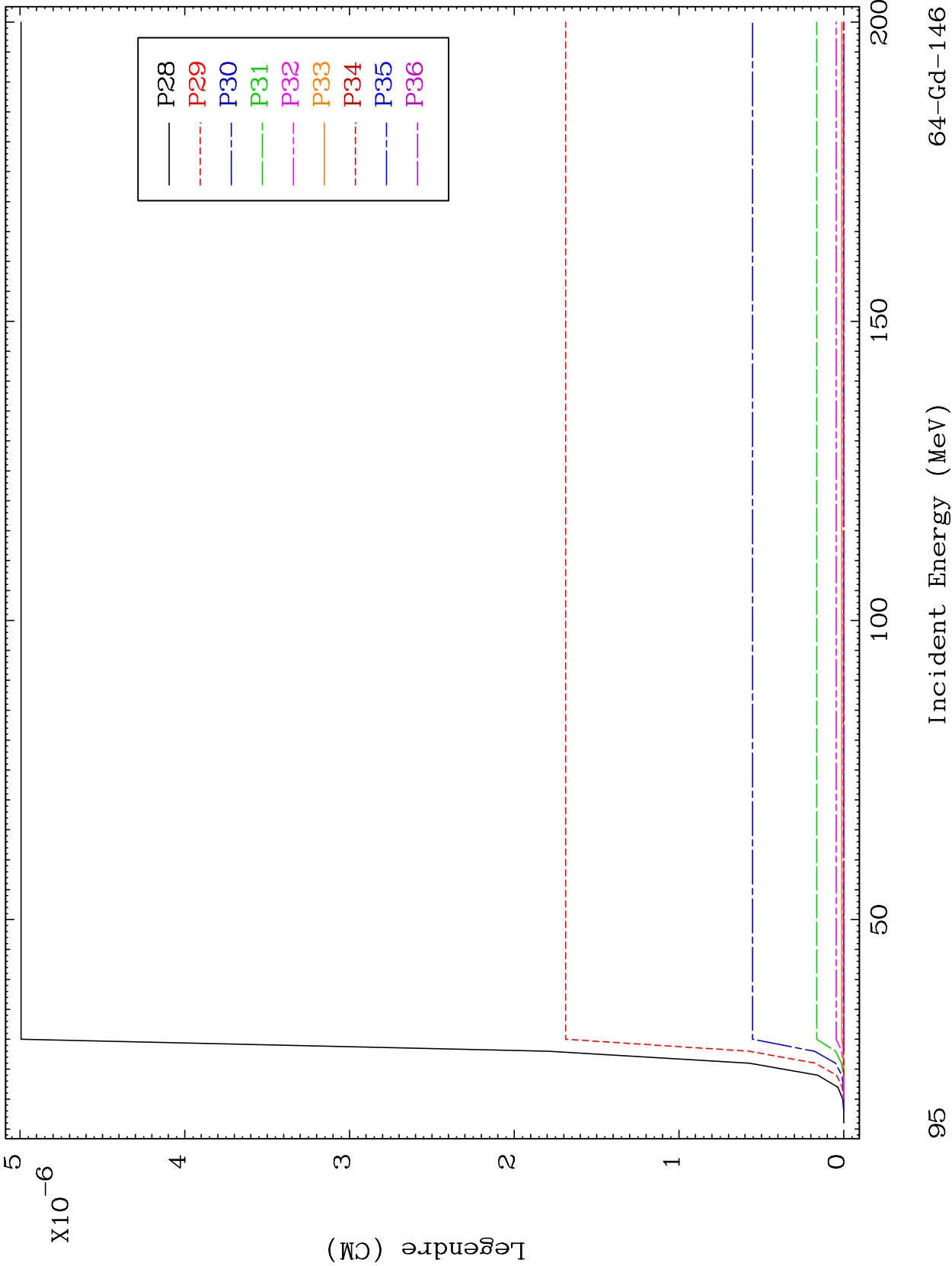
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



64-Gd-146

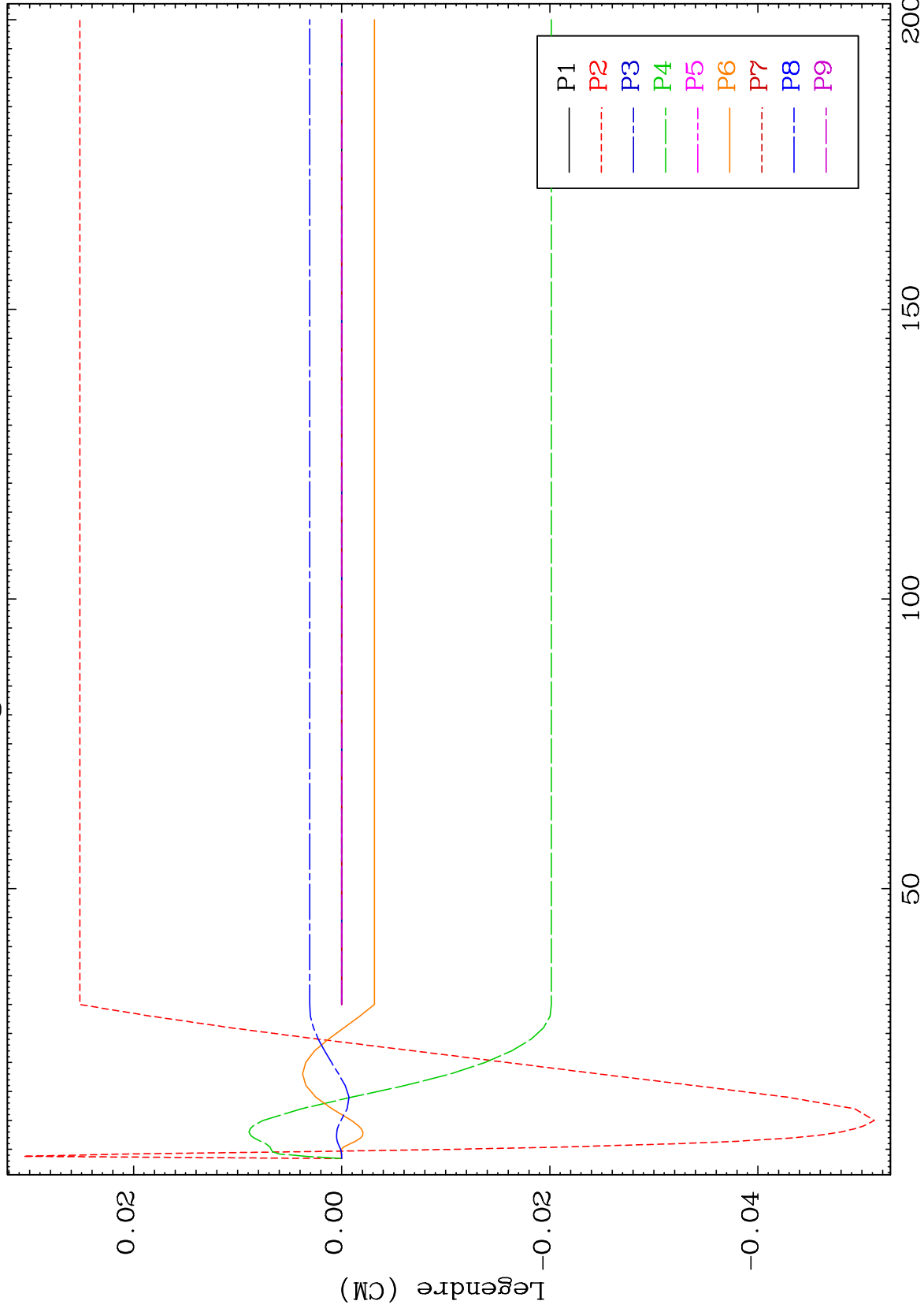
Incident Energy (MeV)

95

MAT 6407

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

64-Gd-146



96

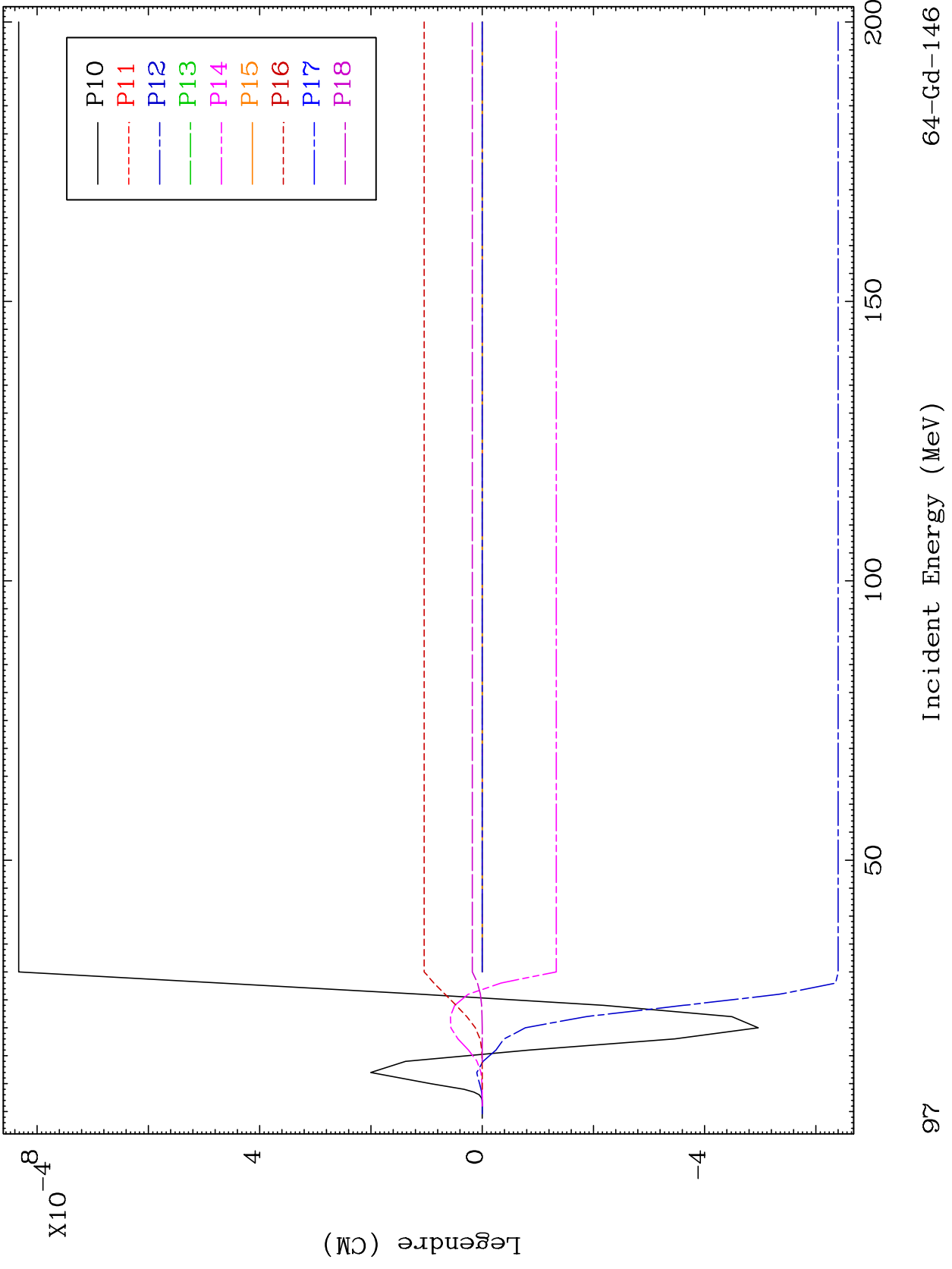
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

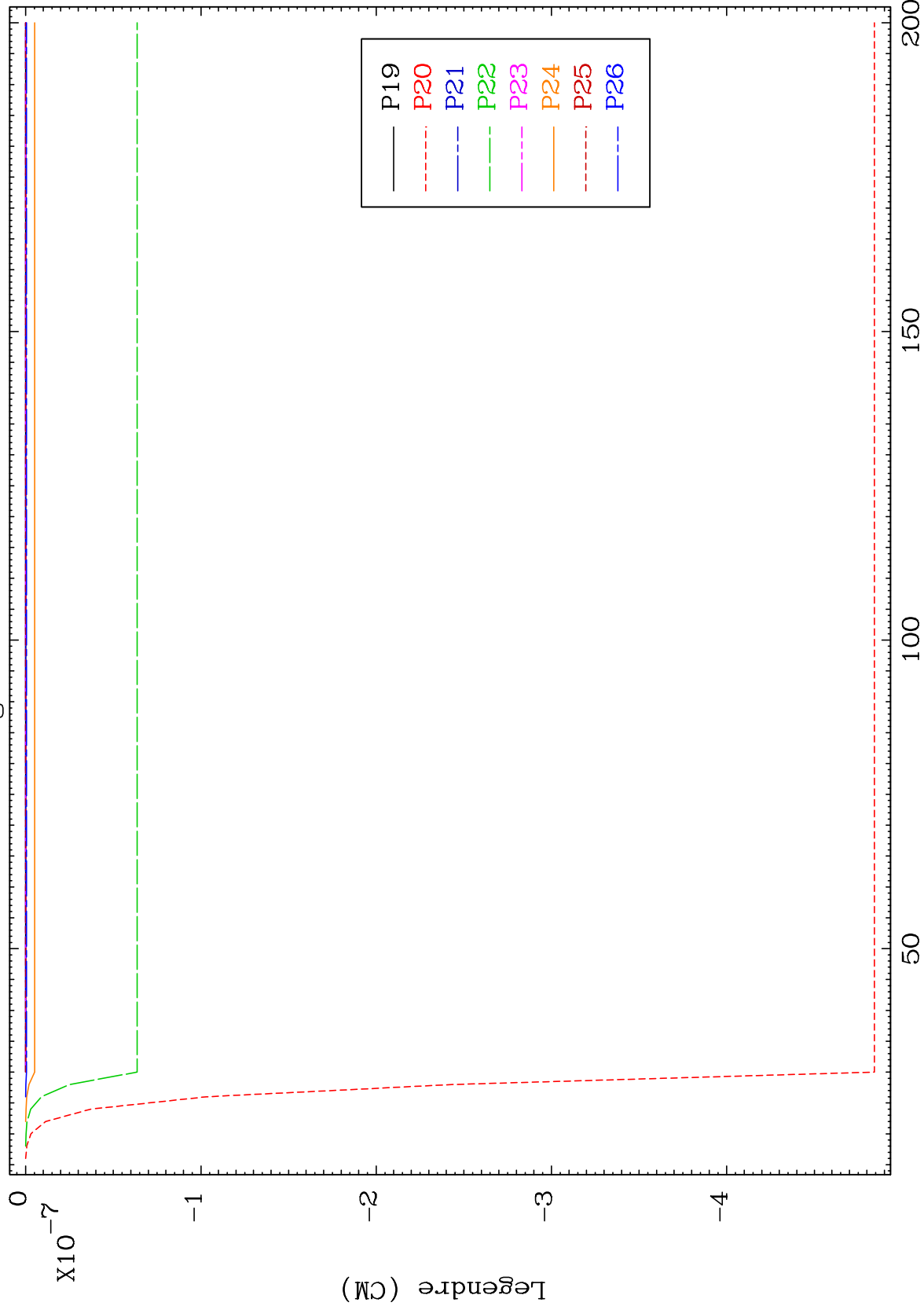
64-Gd-146



MAT 6407

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

64-Gd-146



98

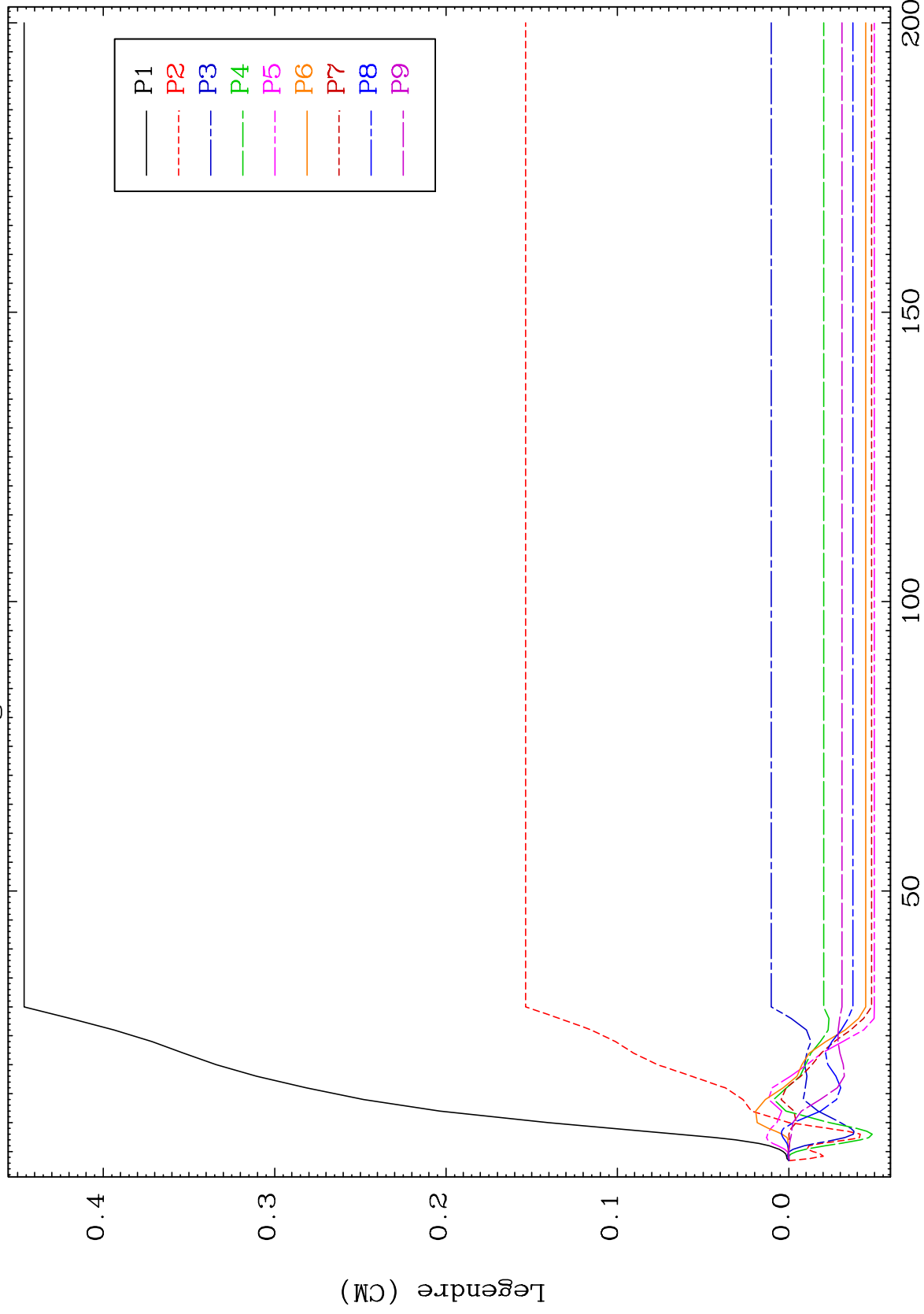
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



99

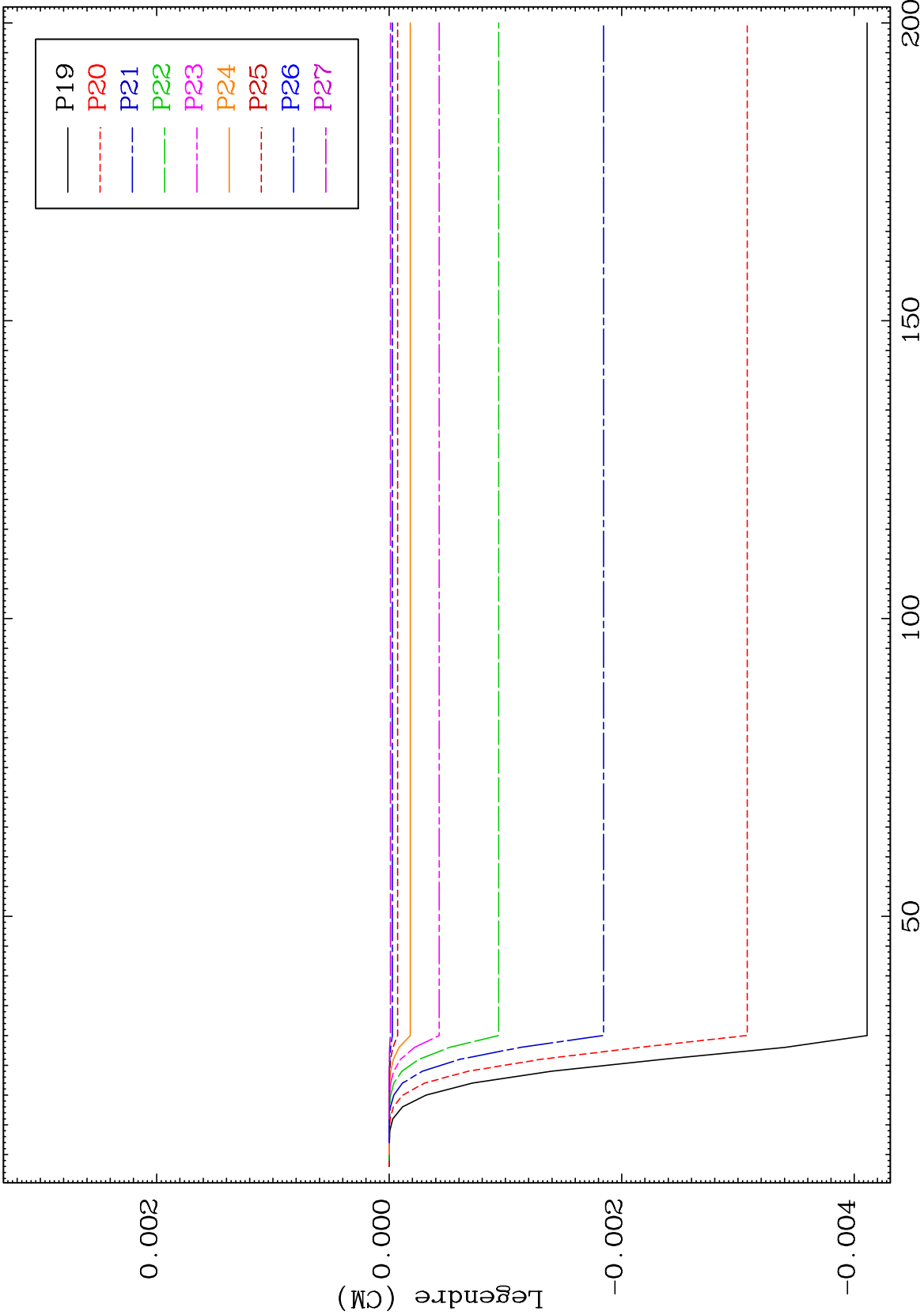
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

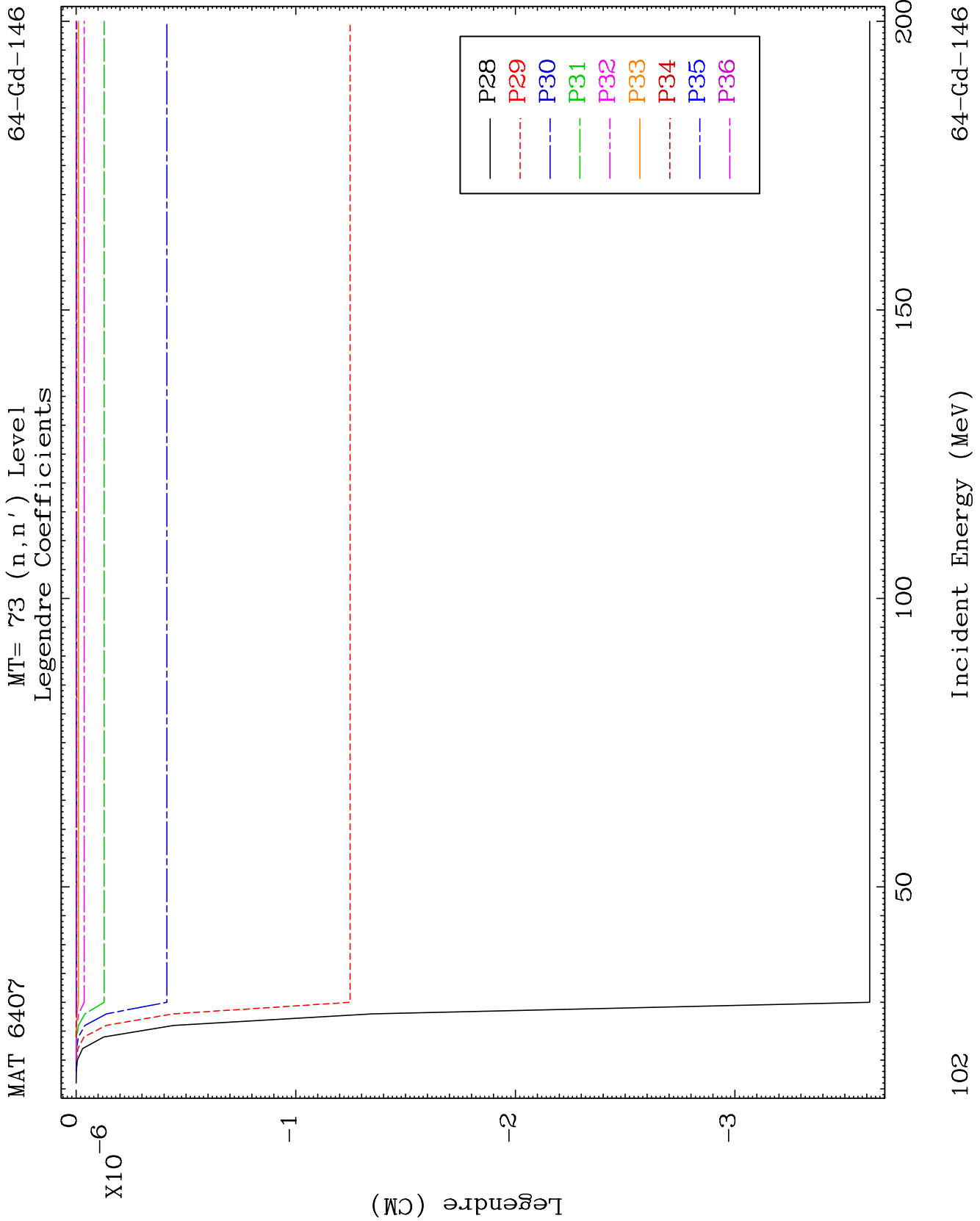
64-Gd-146



101

Incident Energy (MeV)

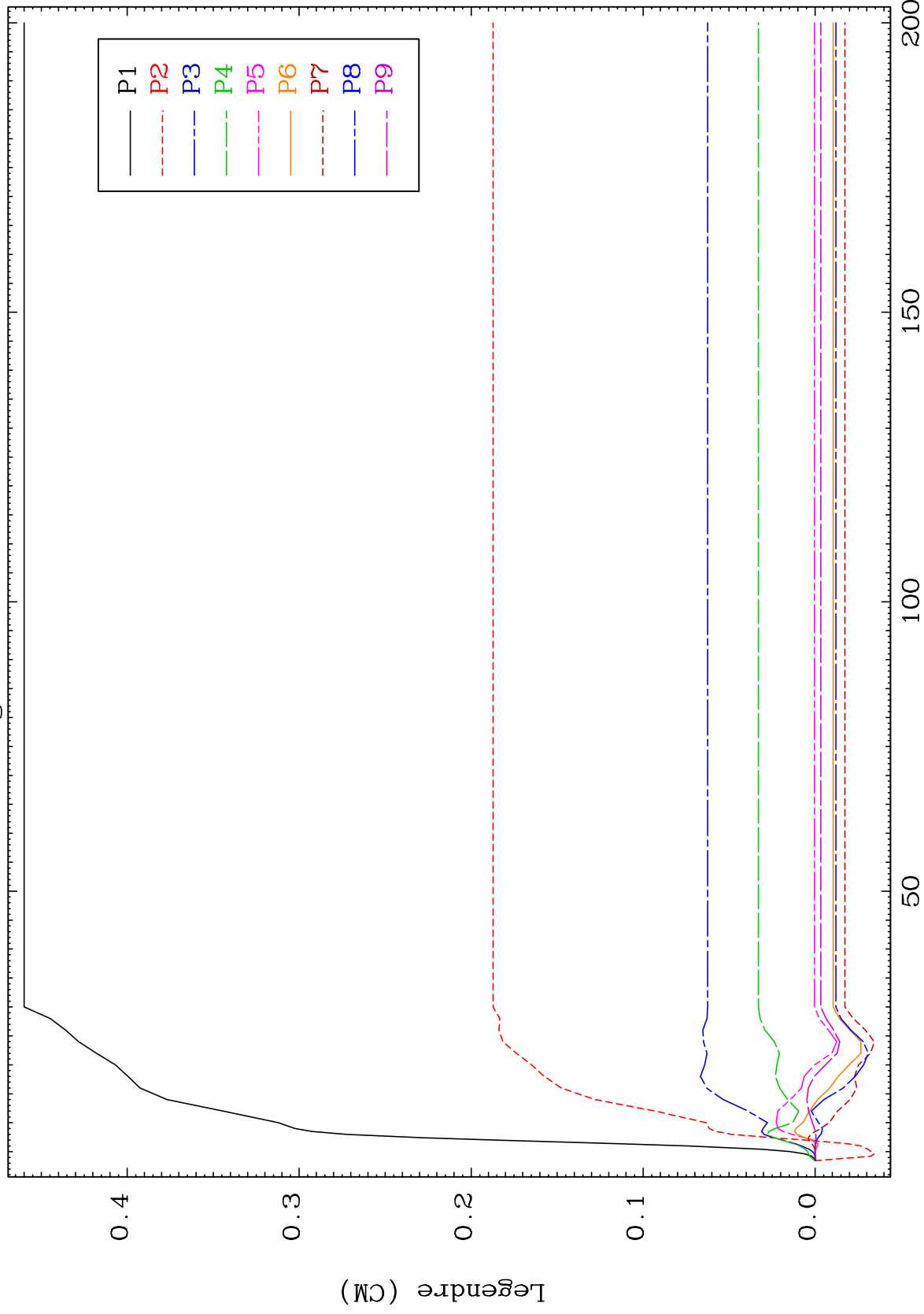
64-Gd-146



MAT 6407

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

64-Gd-146



103

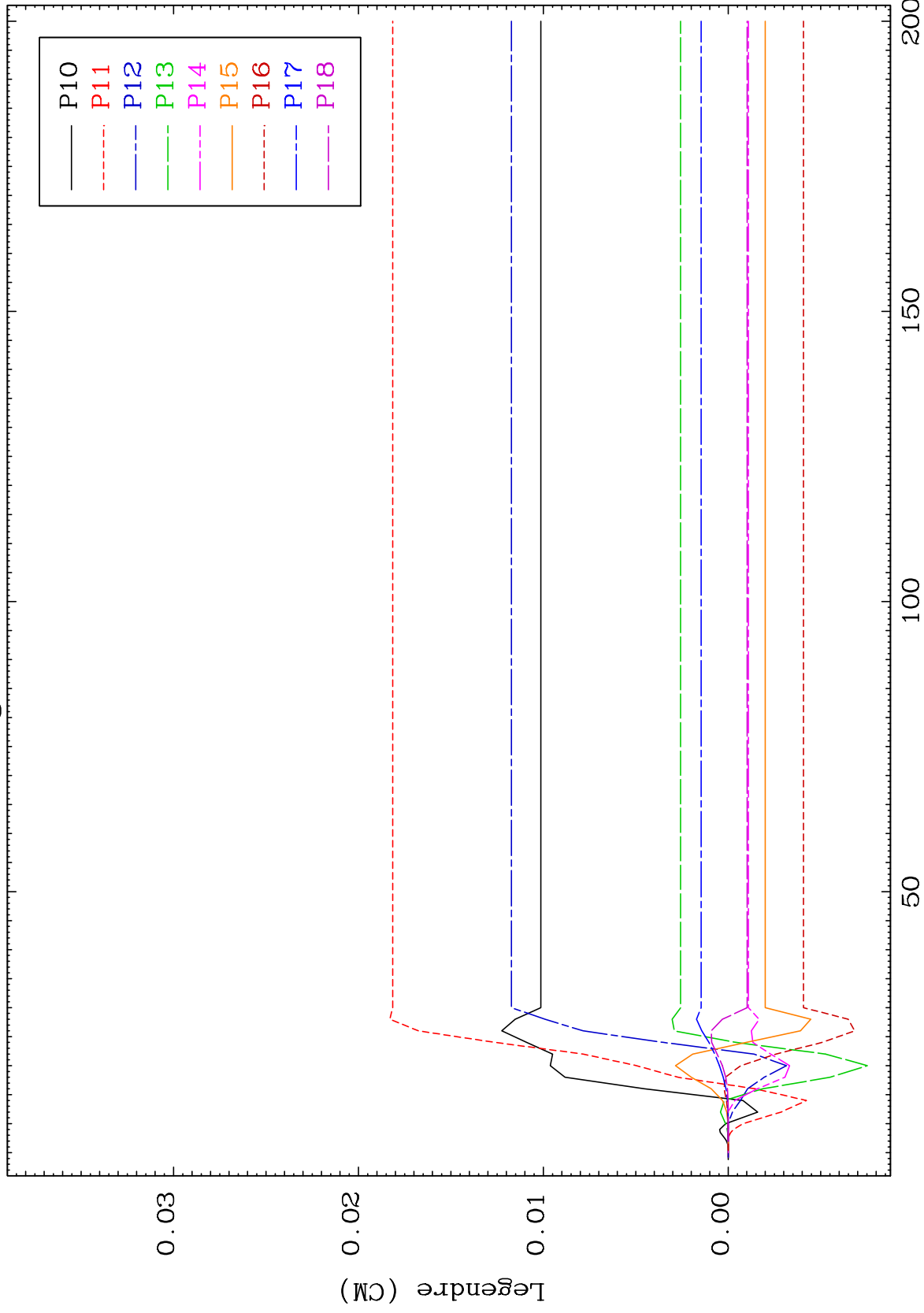
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



104

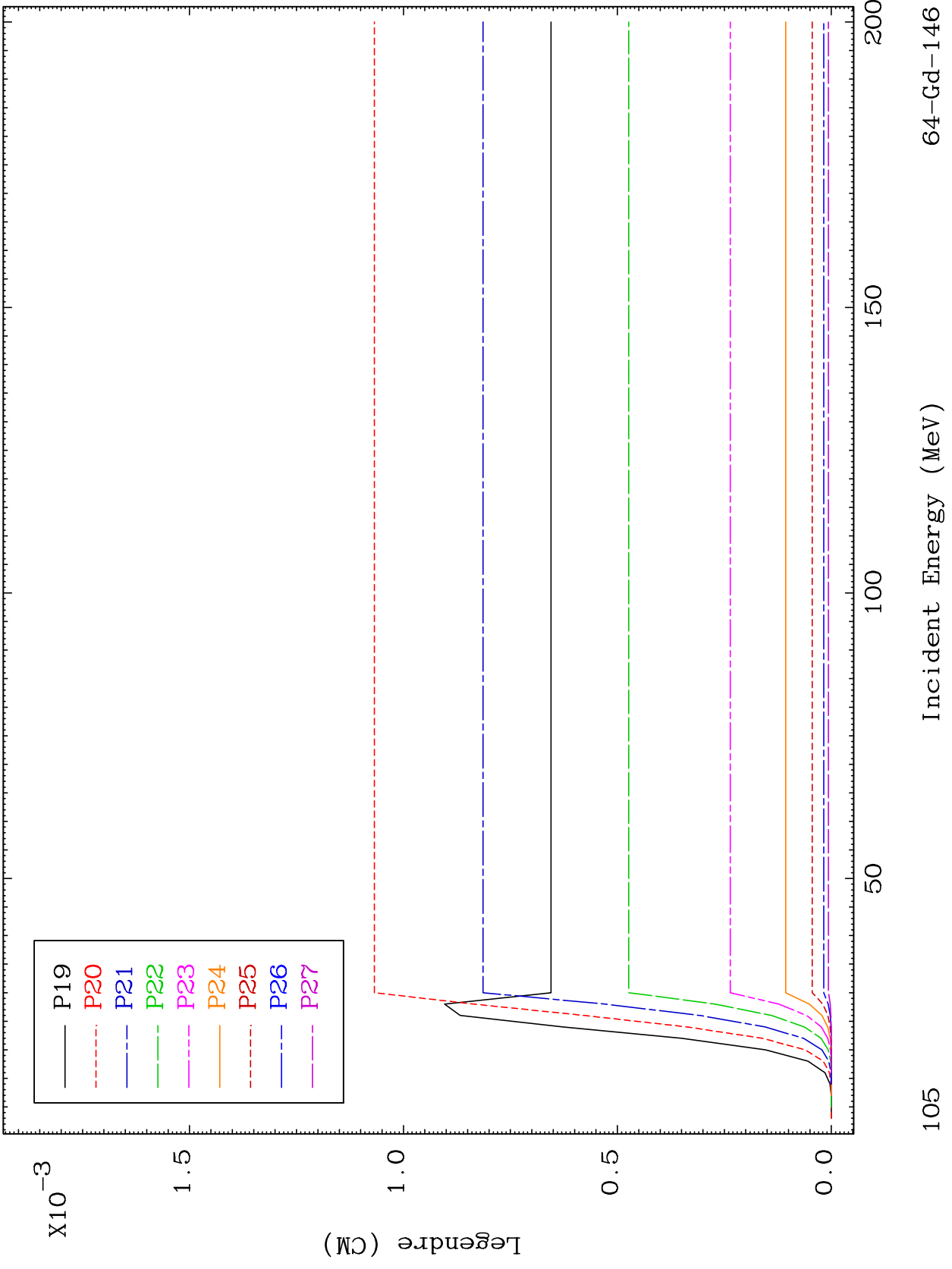
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



64-Gd-146

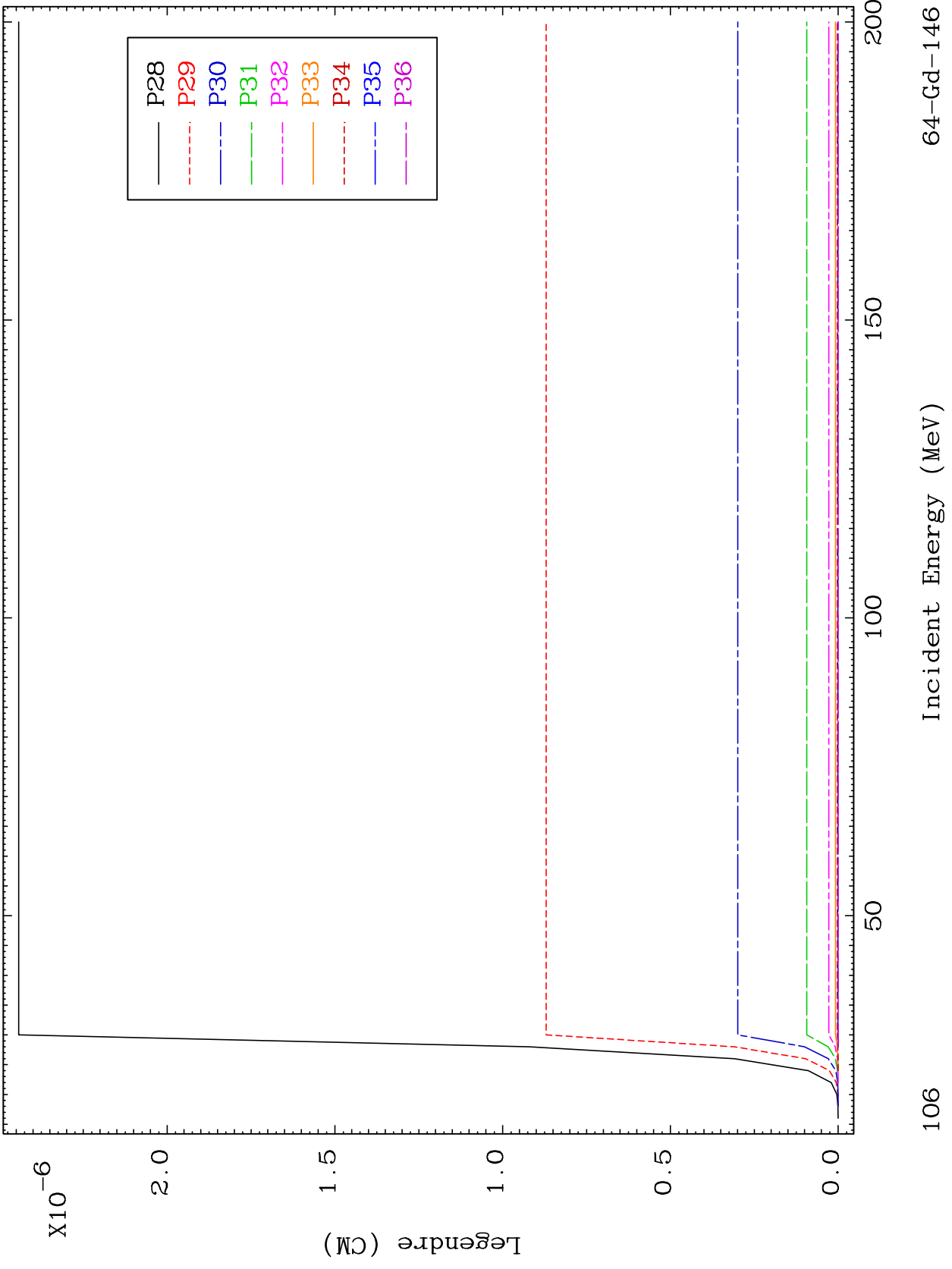
Incident Energy (MeV)

105

MAT 6407

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

64-Gd-146



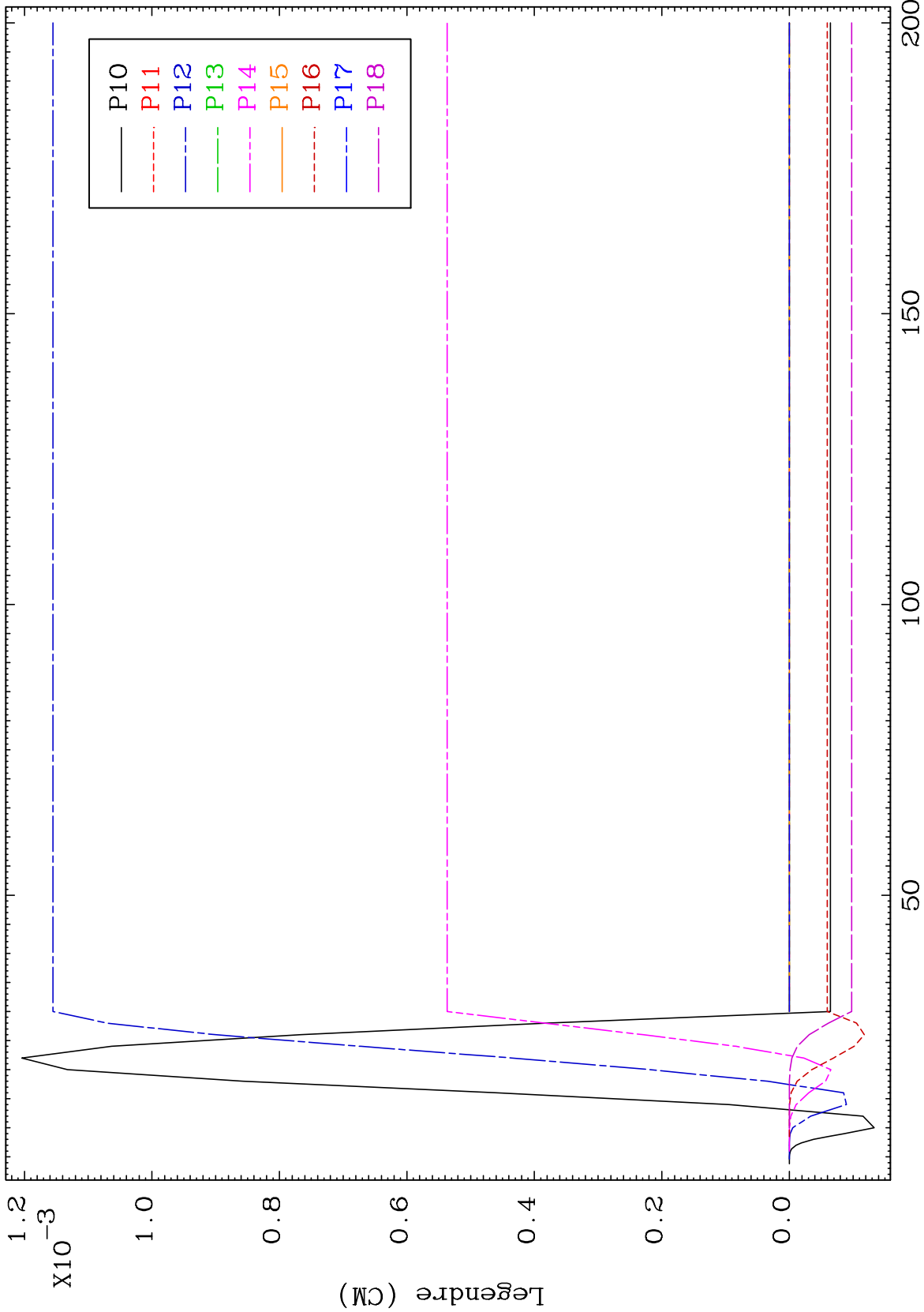
106

64-Gd-146

MAT 6407

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

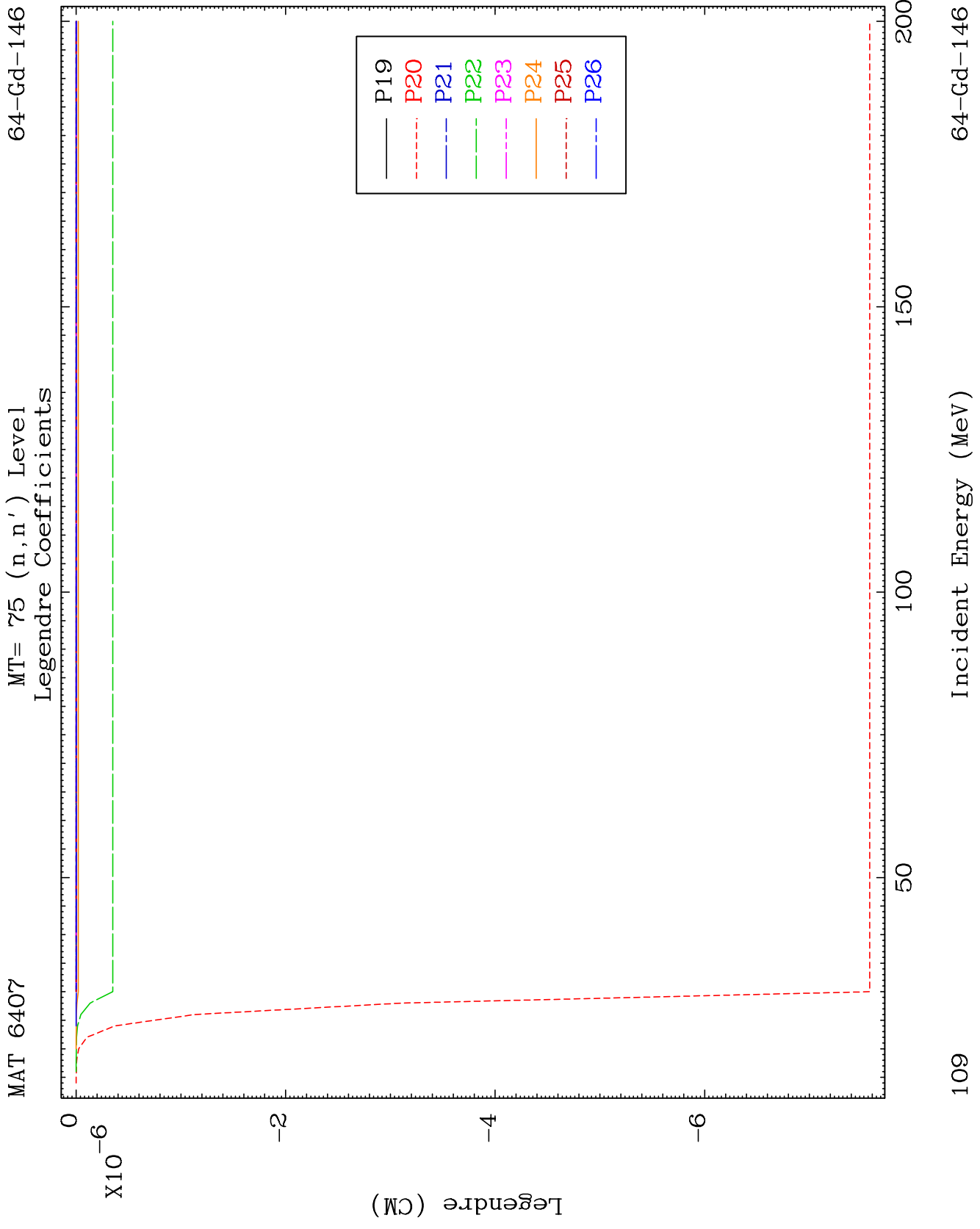
64-Gd-146



108

Incident Energy (MeV)

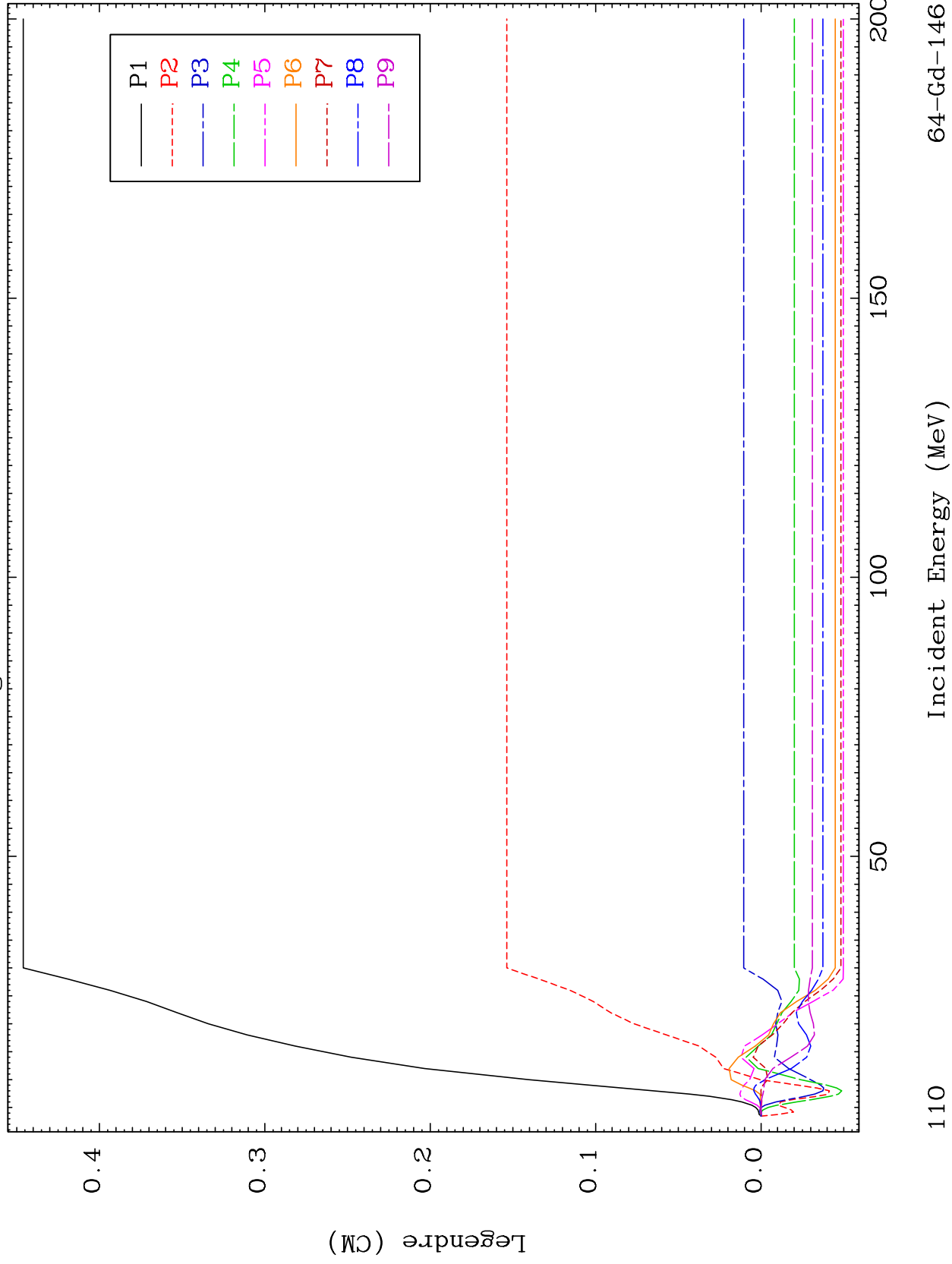
64-Gd-146



MAT 6407

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

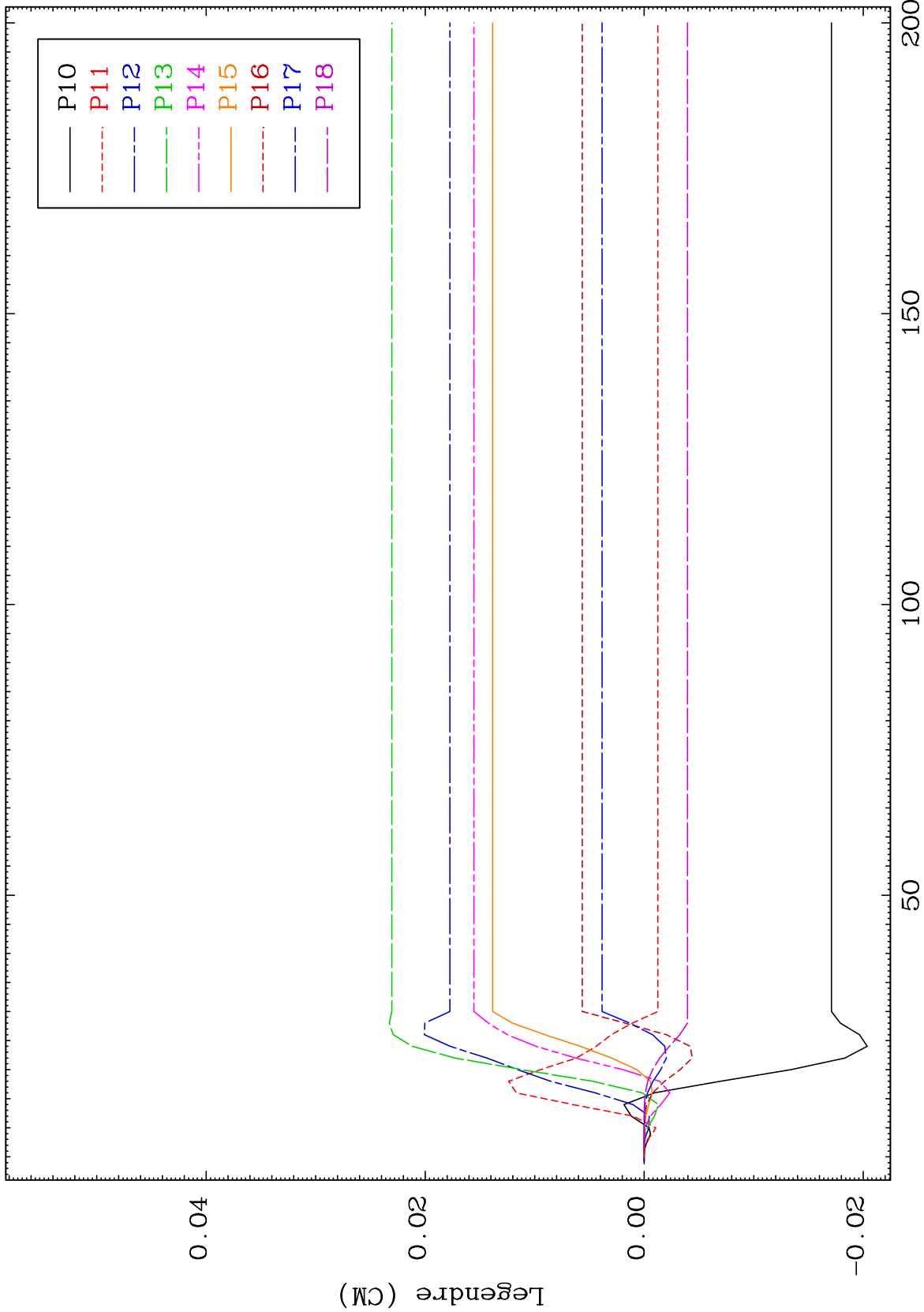
64-Gd-146



MAT 6407

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

64-Gd-146



111

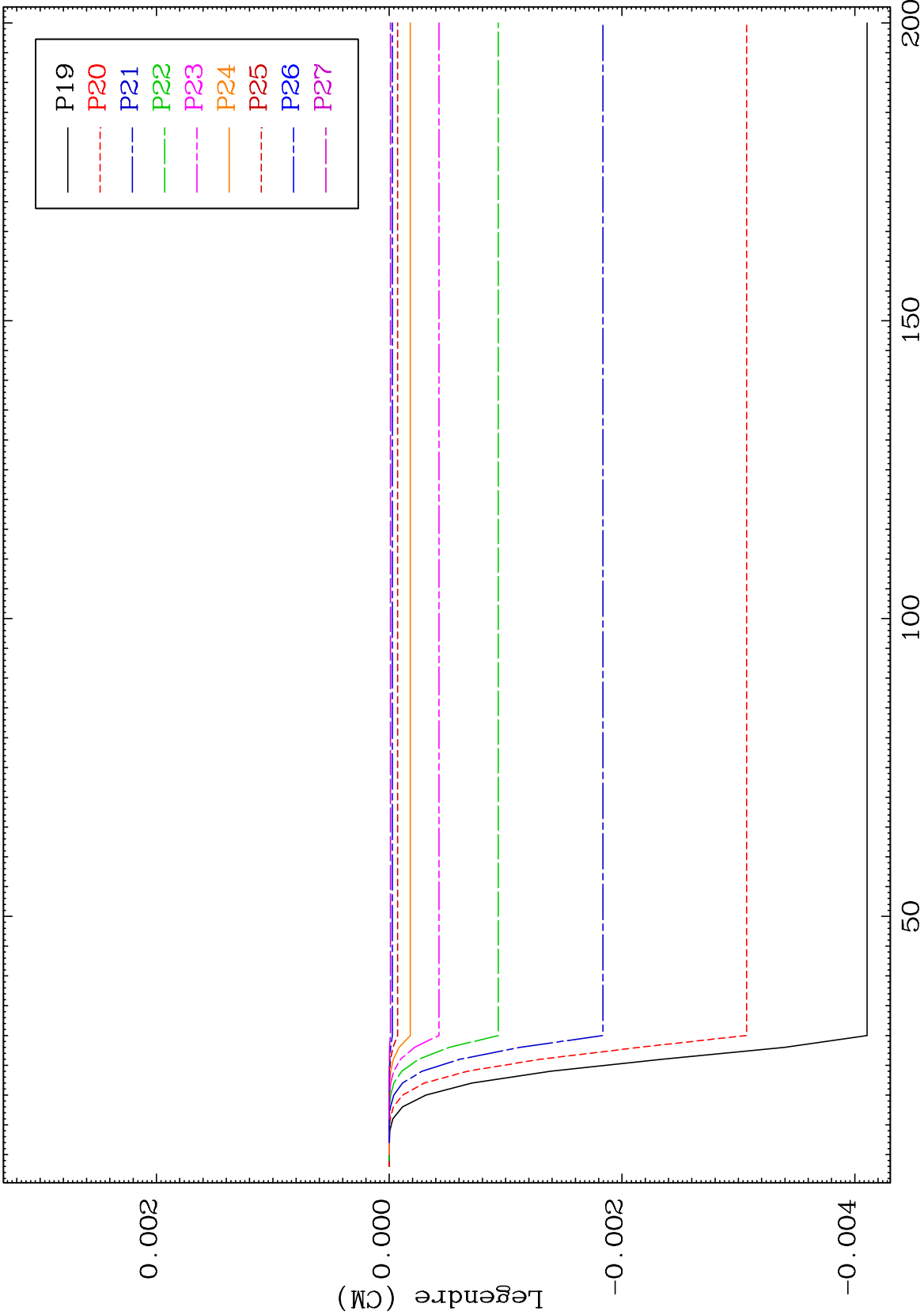
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



112

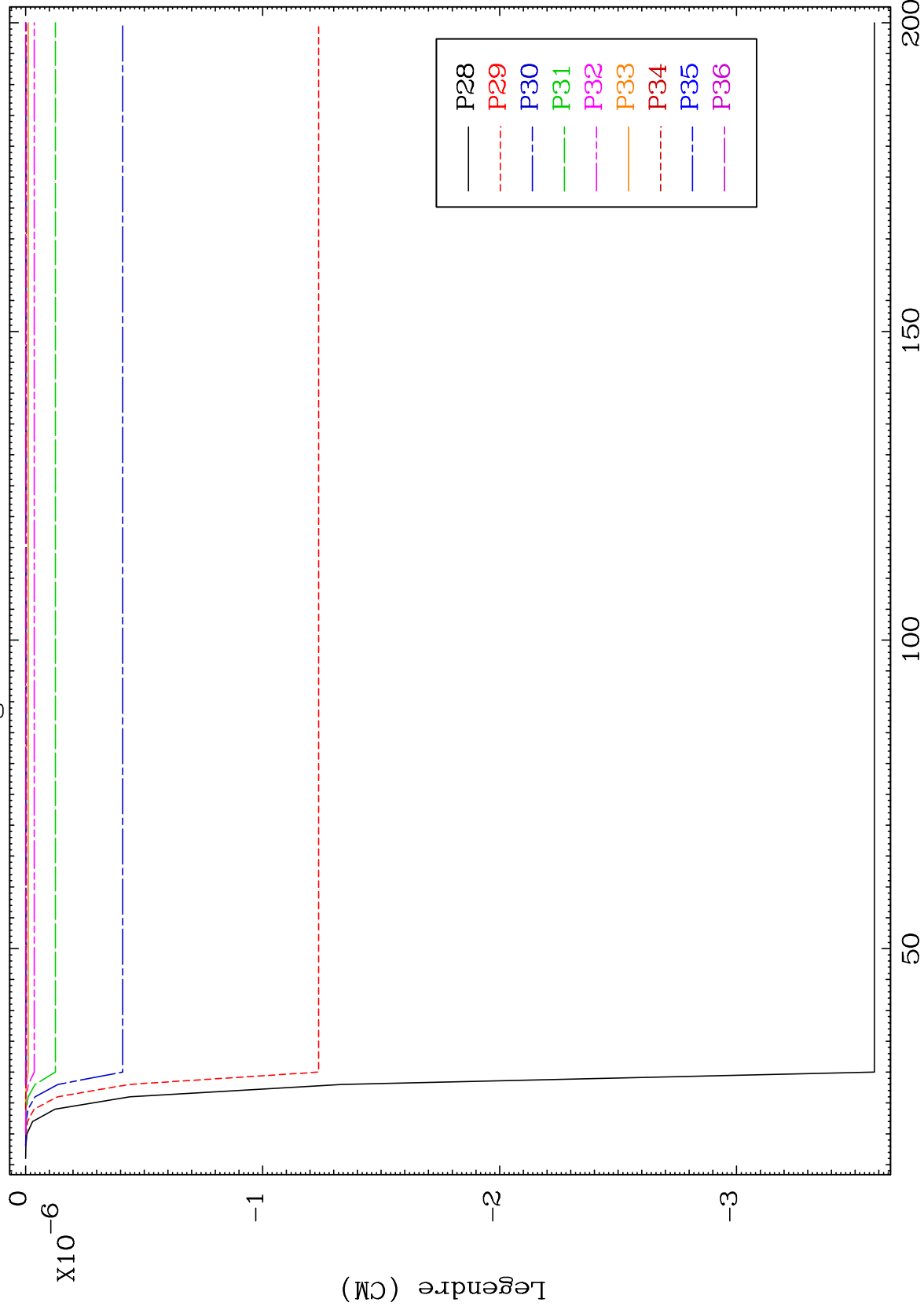
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



113

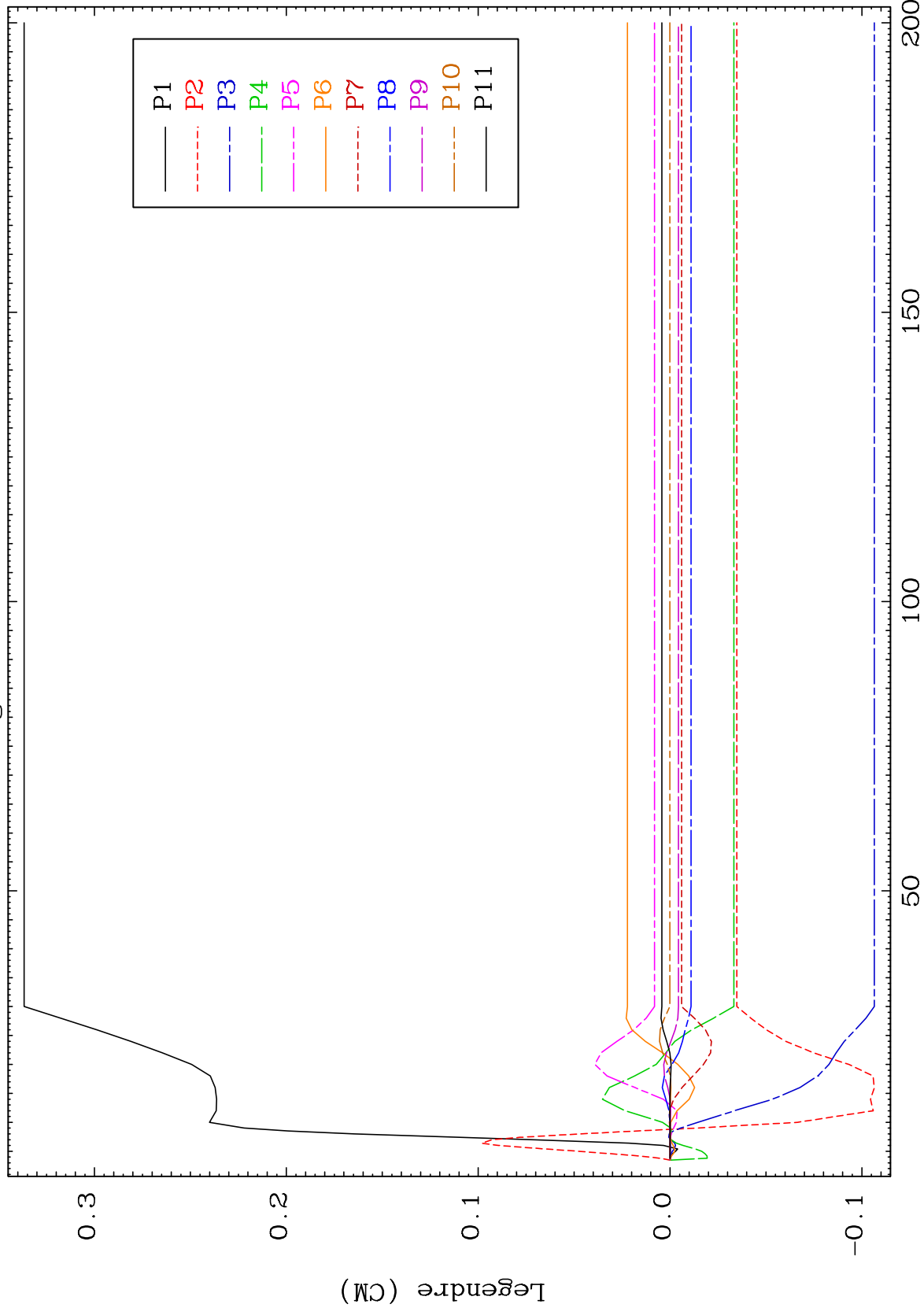
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



114

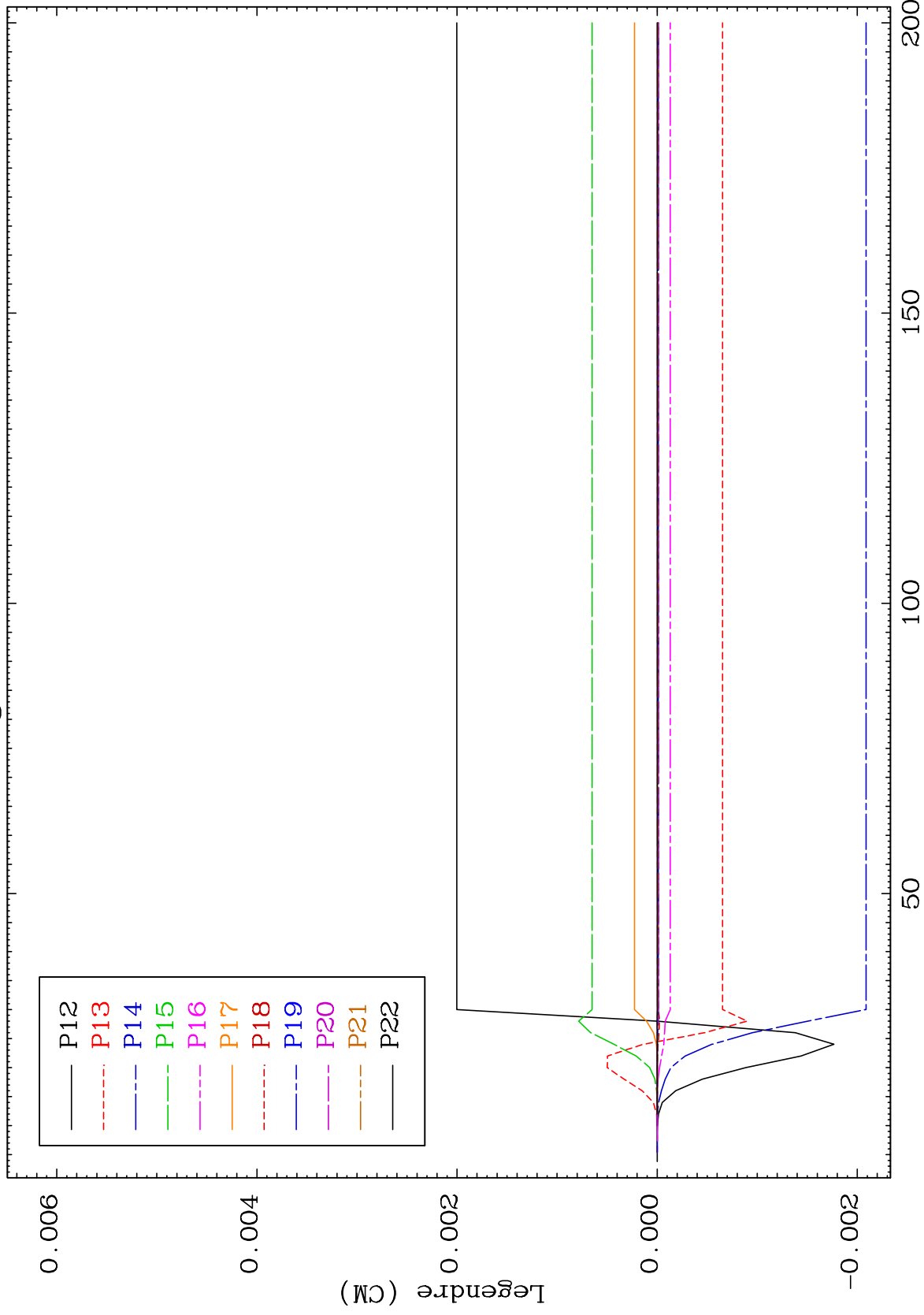
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



115

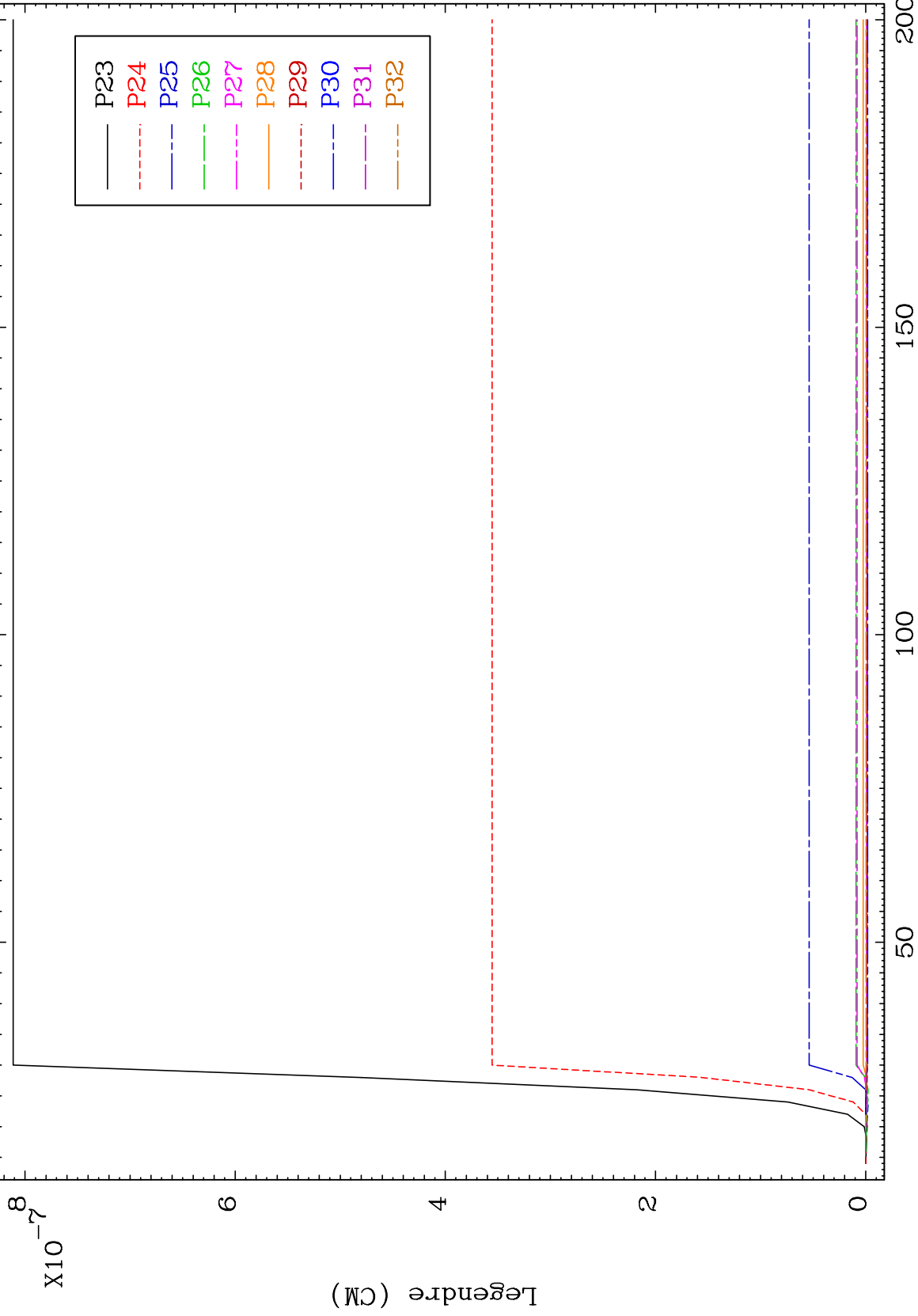
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



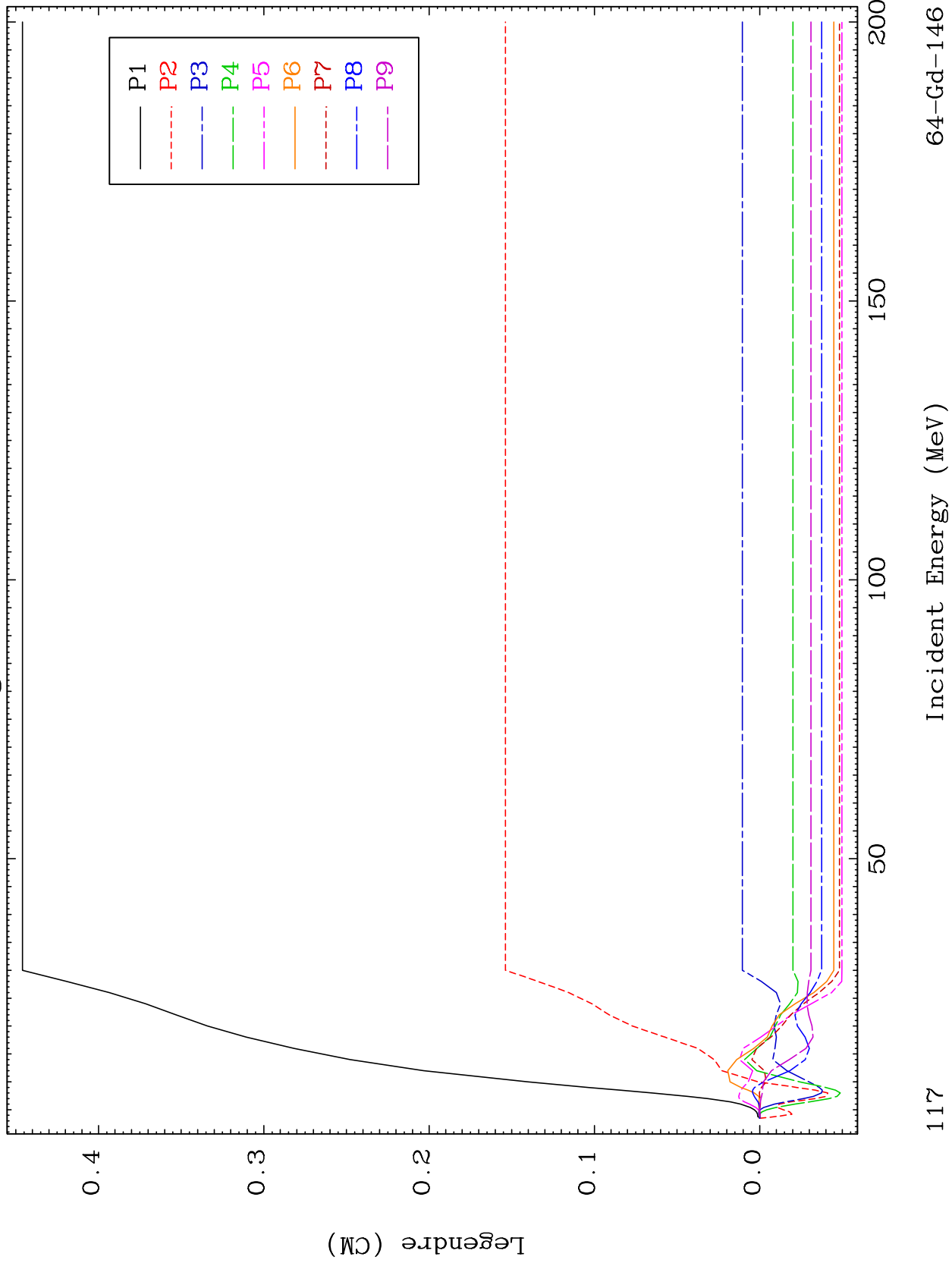
116

64-Gd-146

MAT 6407

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

64-Gd-146



117

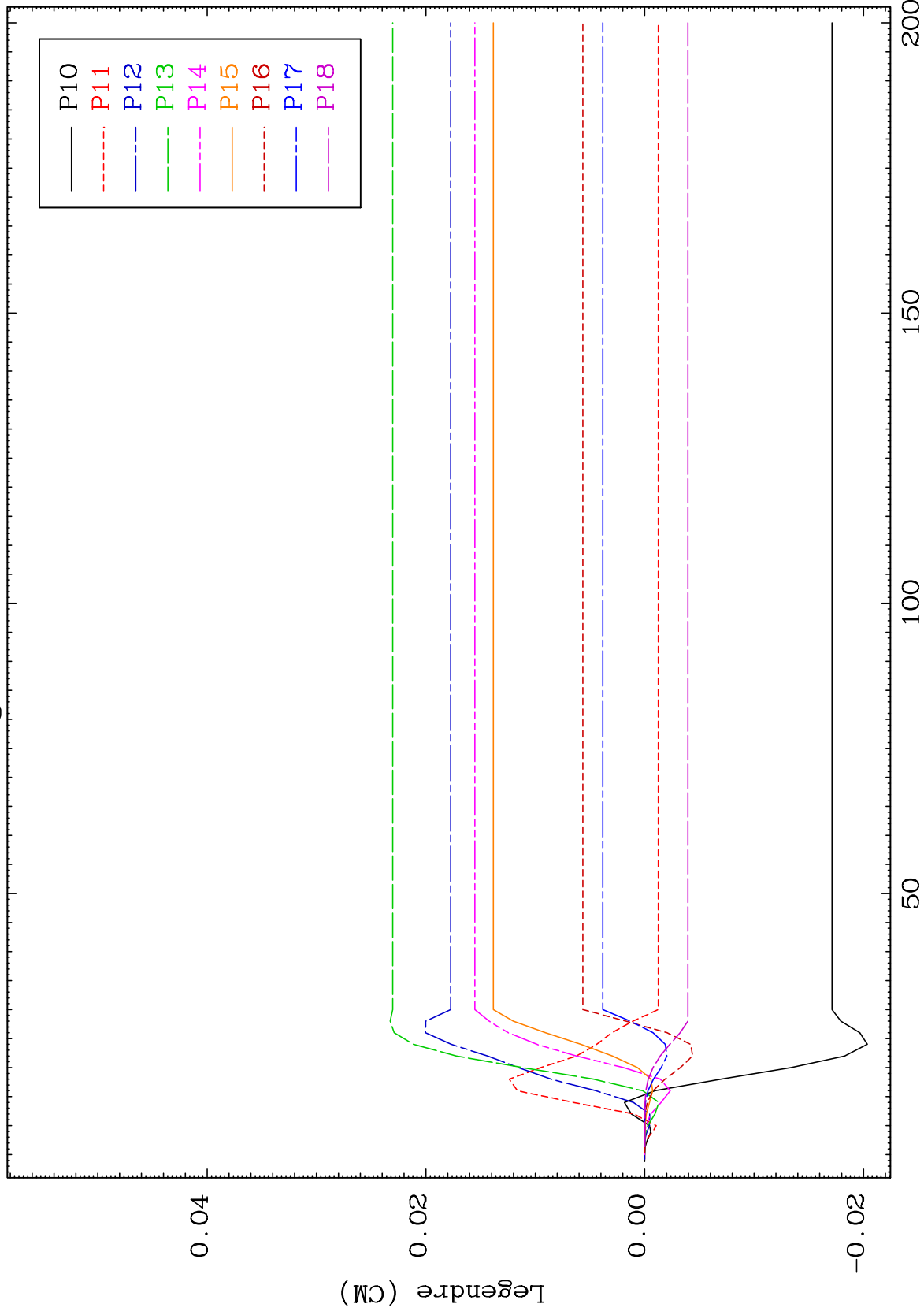
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



118

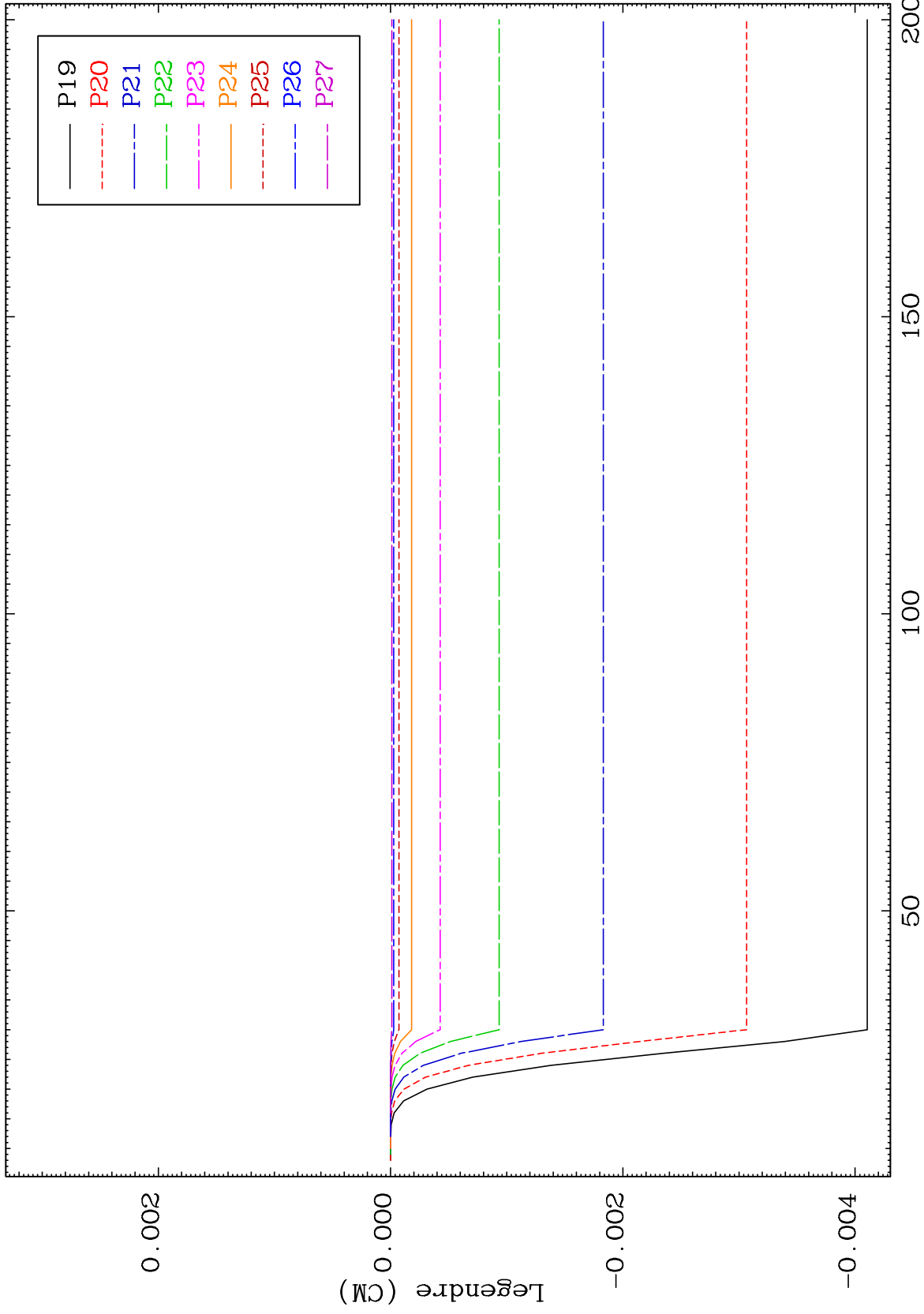
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

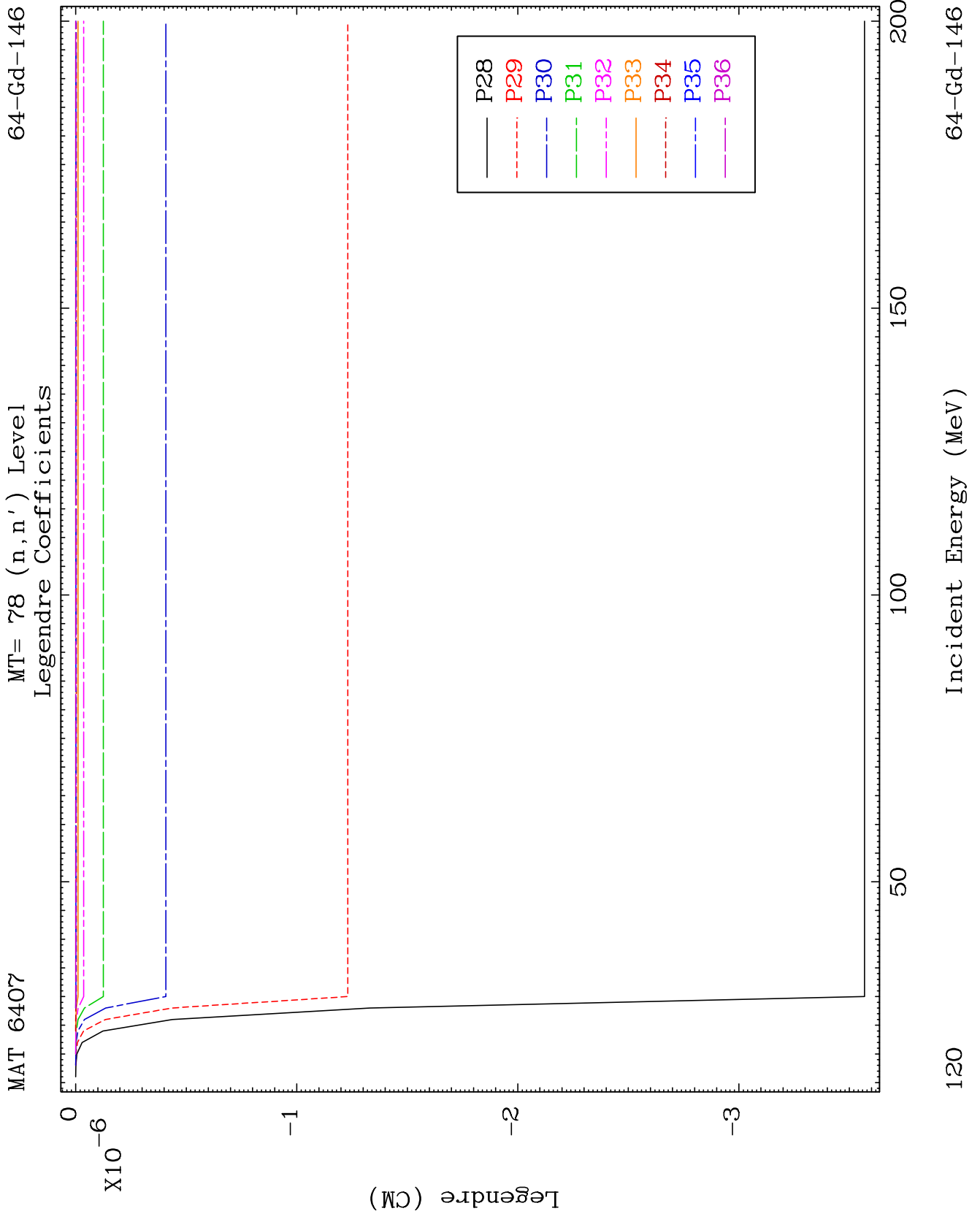
64-Gd-146



119

Incident Energy (MeV)

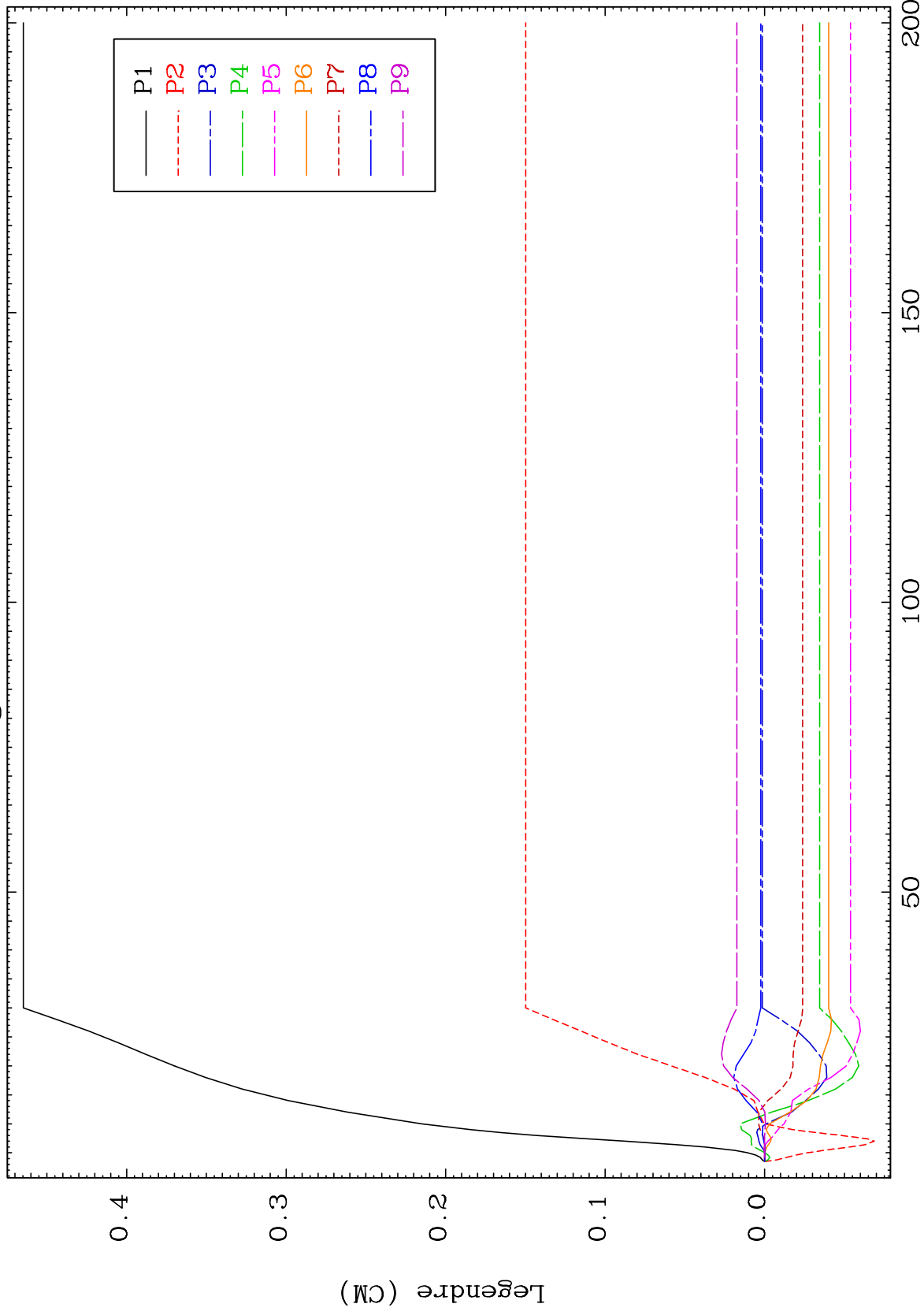
64-Gd-146



MAT 6407

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

64-Gd-146



121

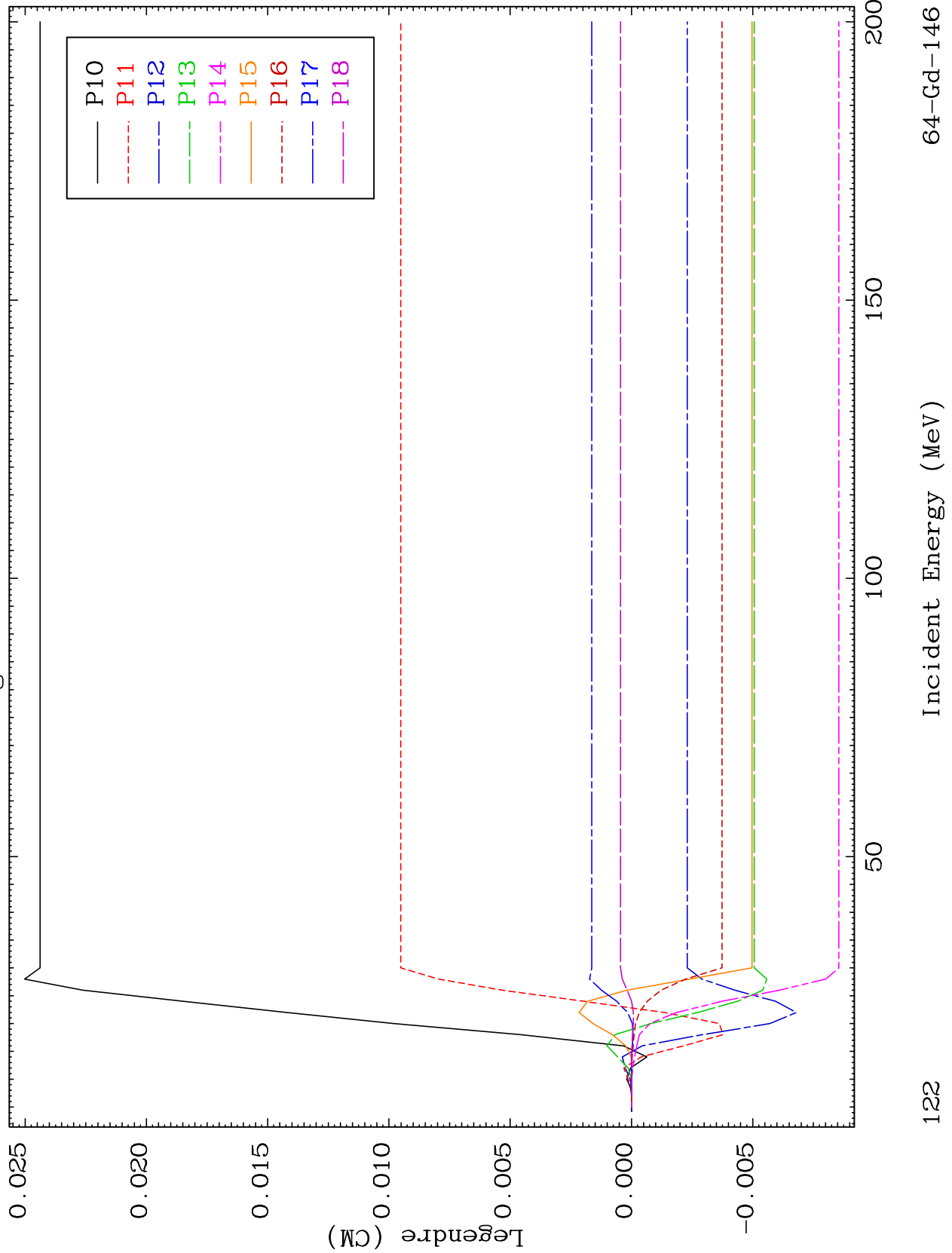
Incident Energy (MeV)

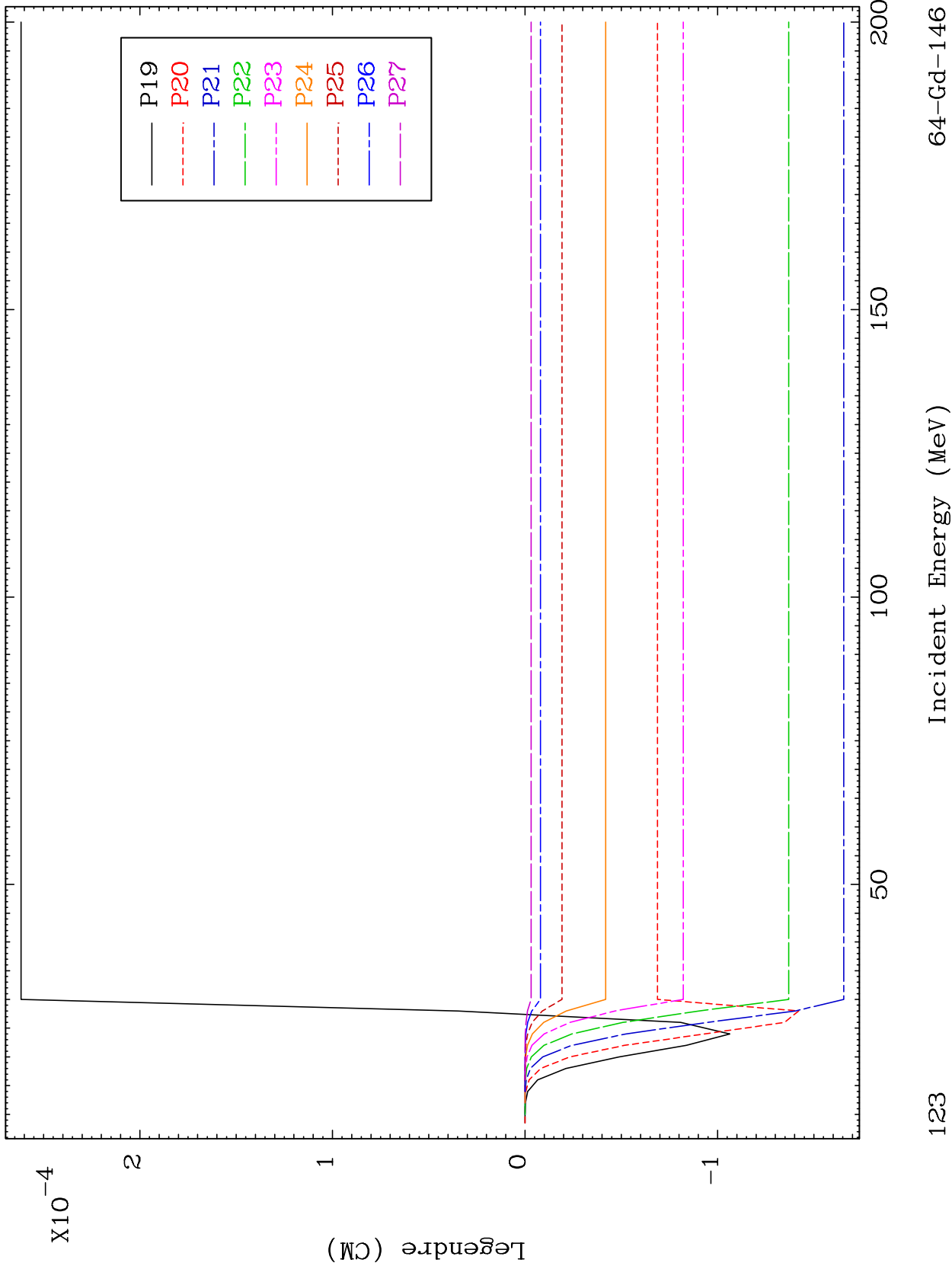
64-Gd-146

MAT 6407

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

64-Gd-146

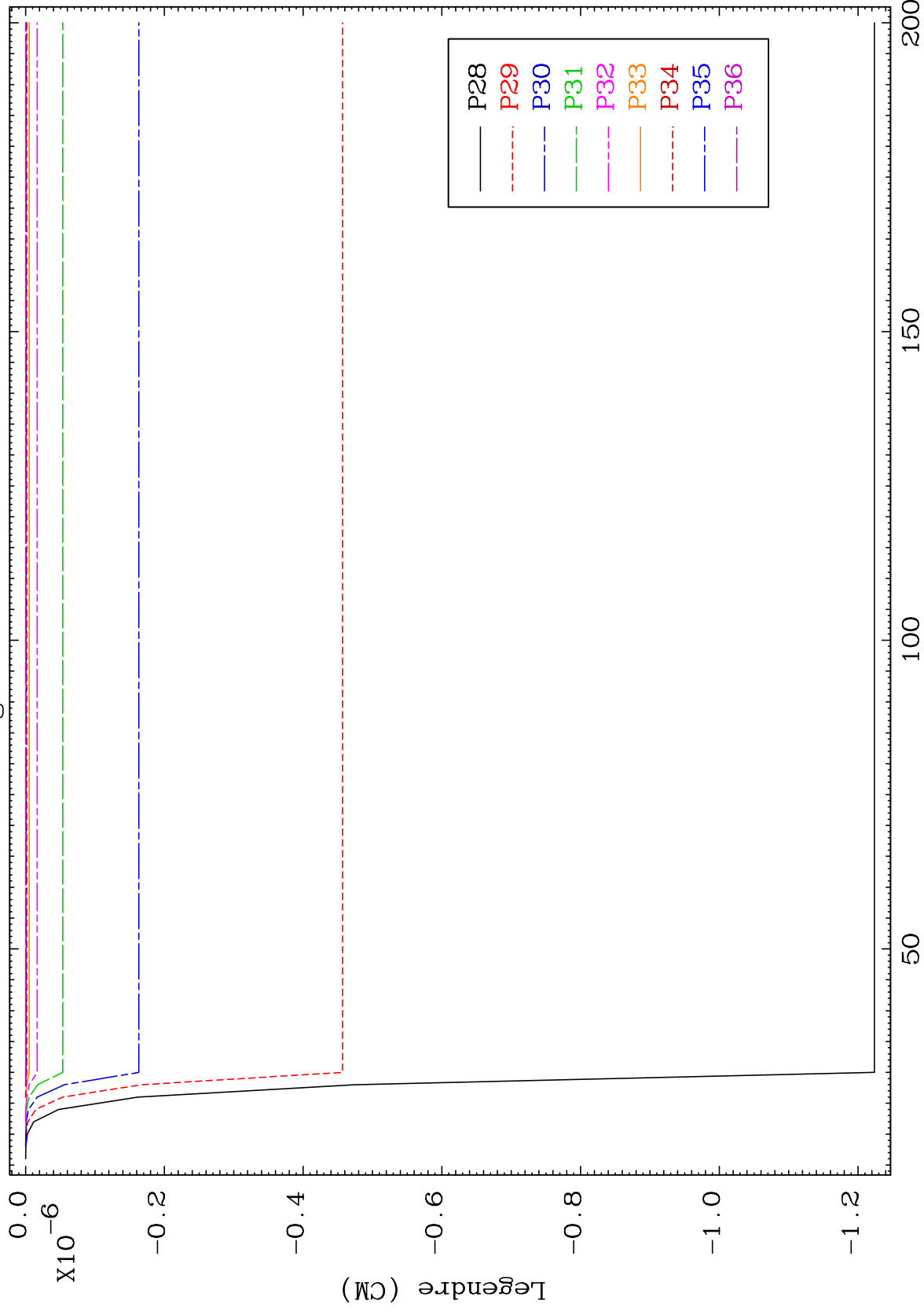




MAT 6407

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

64-Gd-146



124

Incident Energy (MeV)

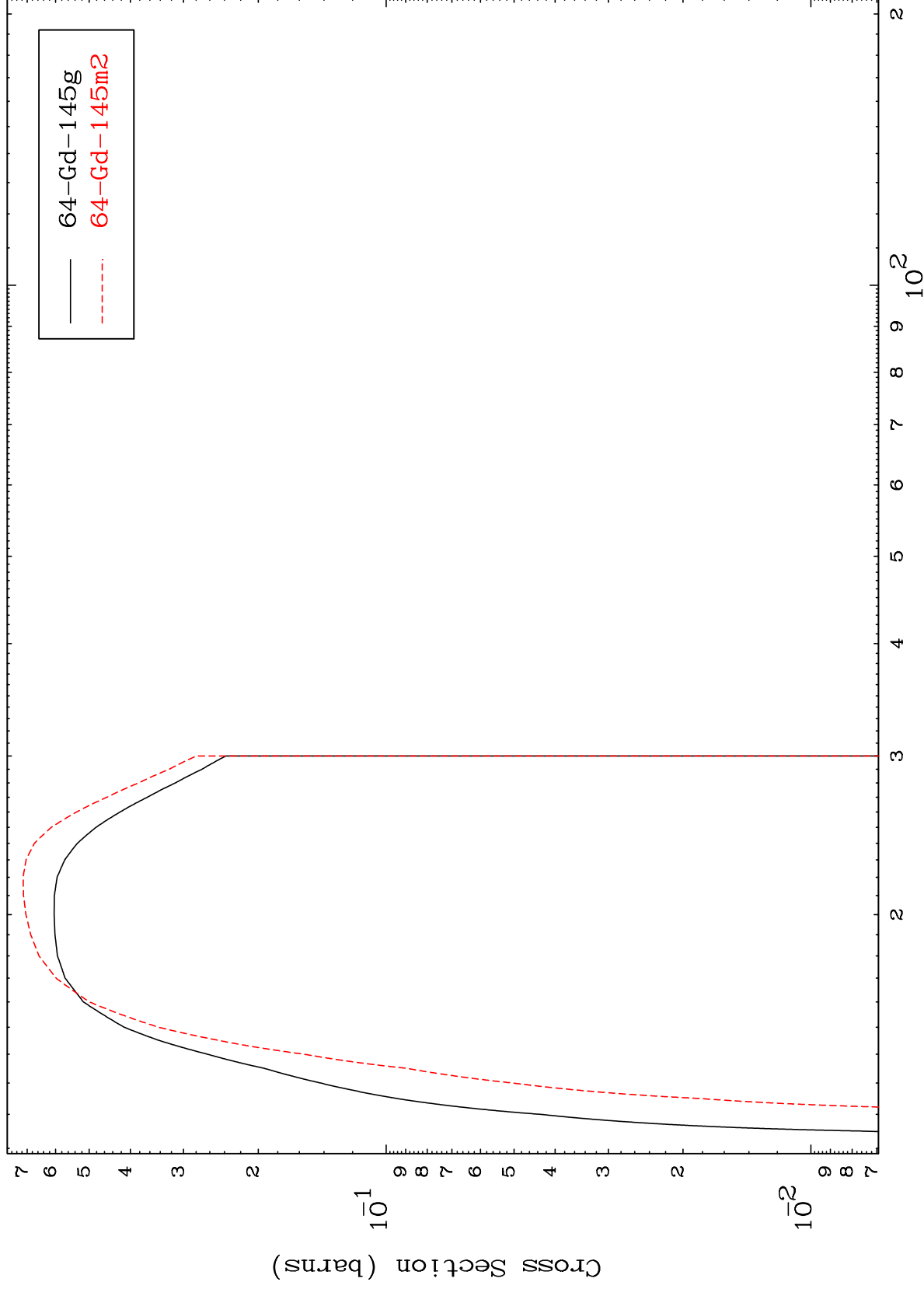
64-Gd-146

MAT 6407

(n,2n)

64-Gd-146

Radionuclide Production Cross Section



125

Incident Energy (MeV)

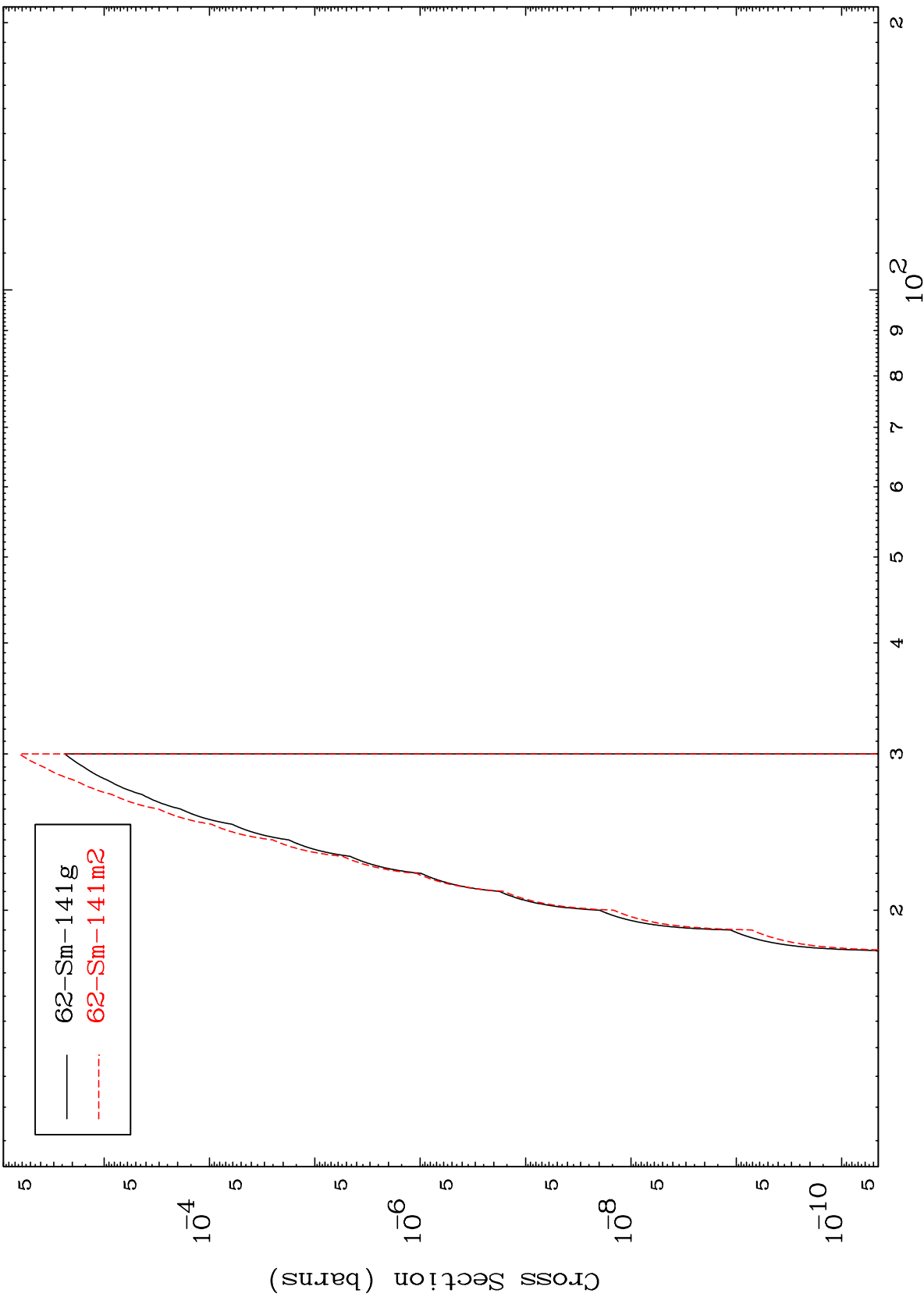
64-Gd-146

MAT 6407

(n,2n) α

64-Gd-146

Radionuclide Production Cross Section



126

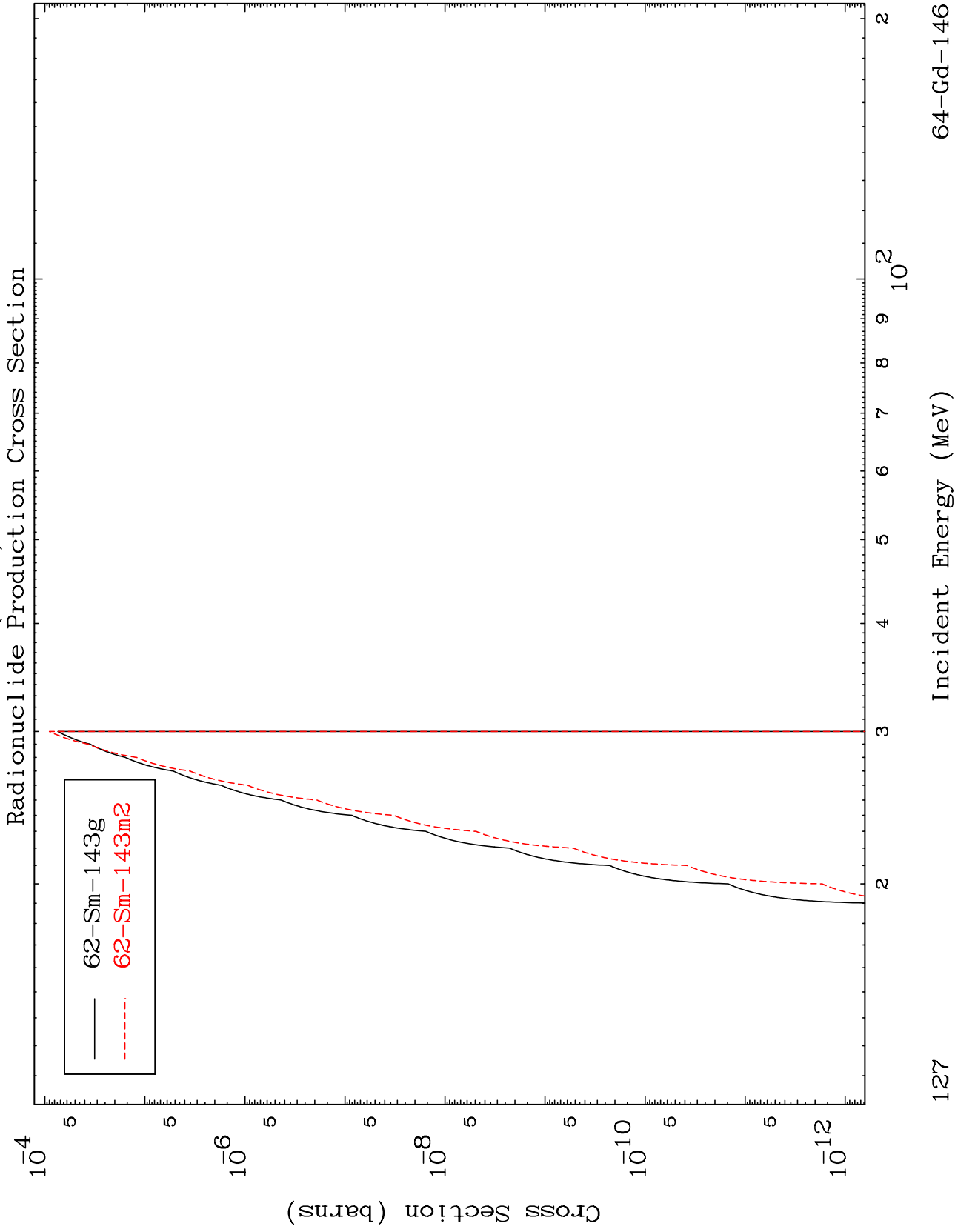
Incident Energy (MeV)

64-Gd-146

MAT 6407

(n,n') He-3

64-Gd-146



127

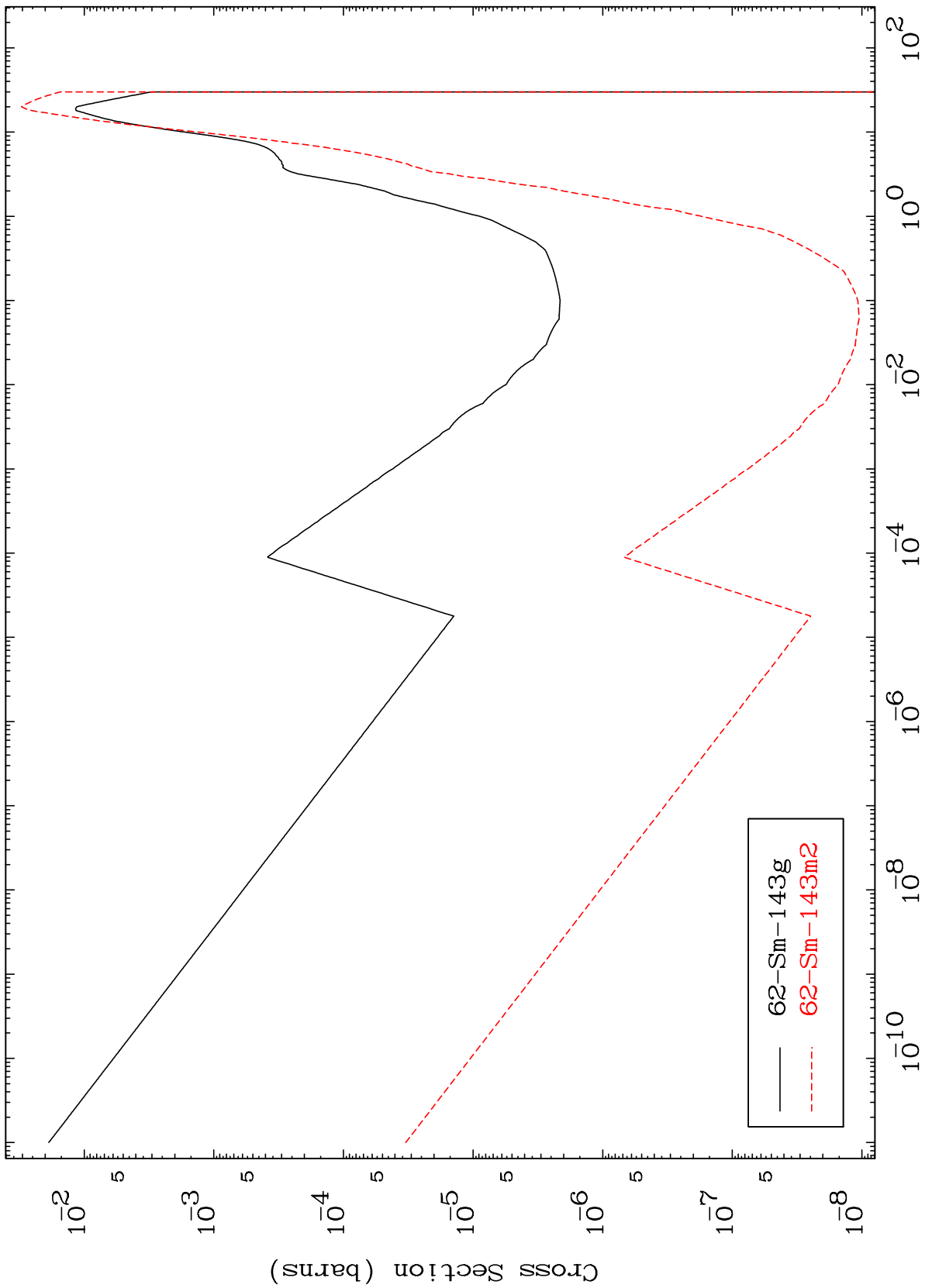
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

Radionuclide Production Cross Section
(n, α)

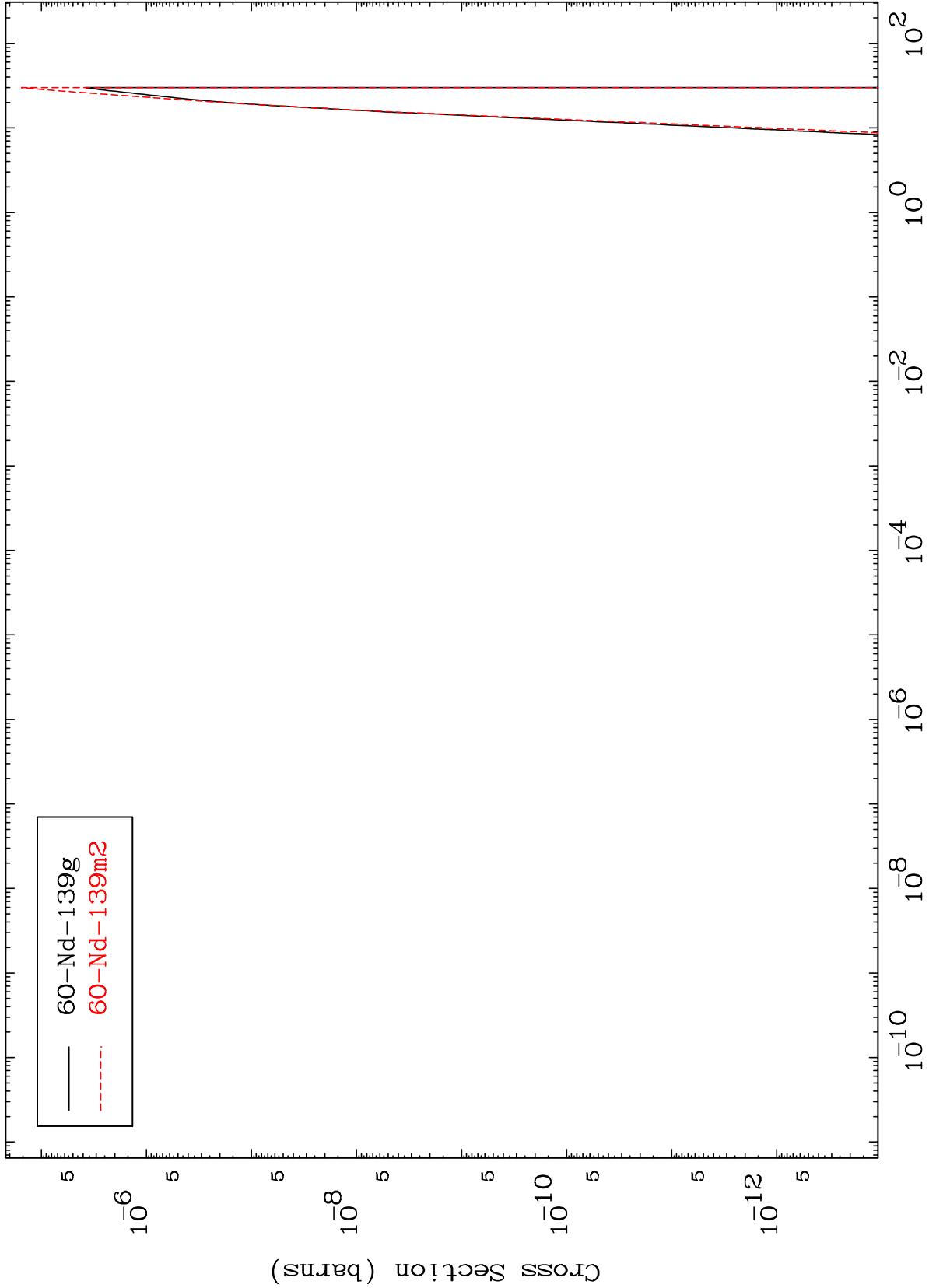


MAT 6407

(n,2α)

64-Gd-146

Radionuclide Production Cross Section



MAT 6407

(n,p) t

64-Gd-146

