

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

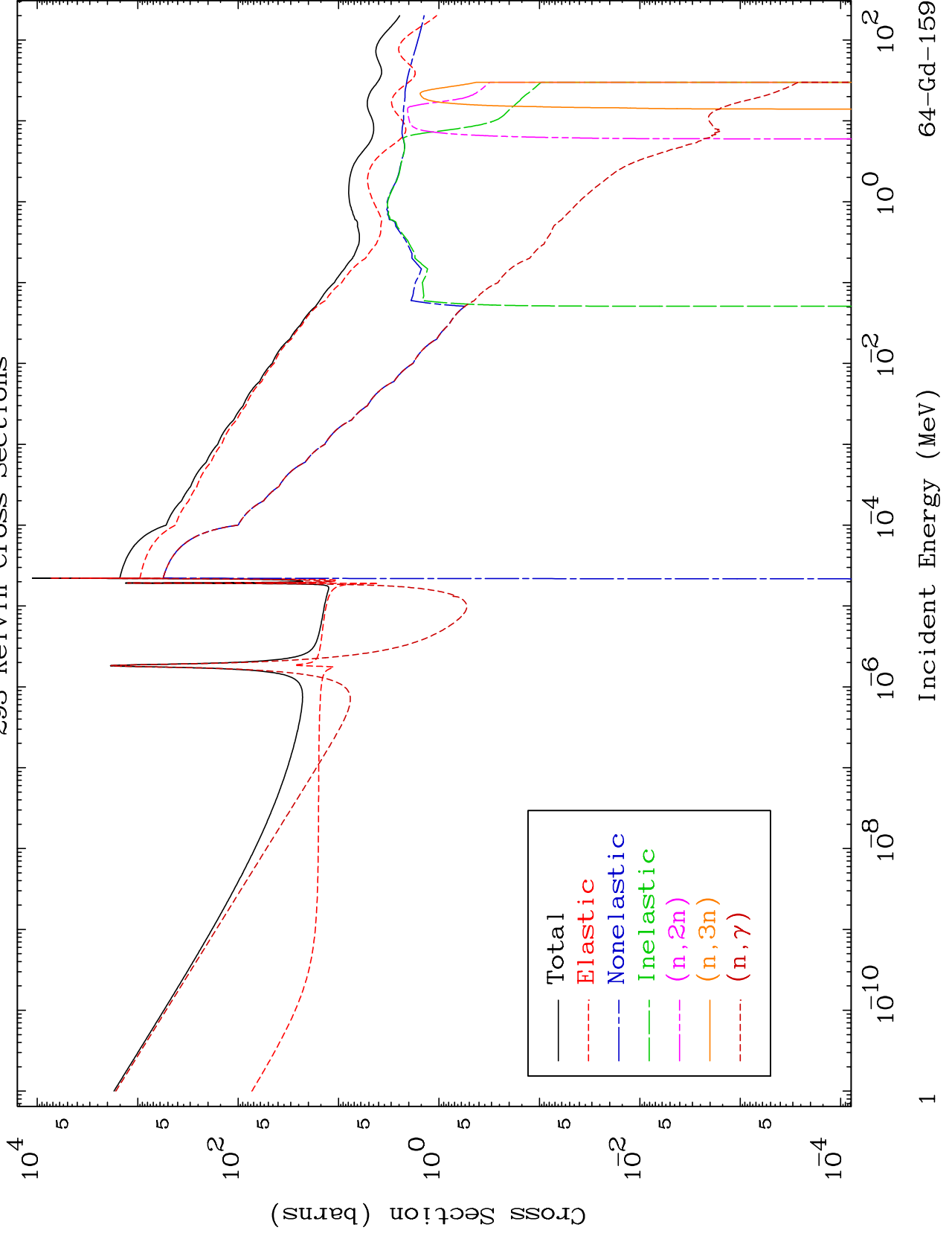
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6446

Neutron Major
293 Kelvin Cross Sections

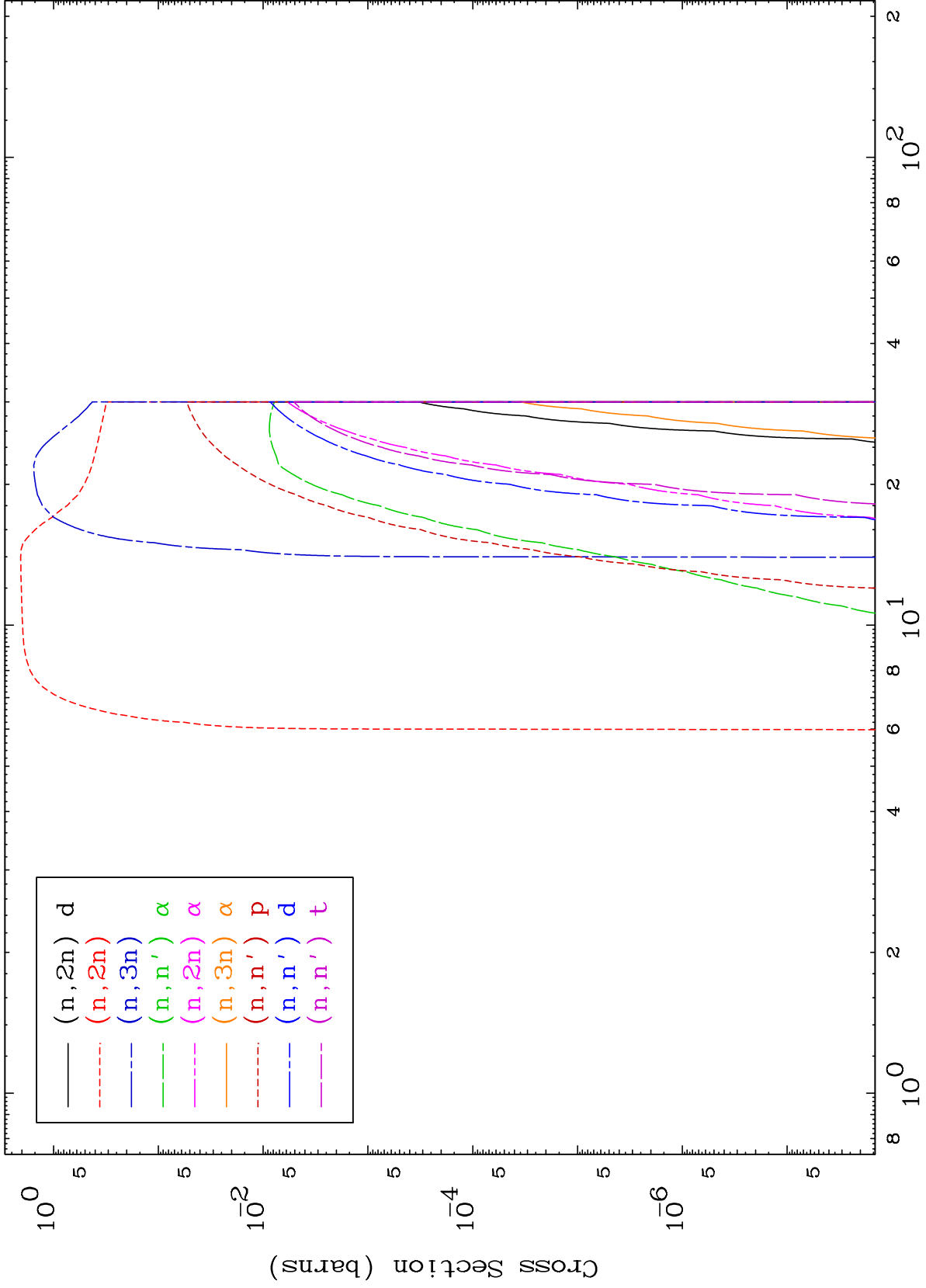
64-Gd-159



MAT 6446

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-159



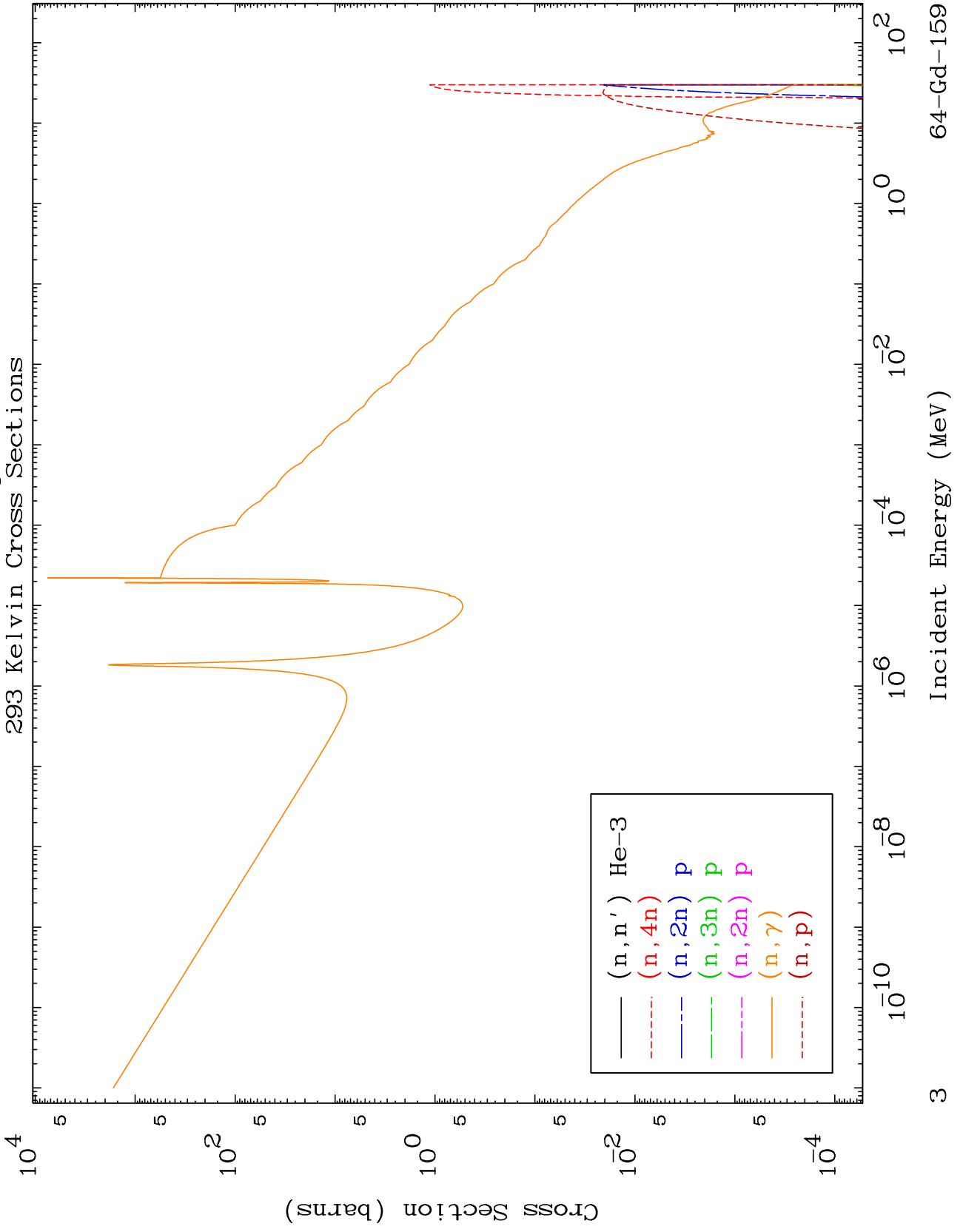
Incident Energy (MeV)

64-Gd-159

MAT 6446

Neutron Absorption
293 Kelvin Cross Sections

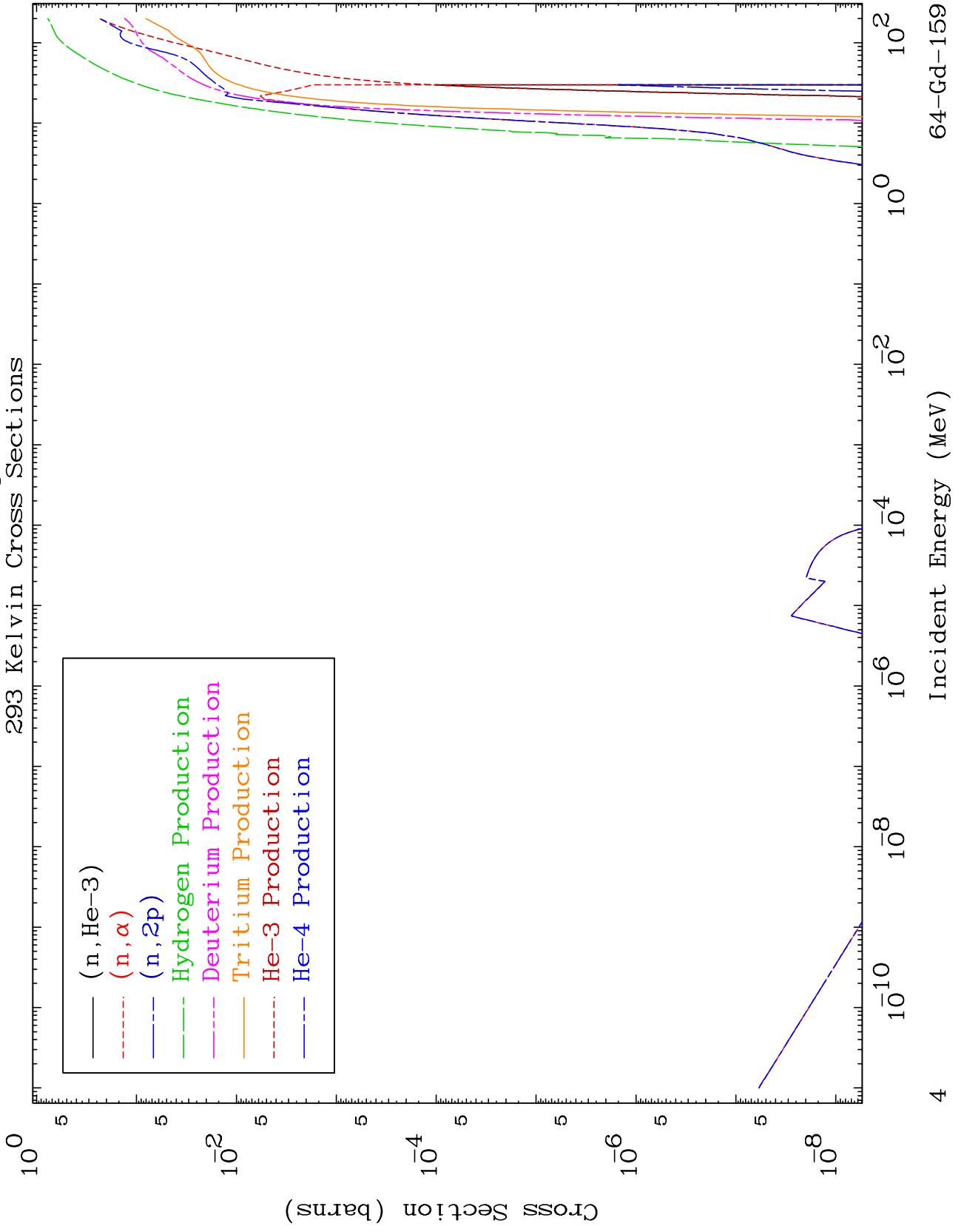
64-Gd-159



MAT 6446

Neutron Absorption
293 Kelvin Cross Sections

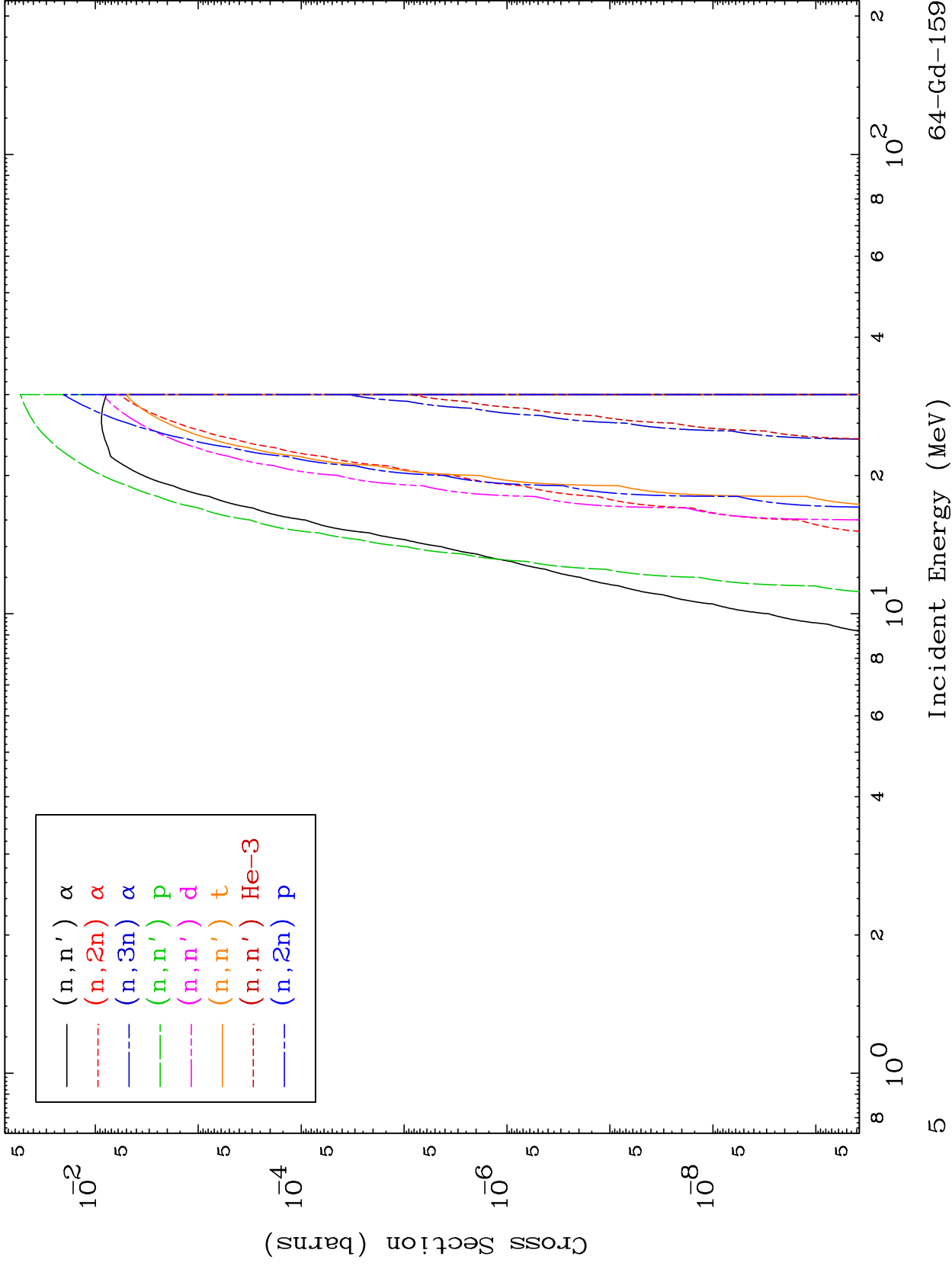
64-Gd-159



MAT 6446

Charged Particle
293 Kelvin Cross Sections

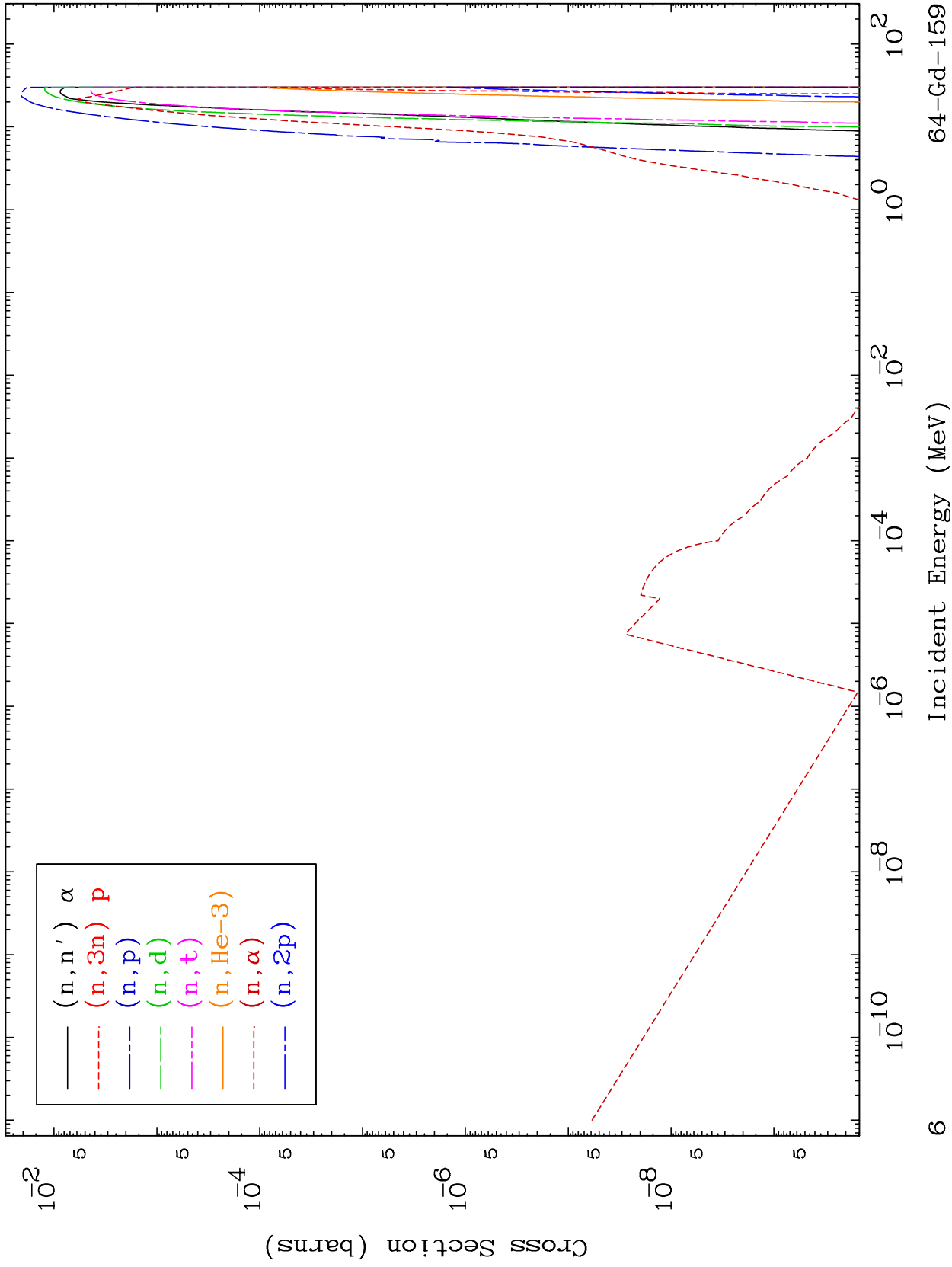
64-Gd-159



MAT 6446

Charged Particle
293 Kelvin Cross Sections

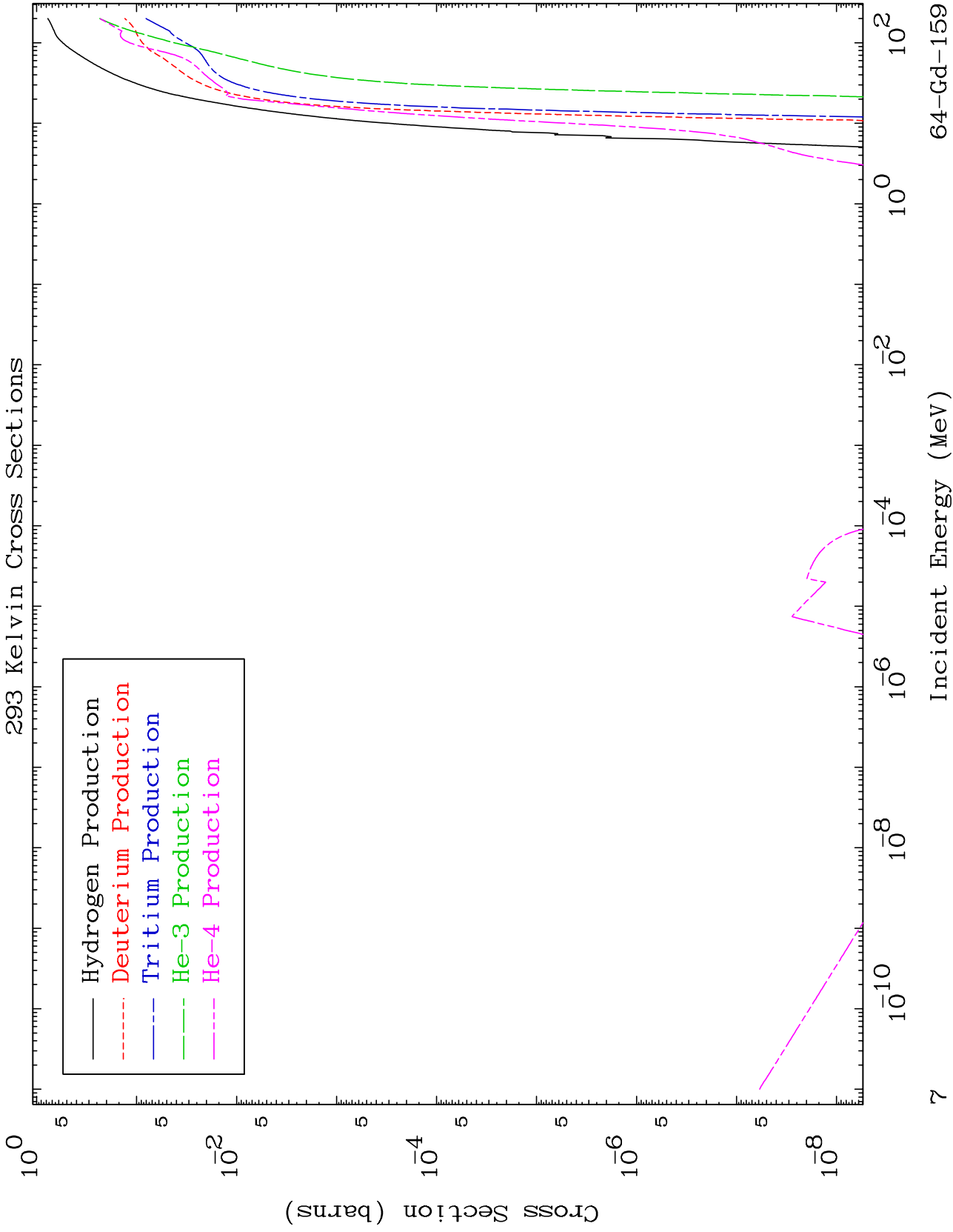
64-Gd-159



MAT 6446

Particle Production
293 Kelvin Cross Sections

64-Gd-159

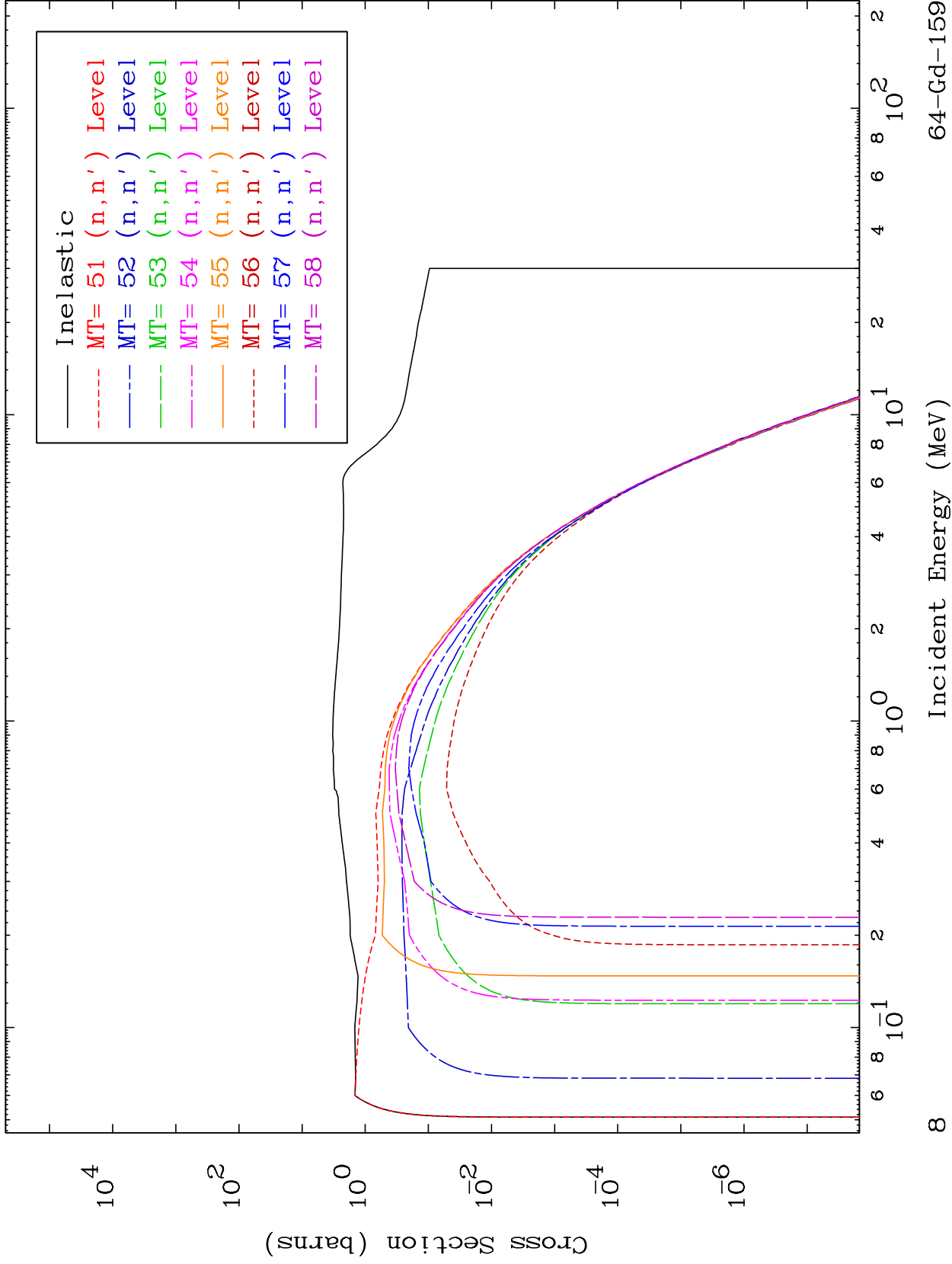


MAT 6446

(n,n') Levels

64-Gd-159

293 Kelvin Cross Sections



8

Incident Energy (MeV)

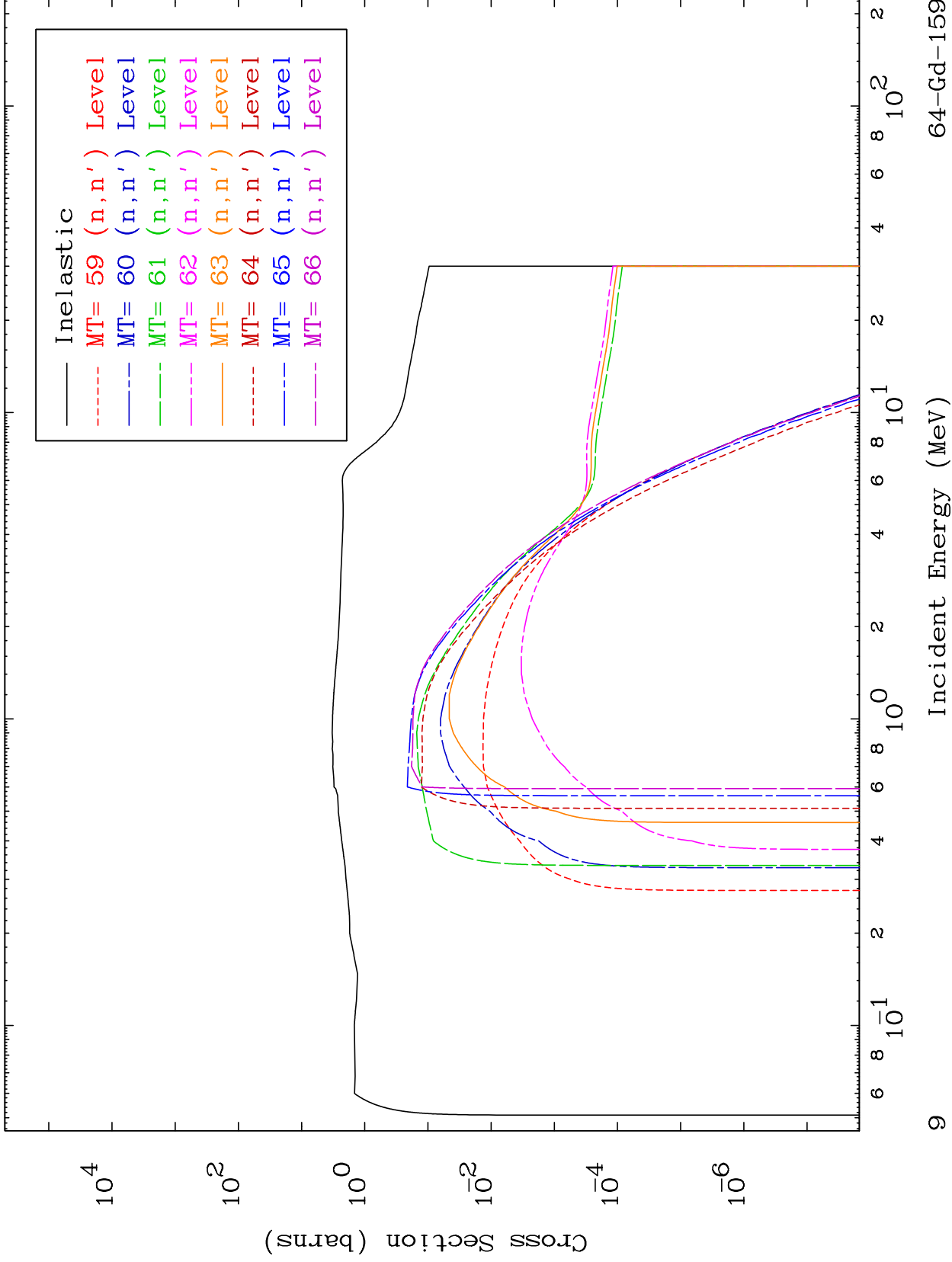
64-Gd-159

MAT 6446

(n,n') Levels

64-Gd-159

293 Kelvin Cross Sections

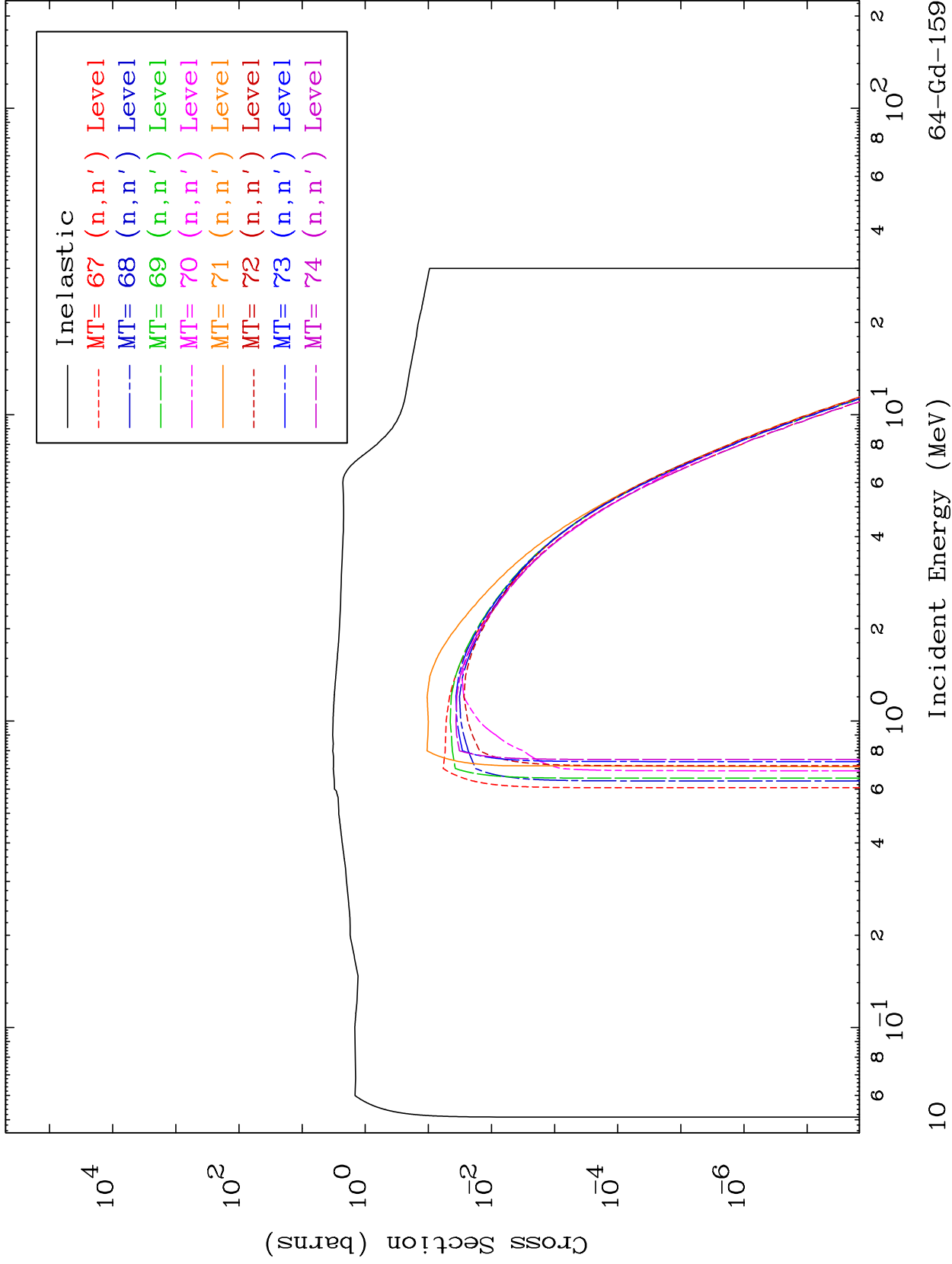


MAT 6446

(n,n') Levels

64-Gd-159

293 Kelvin Cross Sections



10

Incident Energy (MeV)

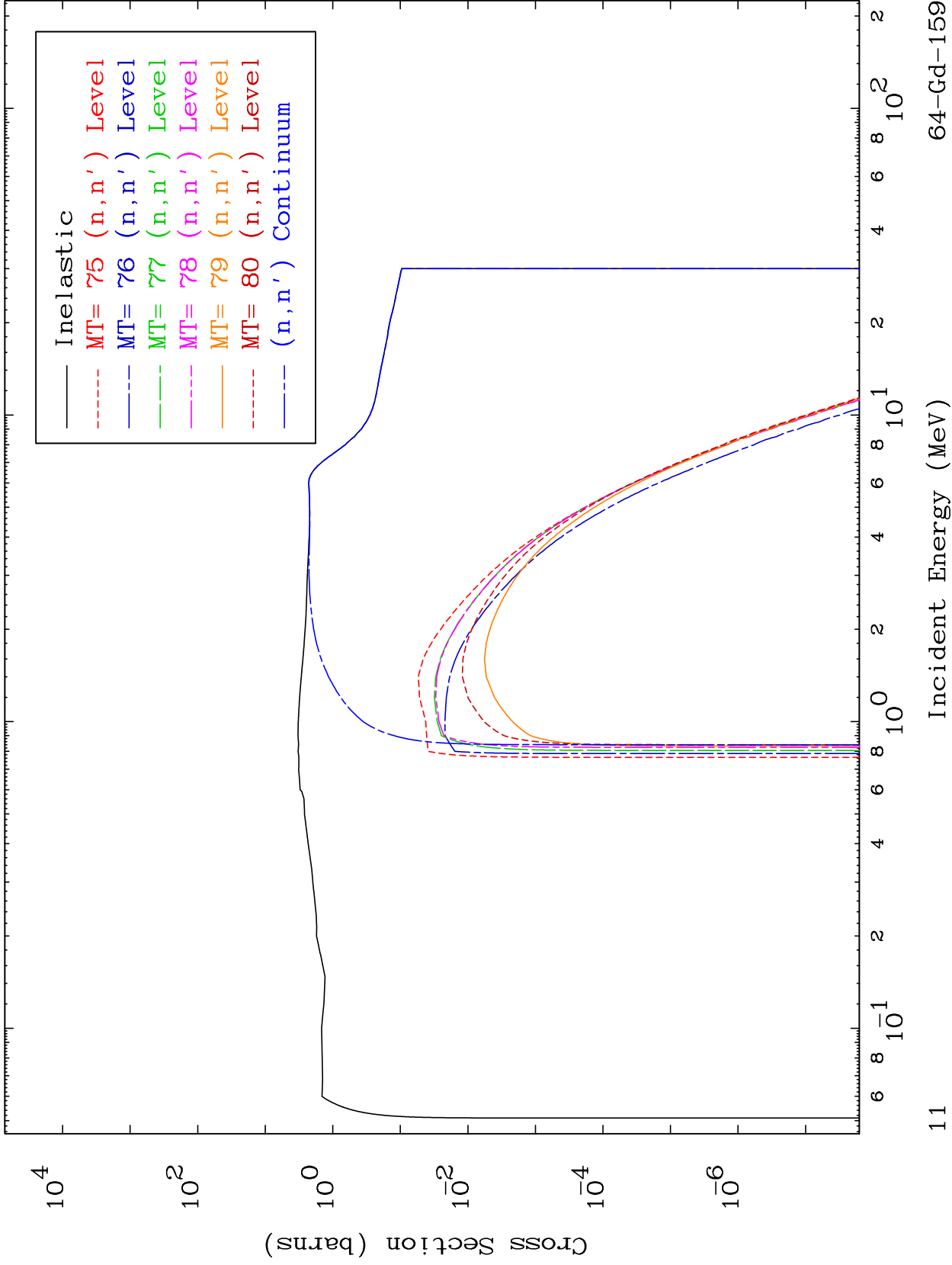
64-Gd-159

MAT 6446

(n,n') Levels

64-Gd-159

293 Kelvin Cross Sections



11

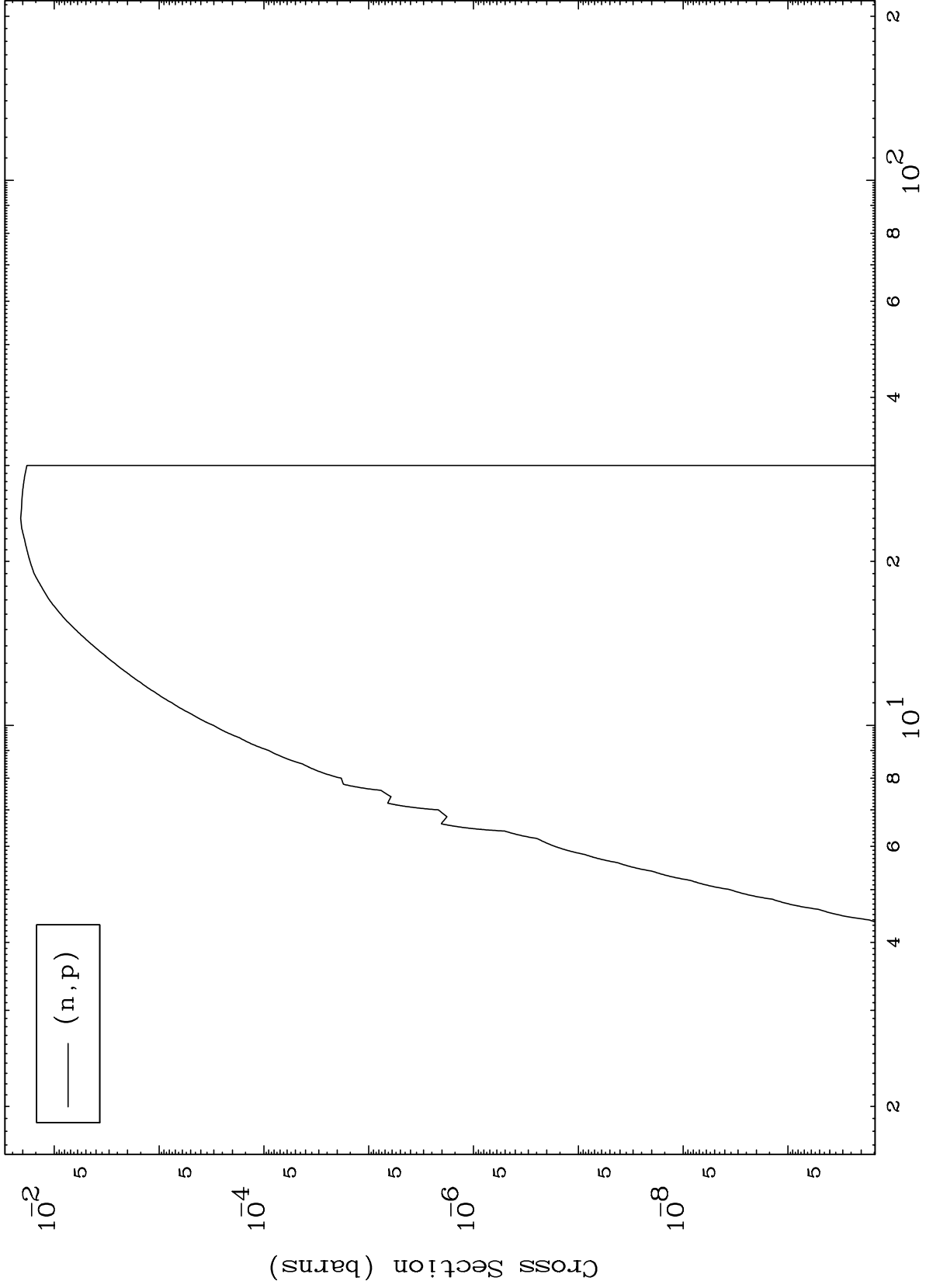
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-159



12

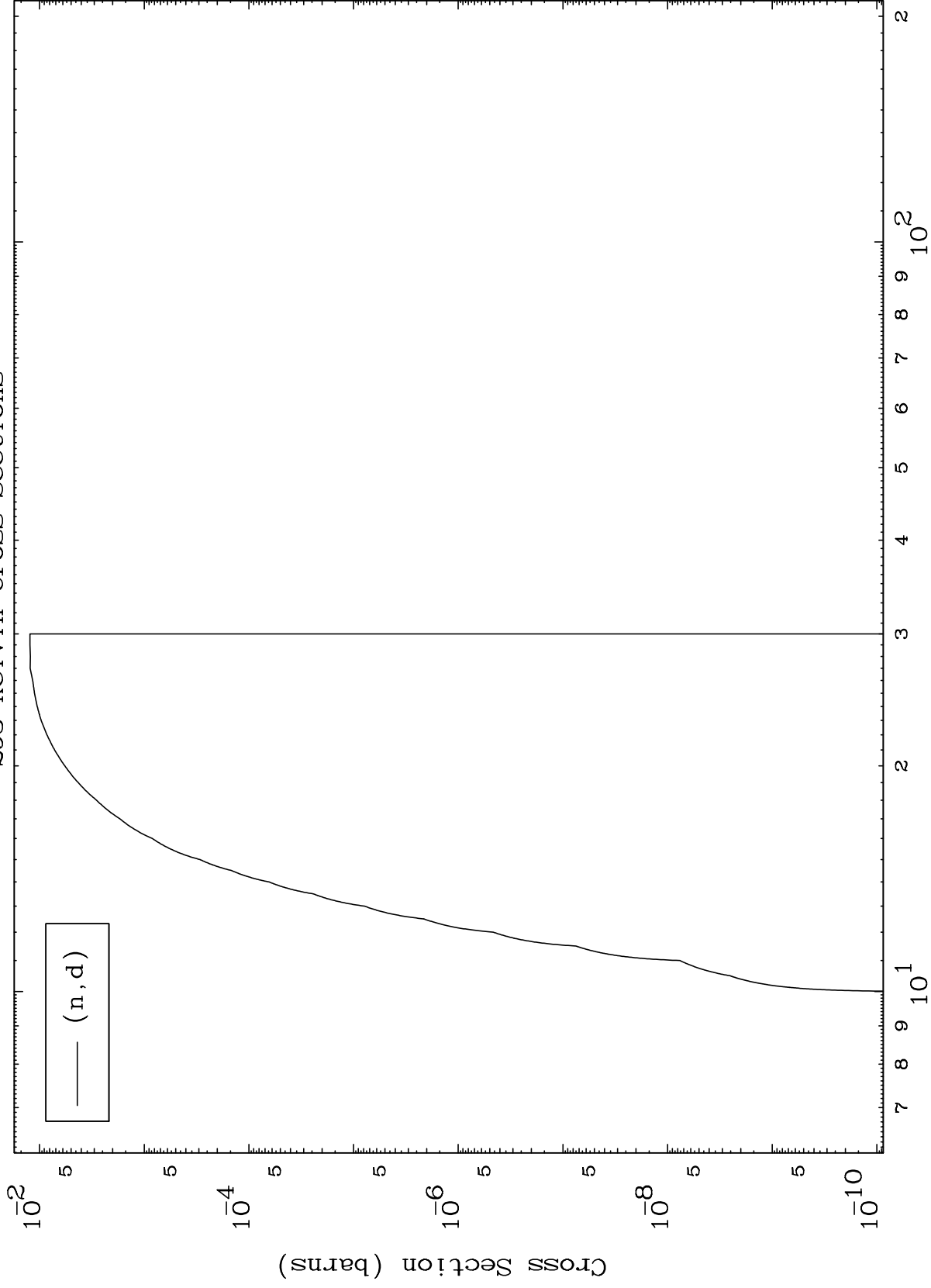
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-159



13

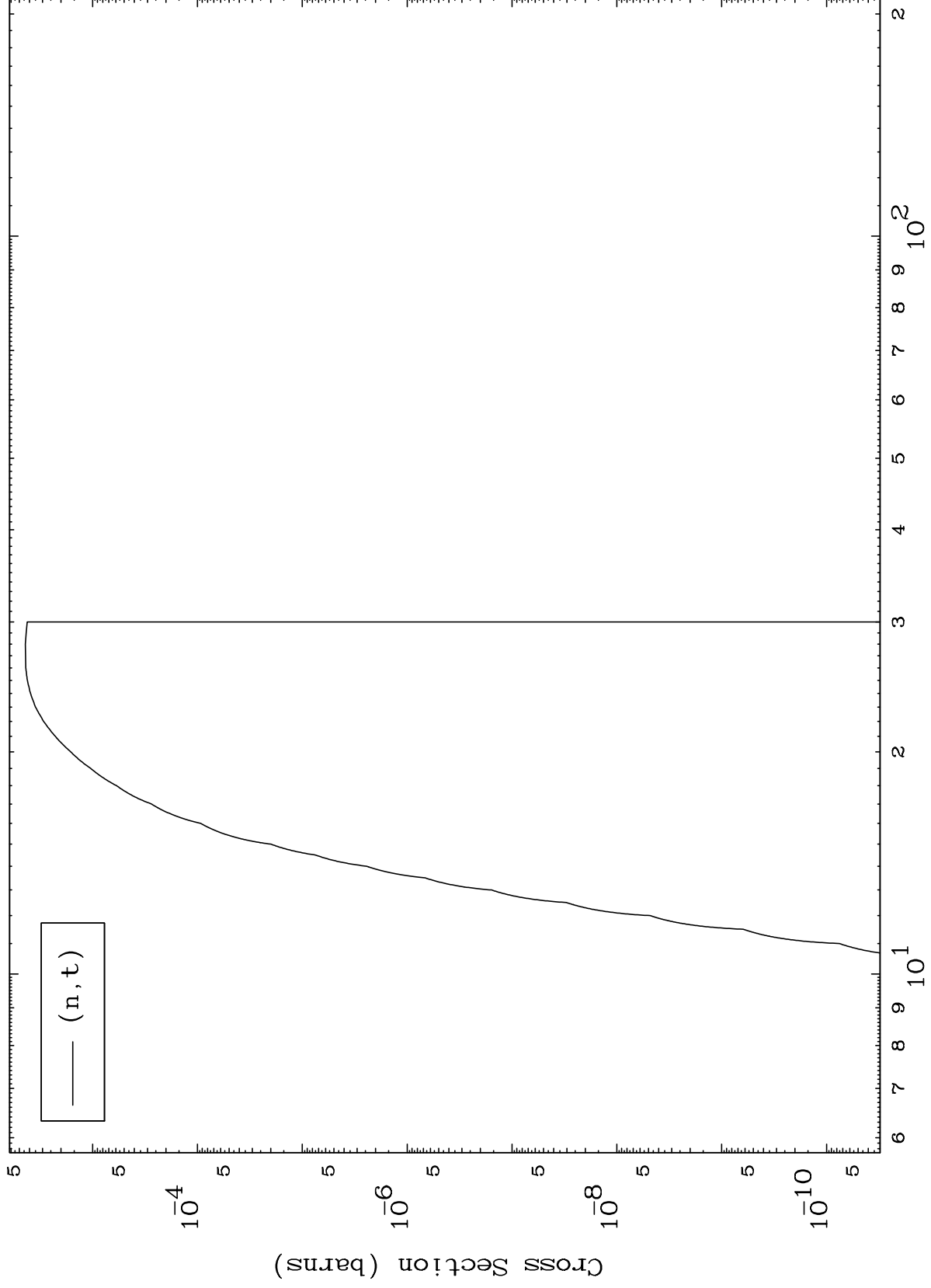
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n, t) Levels
293 Kelvin Cross Sections

64-Gd-159



14

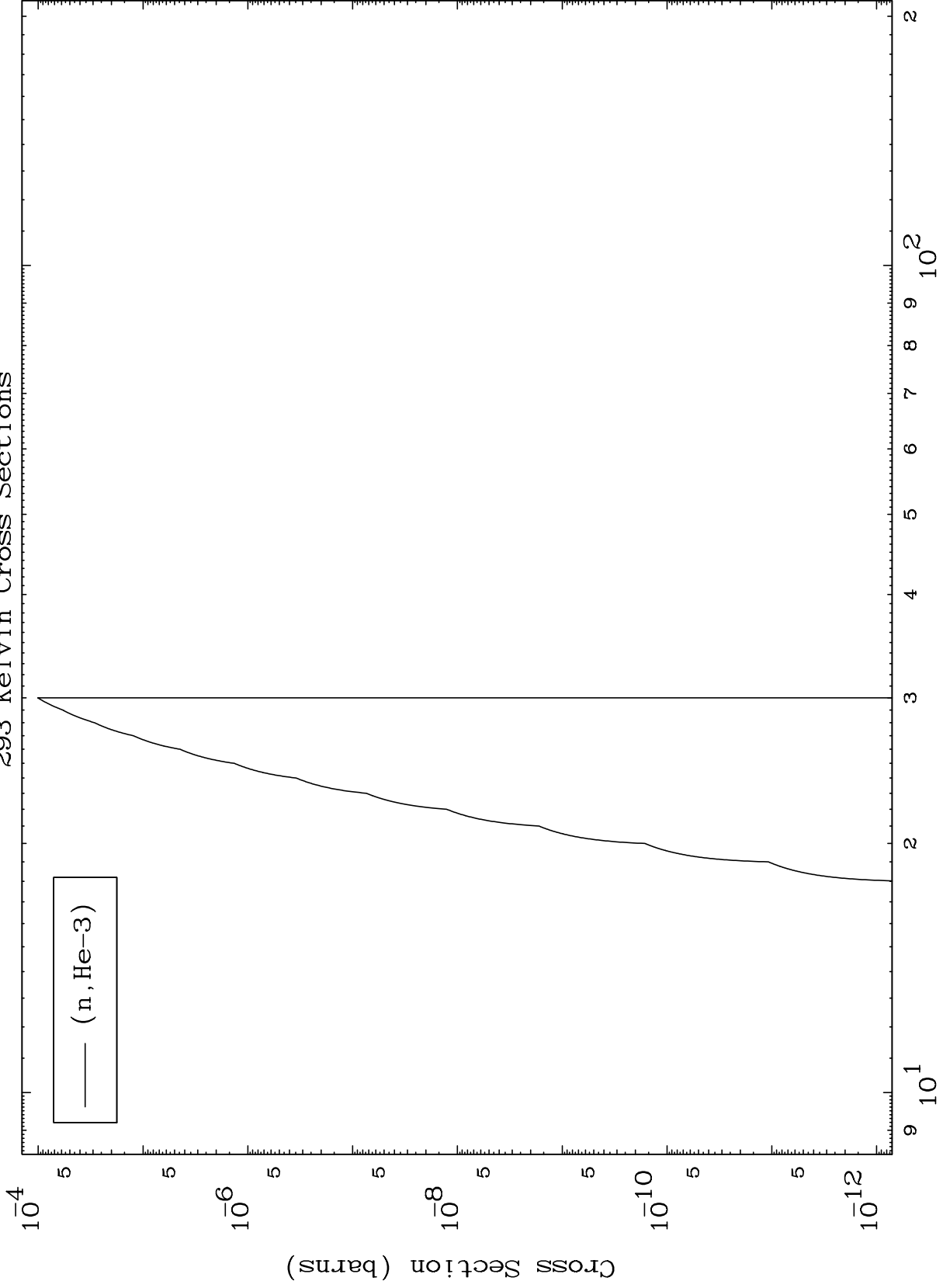
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-159



15

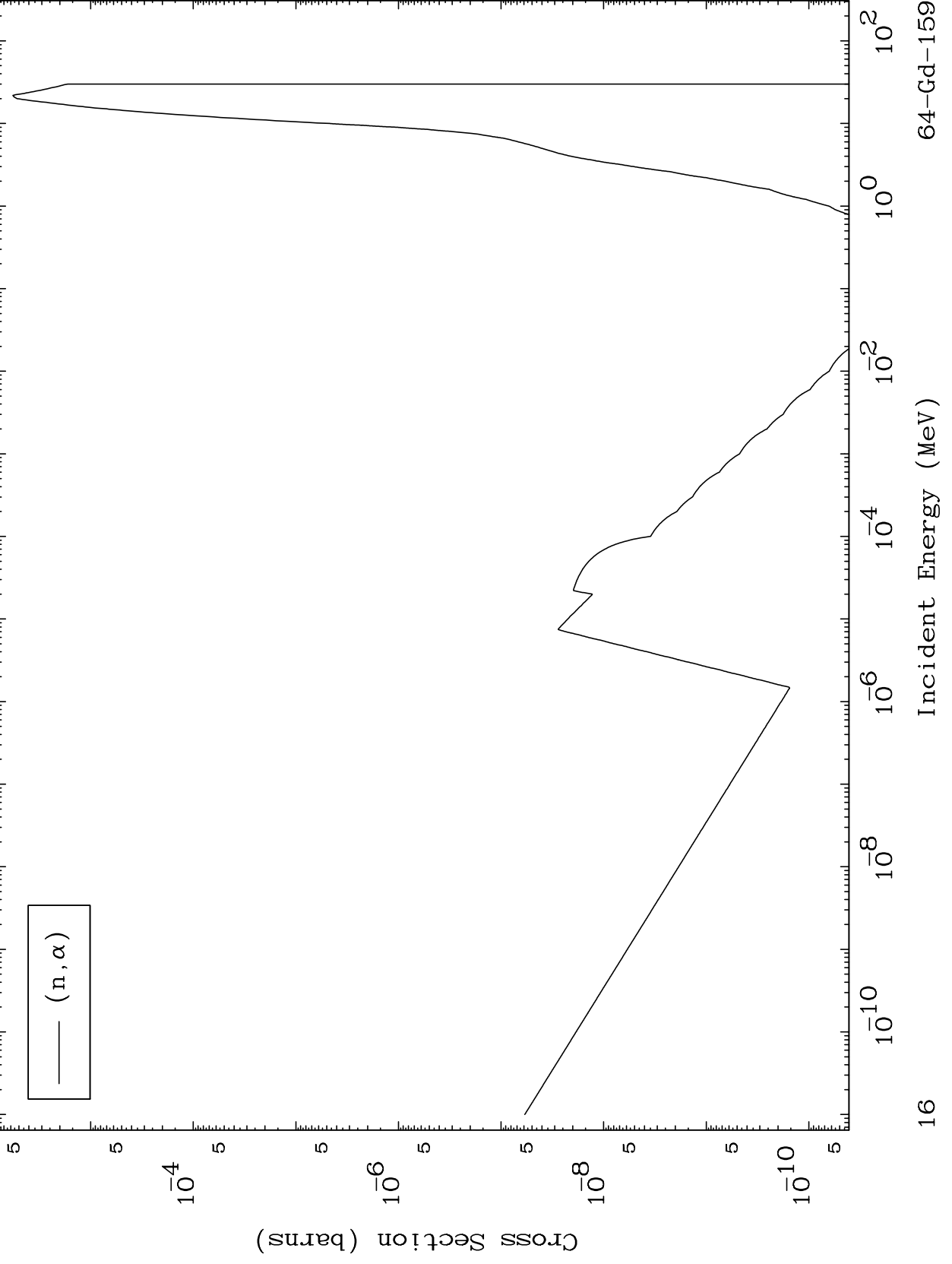
Incident Energy (MeV)

64-Gd-159

MAT 6446

(n, α) Levels
293 Kelvin Cross Sections

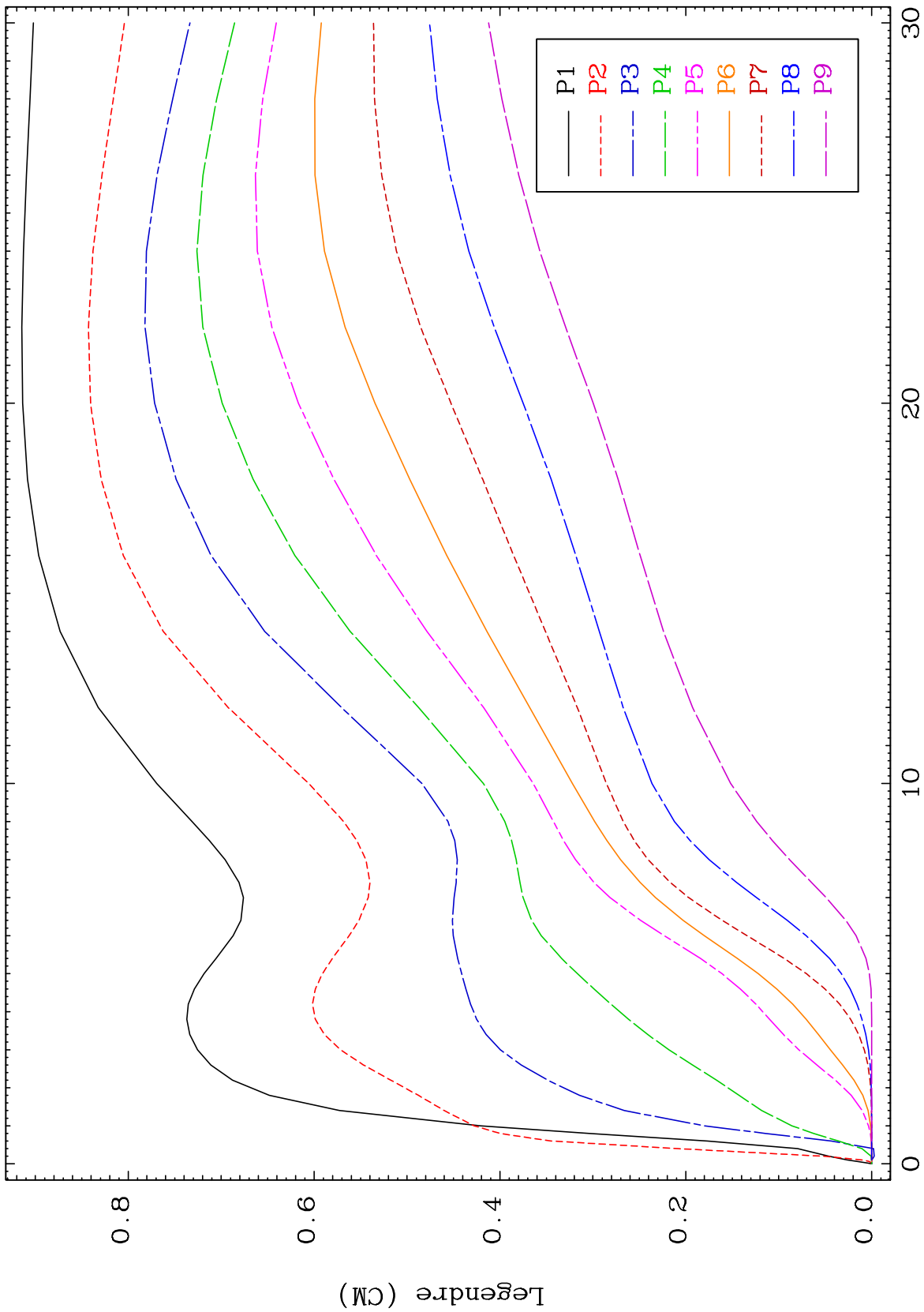
64-Gd-159



MAT 6446

64-Gd-159

Elastic Legendre Coefficients



17

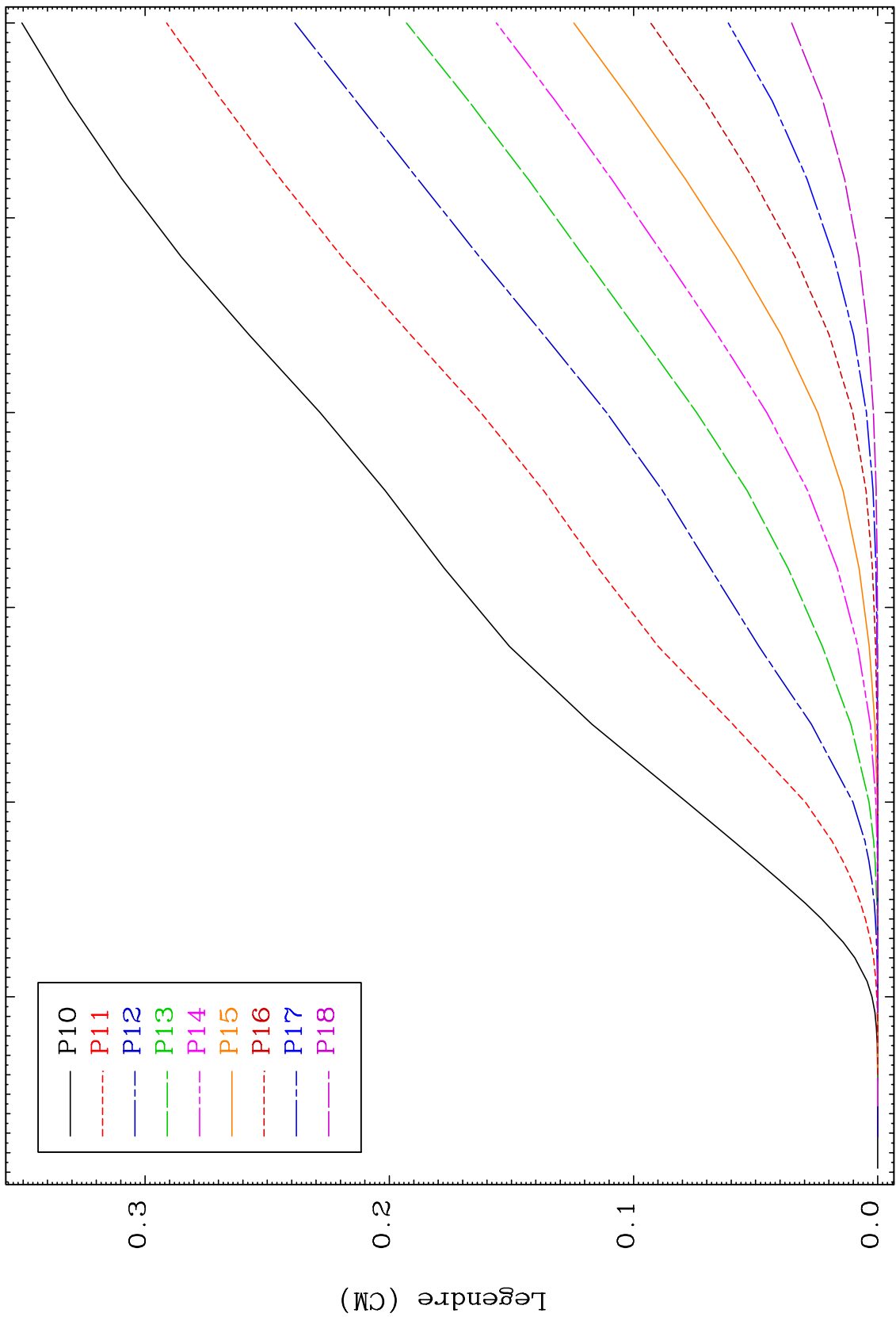
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



18

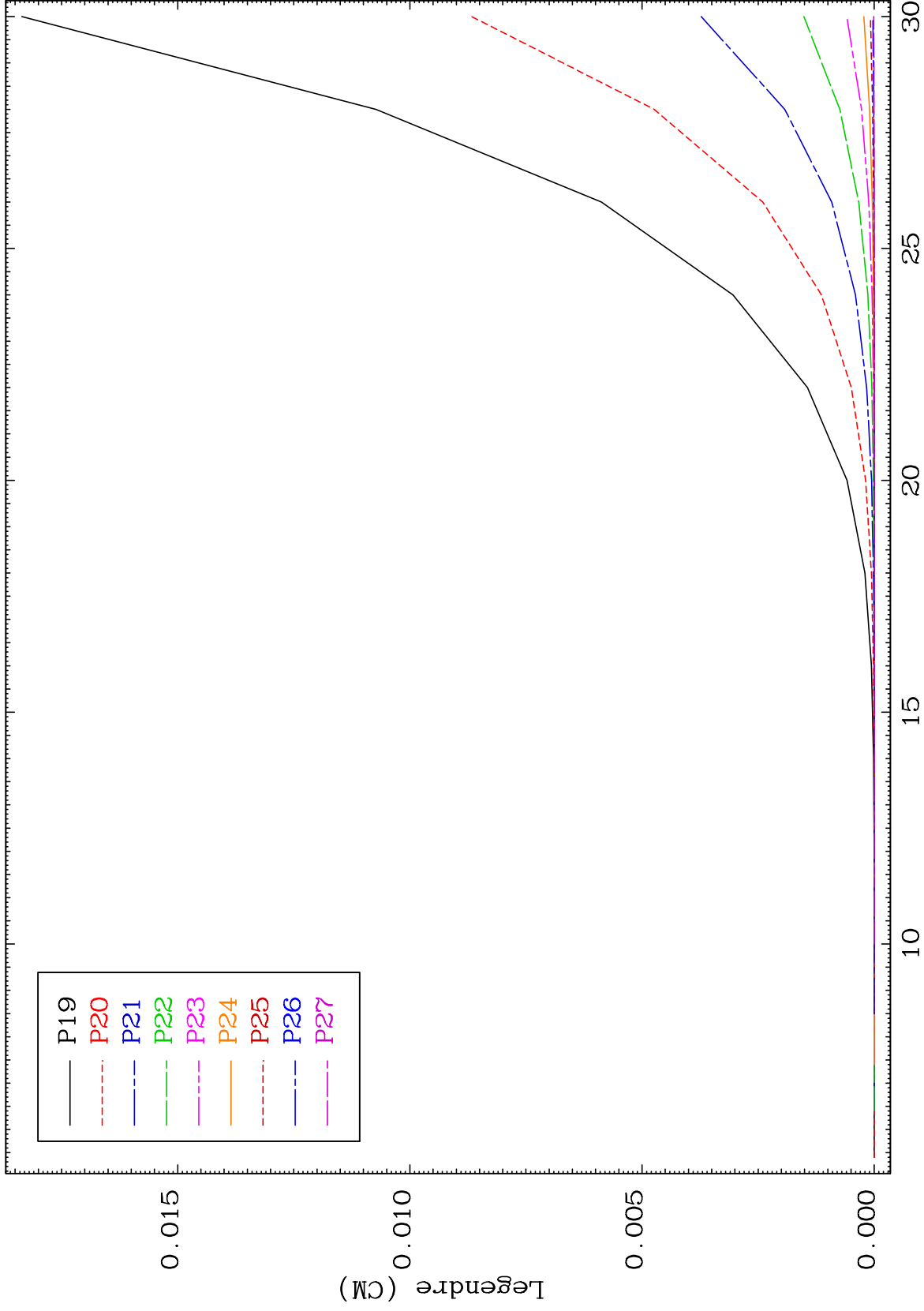
Incident Energy (MeV)

64-Gd-159

MAT 6446

Elastic Legendre Coefficients

64-Gd-159



19

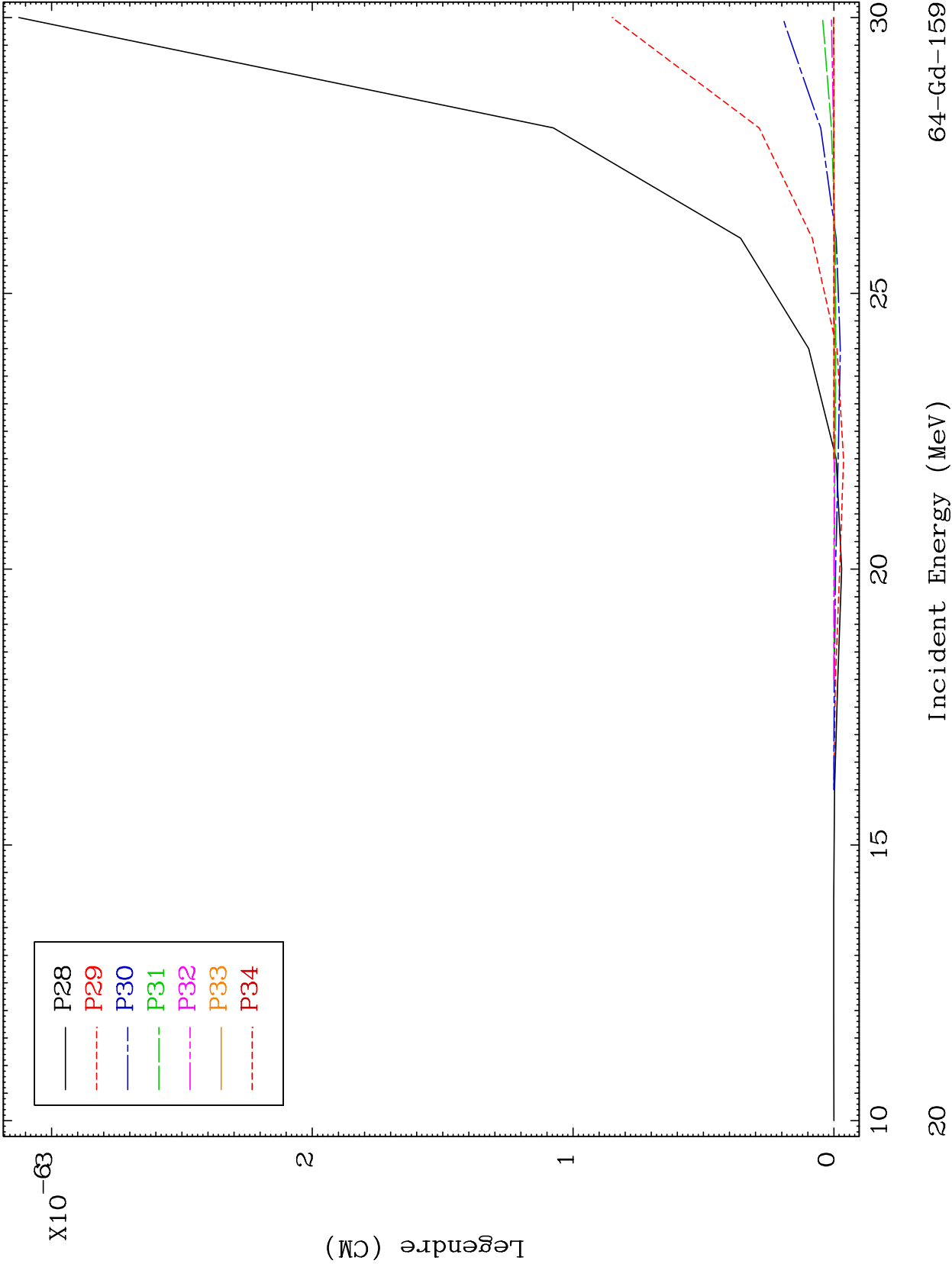
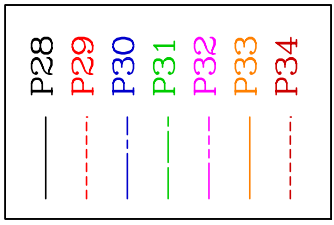
Incident Energy (MeV)

64-Gd-159

MAT 6446

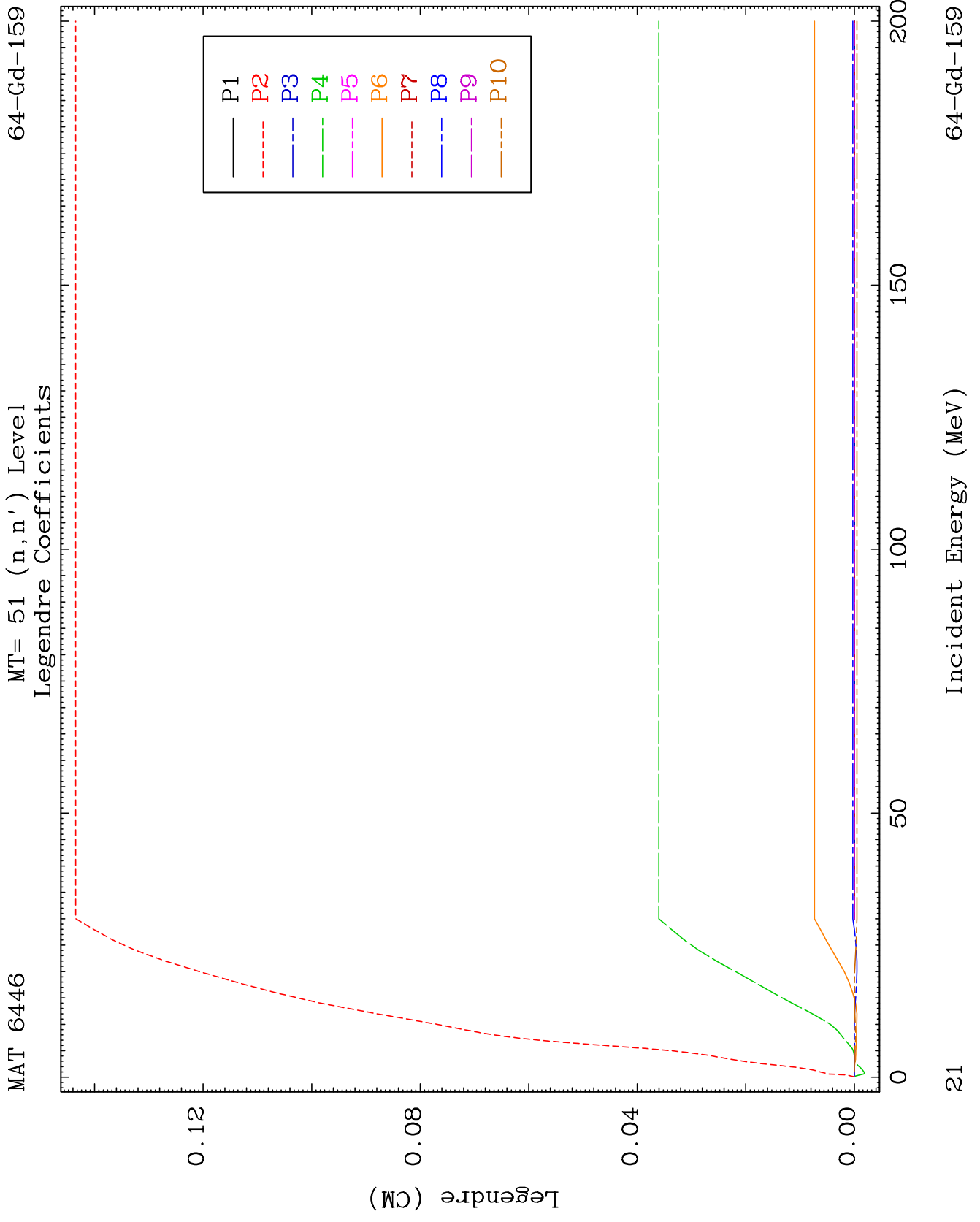
Elastic Legendre Coefficients

64-Gd-159



64-Gd-159

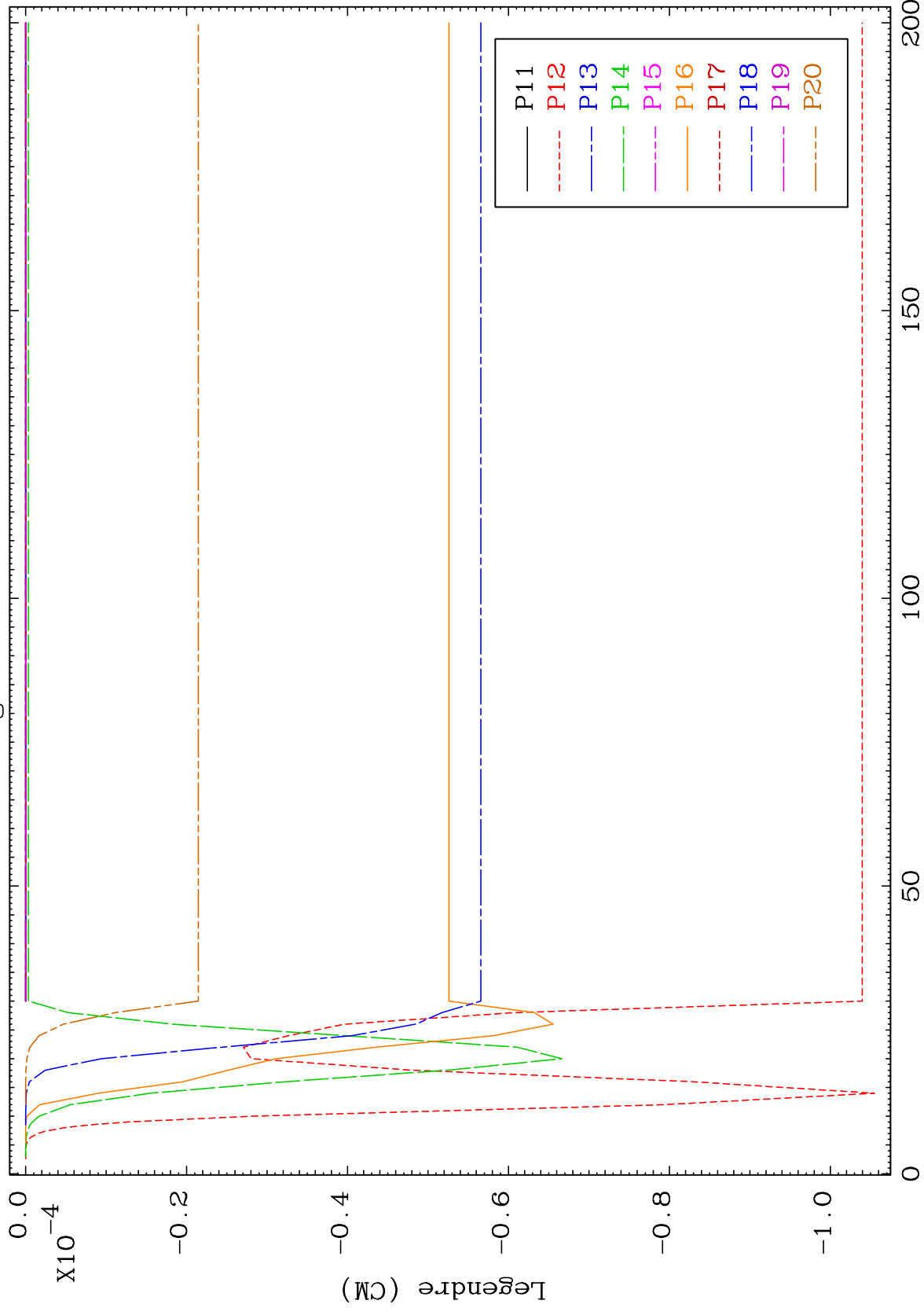
Incident Energy (MeV)



MAT 6446

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

64-Gd-159



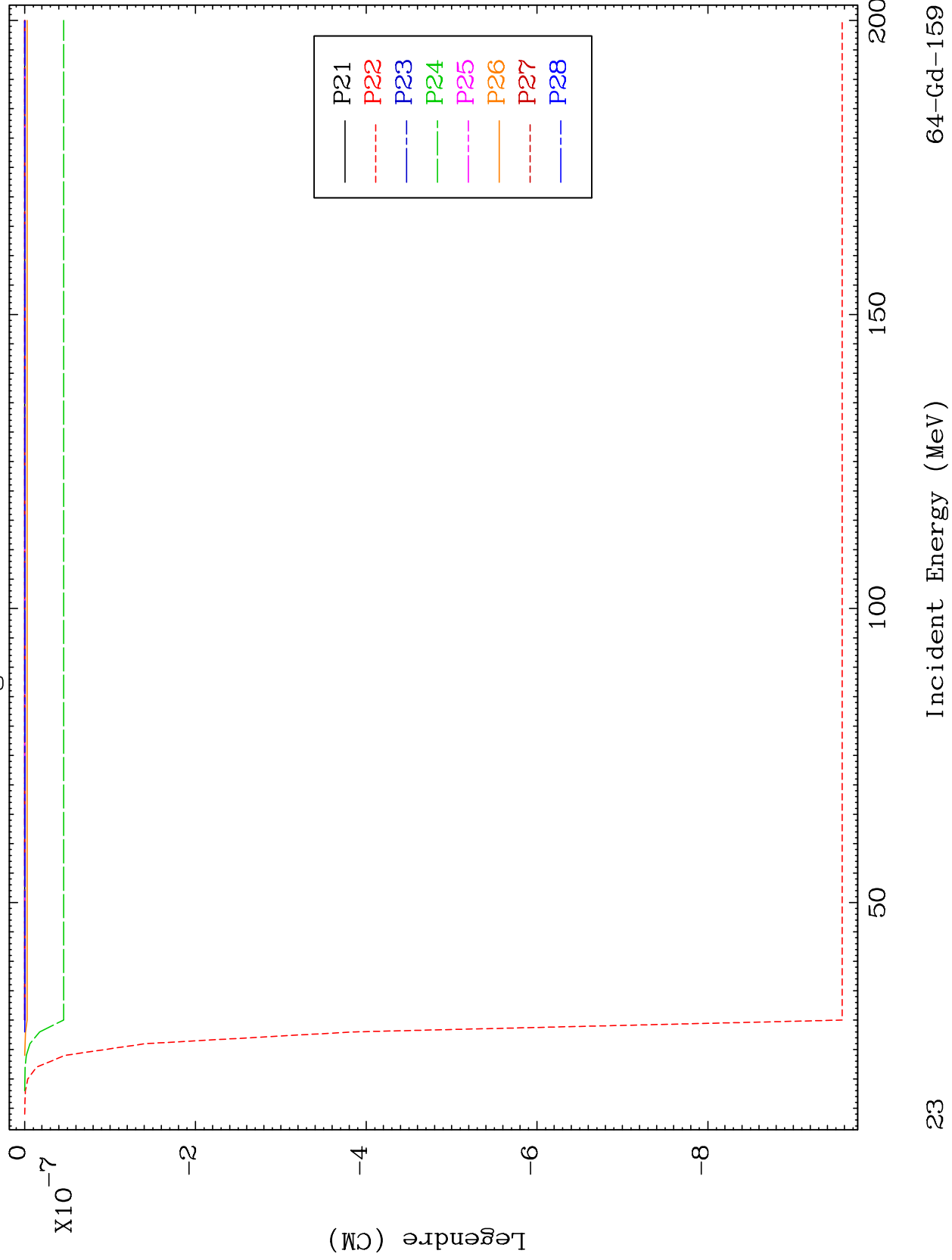
22

64-Gd-159

MAT 6446

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

64-Gd-159



23

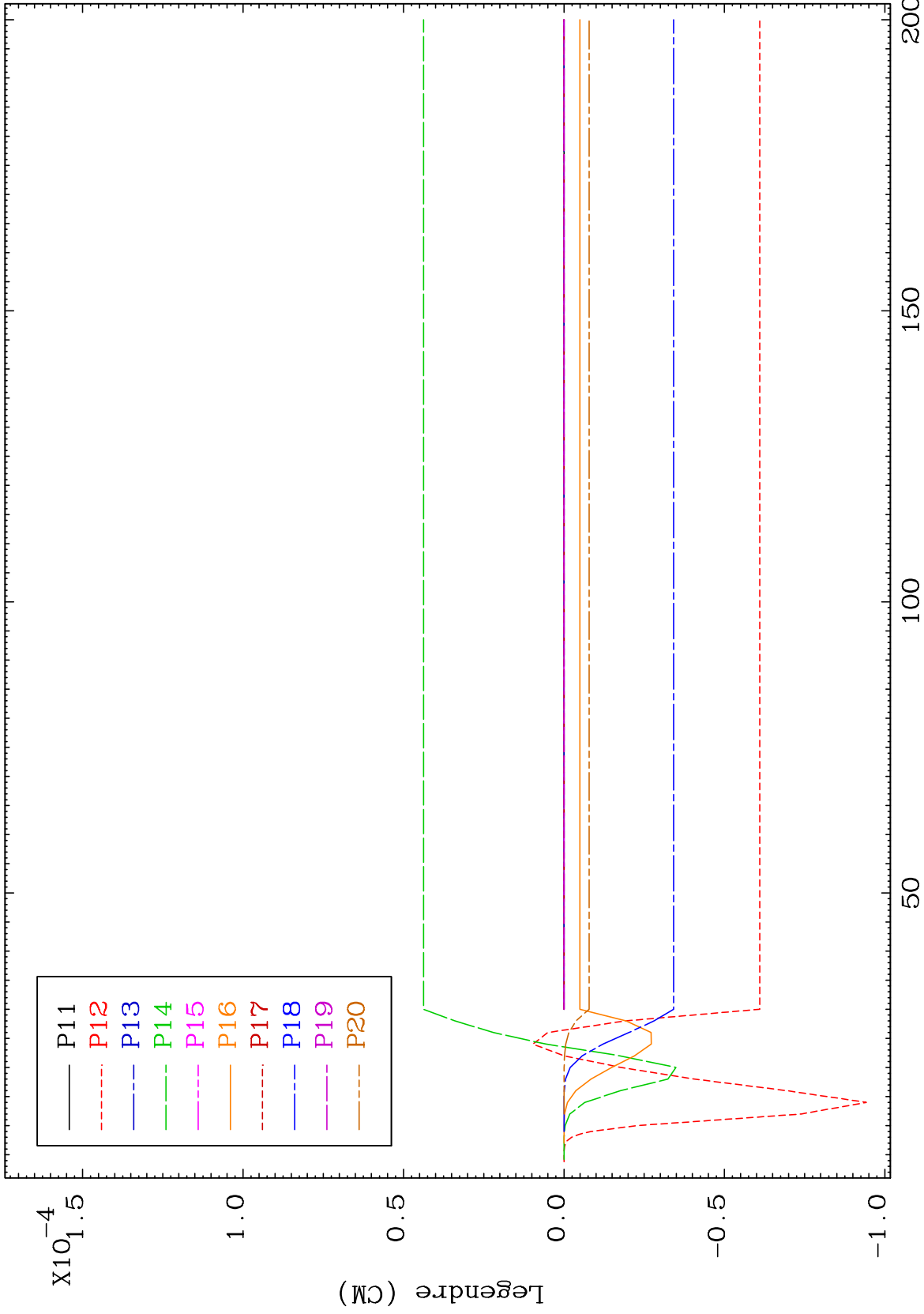
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



25

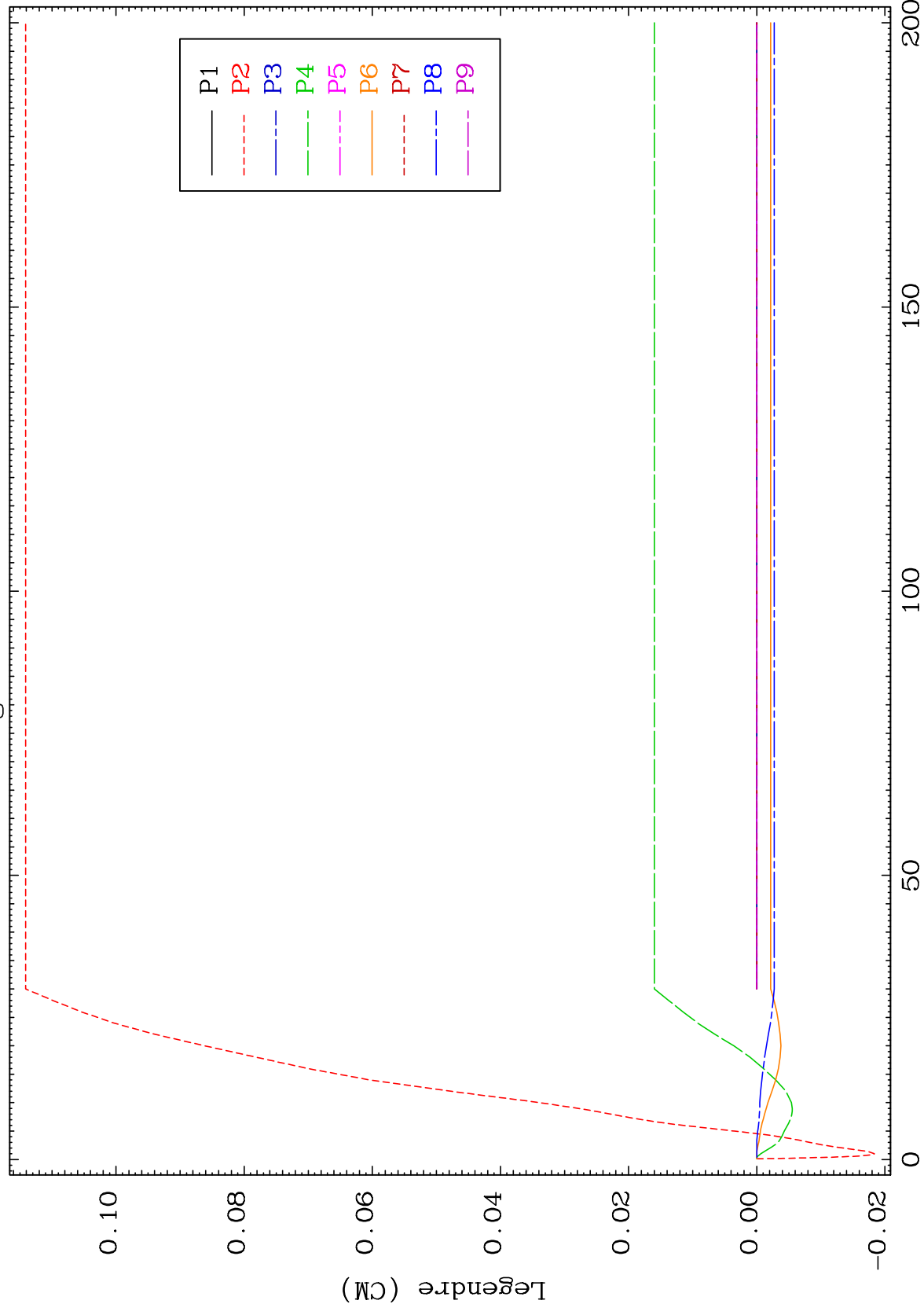
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



27

Incident Energy (MeV)

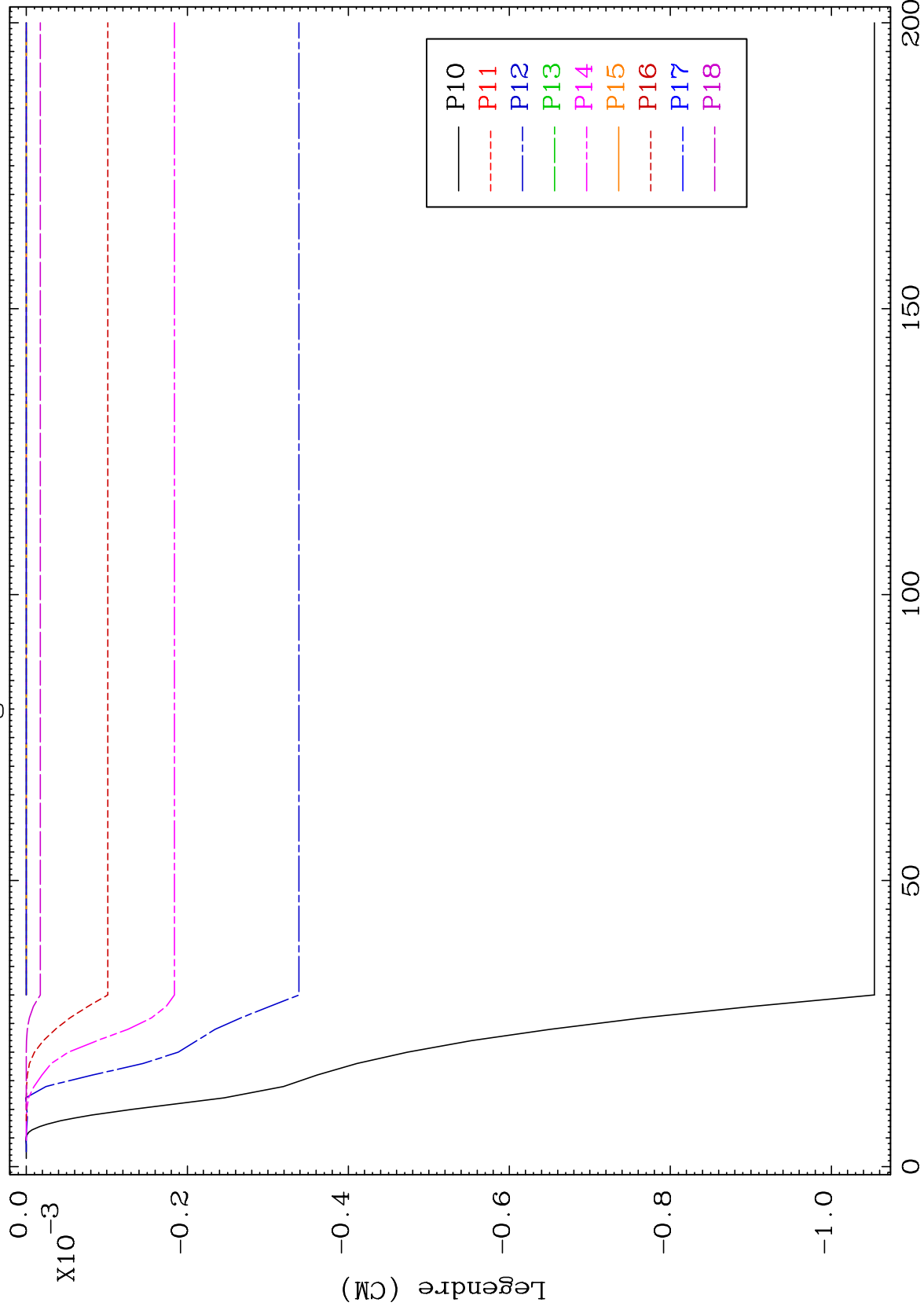
64-Gd-159

MAT 6446

MT= 53 (n,n') Level

64-Gd-159

Legendre Coefficients



28

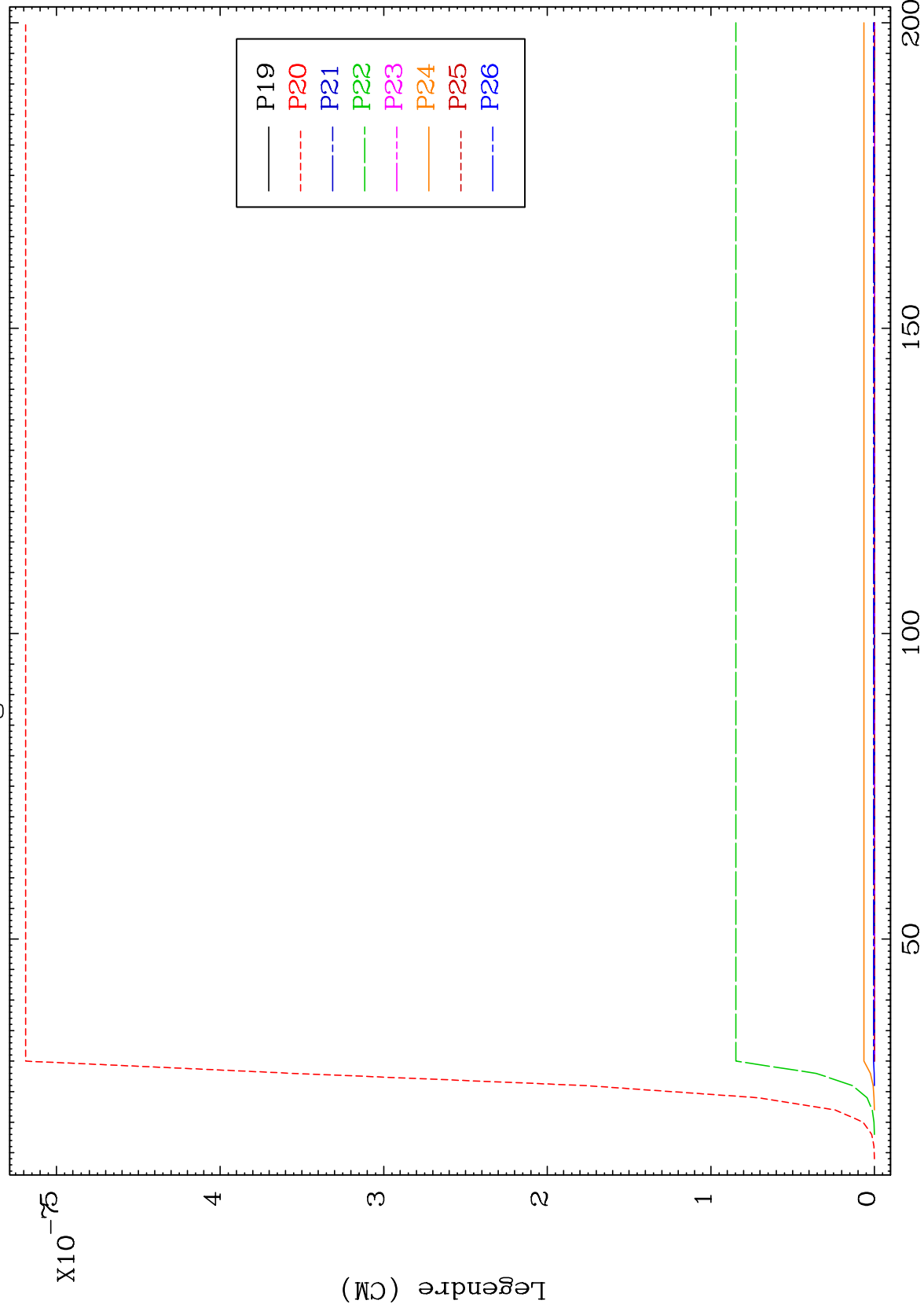
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



29

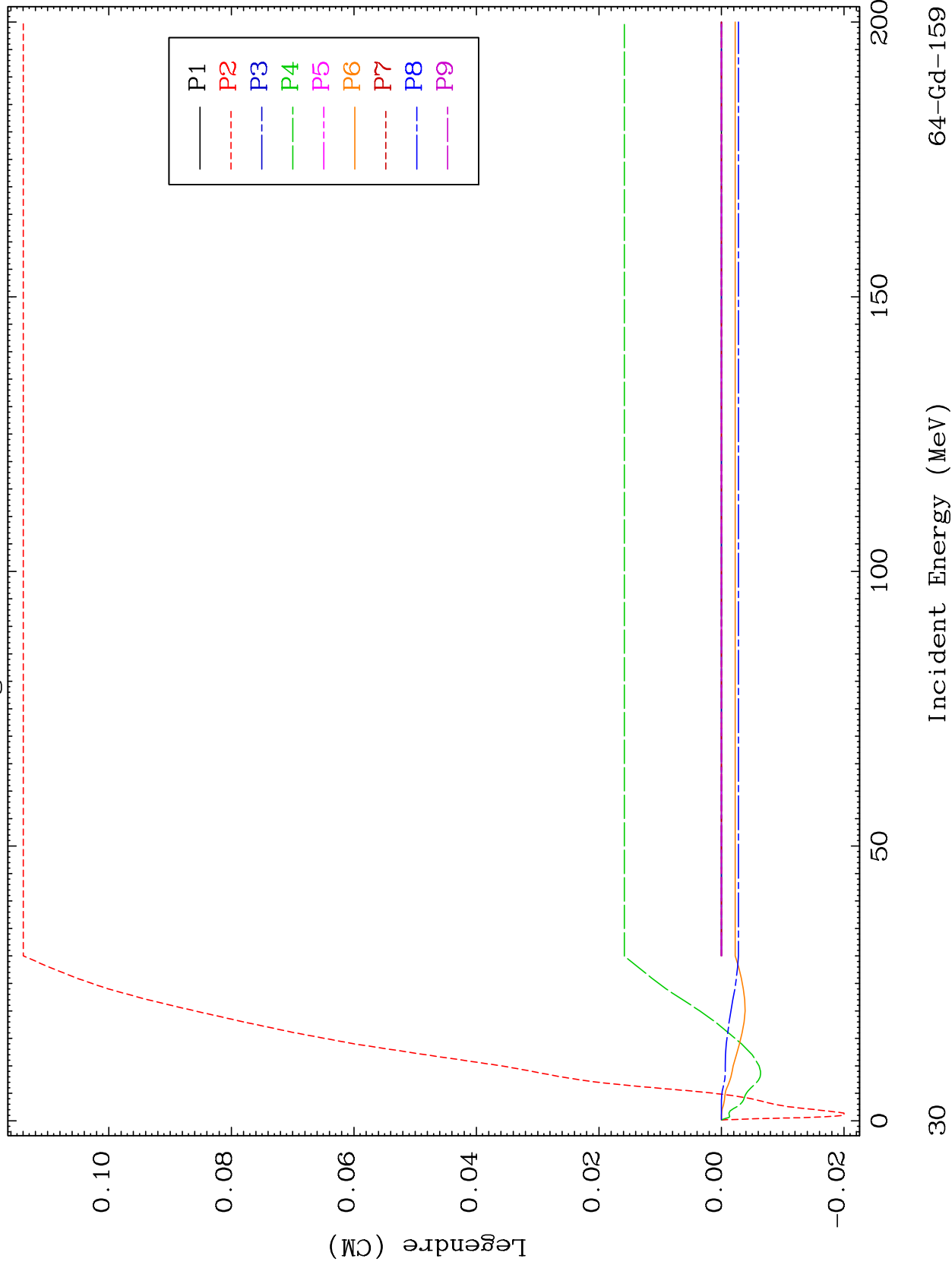
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159

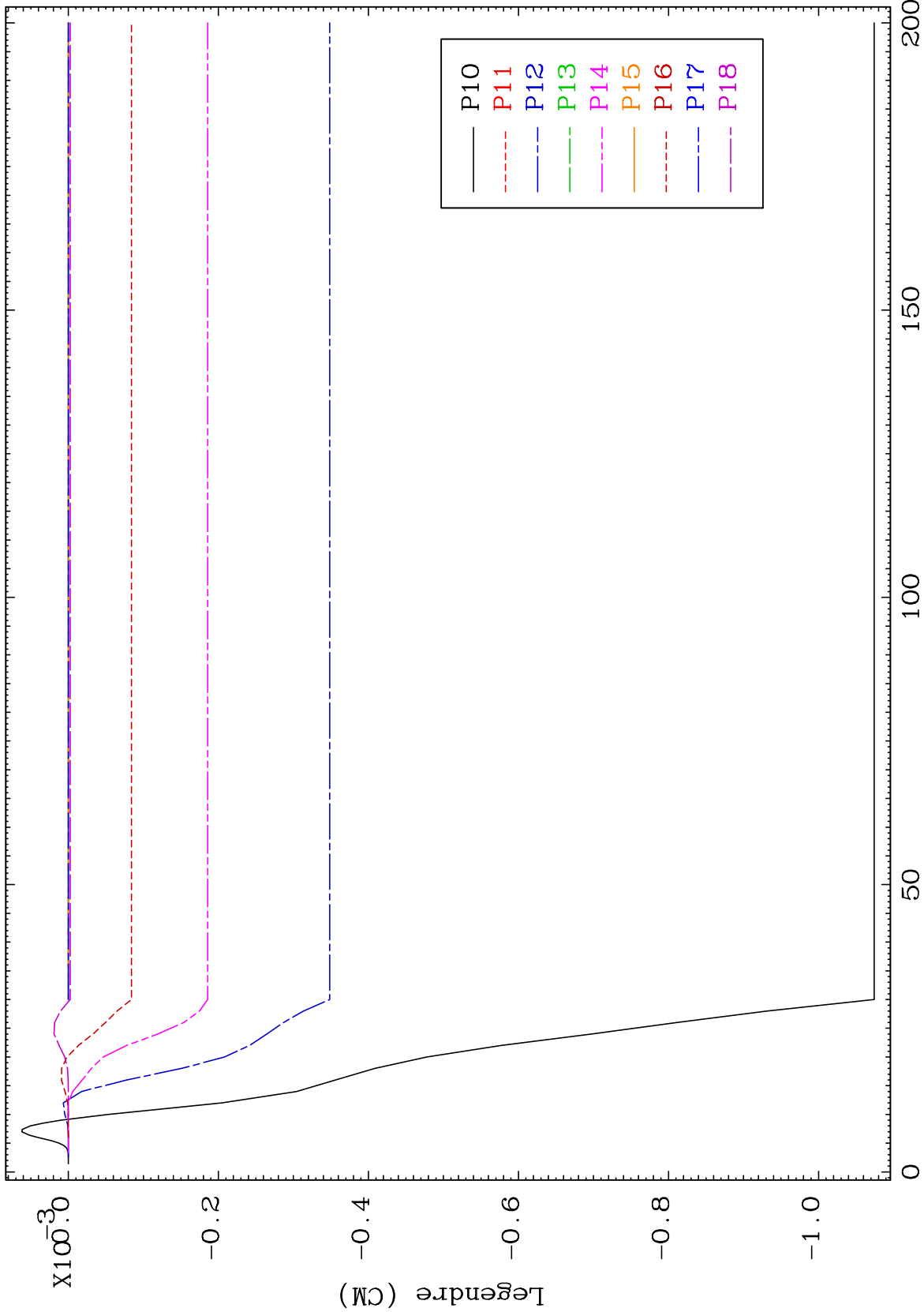


64-Gd-159

MAT 6446

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

64-Gd-159



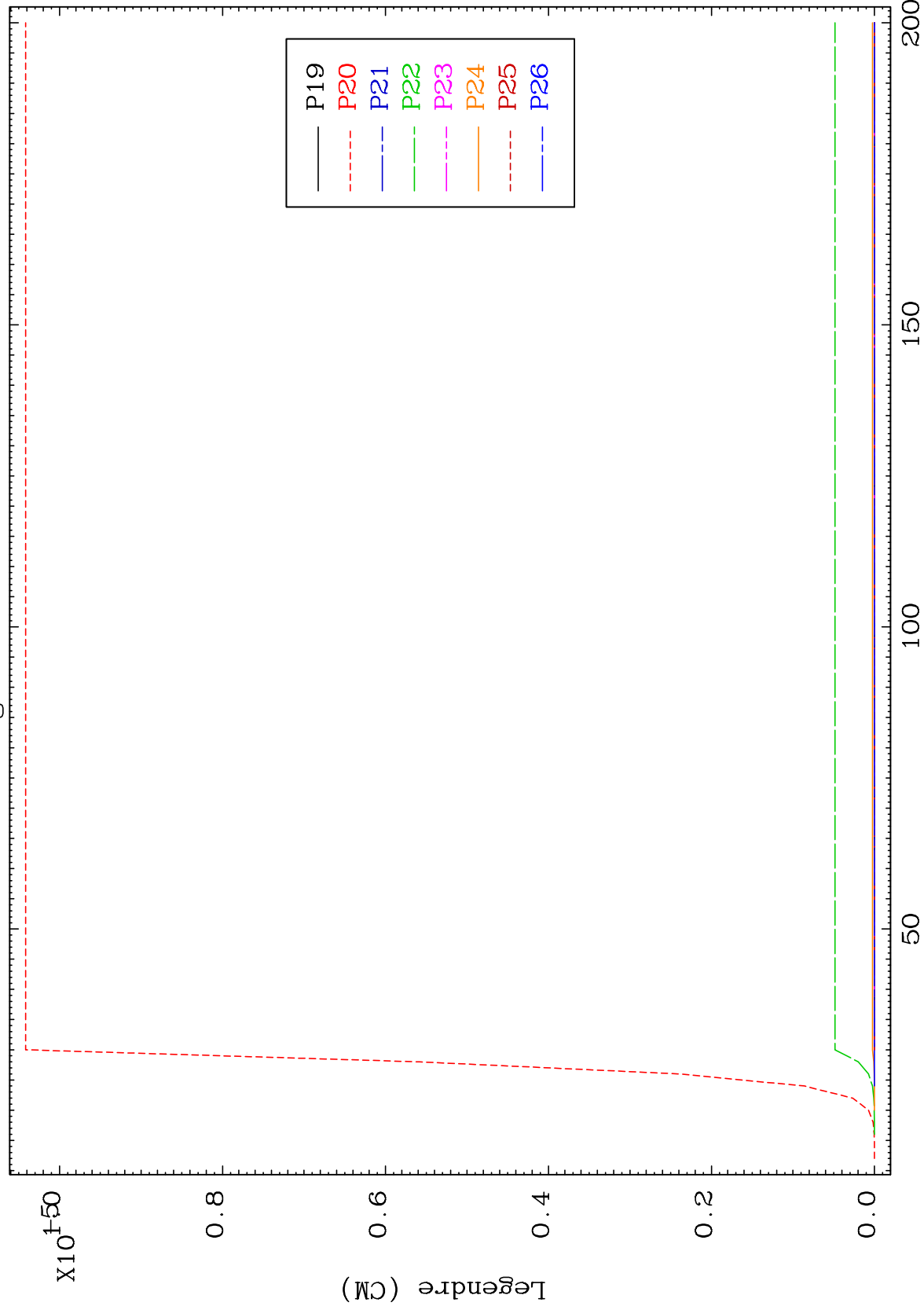
31

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

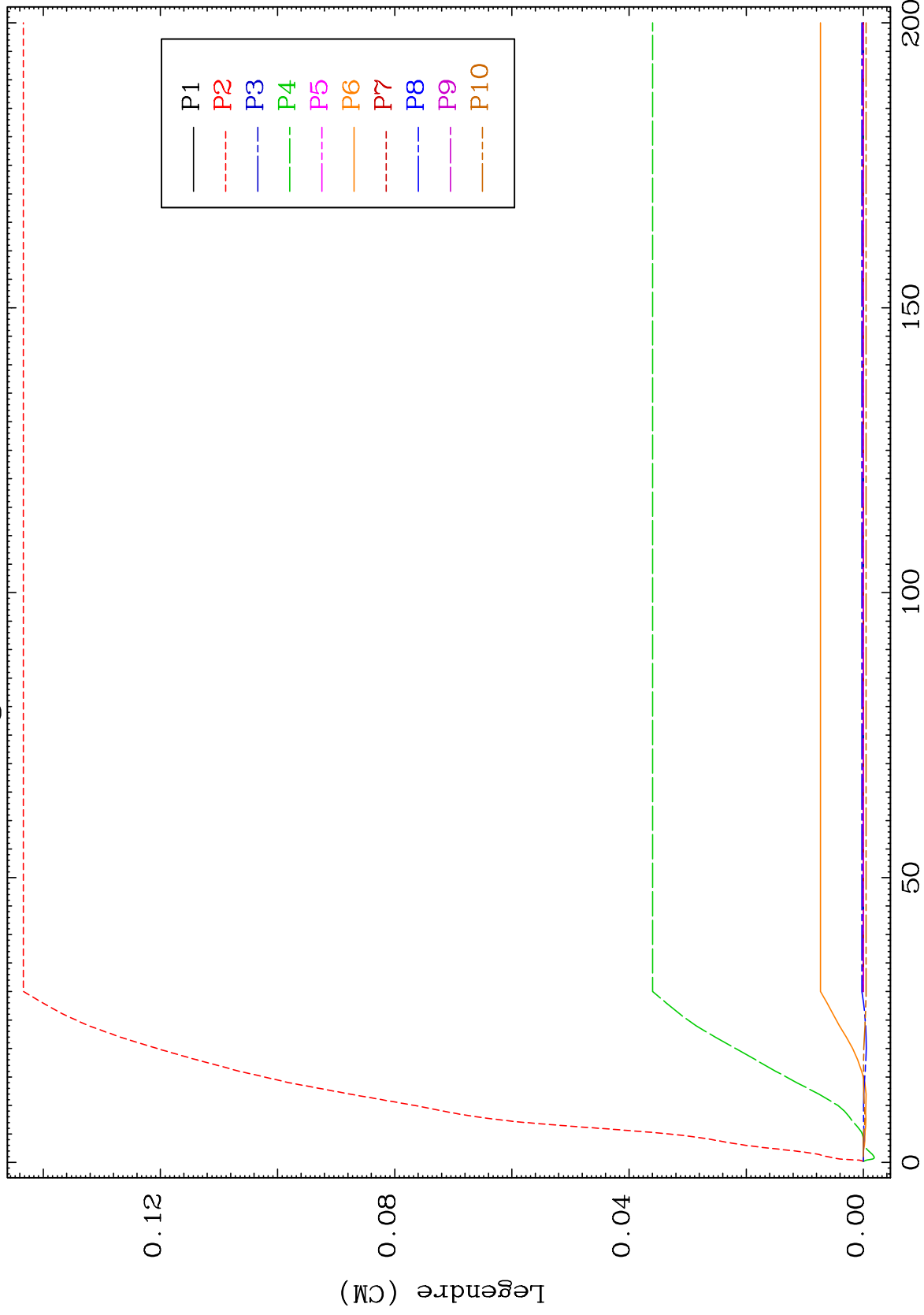
Incident Energy (MeV)

32

MAT 6446

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

64-Gd-159



33

Incident Energy (MeV)

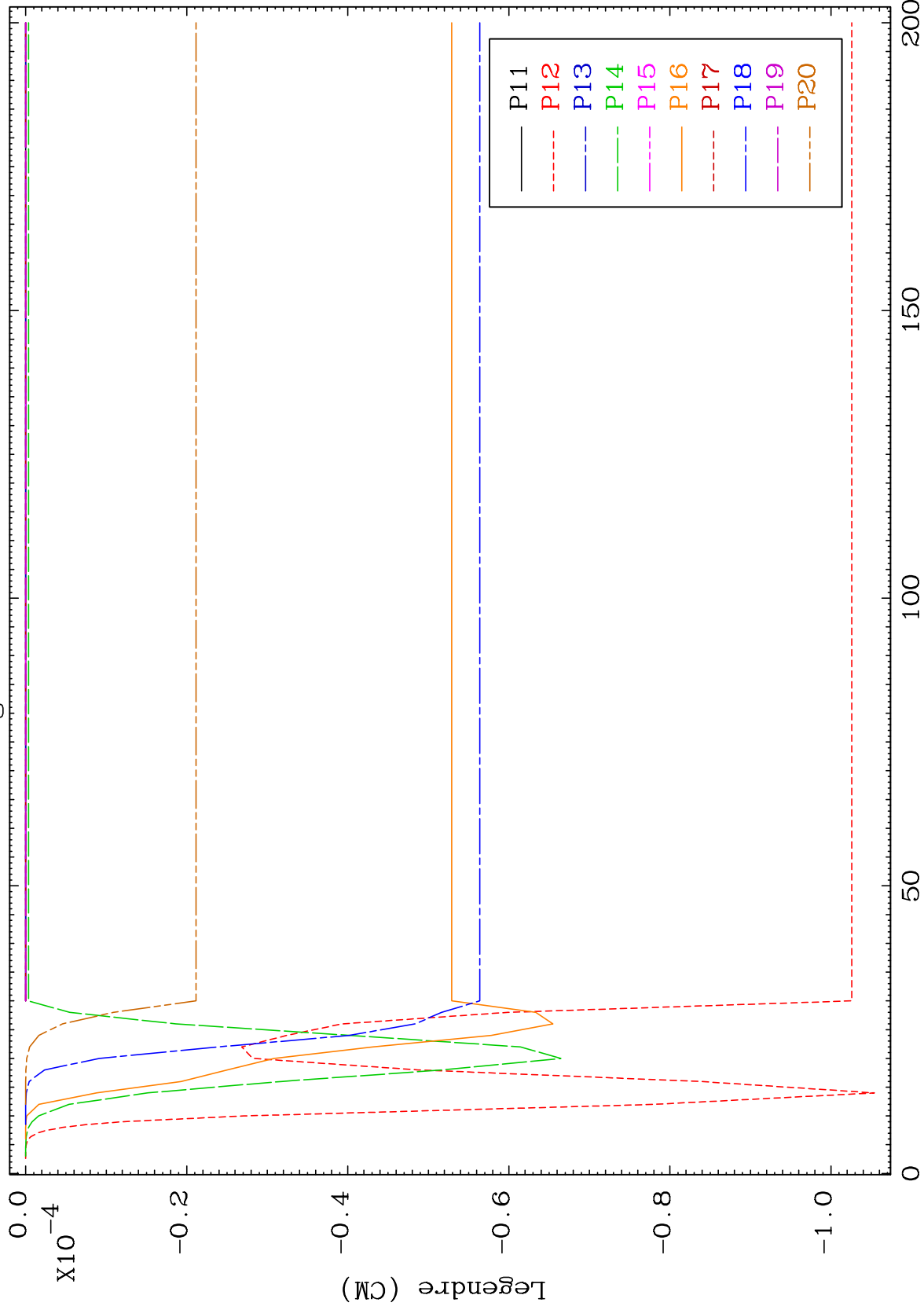
64-Gd-159

MAT 6446

MT= 55 (n,n') Level

64-Gd-159

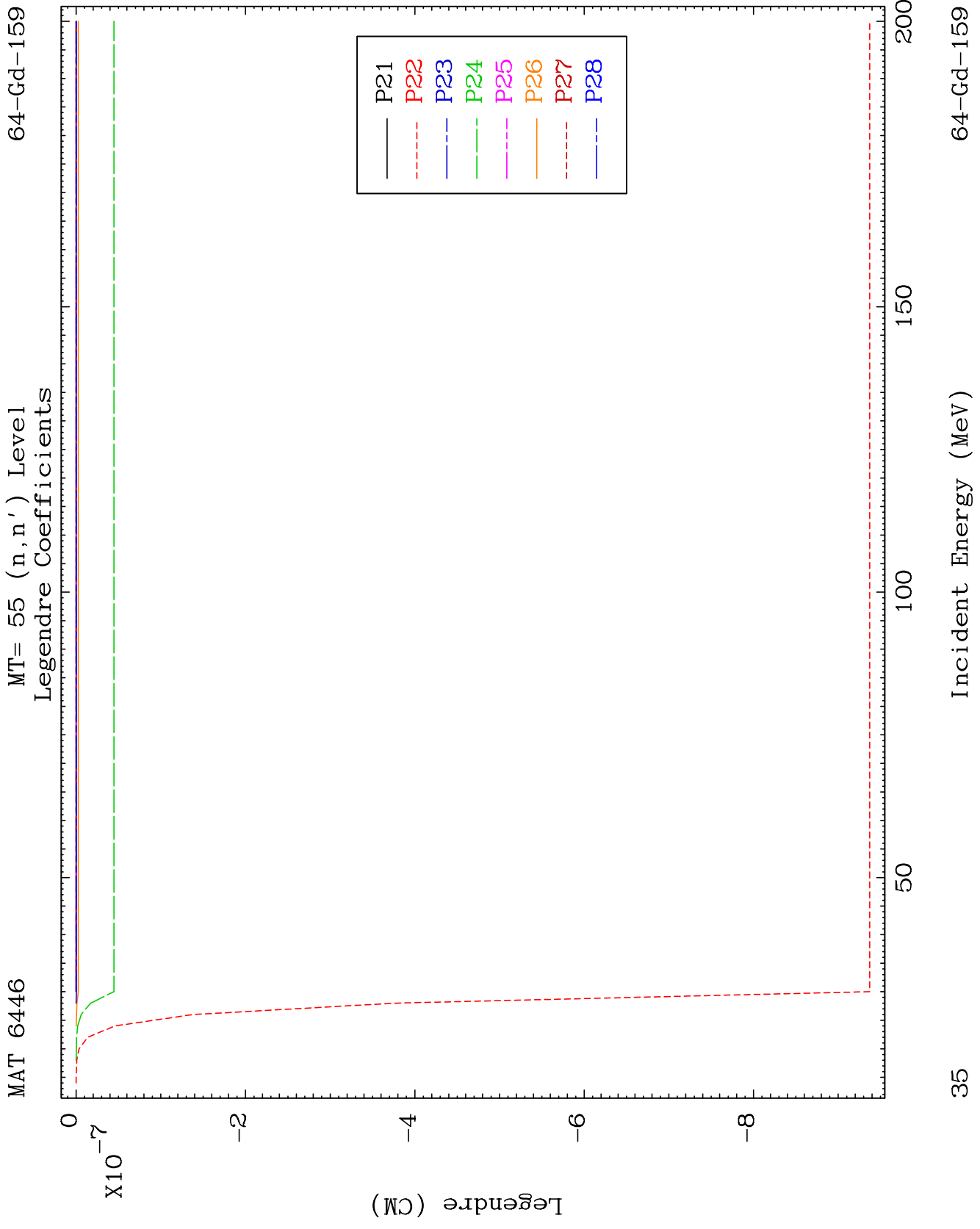
Legendre Coefficients



64-Gd-159

Incident Energy (MeV)

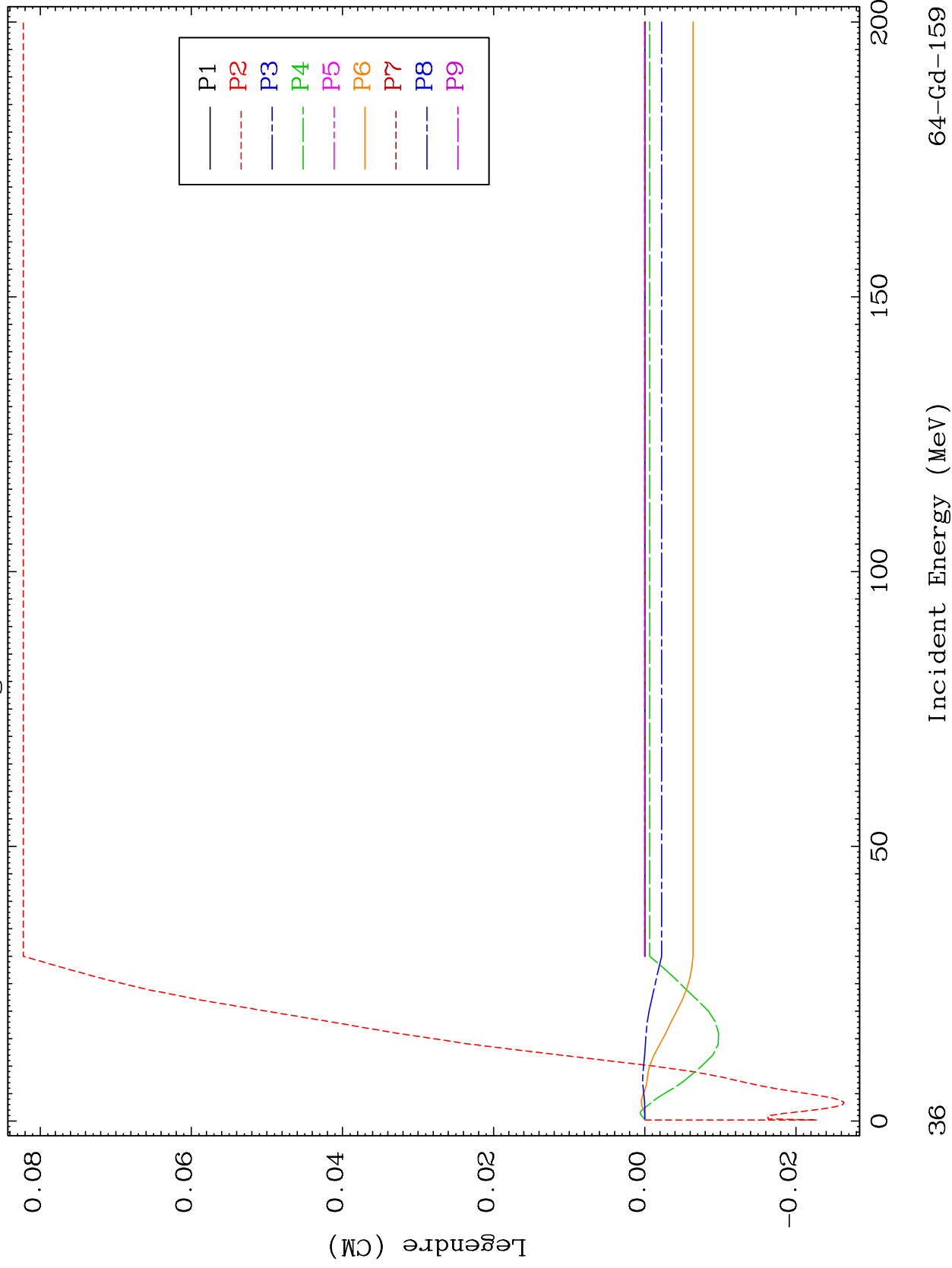
34



MAT 6446

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

64-Gd-159



64-Gd-159

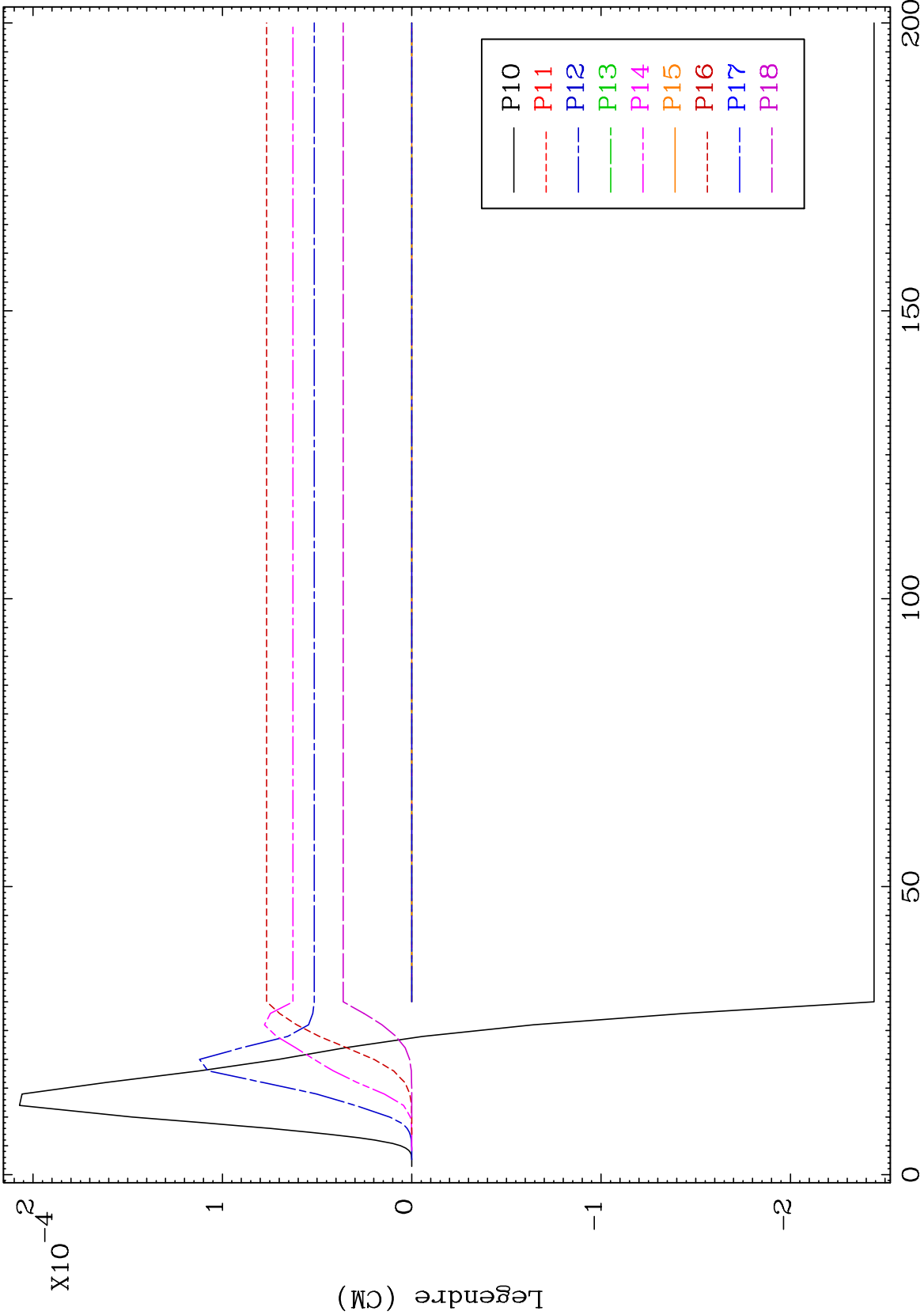
Incident Energy (MeV)

36

MAT 6446

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

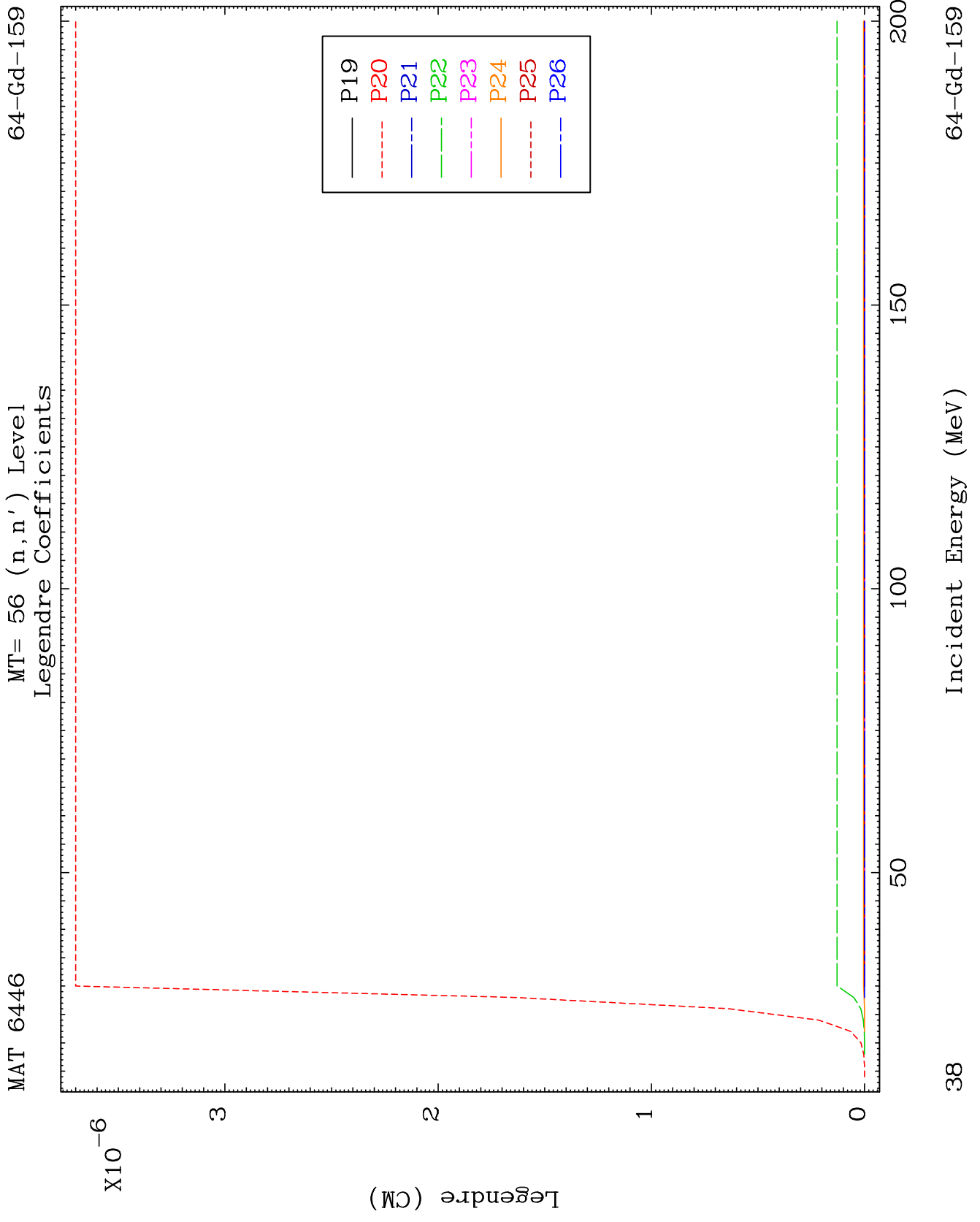
64-Gd-159



37

Incident Energy (MeV)

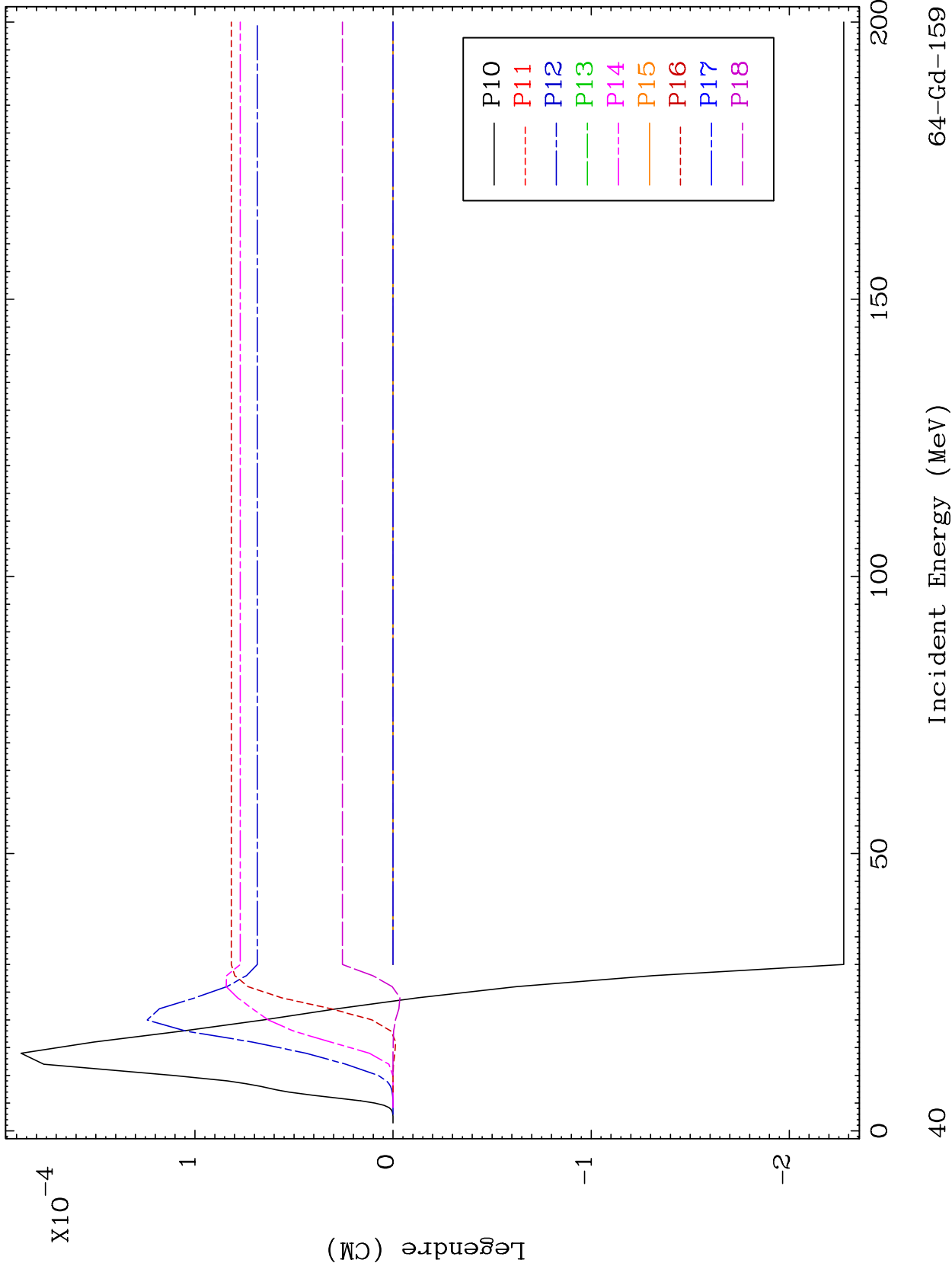
64-Gd-159



MAT 6446

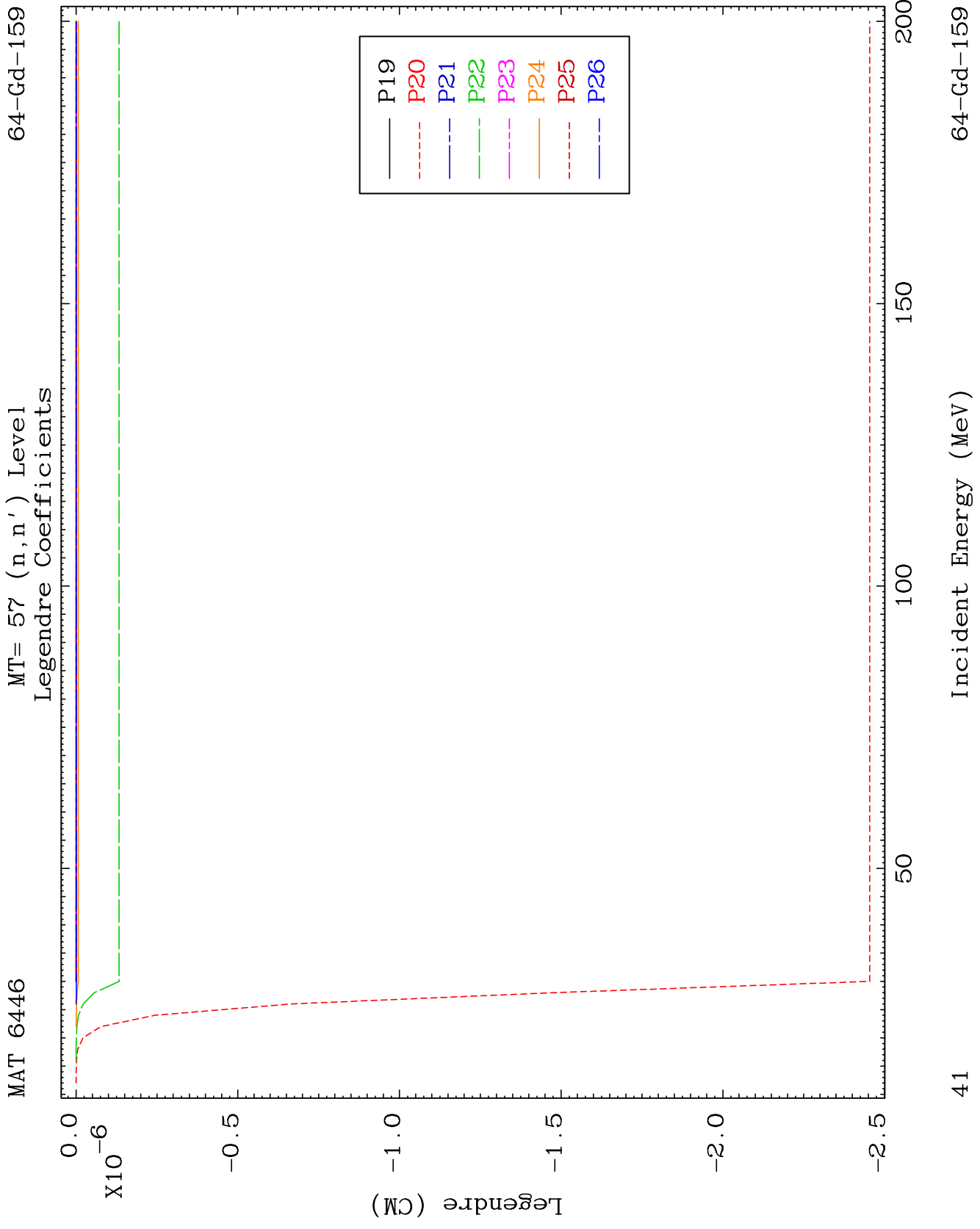
MT= 57 (n,n') Level
Legendre Coefficients

64-Gd-159



64-Gd-159

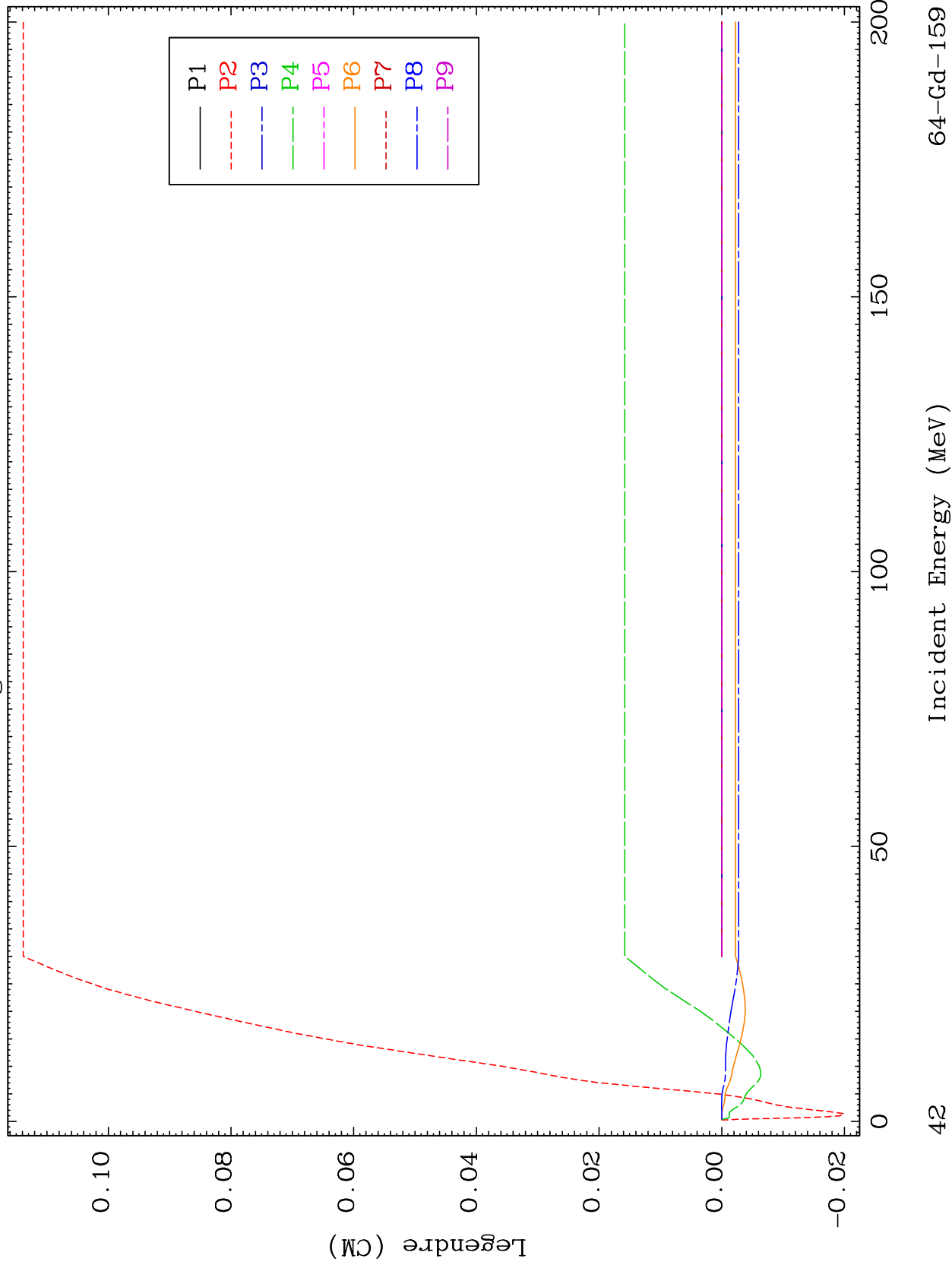
Incident Energy (MeV)



MAT 6446

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

64-Gd-159



64-Gd-159

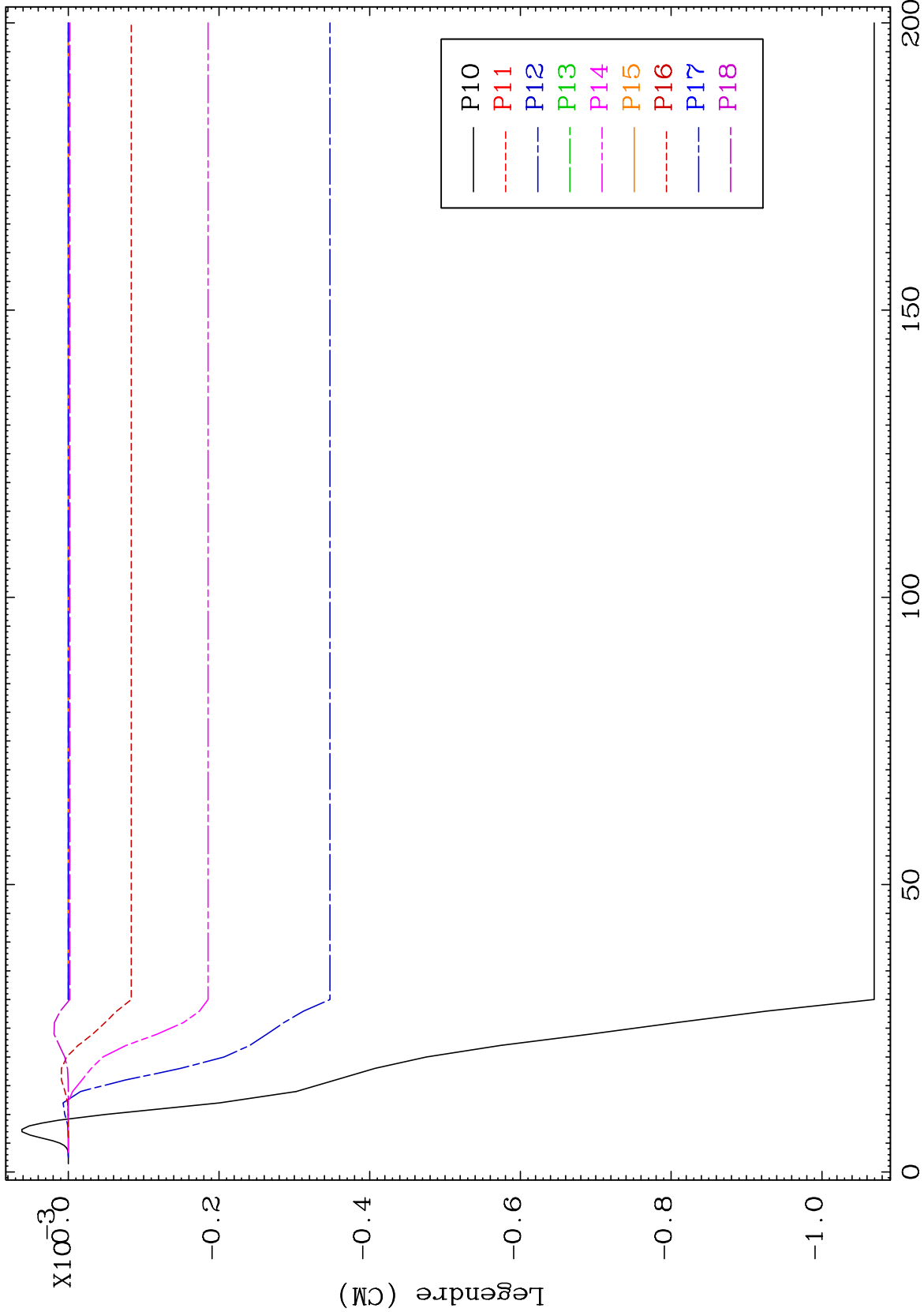
Incident Energy (MeV)

42

MAT 6446

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

64-Gd-159



43

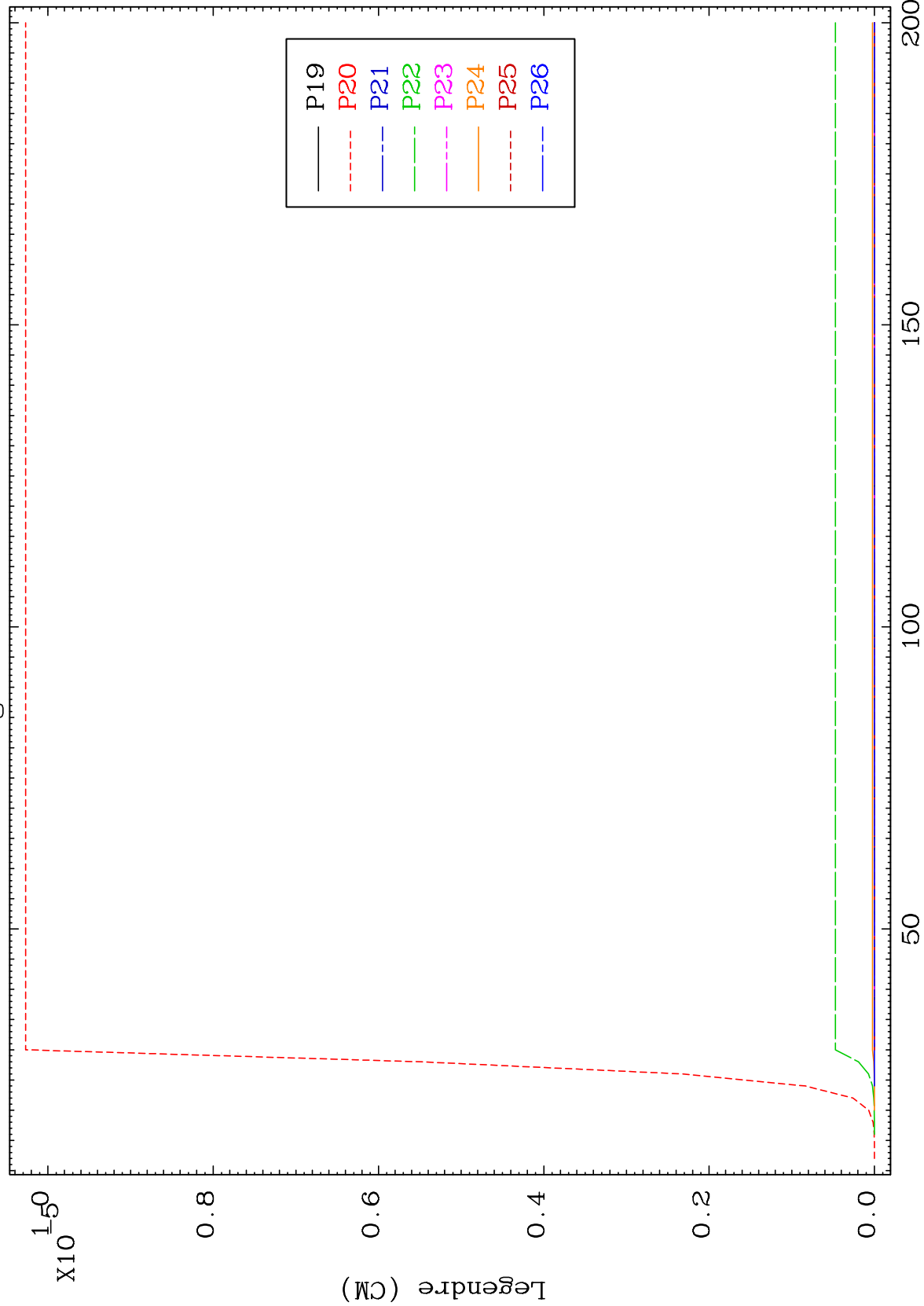
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

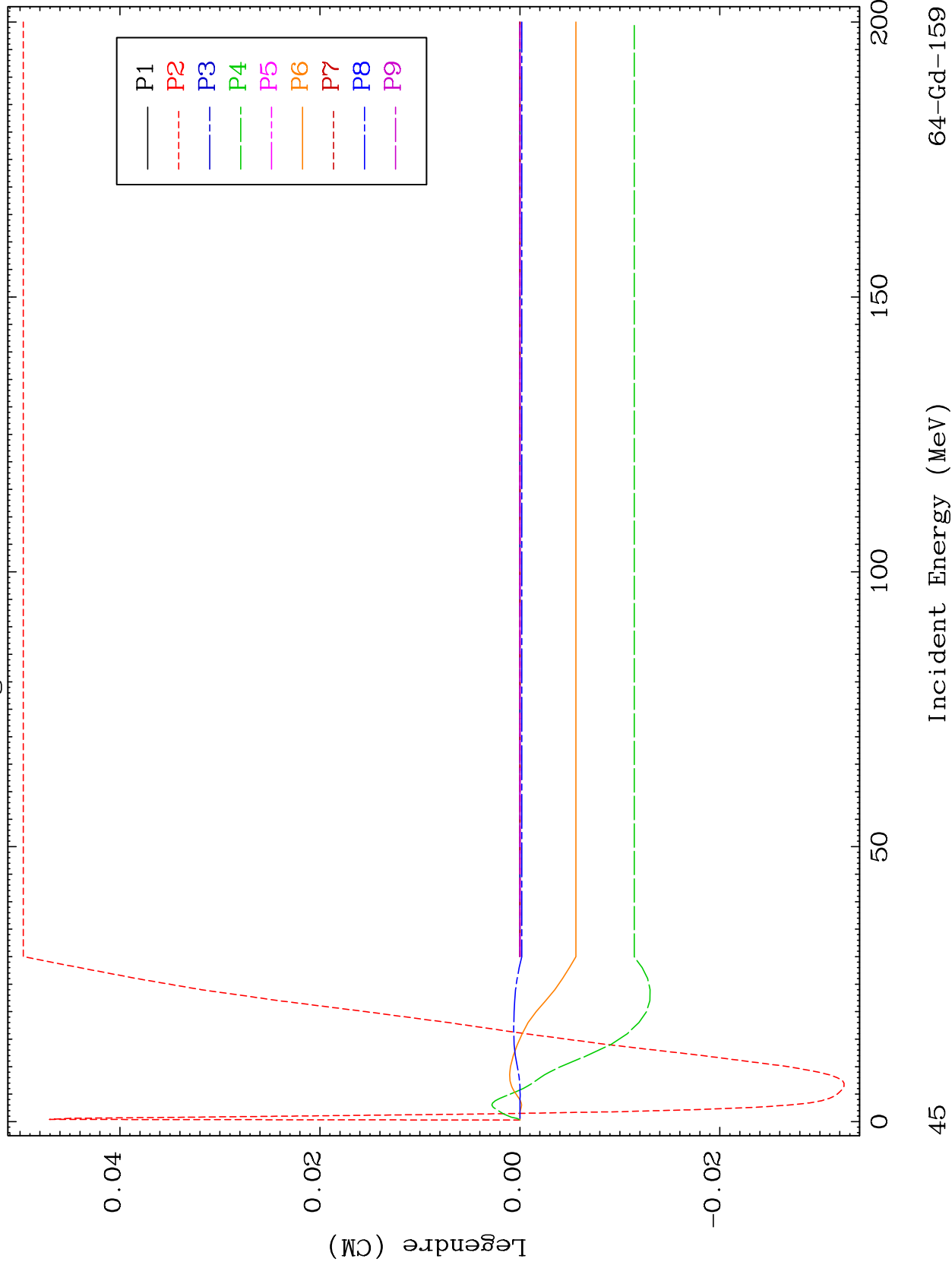
Incident Energy (MeV)

44

MAT 6446

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

64-Gd-159



64-Gd-159

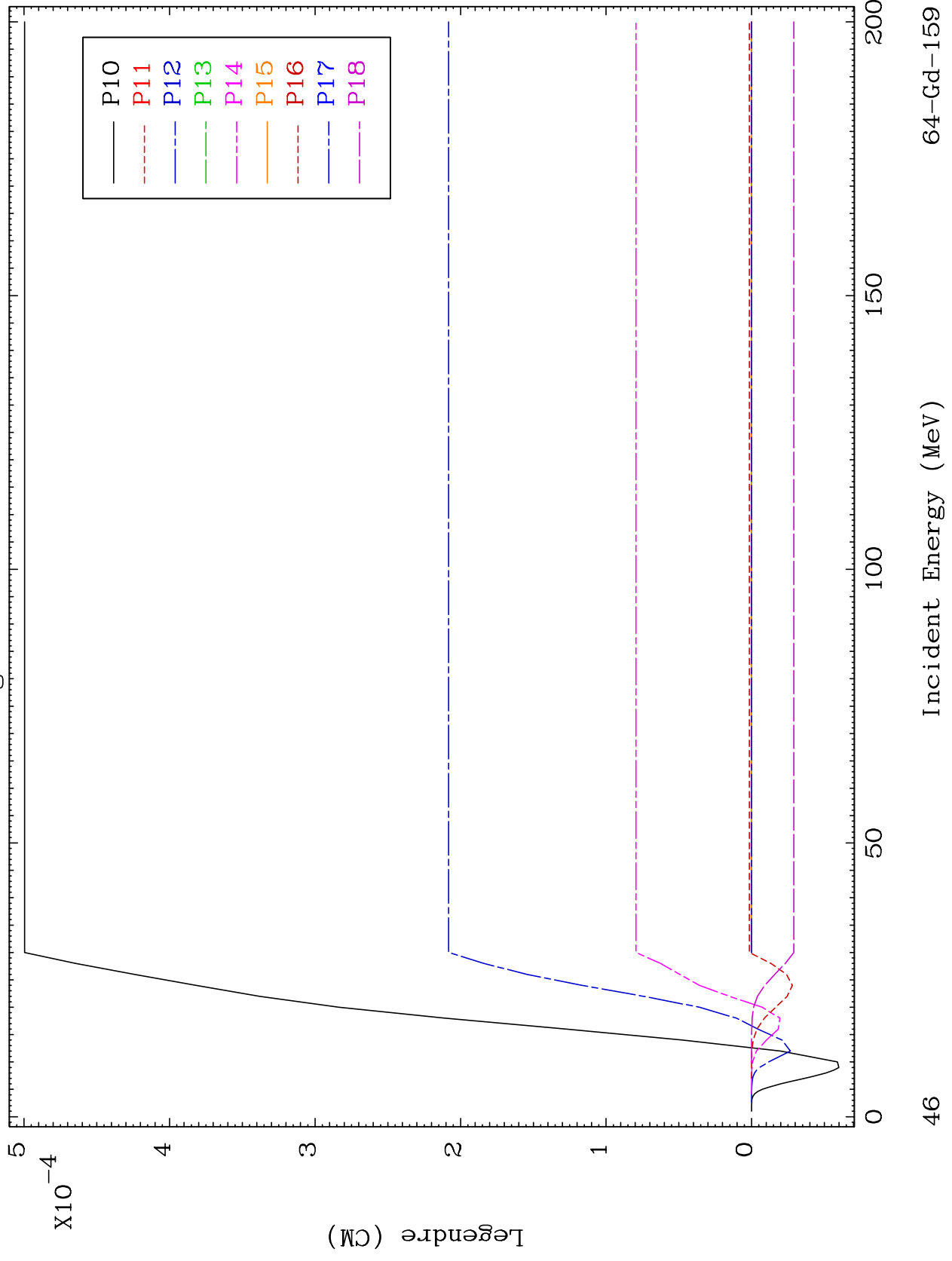
Incident Energy (MeV)

45

MAT 6446

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

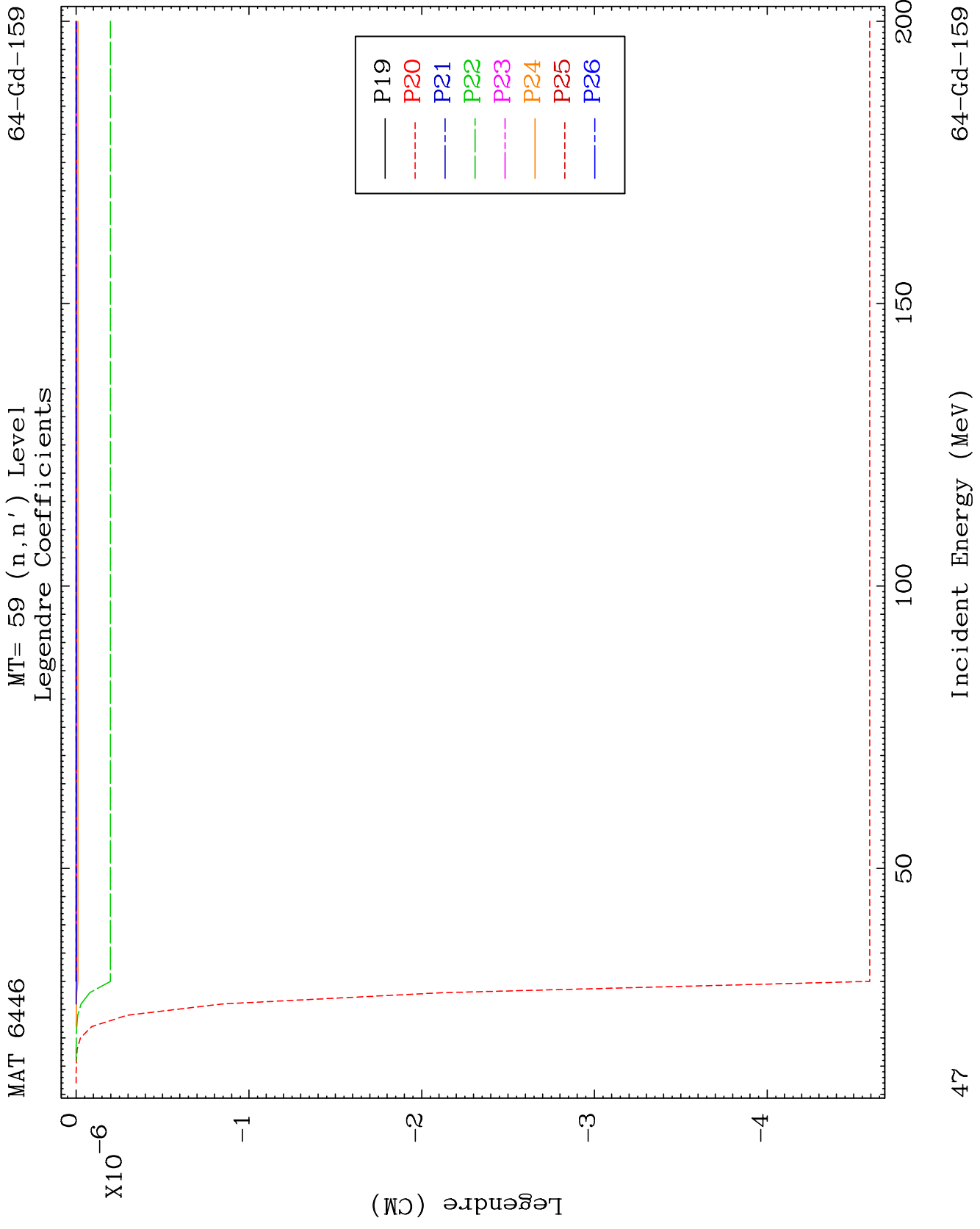
64-Gd-159



64-Gd-159

Incident Energy (MeV)

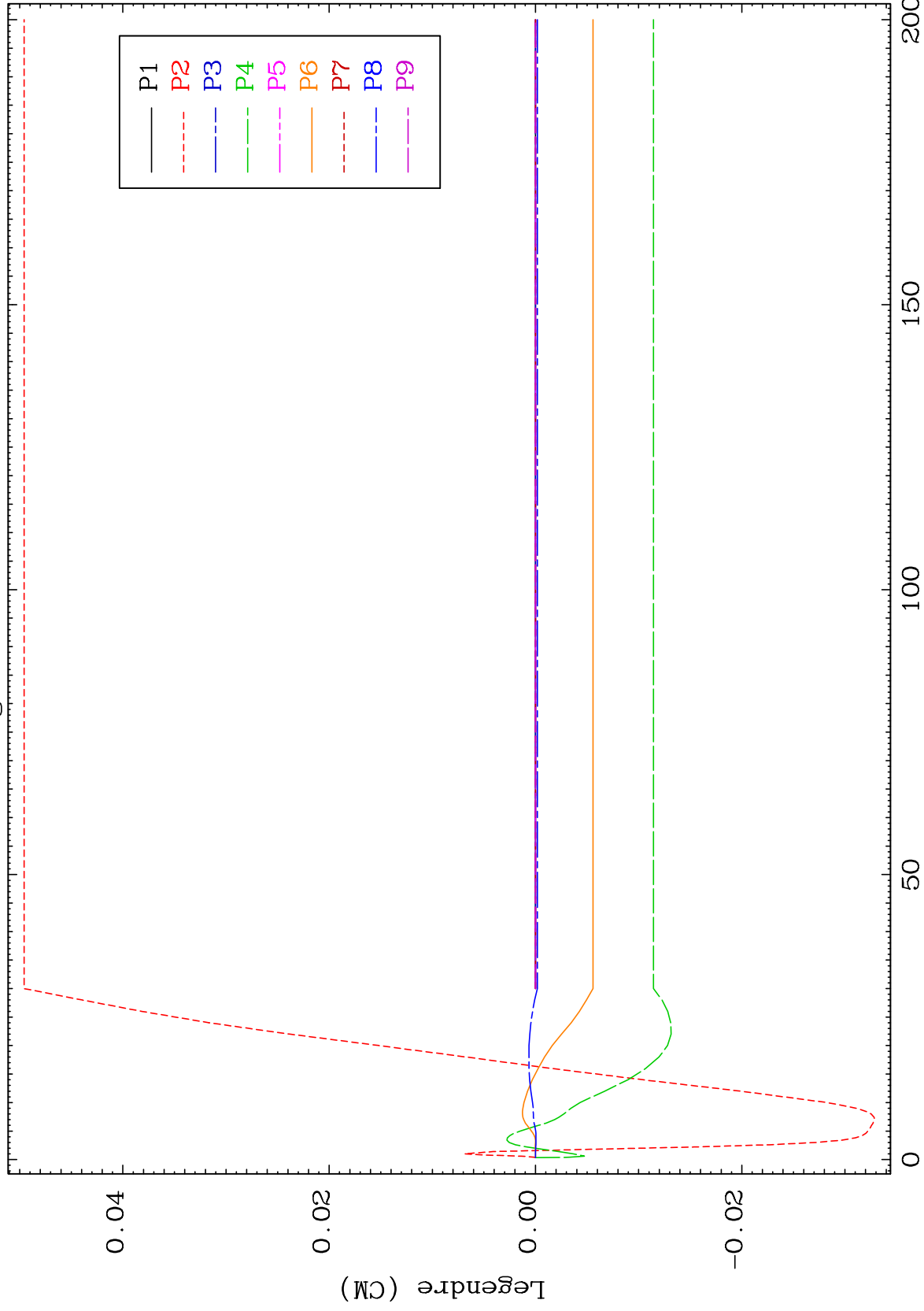
46



MAT 6446

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

64-Gd-159



48

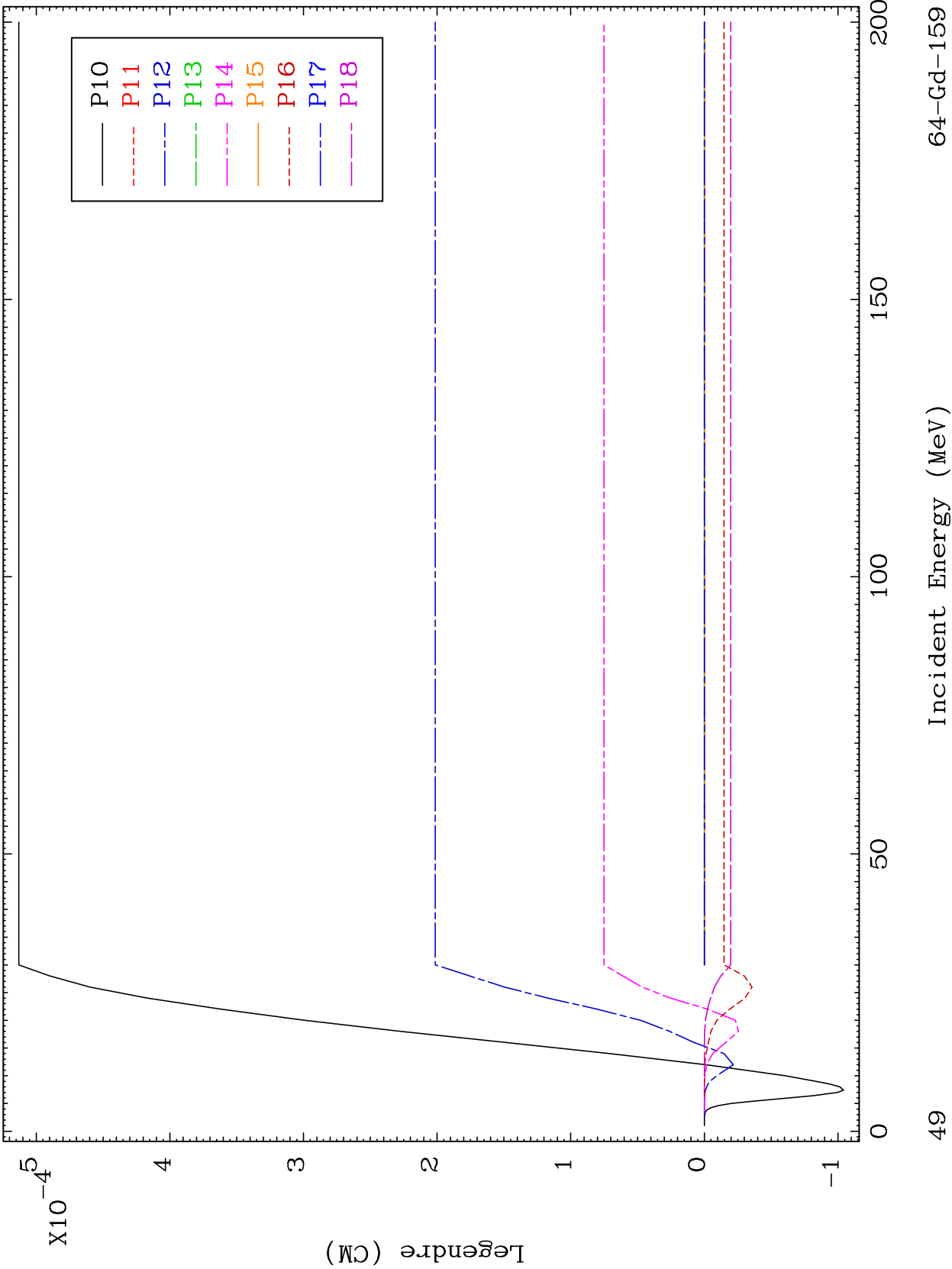
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

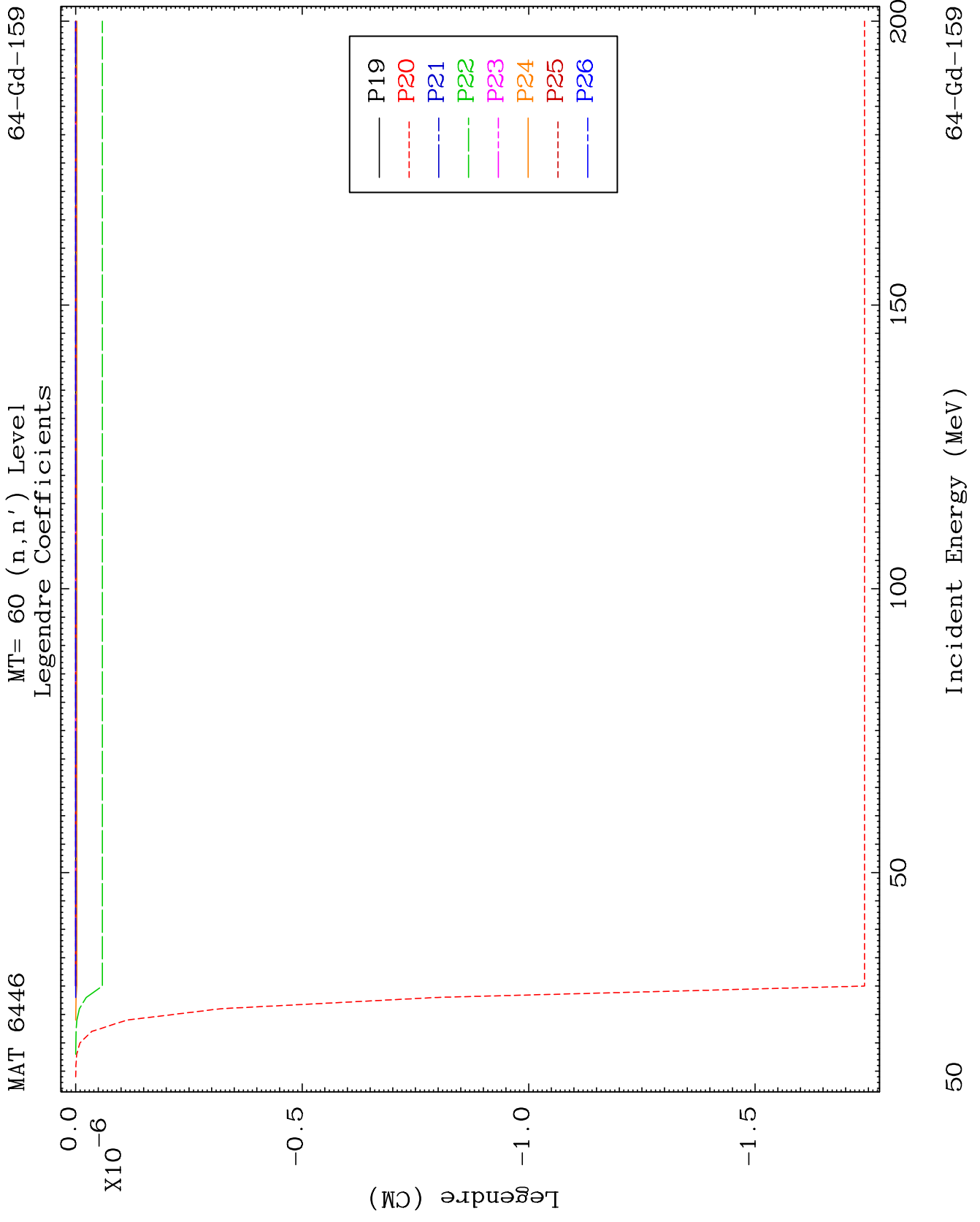
64-Gd-159



49

Incident Energy (MeV)

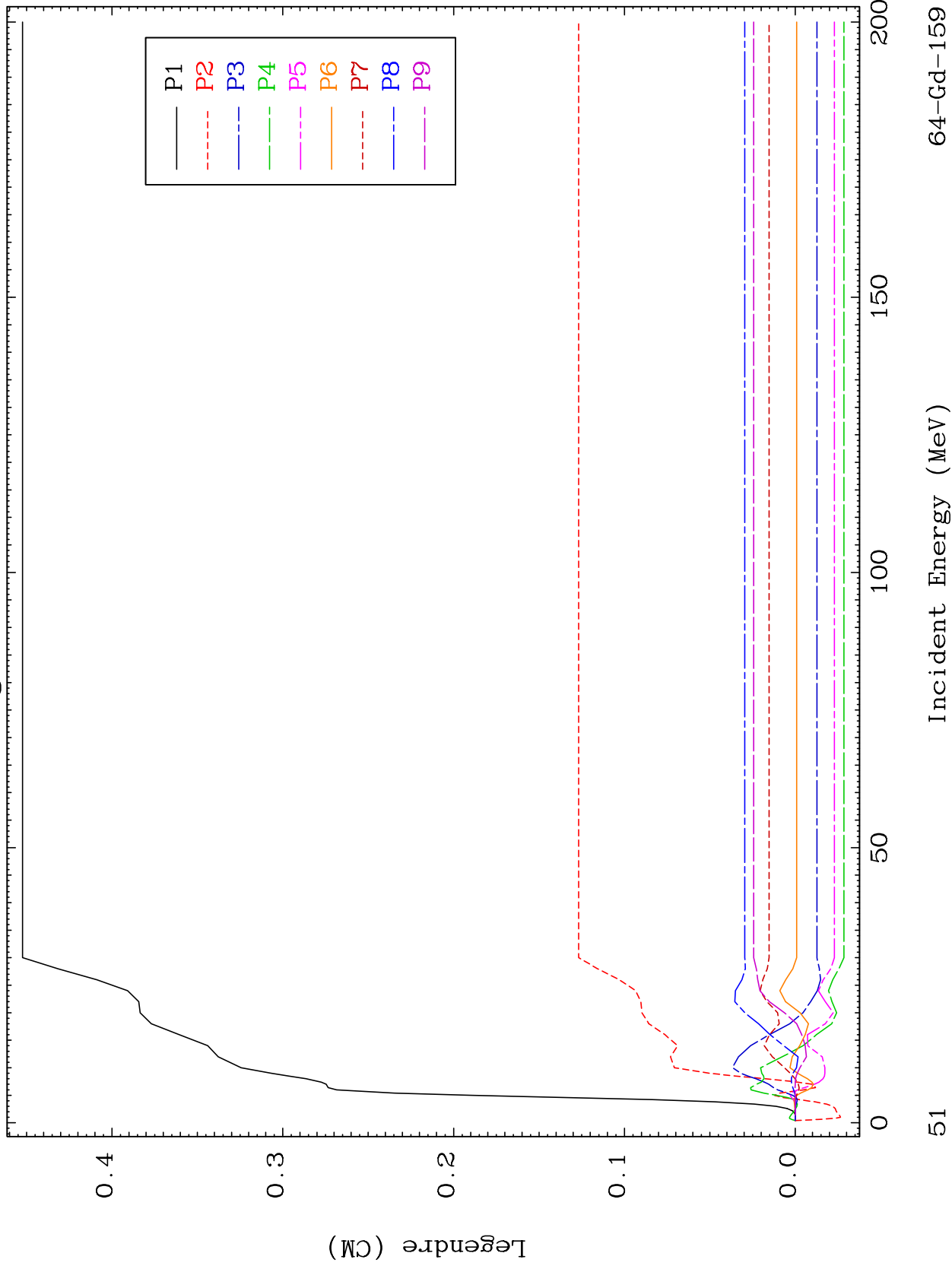
64-Gd-159



MAT 6446

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

64-Gd-159



51

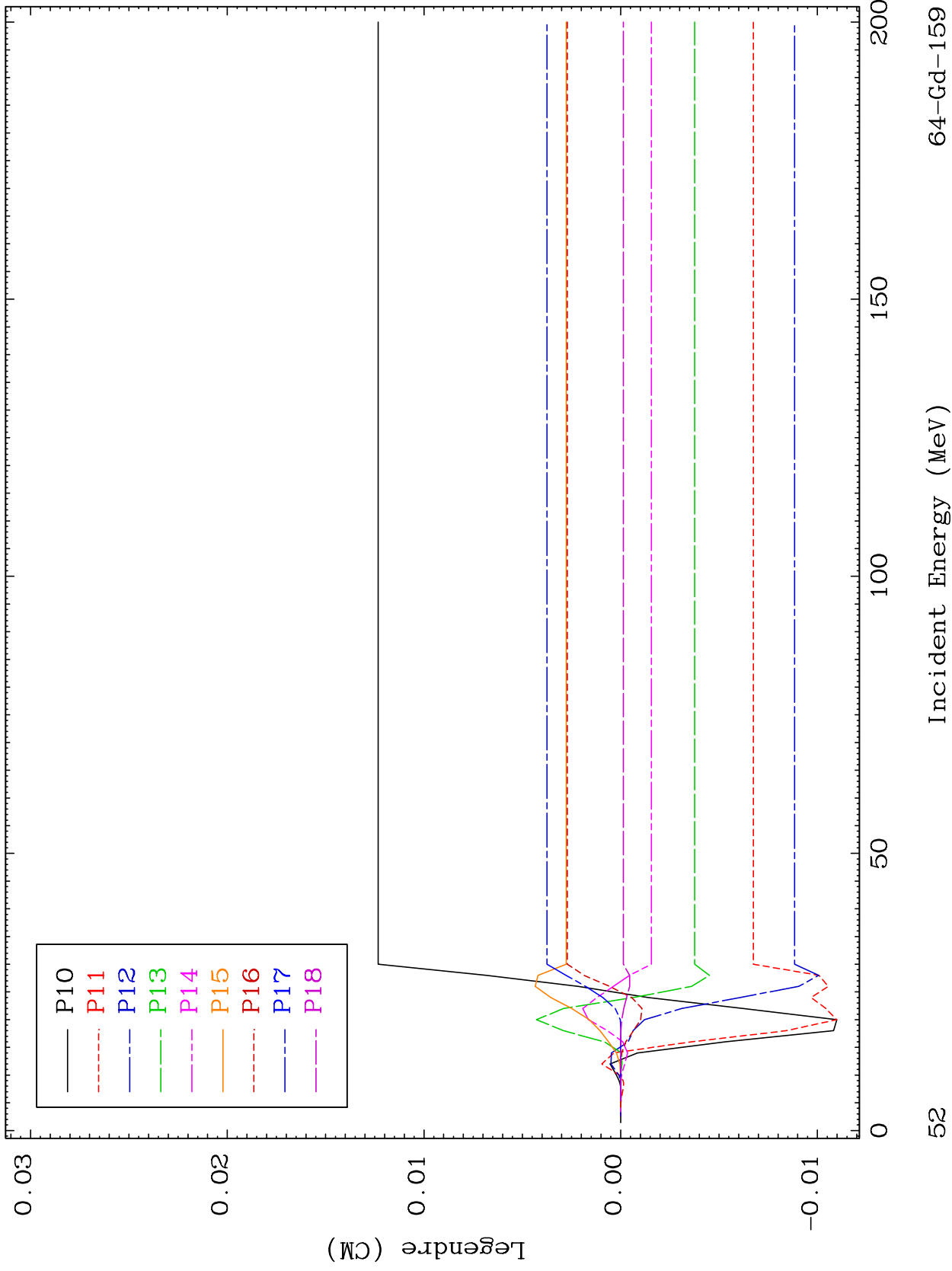
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

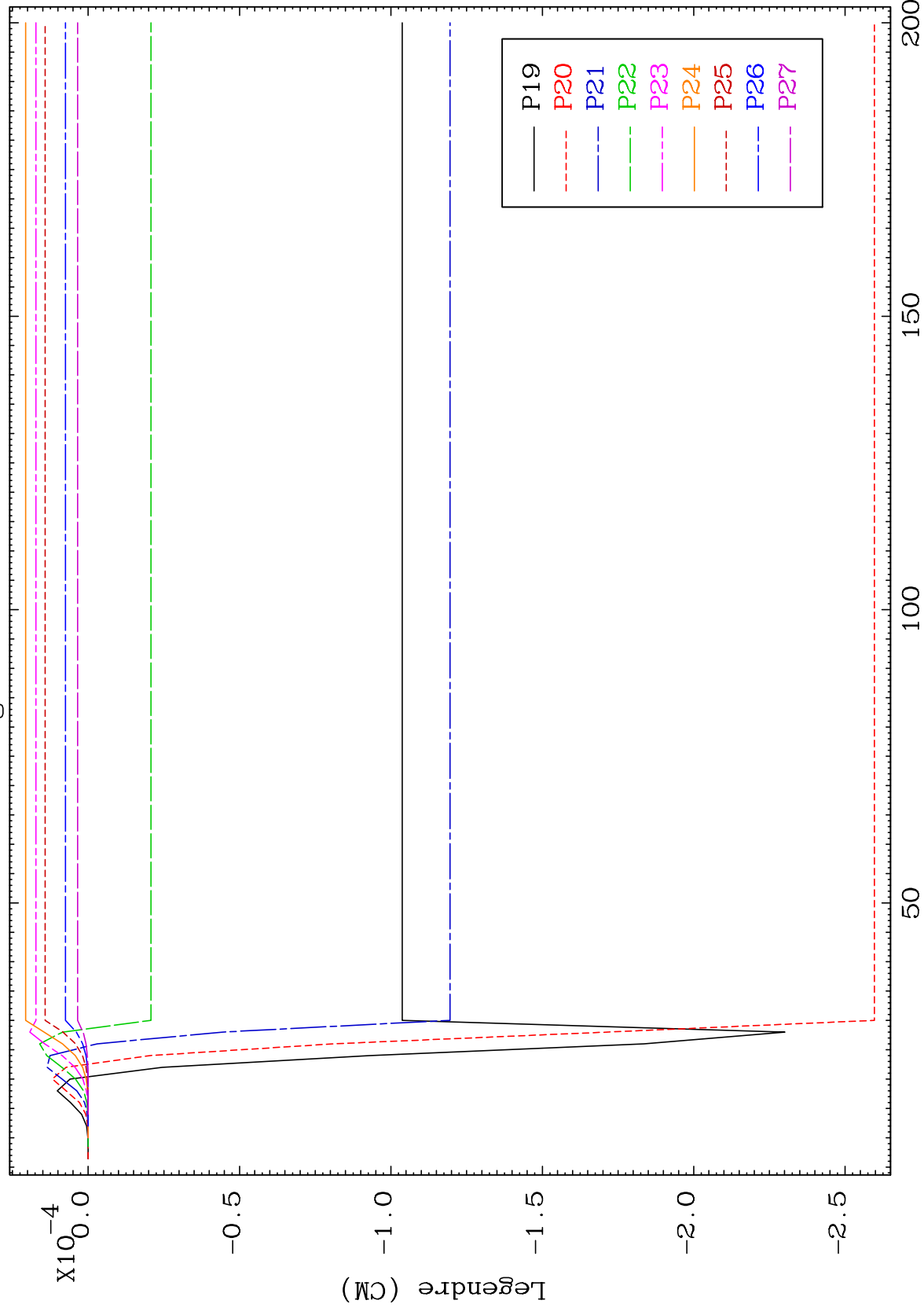
Incident Energy (MeV)

52

MAT 6446

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

64-Gd-159



53

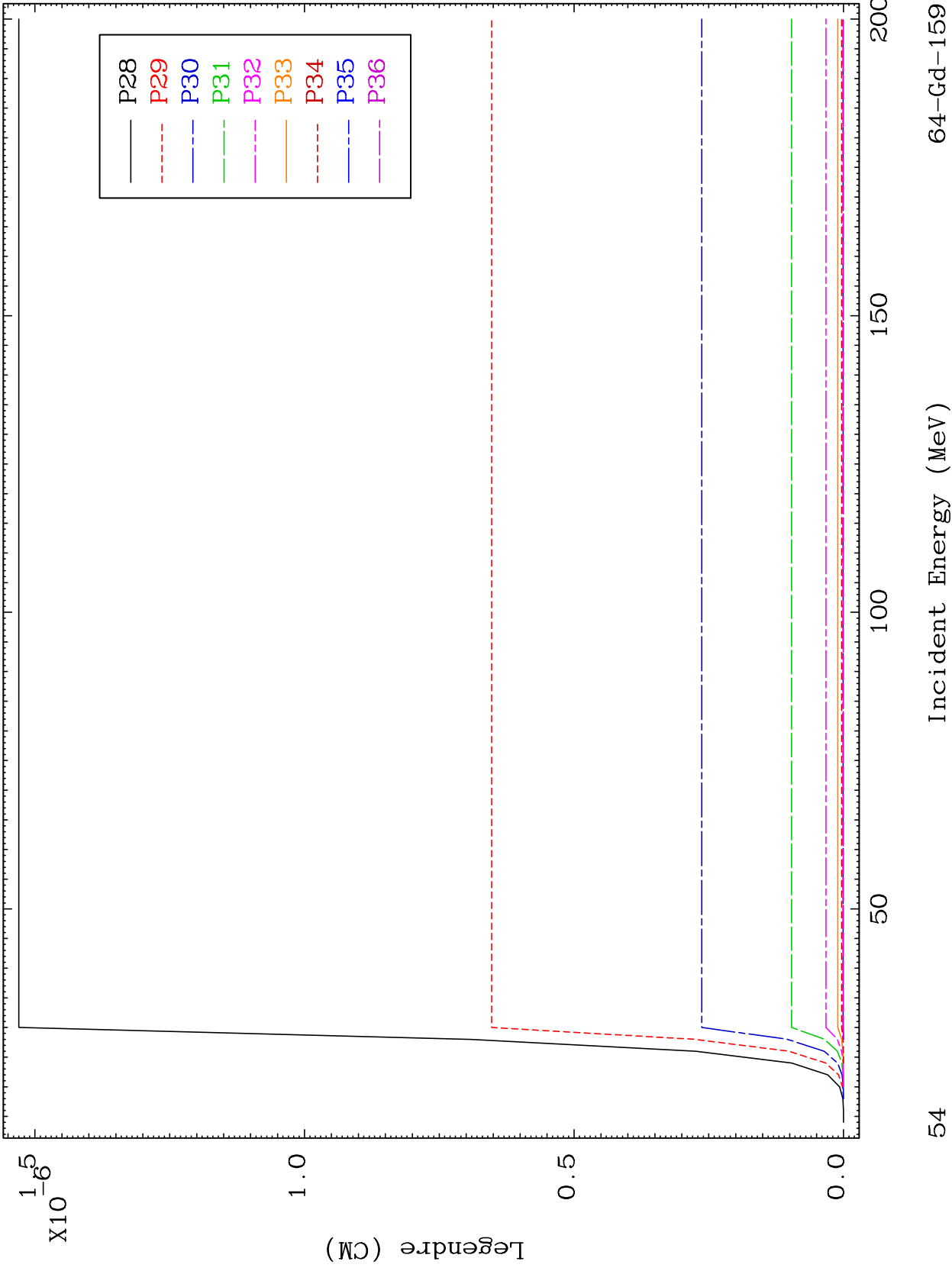
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



54

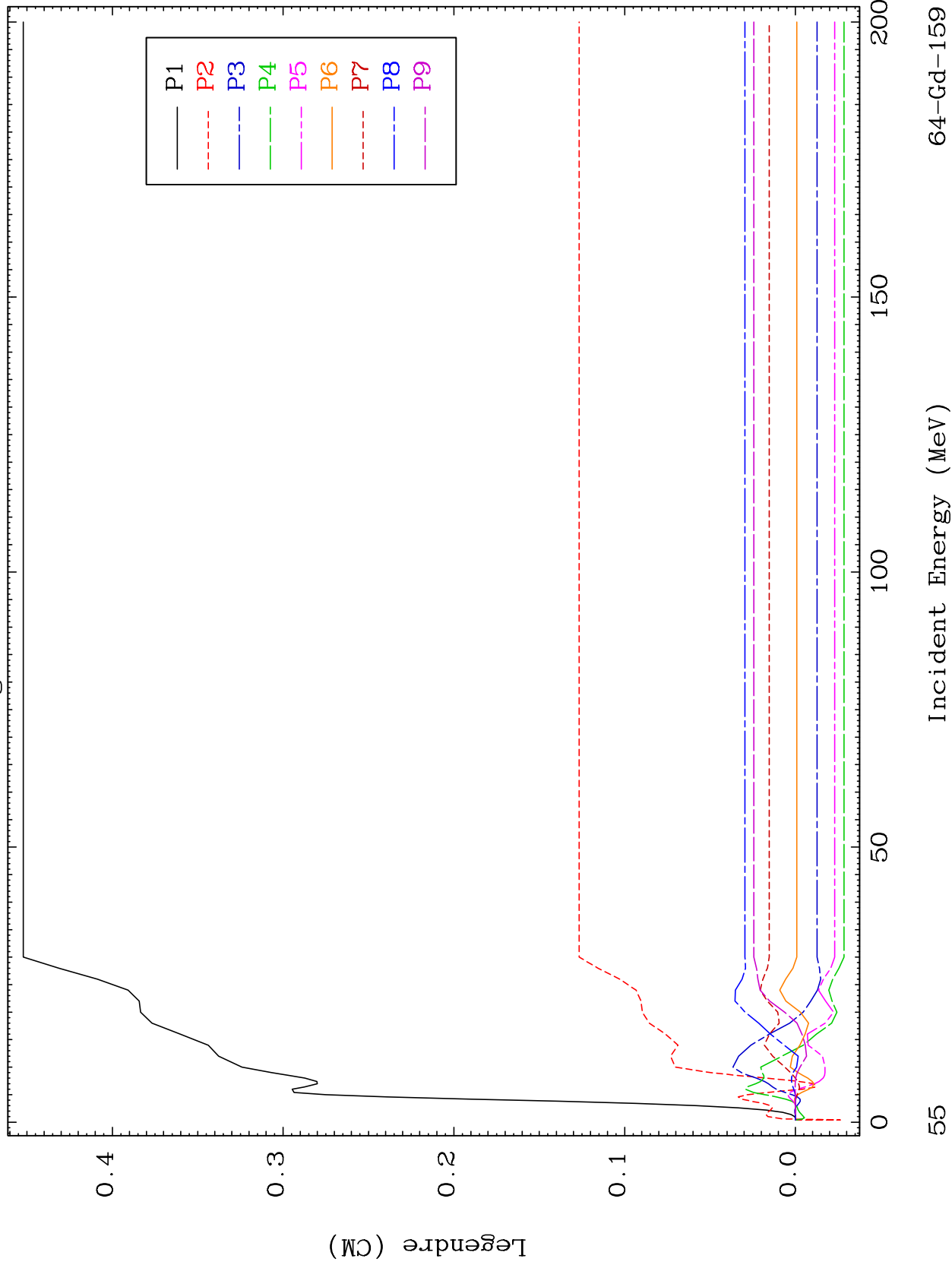
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



64-Gd-159

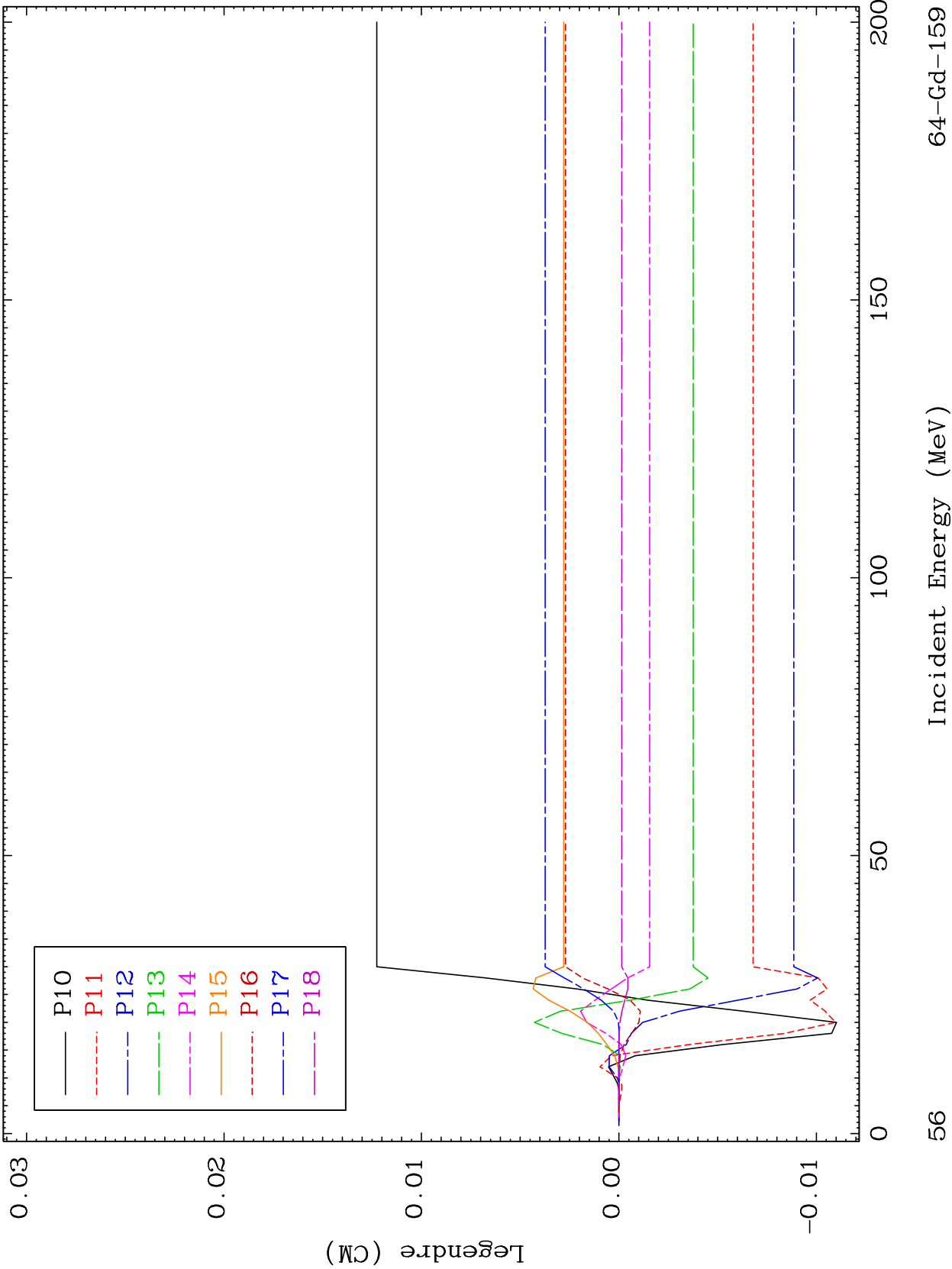
Incident Energy (MeV)

55

MAT 6446

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

64-Gd-159



64-Gd-159

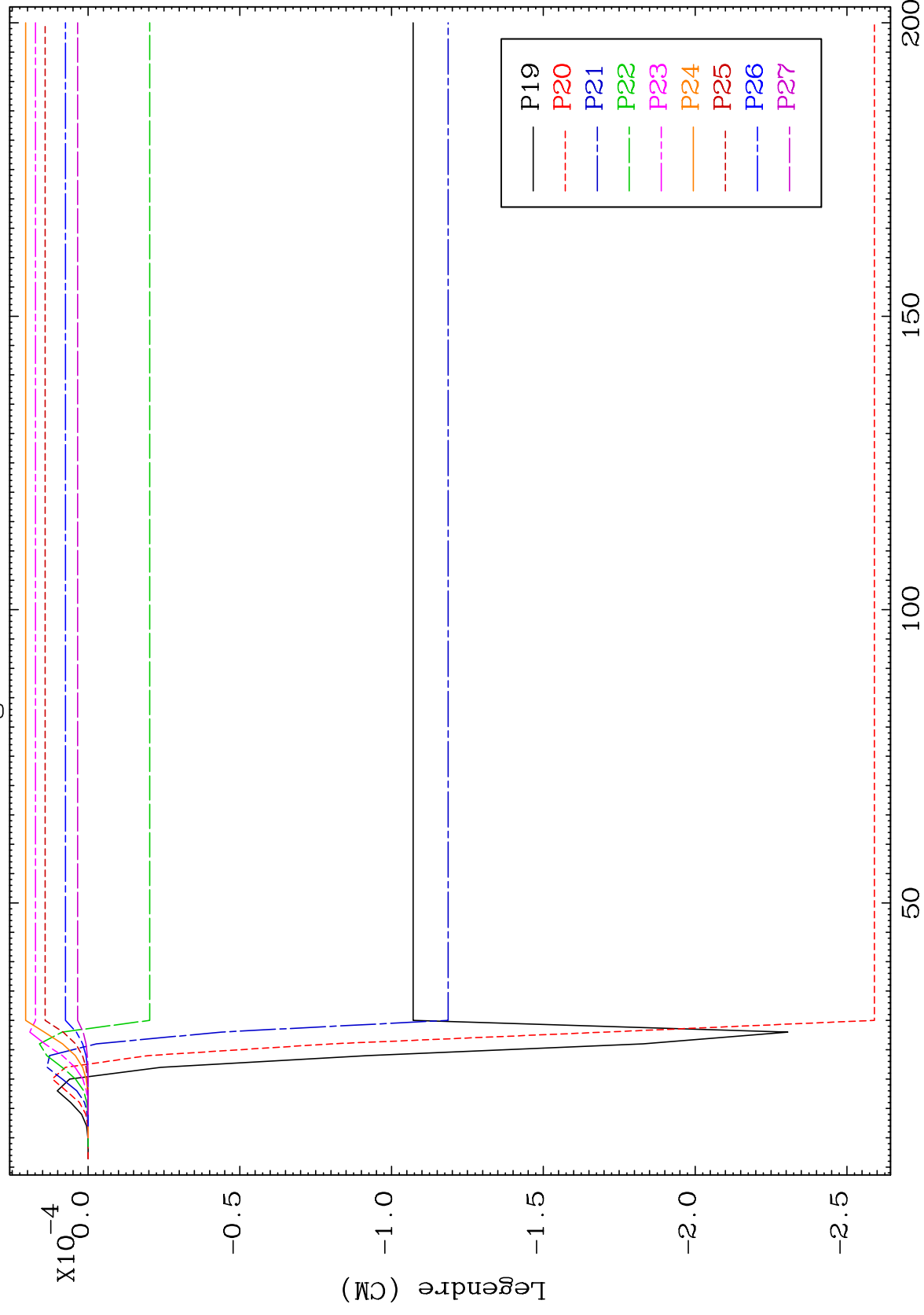
Incident Energy (MeV)

56

MAT 6446

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

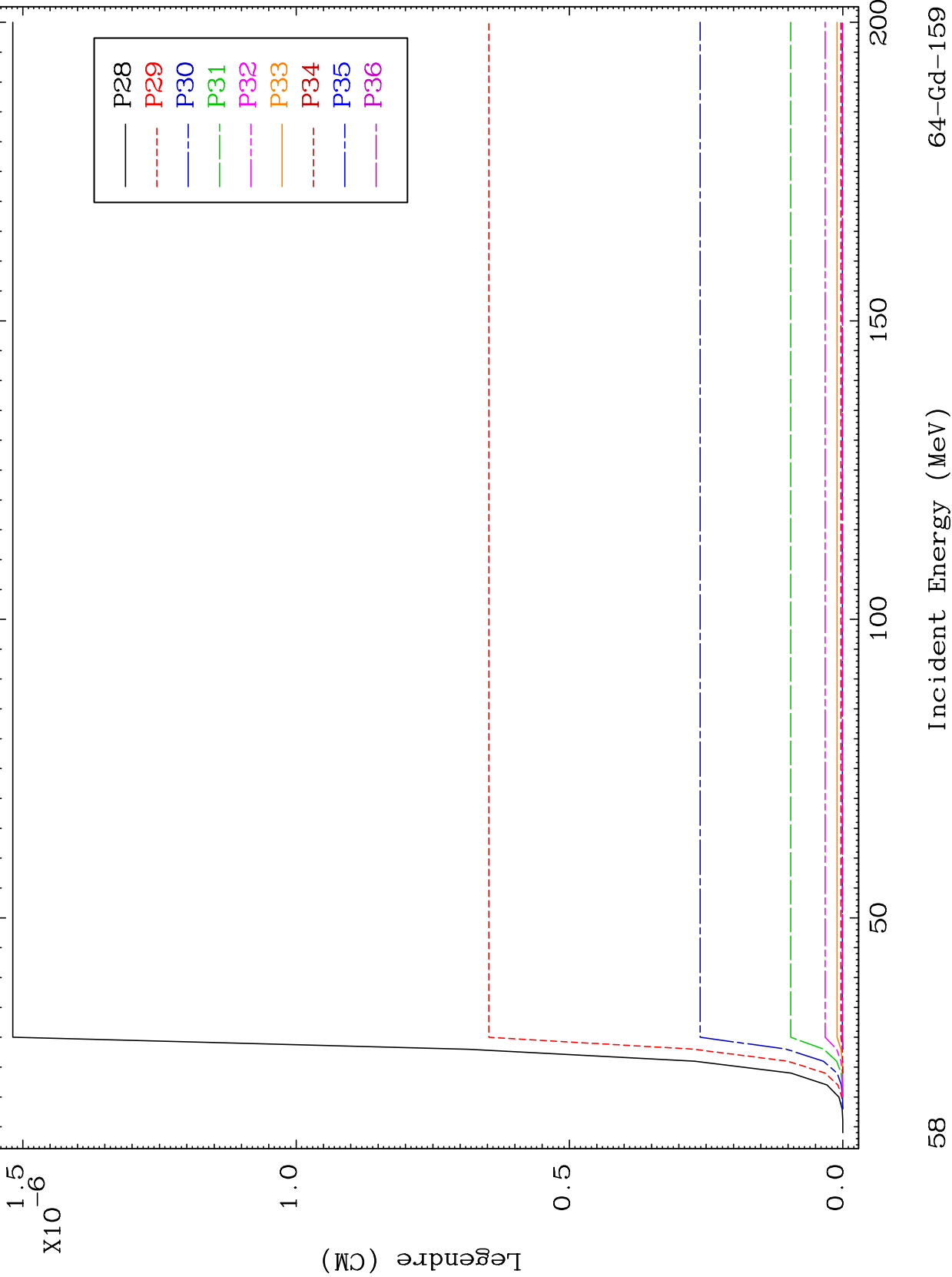
64-Gd-159



MAT 6446

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

64-Gd-159



64-Gd-159

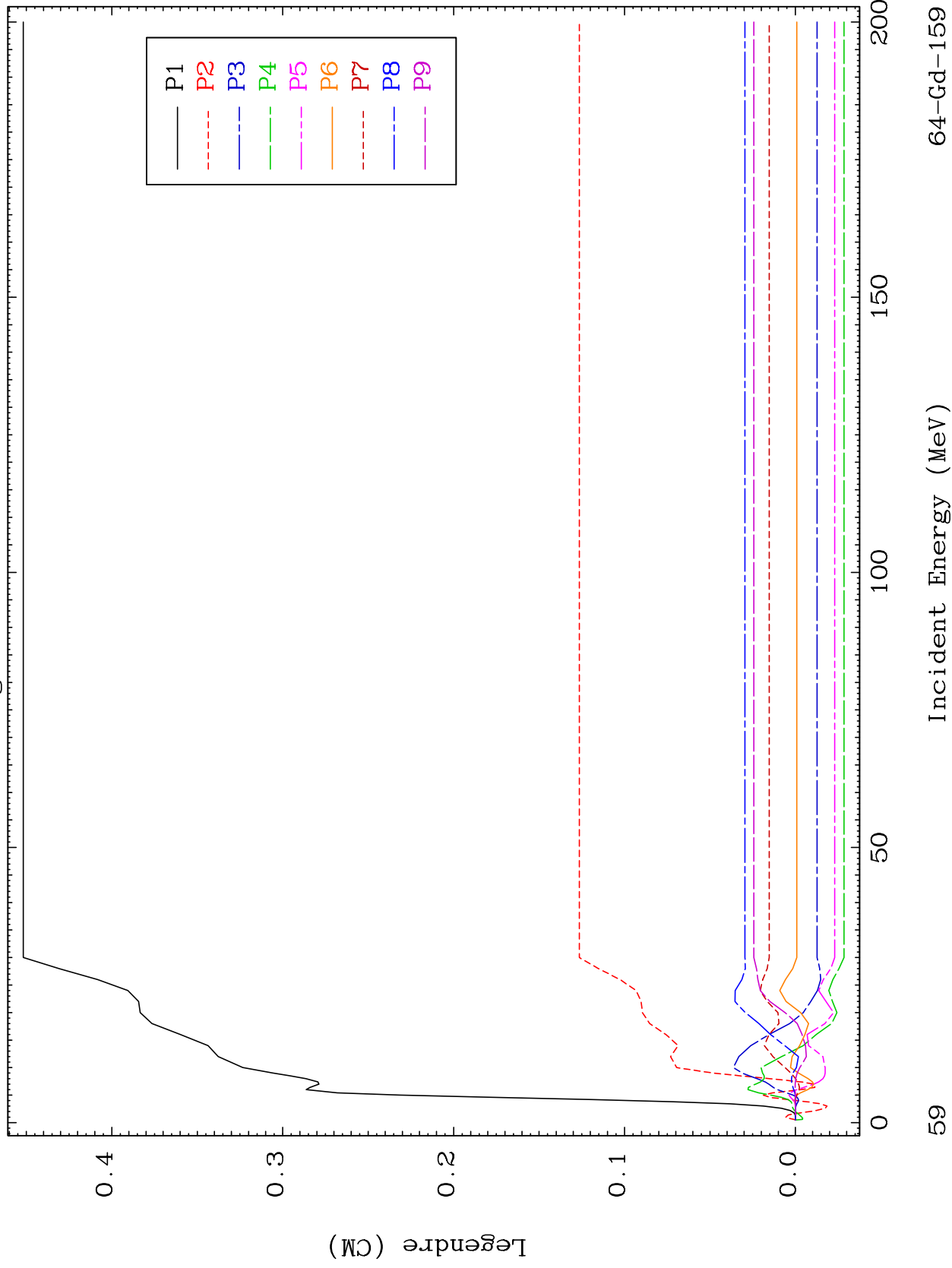
Incident Energy (MeV)

58

MAT 6446

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

64-Gd-159



64-Gd-159

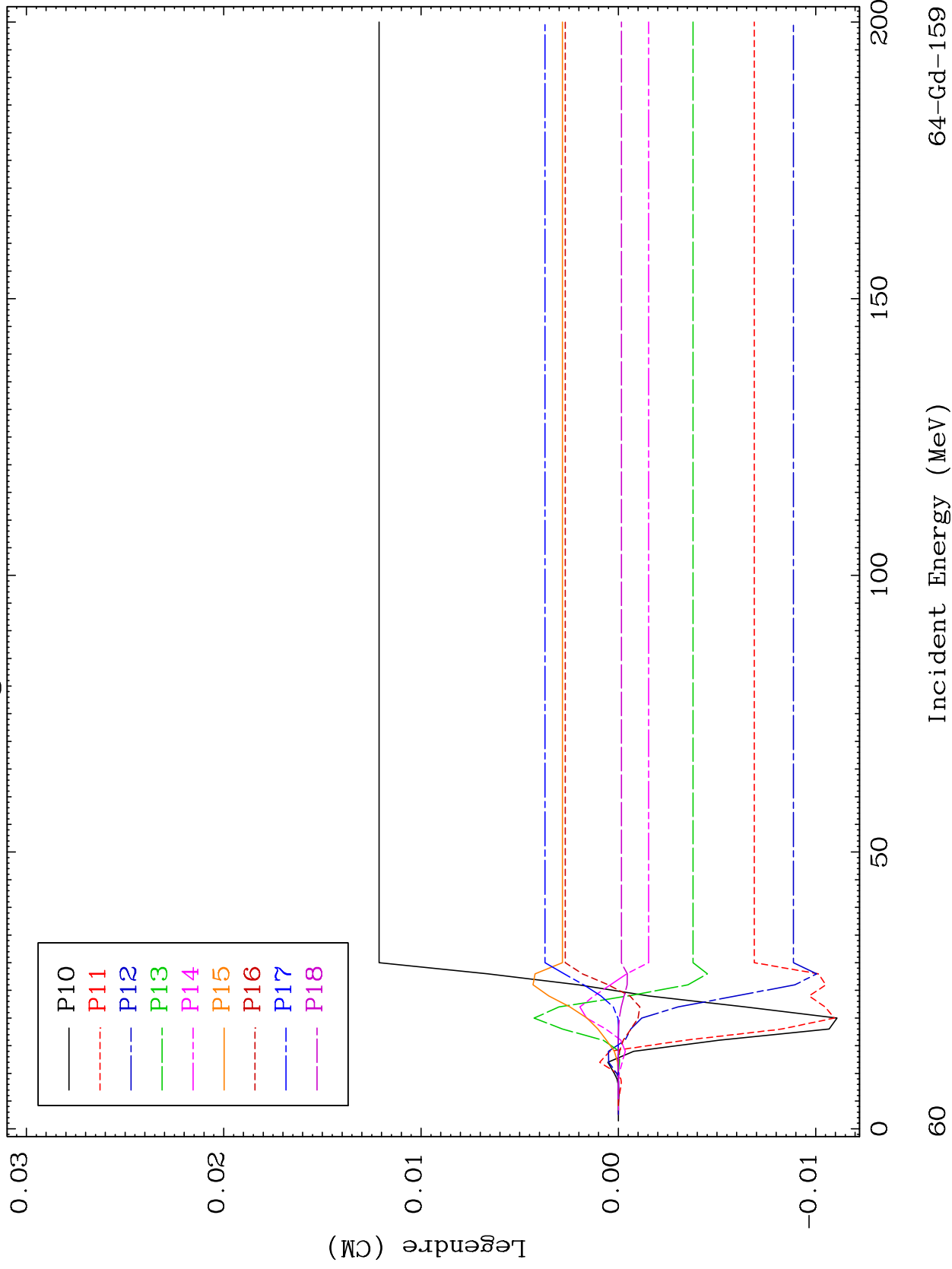
Incident Energy (MeV)

59

MAT 6446

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

64-Gd-159



64-Gd-159

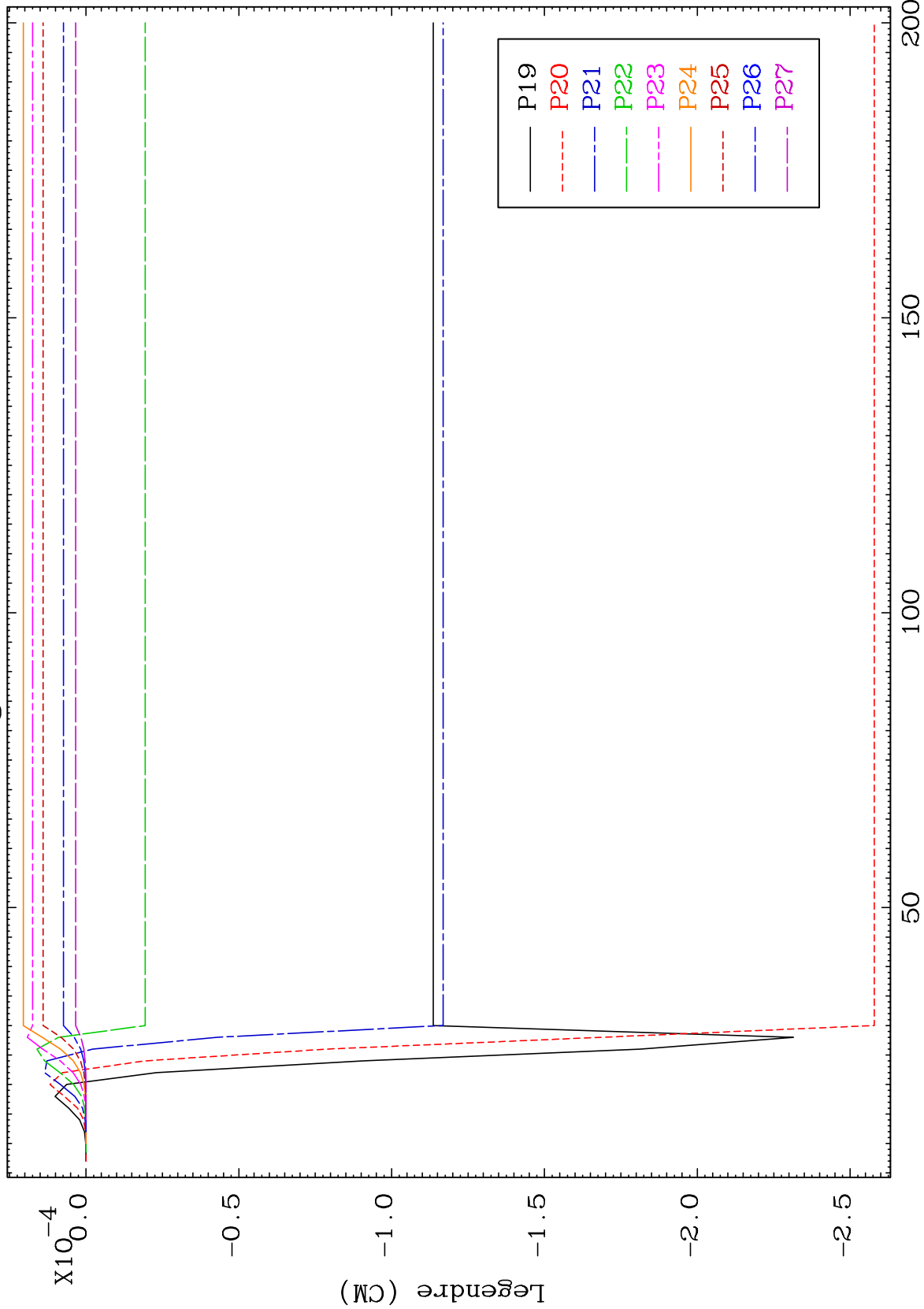
Incident Energy (MeV)

MAT 6446

MT= 63 (n,n') Level

64-Gd-159

Legendre Coefficients



61

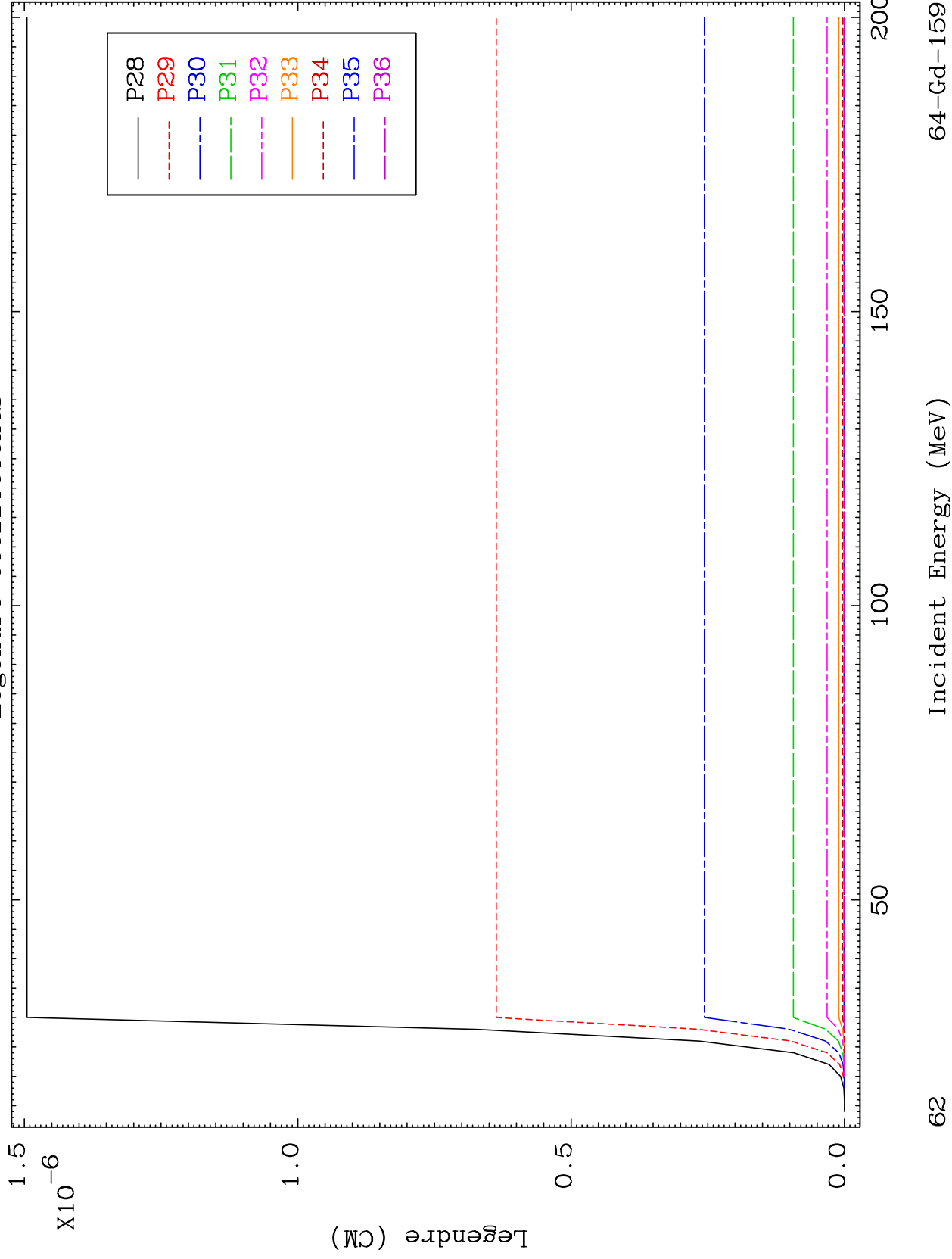
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

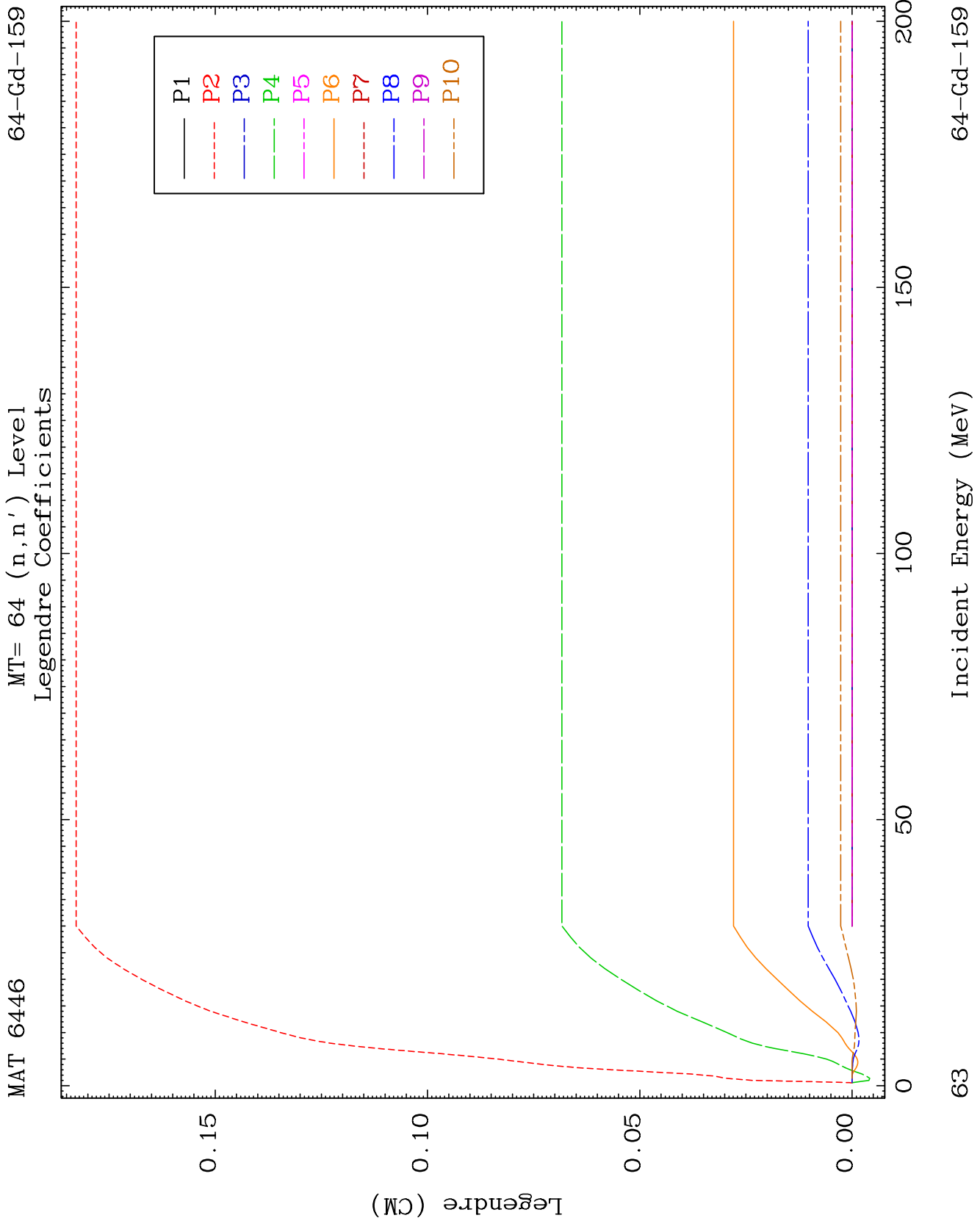
64-Gd-159



62

Incident Energy (MeV)

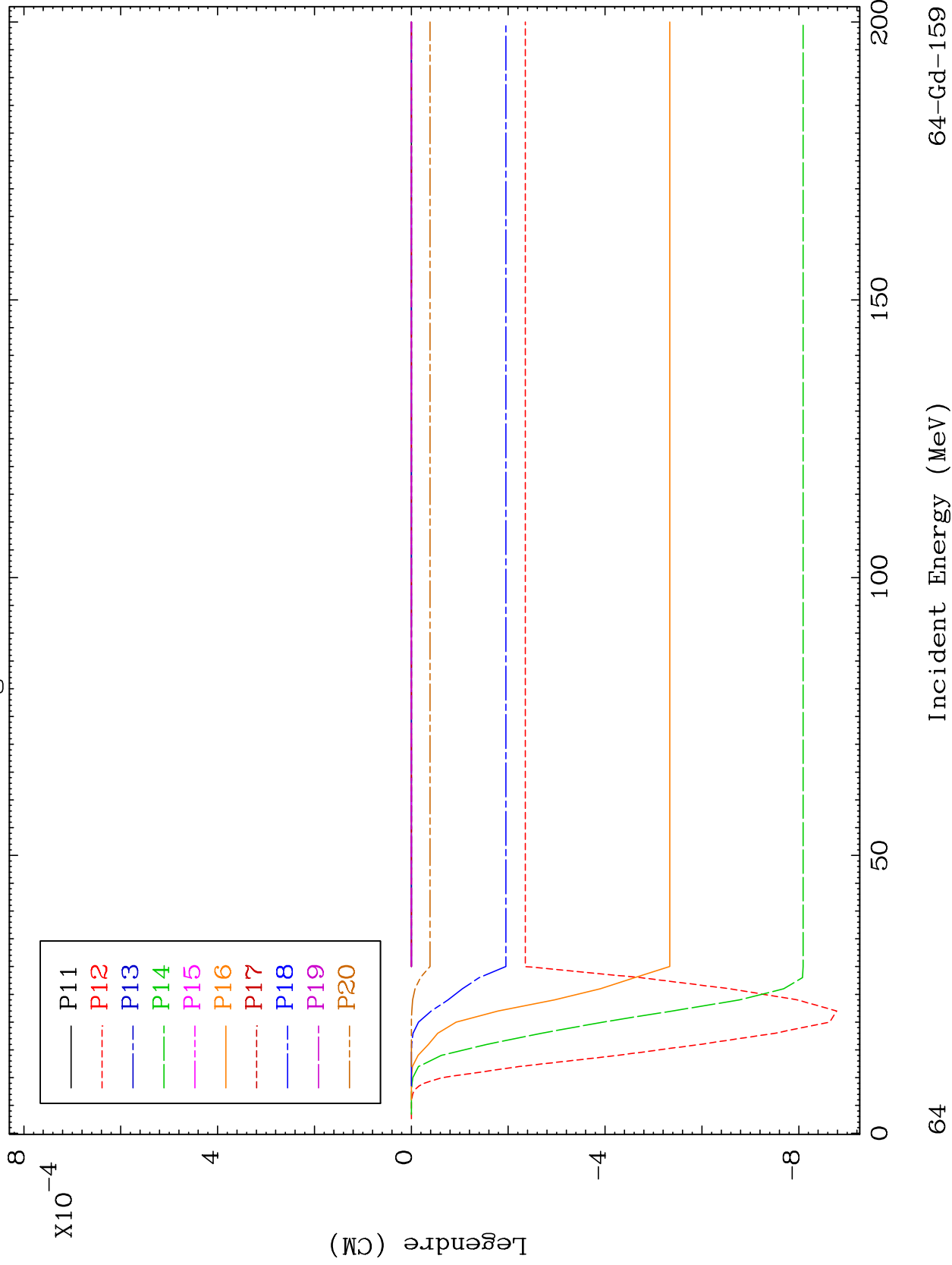
64-Gd-159



MAT 6446

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

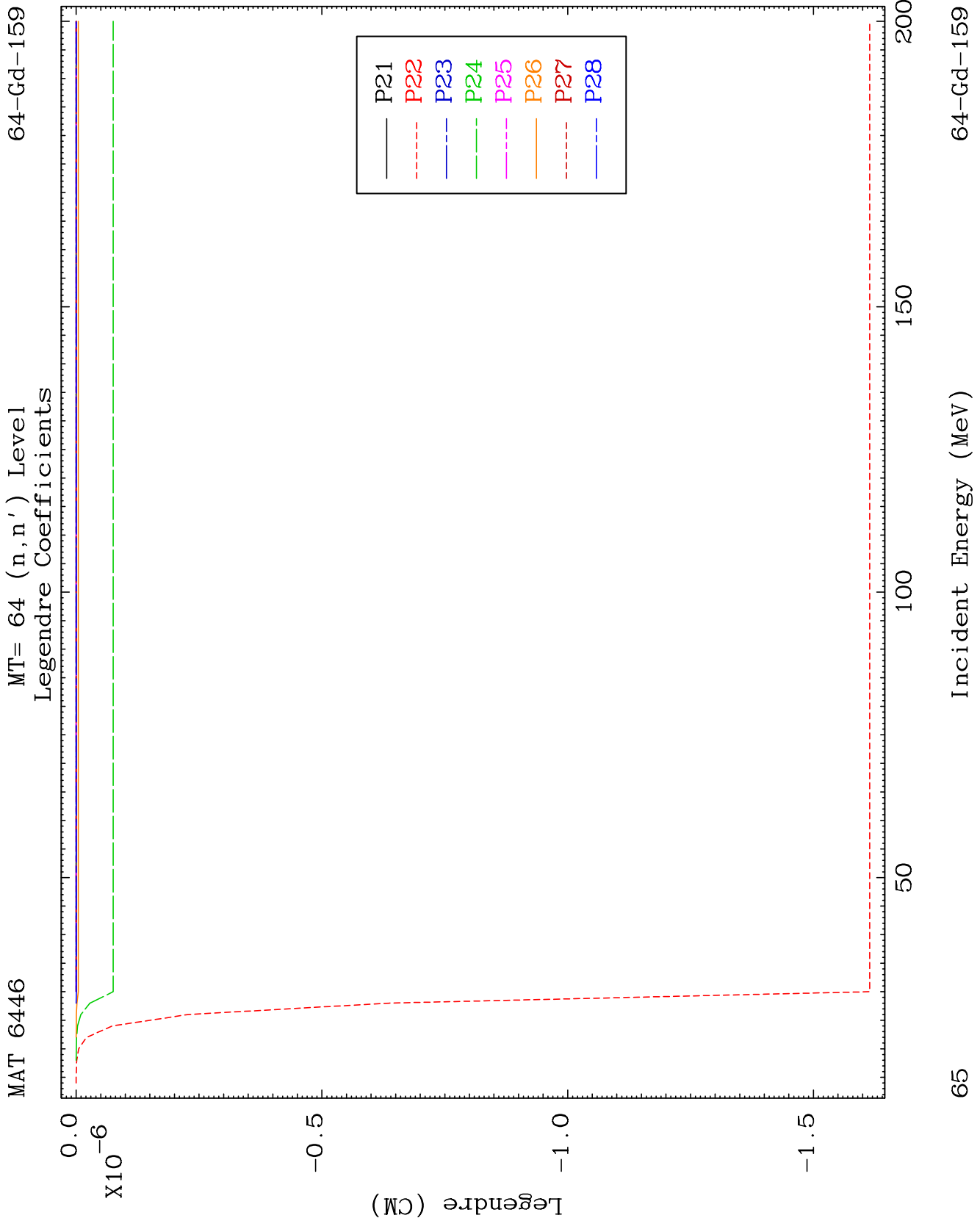
64-Gd-159



64

Incident Energy (MeV)

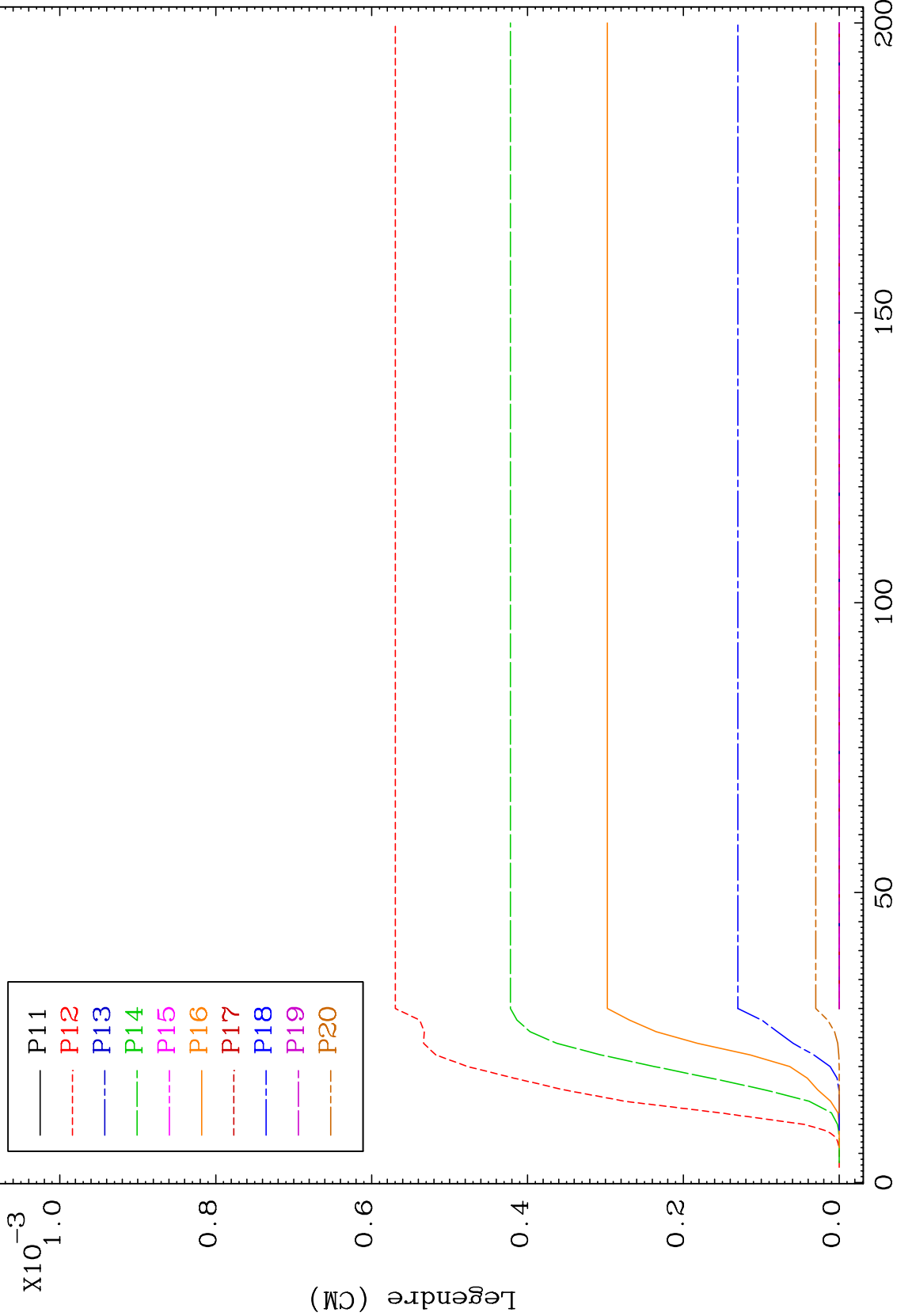
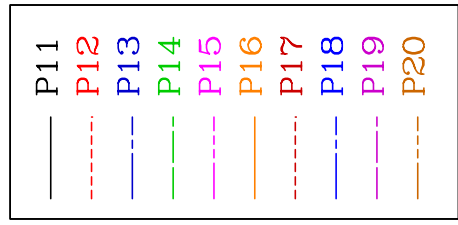
64-Gd-159



MAT 6446

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

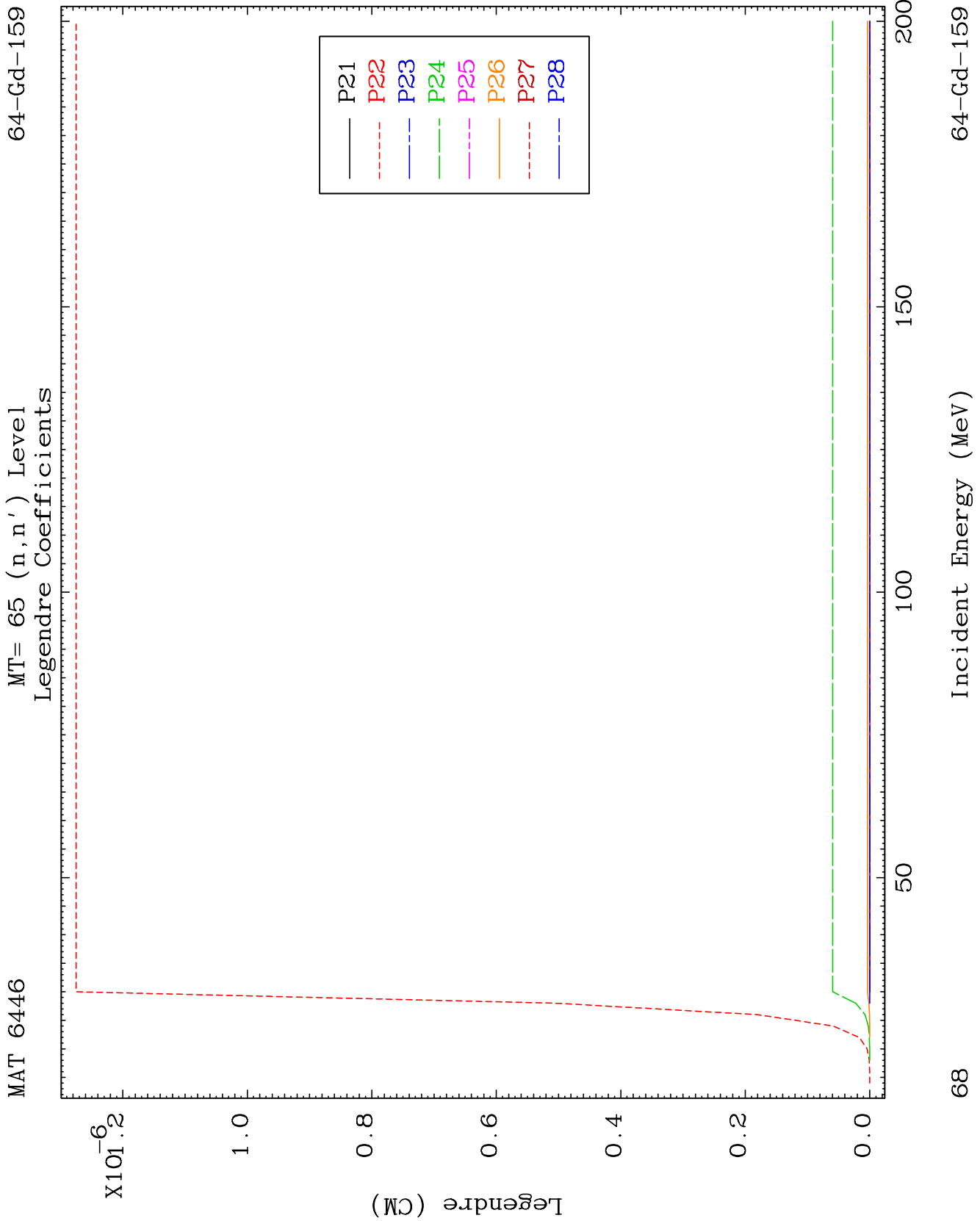
64-Gd-159

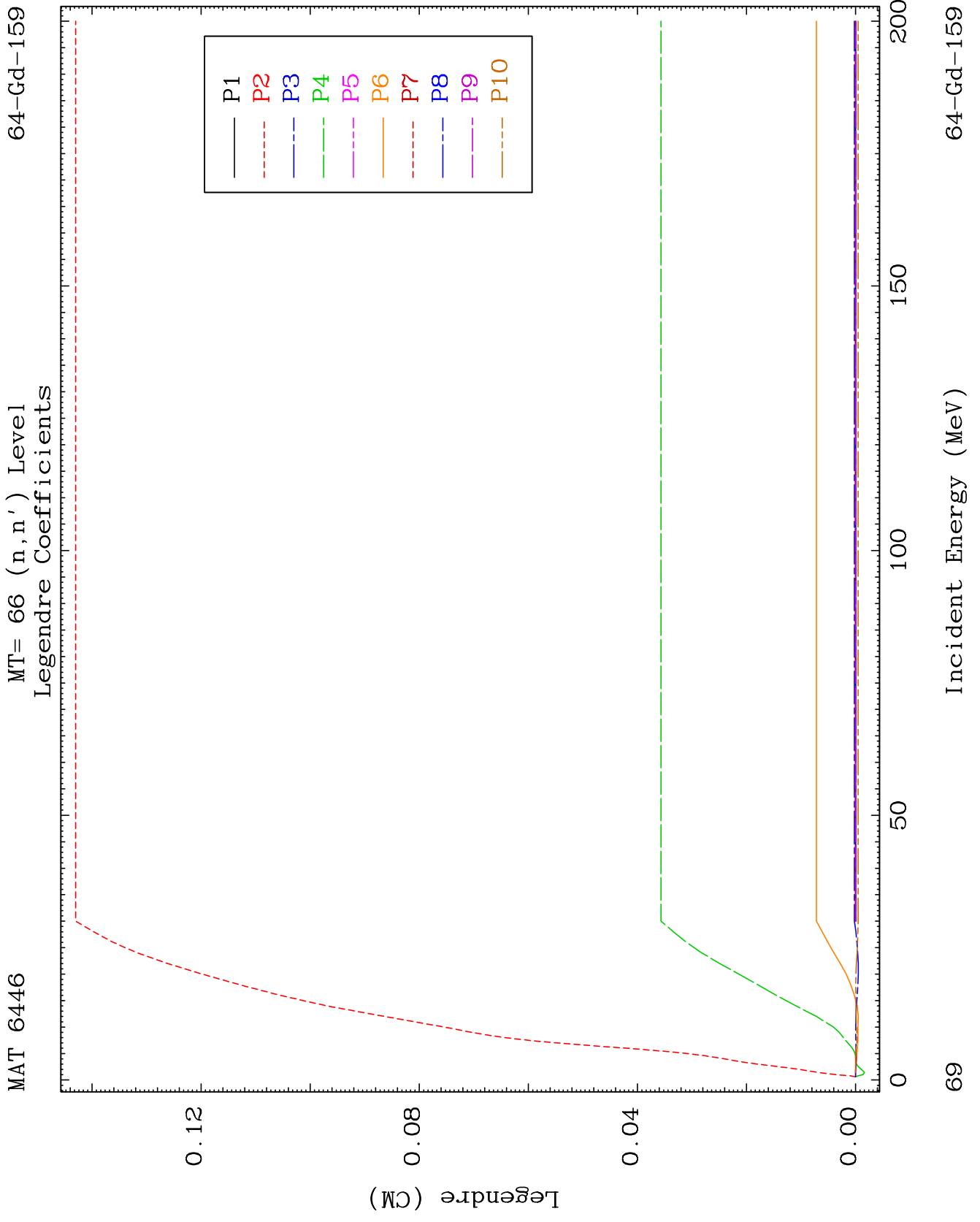


67

Incident Energy (MeV)

64-Gd-159

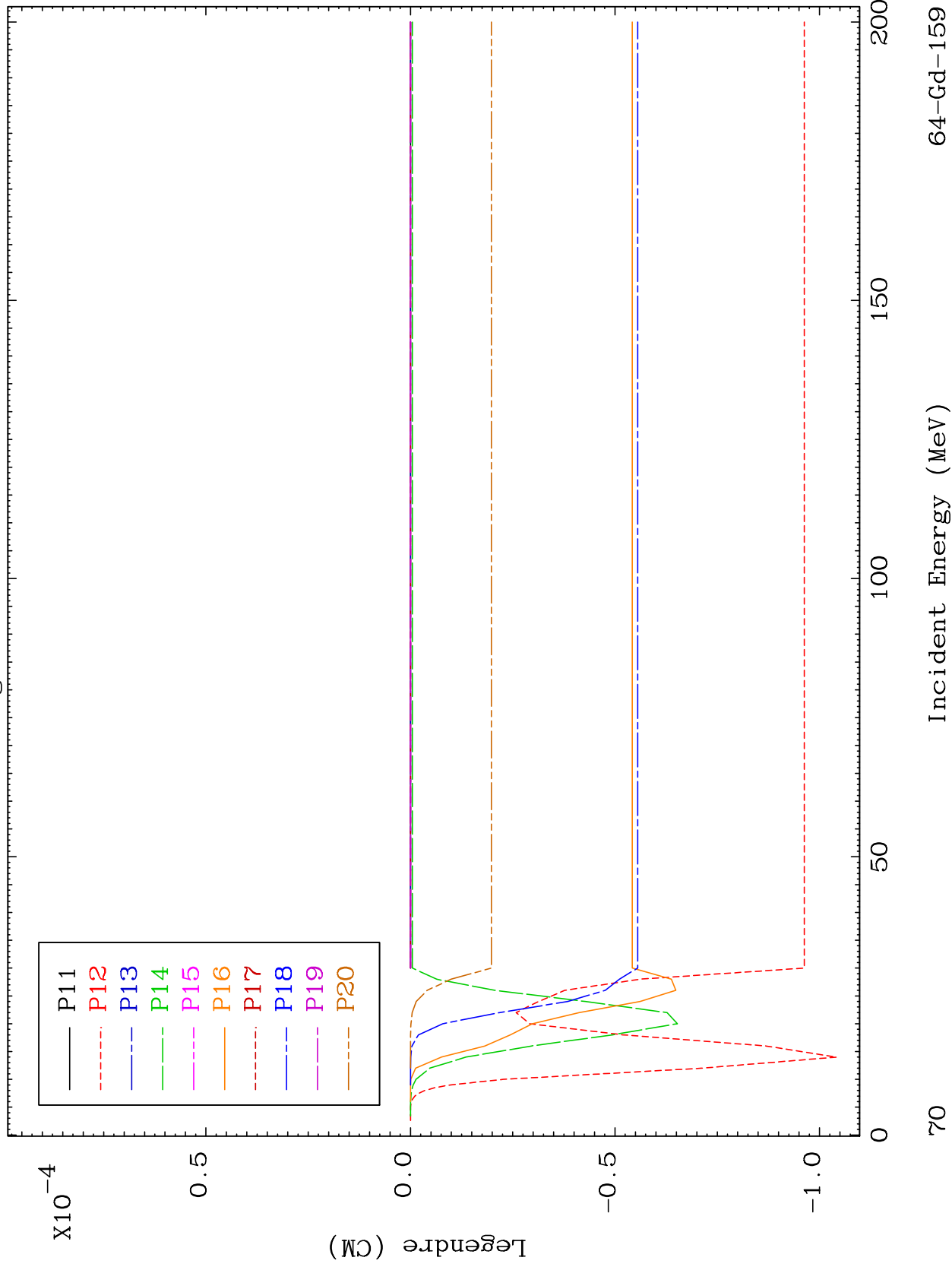




MAT 6446

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

64-Gd-159



64-Gd-159

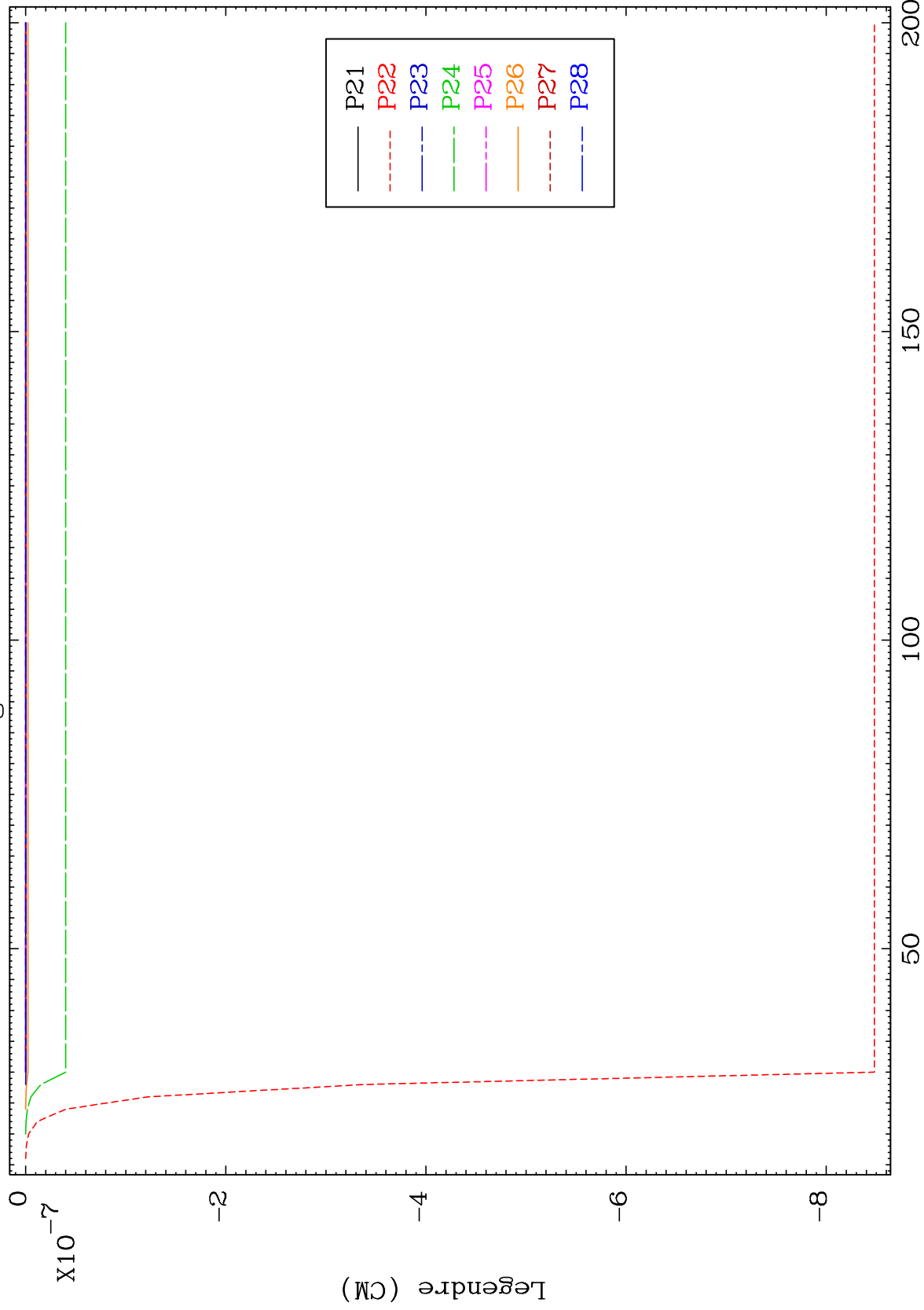
Incident Energy (MeV)

70

MAT 6446

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

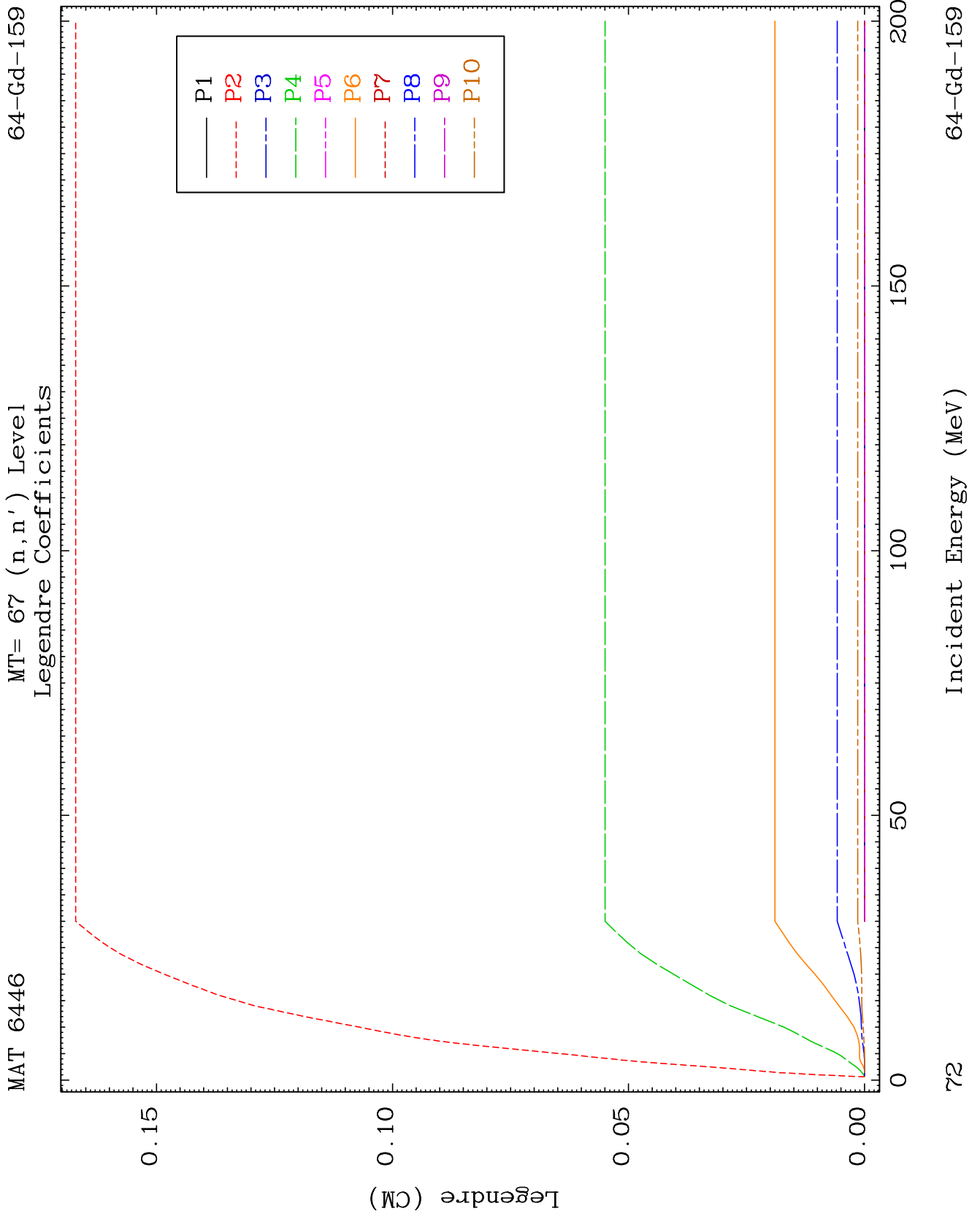
64-Gd-159



71

Incident Energy (MeV)

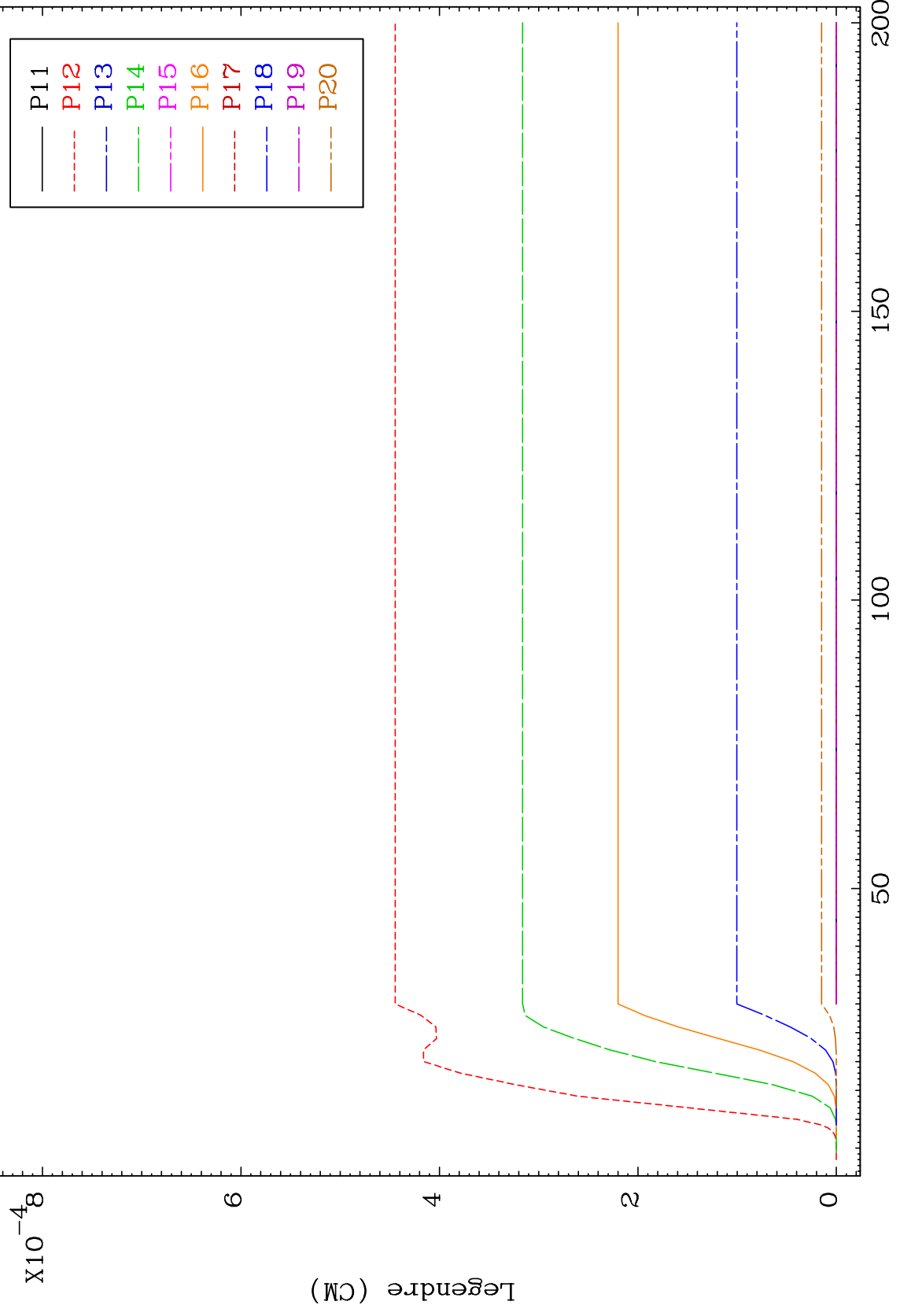
64-Gd-159



MAT 6446

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

64-Gd-159



73

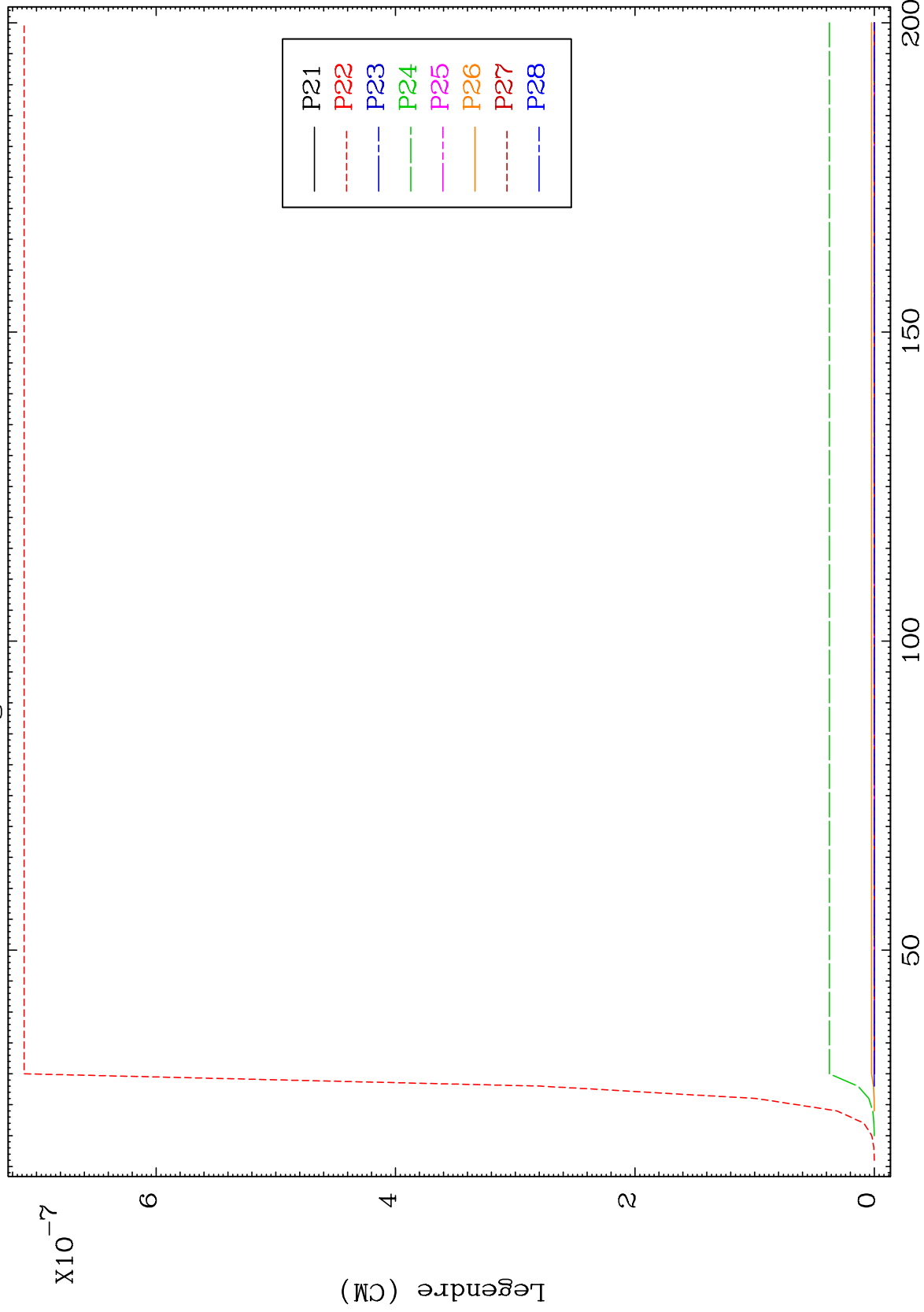
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

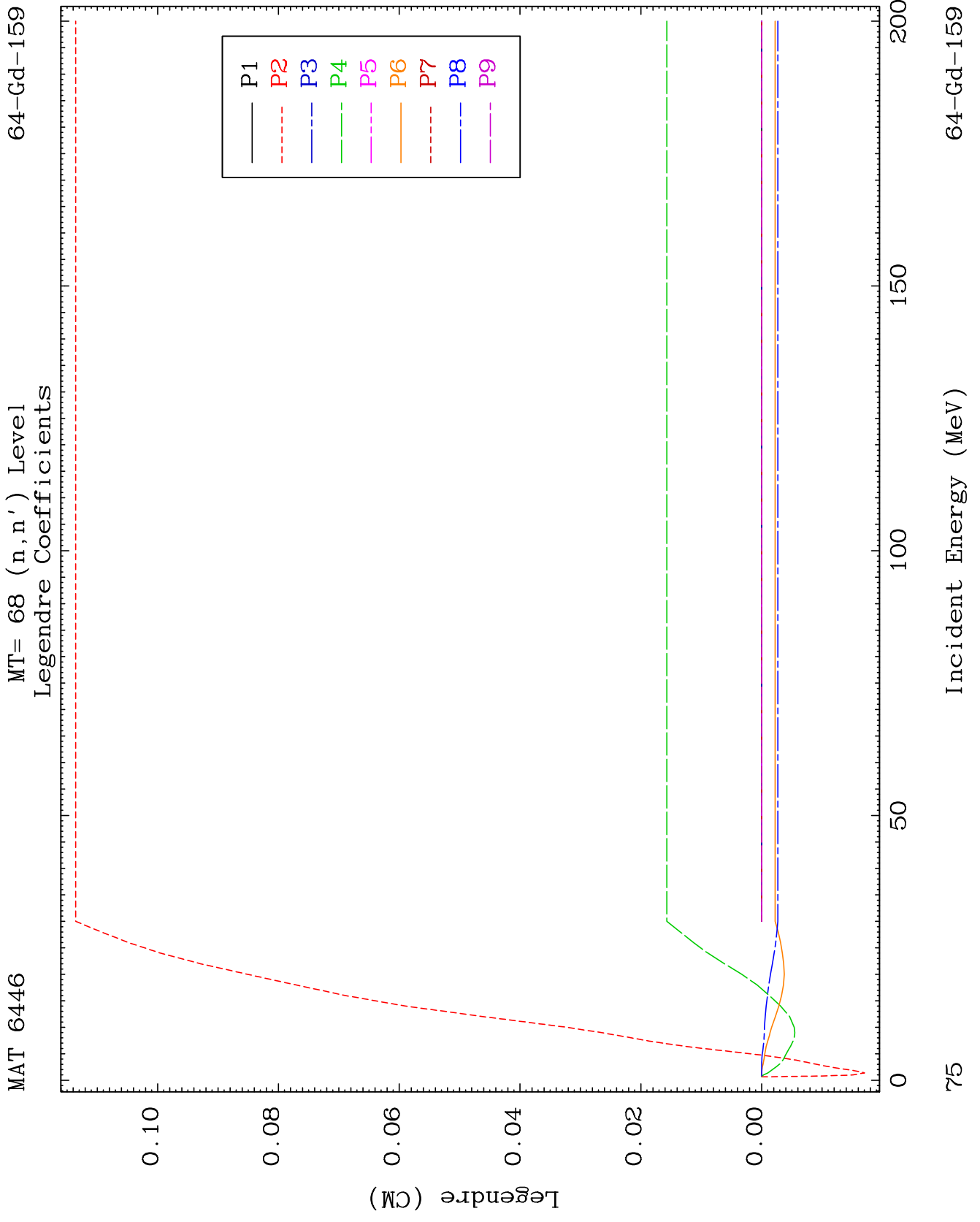
64-Gd-159



74

Incident Energy (MeV)

64-Gd-159

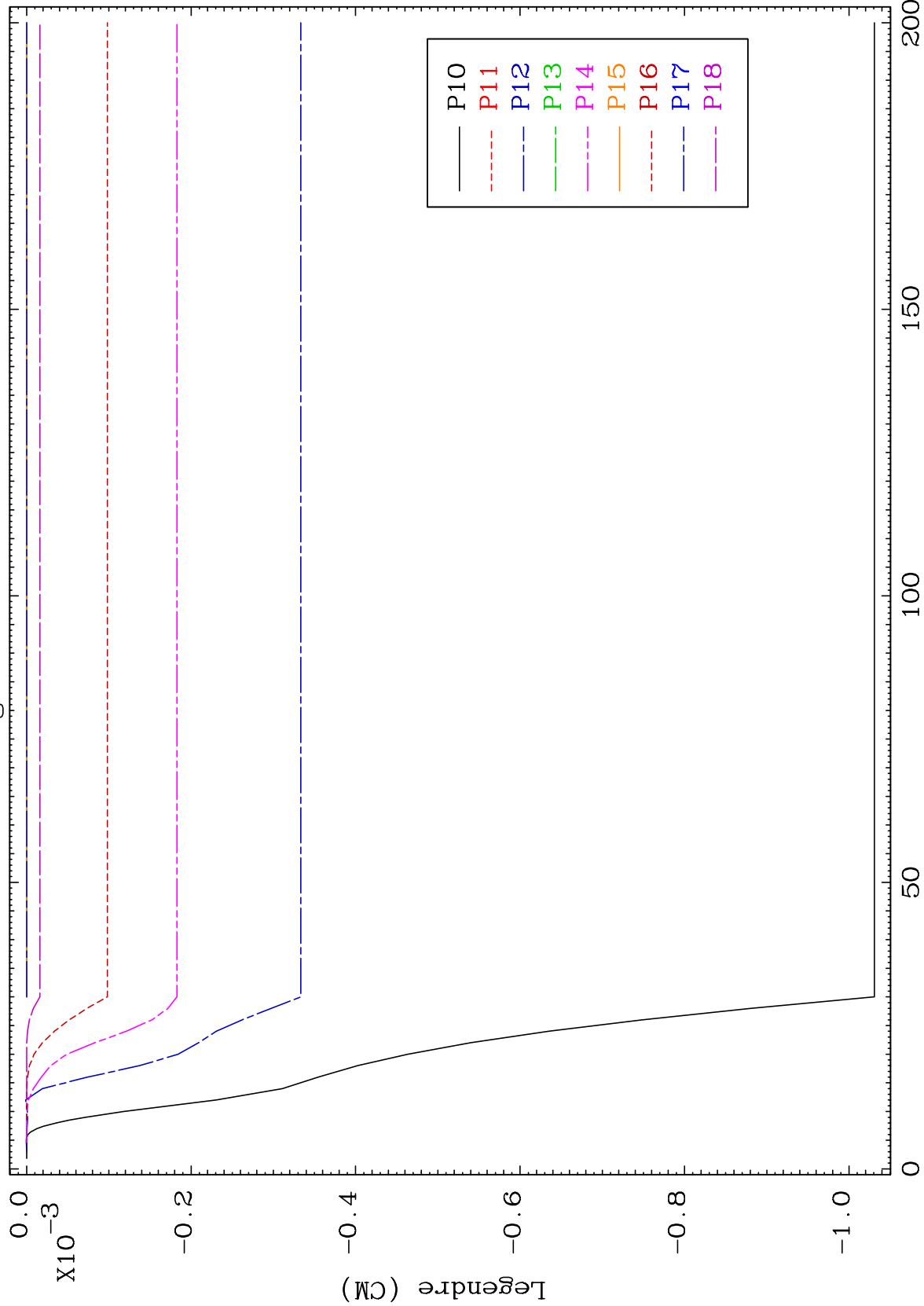


MAT 6446

MT= 68 (n,n') Level

64-Gd-159

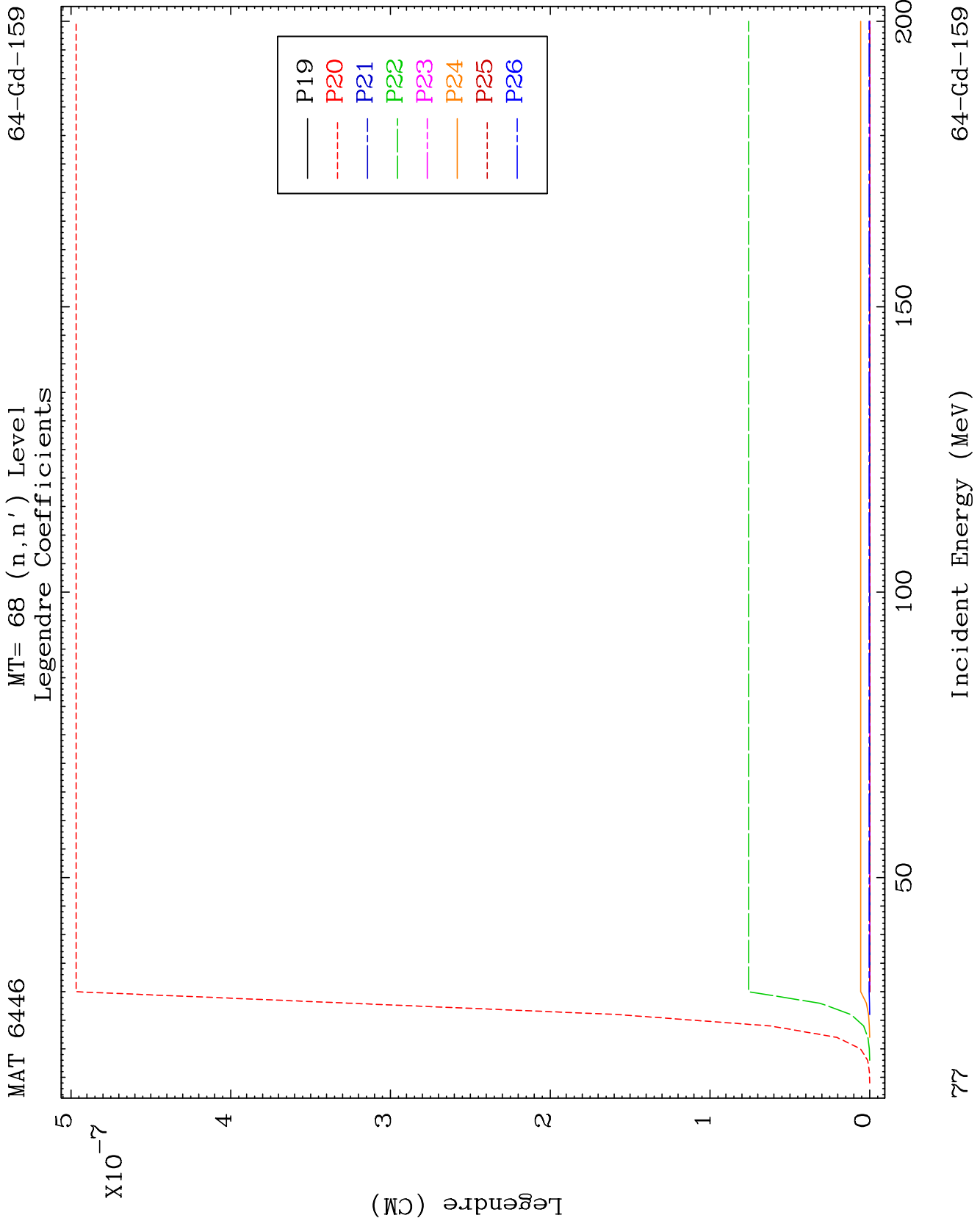
Legendre Coefficients



64-Gd-159

Incident Energy (MeV)

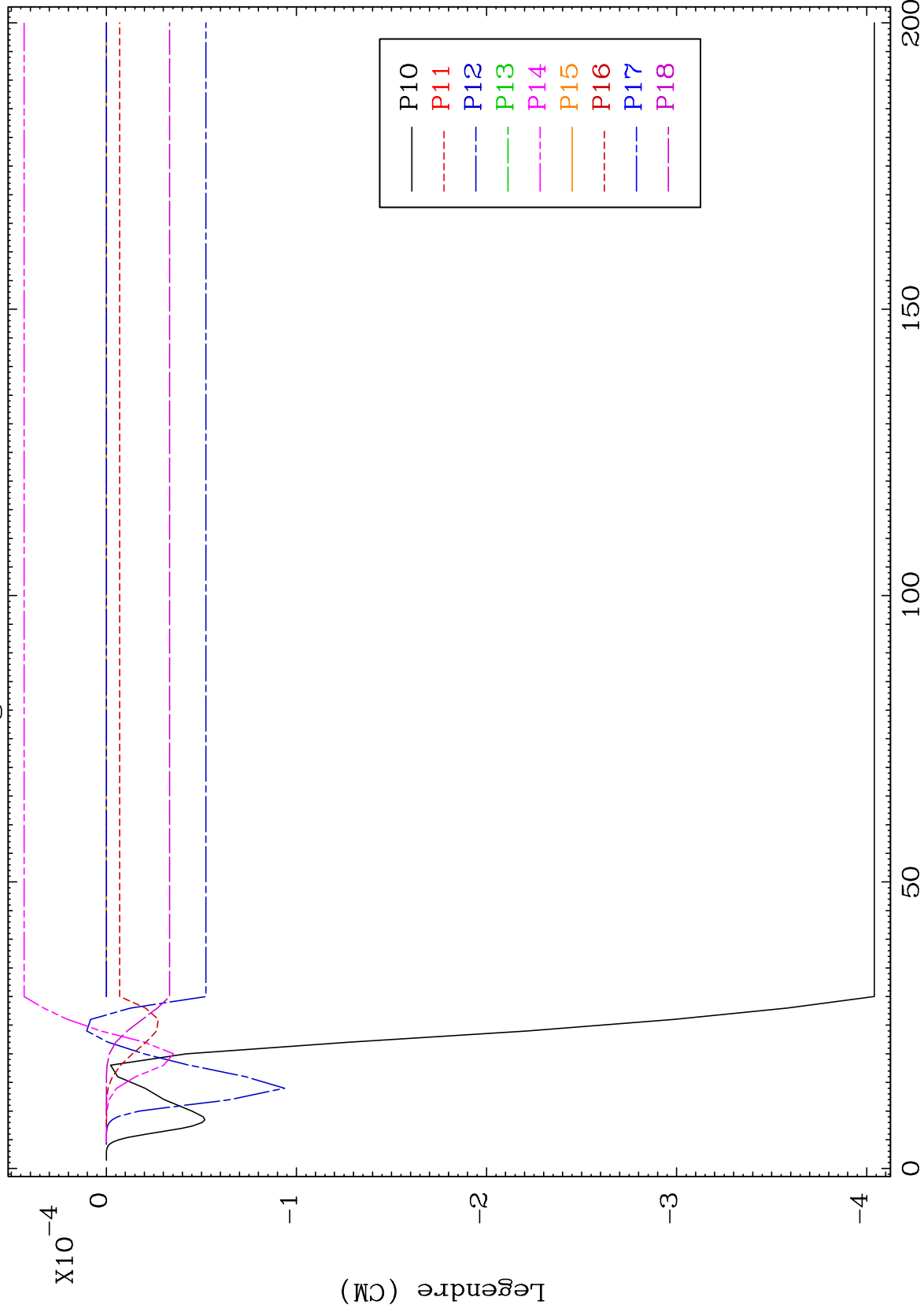
76



MAT 6446

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

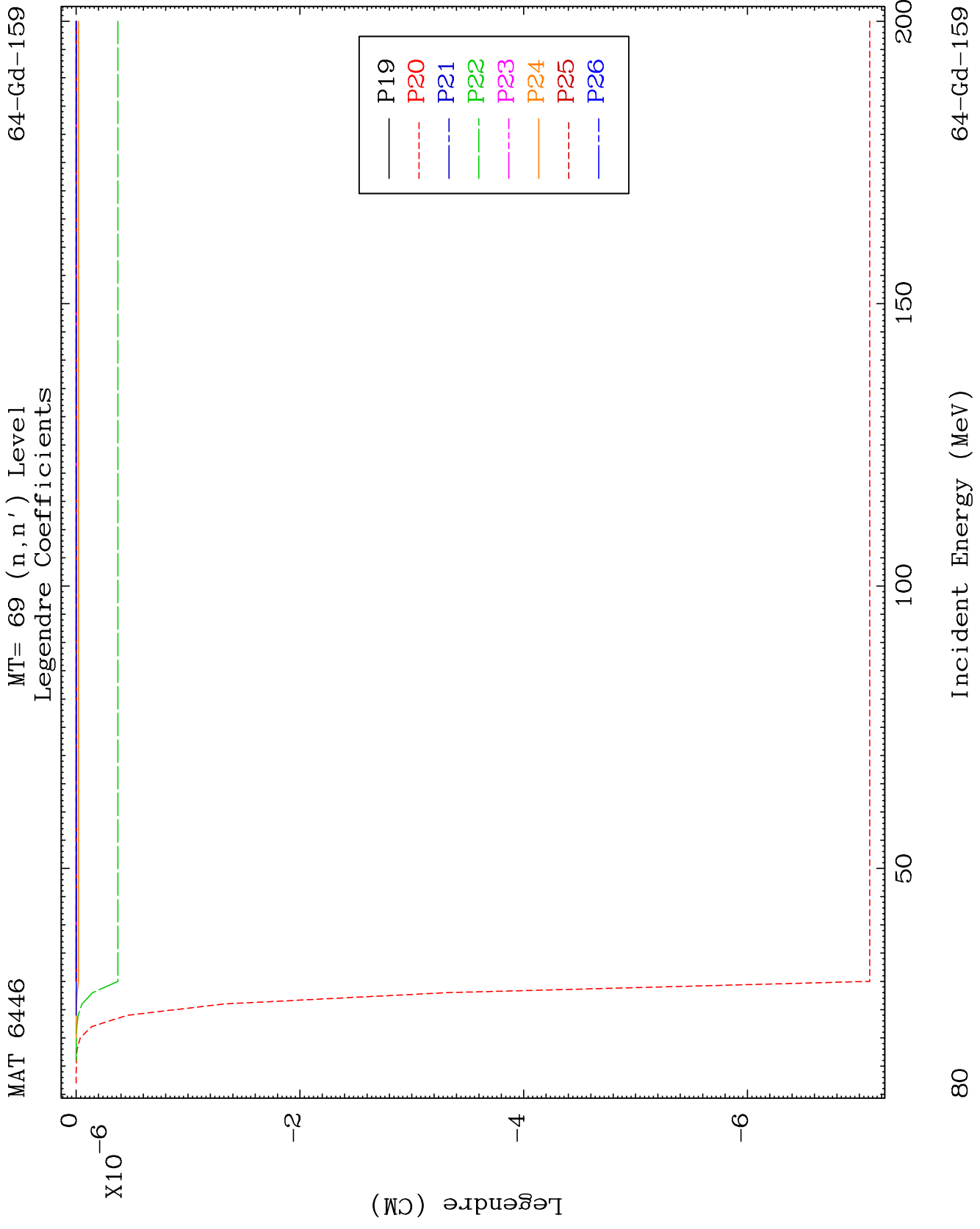
64-Gd-159



79

Incident Energy (MeV)

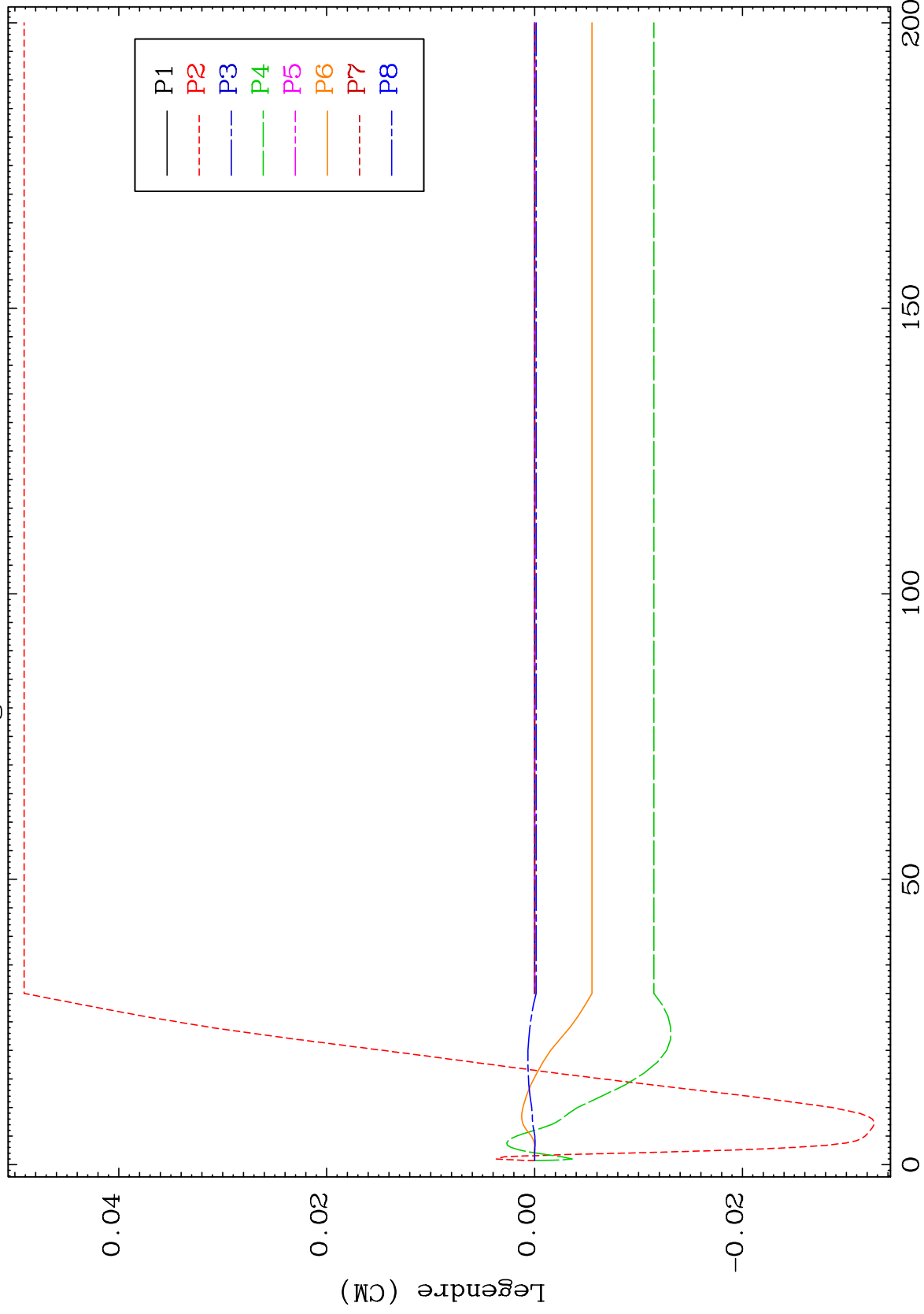
64-Gd-159



MAT 6446

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

64-Gd-159



81

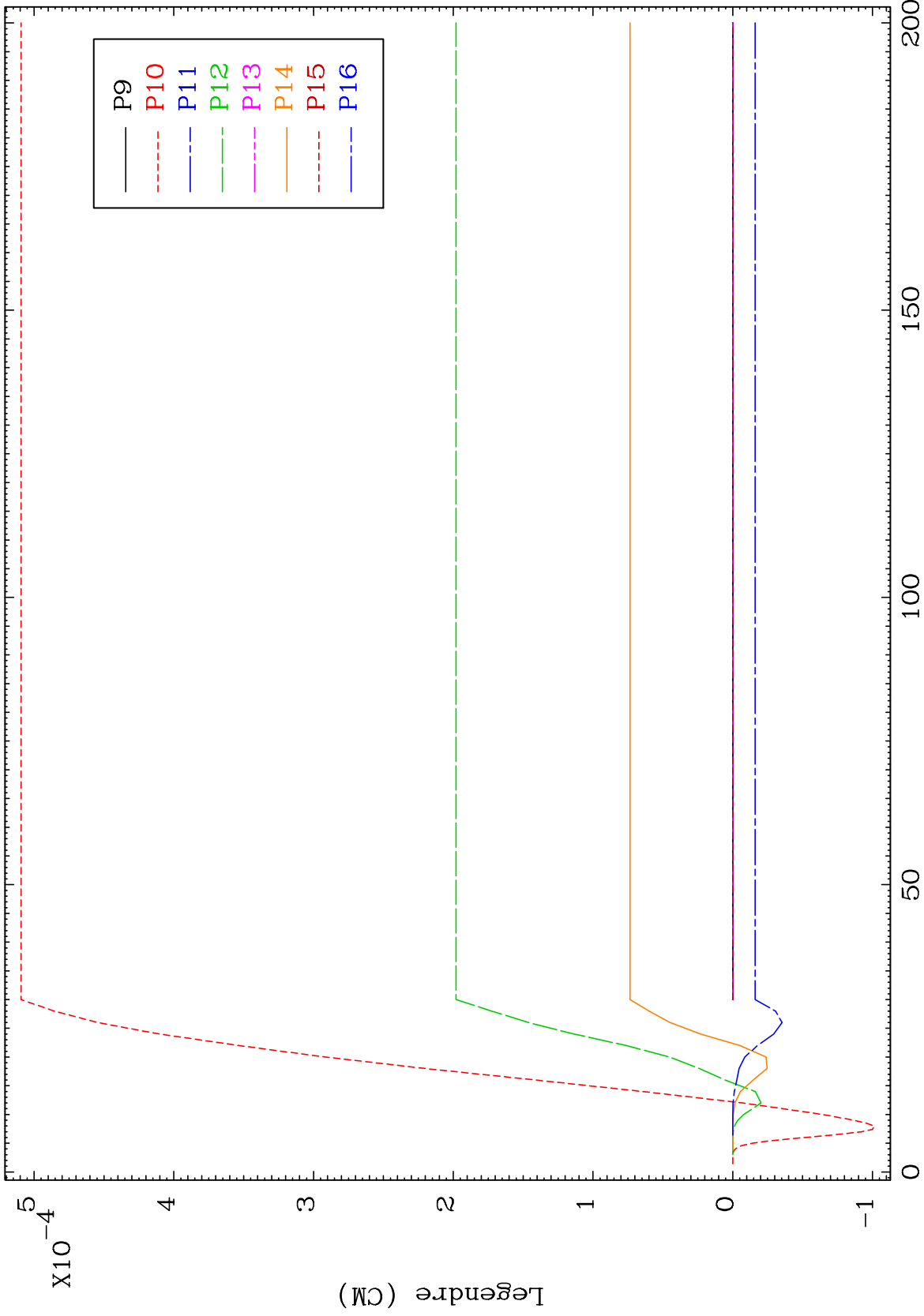
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

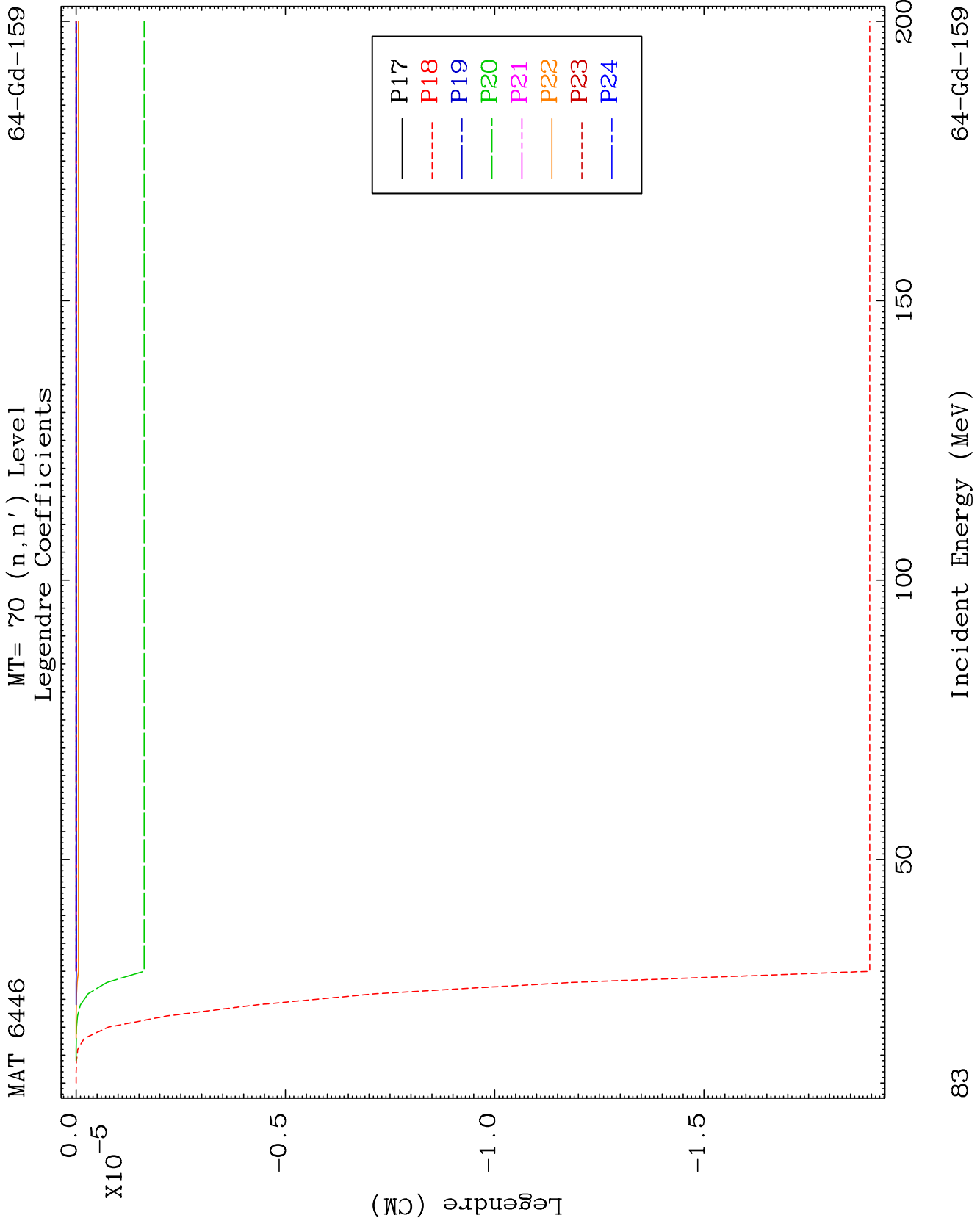
64-Gd-159



82

Incident Energy (MeV)

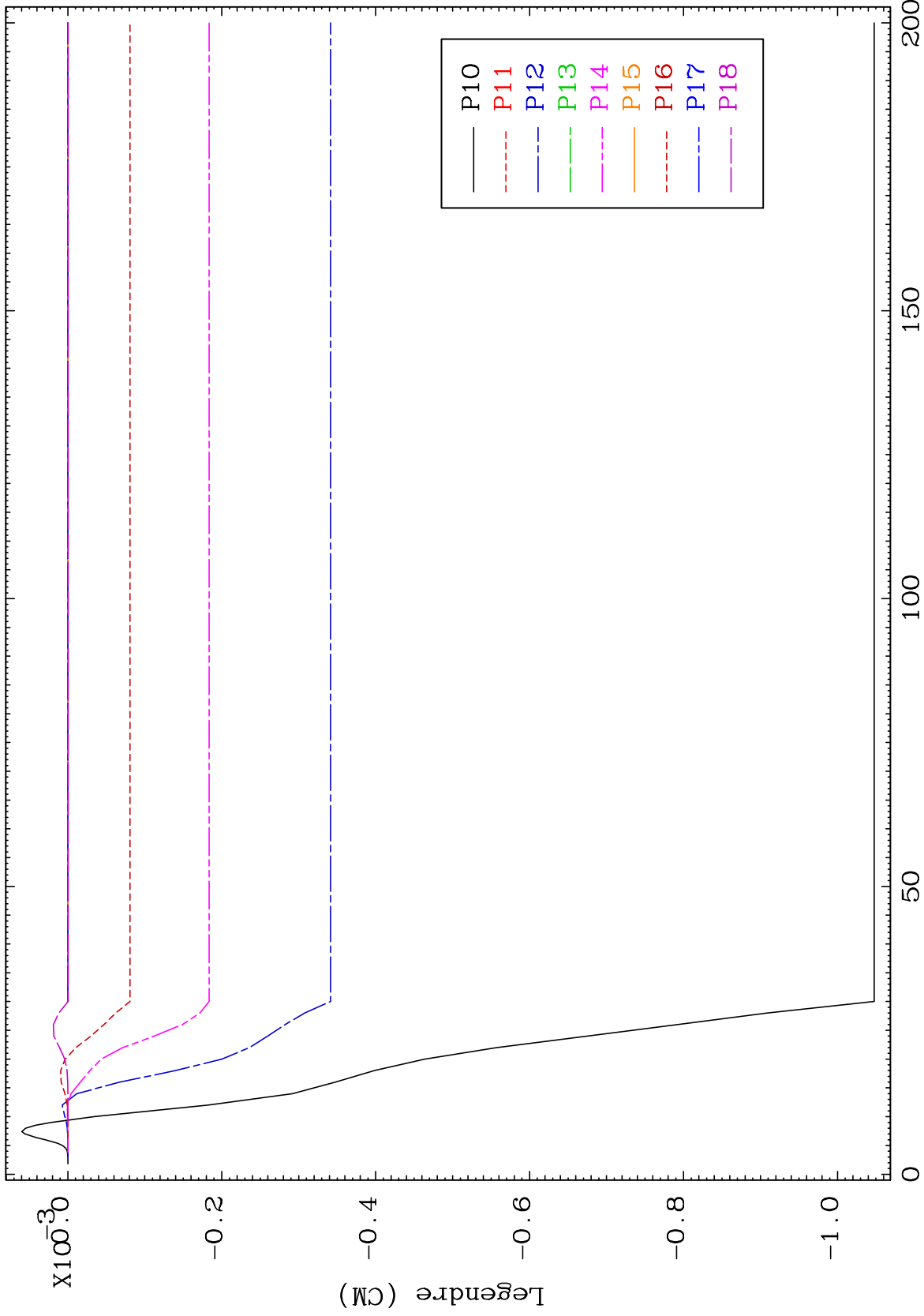
64-Gd-159



MAT 6446

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

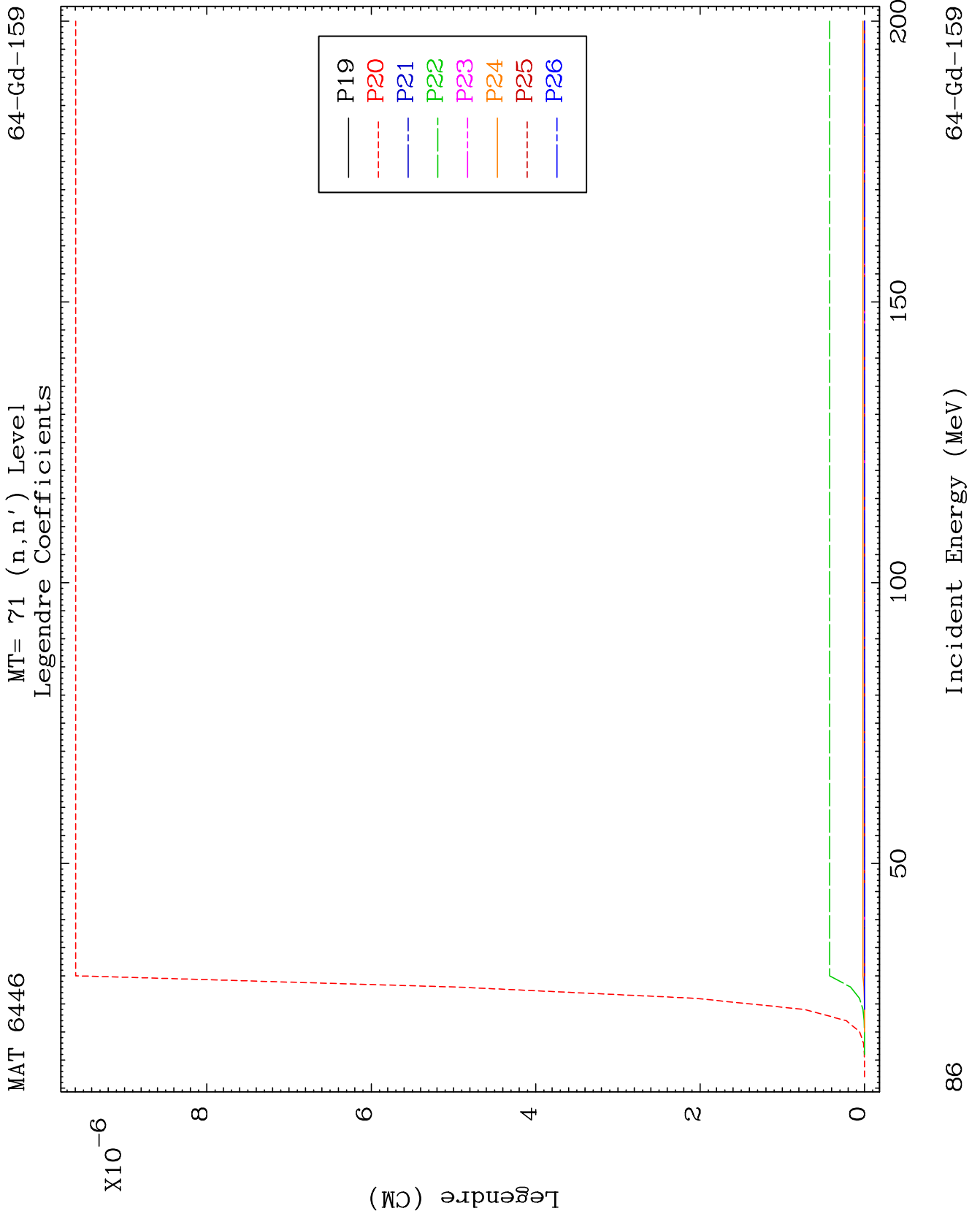
64-Gd-159

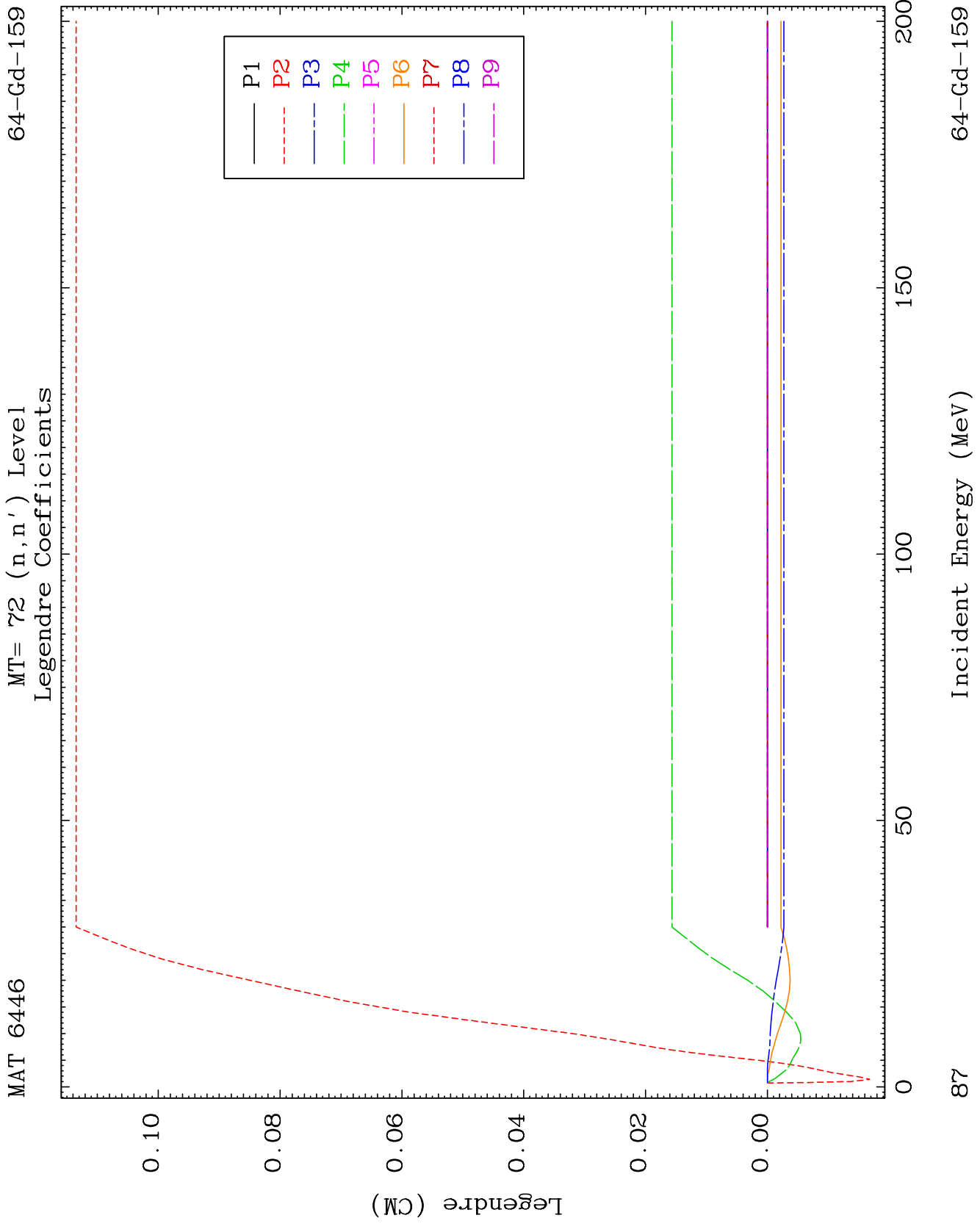


85

Incident Energy (MeV)

64-Gd-159

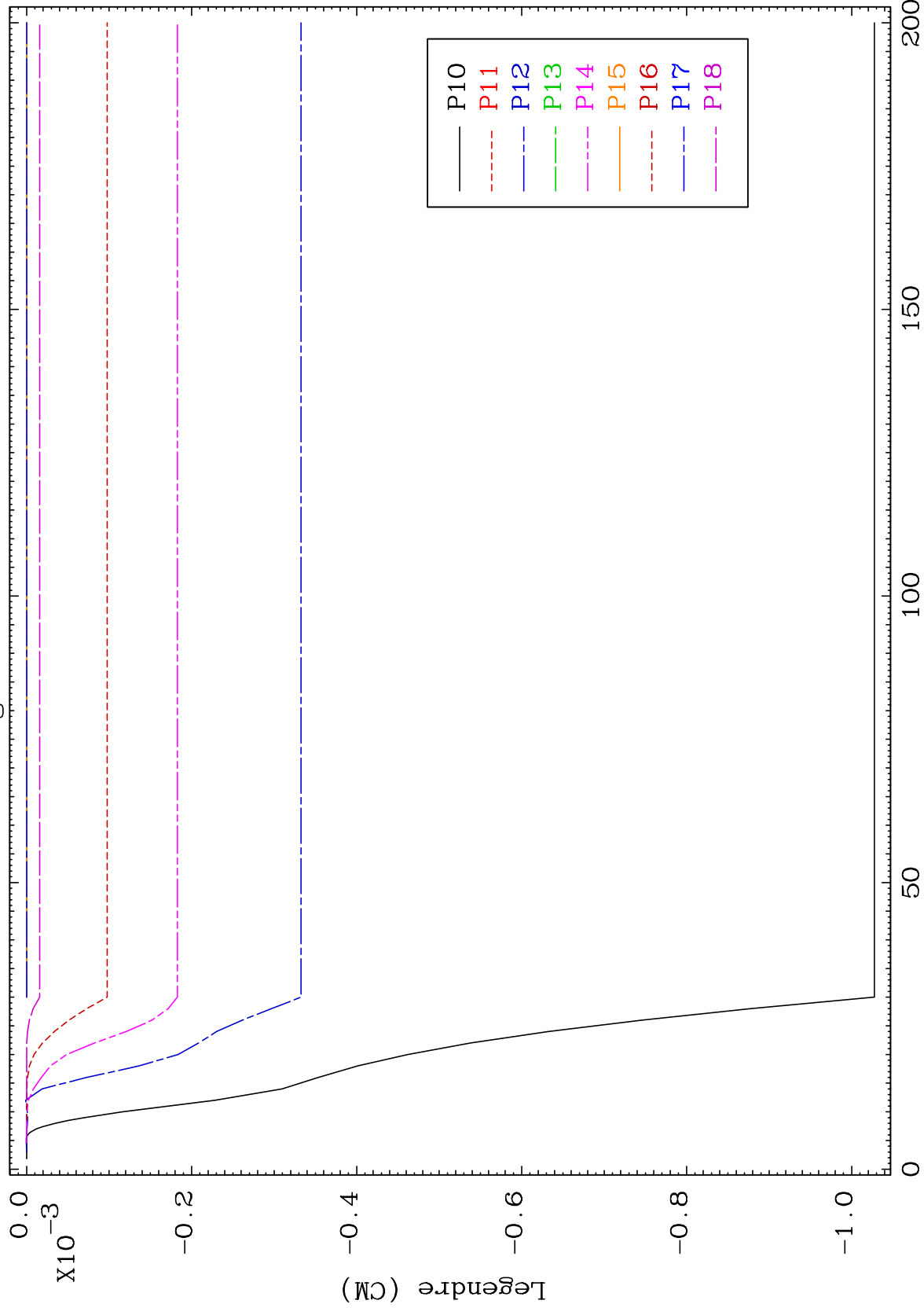




MAT 6446

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

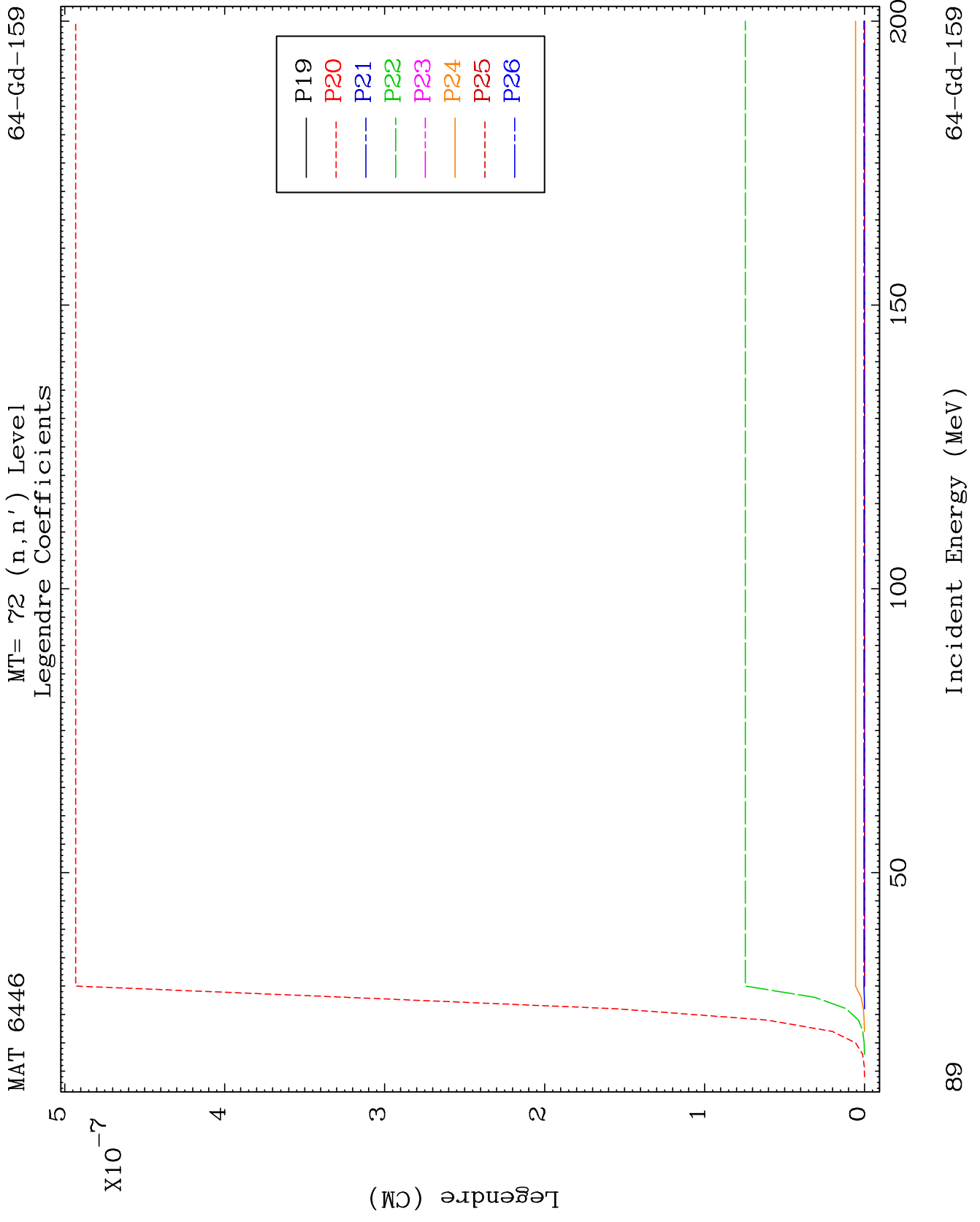
64-Gd-159



88

Incident Energy (MeV)

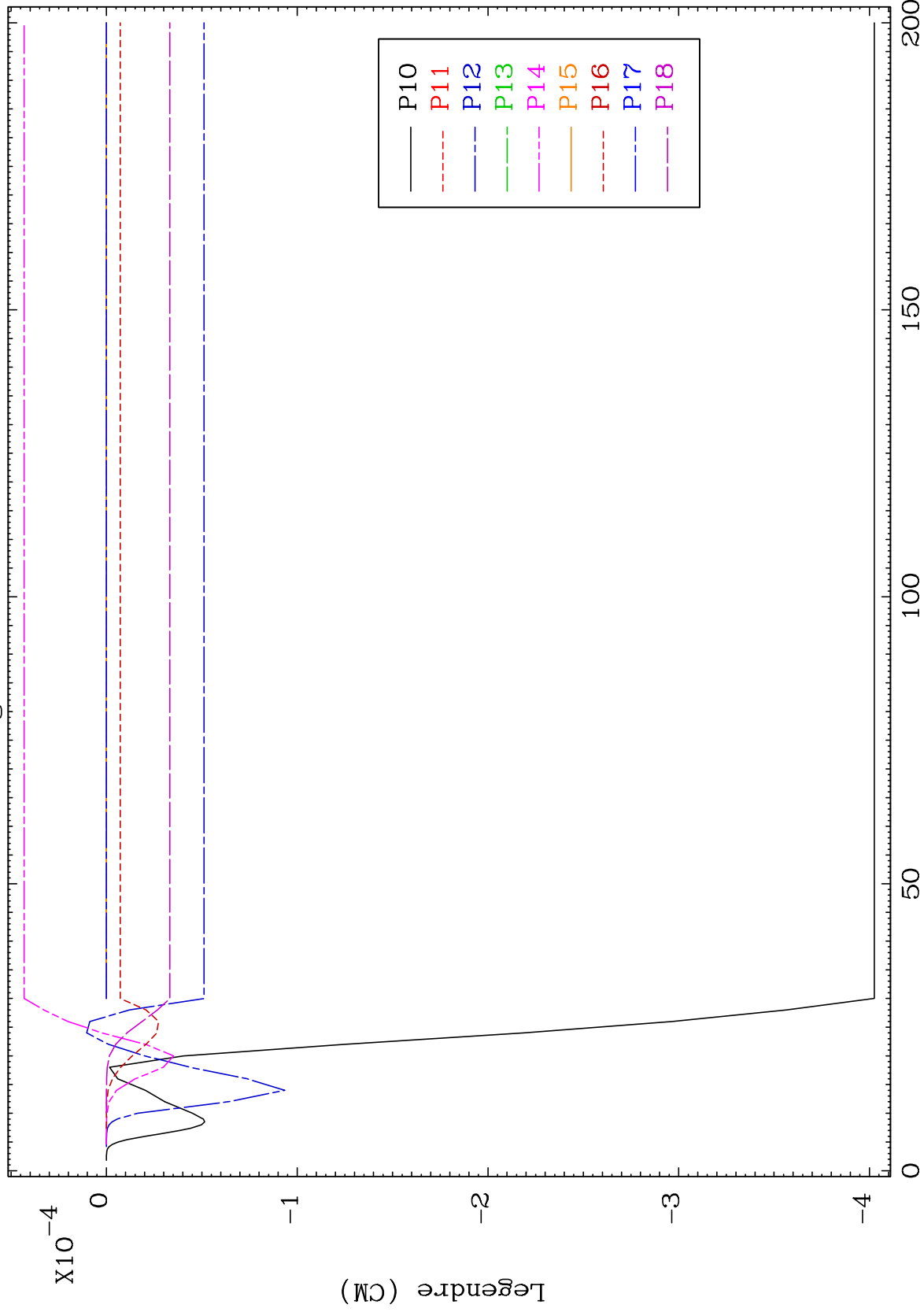
64-Gd-159



MAT 6446

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

64-Gd-159



91

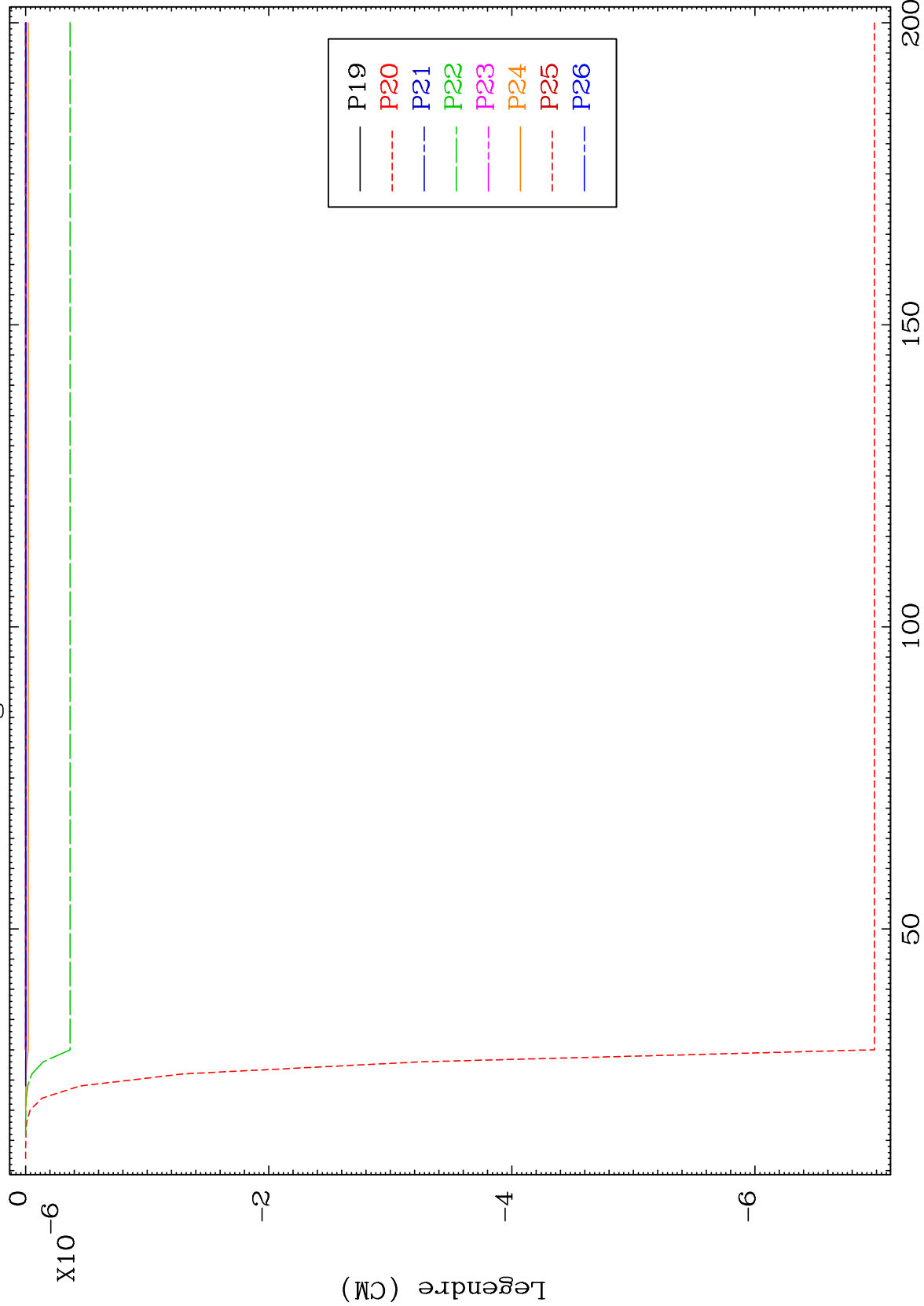
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



92

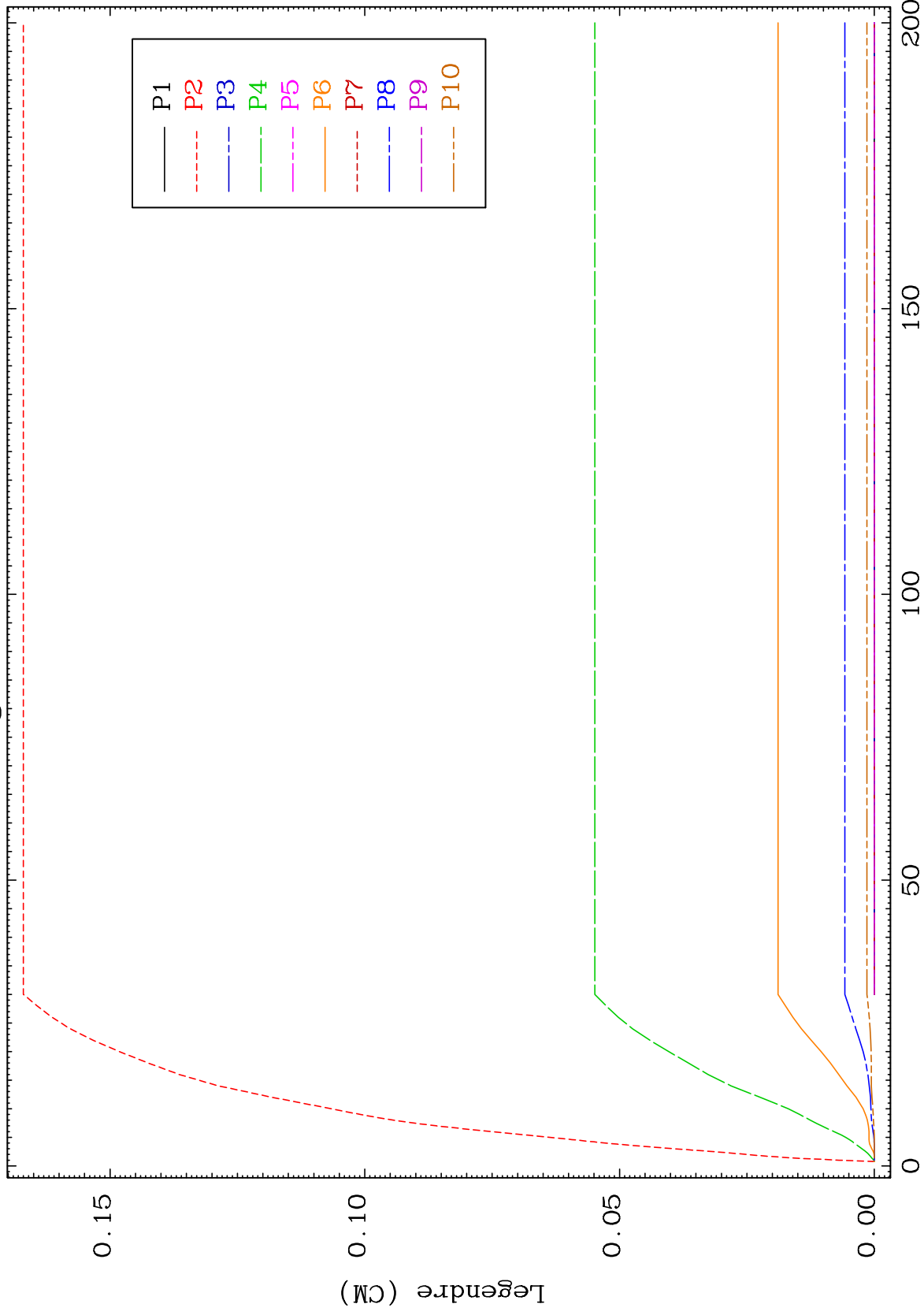
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



93

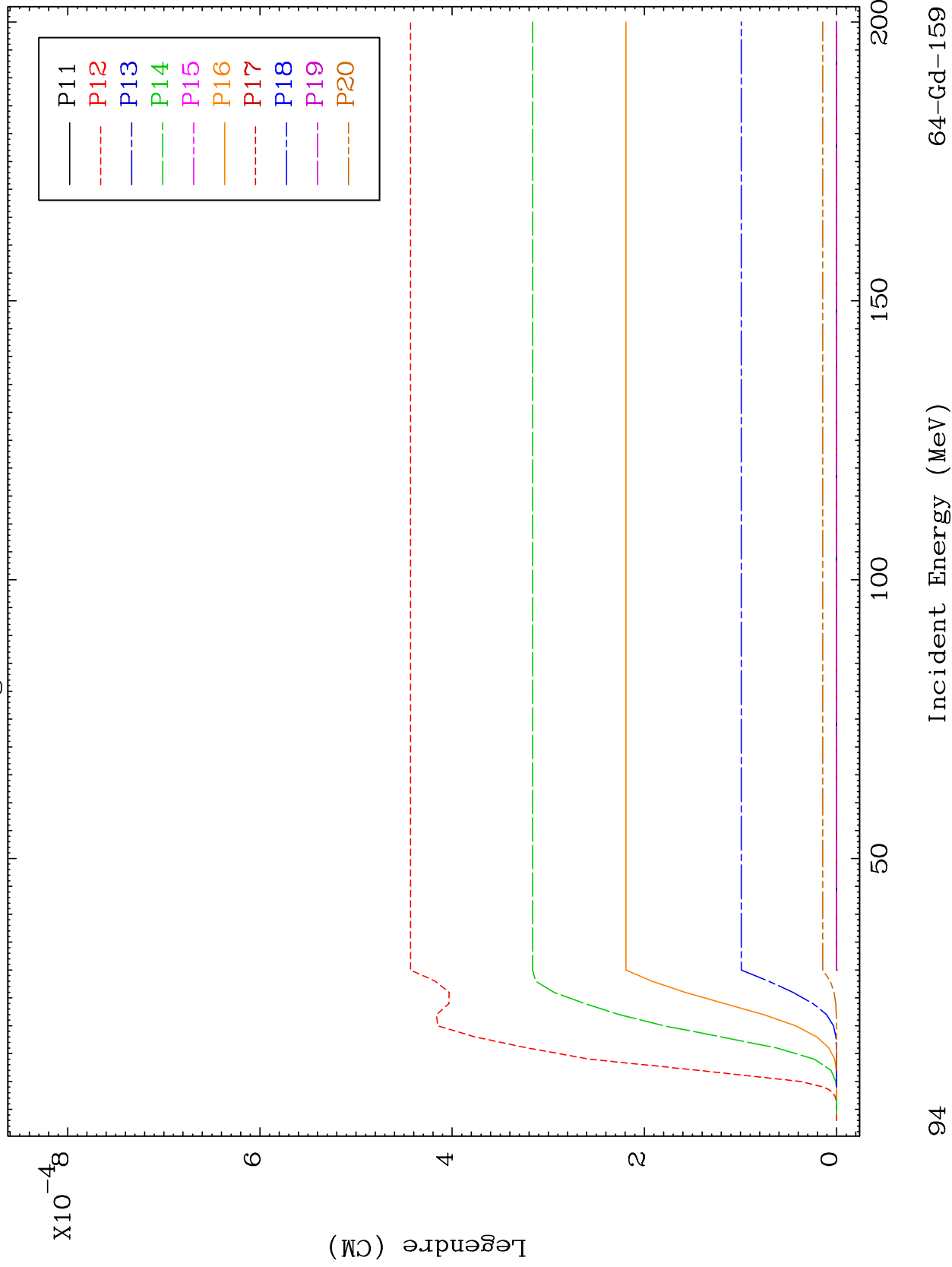
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



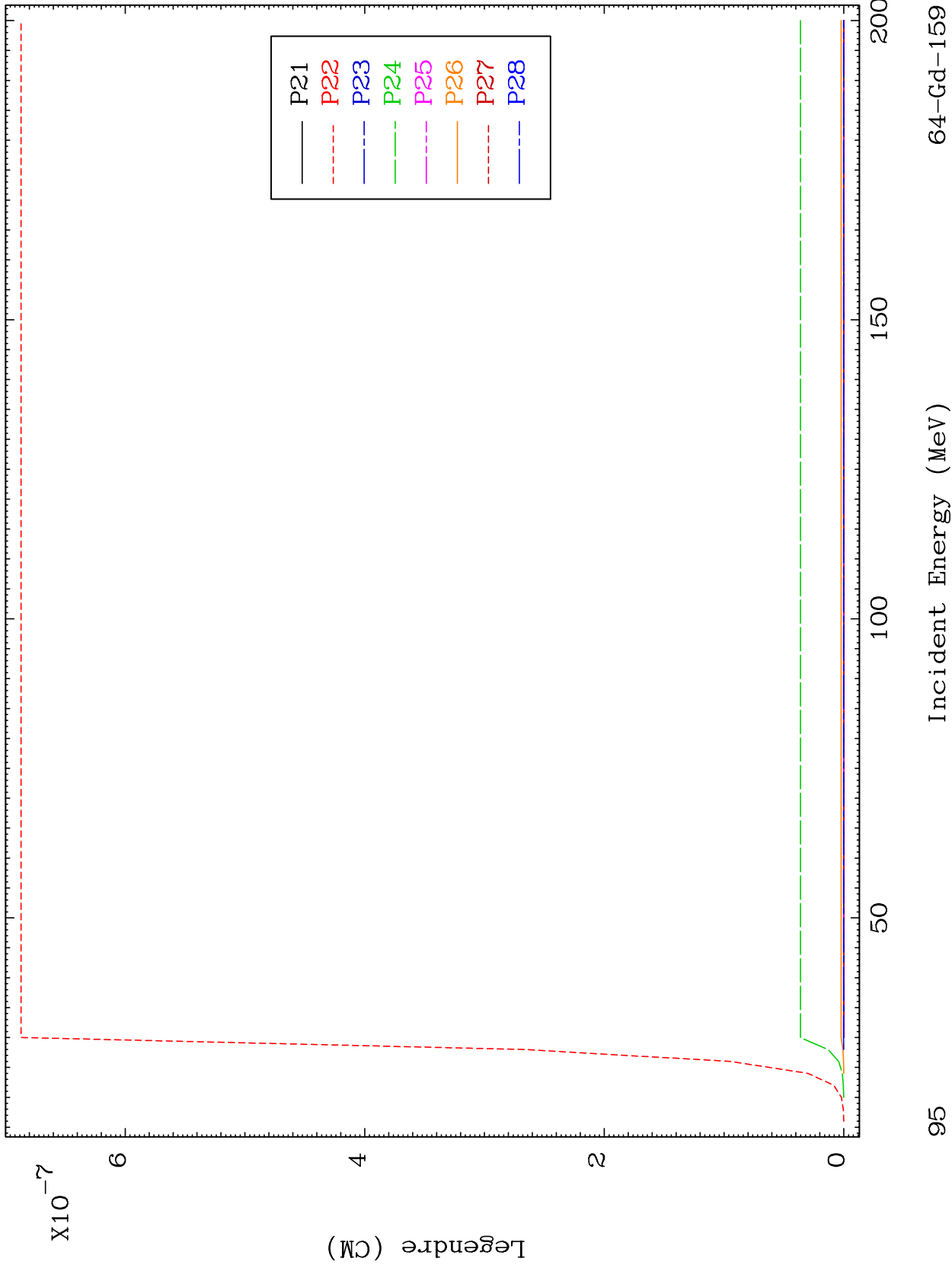
94

64-Gd-159

MAT 6446

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

64-Gd-159



95

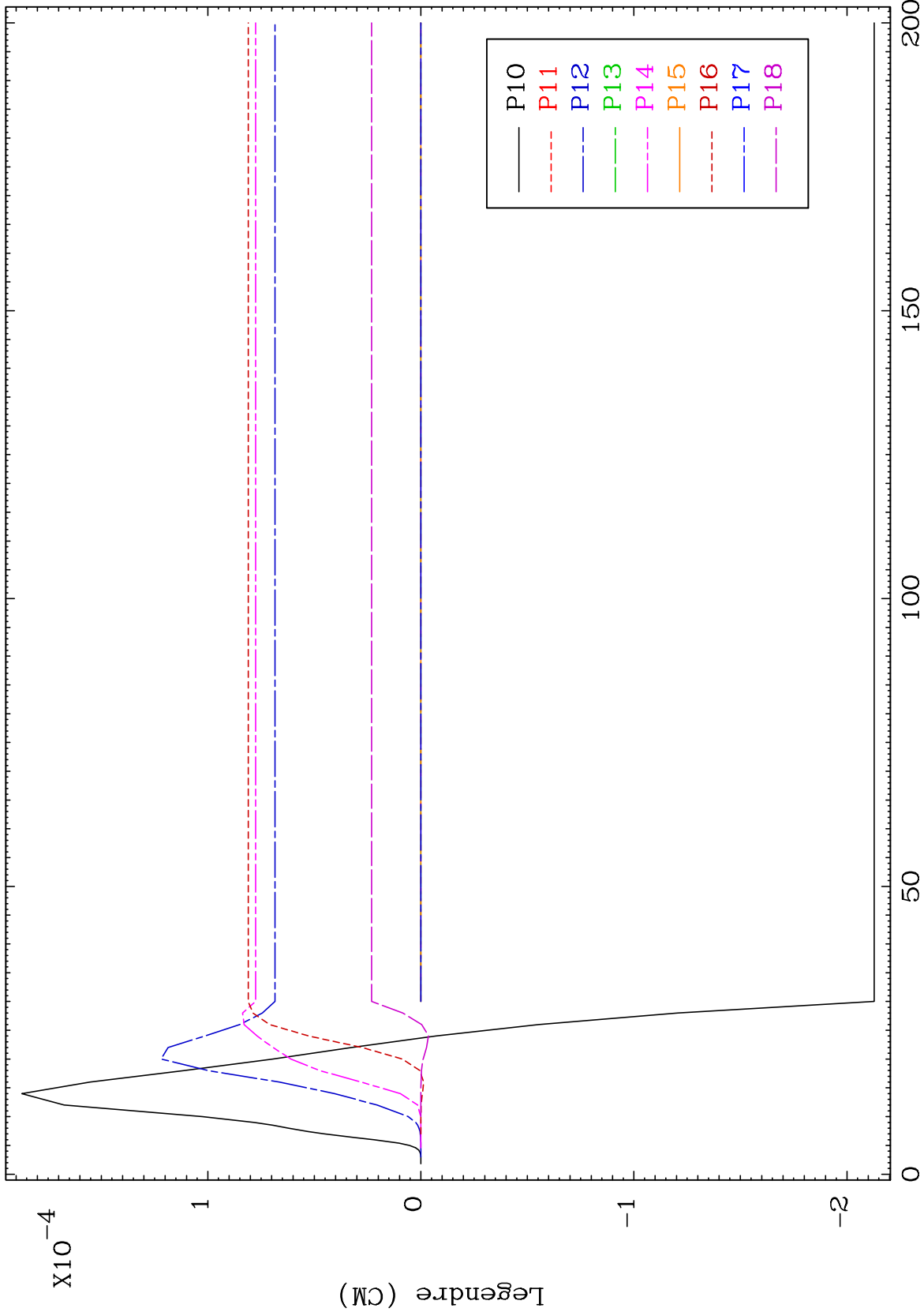
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



97

Incident Energy (MeV)

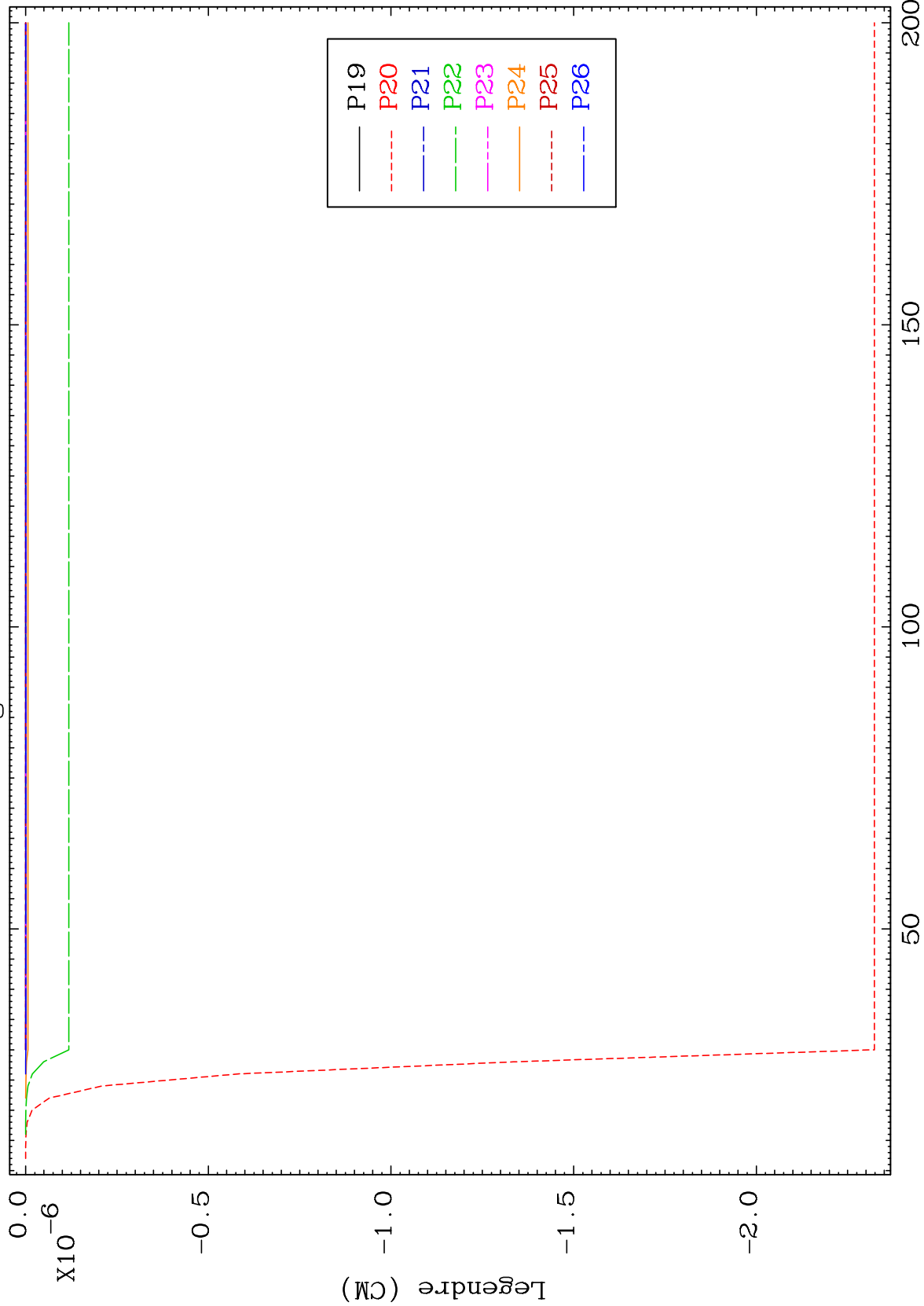
64-Gd-159

MAT 6446

MT= 75 (n,n') Level

64-Gd-159

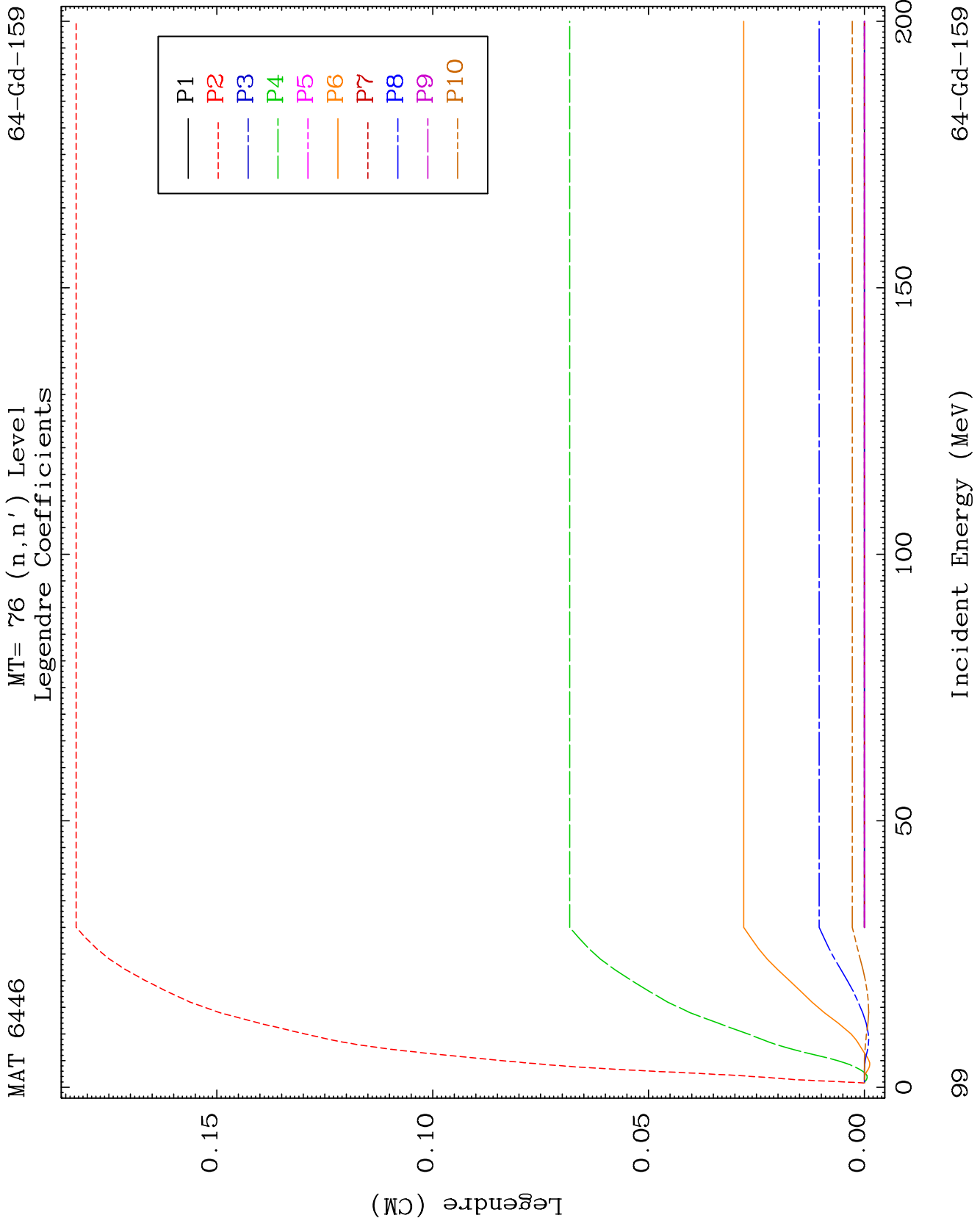
Legendre Coefficients



64-Gd-159

Incident Energy (MeV)

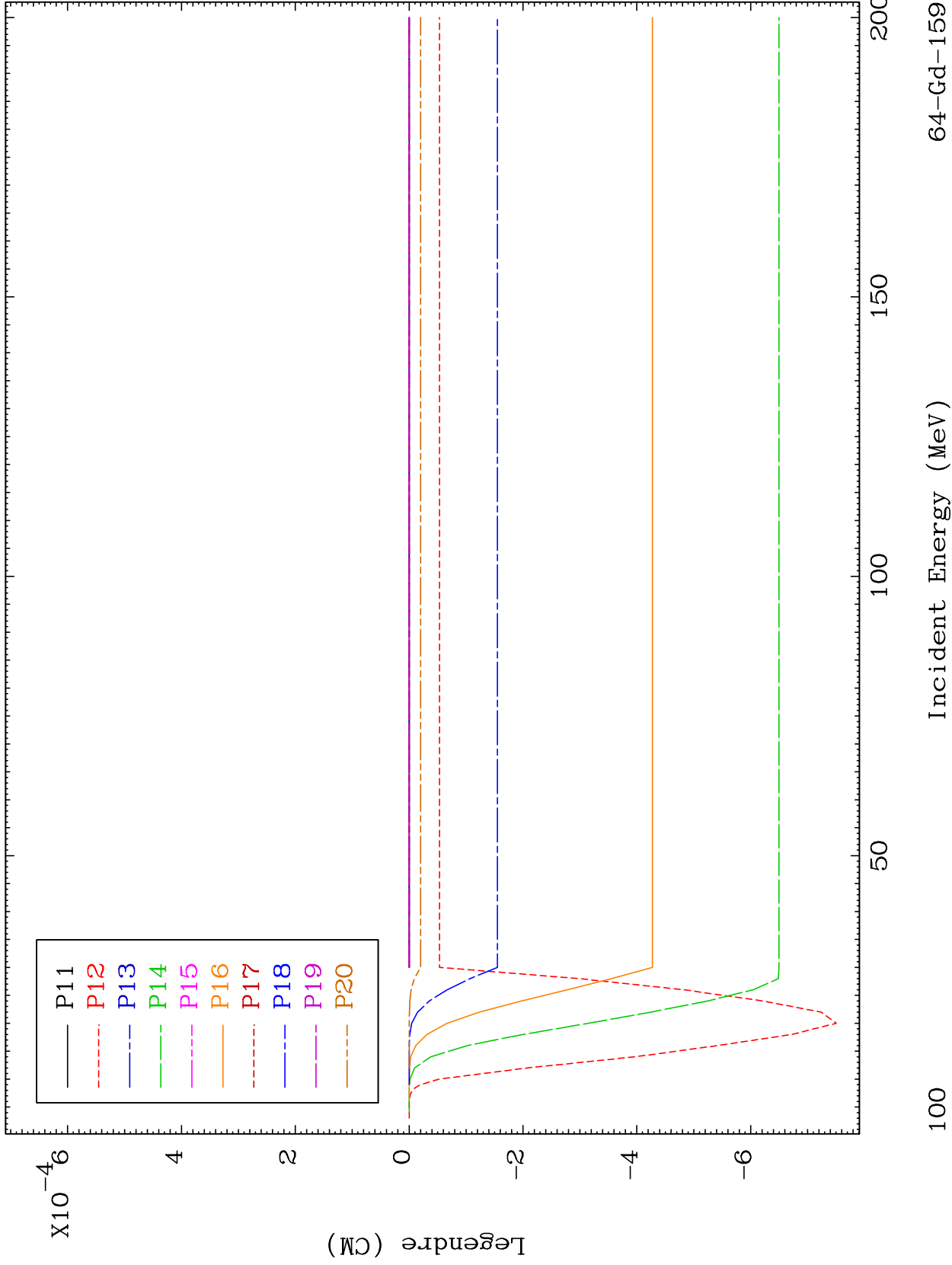
98



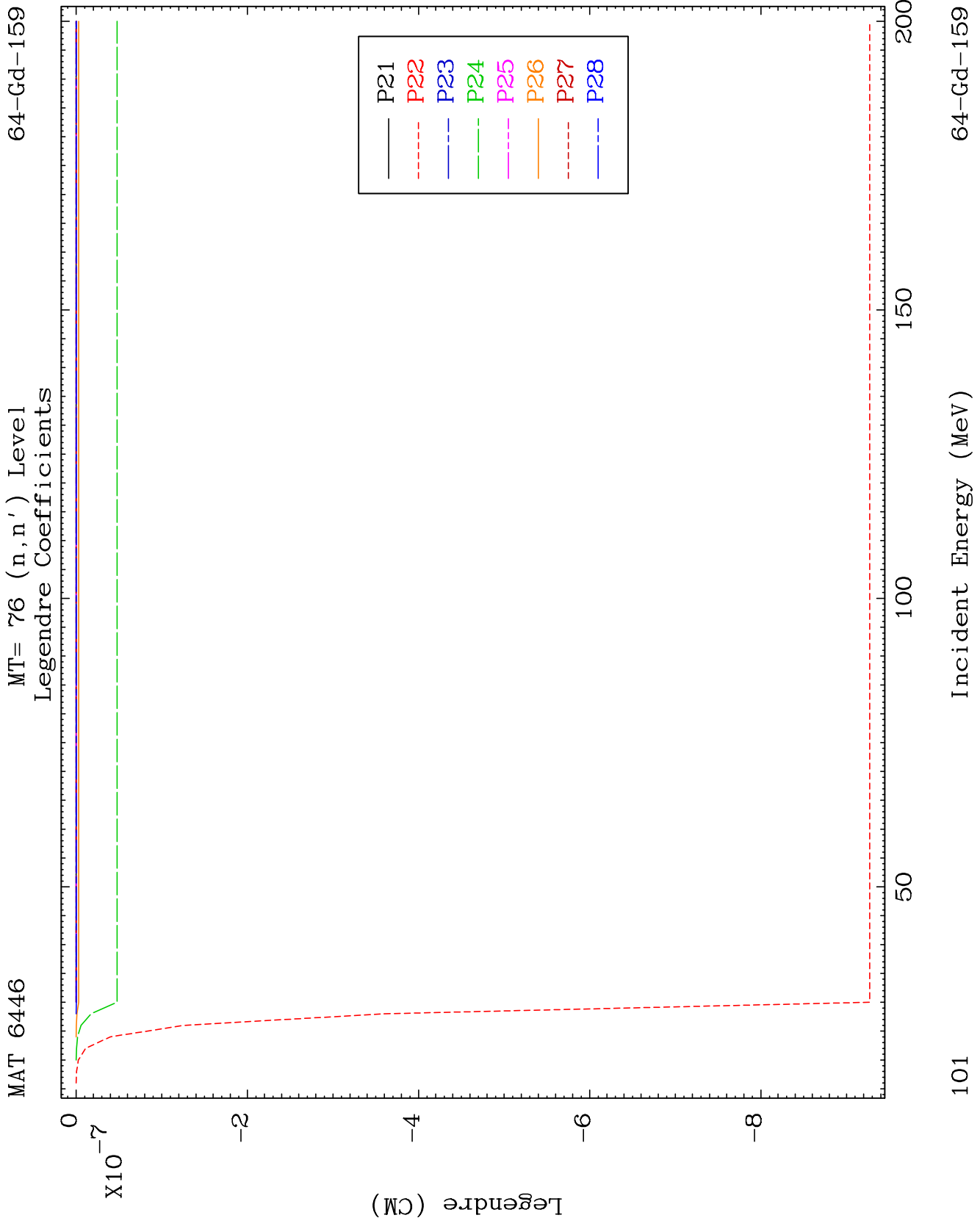
MAT 6446

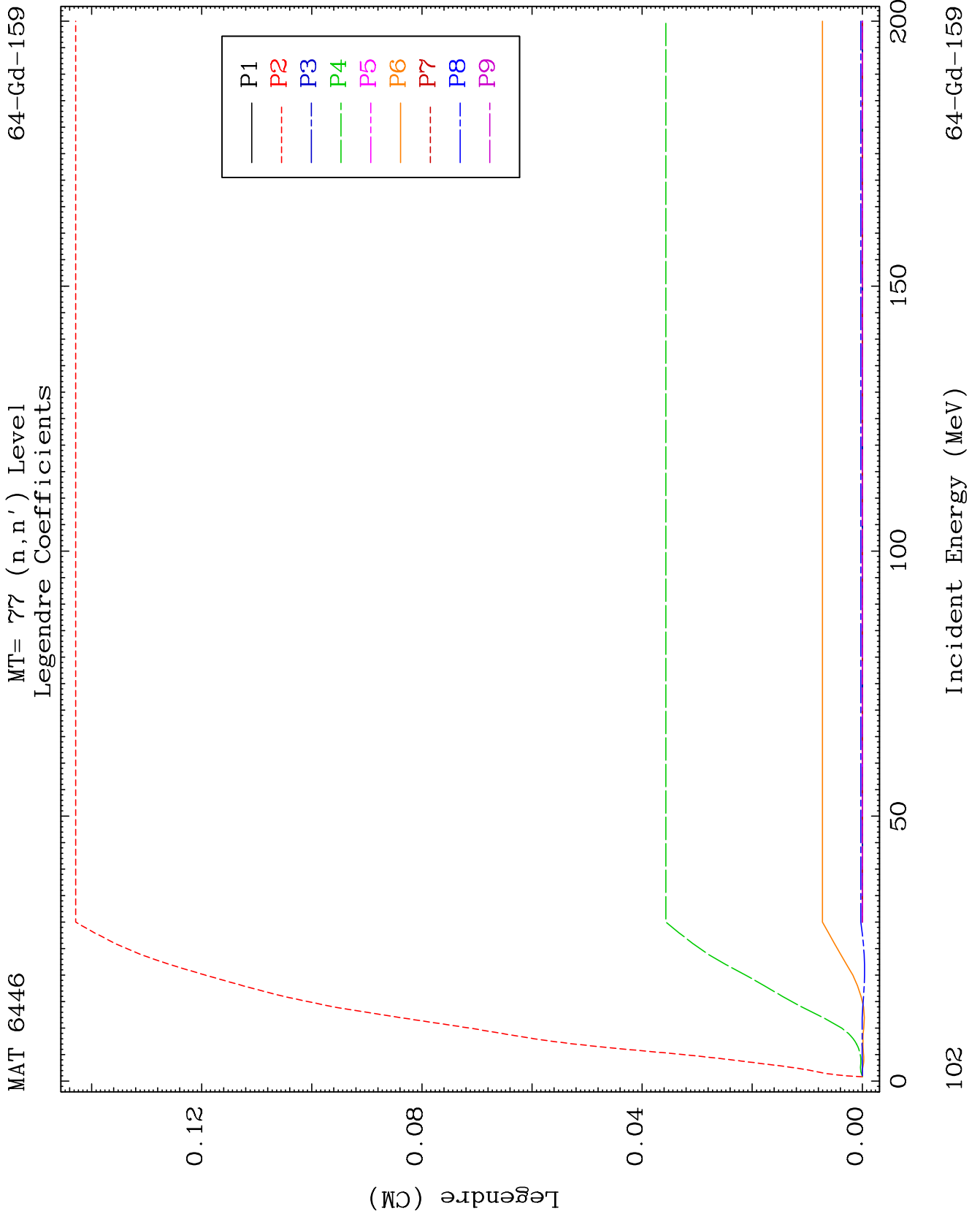
MT= 76 (n,n') Level
Legendre Coefficients

64-Gd-159



64-Gd-159

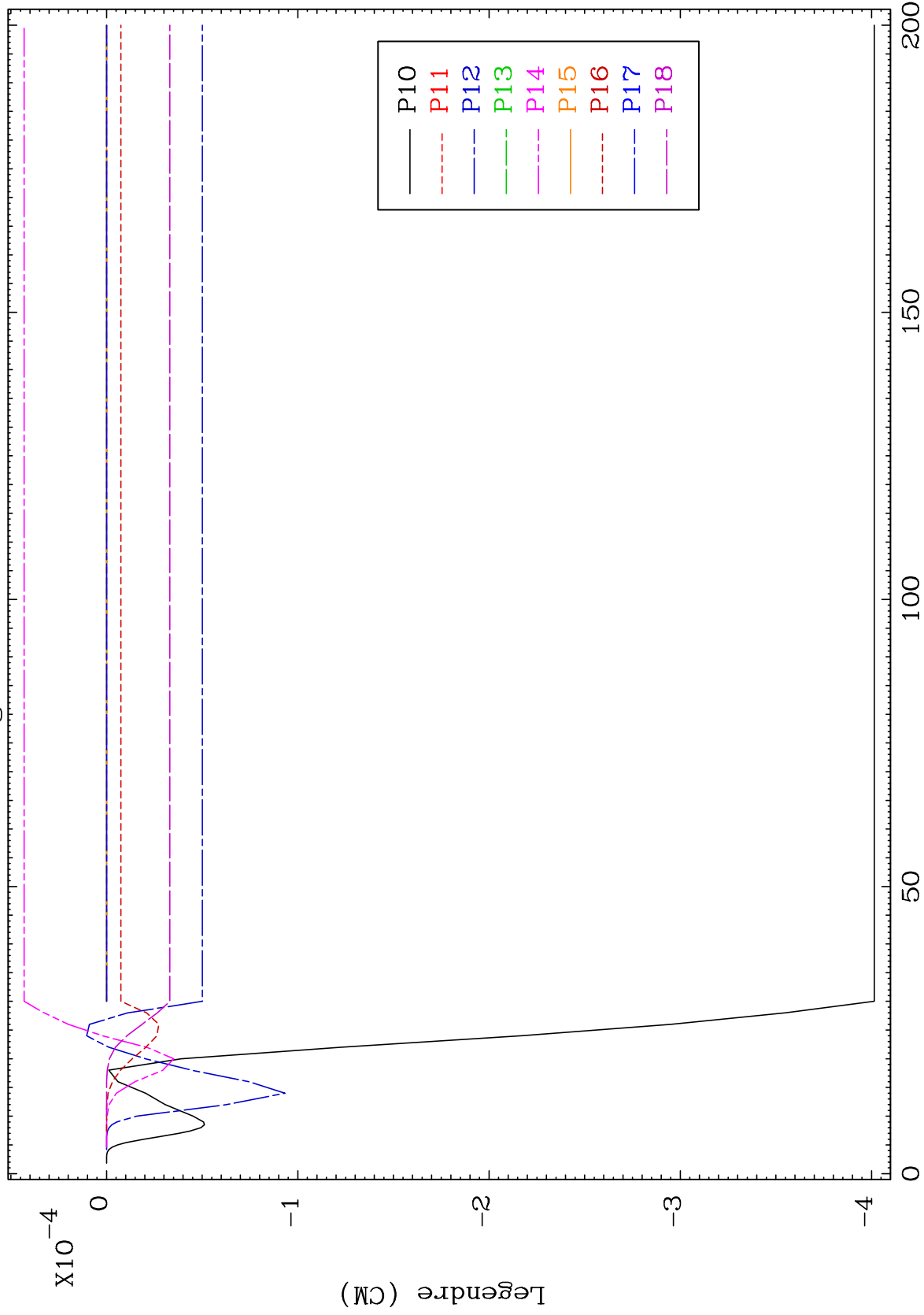




MAT 6446

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

64-Gd-159



103

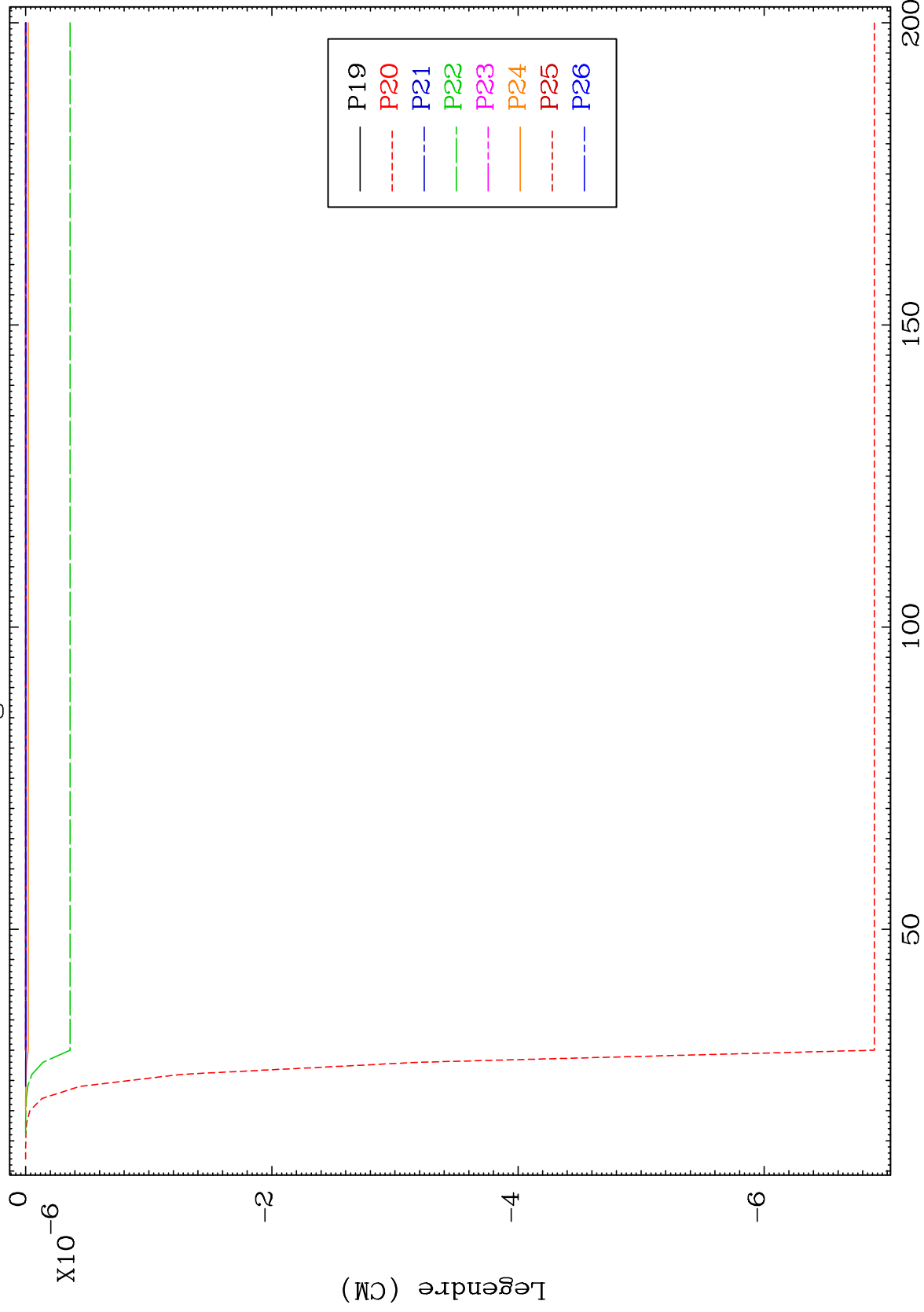
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

64-Gd-159



104

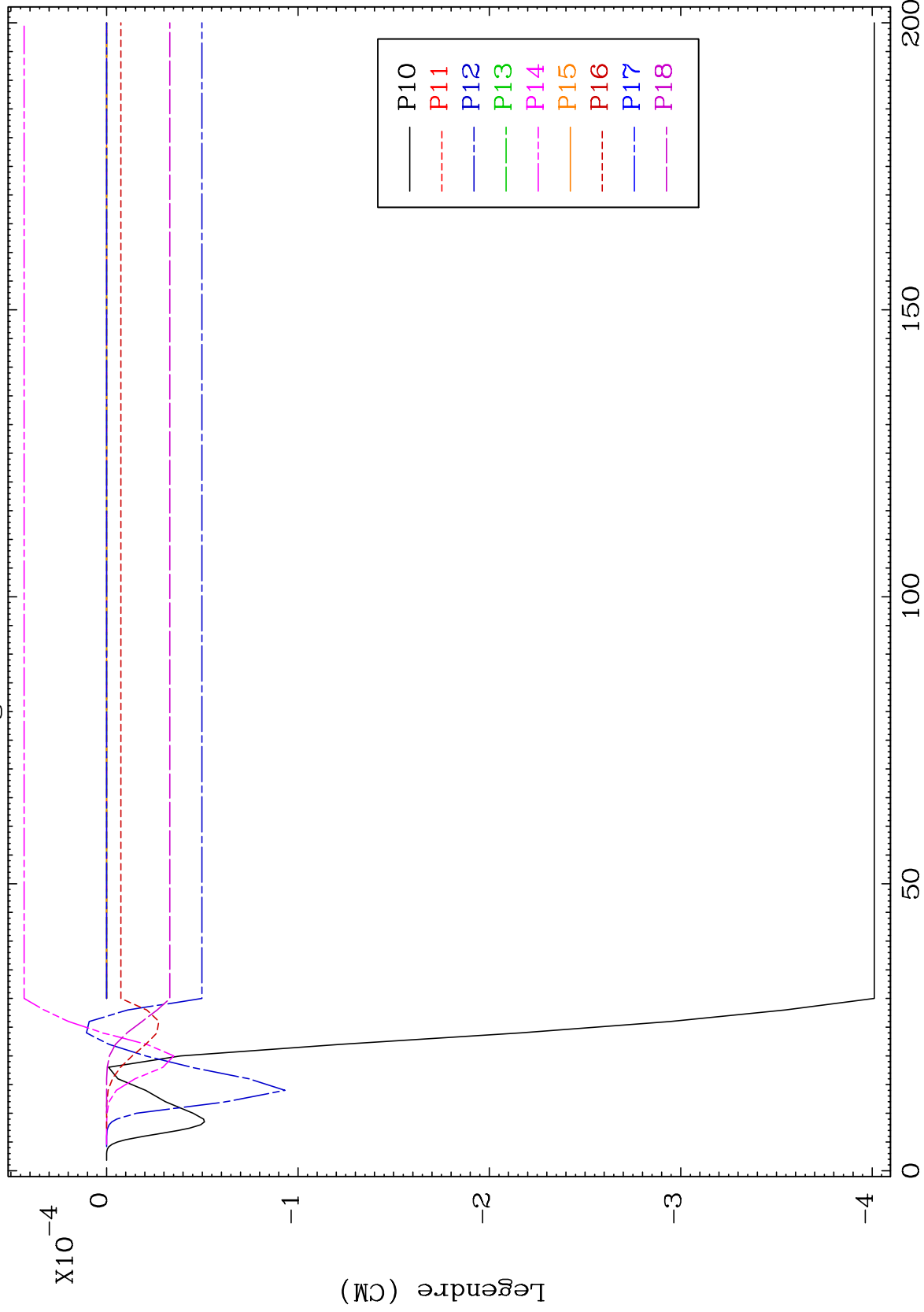
Incident Energy (MeV)

64-Gd-159

MAT 6446

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

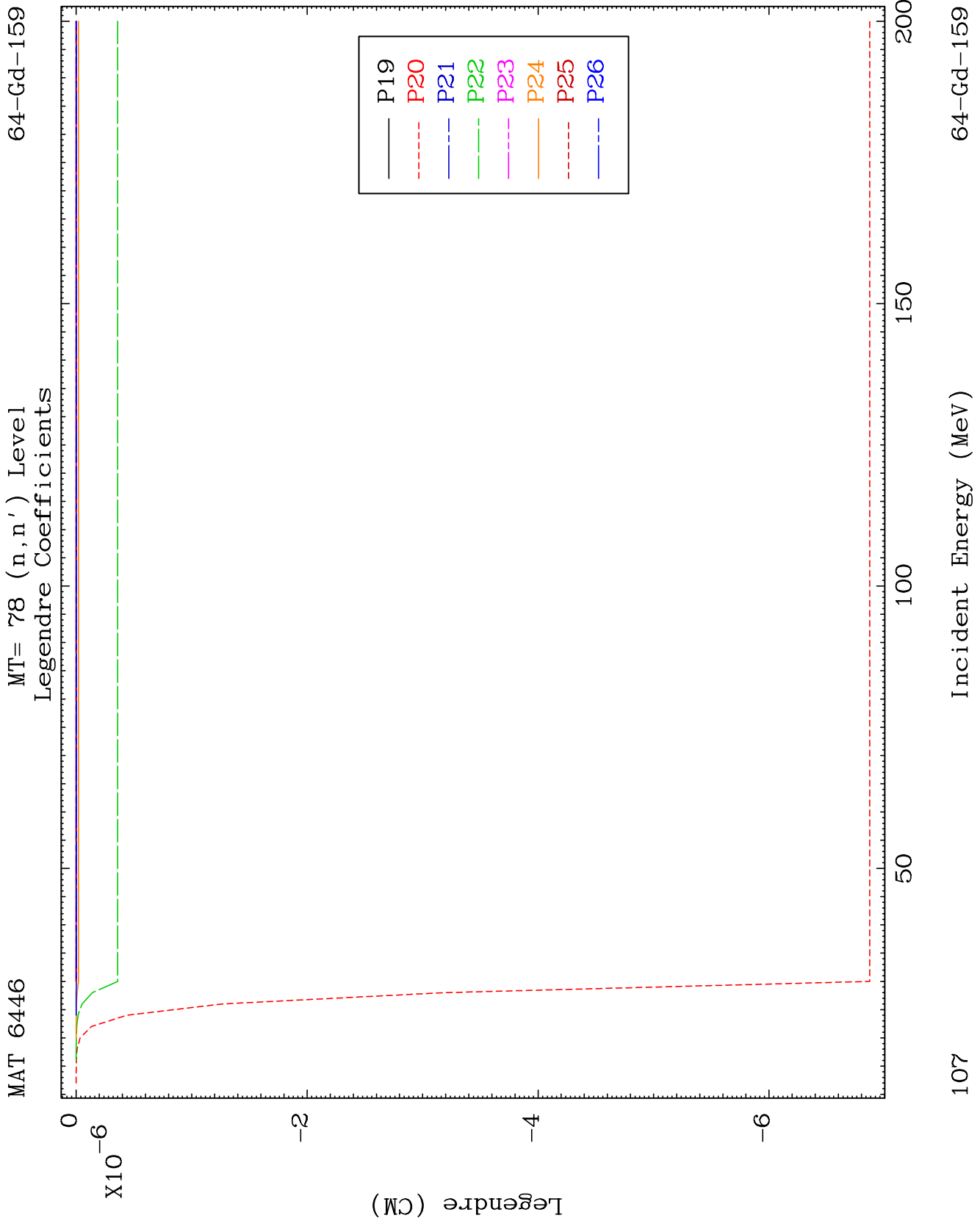
64-Gd-159



106

Incident Energy (MeV)

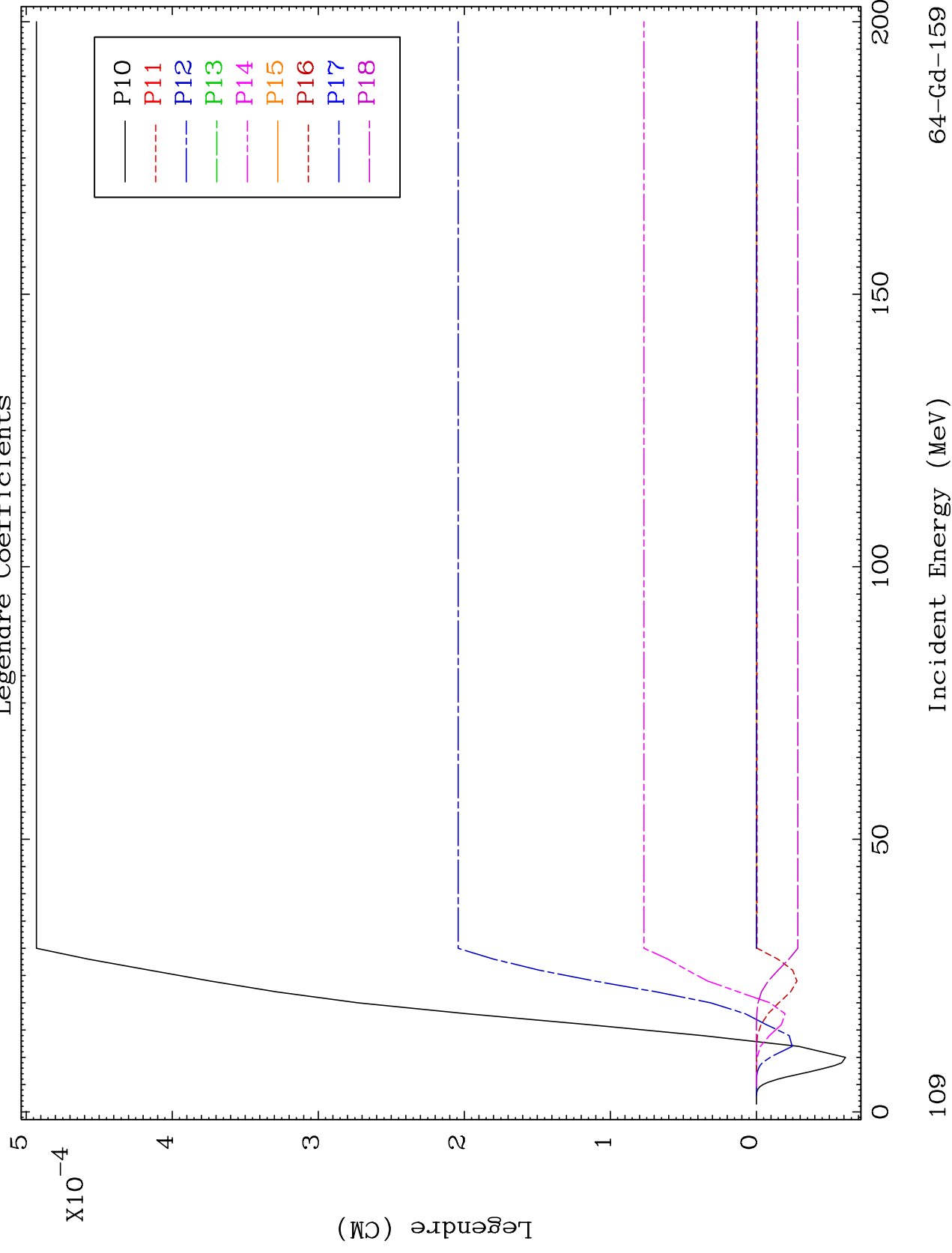
64-Gd-159



MAT 6446

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

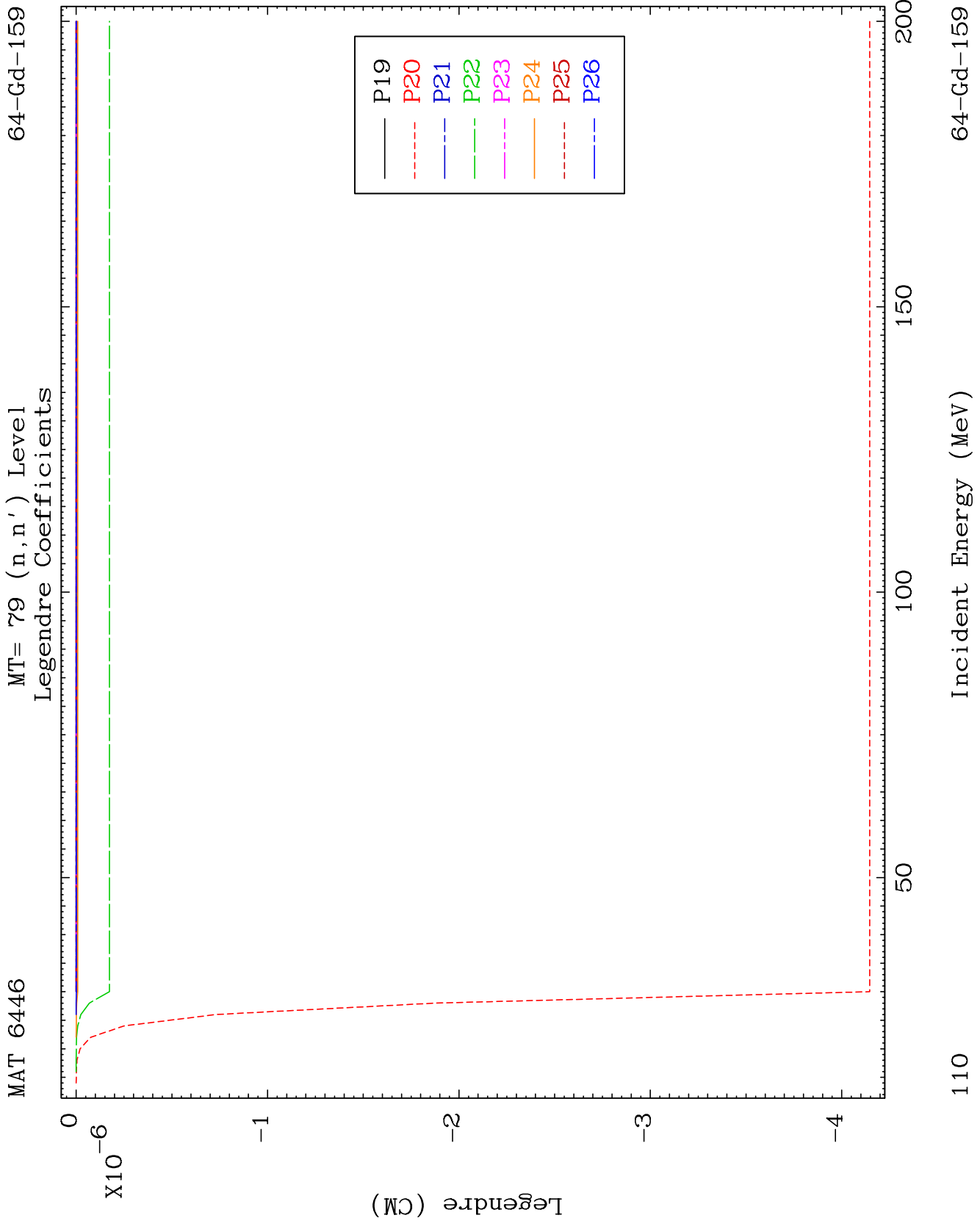
64-Gd-159



64-Gd-159

Incident Energy (MeV)

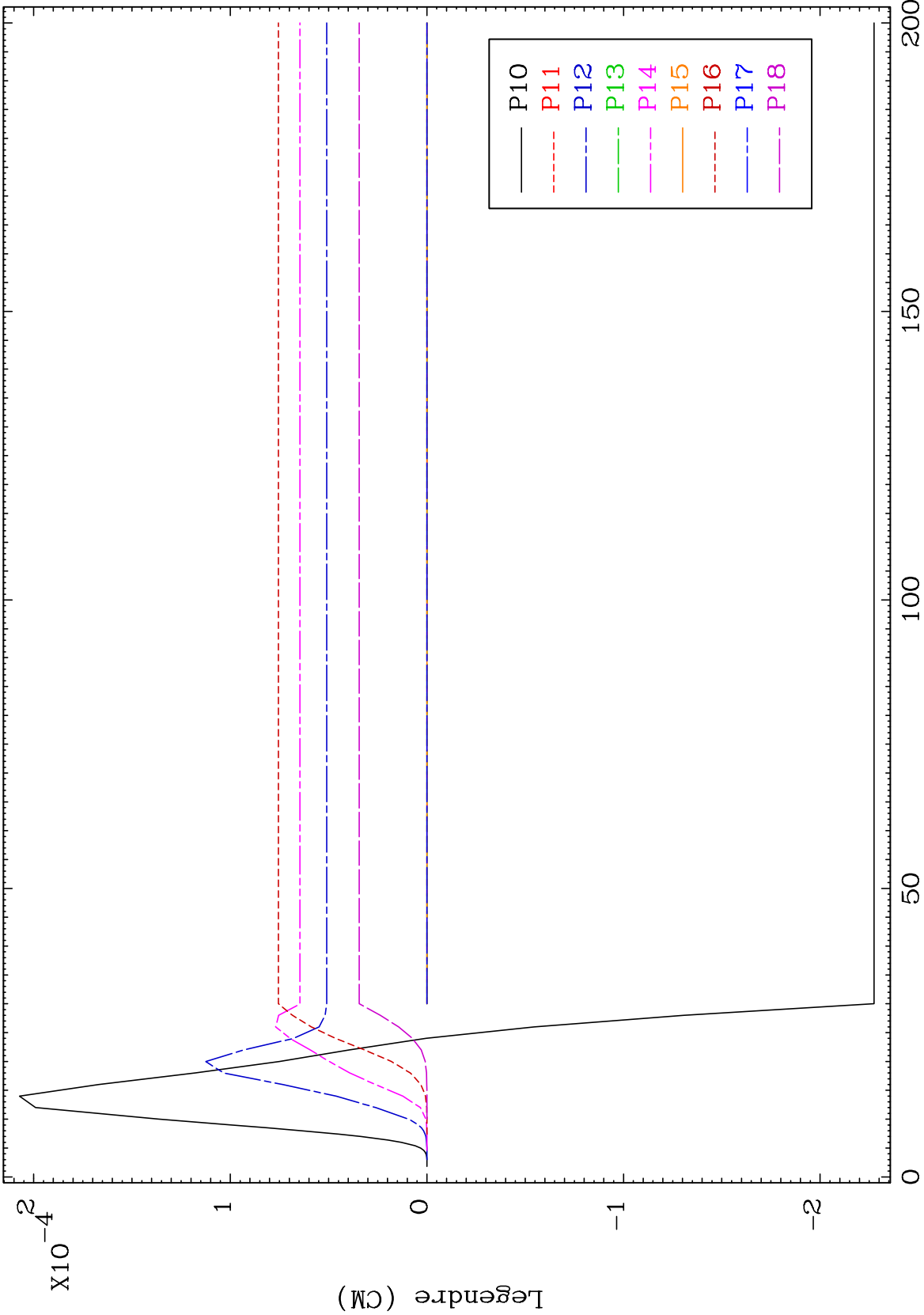
109



MAT 6446

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

64-Gd-159



112

Incident Energy (MeV)

64-Gd-159

