

Program EVALPLOT
(Version 2018-1)

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

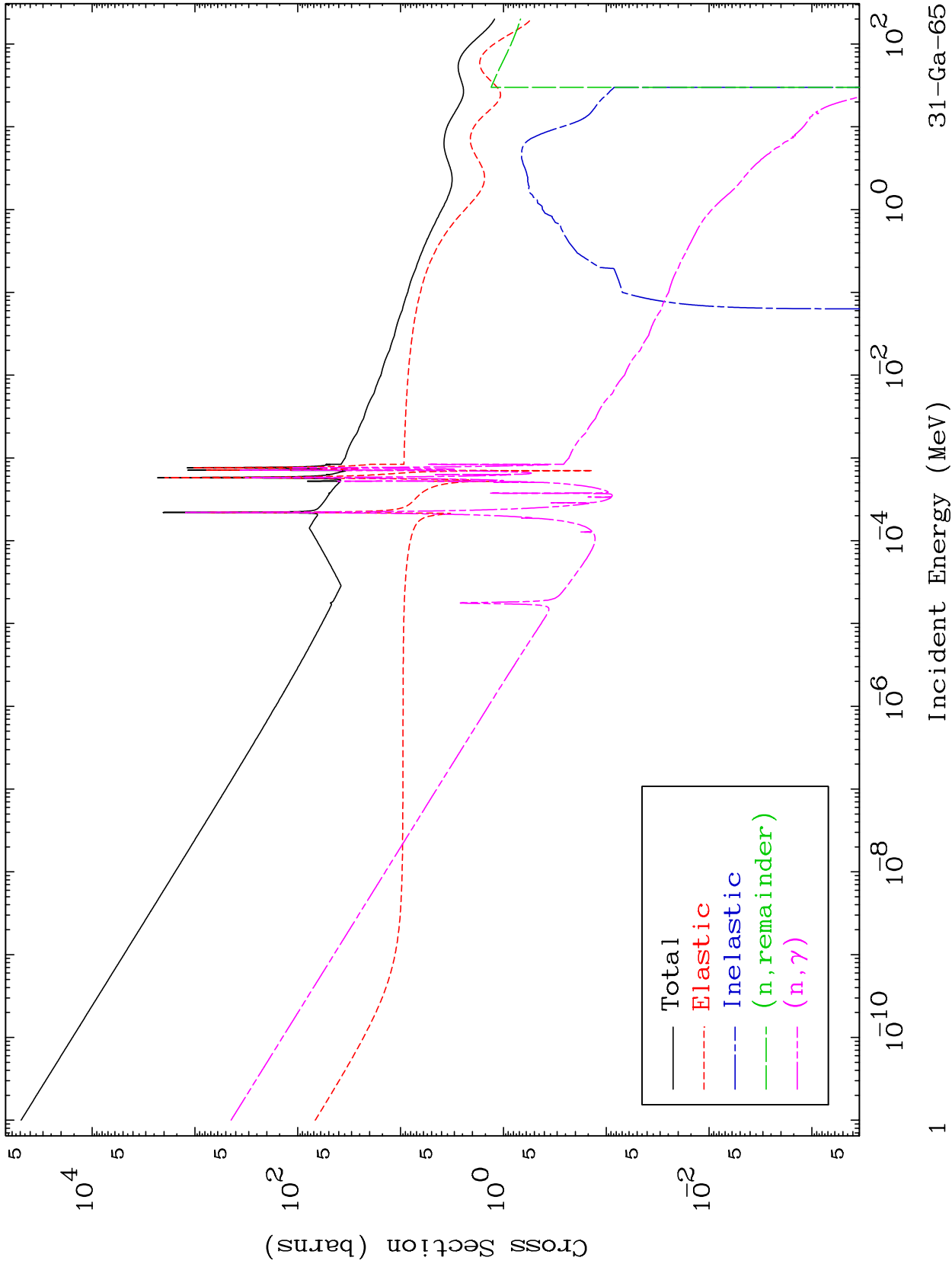
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3113

Major
293 Kelvin Cross Sections

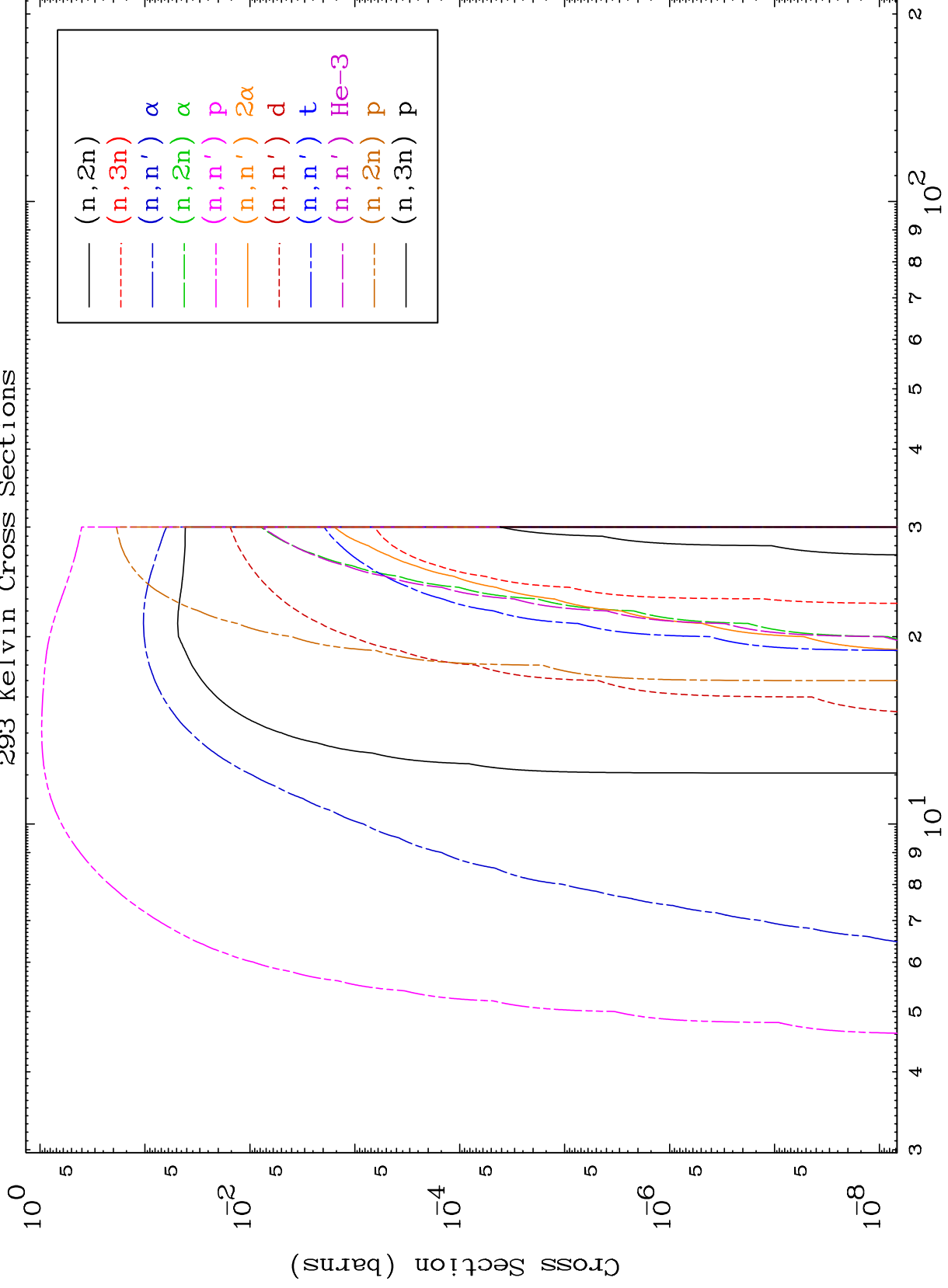
31-Ga-65



MAT 3113

Neutron Production
293 Kelvin Cross Sections

31-Ga-65



Incident Energy (MeV)

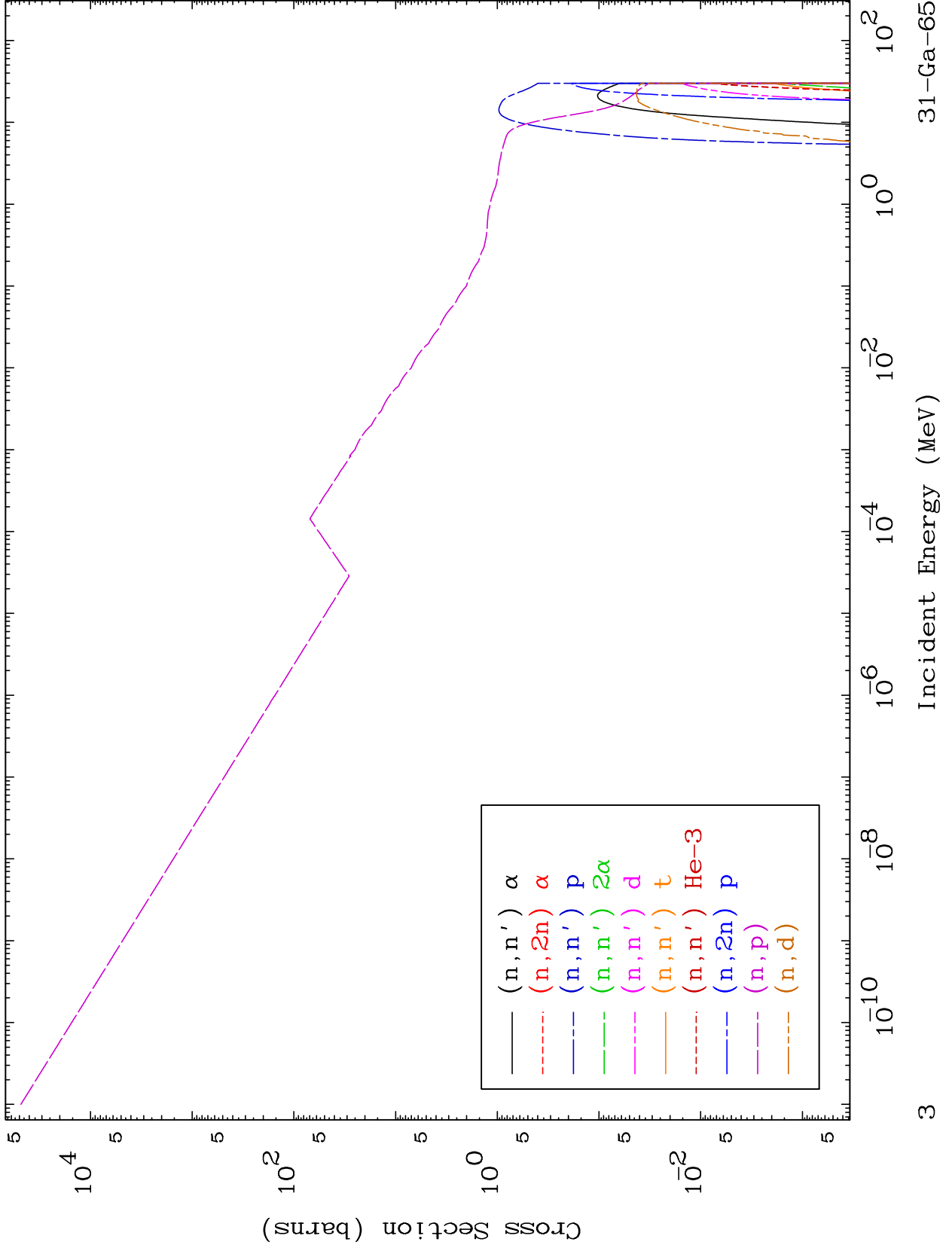
31-Ga-65

2

MAT 3113

Charged Particle
293 Kelvin Cross Sections

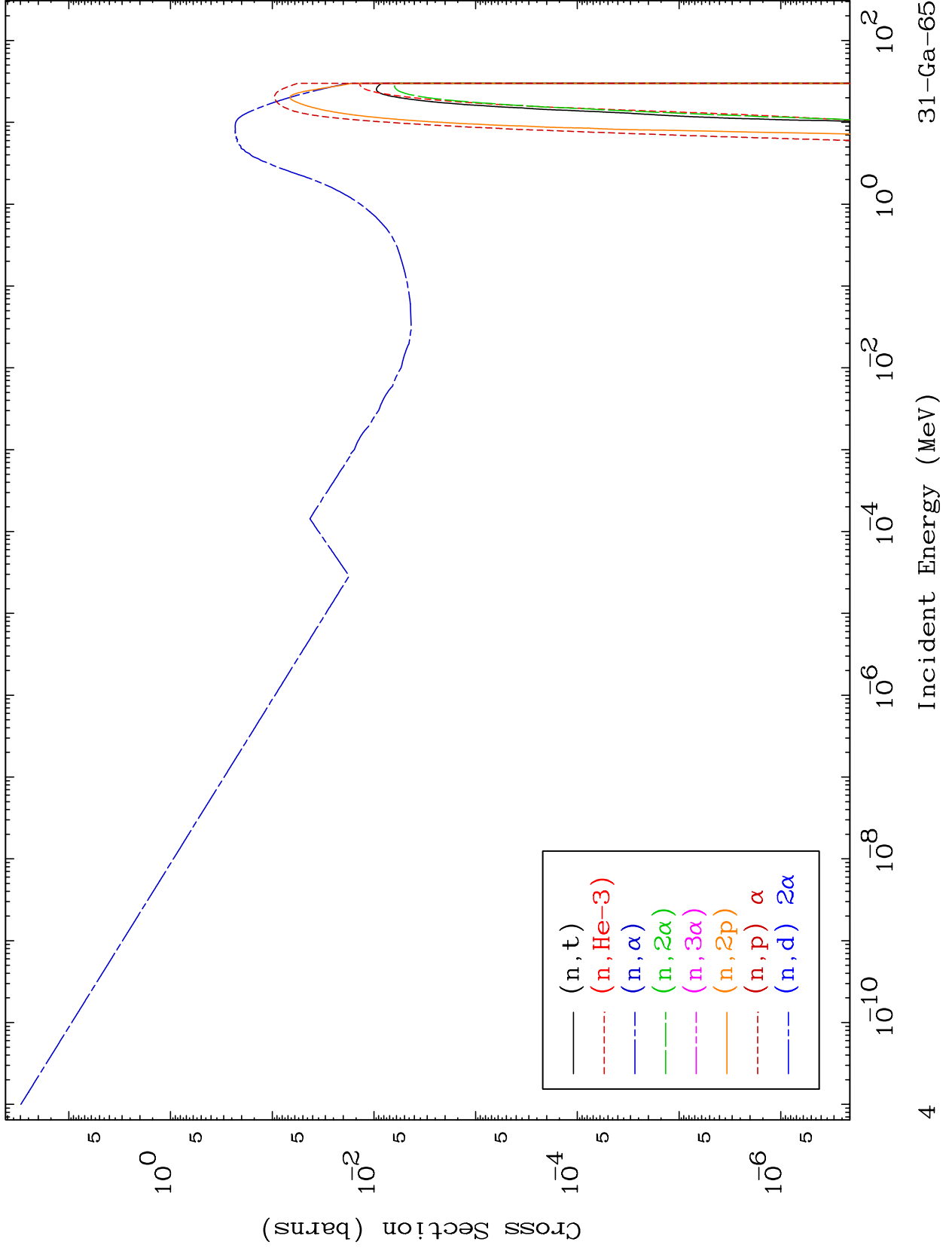
31-Ga-65



MAT 3113

Charged Particle
293 Kelvin Cross Sections

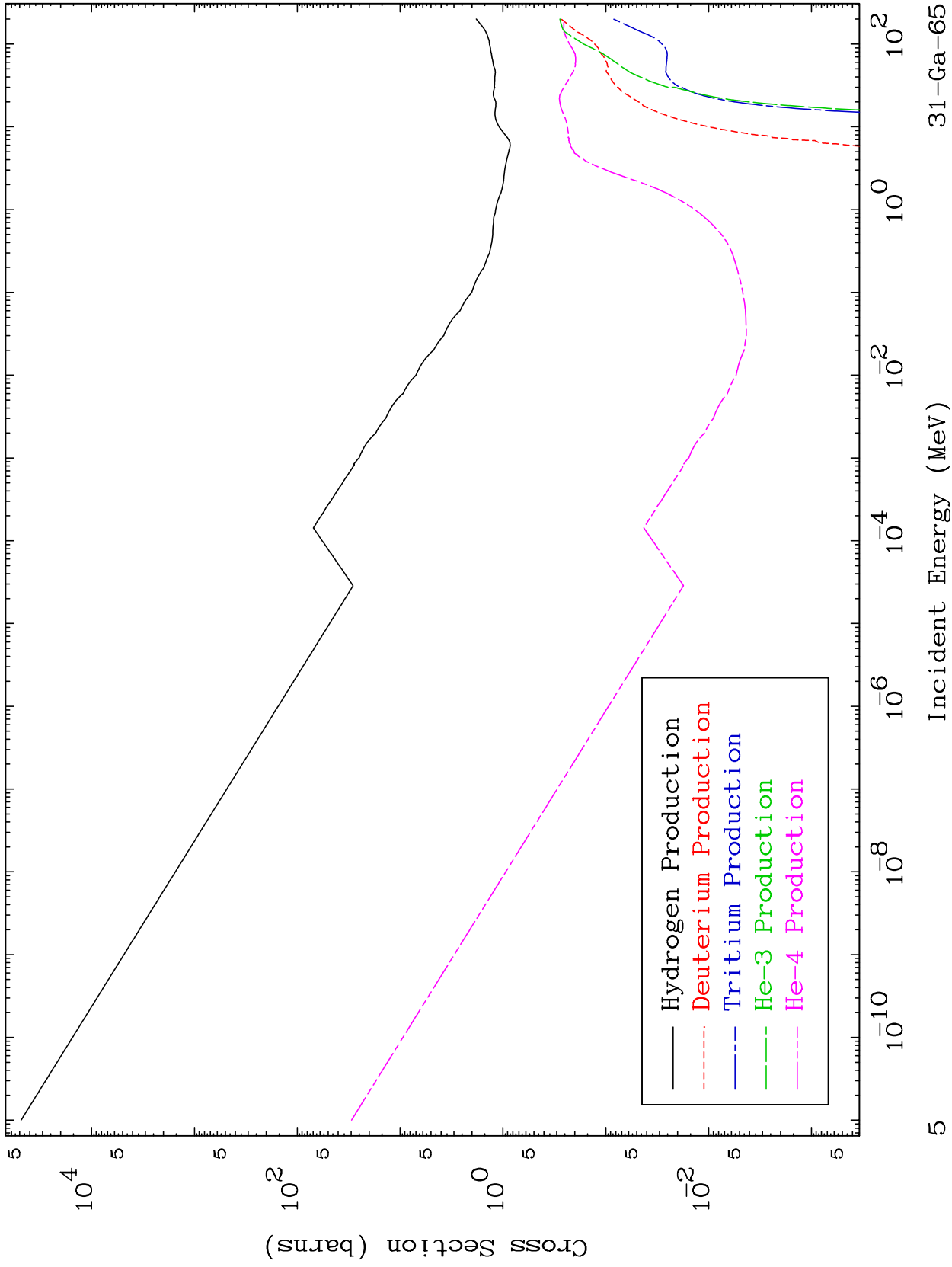
31-Ga-65



MAT 3113

Particle Production
293 Kelvin Cross Sections

31-Ga-65

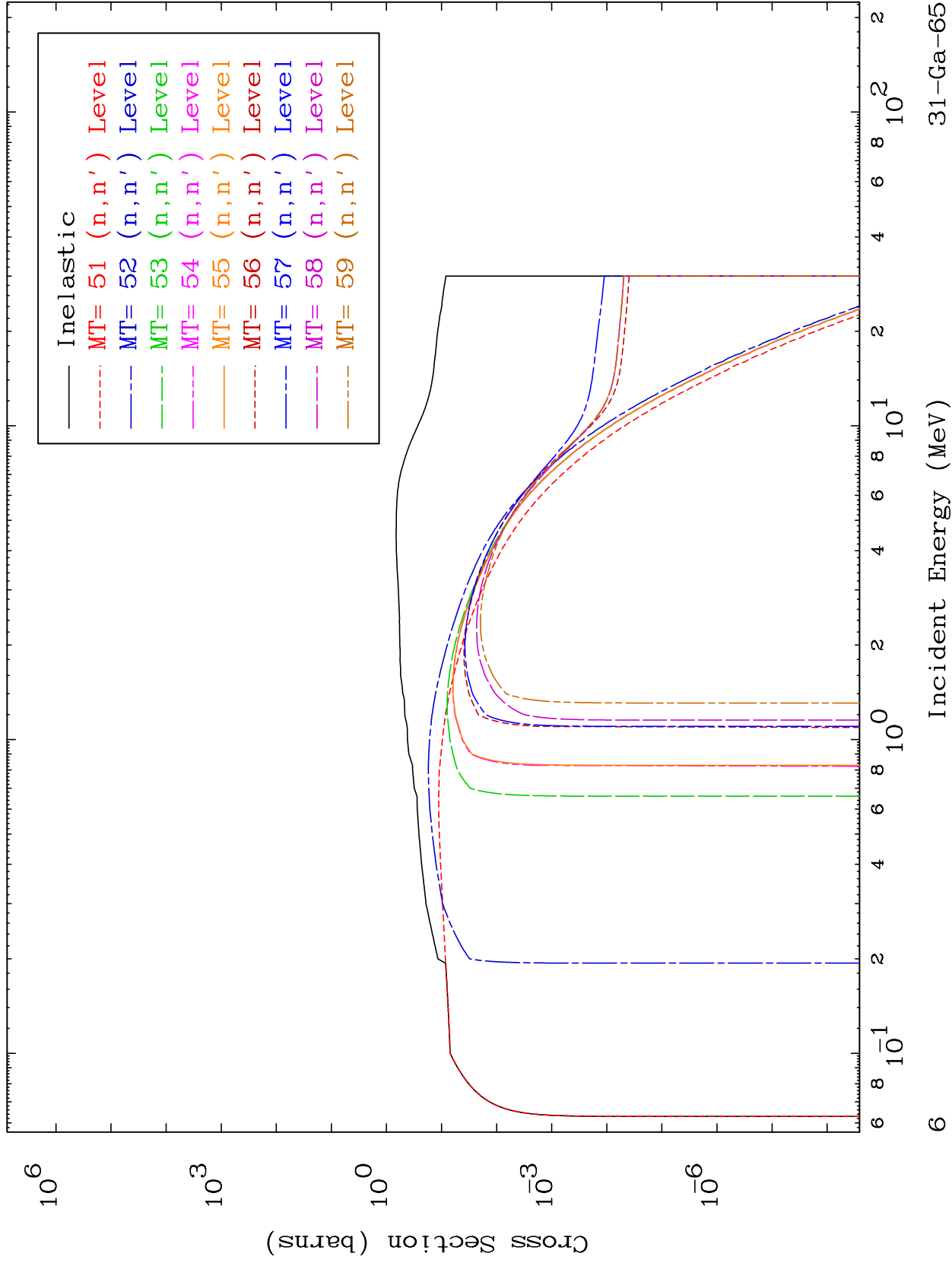


MAT 3113

(n,n') Level

31-Ga-65

293 Kelvin Cross Sections



6

Incident Energy (MeV)

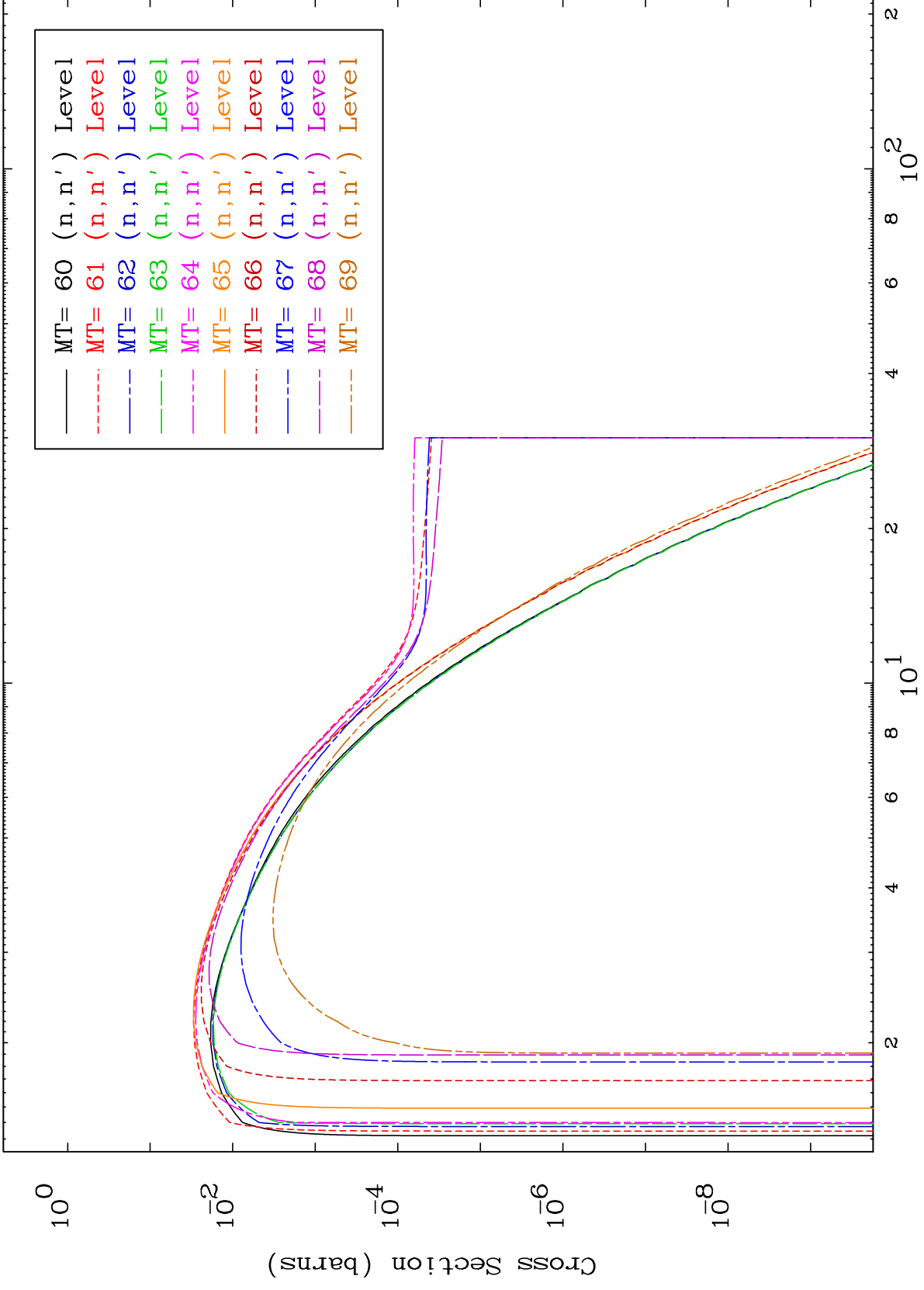
31-Ga-65

MAT 3113

(n,n') Level

31-Ga-65

293 Kelvin Cross Sections



7

Incident Energy (MeV)

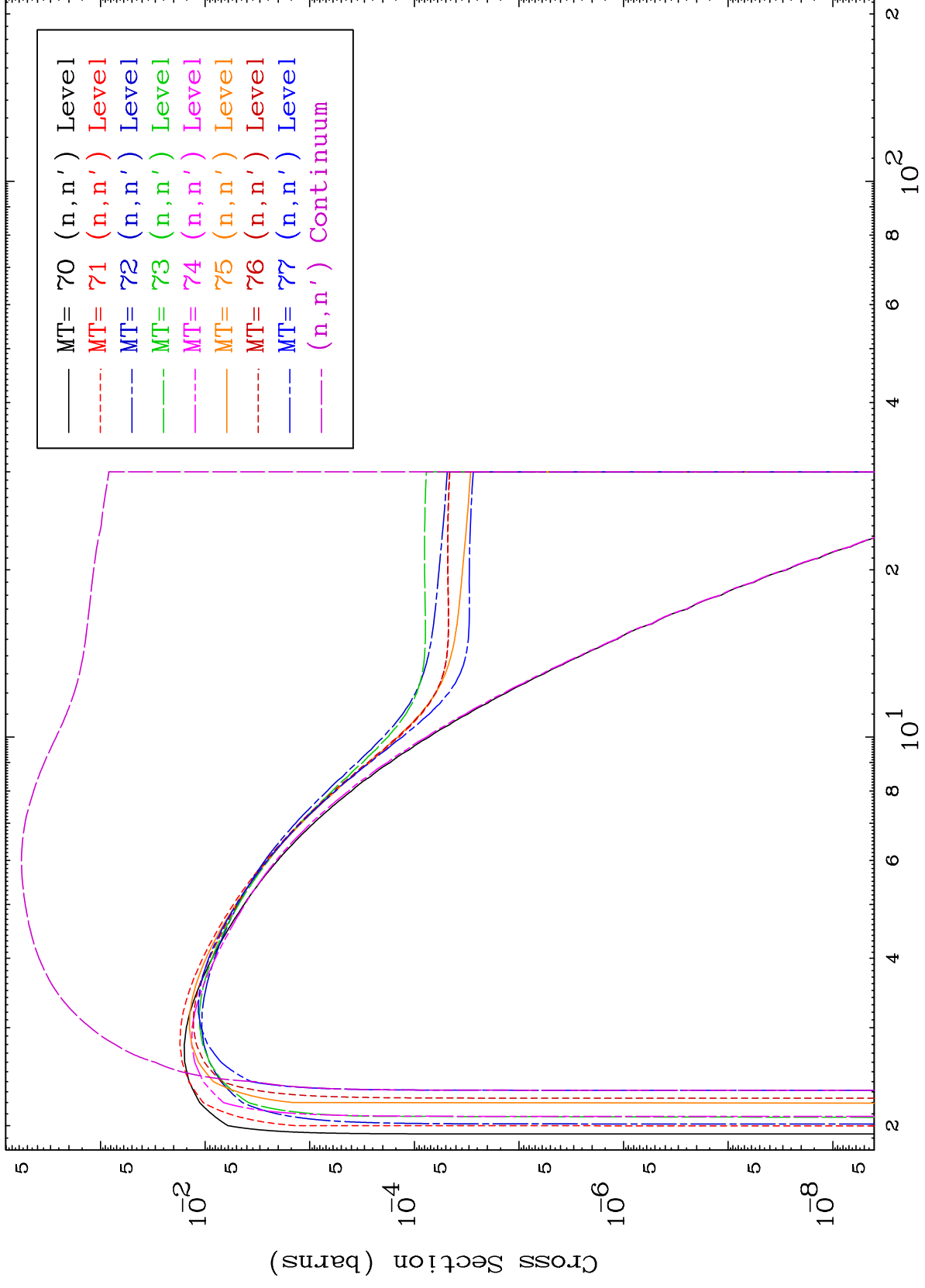
31-Ga-65

MAT 3113

(n,n') Level

31-Ga-65

293 Kelvin Cross Sections



8

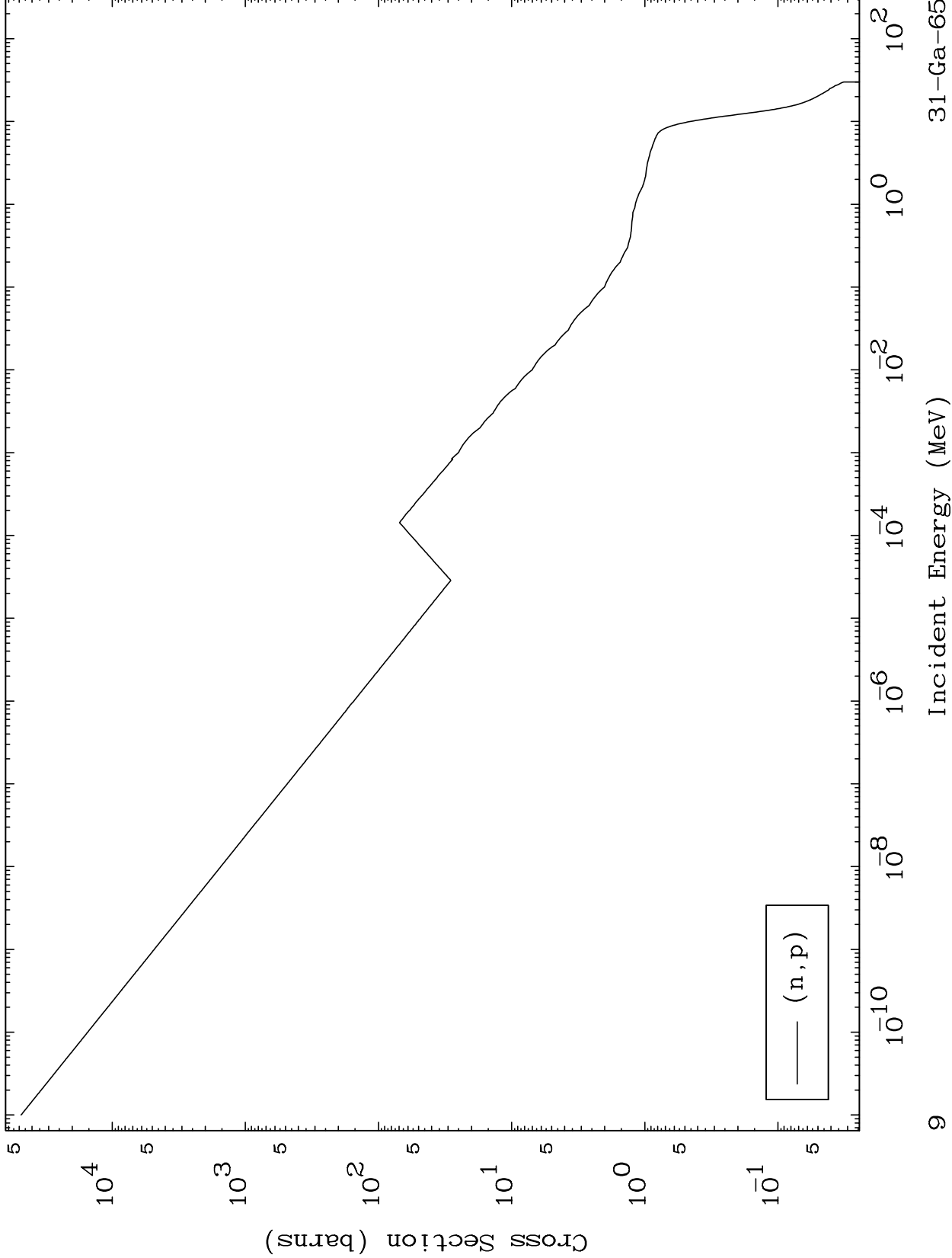
Incident Energy (MeV)

31-Ga-65

MAT 3113

(n,p) Levels
293 Kelvin Cross Sections

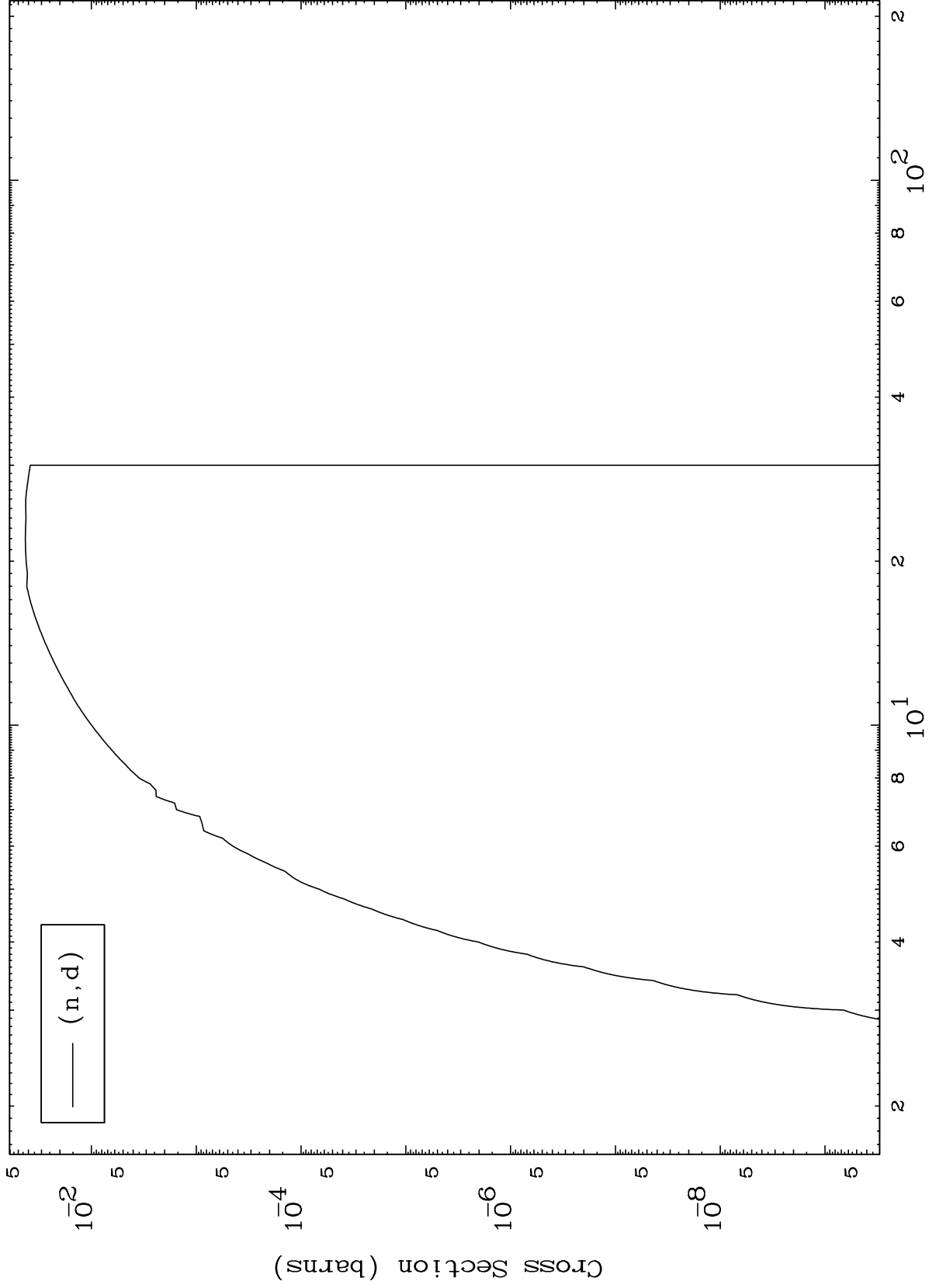
31-Ga-65



MAT 3113

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-65



10

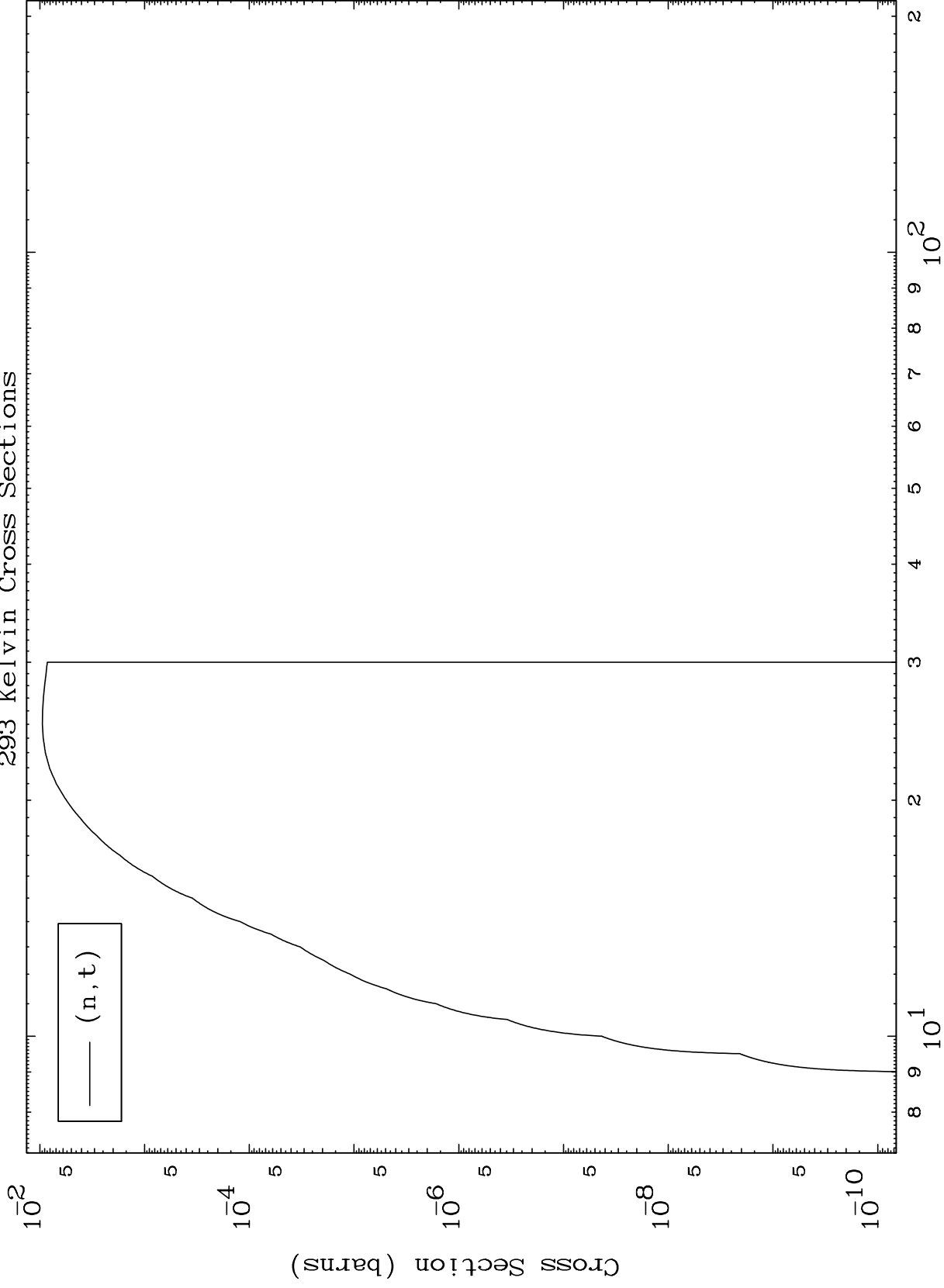
Incident Energy (MeV)

31-Ga-65

MAT 3113

(n,t) Levels
293 Kelvin Cross Sections

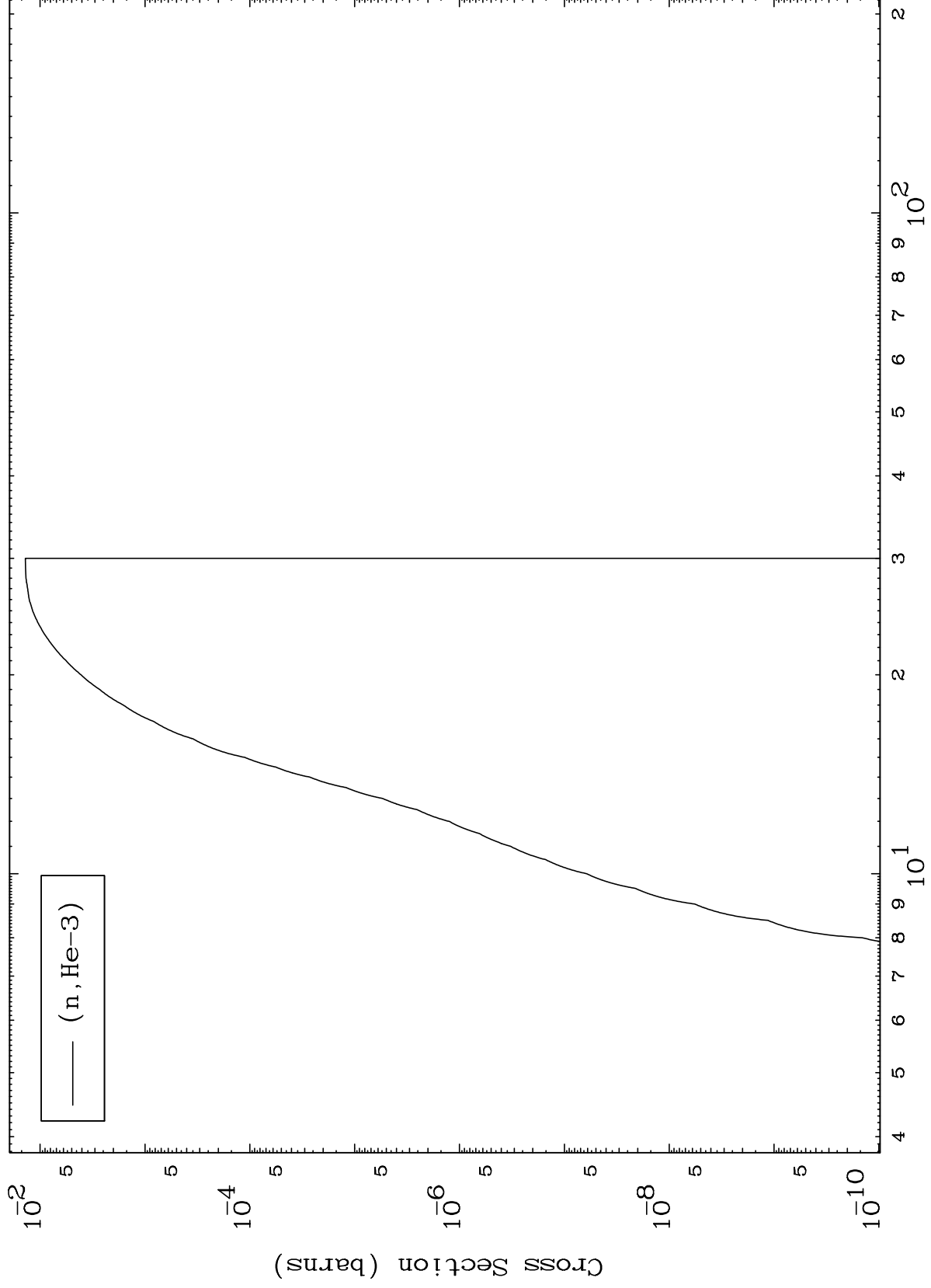
31-Ga-65



MAT 3113

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-65



12

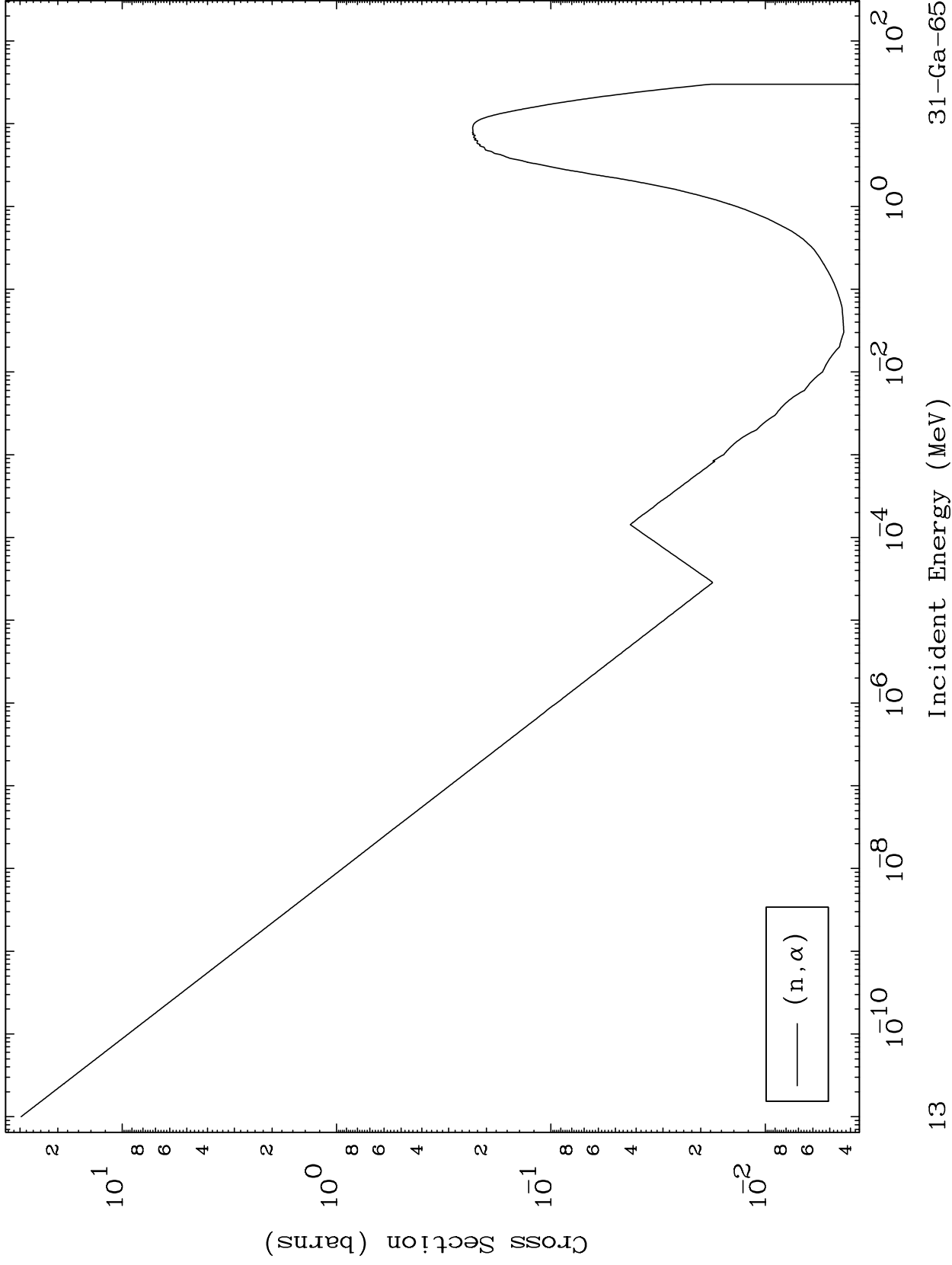
Incident Energy (MeV)

31-Ga-65

MAT 3113

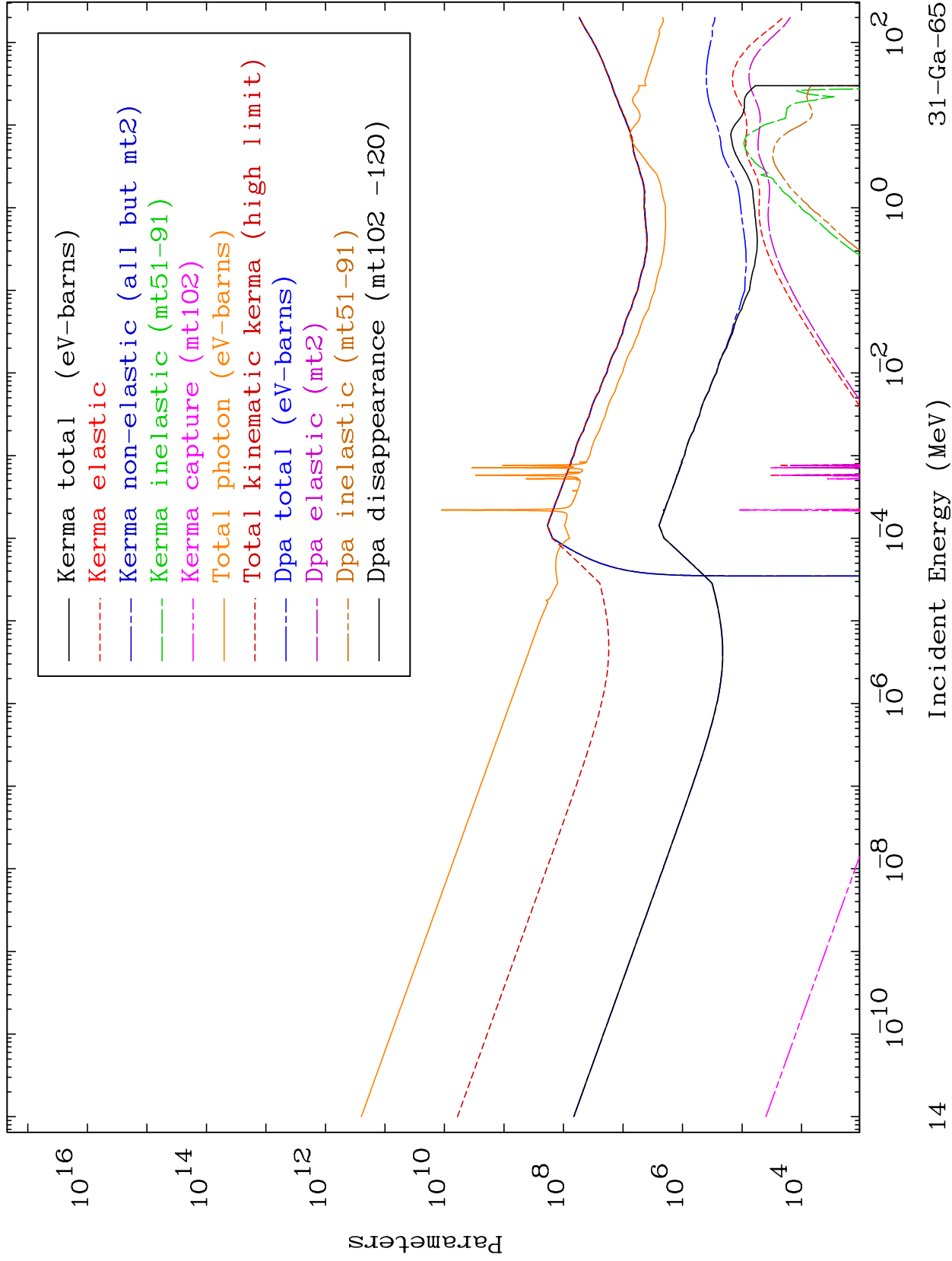
(n, α) Levels
293 Kelvin Cross Sections

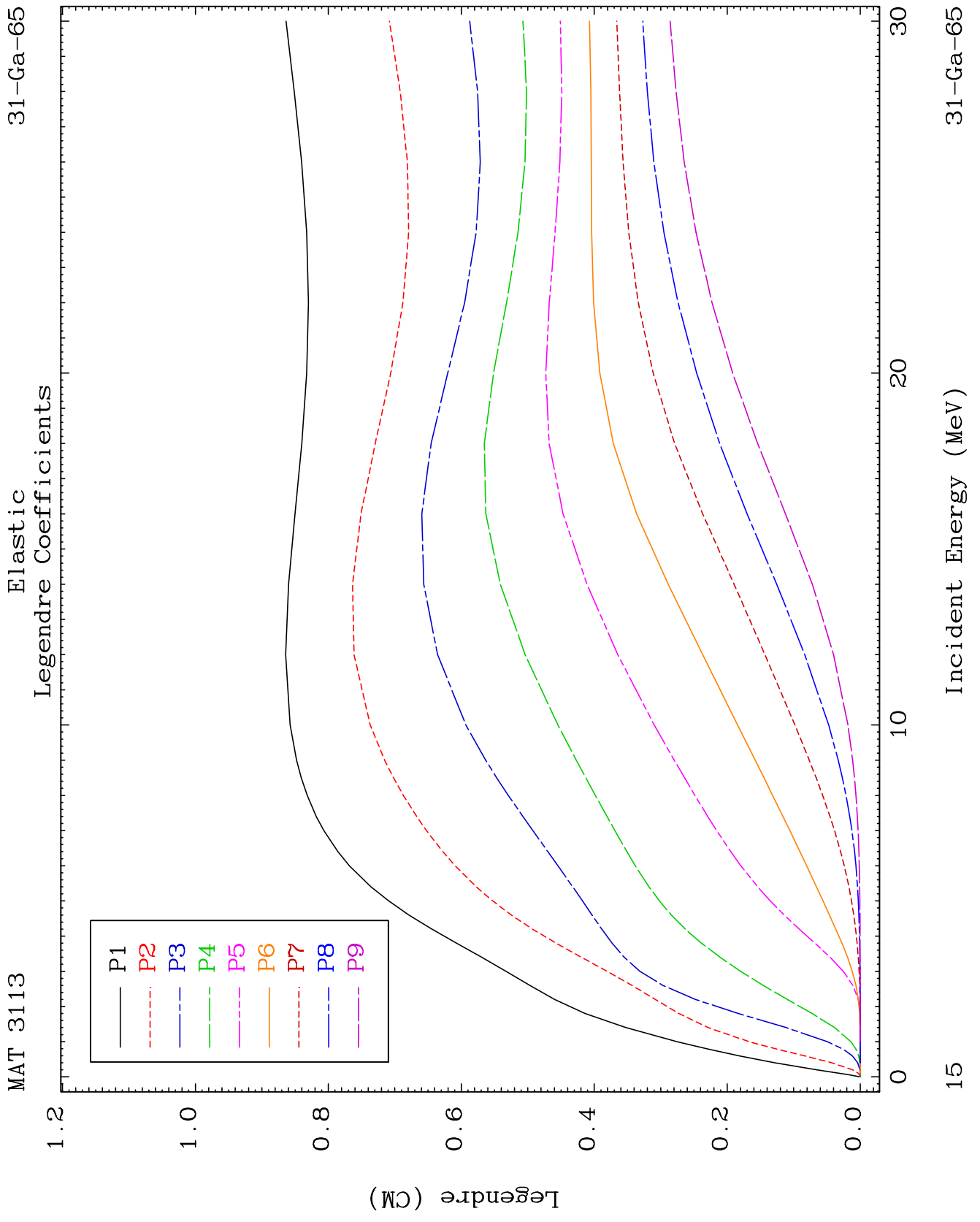
31-Ga-65

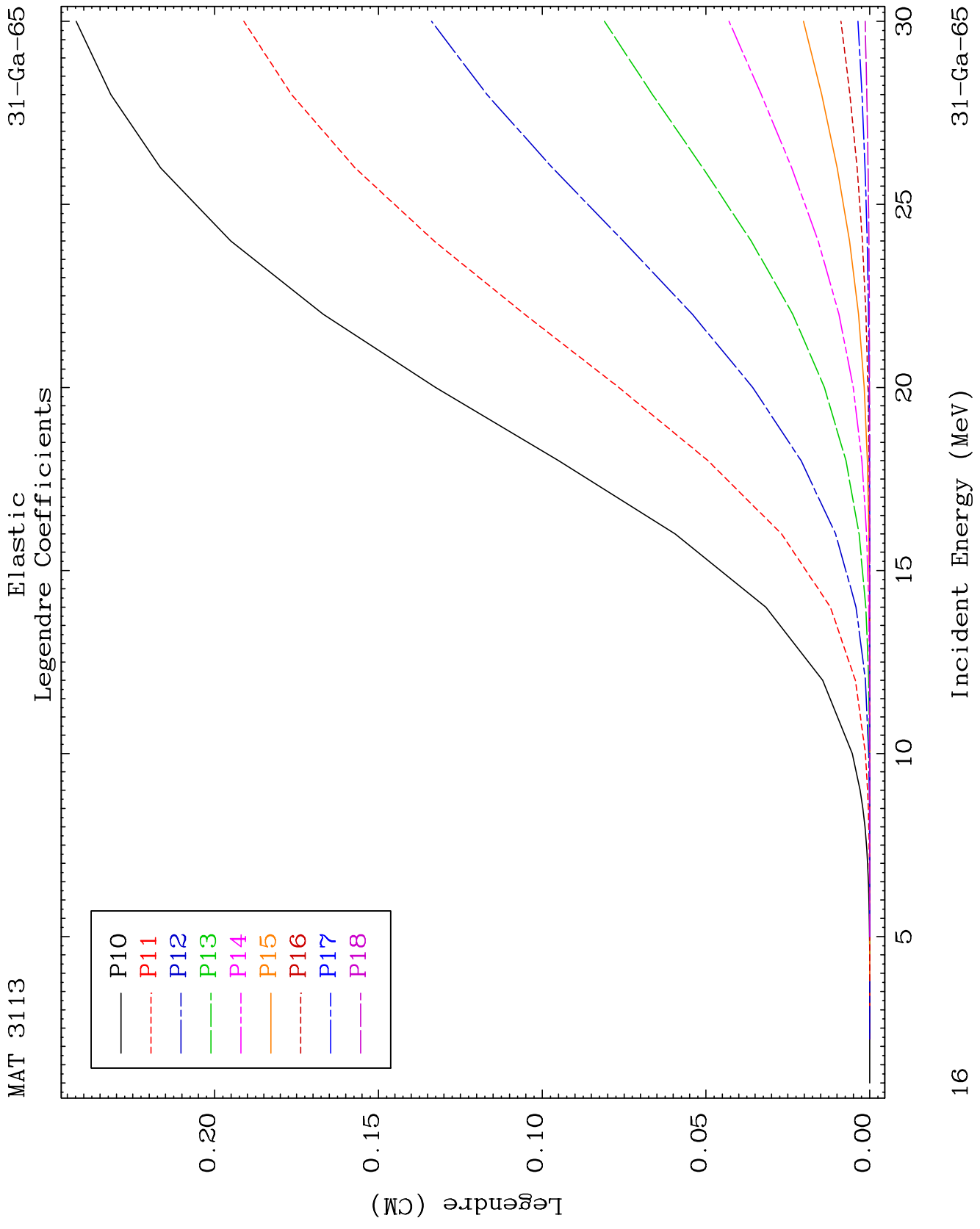


13

31-Ga-65







MAT 3113

Elastic Legendre Coefficients

31-Ga-65

16

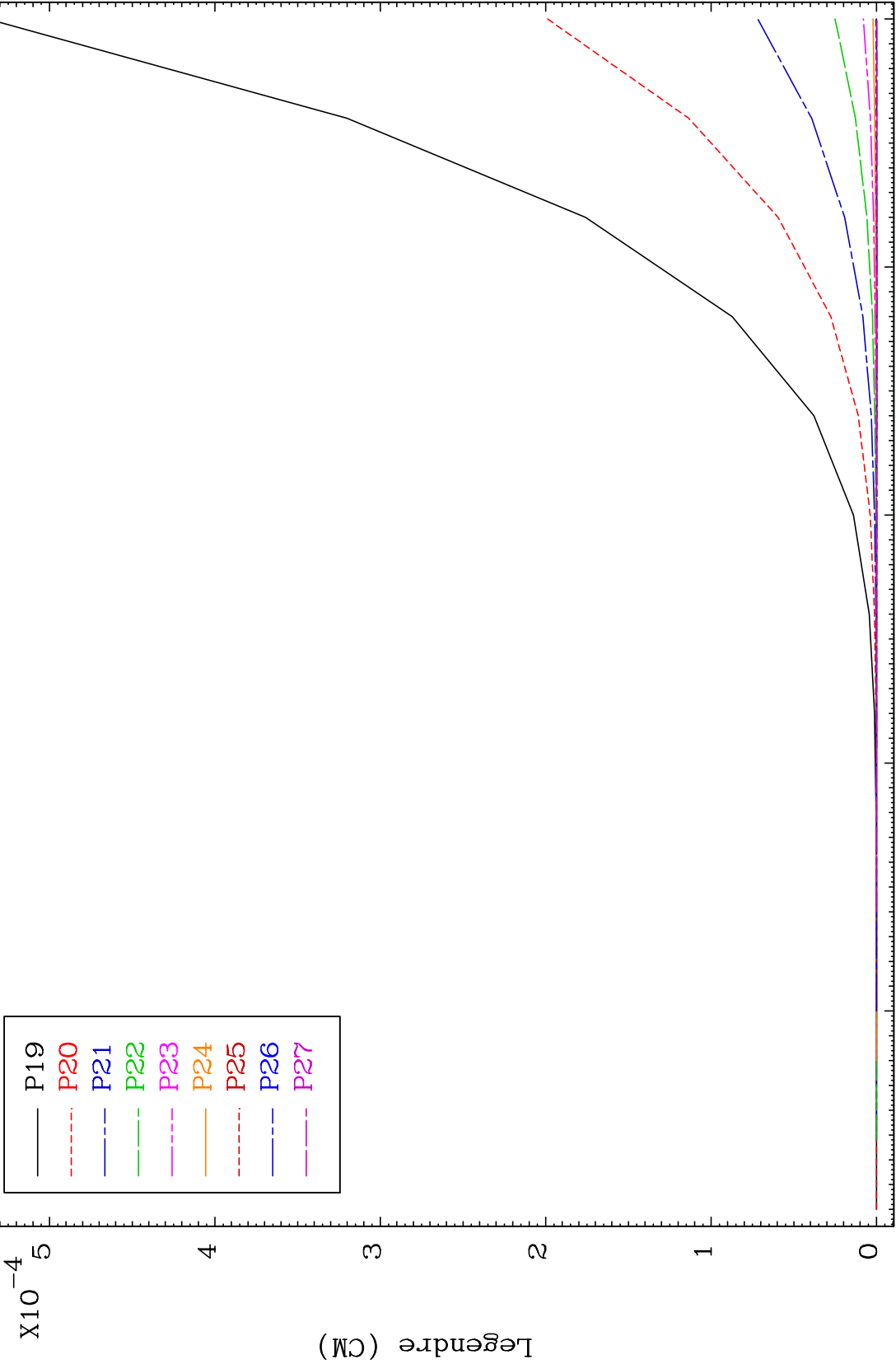
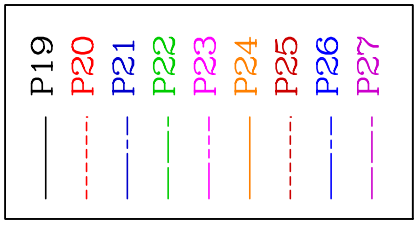
Incident Energy (MeV)

31-Ga-65

MAT 3113

Elastic Legendre Coefficients

31-Ga-65



17

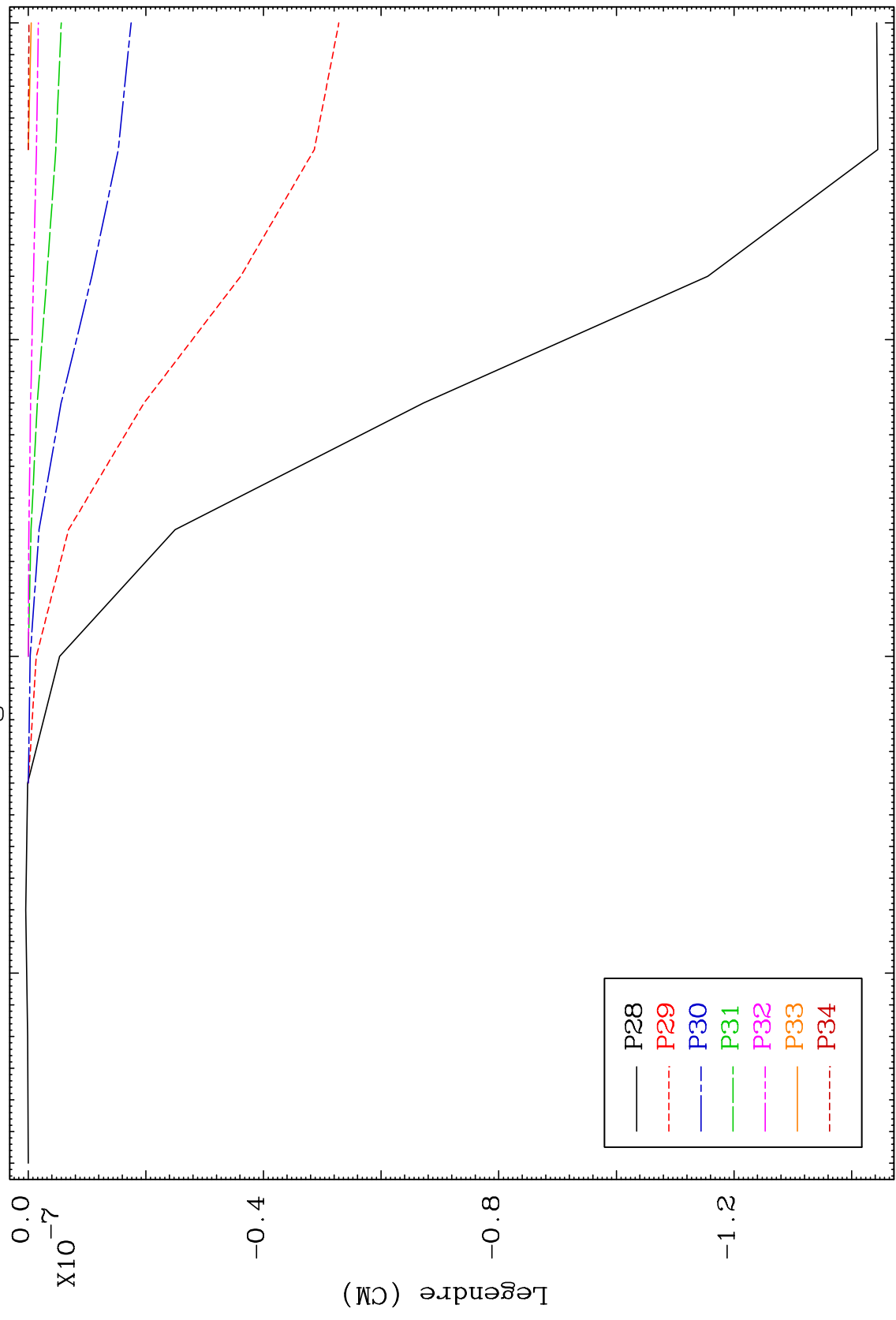
Incident Energy (MeV)

31-Ga-65

MAT 3113

31-Ga-65

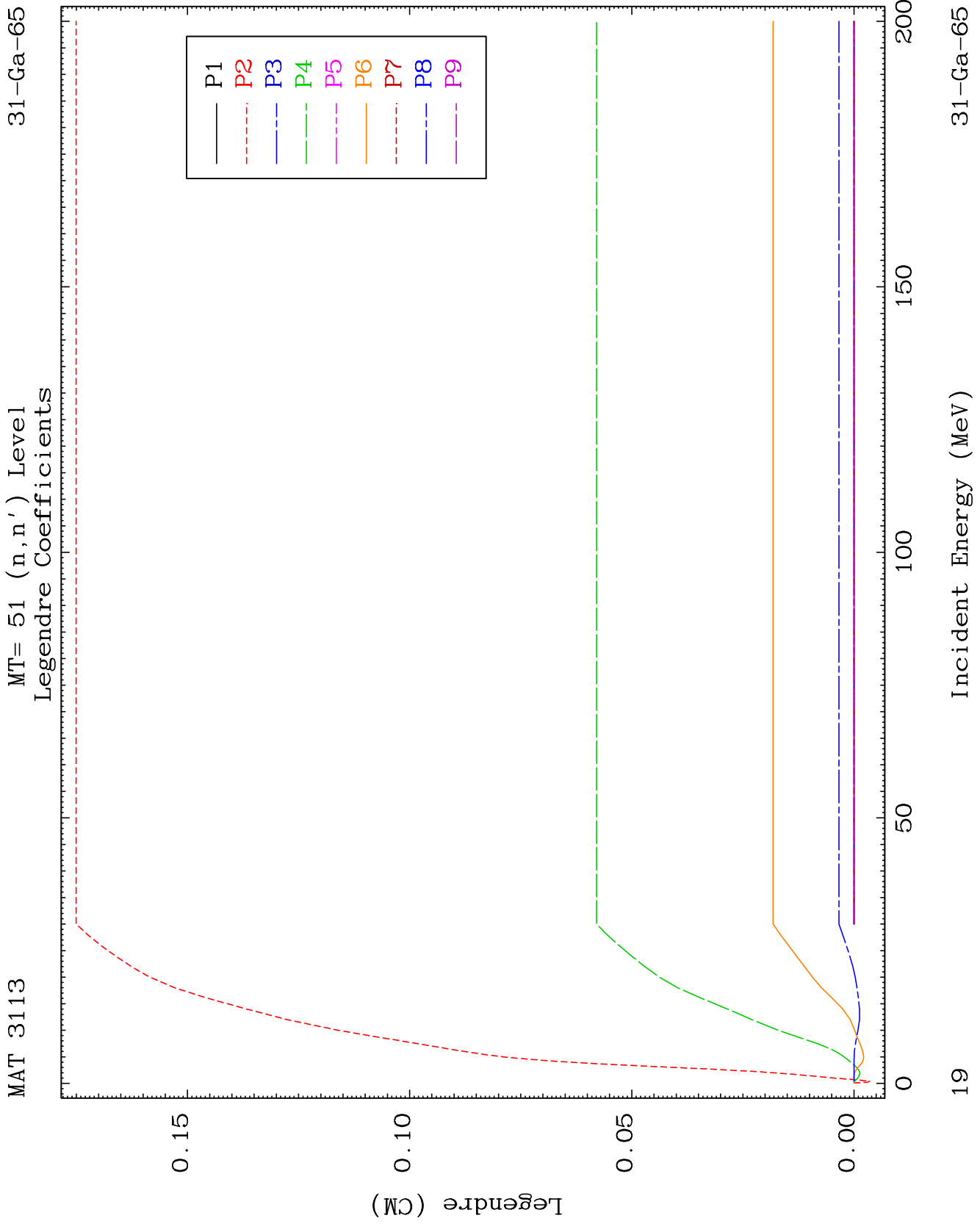
Elastic Legendre Coefficients



18

Incident Energy (MeV)

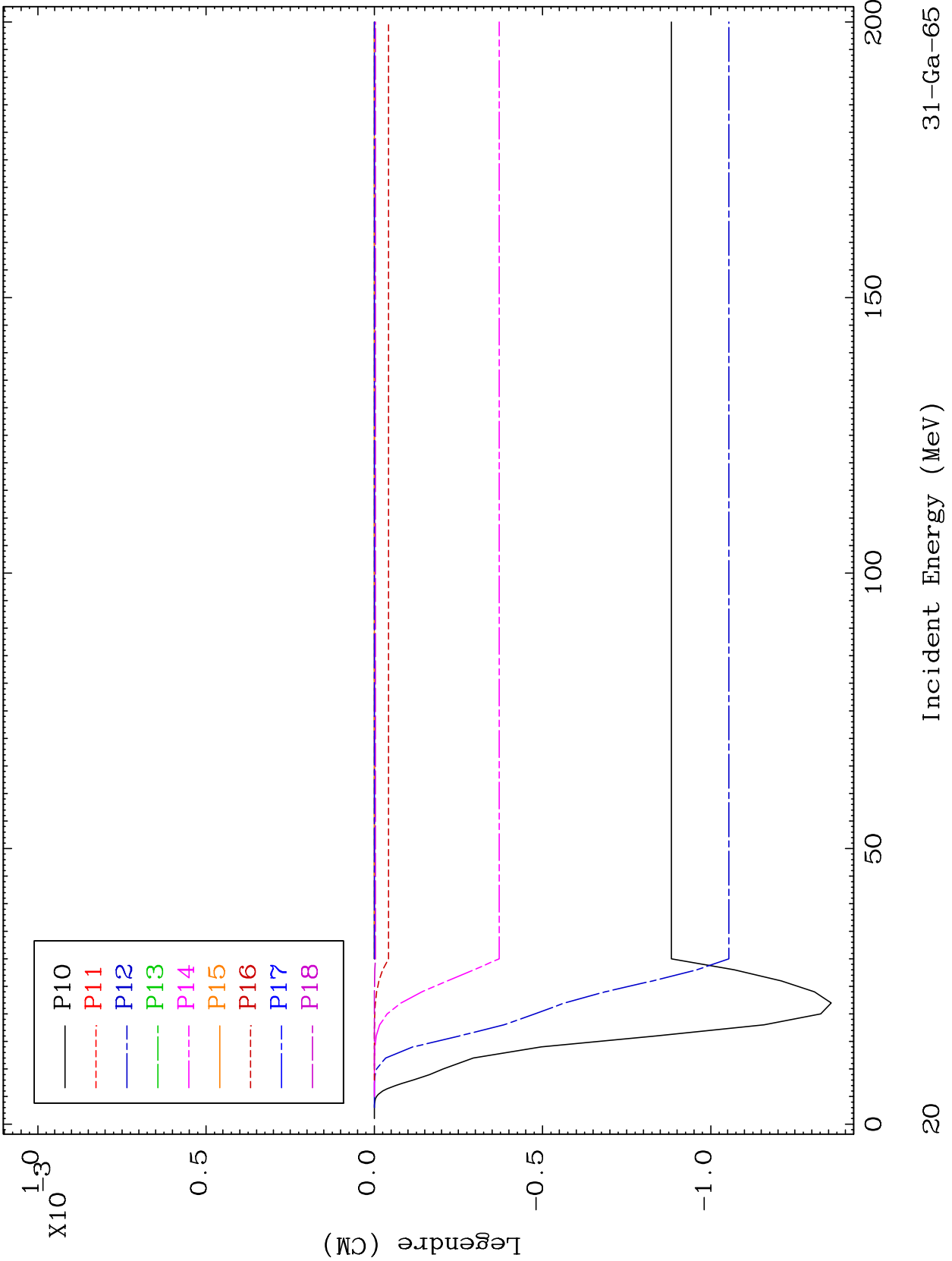
31-Ga-65

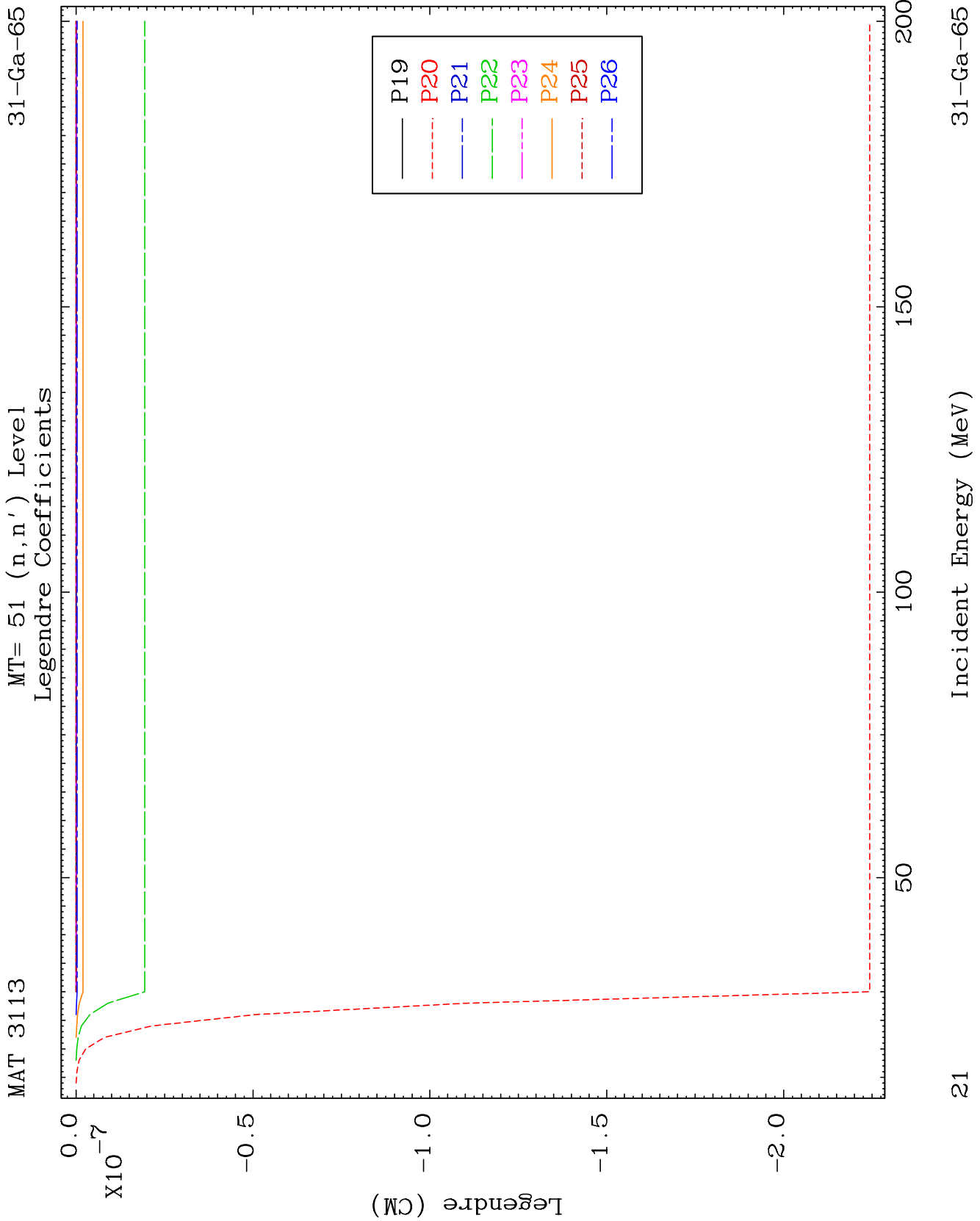


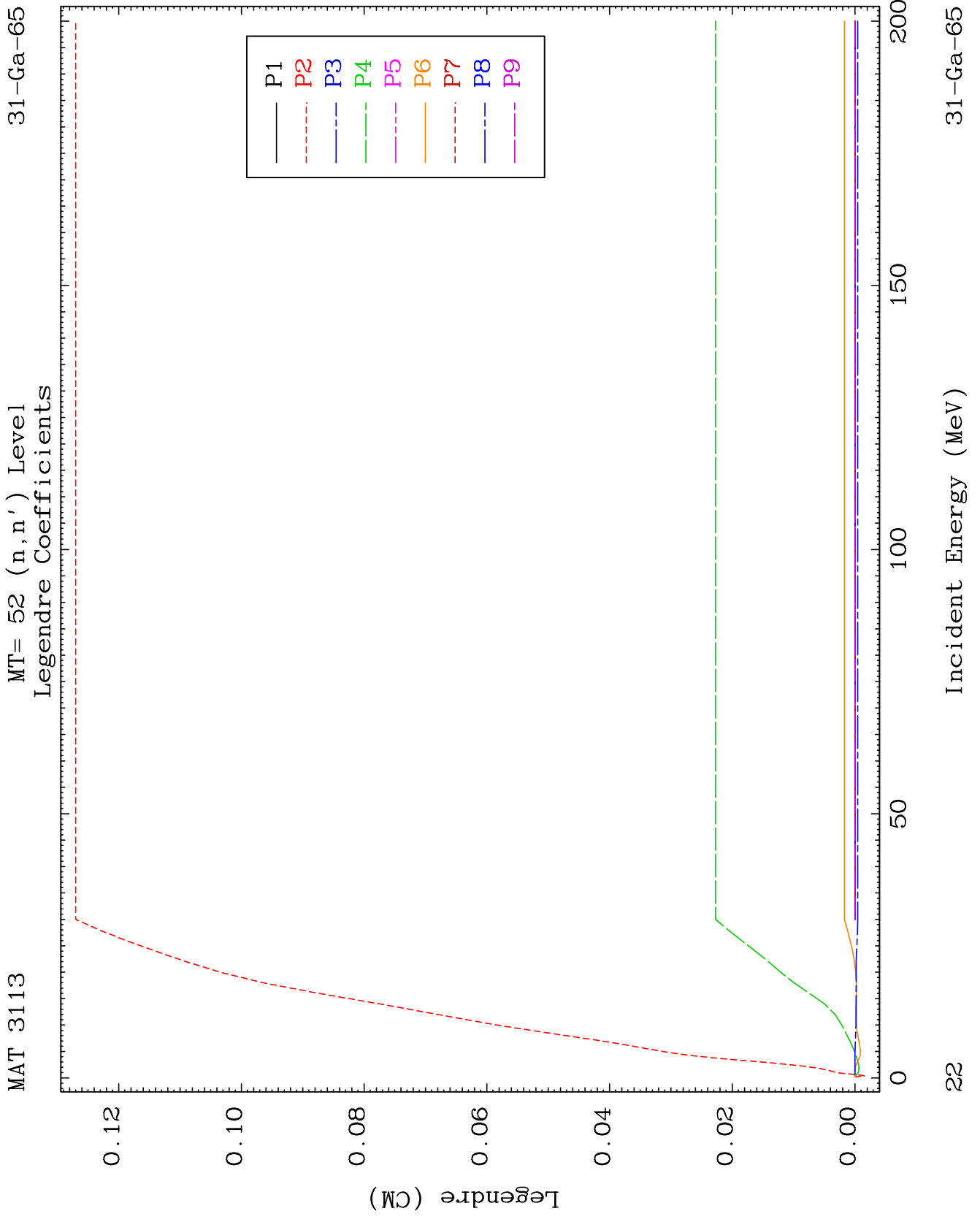
MAT 3113

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

31-Ga-65



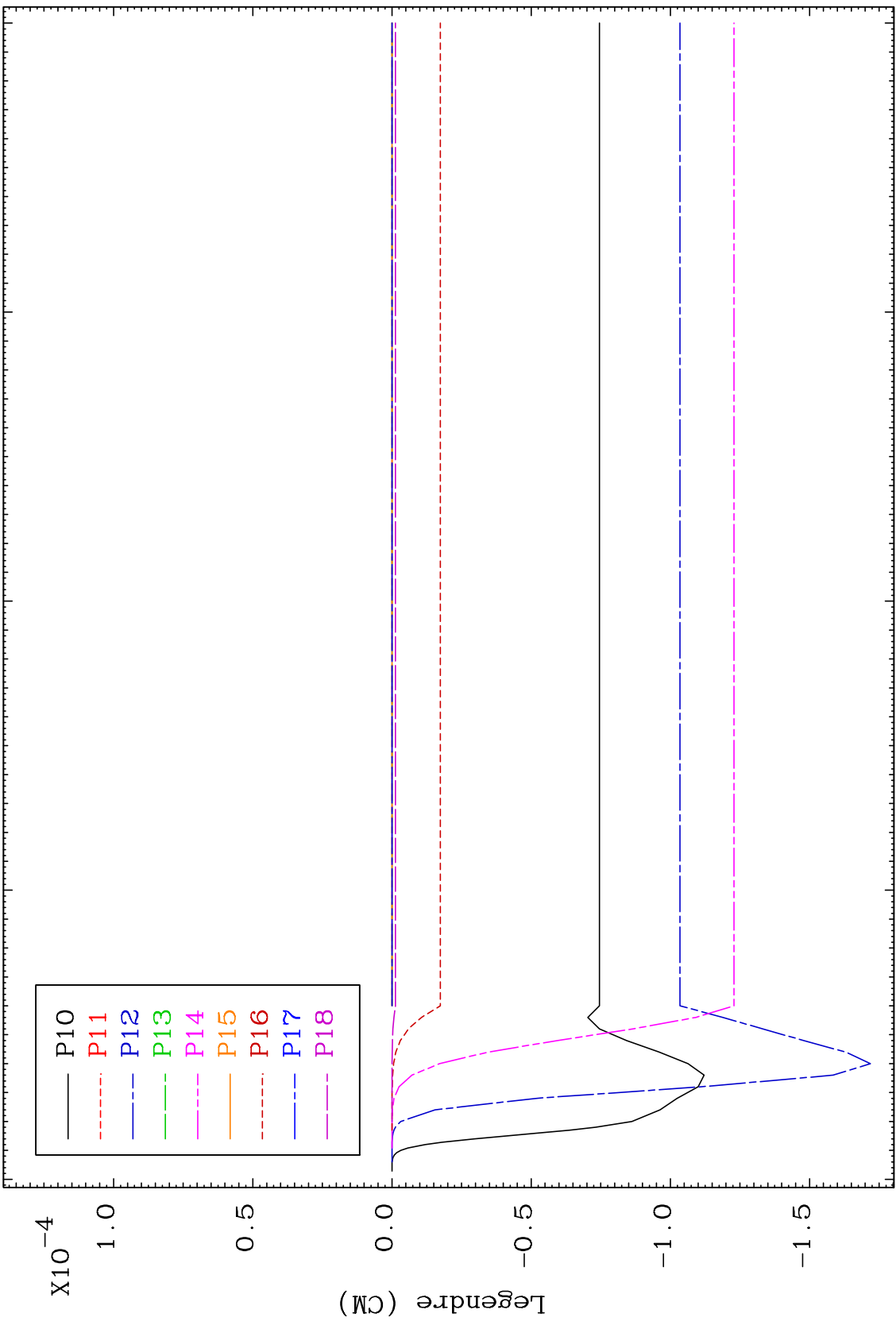
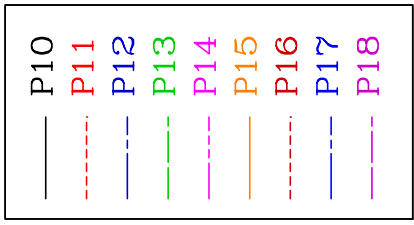




MAT 3113

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

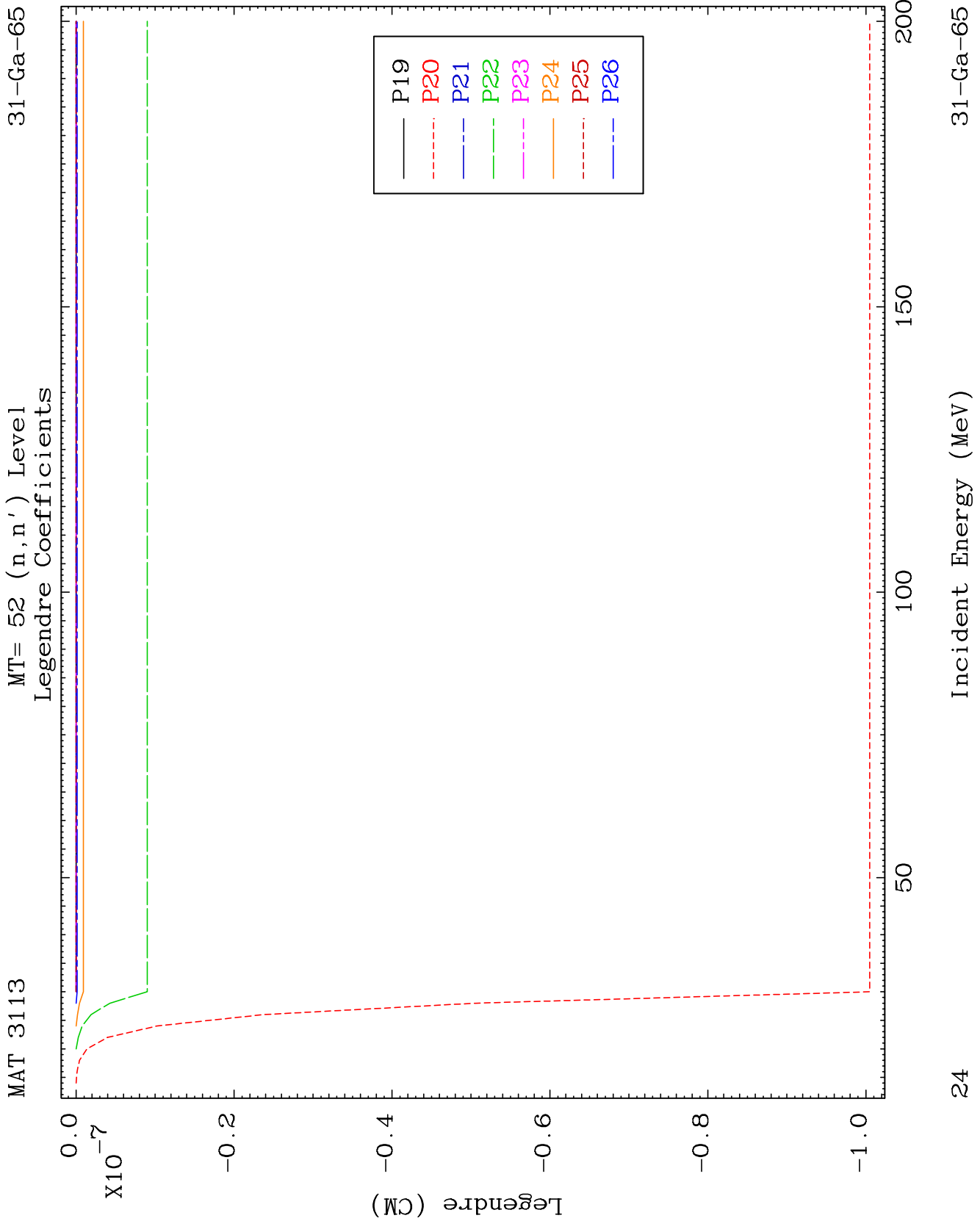
31-Ga-65

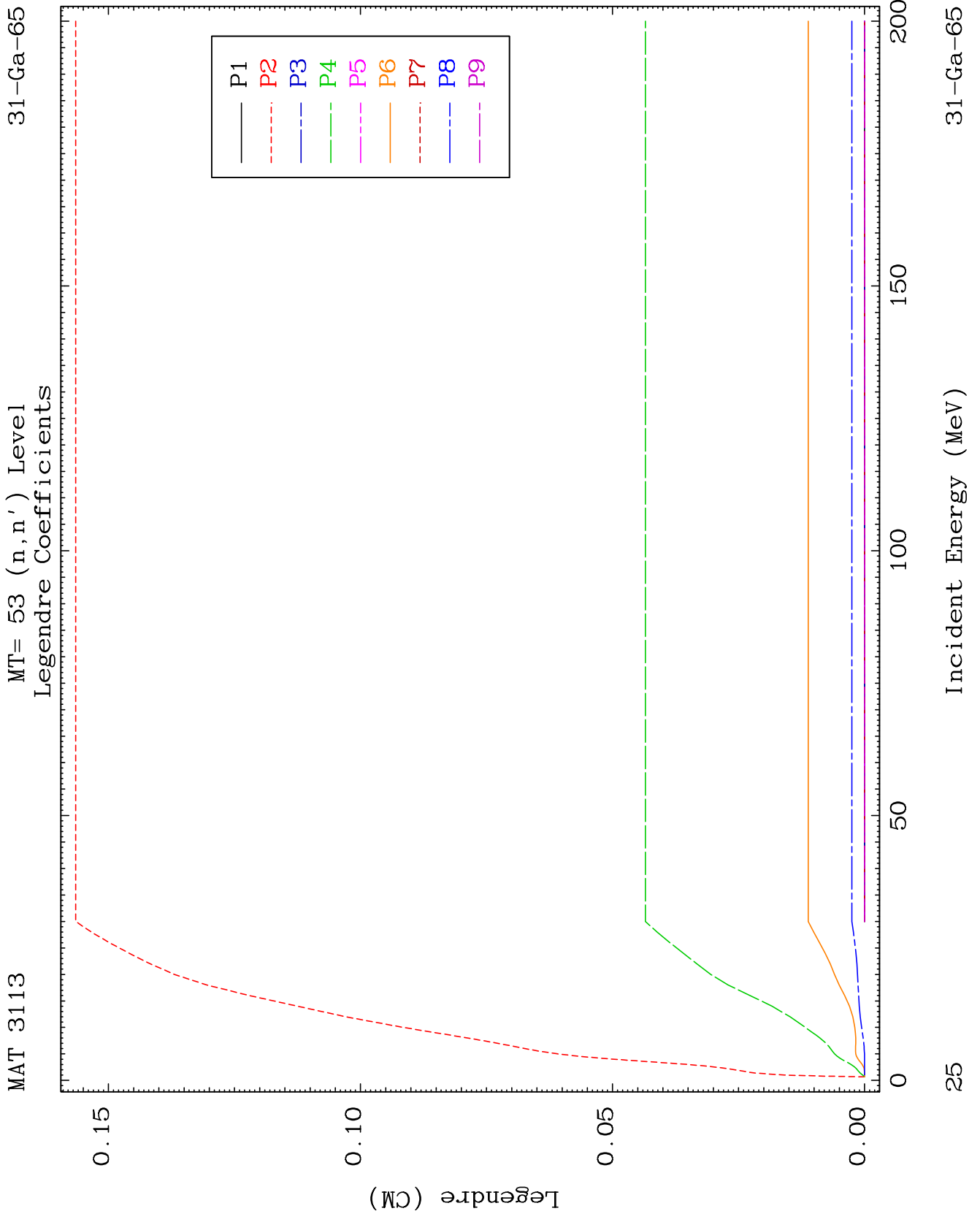


23

Incident Energy (MeV)

31-Ga-65

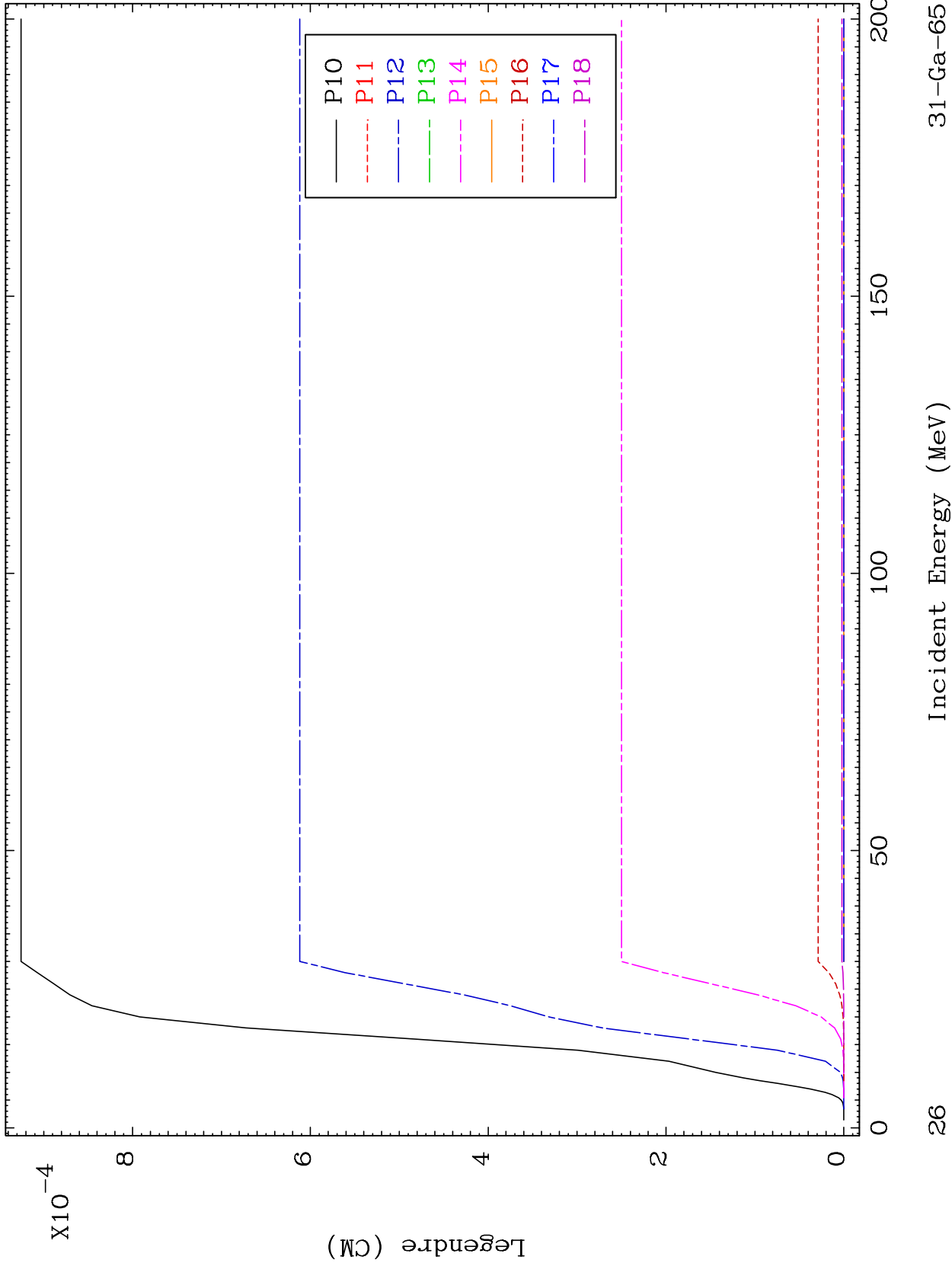




MAT 3113

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

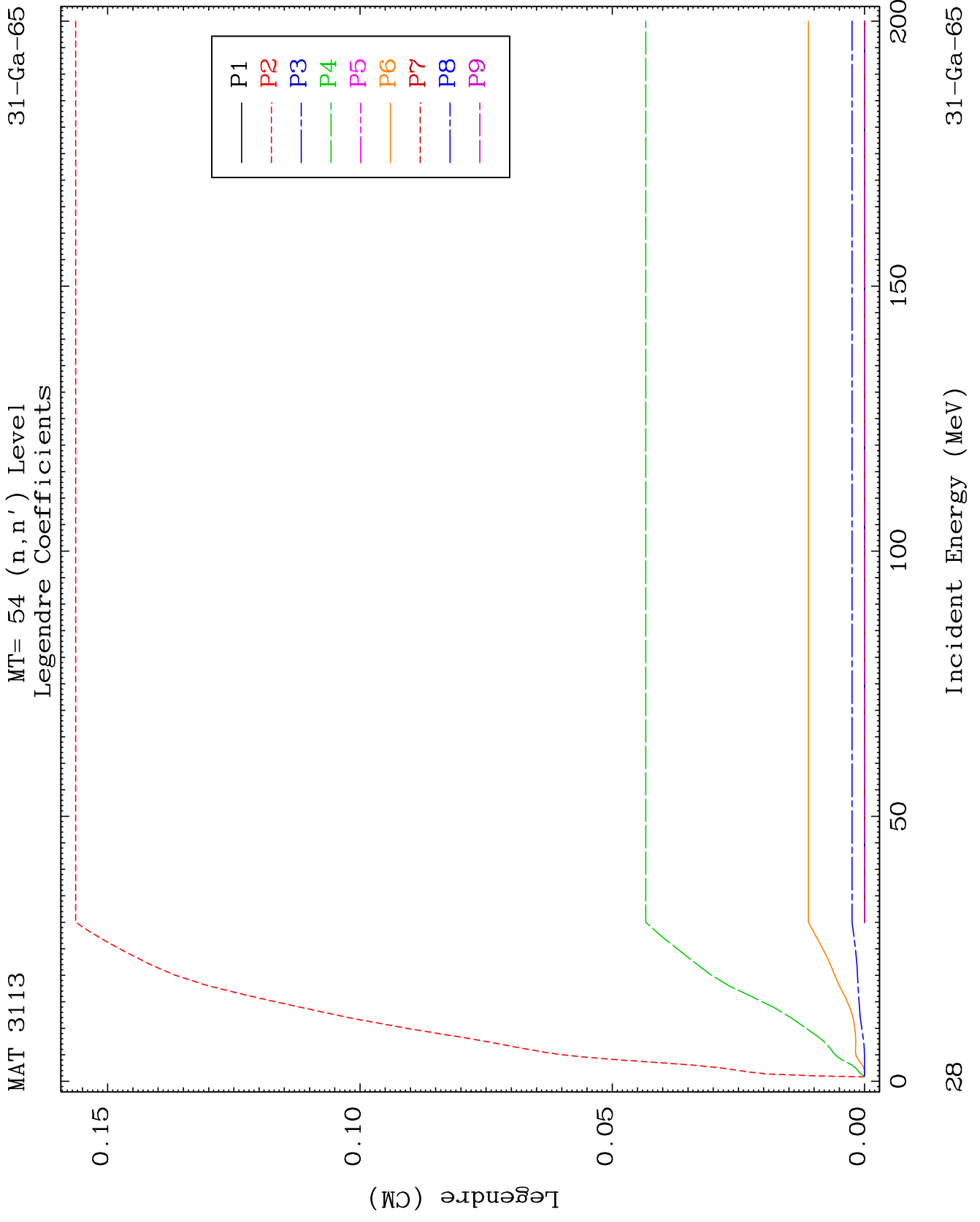
31-Ga-65



26

Incident Energy (MeV)

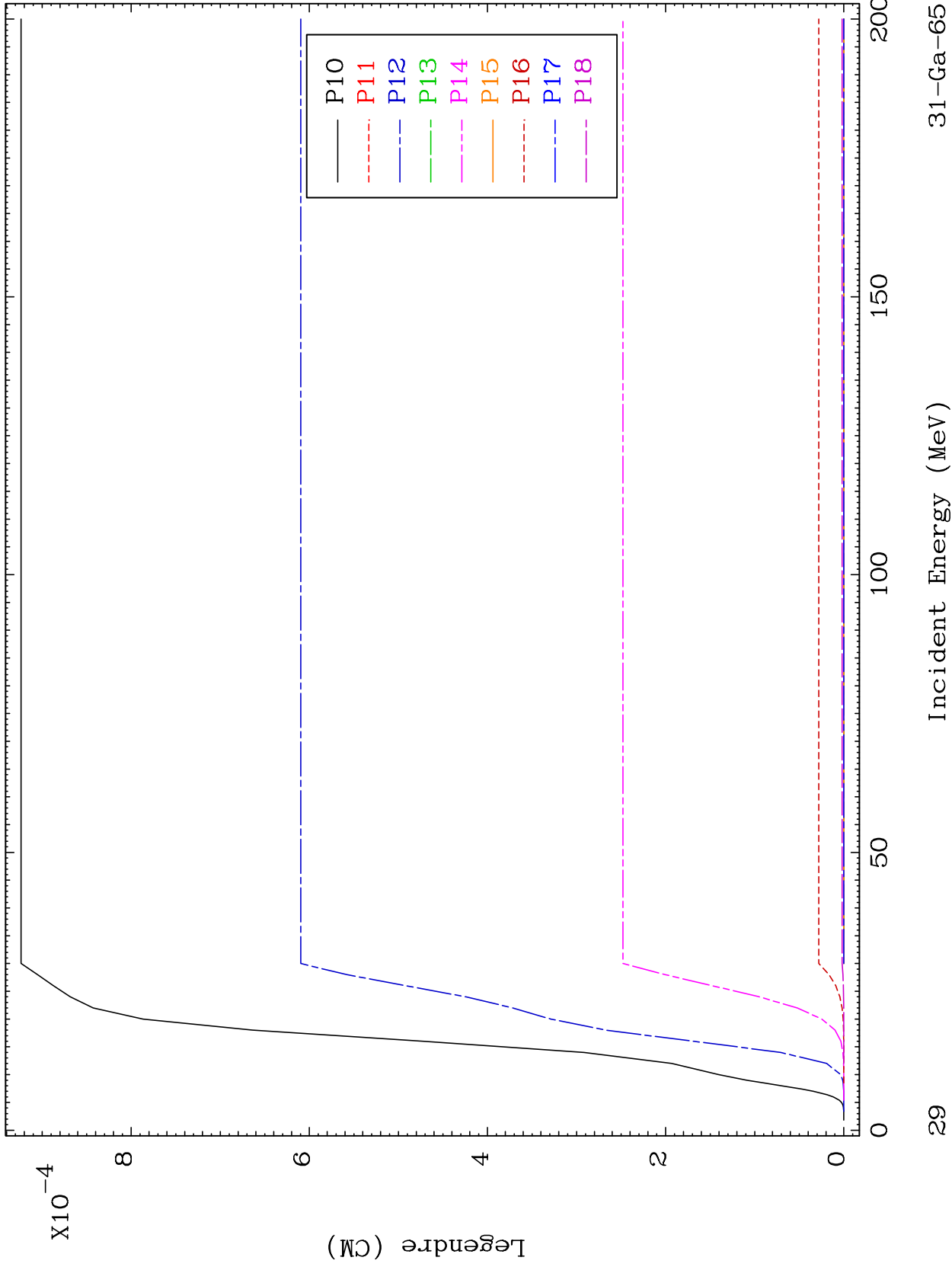
31-Ga-65



MAT 3113

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

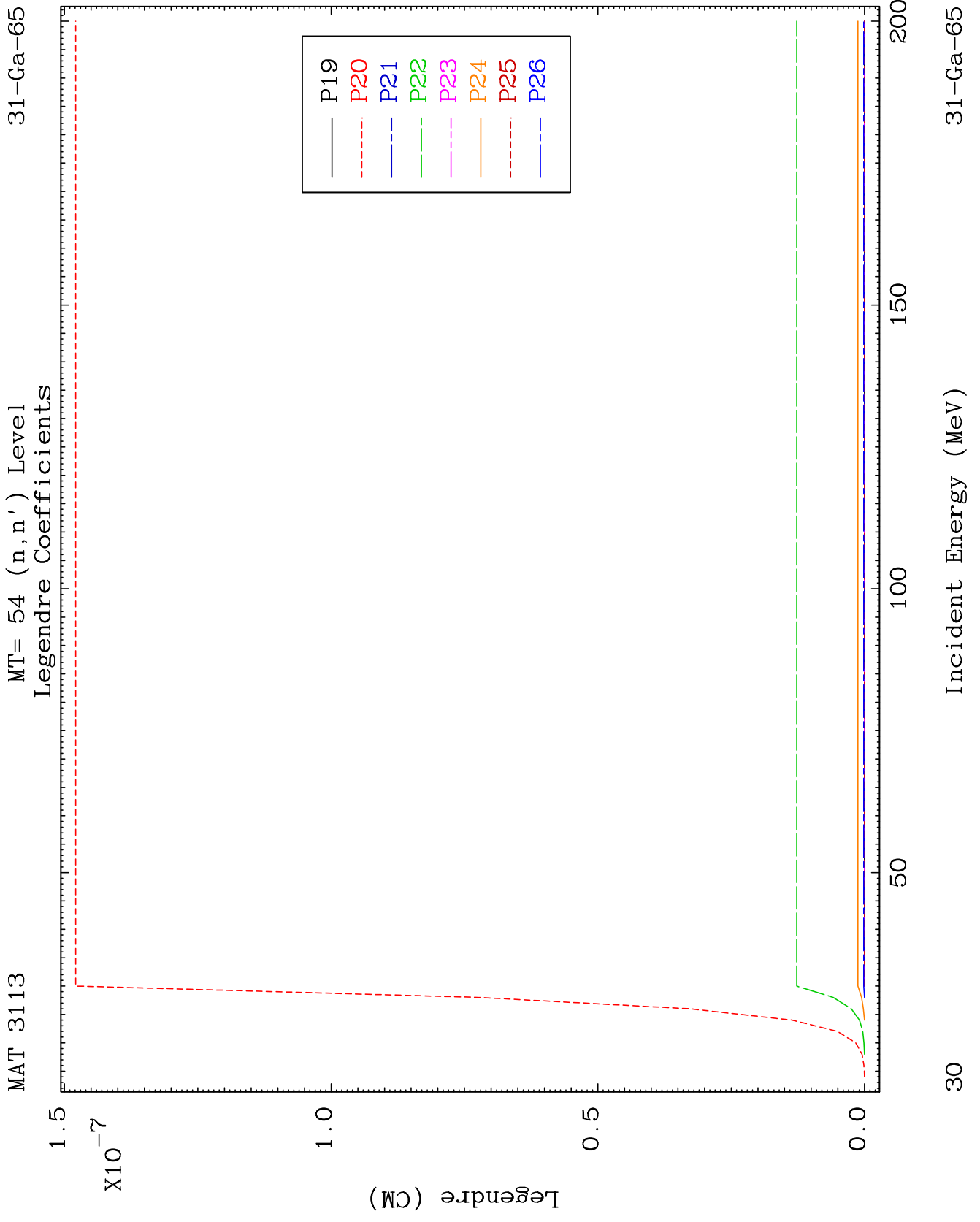
31-Ga-65



31-Ga-65

Incident Energy (MeV)

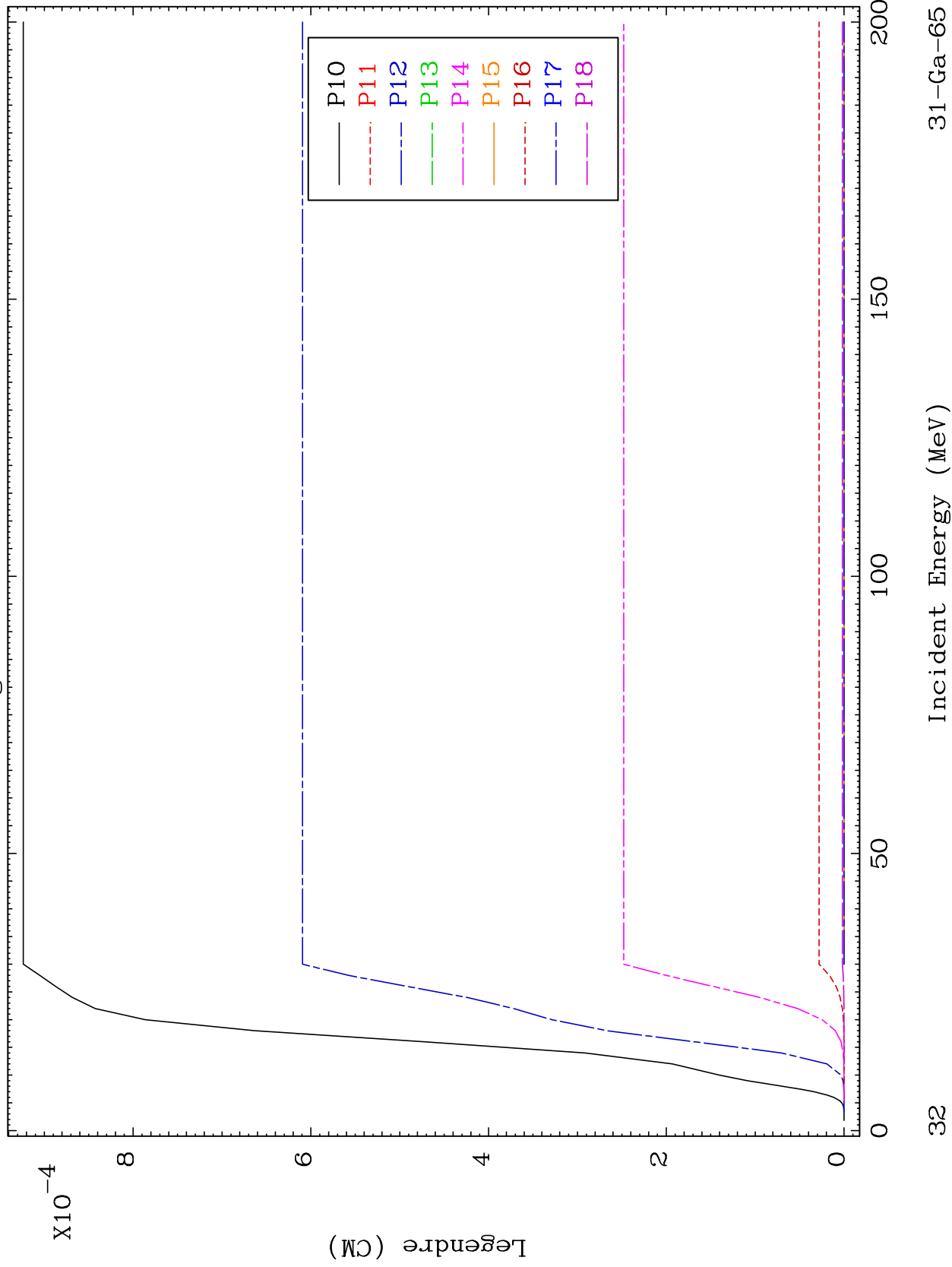
29



MAT 3113

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

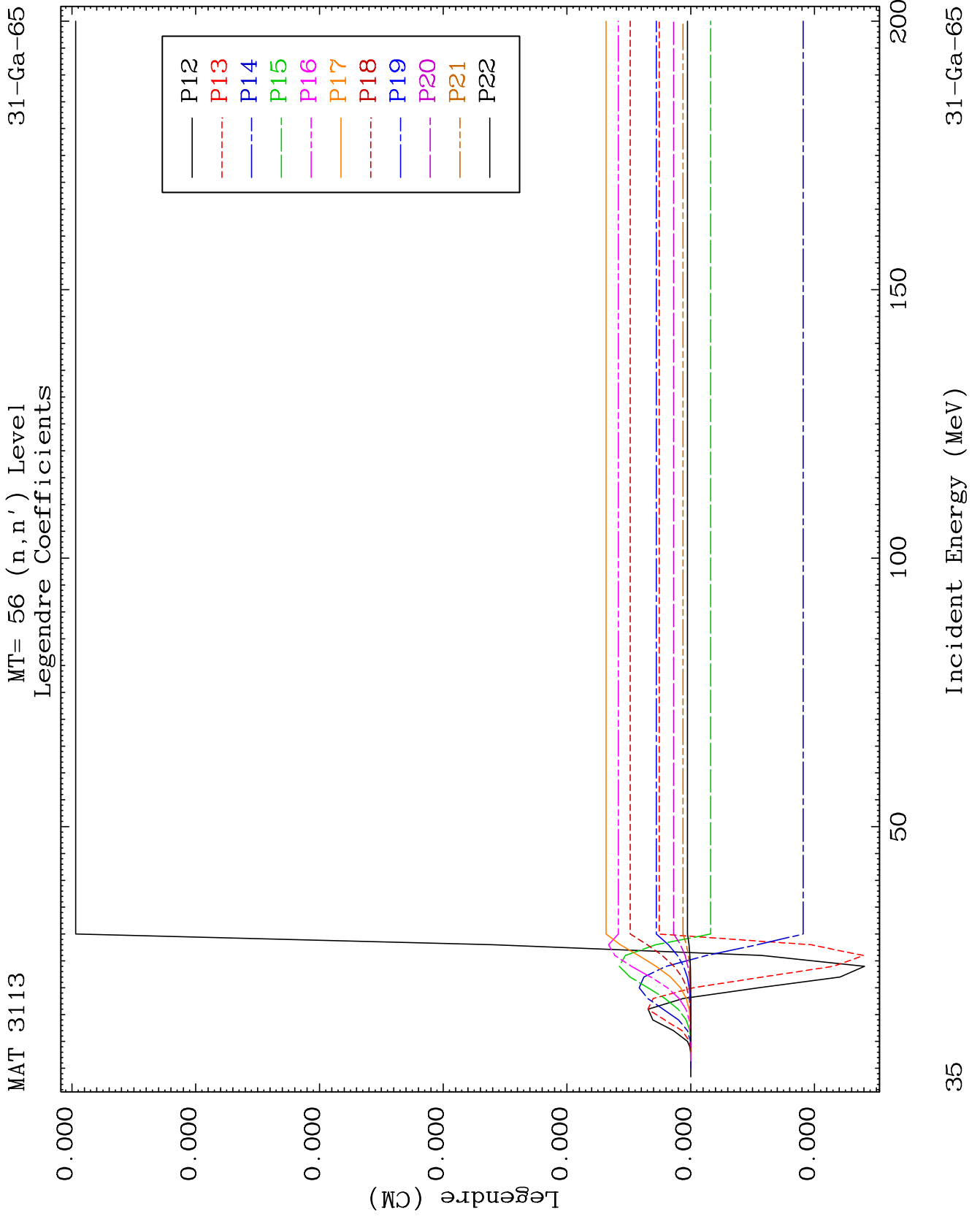
31-Ga-65



31-Ga-65

Incident Energy (MeV)

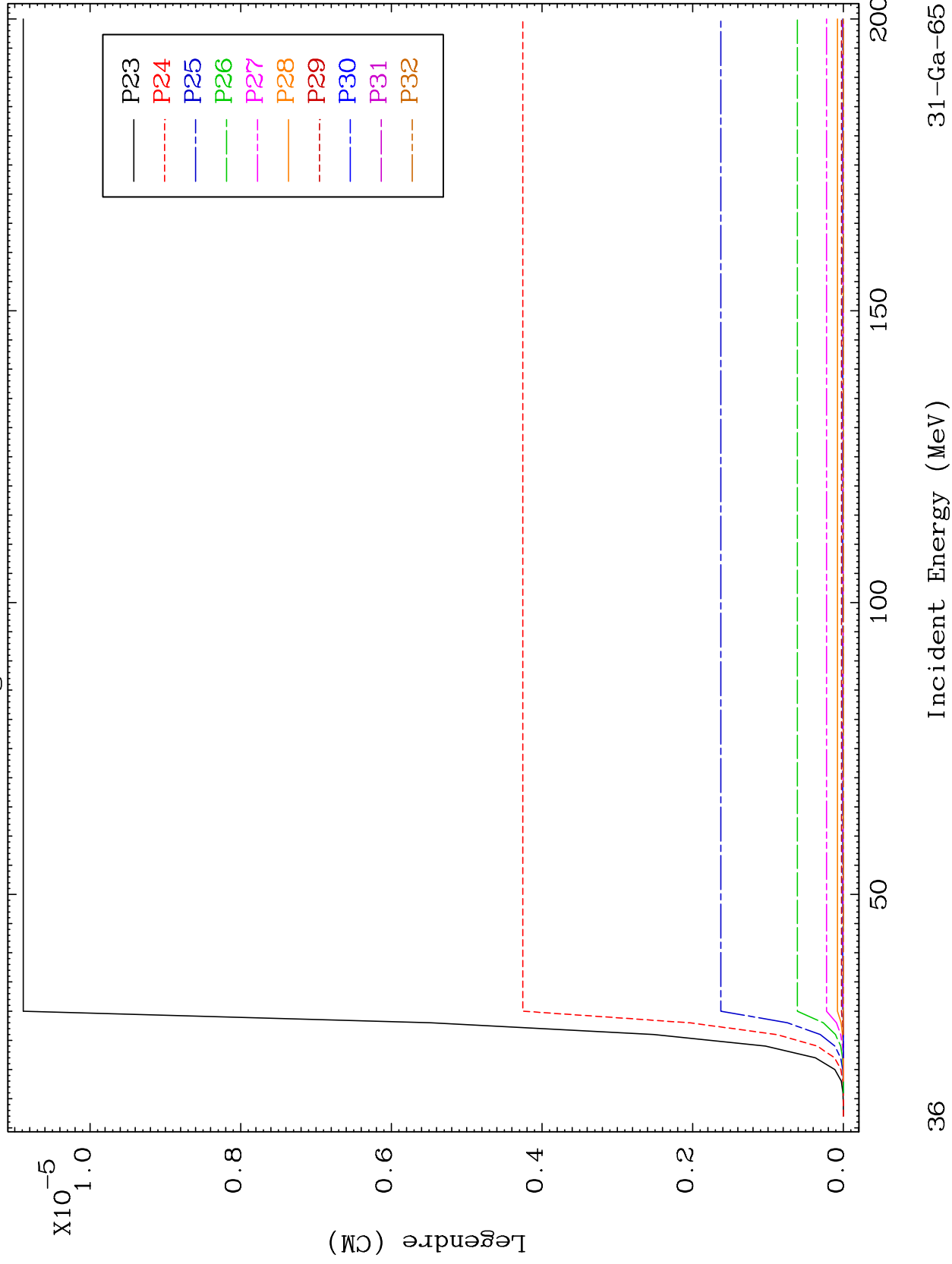
32



MAT 3113

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

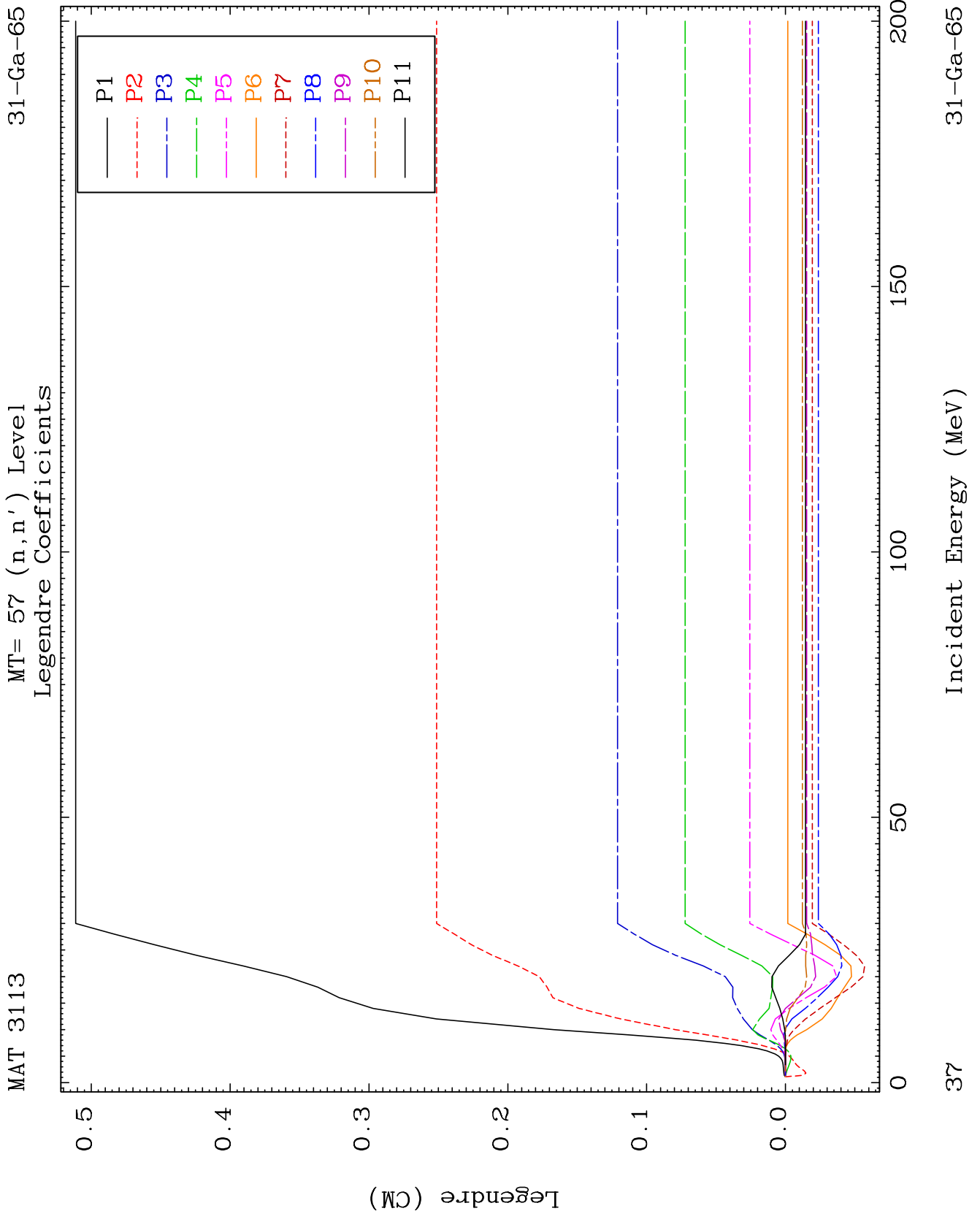
31-Ga-65



36

Incident Energy (MeV)

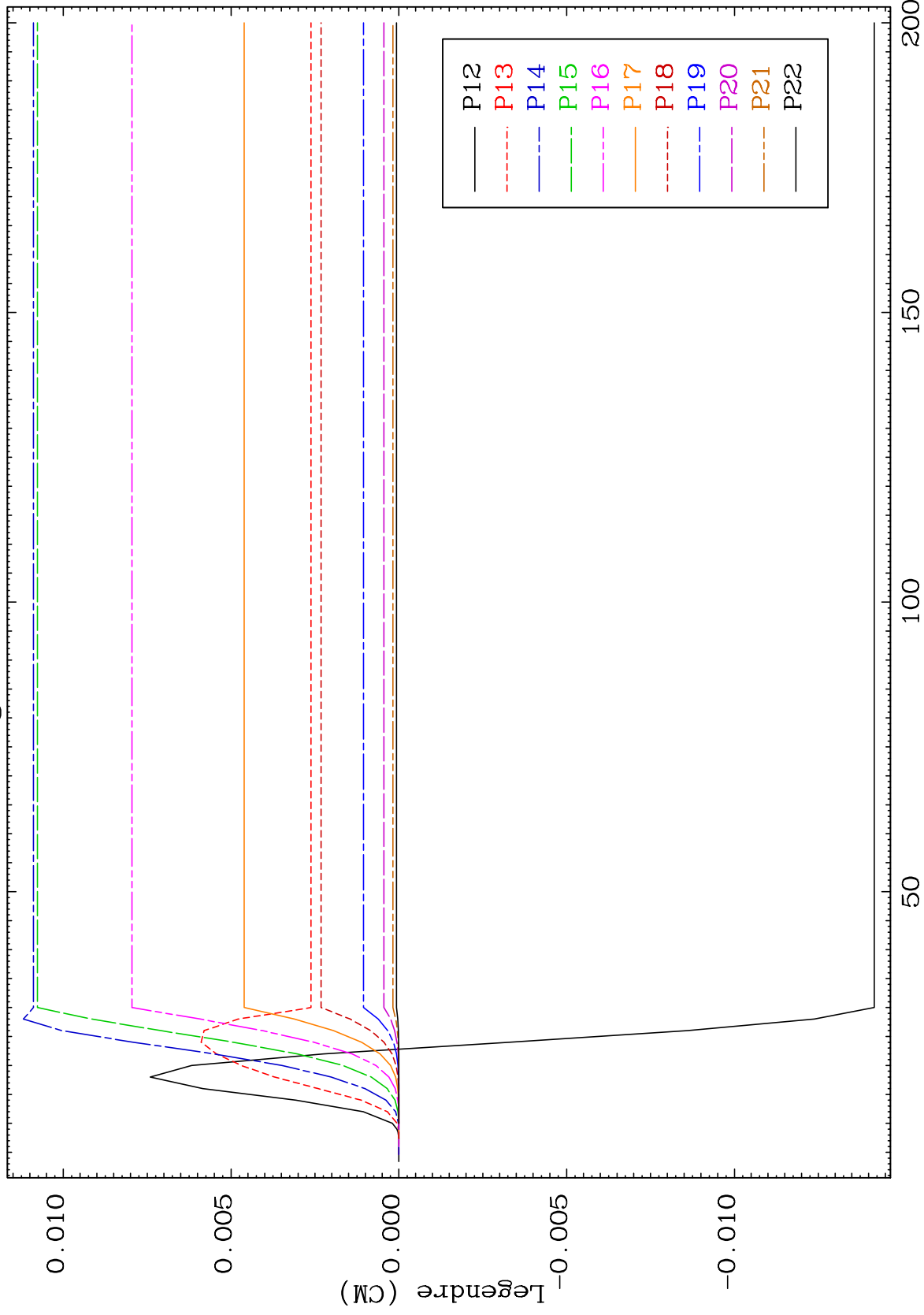
31-Ga-65



MAT 3113

31-Ga-65

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



38

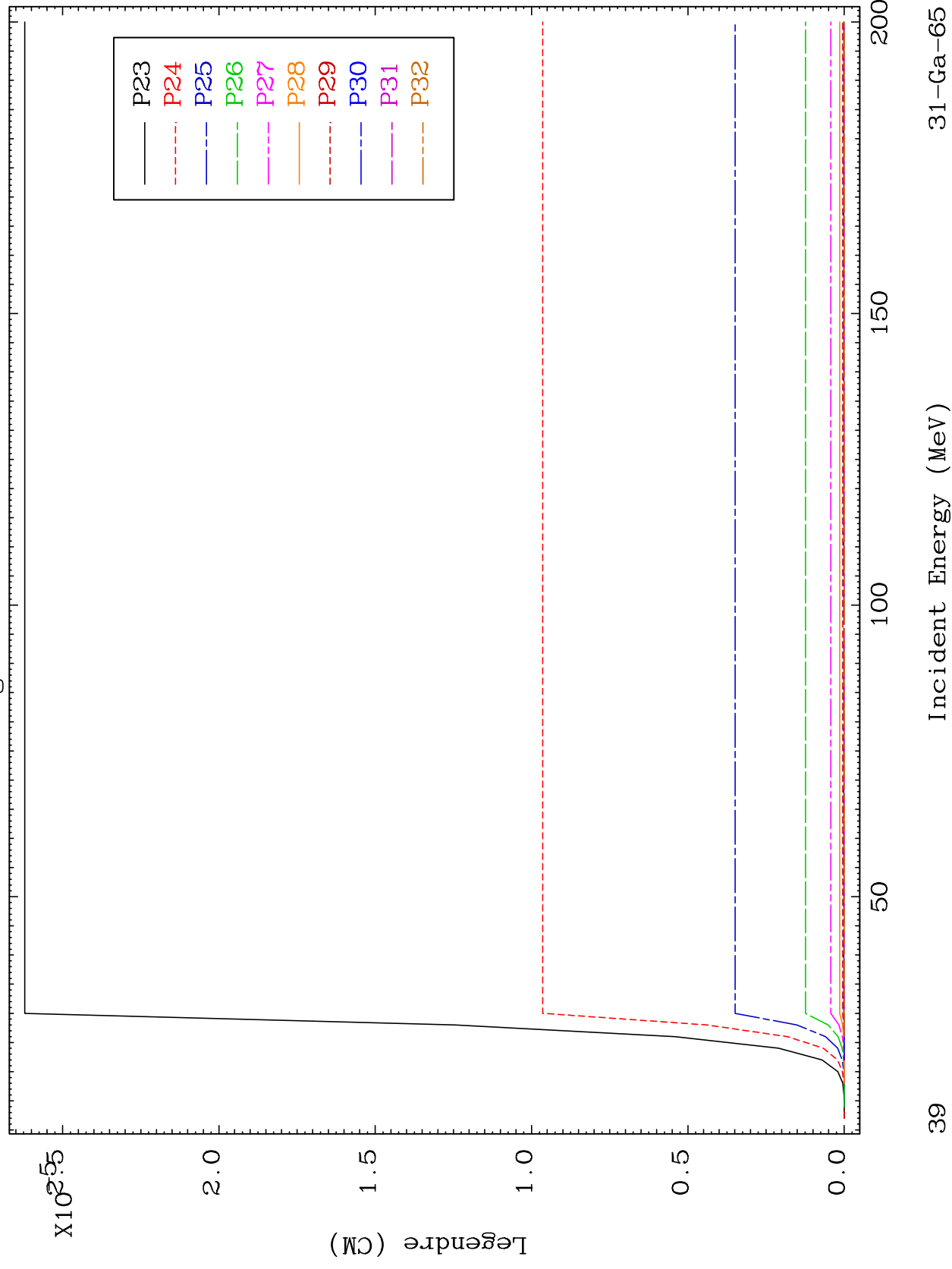
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

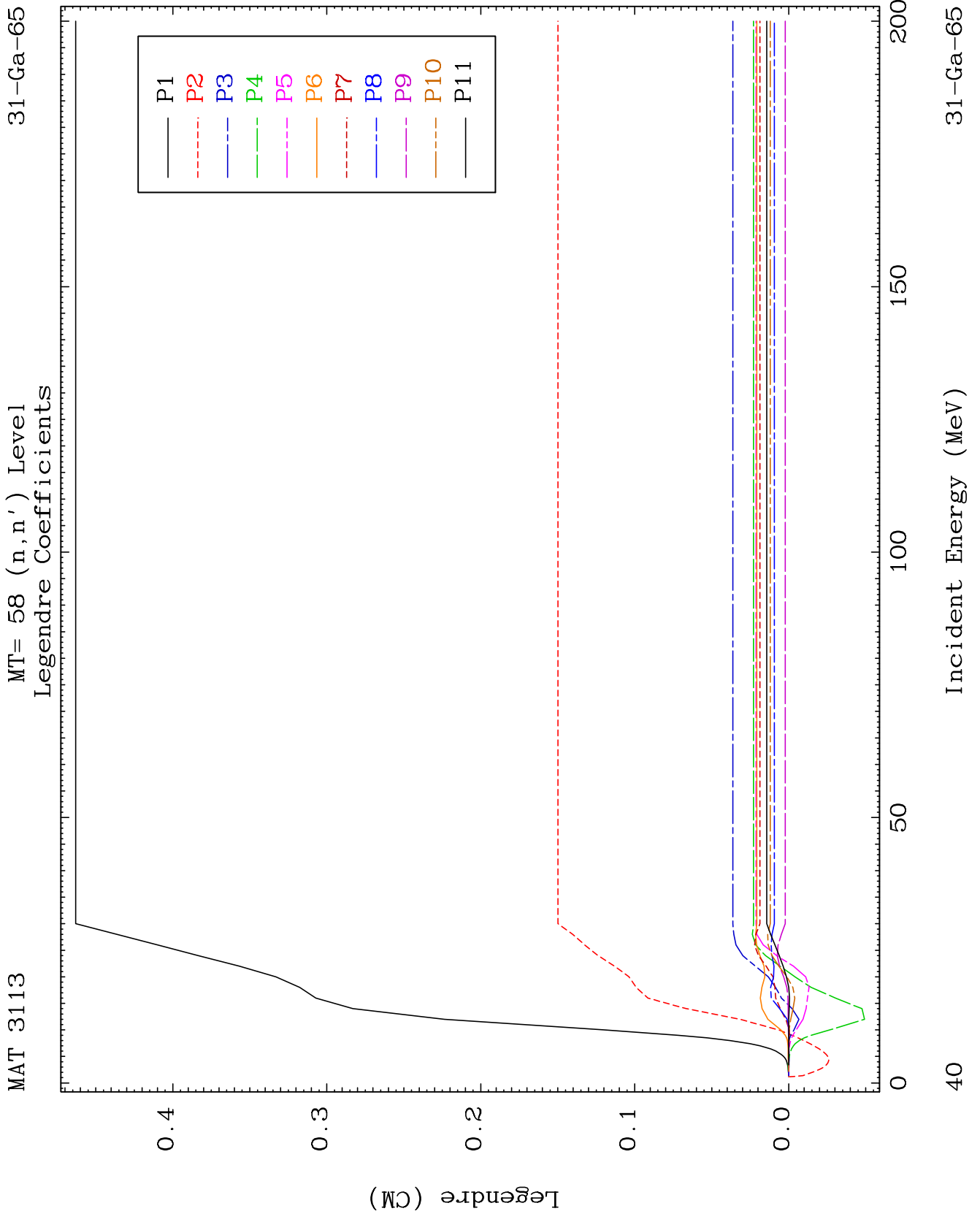
31-Ga-65

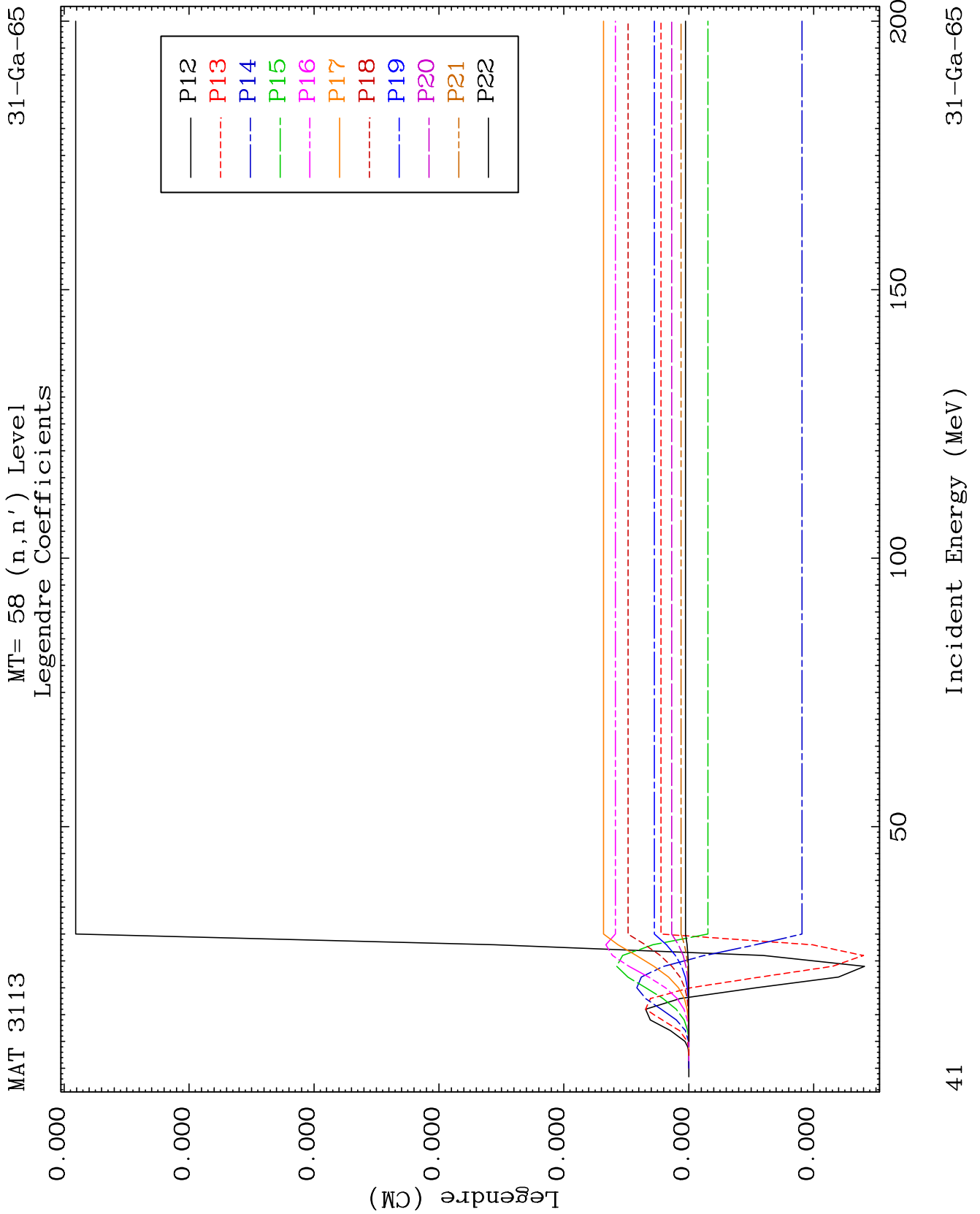


39

Incident Energy (MeV)

31-Ga-65

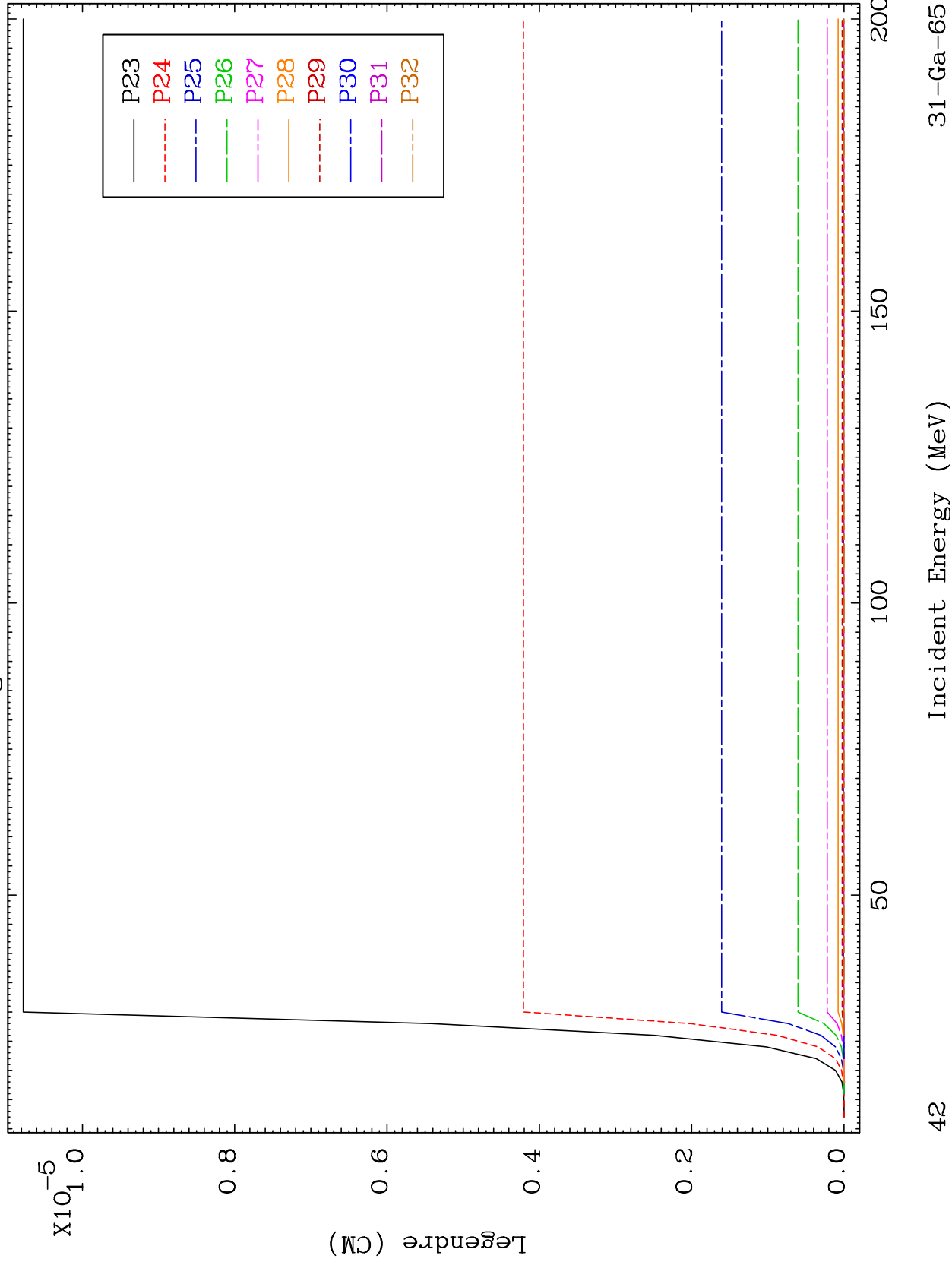




MAT 3113

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

31-Ga-65



42

Incident Energy (MeV)

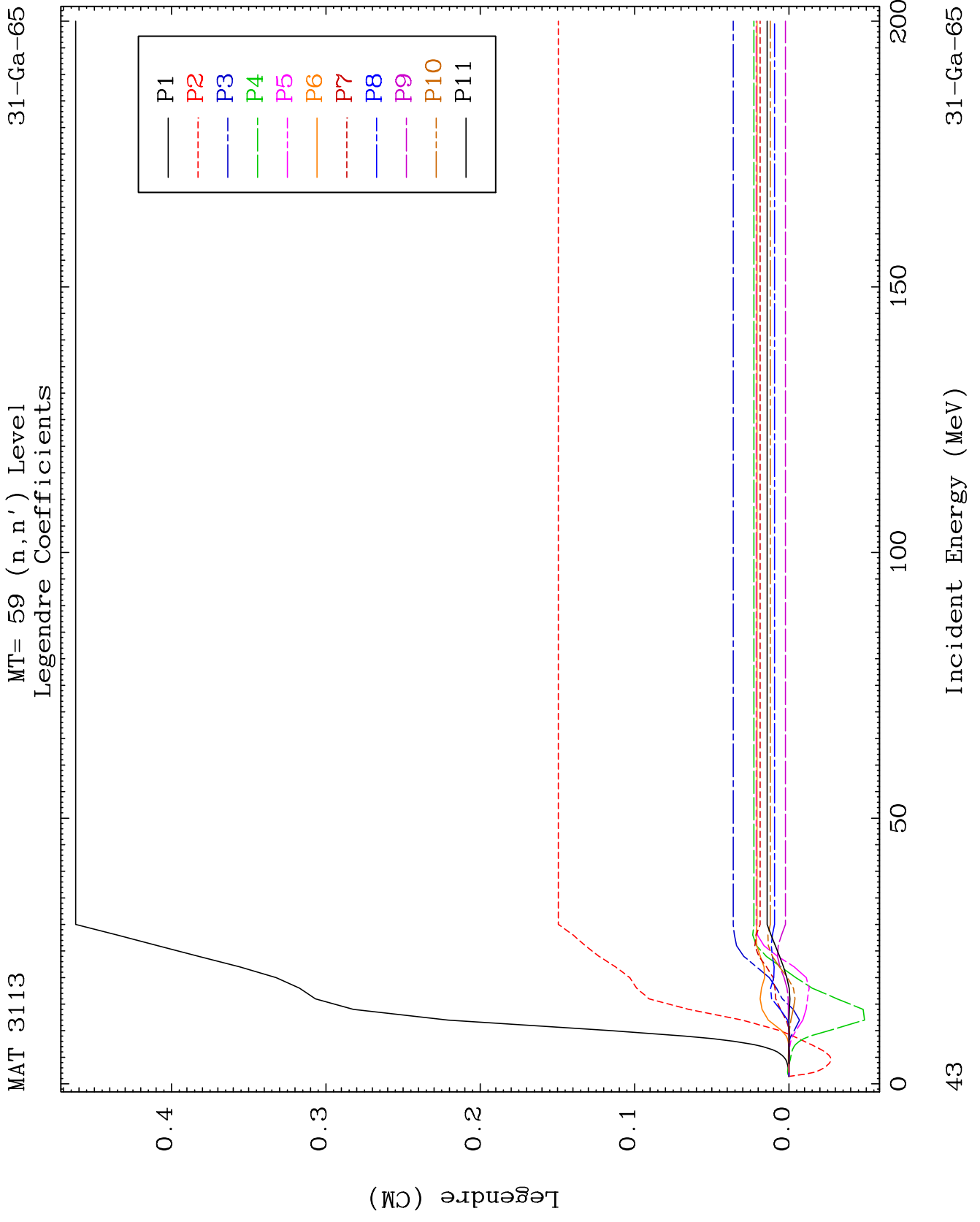
31-Ga-65

200

150

100

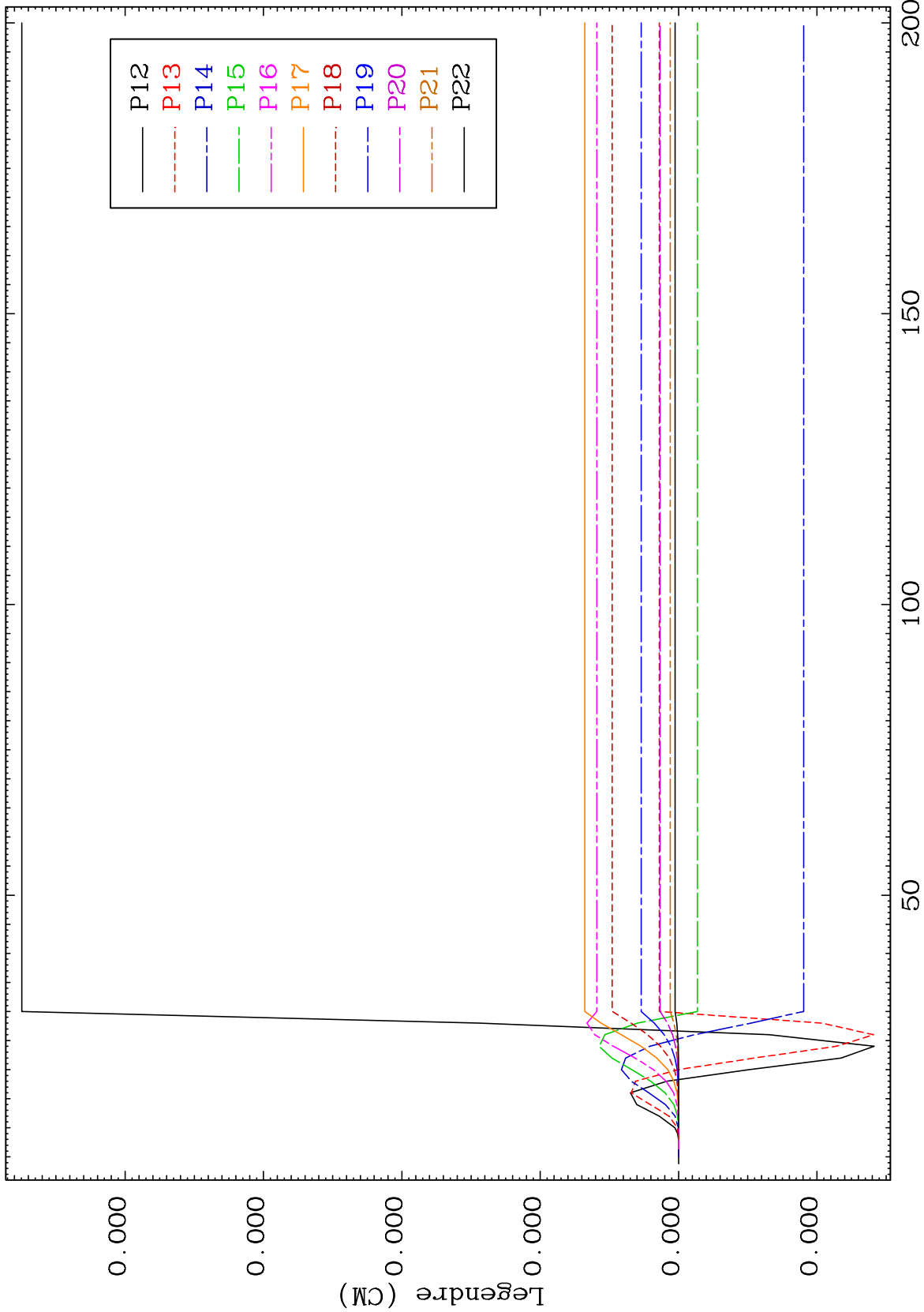
50



MAT 3113

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

31-Ga-65



44

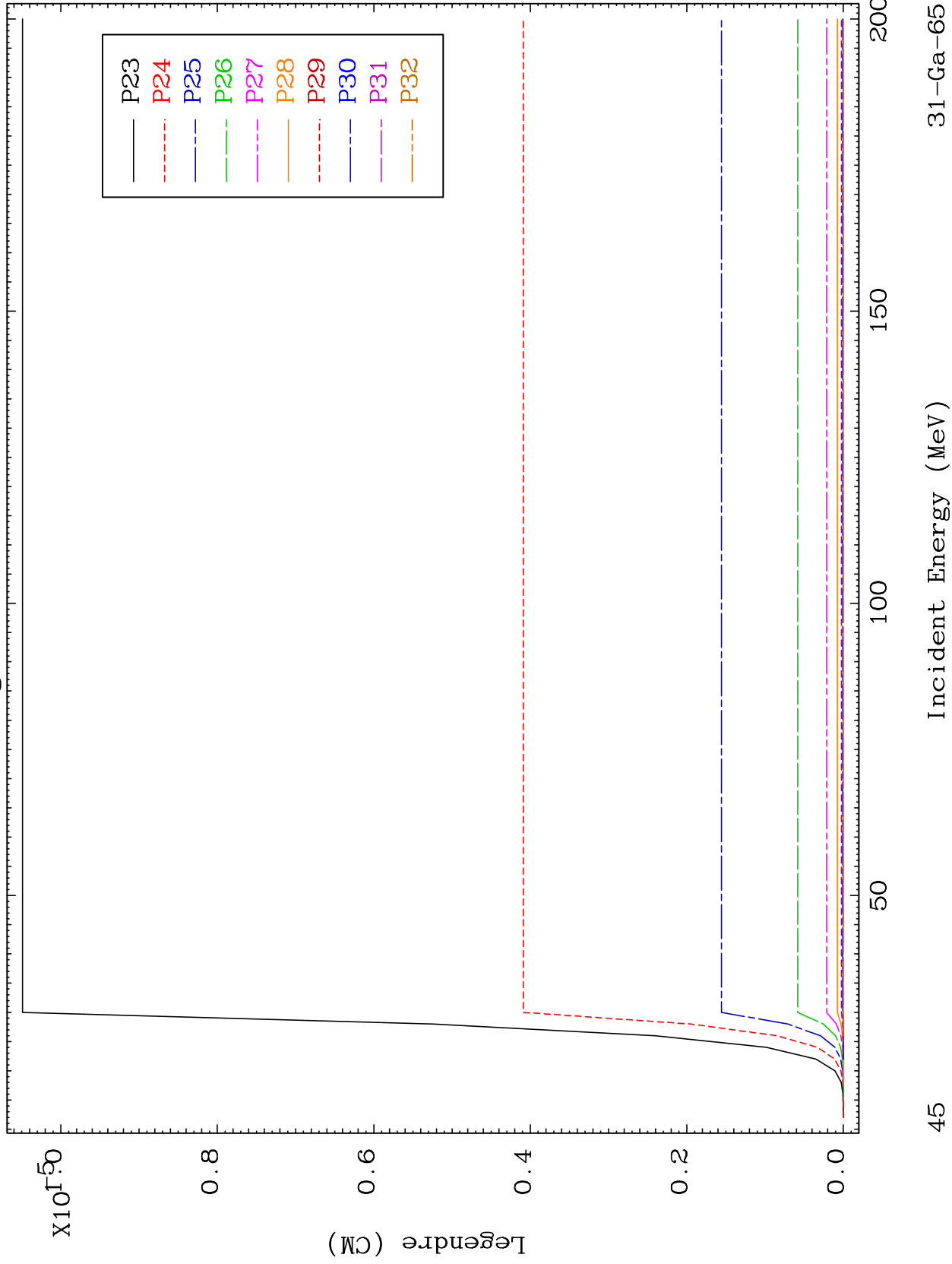
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

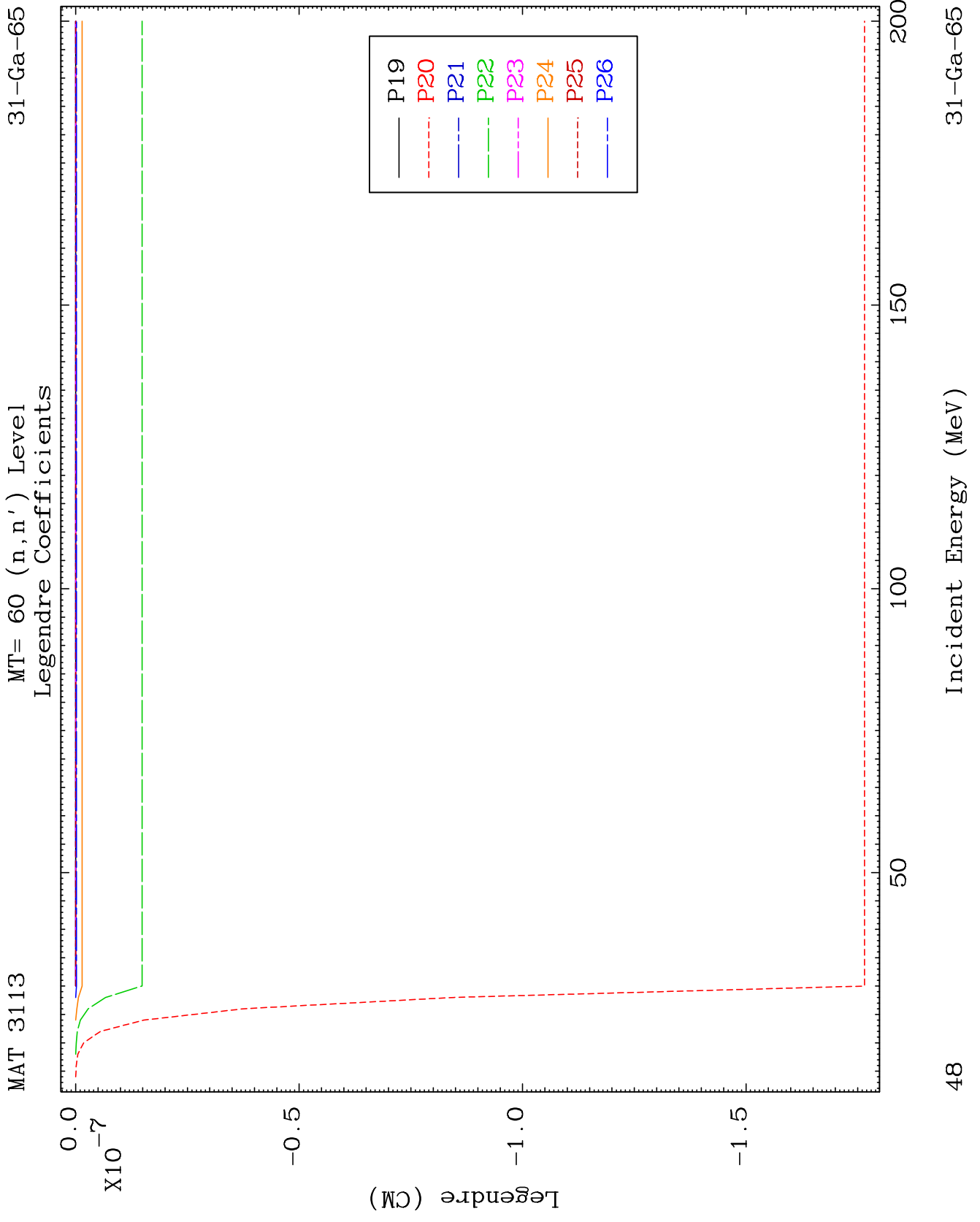
31-Ga-65

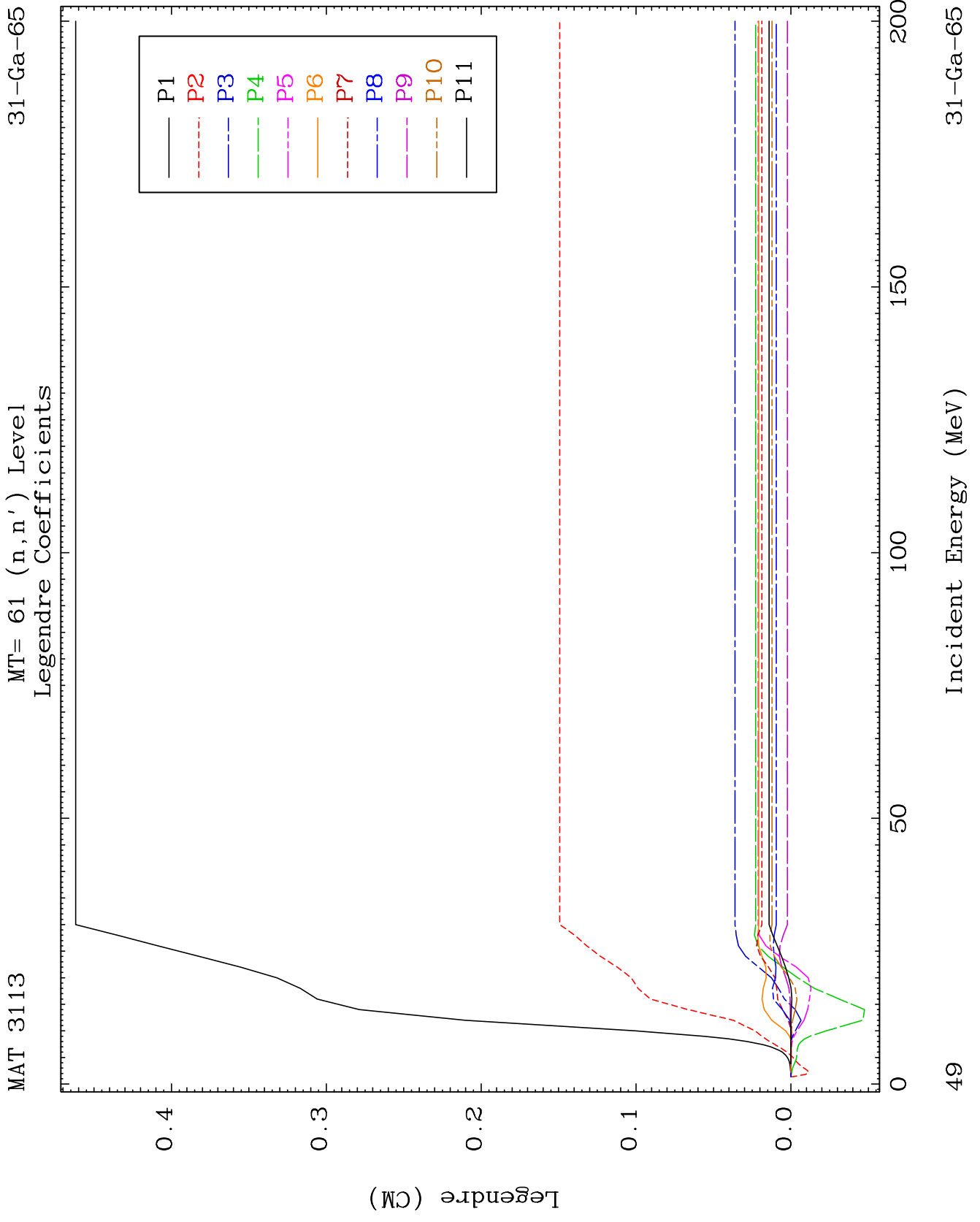


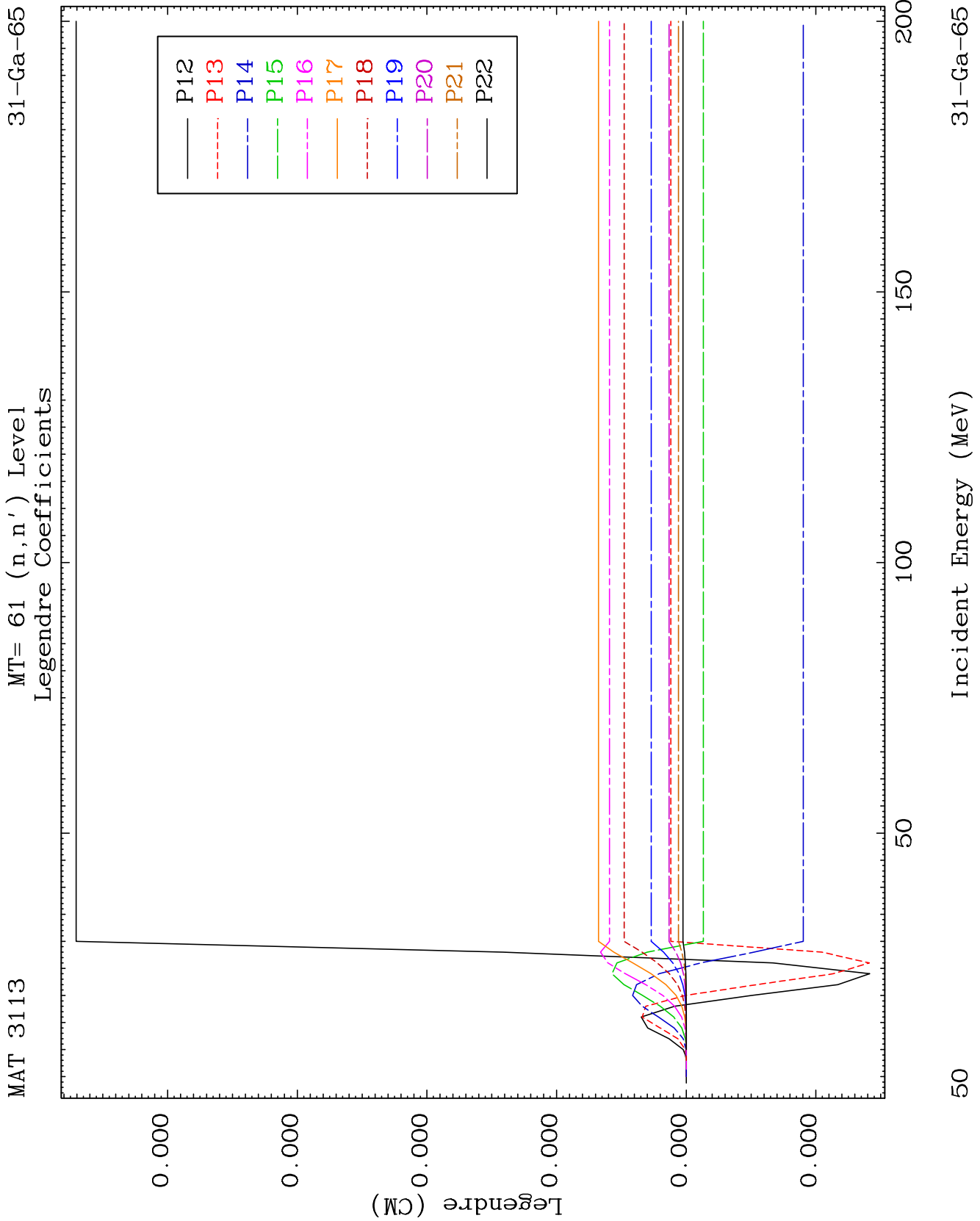
45

Incident Energy (MeV)

31-Ga-65



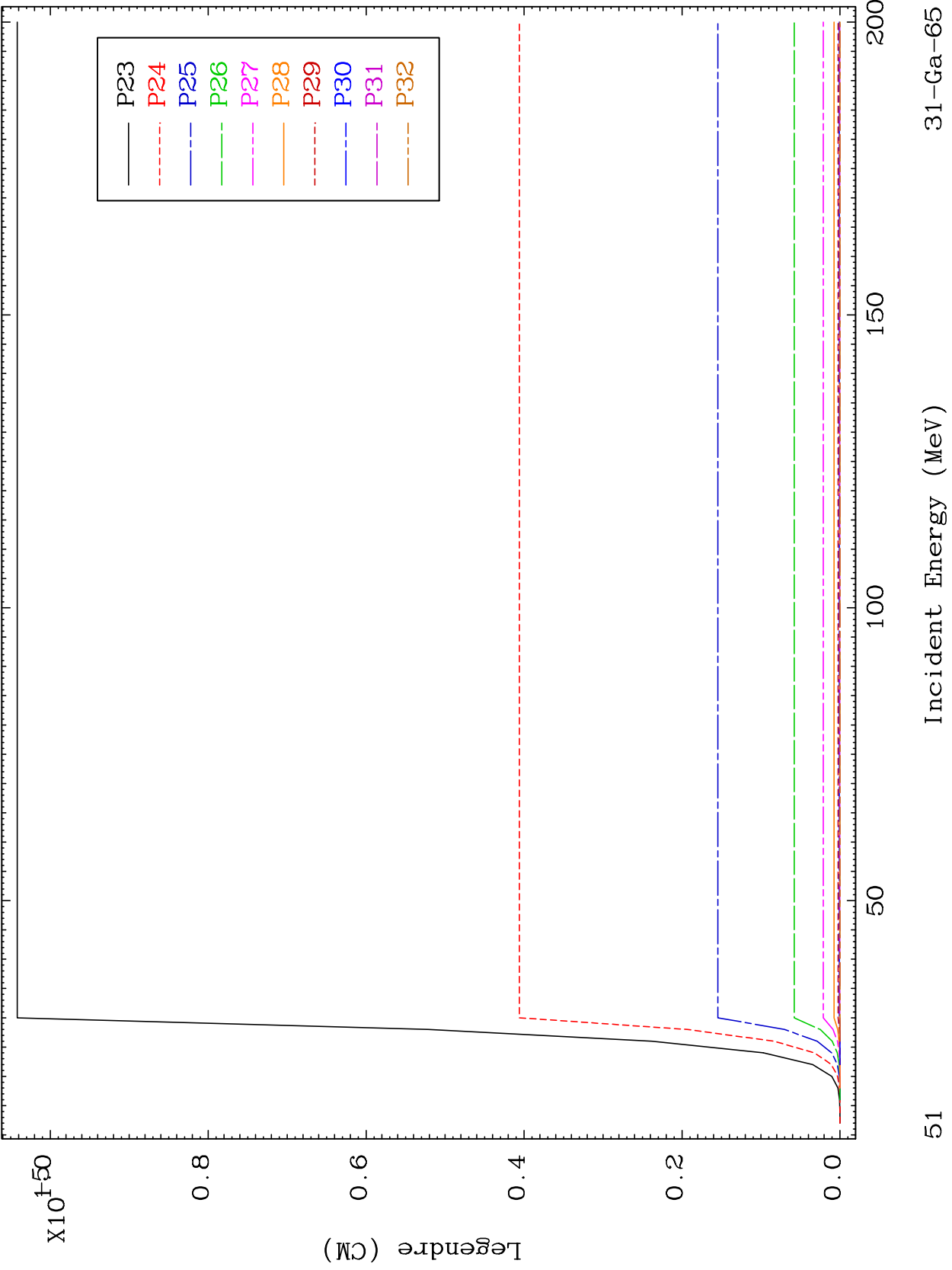




MAT 3113

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

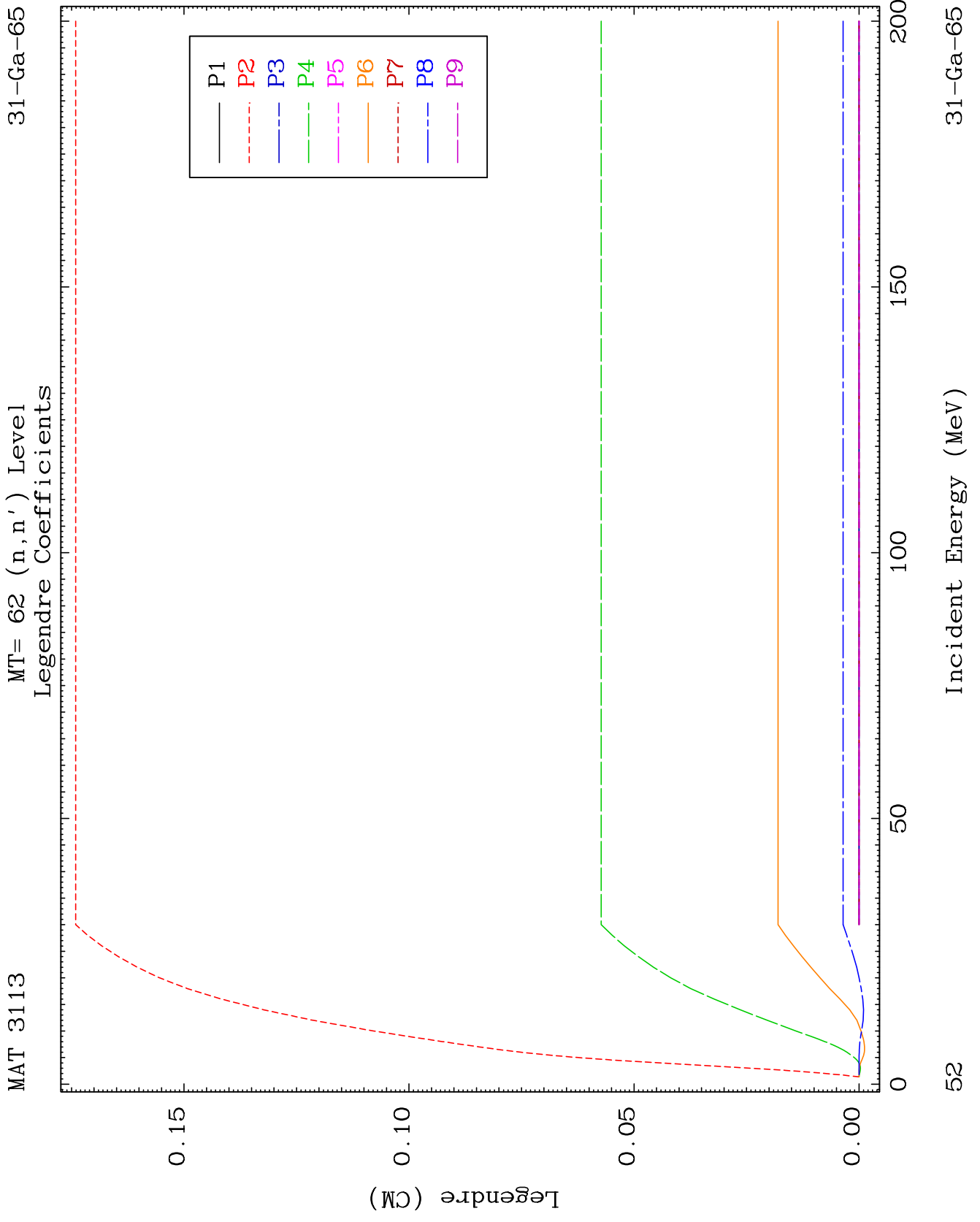
31-Ga-65



51

Incident Energy (MeV)

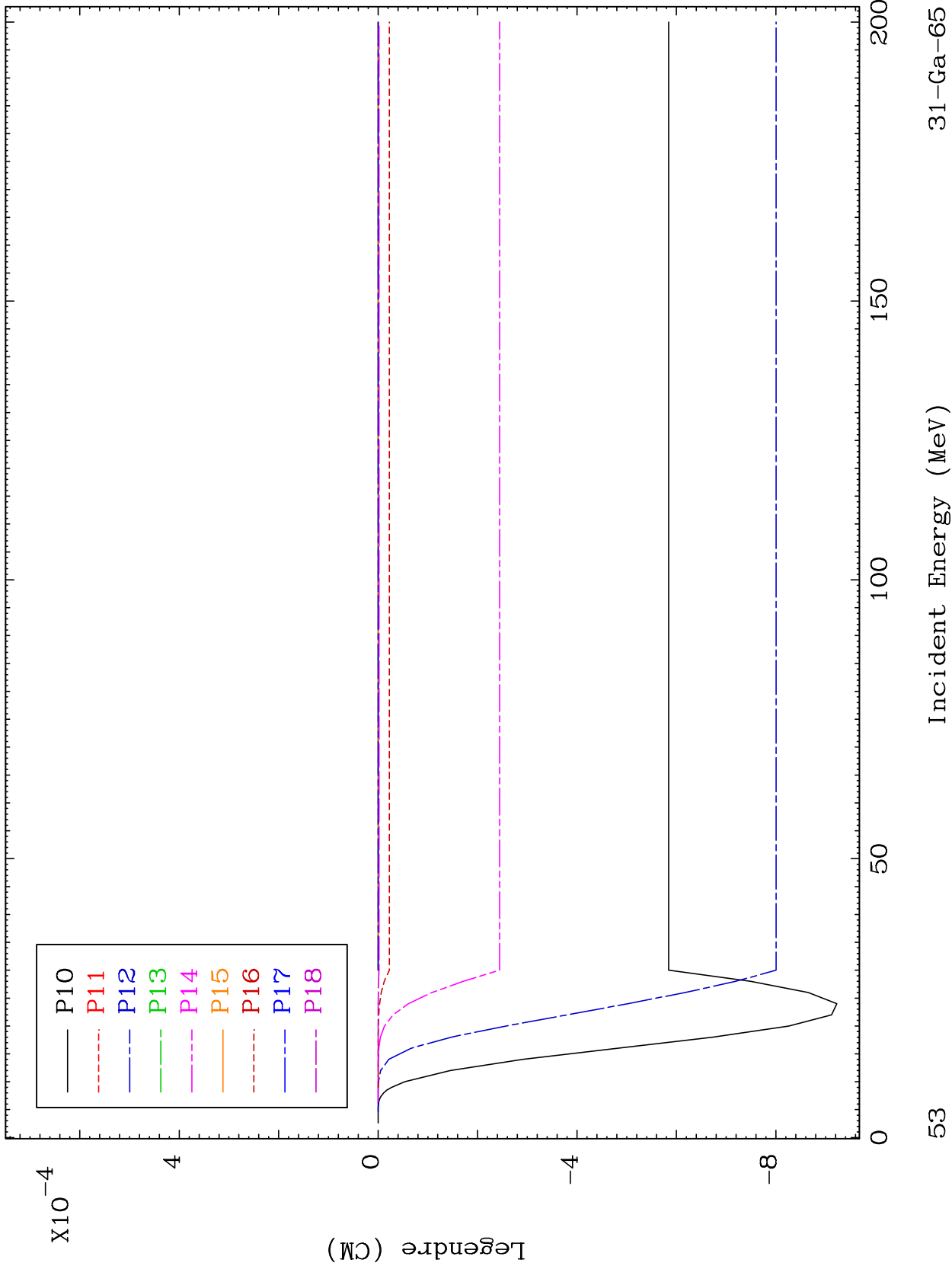
31-Ga-65



MAT 3113

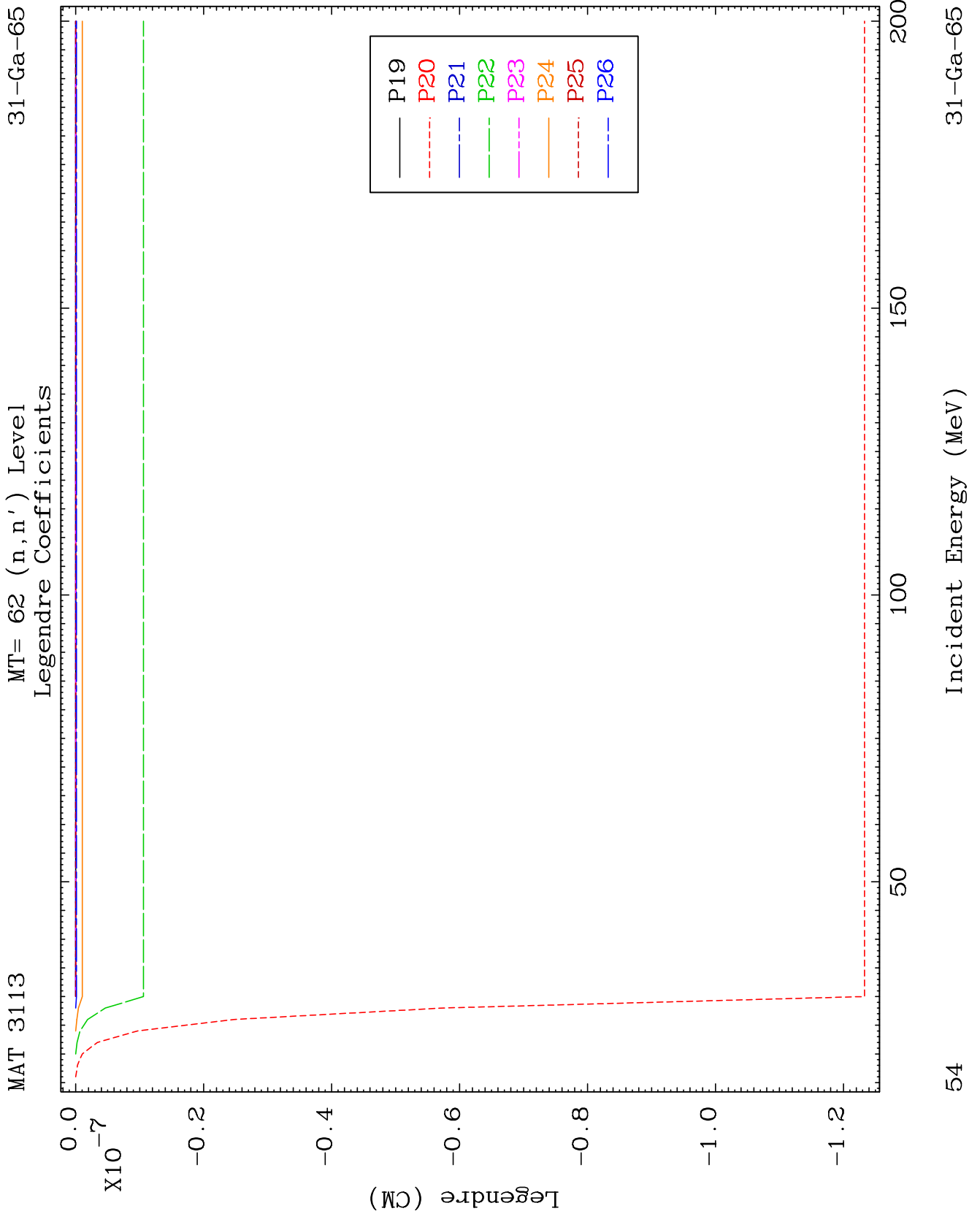
31-Ga-65

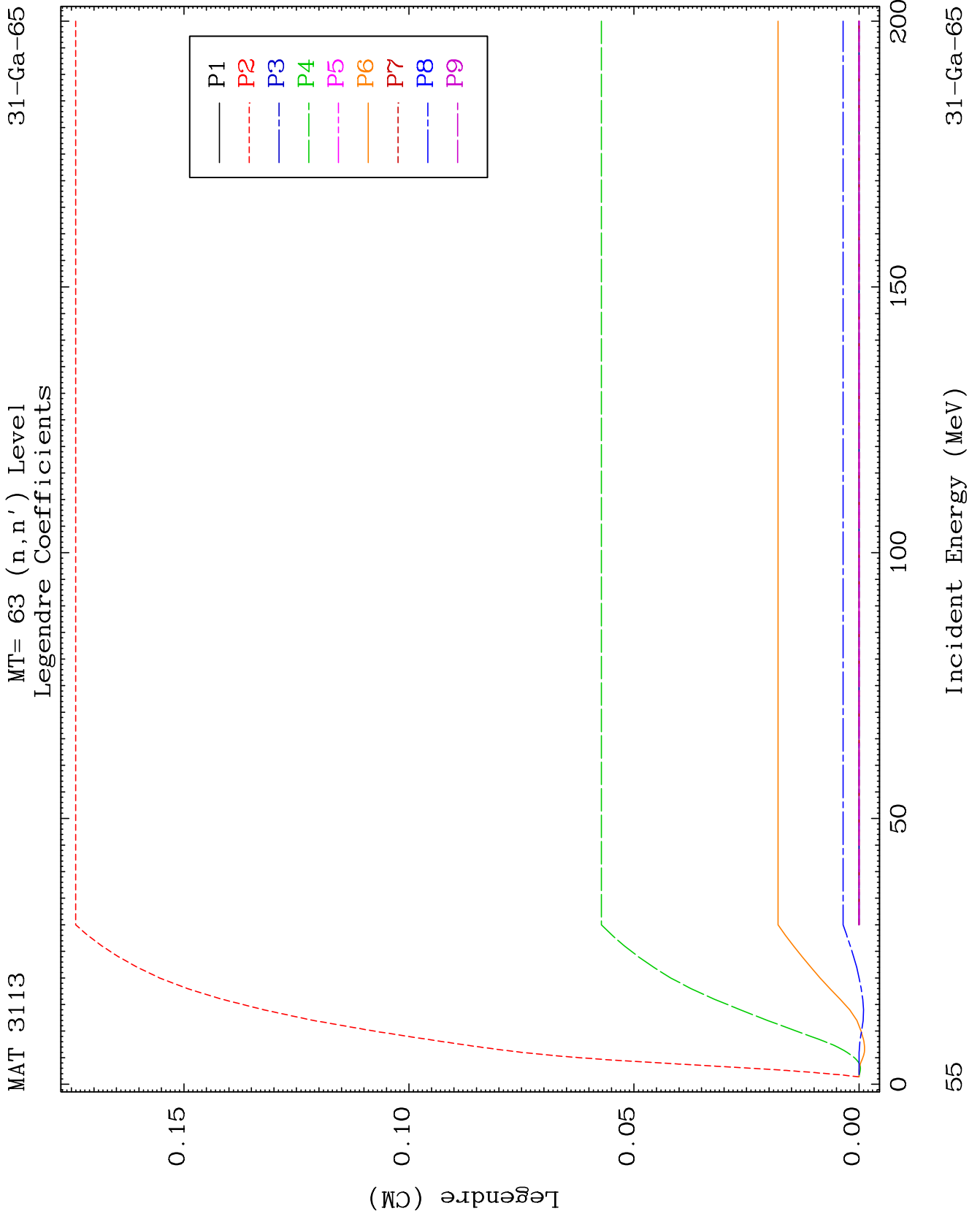
MT= 62 (n,n') Level
Legendre Coefficients



53

31-Ga-65

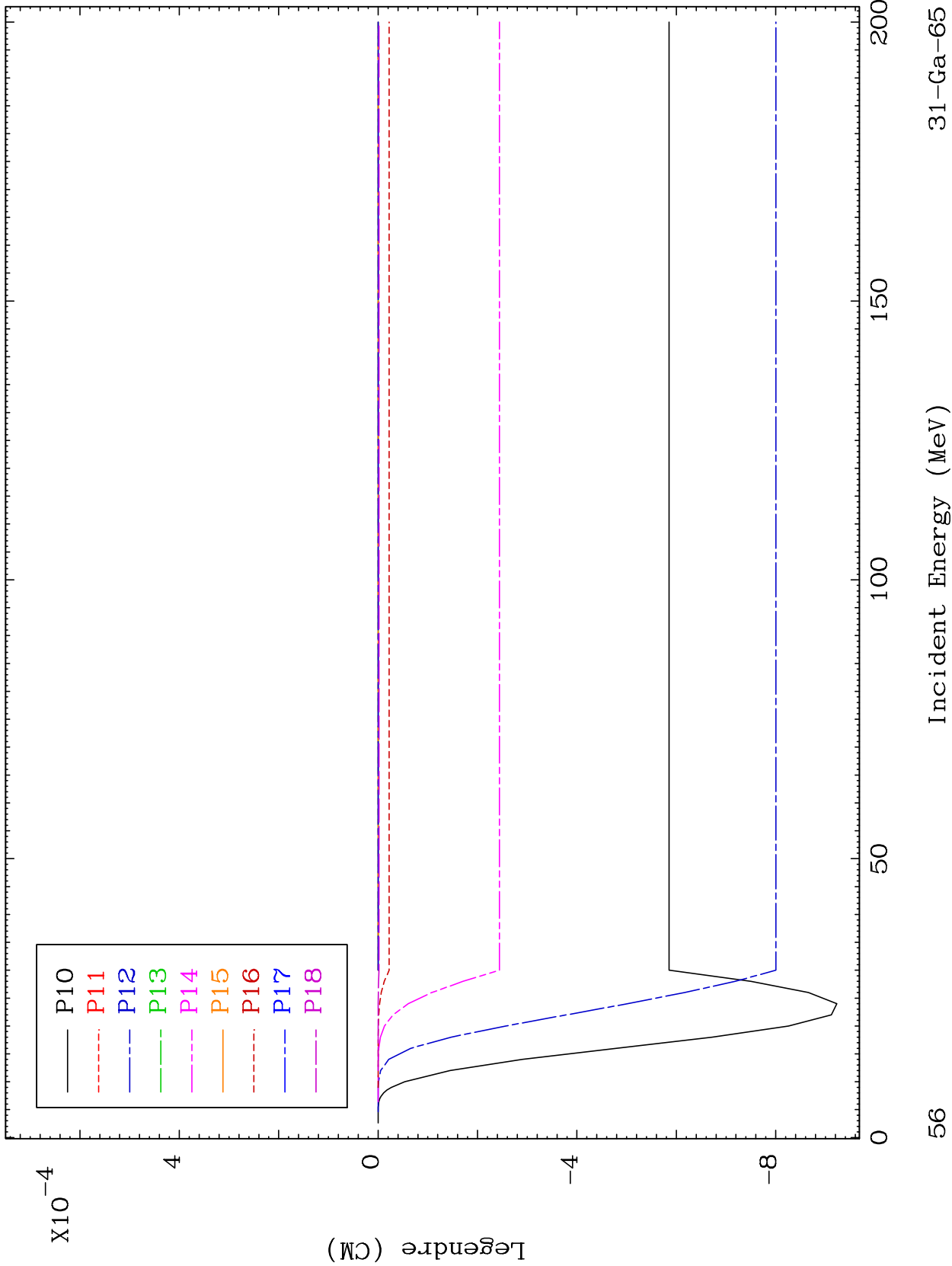




MAT 3113

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

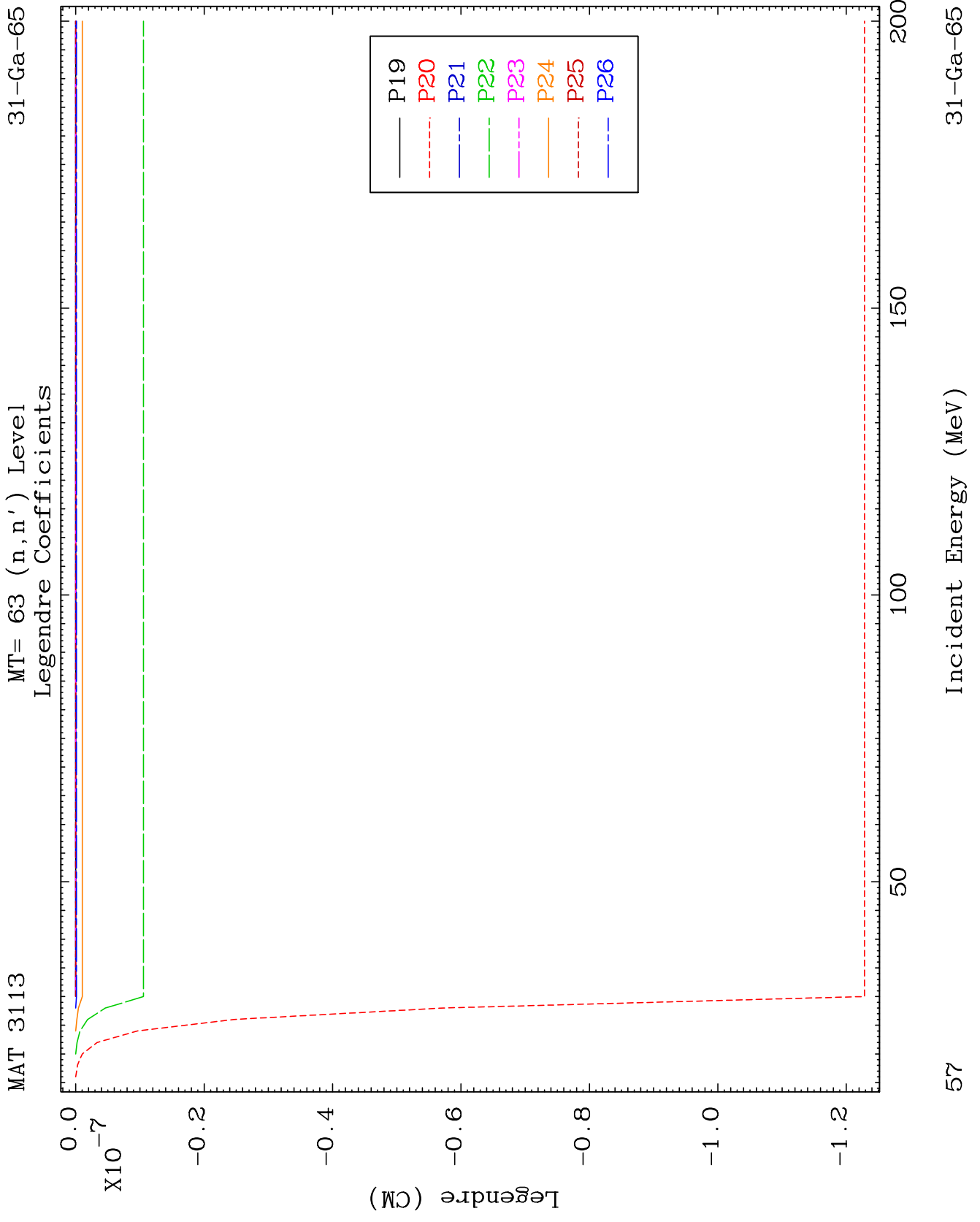
31-Ga-65



56

Incident Energy (MeV)

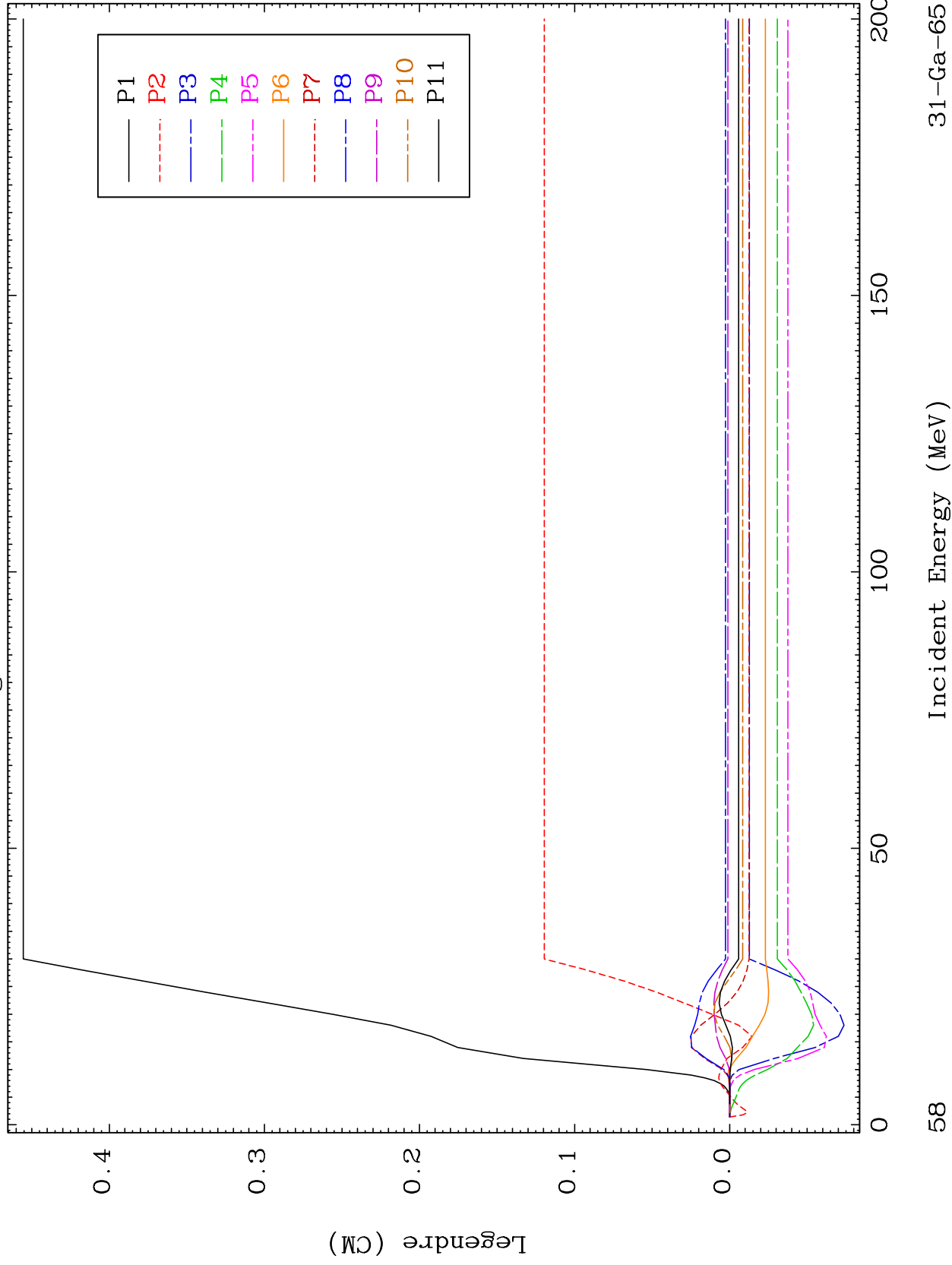
31-Ga-65

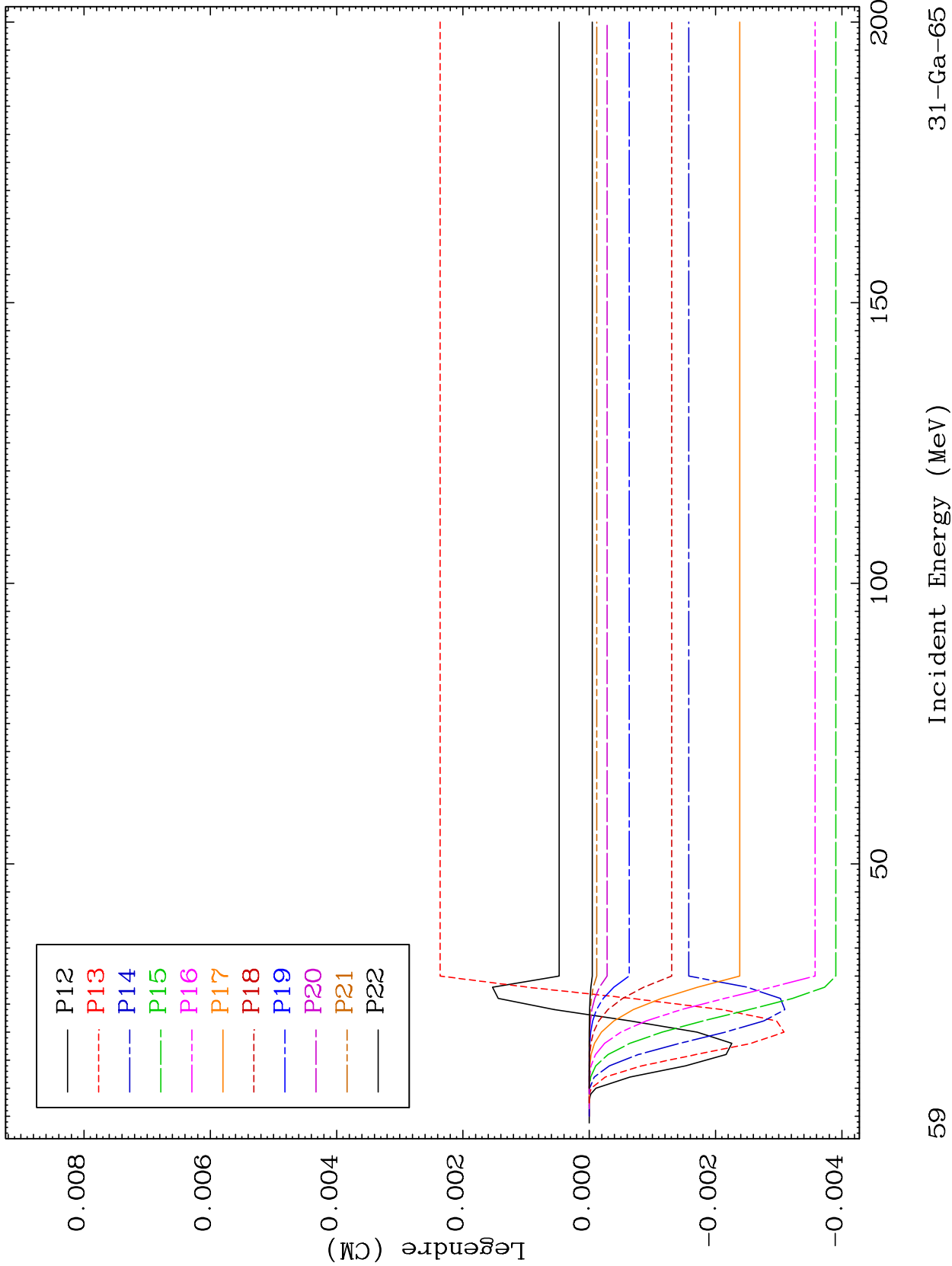


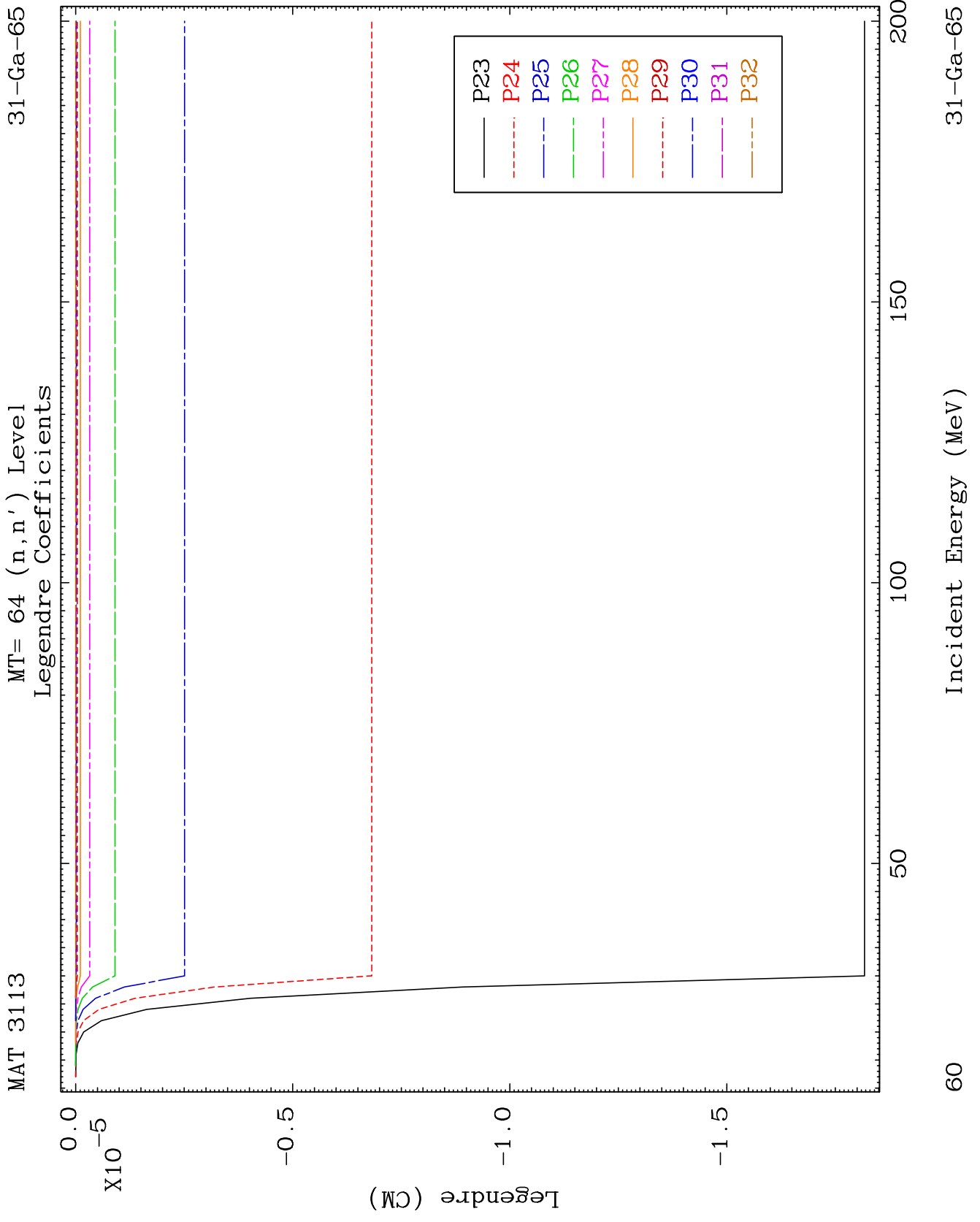
MAT 3113

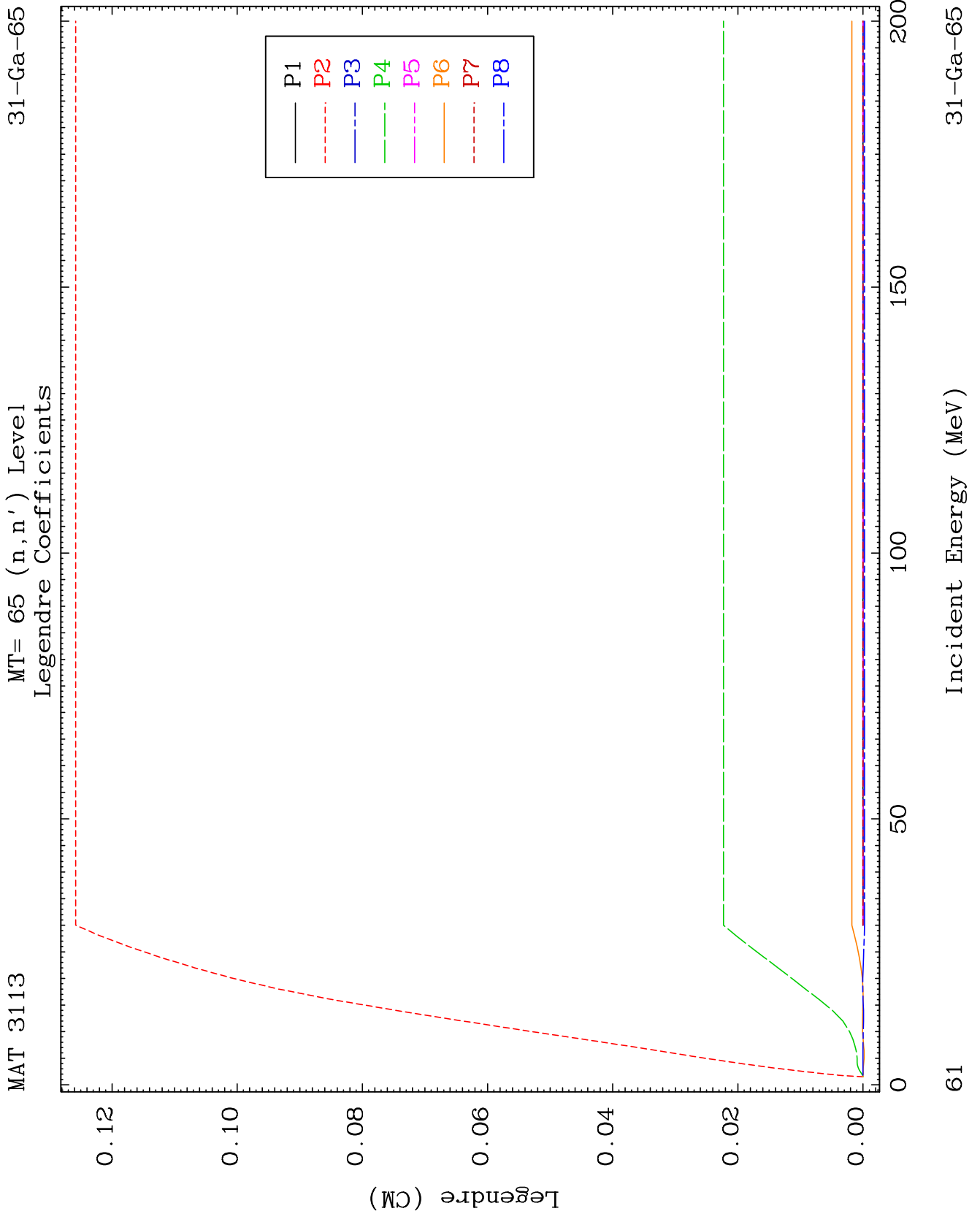
MT= 64 (n,n') Level
Legendre Coefficients

31-Ga-65





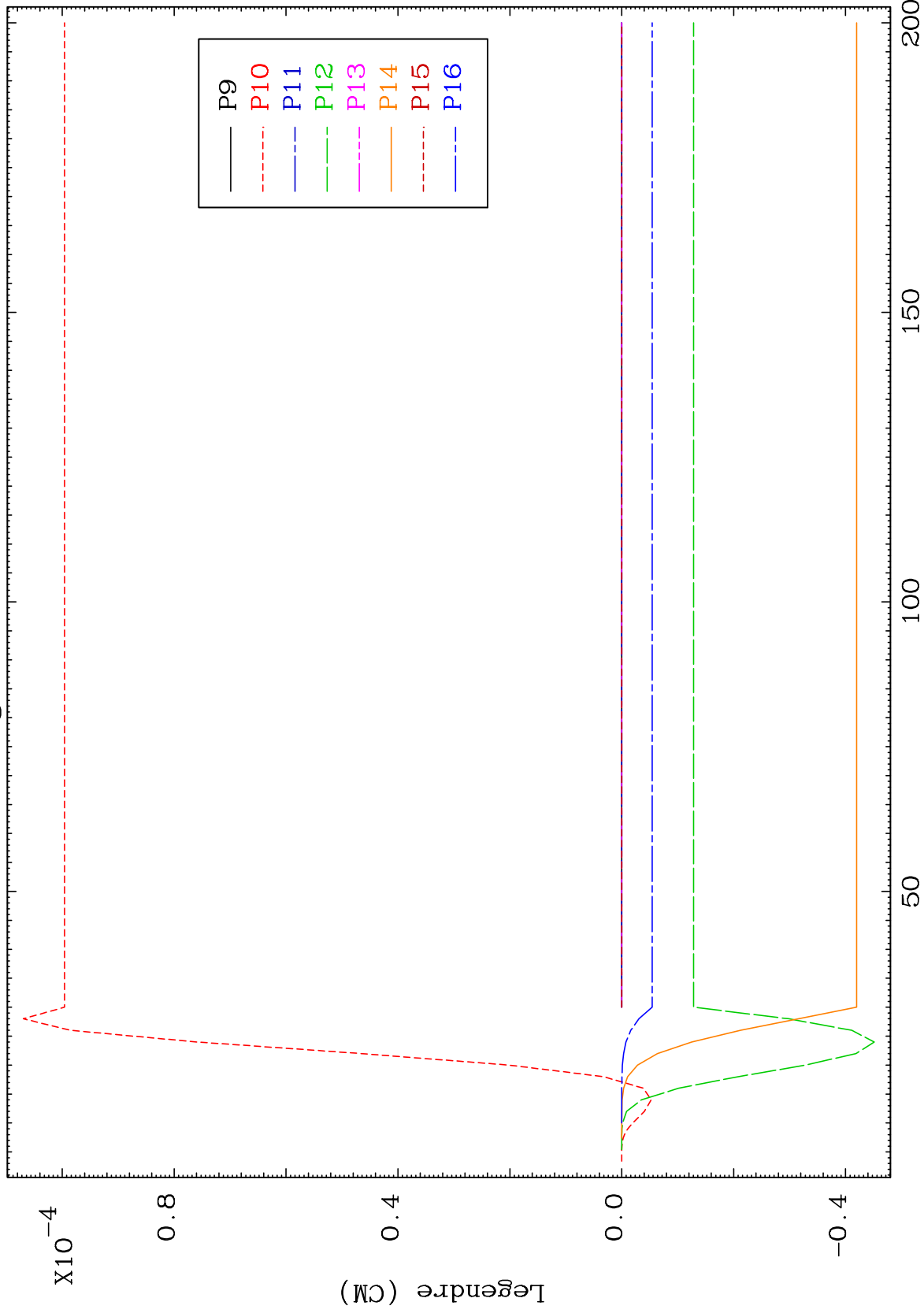




MAT 3113

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

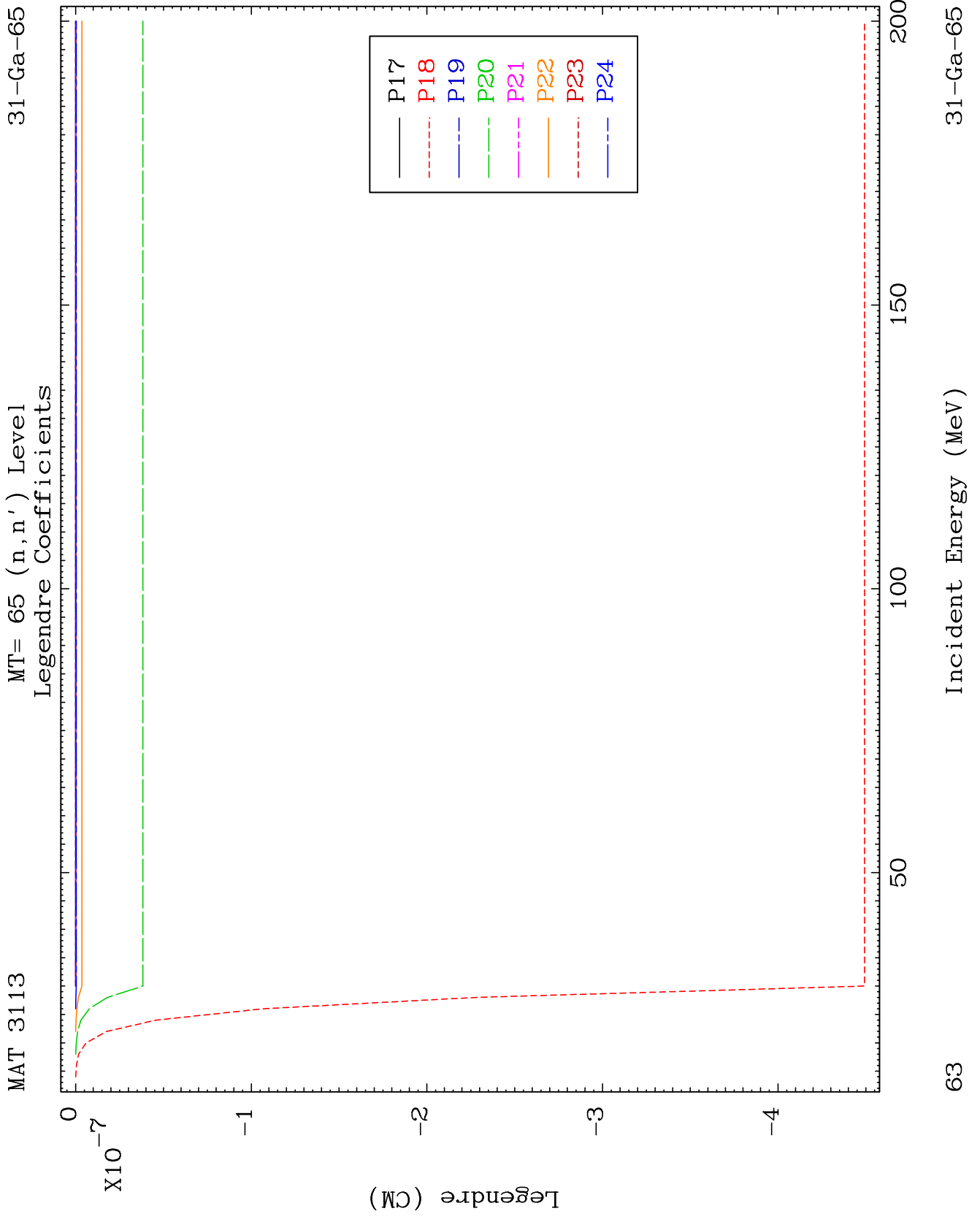
31-Ga-65

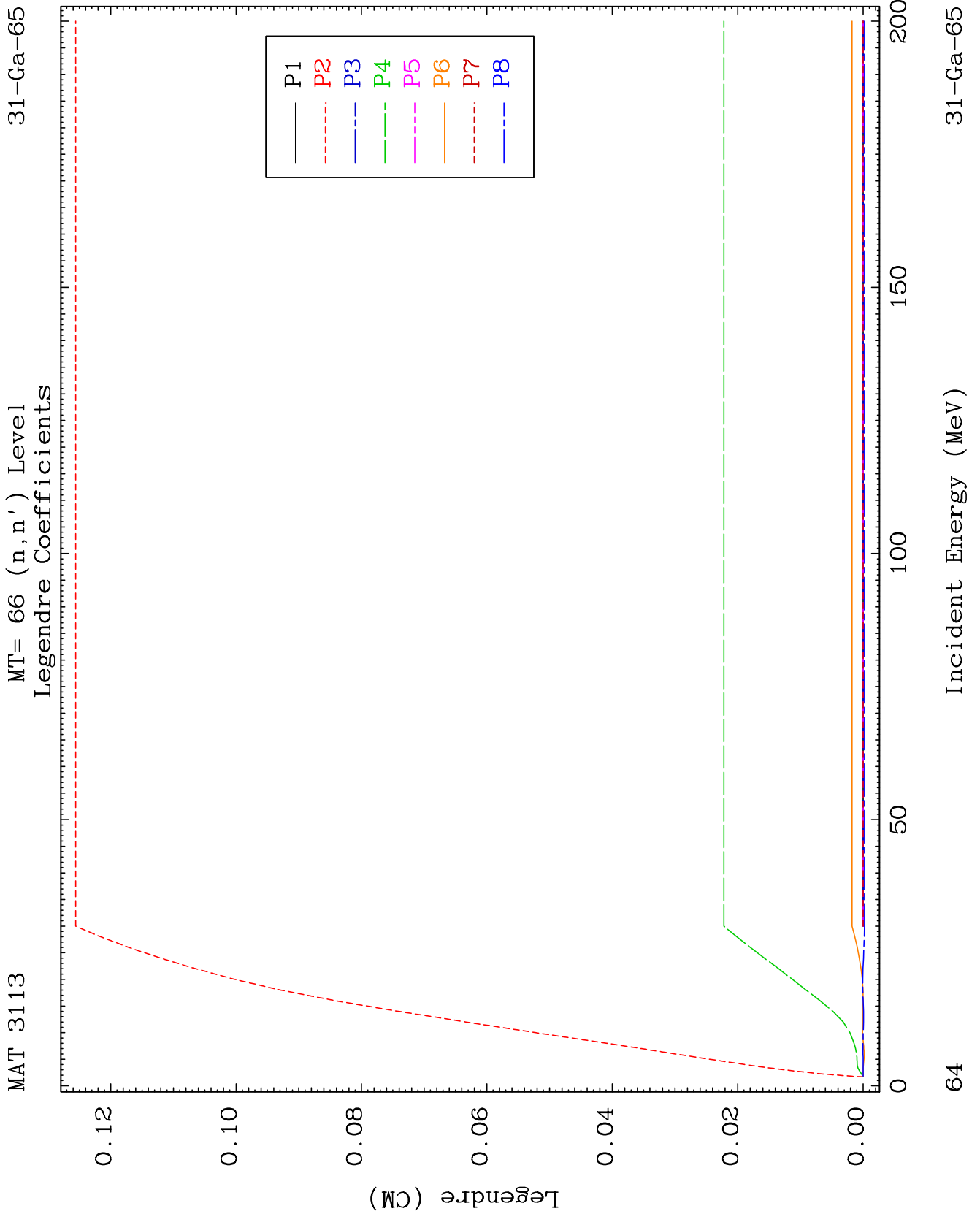


62

Incident Energy (MeV)

31-Ga-65

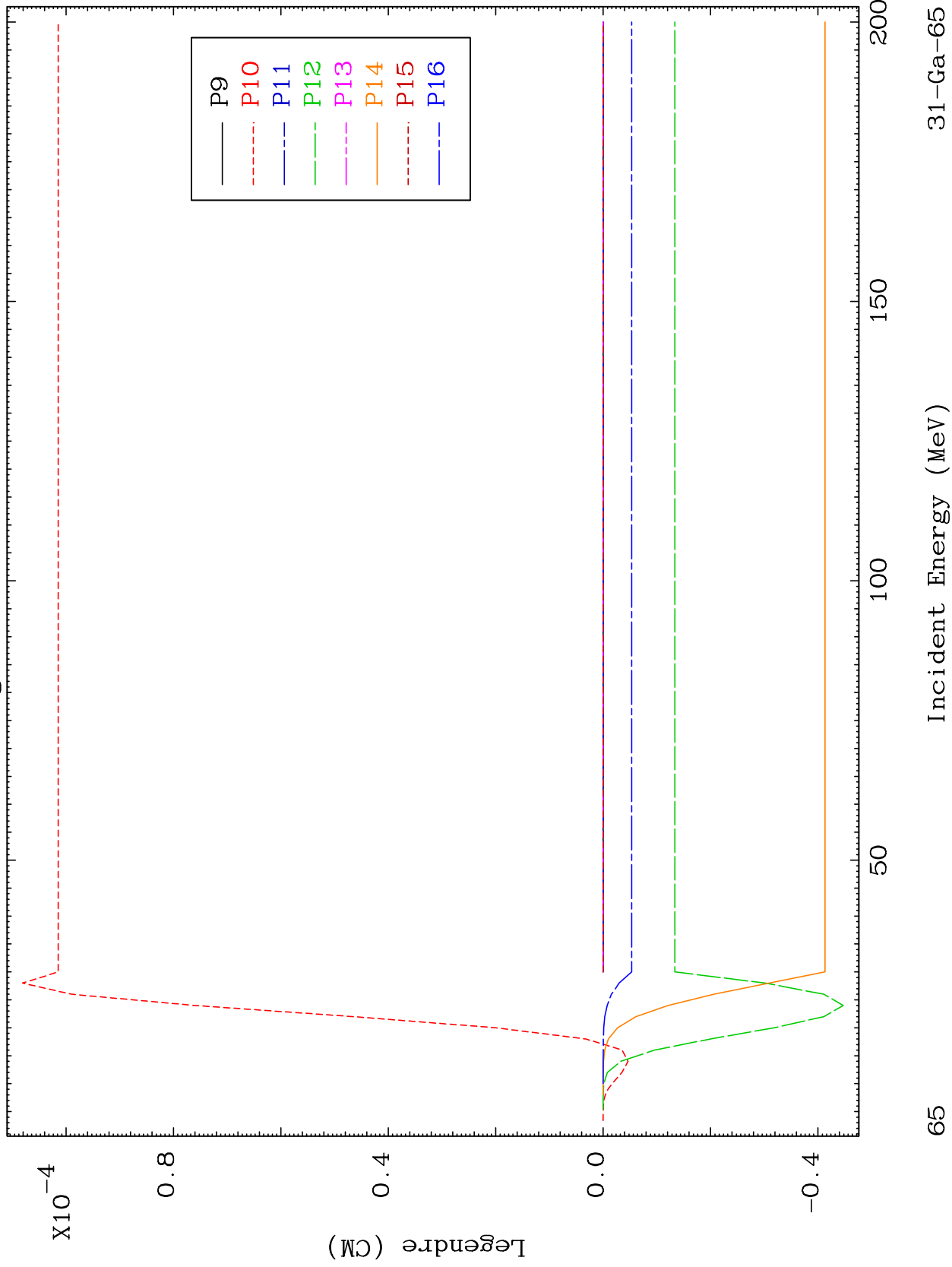


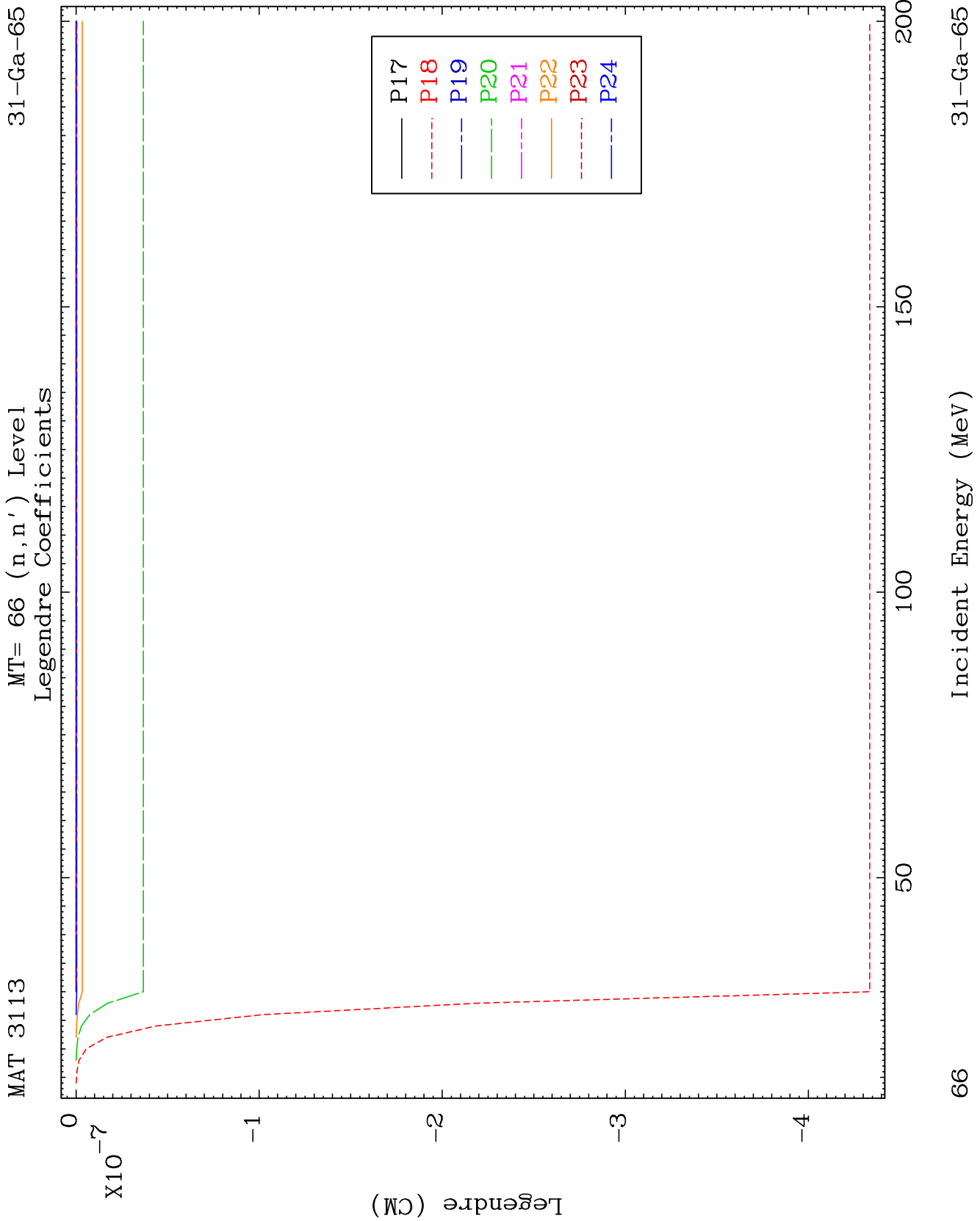


MAT 3113

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

31-Ga-65

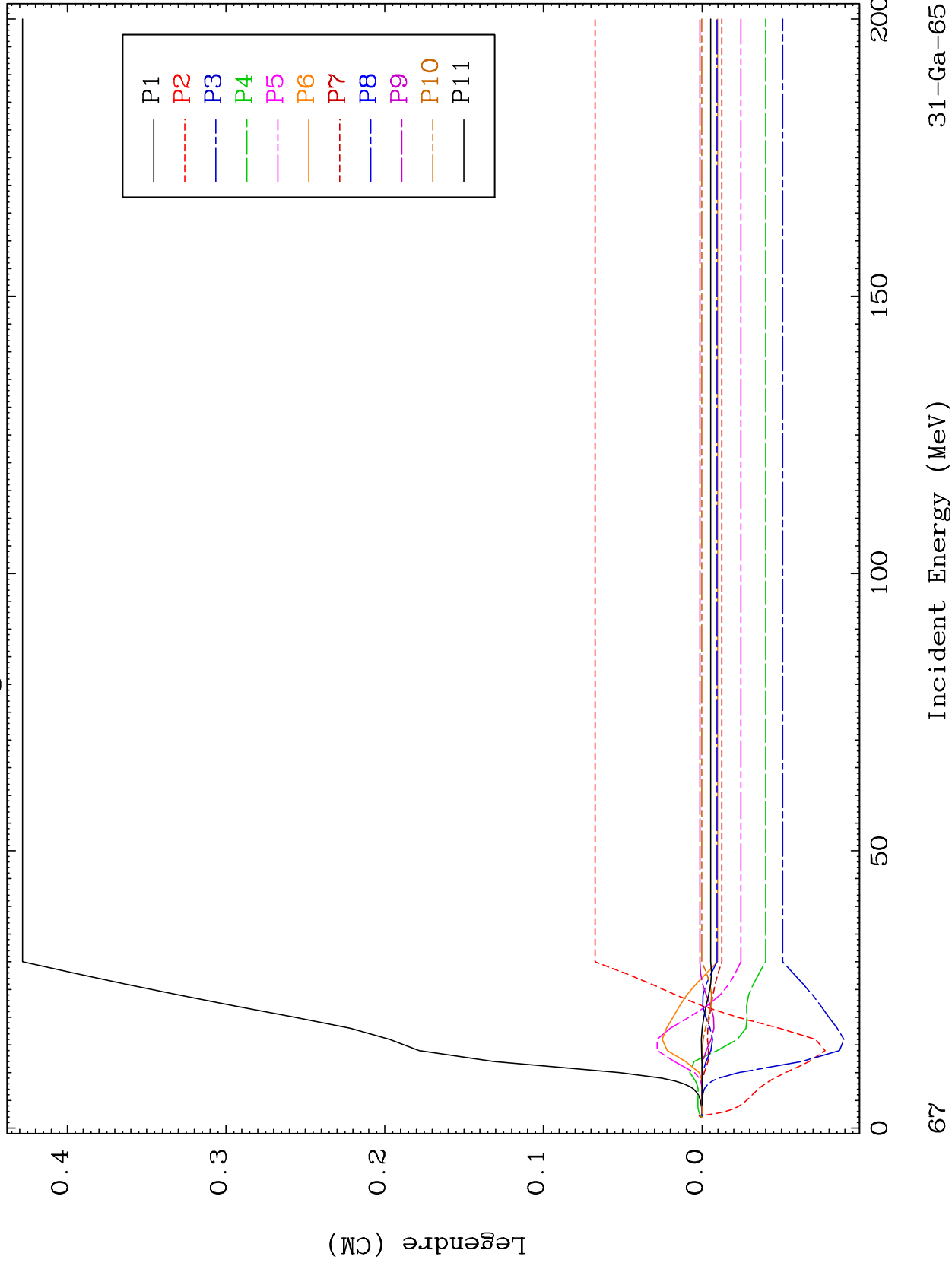




MAT 3113

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

31-Ga-65



31-Ga-65

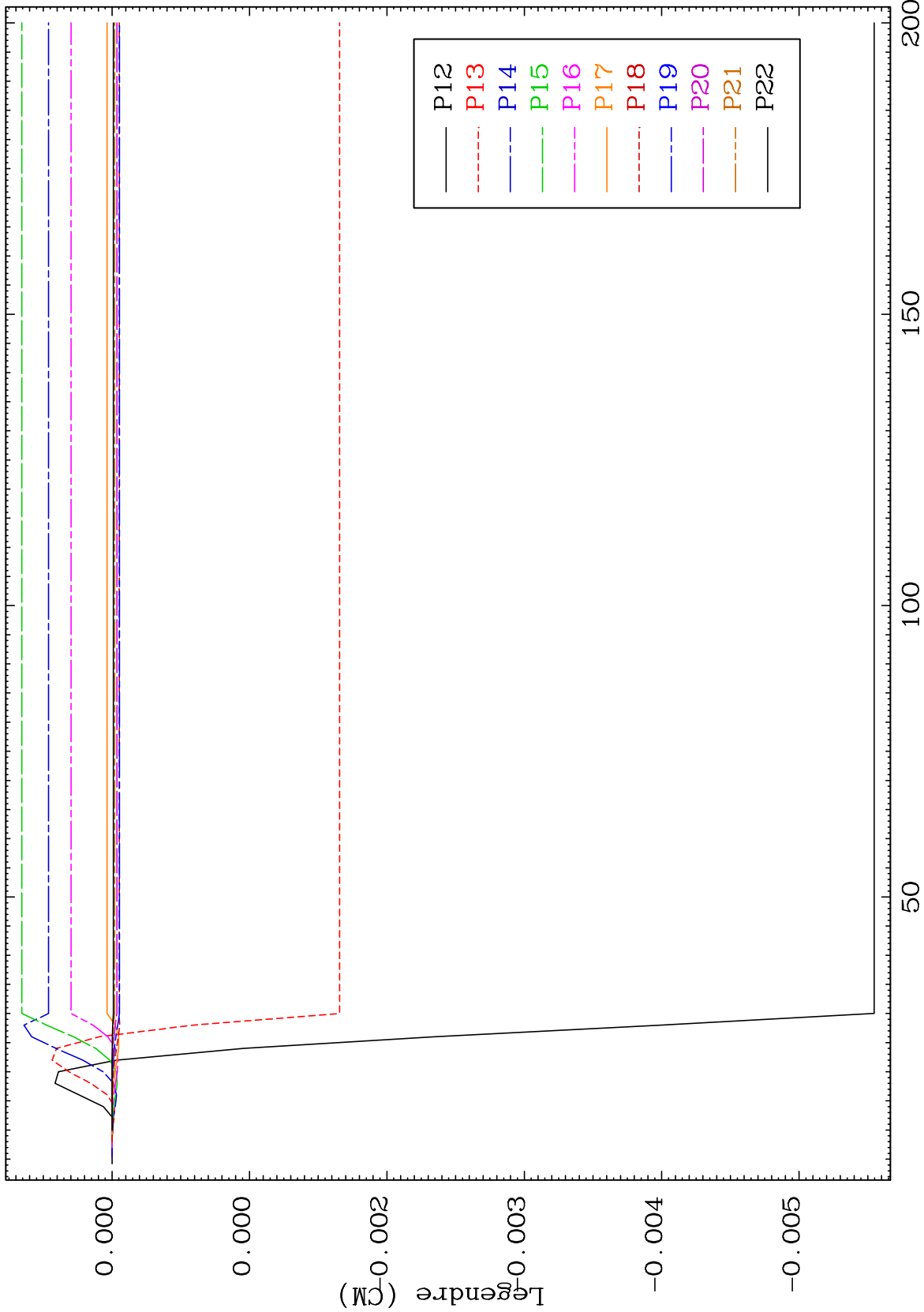
Incident Energy (MeV)

67

MAT 3113

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

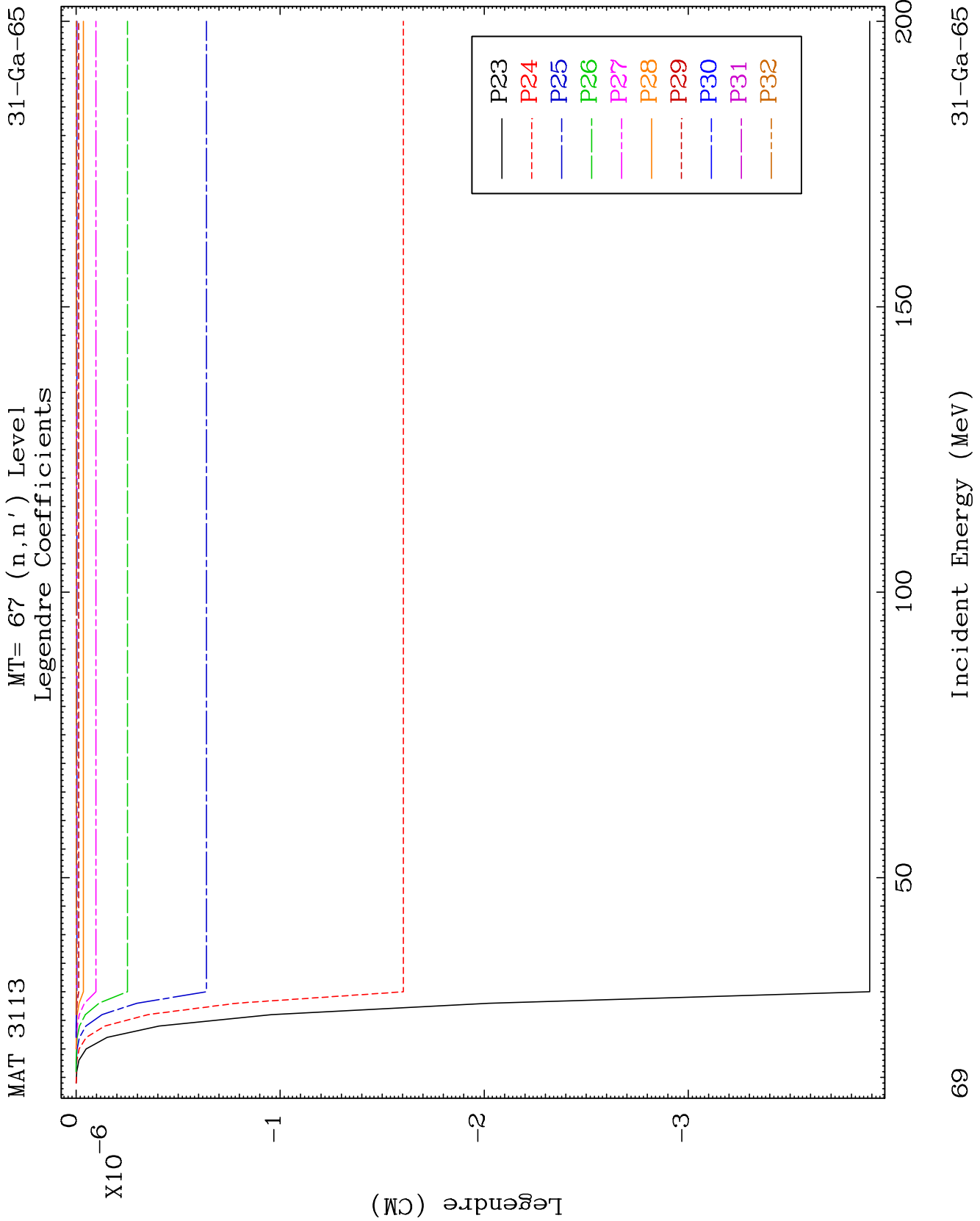
31-Ga-65

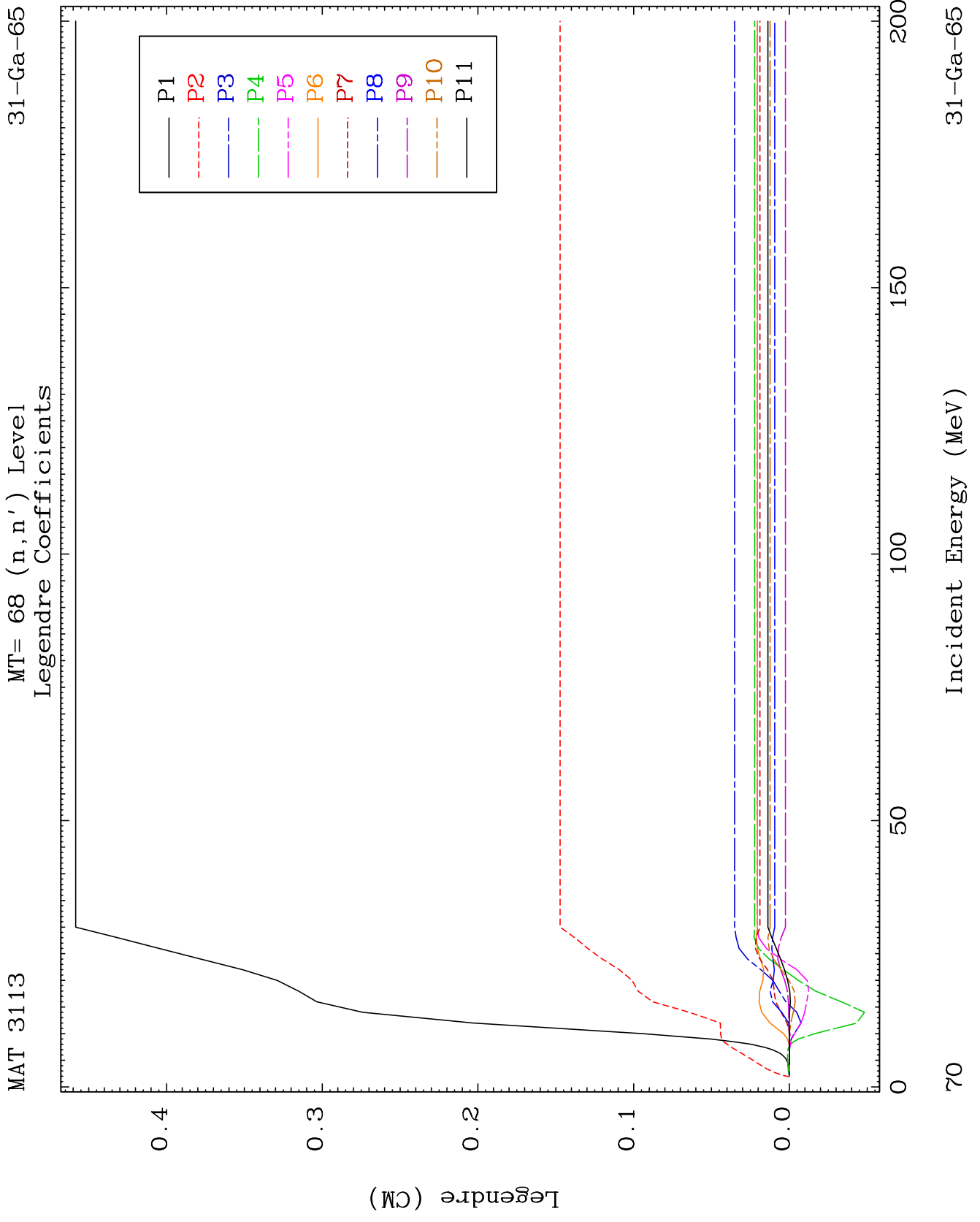


68

Incident Energy (MeV)

31-Ga-65

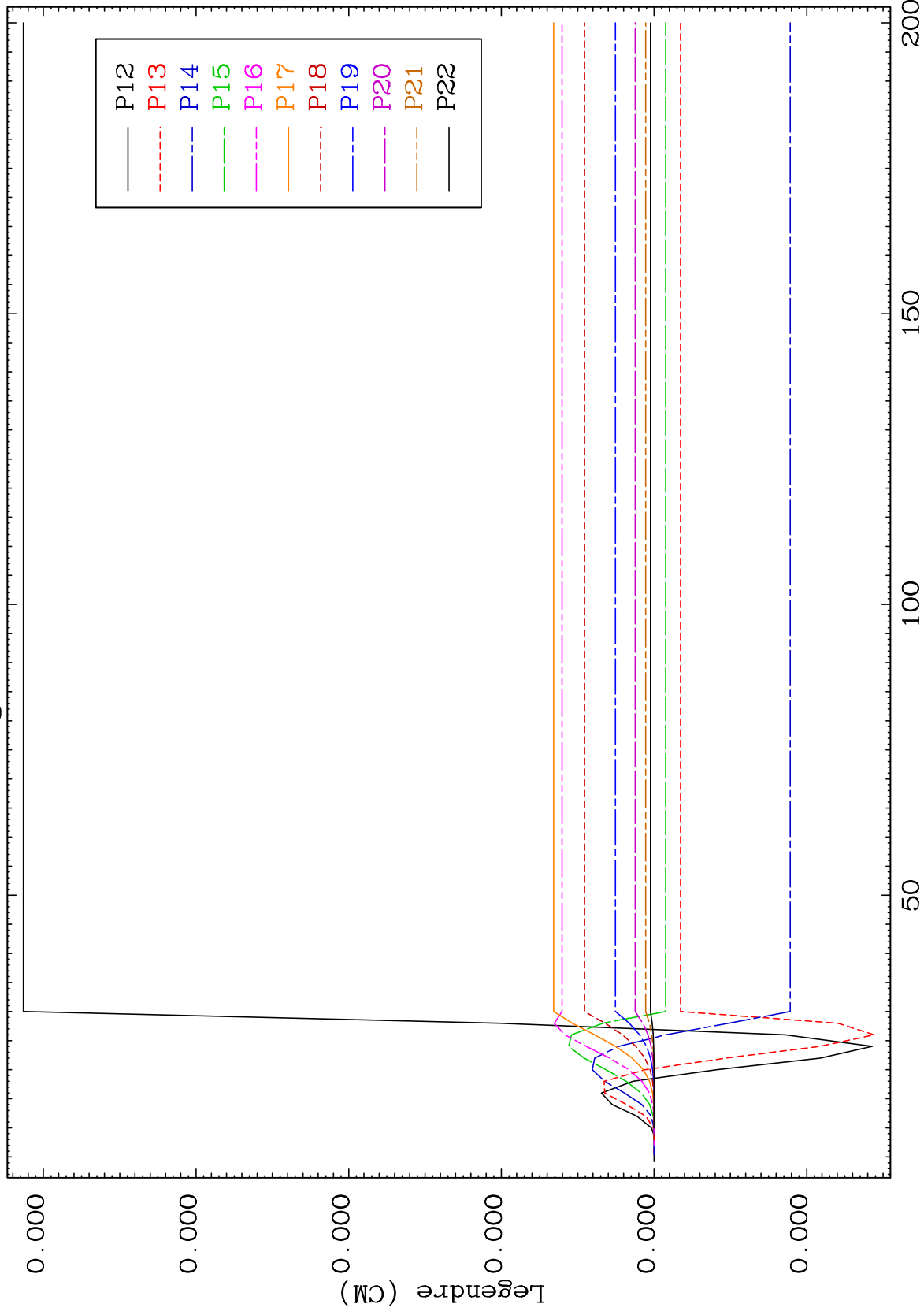




MAT 3113

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

31-Ga-65



71

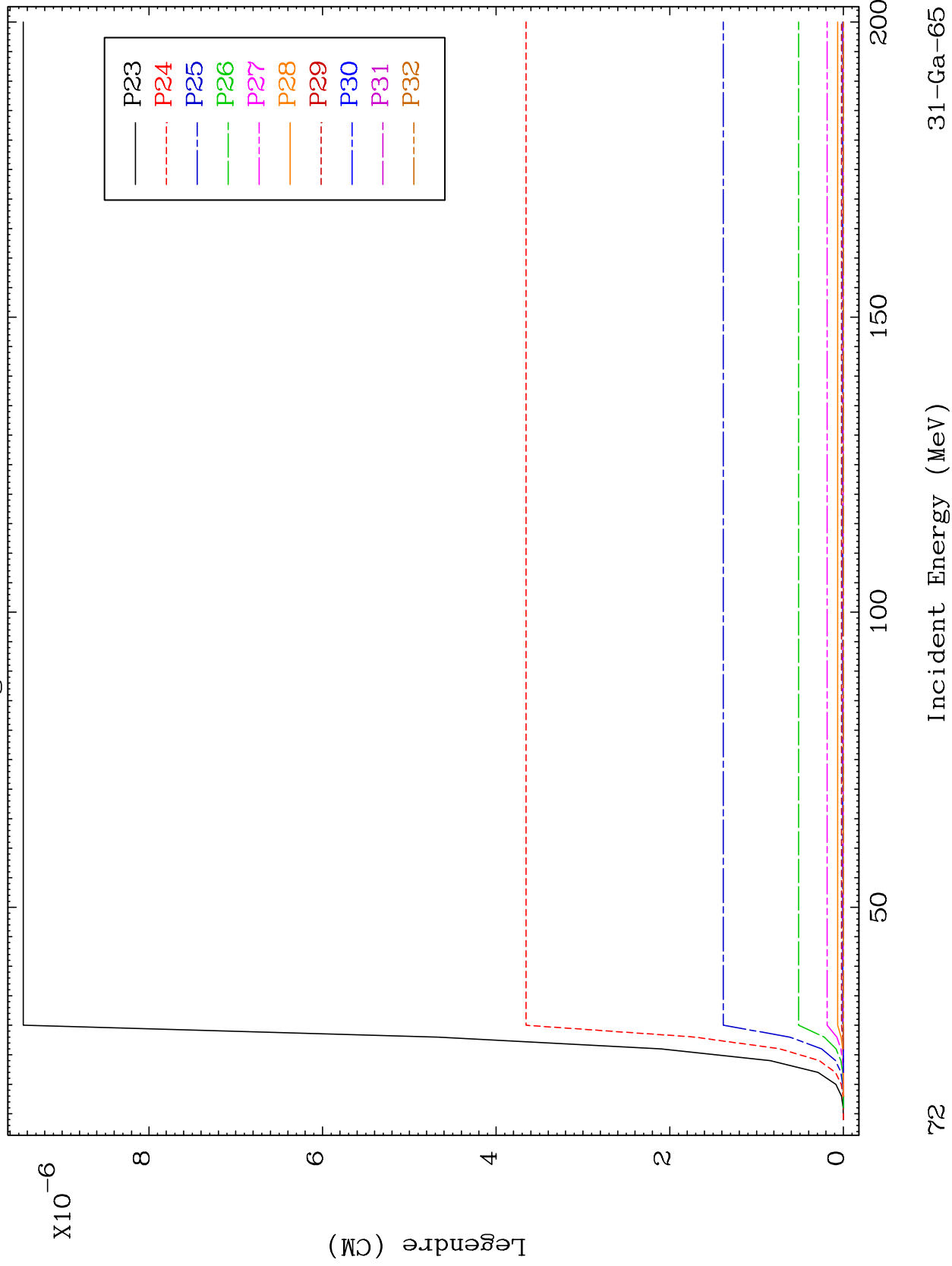
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

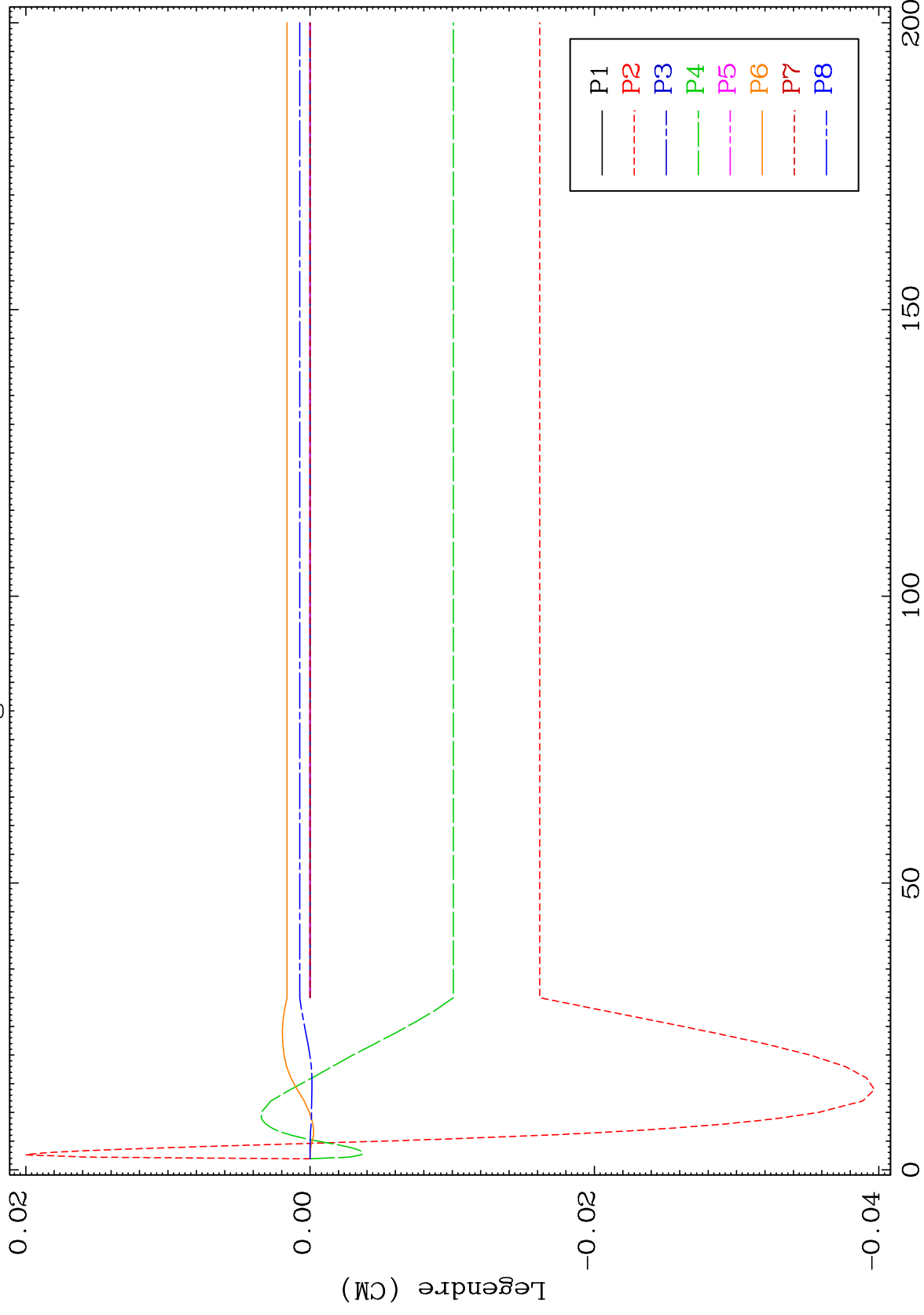
31-Ga-65



MAT 3113

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

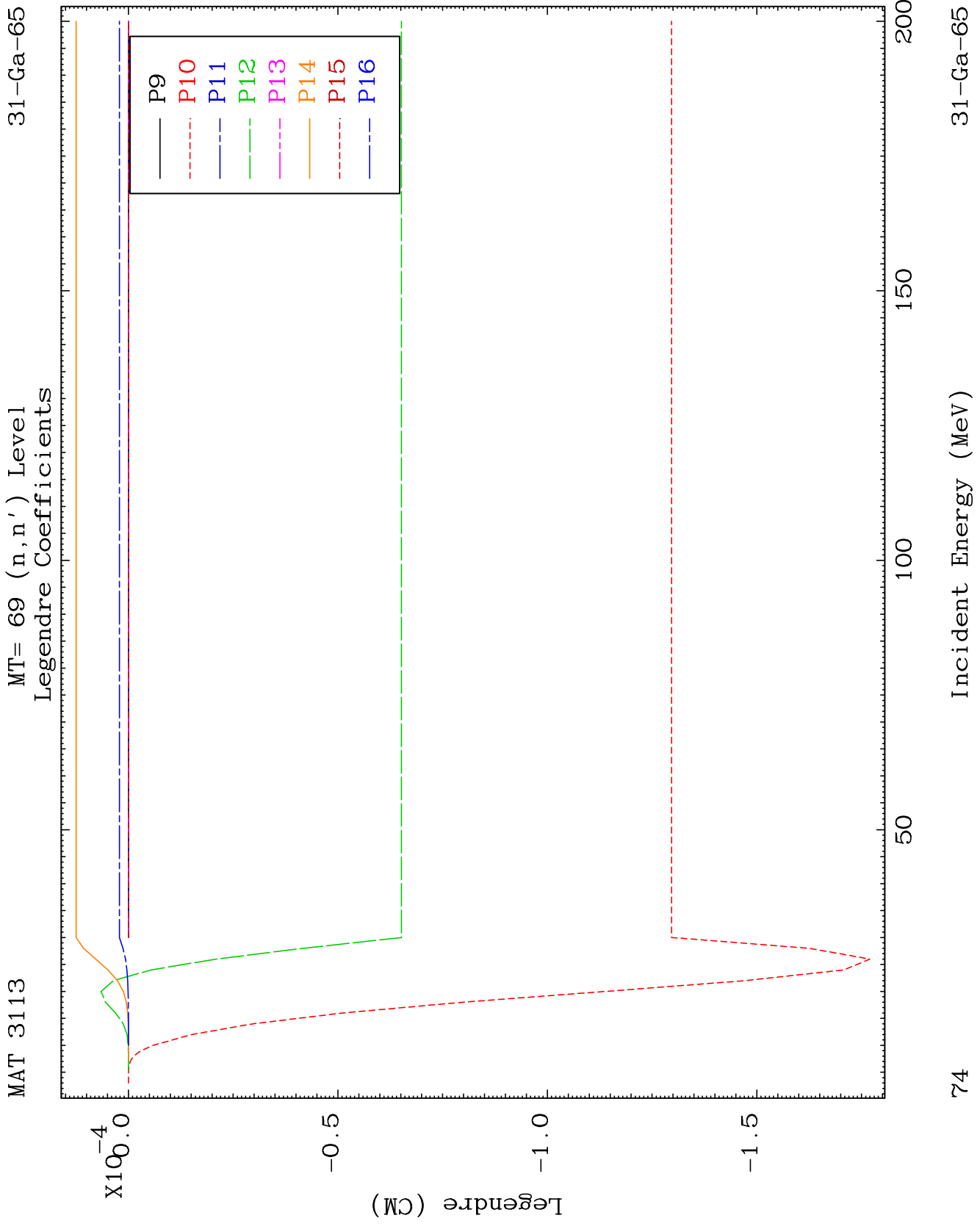
31-Ga-65

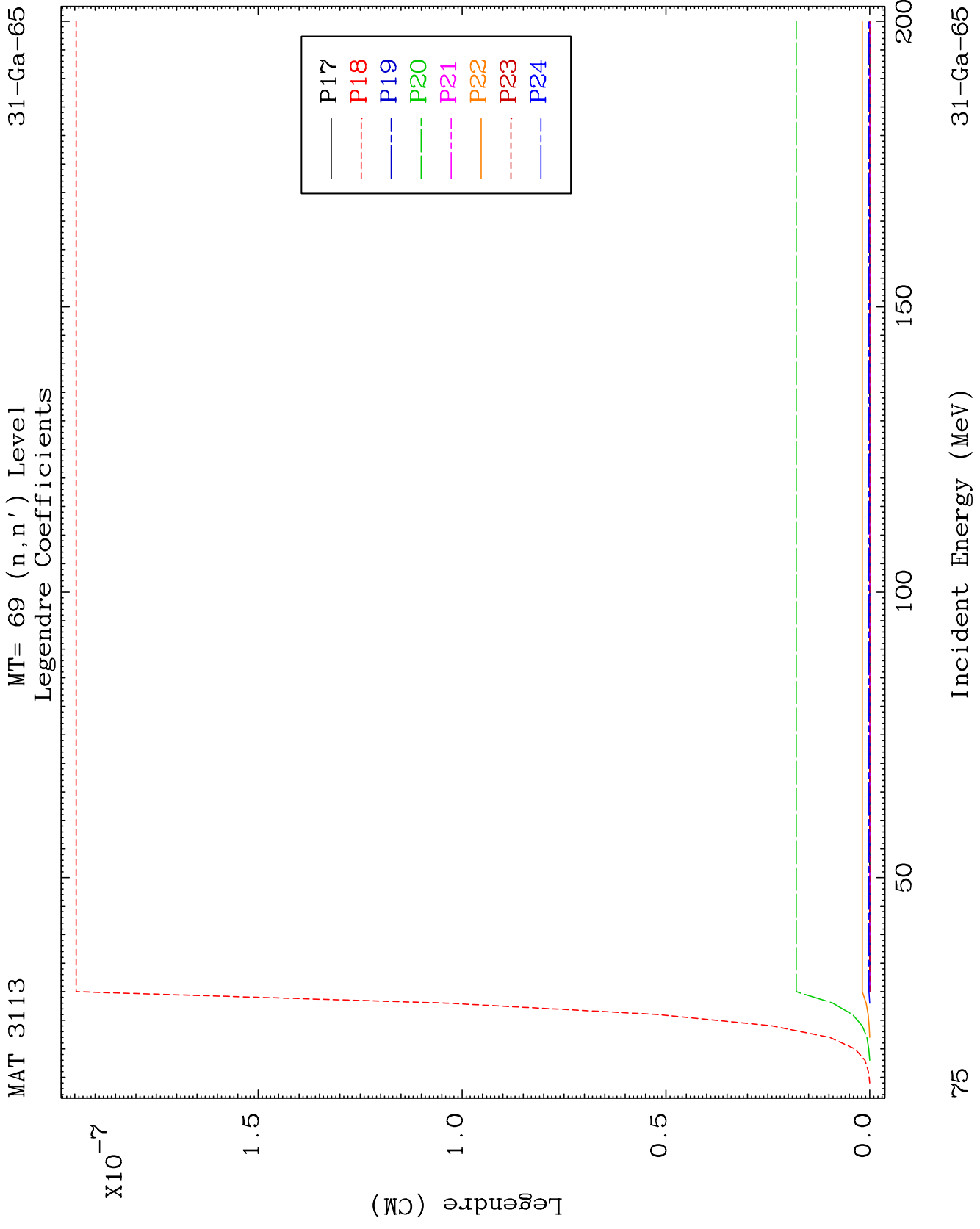


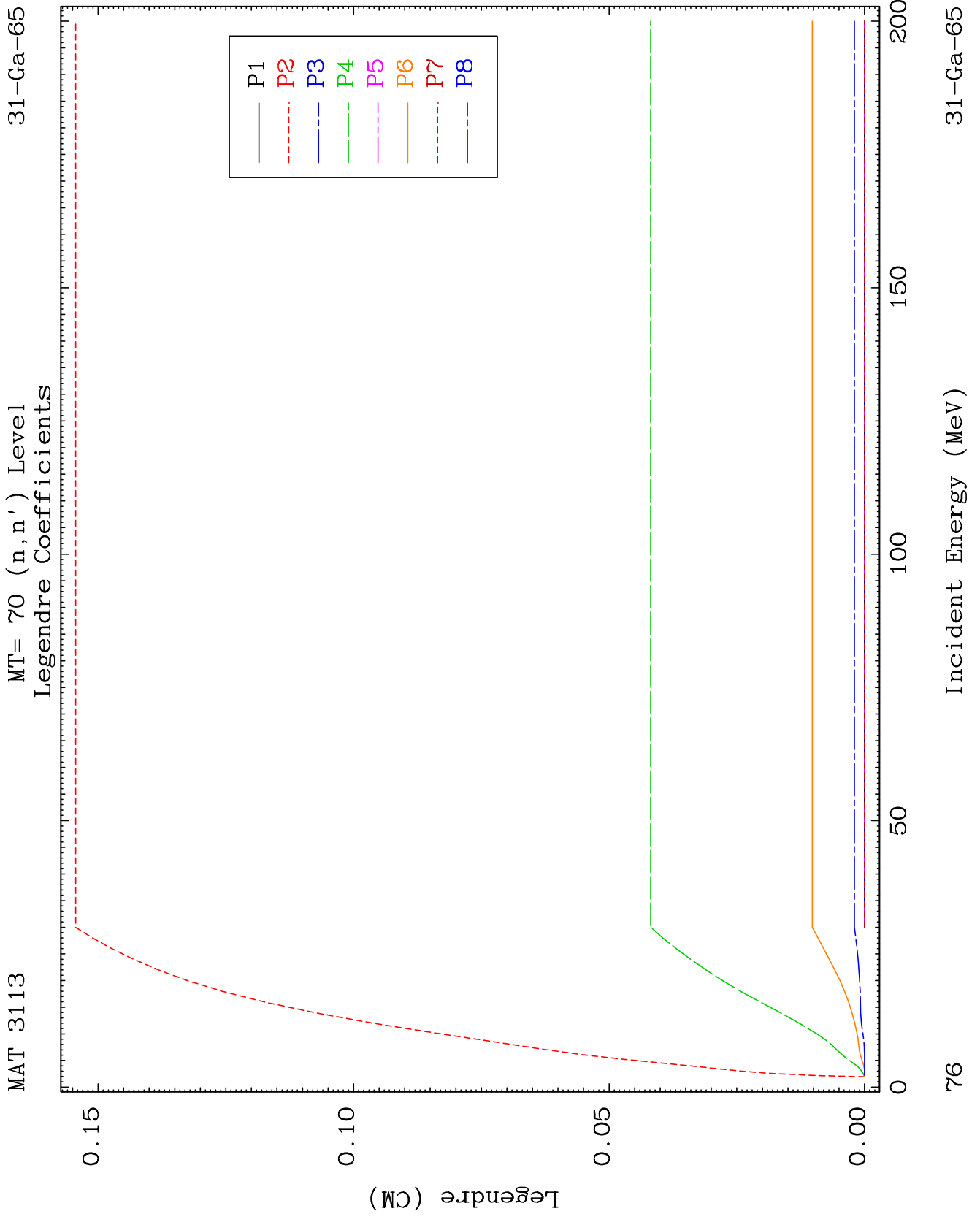
73

Incident Energy (MeV)

31-Ga-65



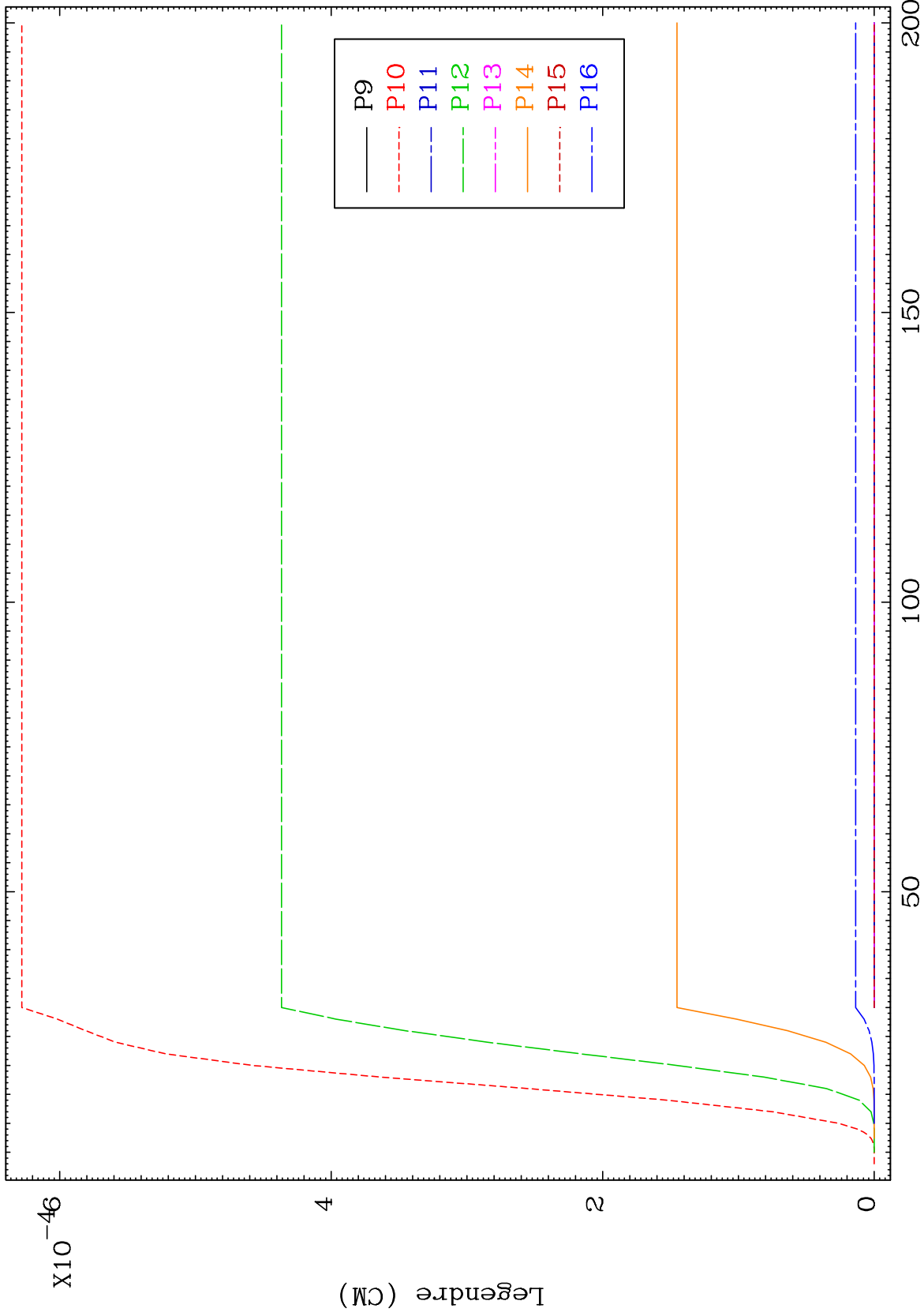




MAT 3113

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

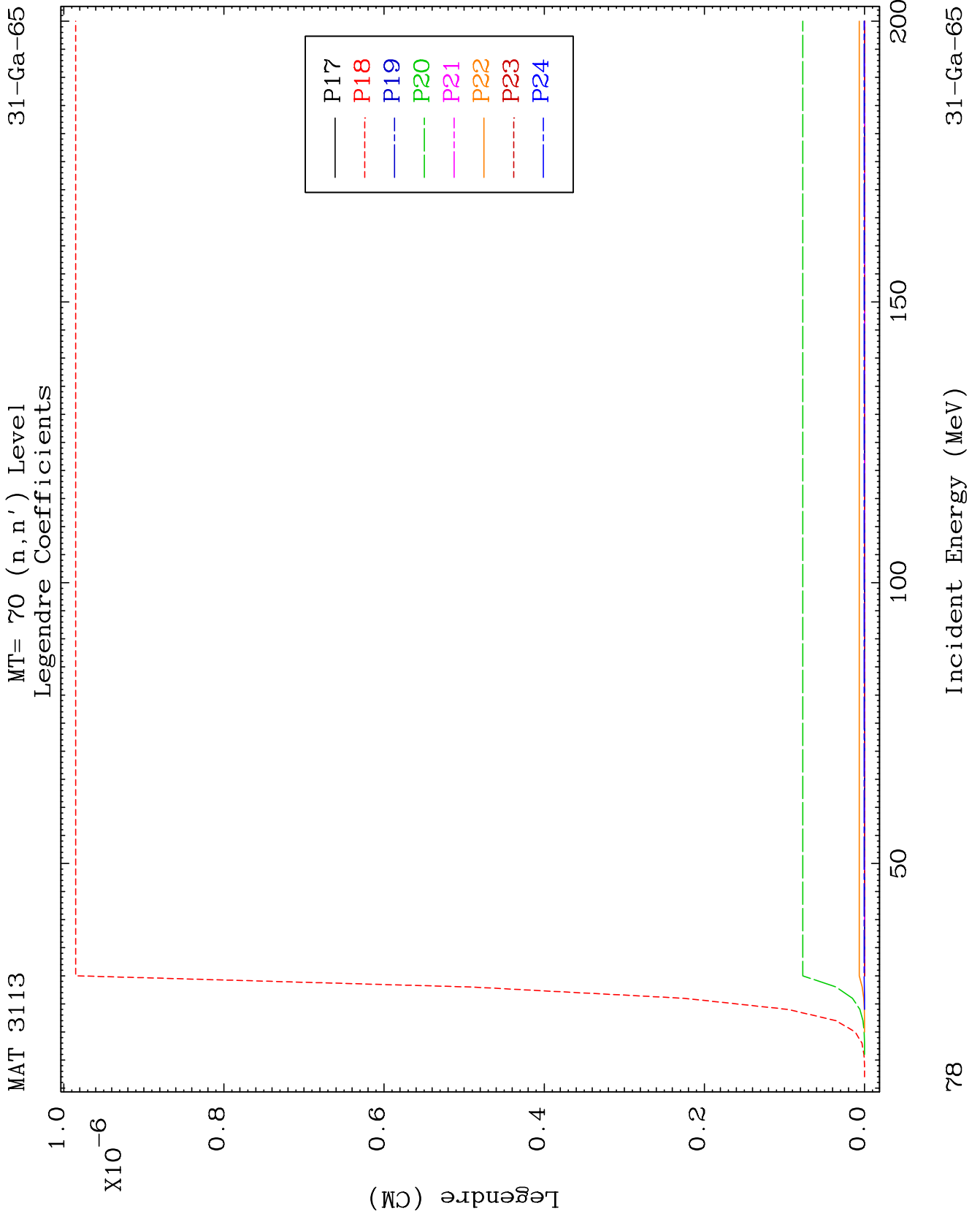
31-Ga-65



77

Incident Energy (MeV)

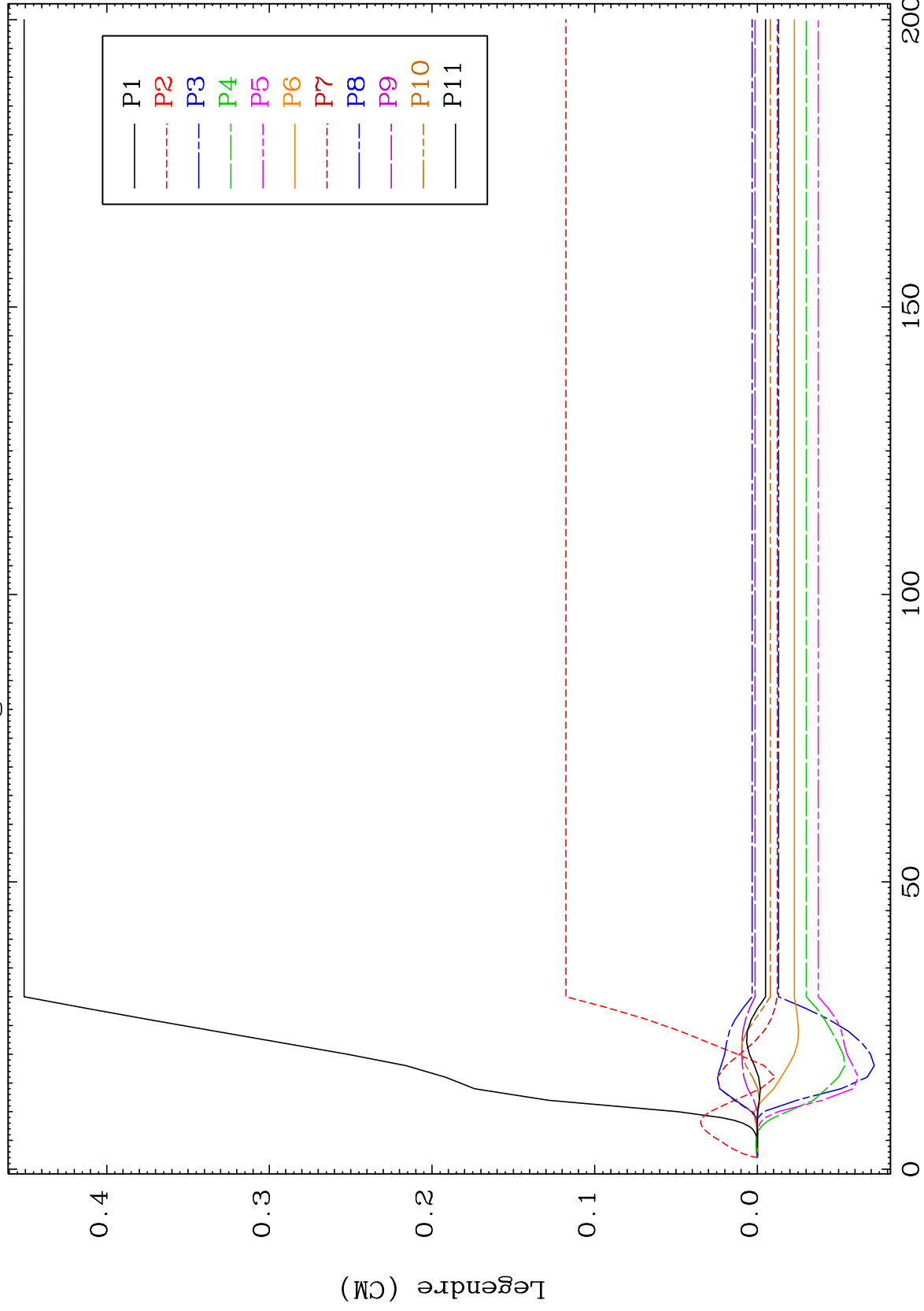
31-Ga-65



MAT 3113

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

31-Ga-65



79

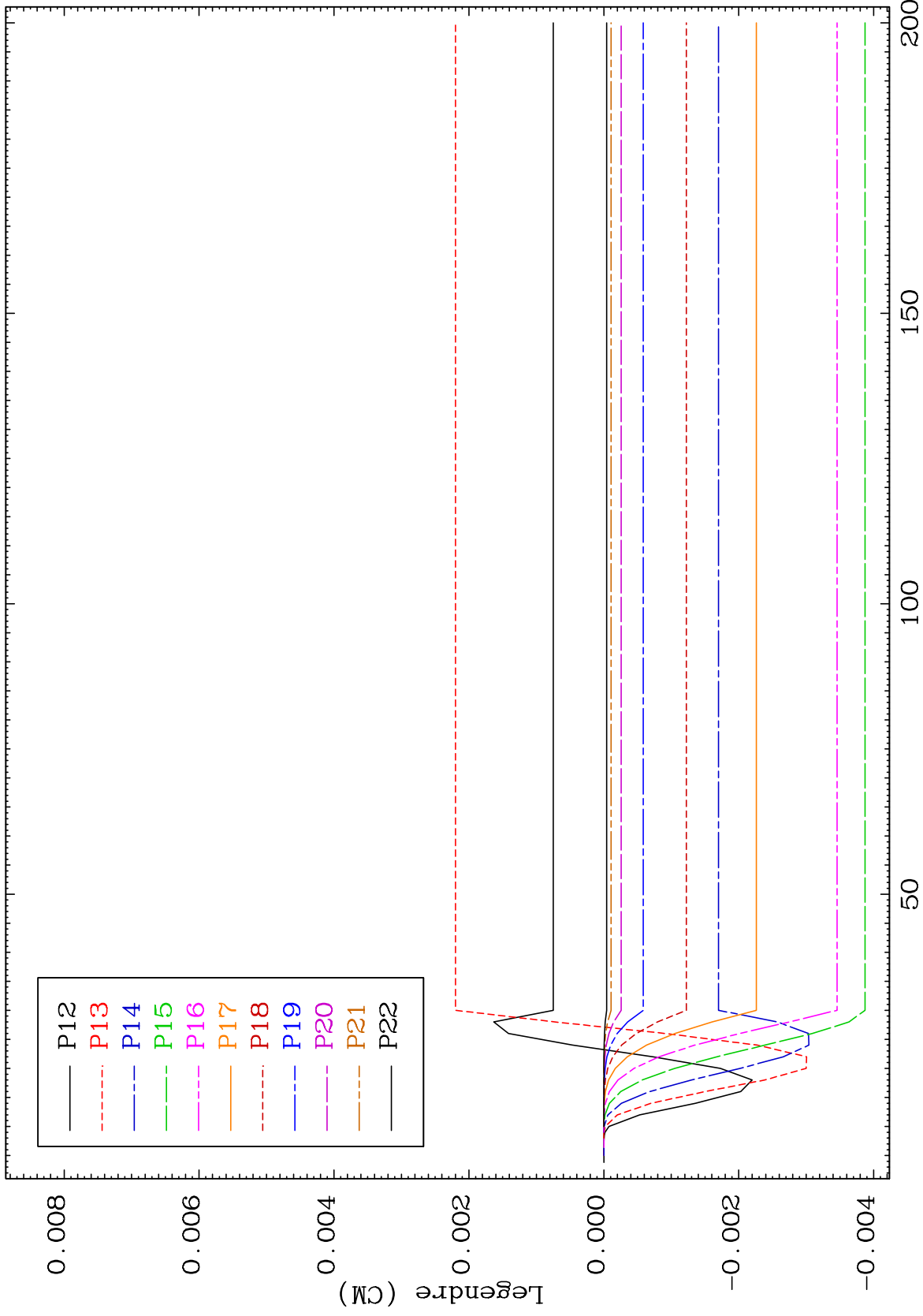
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

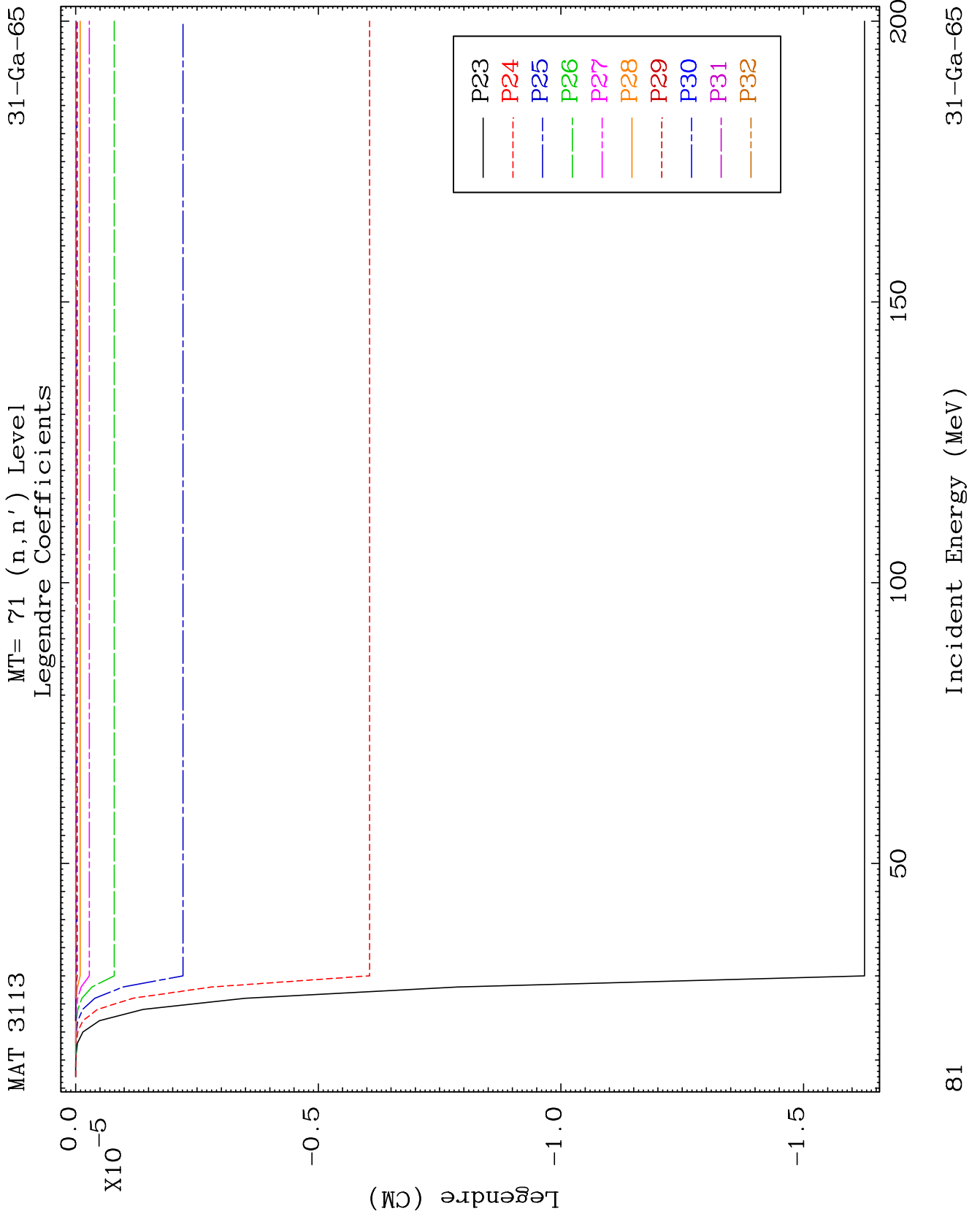
31-Ga-65



80

Incident Energy (MeV)

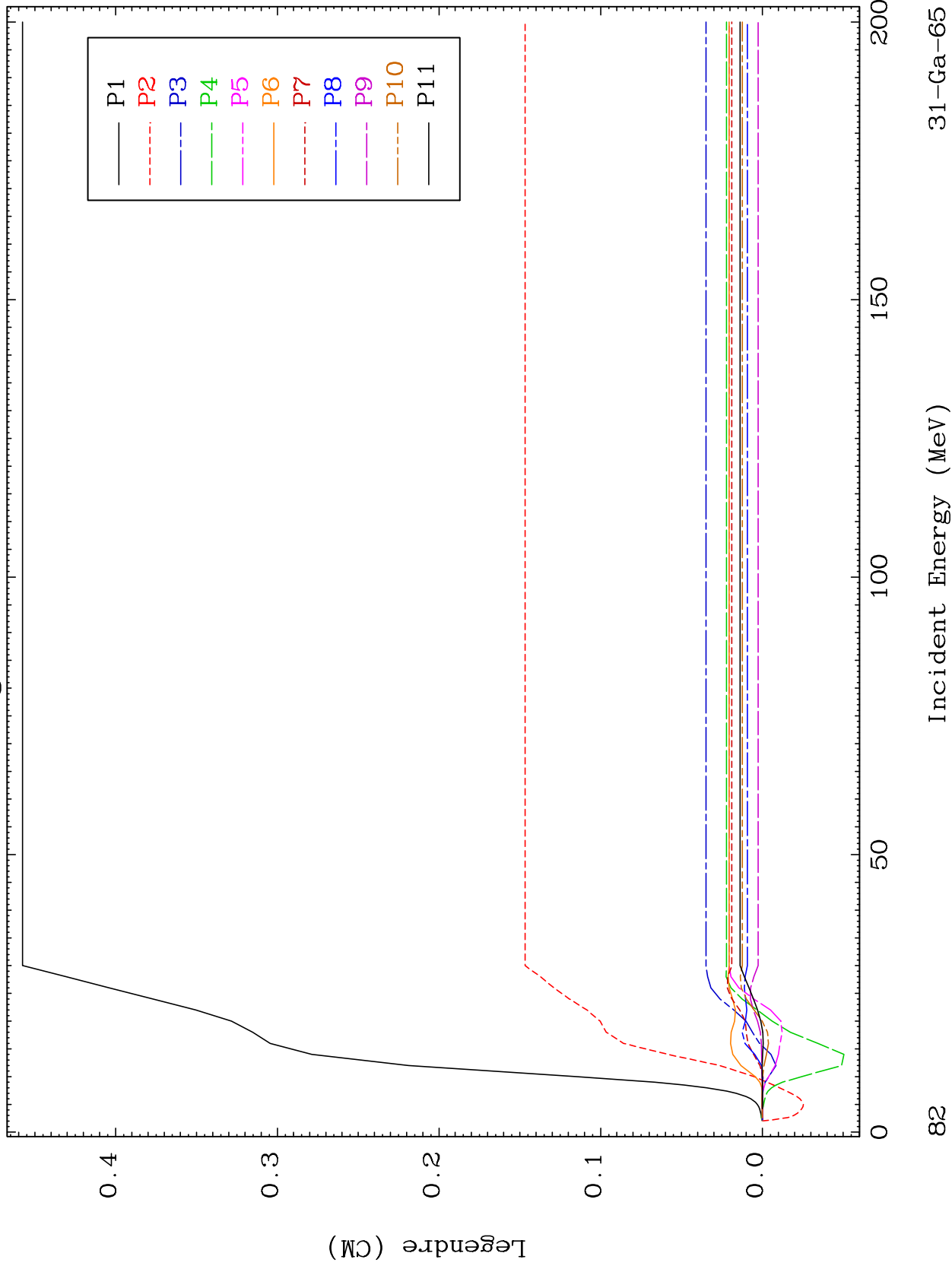
31-Ga-65



MAT 3113

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

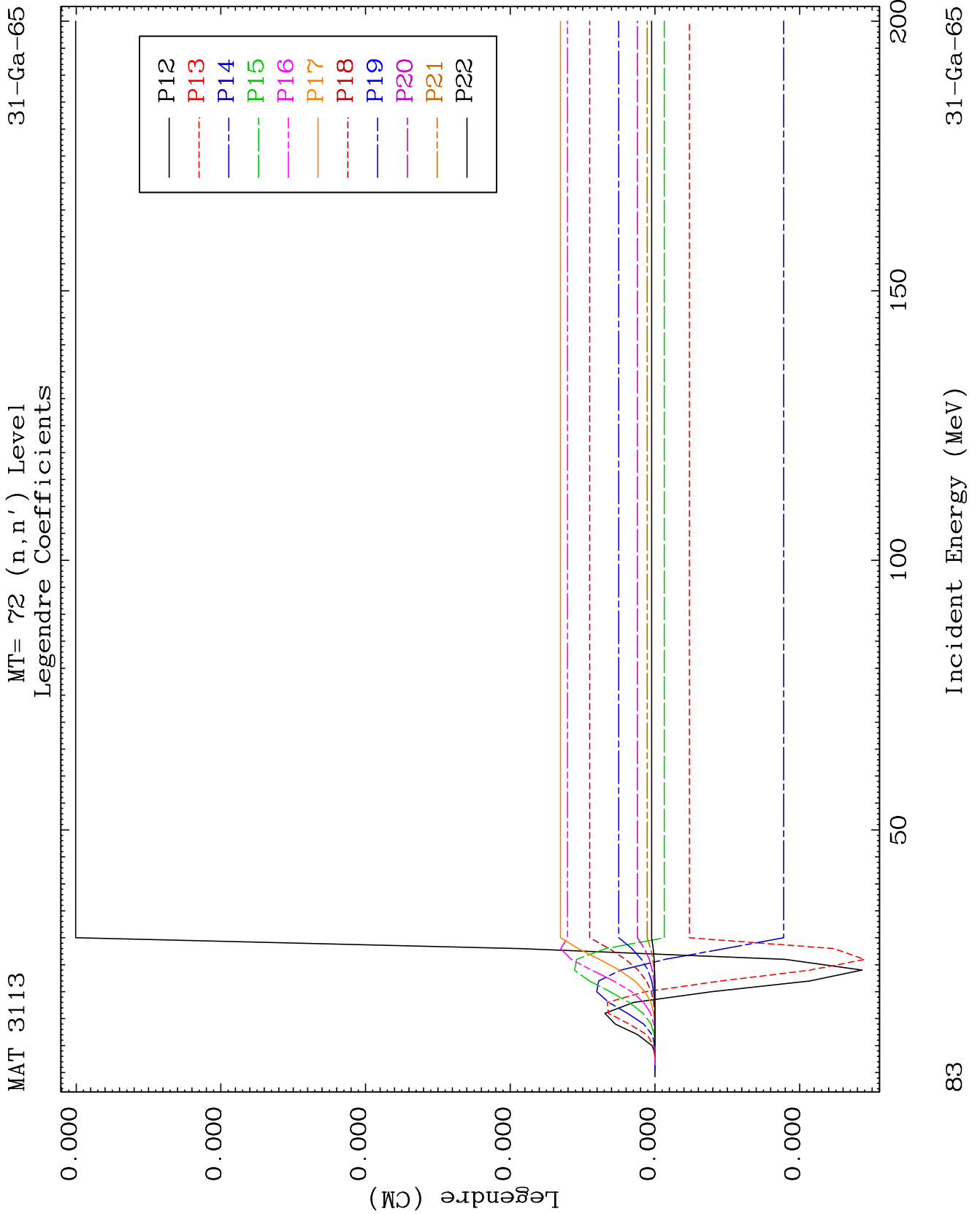
31-Ga-65



82

Incident Energy (MeV)

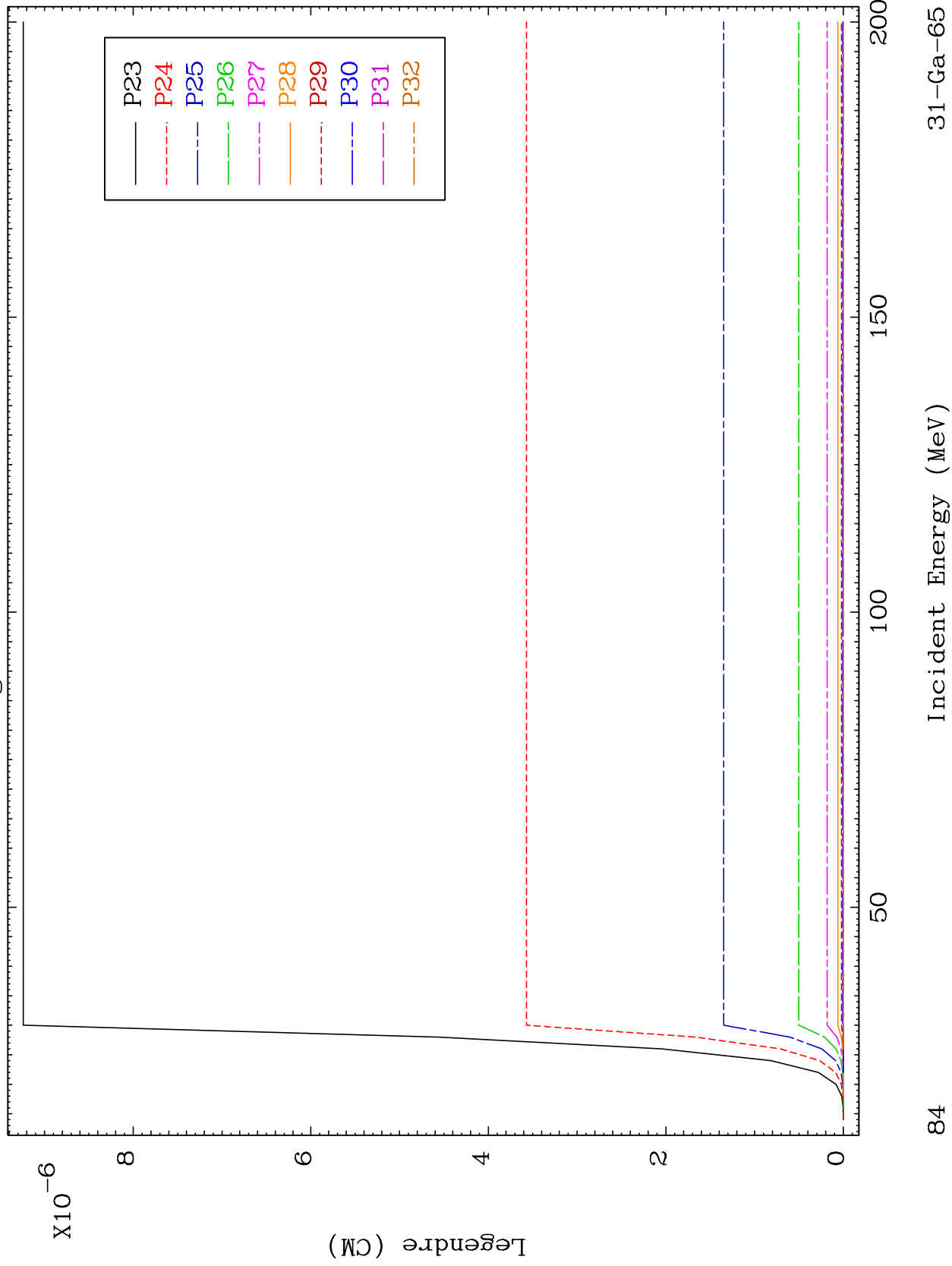
31-Ga-65



MAT 3113

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

31-Ga-65



84

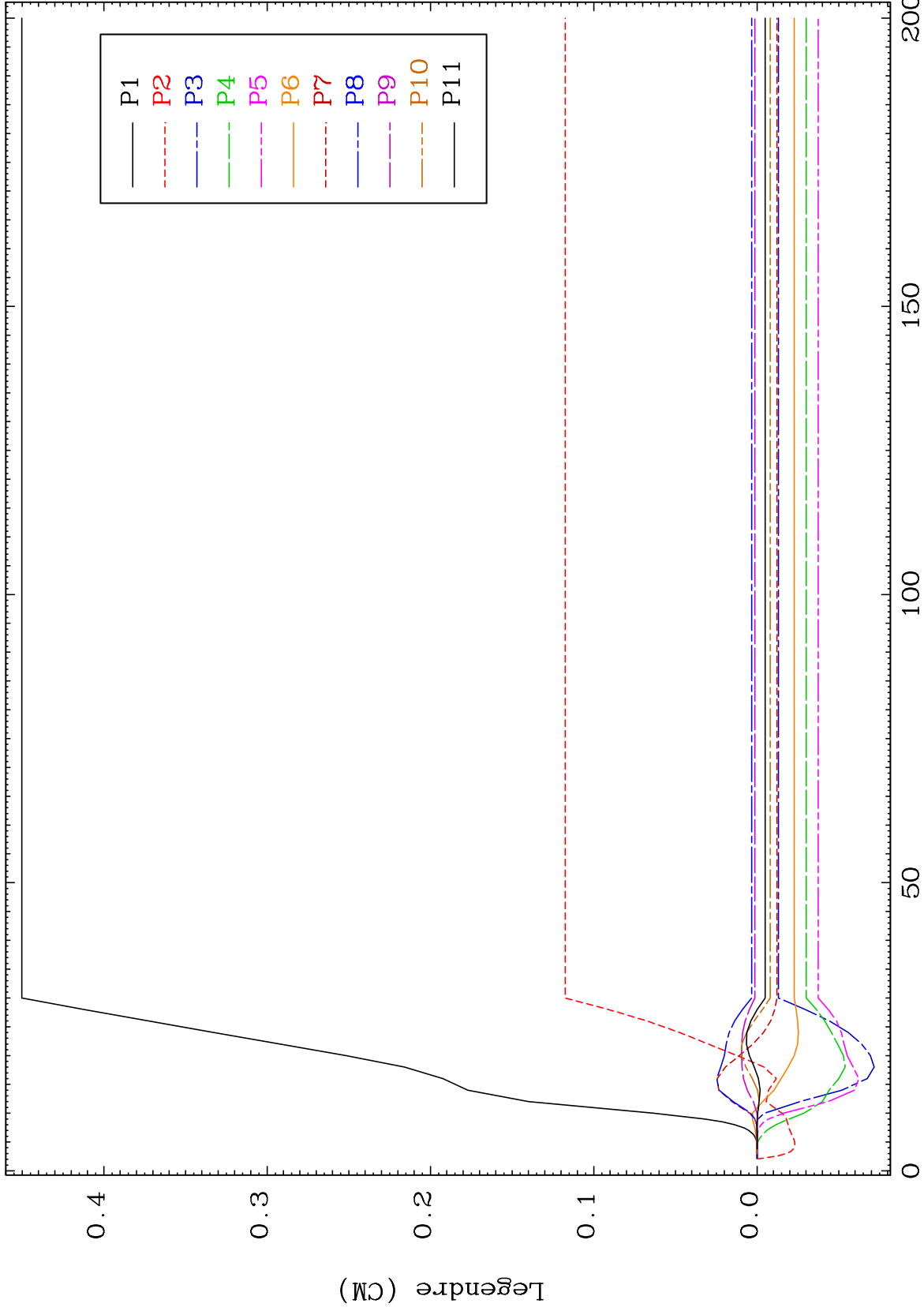
Incident Energy (MeV)

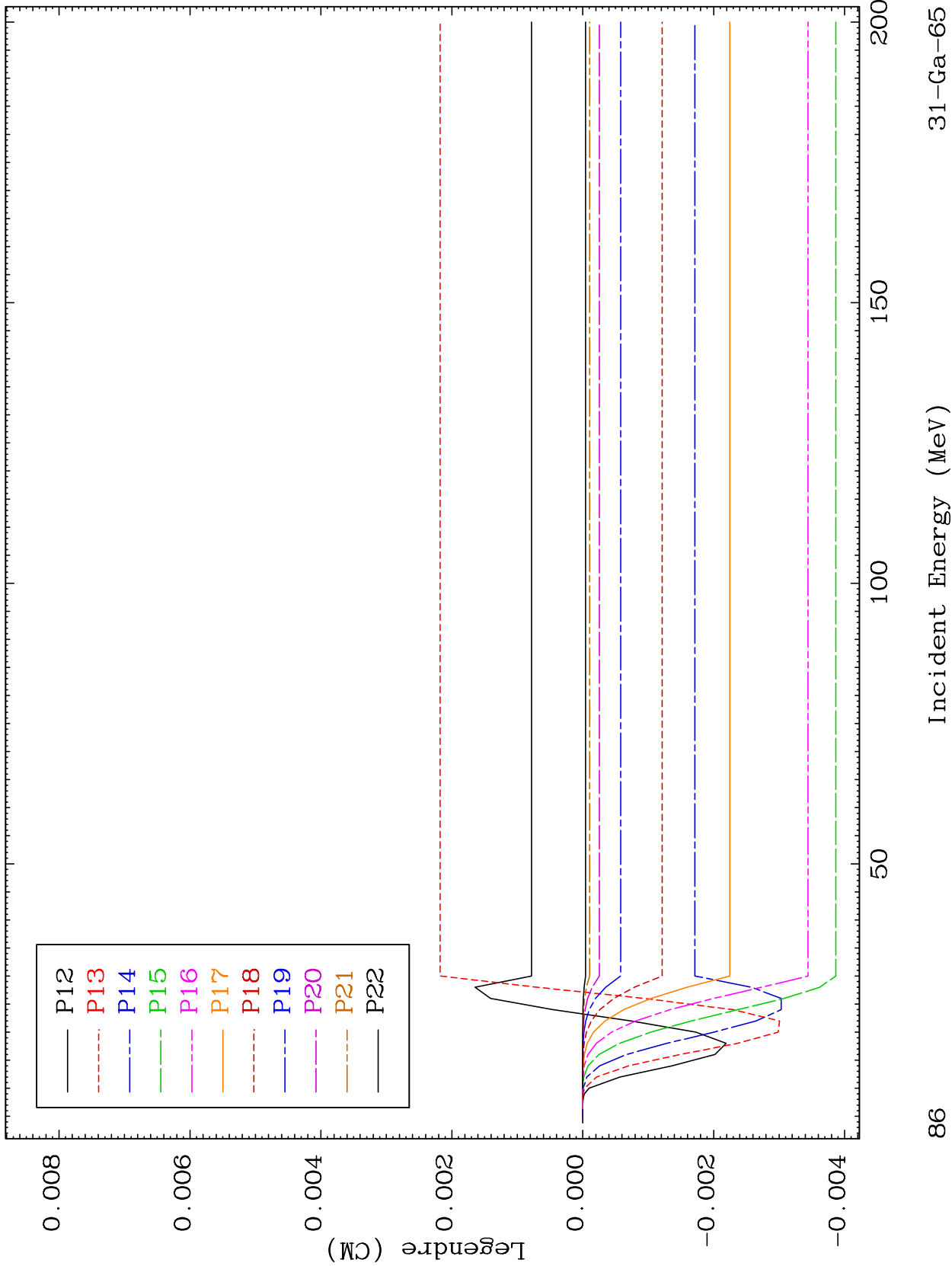
31-Ga-65

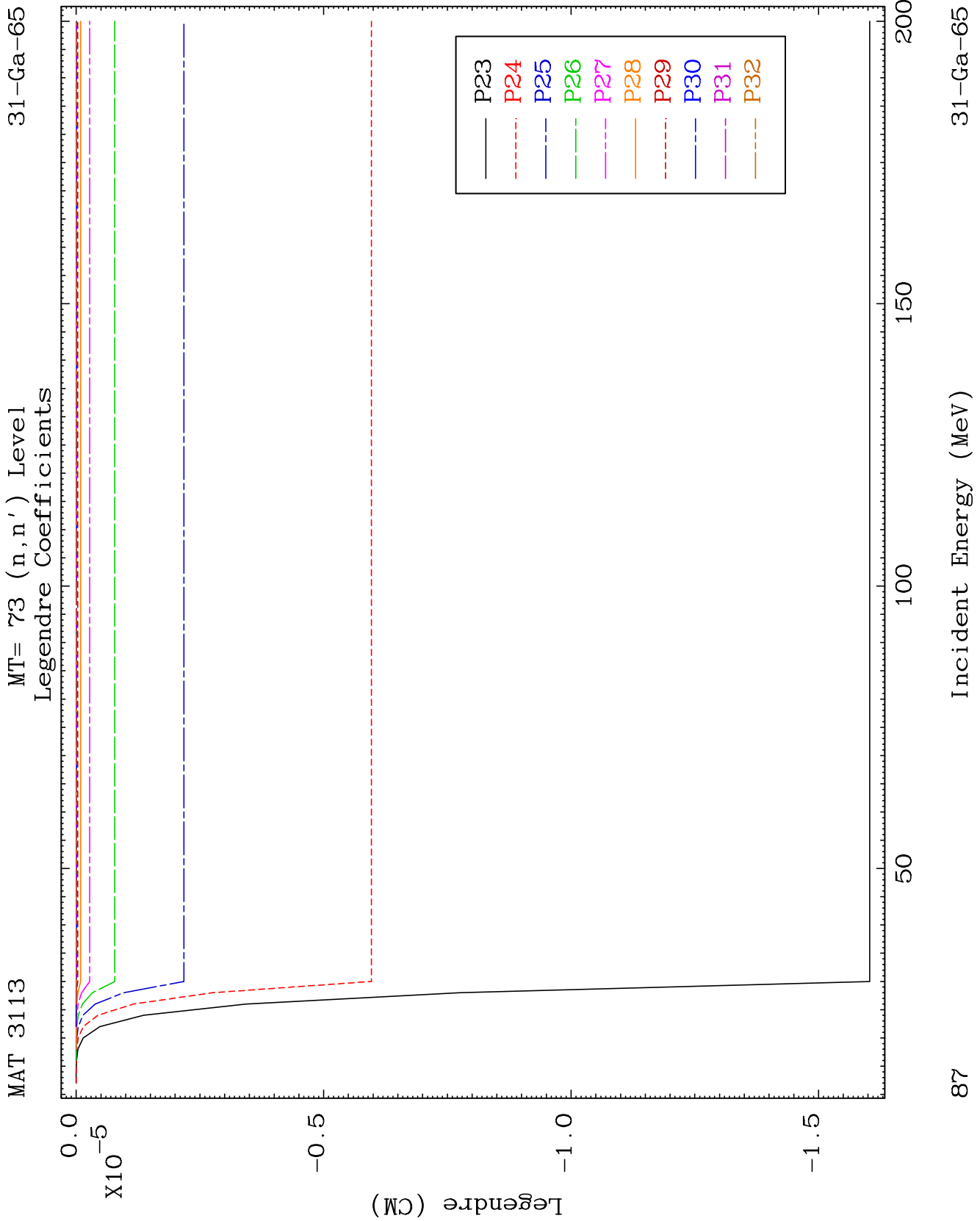
MAT 3113

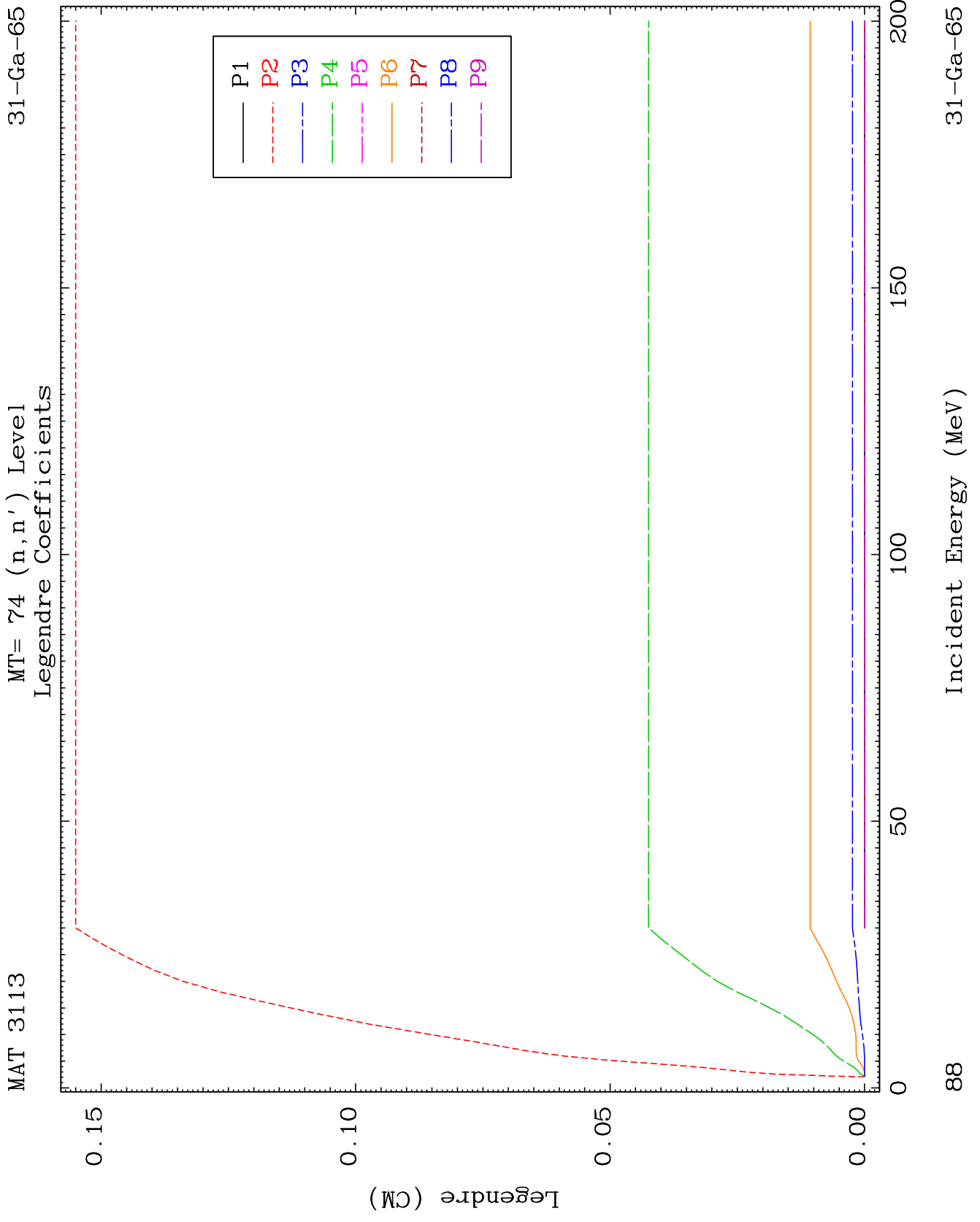
MT= 73 (n,n') Level
Legendre Coefficients

31-Ga-65





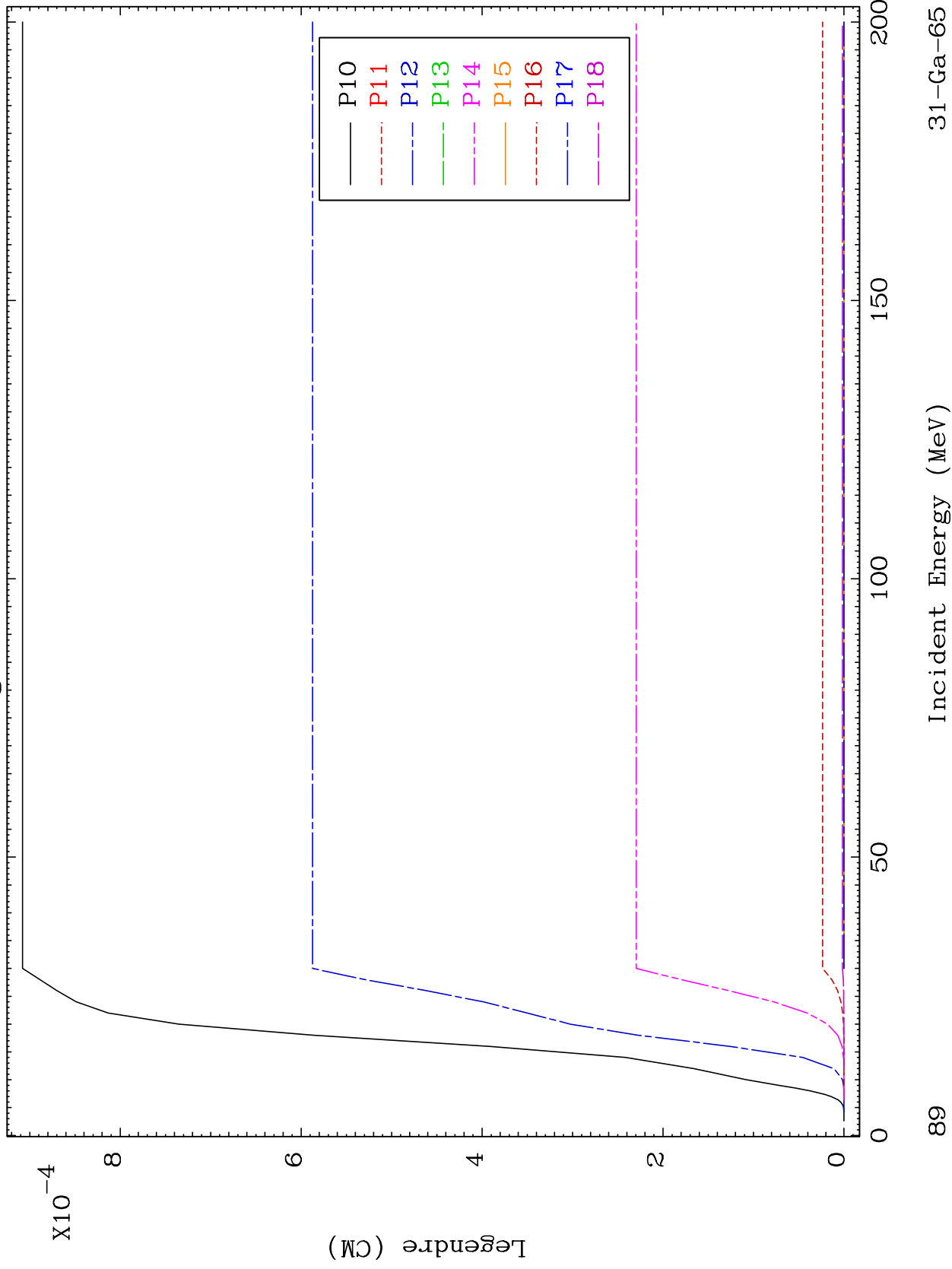




MAT 3113

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

31-Ga-65



89

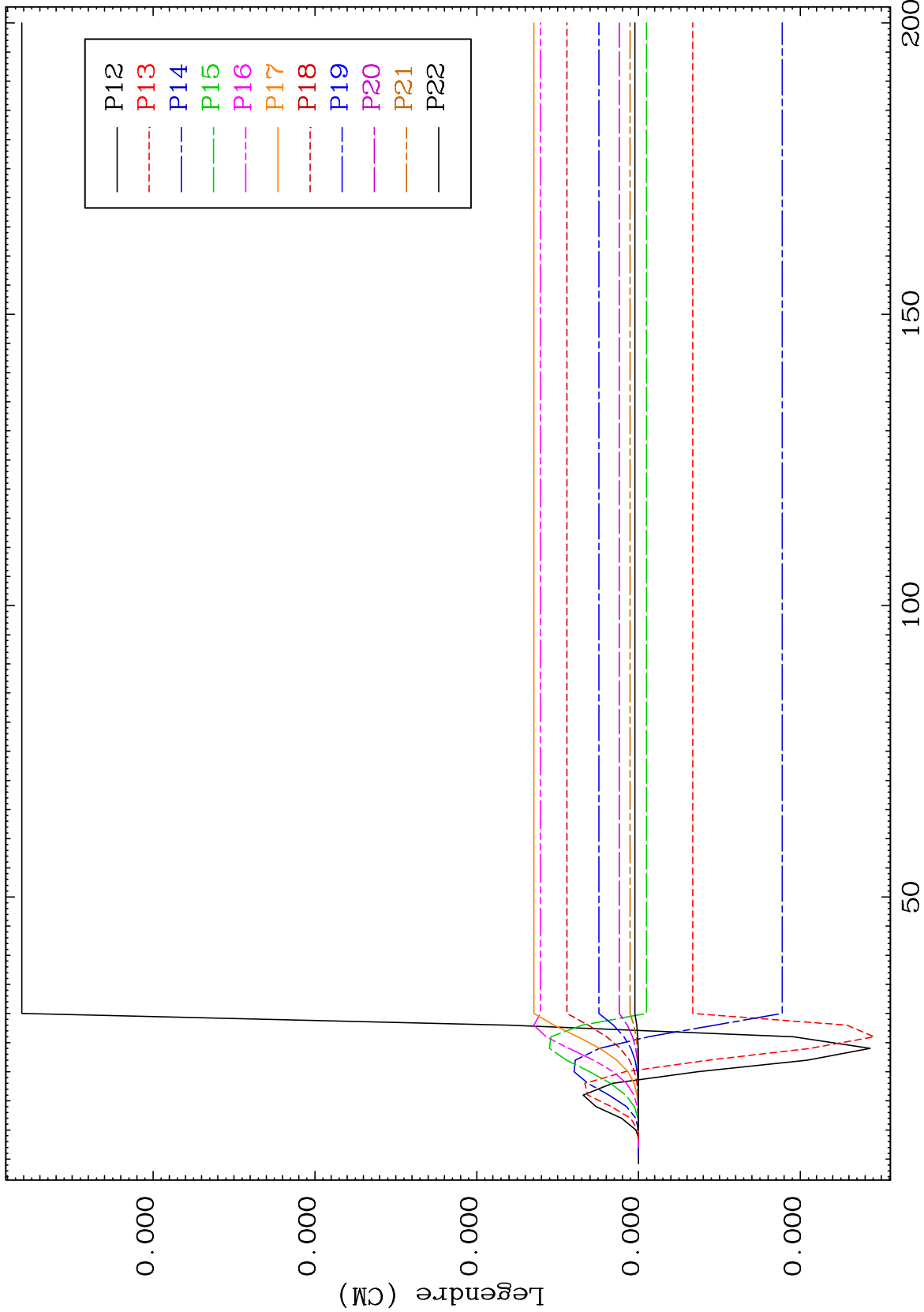
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

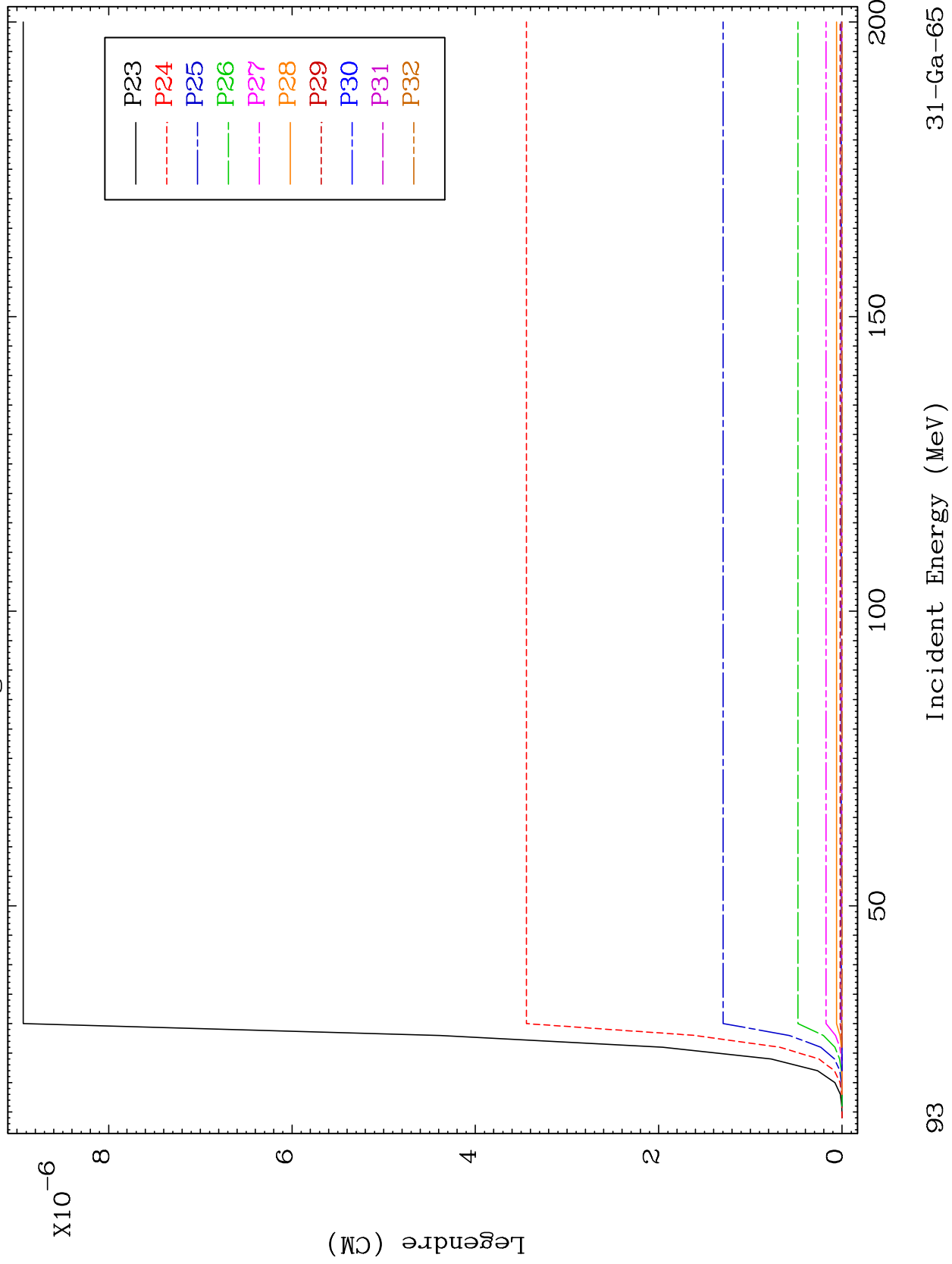
31-Ga-65



MAT 3113

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

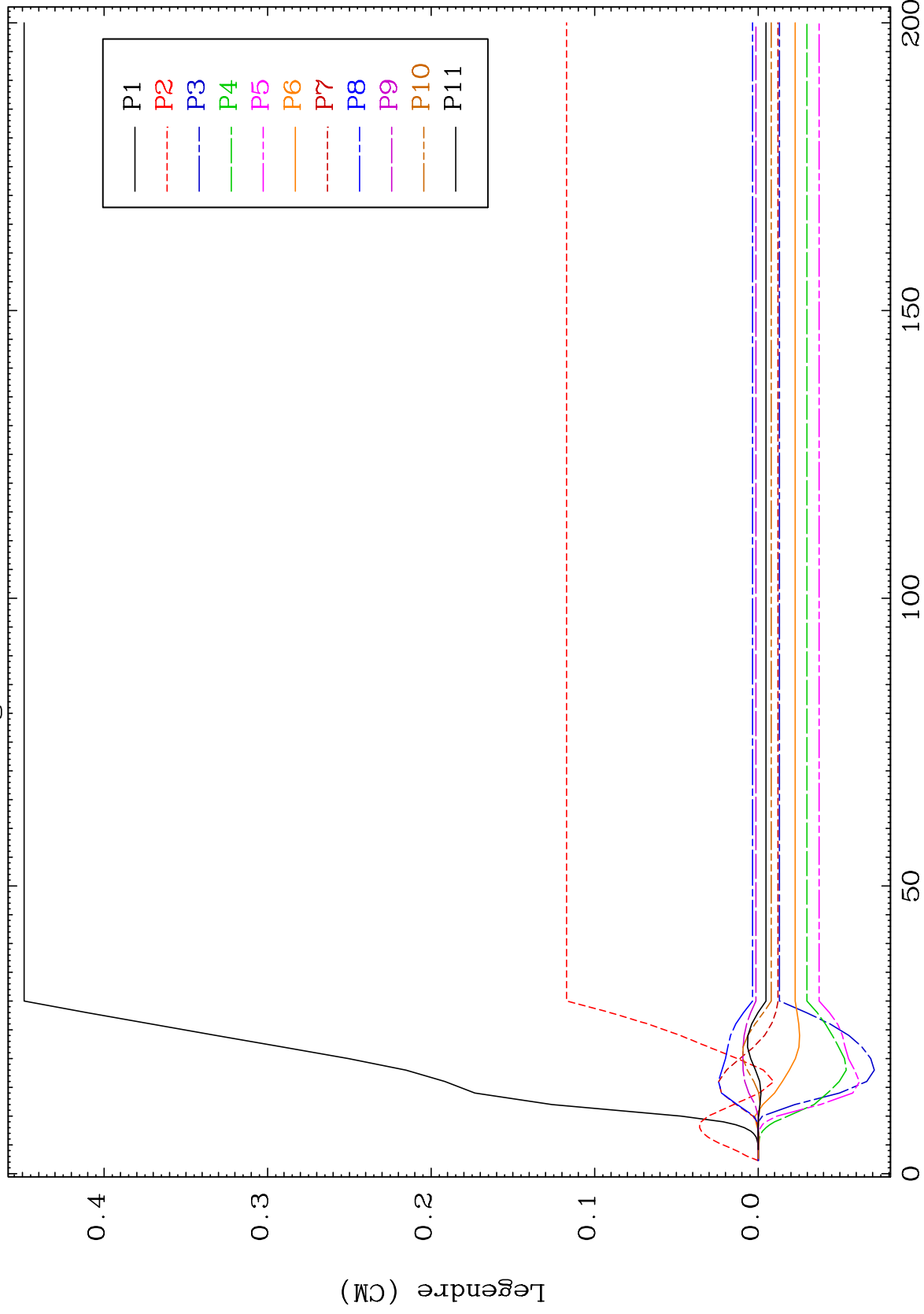
31-Ga-65

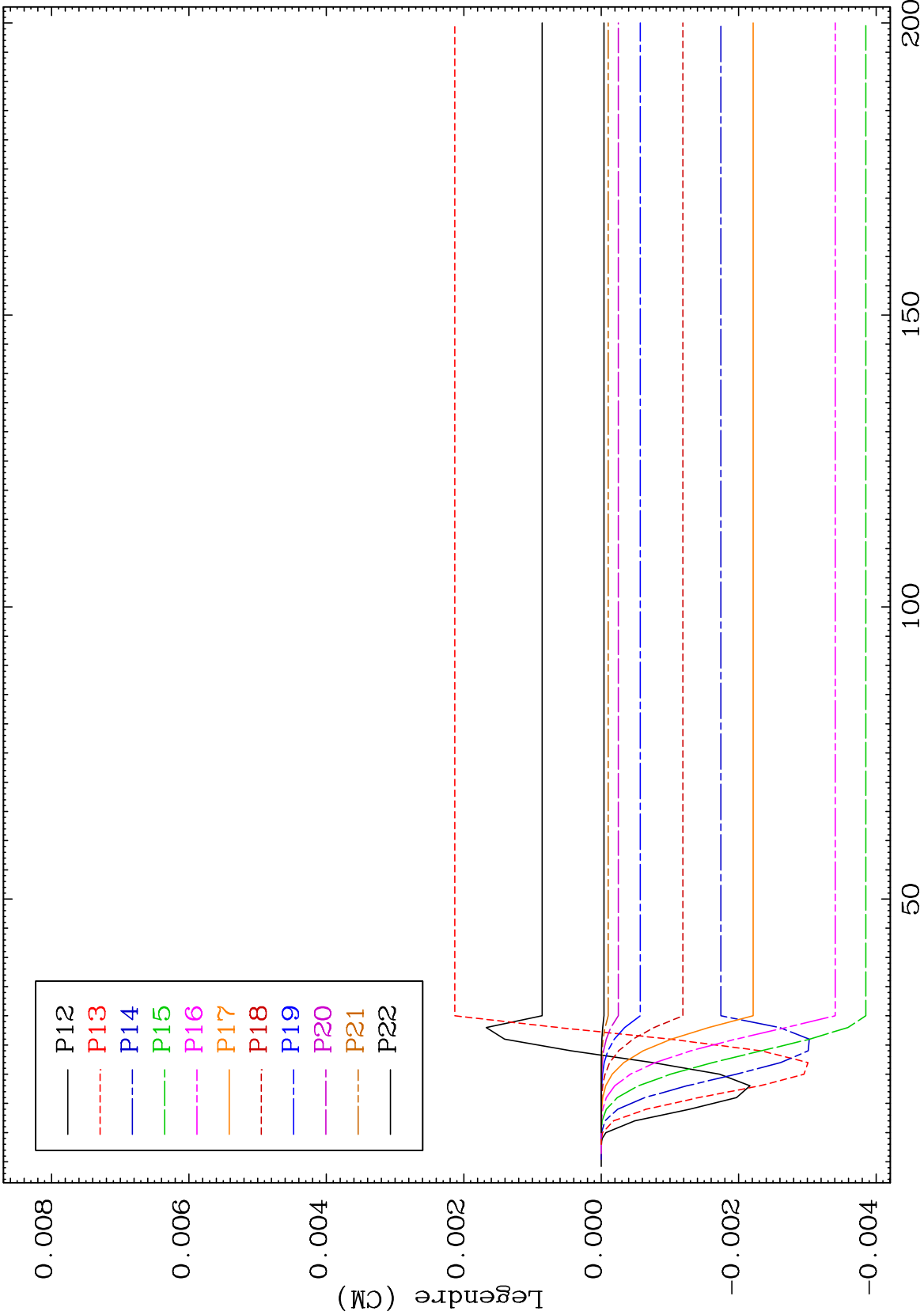


MAT 3113

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

31-Ga-65

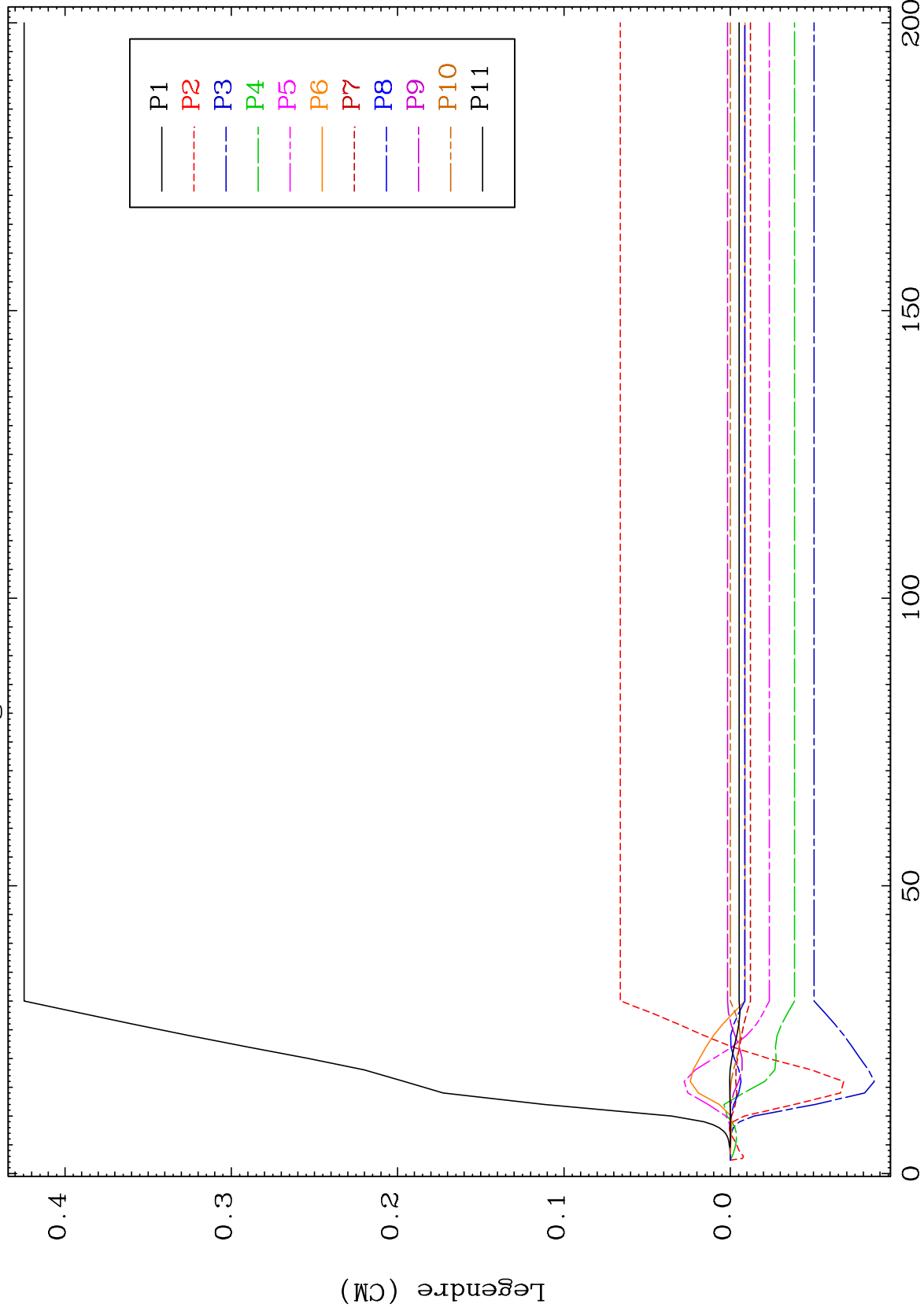




MAT 3113

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

31-Ga-65



97

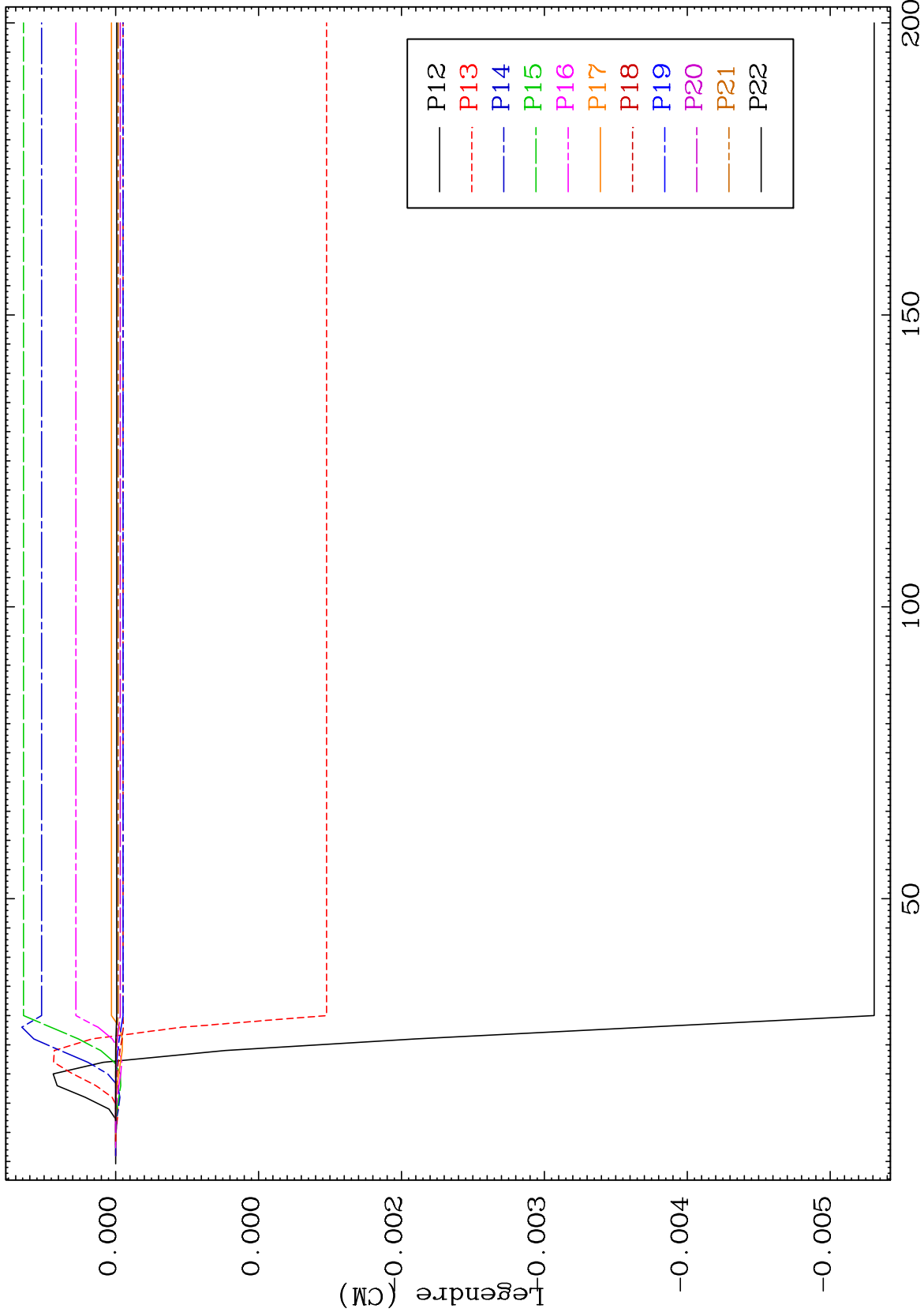
Incident Energy (MeV)

31-Ga-65

MAT 3113

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

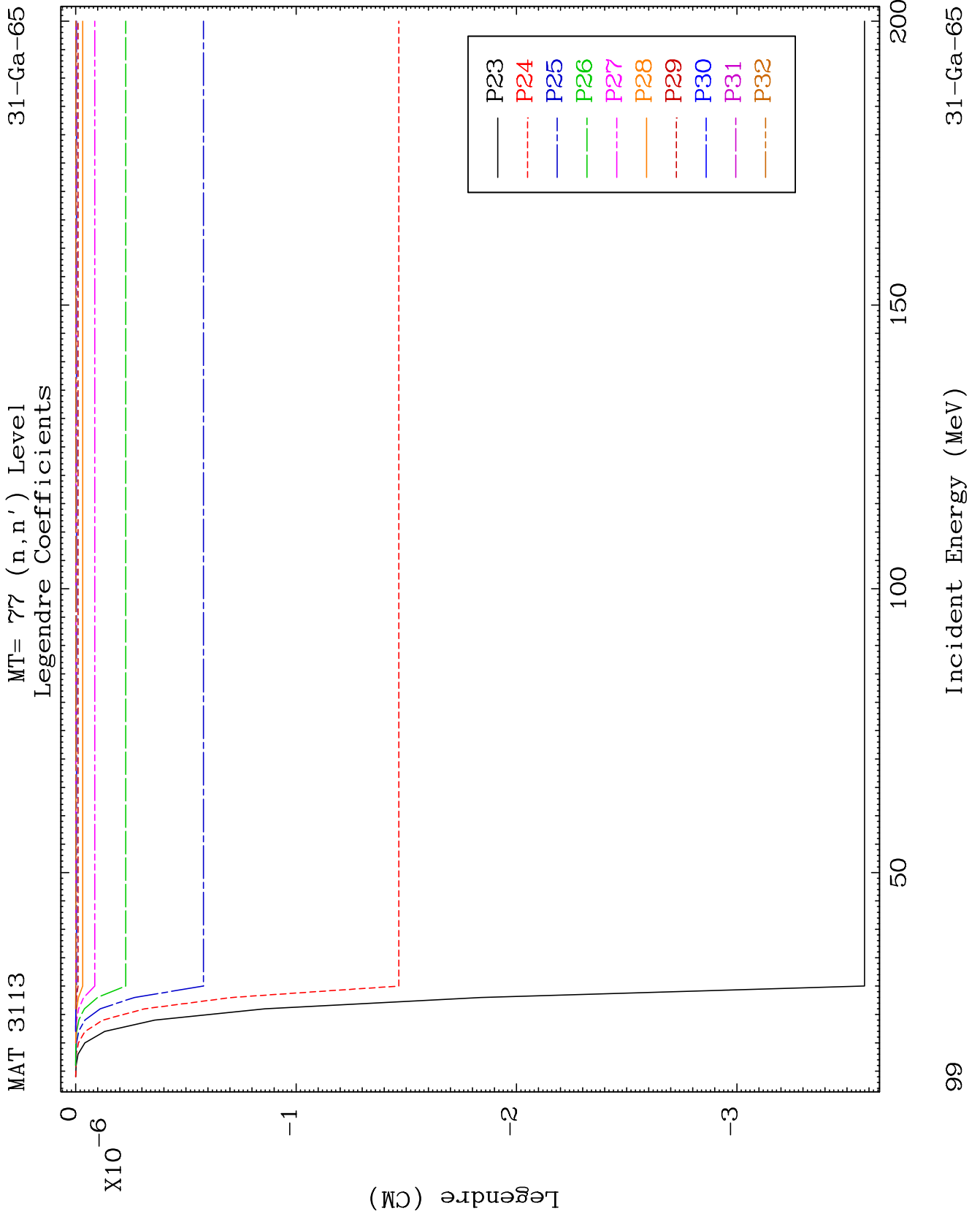
31-Ga-65



98

Incident Energy (MeV)

31-Ga-65

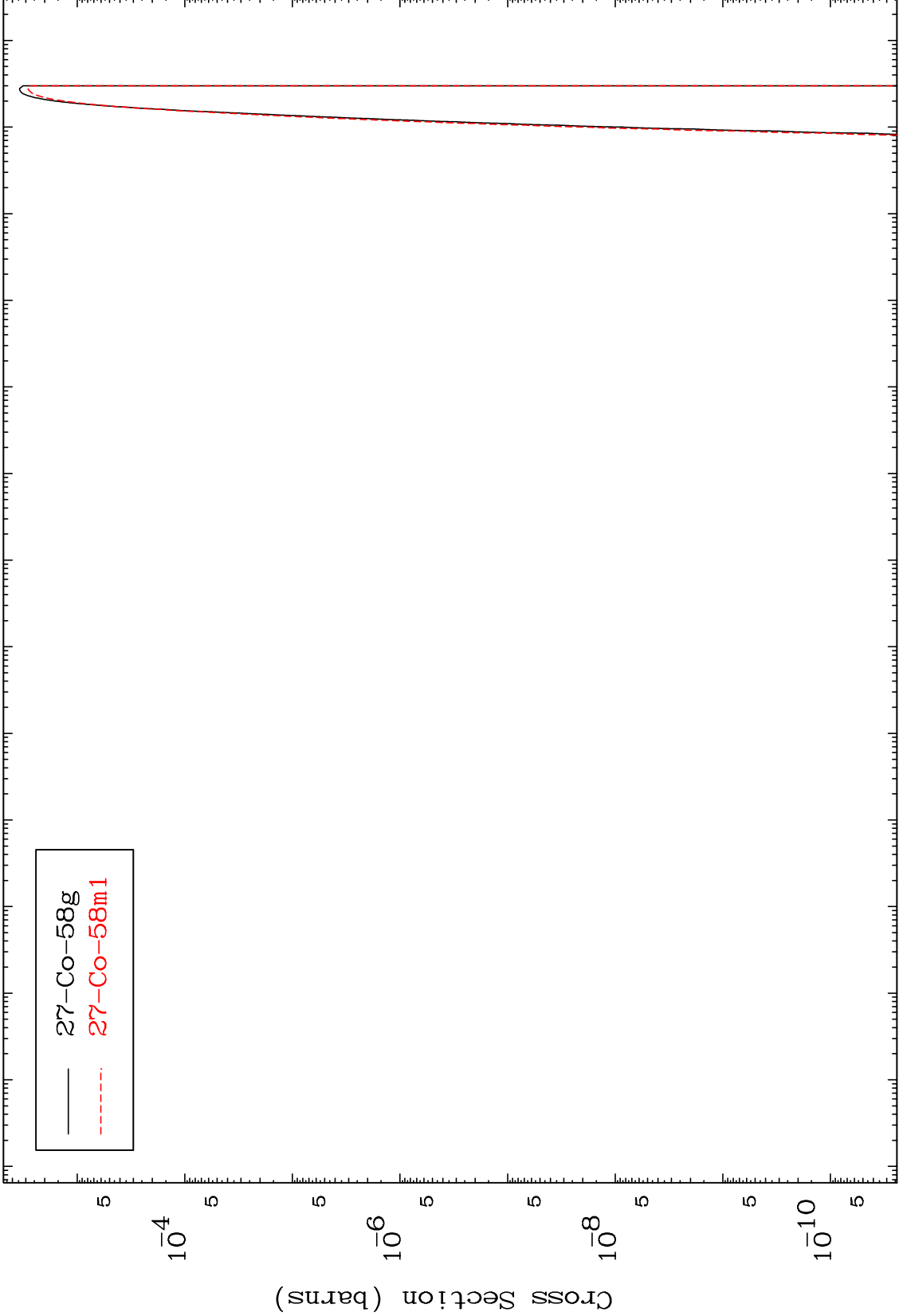
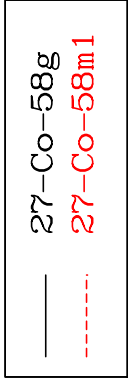


MAT 3113

(n,2α)

31-Ga-65

Radionuclide Production Cross Section



100

Incident Energy (MeV)

31-Ga-65