

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

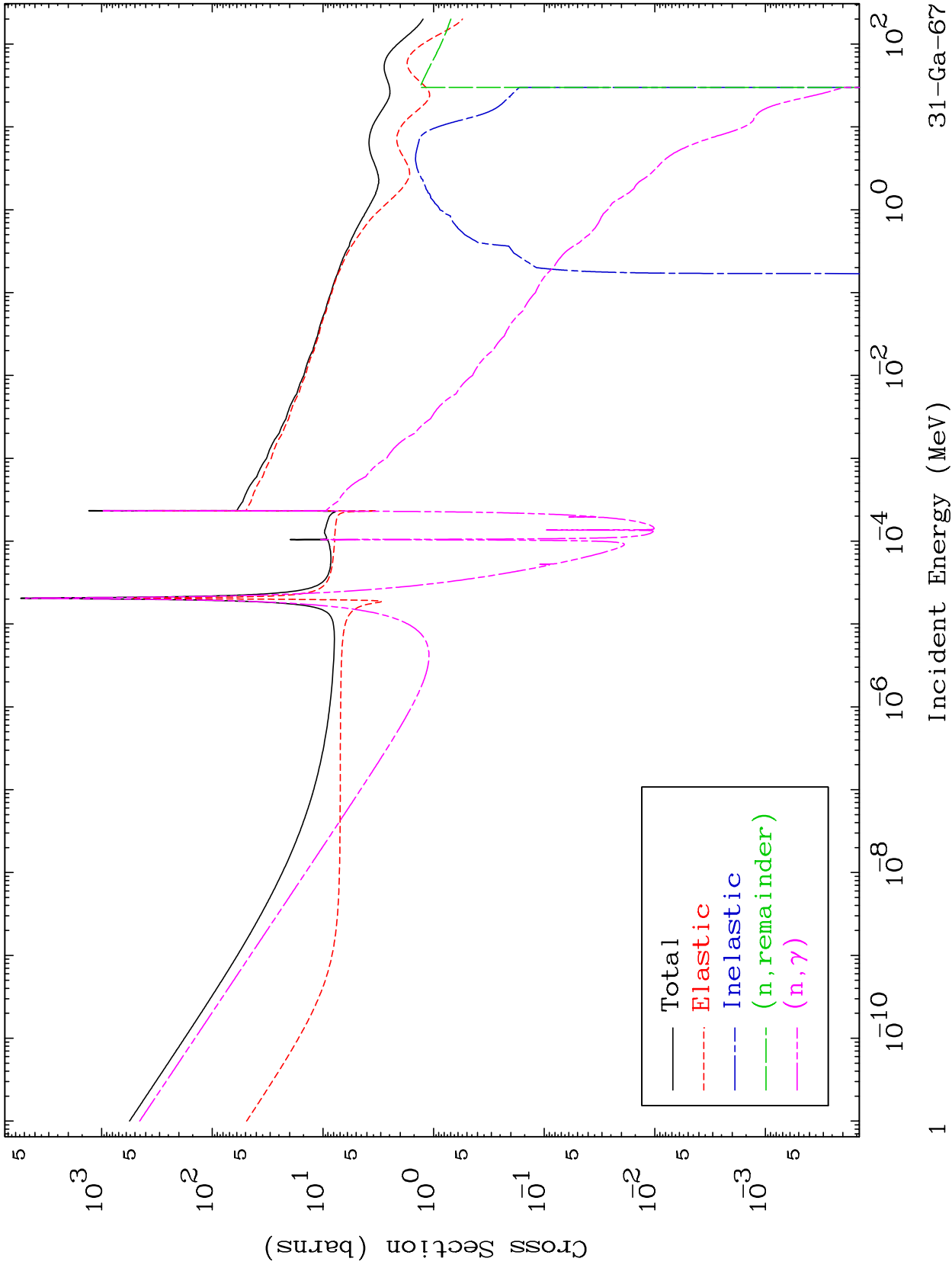
Press Mouse Button to Start

MAT 3119

Major

293 Kelvin Cross Sections

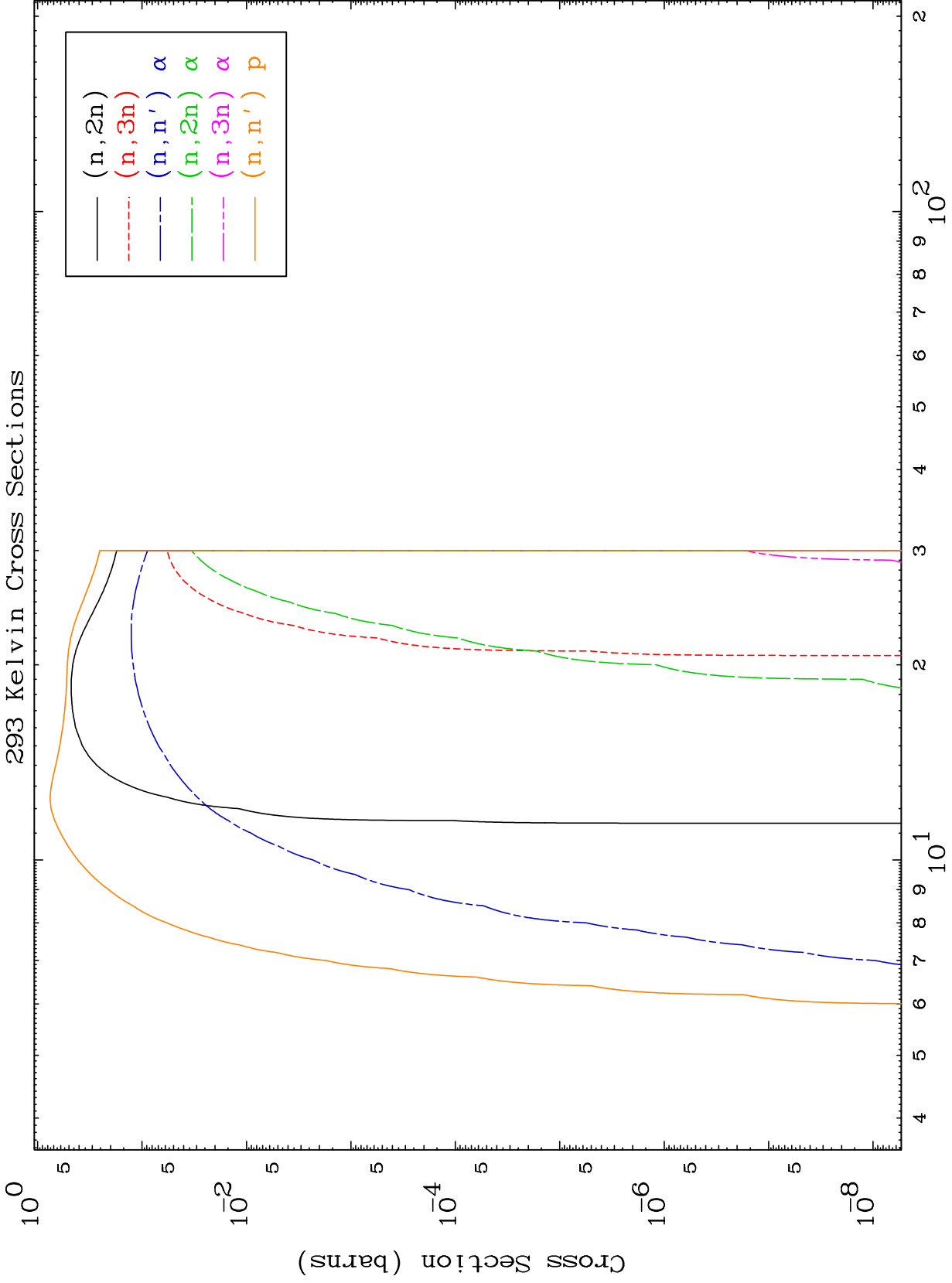
31-Ga-67



MAT 3119

Neutron Production
293 Kelvin Cross Sections

31-Ga-67



2

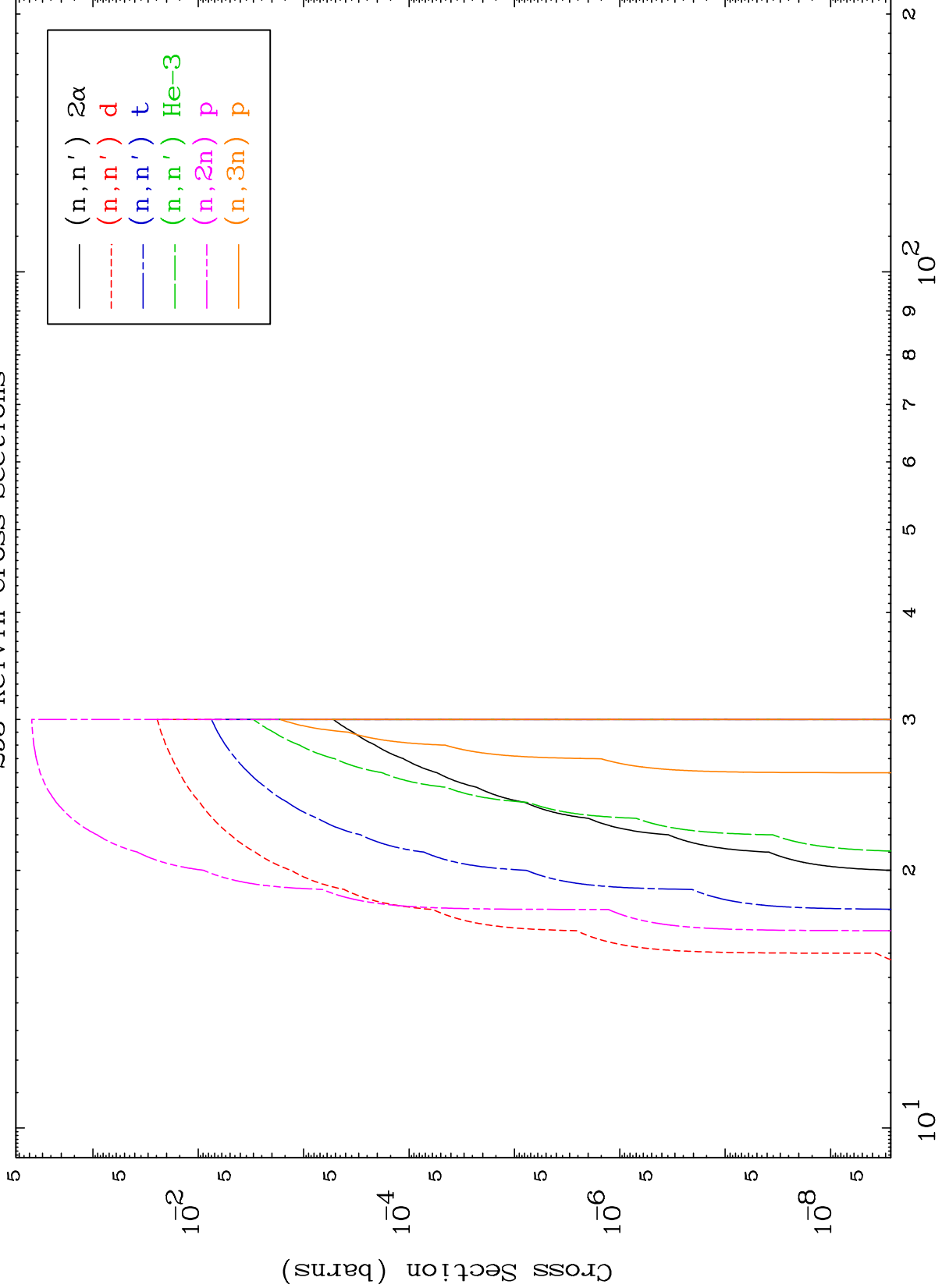
Incident Energy (MeV)

31-Ga-67

MAT 3119

Neutron Production
293 Kelvin Cross Sections

31-Ga-67



31-Ga-67

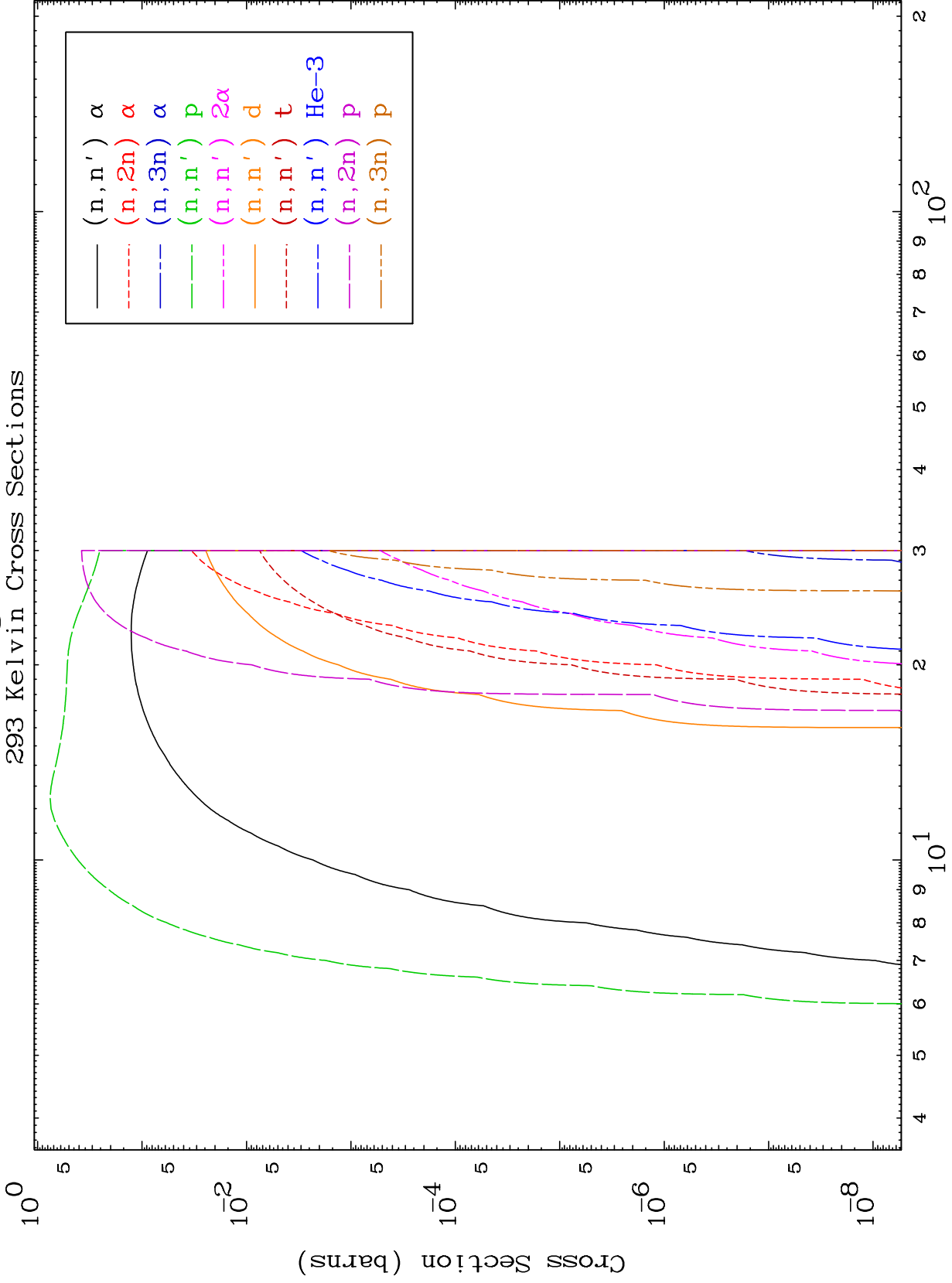
Incident Energy (MeV)

3

MAT 3119

Charged Particle
293 Kelvin Cross Sections

31-Ga-67



4

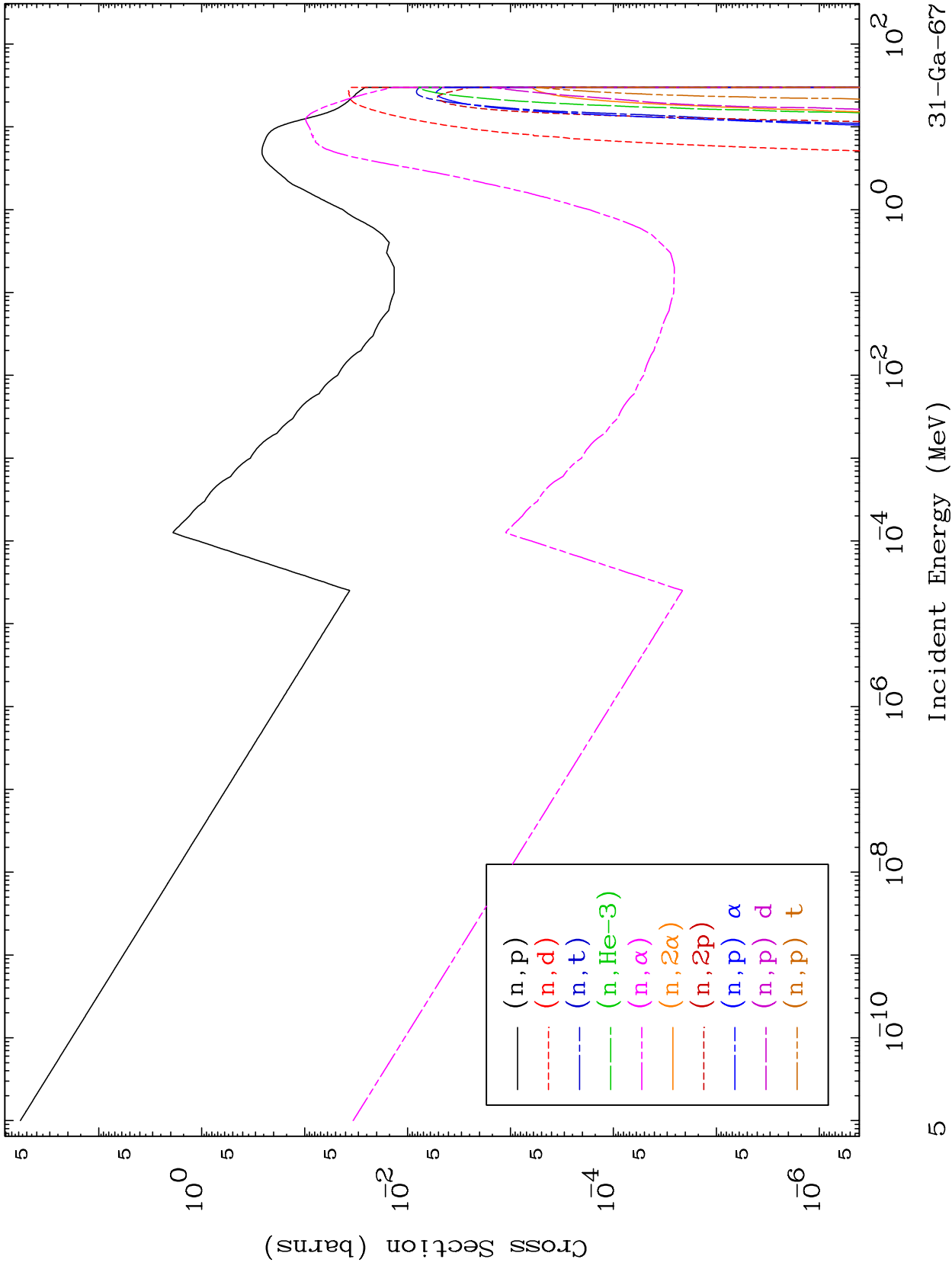
Incident Energy (MeV)

31-Ga-67

MAT 3119

Charged Particle
293 Kelvin Cross Sections

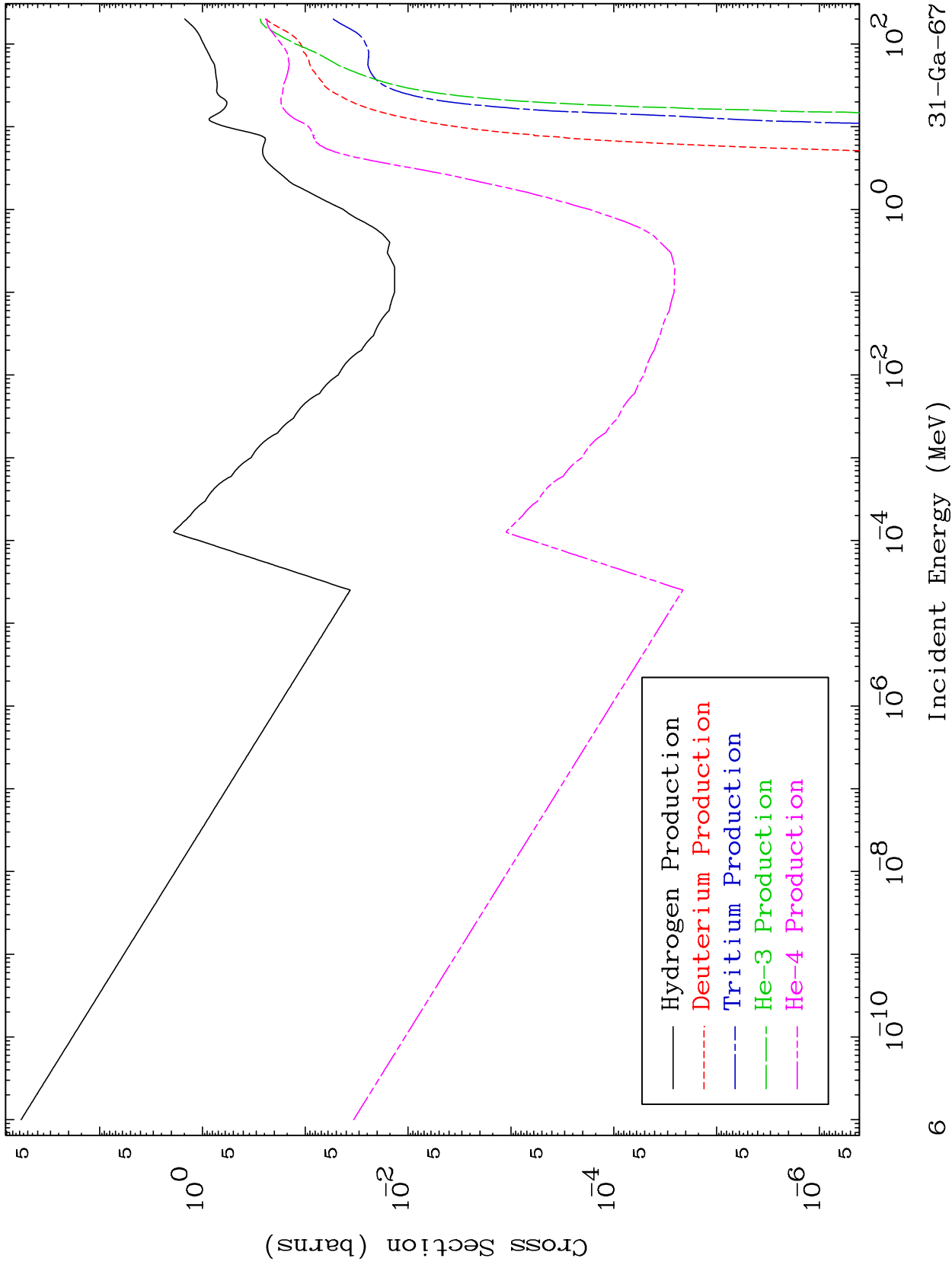
31-Ga-67



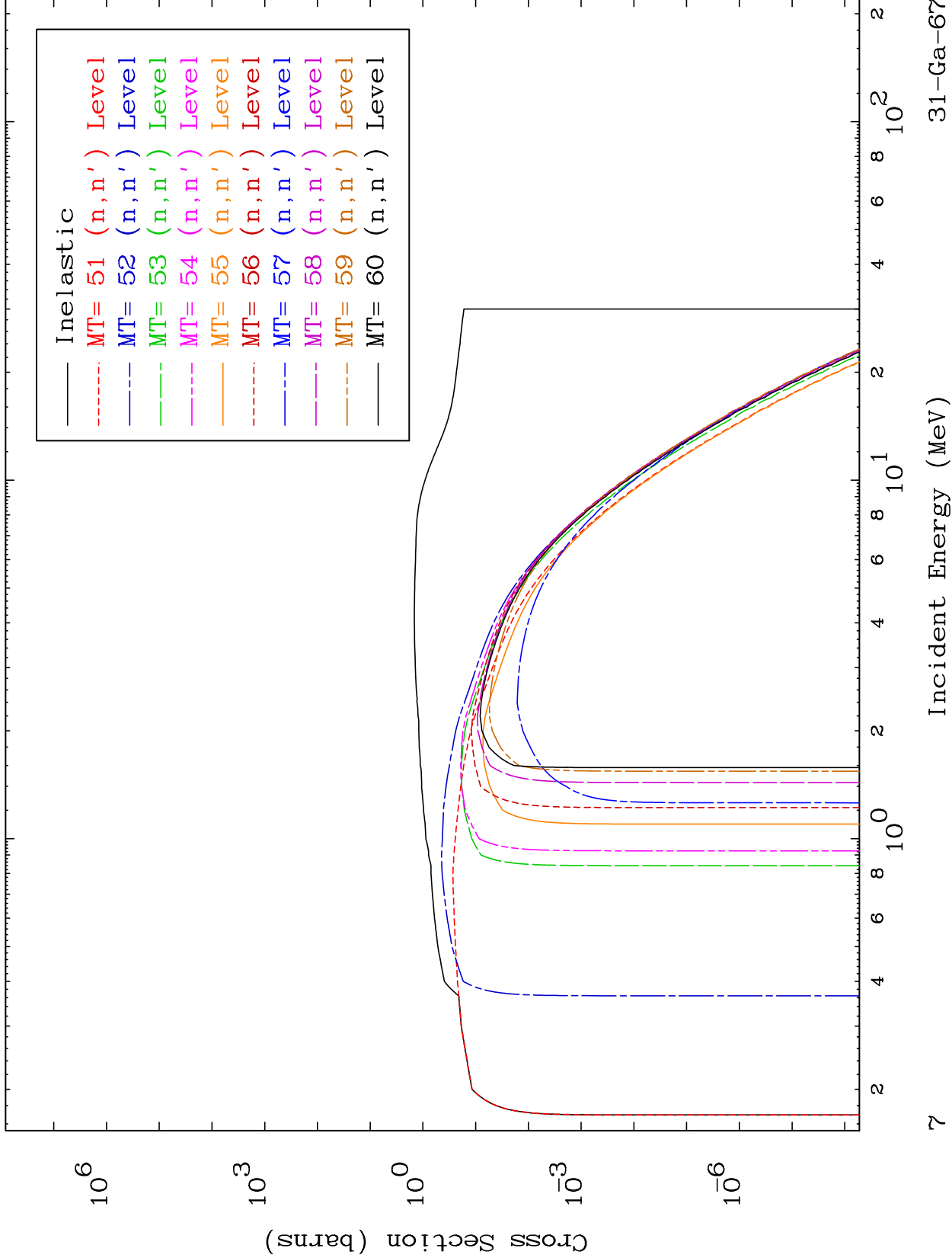
MAT 3119

Particle Production
293 Kelvin Cross Sections

31-Ga-67



293 Kelvin Cross Sections

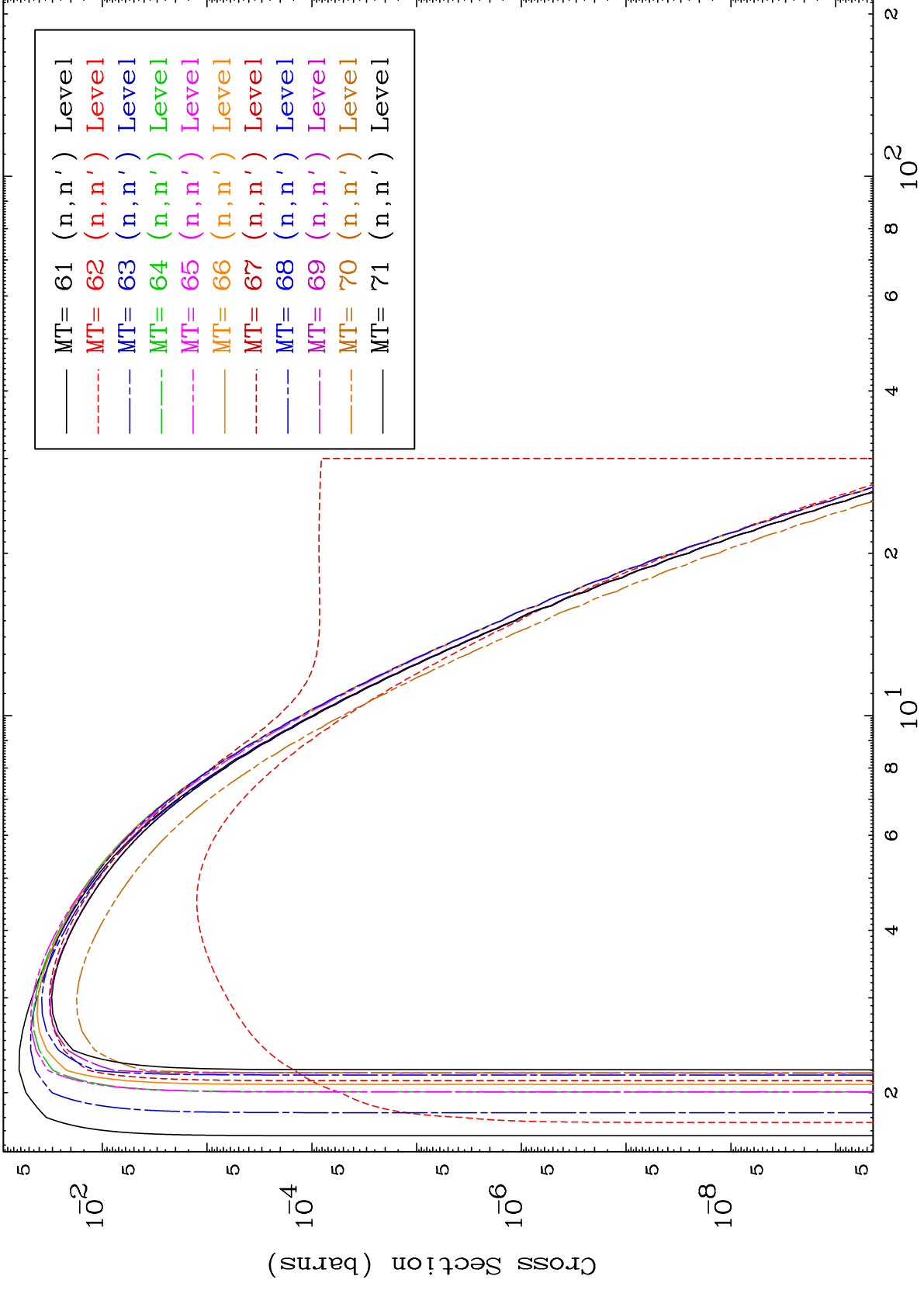


MAT 3119

(n,n') Level

31-Ga-67

293 Kelvin Cross Sections

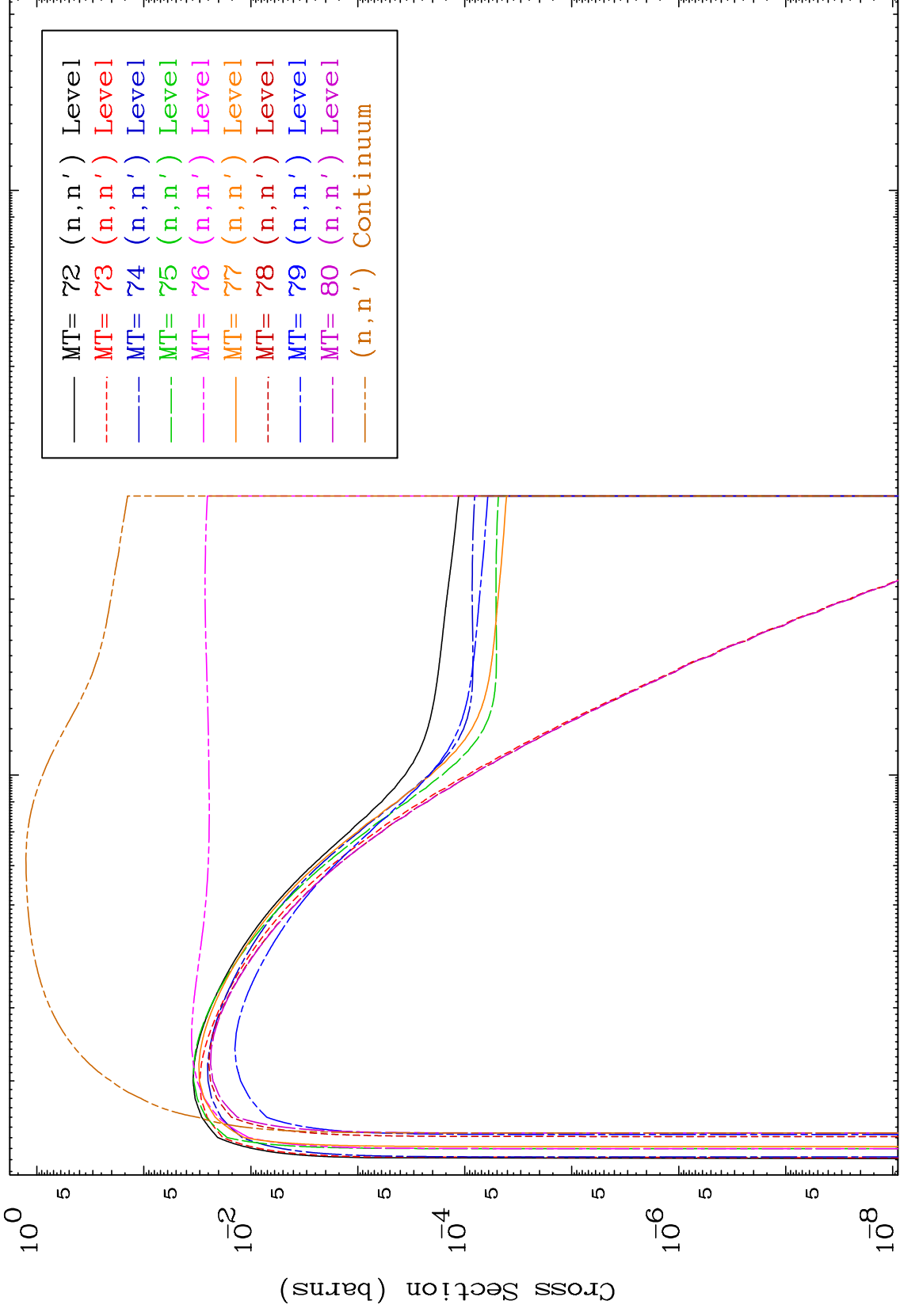


8

Incident Energy (MeV)

31-Ga-67

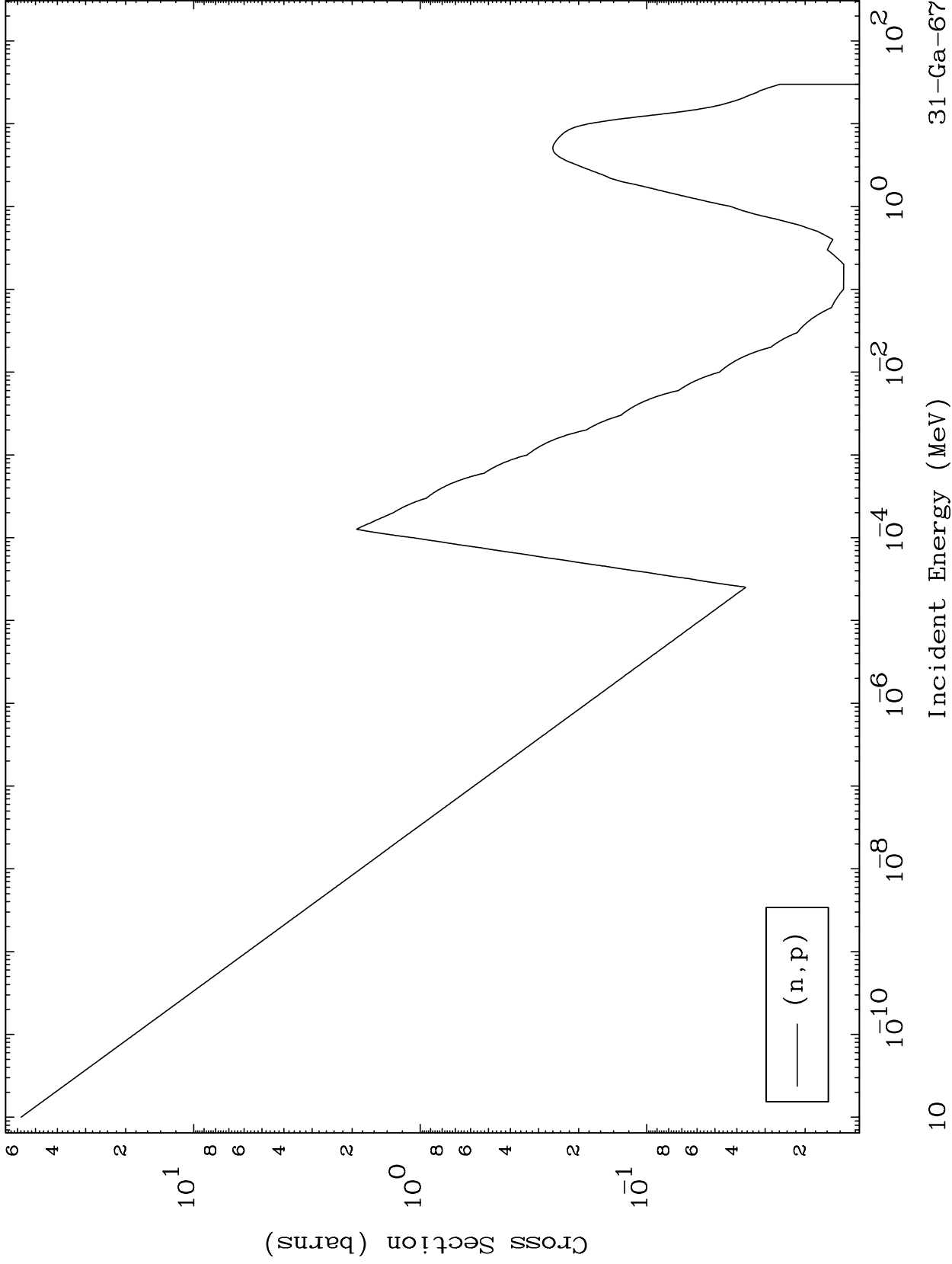
293 Kelvin Cross Sections



MAT 3119

(n,p) Levels
293 Kelvin Cross Sections

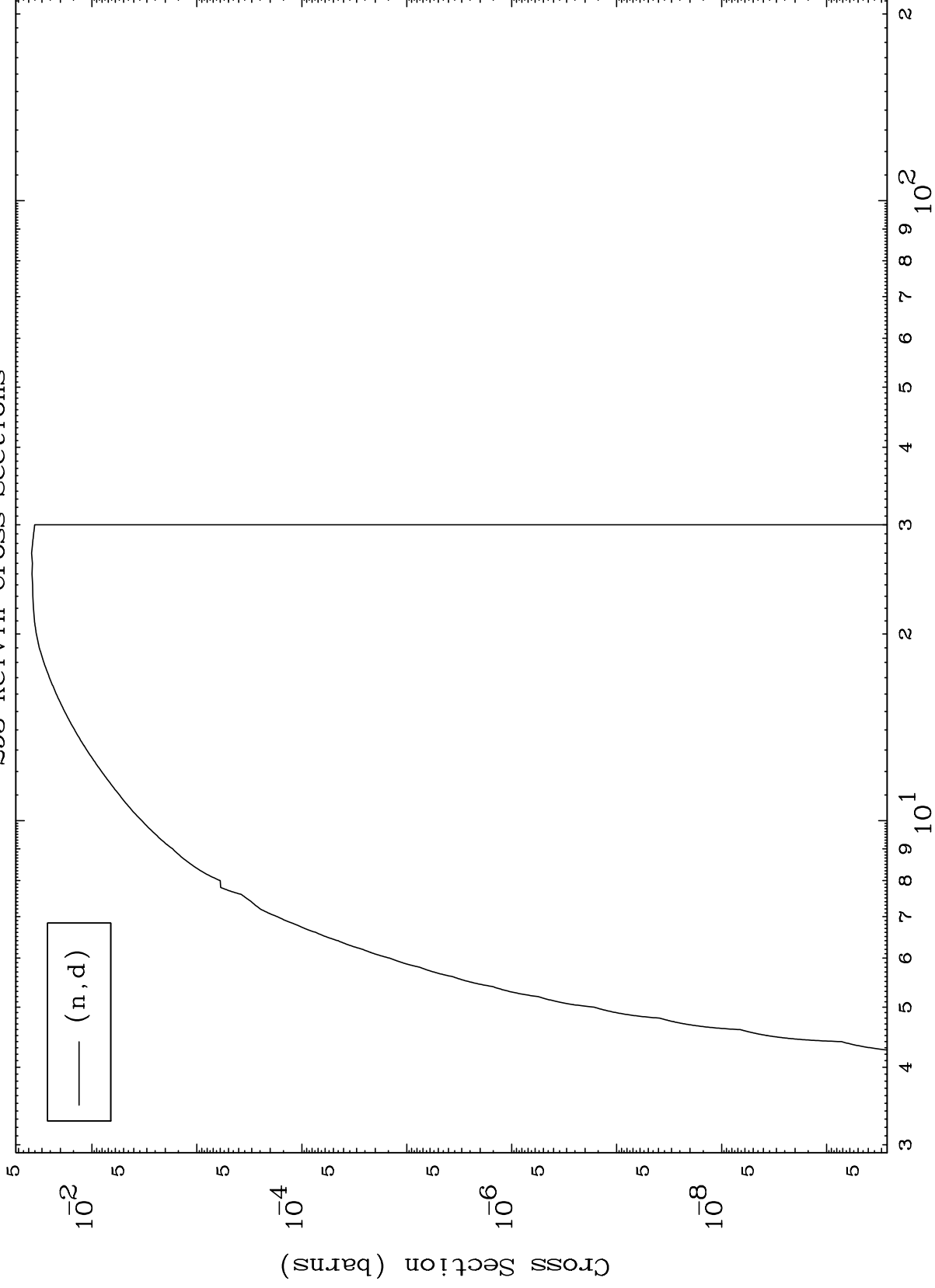
31-Ga-67



MAT 3119

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-67



(n,d)

Incident Energy (MeV)

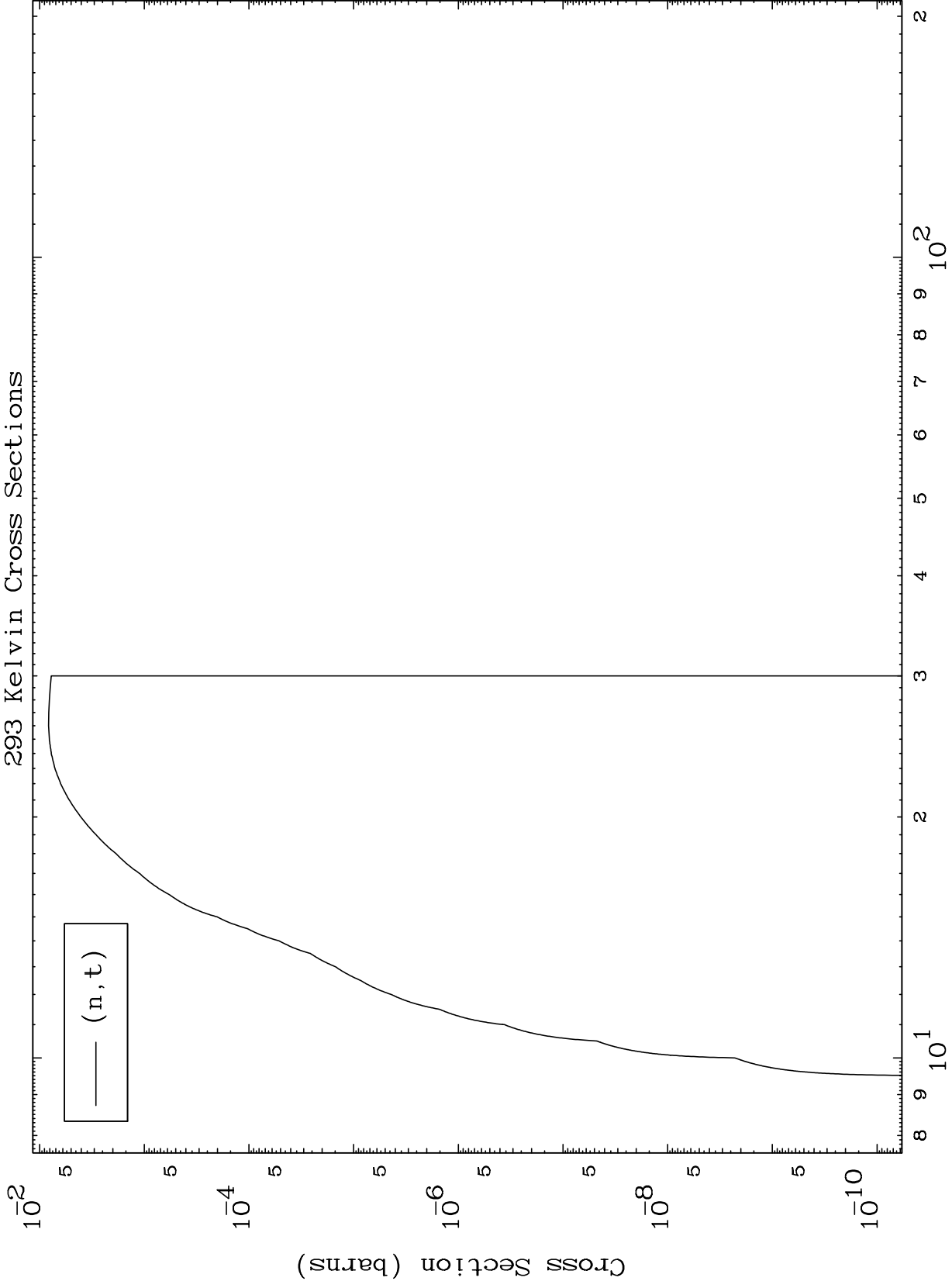
31-Ga-67

11

MAT 3119

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-67



12

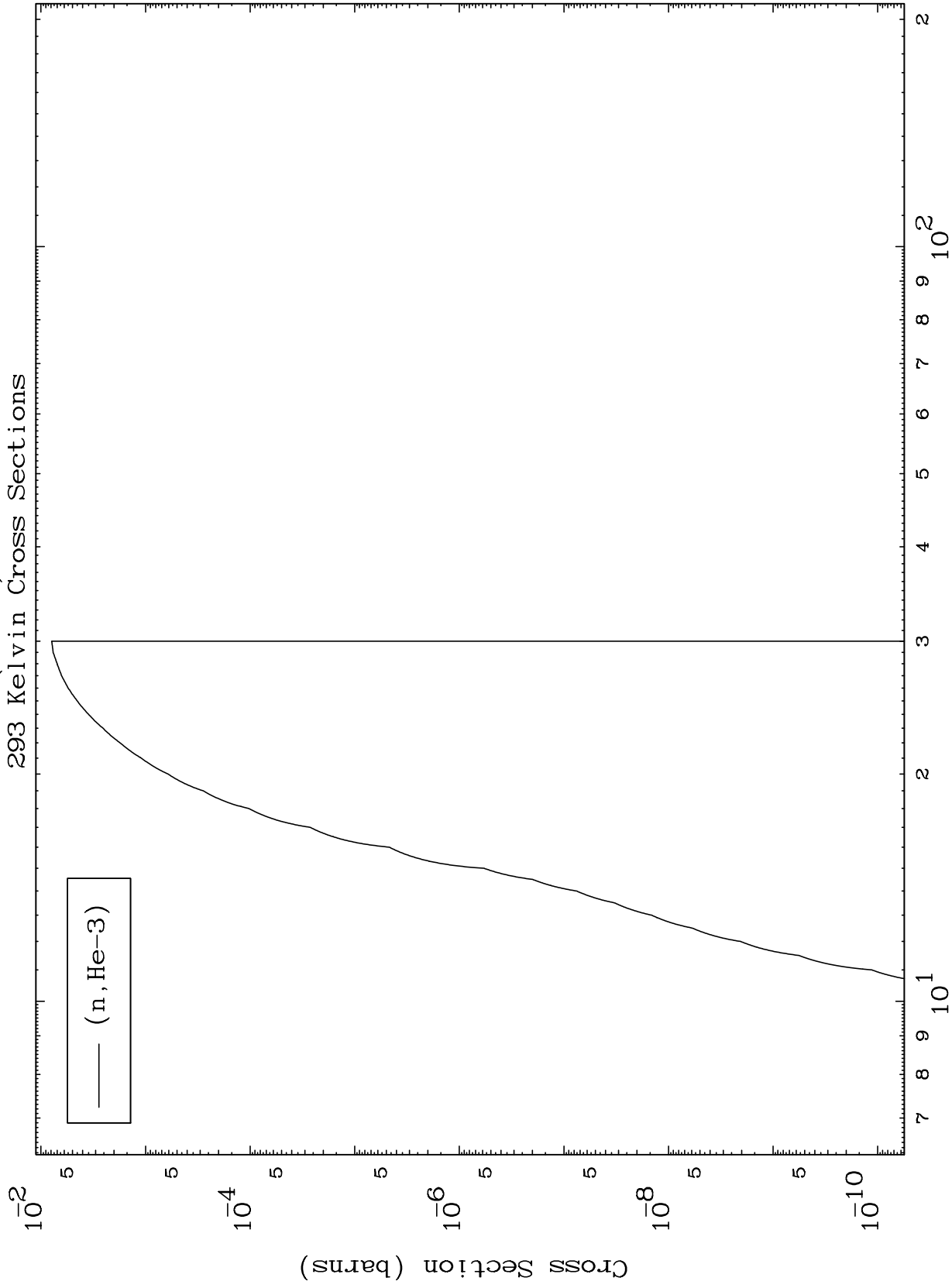
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-67



13

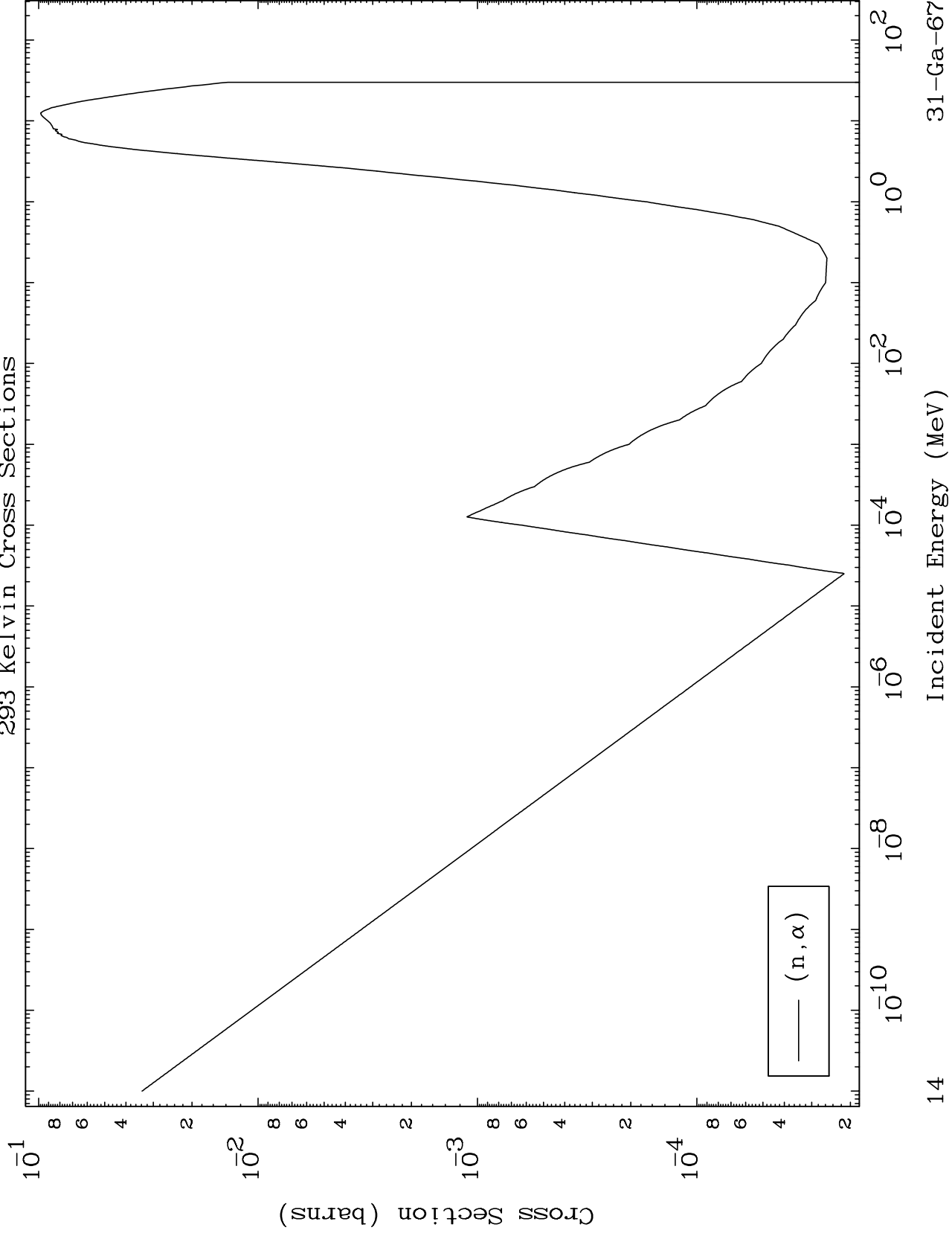
Incident Energy (MeV)

31-Ga-67

MAT 3119

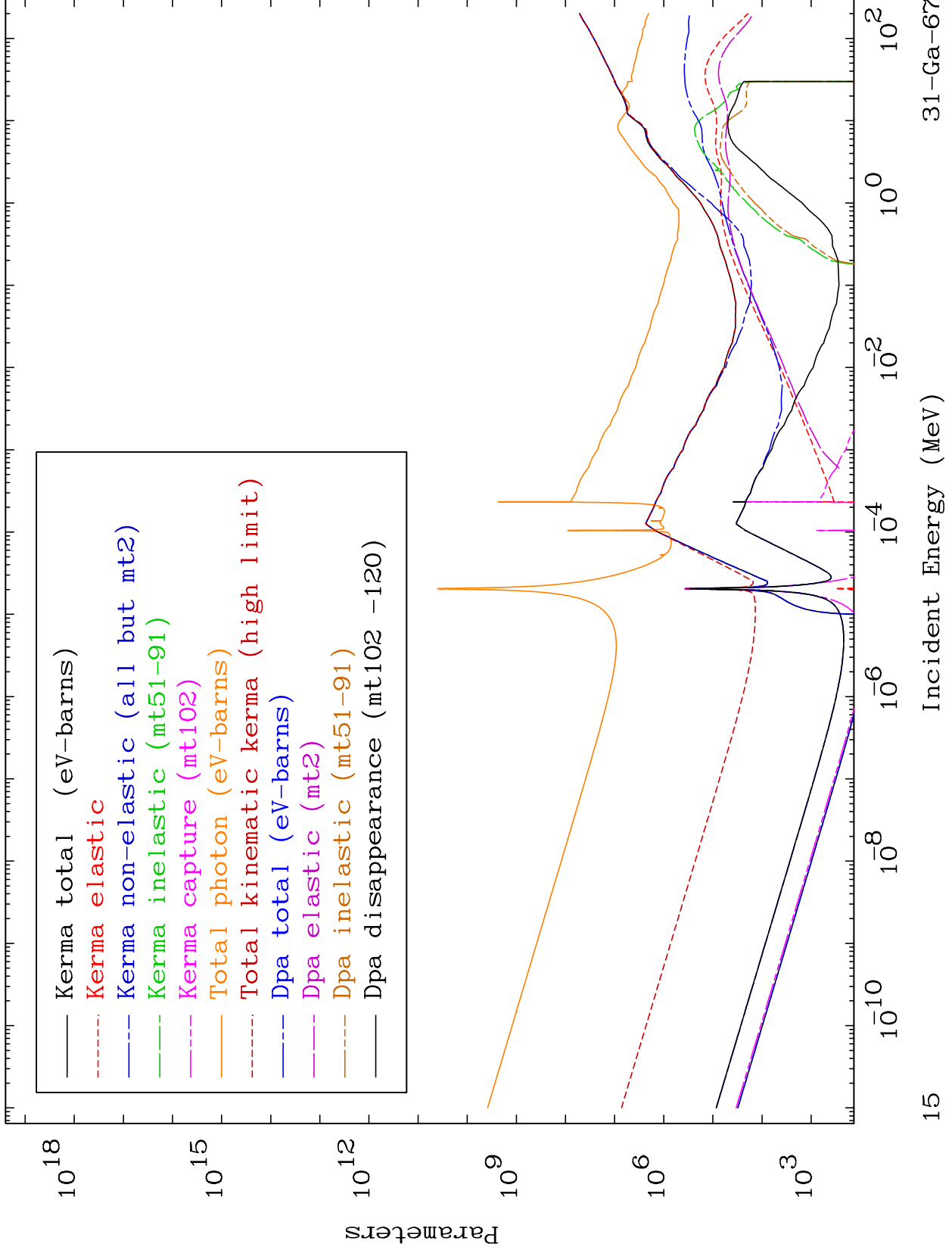
(n, α) Levels
293 Kelvin Cross Sections

31-Ga-67



14

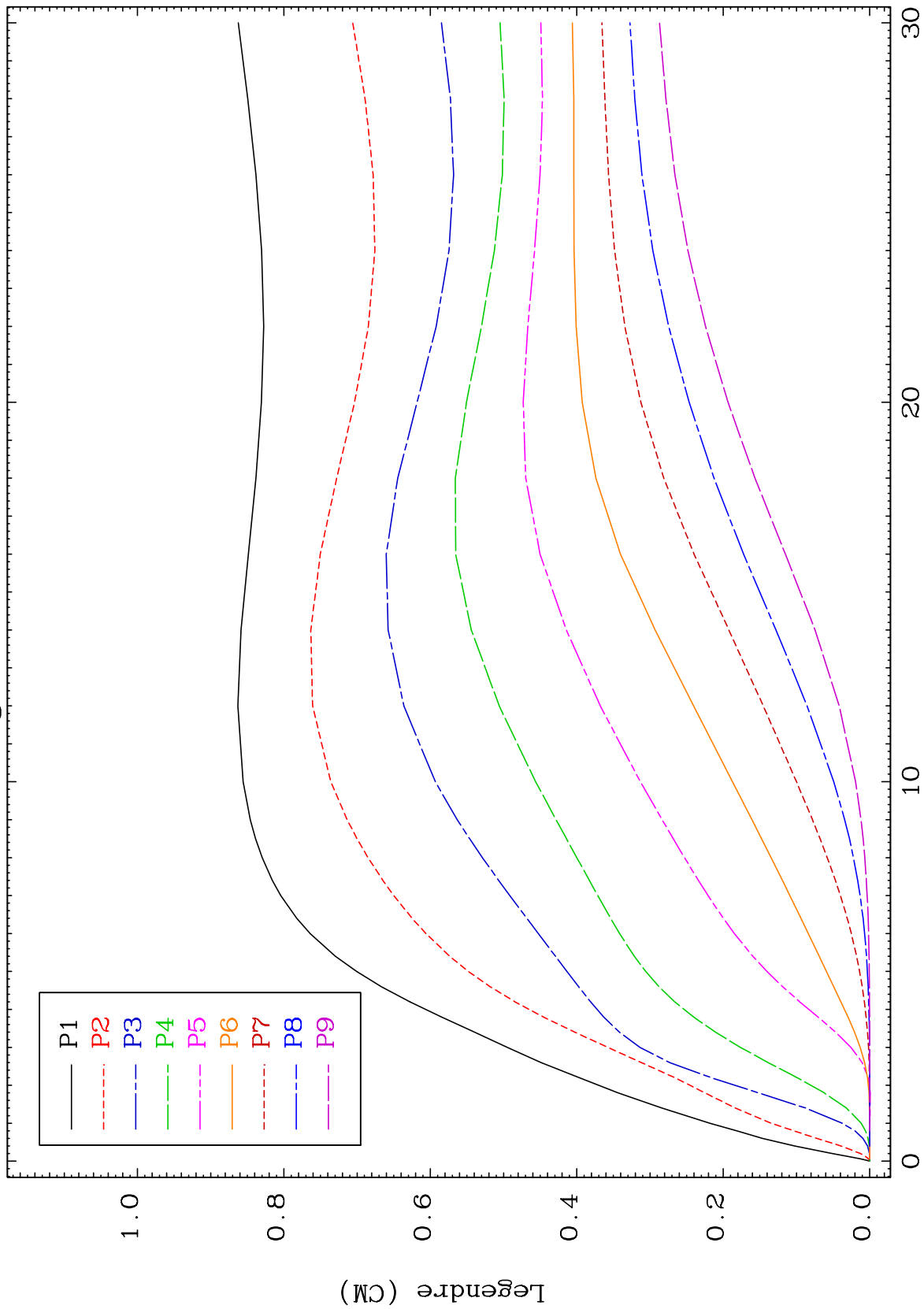
31-Ga-67



MAT 3119

Elastic Legendre Coefficients

31-Ga-67



16

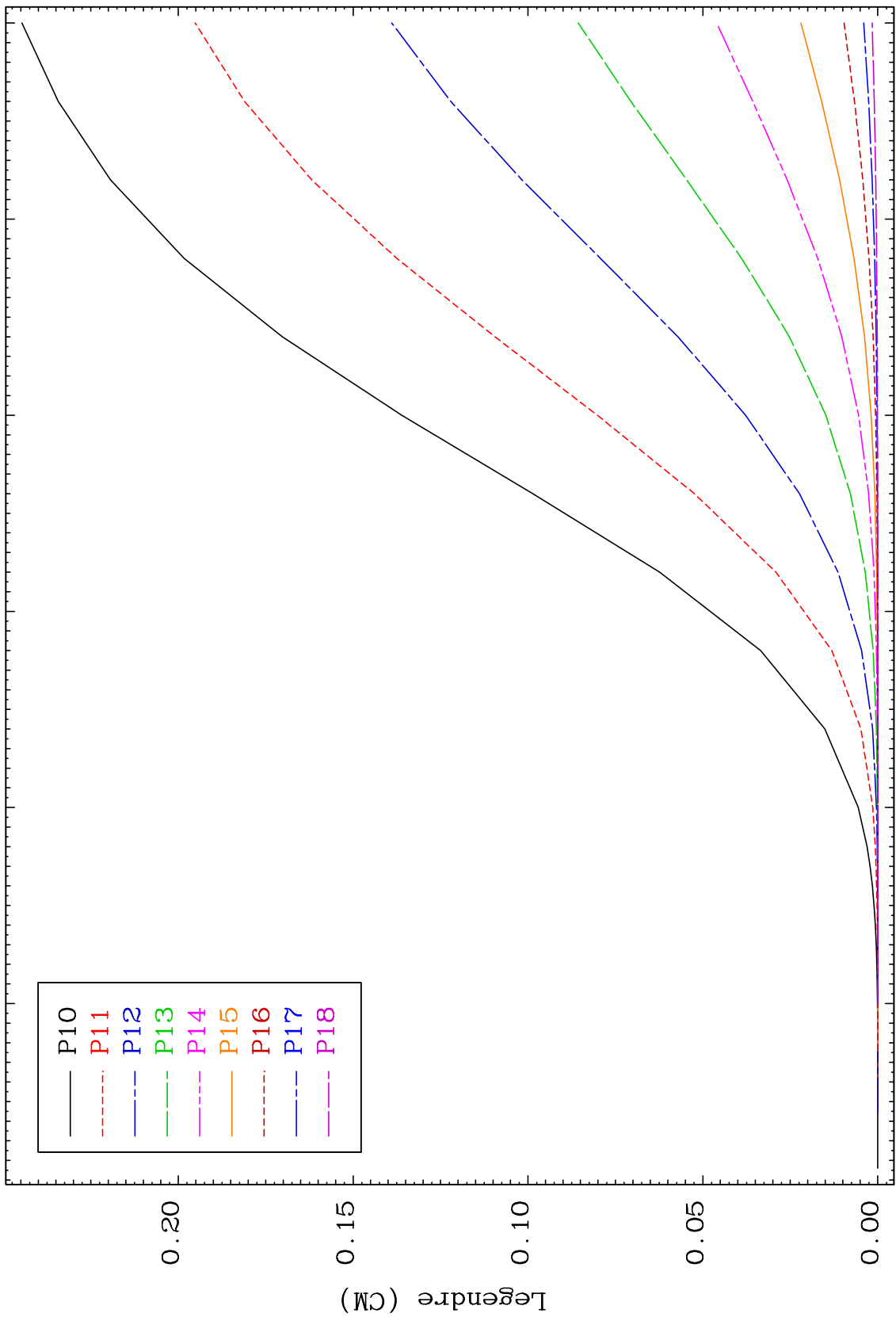
Incident Energy (MeV)

31-Ga-67

MAT 3119

Elastic Legendre Coefficients

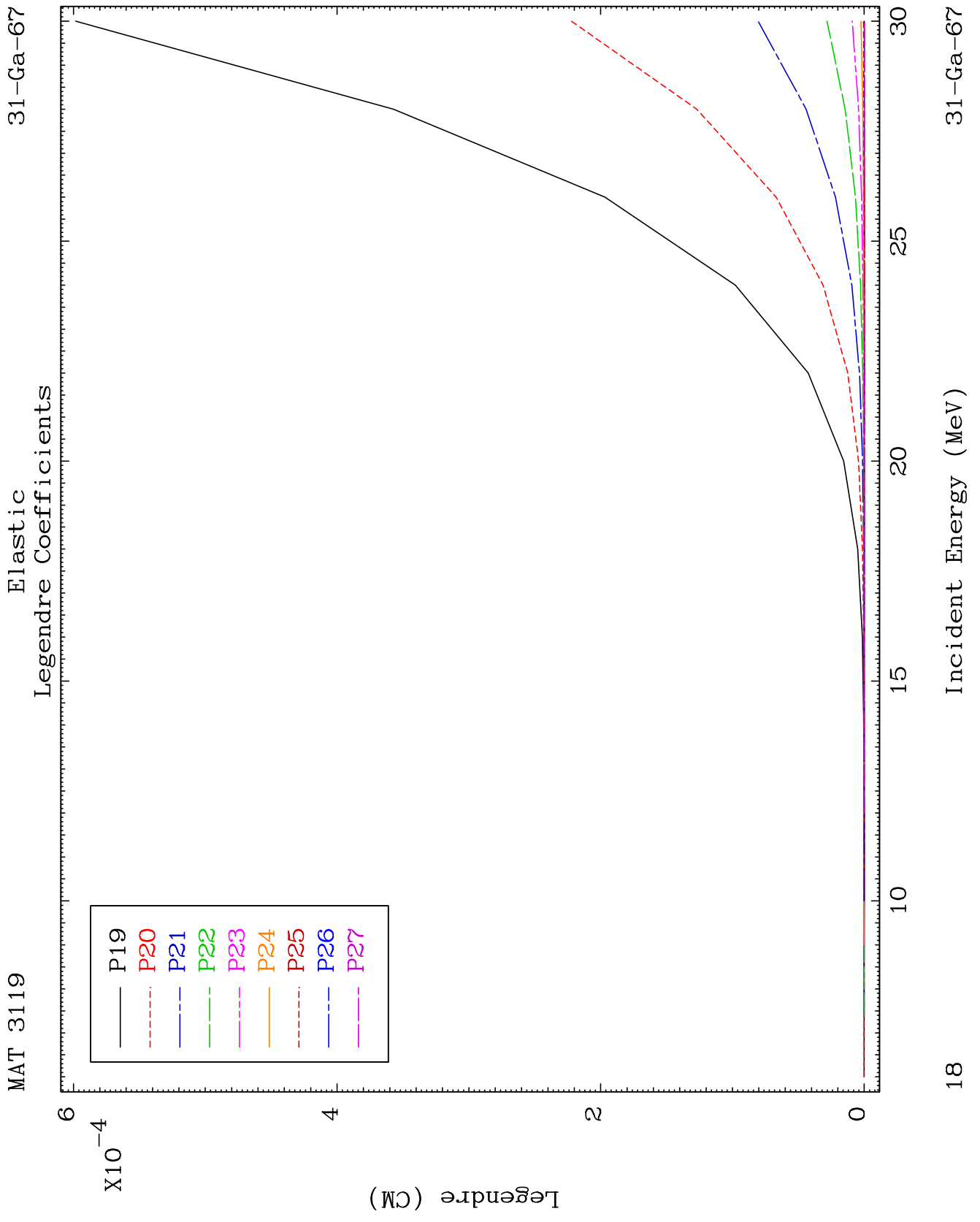
31-Ga-67



17

Incident Energy (MeV)

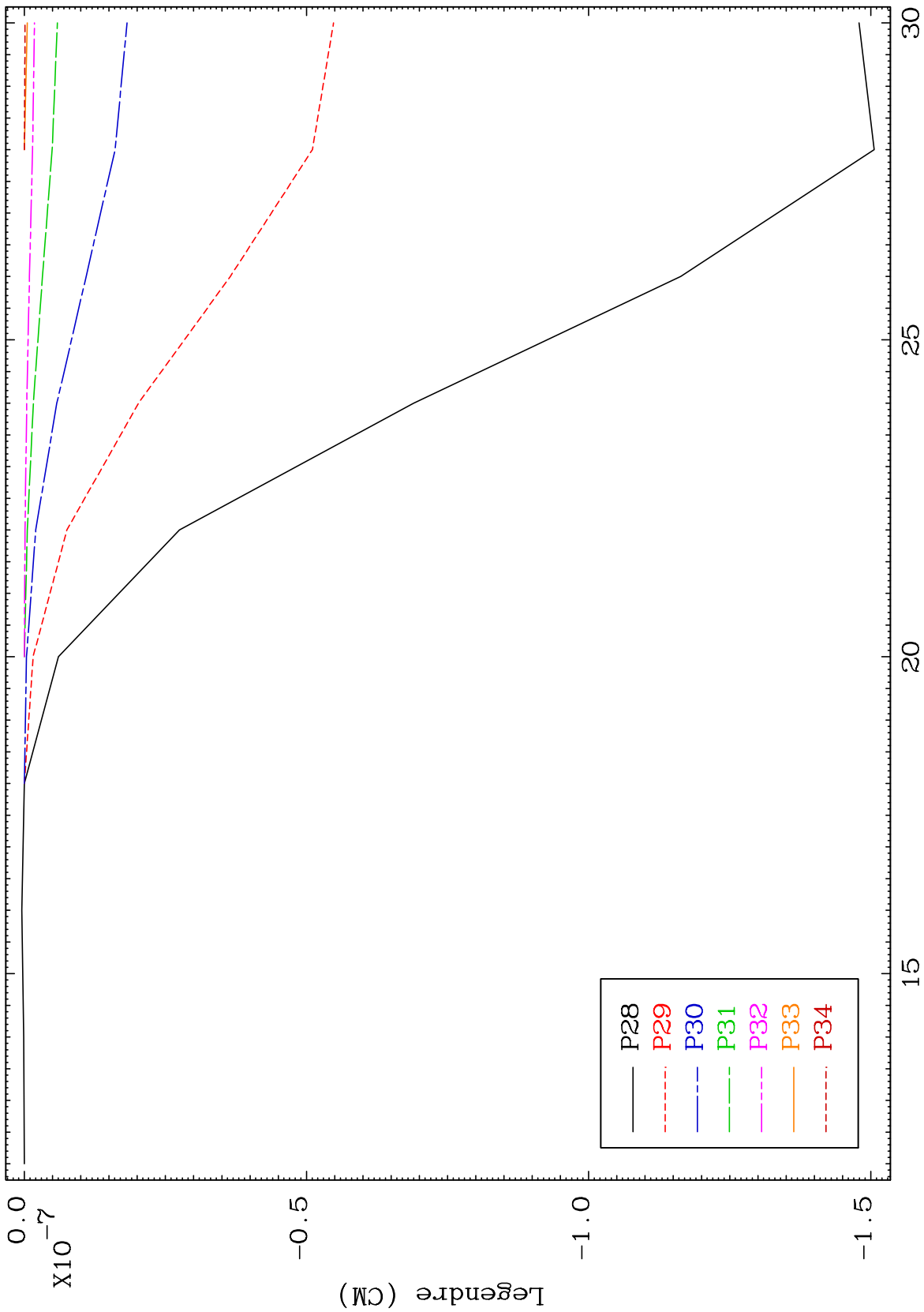
31-Ga-67



MAT 3119

31-Ga-67

Elastic Legendre Coefficients



19

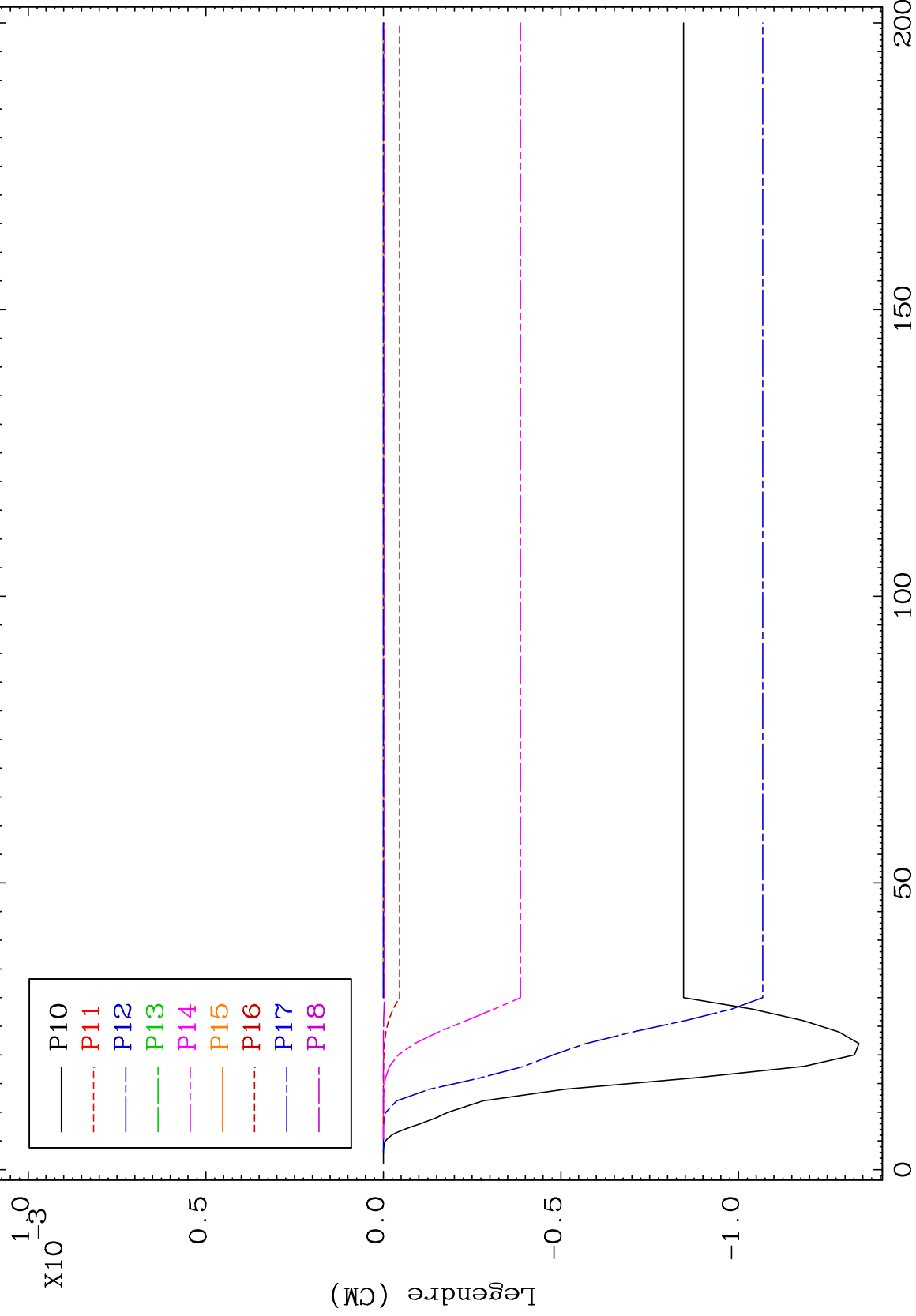
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

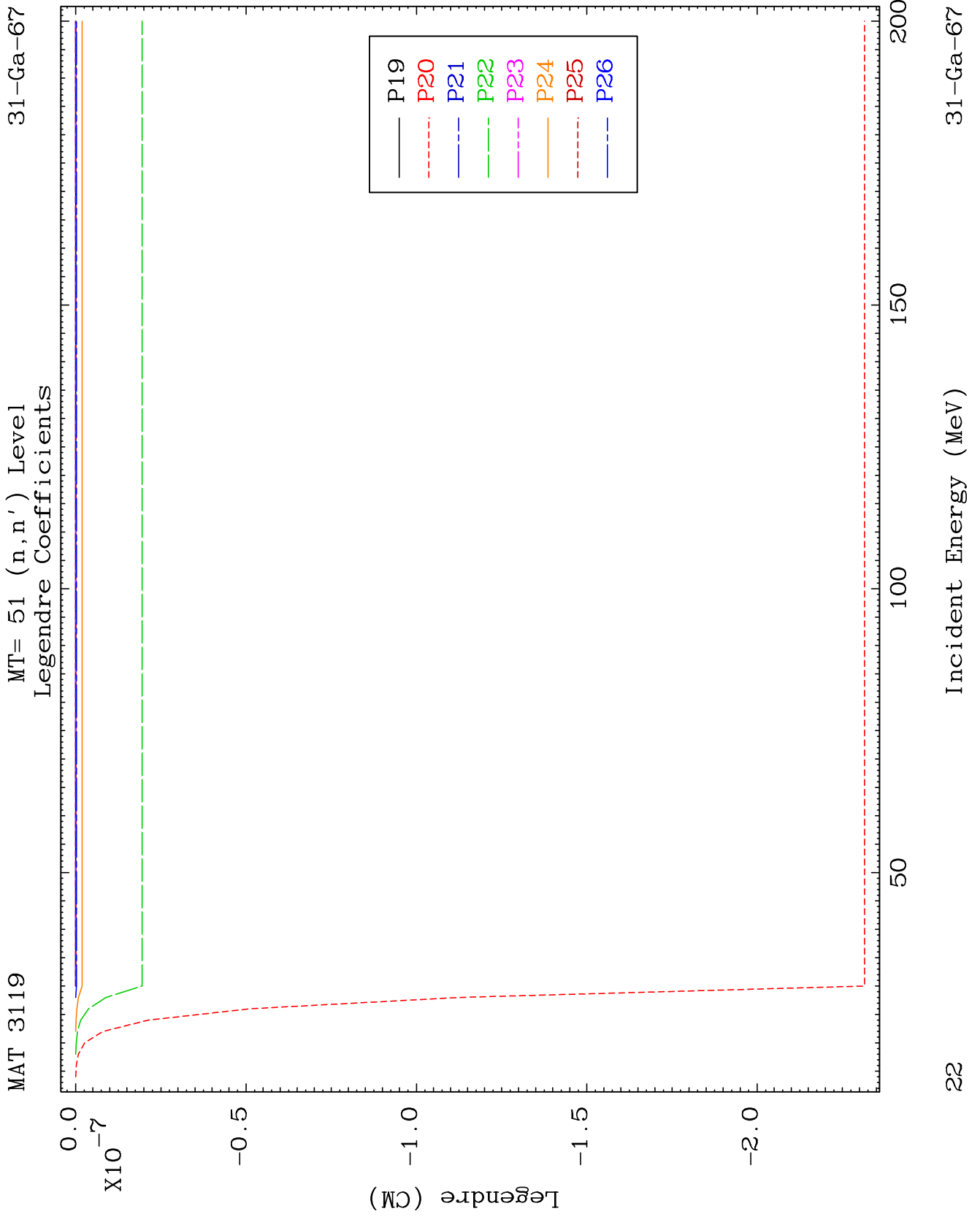
31-Ga-67

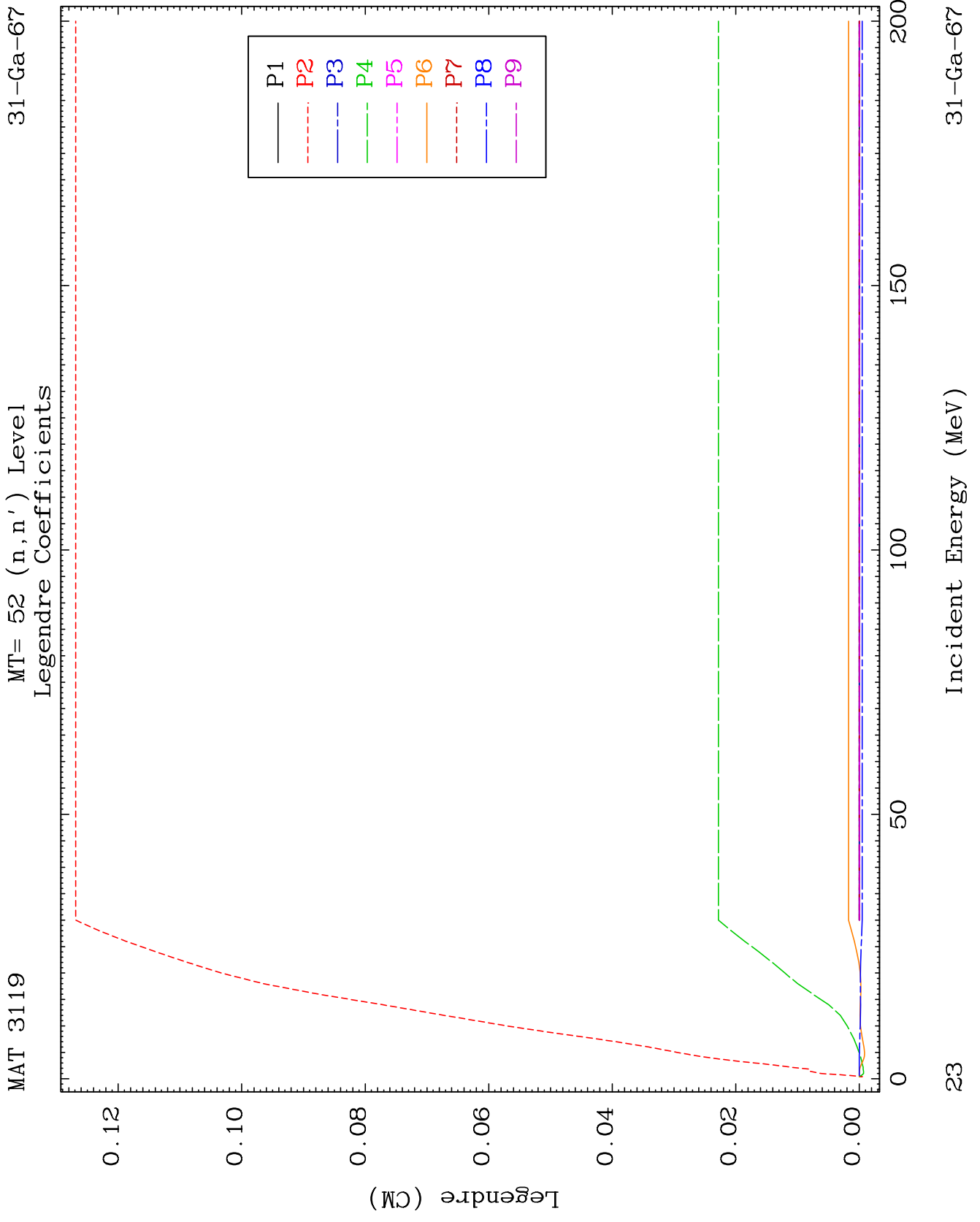


21

Incident Energy (MeV)

31-Ga-67

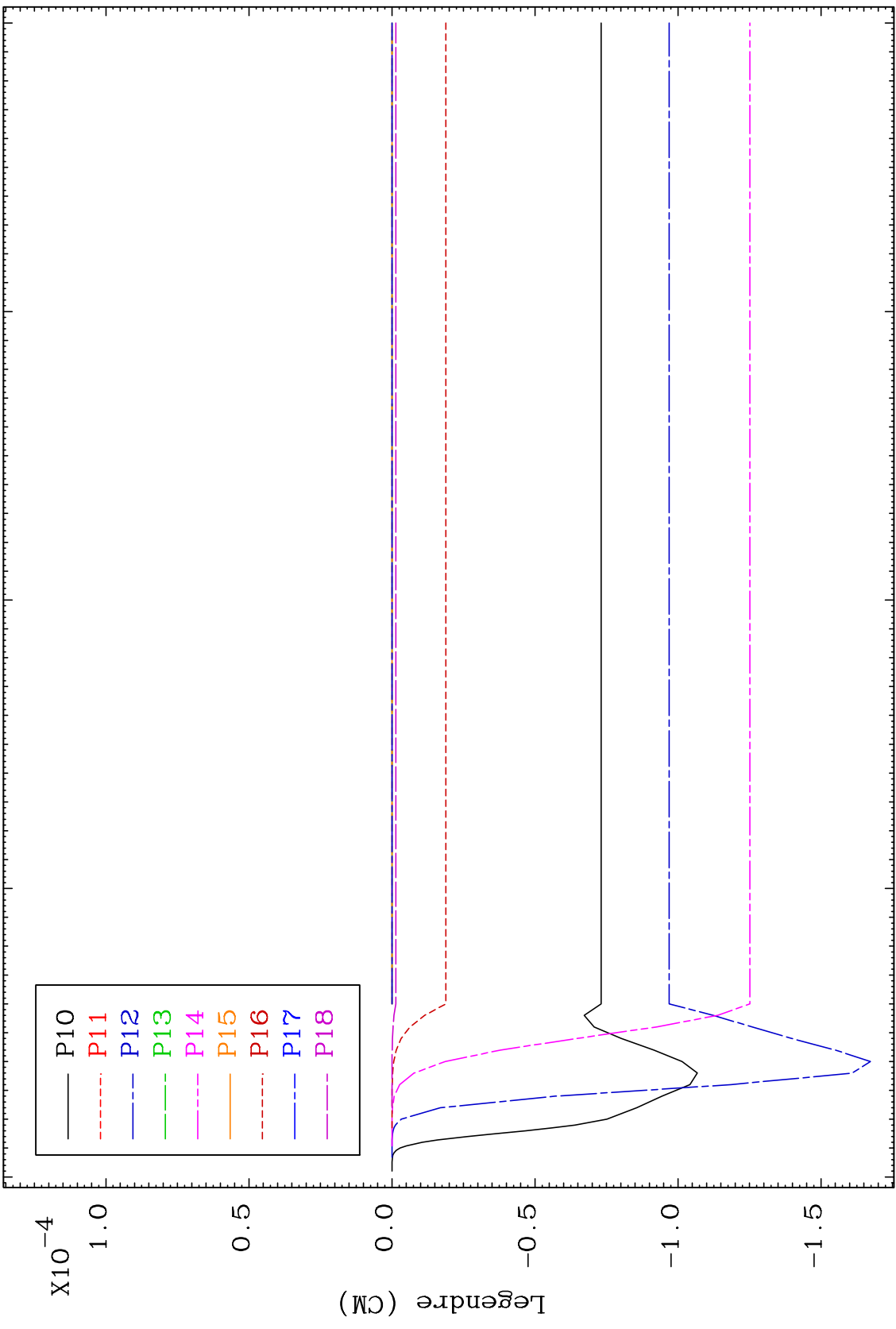
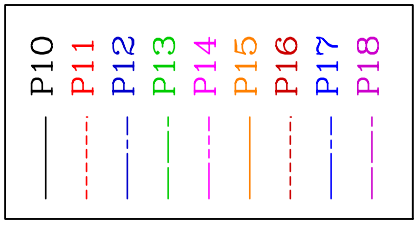




MAT 3119

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

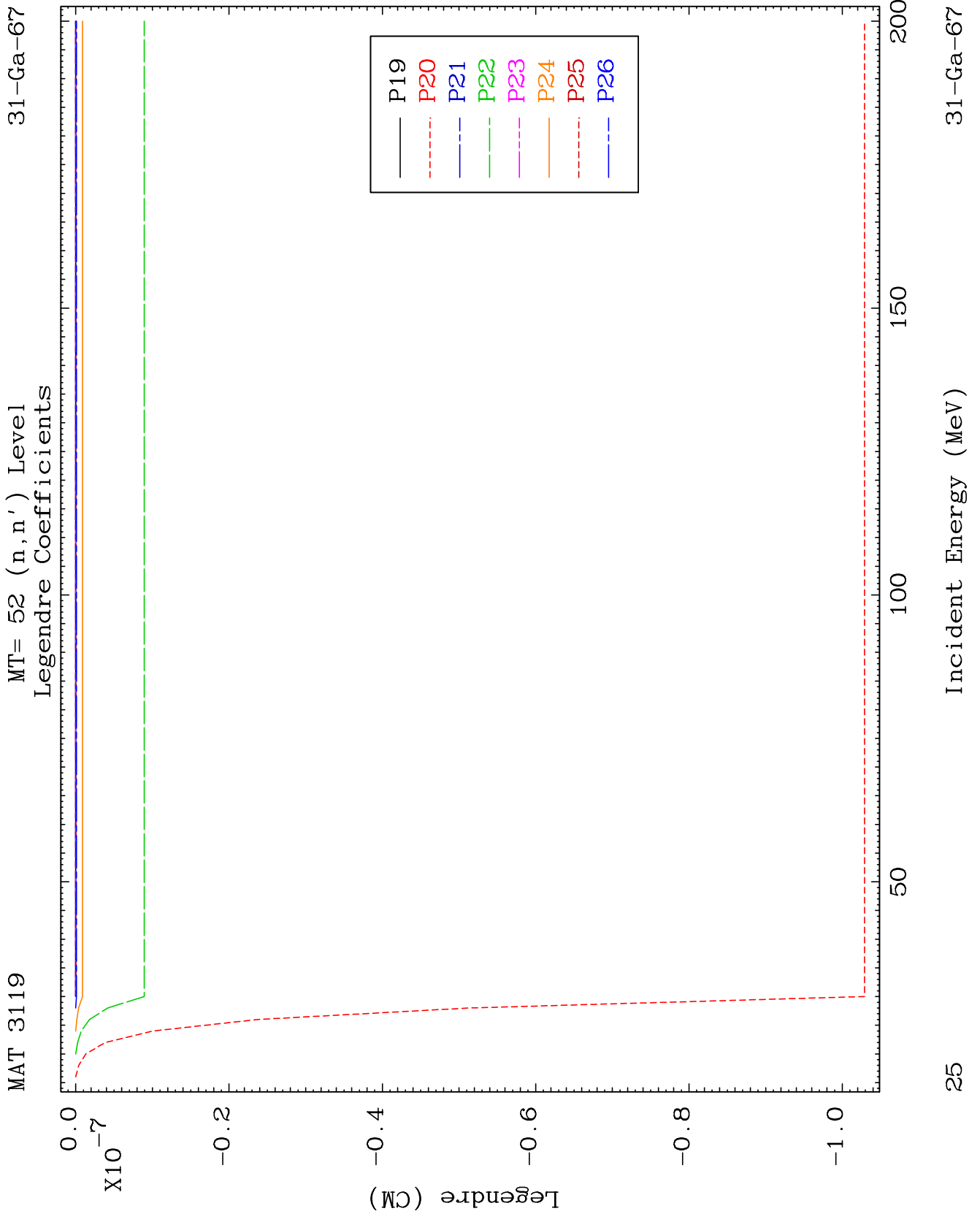
31-Ga-67

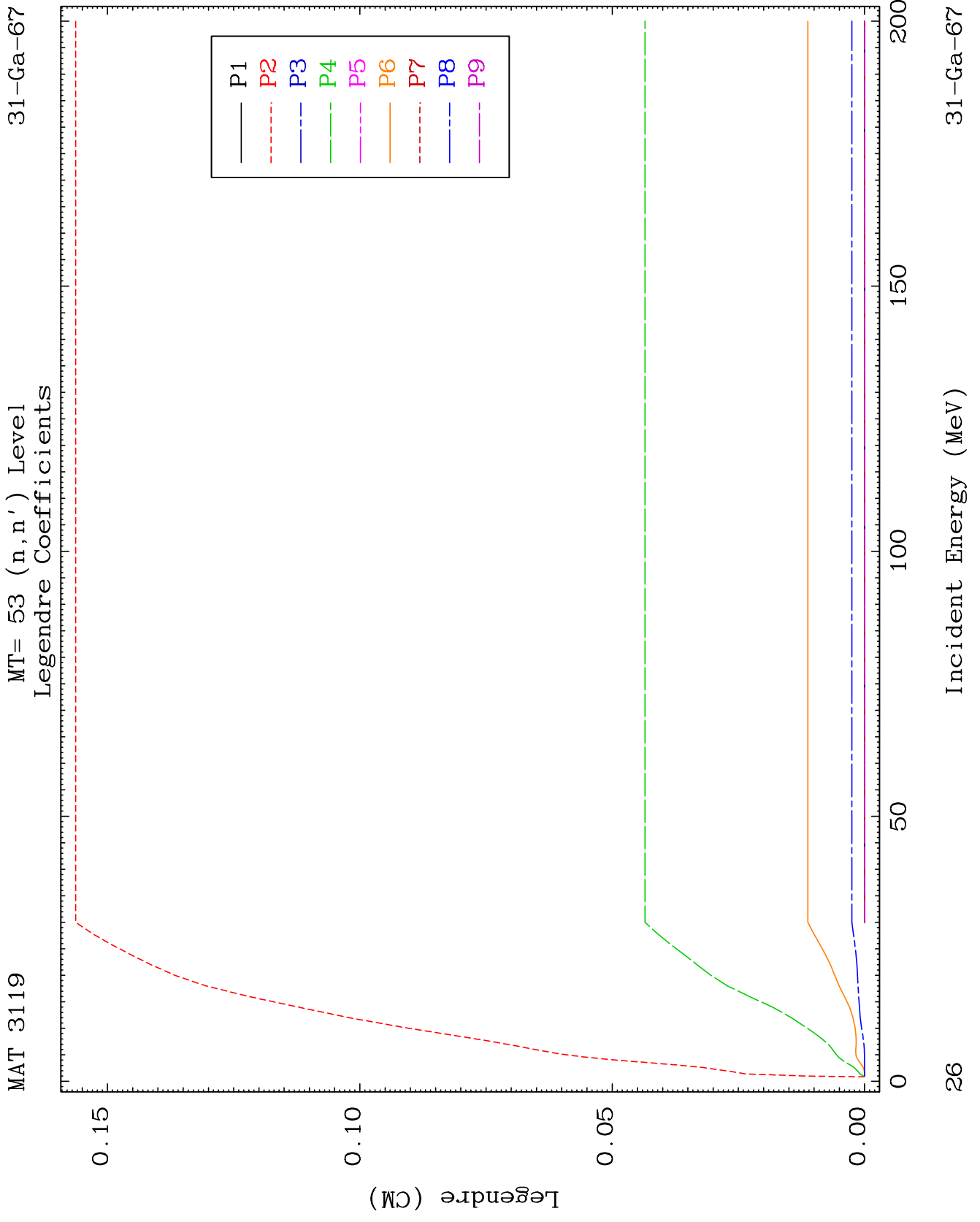


24

Incident Energy (MeV)

31-Ga-67

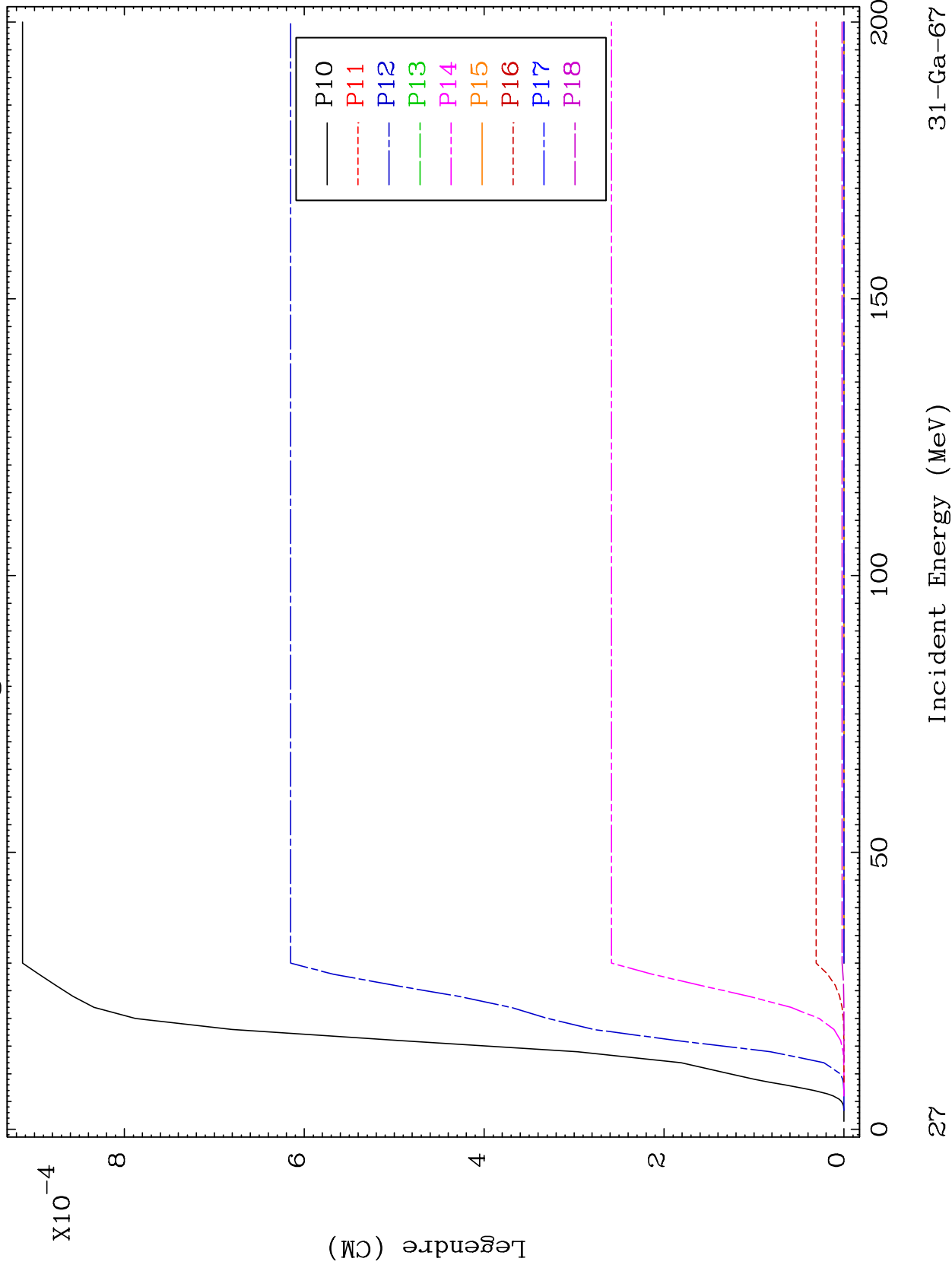


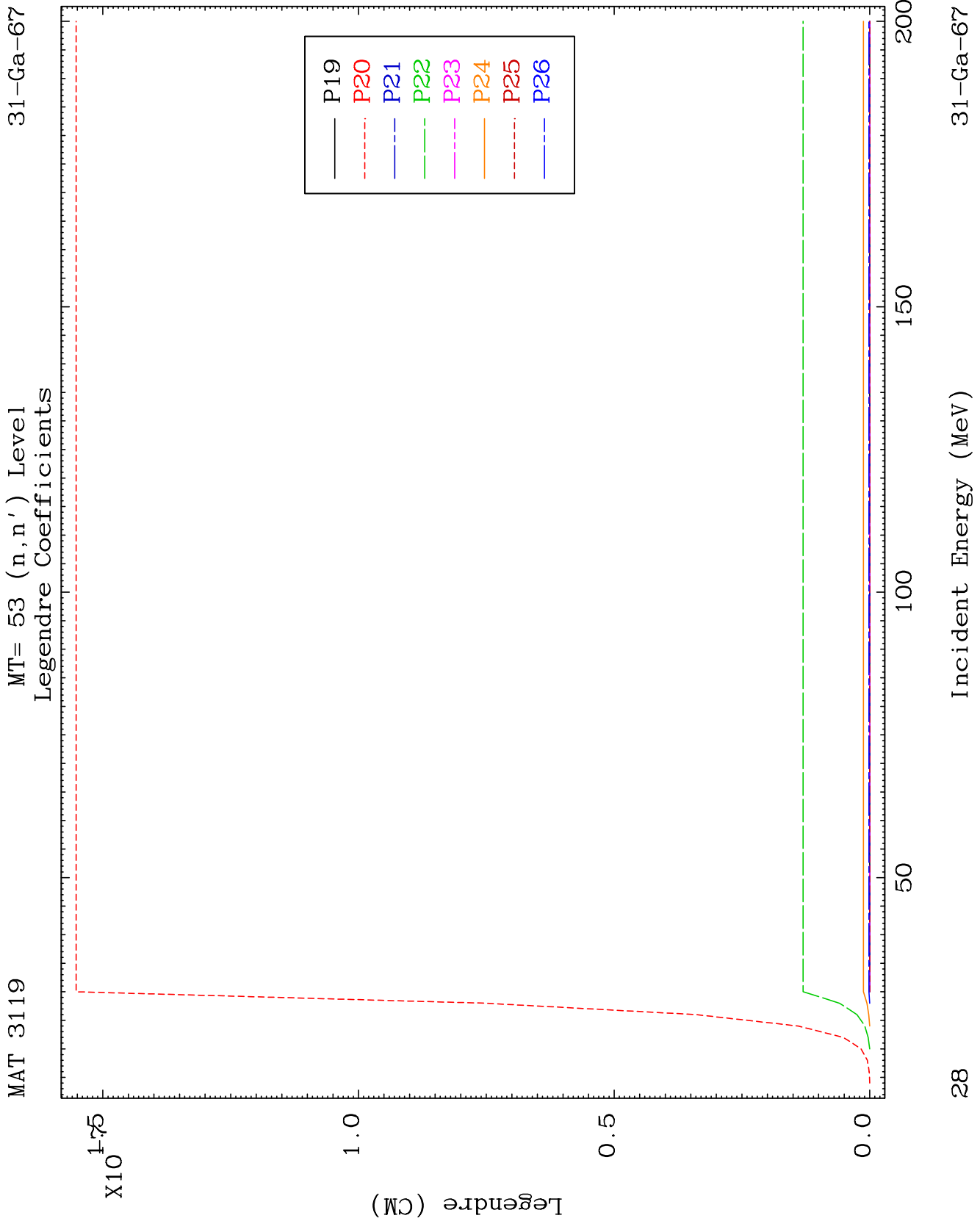


MAT 3119

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

31-Ga-67

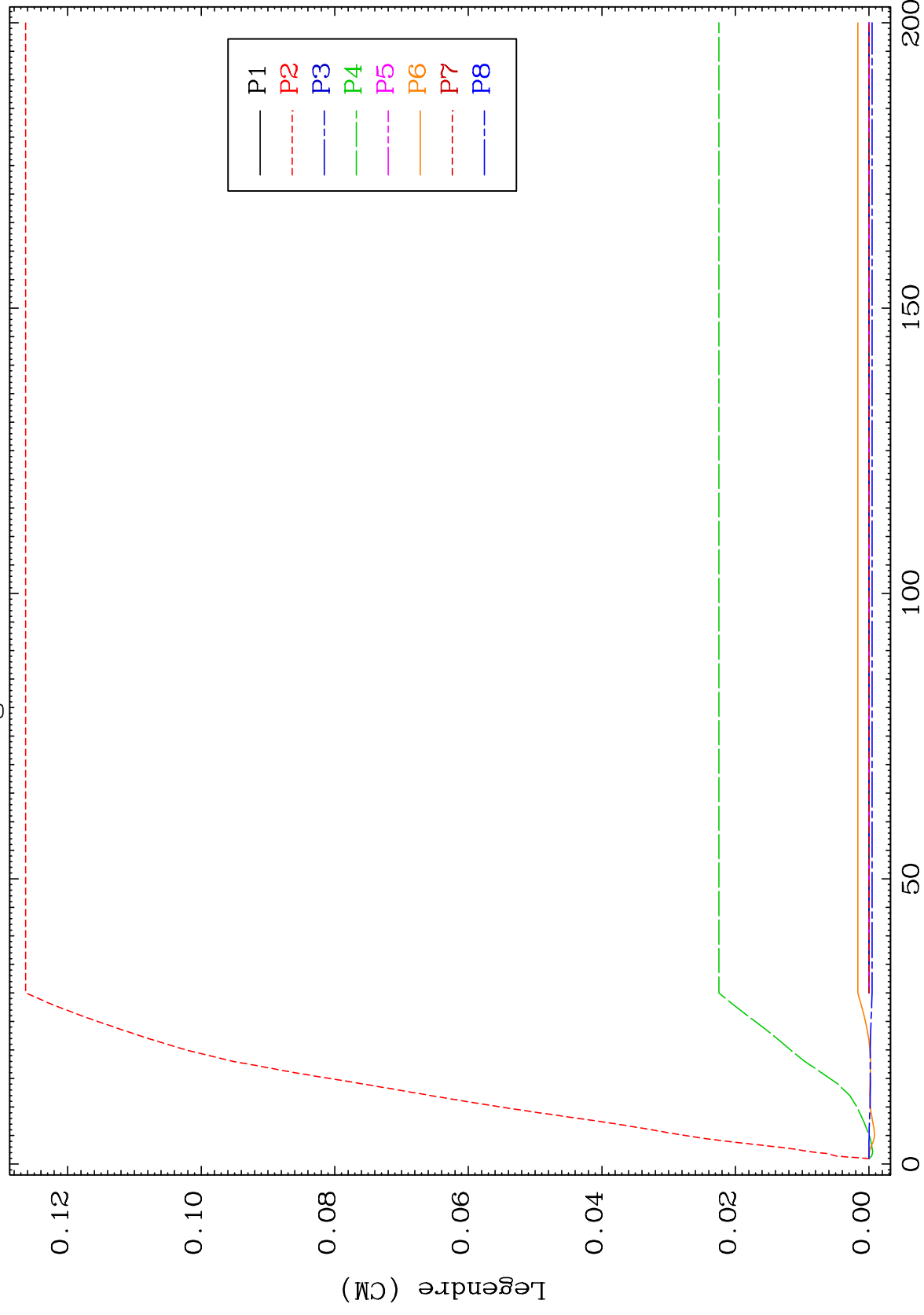




MAT 3119

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

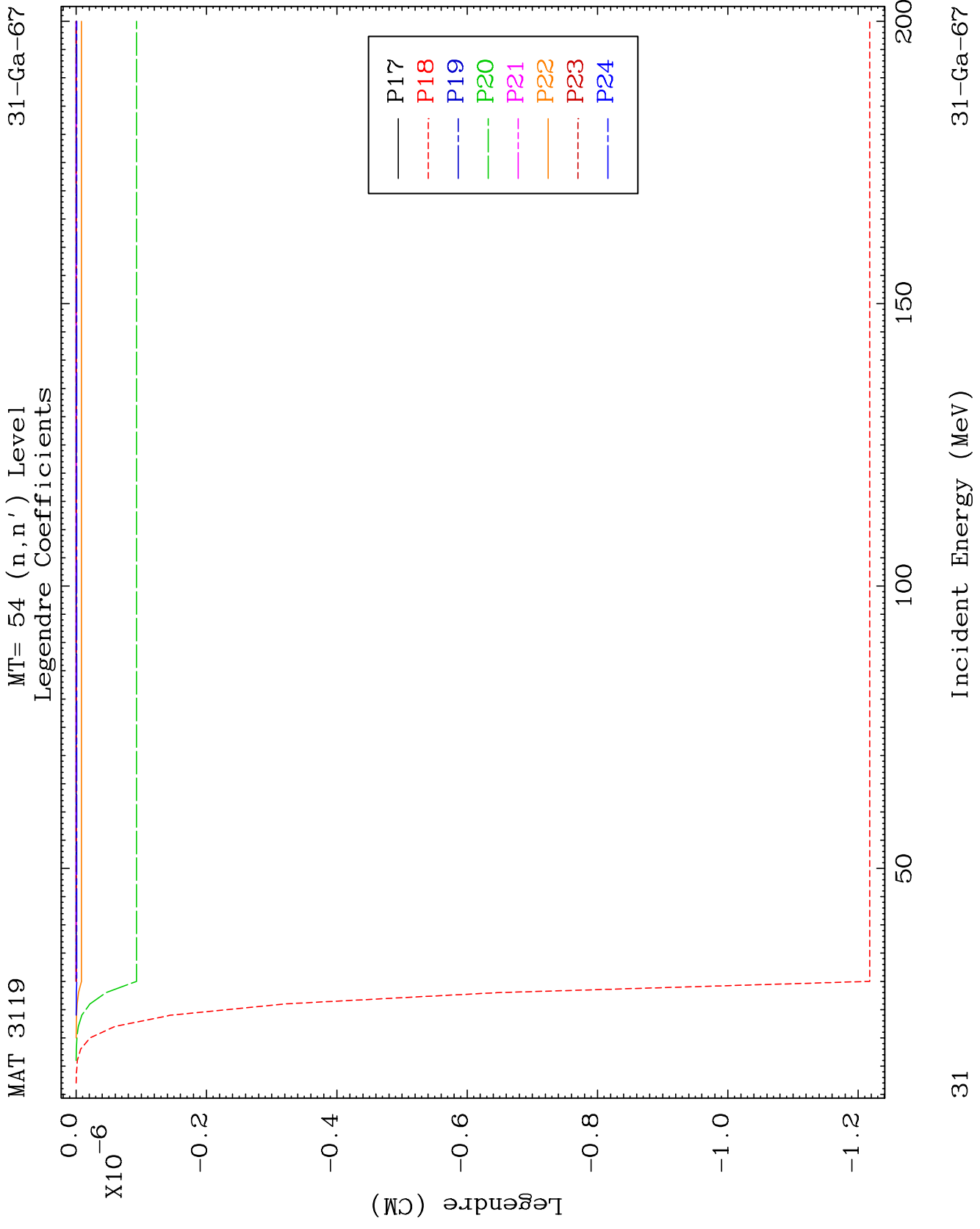
31-Ga-67

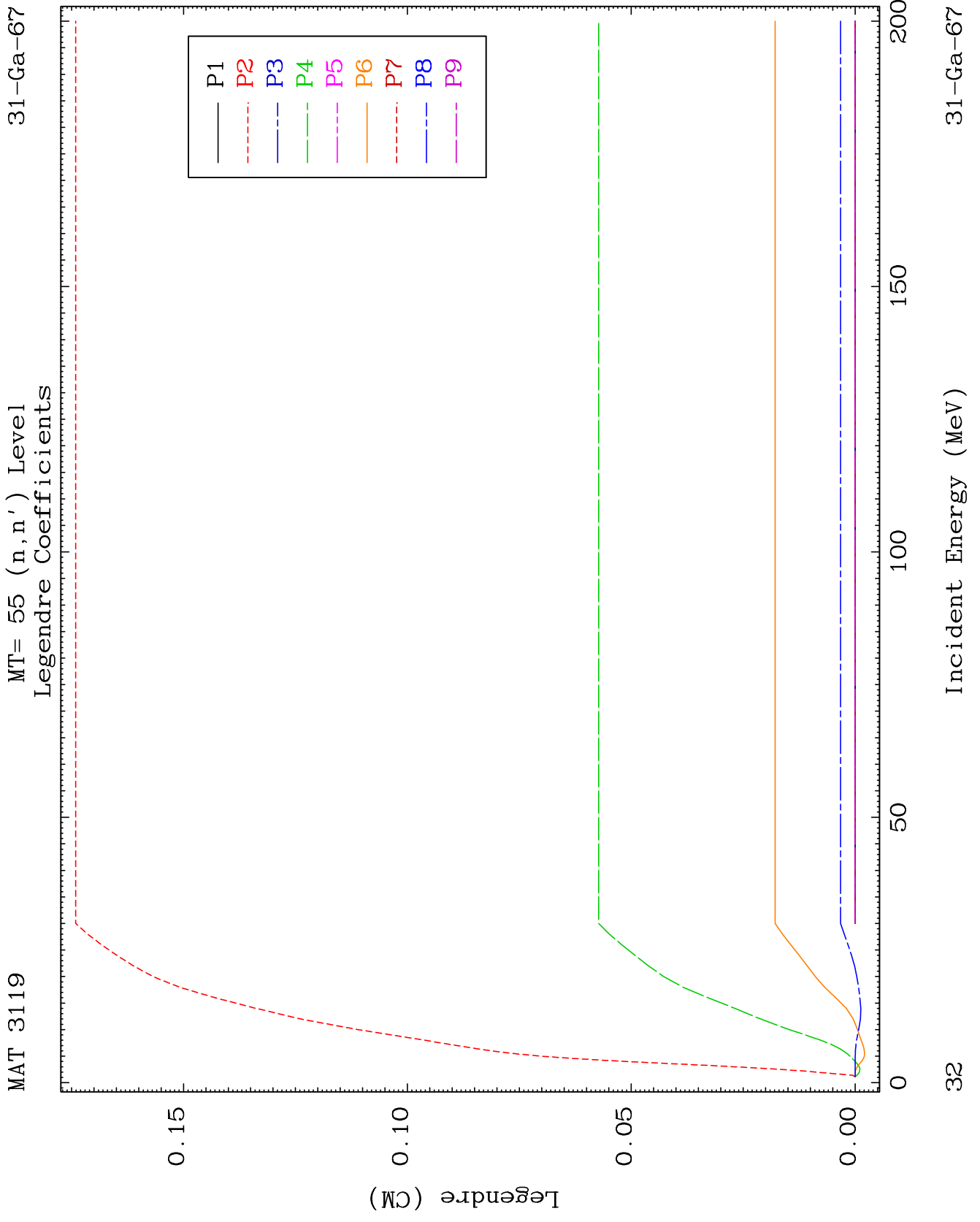


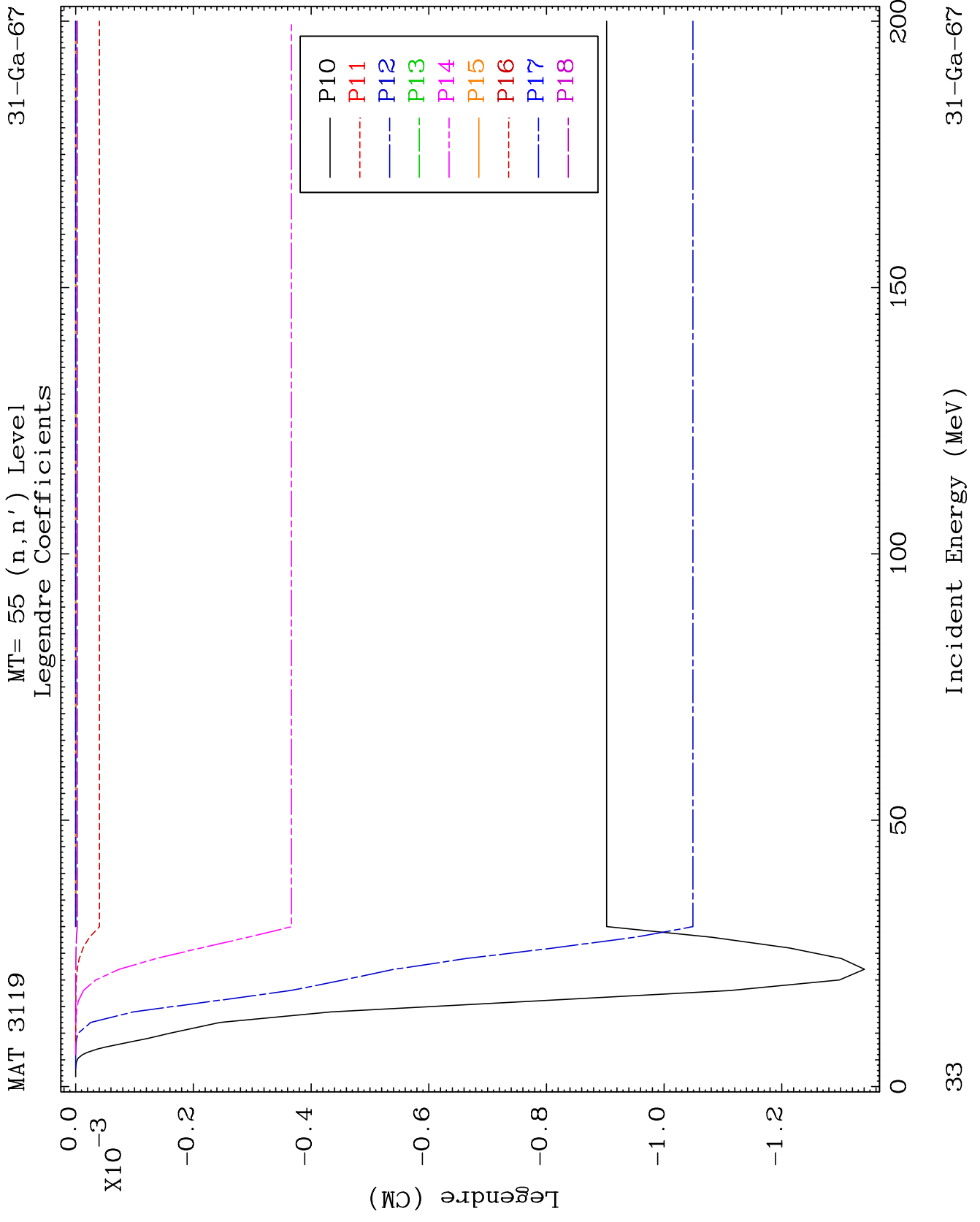
29

Incident Energy (MeV)

31-Ga-67



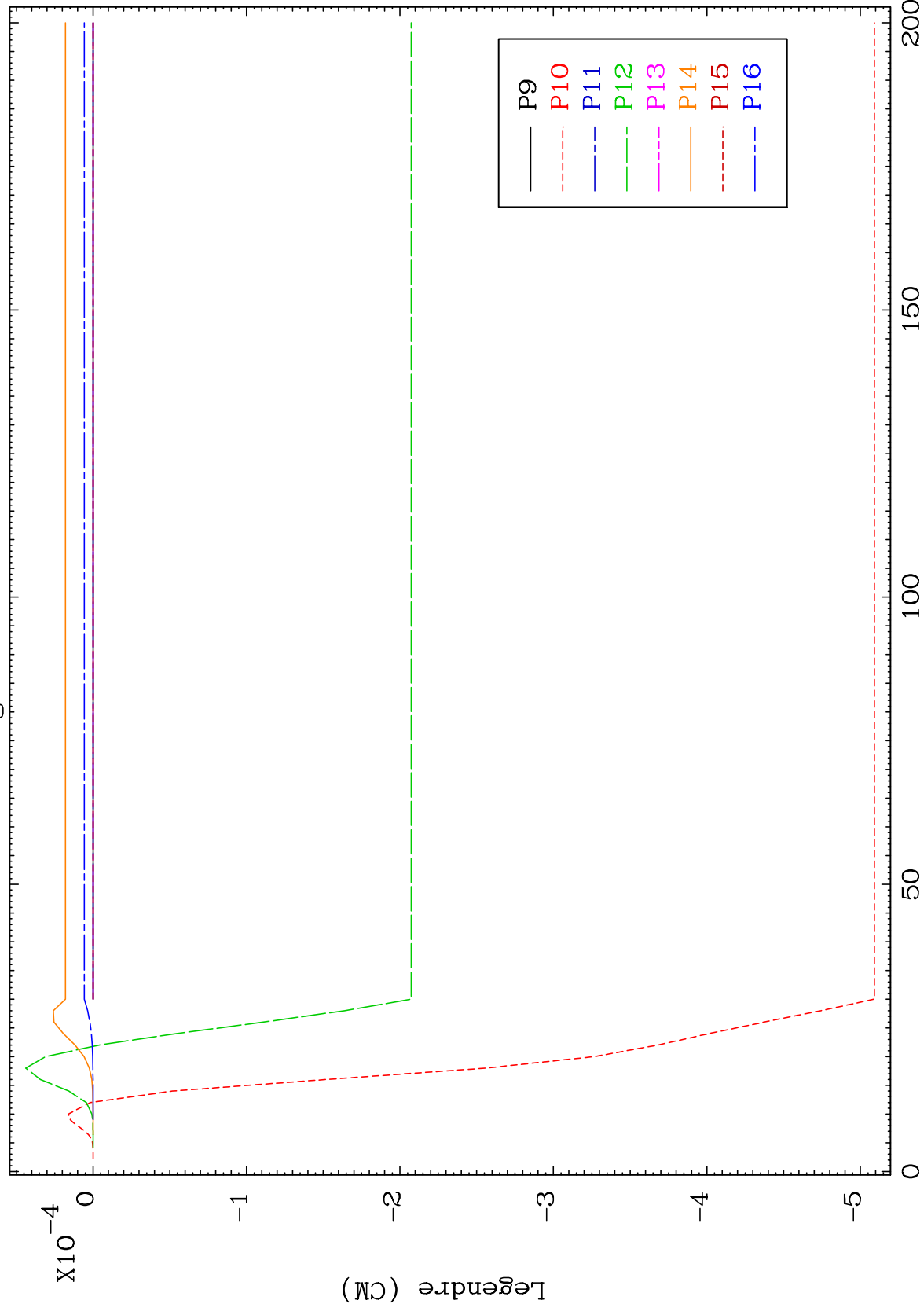




MAT 3119

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

31-Ga-67



36

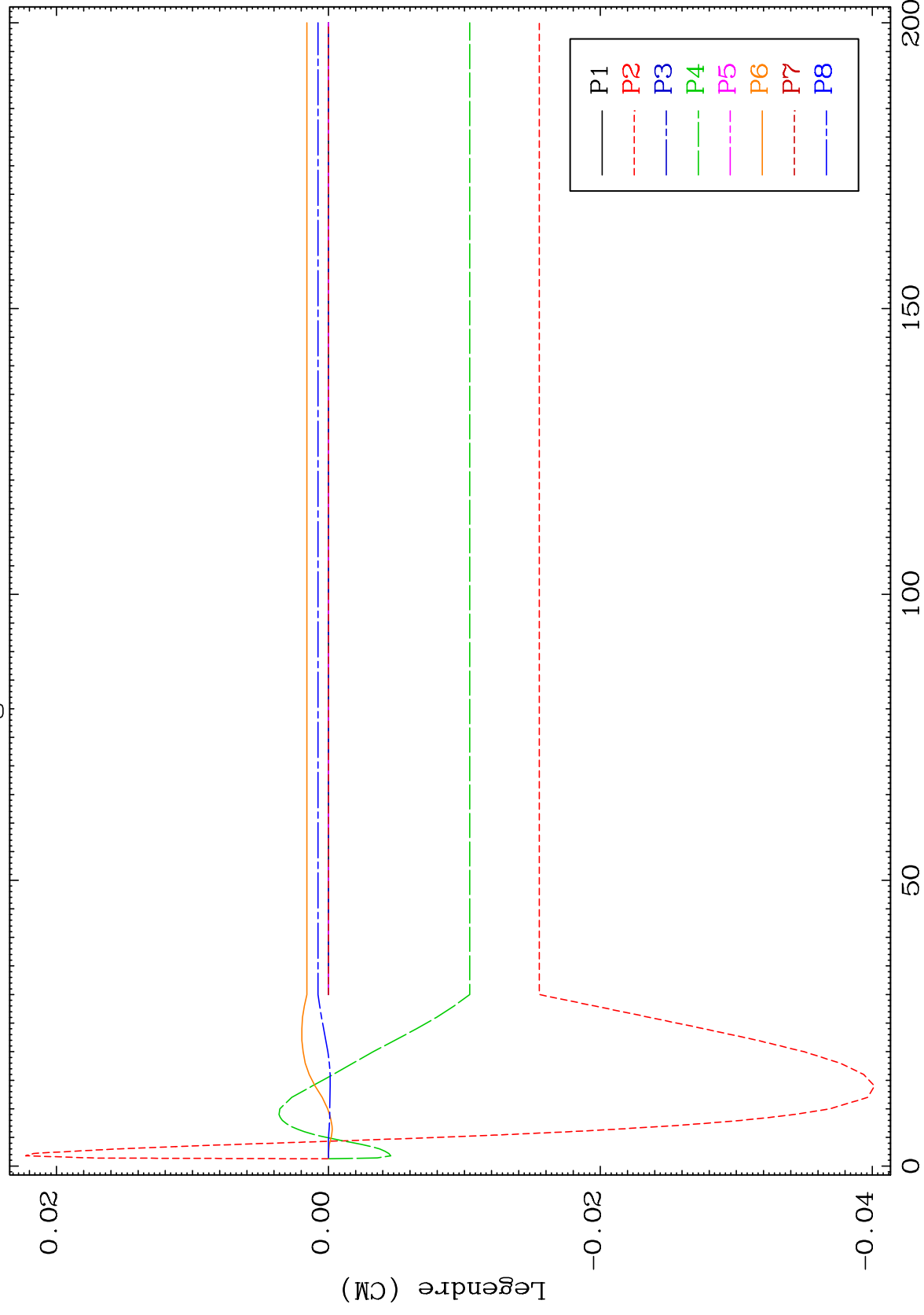
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



38

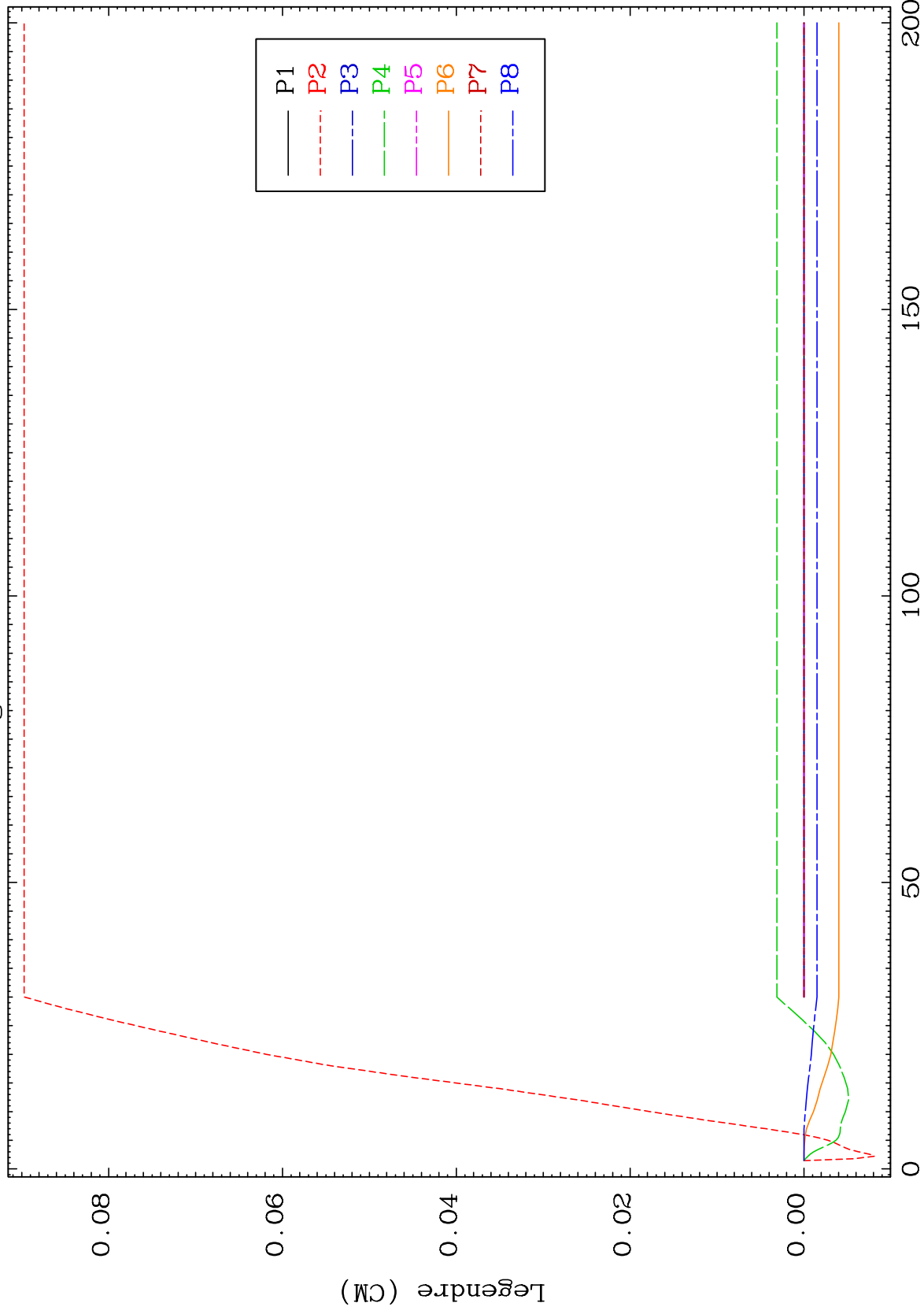
31-Ga-67

31-Ga-67

MAT 3119

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

31-Ga-67



41

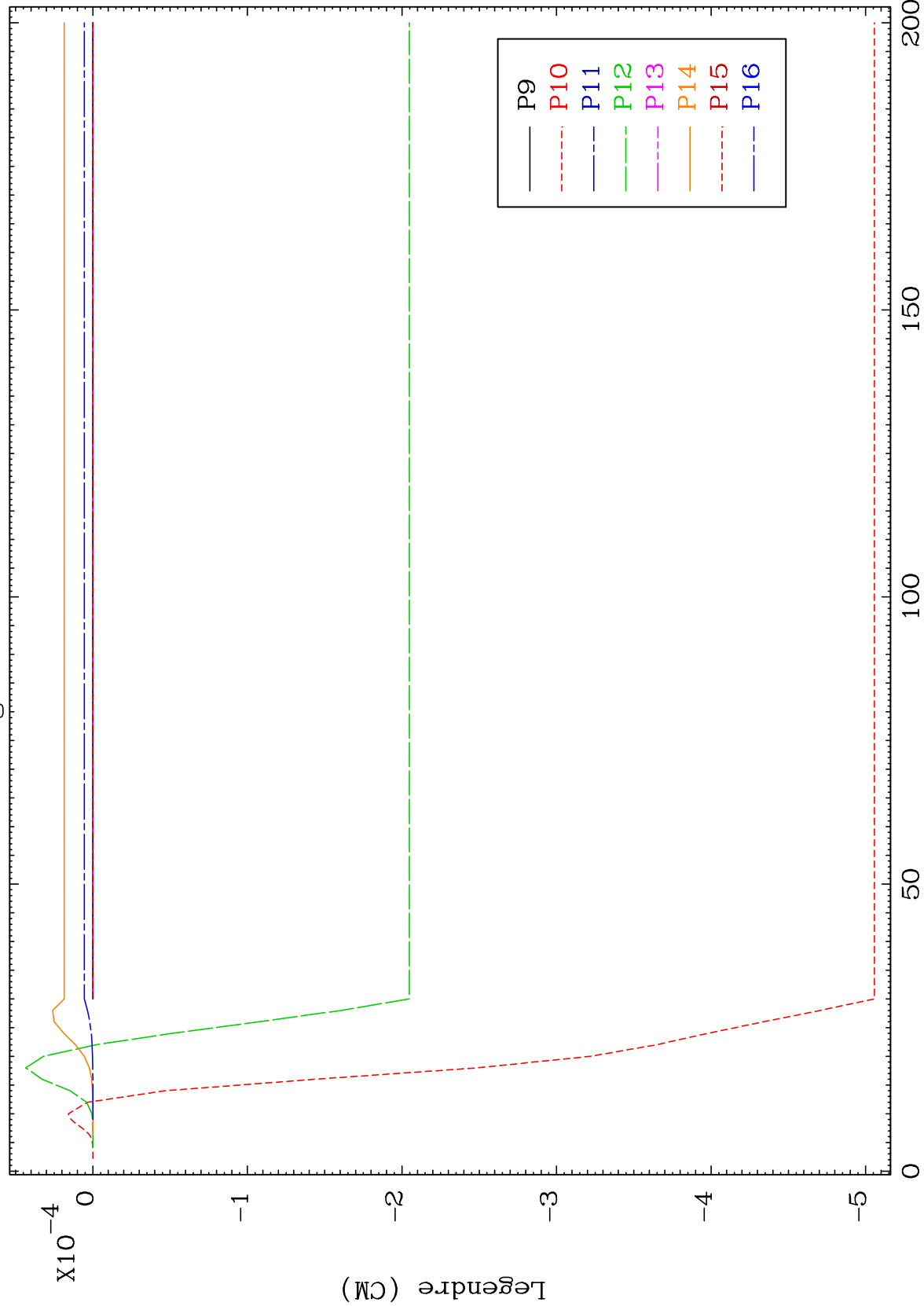
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

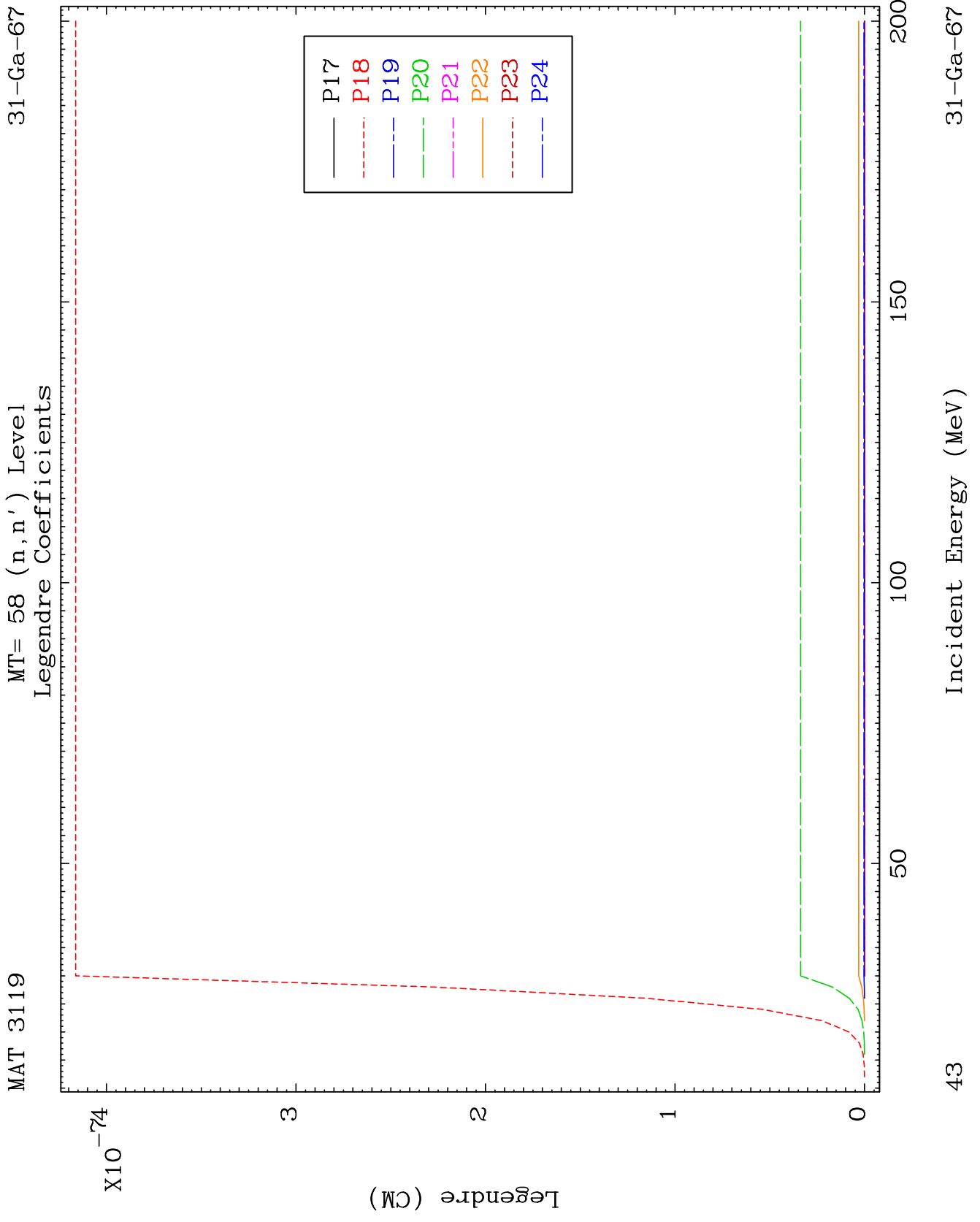
31-Ga-67

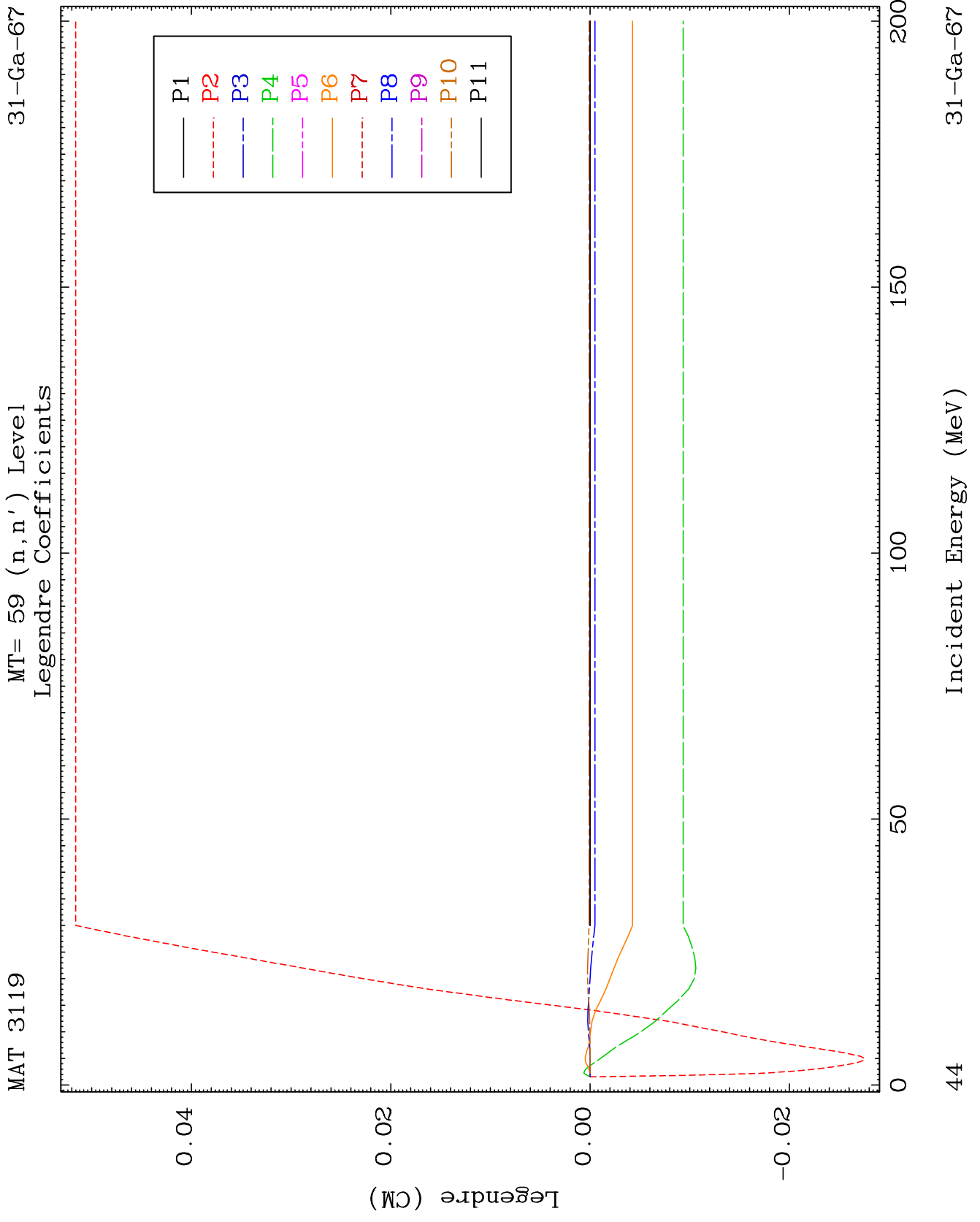


42

Incident Energy (MeV)

31-Ga-67

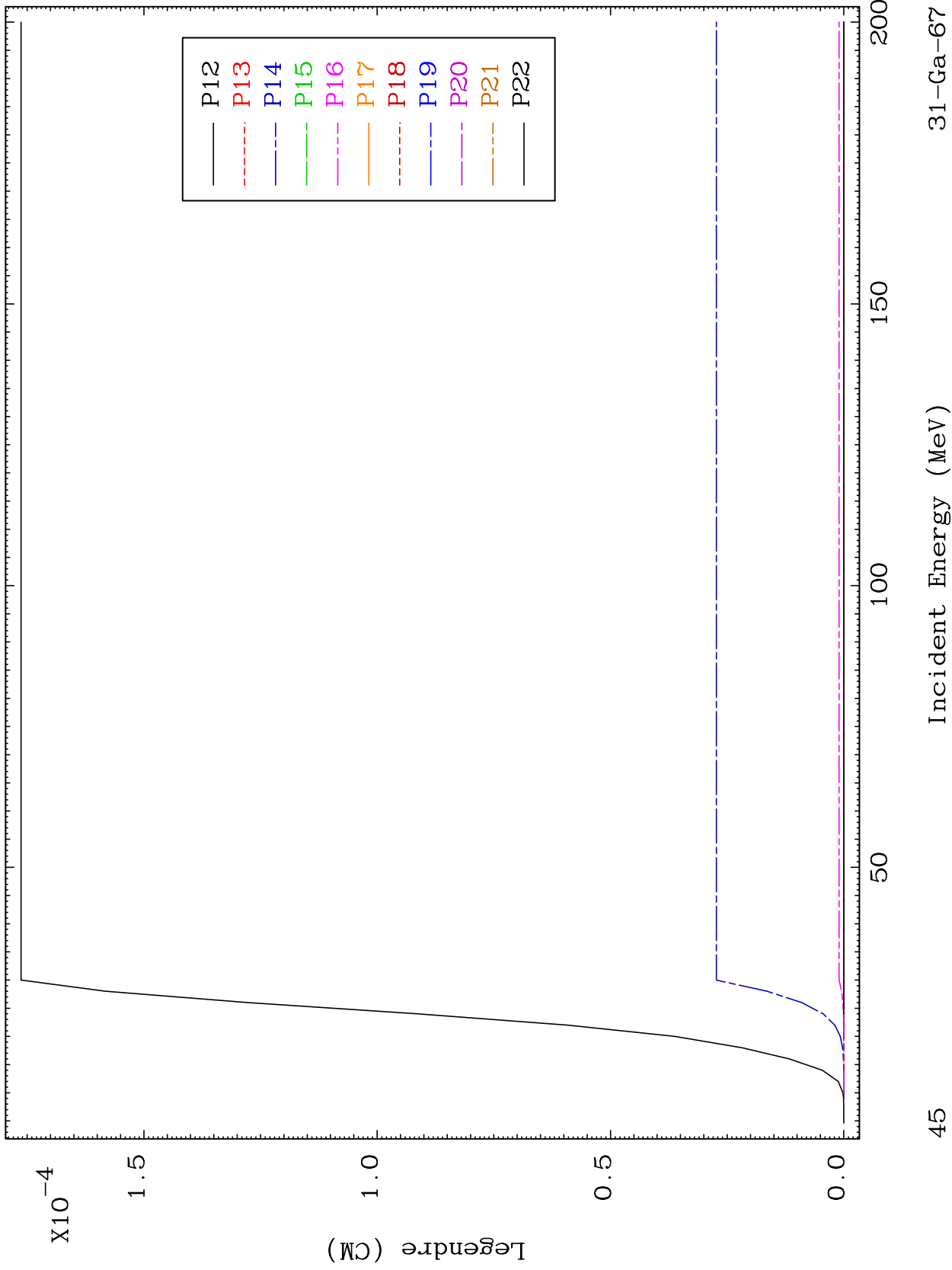




MAT 3119

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

31-Ga-67



45

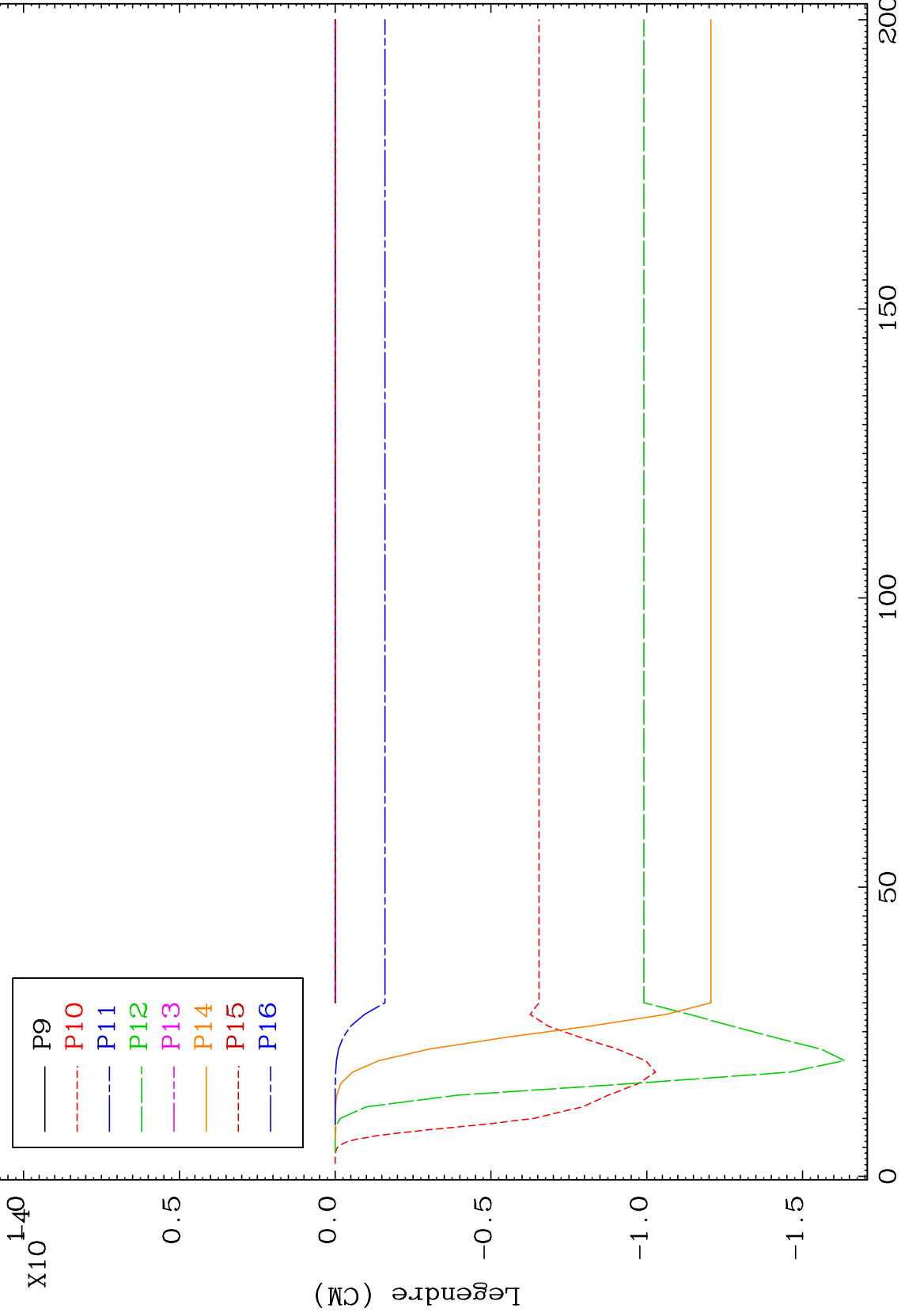
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

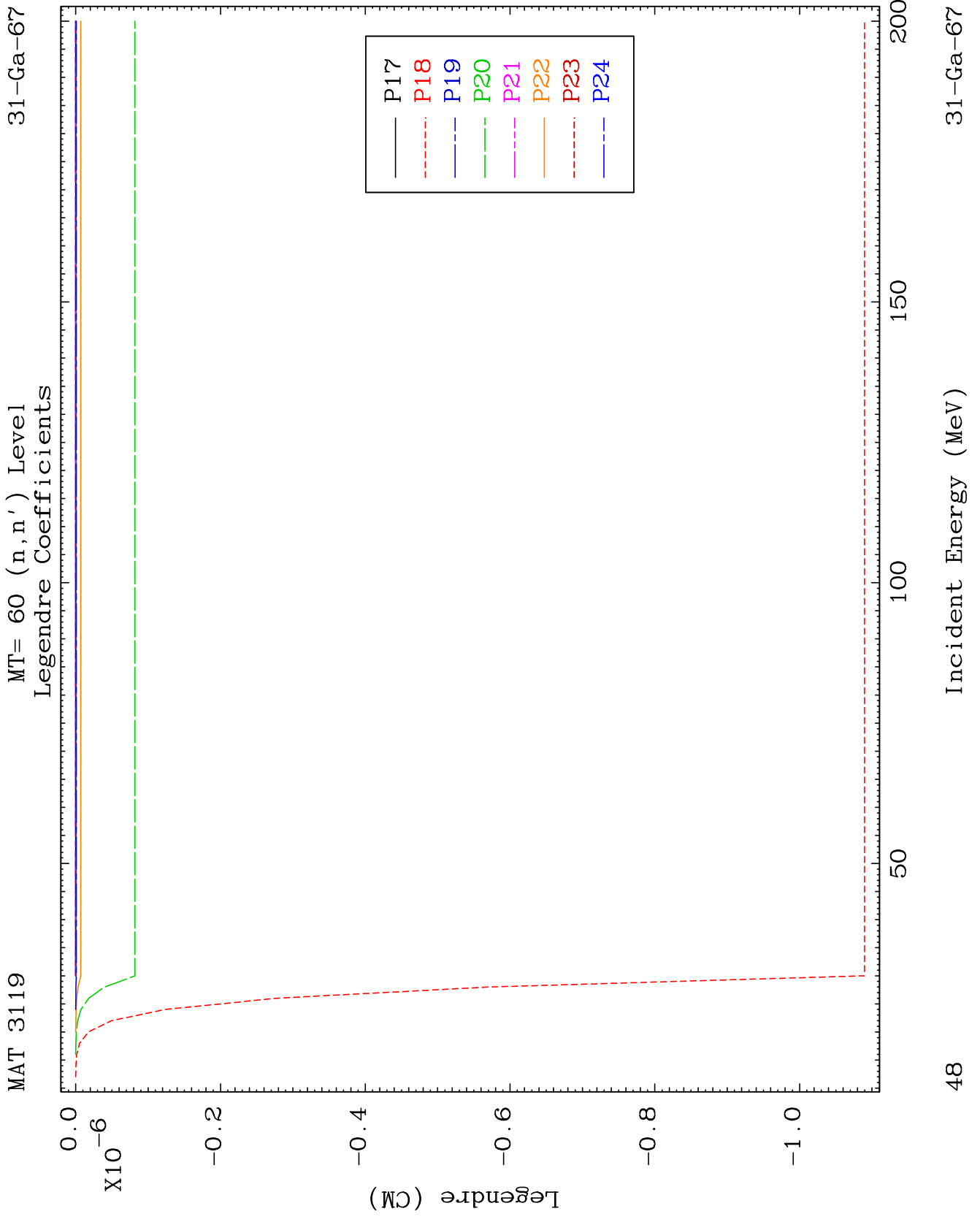
31-Ga-67



47

Incident Energy (MeV)

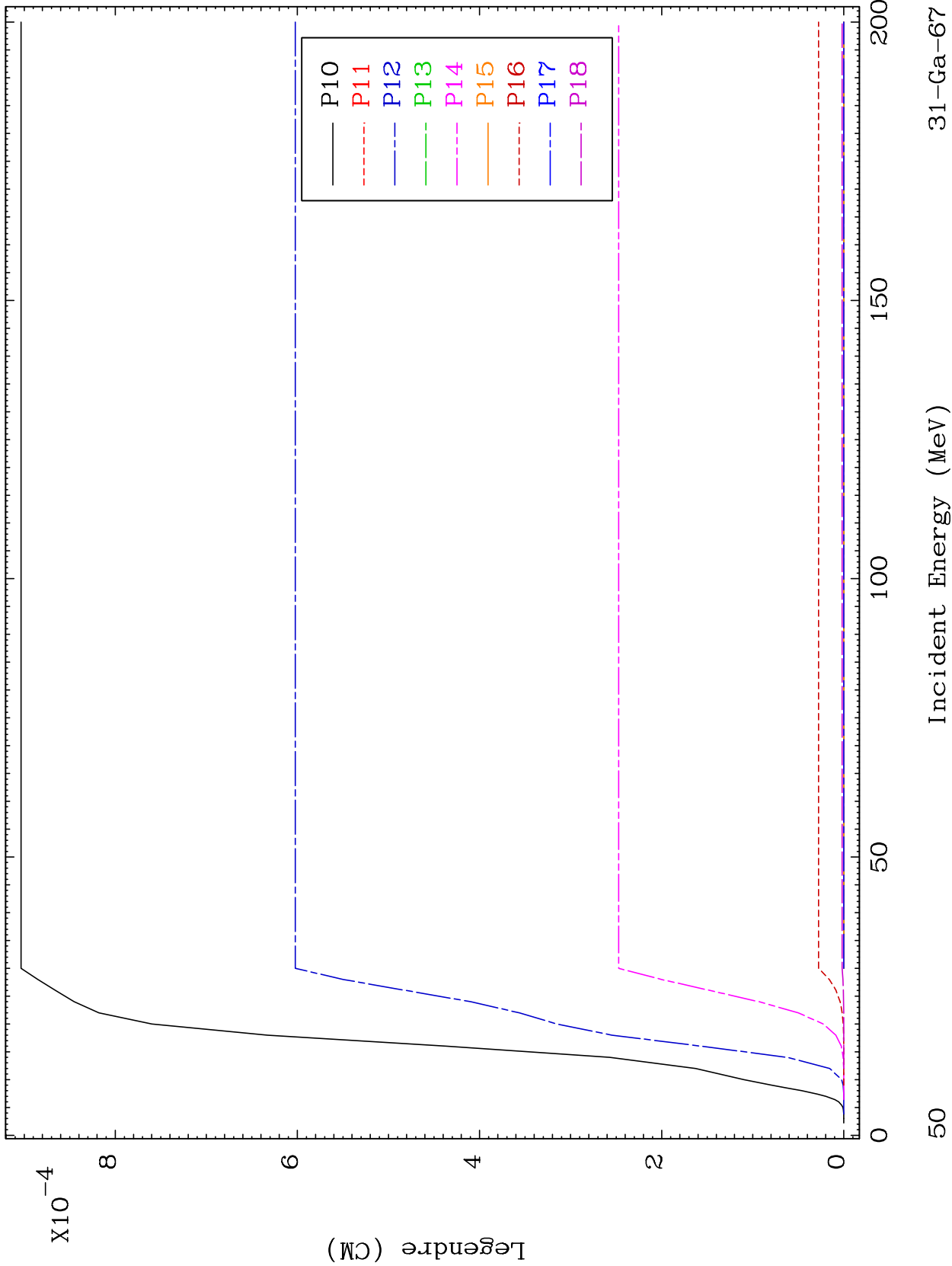
31-Ga-67

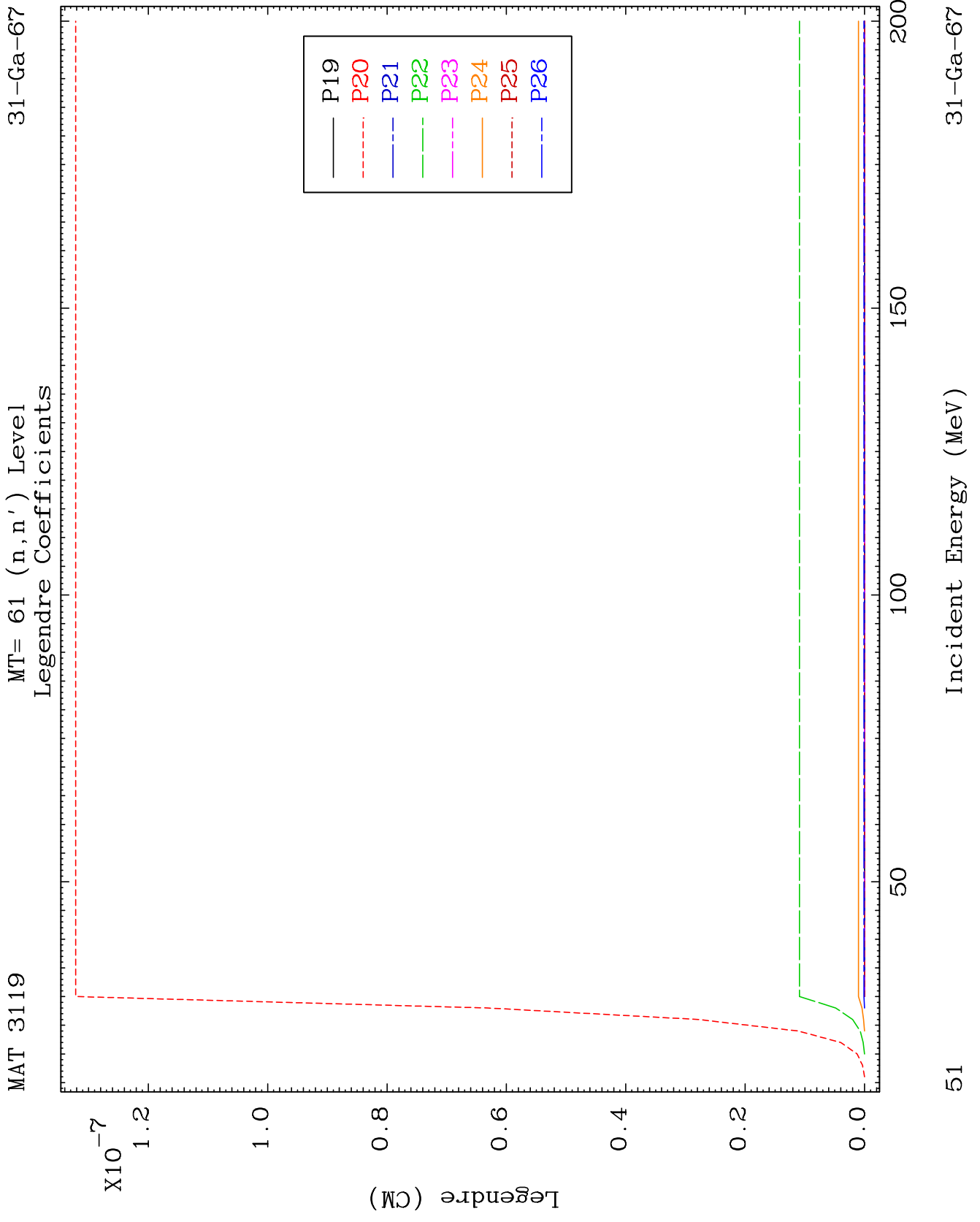


MAT 3119

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

31-Ga-67

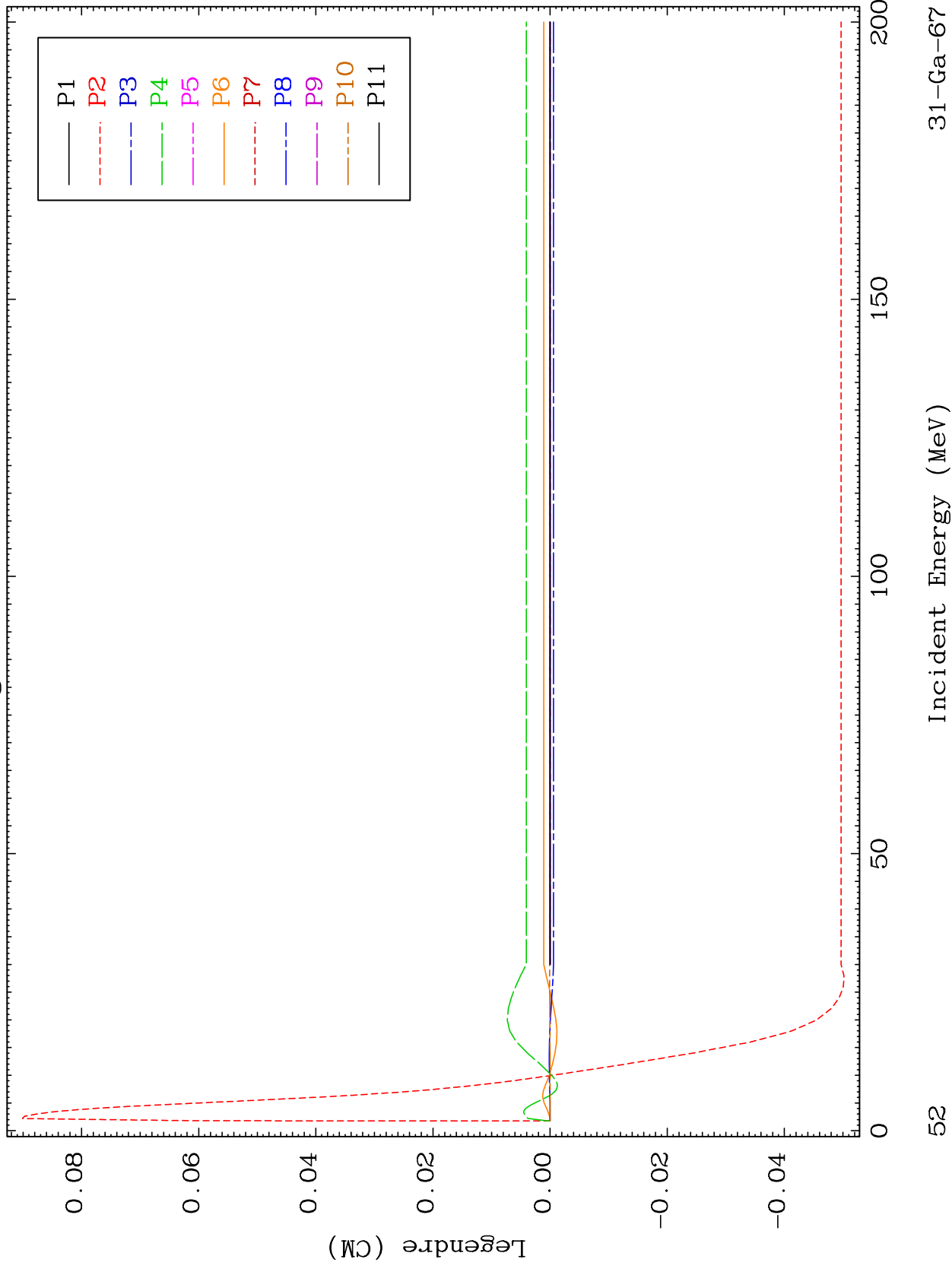




MAT 3119

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

31-Ga-67



31-Ga-67

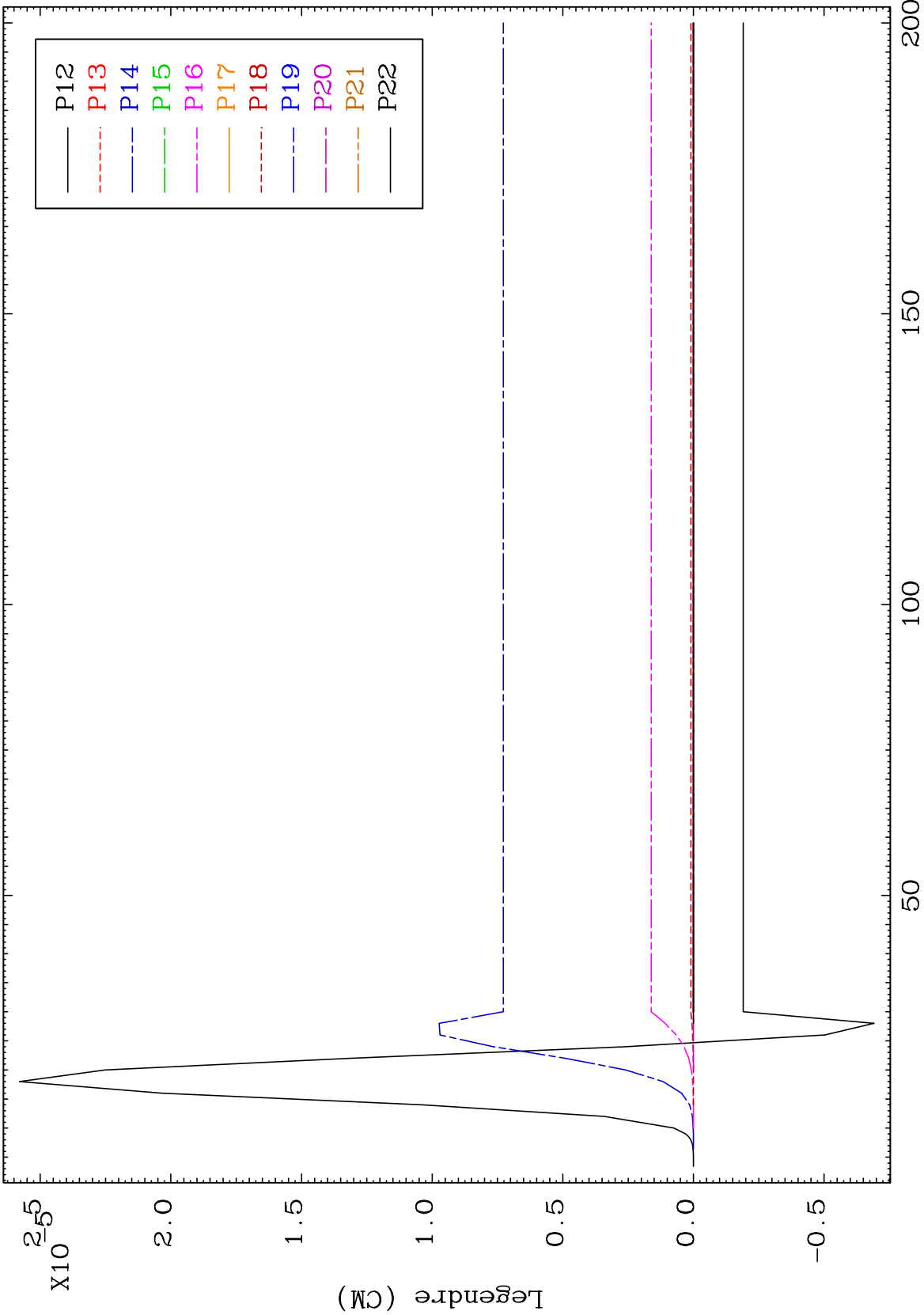
Incident Energy (MeV)

52

MAT 3119

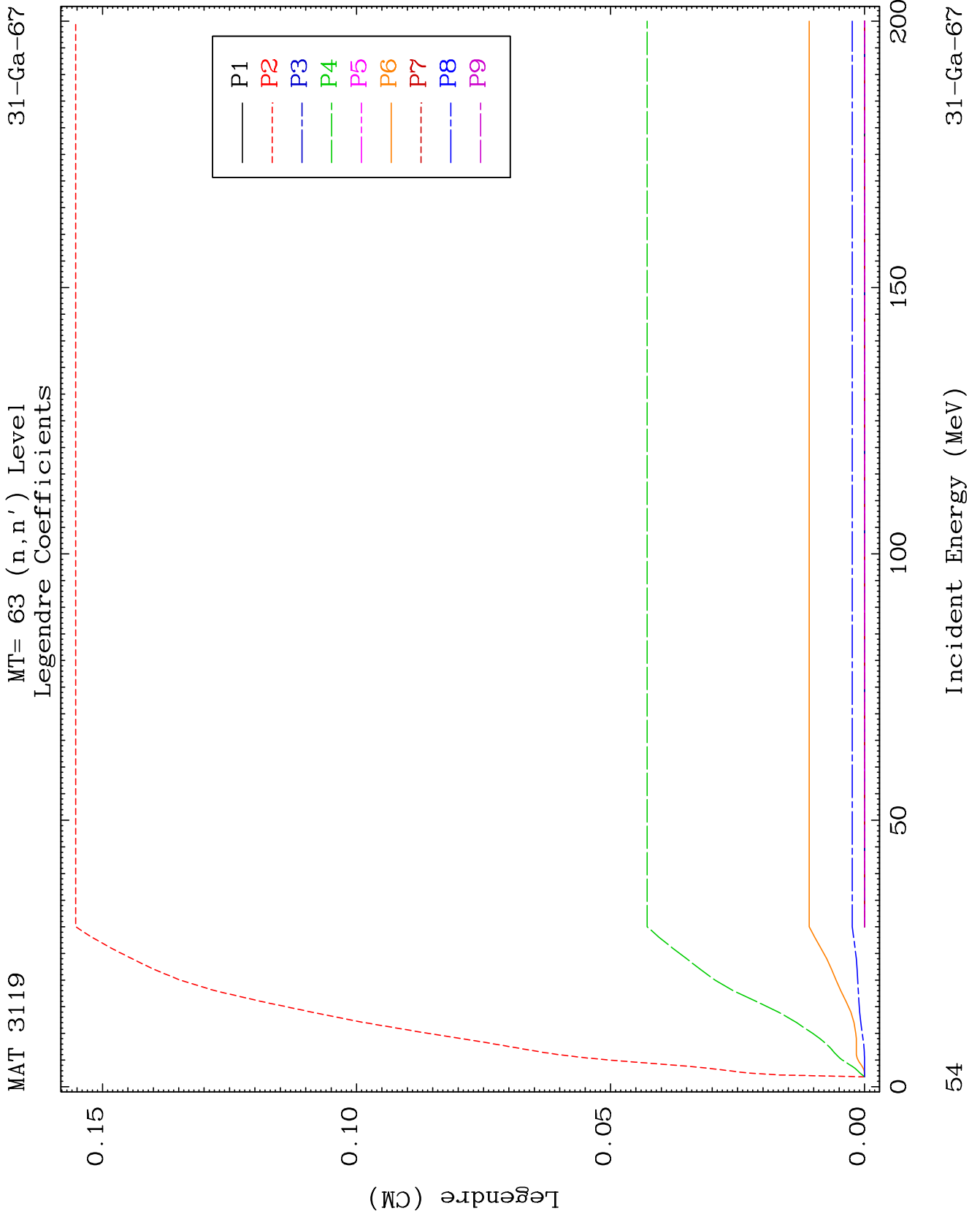
MT= 62 (n,n') Level
Legendre Coefficients

31-Ga-67



53

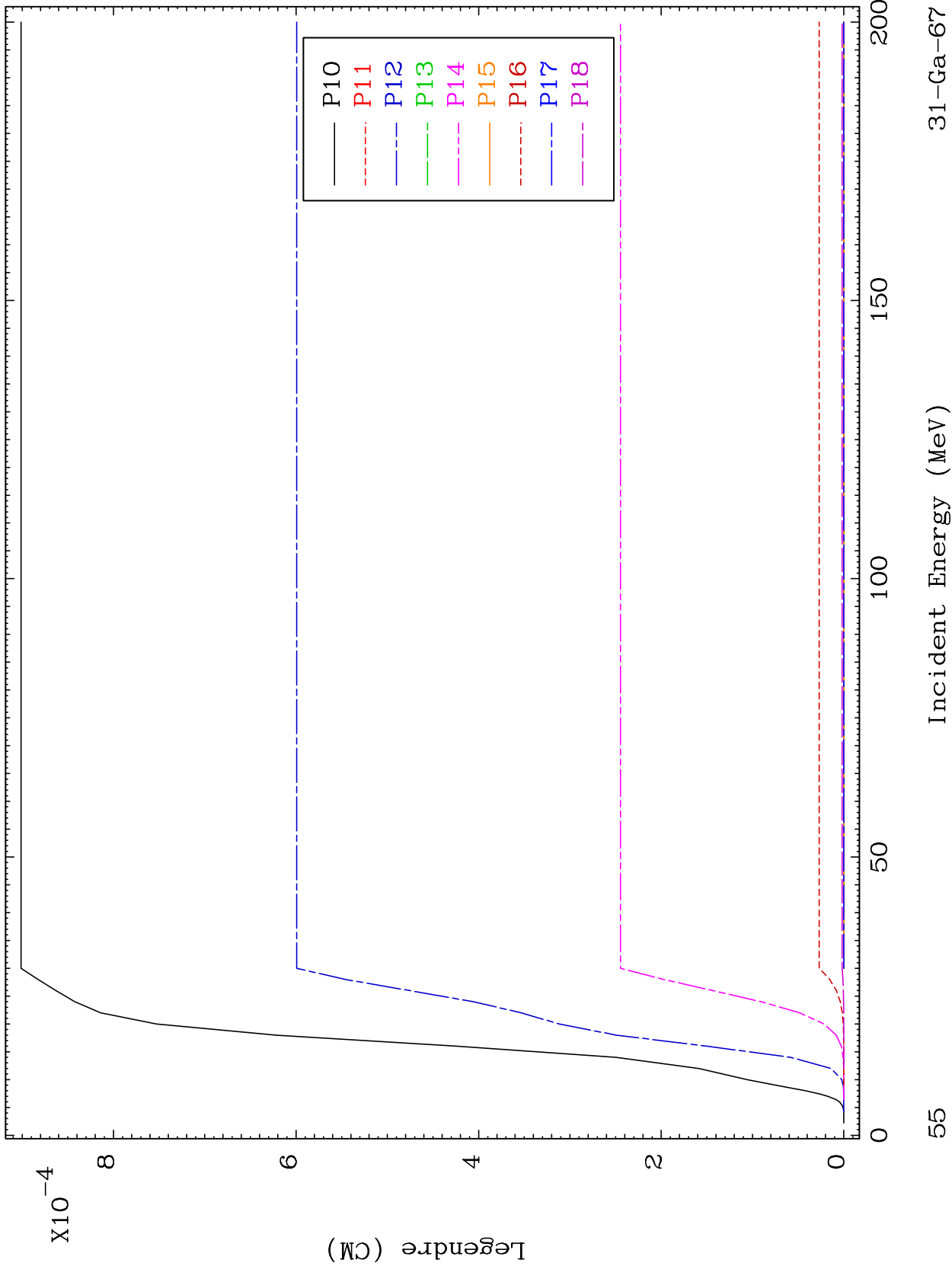
31-Ga-67



MAT 3119

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

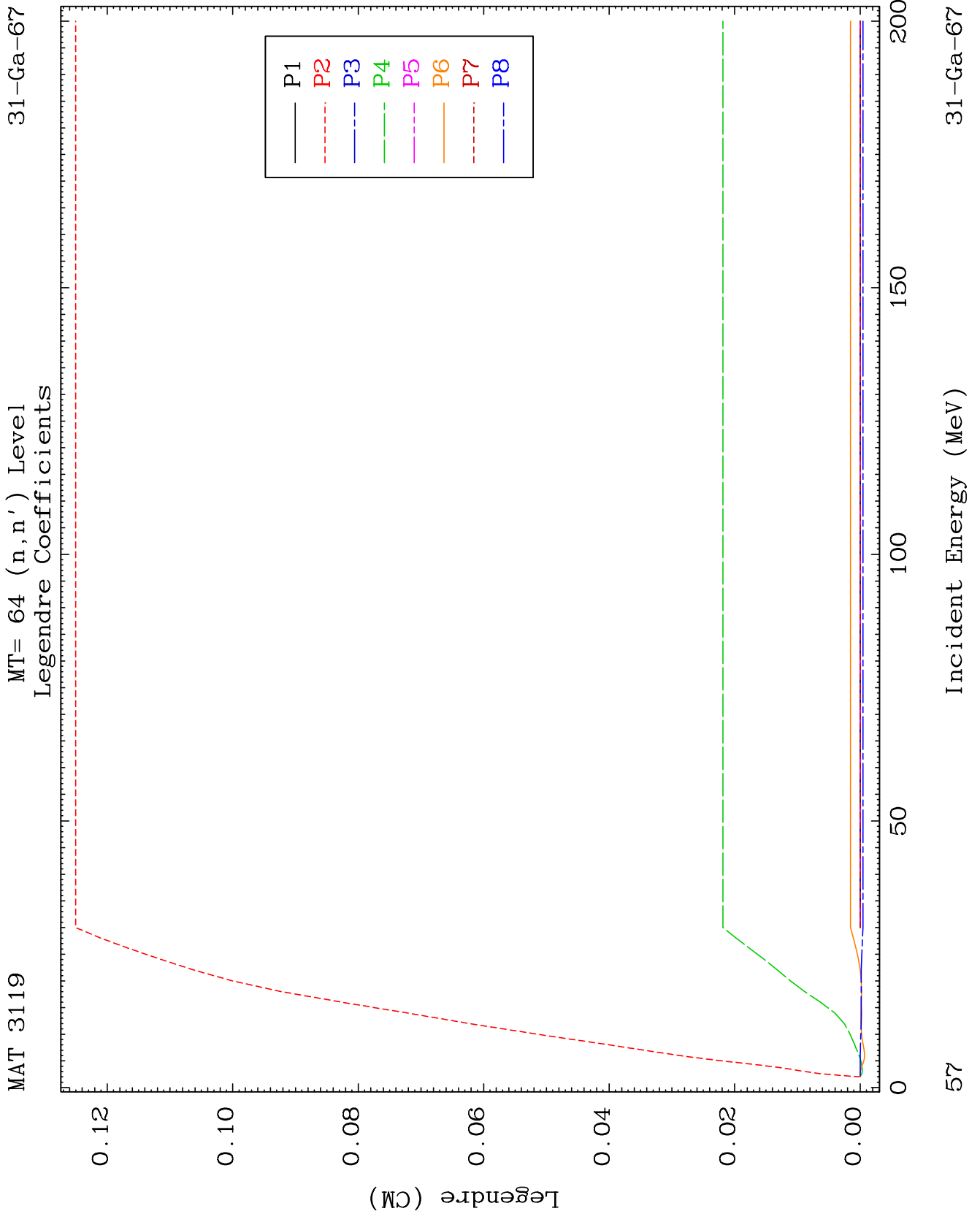
31-Ga-67



31-Ga-67

Incident Energy (MeV)

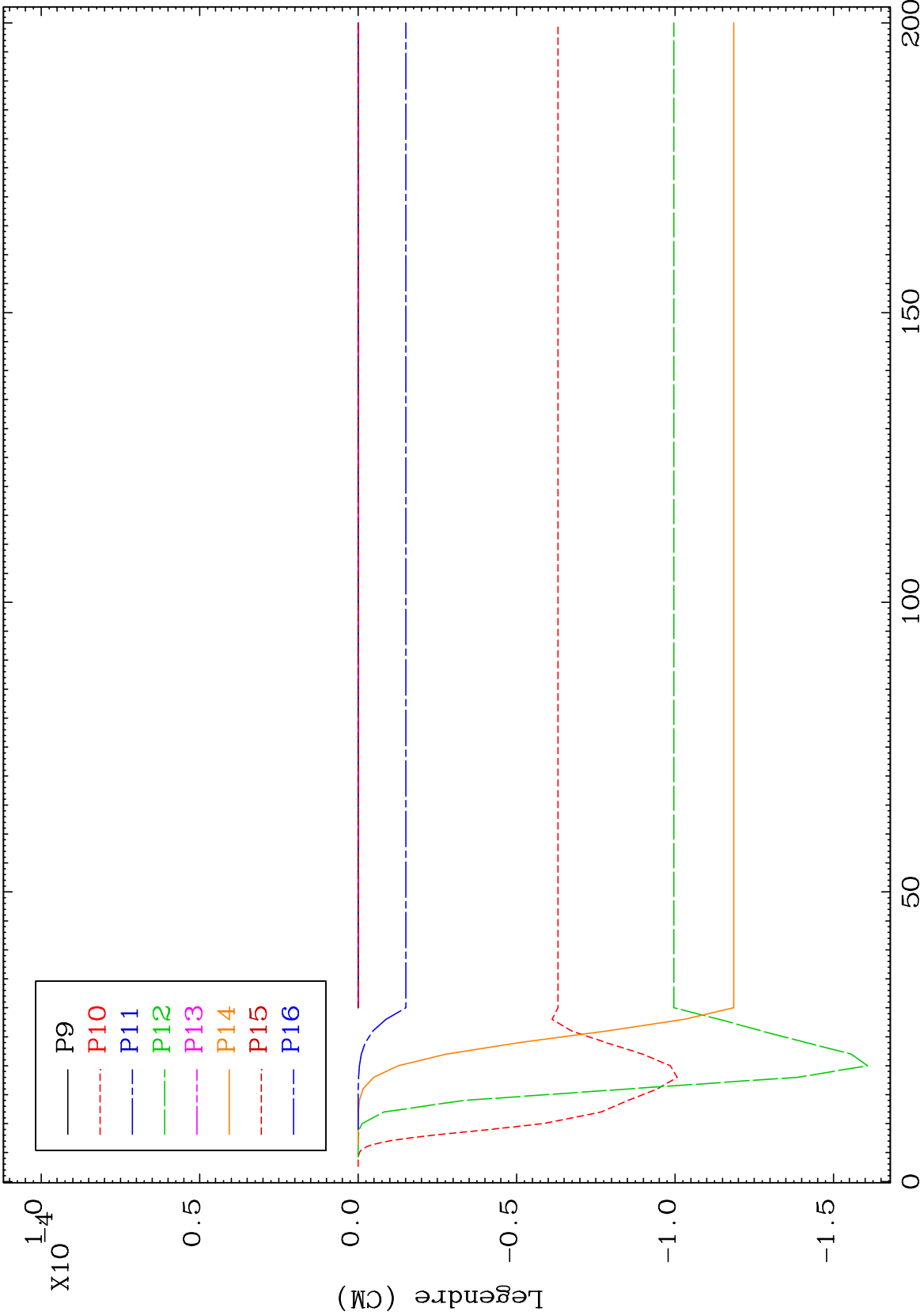
55



MAT 3119

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

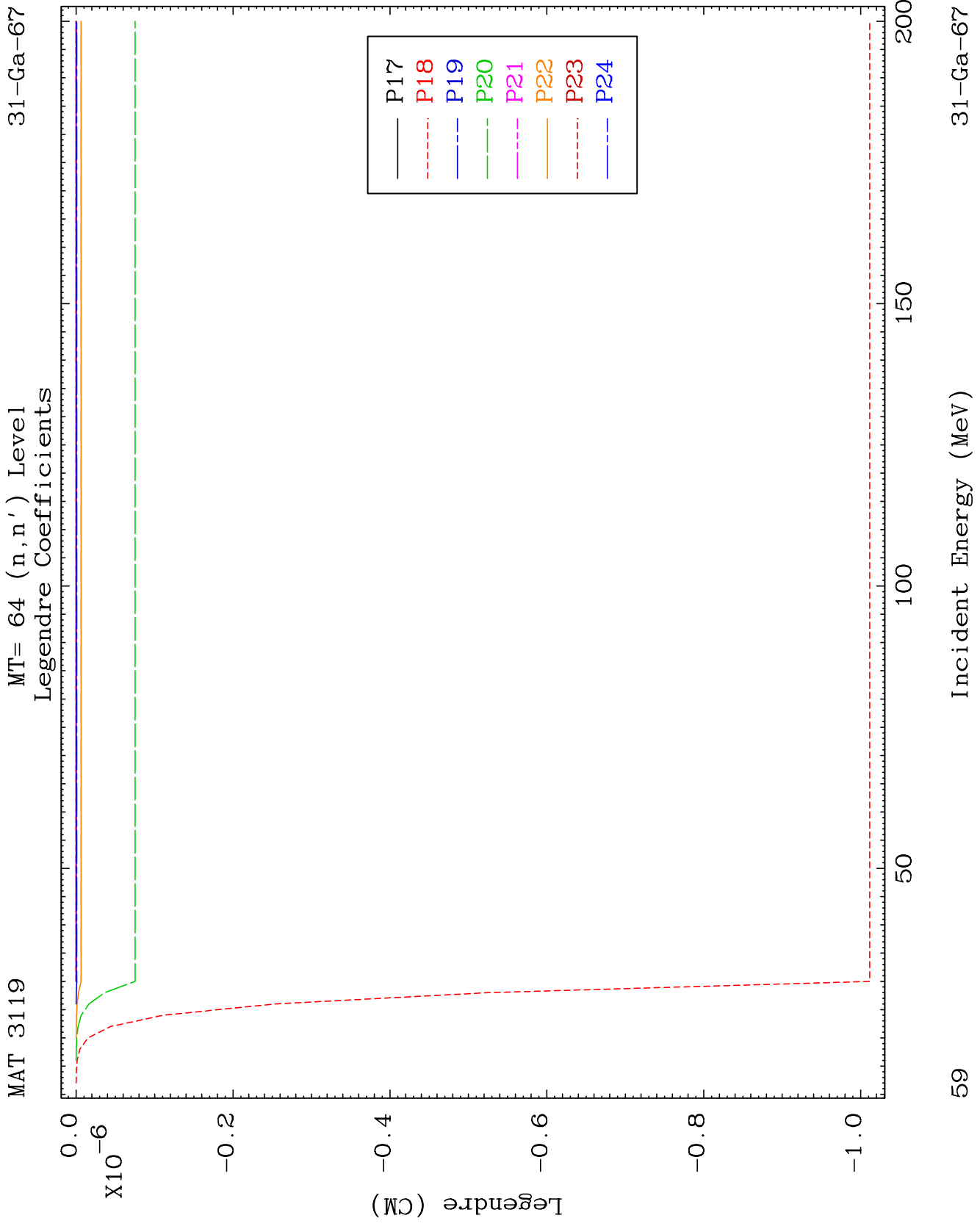
31-Ga-67



58

Incident Energy (MeV)

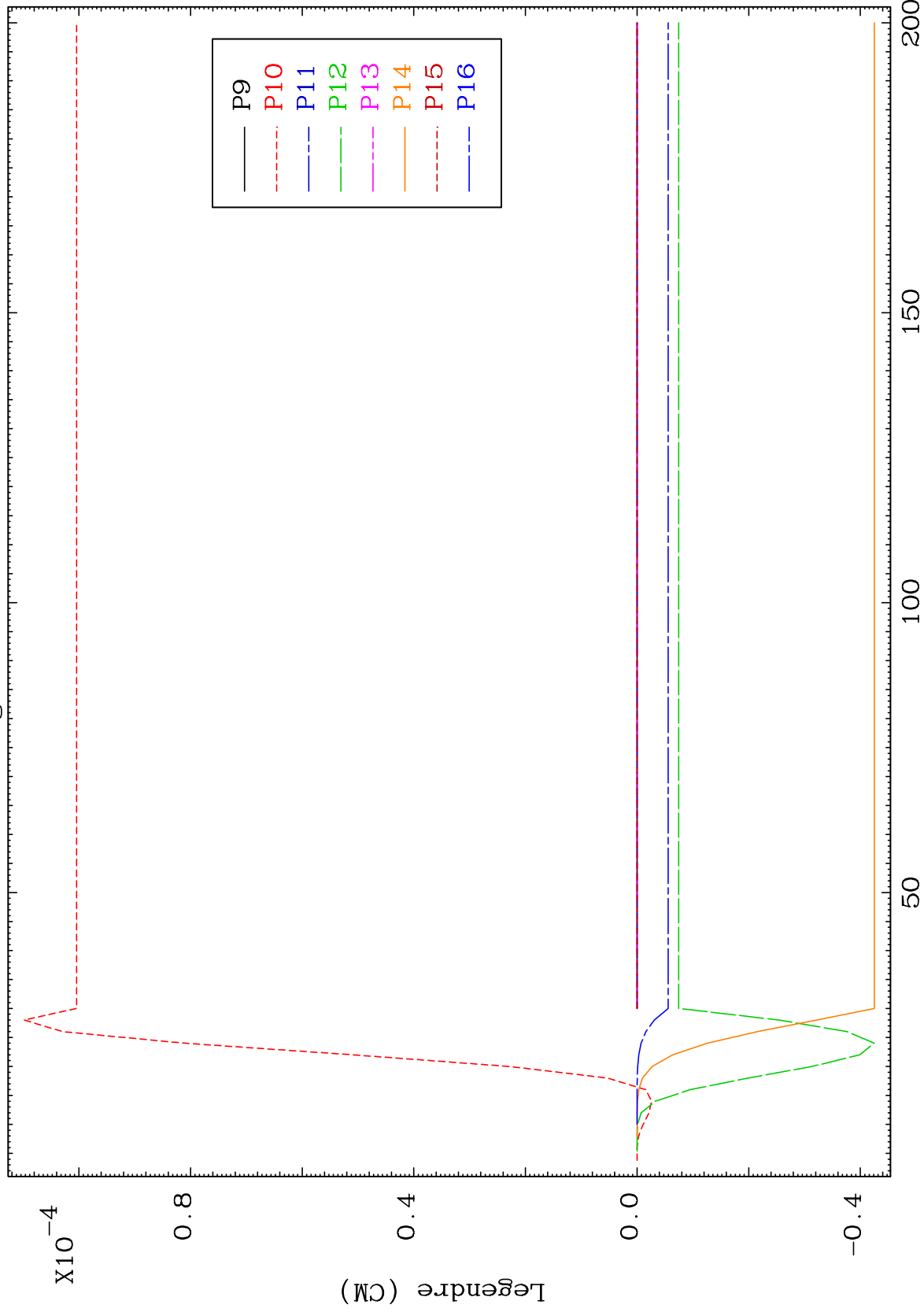
31-Ga-67



MAT 3119

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

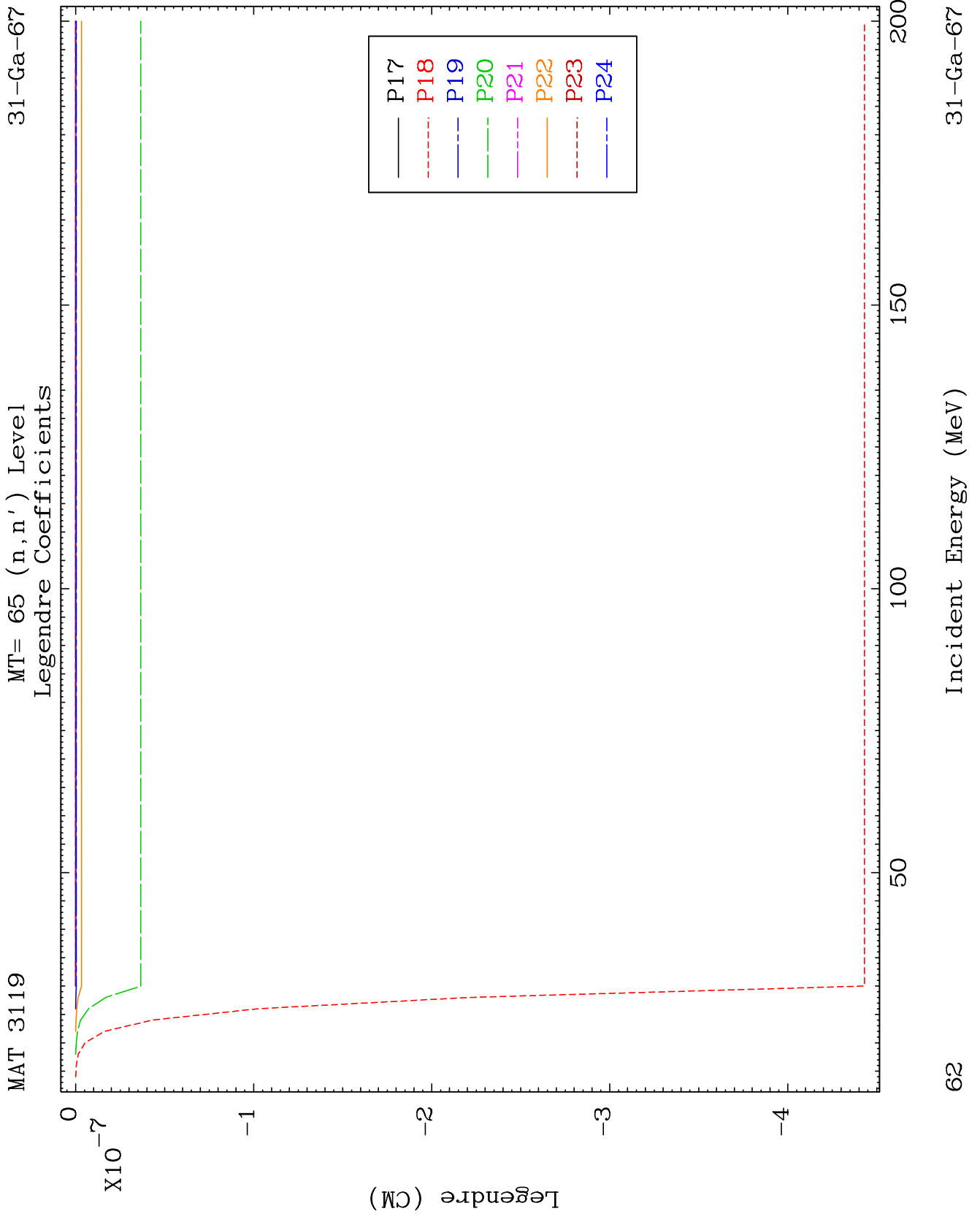
31-Ga-67



61

Incident Energy (MeV)

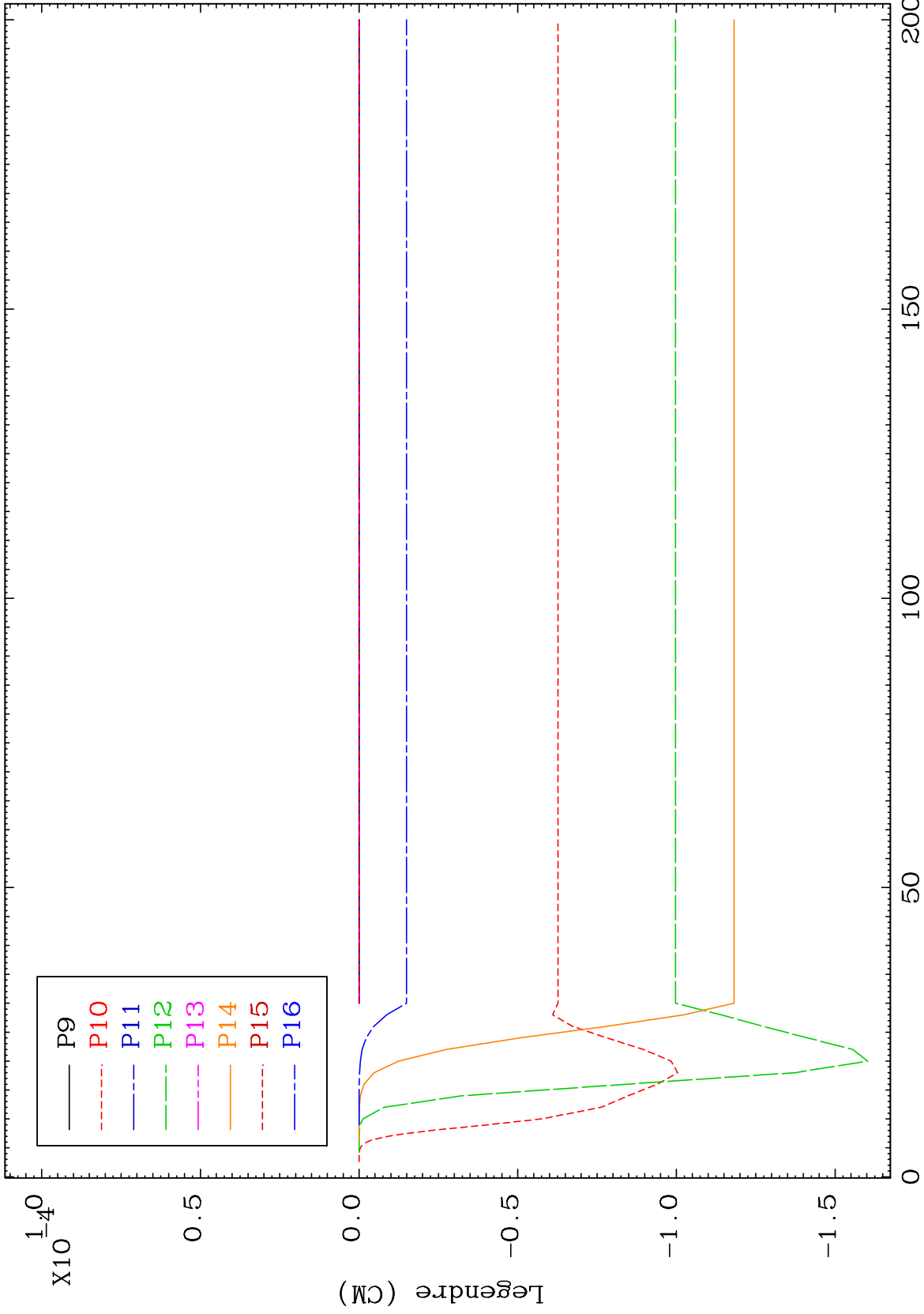
31-Ga-67



MAT 3119

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

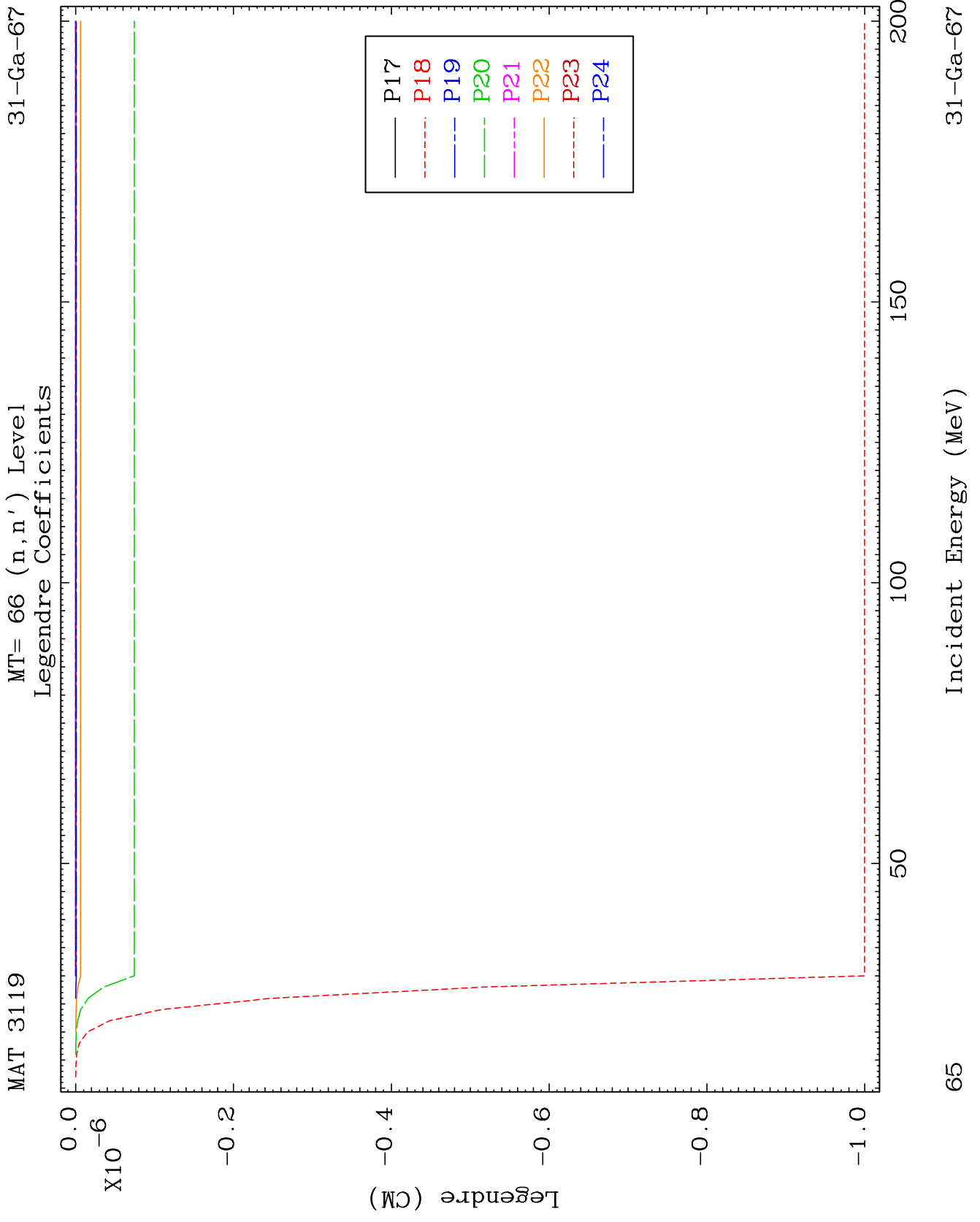
31-Ga-67



64

Incident Energy (MeV)

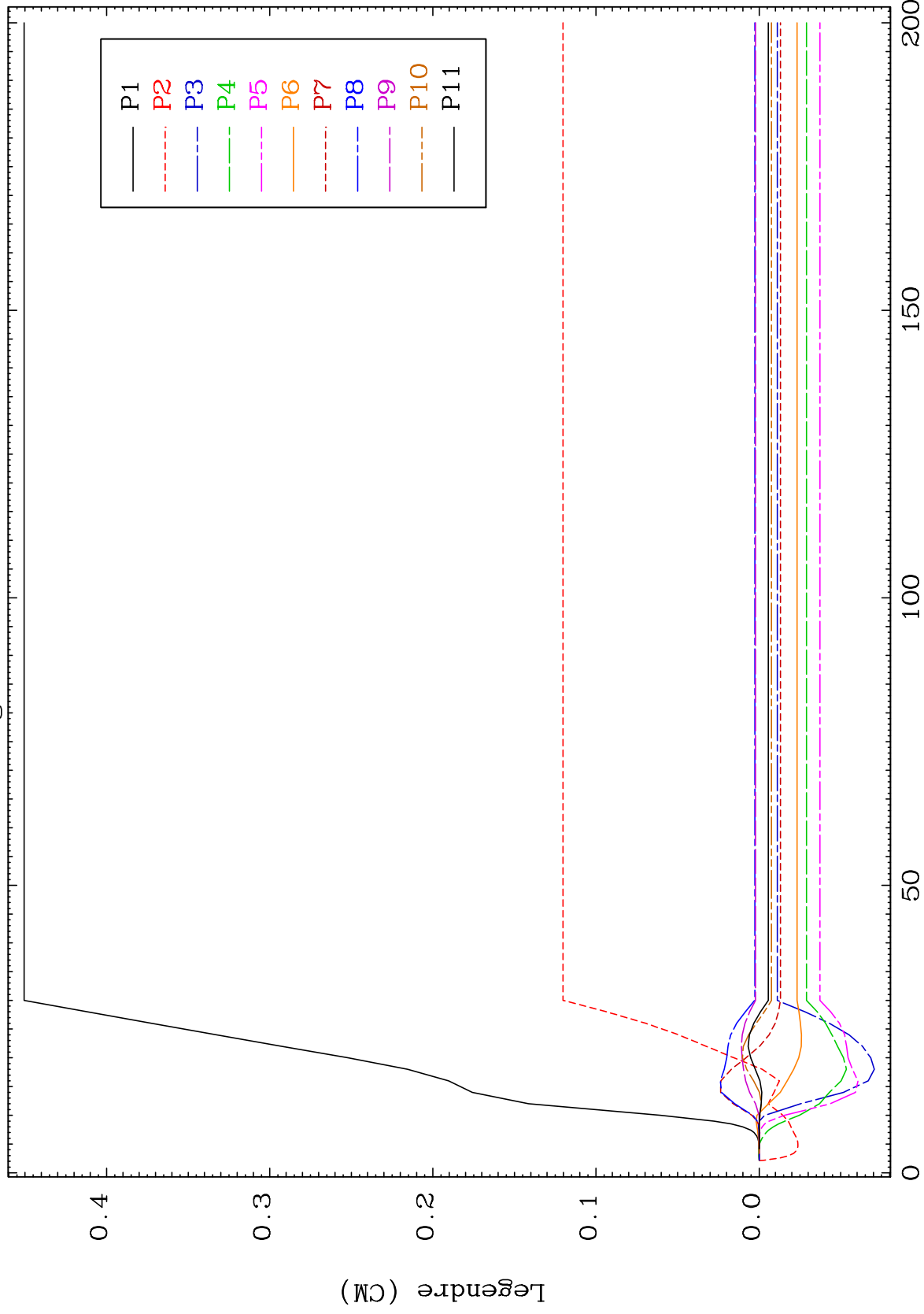
31-Ga-67



MAT 3119

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

31-Ga-67



66

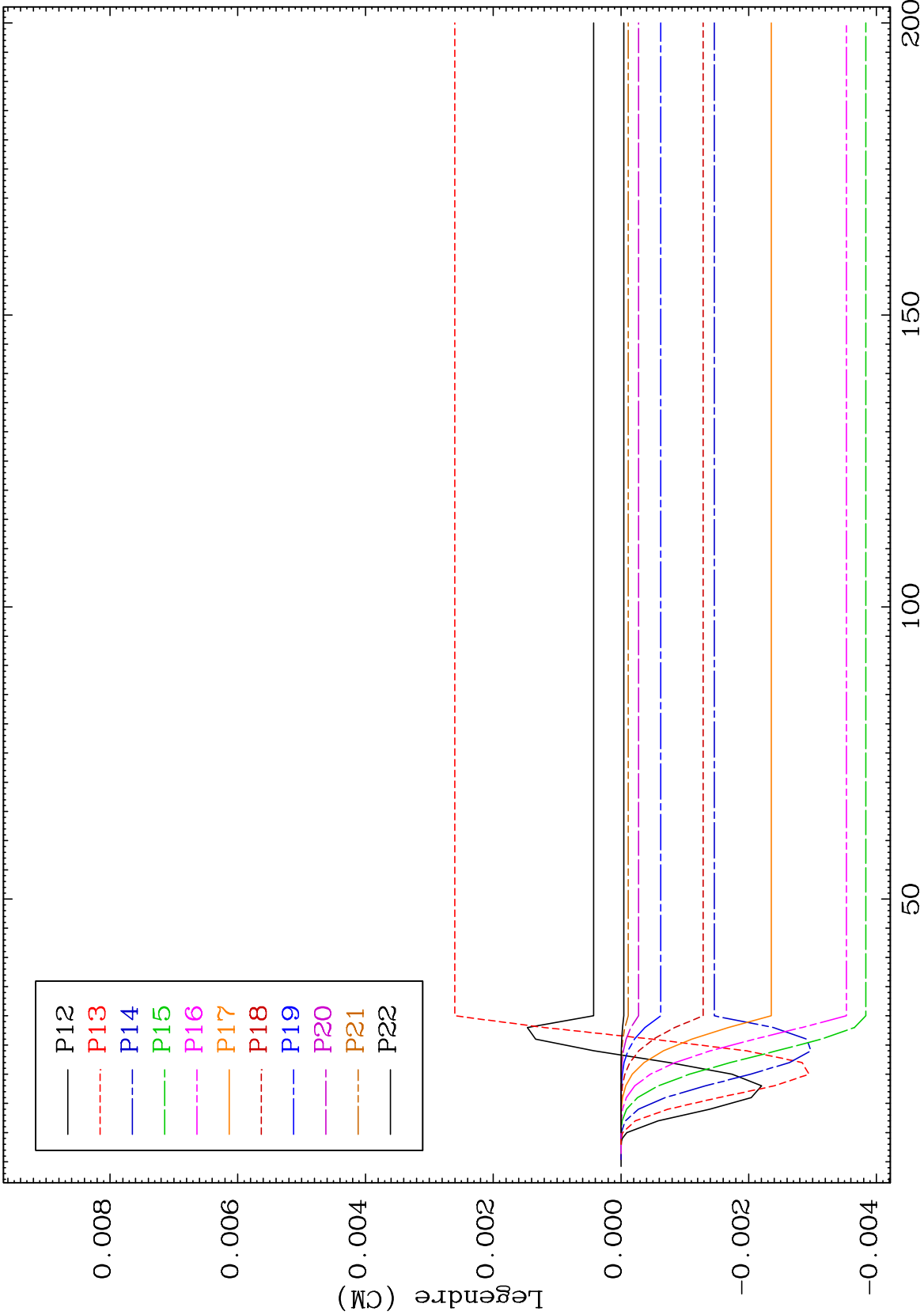
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

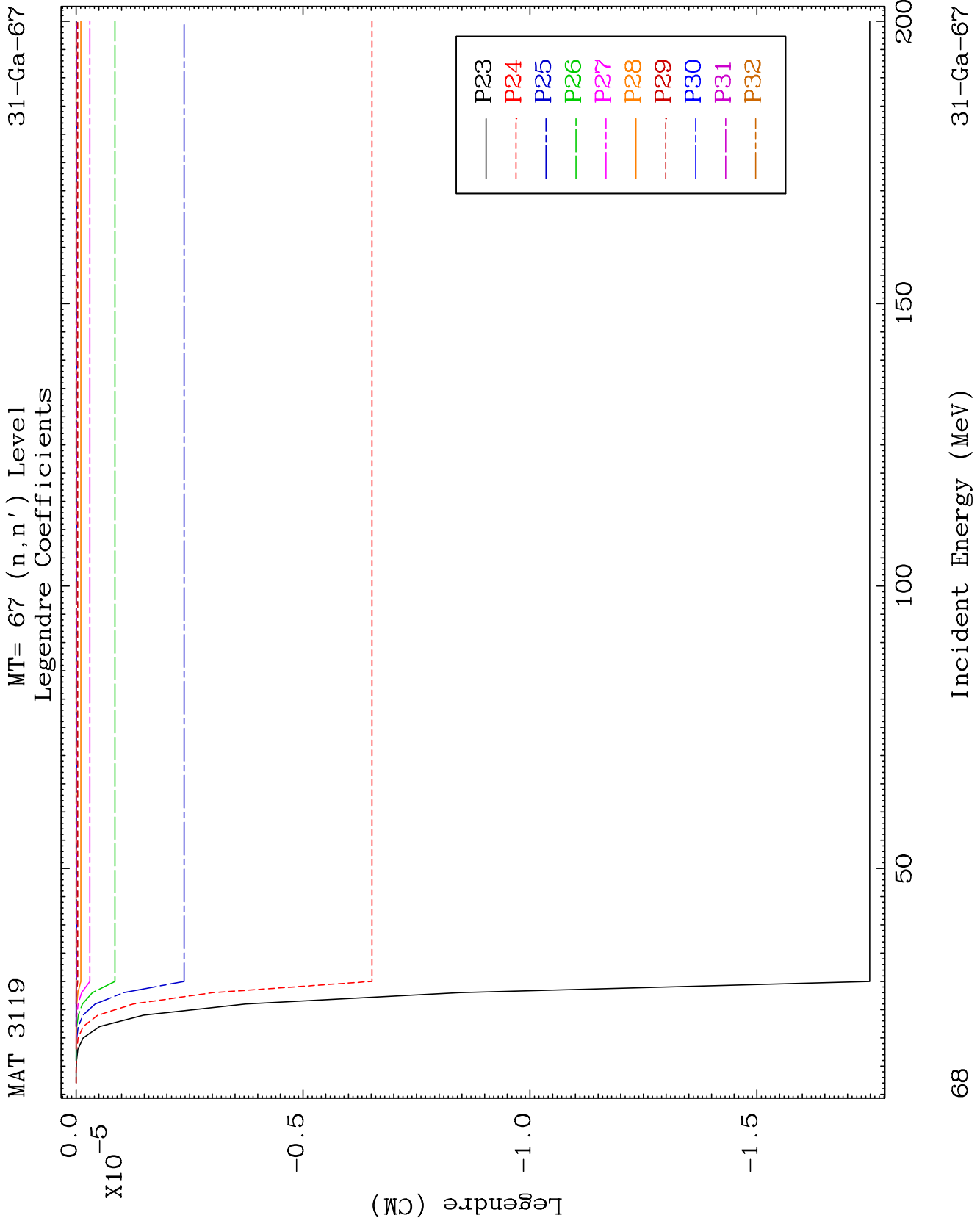
31-Ga-67

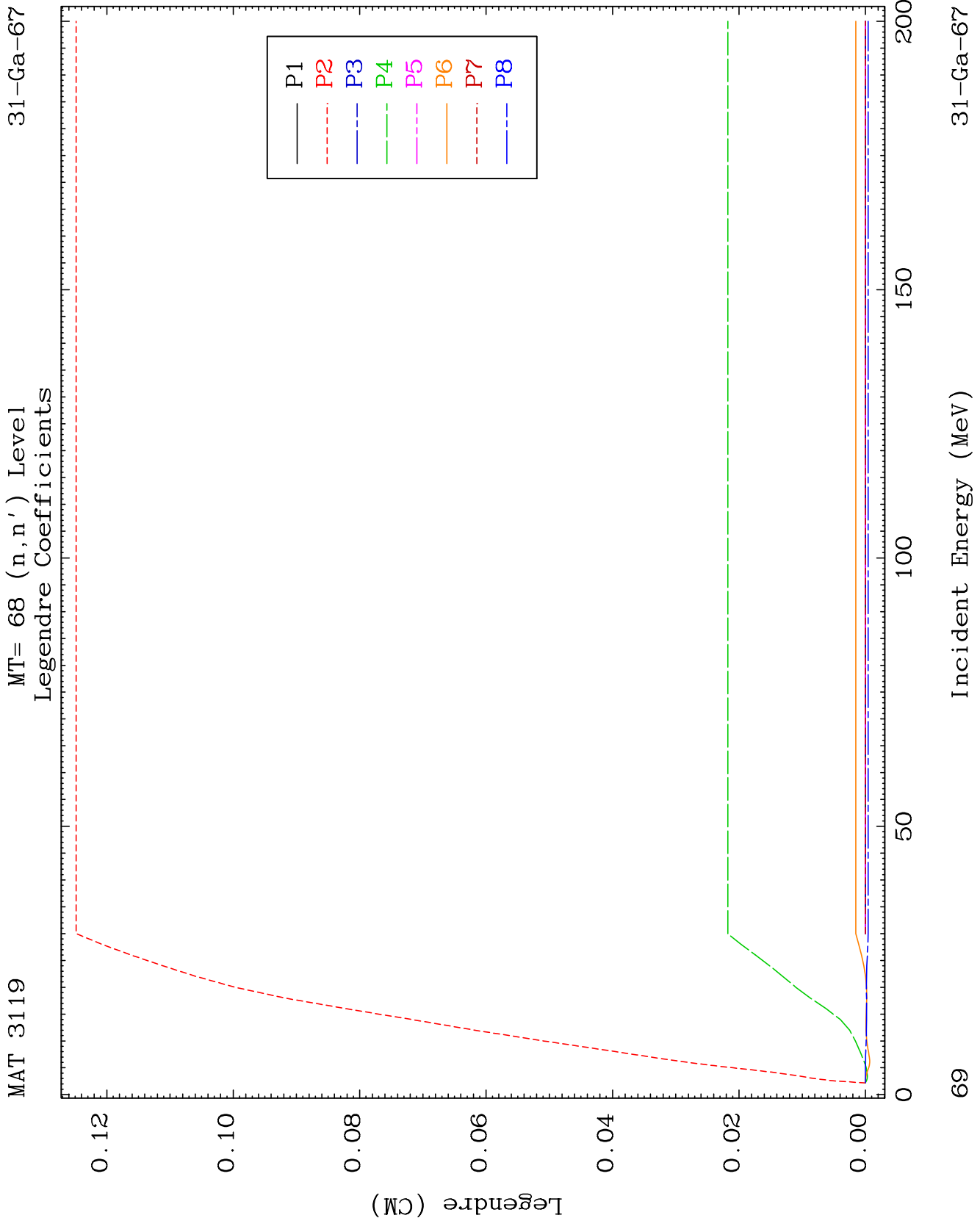


67

Incident Energy (MeV)

31-Ga-67

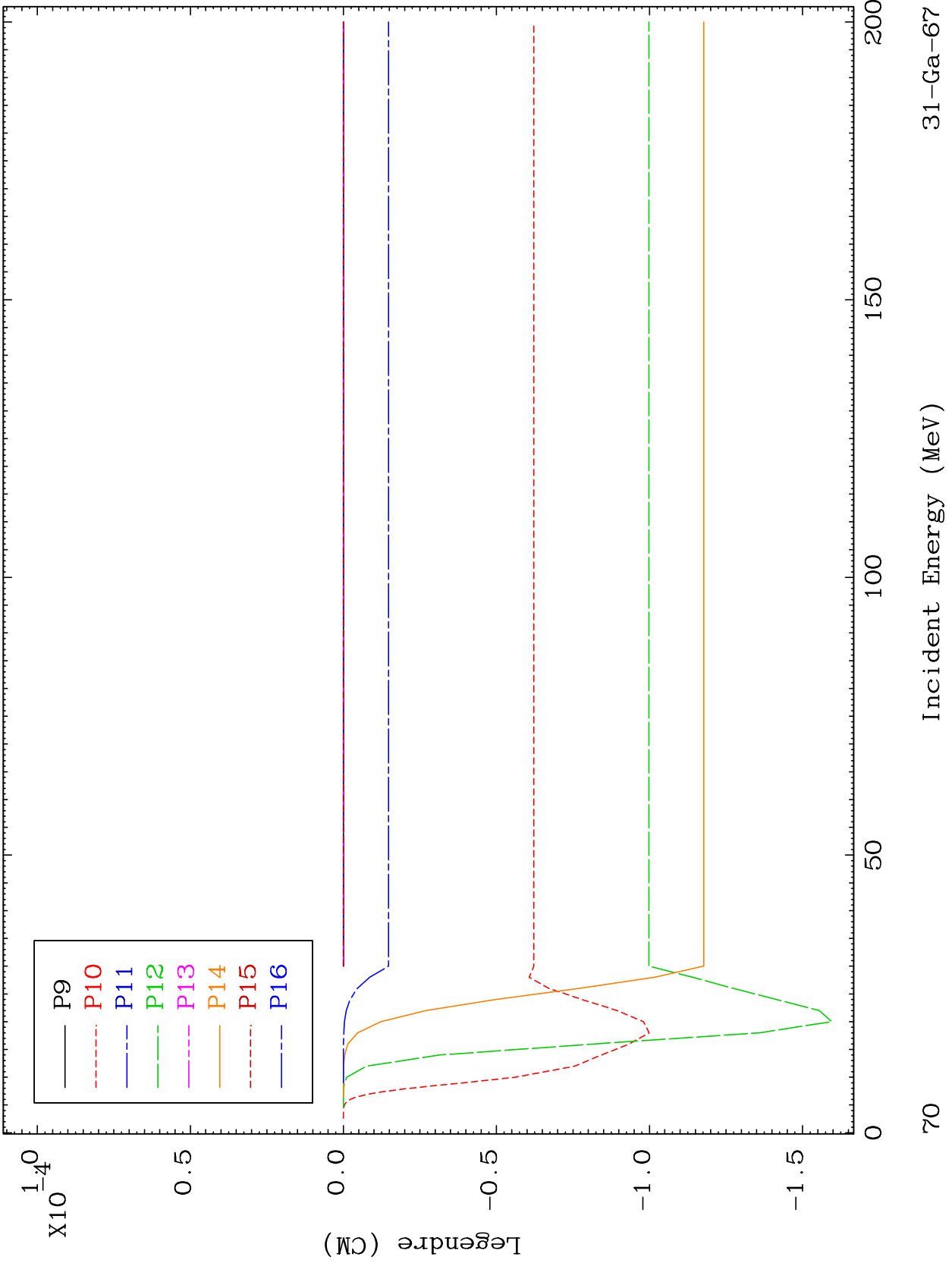


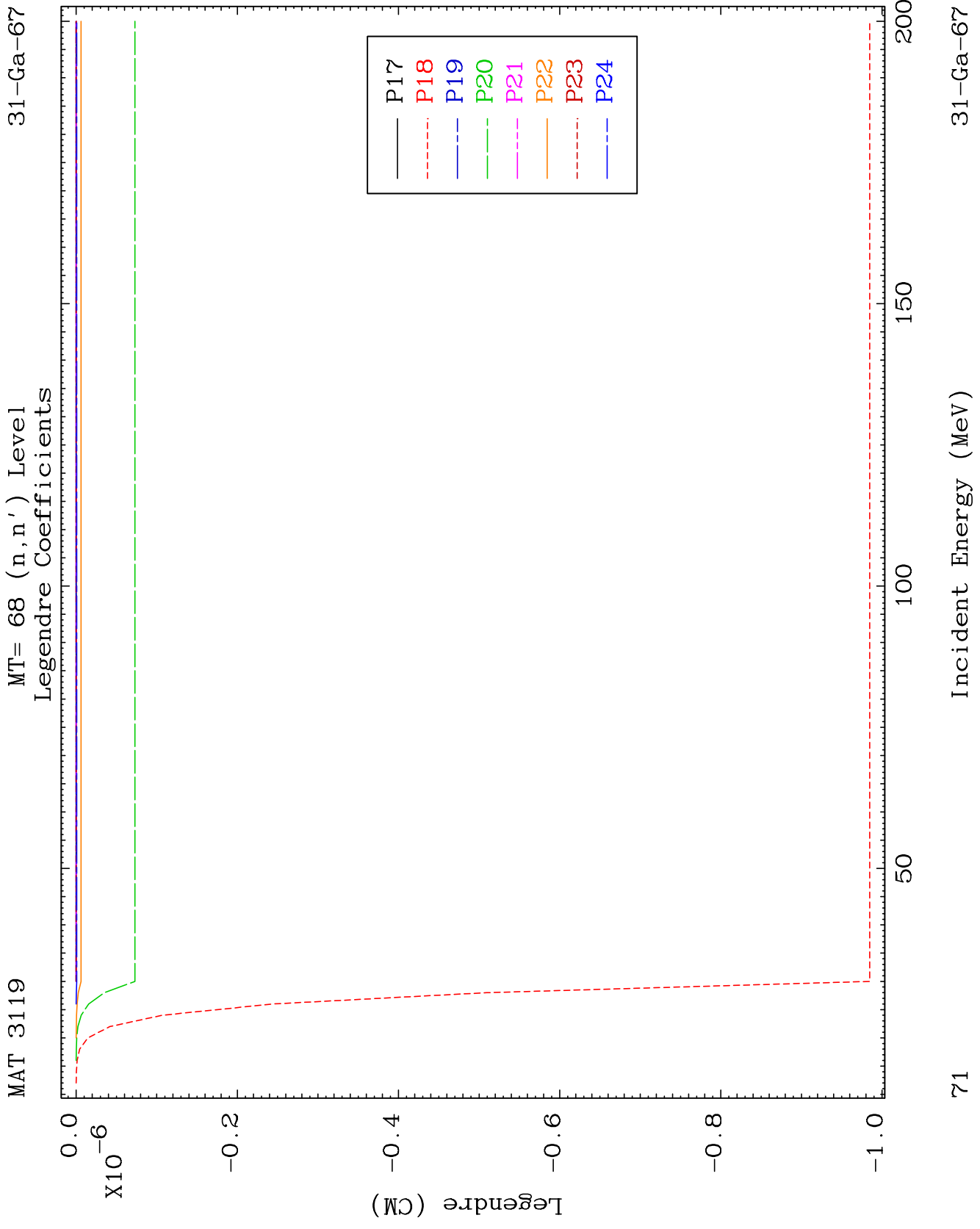


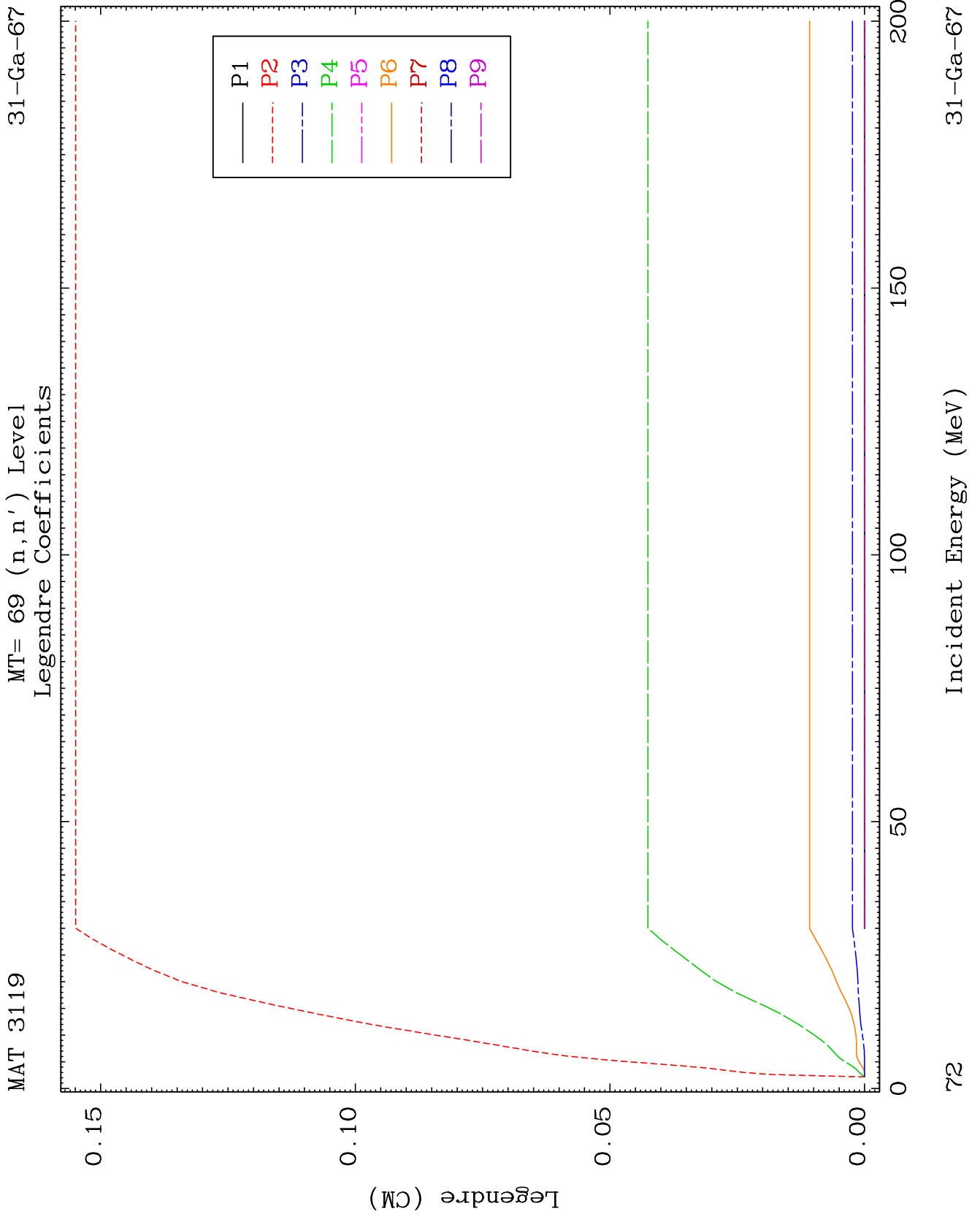
MAT 3119

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

31-Ga-67



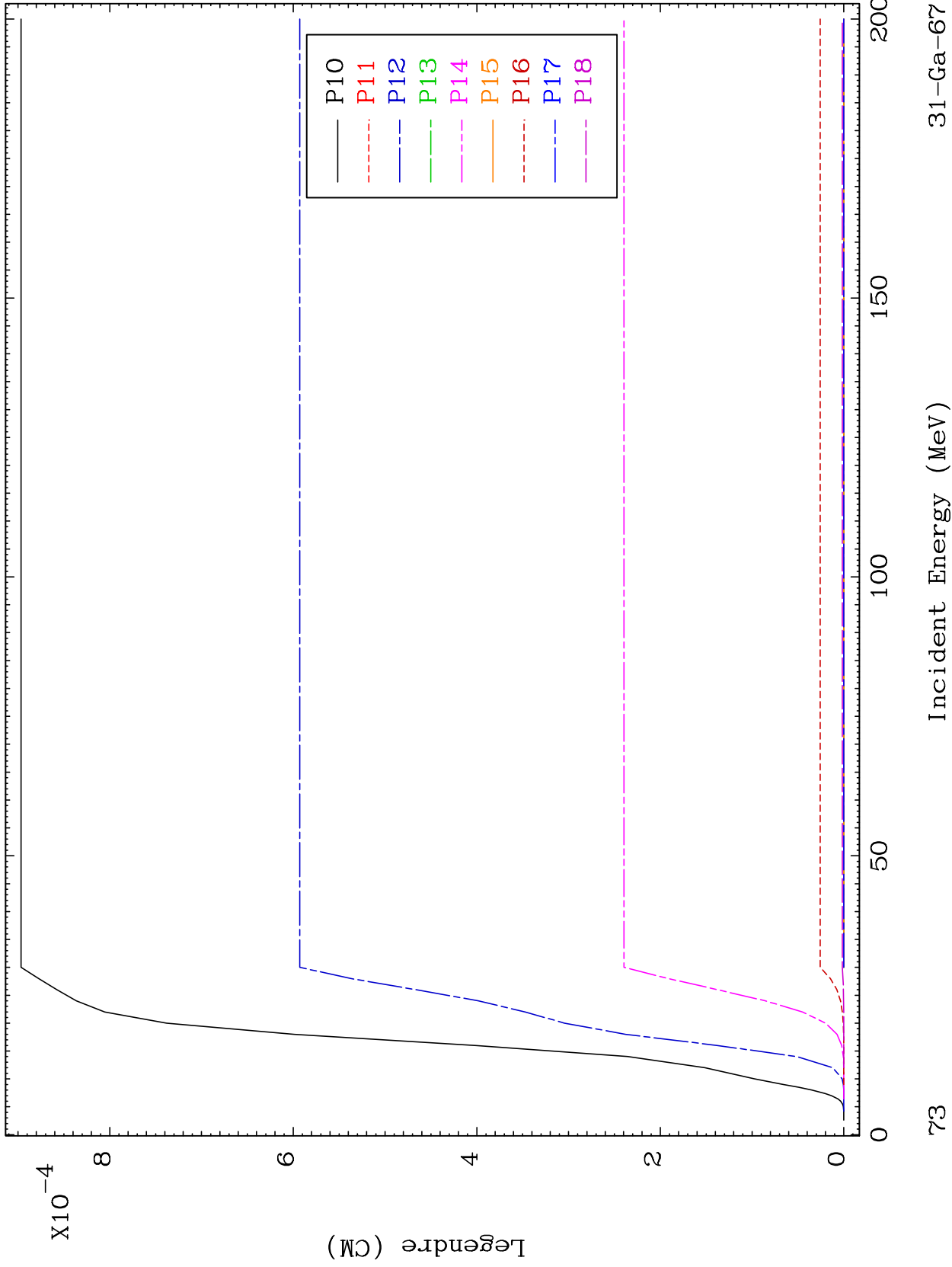




MAT 3119

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

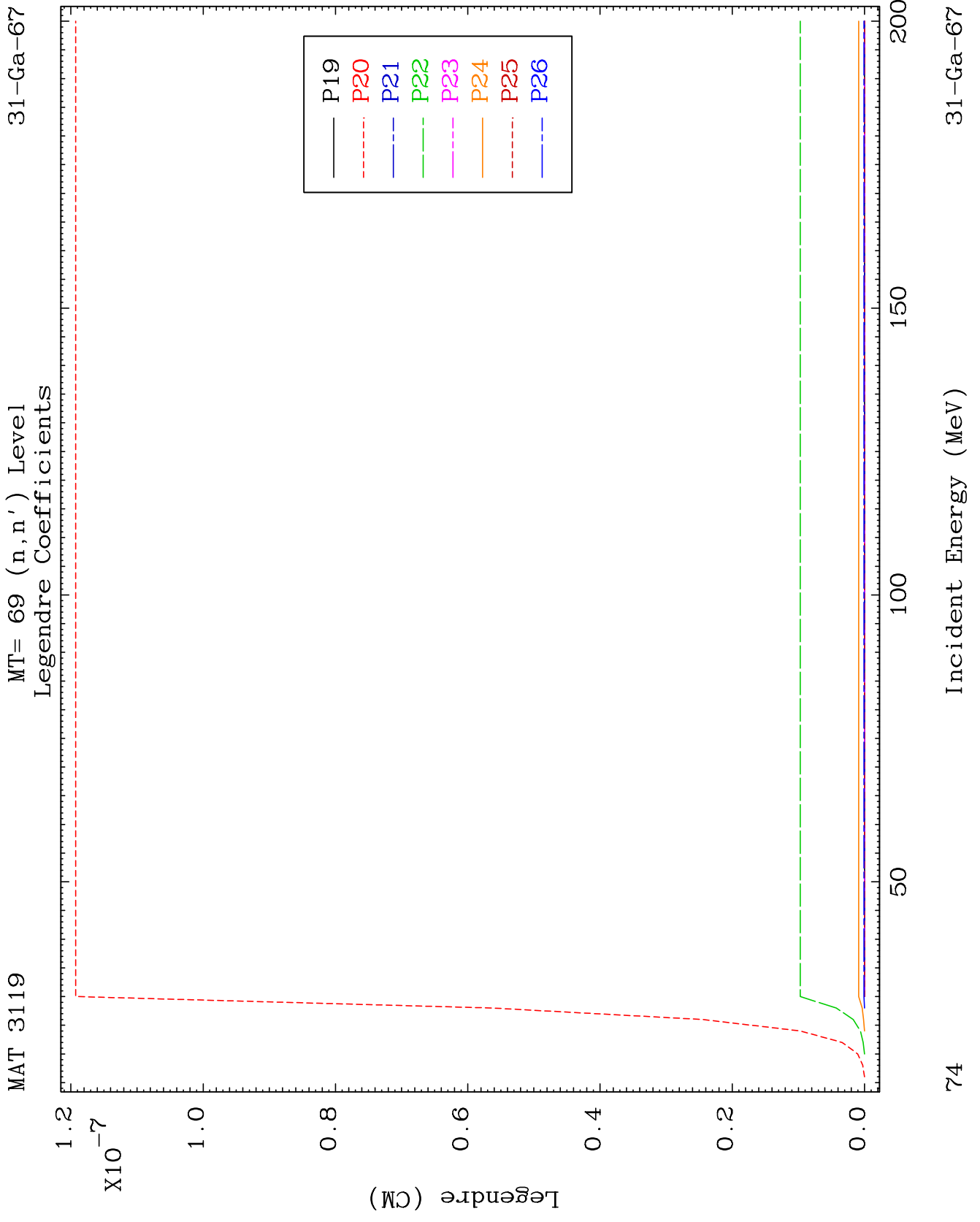
31-Ga-67

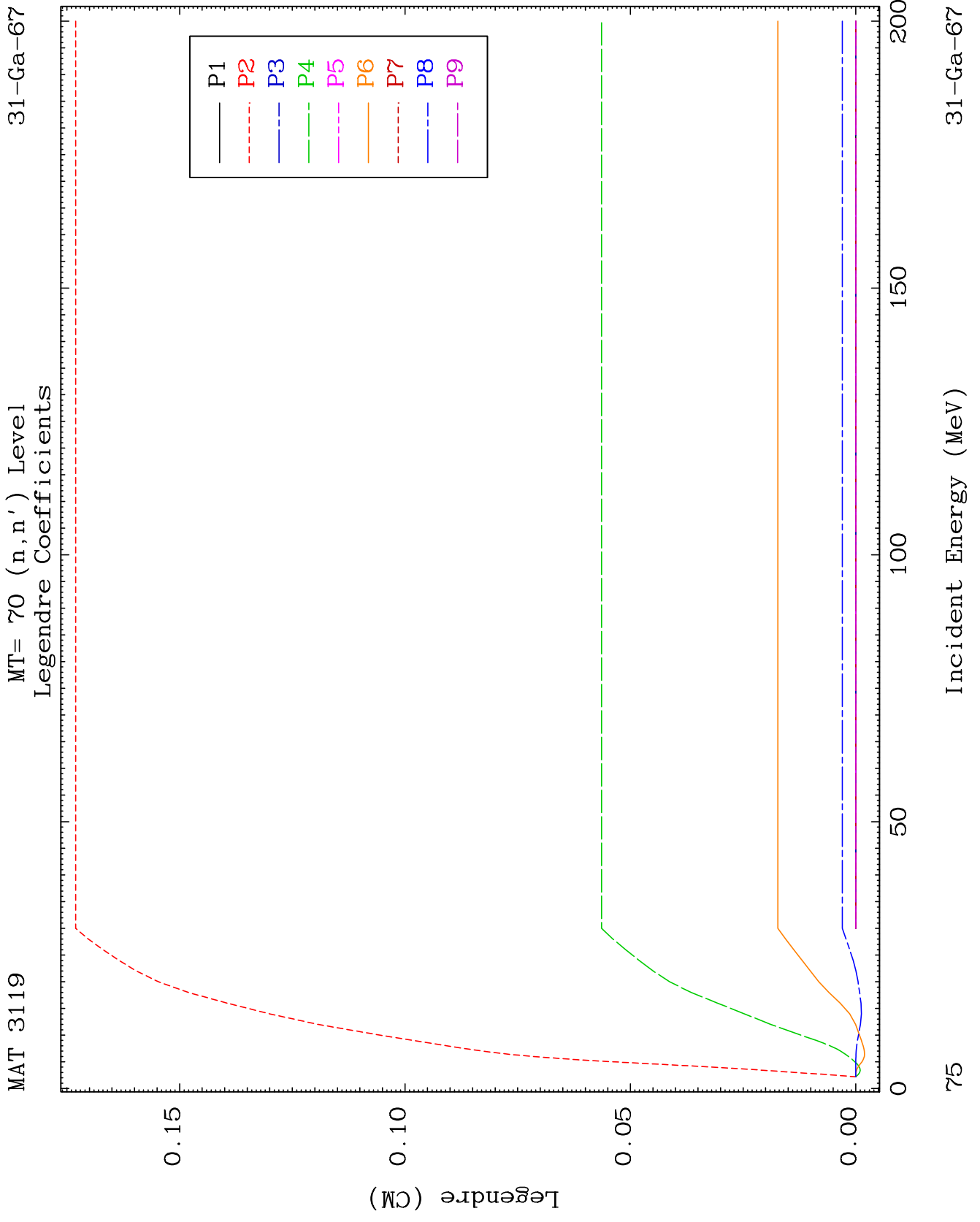


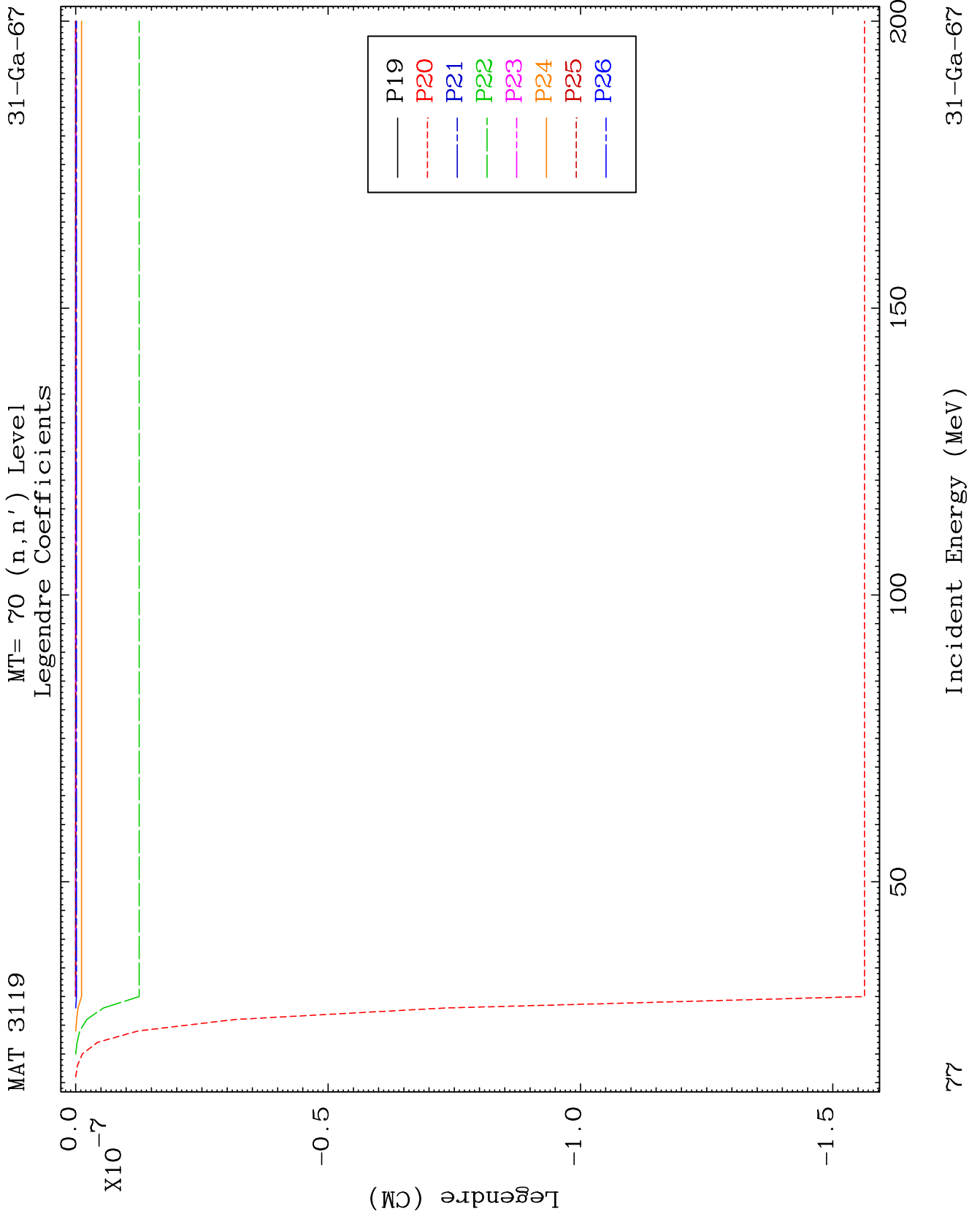
73

Incident Energy (MeV)

31-Ga-67



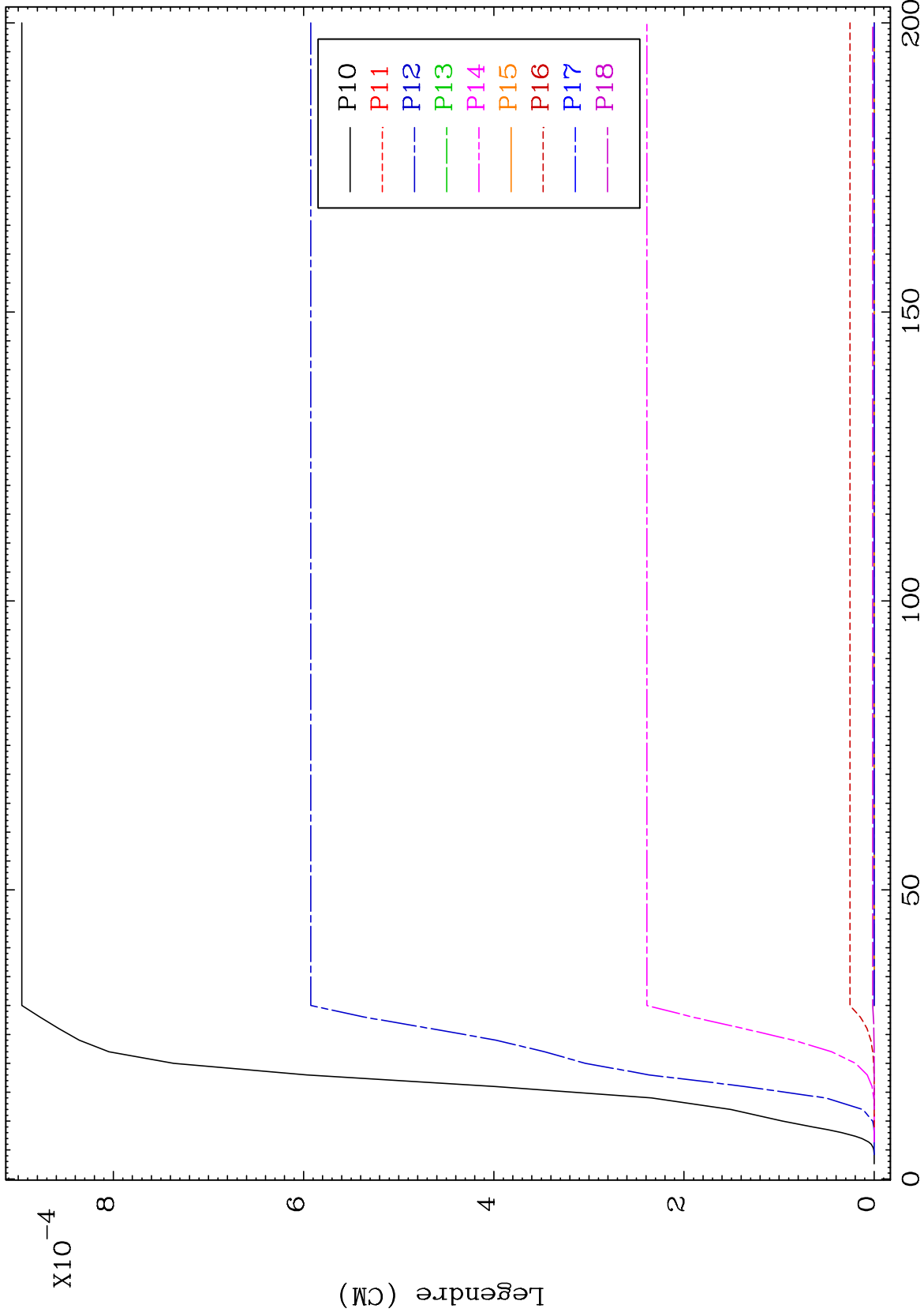




MAT 3119

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

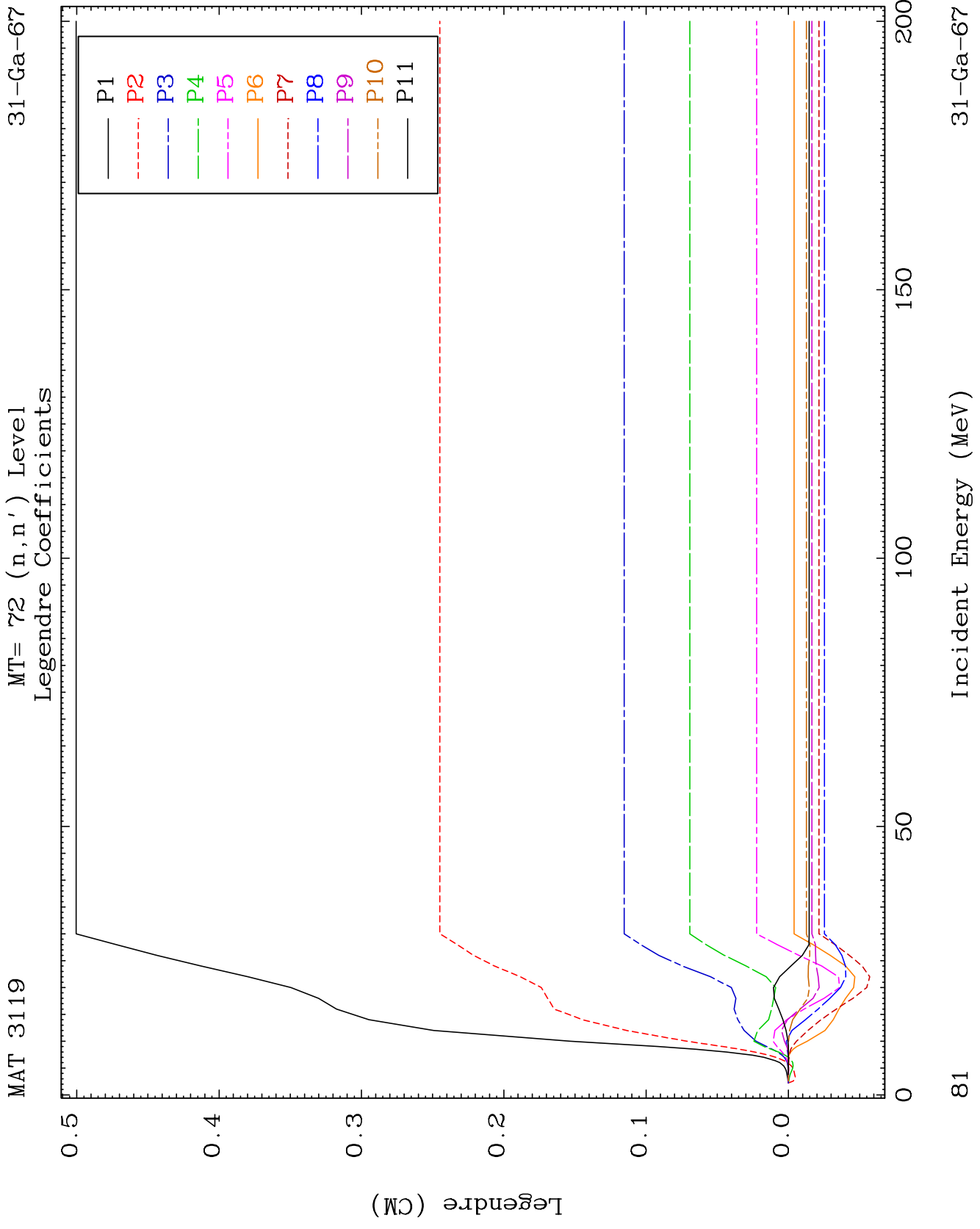
31-Ga-67



79

Incident Energy (MeV)

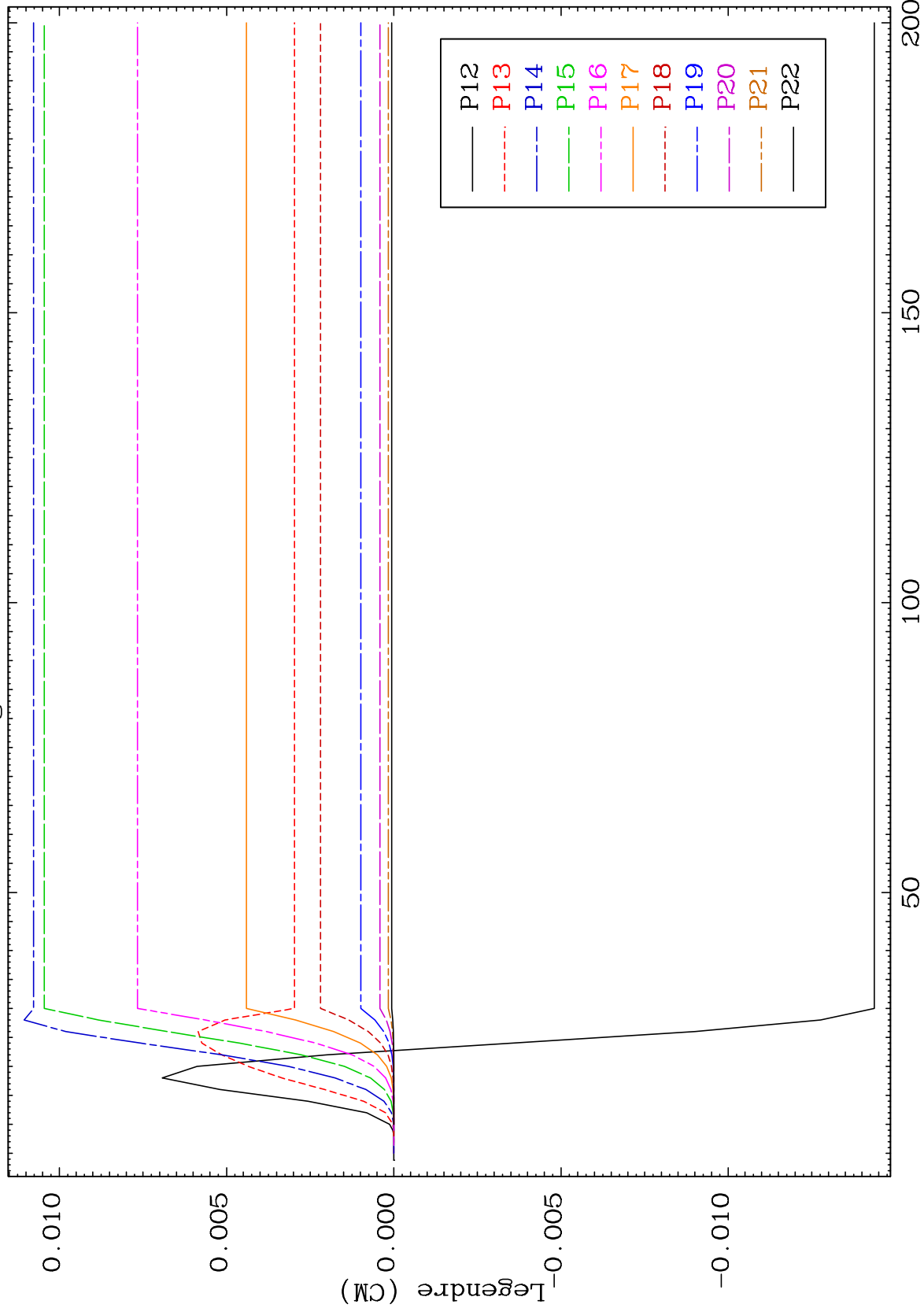
31-Ga-67



MAT 3119

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

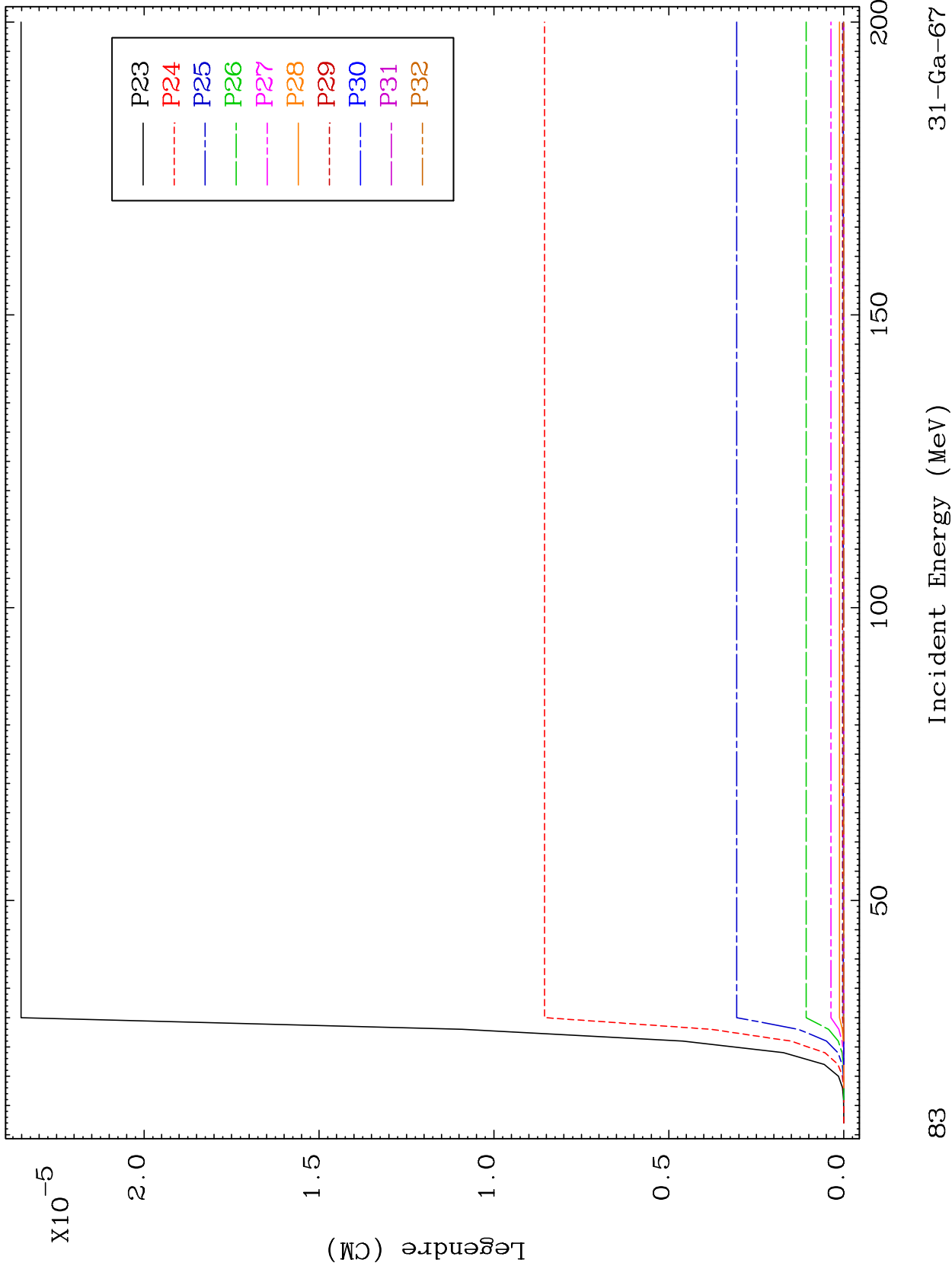
31-Ga-67

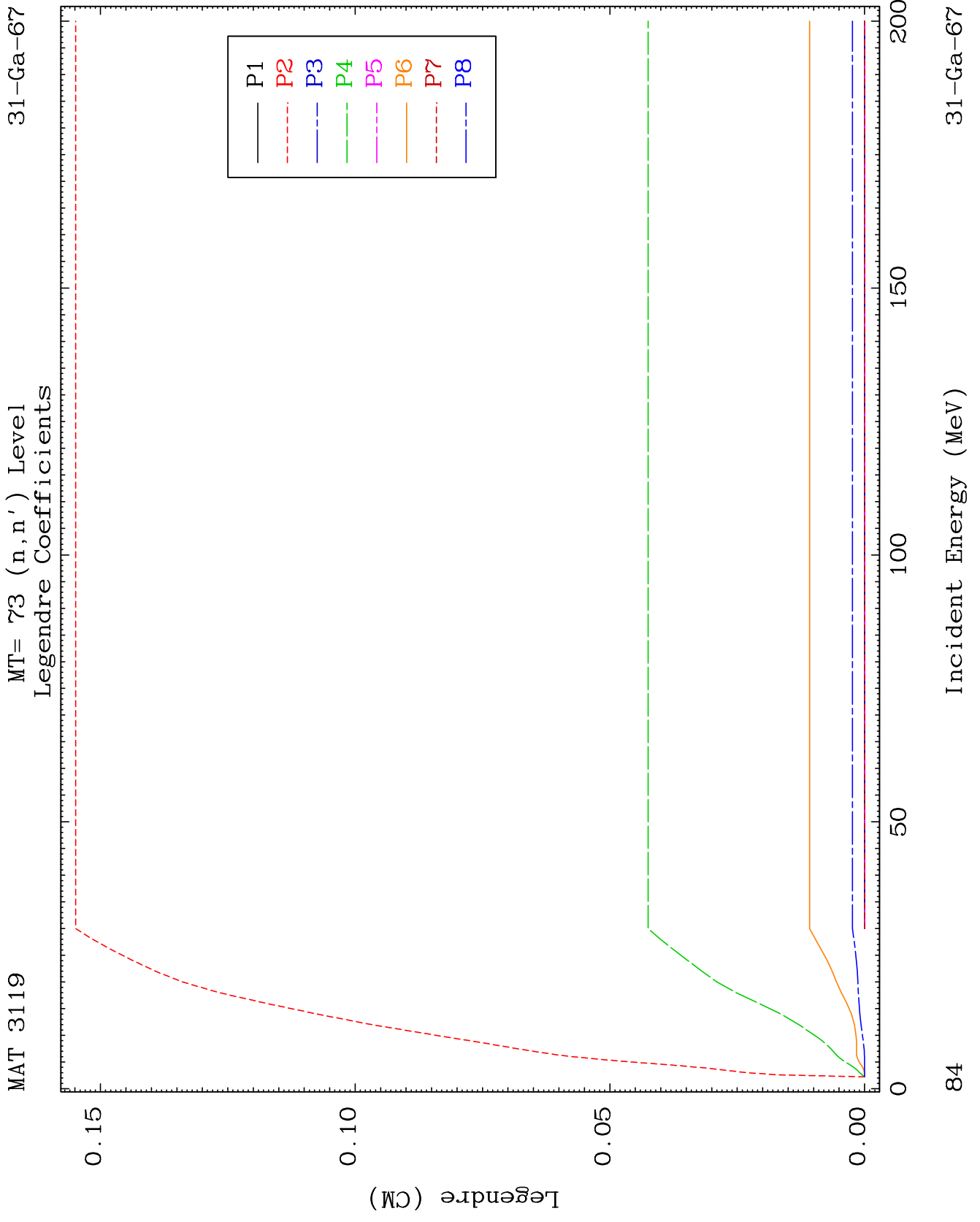


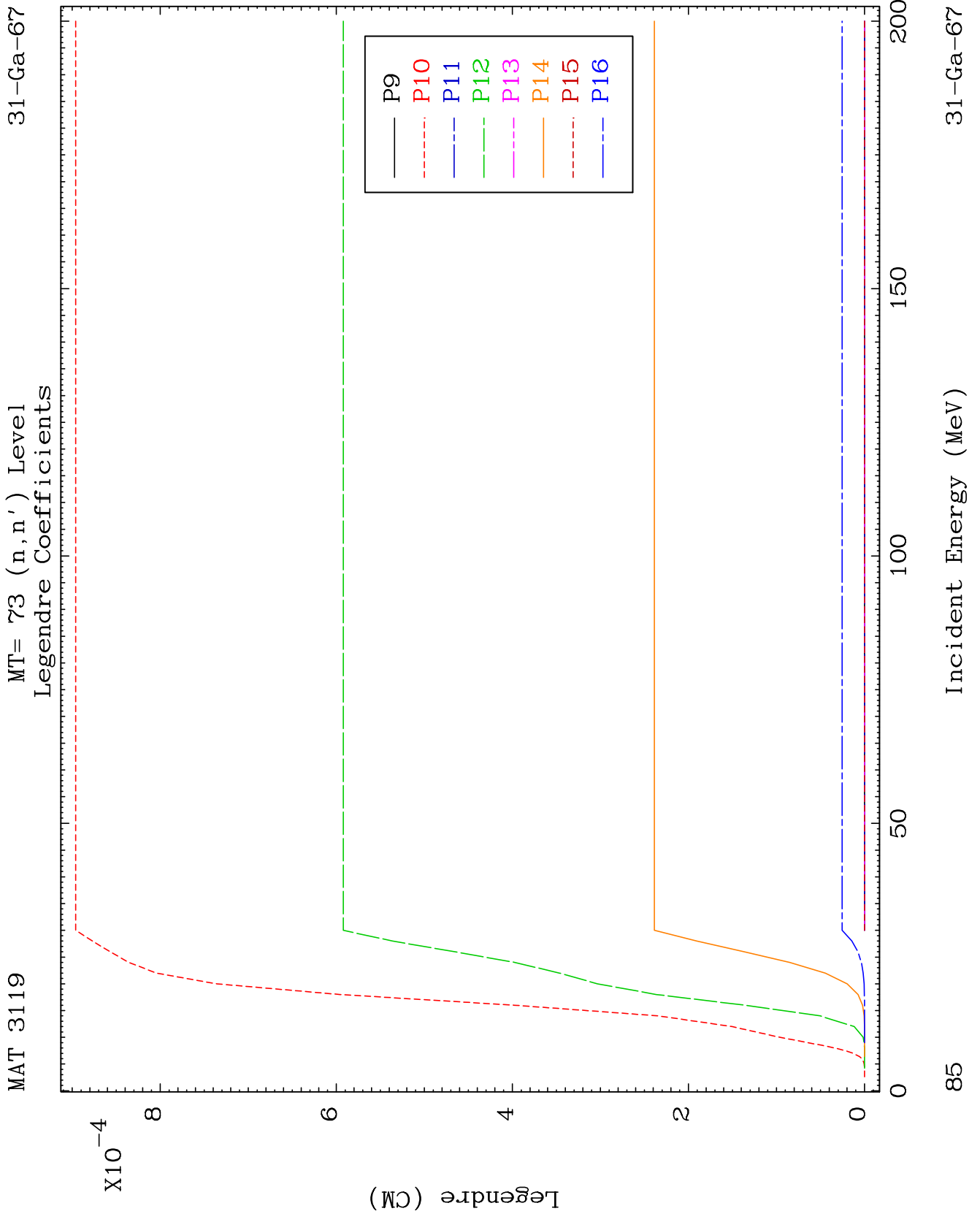
82

Incident Energy (MeV)

31-Ga-67



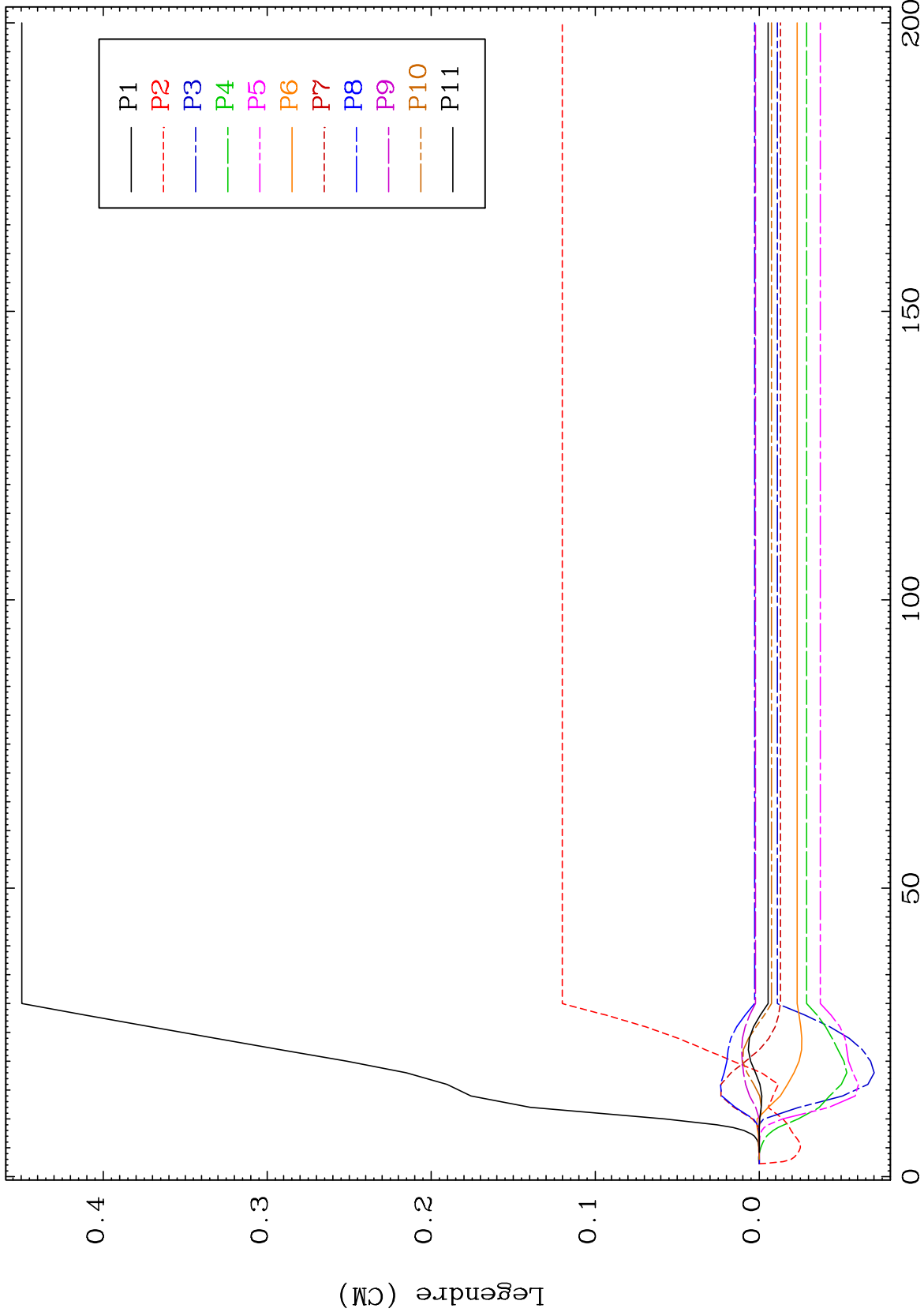




MAT 3119

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

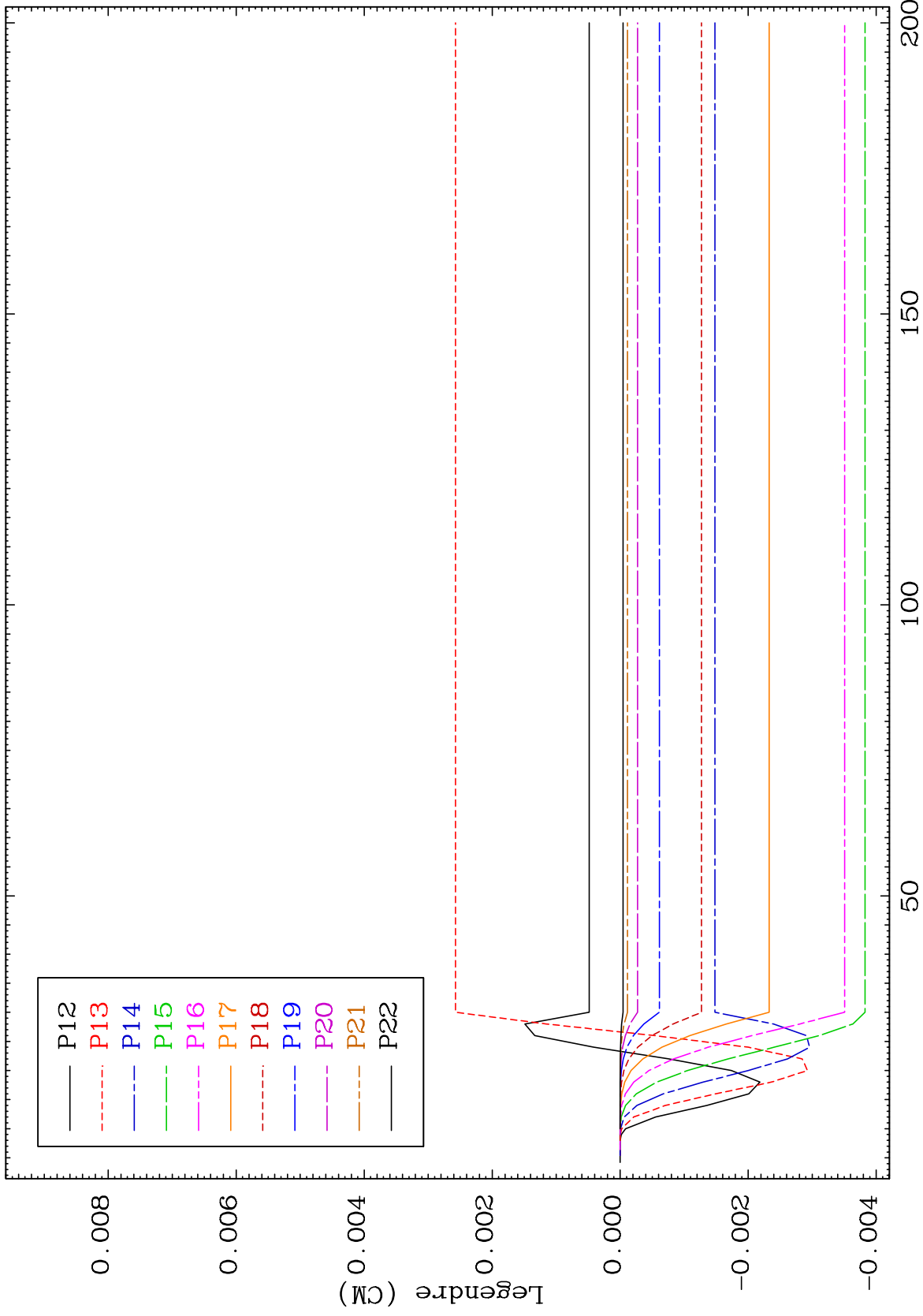
31-Ga-67



87

31-Ga-67

31-Ga-67

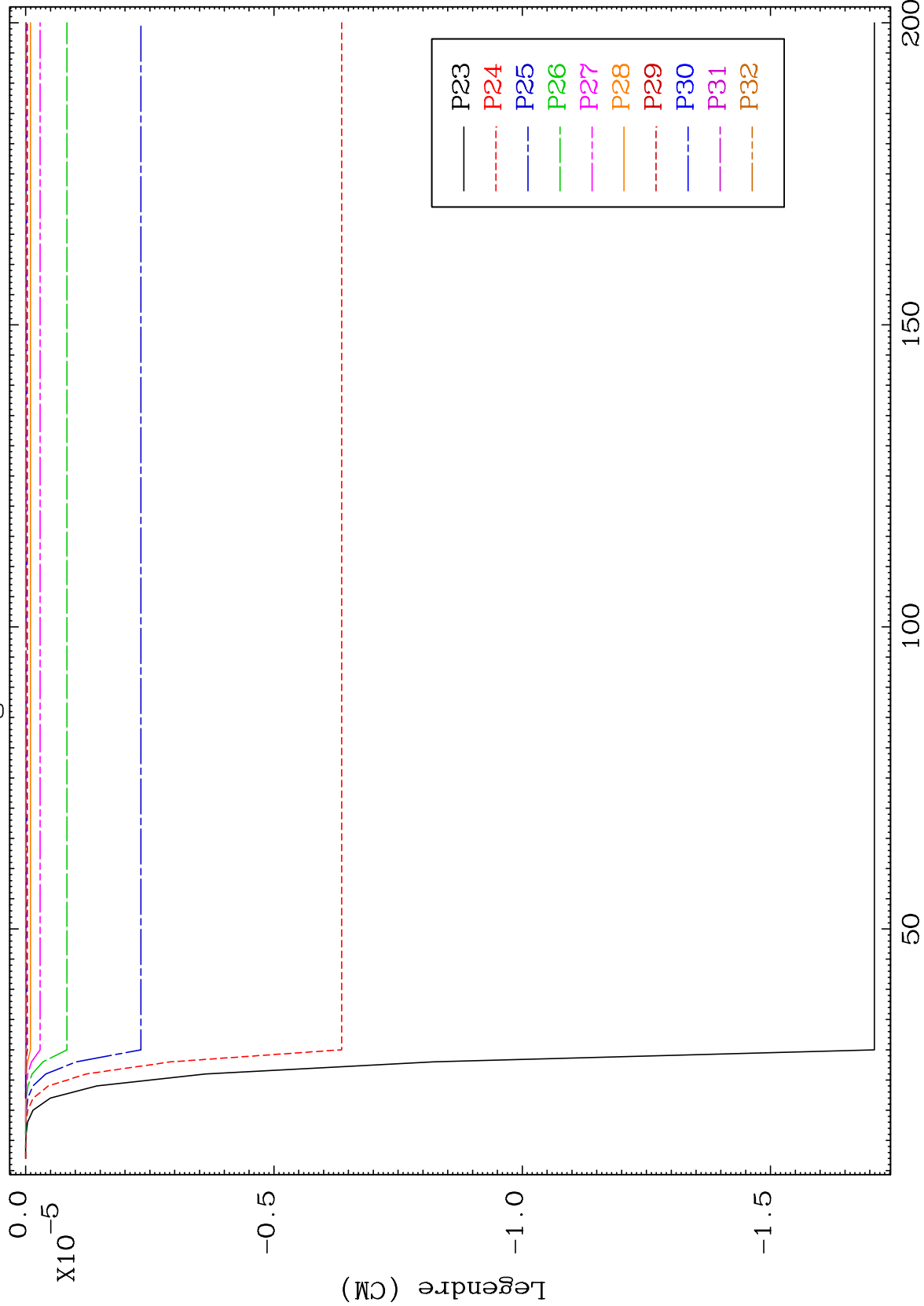


MAT 3119

MT= 74 (n,n') Level

31-Ga-67

Legendre Coefficients



89

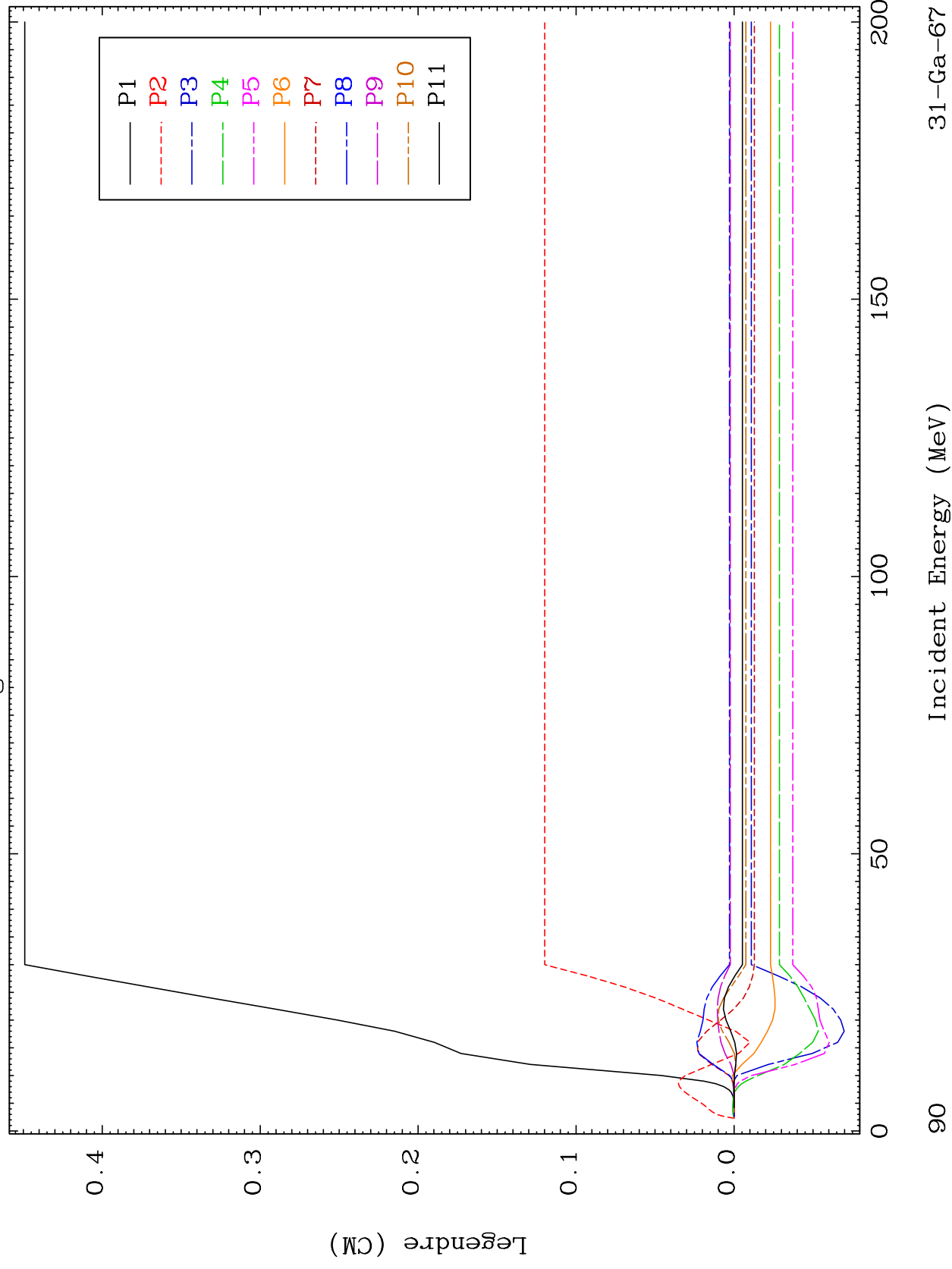
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

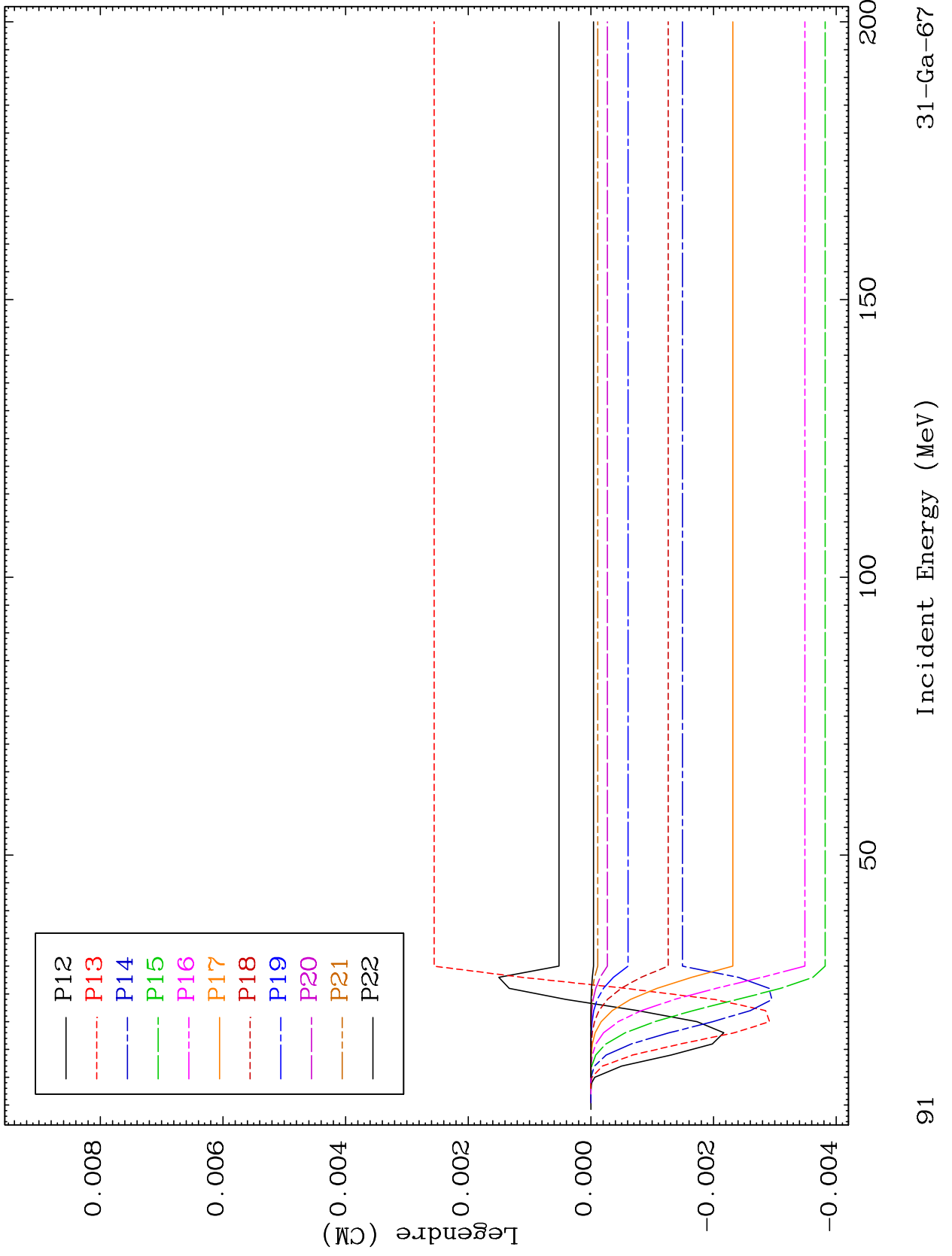
31-Ga-67

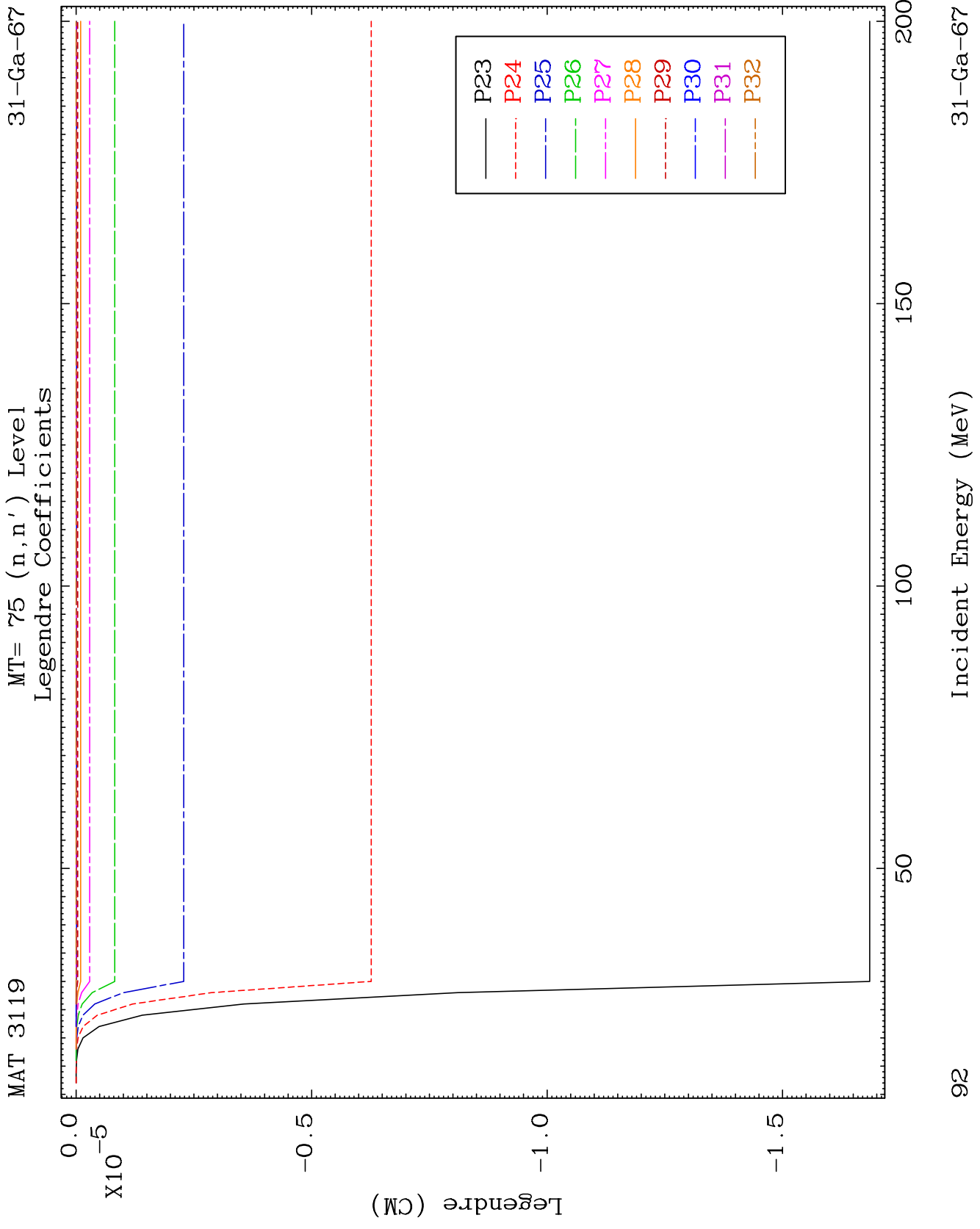


31-Ga-67

Incident Energy (MeV)

90

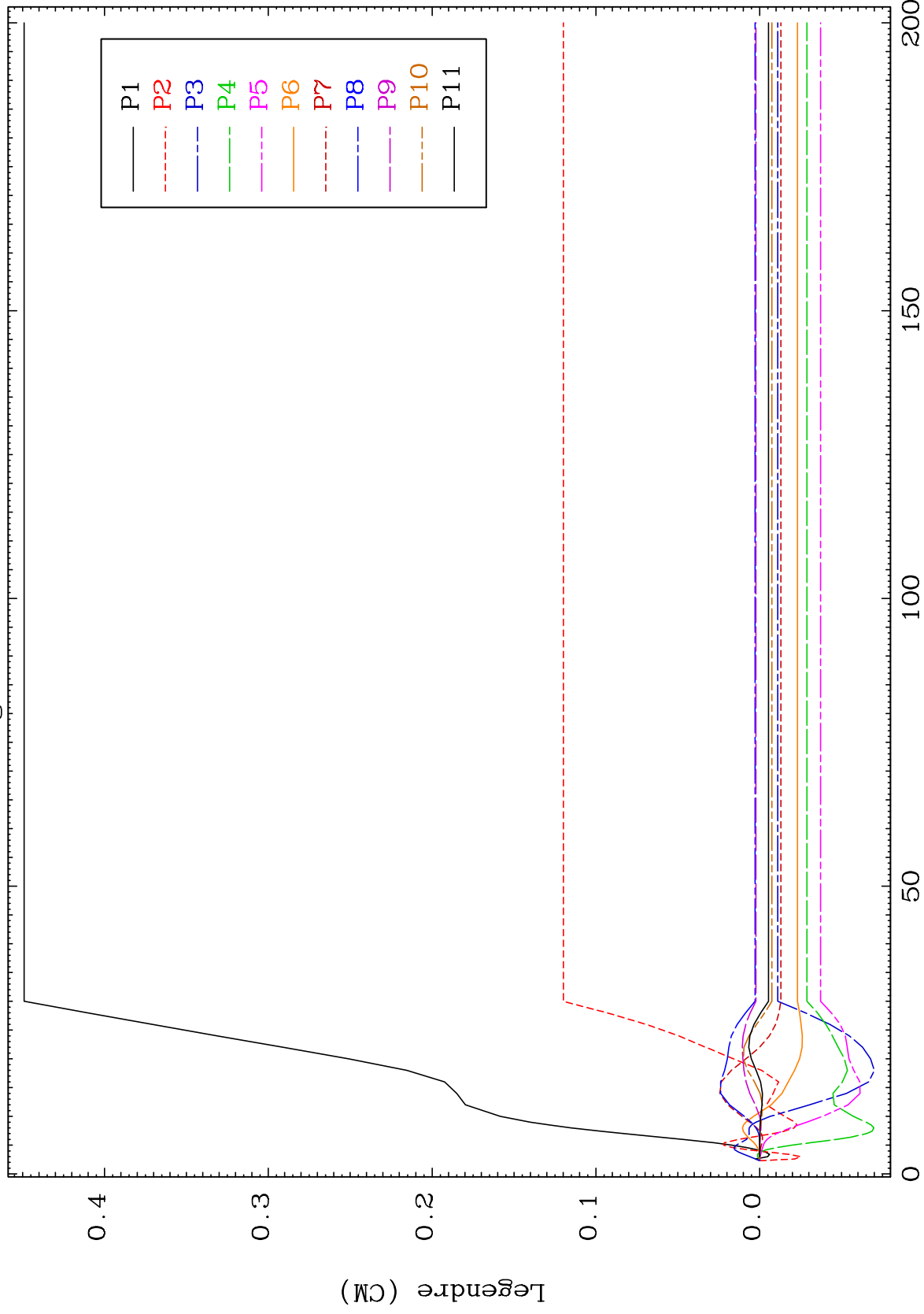




MAT 3119

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

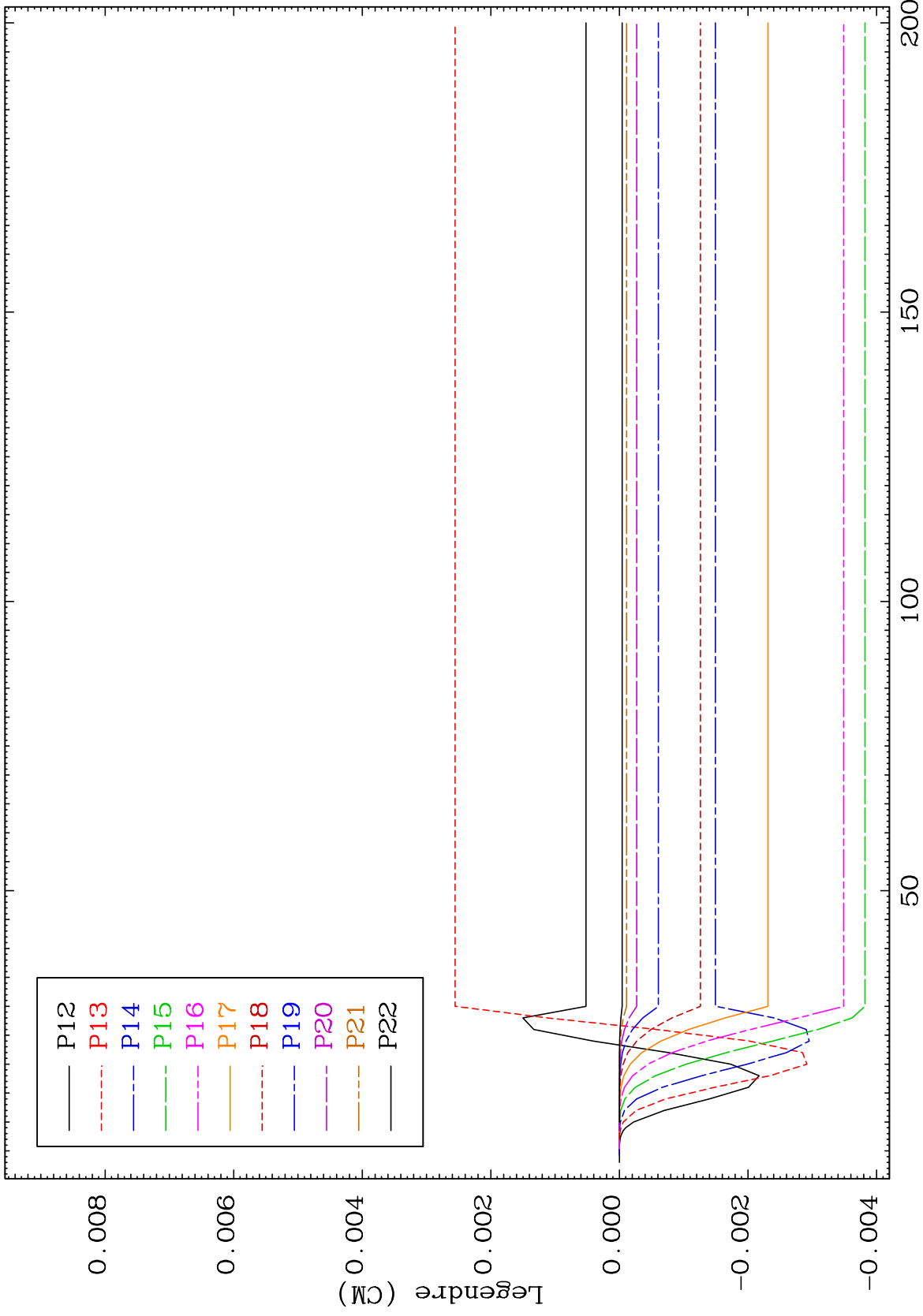
31-Ga-67

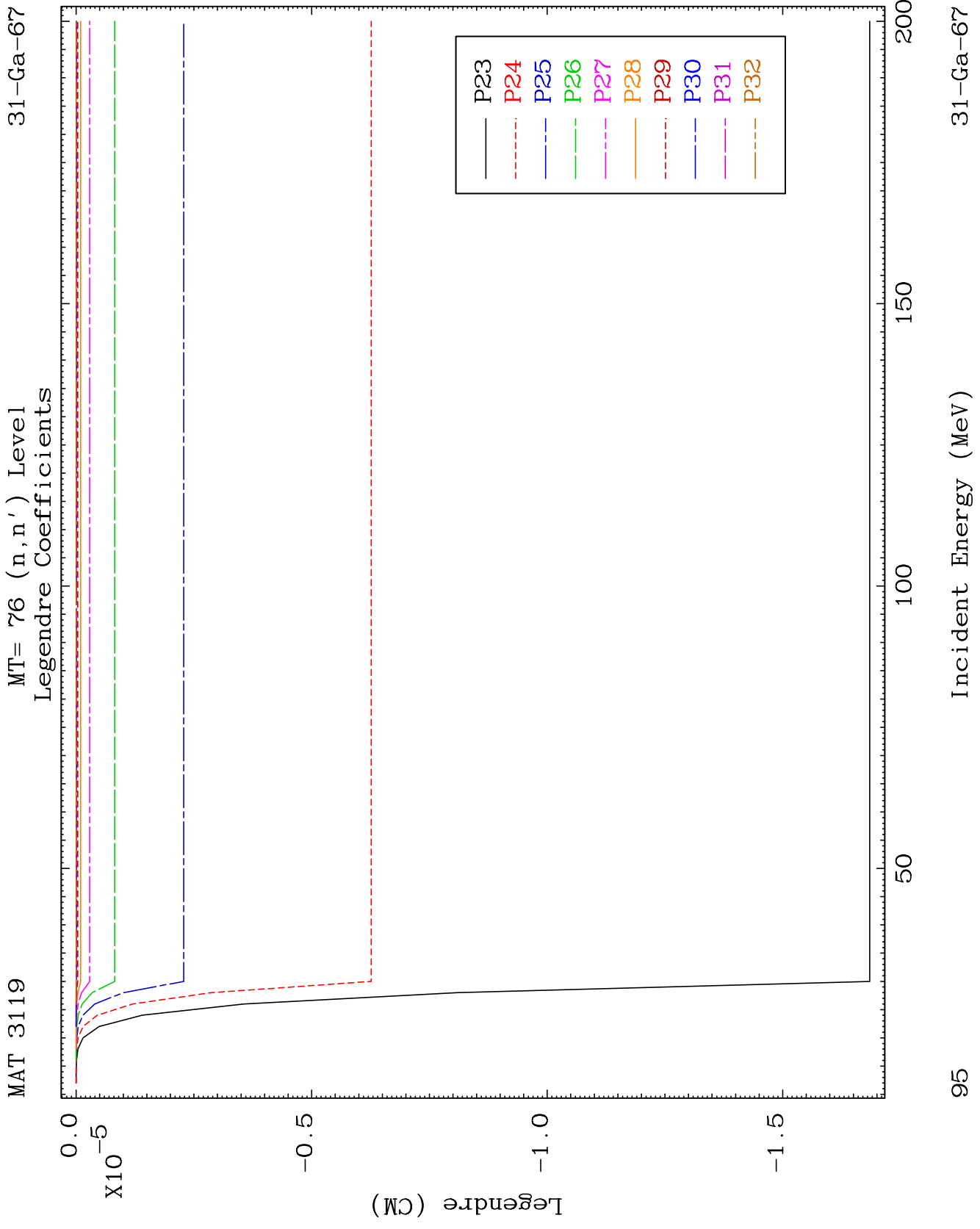


93

Incident Energy (MeV)

31-Ga-67

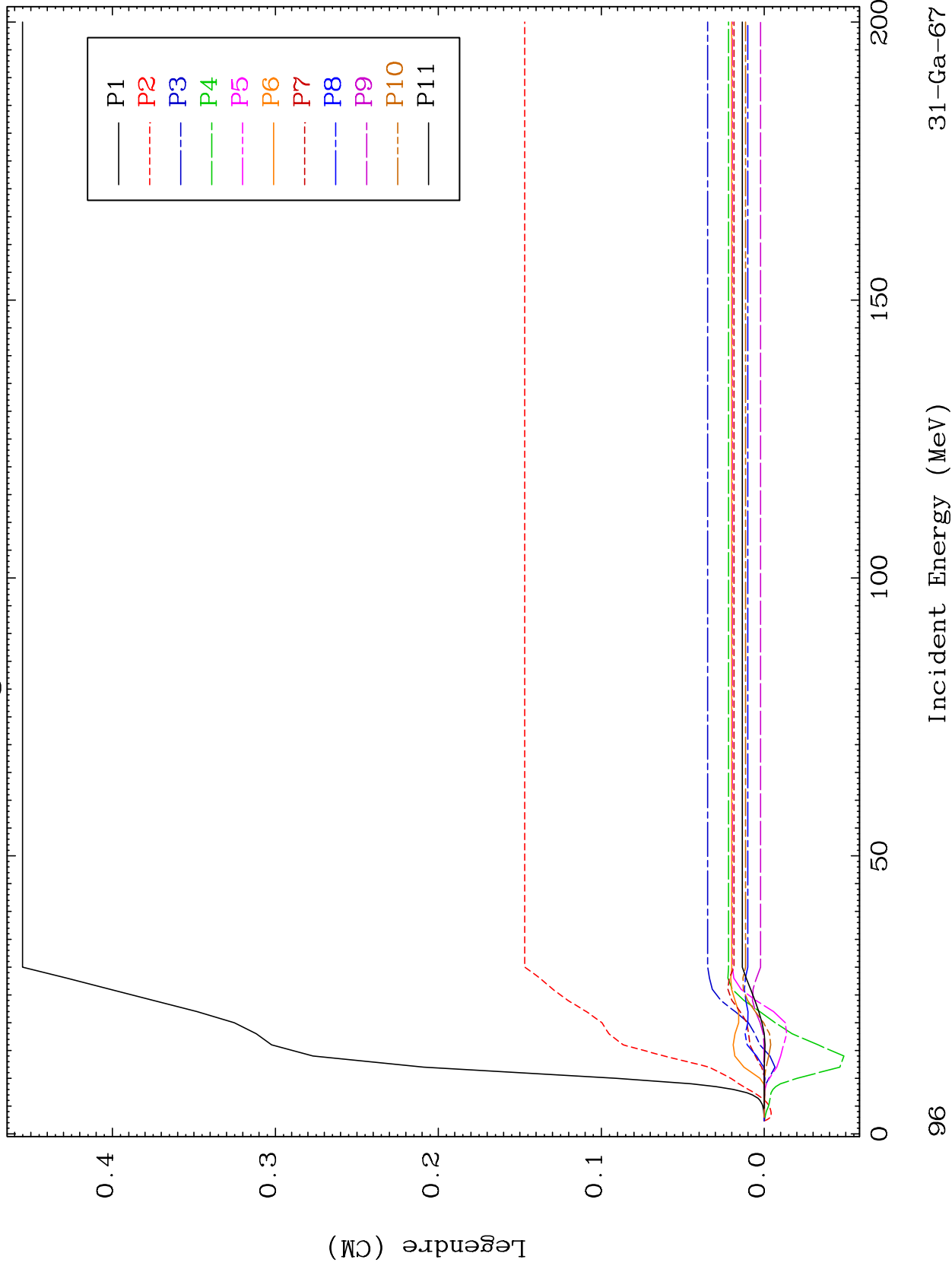




MAT 3119

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

31-Ga-67



31-Ga-67

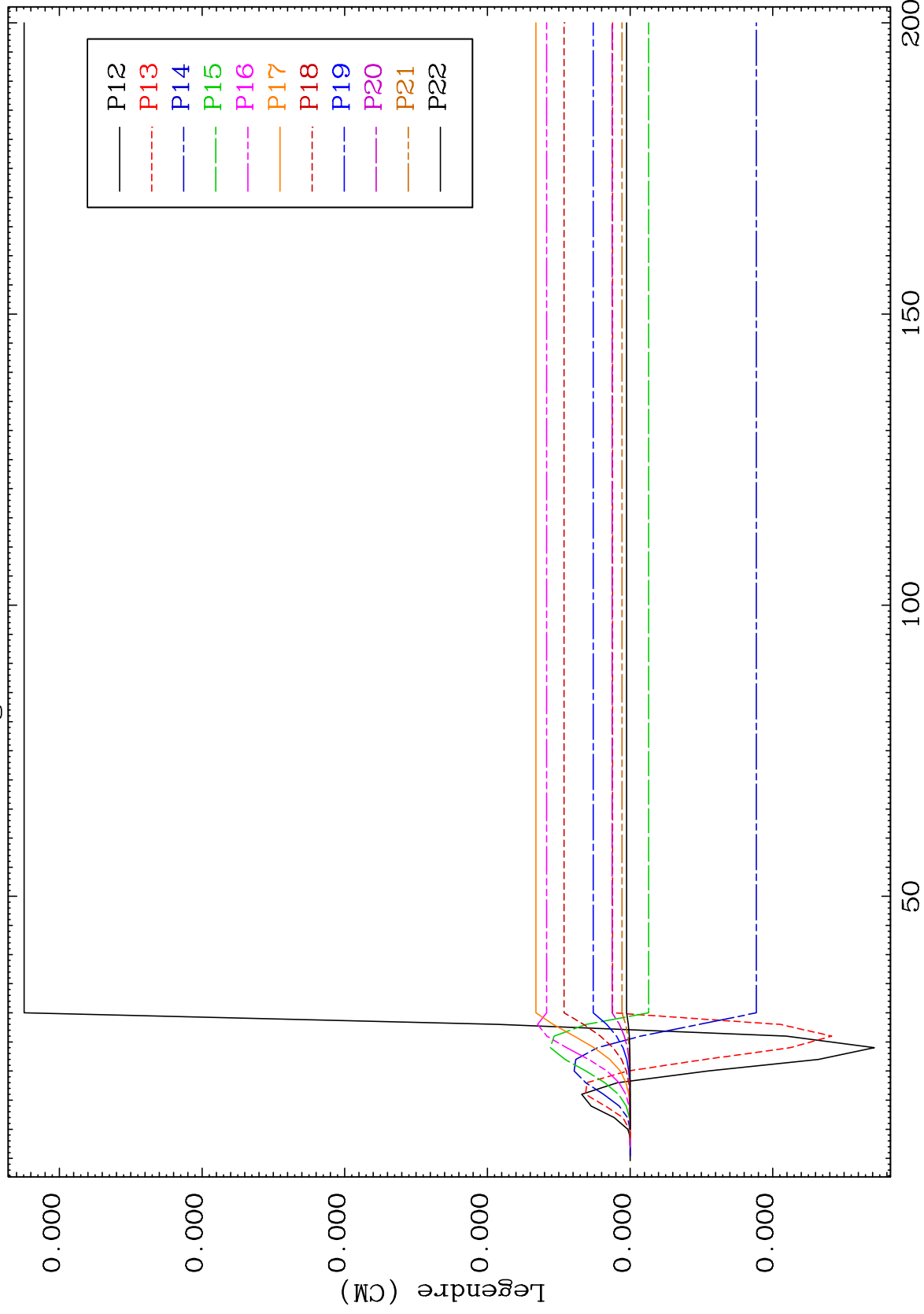
Incident Energy (MeV)

96

MAT 3119

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

31-Ga-67



97

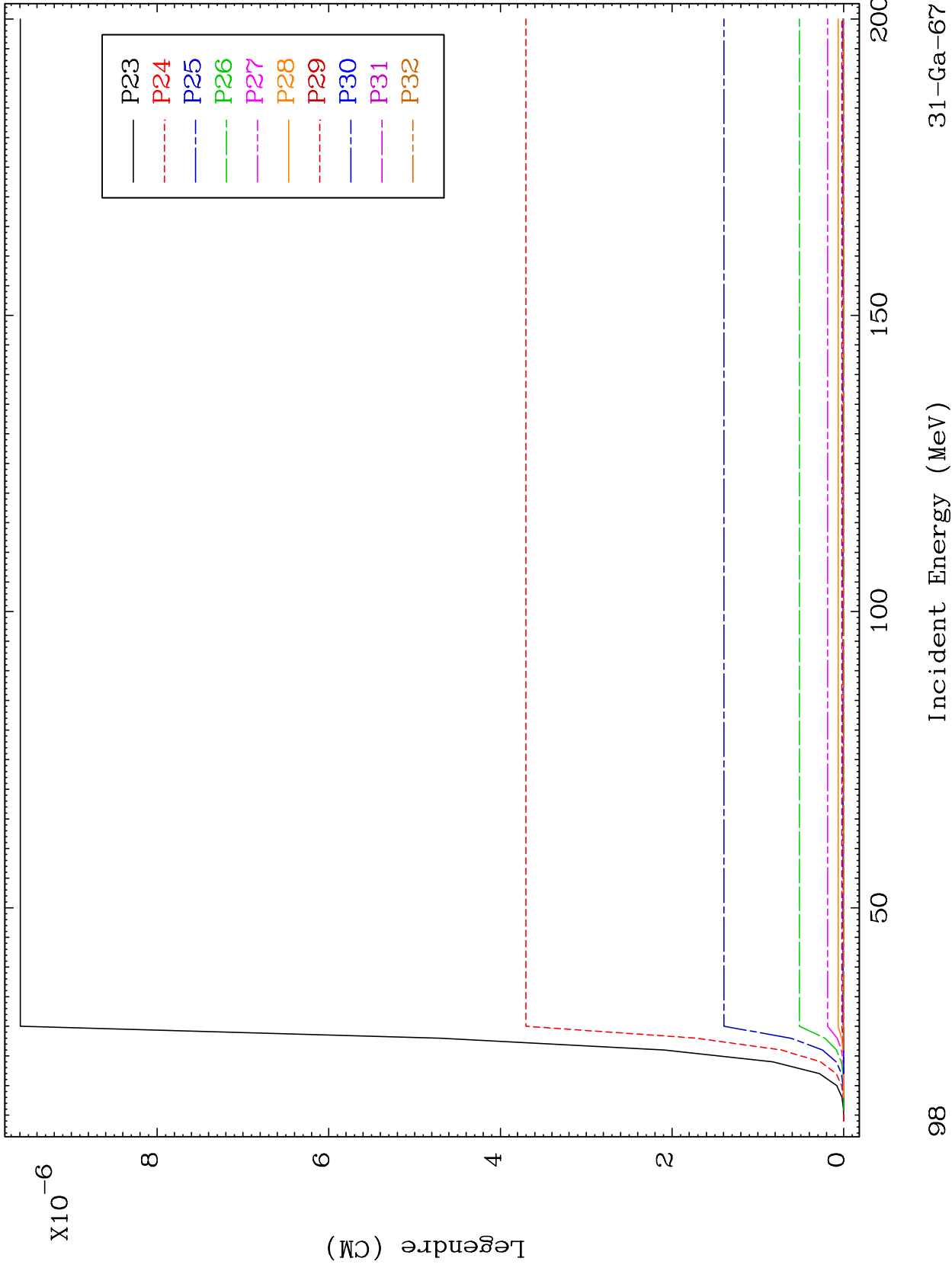
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

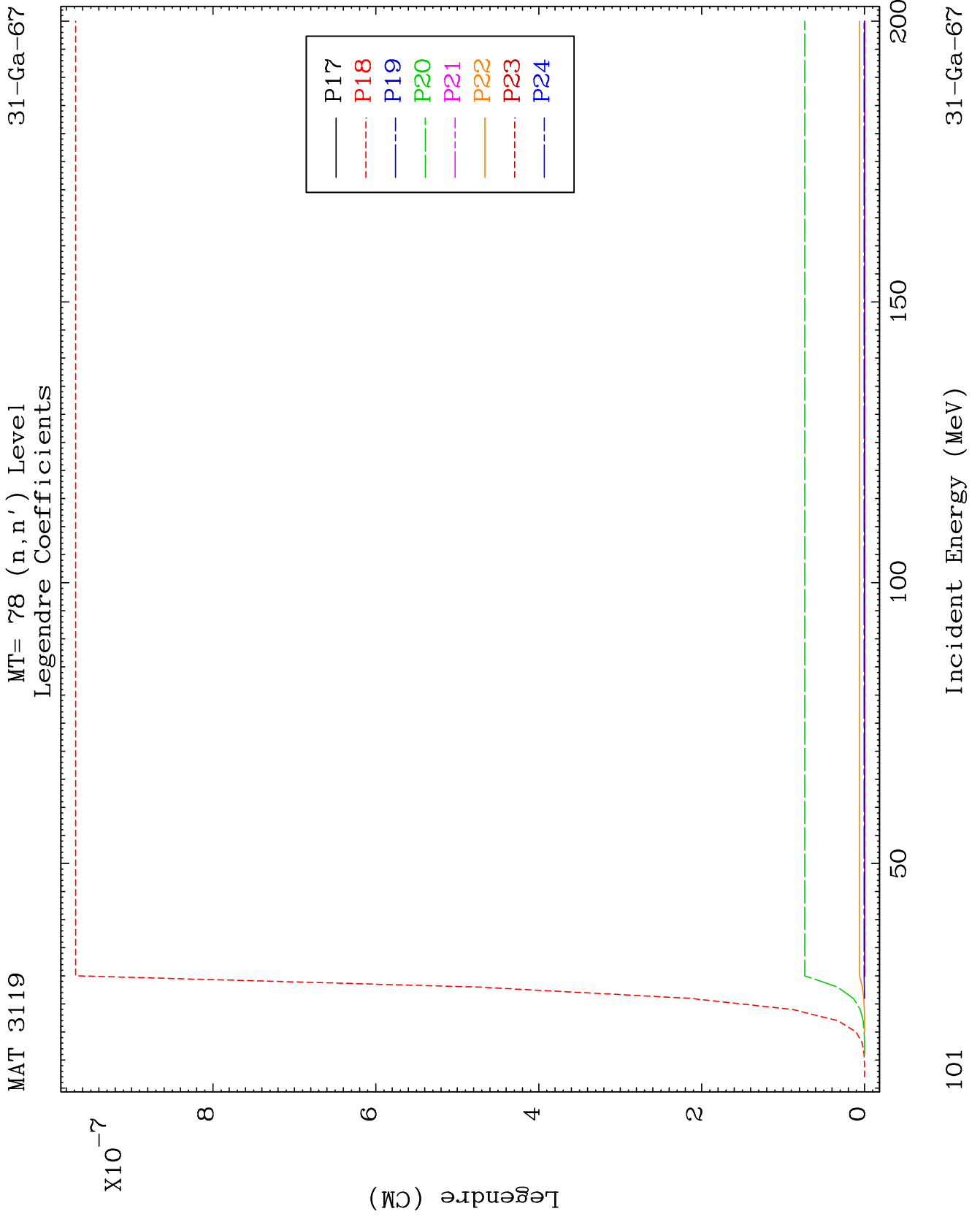
31-Ga-67



98

Incident Energy (MeV)

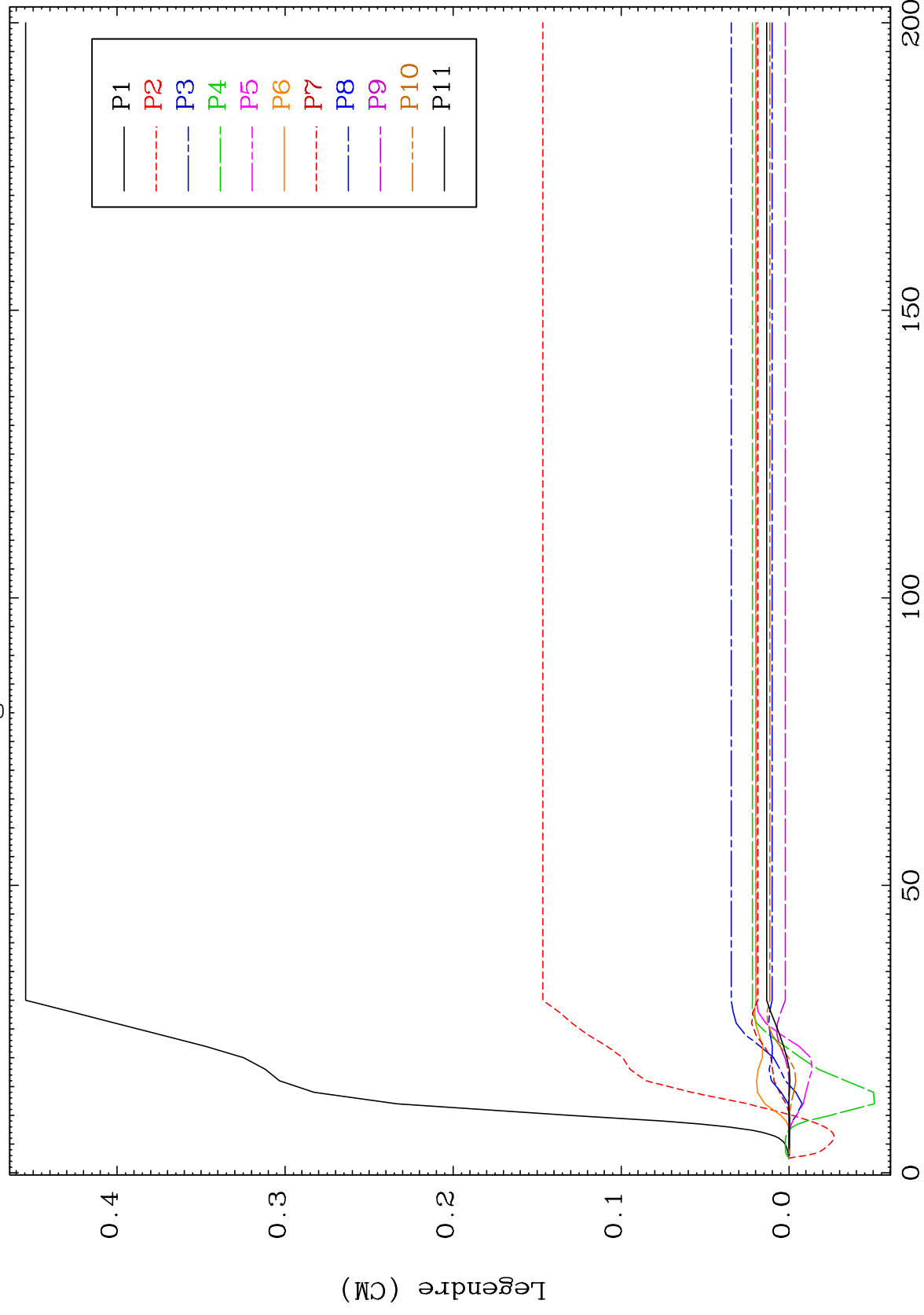
31-Ga-67



MAT 3119

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

31-Ga-67



31-Ga-67

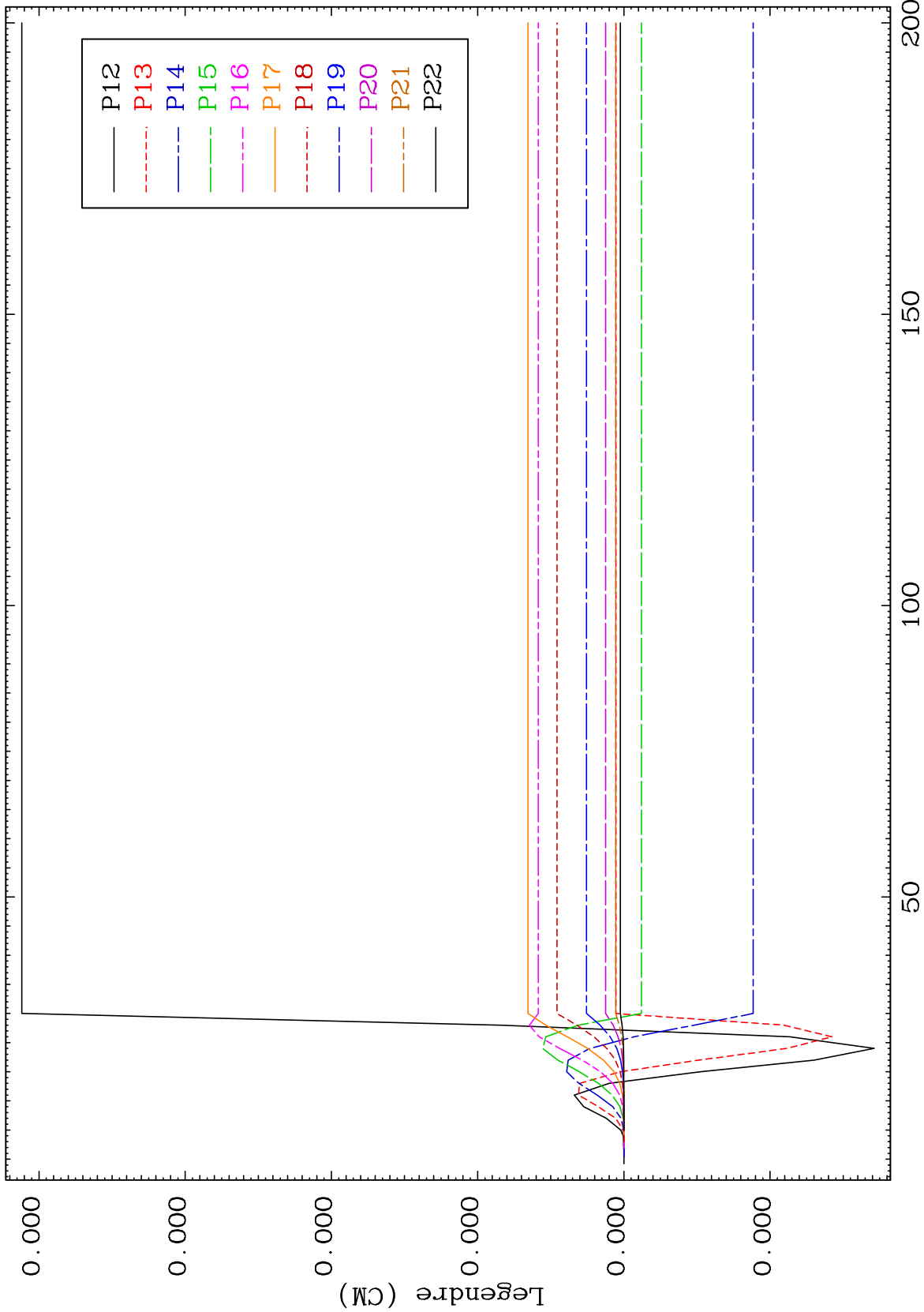
Incident Energy (MeV)

102

MAT 3119

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

31-Ga-67



103

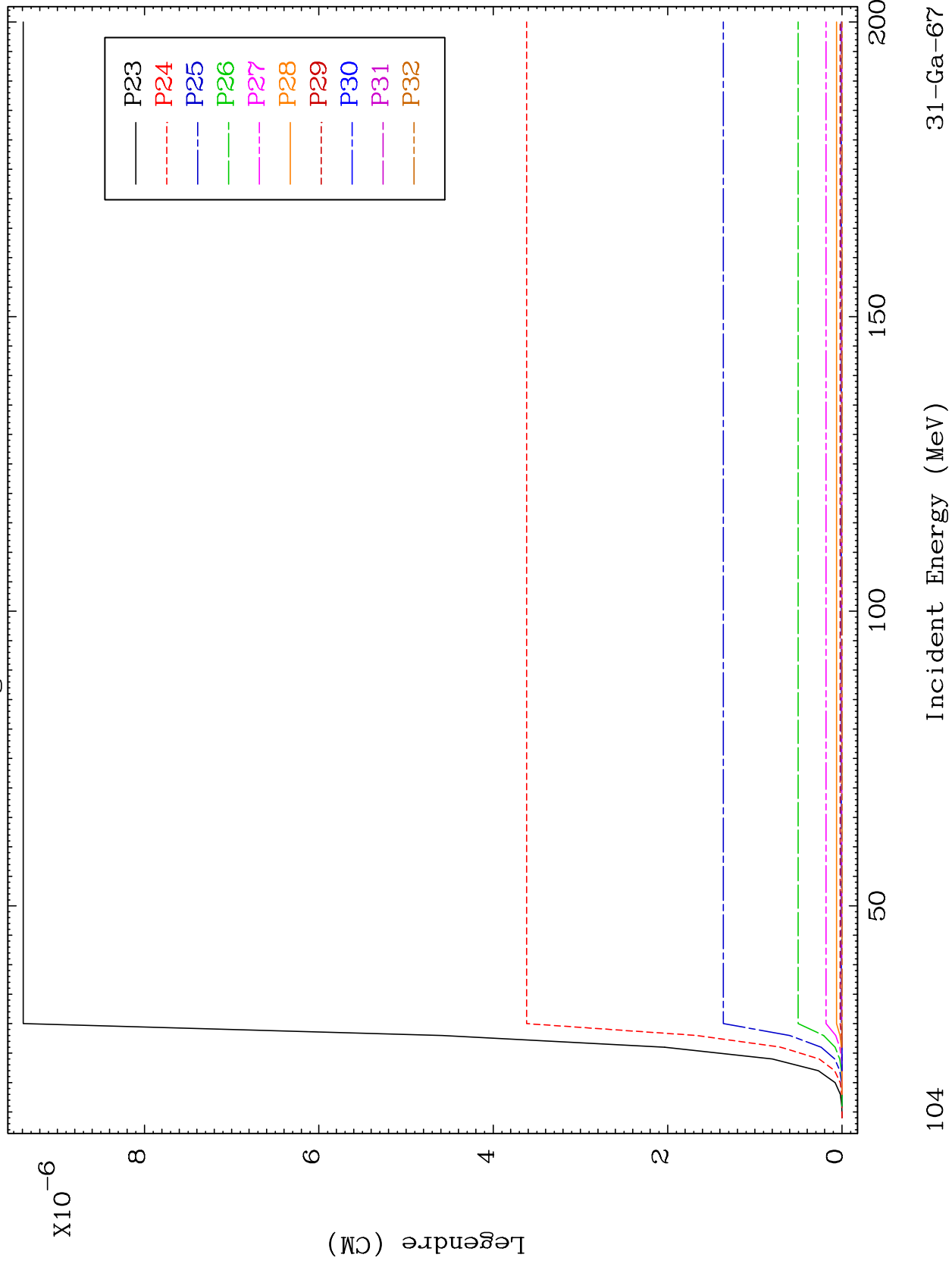
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

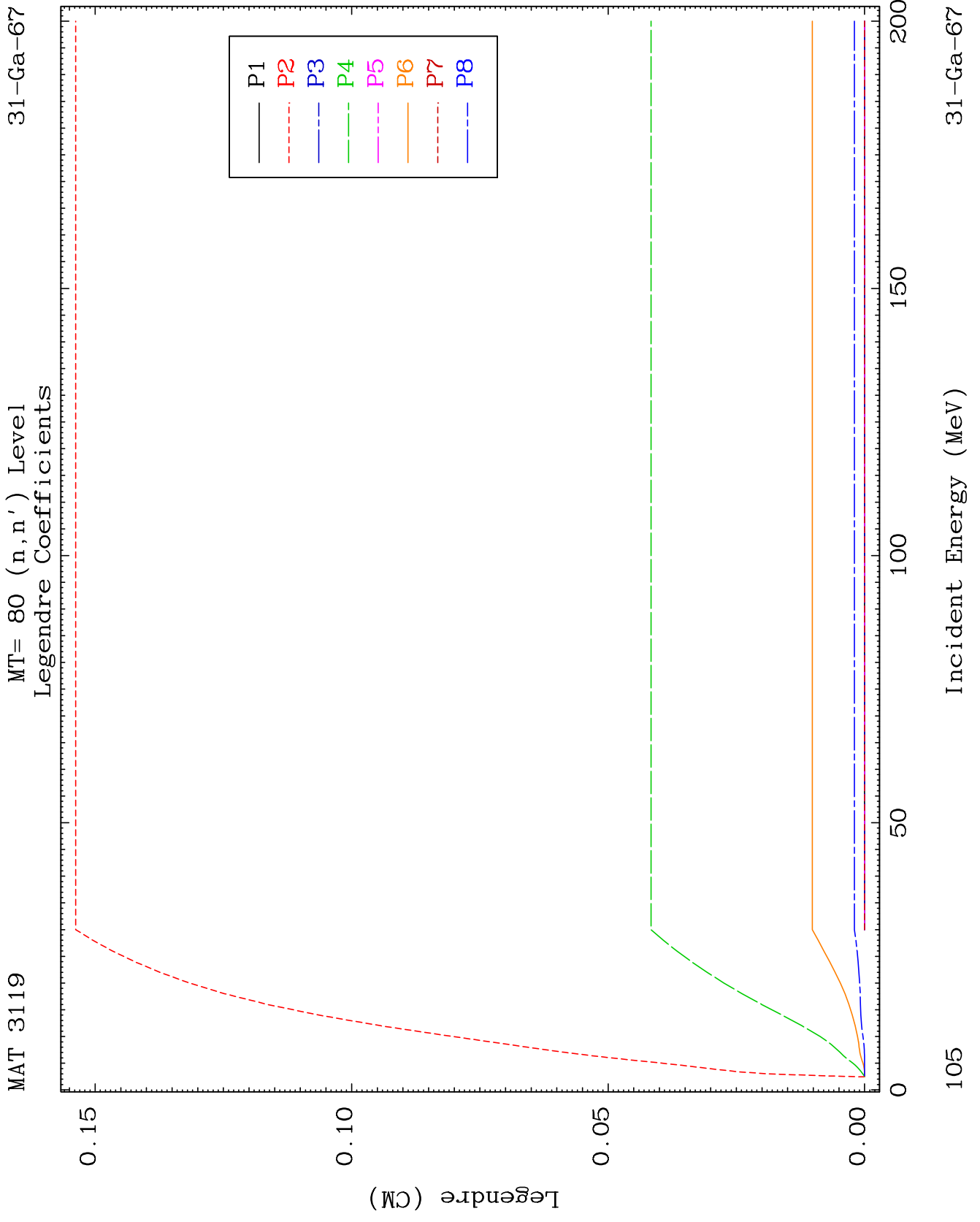
31-Ga-67

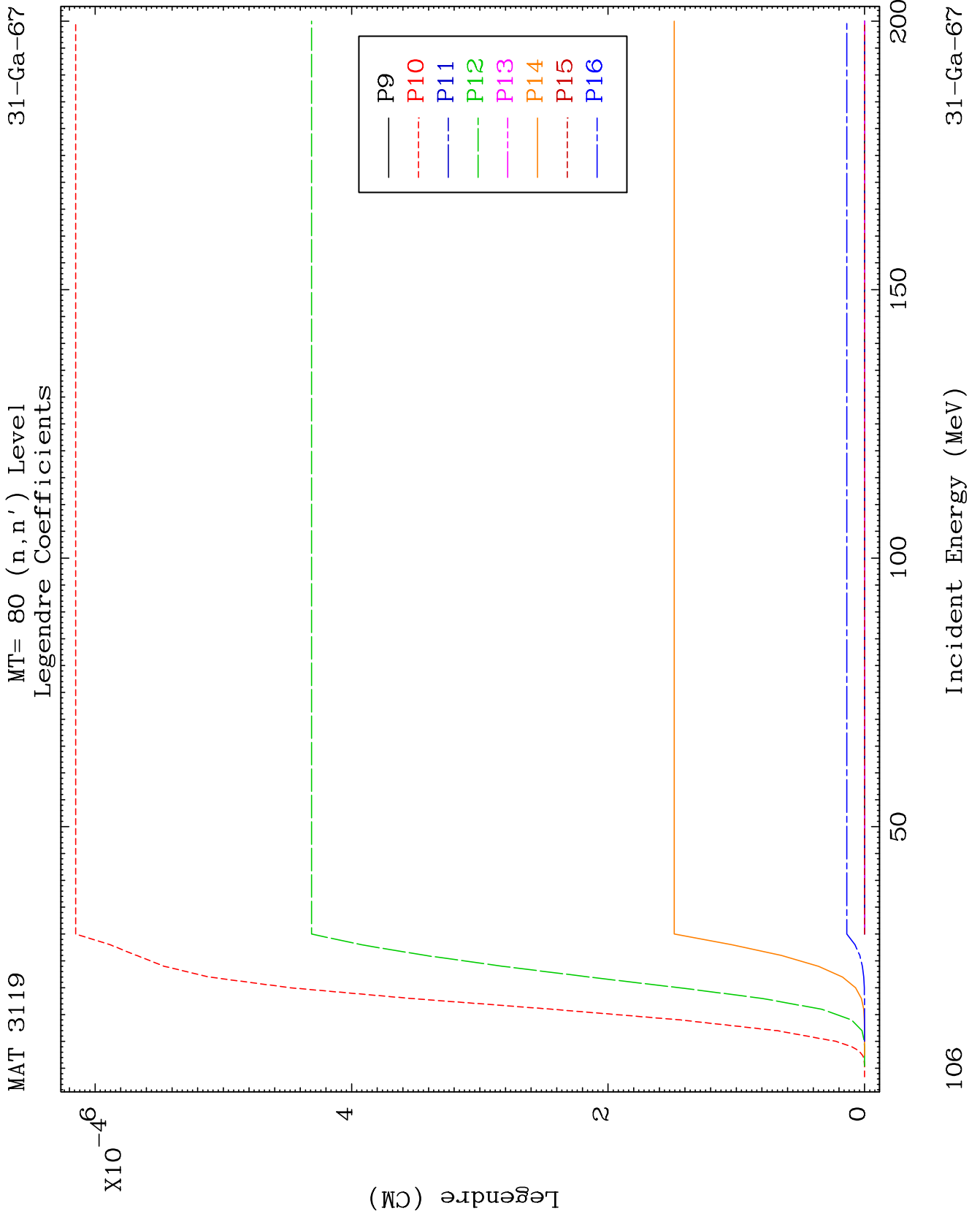


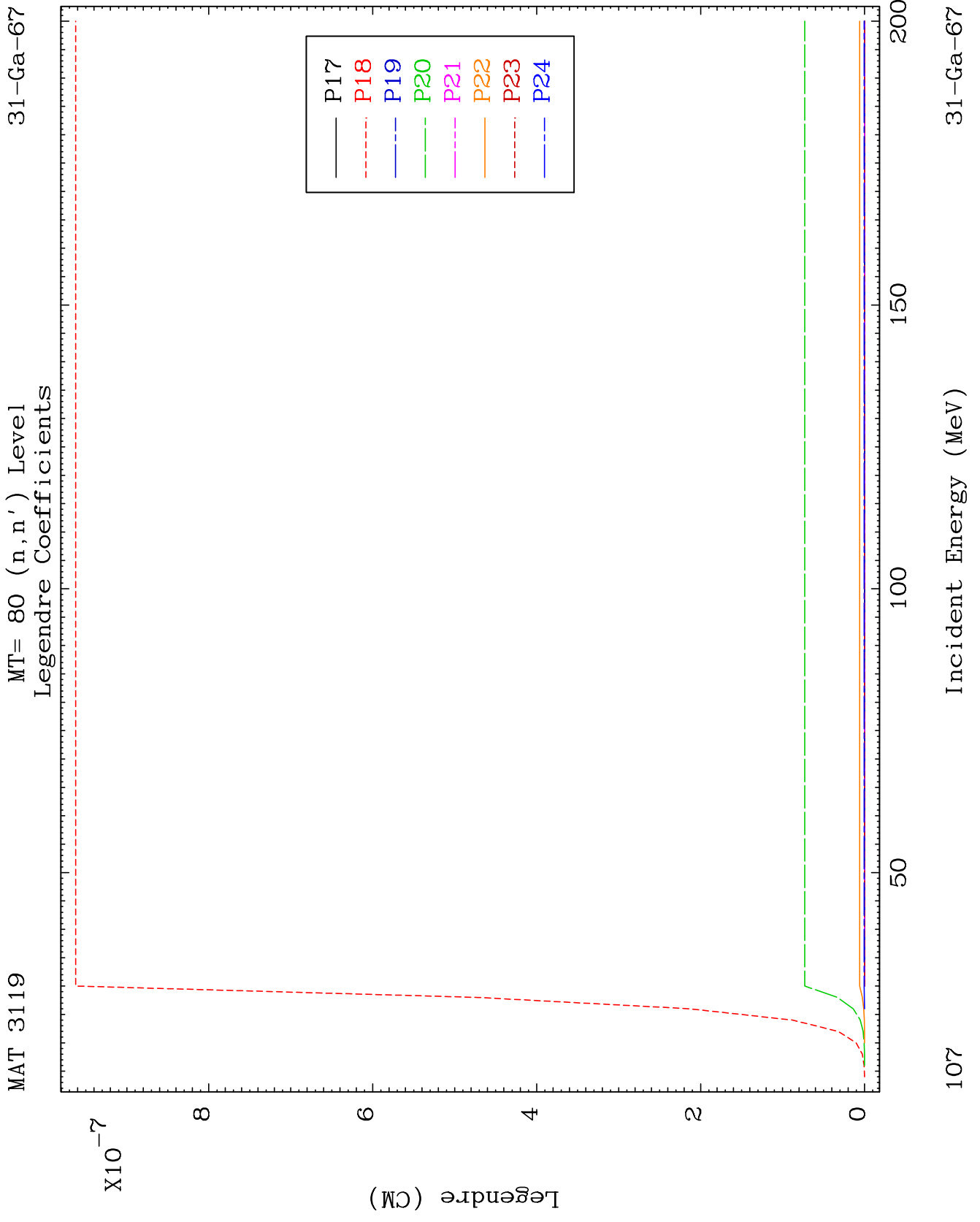
104

Incident Energy (MeV)

31-Ga-67



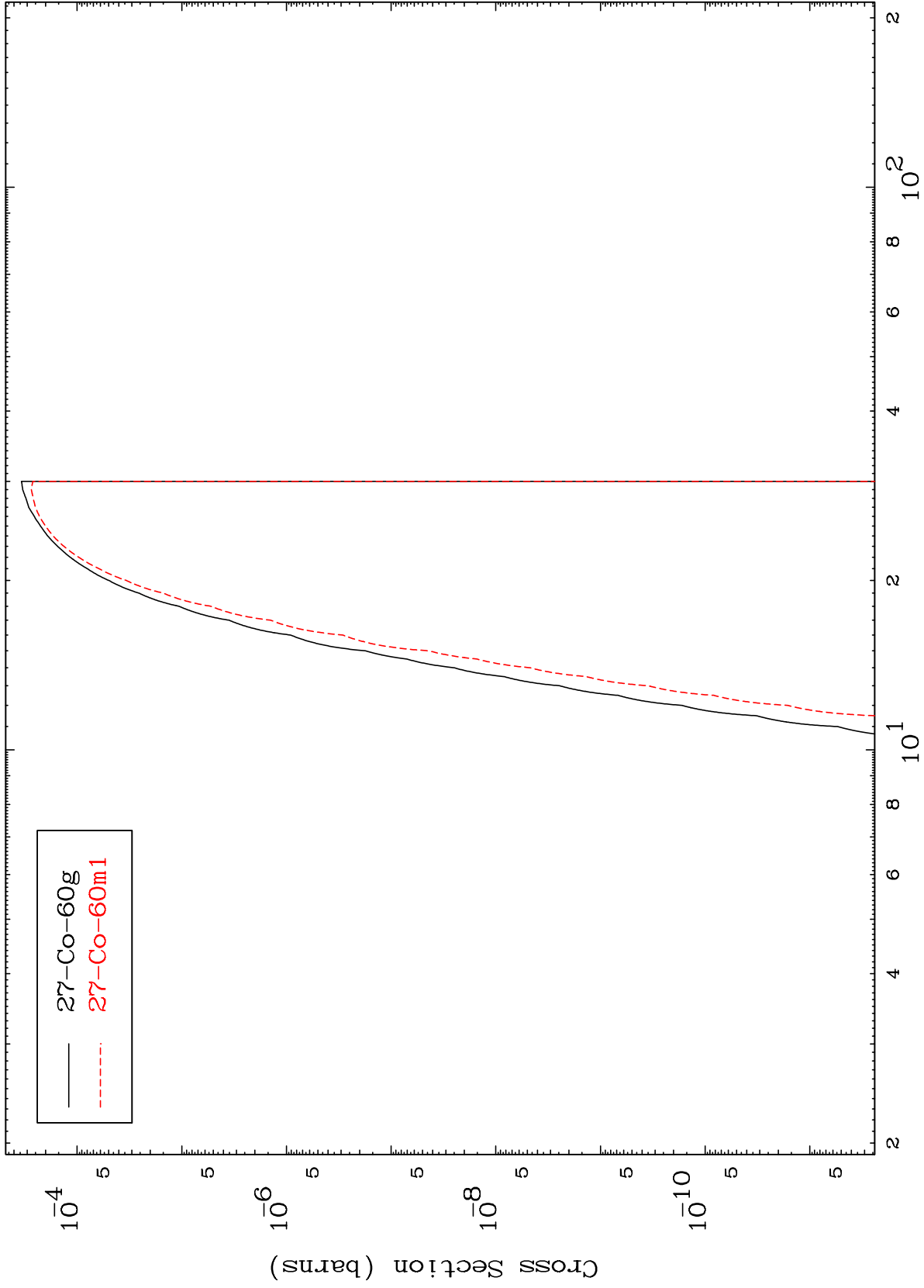




MAT 3119

³¹Ga-67

Radionuclide Production Cross Section



³¹Ga-67

Incident Energy (MeV)

108