

Program EVALPLOT
(Version 2017-1)

by

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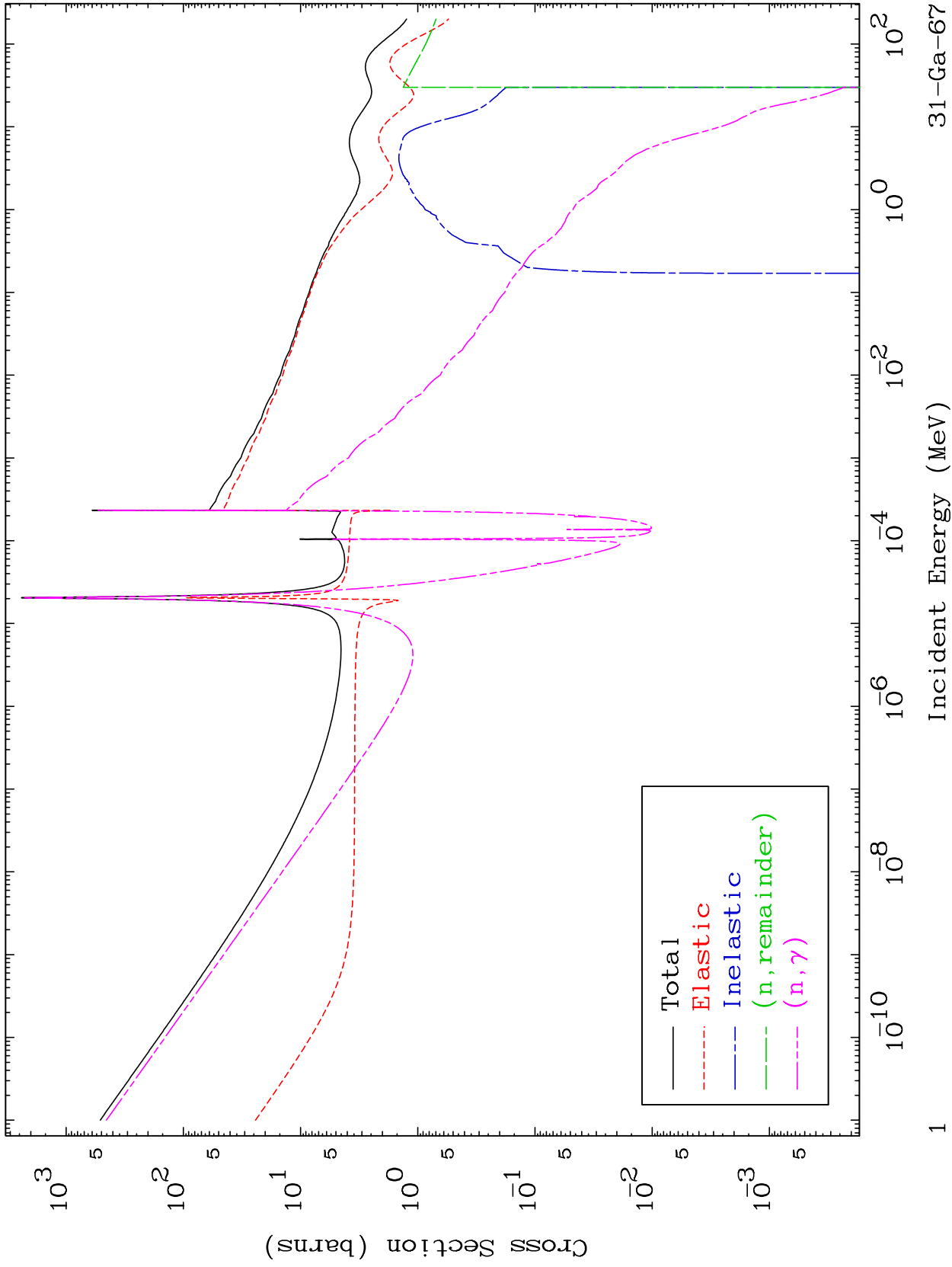
Press Mouse Button to Start

MAT 3119

Major

293 Kelvin Cross Sections

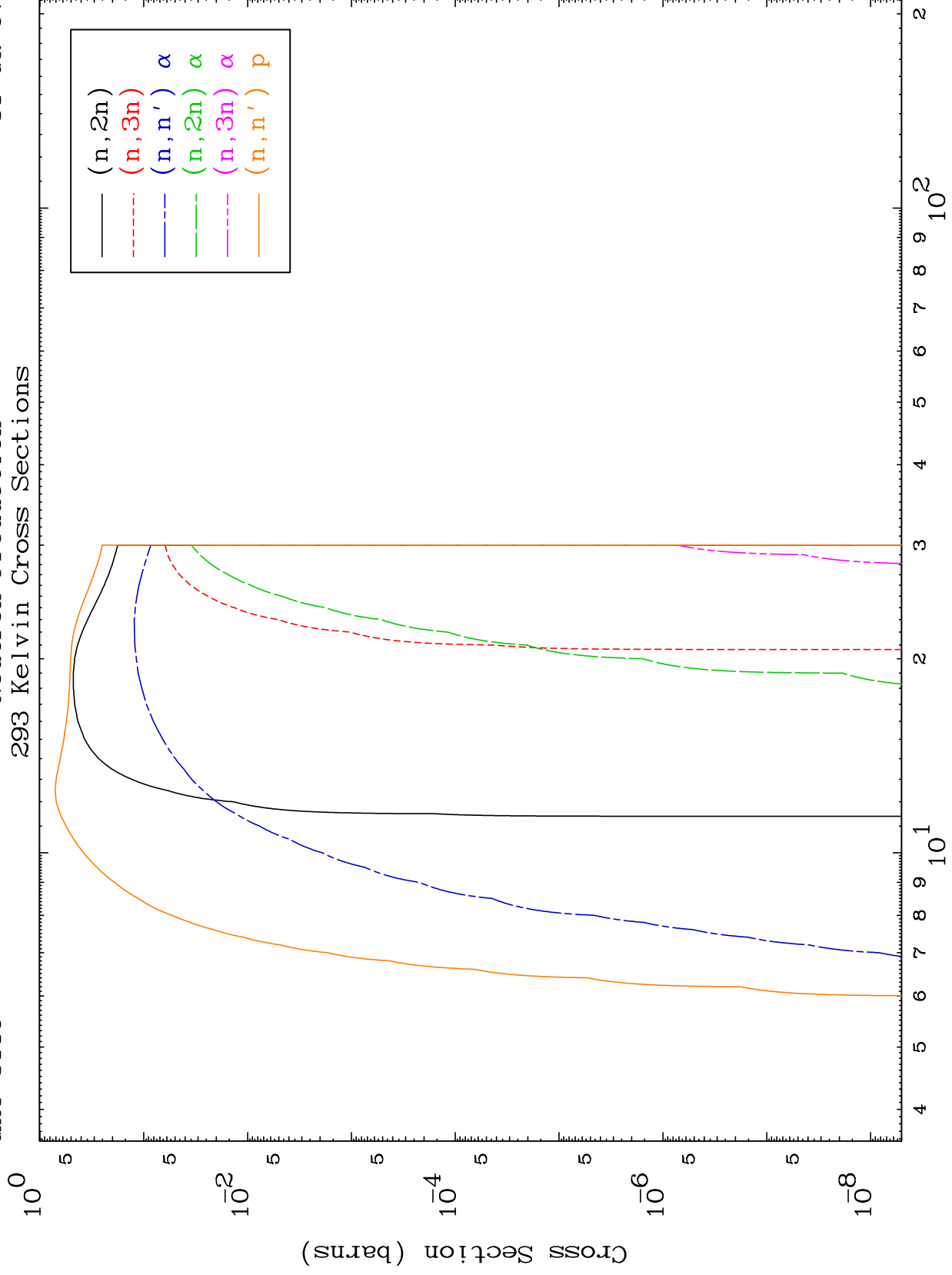
31-Ga-67



MAT 3119

Neutron Production
293 Kelvin Cross Sections

31-Ga-67



2

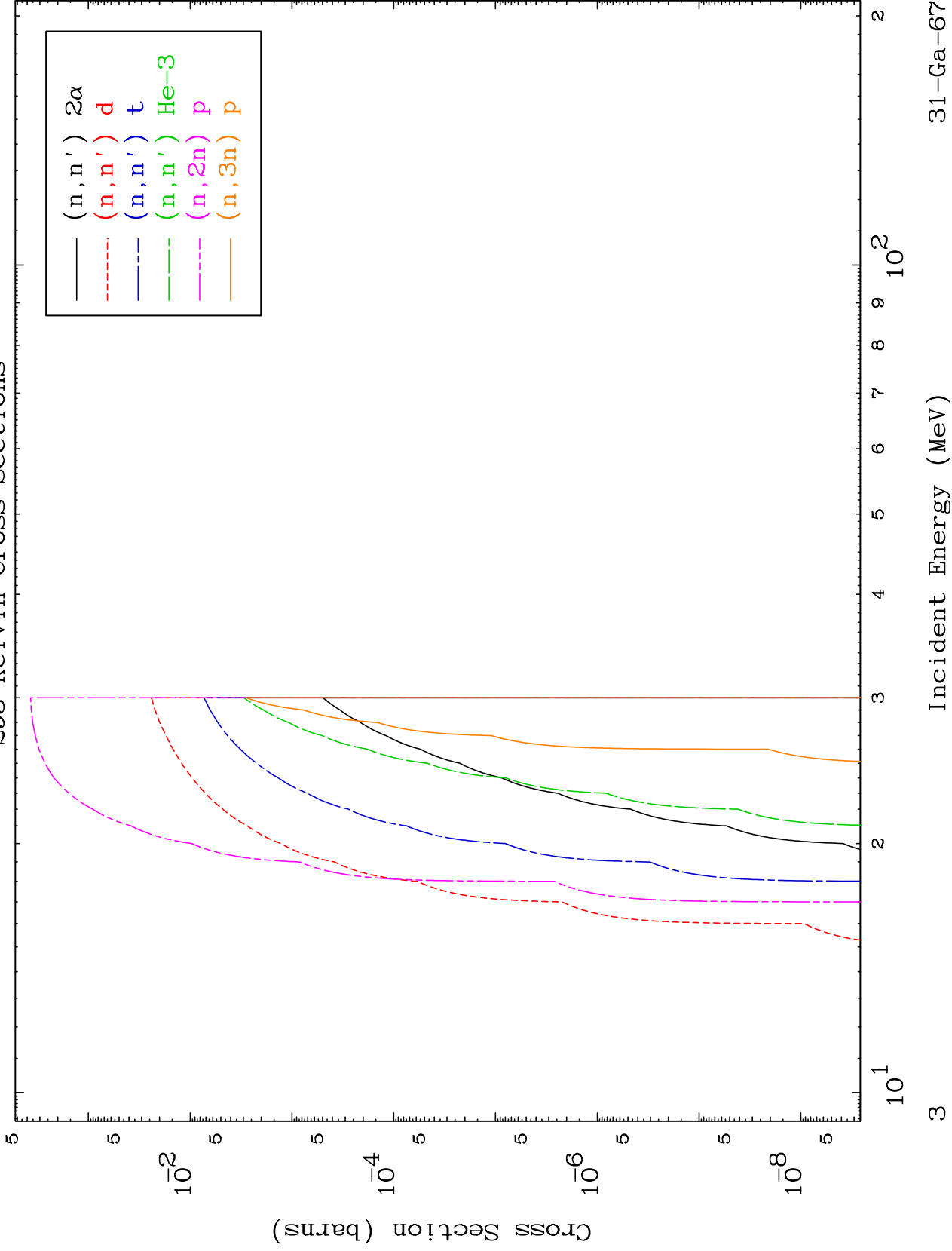
Incident Energy (MeV)

31-Ga-67

MAT 3119

Neutron Production
293 Kelvin Cross Sections

31-Ga-67

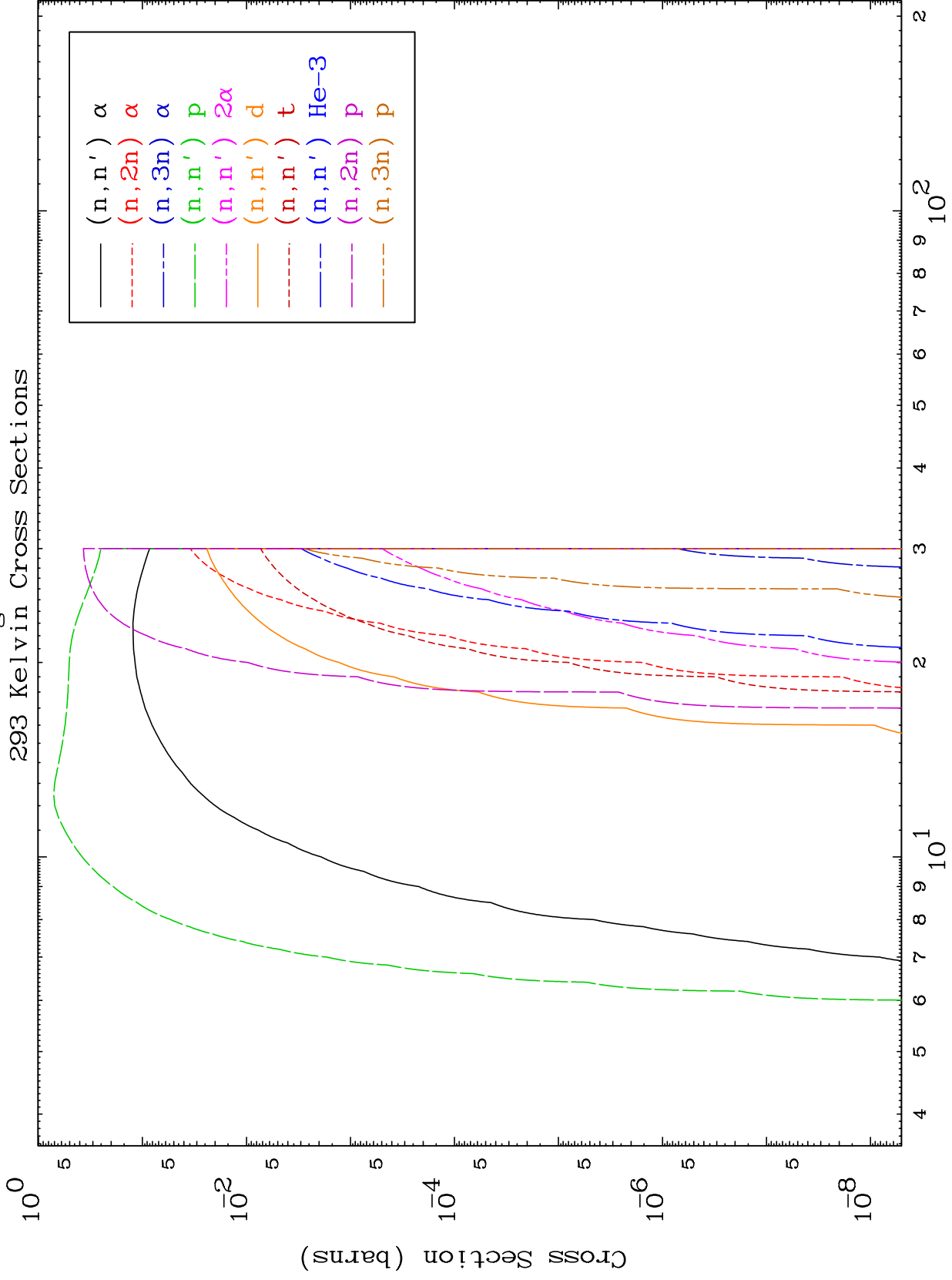


31-Ga-67

MAT 3119

Charged Particle
293 Kelvin Cross Sections

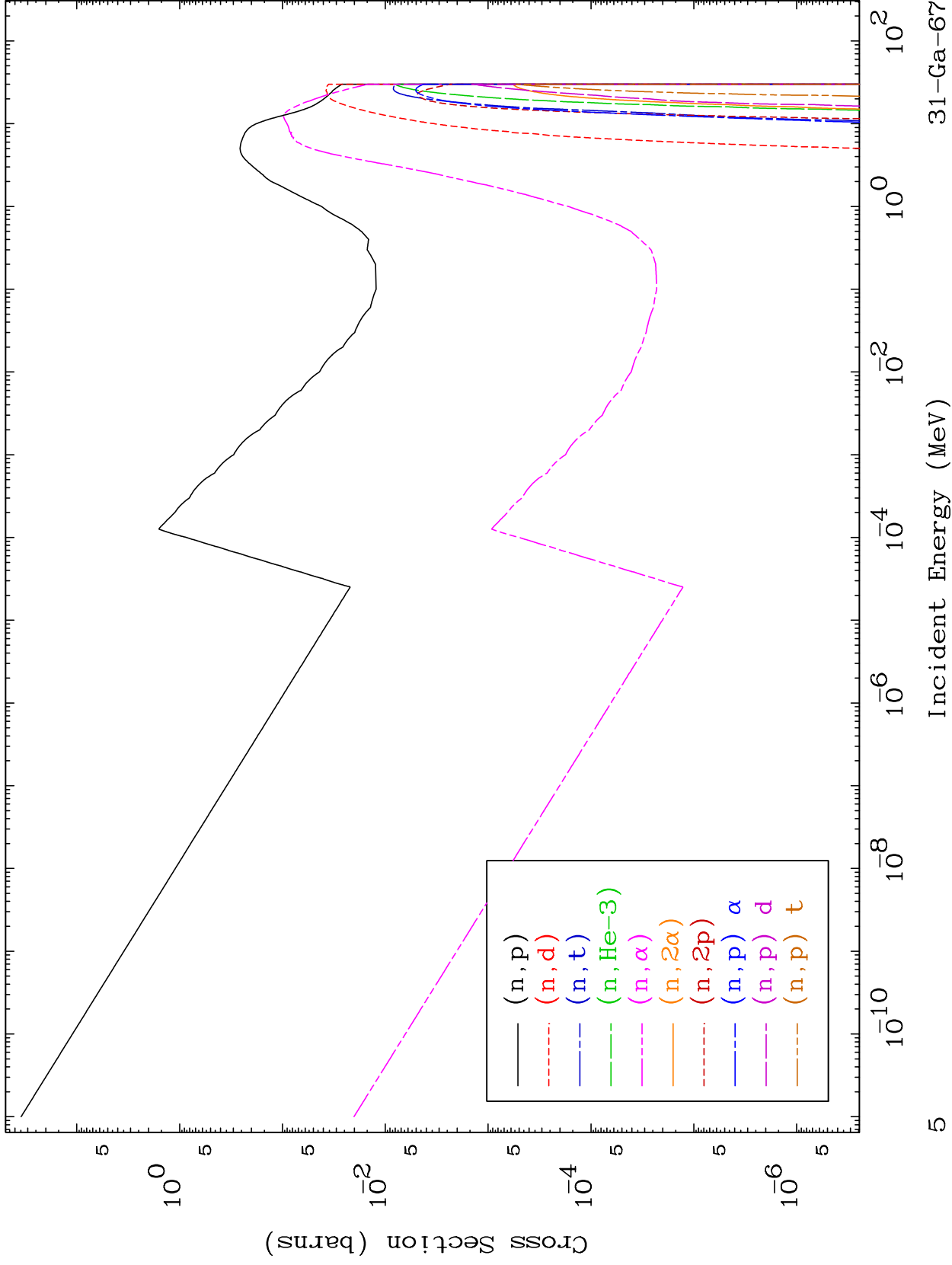
31-Ga-67



4

Incident Energy (MeV)

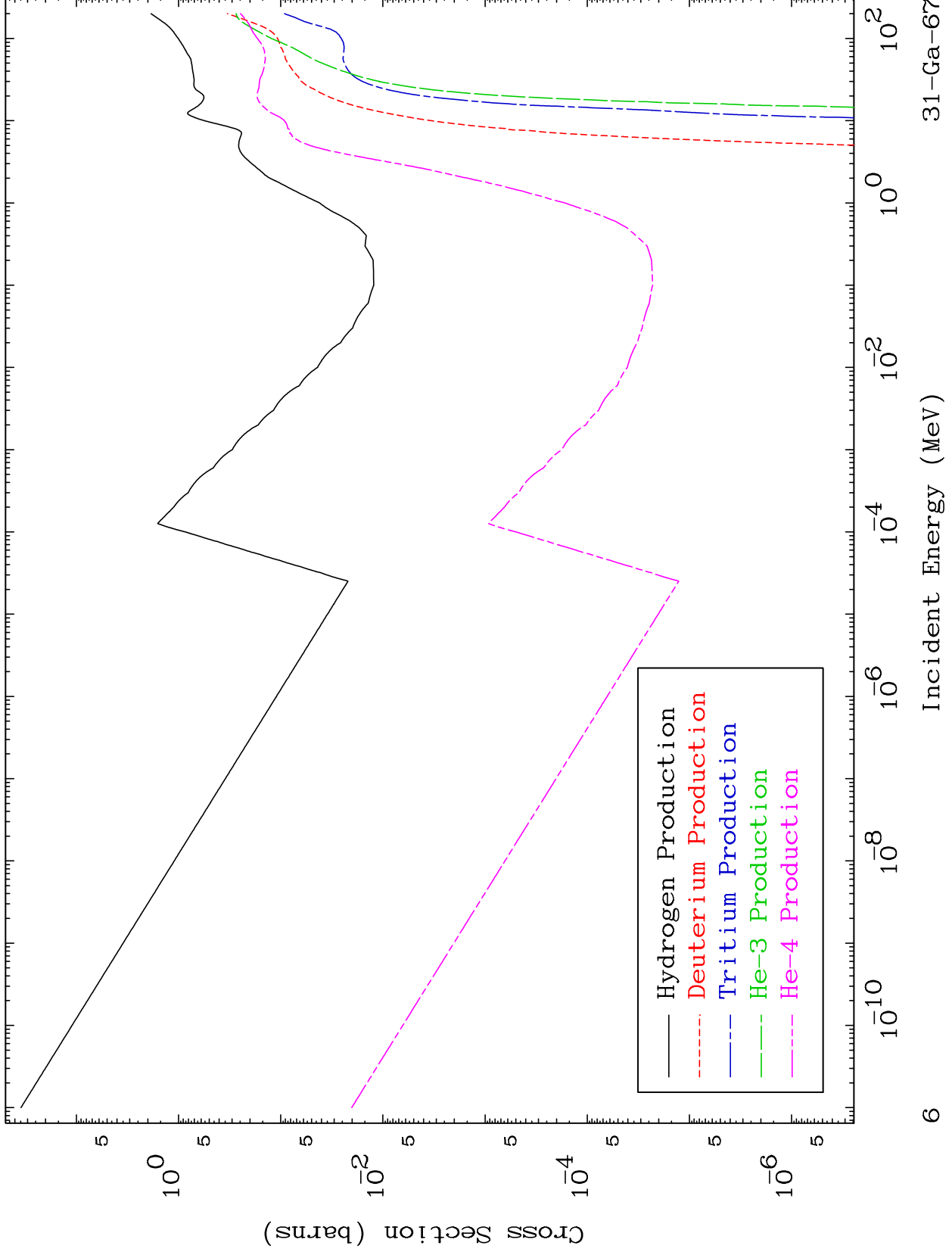
31-Ga-67



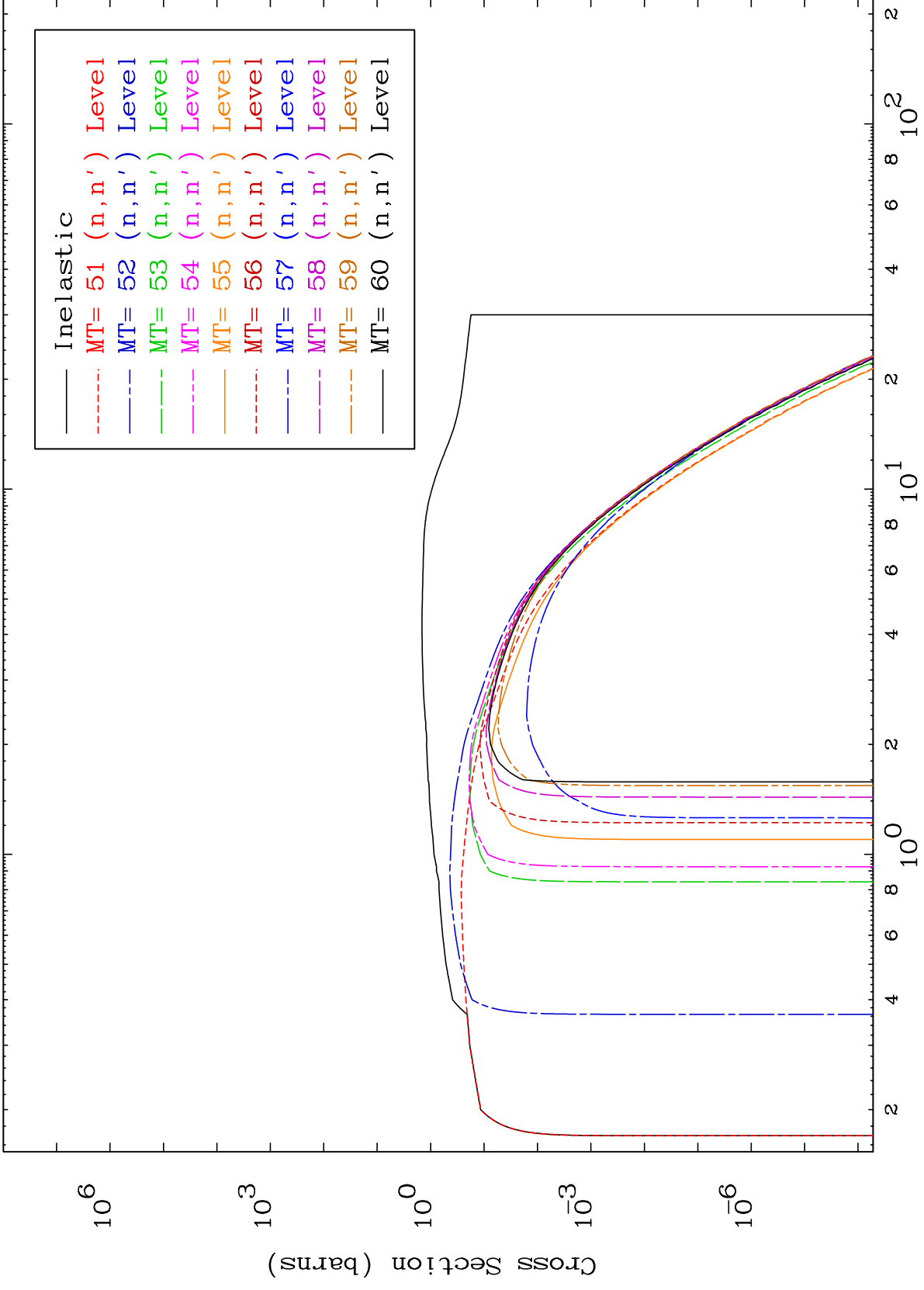
MAT 3119

Particle Production
293 Kelvin Cross Sections

31-Ga-67



293 Kelvin Cross Sections

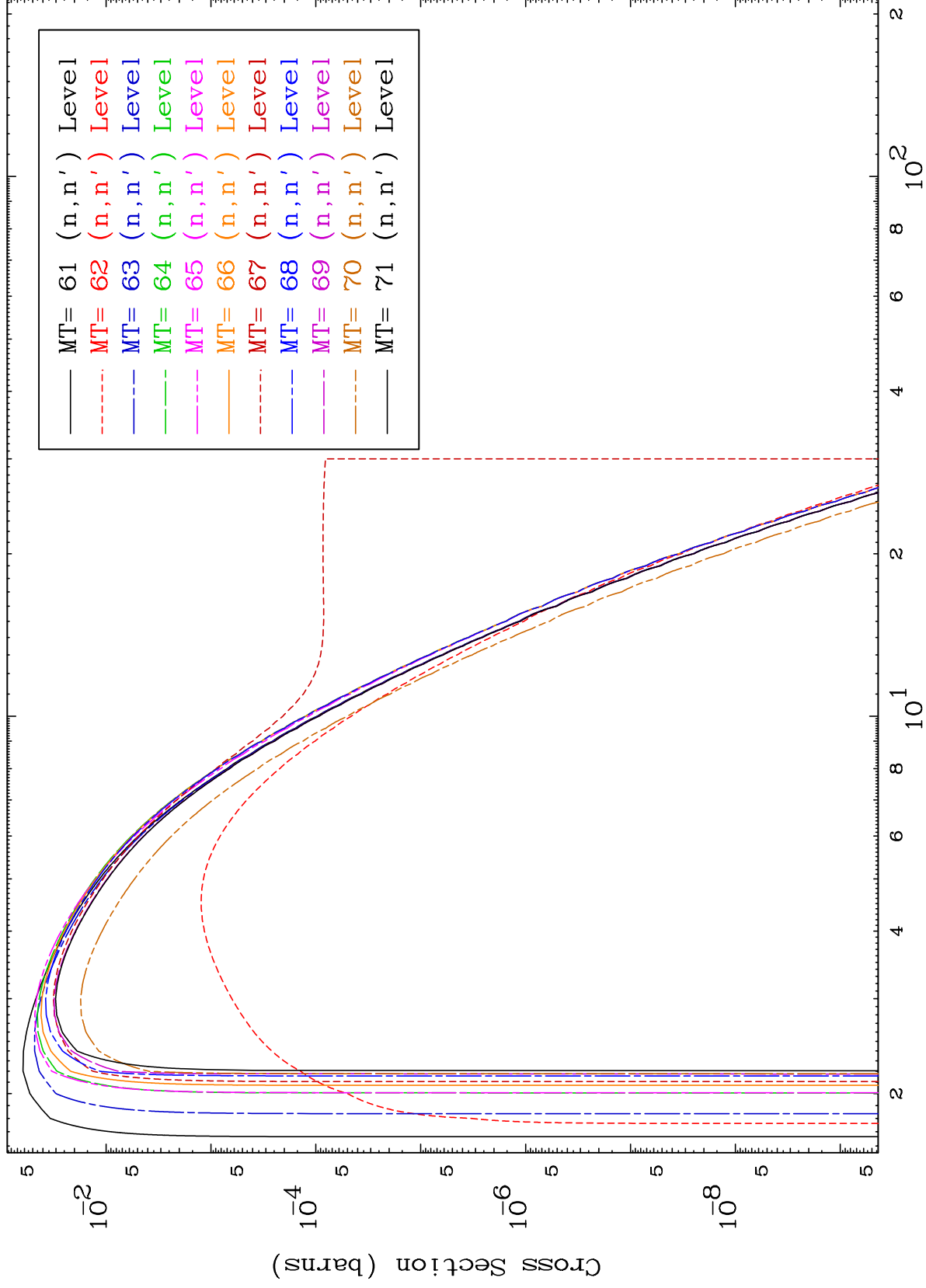


MAT 3119

(n,n') Level

31-Ga-67

293 Kelvin Cross Sections

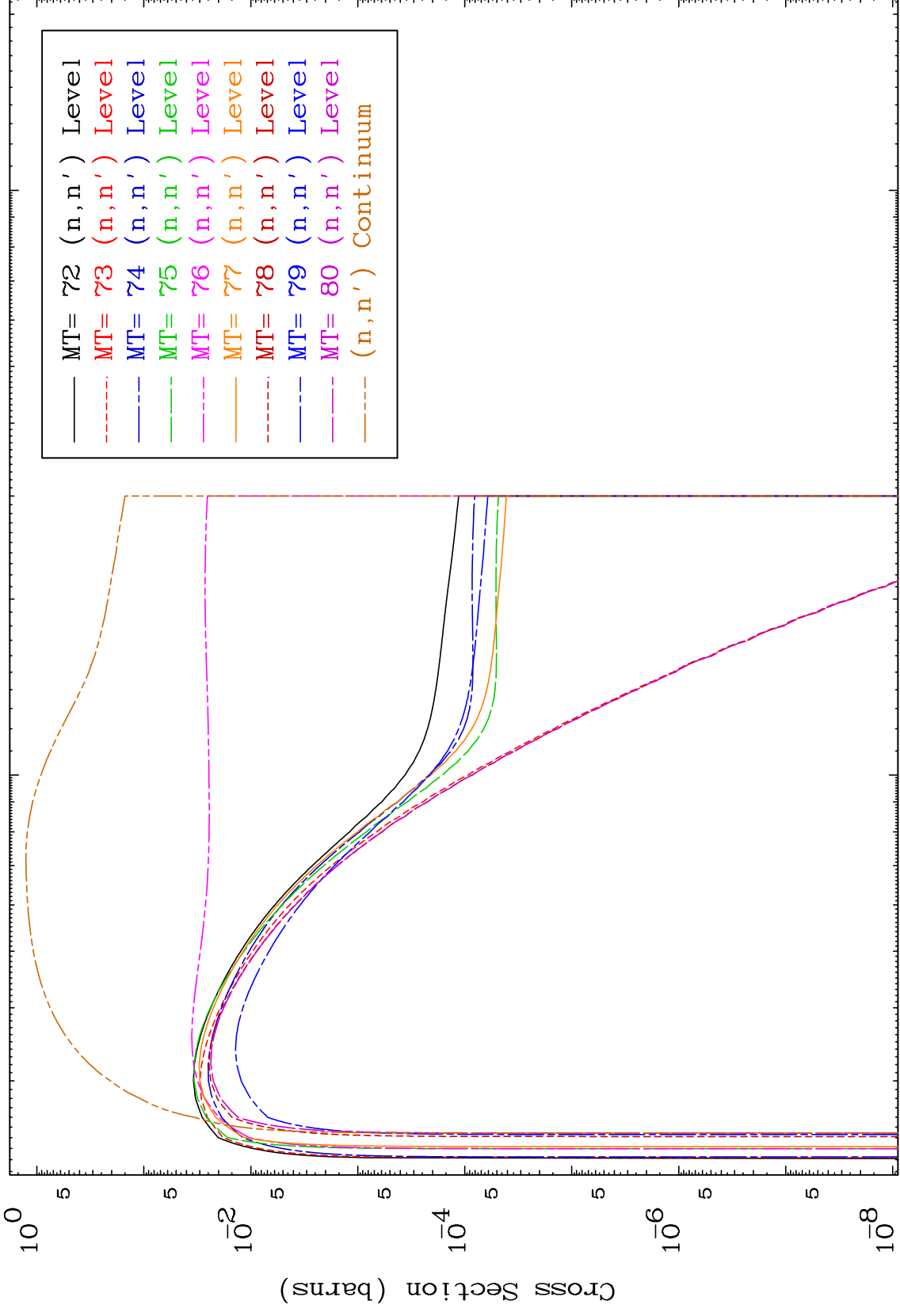


8

Incident Energy (MeV)

31-Ga-67

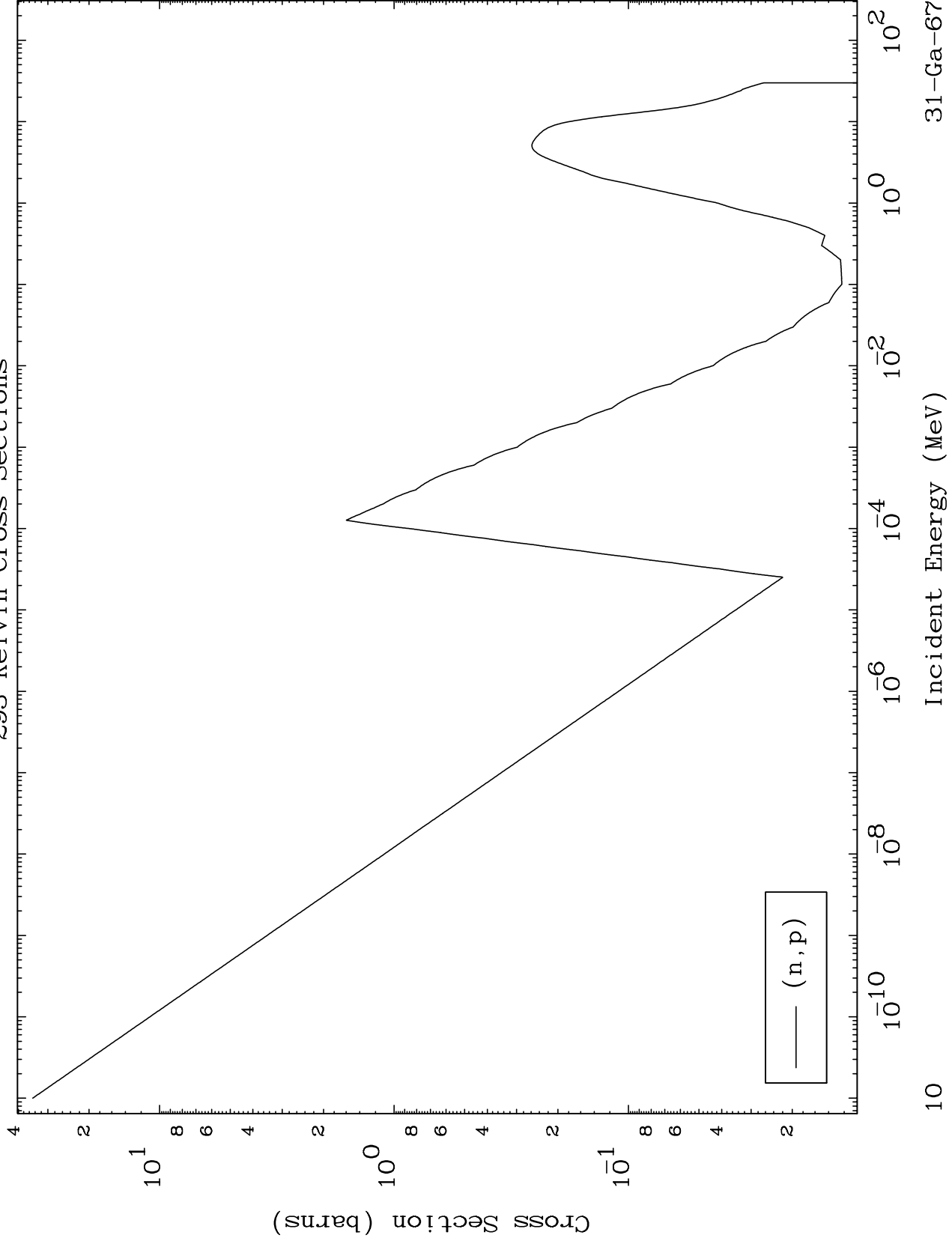
293 Kelvin Cross Sections



MAT 3119

(n,p) Levels
293 Kelvin Cross Sections

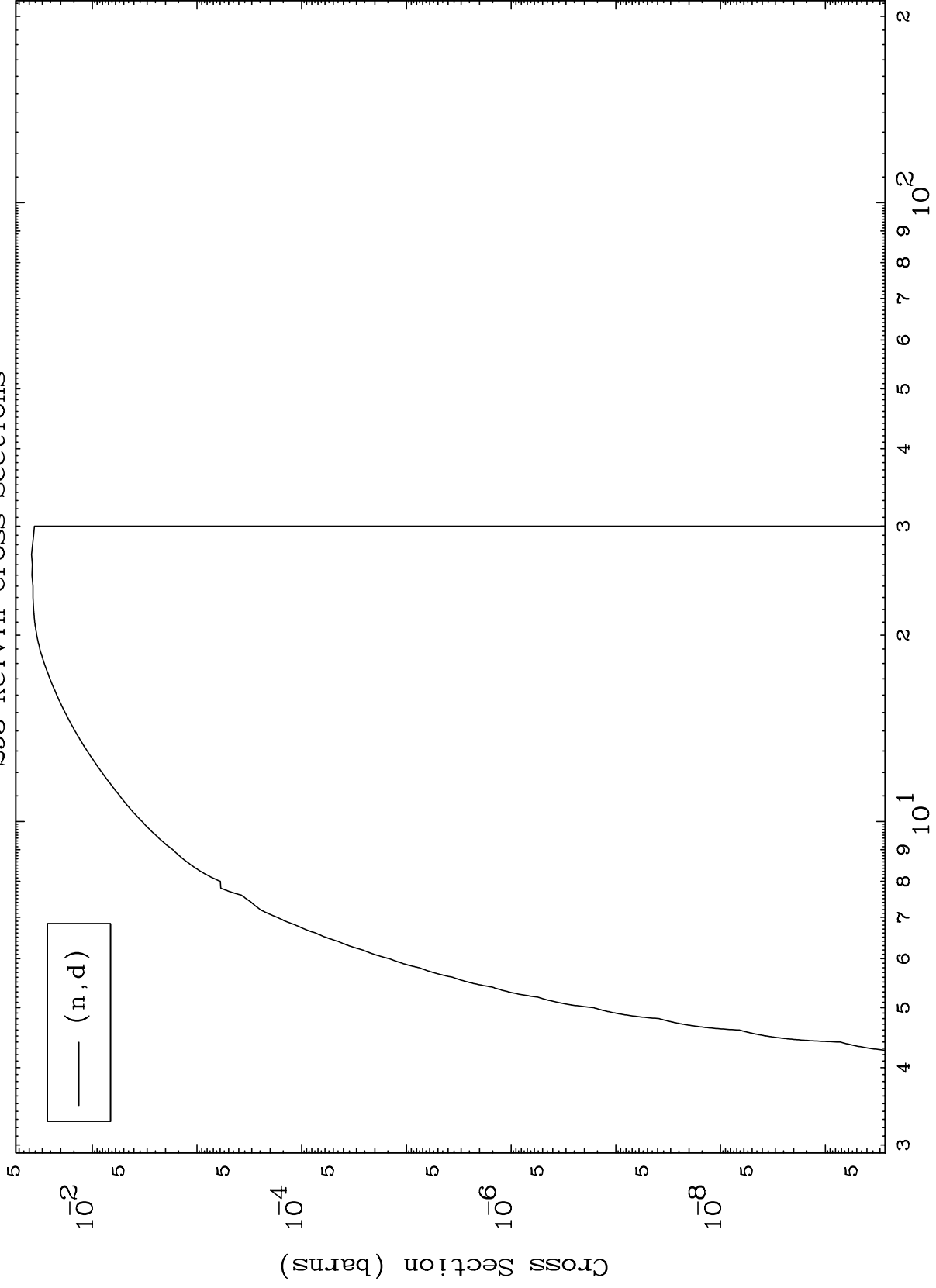
31-Ga-67



MAT 3119

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-67



11

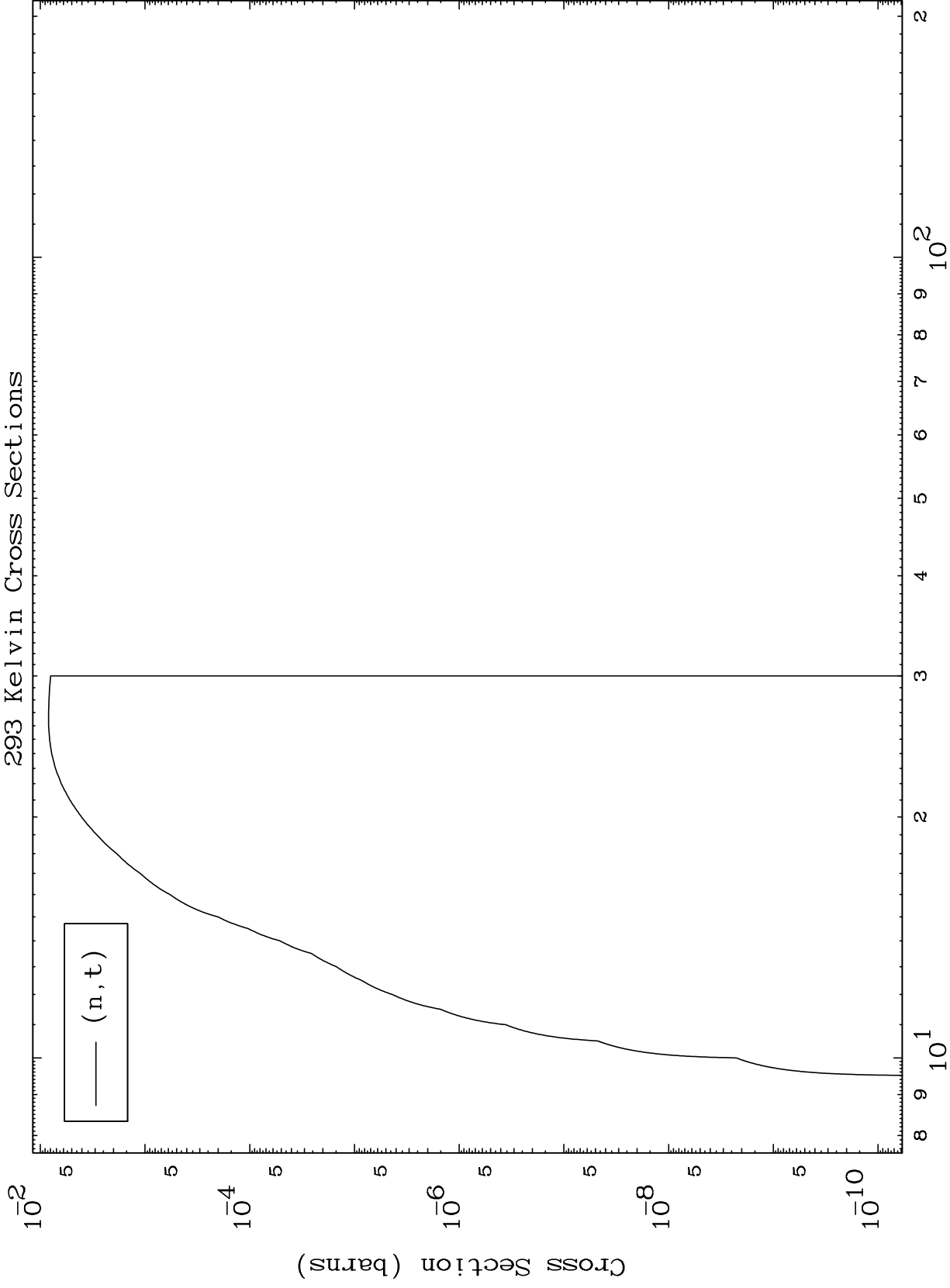
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-67



12

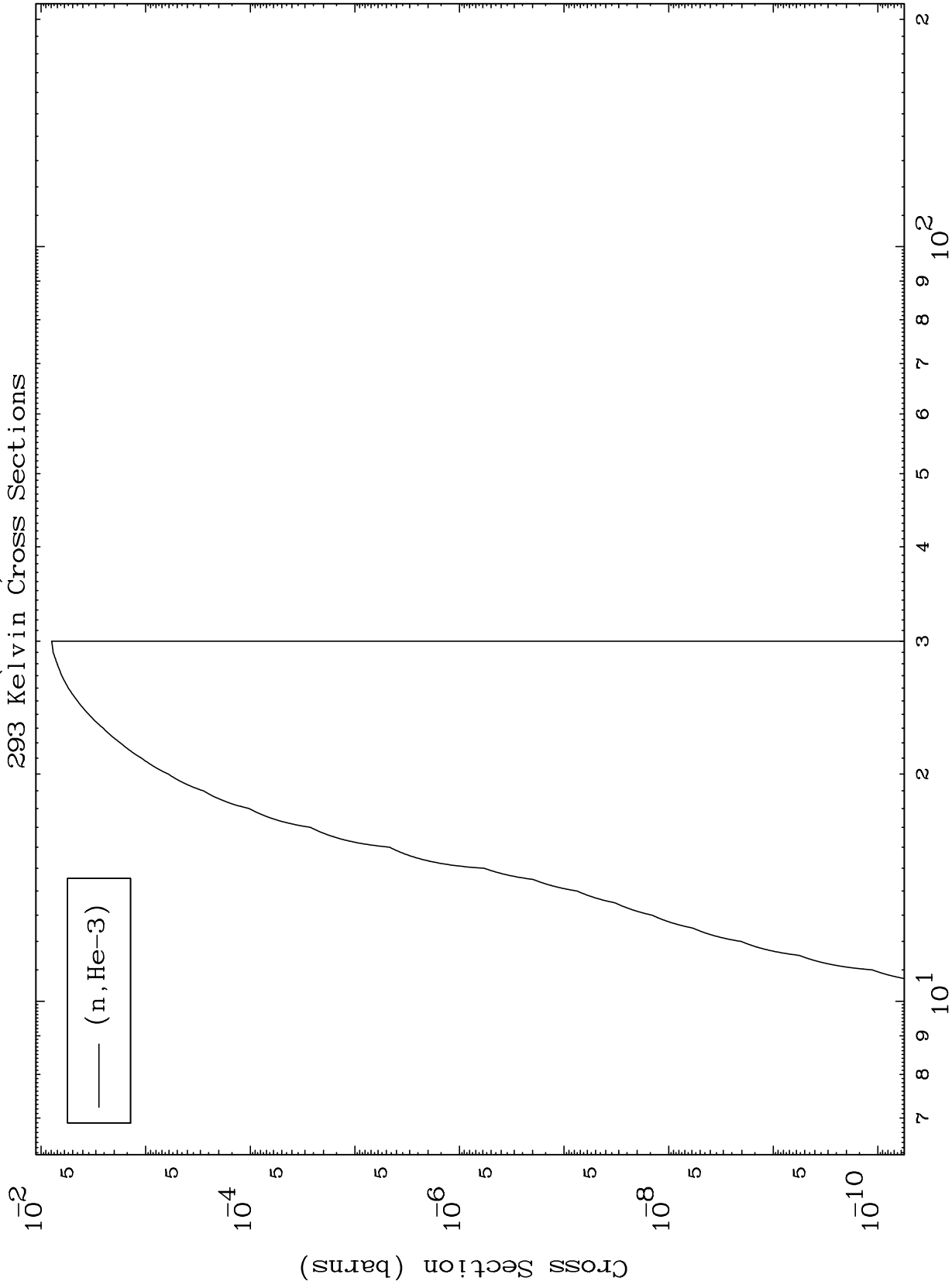
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-67



13

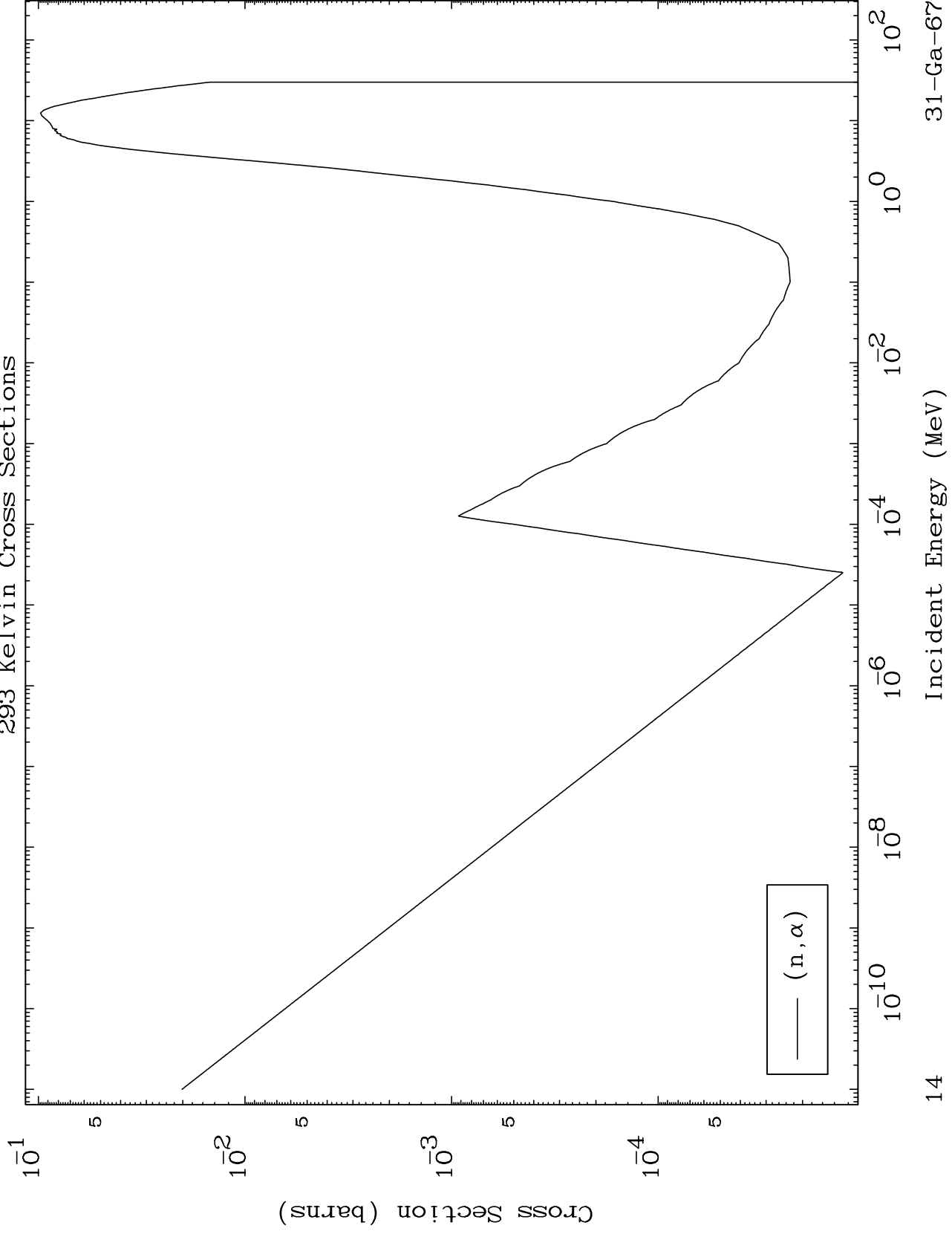
Incident Energy (MeV)

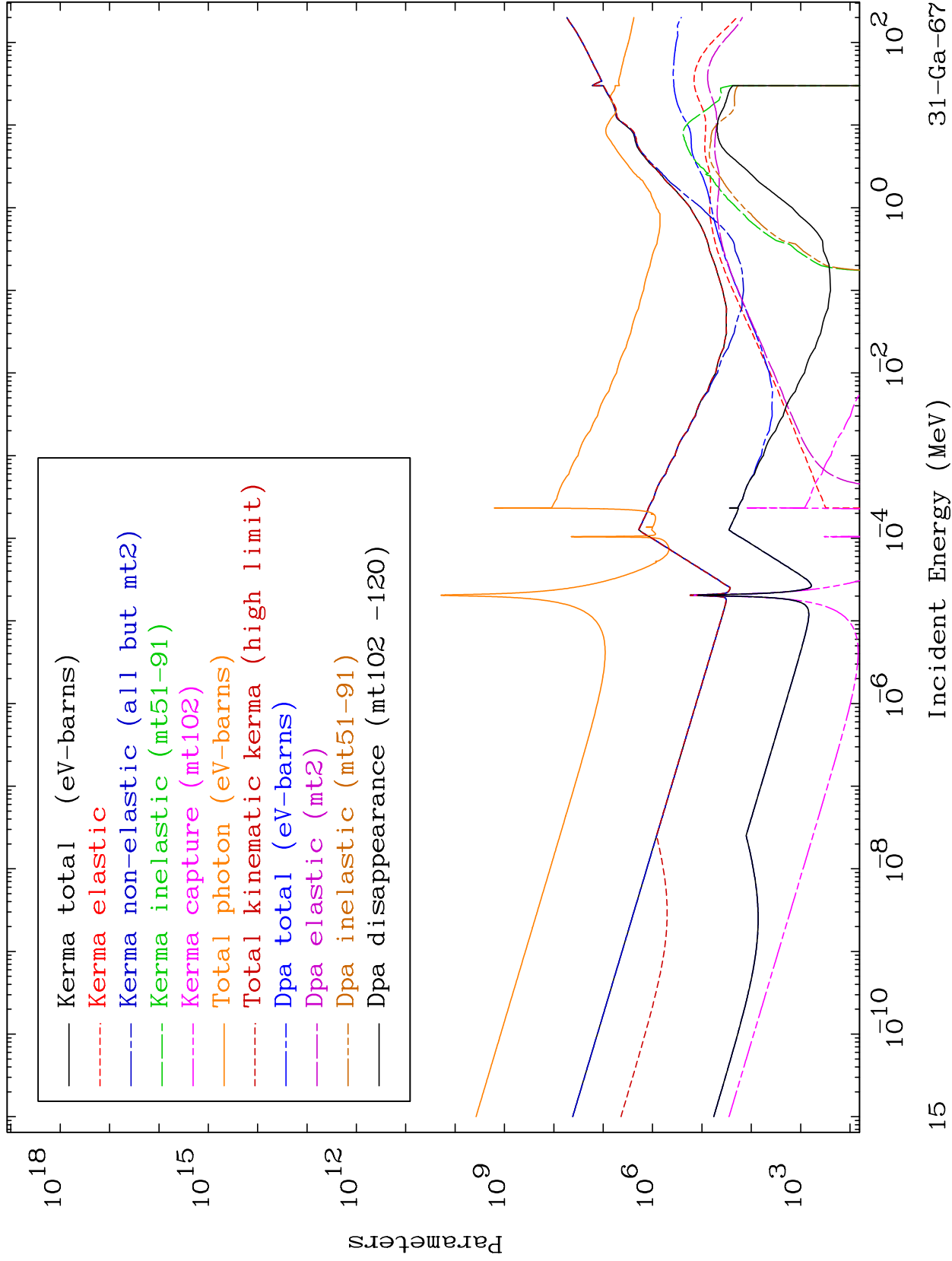
31-Ga-67

MAT 3119

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-67

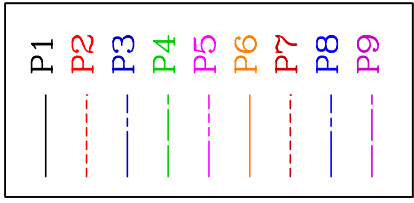
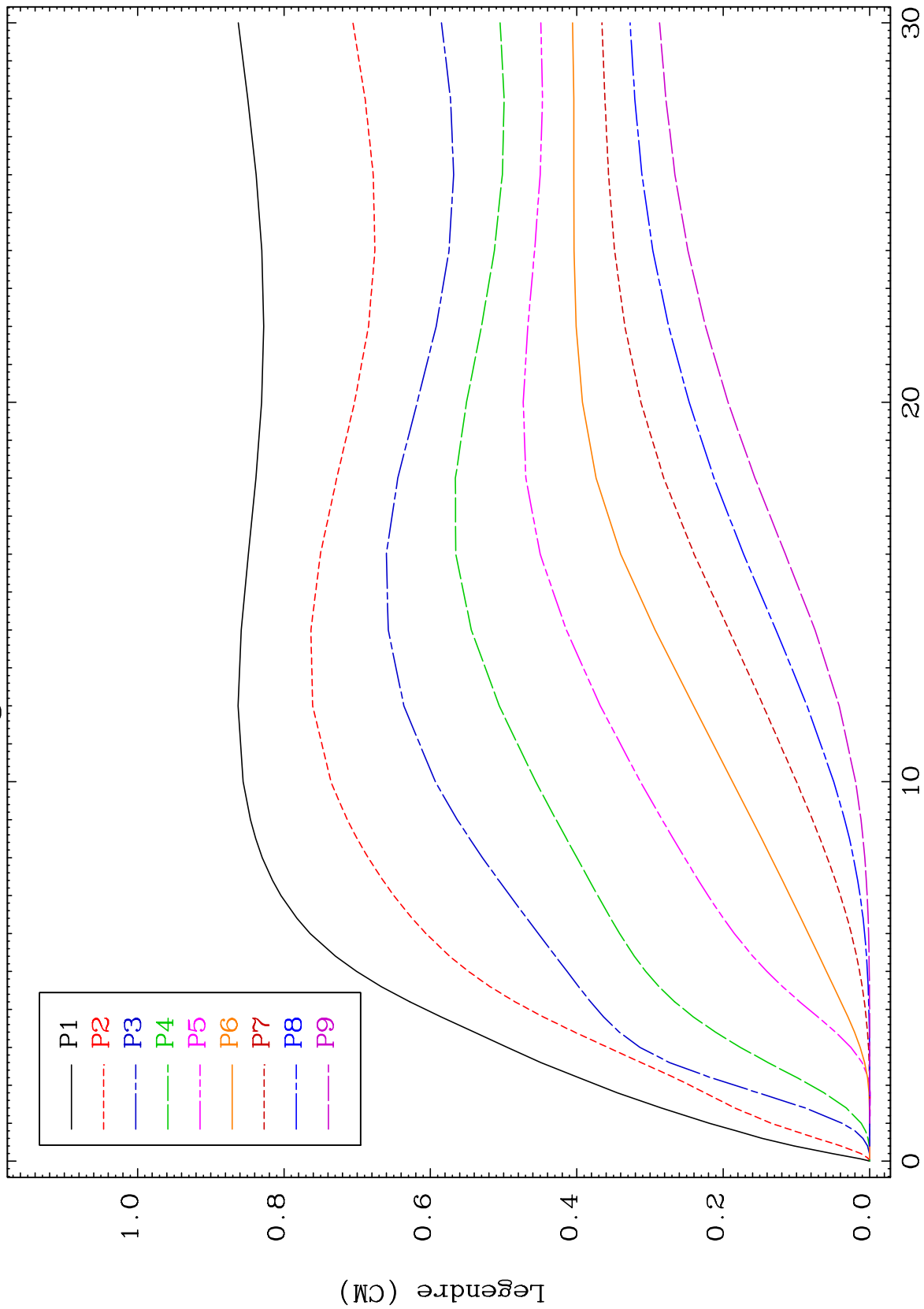




MAT 3119

Elastic Legendre Coefficients

31-Ga-67



16

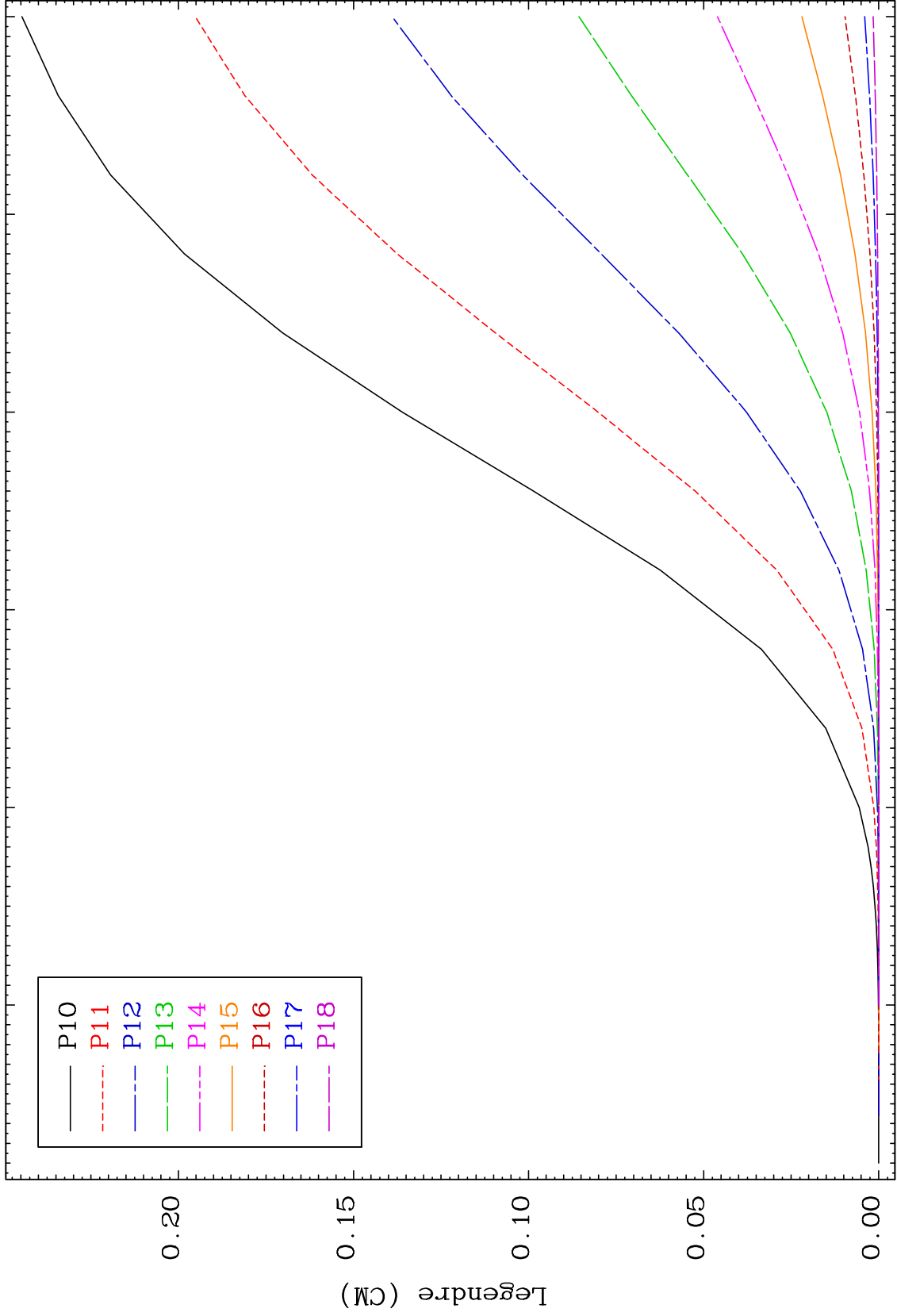
Incident Energy (MeV)

31-Ga-67

MAT 3119

Elastic Legendre Coefficients

31-Ga-67



17

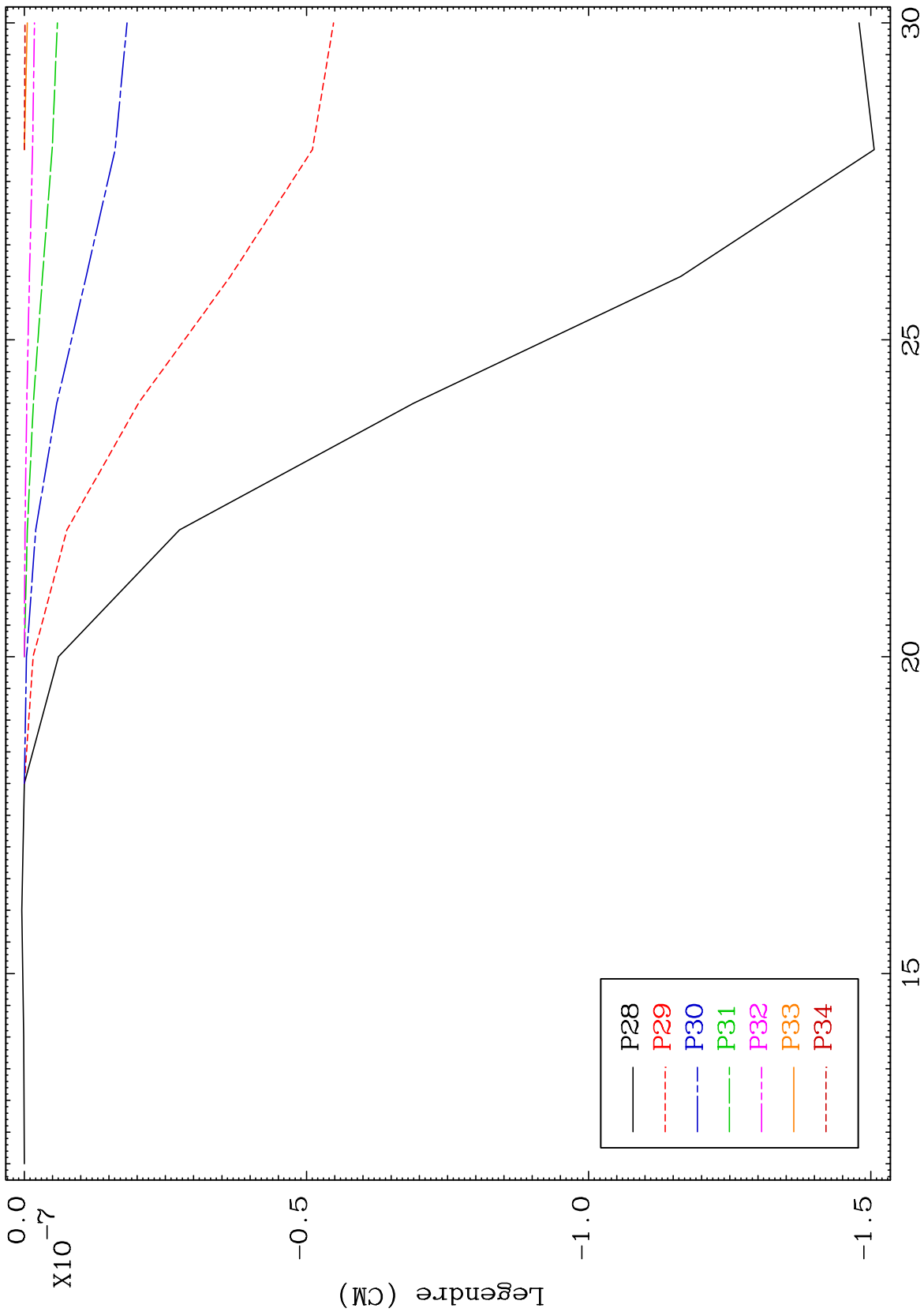
Incident Energy (MeV)

31-Ga-67

MAT 3119

31-Ga-67

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

-1.0

-1.5

15

20

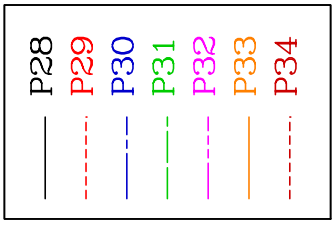
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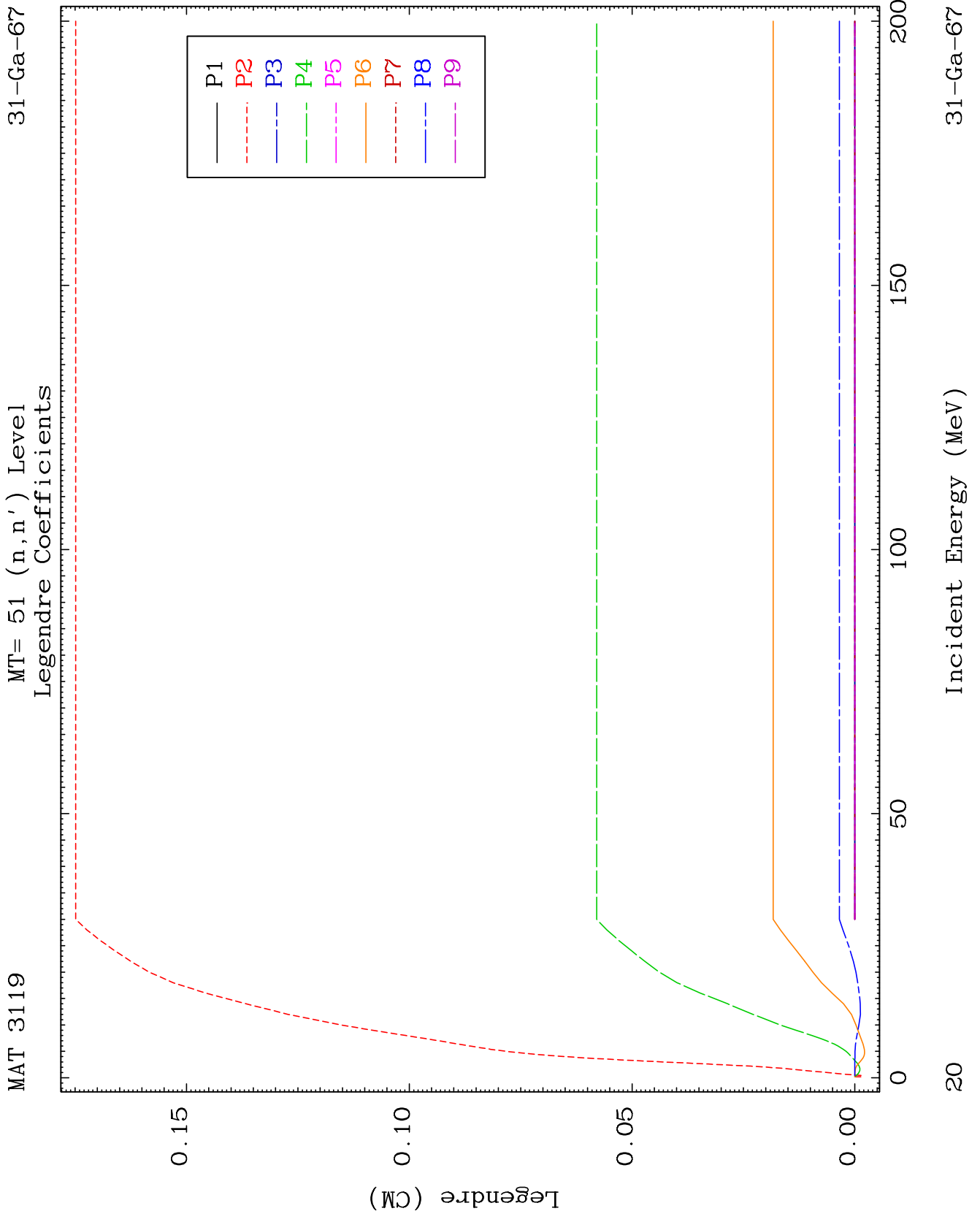
30

19

Incident Energy (MeV)

31-Ga-67

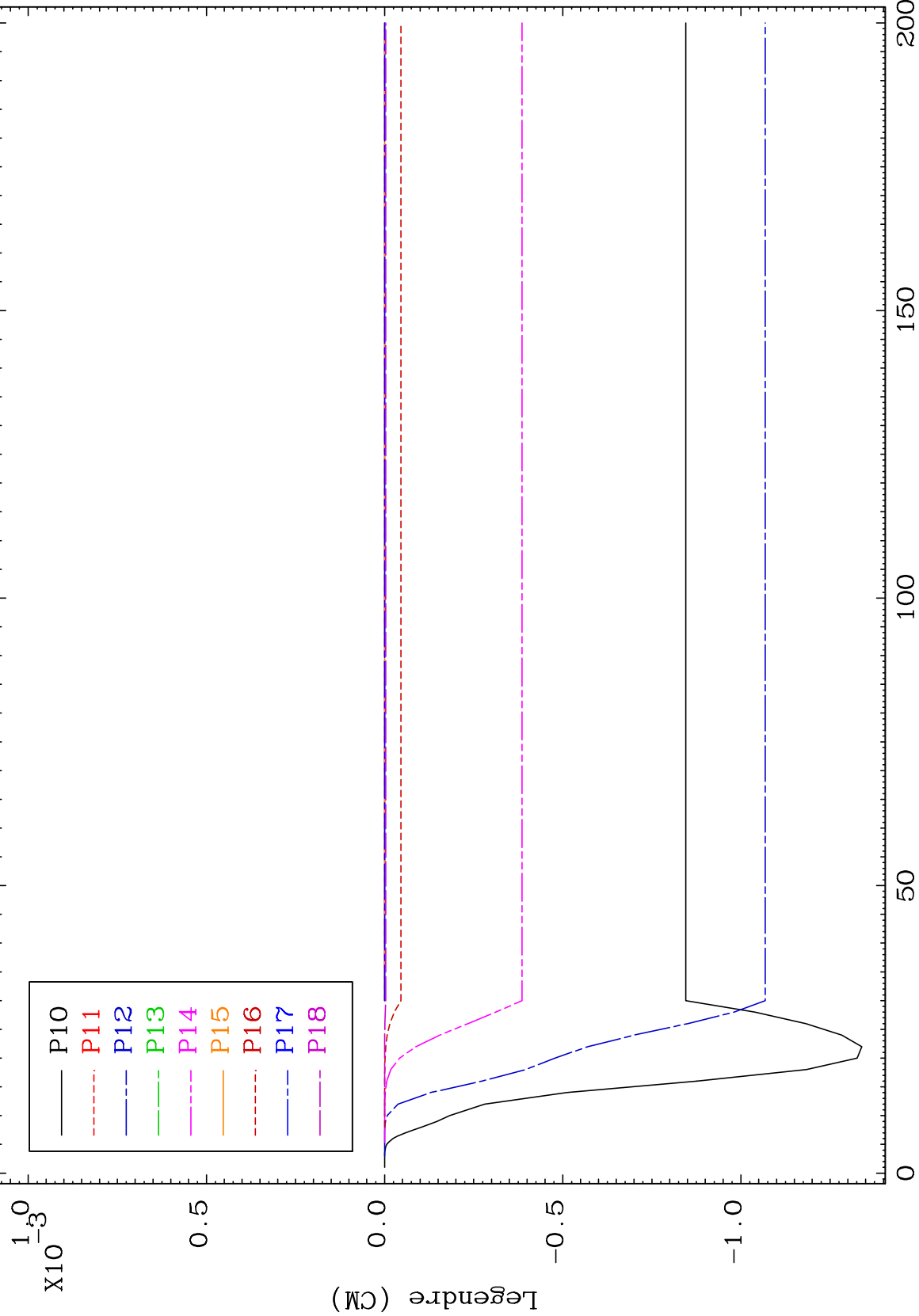




MAT 3119

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

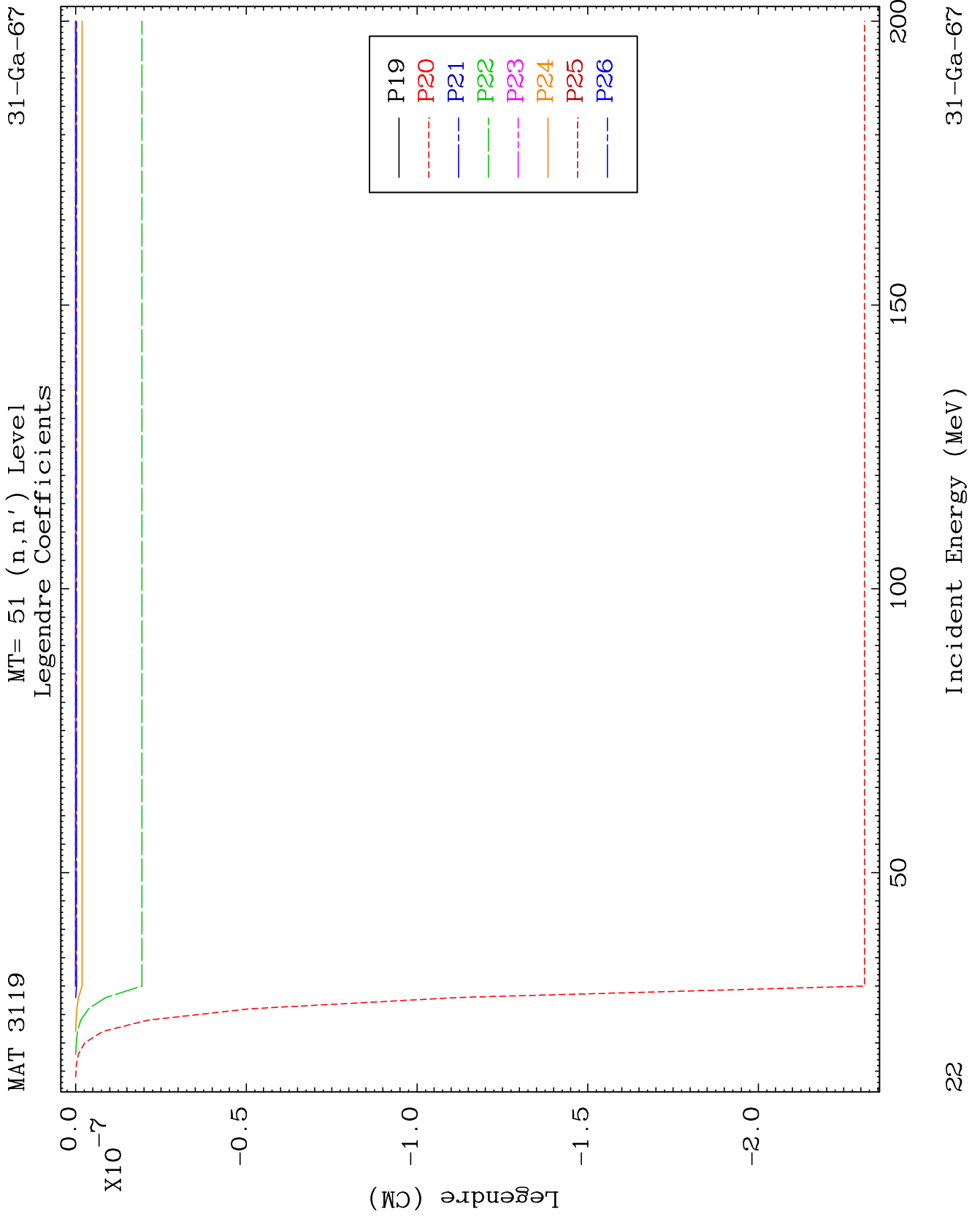
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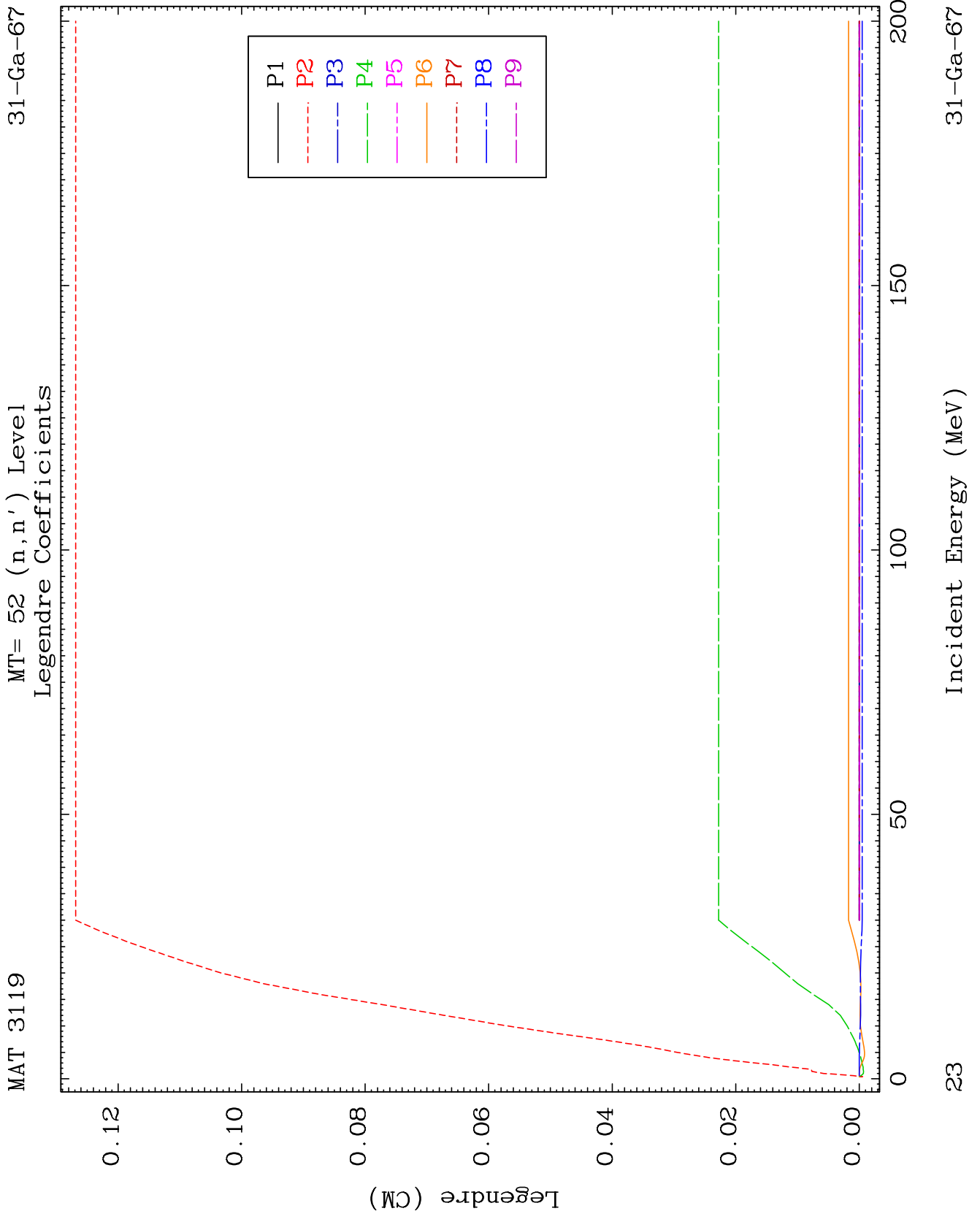


21

Incident Energy (MeV)

31-Ga-67

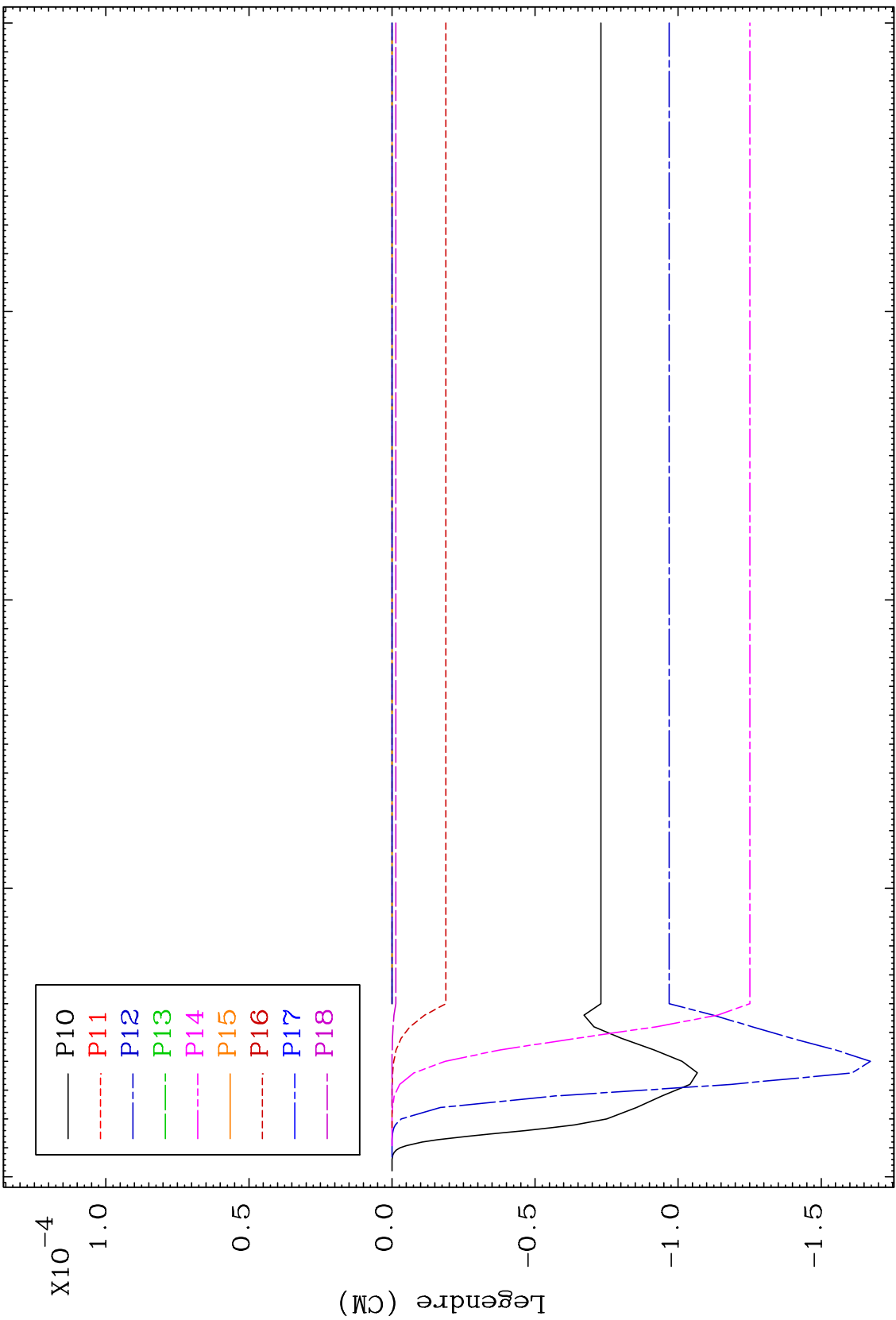
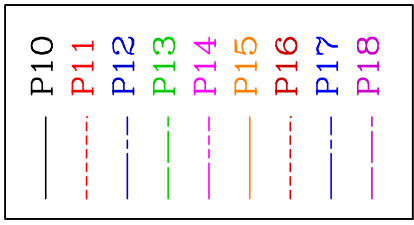




MAT 3119

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

31-Ga-67



200

150

100

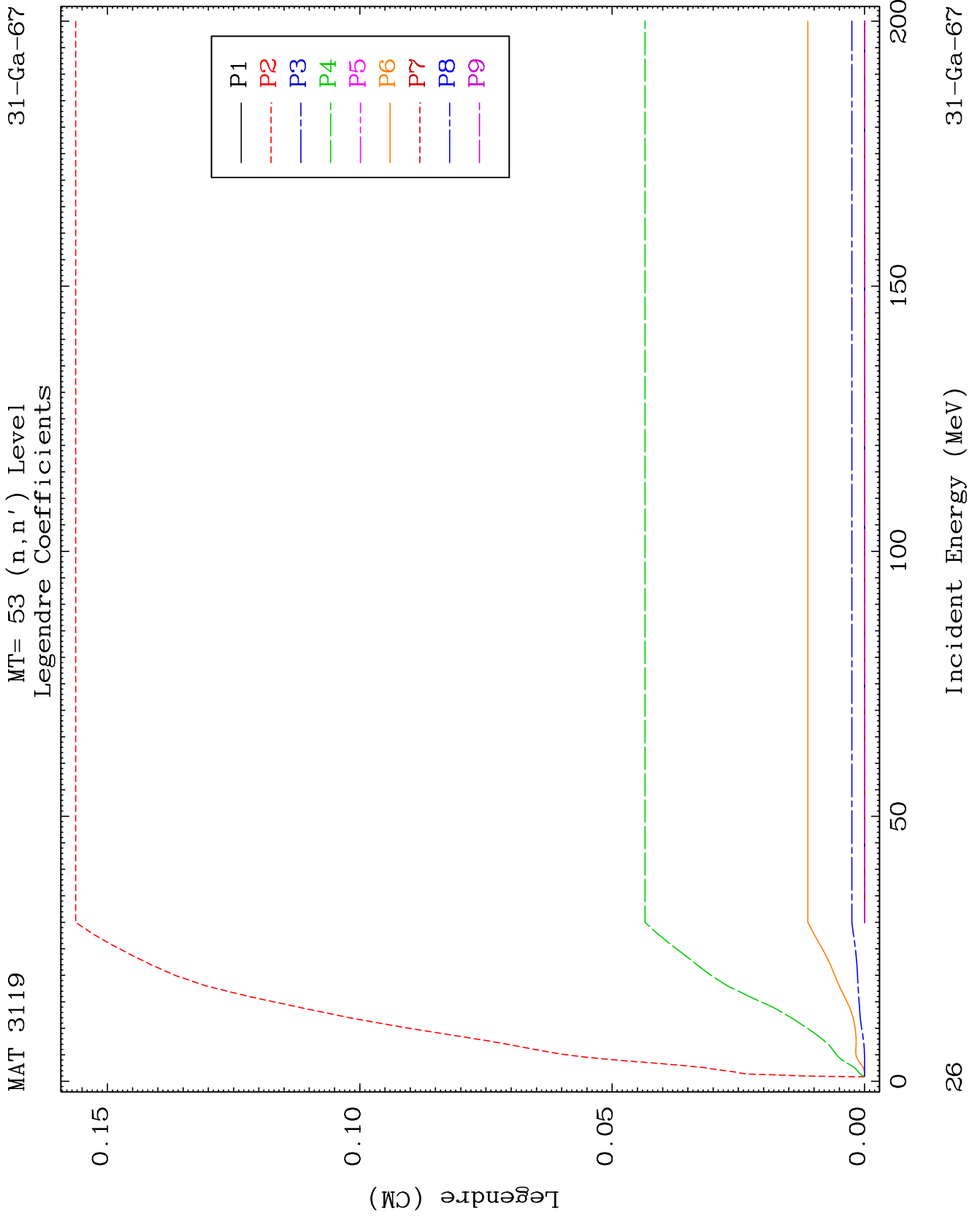
50

0

24

Incident Energy (MeV)

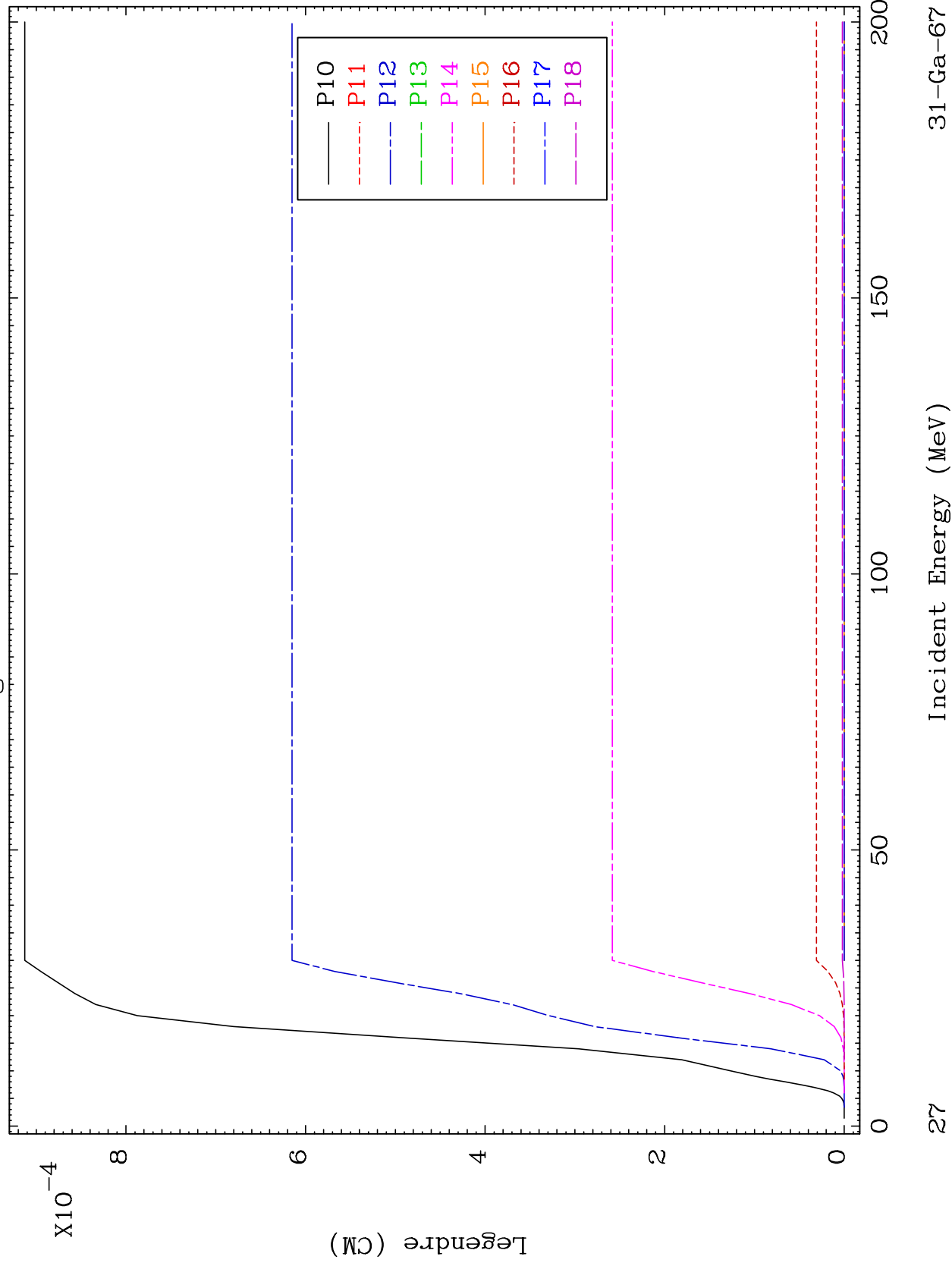
31-Ga-67

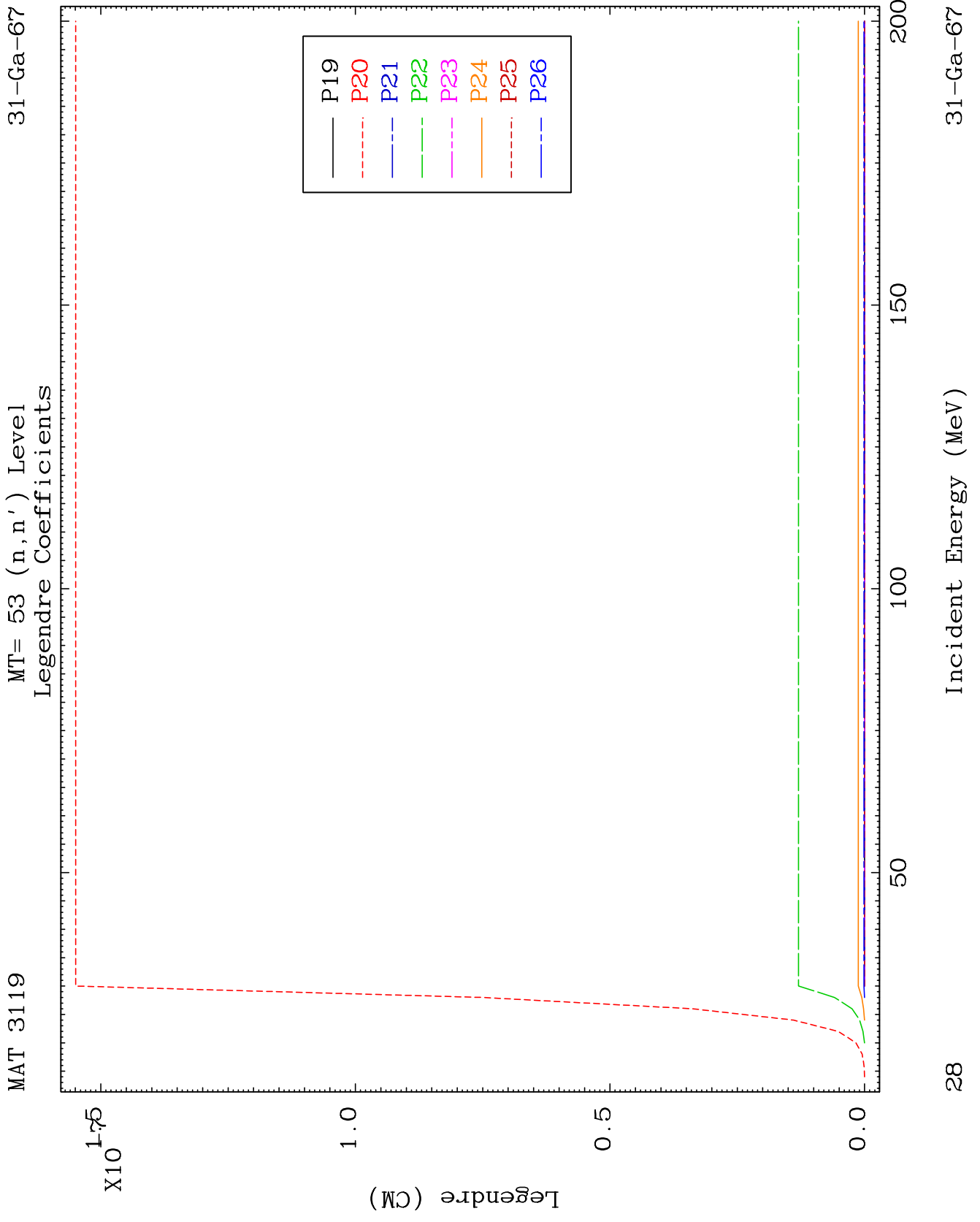


MAT 3119

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

31-Ga-67

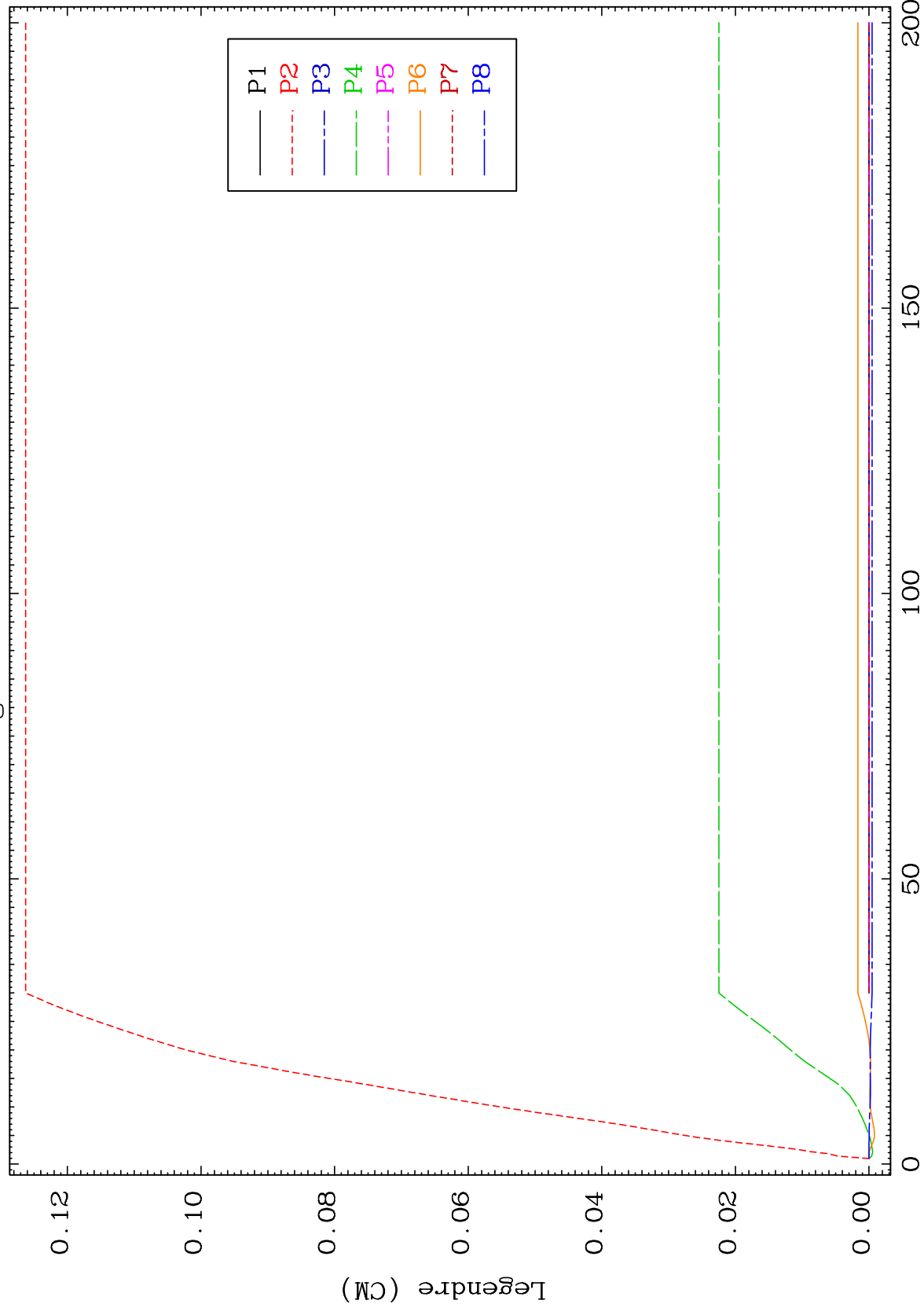




MAT 3119

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

31-Ga-67



29

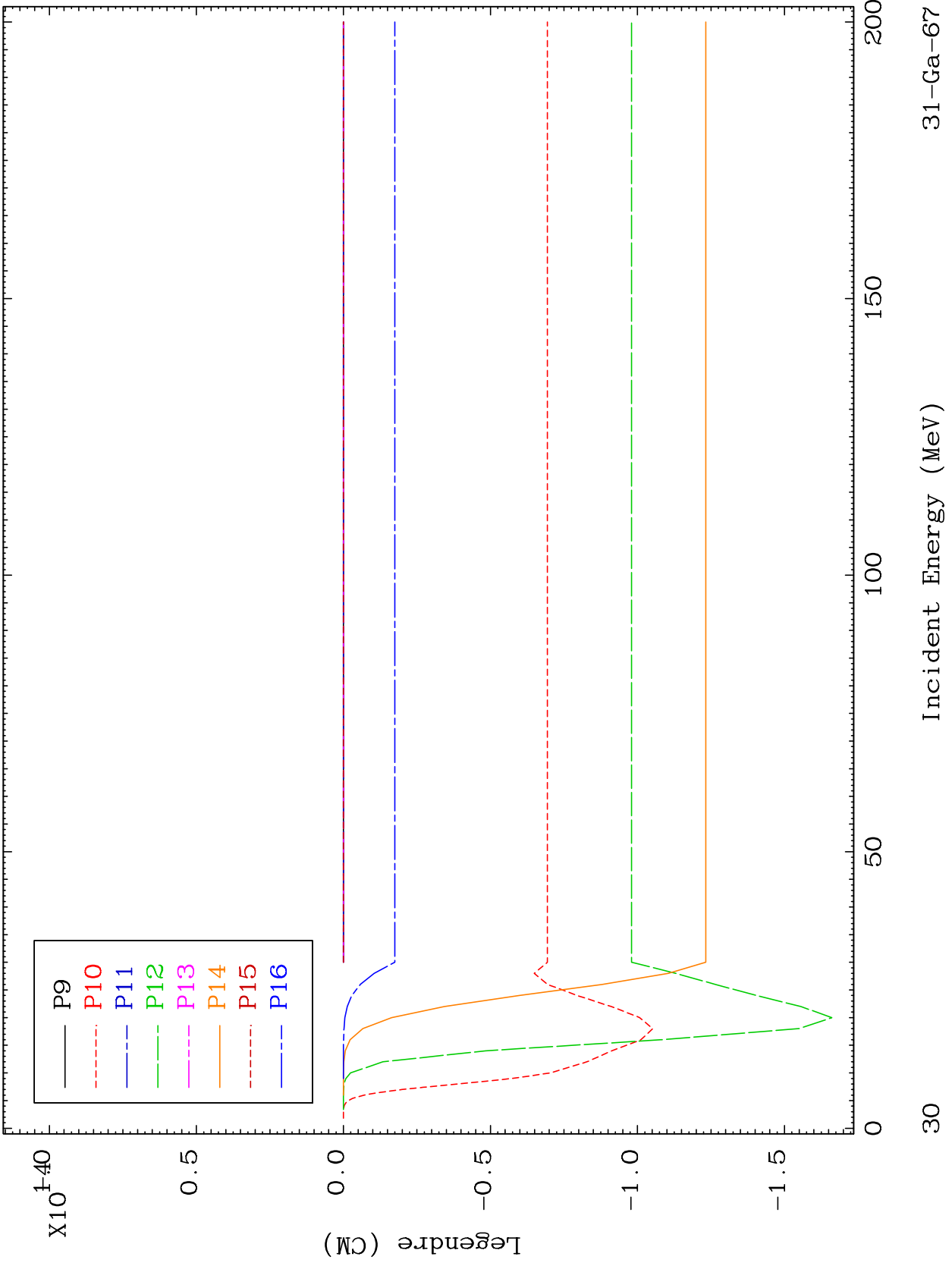
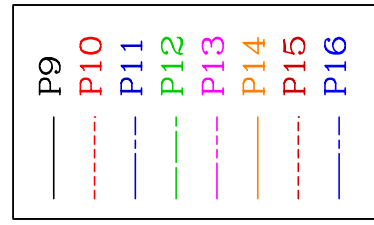
Incident Energy (MeV)

31-Ga-67

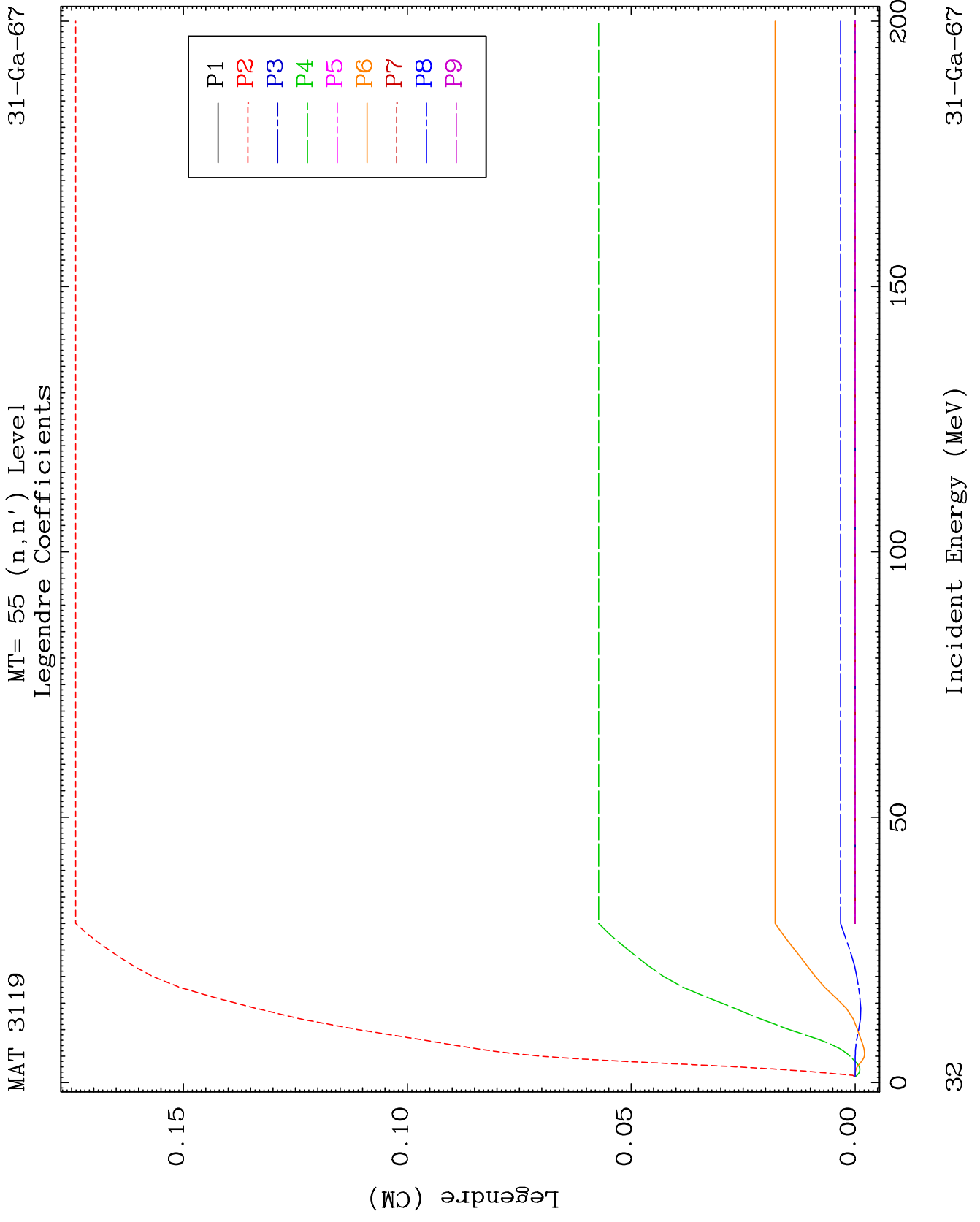
MAT 3119

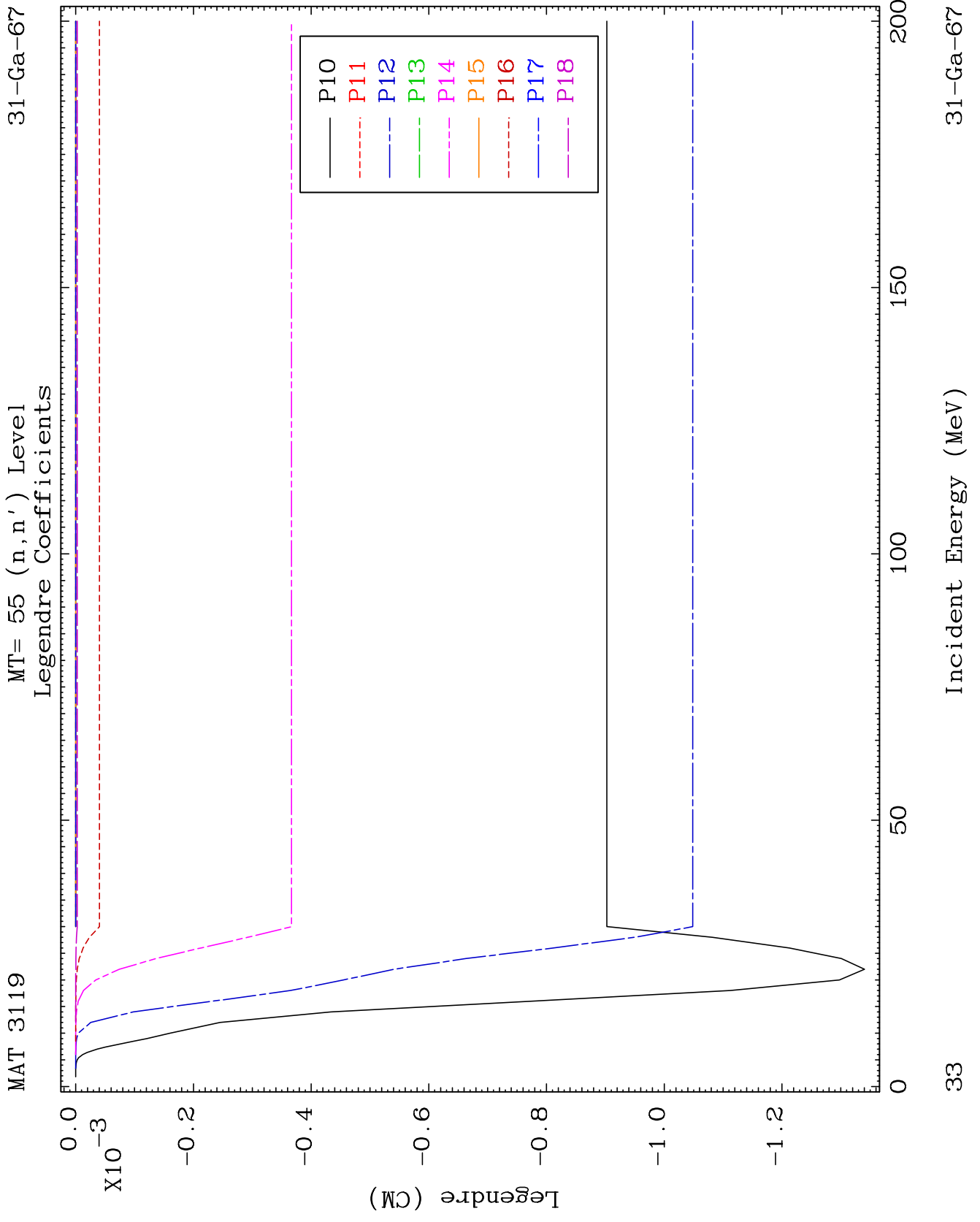
MT= 54 (n,n') Level
Legendre Coefficients

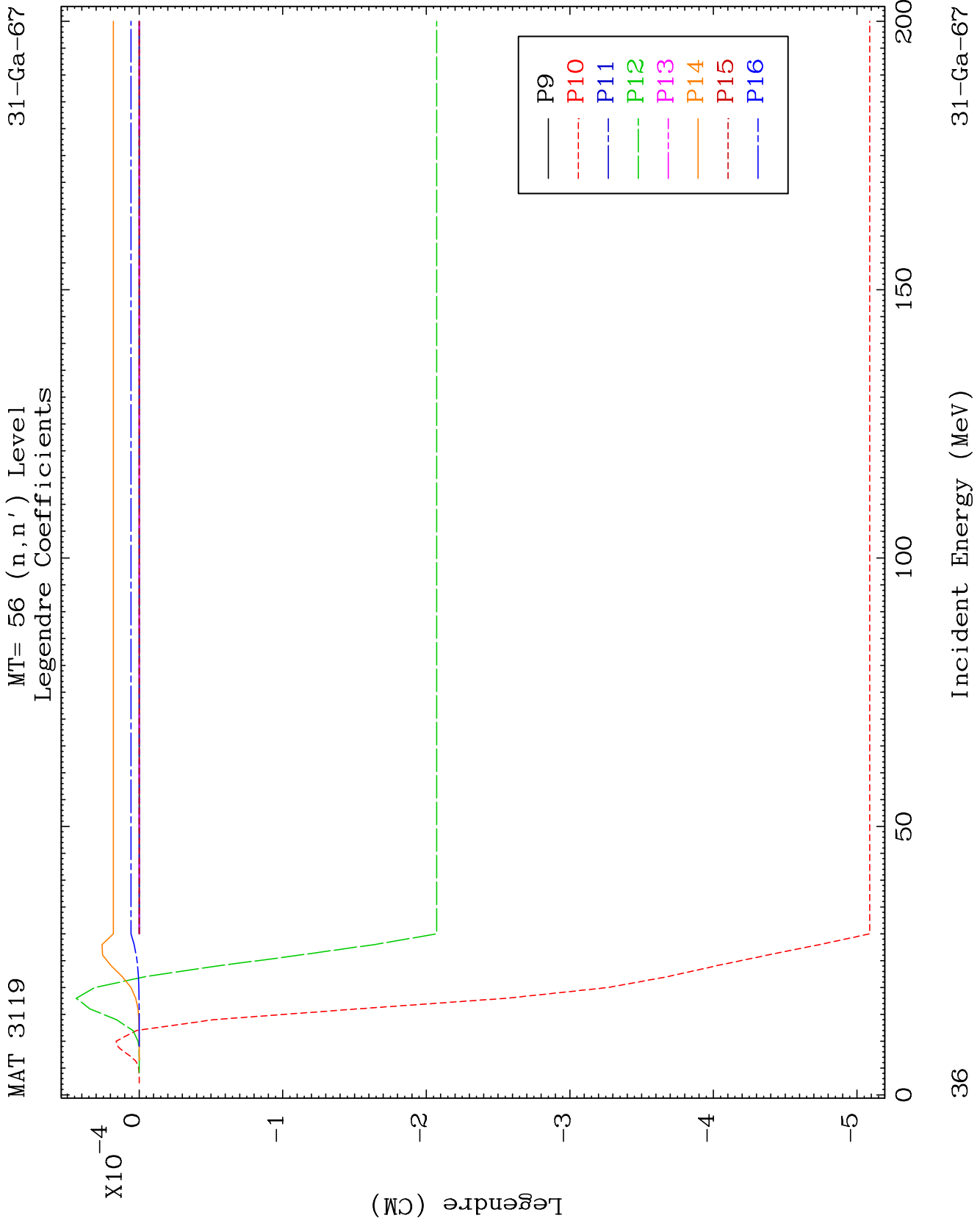
31-Ga-67



31-Ga-67



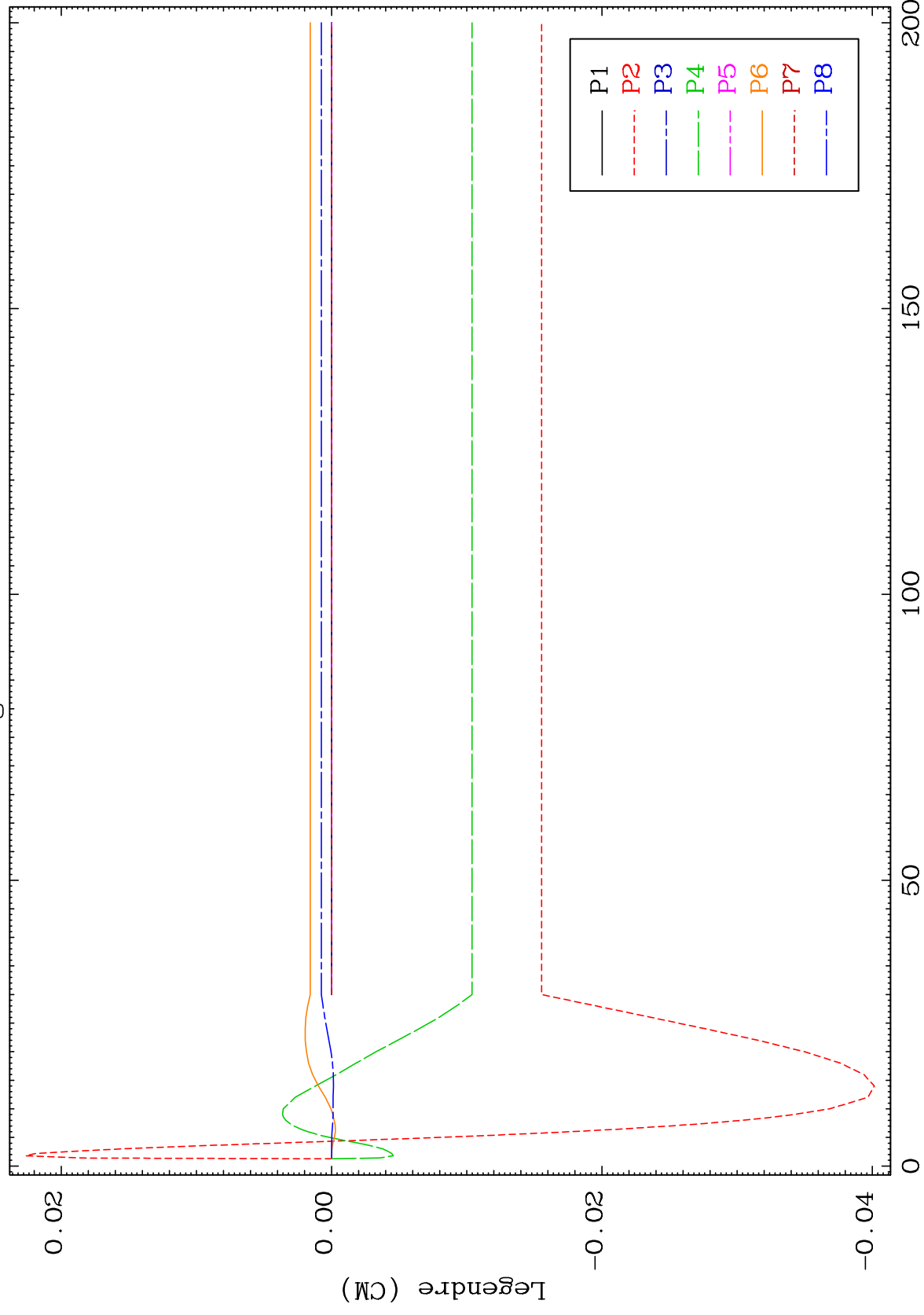




MAT 3119

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

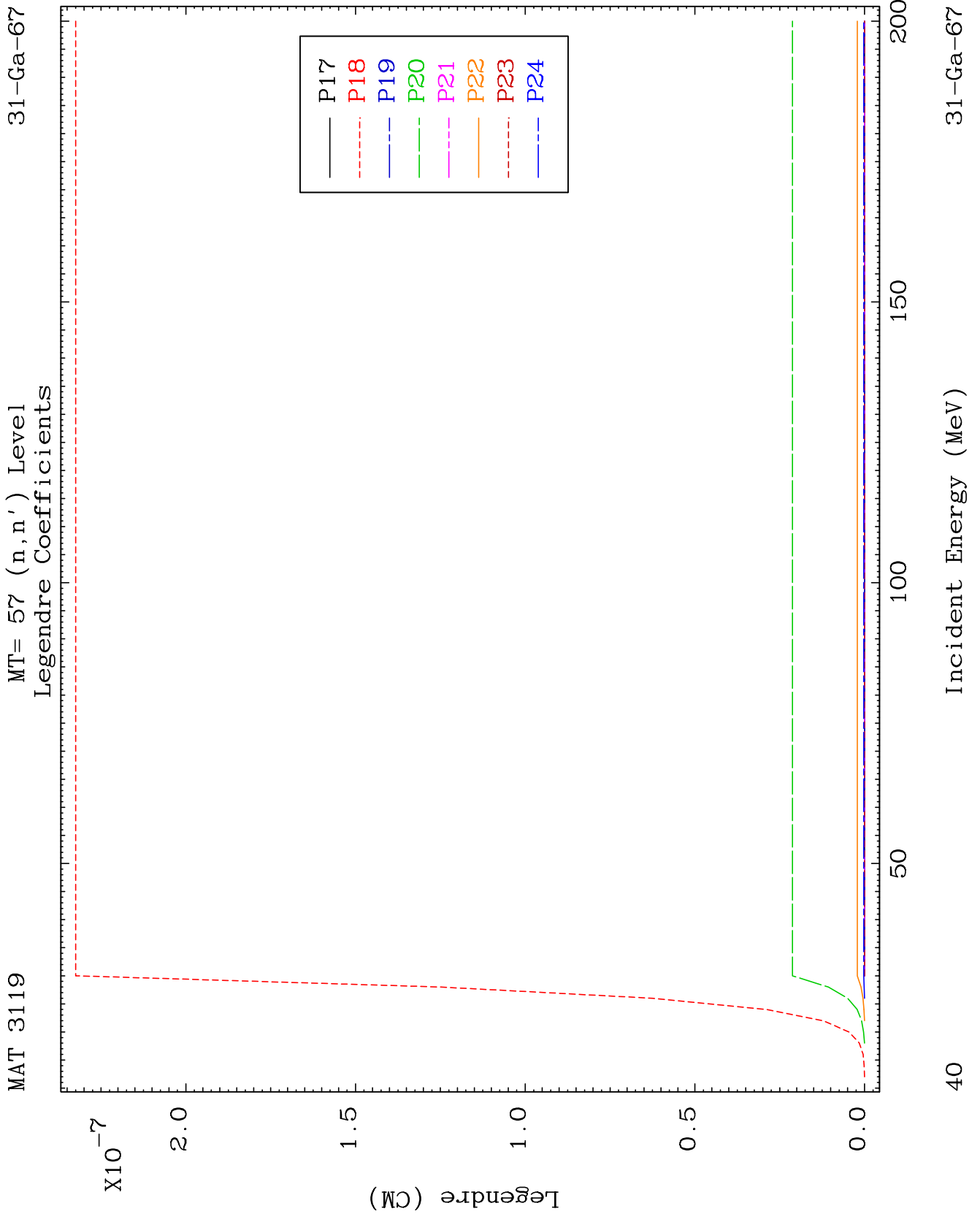
31-Ga-67

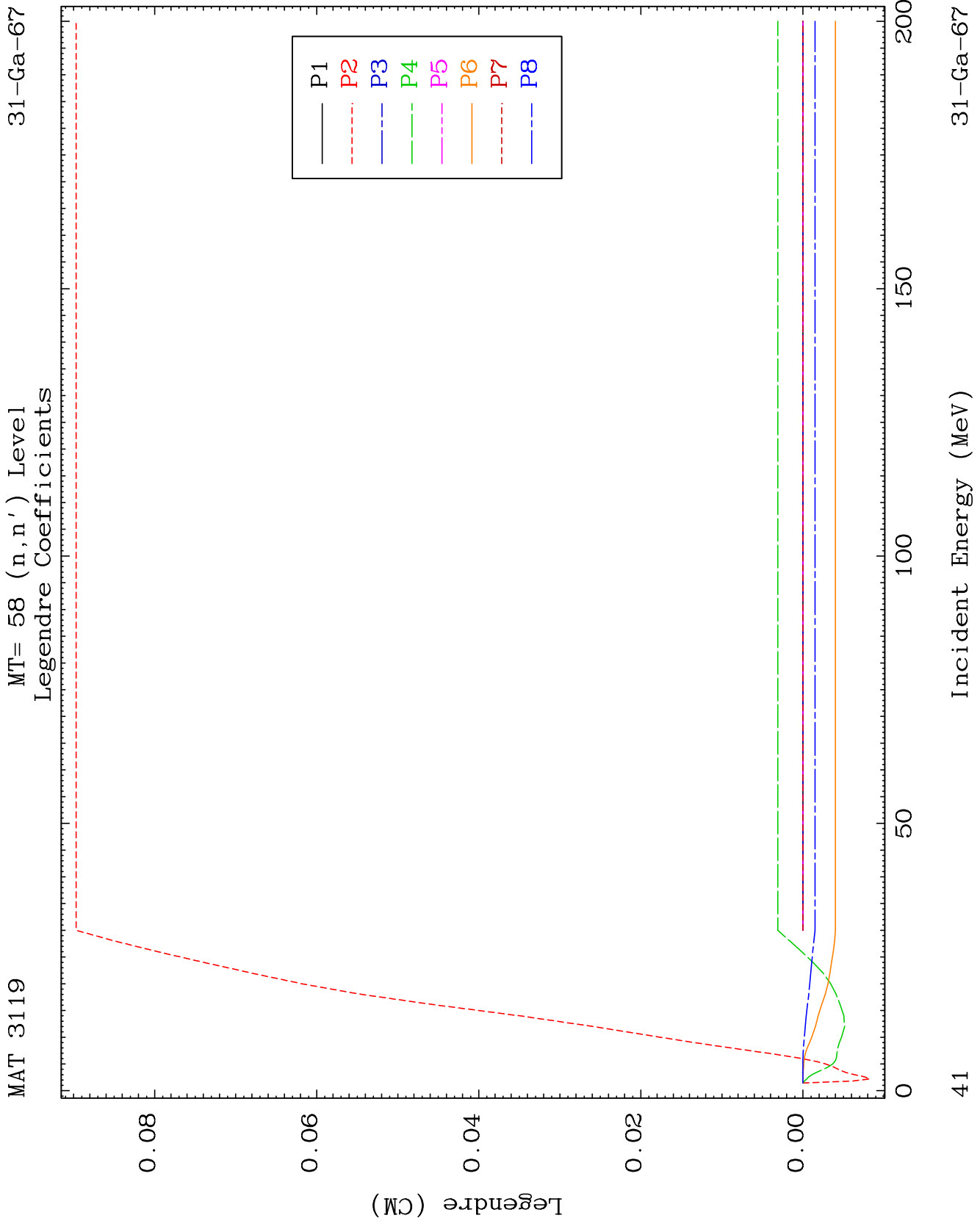


38

Incident Energy (MeV)

31-Ga-67

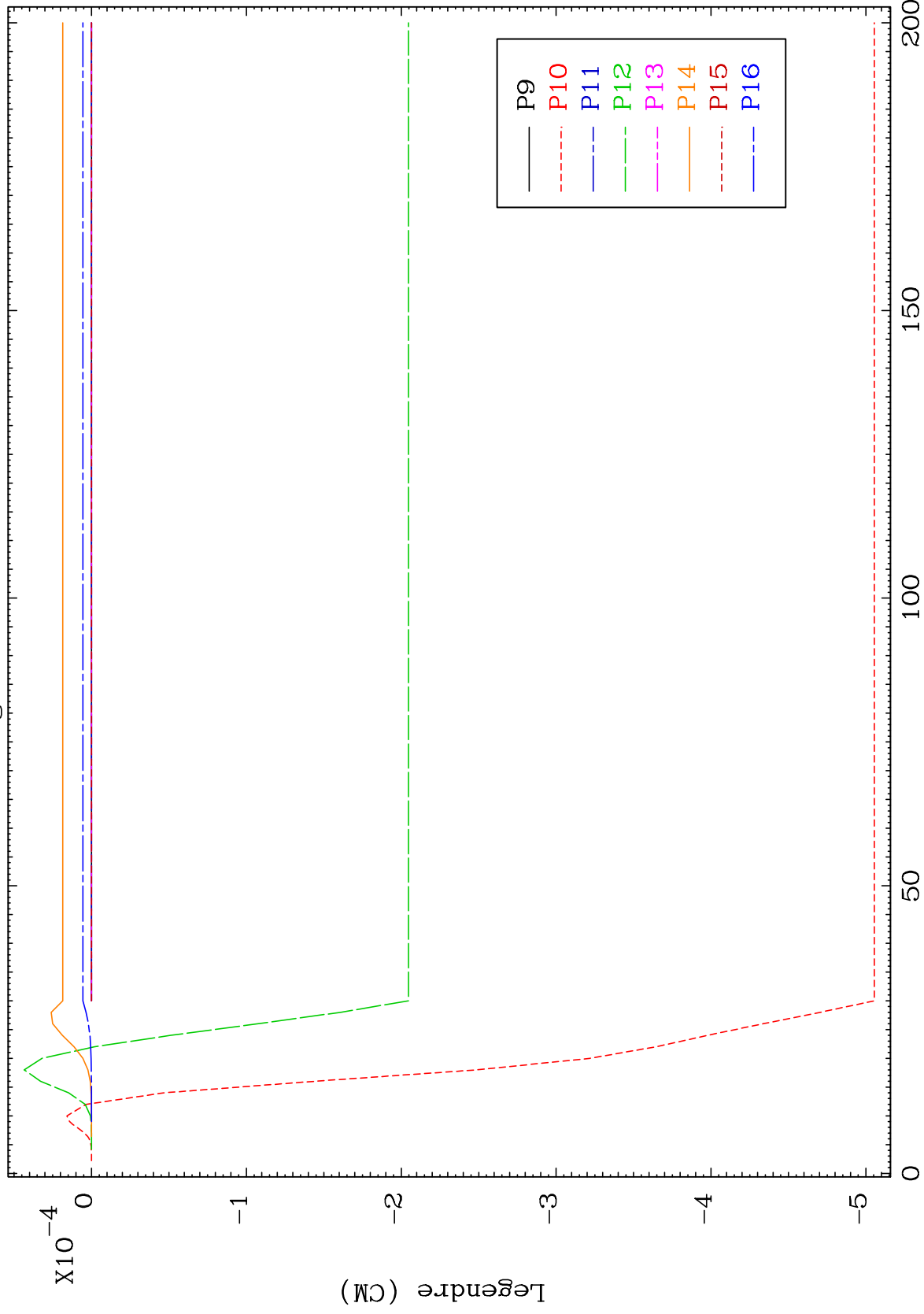




MAT 3119

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

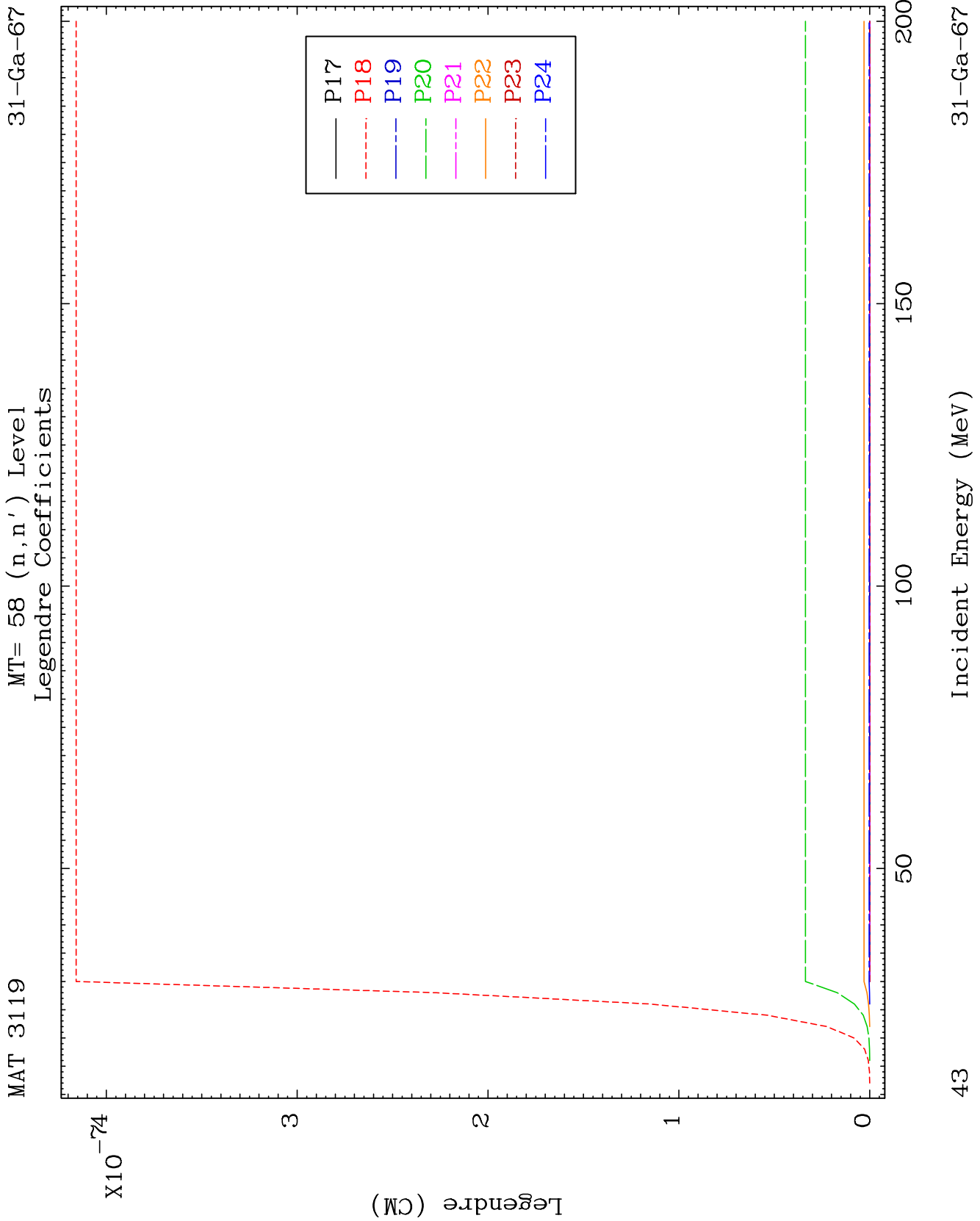
31-Ga-67

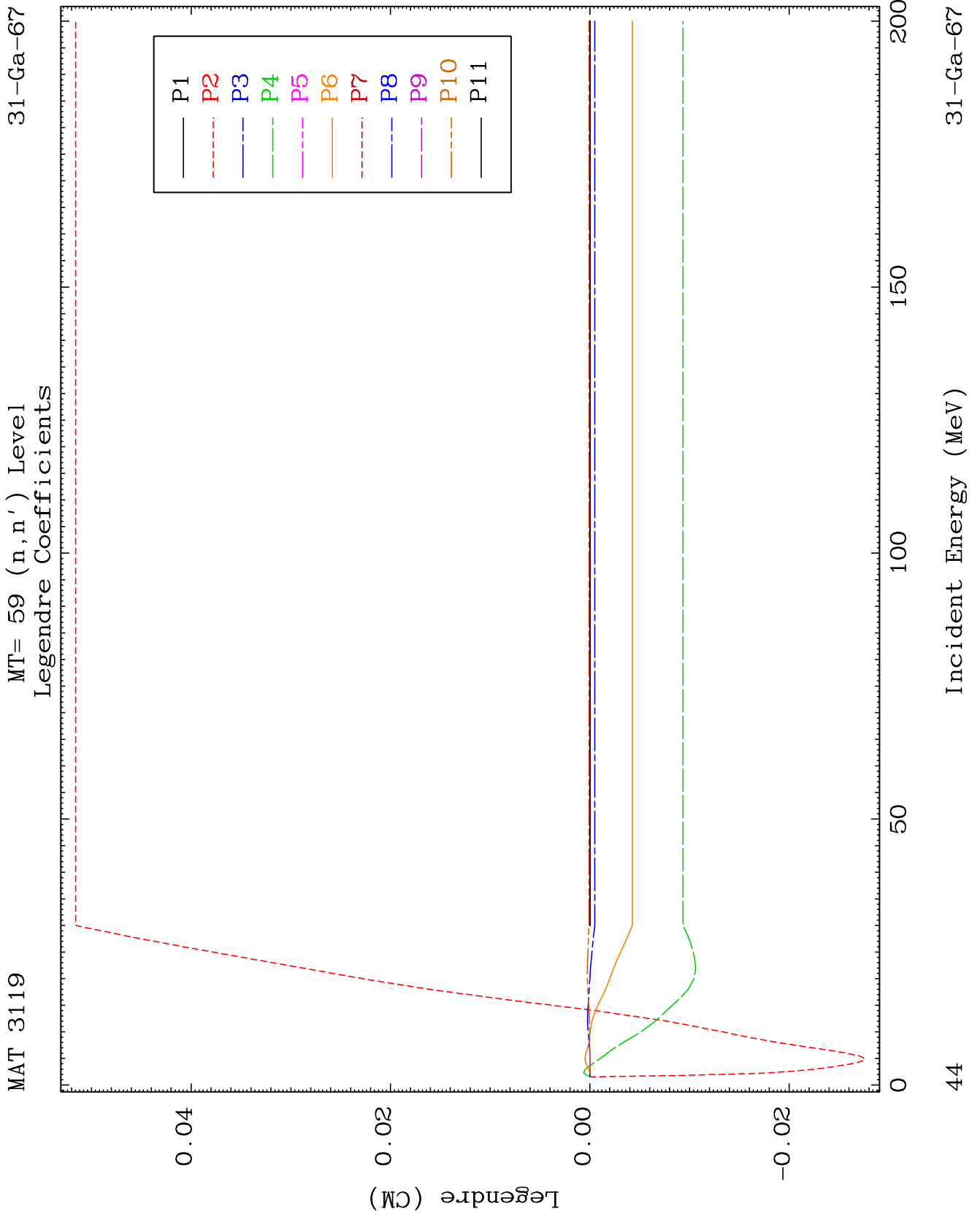


42

Incident Energy (MeV)

31-Ga-67

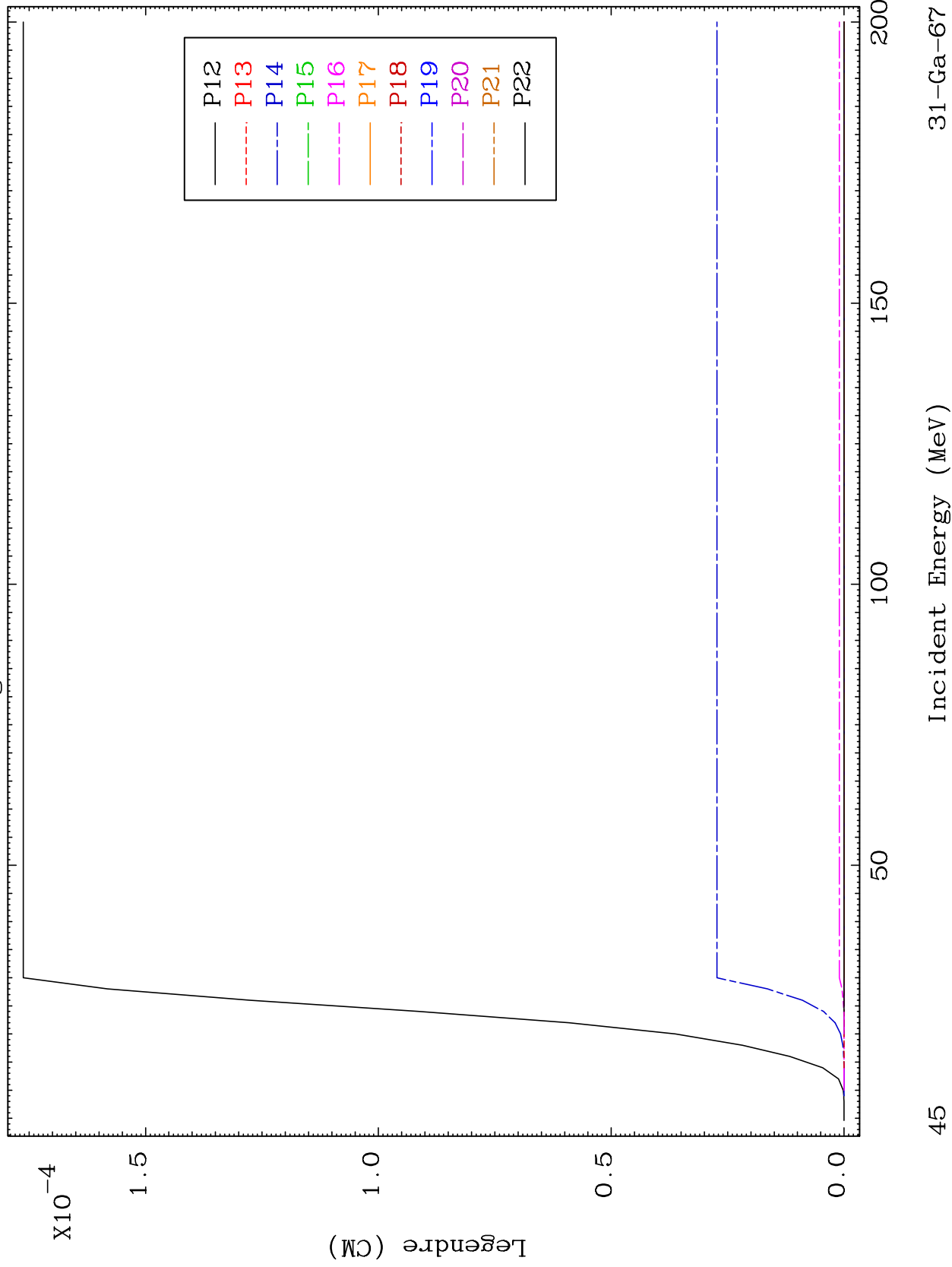




MAT 3119

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

31-Ga-67



31-Ga-67

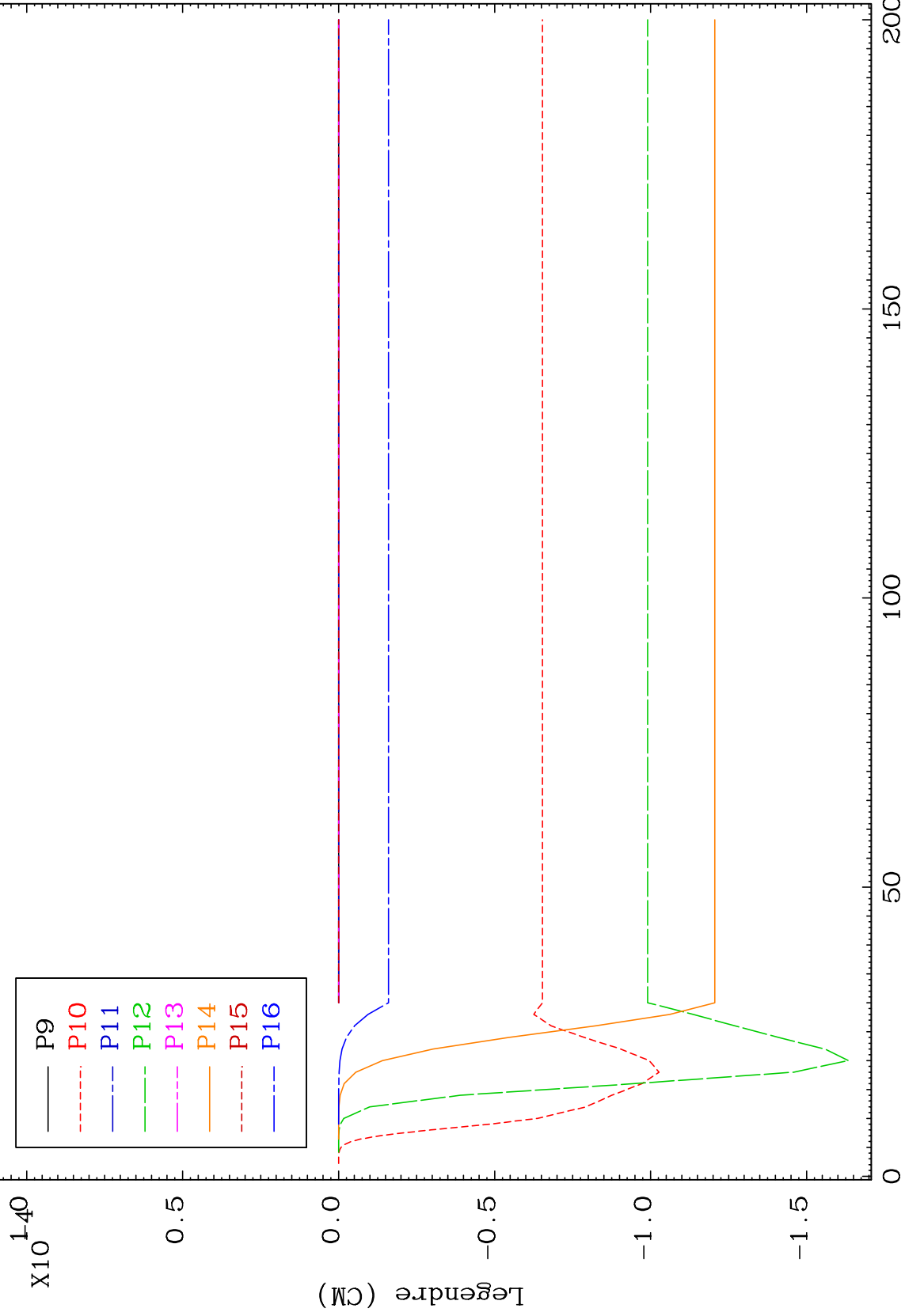
Incident Energy (MeV)

45

MAT 3119

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

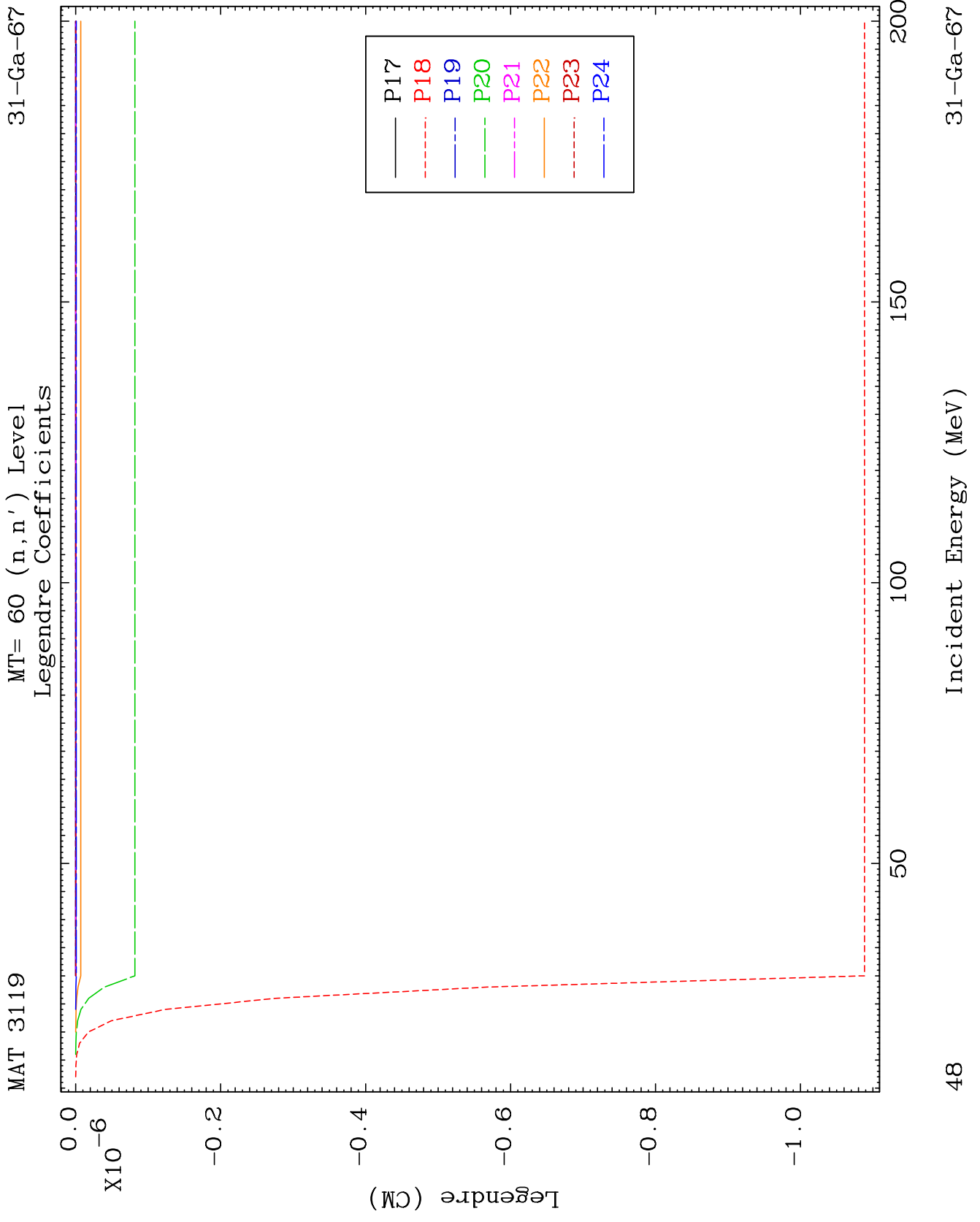
31-Ga-67



47

Incident Energy (MeV)

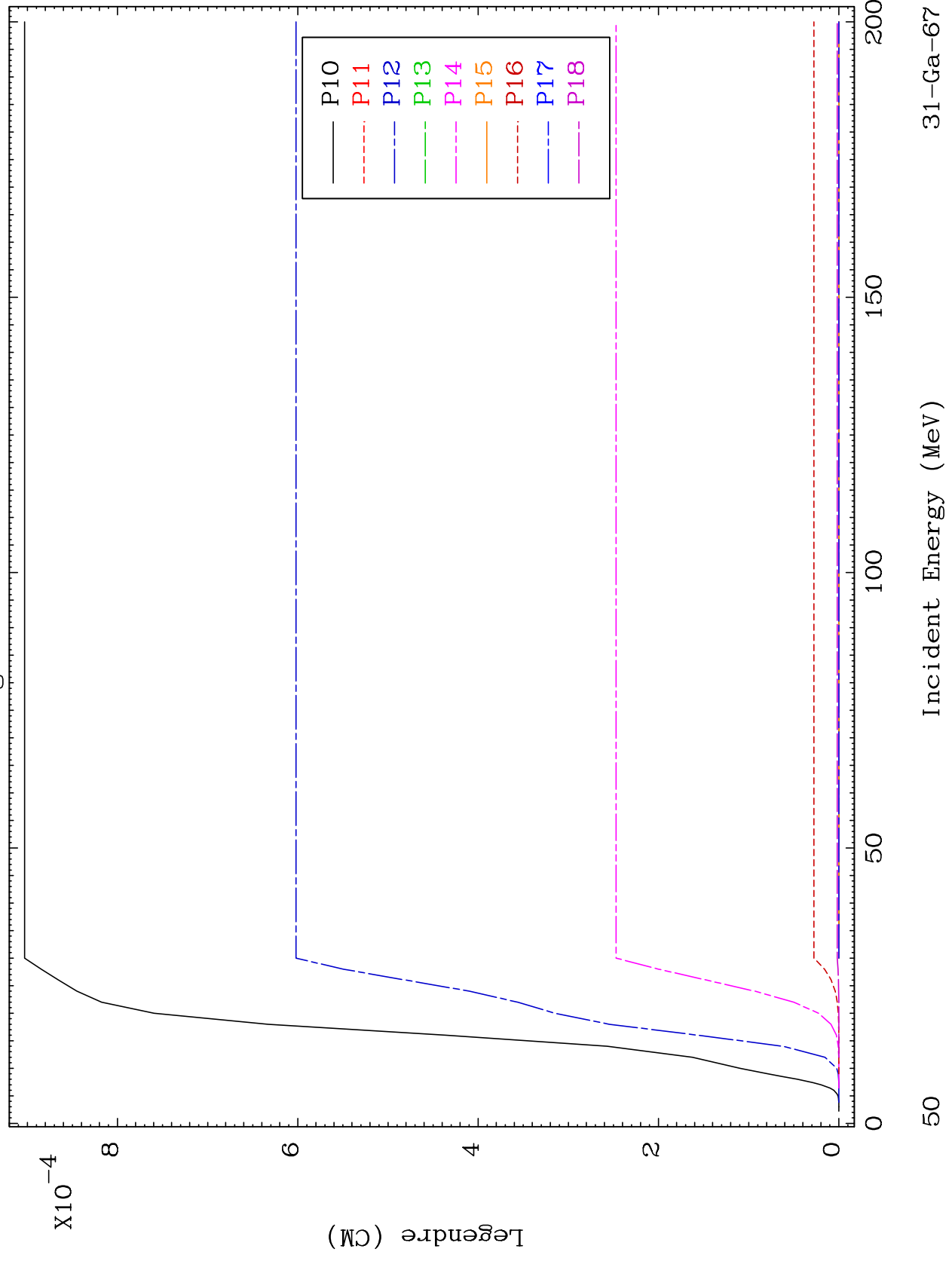
31-Ga-67



MAT 3119

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

31-Ga-67

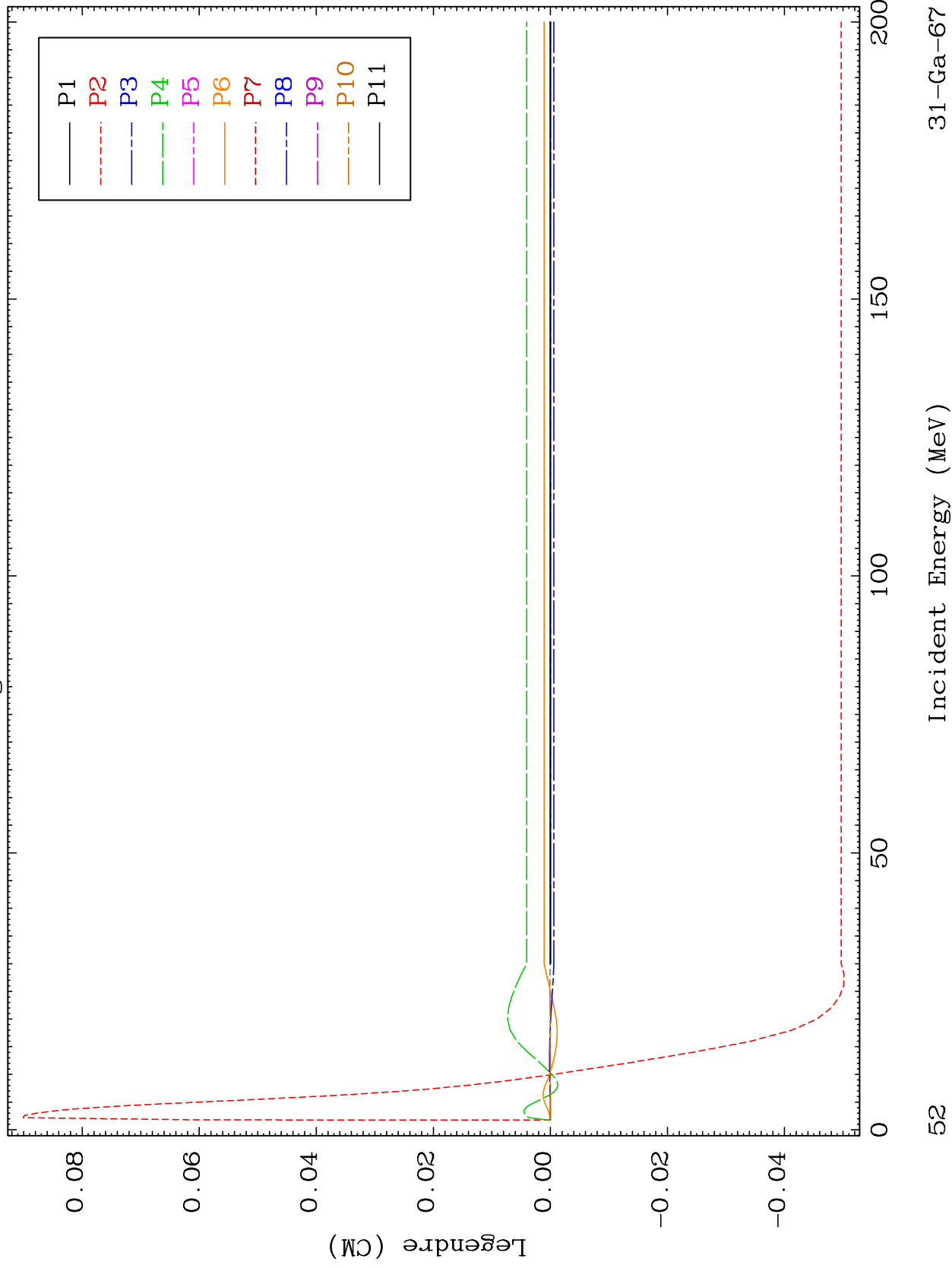


31-Ga-67

MAT 3119

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

31-Ga-67



31-Ga-67

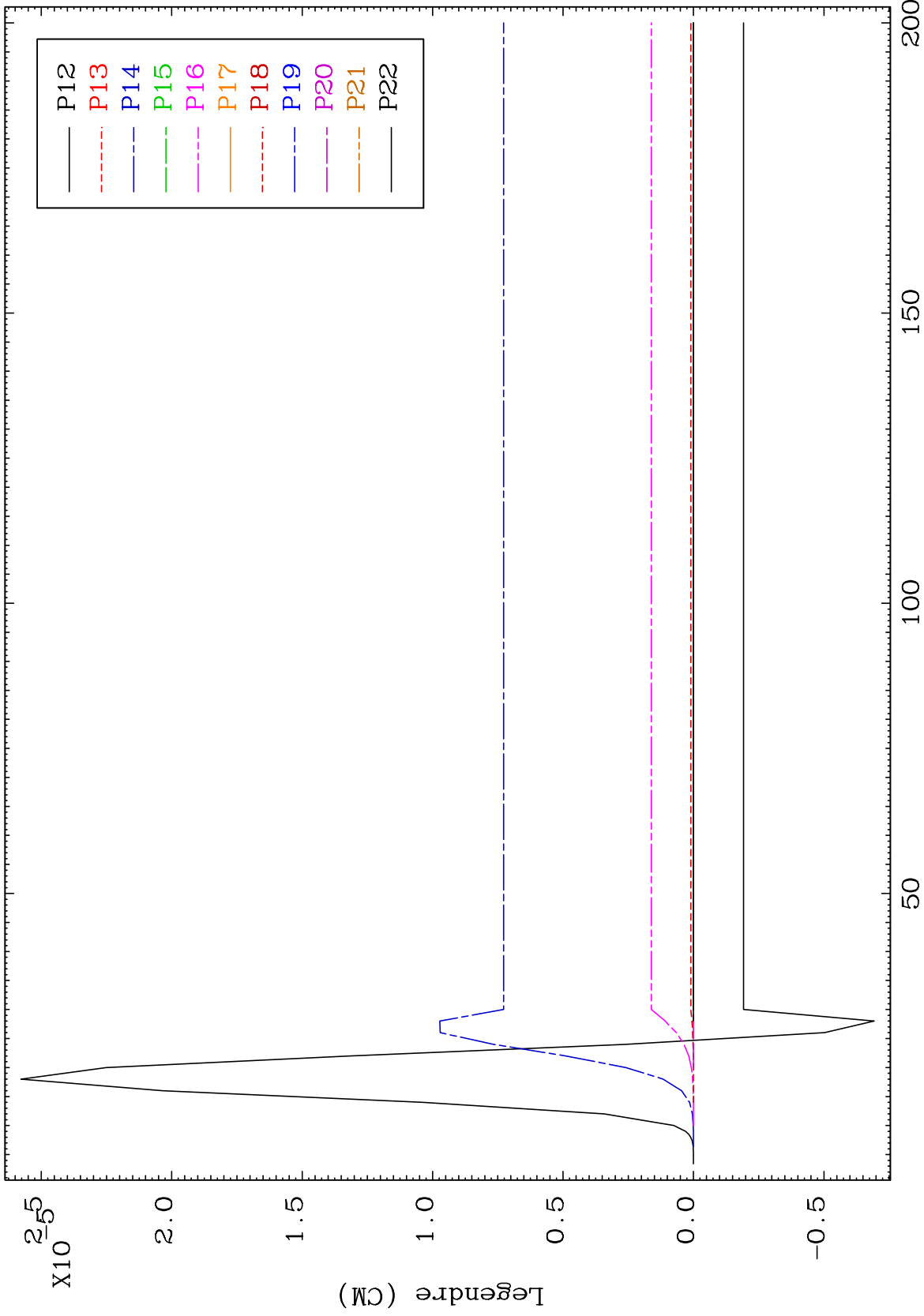
Incident Energy (MeV)

52

MAT 3119

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

31-Ga-67



53

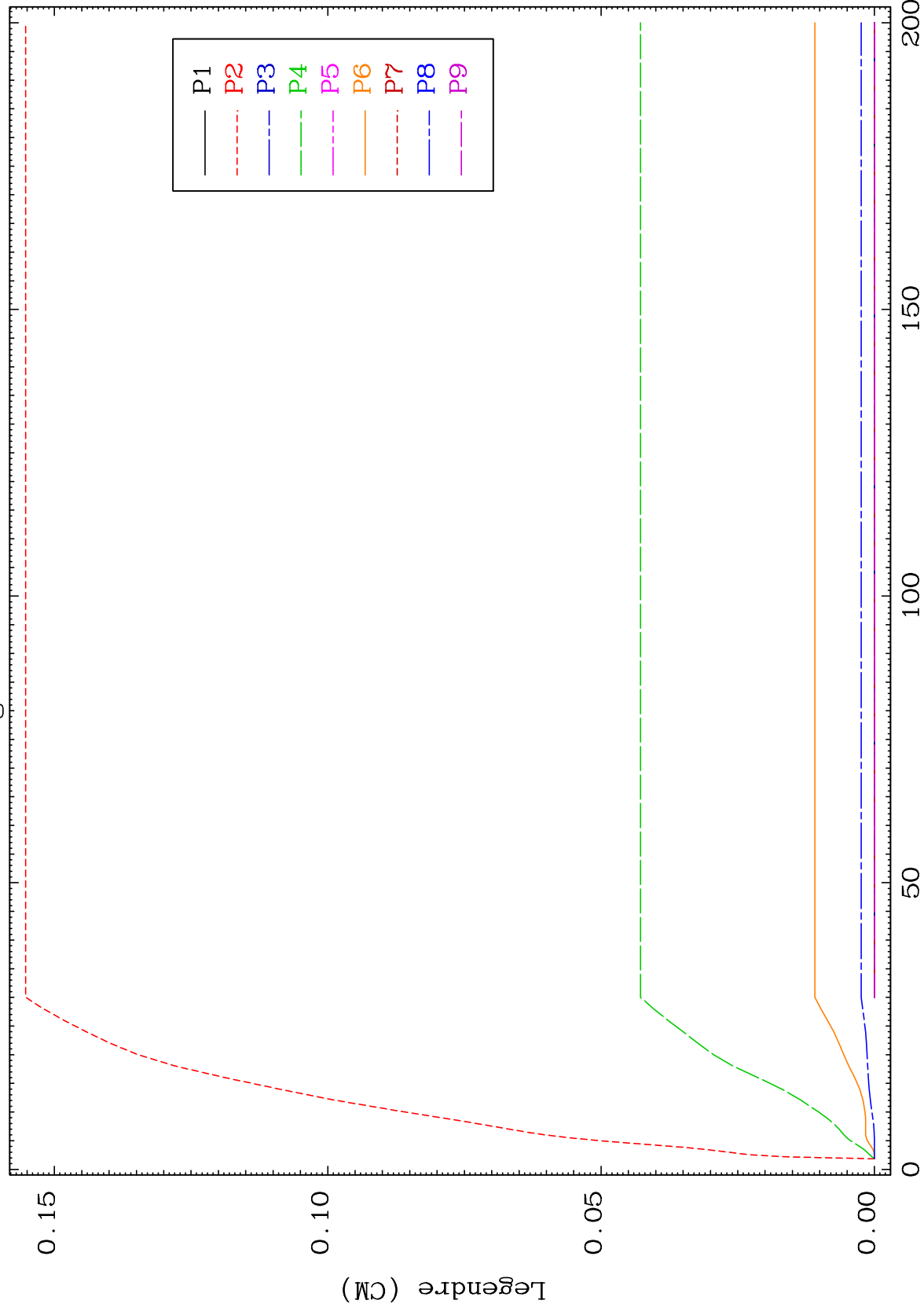
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



54

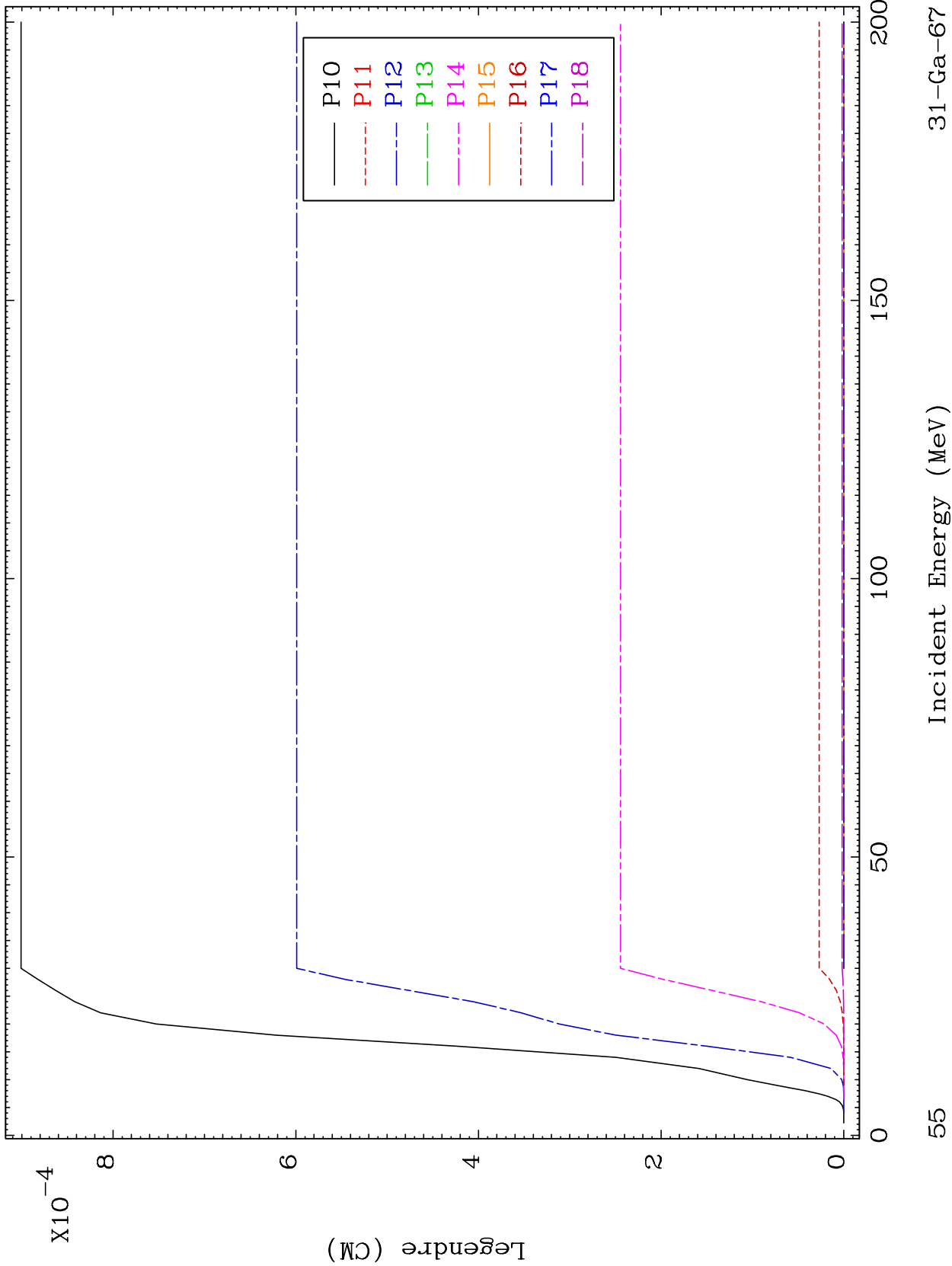
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

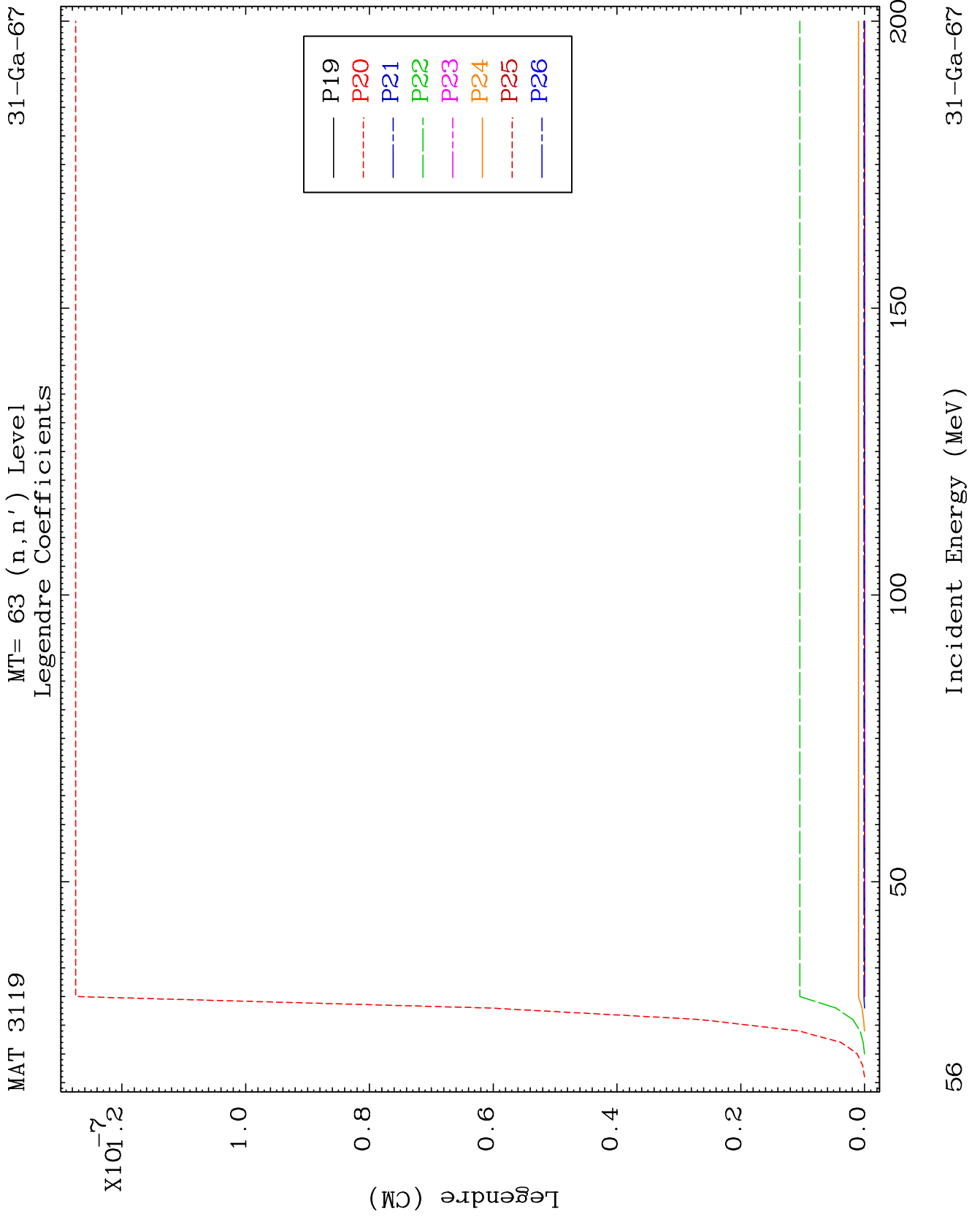
31-Ga-67



55

Incident Energy (MeV)

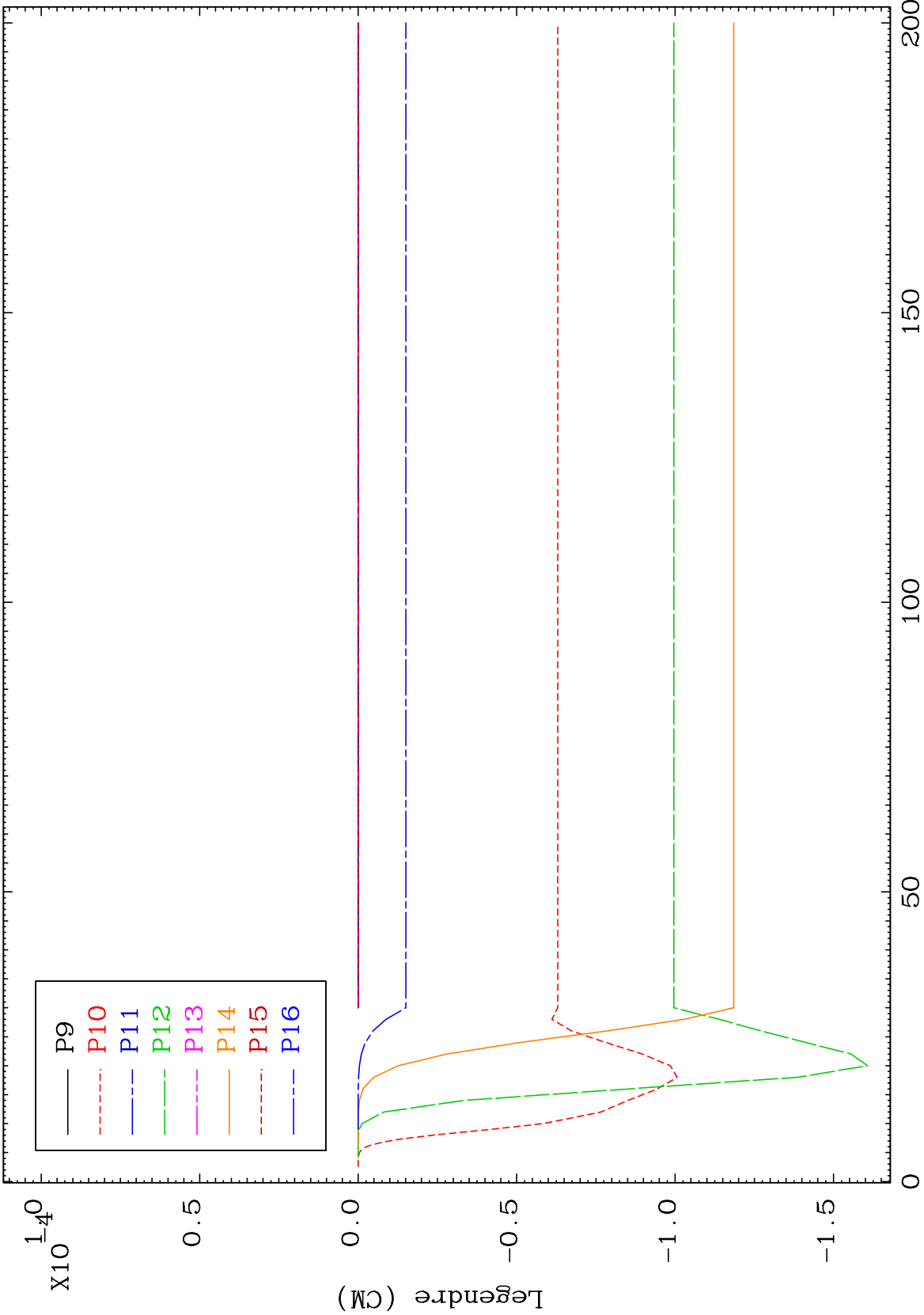
31-Ga-67



MAT 3119

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

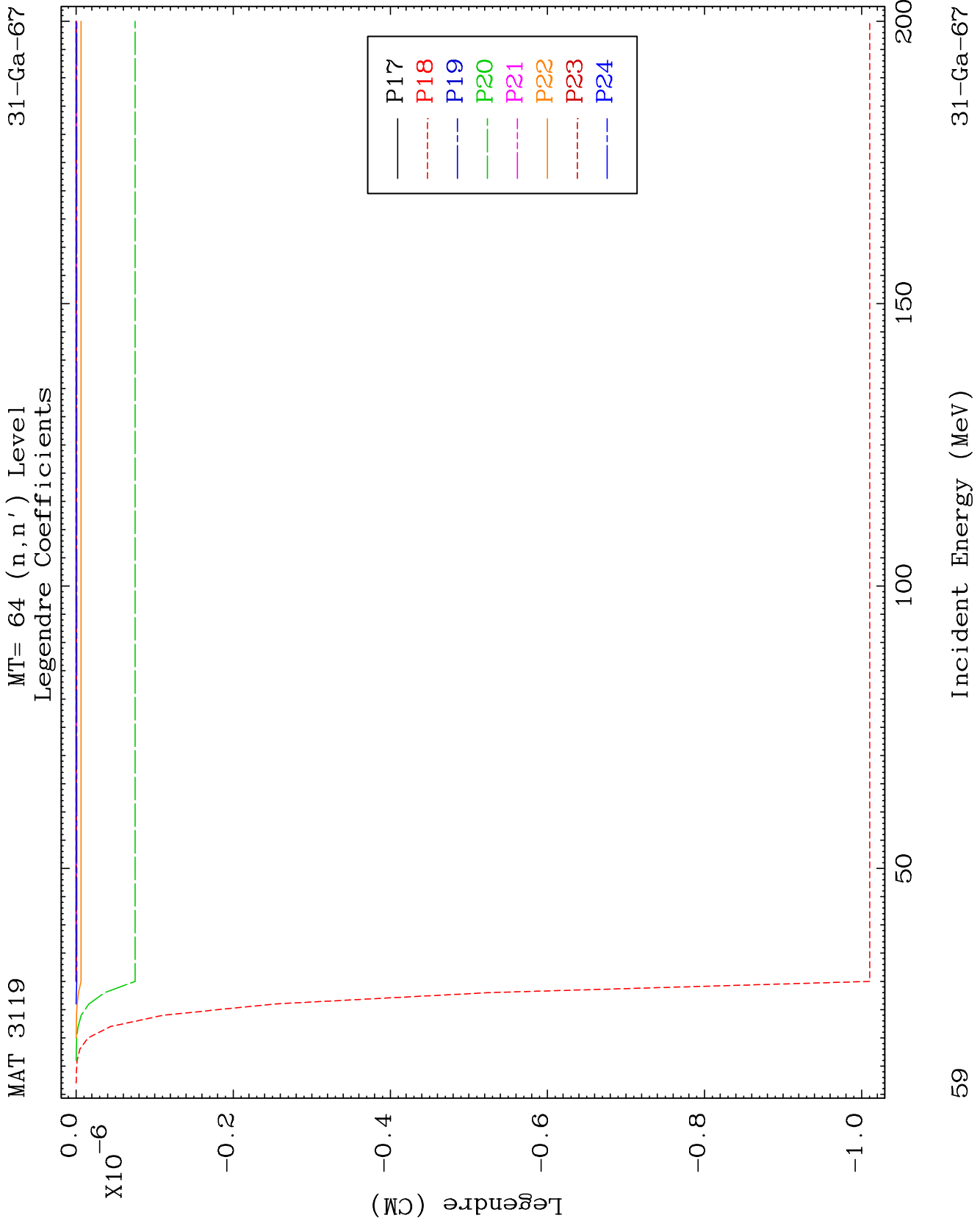
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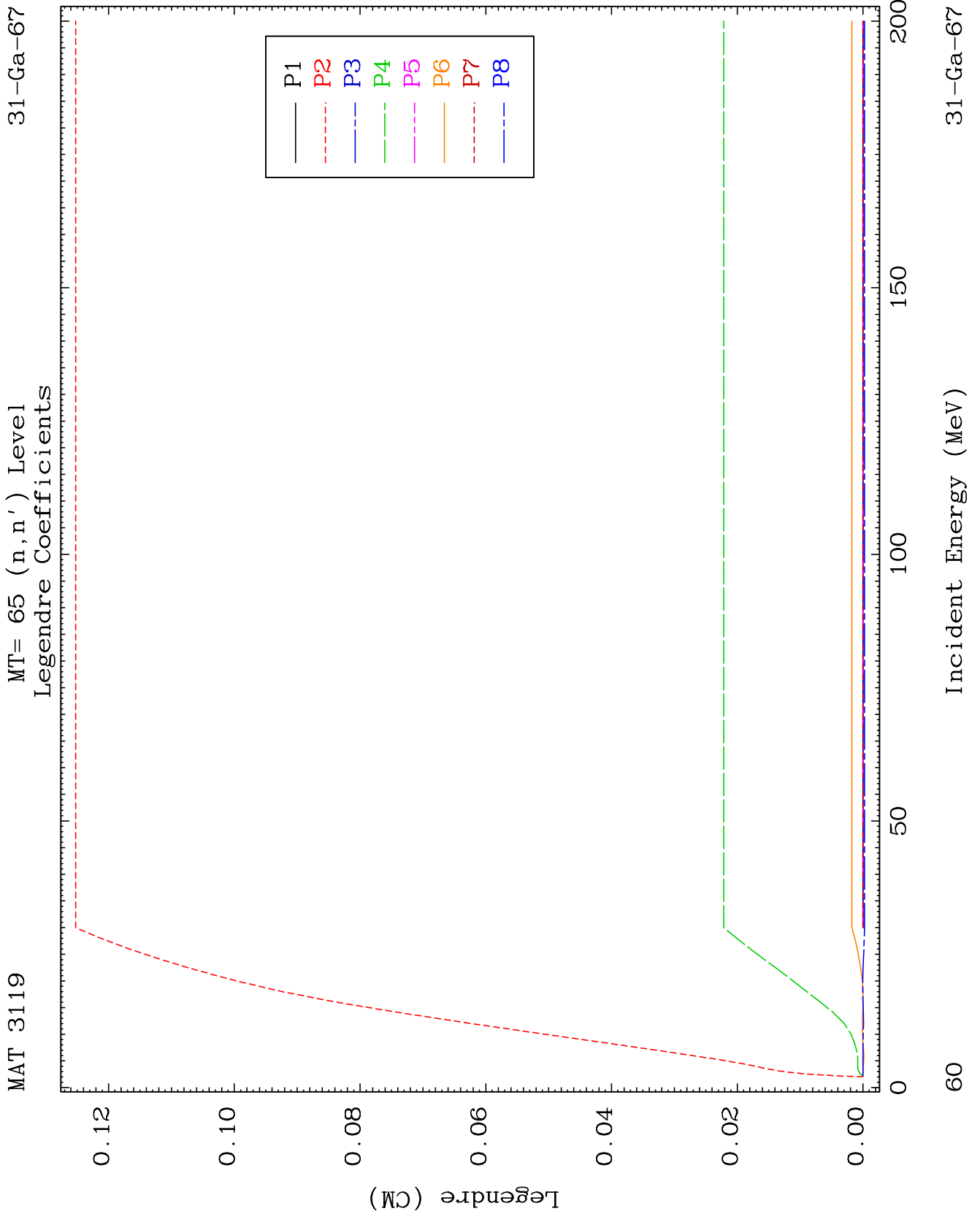


58

Incident Energy (MeV)

31-Ga-67

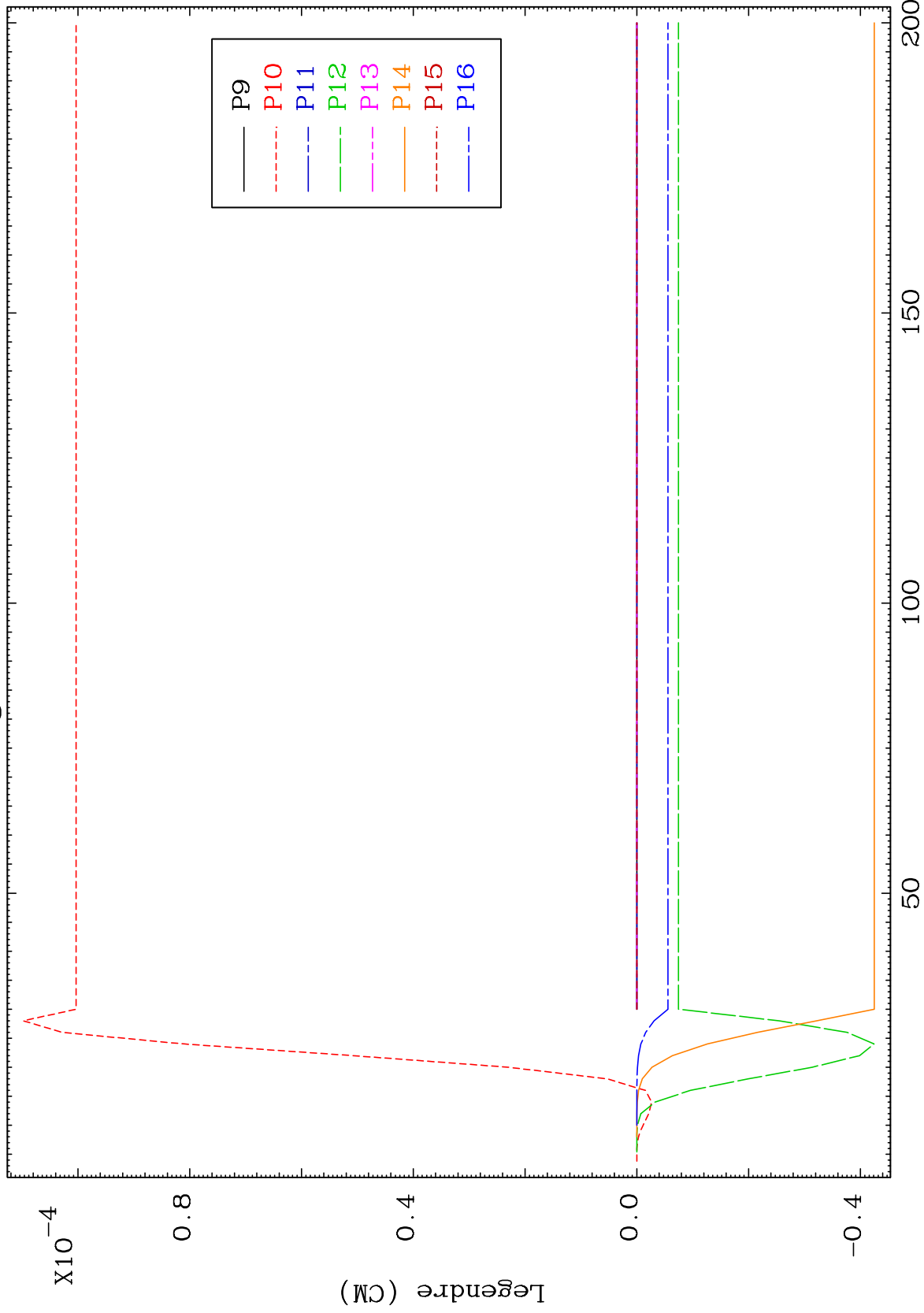




MAT 3119

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

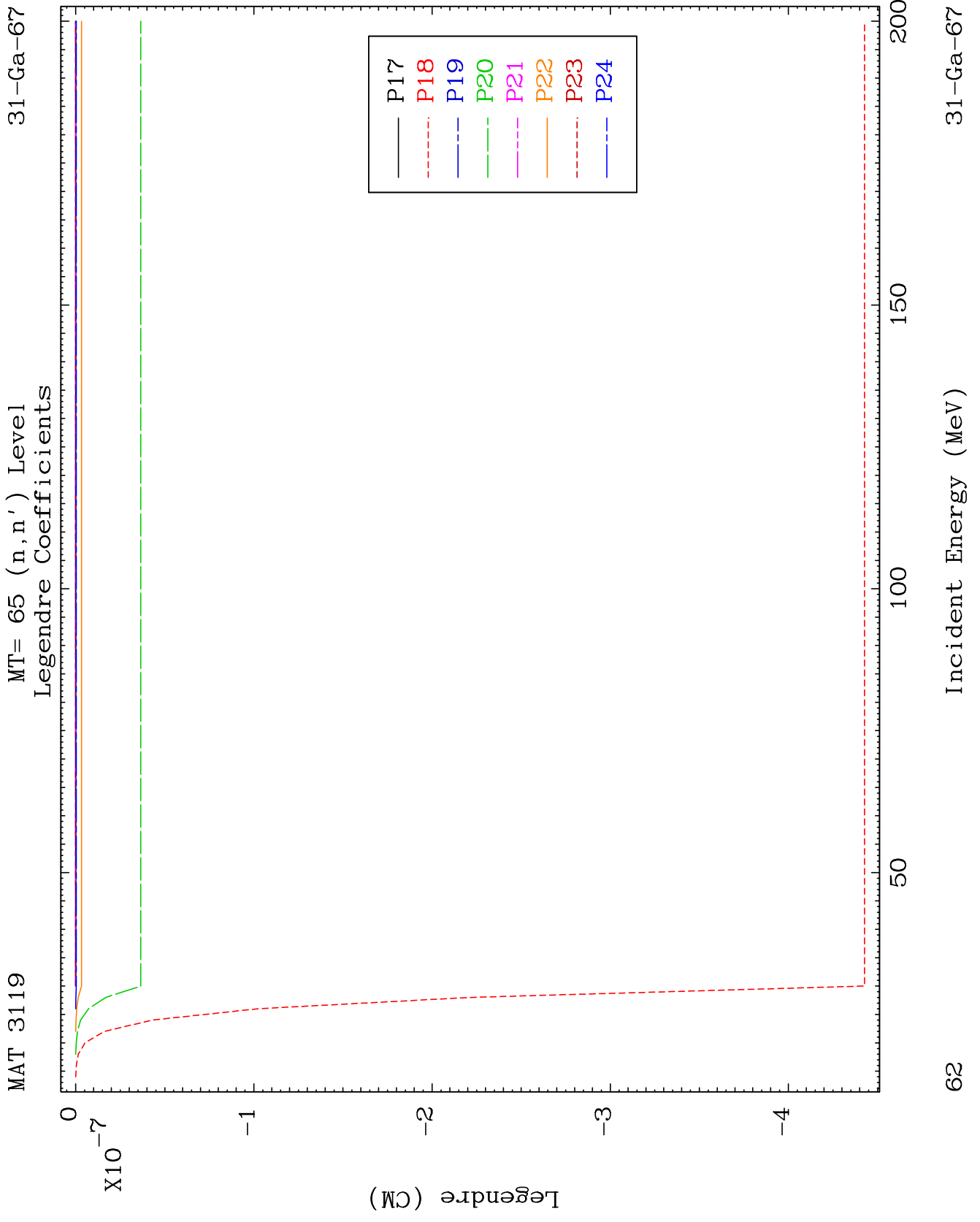
31-Ga-67

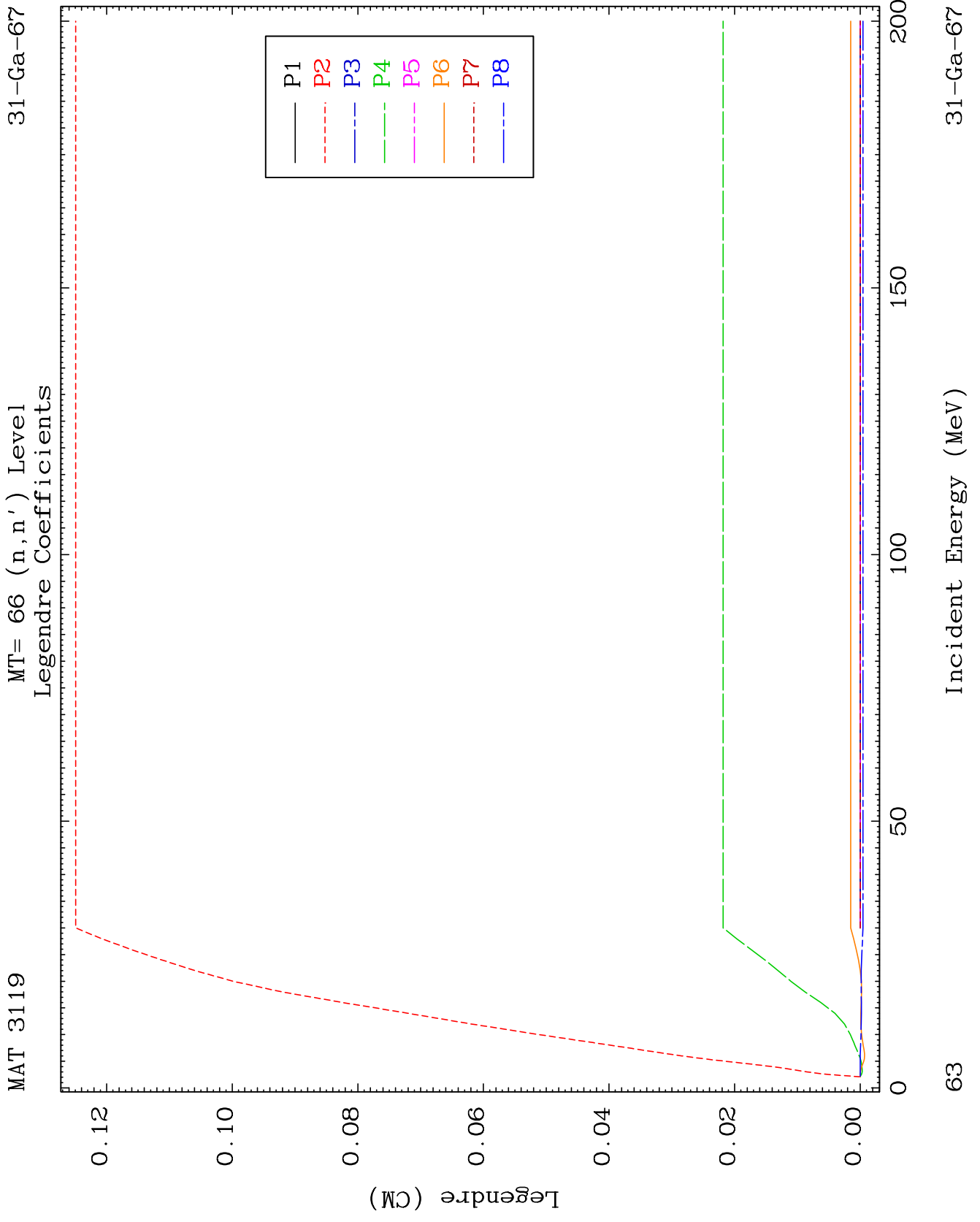


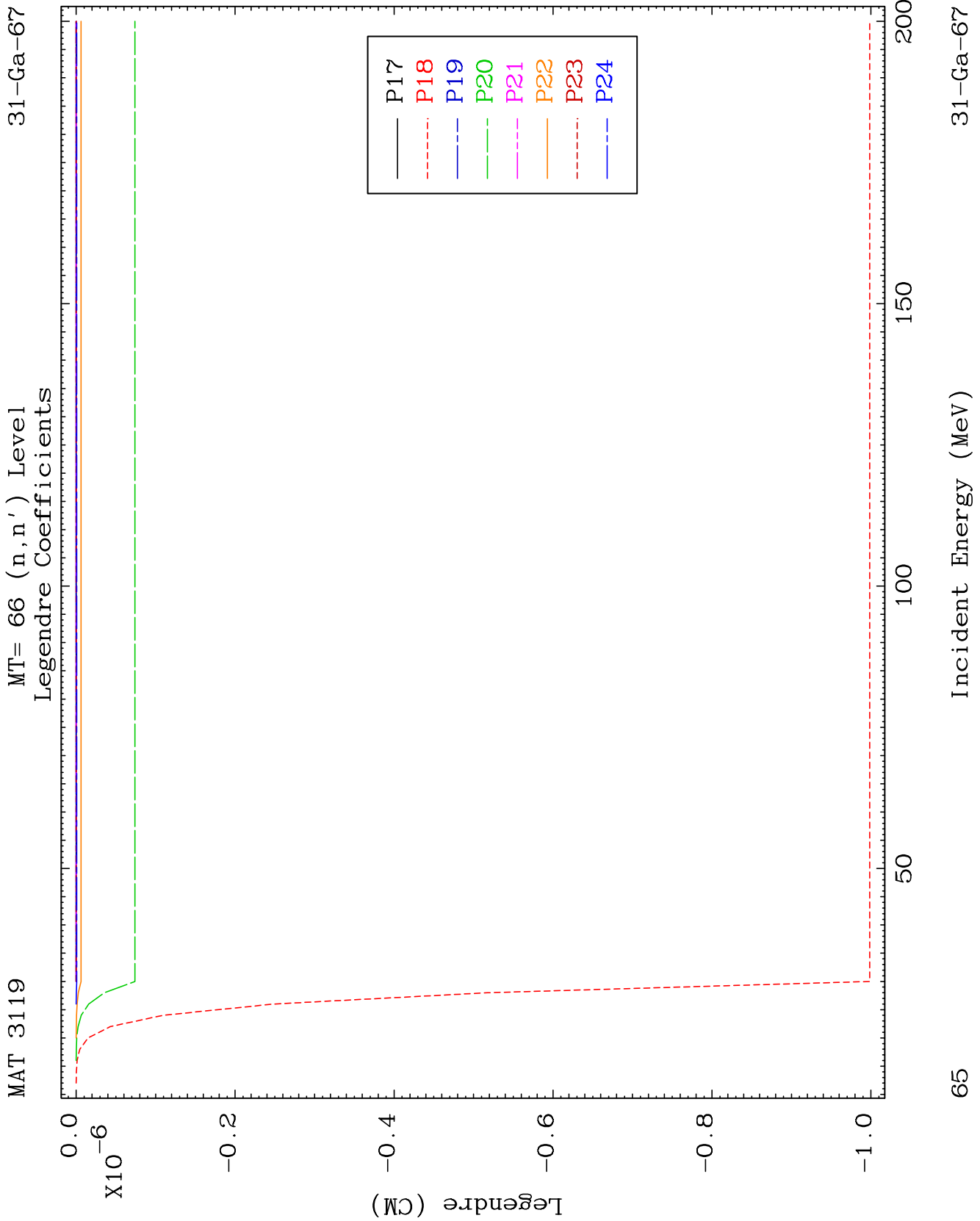
61

Incident Energy (MeV)

31-Ga-67



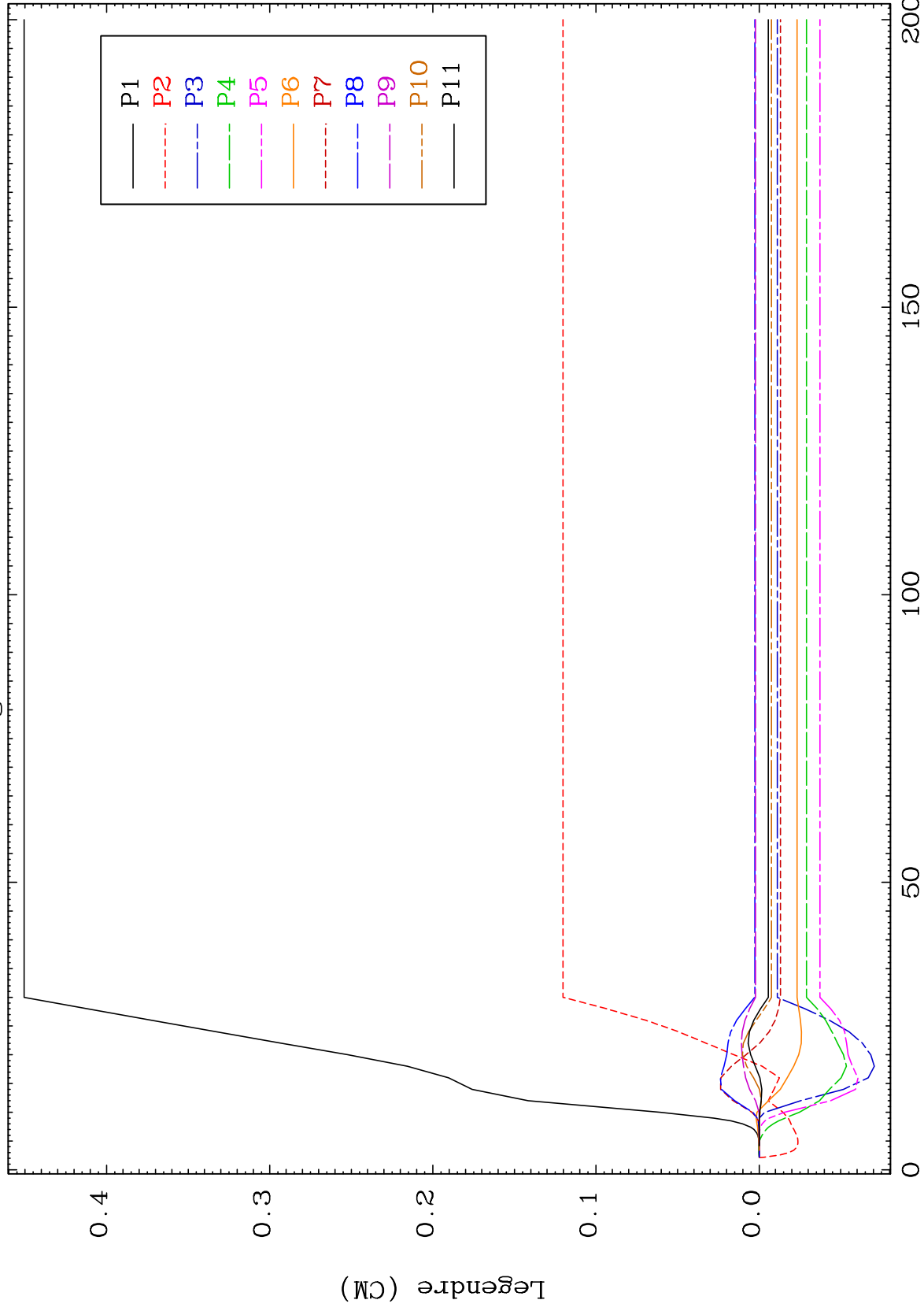




MAT 3119

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

31-Ga-67



66

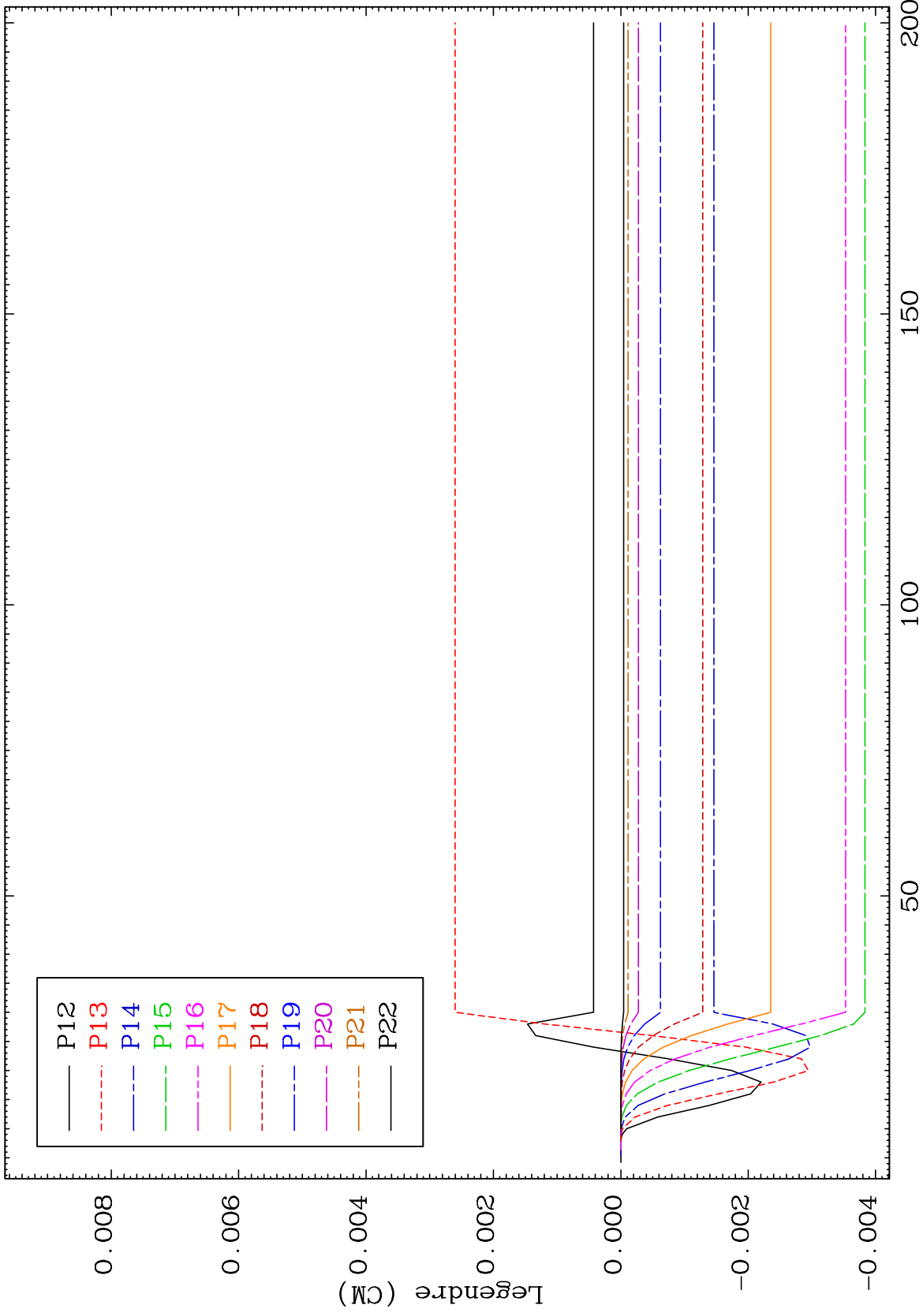
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

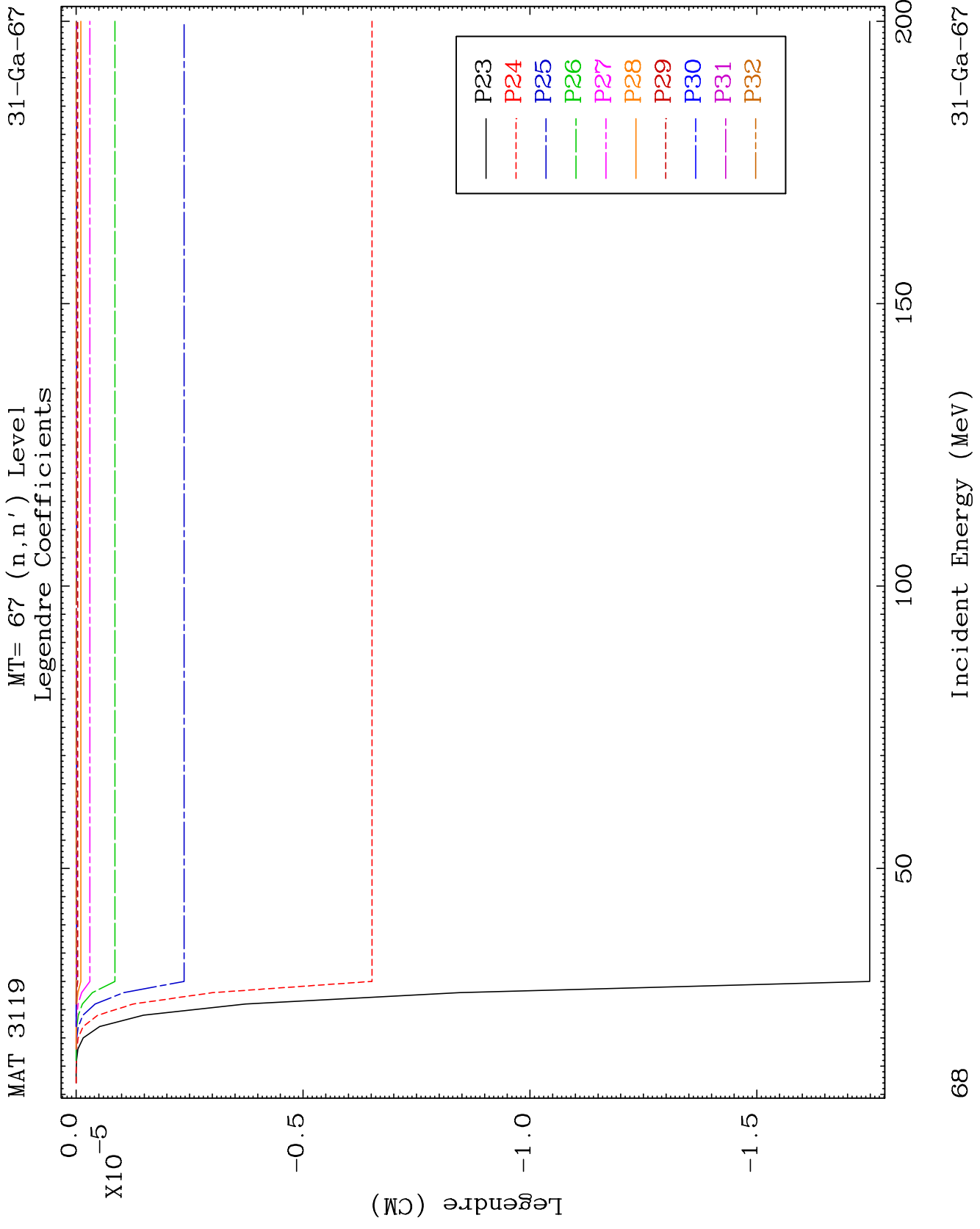
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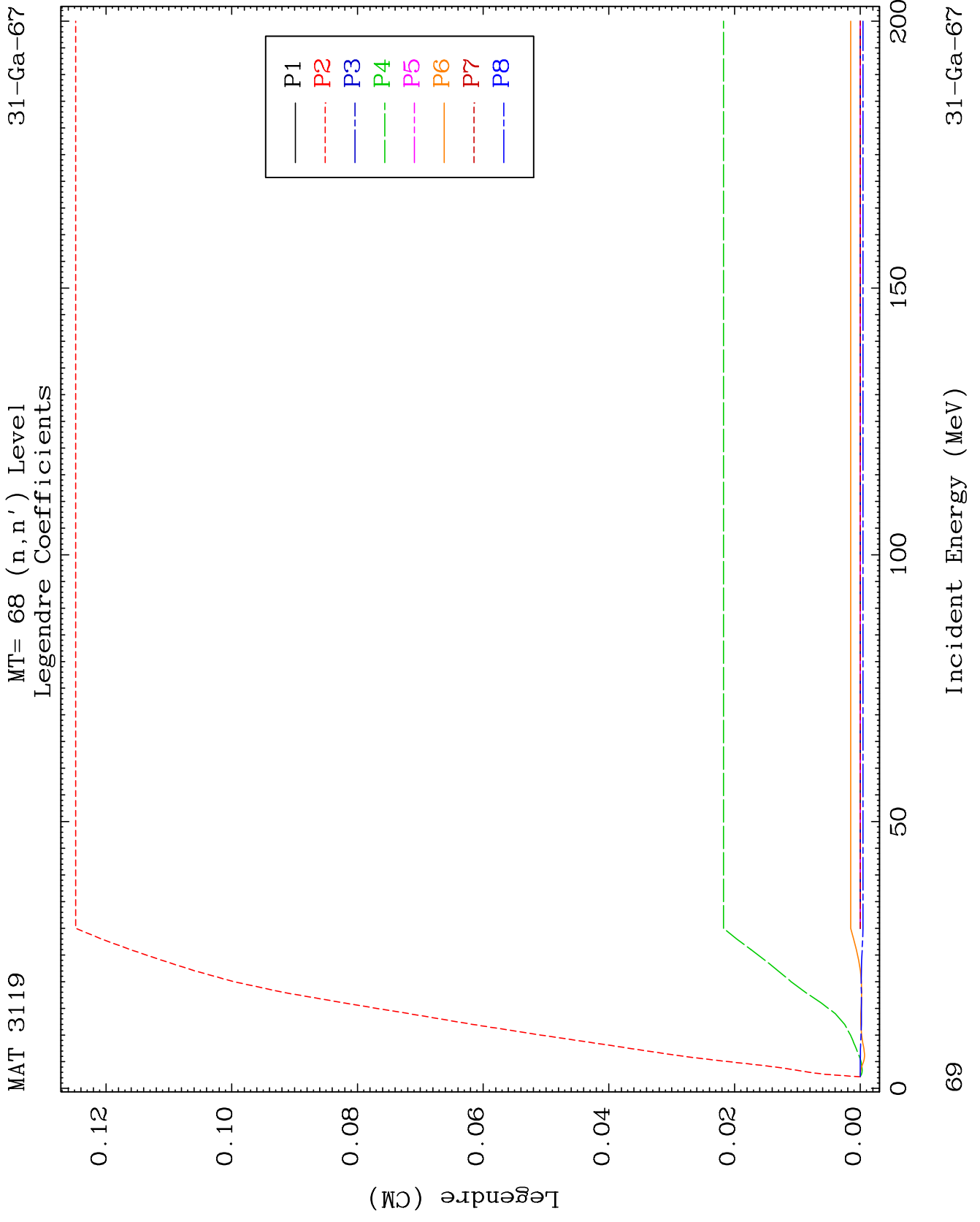


67

Incident Energy (MeV)

31-Ga-67

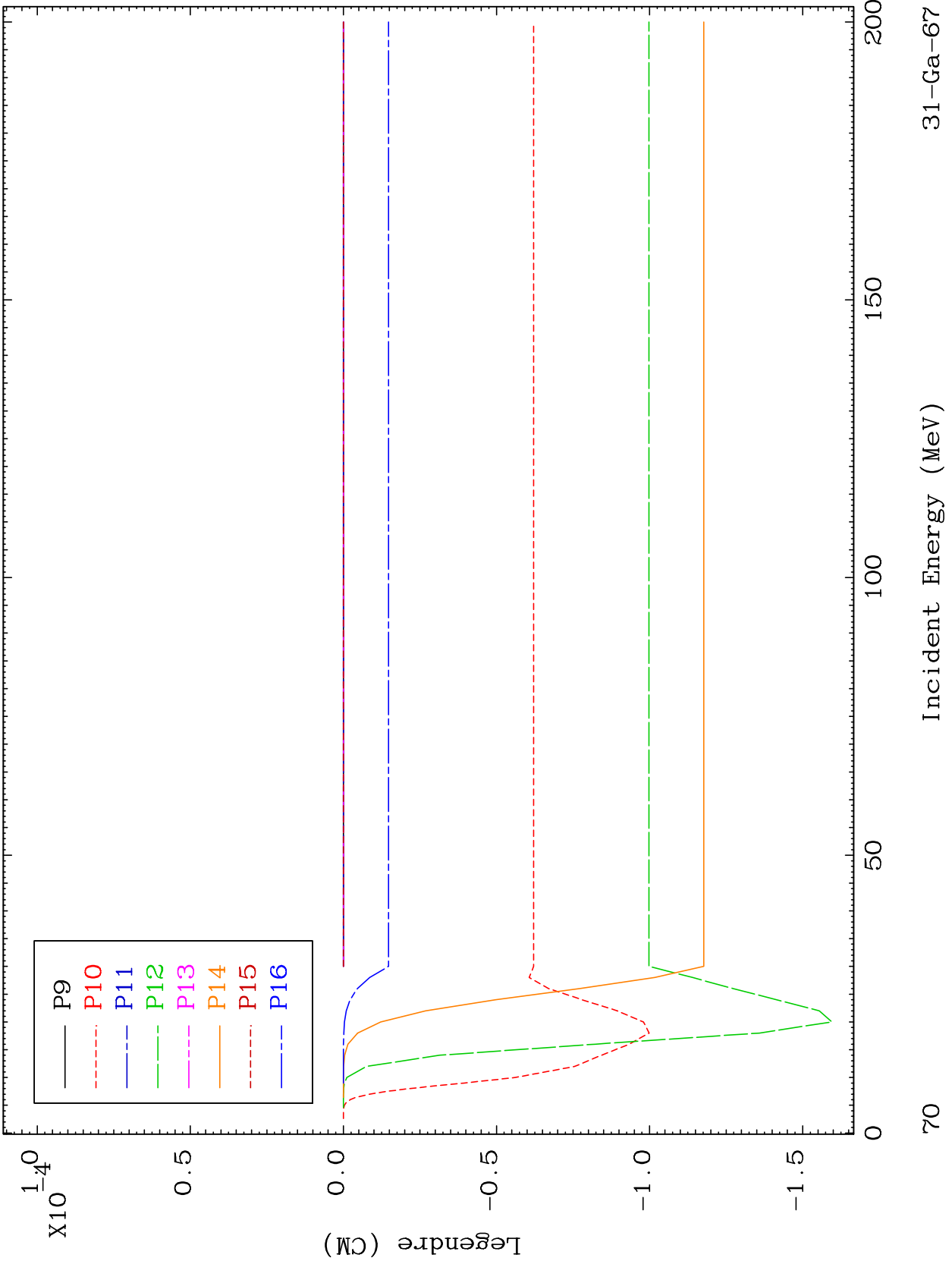




MAT 3119

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

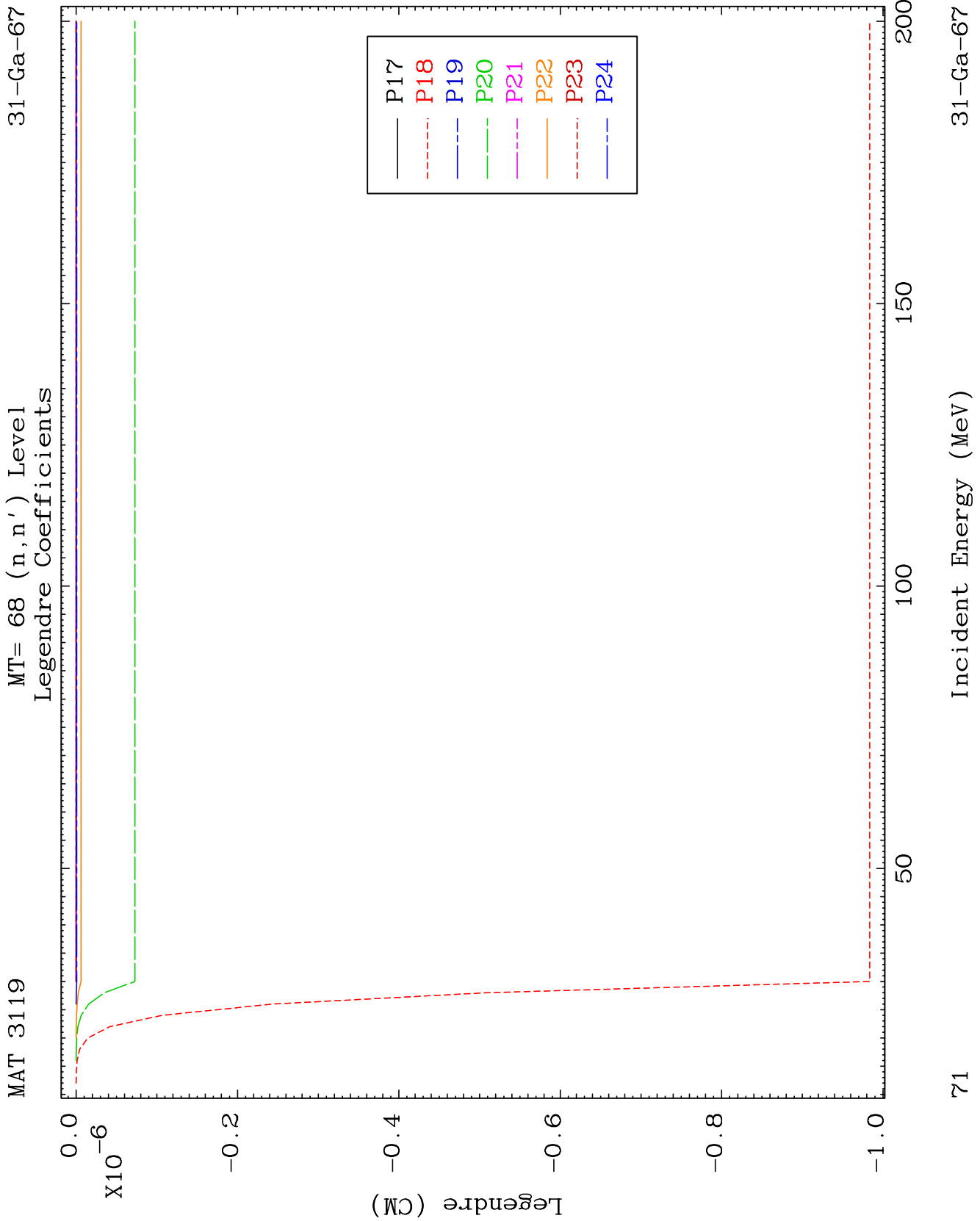
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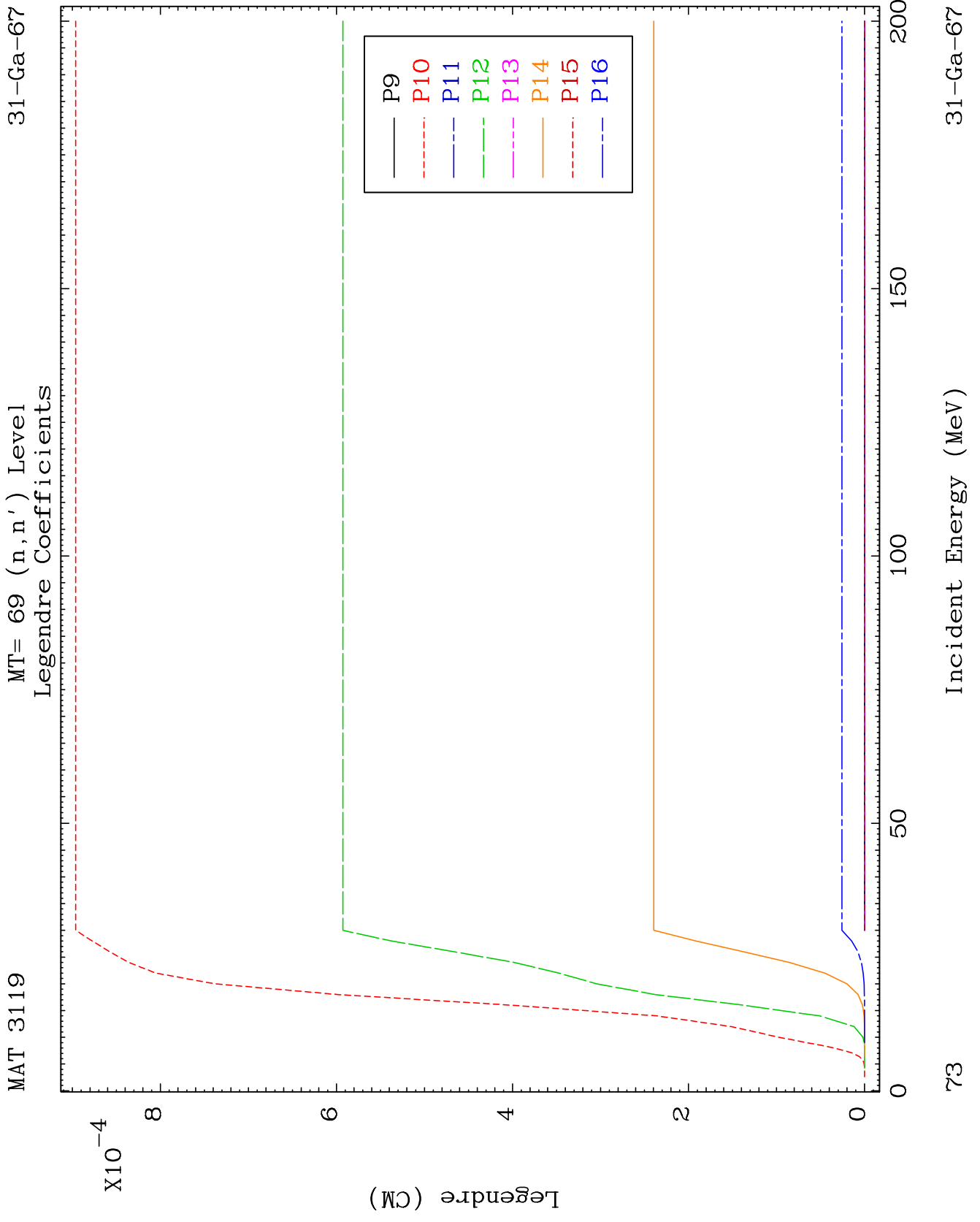


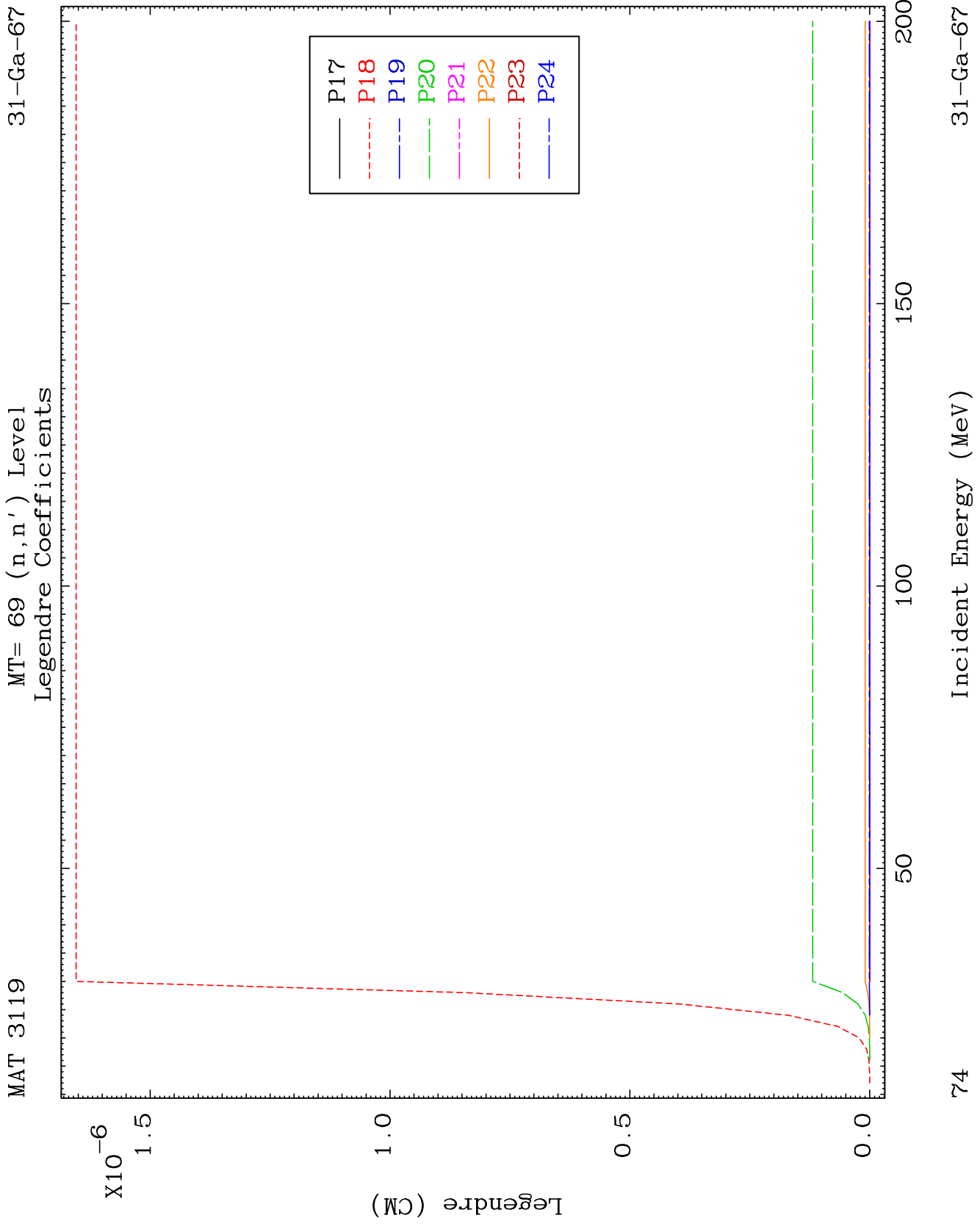
31-Ga-67

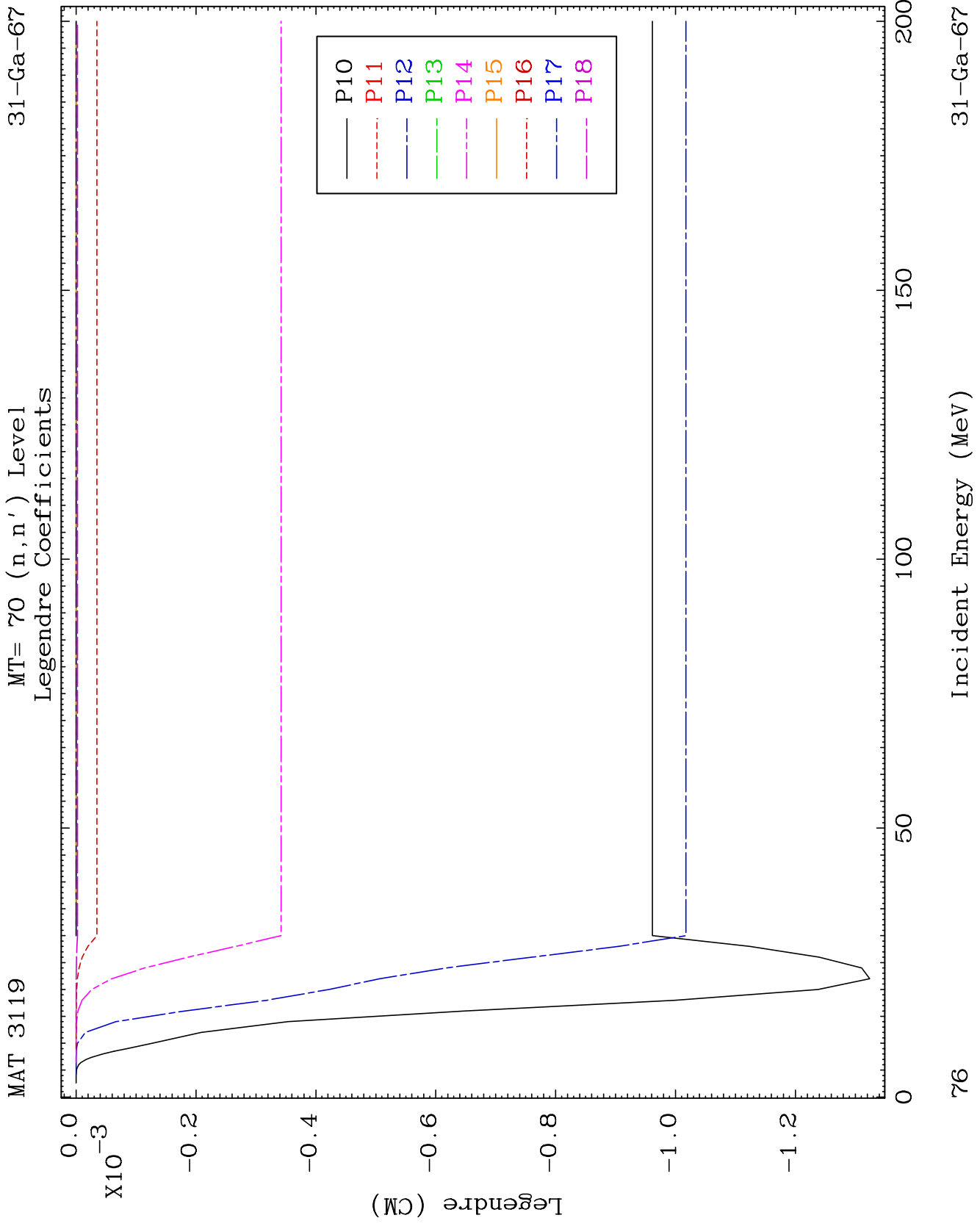
Incident Energy (MeV)

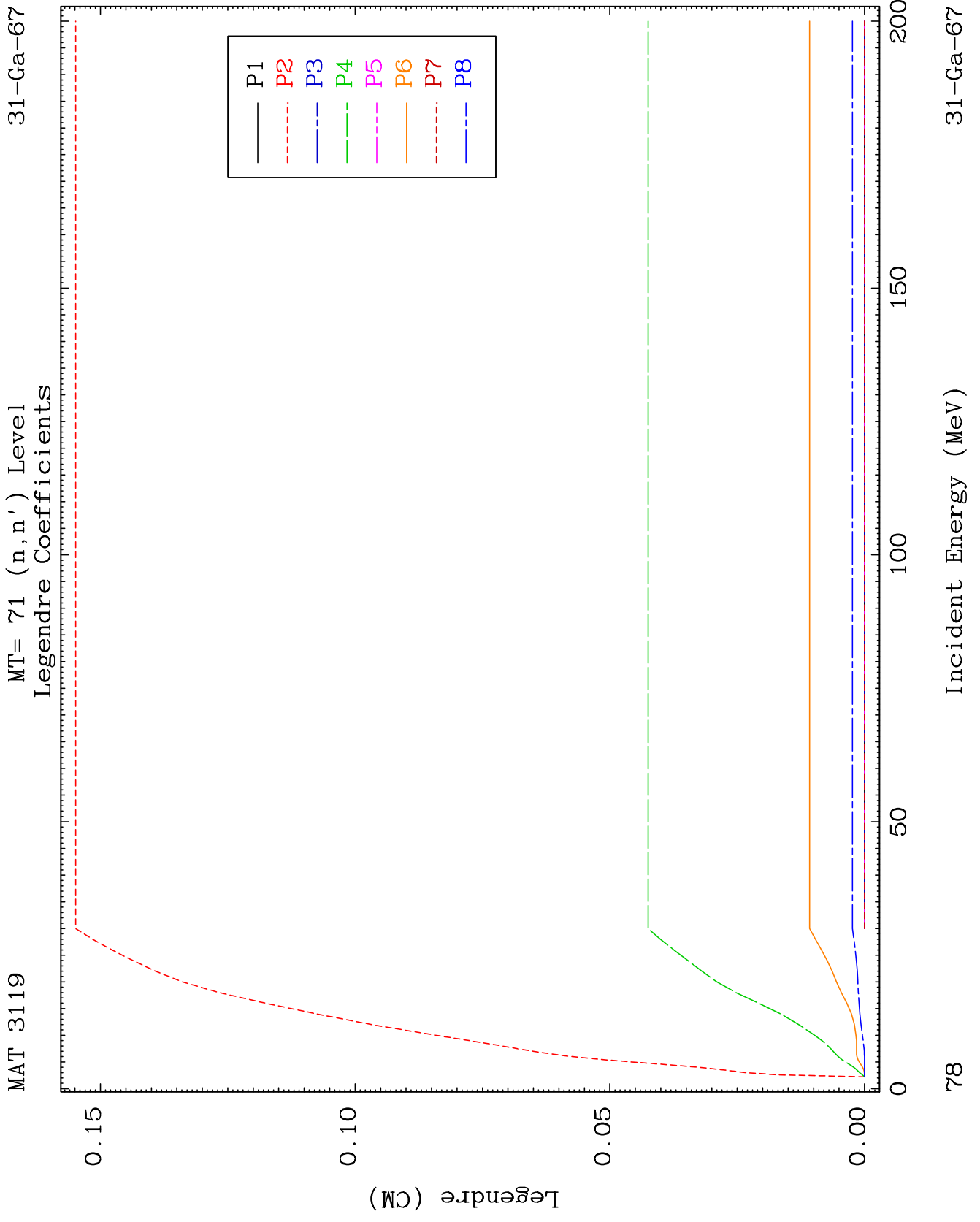
70

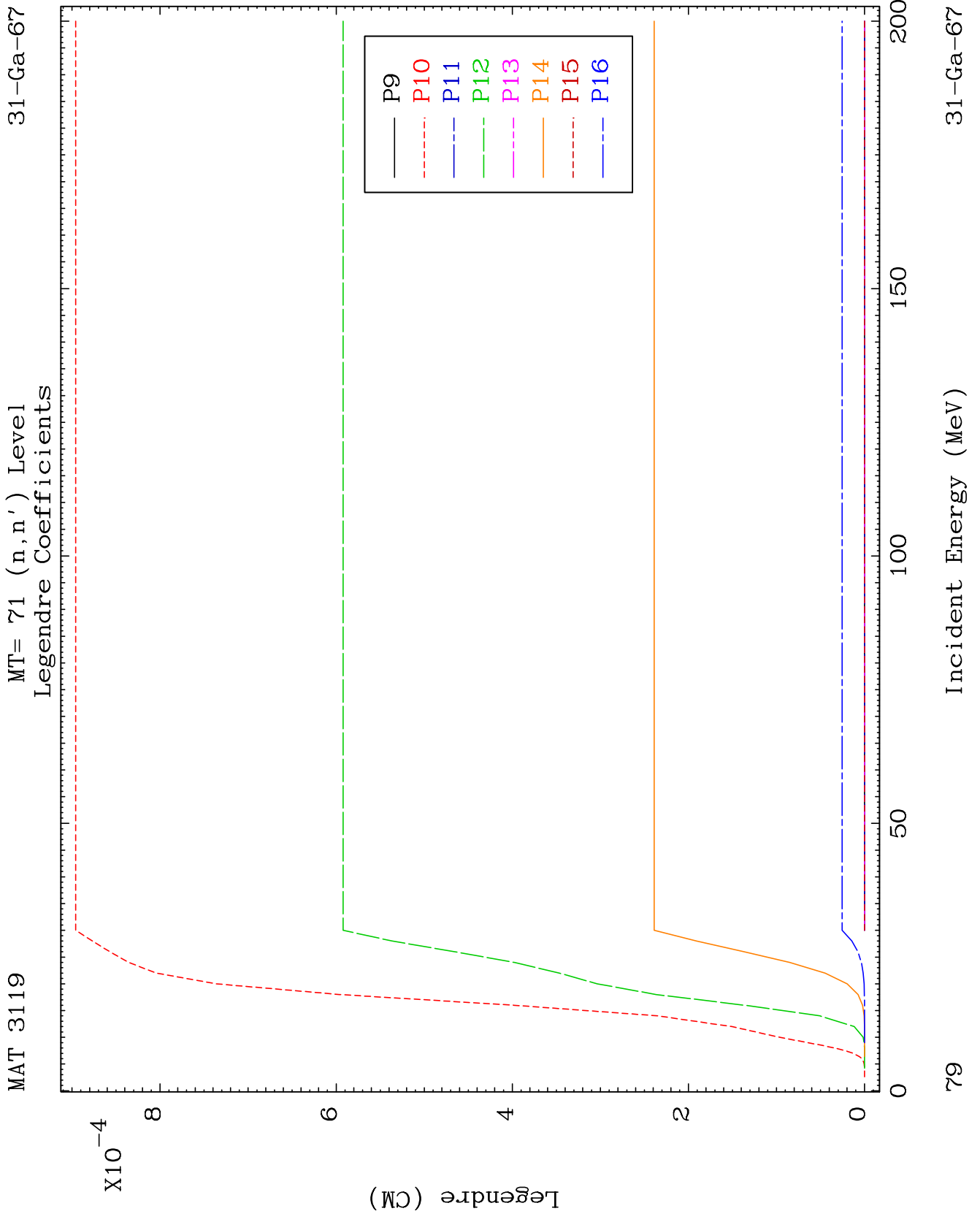


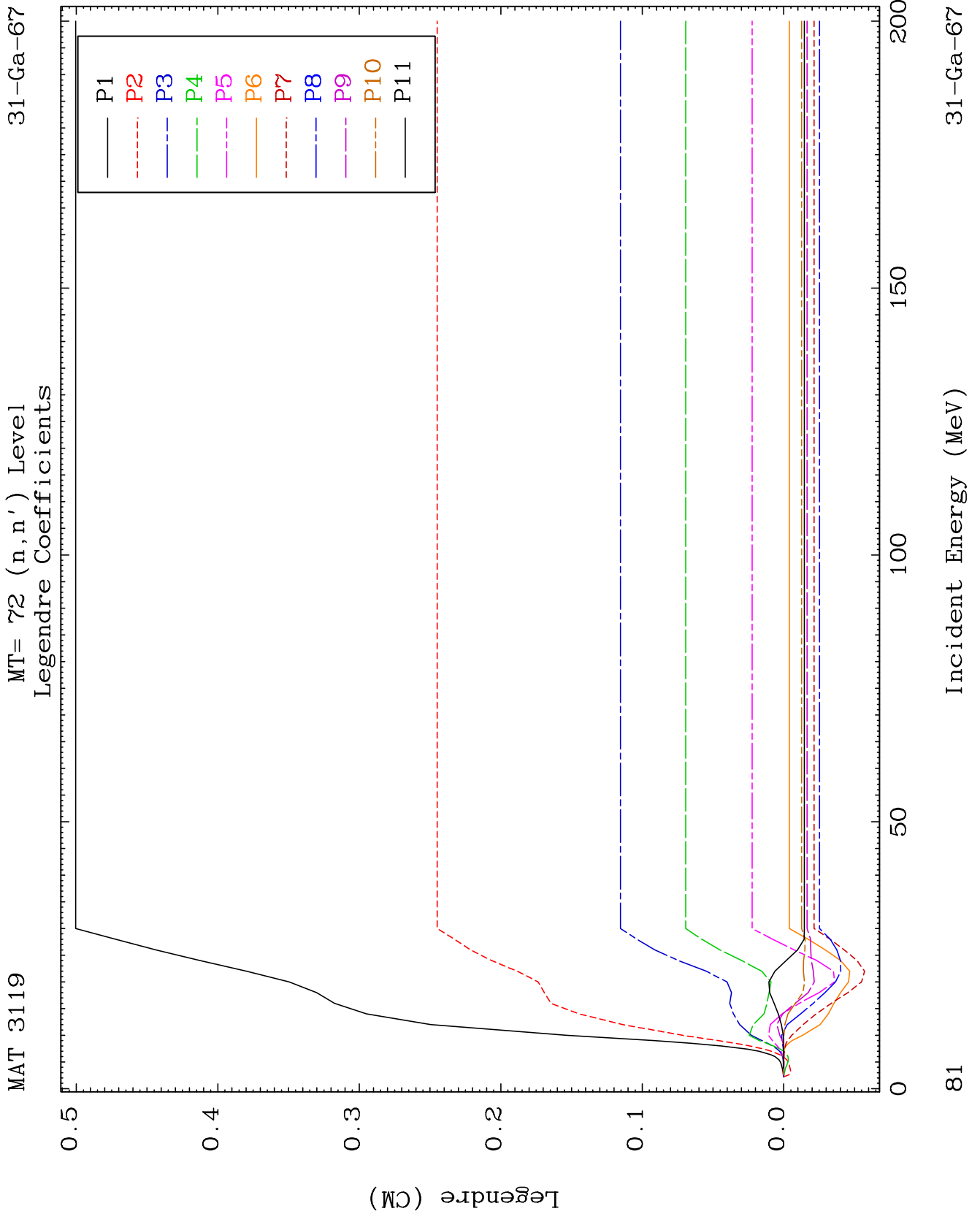








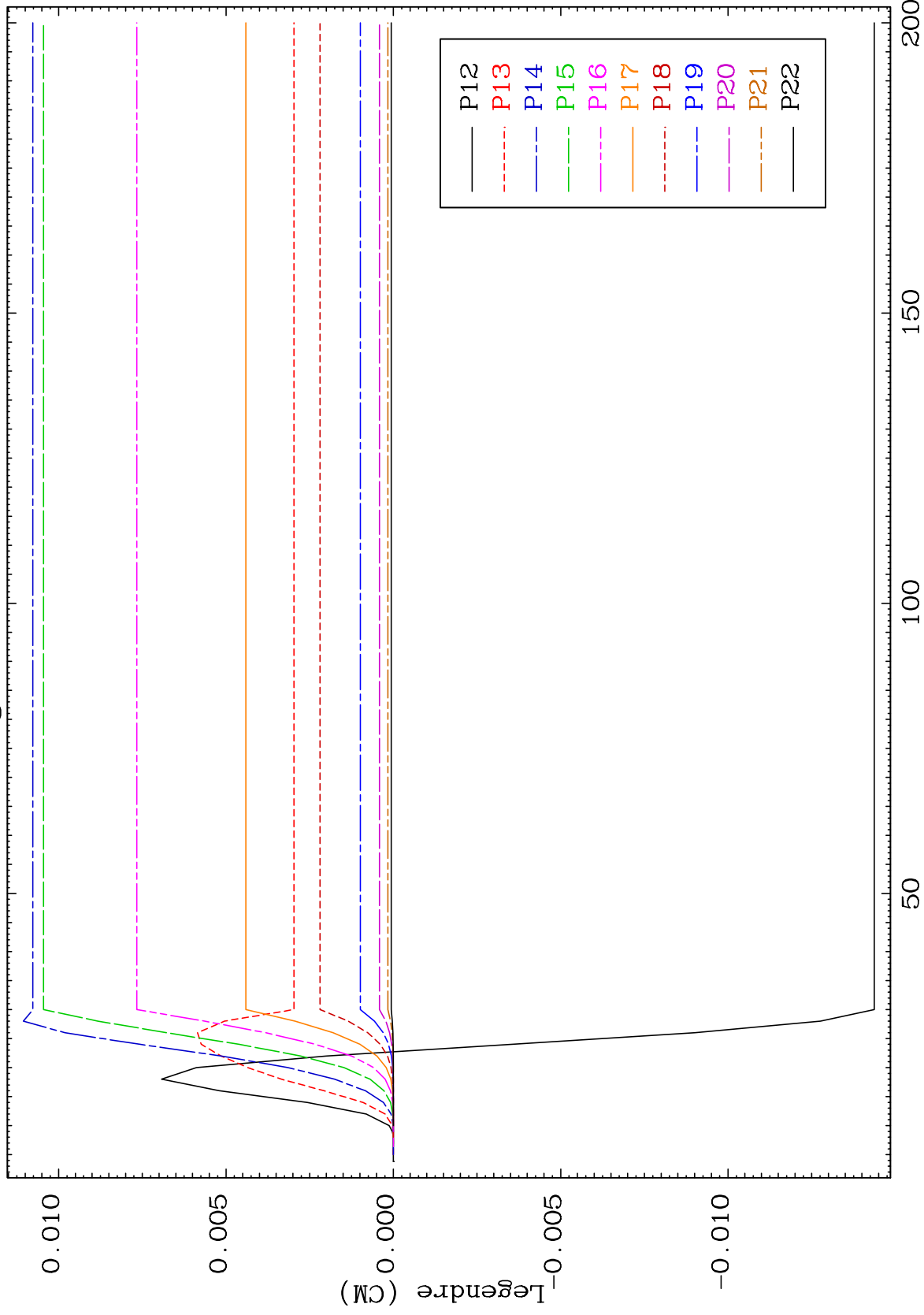




MAT 3119

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

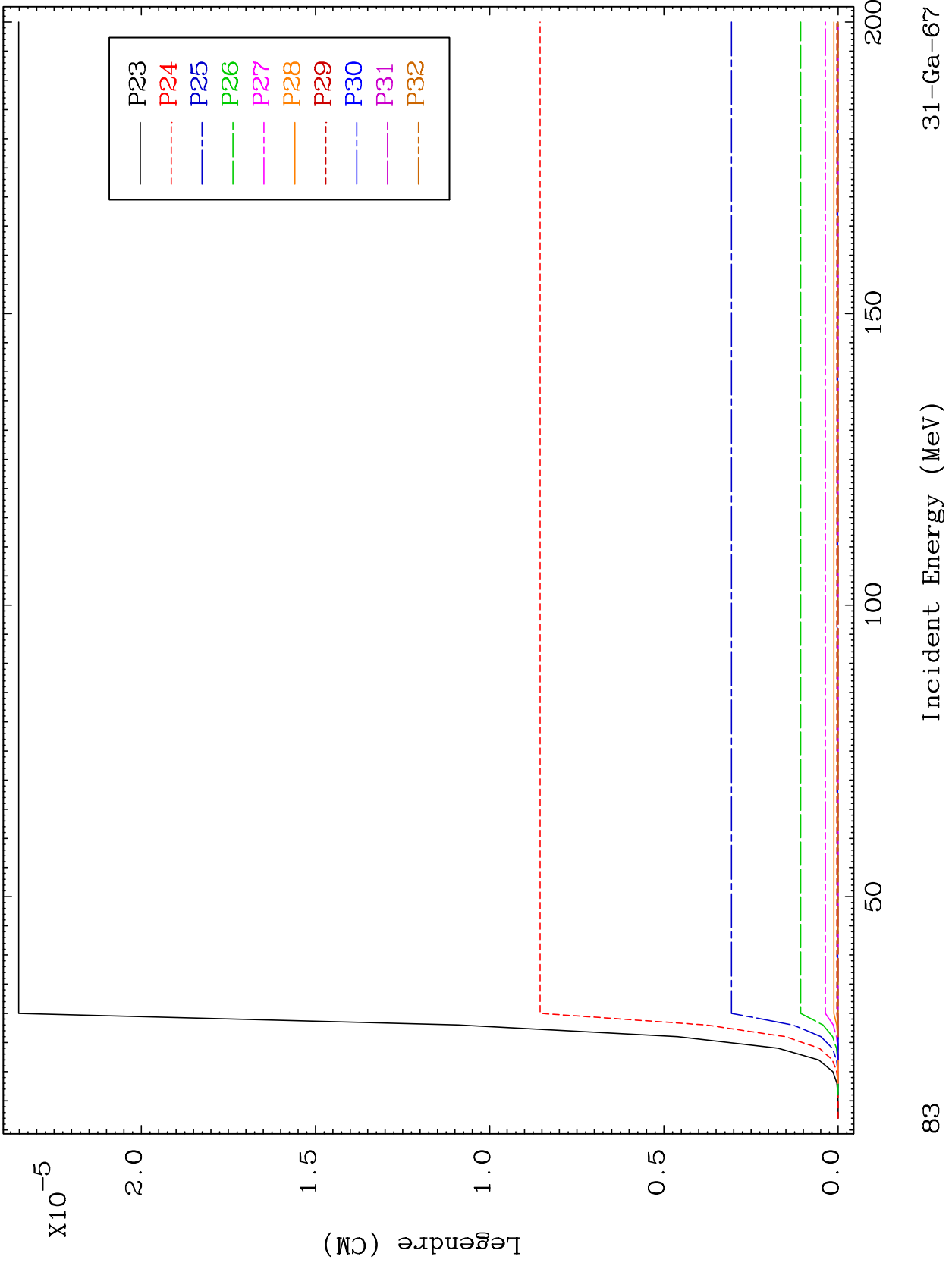
31-Ga-67

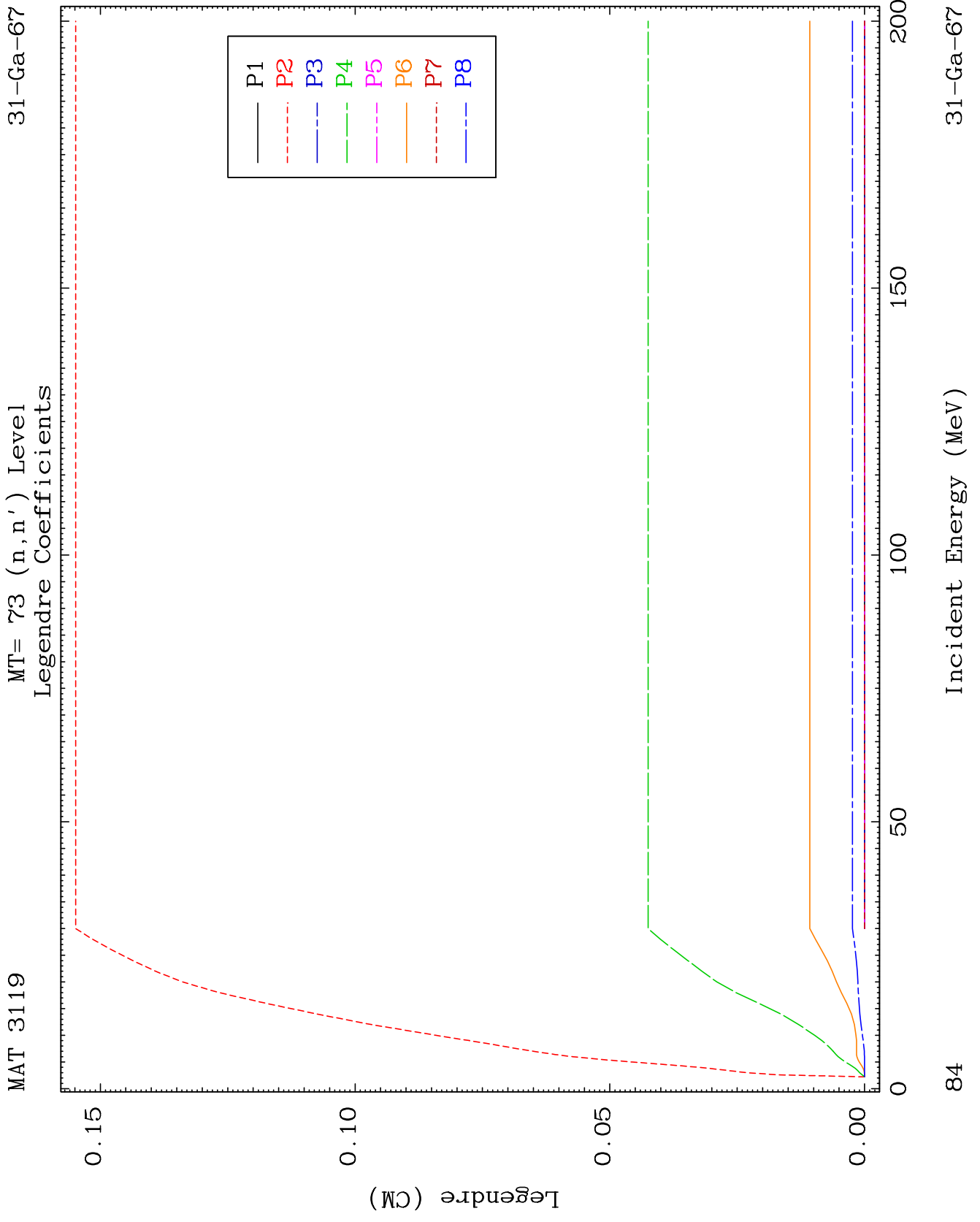


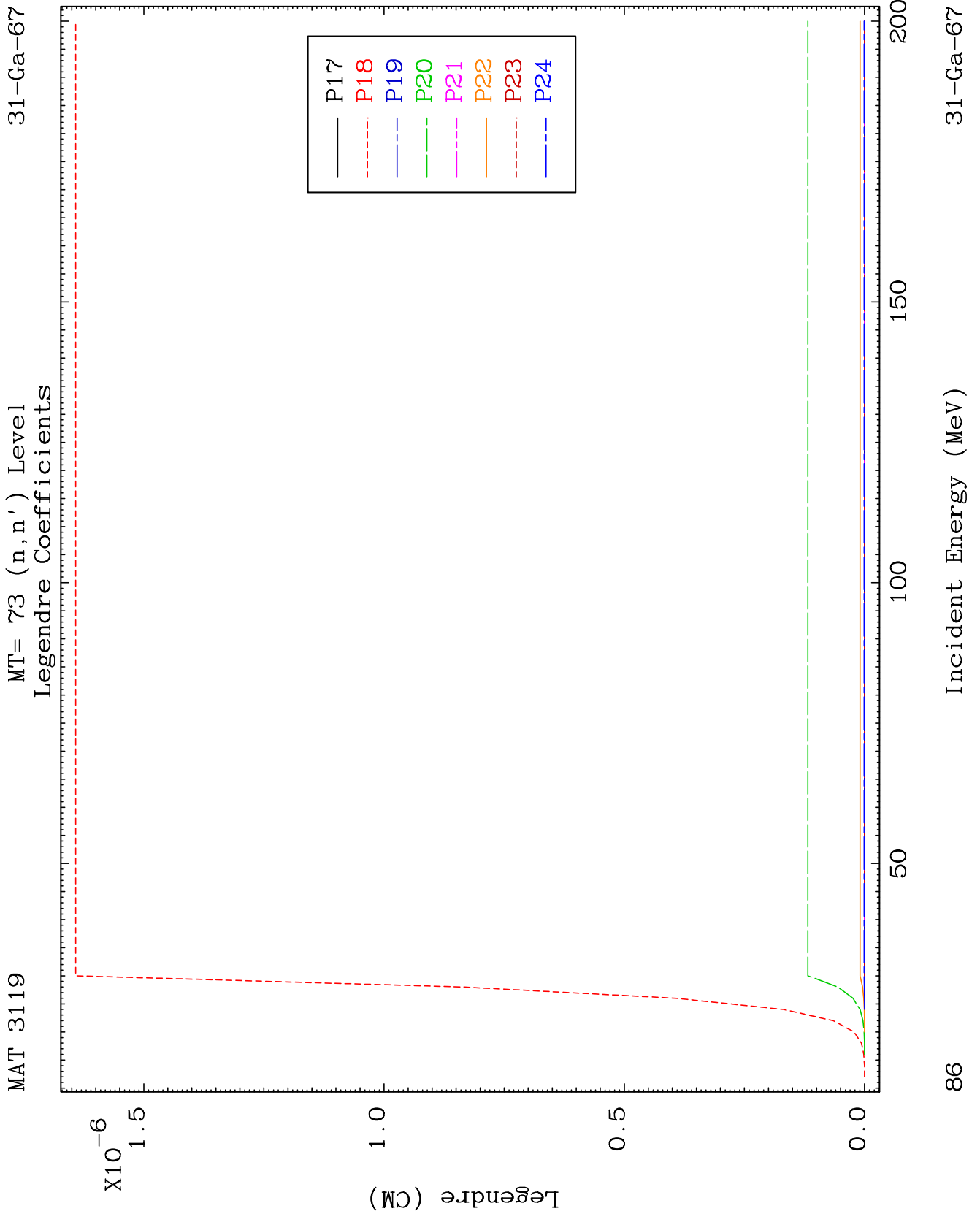
82

Incident Energy (MeV)

31-Ga-67



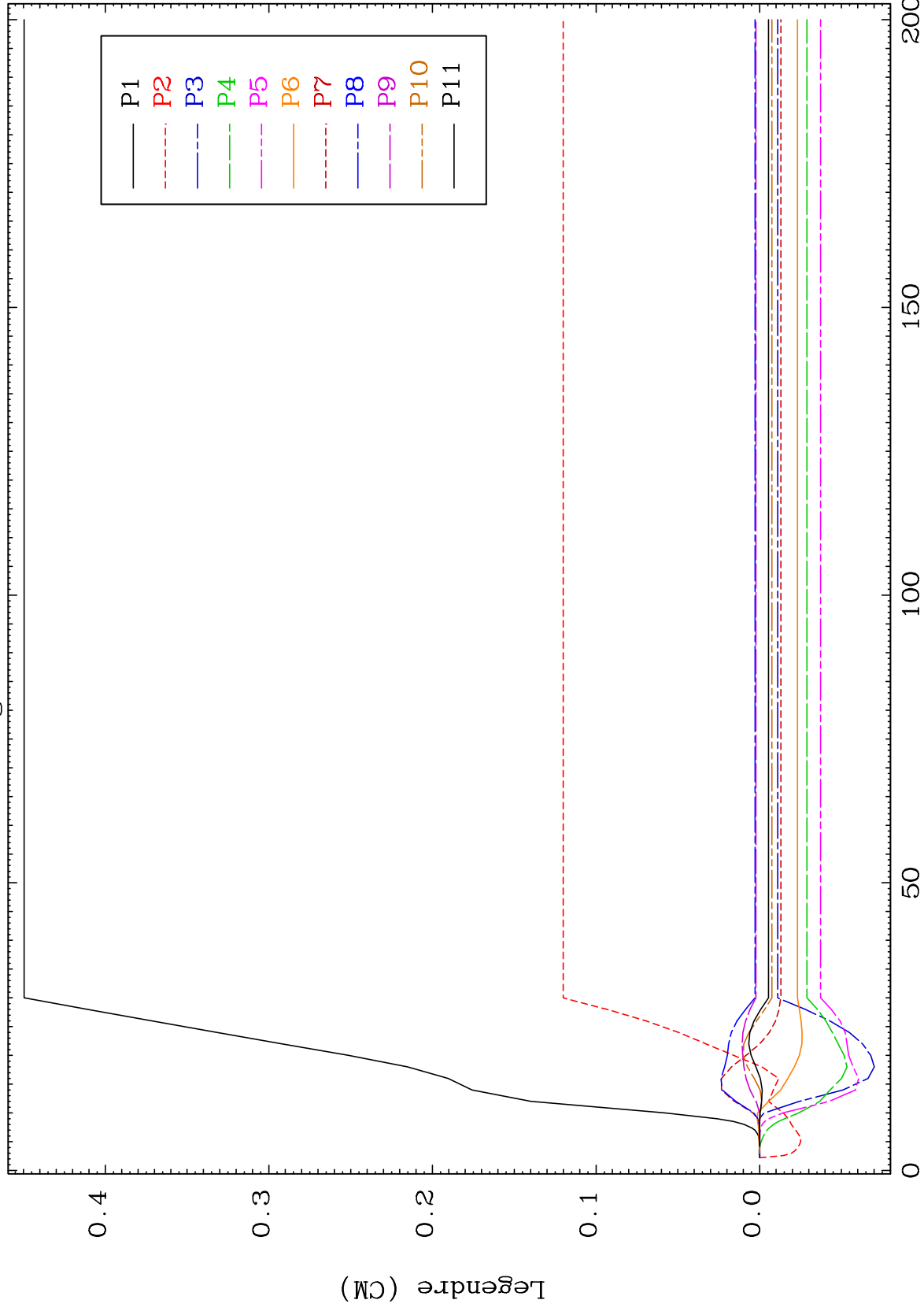




MAT 3119

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

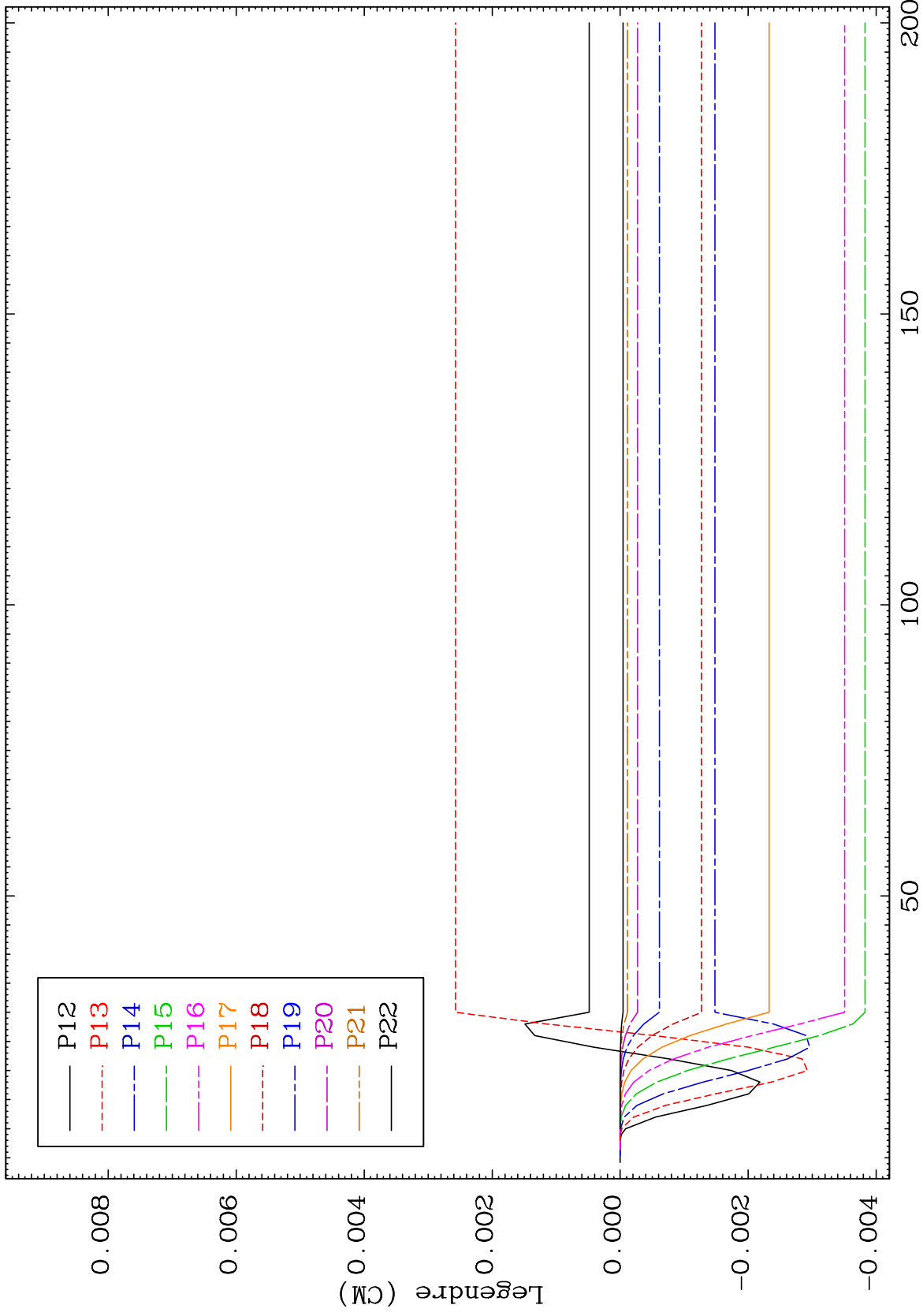
31-Ga-67



87

Incident Energy (MeV)

31-Ga-67

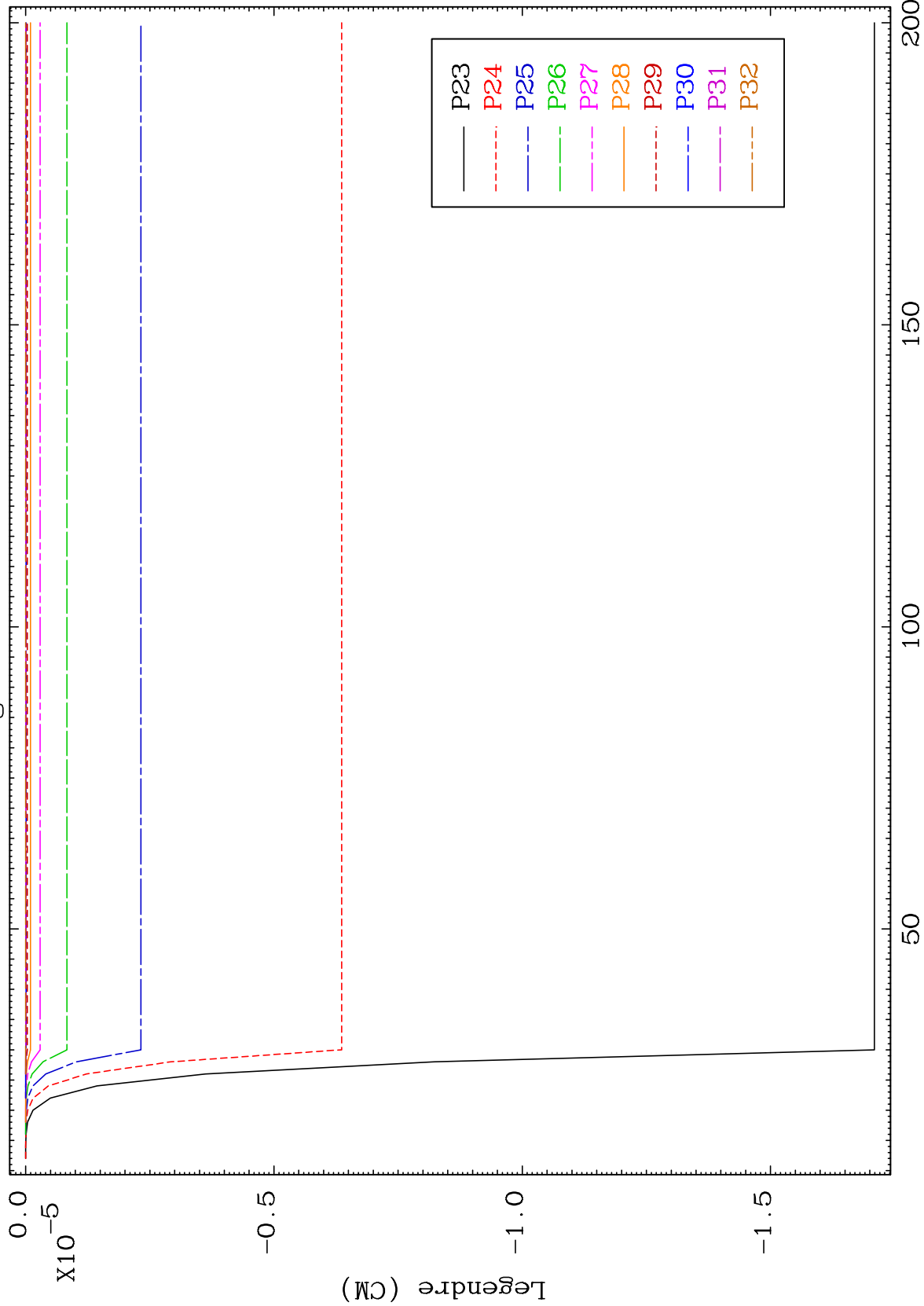


MAT 3119

MT= 74 (n,n') Level

31-Ga-67

Legendre Coefficients



89

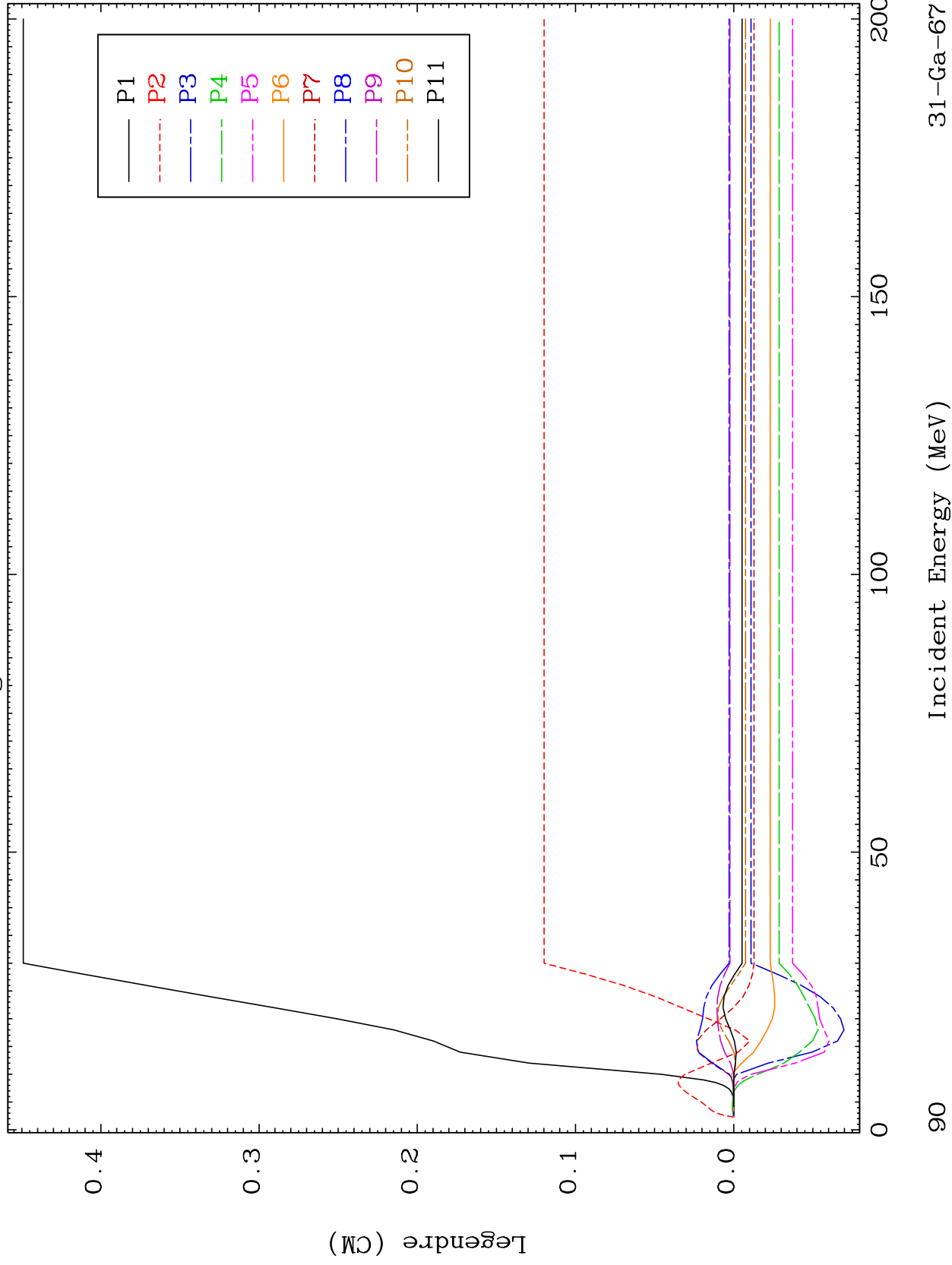
Incident Energy (MeV)

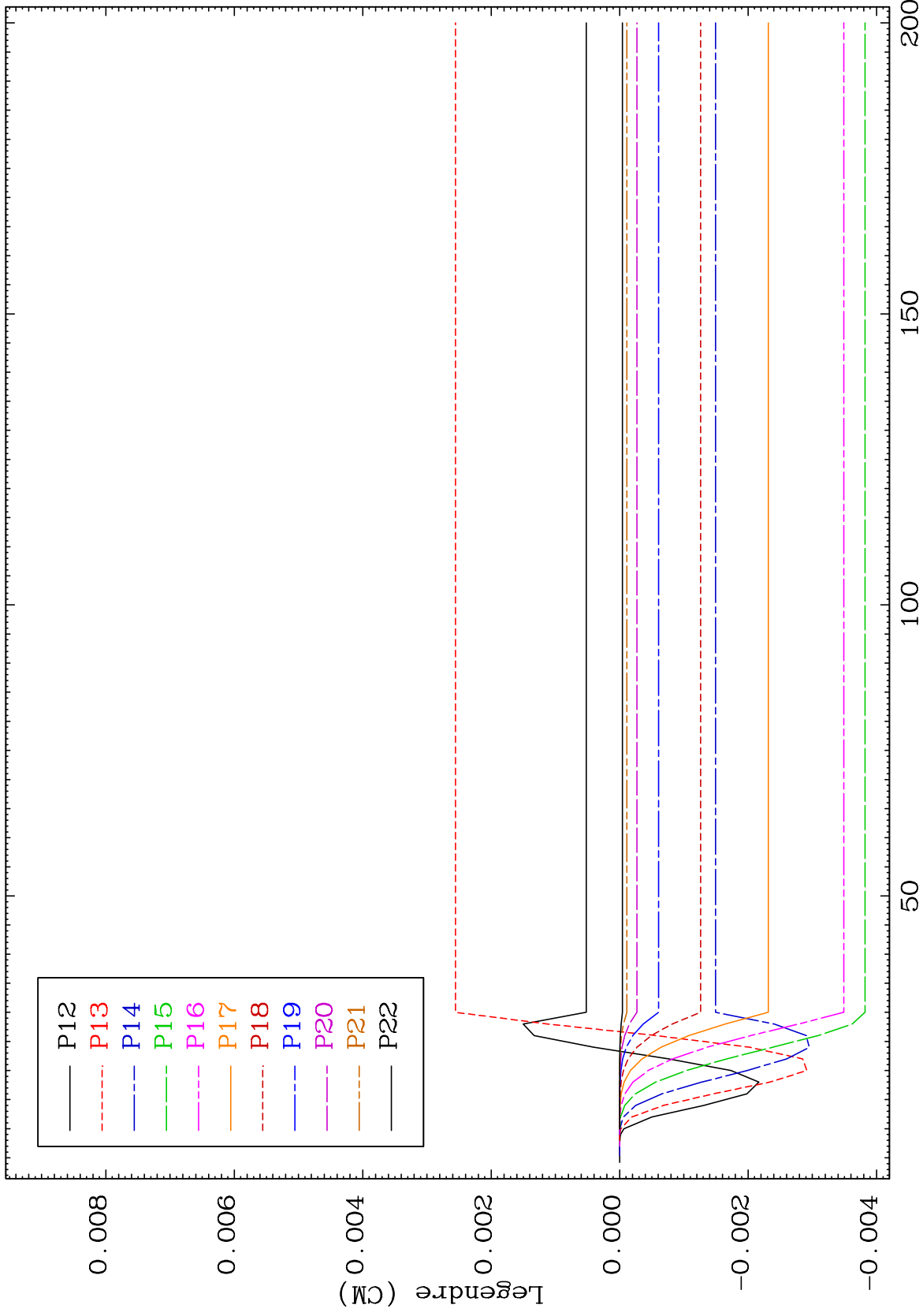
31-Ga-67

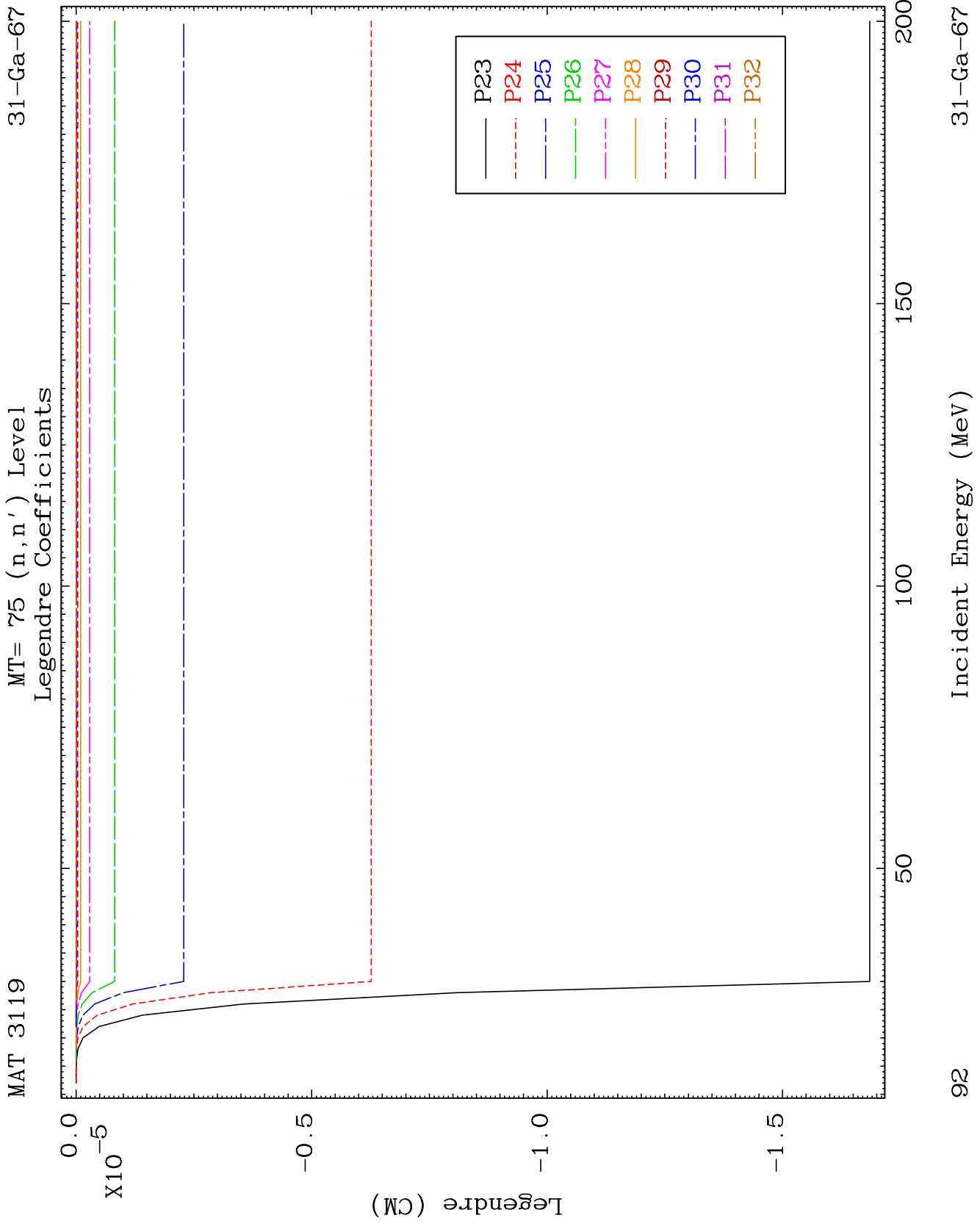
MAT 3119

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

31-Ga-67



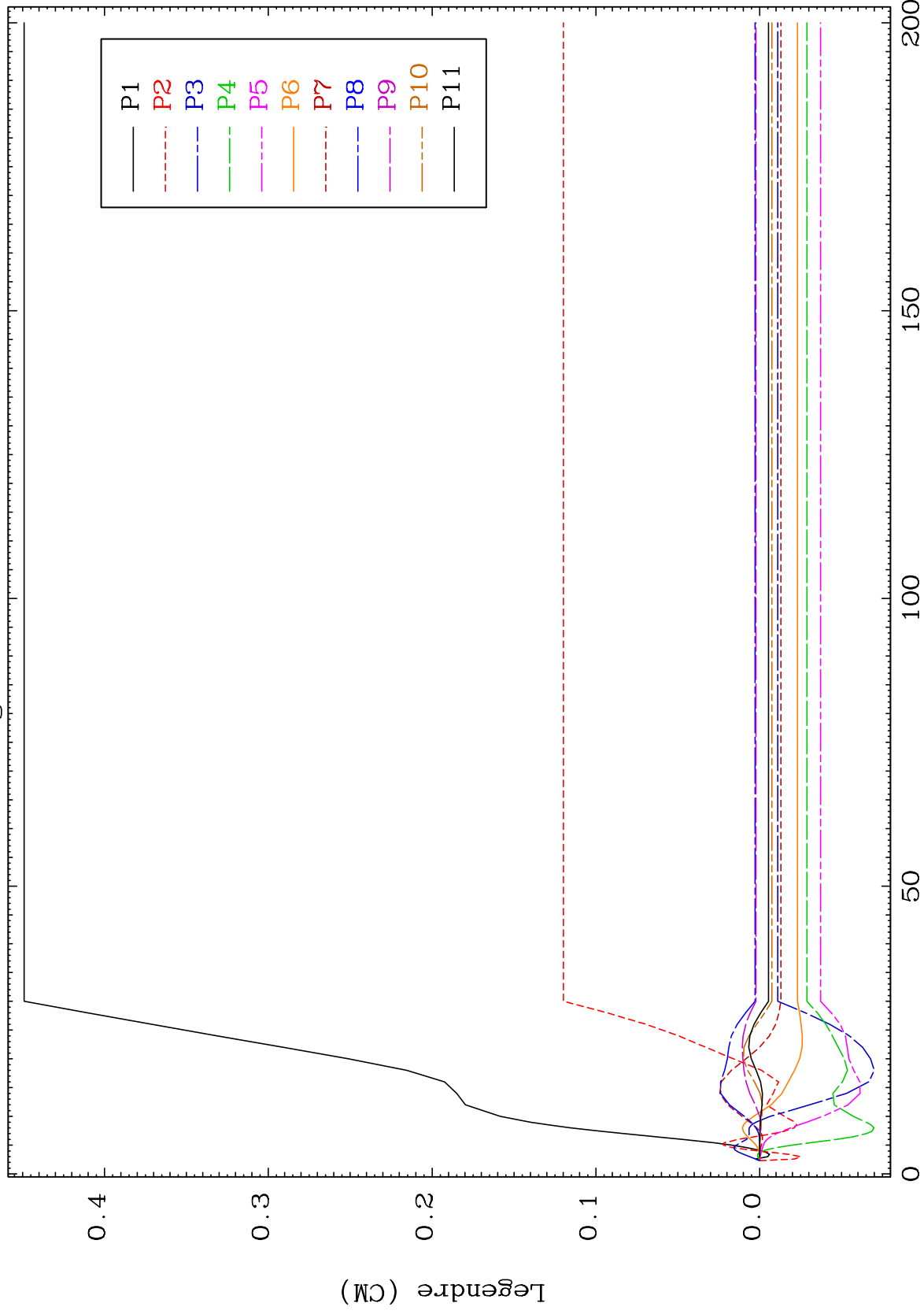




MAT 3119

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

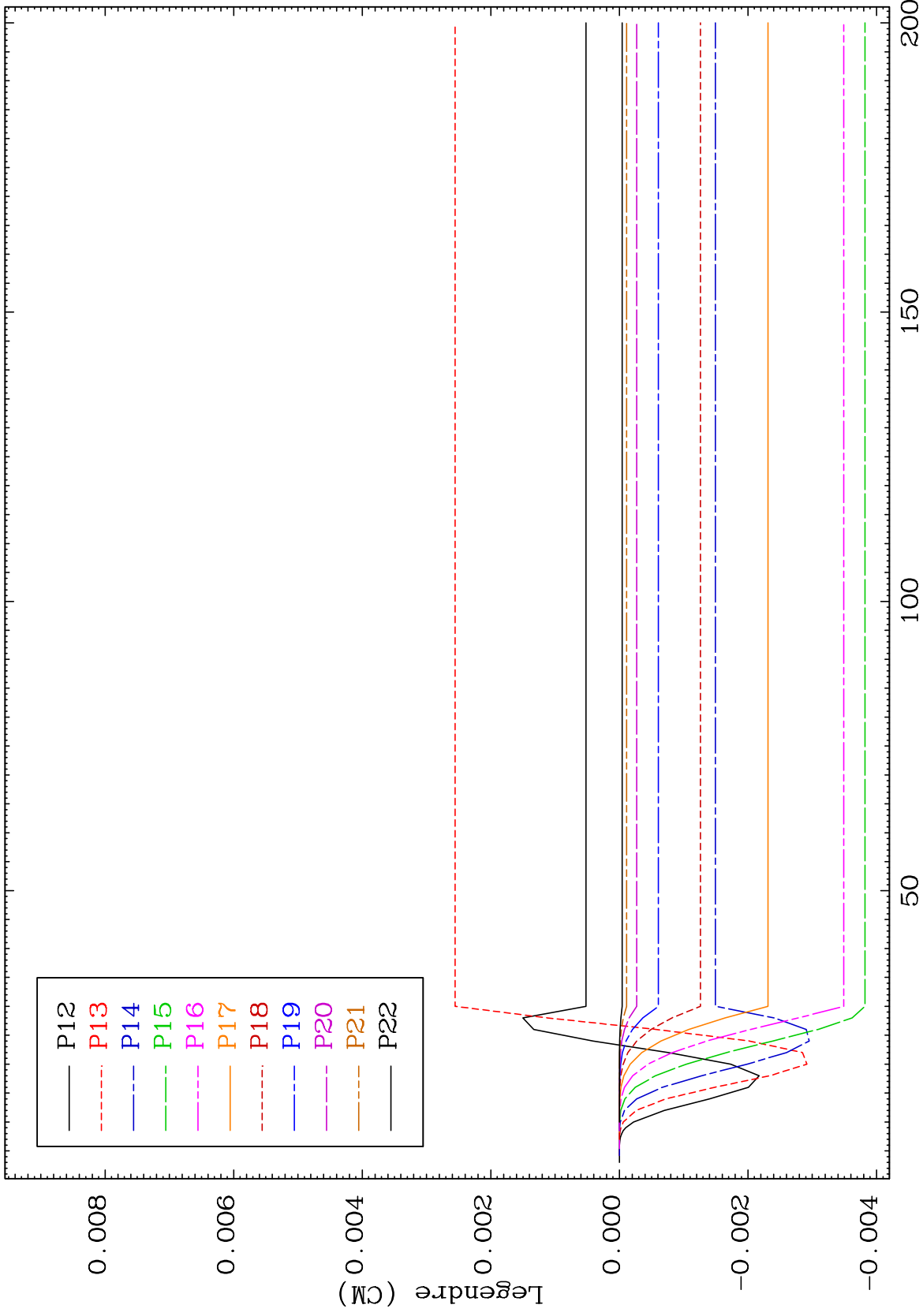
31-Ga-67

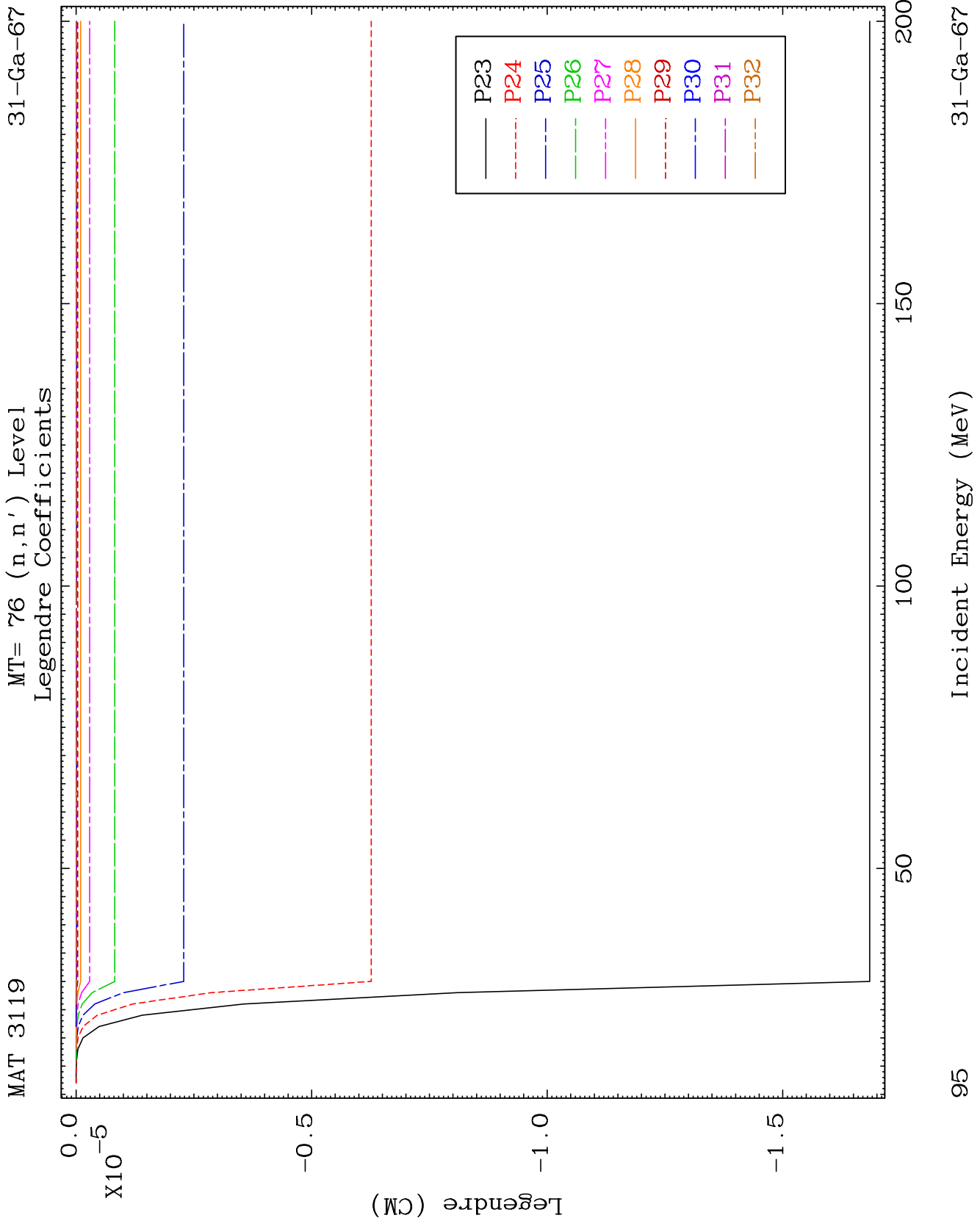


93

Incident Energy (MeV)

31-Ga-67

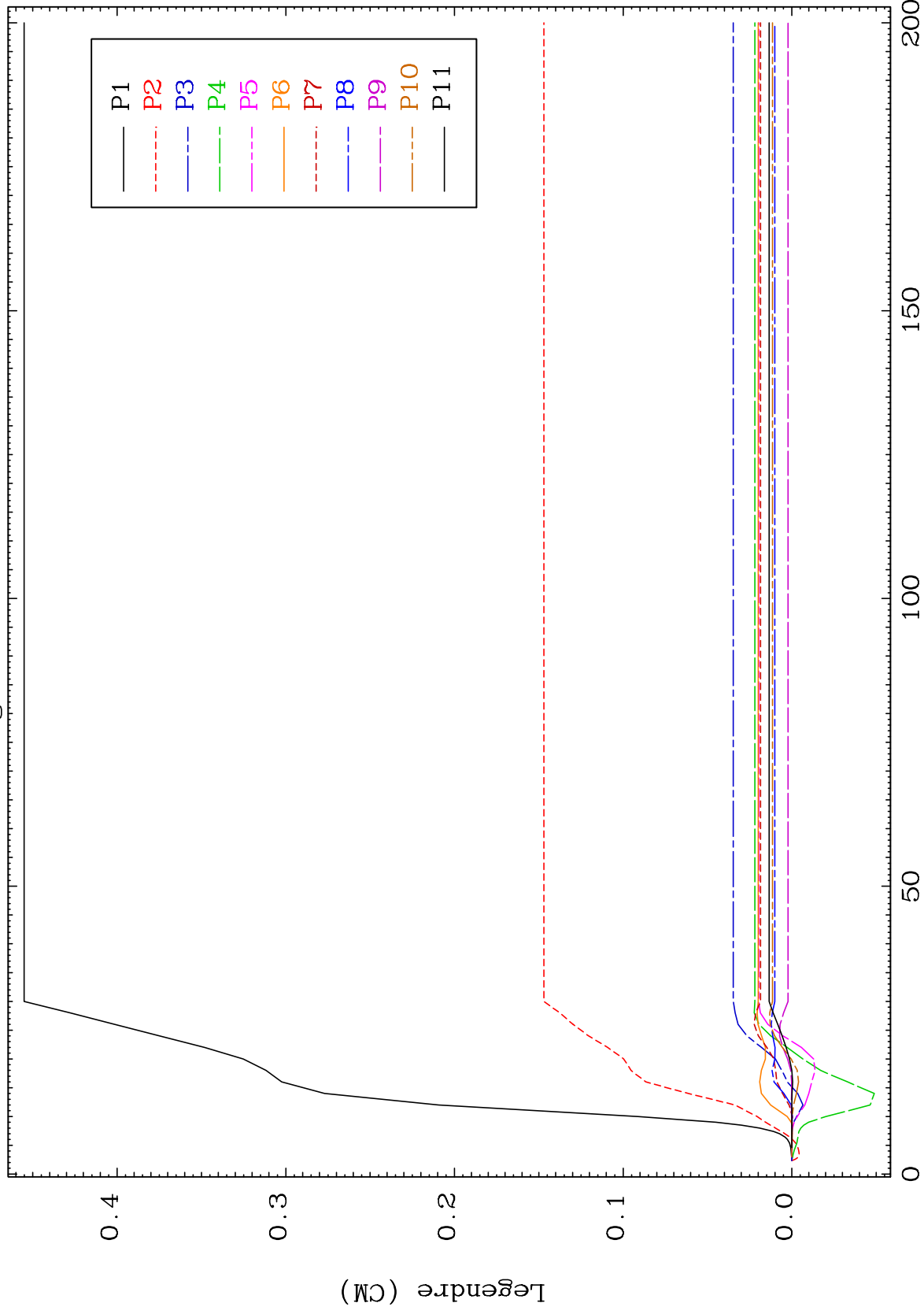




MAT 3119

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

31-Ga-67



96

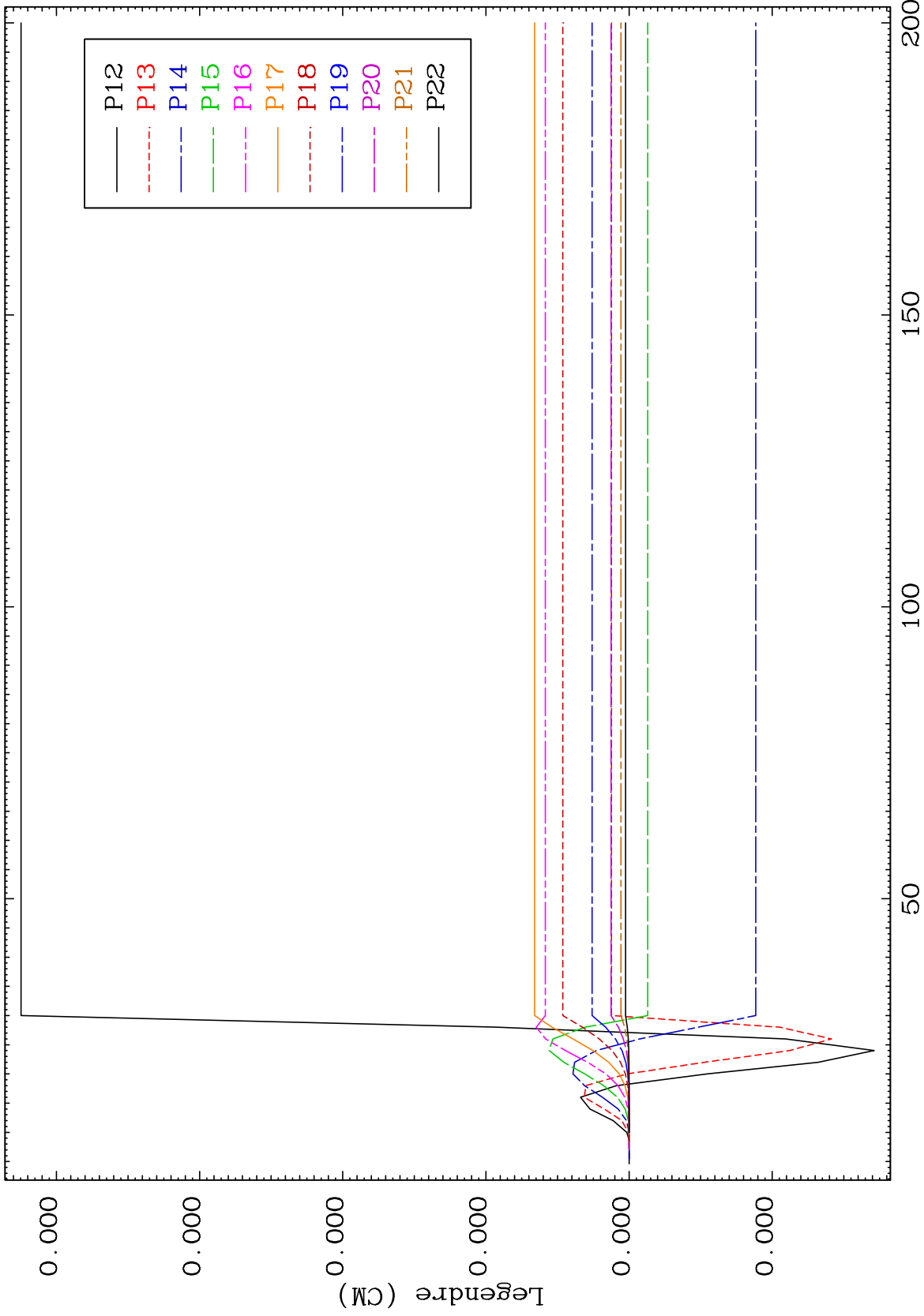
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



97

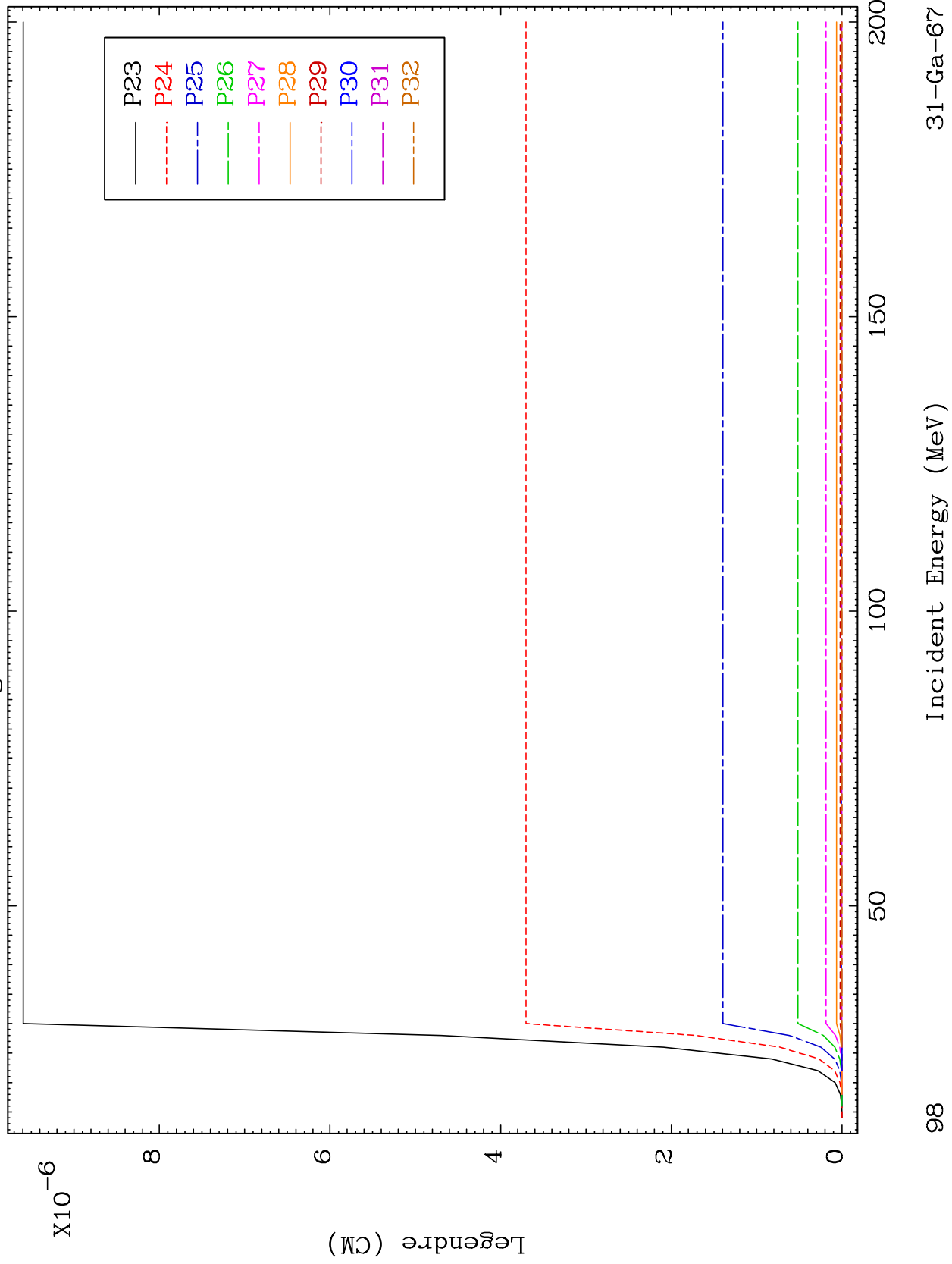
Incident Energy (MeV)

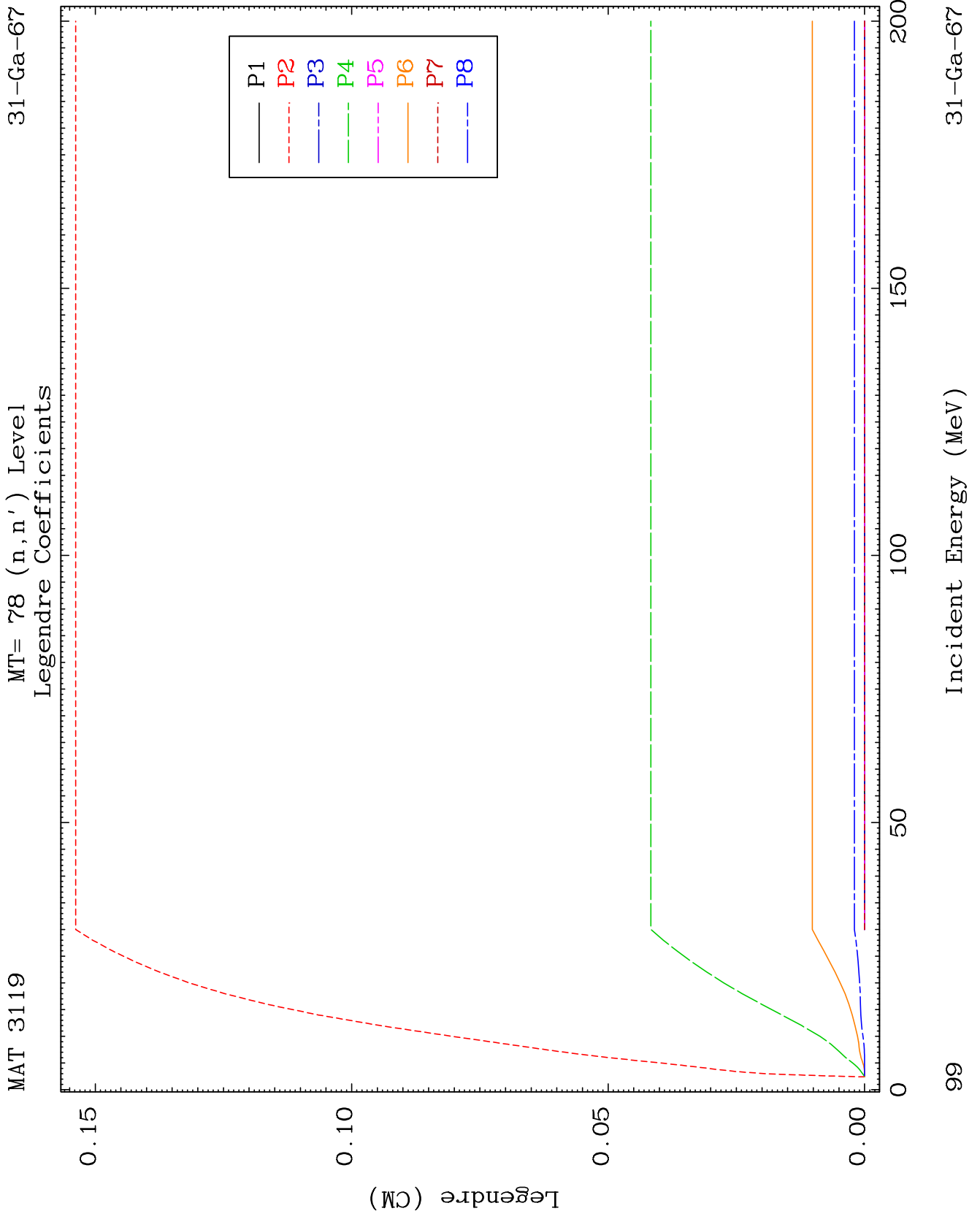
31-Ga-67

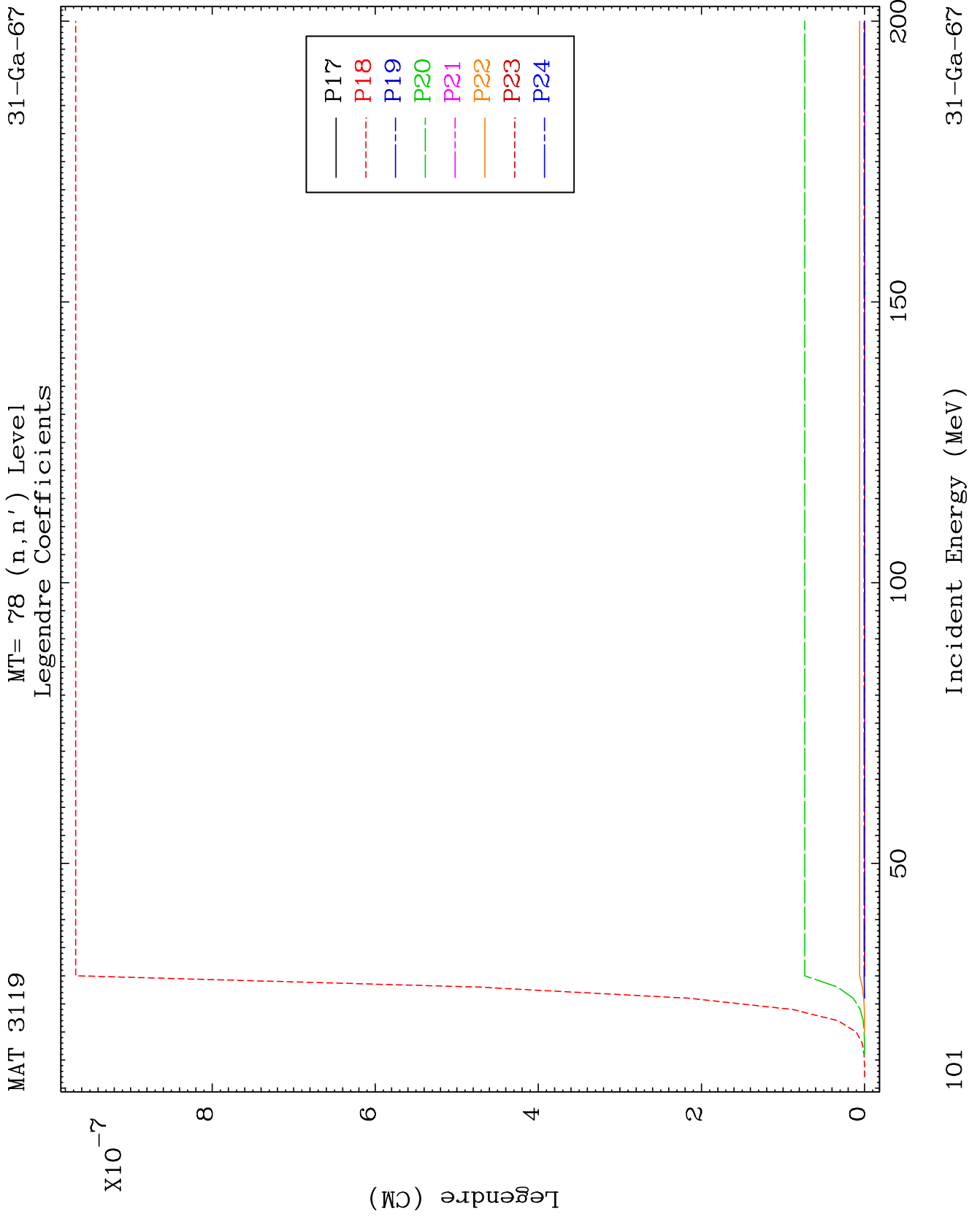
MAT 3119

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

31-Ga-67



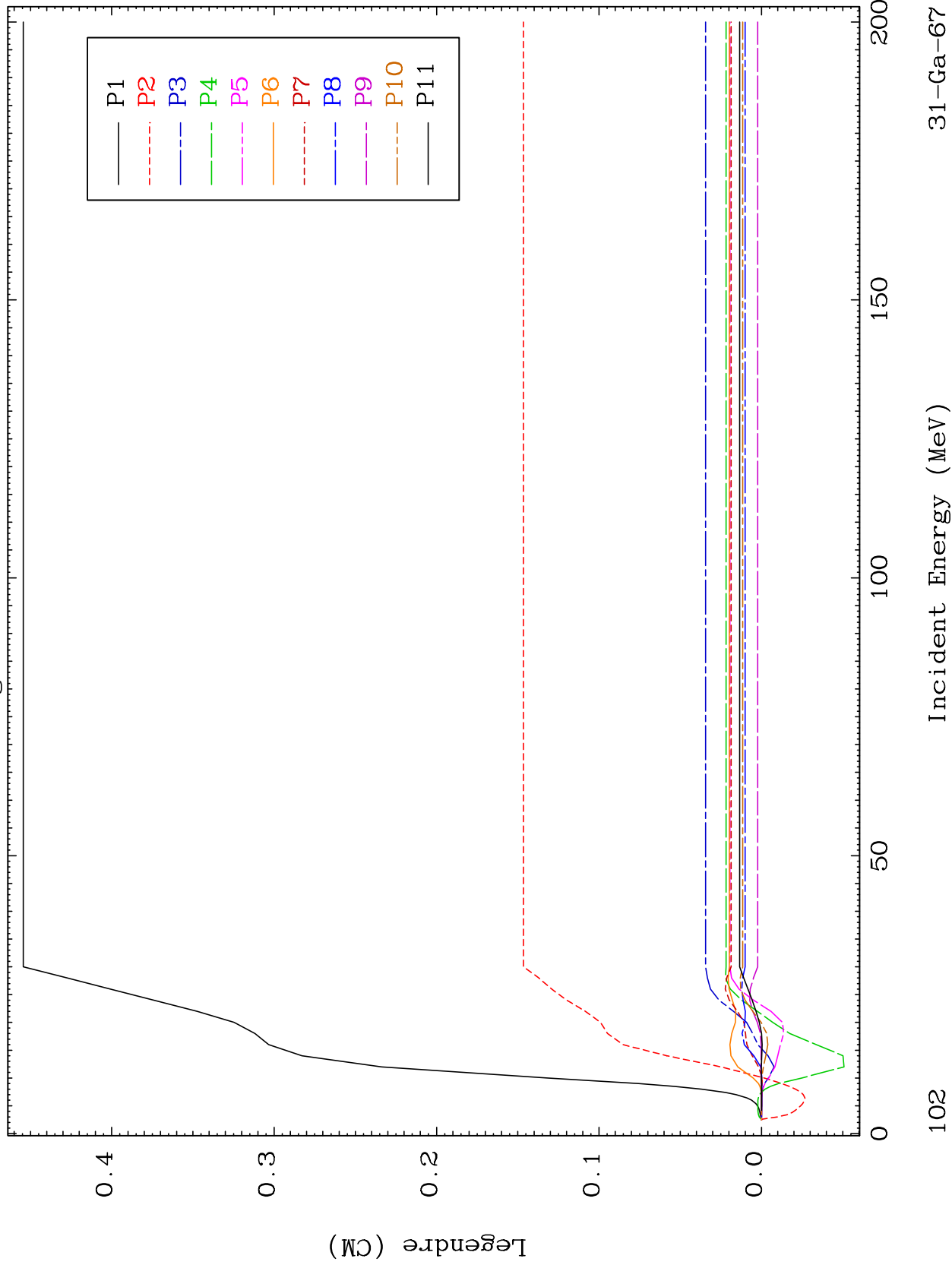




MAT 3119

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

31-Ga-67



31-Ga-67

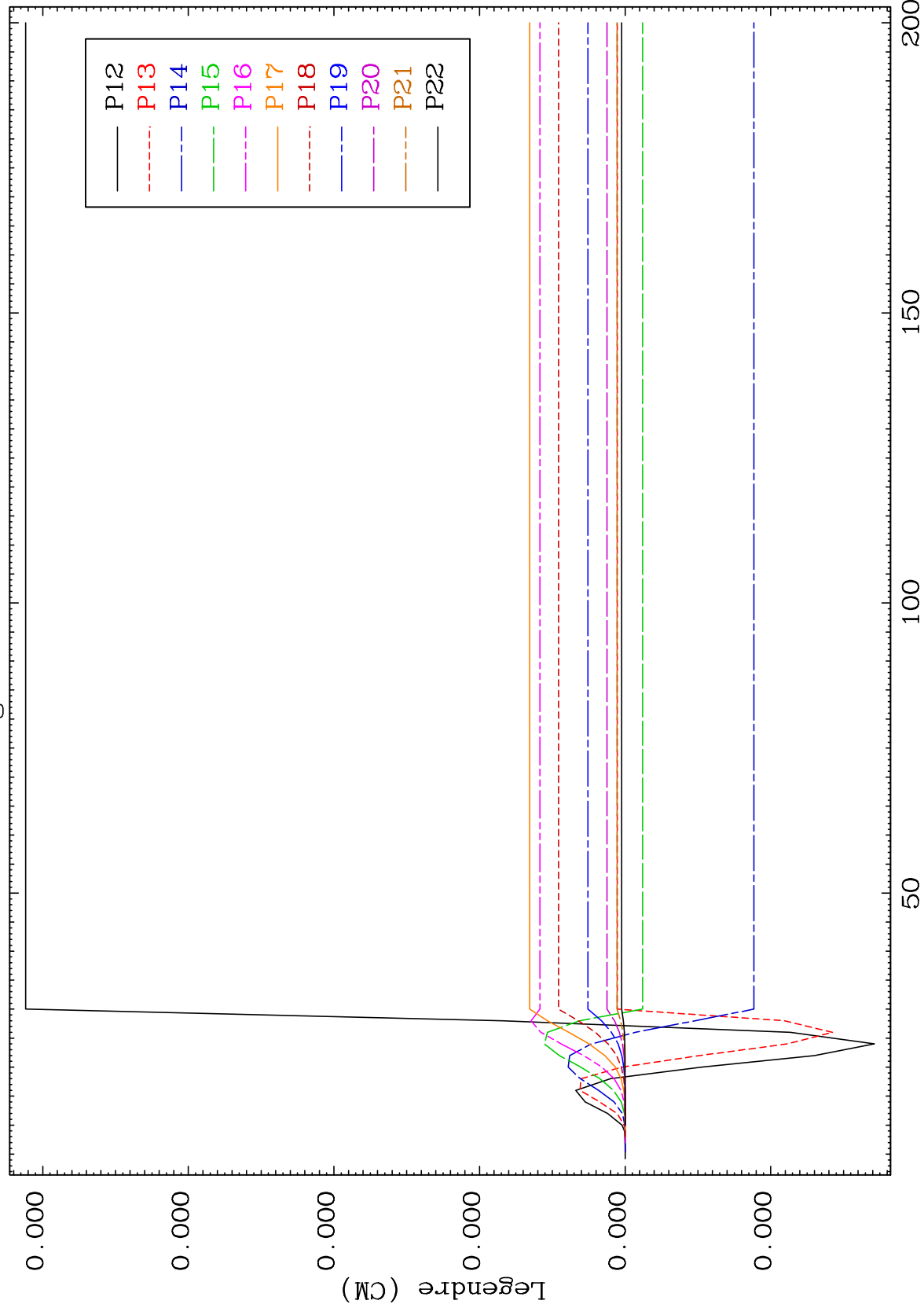
Incident Energy (MeV)

102

MAT 3119

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

31-Ga-67



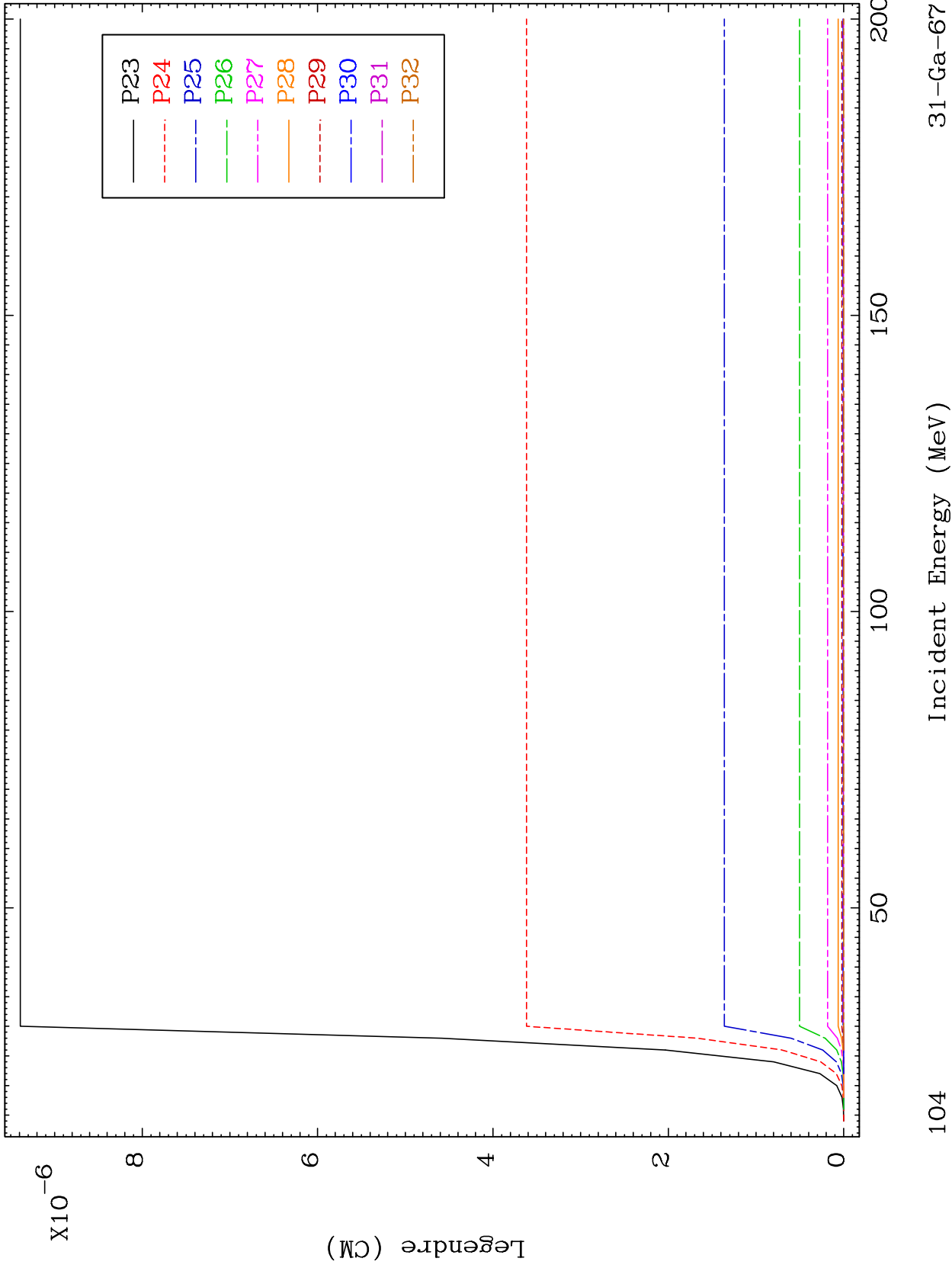
103

31-Ga-67

MAT 3119

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

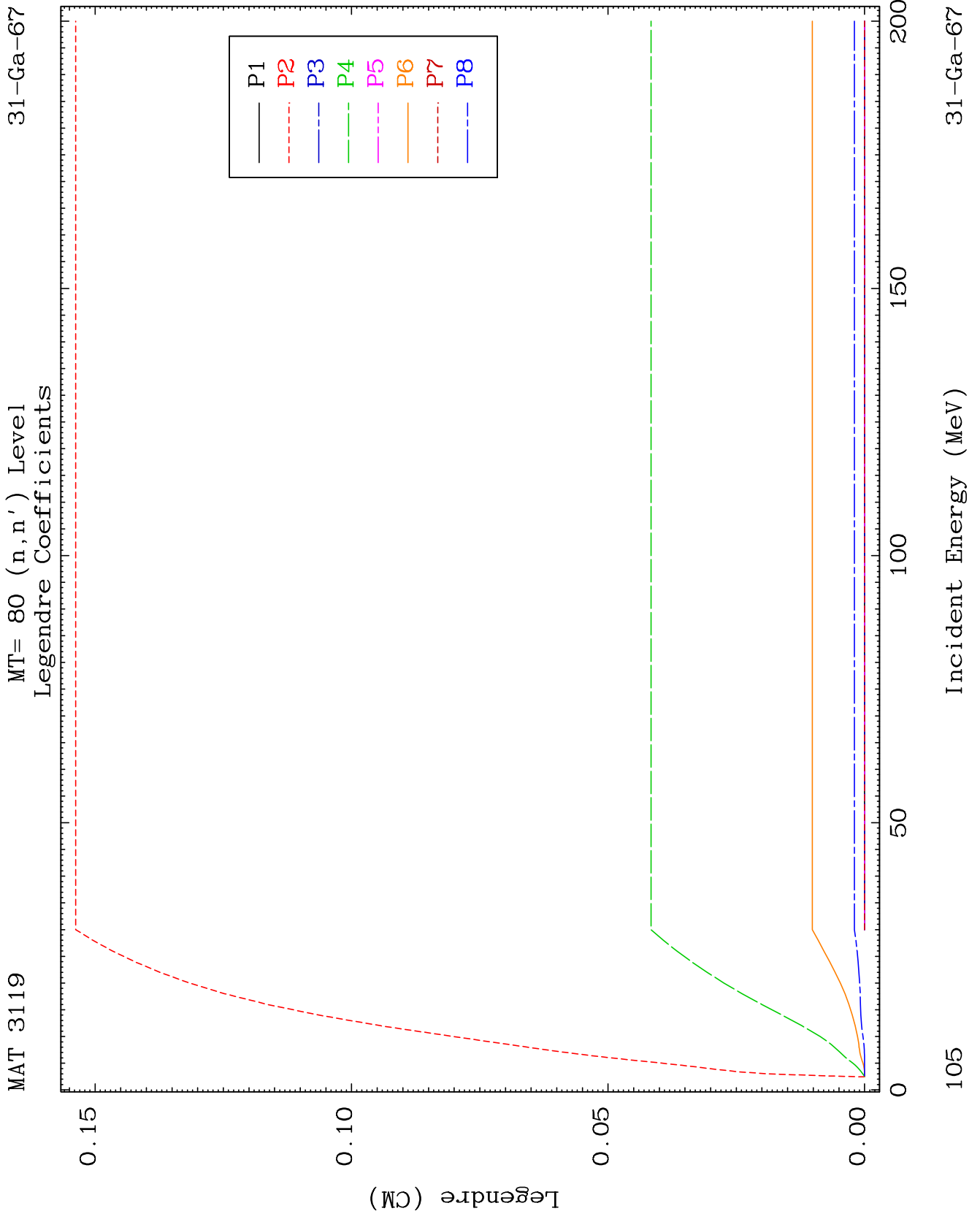
31-Ga-67

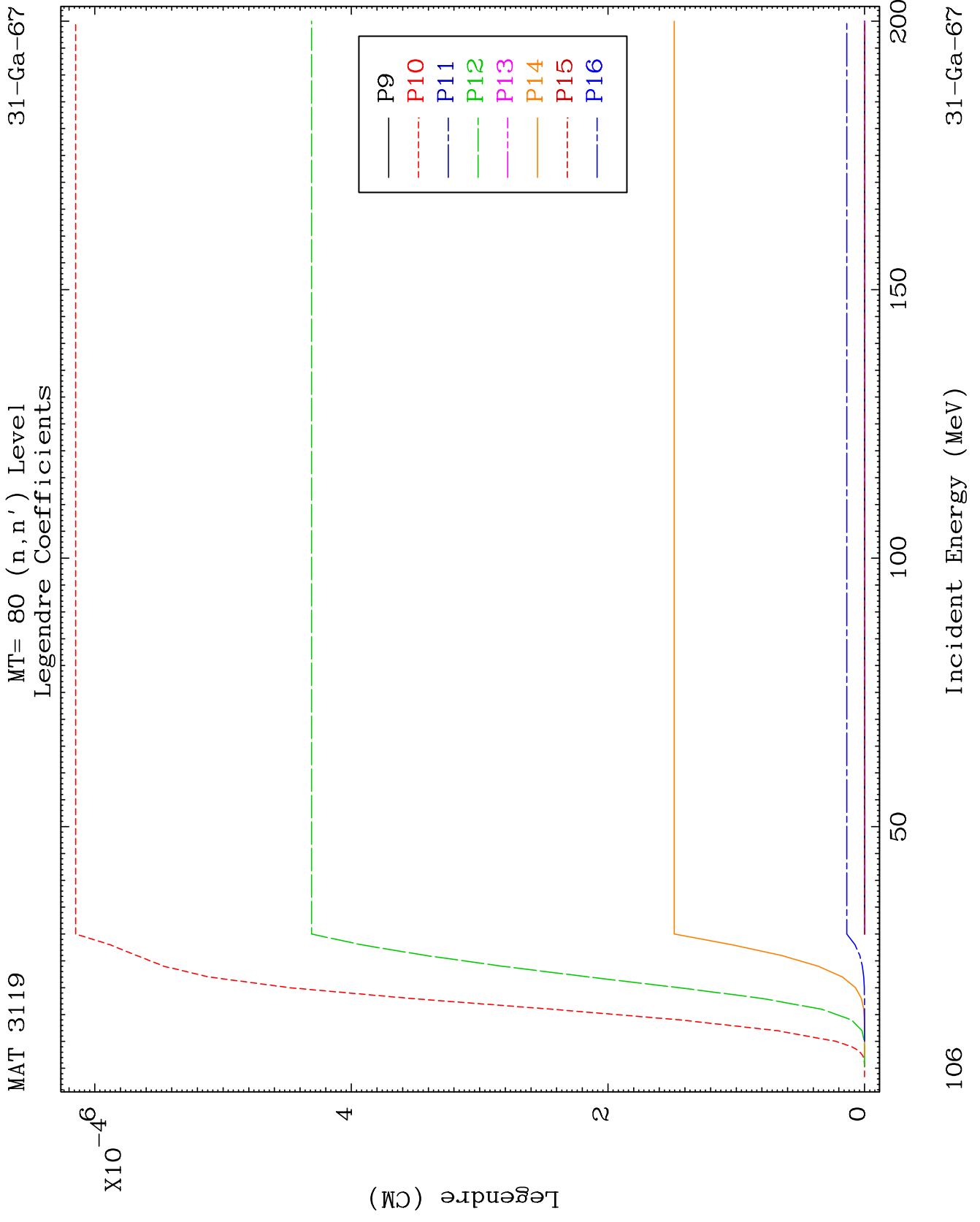


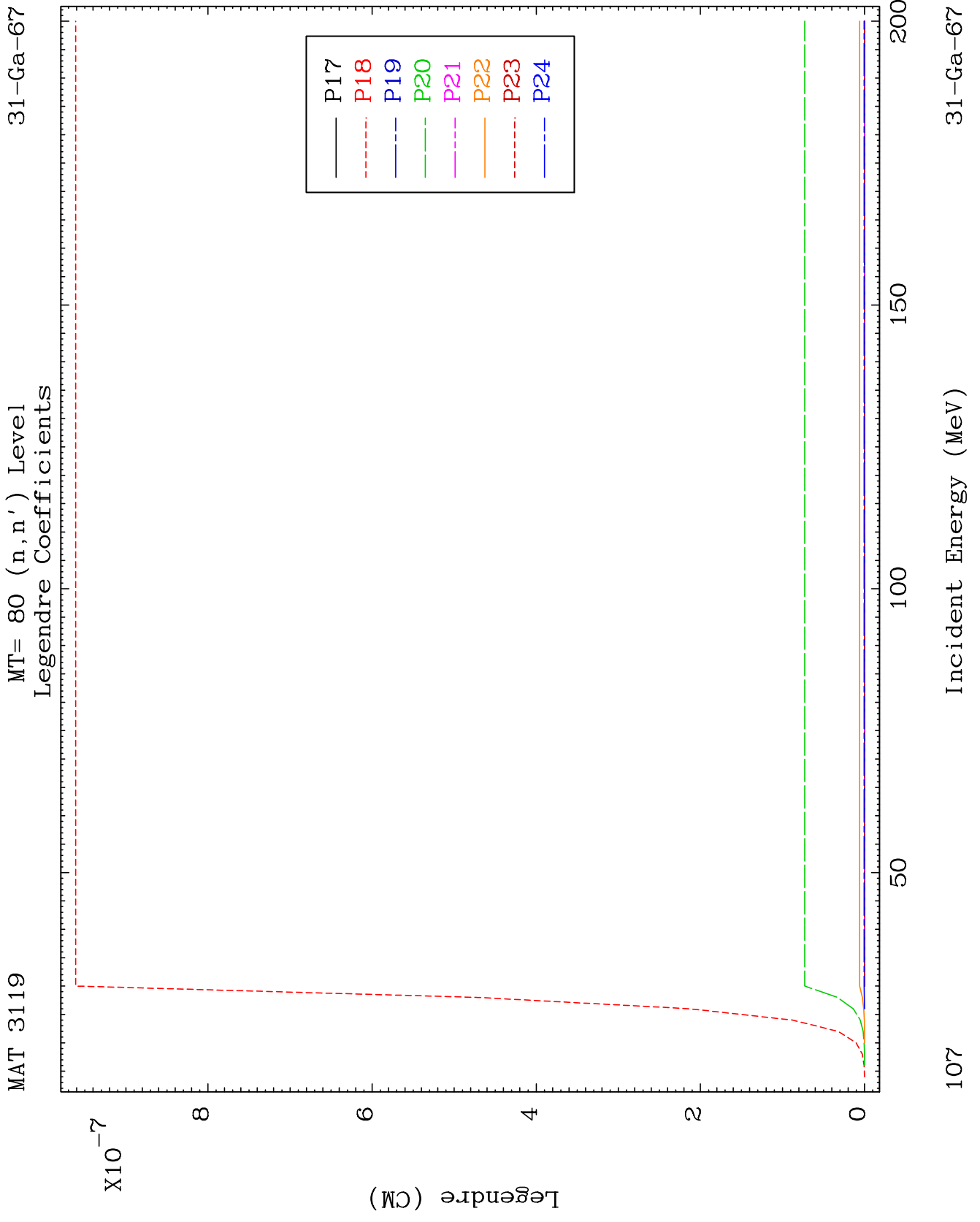
104

Incident Energy (MeV)

31-Ga-67



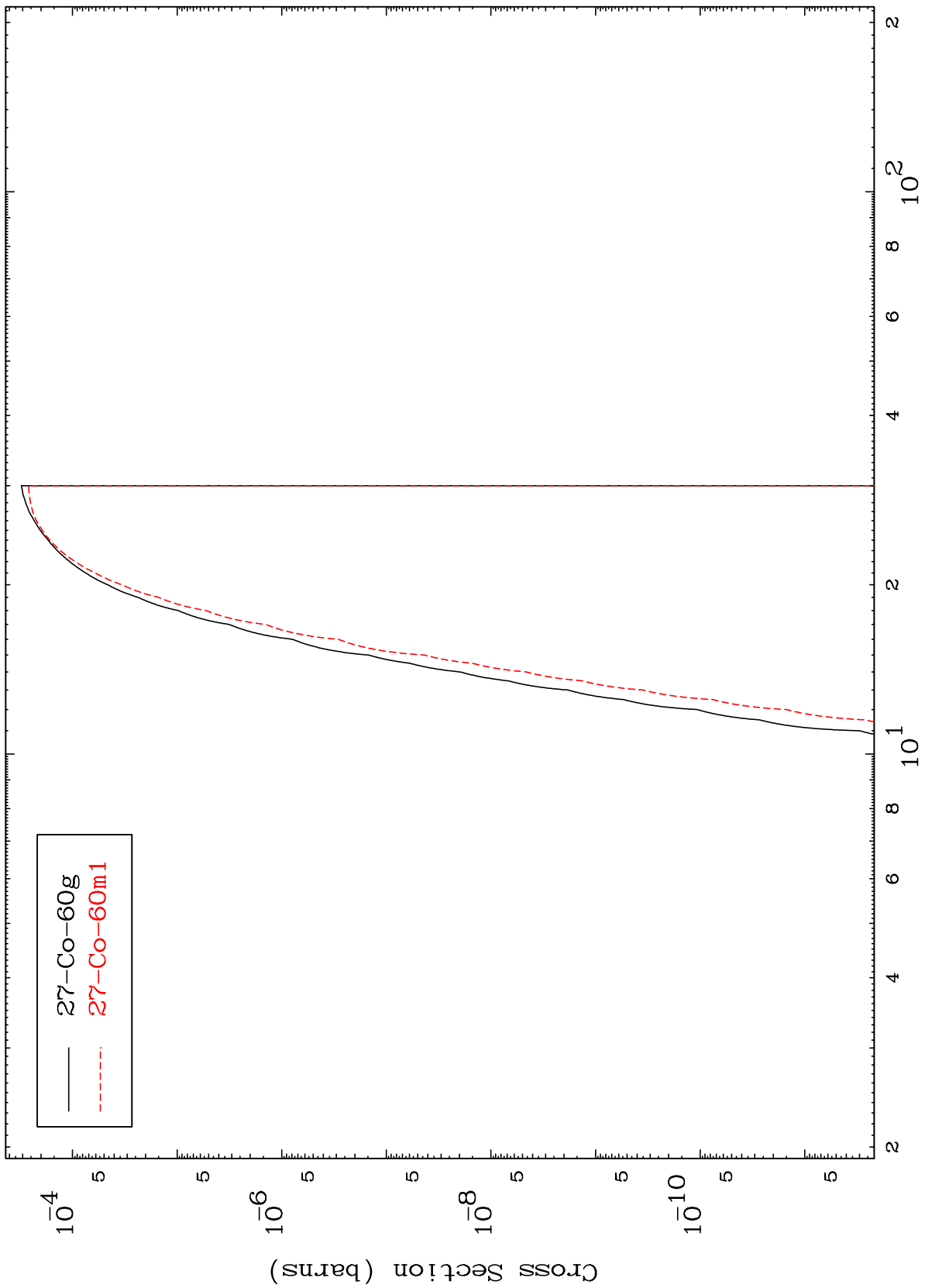




MAT 3119

31-Ga-67

(n,2α)
Radionuclide Production Cross Section



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31-Ga-67

Incident Energy (MeV)