

Program EVALPLOT
(Version 2021-1)

by

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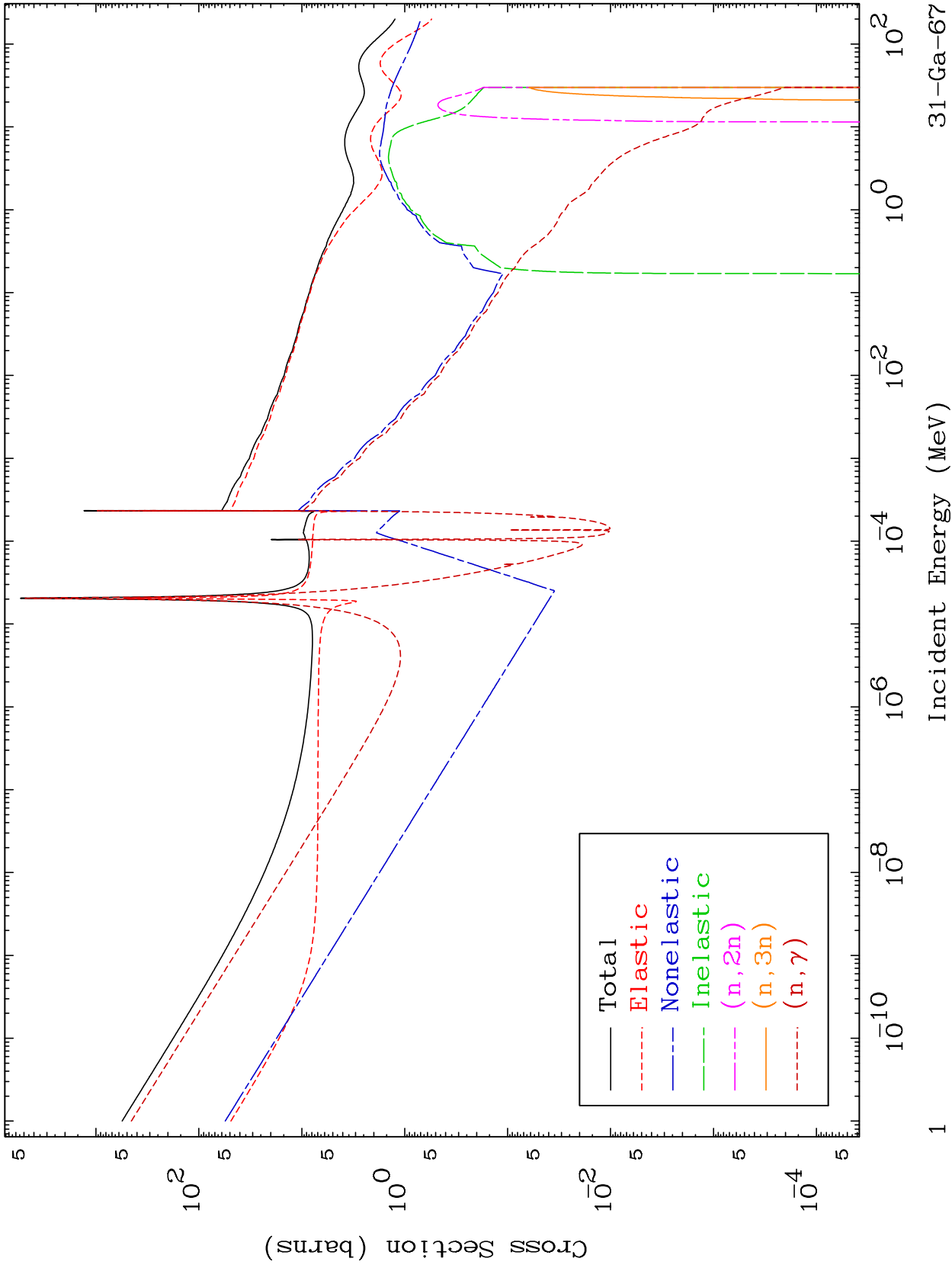
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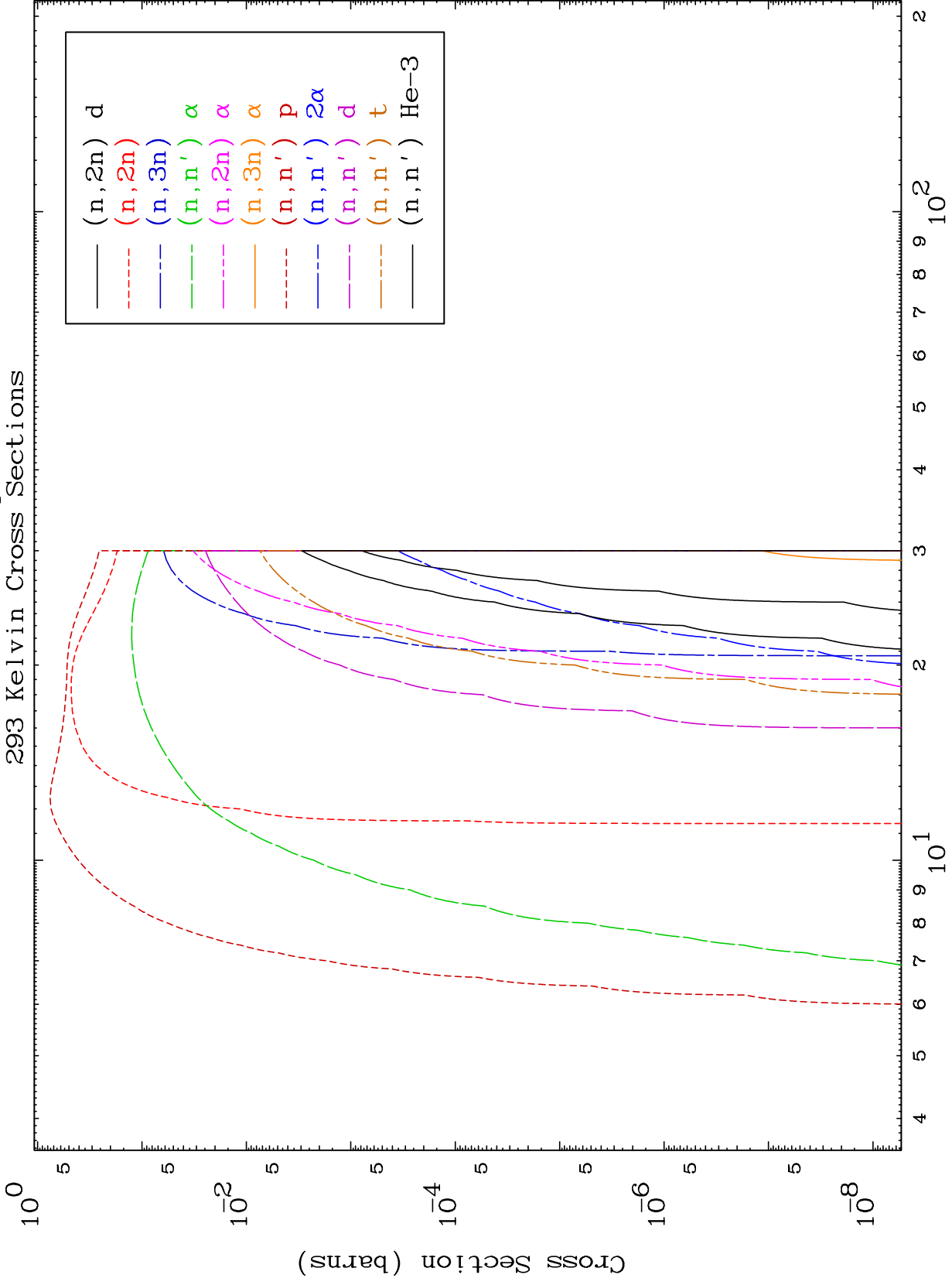
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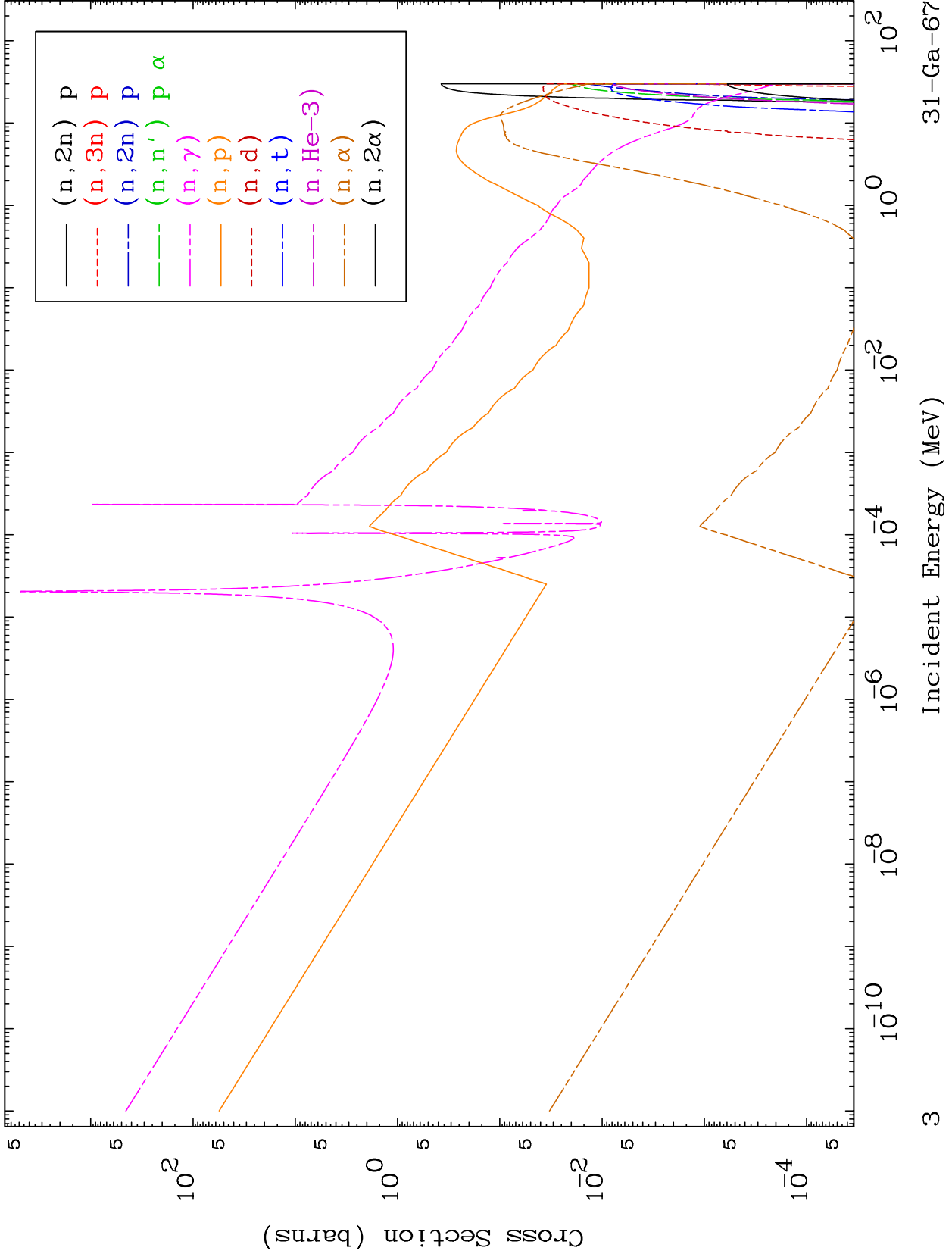
MAT 3119

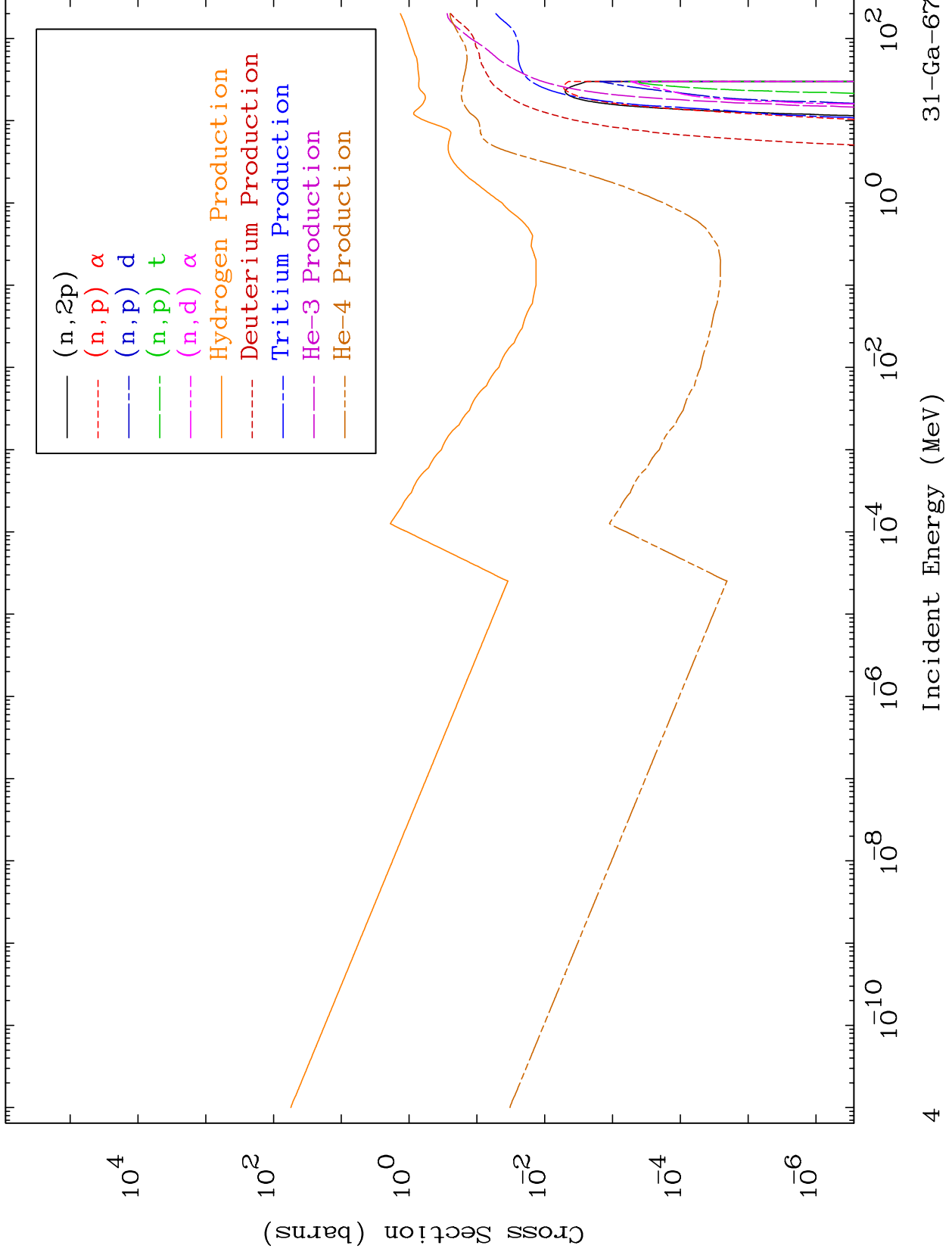
Neutron Major
293 Kelvin Cross Sections

31-Ga-67





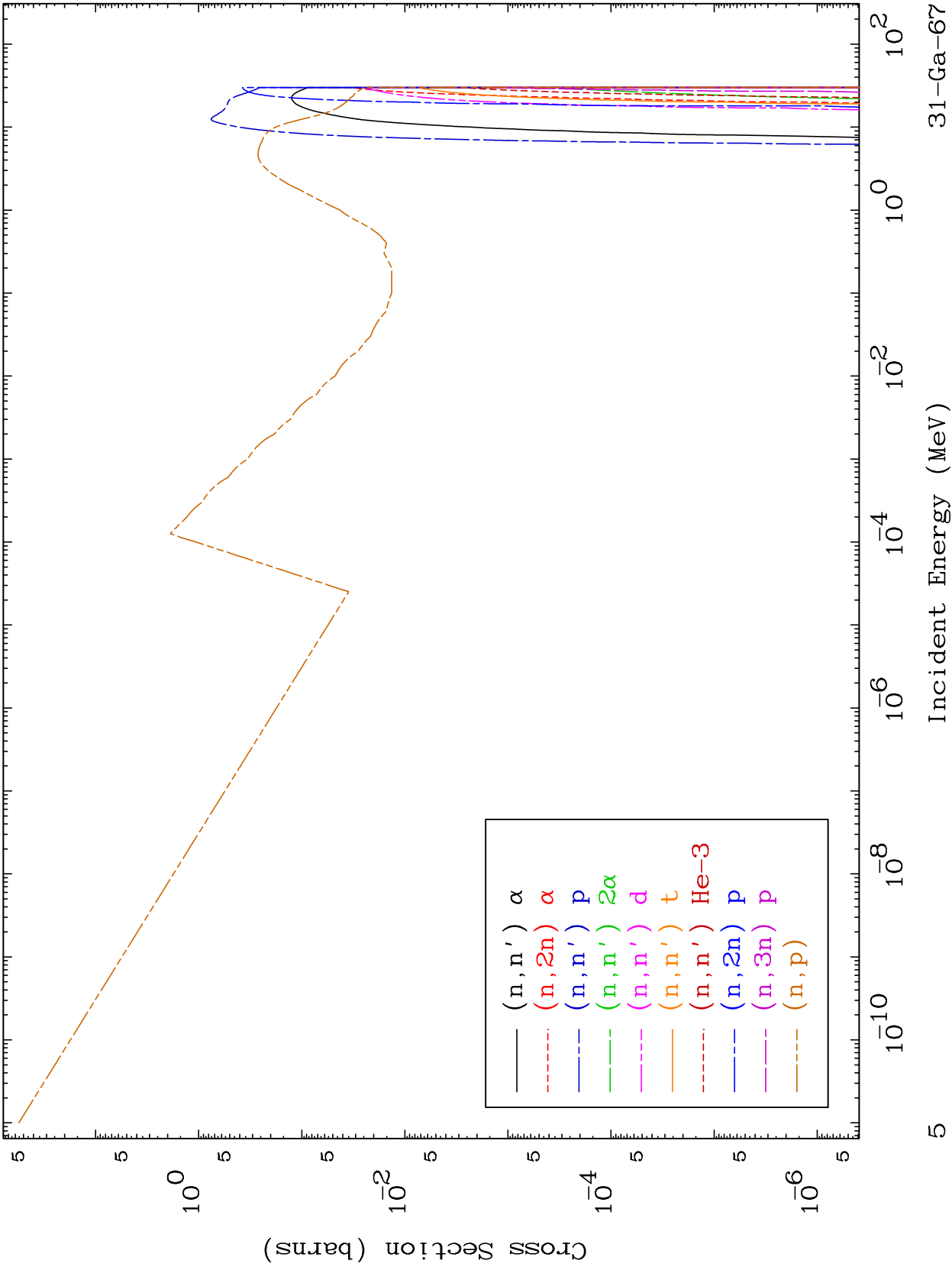




MAT 3119

Charged Particle
293 Kelvin Cross Sections

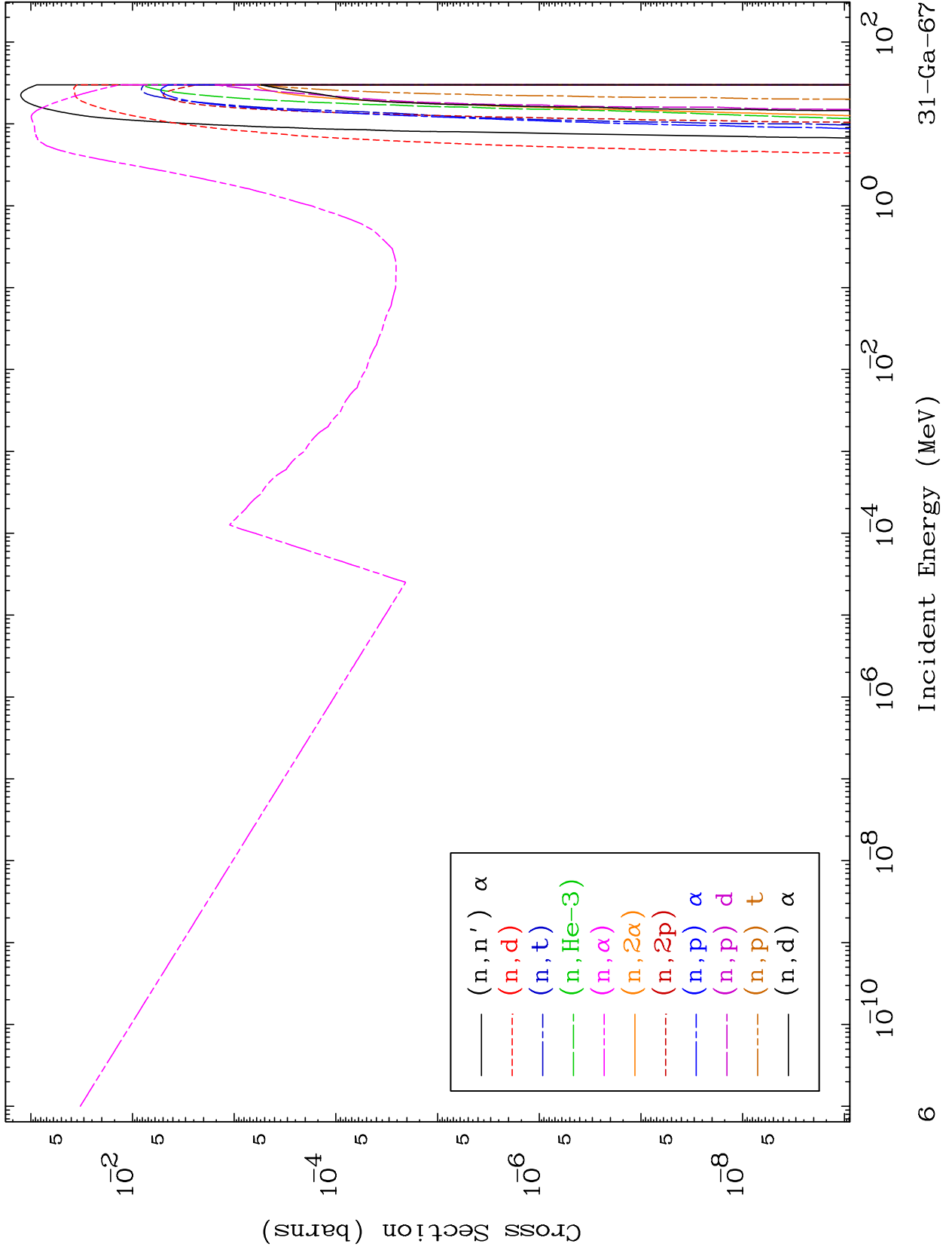
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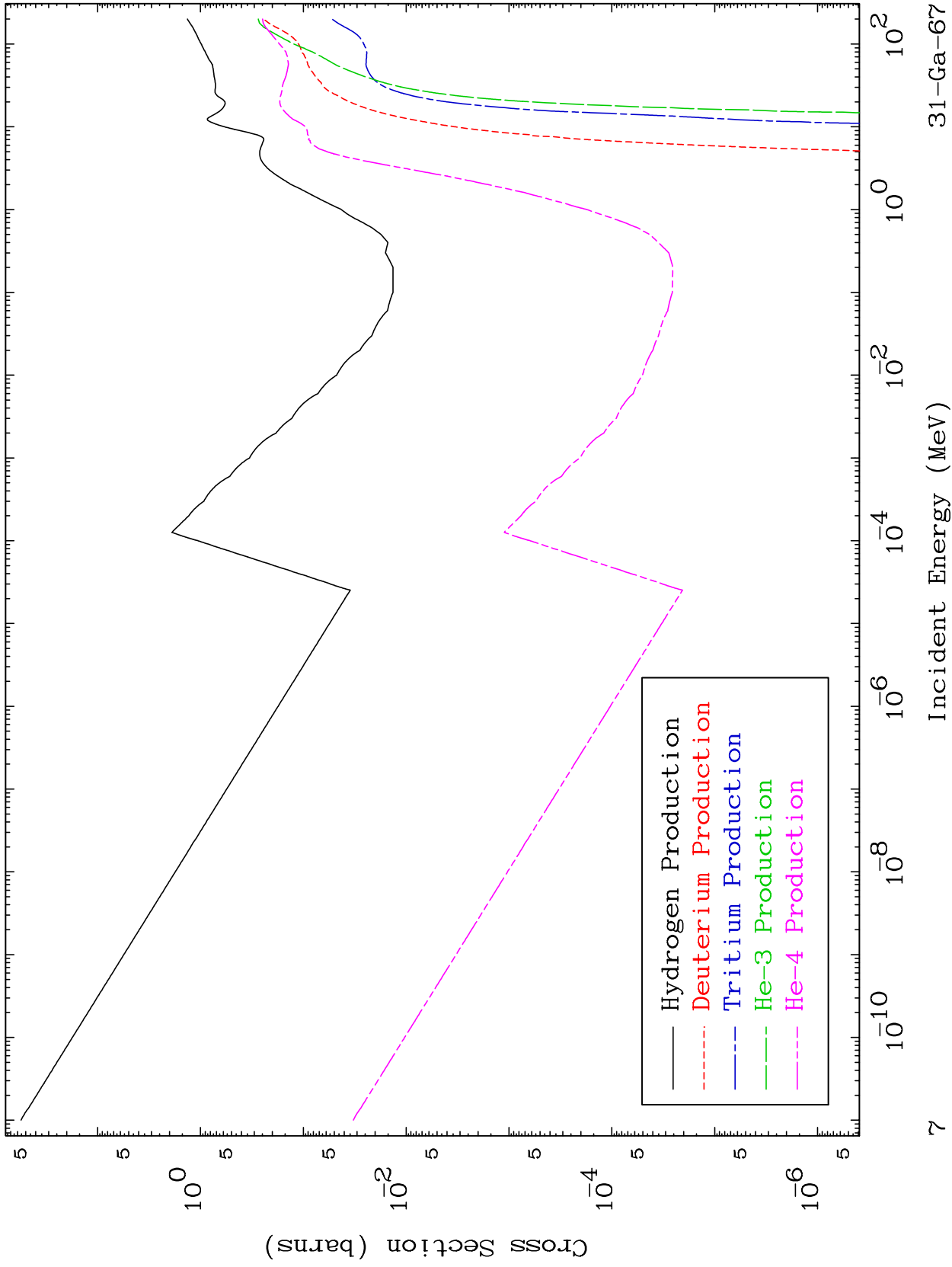


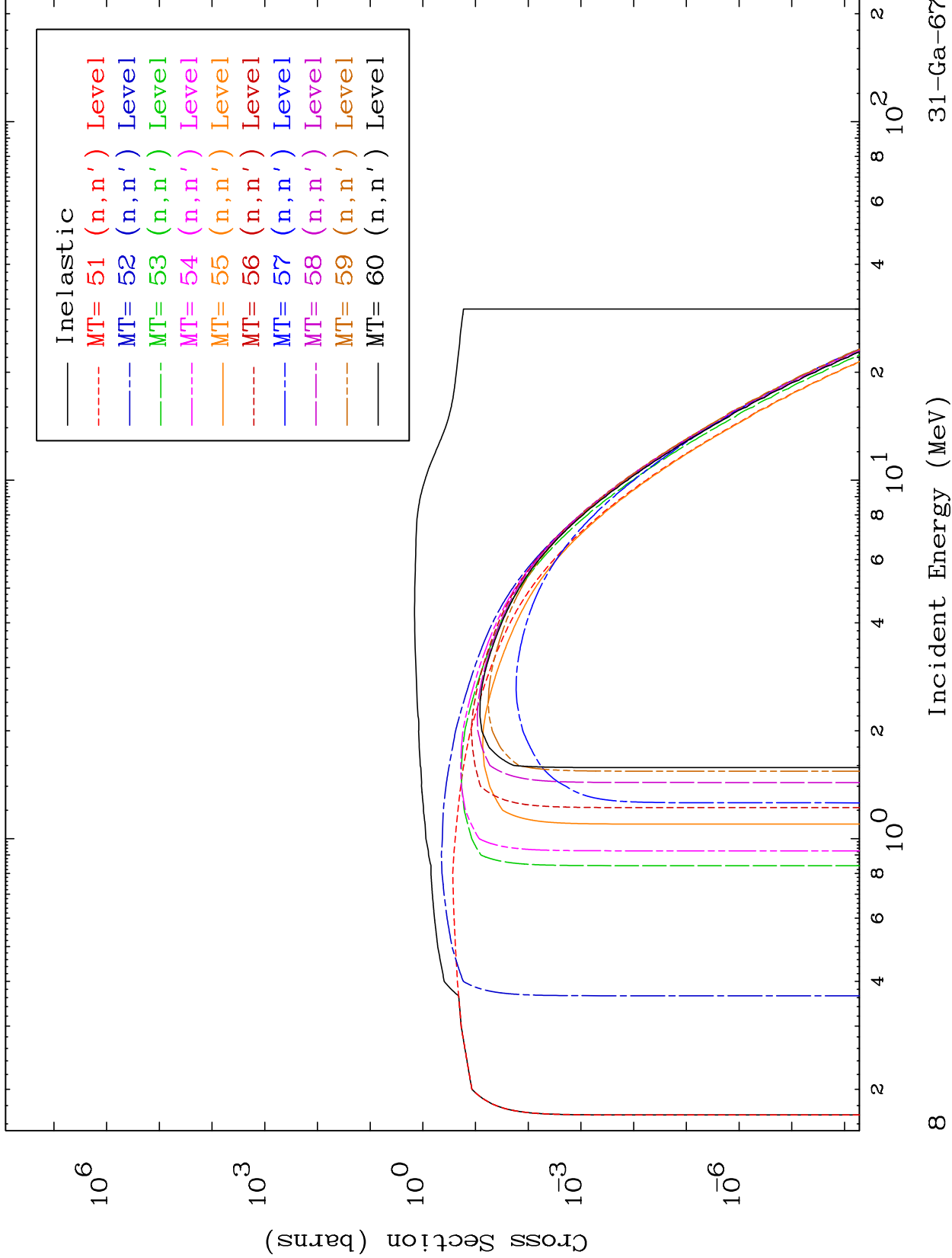
MAT 3119

Charged Particle
293 Kelvin Cross Sections

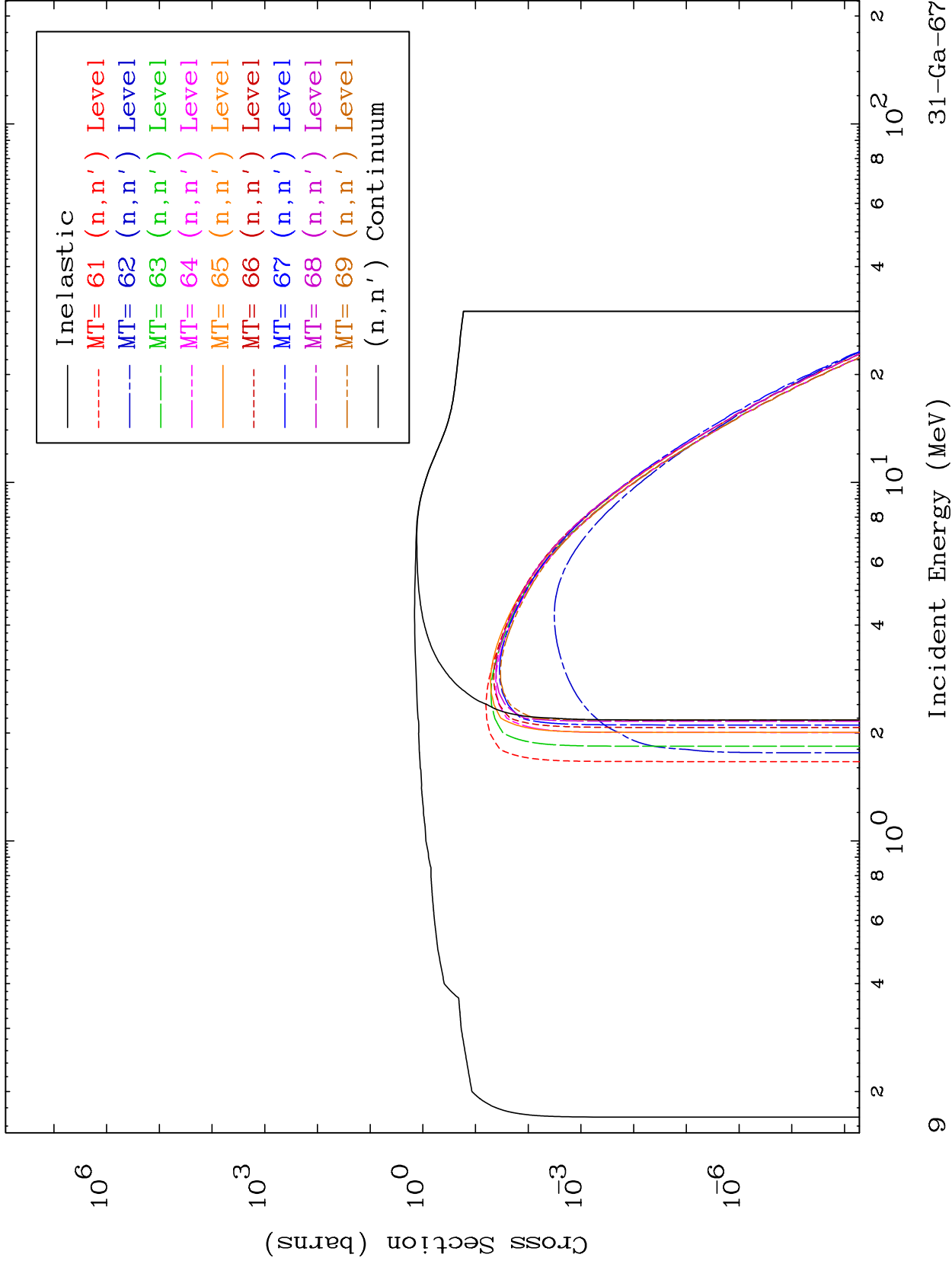
31-Ga-67







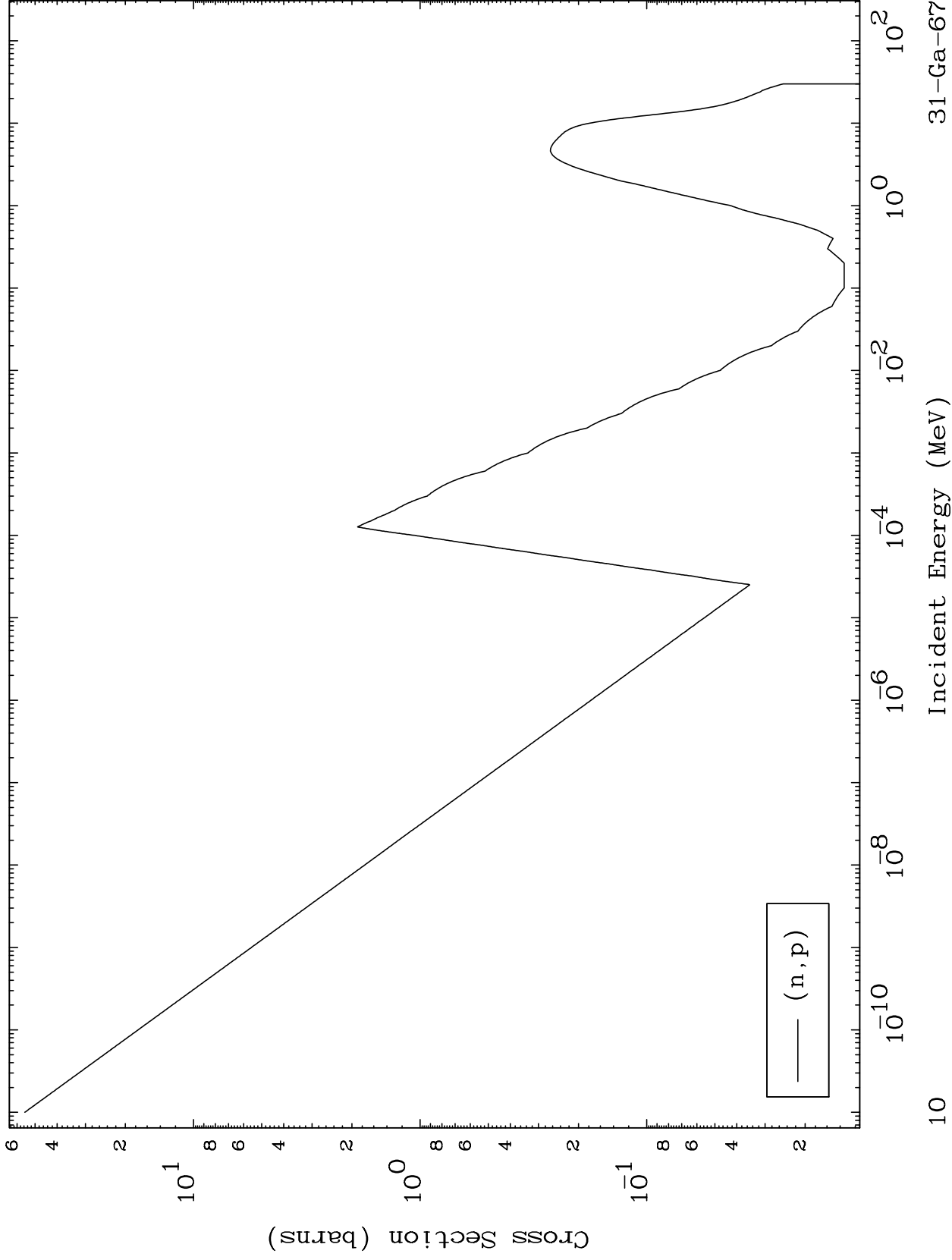
293 Kelvin Cross Sections



MAT 3119

(n,p) Levels
293 Kelvin Cross Sections

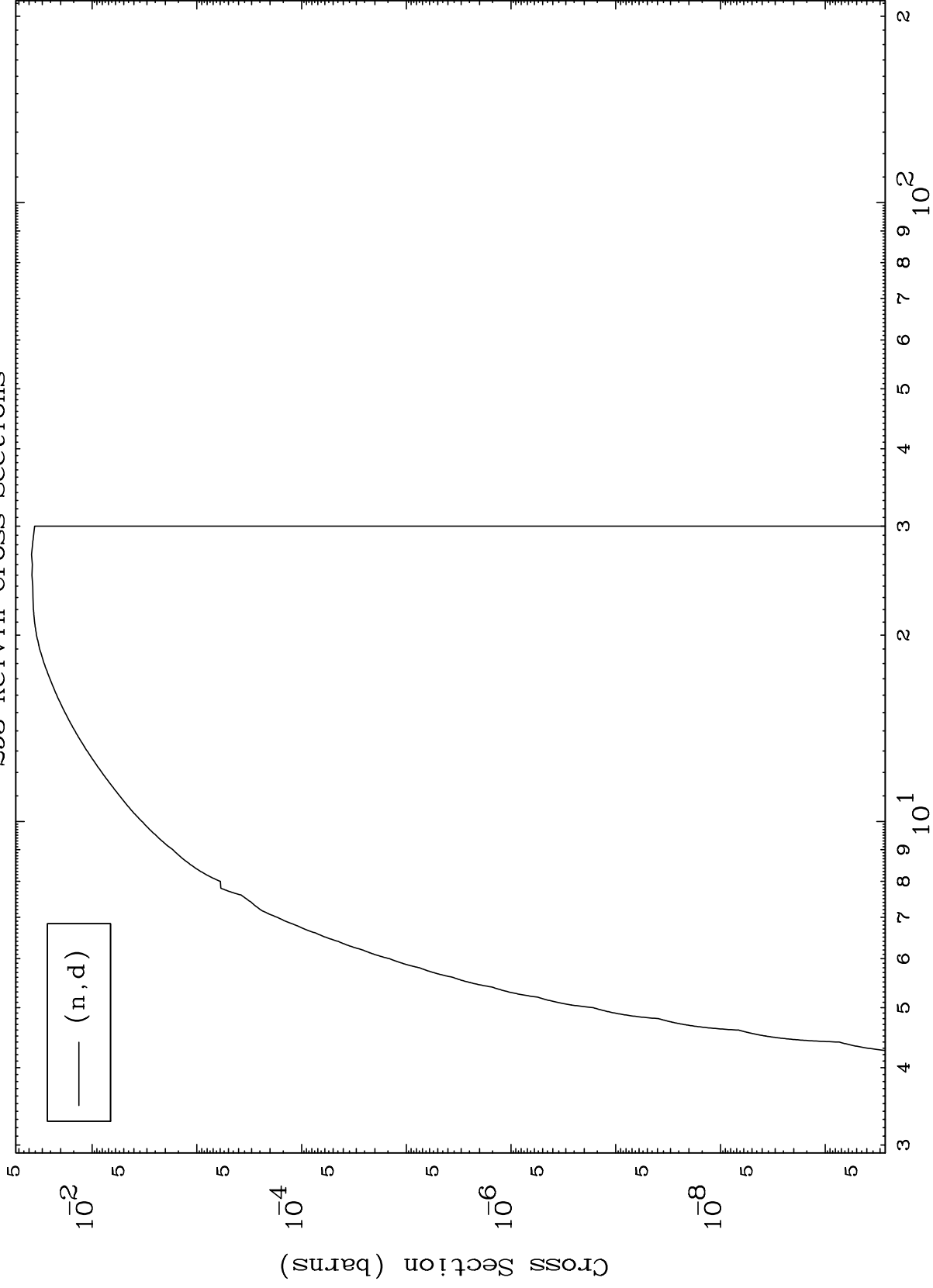
31-Ga-67



MAT 3119

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-67



(n,d)

Incident Energy (MeV)

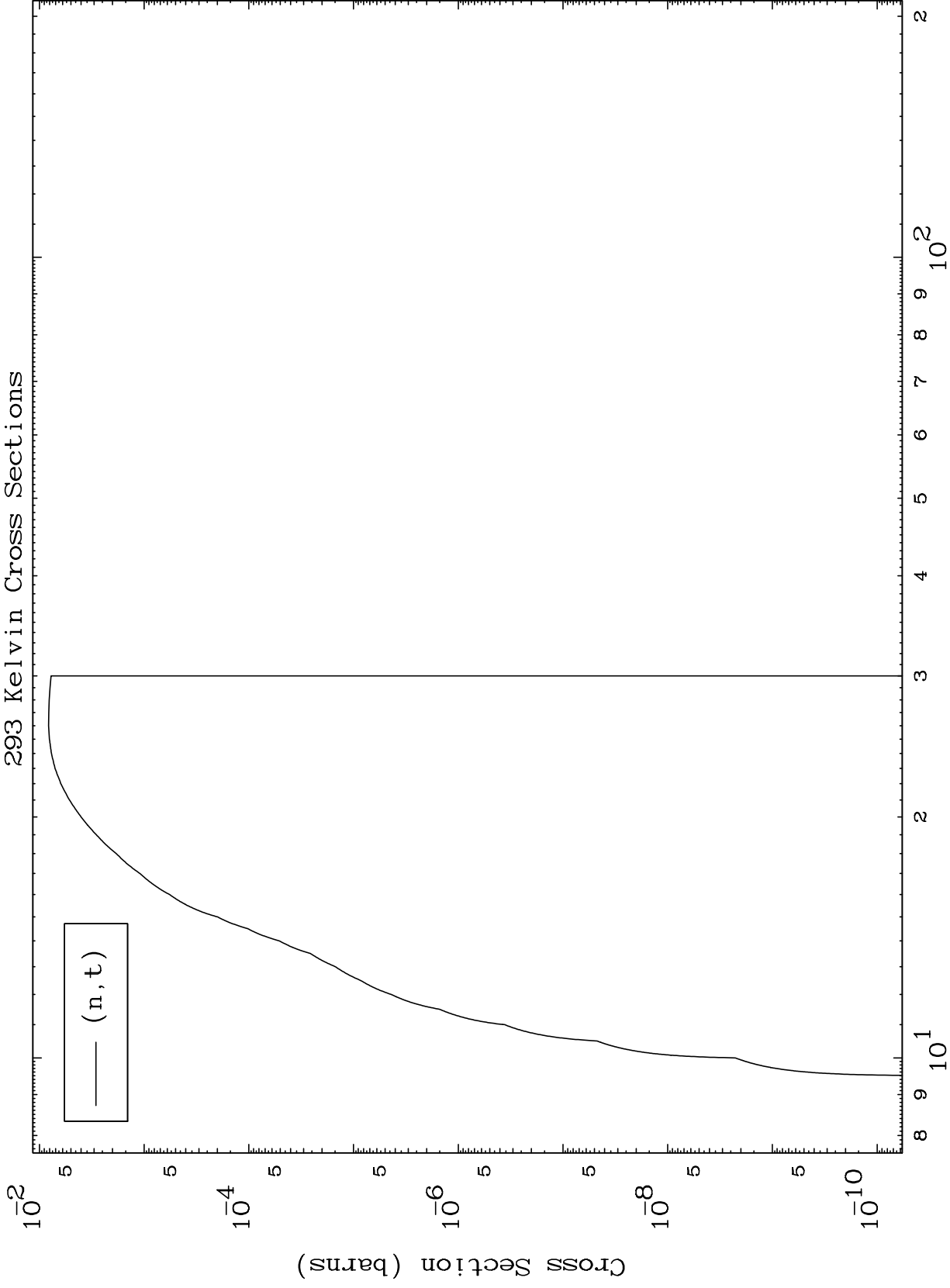
31-Ga-67

11

MAT 3119

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-67



12

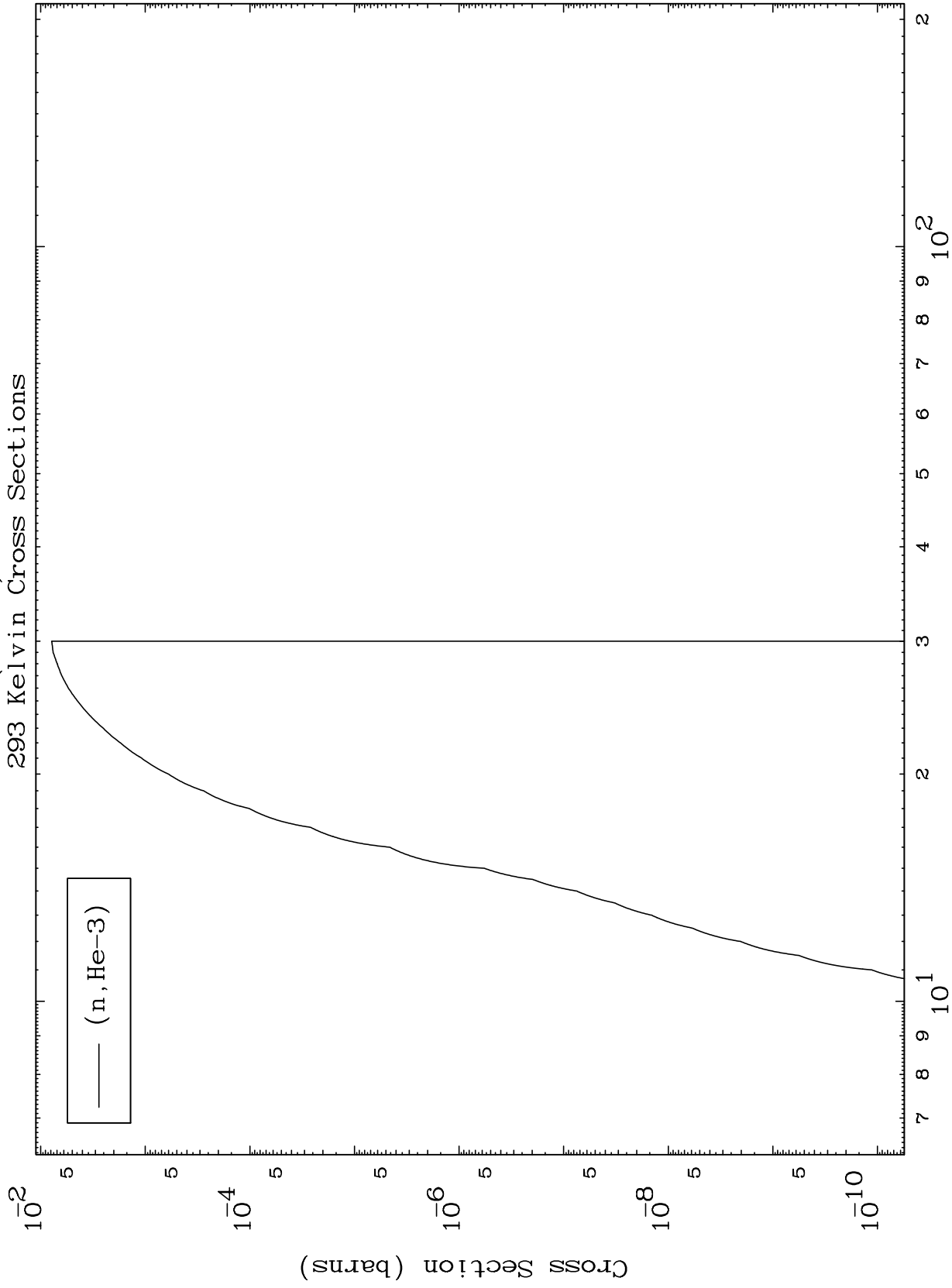
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-67



13

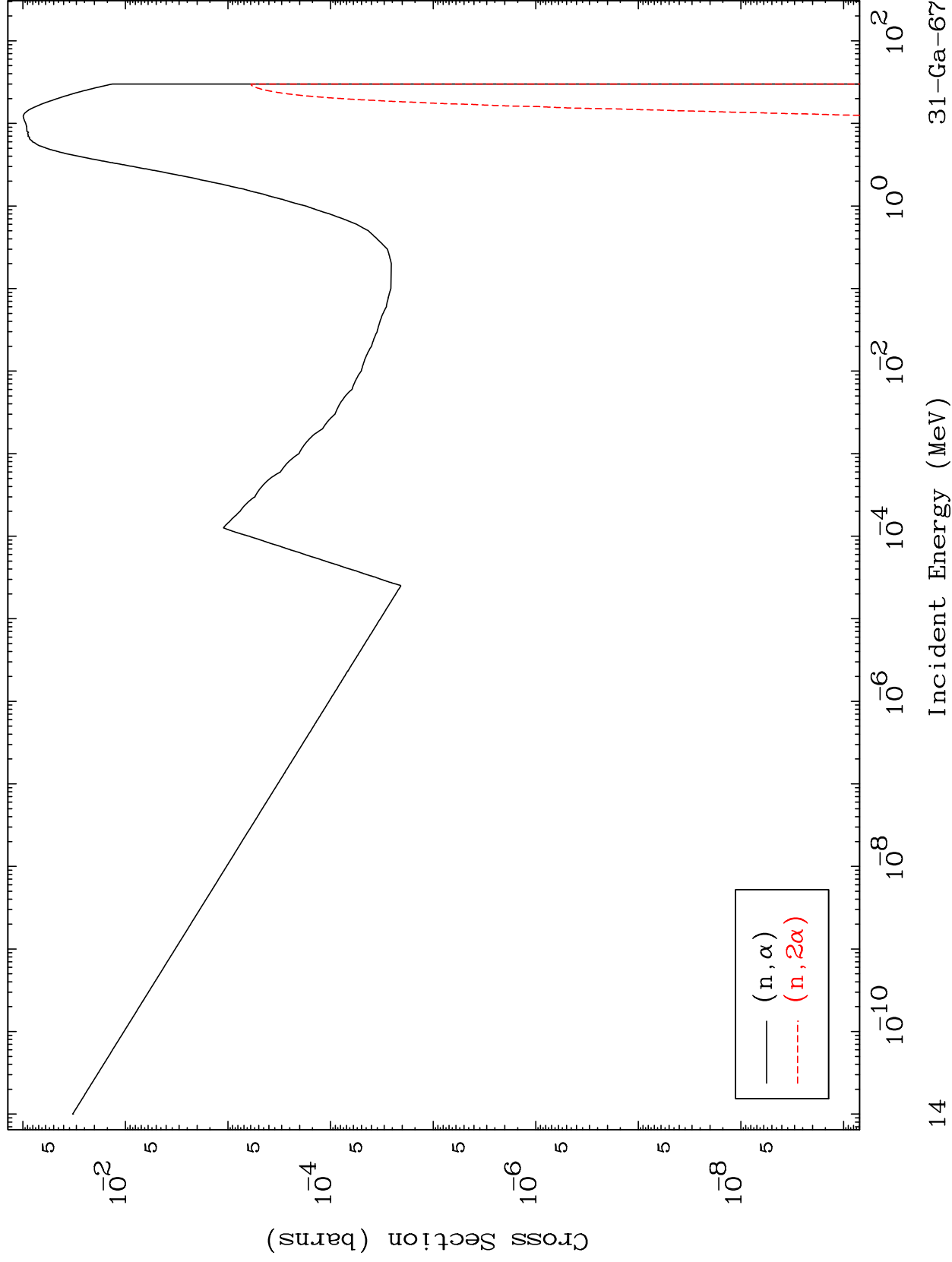
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,α) Levels
293 Kelvin Cross Sections

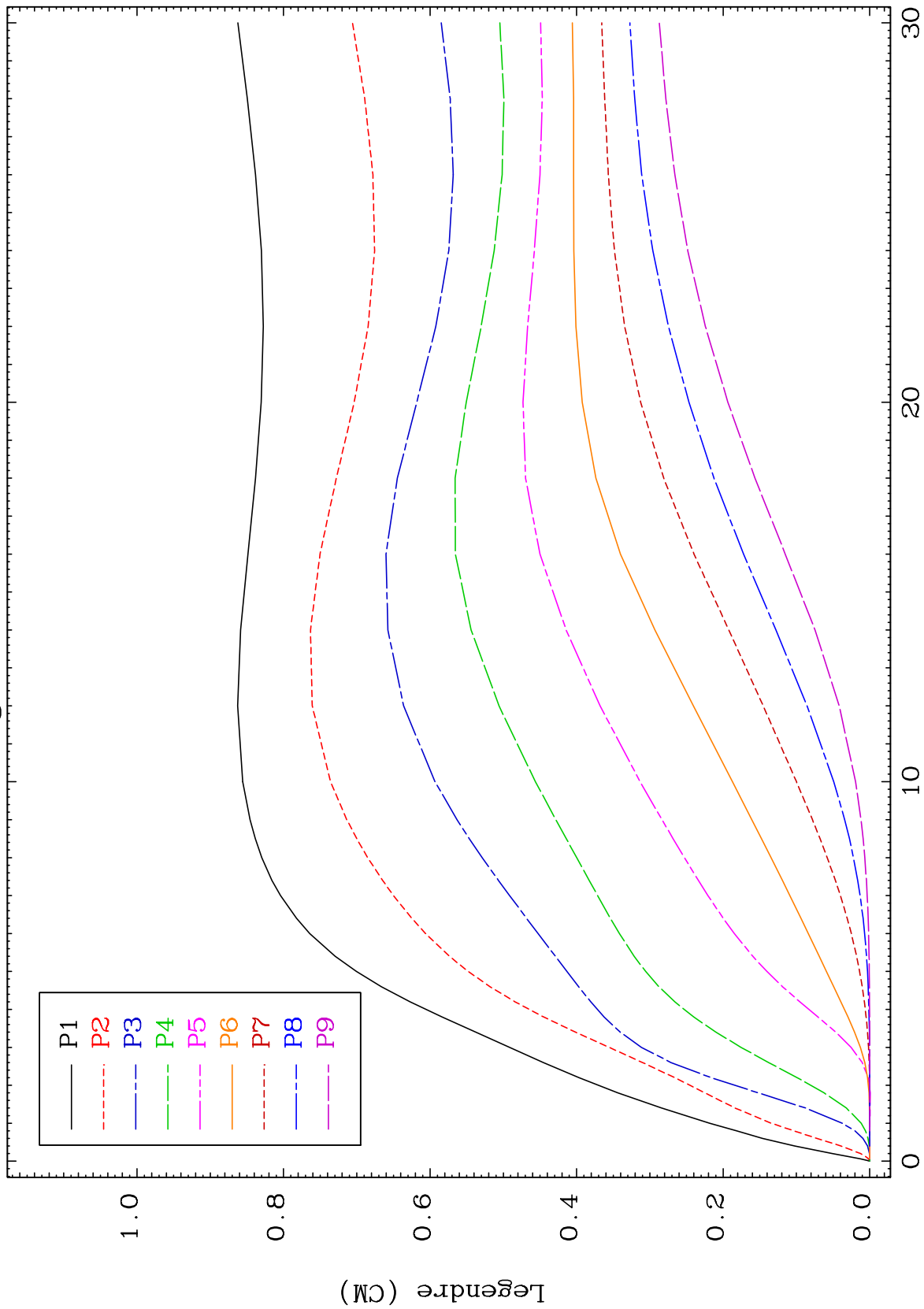
31-Ga-67



MAT 3119

Elastic Legendre Coefficients

31-Ga-67



15

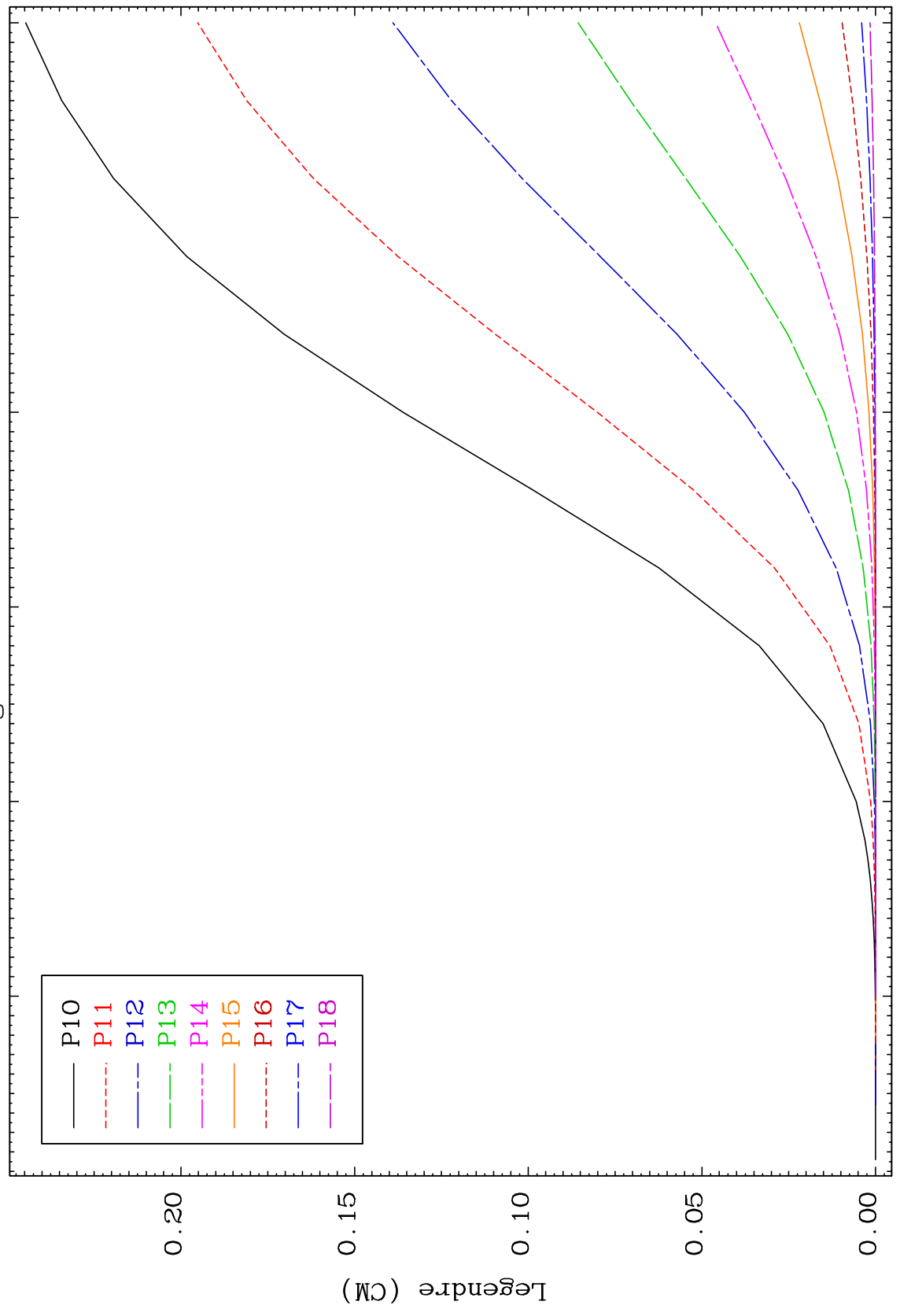
Incident Energy (MeV)

31-Ga-67

MAT 3119

Elastic Legendre Coefficients

31-Ga-67



16

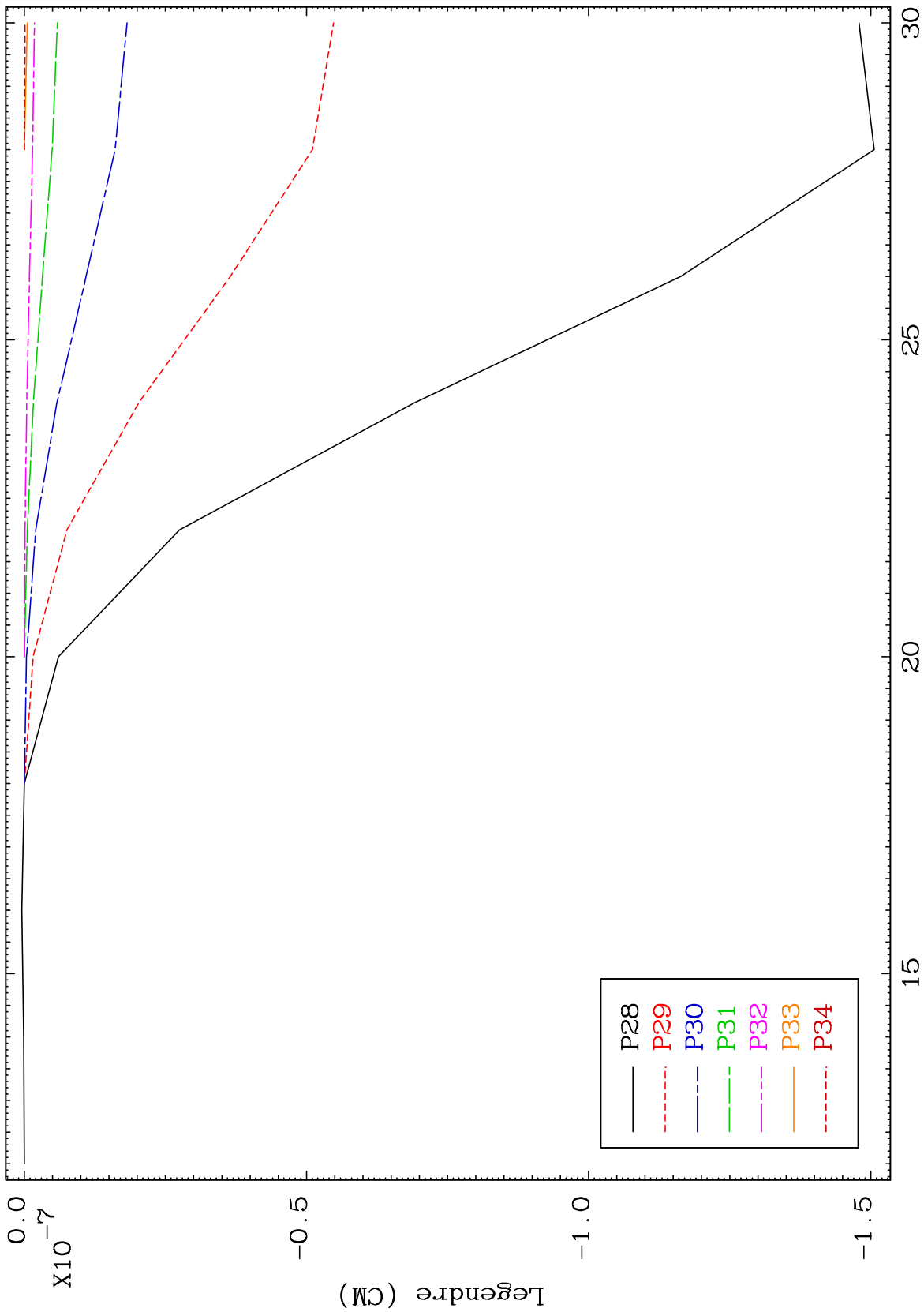
Incident Energy (MeV)

31-Ga-67

MAT 3119

31-Ga-67

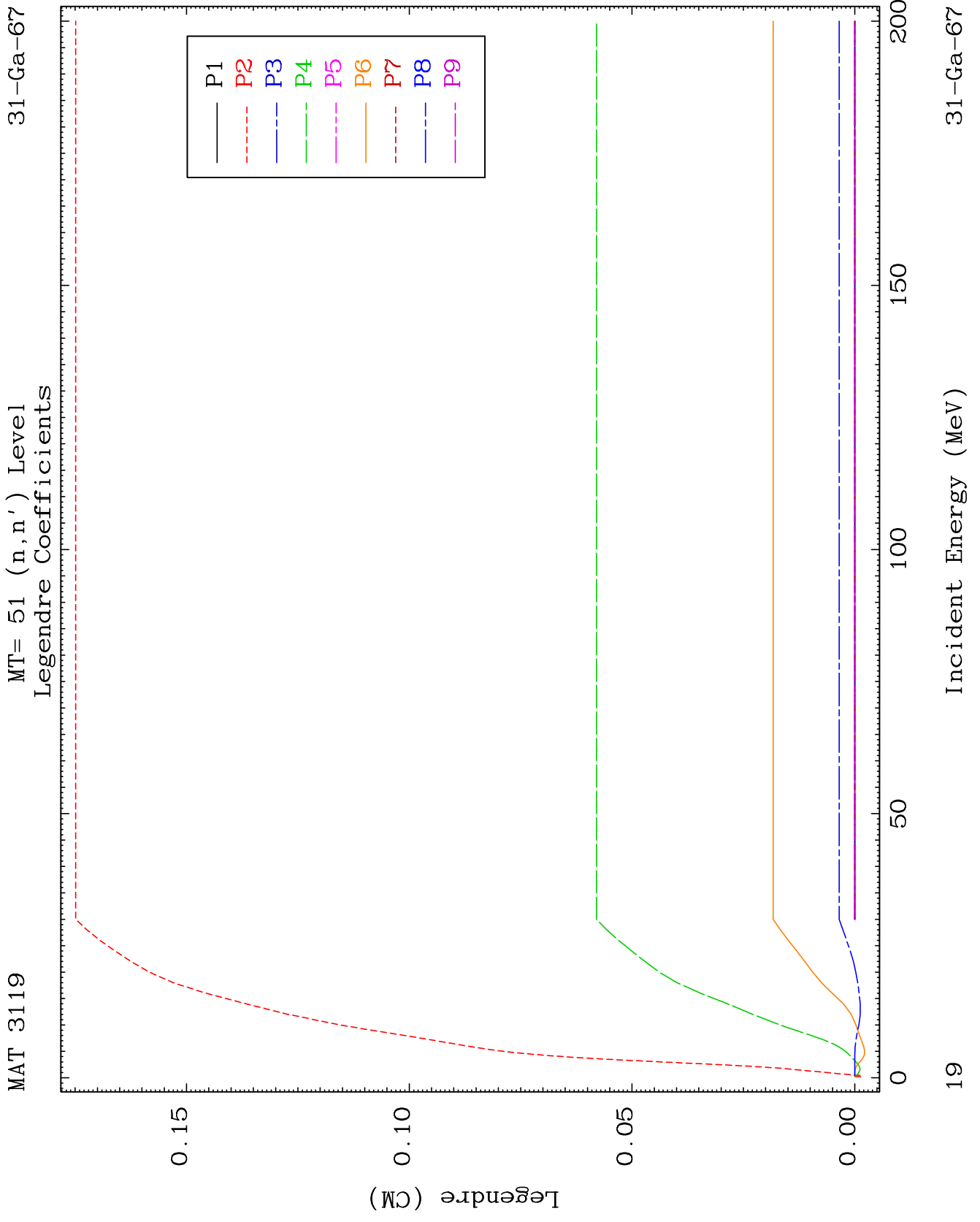
Elastic Legendre Coefficients



18

Incident Energy (MeV)

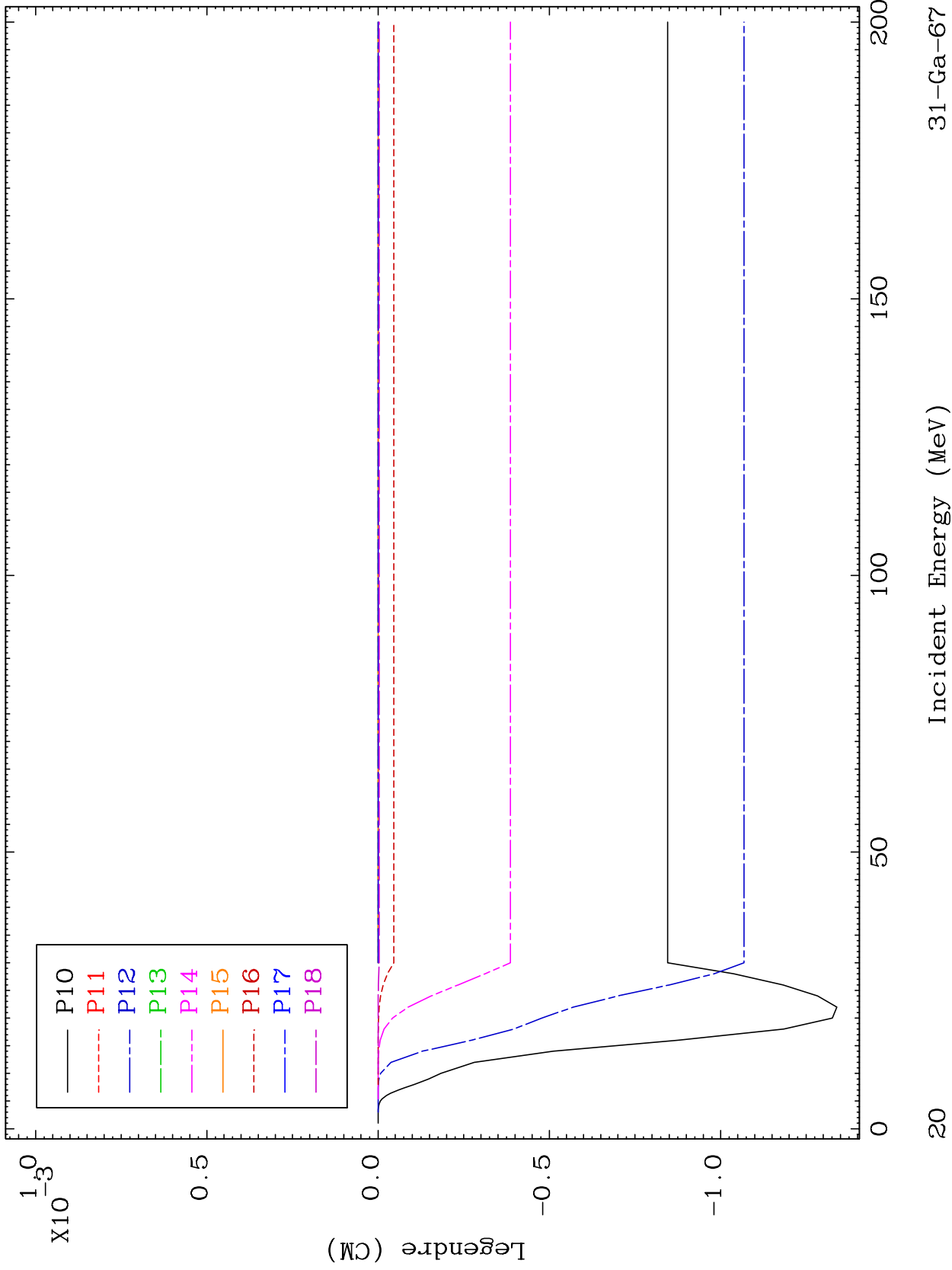
31-Ga-67



MAT 3119

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

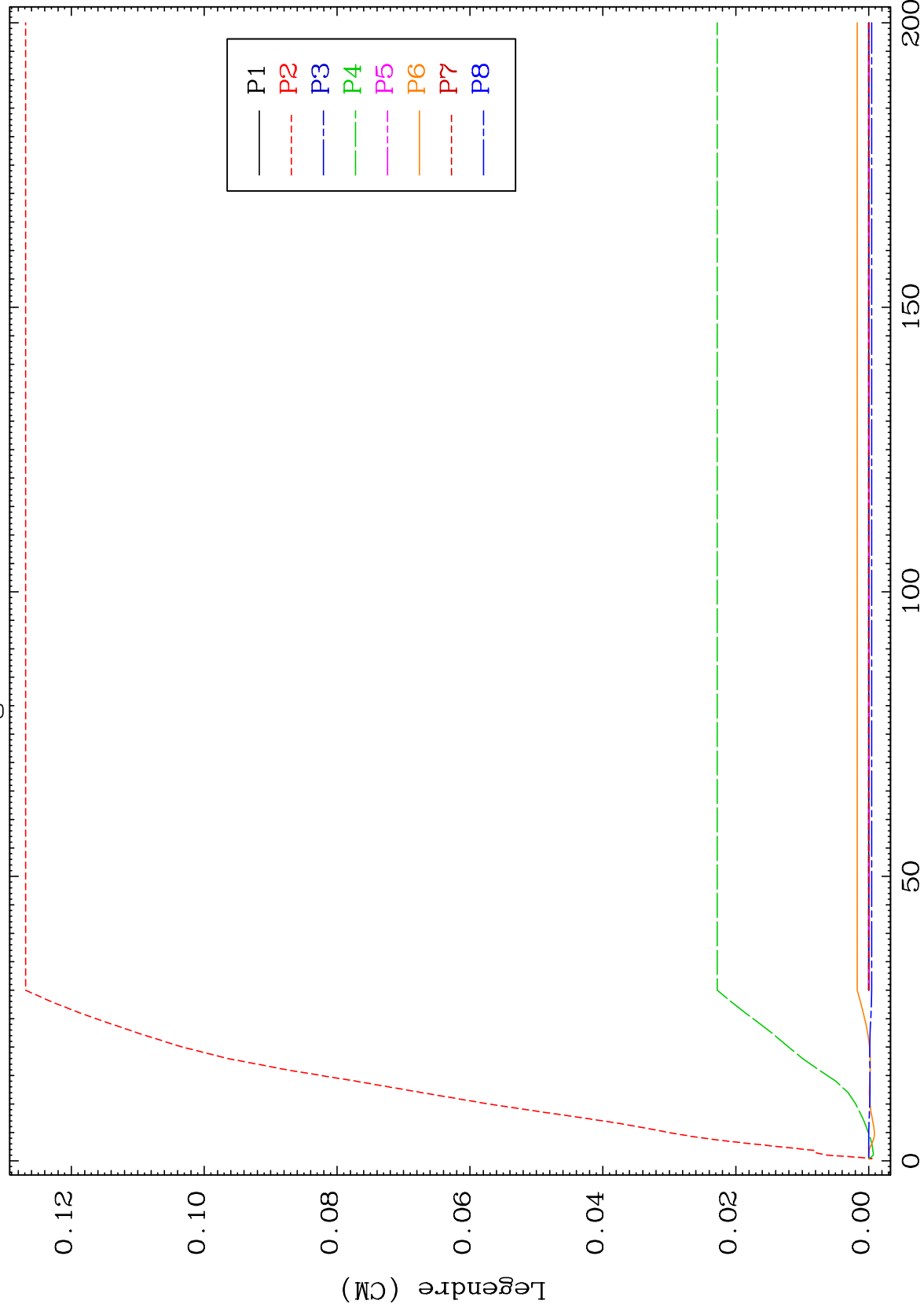
31-Ga-67



MAT 3119

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

31-Ga-67



22

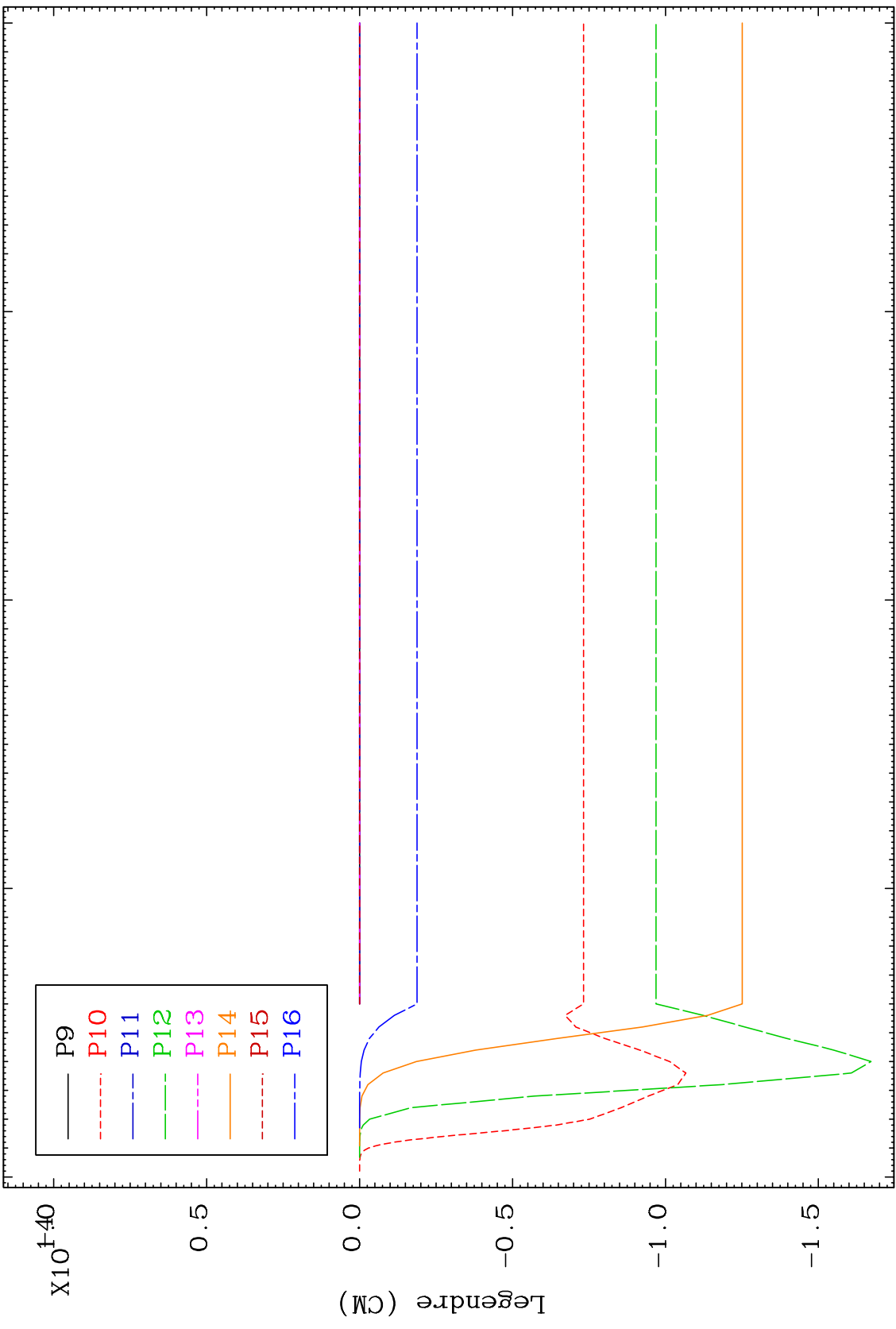
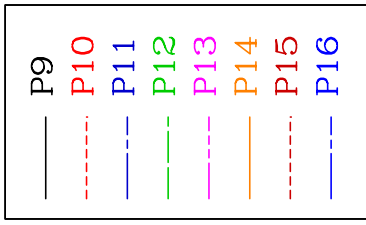
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

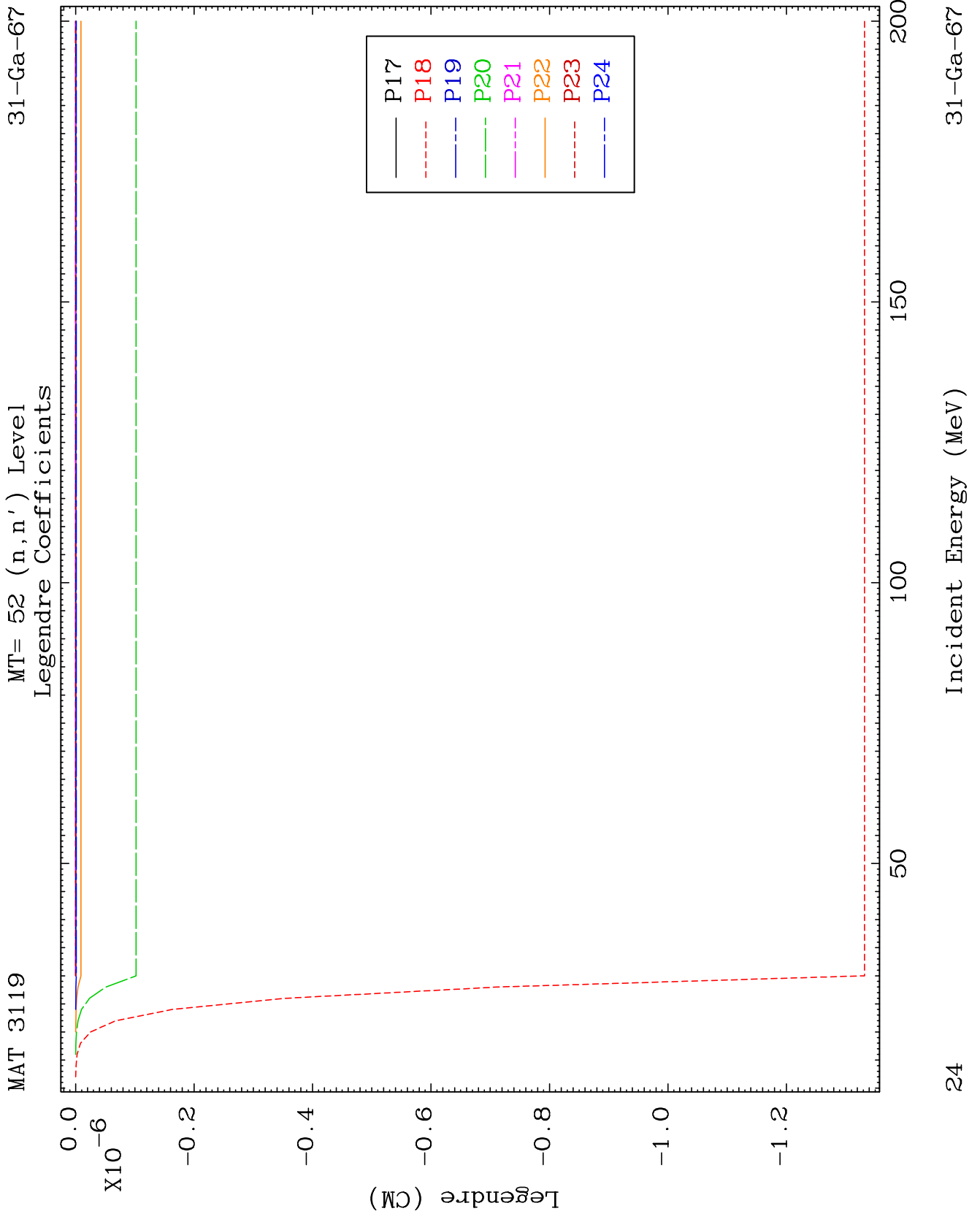
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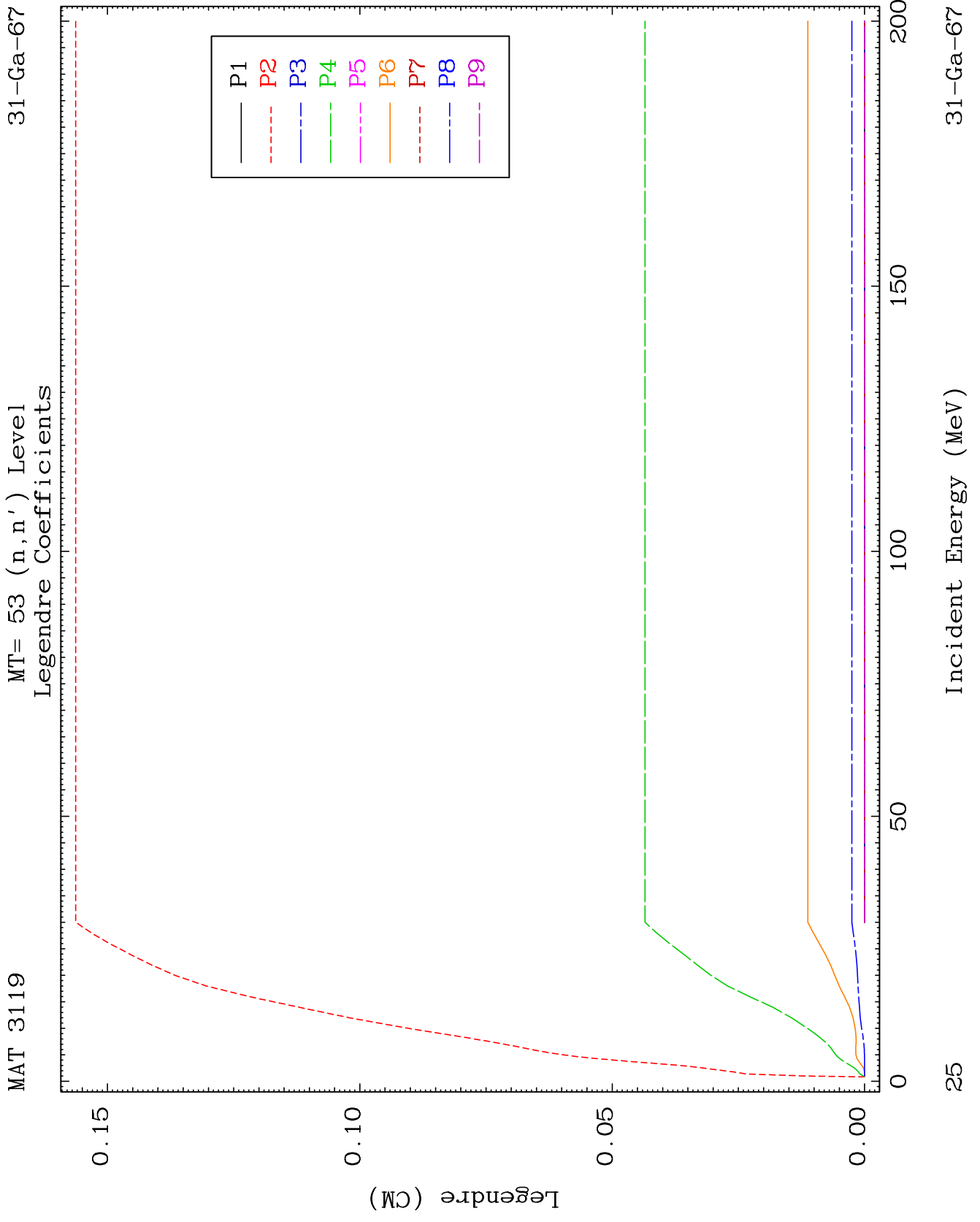


23

Incident Energy (MeV)

31-Ga-67

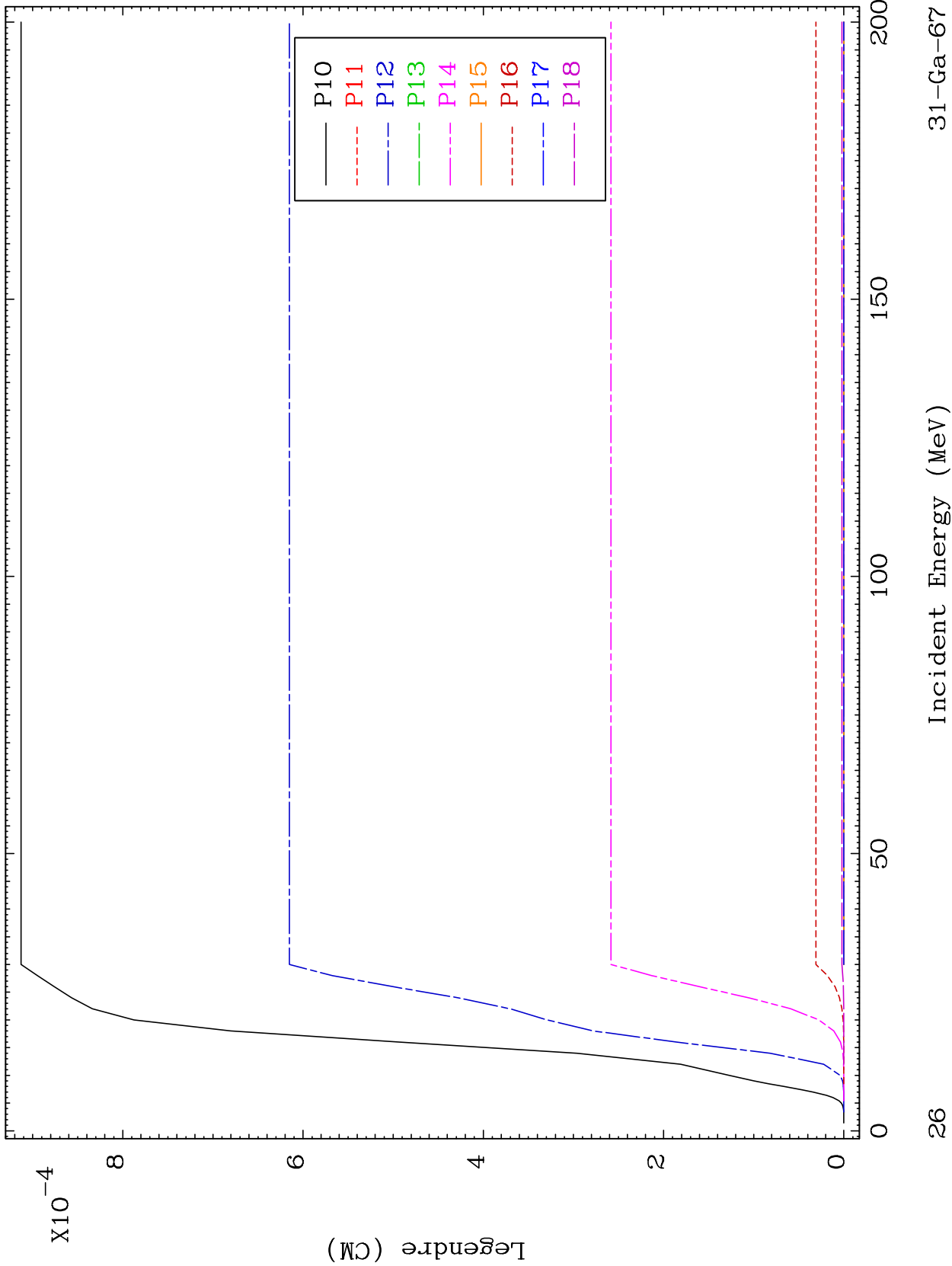




MAT 3119

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

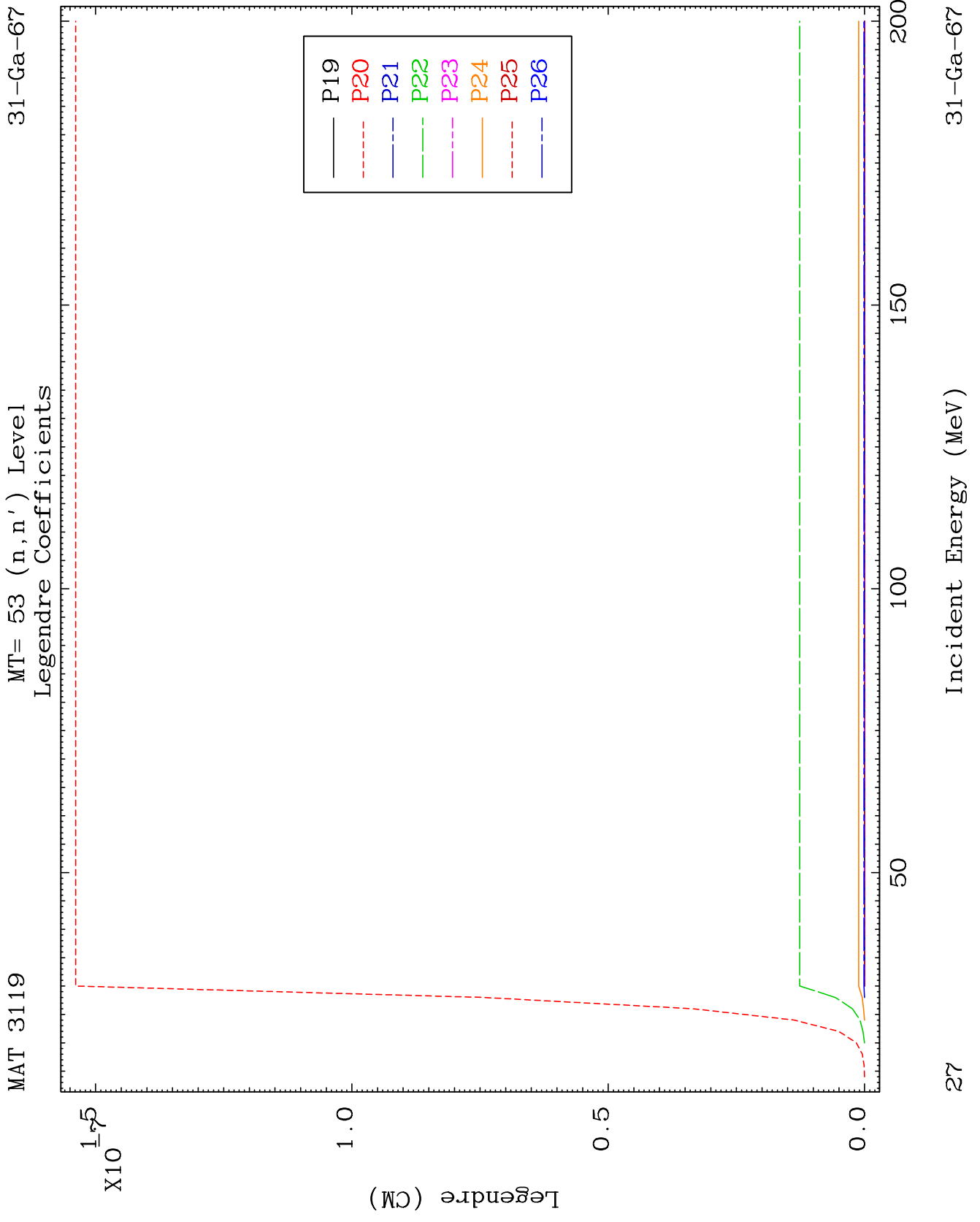
31-Ga-67



26

Incident Energy (MeV)

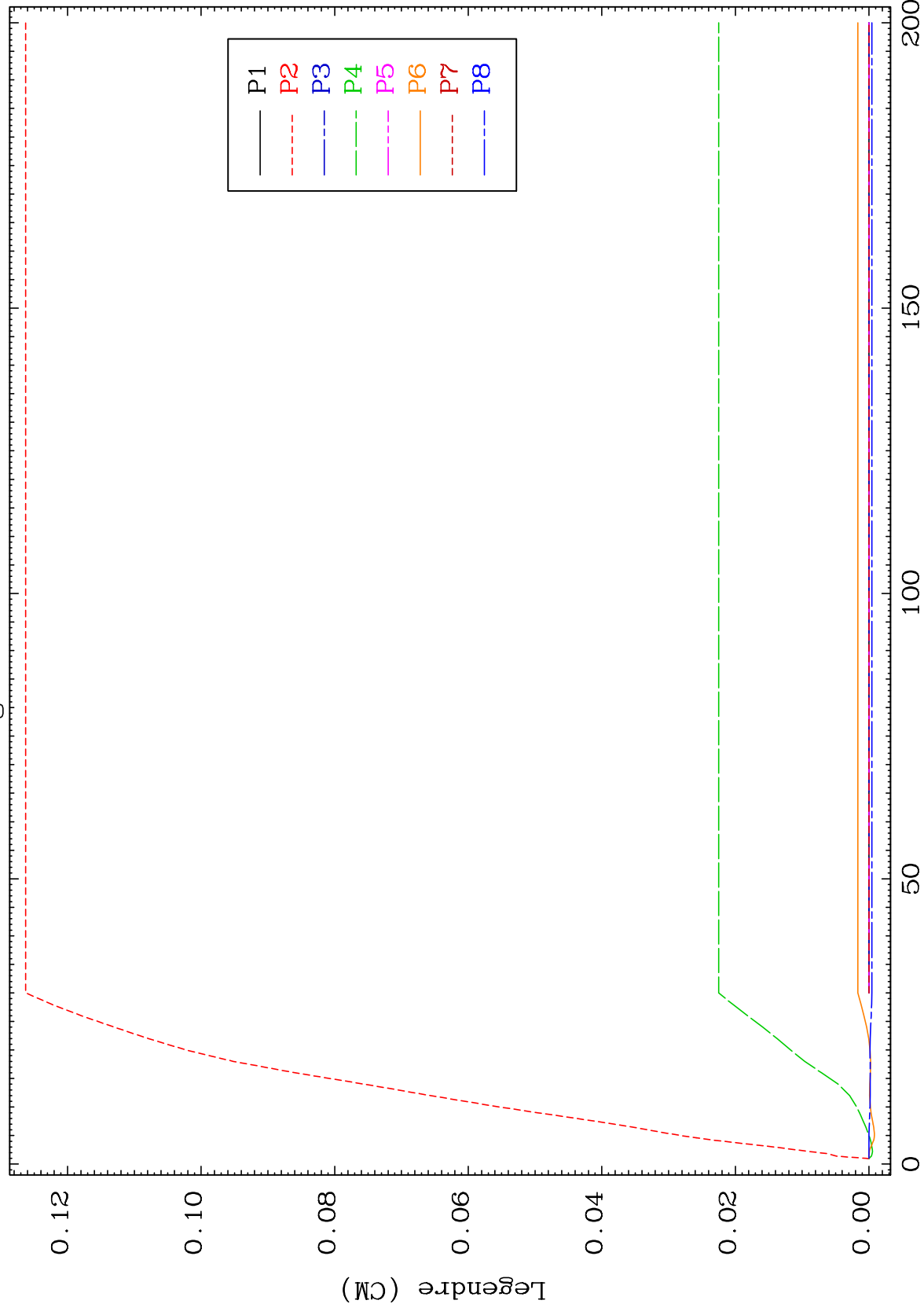
31-Ga-67



MAT 3119

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

31-Ga-67



31-Ga-67

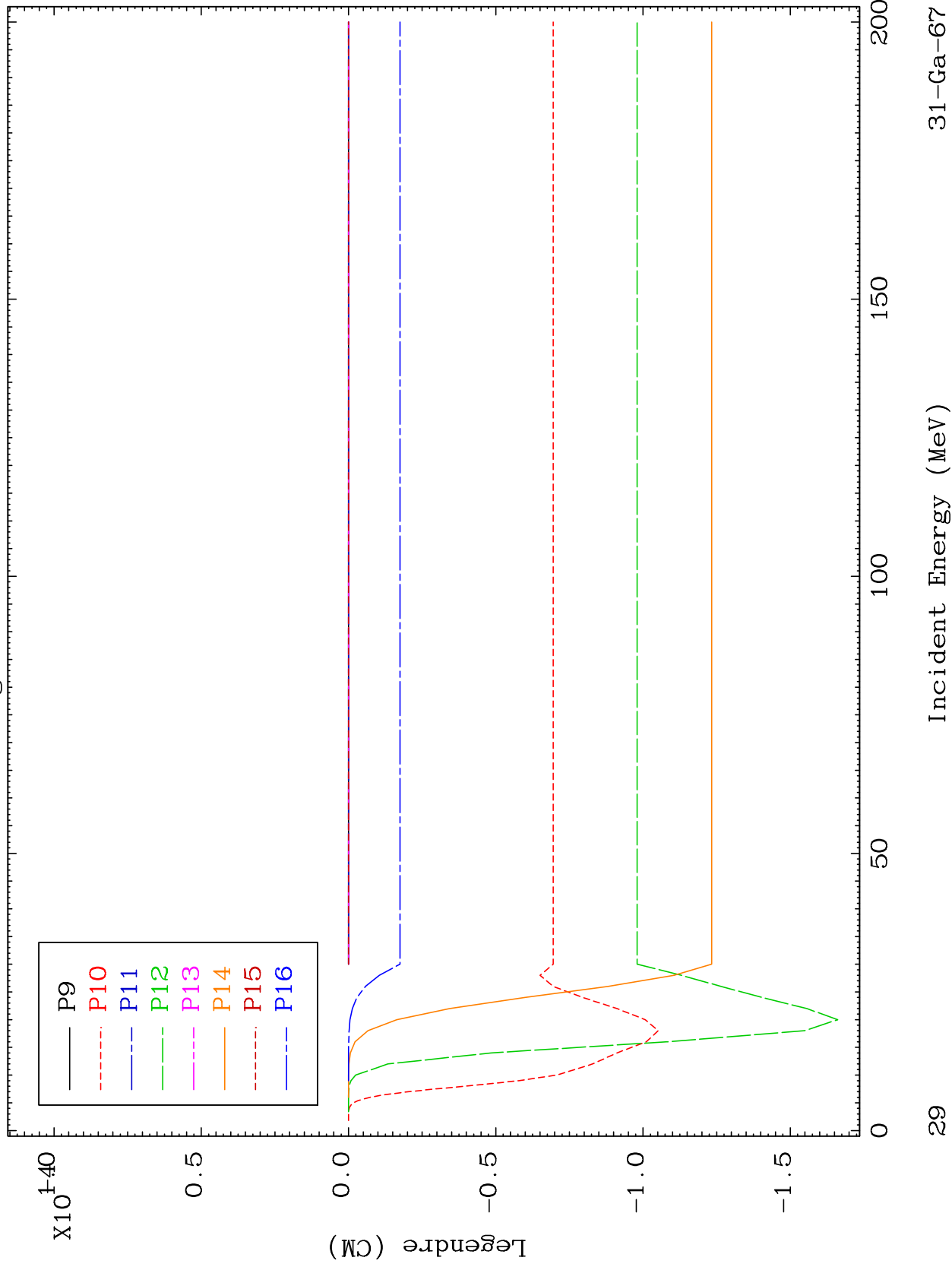
Incident Energy (MeV)

28

MAT 3119

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

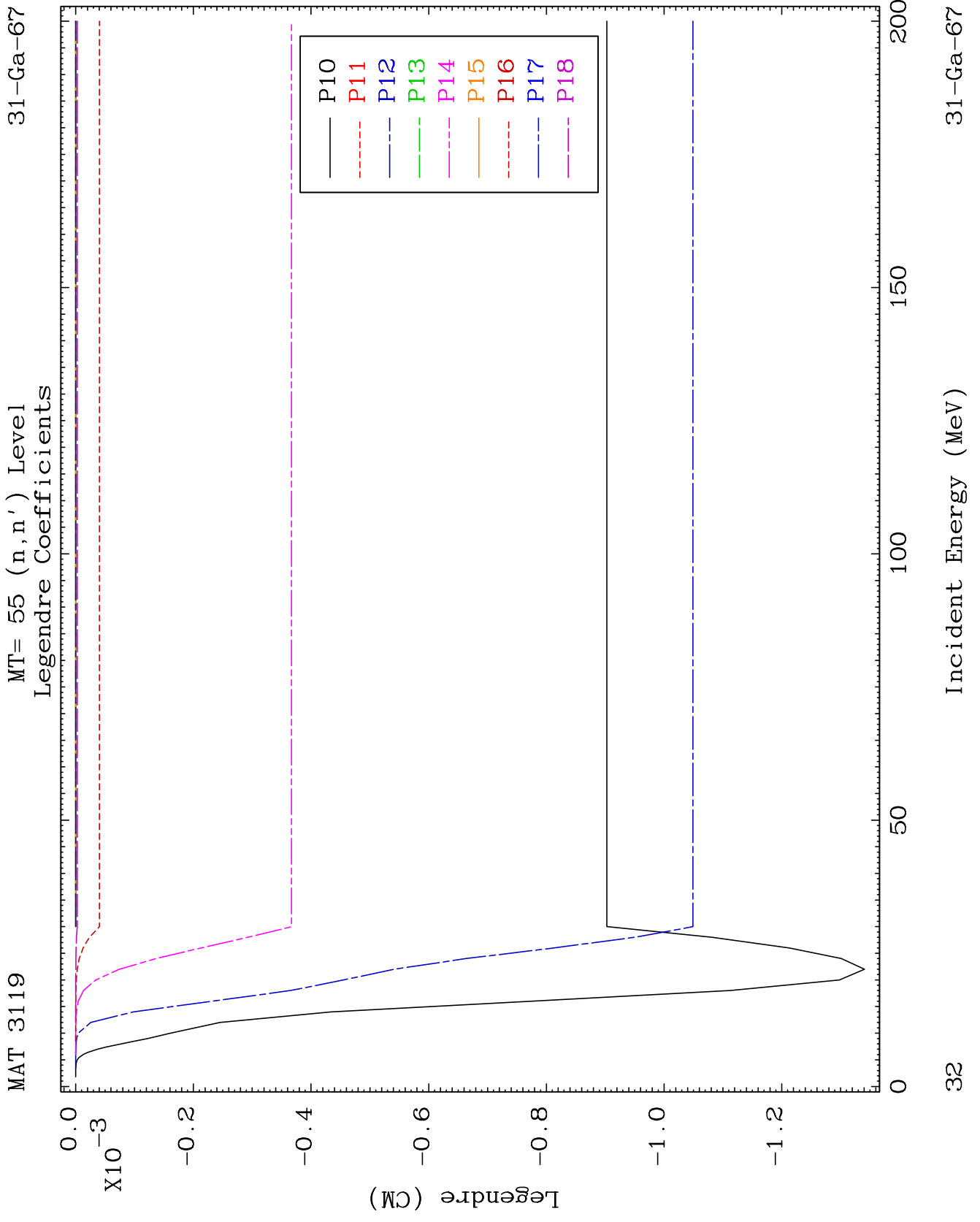
31-Ga-67

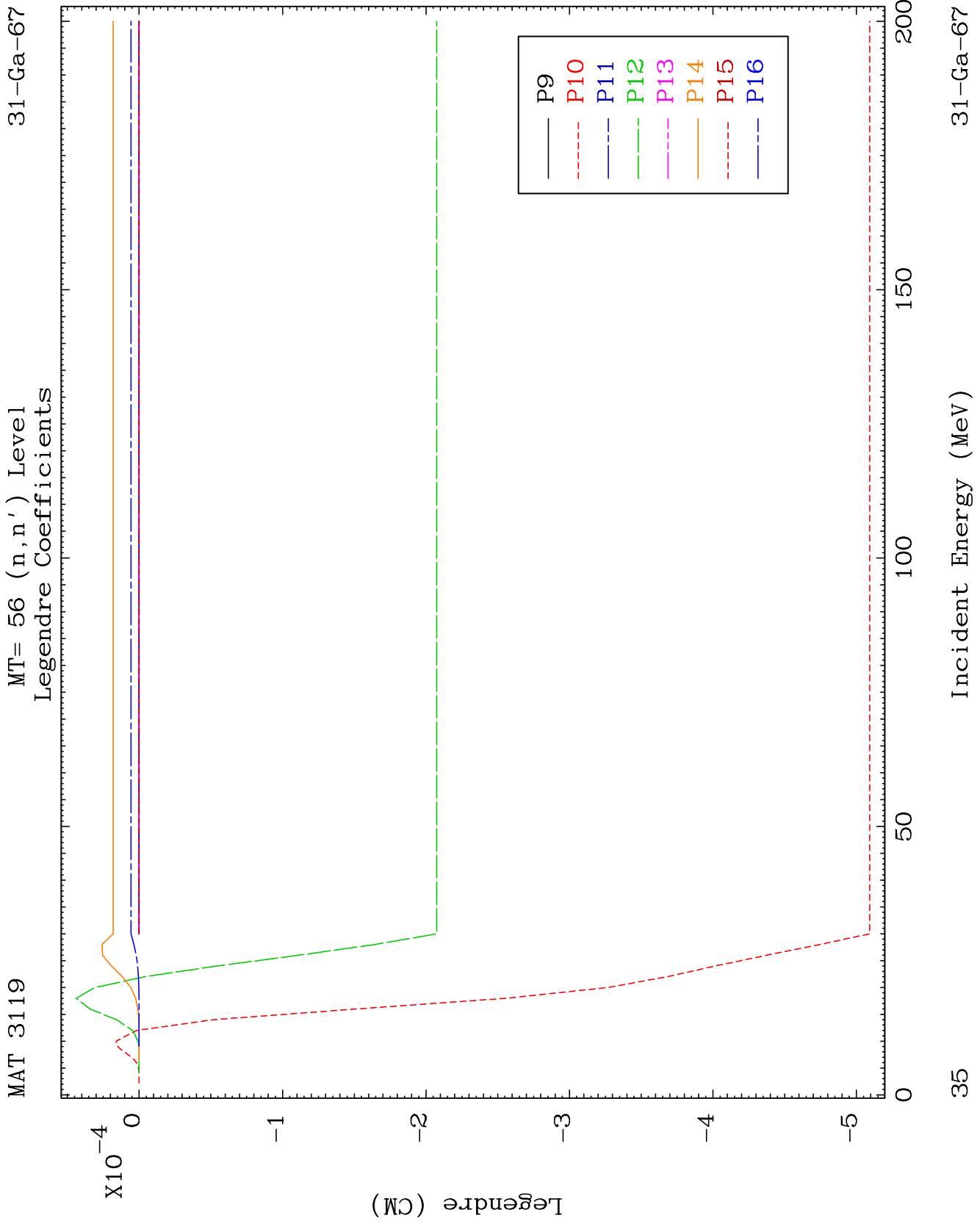


29

Incident Energy (MeV)

31-Ga-67

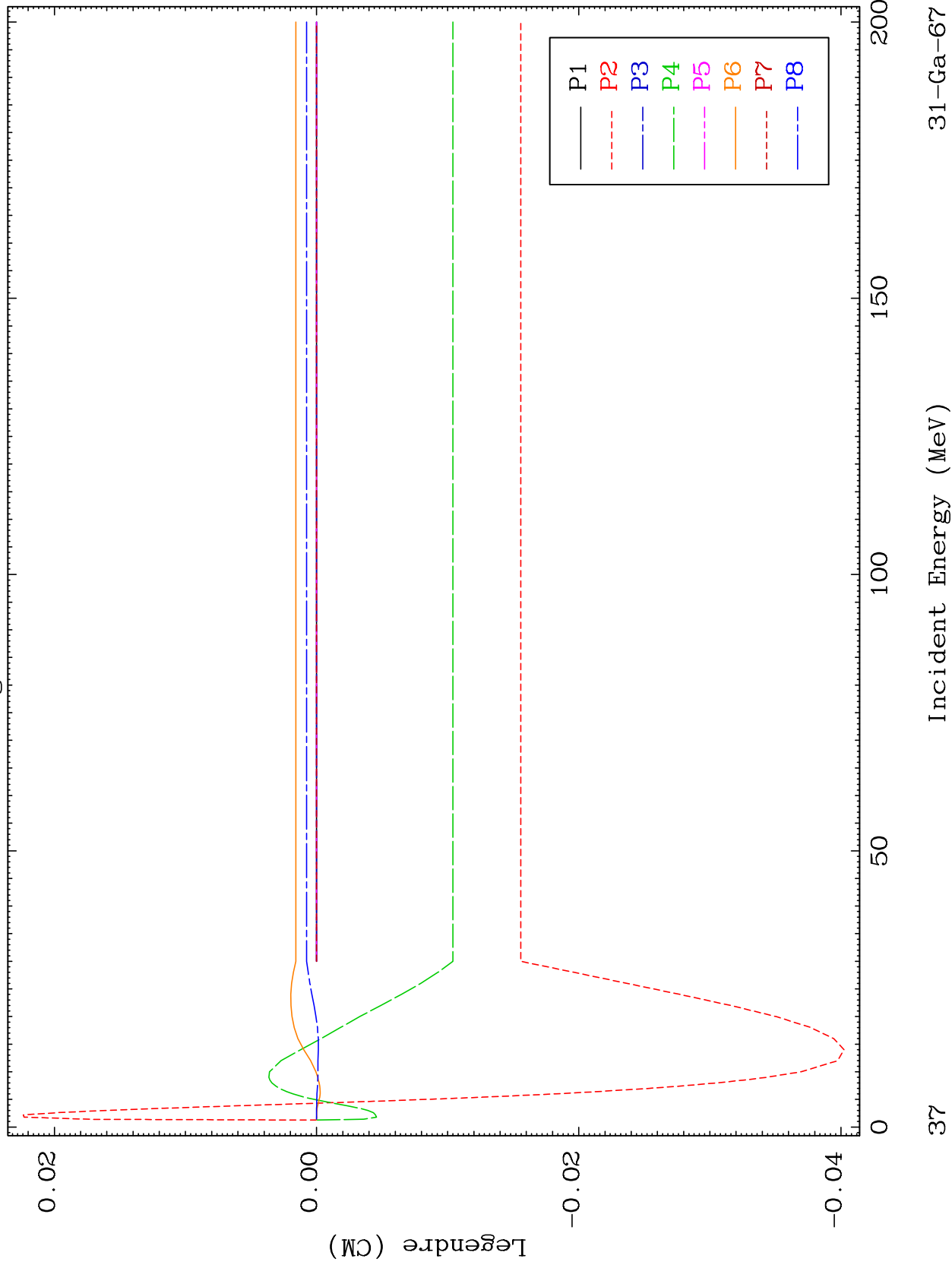




MAT 3119

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

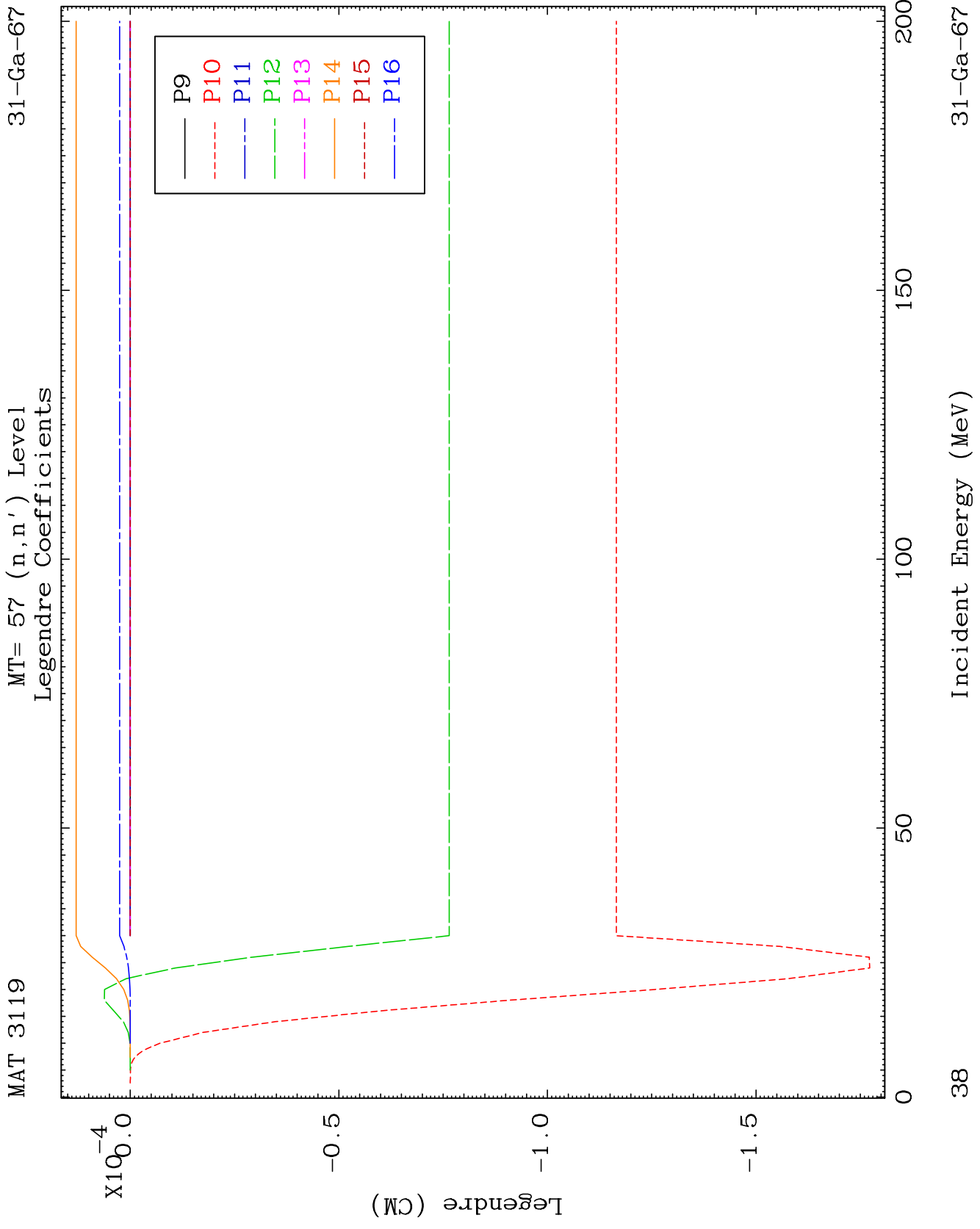
31-Ga-67



31-Ga-67

Incident Energy (MeV)

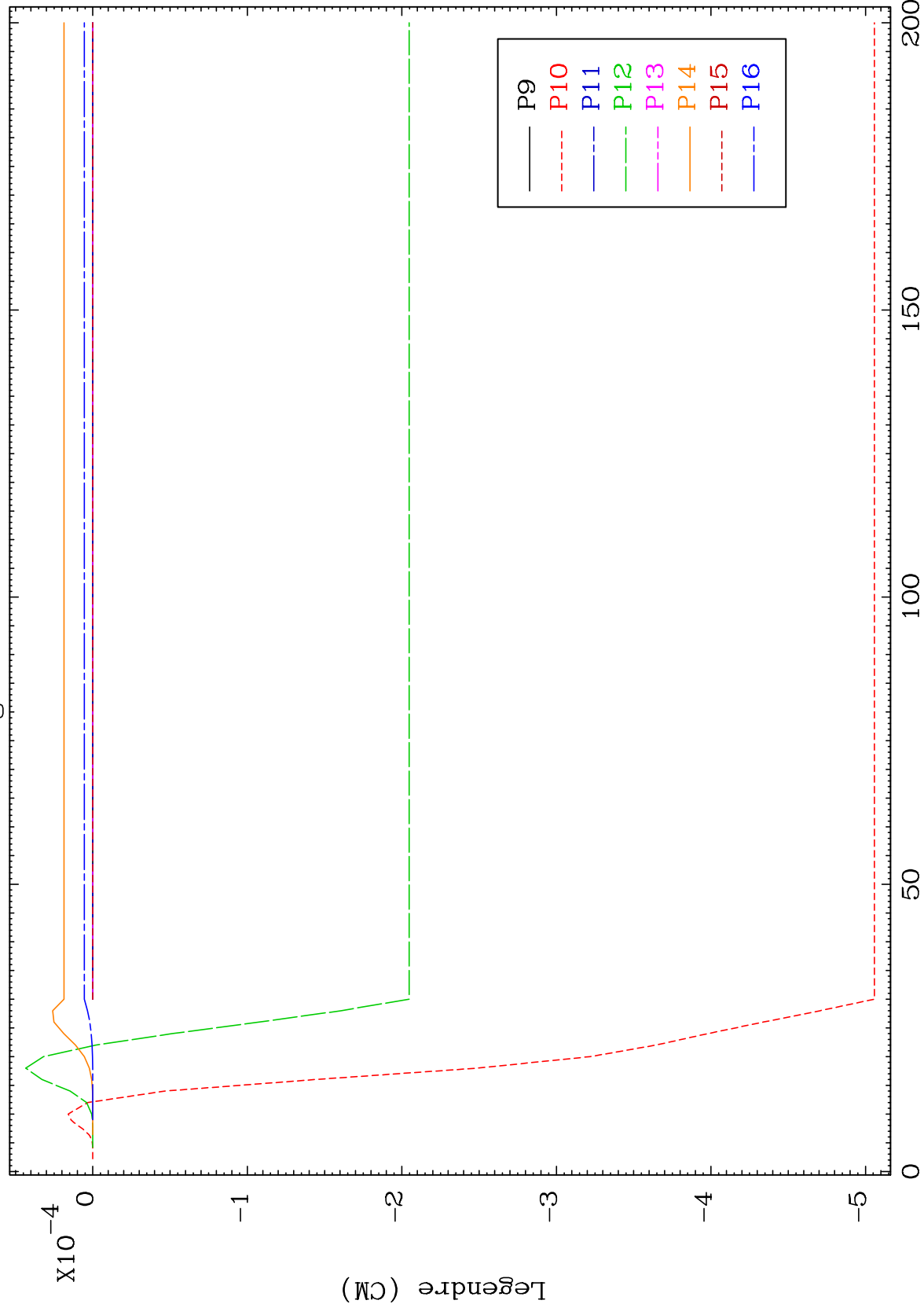
37



MAT 3119

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

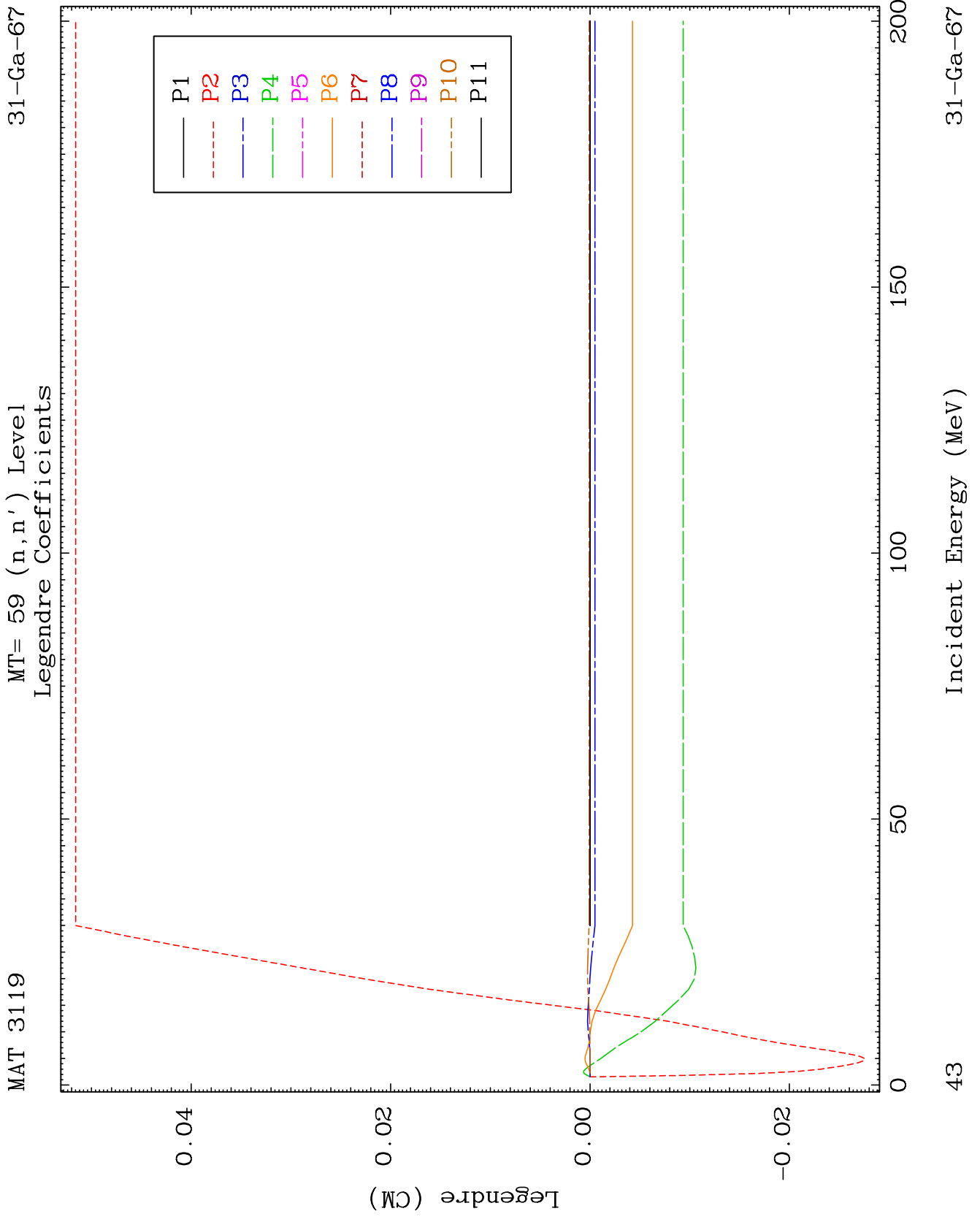
31-Ga-67



41

Incident Energy (MeV)

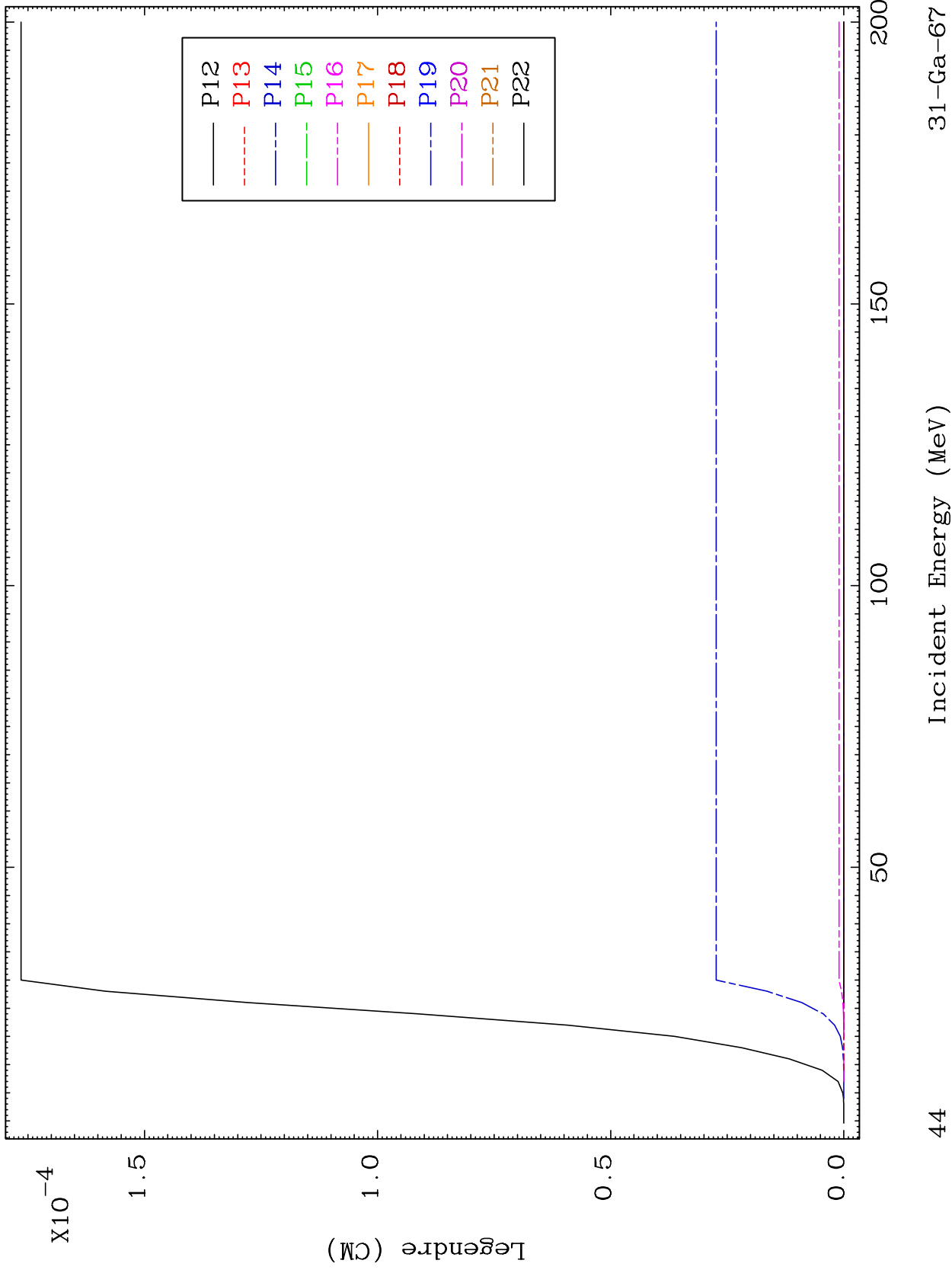
31-Ga-67



MAT 3119

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

31-Ga-67



44

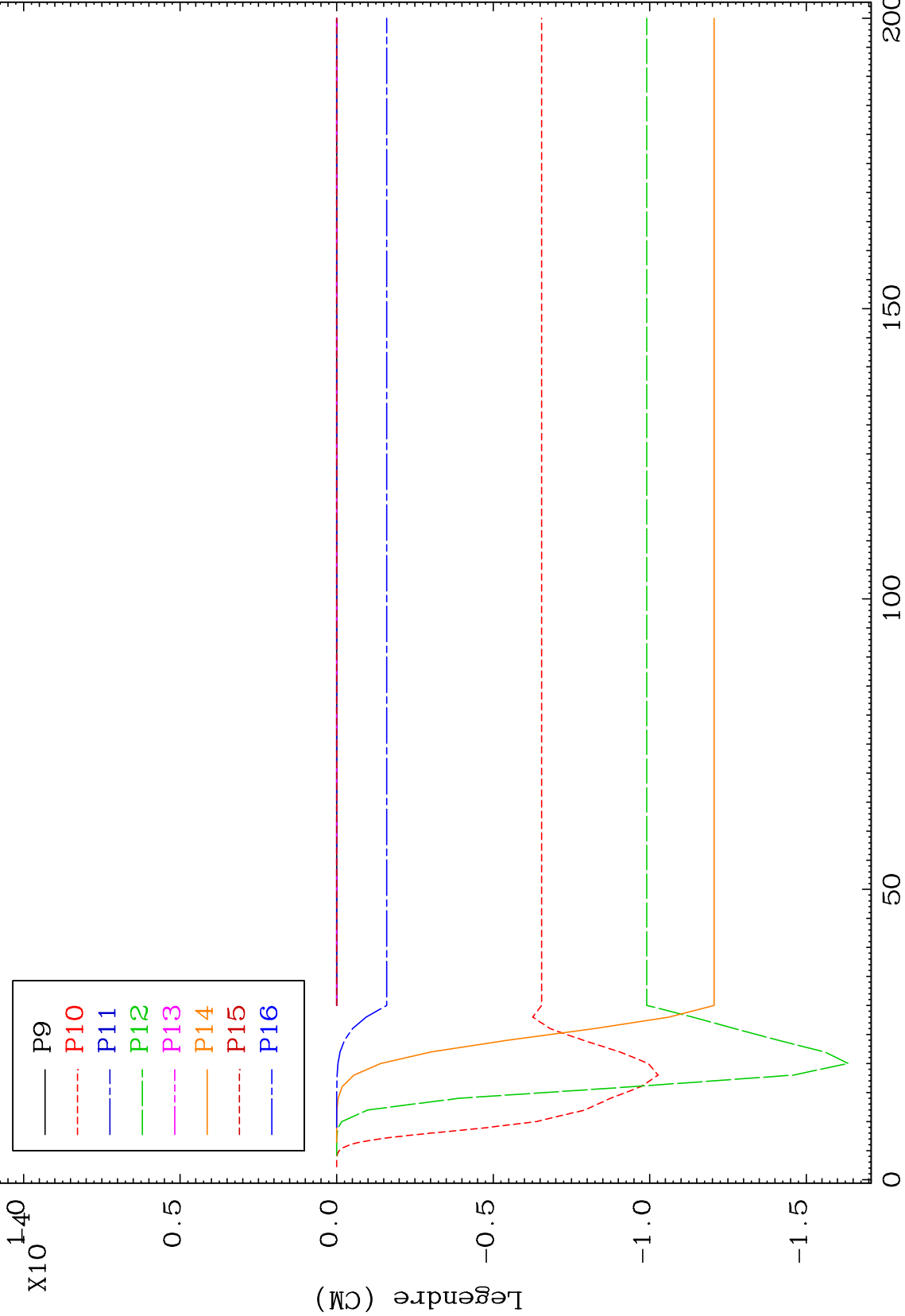
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

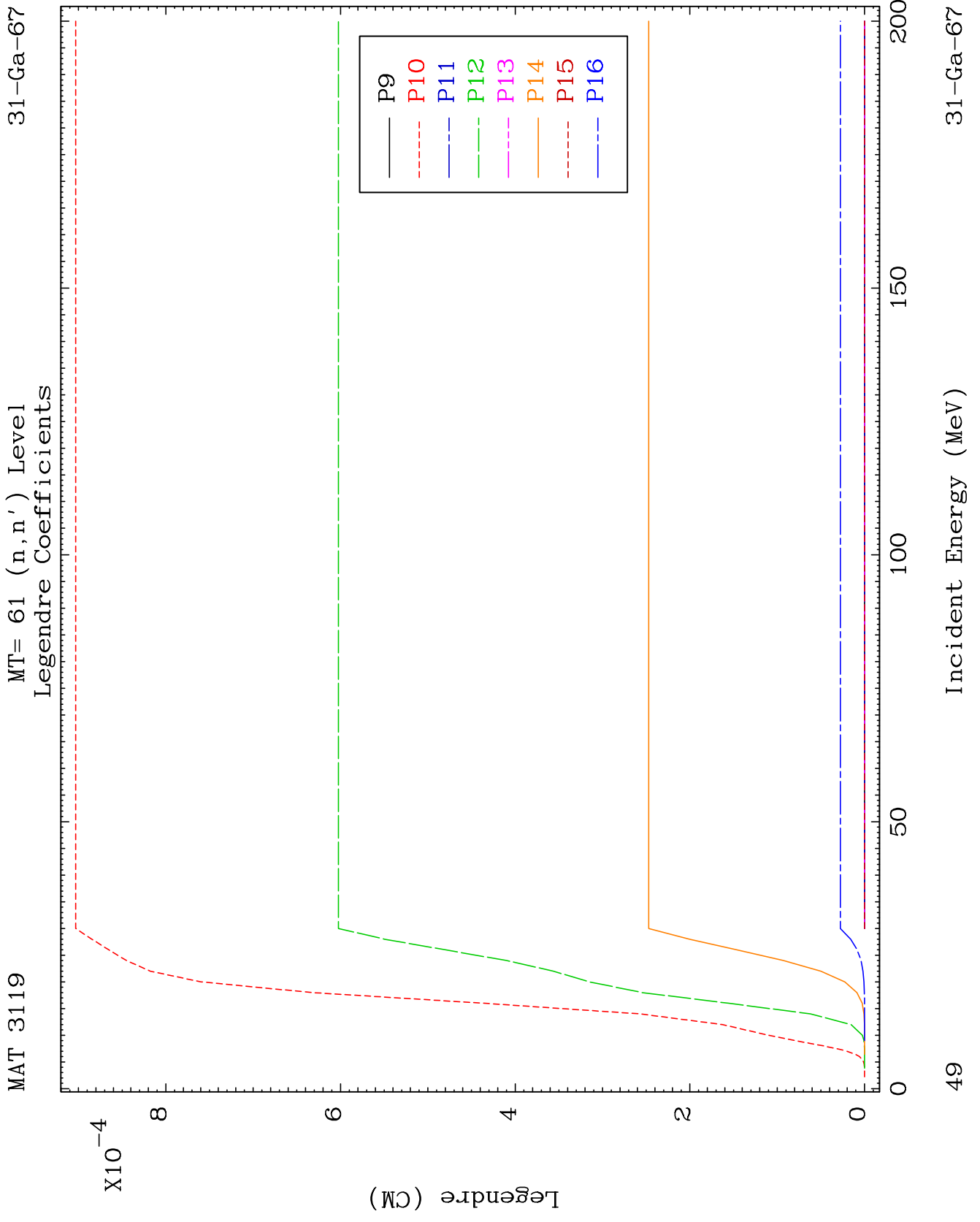
31-Ga-67



46

31-Ga-67

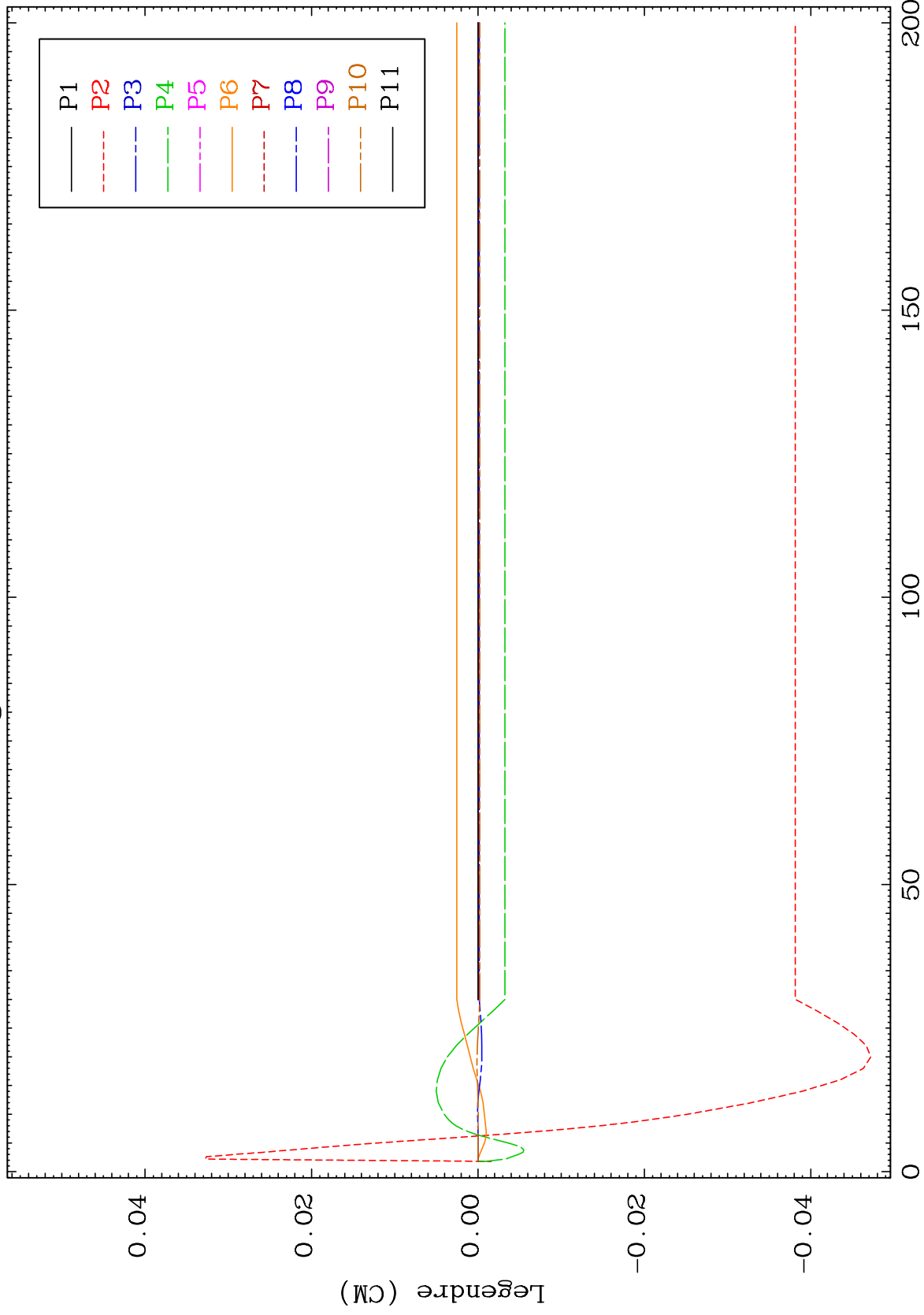
31-Ga-67



MAT 3119

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

31-Ga-67



51

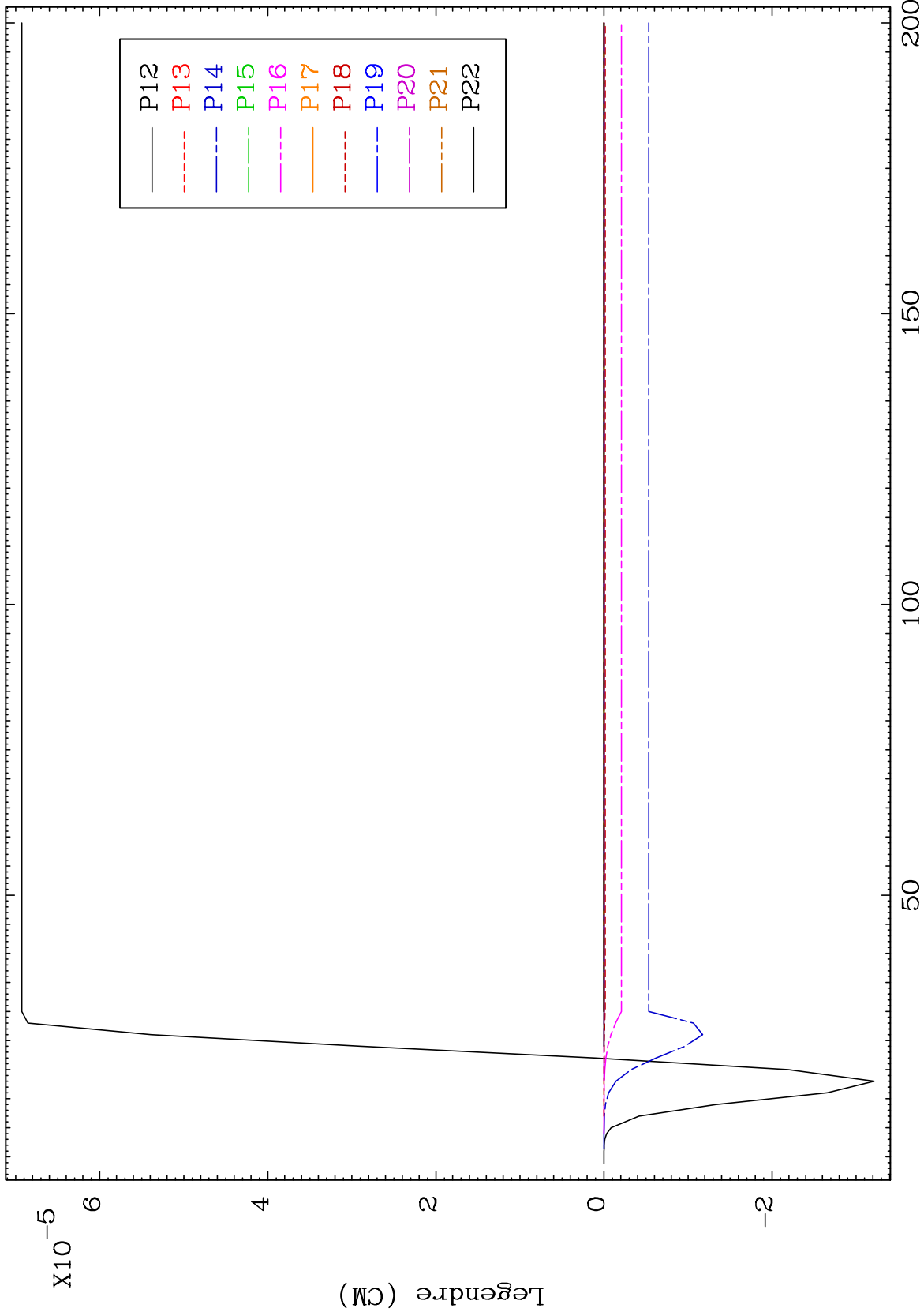
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

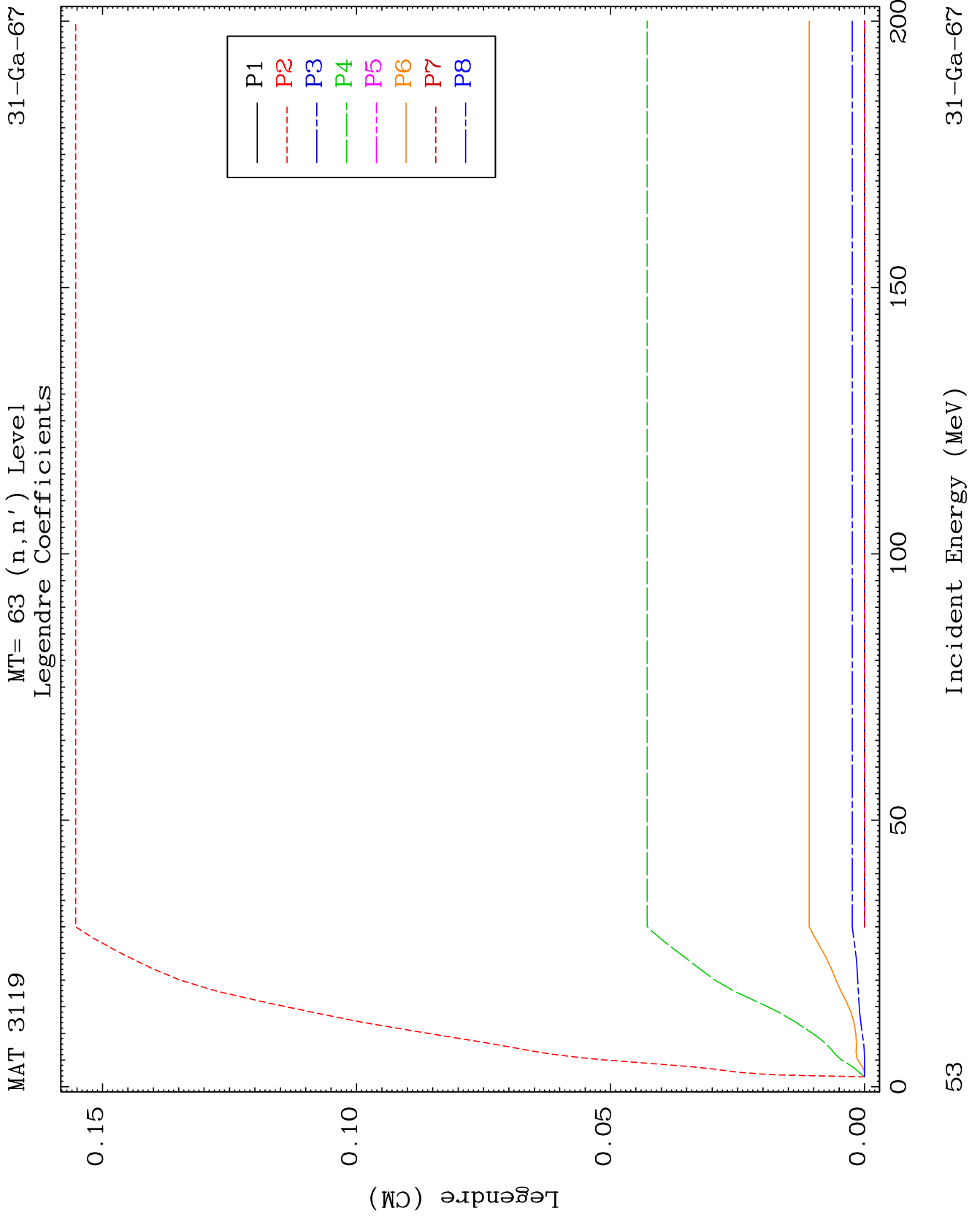
31-Ga-67



52

Incident Energy (MeV)

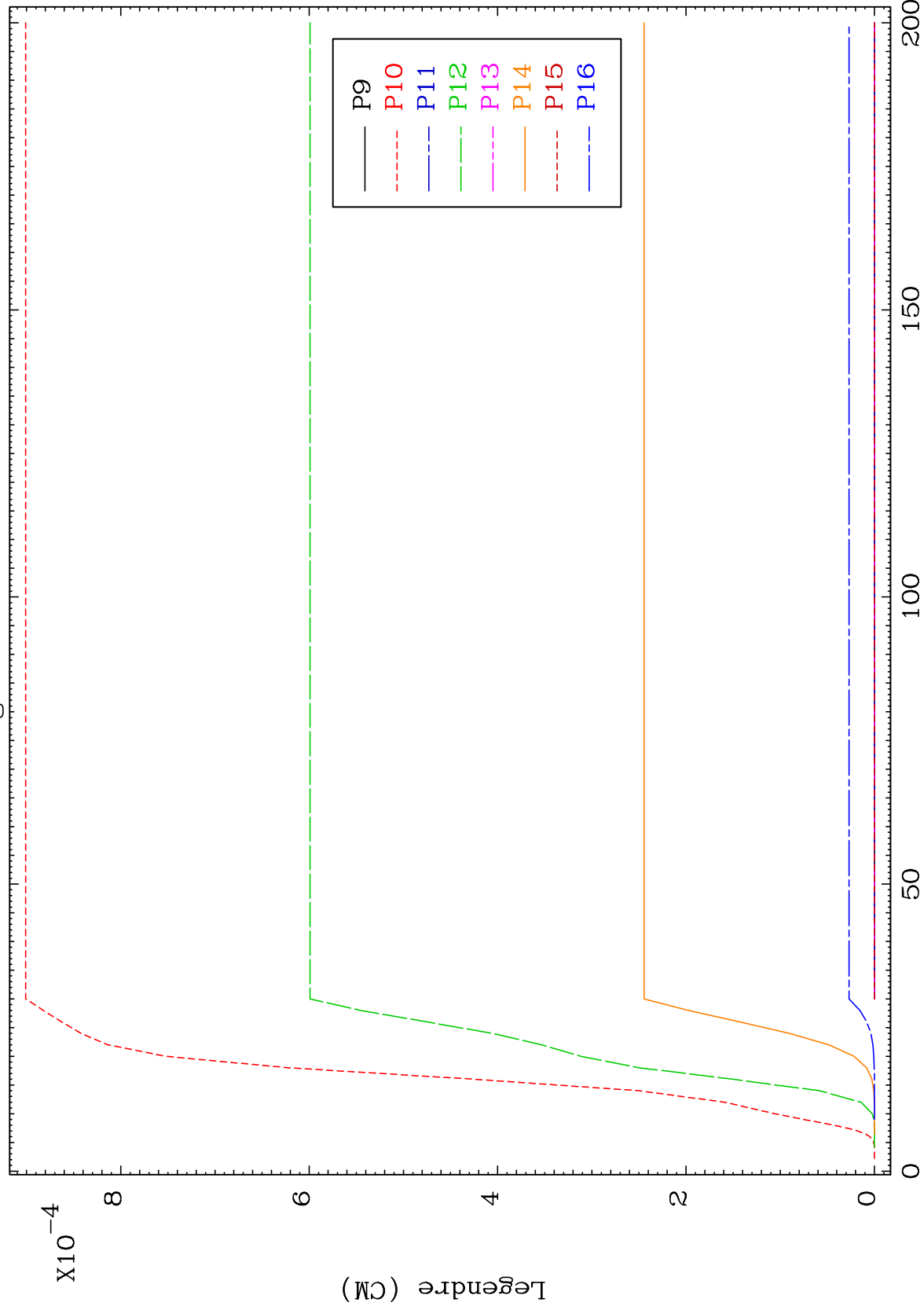
31-Ga-67



MAT 3119

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

31-Ga-67



54

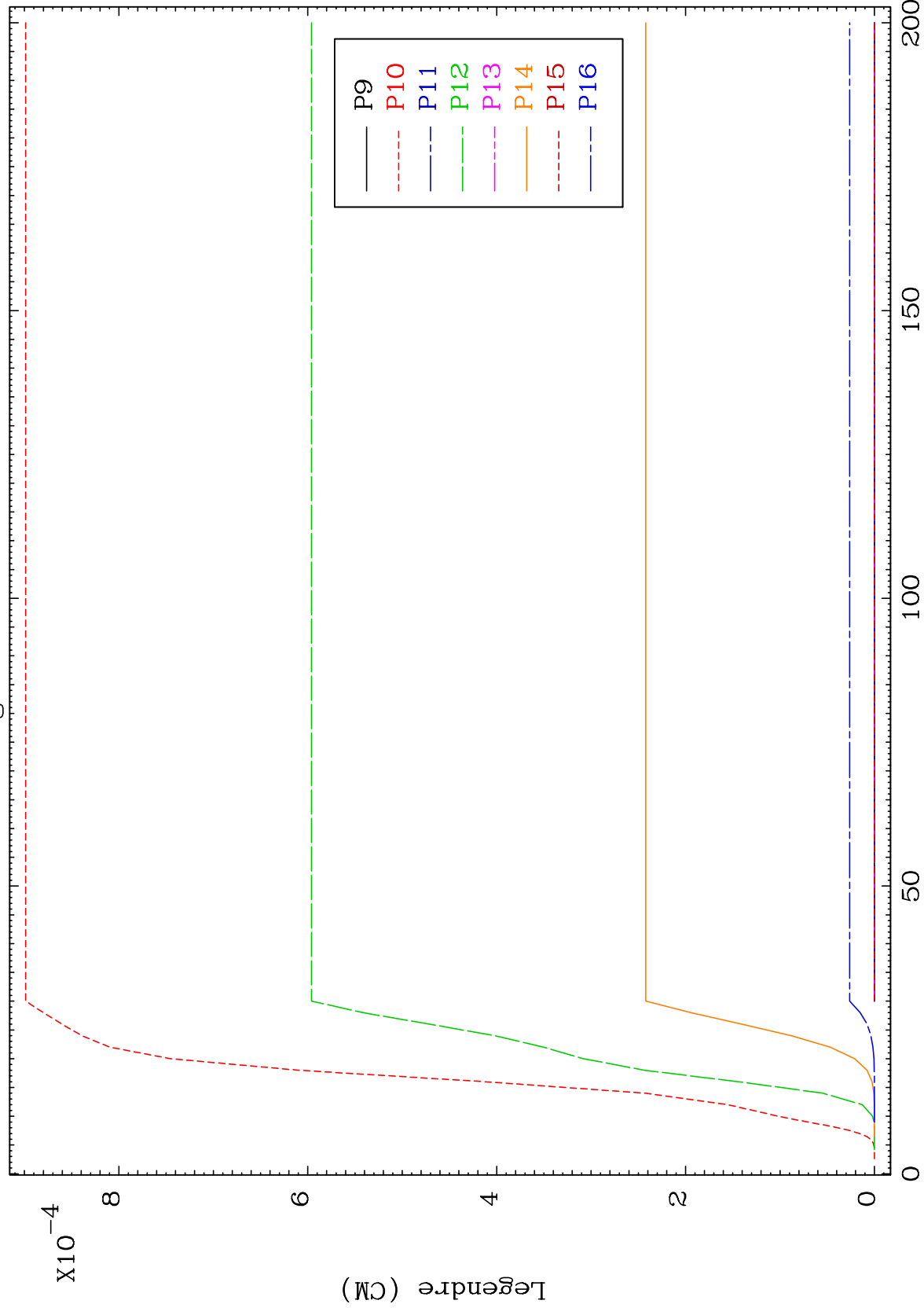
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

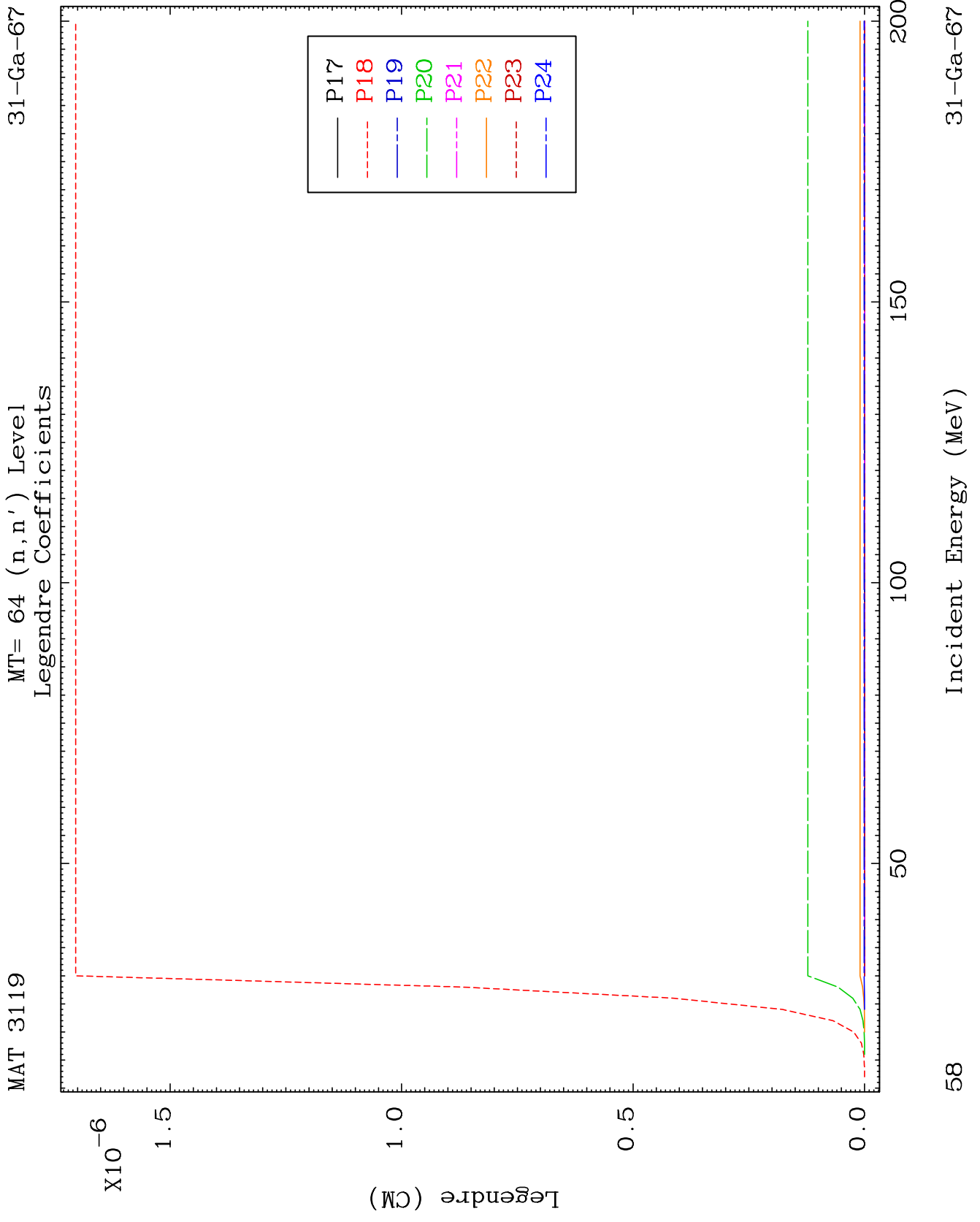
31-Ga-67



57

Incident Energy (MeV)

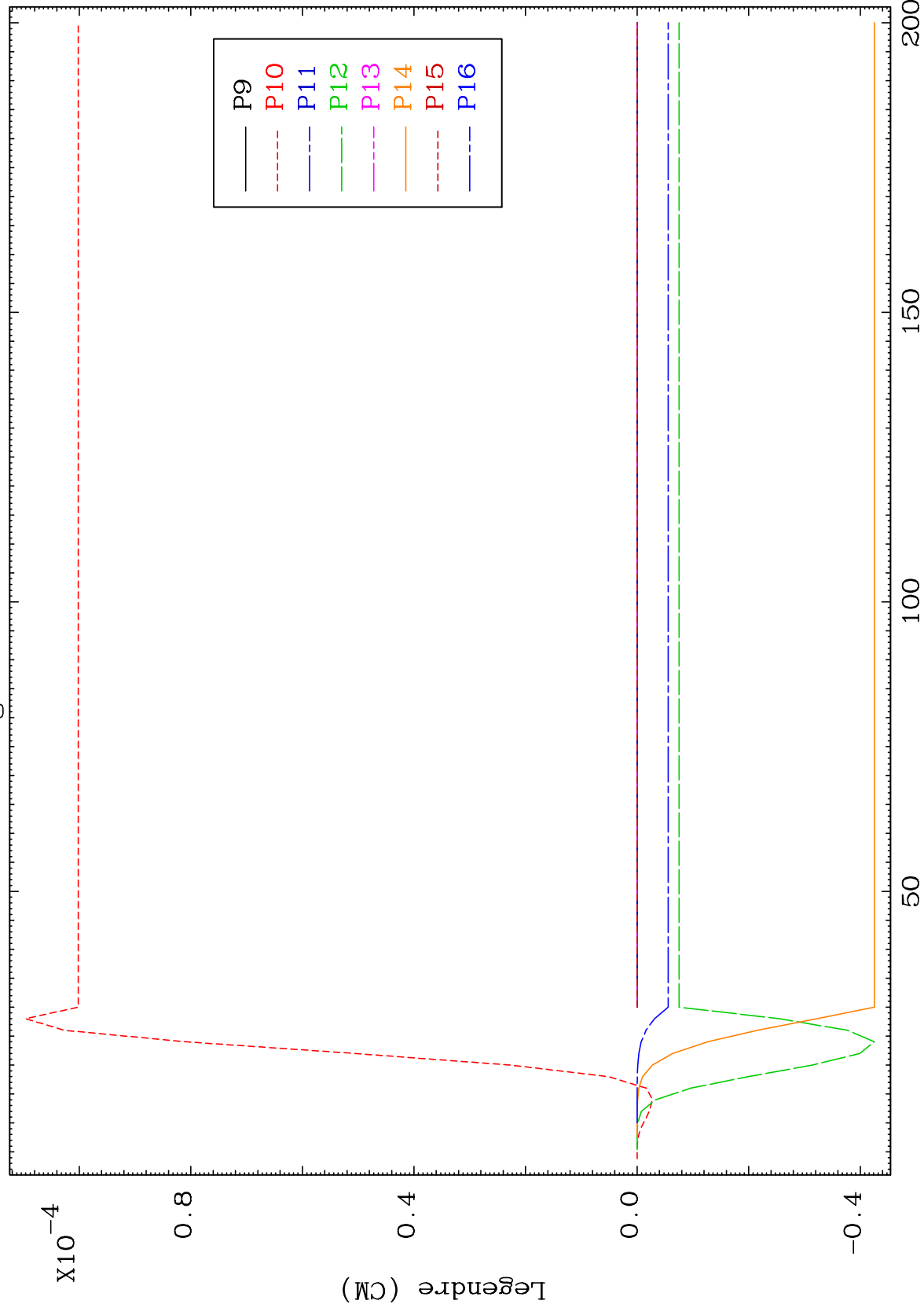
31-Ga-67



MAT 3119

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

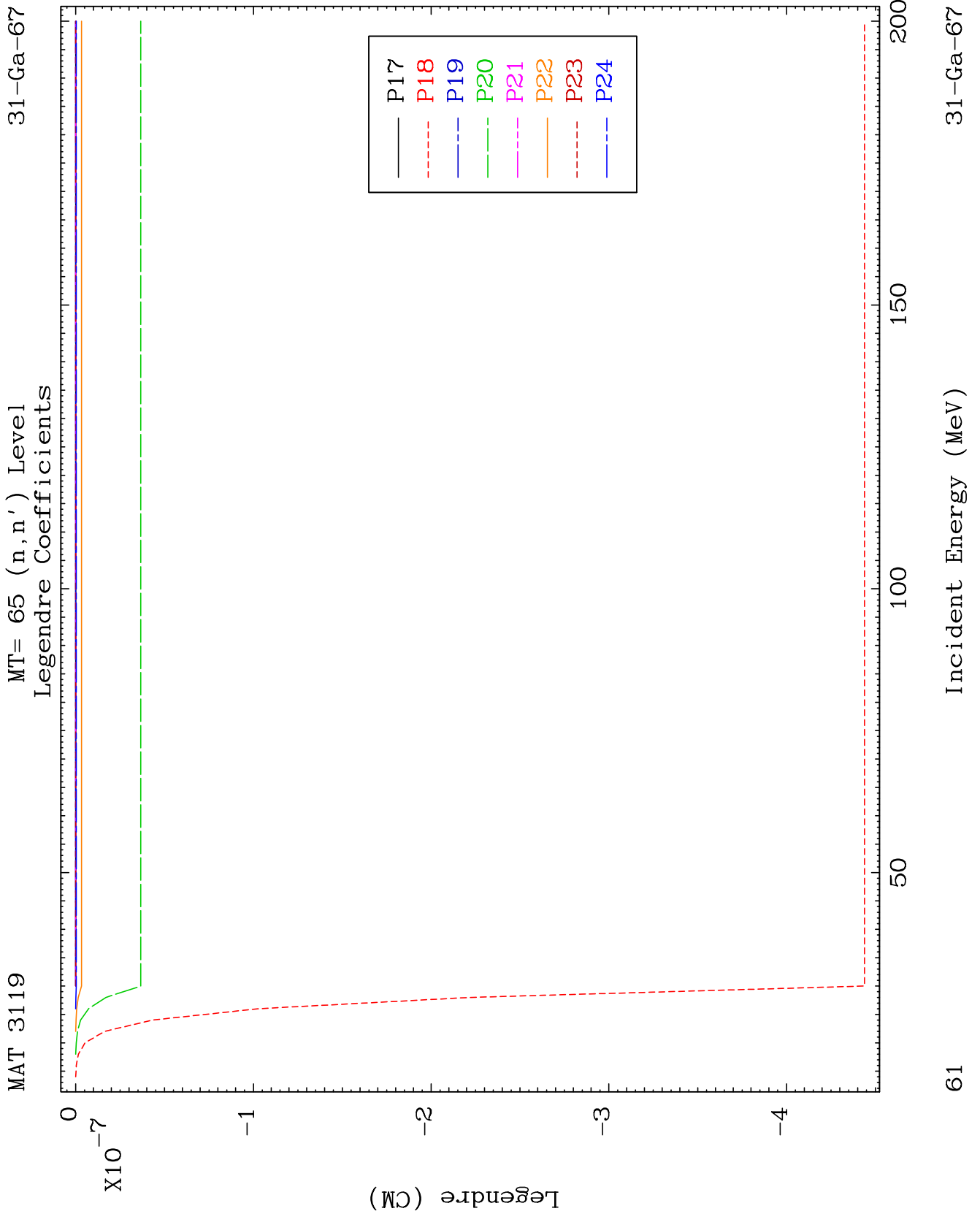
31-Ga-67



60

Incident Energy (MeV)

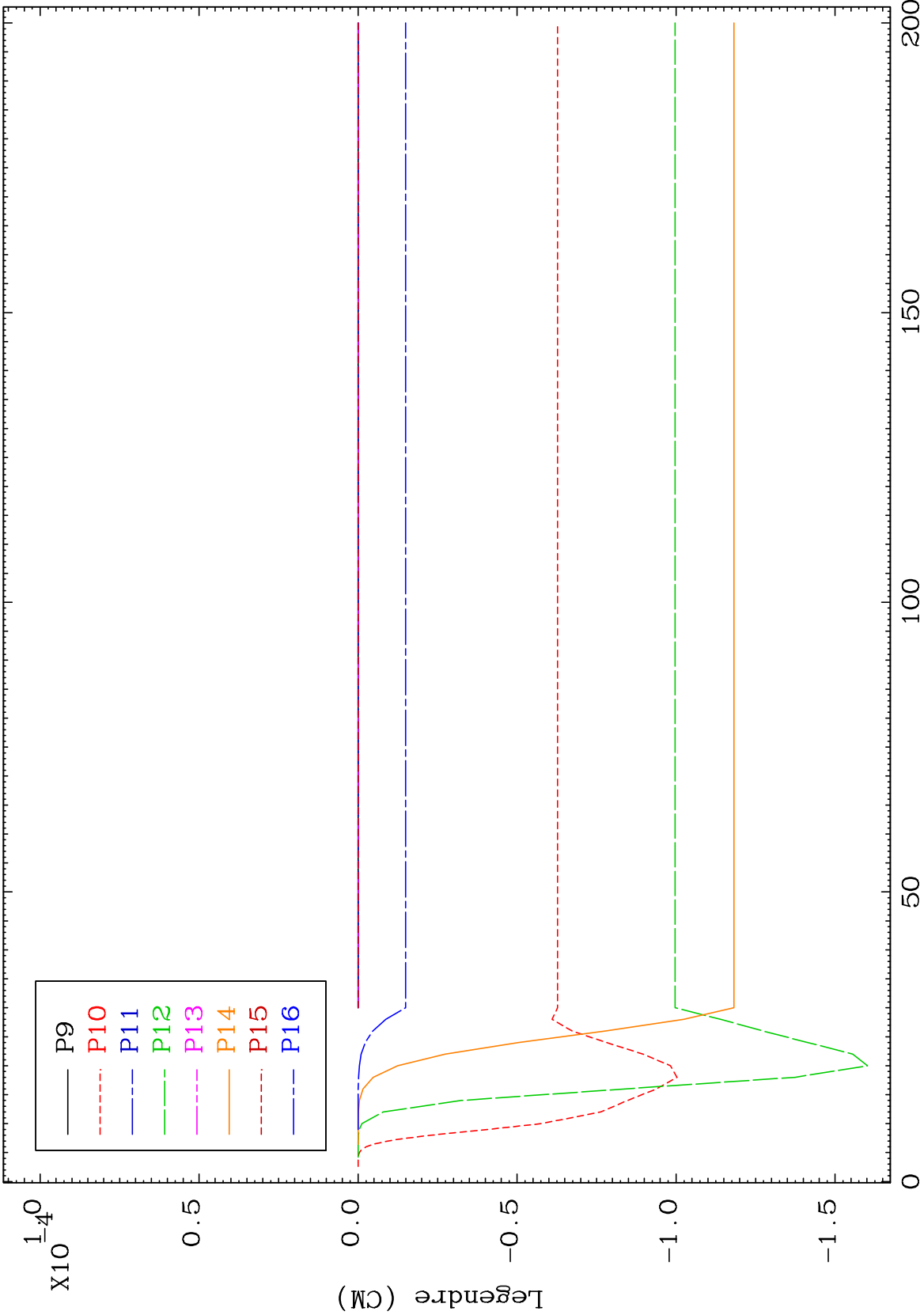
31-Ga-67



MAT 3119

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

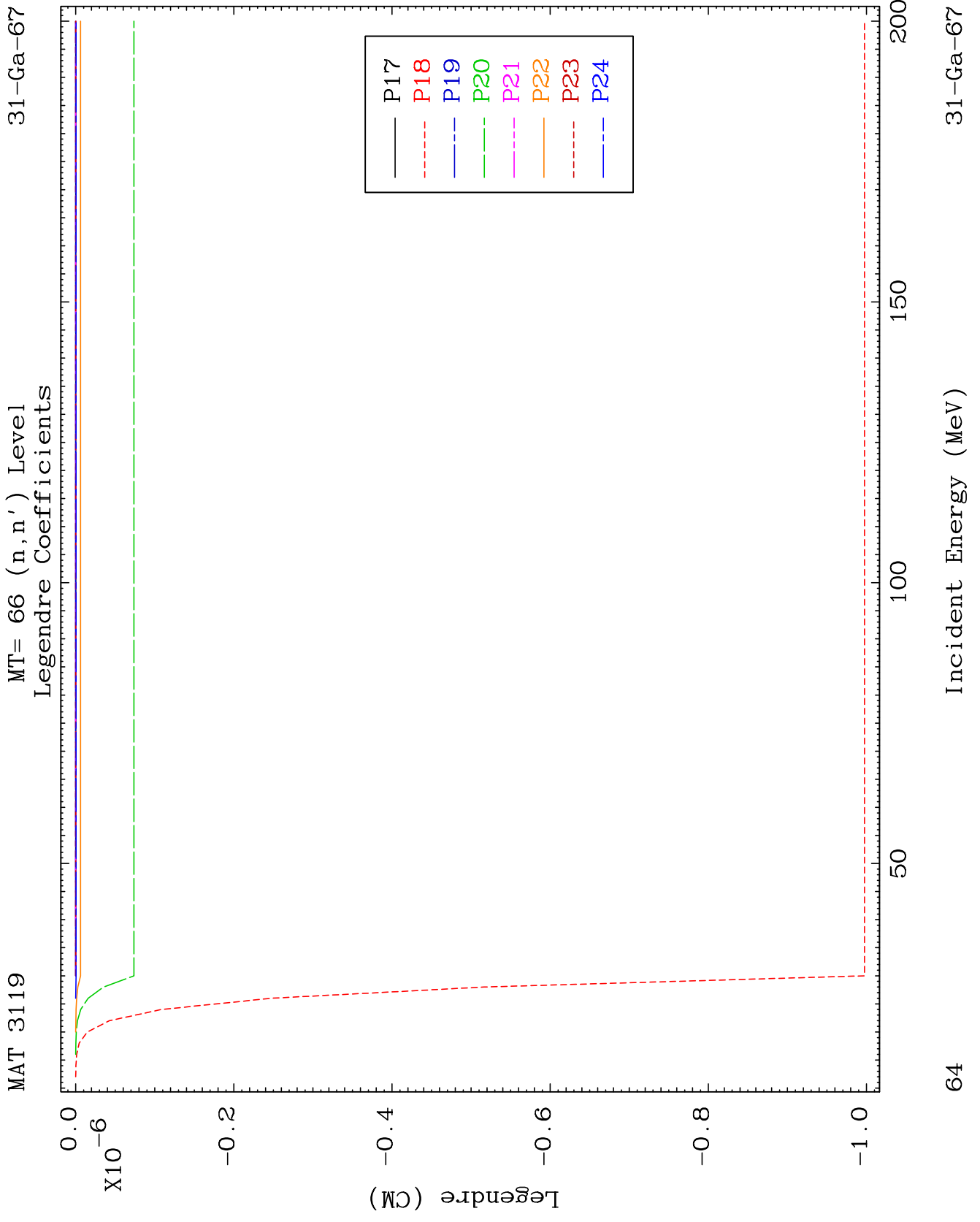
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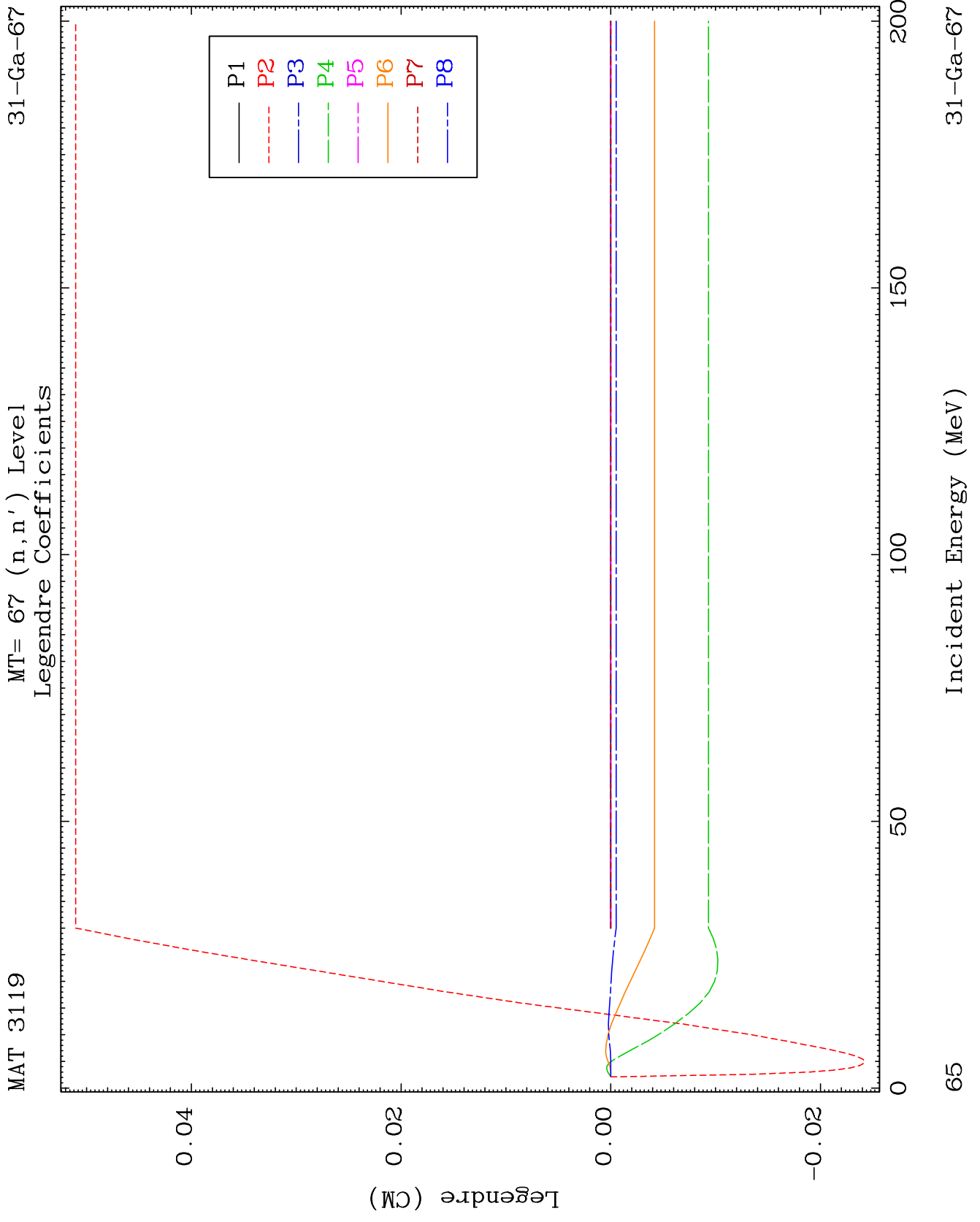


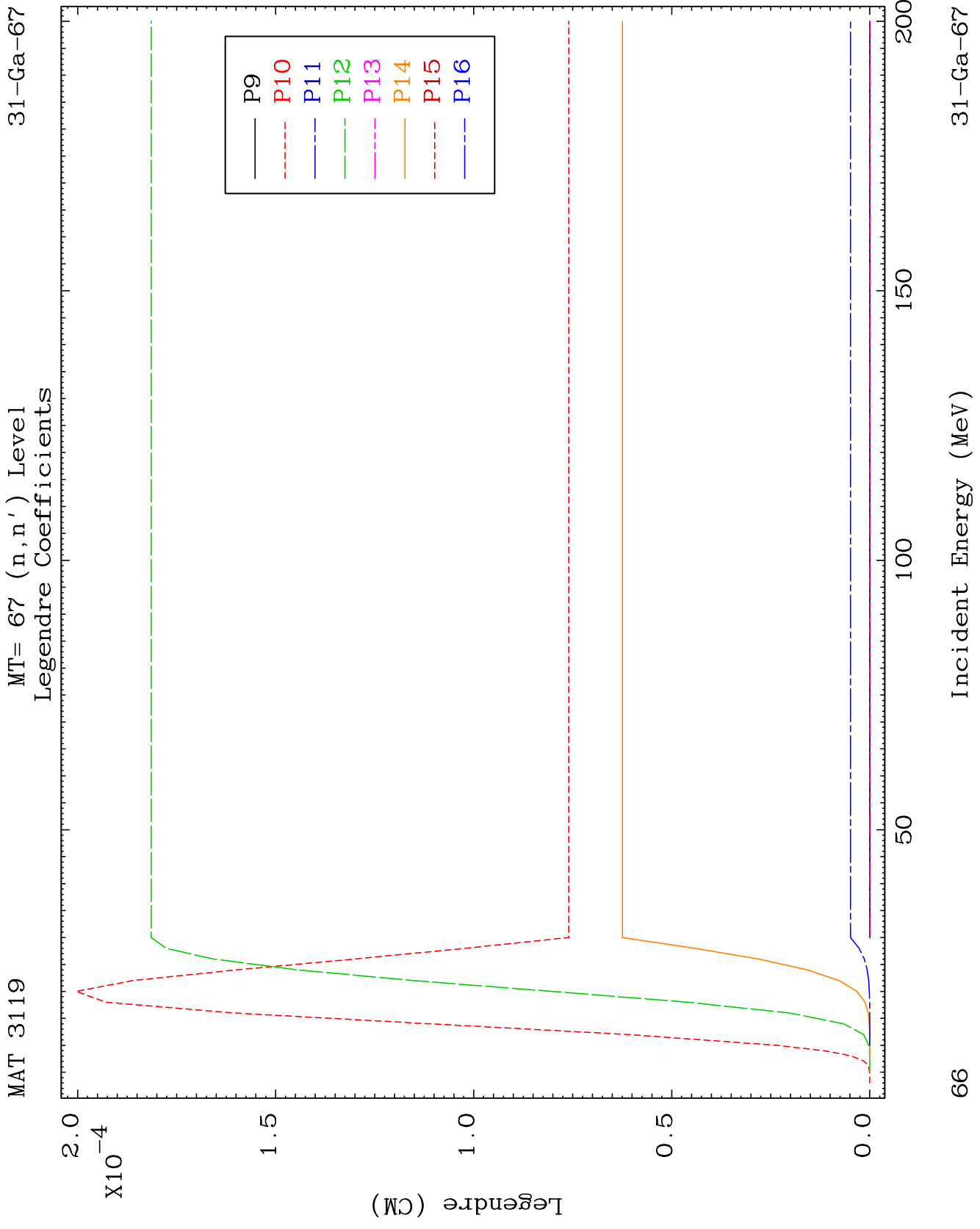
63

Incident Energy (MeV)

31-Ga-67







2.0
X10⁻⁴

1.5

1.0

0.5

0.0

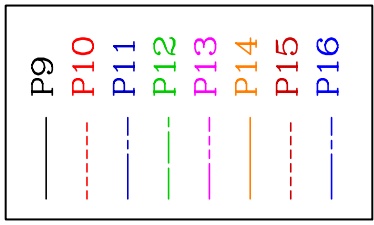
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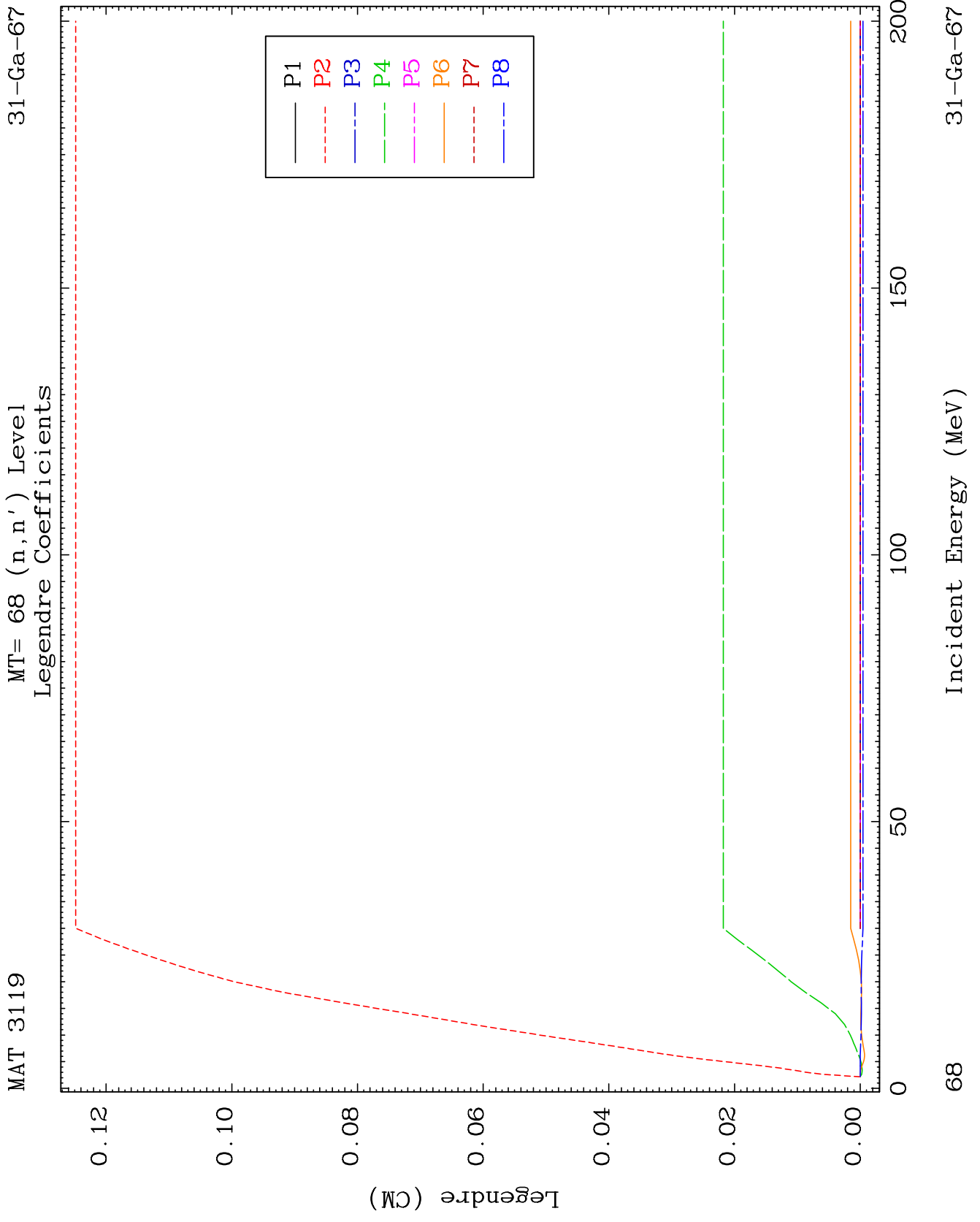
50

100

150

200

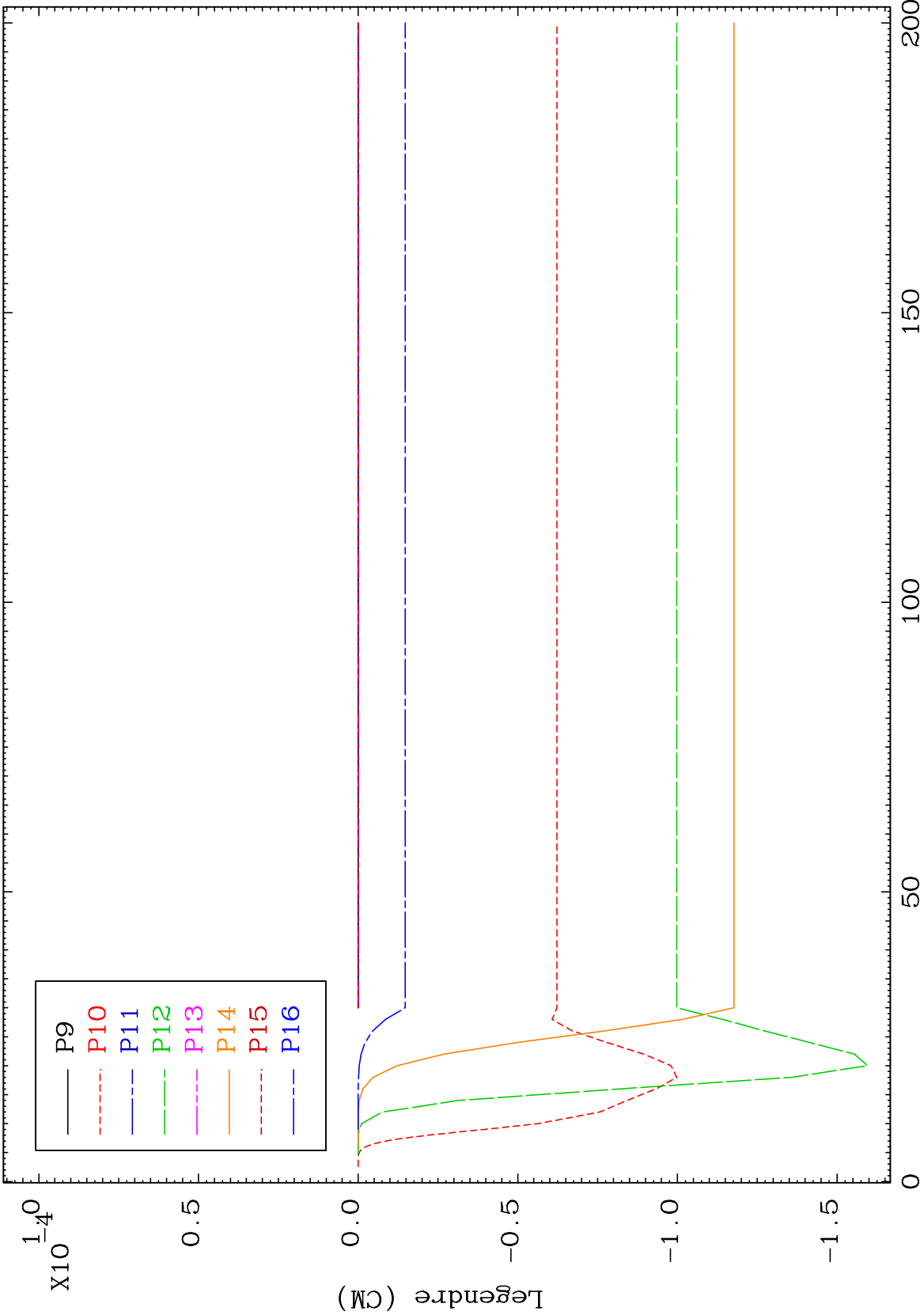




MAT 3119

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

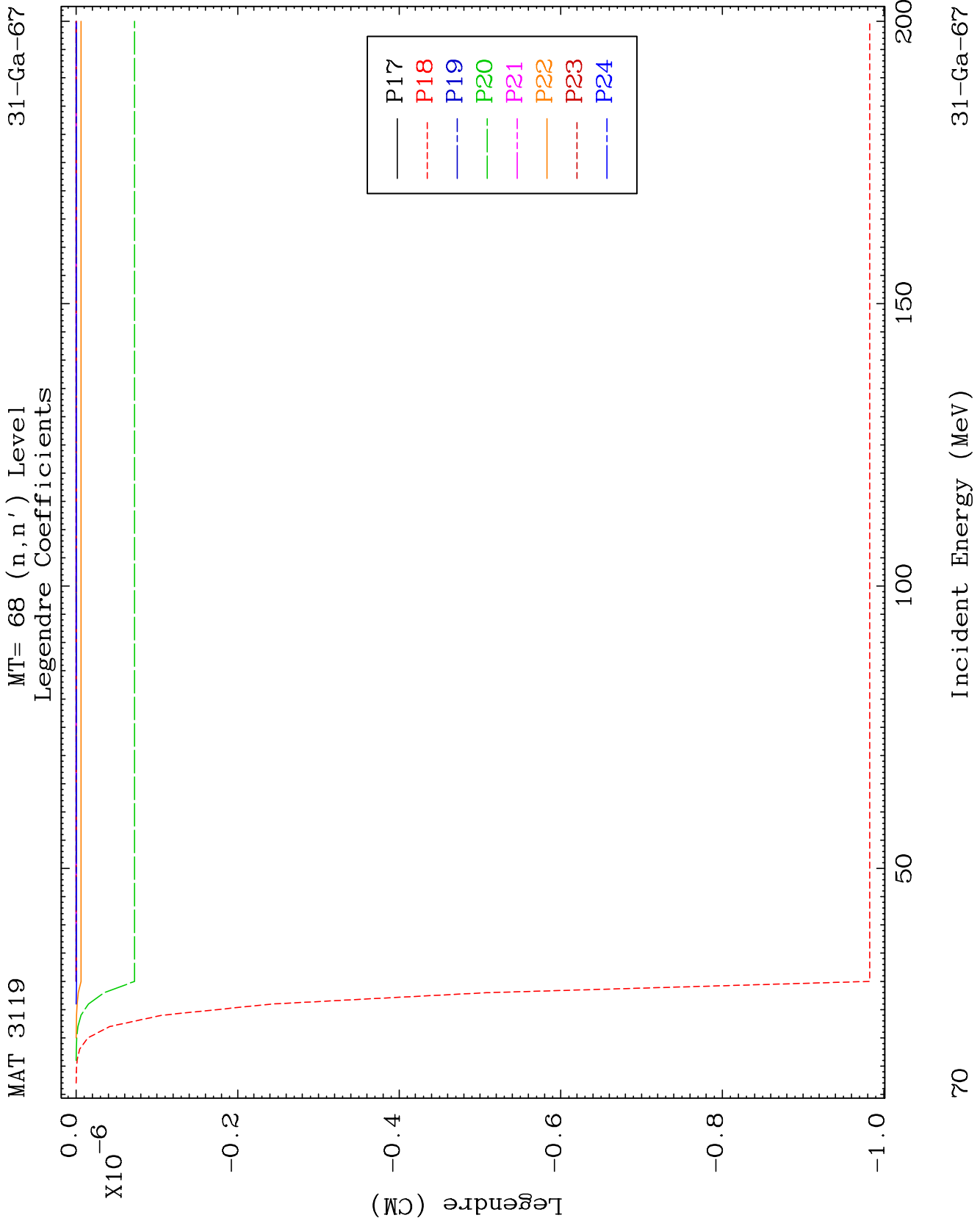
31-Ga-67

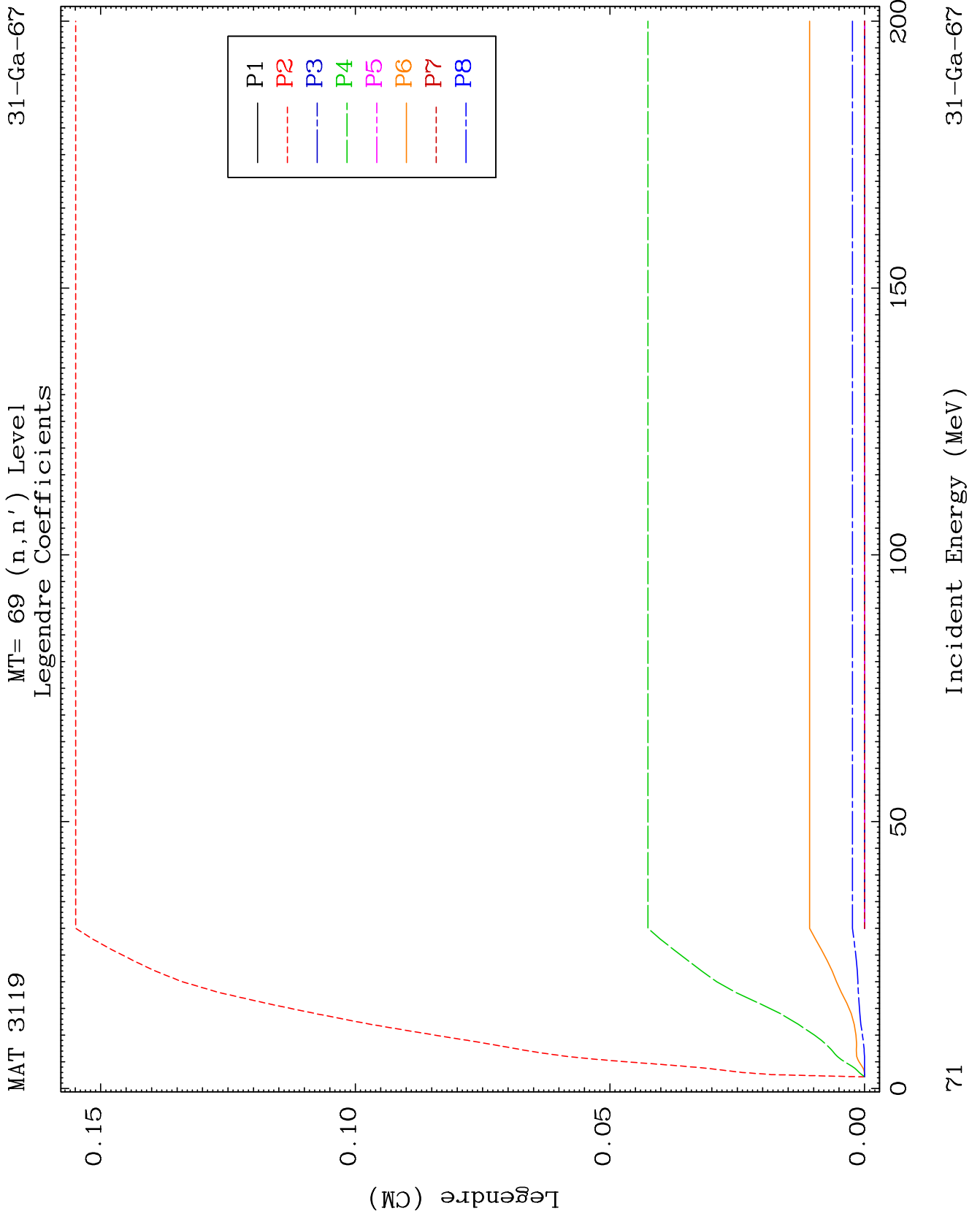


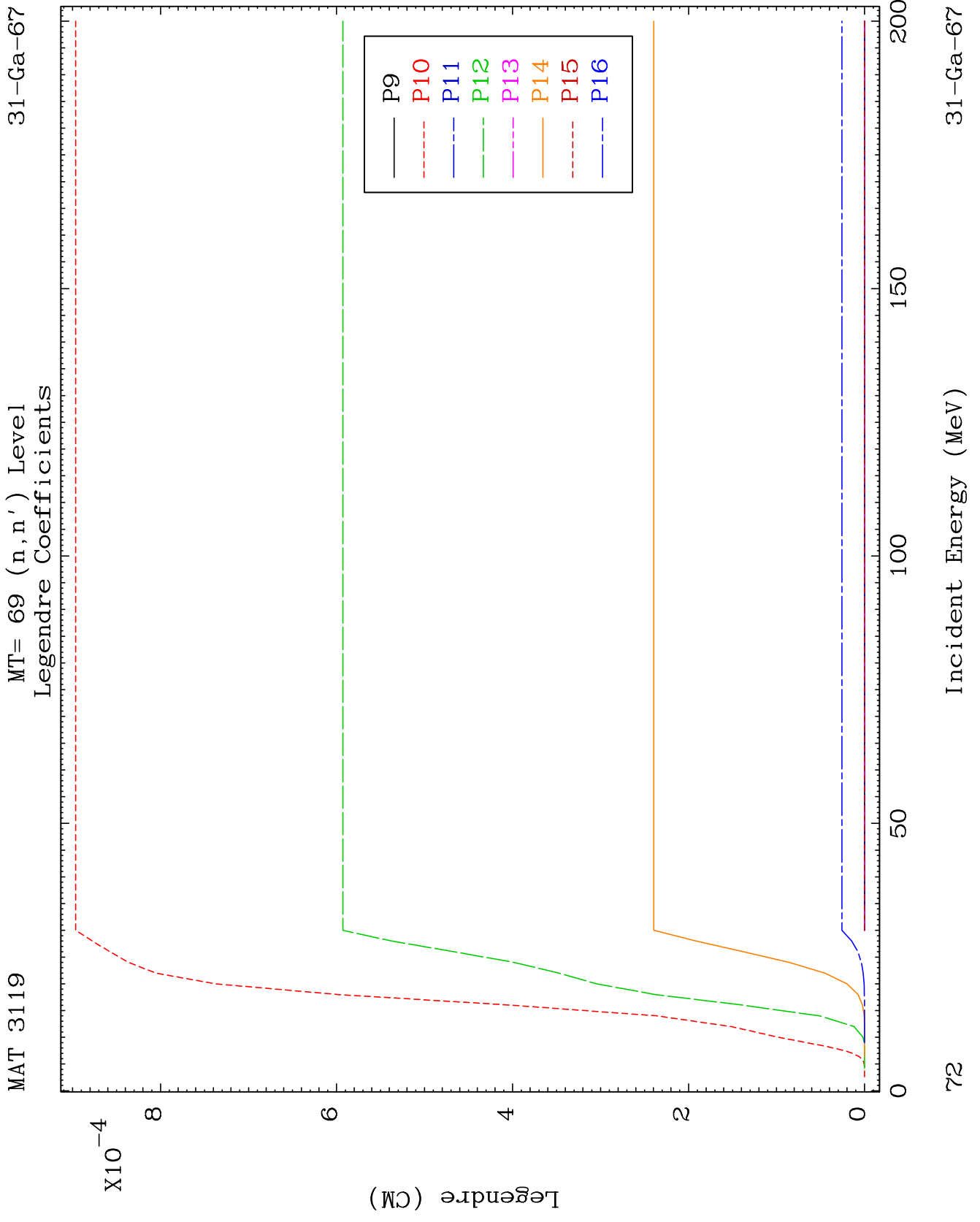
69

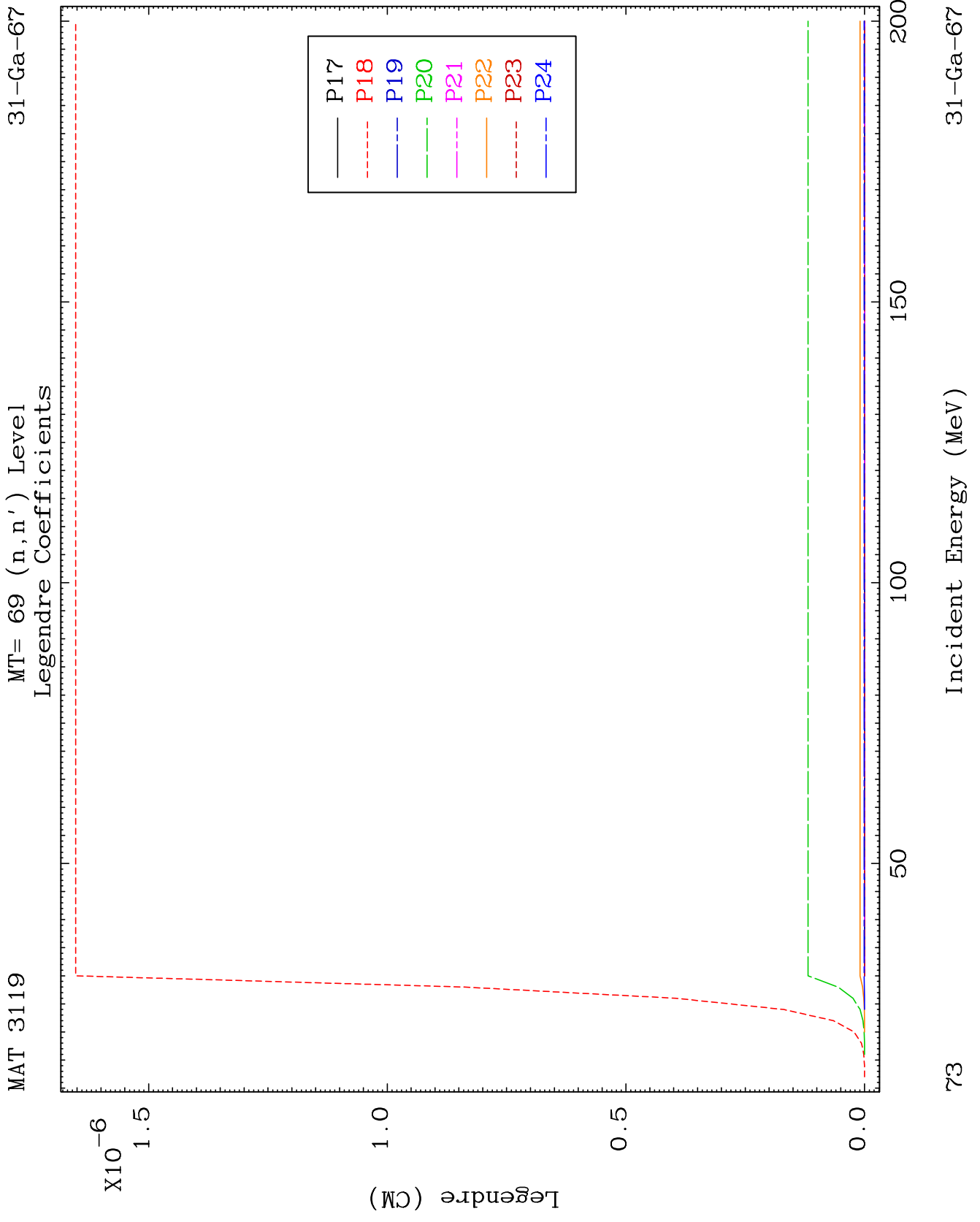
Incident Energy (MeV)

31-Ga-67





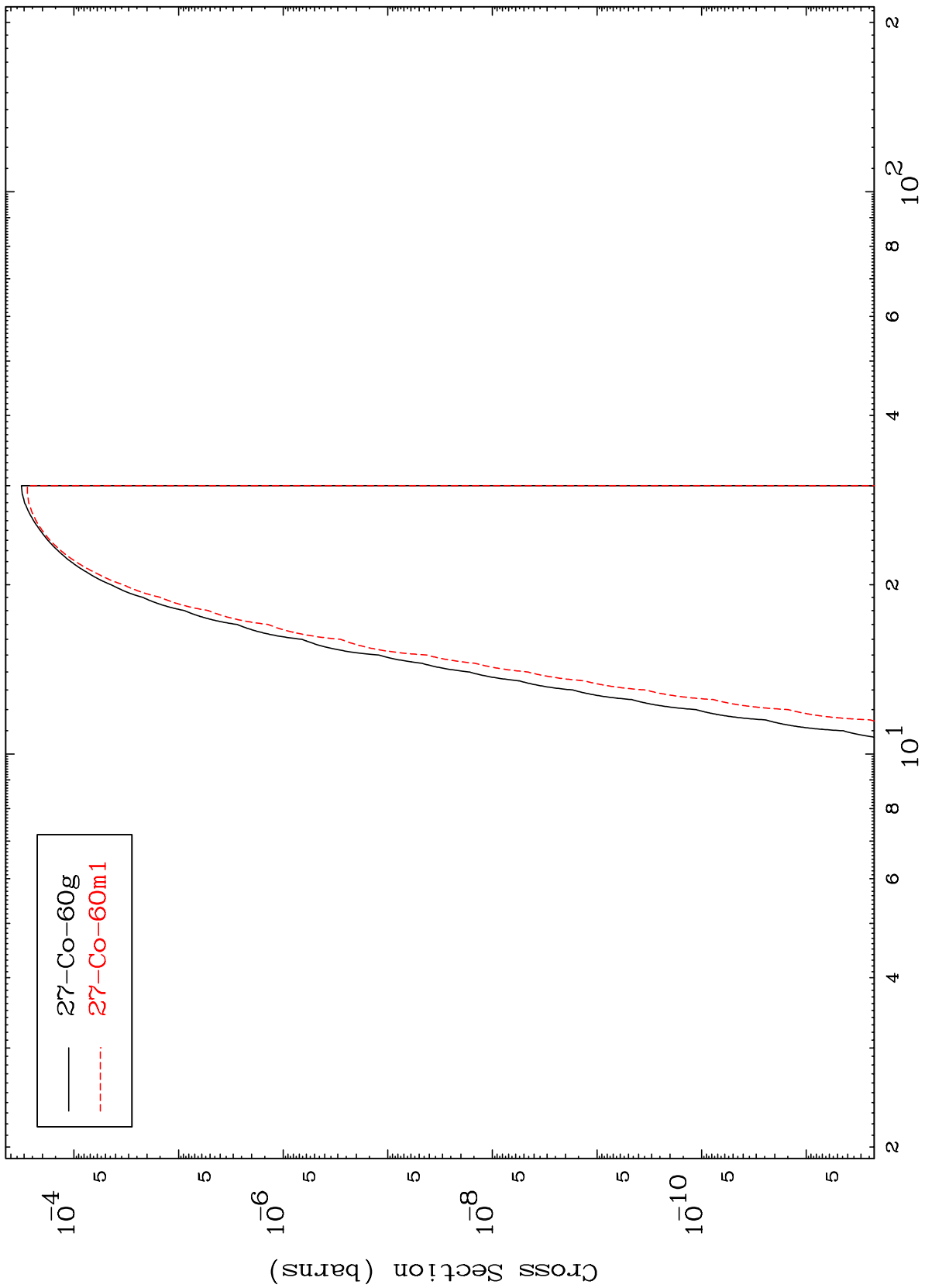




MAT 3119

³¹Ga-67

Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

74

Incident Energy (MeV)

³¹Ga-67