

Program EVALPLOT
(Version 2018-1)

by

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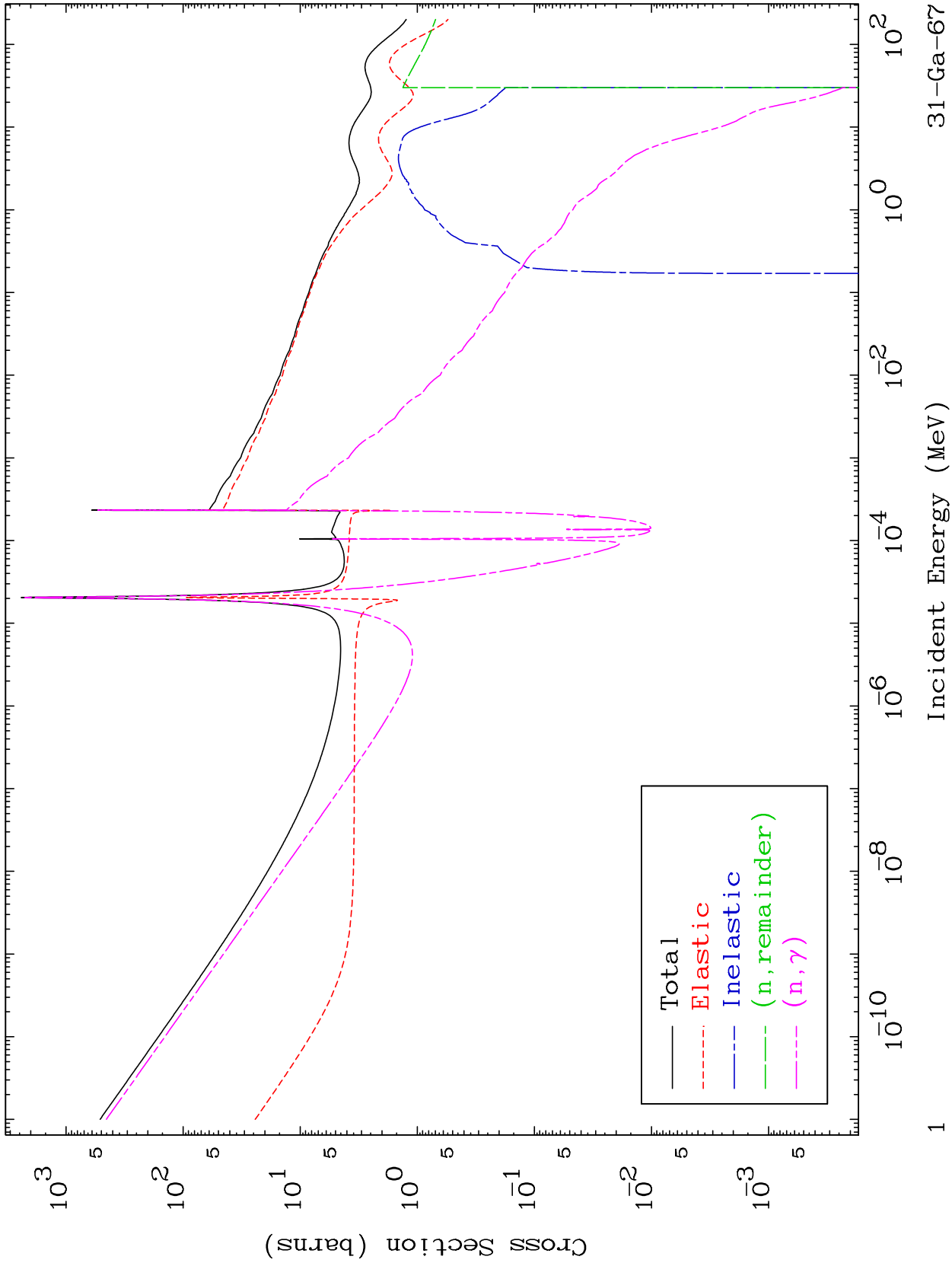
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3119

Major
293 Kelvin Cross Sections

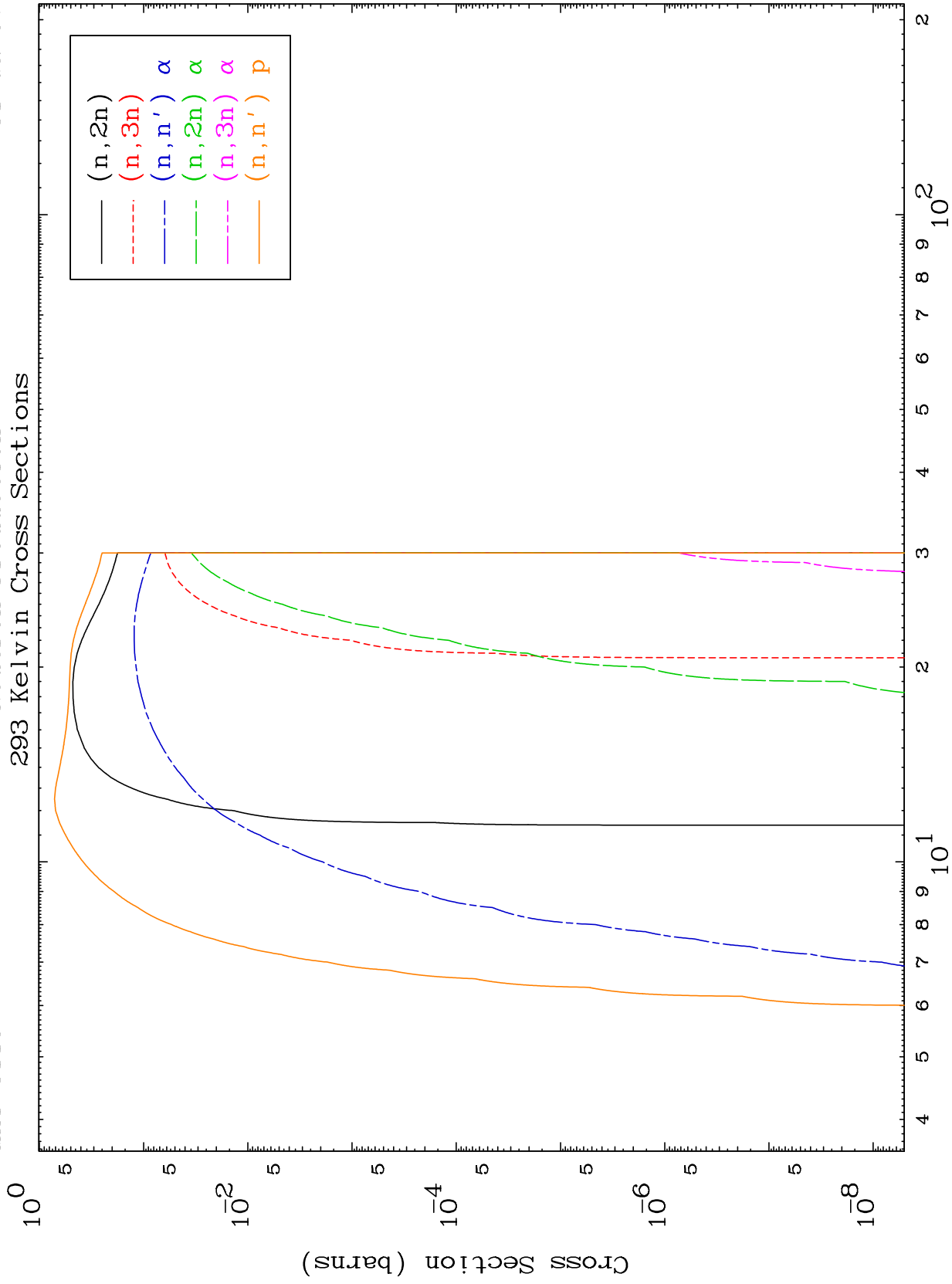
31-Ga-67



MAT 3119

Neutron Production ²⁹³Kelvin Cross Sections

31-Ga-67



2

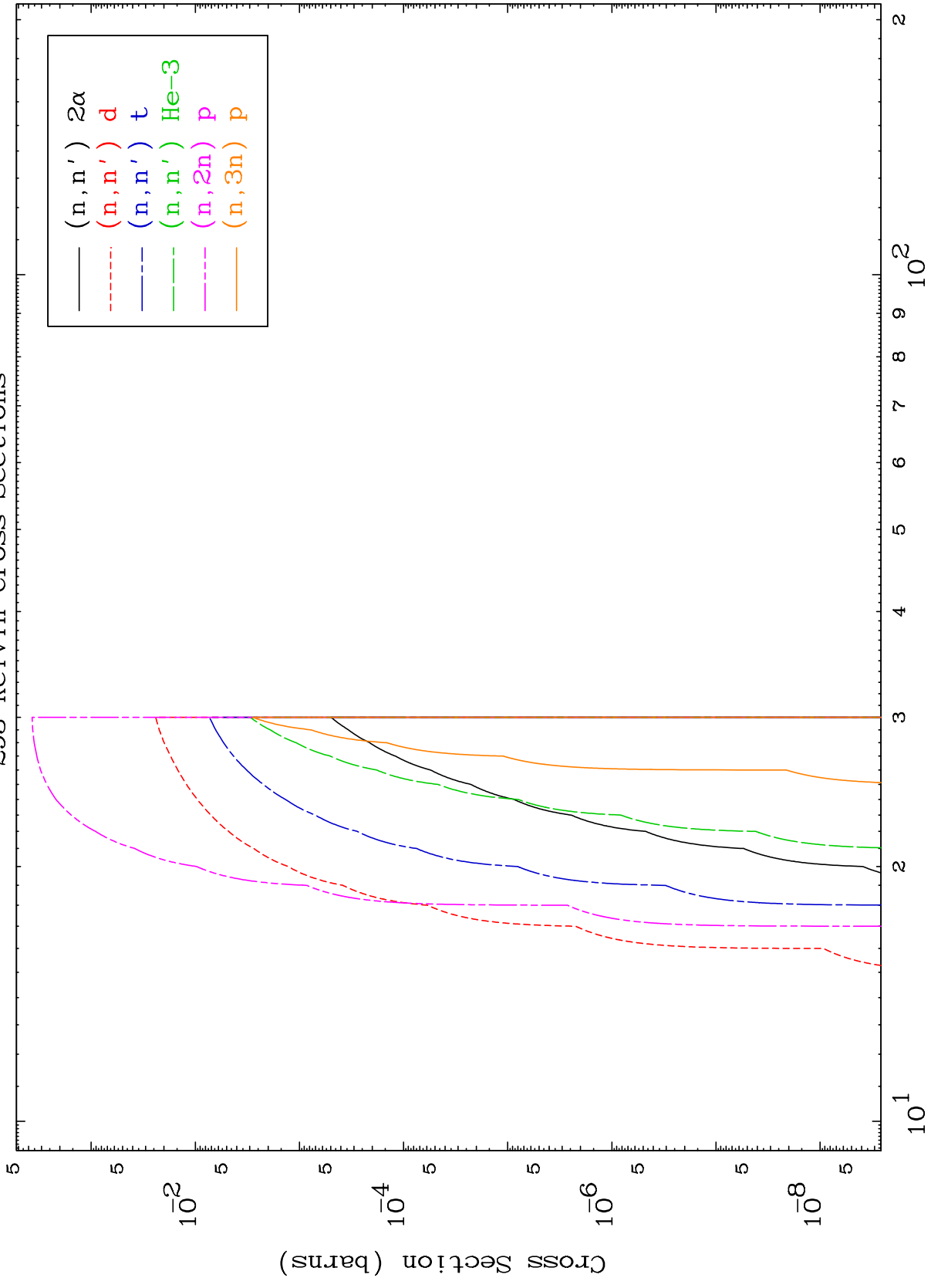
Incident Energy (MeV)

31-Ga-67

MAT 3119

Neutron Production 293 Kelvin Cross Sections

31-Ga-67



3

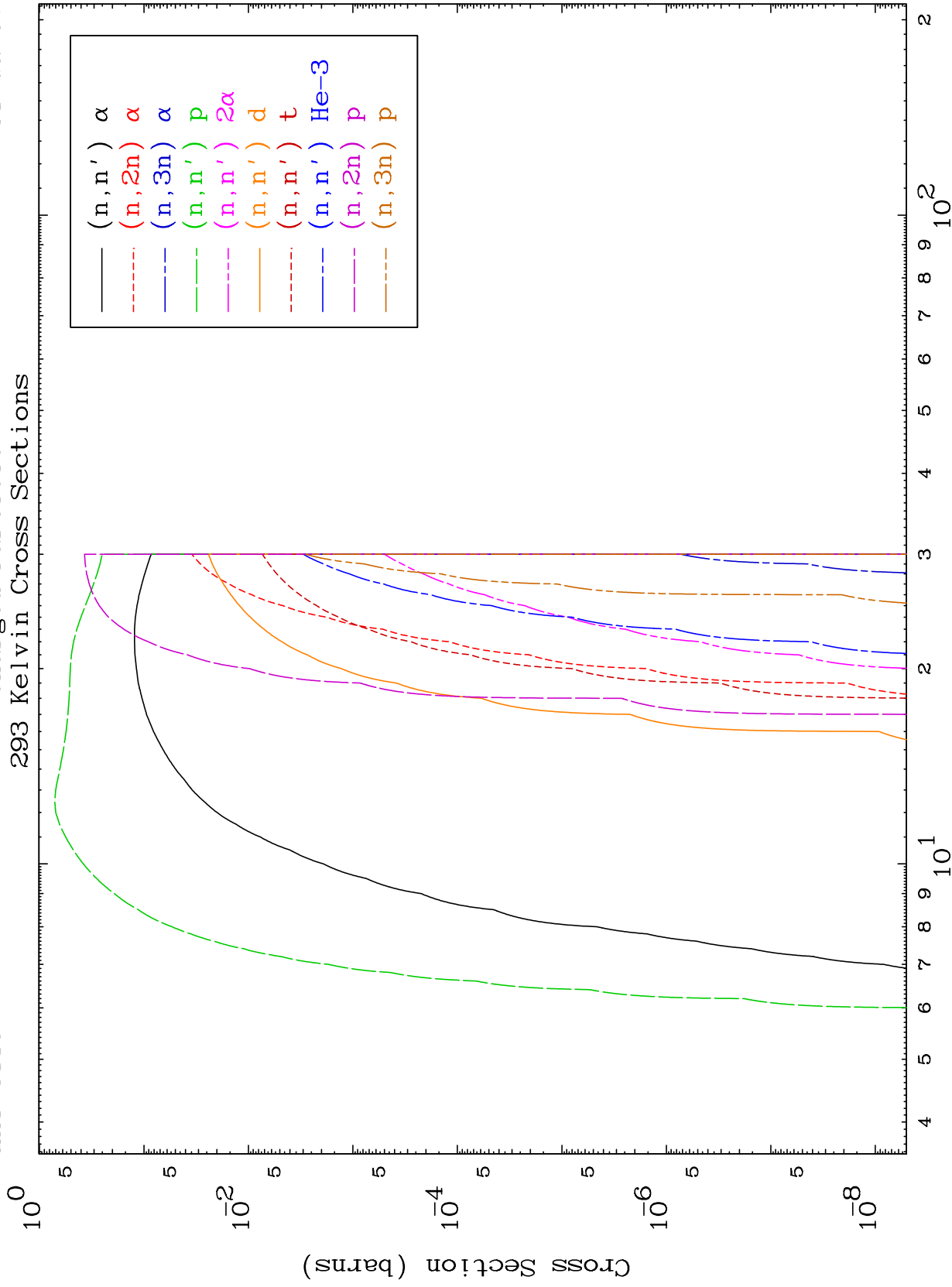
Incident Energy (MeV)

31-Ga-67

MAT 3119

Charged Particle
293 Kelvin Cross Sections

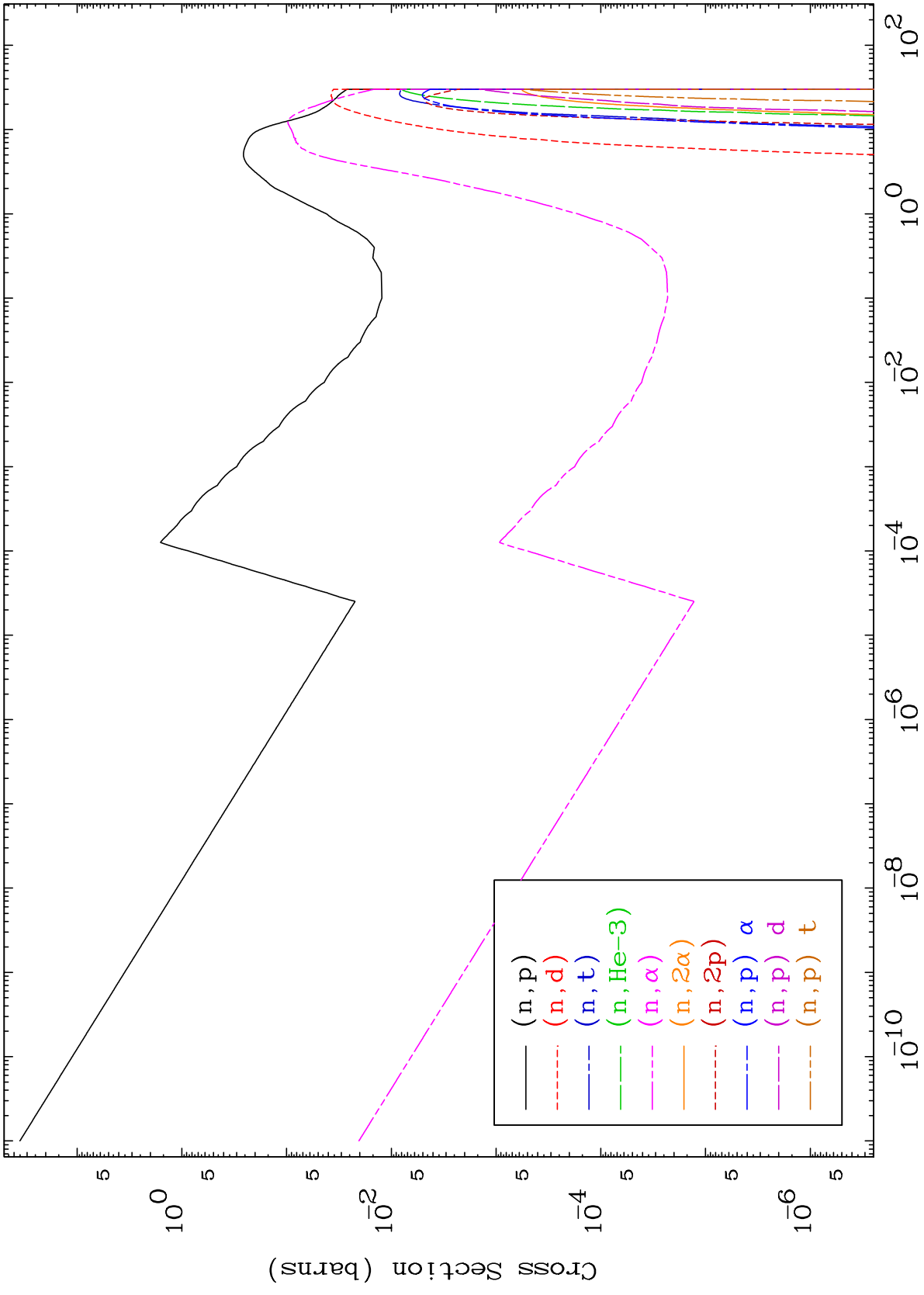
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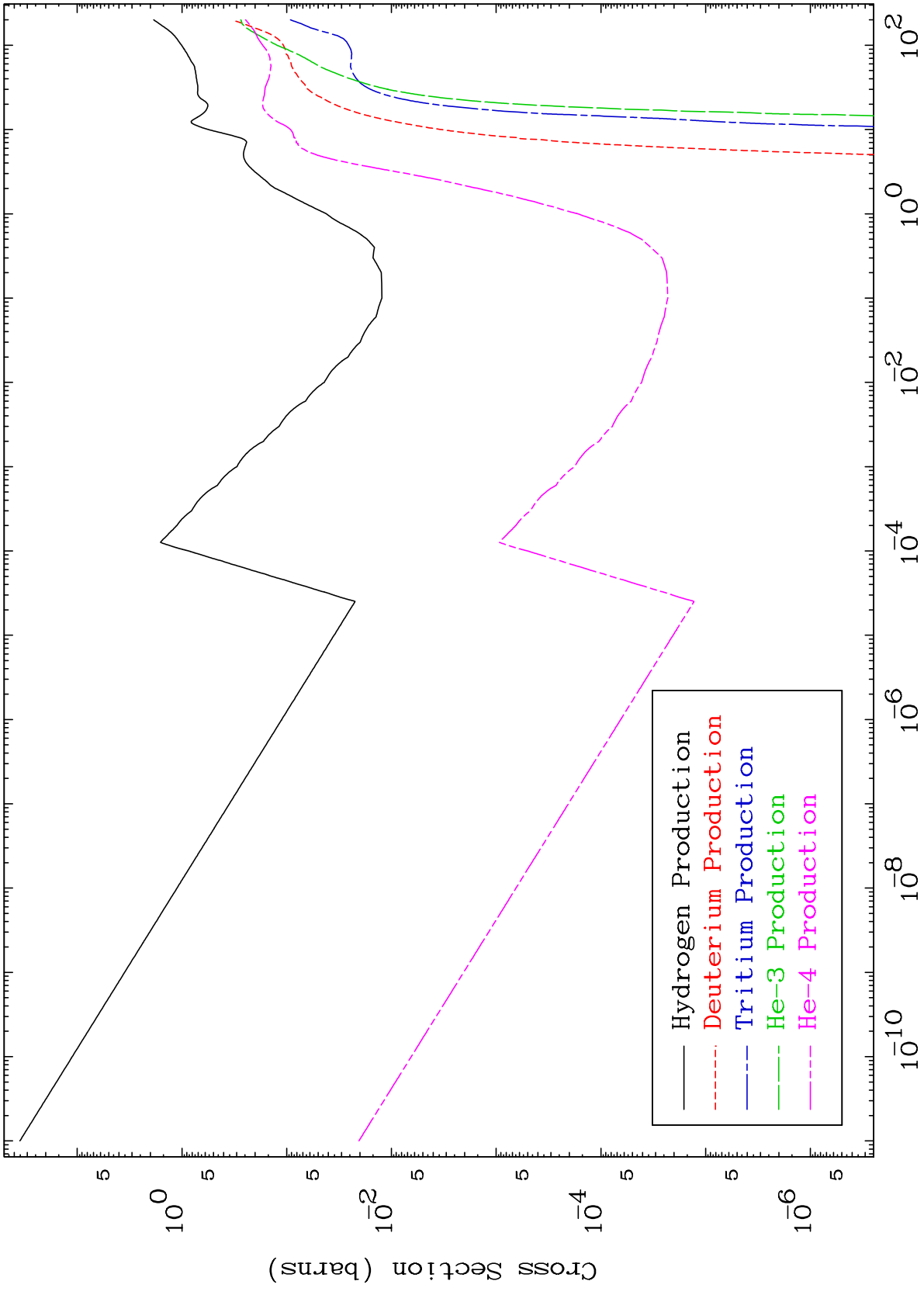


4

Incident Energy (MeV)

31-Ga-67



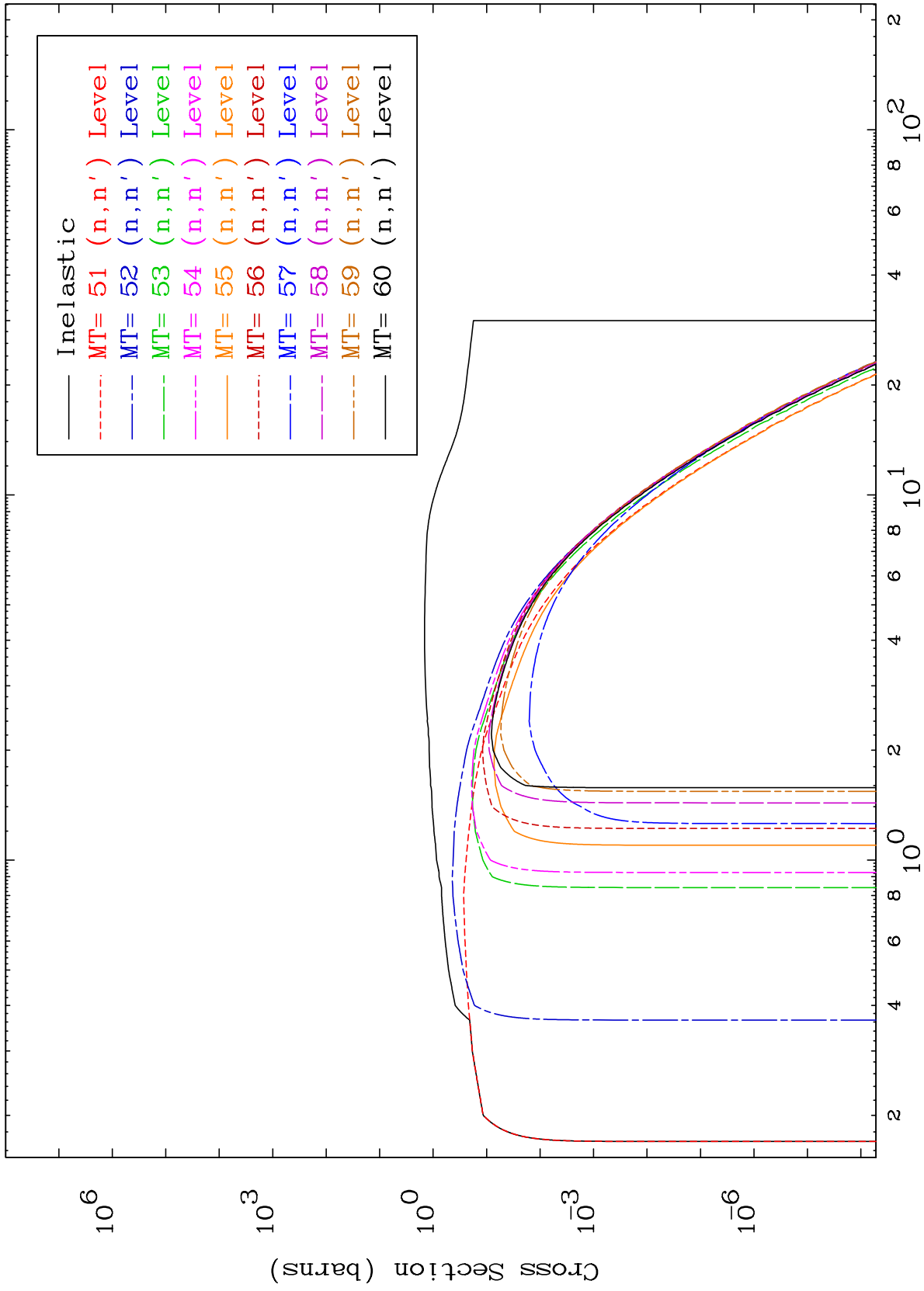


MAT 3119

(n,n') Level

31-Ga-67

293 Kelvin Cross Sections



7

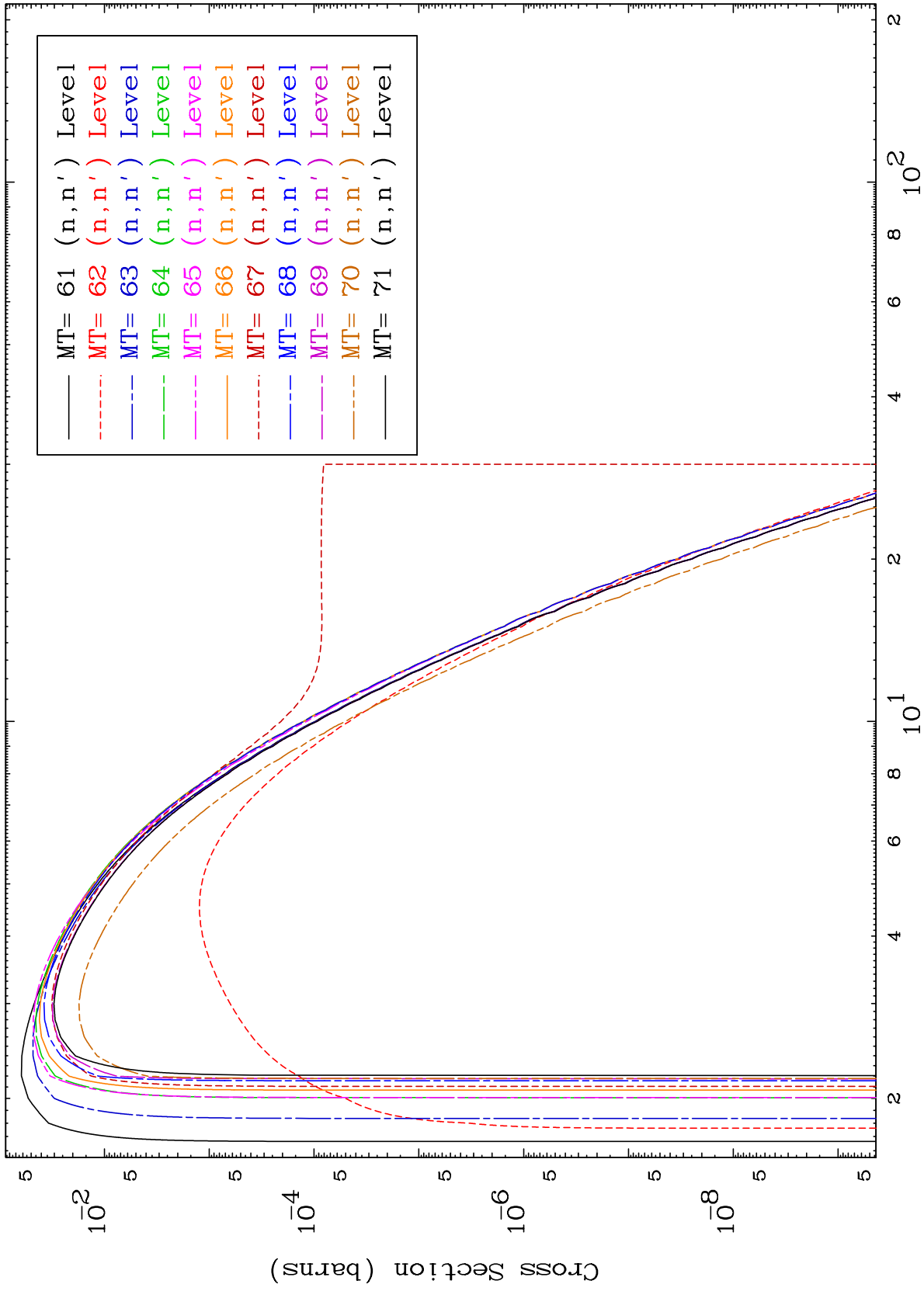
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,n') Level
293 Kelvin Cross Sections

31-Ga-67

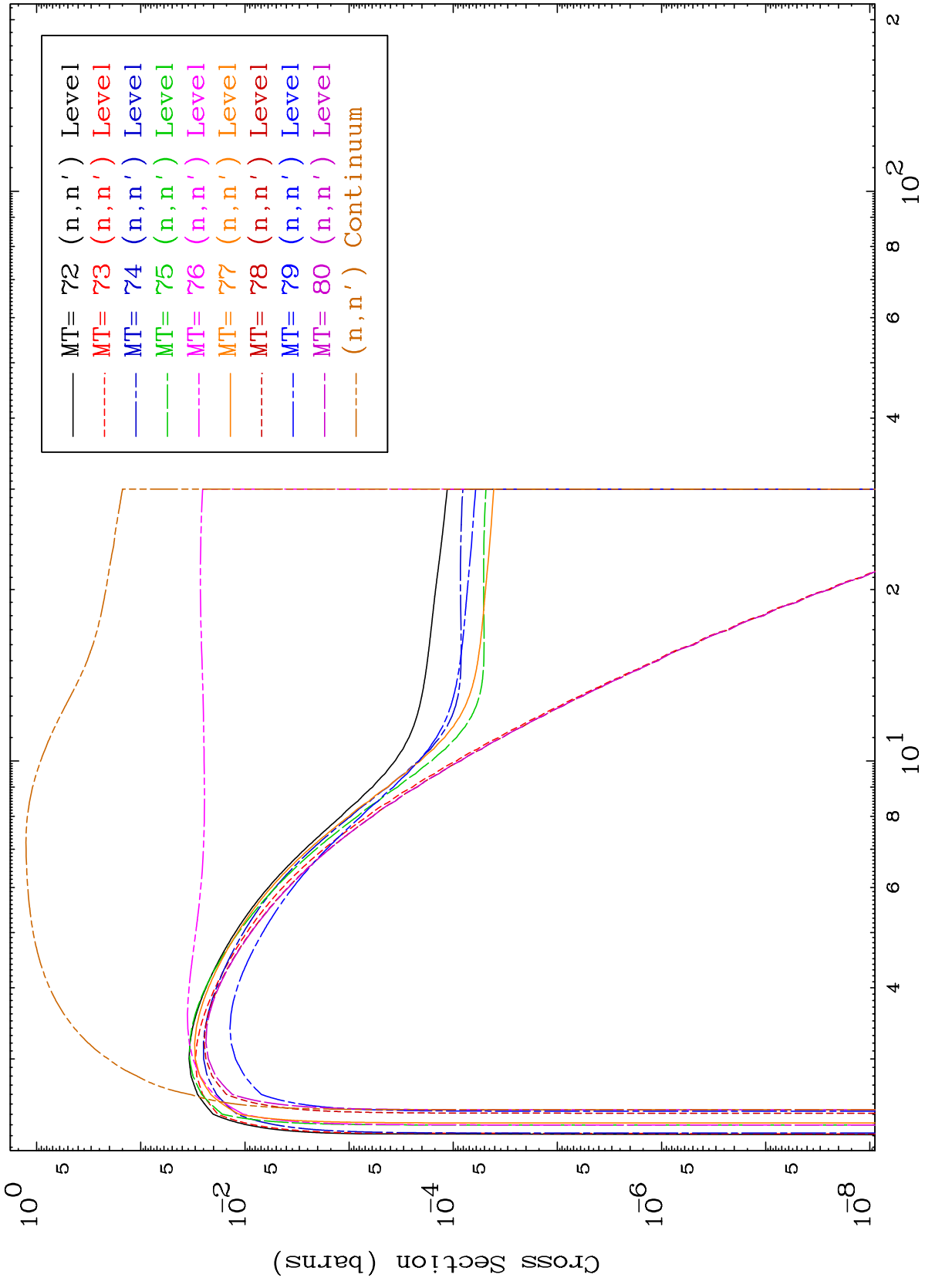


8

Incident Energy (MeV)

31-Ga-67

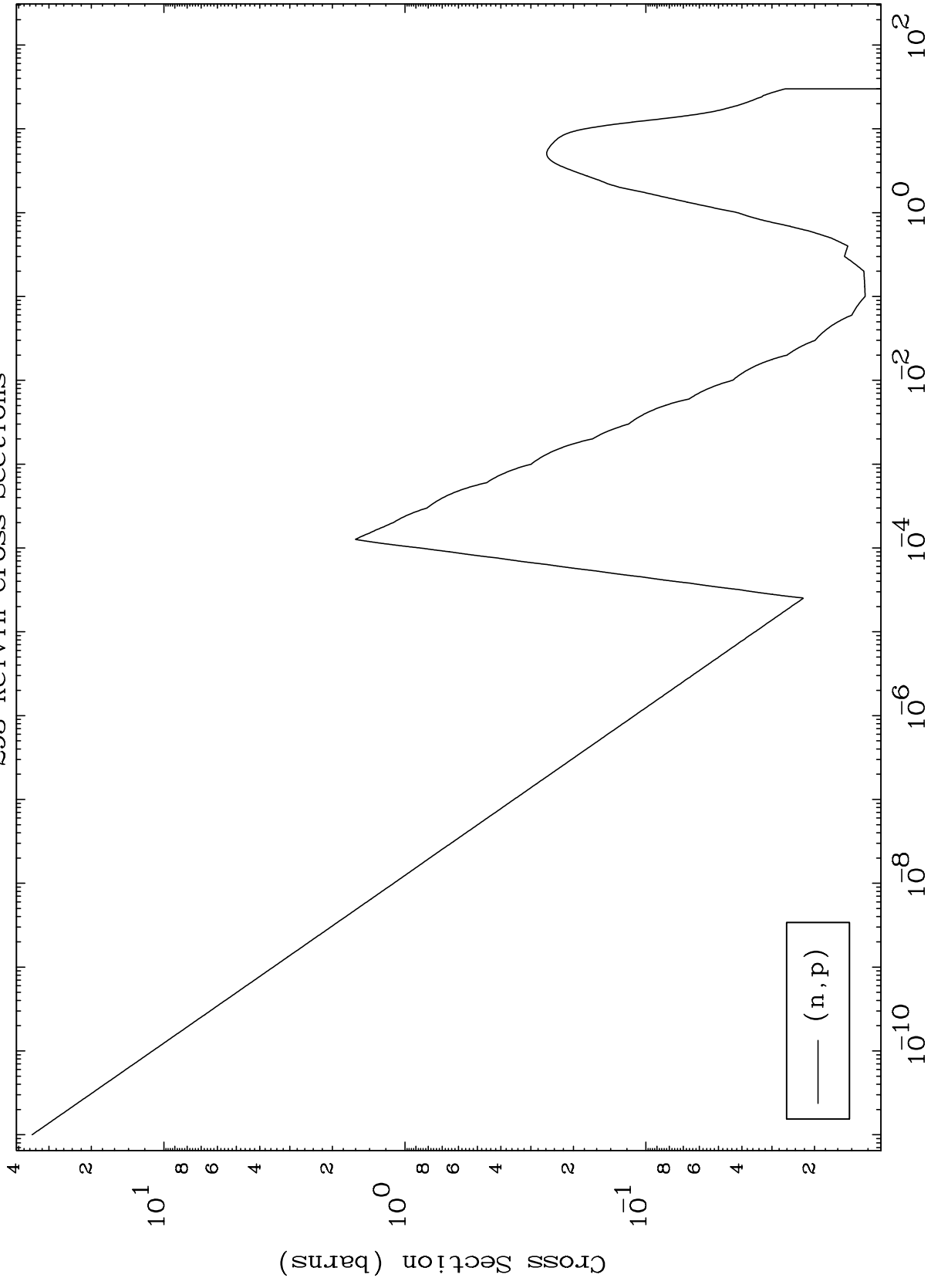
293 Kelvin Cross Sections



MAT 3119

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-67



10

Incident Energy (MeV)

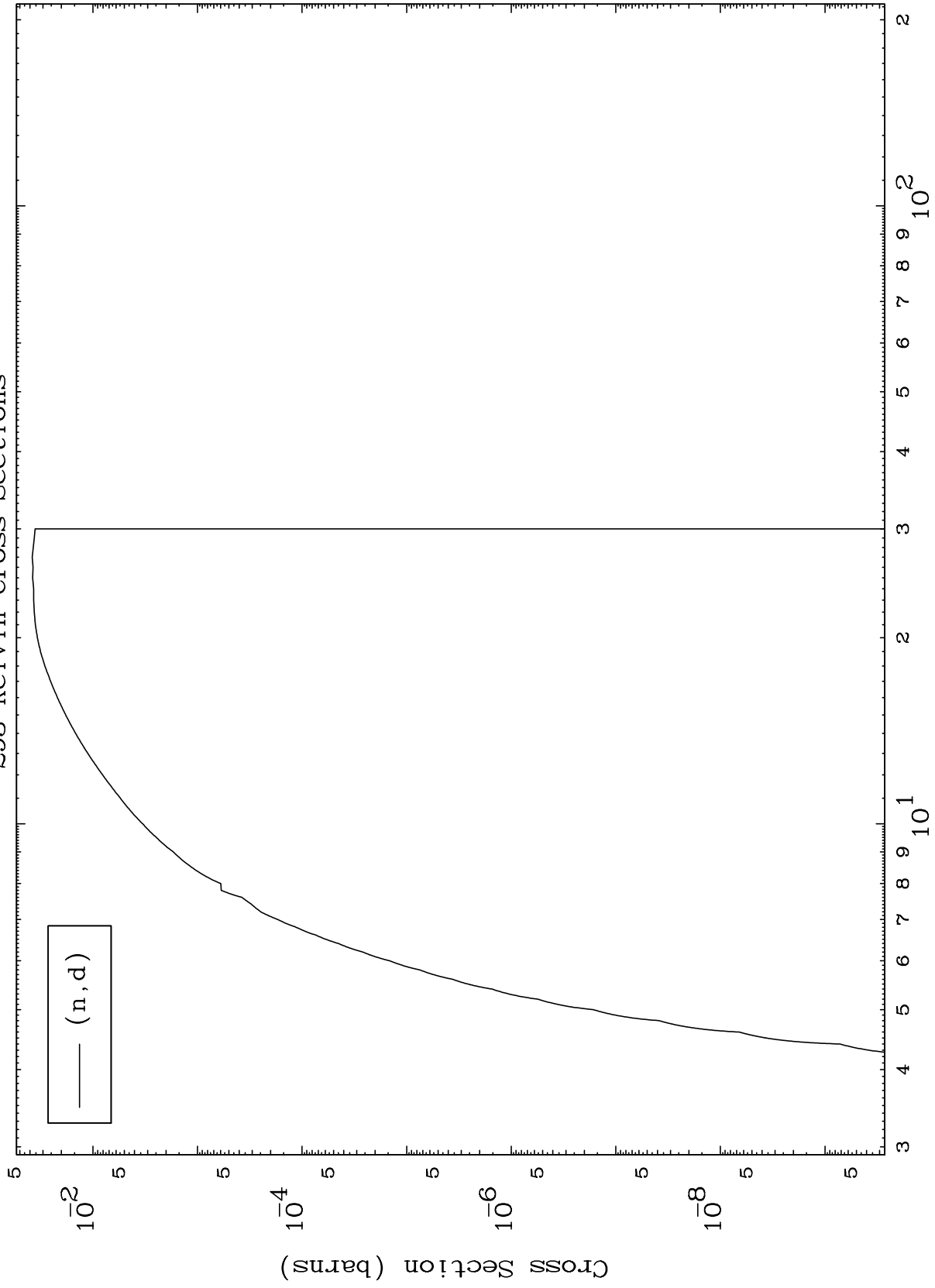
31-Ga-67

— (n, p)

MAT 3119

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-67



11

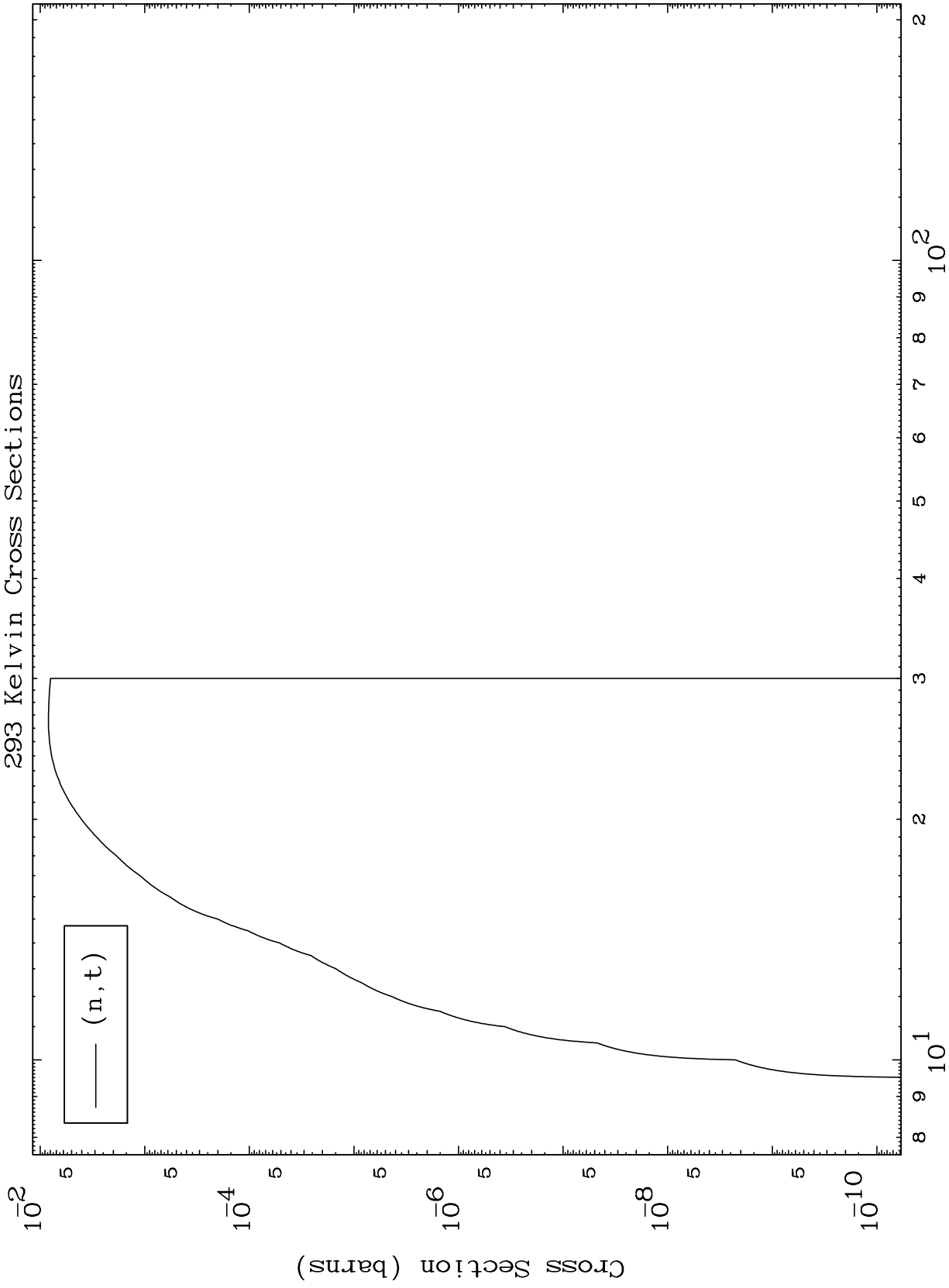
Incident Energy (MeV)

31-Ga-67

MAT 3119

31-Ga-67

(n,t) Levels
293 Kelvin Cross Sections



12

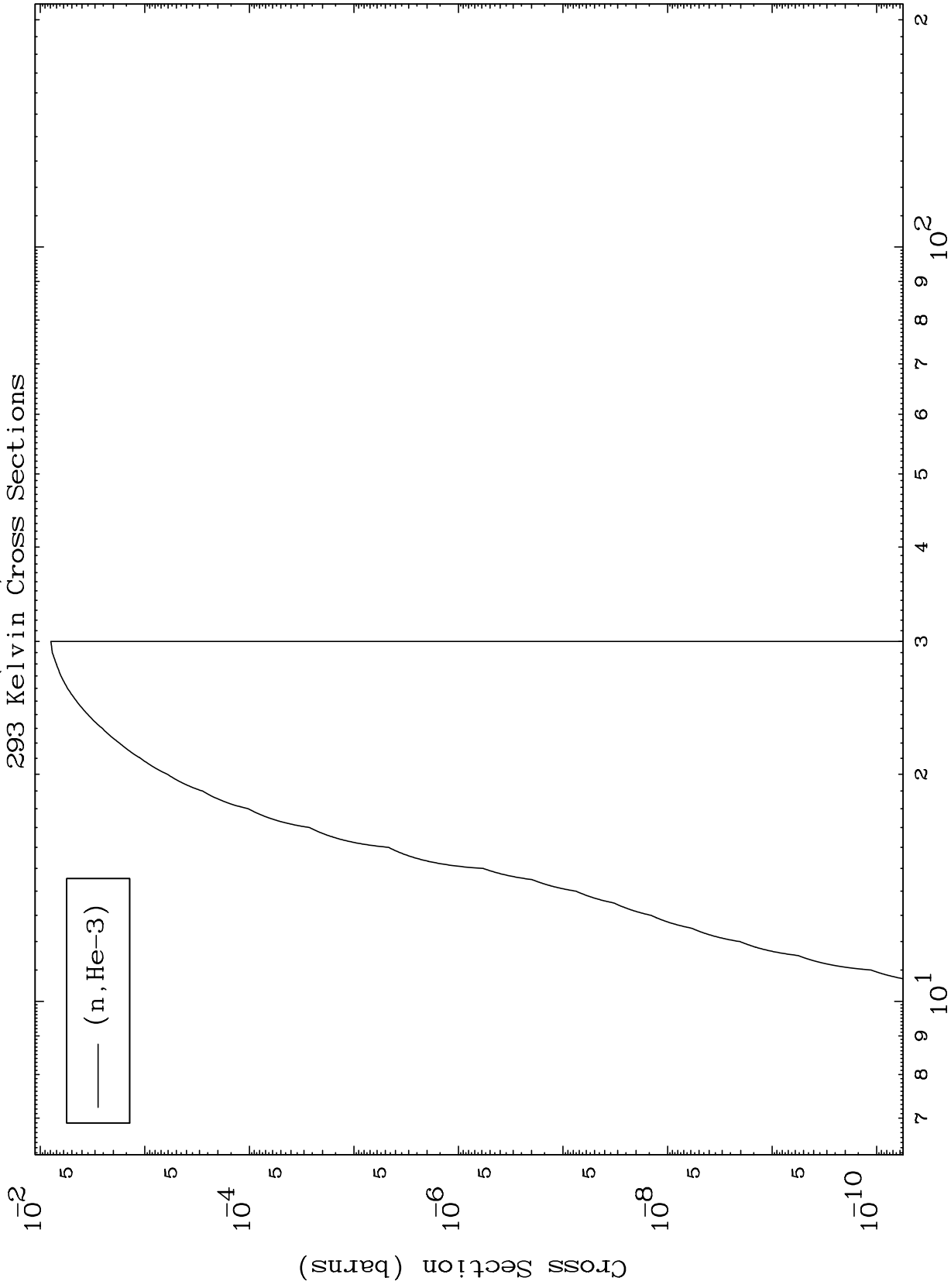
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-67



13

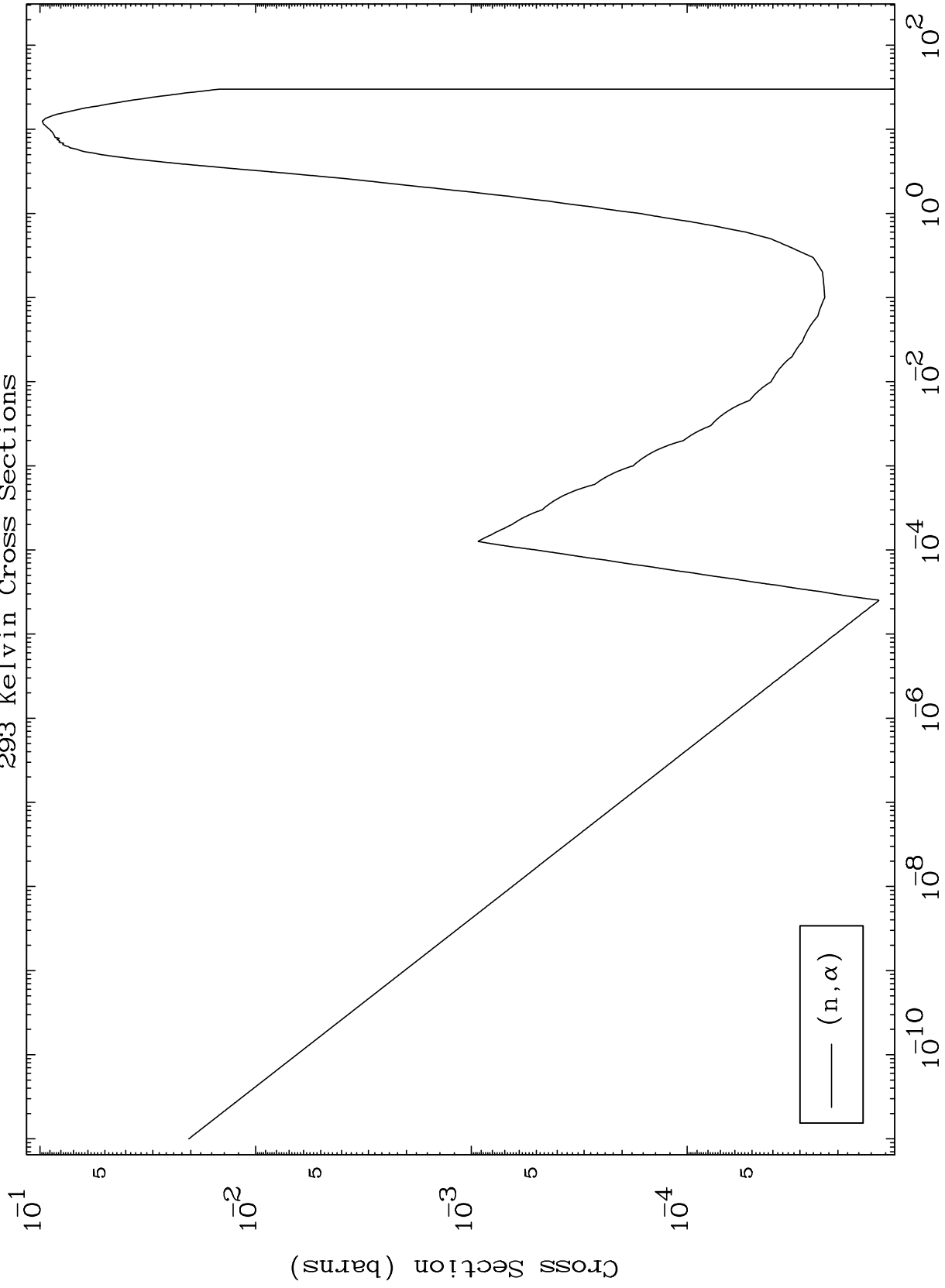
Incident Energy (MeV)

31-Ga-67

MAT 3119

(n, α) Levels
293 Kelvin Cross Sections

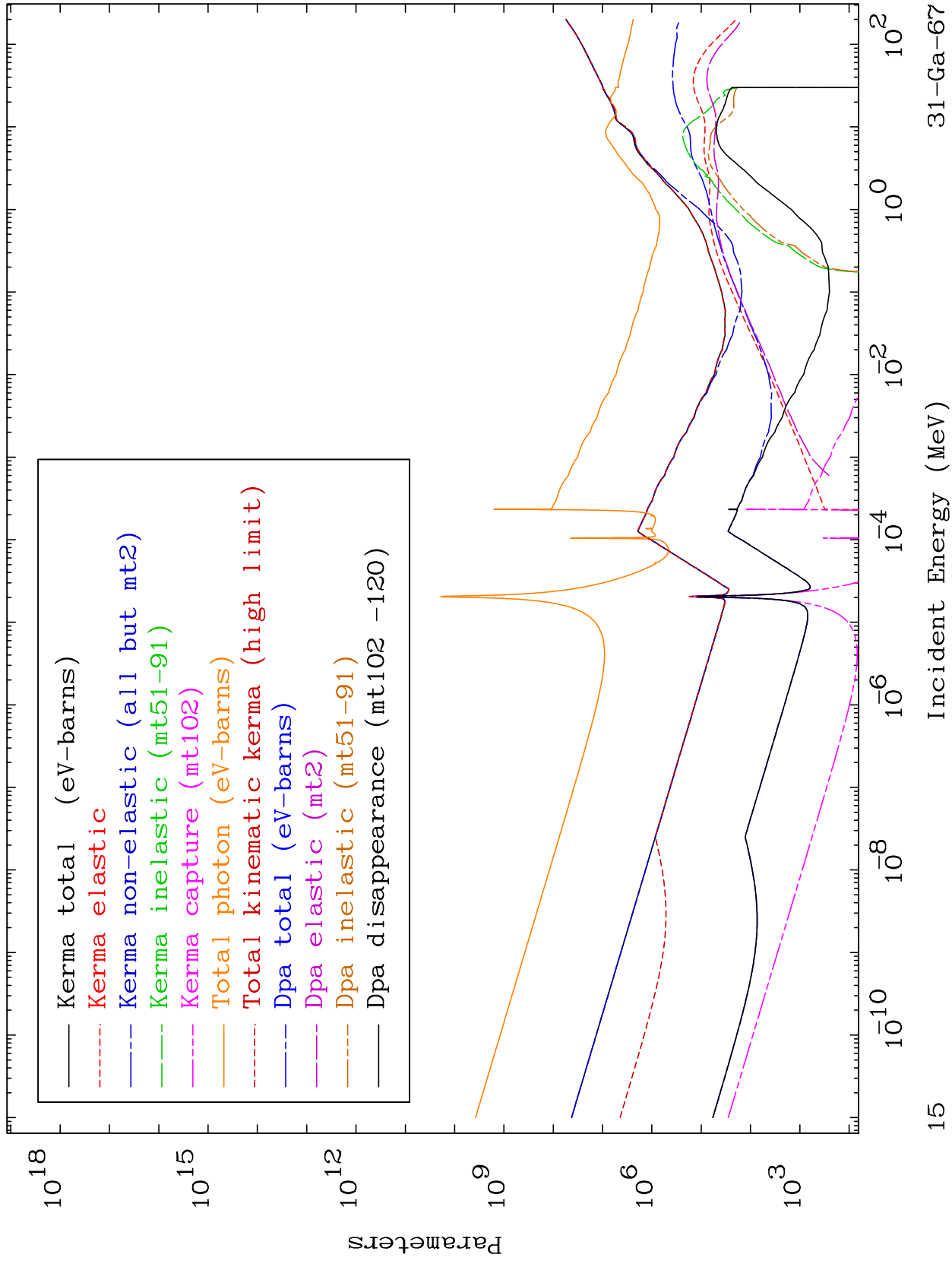
31-Ga-67



14

Incident Energy (MeV)

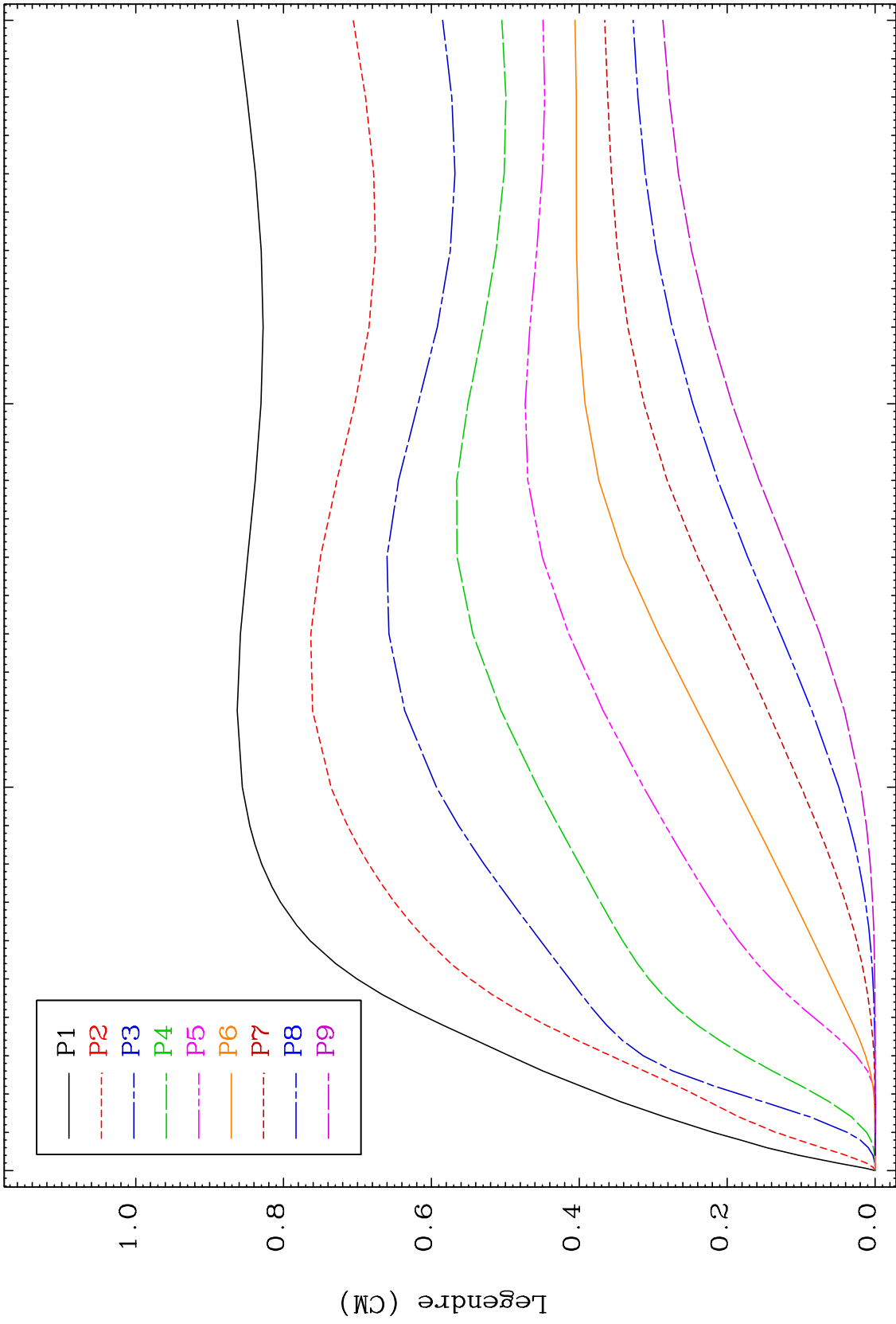
31-Ga-67



MAT 3119

Elastic Legendre Coefficients

31-Ga-67



16

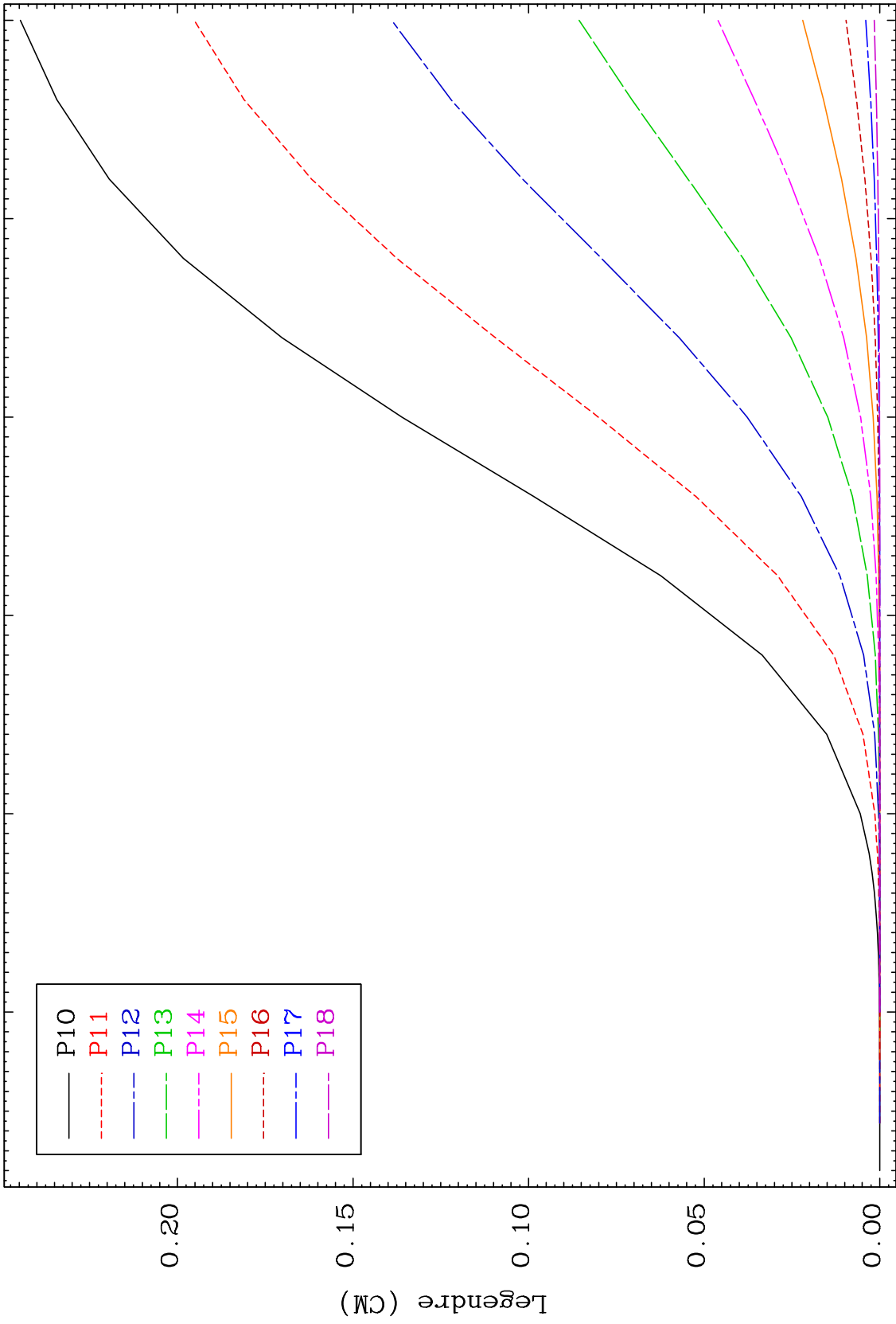
Incident Energy (MeV)

31-Ga-67

MAT 3119

Elastic Legendre Coefficients

31-Ga-67



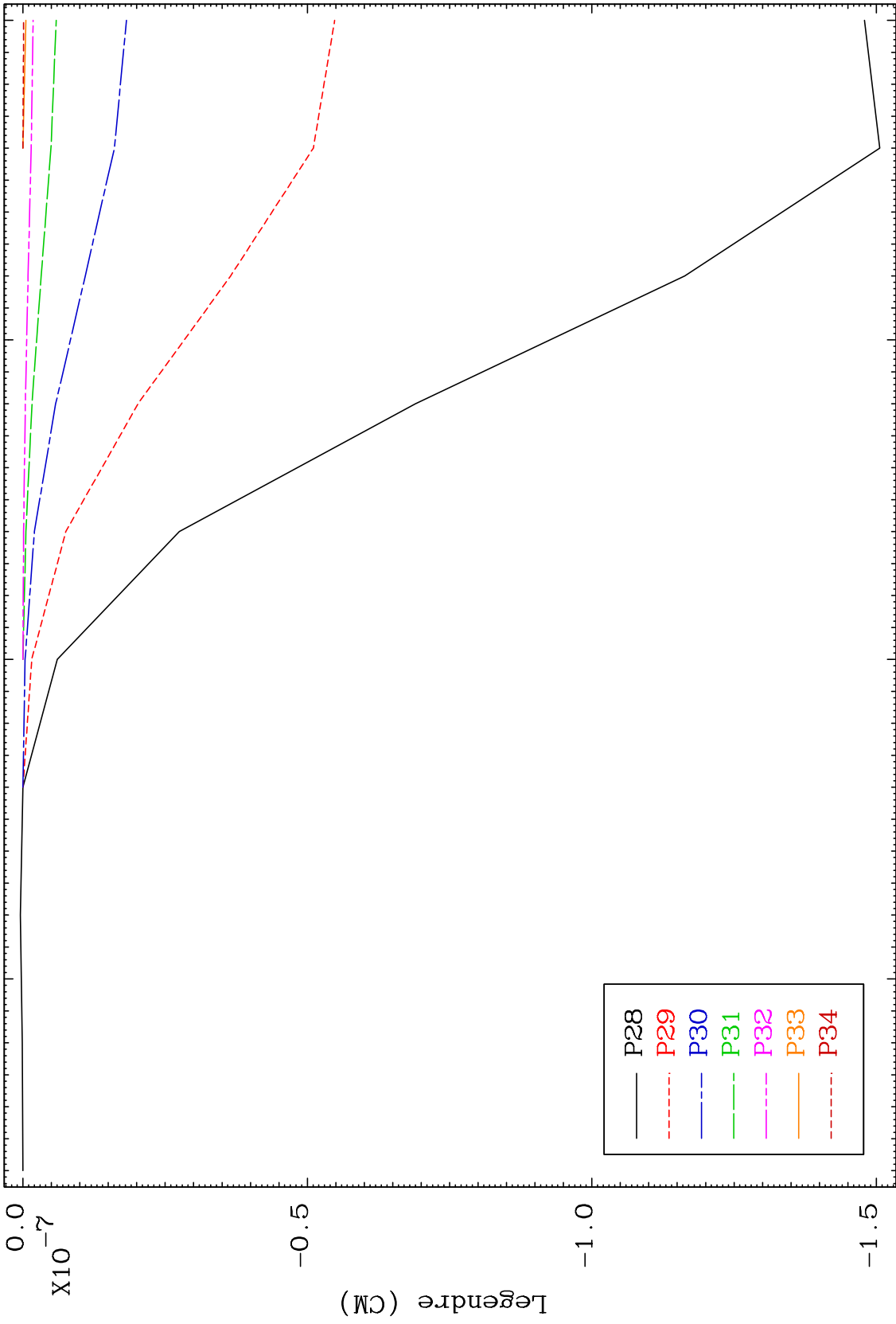
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31-Ga-67

MAT 3119

31-Ga-67

Elastic Legendre Coefficients

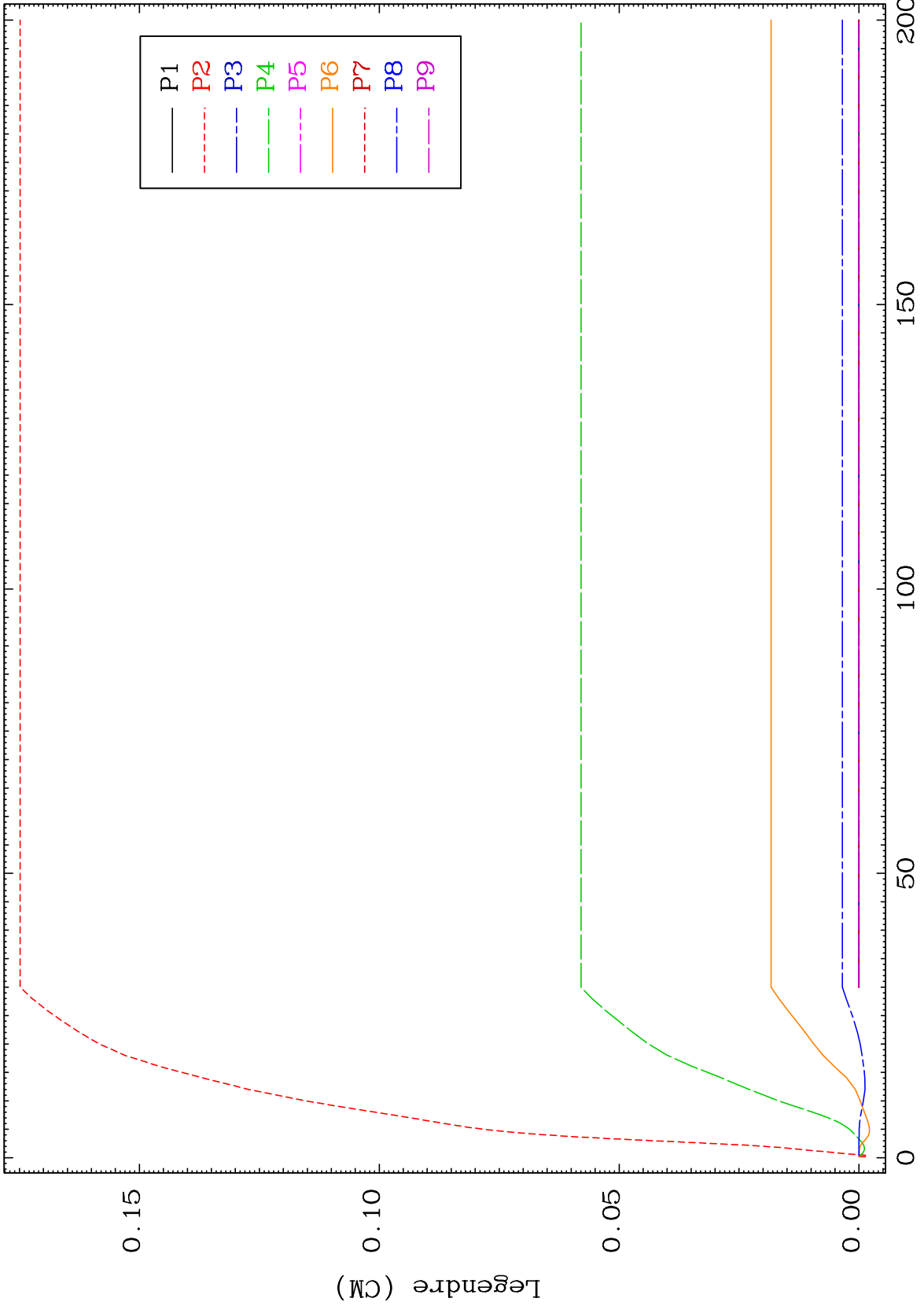


19

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-67

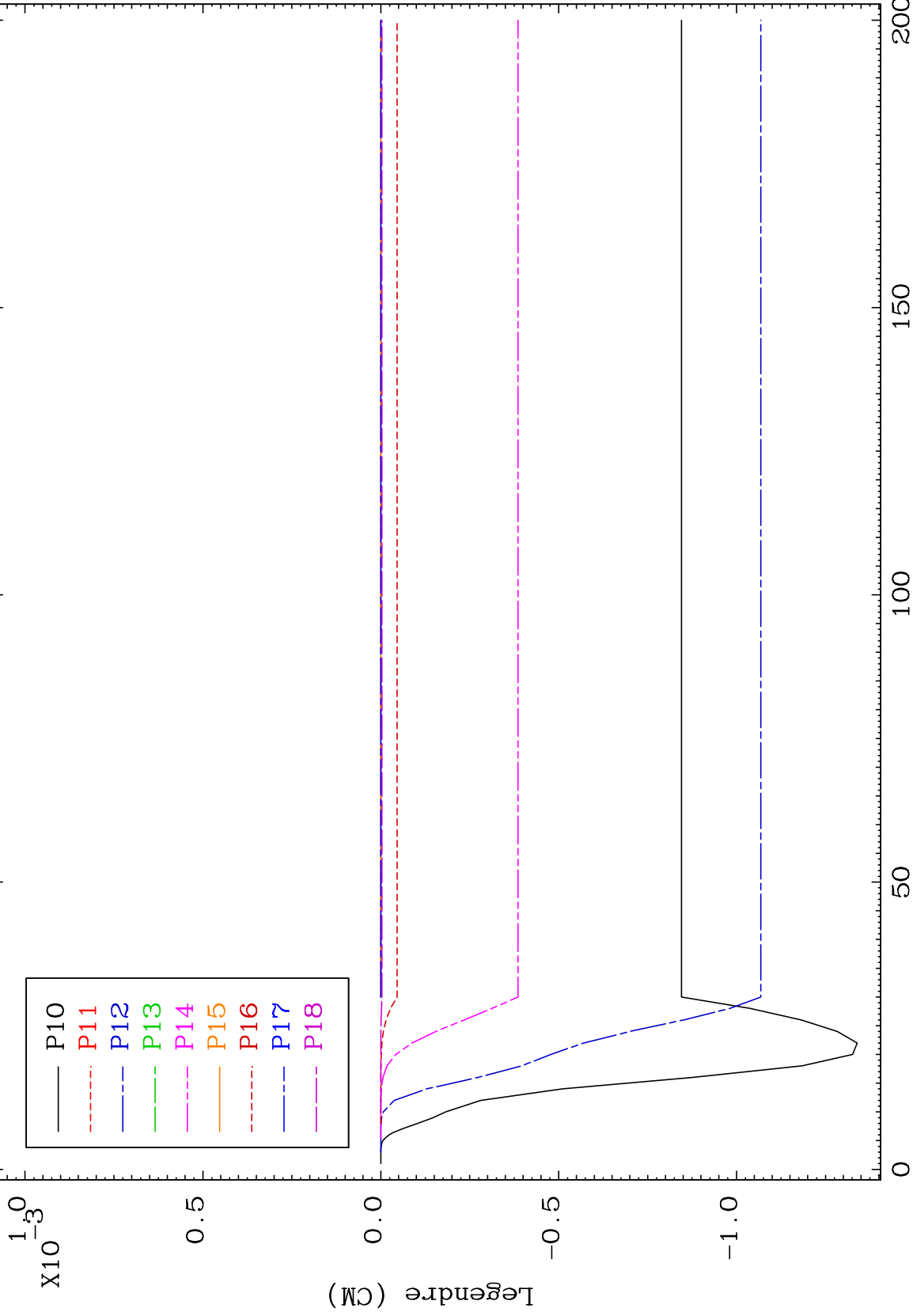


31-Ga-67

MAT 3119

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

31-Ga-67



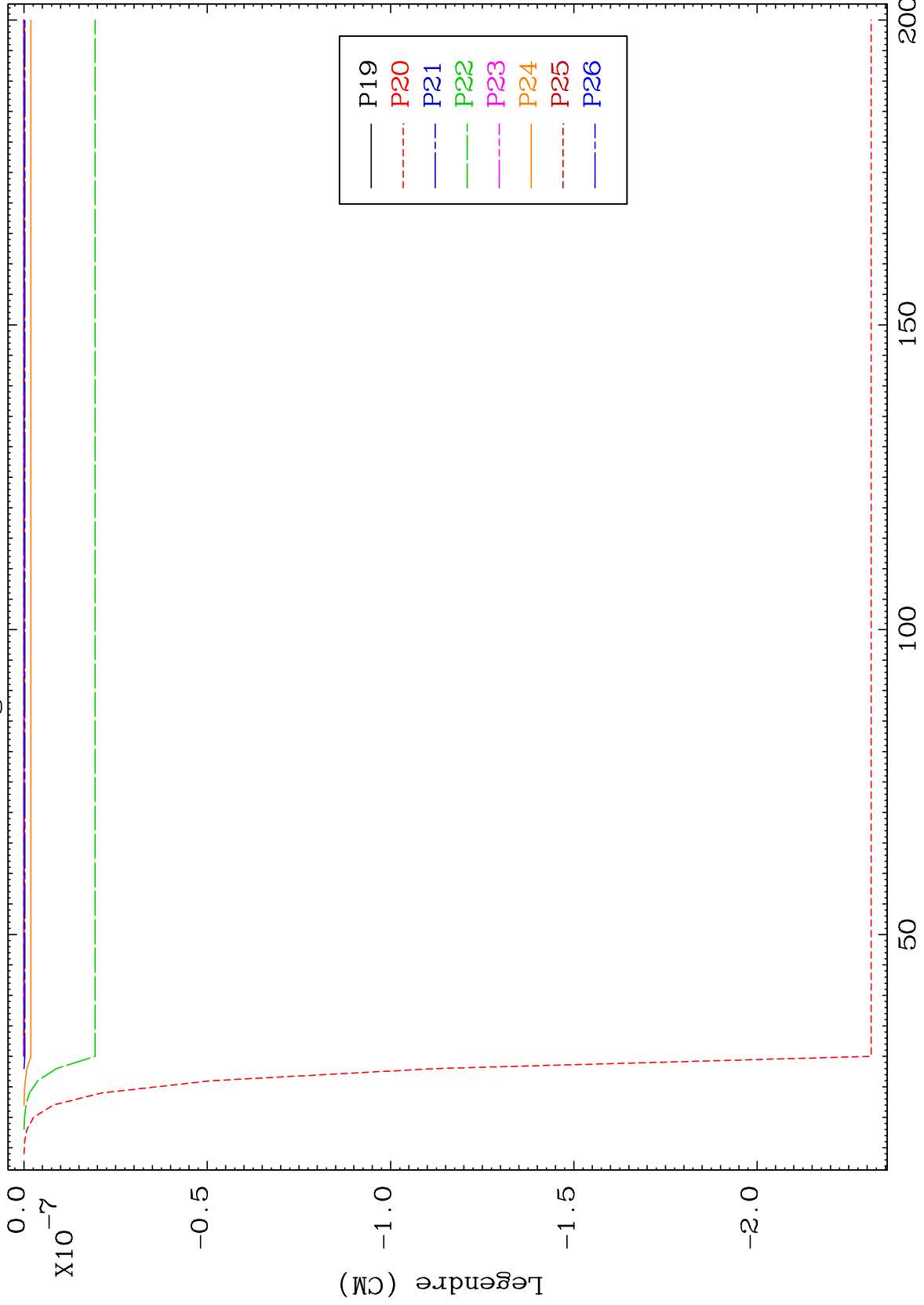
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31-Ga-67

MAT 3119

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

31-Ga-67



31-Ga-67

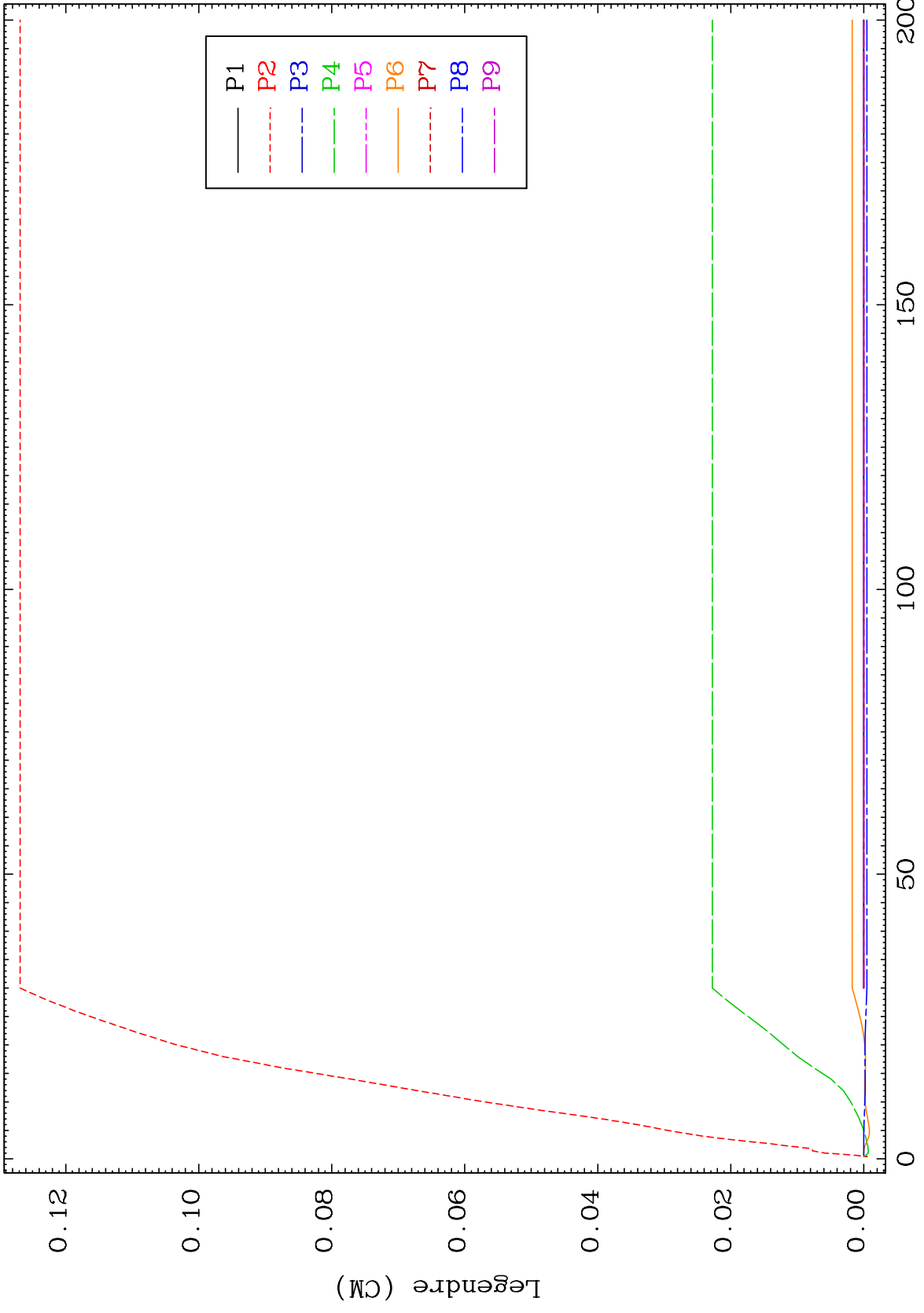
Incident Energy (MeV)

22

MAT 3119

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

31-Ga-67



23

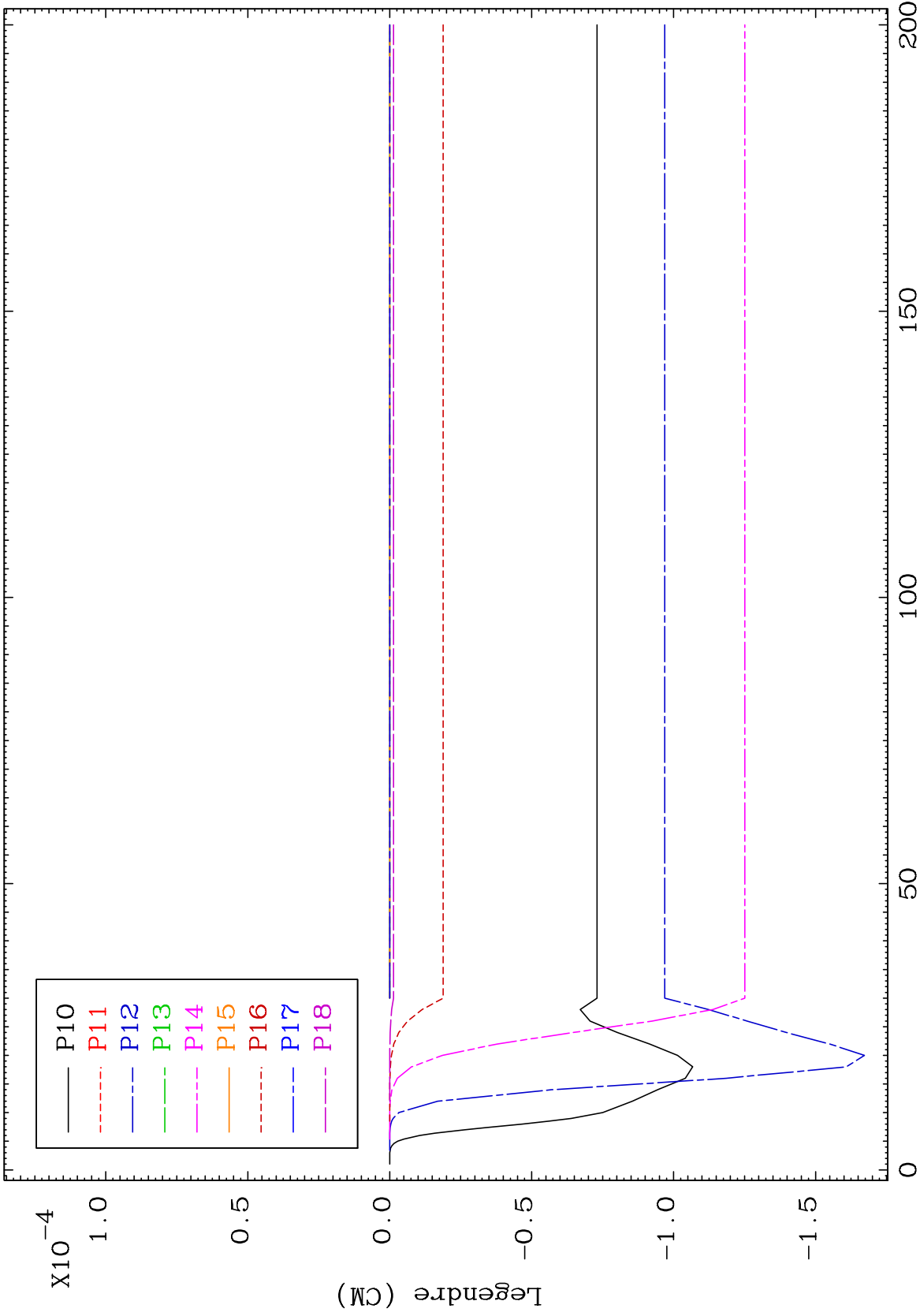
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



24

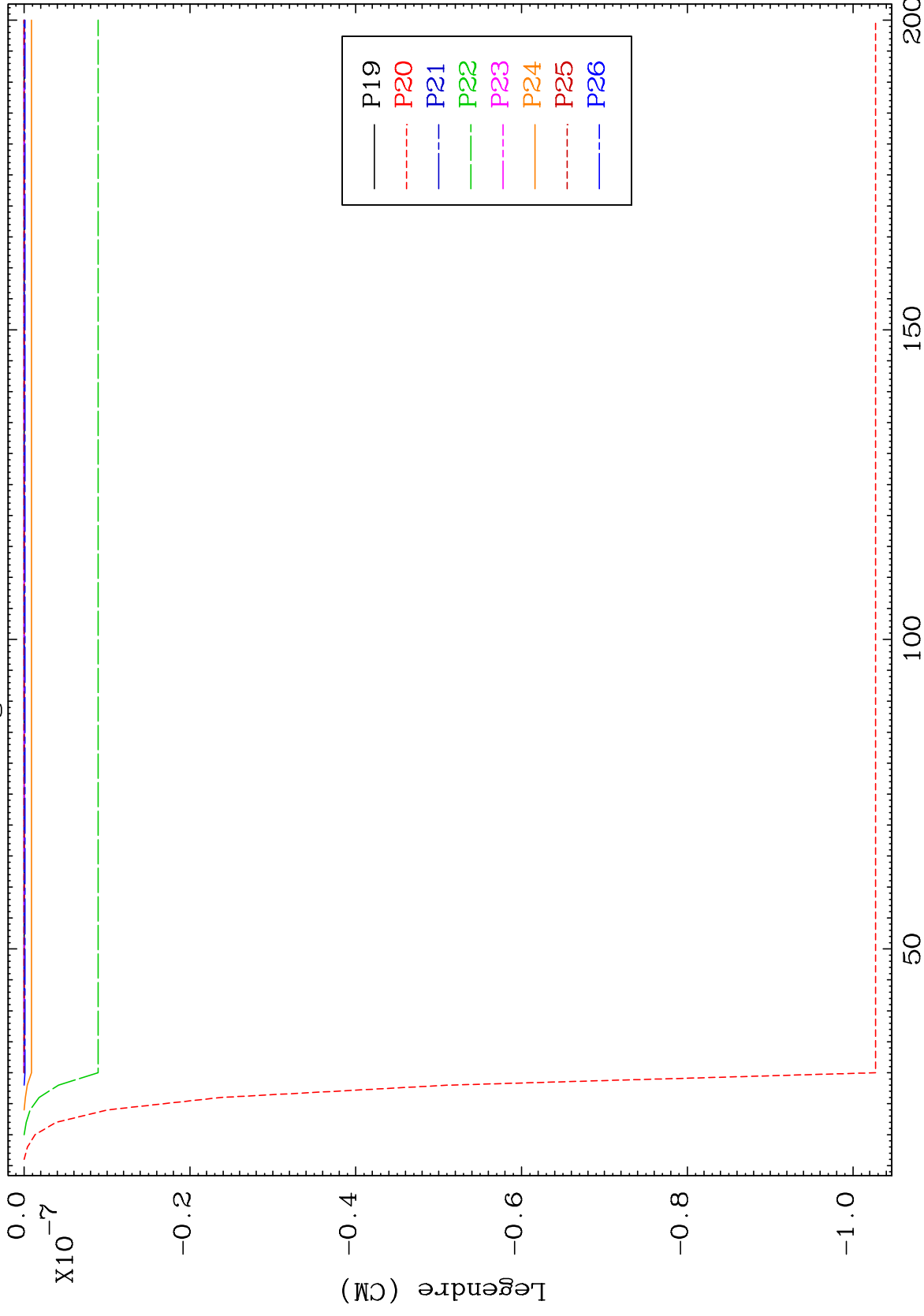
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



31-Ga-67

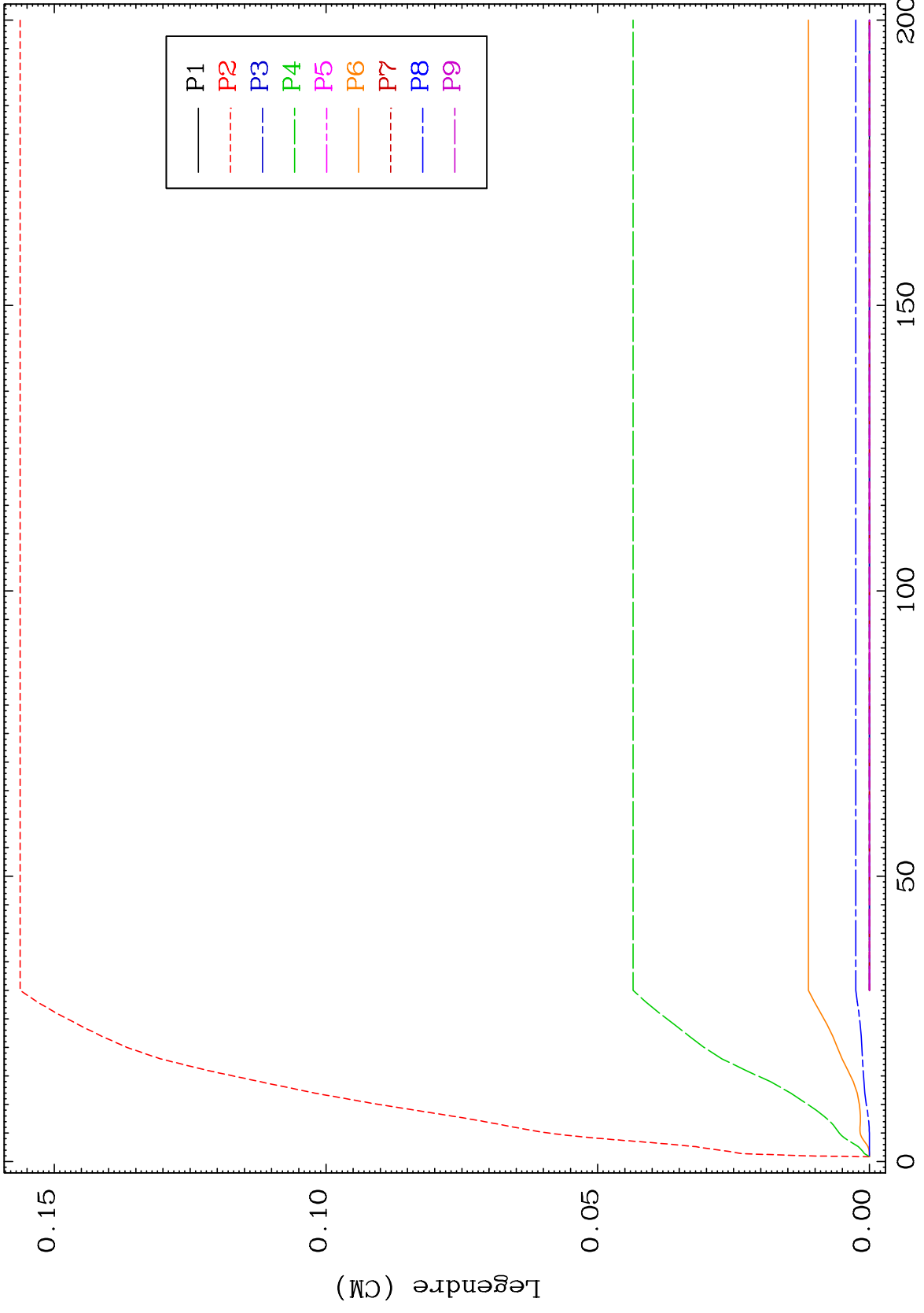
Incident Energy (MeV)

25

MAT 3119

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

31-Ga-67



26

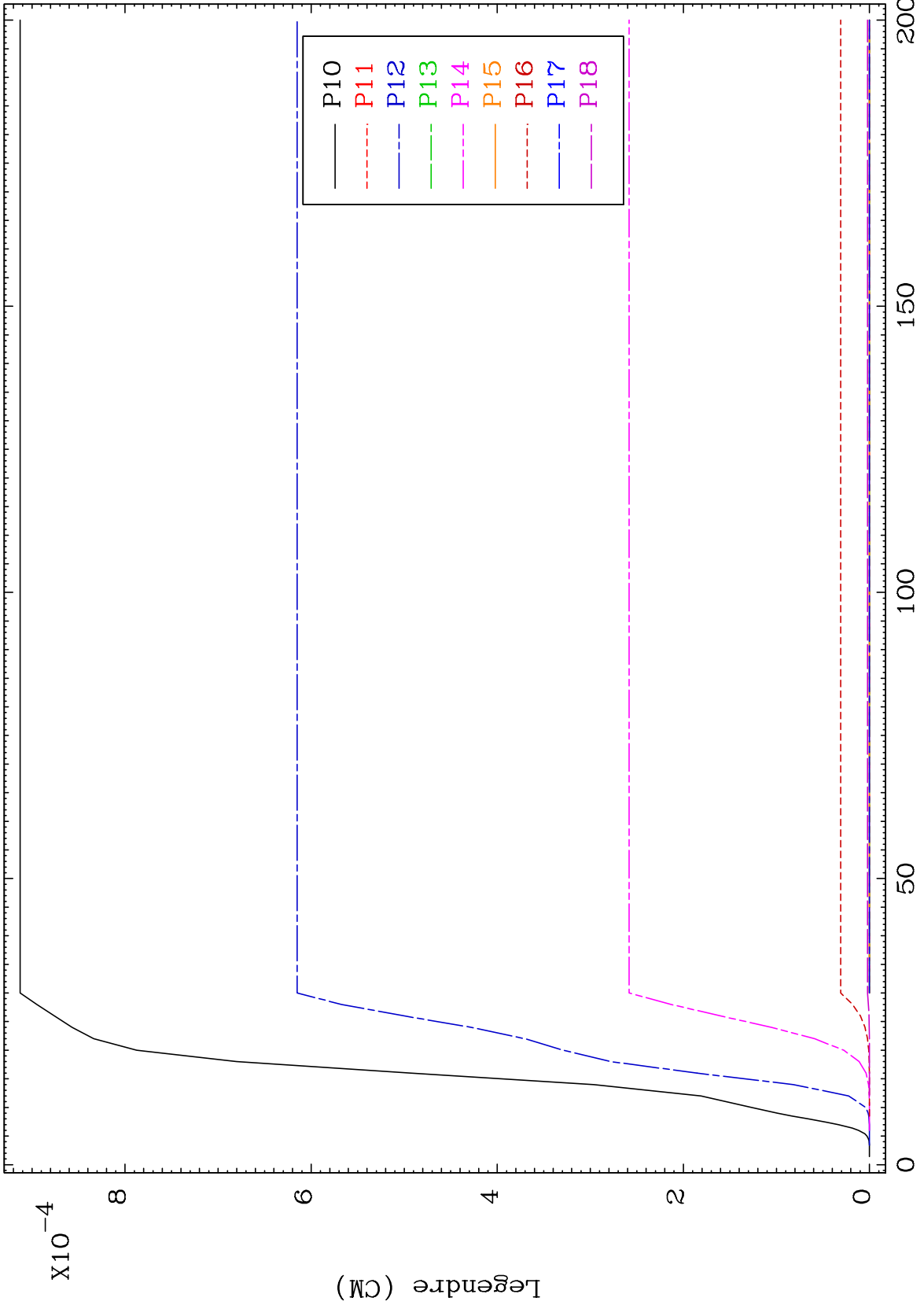
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

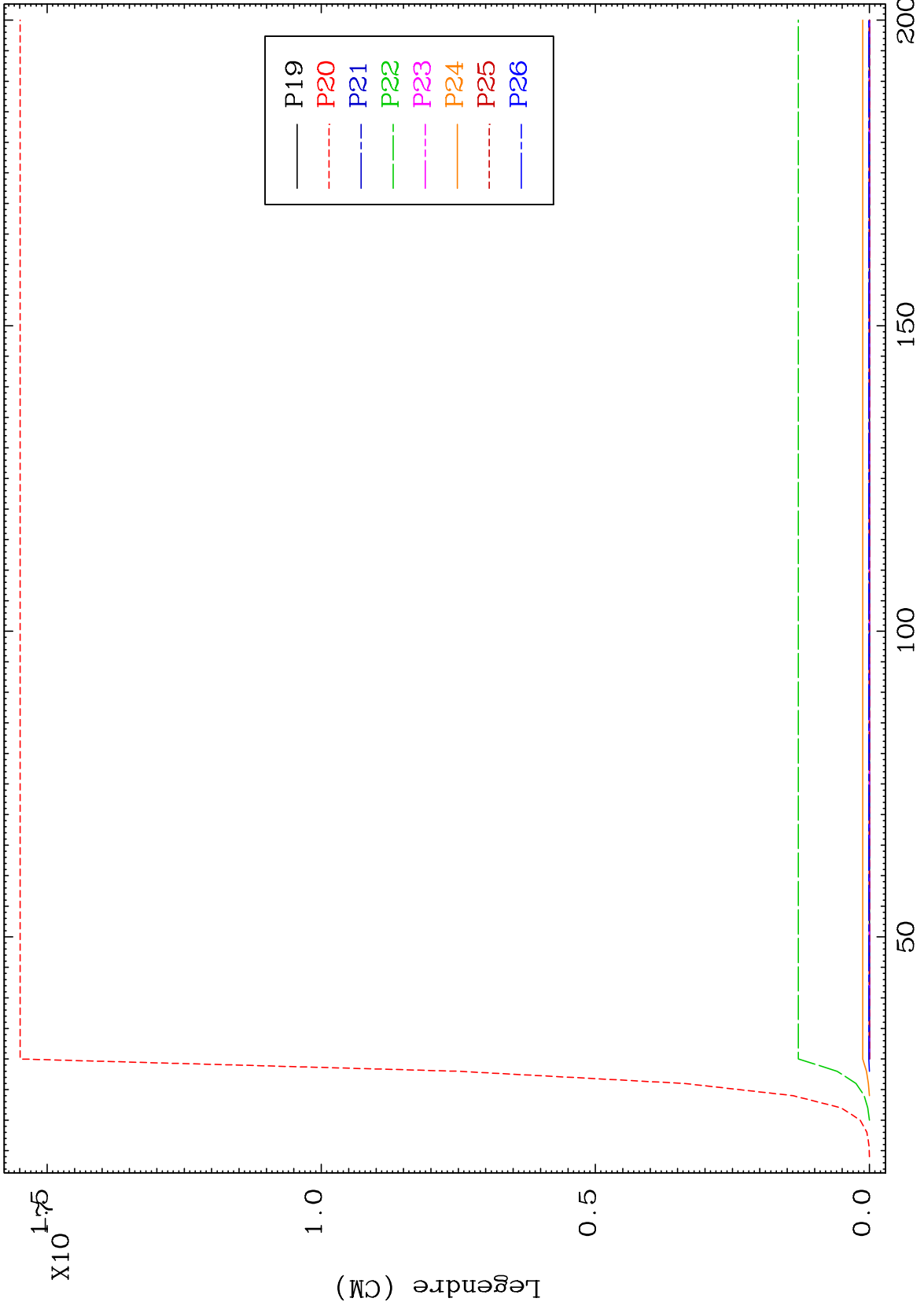


27

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 53 (n,n') Level Legendre Coefficients 31-Ga-67

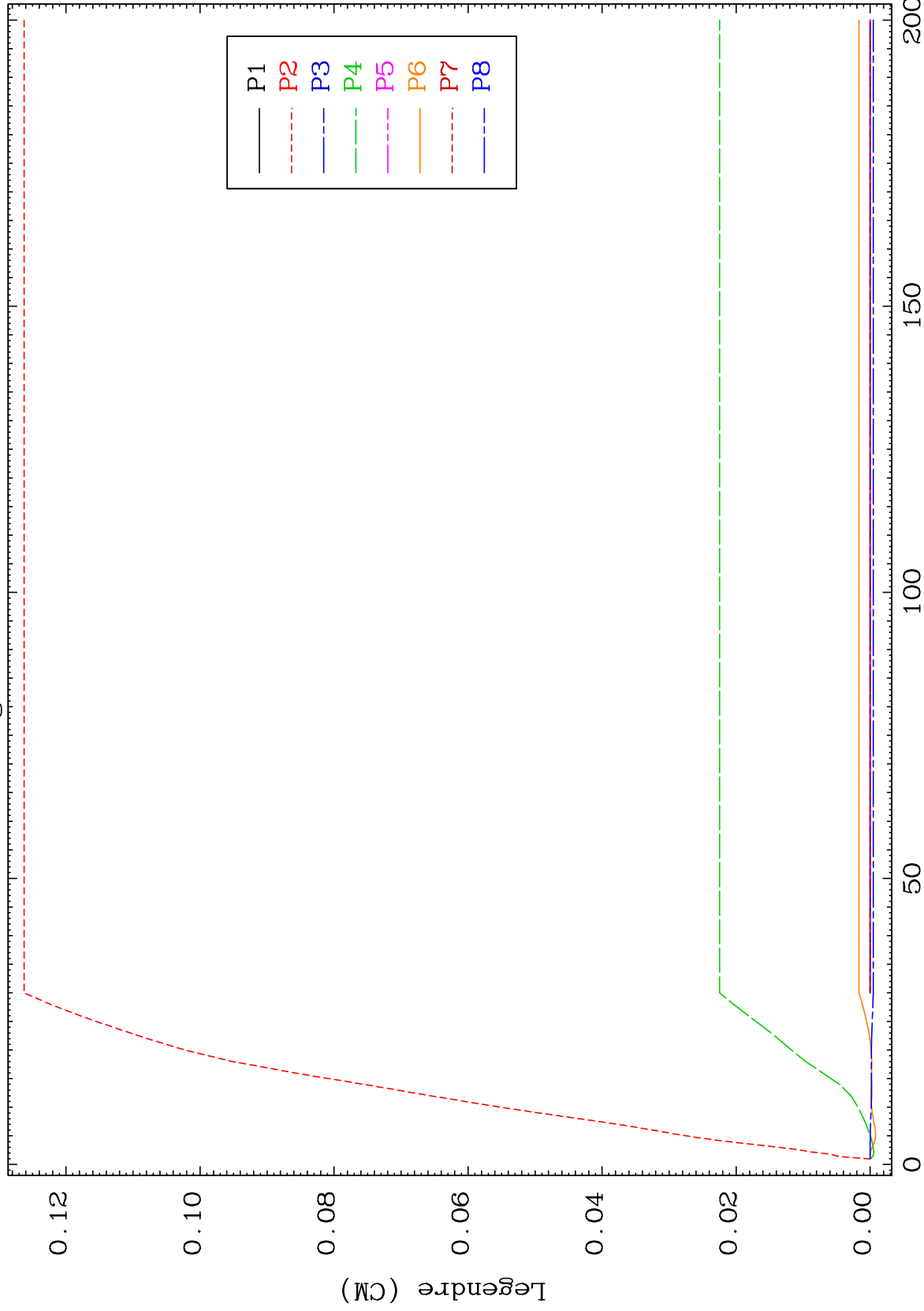


31-Ga-67

MAT 3119

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

31-Ga-67



29

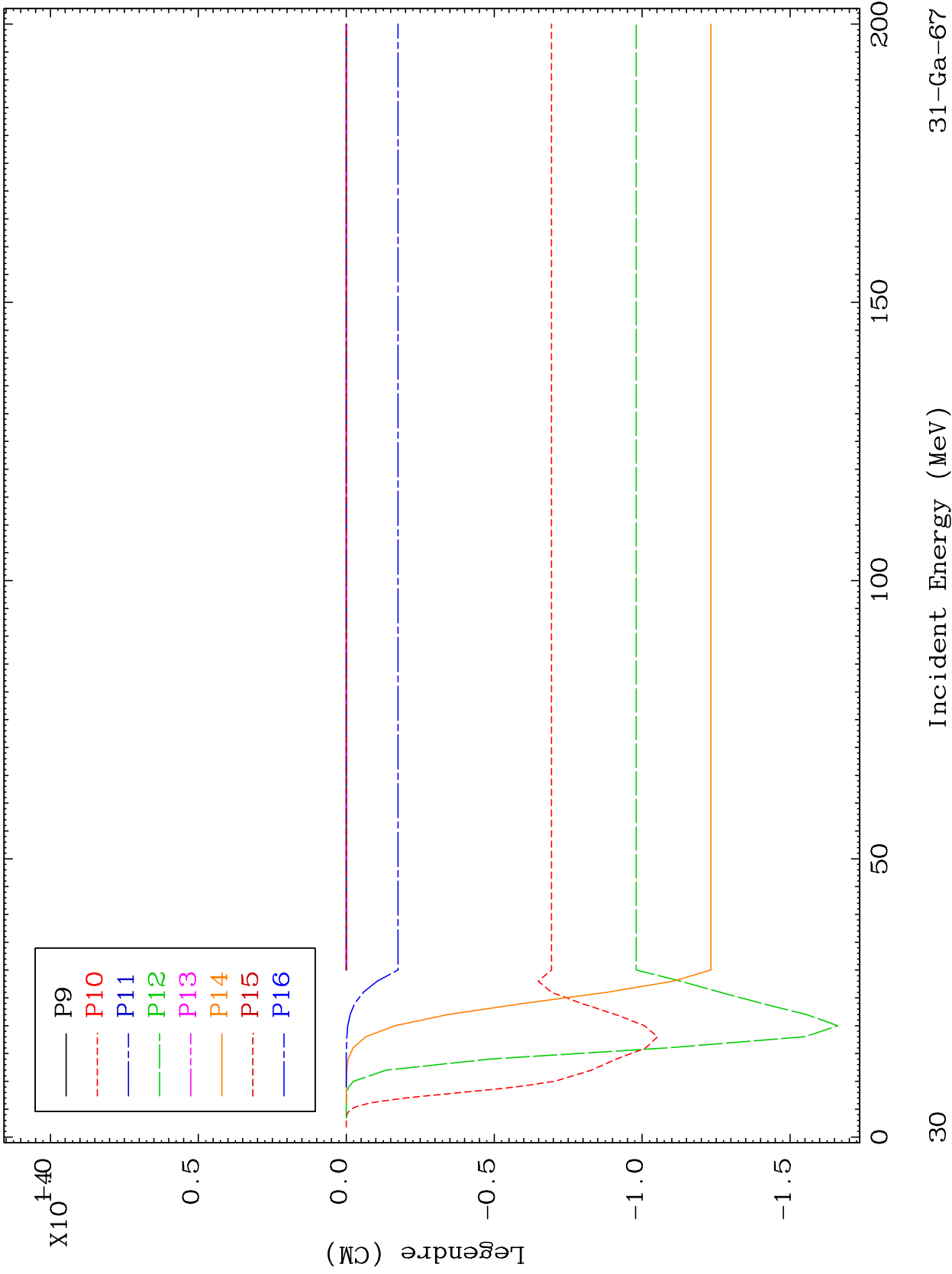
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

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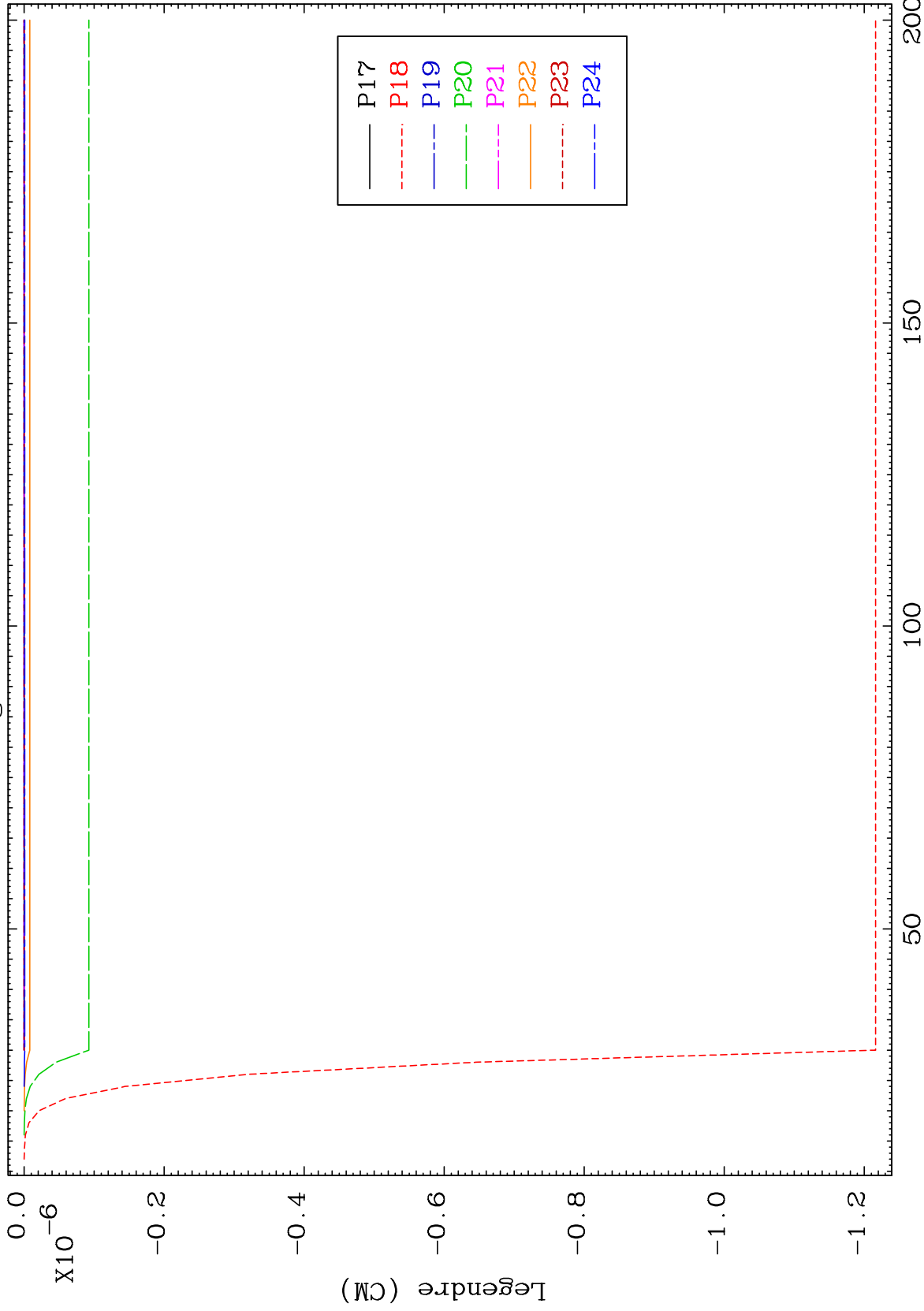


31-Ga-67

MAT 3119

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

31-Ga-67

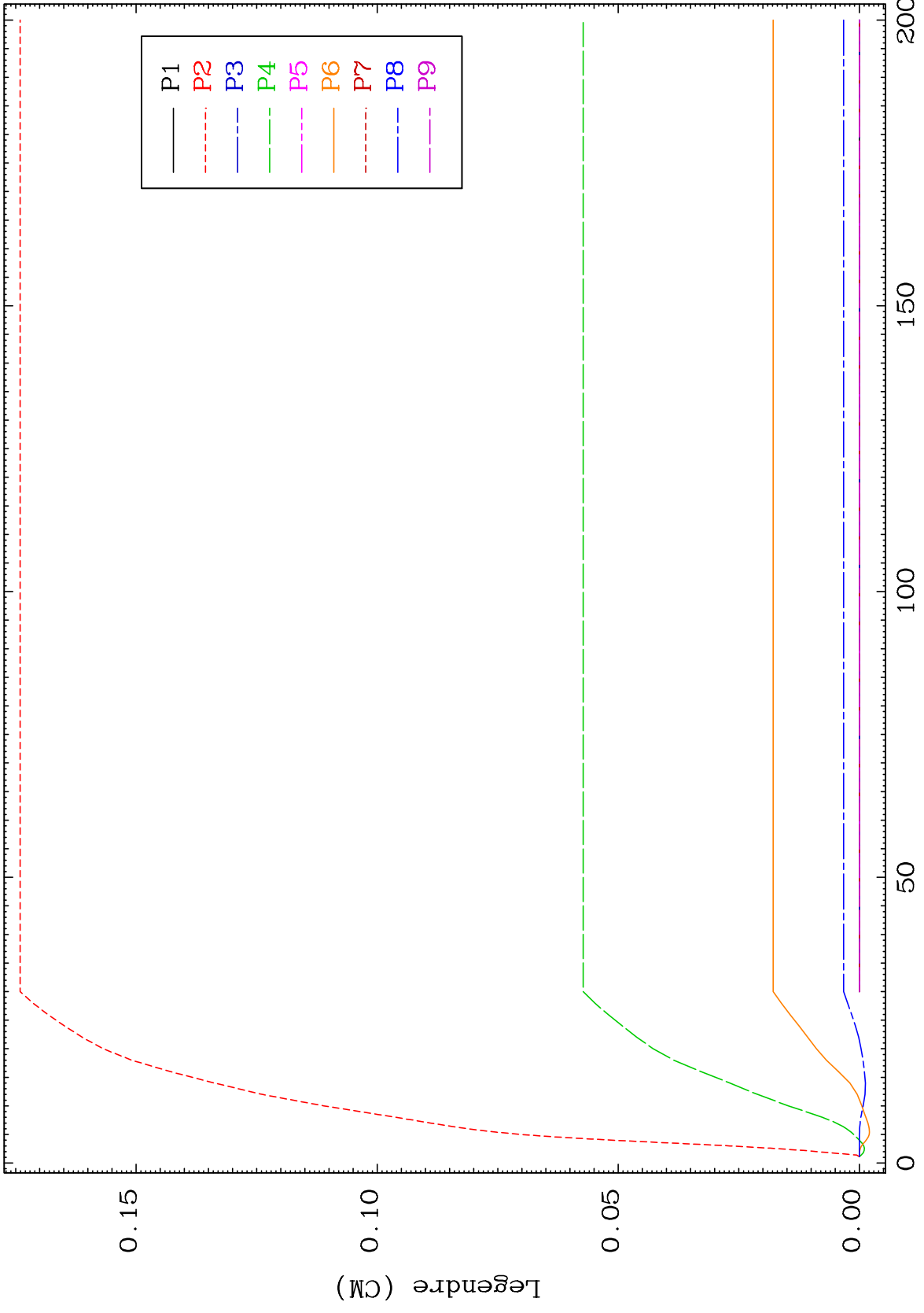


31

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-67

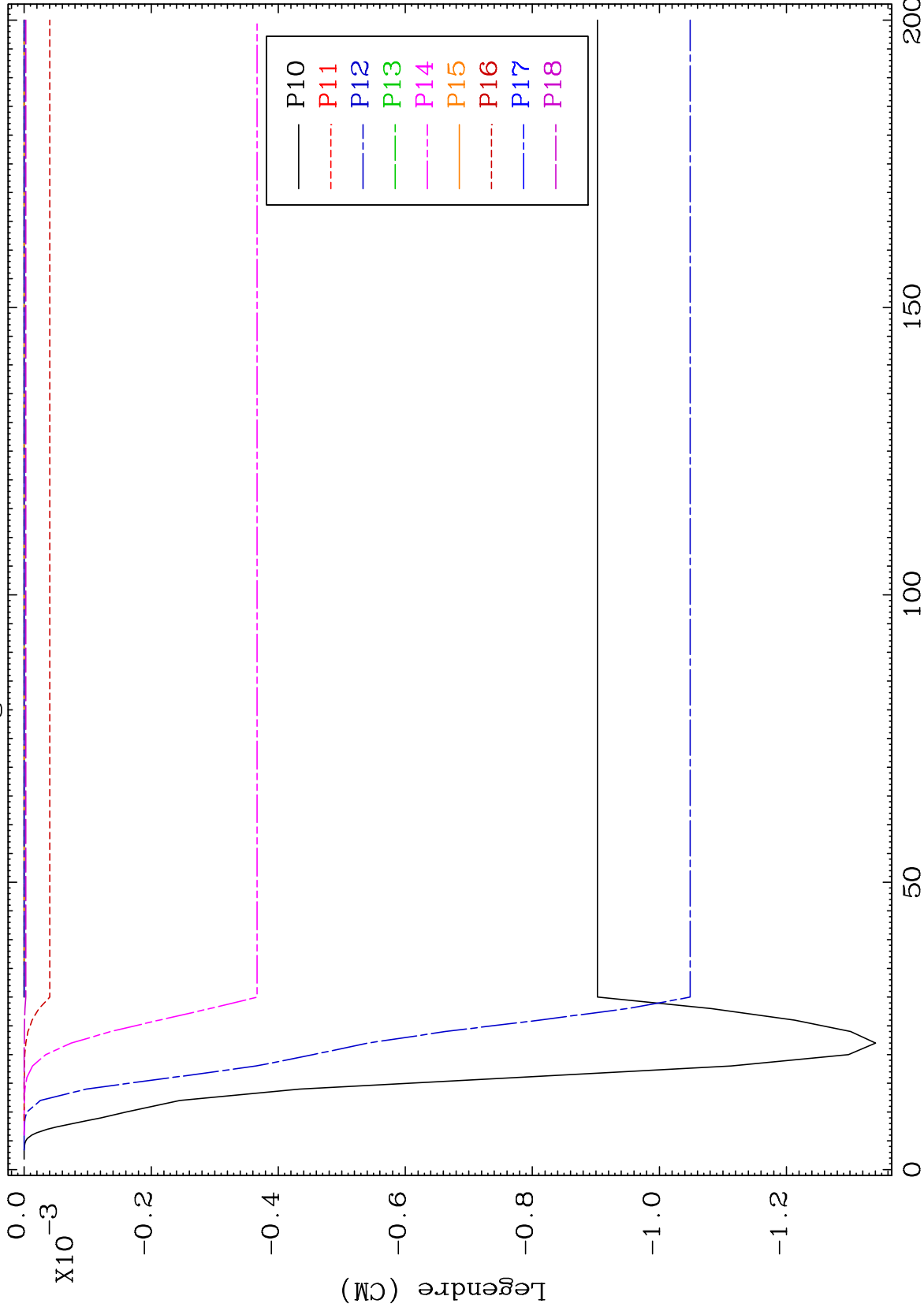


32 31-Ga-67

MAT 3119

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

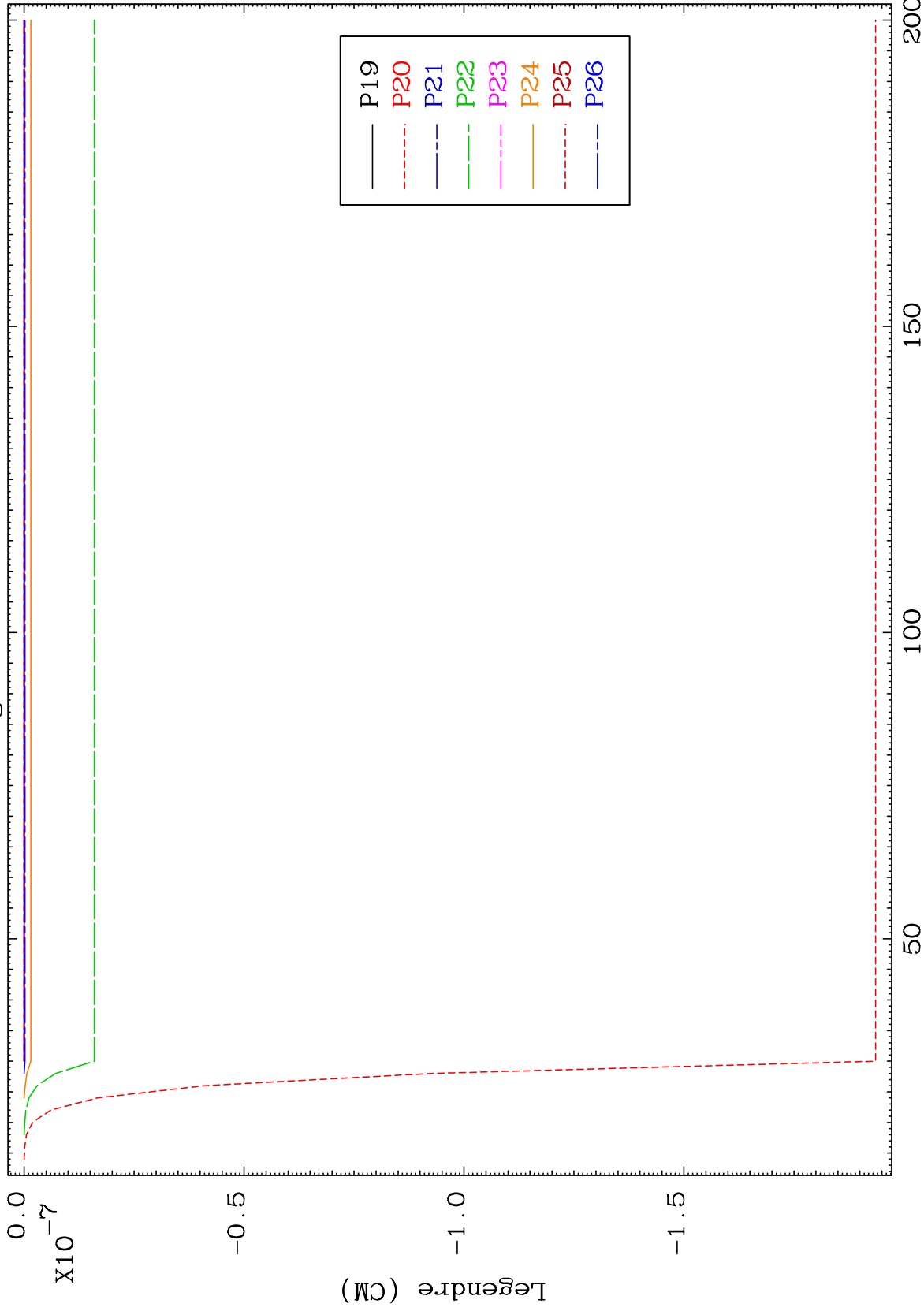
31-Ga-67



33

Incident Energy (MeV)

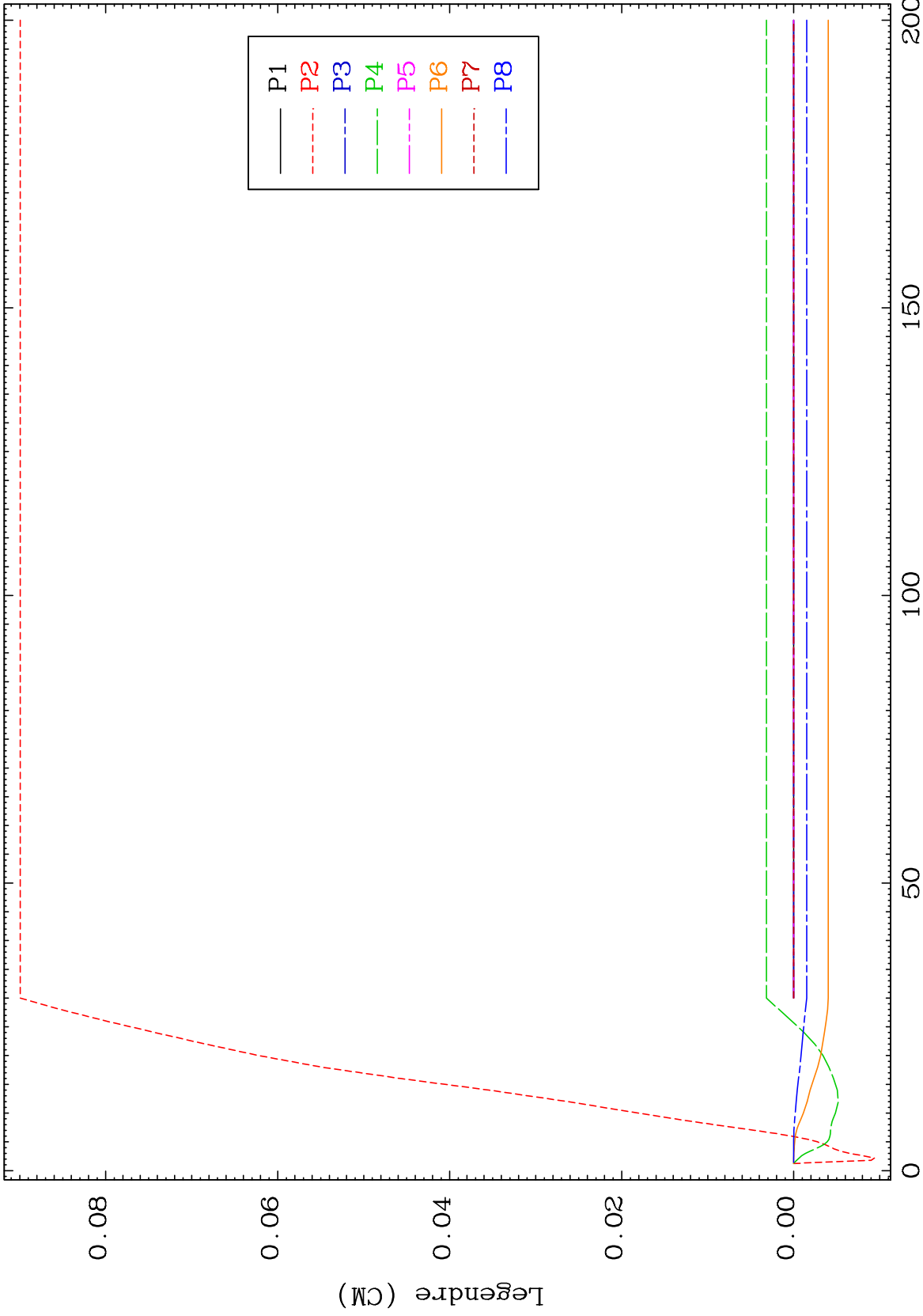
31-Ga-67



MAT 3119

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

31-Ga-67



35

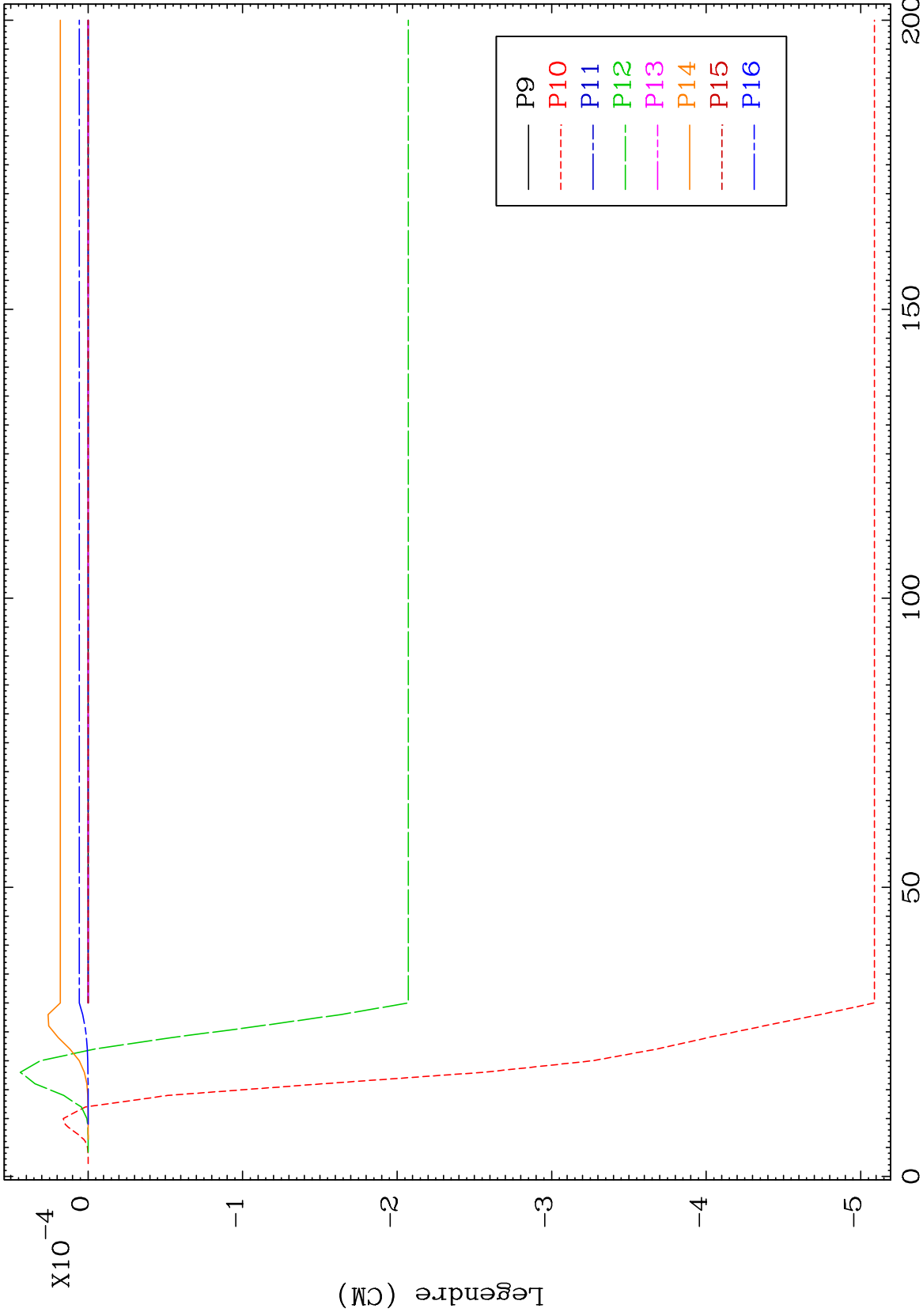
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

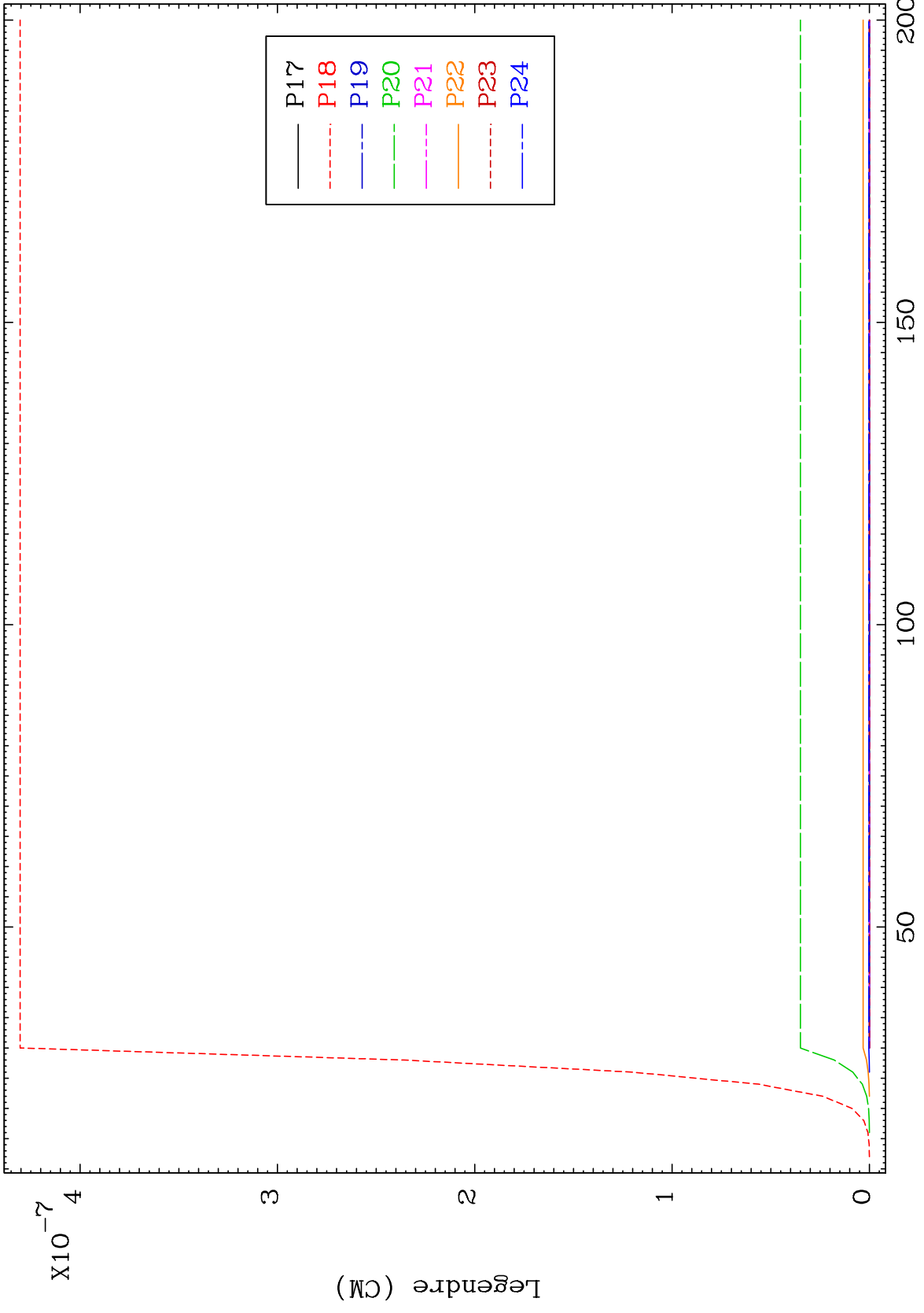


36

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-67

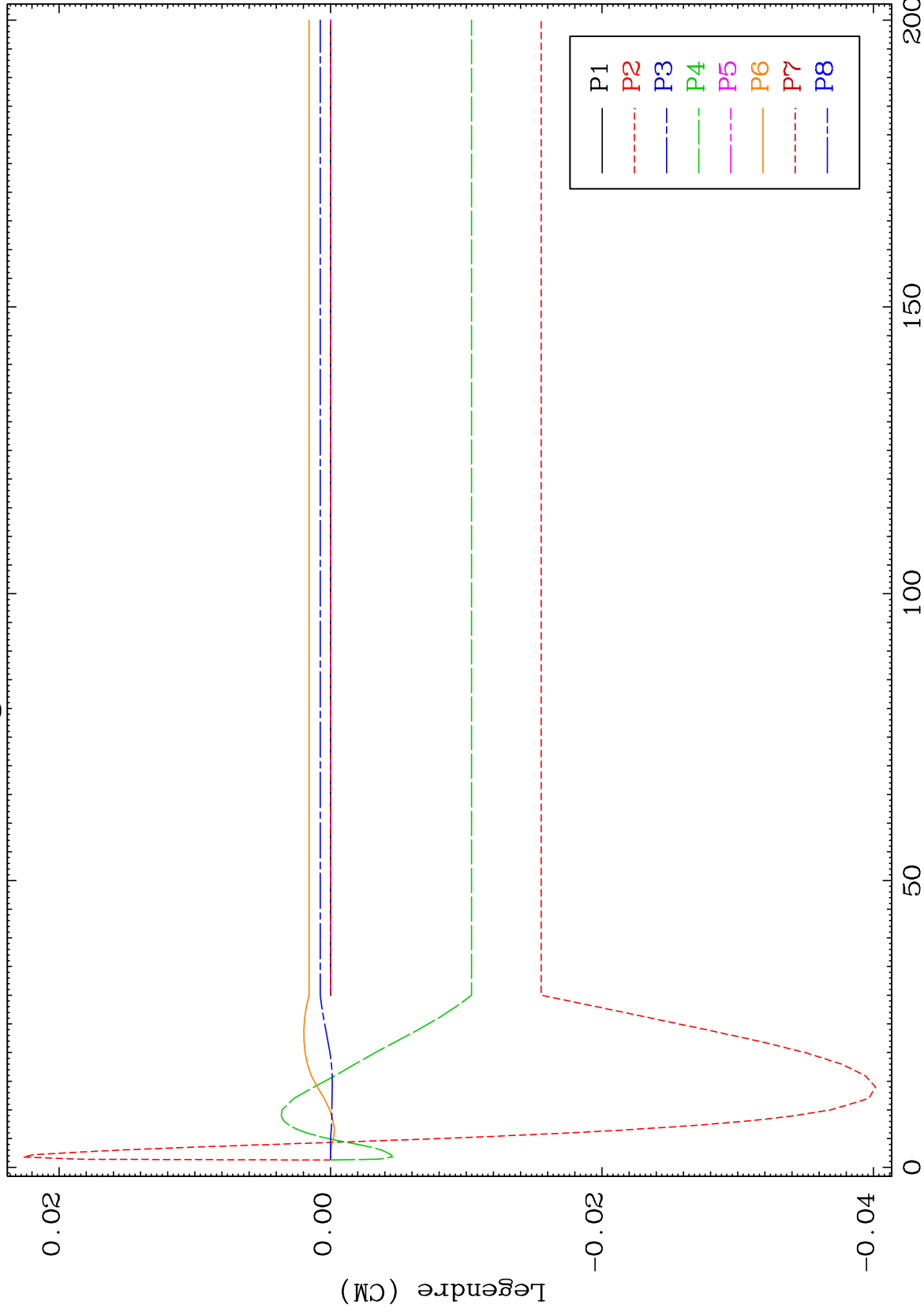


37 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67



38

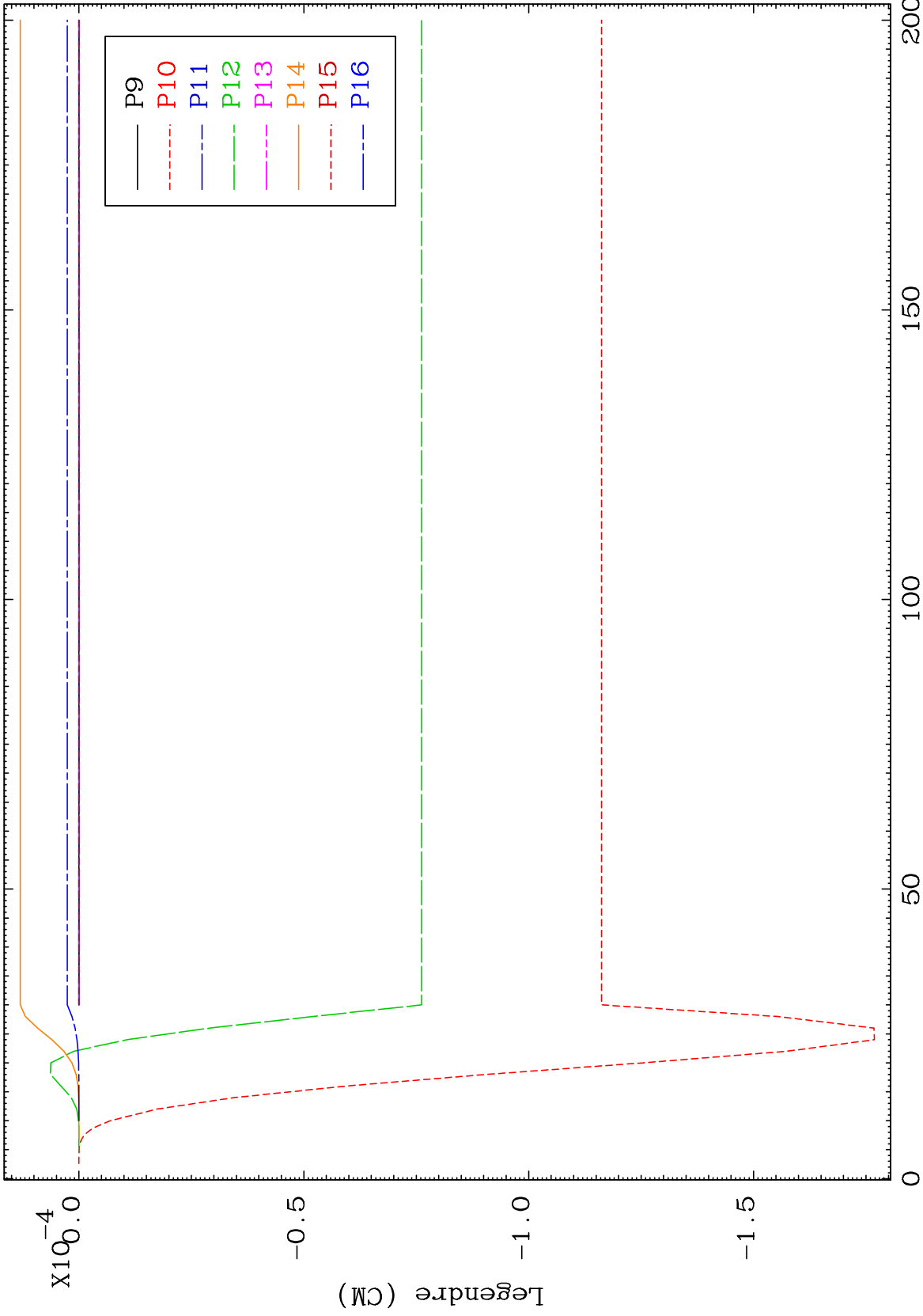
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

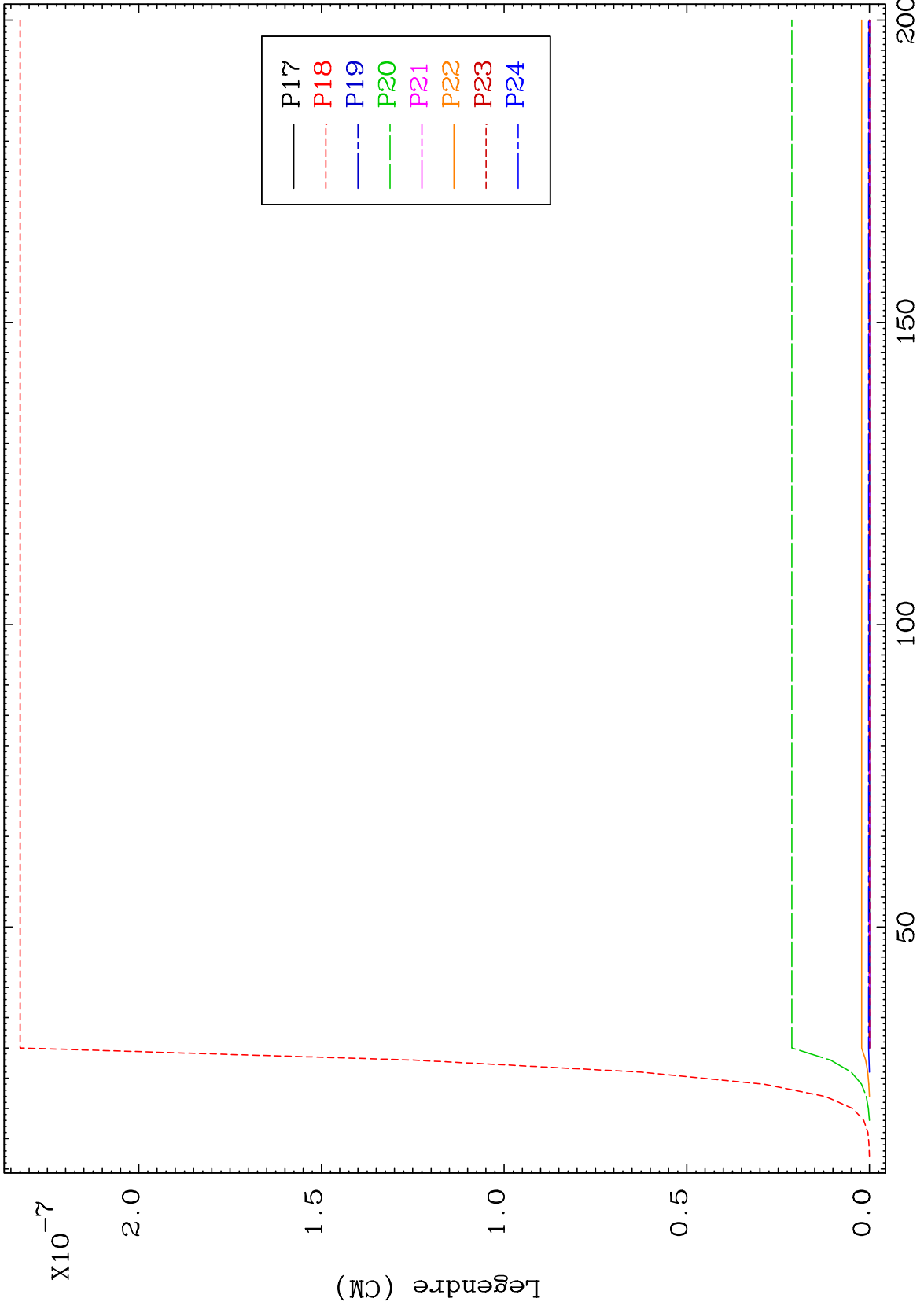


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Incident Energy (MeV)

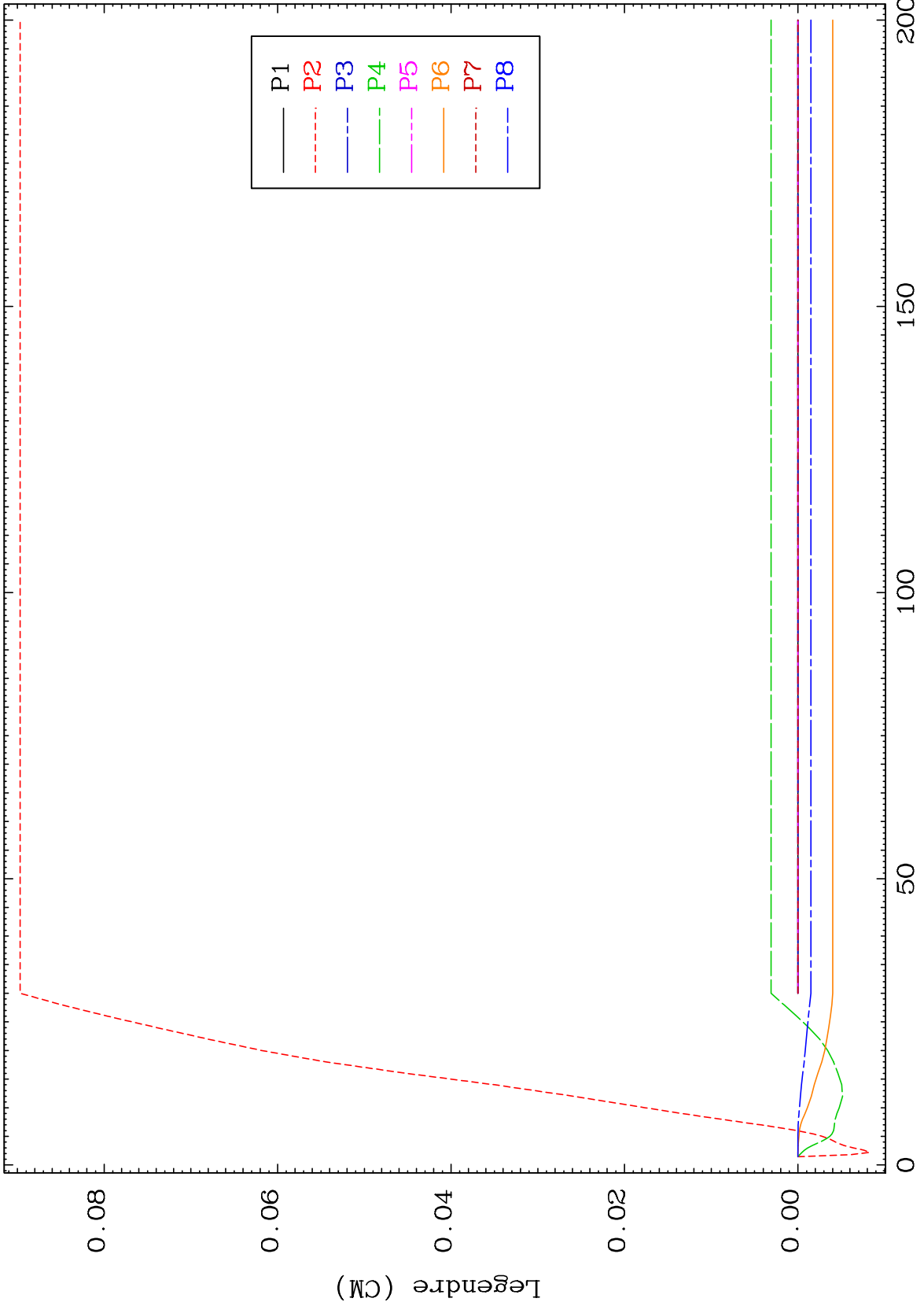
31-Ga-67

MAT 3119 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-67



31-Ga-67

MAT 3119 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-67

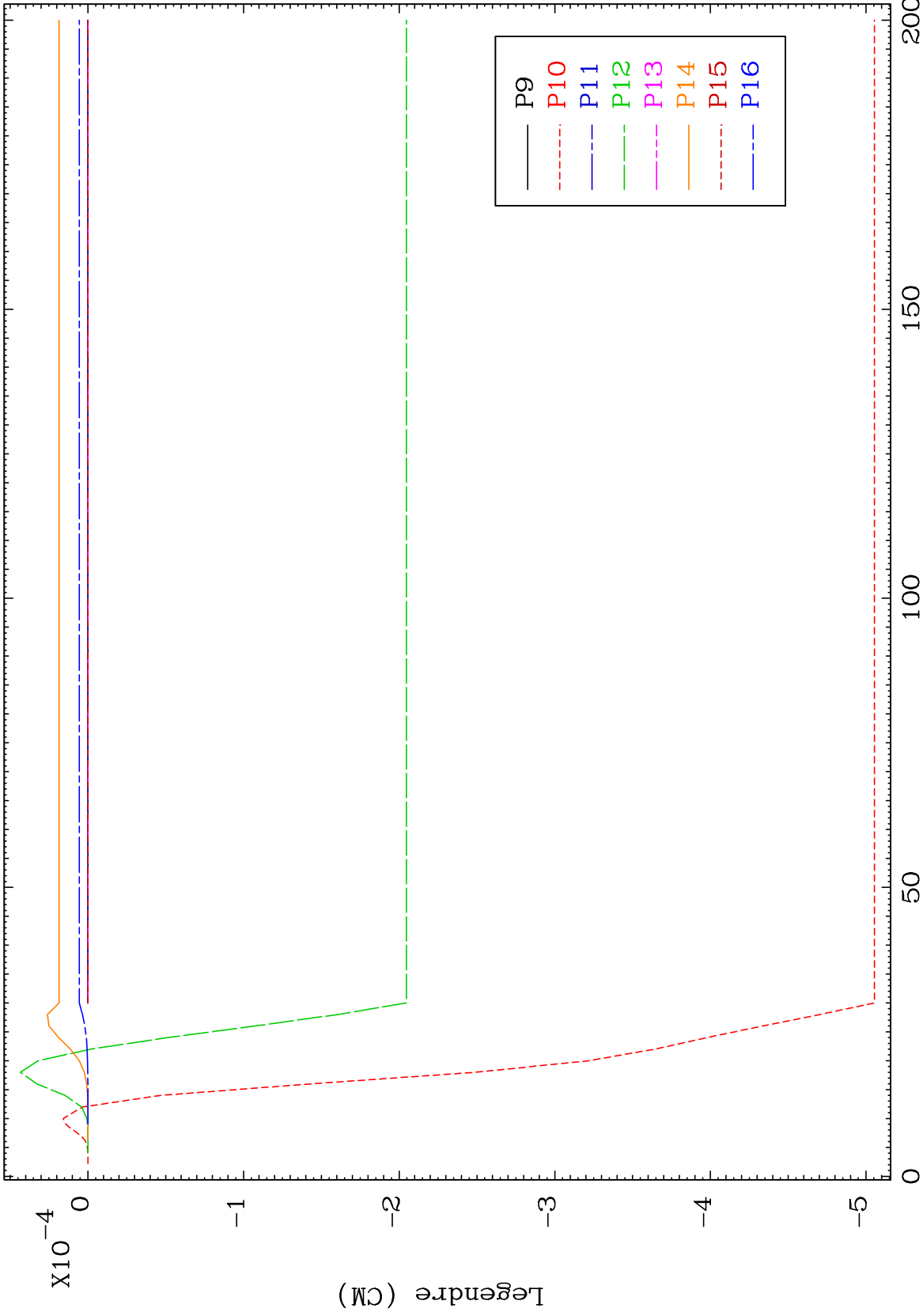


41 31-Ga-67

MAT 3119

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

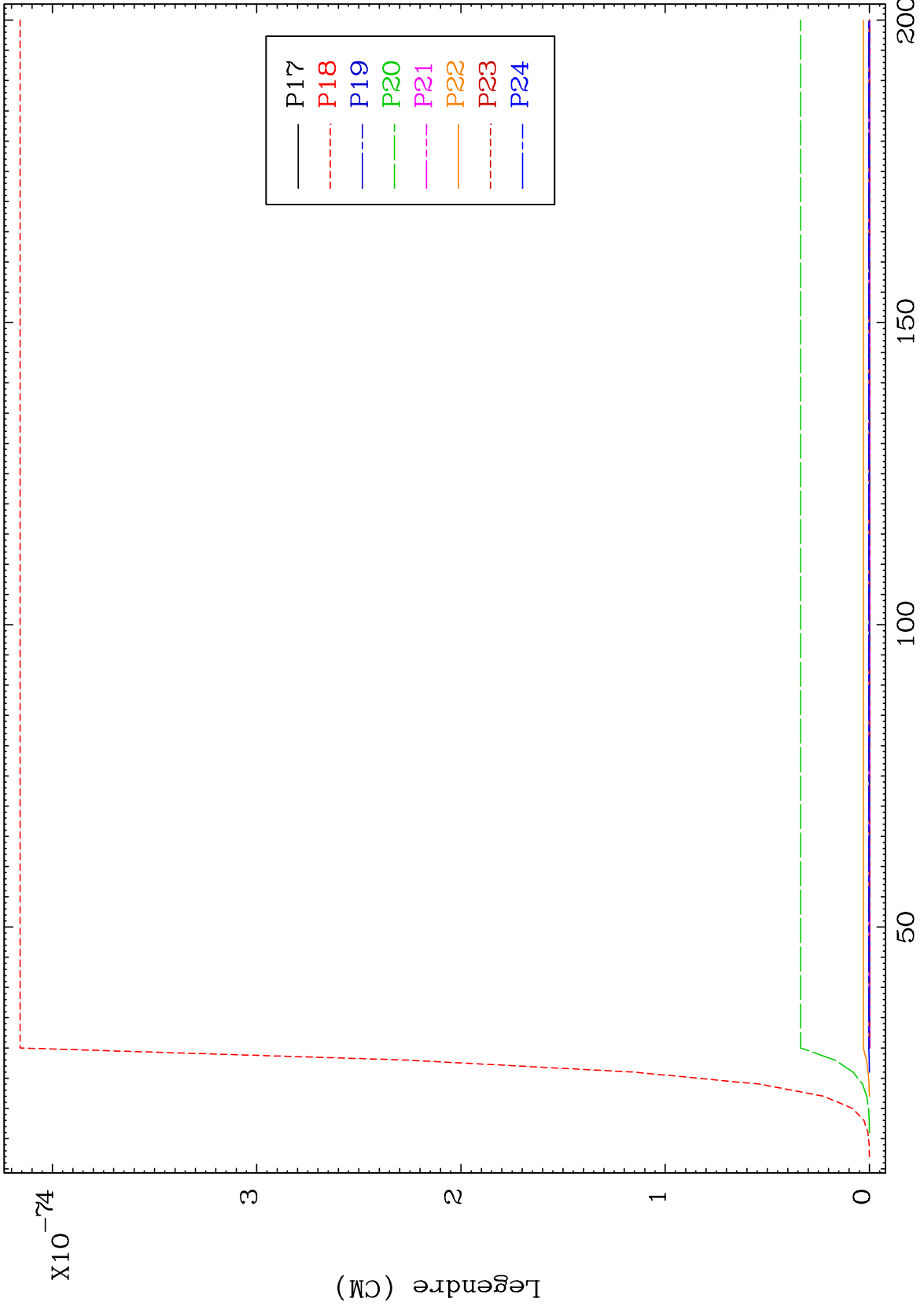
31-Ga-67



42

31-Ga-67

MAT 3119 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-67

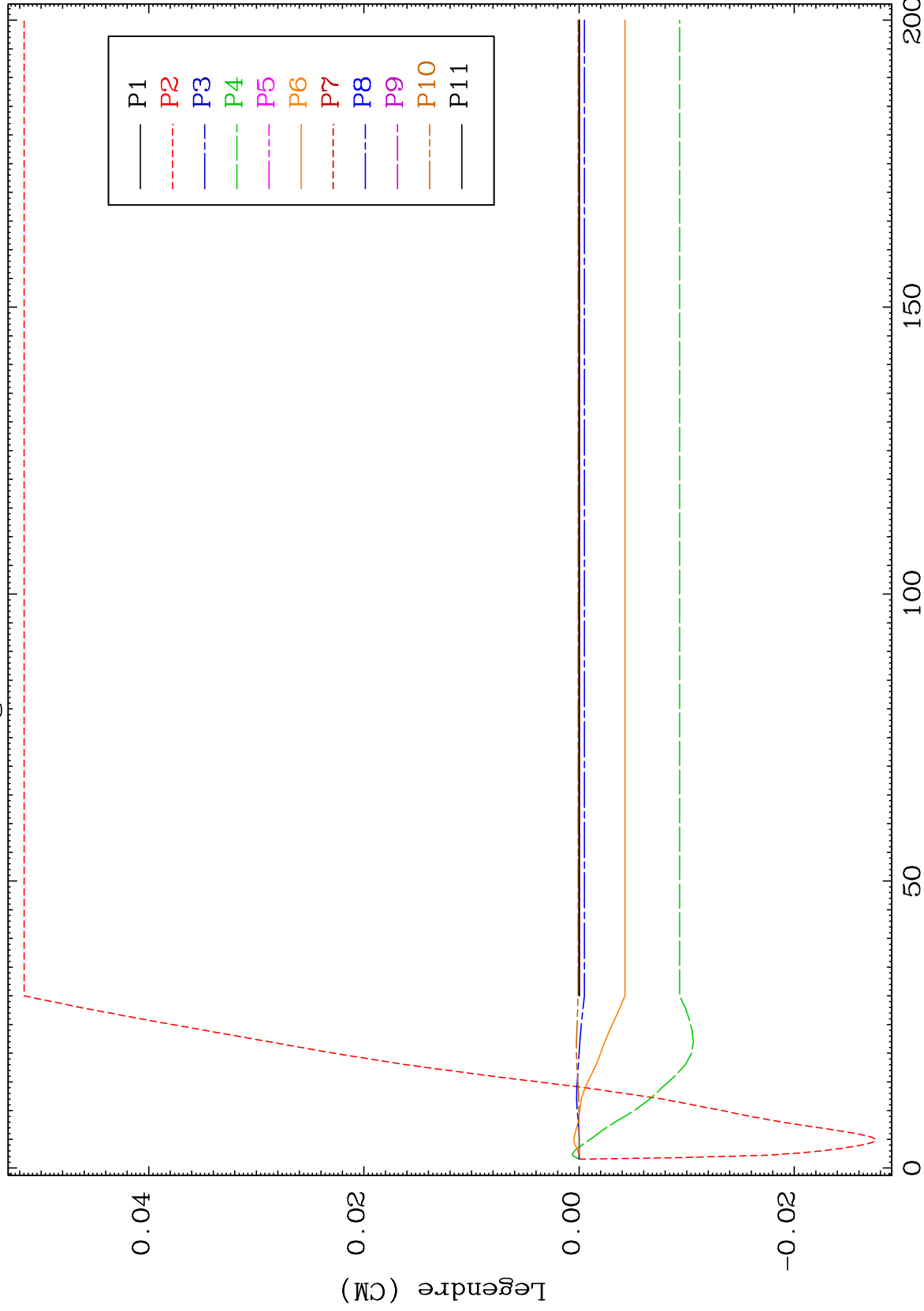


43 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67



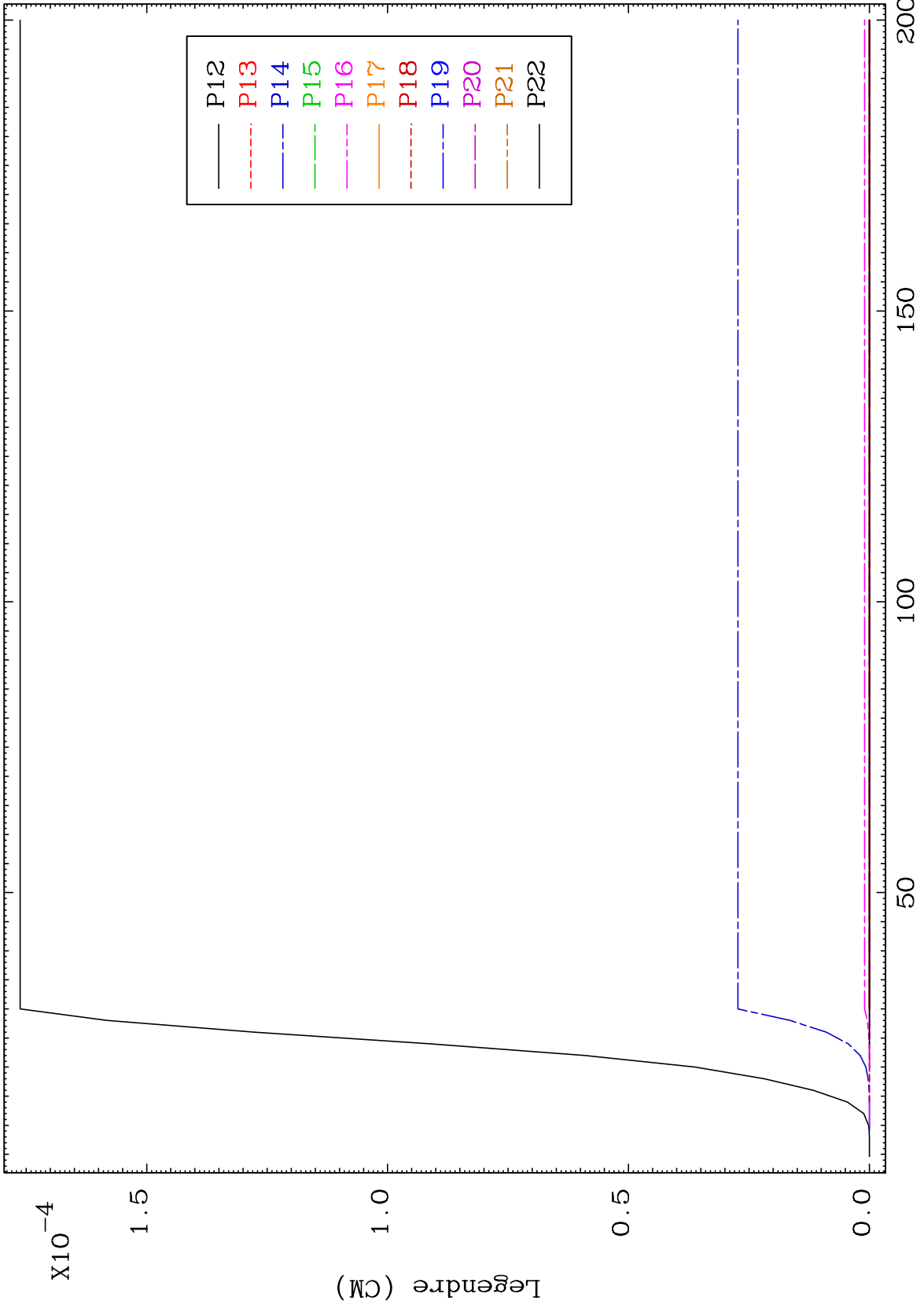
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31-Ga-67

MAT 3119

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

31-Ga-67

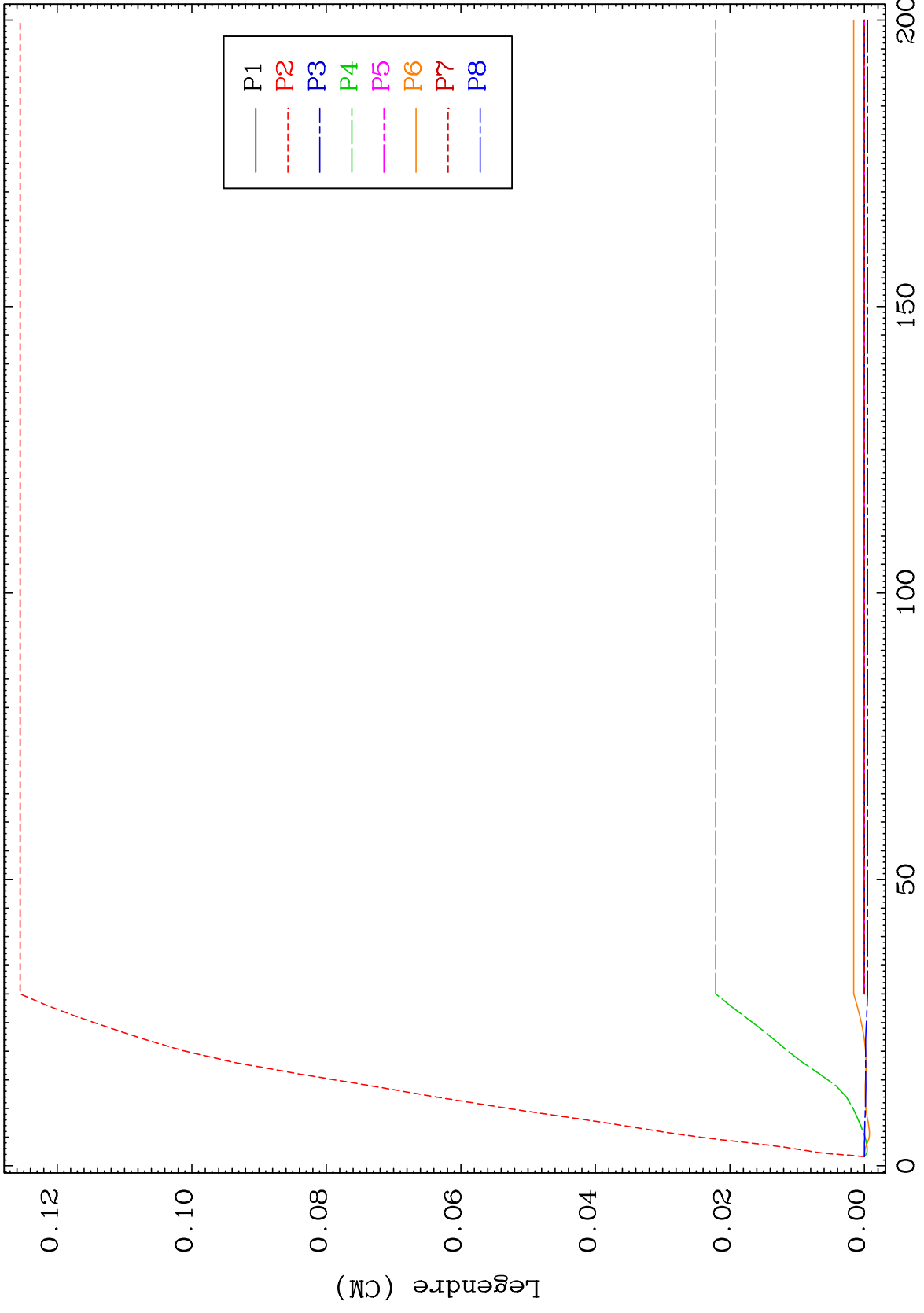


45

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-67

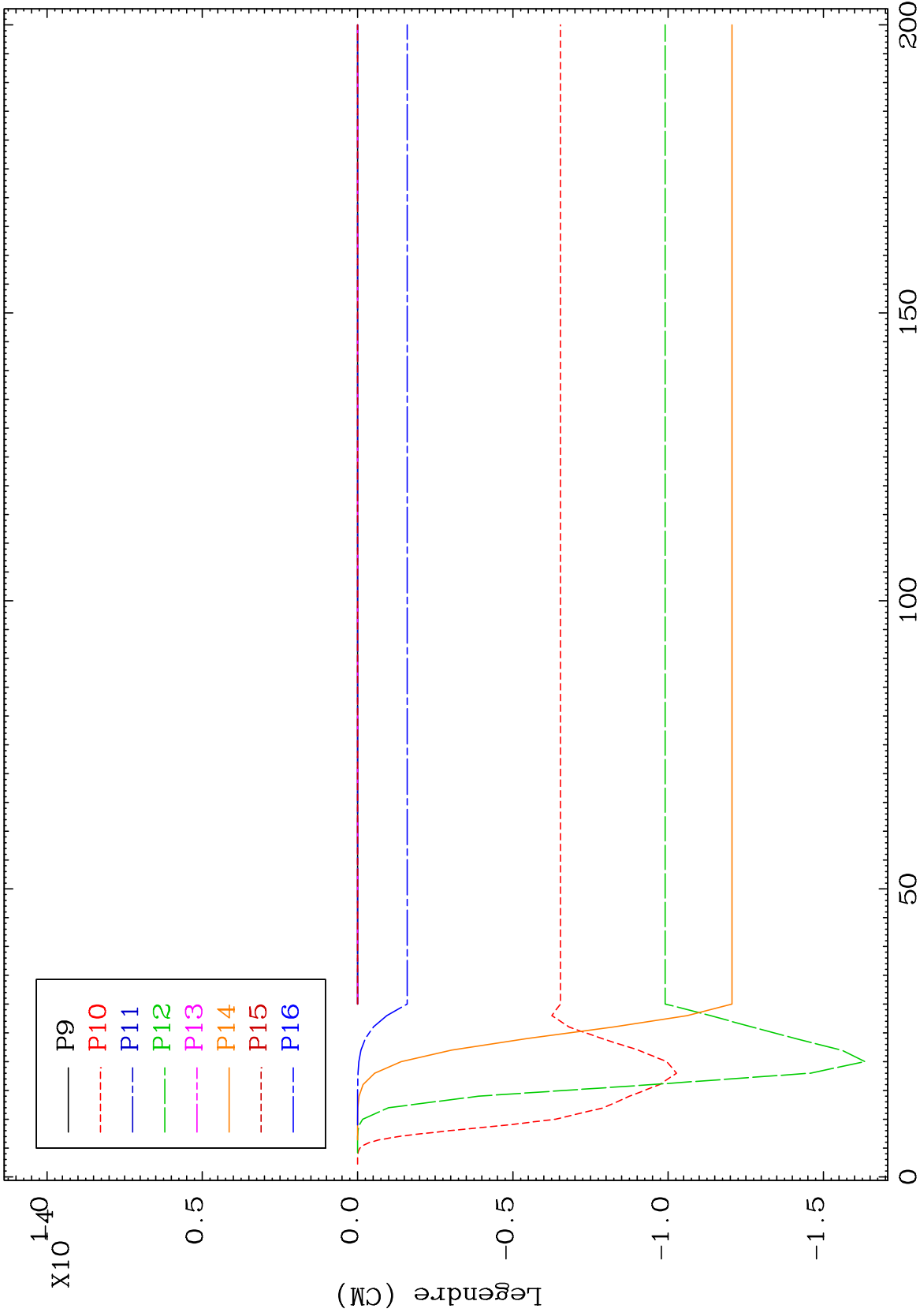


46 31-Ga-67

MAT 3119

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

31-Ga-67



47

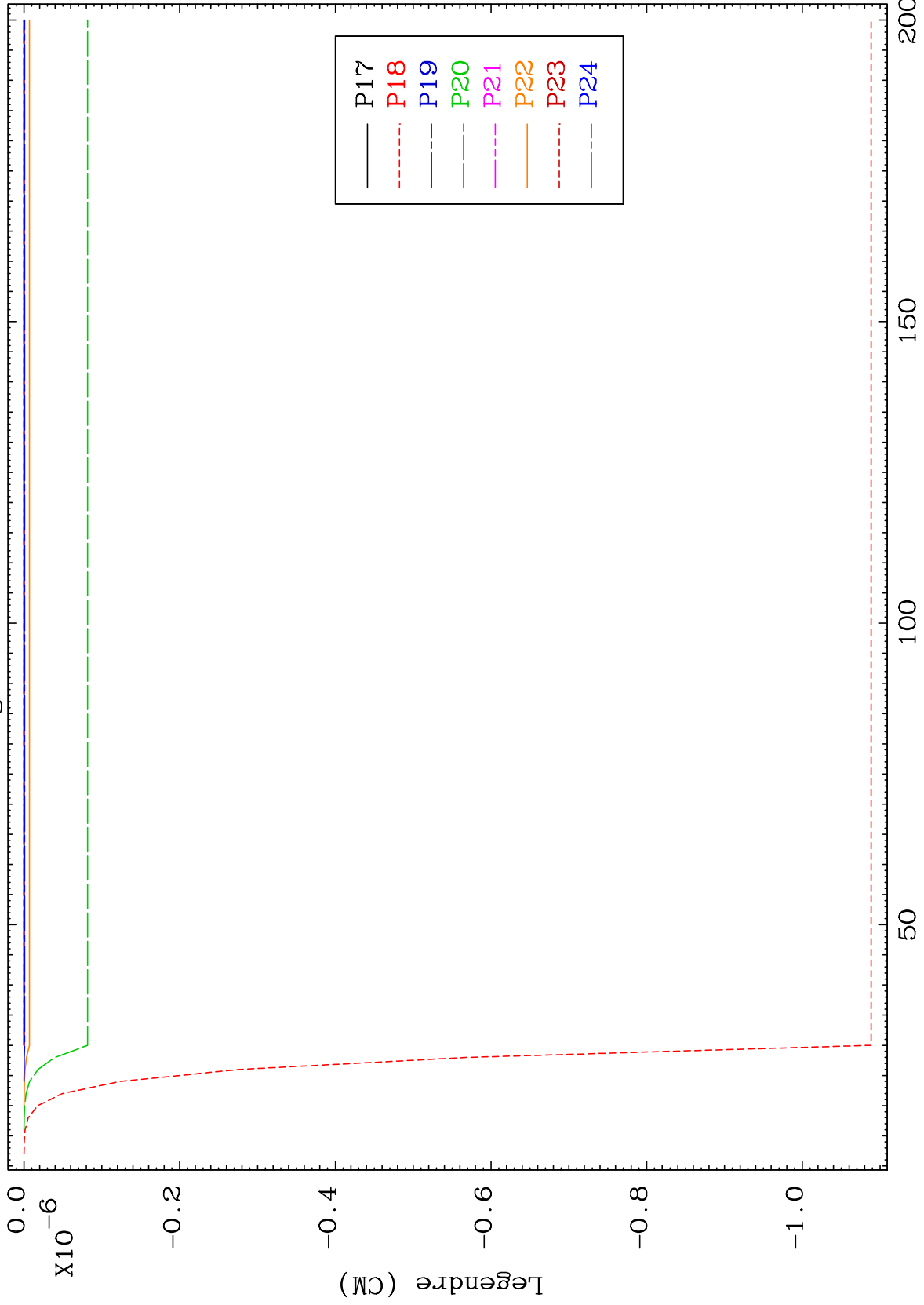
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

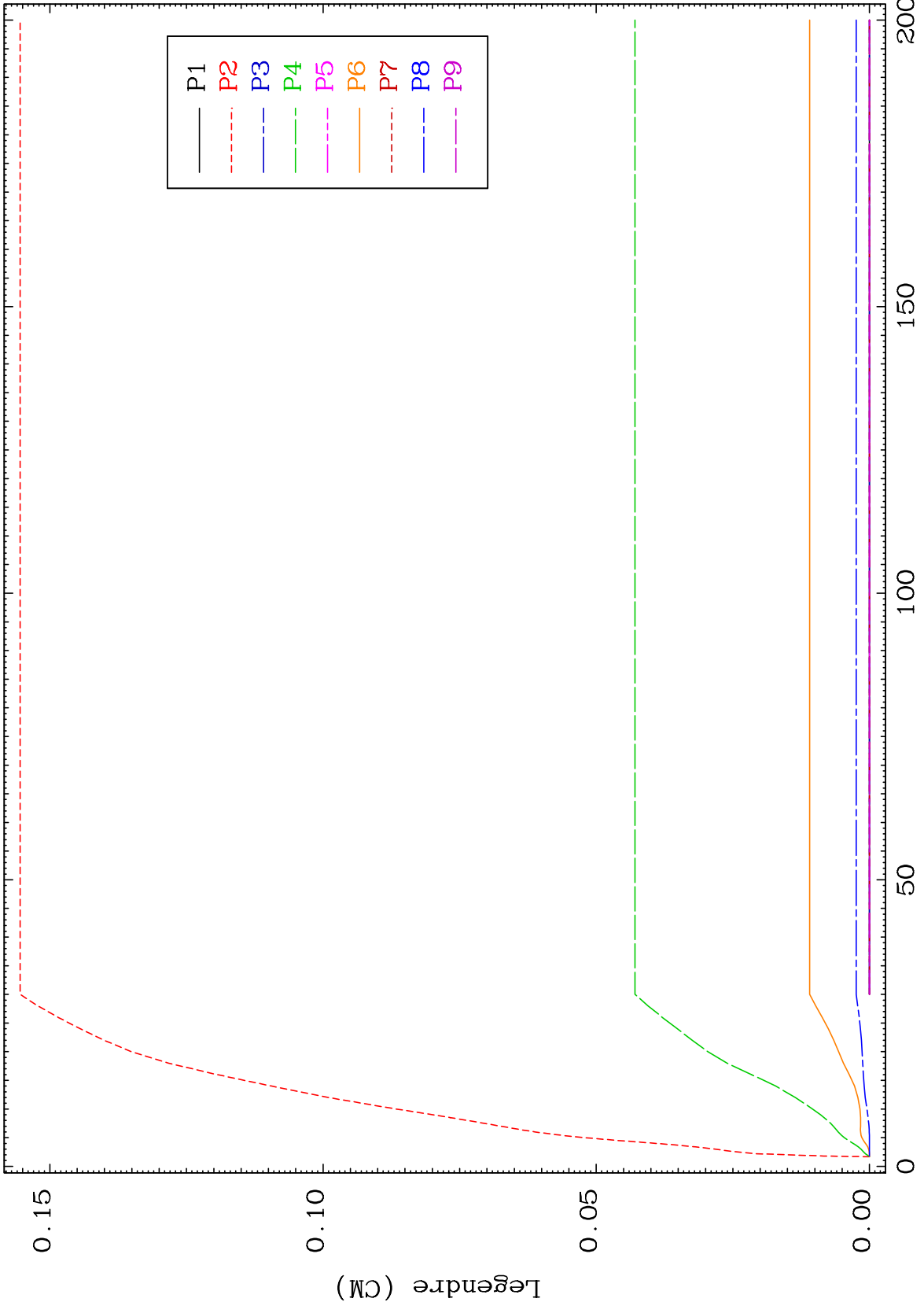


48

31-Ga-67

31-Ga-67

MAT 3119 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-67

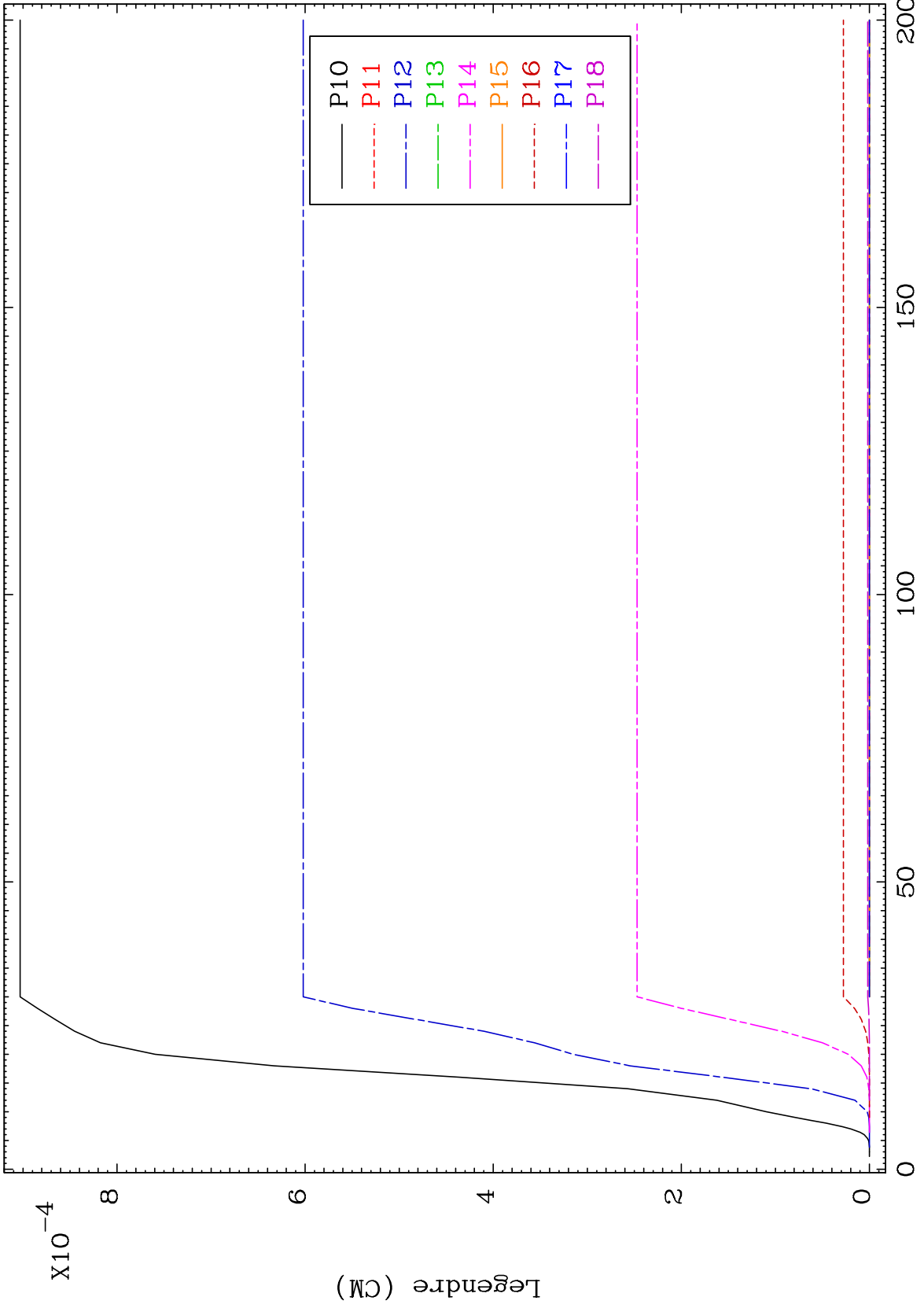


49 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67



50

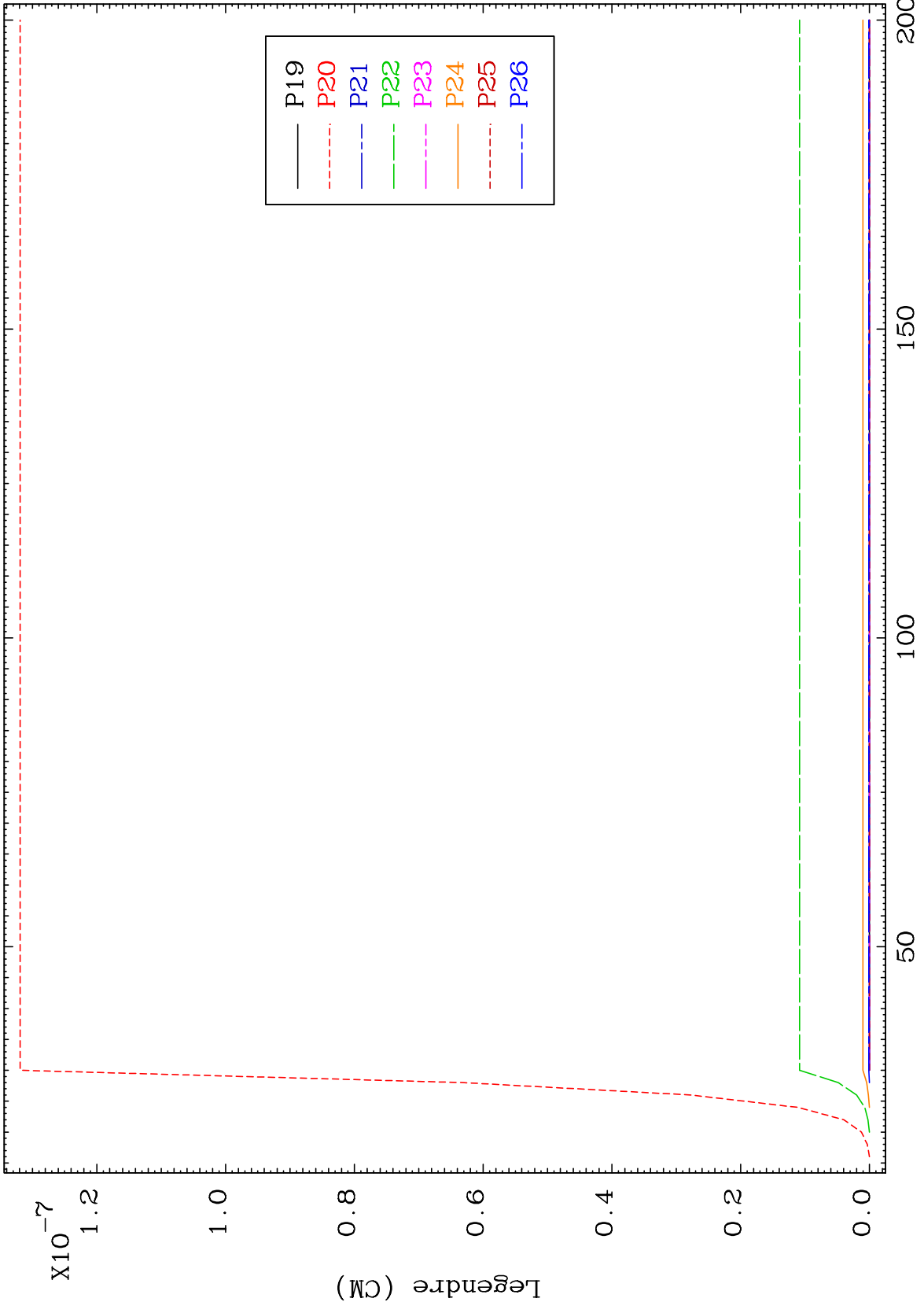
Incident Energy (MeV)

100

150

31-Ga-67

MAT 3119 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-67

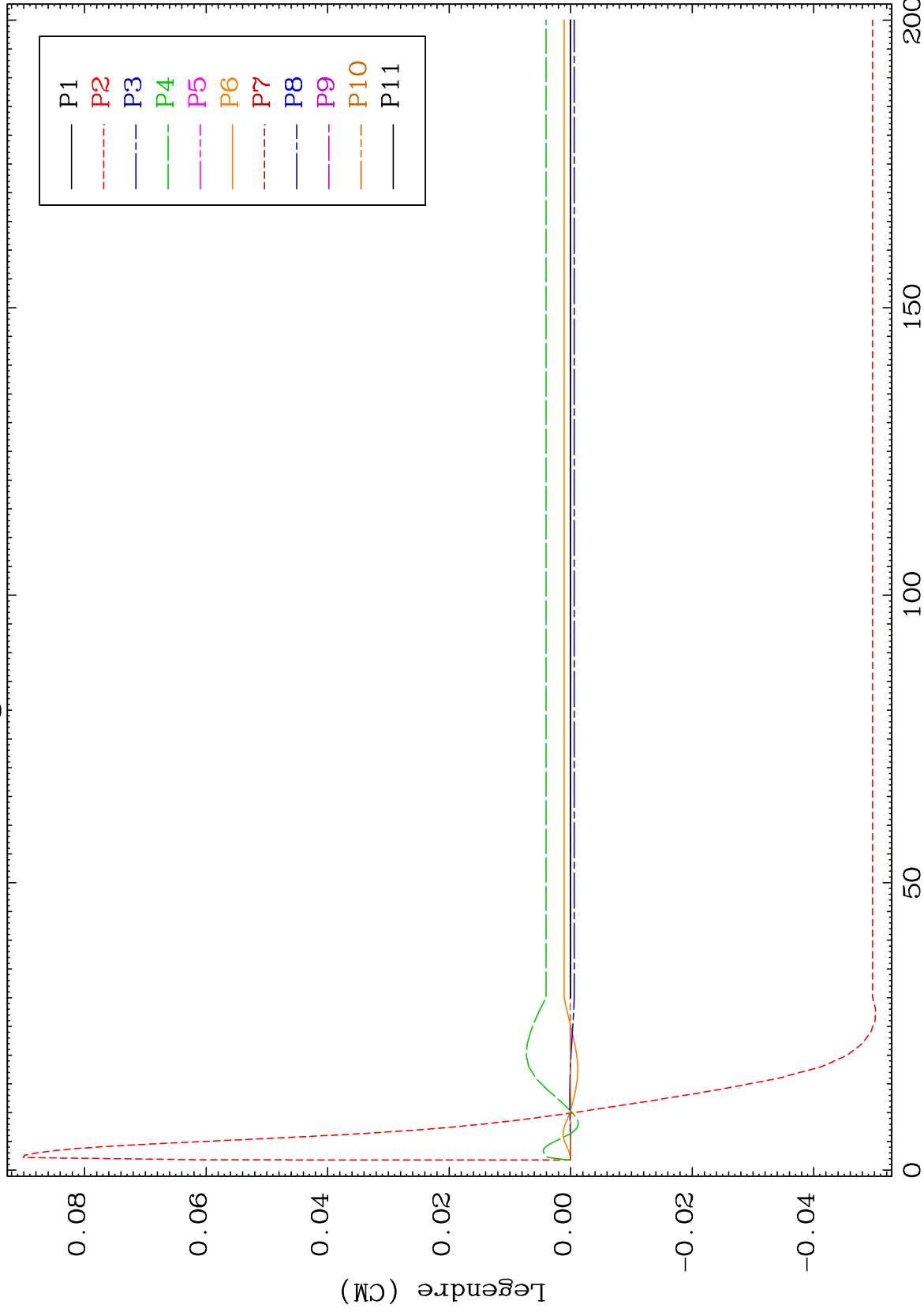


51 31-Ga-67

MAT 3119

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

31-Ga-67



52

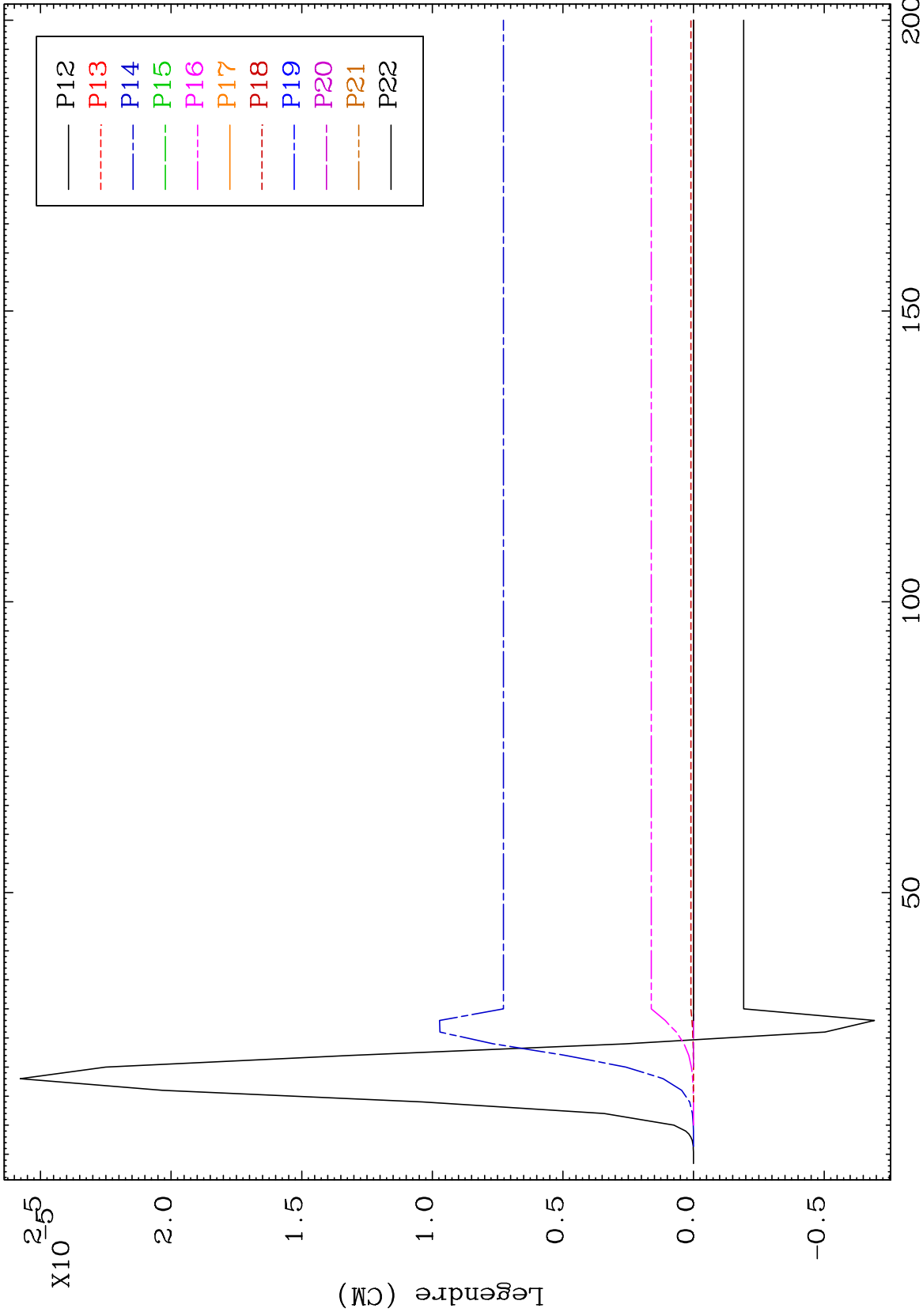
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

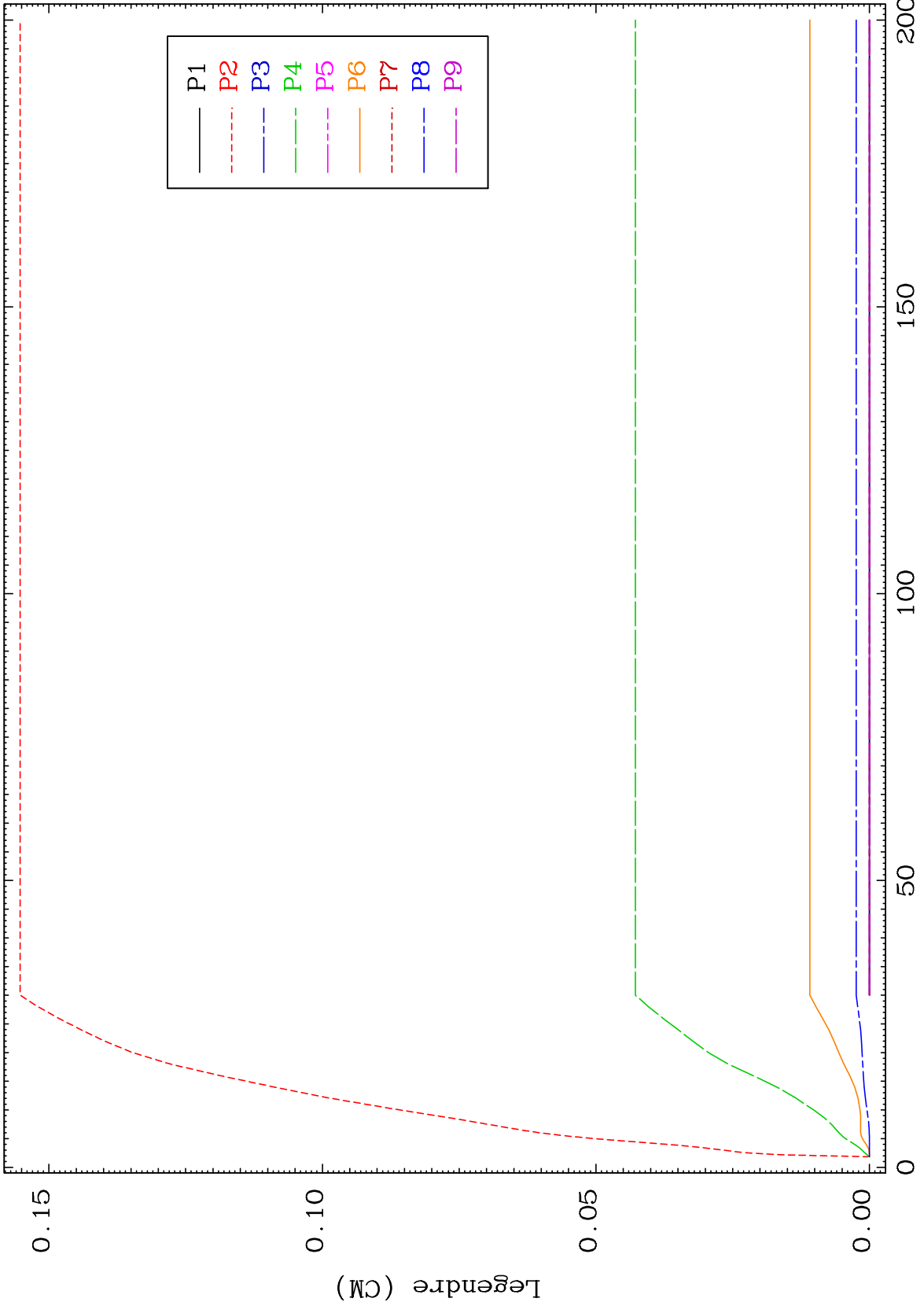


53

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-67

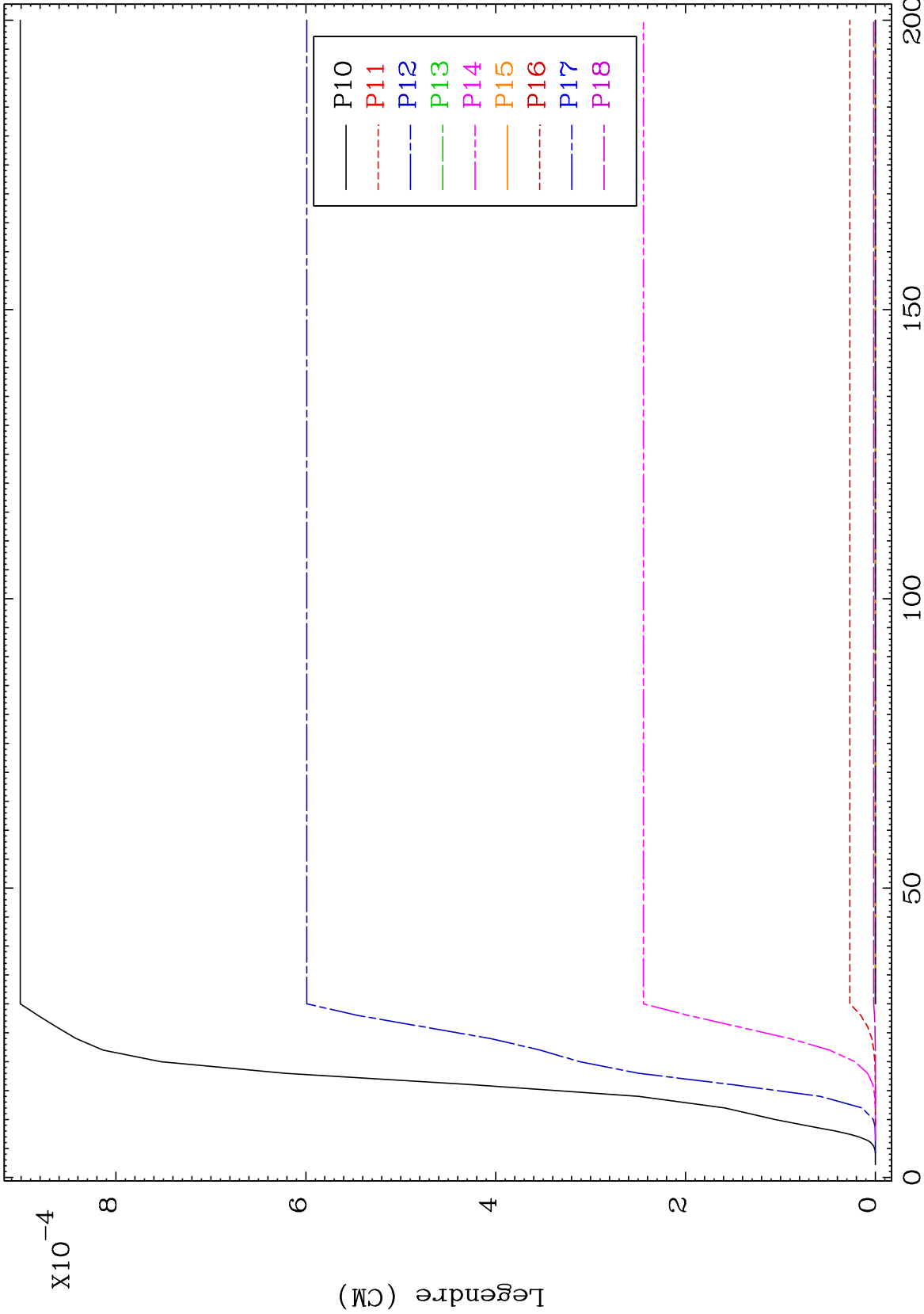


54 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67

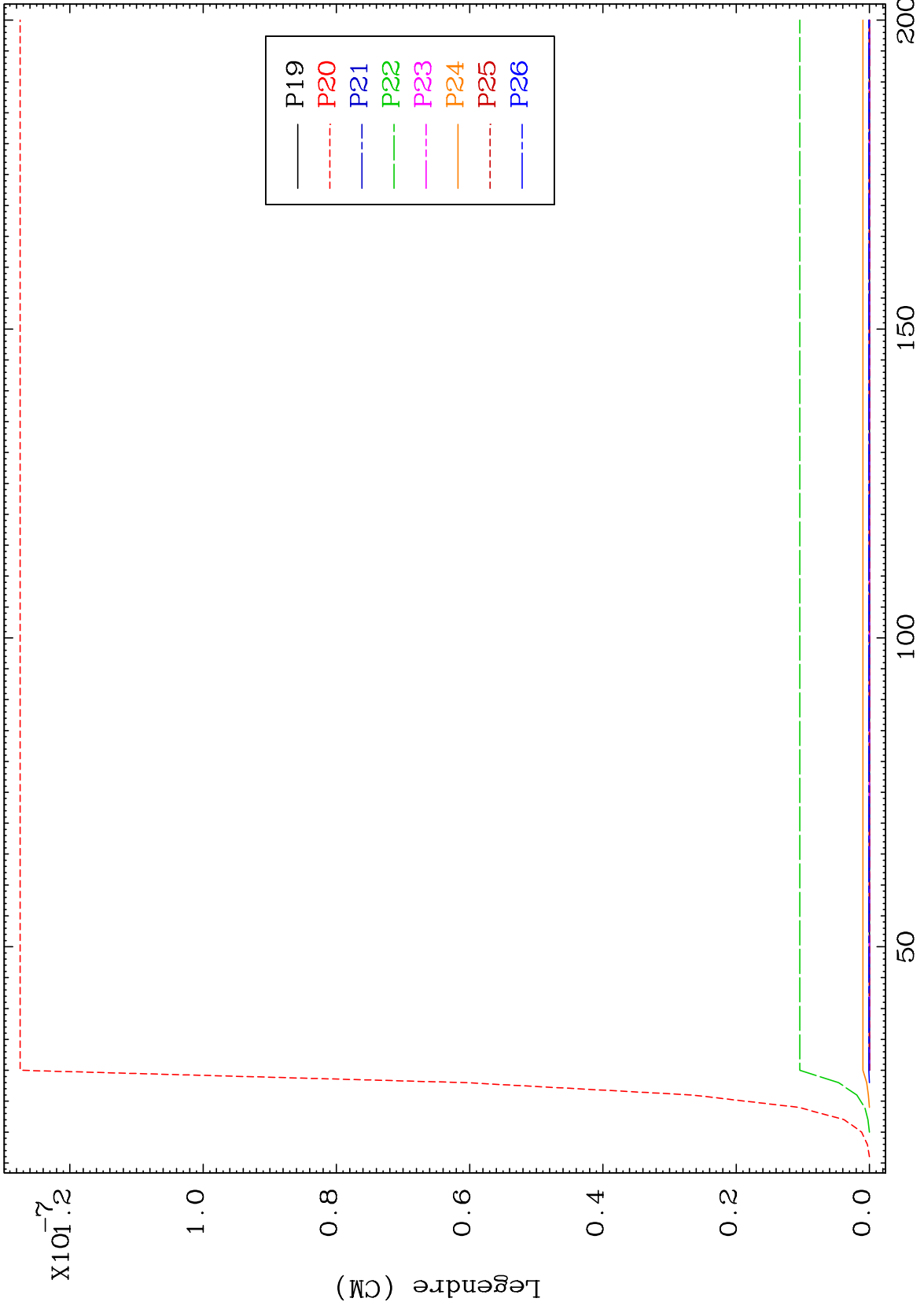


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Incident Energy (MeV)

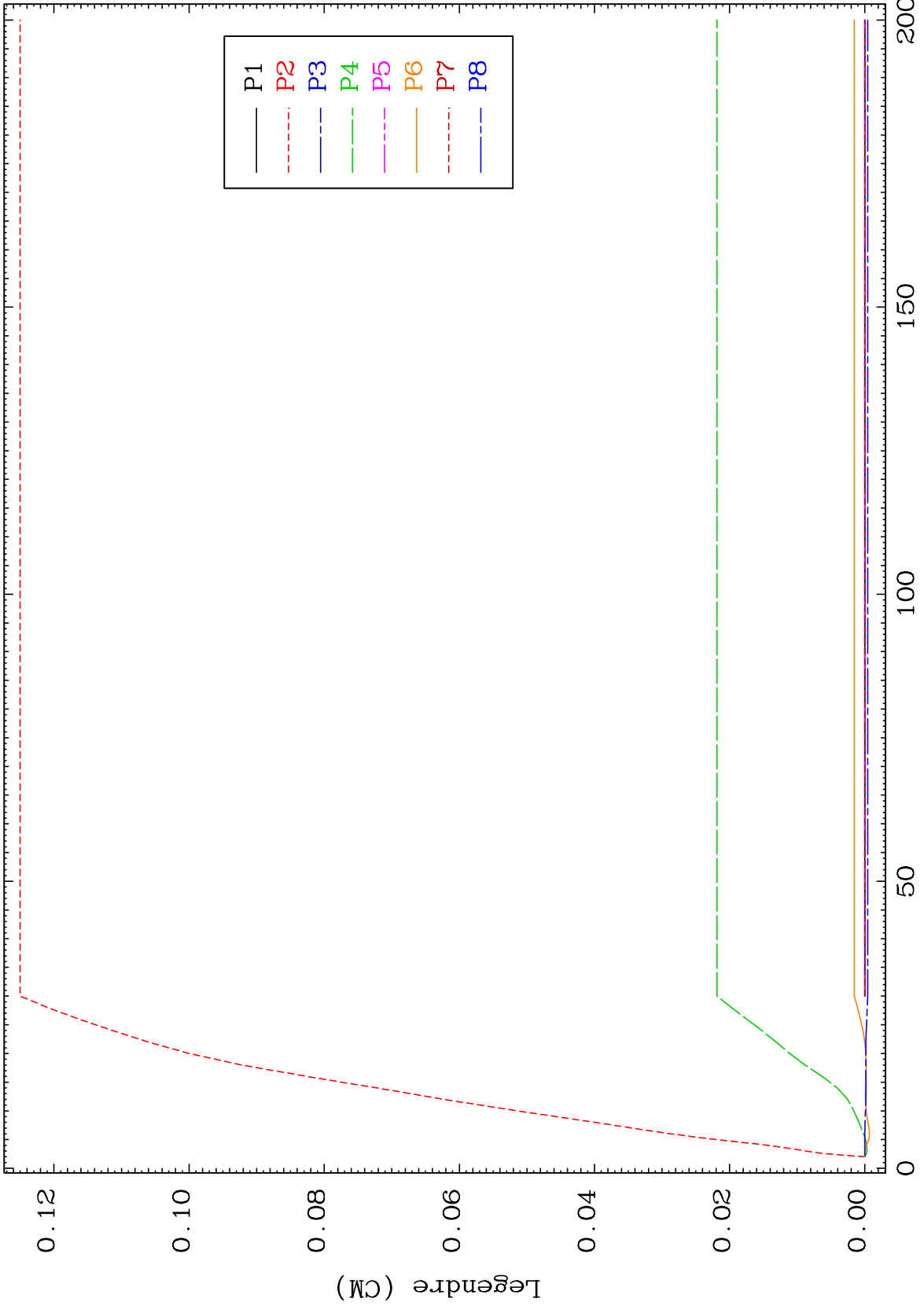
31-Ga-67

MAT 3119 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-67



56 Incident Energy (MeV) 31-Ga-67

MAT 3119 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-67

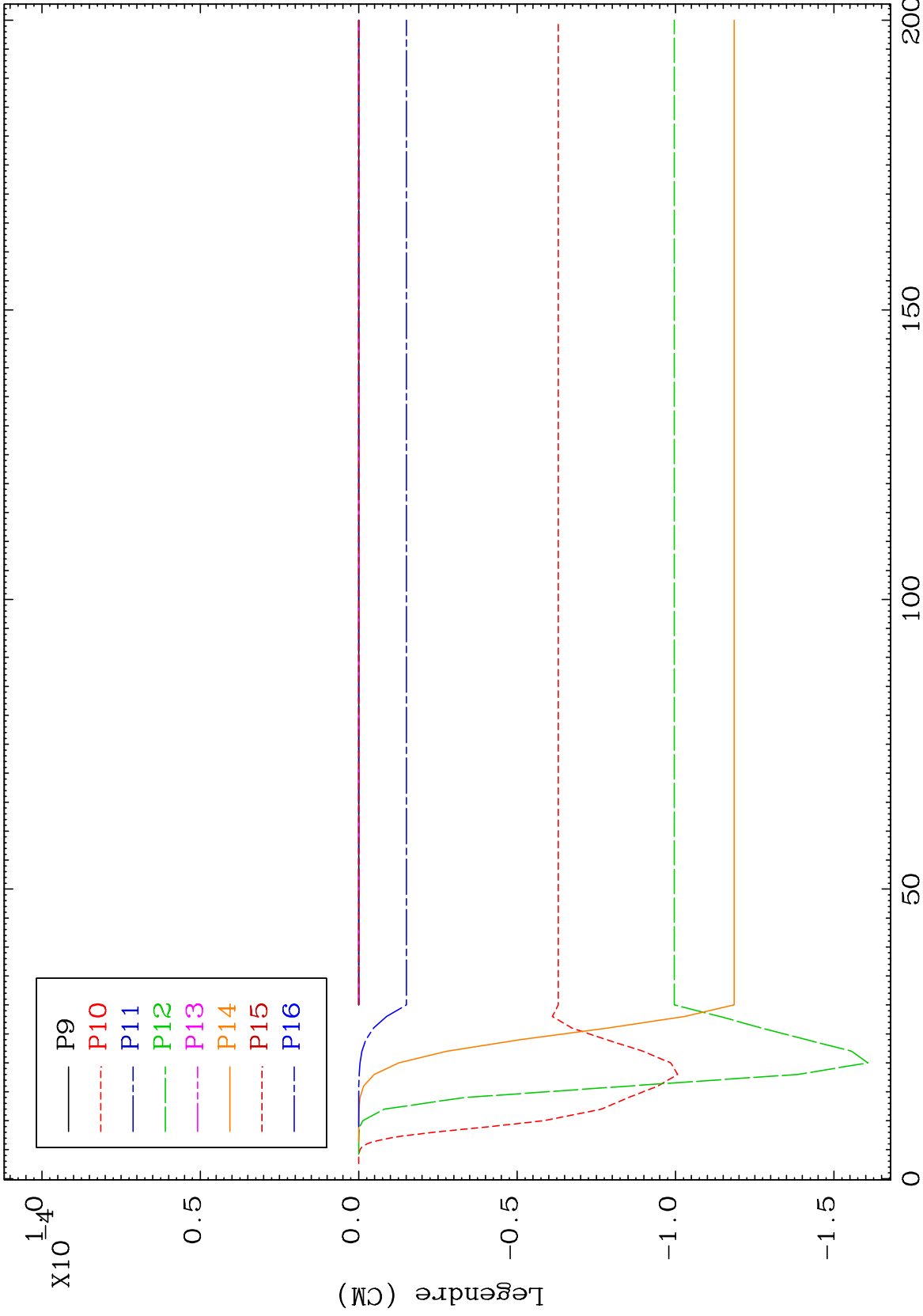


57 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67



58

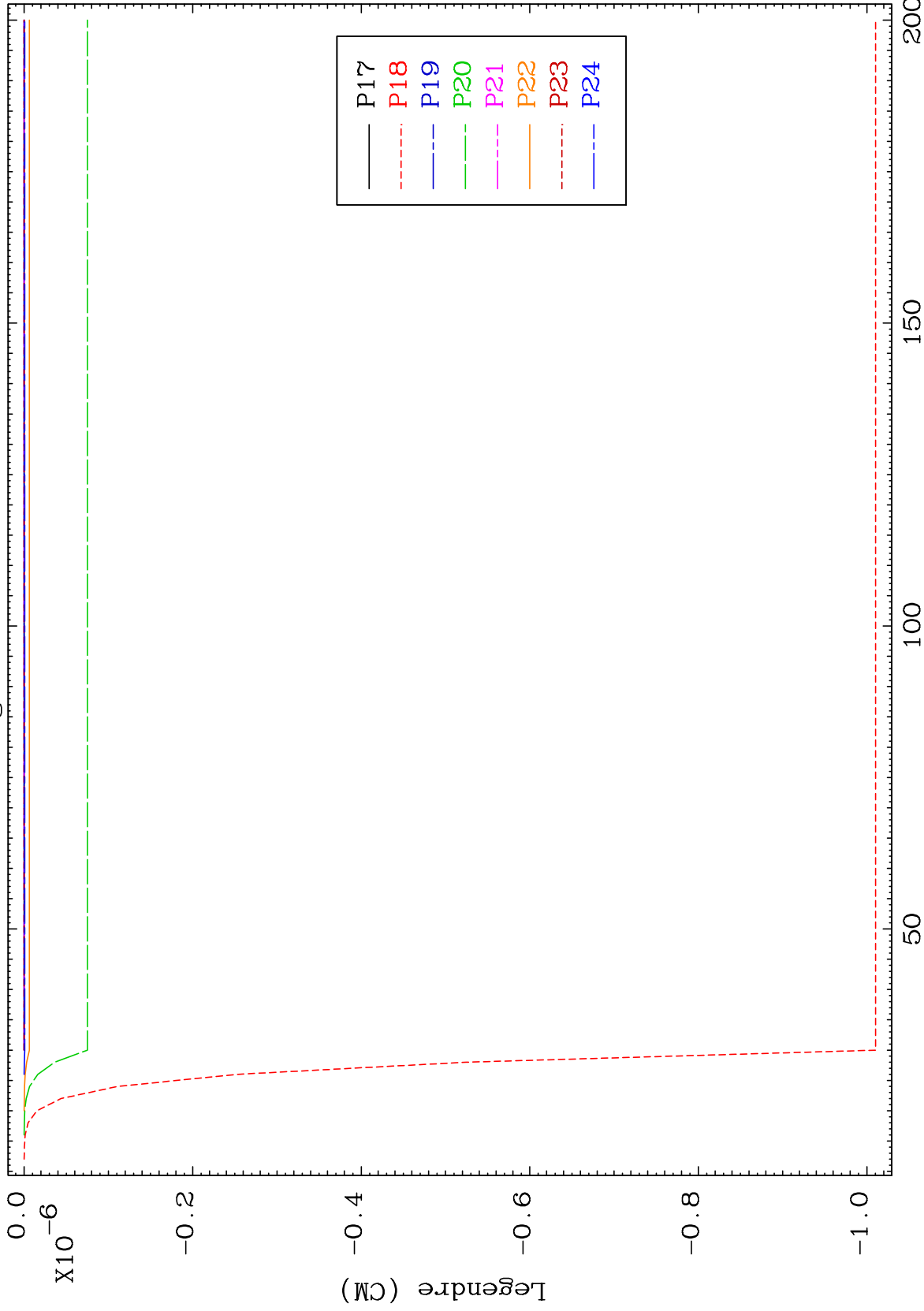
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



59

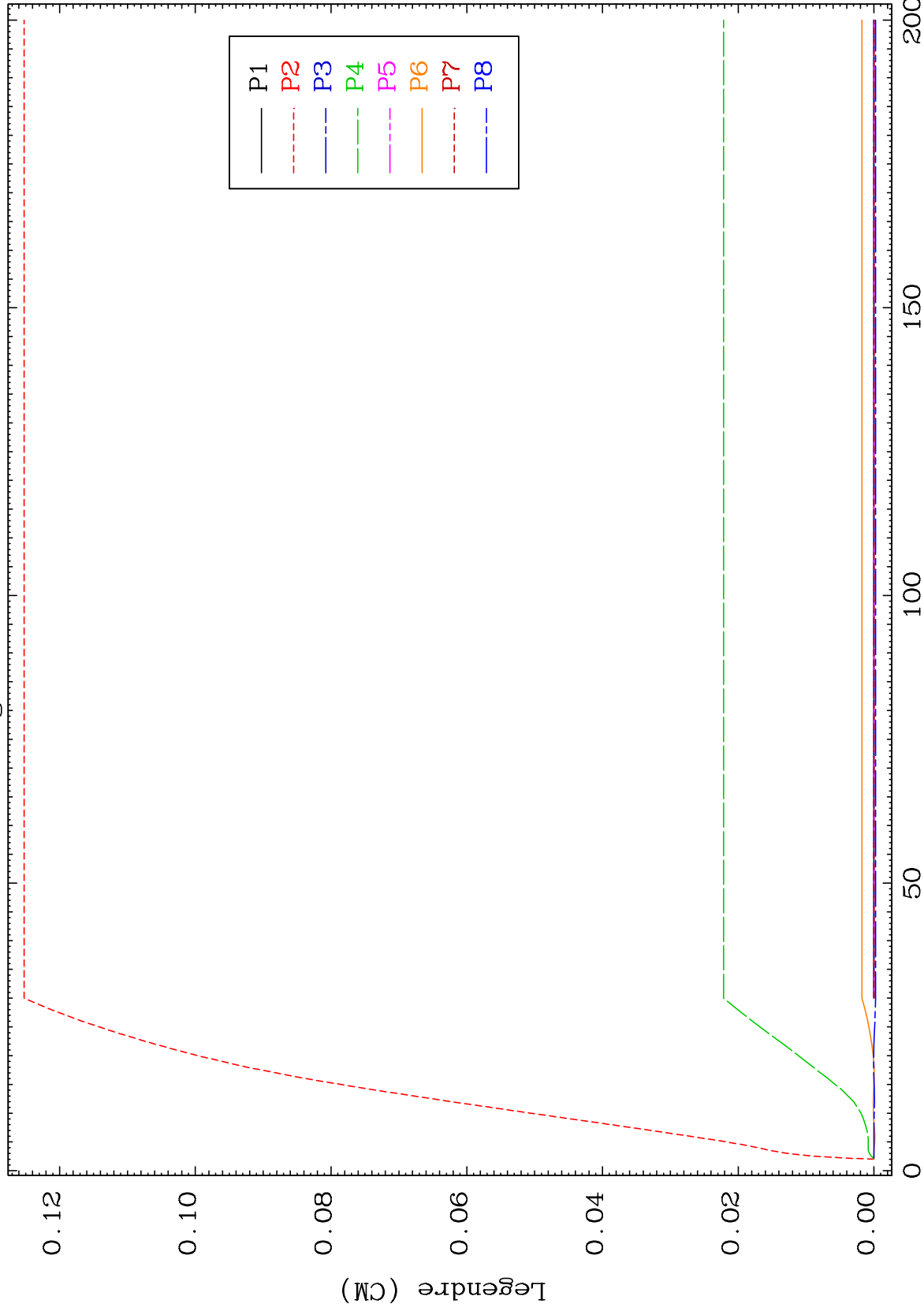
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



60

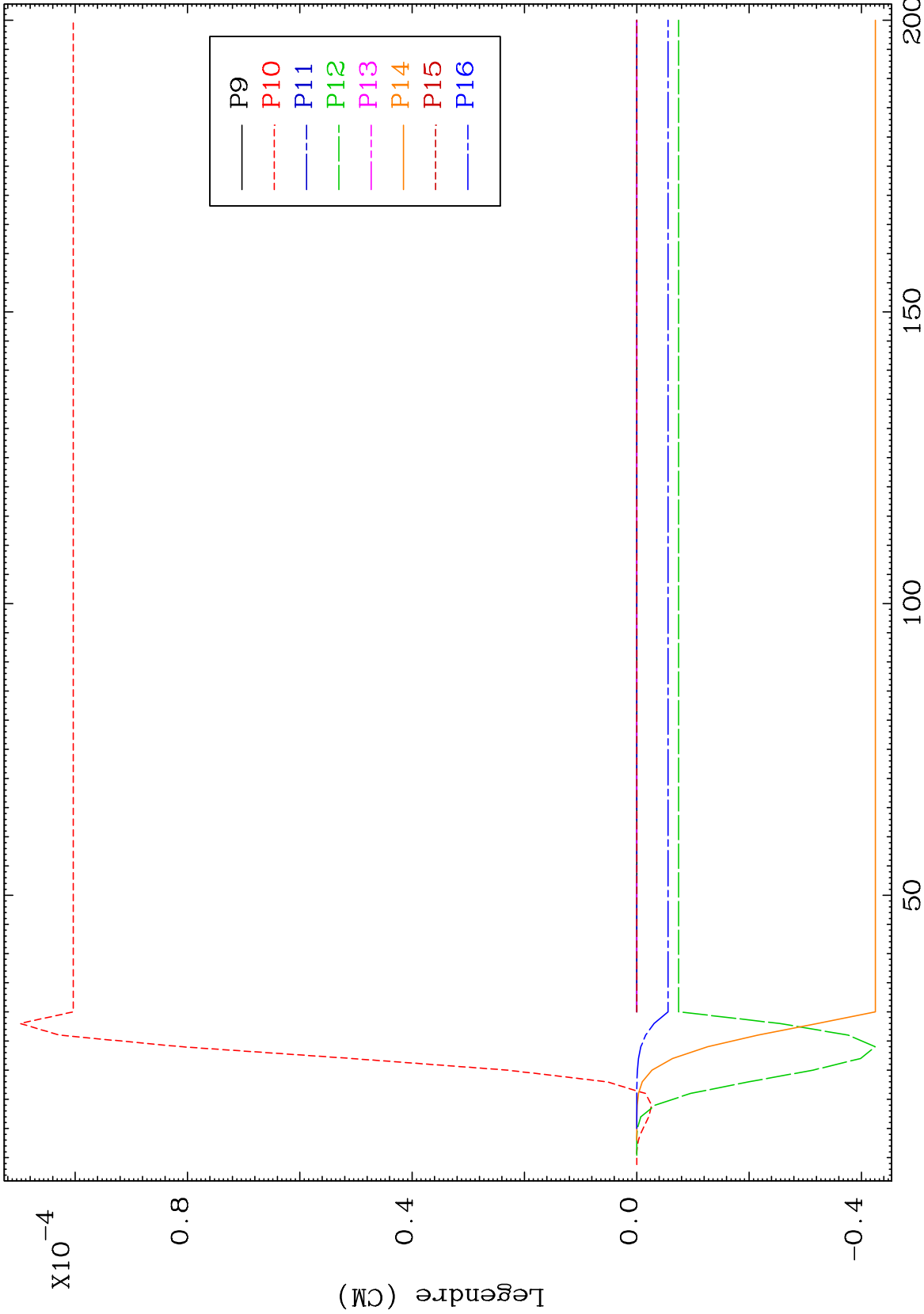
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

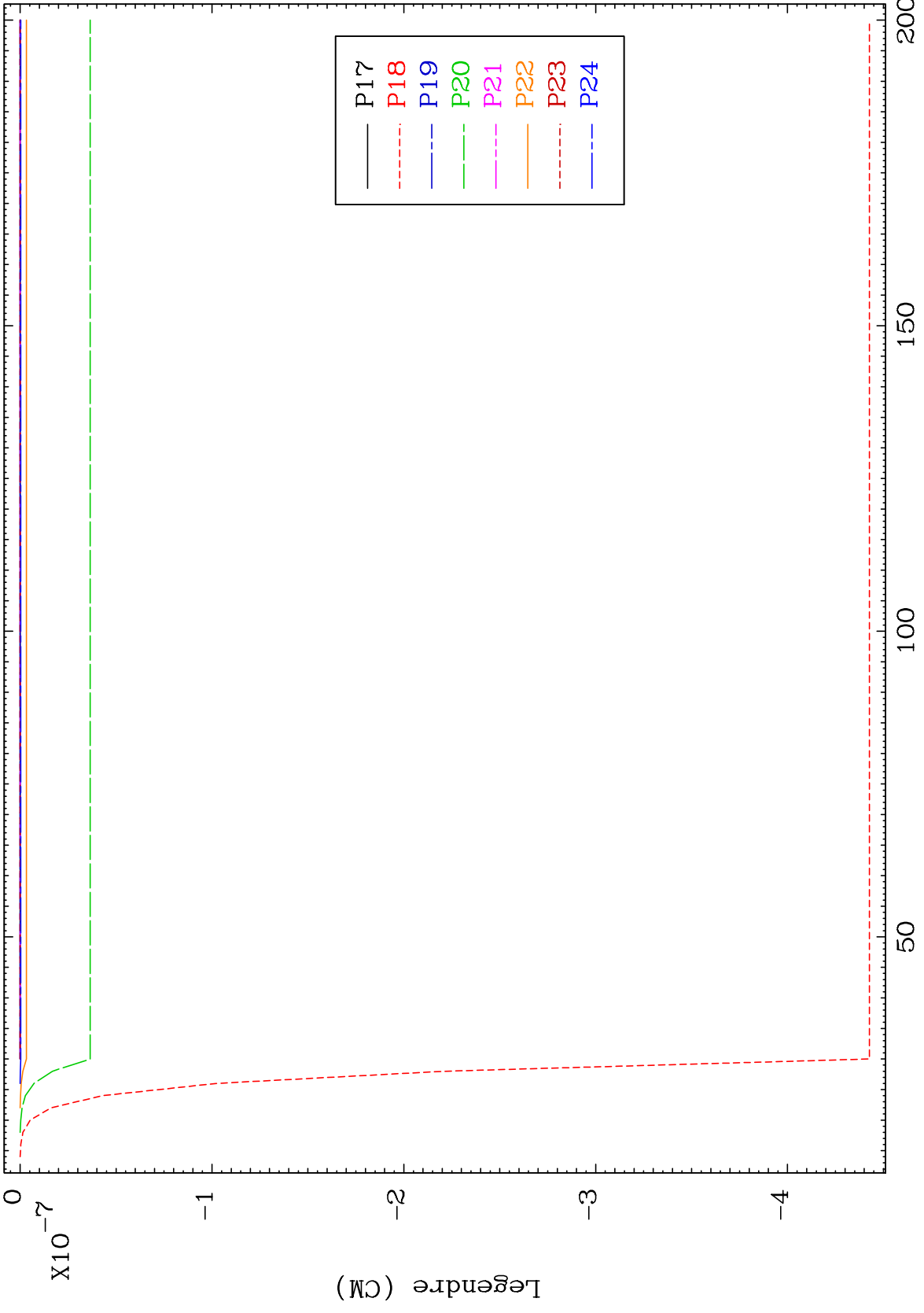


61

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 65 (n,n') Level Legendre Coefficients 31-Ga-67

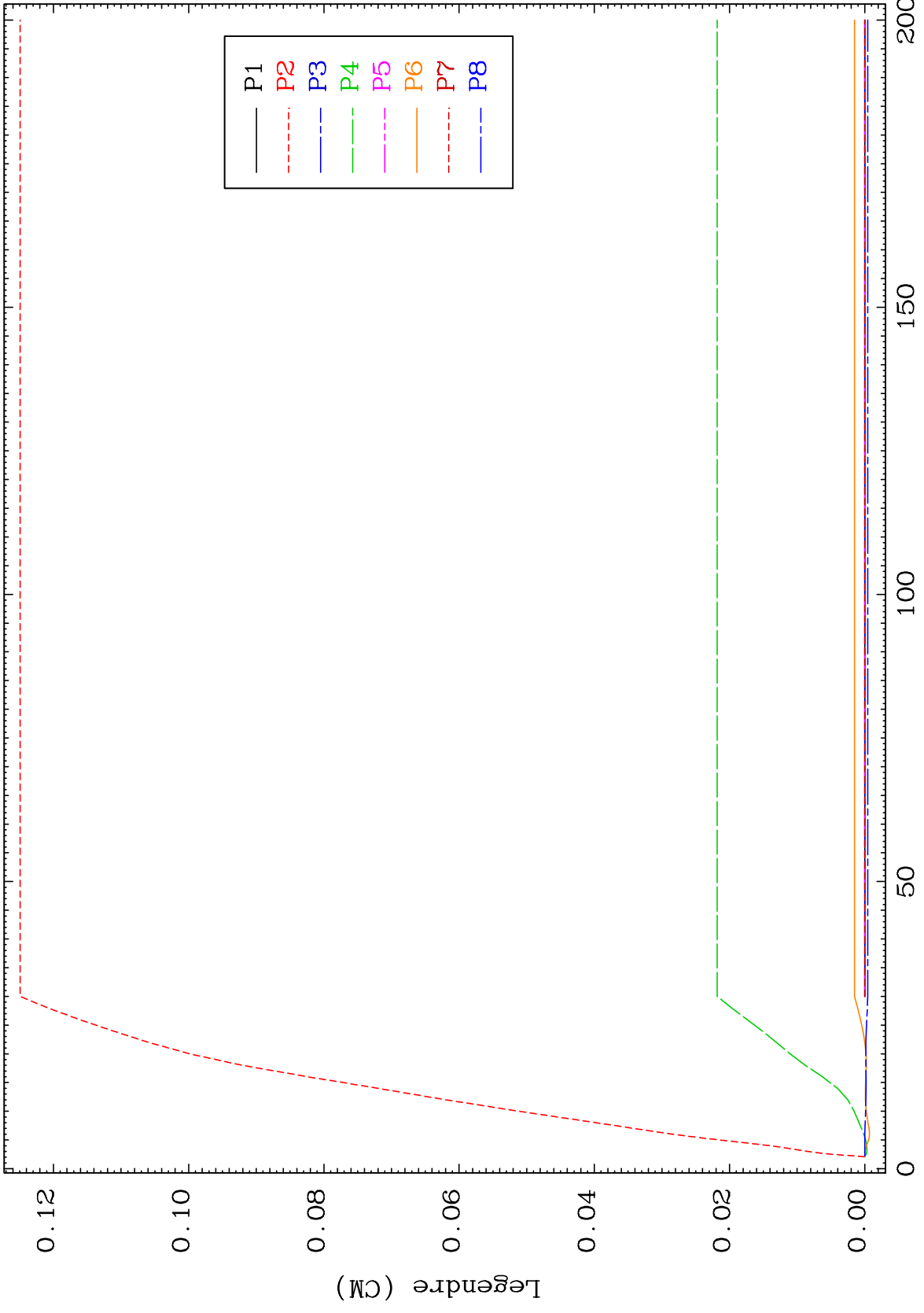


62 31-Ga-67

MAT 3119

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

31-Ga-67



63

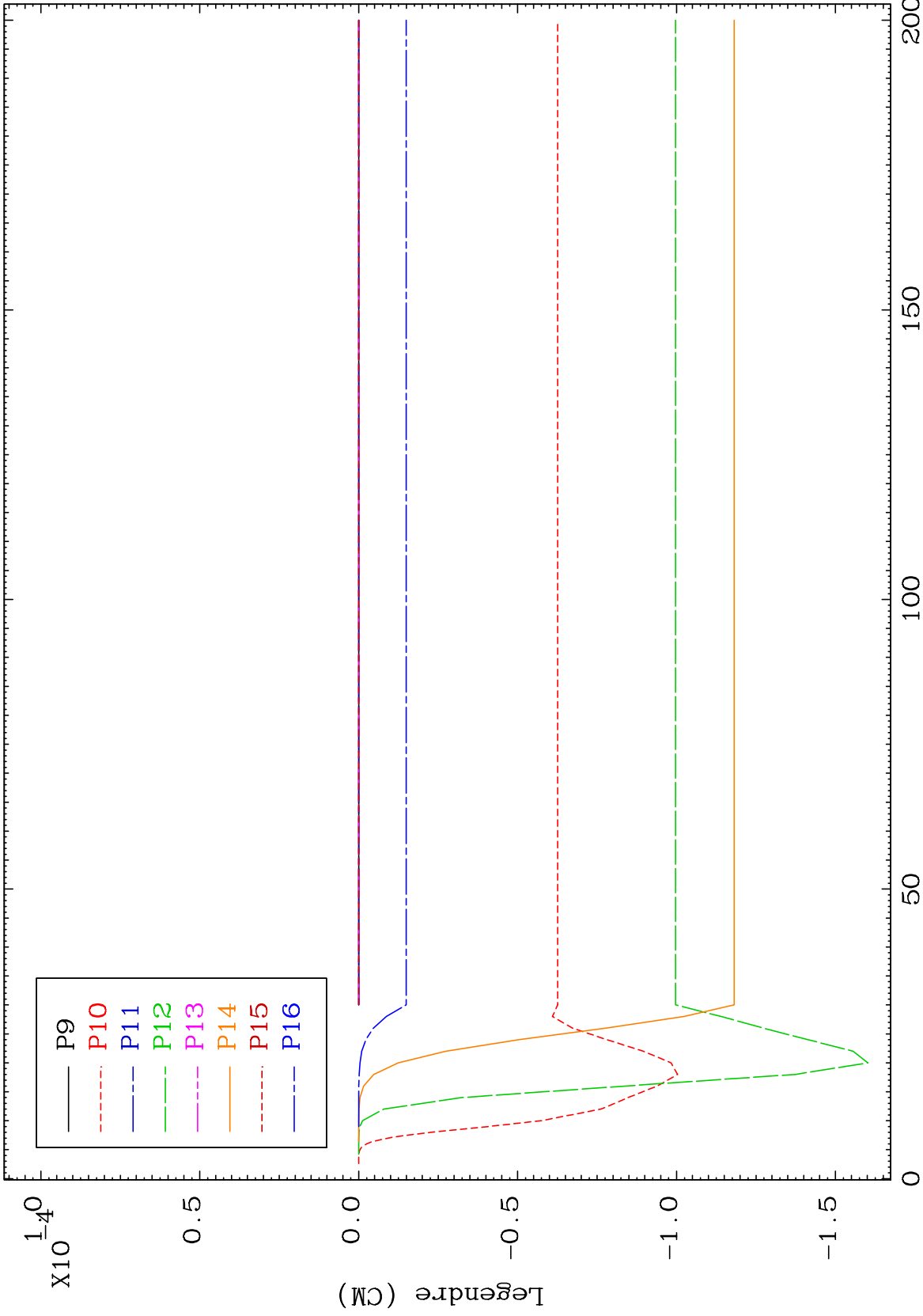
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



64

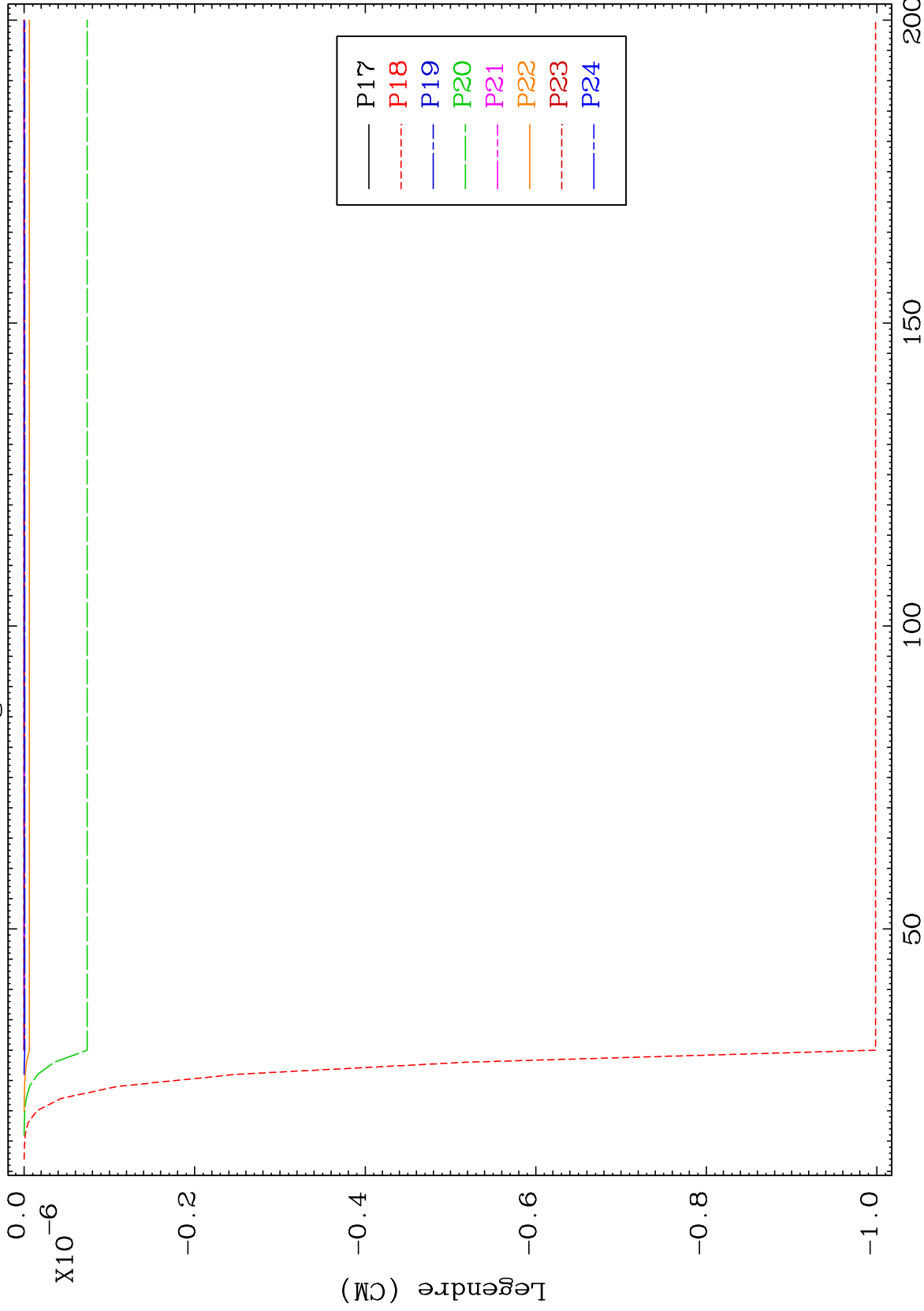
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



65

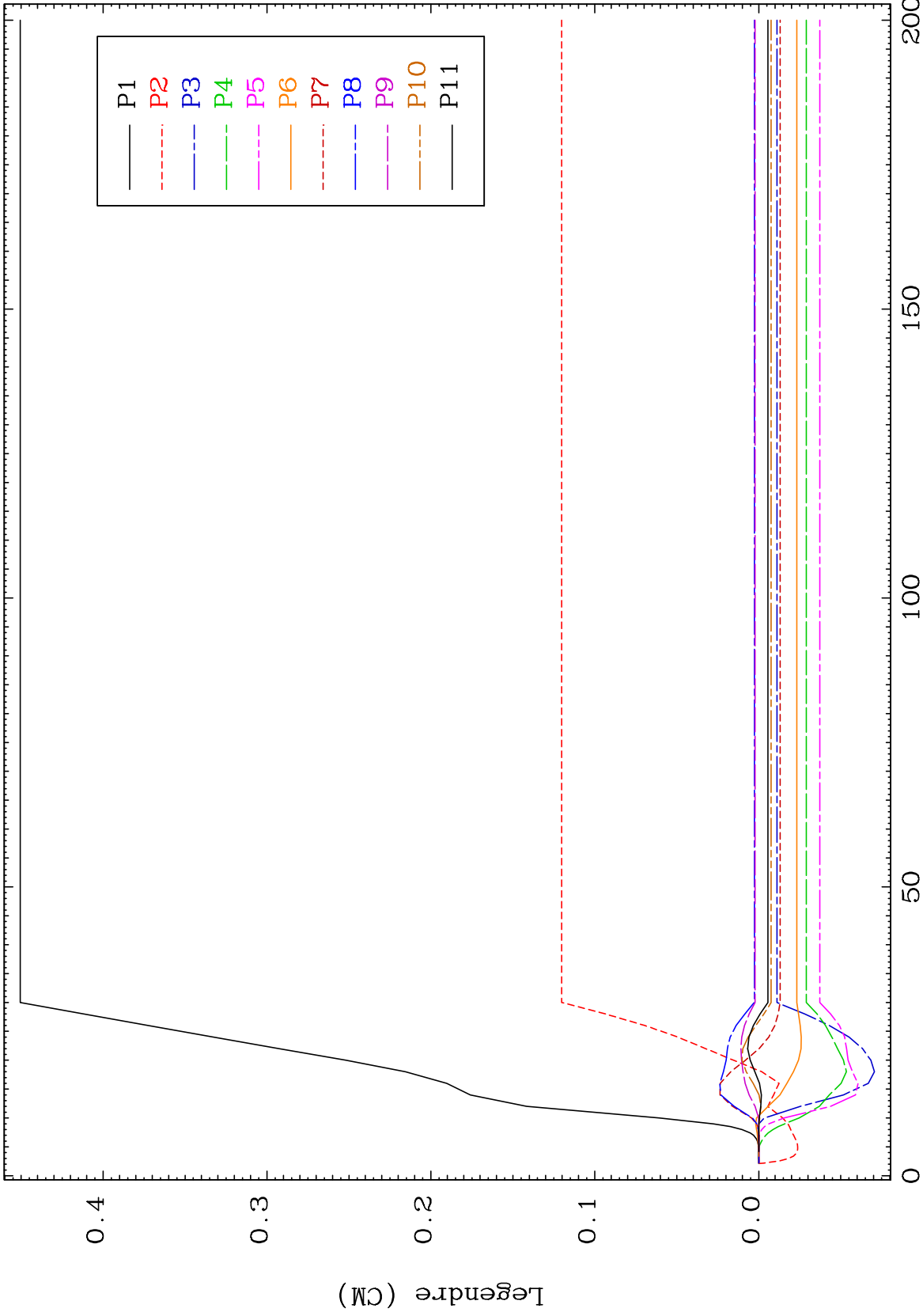
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



66

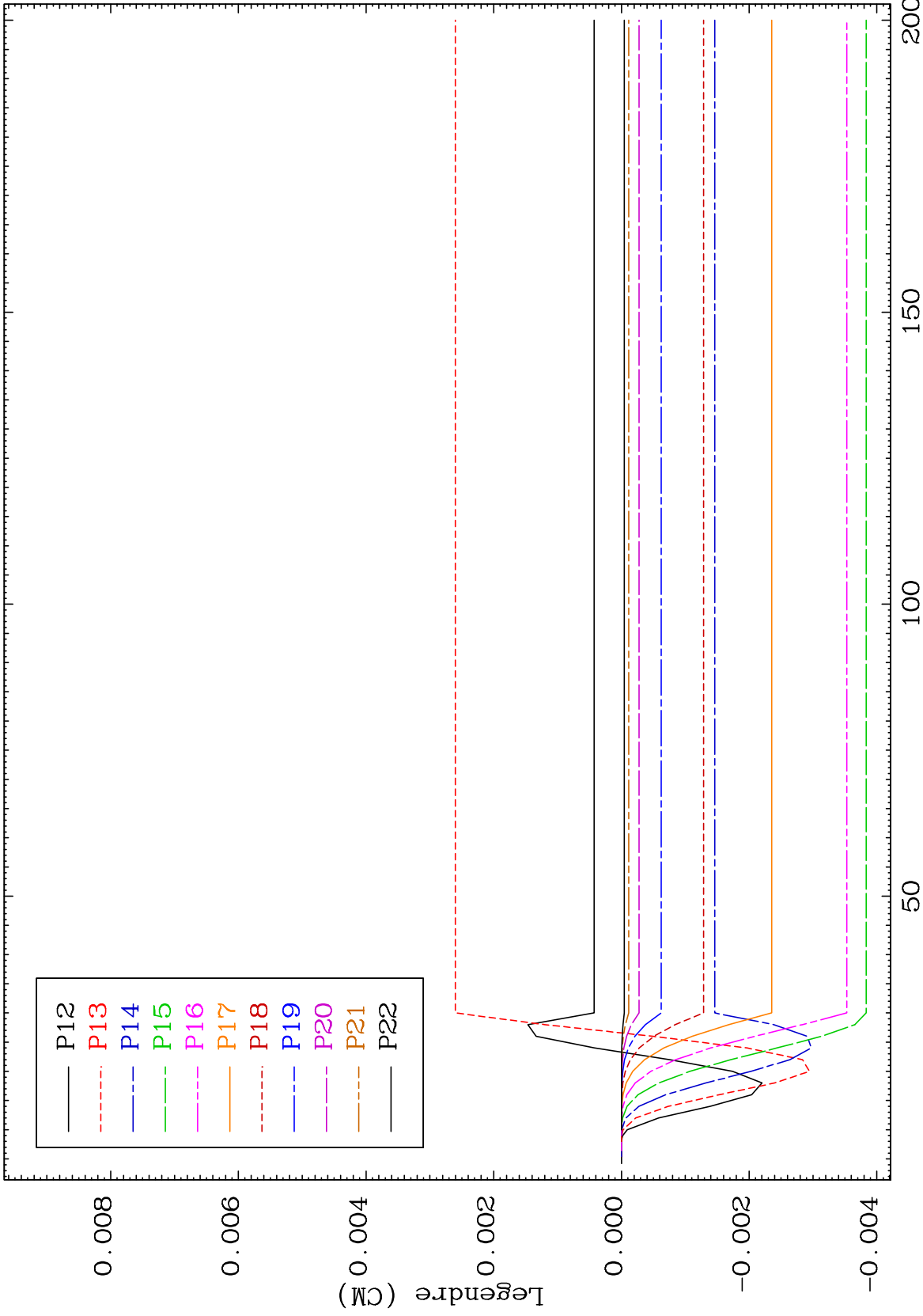
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

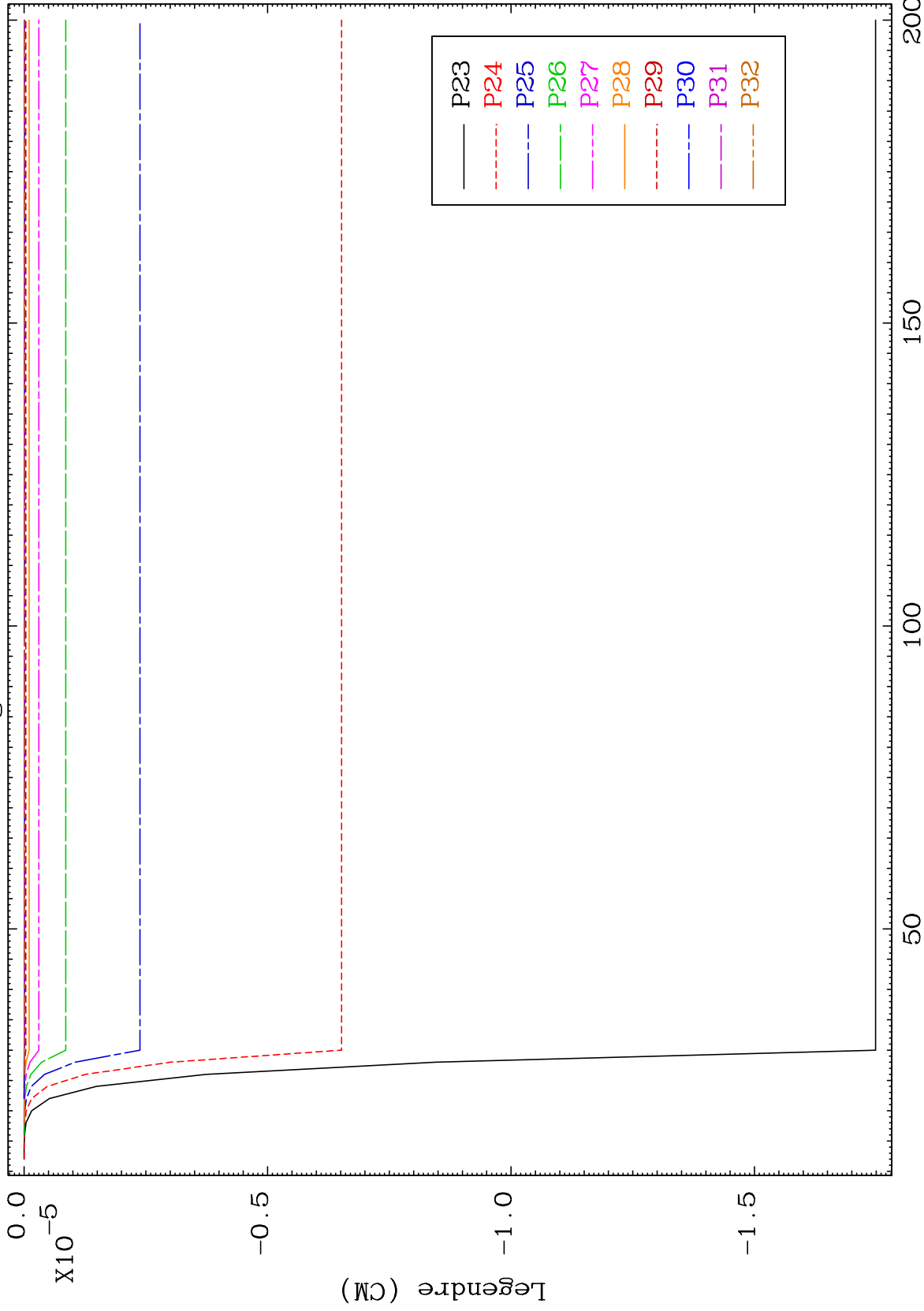
31-Ga-67



67

Incident Energy (MeV)

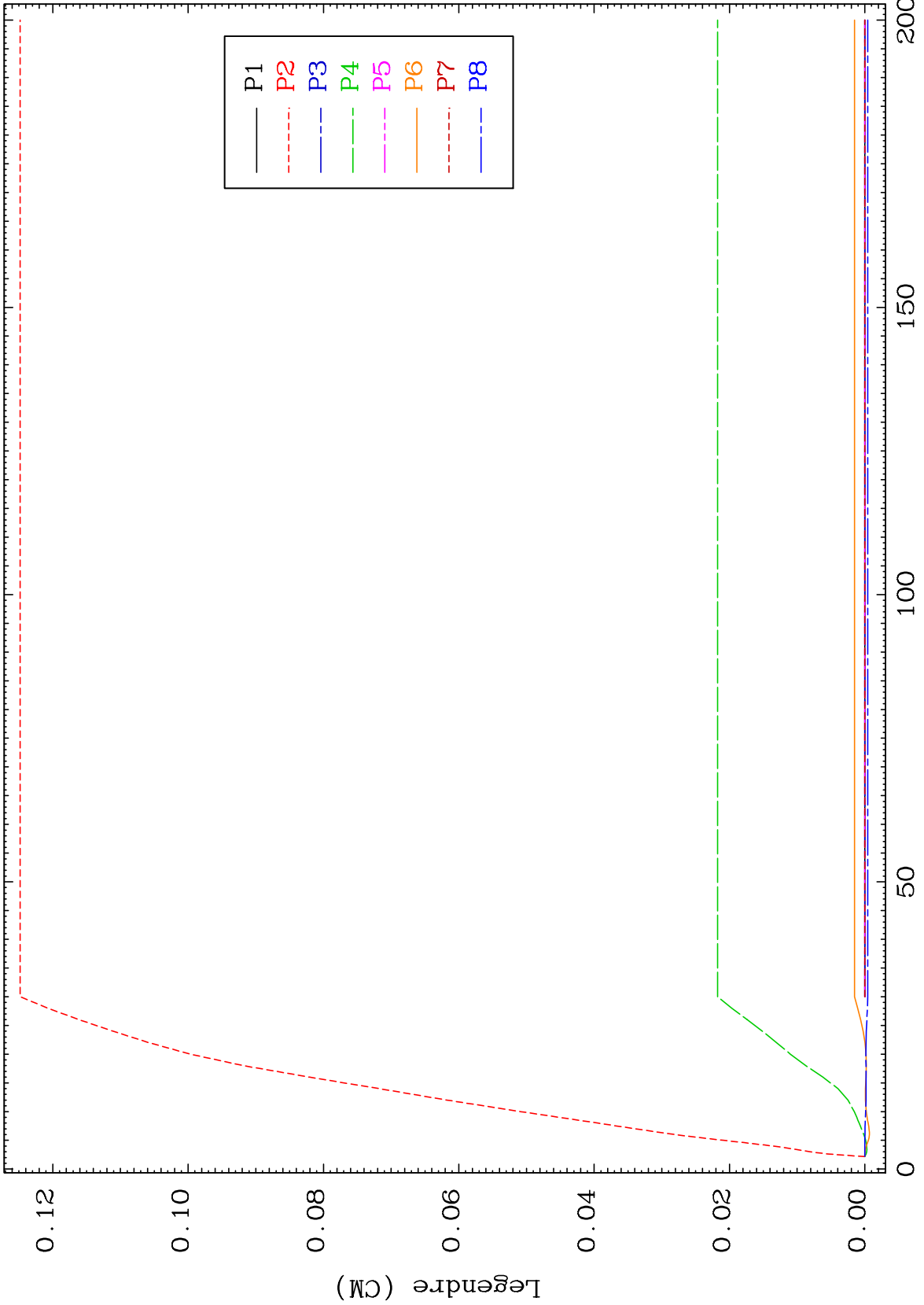
31-Ga-67



MAT 3119

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

31-Ga-67



69

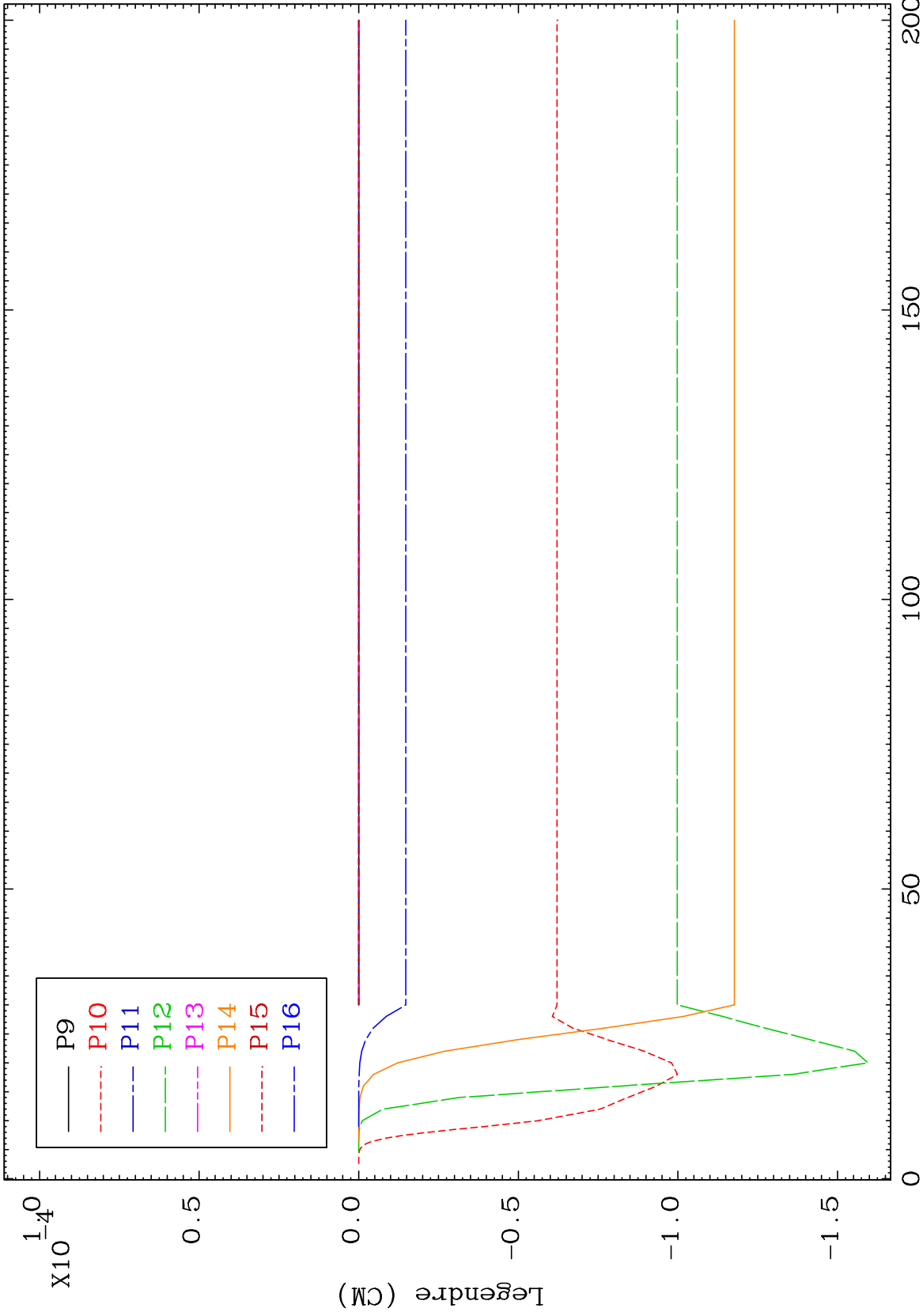
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



70

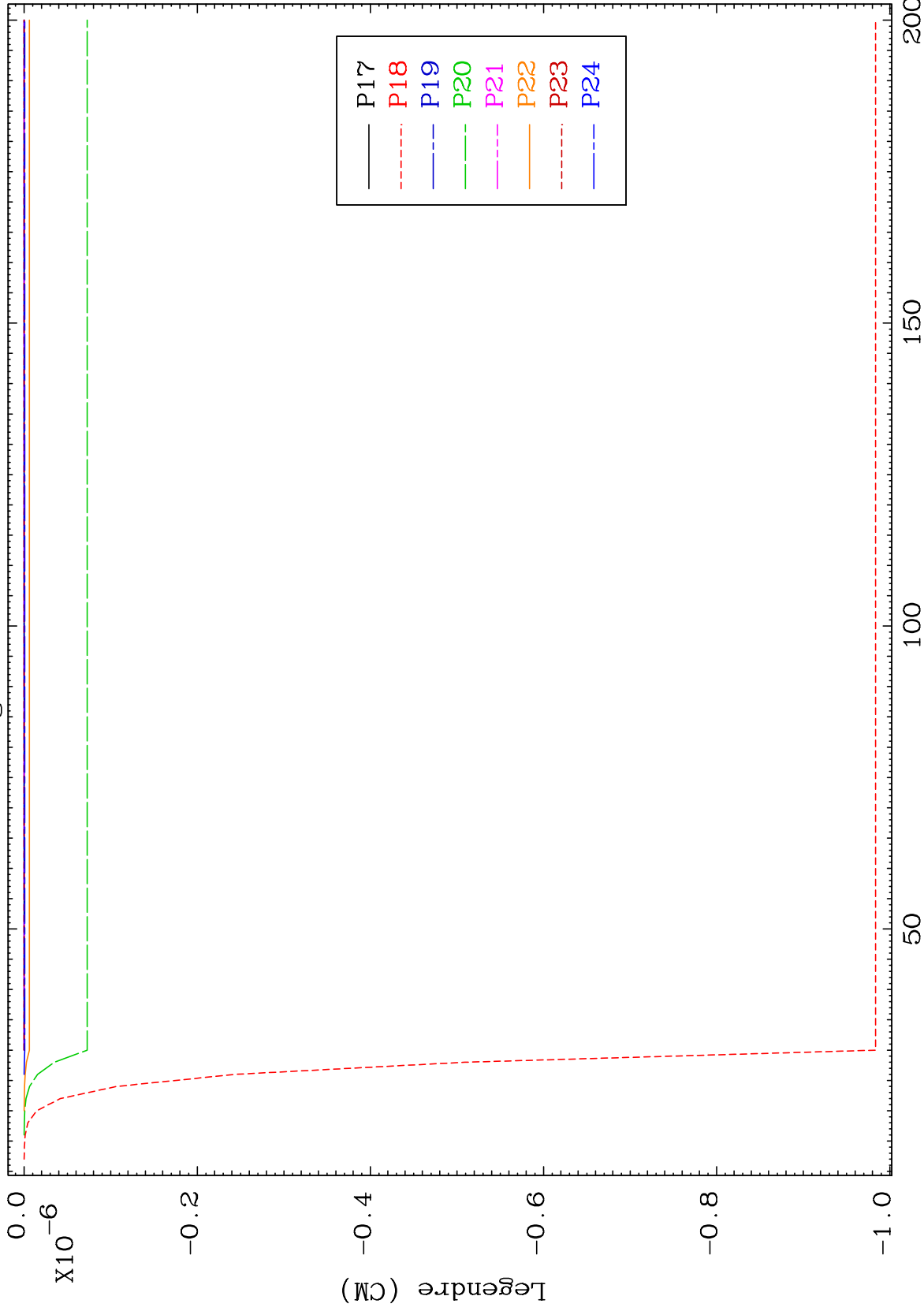
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



71

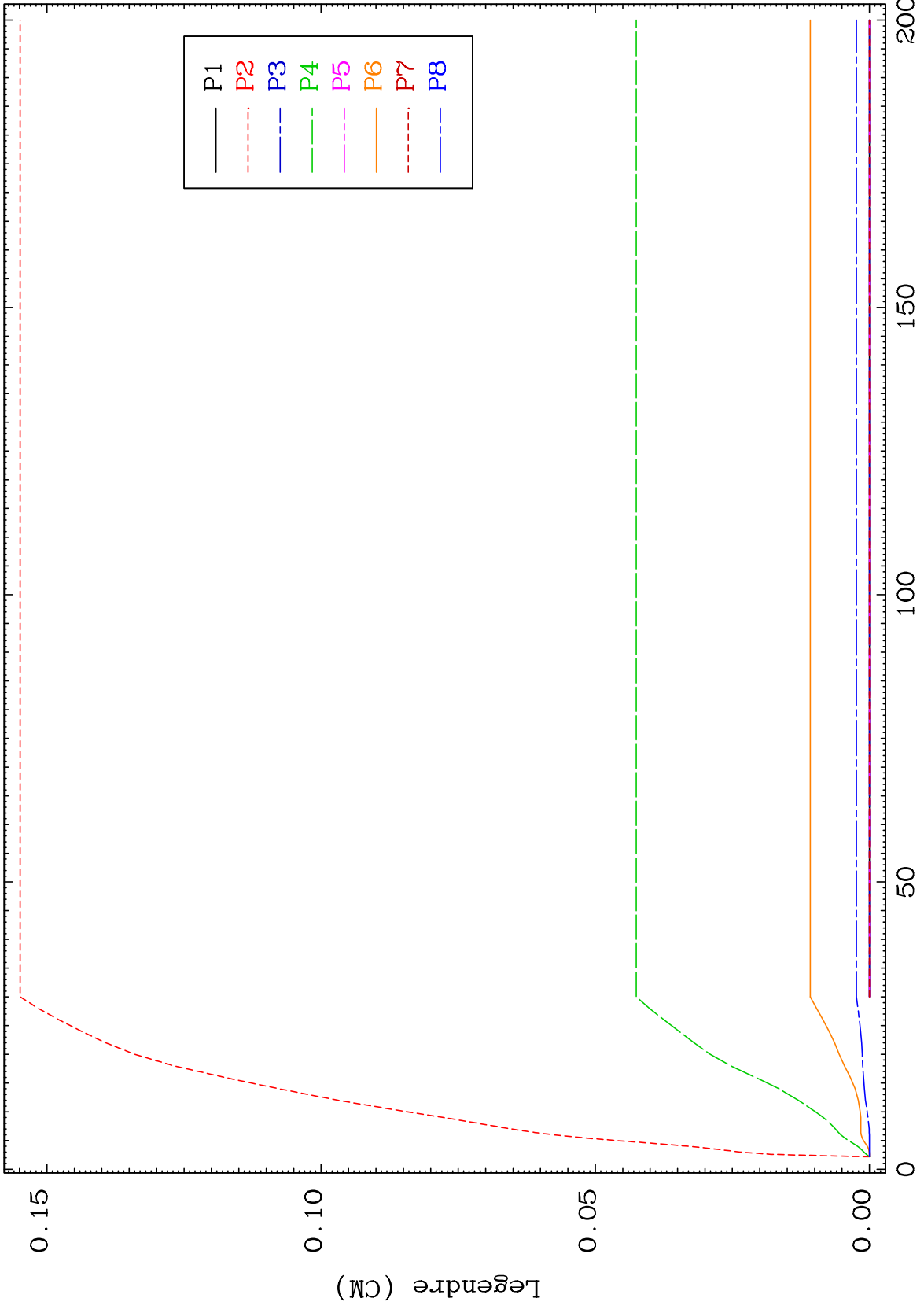
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



72

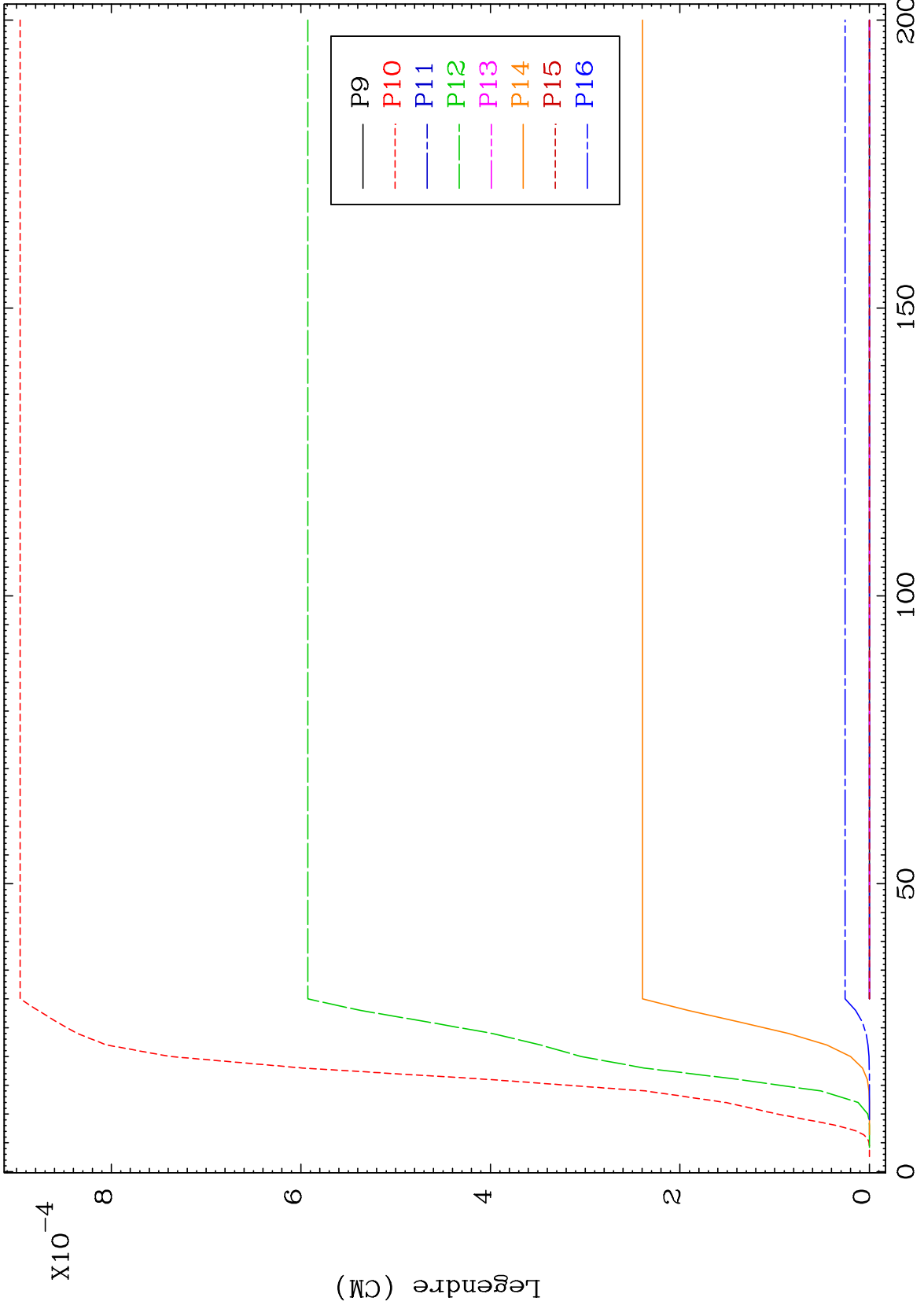
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67

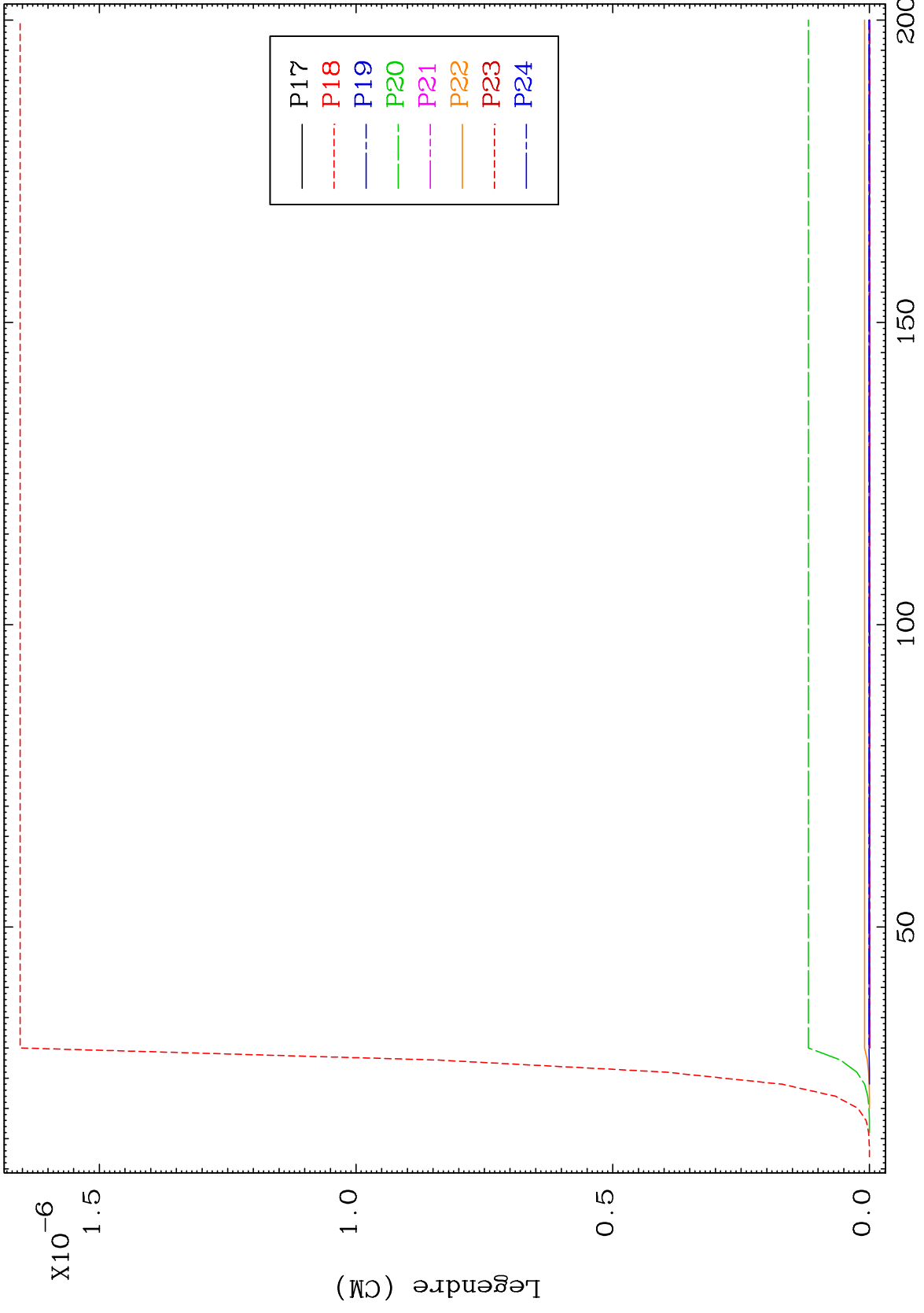


73

Incident Energy (MeV)

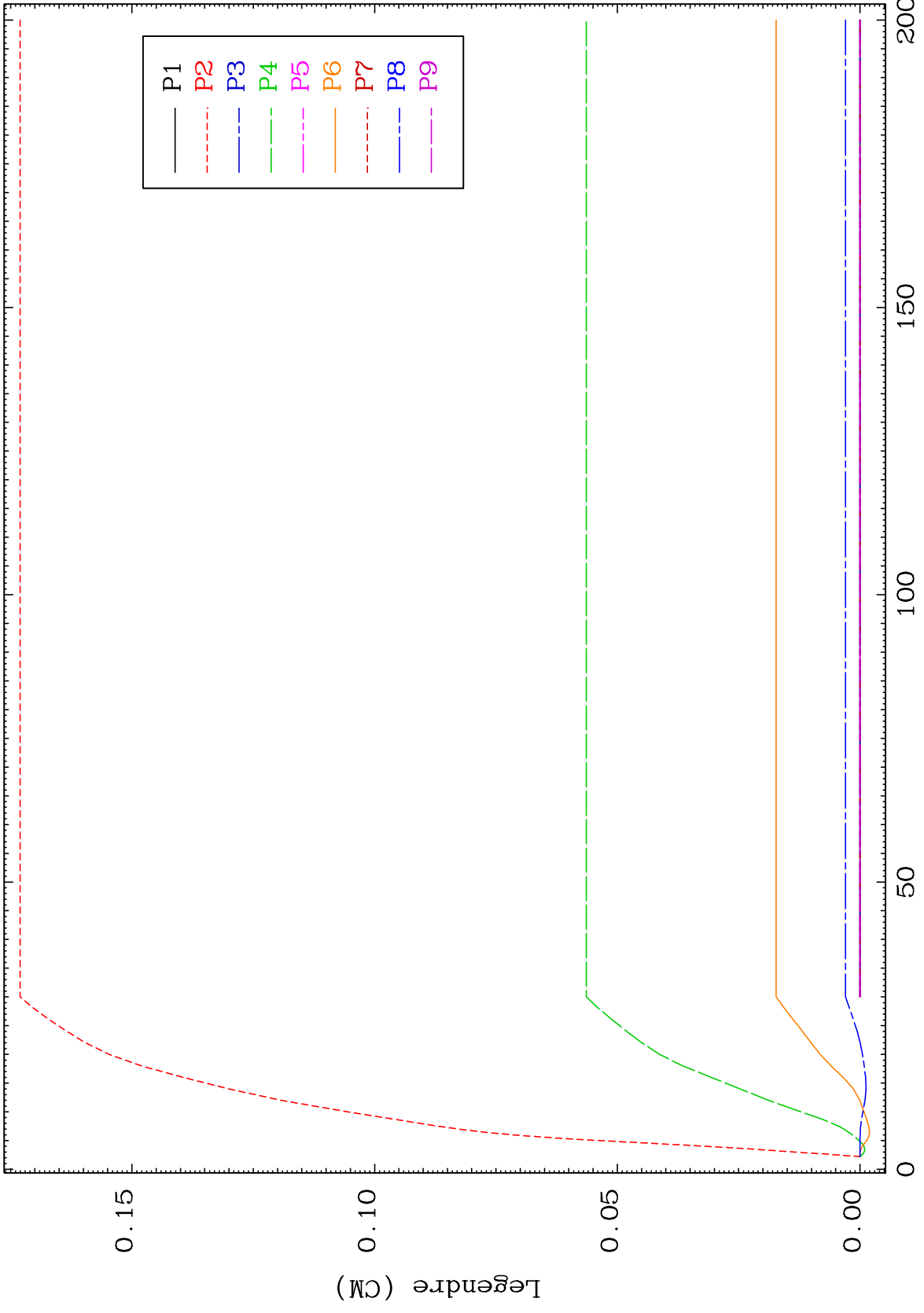
31-Ga-67

MAT 3119 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-67



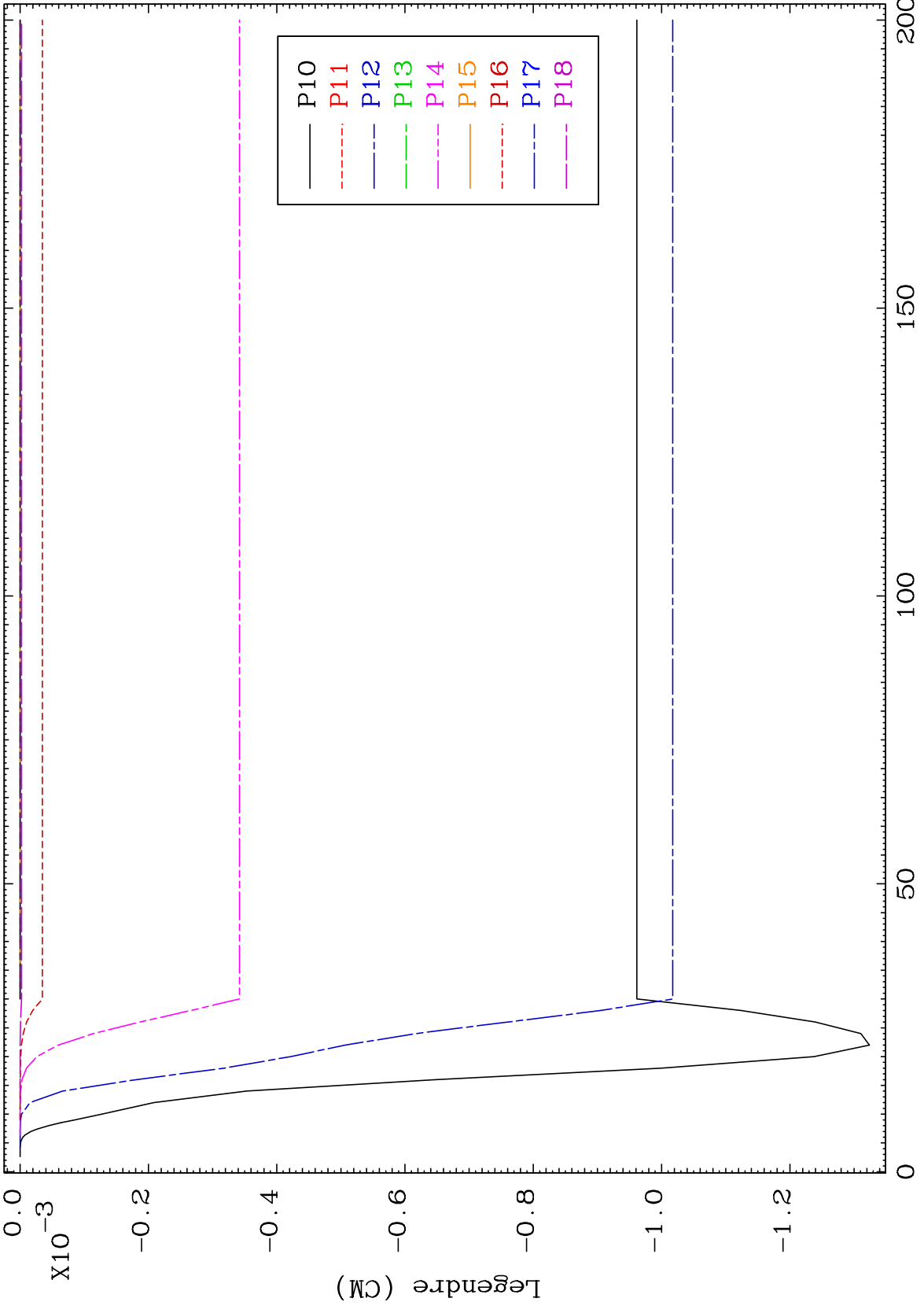
74 31-Ga-67

MAT 3119 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-67



75 100 150 200 31-Ga-67

MAT 3119 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-67

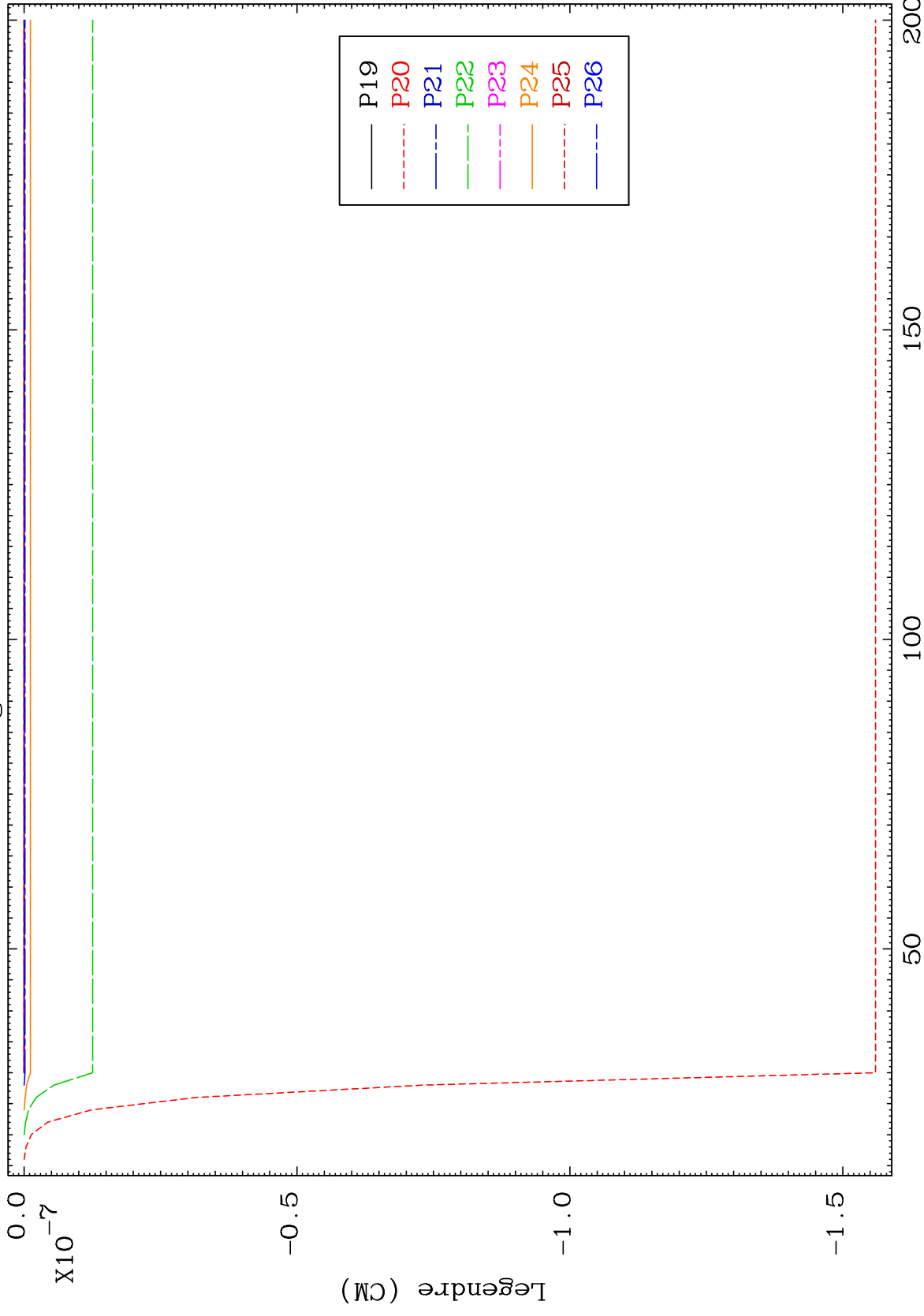


76 31-Ga-67

MAT 3119

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

31-Ga-67

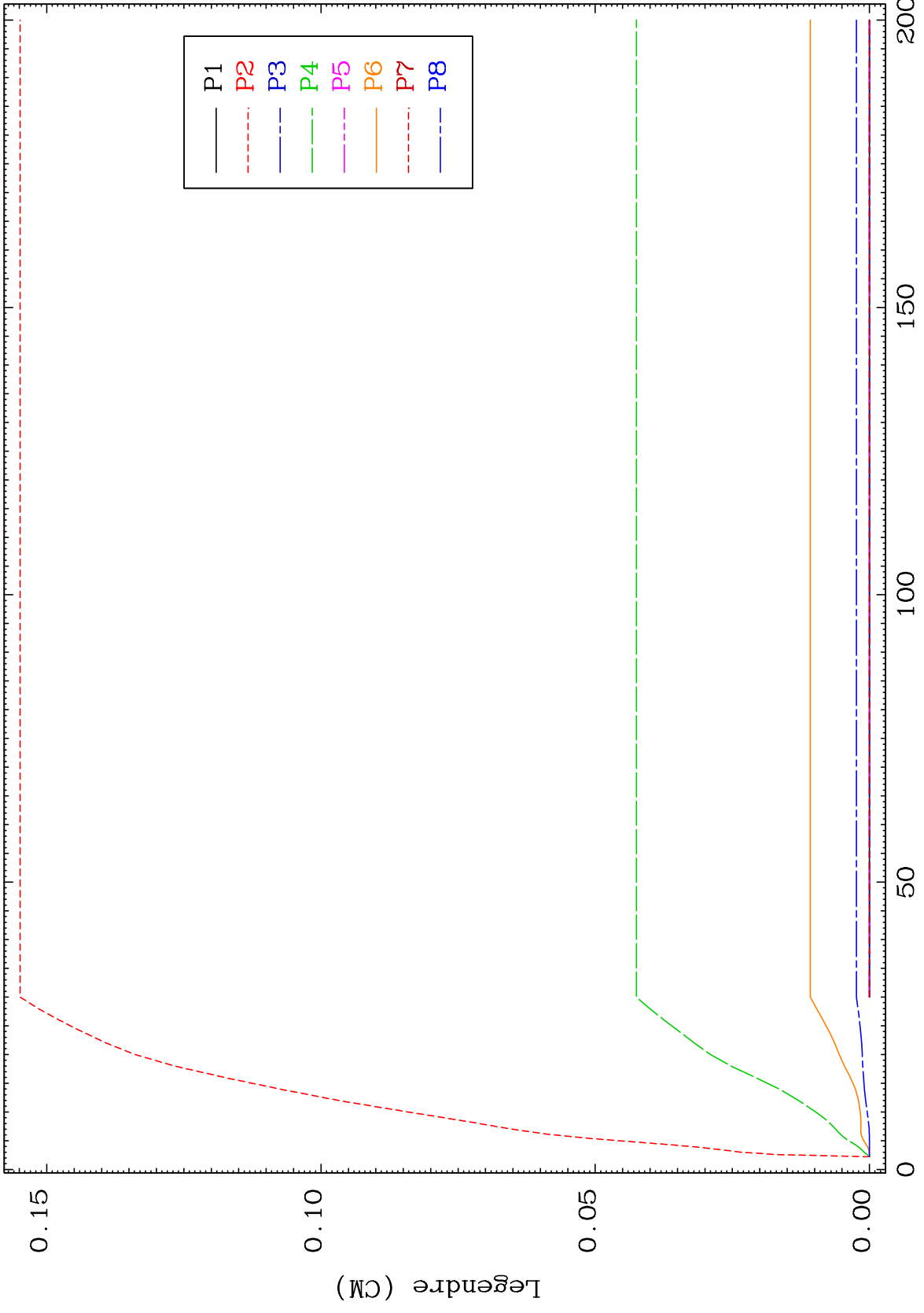


31-Ga-67

Incident Energy (MeV)

77

MAT 3119 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-67

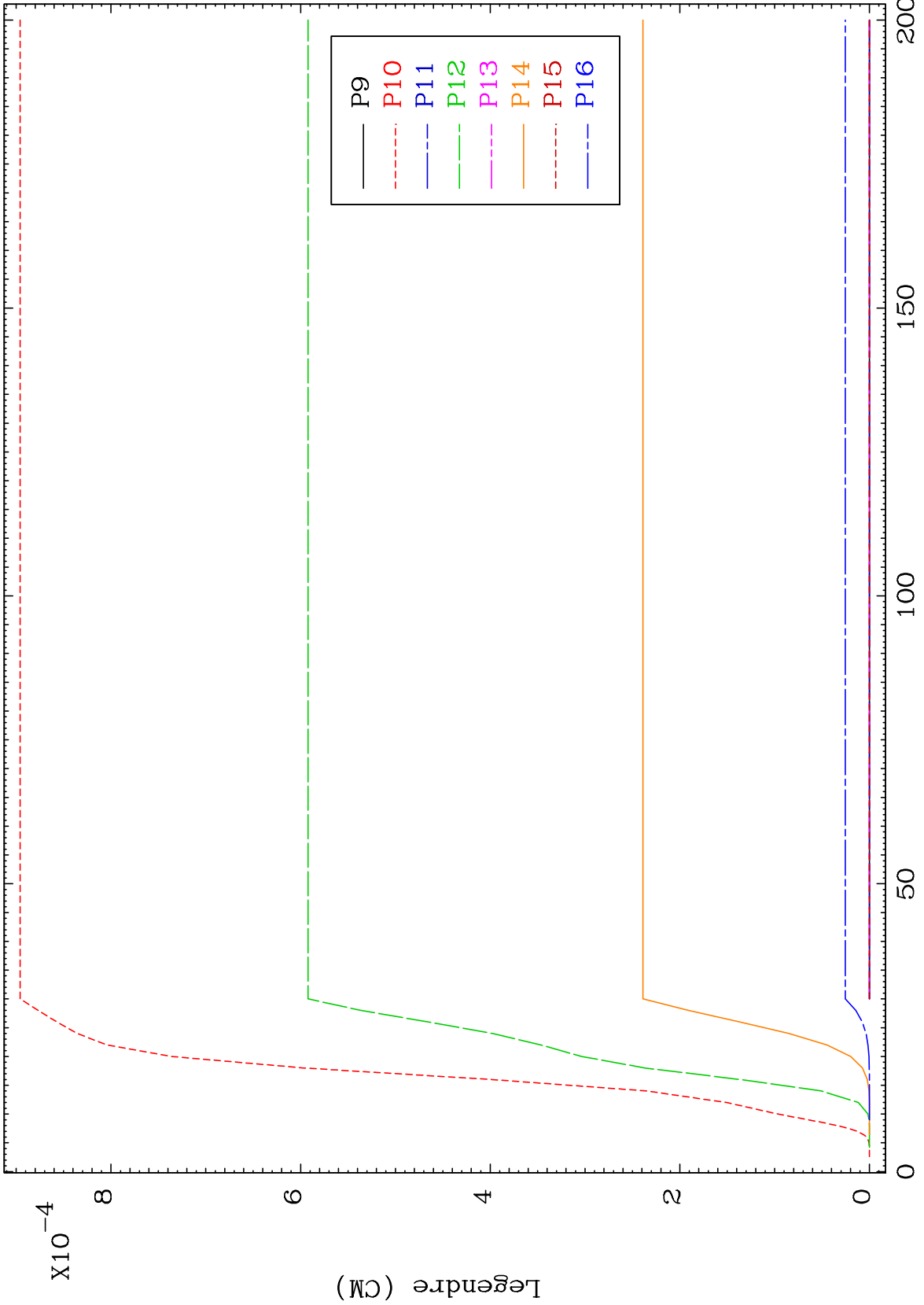


78 Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67



79

Incident Energy (MeV)

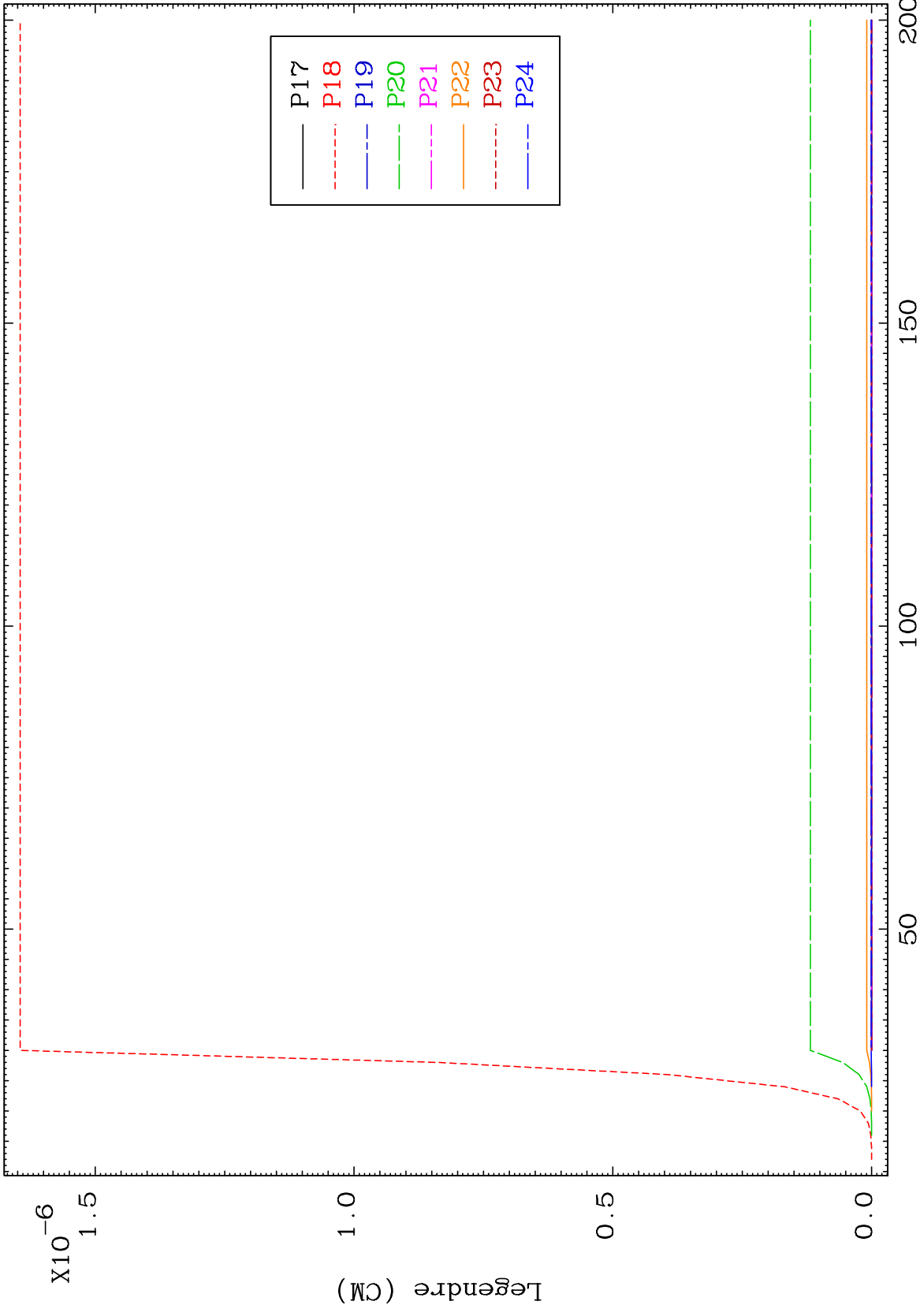
31-Ga-67

MAT 3119

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

31-Ga-67

Incident Energy (MeV)



80

50

100

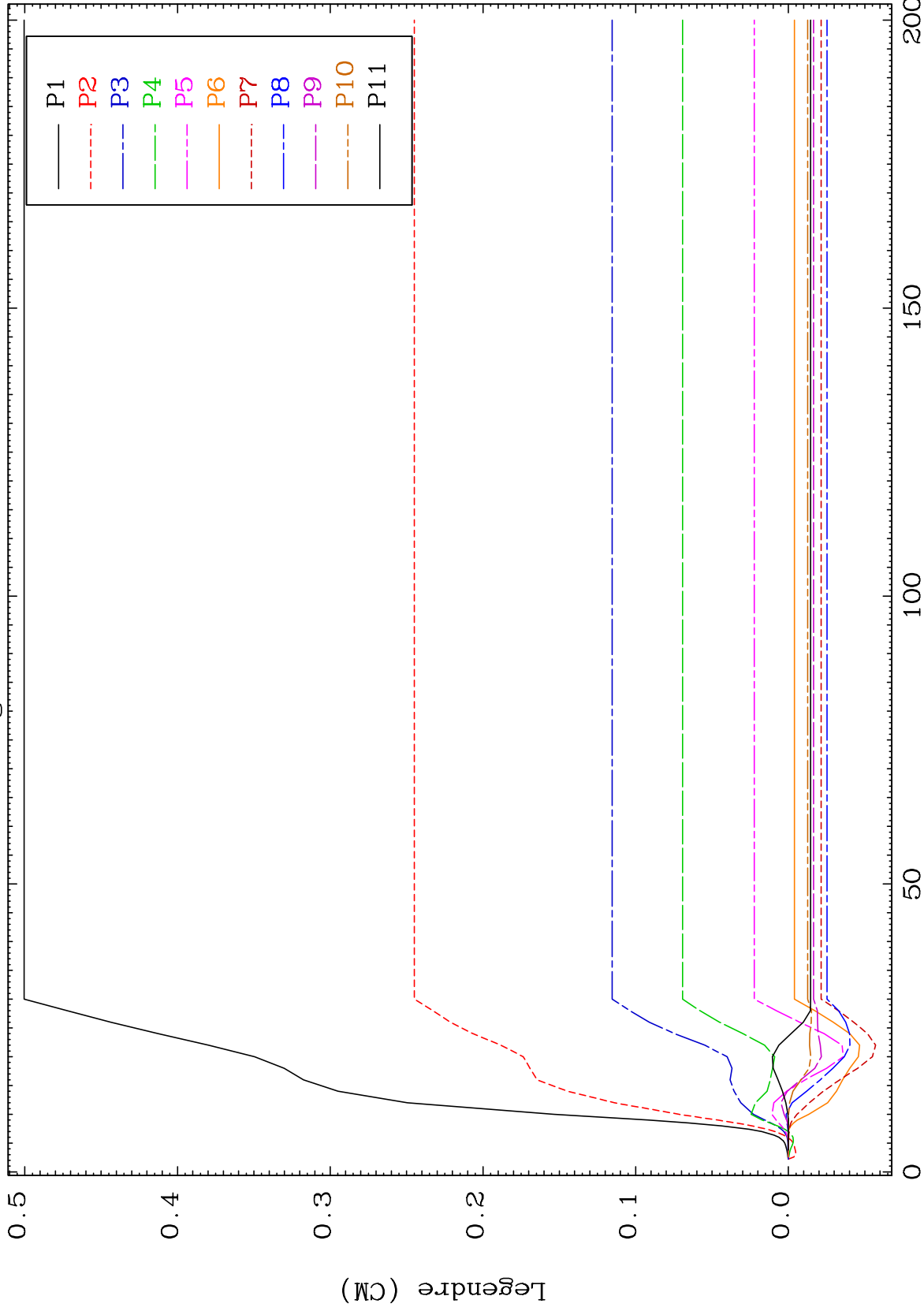
150

200

MAT 3119

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

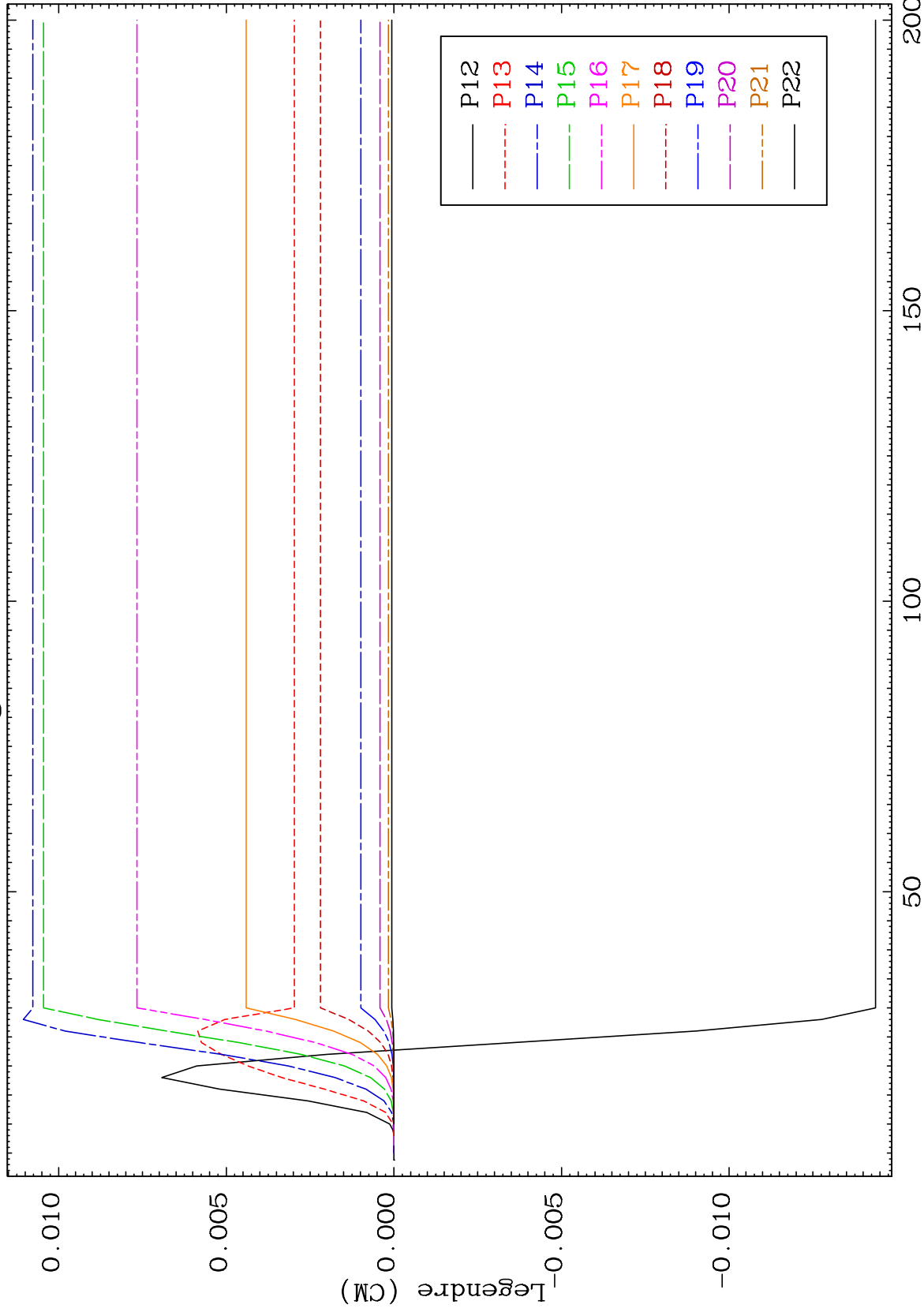
31-Ga-67

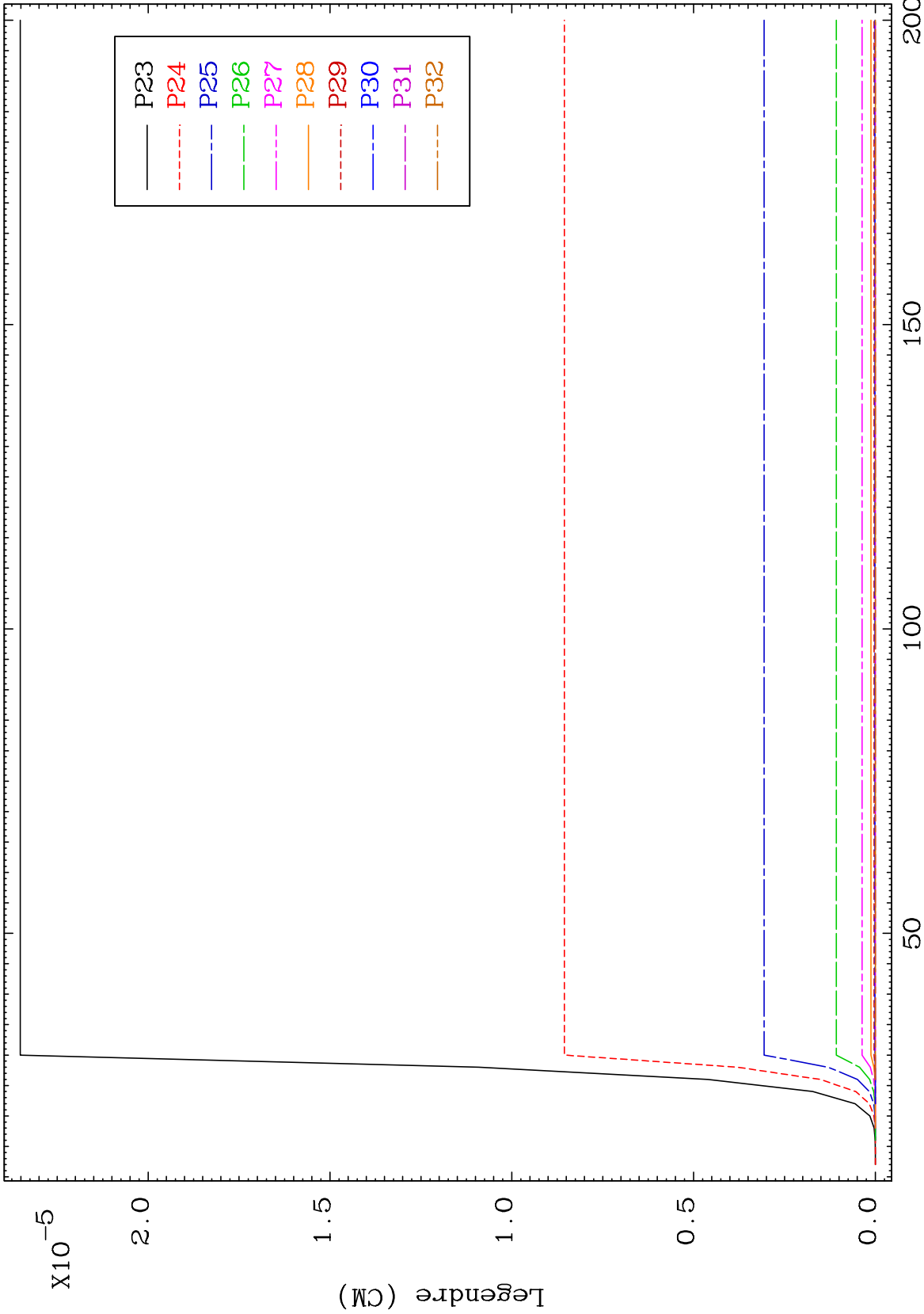


81

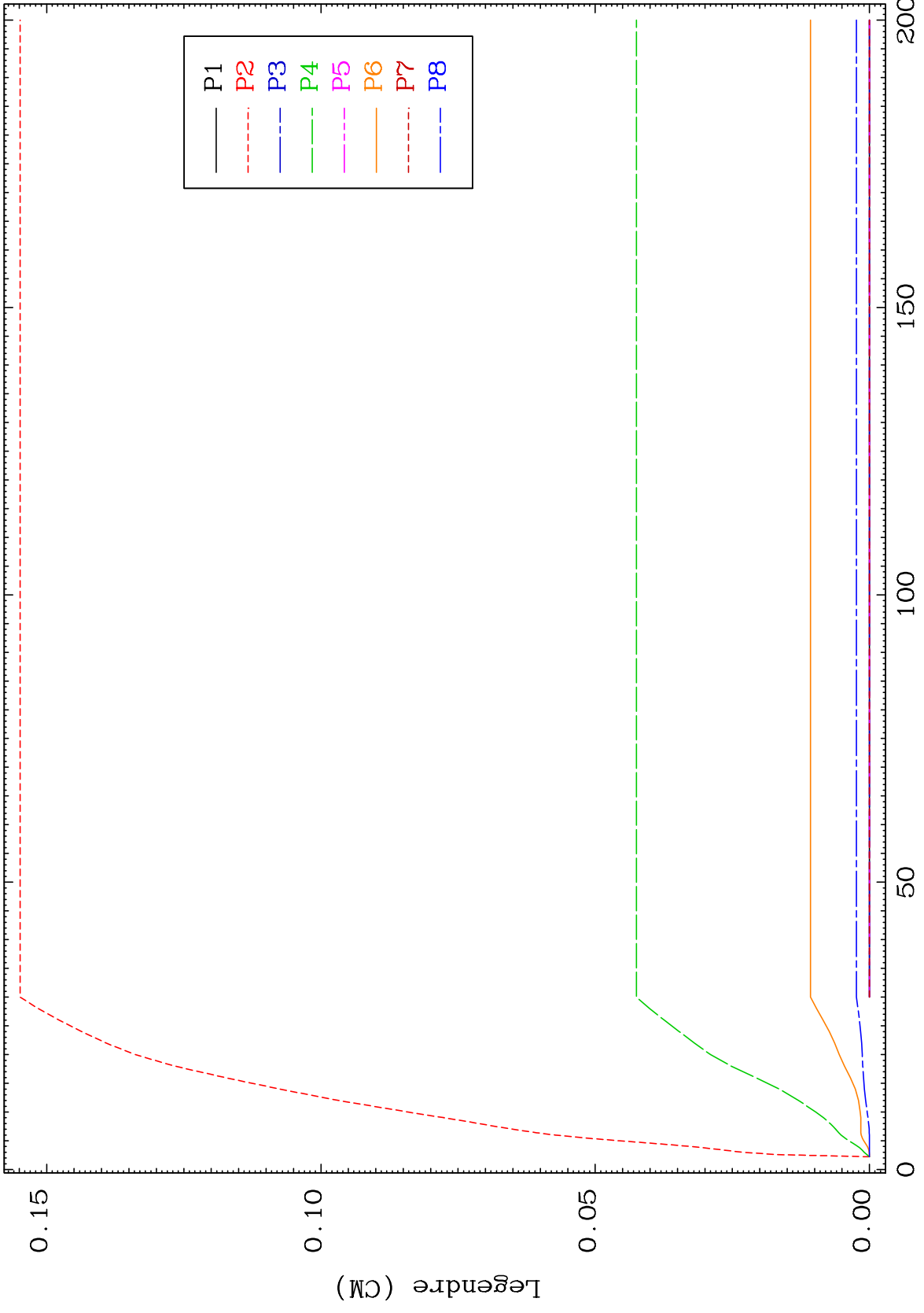
Incident Energy (MeV)

31-Ga-67





MAT 3119 MT= 73 (n,n') Level Legendre Coefficients 31-Ga-67

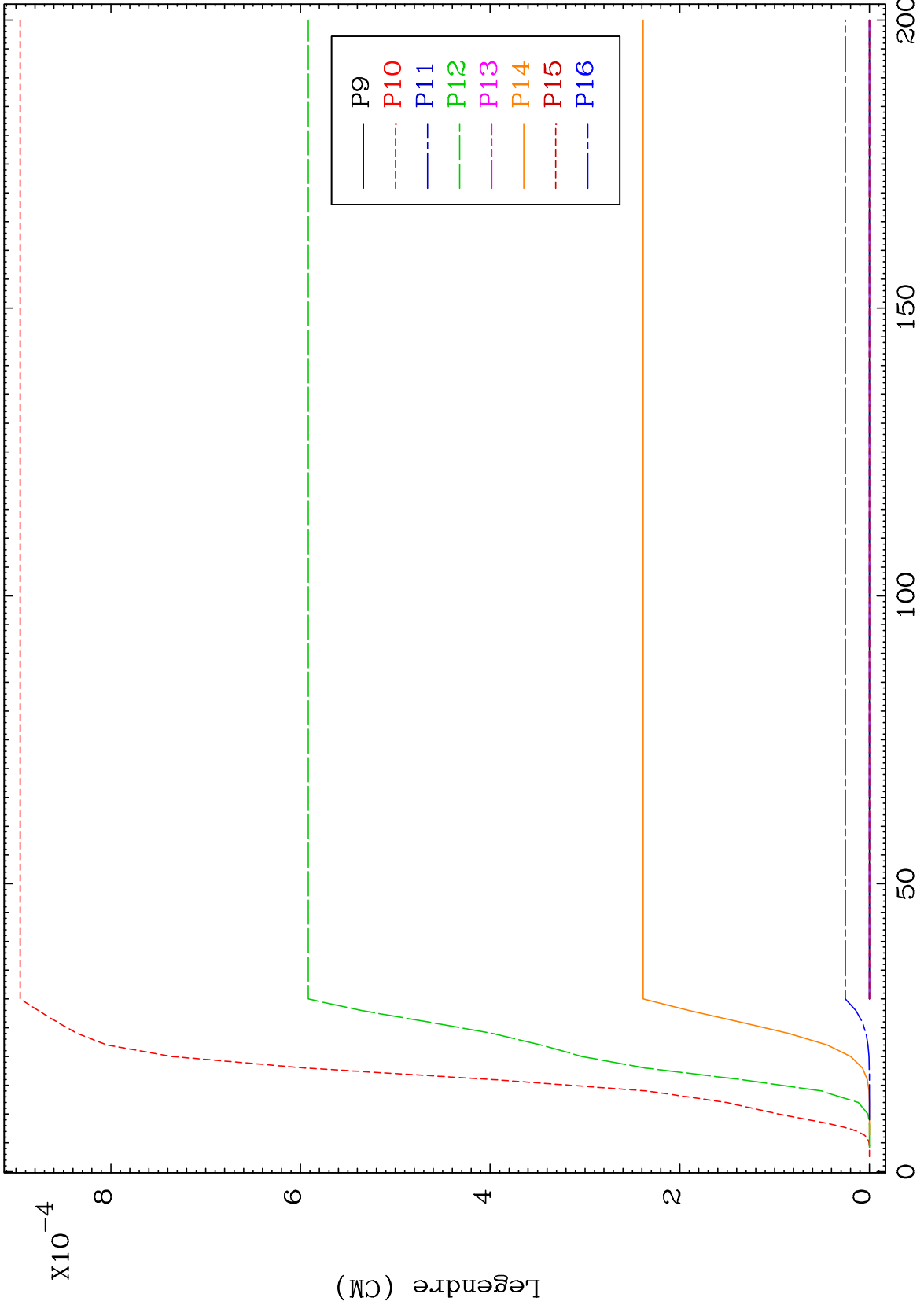


84 31-Ga-67

MAT 3119

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

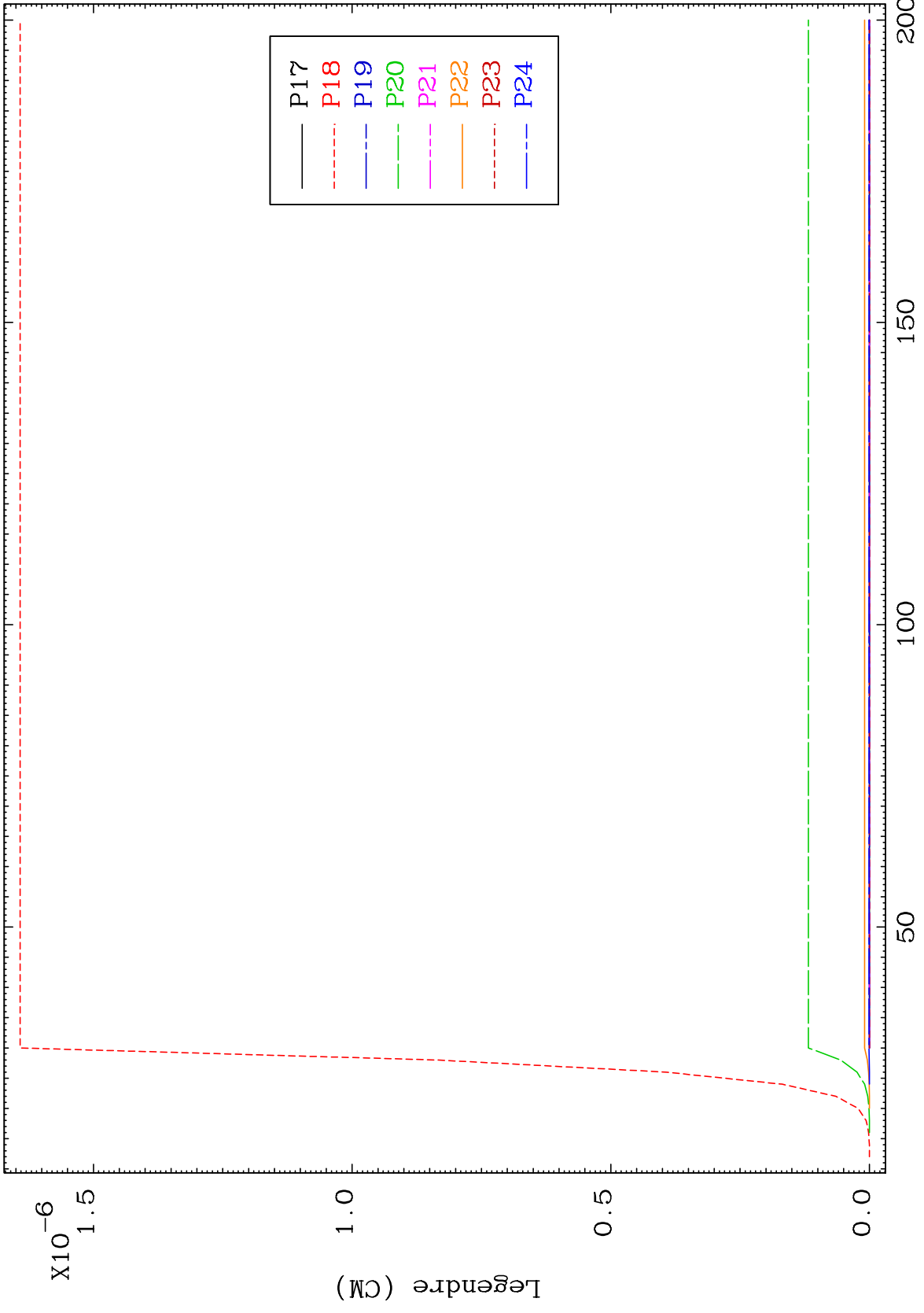
31-Ga-67



85

Incident Energy (MeV)

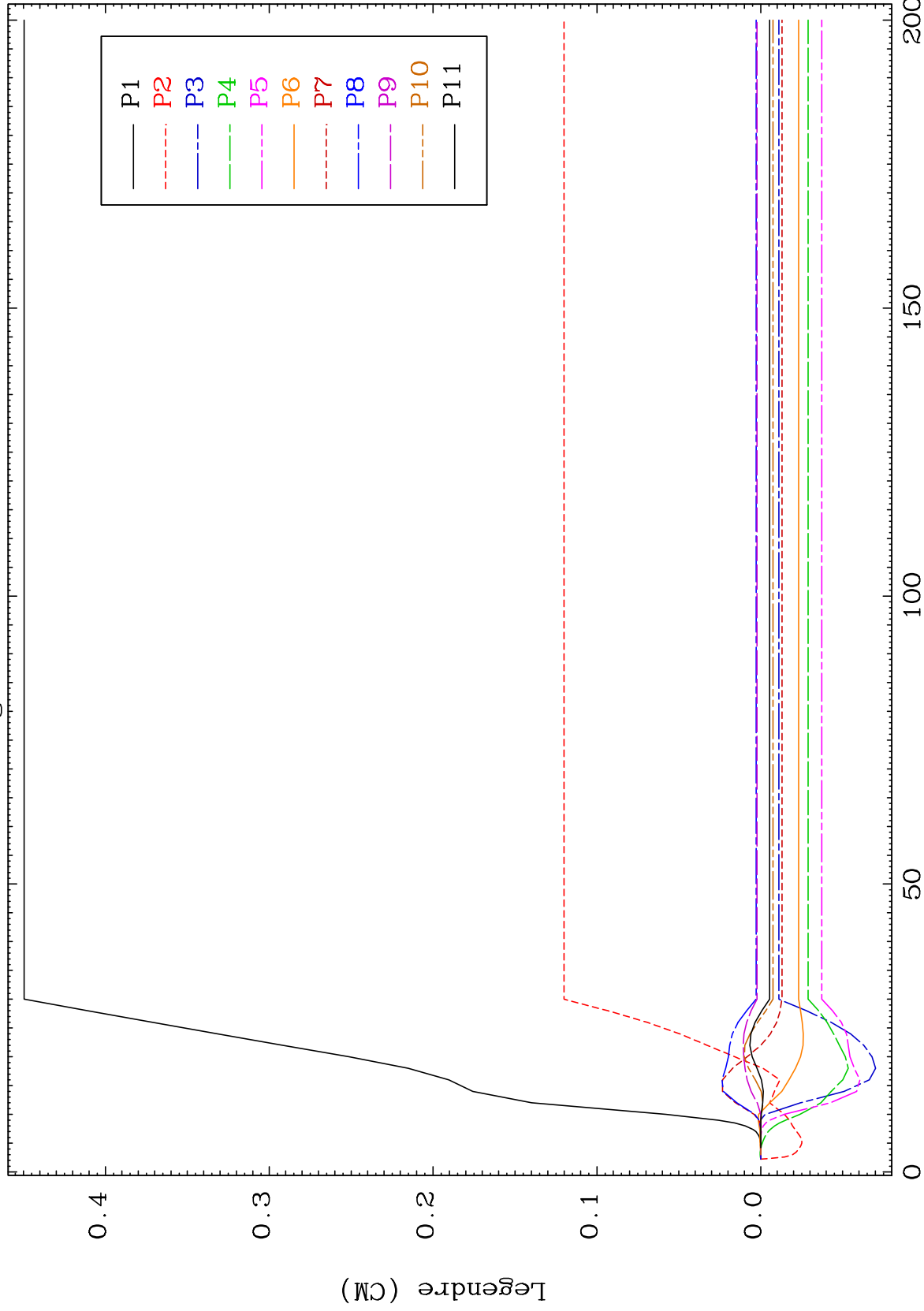
31-Ga-67



MAT 3119

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

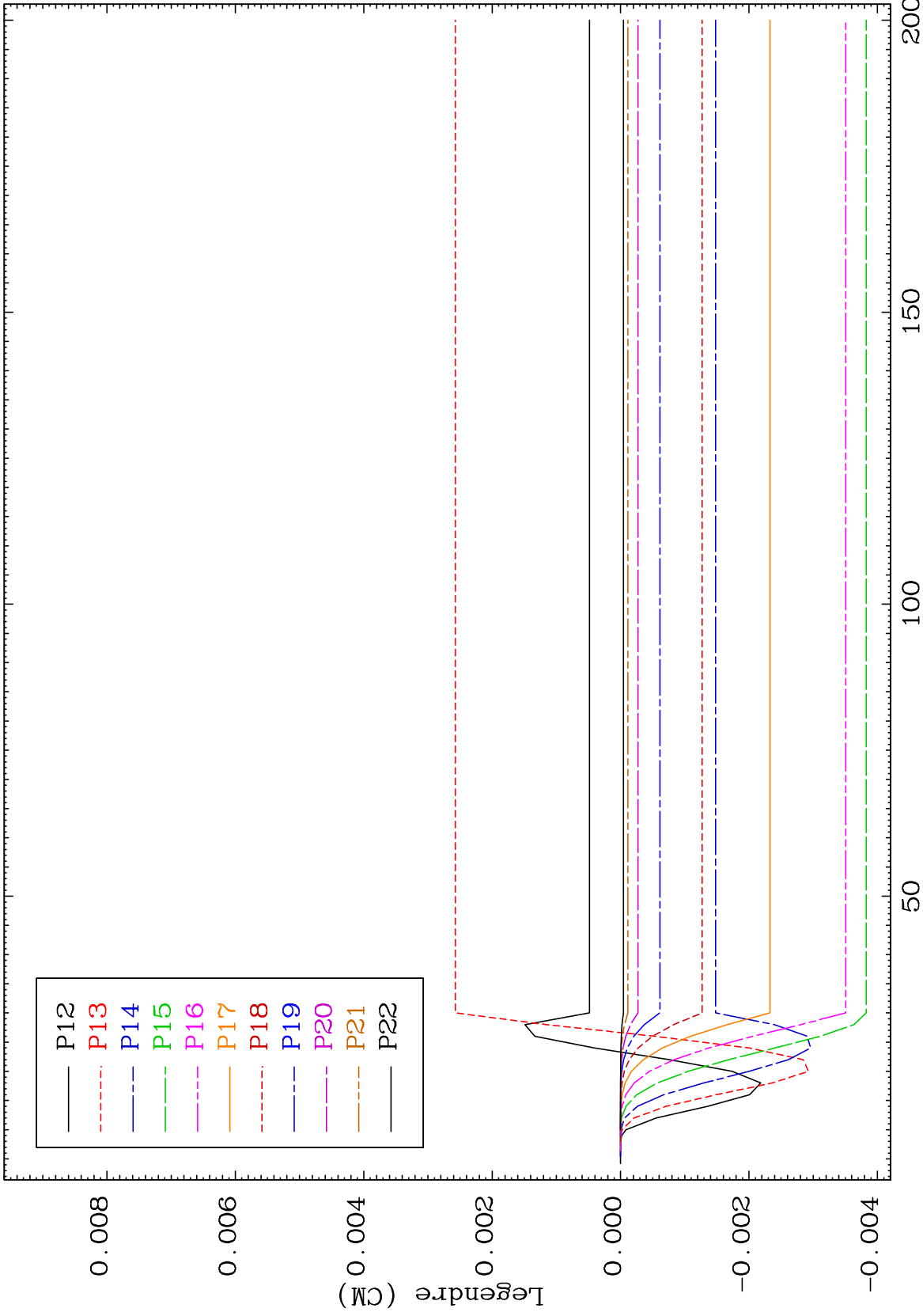
31-Ga-67



87

Incident Energy (MeV)

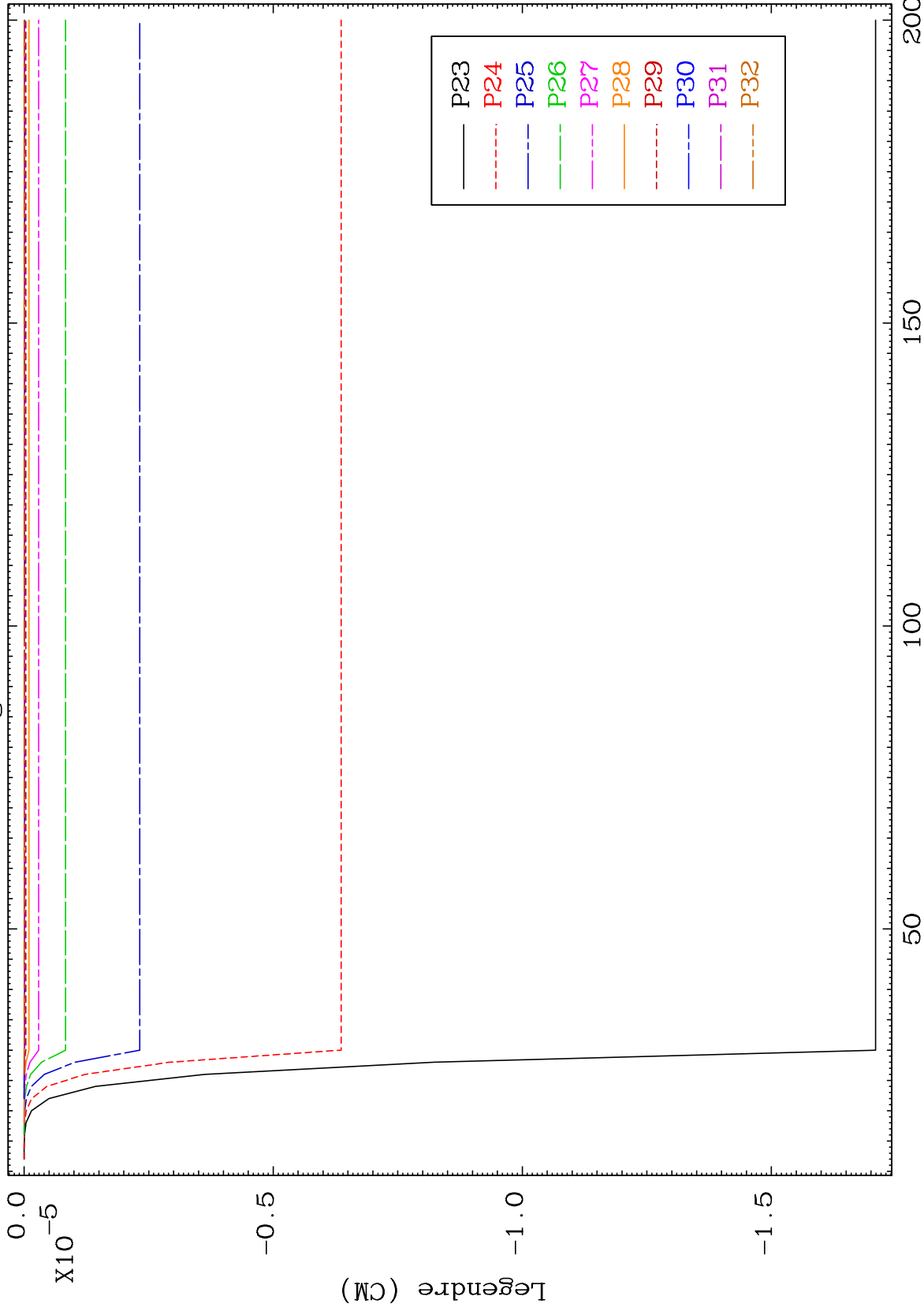
31-Ga-67



MAT 3119

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

31-Ga-67



89

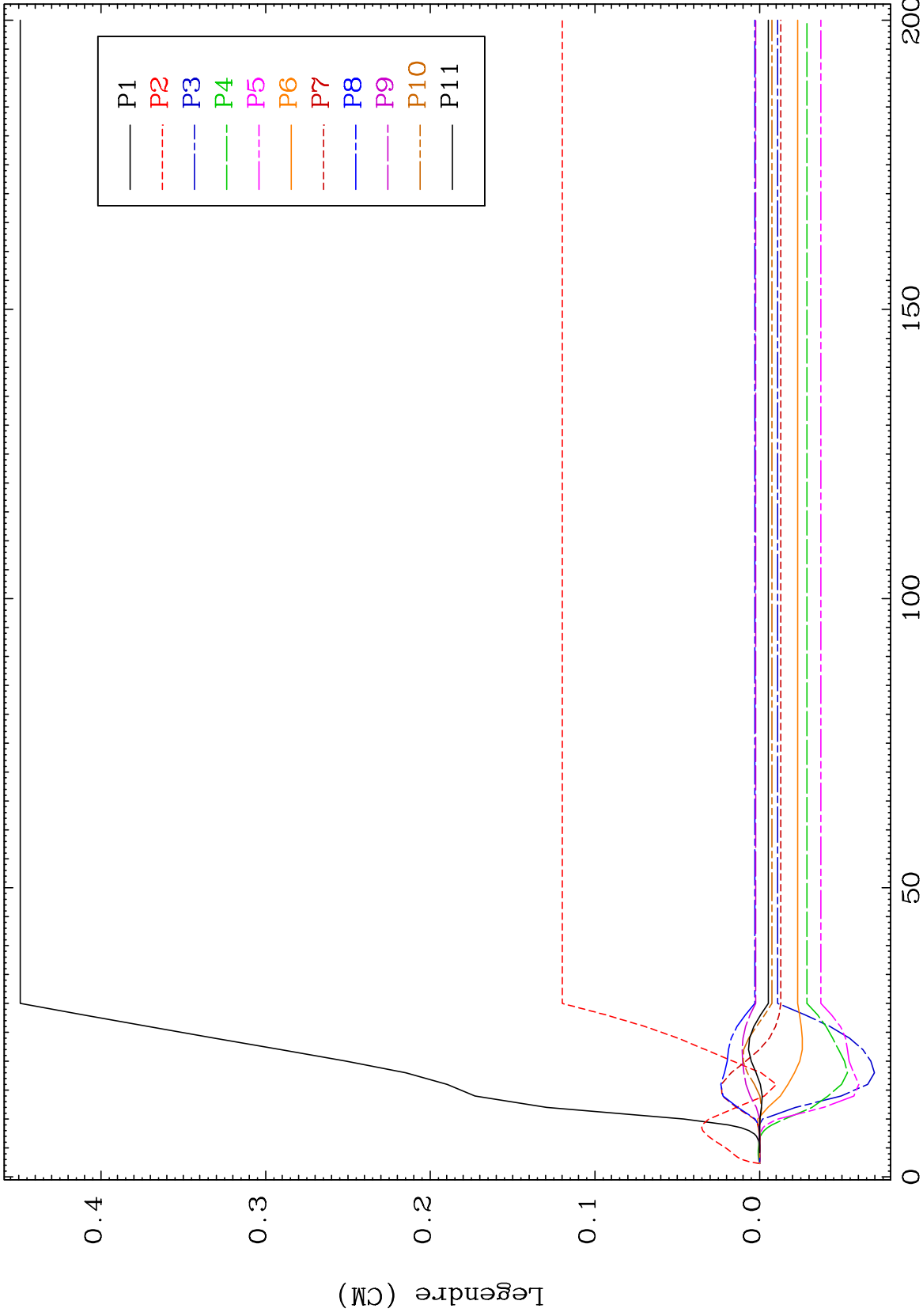
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

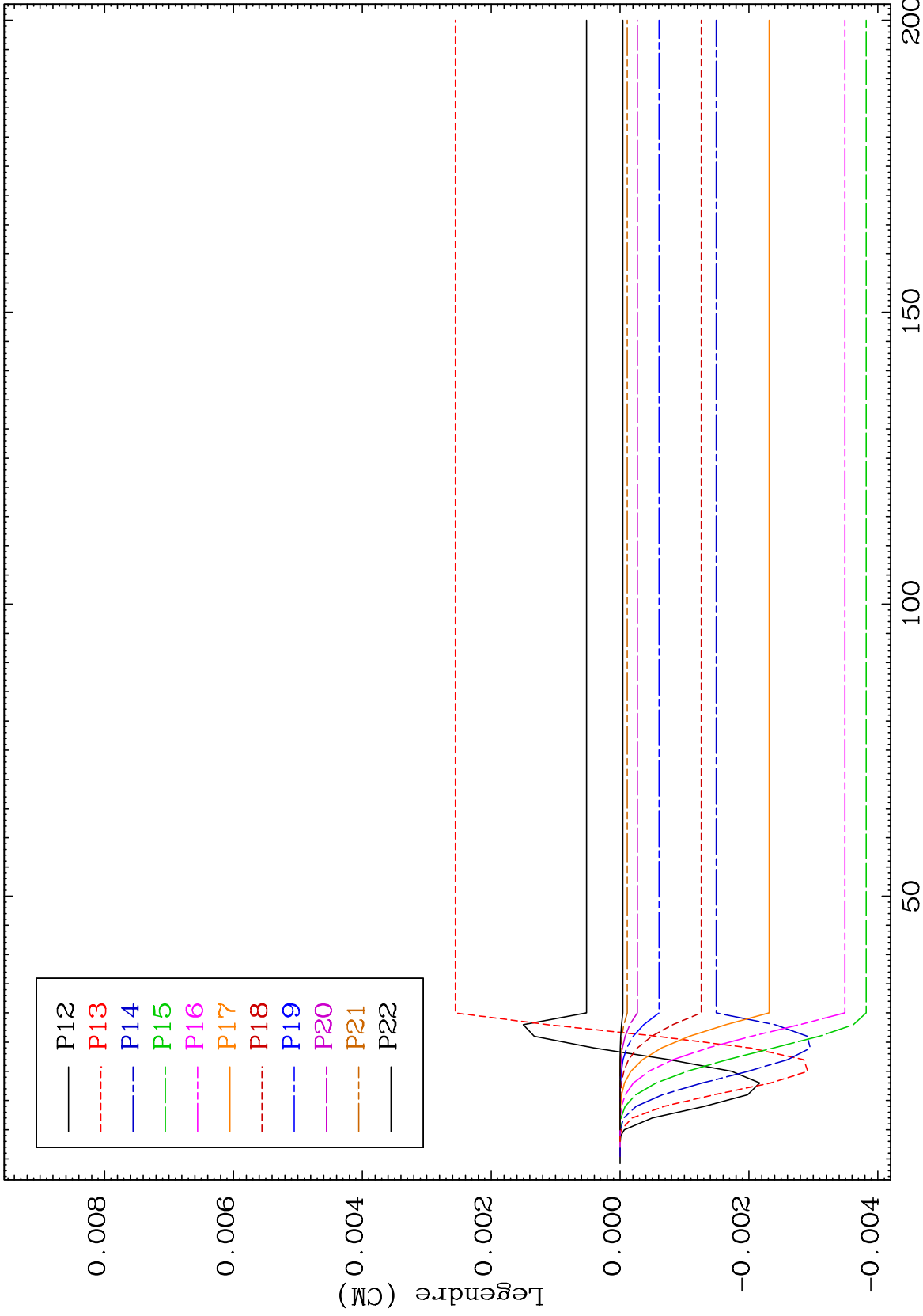
31-Ga-67



31-Ga-67

Incident Energy (MeV)

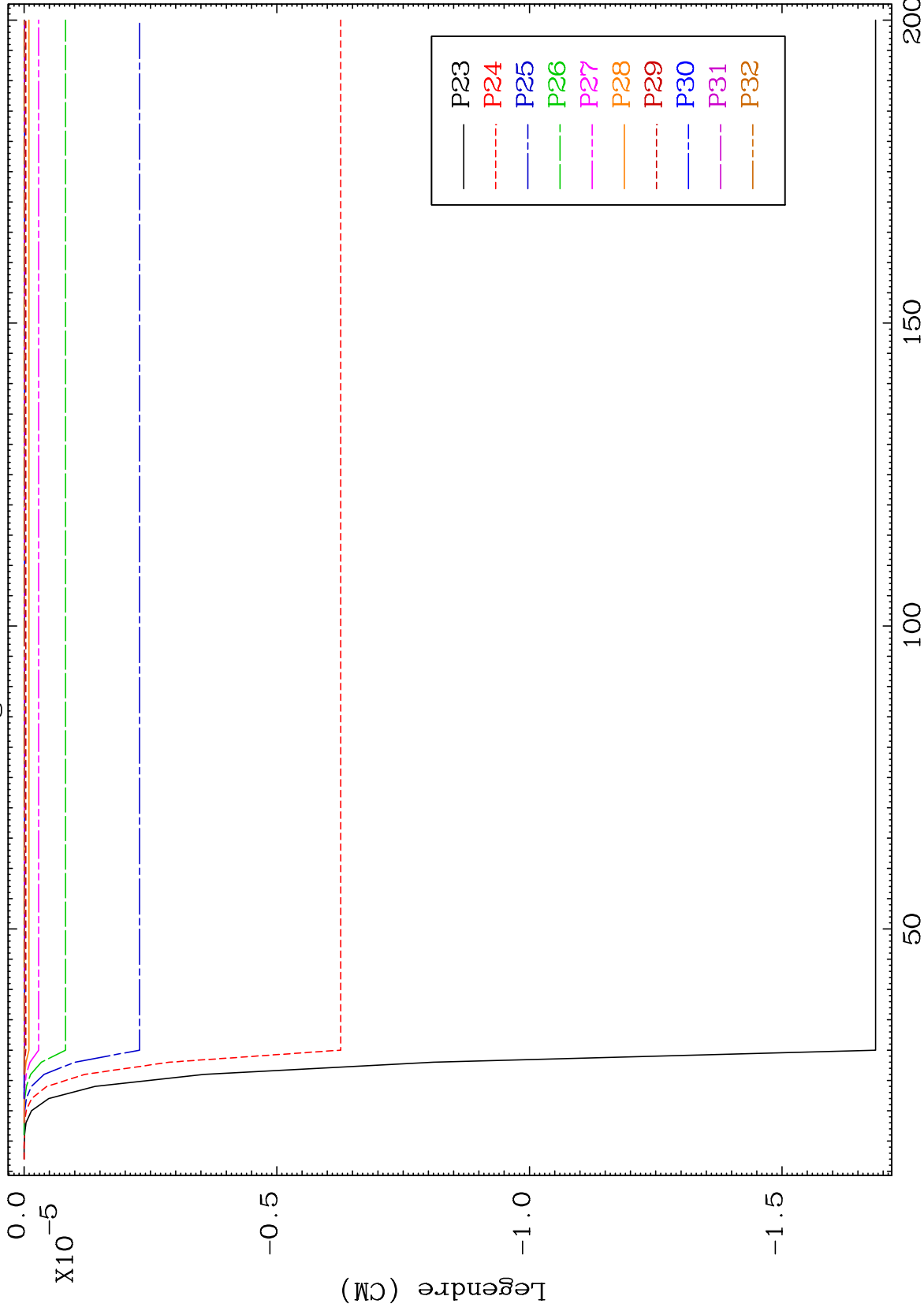
90



MAT 3119

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

31-Ga-67



31-Ga-67

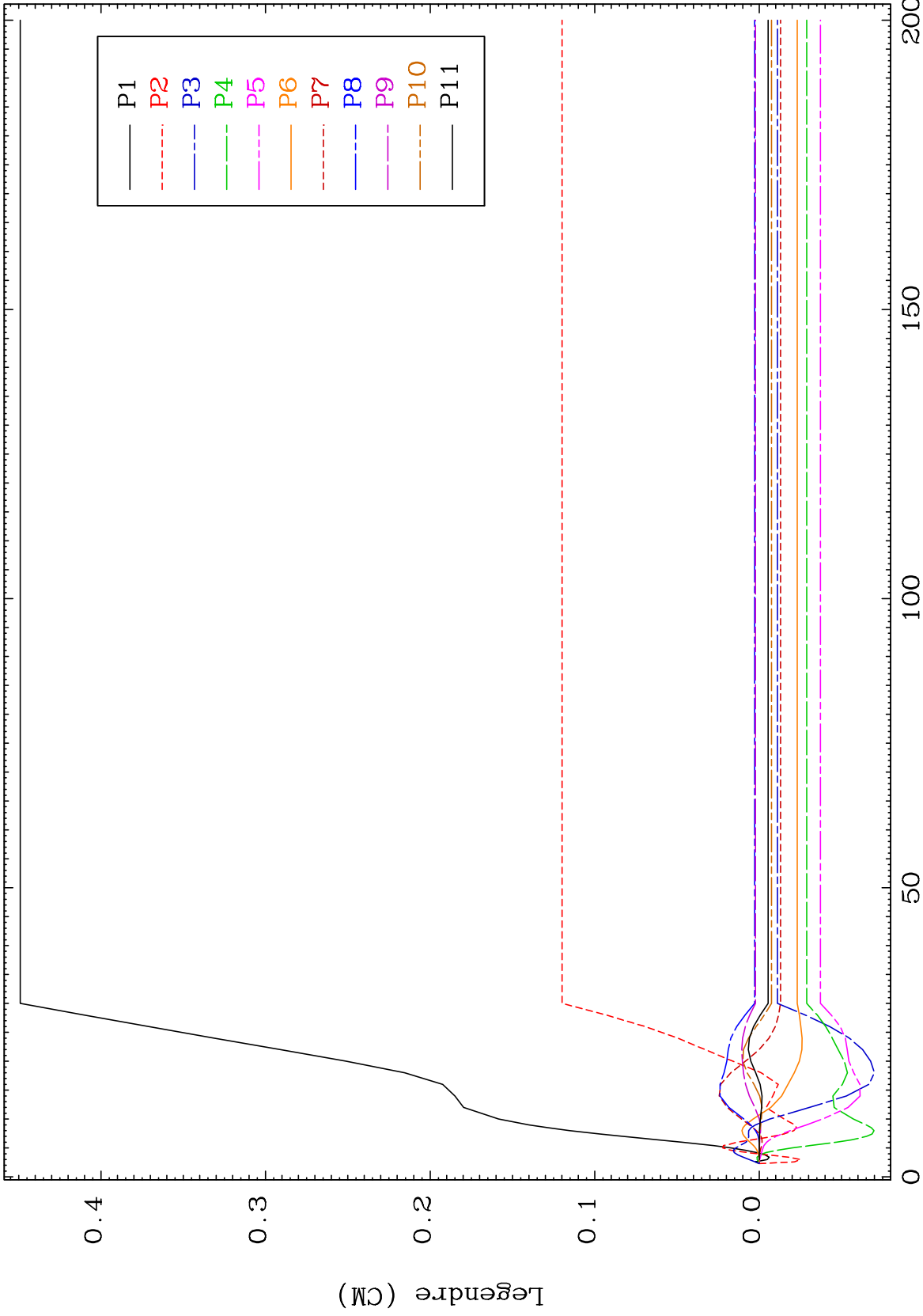
Incident Energy (MeV)

92

MAT 3119

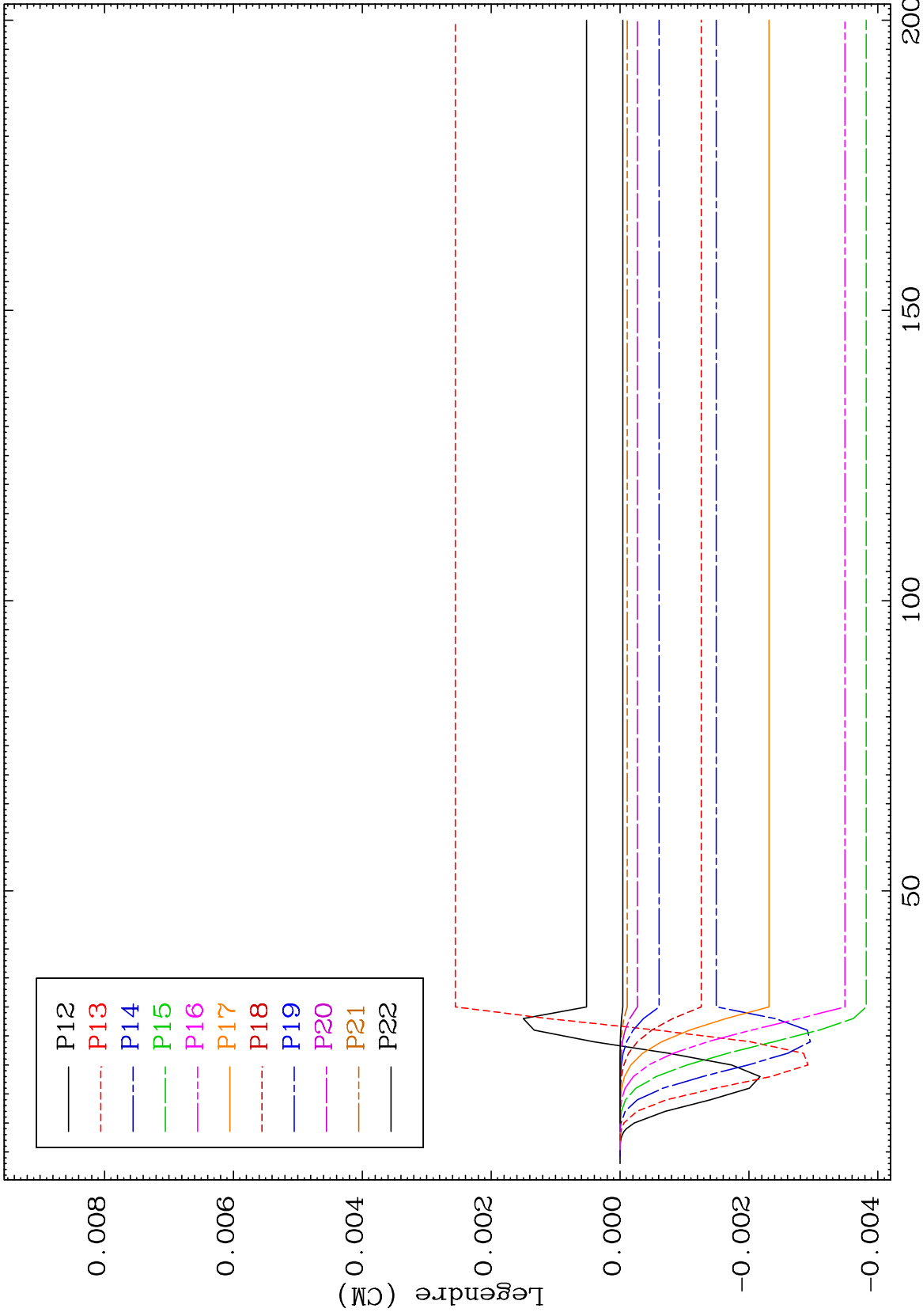
MT= 76 (n,n') Level
Legendre Coefficients

31-Ga-67



93

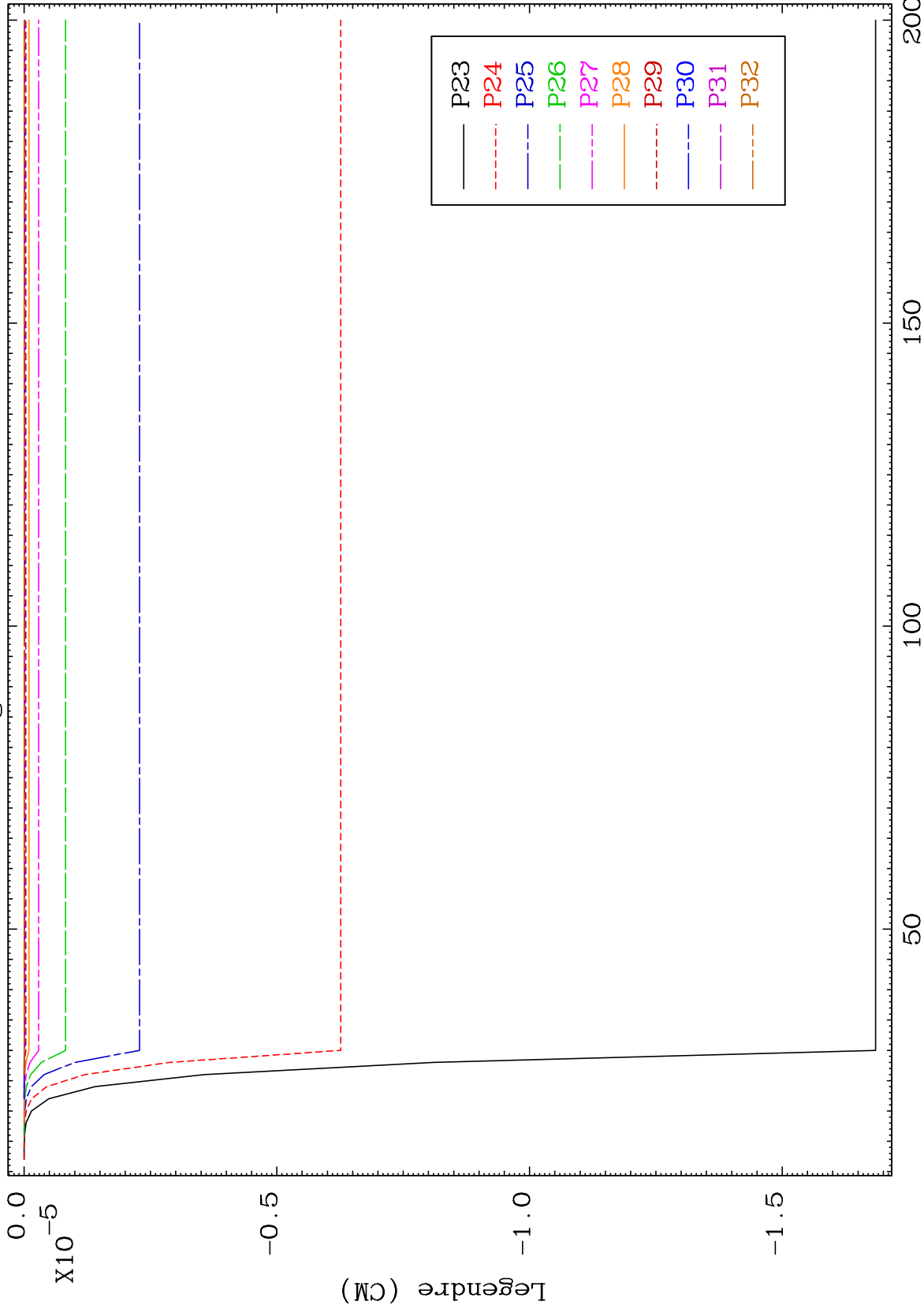
31-Ga-67



MAT 3119

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

31-Ga-67



31-Ga-67

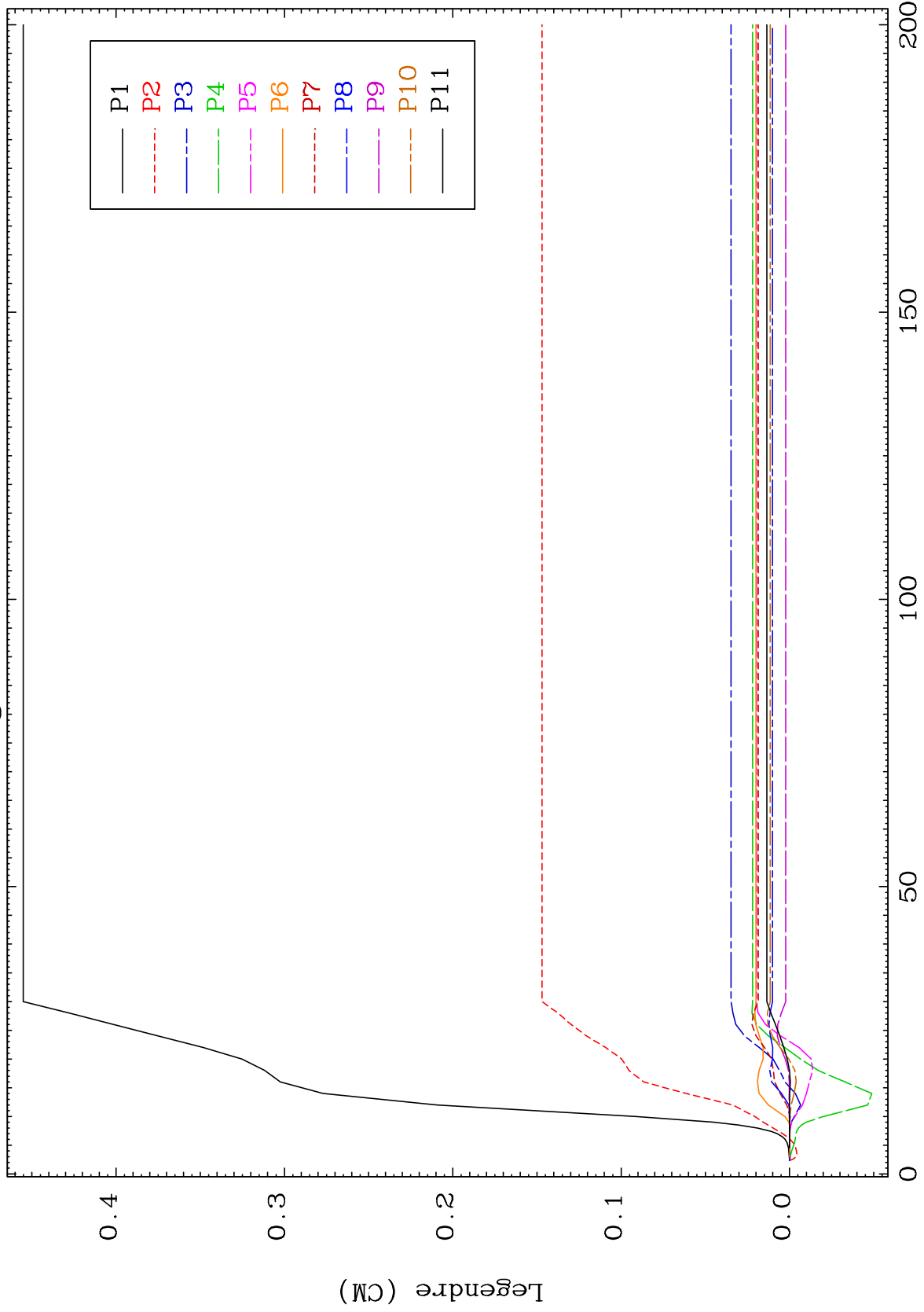
Incident Energy (MeV)

95

MAT 3119

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

31-Ga-67



96

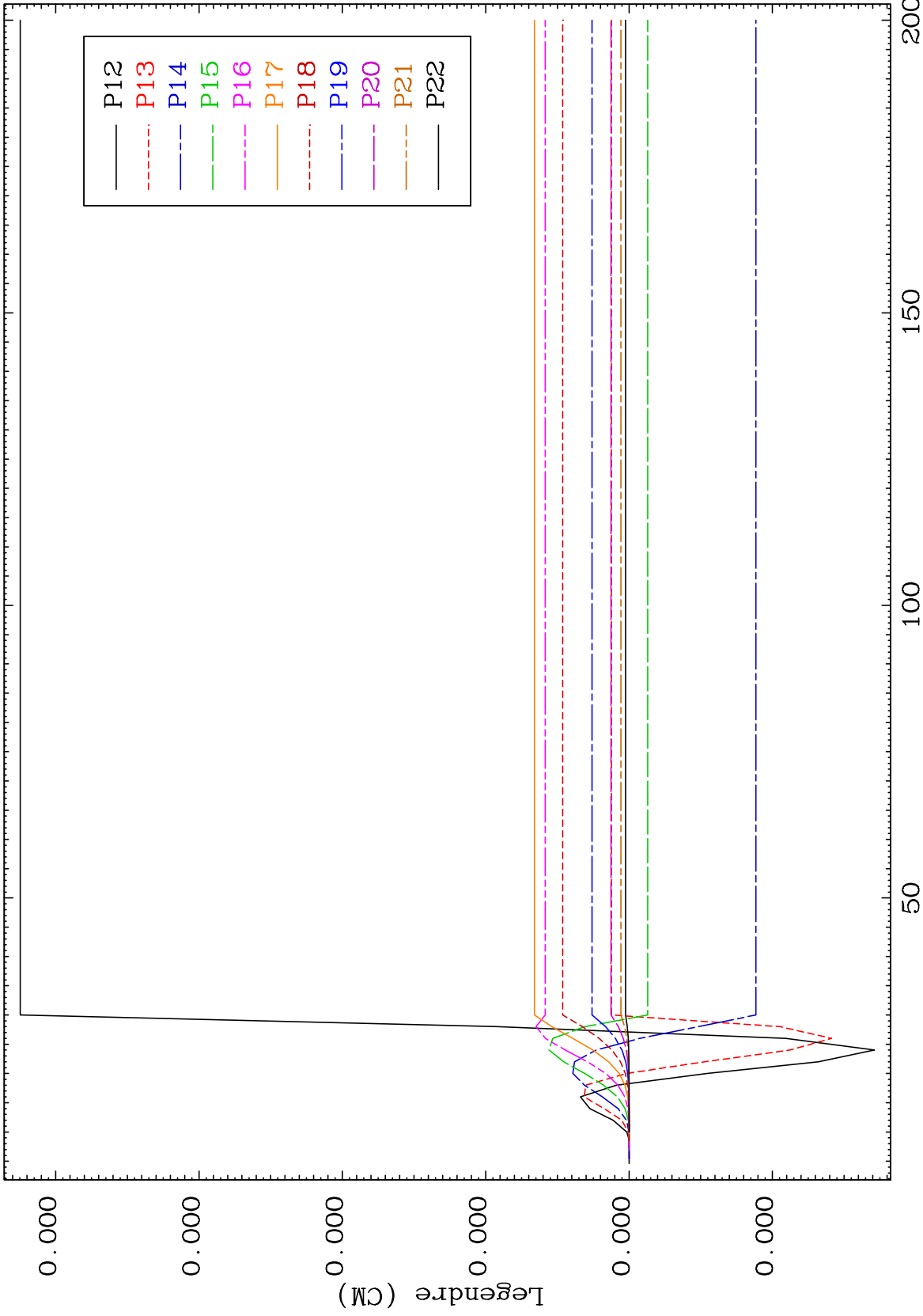
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



97

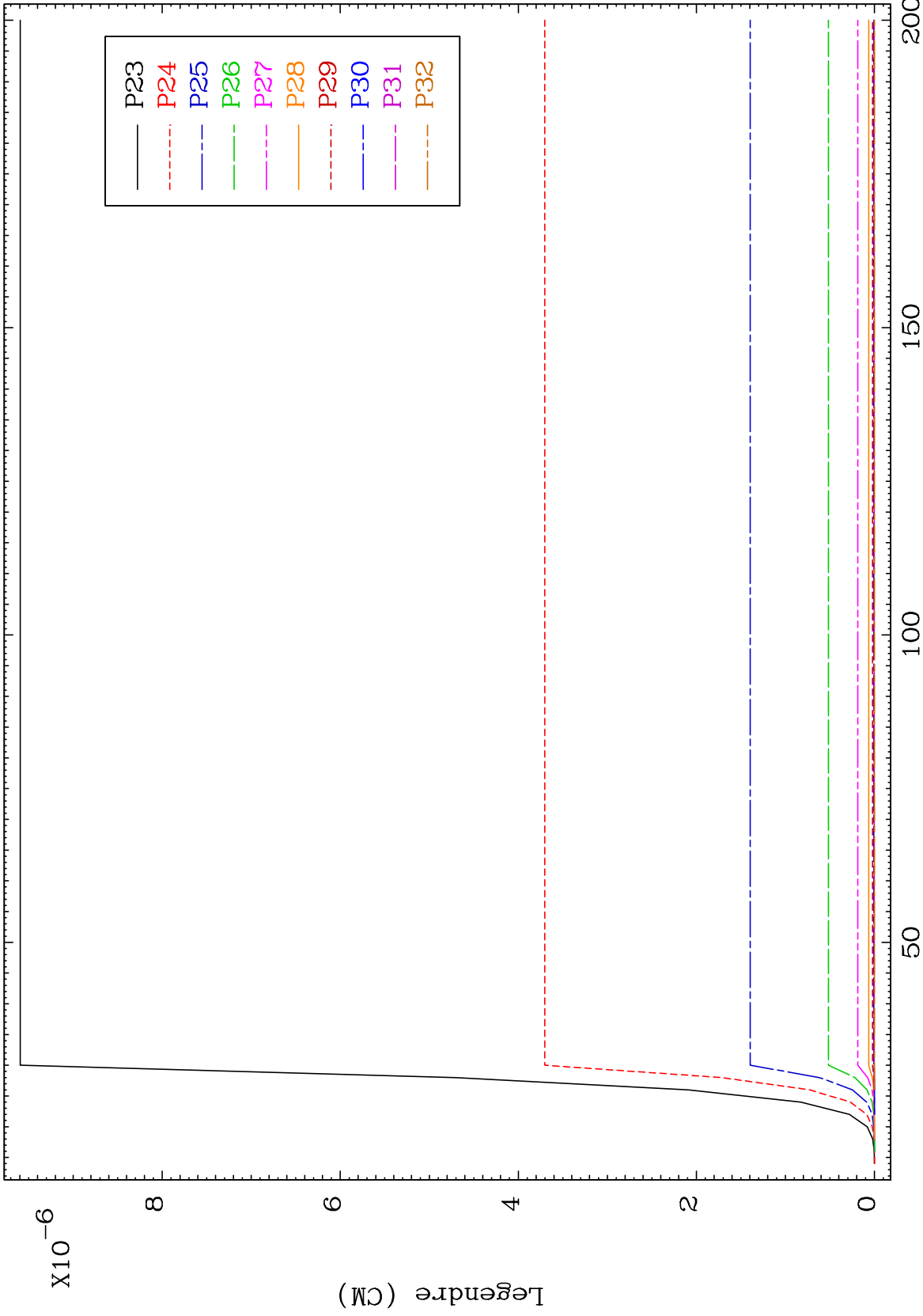
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



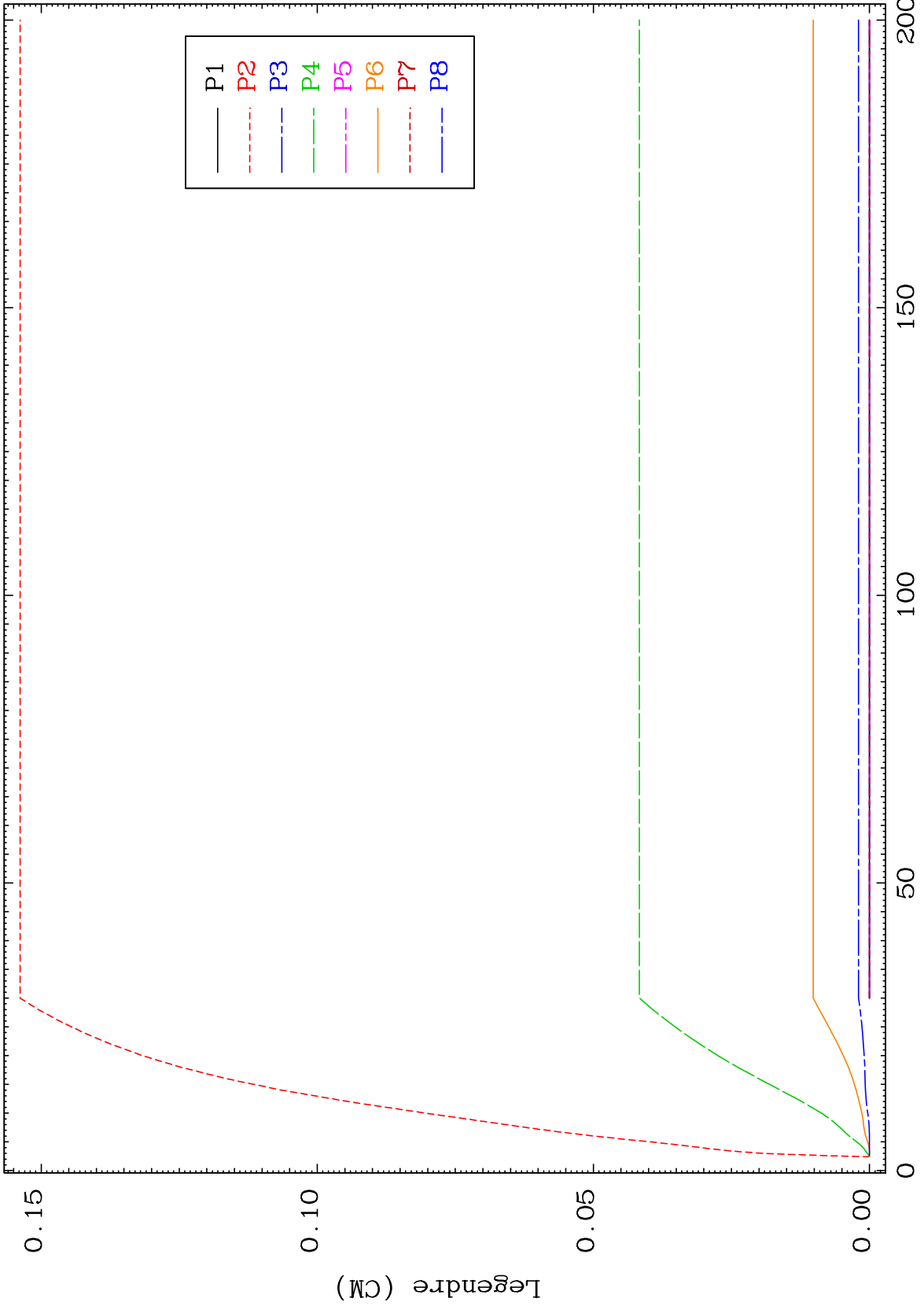
98

31-Ga-67

MAT 3119

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

31-Ga-67



99

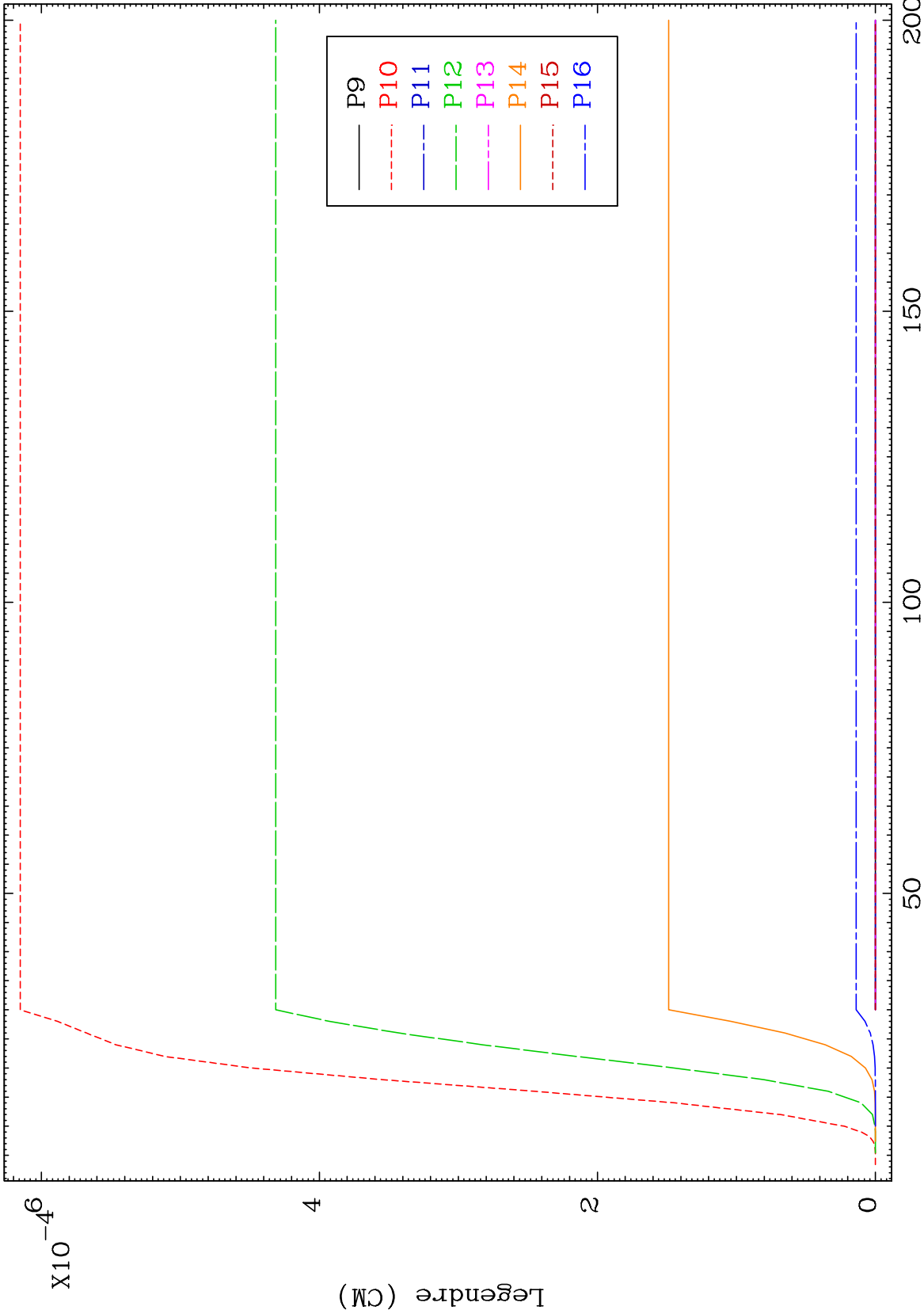
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



100

50

100

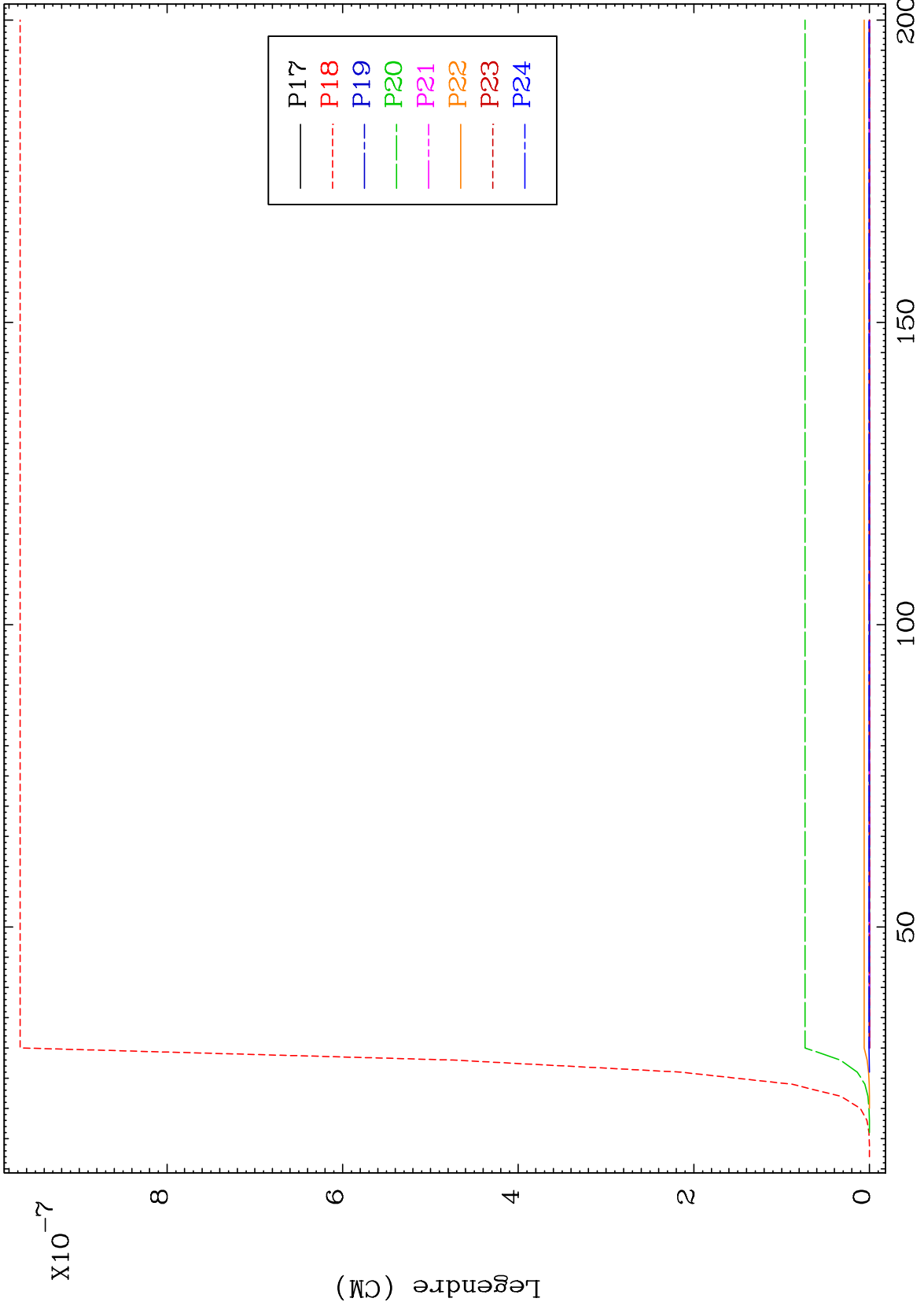
150

200

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 78 (n,n') Level Legendre Coefficients 31-Ga-67

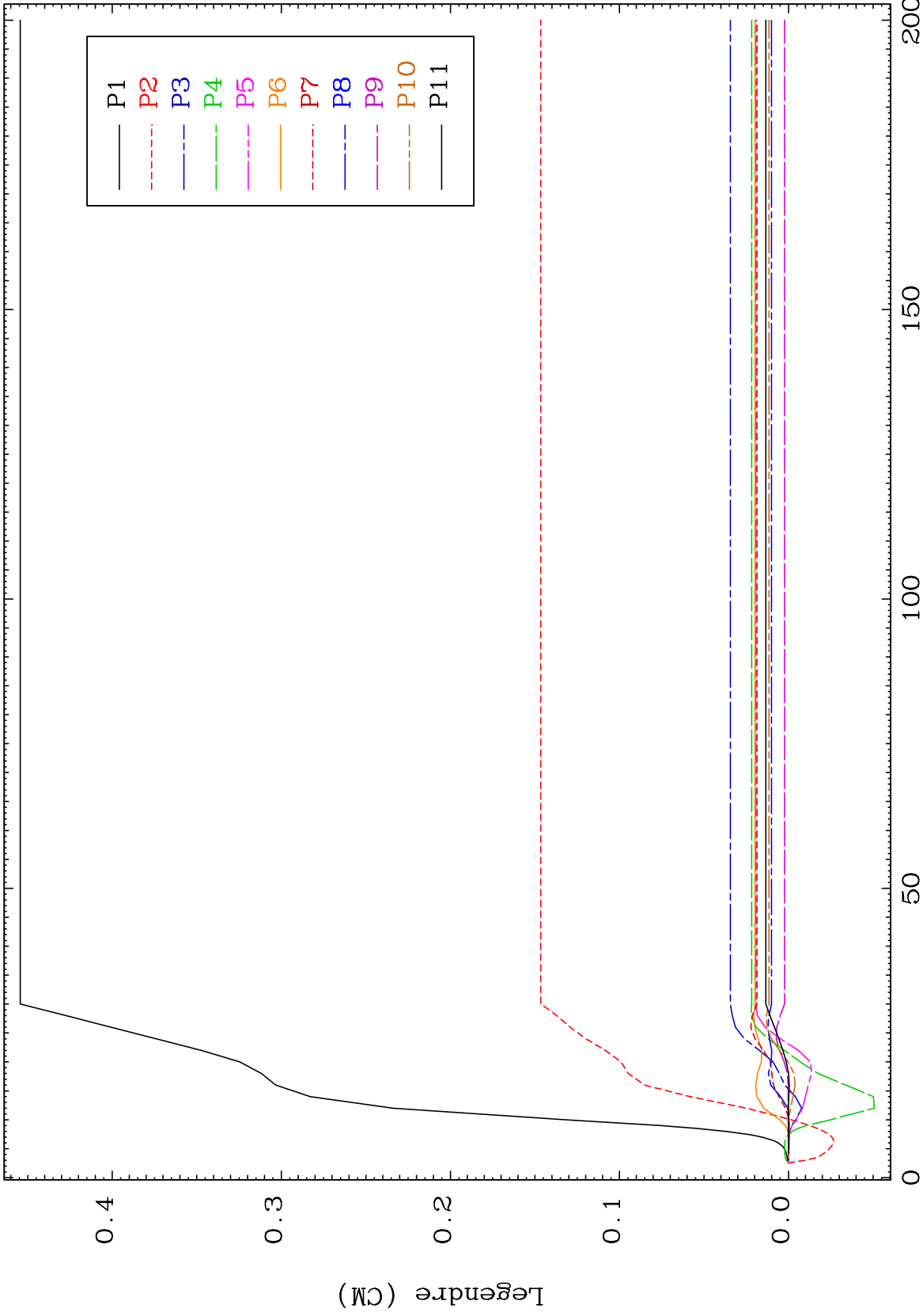


31-Ga-67

MAT 3119

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

31-Ga-67



102

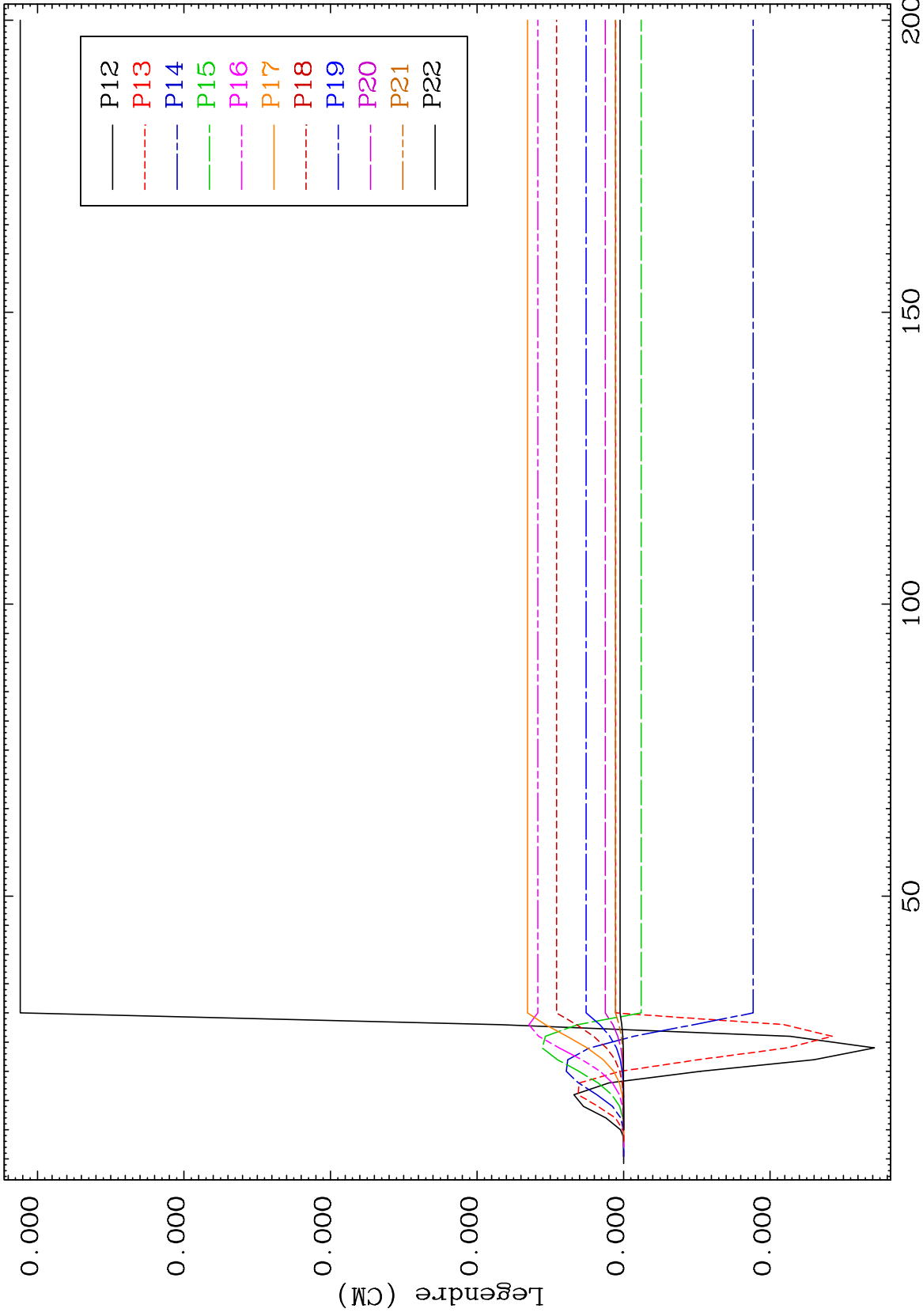
Incident Energy (MeV)

31-Ga-67

MAT 3119

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

31-Ga-67



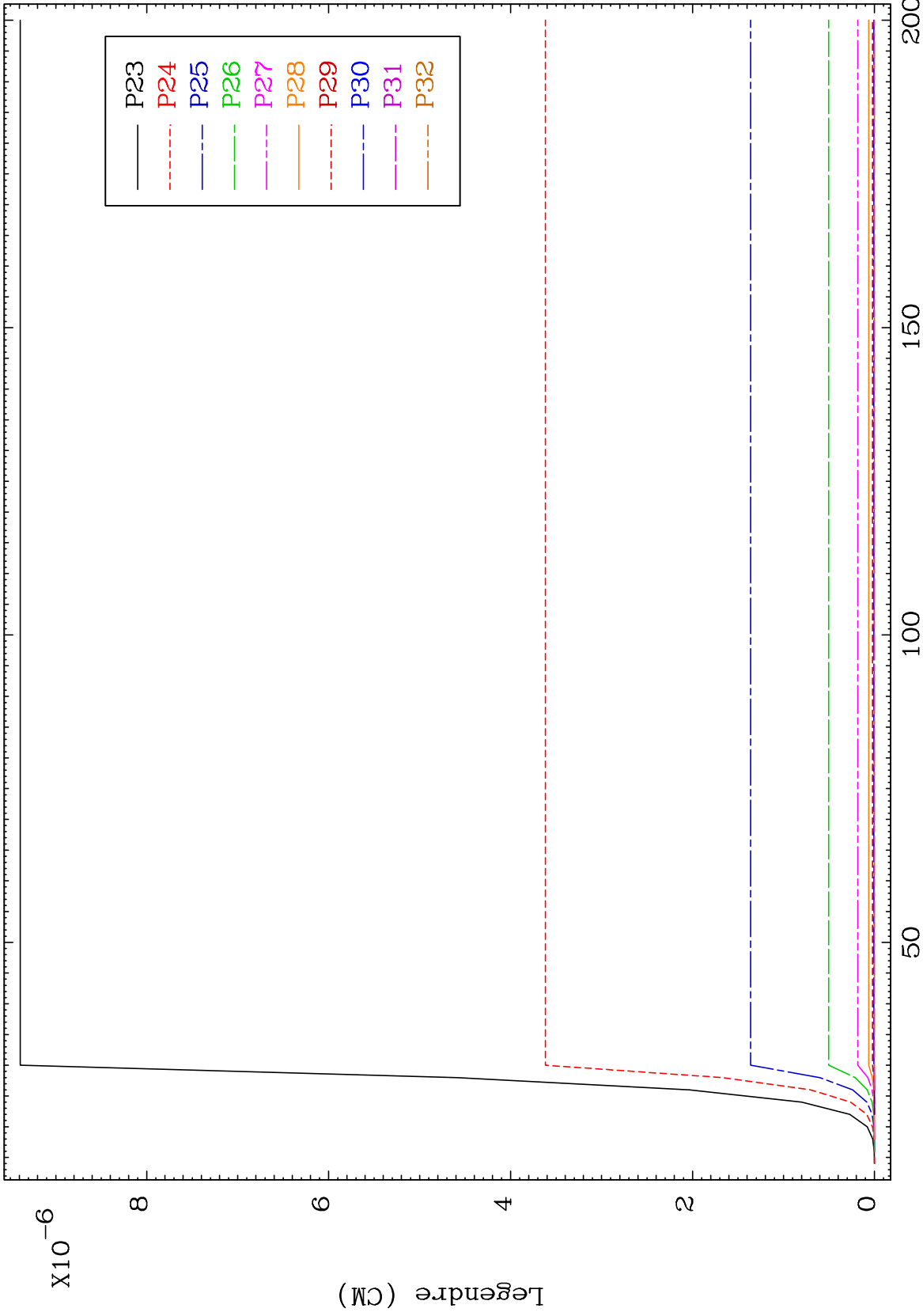
103

31-Ga-67

MAT 3119

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

31-Ga-67

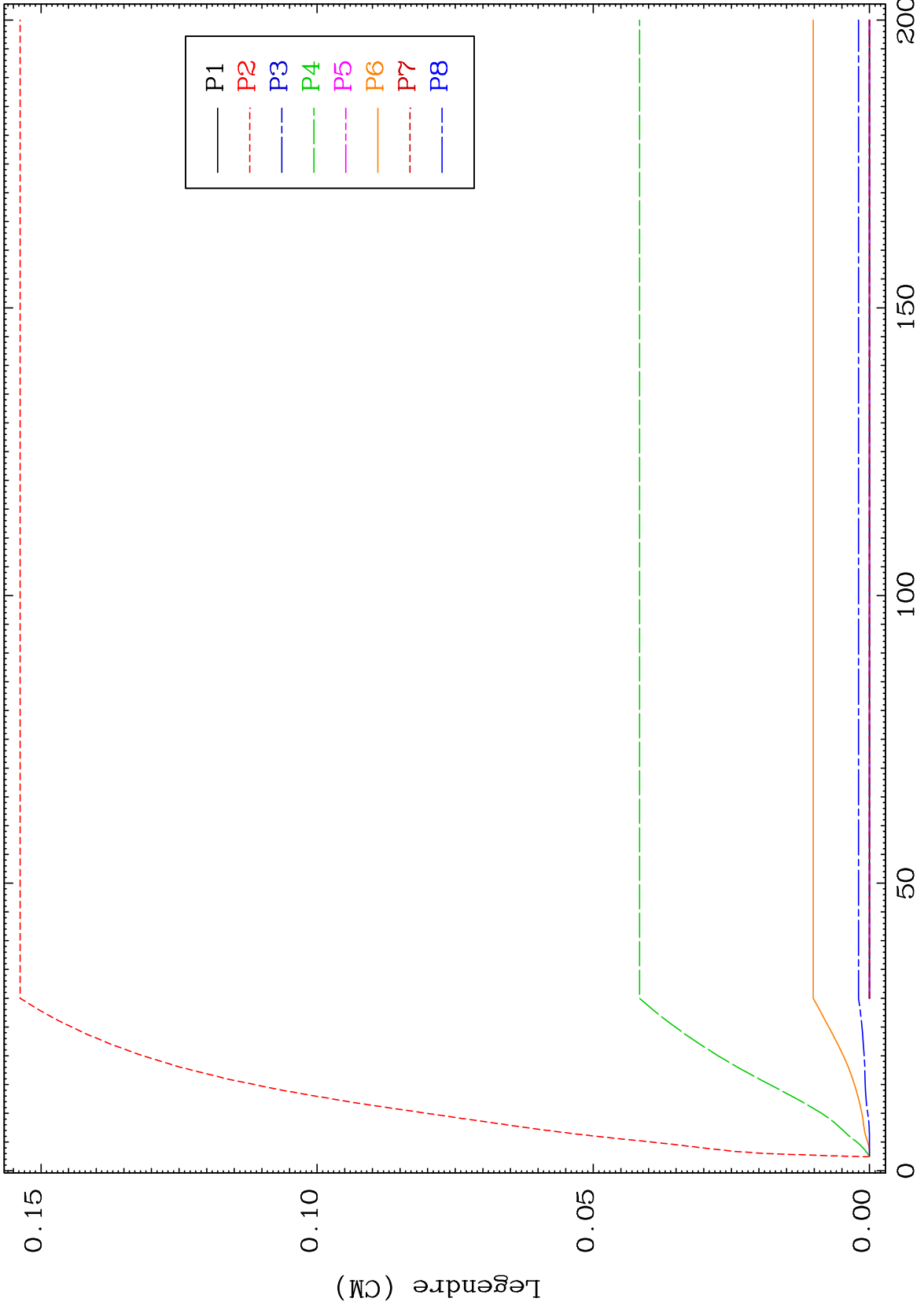


104

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 80 (n,n') Level Legendre Coefficients 31-Ga-67

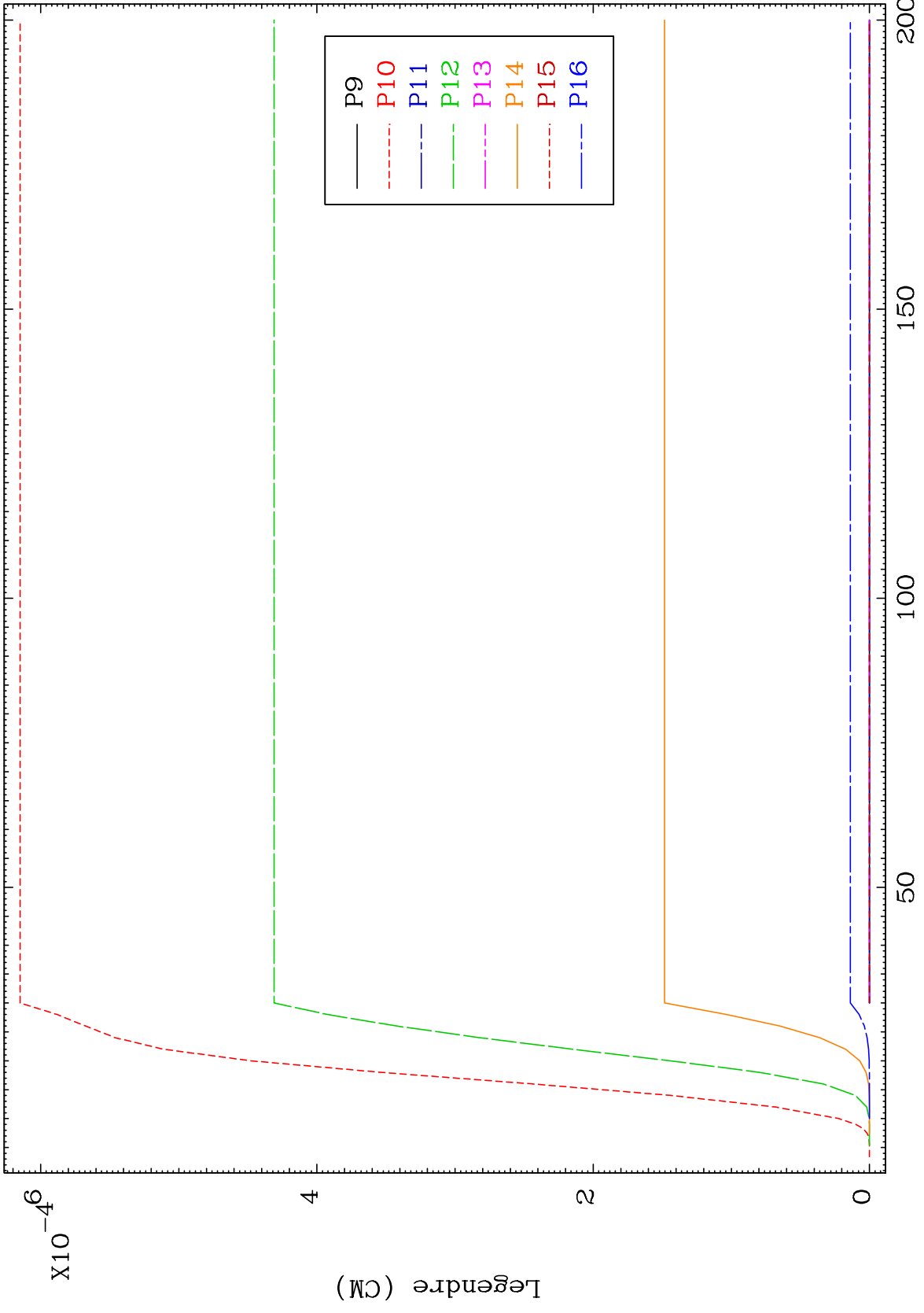


Legendre (CM) Incident Energy (MeV) 31-Ga-67

MAT 3119

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

31-Ga-67

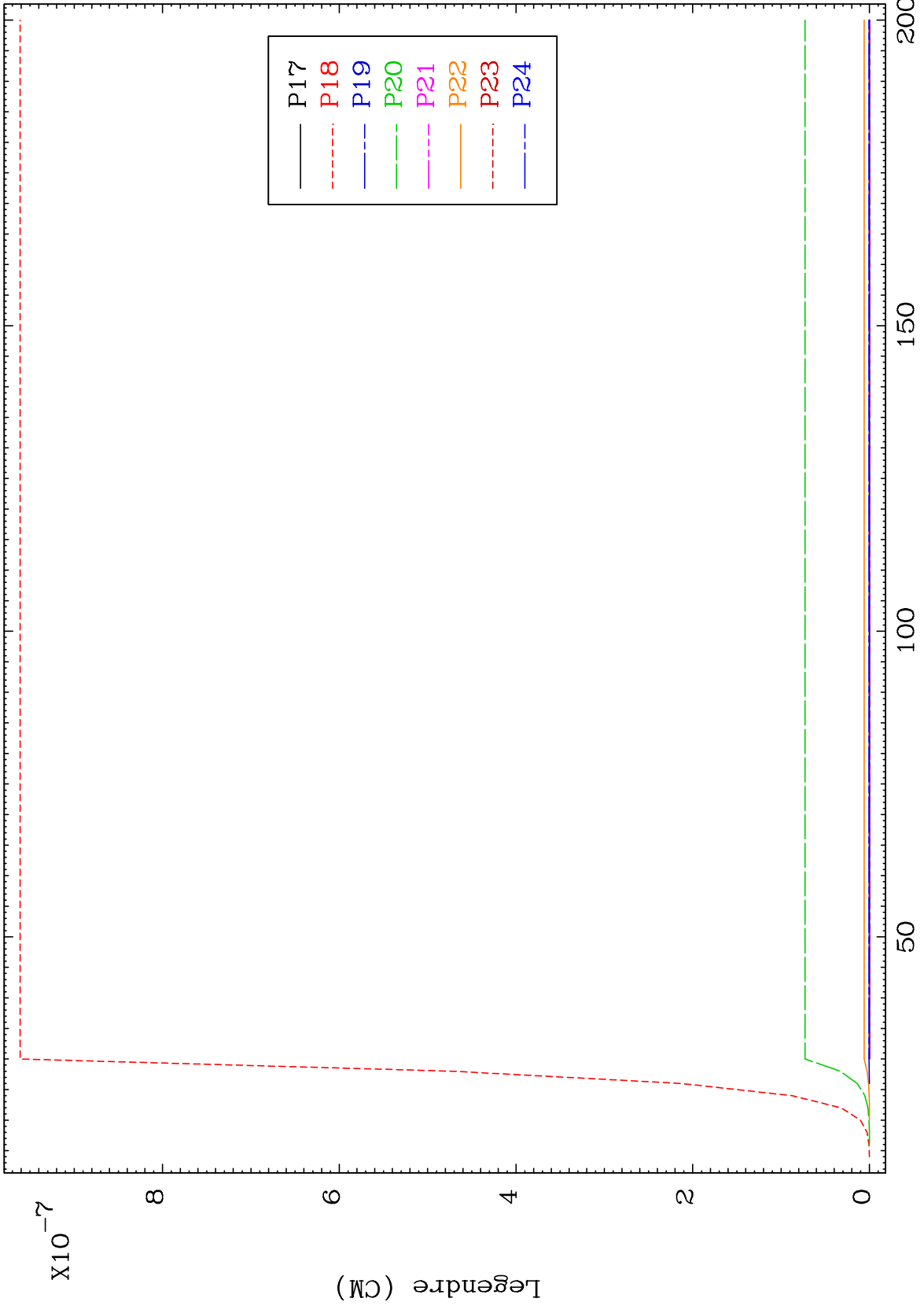


106

Incident Energy (MeV)

31-Ga-67

MAT 3119 MT= 80 (n,n') Level Legendre Coefficients 31-Ga-67

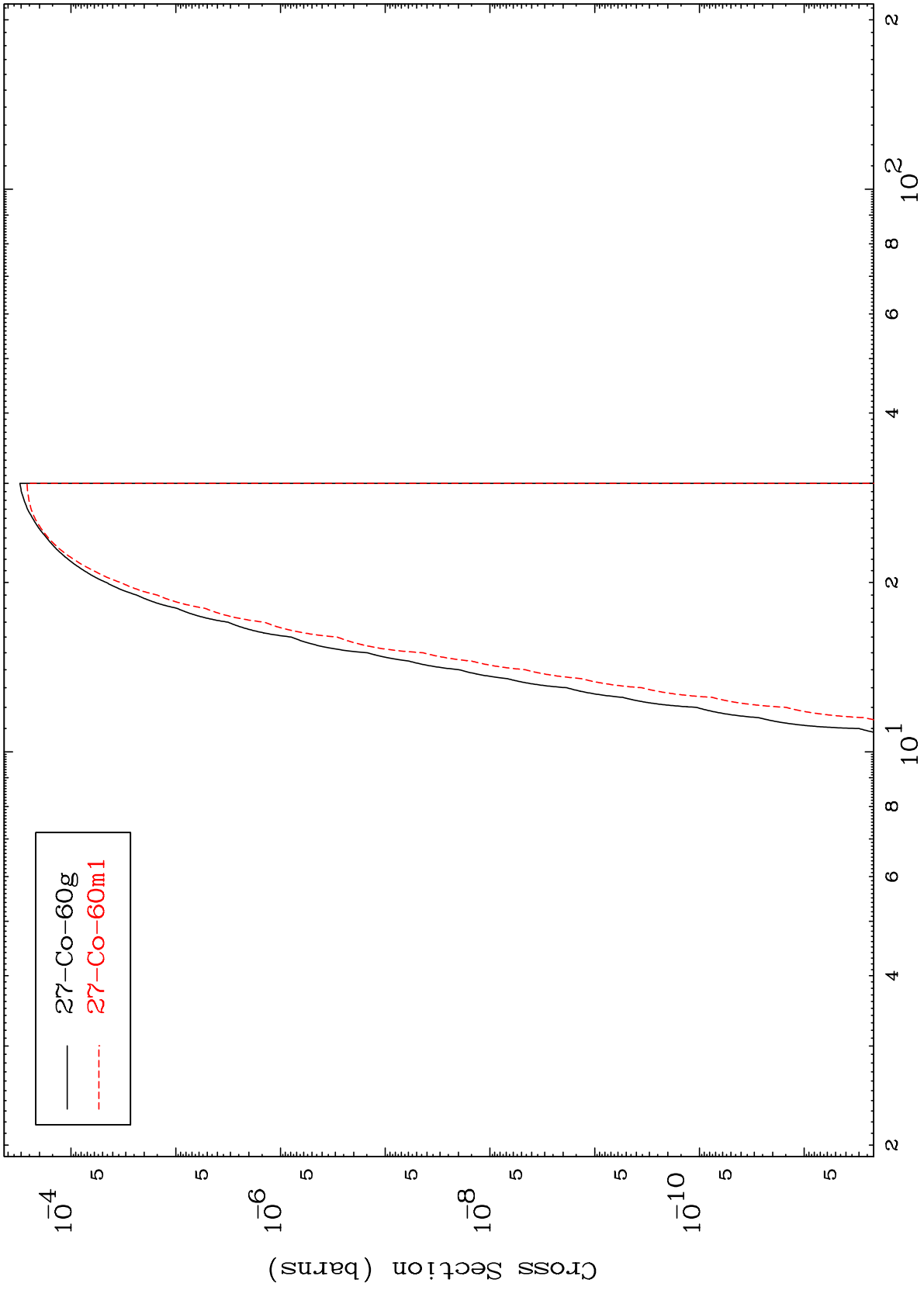


107 50 100 150 200 Incident Energy (MeV) 31-Ga-67

MAT 3119

31-Ga-67

Radionuclide Production Cross Section
(n, 2α)



108

31-Ga-67