

Program EVALPLOT
(Version 2018-1)

by

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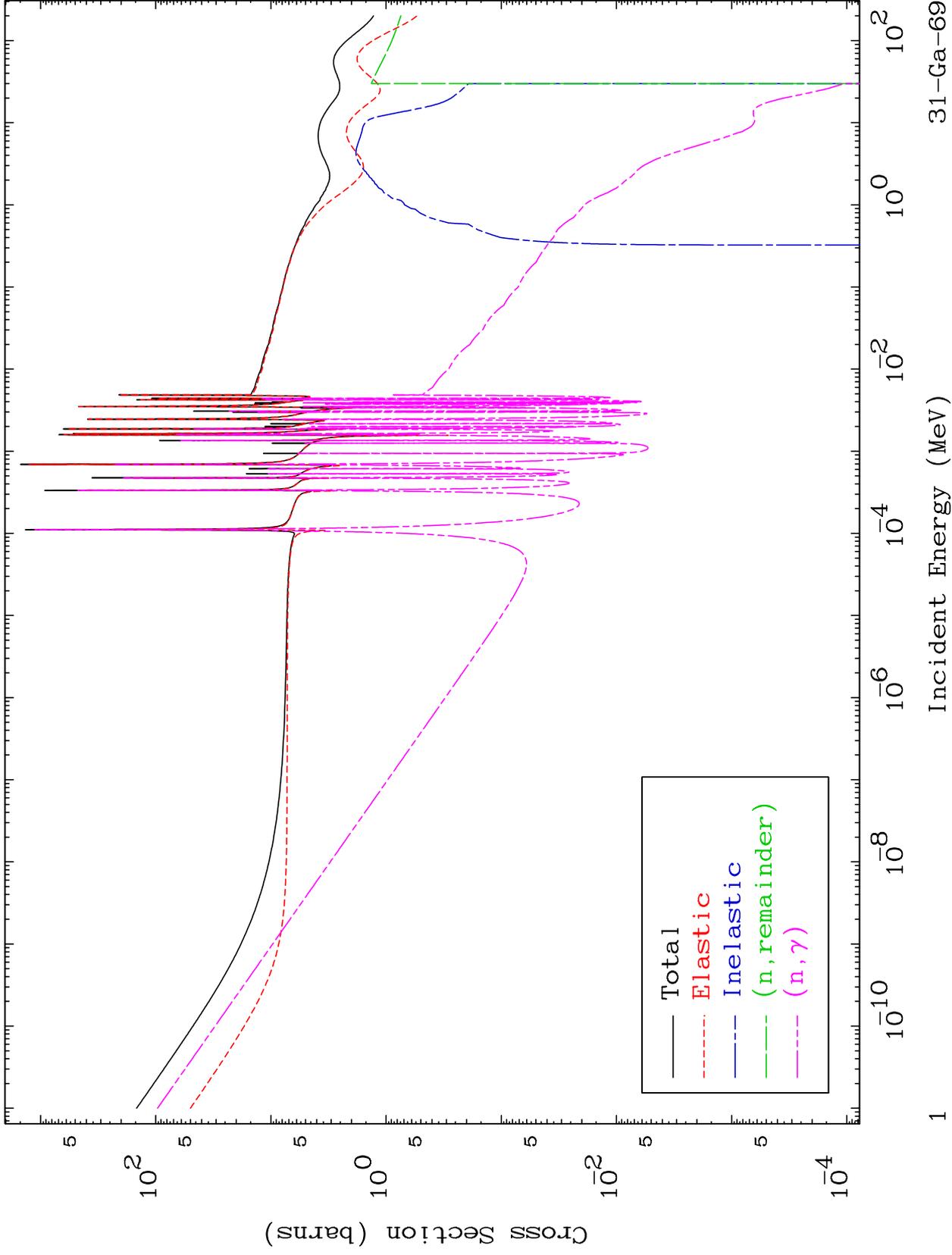
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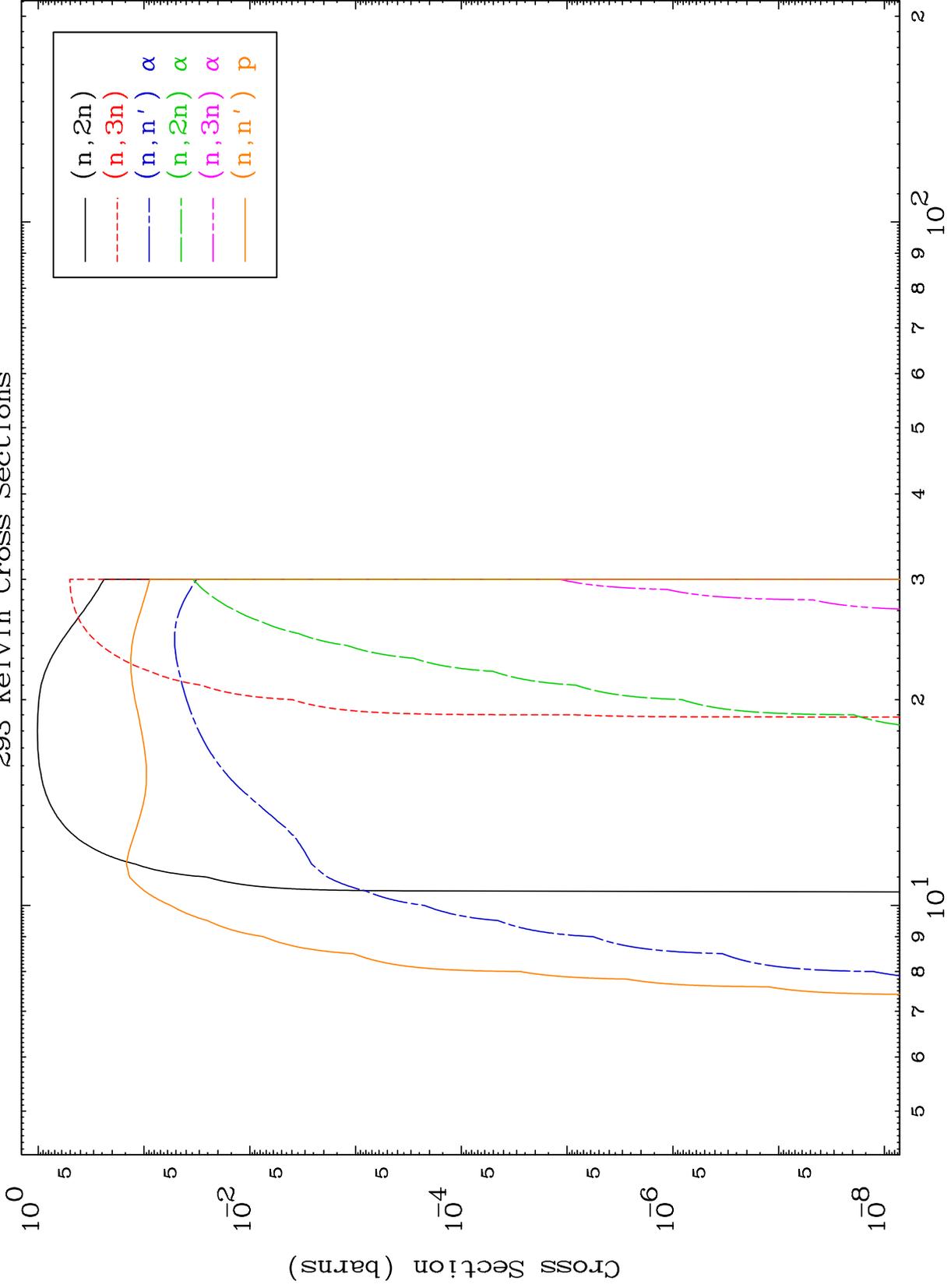
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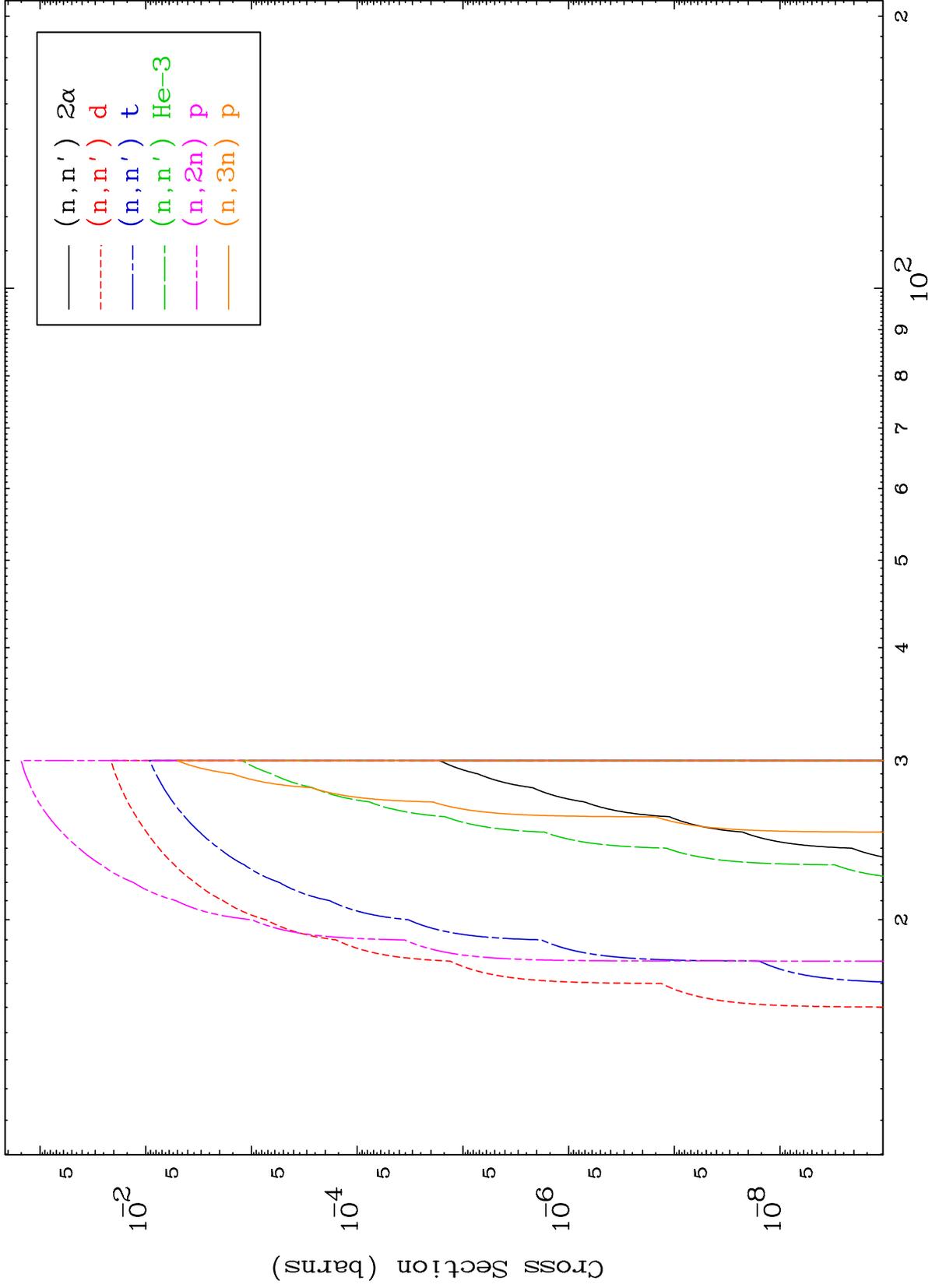
MAT 3125

Major
293 Kelvin Cross Sections

31-Ga-69



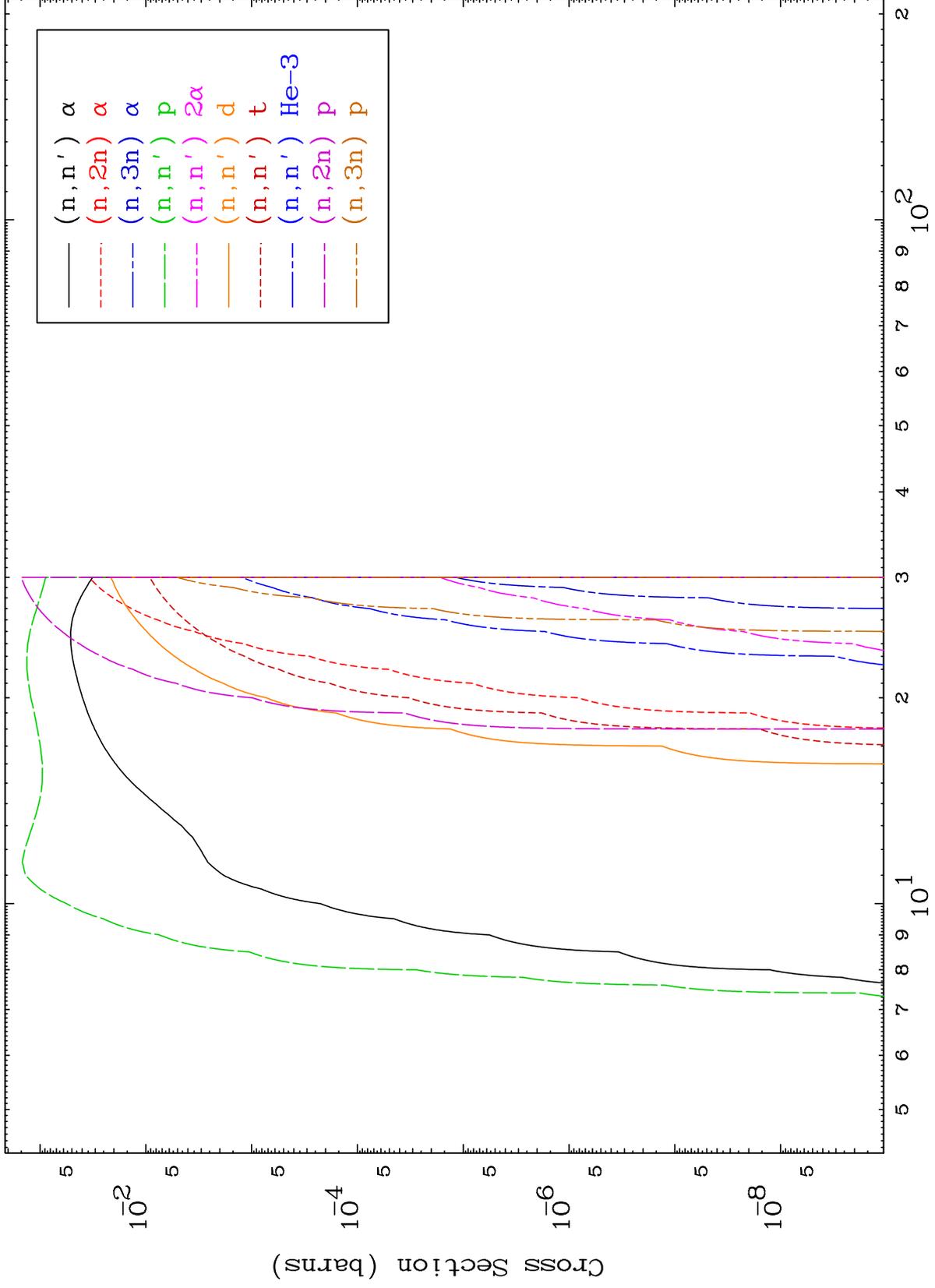




MAT 3125

Charged Particle
293 Kelvin Cross Sections

31-Ga-69



4

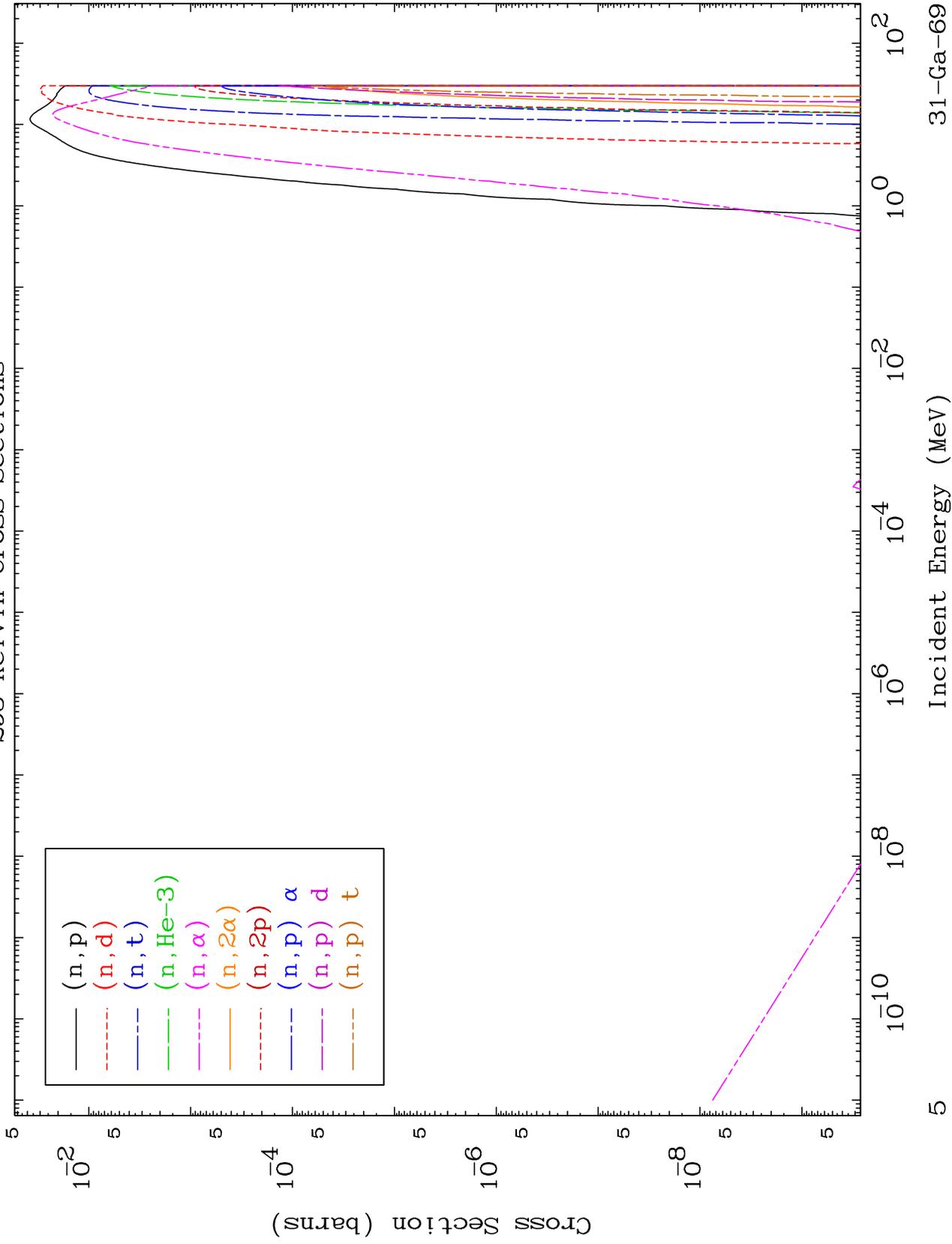
Incident Energy (MeV)

31-Ga-69

MAT 3125

Charged Particle
293 Kelvin Cross Sections

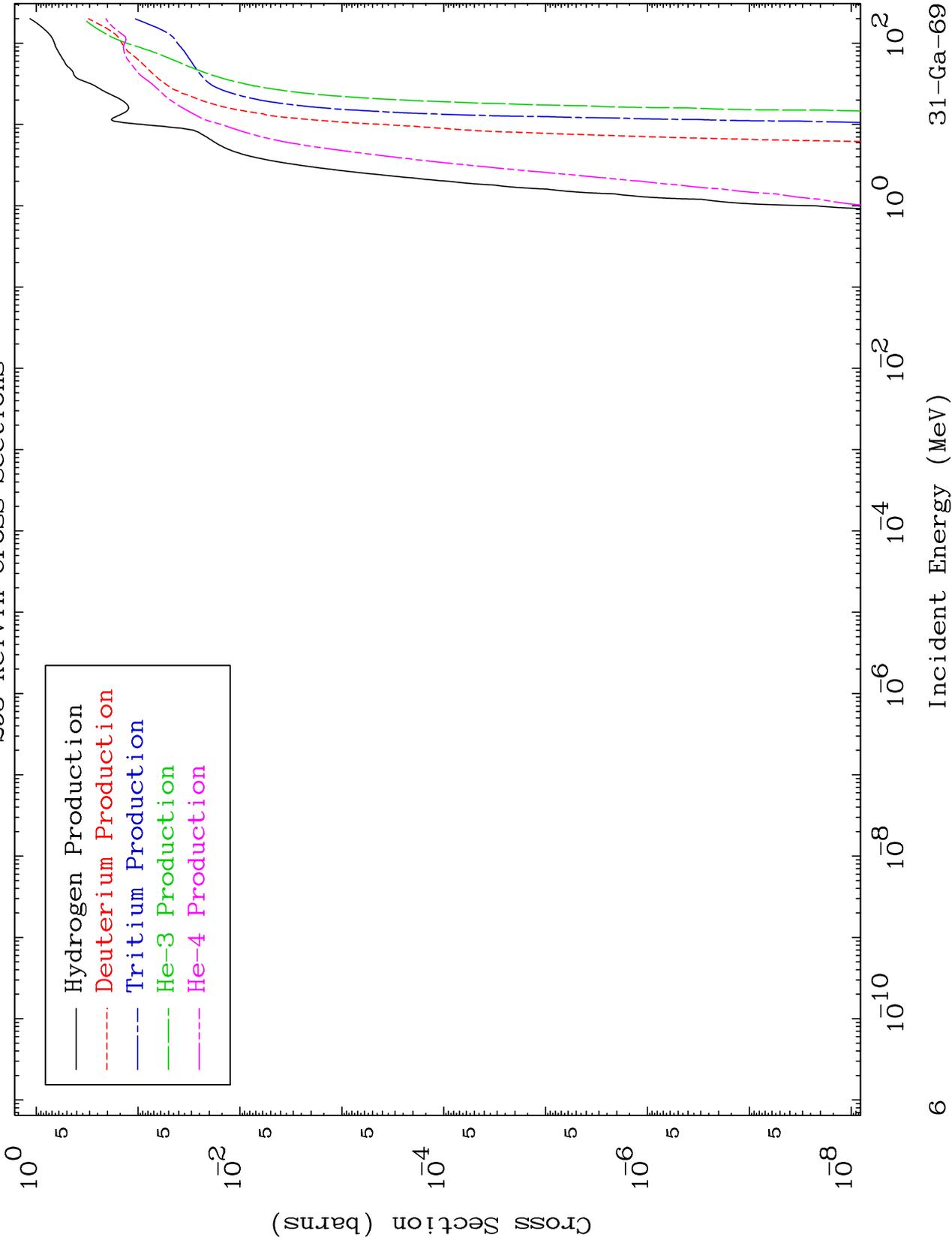
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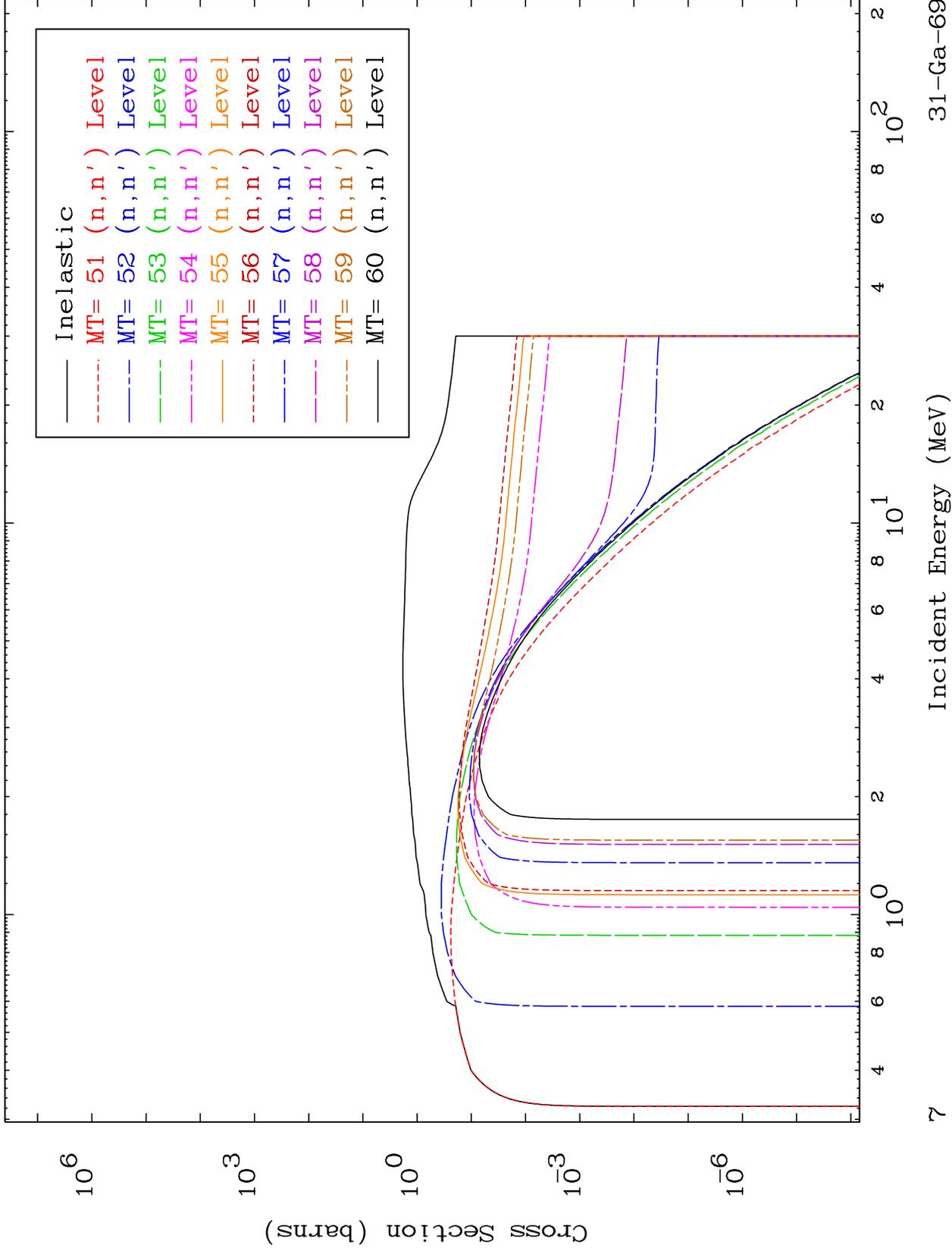
MAT 3125

Particle Production
293 Kelvin Cross Sections

31-Ga-69



293 Kelvin Cross Sections

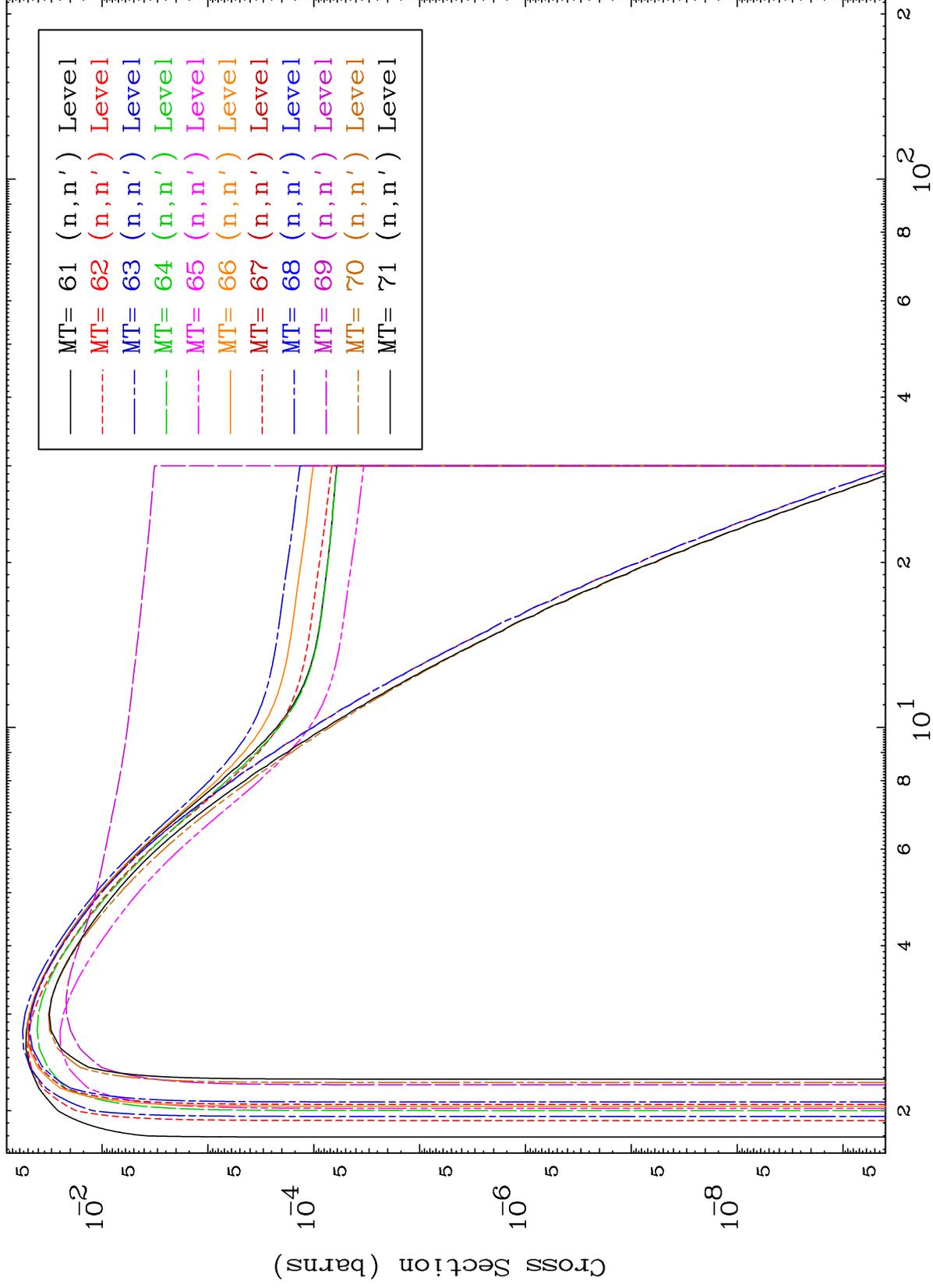


MAT 3125

(n,n') Level

31-Ga-69

293 Kelvin Cross Sections

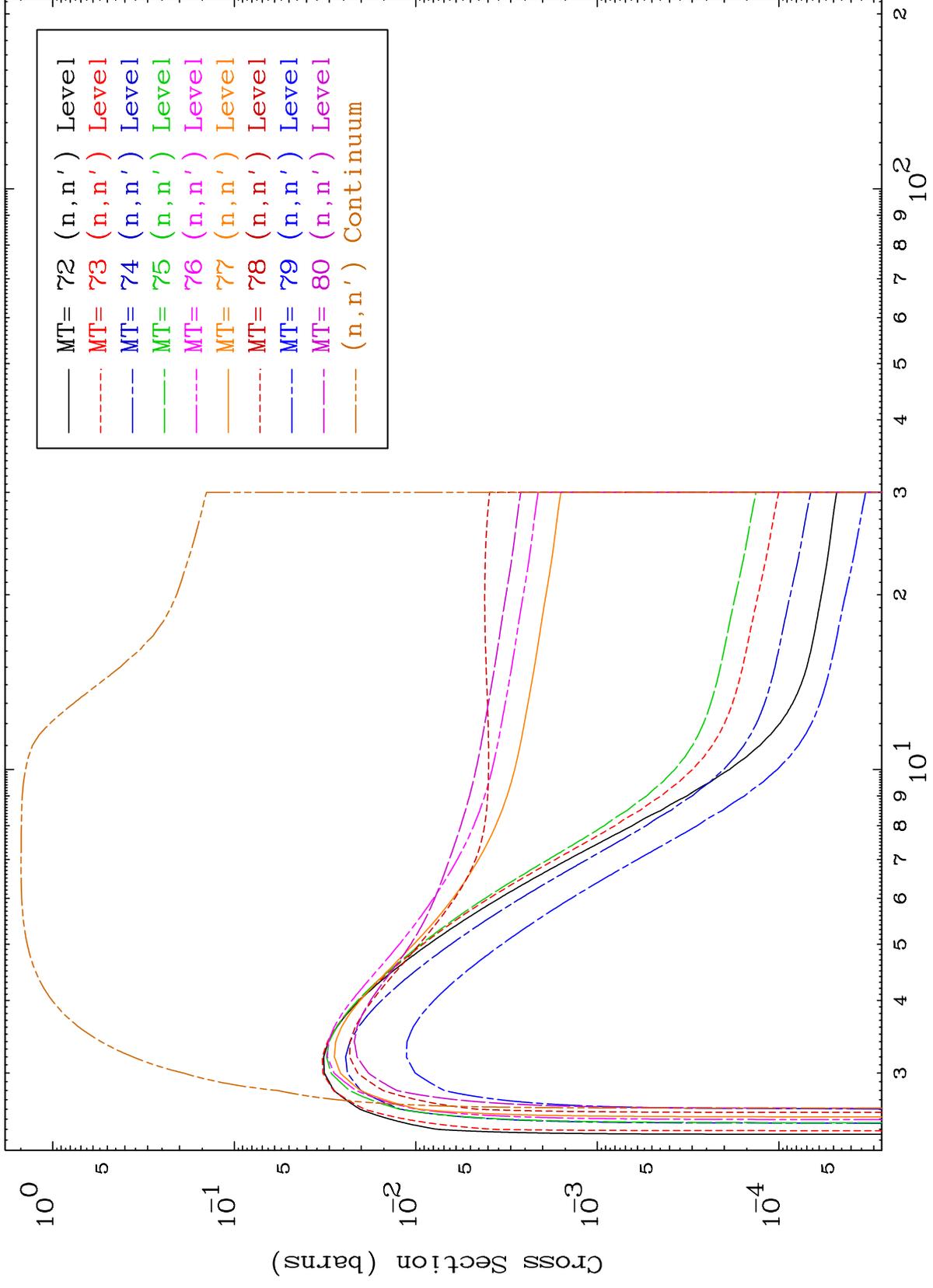


8

Incident Energy (MeV)

31-Ga-69

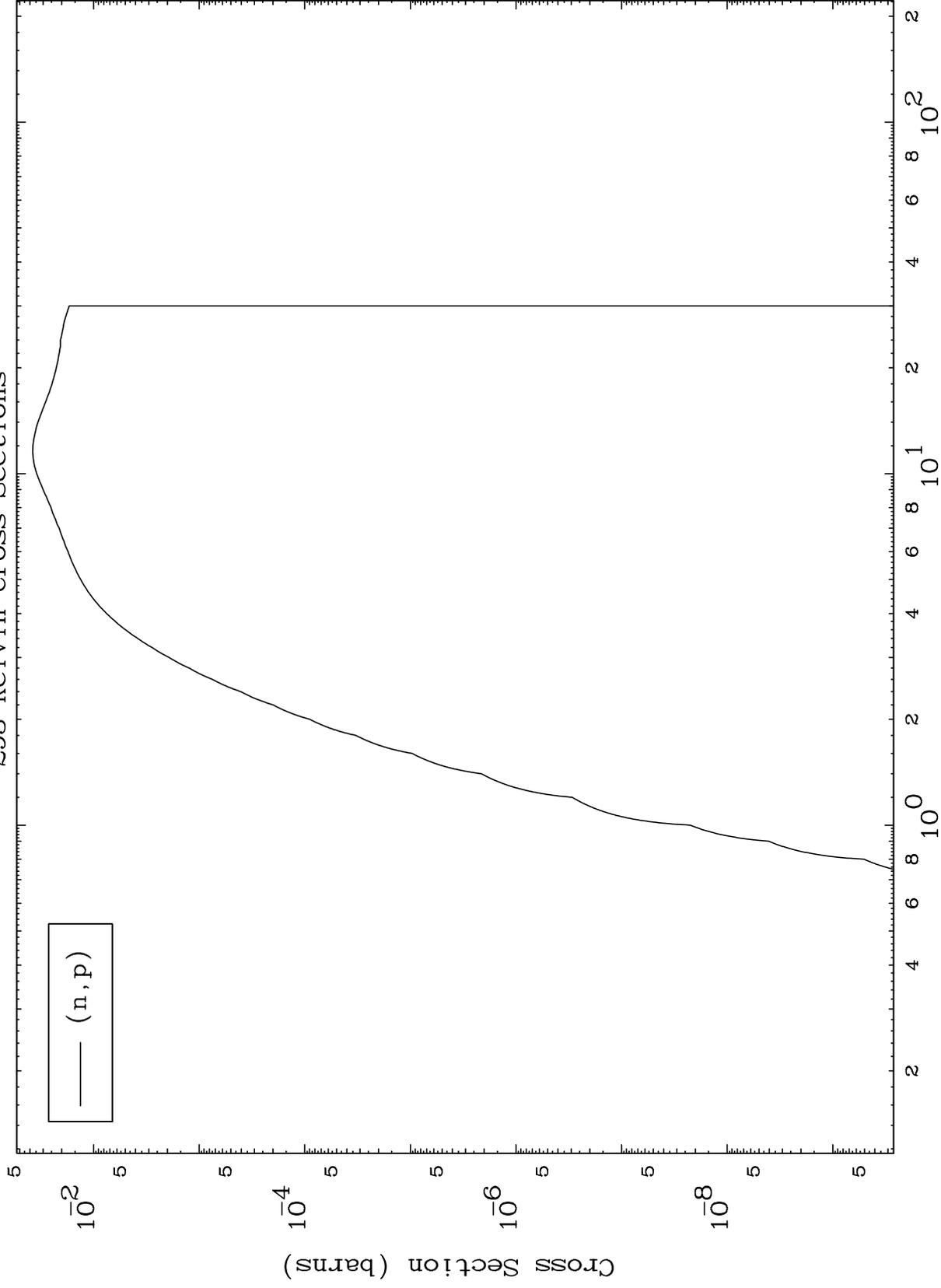
293 Kelvin Cross Sections



MAT 3125

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-69



10

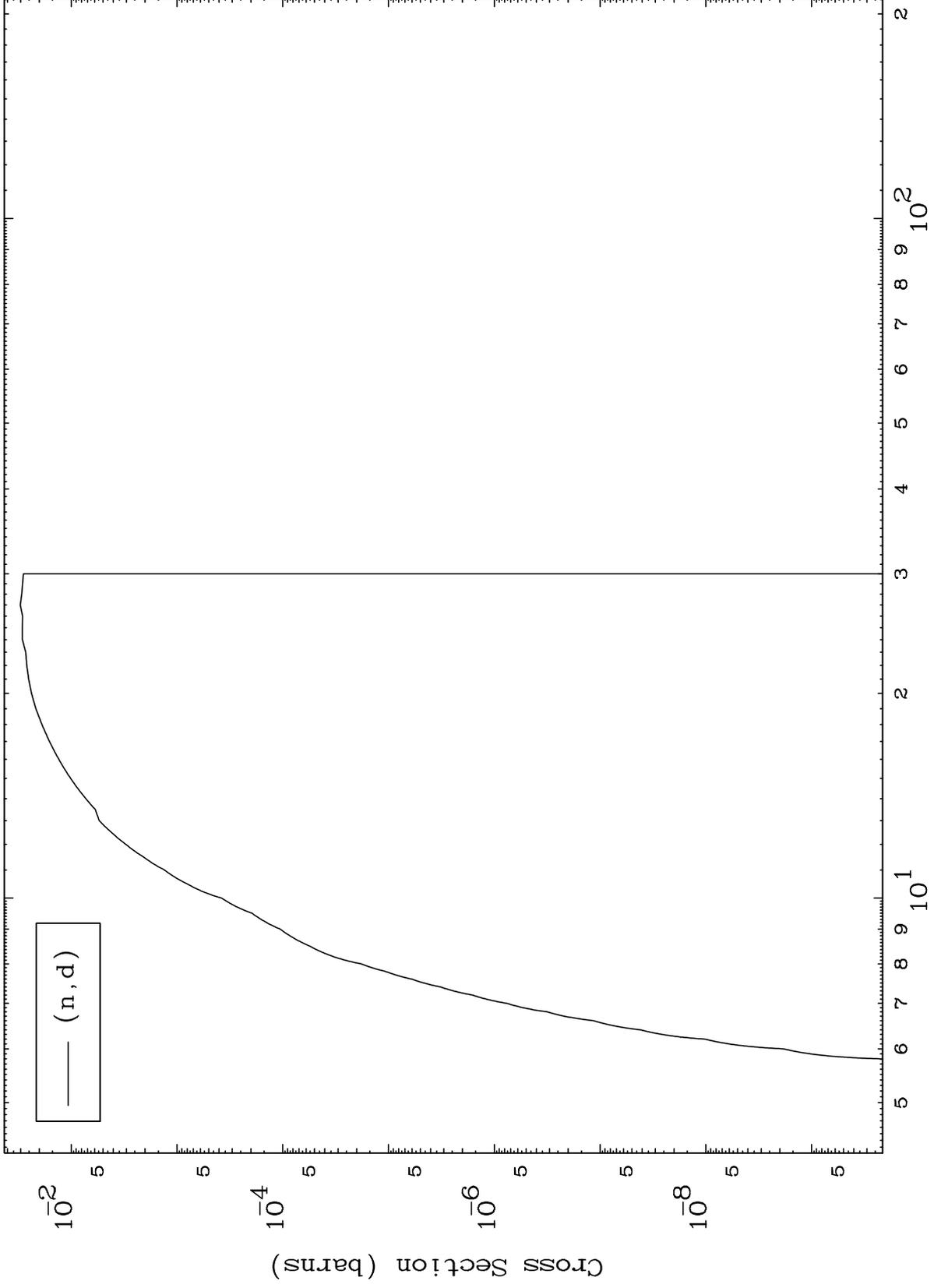
Incident Energy (MeV)

31-Ga-69

MAT 3125

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-69



11

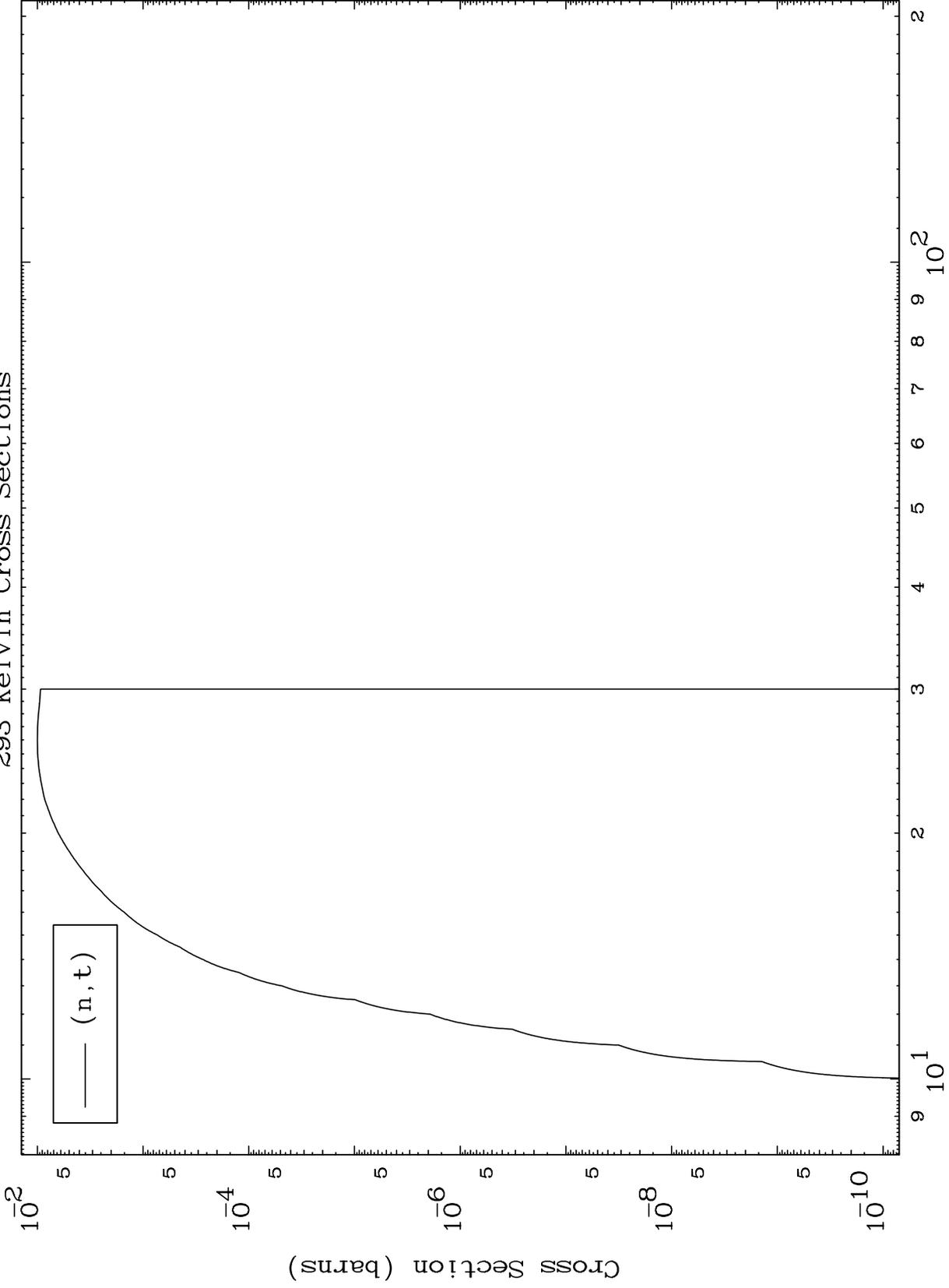
Incident Energy (MeV)

31-Ga-69

MAT 3125

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-69



12

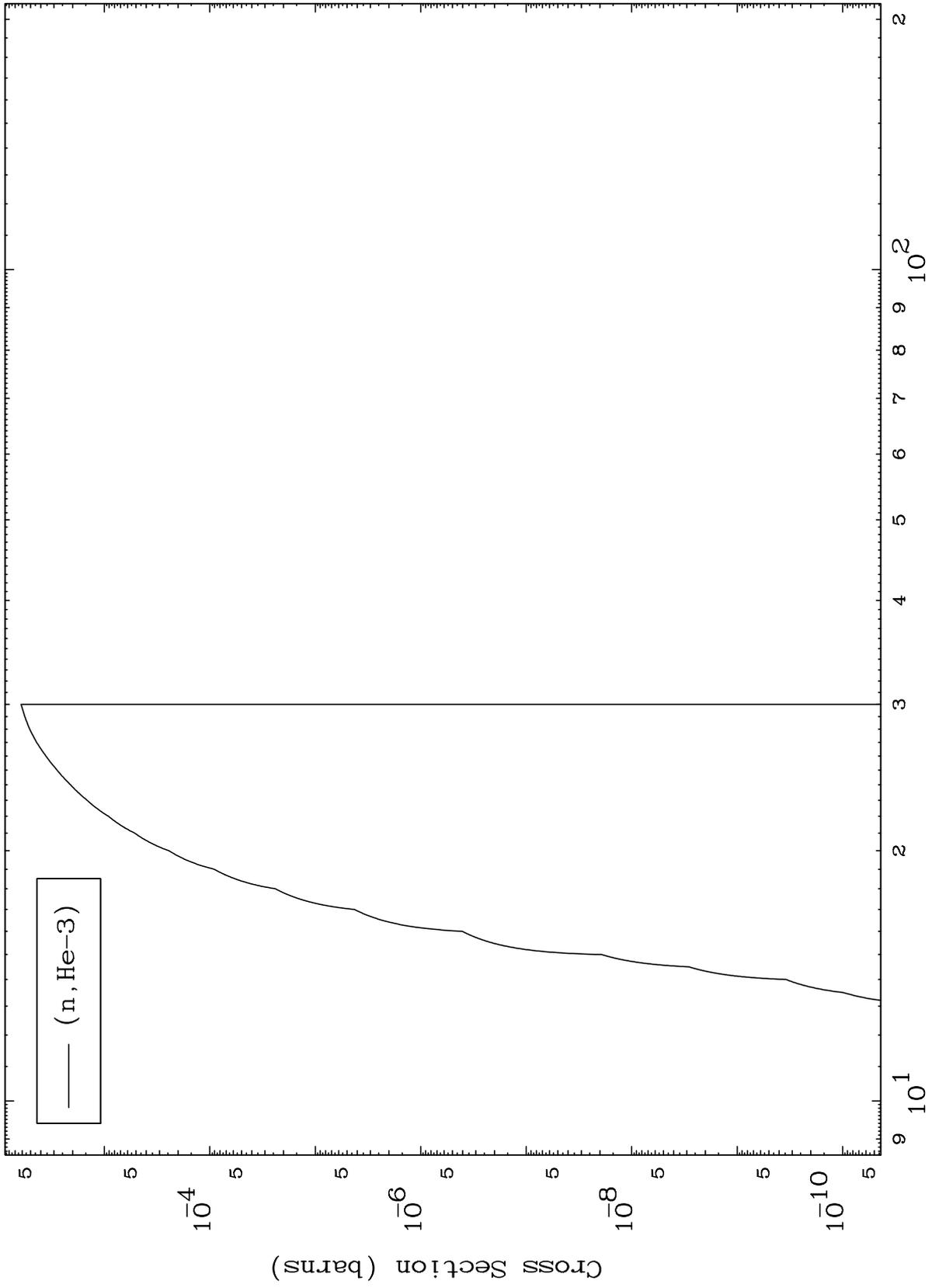
Incident Energy (MeV)

31-Ga-69

MAT 3125

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-69



13

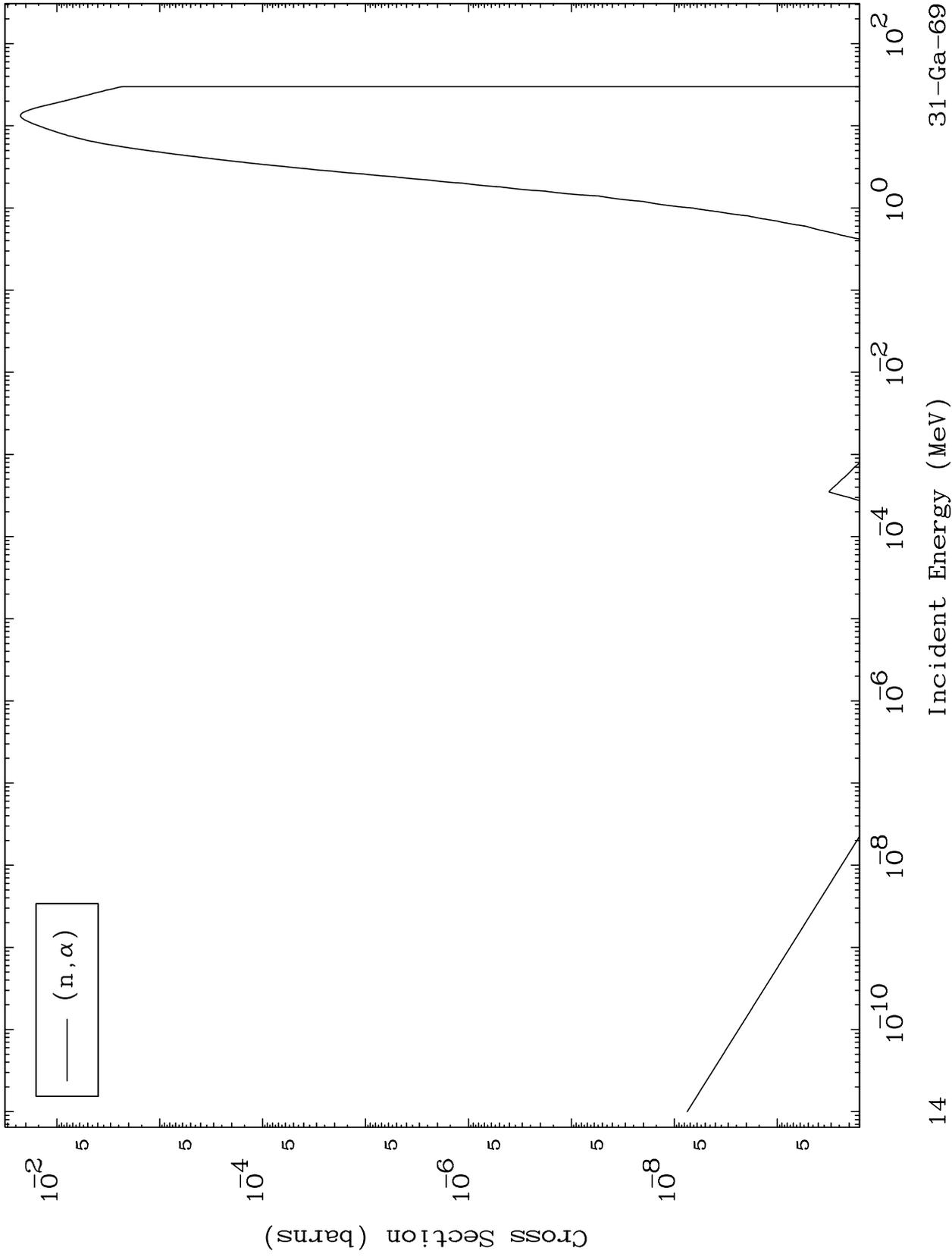
Incident Energy (MeV)

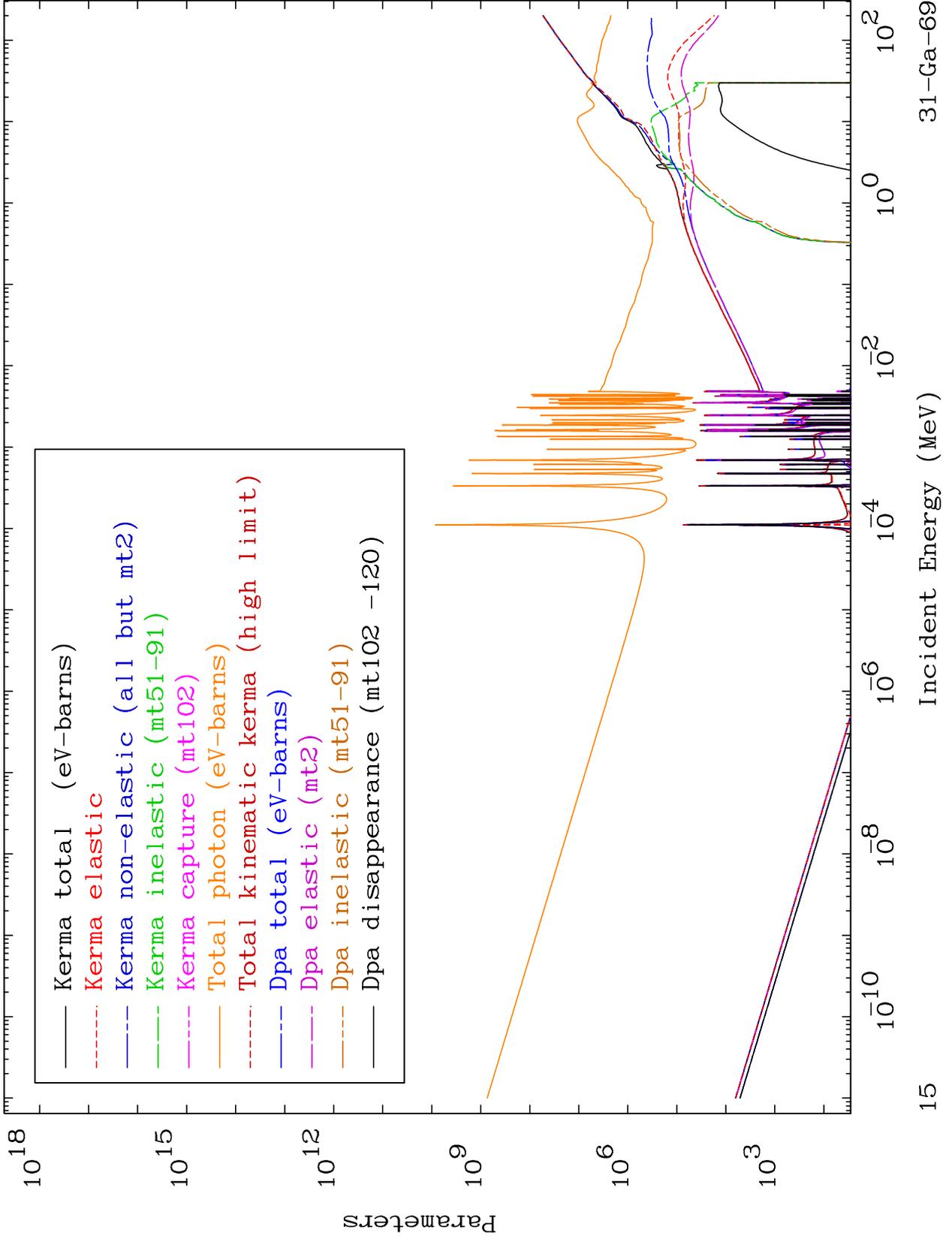
31-Ga-69

MAT 3125

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-69

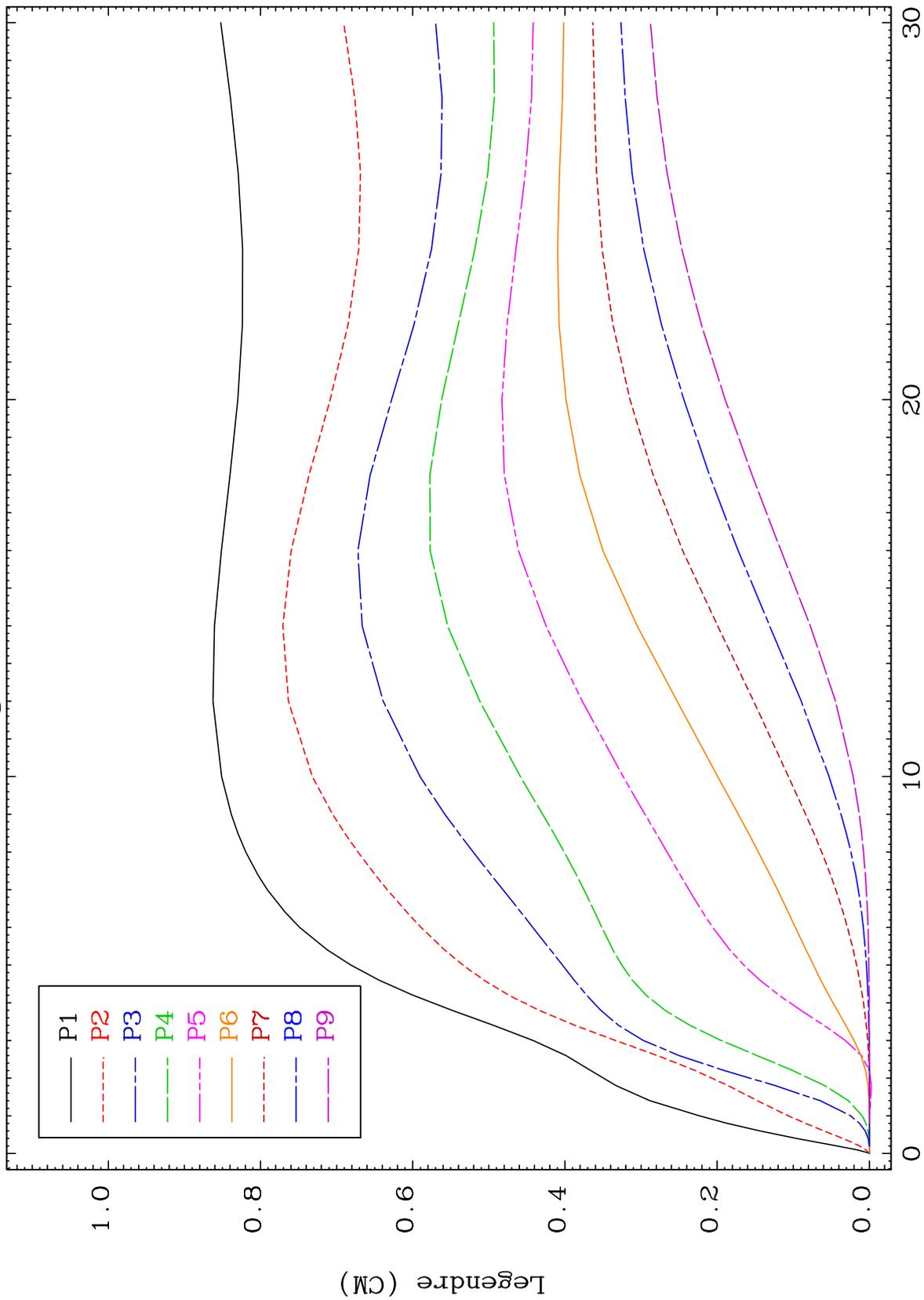




MAT 3125

Elastic Legendre Coefficients

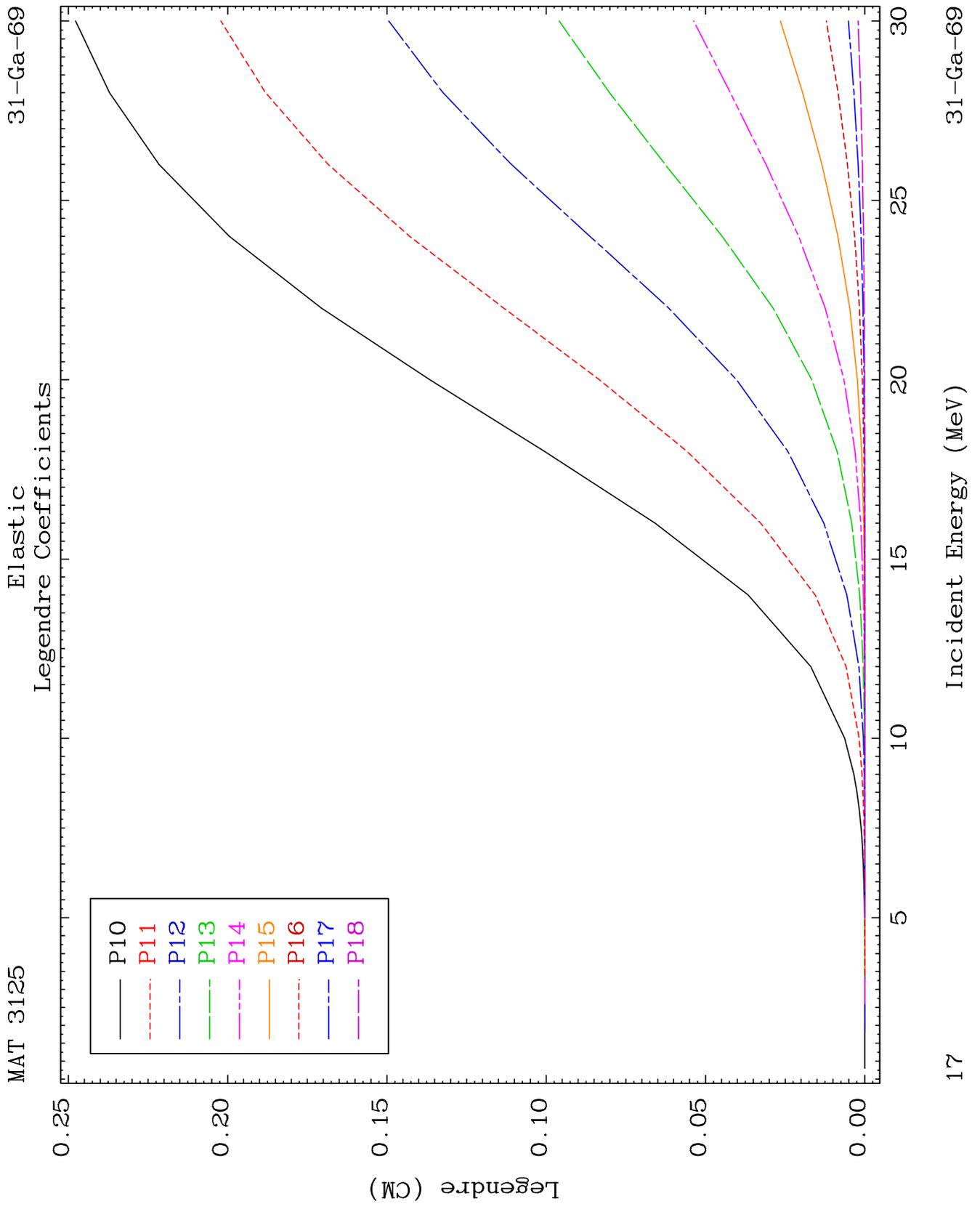
31-Ga-69



16

Incident Energy (MeV)

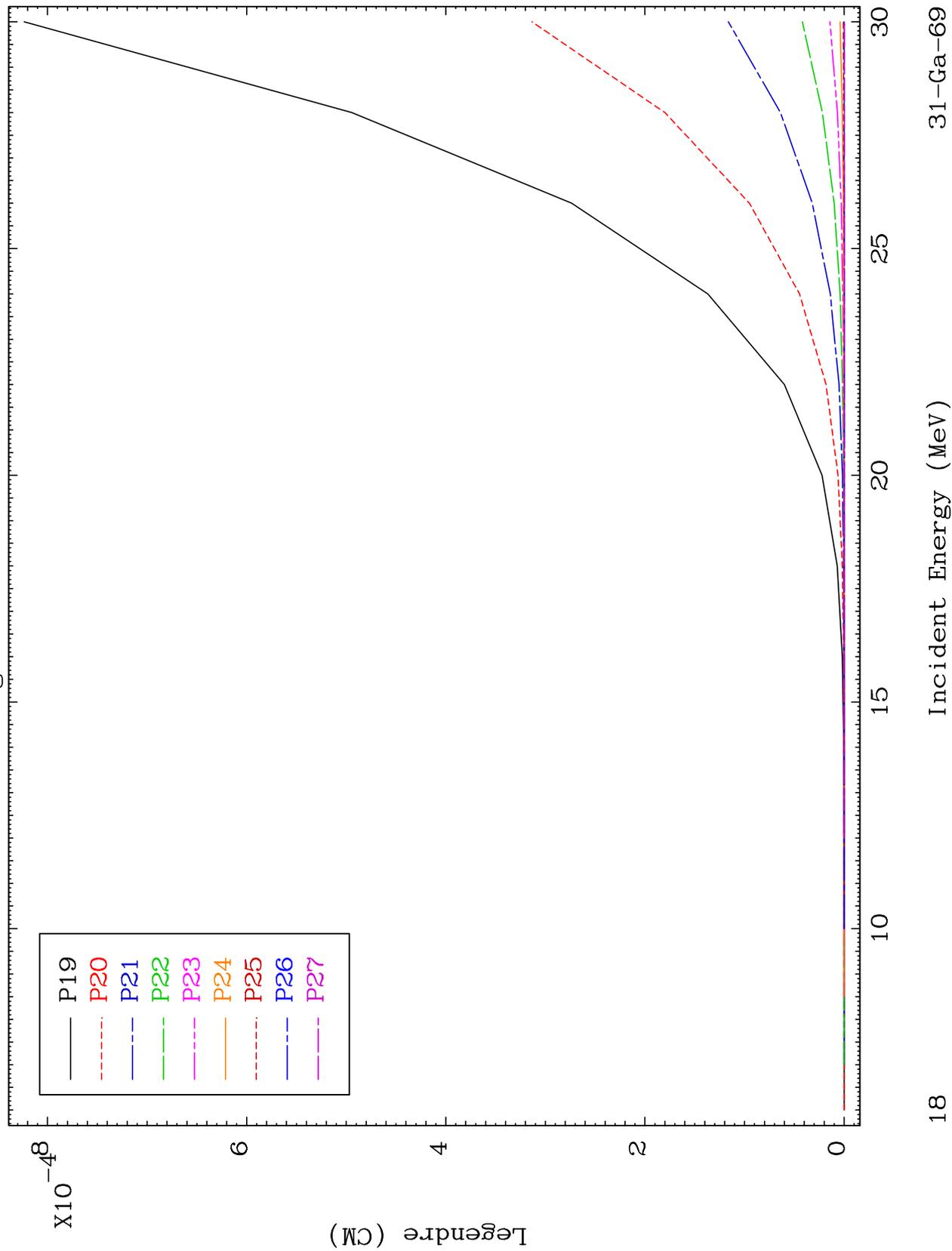
31-Ga-69



MAT 3125

Elastic Legendre Coefficients

31-Ga-69



18

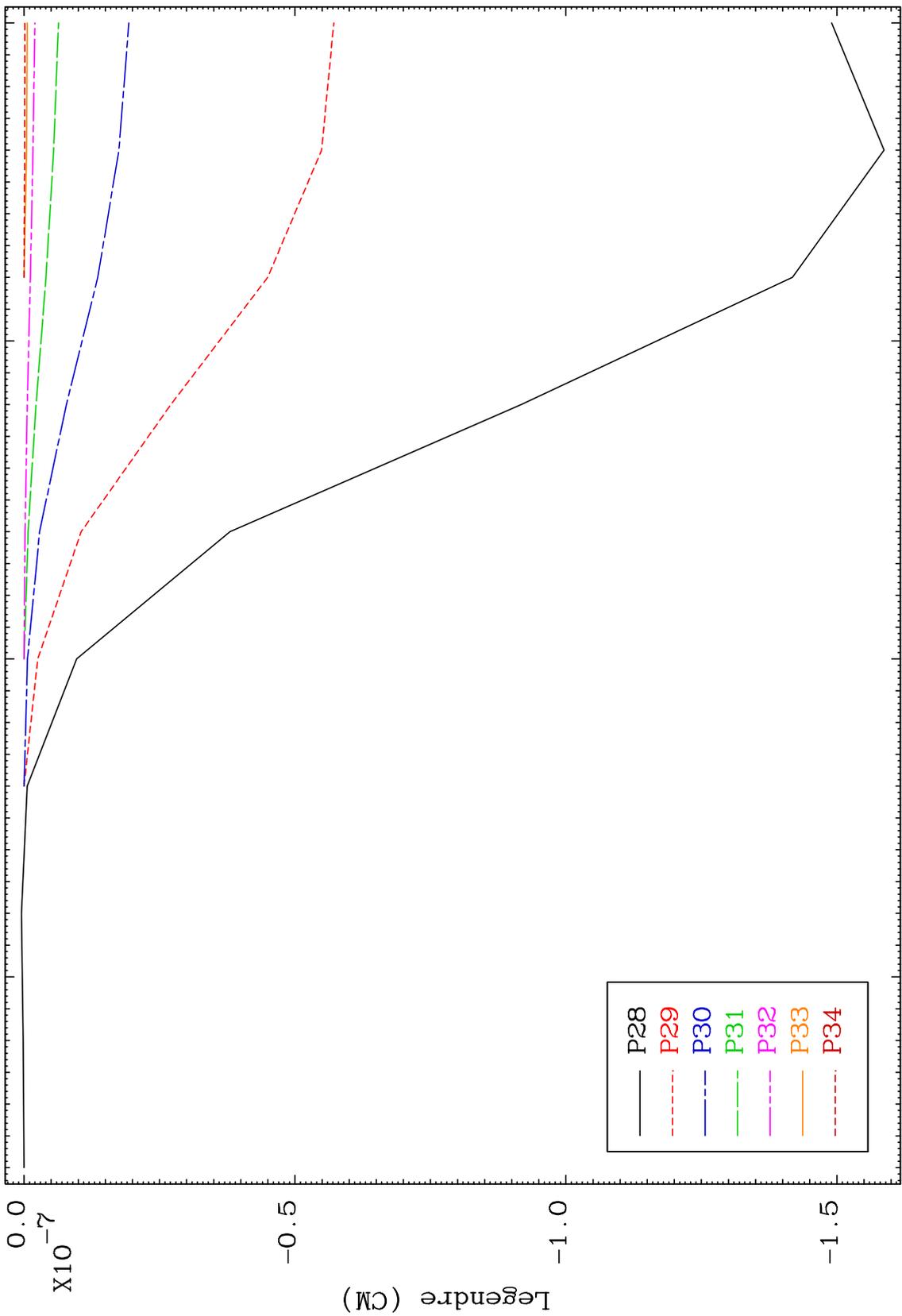
Incident Energy (MeV)

31-Ga-69

MAT 3125

31-Ga-69

Elastic Legendre Coefficients



0.0

$\times 10^{-7}$

-0.5

-1.0

-1.5

15

20

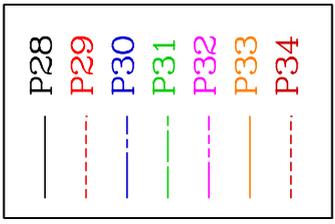
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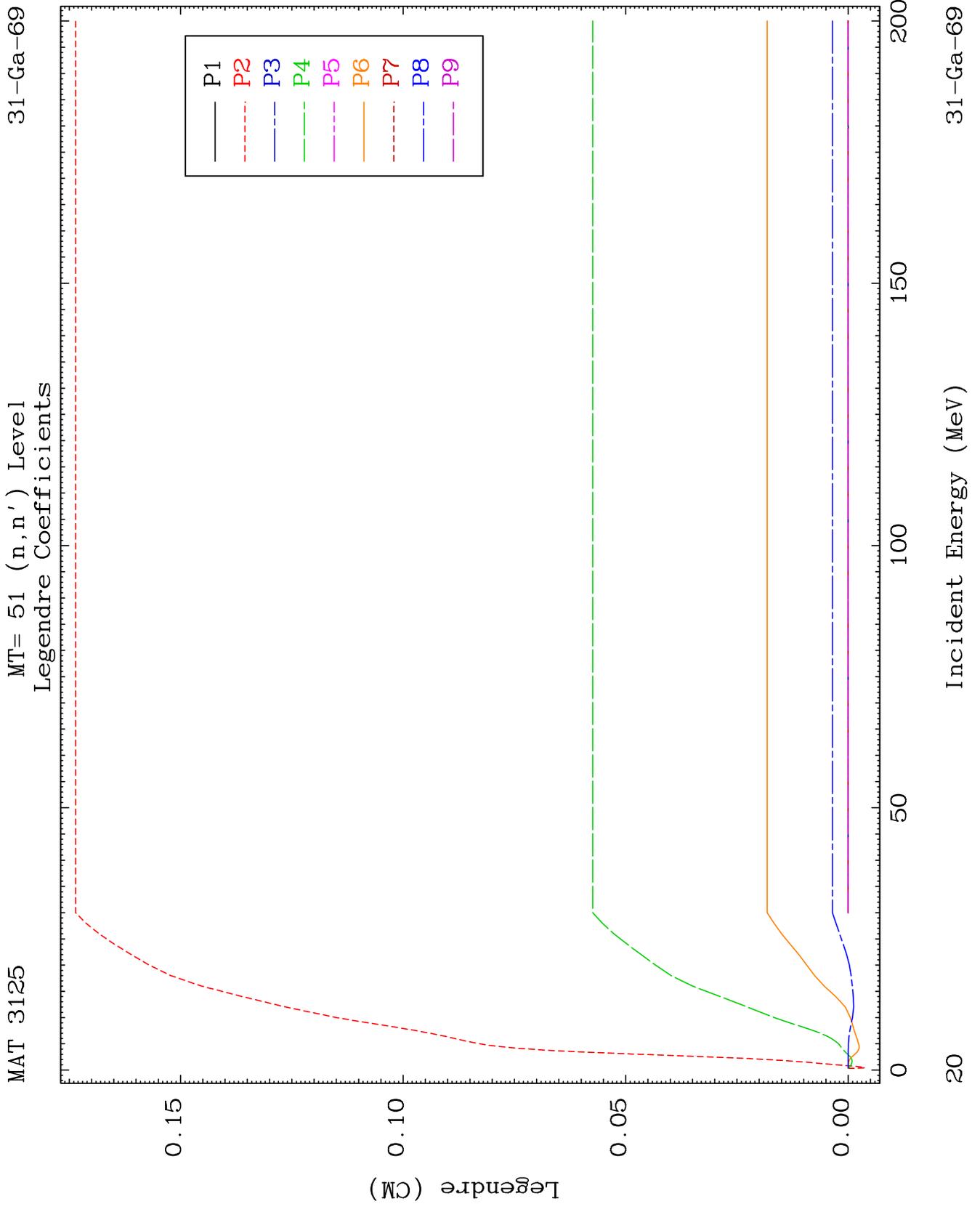
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19

Incident Energy (MeV)

31-Ga-69

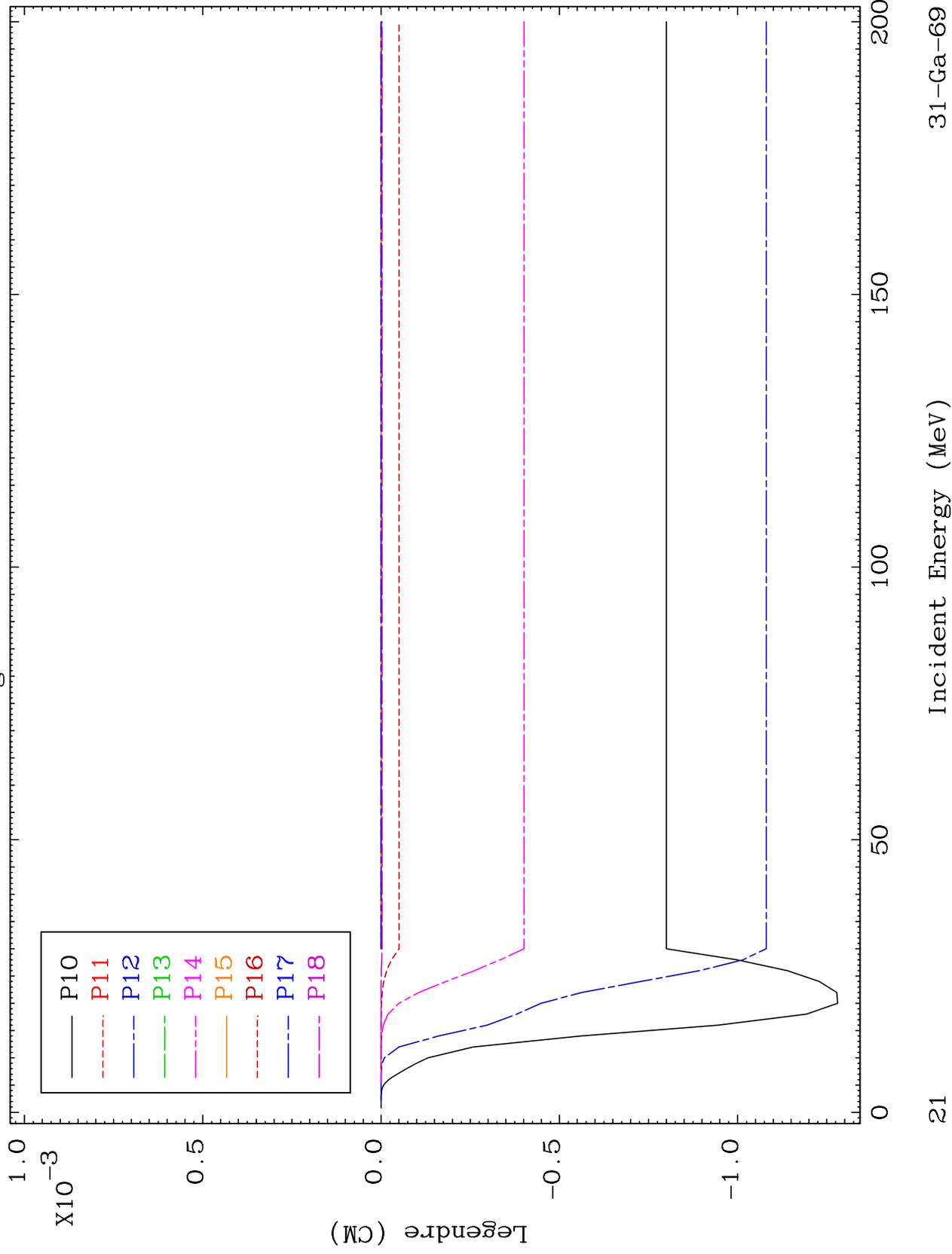




MAT 3125

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

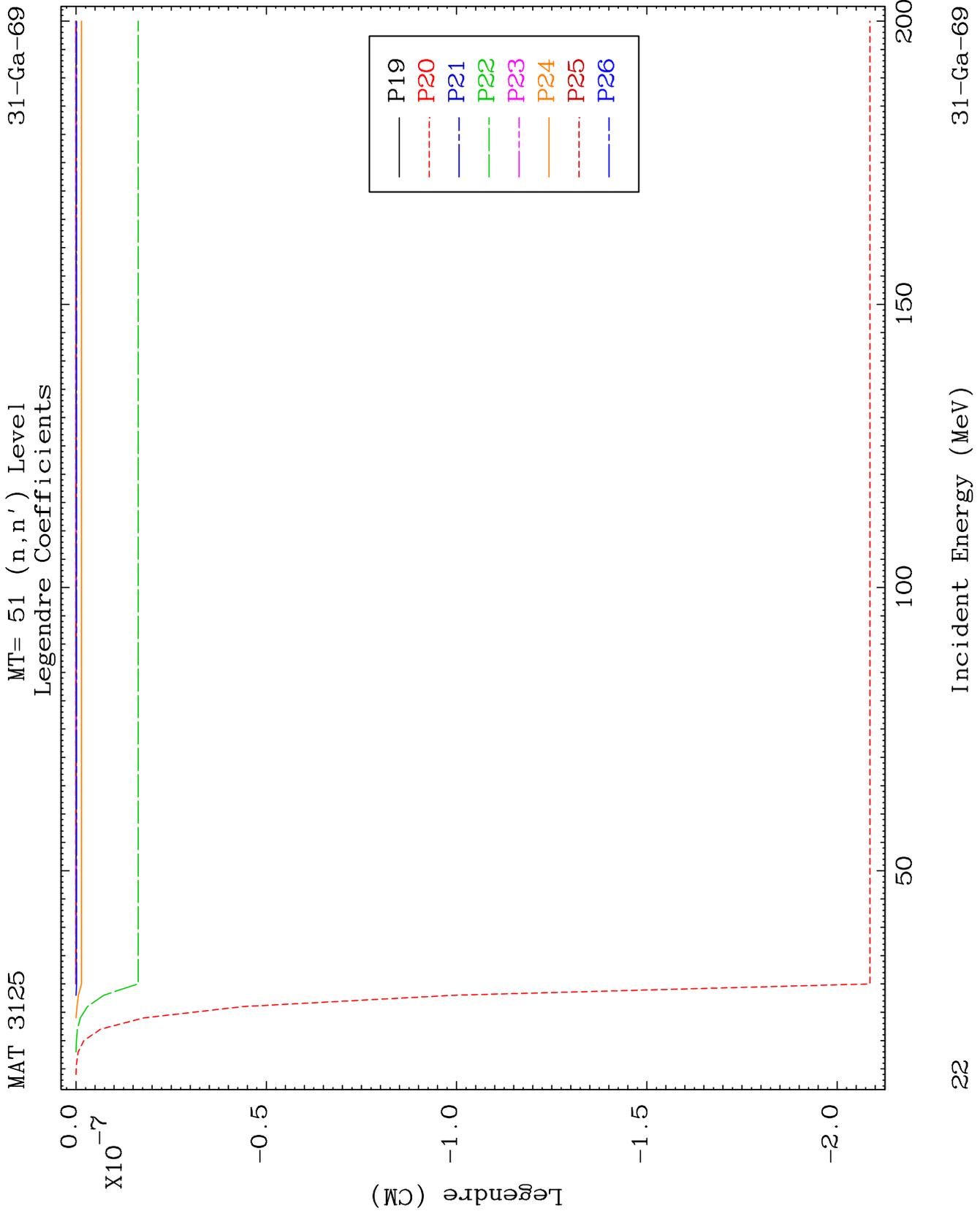
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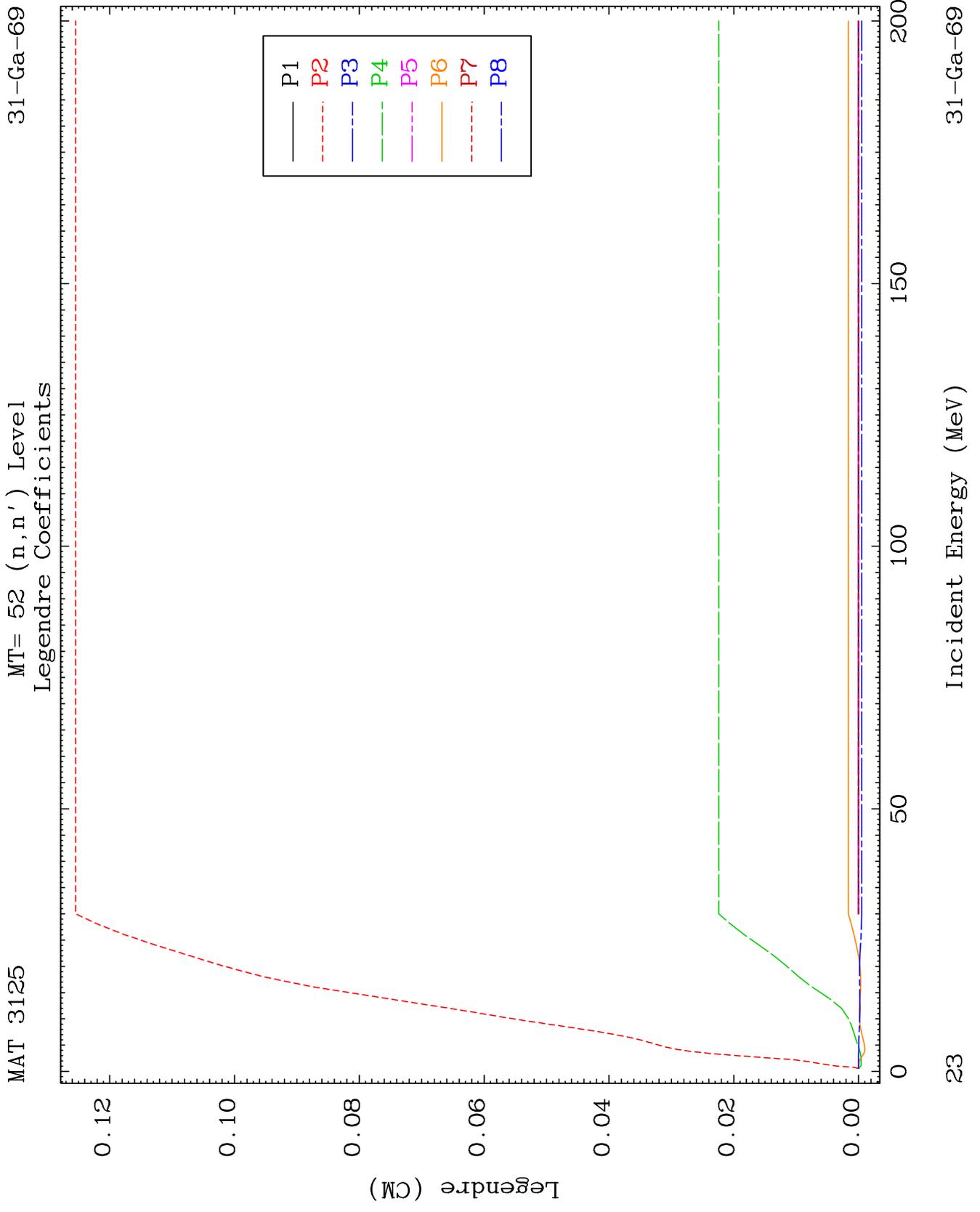


21

Incident Energy (MeV)

31-Ga-69

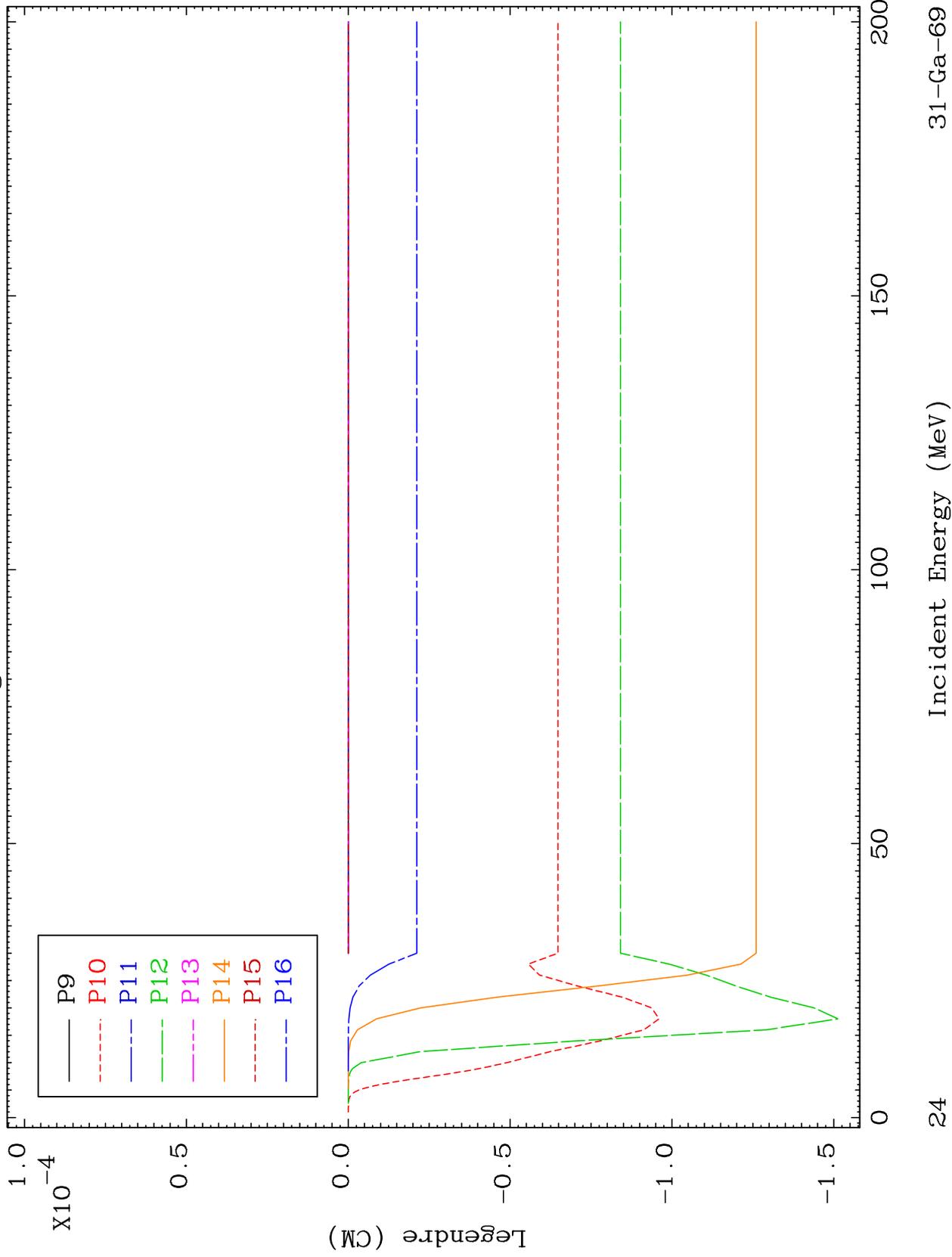




MAT 3125

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Legendre Coefficients

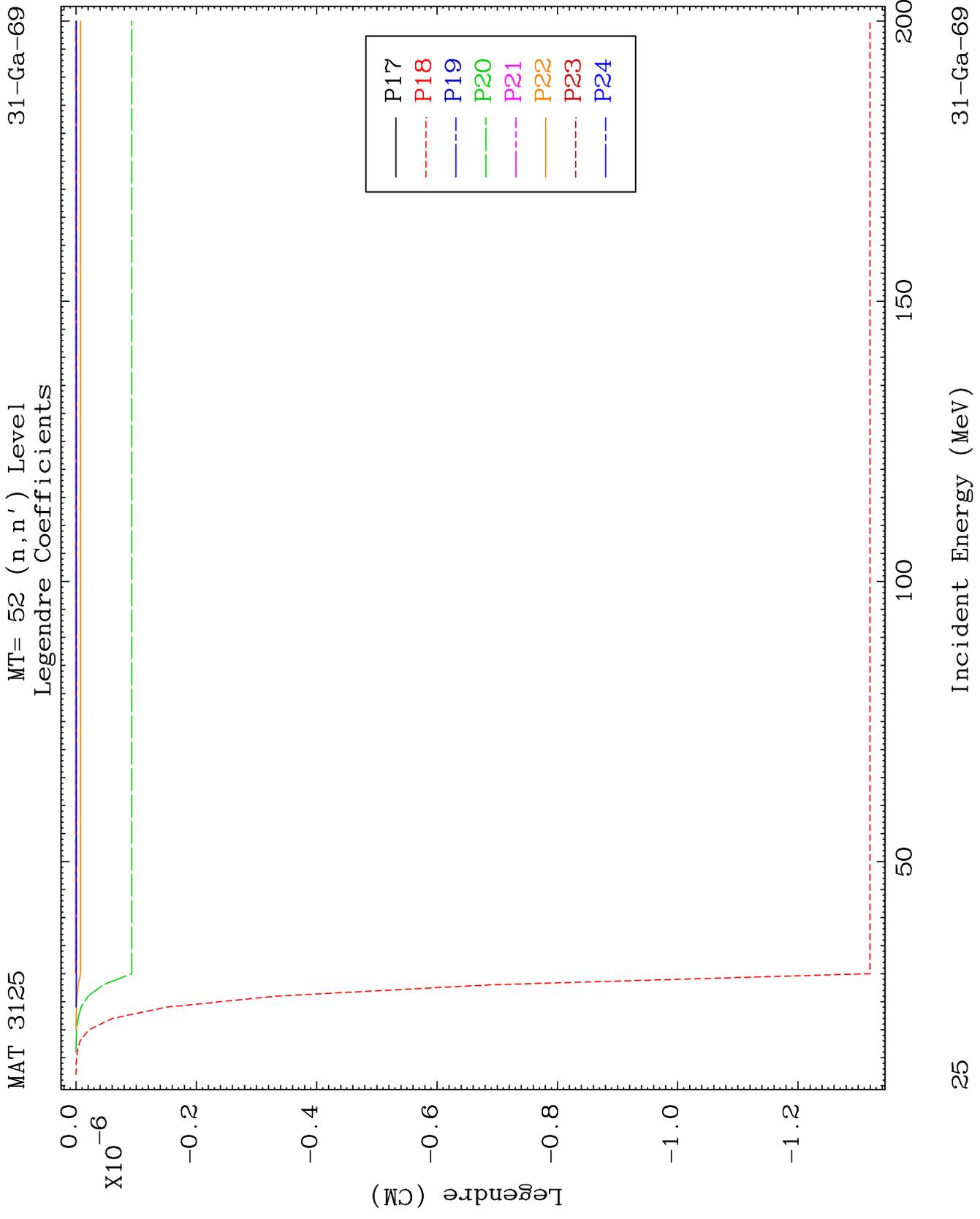
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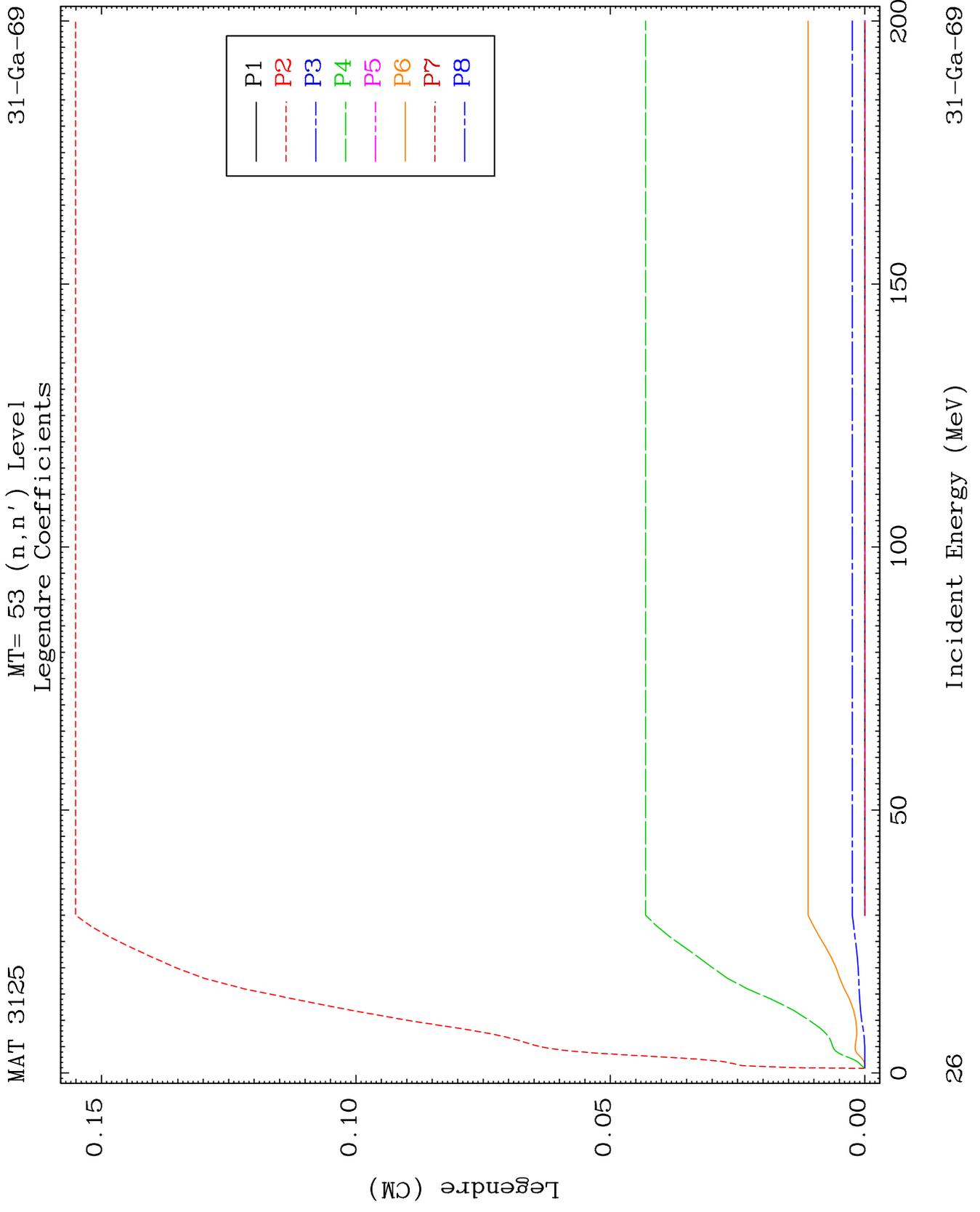


24

Incident Energy (MeV)

31-Ga-69

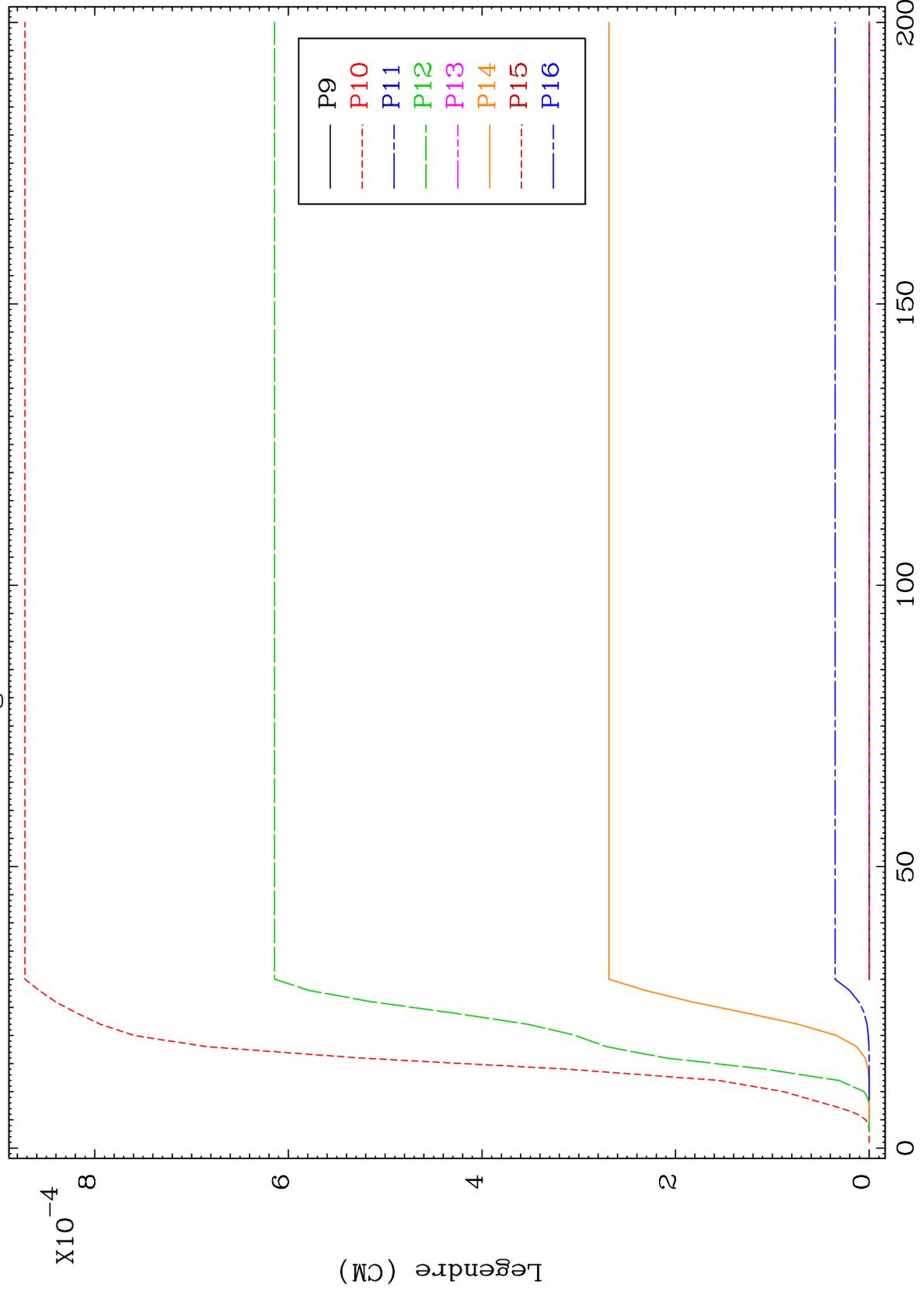




MAT 3125

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

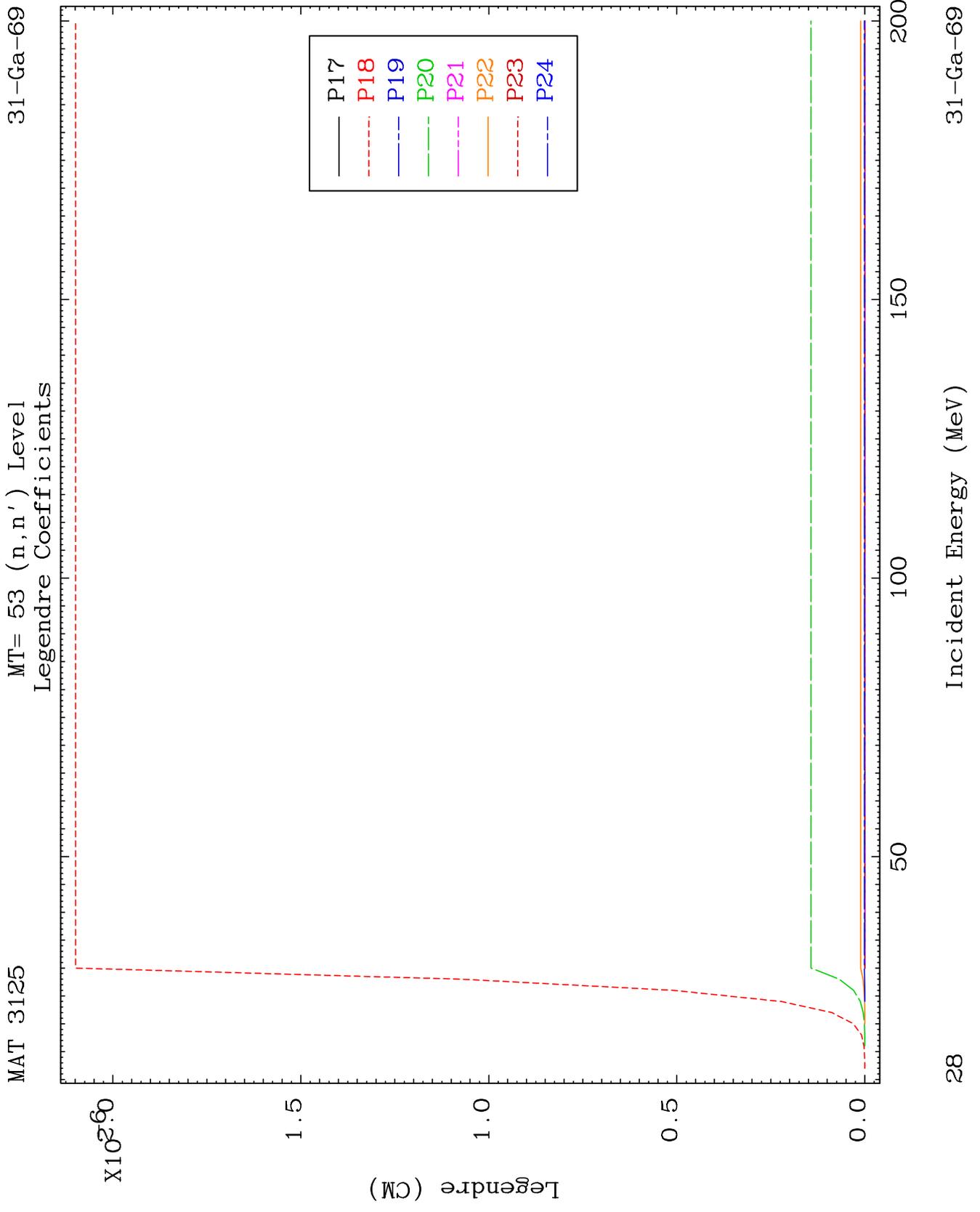
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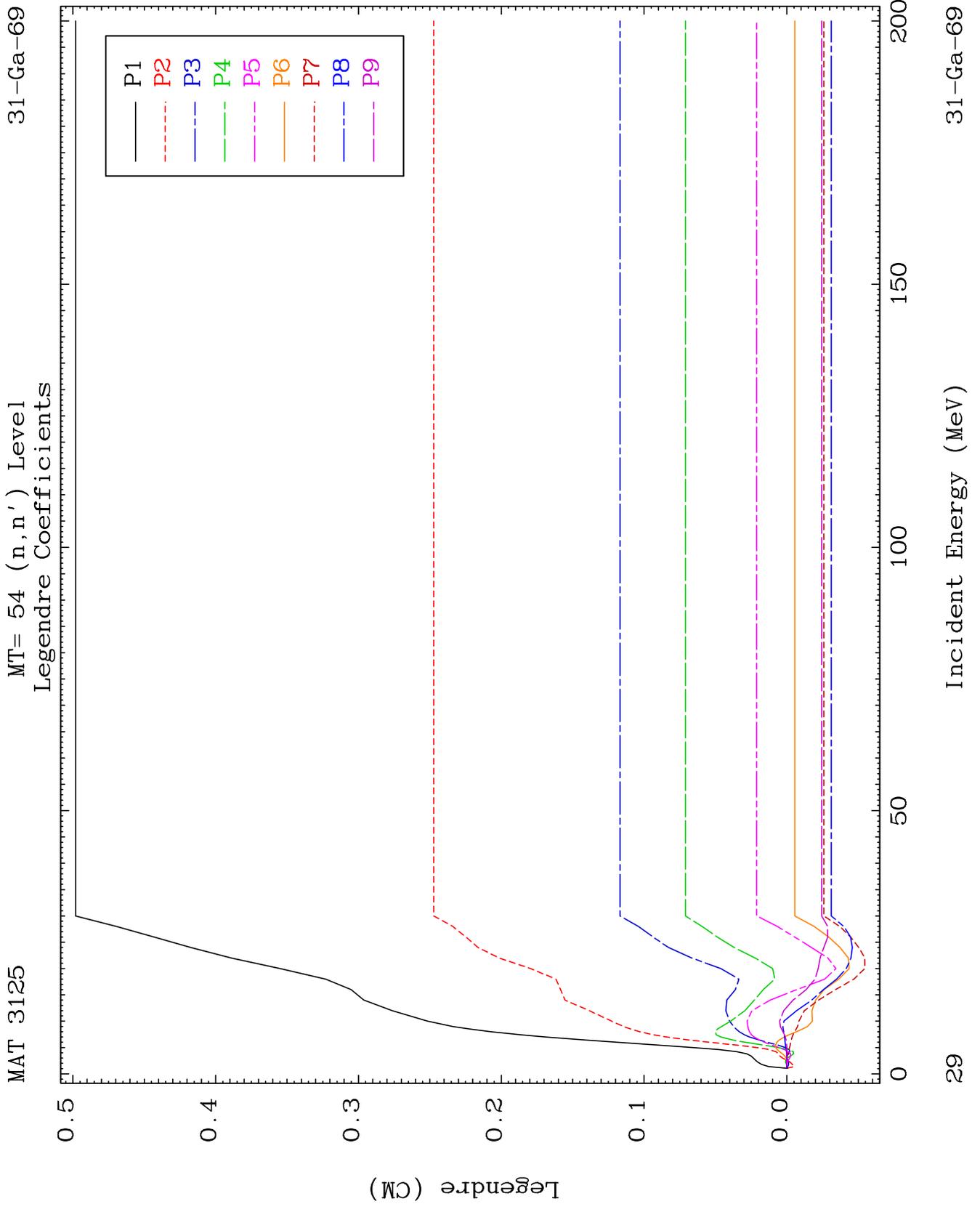


27

Incident Energy (MeV)

31-Ga-69

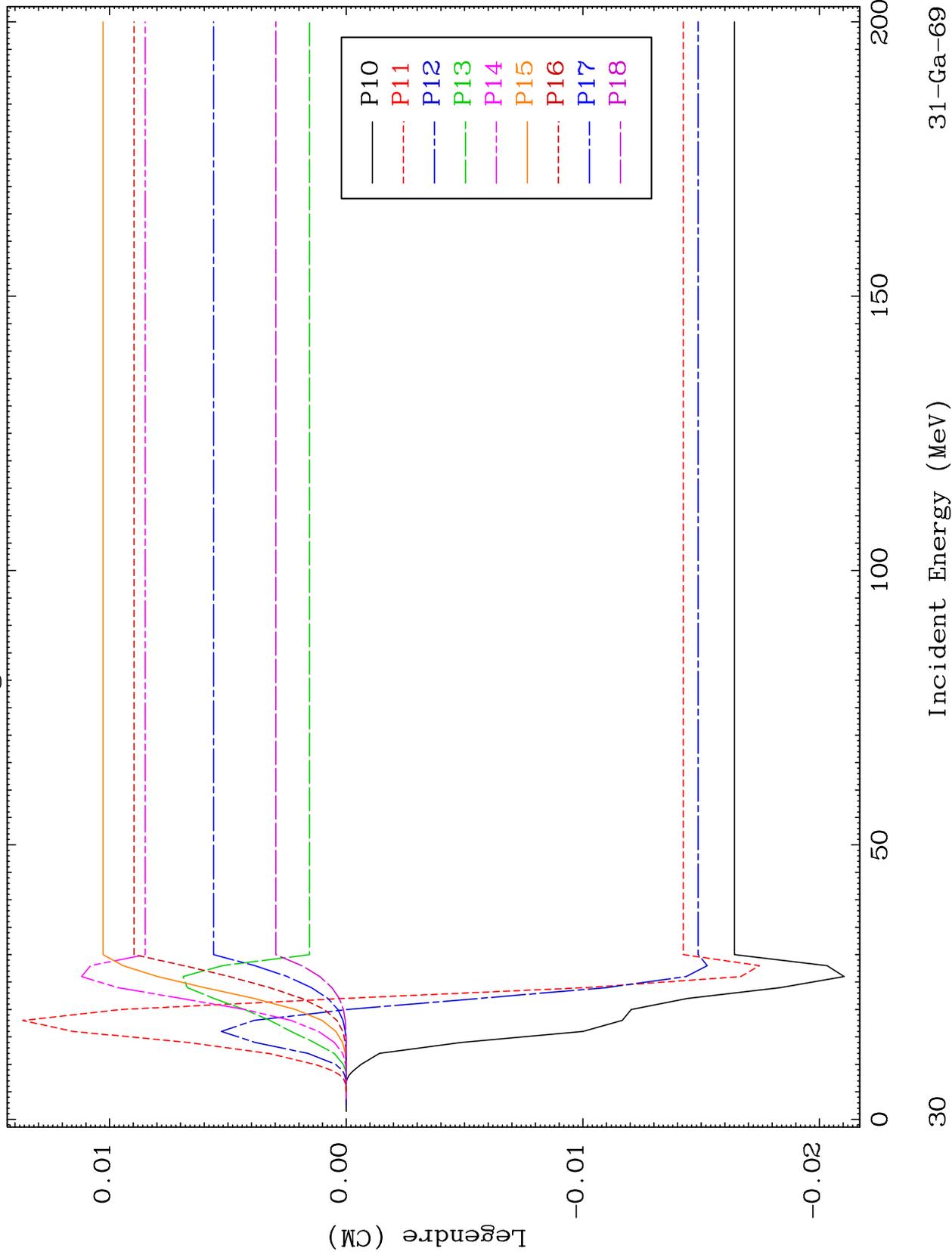




MAT 3125

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

31-Ga-69



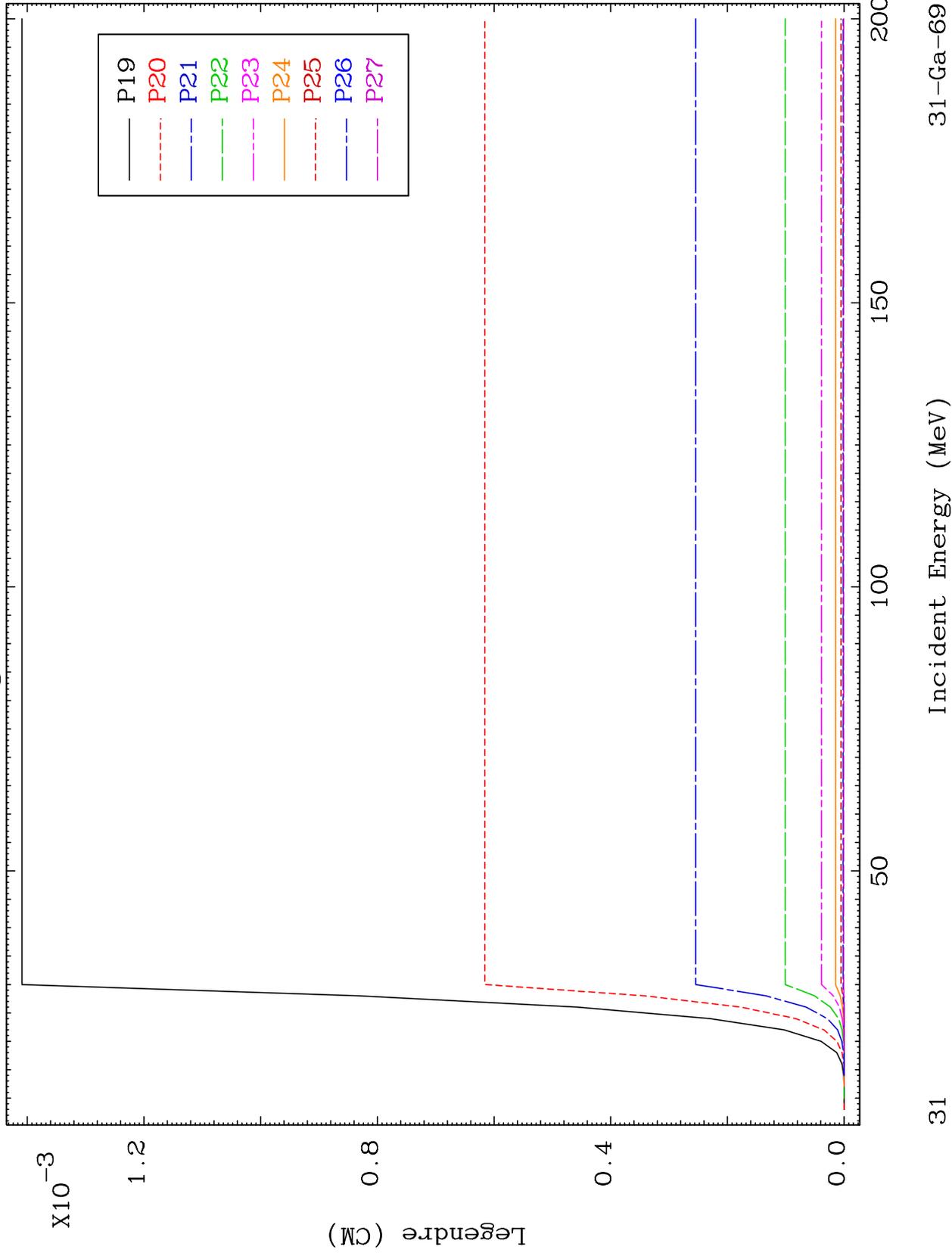
31-Ga-69

Incident Energy (MeV)

MAT 3125

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

31-Ga-69



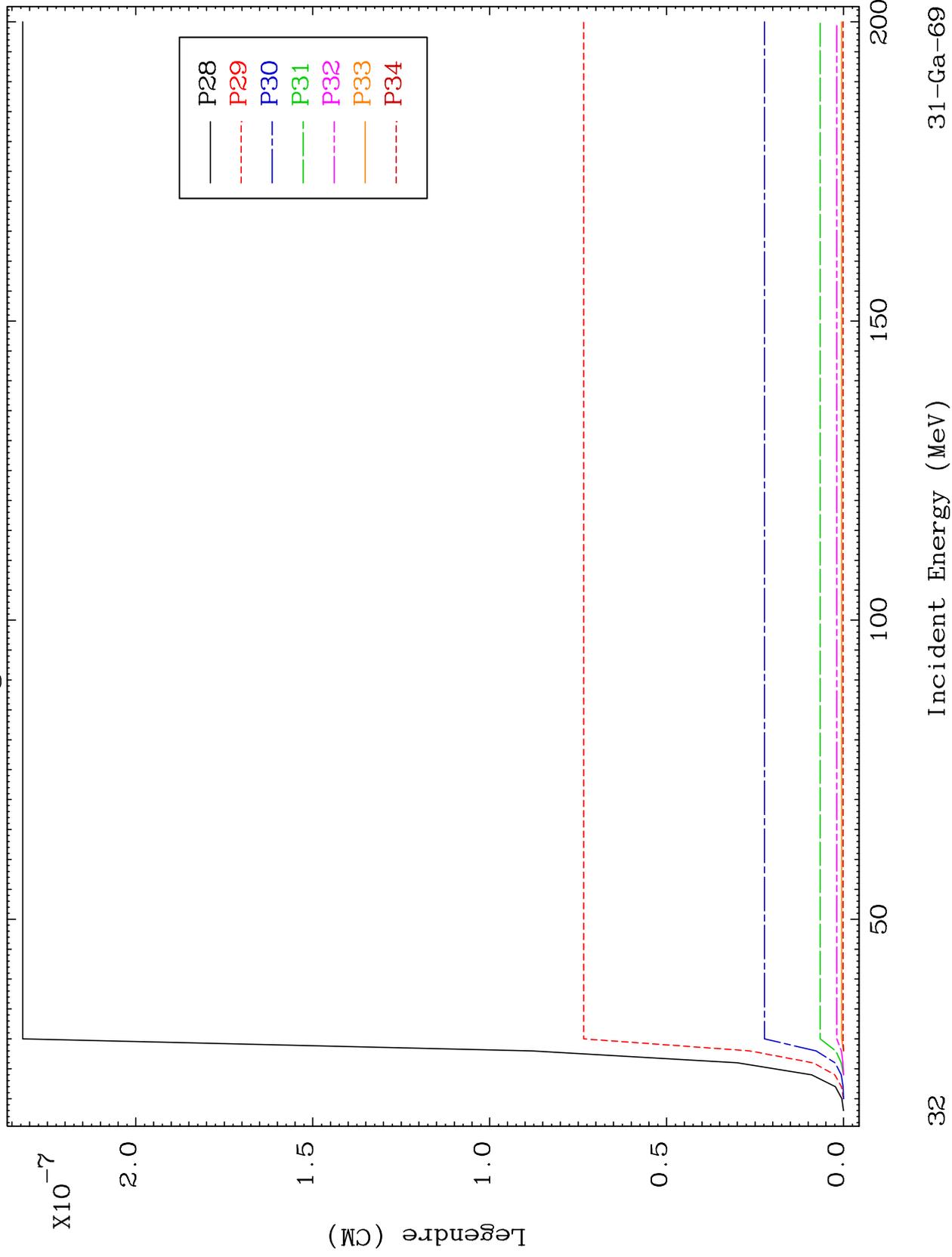
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31-Ga-69

MAT 3125

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

31-Ga-69



31-Ga-69

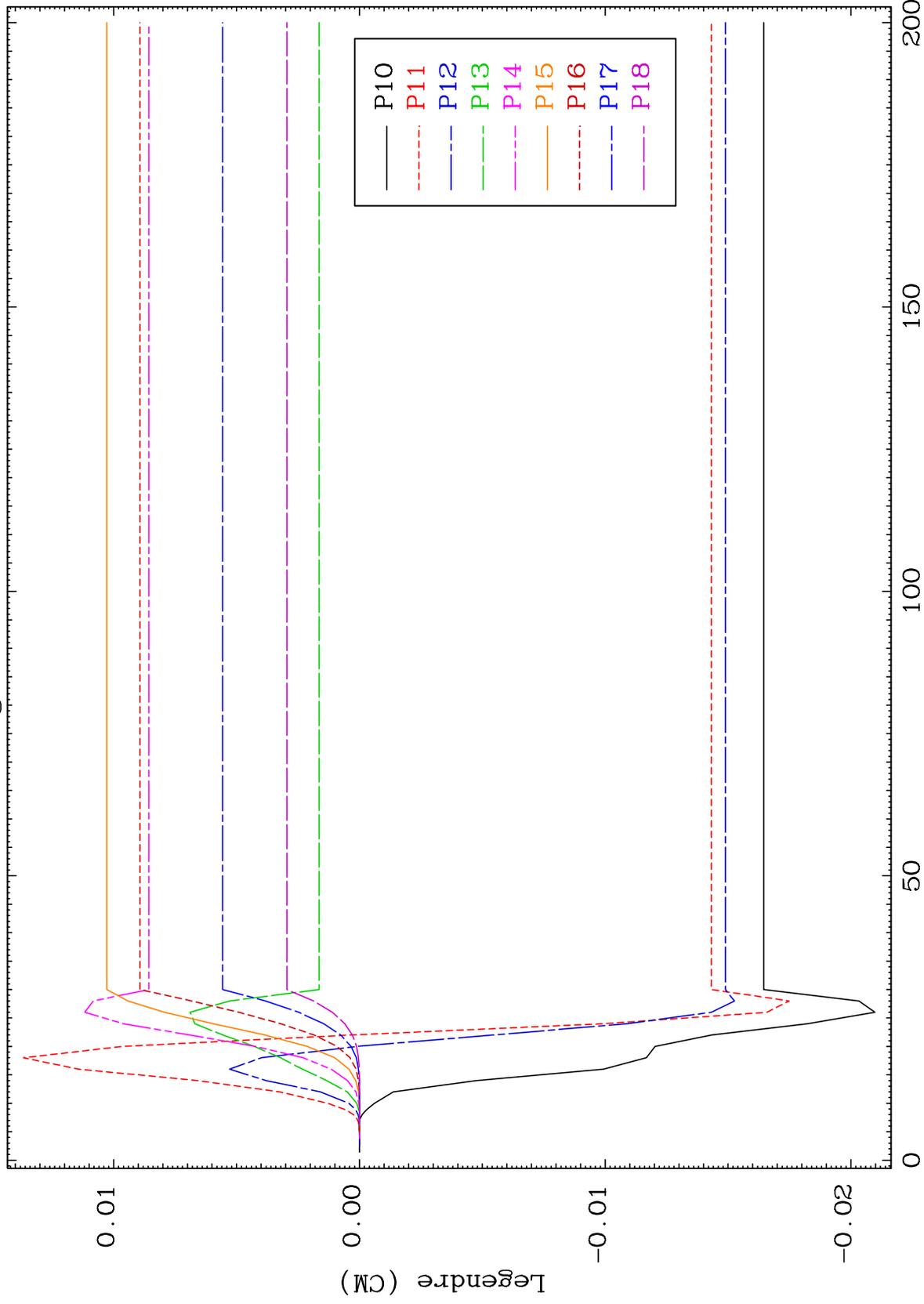
Incident Energy (MeV)

32

MAT 3125

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

31-Ga-69



34

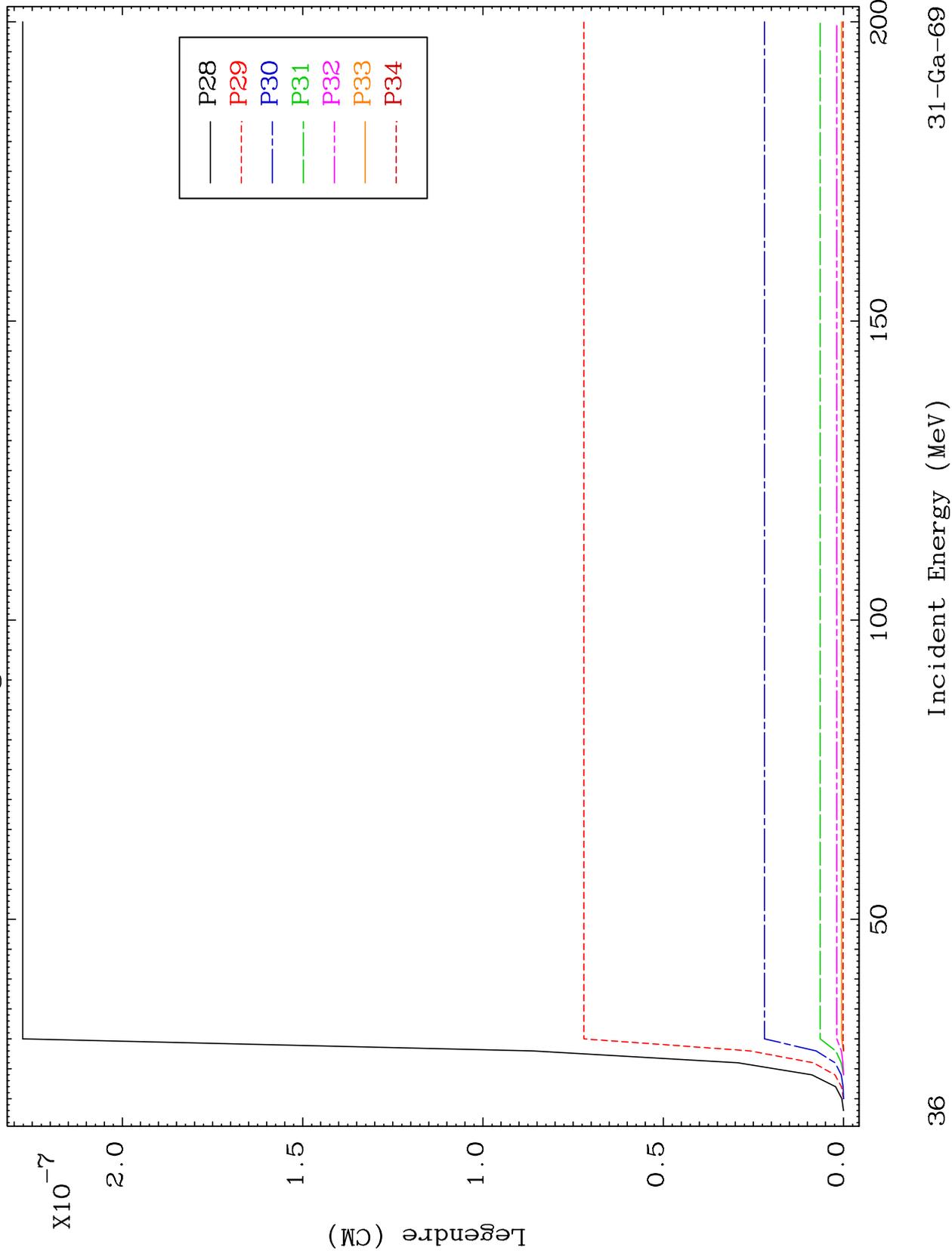
Incident Energy (MeV)

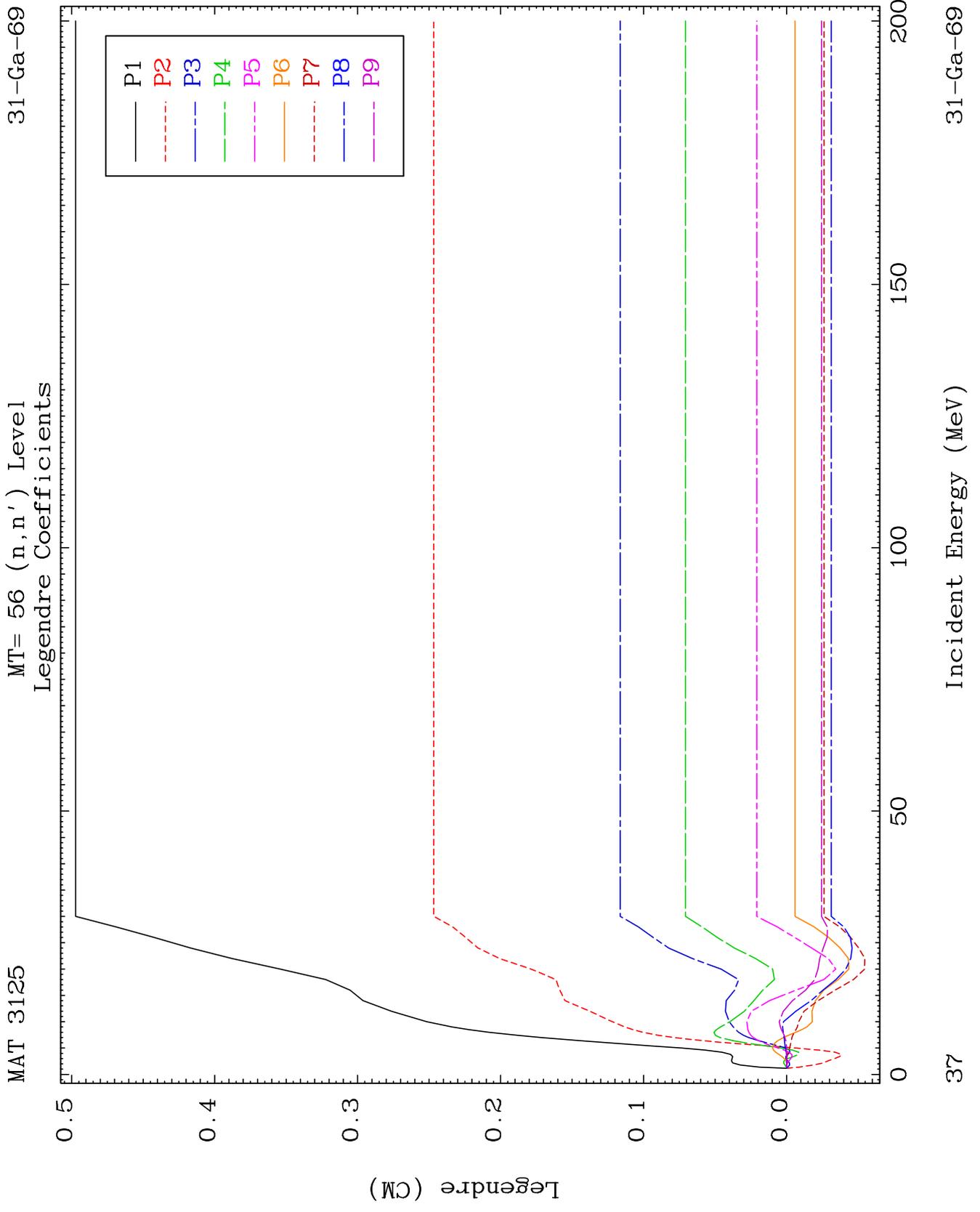
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MAT 3125

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

31-Ga-69

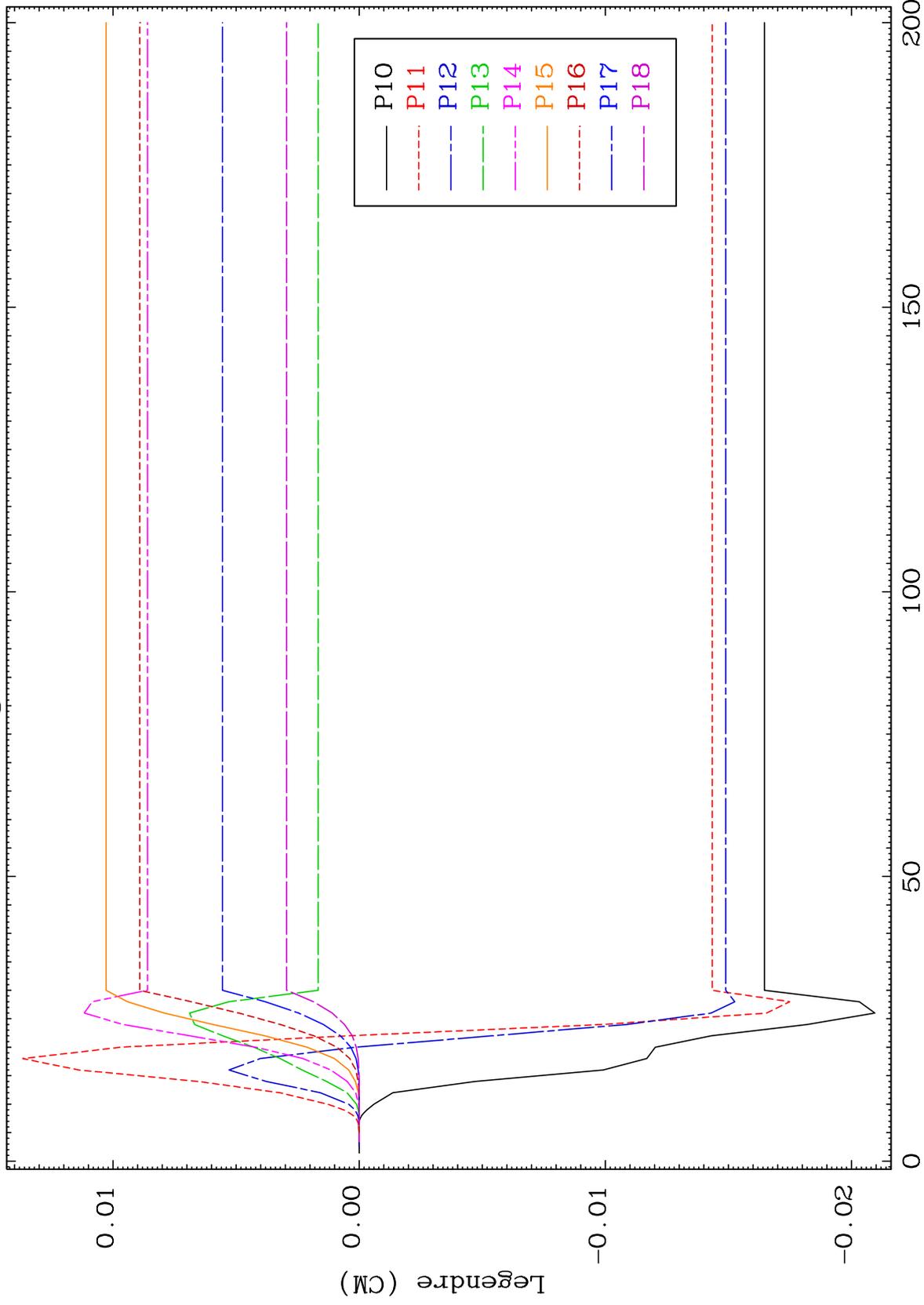




MAT 3125

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

31-Ga-69



38

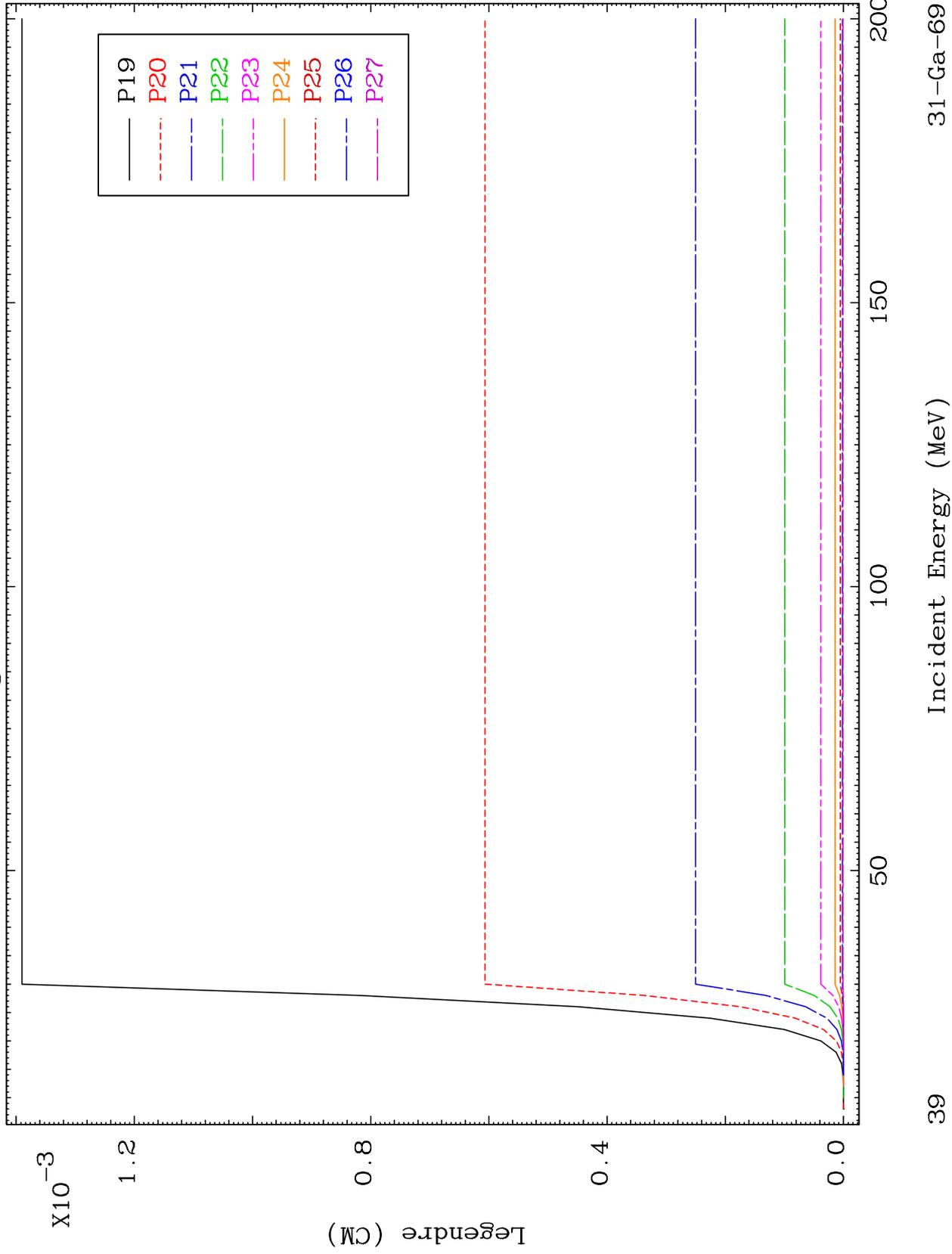
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69

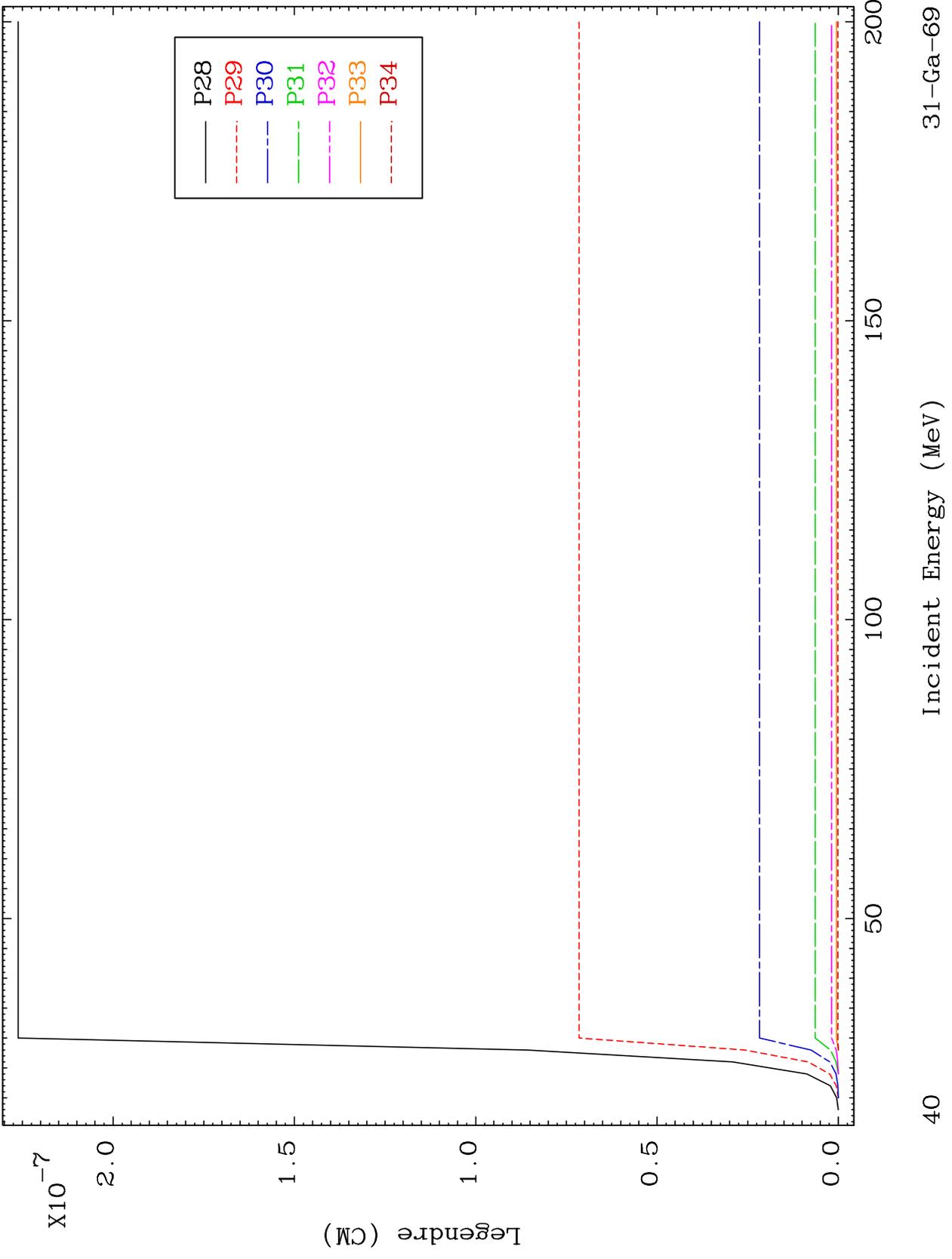


39

MAT 3125

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

31-Ga-69



31-Ga-69

Incident Energy (MeV)

40

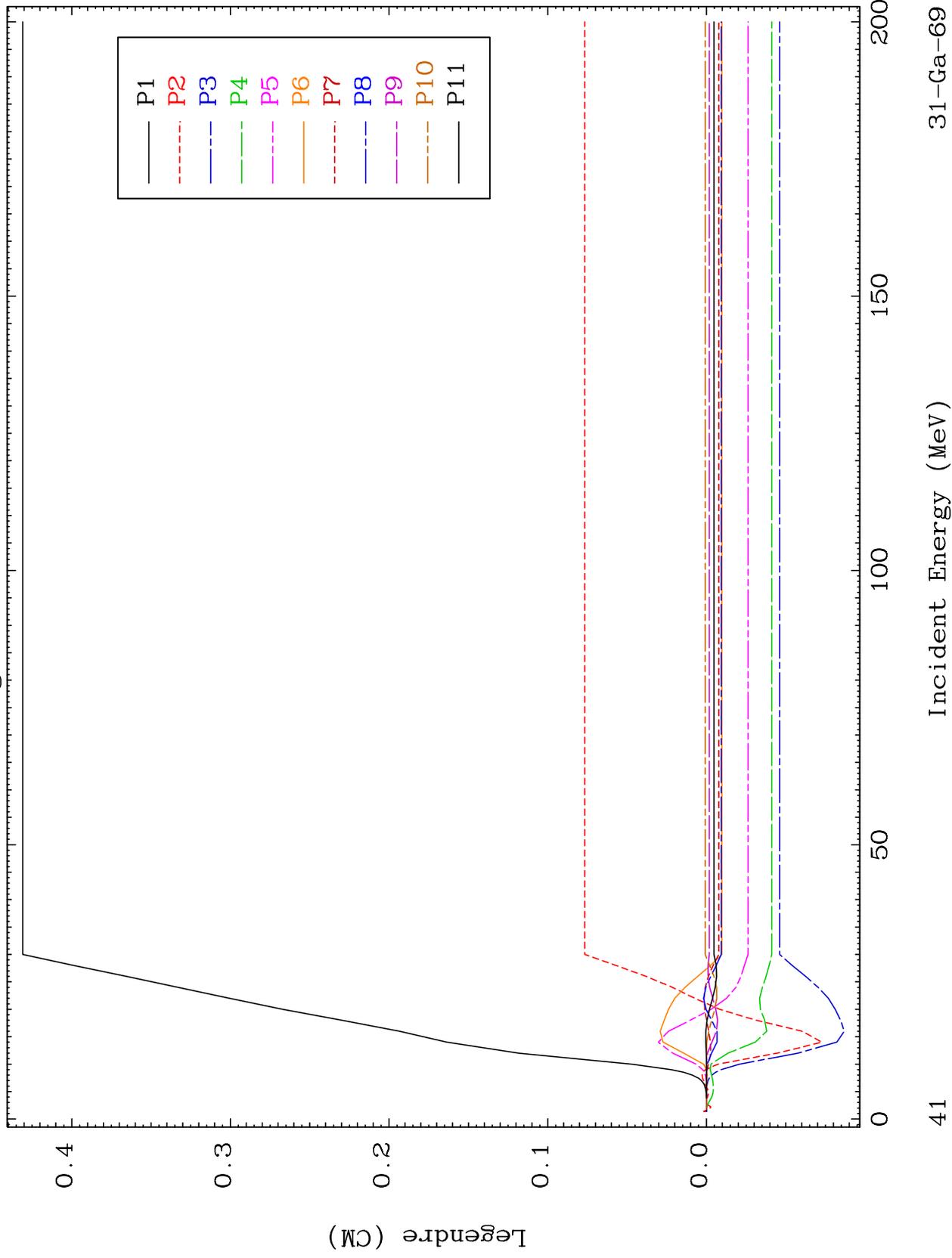
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Legendre (CM)

MAT 3125

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

31-Ga-69



31-Ga-69

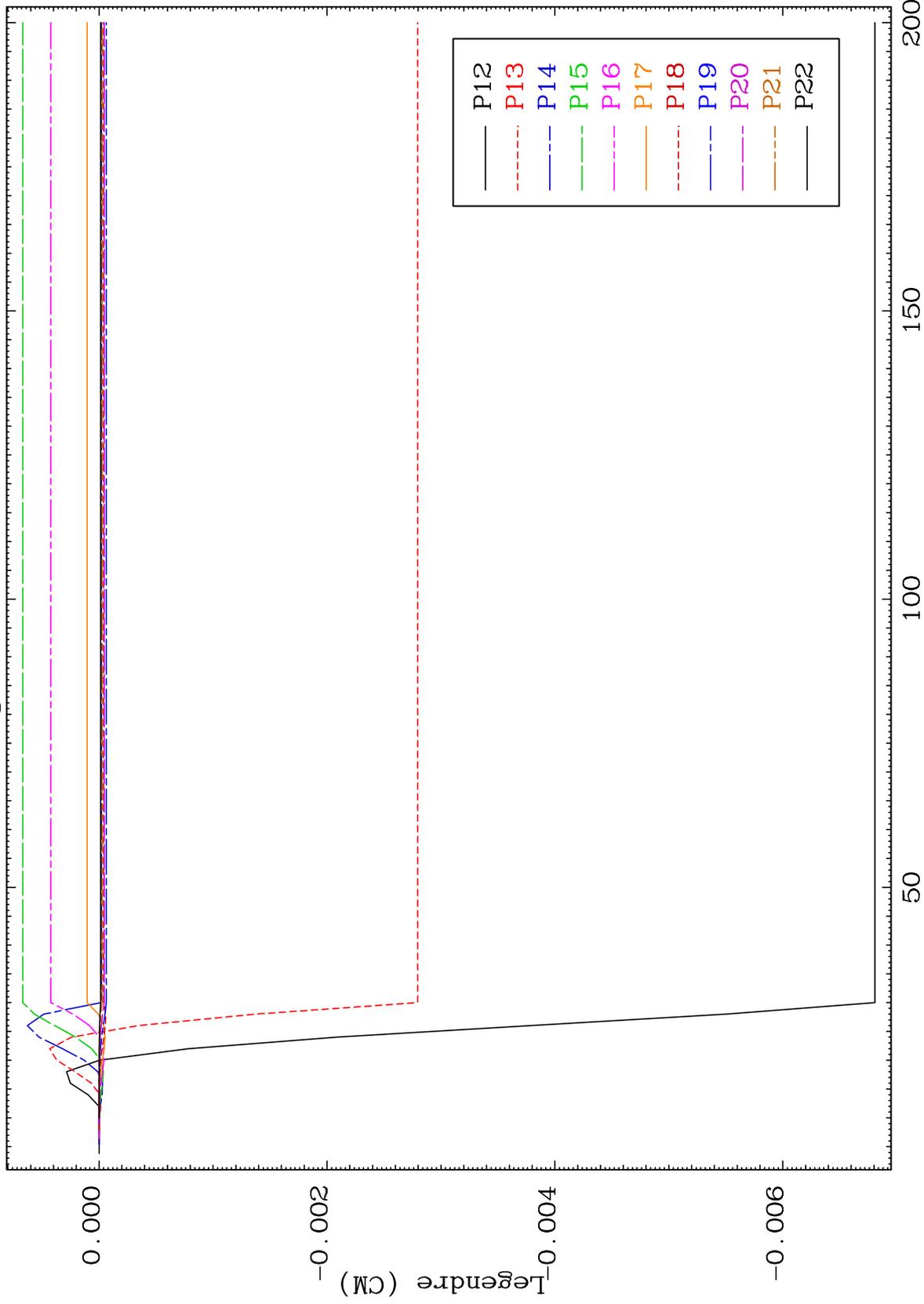
Incident Energy (MeV)

41

MAT 3125

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

31-Ga-69

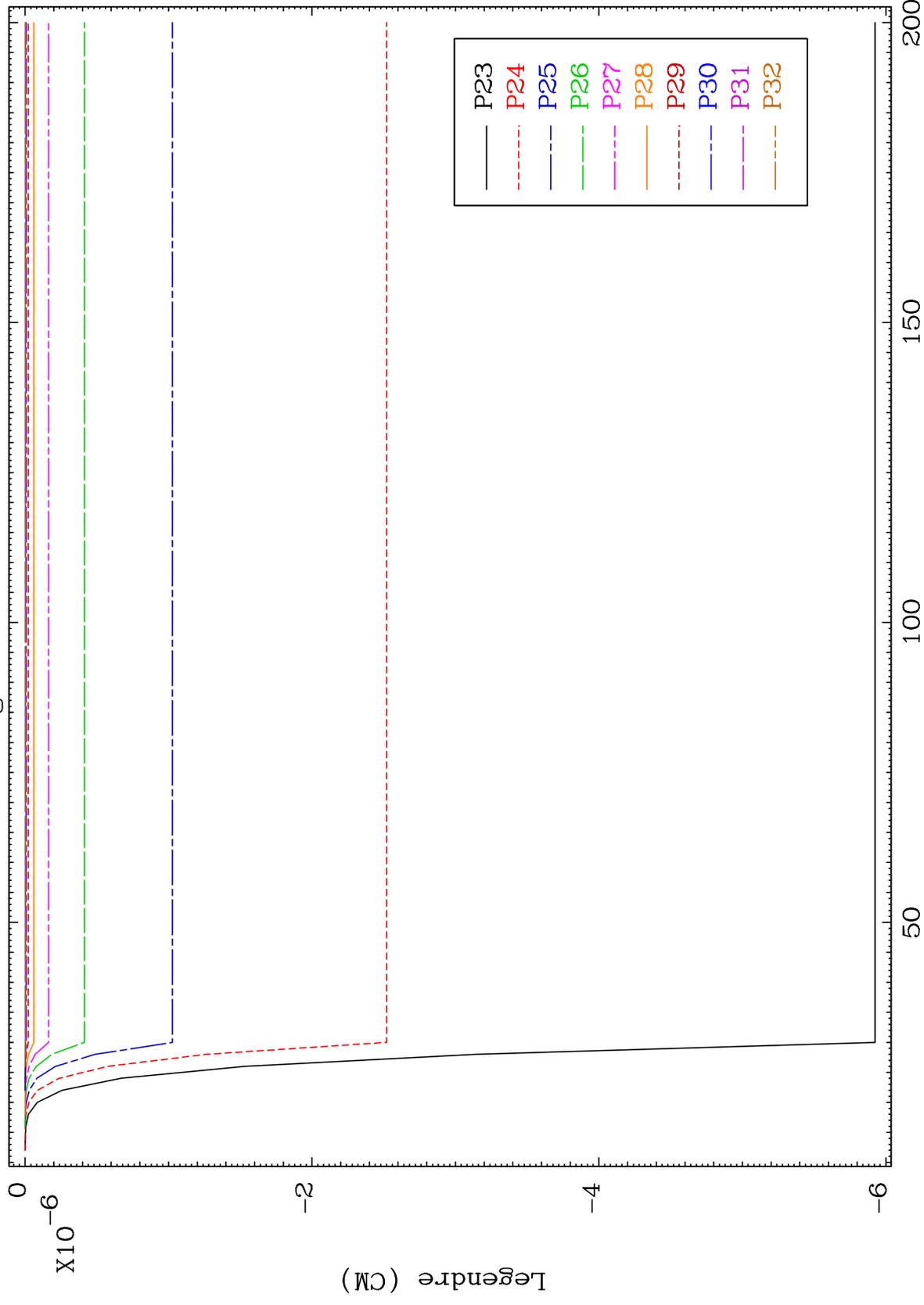


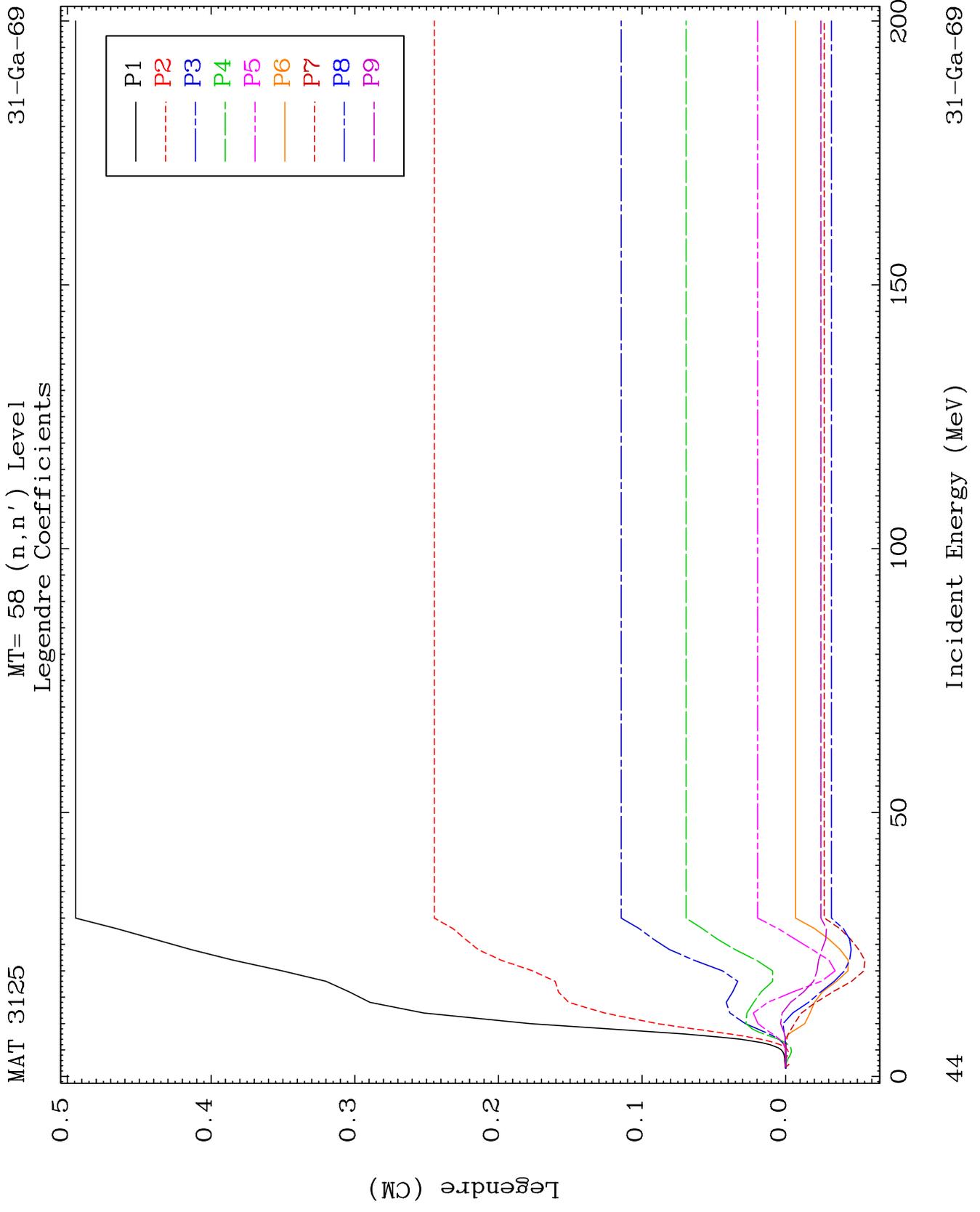
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Incident Energy (MeV)

31-Ga-69

Legendre Coefficients

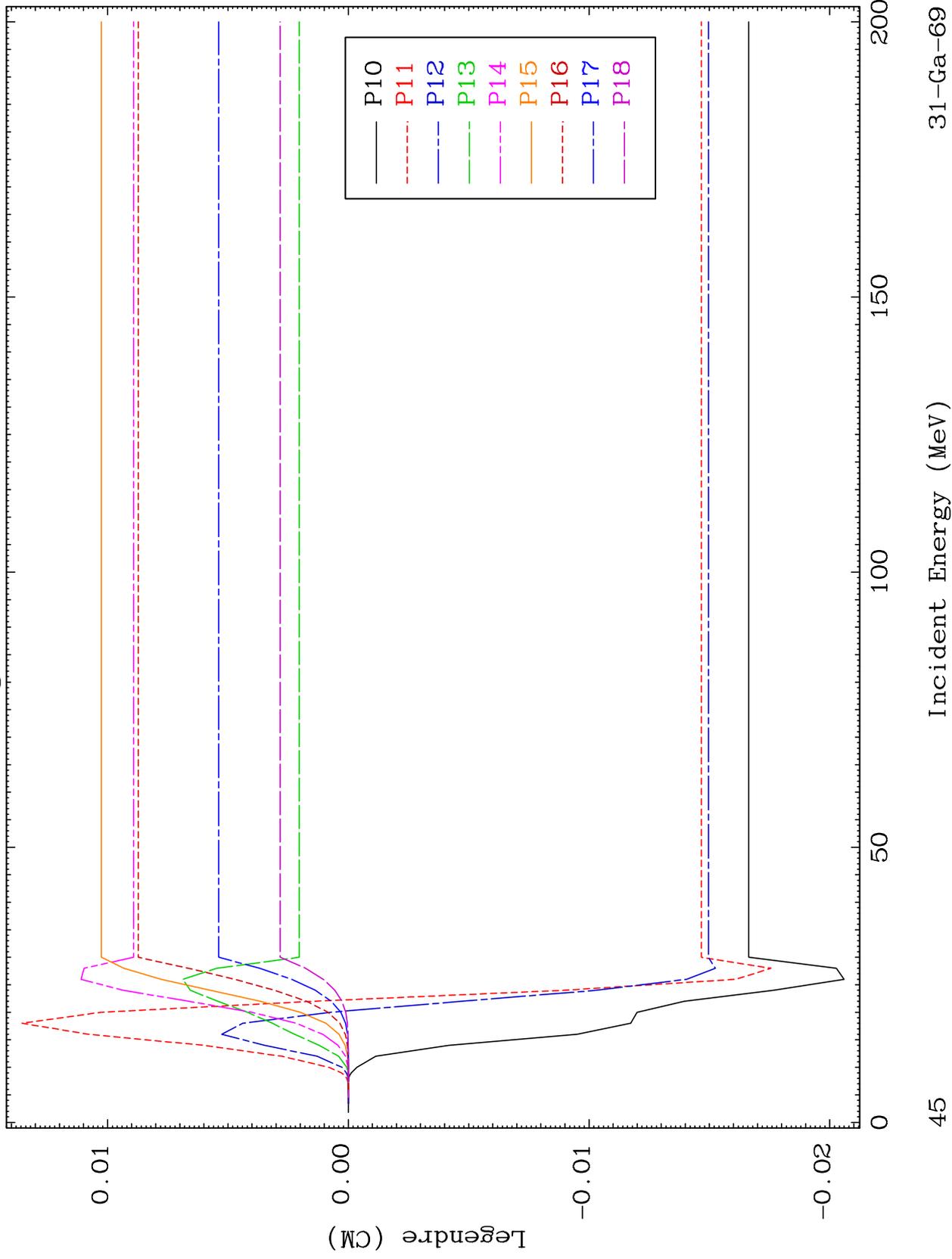




MAT 3125

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

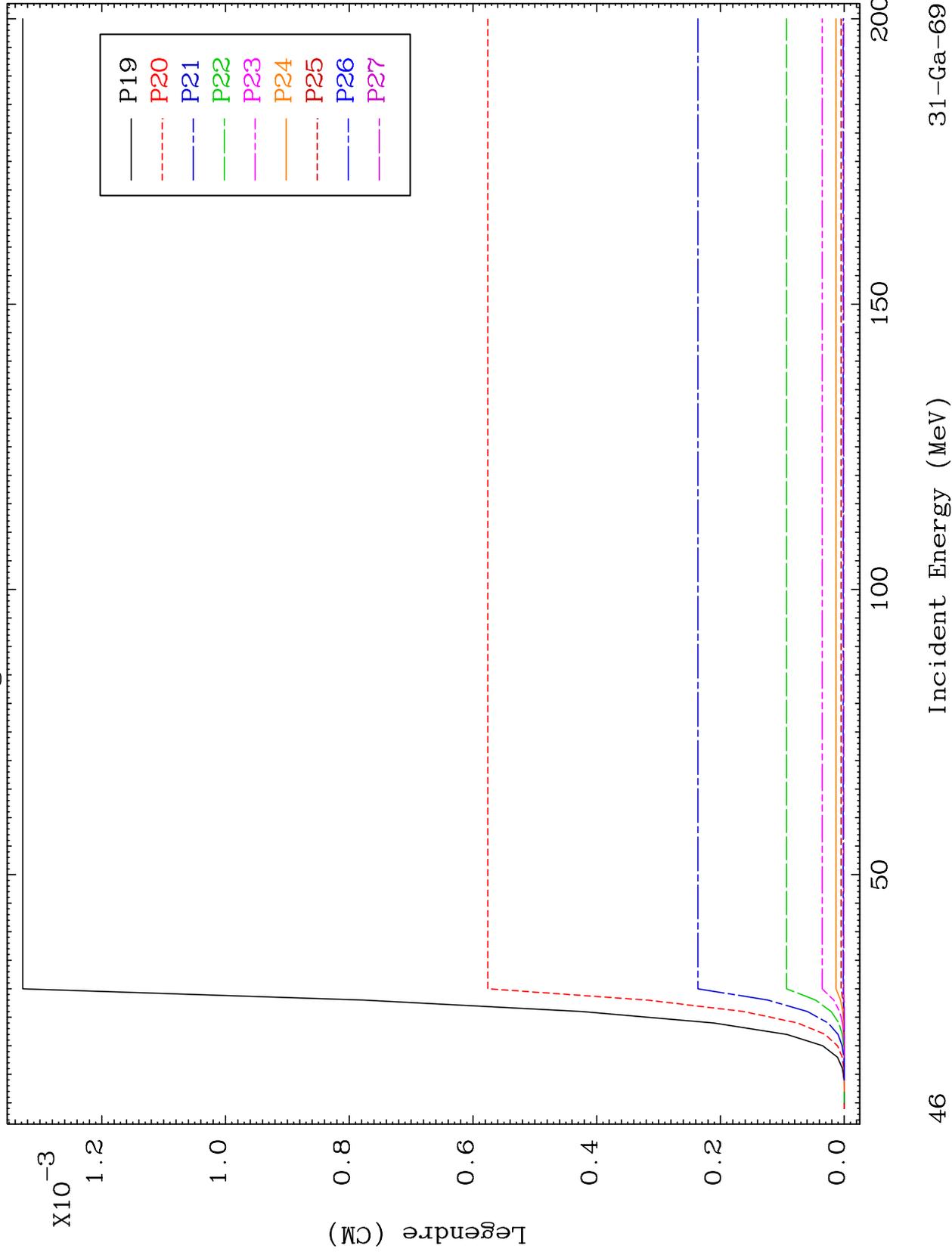
31-Ga-69



MAT 3125

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

31-Ga-69



46

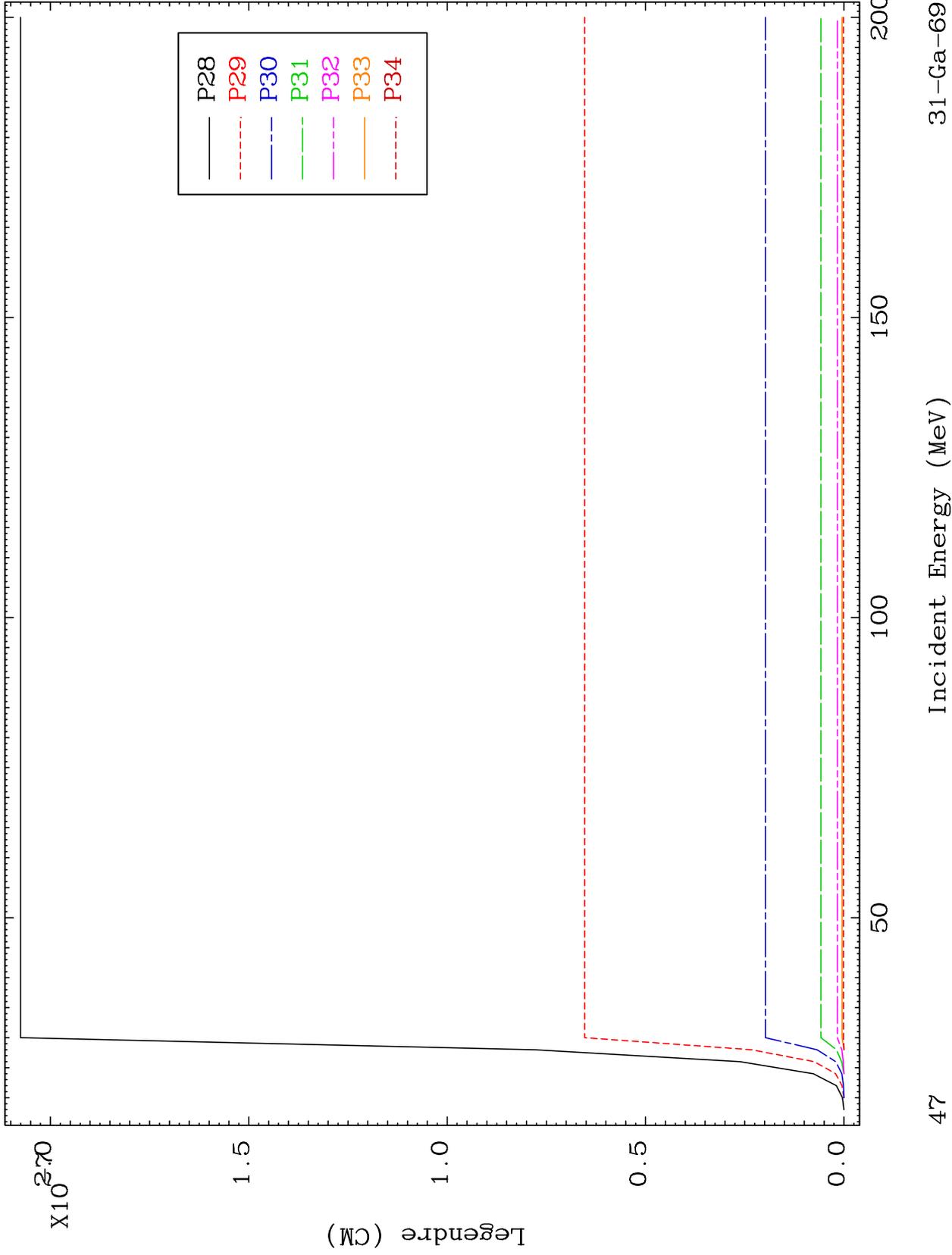
Incident Energy (MeV)

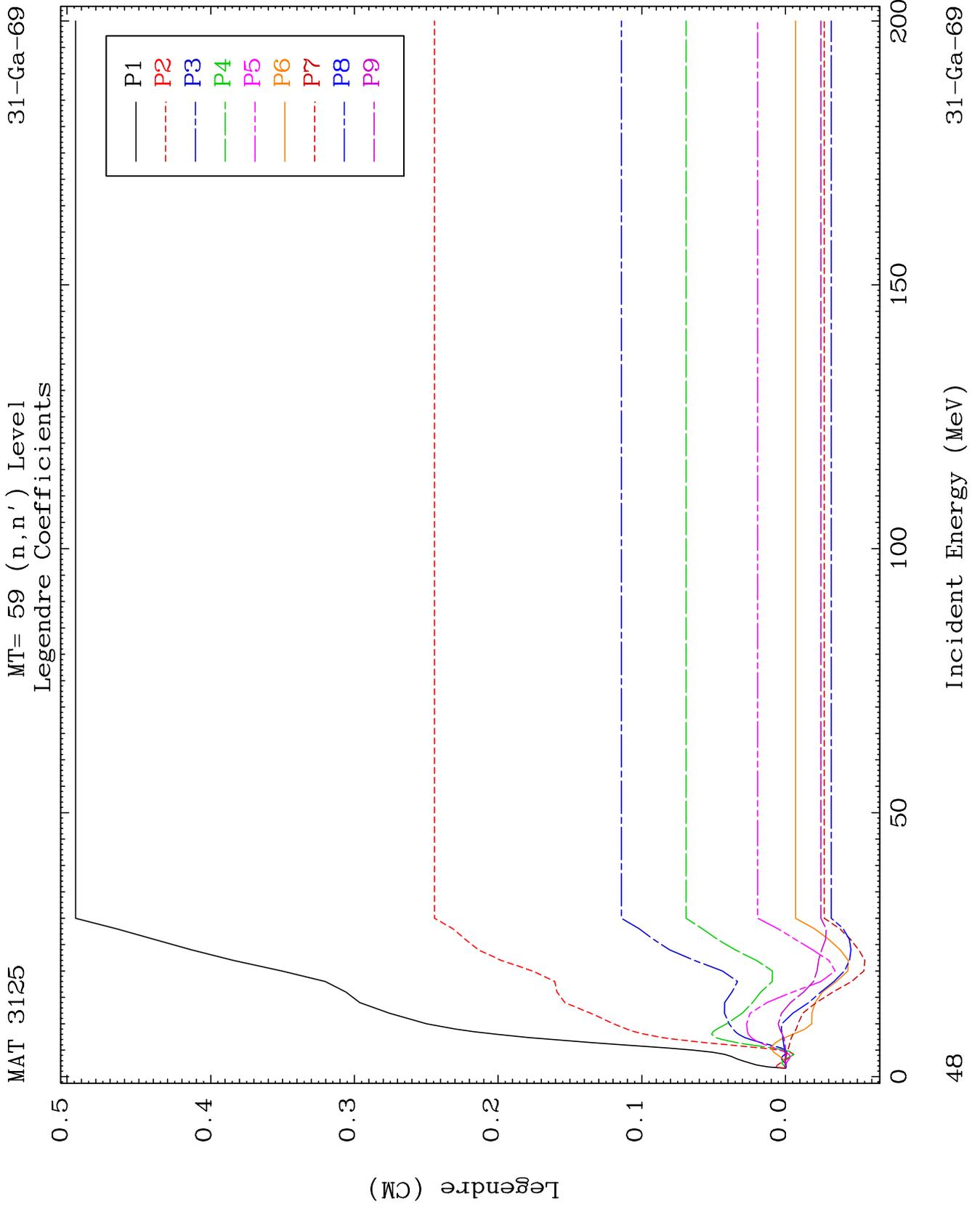
31-Ga-69

MAT 3125

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

31-Ga-69

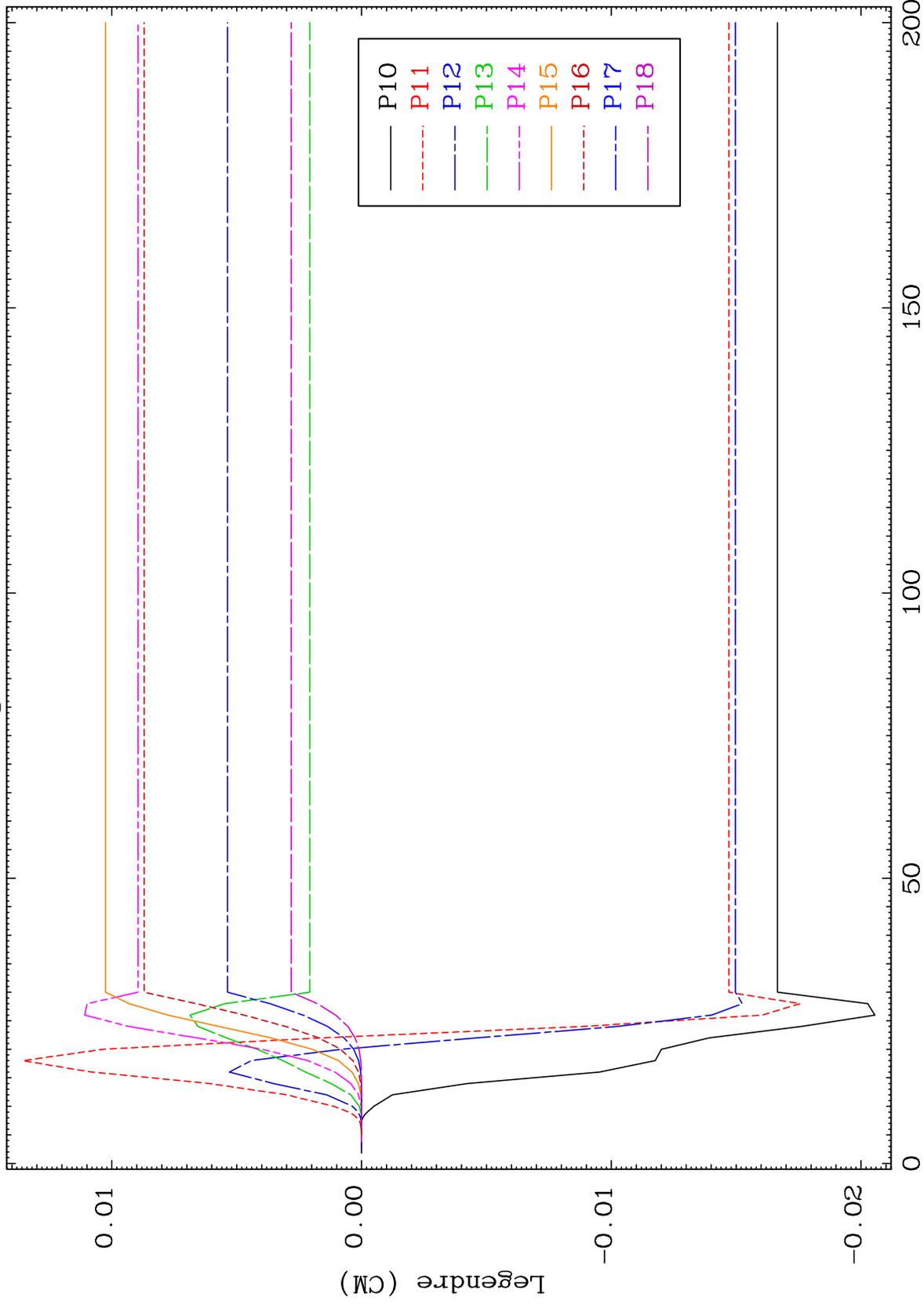




MAT 3125

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

31-Ga-69



49

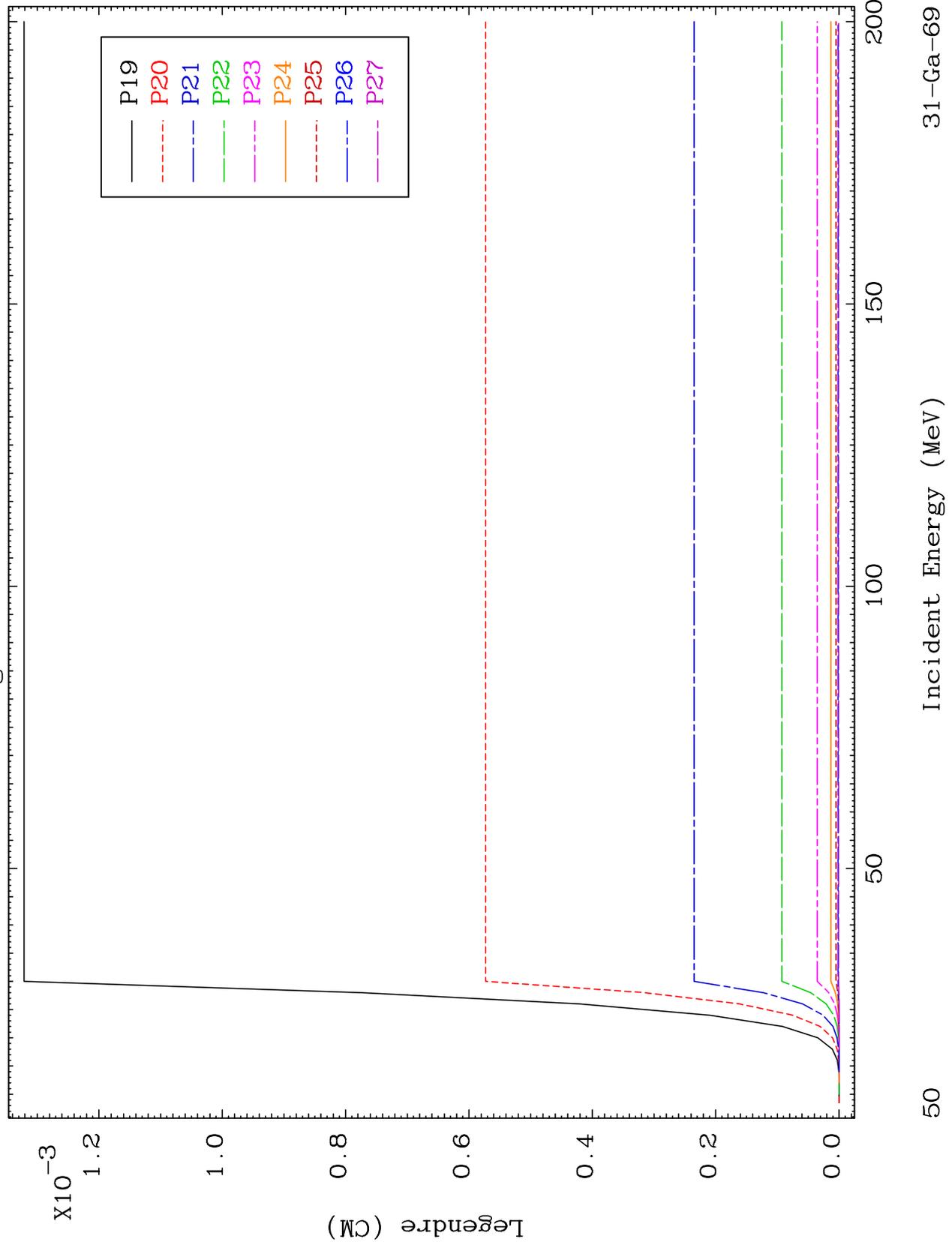
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



31-Ga-69

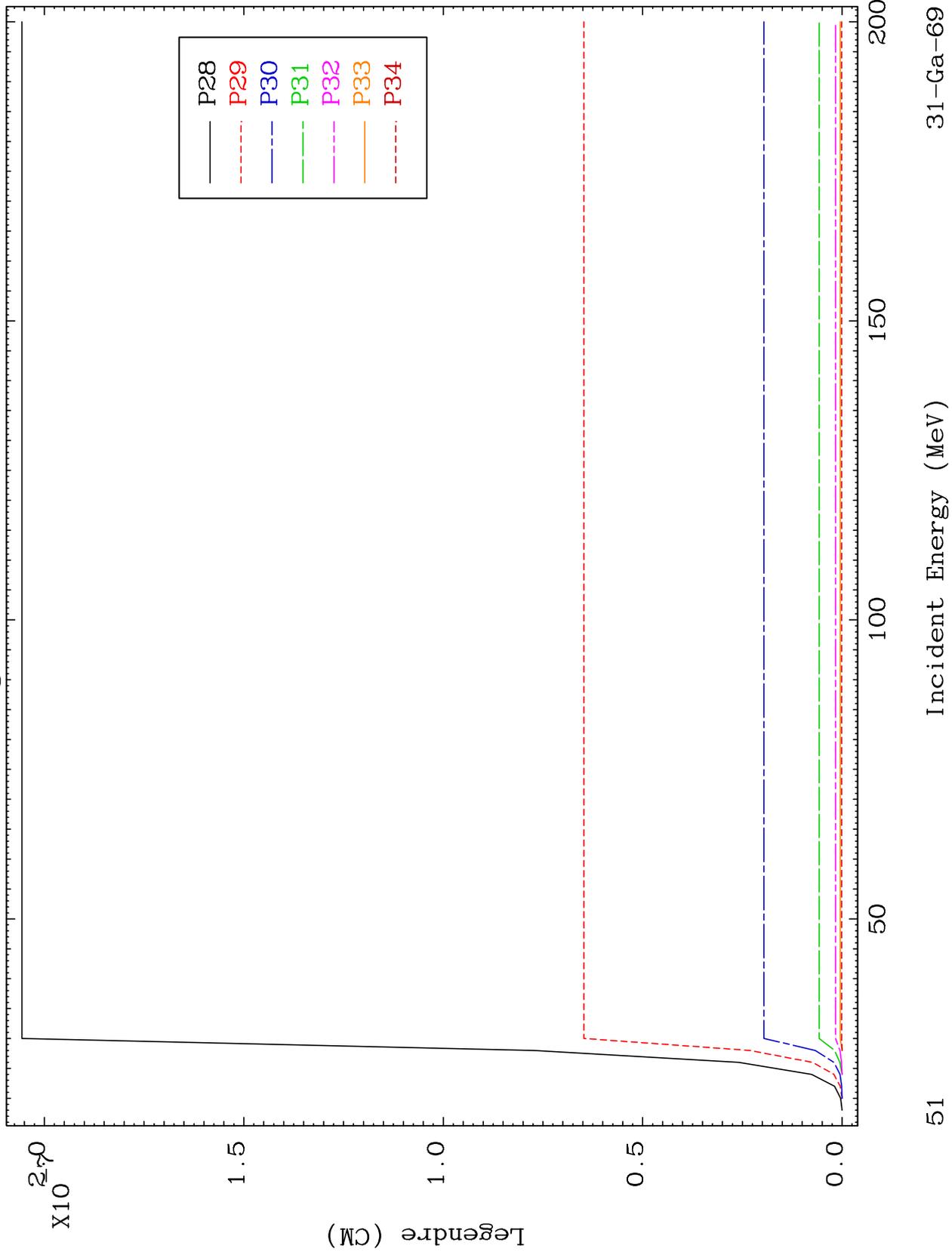
Incident Energy (MeV)

50

MAT 3125

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

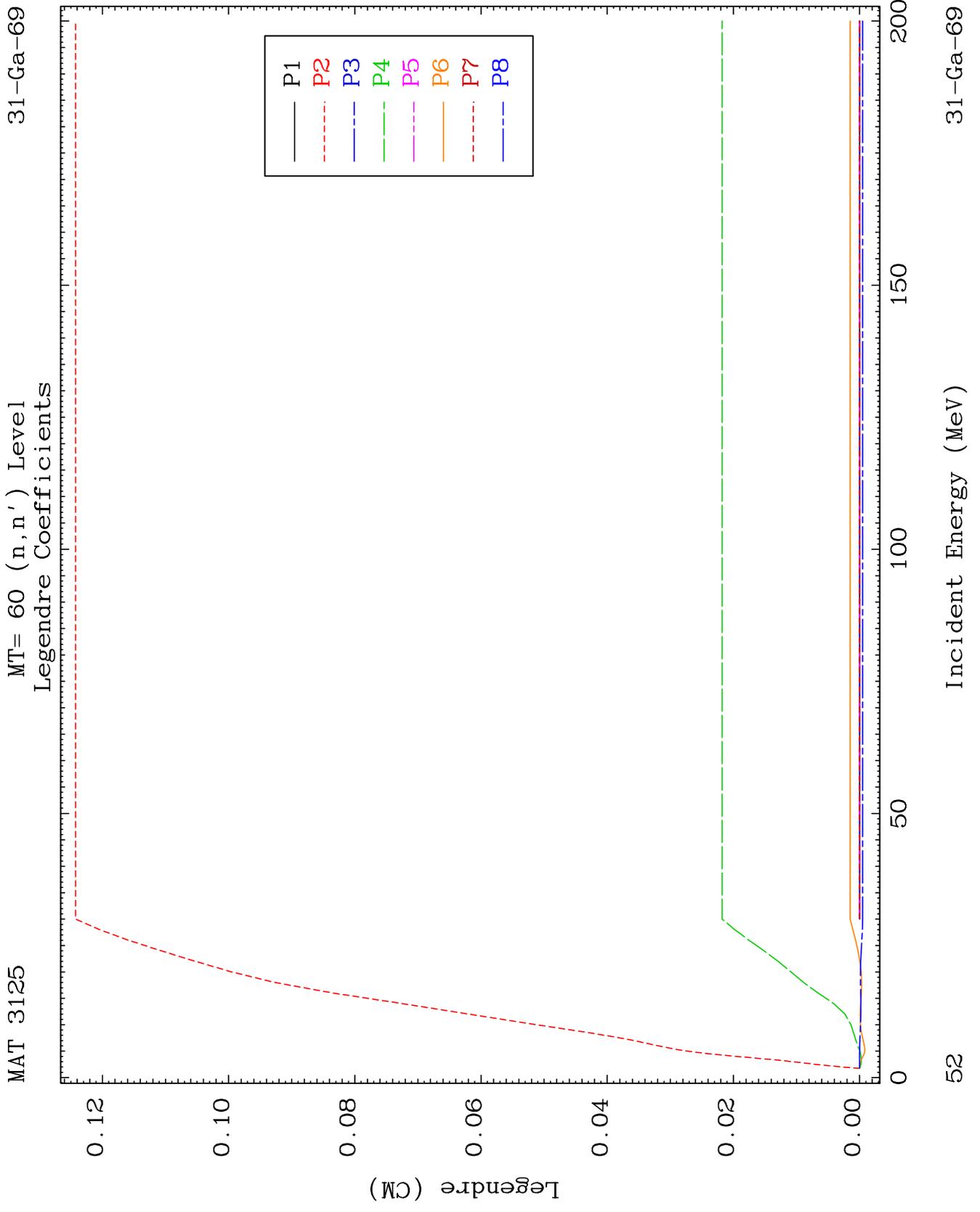
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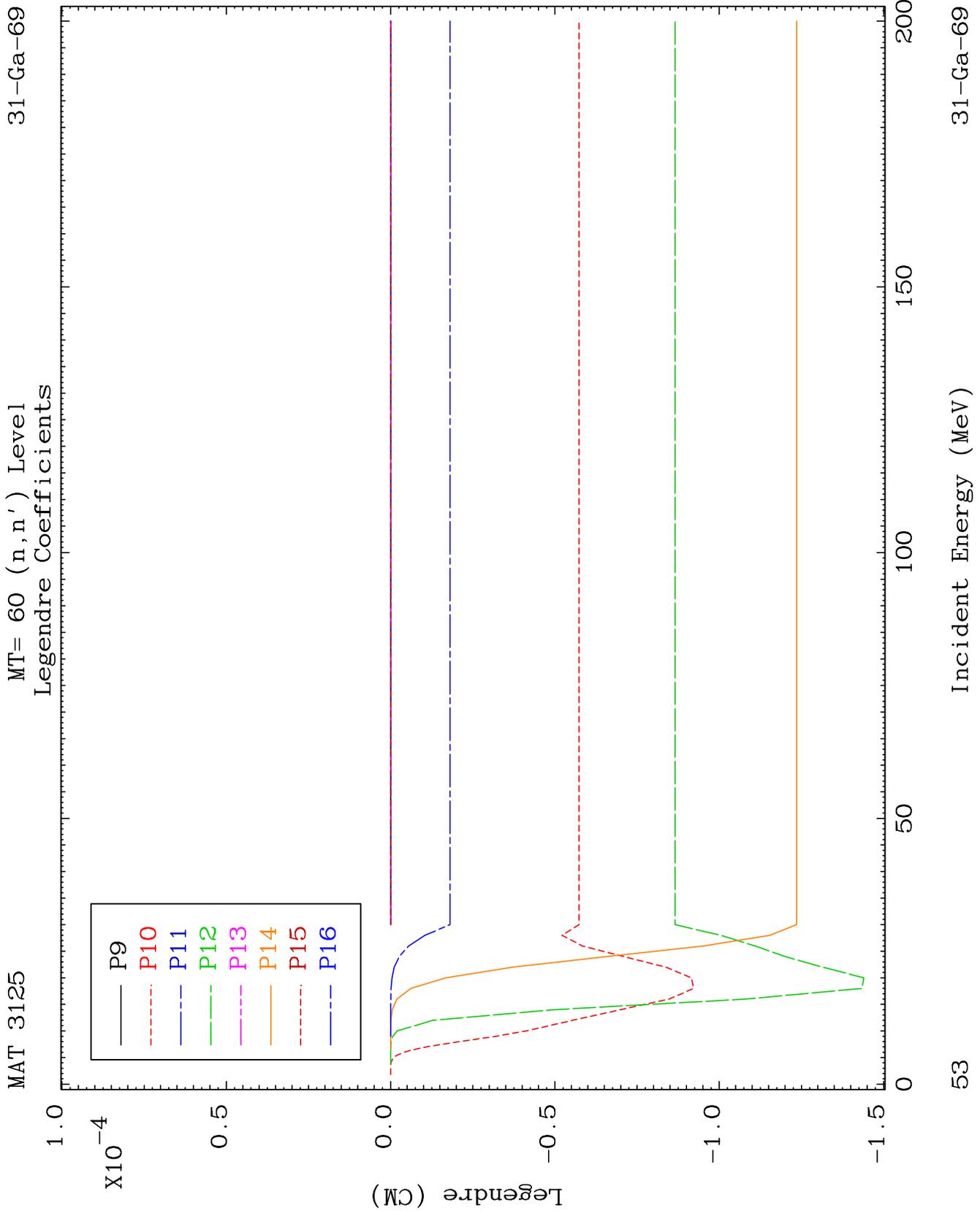


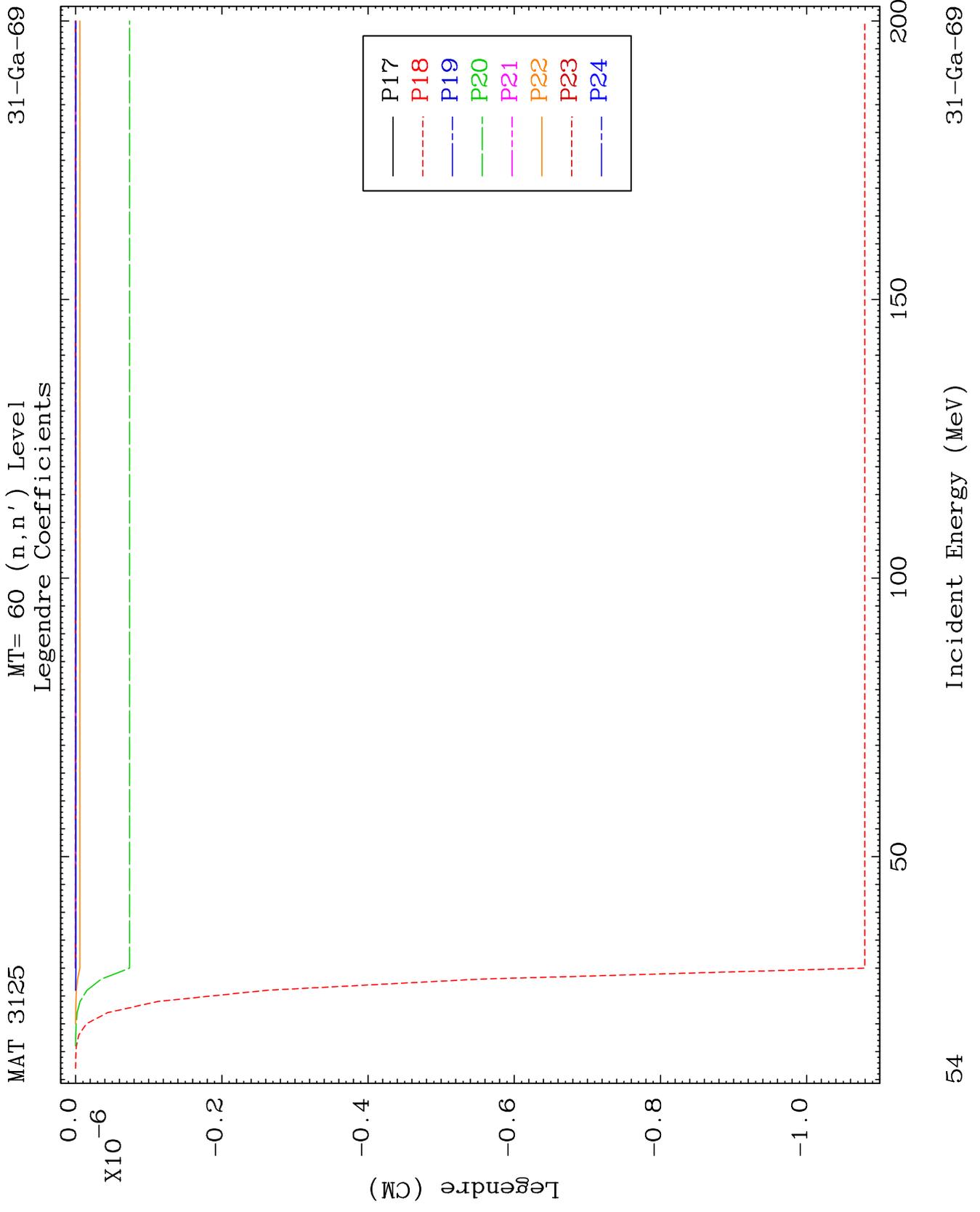
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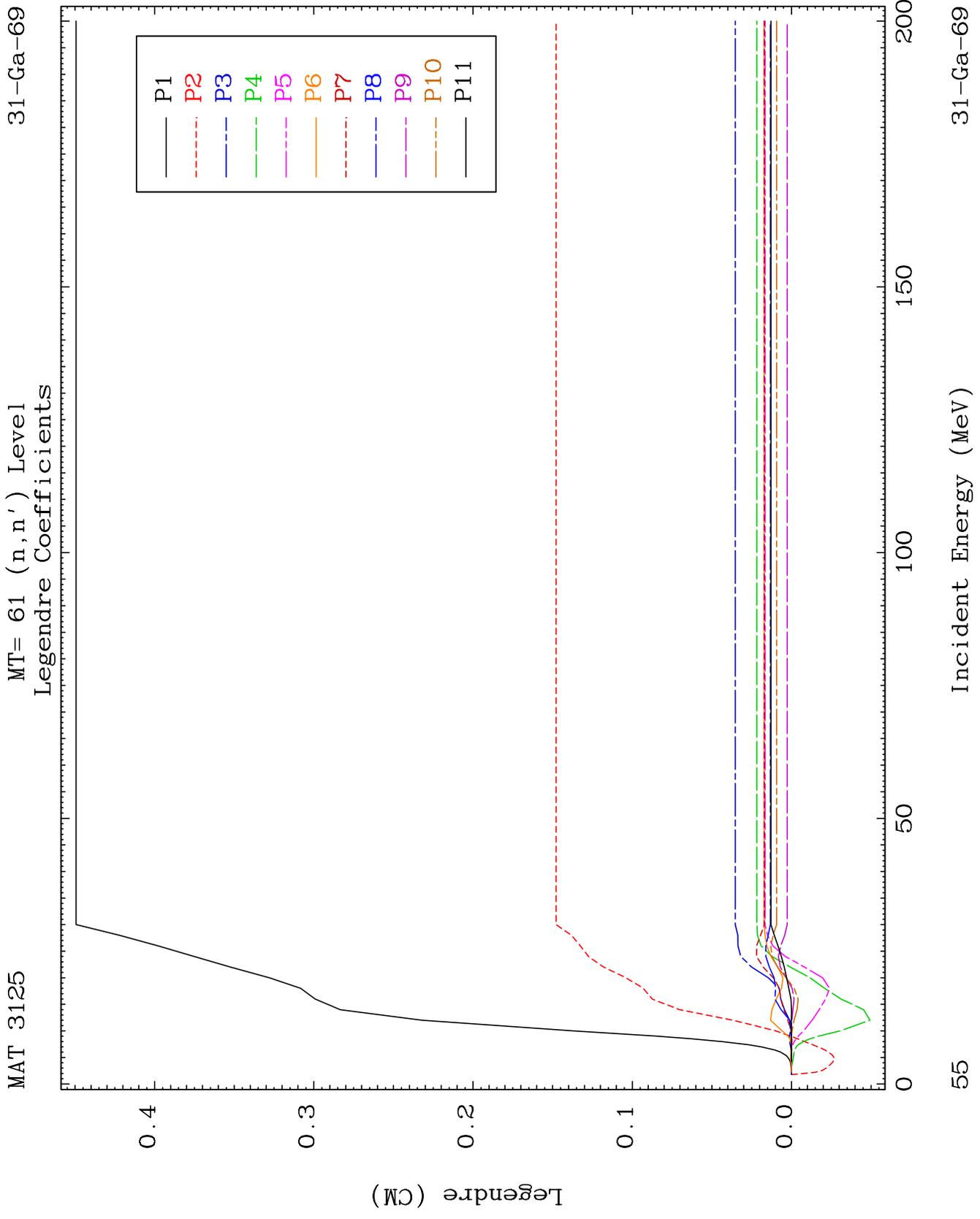
Incident Energy (MeV)

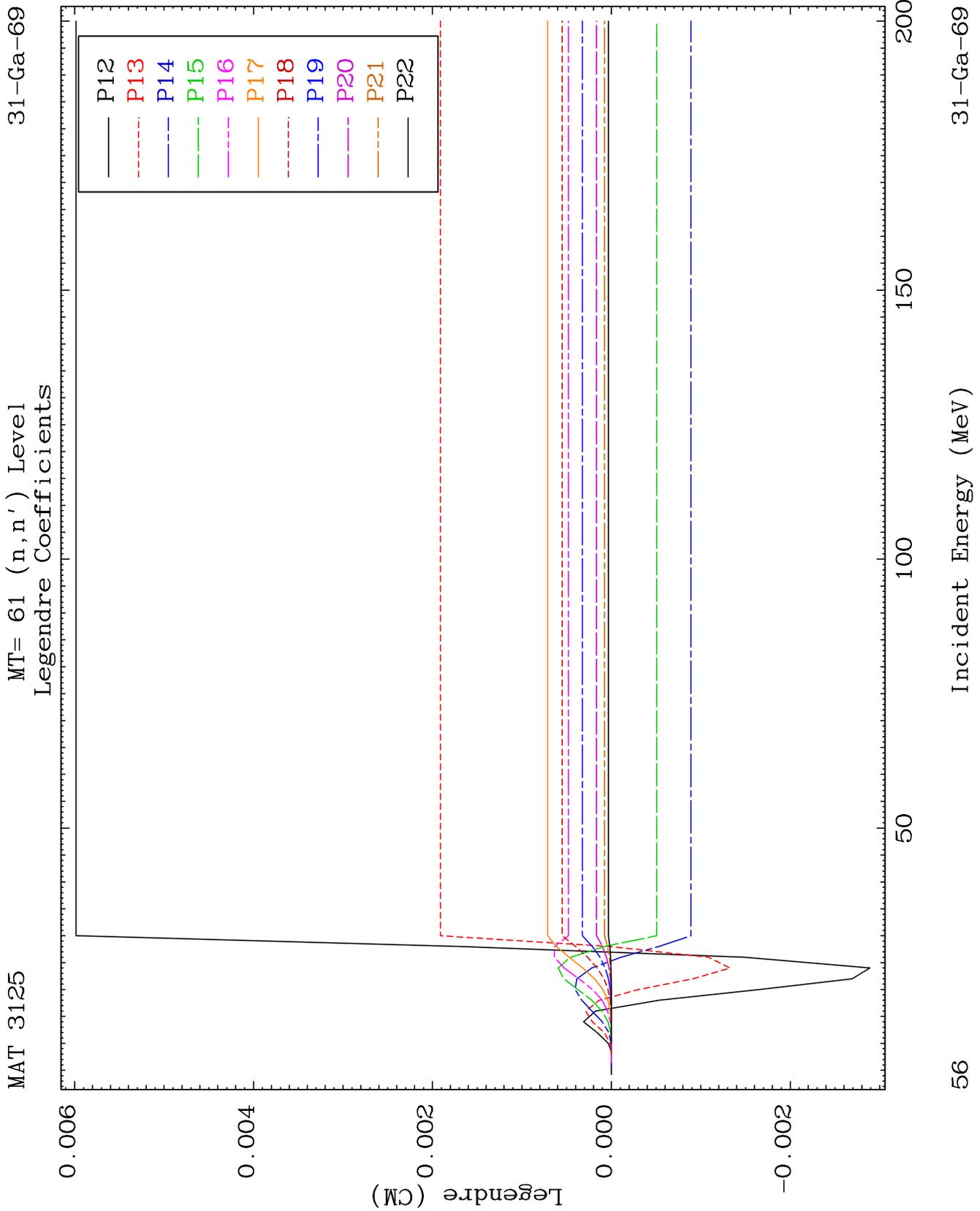
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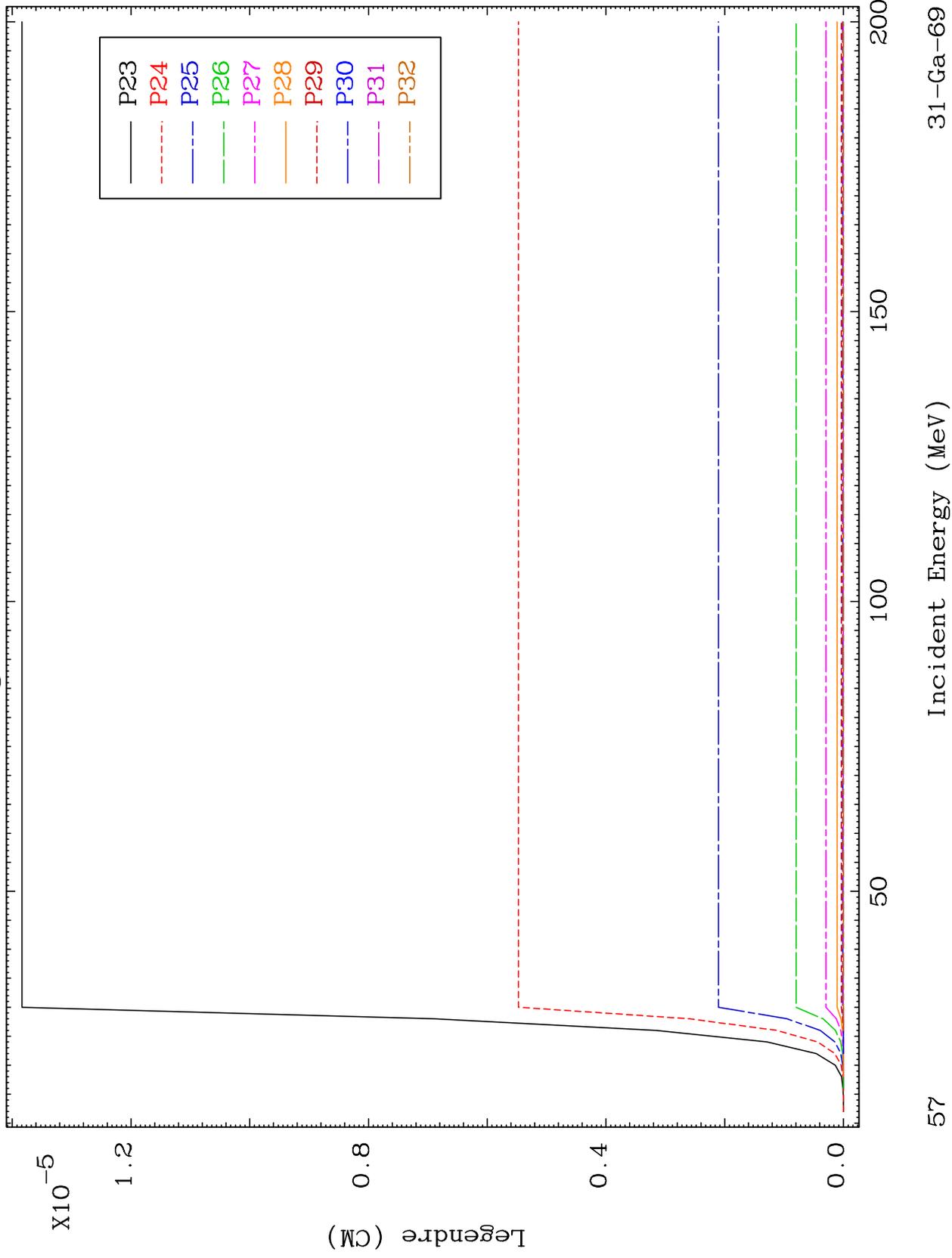




MAT 3125

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

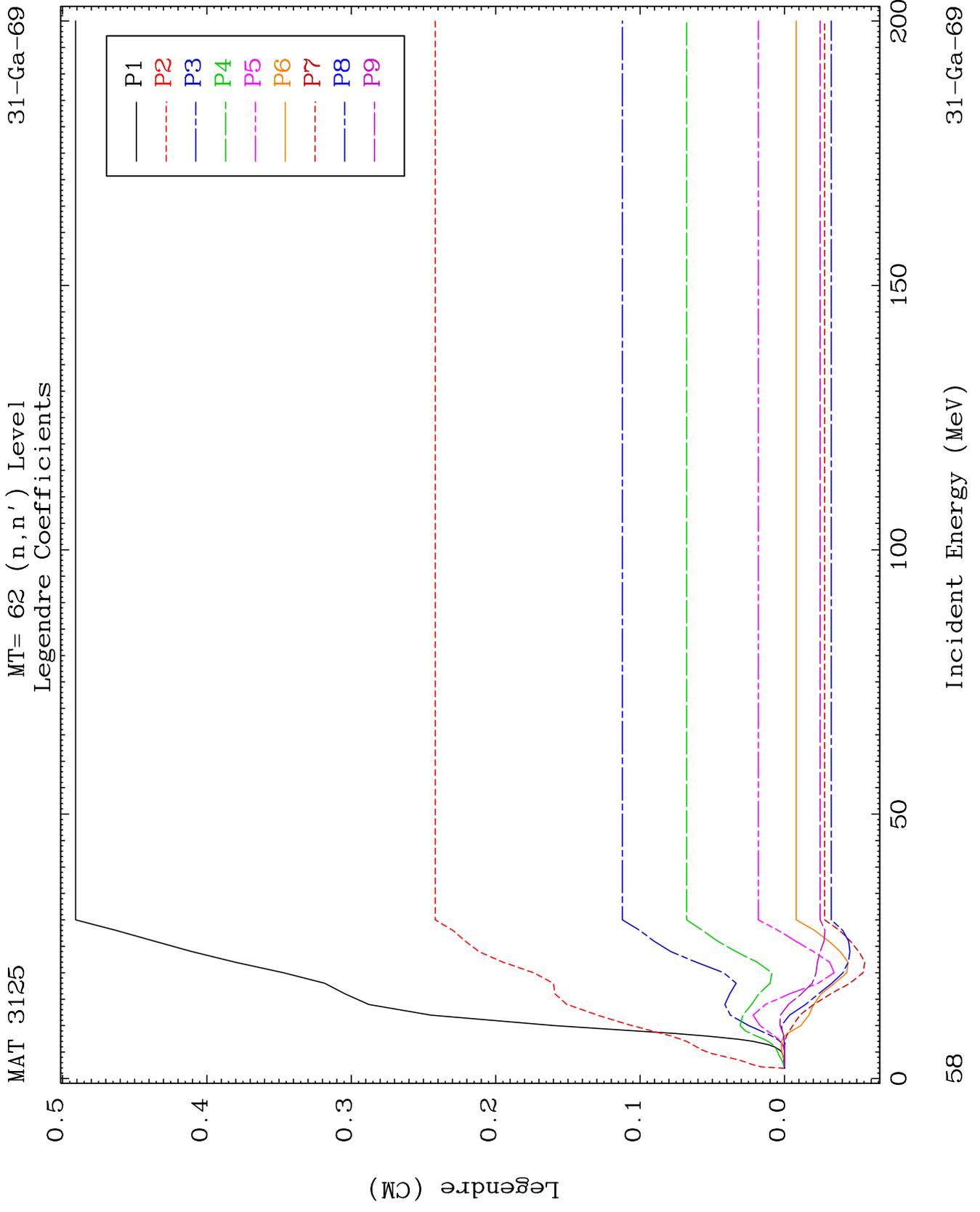
31-Ga-69



57

Incident Energy (MeV)

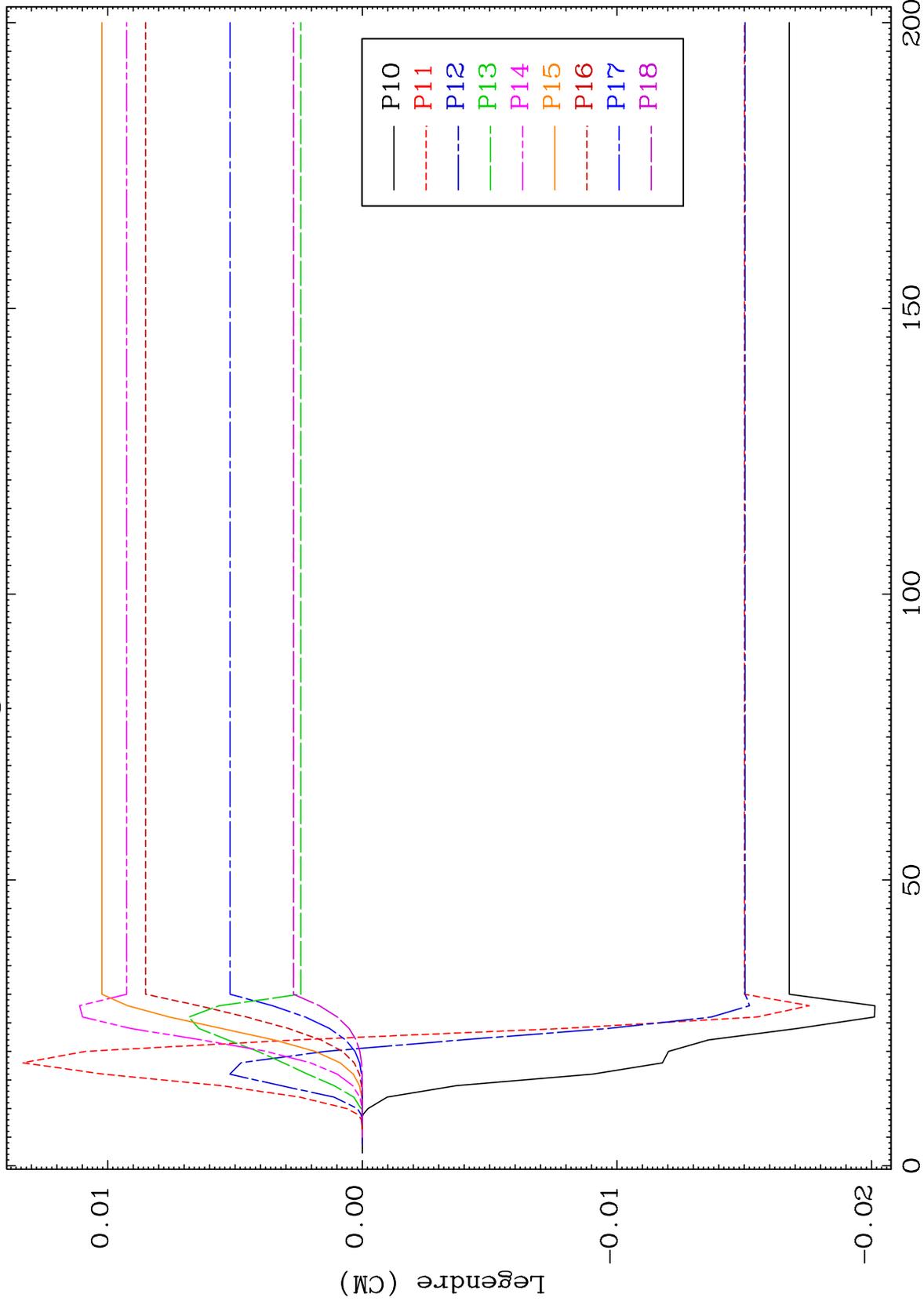
31-Ga-69



MAT 3125

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

31-Ga-69



59

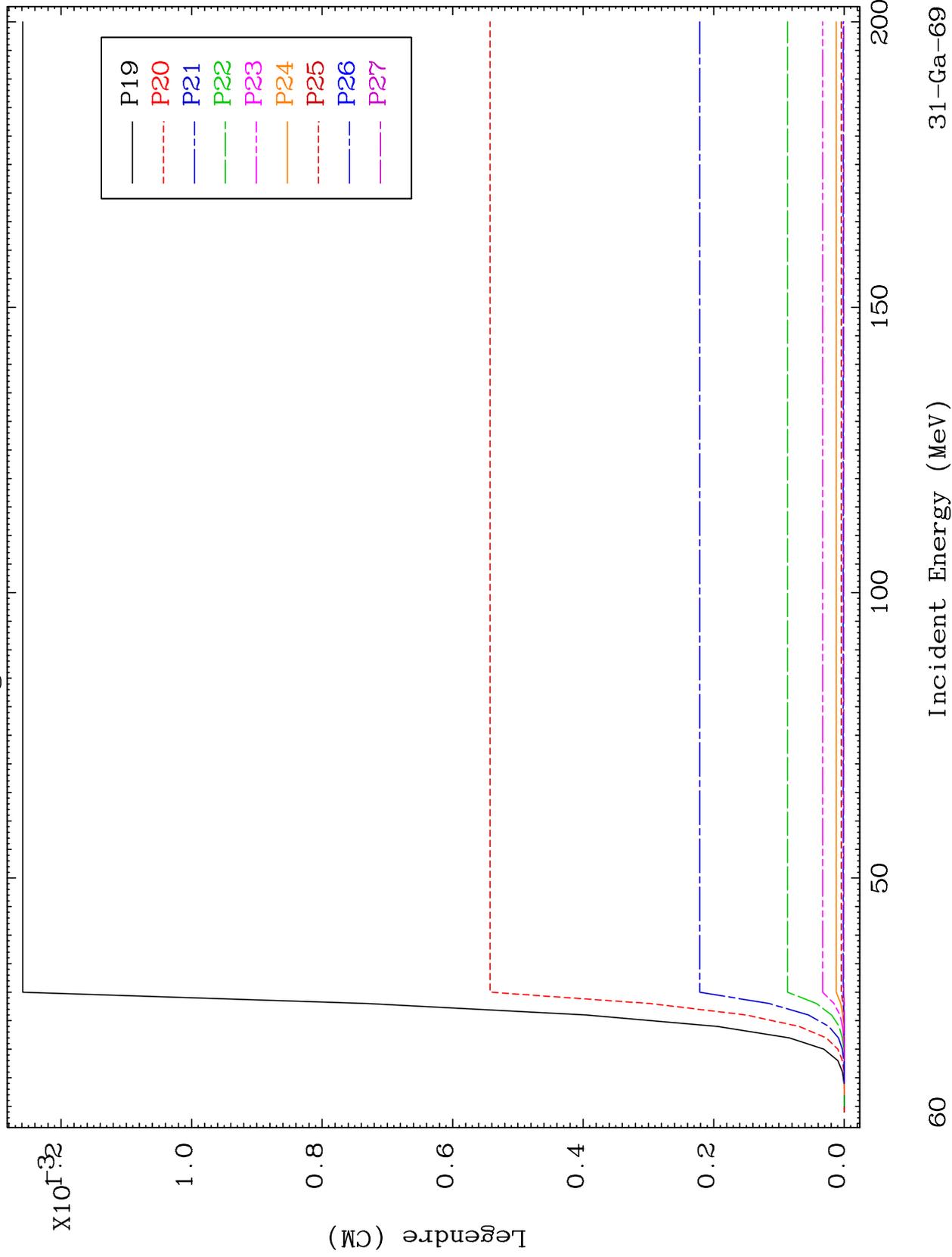
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

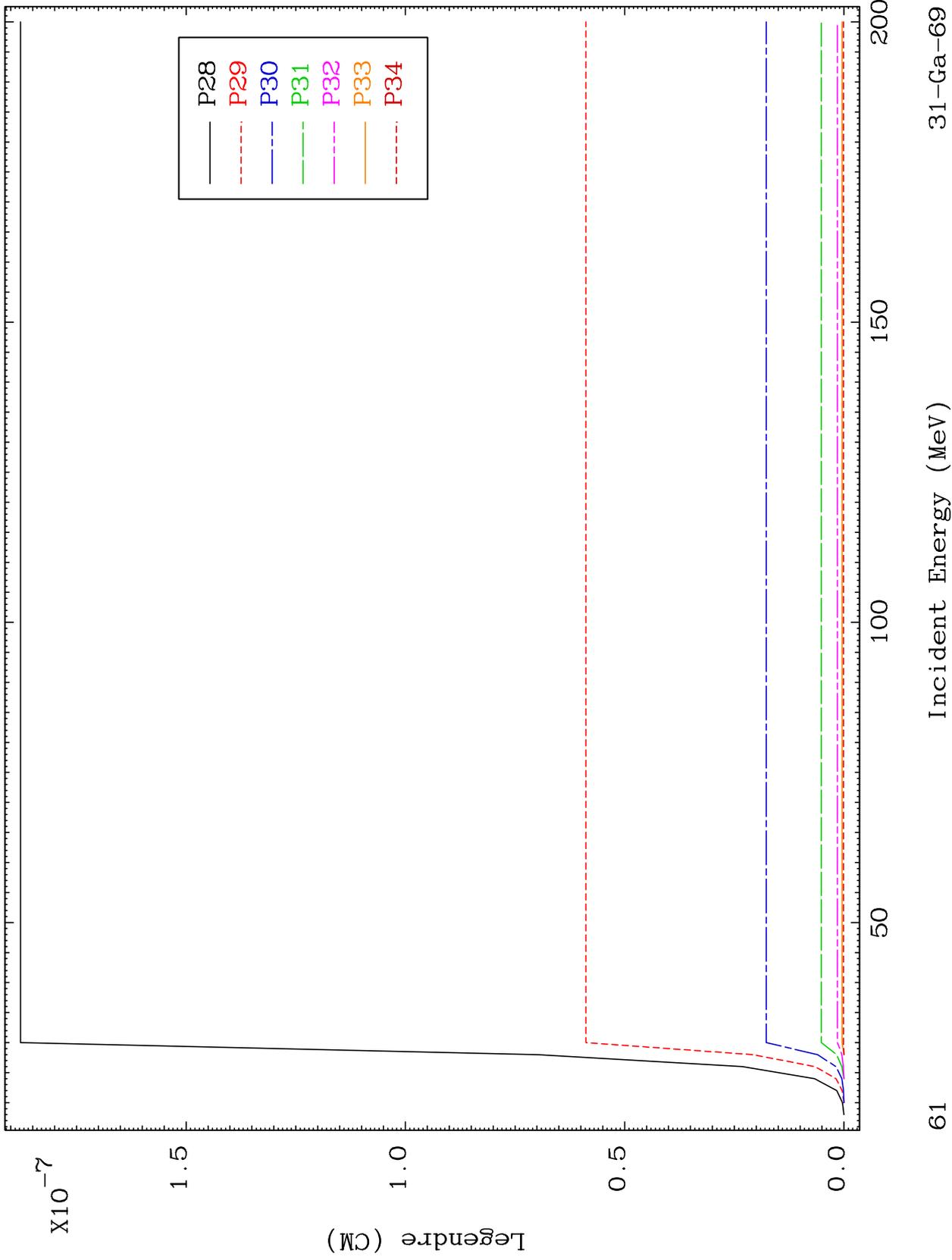
31-Ga-69



MAT 3125

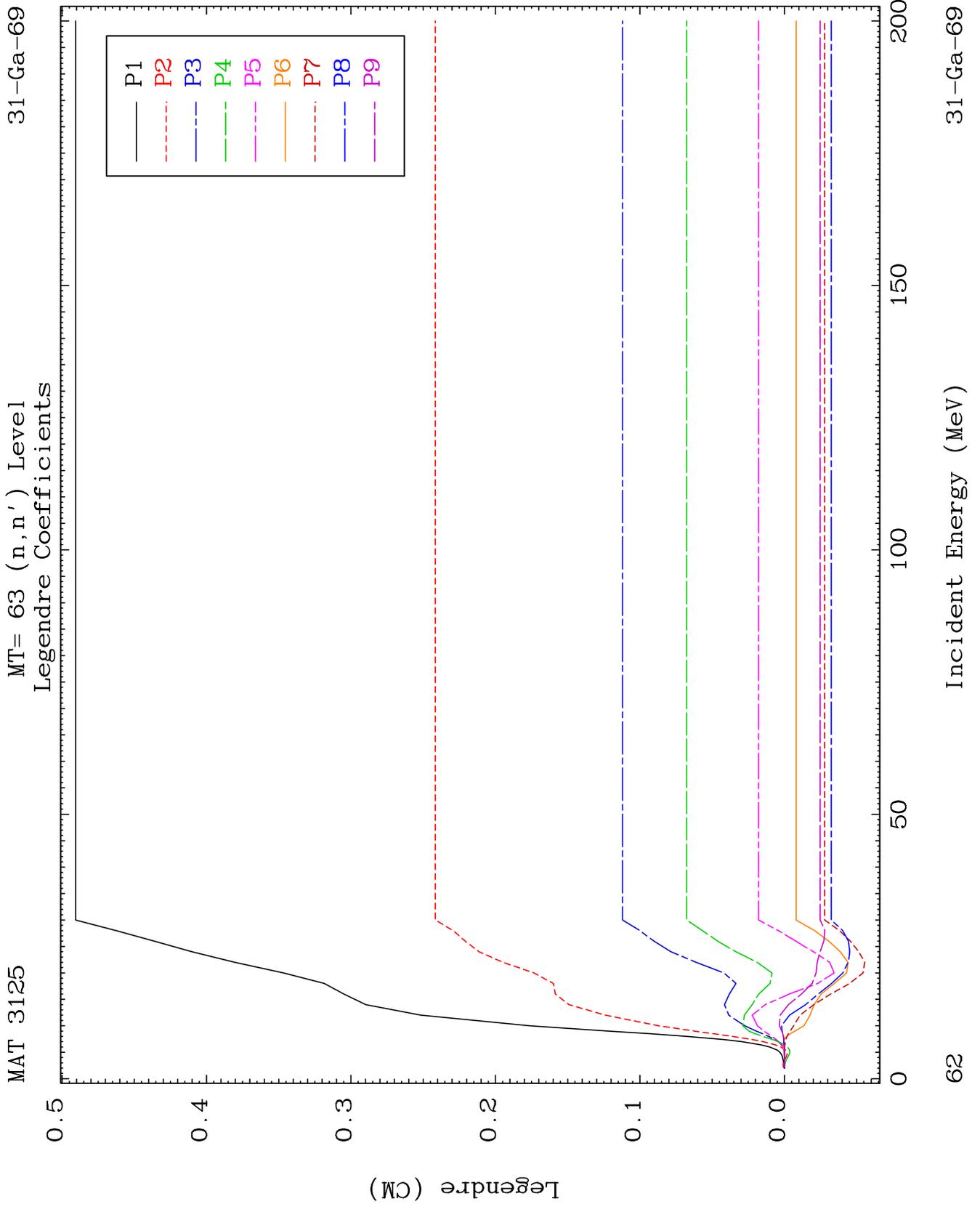
MT= 62 (n,n') Level
Legendre Coefficients

31-Ga-69



61

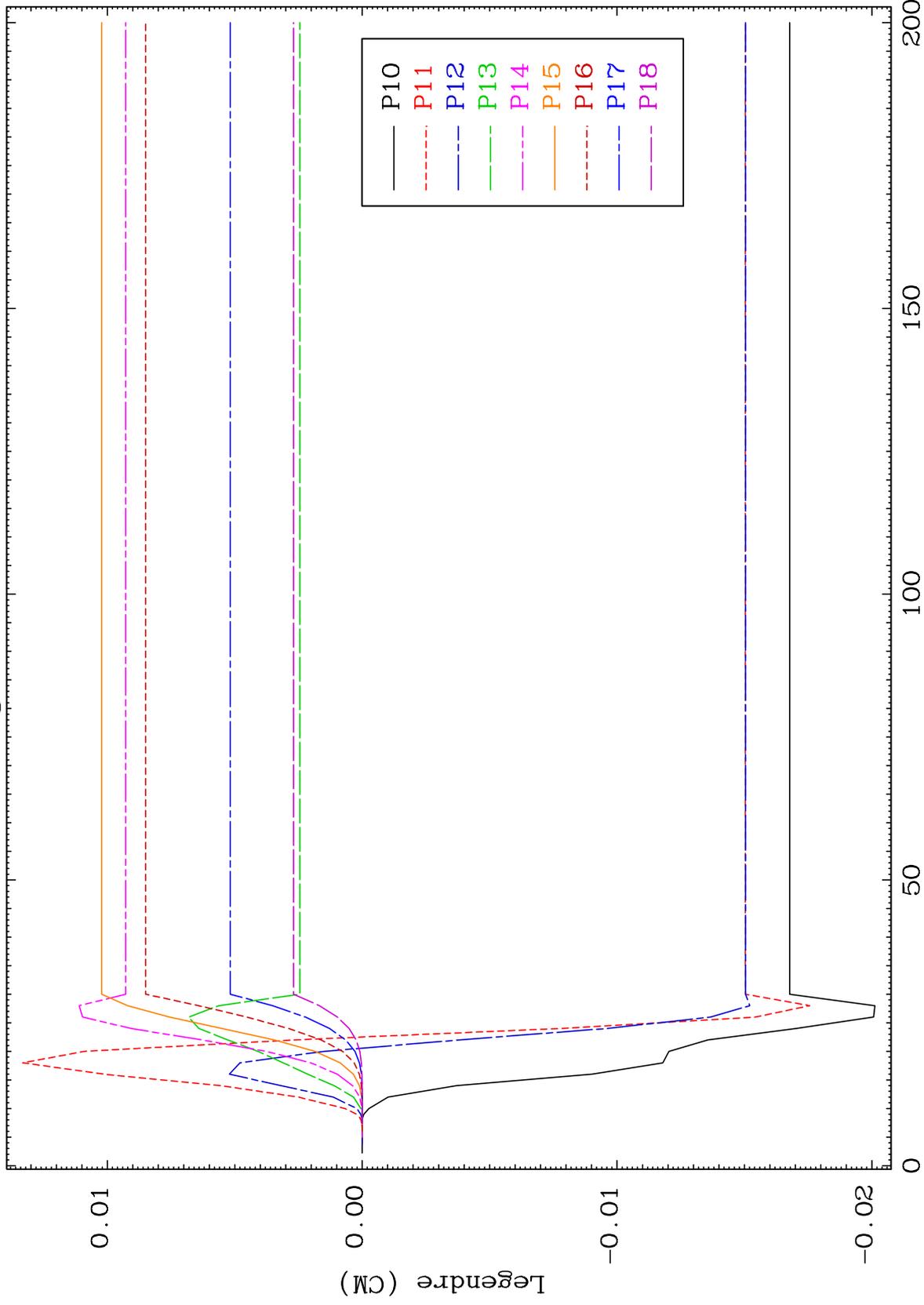
31-Ga-69



MAT 3125

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

31-Ga-69



63

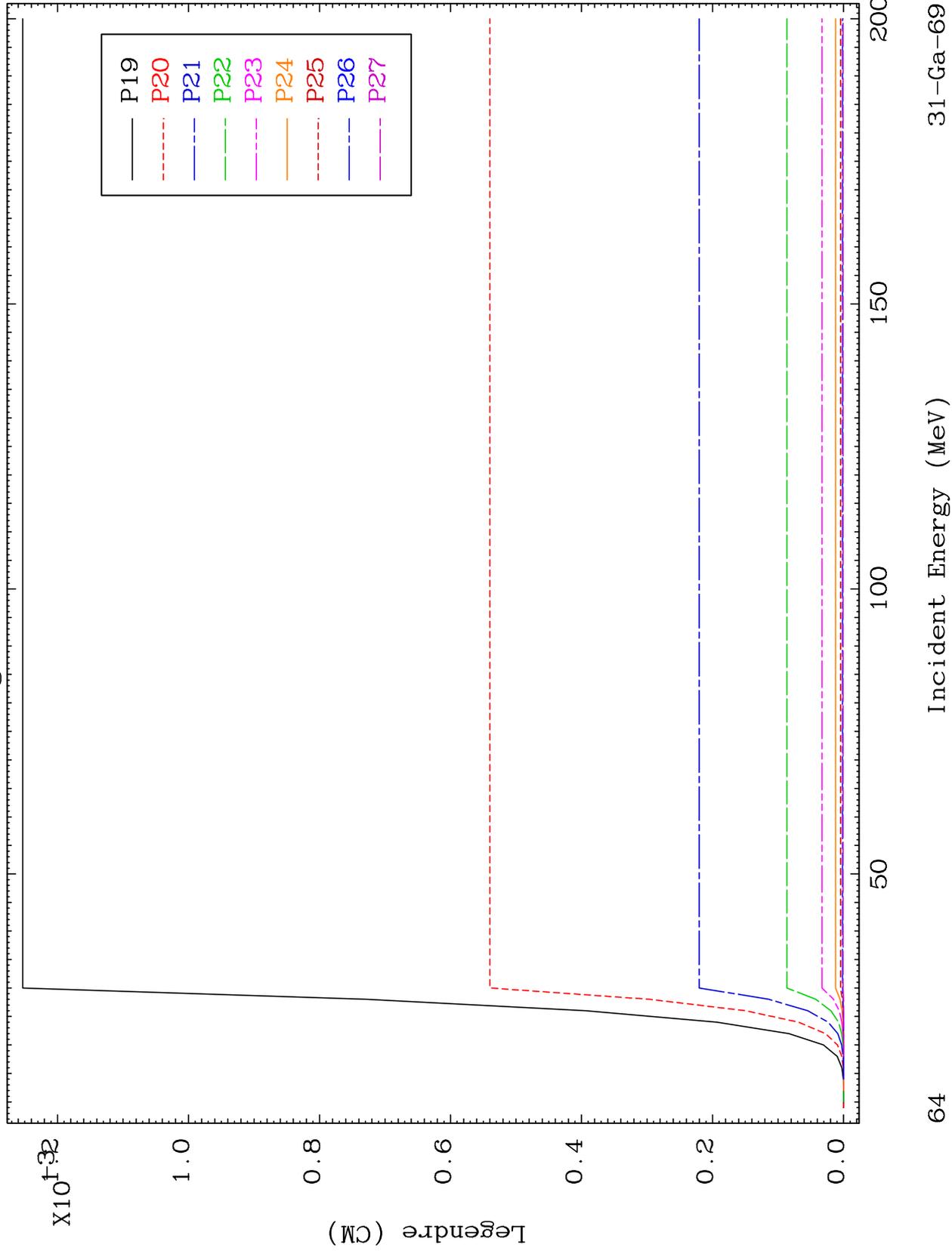
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



64

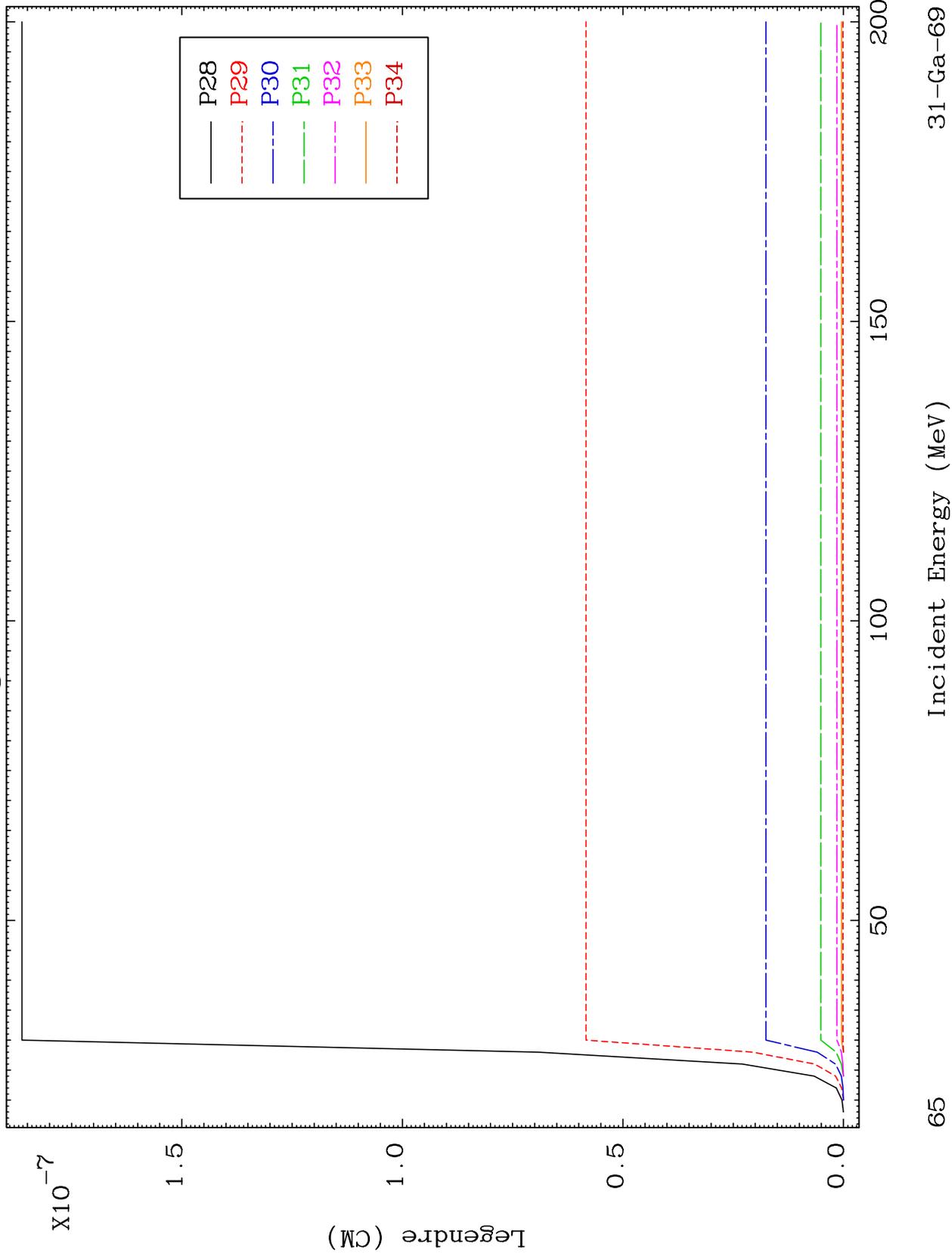
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

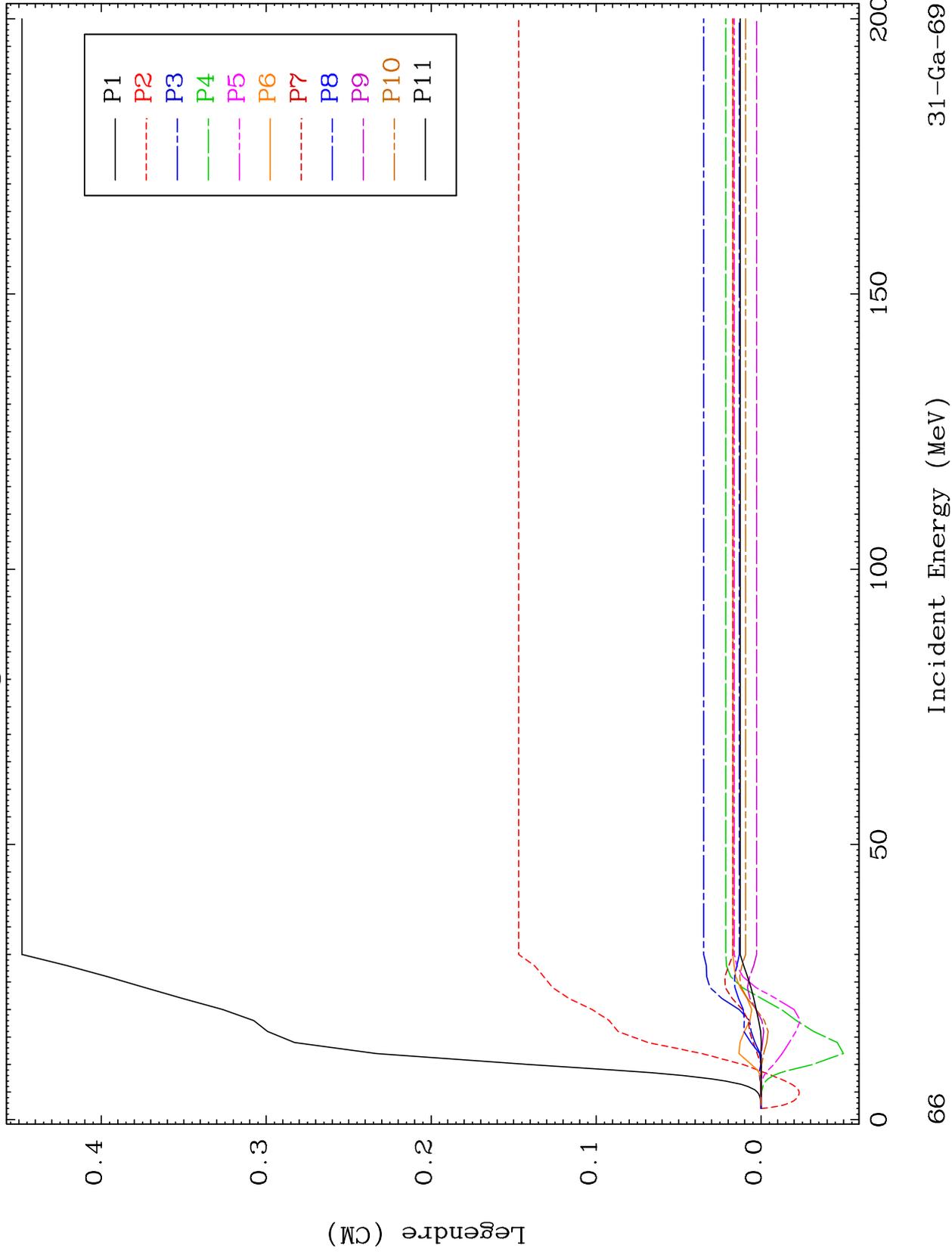
31-Ga-69



MAT 3125

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

31-Ga-69



31-Ga-69

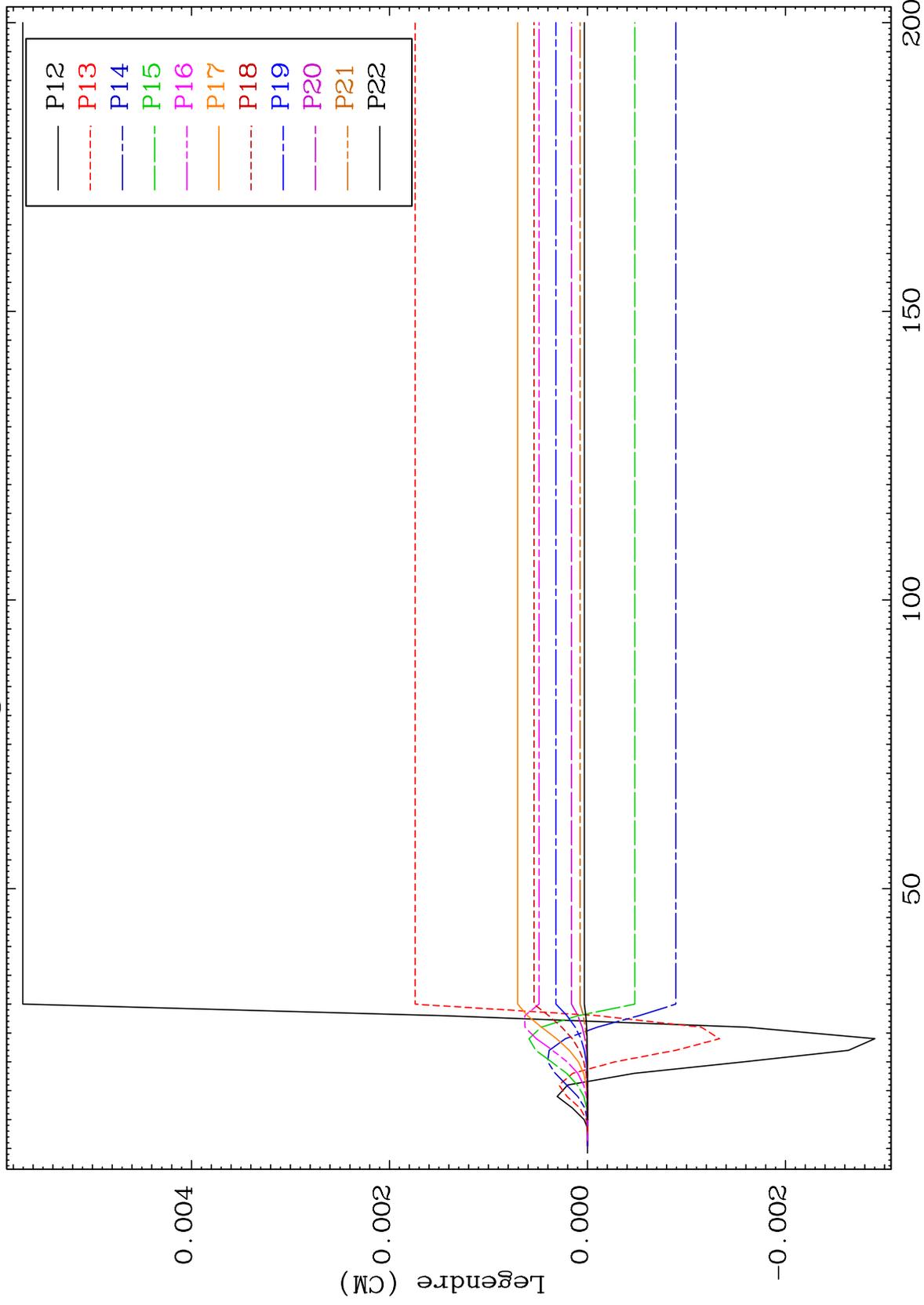
Incident Energy (MeV)

66

MAT 3125

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

31-Ga-69



67

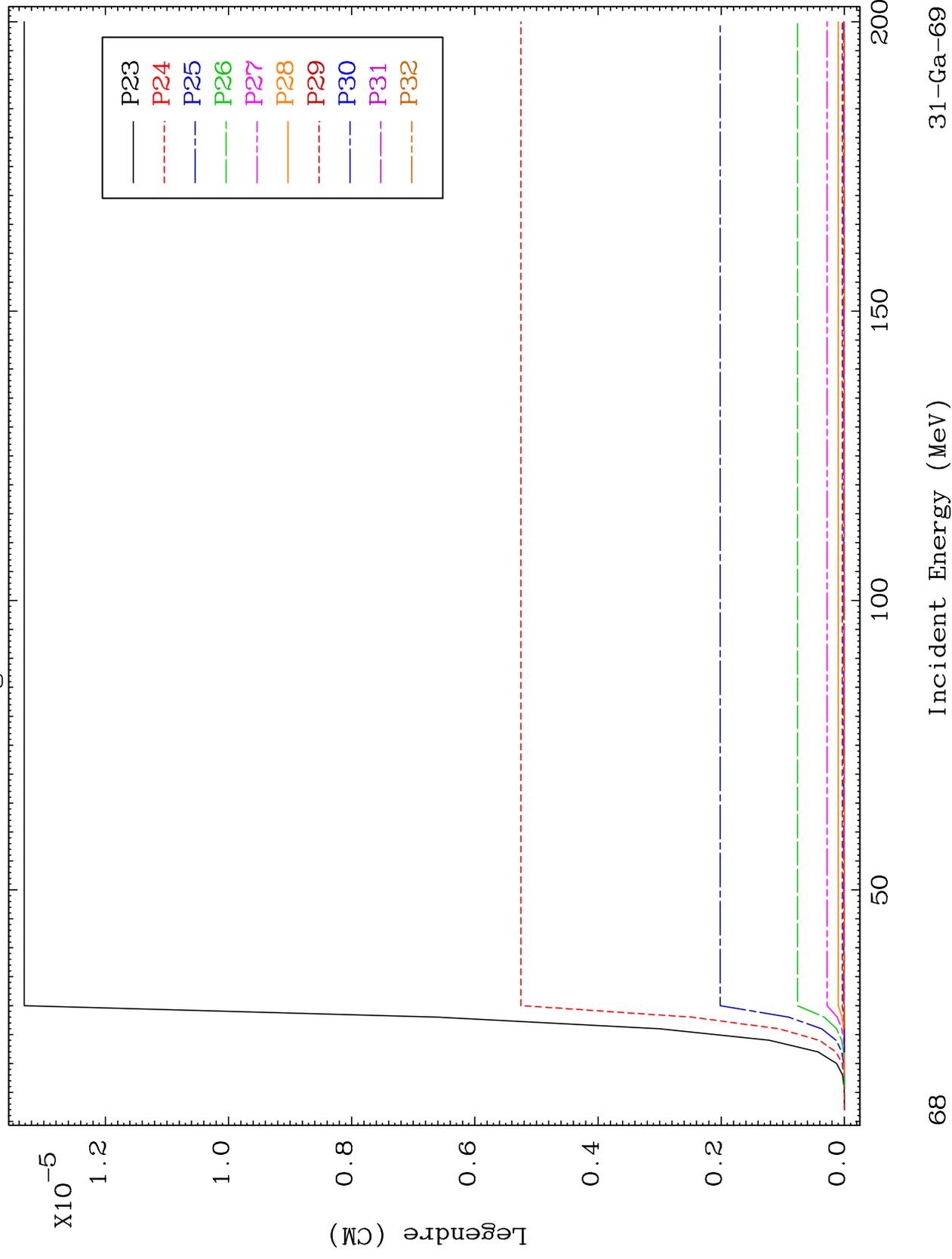
Incident Energy (MeV)

31-Ga-69

MAT 3125

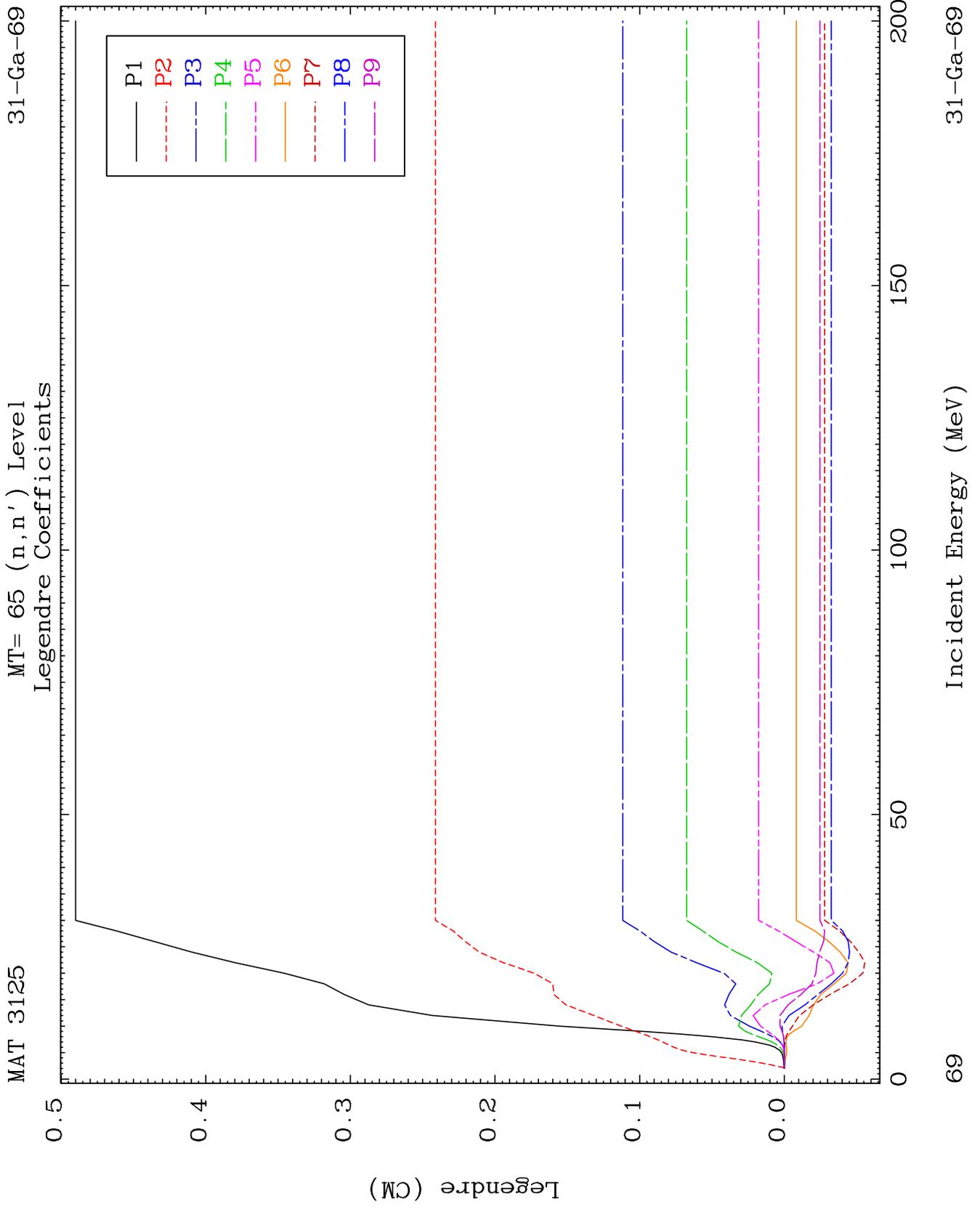
MT= 64 (n,n') Level
Legendre Coefficients

31-Ga-69



68

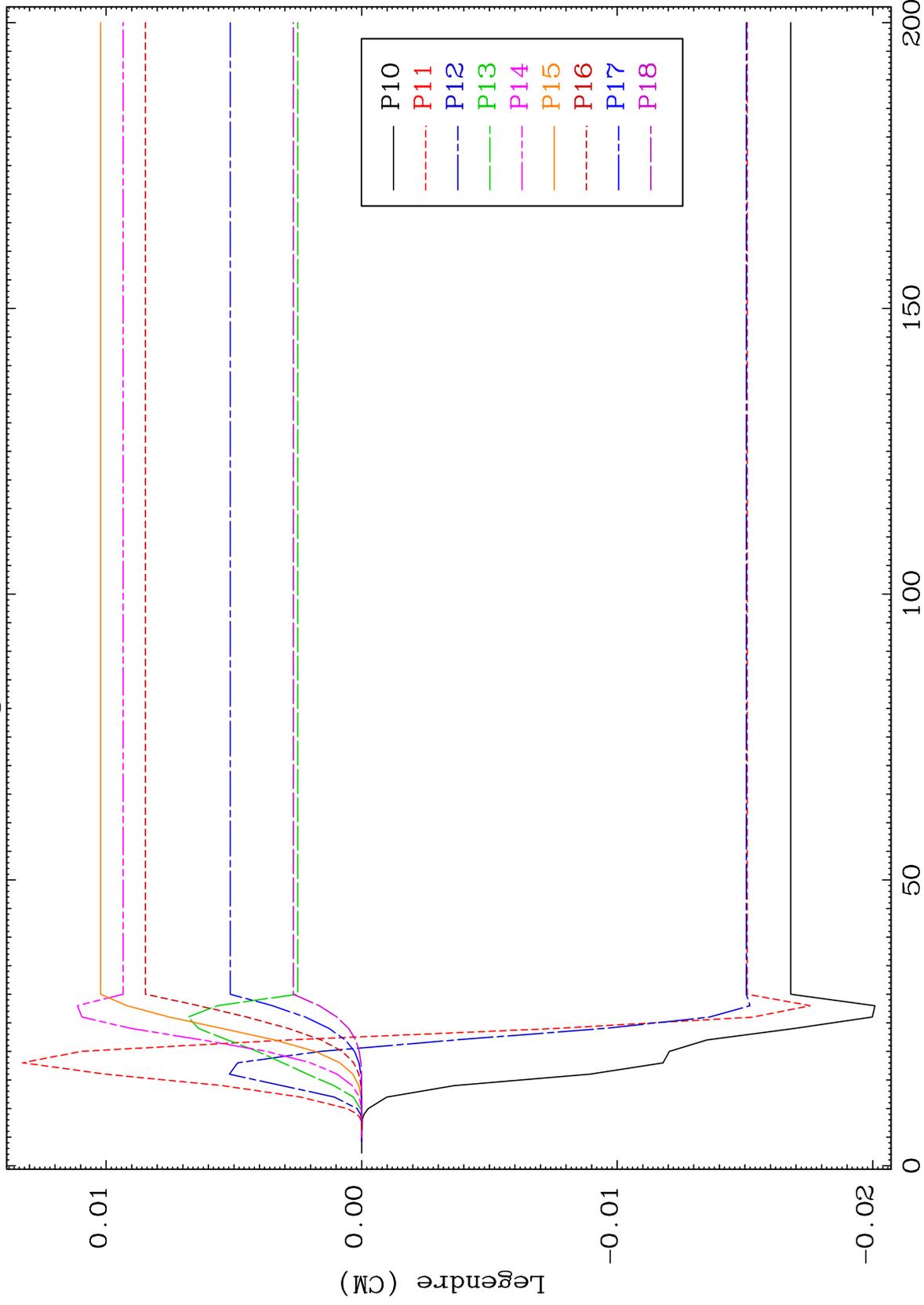
31-Ga-69



MAT 3125

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

31-Ga-69



70

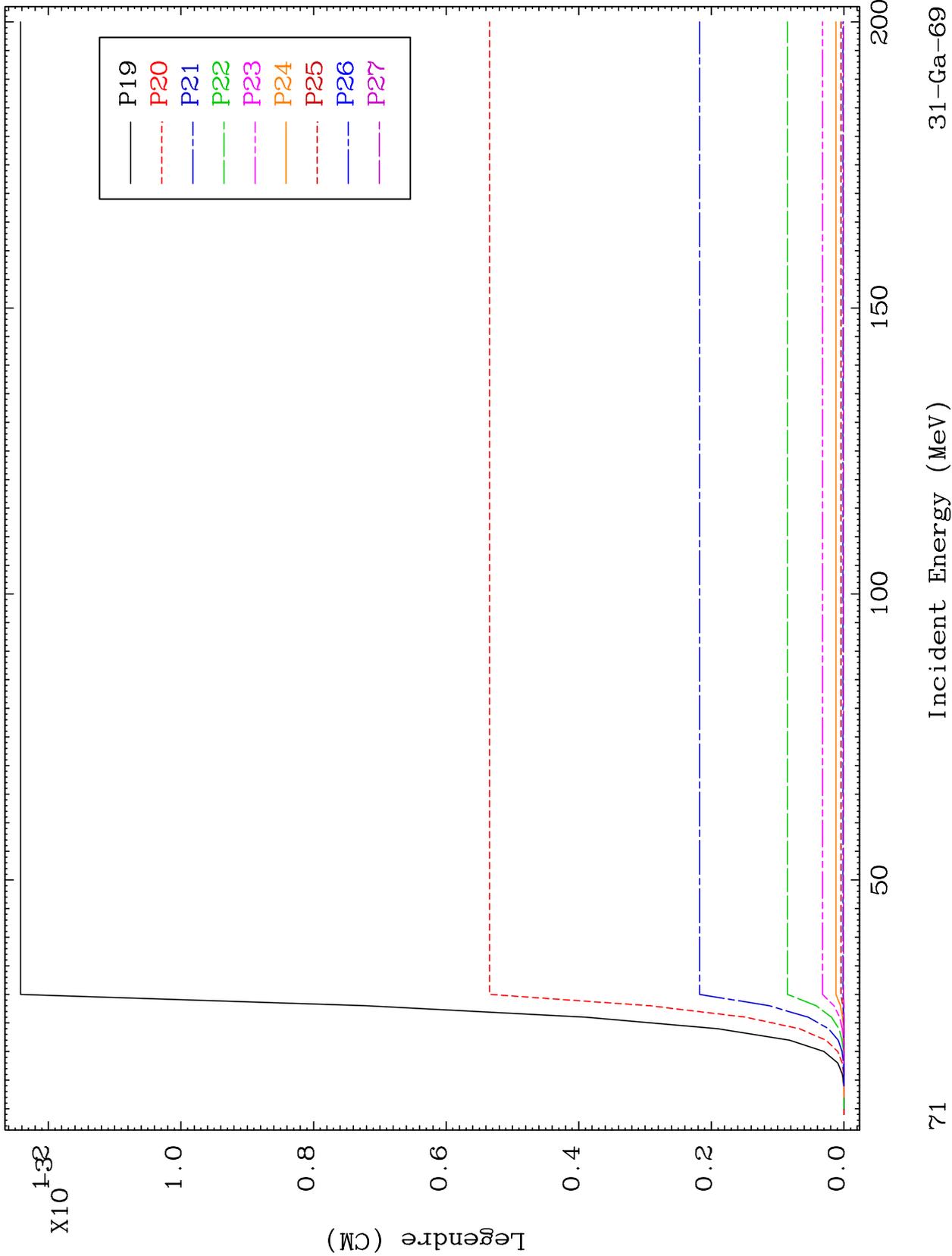
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



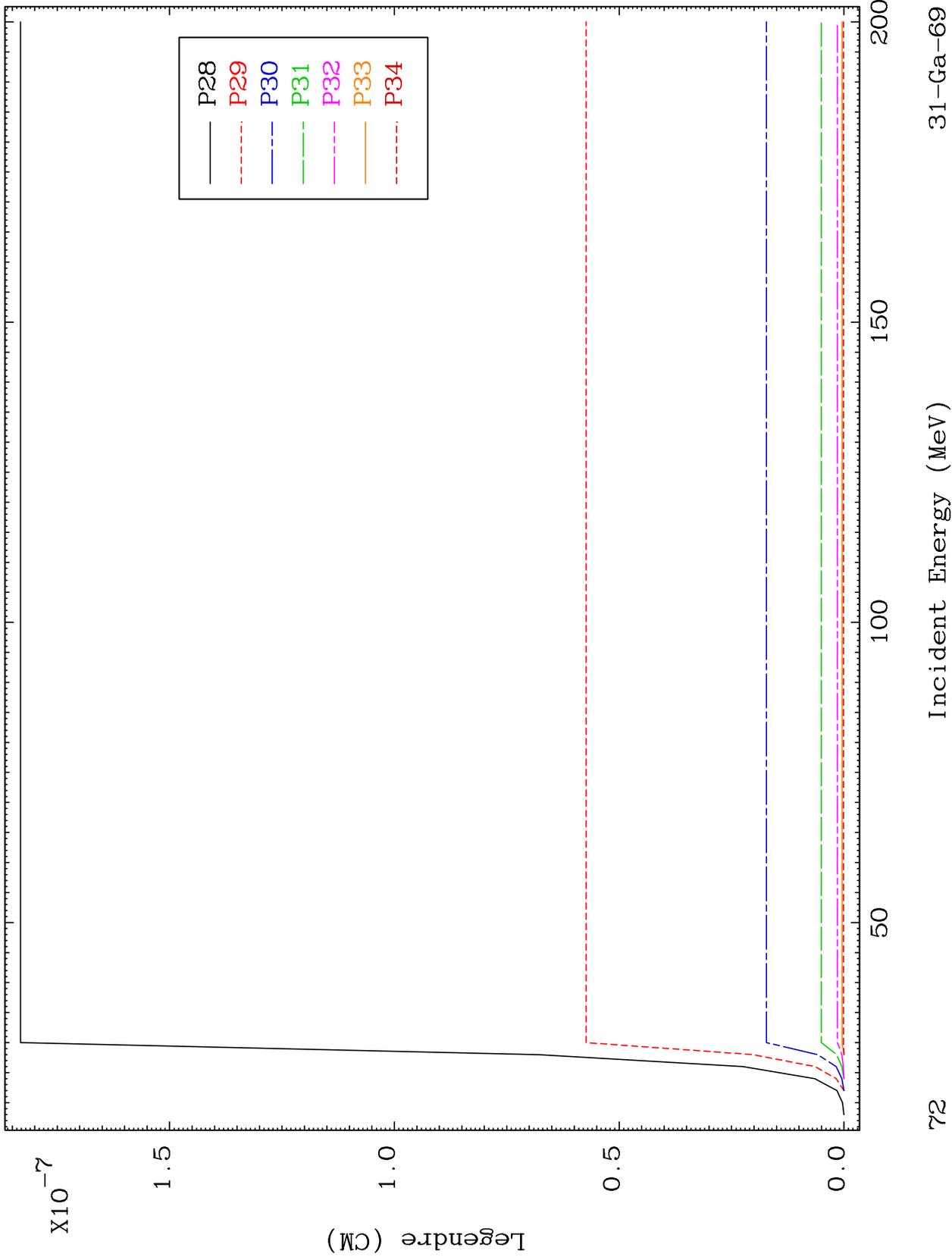
71

31-Ga-69

MAT 3125

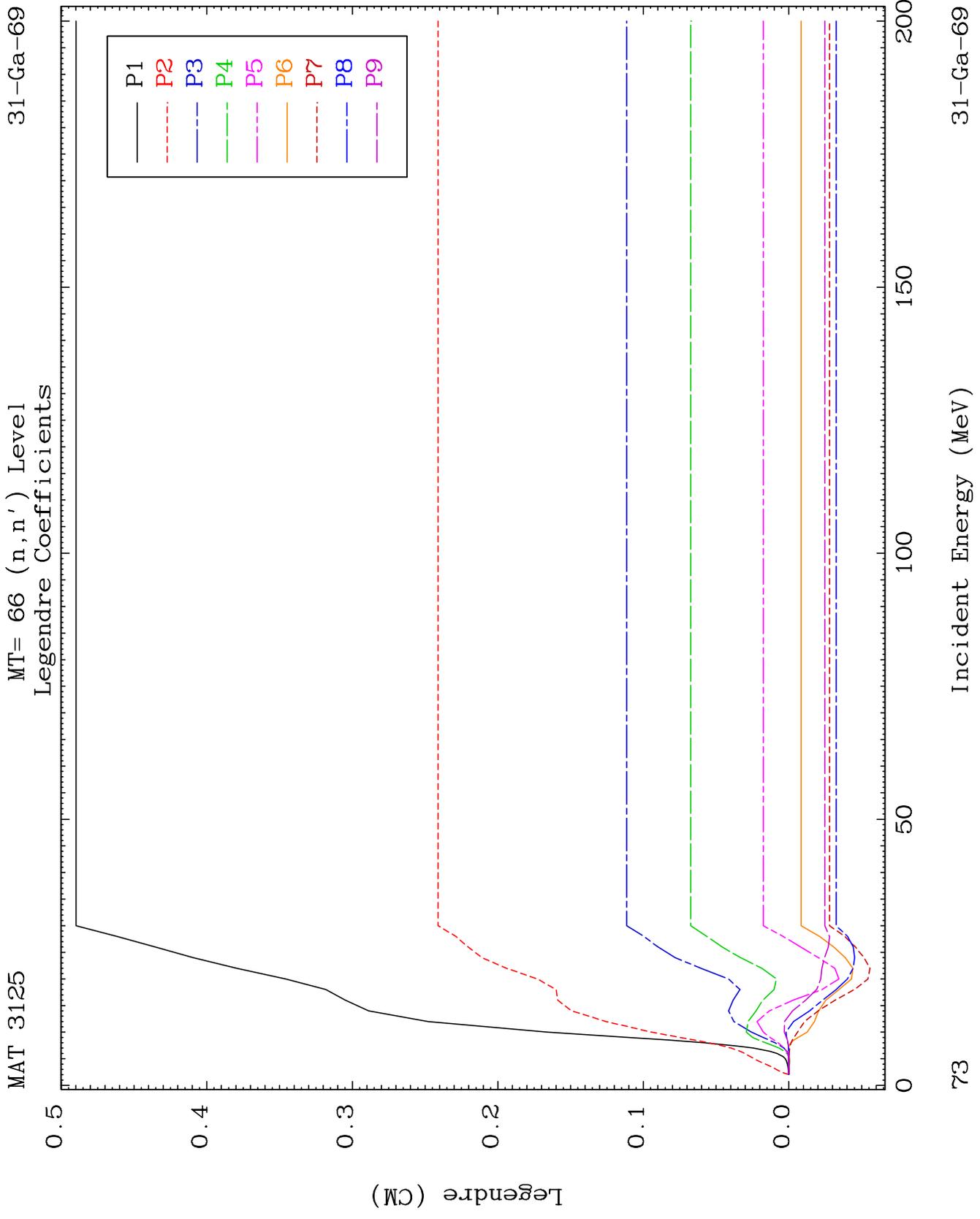
MT= 65 (n,n') Level
Legendre Coefficients

31-Ga-69



72

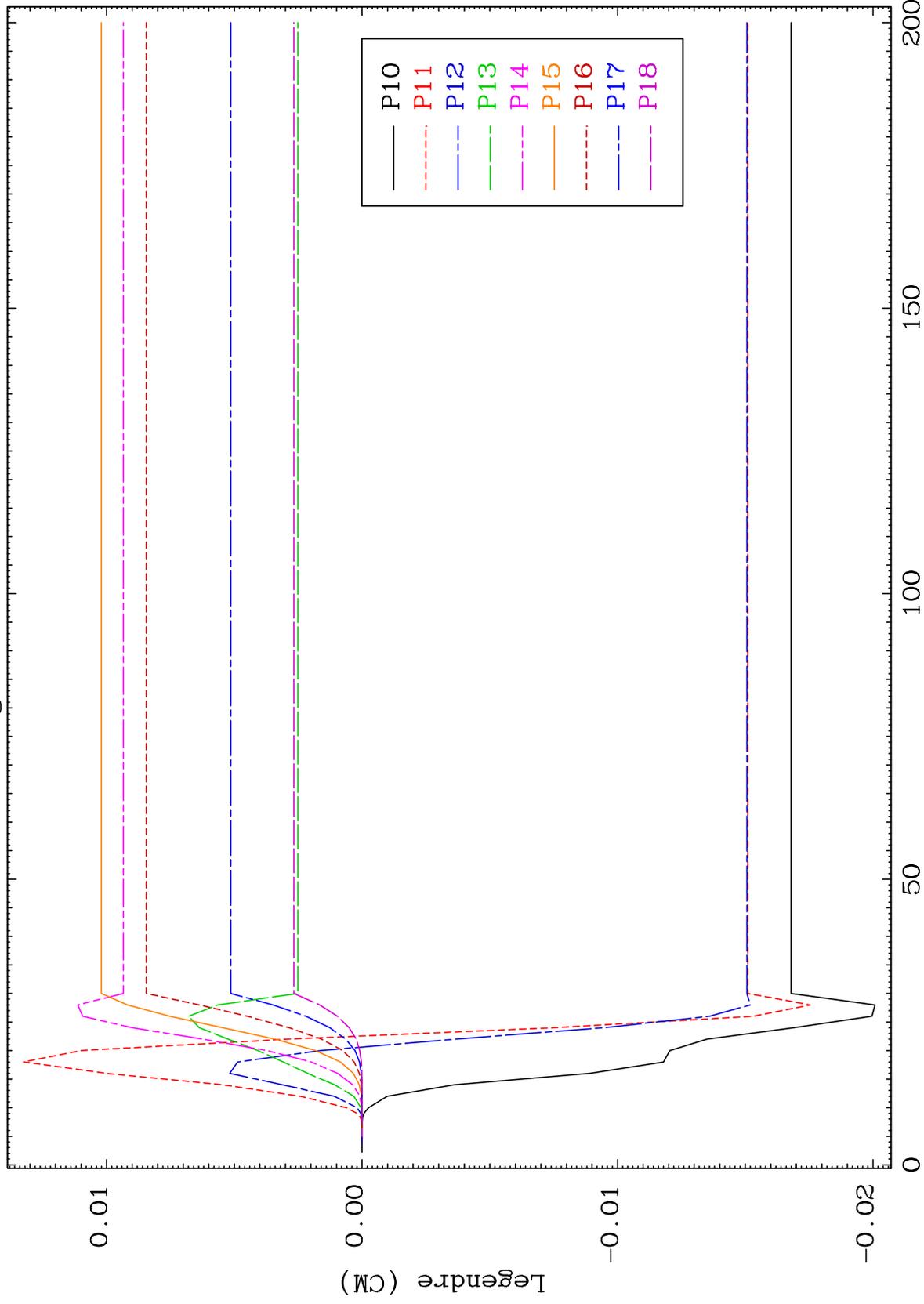
31-Ga-69



MAT 3125

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

31-Ga-69



74

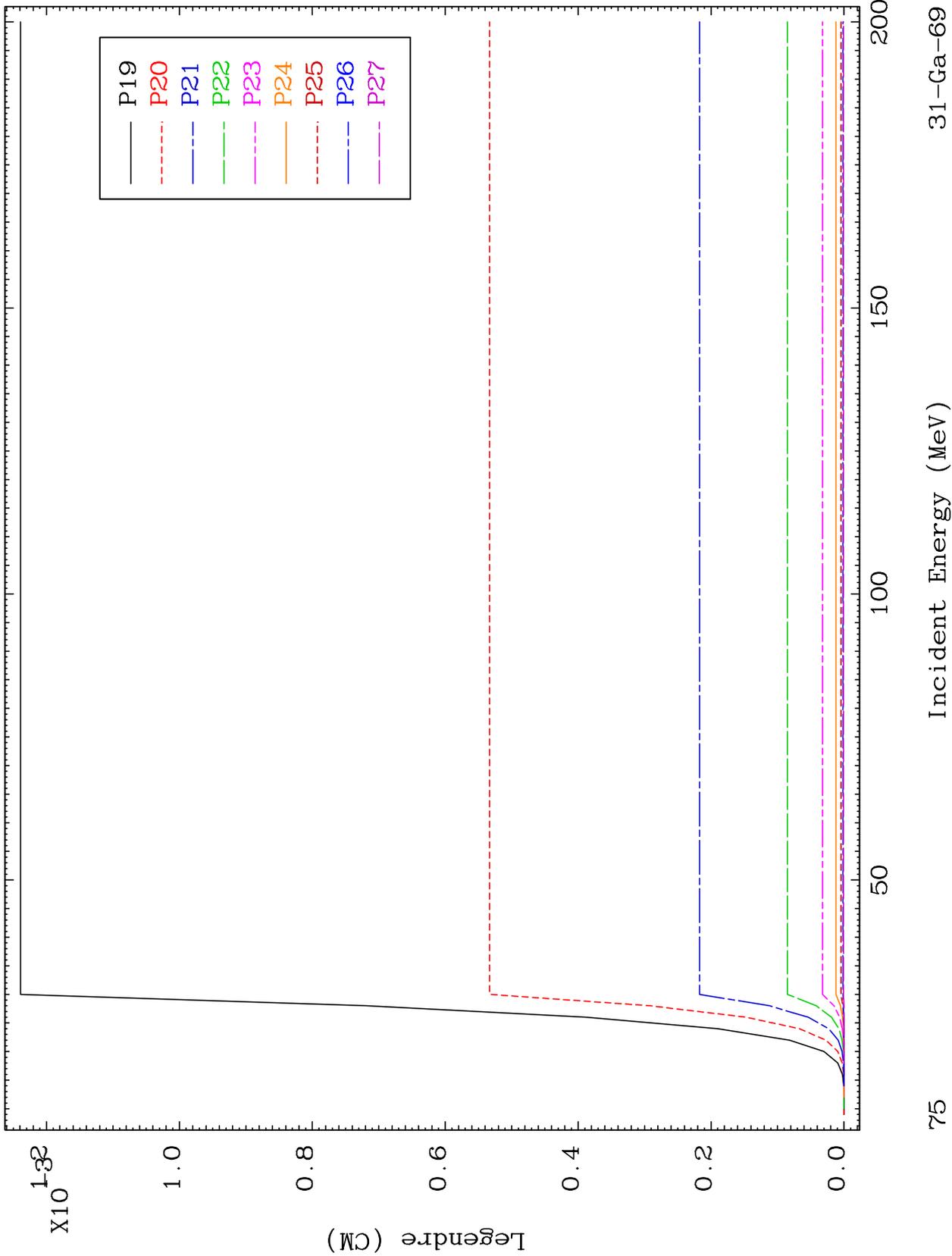
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



75

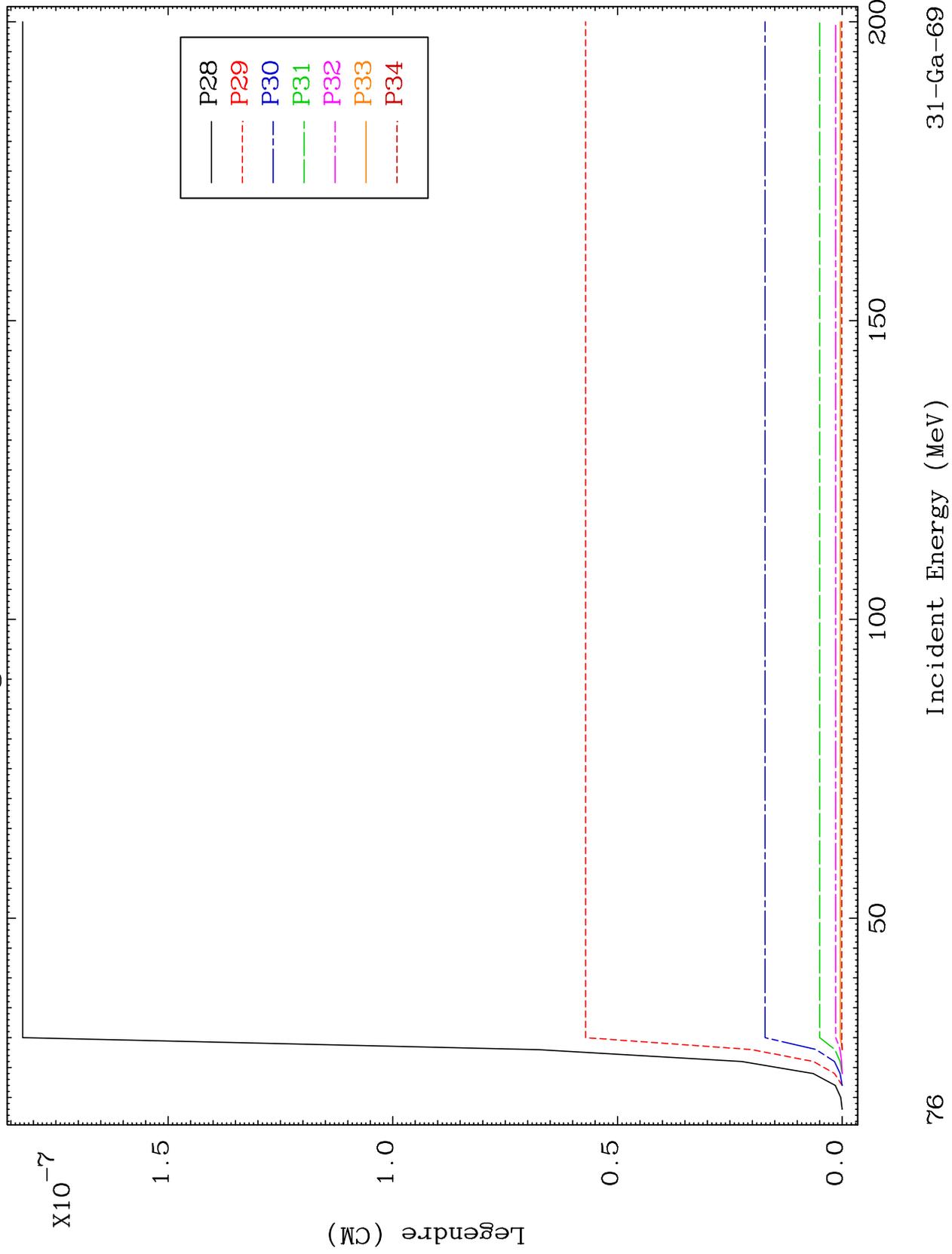
Incident Energy (MeV)

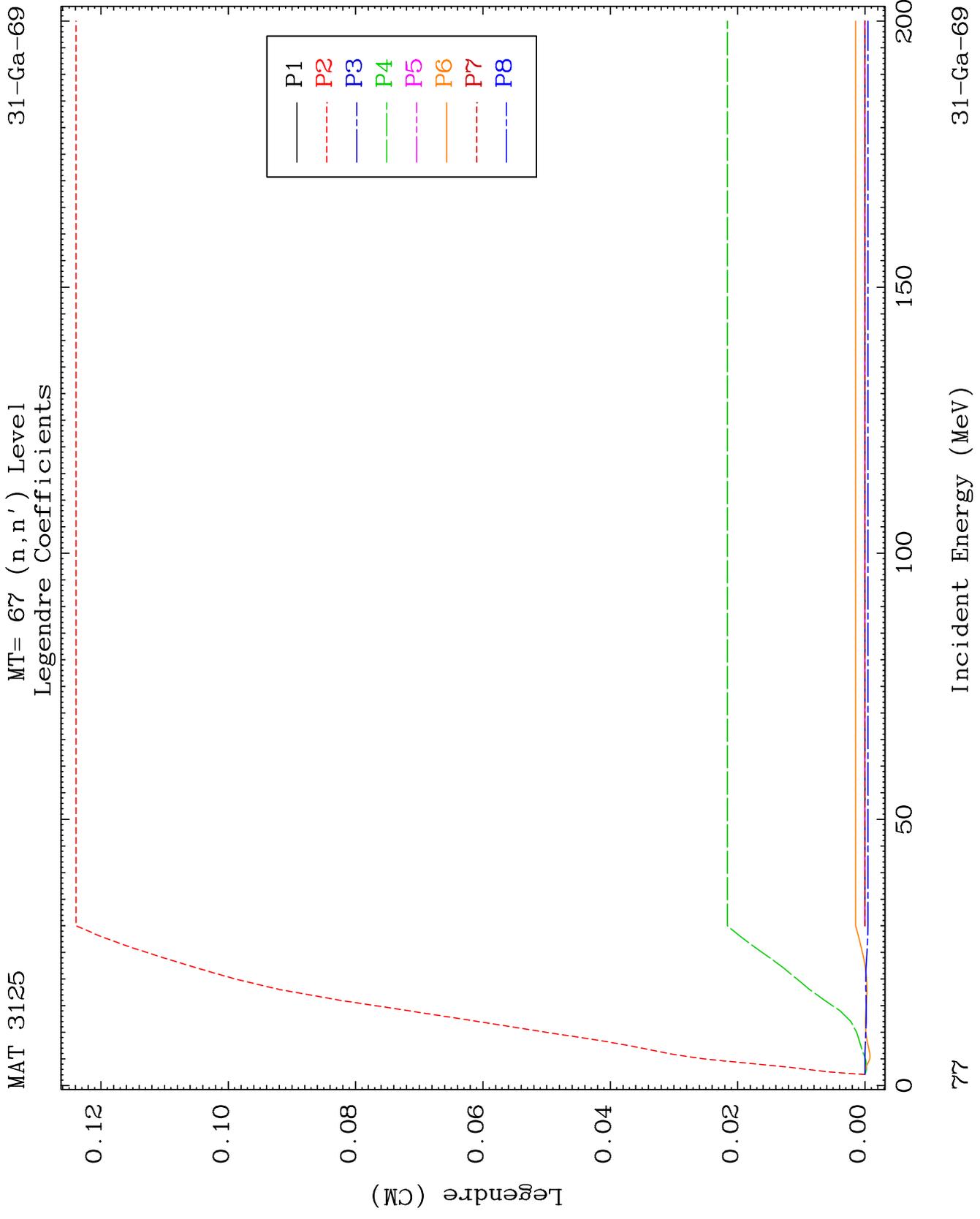
31-Ga-69

MAT 3125

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

31-Ga-69

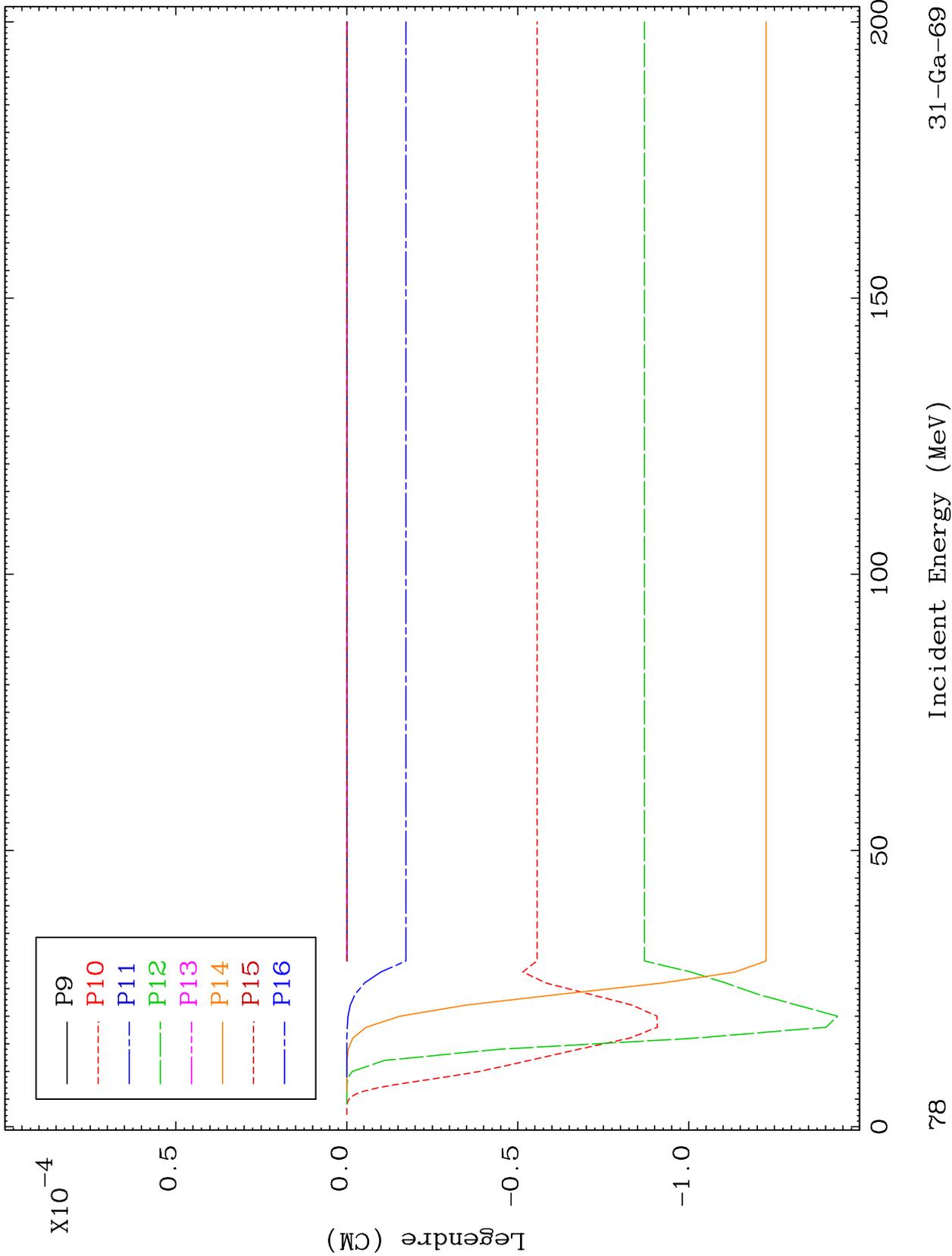


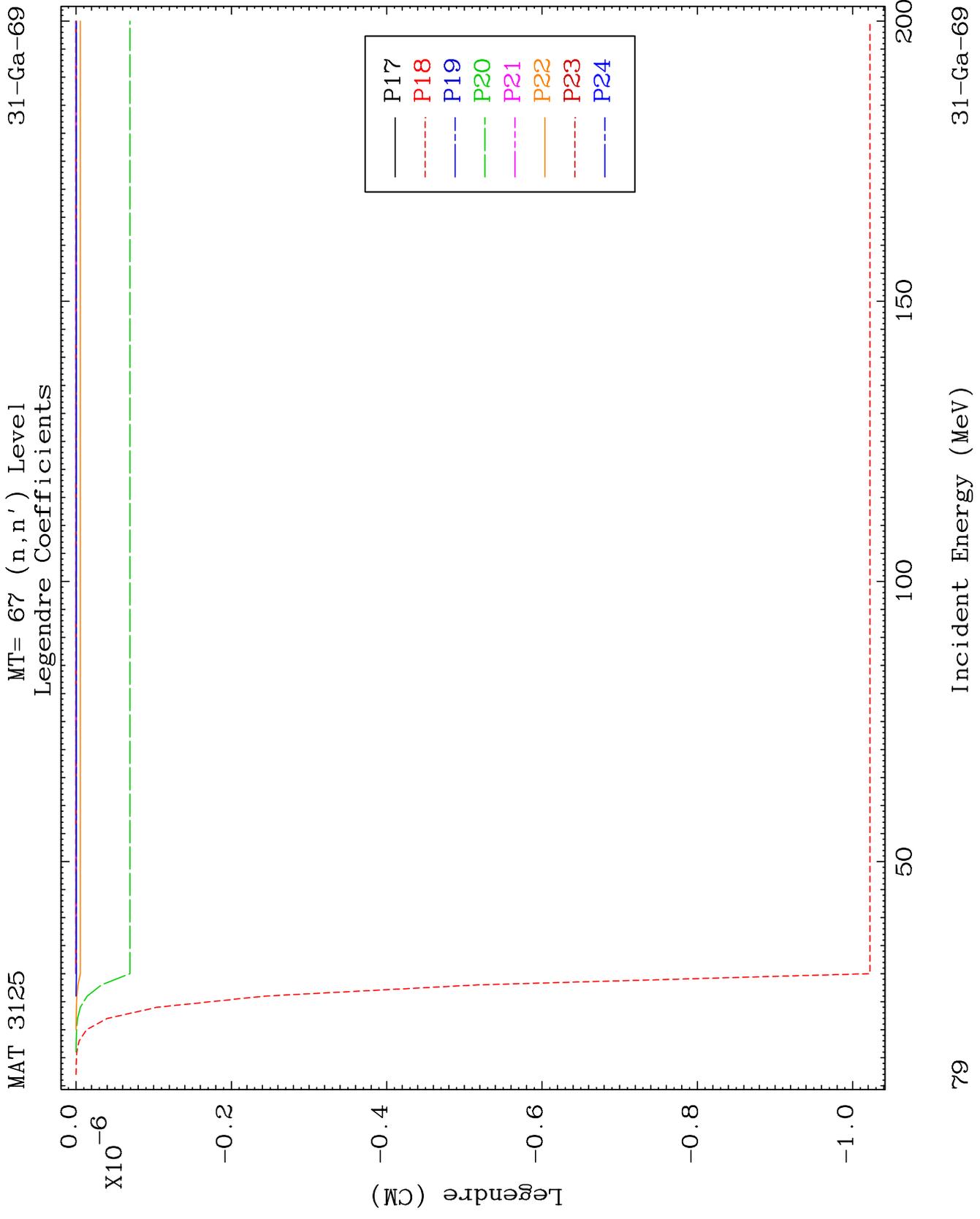


MAT 3125

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

31-Ga-69

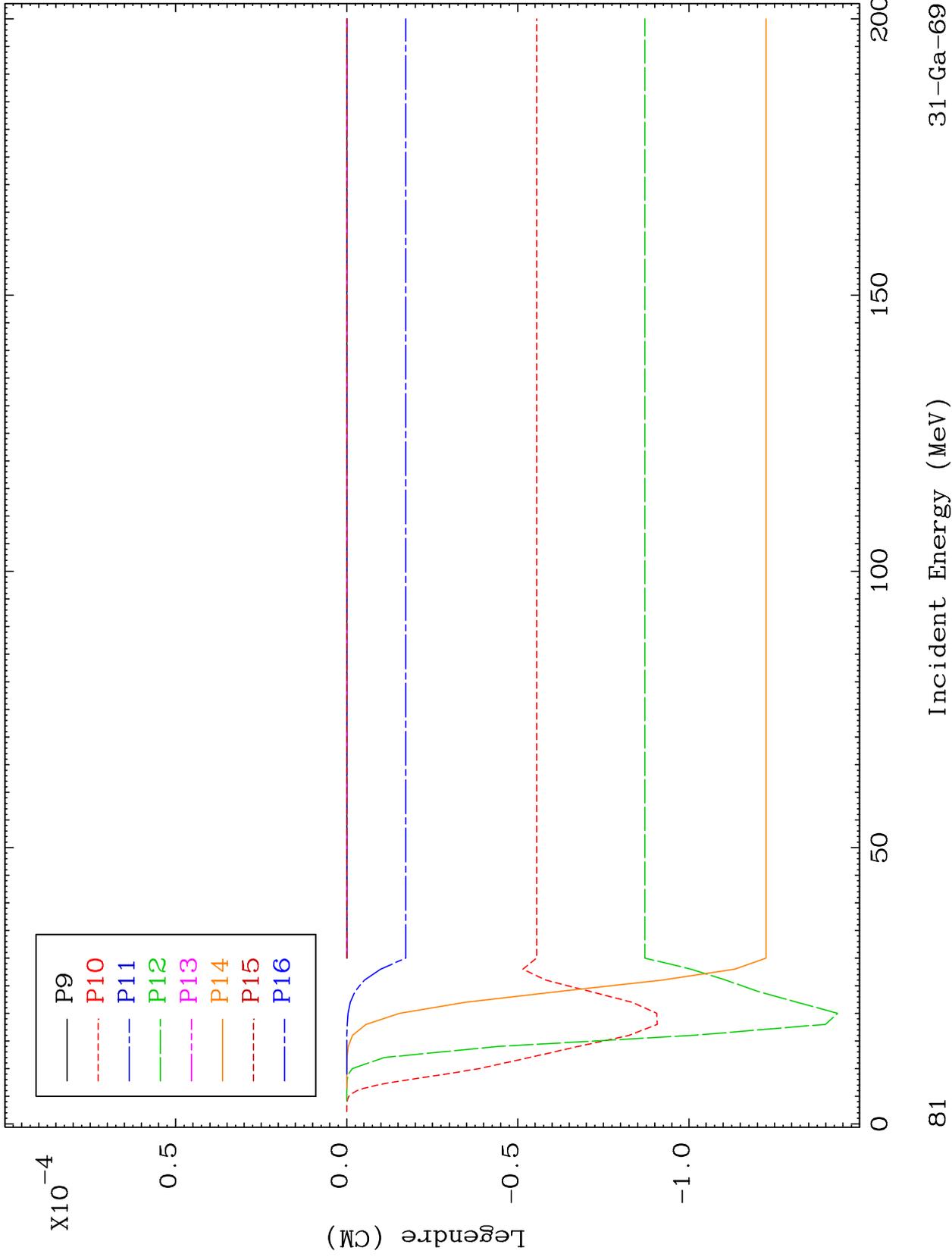


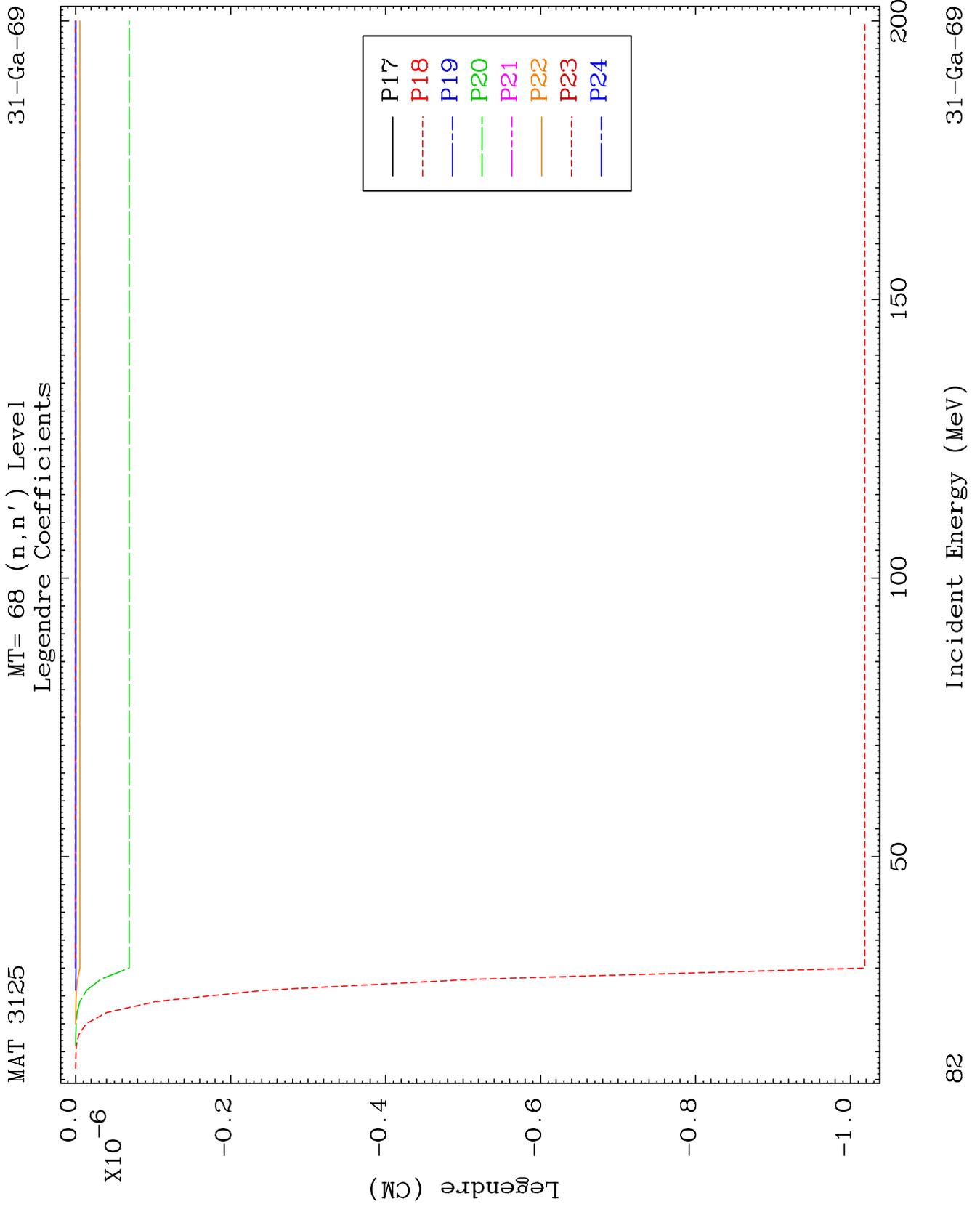


MAT 3125

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

31-Ga-69

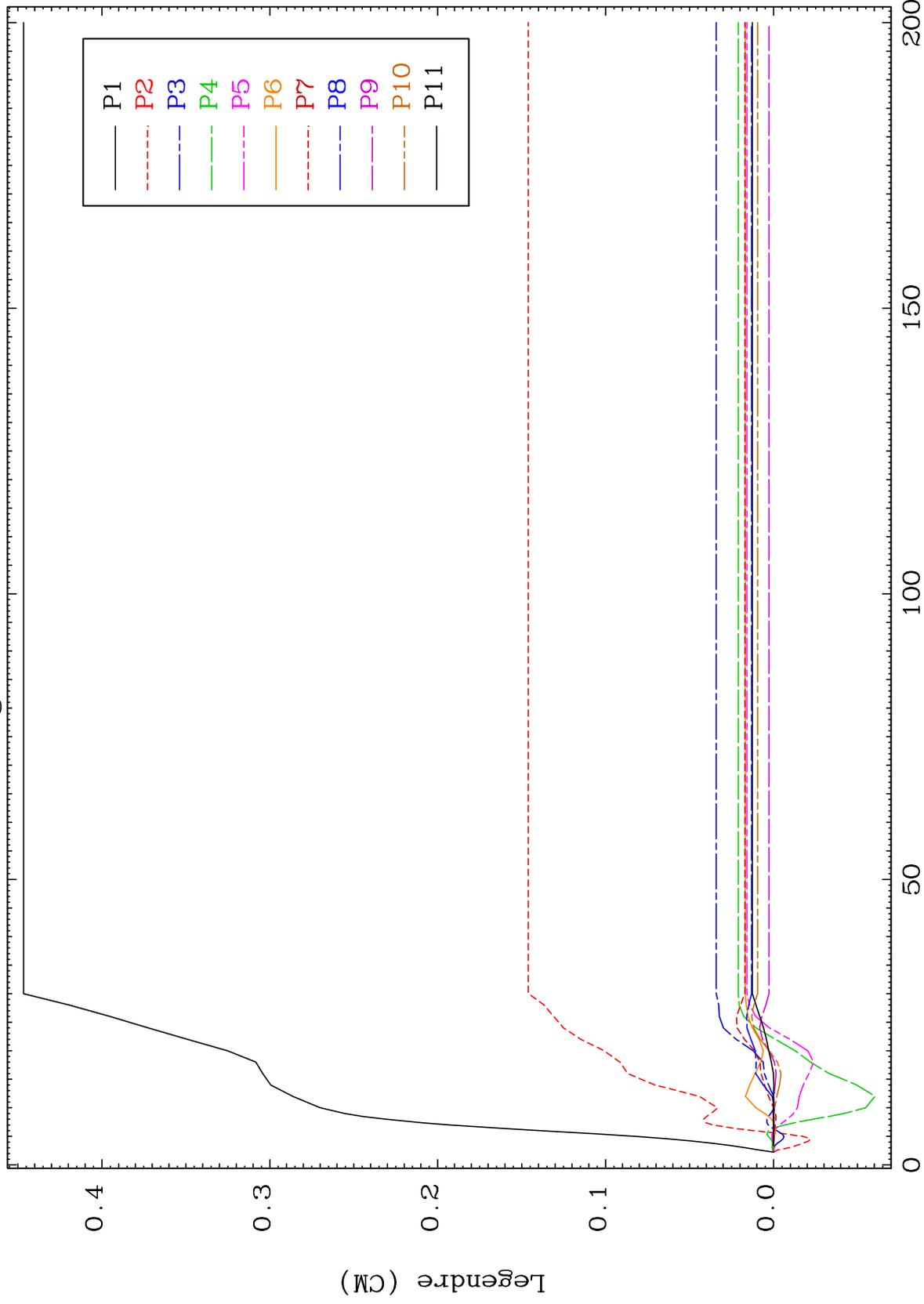




MAT 3125

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

31-Ga-69



83

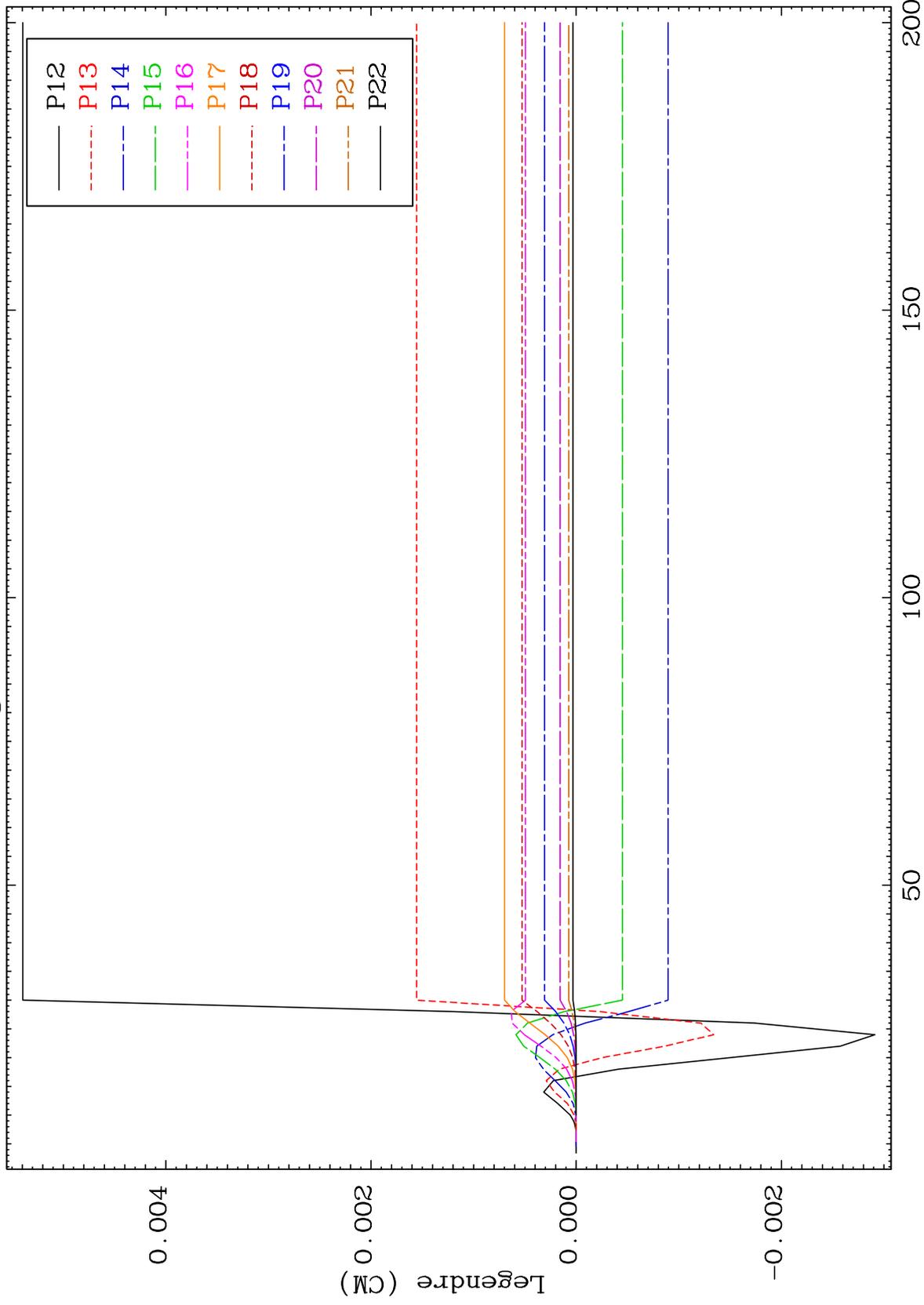
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



84

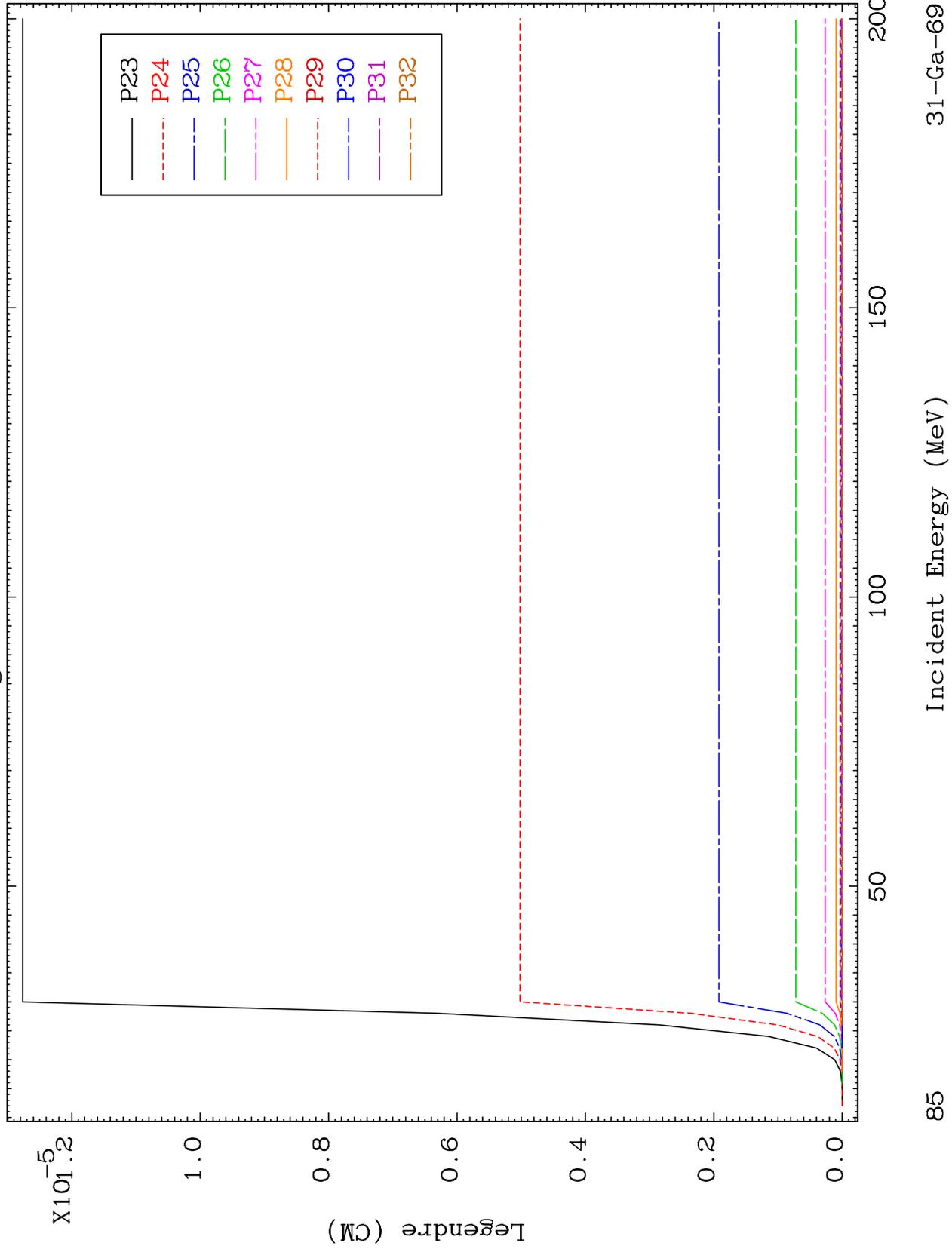
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

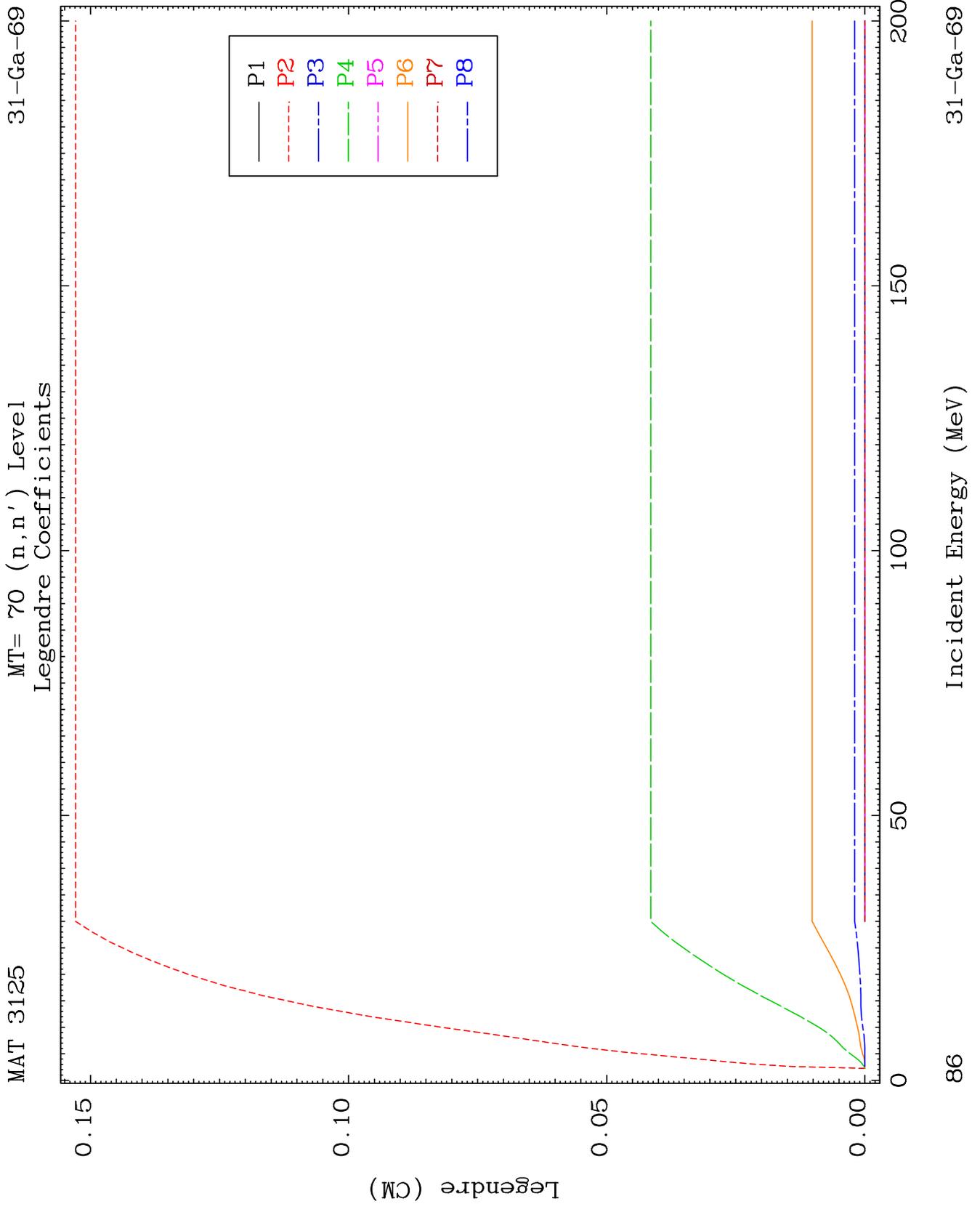
31-Ga-69



85

Incident Energy (MeV)

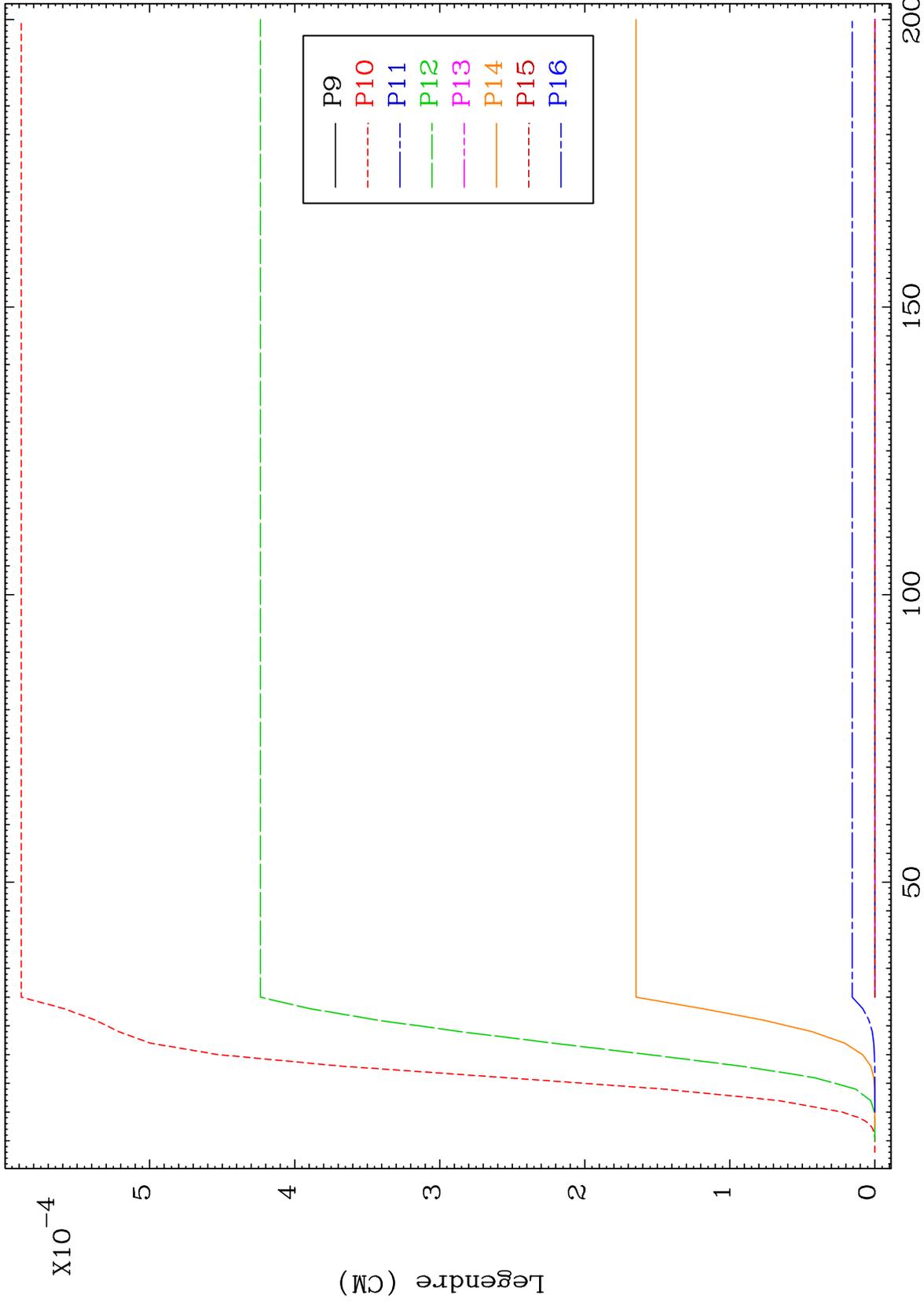
31-Ga-69



MAT 3125

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

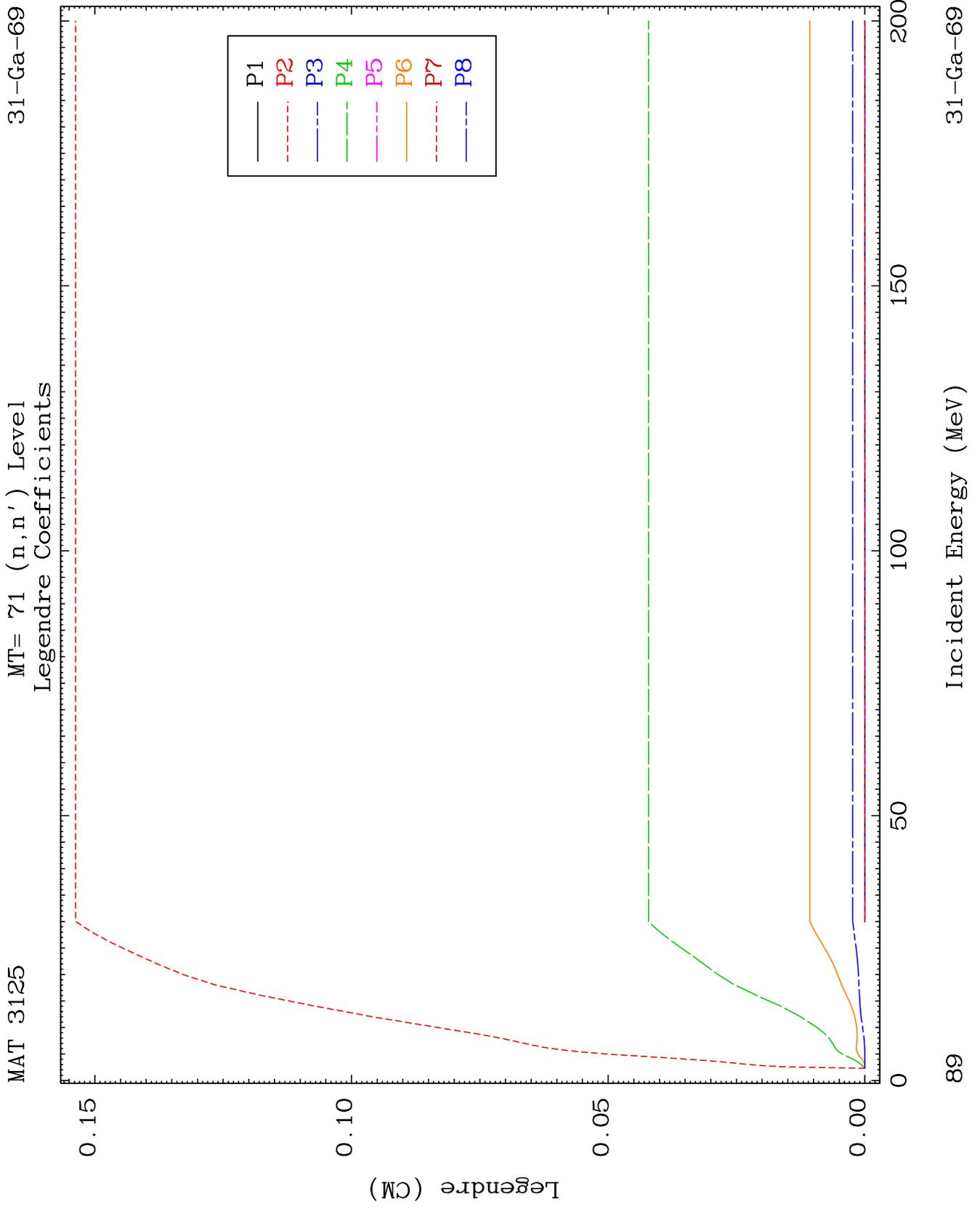
31-Ga-69

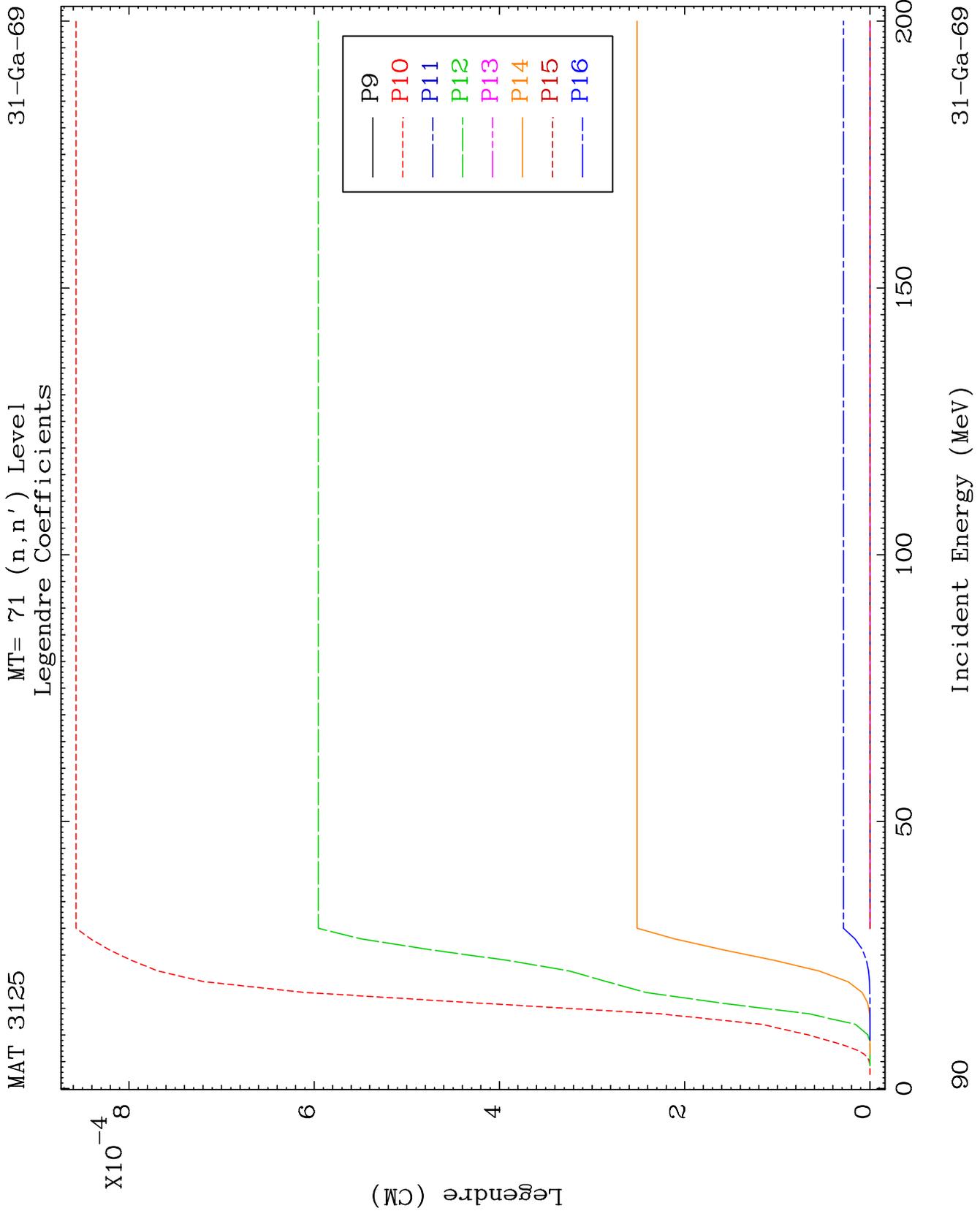


87

Incident Energy (MeV)

31-Ga-69

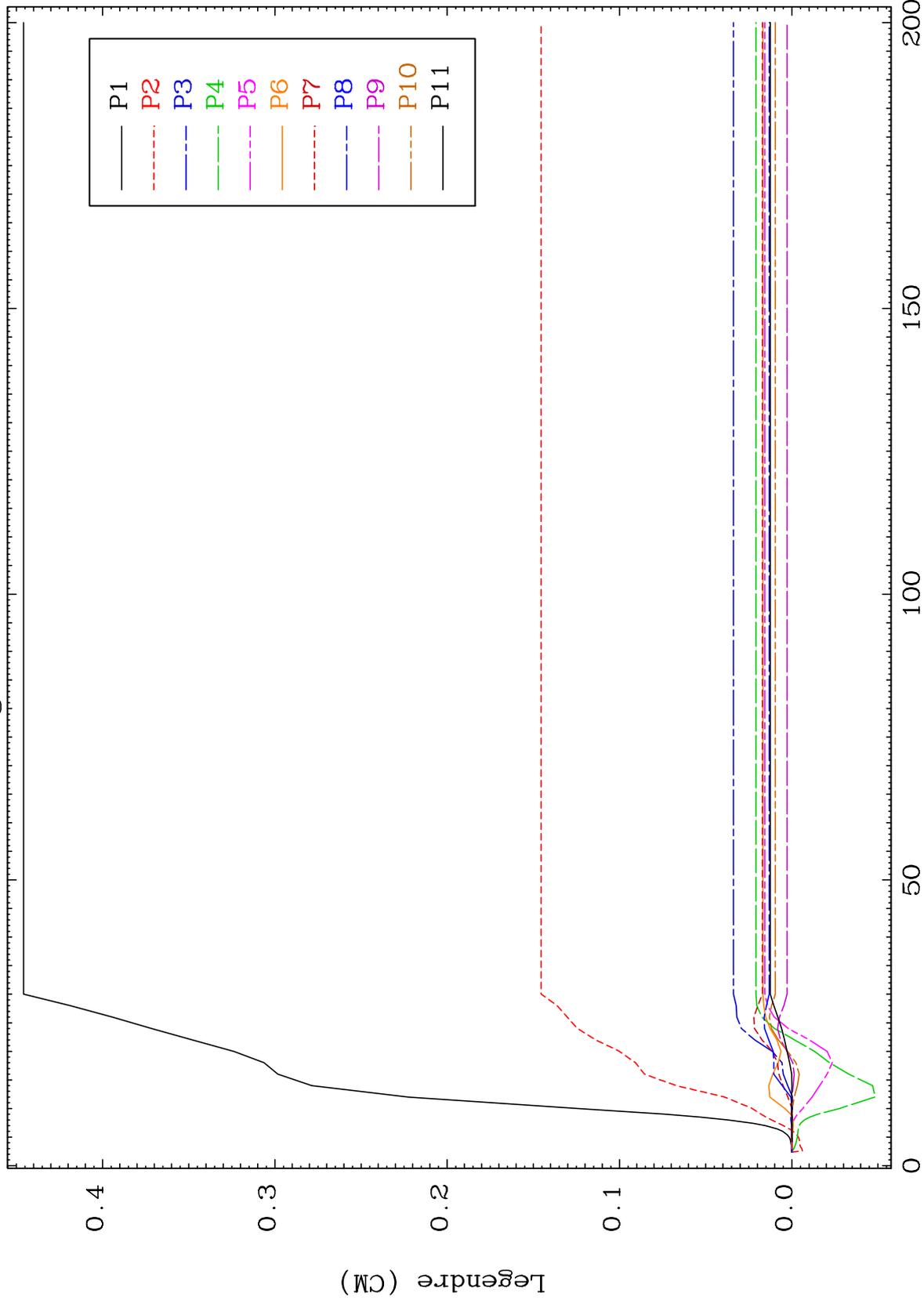




MAT 3125

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

31-Ga-69



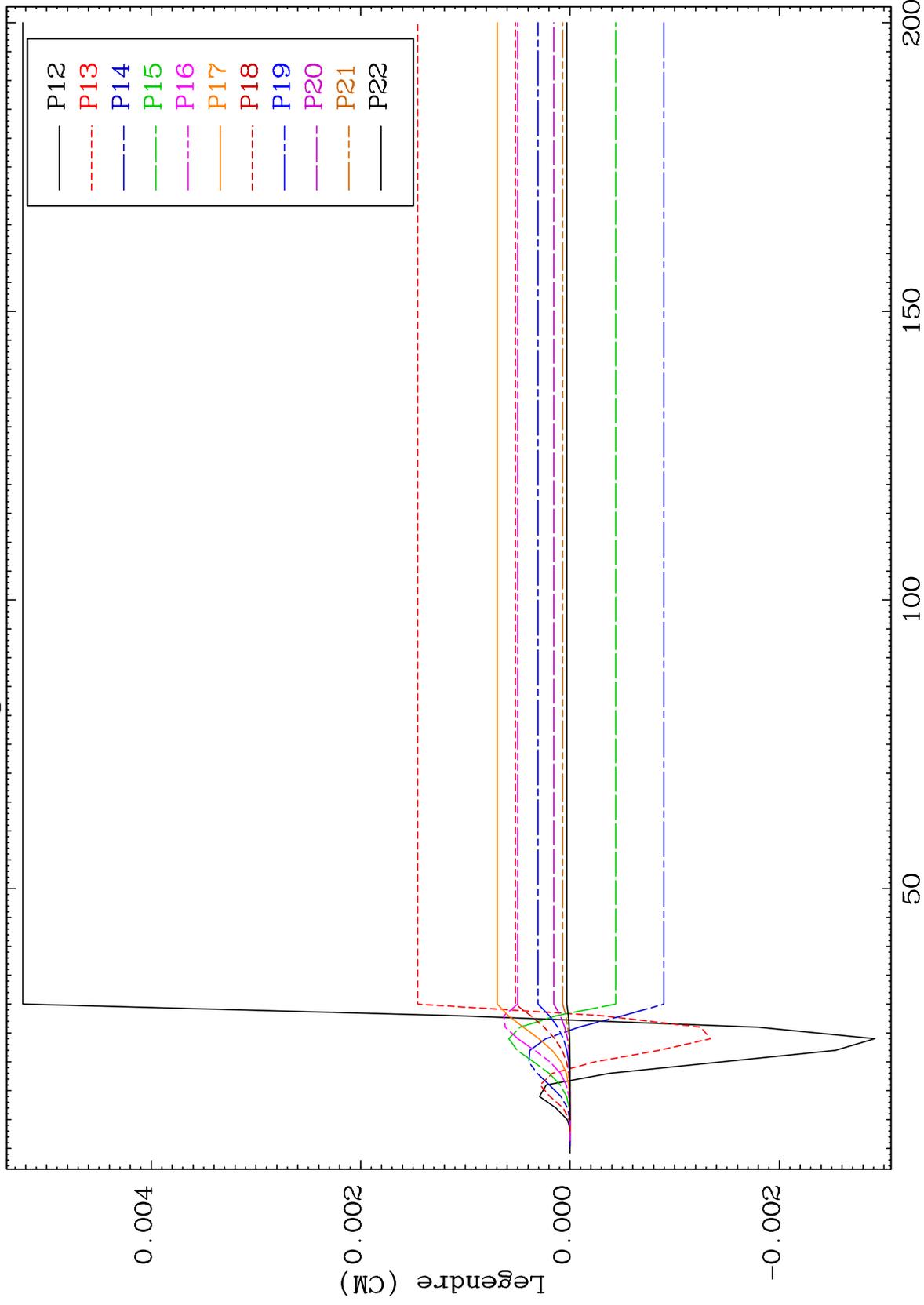
92

31-Ga-69

MAT 3125

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

31-Ga-69



93

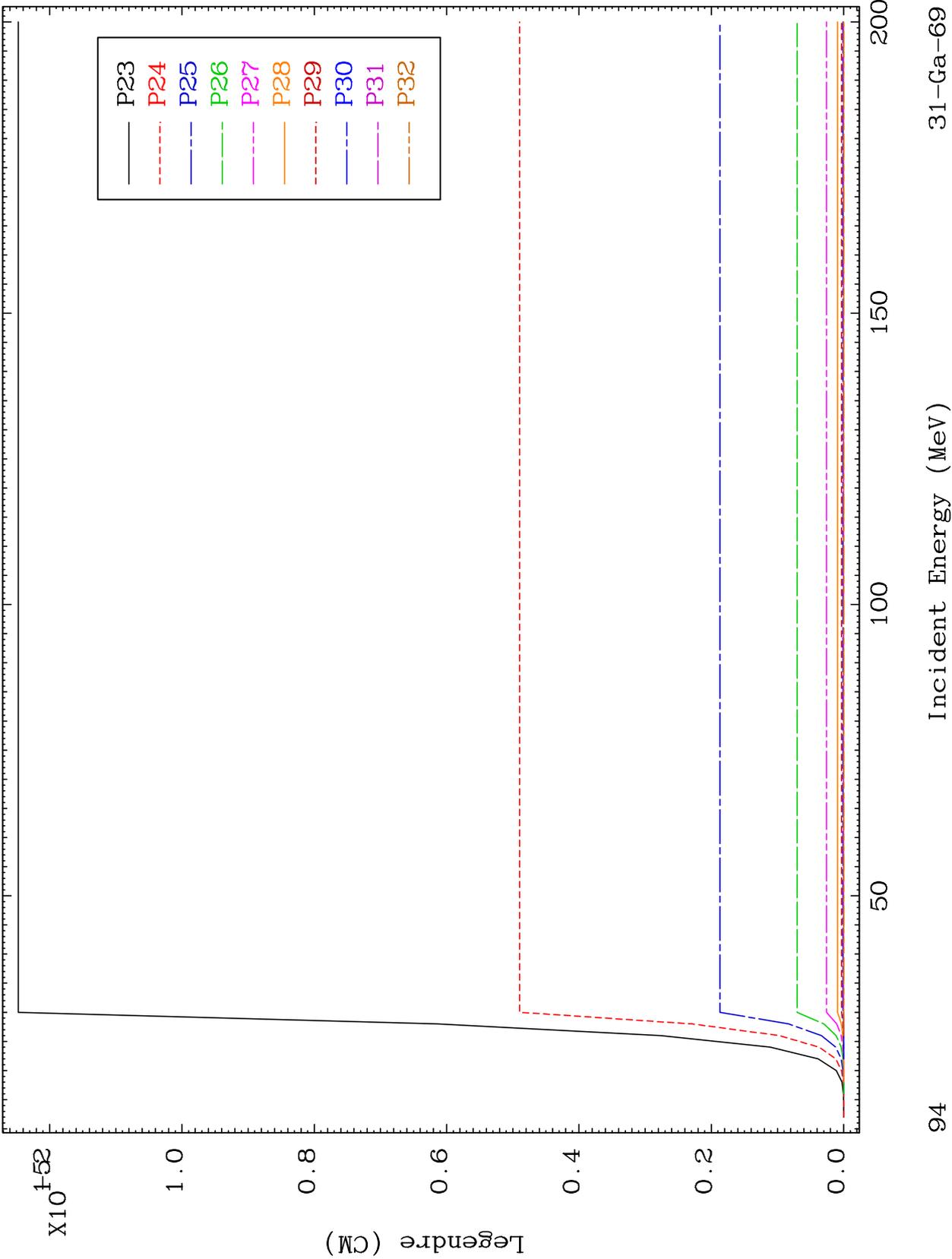
Incident Energy (MeV)

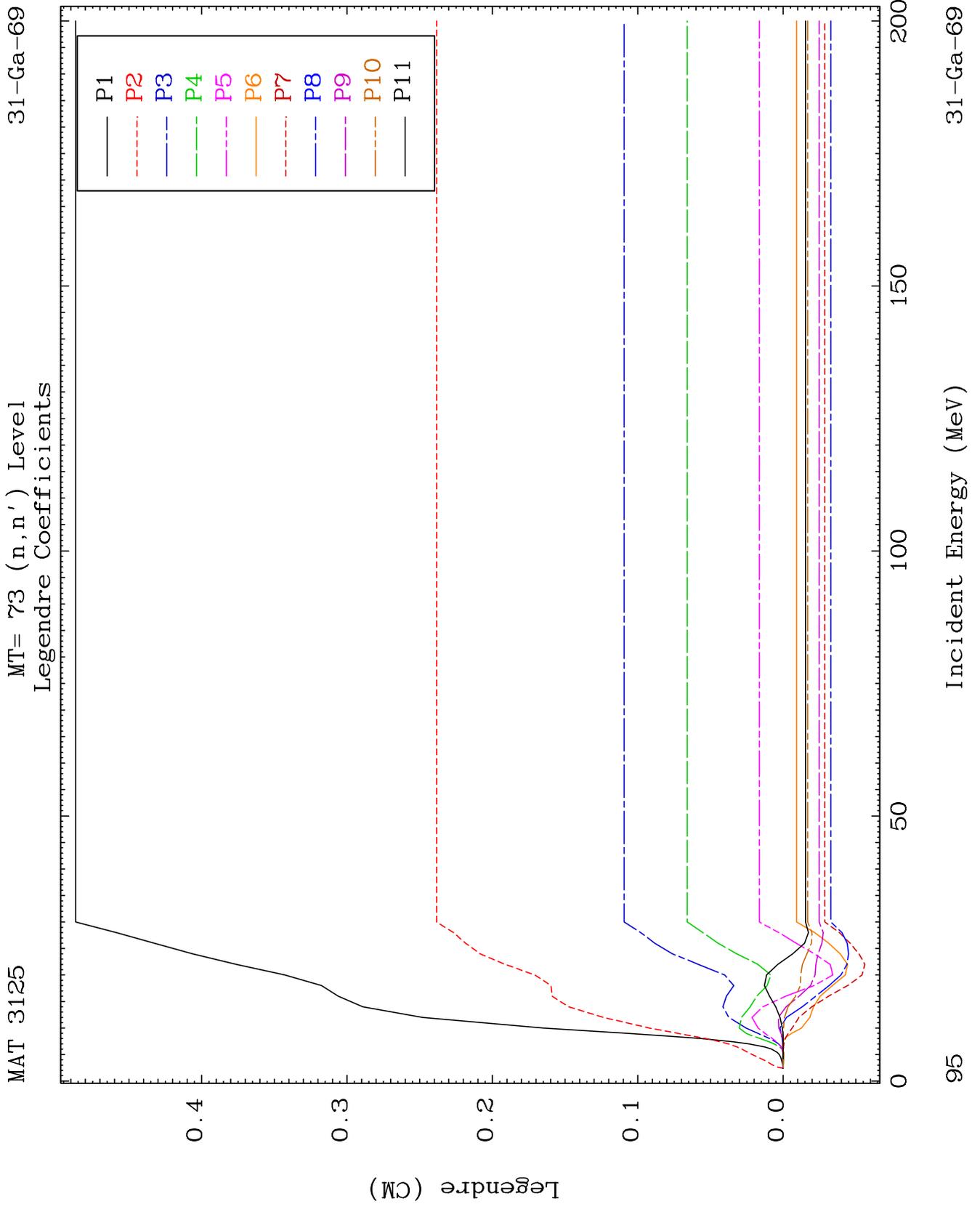
31-Ga-69

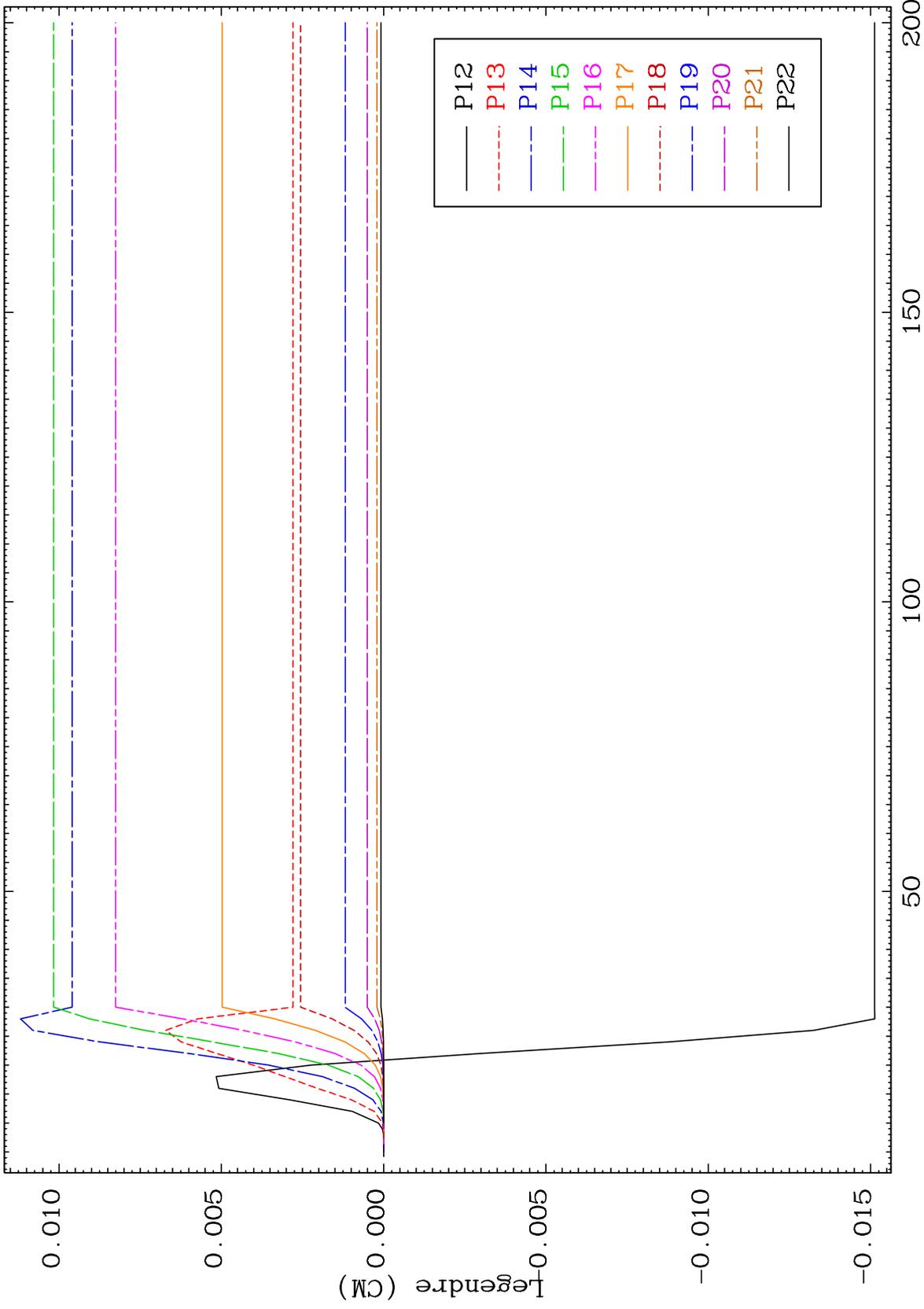
MAT 3125

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

31-Ga-69



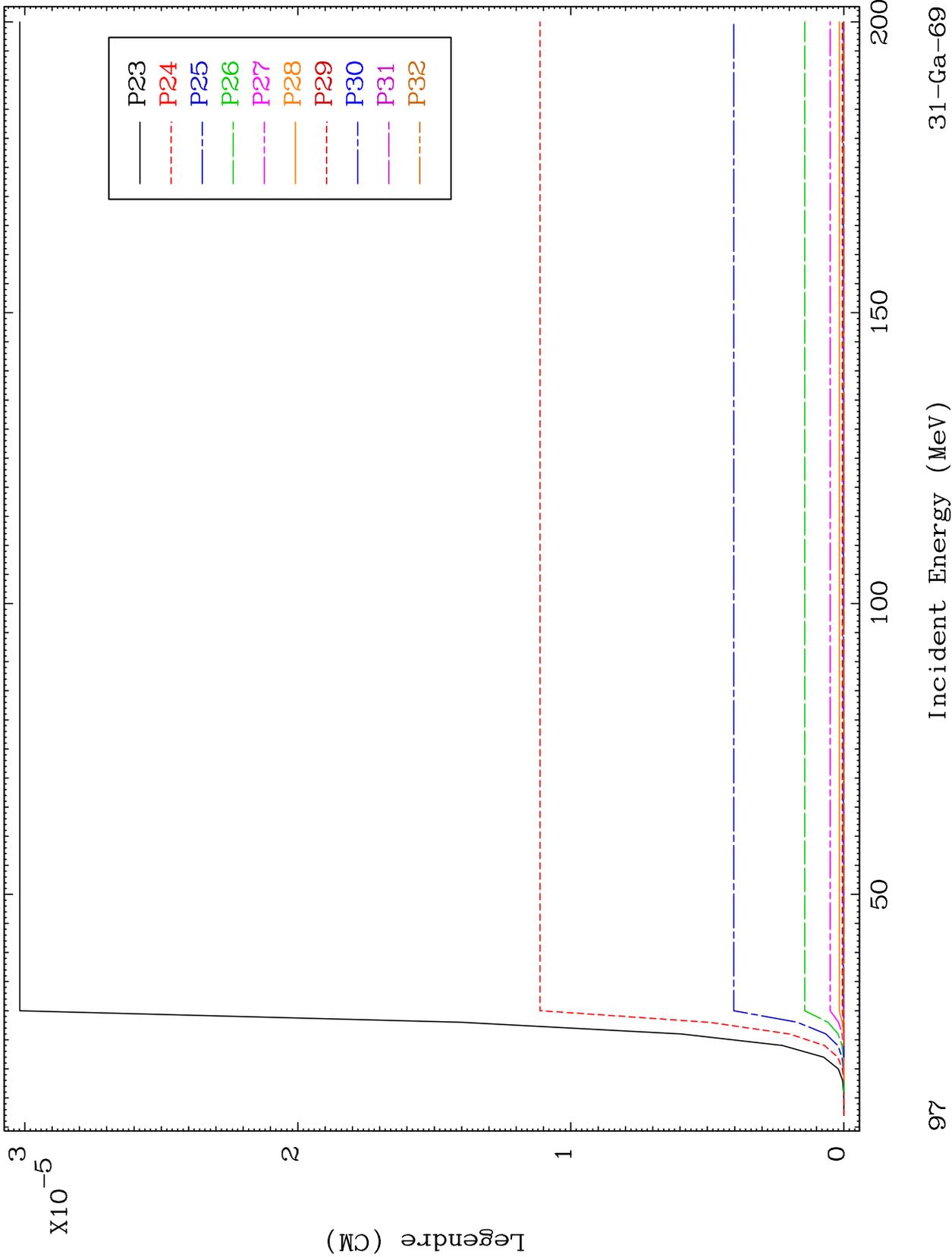




MAT 3125

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

31-Ga-69



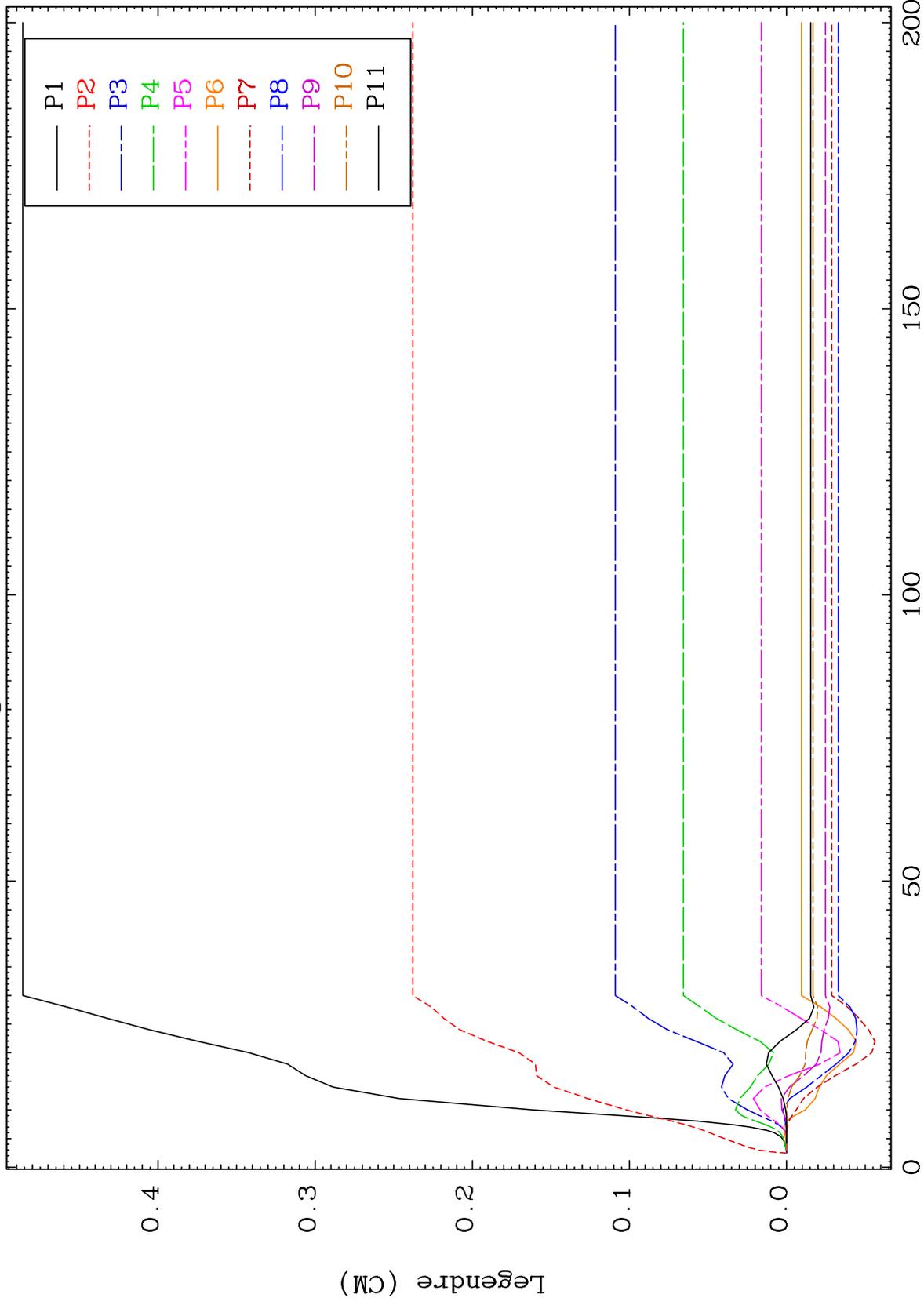
97

31-Ga-69

MAT 3125

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

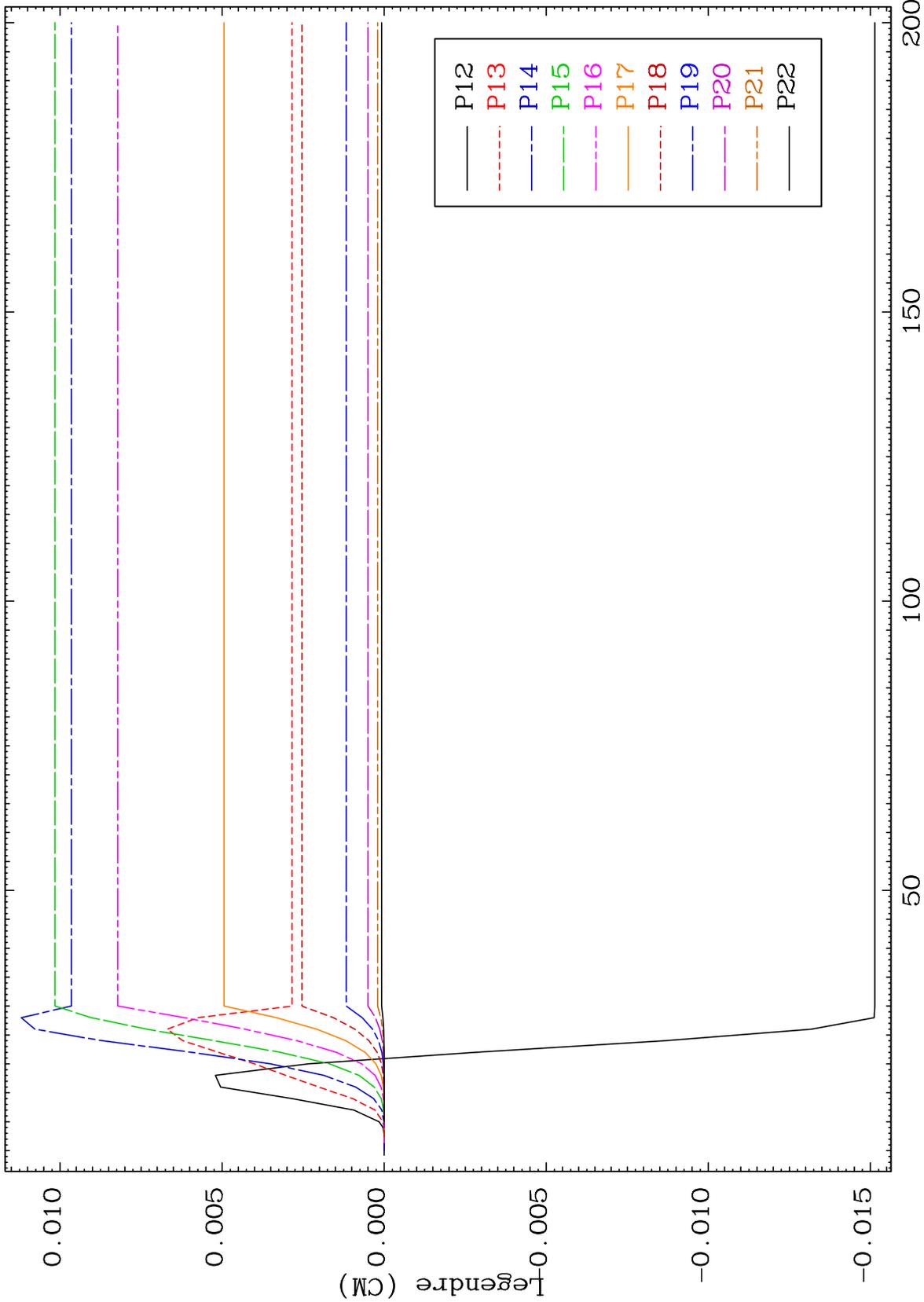
31-Ga-69



98

Incident Energy (MeV)

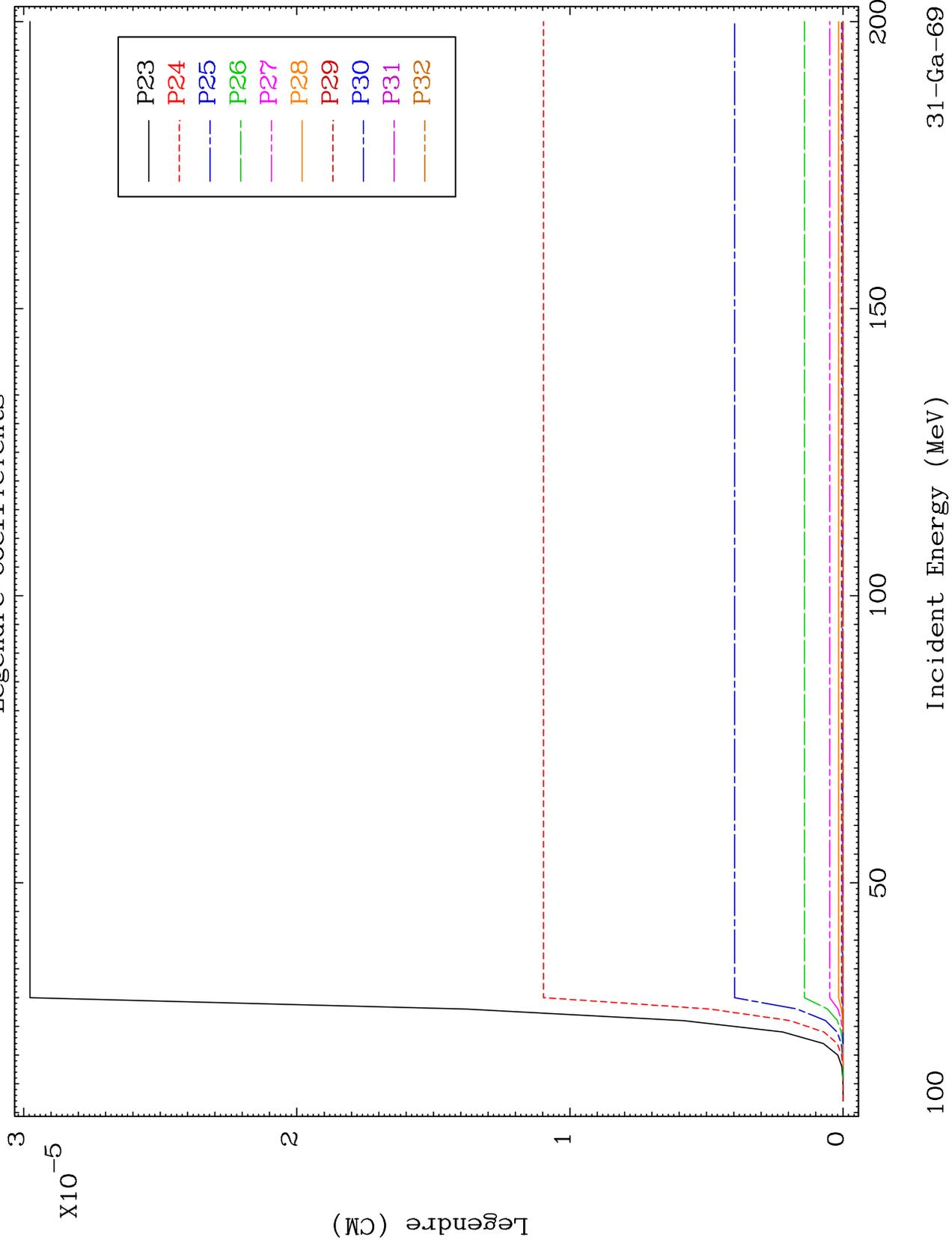
31-Ga-69



MAT 3125

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

31-Ga-69



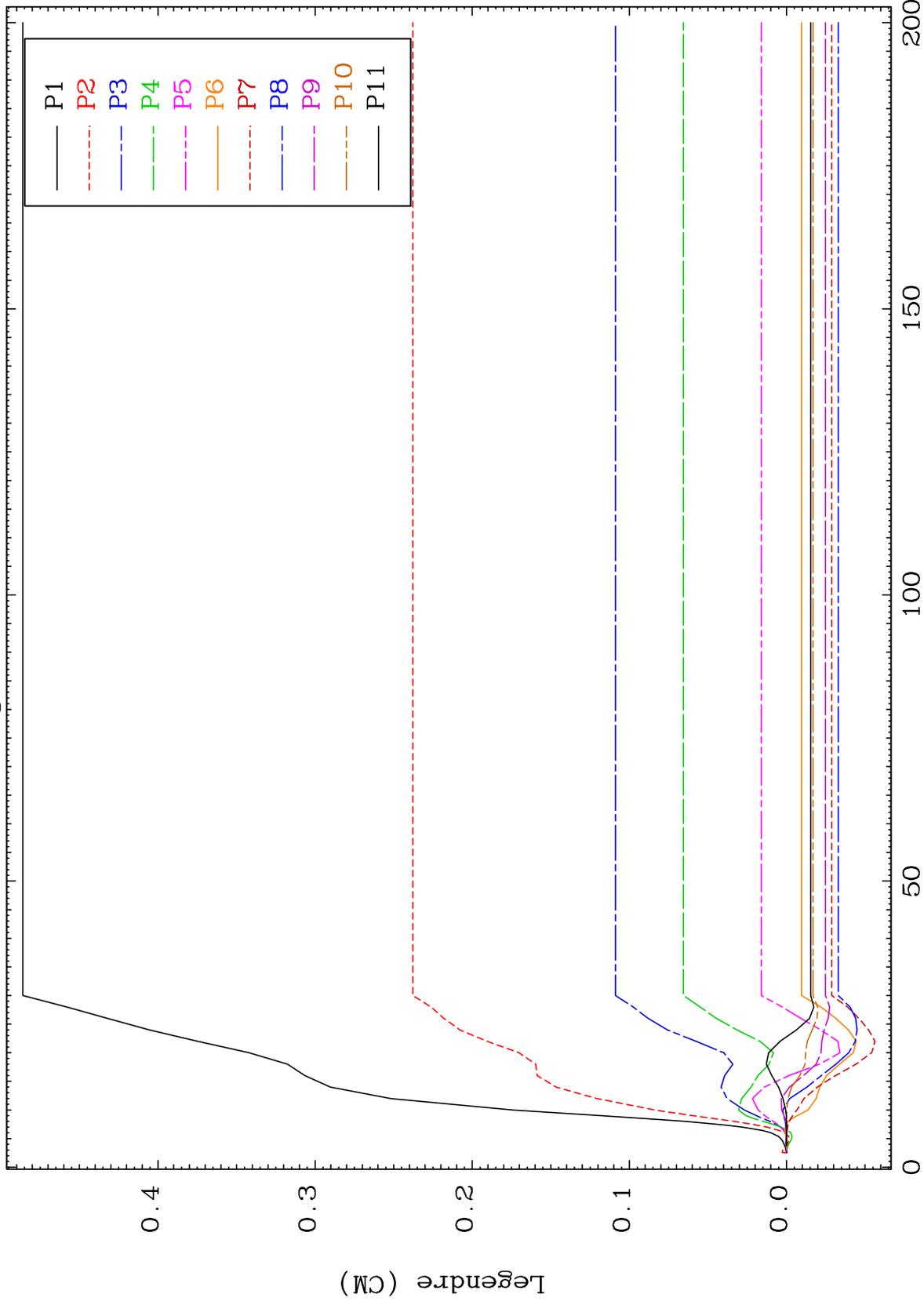
31-Ga-69

Incident Energy (MeV)

MAT 3125

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

31-Ga-69

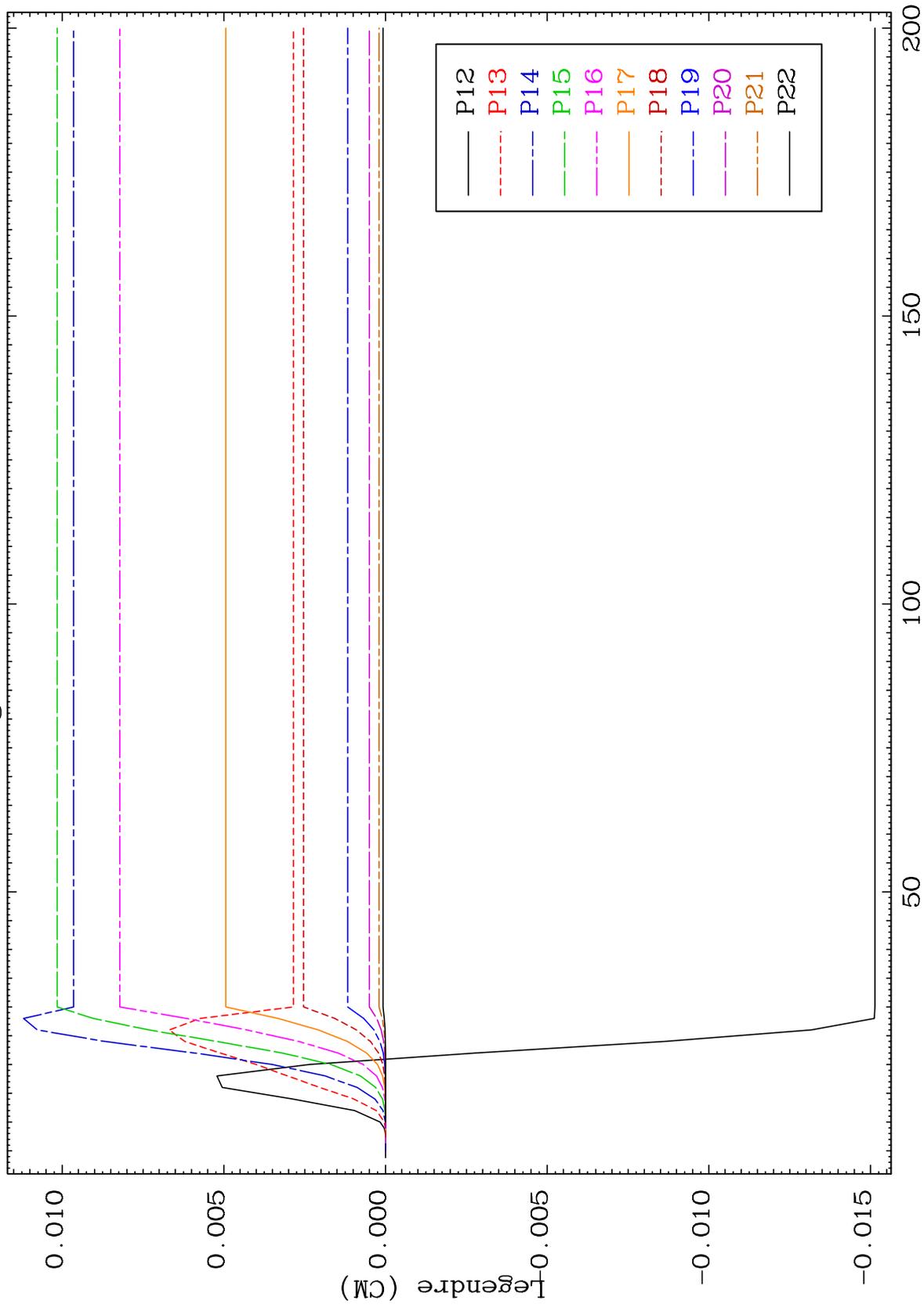


31-Ga-69

Incident Energy (MeV)

101

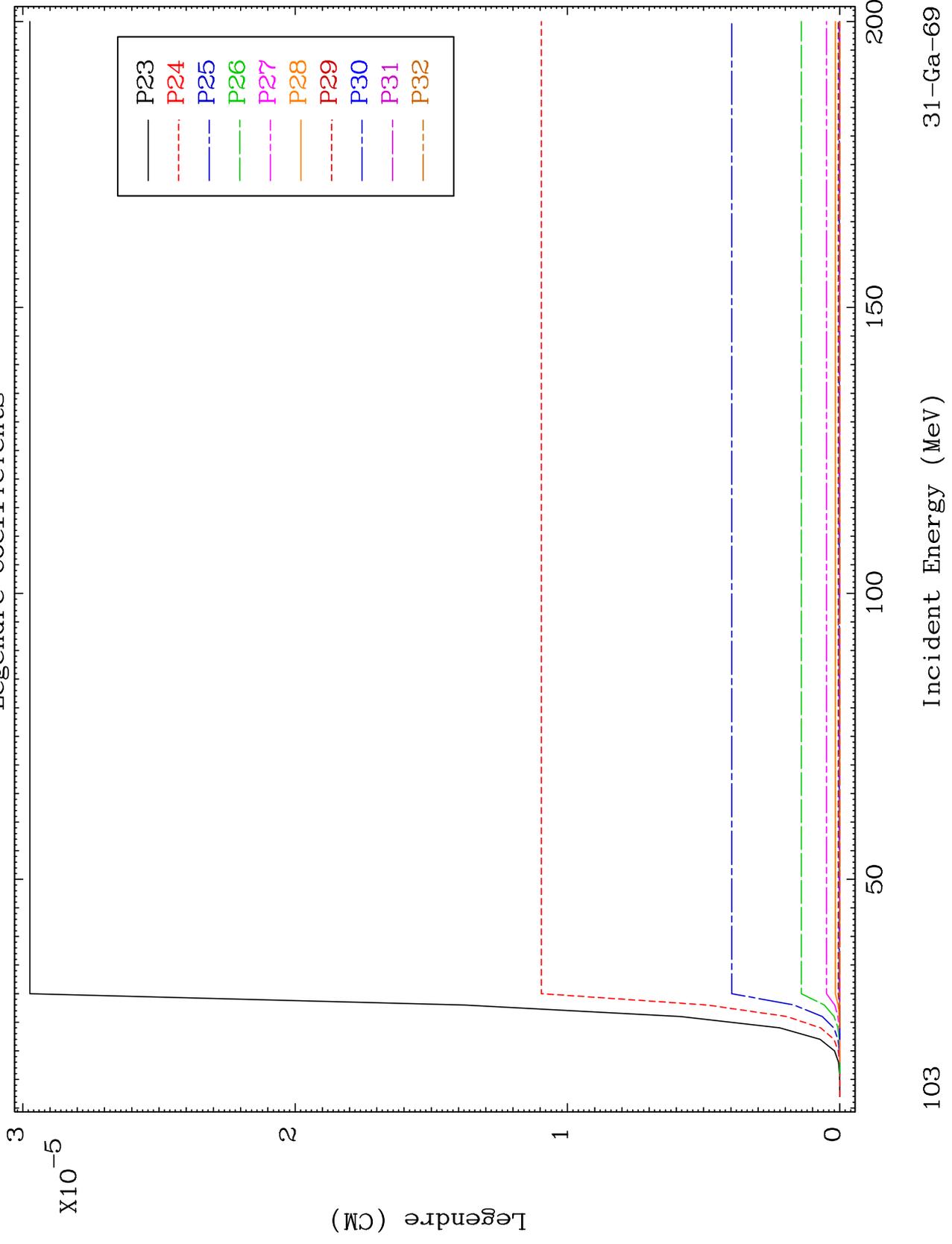
MT= 75 (n,n') Level
Legendre Coefficients



MAT 3125

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

31-Ga-69



103

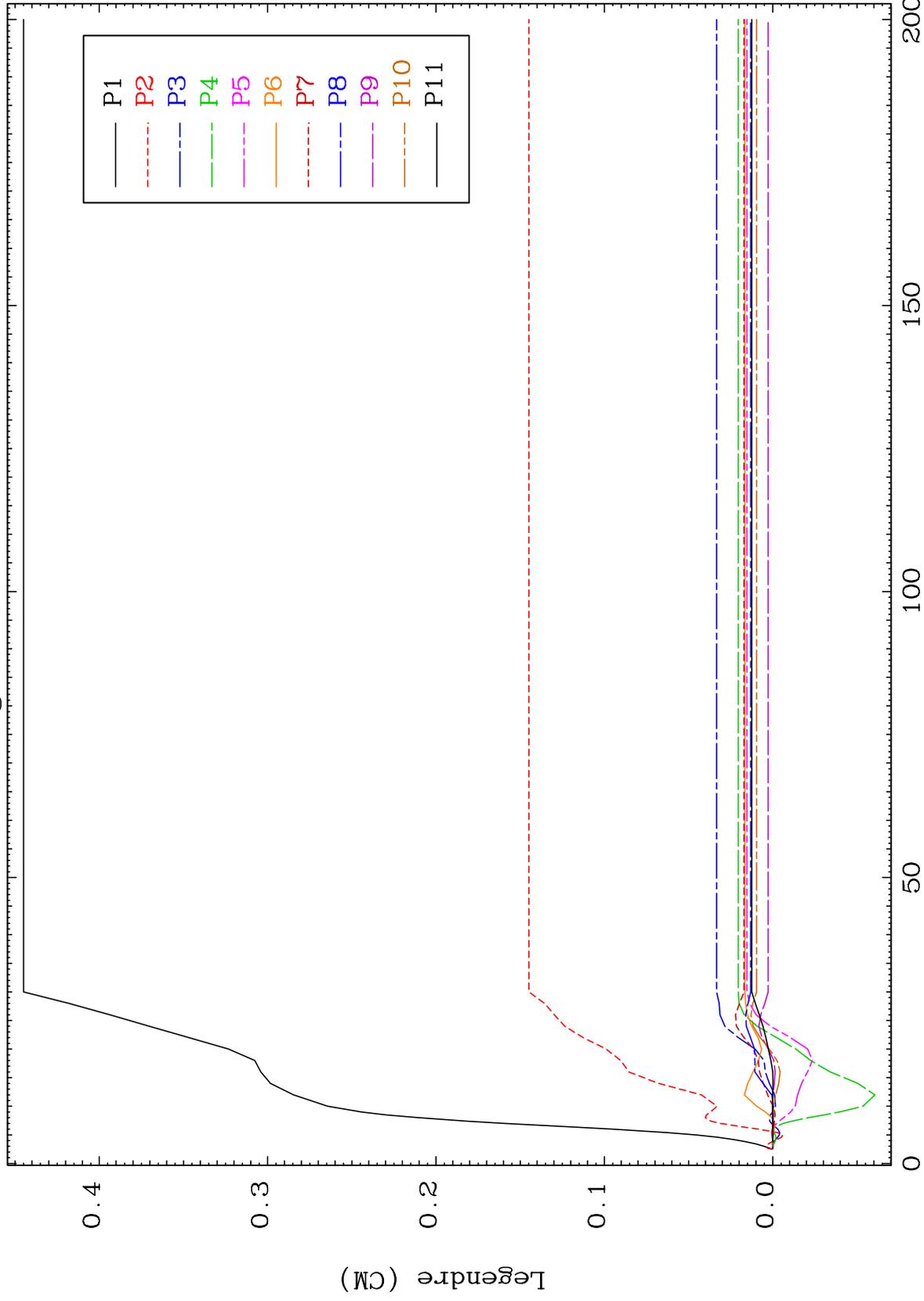
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

31-Ga-69



104

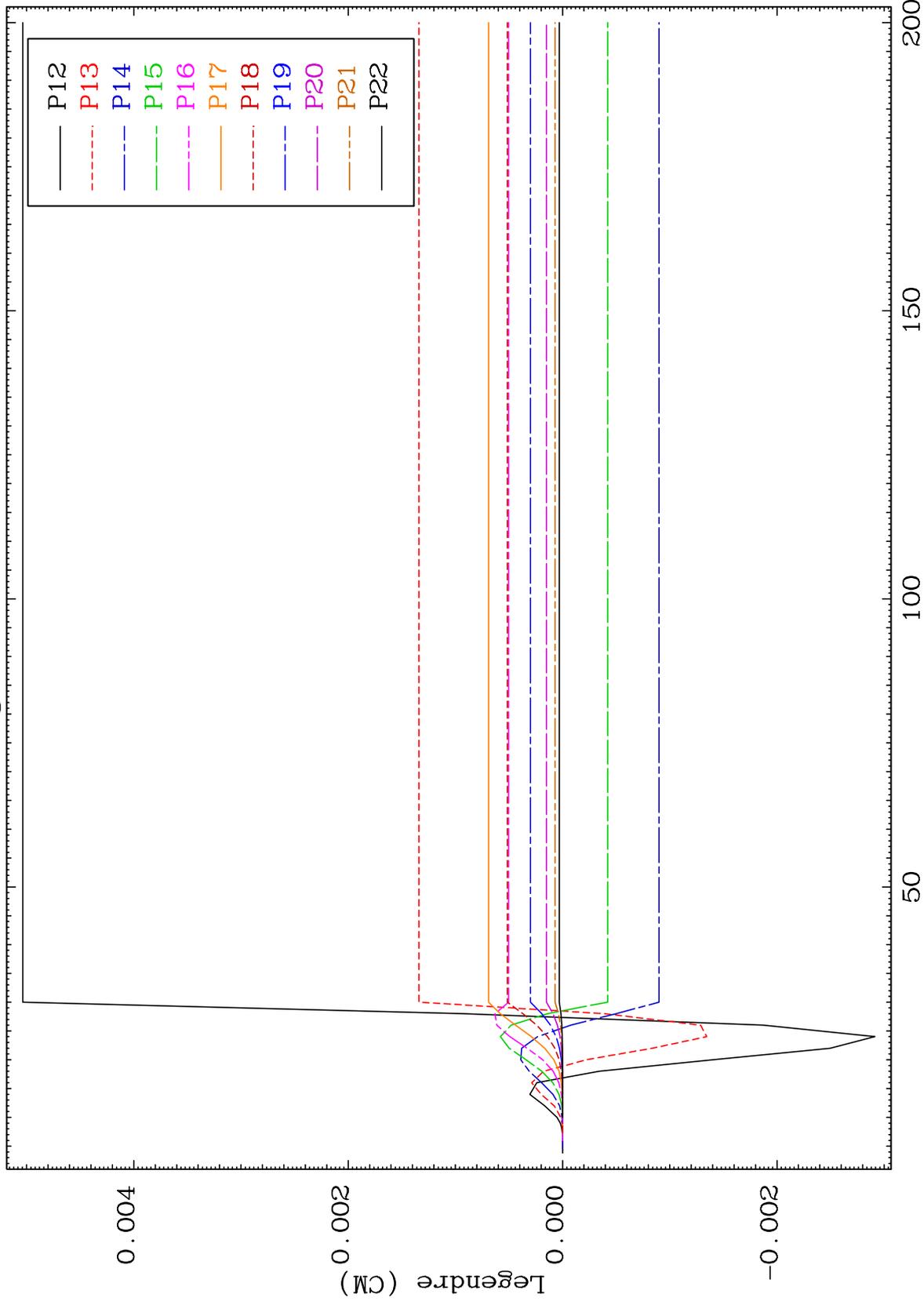
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

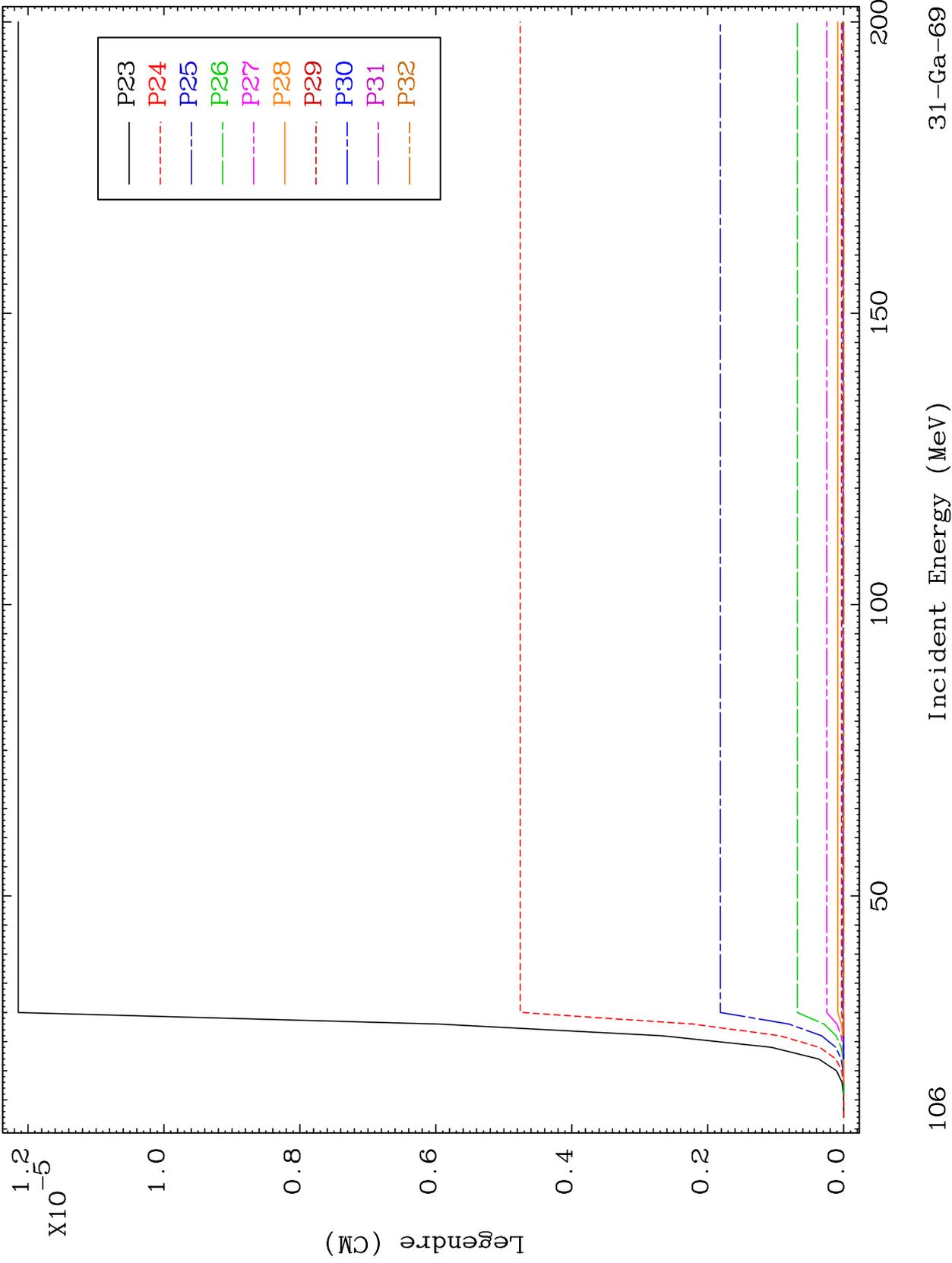
31-Ga-69



105

Incident Energy (MeV)

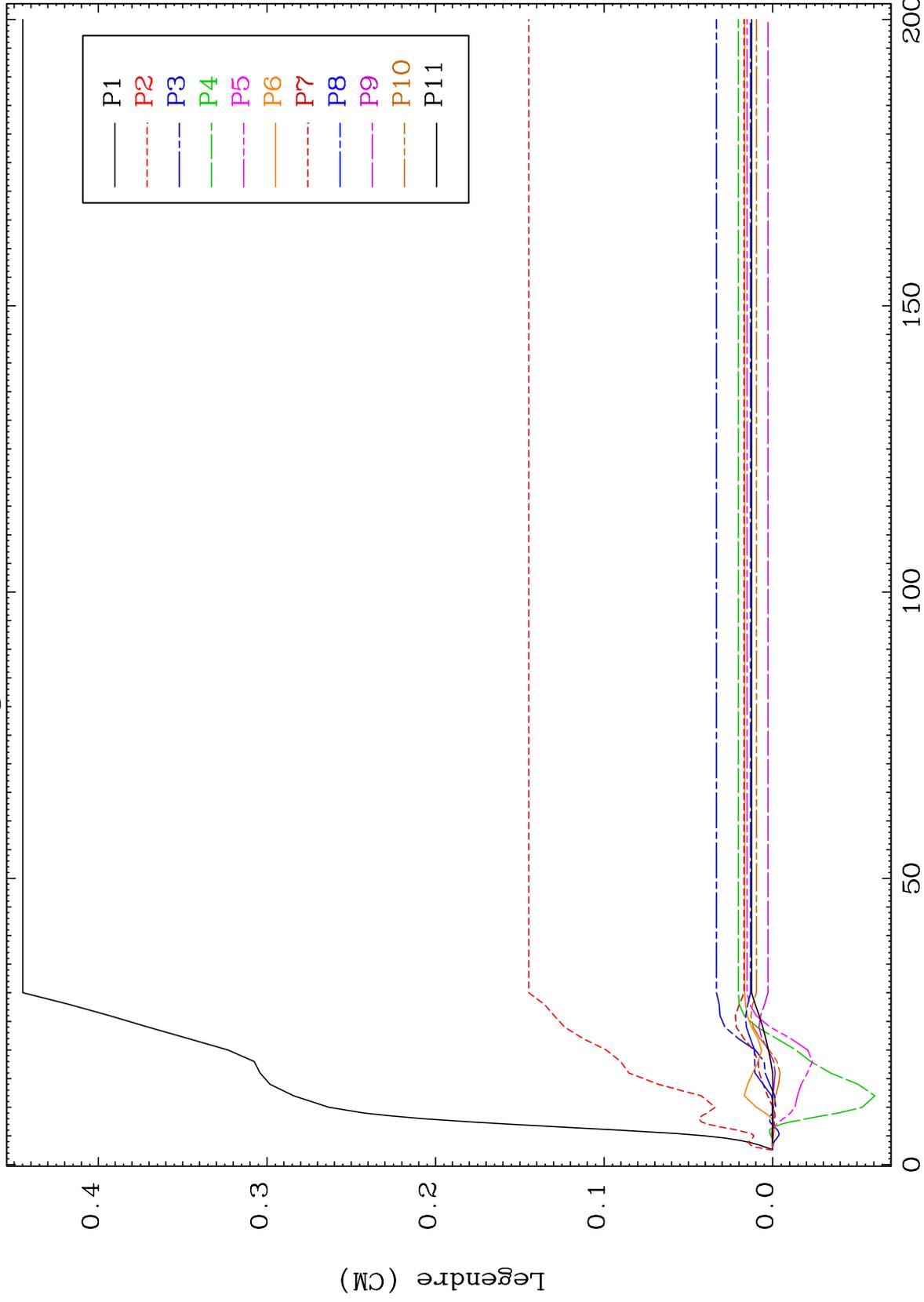
31-Ga-69



MAT 3125

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

31-Ga-69



107

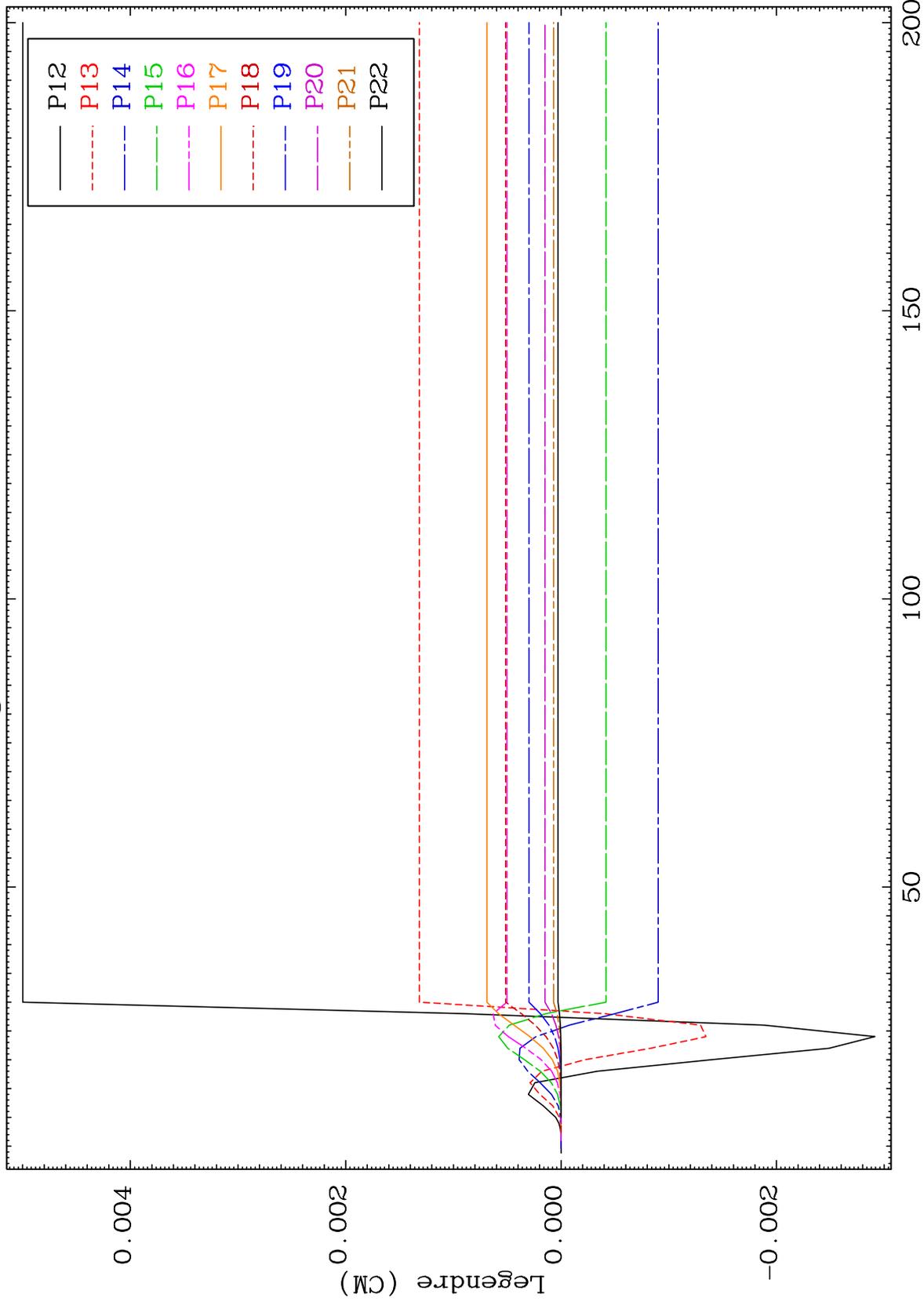
Incident Energy (MeV)

31-Ga-69

MAT 3125

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

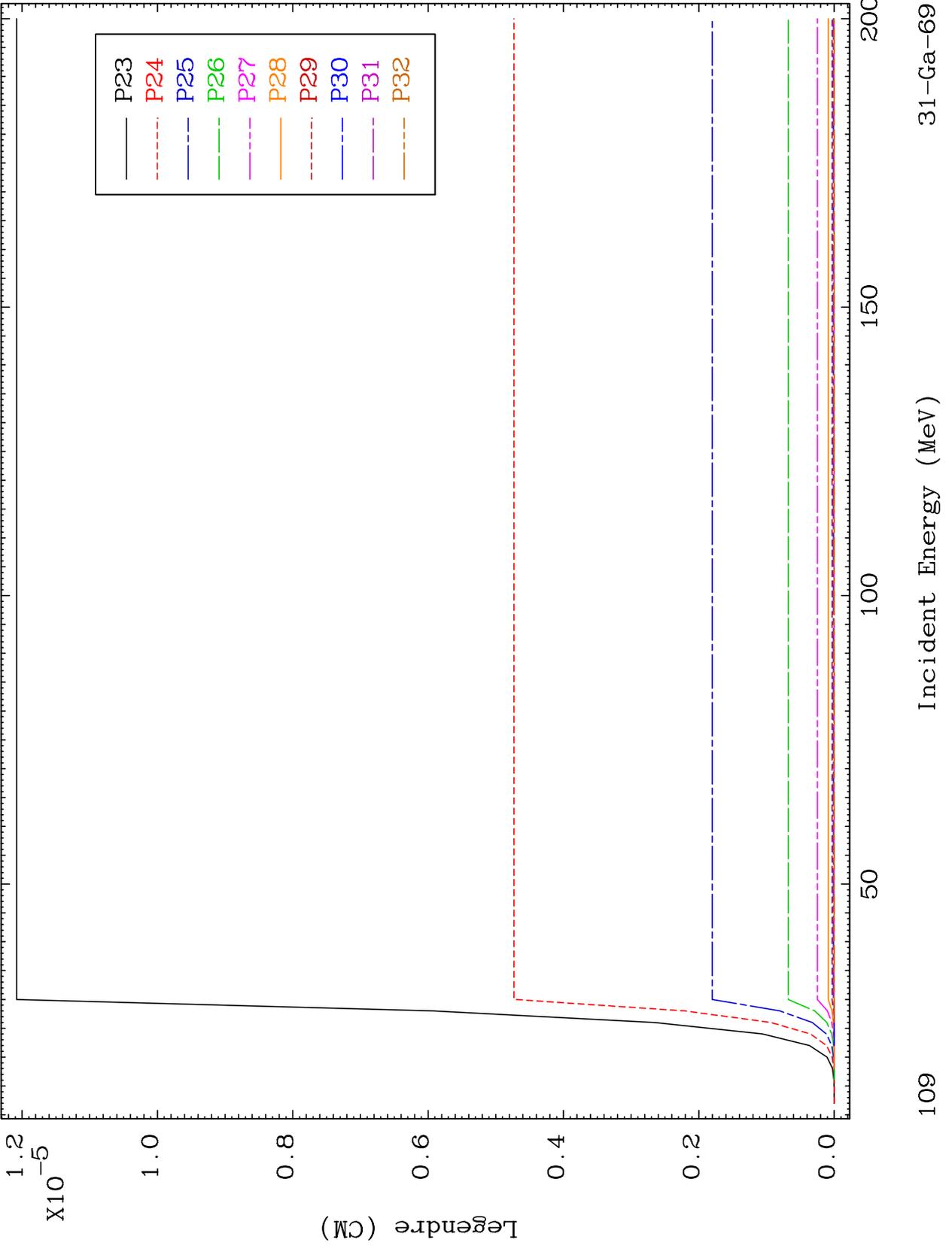
31-Ga-69



108

Incident Energy (MeV)

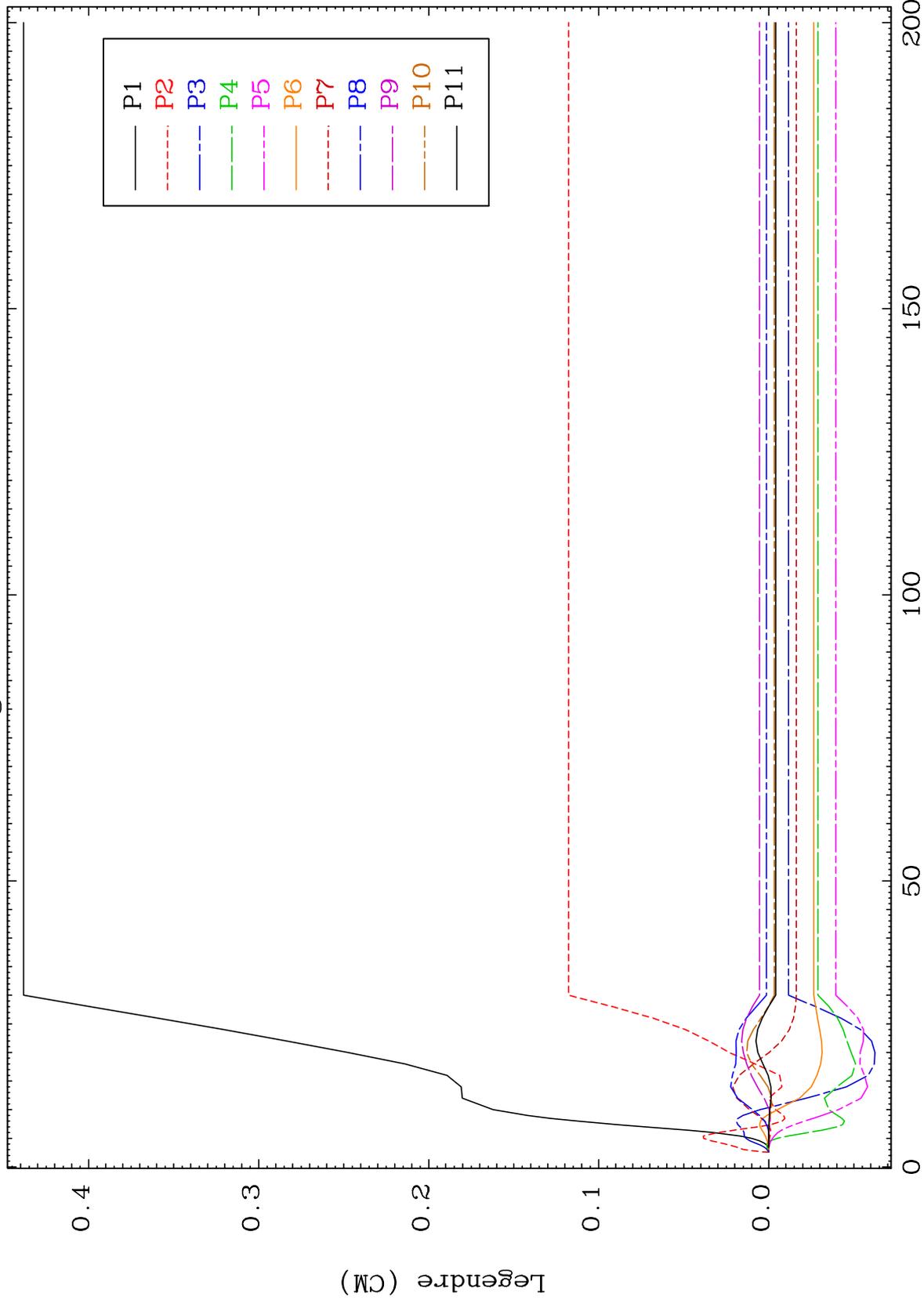
31-Ga-69



MAT 3125

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

31-Ga-69



31-Ga-69

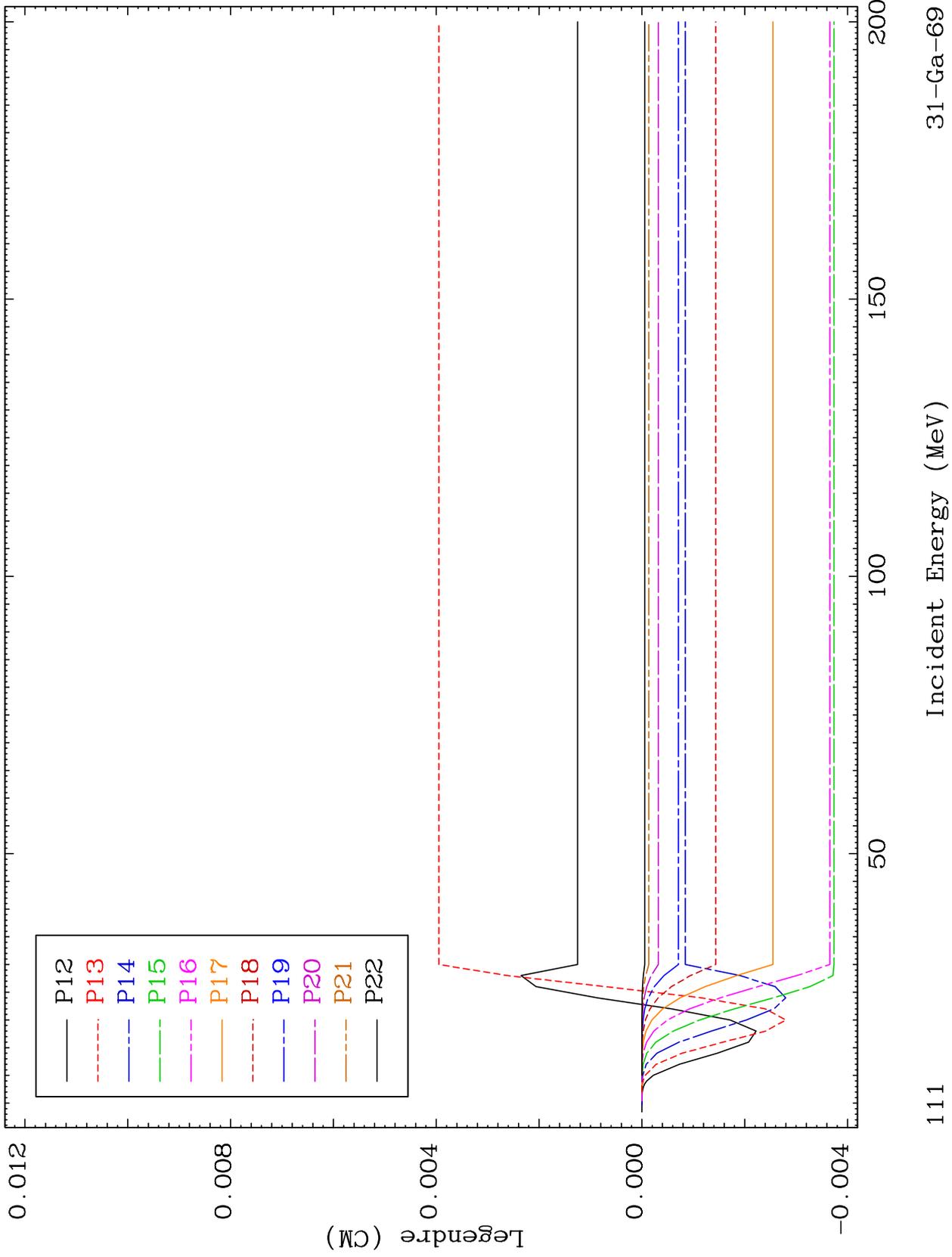
Incident Energy (MeV)

110

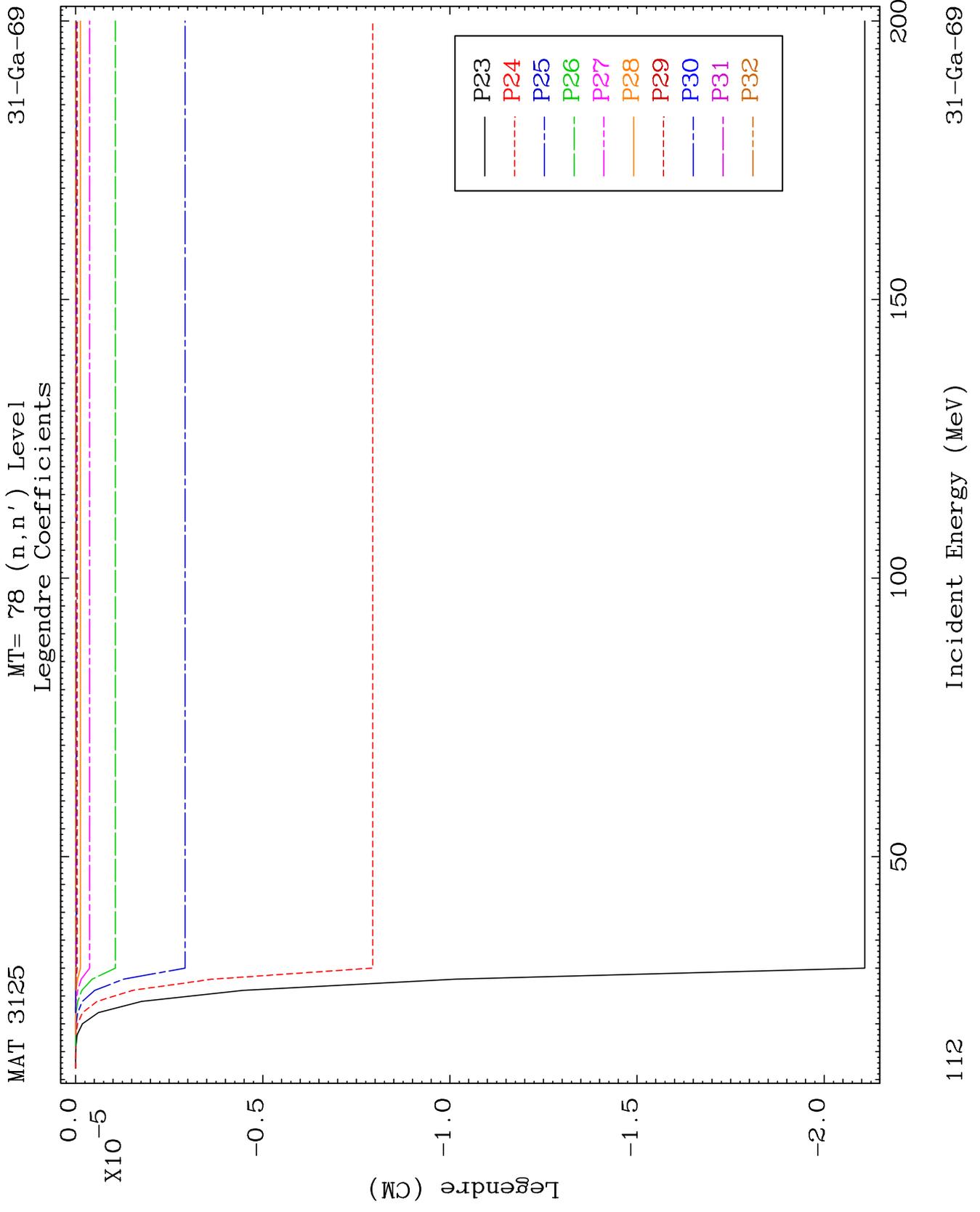
MAT 3125

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

31-Ga-69



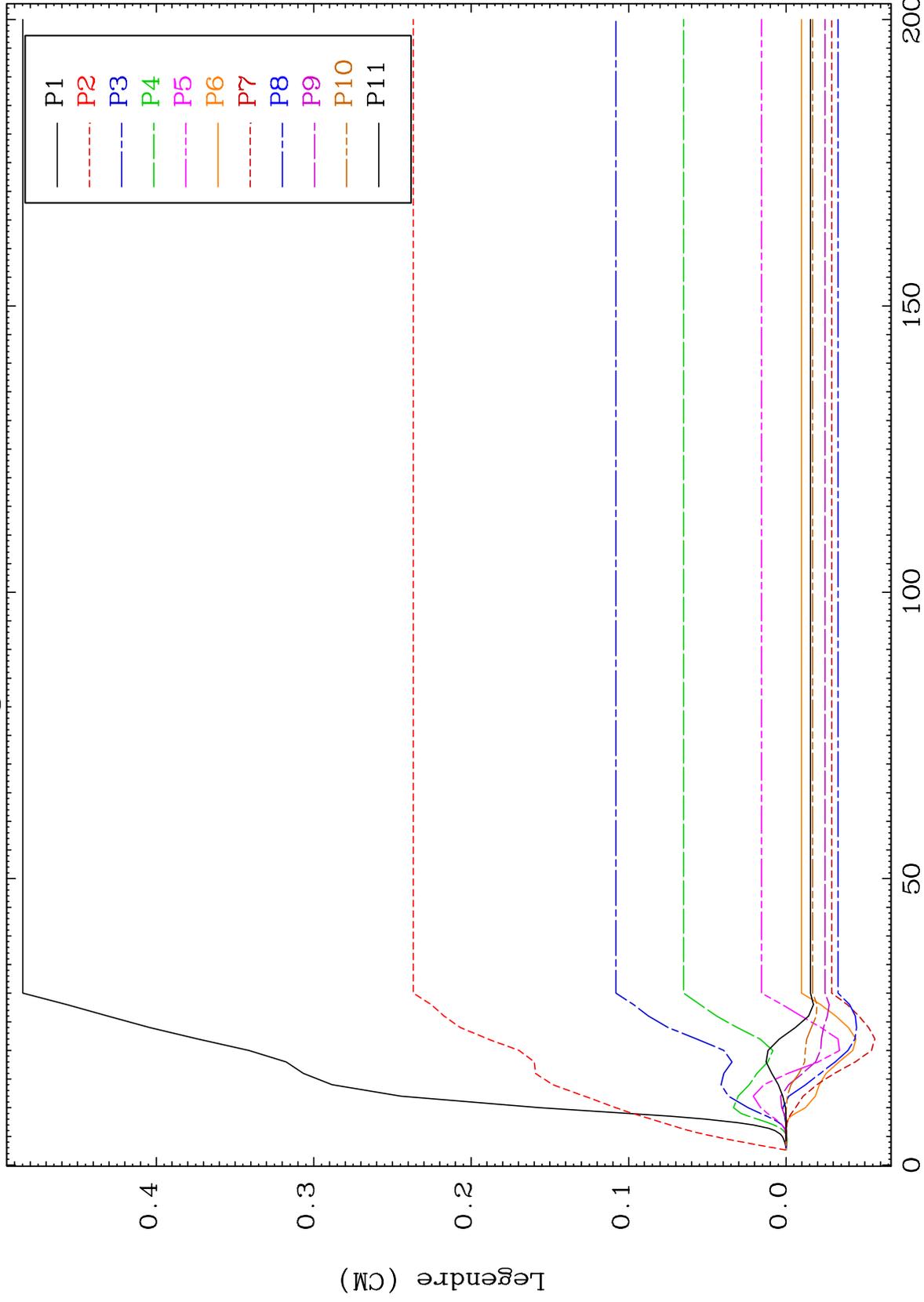
111



MAT 3125

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

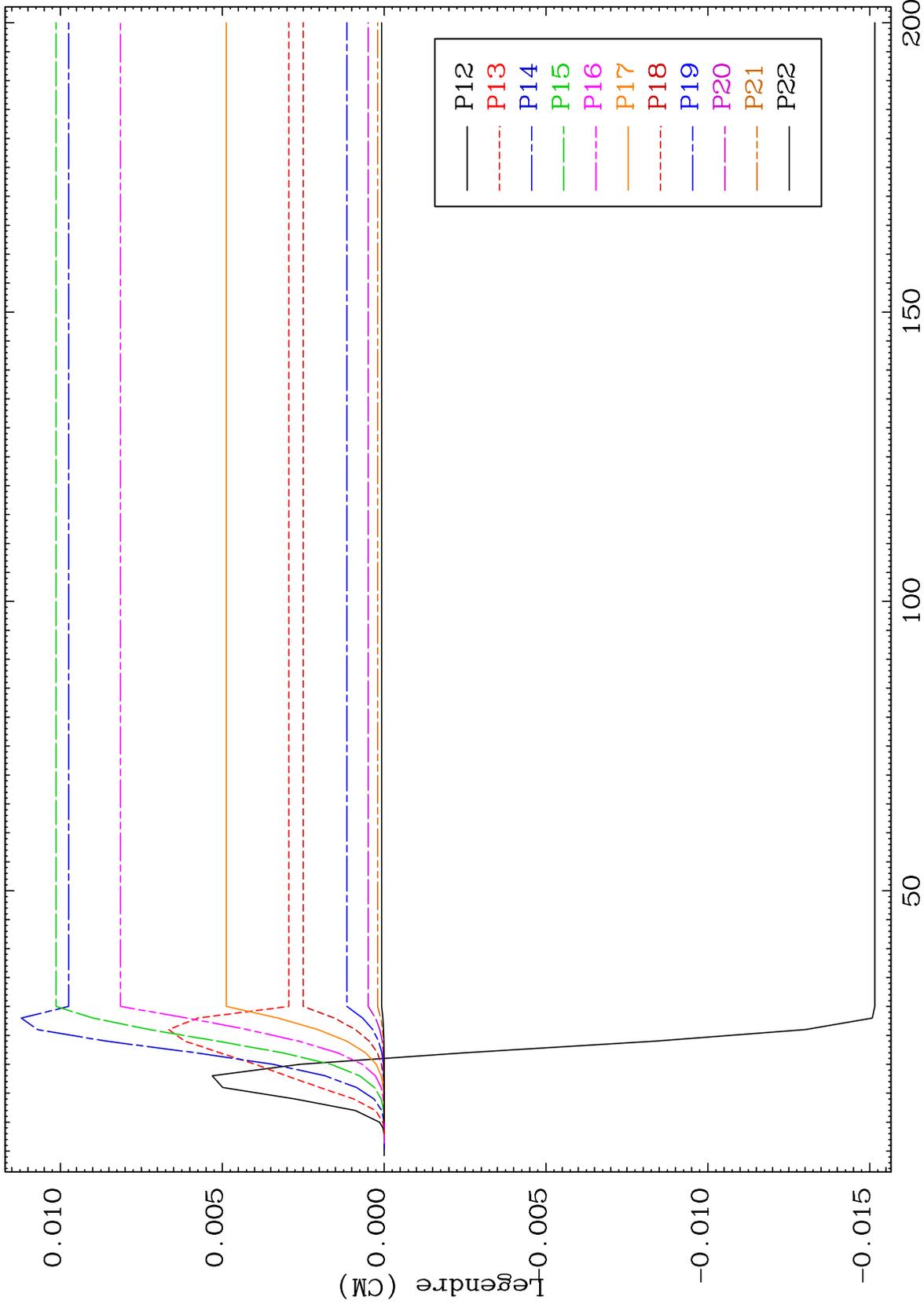
31-Ga-69



113

Incident Energy (MeV)

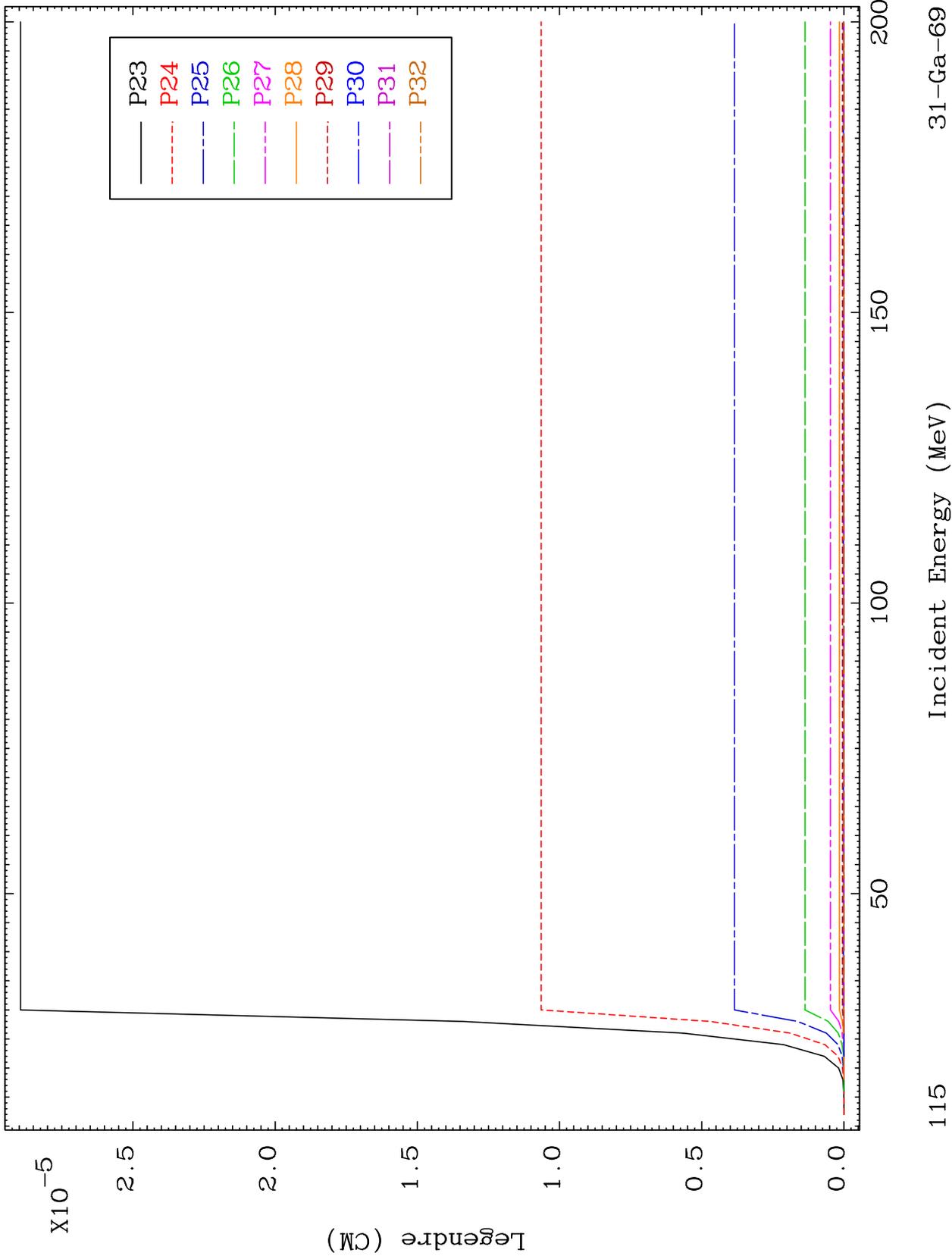
31-Ga-69



MAT 3125

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

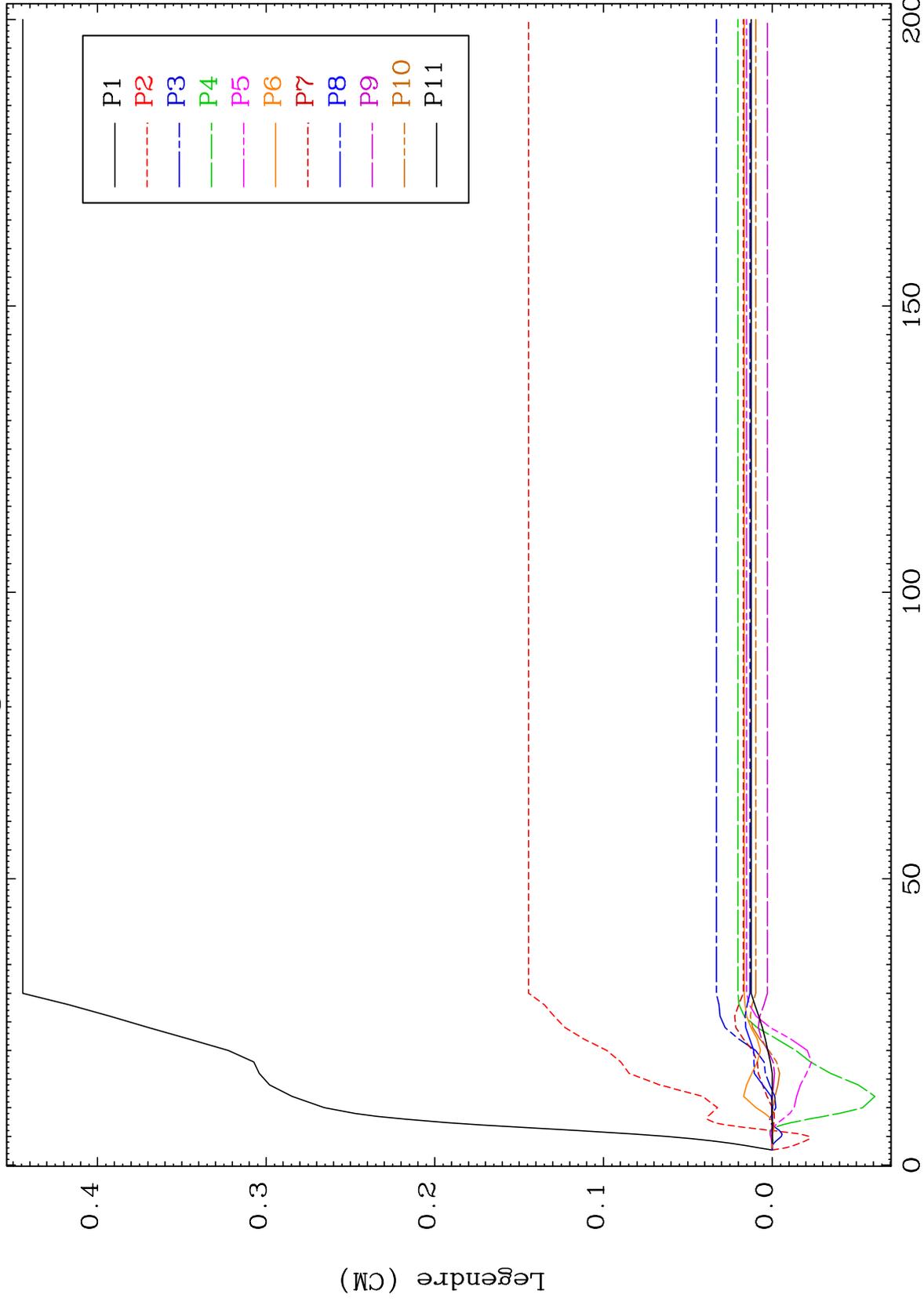
31-Ga-69



MAT 3125

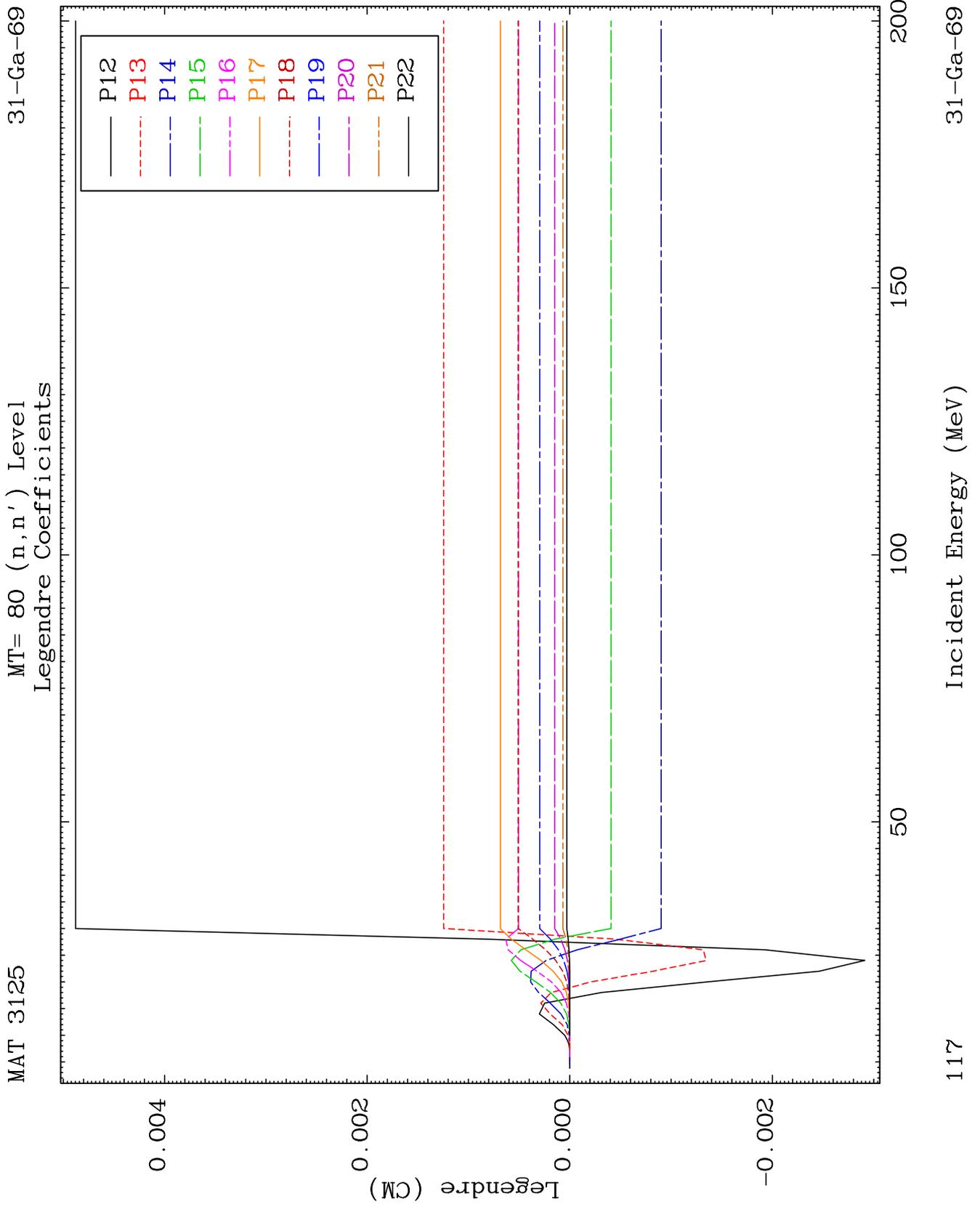
MT= 80 (n,n') Level
Legendre Coefficients

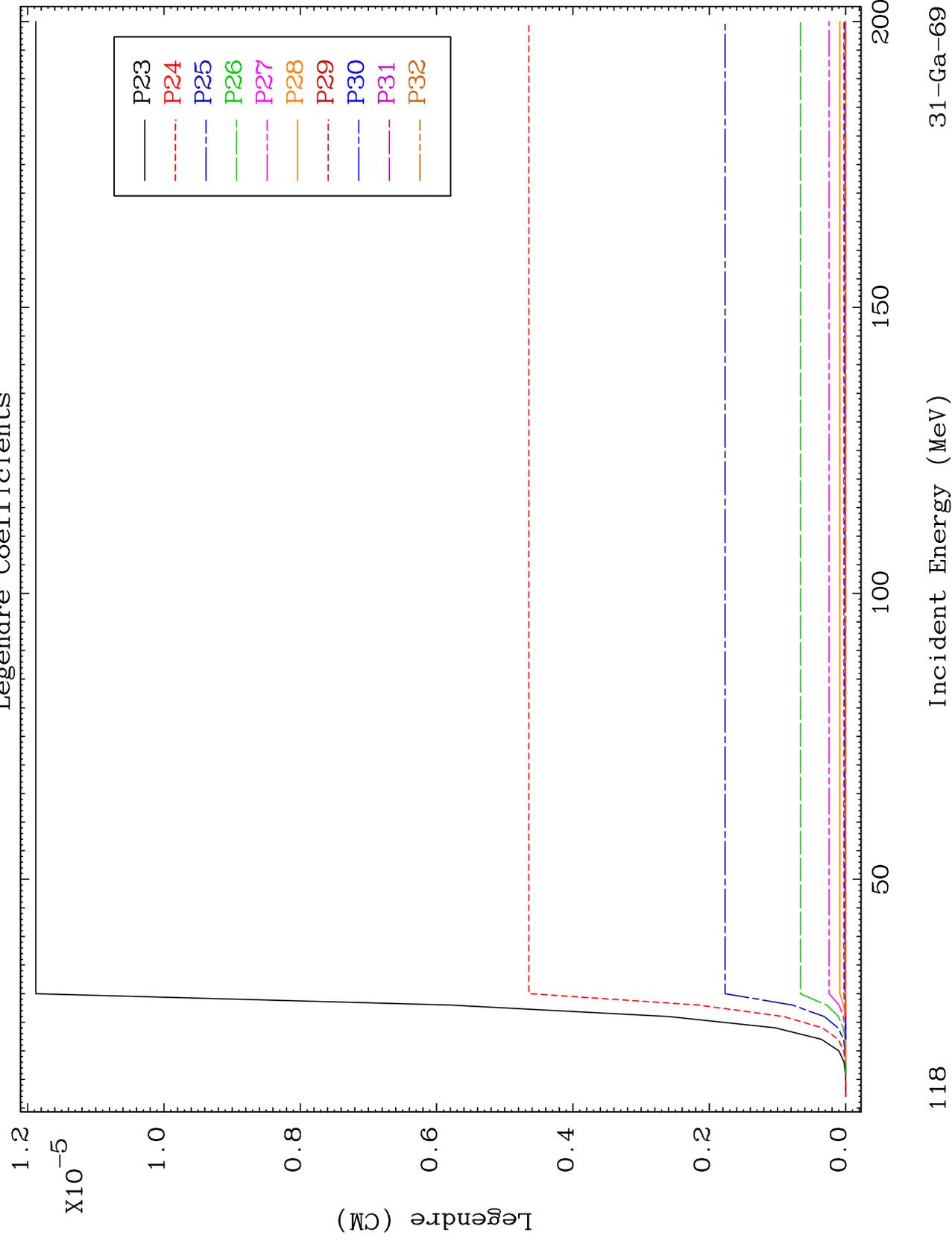
31-Ga-69



116

31-Ga-69

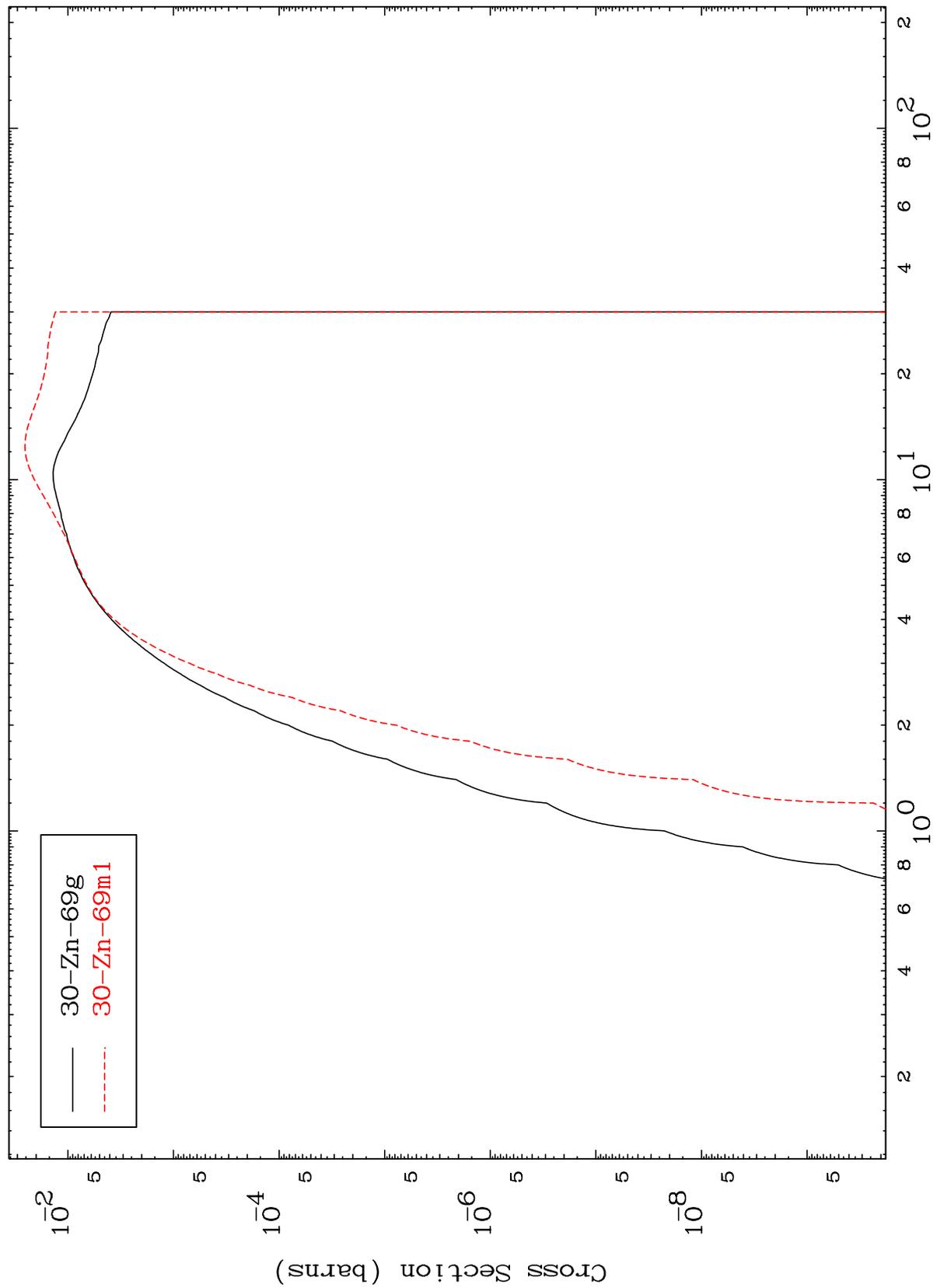




MAT 3125

31-Ga-69

(n,p)
Radionuclide Production Cross Section



— 30-Zn-69g
- - - 30-Zn-69m1

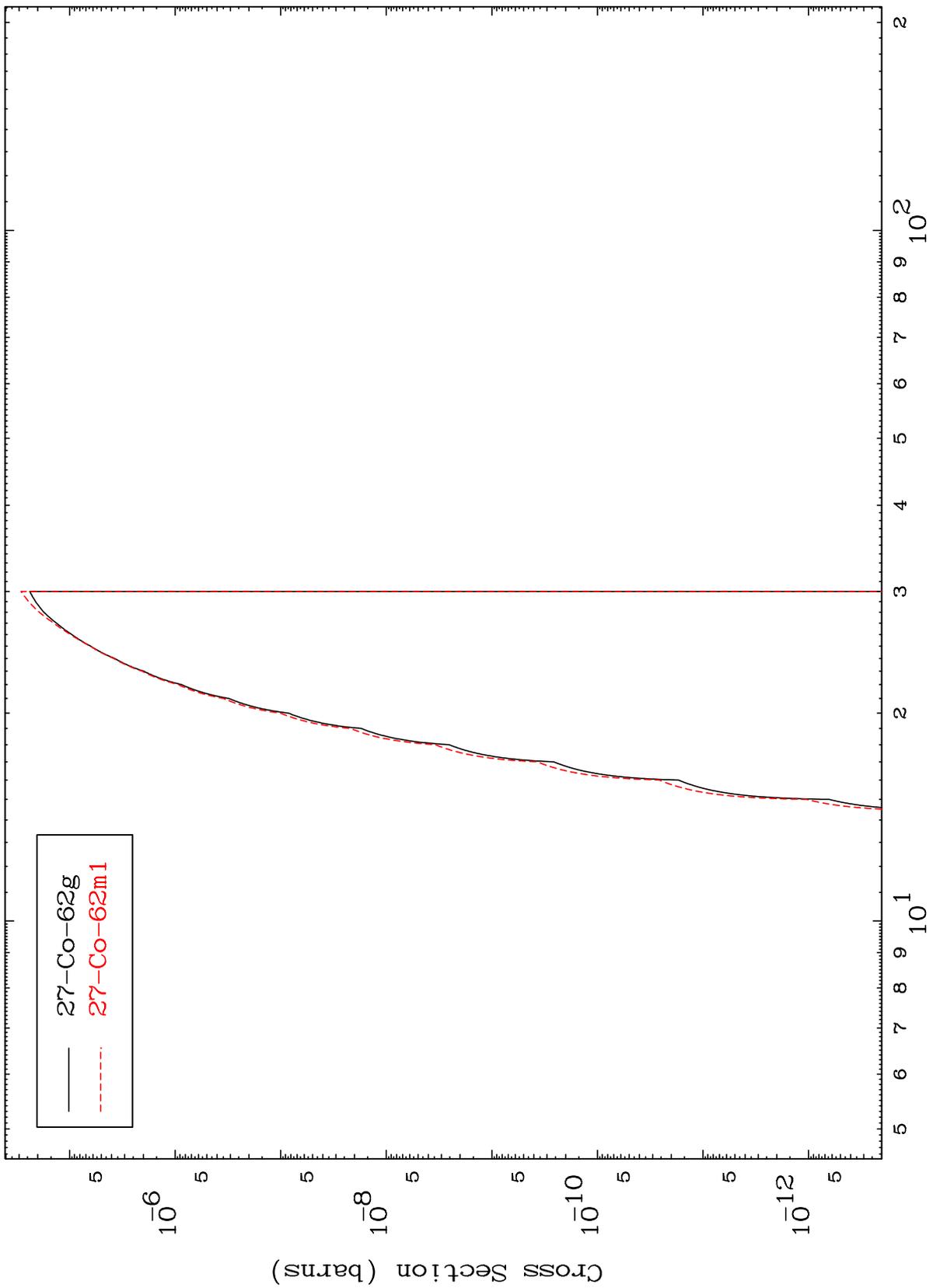
119

31-Ga-69

MAT 3125

31-Ga-69

(n,2α)
Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

120

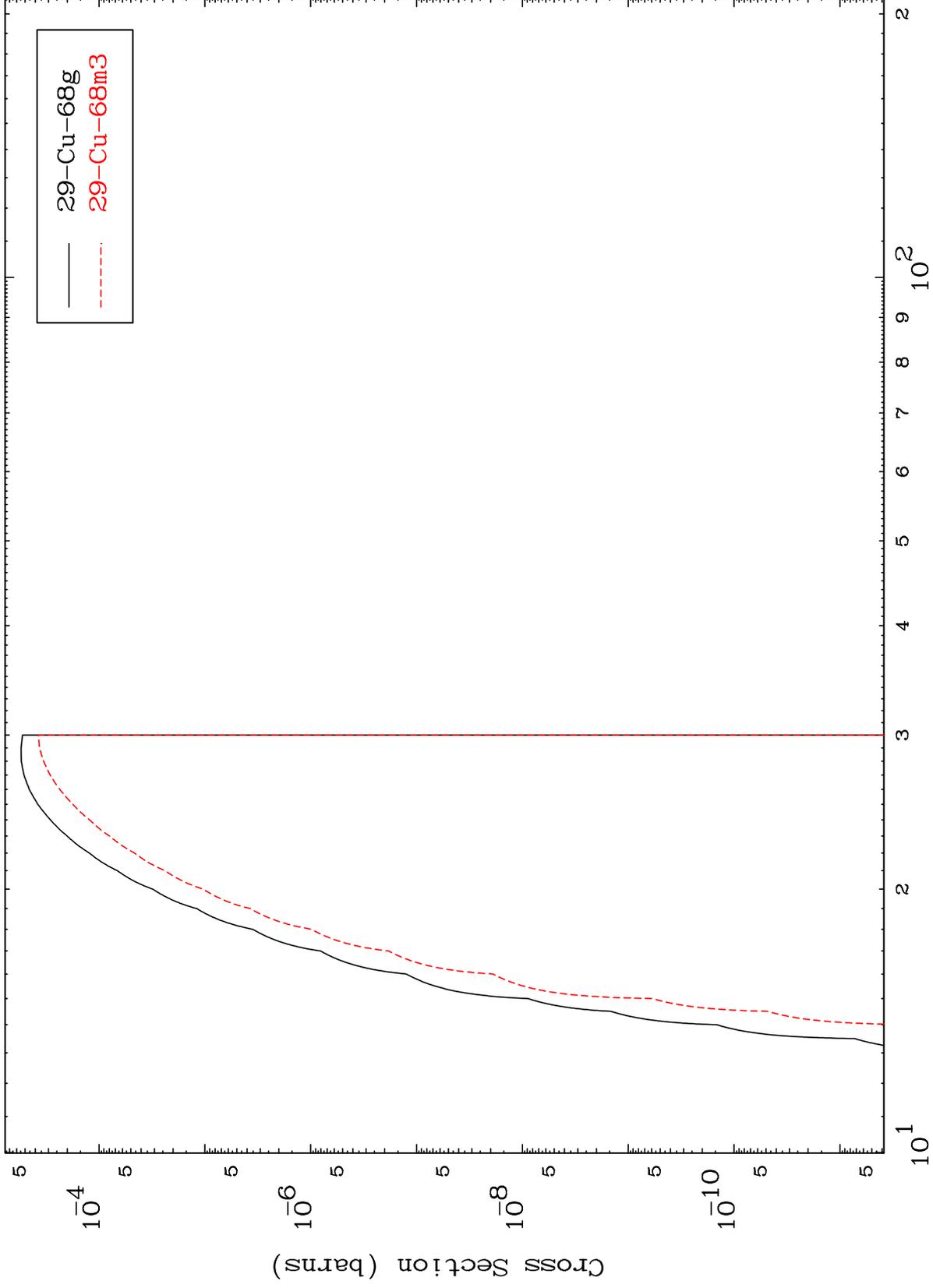
Incident Energy (MeV)

31-Ga-69

MAT 3125

31-Ga-69

(n,2p)
Radionuclide Production Cross Section



31-Ga-69

Incident Energy (MeV)

121