

Program EVALPLOT
(Version 2015-2)

by

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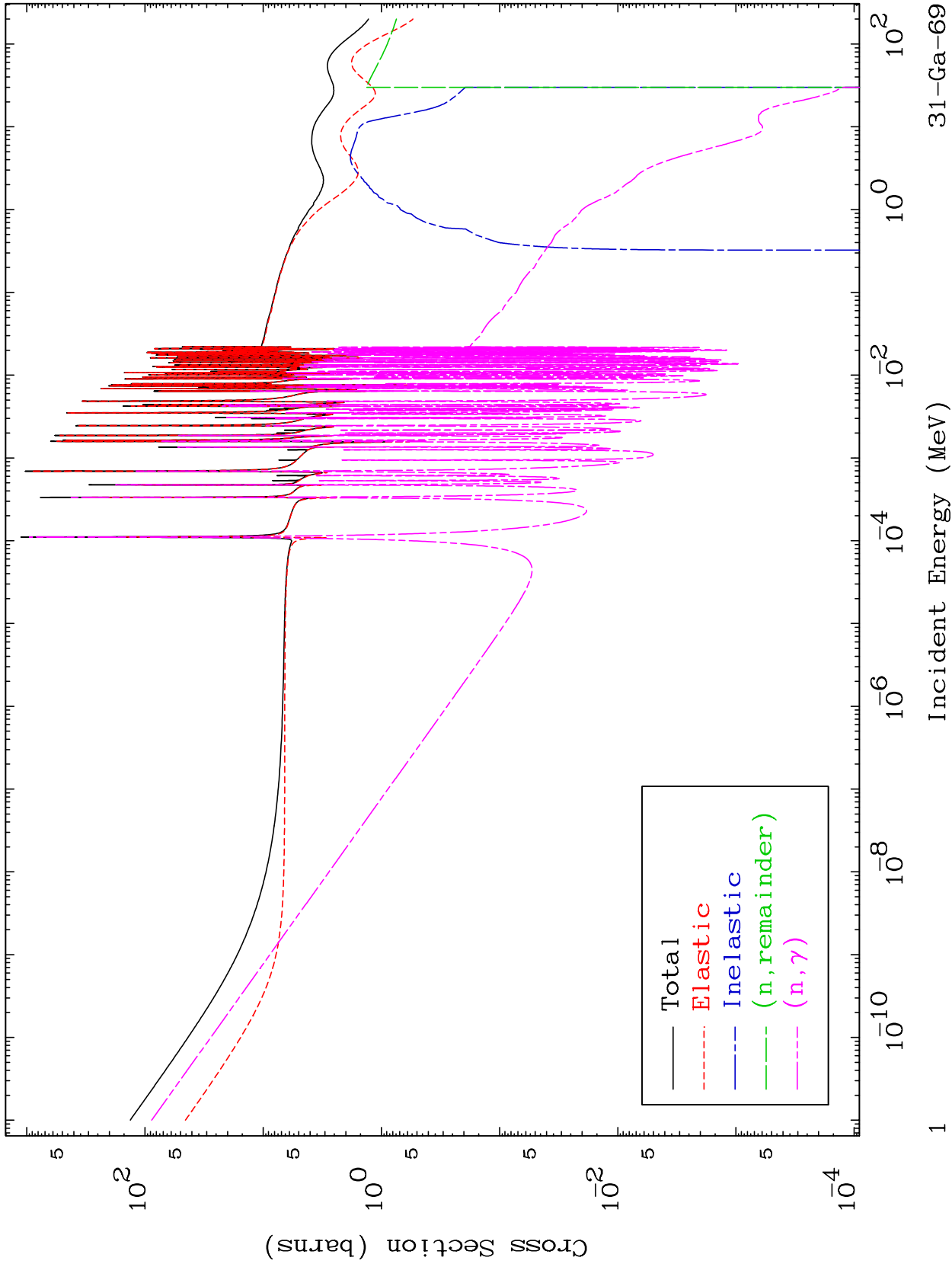
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3125

Major
293 Kelvin Cross Sections

31-Ga-69



1

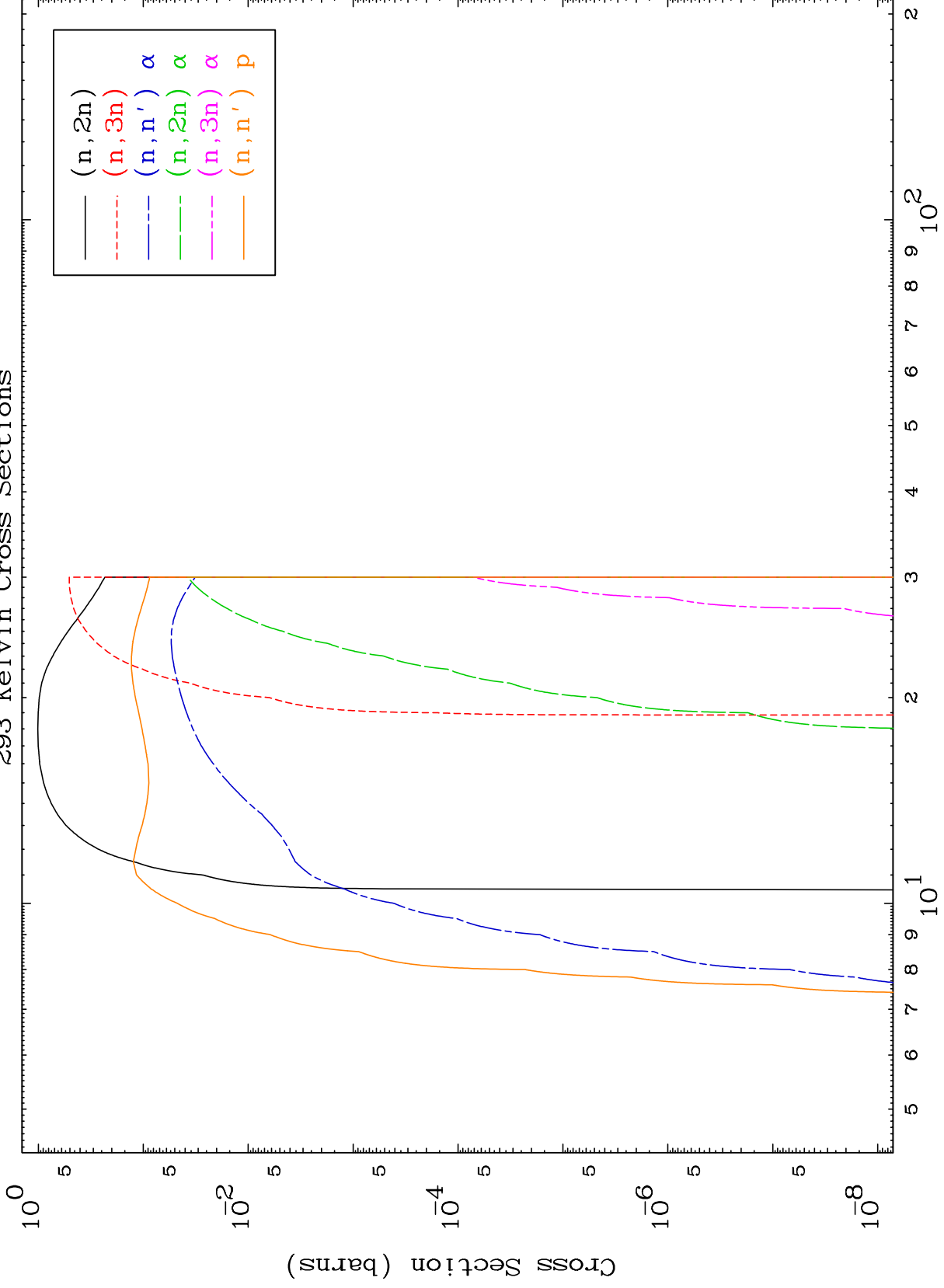
Incident Energy (MeV)

31-Ga-69

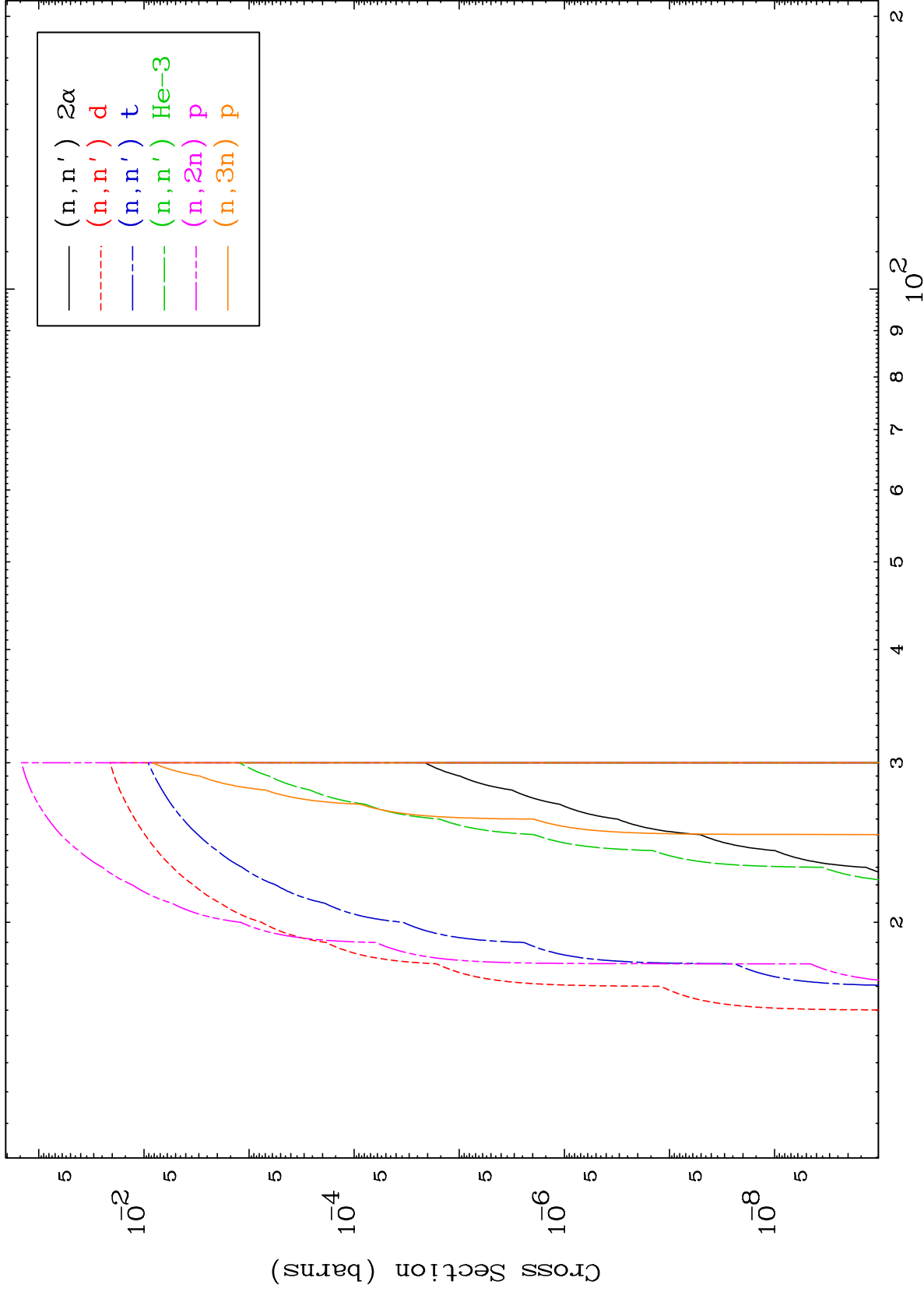
MAT 3125

Neutron Production
293 Kelvin Cross Sections

31-Ga-69



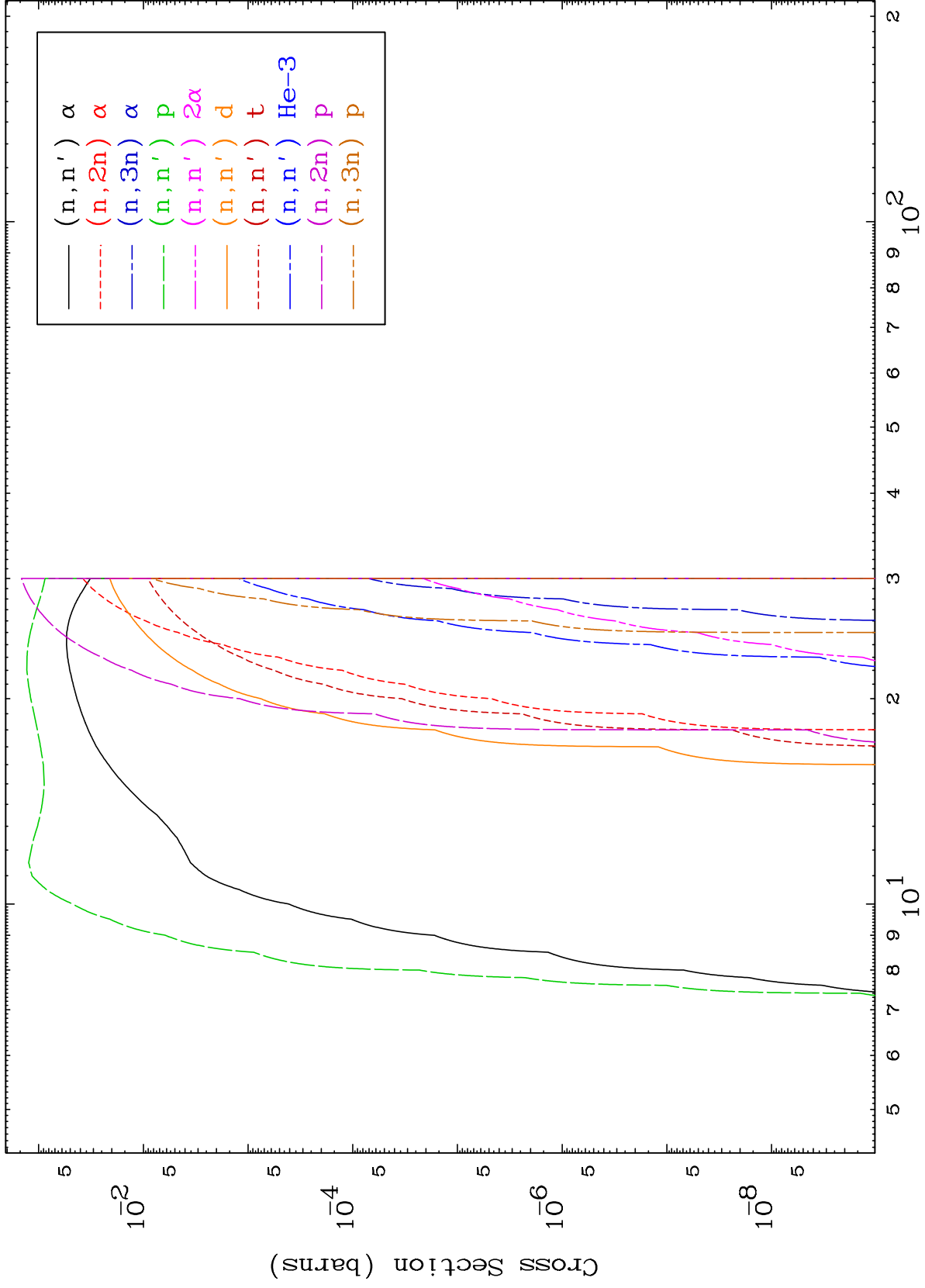
Neutron Production
293 Kelvin Cross Sections



MAT 3125

Charged Particle
293 Kelvin Cross Sections

31-Ga-69



4

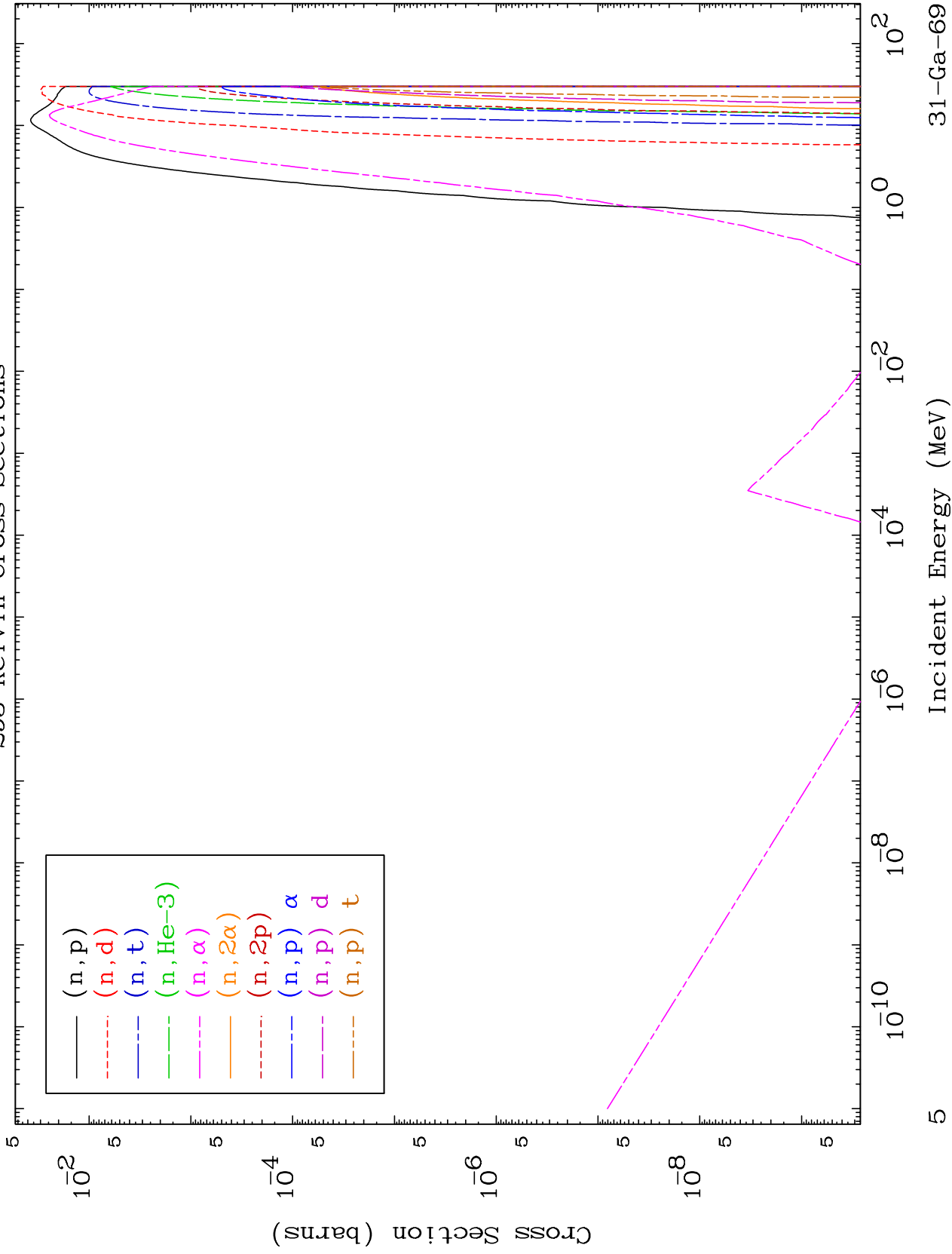
Incident Energy (MeV)

31-Ga-69

MAT 3125

Charged Particle
293 Kelvin Cross Sections

31-Ga-69



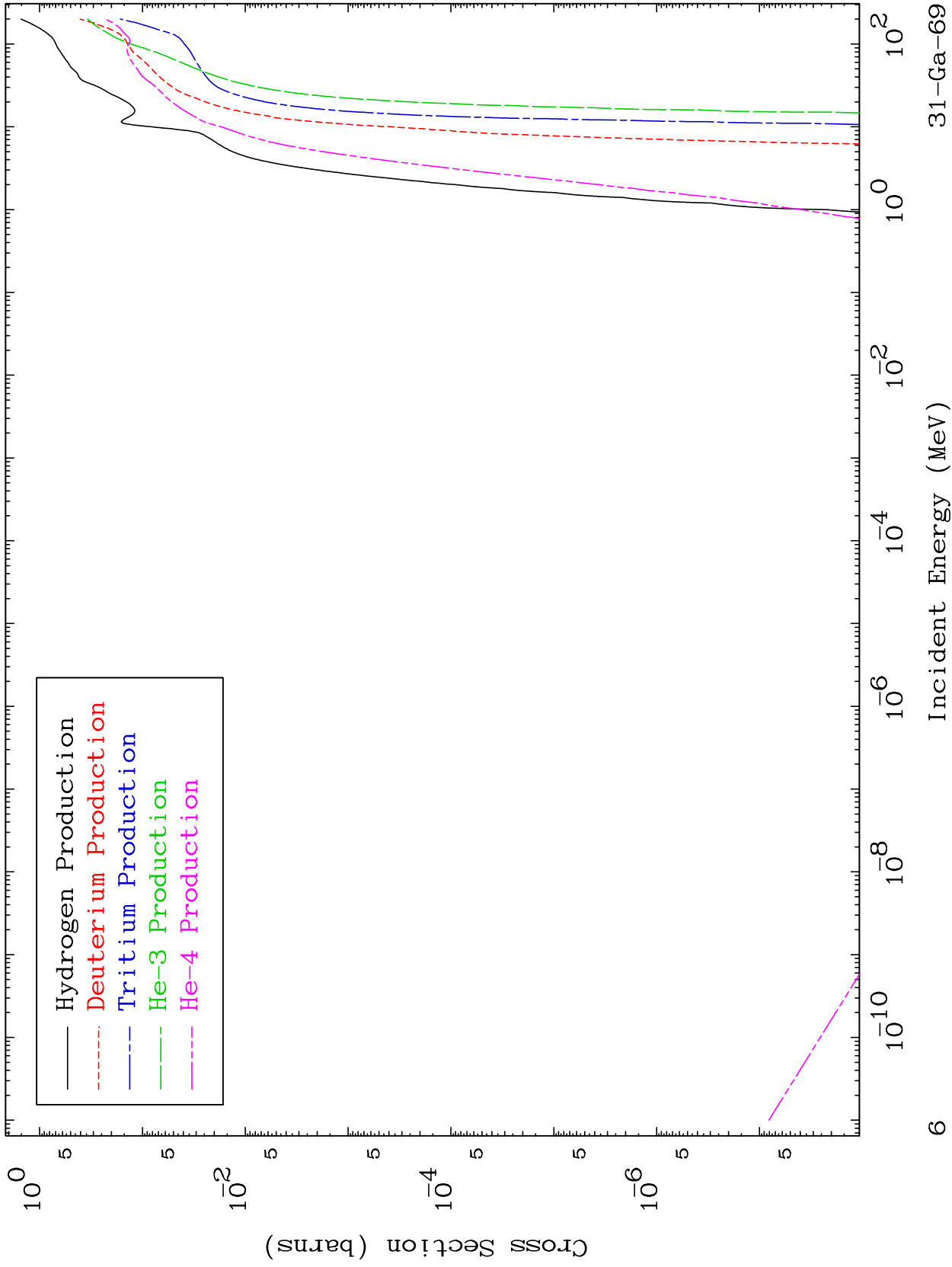
5

31-Ga-69

MAT 3125

Particle Production
293 Kelvin Cross Sections

31-Ga-69

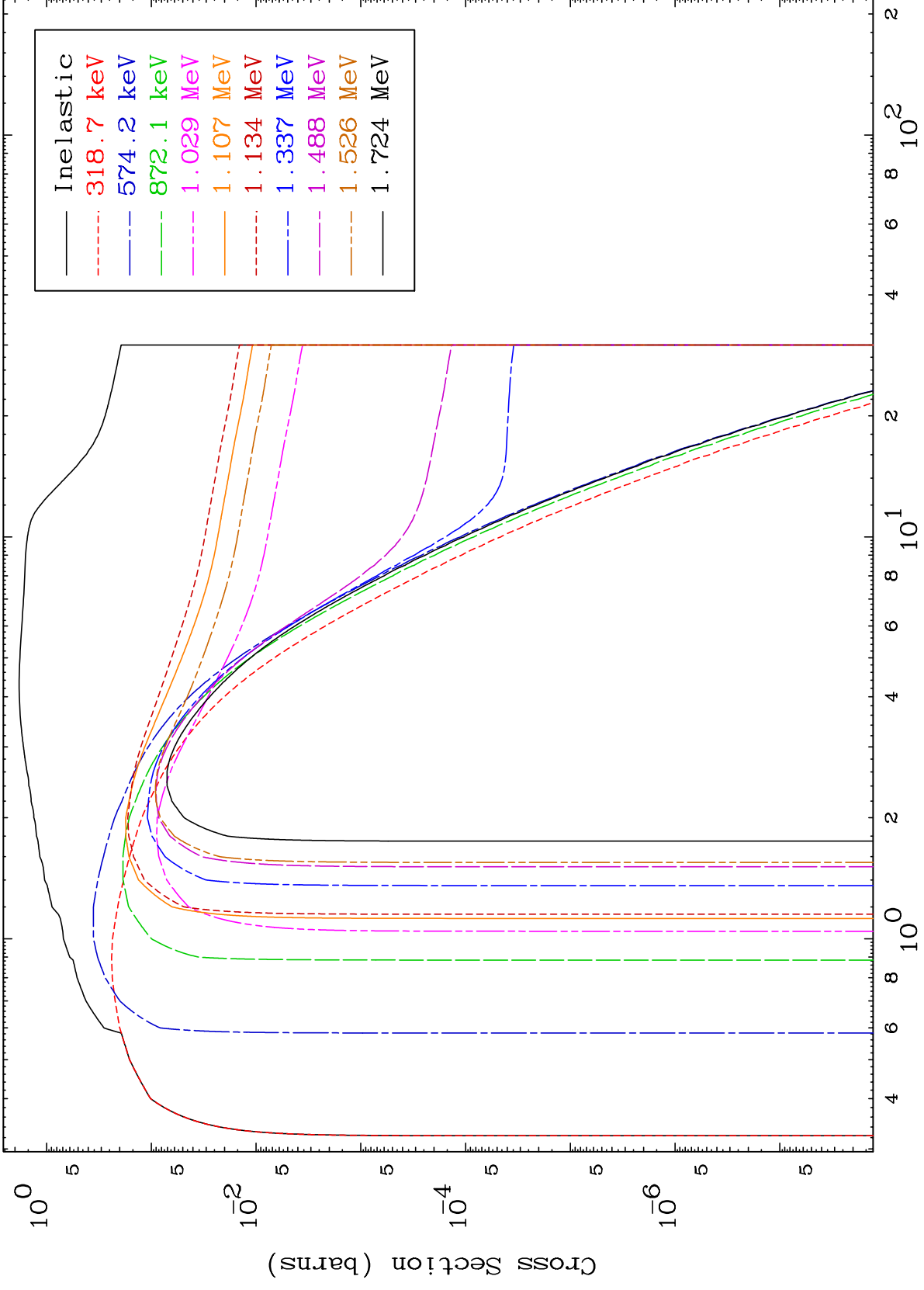


MAT 3125

(n,n') Level

31-Ga-69

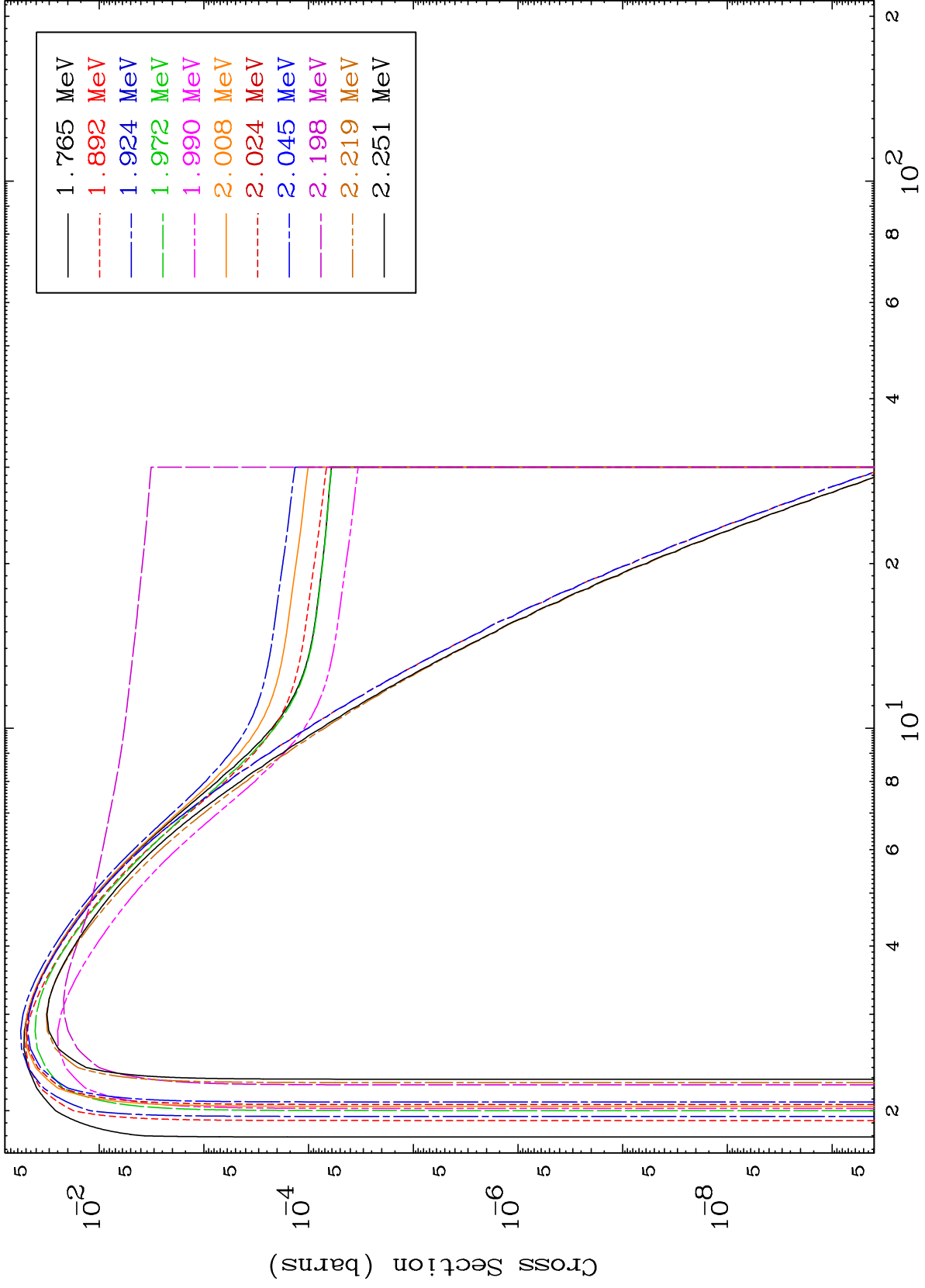
293 Kelvin Cross Sections



MAT 3125

(n,n') Level
293 Kelvin Cross Sections

31-Ga-69



8

Incident Energy (MeV)

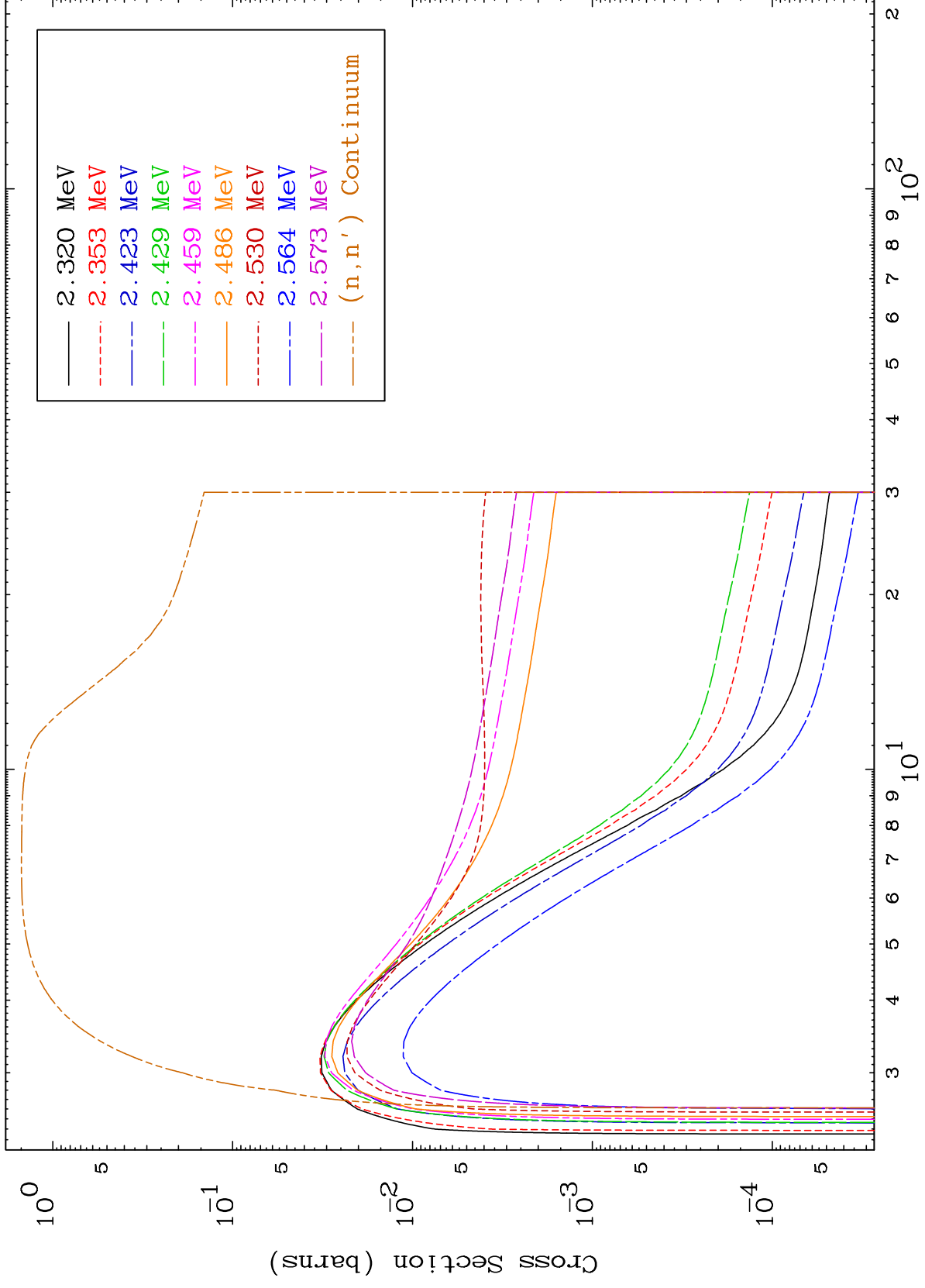
31-Ga-69

MAT 3125

(n,n') Level

31-Ga-69

293 Kelvin Cross Sections



9

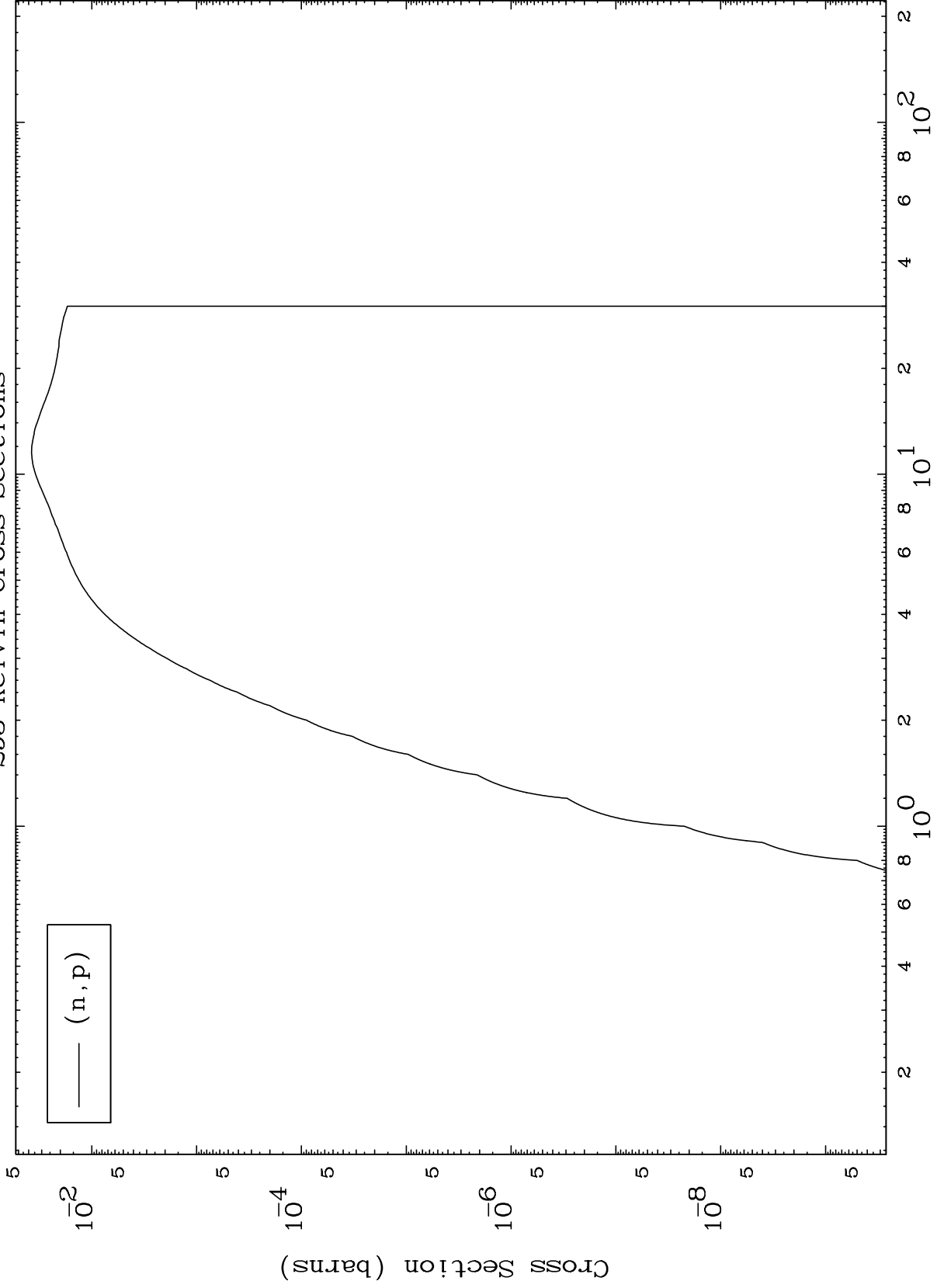
Incident Energy (MeV)

31-Ga-69

MAT 3125

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-69



10

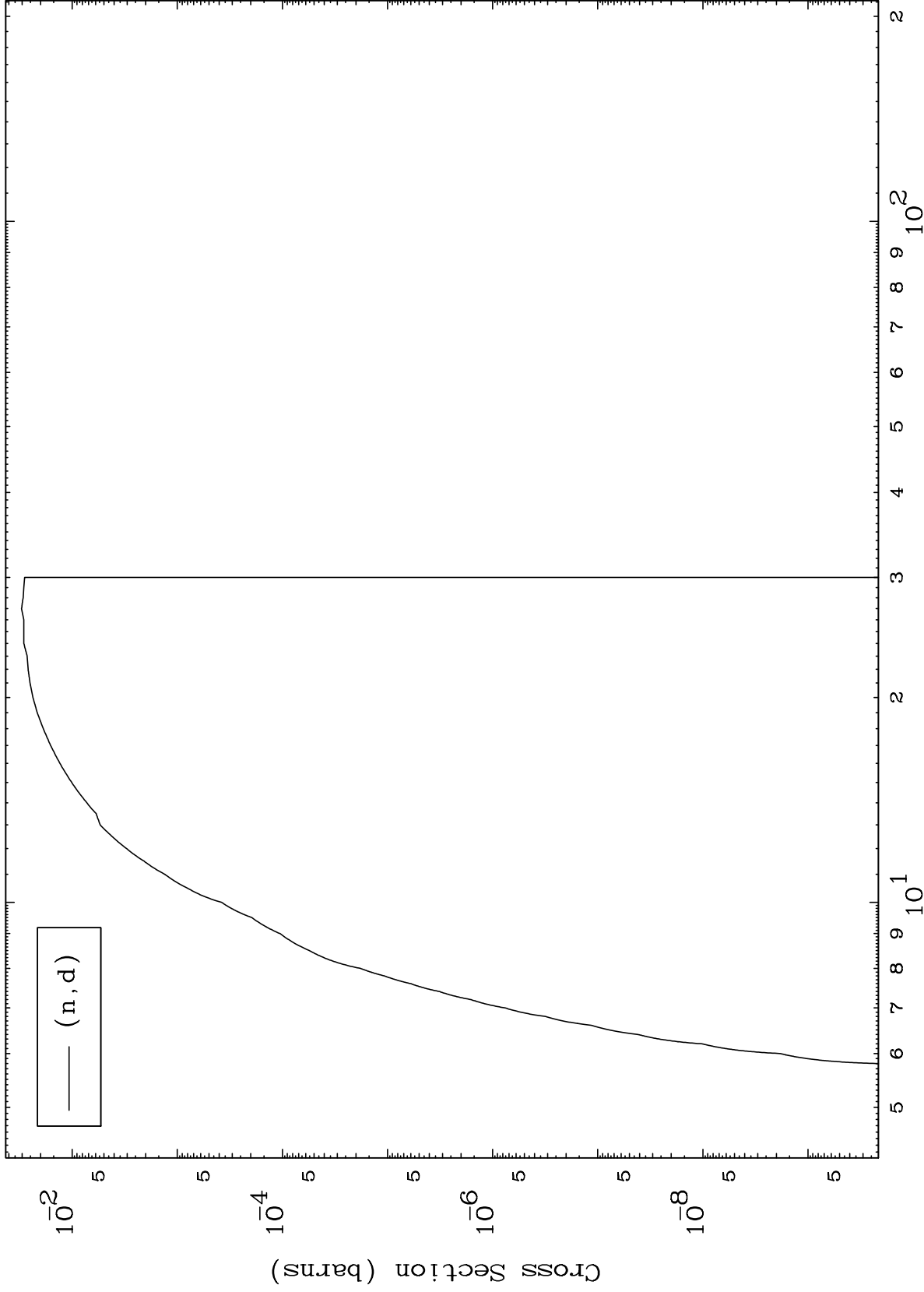
Incident Energy (MeV)

31-Ga-69

MAT 3125

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-69



11

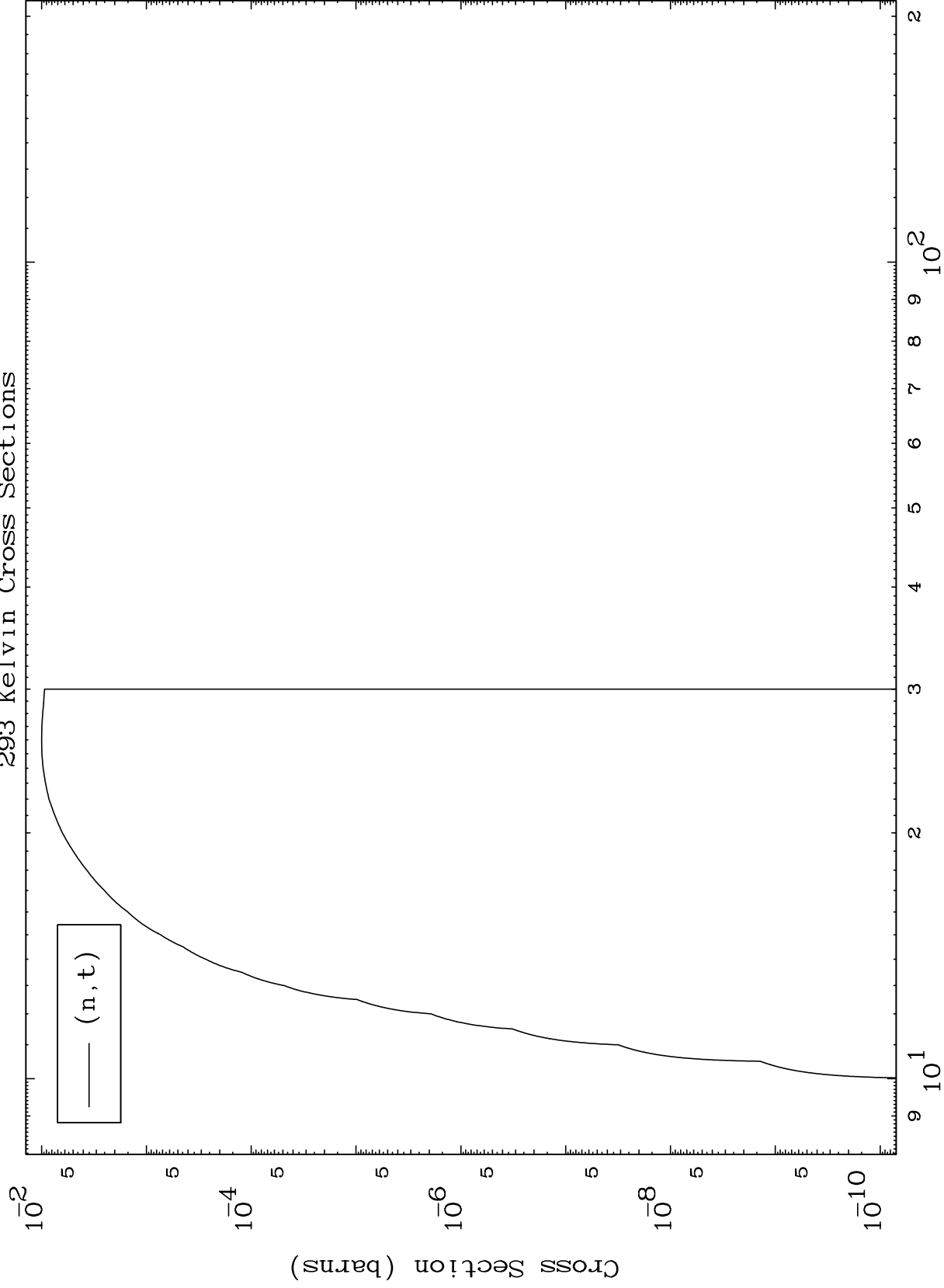
Incident Energy (MeV)

31-Ga-69

MAT 3125

31-Ga-69

(n,t) Levels
293 Kelvin Cross Sections



31-Ga-69

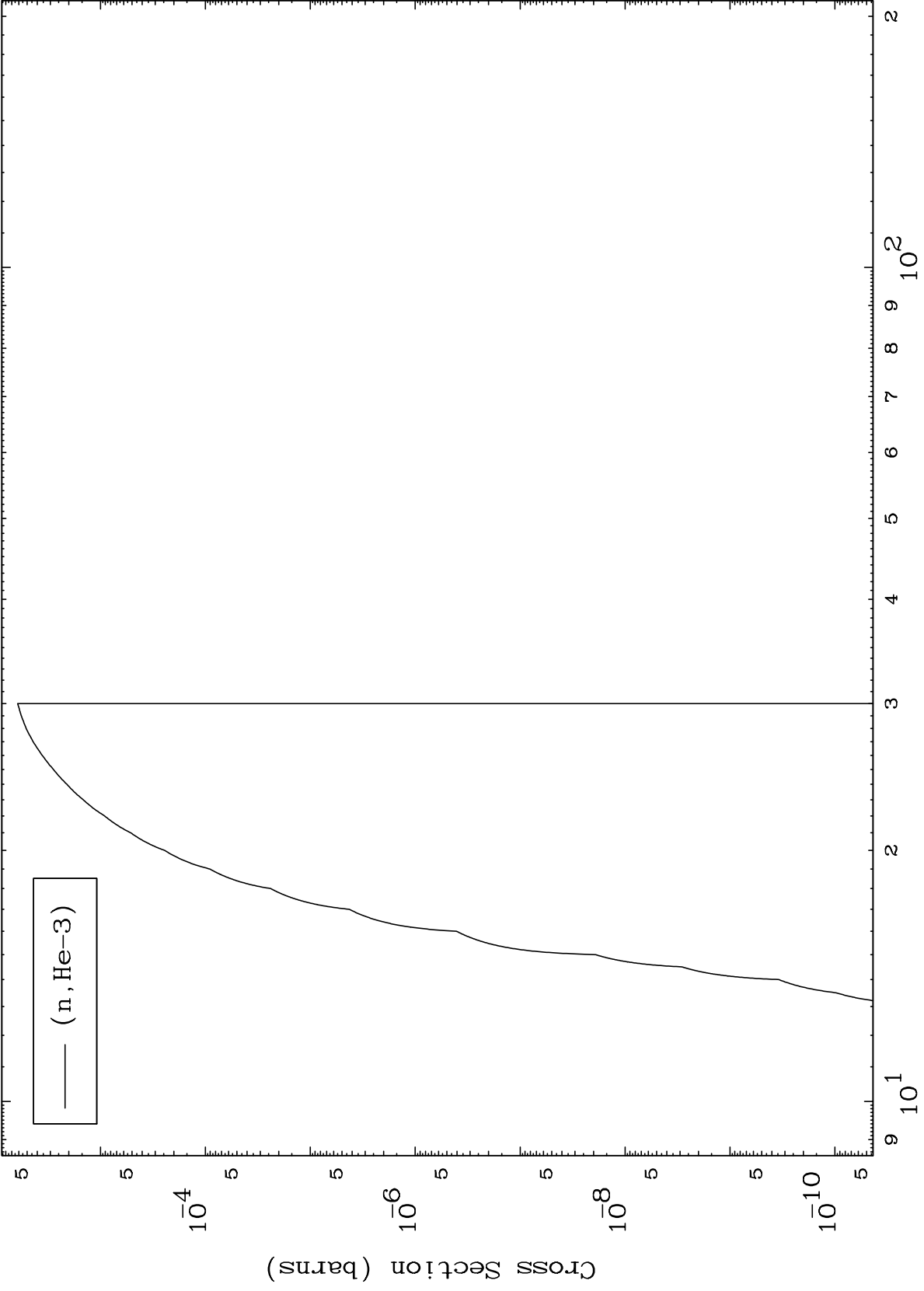
Incident Energy (MeV)

12

MAT 3125

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-69



13

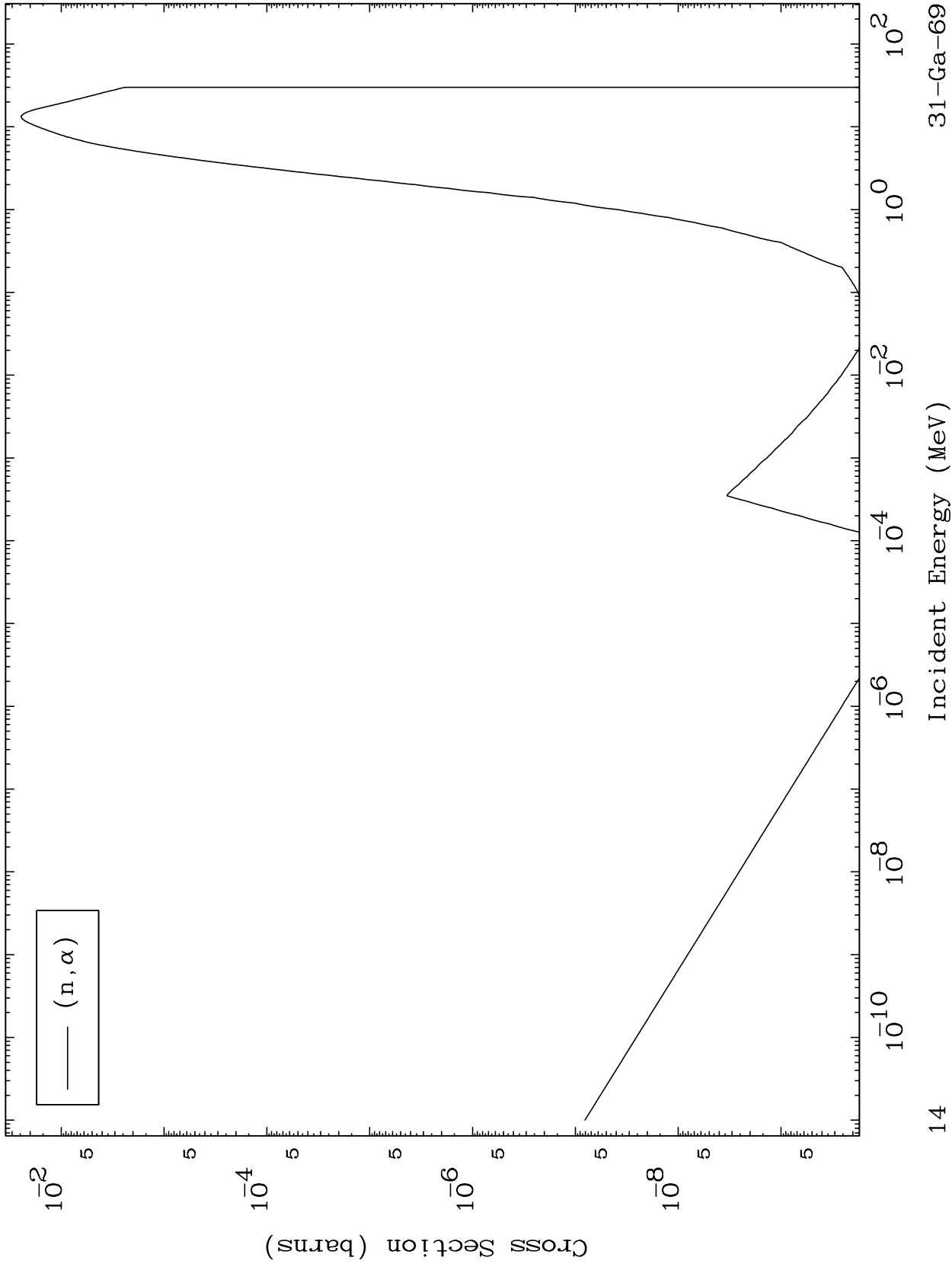
Incident Energy (MeV)

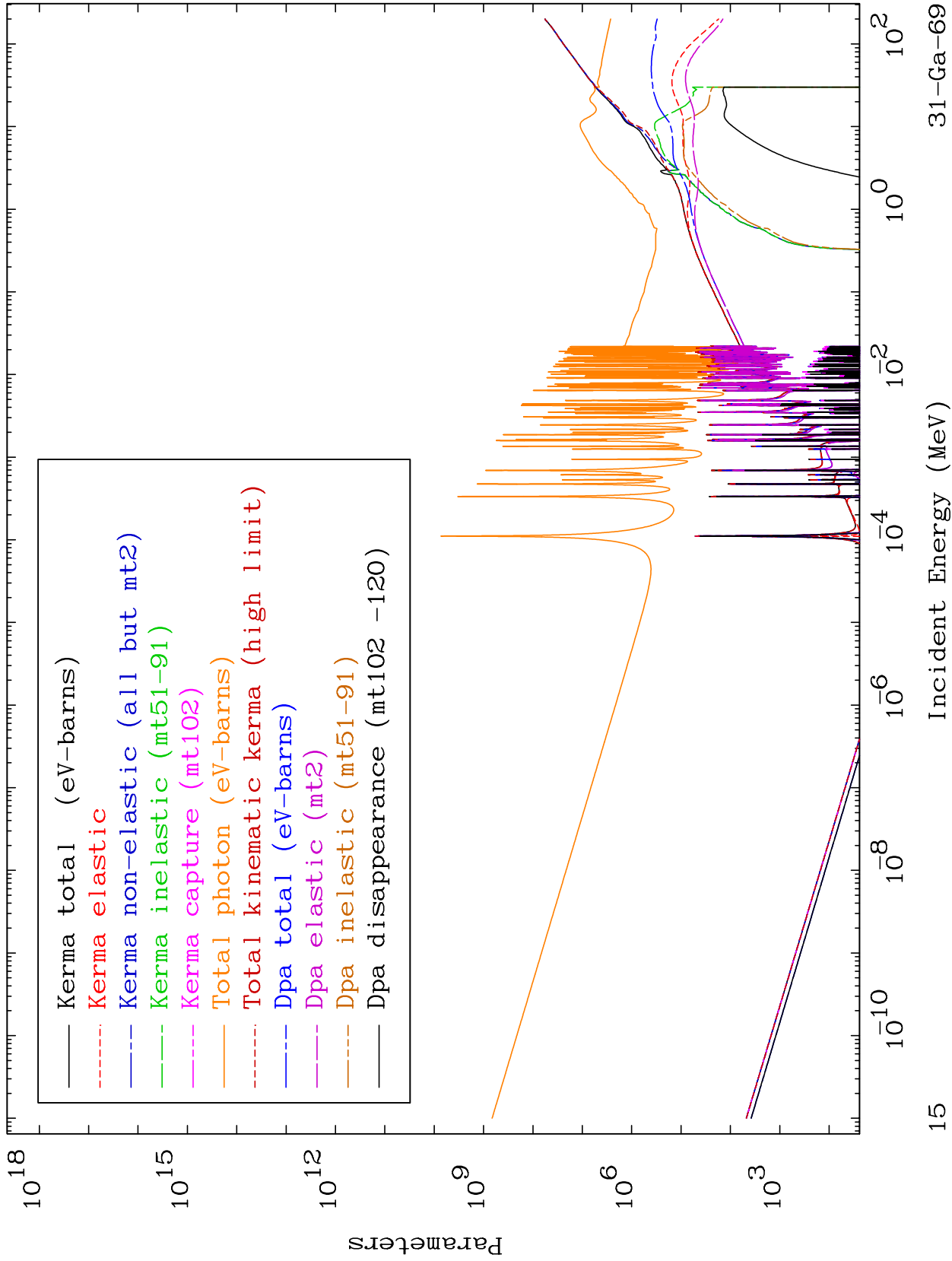
31-Ga-69

MAT 3125

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-69

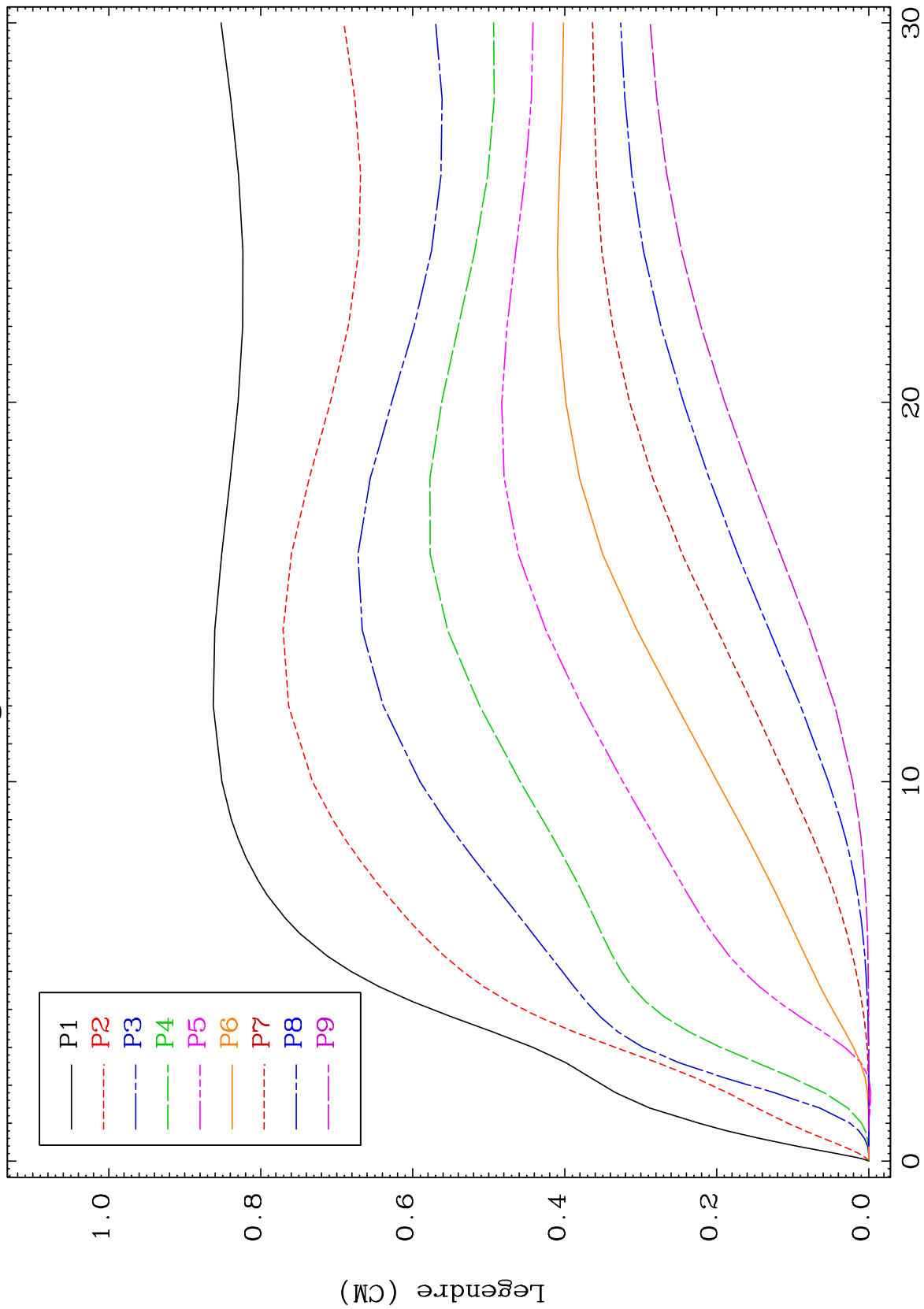




MAT 3125

Elastic Legendre Coefficients

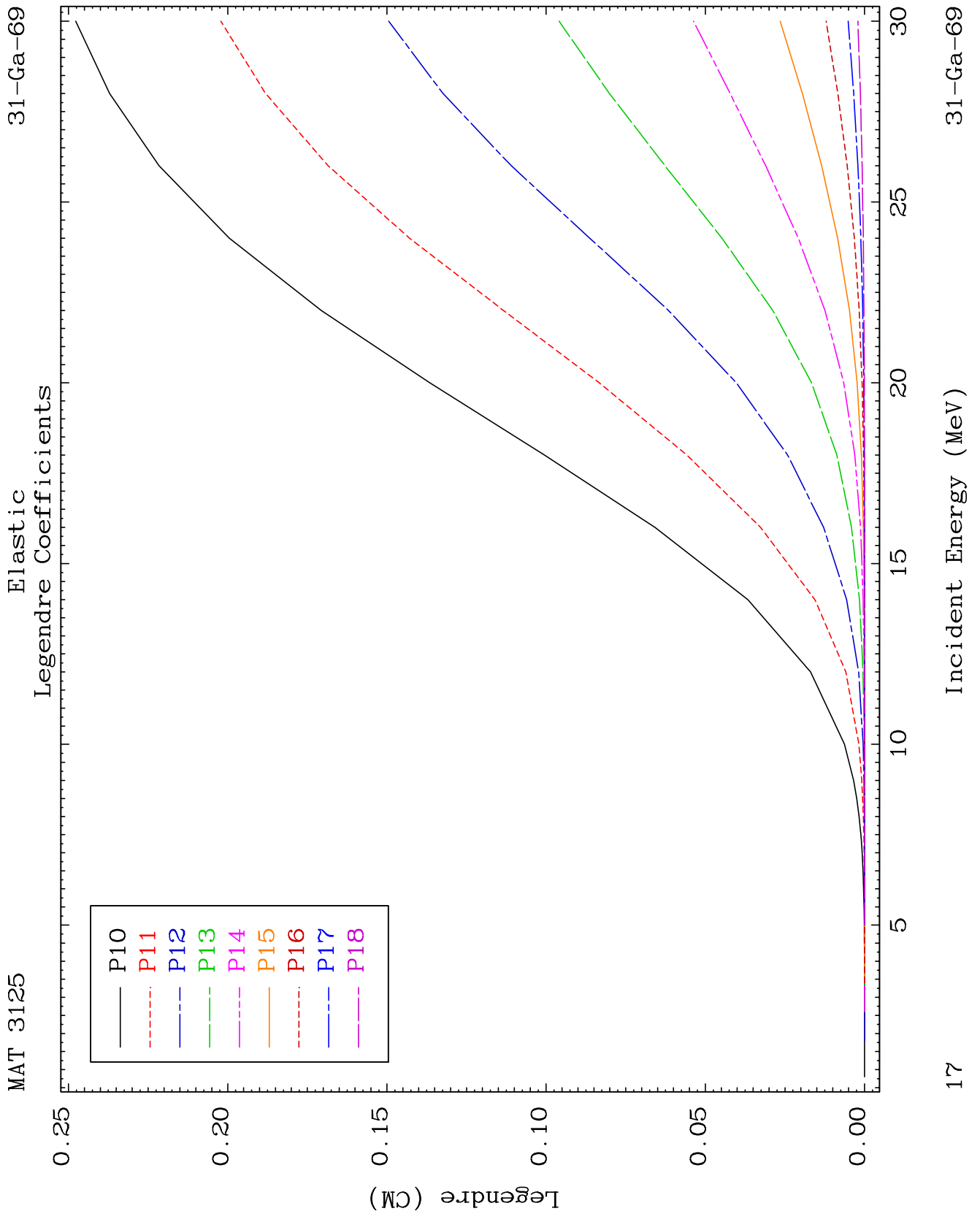
31-Ga-69



16

Incident Energy (MeV)

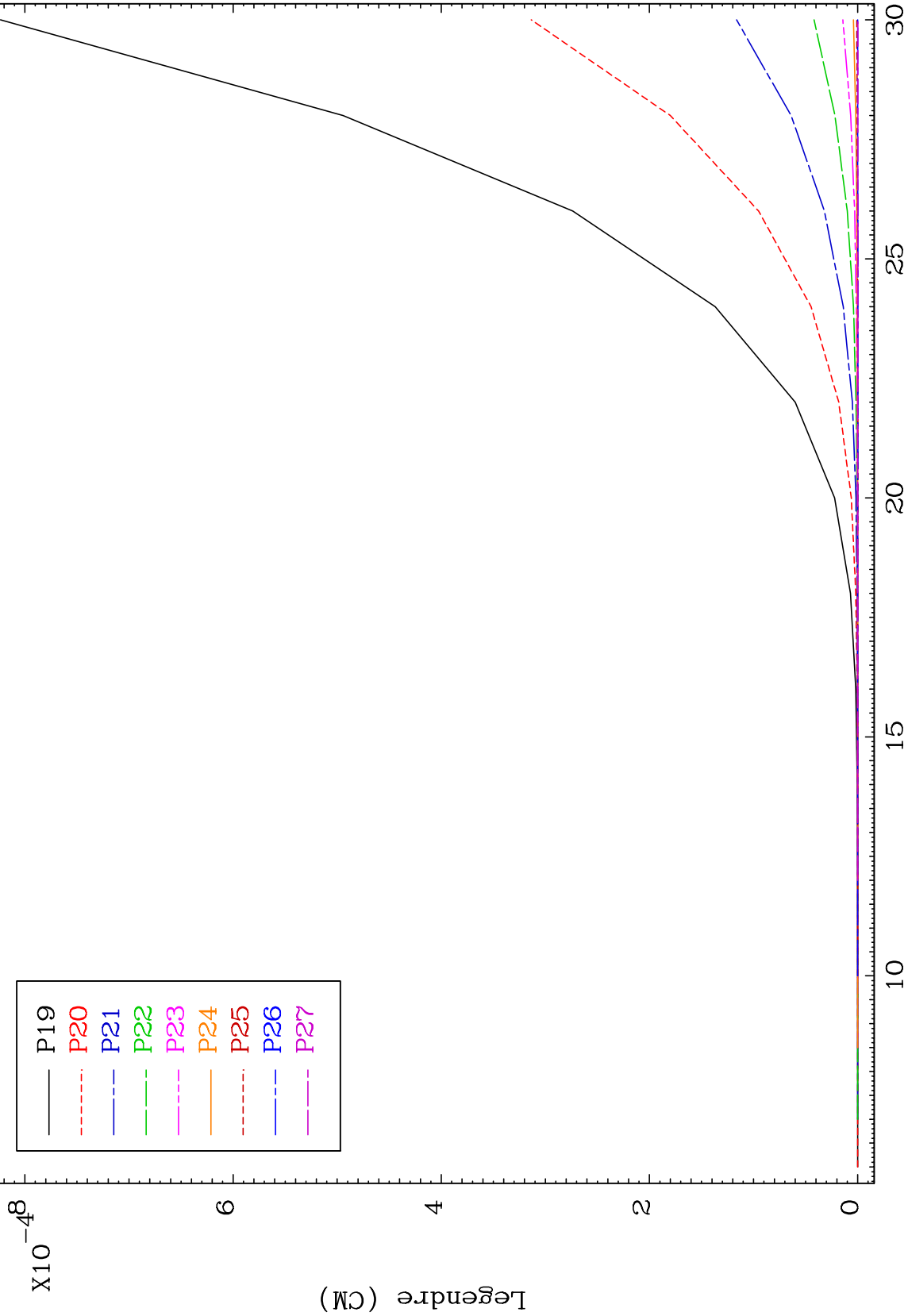
31-Ga-69



MAT 3125

Elastic Legendre Coefficients

31-Ga-69



18

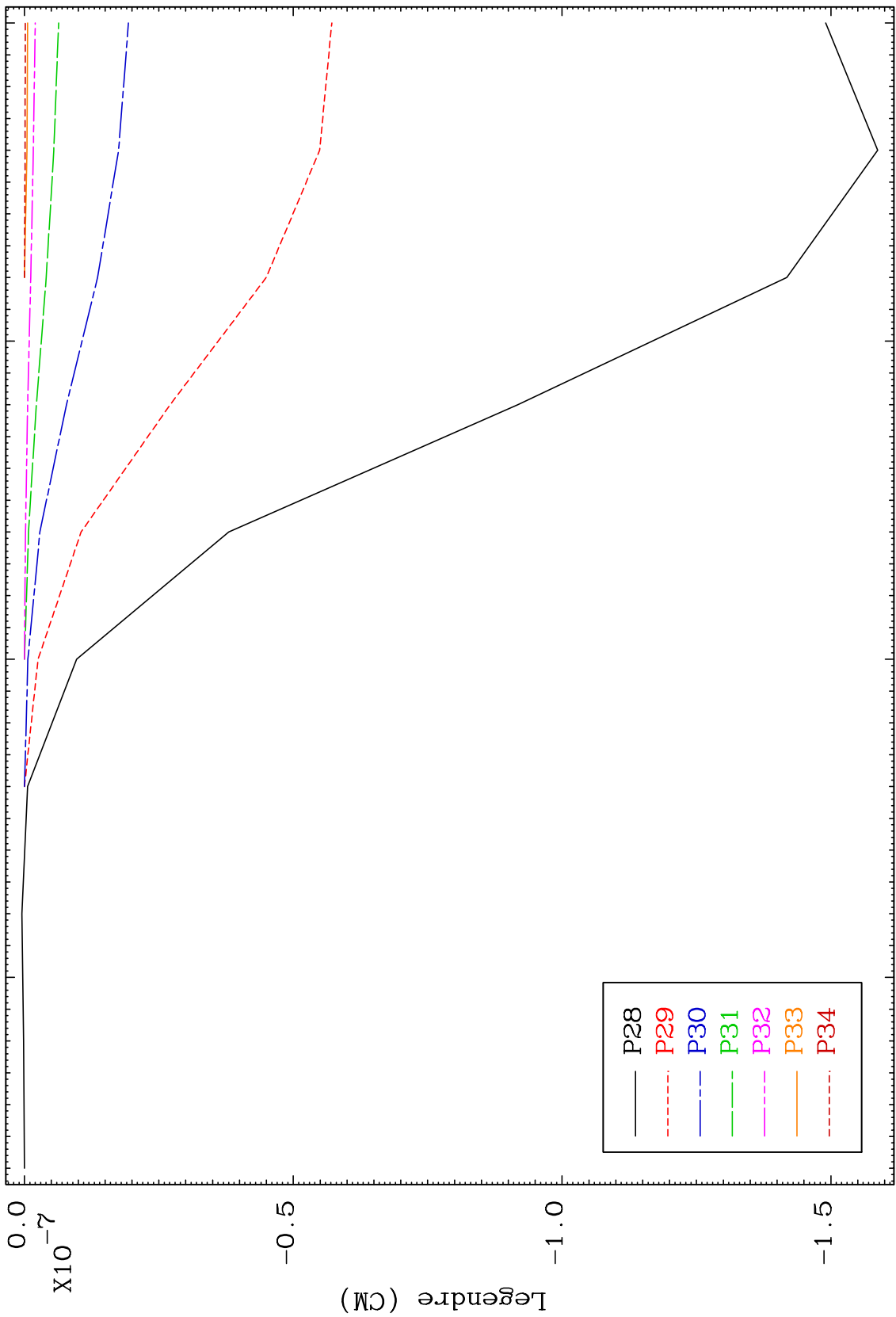
Incident Energy (MeV)

31-Ga-69

MAT 3125

31-Ga-69

Elastic Legendre Coefficients



0.0

$\times 10^{-7}$

-0.5

-1.0

-1.5

Legendre (CM)

15

20

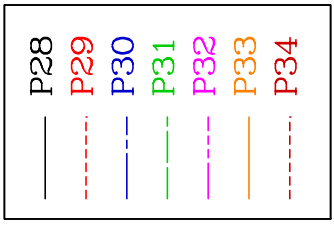
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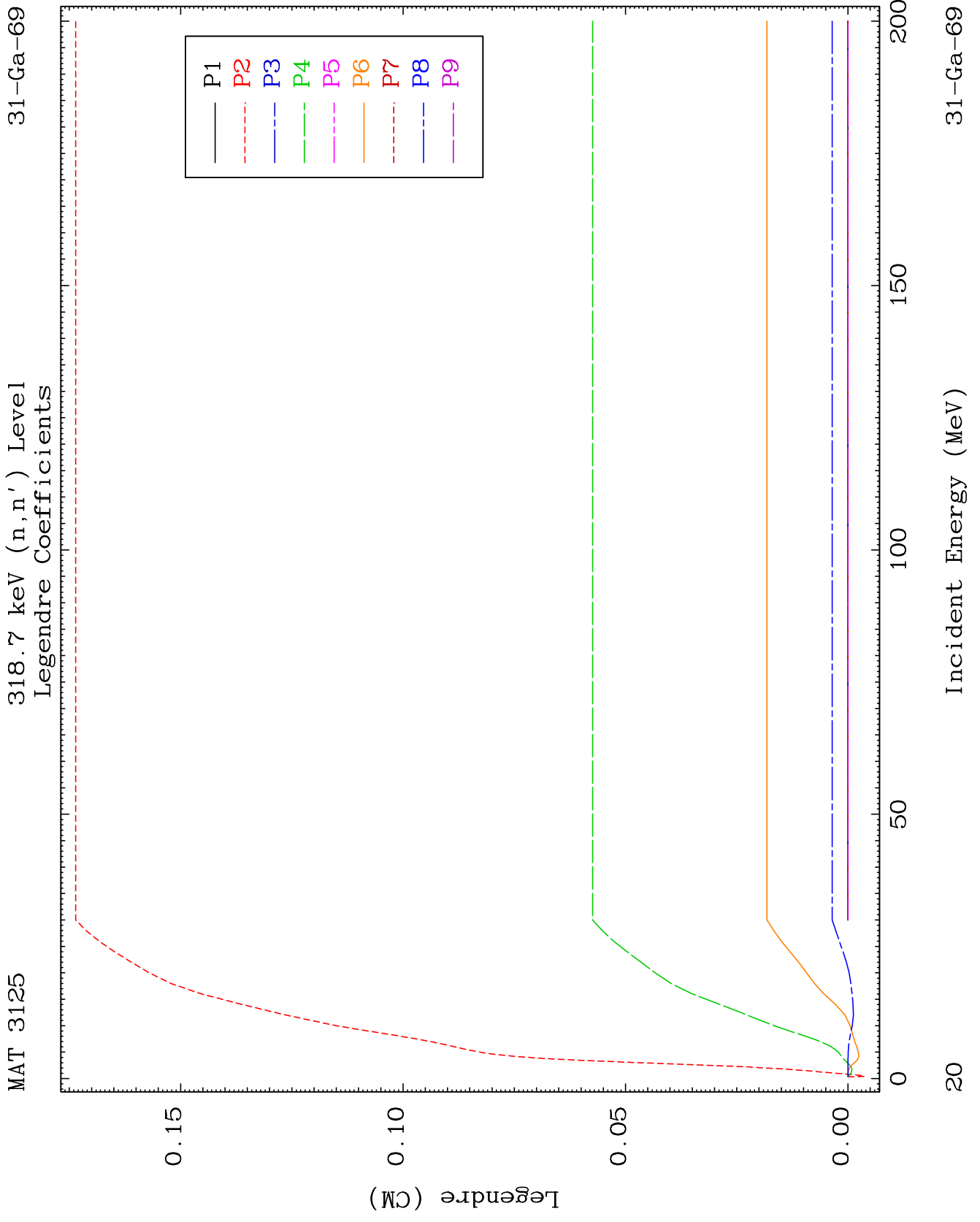
30

19

Incident Energy (MeV)

31-Ga-69

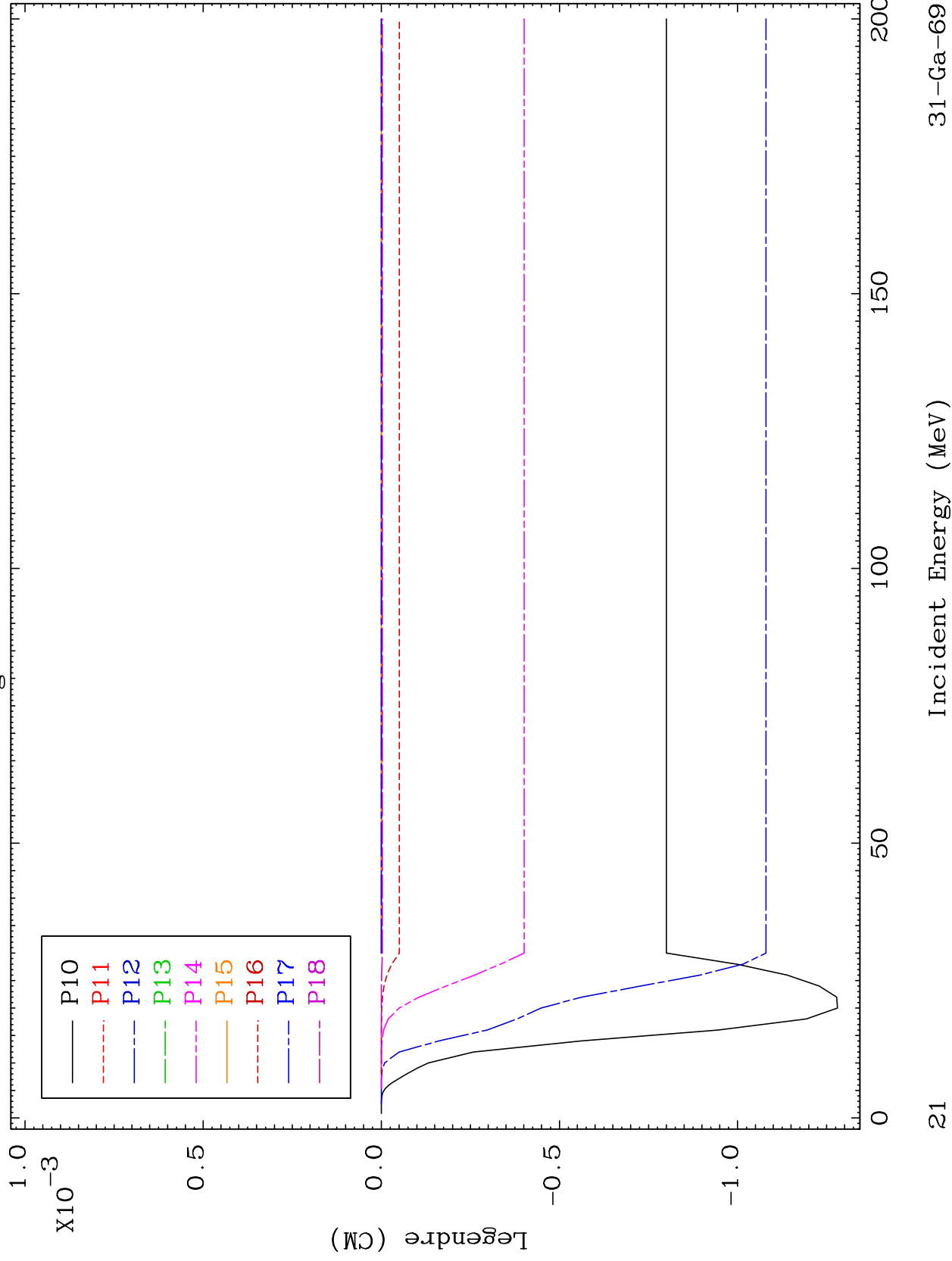




MAT 3125

318.7 keV (n,n') Level
Legendre Coefficients

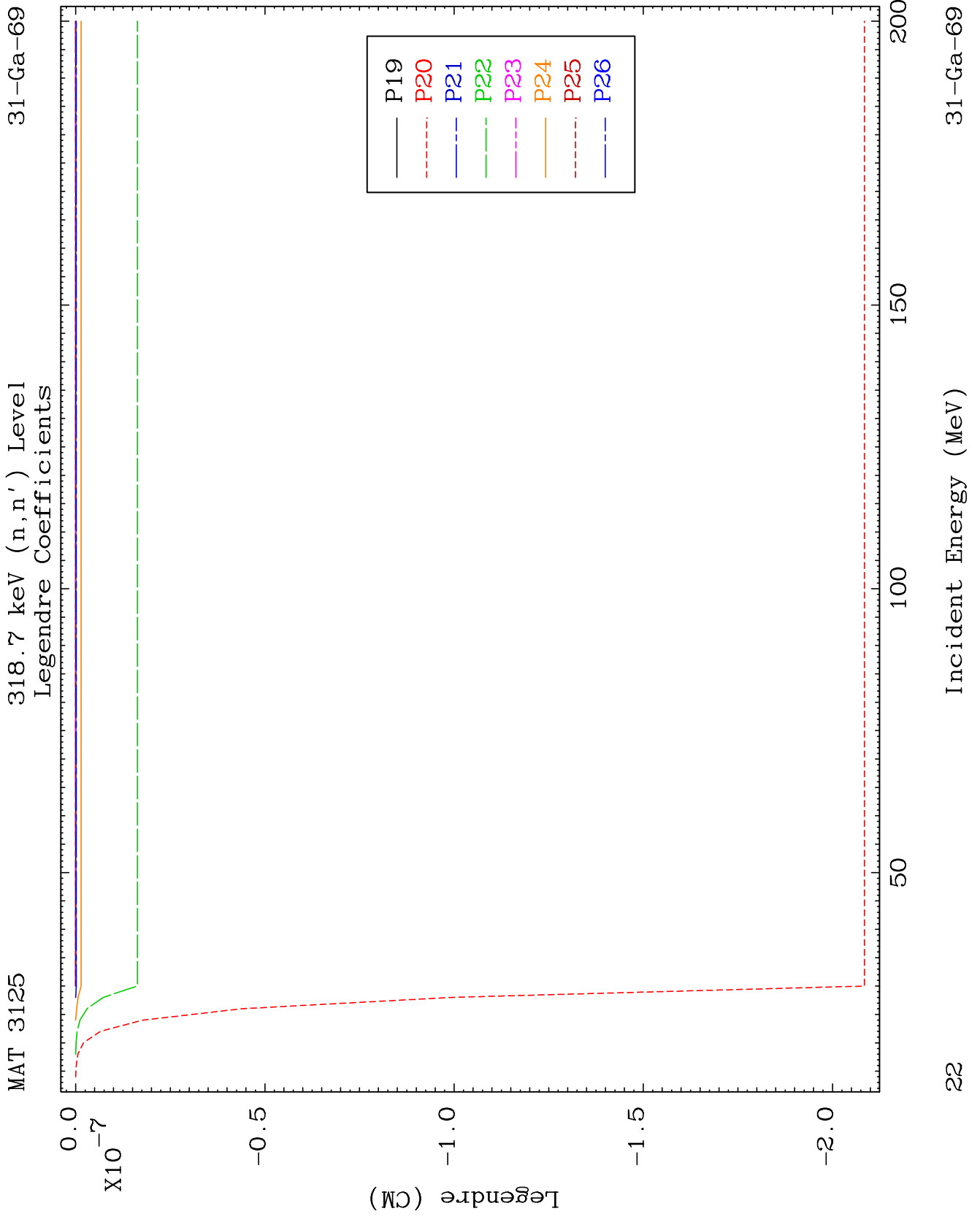
31-Ga-69

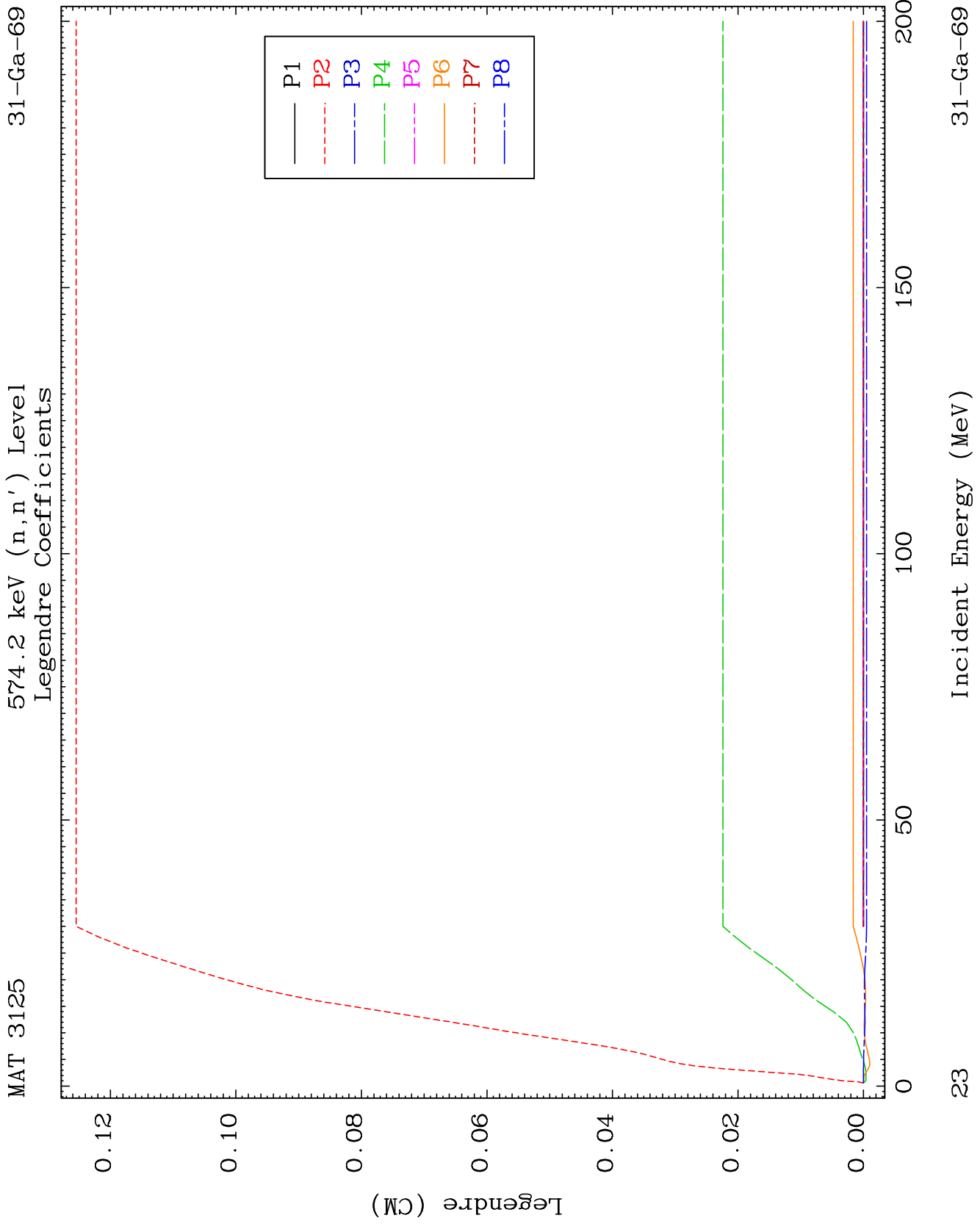


21

Incident Energy (MeV)

31-Ga-69

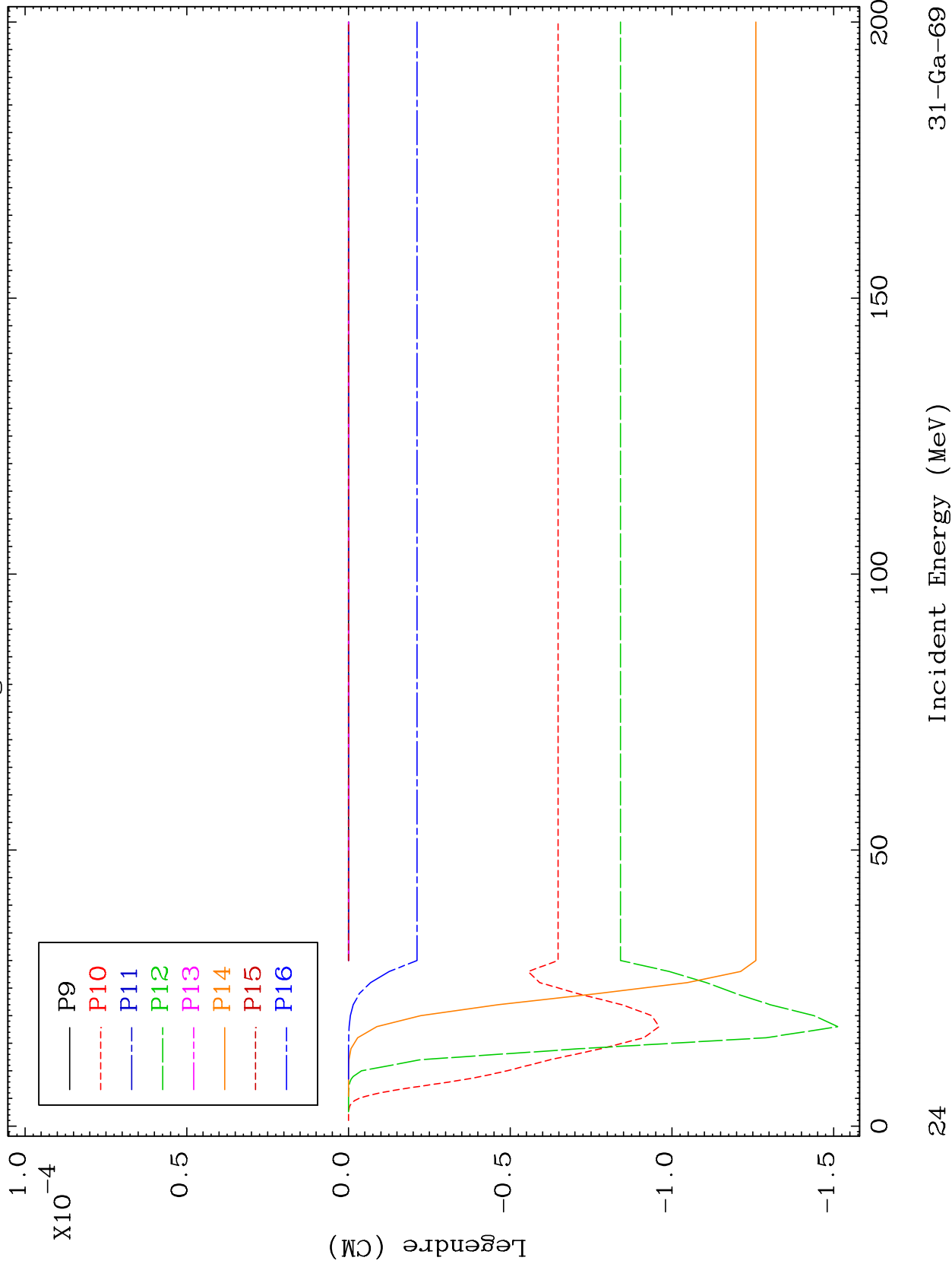




MAT 3125

574.2 keV (n,n') Level
Legendre Coefficients

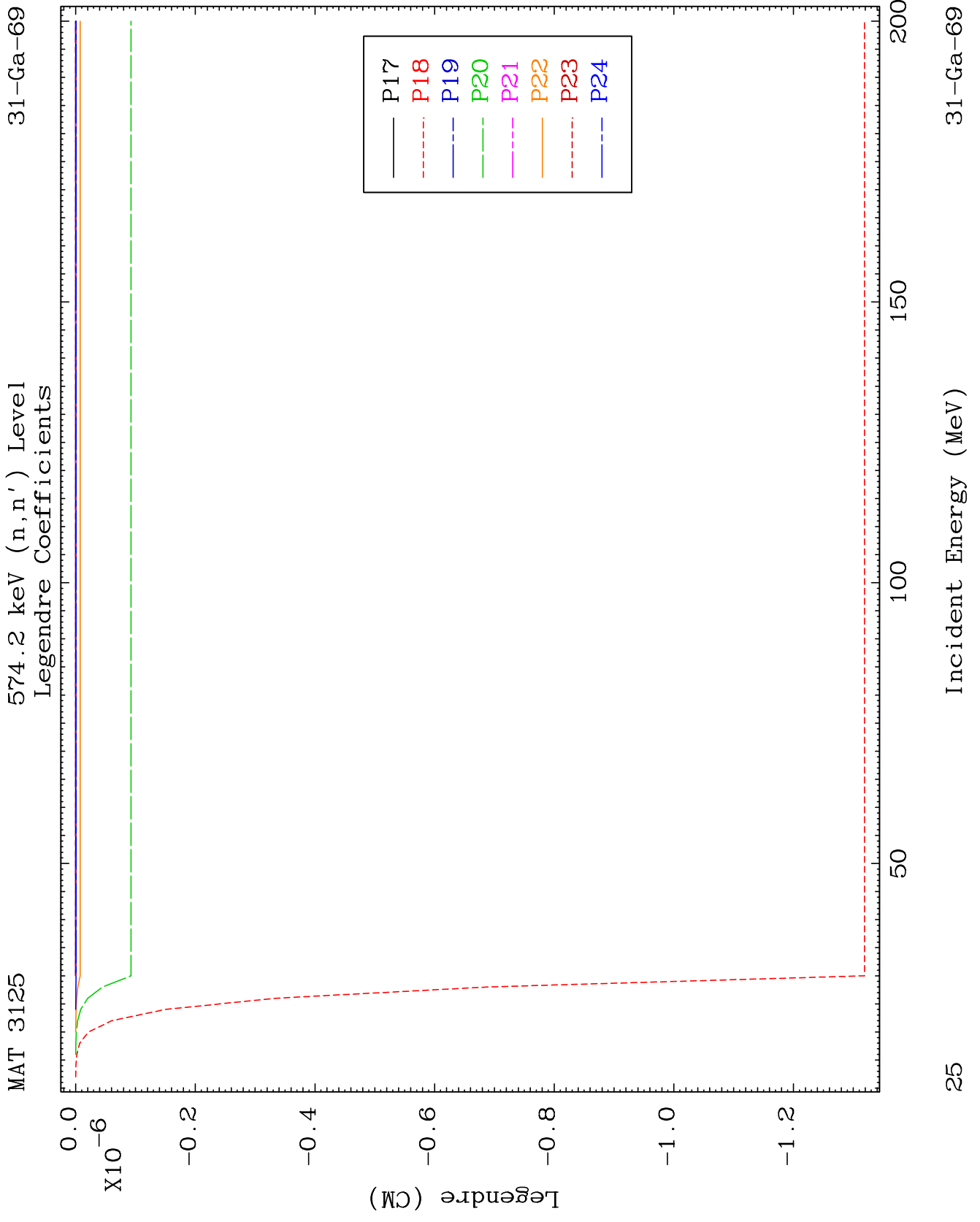
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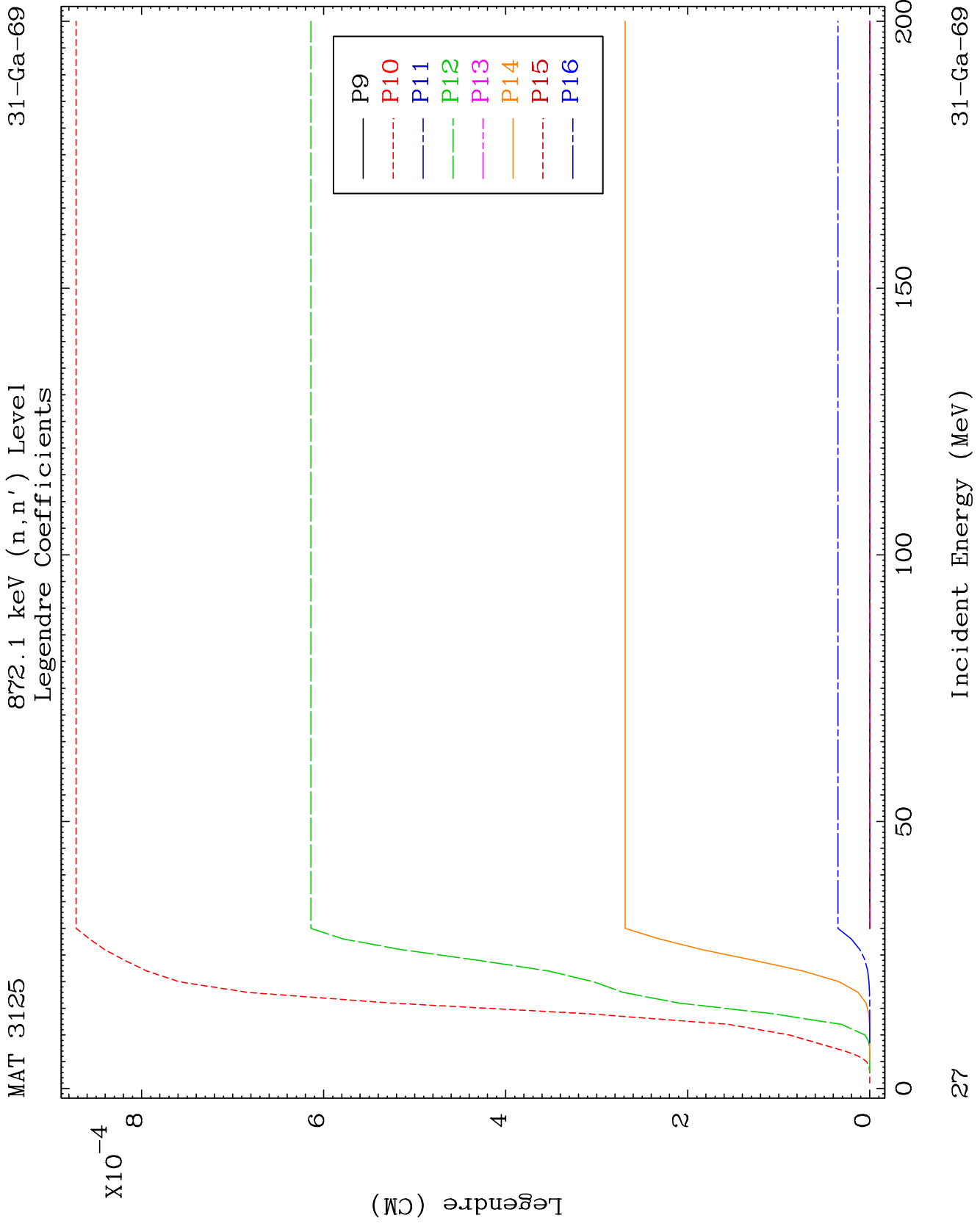


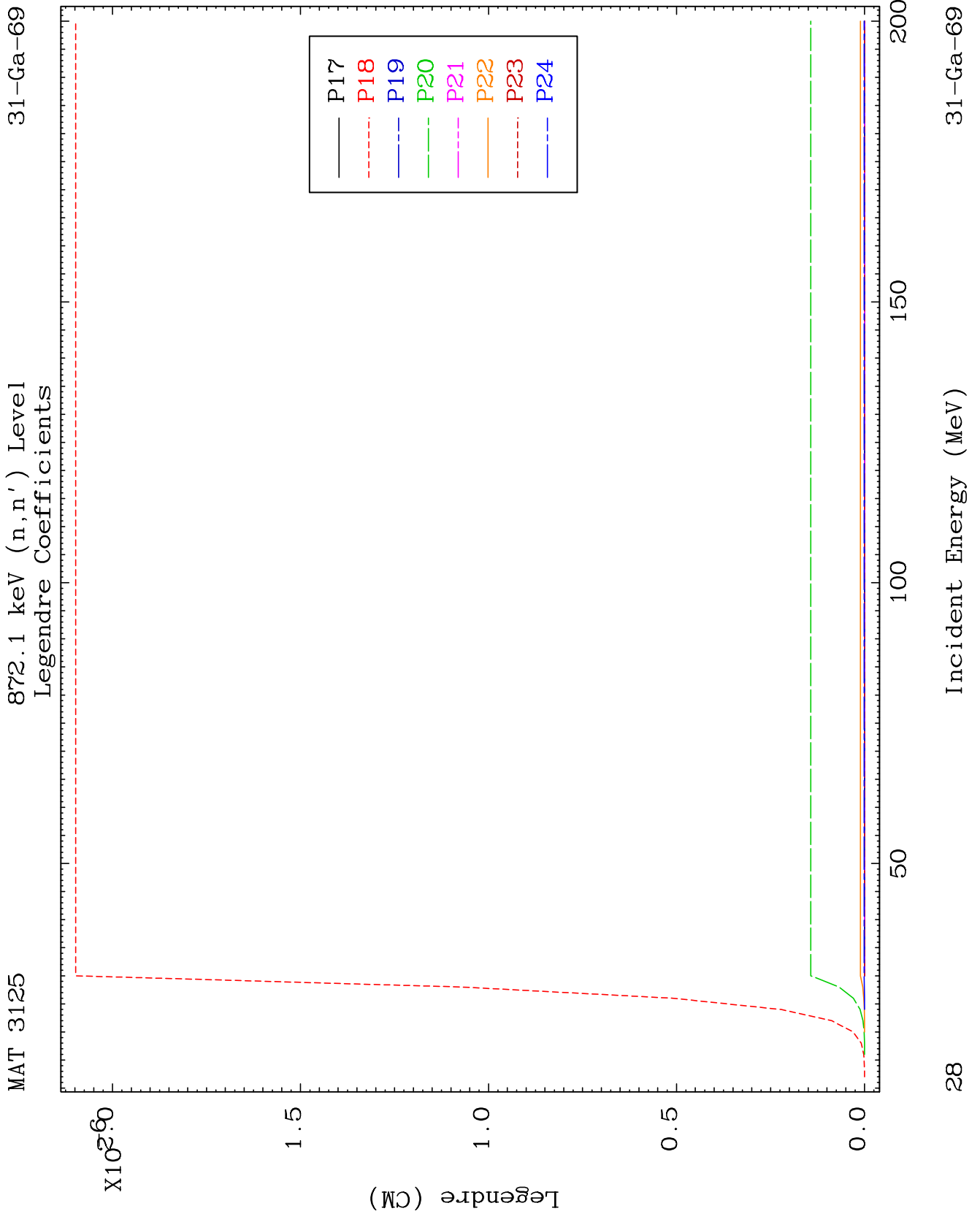
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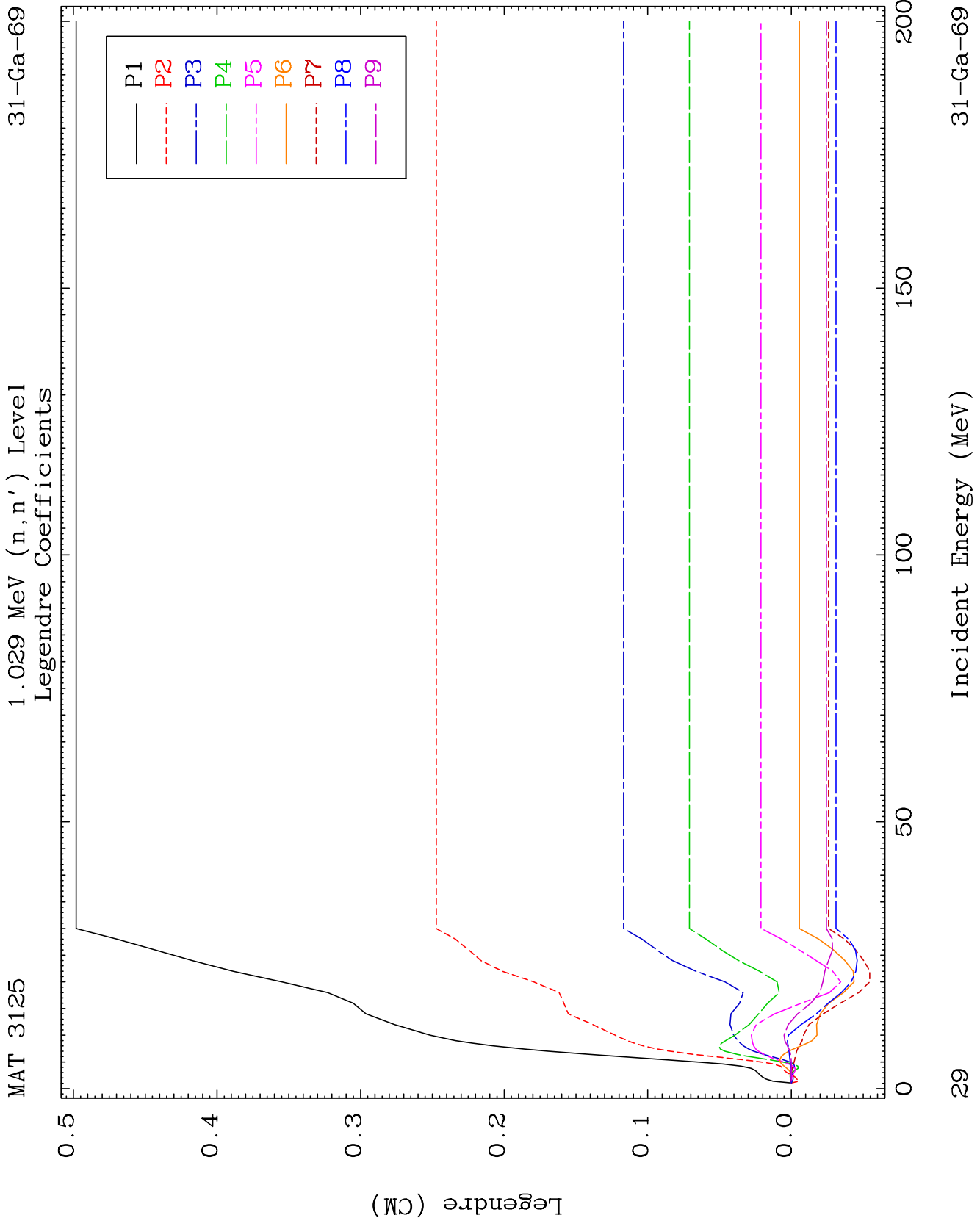
Incident Energy (MeV)

31-Ga-69





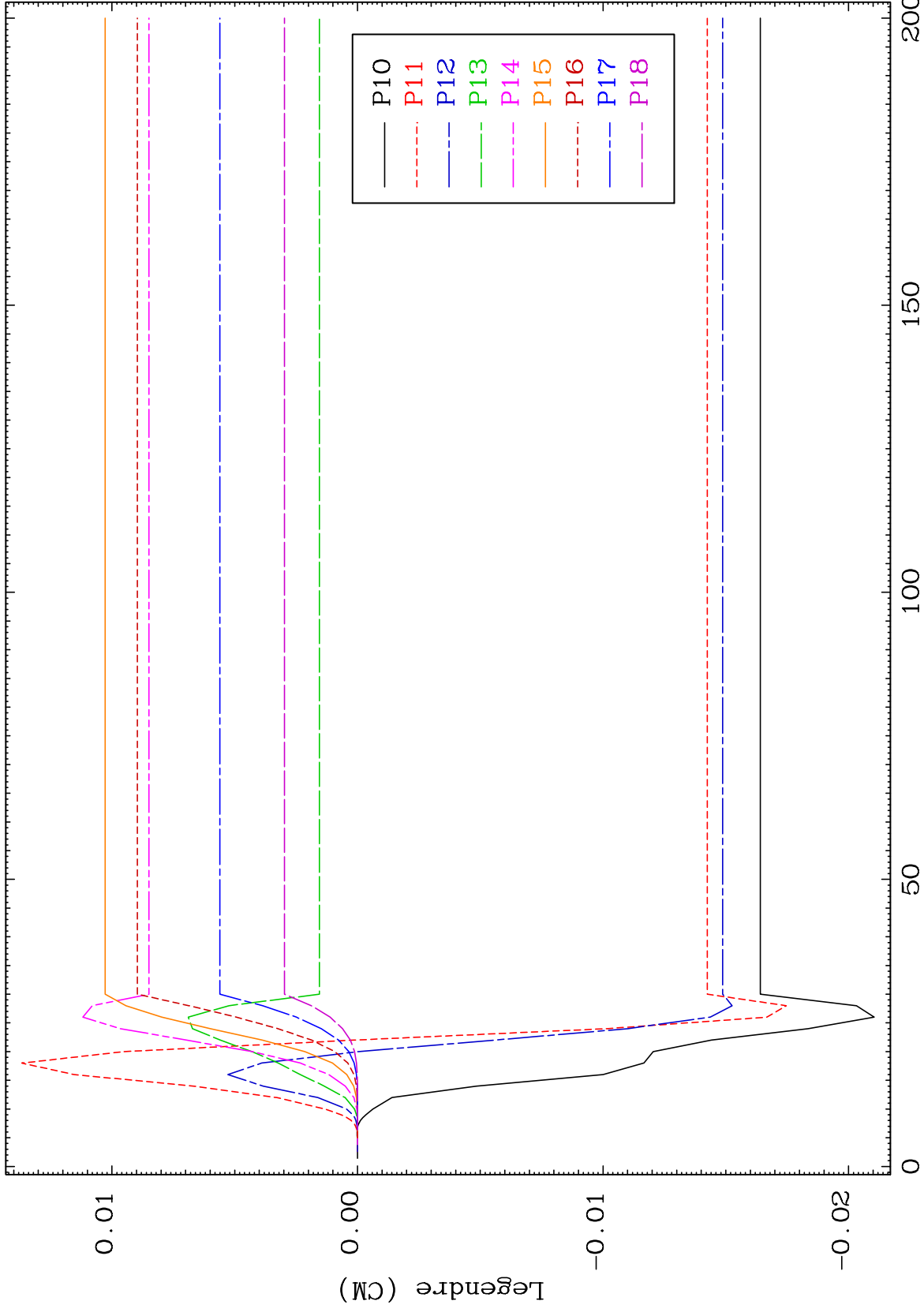




MAT 3125

1.029 MeV (n,n') Level
Legendre Coefficients

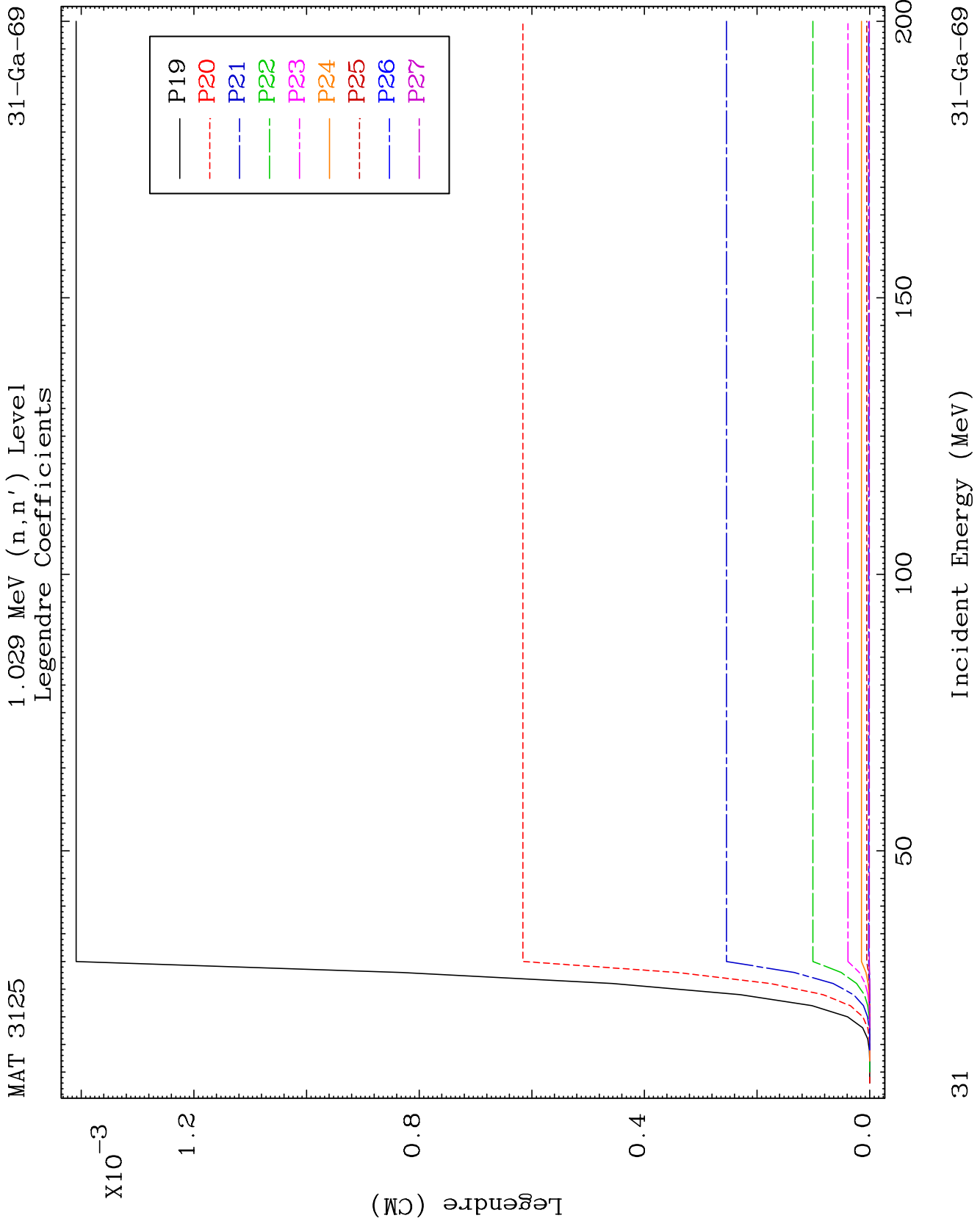
31-Ga-69

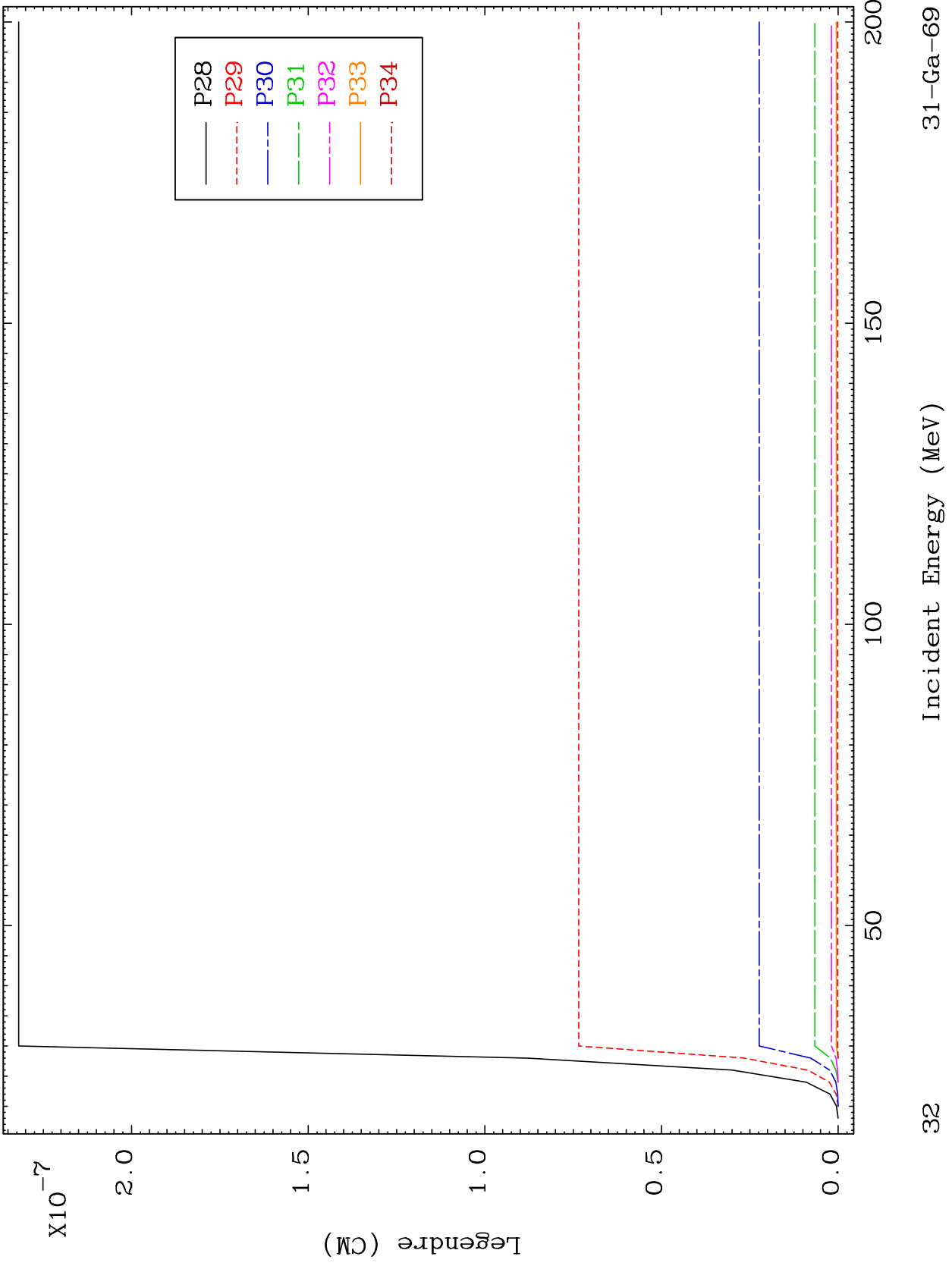


31-Ga-69

Incident Energy (MeV)

30

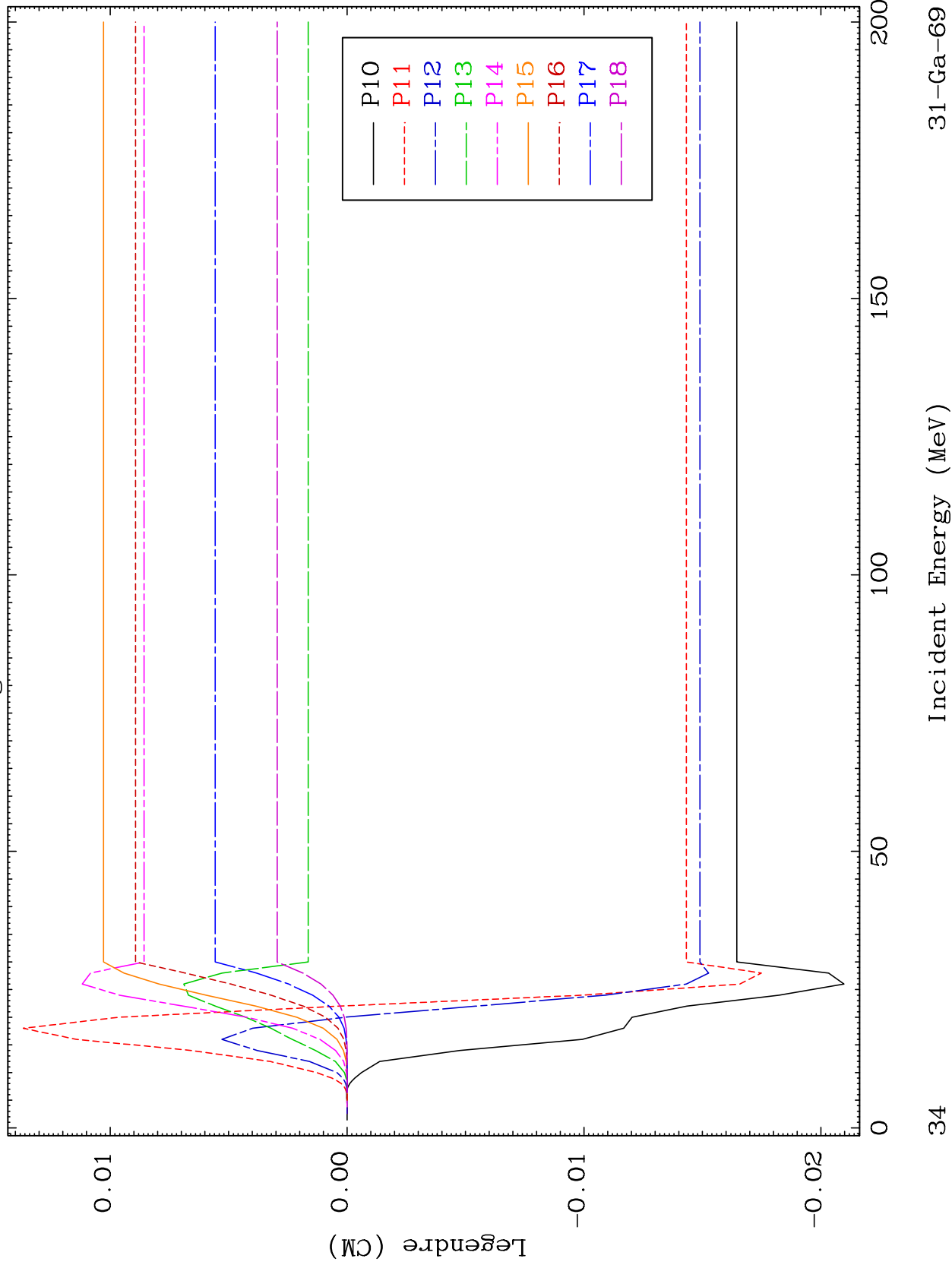


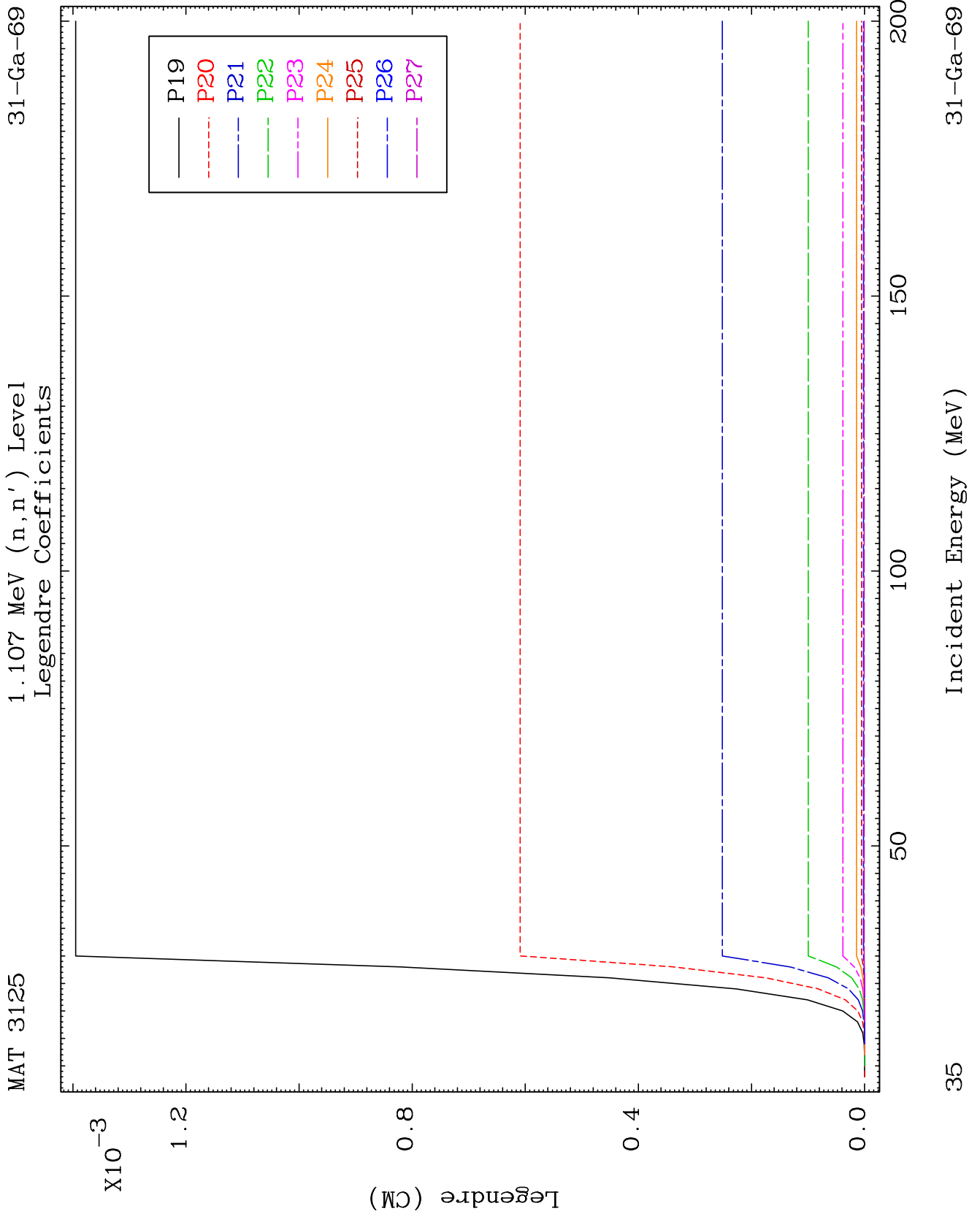


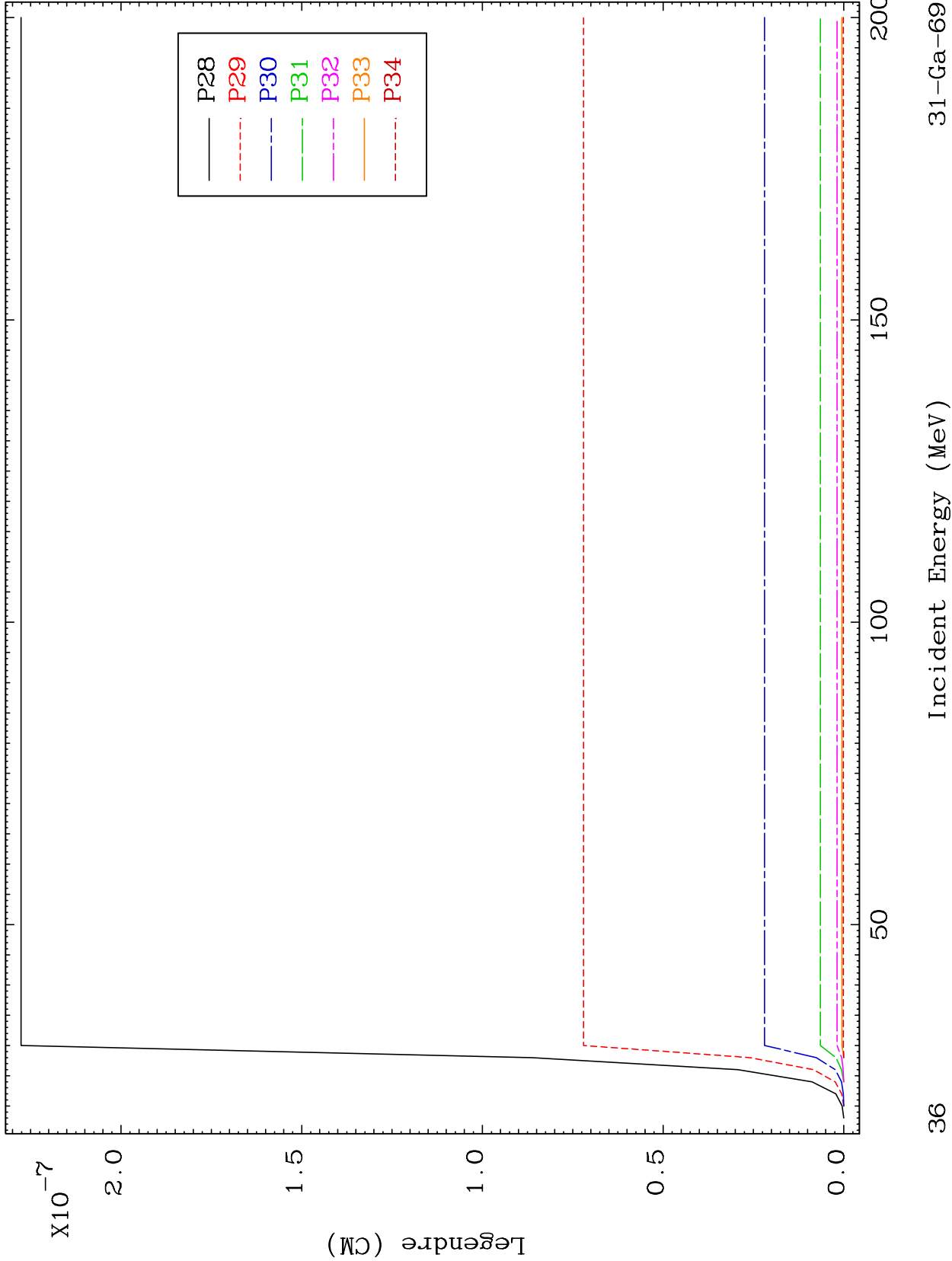
MAT 3125

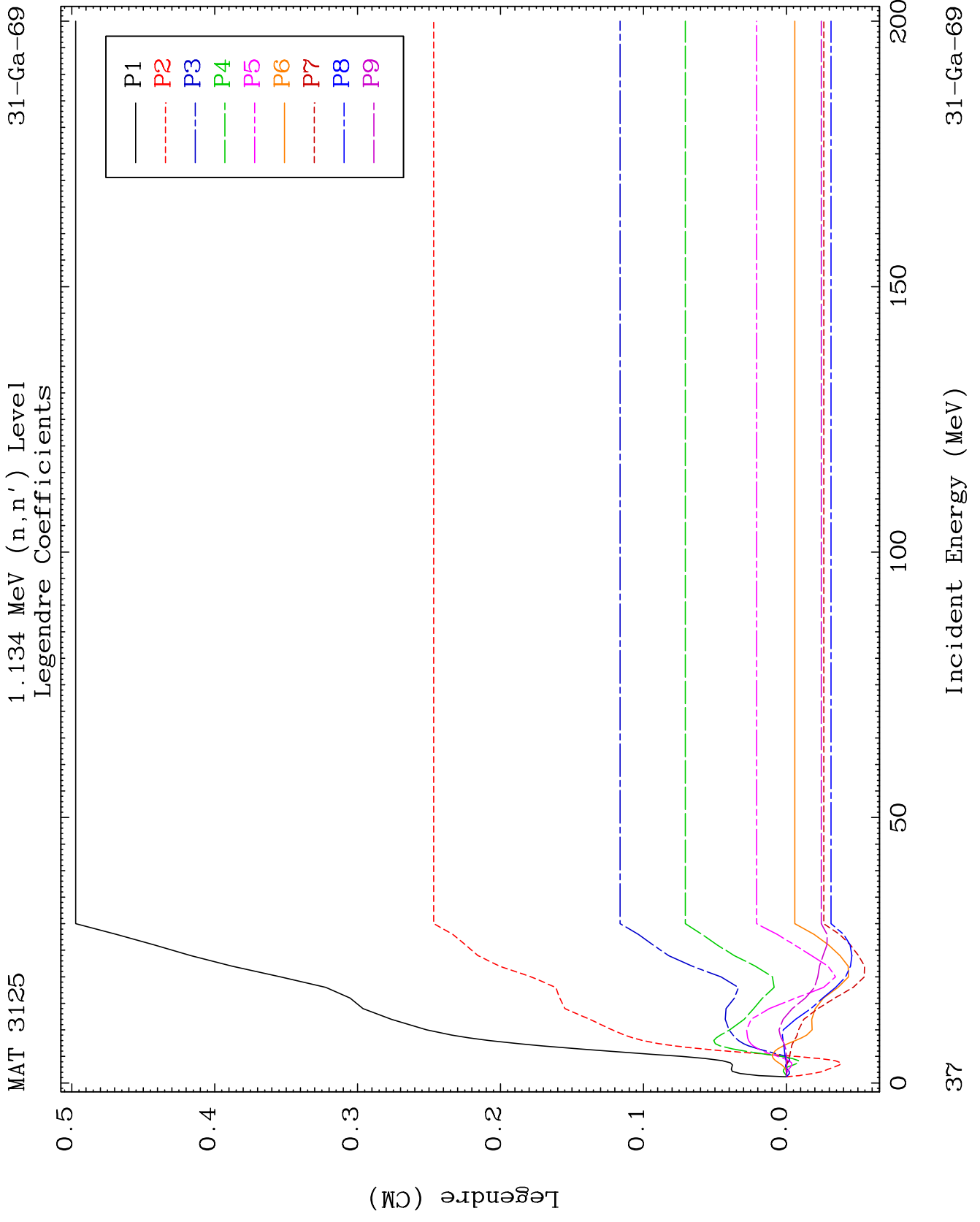
1.107 MeV (n,n') Level
Legendre Coefficients

31-Ga-69





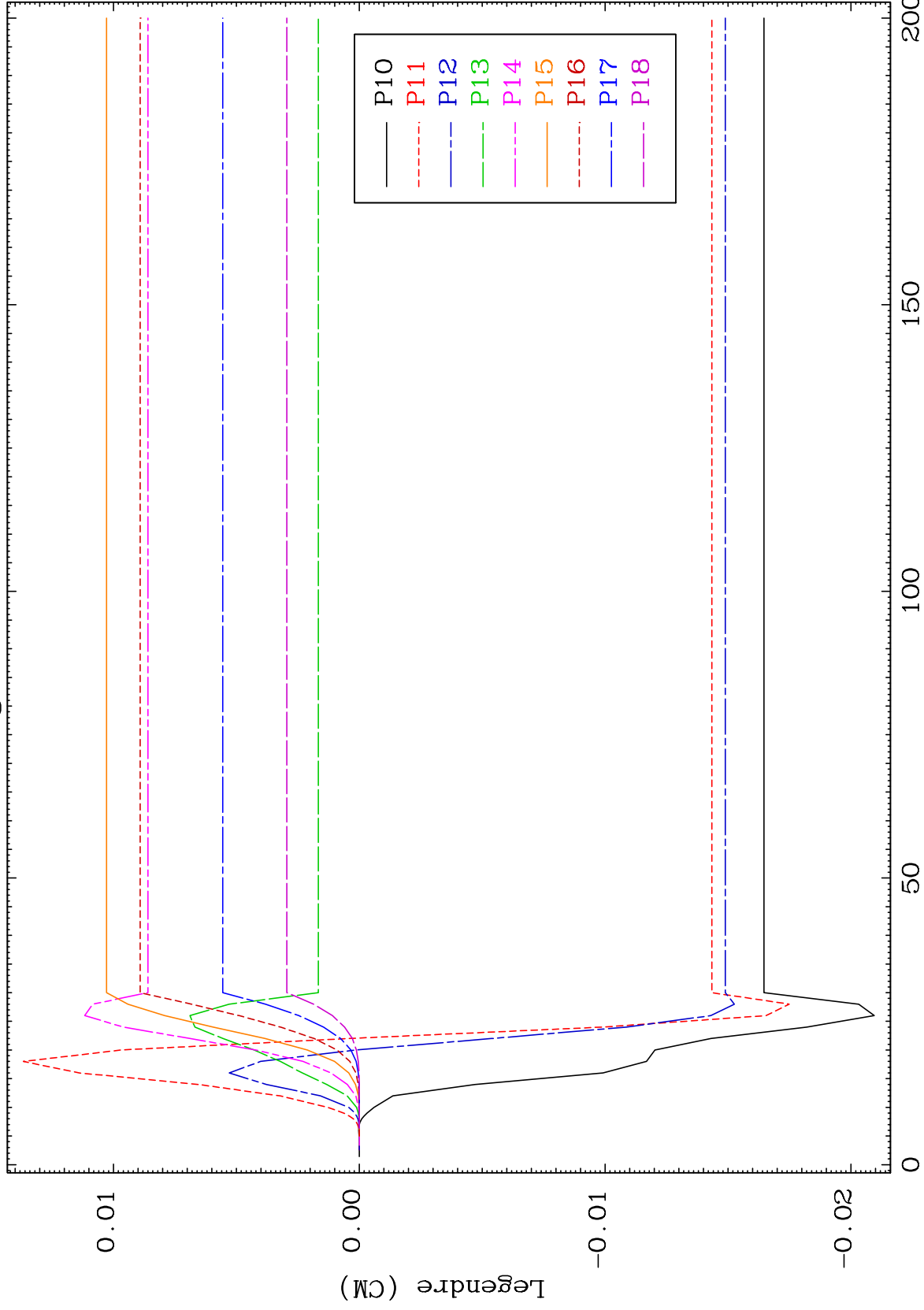




MAT 3125

1.134 MeV (n,n') Level
Legendre Coefficients

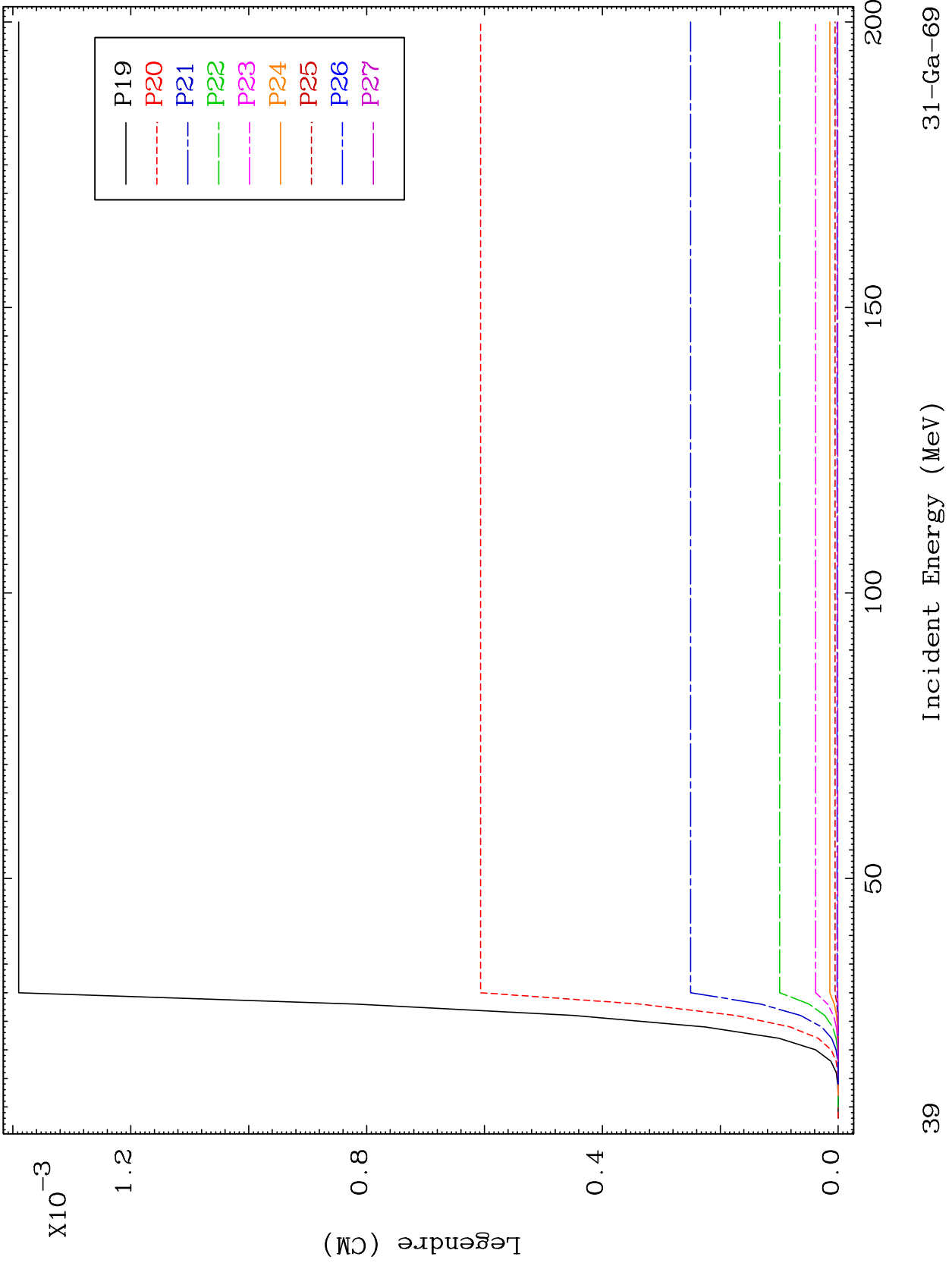
31-Ga-69

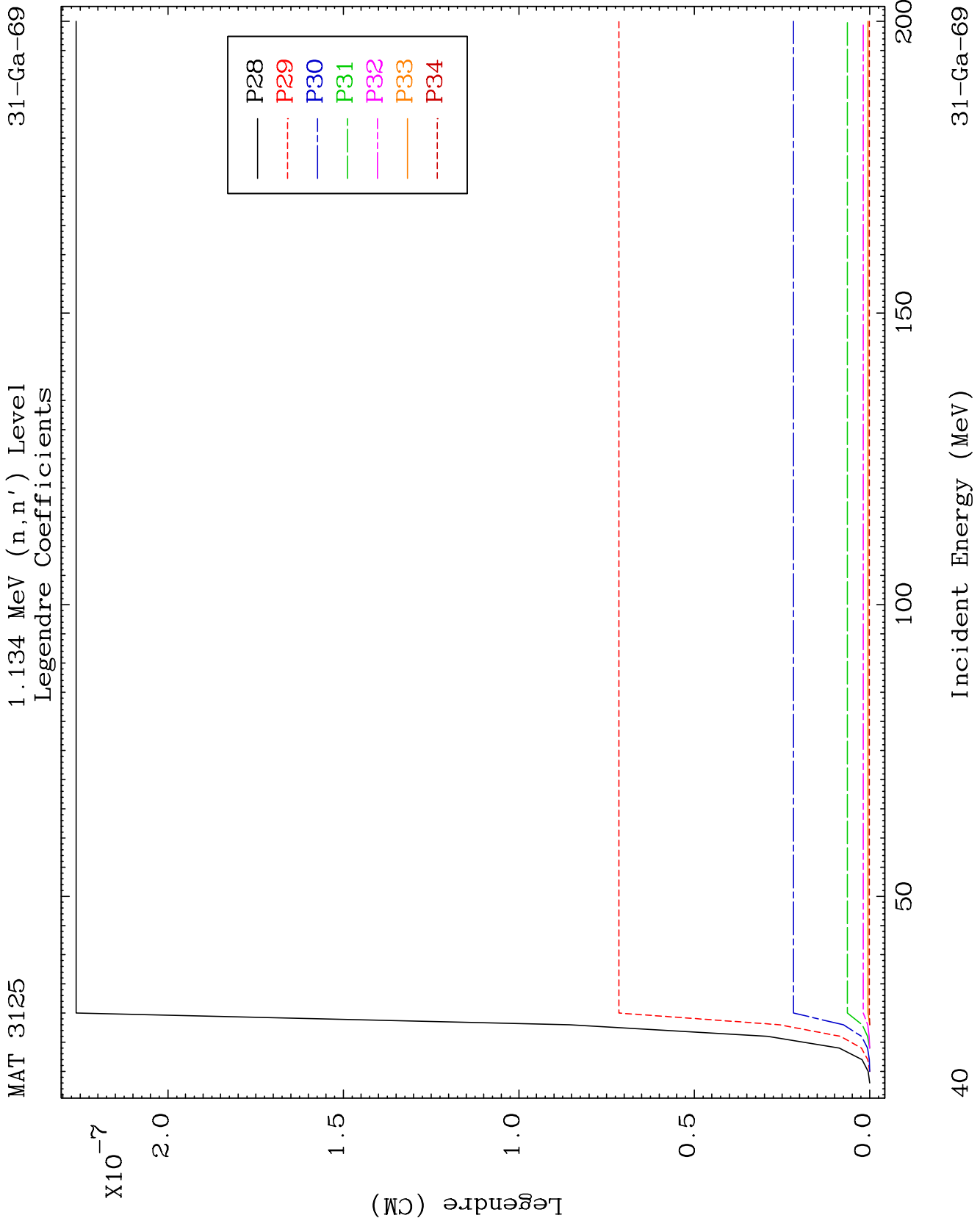


38

Incident Energy (MeV)

31-Ga-69

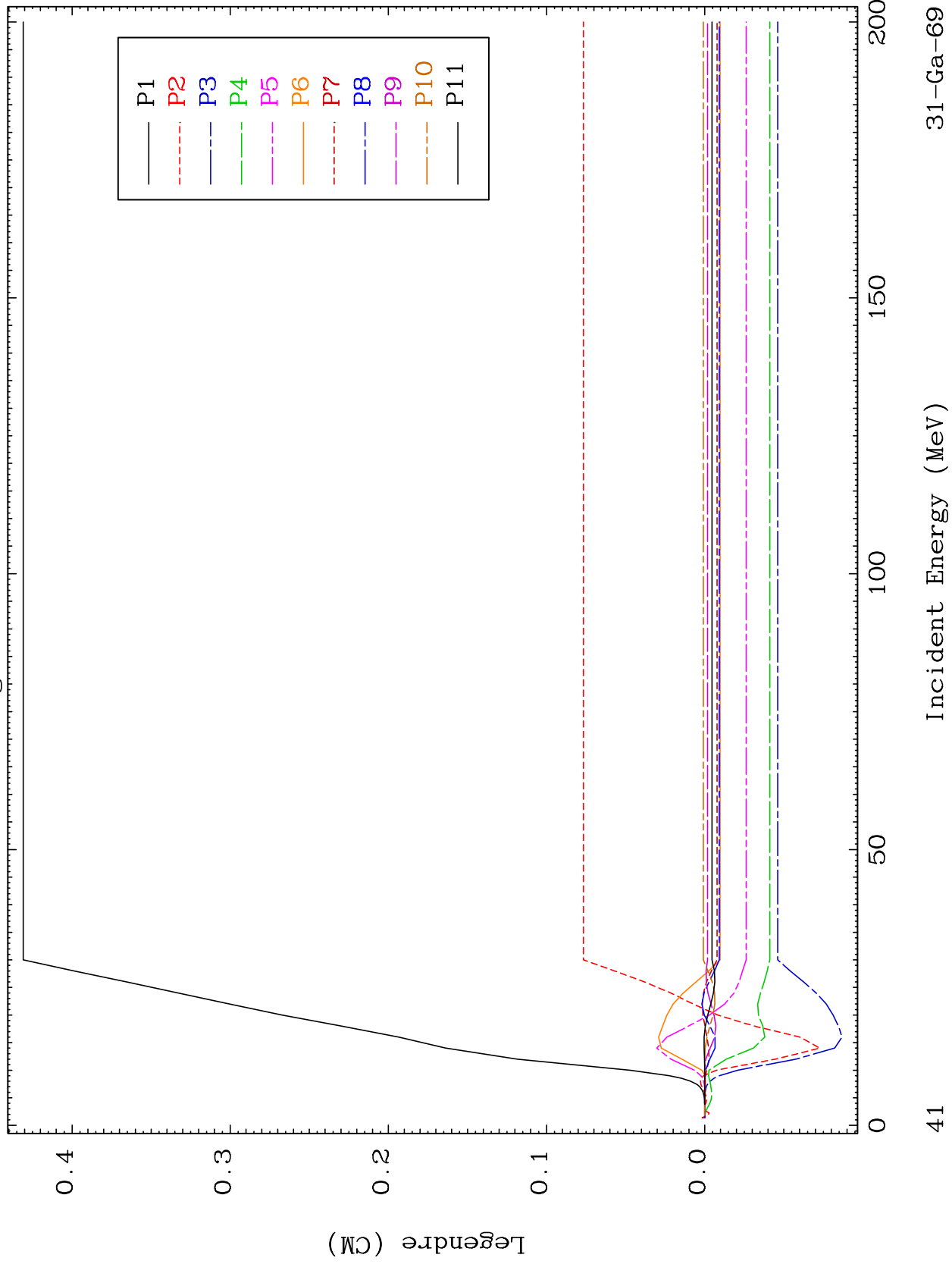




MAT 3125

1.337 MeV (n,n') Level
Legendre Coefficients

31-Ga-69



41

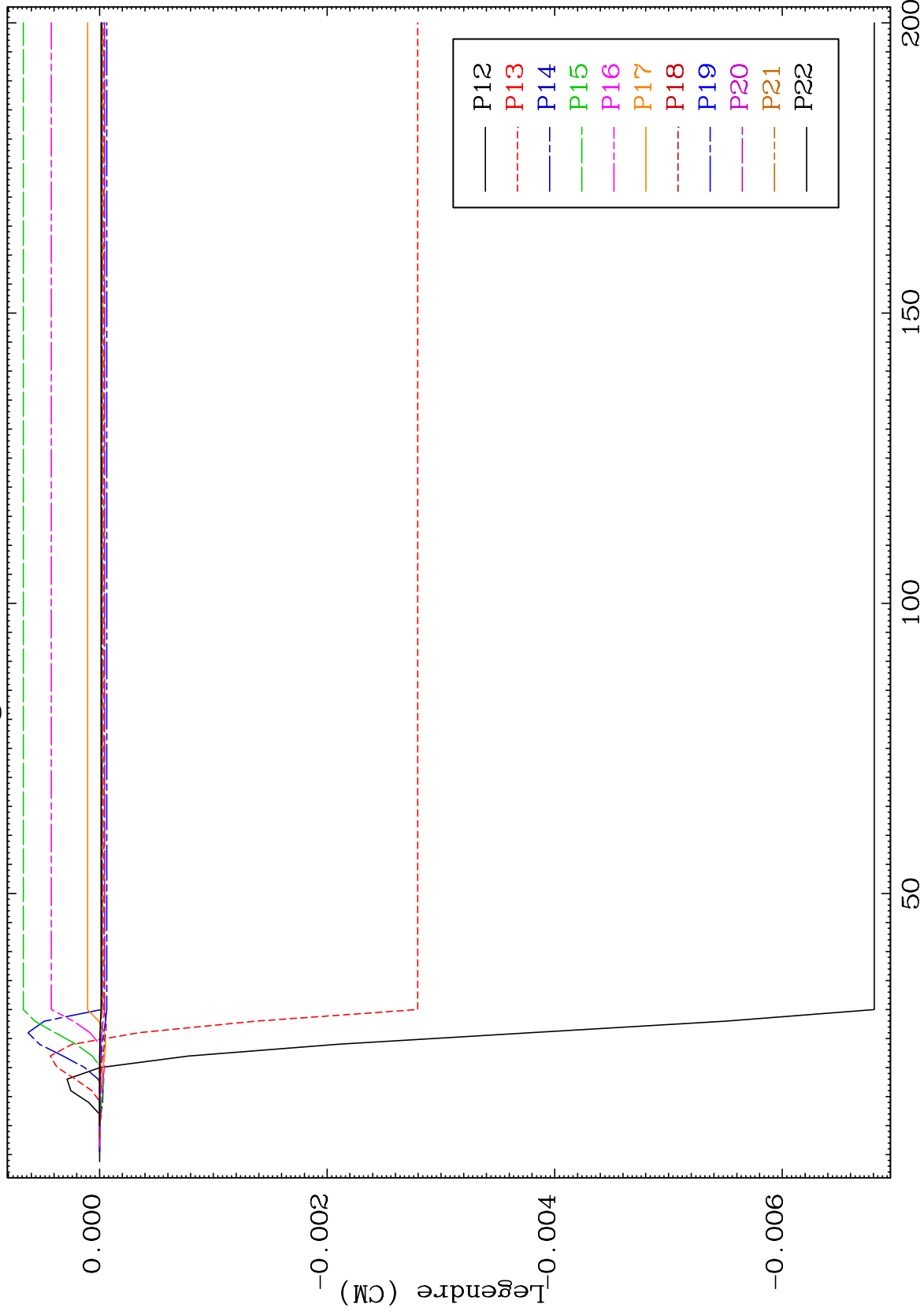
Incident Energy (MeV)

31-Ga-69

MAT 3125

1.337 MeV (n,n') Level
Legendre Coefficients

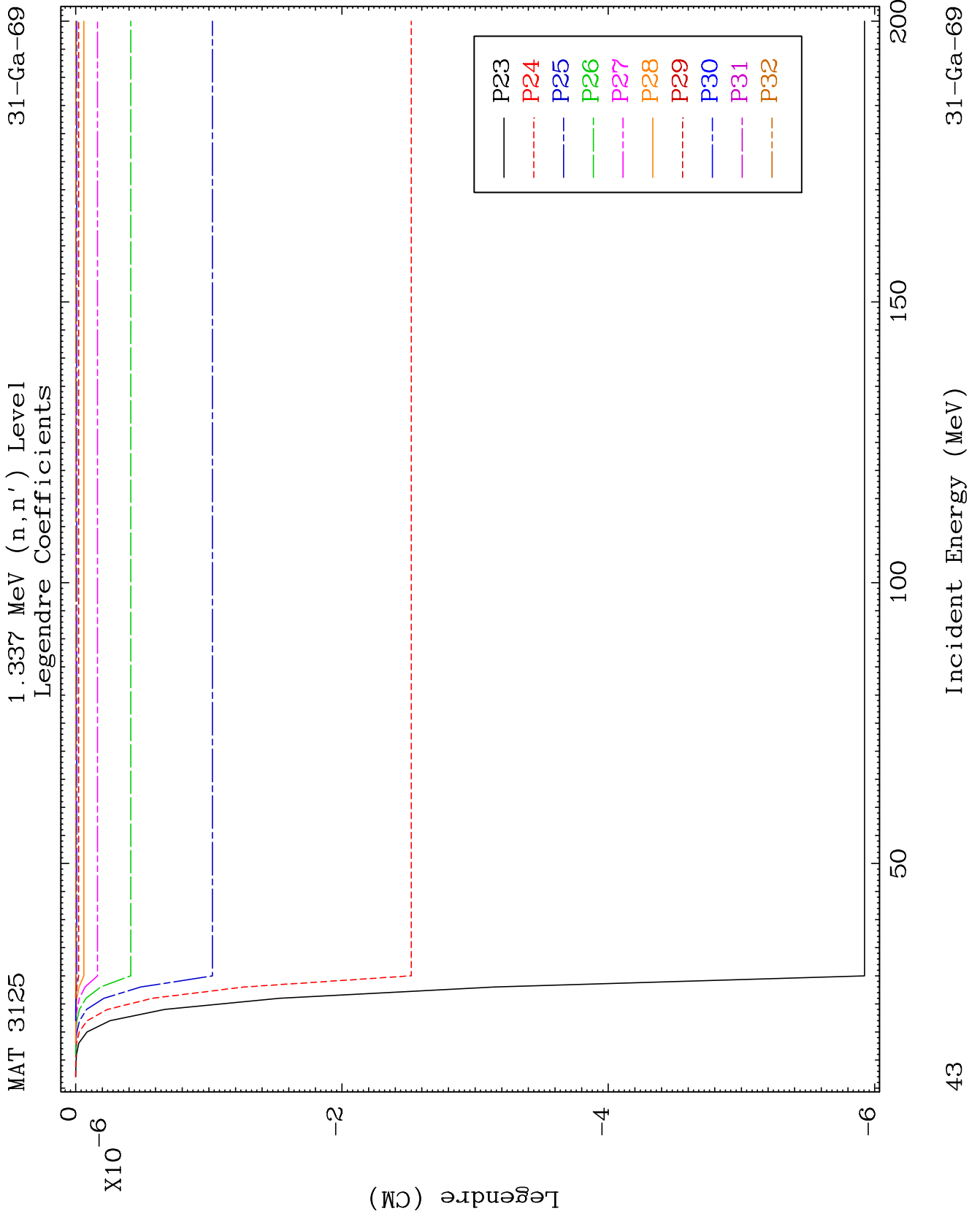
31-Ga-69

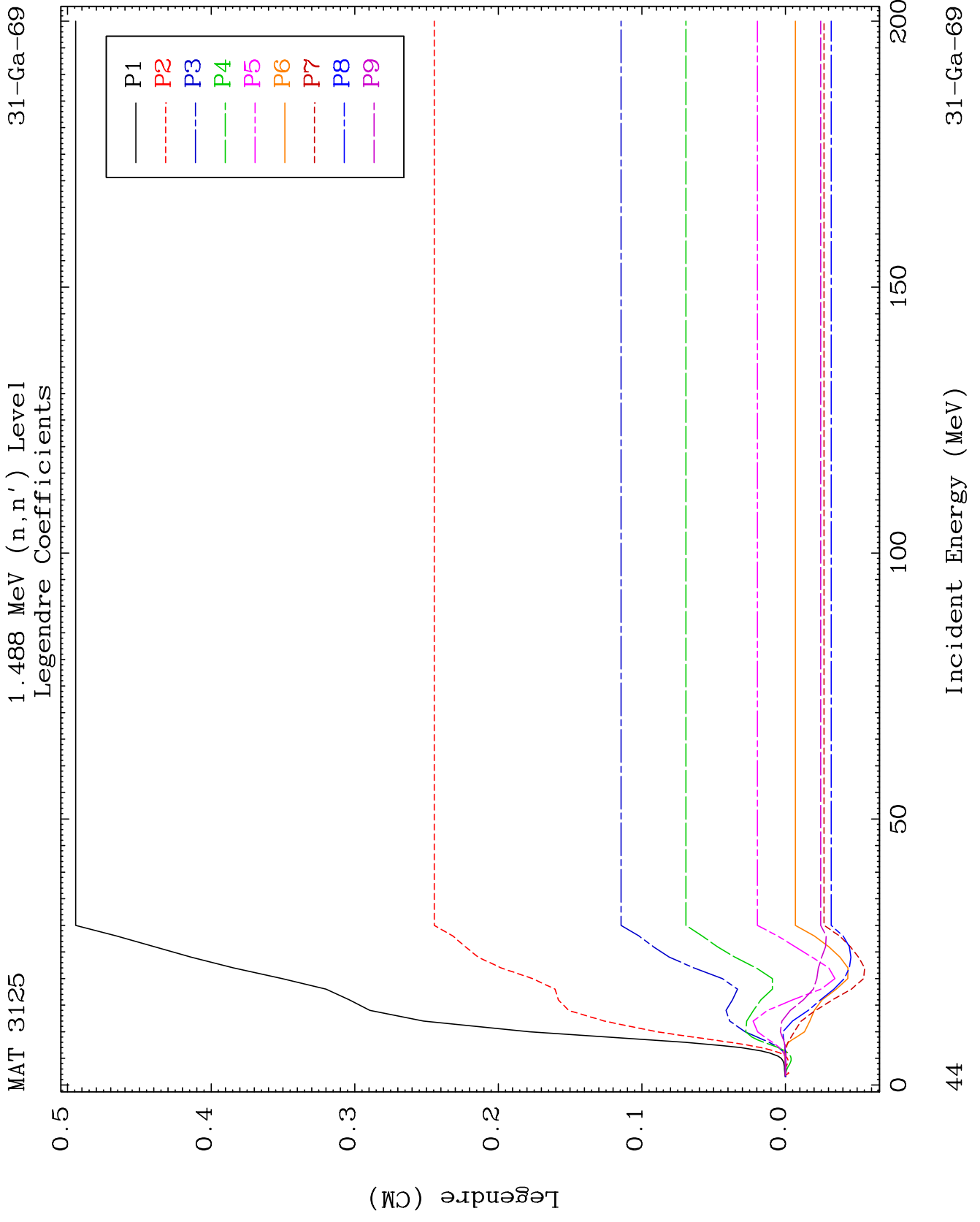


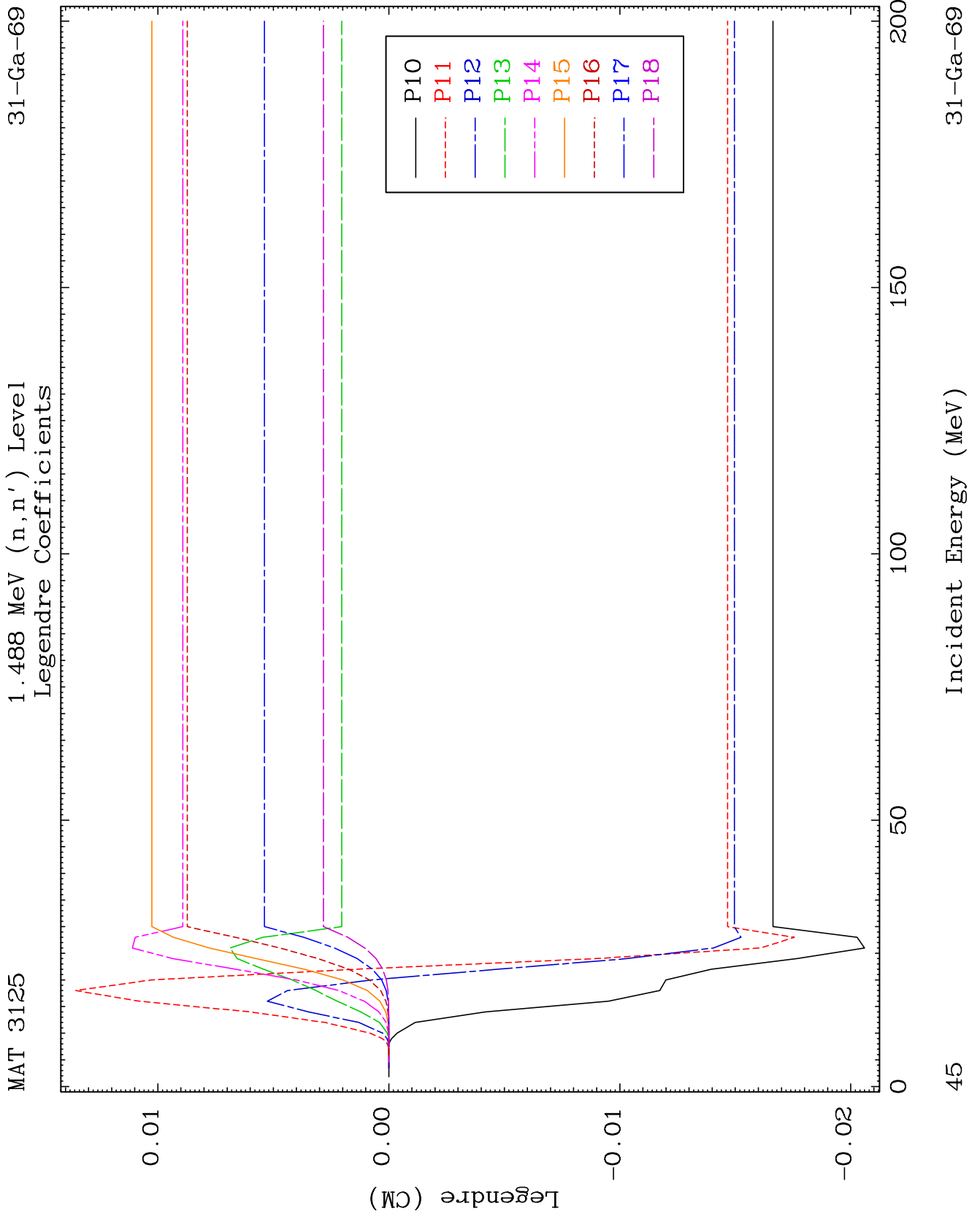
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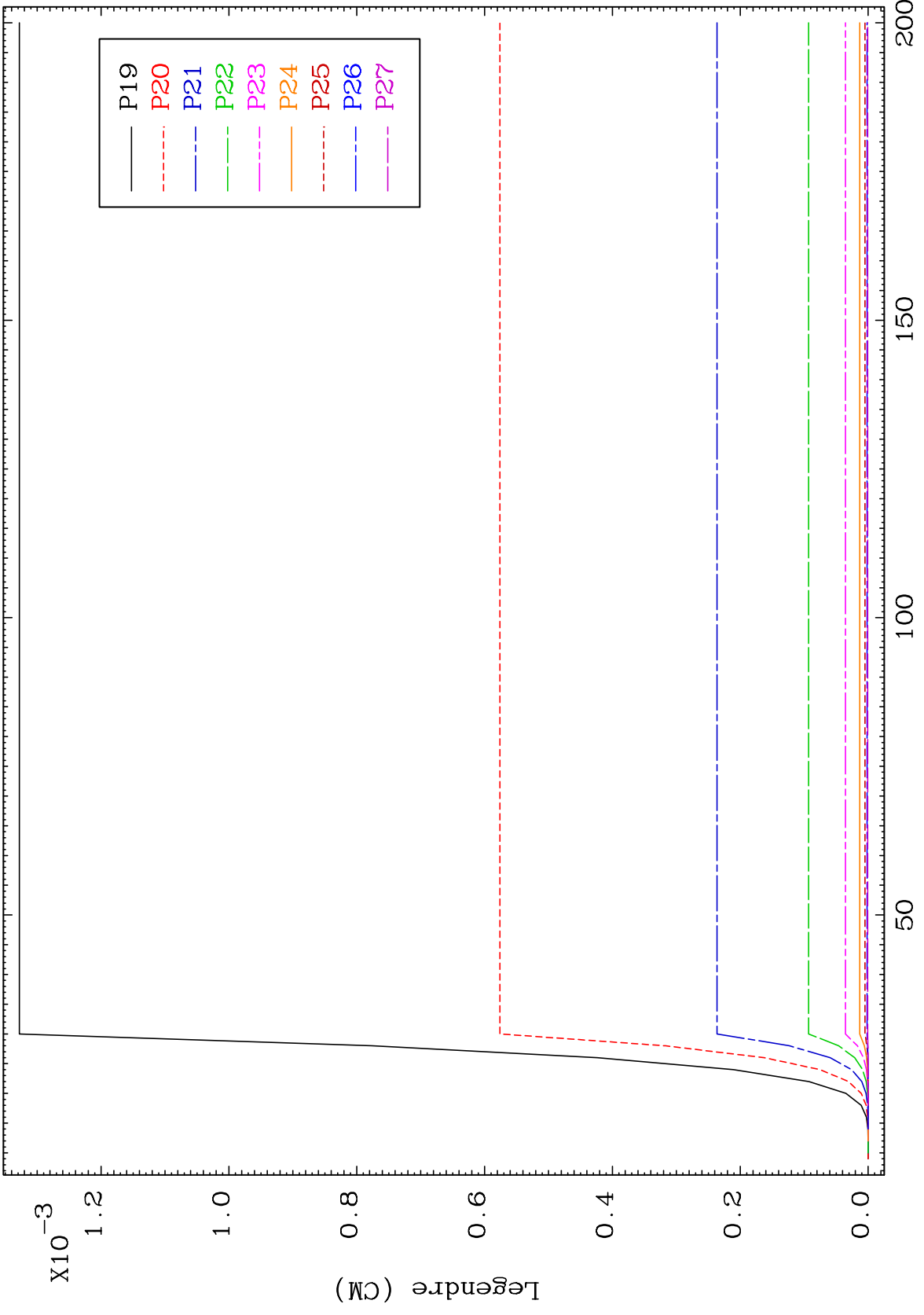
Incident Energy (MeV)

31-Ga-69





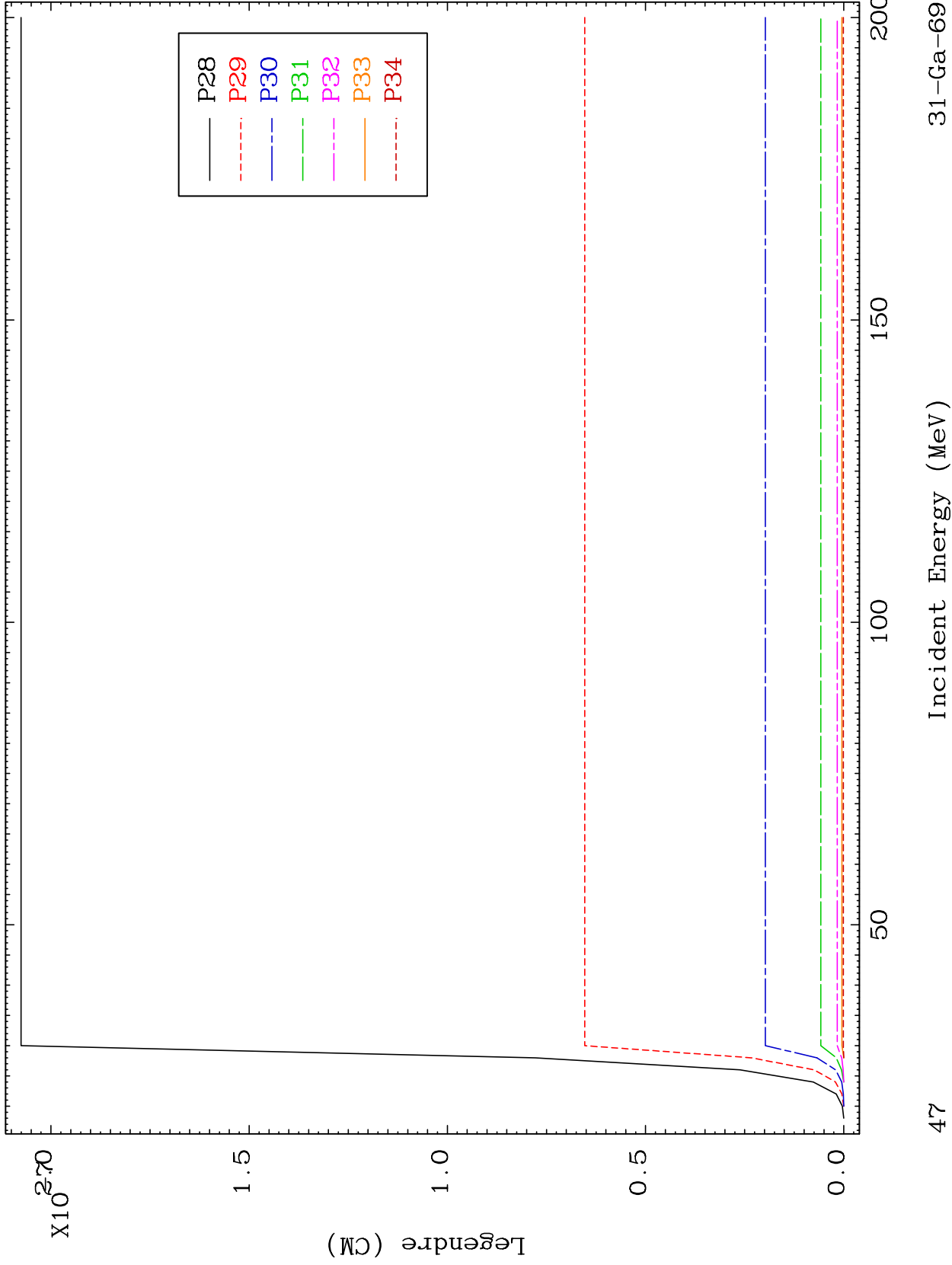




MAT 3125

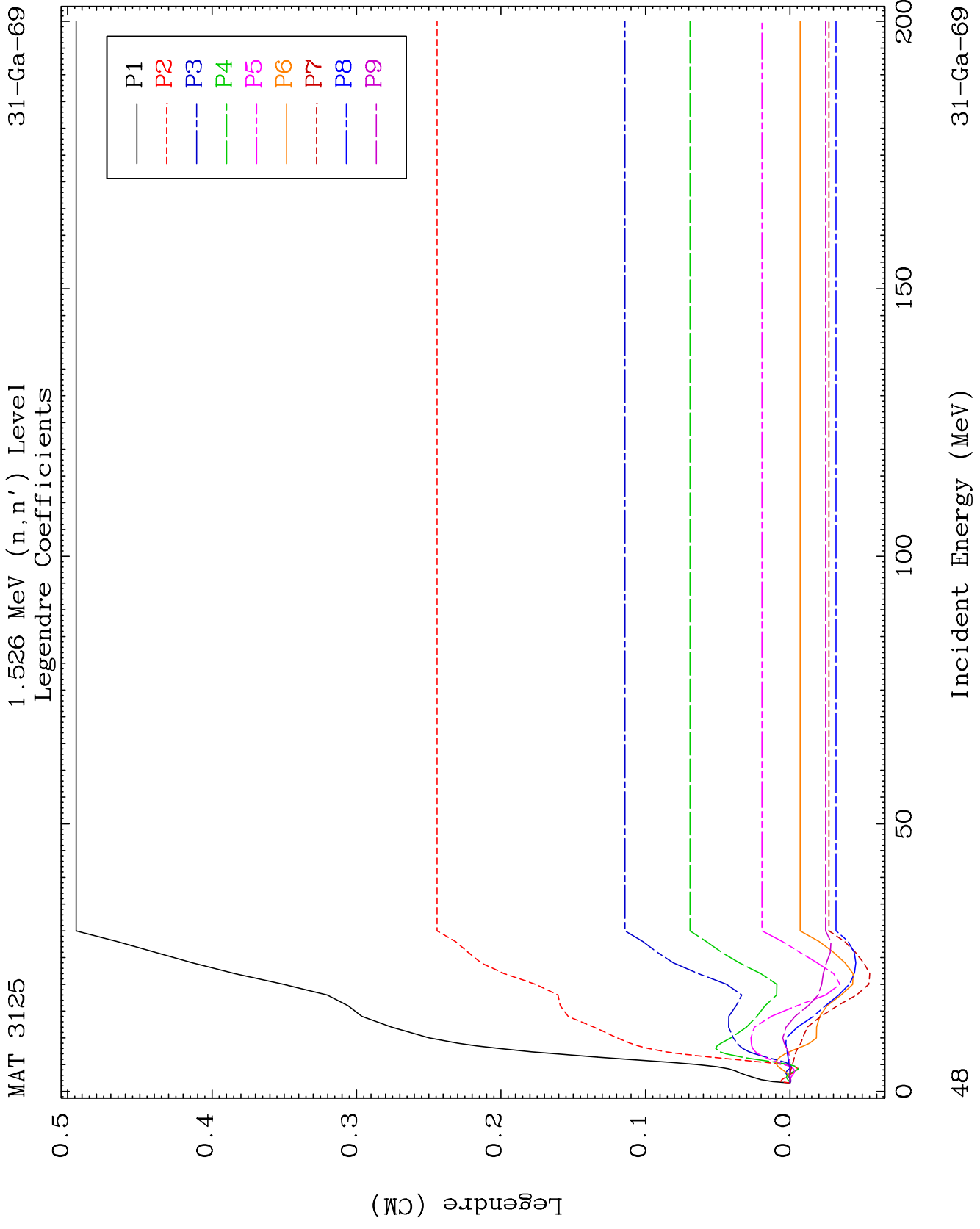
1.488 MeV (n,n') Level
Legendre Coefficients

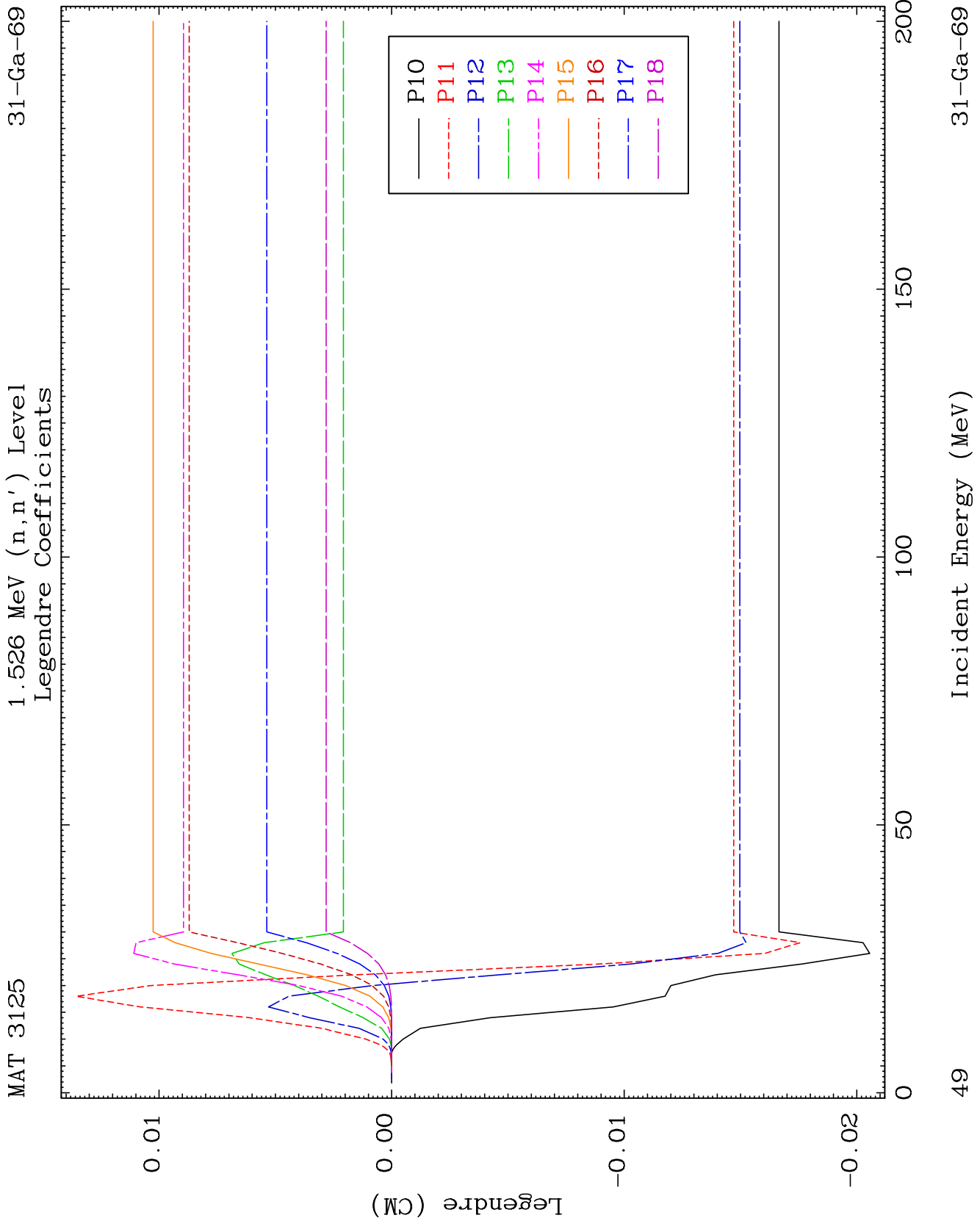
31-Ga-69

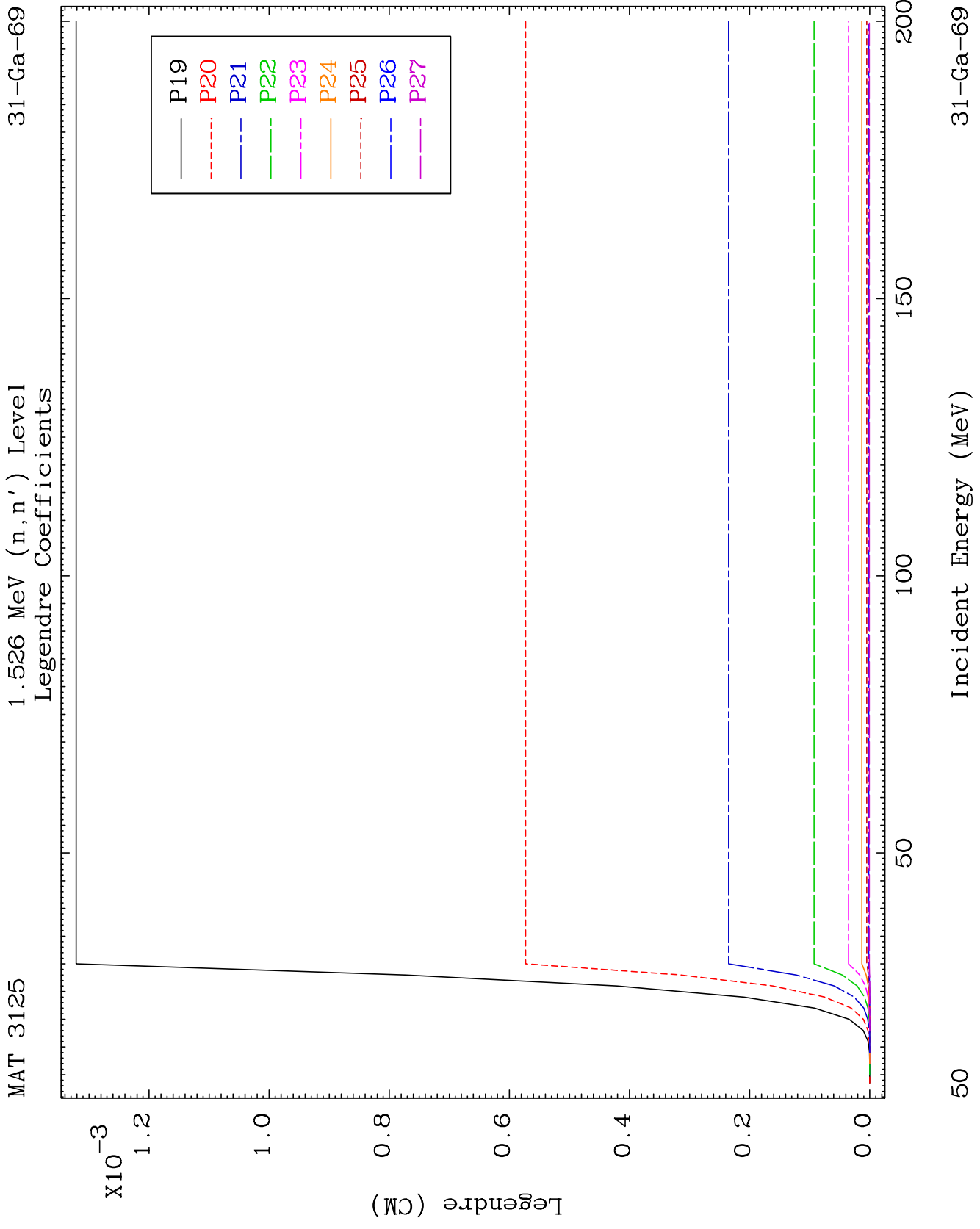


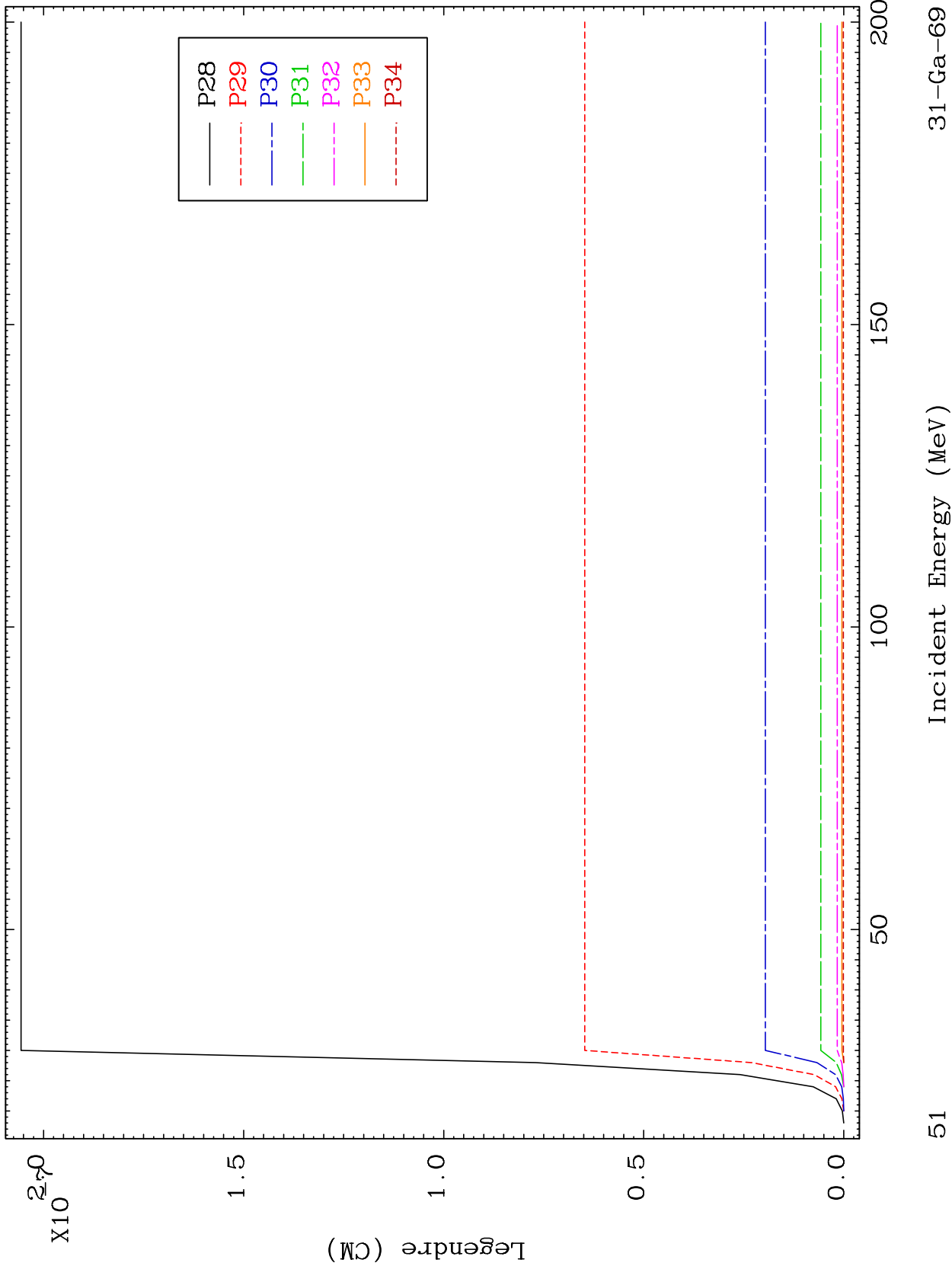
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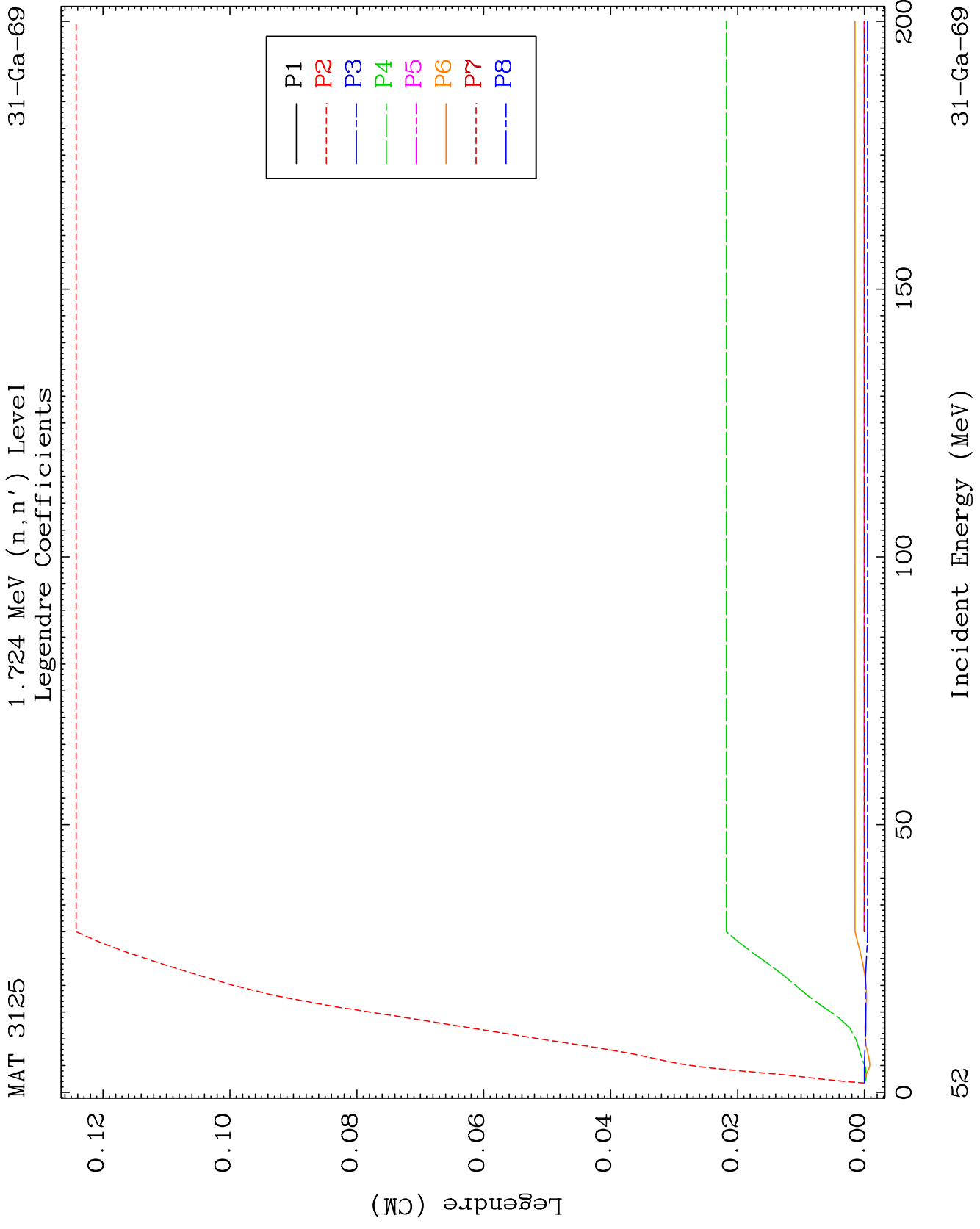
31-Ga-69

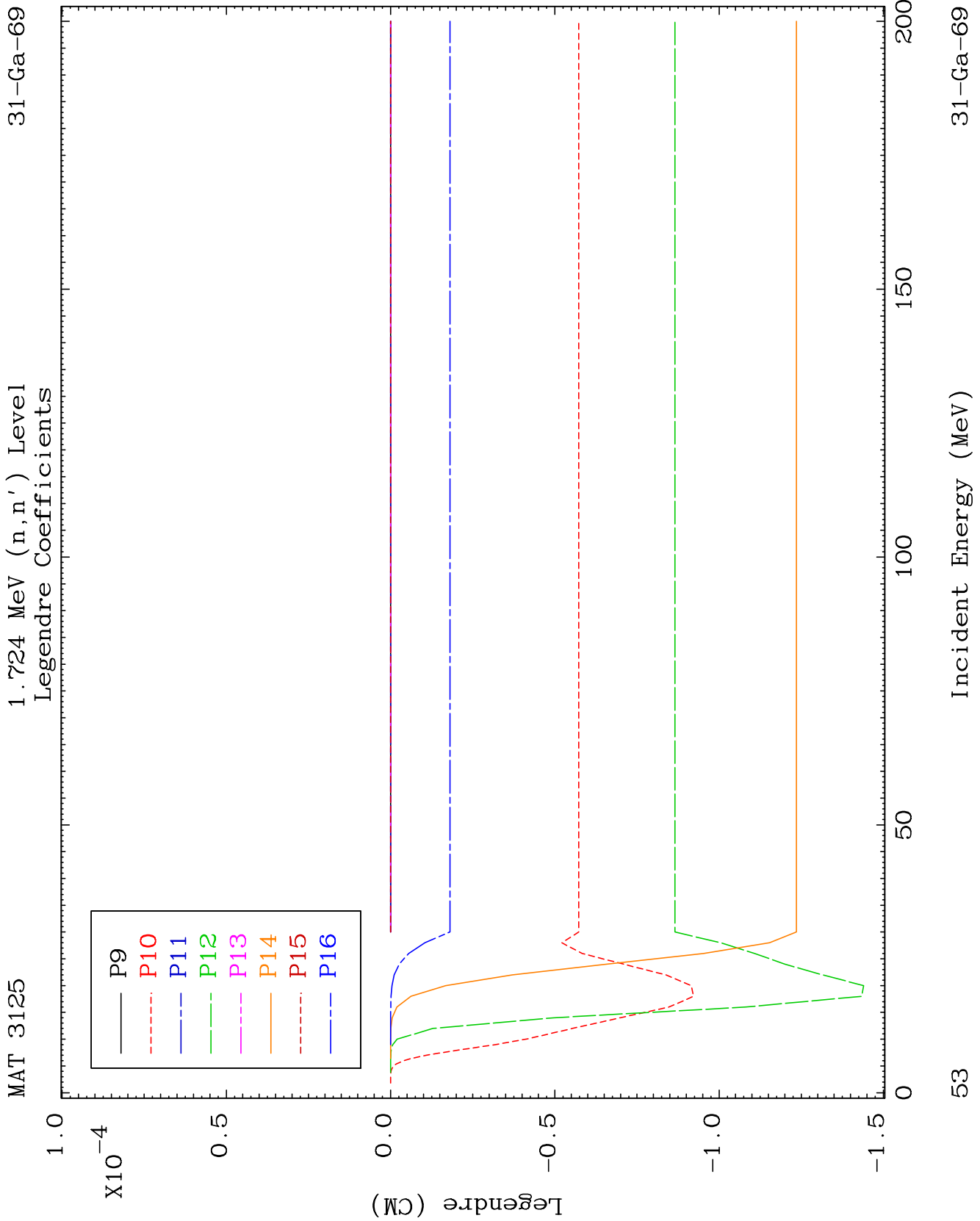


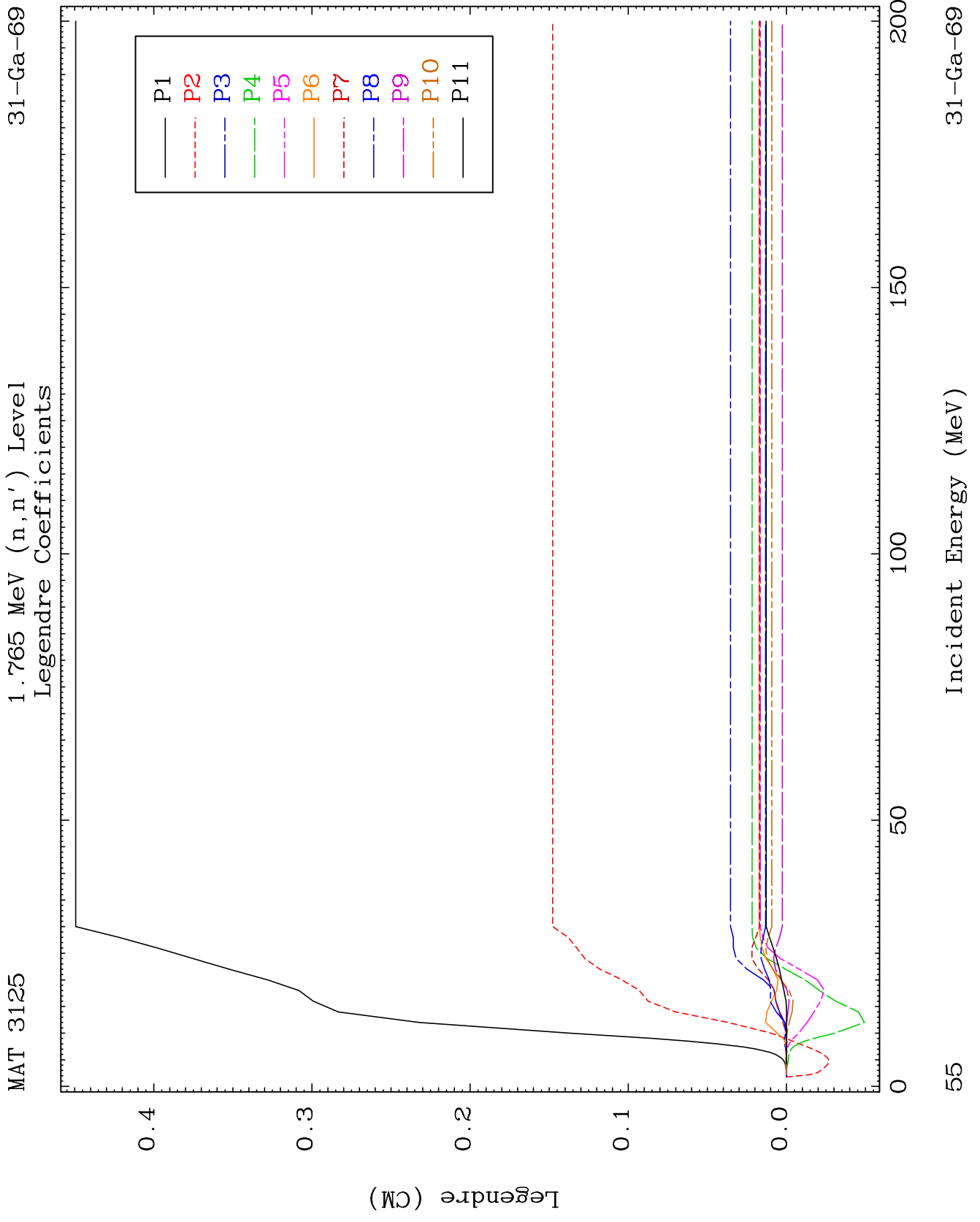


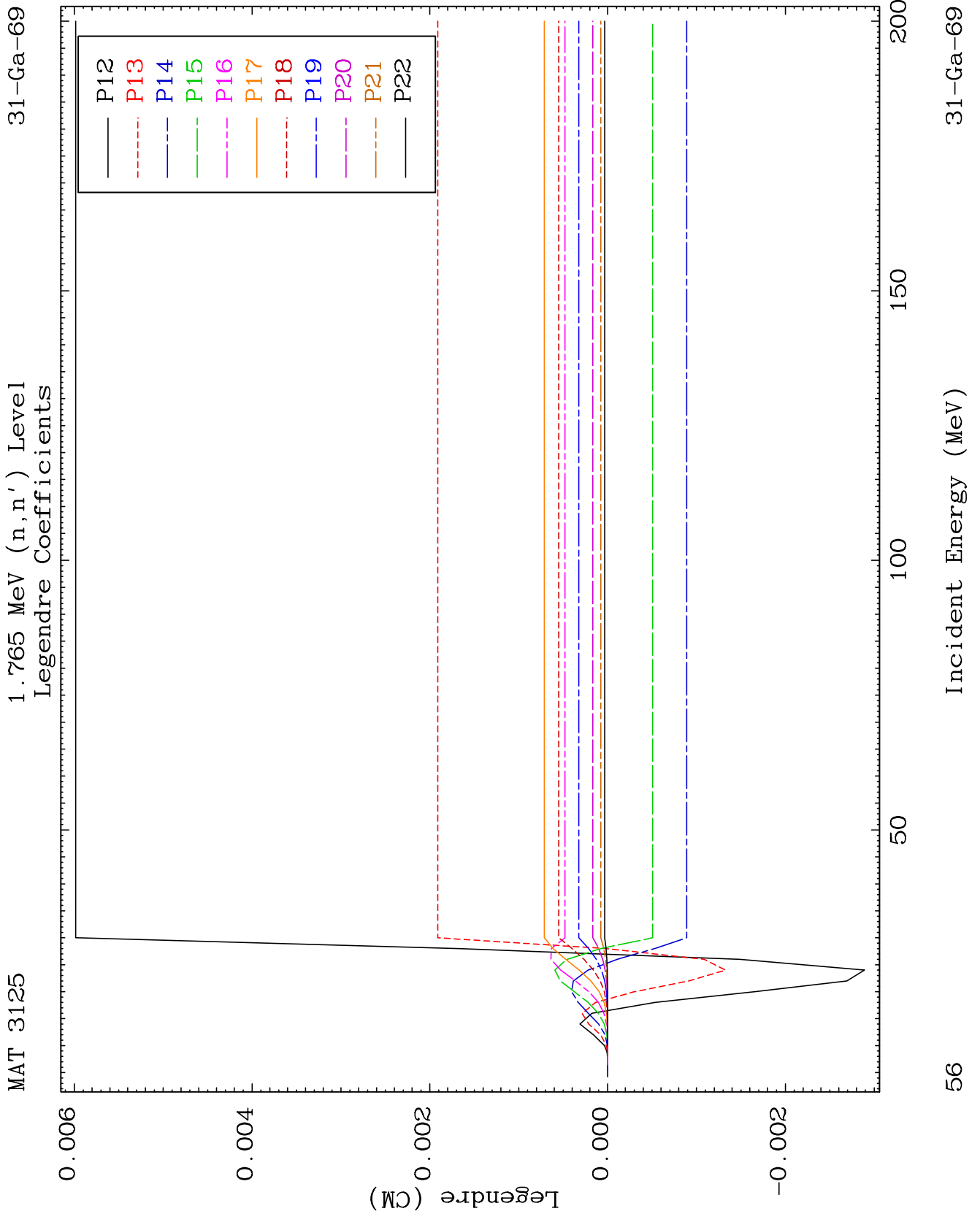








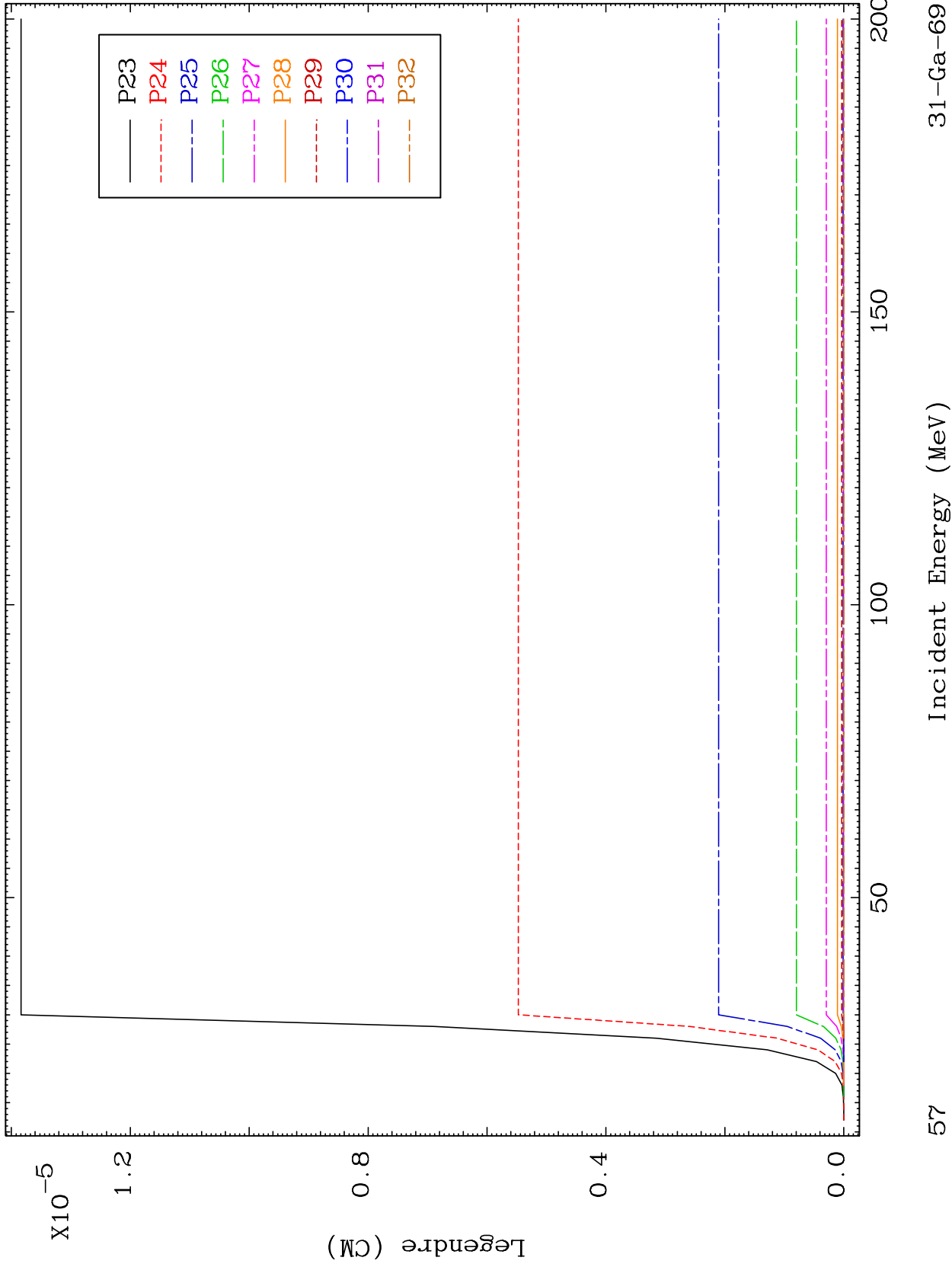




MAT 3125

1.765 MeV (n,n') Level
Legendre Coefficients

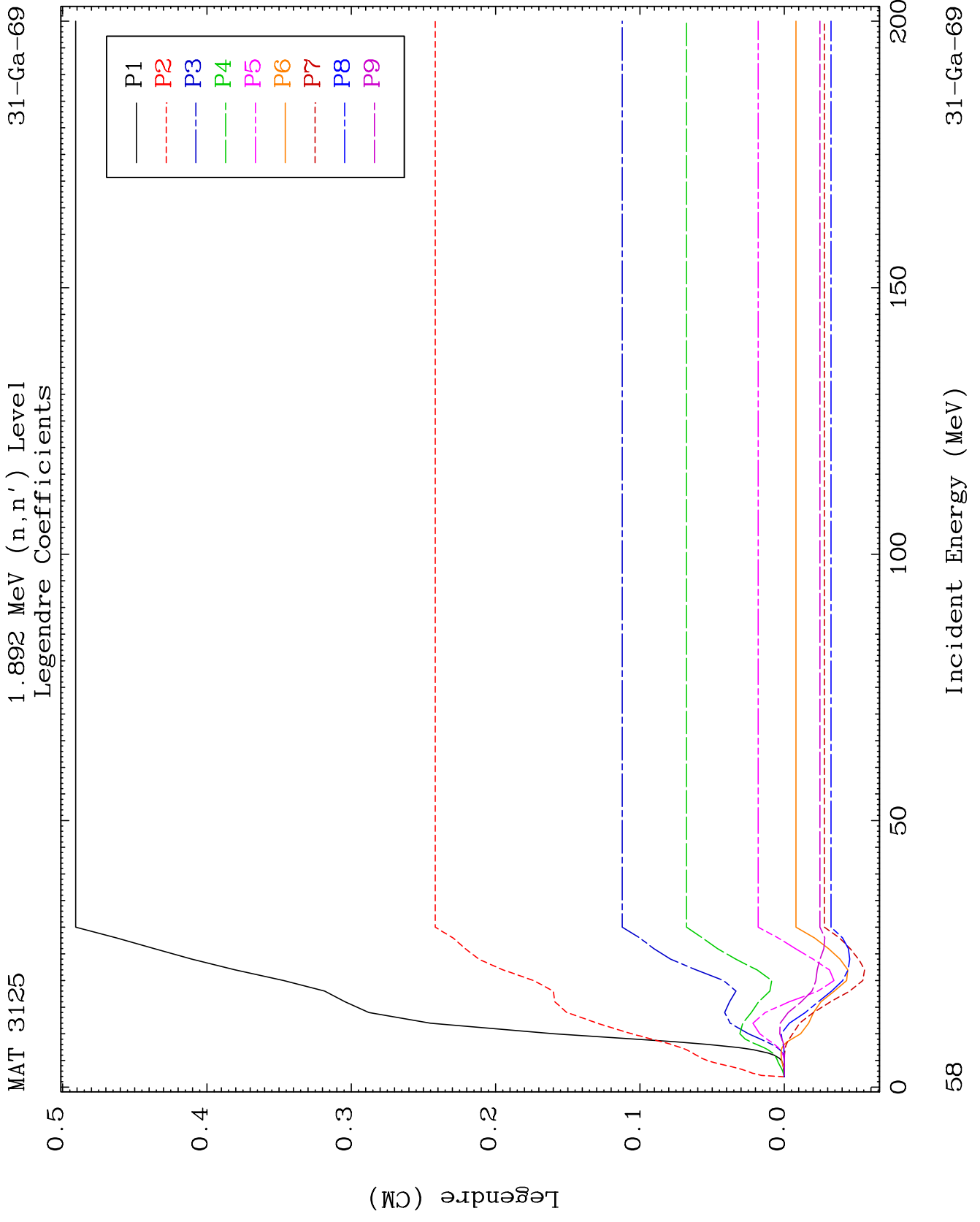
31-Ga-69



57

Incident Energy (MeV)

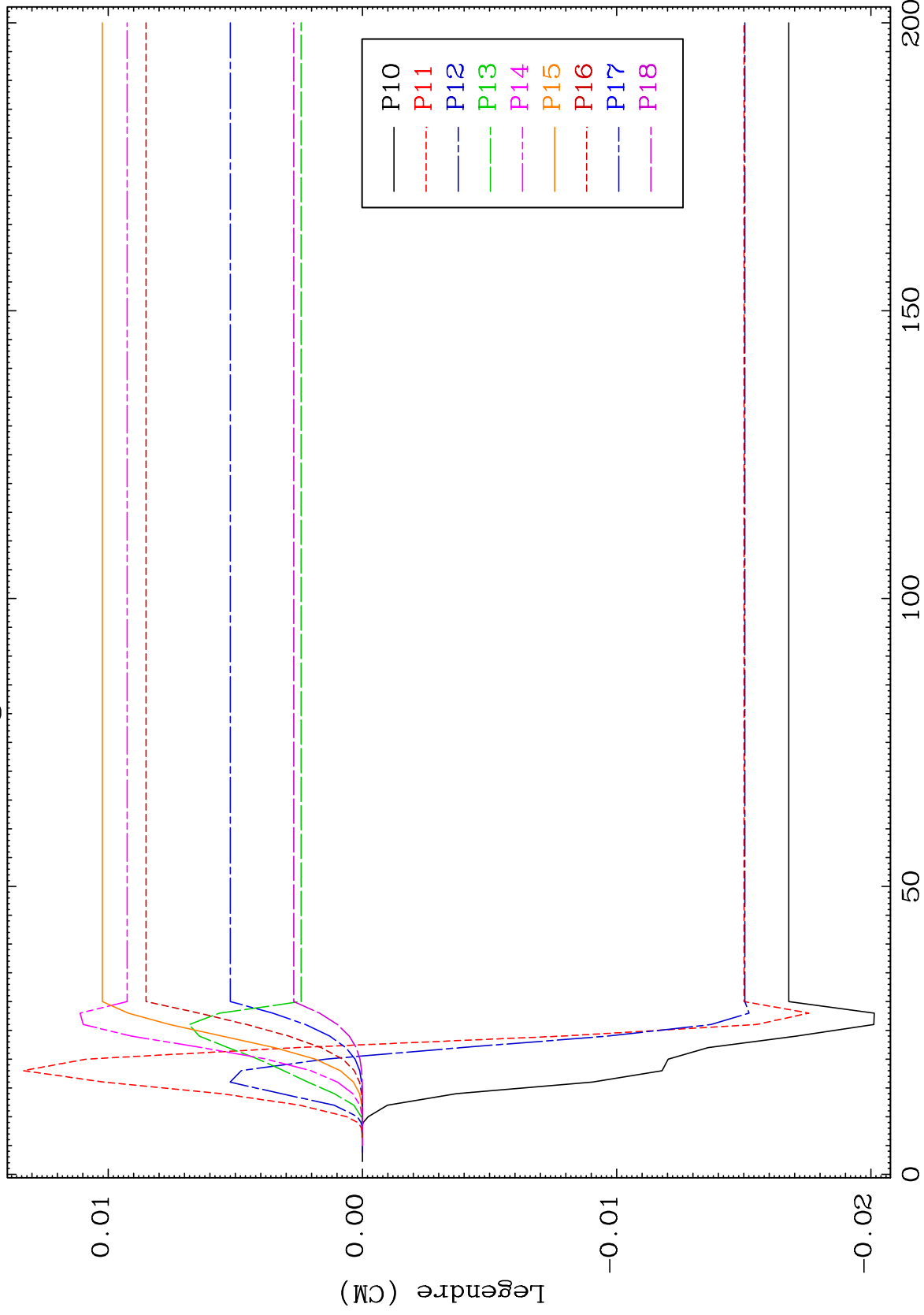
31-Ga-69



MAT 3125

1.892 MeV (n,n') Level
Legendre Coefficients

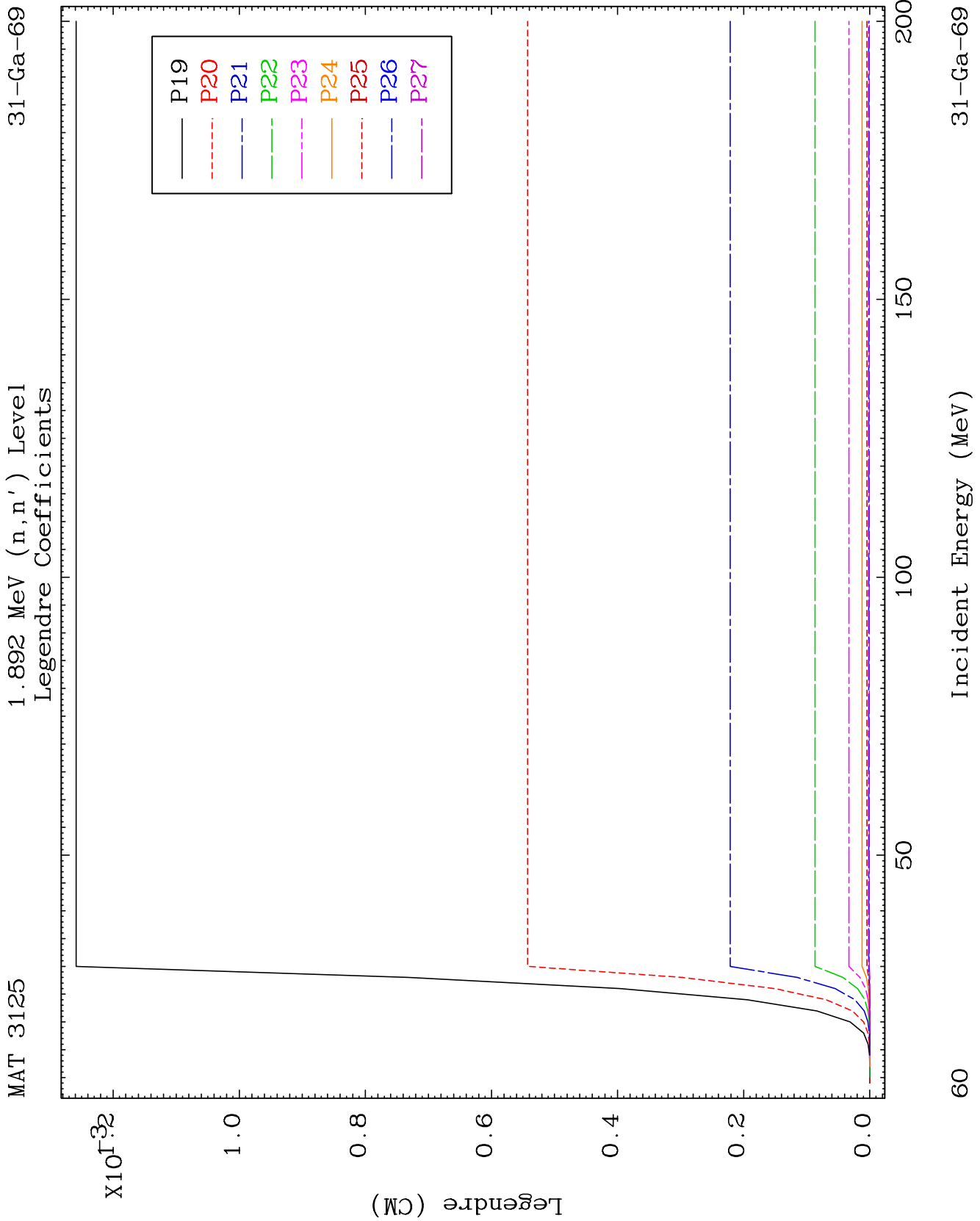
31-Ga-69

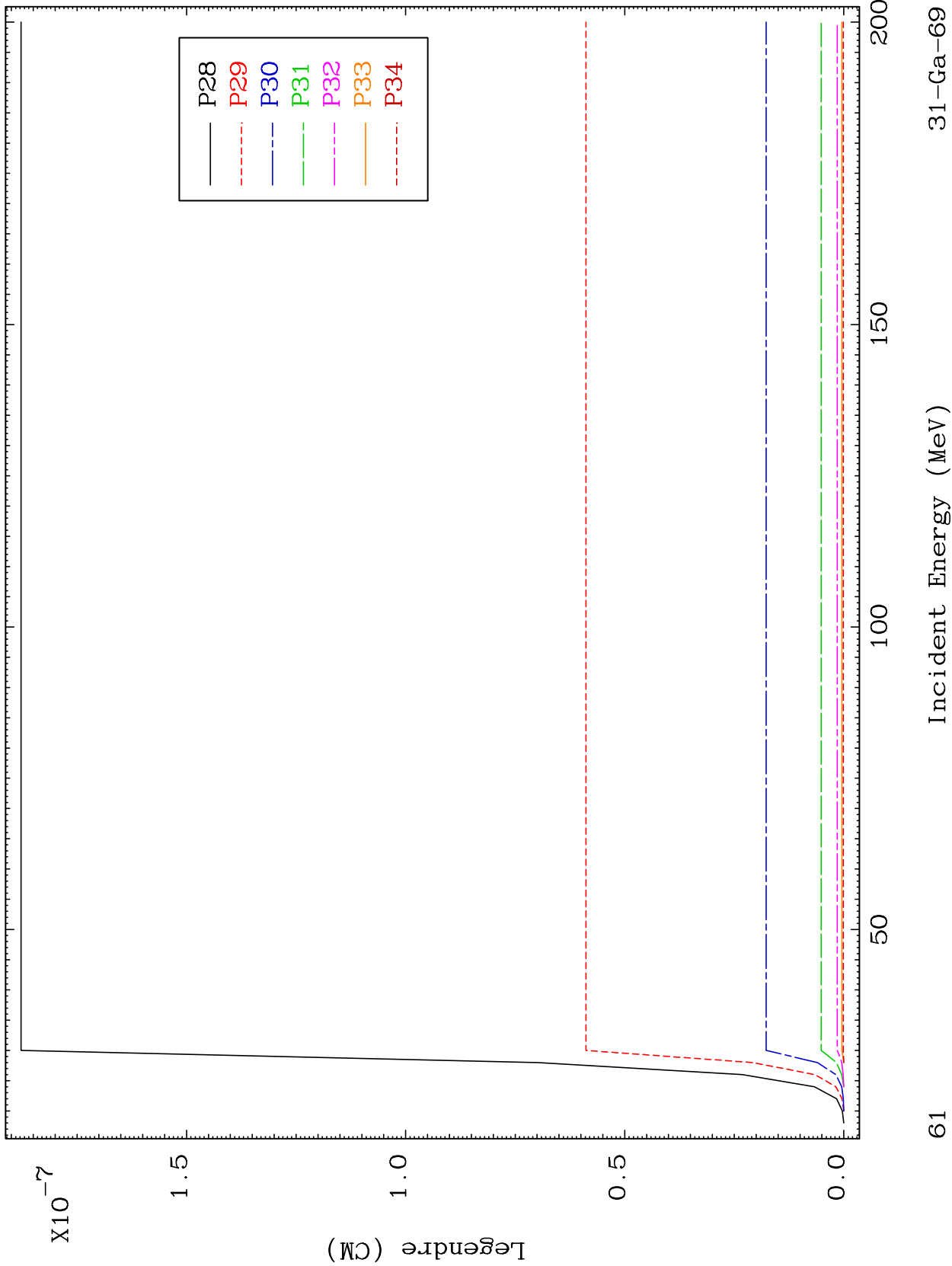


59

Incident Energy (MeV)

31-Ga-69

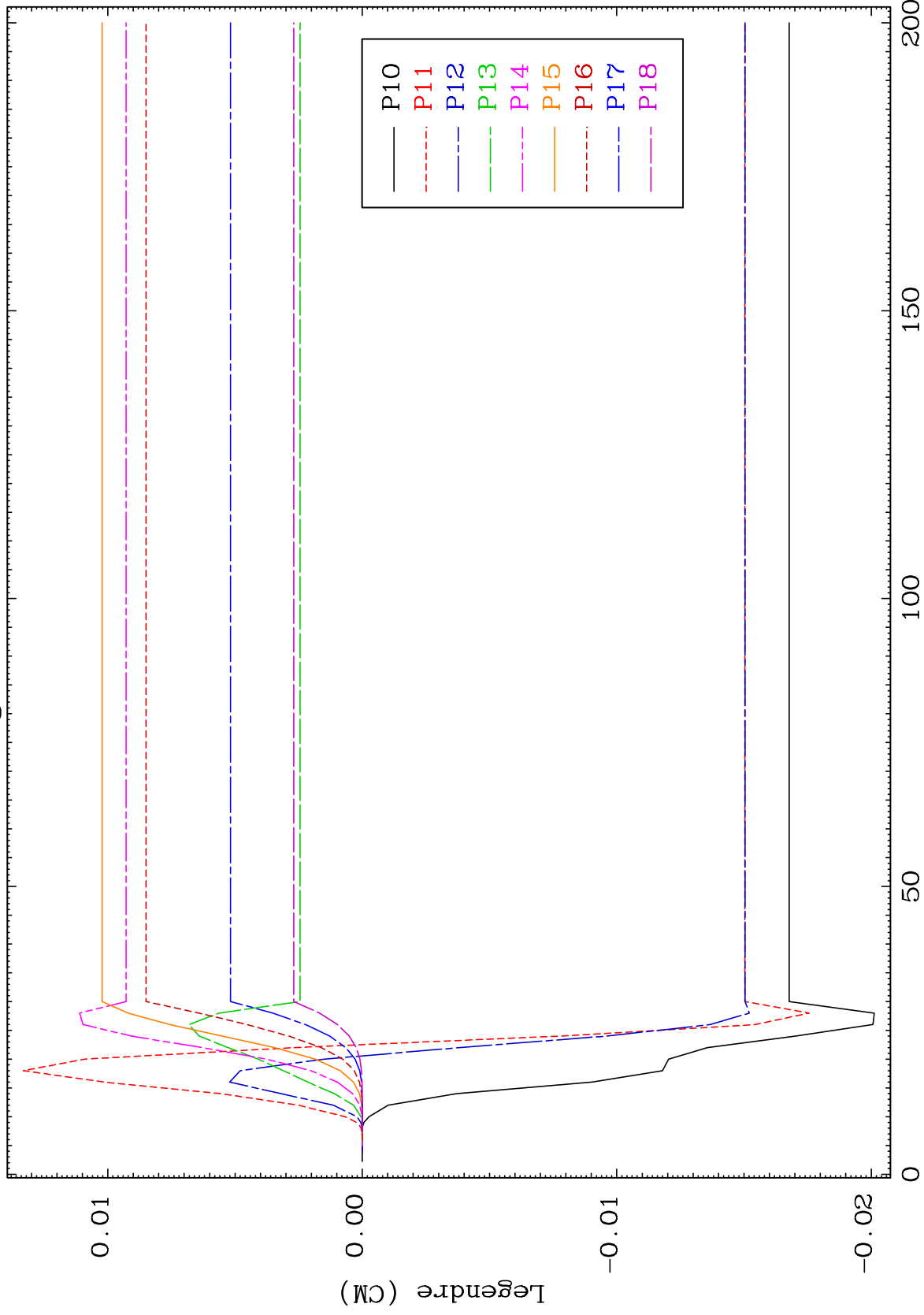




MAT 3125

1.924 MeV (n,n') Level
Legendre Coefficients

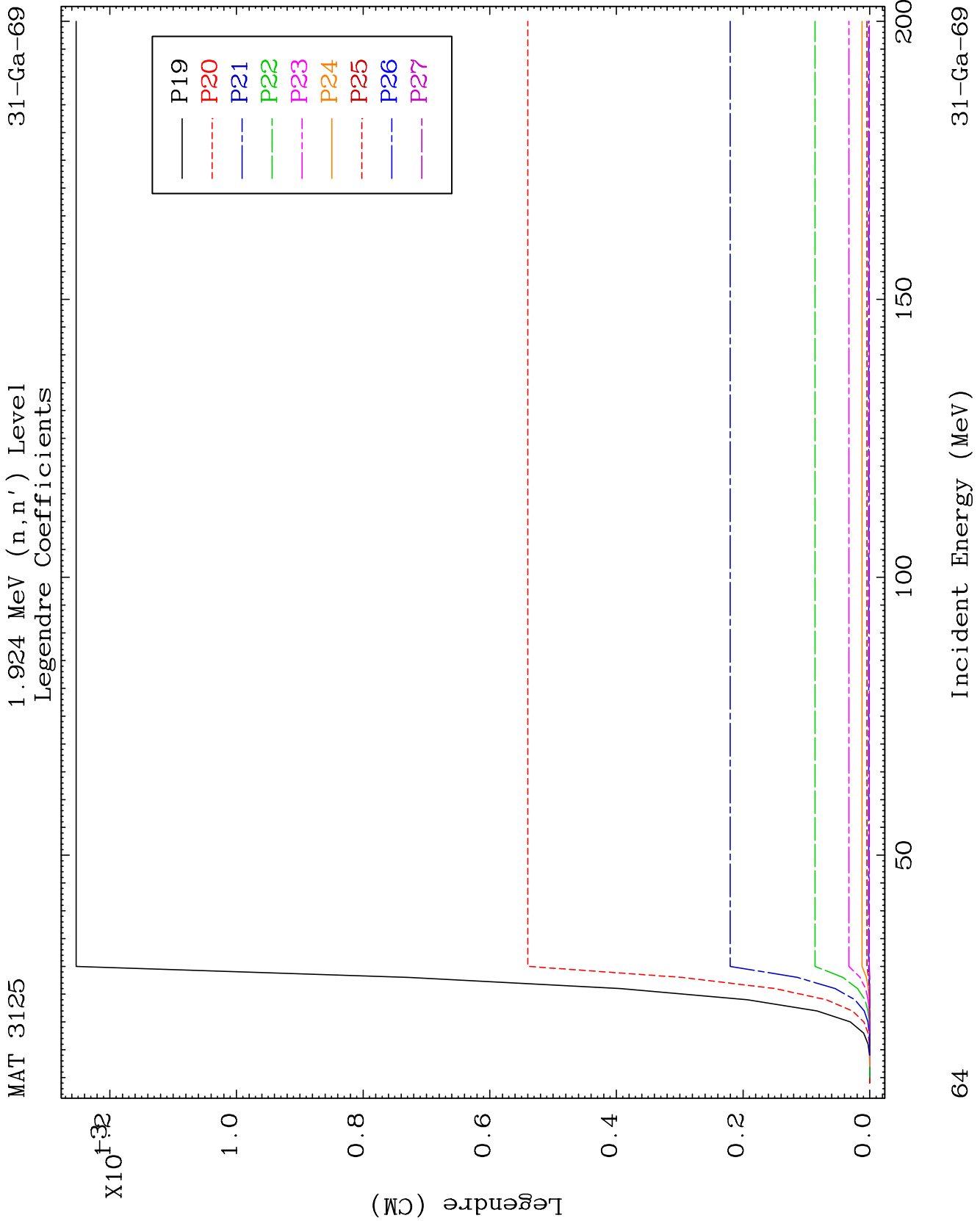
31-Ga-69



63

Incident Energy (MeV)

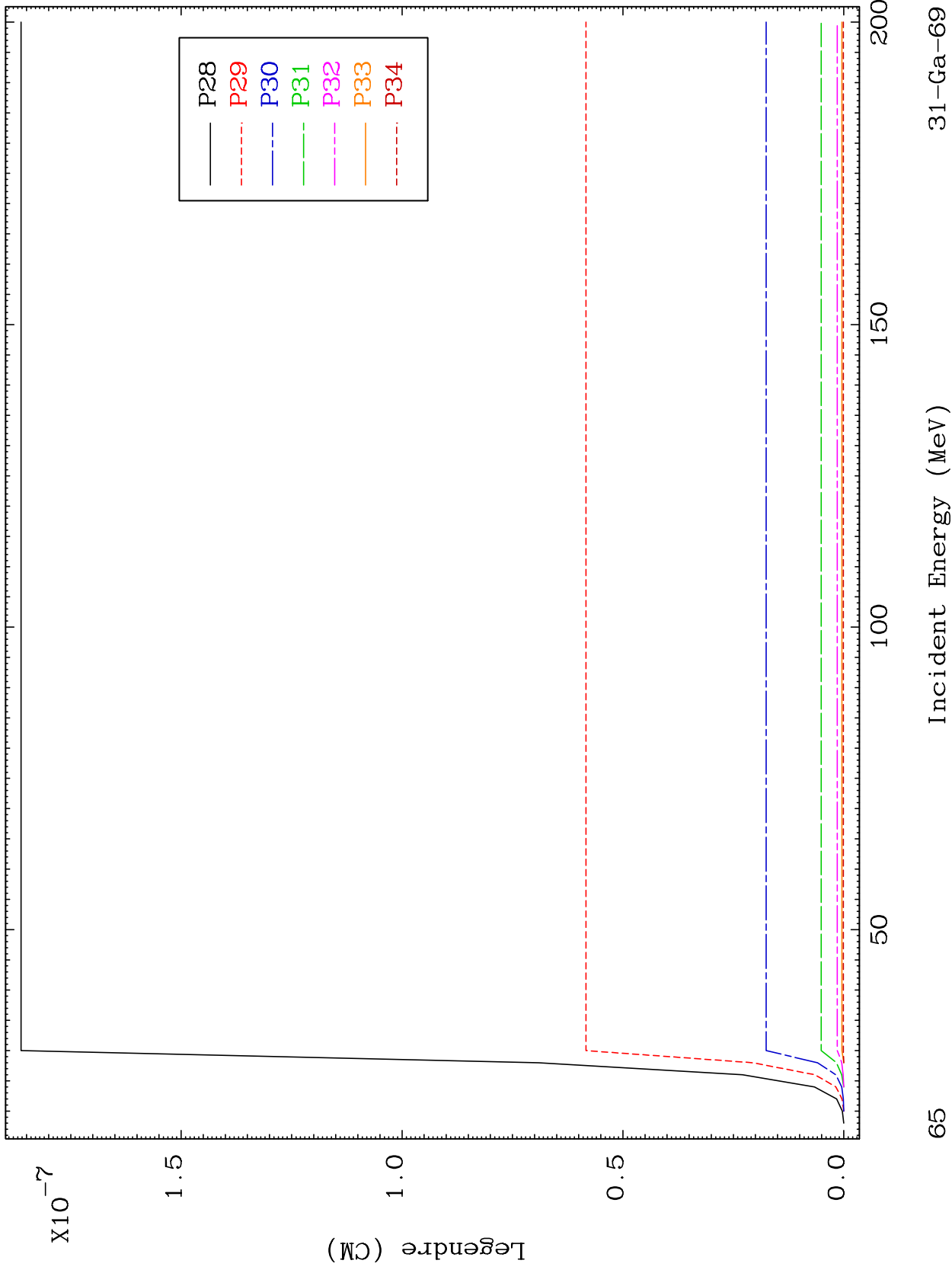
31-Ga-69



MAT 3125

1.924 MeV (n,n') Level
Legendre Coefficients

31-Ga-69



31-Ga-69

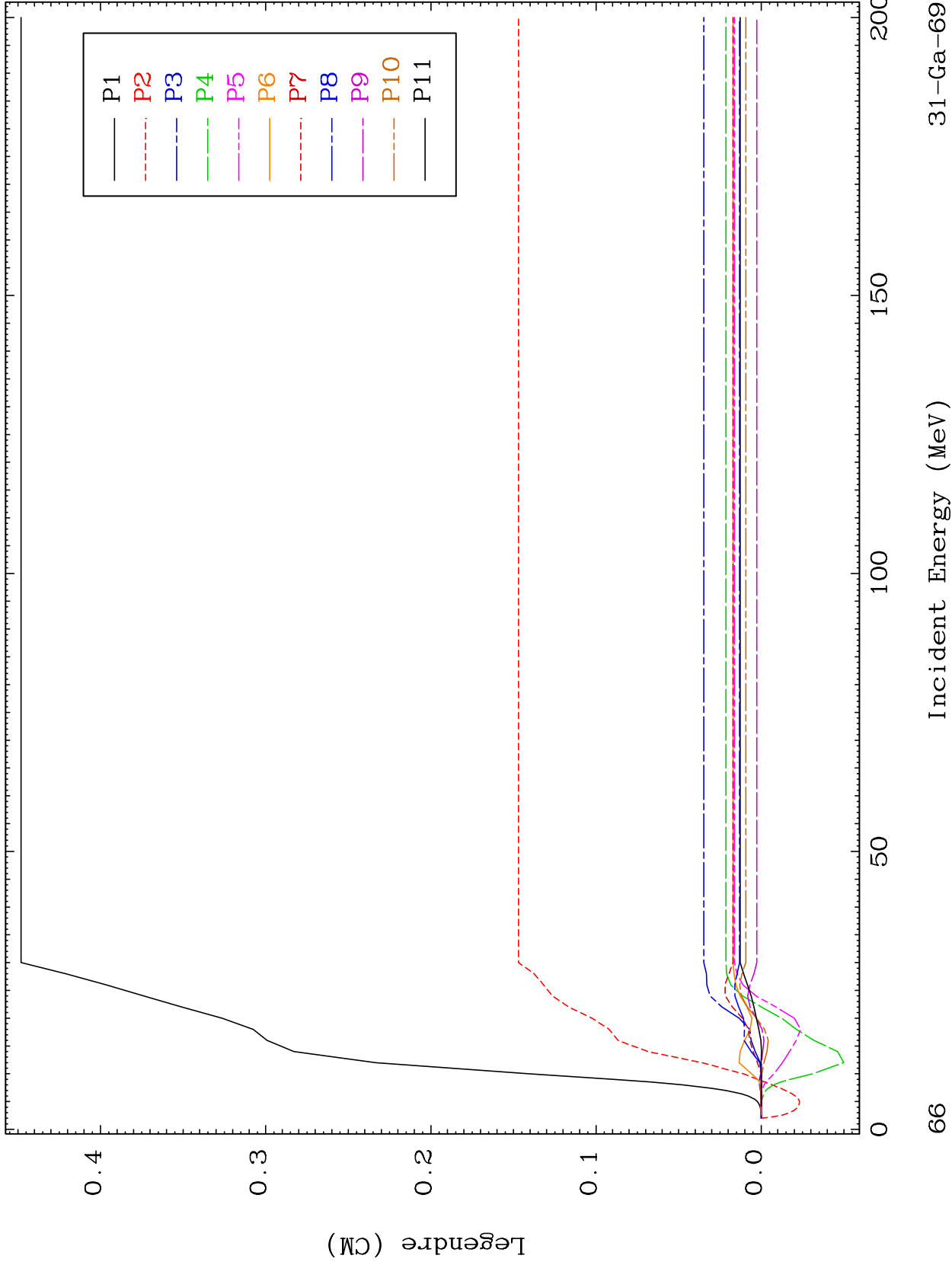
Incident Energy (MeV)

65

MAT 3125

1.972 MeV (n,n') Level
Legendre Coefficients

31-Ga-69



31-Ga-69

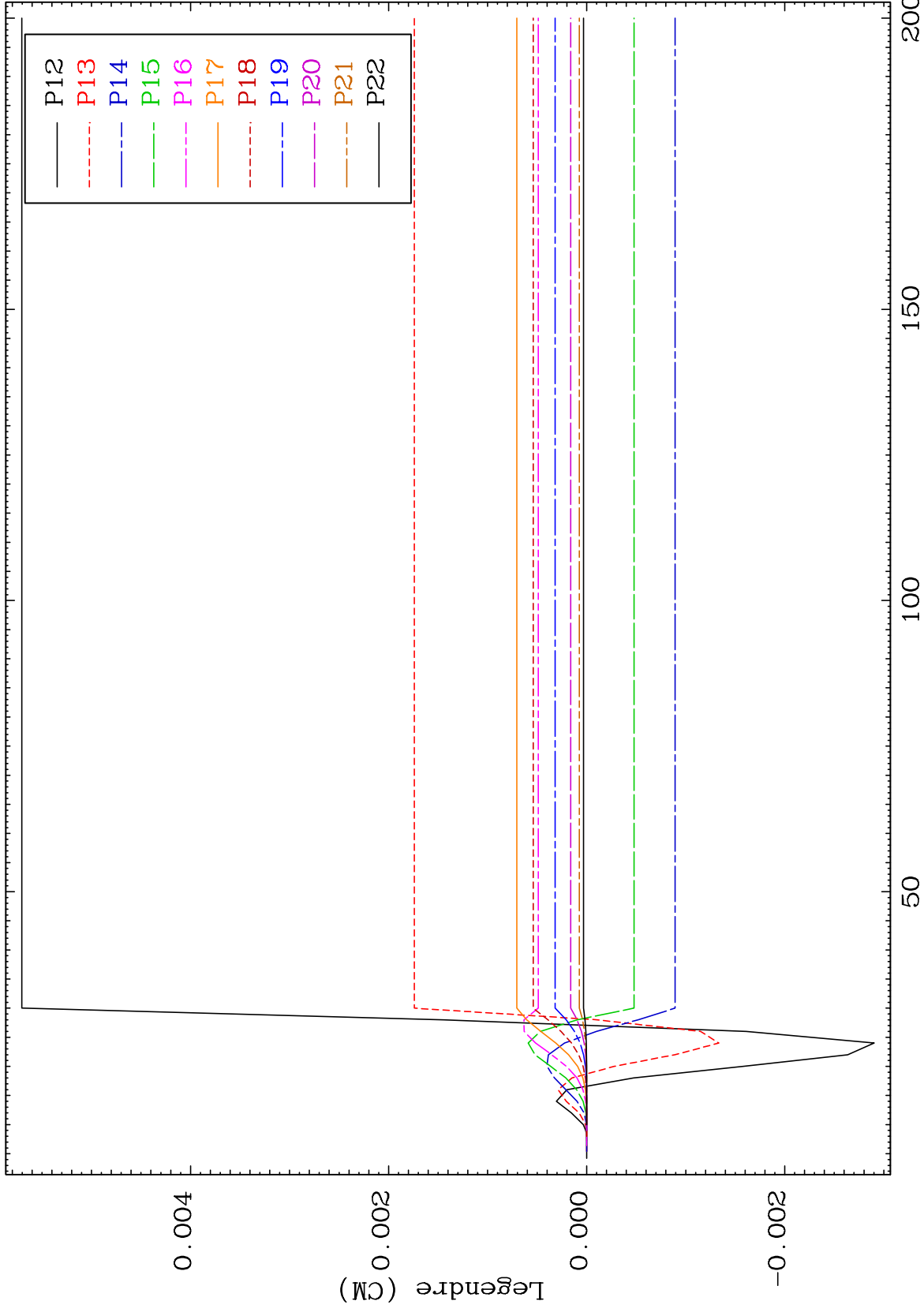
Incident Energy (MeV)

66

MAT 3125

1.972 MeV (n,n') Level
Legendre Coefficients

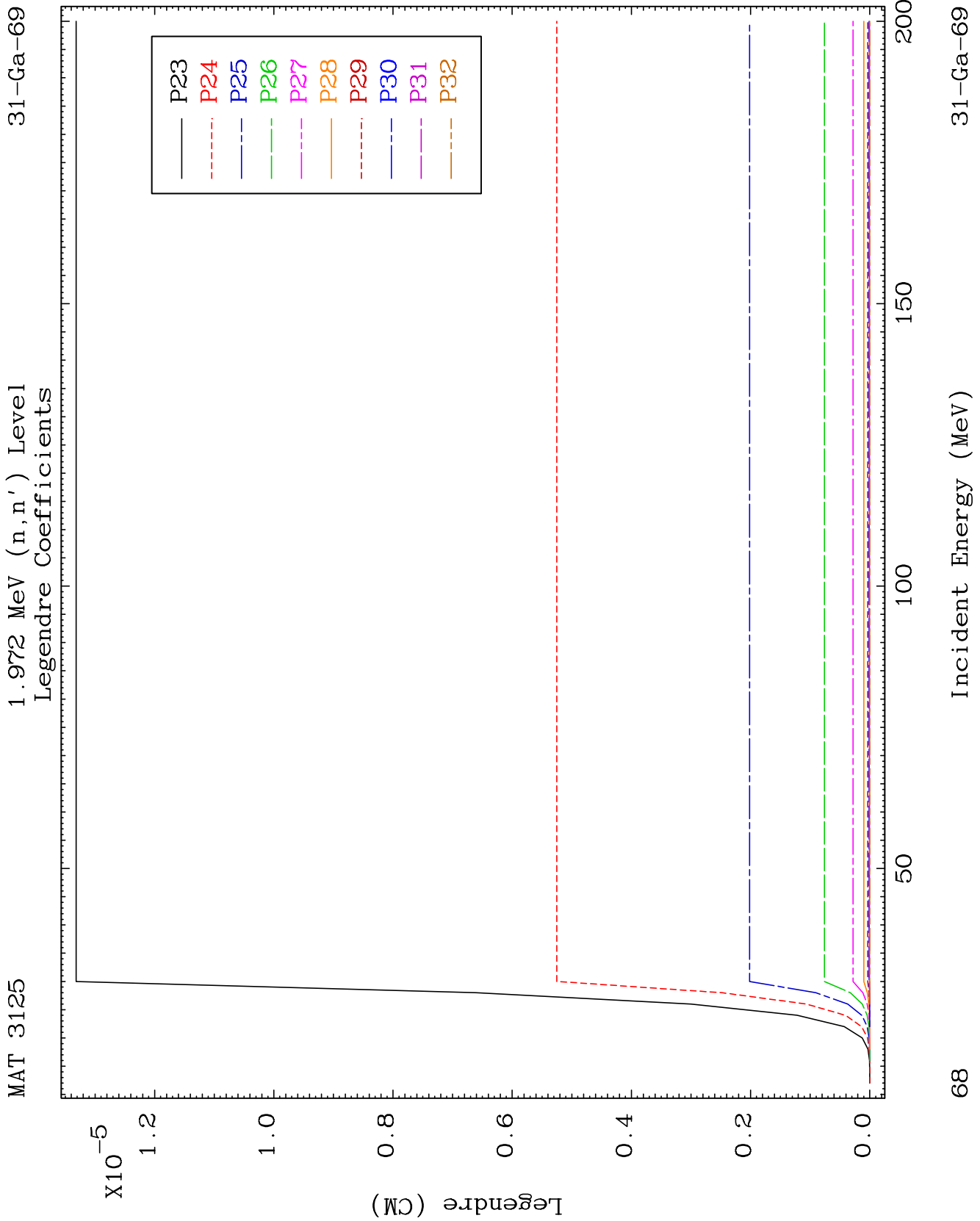
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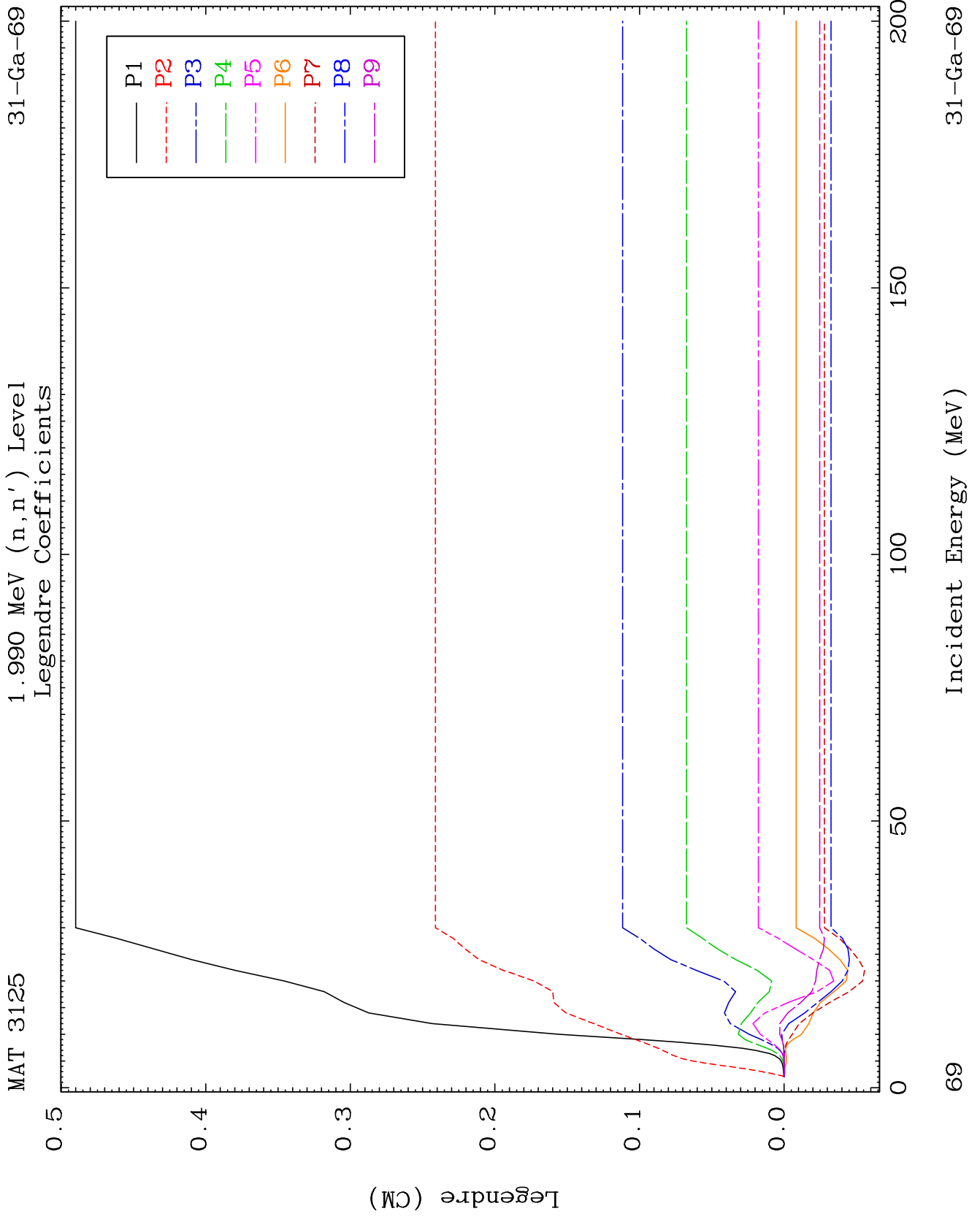


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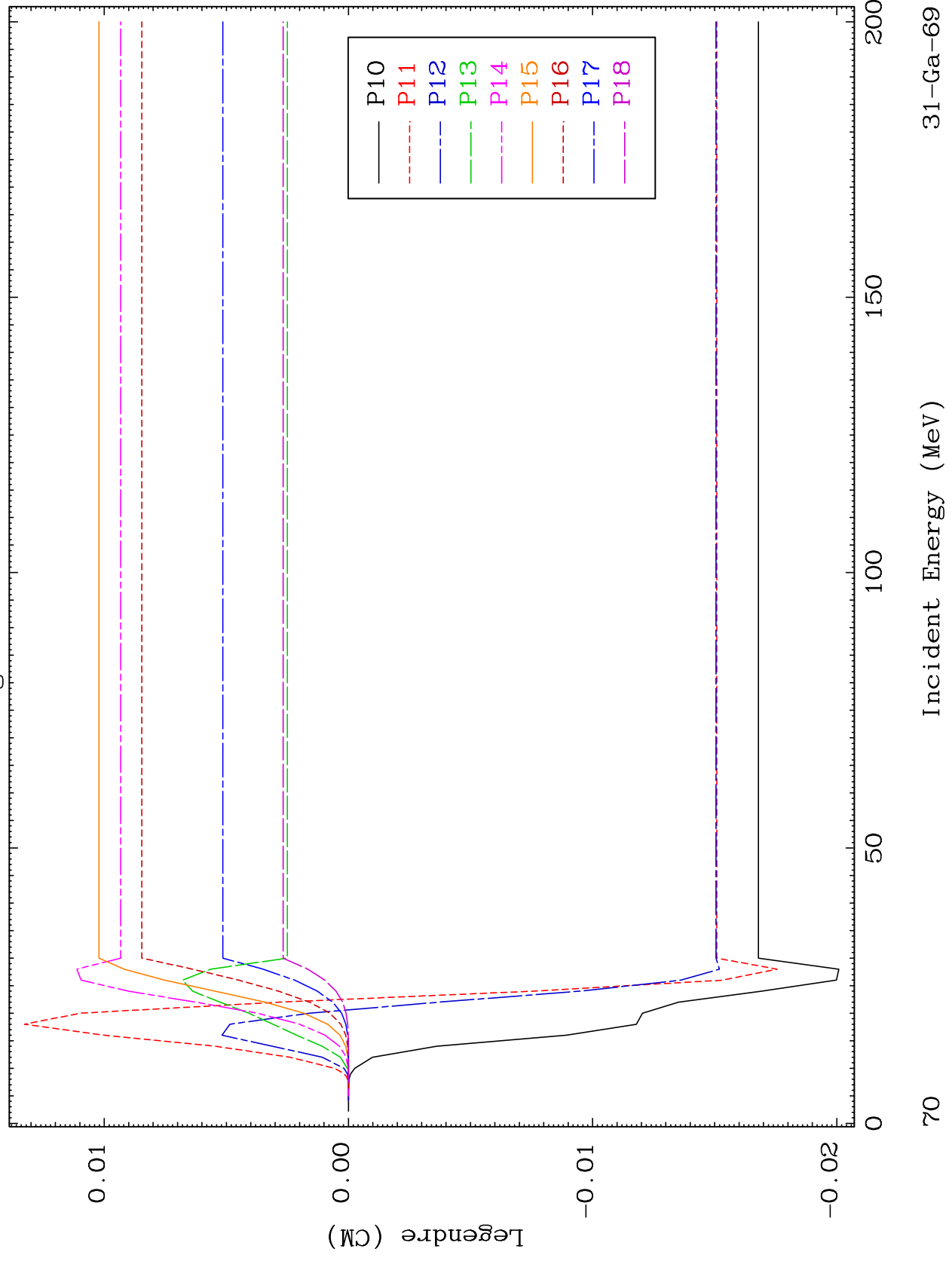
Incident Energy (MeV)

31-Ga-69

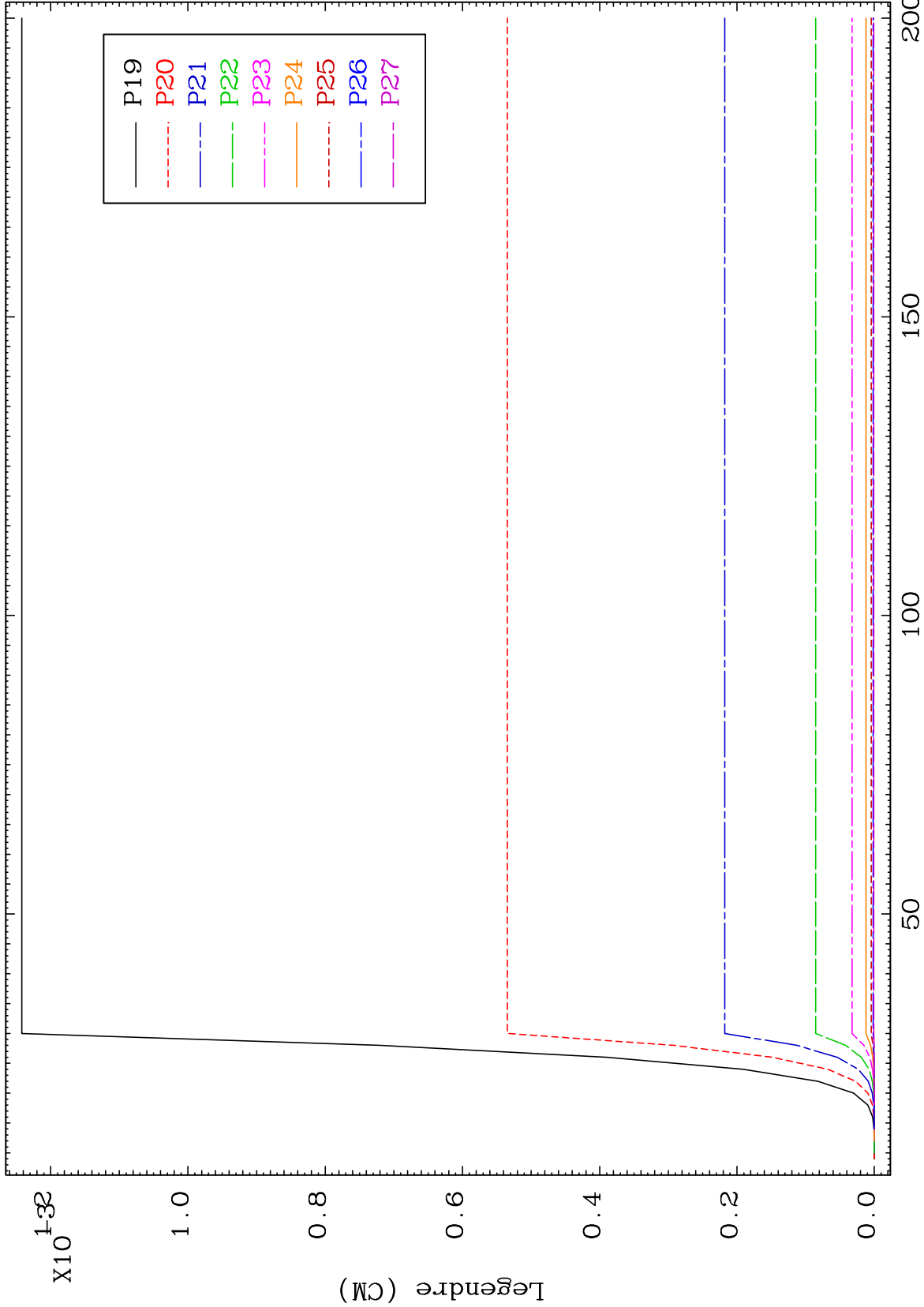




MAT 3125 1.990 MeV (n,n') Level Legendre Coefficients 31-Ga-69



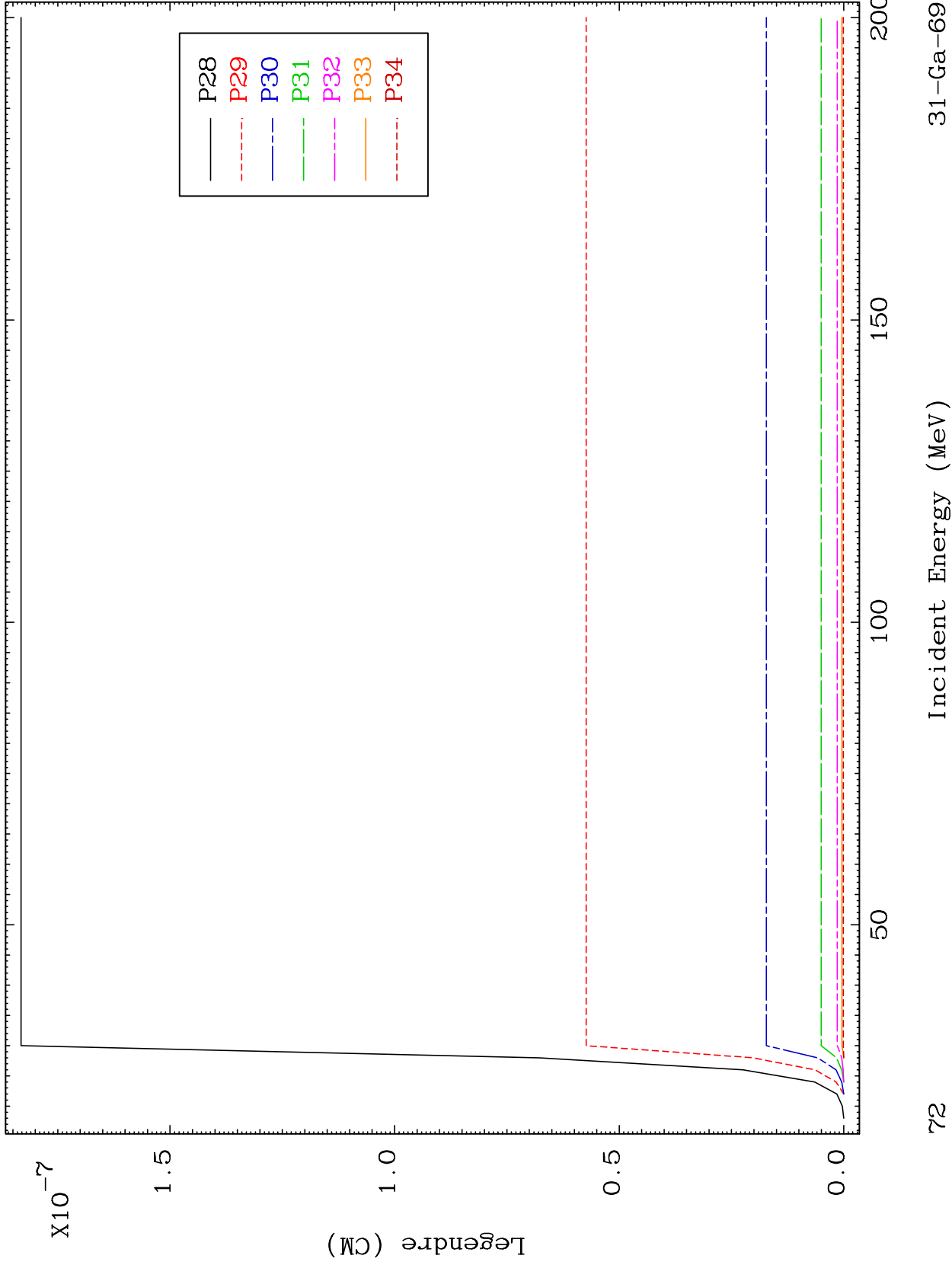
31-Ga-69



MAT 3125

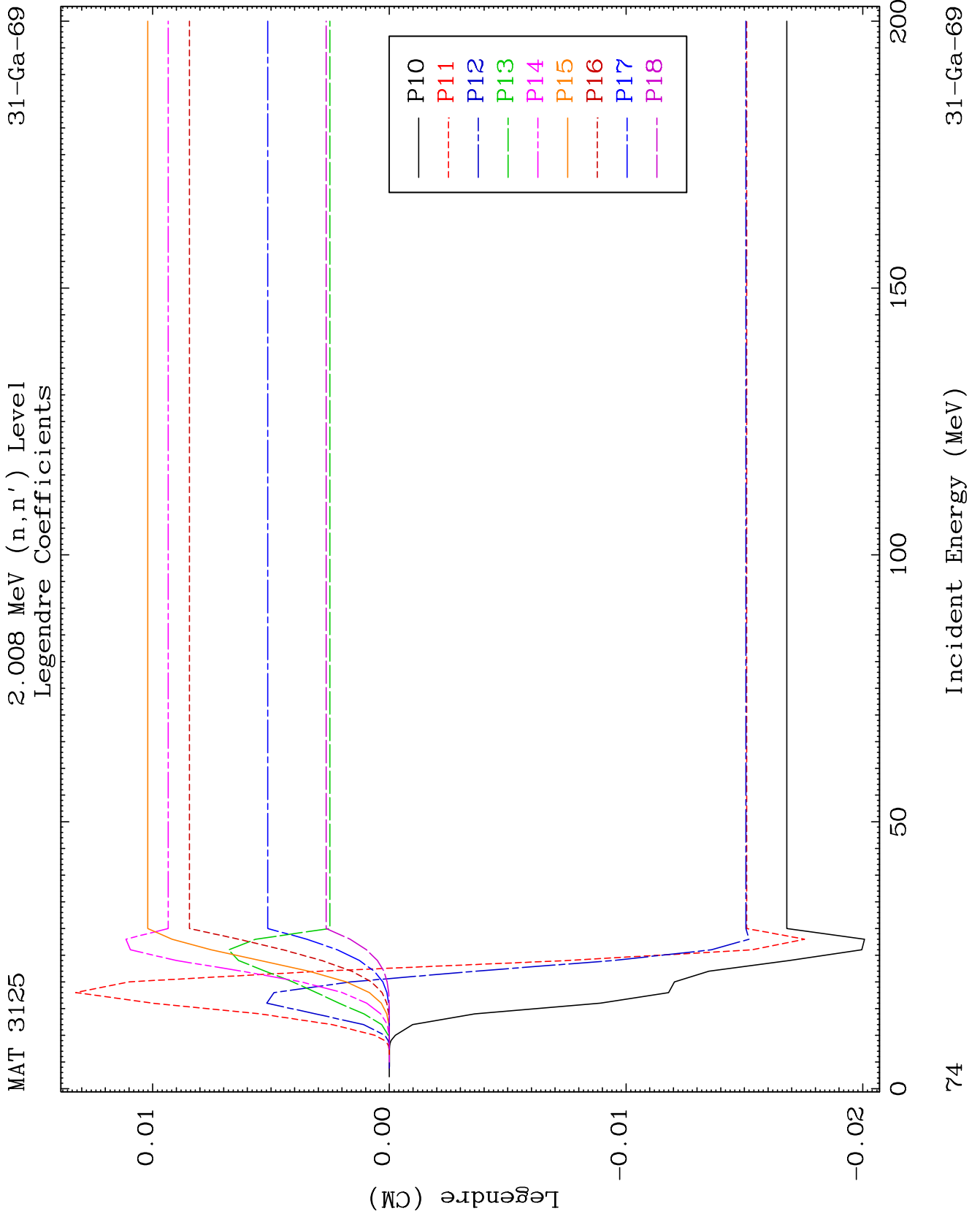
1.990 MeV (n,n') Level
Legendre Coefficients

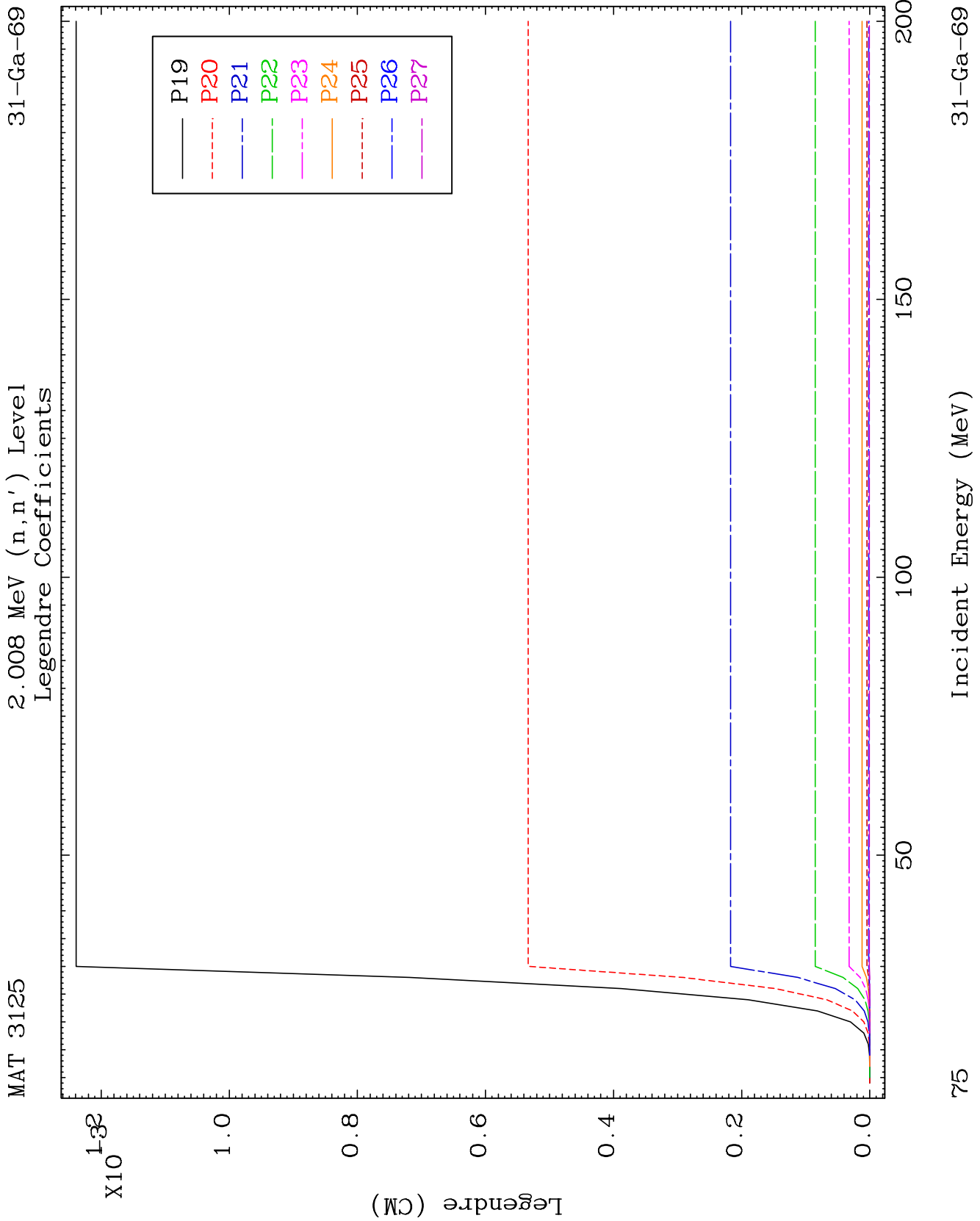
31-Ga-69

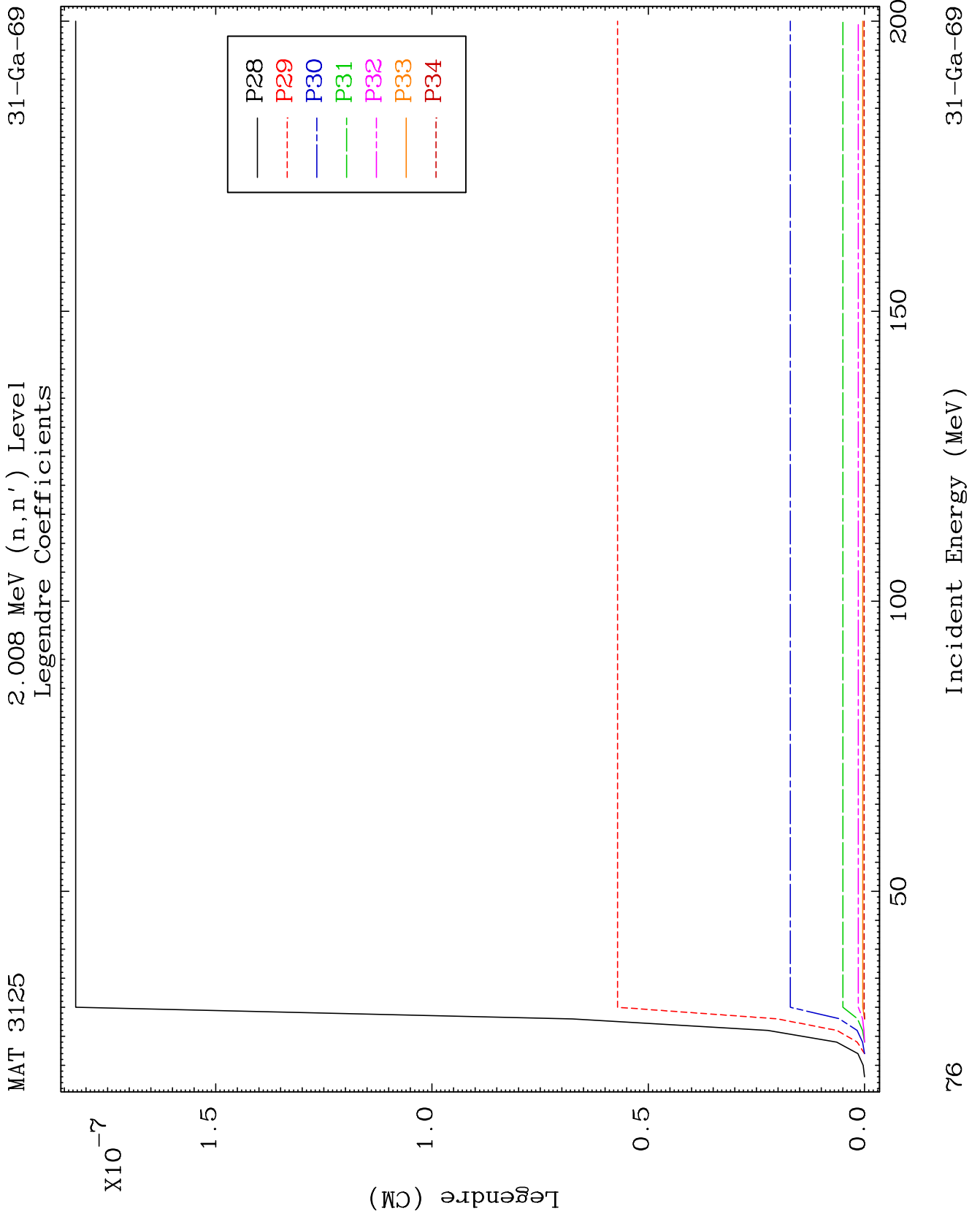


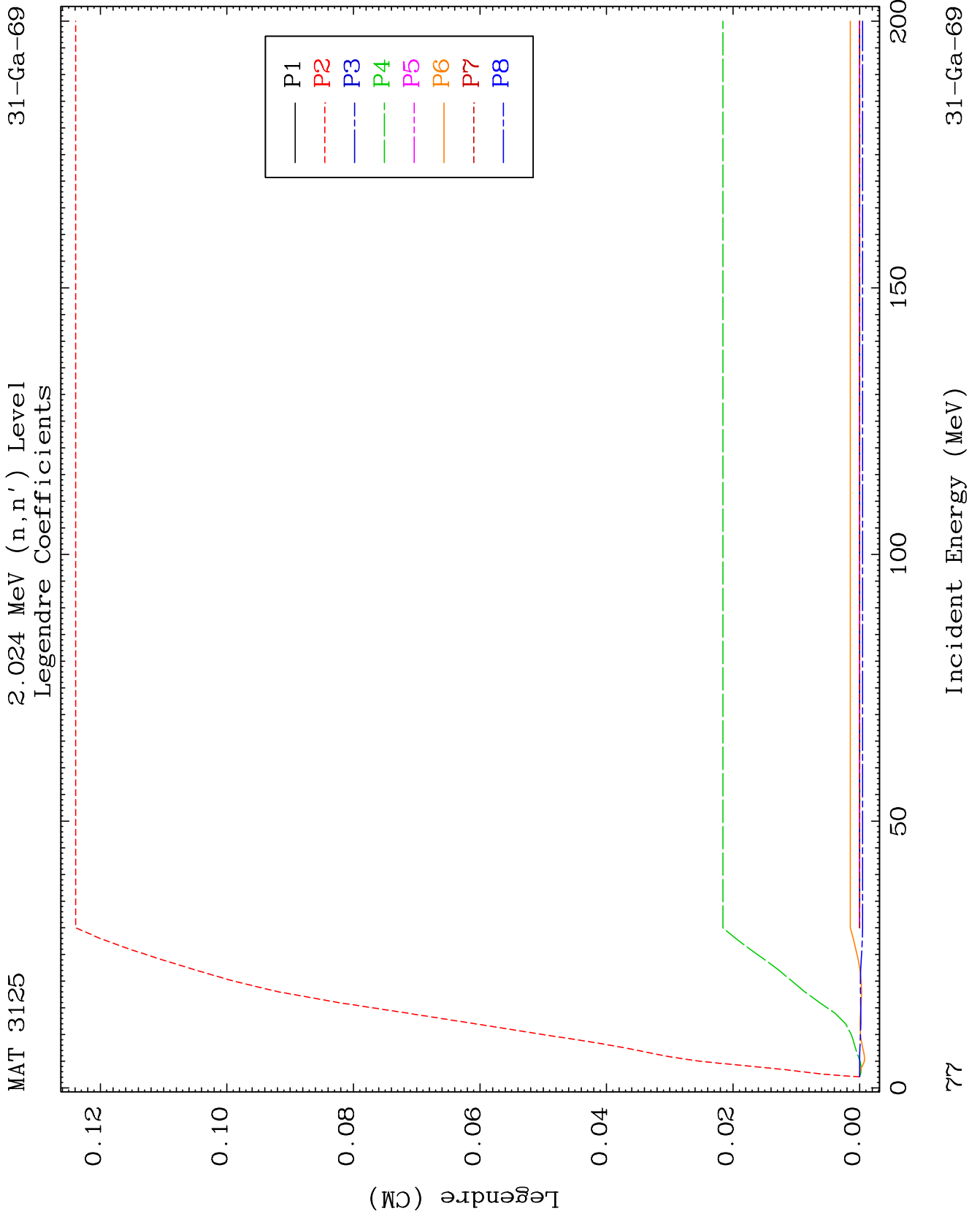
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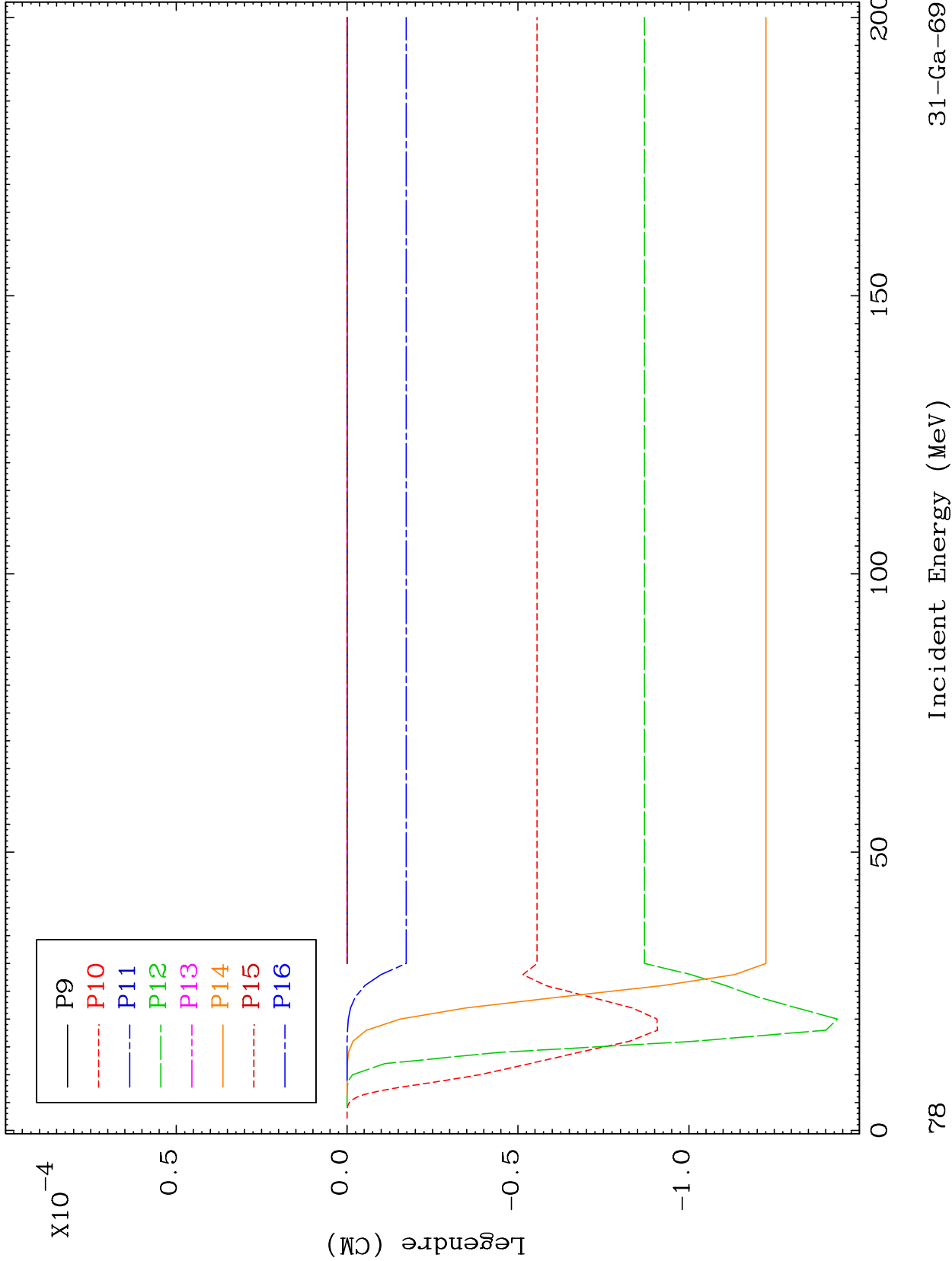
31-Ga-69

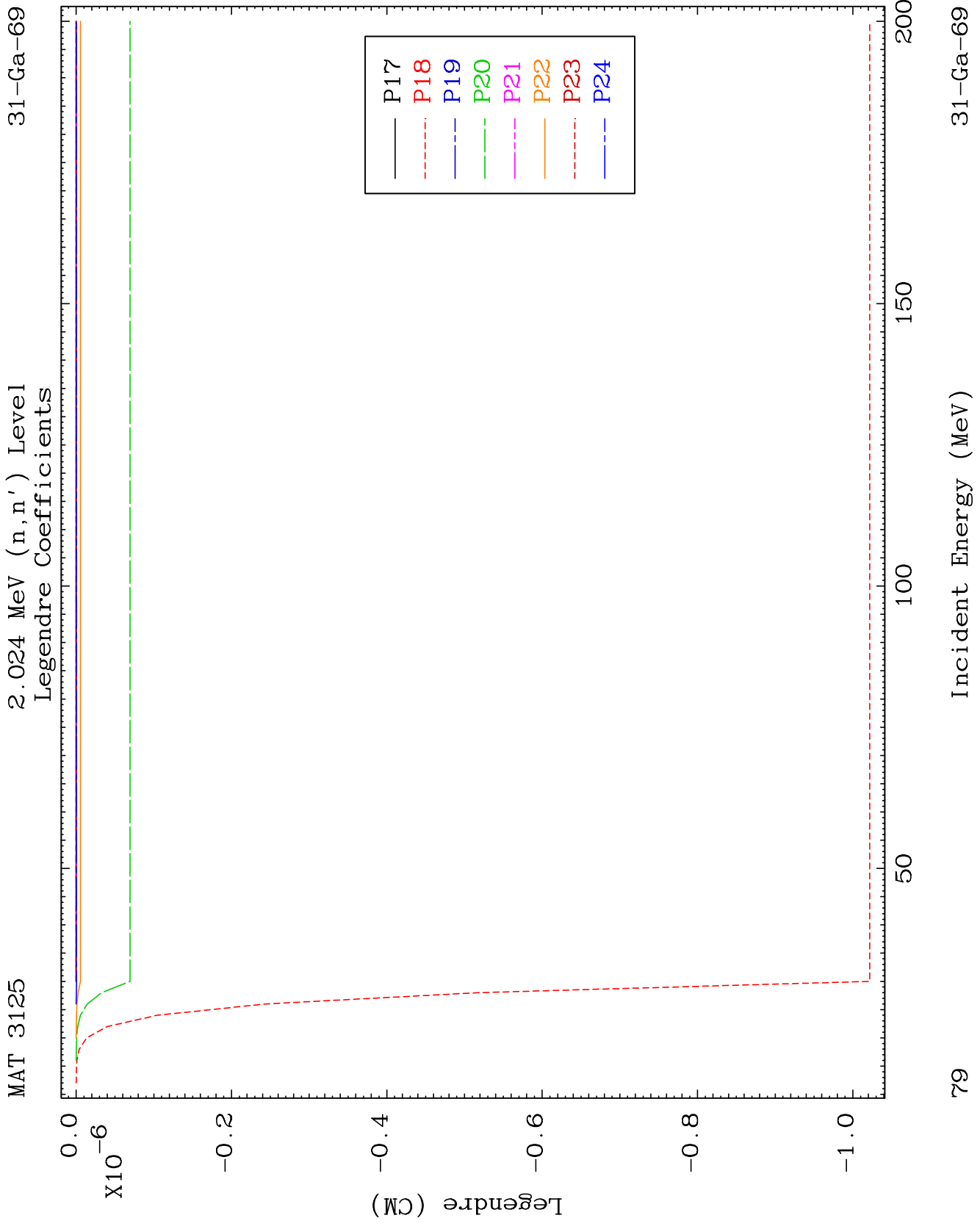


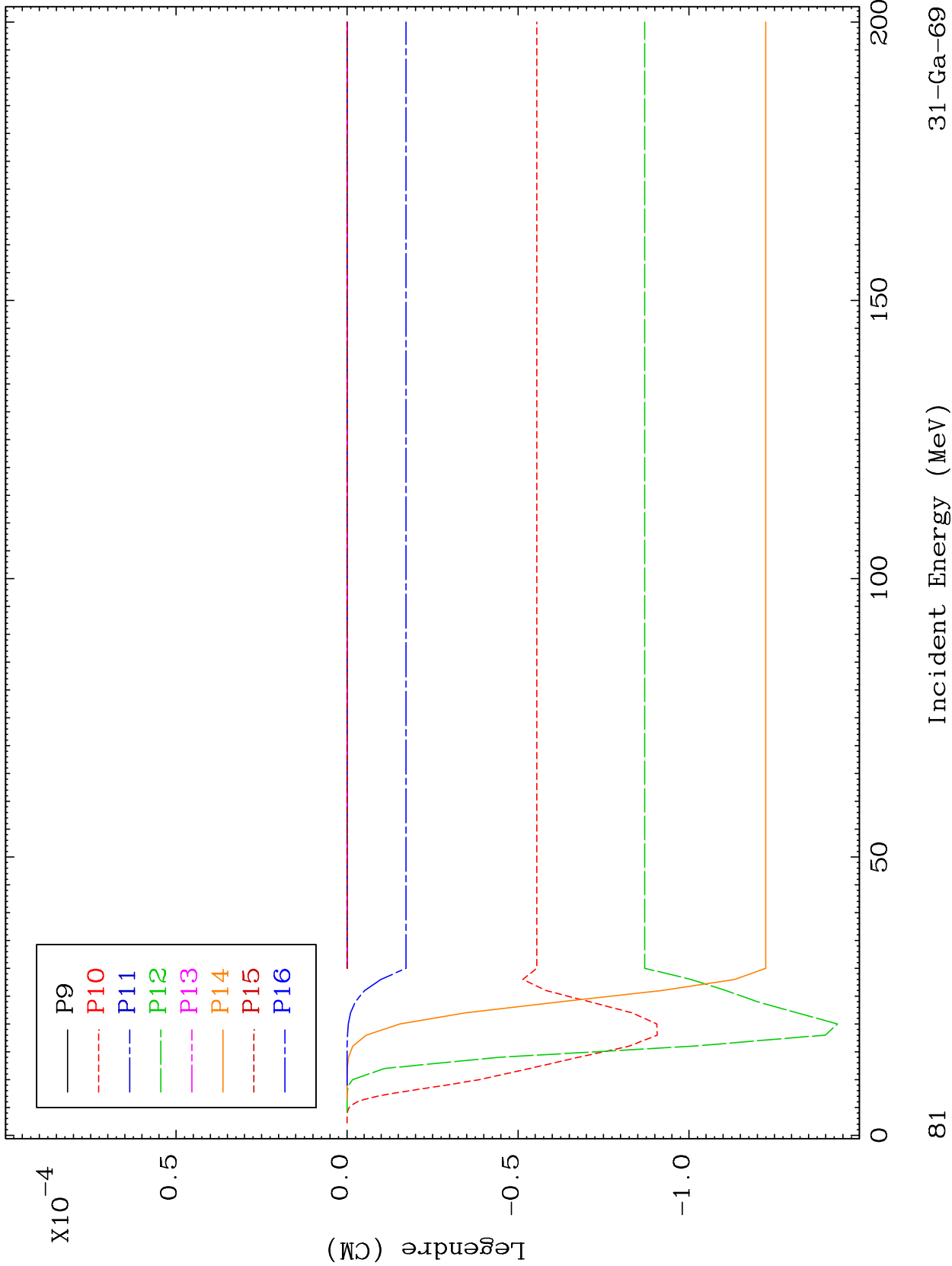


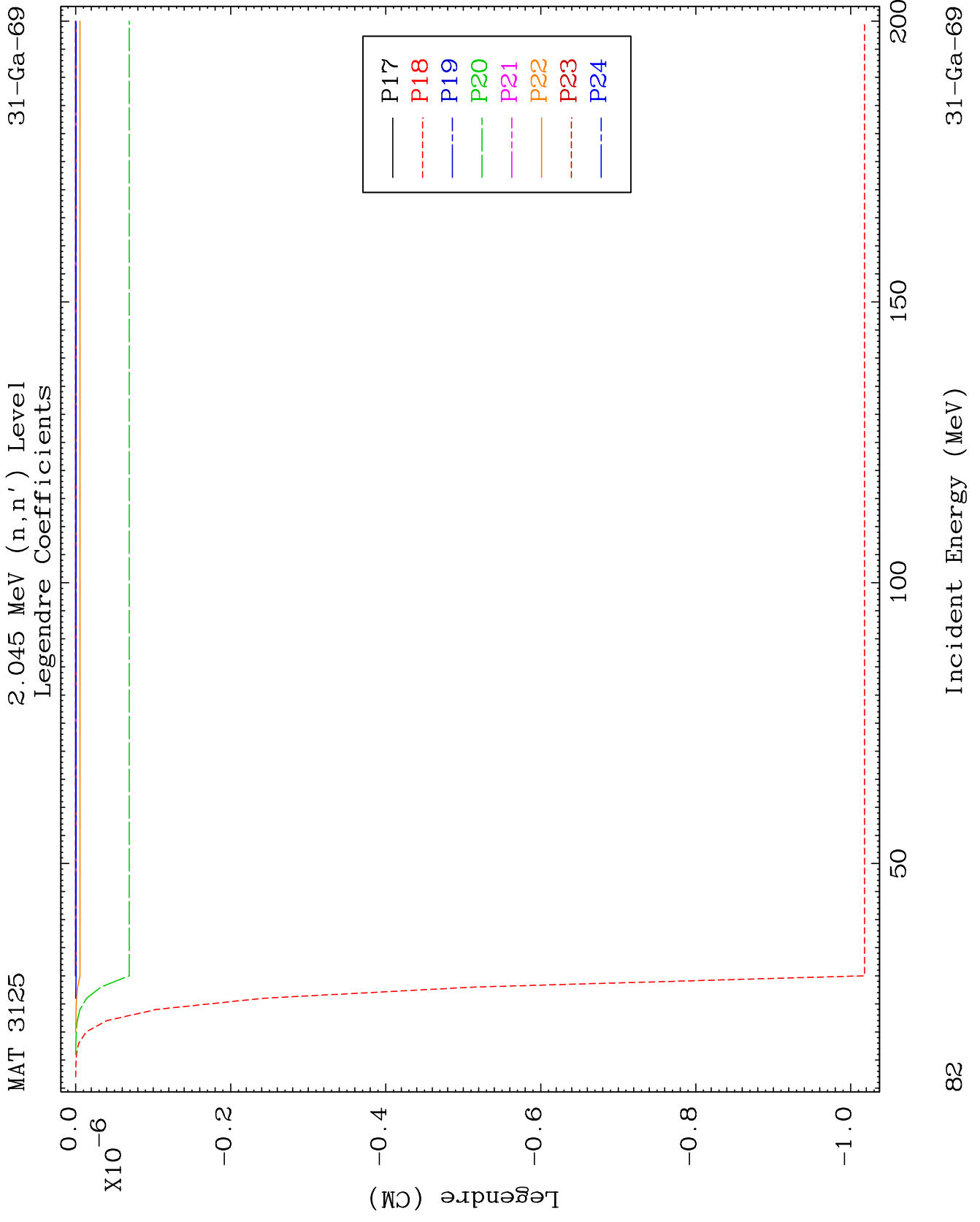








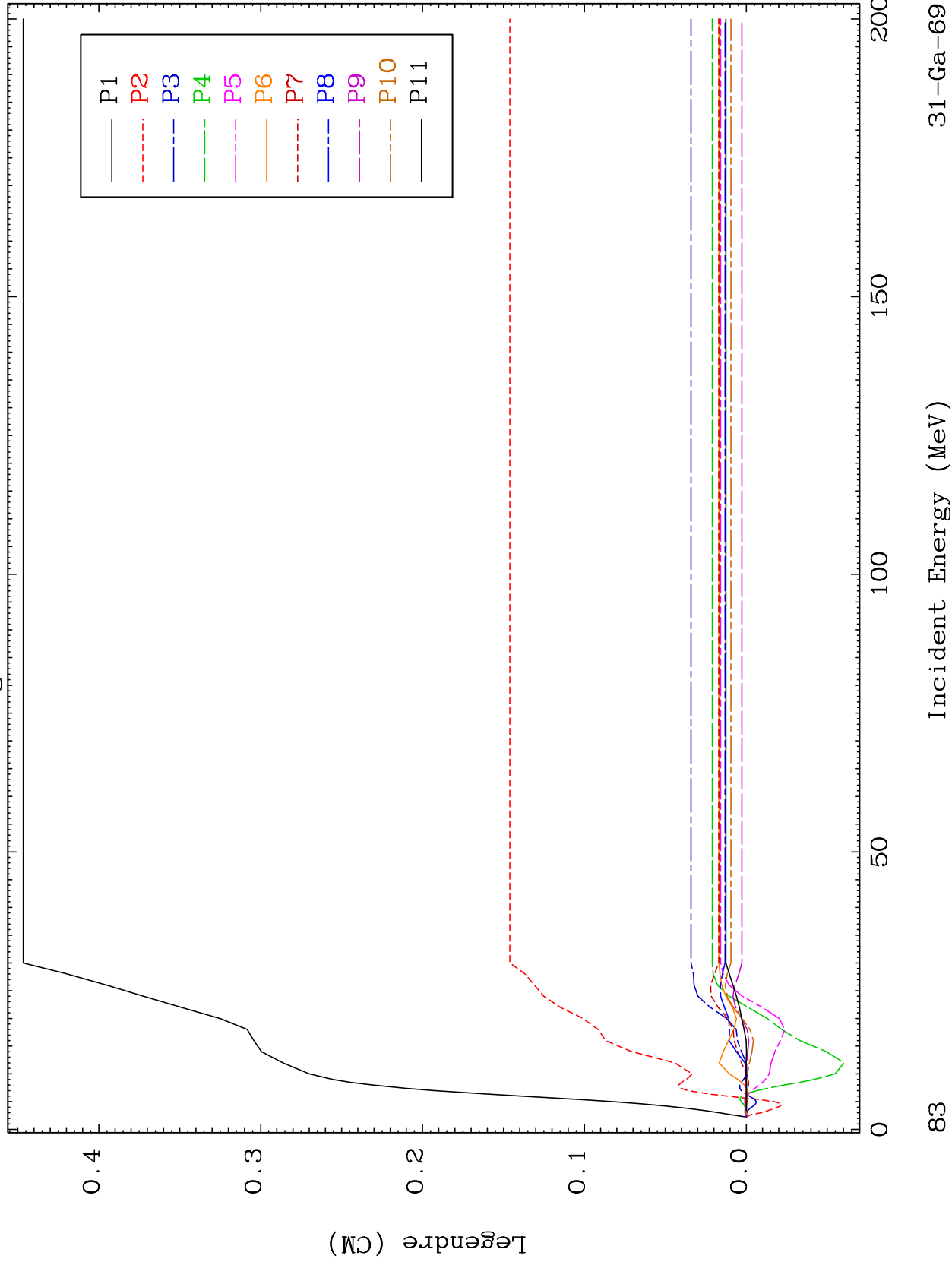




MAT 3125

2.198 MeV (n,n') Level
Legendre Coefficients

31-Ga-69



83

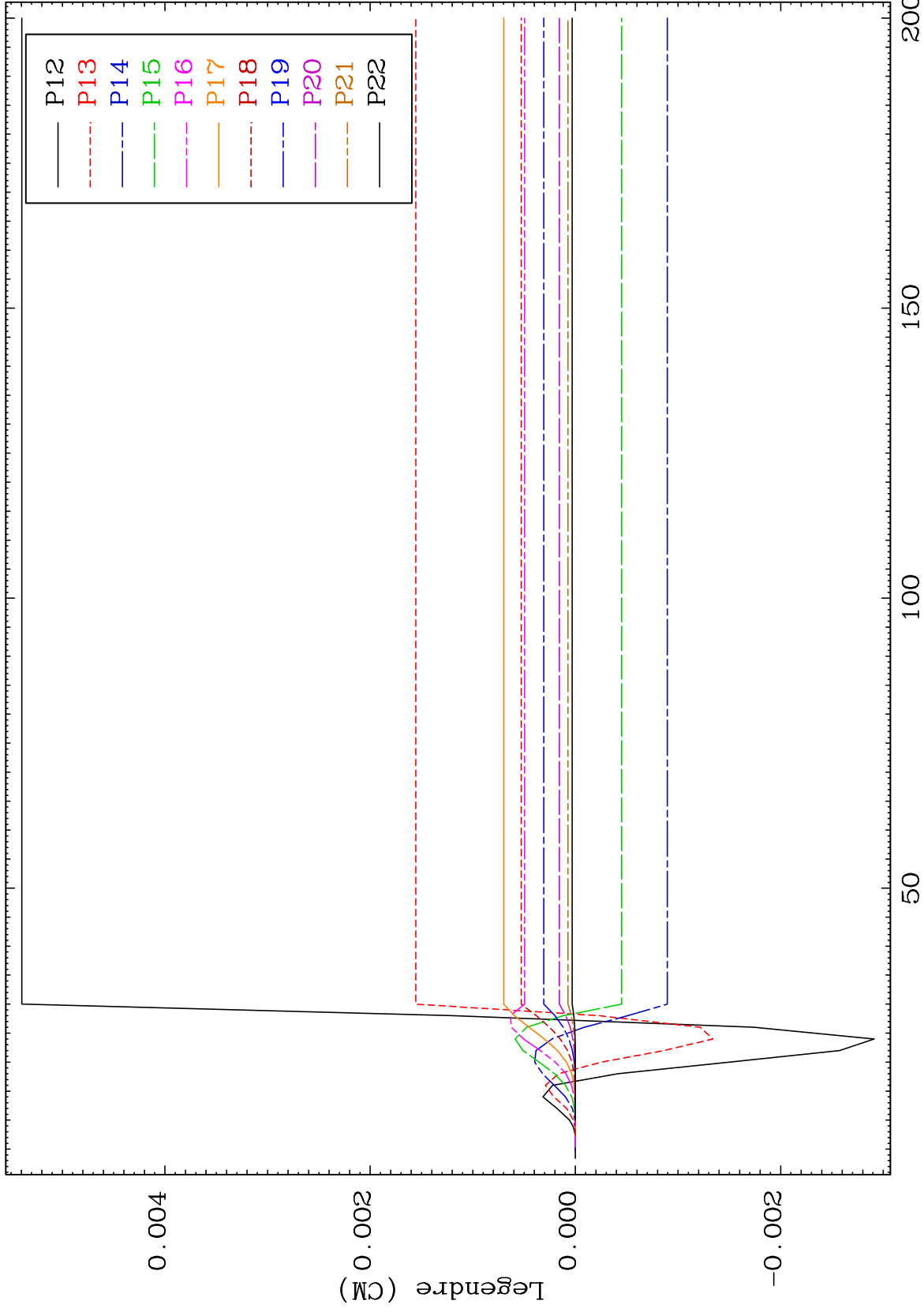
Incident Energy (MeV)

31-Ga-69

MAT 3125

2.198 MeV (n,n') Level
Legendre Coefficients

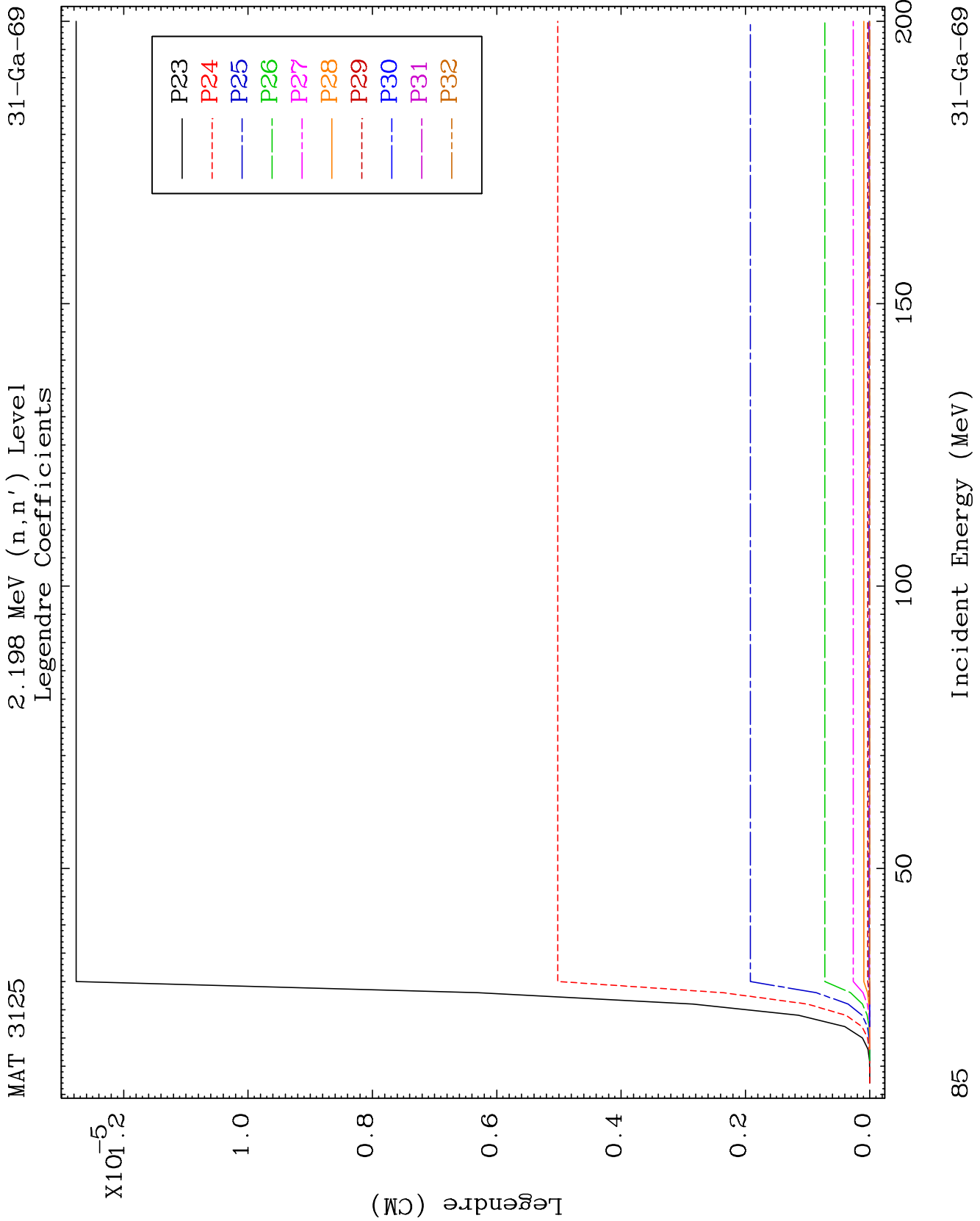
31-Ga-69

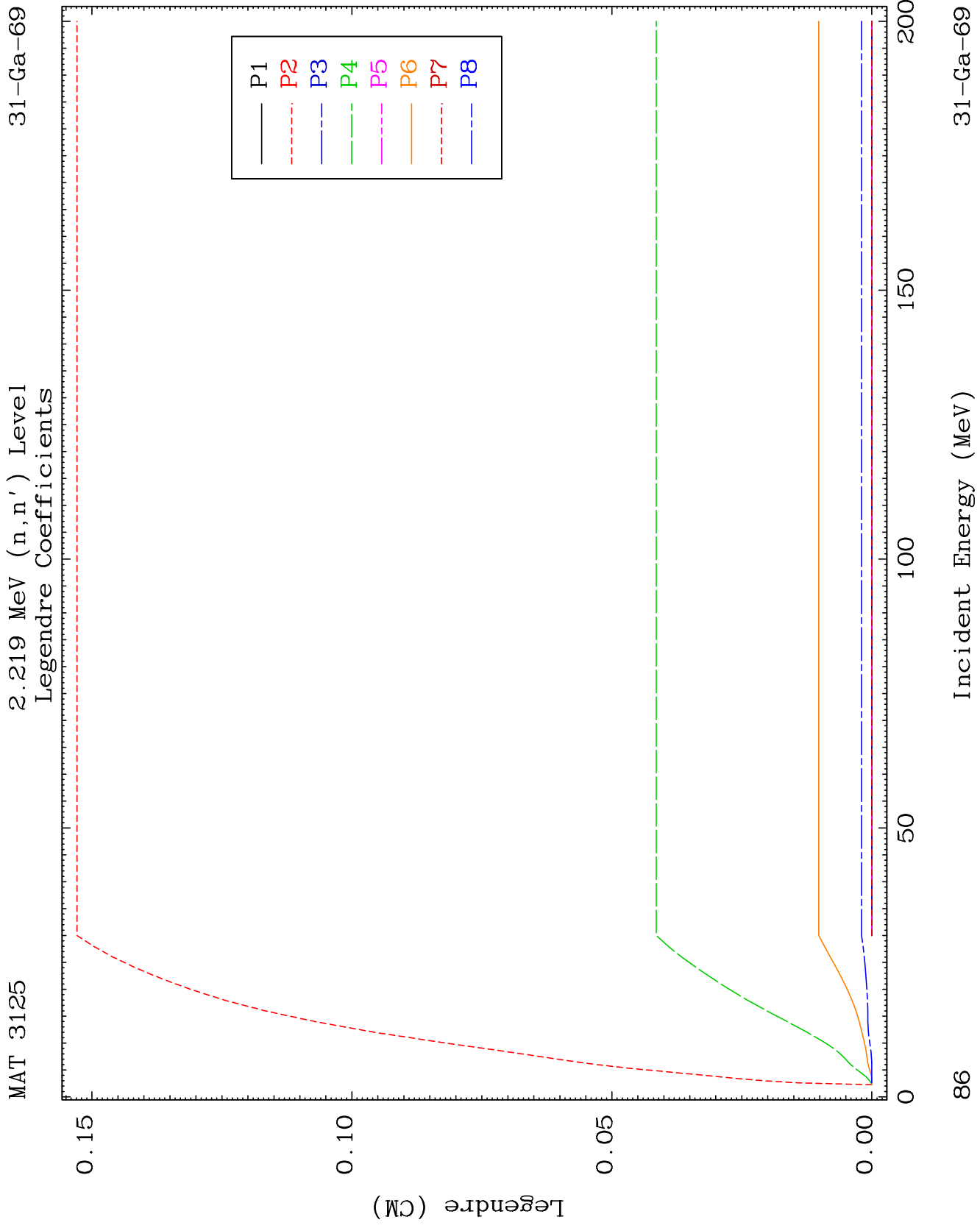


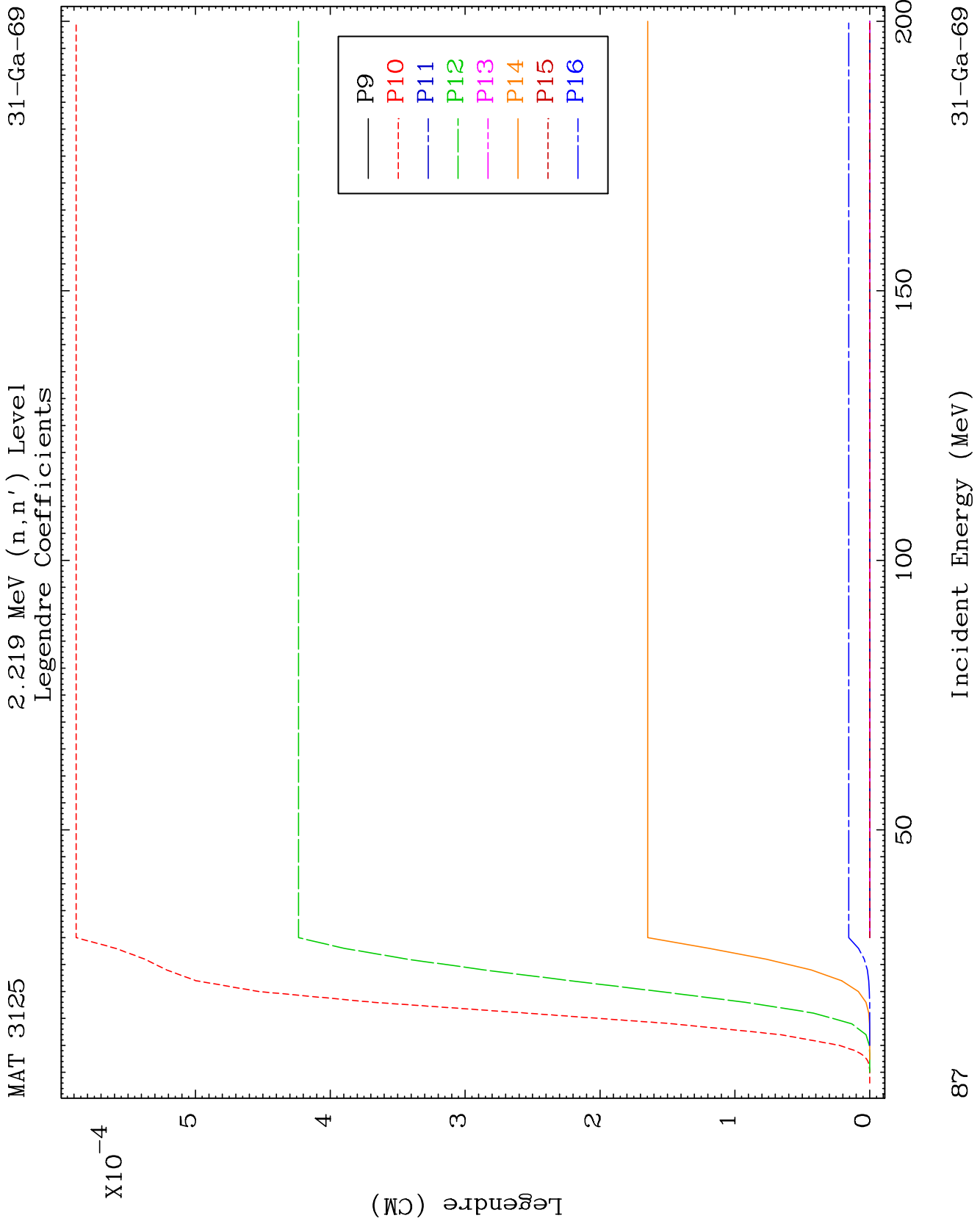
84

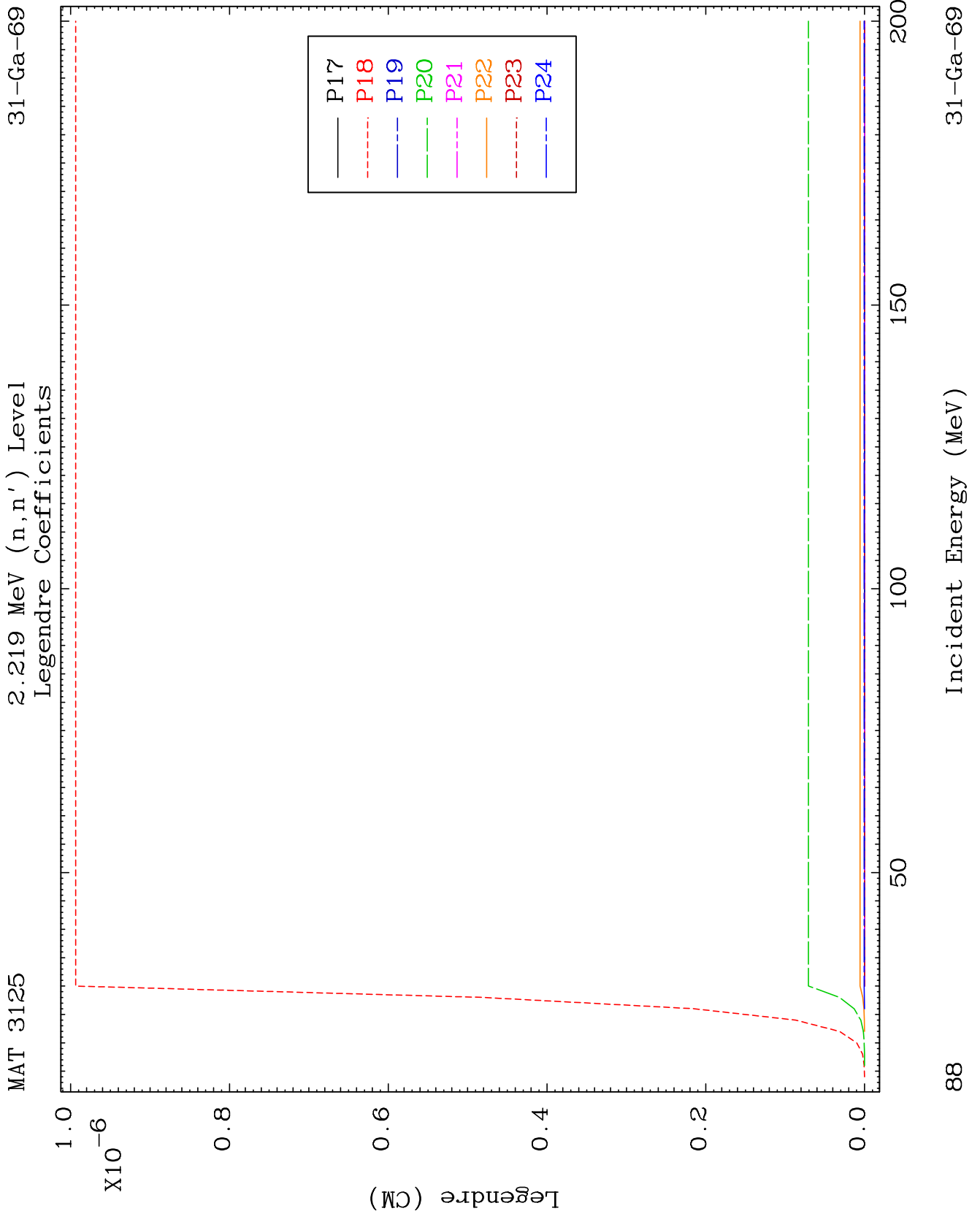
Incident Energy (MeV)

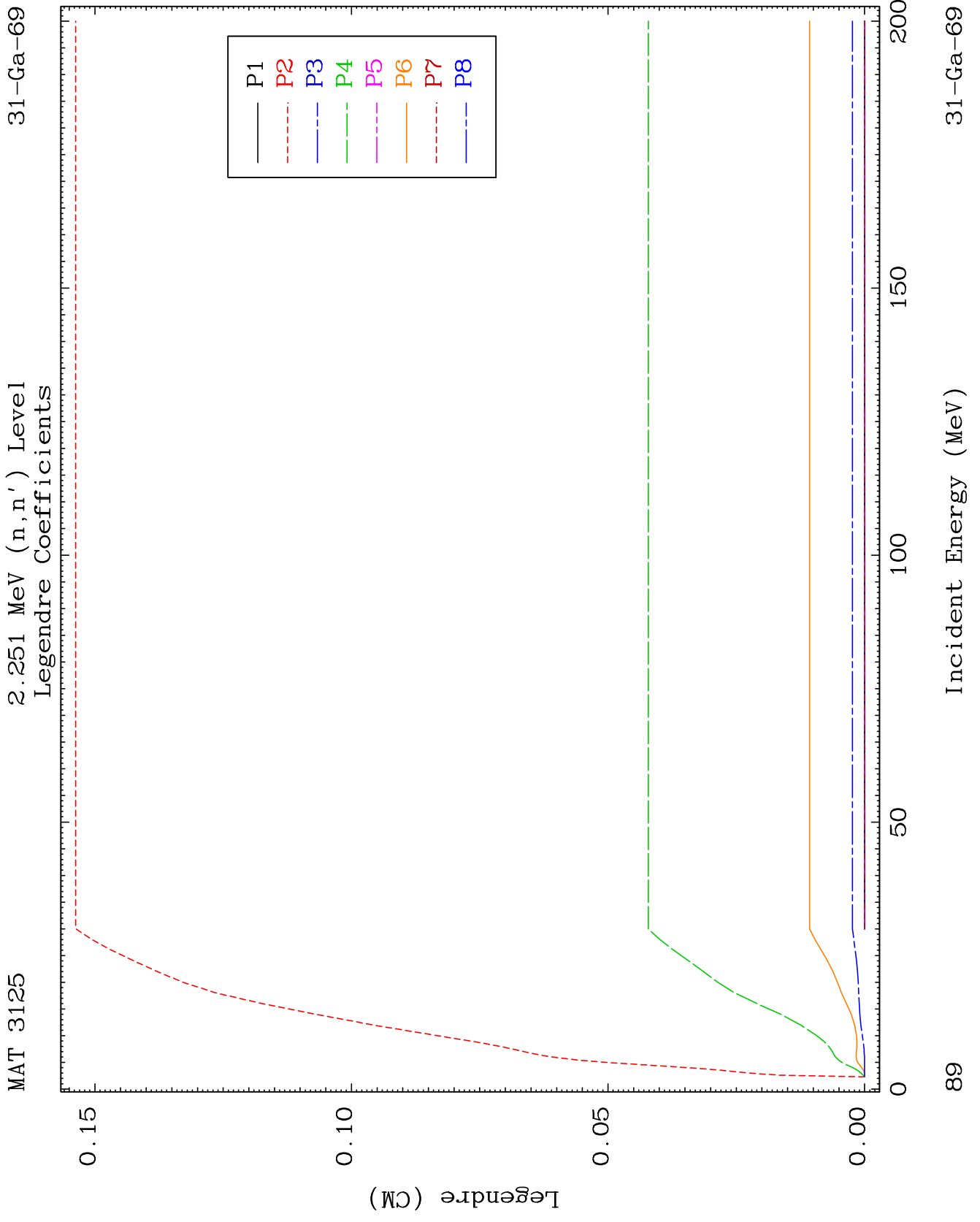
31-Ga-69

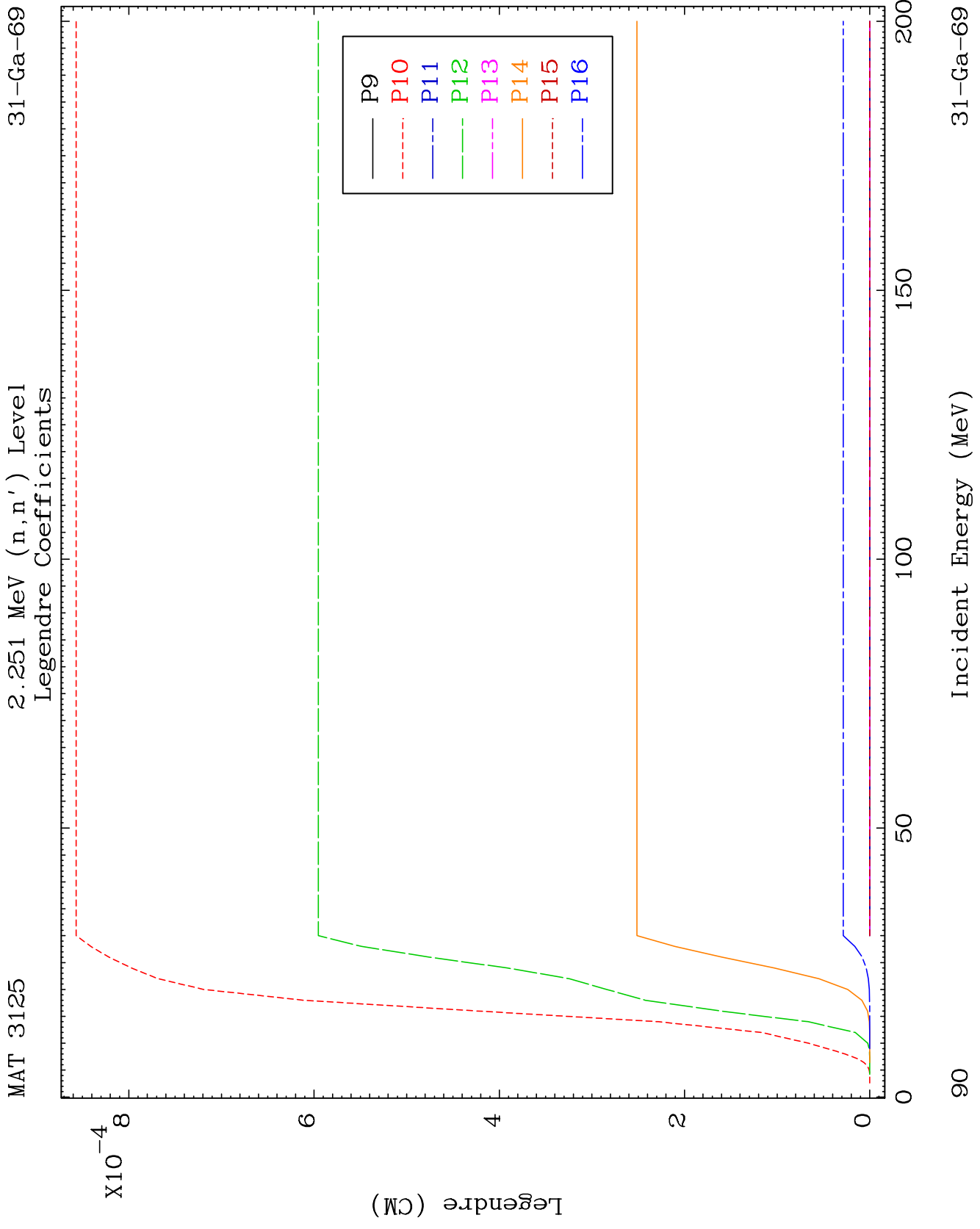


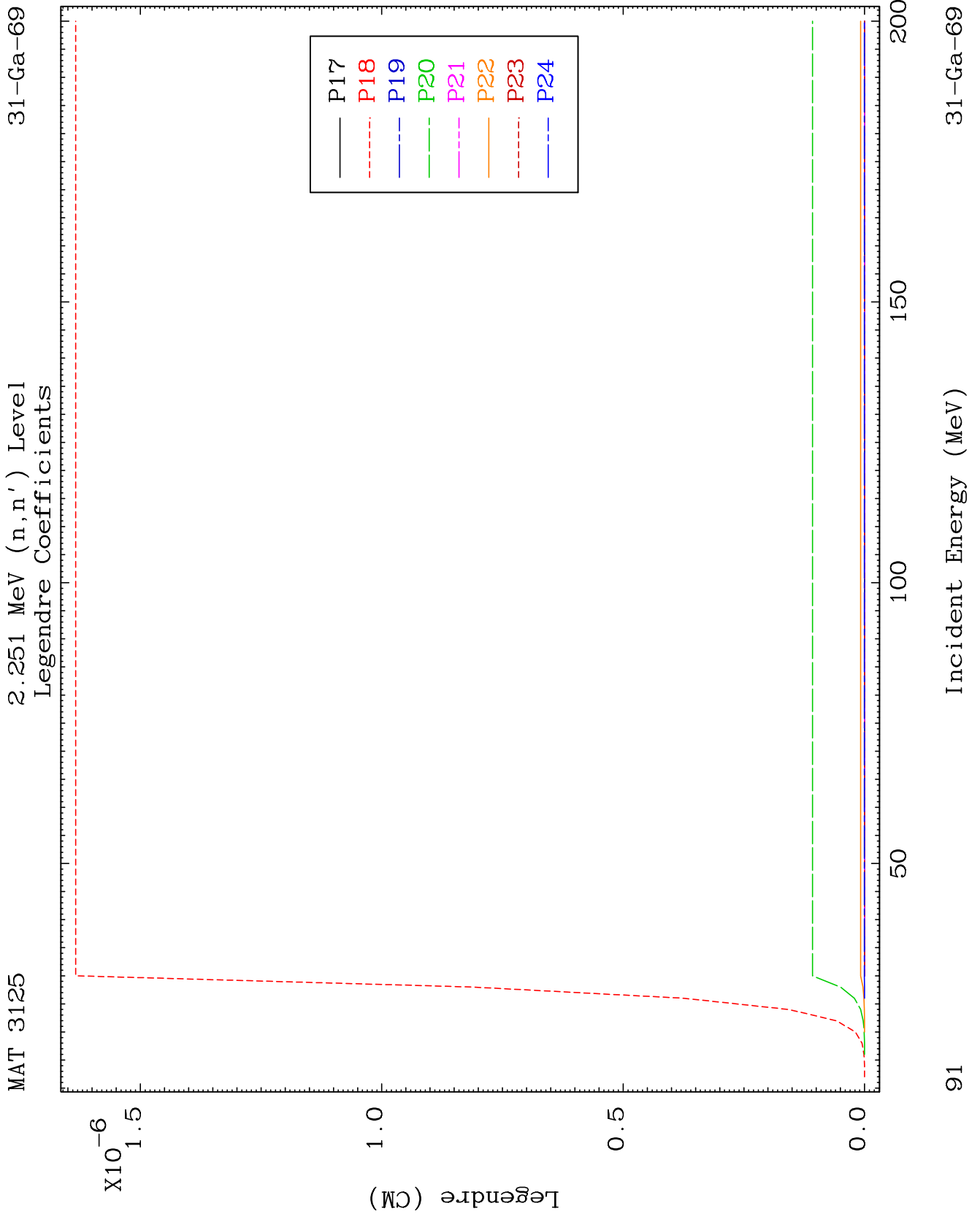


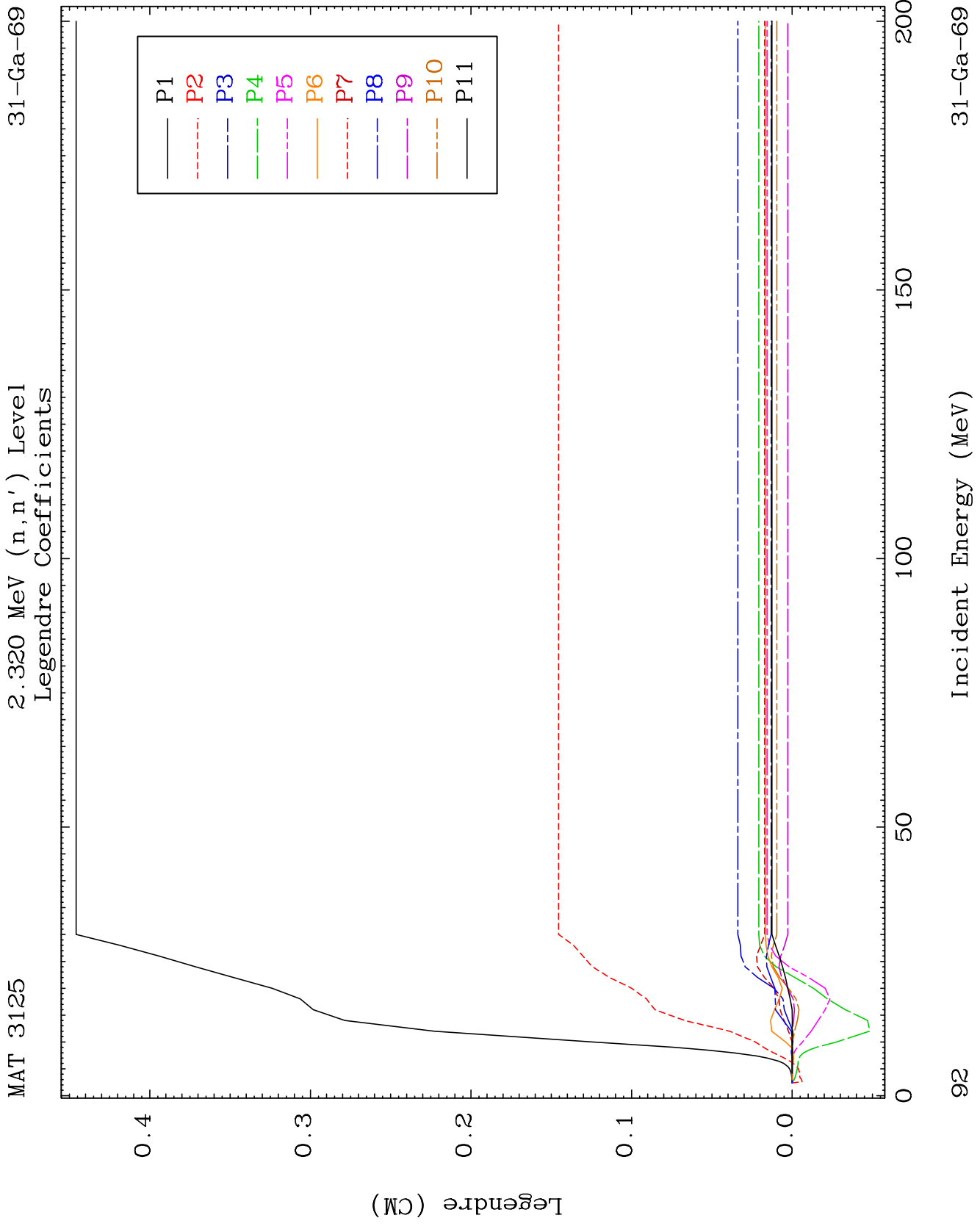








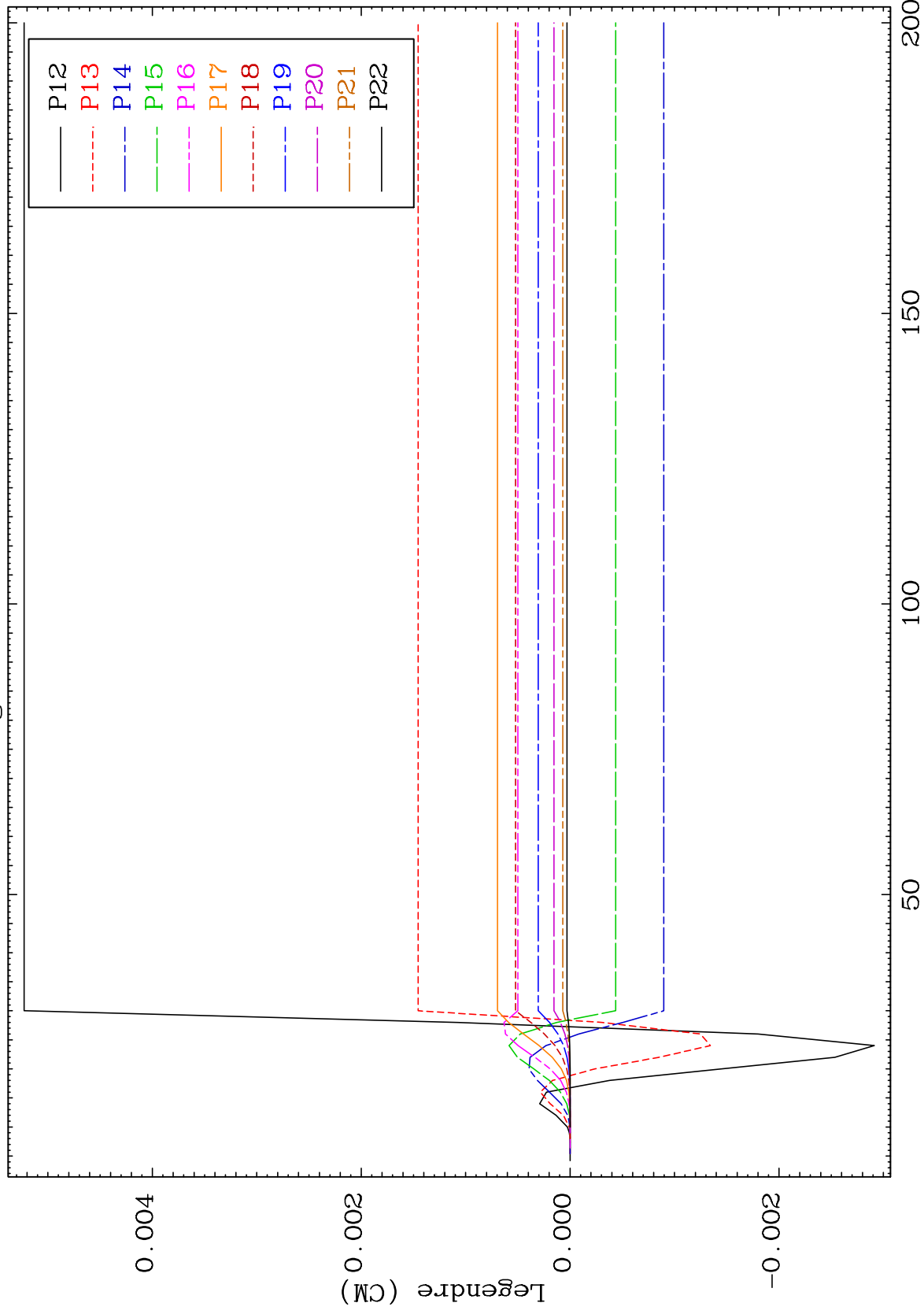




MAT 3125

2.320 MeV (n,n') Level
Legendre Coefficients

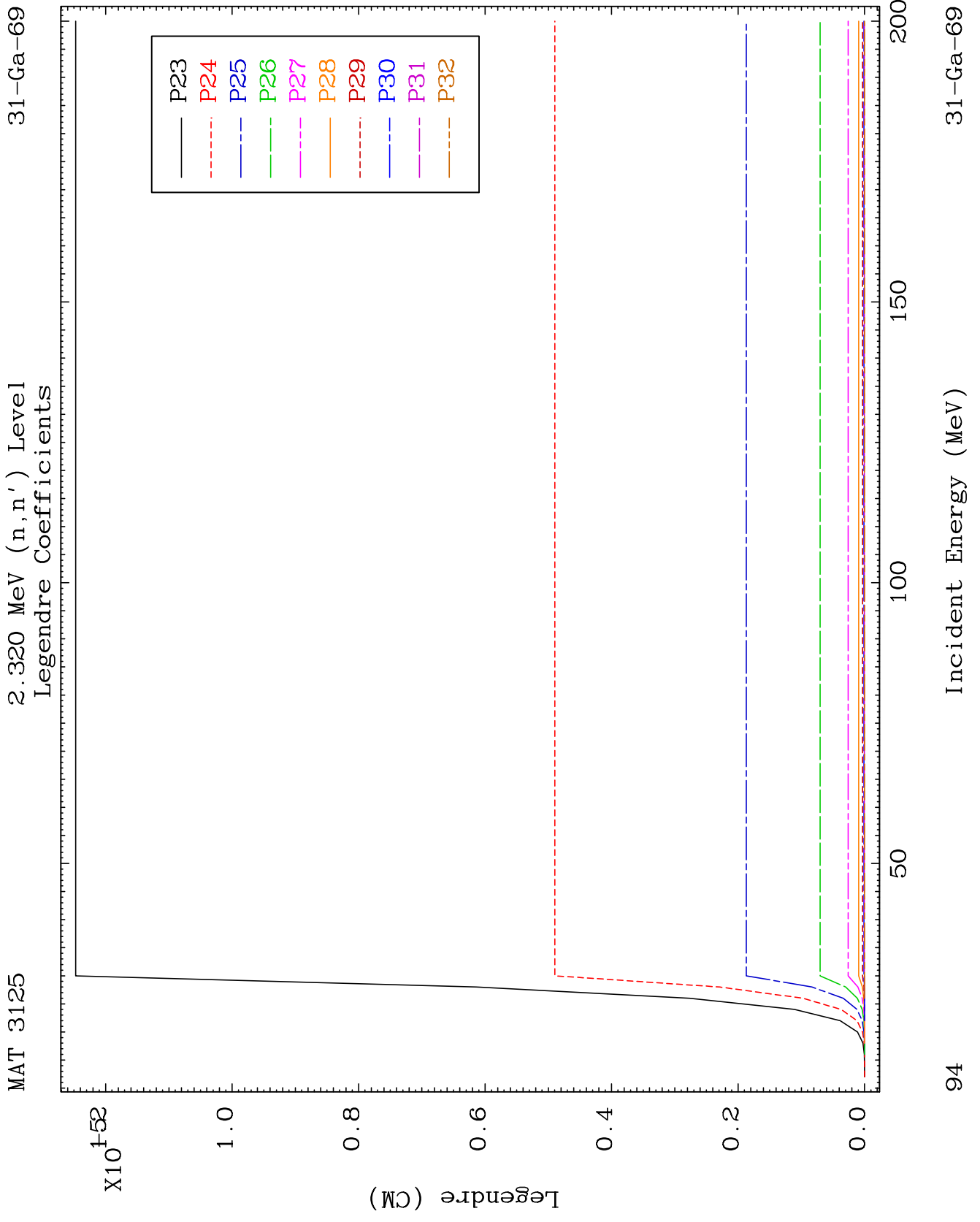
31-Ga-69

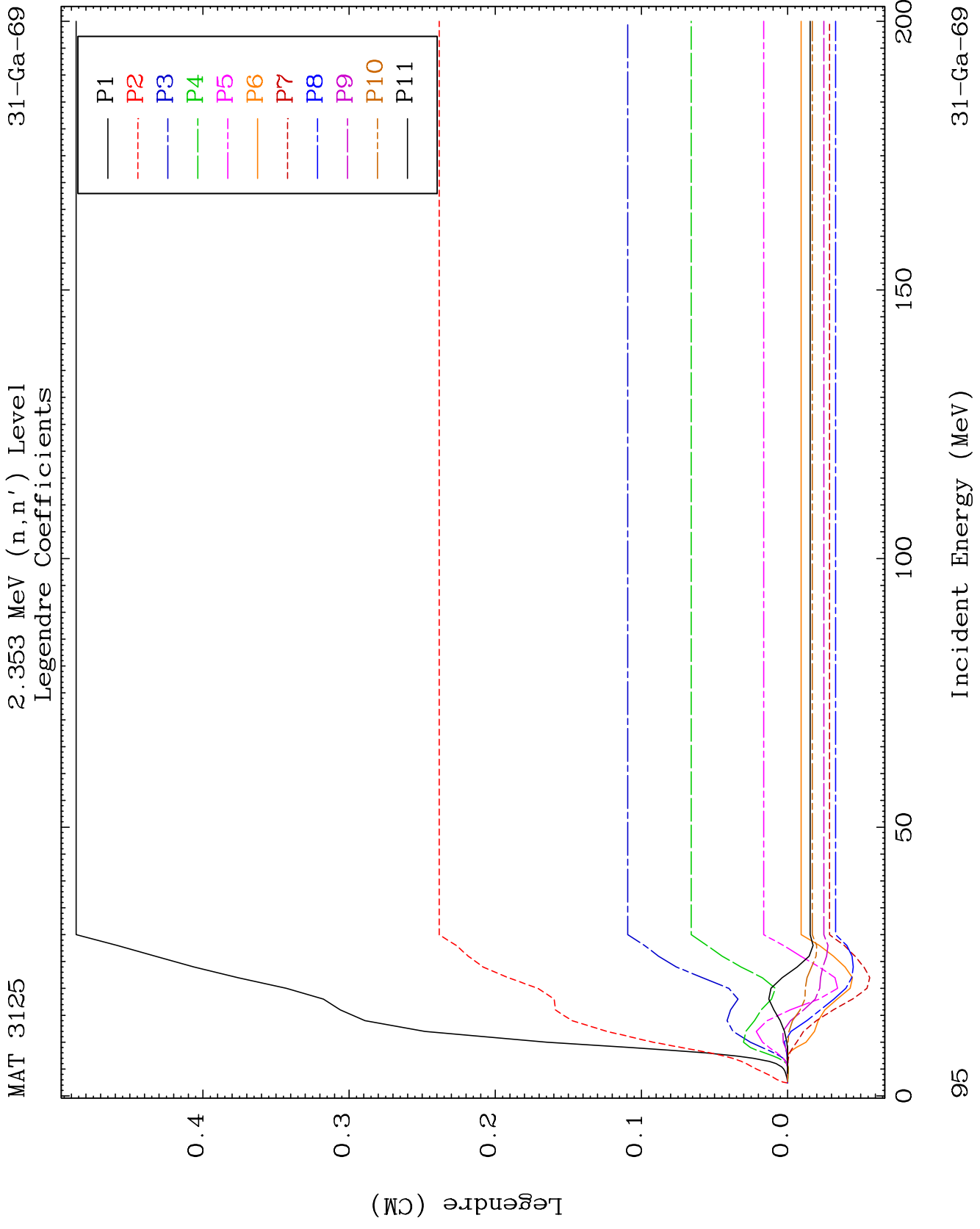


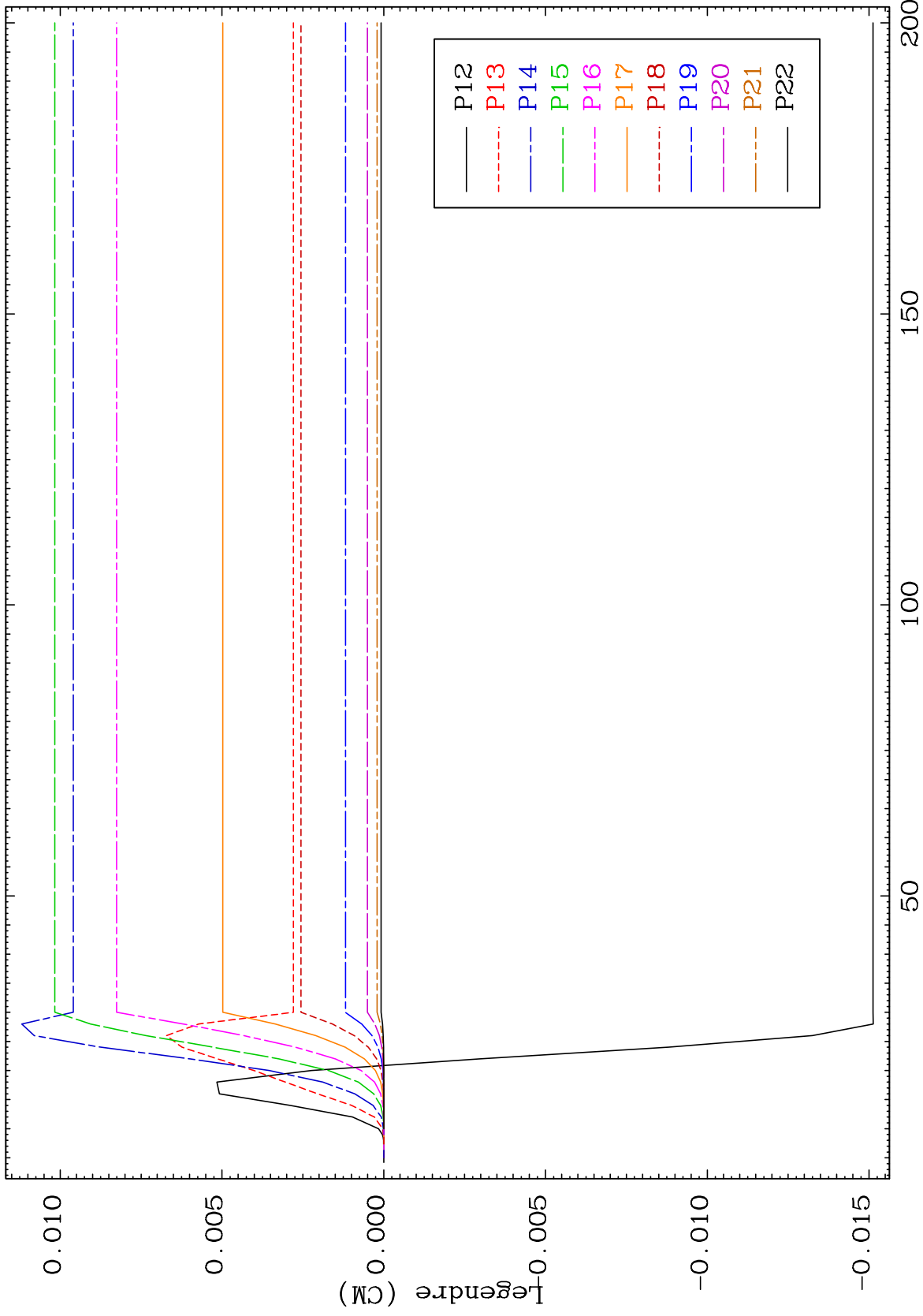
93

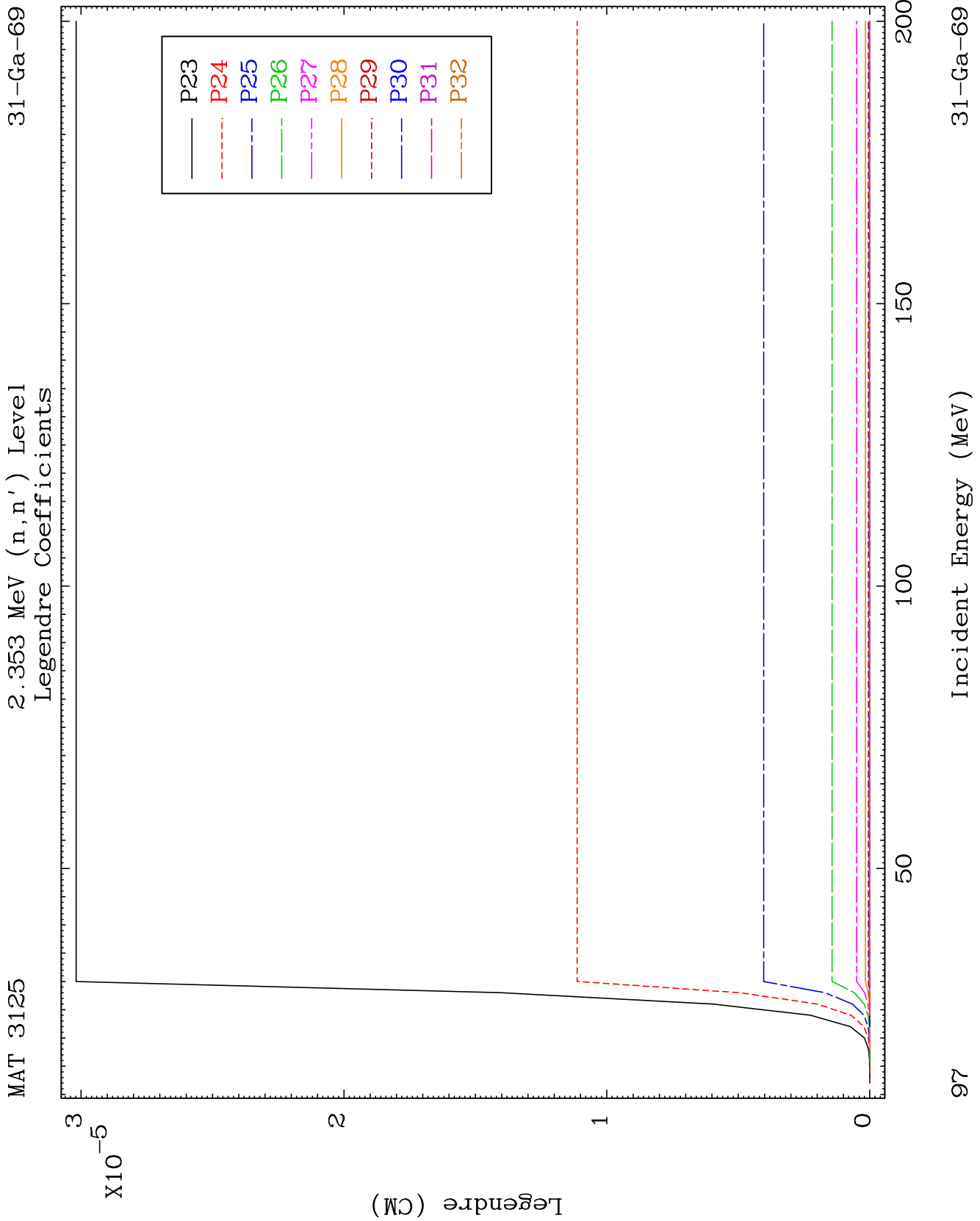
Incident Energy (MeV)

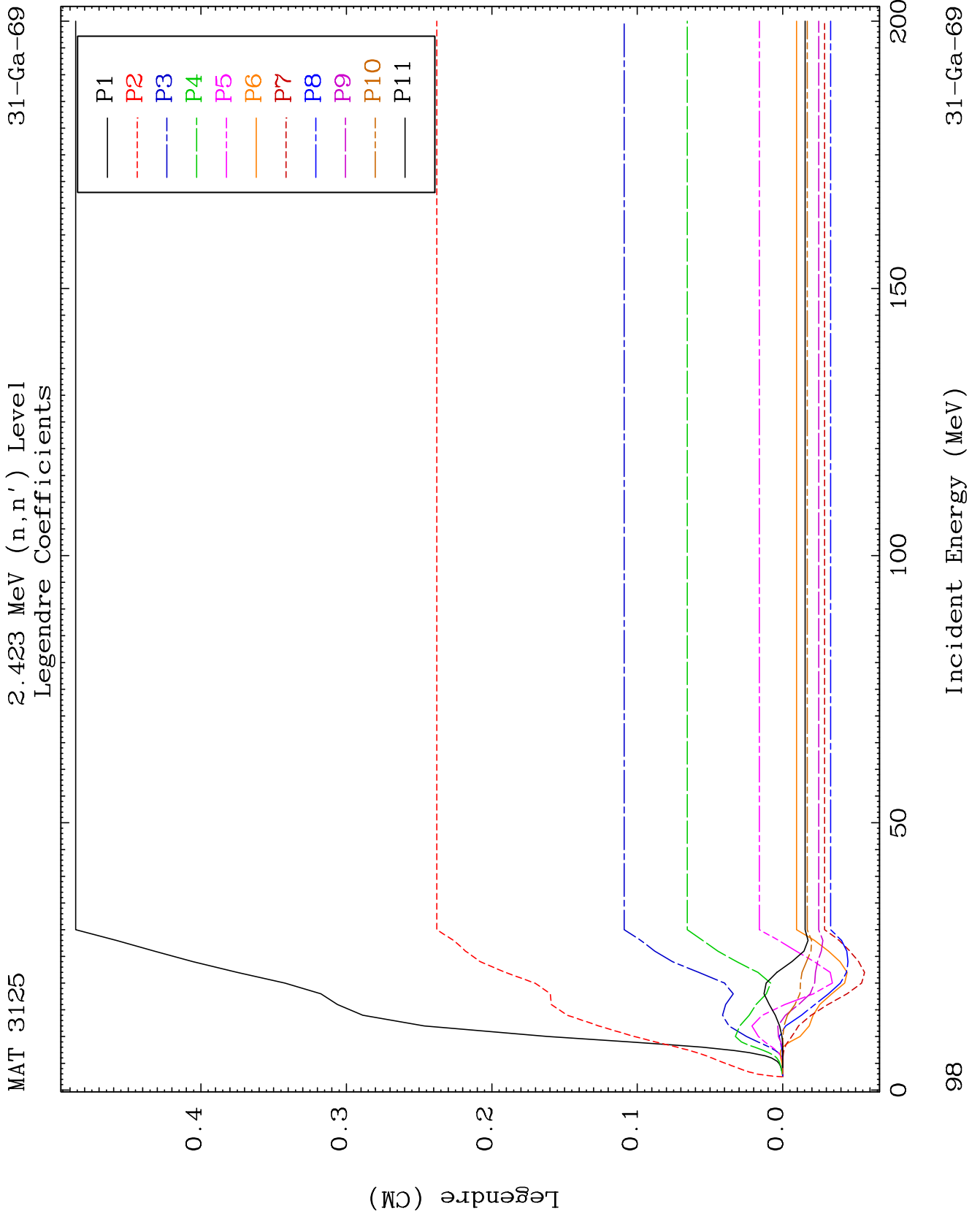
31-Ga-69

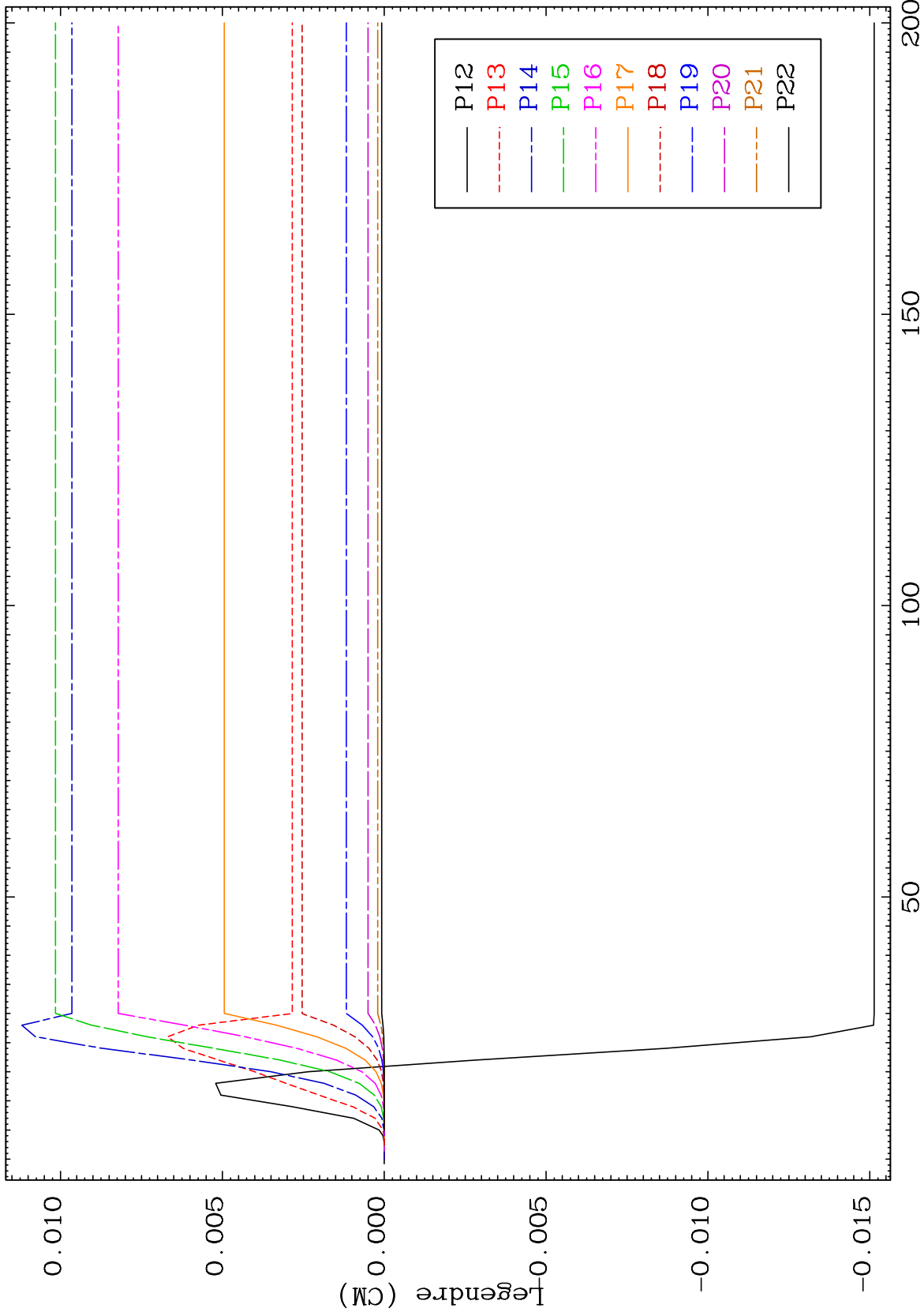


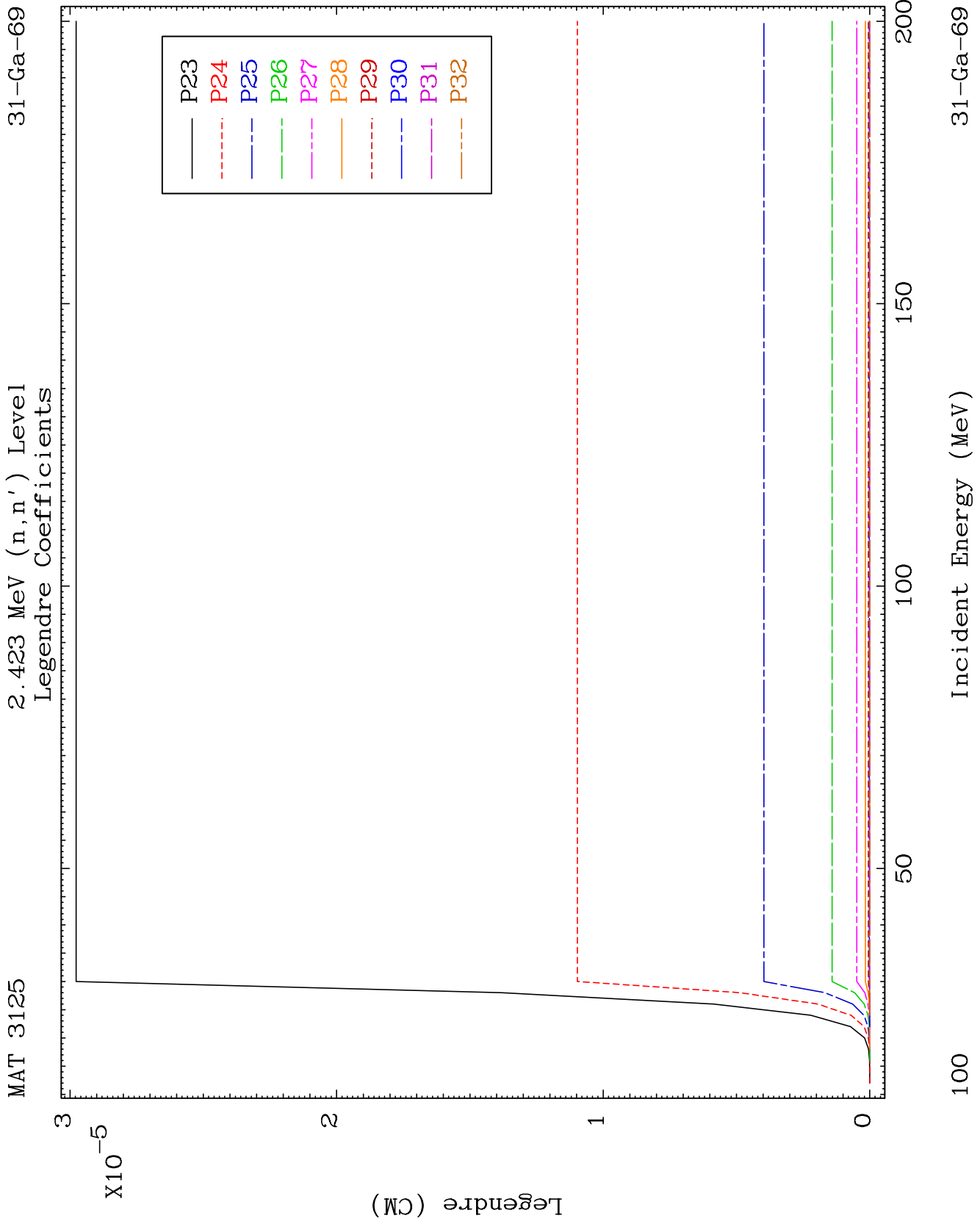


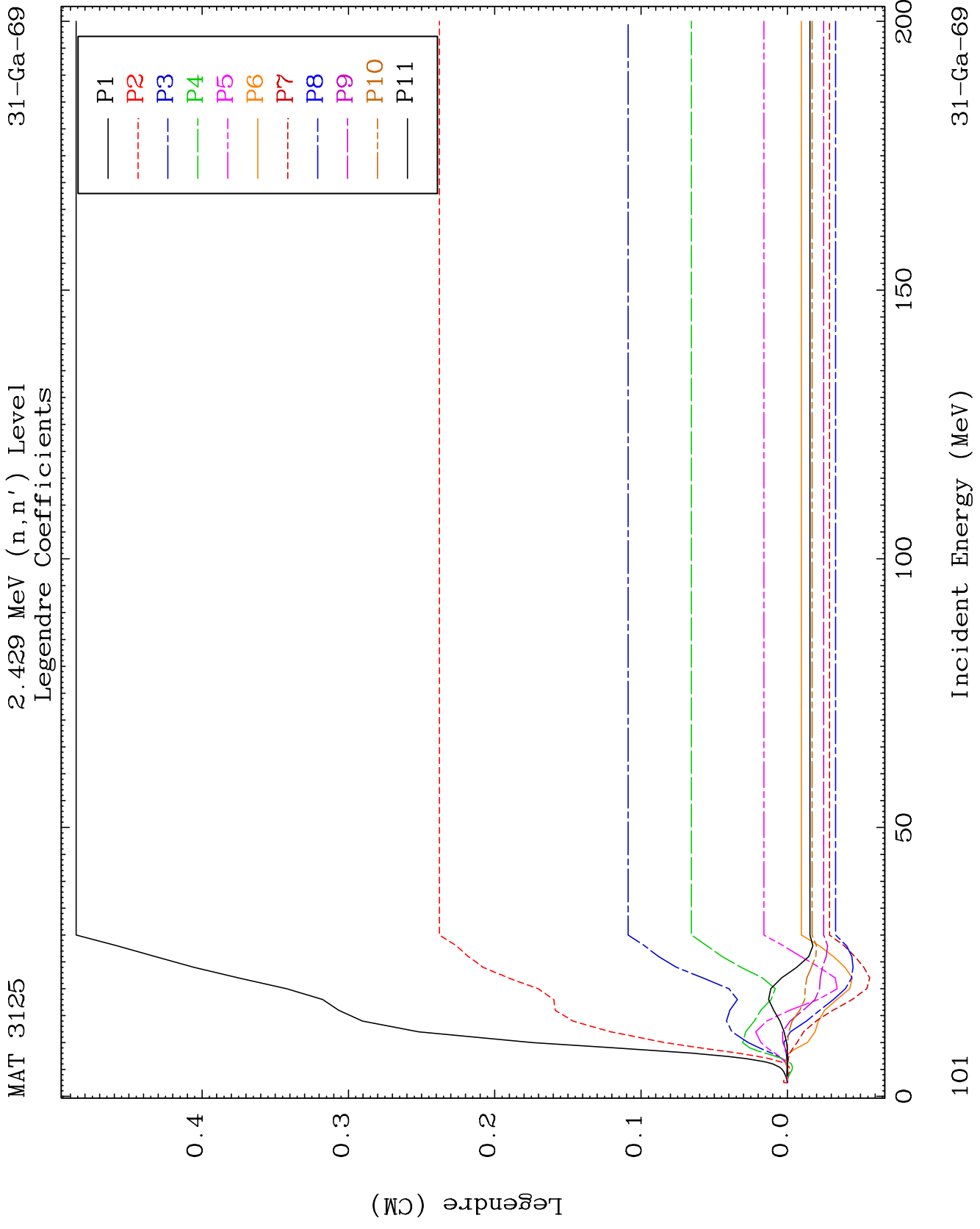


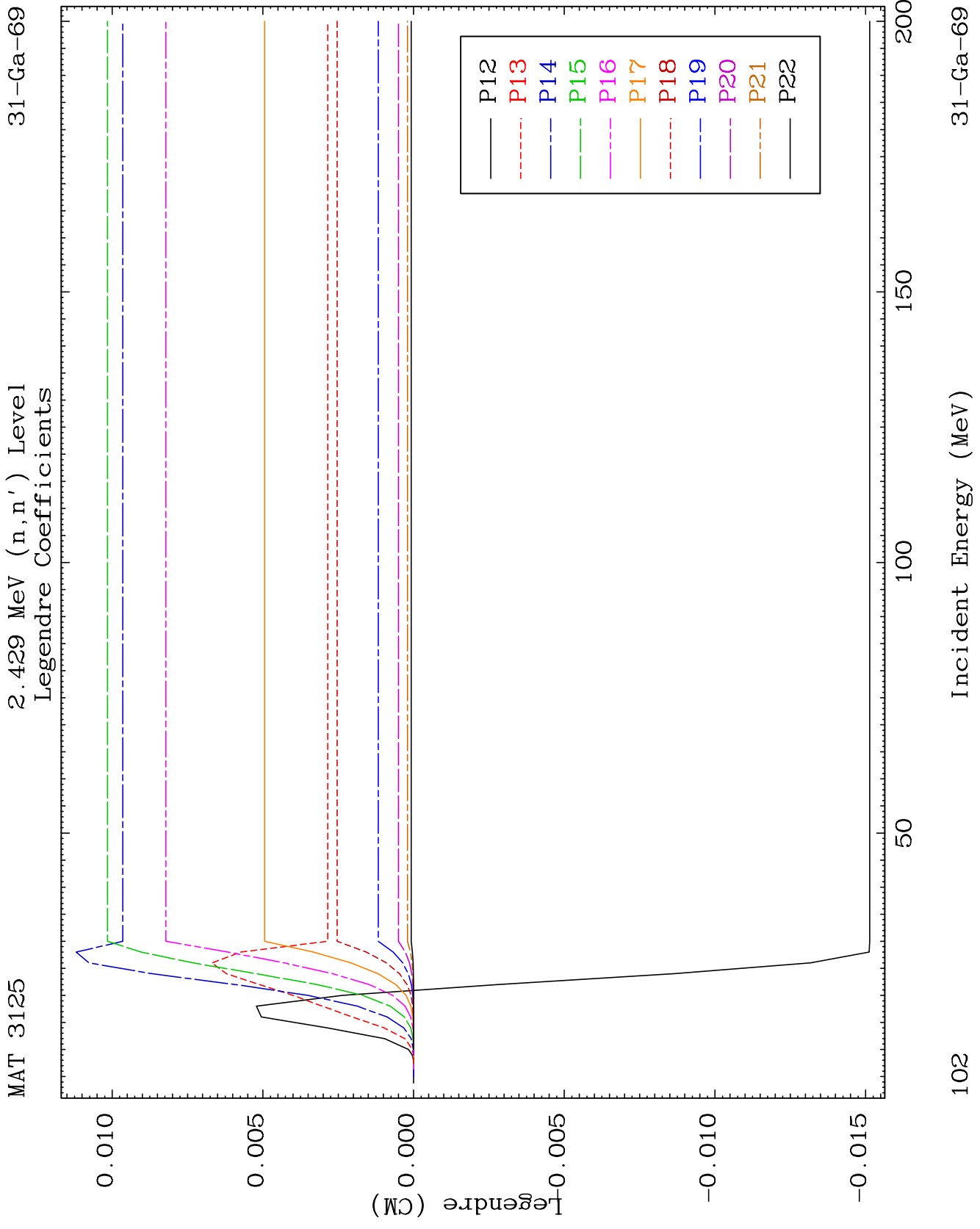


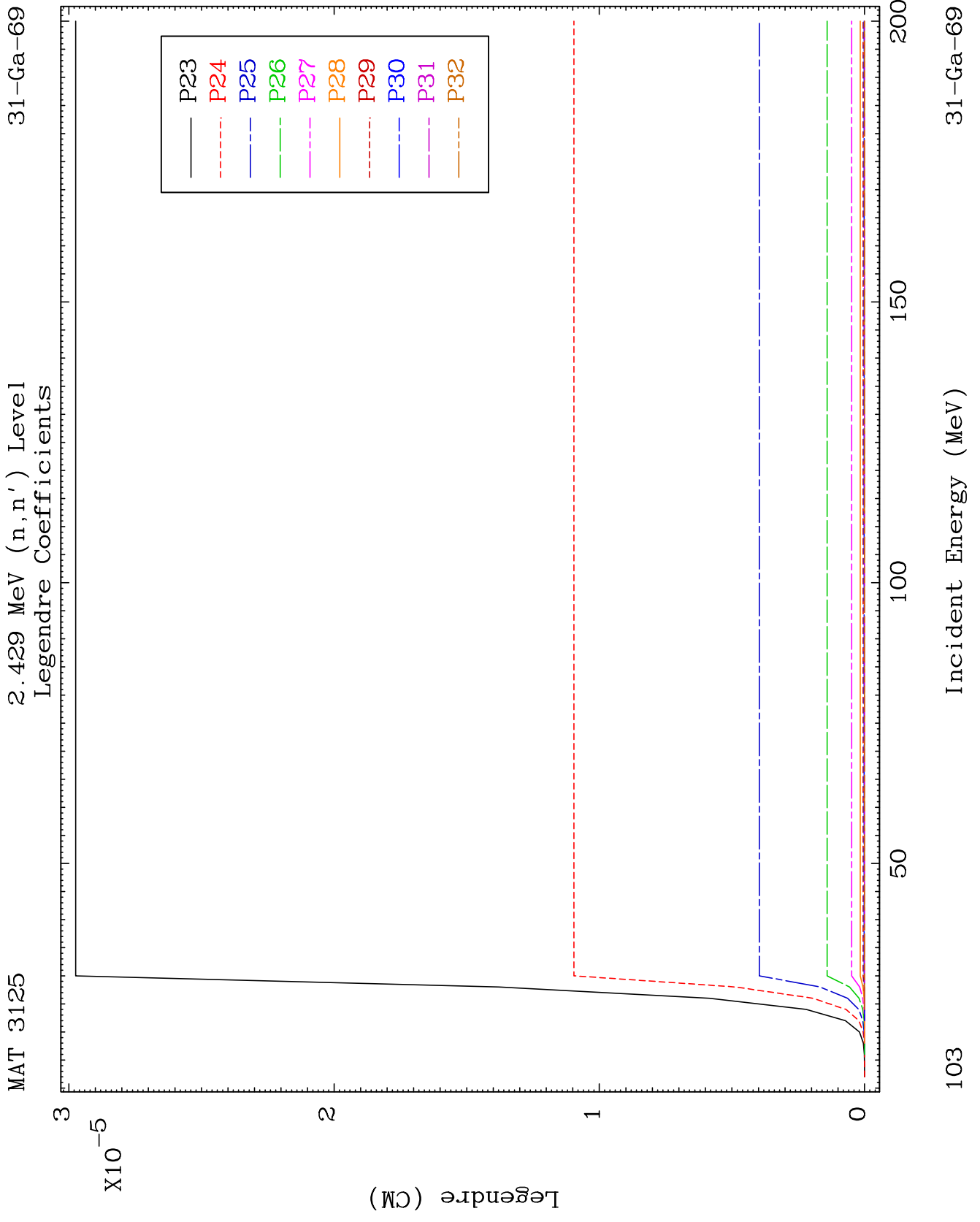


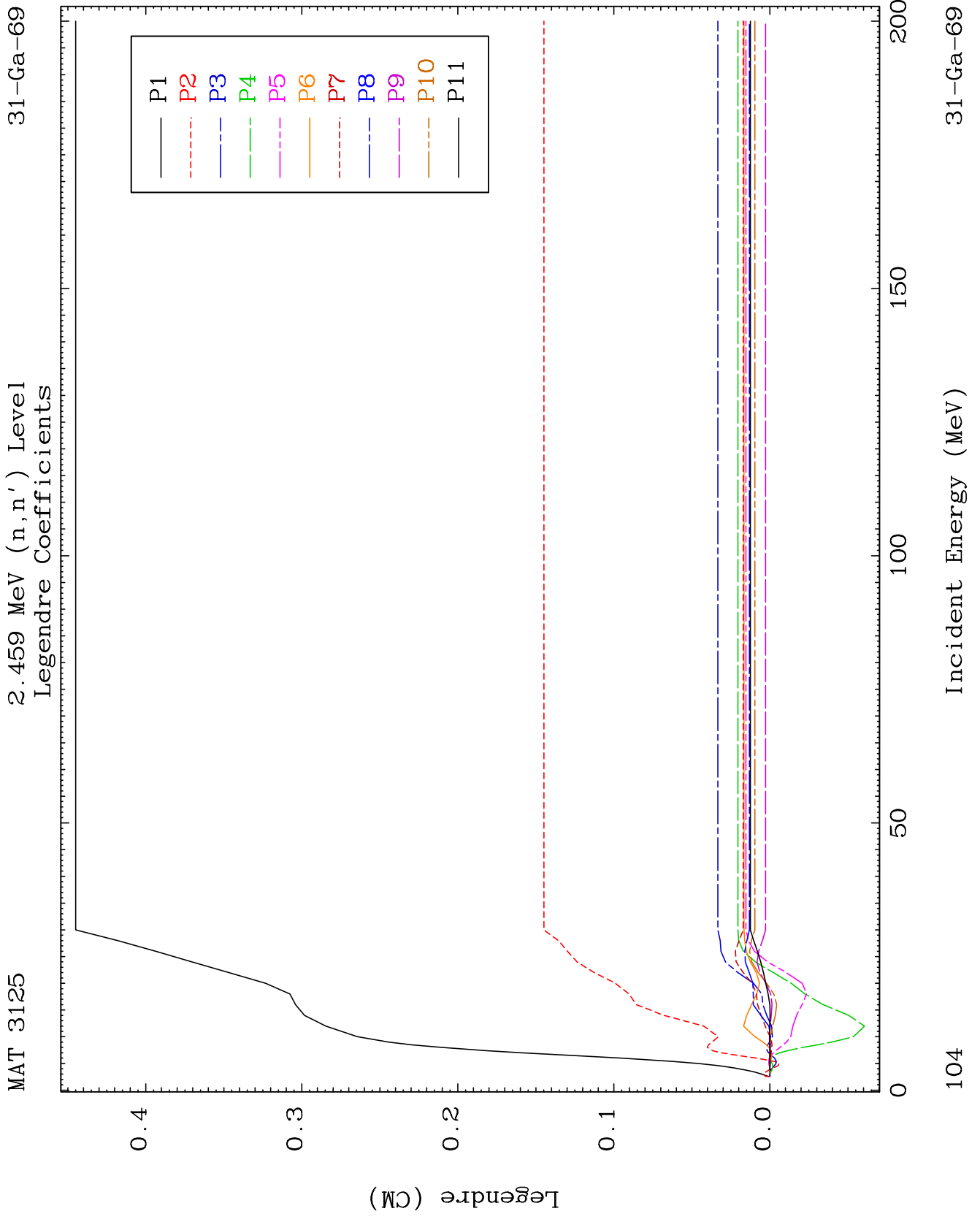


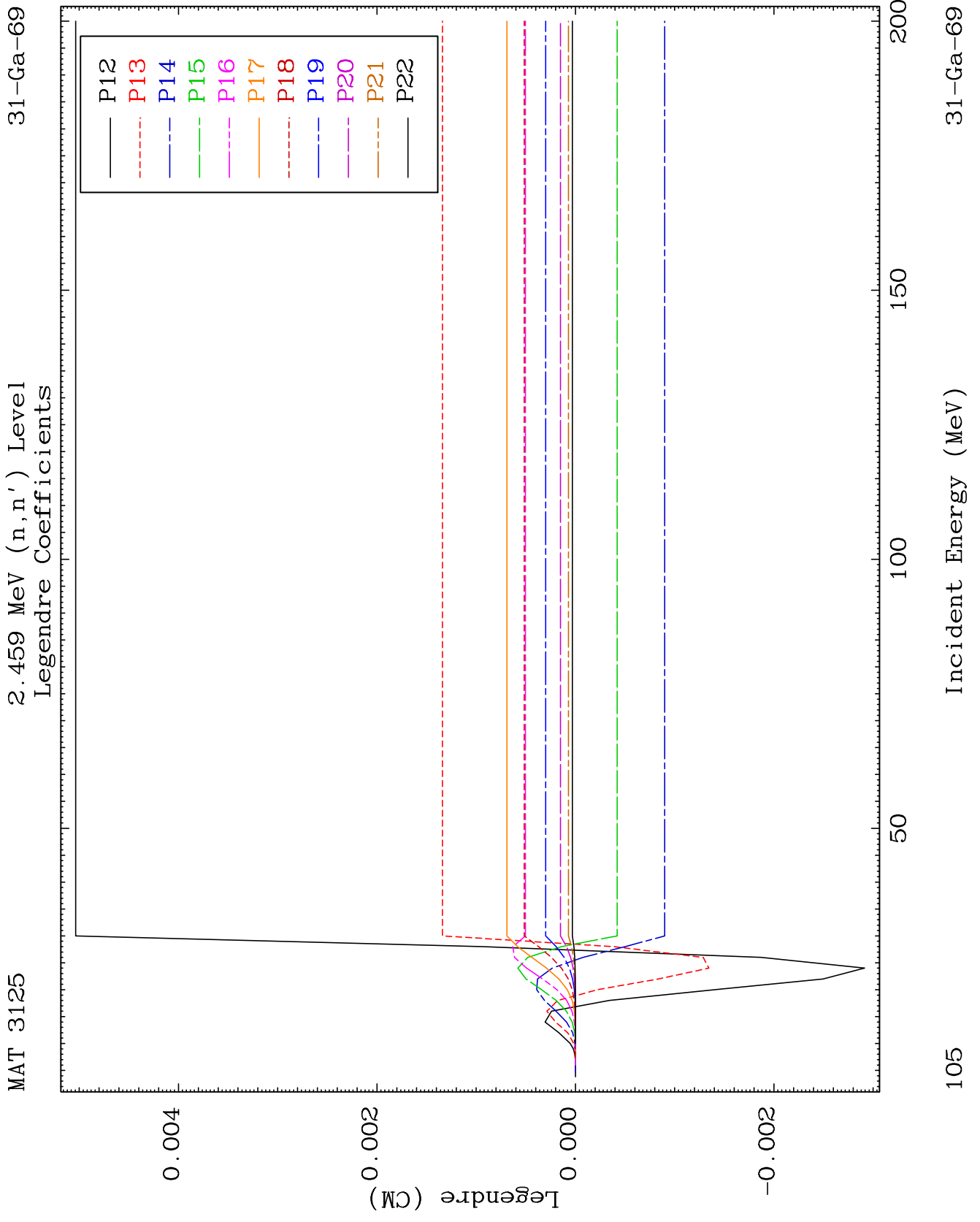


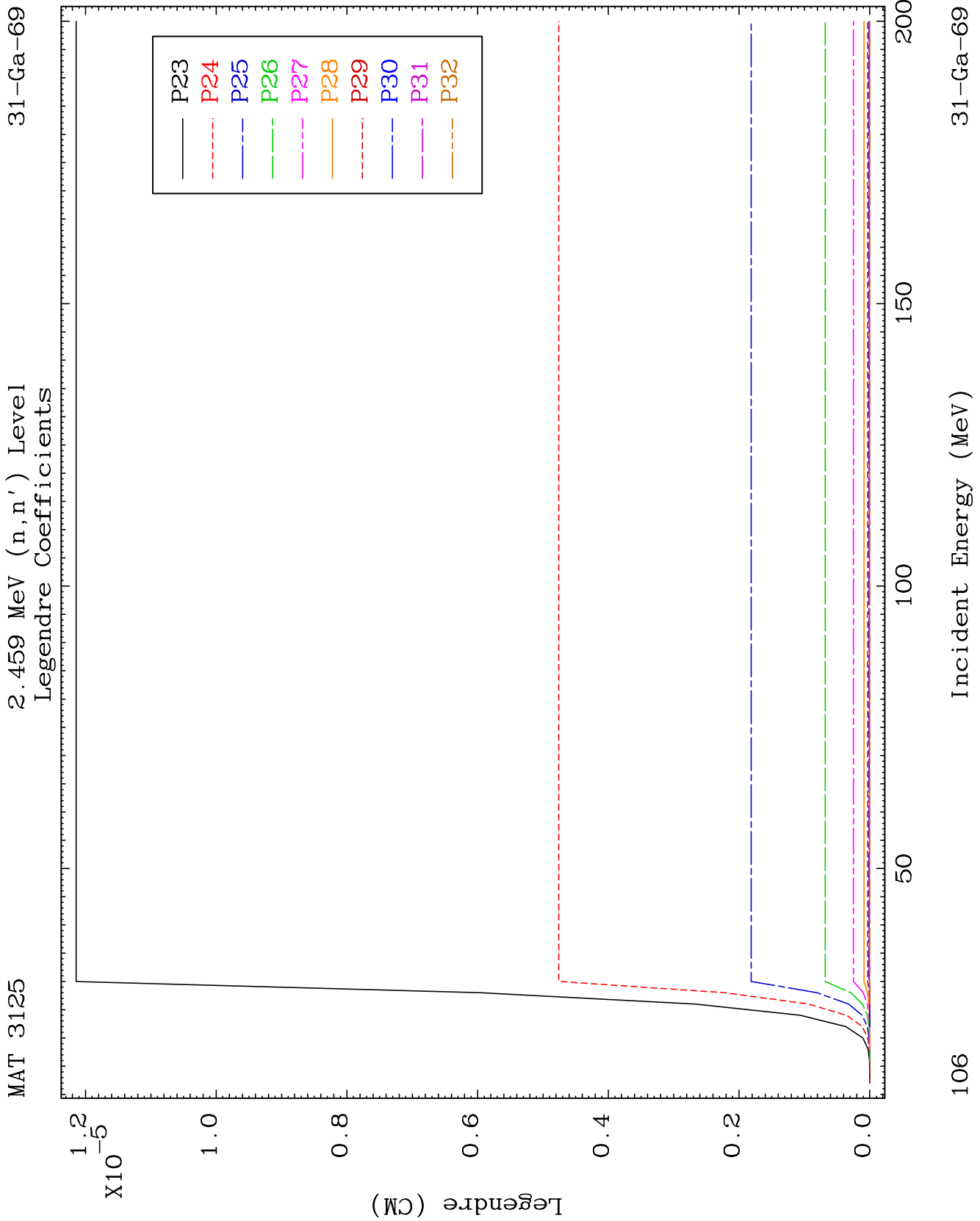


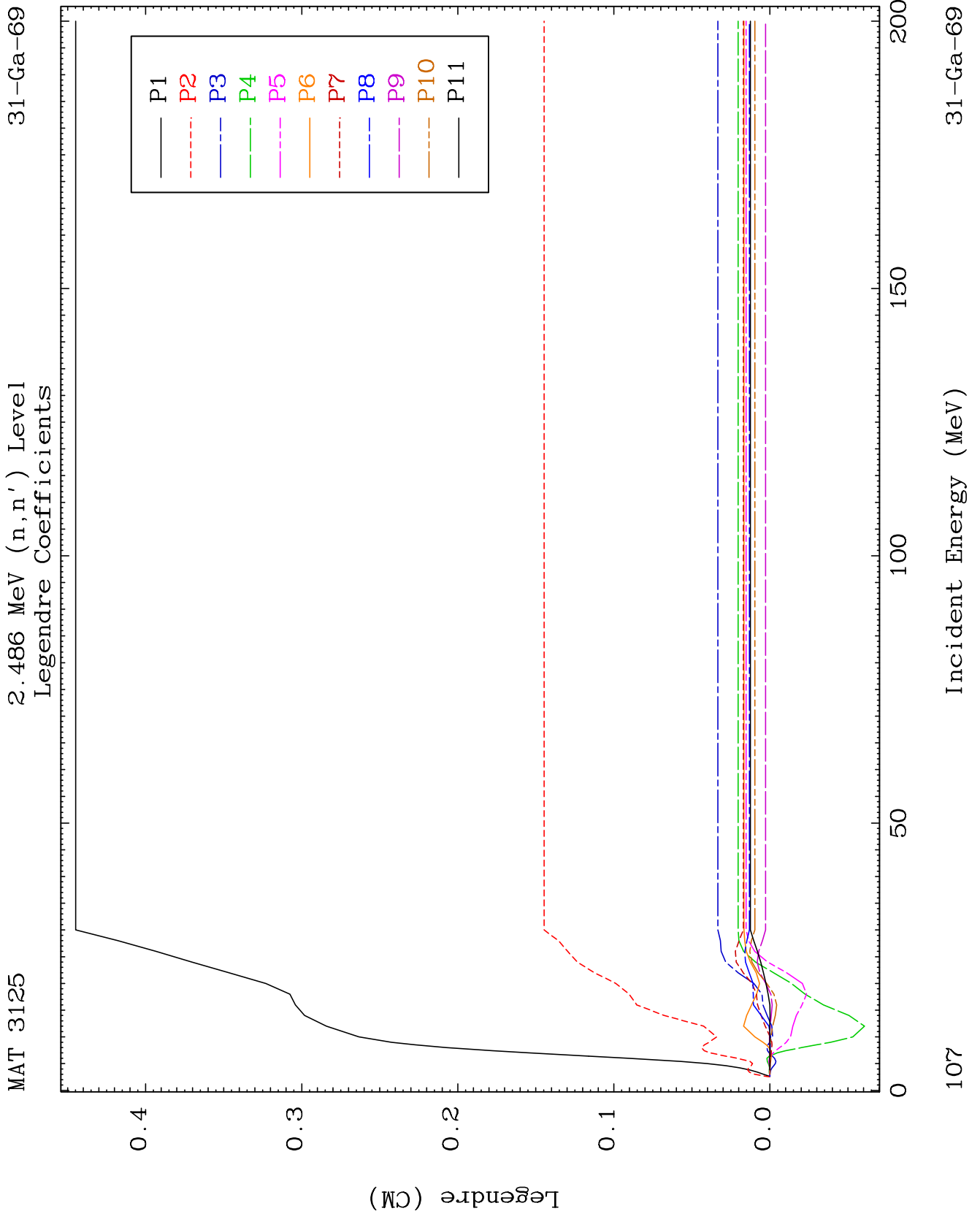


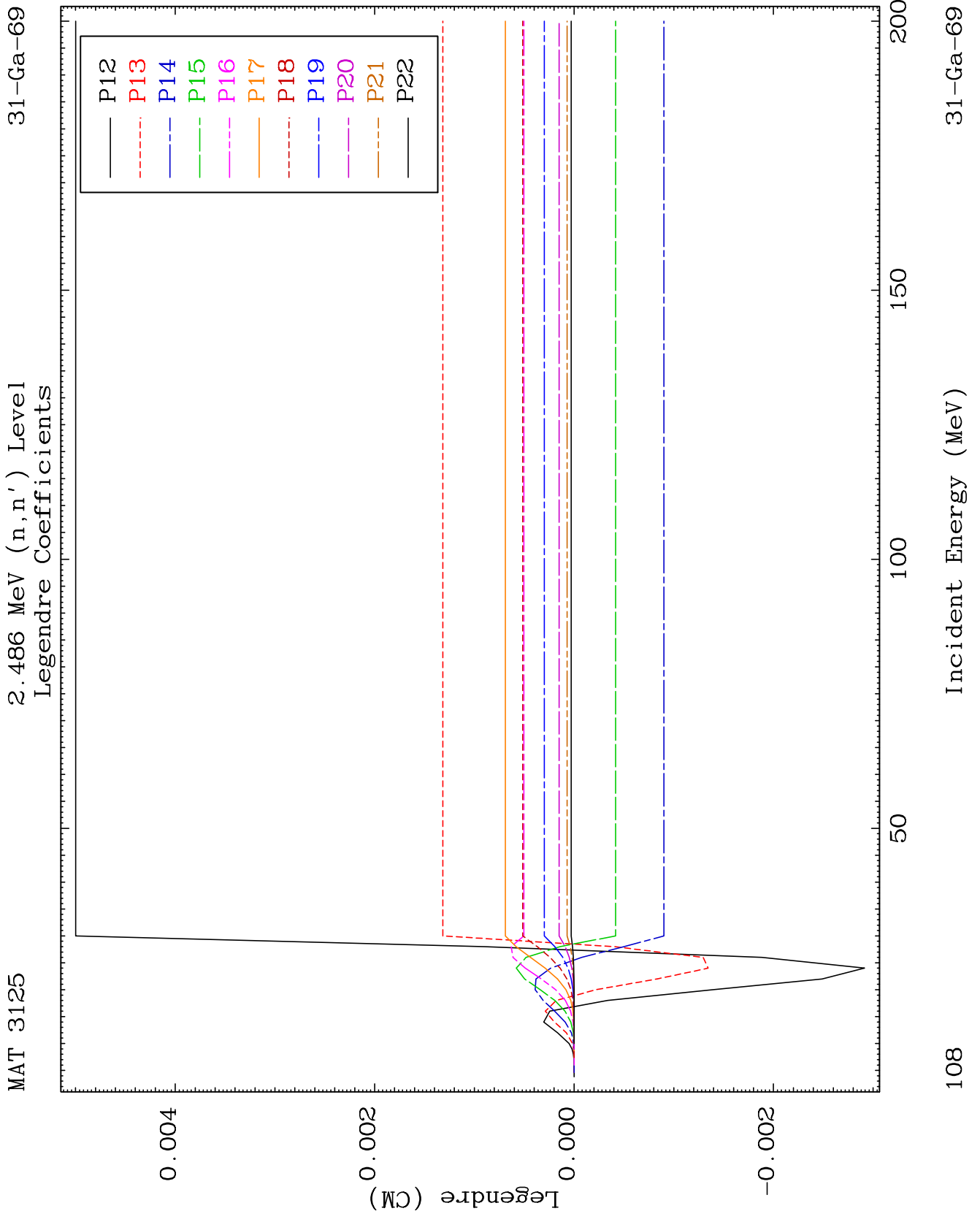


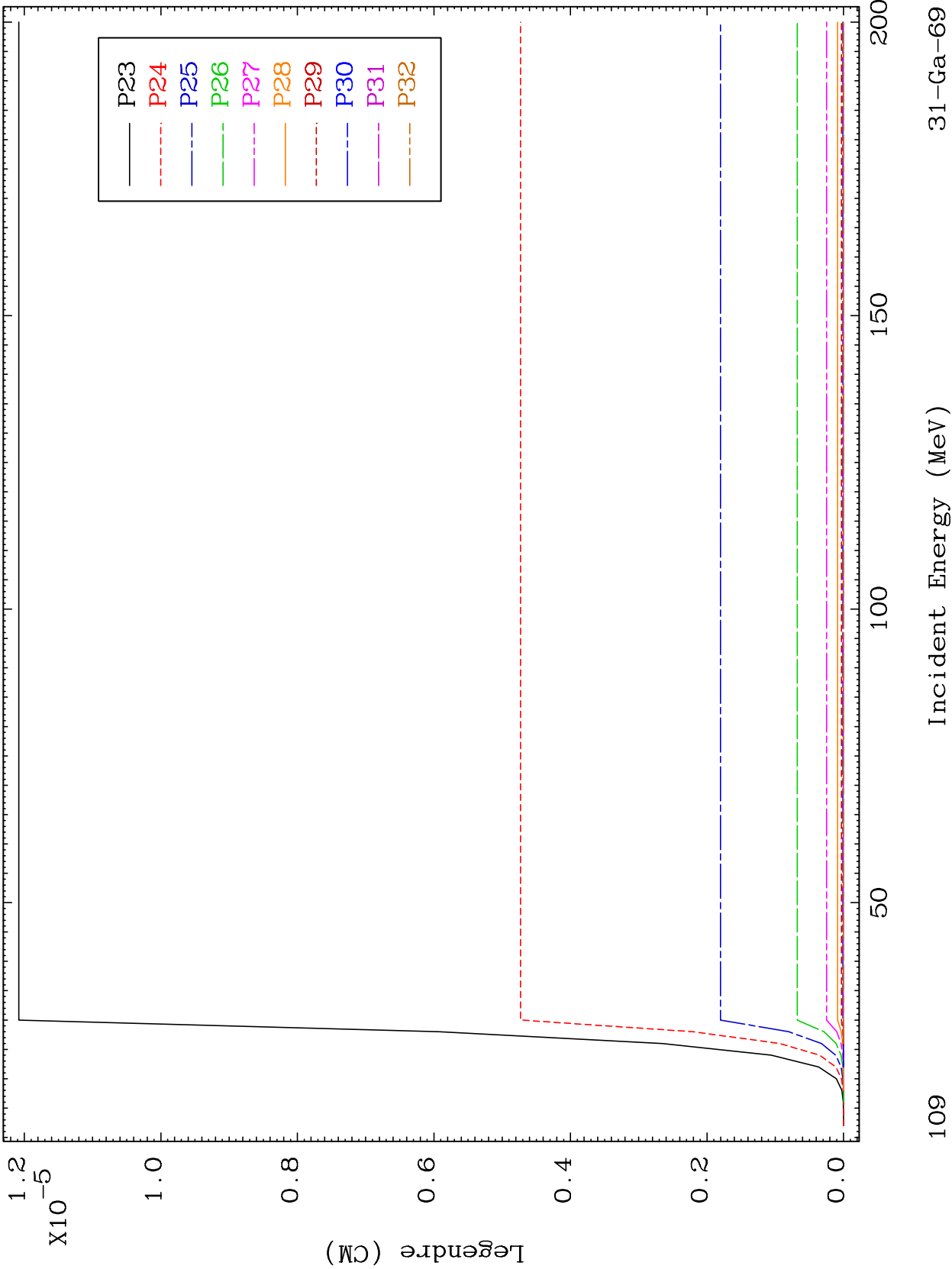


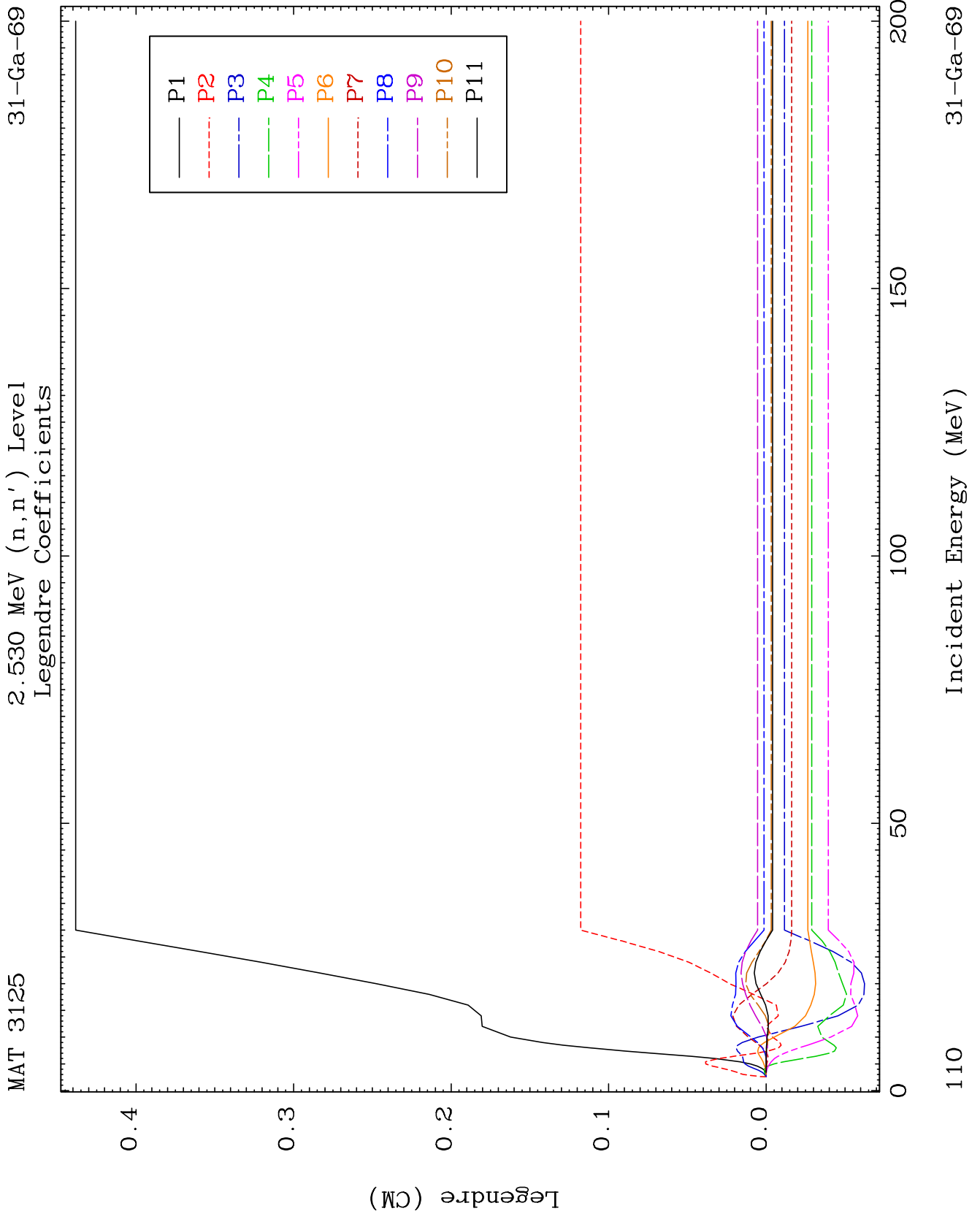








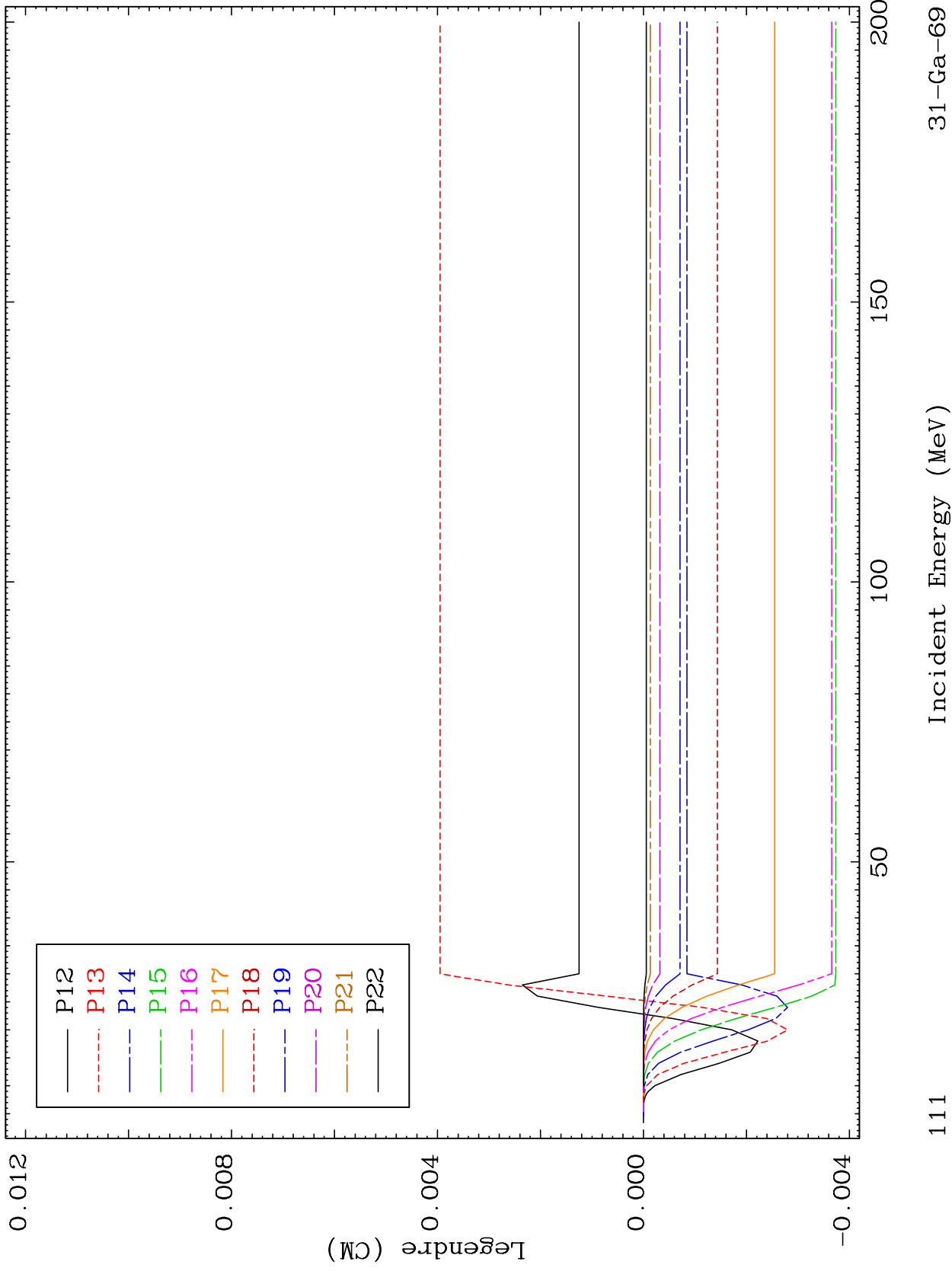




MAT 3125

2.530 MeV (n,n') Level
Legendre Coefficients

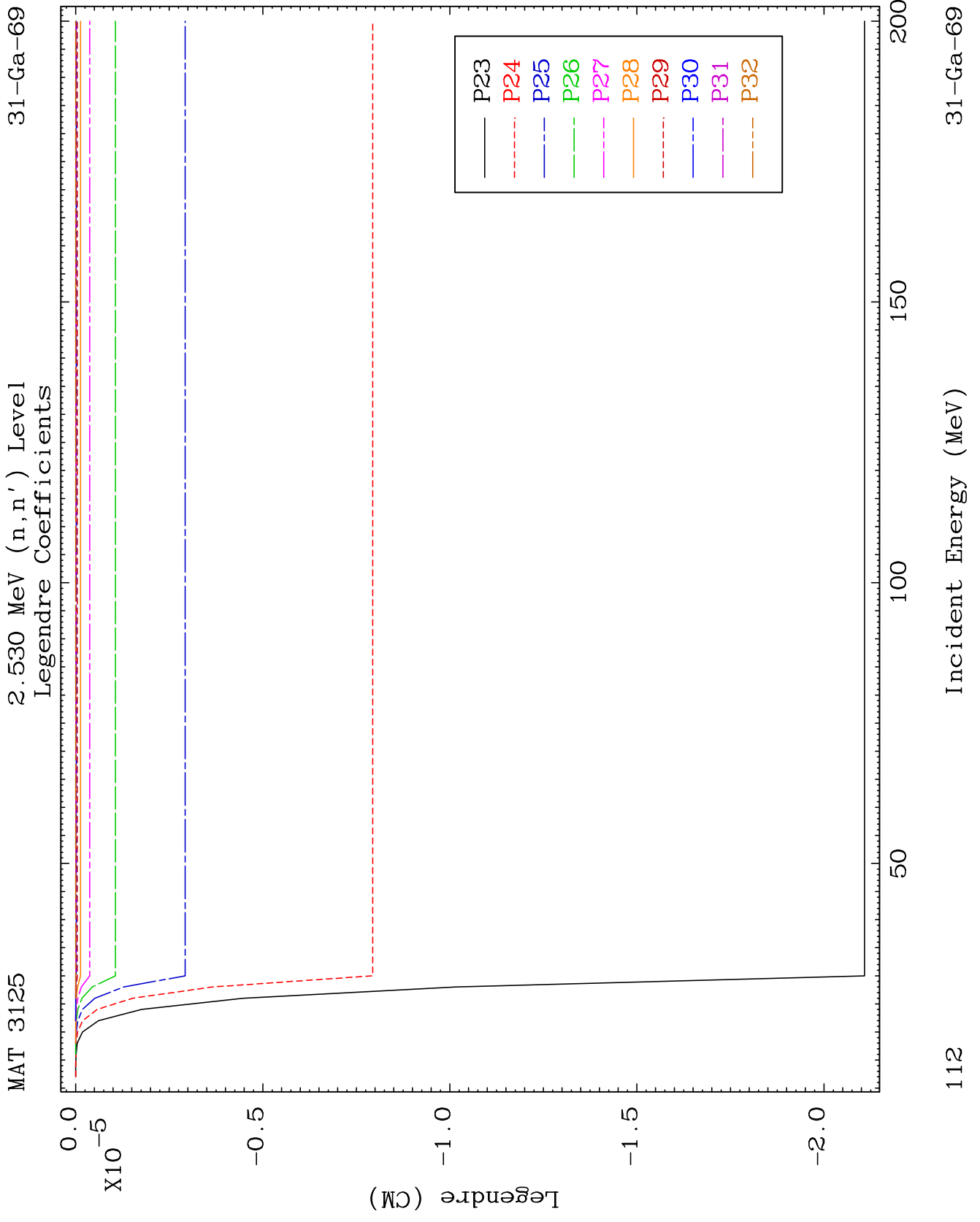
31-Ga-69

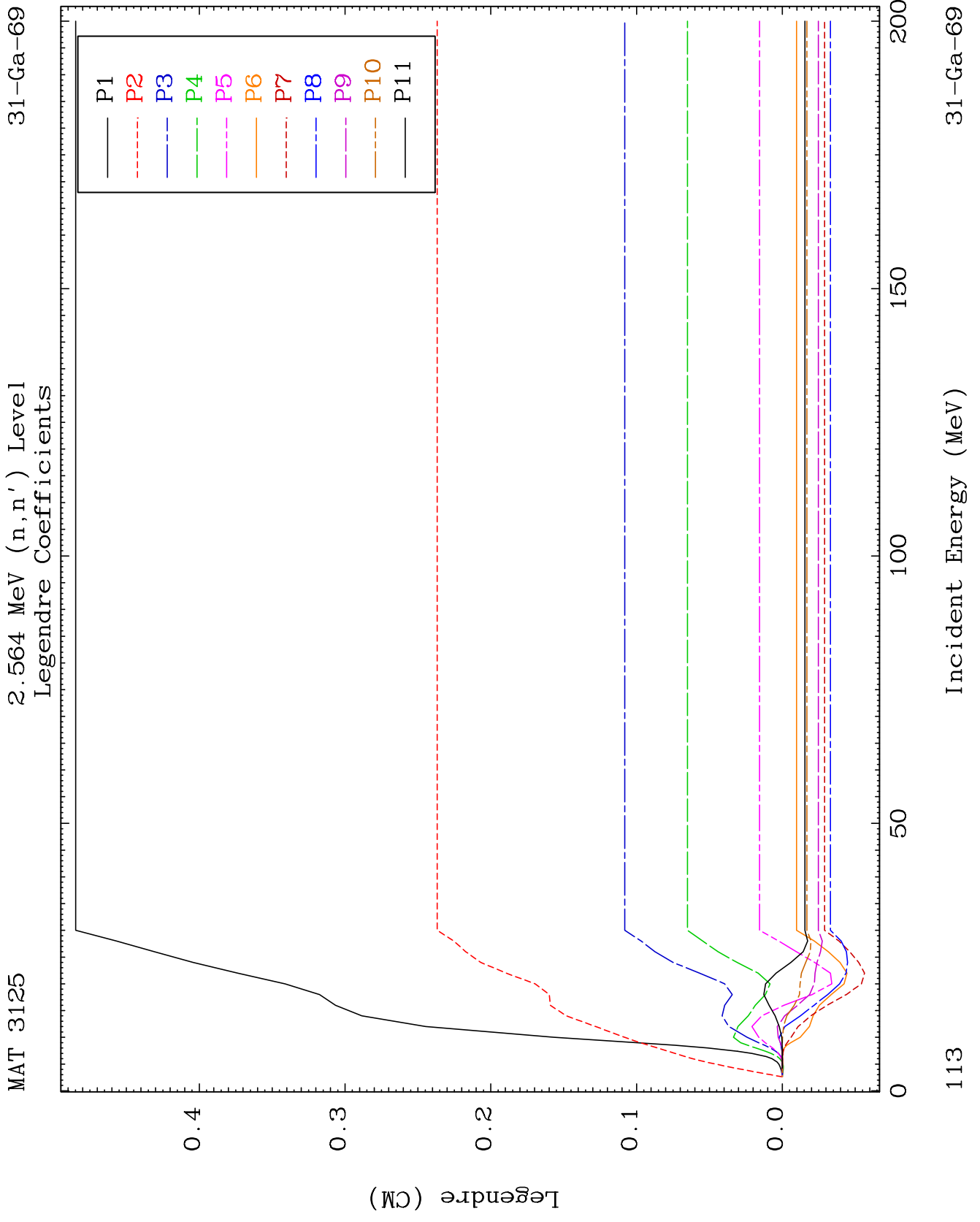


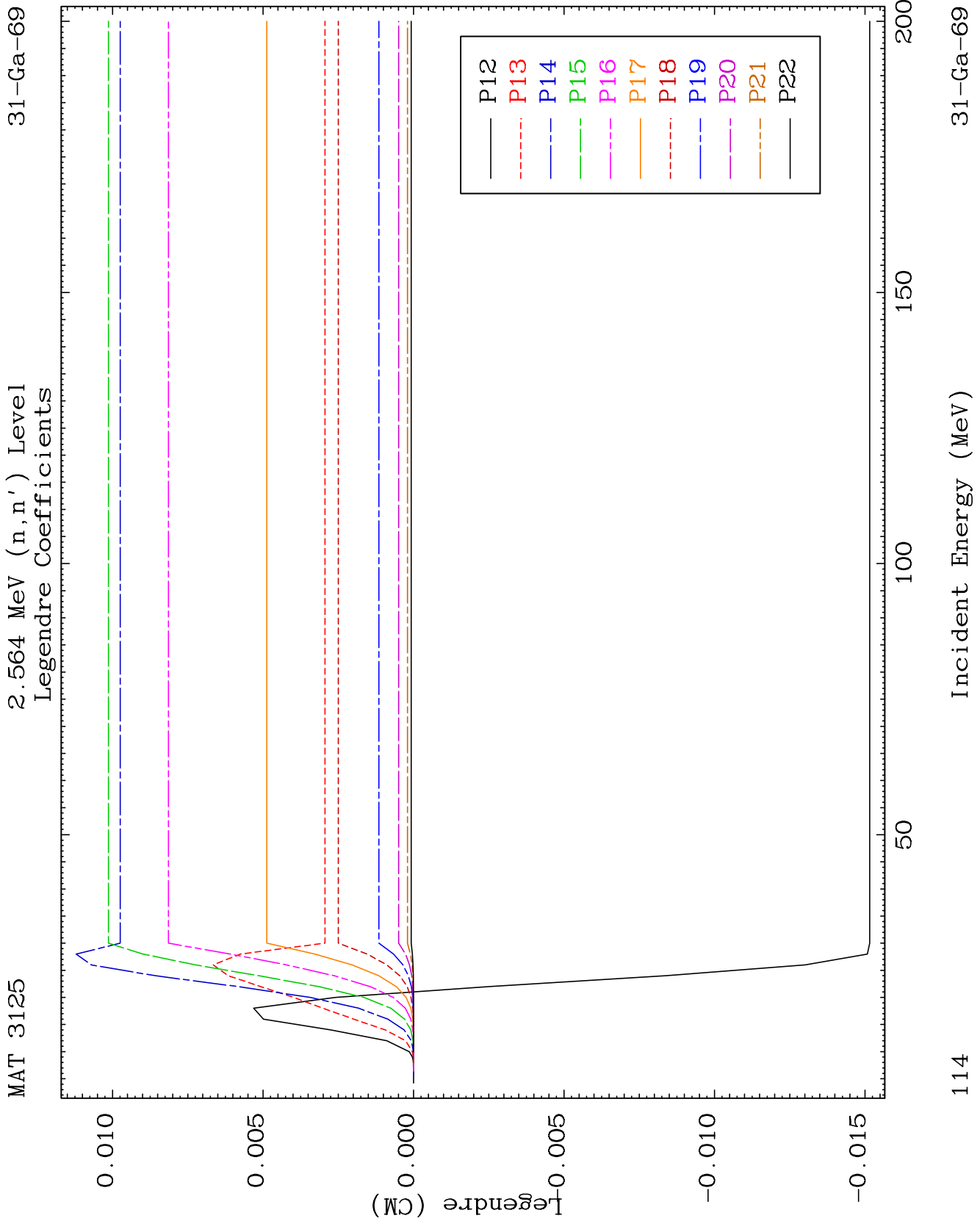
111

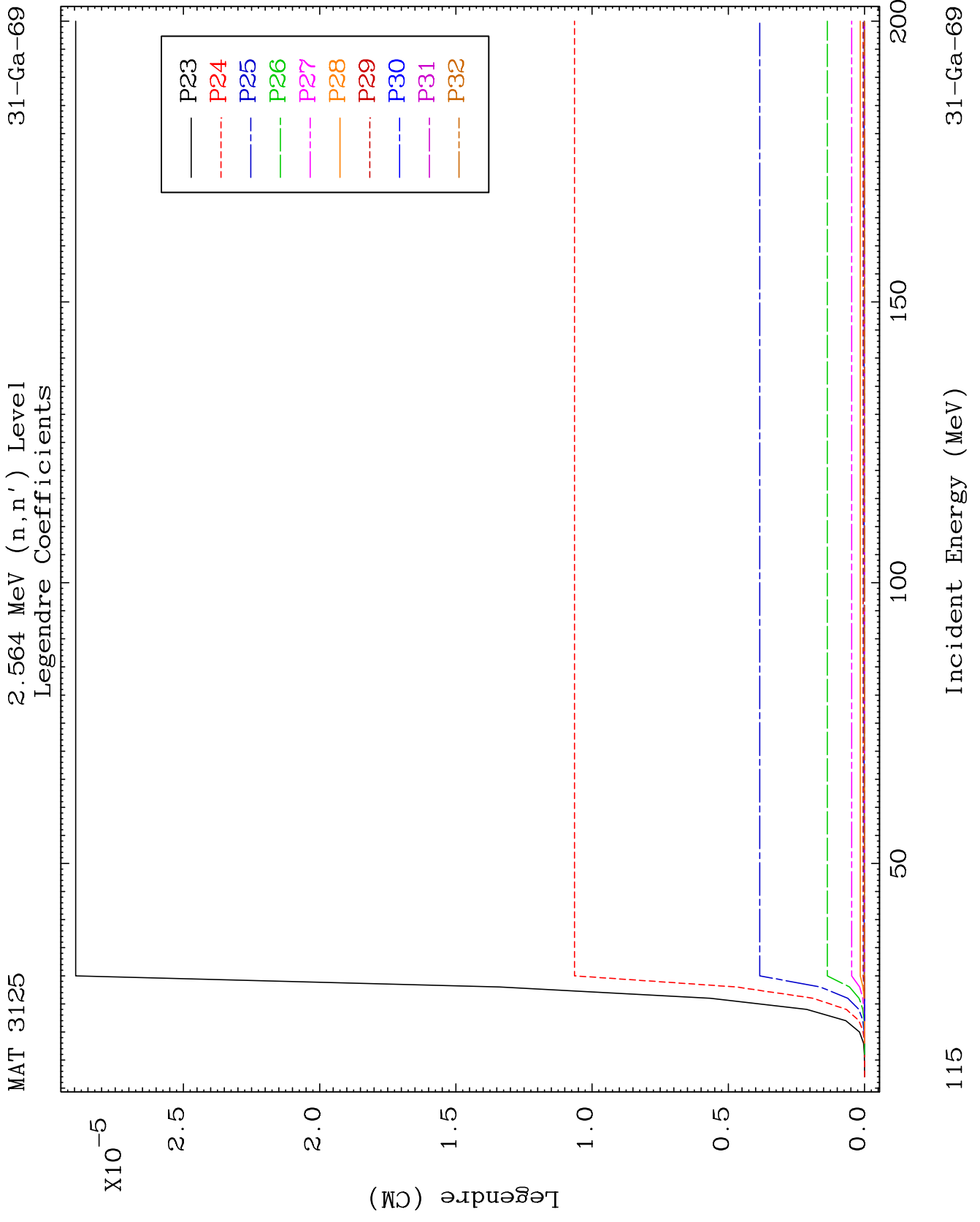
Incident Energy (MeV)

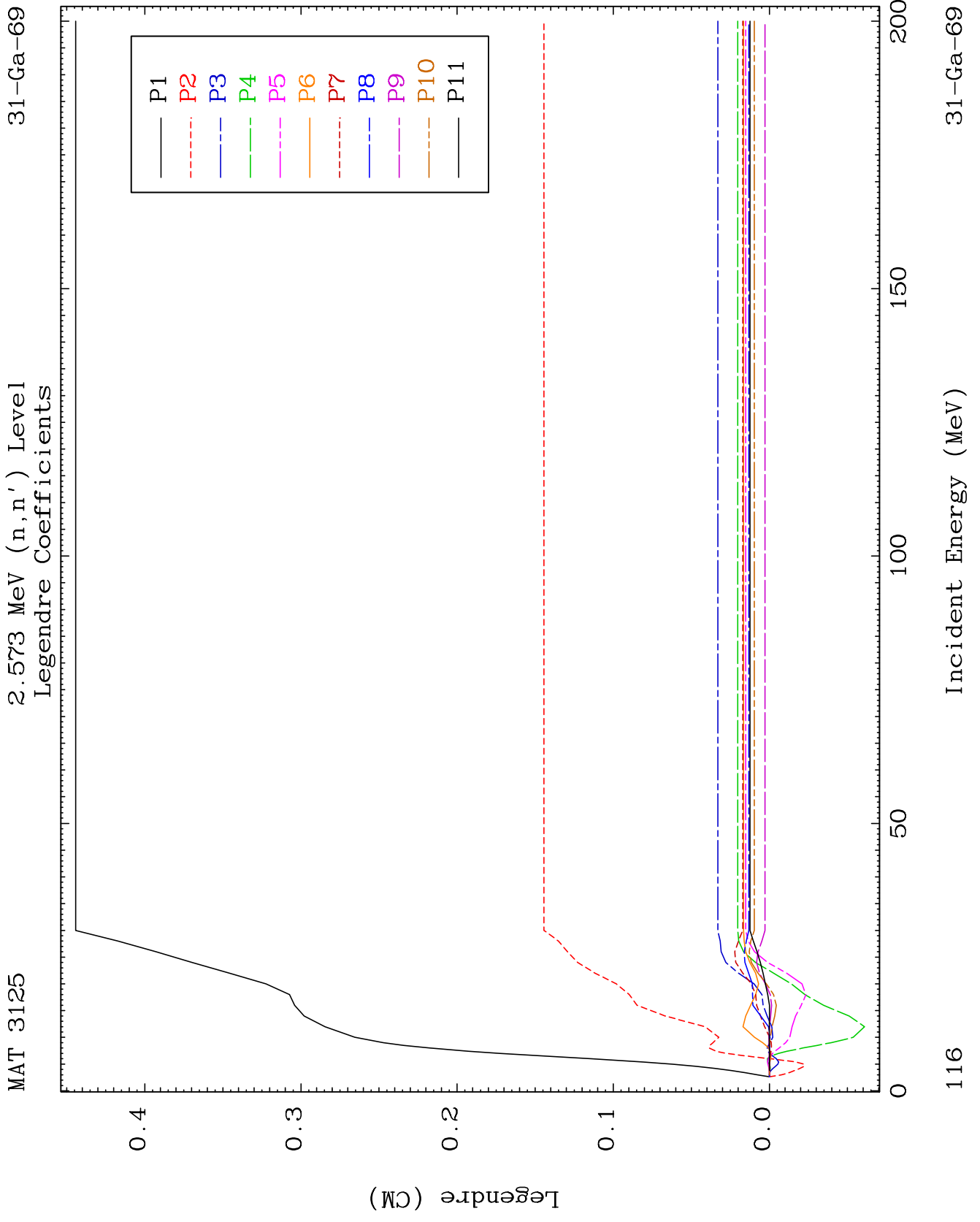
31-Ga-69

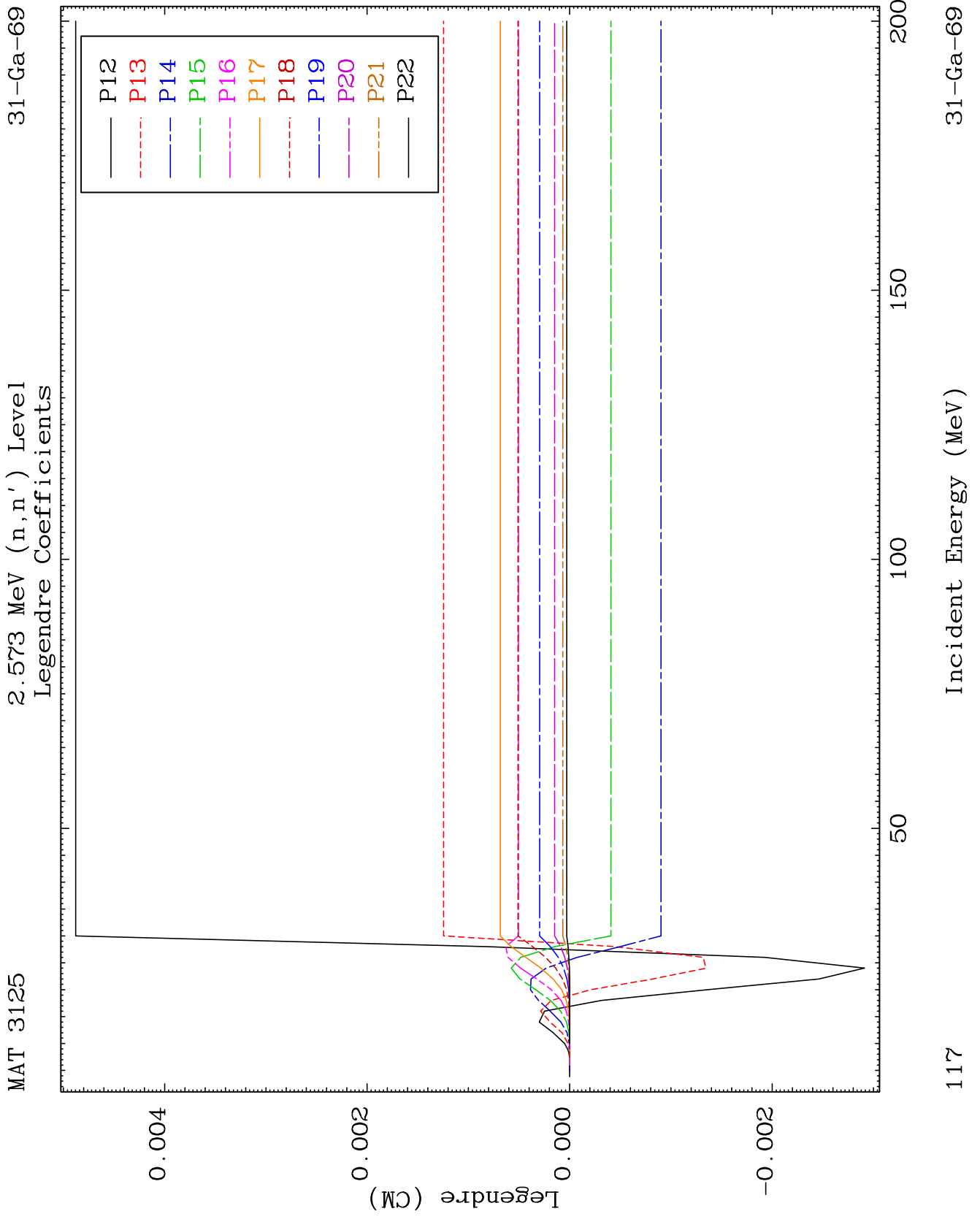


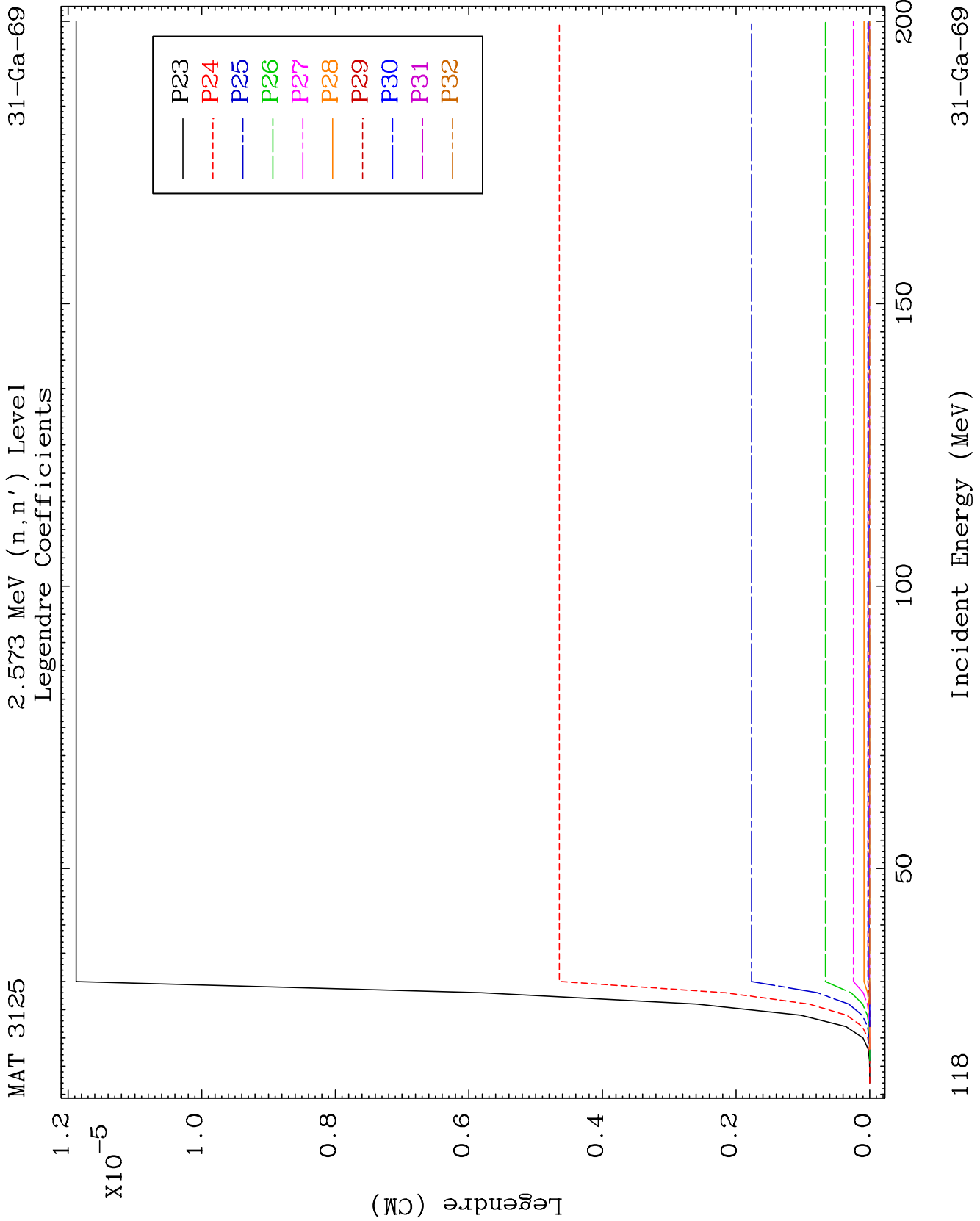




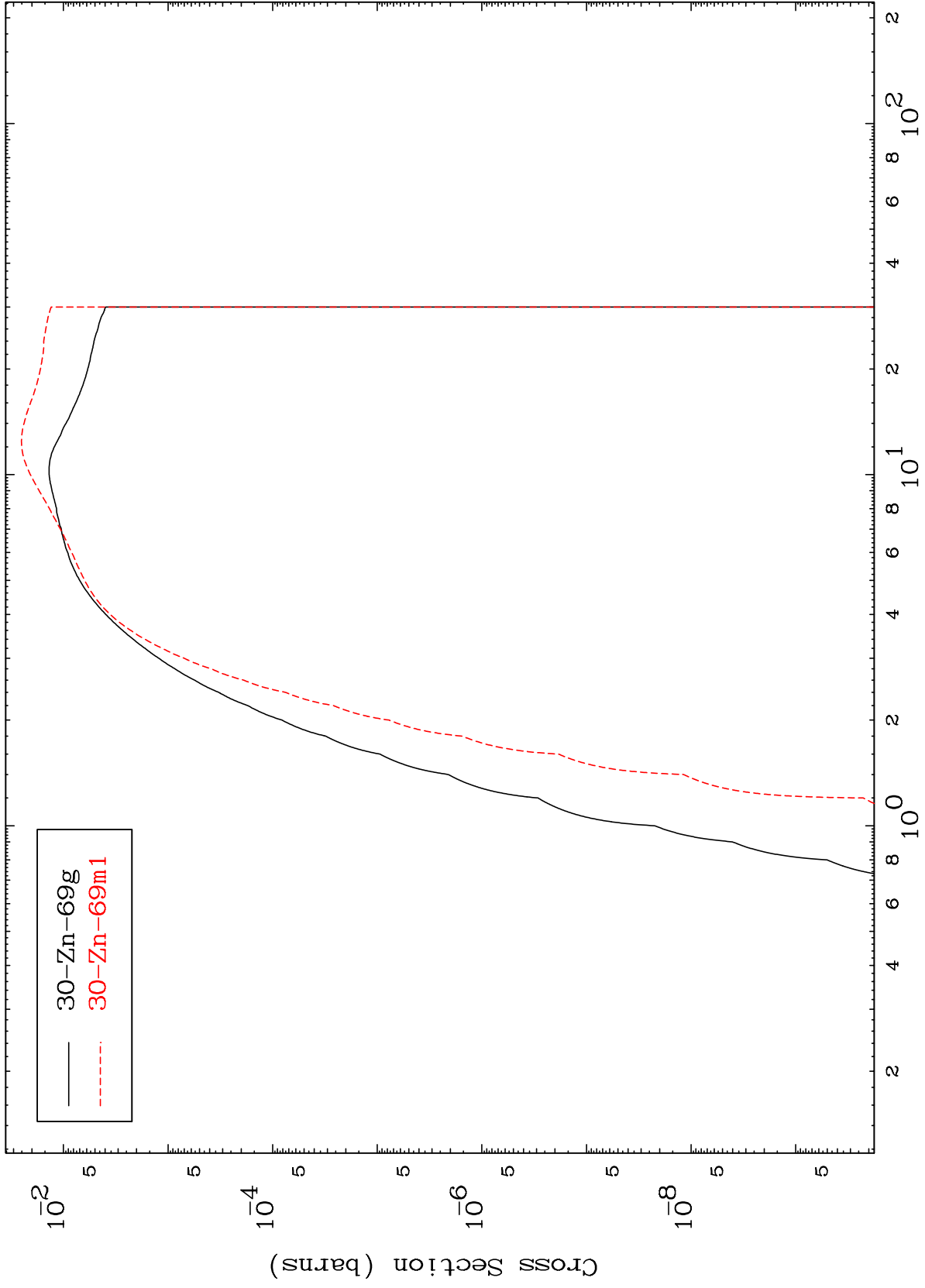








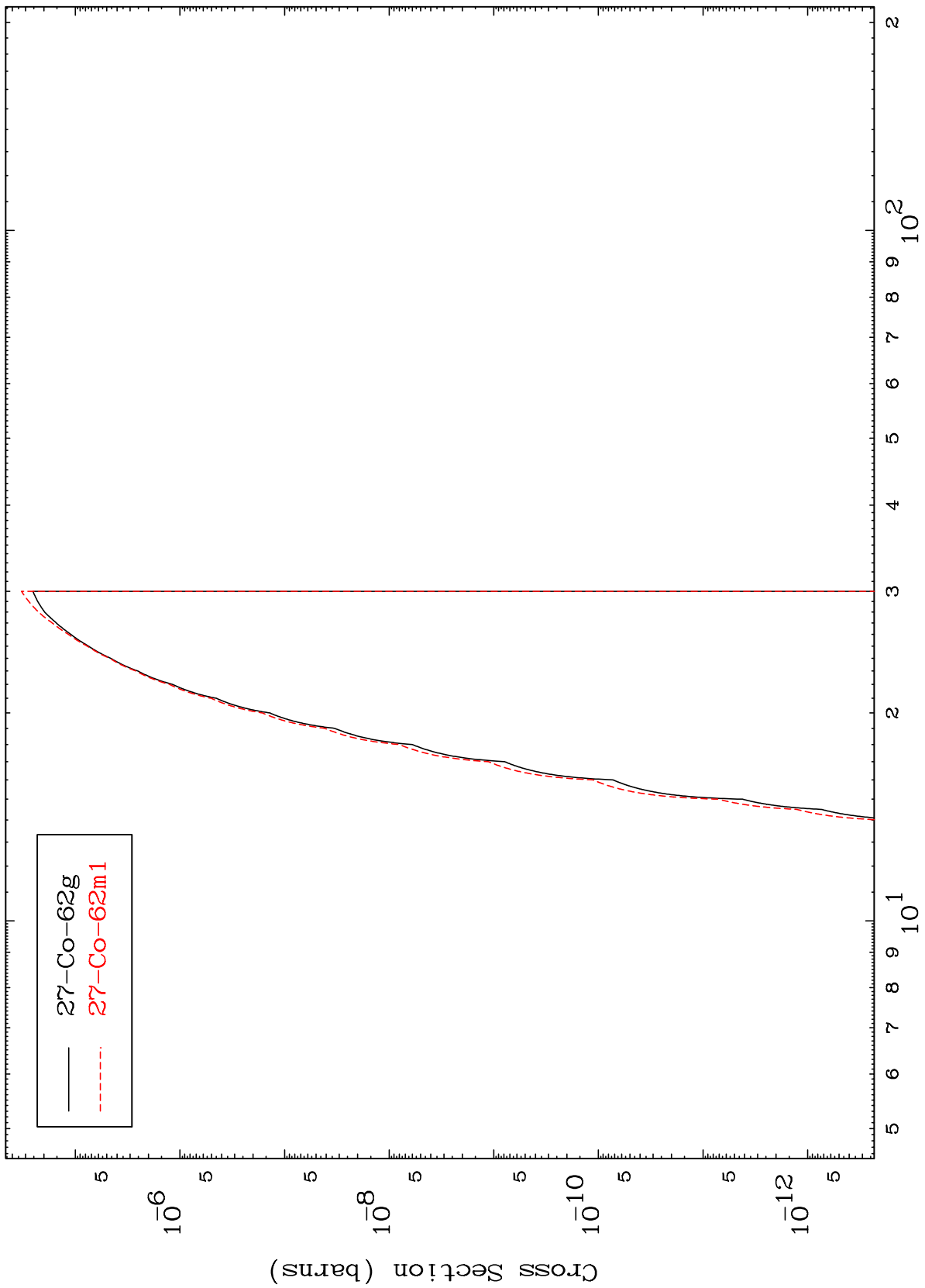
(n,p)
Radionuclide Production Cross Section



MAT 3125

31-Ga-69

(n,2α)
Radionuclide Production Cross Section



120

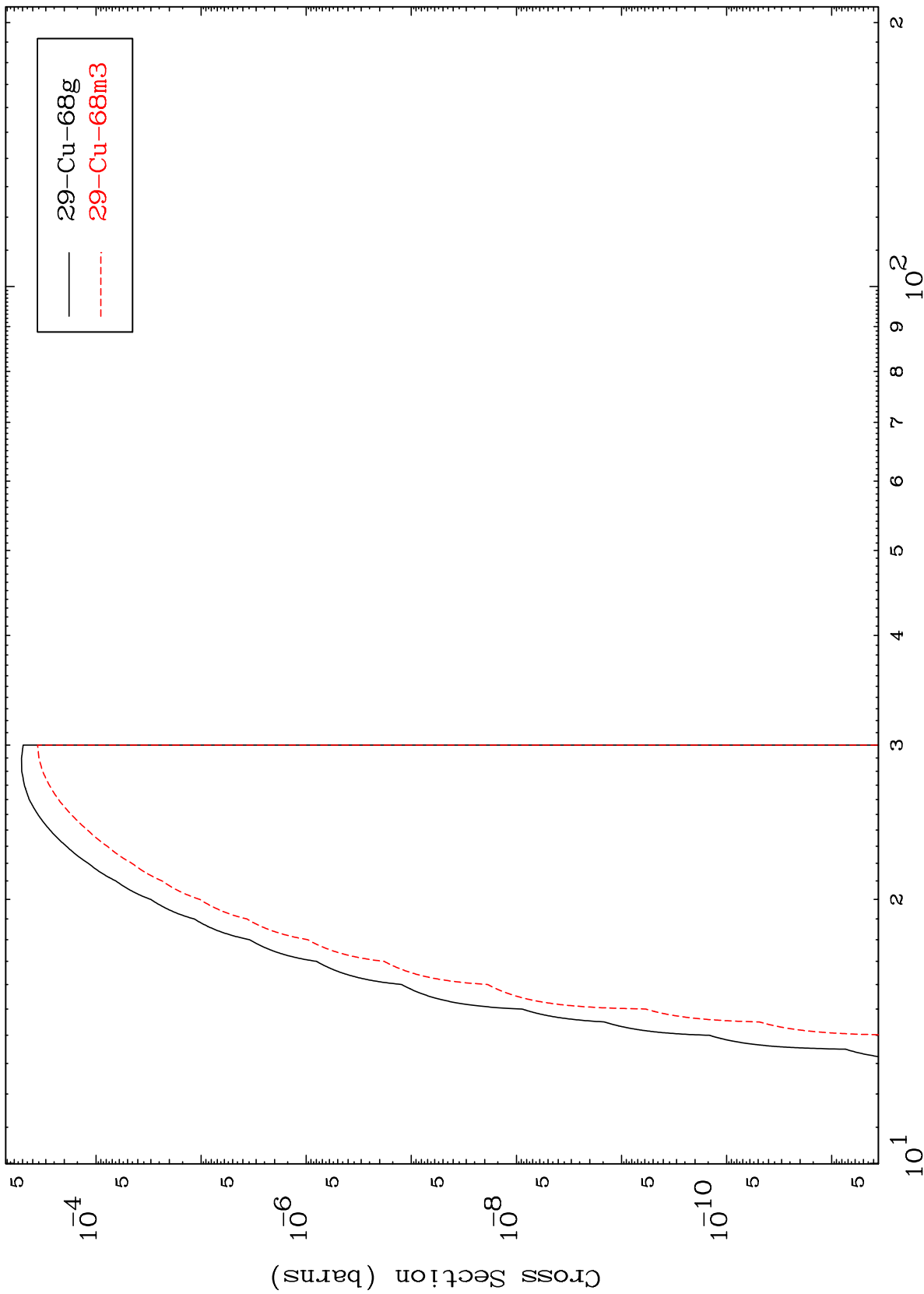
Incident Energy (MeV)

31-Ga-69

MAT 3125

31-Ga-69

(n,2p)
Radionuclide Production Cross Section



31-Ga-69

Incident Energy (MeV)

121