

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

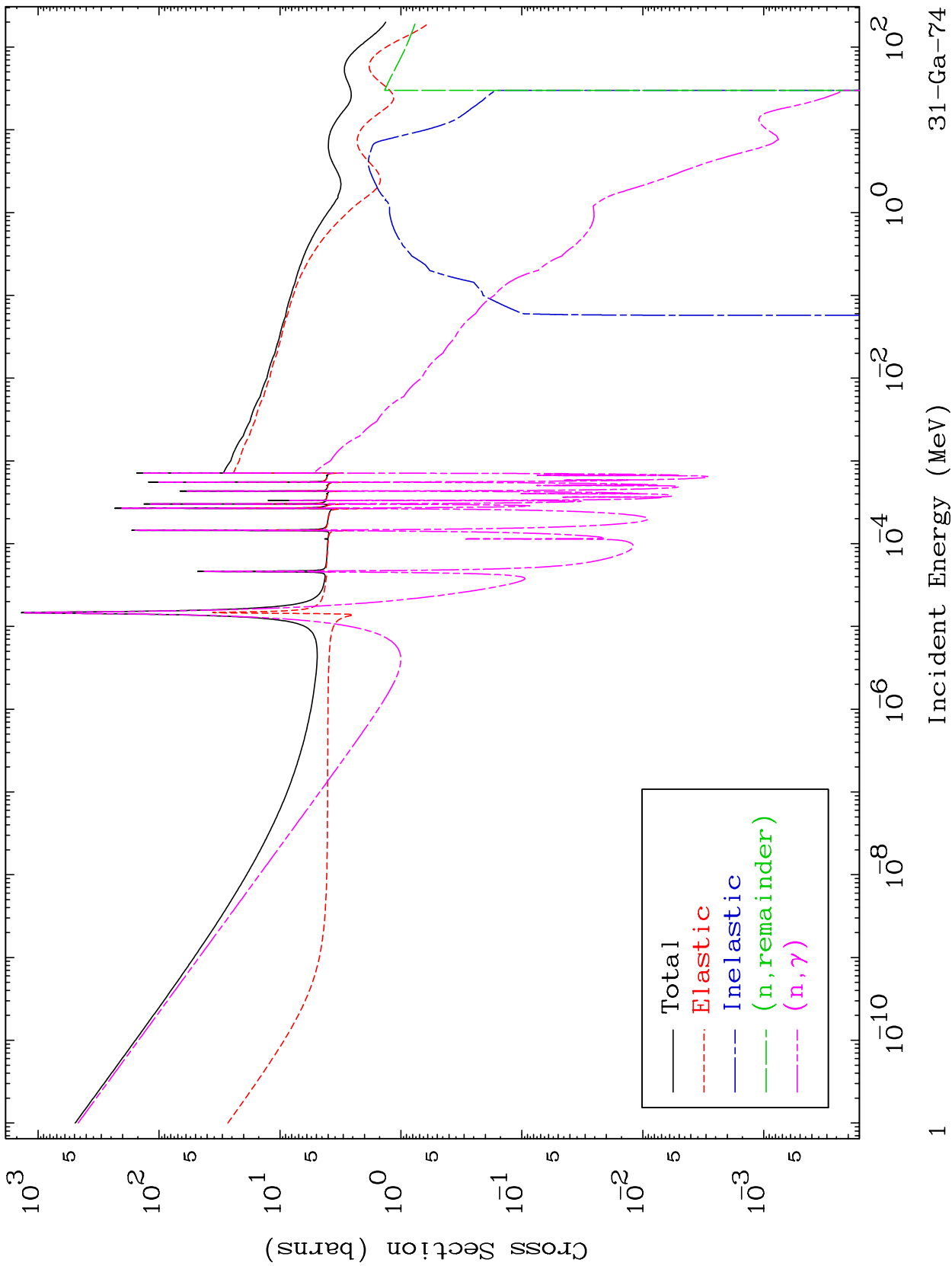
Press Mouse Button to Start

MAT 3140

Major

293 Kelvin Cross Sections

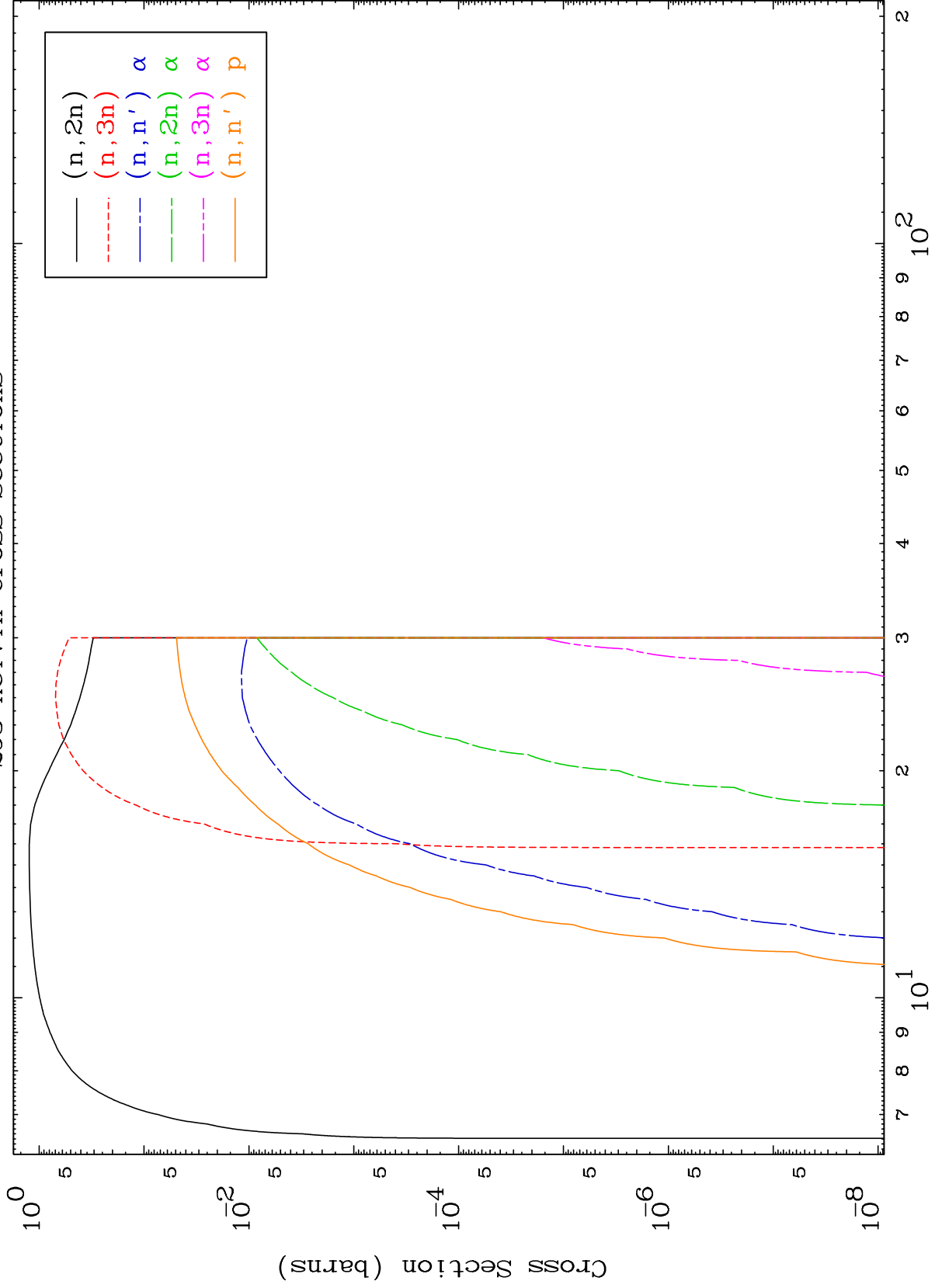
31-Ga-74



MAT 3140

Neutron Production
293 Kelvin Cross Sections

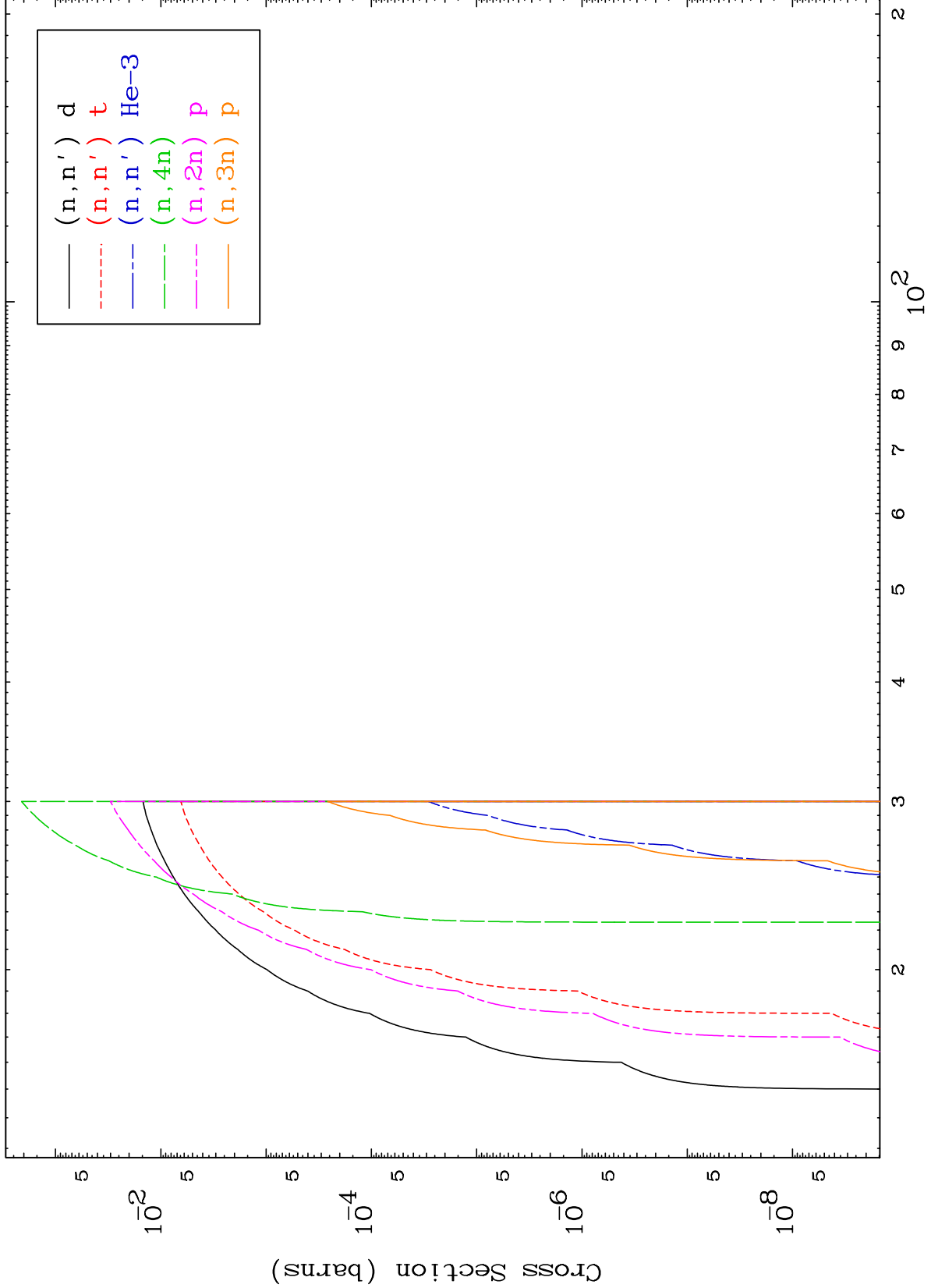
31-Ga-74

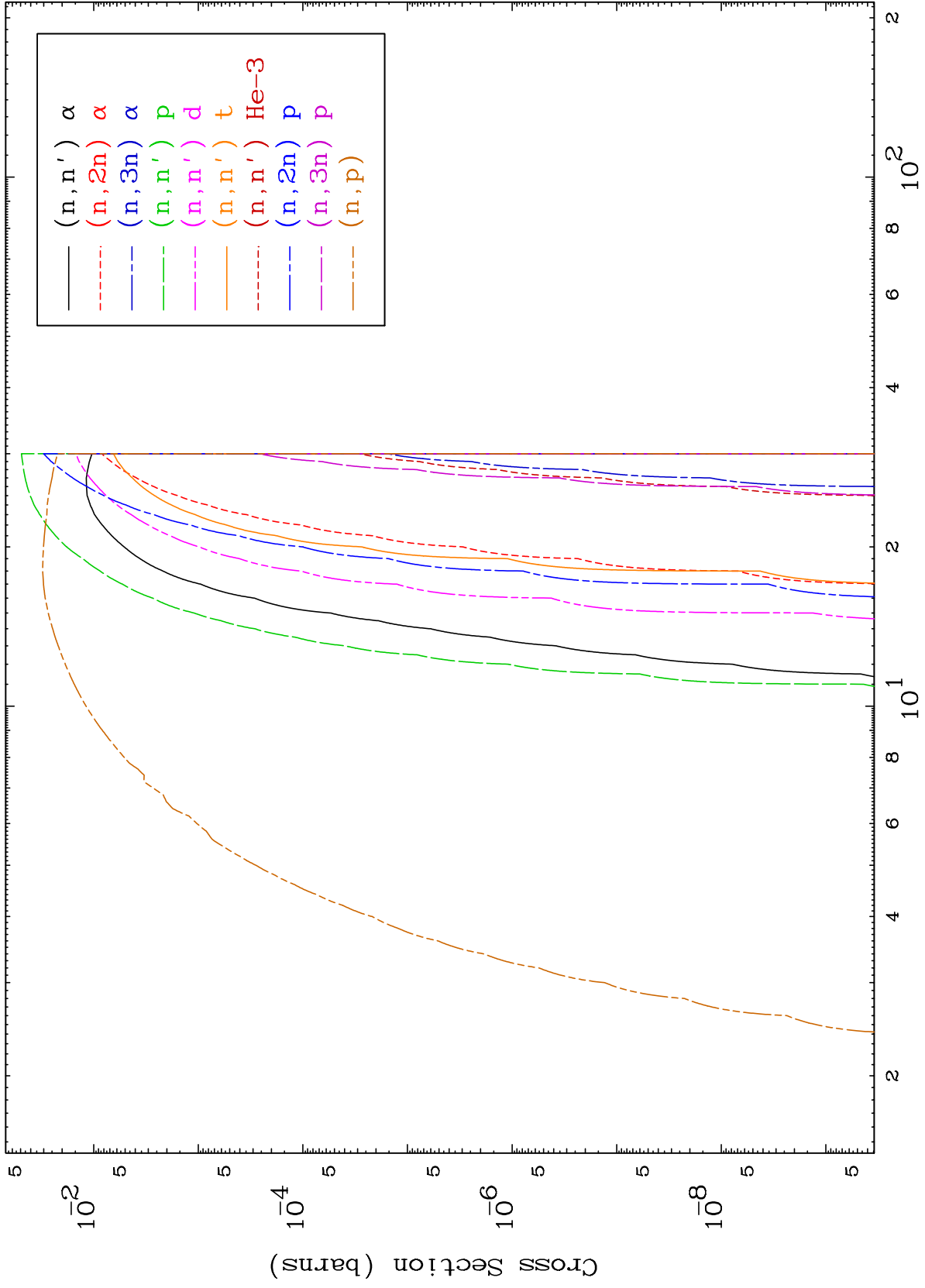


2

Incident Energy (MeV)

31-Ga-74

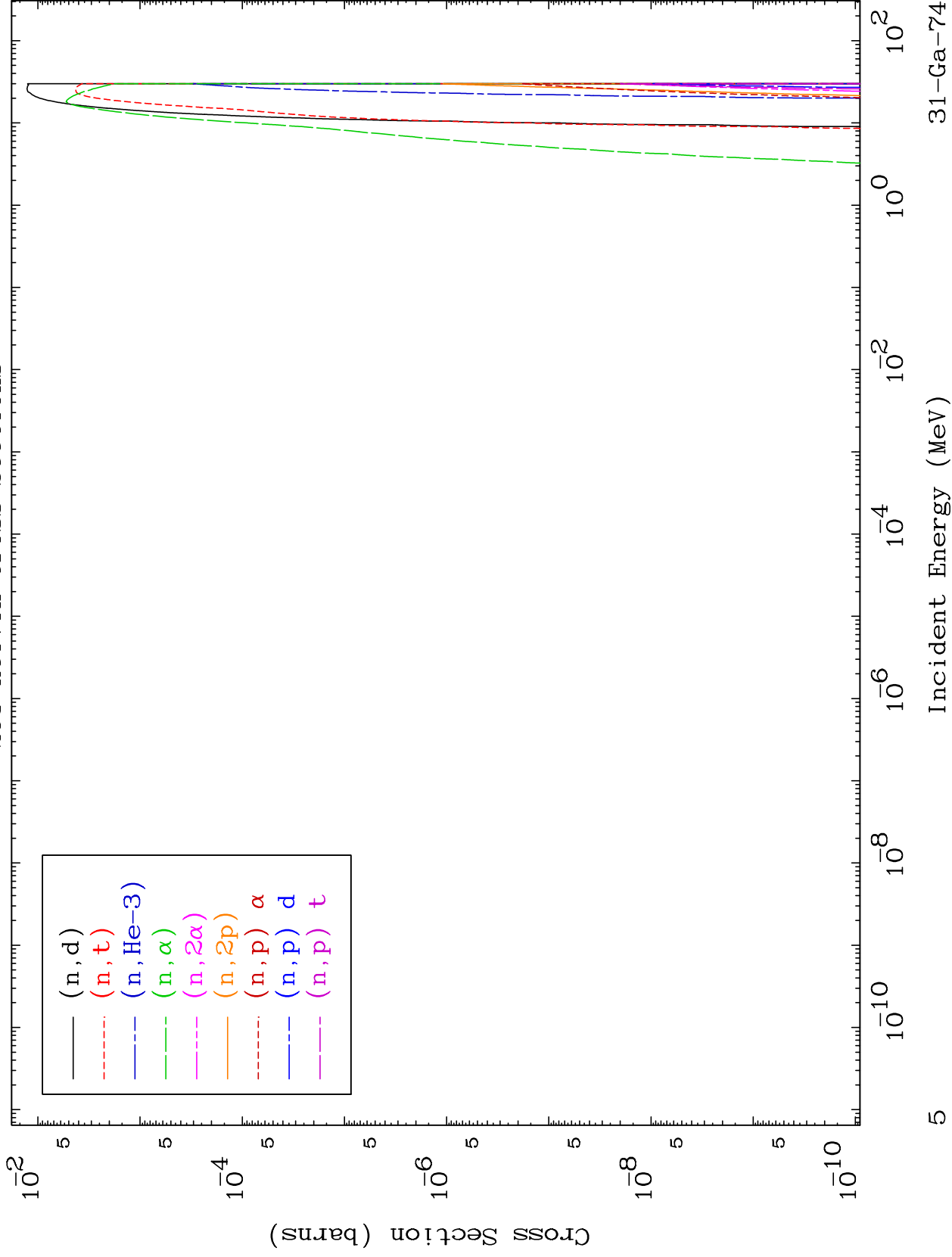




MAT 3140

Charged Particle
293 Kelvin Cross Sections

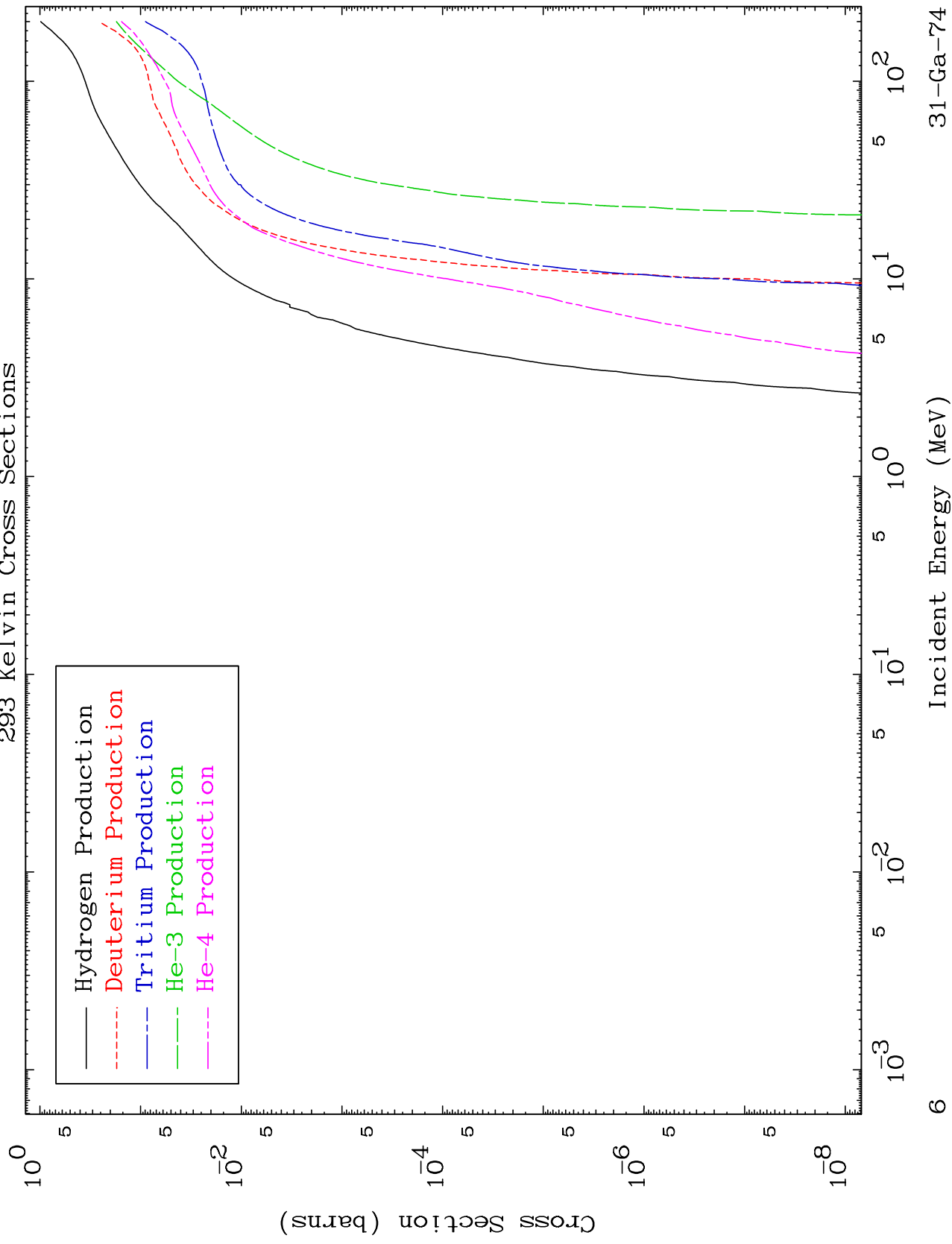
31-Ga-74



MAT 3140

Particle Production
293 Kelvin Cross Sections

31-Ga-74



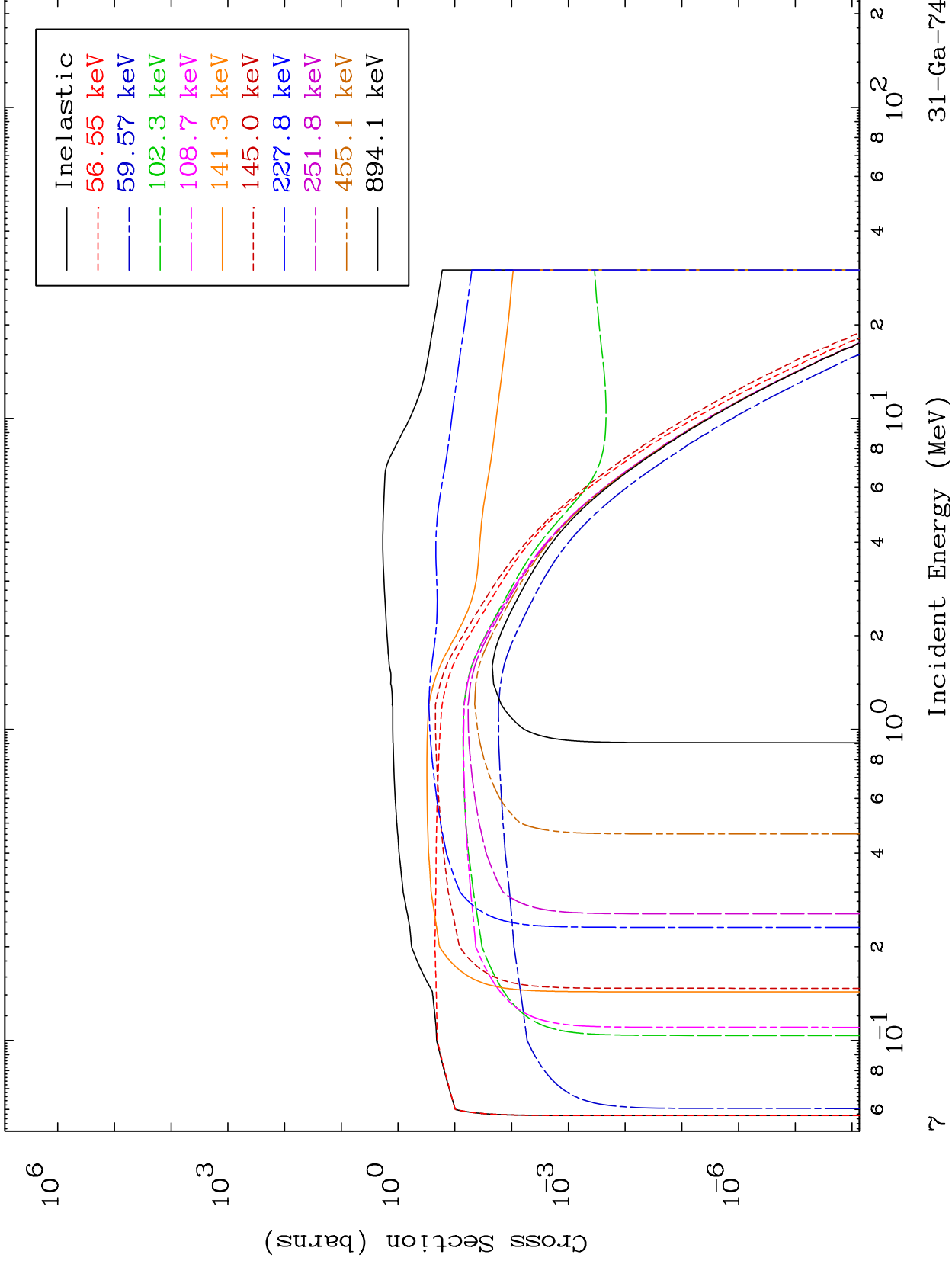
6

31-Ga-74

MAT 3140

(n,n') Level
293 Kelvin Cross Sections

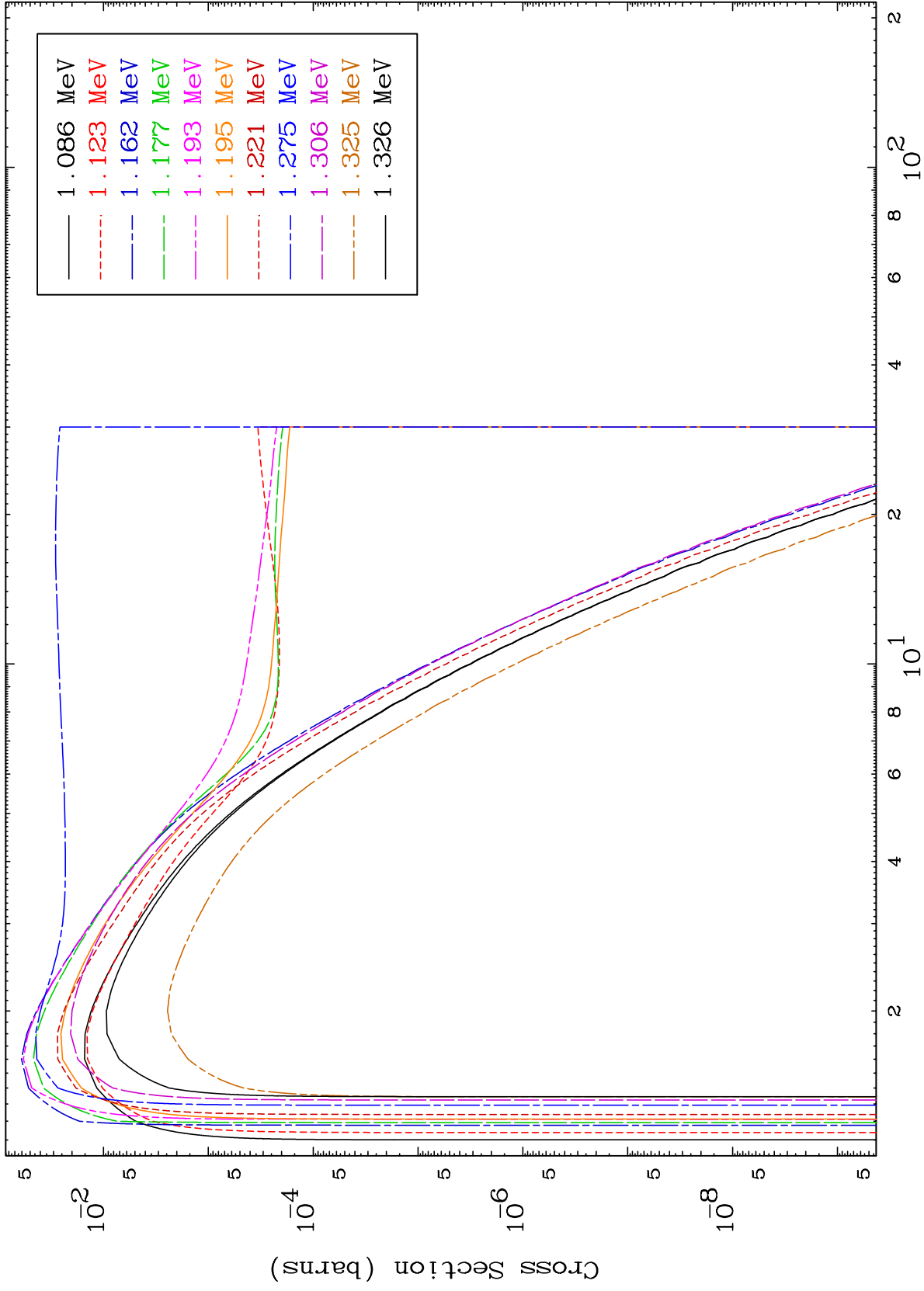
31-Ga-74



MAT 3140

(n,n') Level
293 Kelvin Cross Sections

31-Ga-74



8

Incident Energy (MeV)

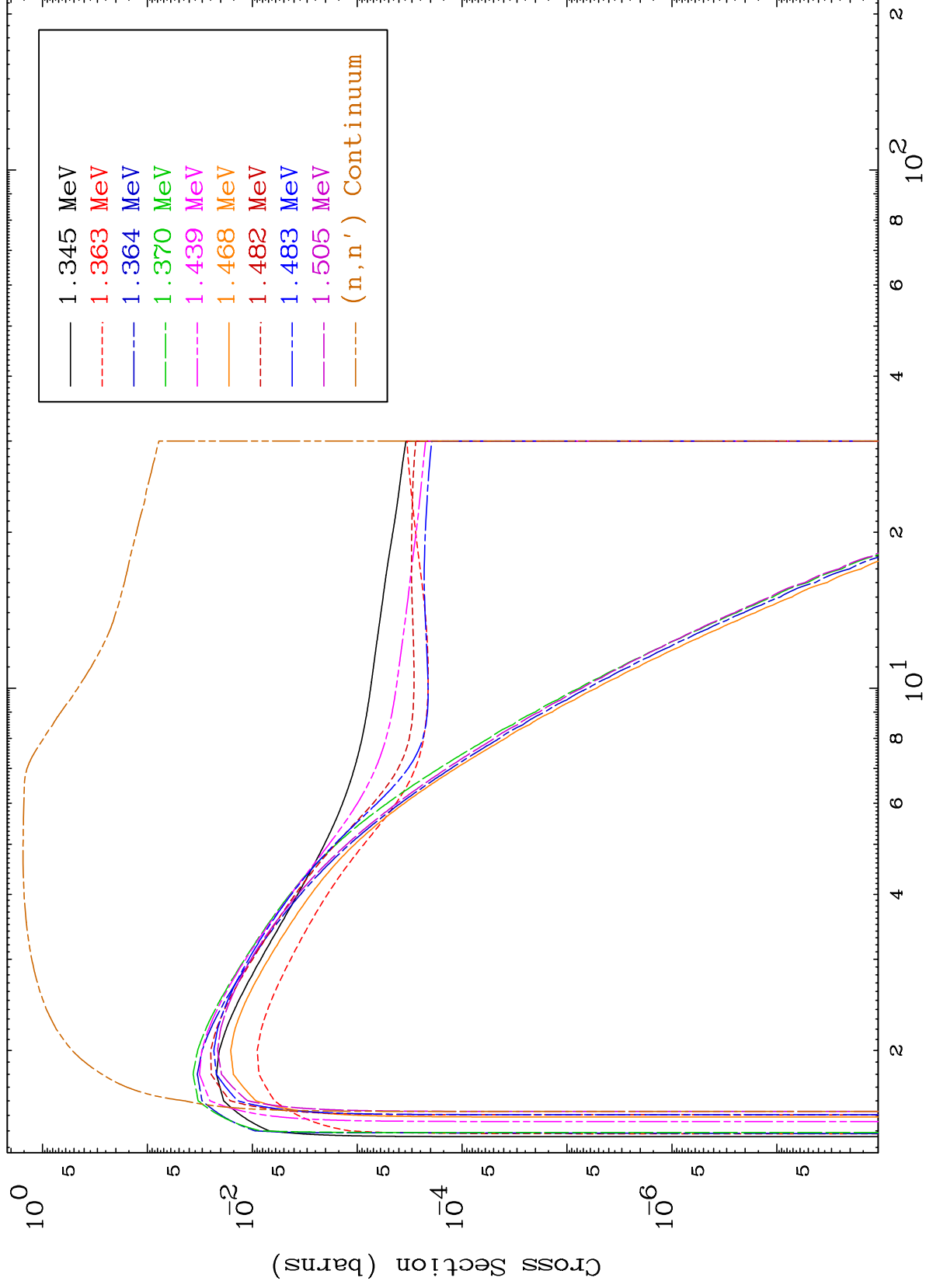
31-Ga-74

MAT 3140

(n,n') Level

31-Ga-74

293 Kelvin Cross Sections



9

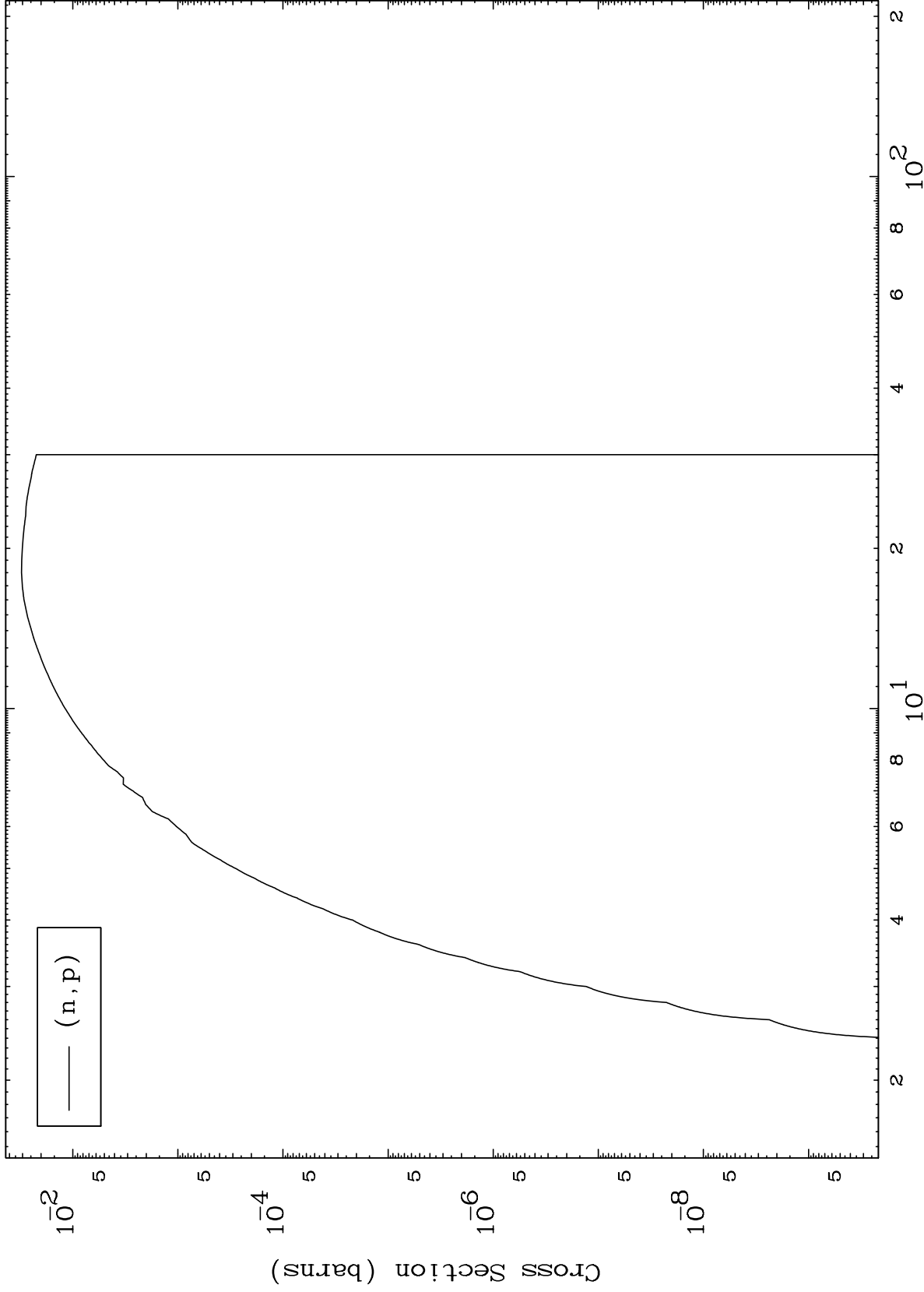
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-74



10

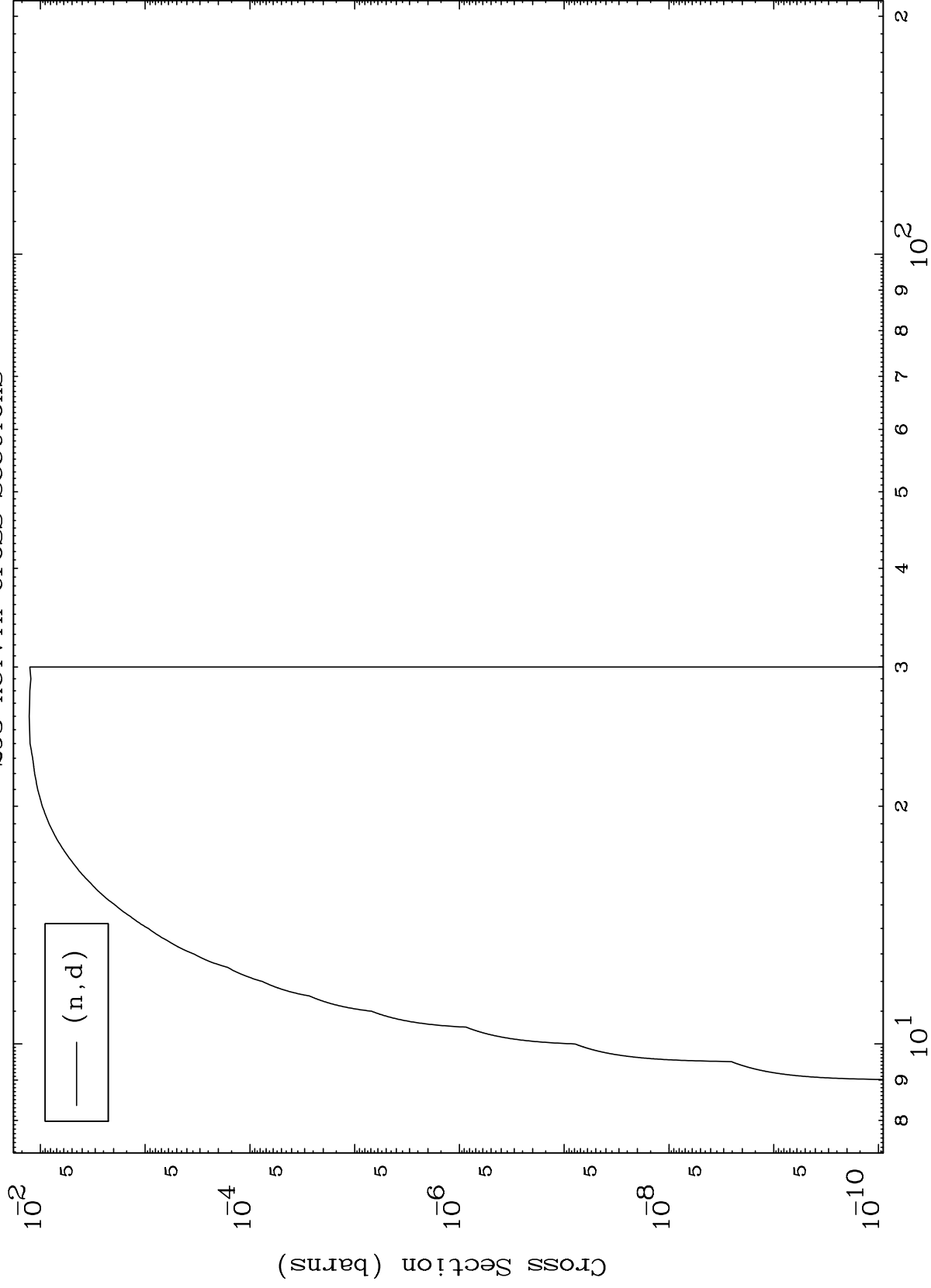
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-74



11

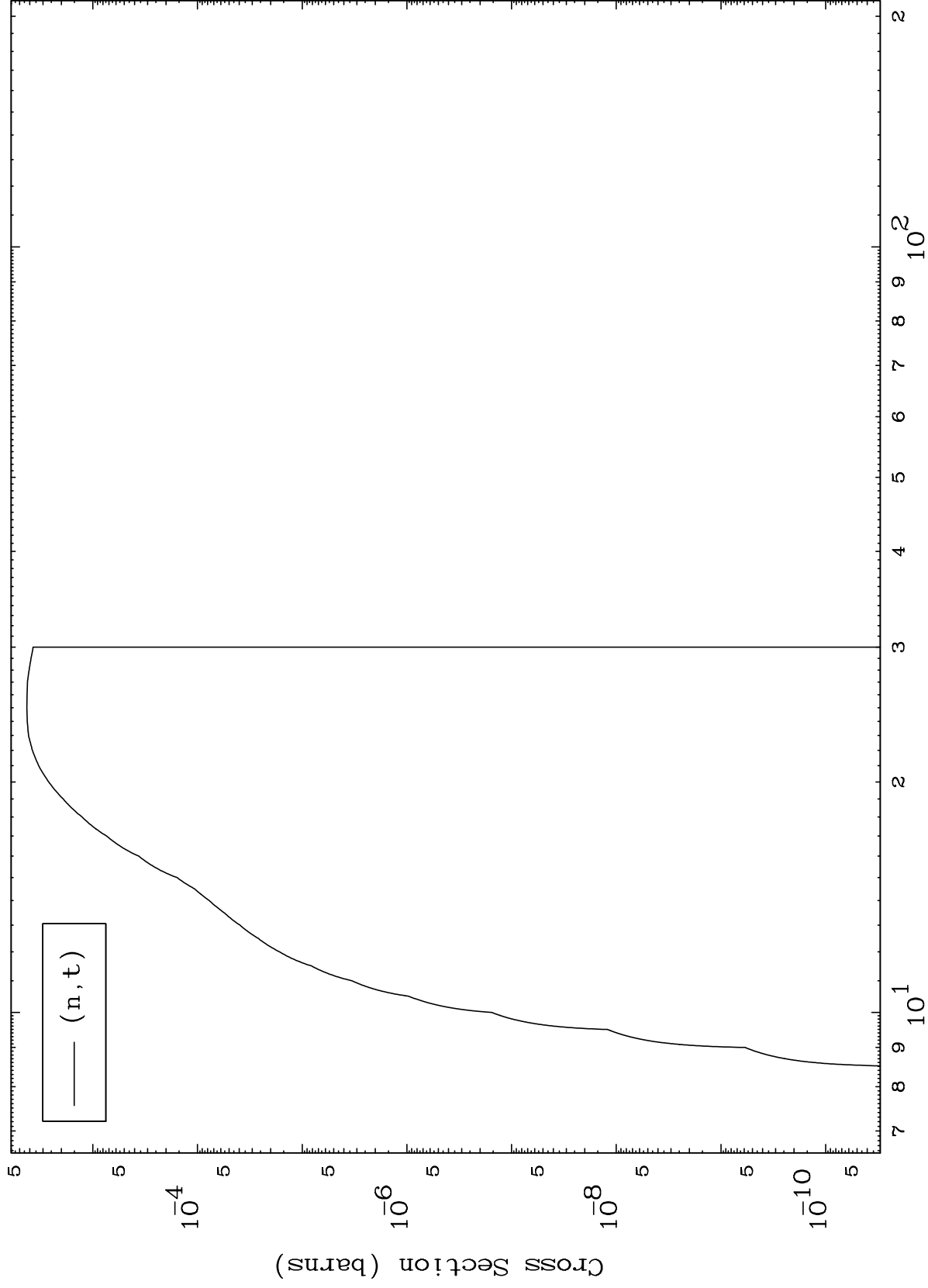
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-74



12

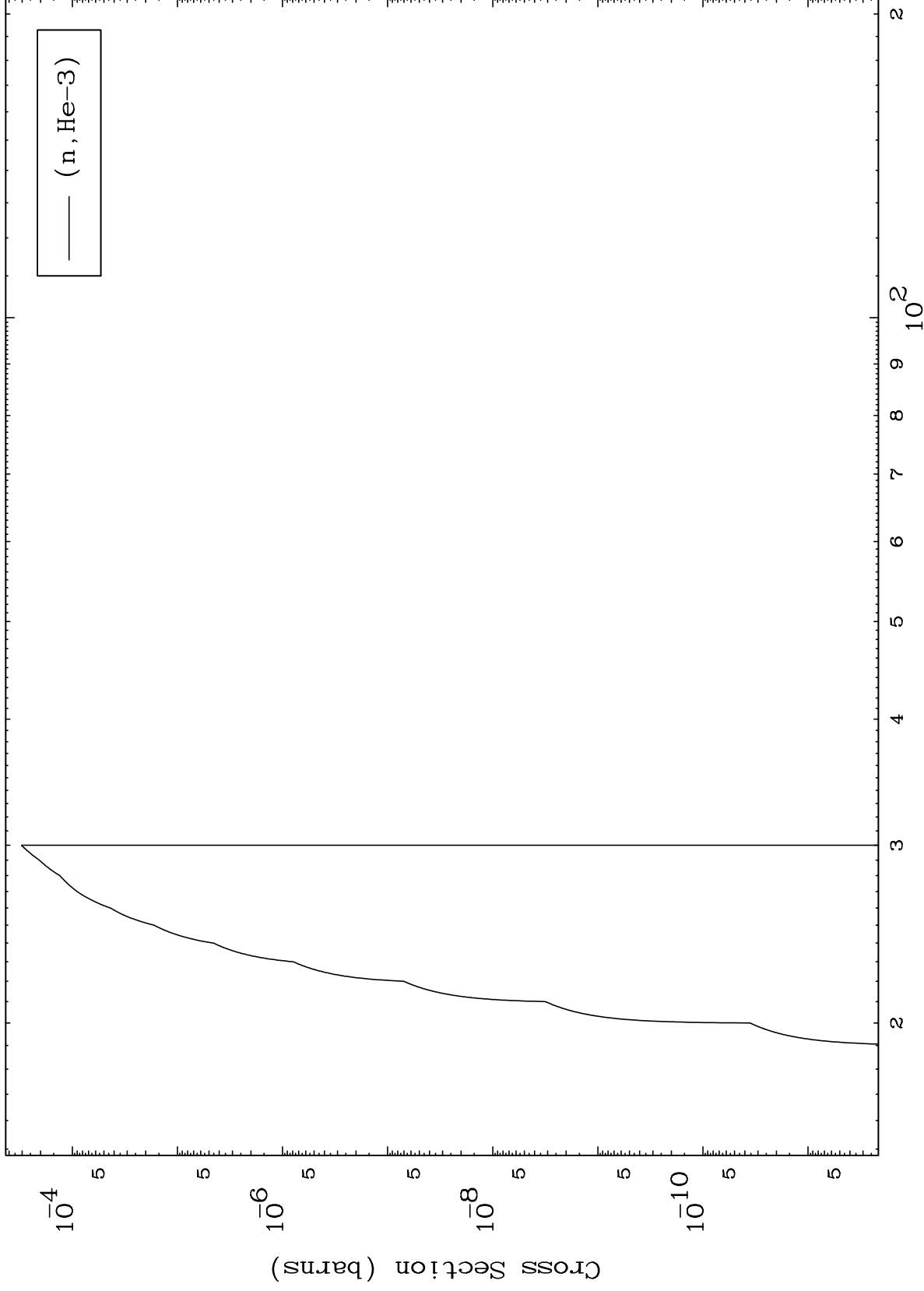
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-74



13

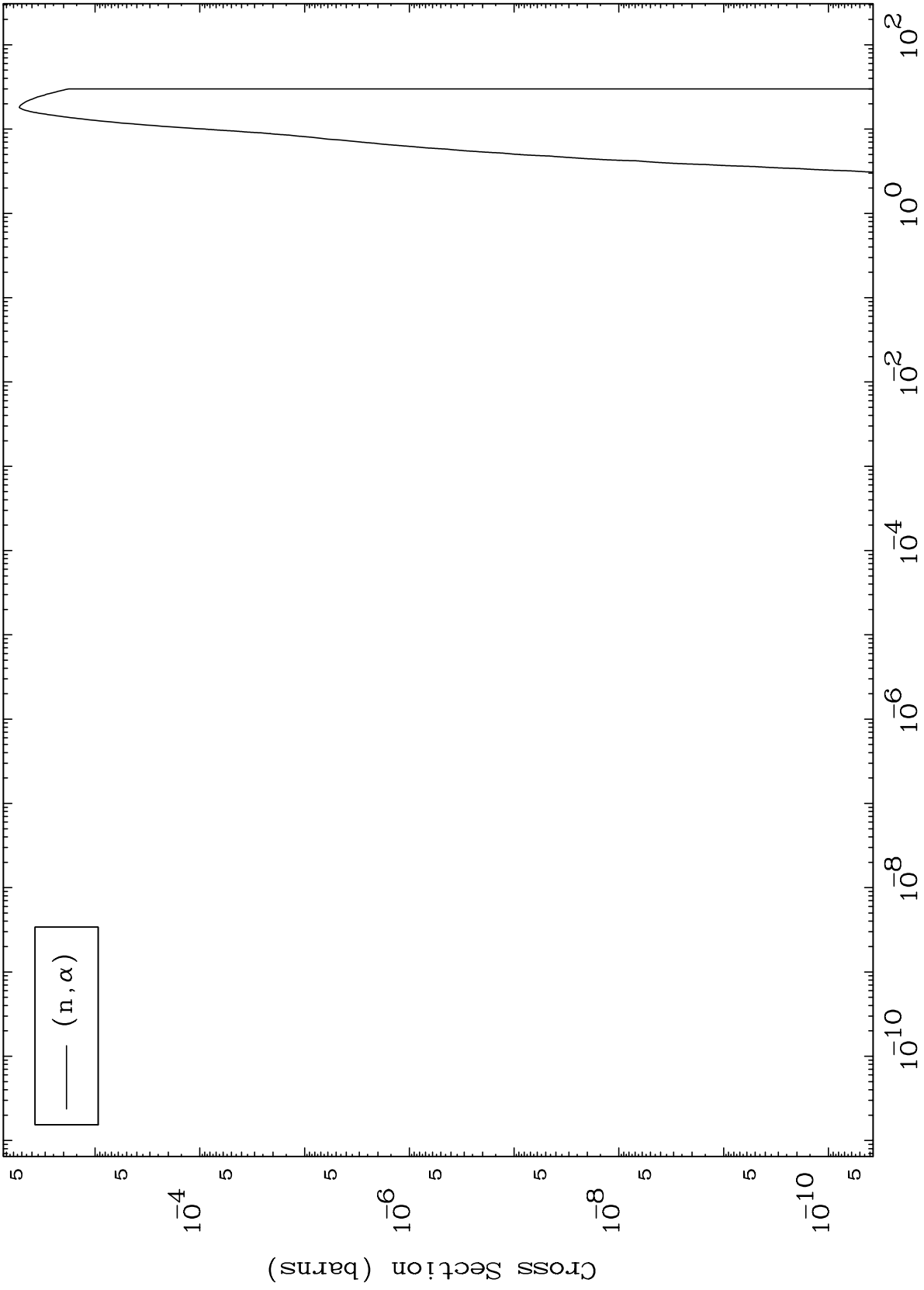
Incident Energy (MeV)

31-Ga-74

MAT 3140

(n, α) Levels
293 Kelvin Cross Sections

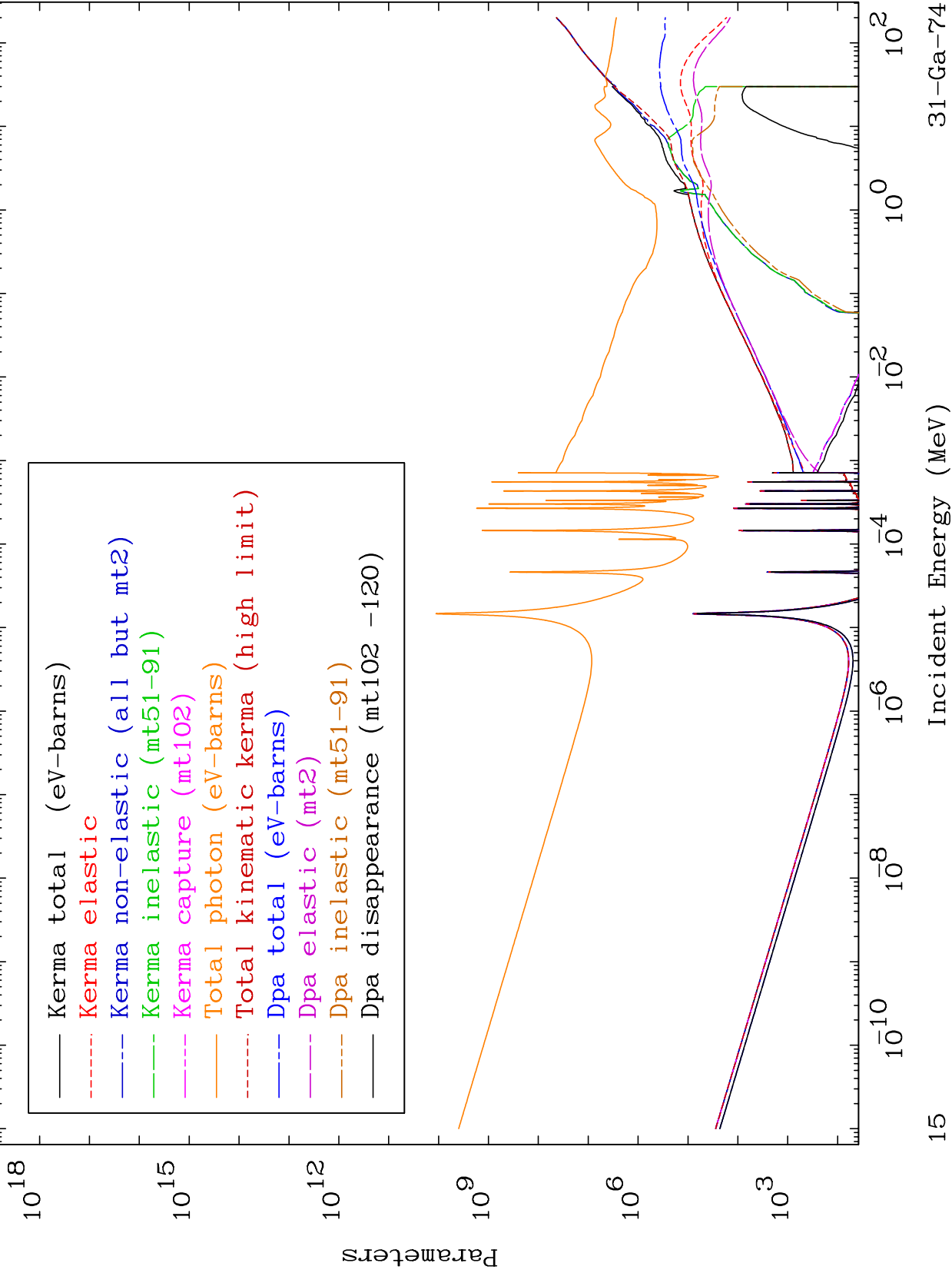
31-Ga-74



14

Incident Energy (MeV)

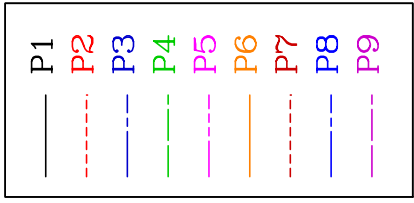
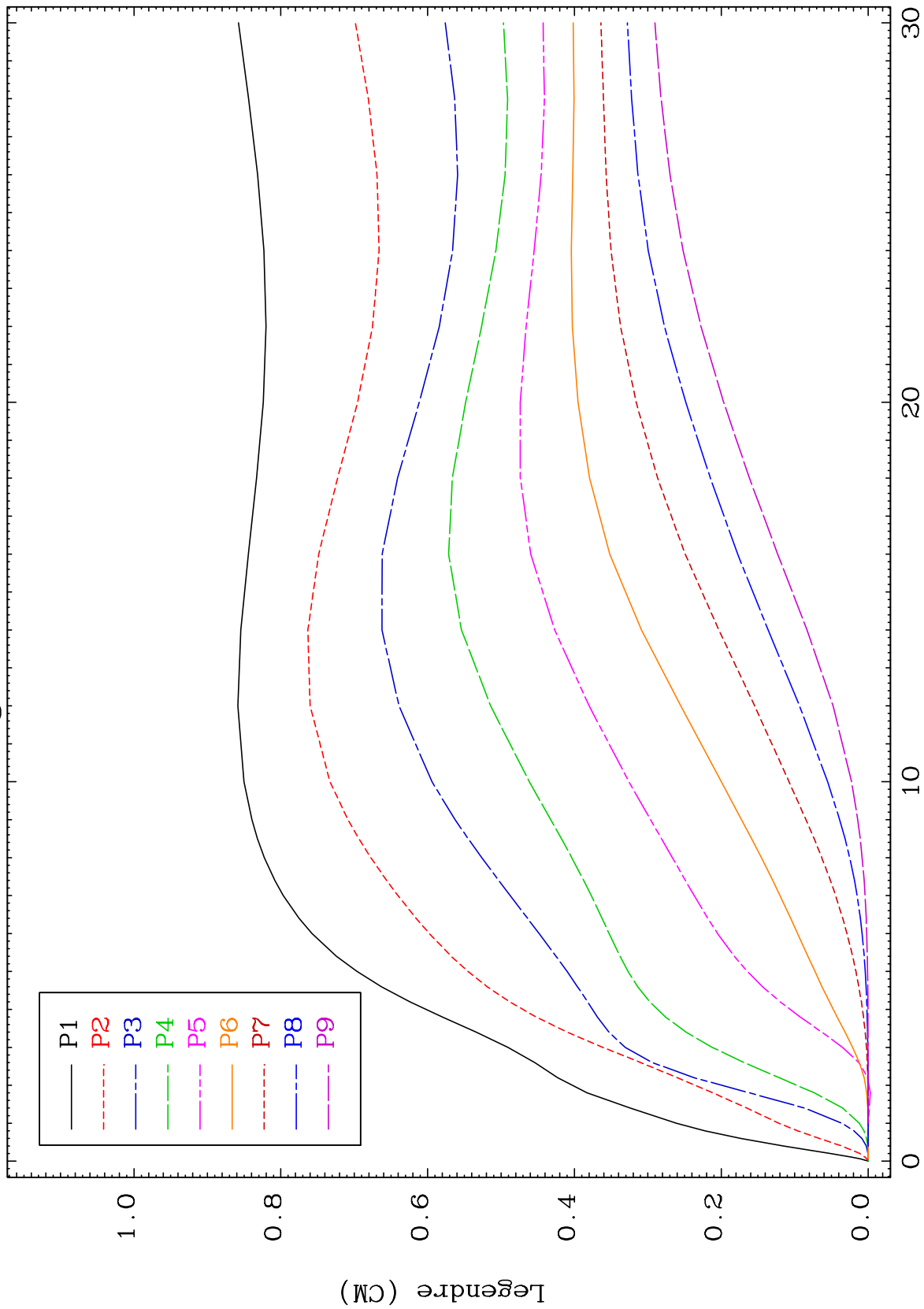
31-Ga-74



MAT 3140

Elastic Legendre Coefficients

³¹Ga-74



16

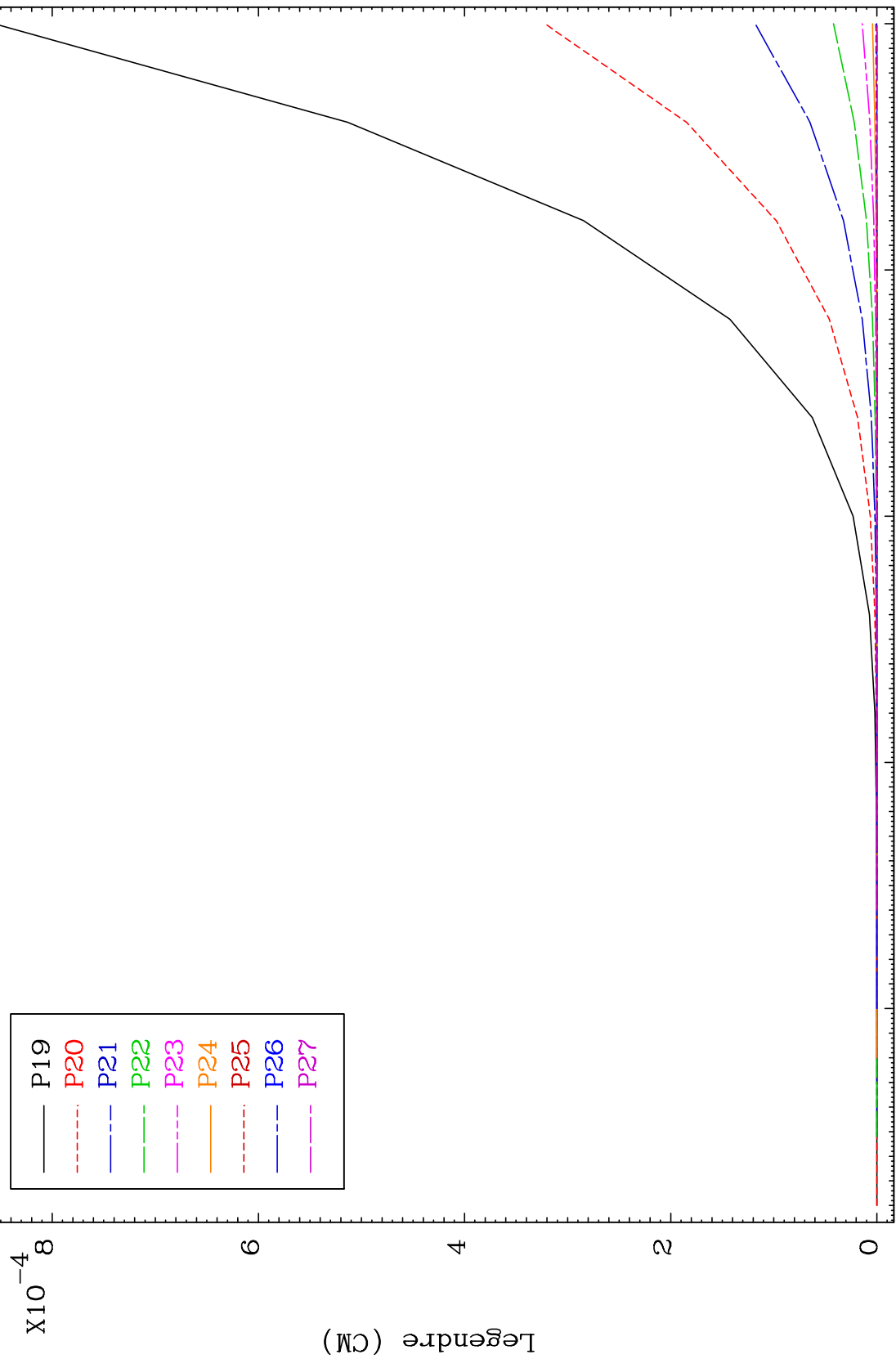
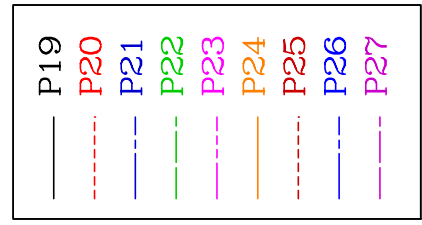
Incident Energy (MeV)

³¹Ga-74

MAT 3140

Elastic Legendre Coefficients

31-Ga-74



18

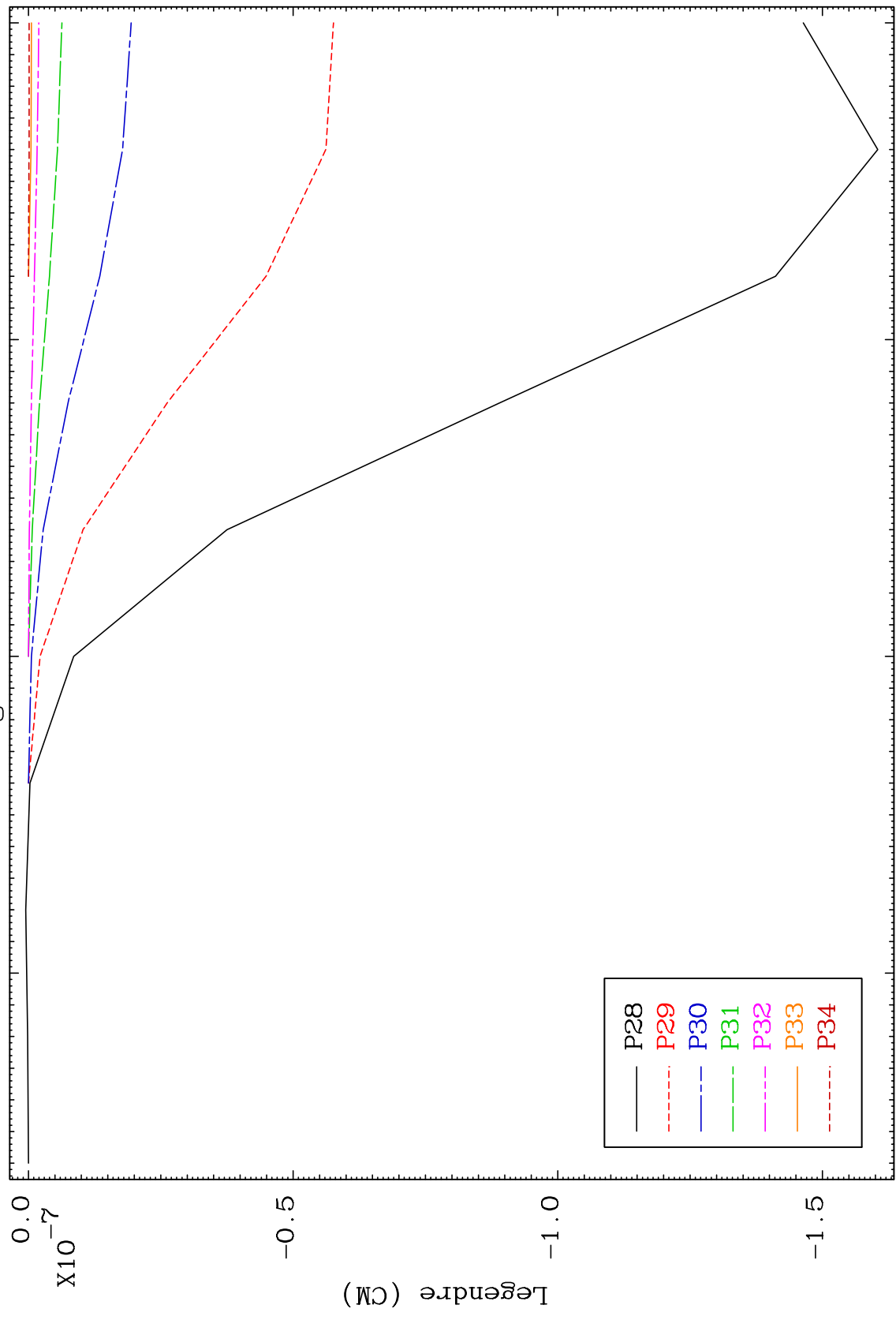
Incident Energy (MeV)

31-Ga-74

MAT 3140

31-Ga-74

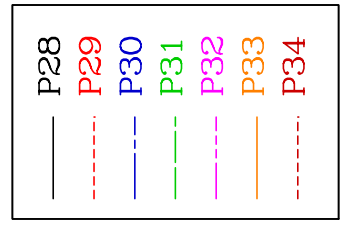
Elastic Legendre Coefficients



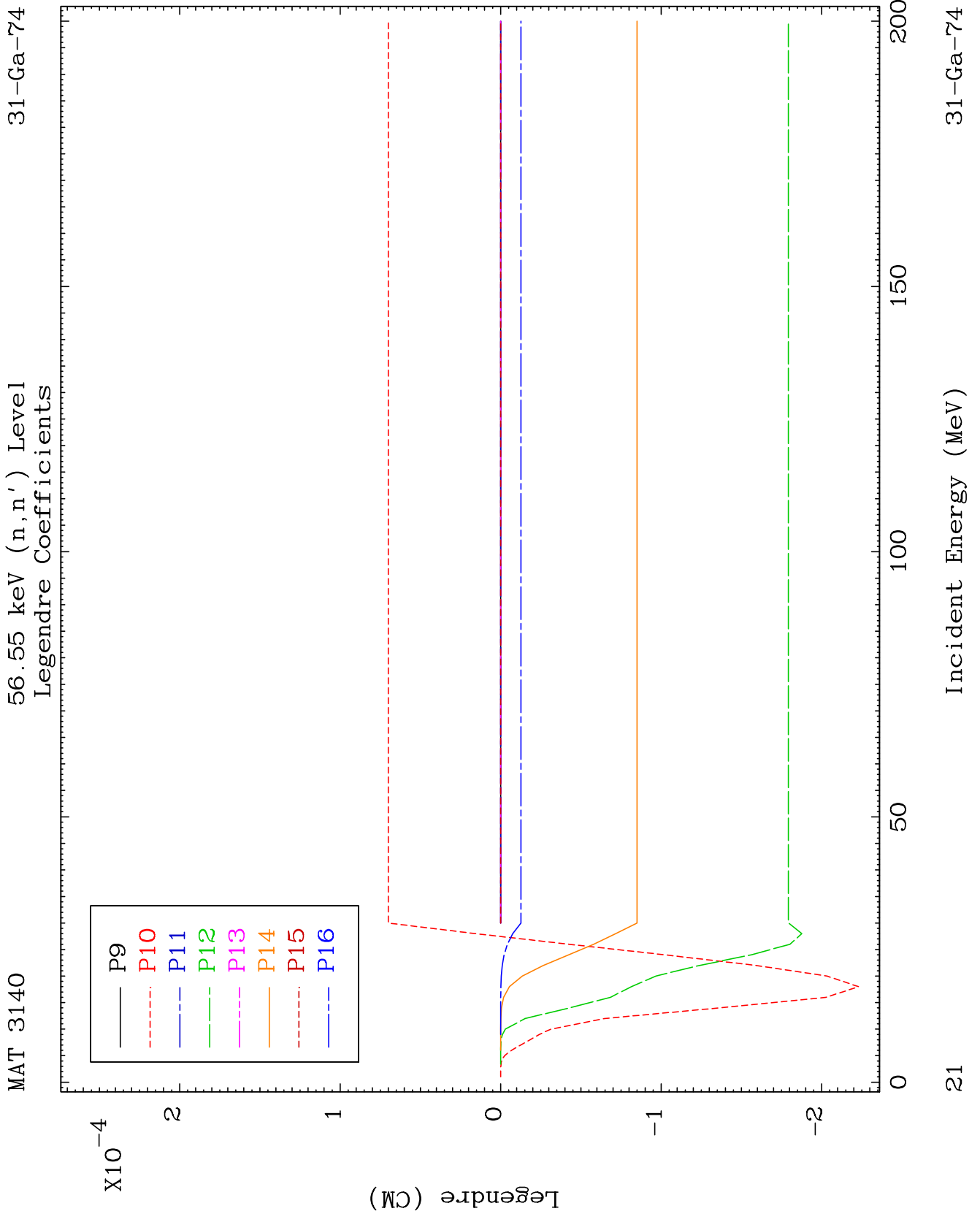
Legendre (CM)
X10⁻⁷

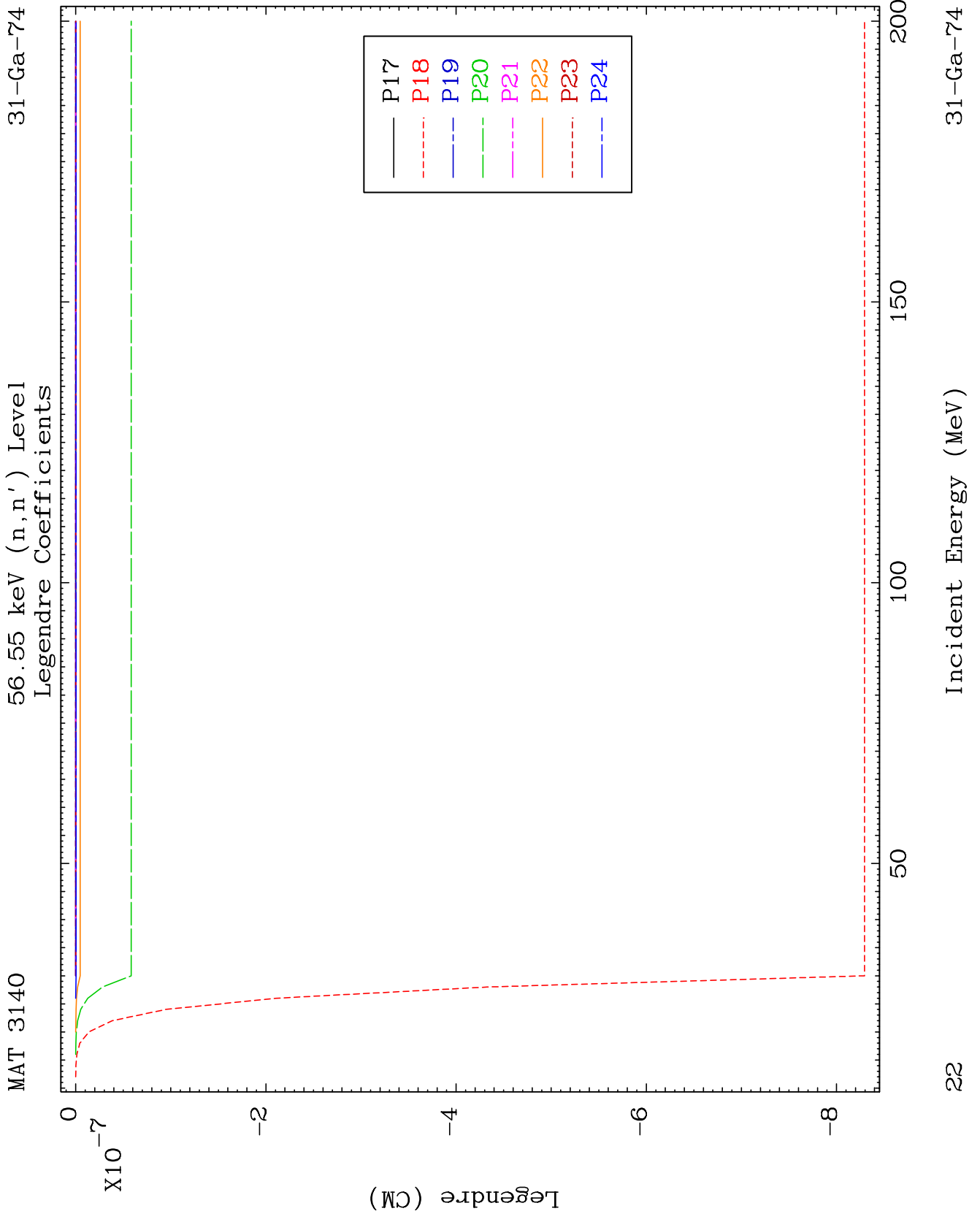
Incident Energy (MeV)

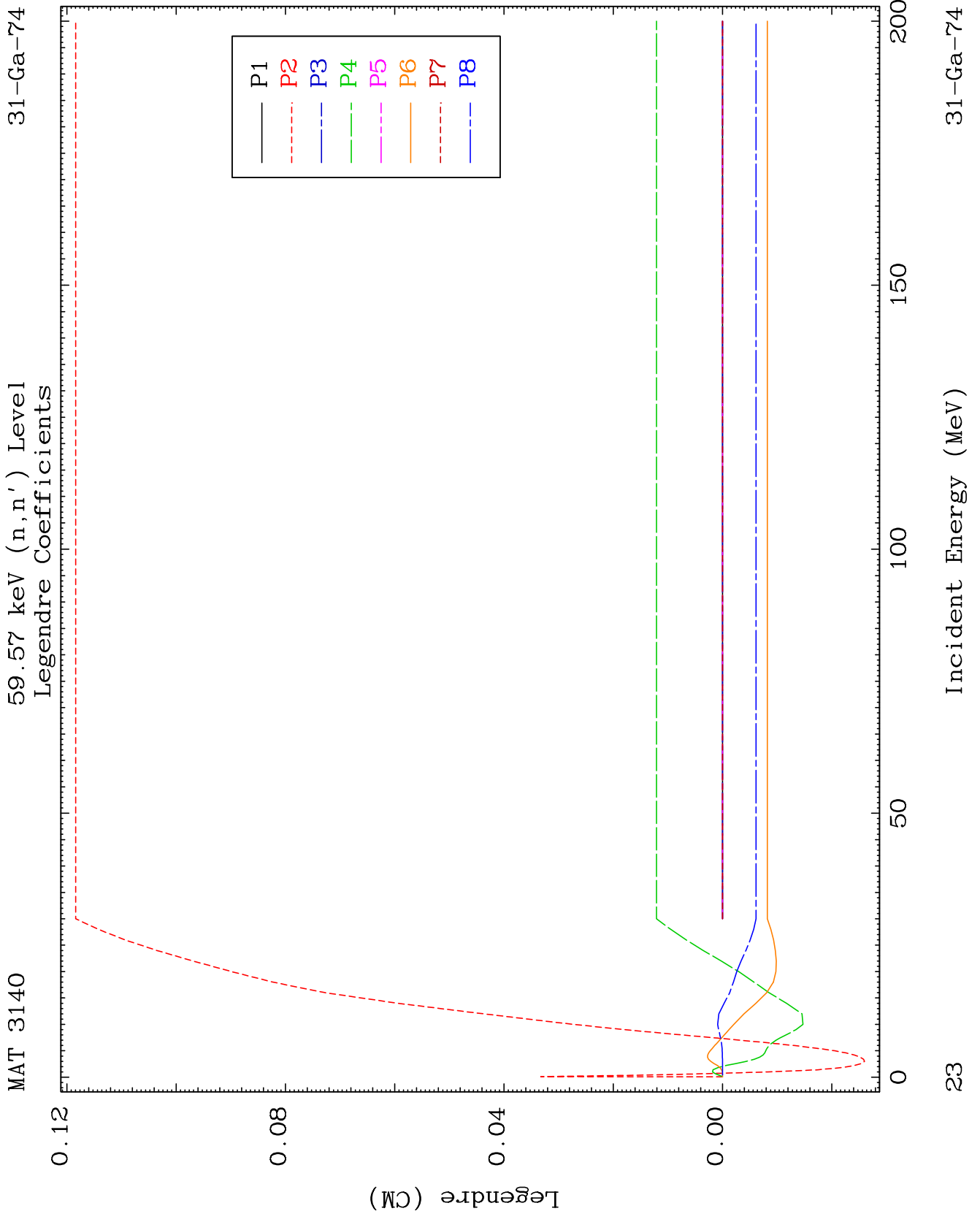
31-Ga-74

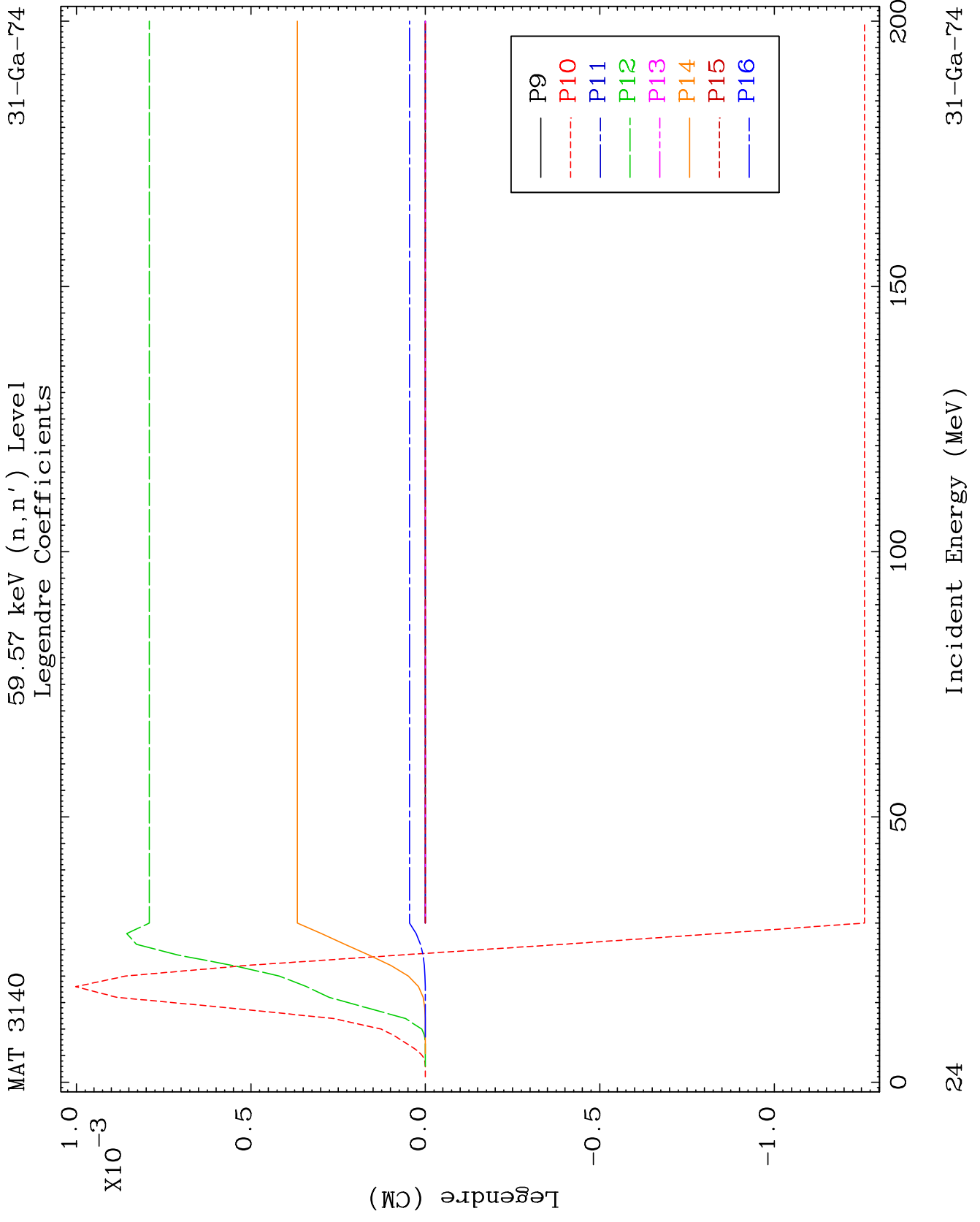


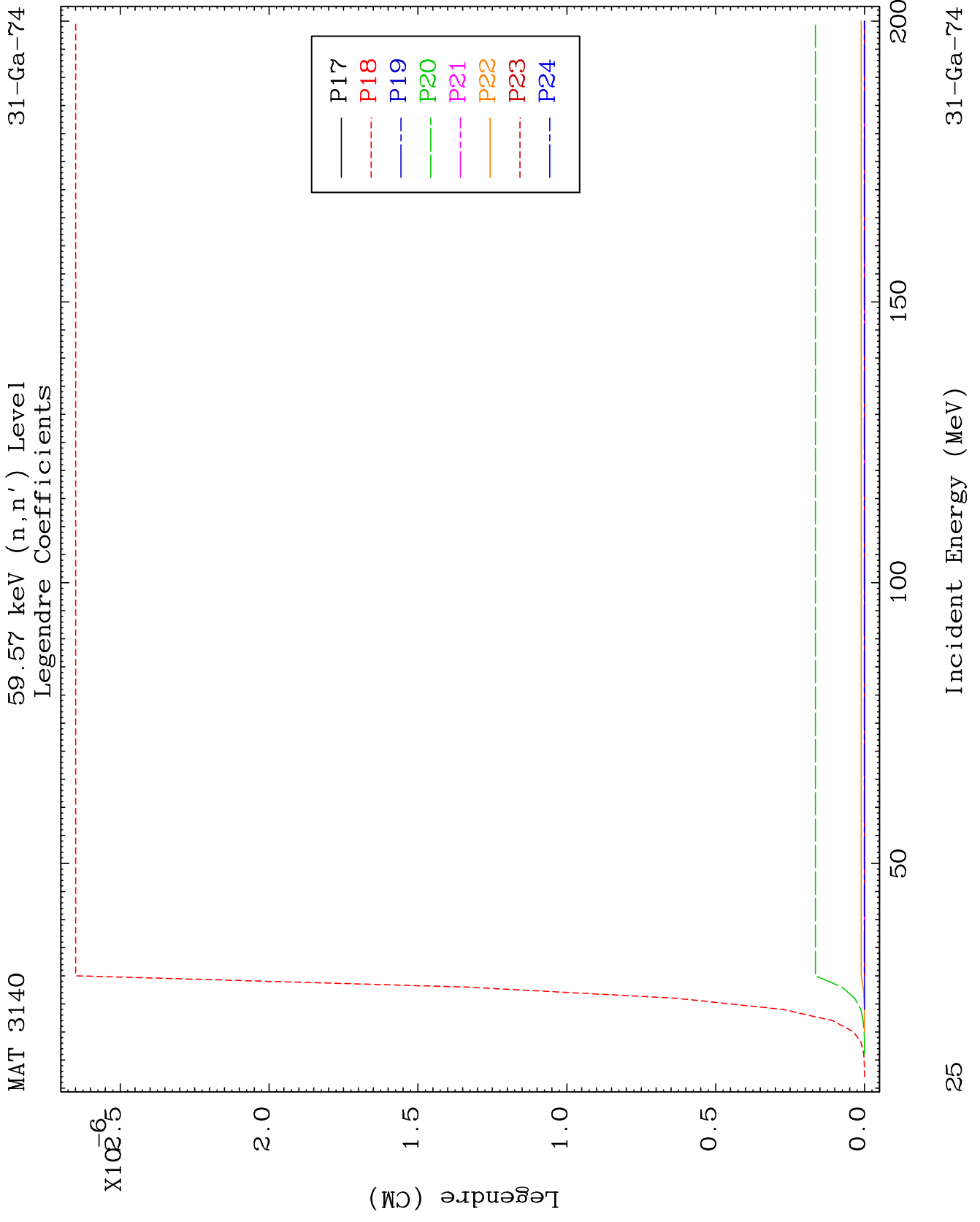
19







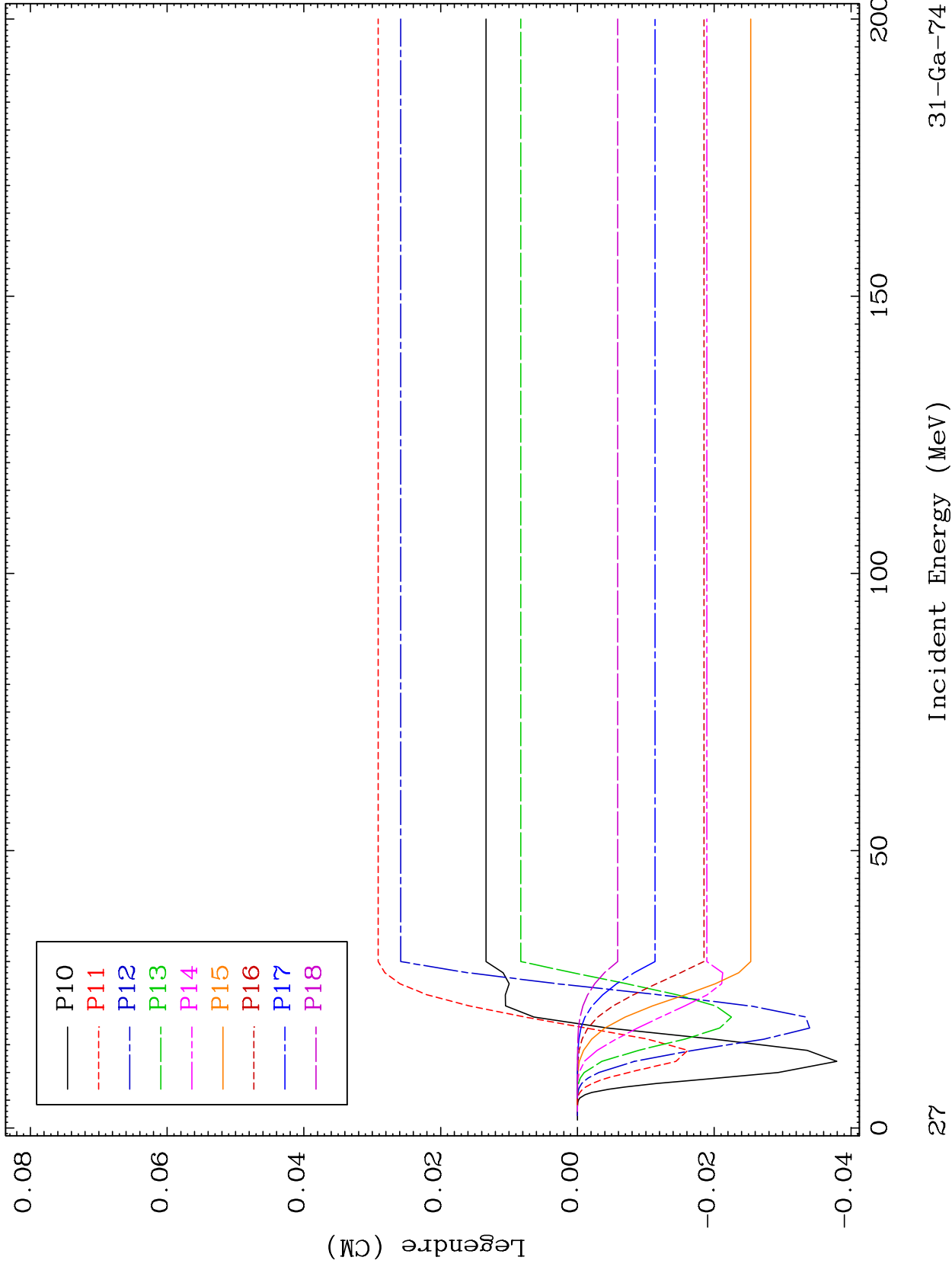




MAT 3140

102.3 keV (n,n') Level
Legendre Coefficients

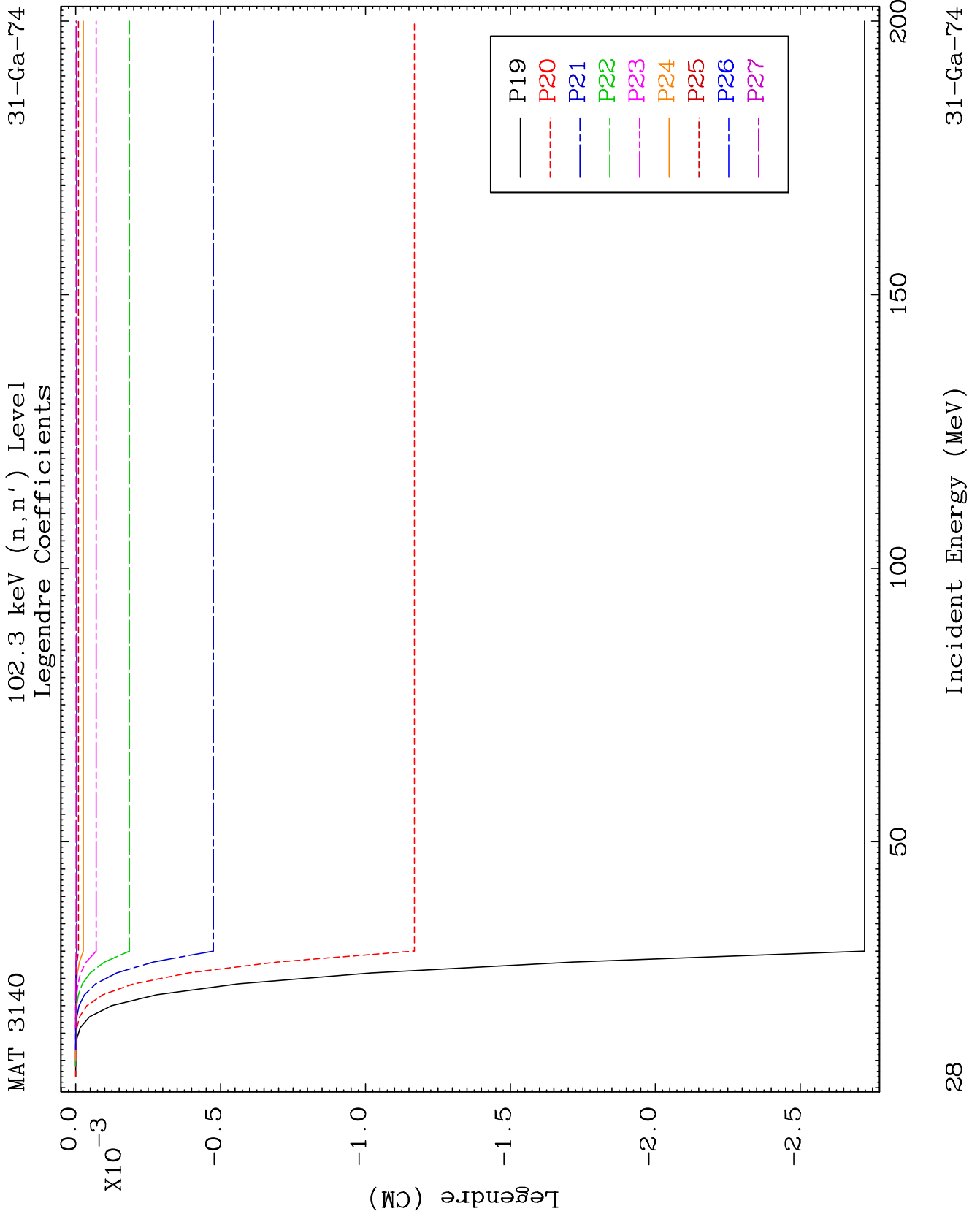
31-Ga-74

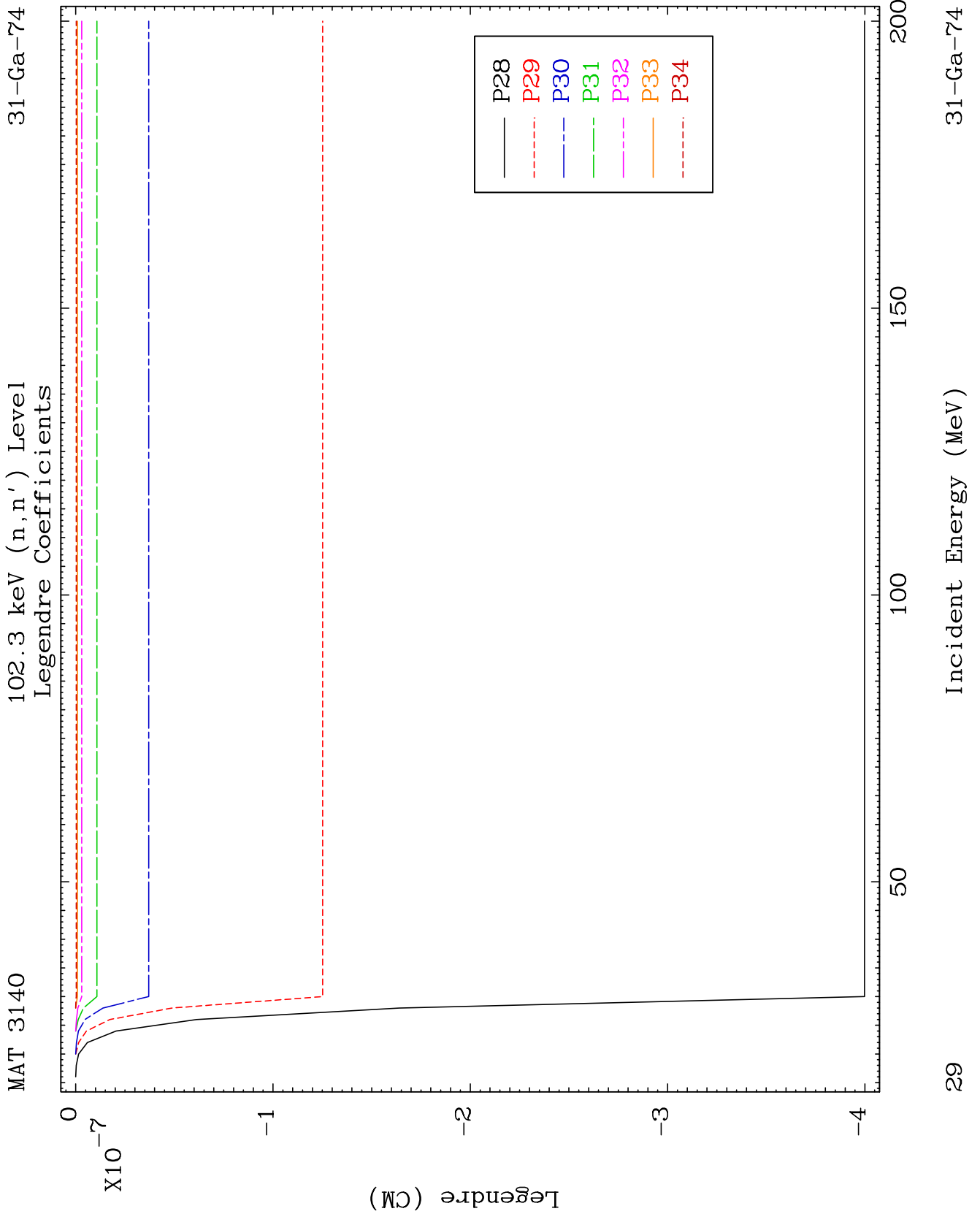


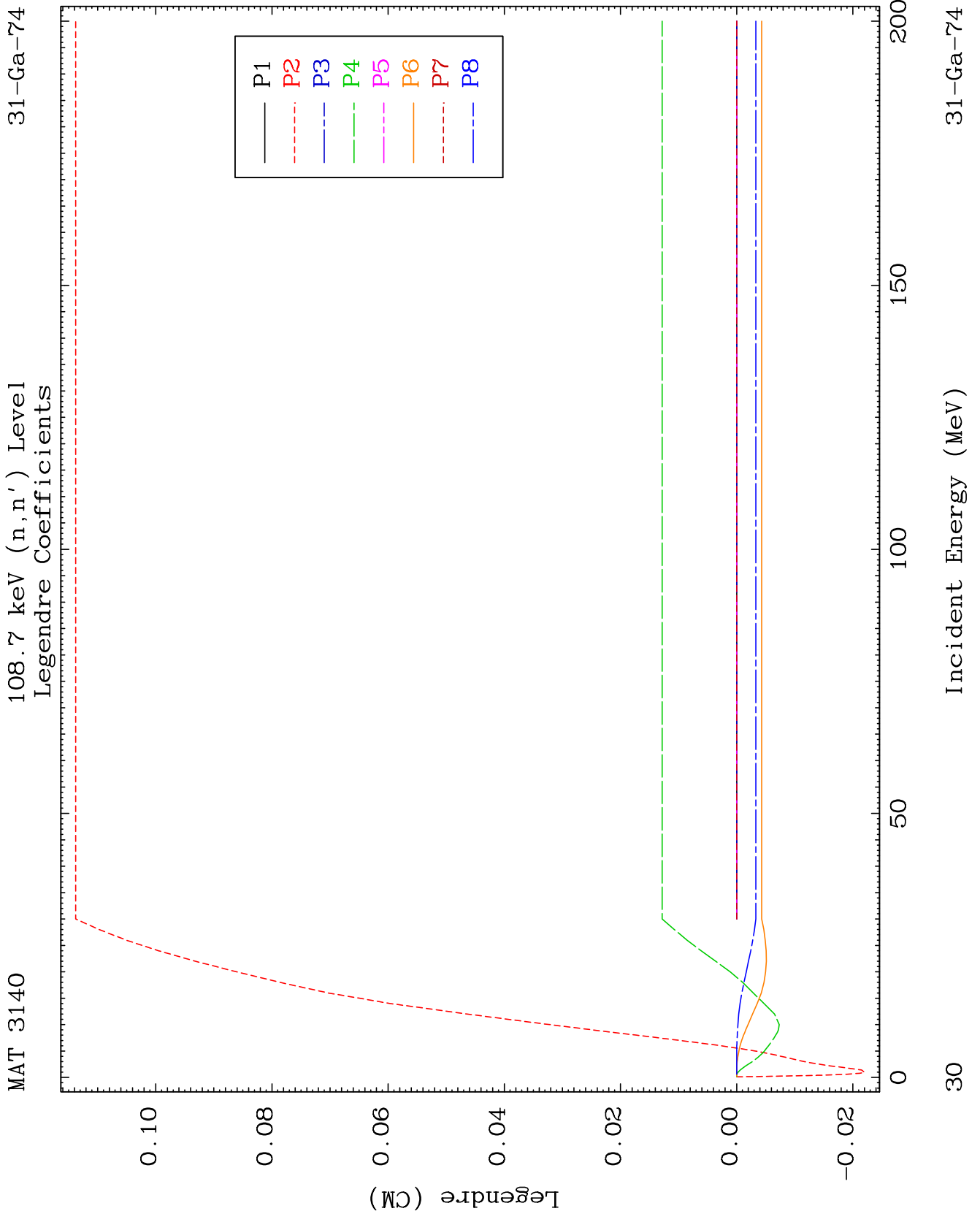
27

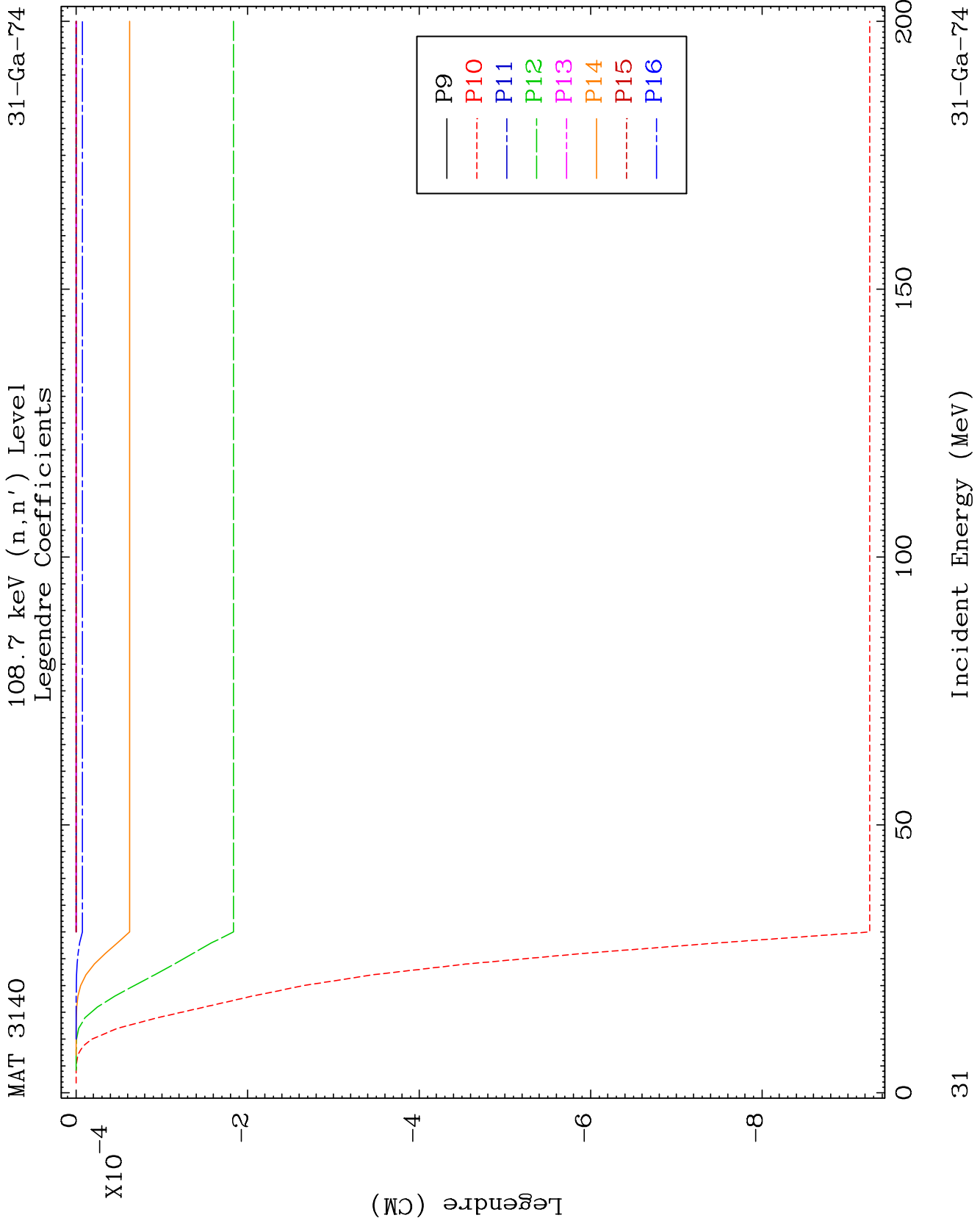
Incident Energy (MeV)

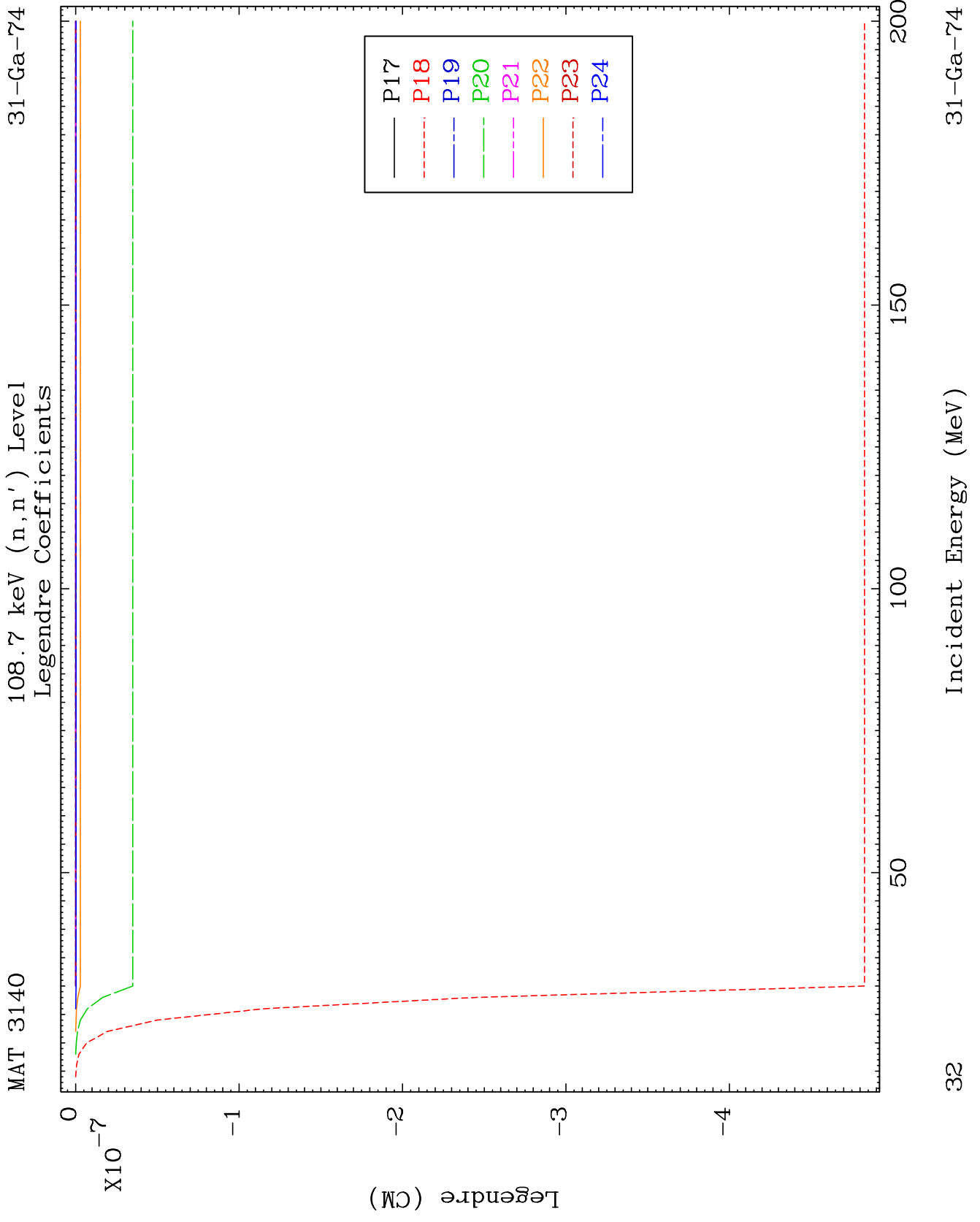
31-Ga-74

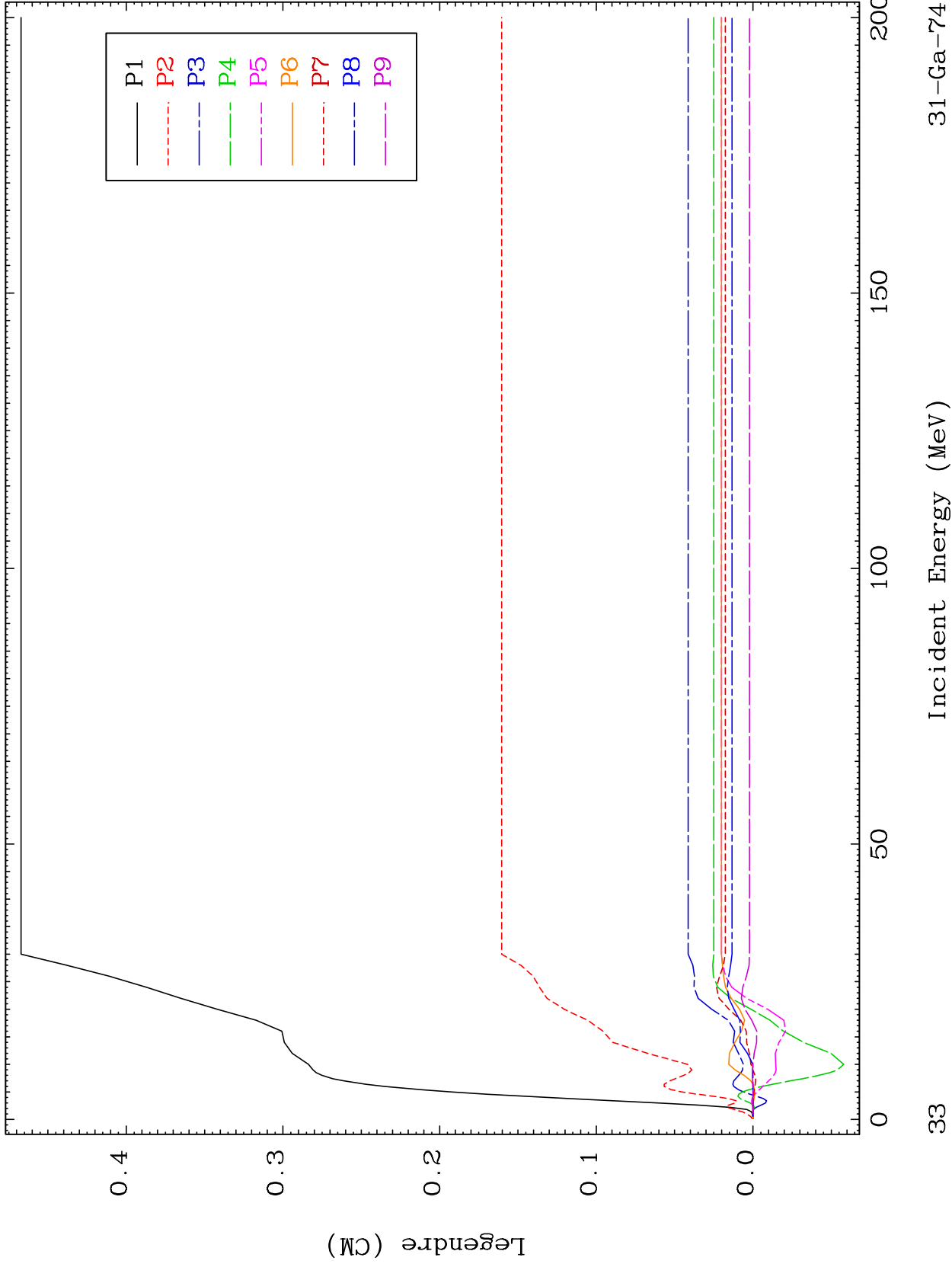








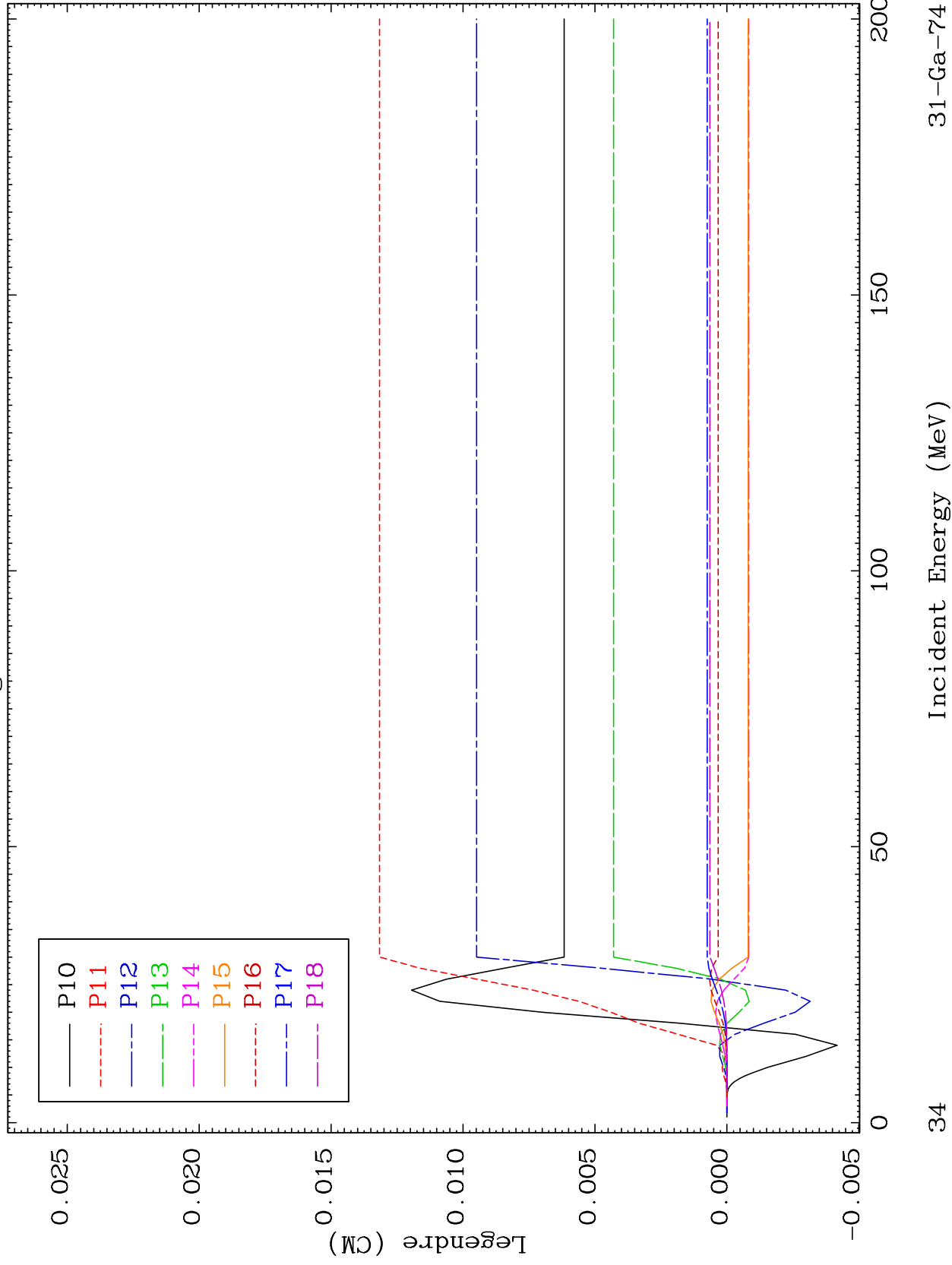




MAT 3140

141.3 keV (n, n') Level
Legendre Coefficients

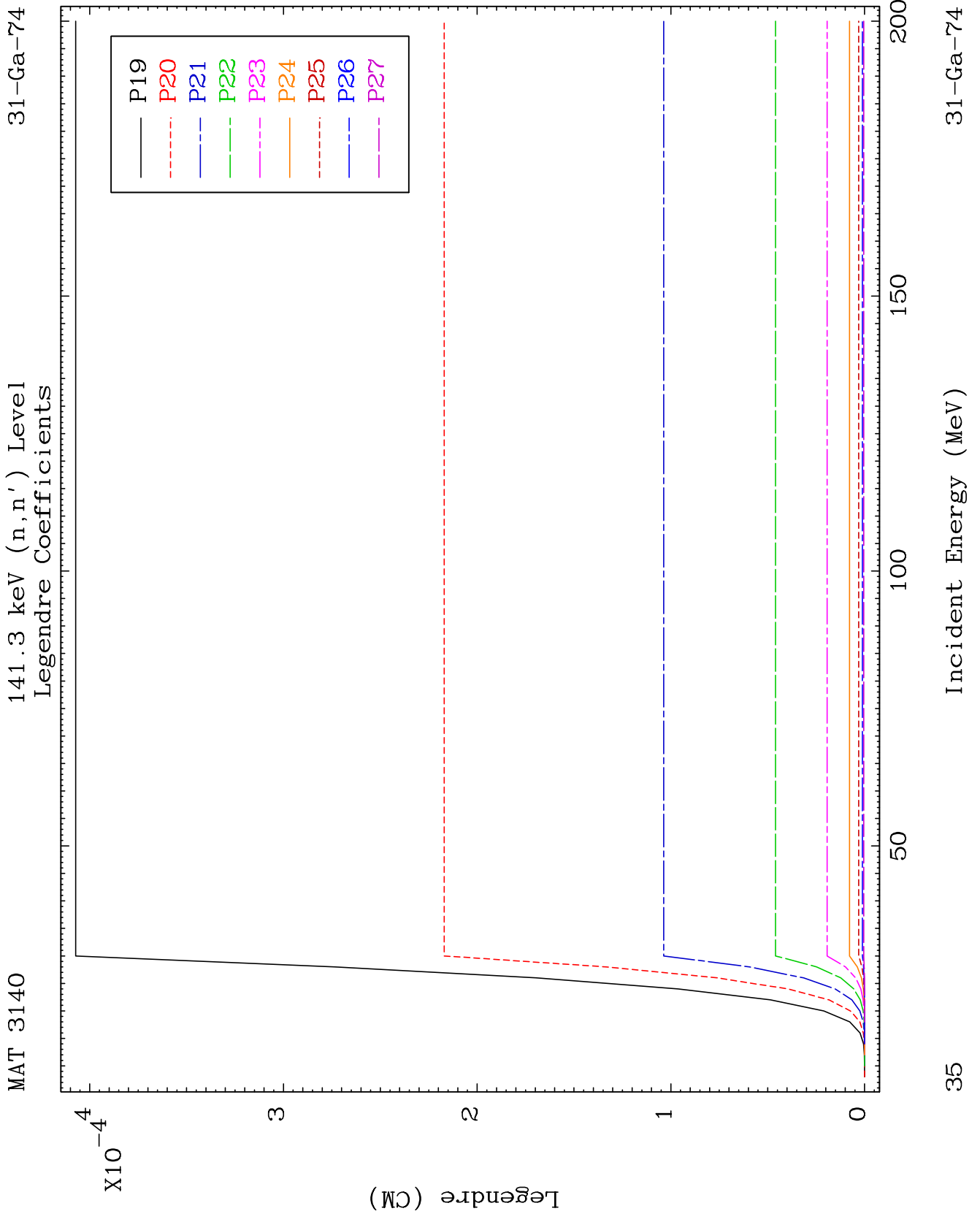
31-Ga-74

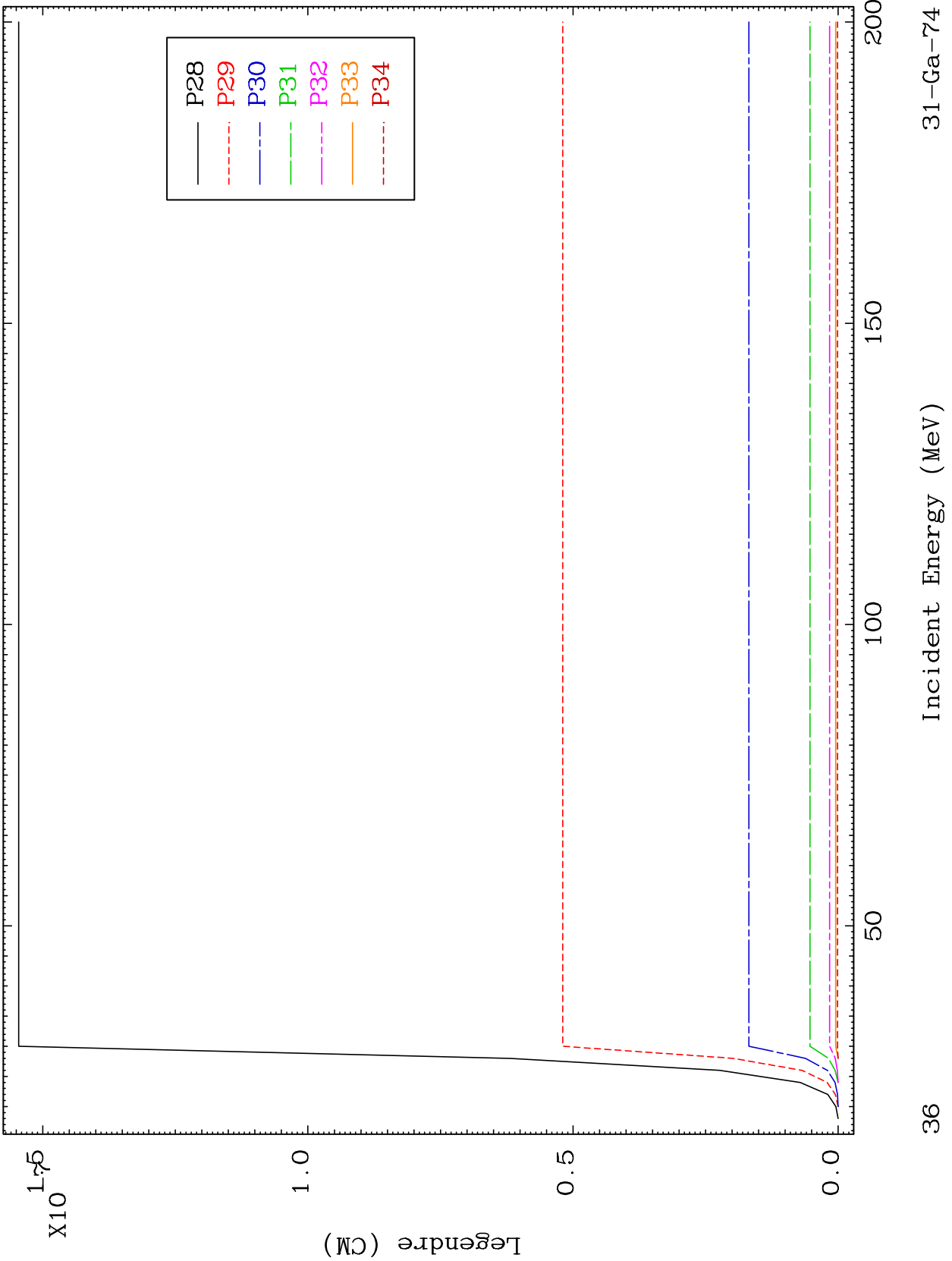


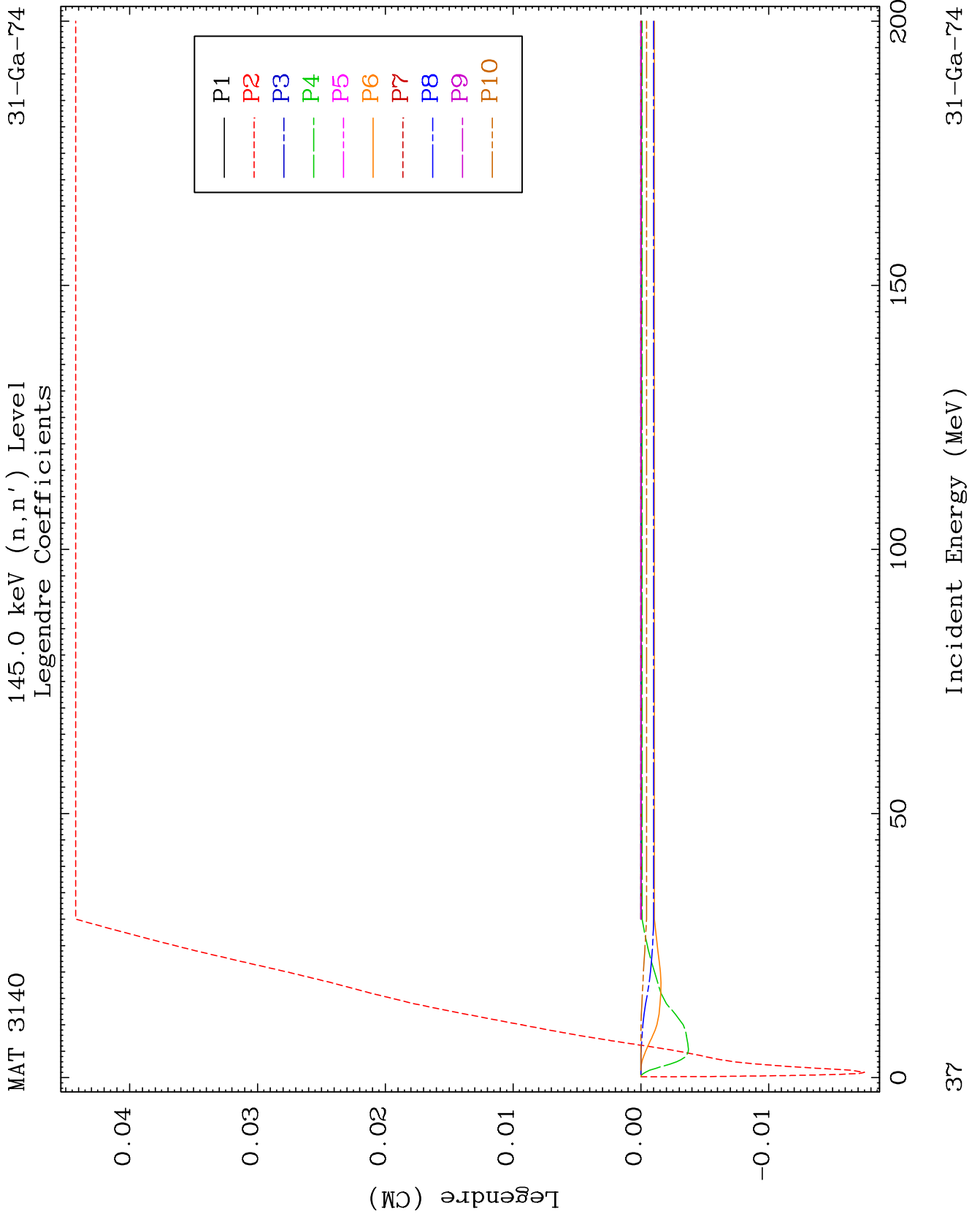
34

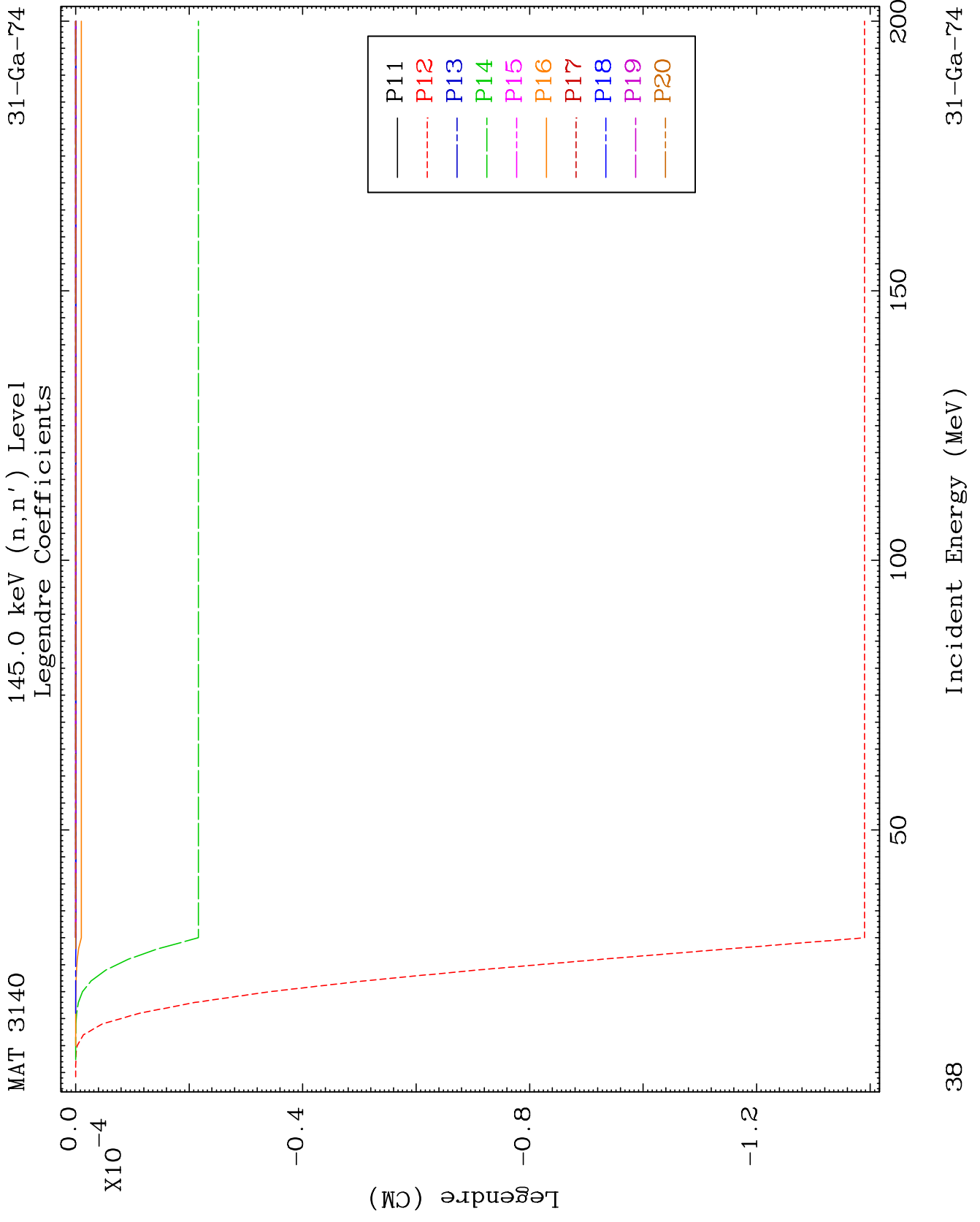
Incident Energy (MeV)

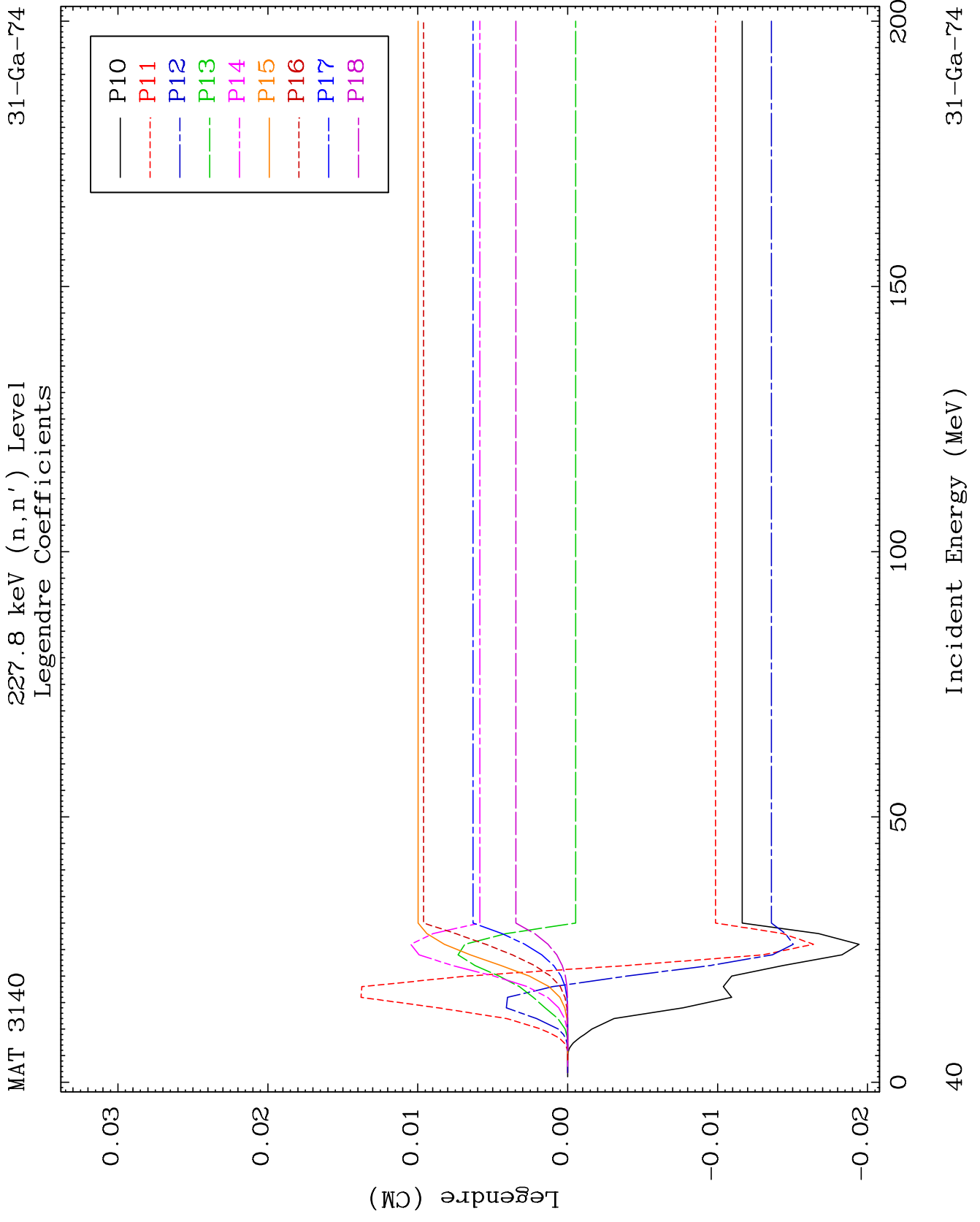
31-Ga-74







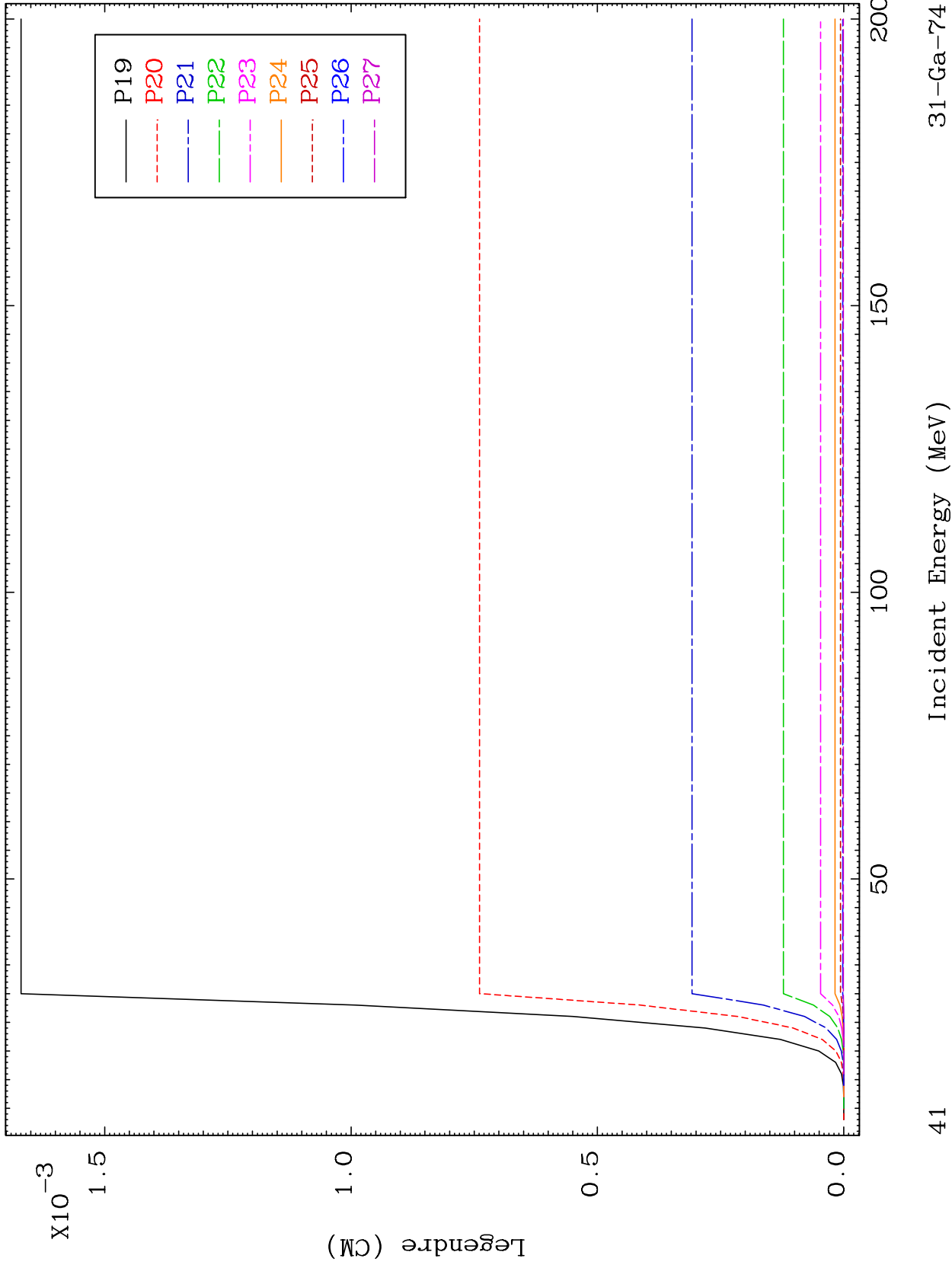




MAT 3140

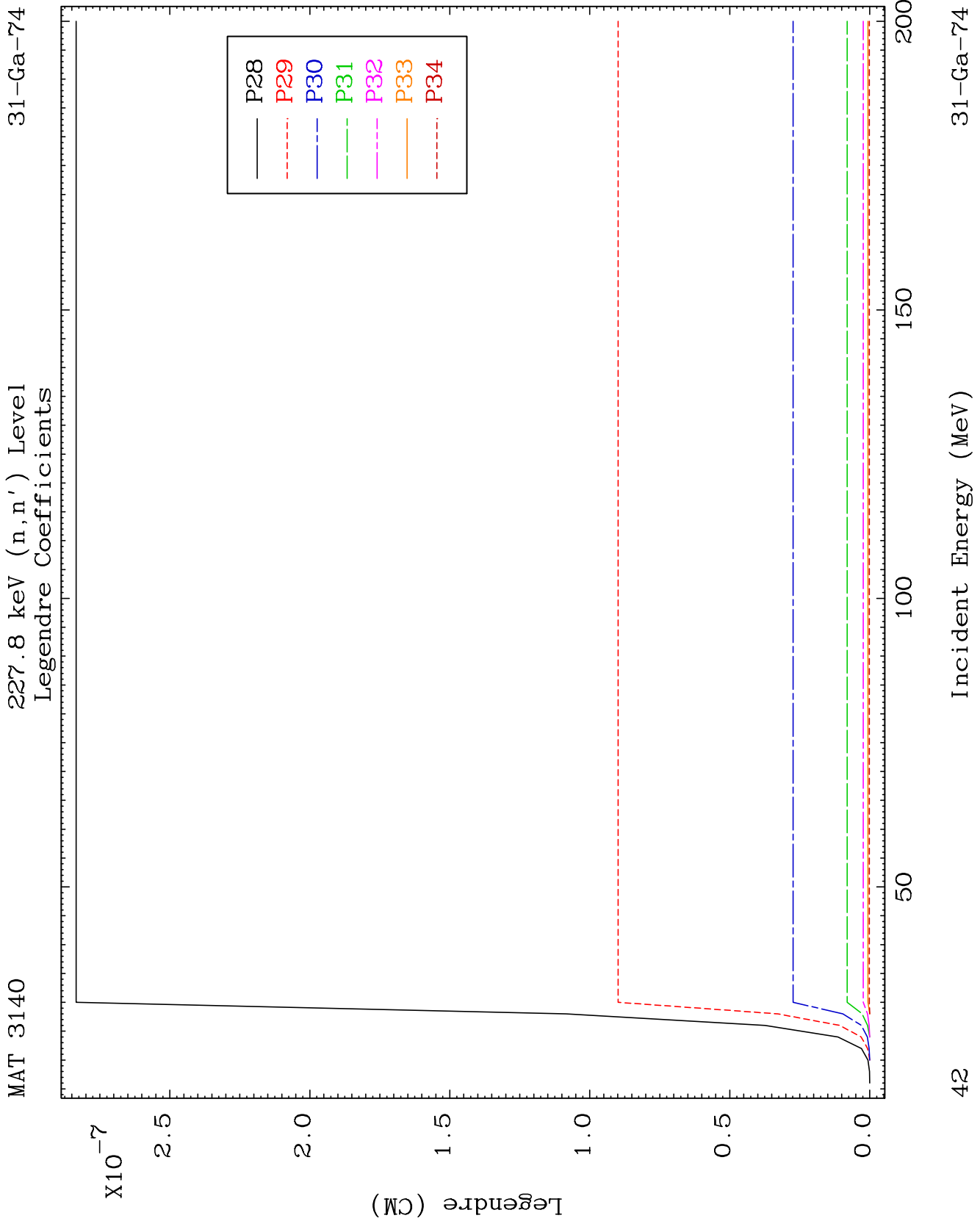
227.8 keV (n,n') Level
Legendre Coefficients

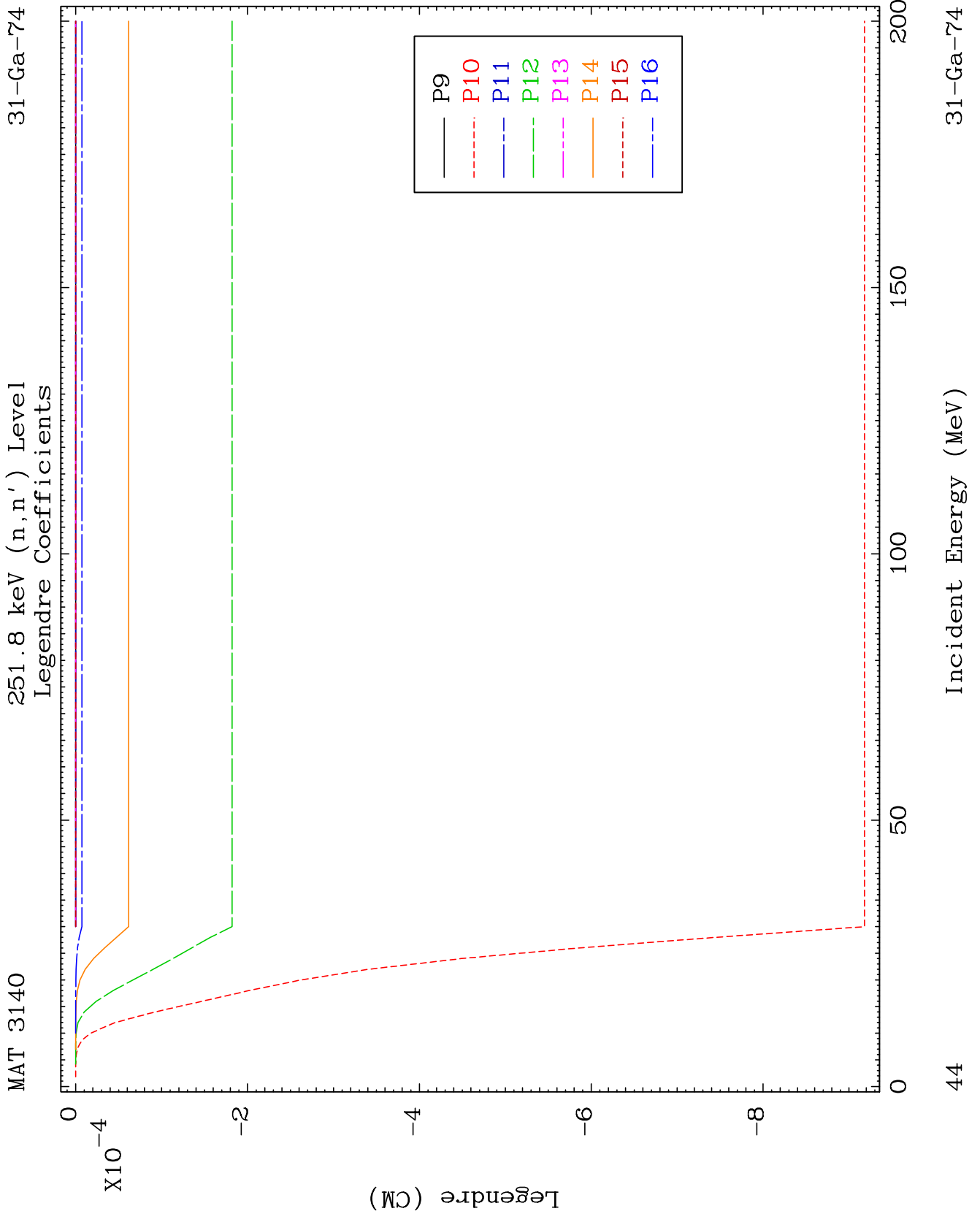
31-Ga-74

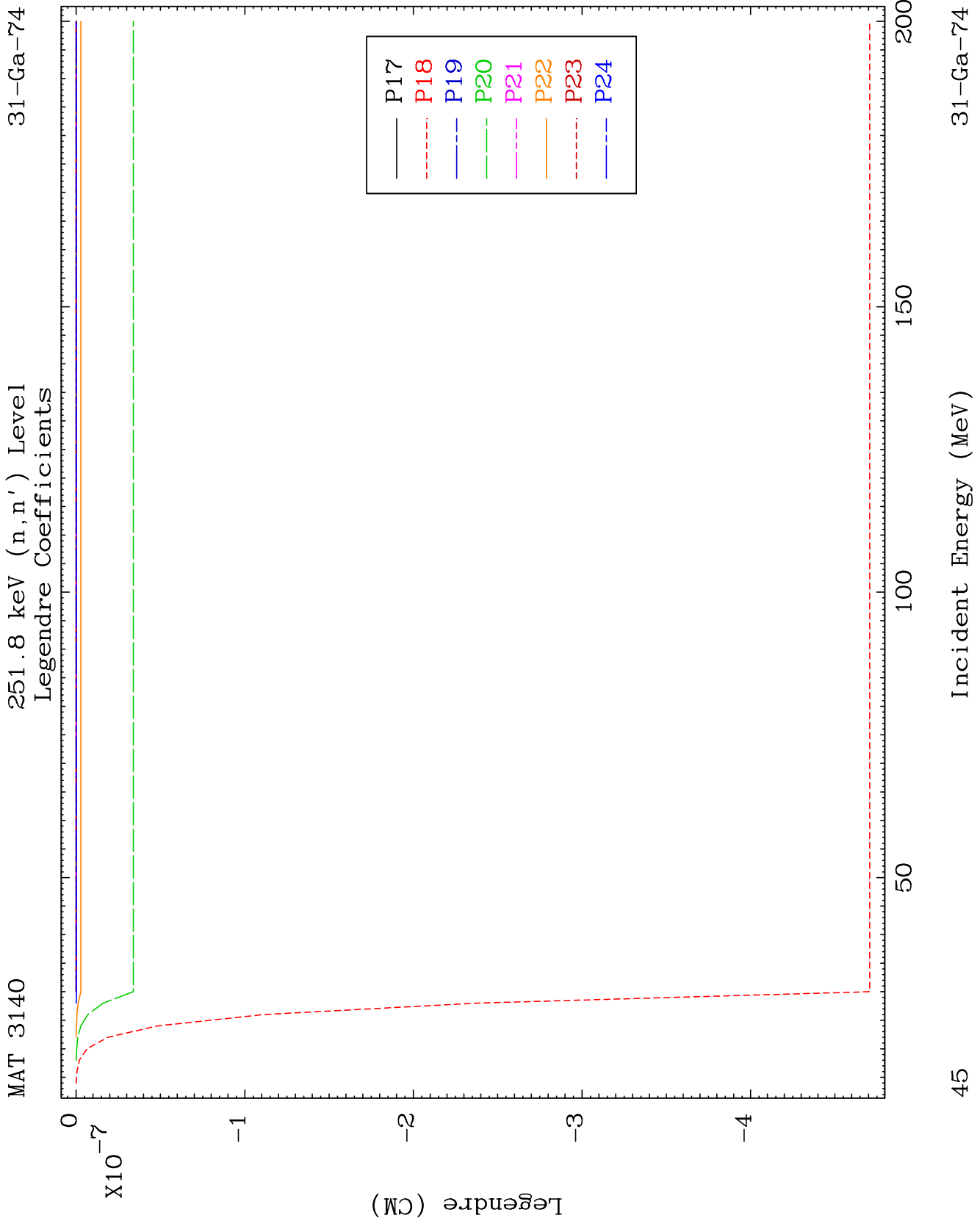


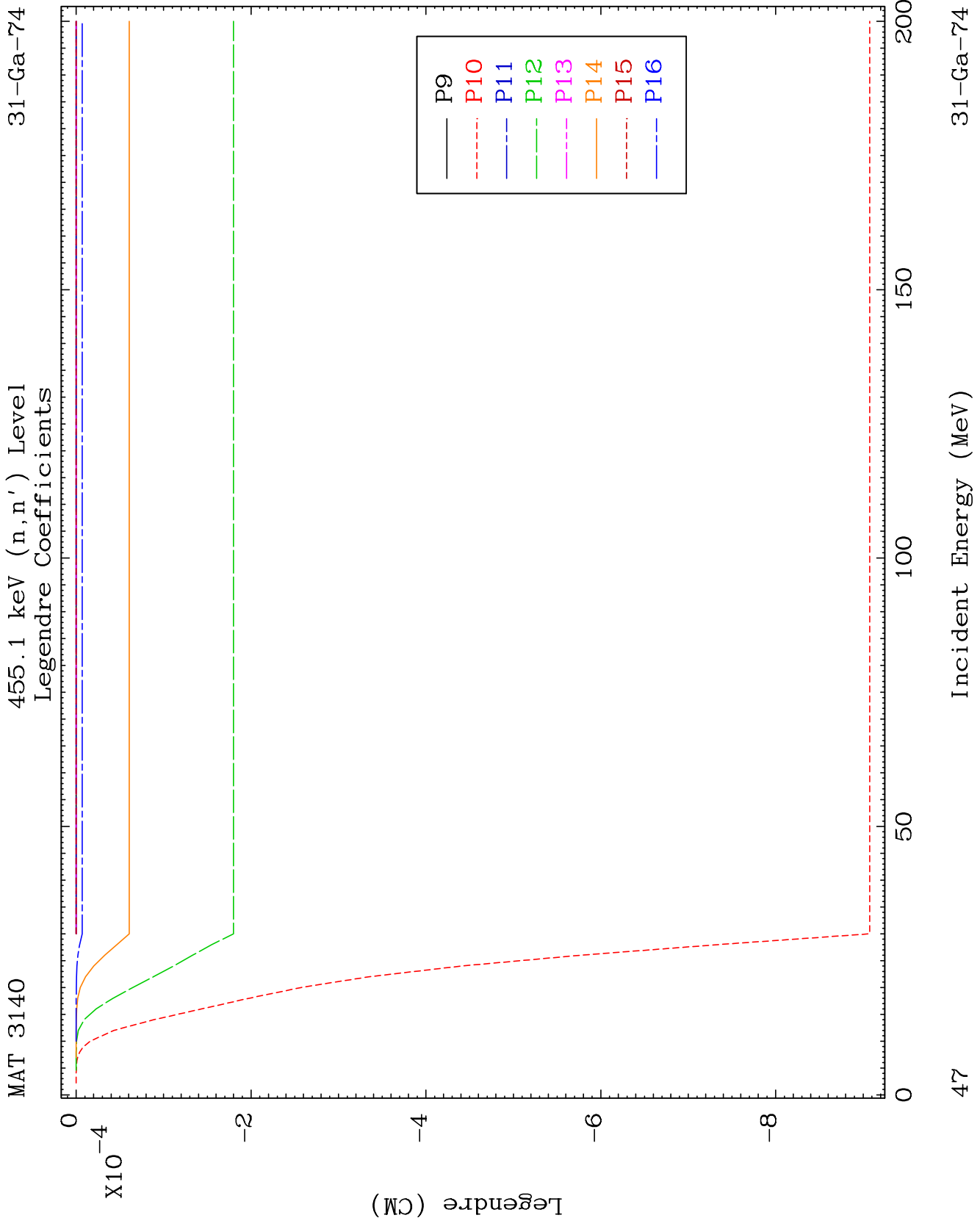
41

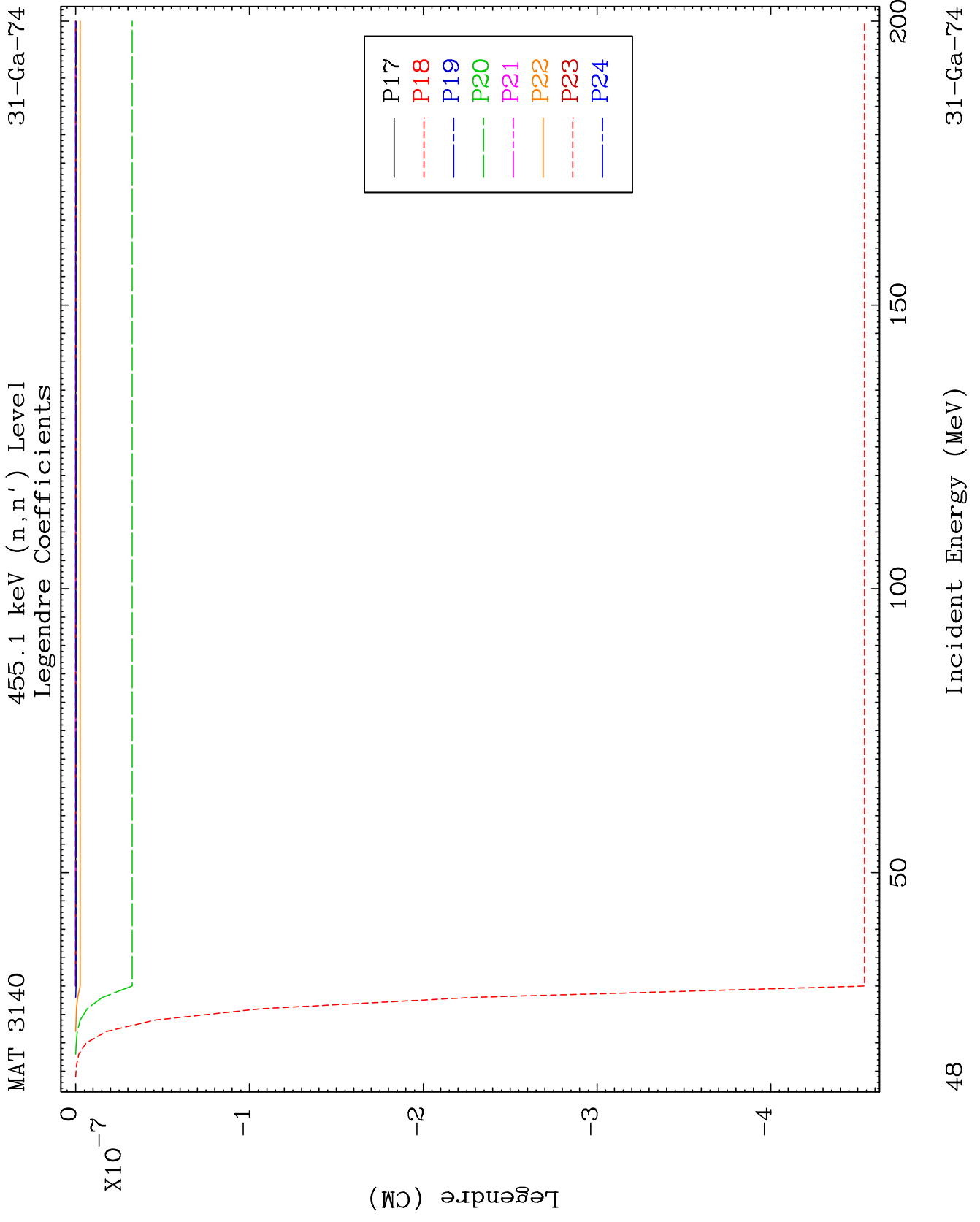
31-Ga-74

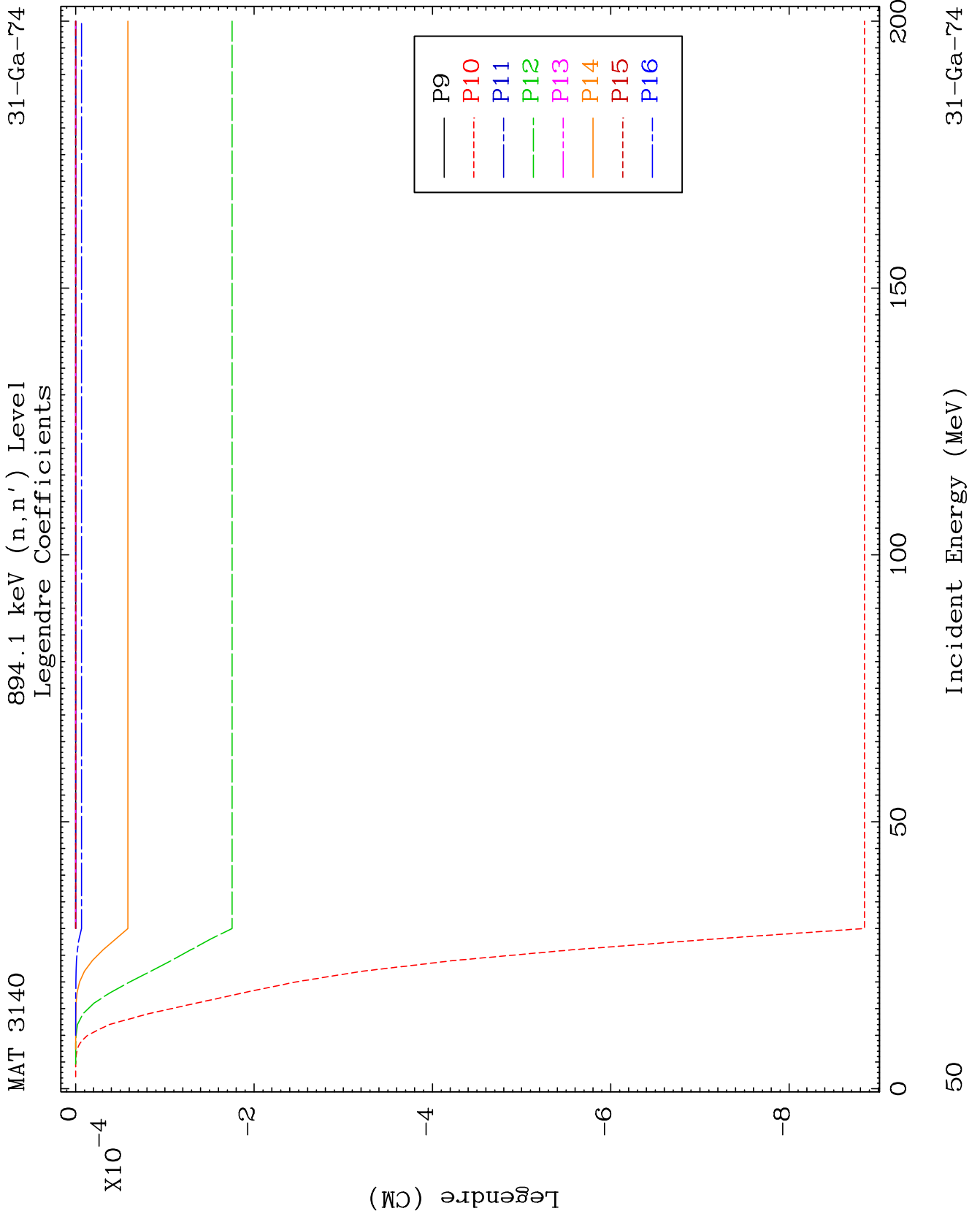


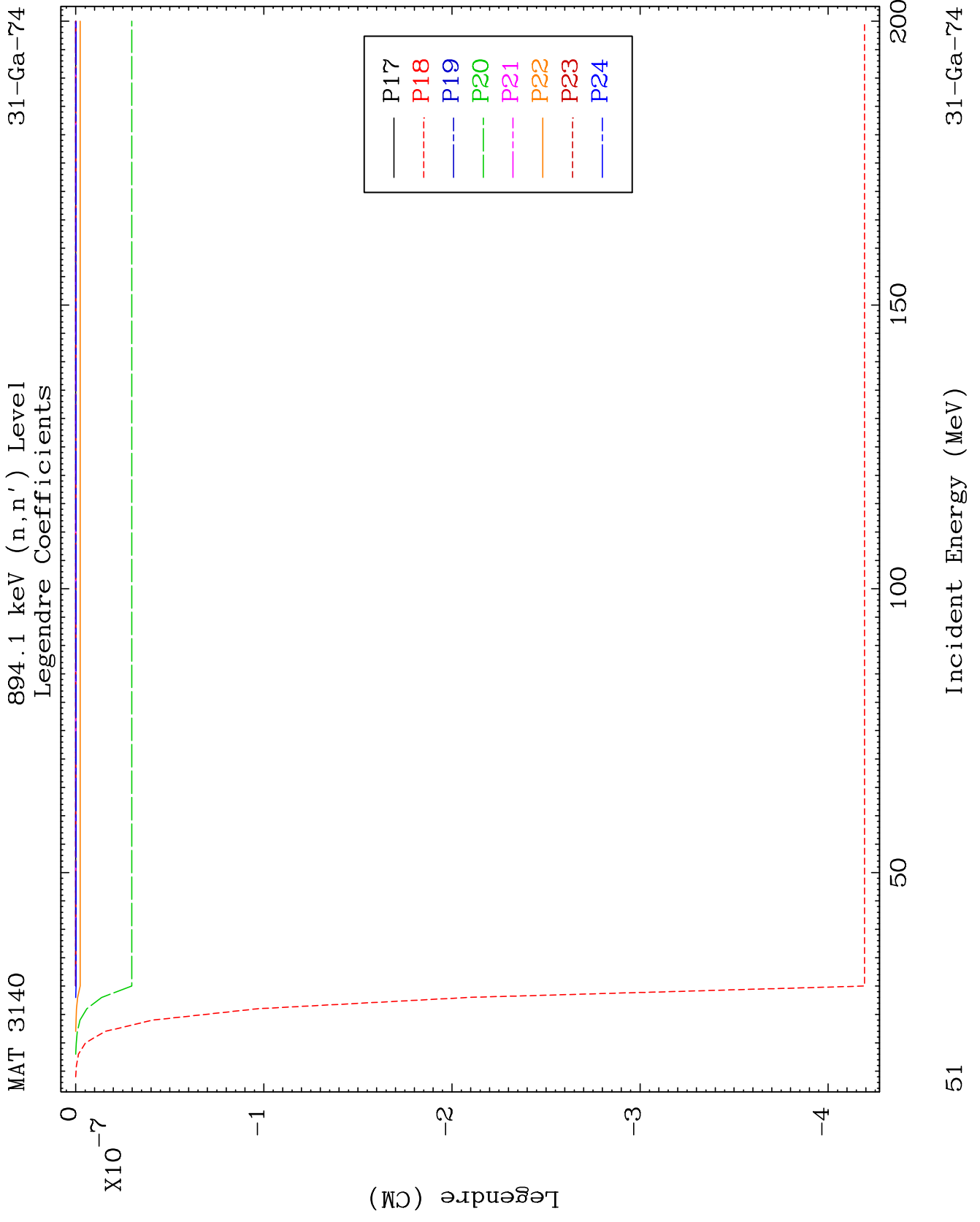


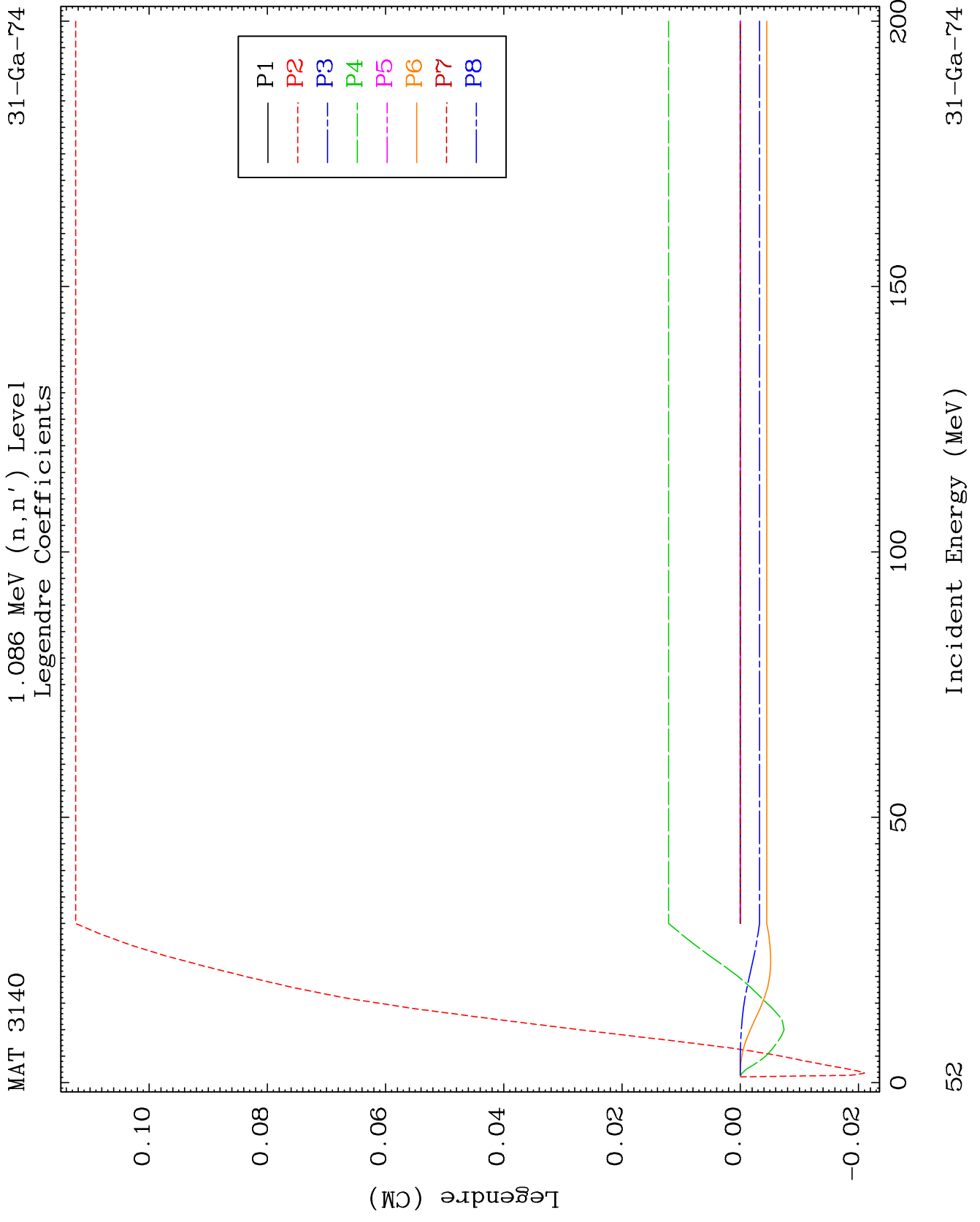


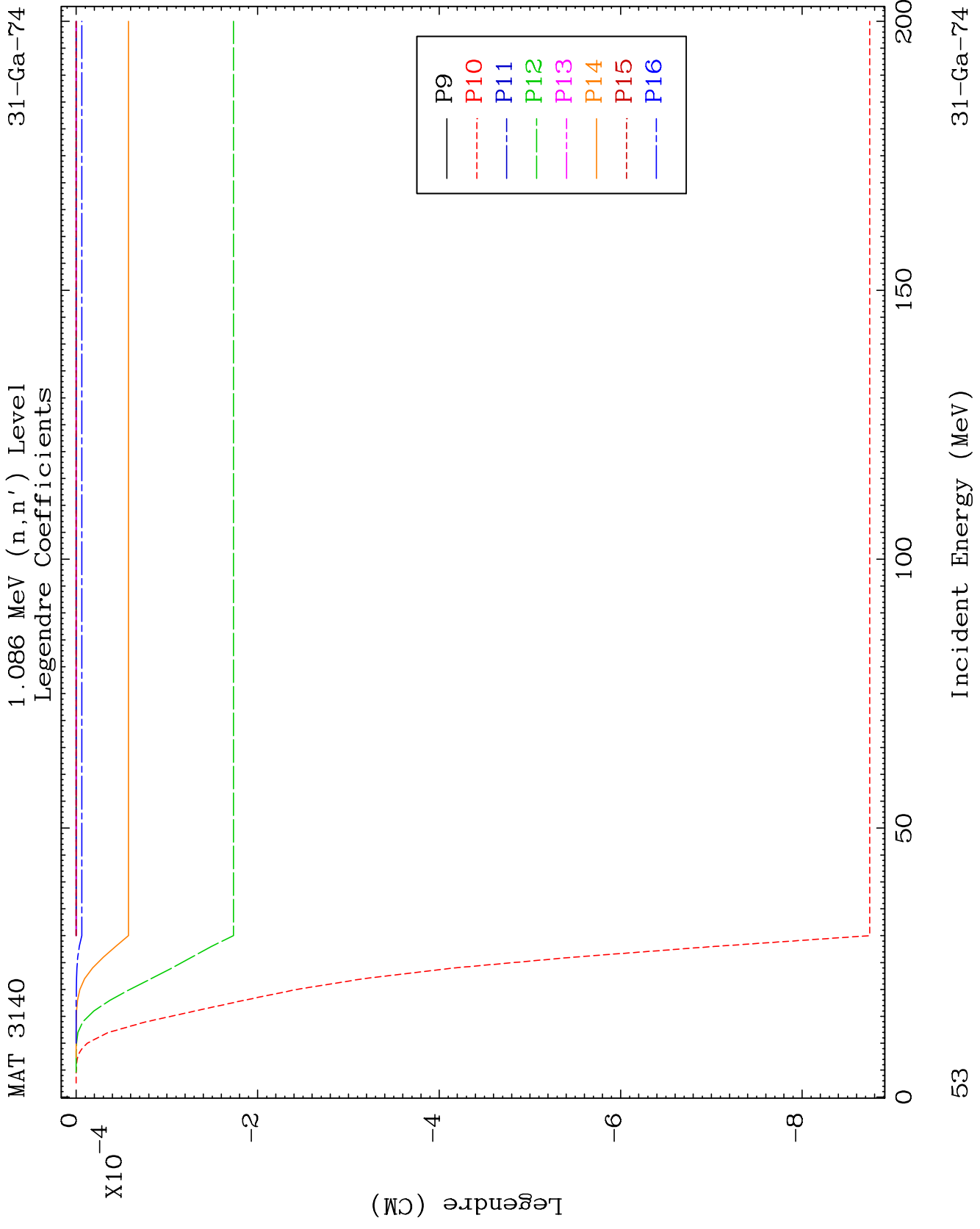


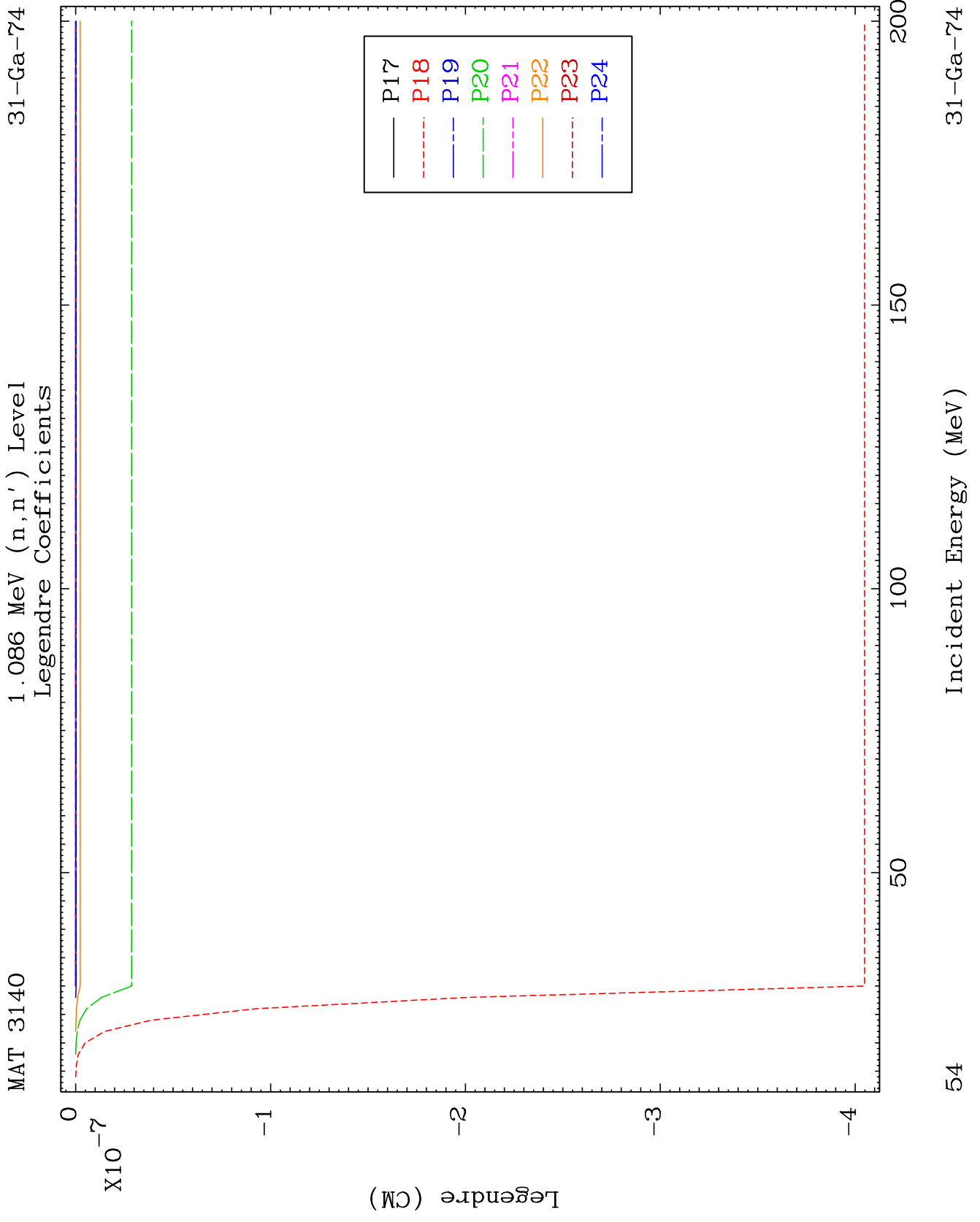


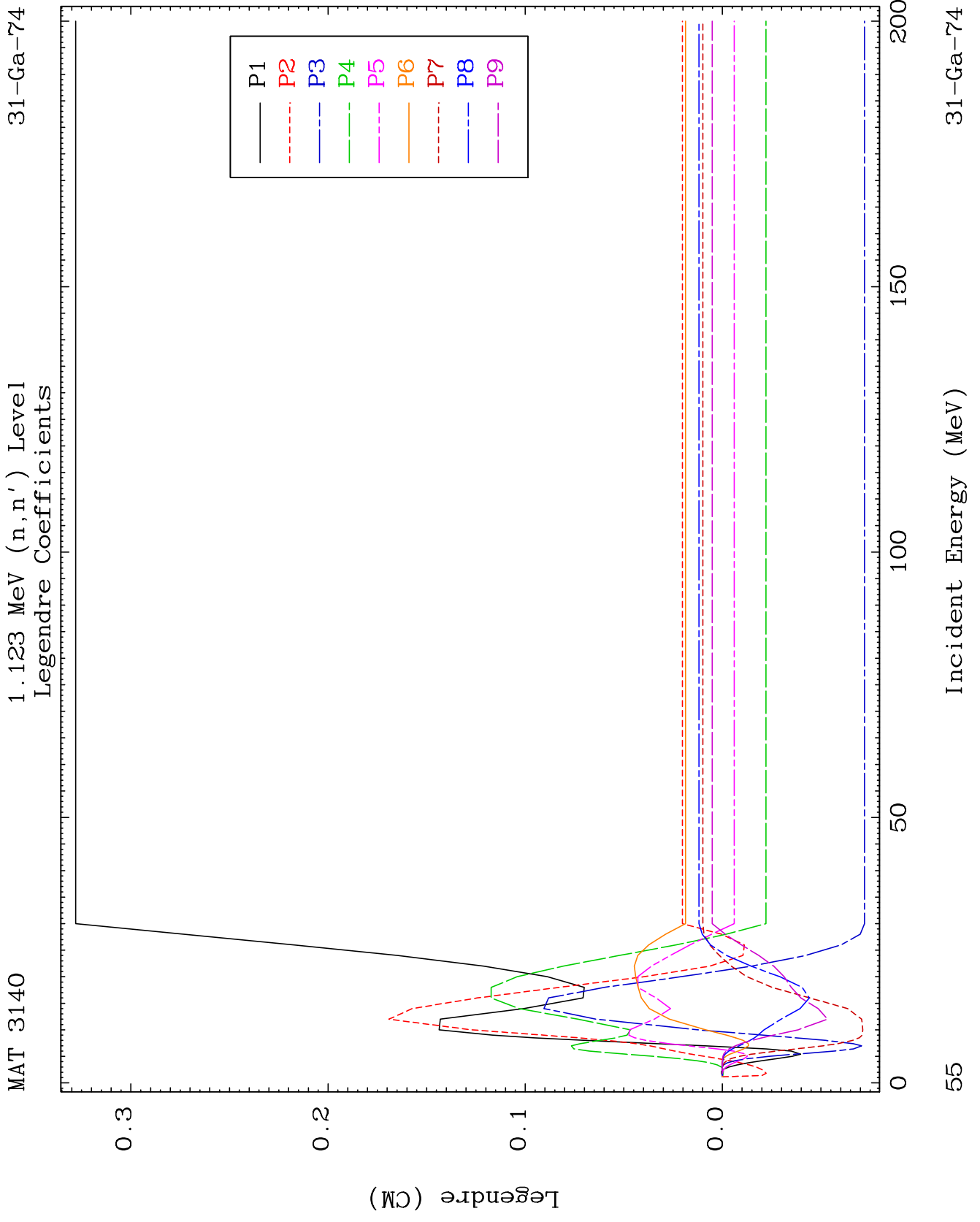


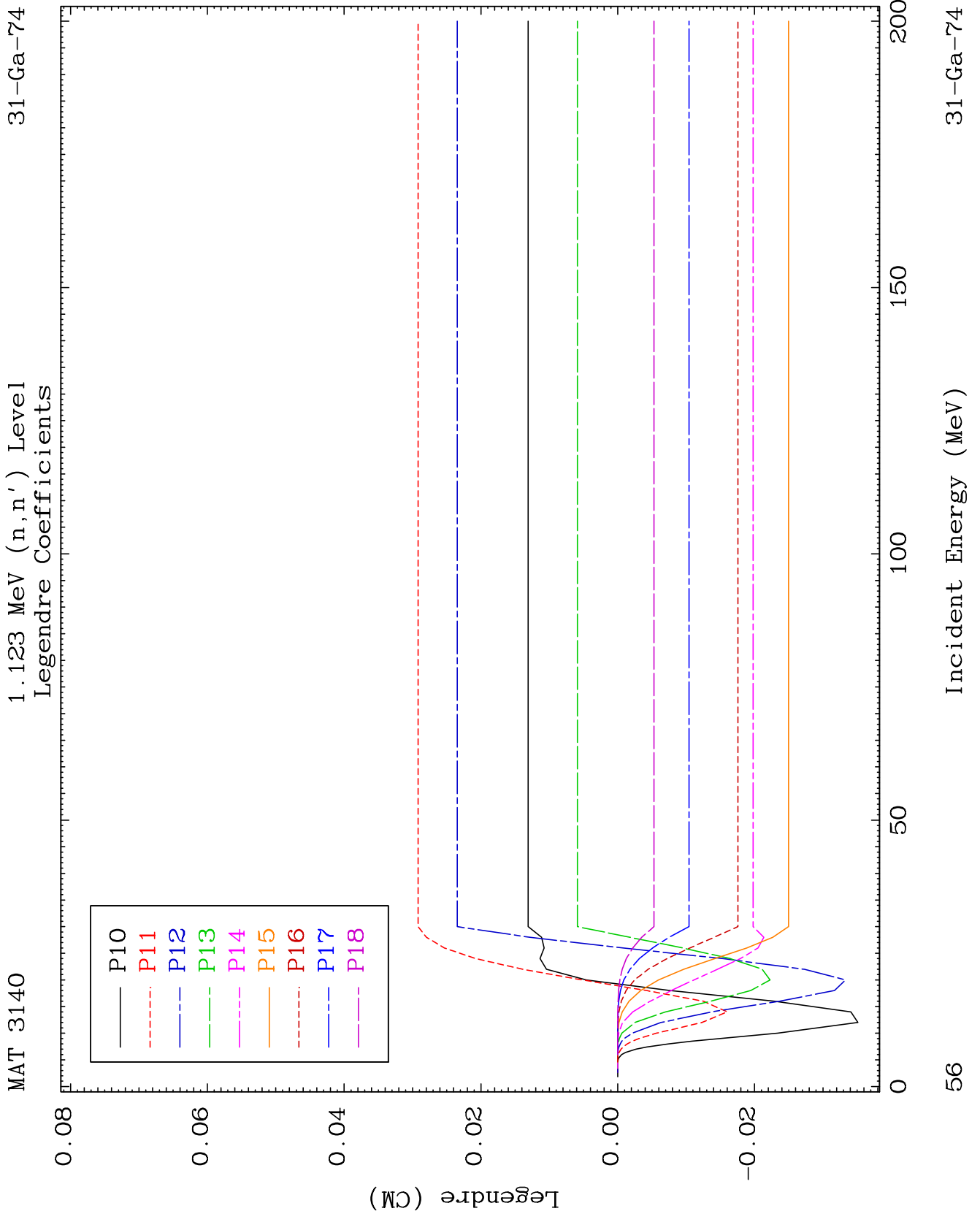


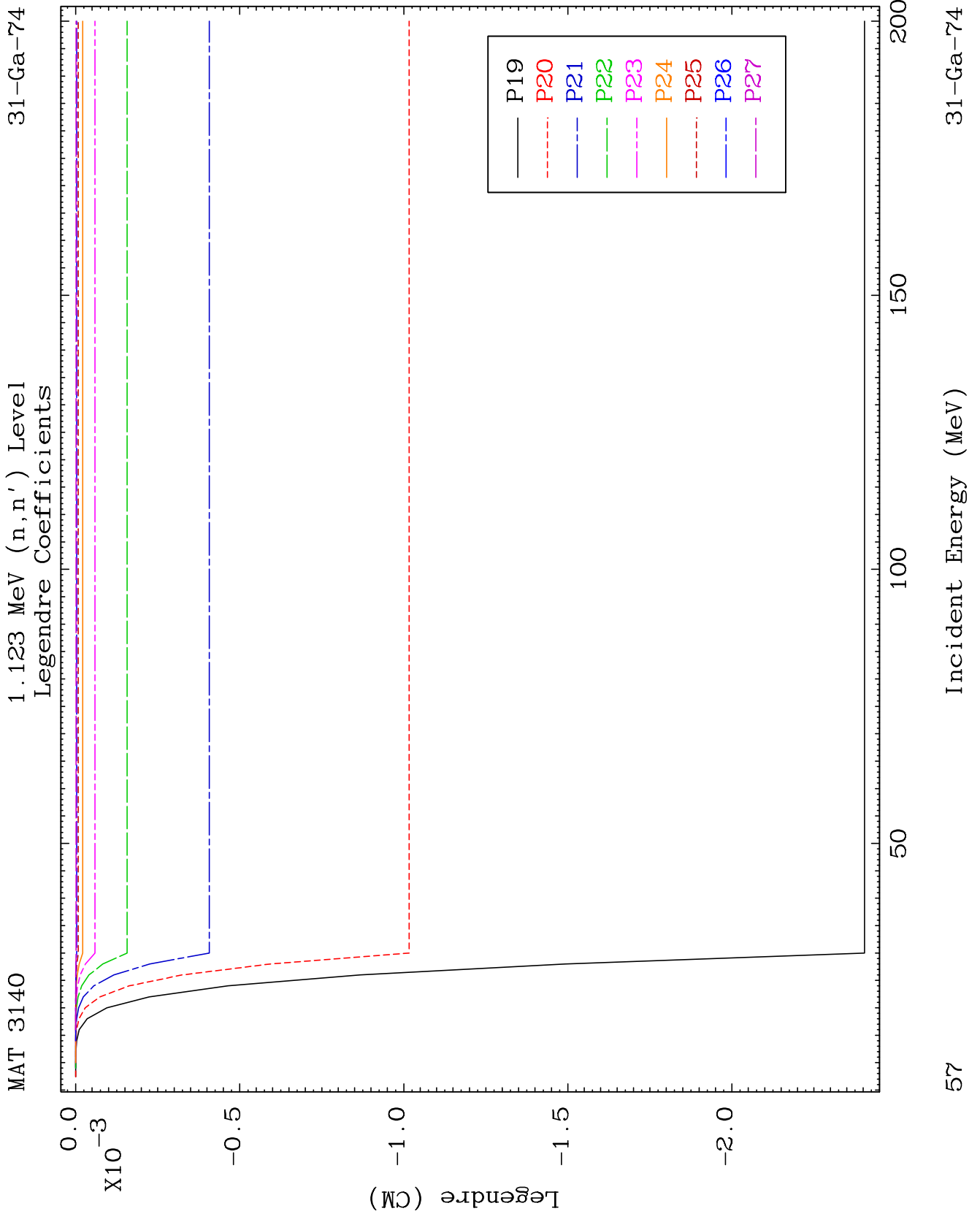


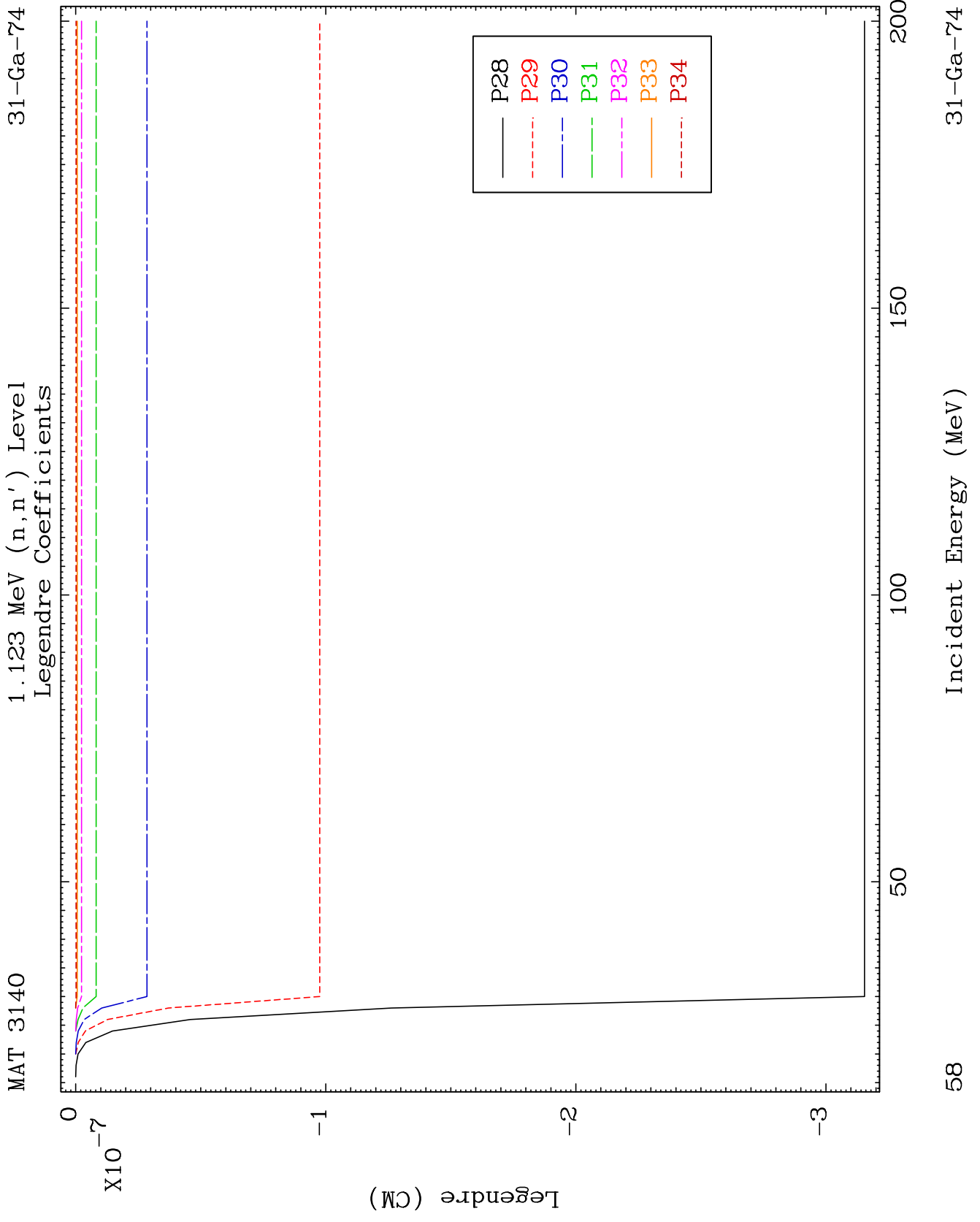


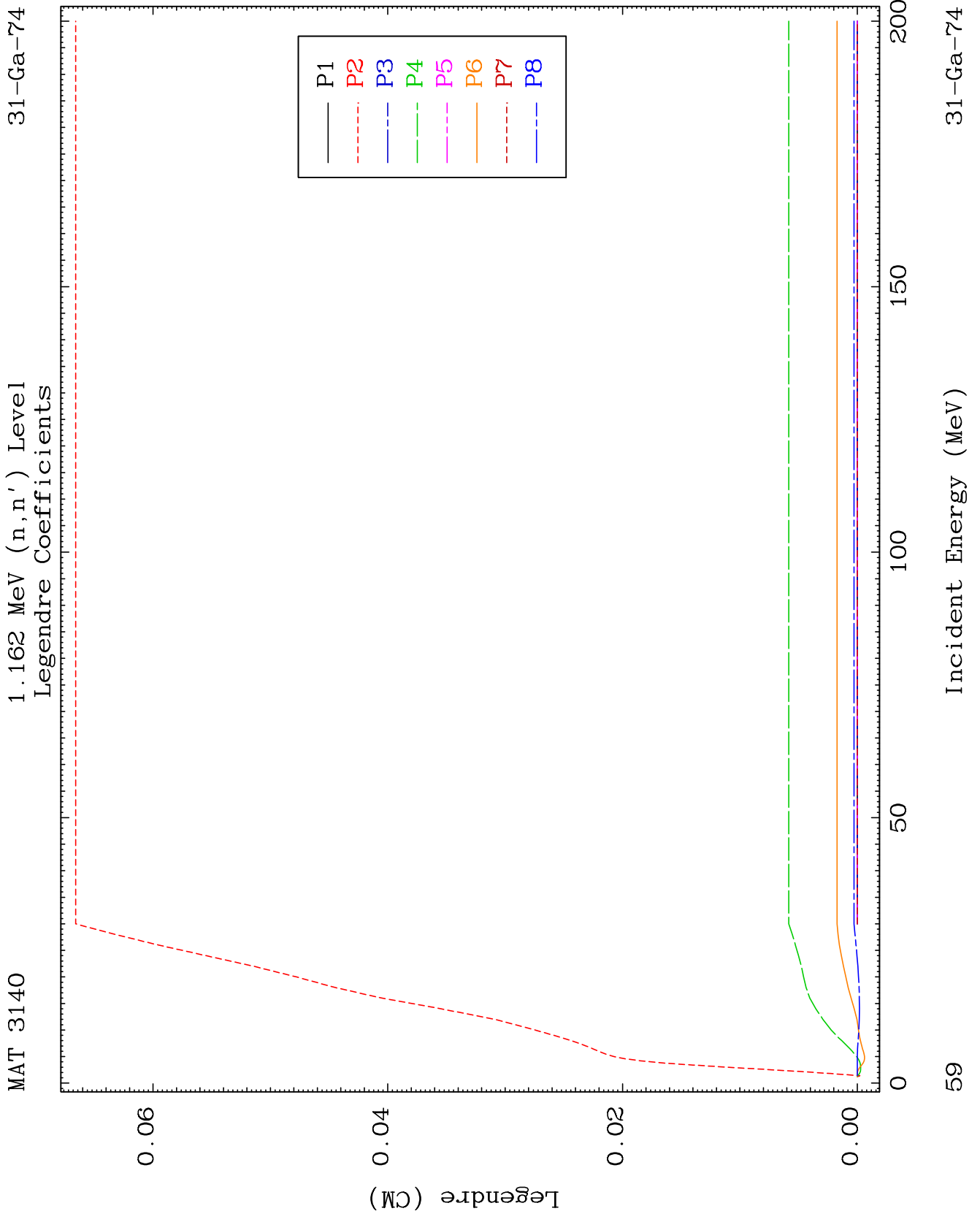








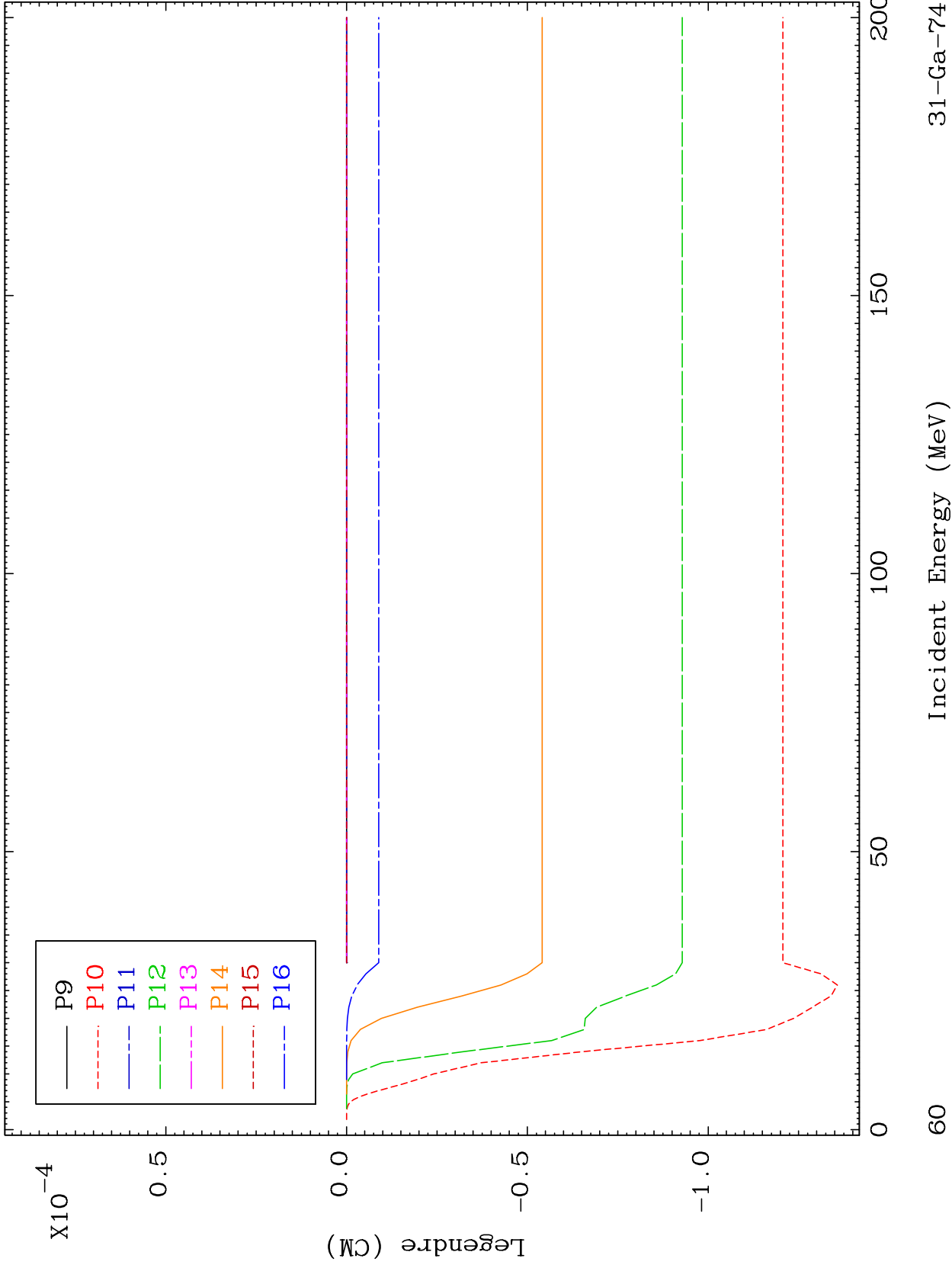


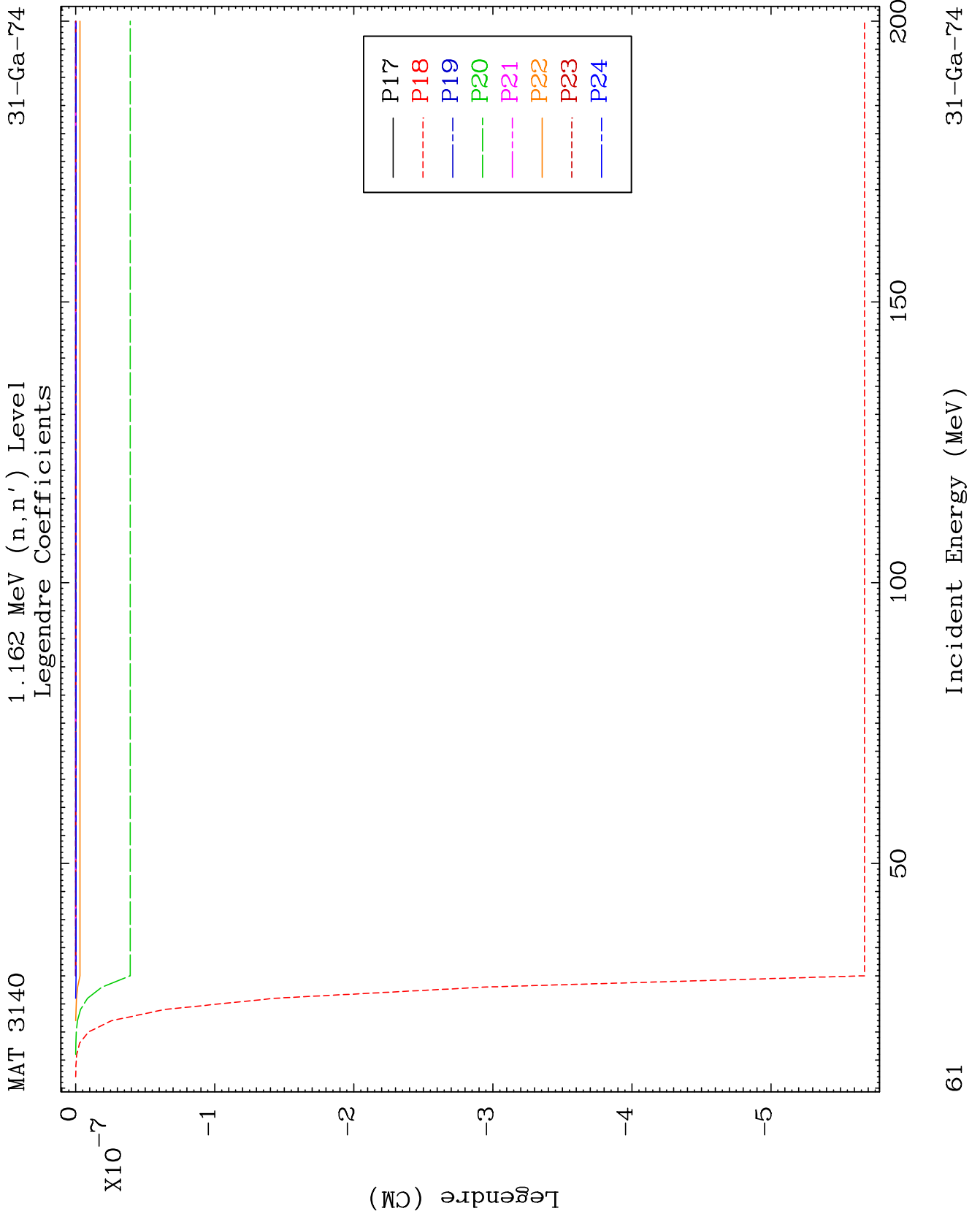


MAT 3140

1.162 MeV (n,n') Level
Legendre Coefficients

31-Ga-74

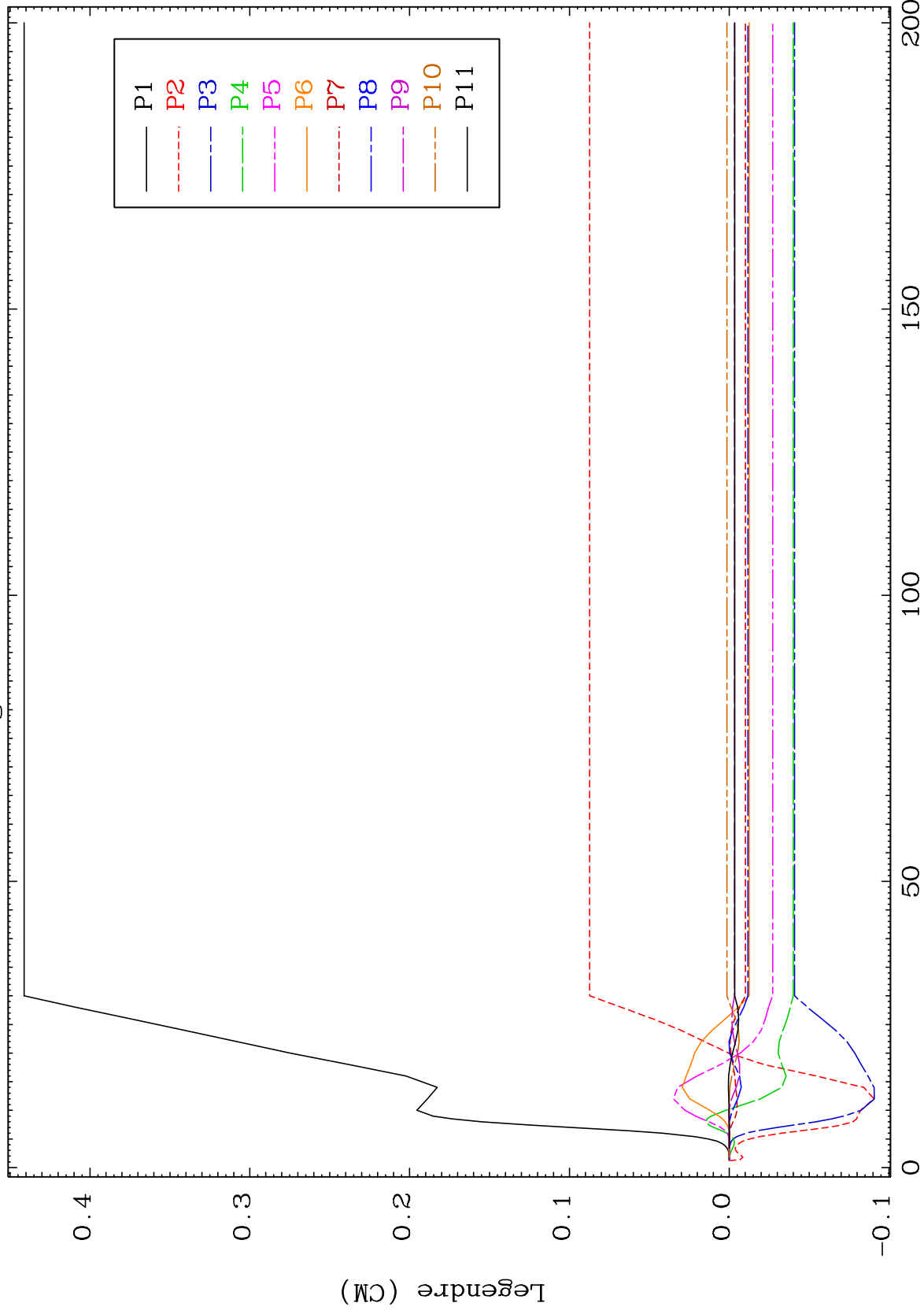




MAT 3140

1.177 MeV (n,n') Level
Legendre Coefficients

³¹Ga-74



62

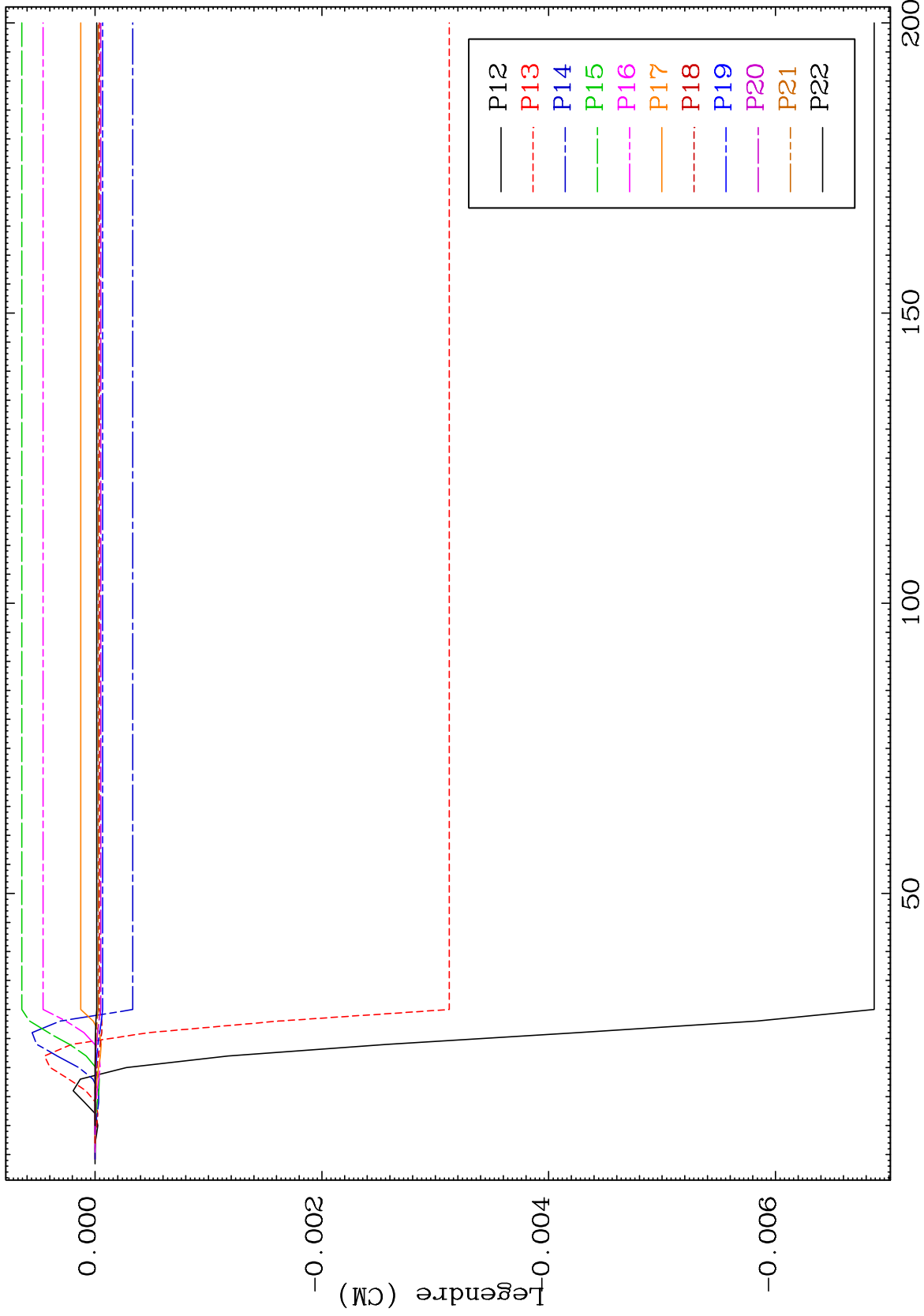
Incident Energy (MeV)

³¹Ga-74

MAT 3140

1.177 MeV (n,n') Level
Legendre Coefficients

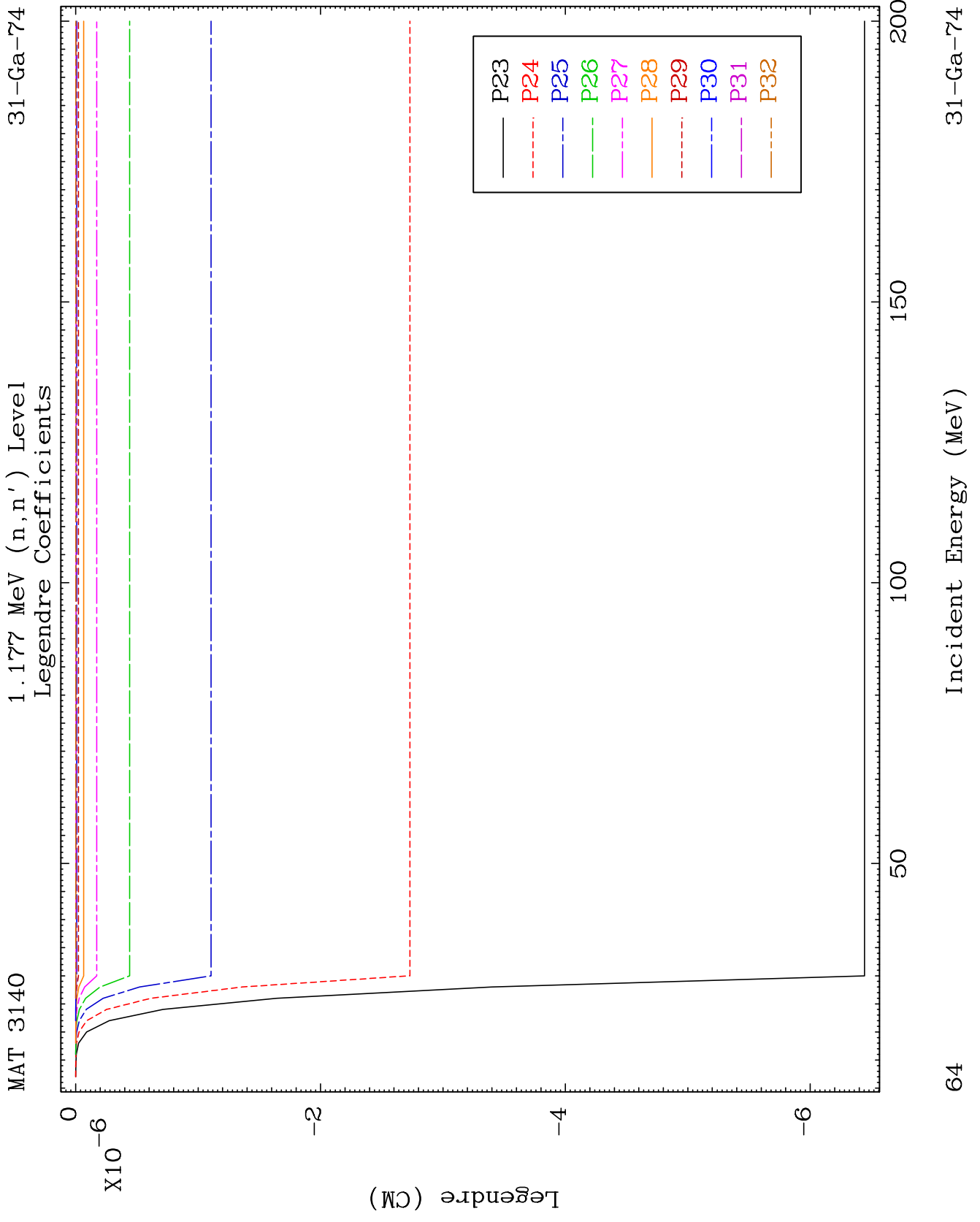
31-Ga-74



63

Incident Energy (MeV)

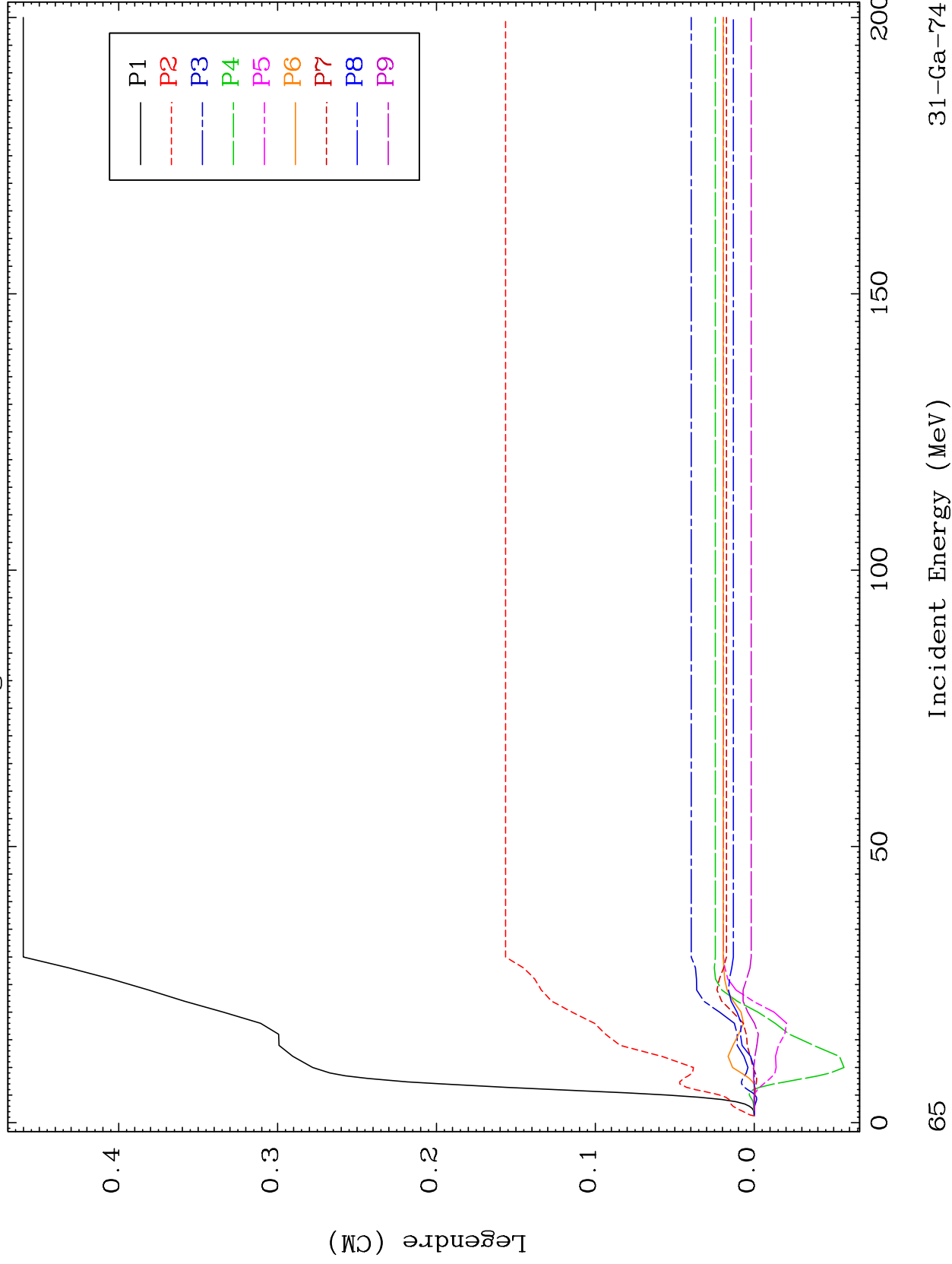
31-Ga-74



MAT 3140

1.193 MeV (n,n') Level
Legendre Coefficients

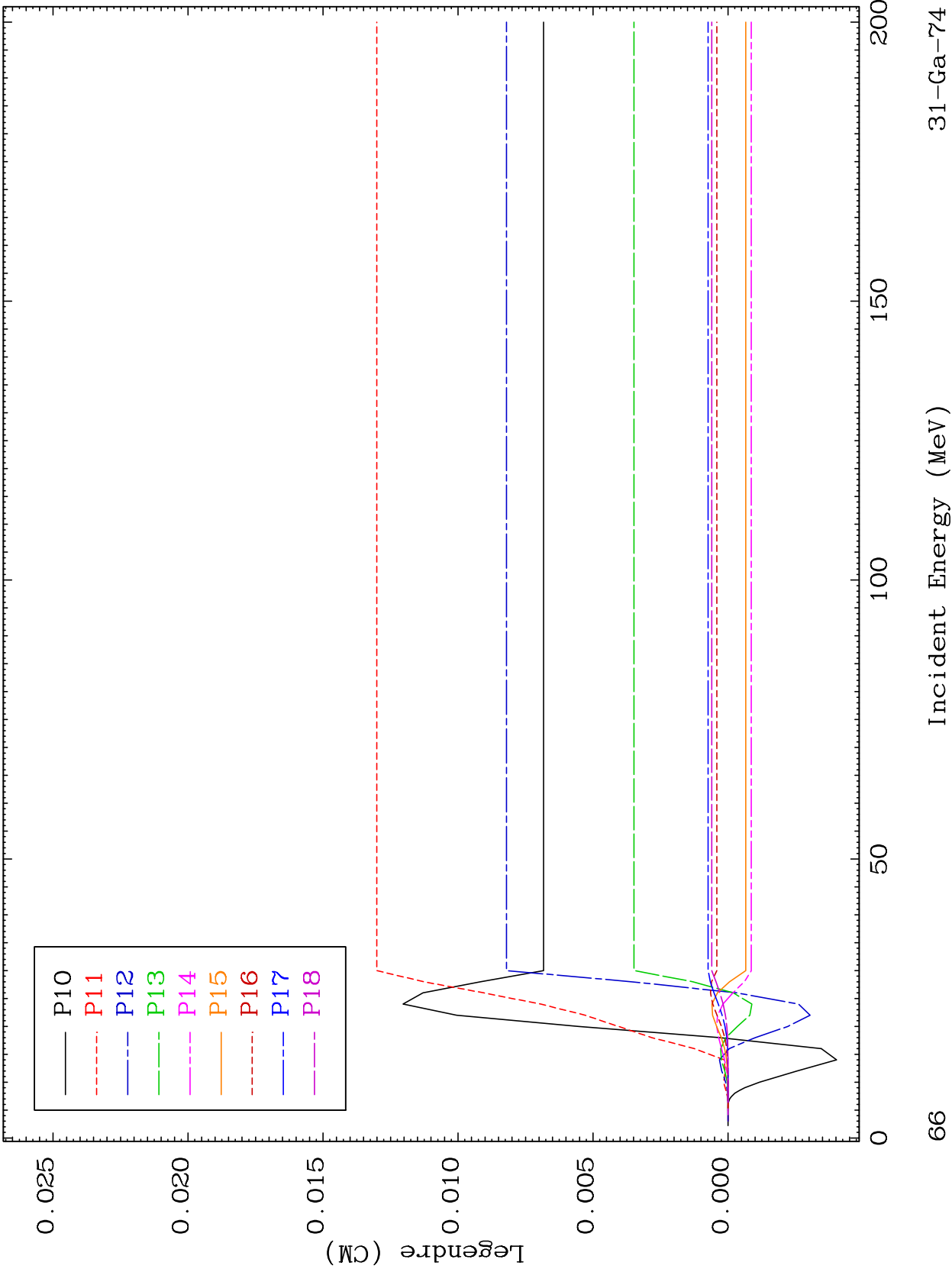
31-Ga-74

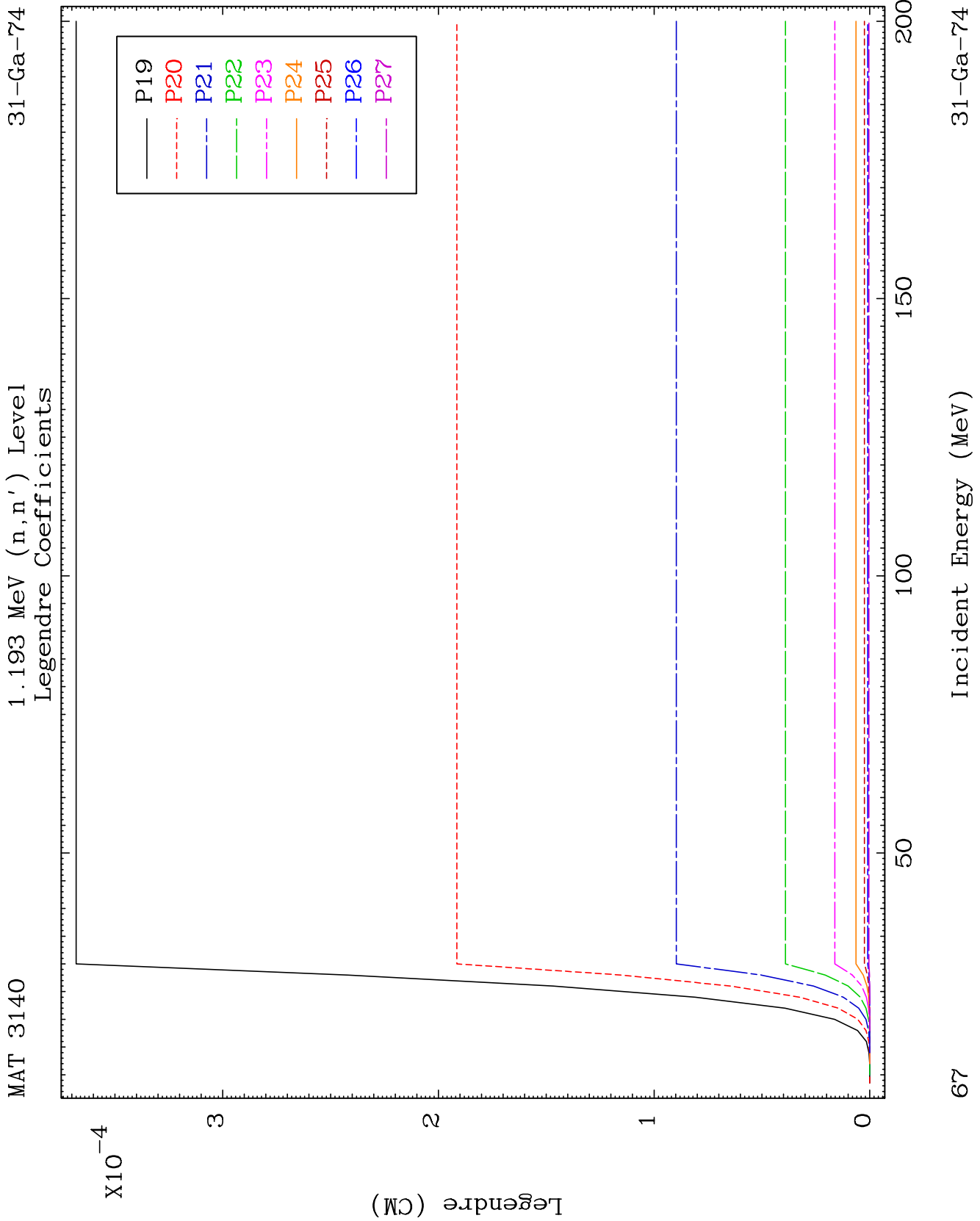


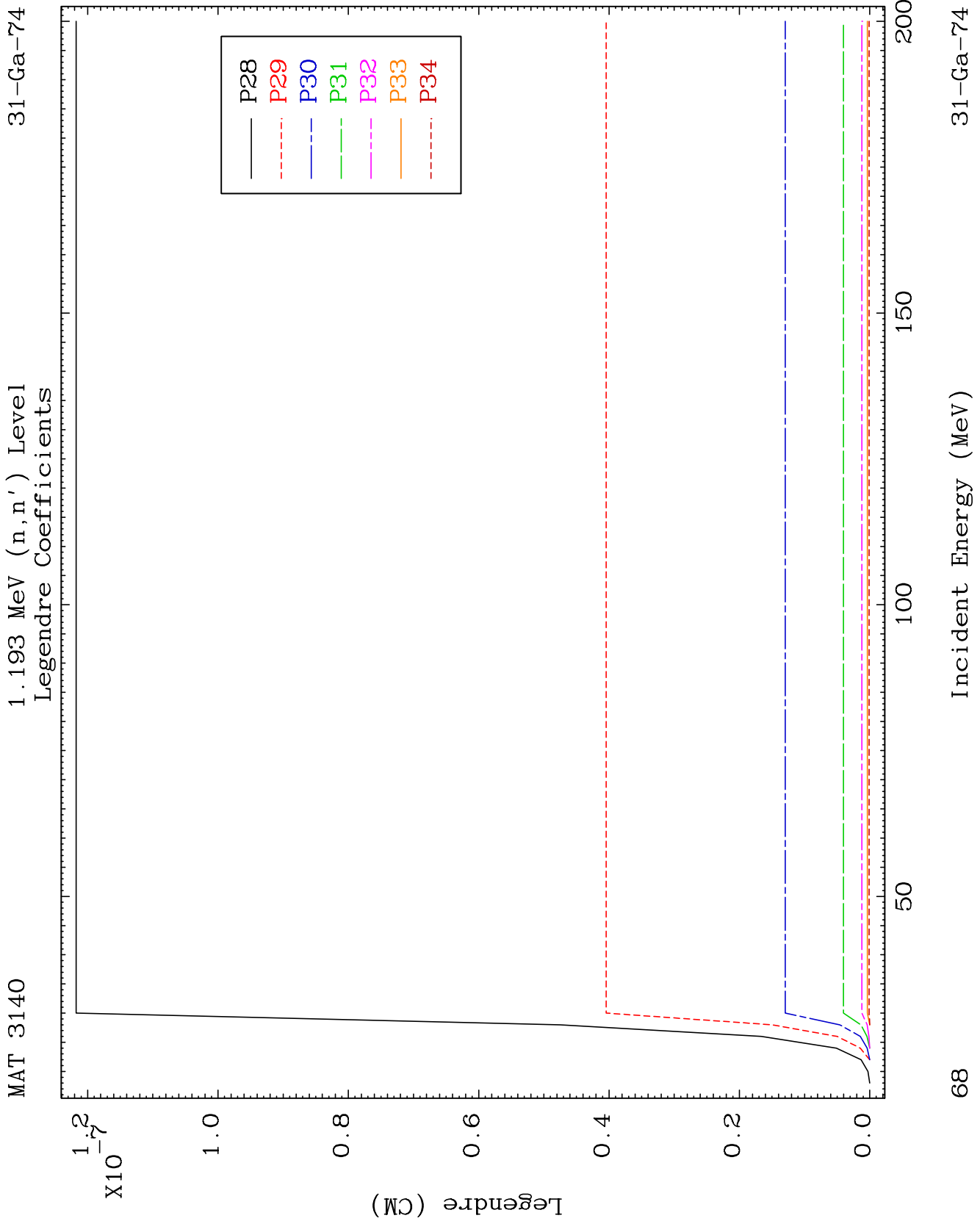
31-Ga-74

Incident Energy (MeV)

65



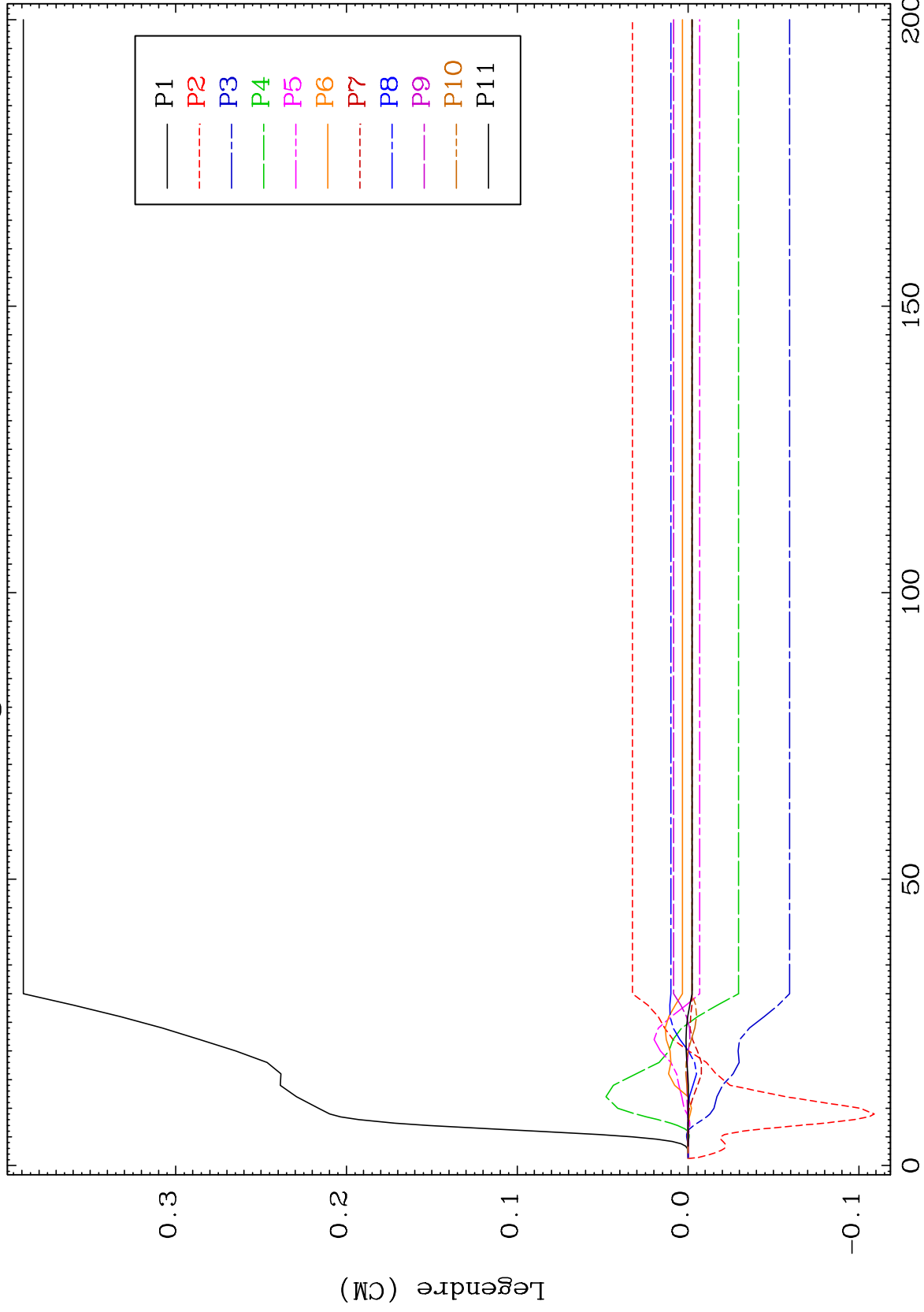




MAT 3140

1.195 MeV (n,n') Level
Legendre Coefficients

31-Ga-74



69

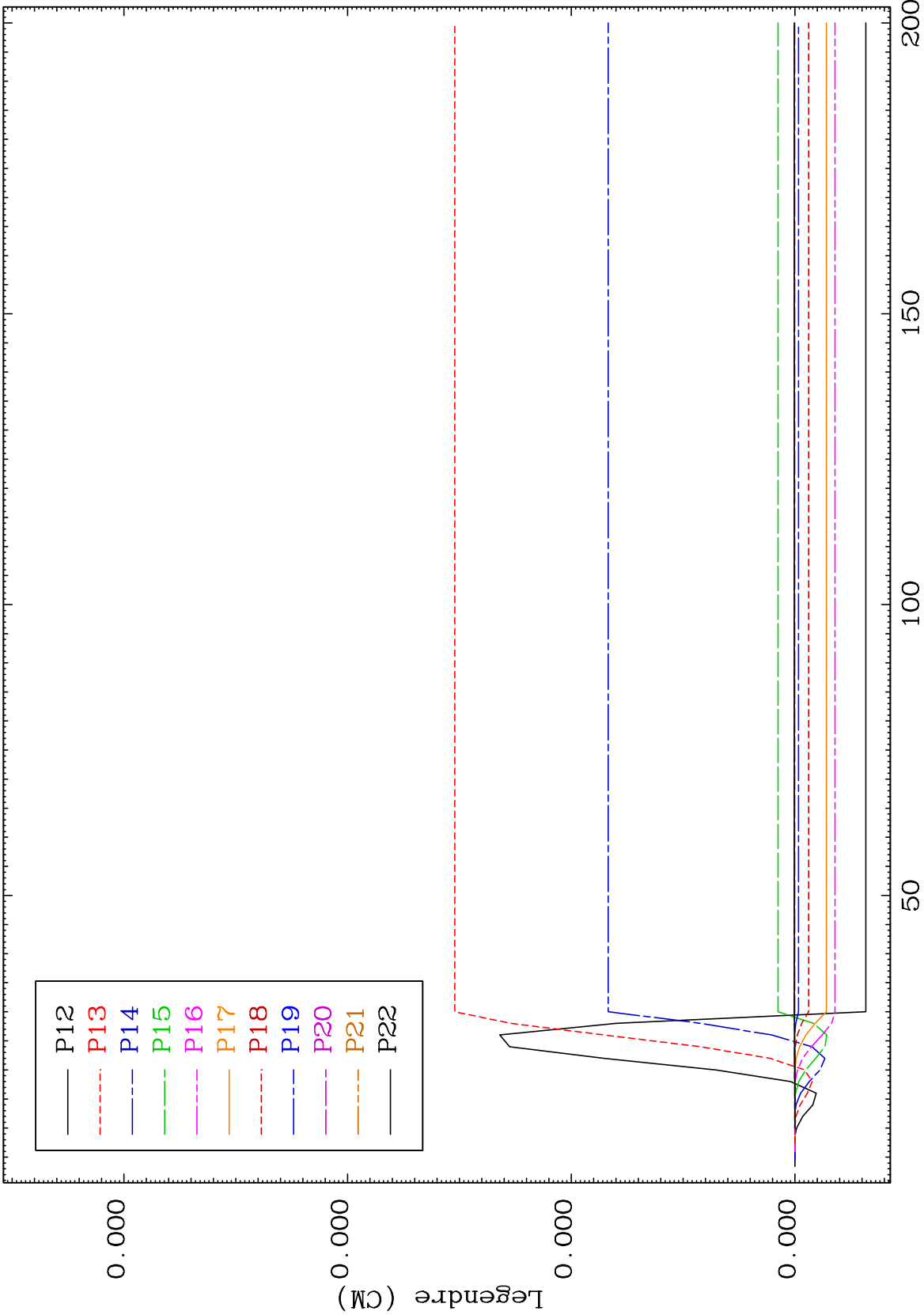
Incident Energy (MeV)

31-Ga-74

MAT 3140

1.195 MeV (n,n') Level
Legendre Coefficients

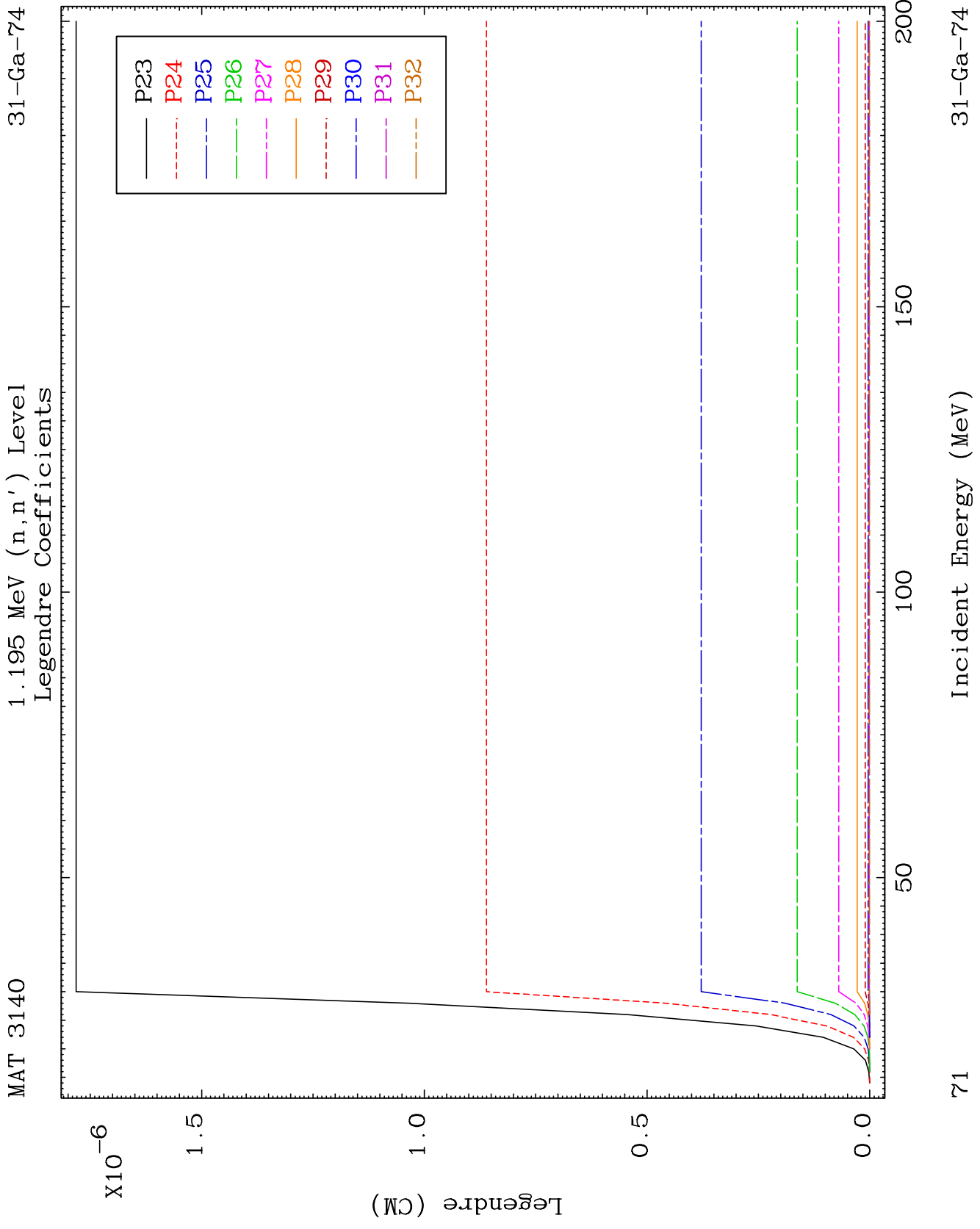
31-Ga-74

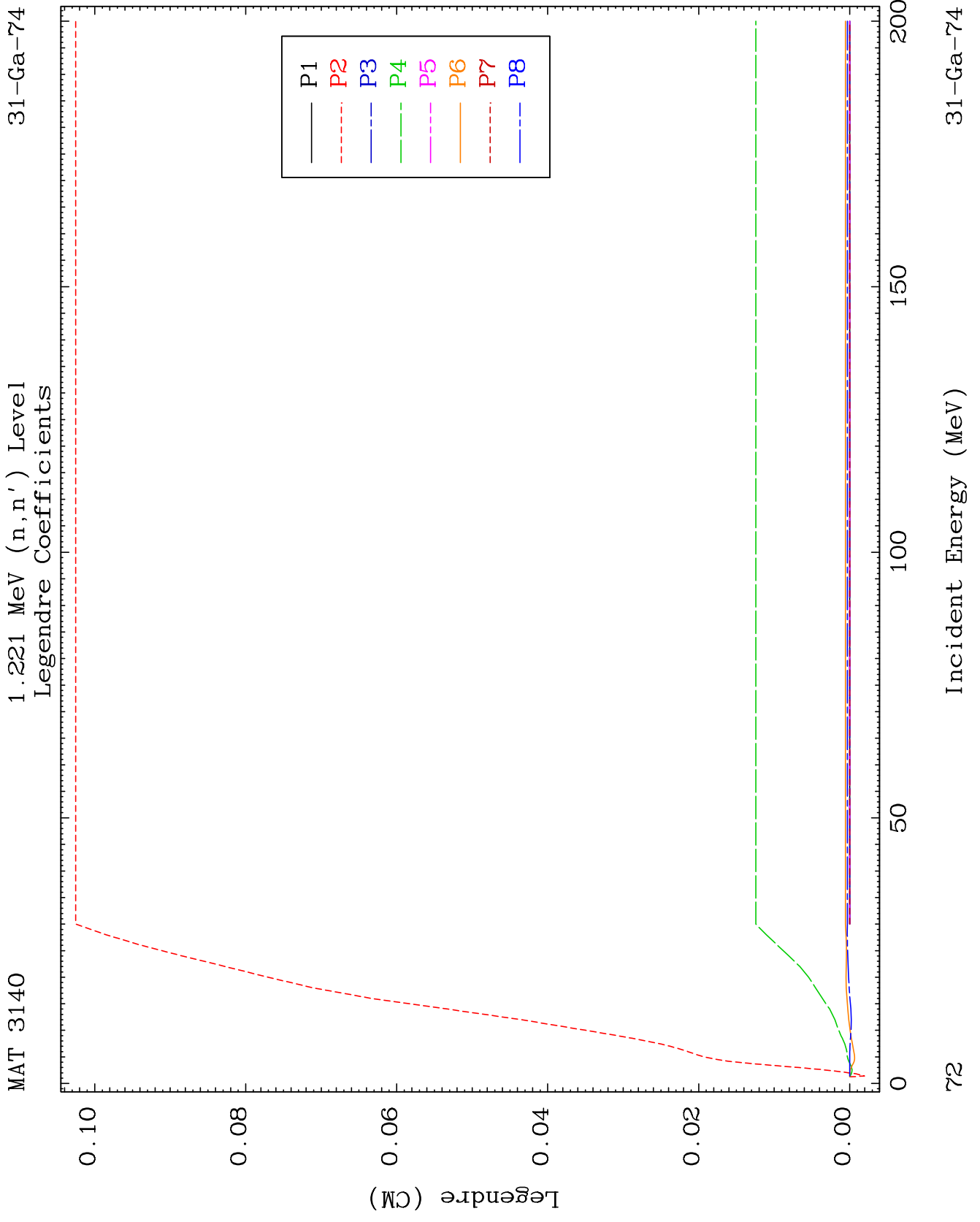


70

Incident Energy (MeV)

31-Ga-74

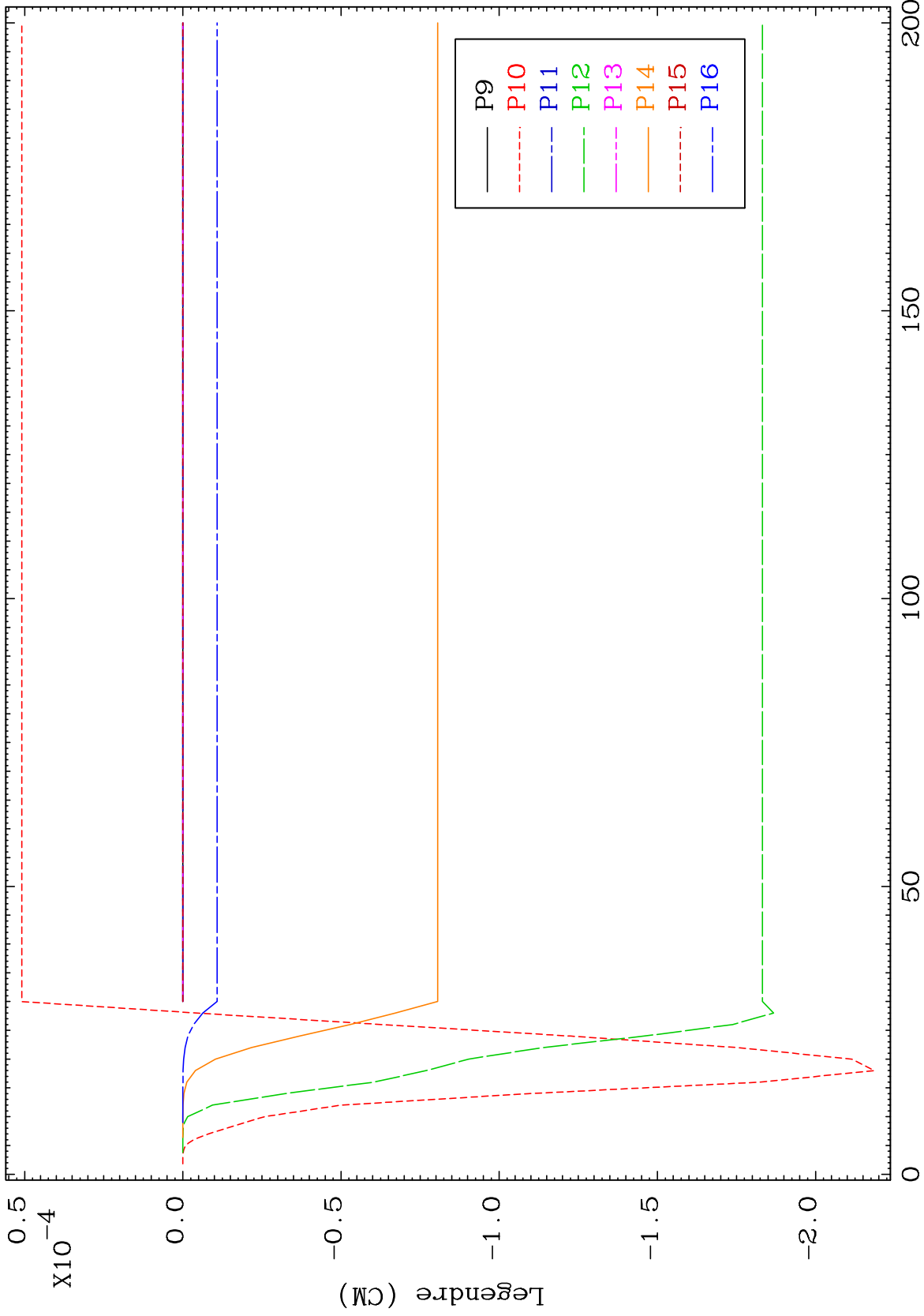




MAT 3140

1.221 MeV (n,n') Level
Legendre Coefficients

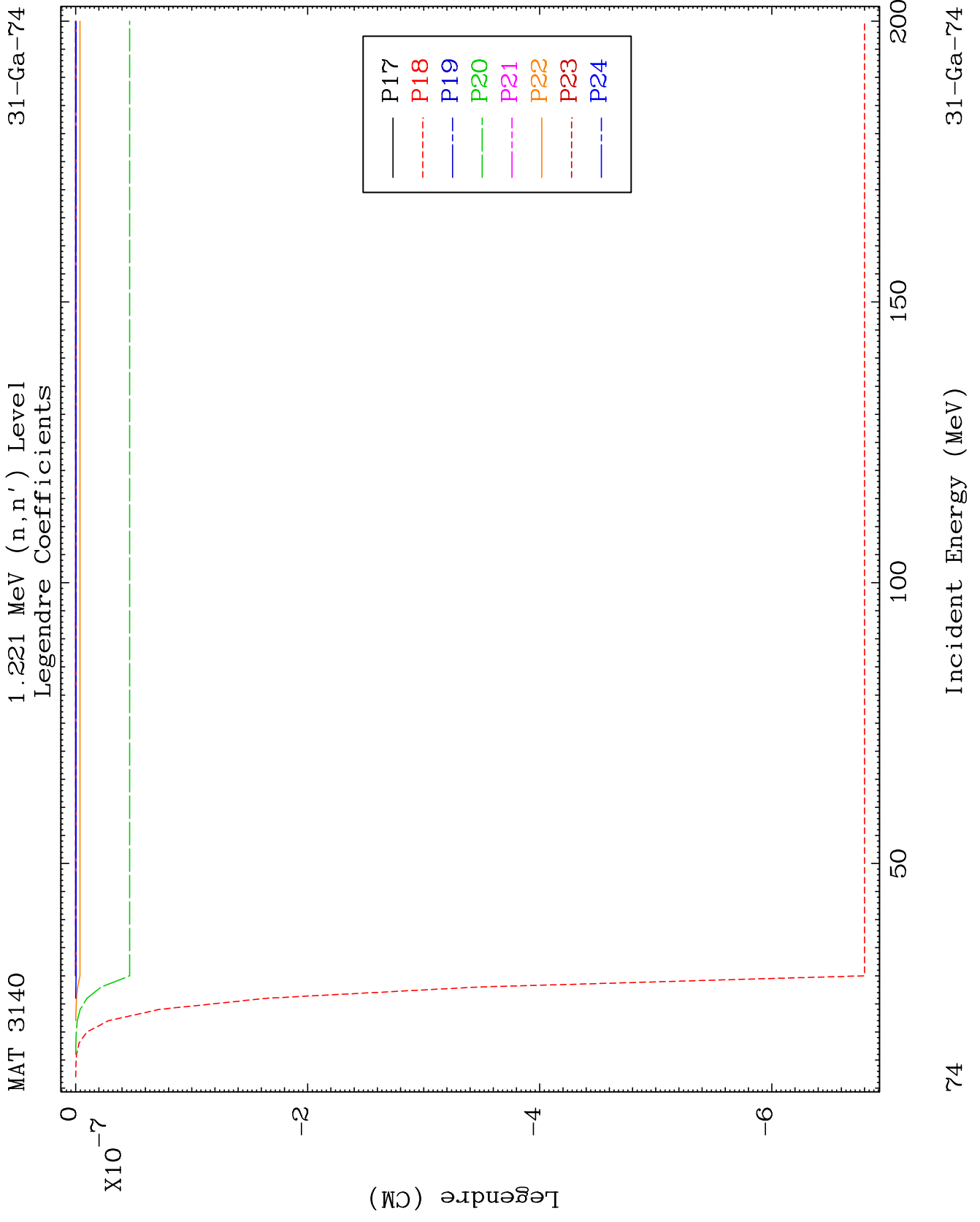
31-Ga-74

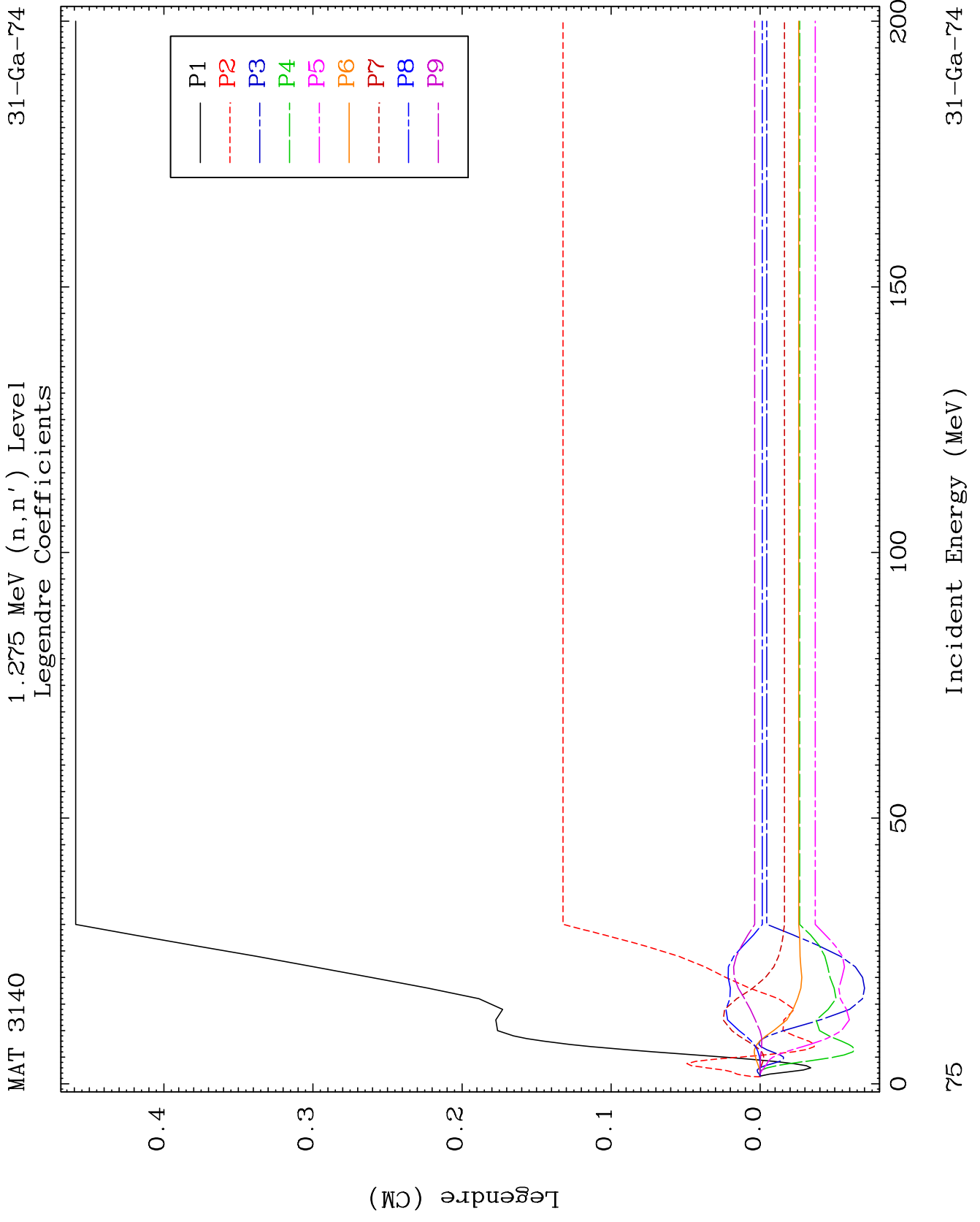


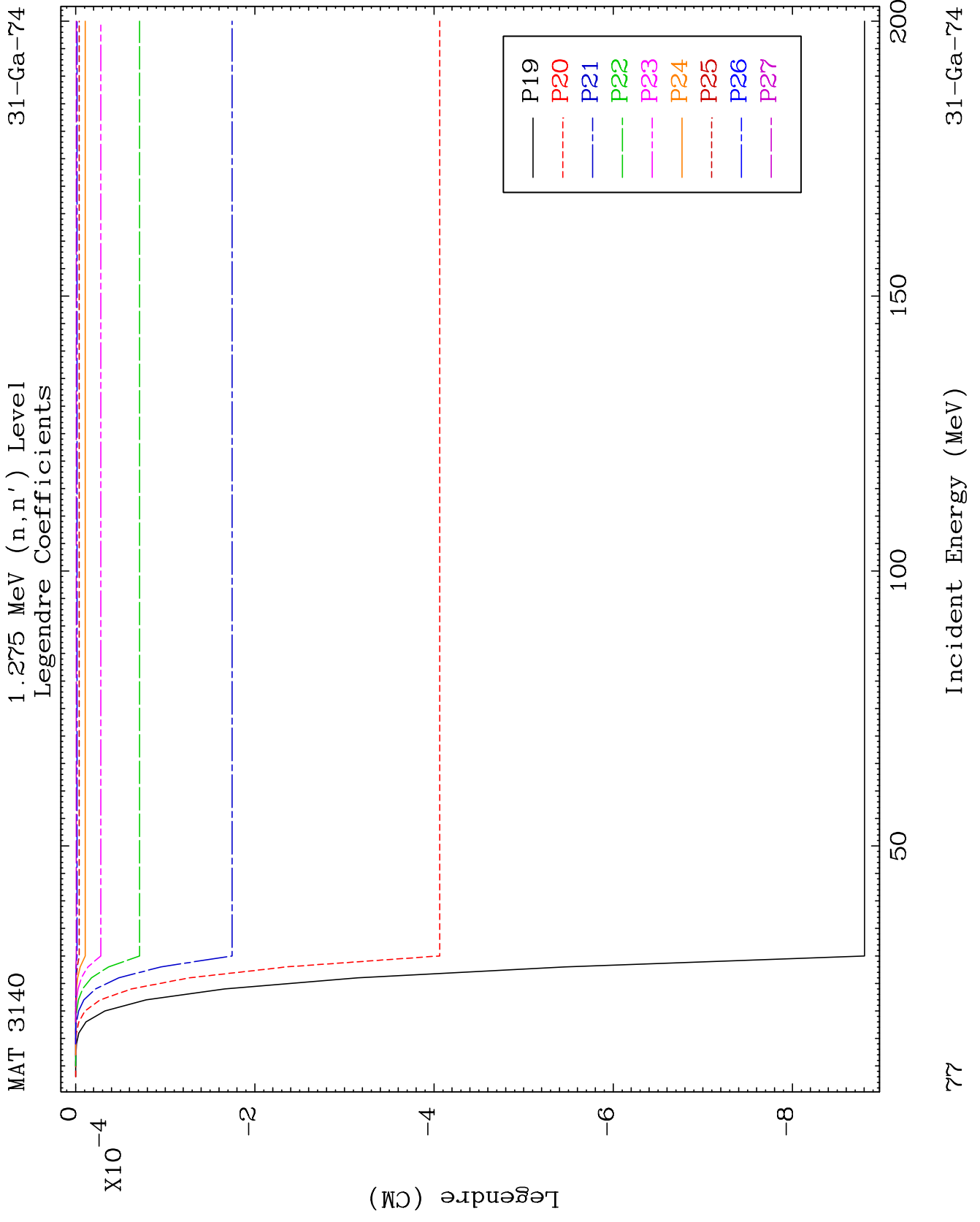
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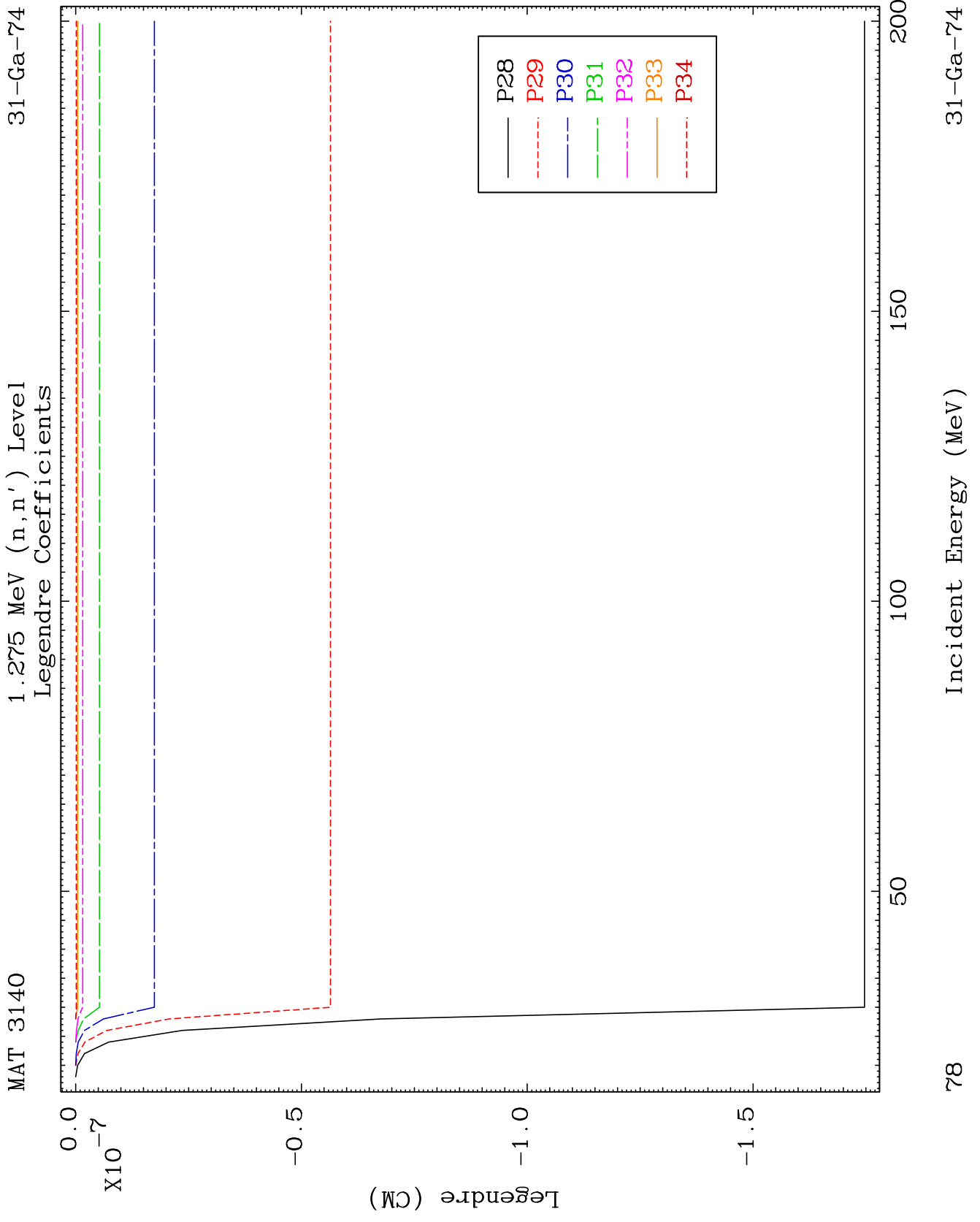
Incident Energy (MeV)

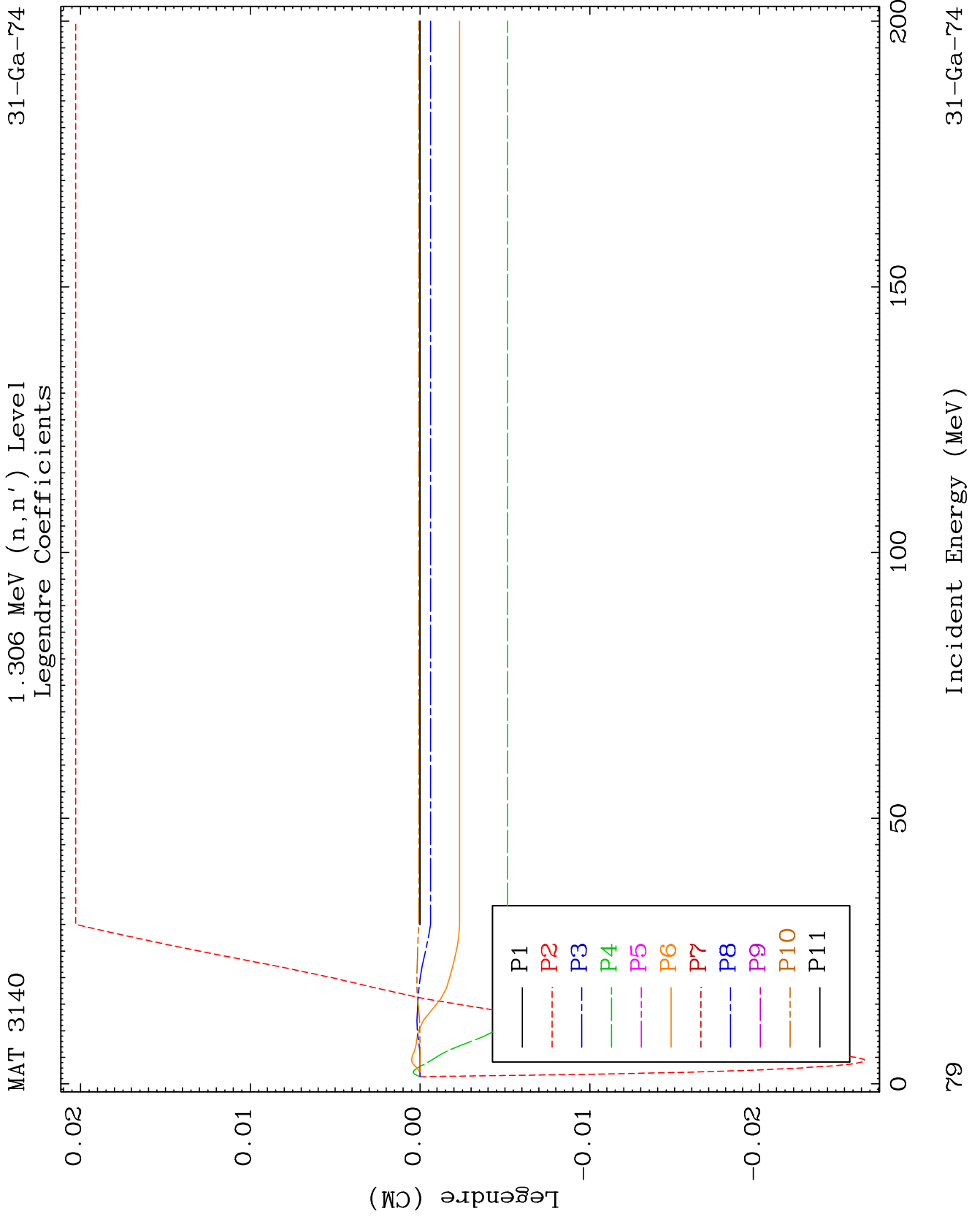
31-Ga-74

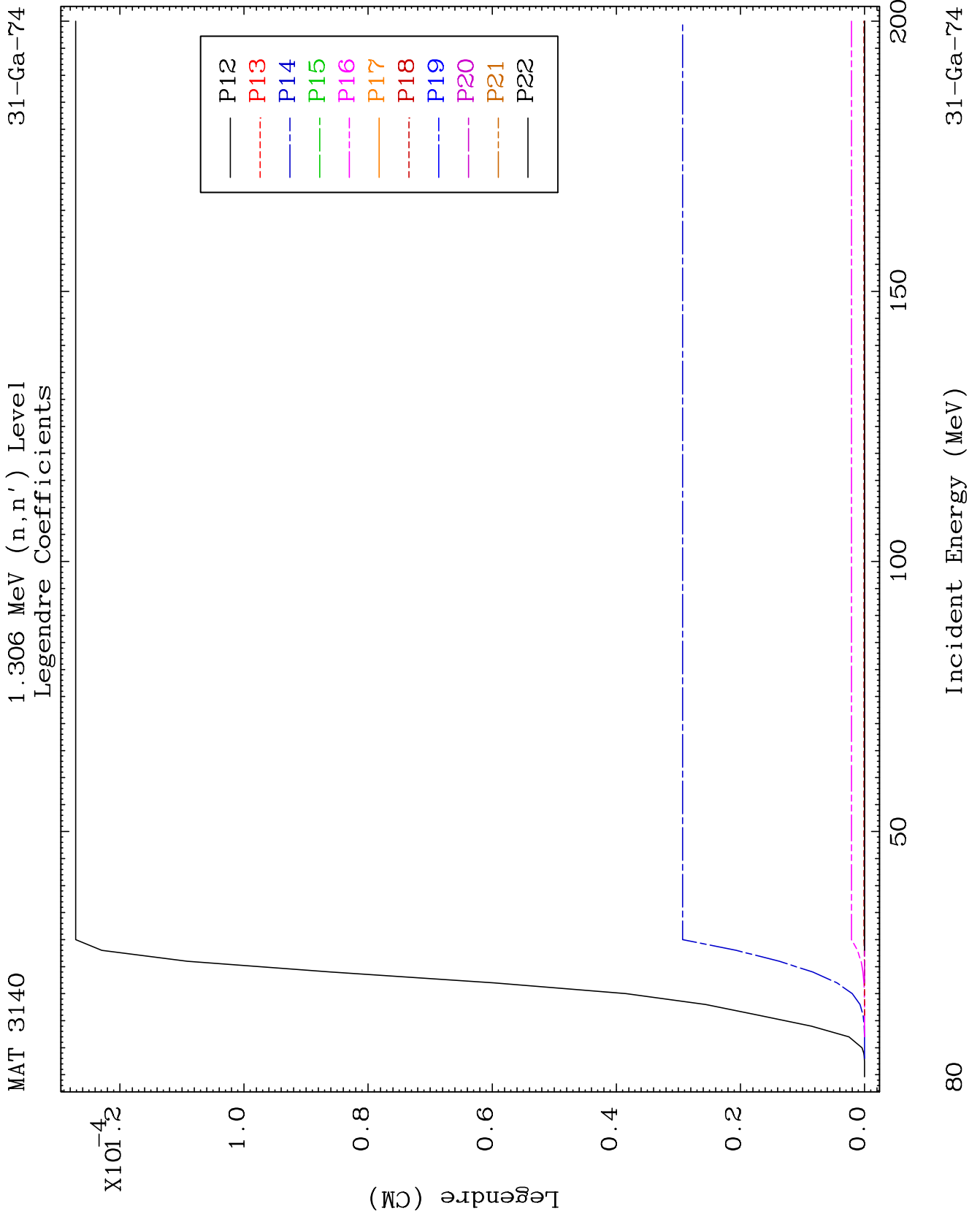


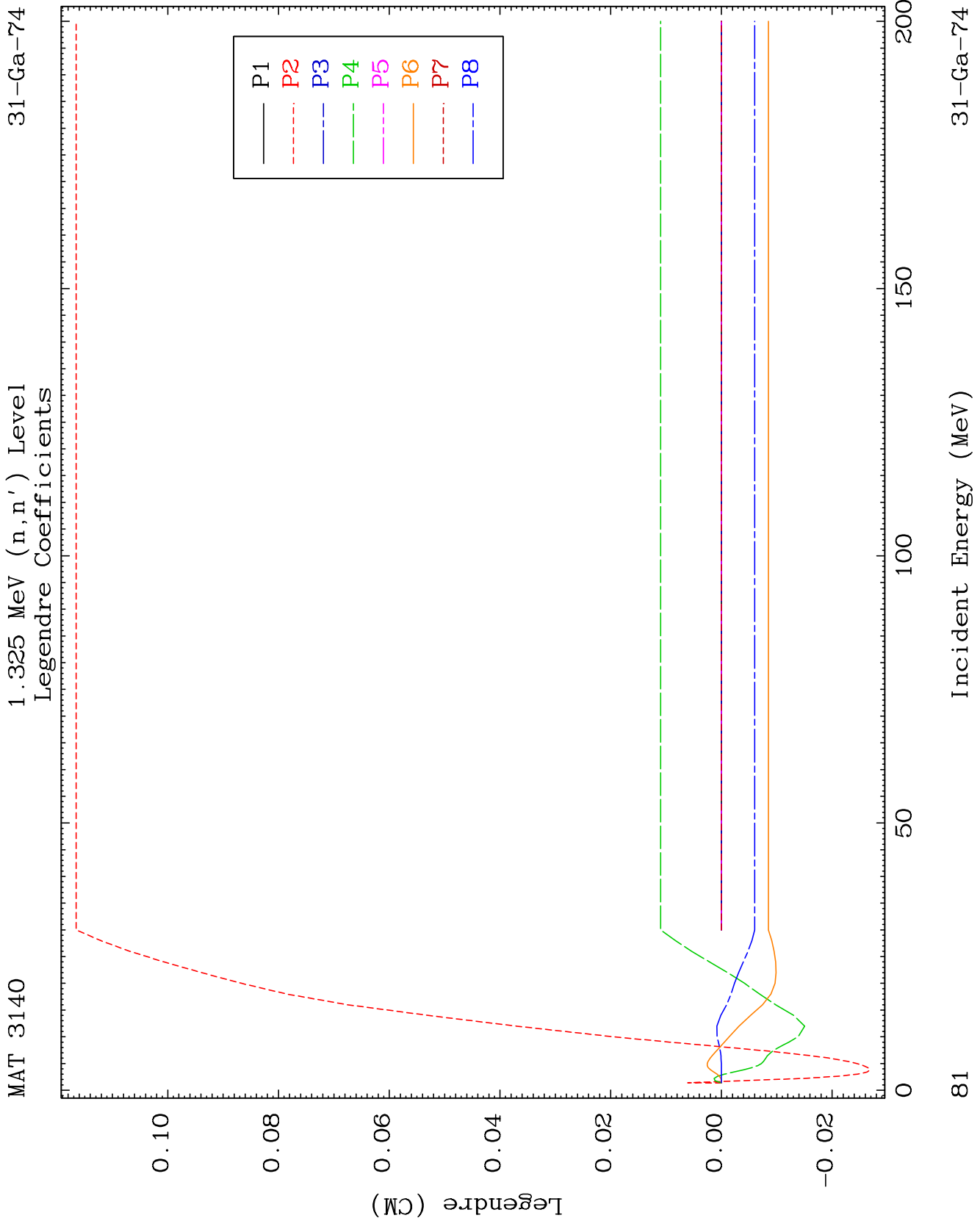


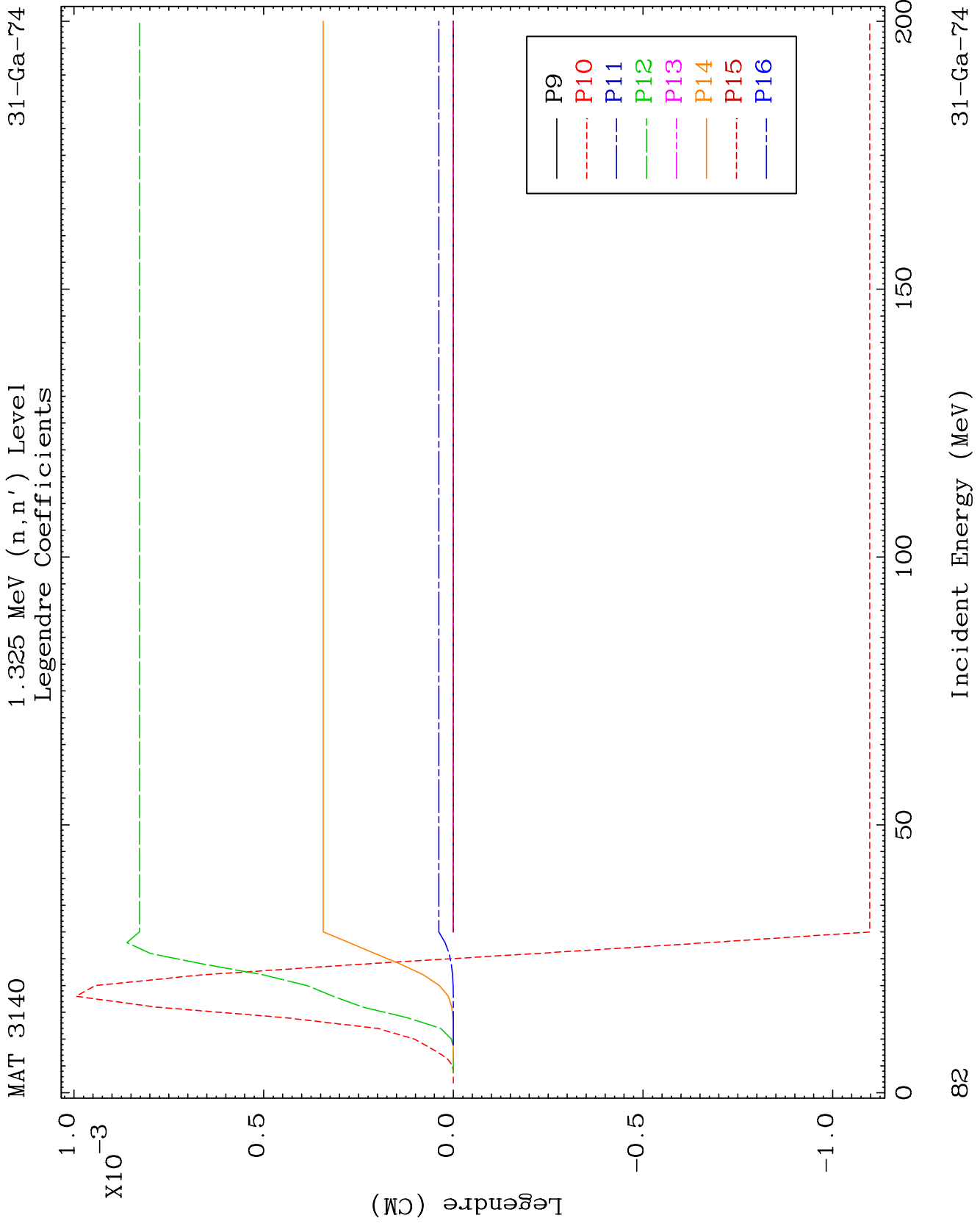


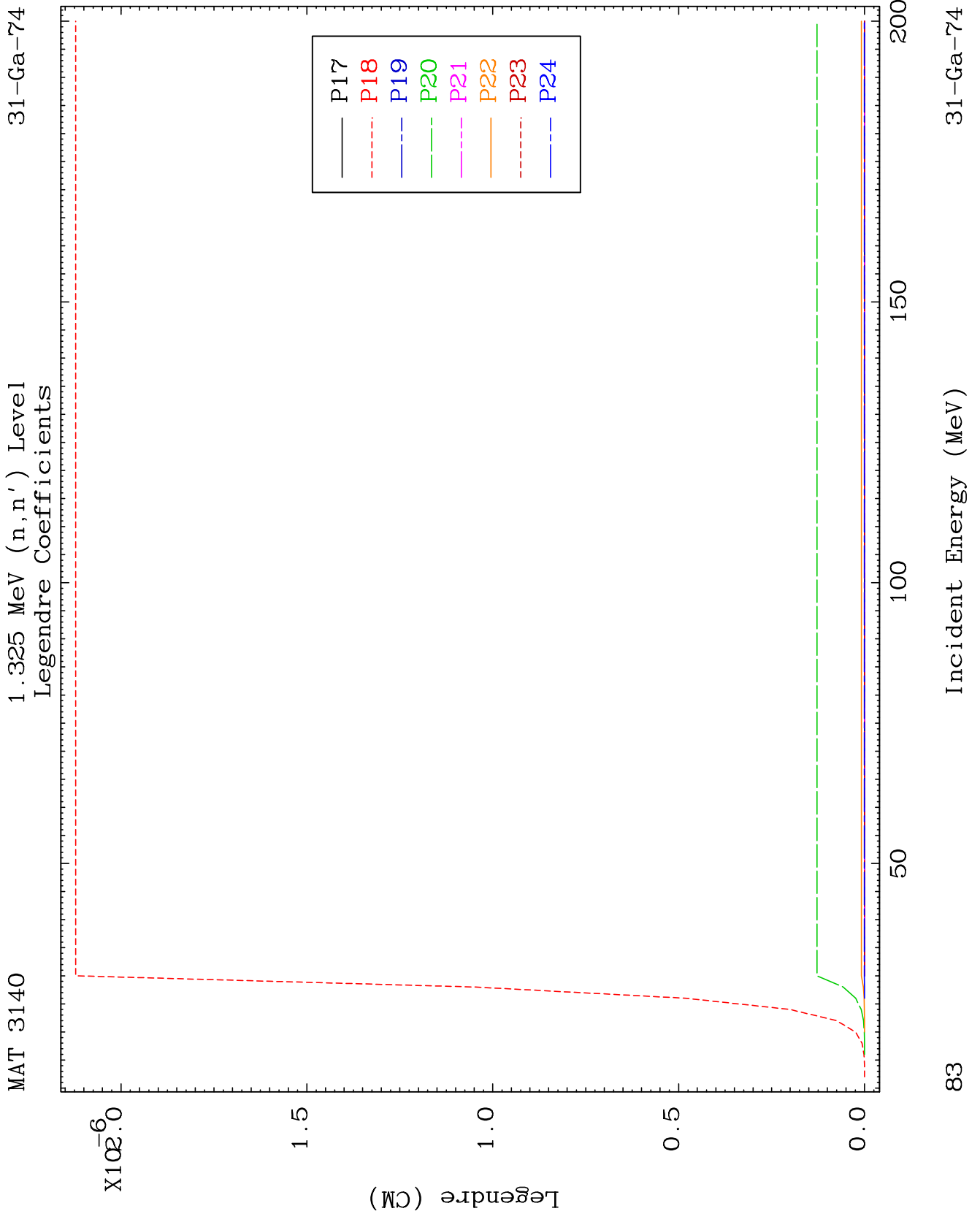


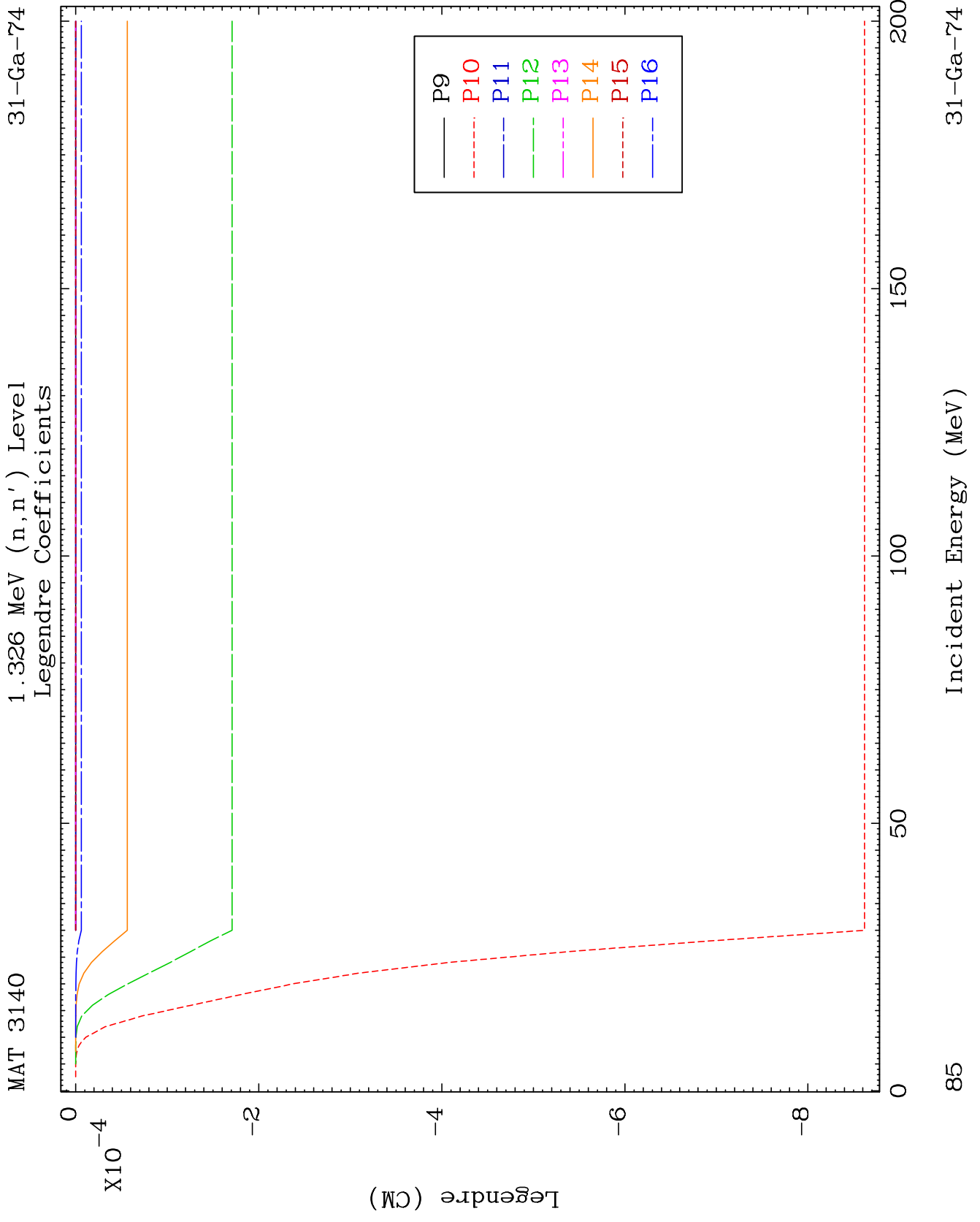


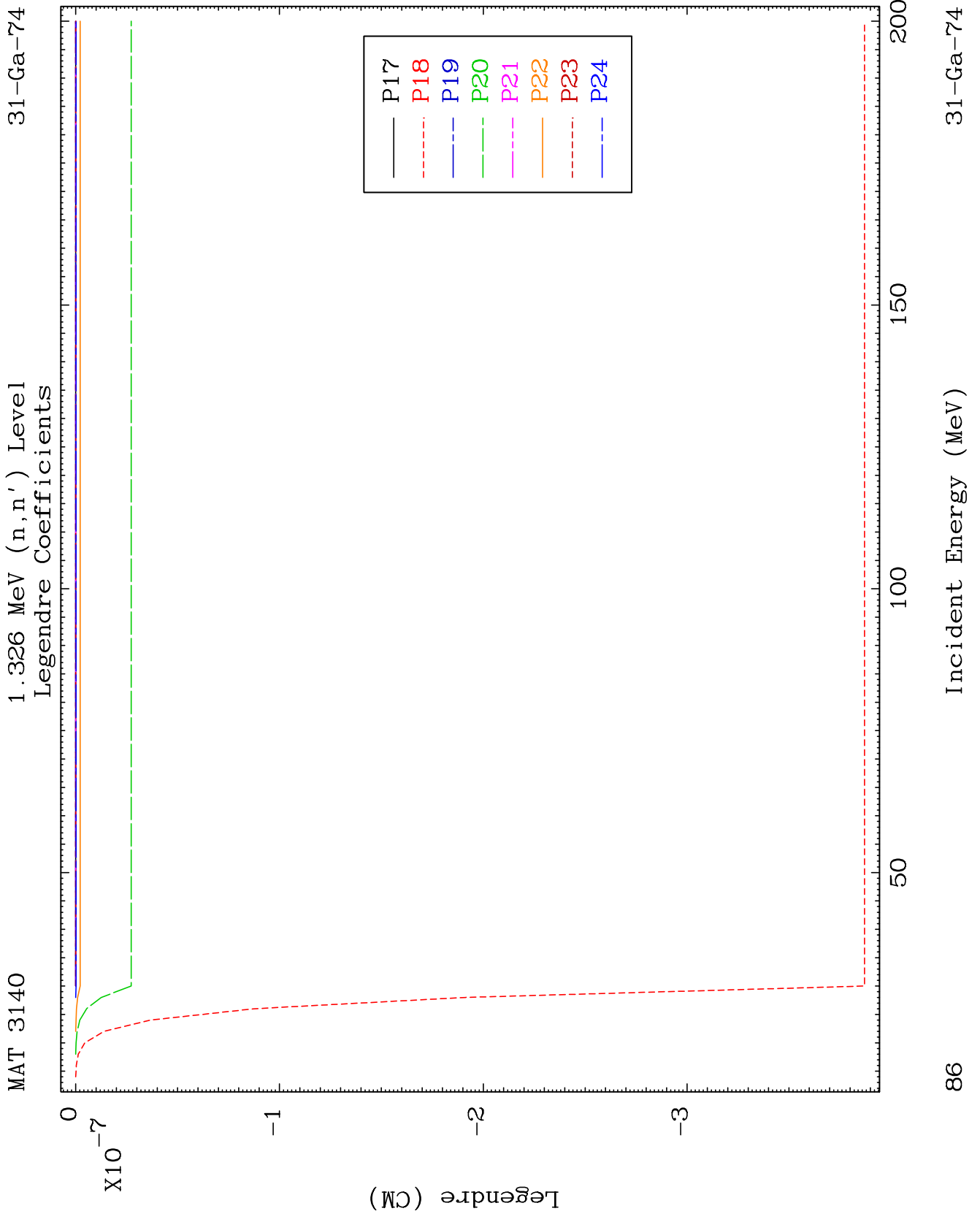


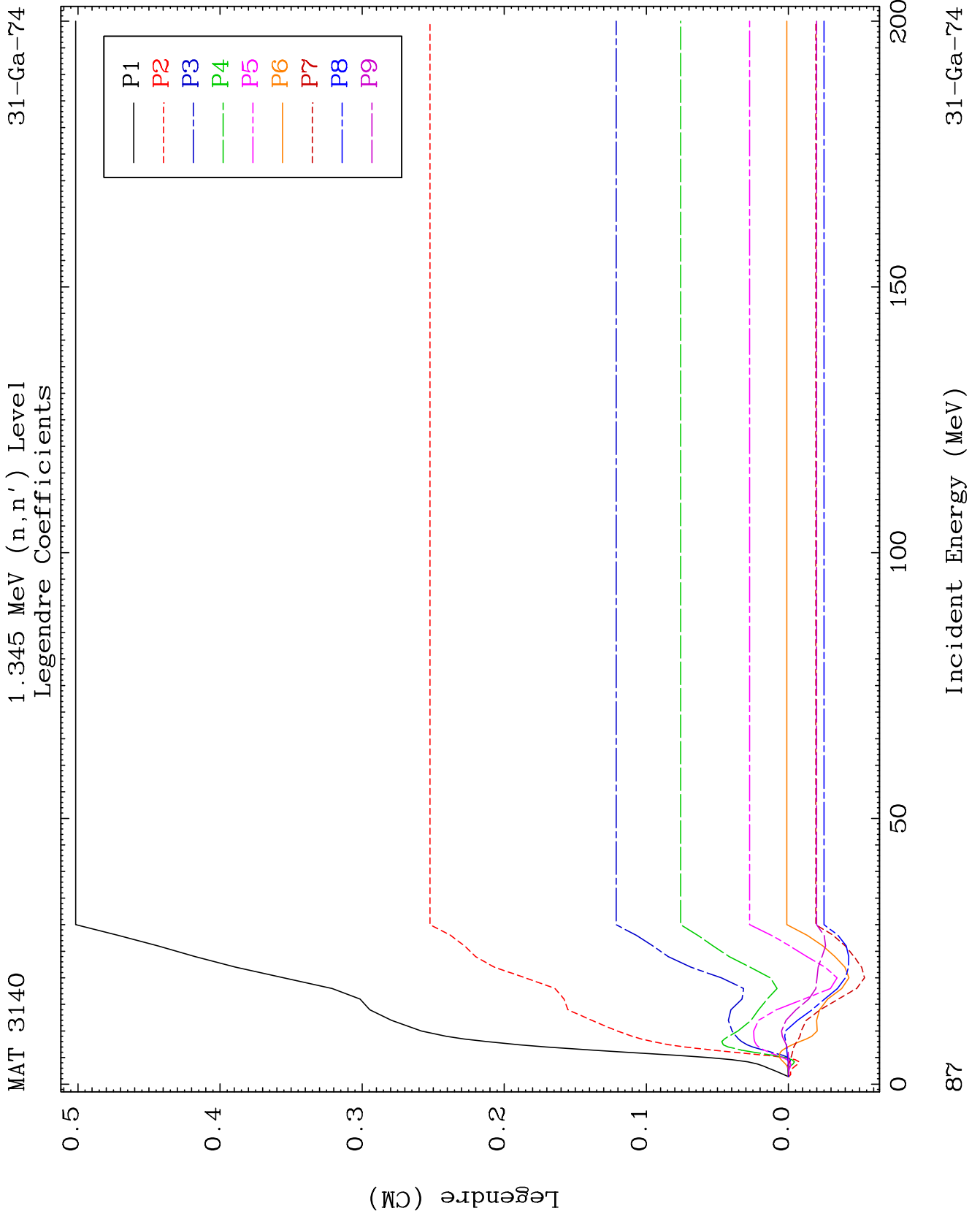


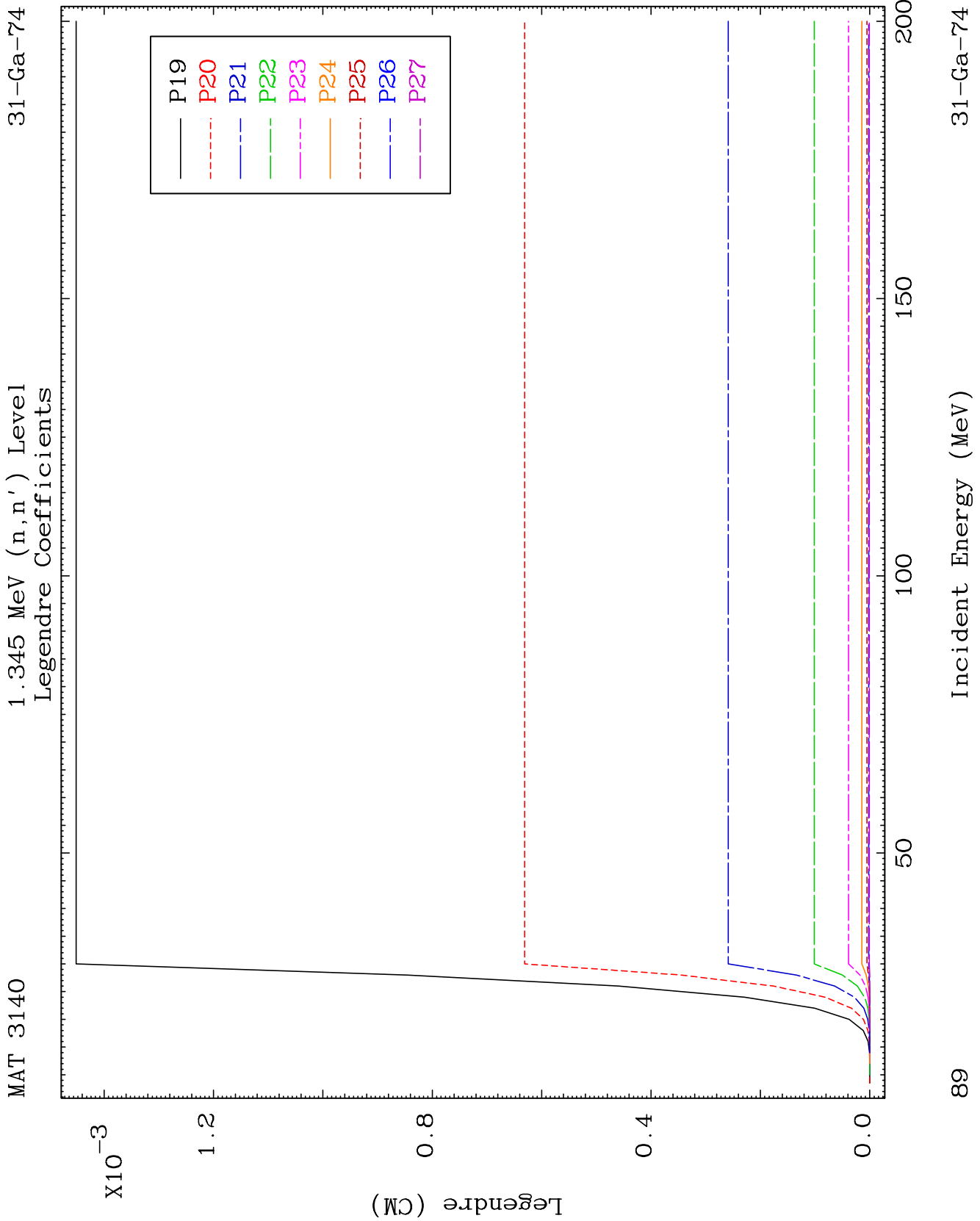


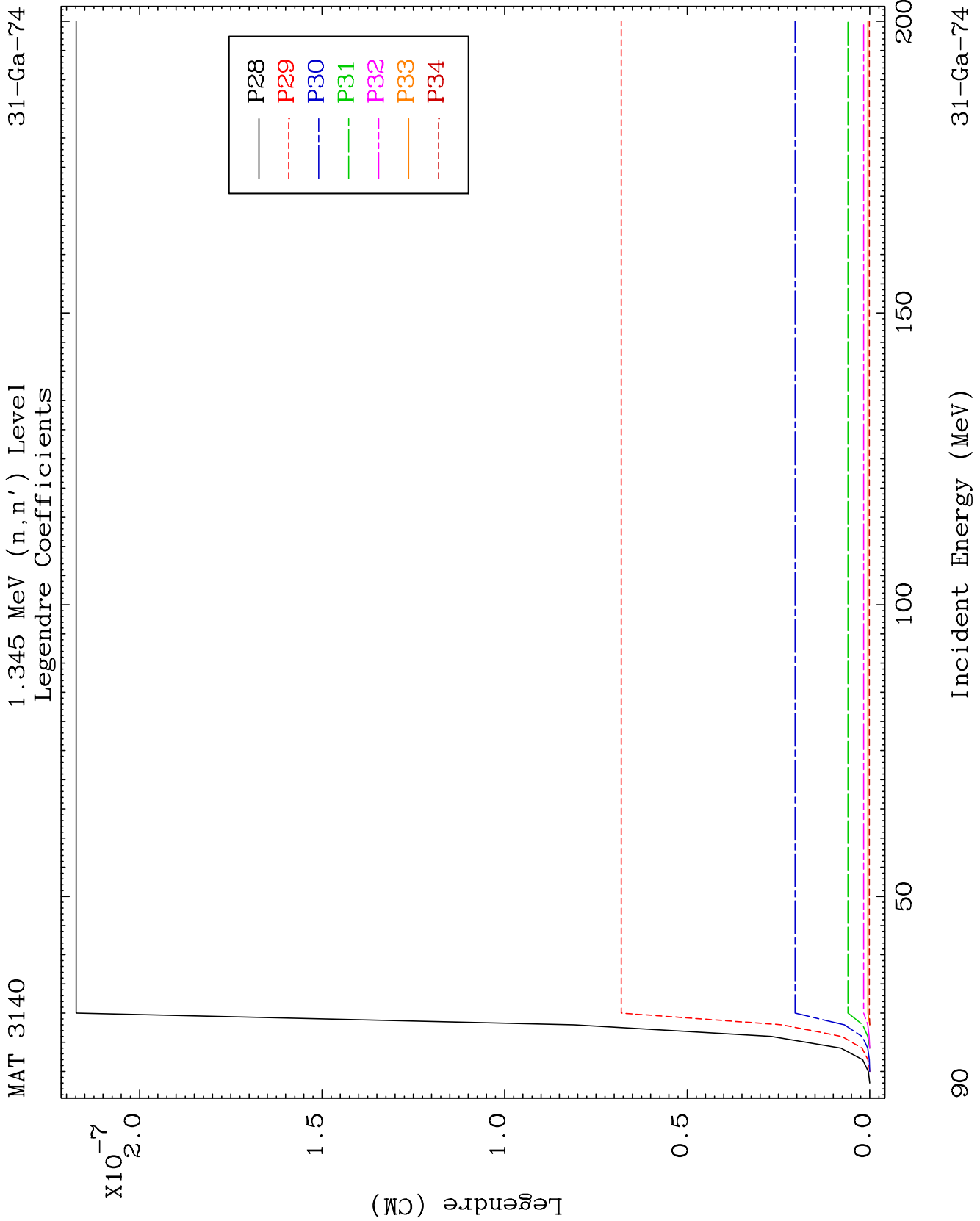


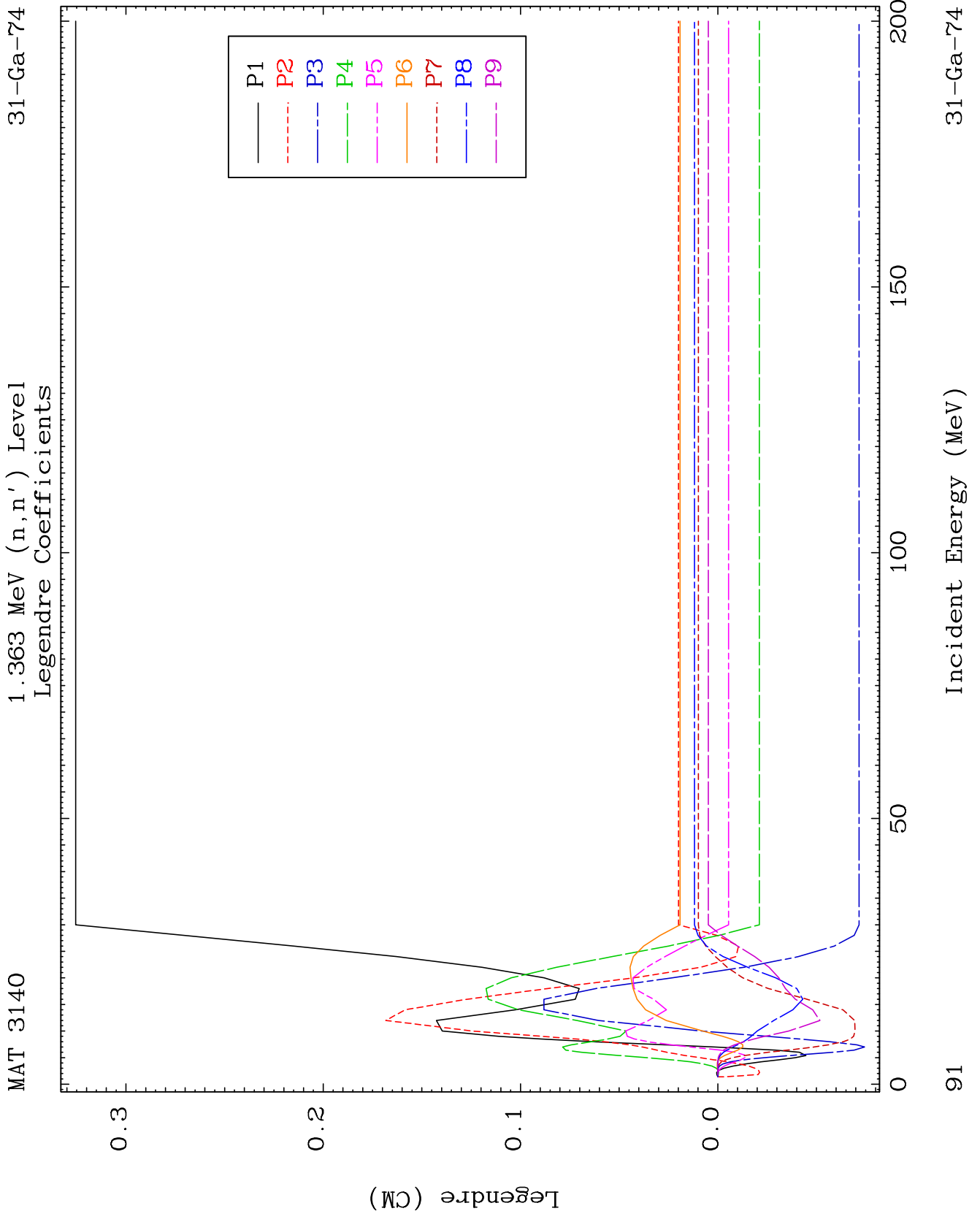


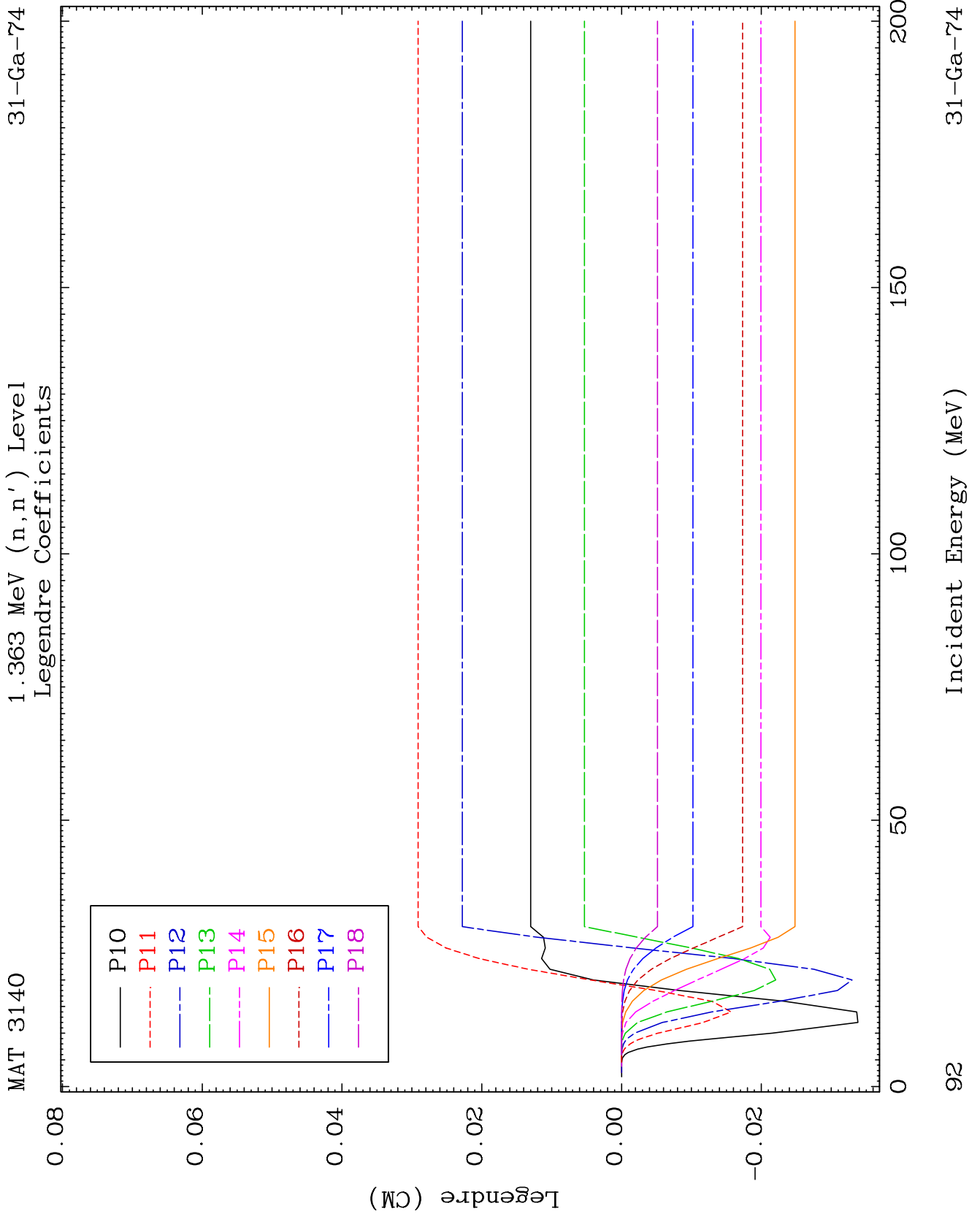


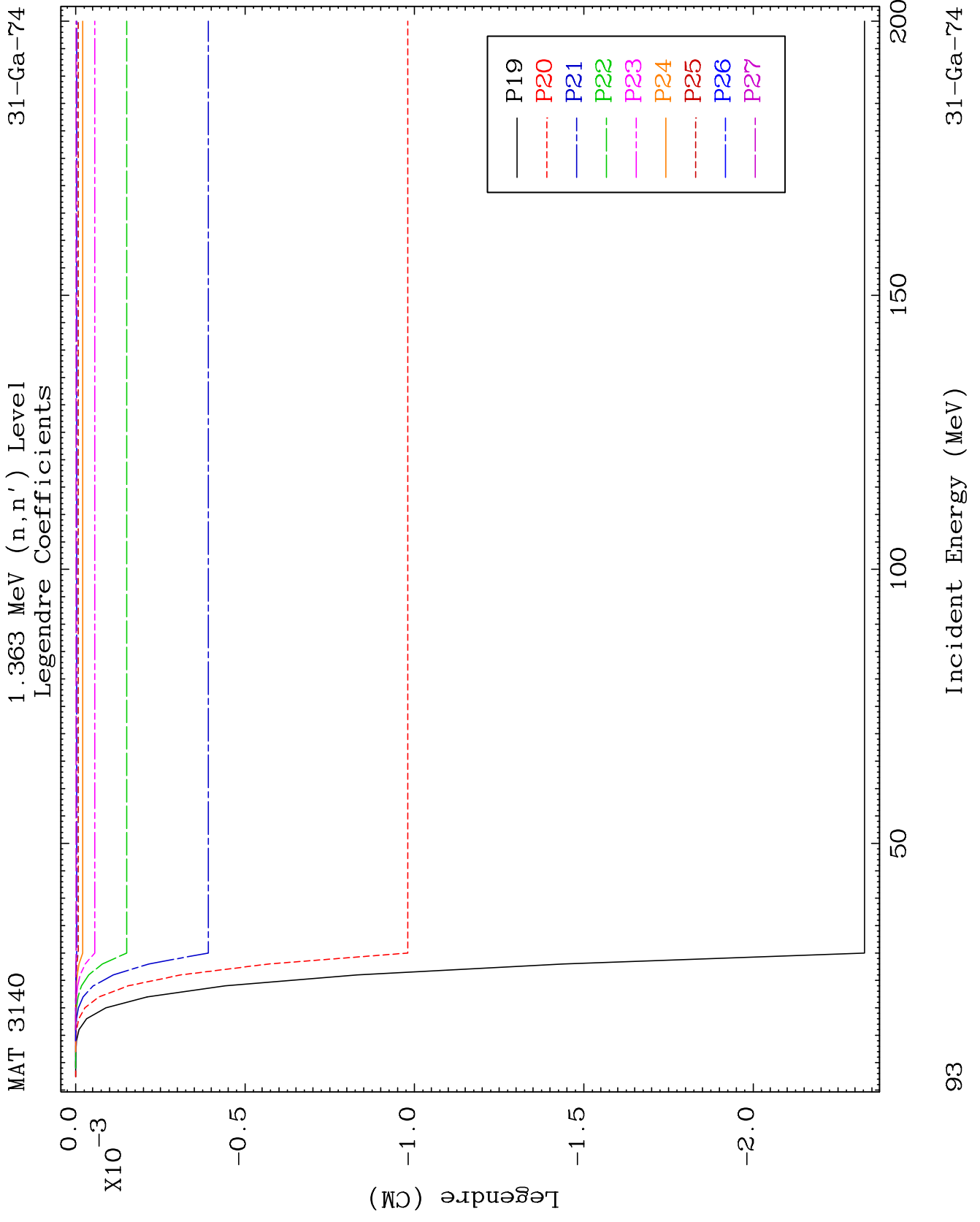


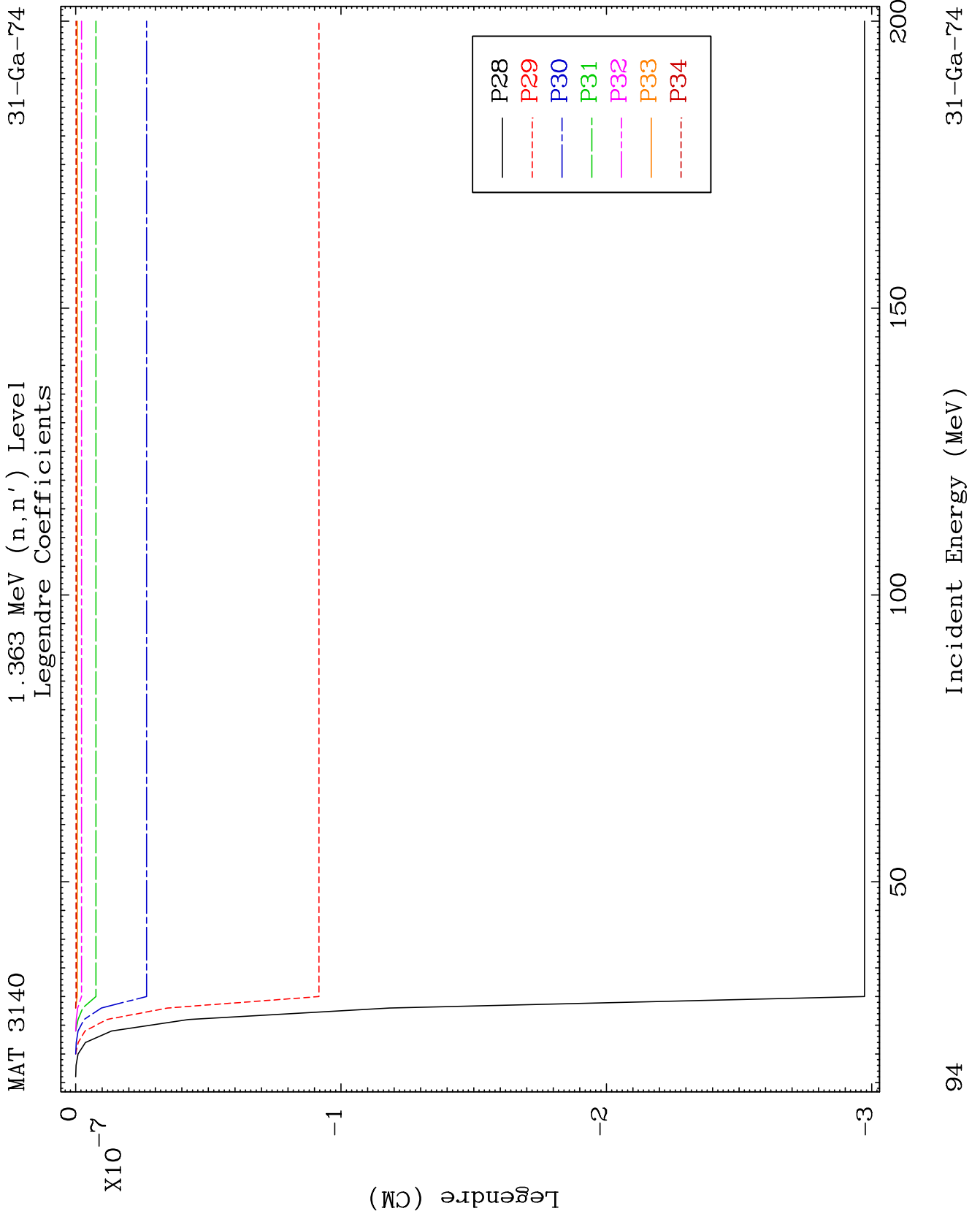


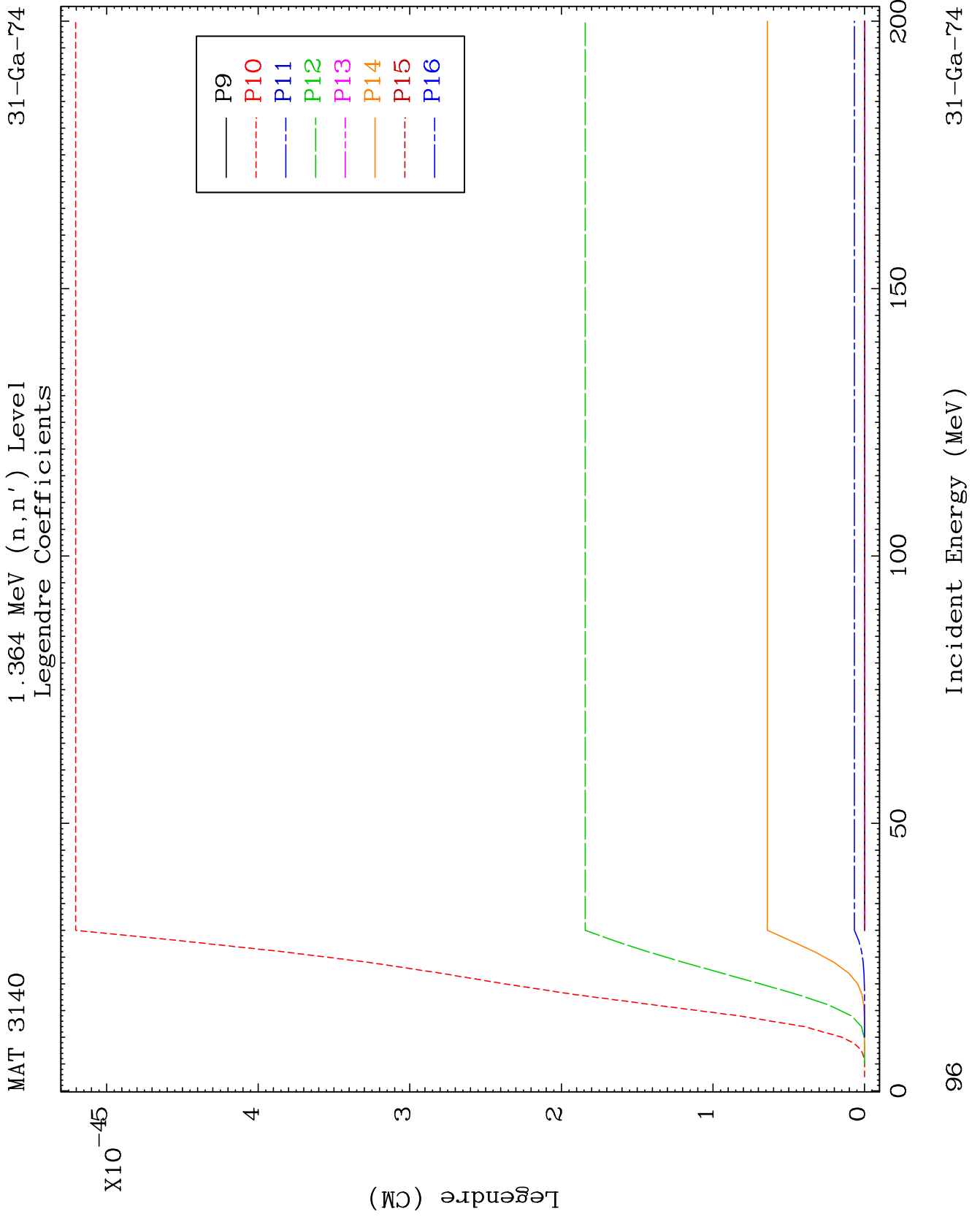


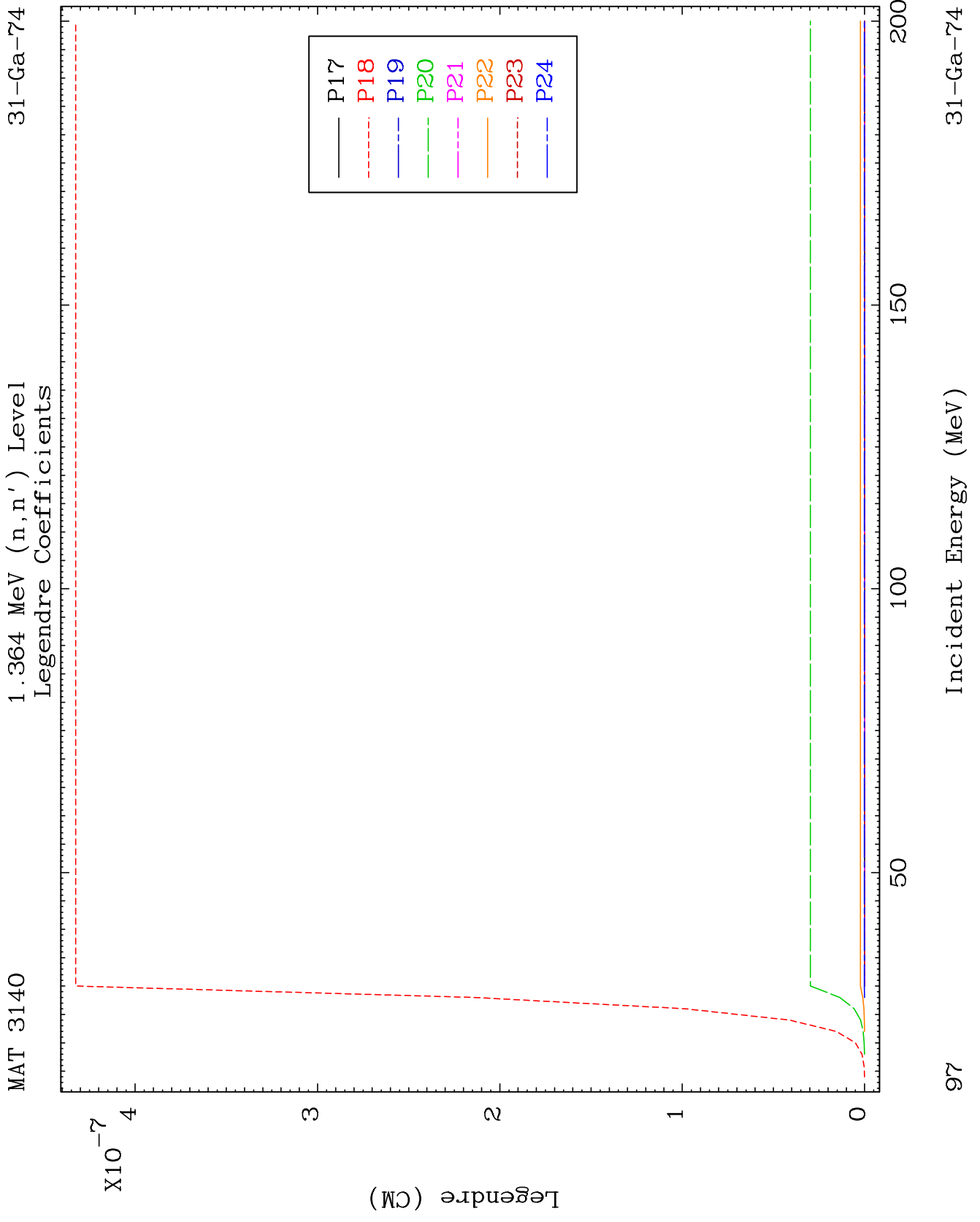








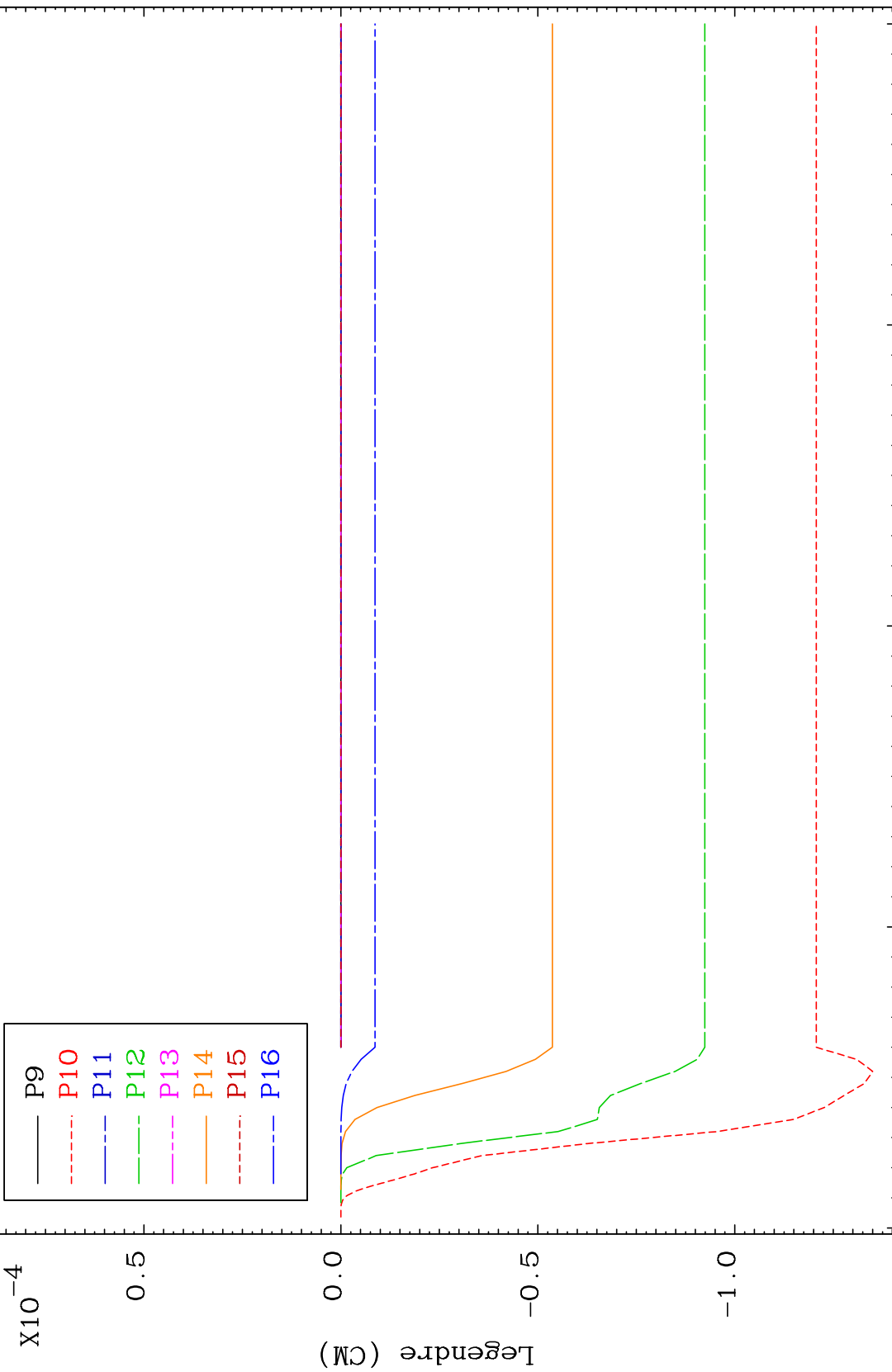
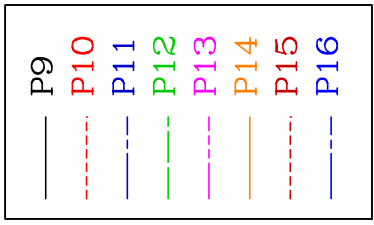




MAT 3140

1.370 MeV (n,n') Level
Legendre Coefficients

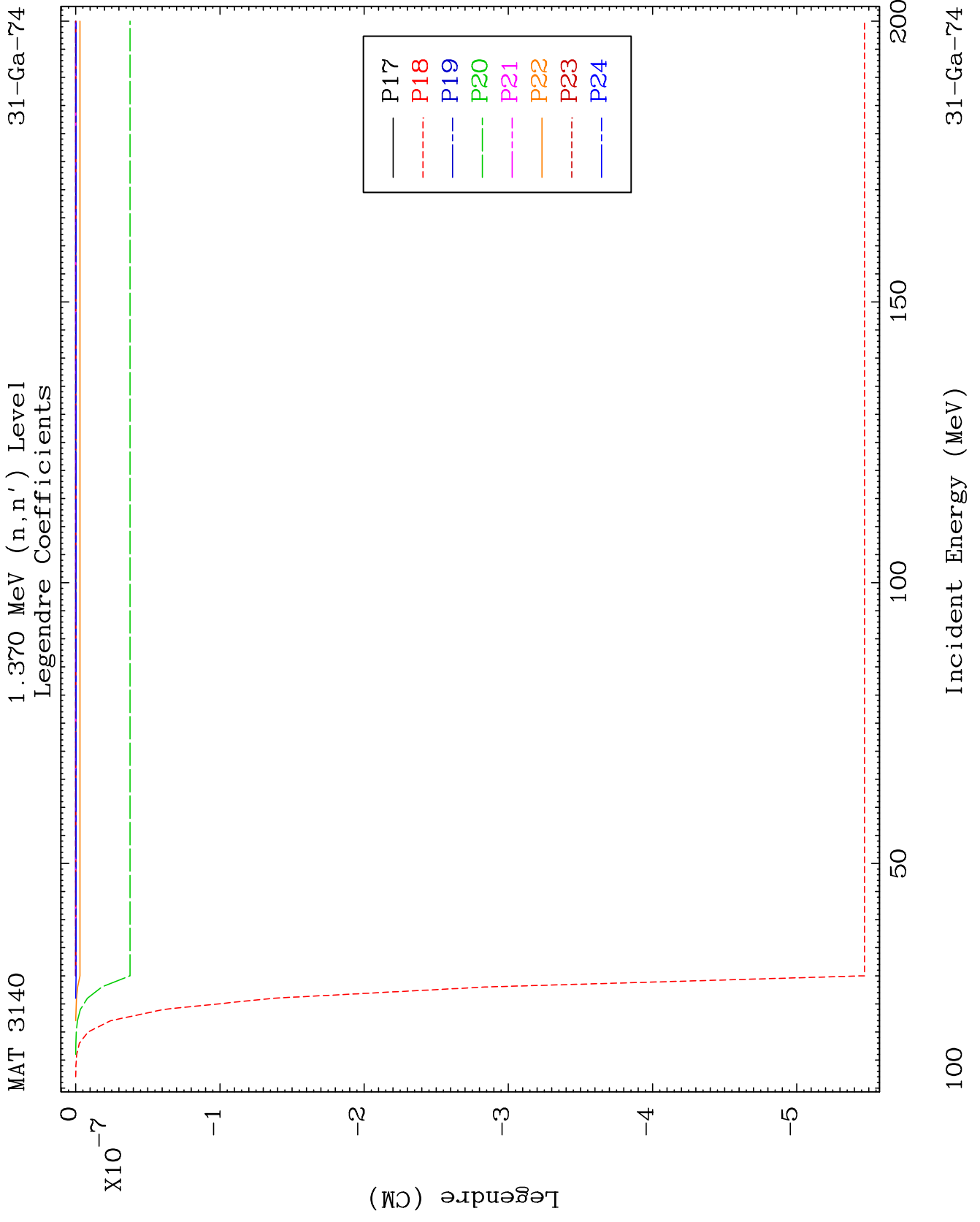
31-Ga-74

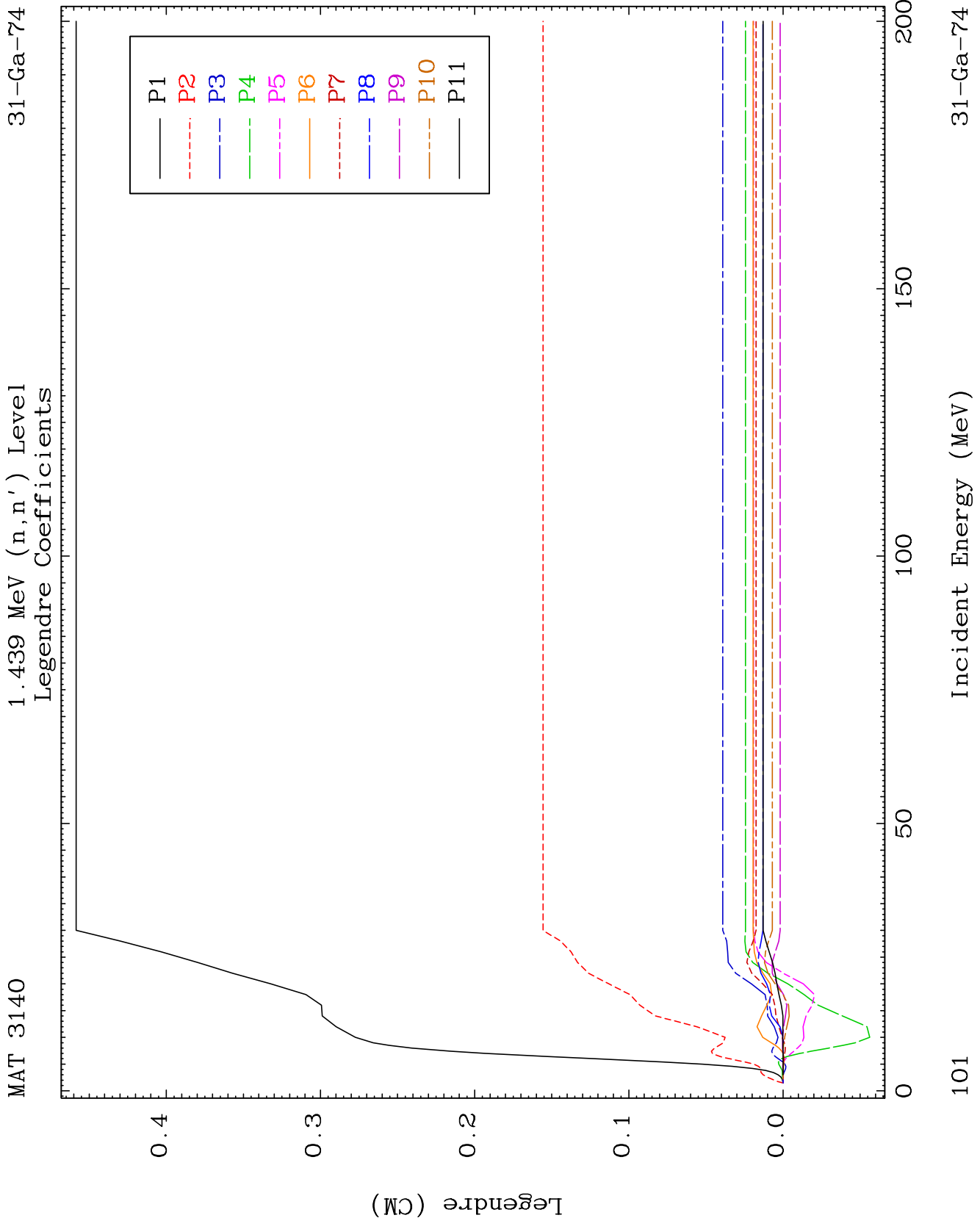


99

Incident Energy (MeV)

31-Ga-74

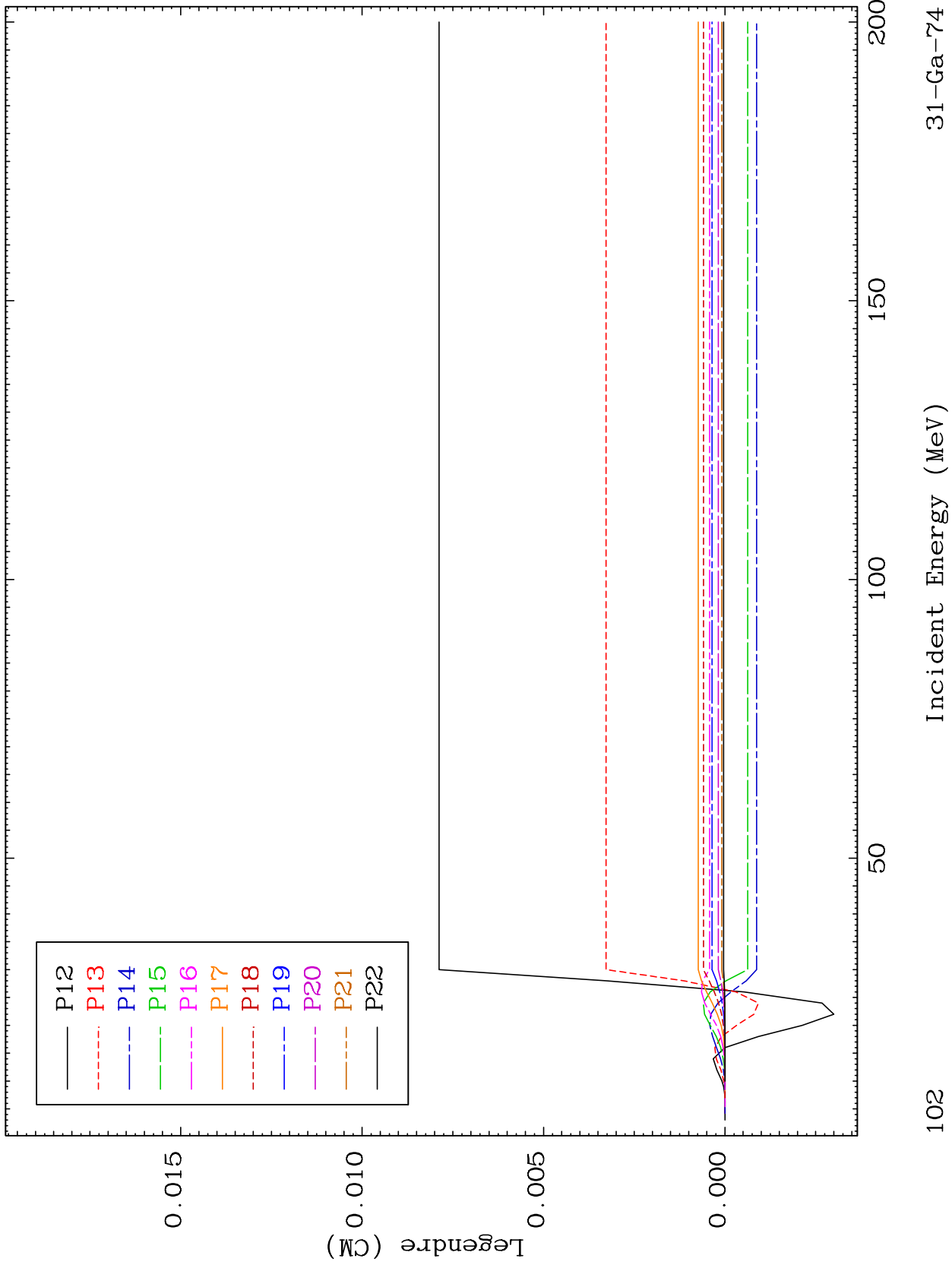




MAT 3140

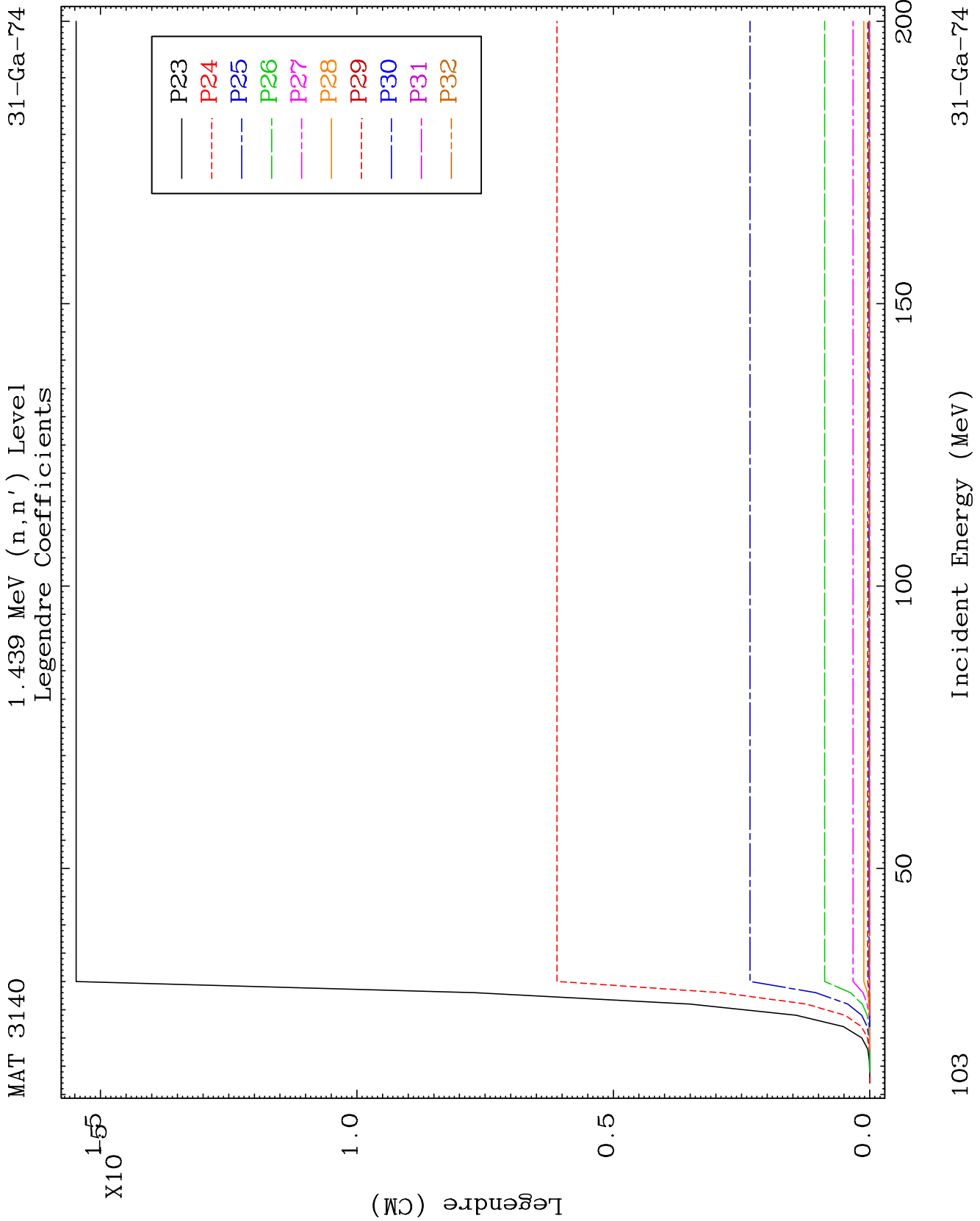
1.439 MeV (n,n') Level
Legendre Coefficients

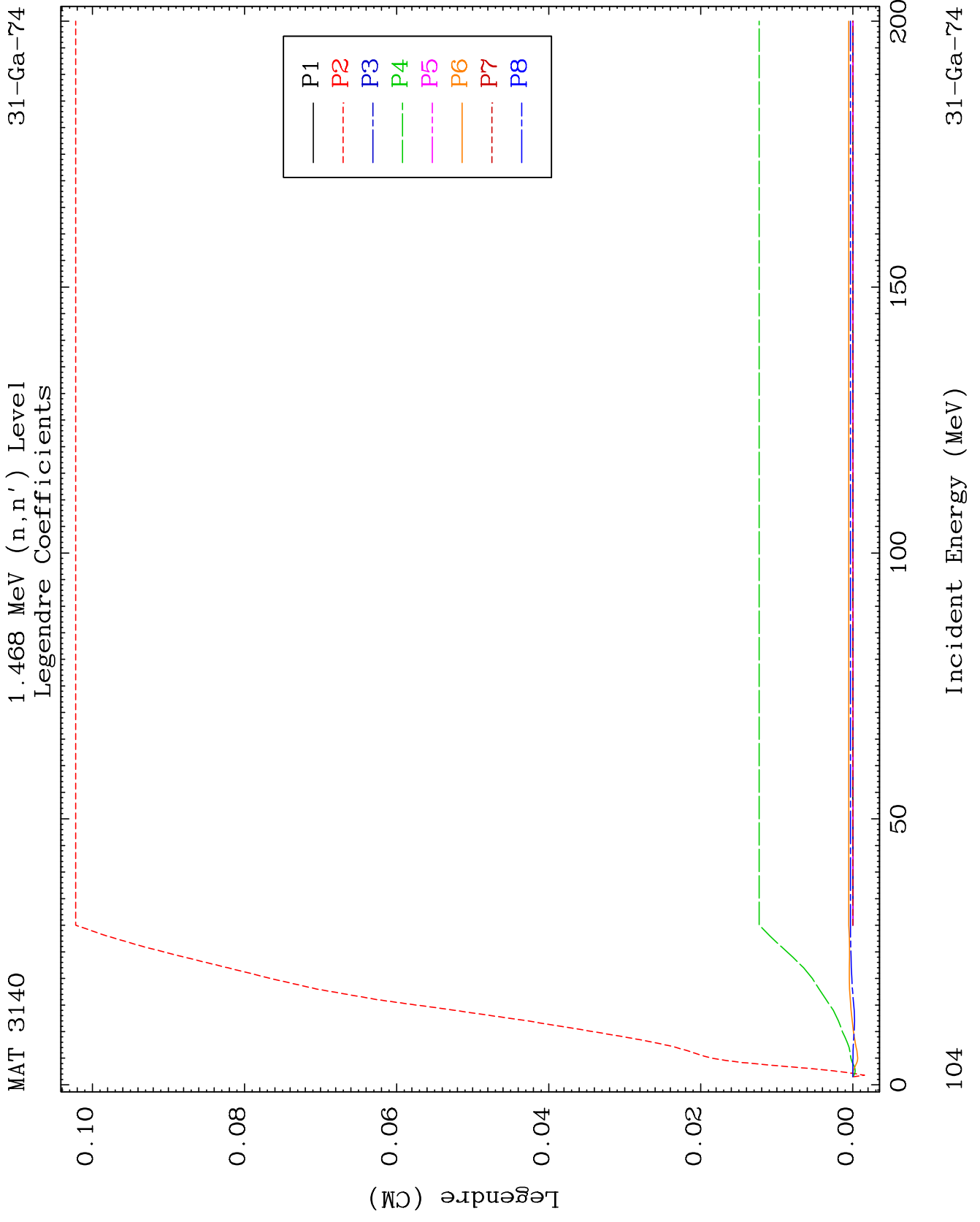
31-Ga-74

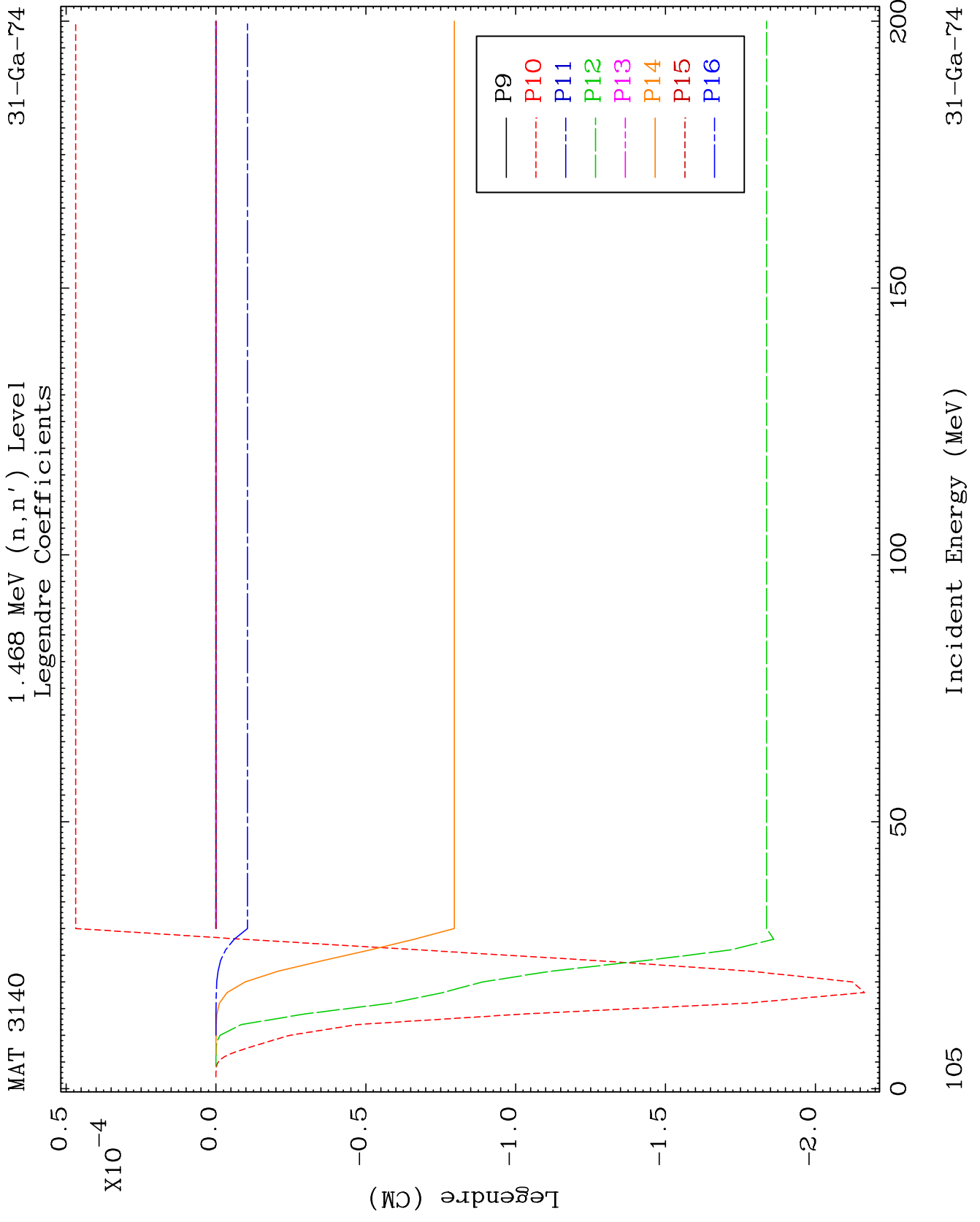


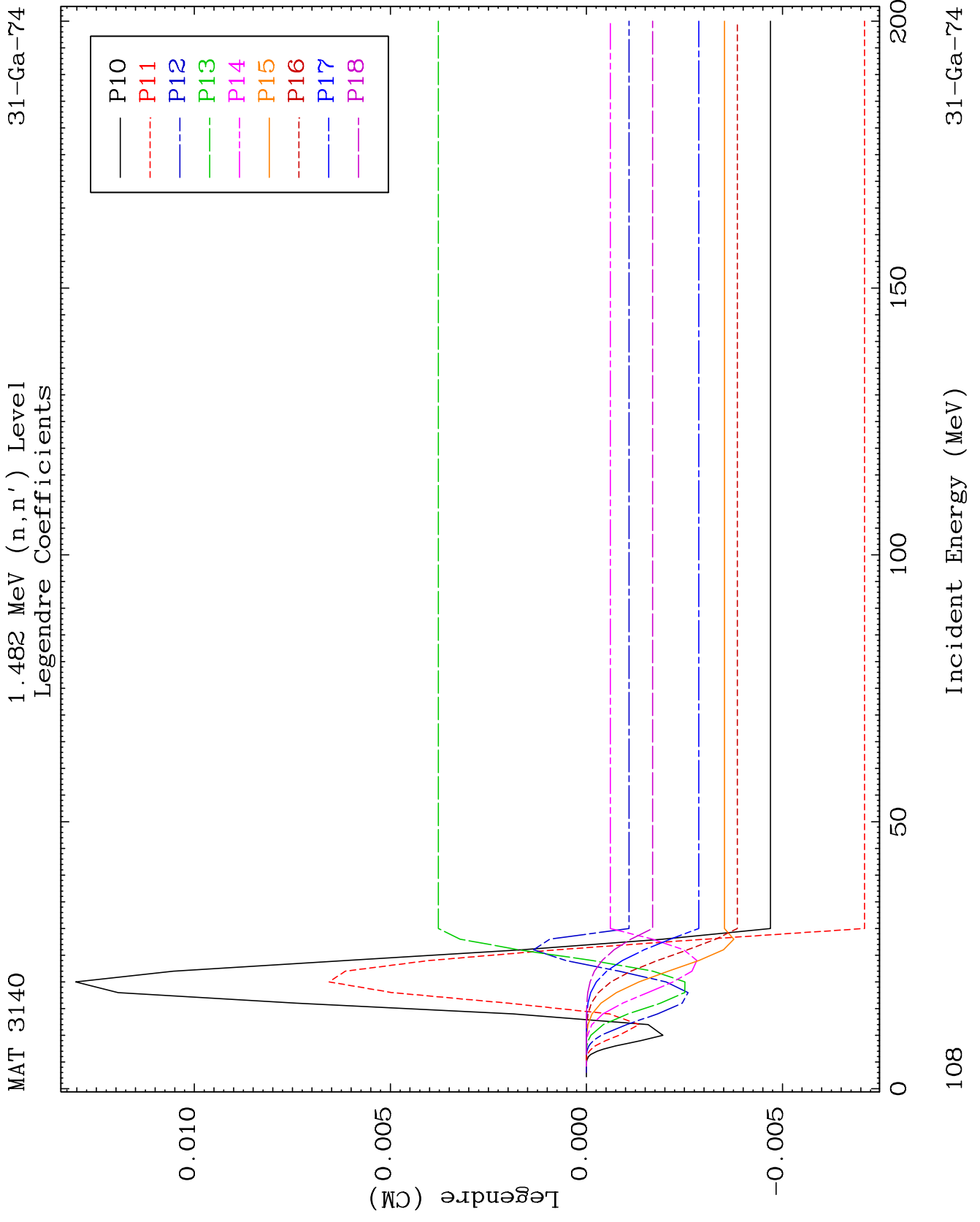
102

31-Ga-74





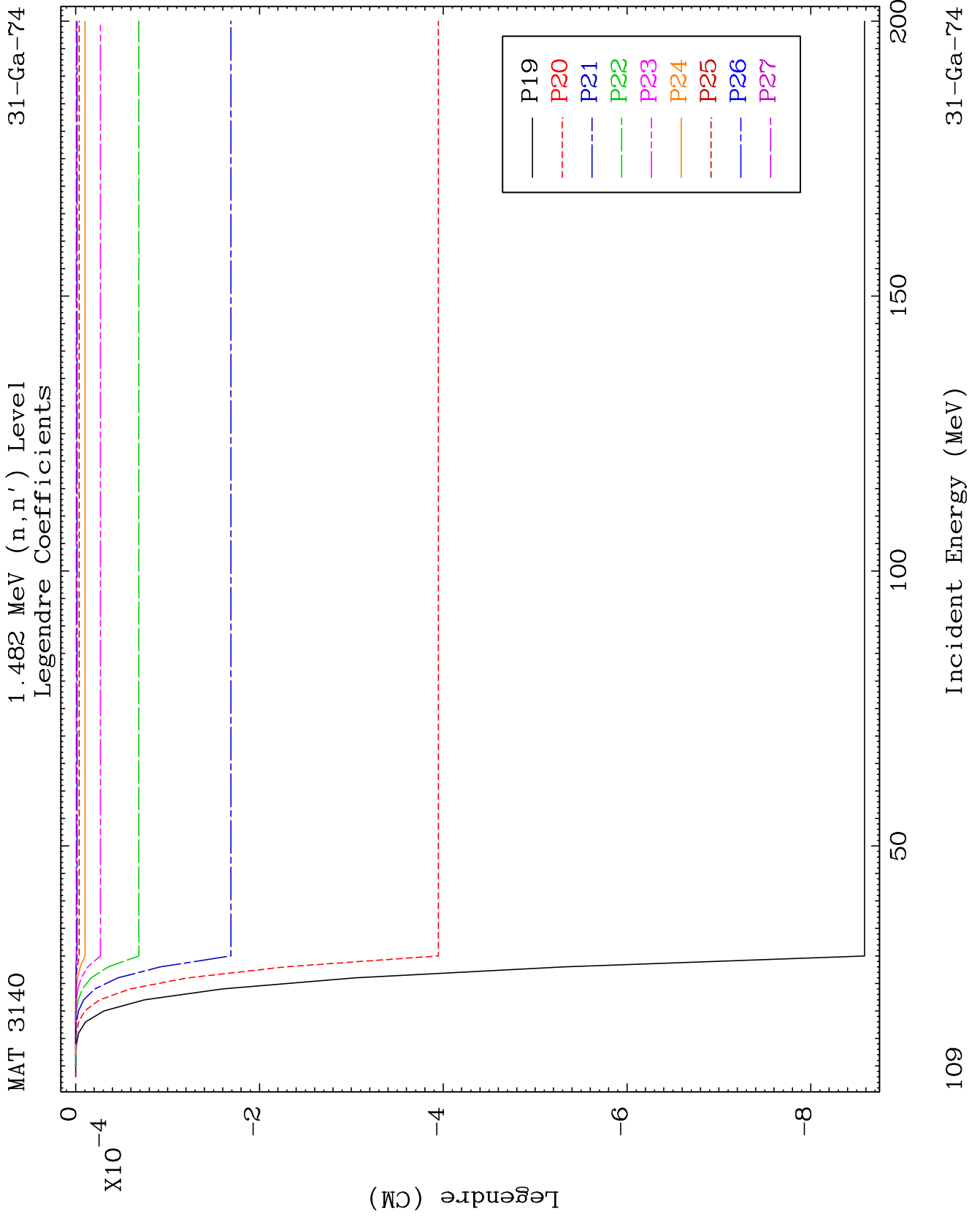


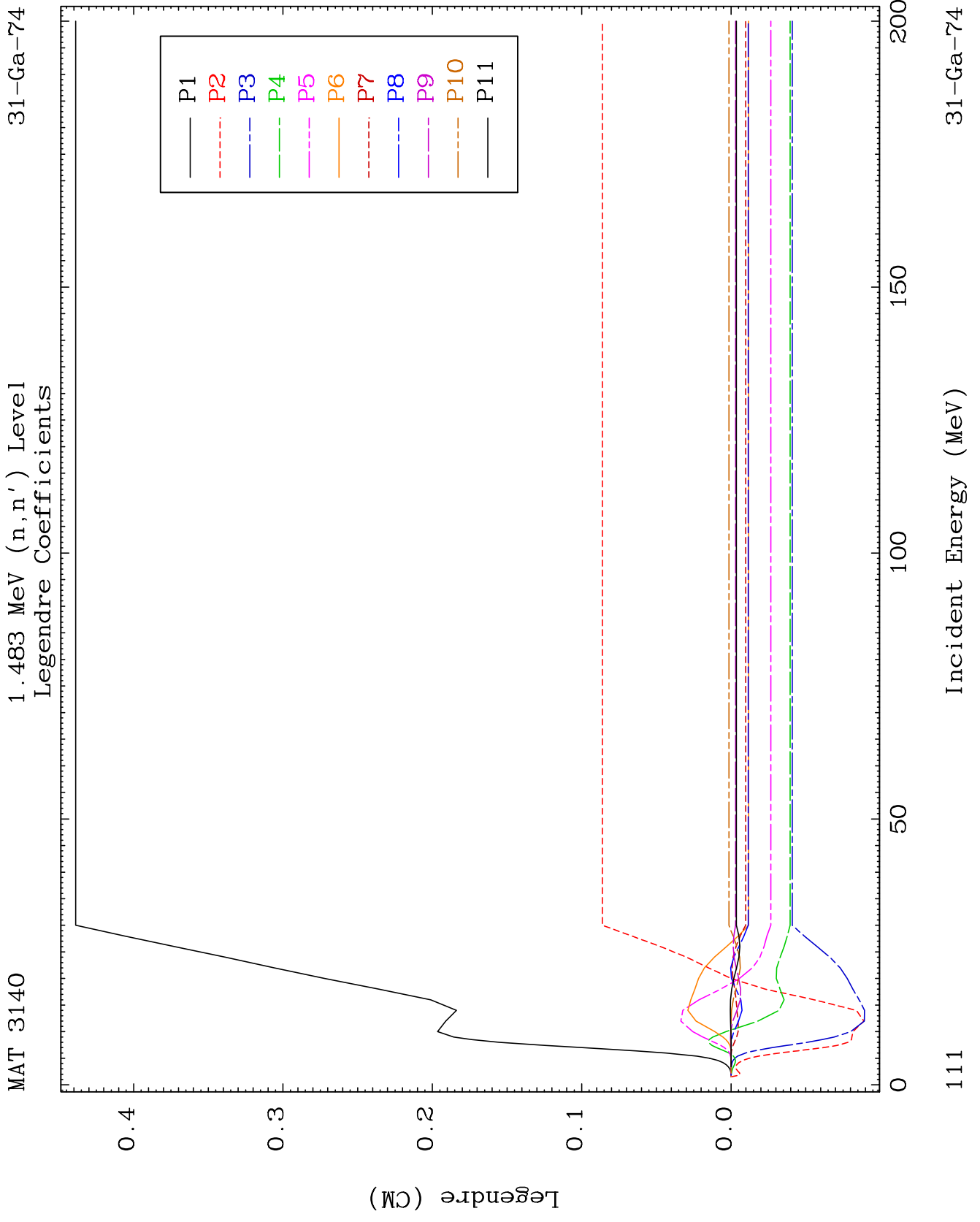


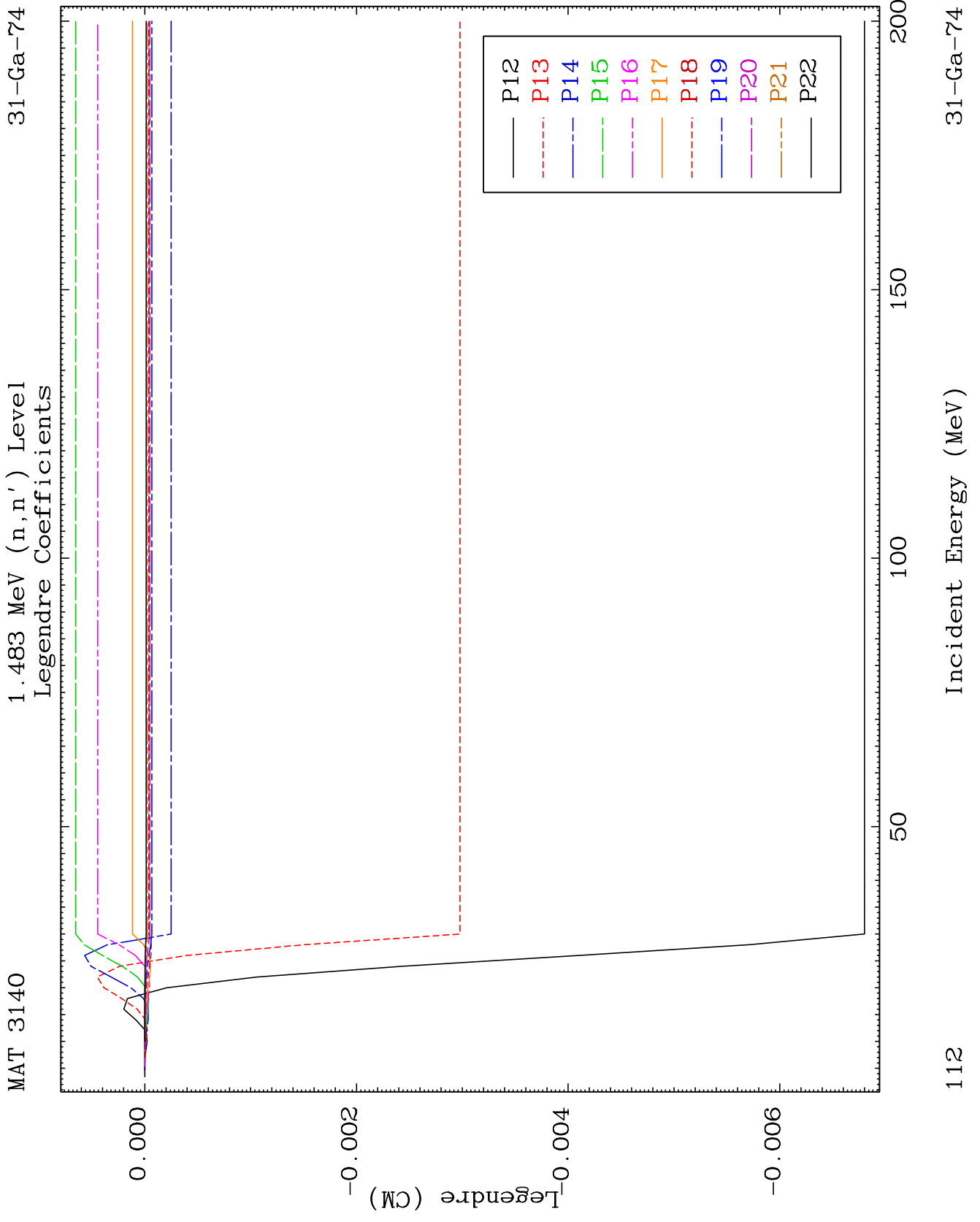
31-Ga-74

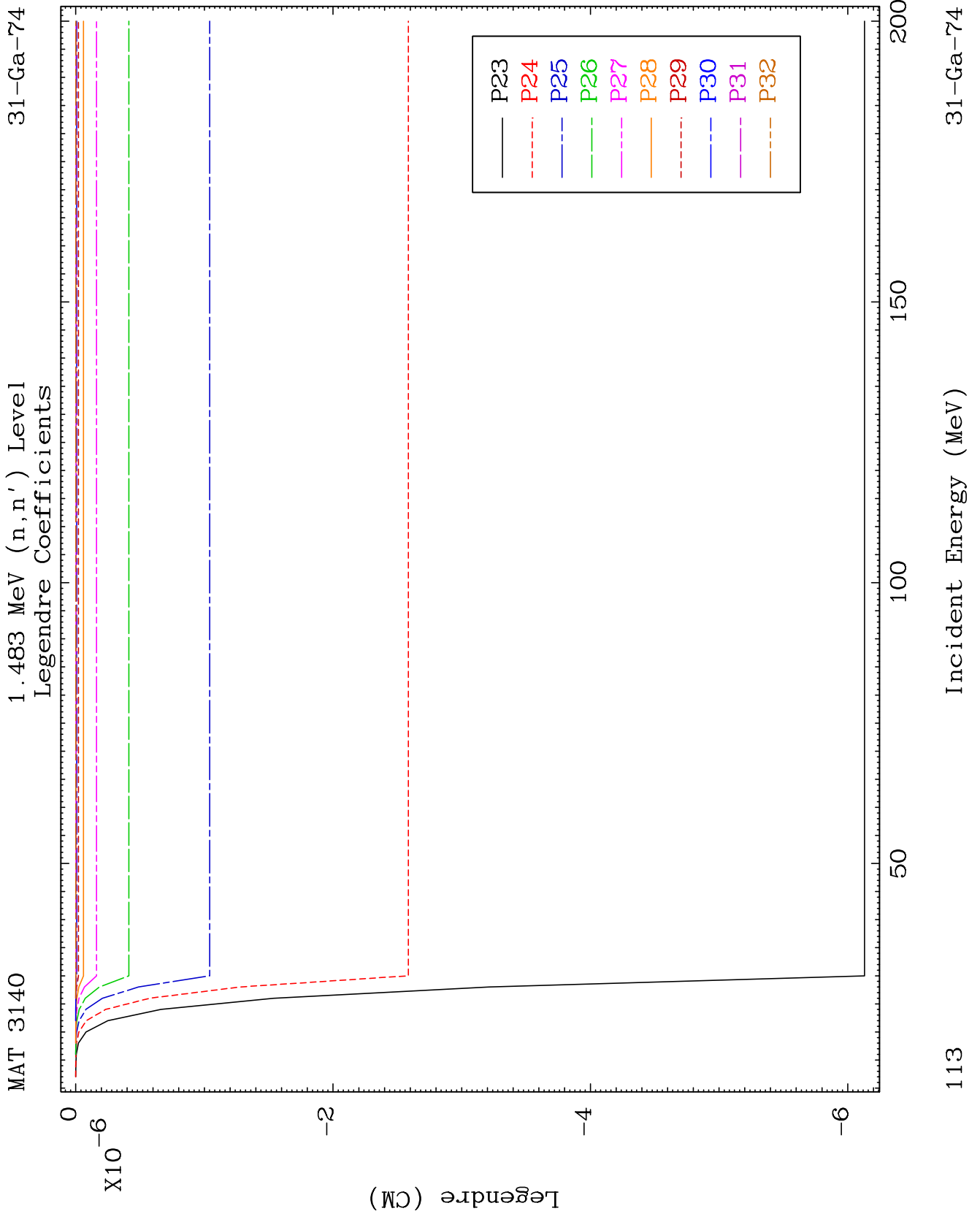
Incident Energy (MeV)

108





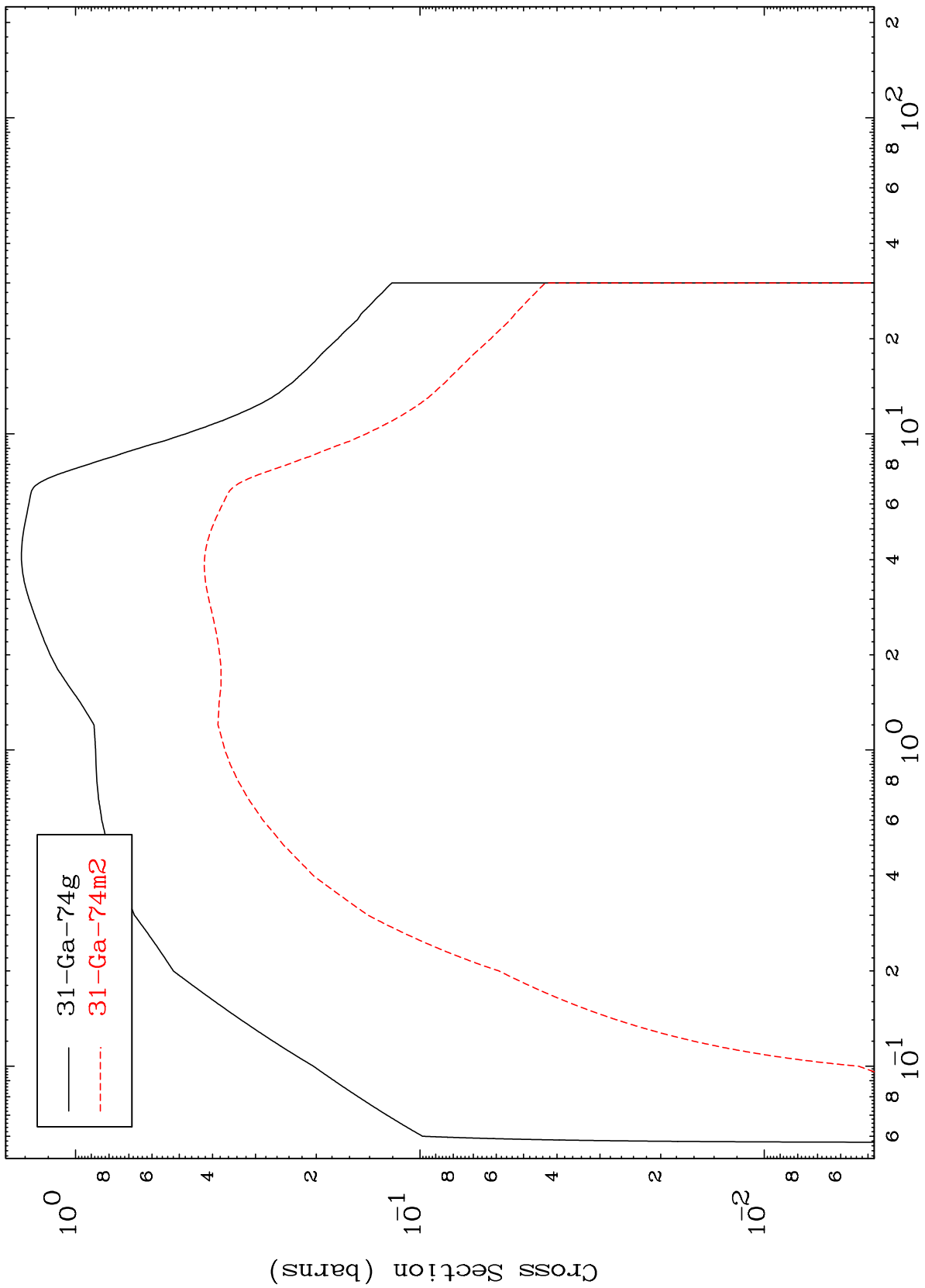




MAT 3140

31-Ga-74

Inelastic
Radionuclide Production Cross Section



— 31-Ga-74g
- - - 31-Ga-74m2

116

31-Ga-74

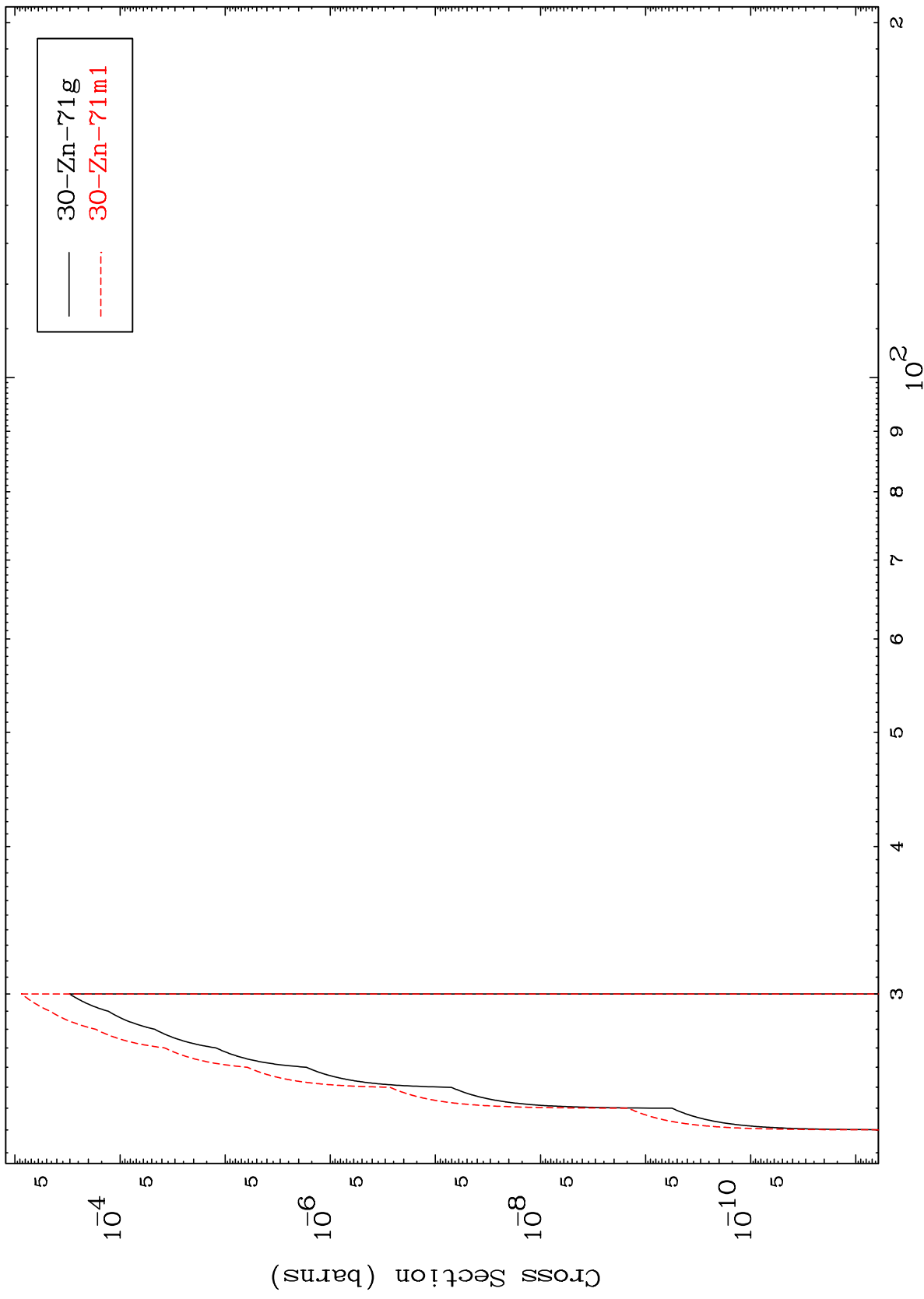
Incident Energy (MeV)

MAT 3140

(n,2n) d

31-Ga-74

Radionuclide Production Cross Section



117

Incident Energy (MeV)

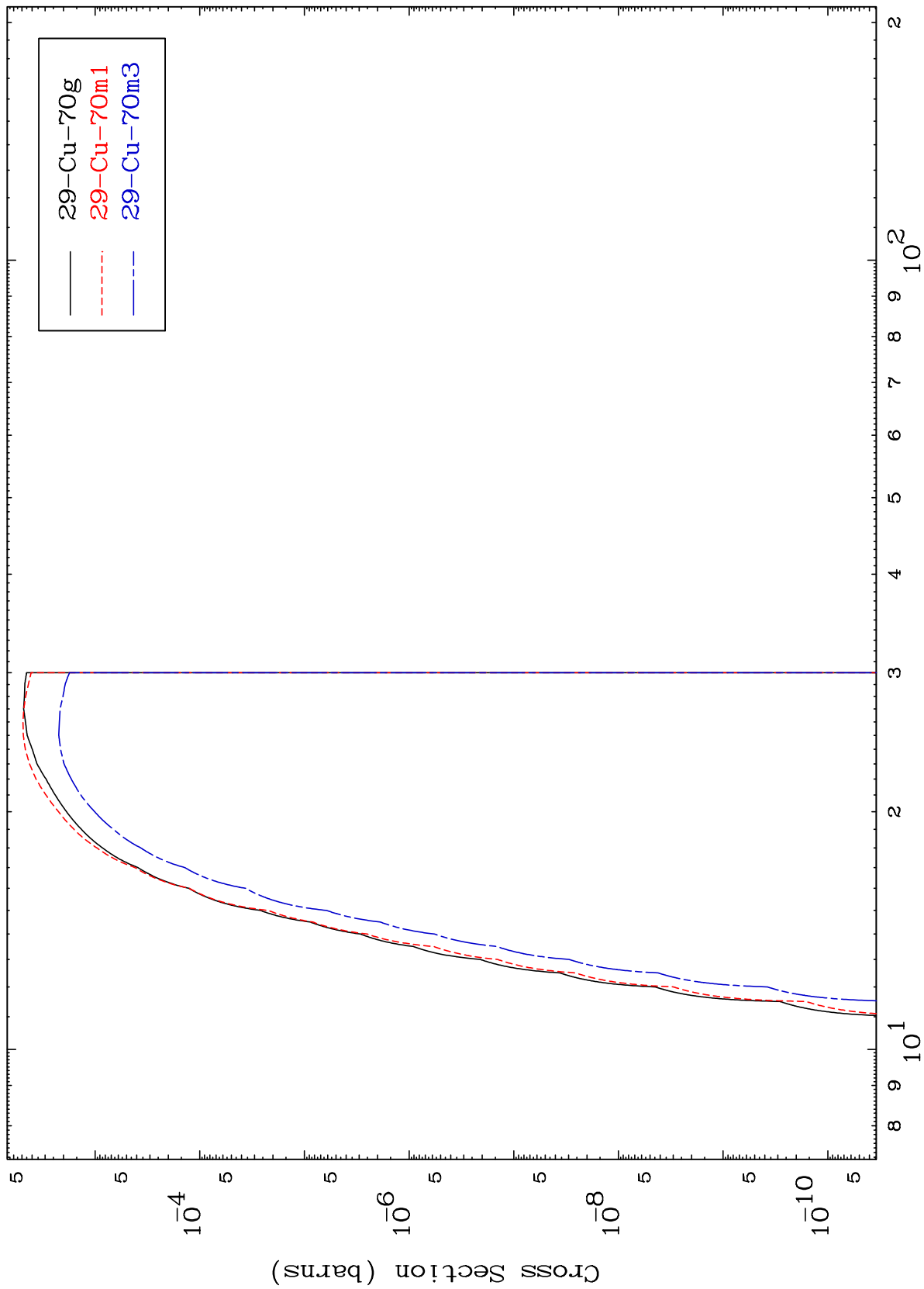
31-Ga-74

MAT 3140

$(n, n') \alpha$

31-Ga-74

Radionuclide Production Cross Section



118

Incident Energy (MeV)

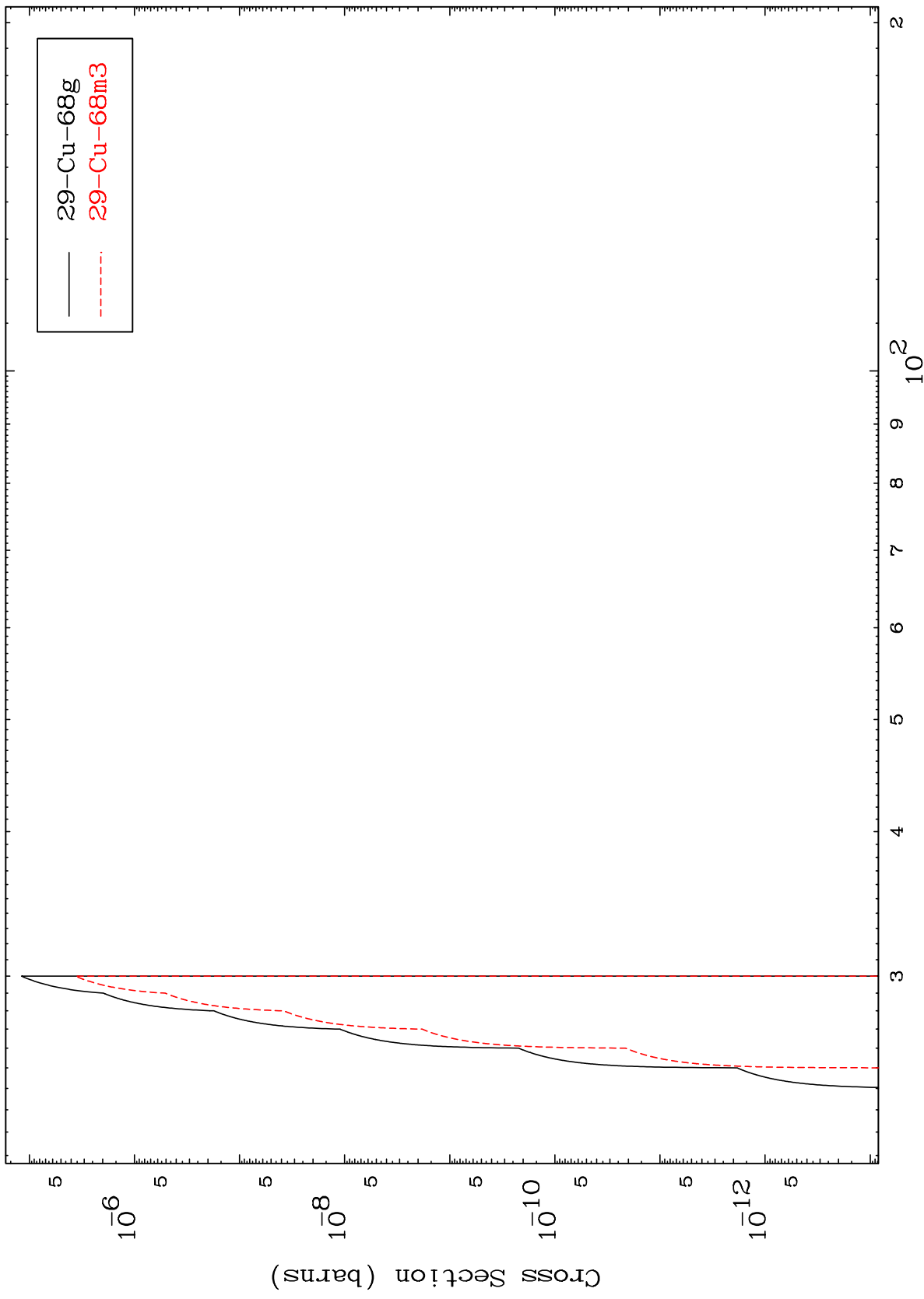
31-Ga-74

MAT 3140

(n,3n) α

31-Ga-74

Radionuclide Production Cross Section



119

Incident Energy (MeV)

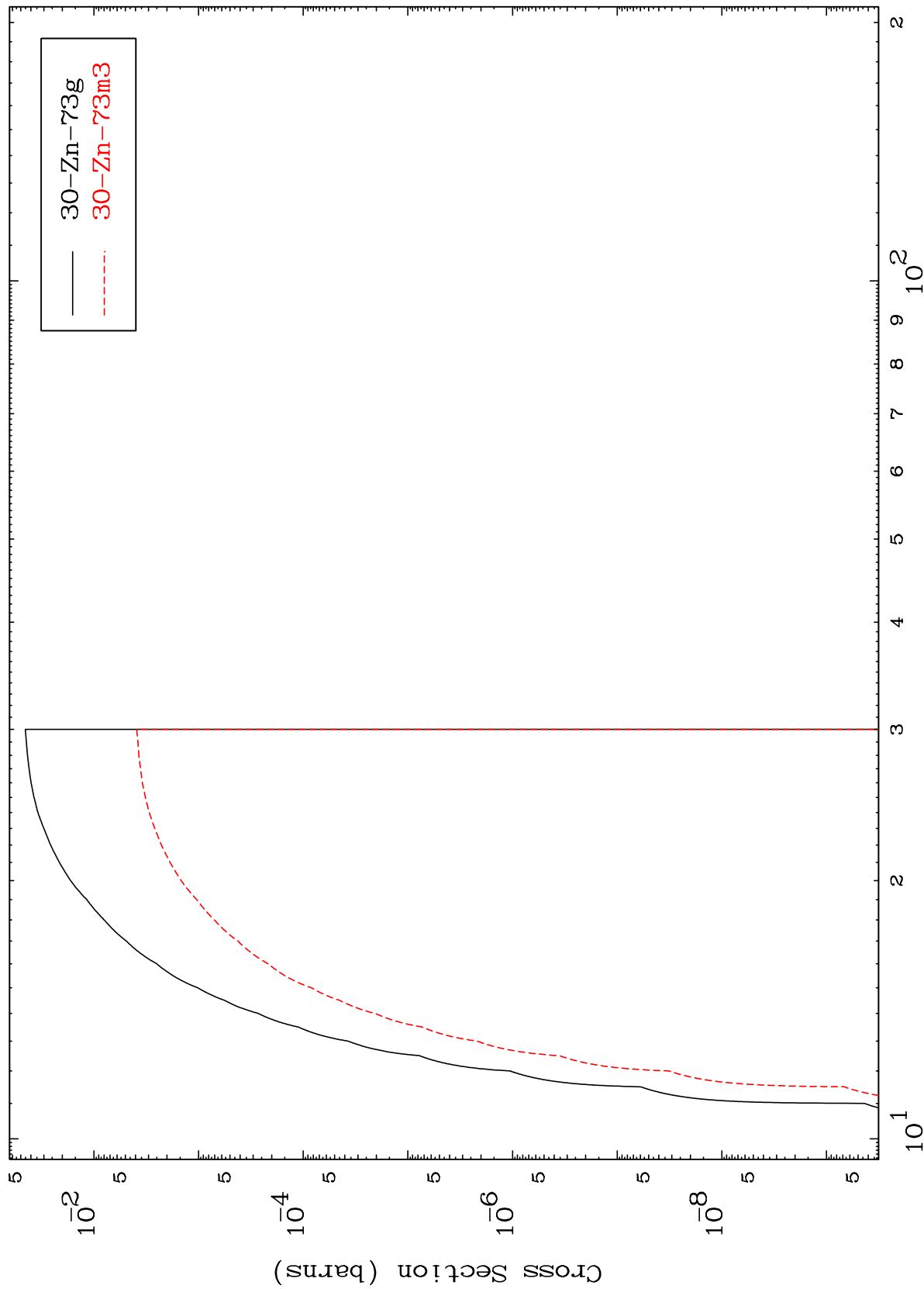
31-Ga-74

MAT 3140

(n,n') p

31-Ga-74

Radionuclide Production Cross Section



30-Zn-73g
30-Zn-73m3

Incident Energy (MeV)

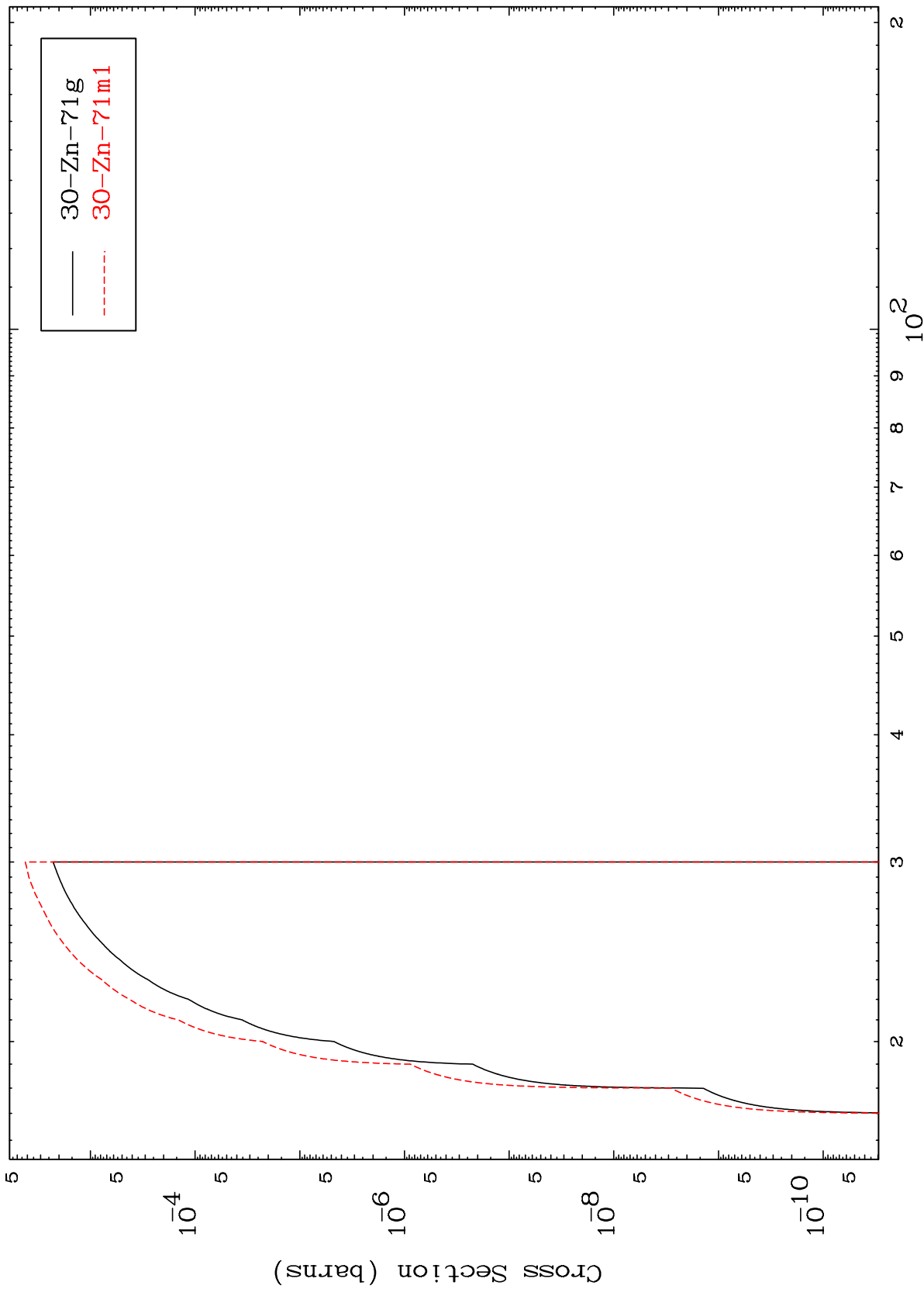
31-Ga-74

MAT 3140

(n,n') t

31-Ga-74

Radionuclide Production Cross Section



121

Incident Energy (MeV)

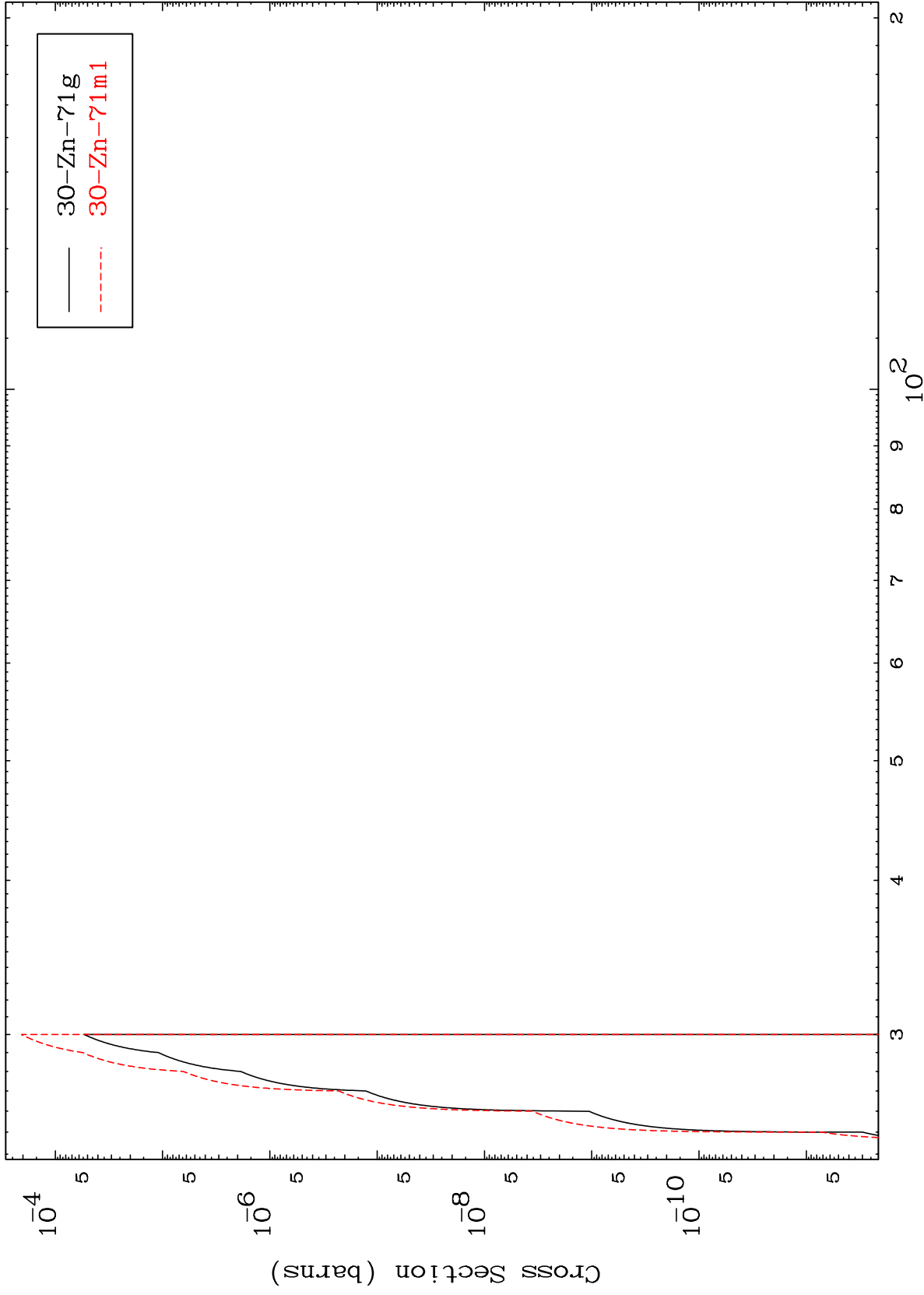
31-Ga-74

MAT 3140

(n,3n) p

31-Ga-74

Radionuclide Production Cross Section



122

Incident Energy (MeV)

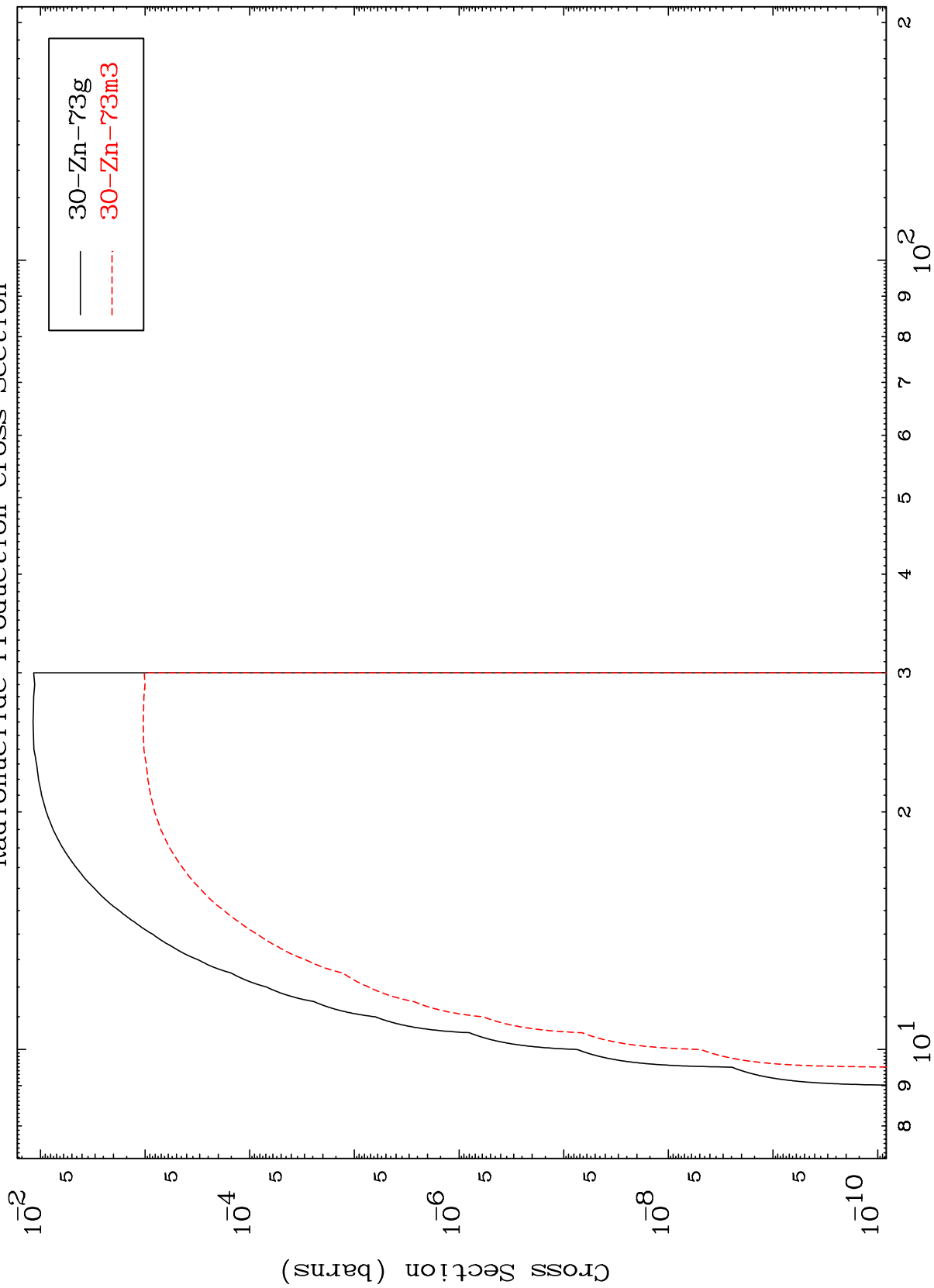
31-Ga-74

MAT 3140

(n,d)

31-Ga-74

Radionuclide Production Cross Section



123

Incident Energy (MeV)

31-Ga-74