

Program EVALPLOT
(Version 2021-1)

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

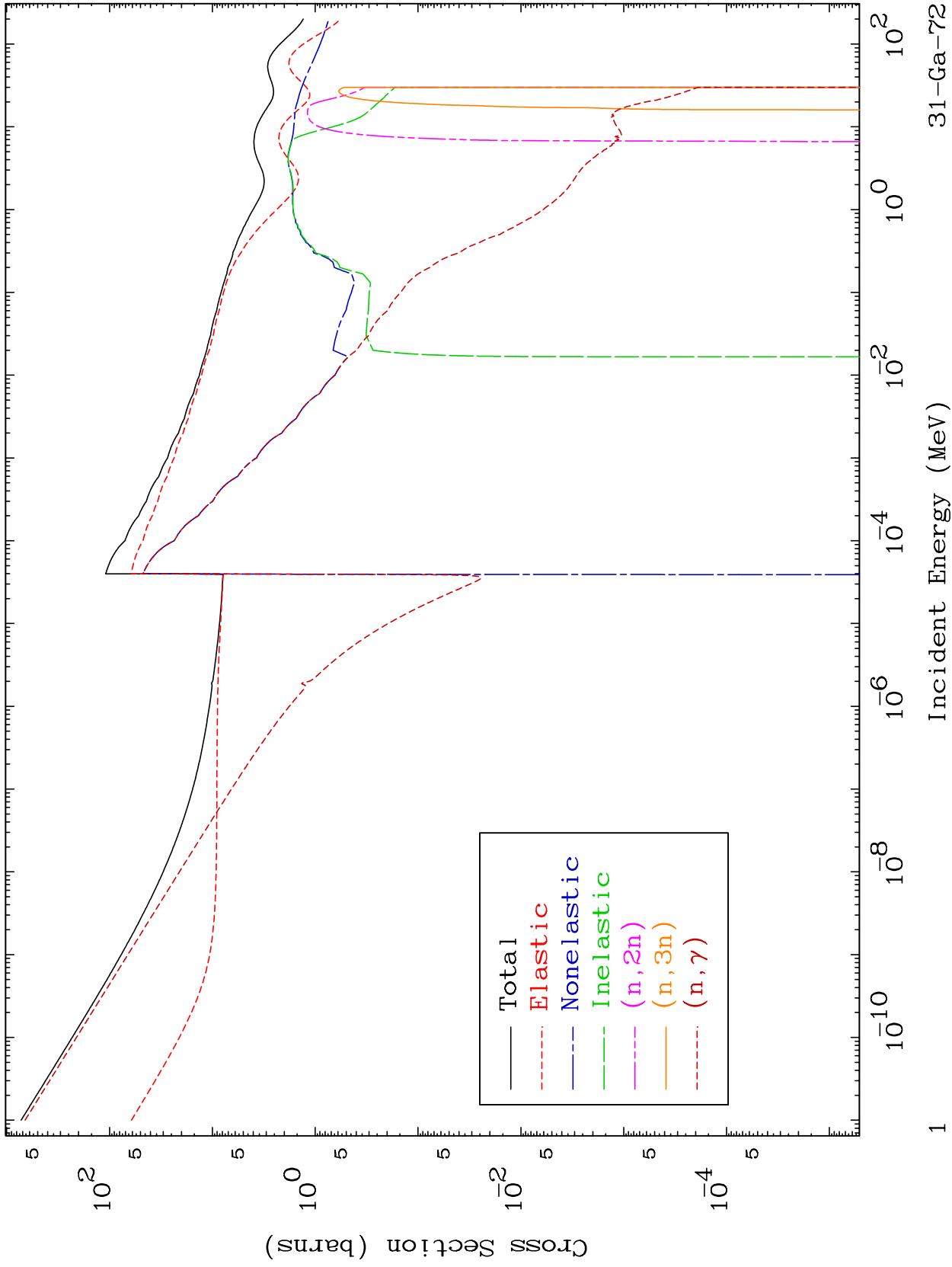
Web:redcullen1.net/HOMEPAGE.NEW

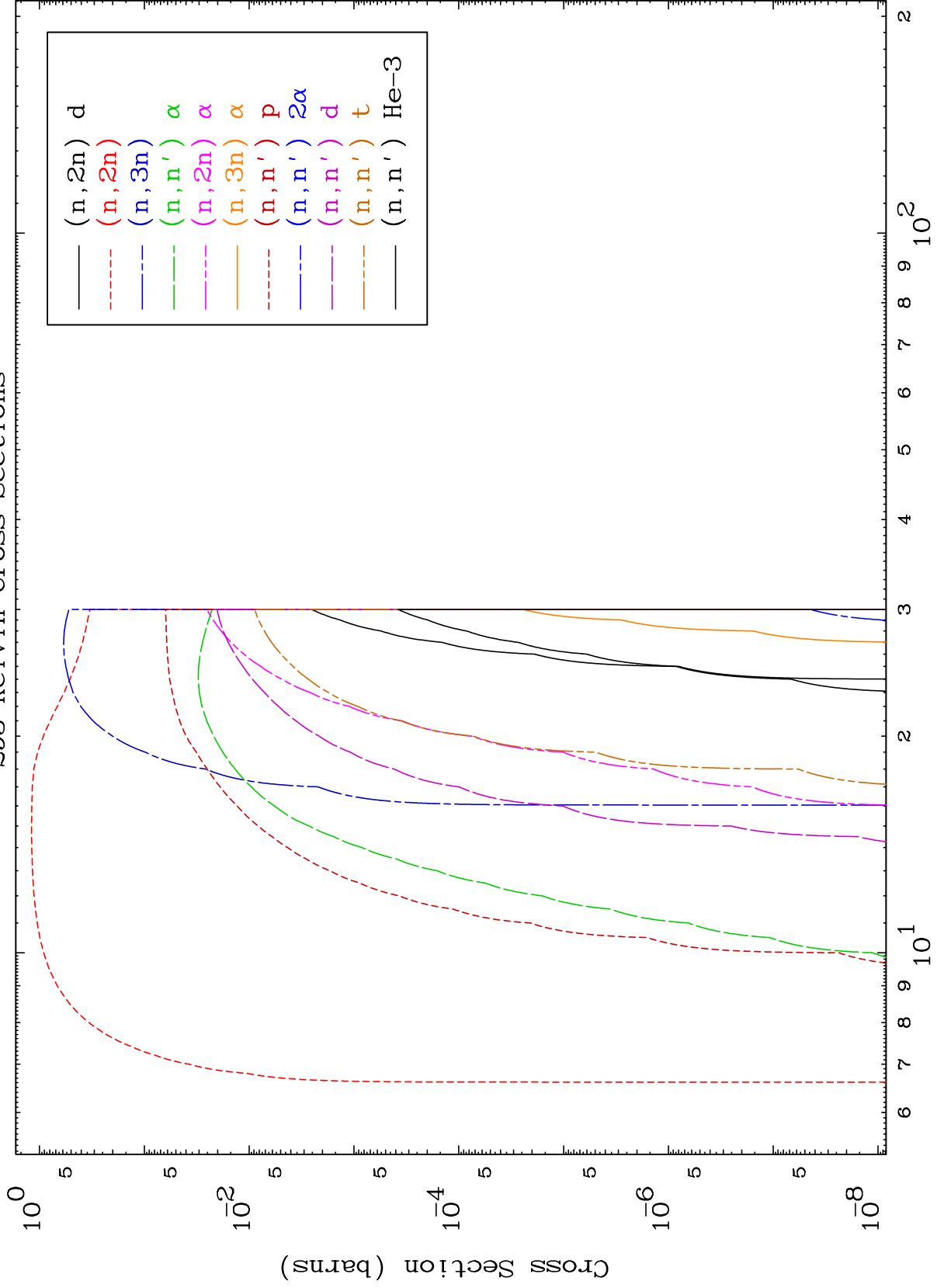
Press Mouse Button to Start

MAT 3134

Neutron Major
293 Kelvin Cross Sections

31-Ga-72

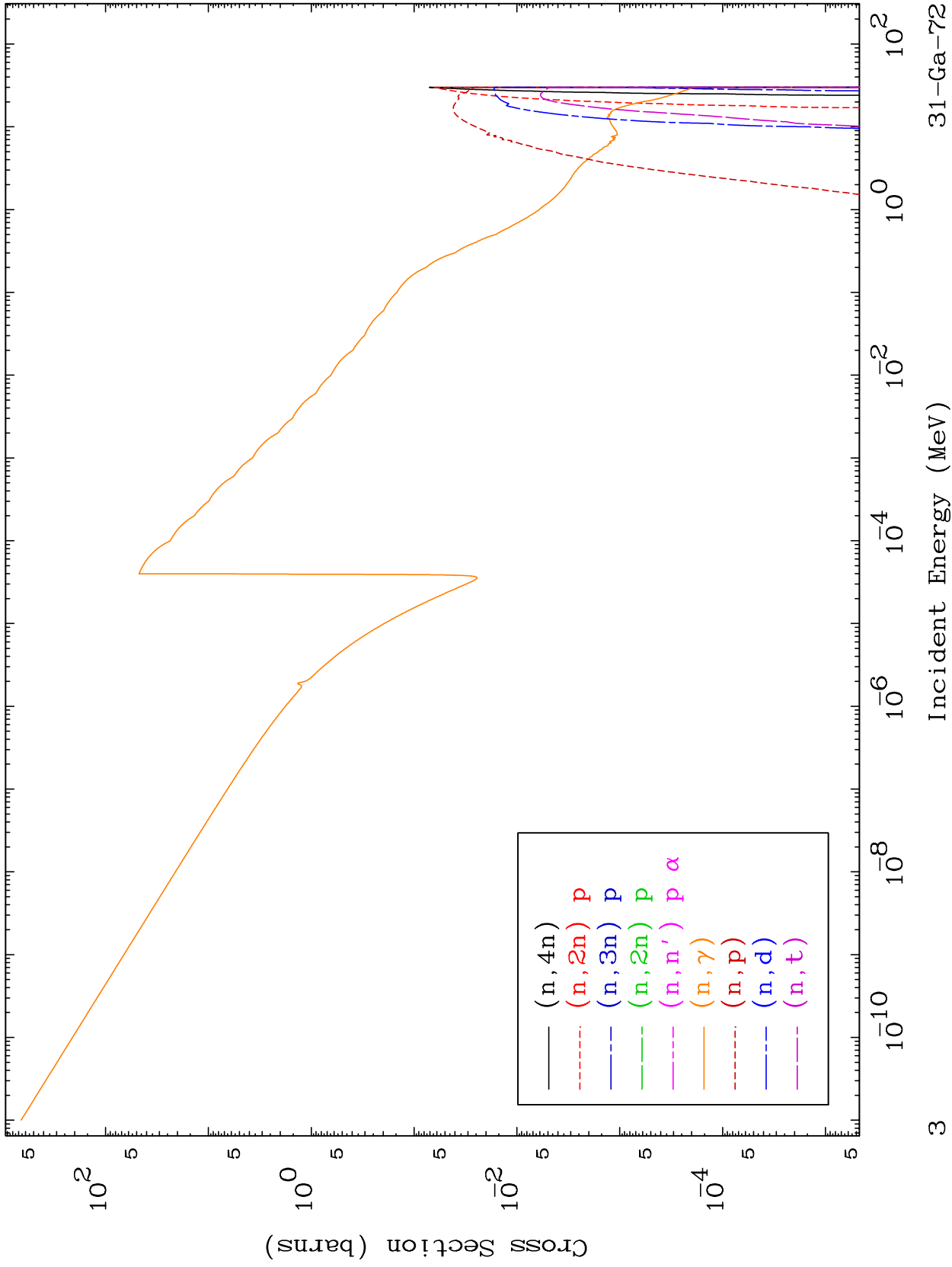


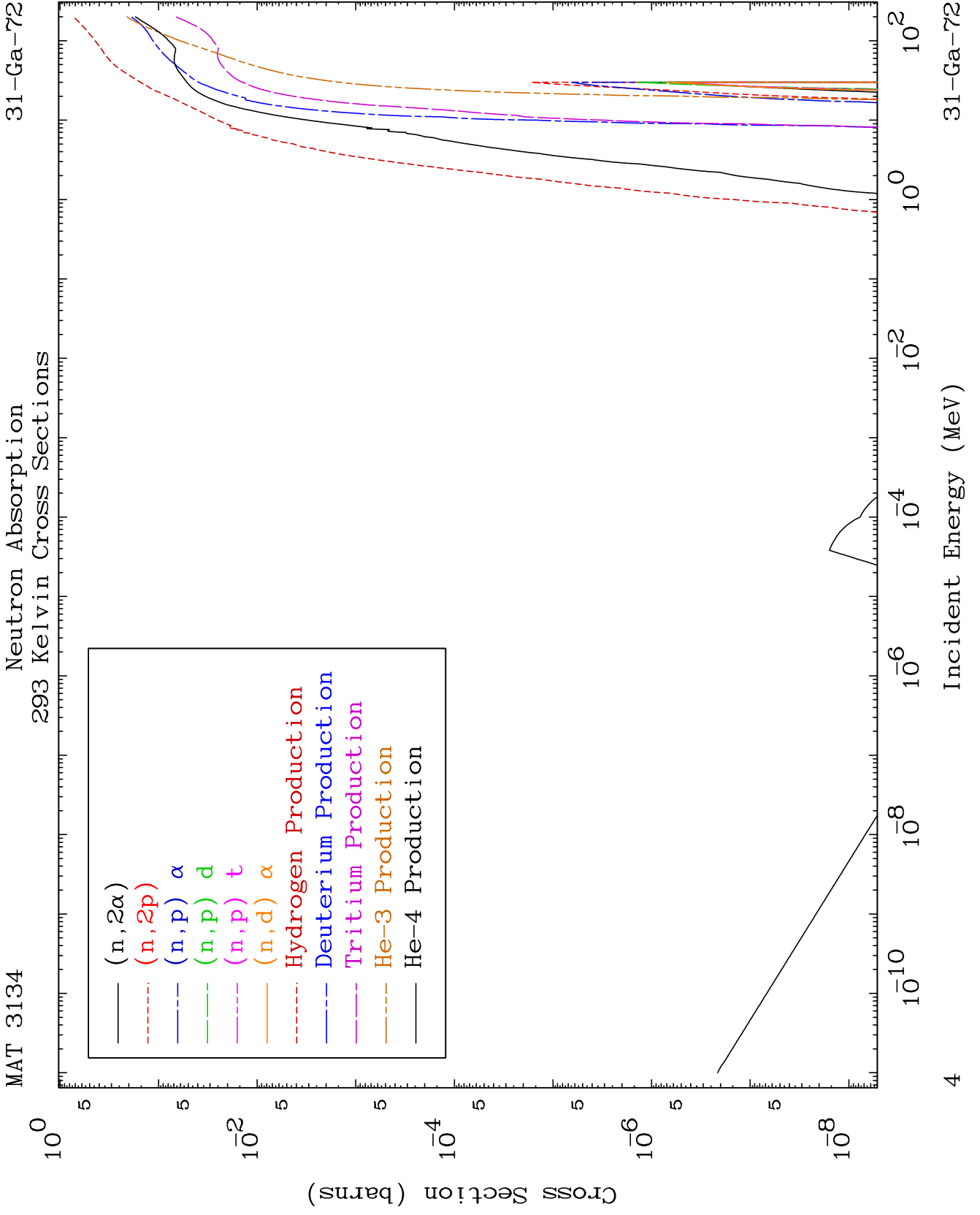


MAT 3134

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-72

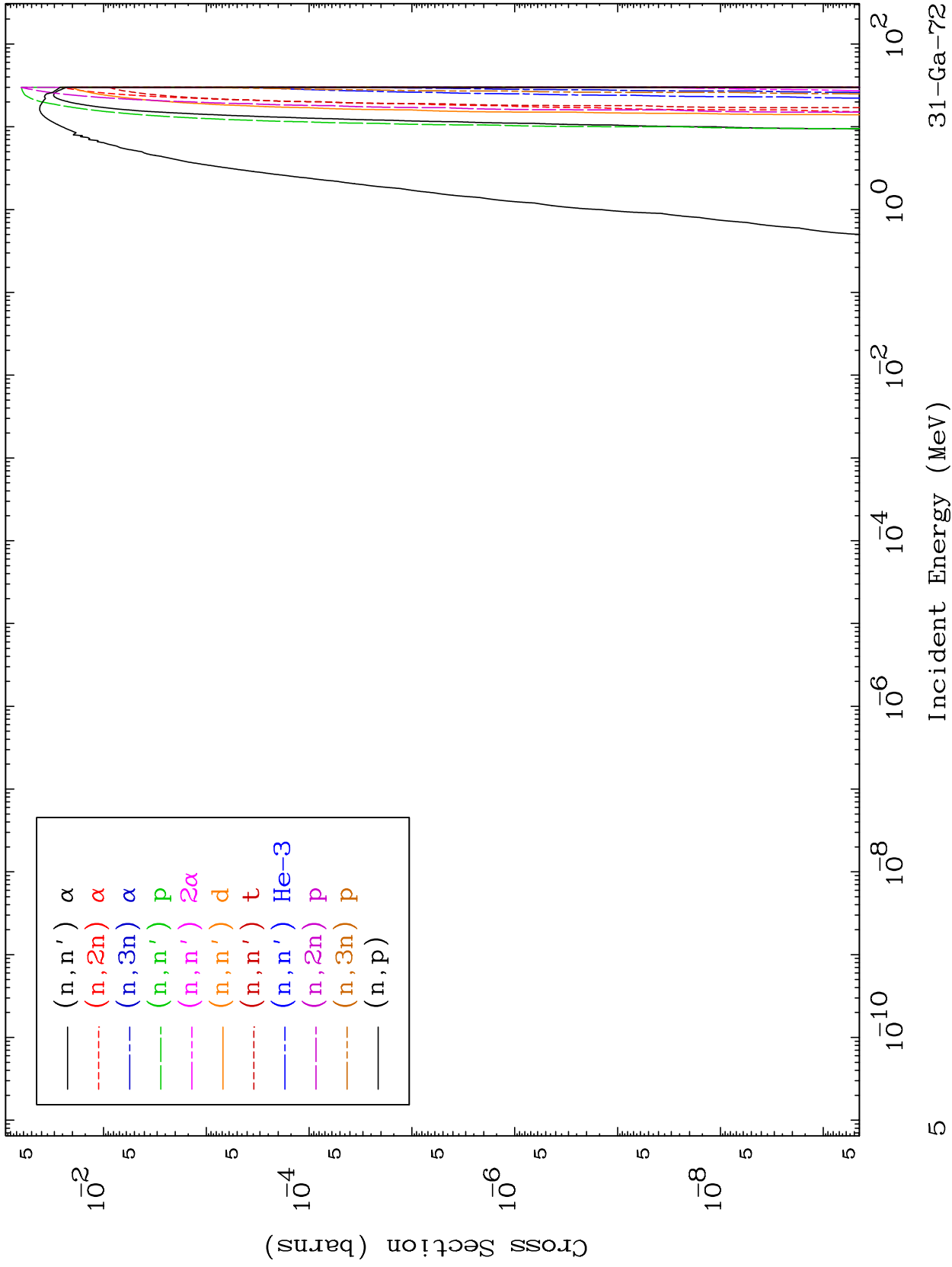




MAT 3134

Charged Particle
293 Kelvin Cross Sections

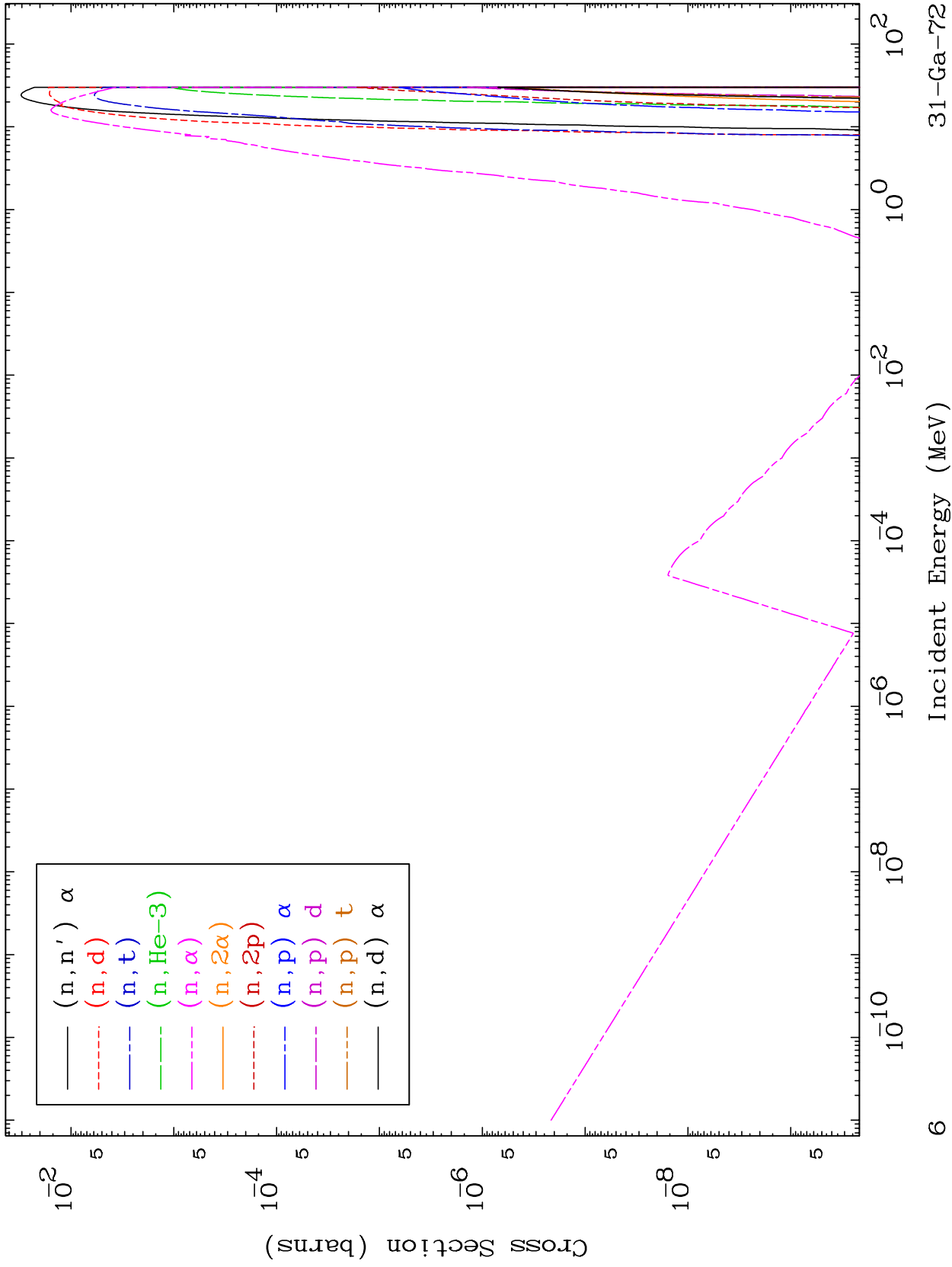
31-Ga-72



MAT 3134

Charged Particle
293 Kelvin Cross Sections

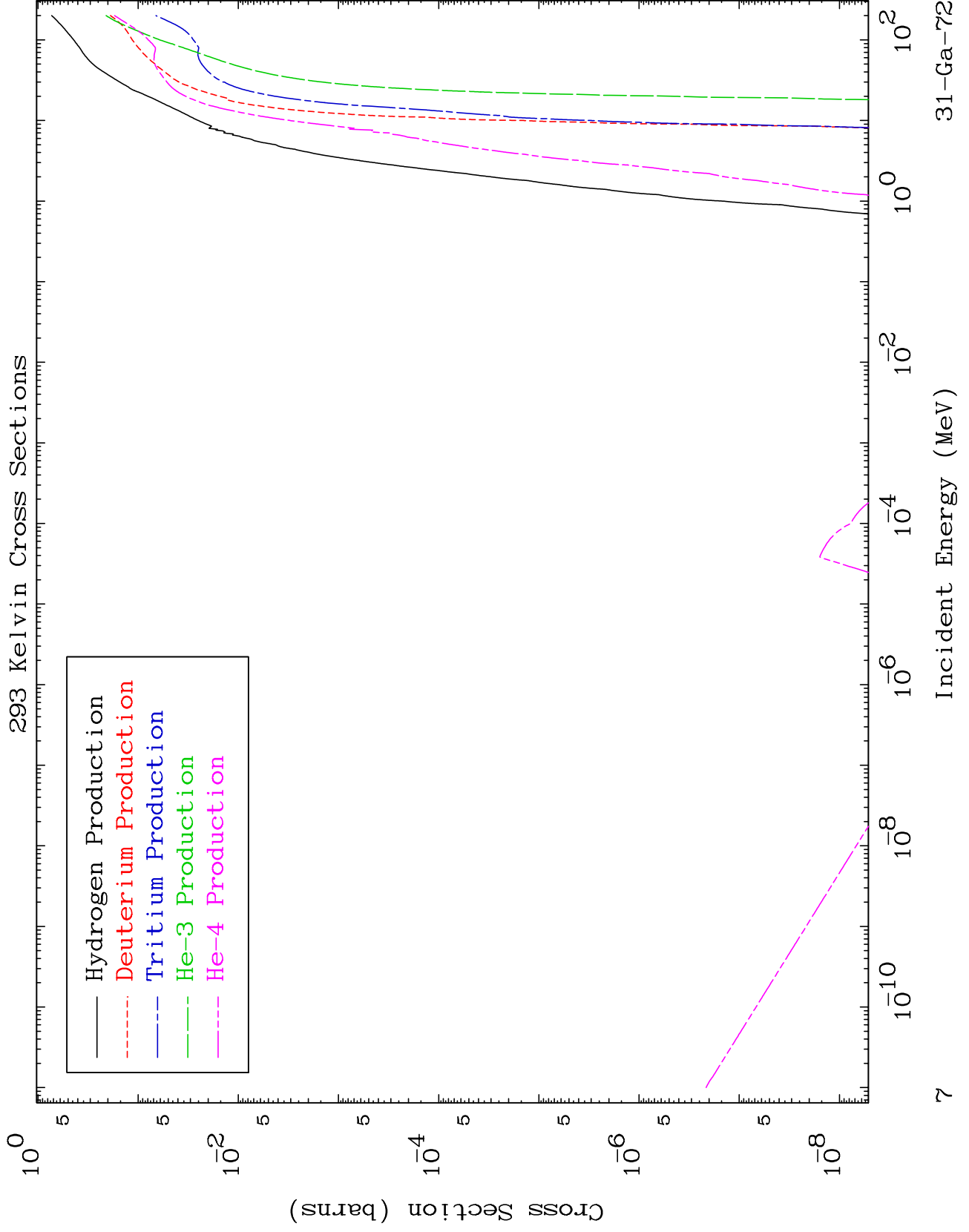
31-Ga-72

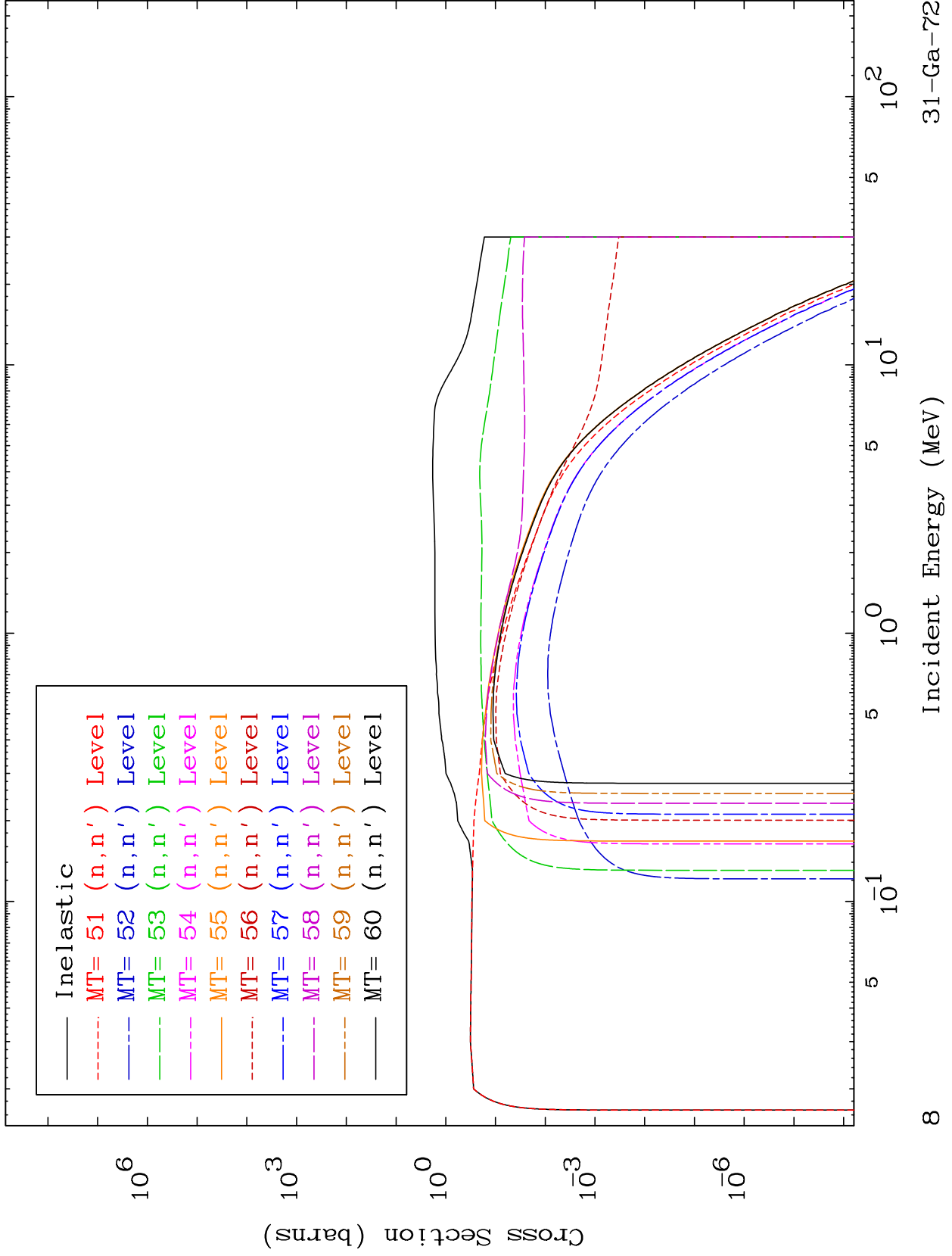


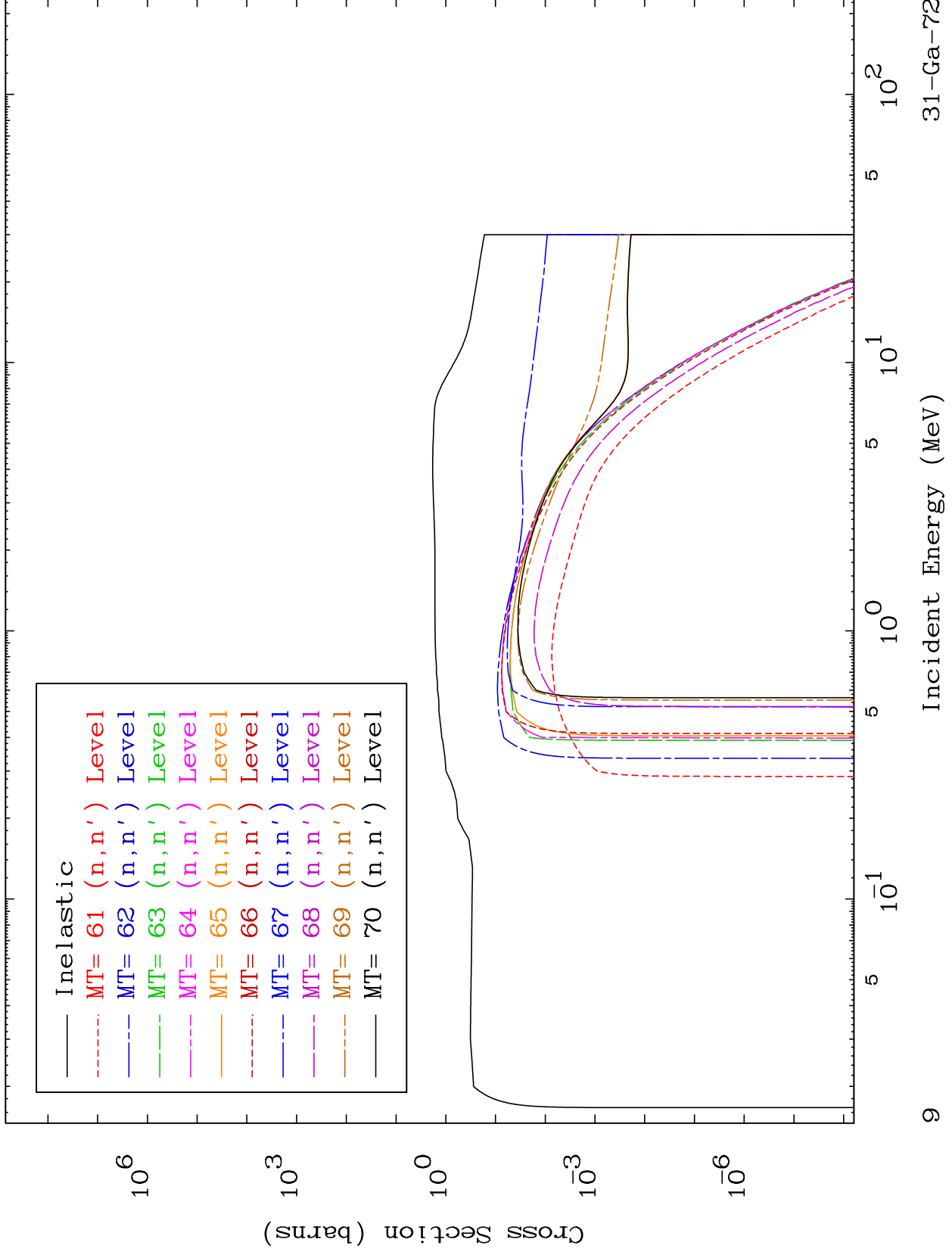
MAT 3134

Particle Production
293 Kelvin Cross Sections

31-Ga-72



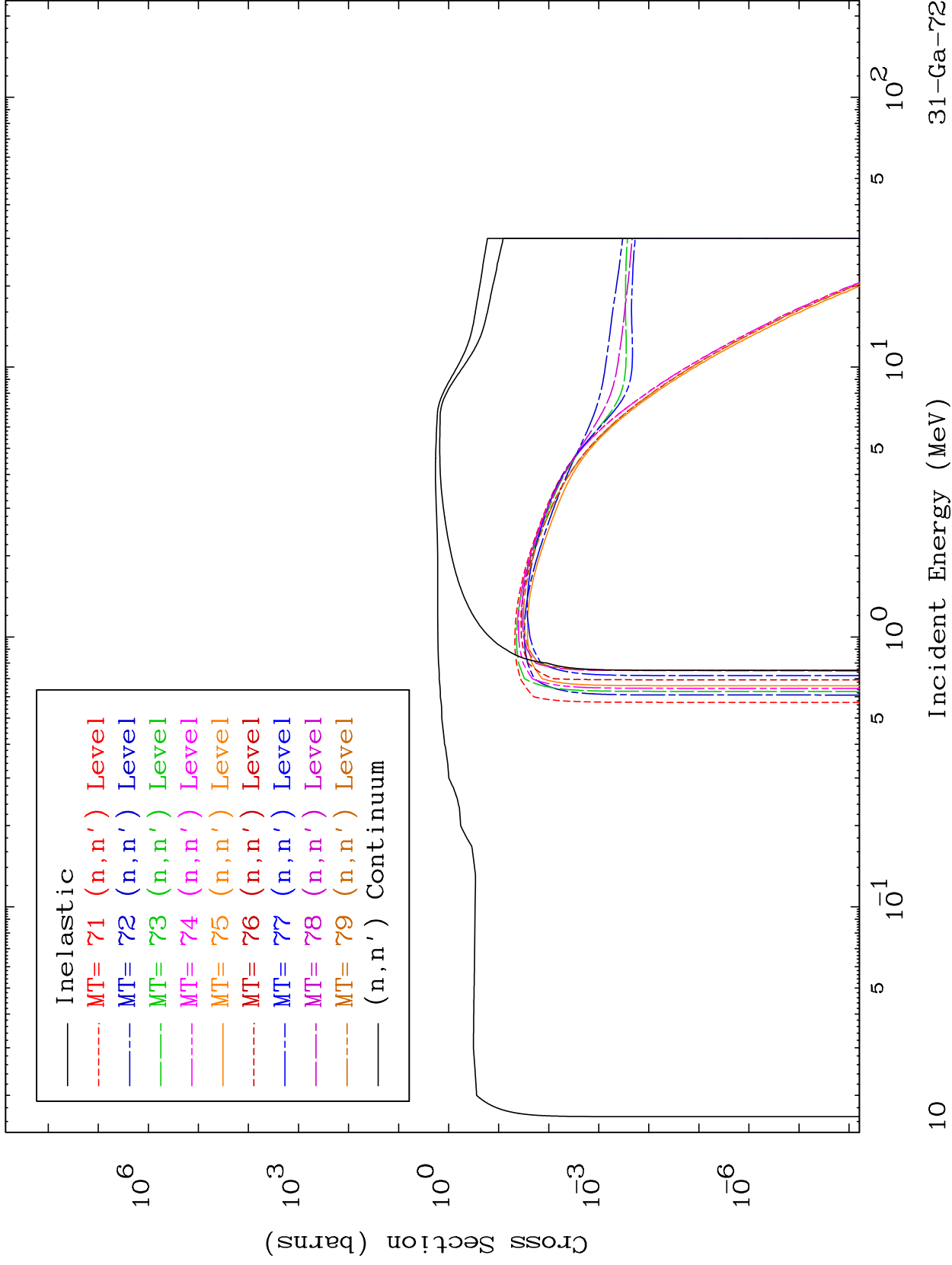




MAT 3134

(n,n') Levels
293 Kelvin Cross Sections

31-Ga-72



10

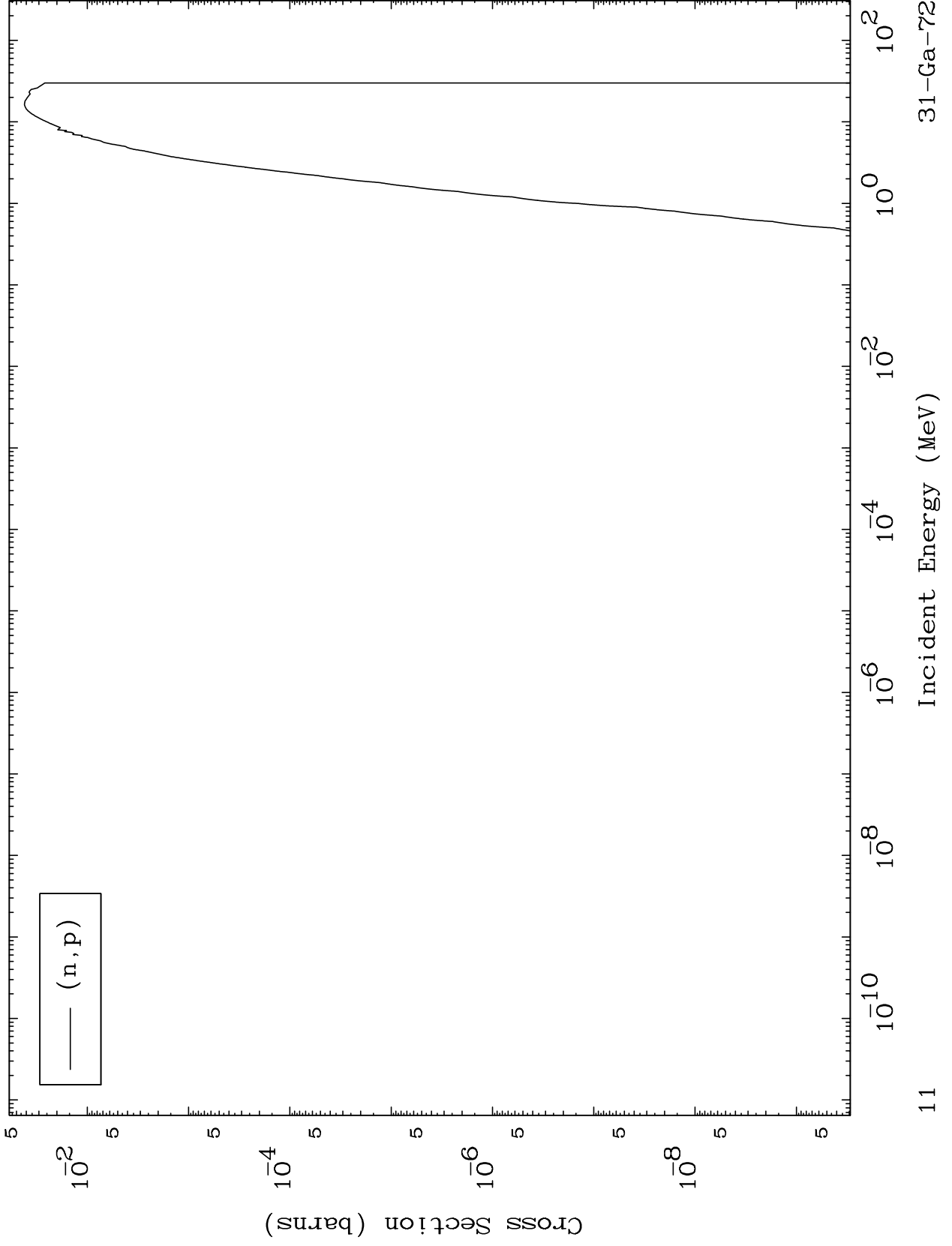
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n,p) Levels
293 Kelvin Cross Sections

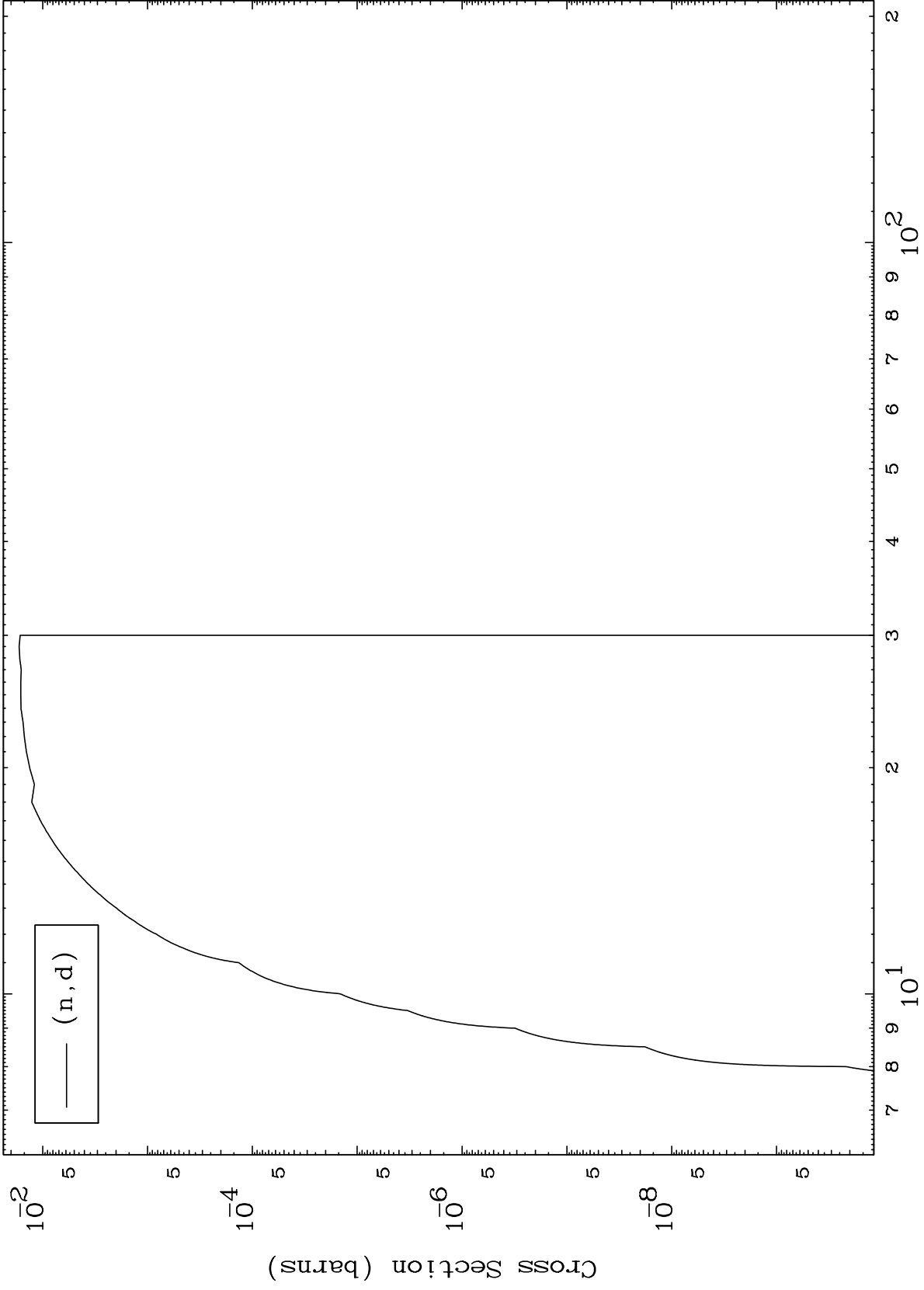
31-Ga-72



MAT 3134

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-72



12

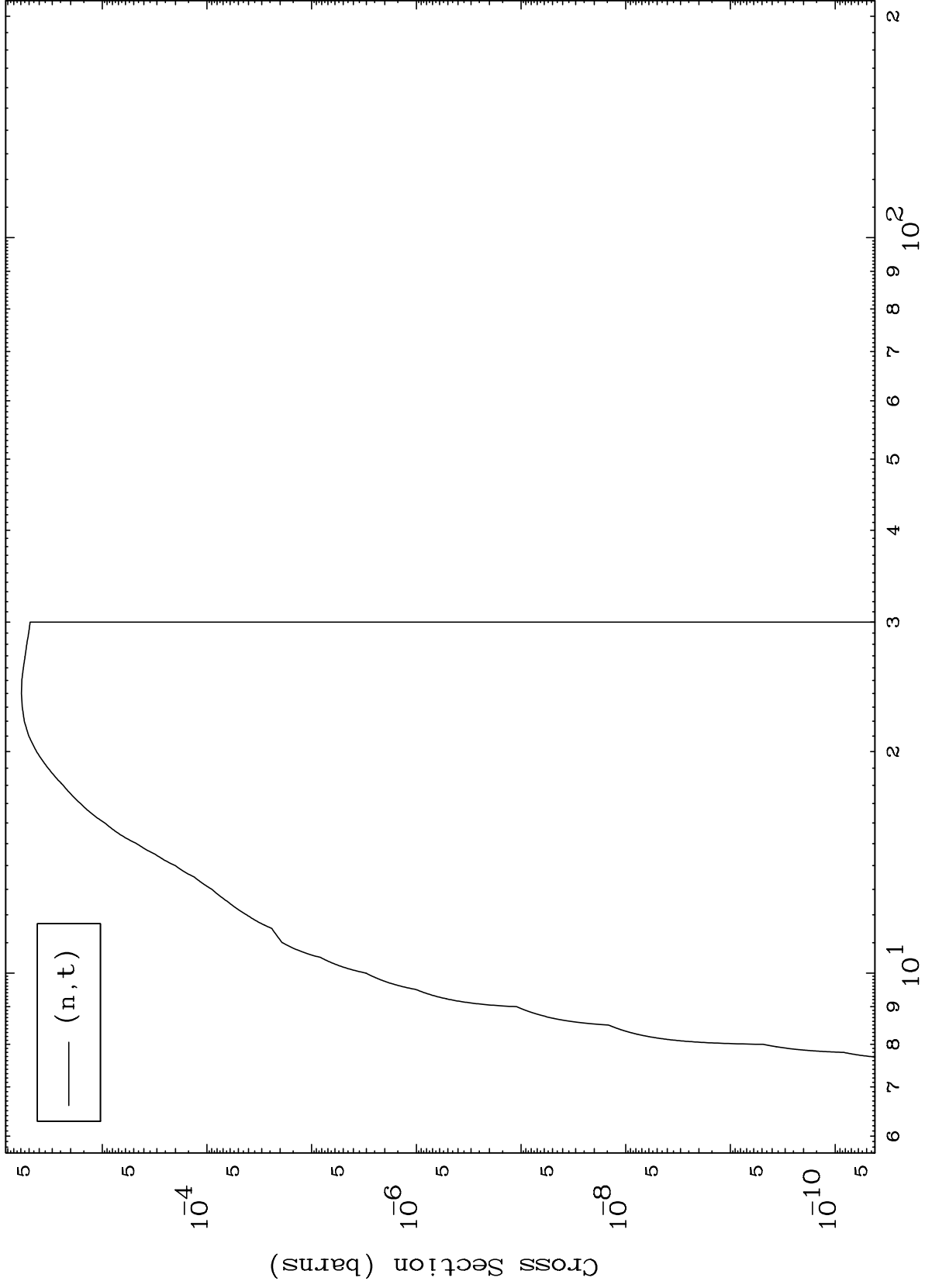
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-72



13

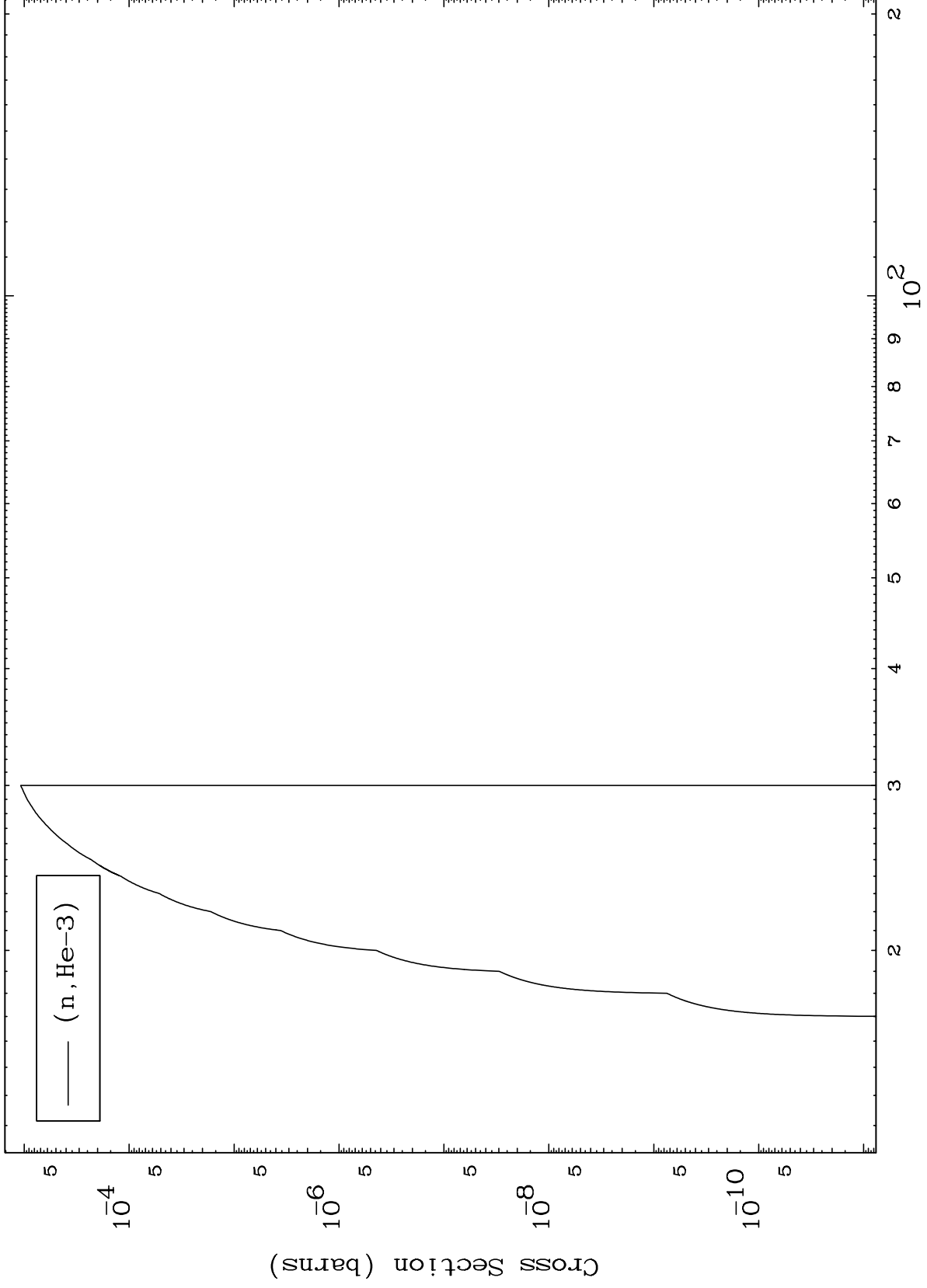
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-72



14

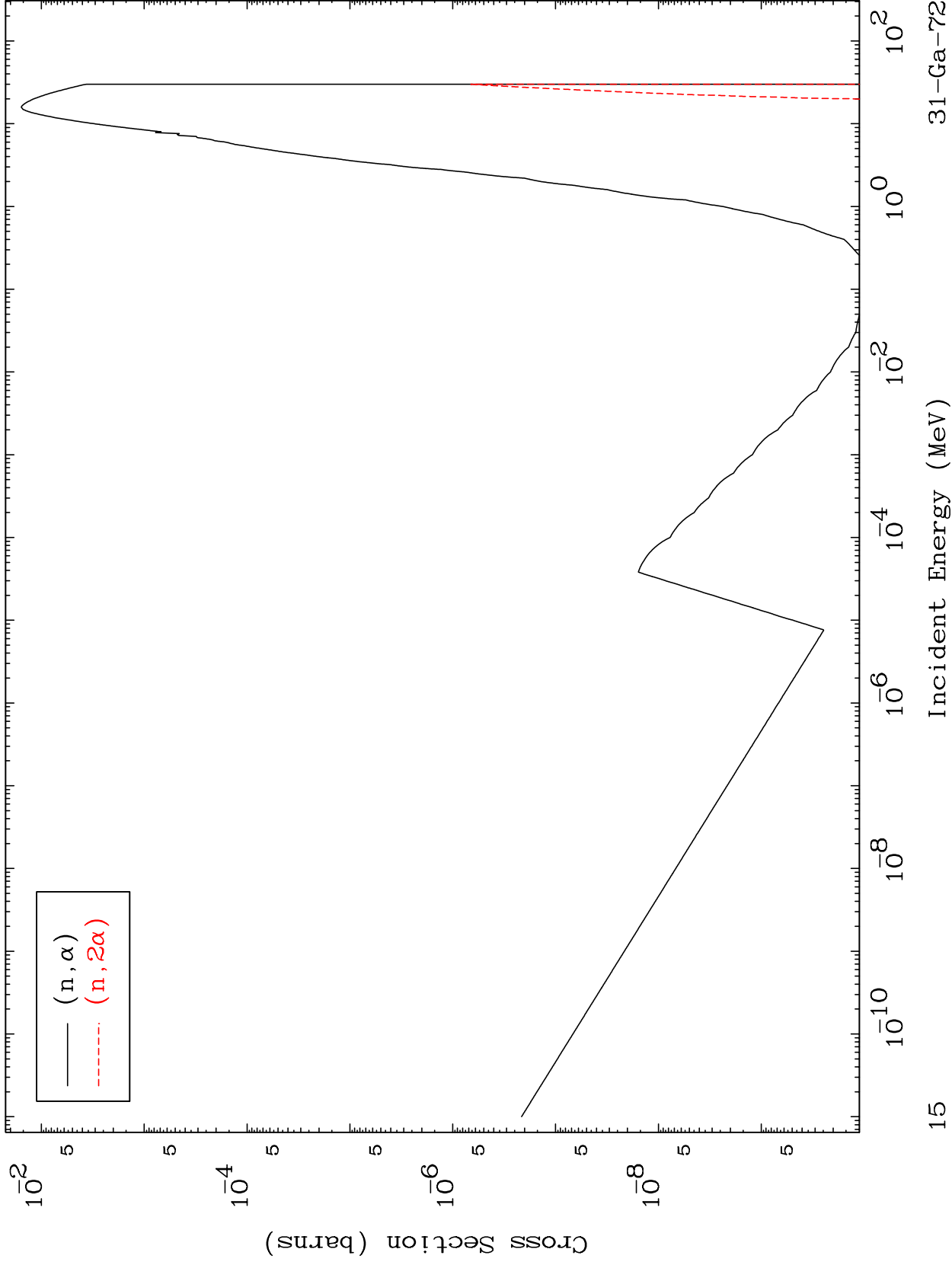
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n, α) Levels
293 Kelvin Cross Sections

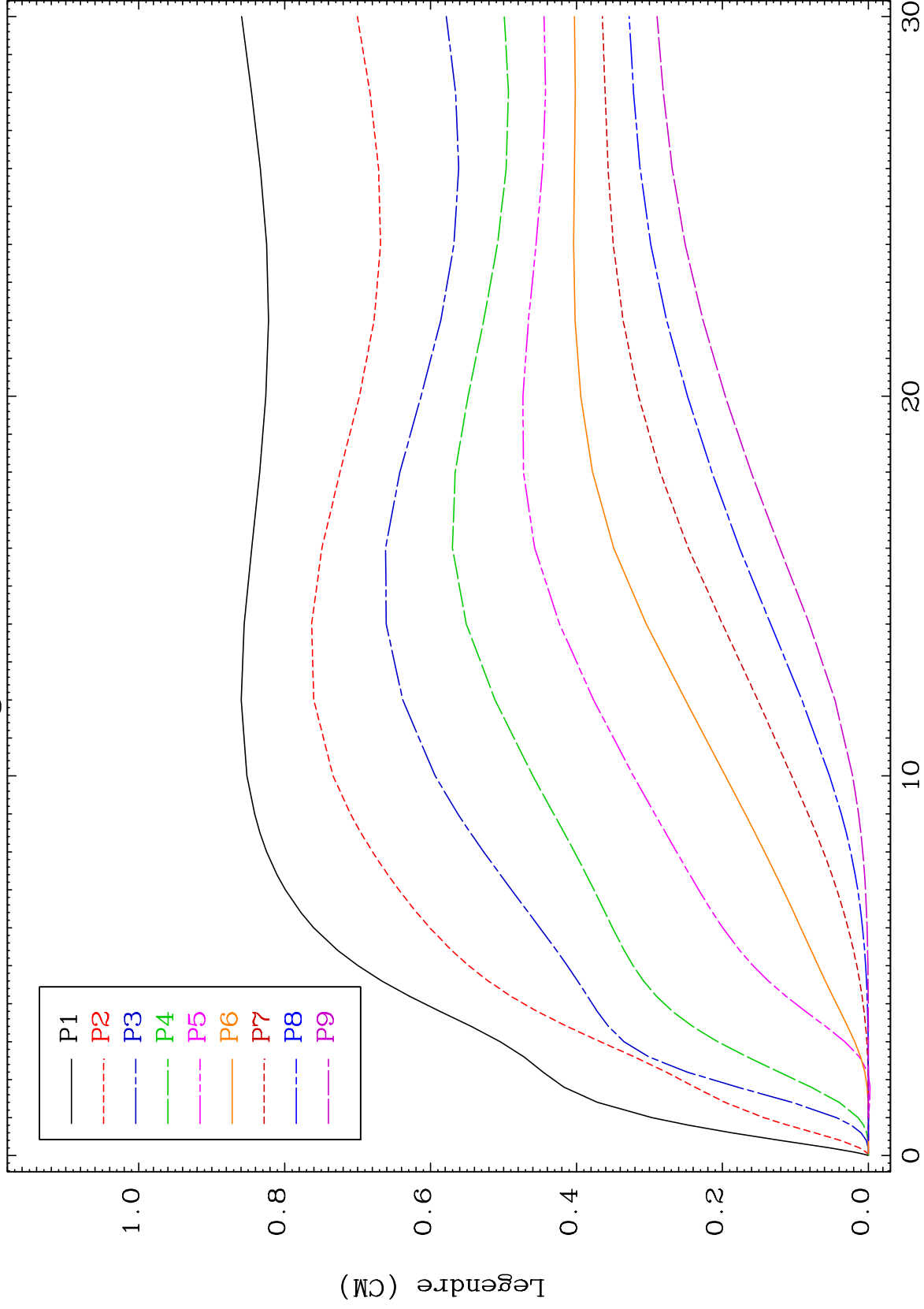
31-Ga-72



MAT 3134

Elastic Legendre Coefficients

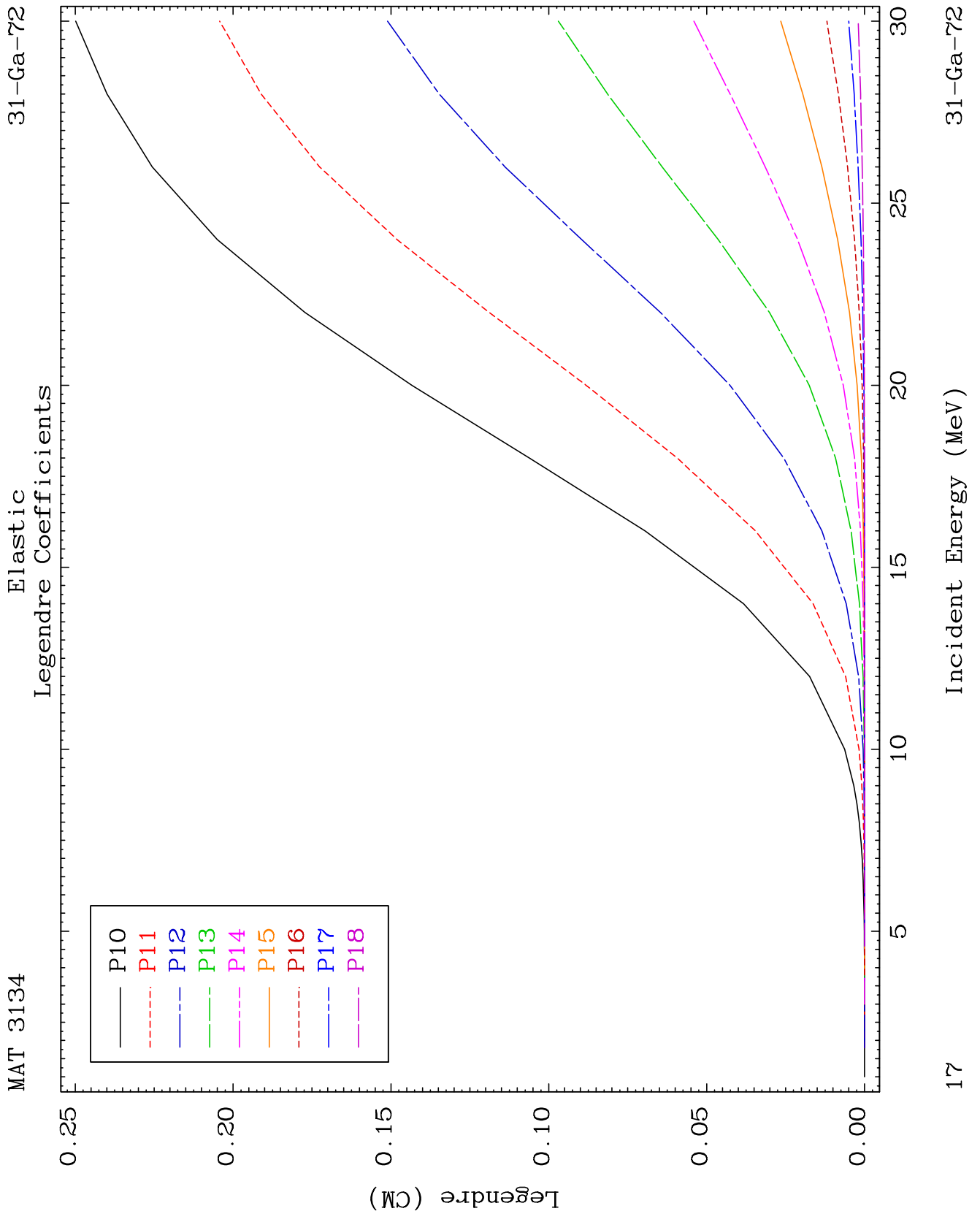
31-Ga-72



16

Incident Energy (MeV)

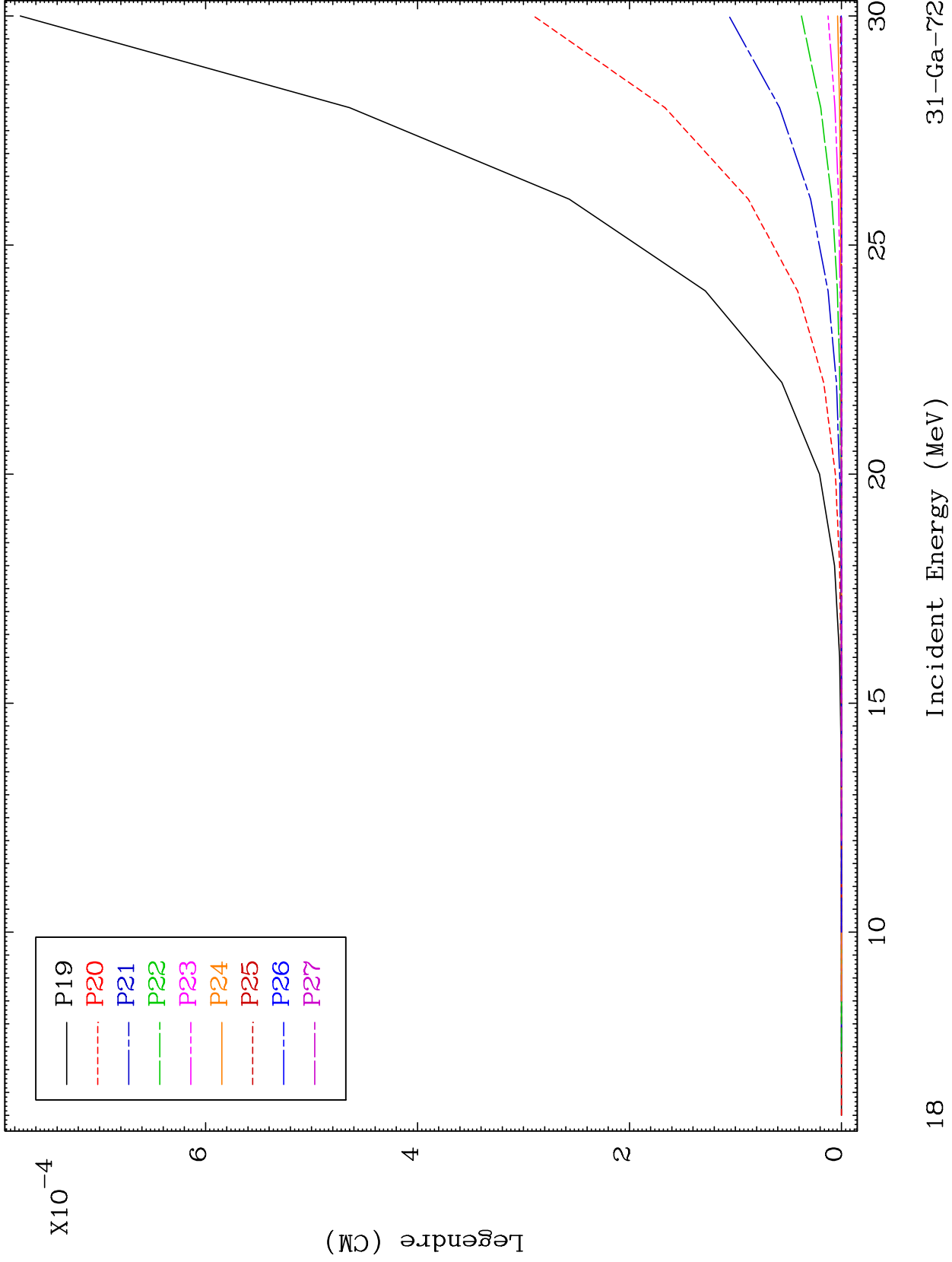
31-Ga-72



MAT 3134

Elastic Legendre Coefficients

31-Ga-72



18

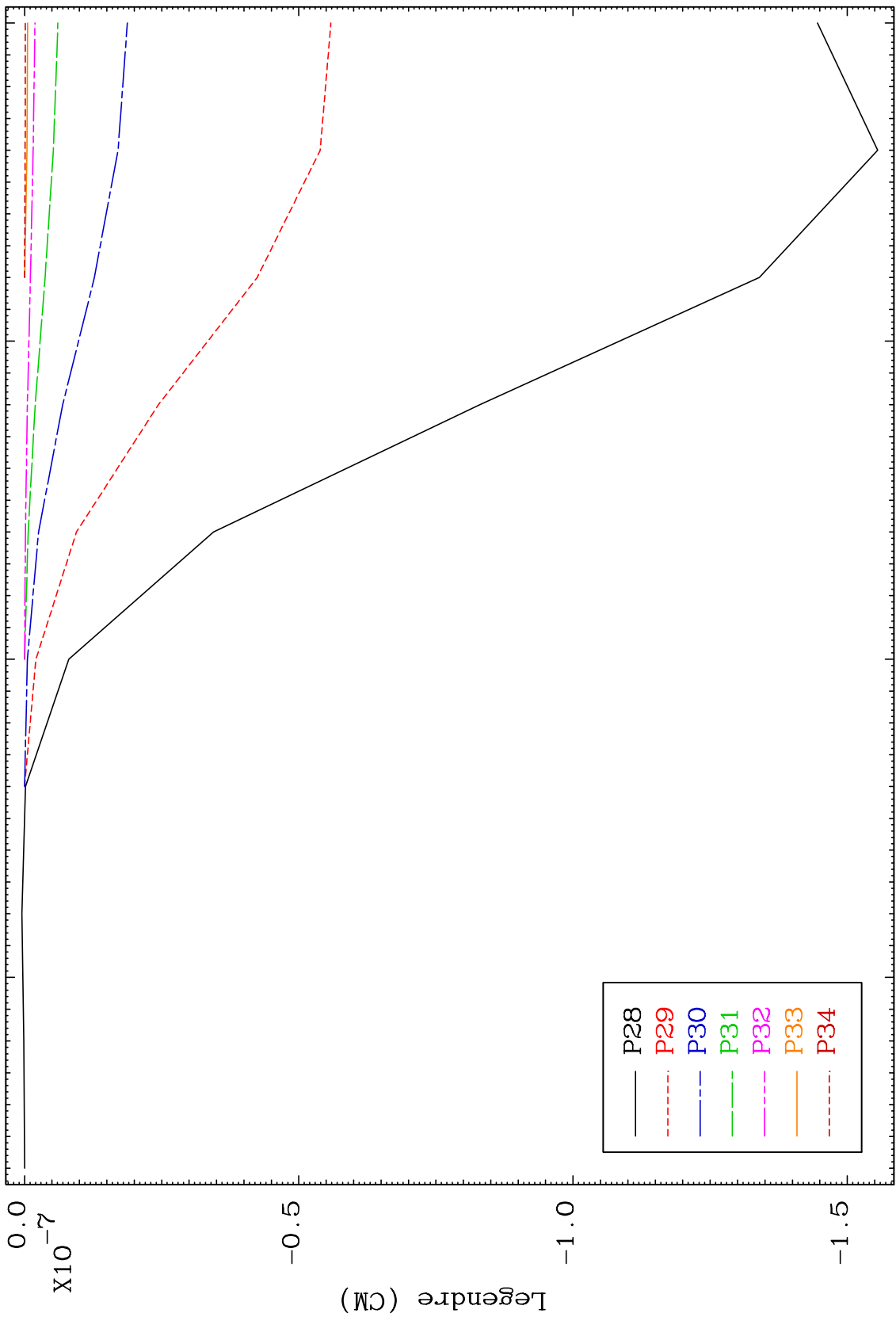
Incident Energy (MeV)

31-Ga-72

MAT 3134

31-Ga-72

Elastic Legendre Coefficients



19

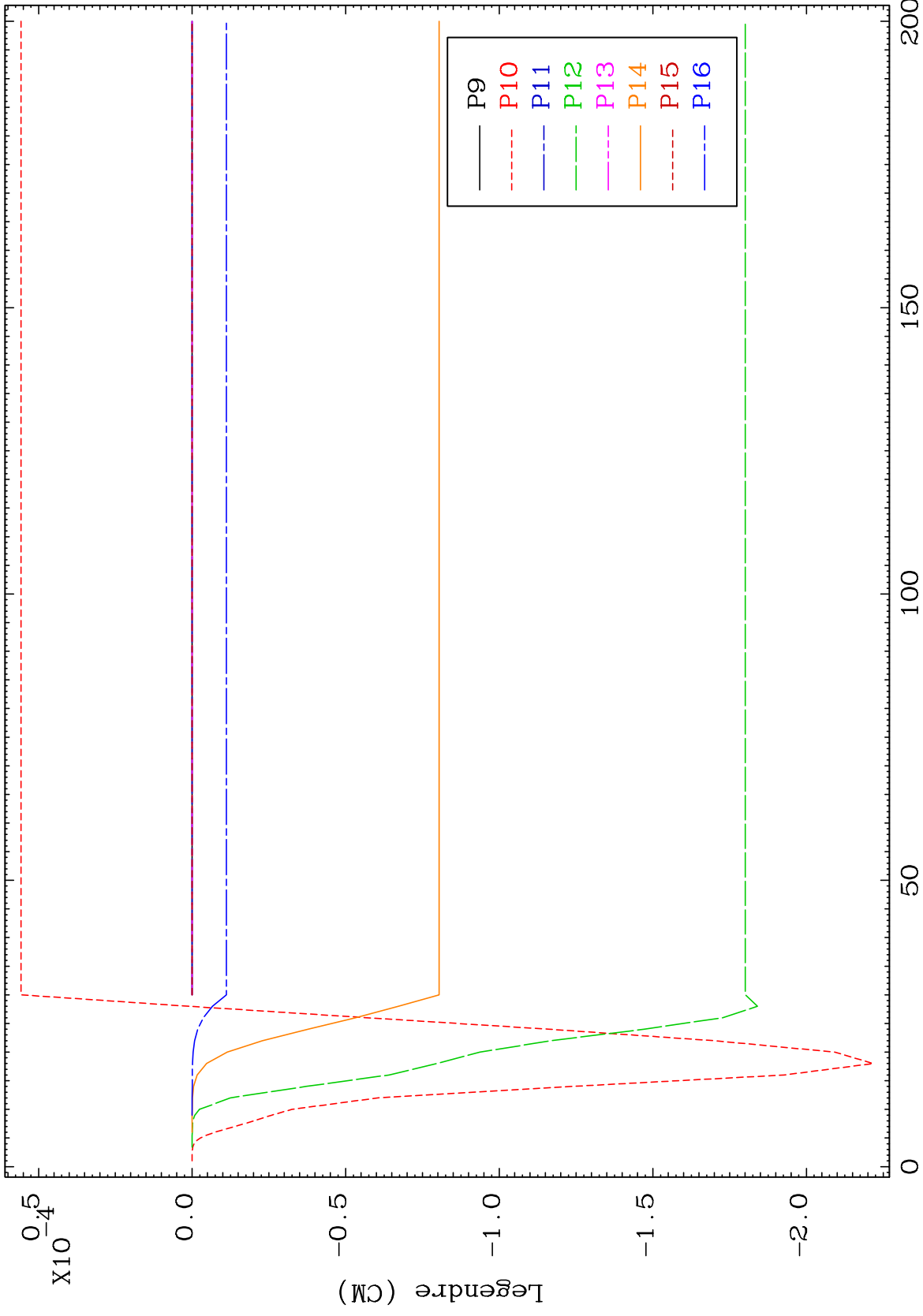
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

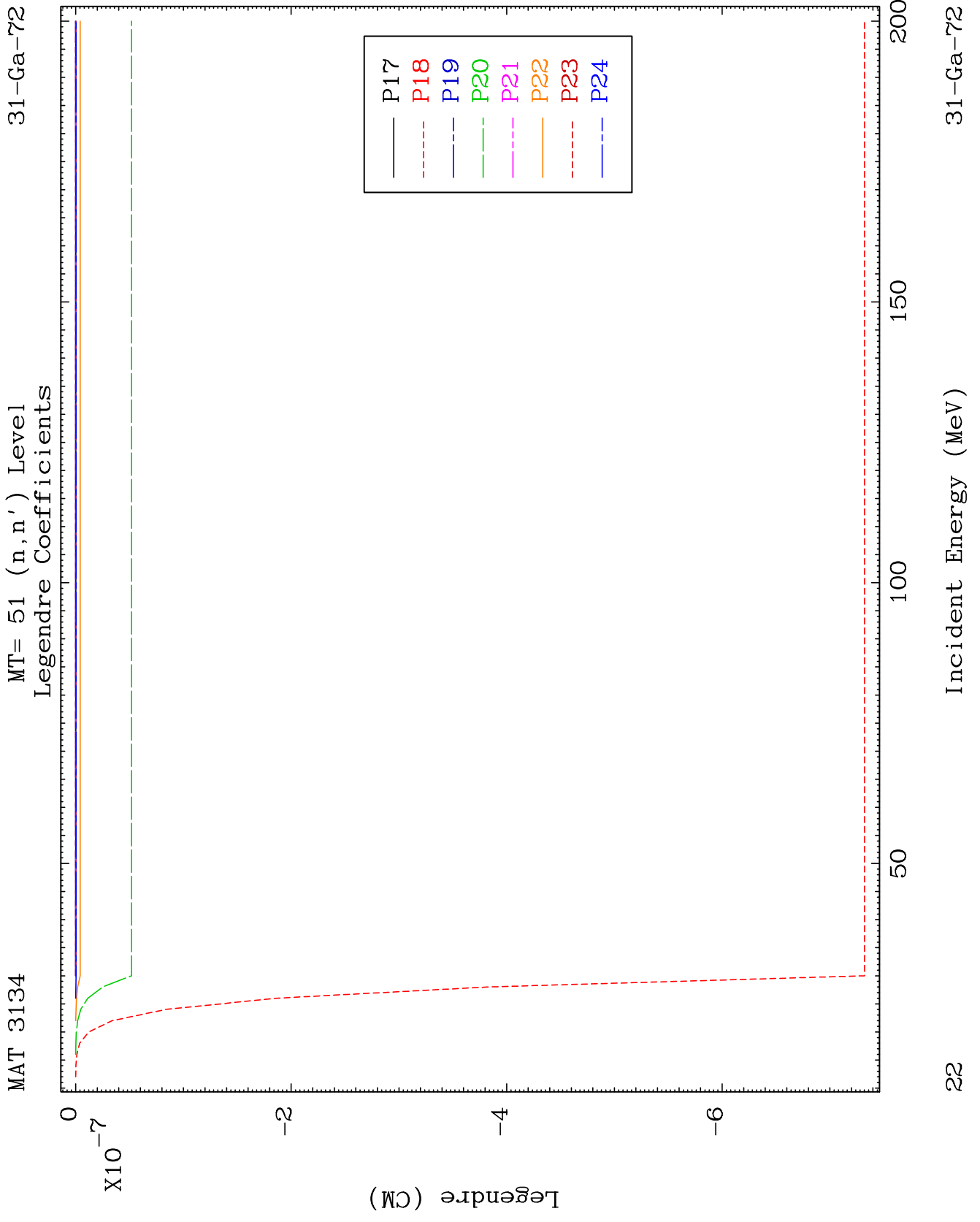
31-Ga-72

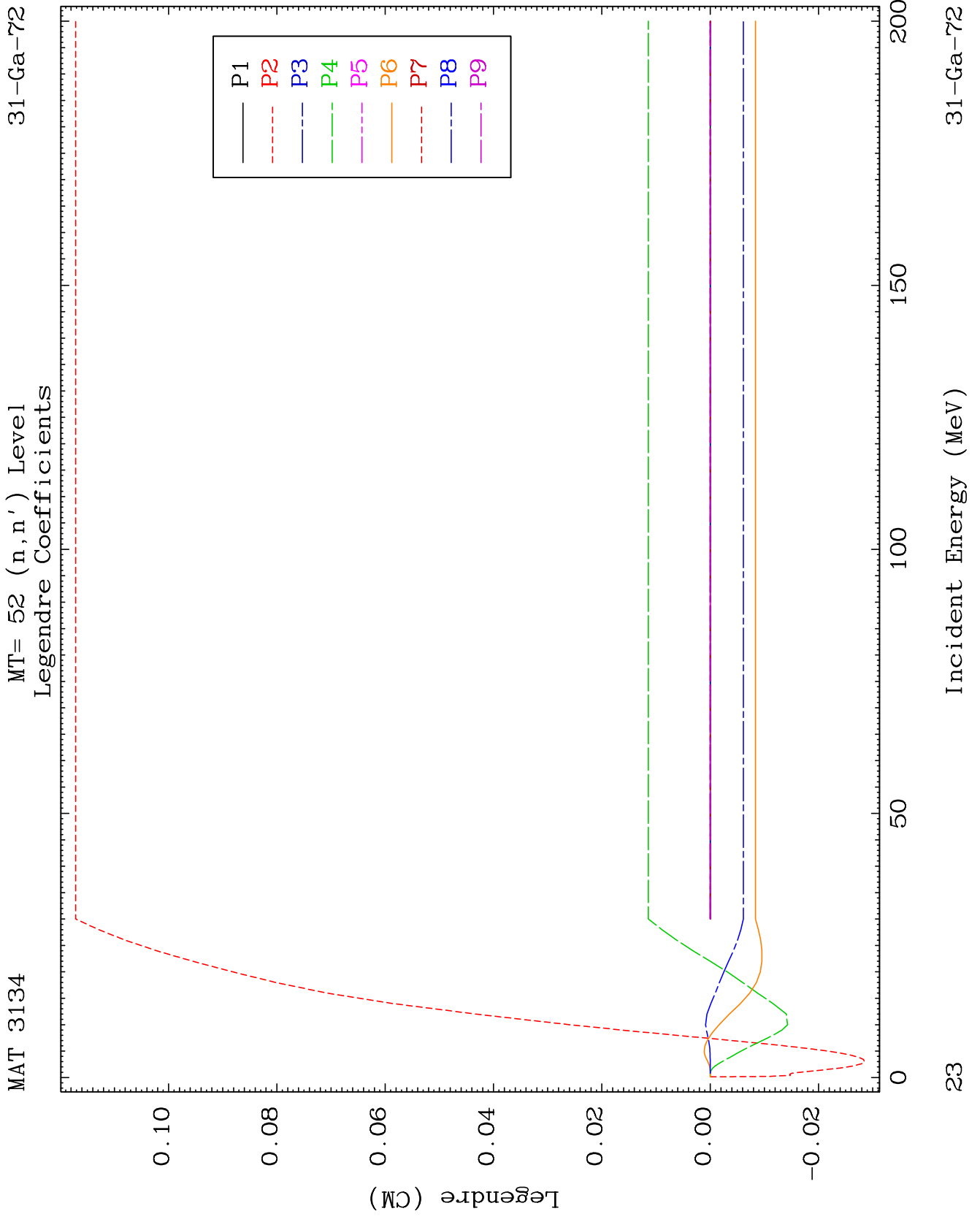


21

Incident Energy (MeV)

31-Ga-72

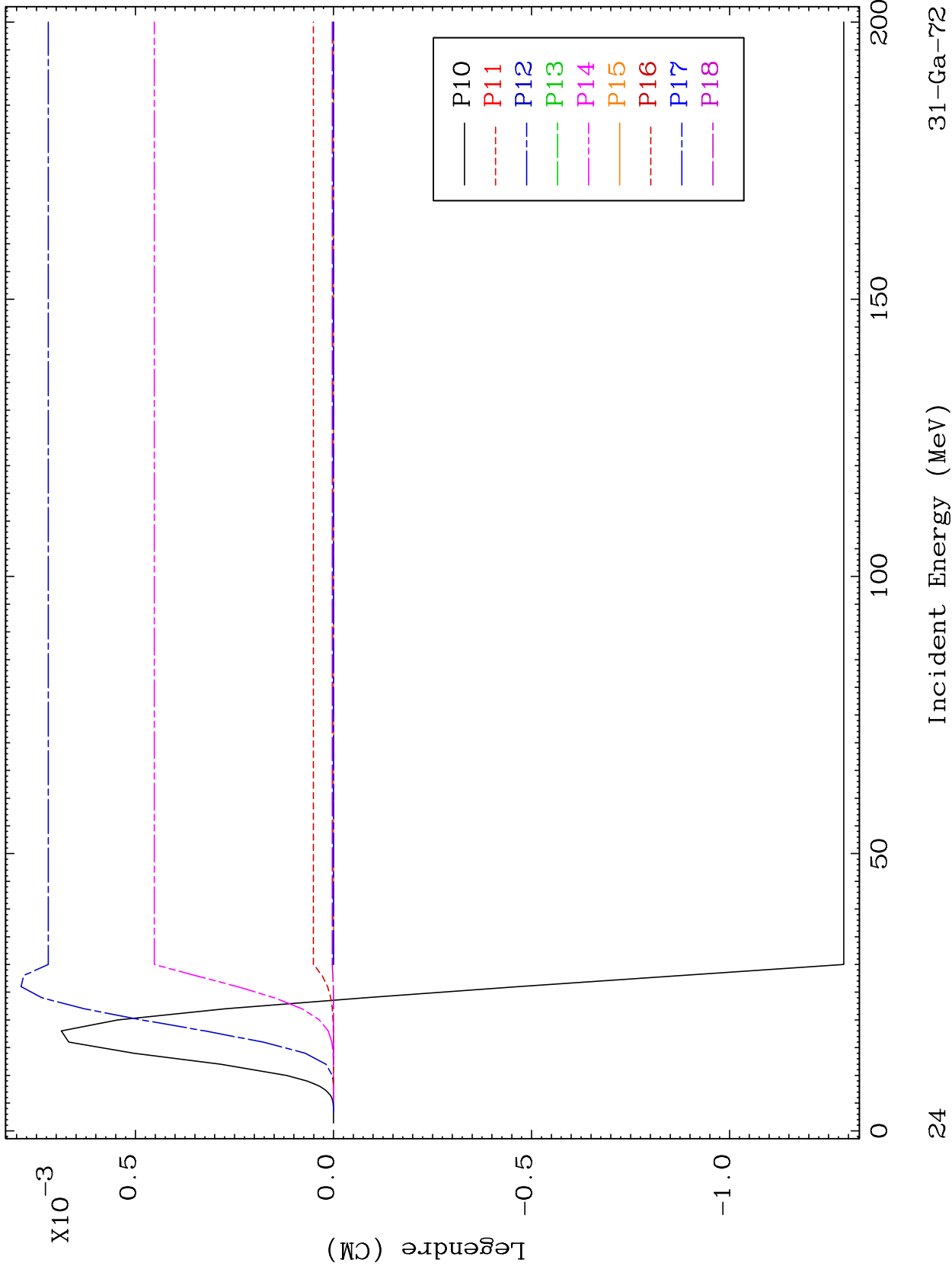




MAT 3134

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

31-Ga-72



24

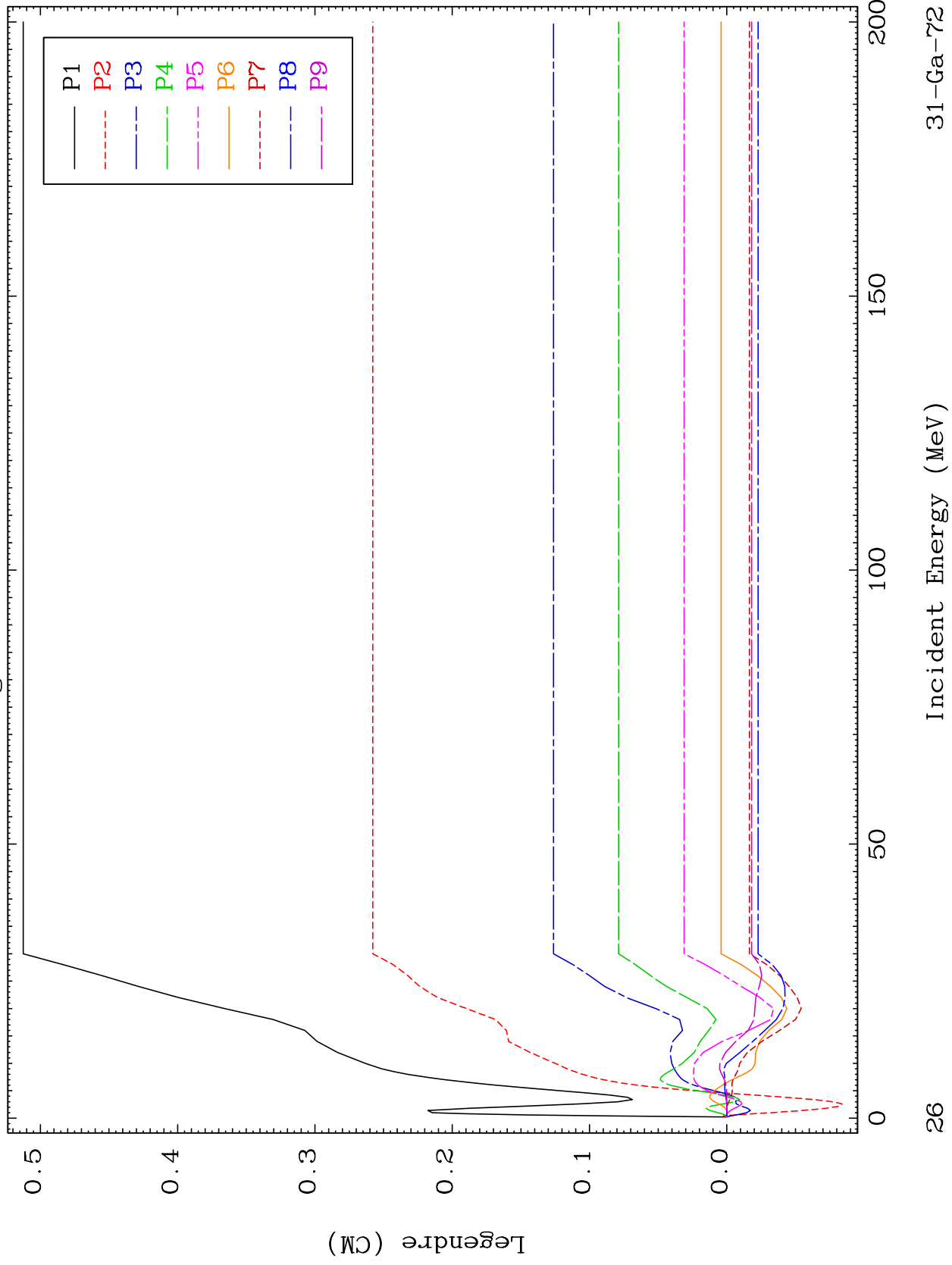
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



31-Ga-72

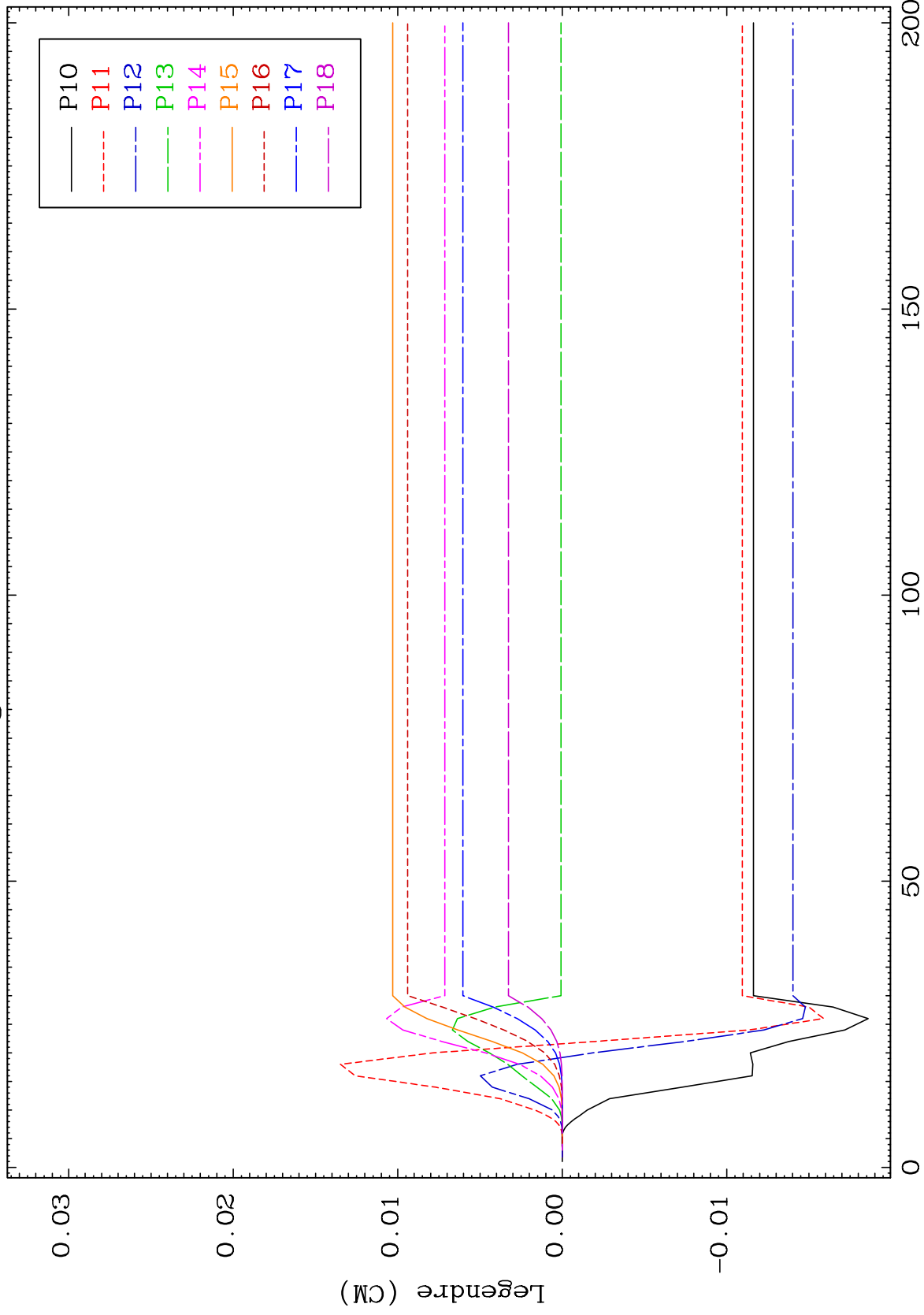
Incident Energy (MeV)

26

MAT 3134

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

31-Ga-72



27

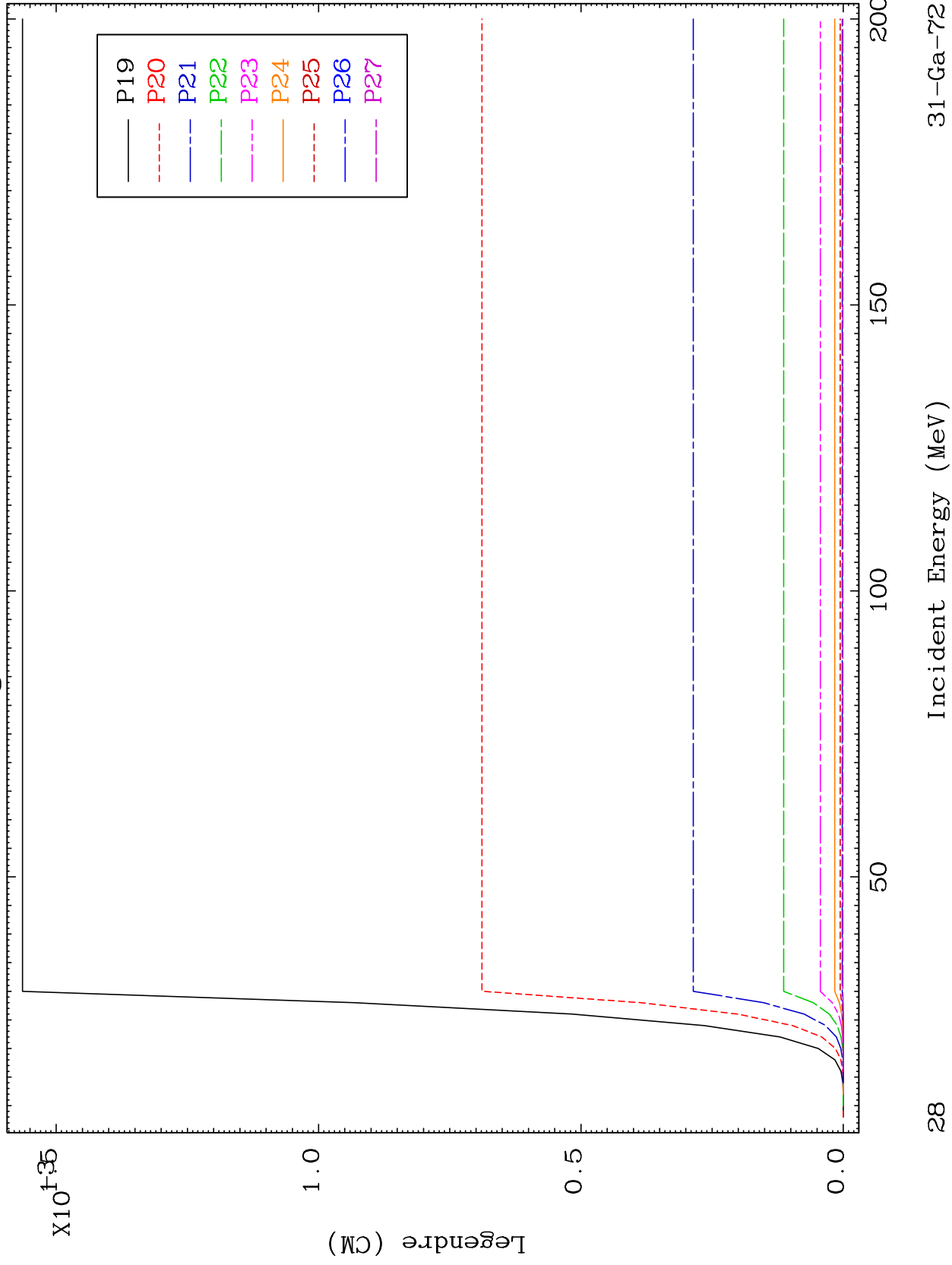
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



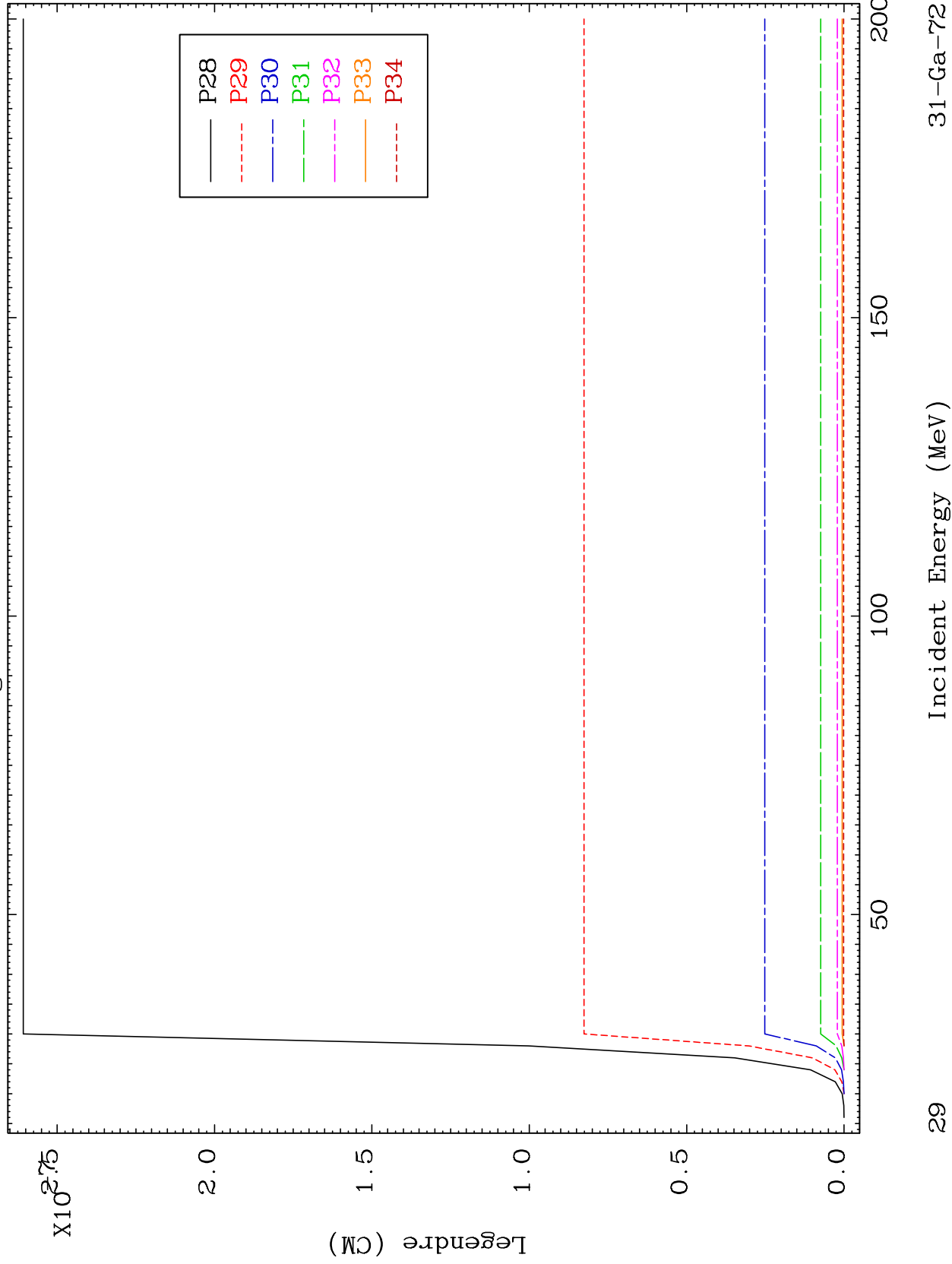
28

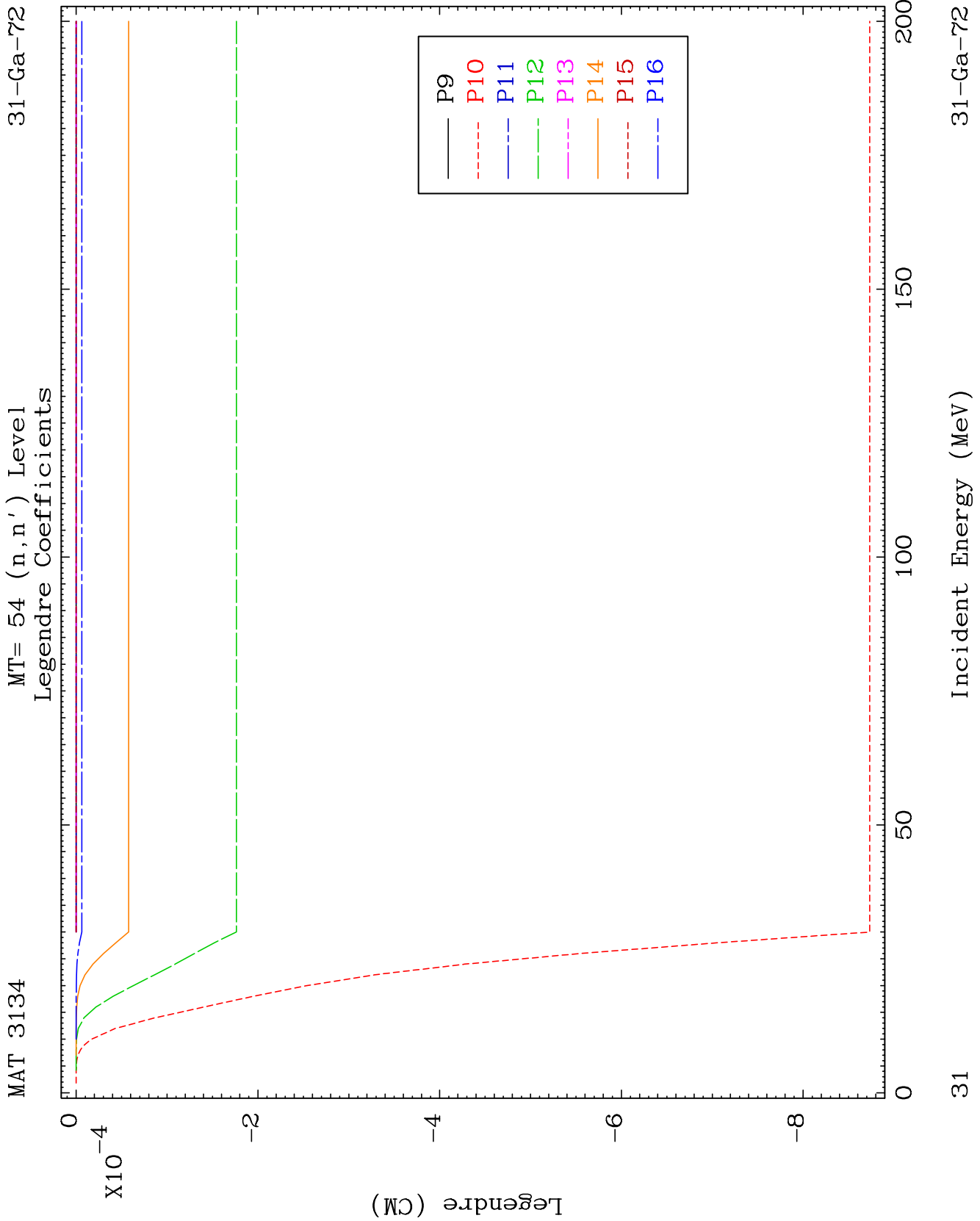
31-Ga-72

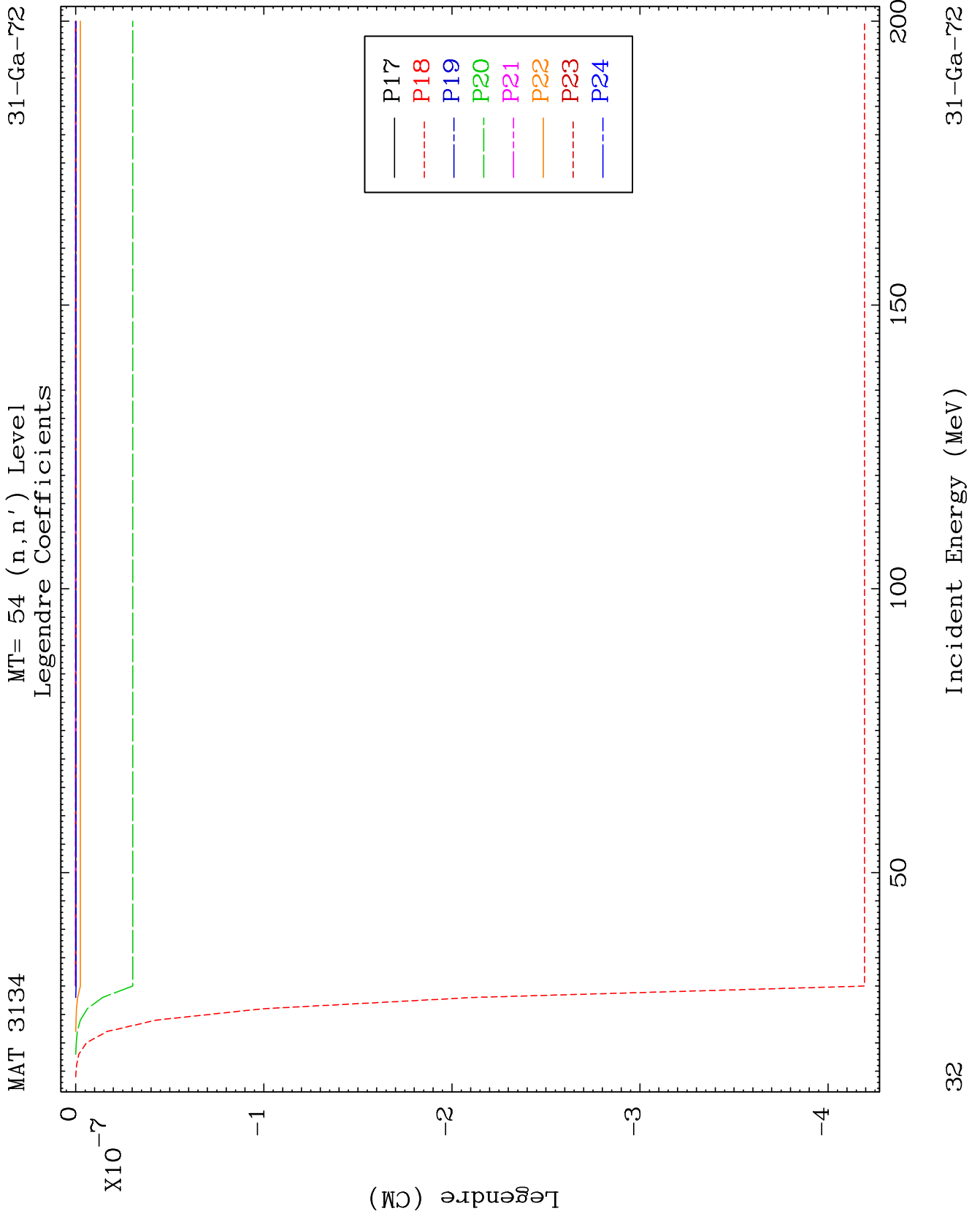
MAT 3134

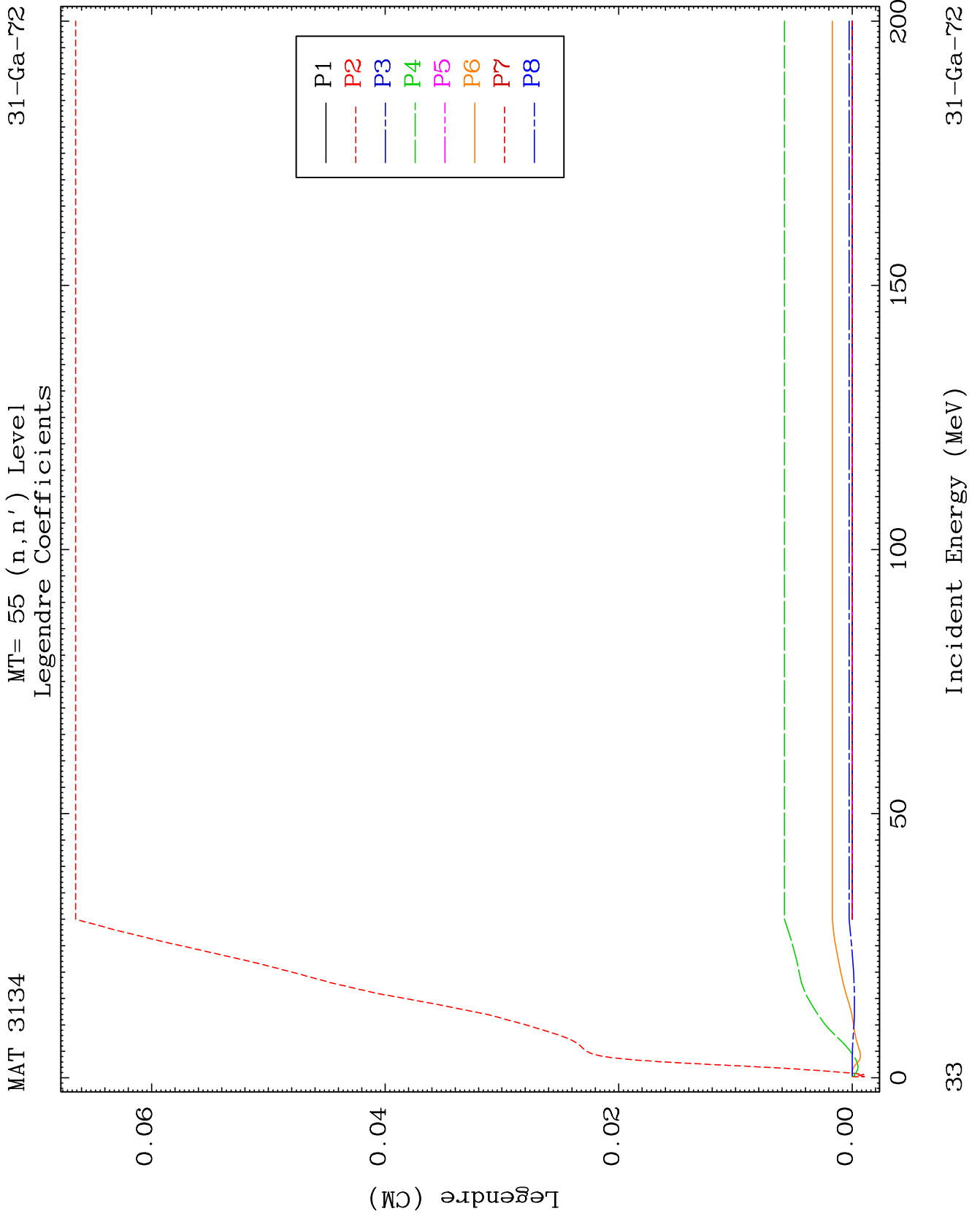
MT= 53 (n,n') Level
Legendre Coefficients

31-Ga-72





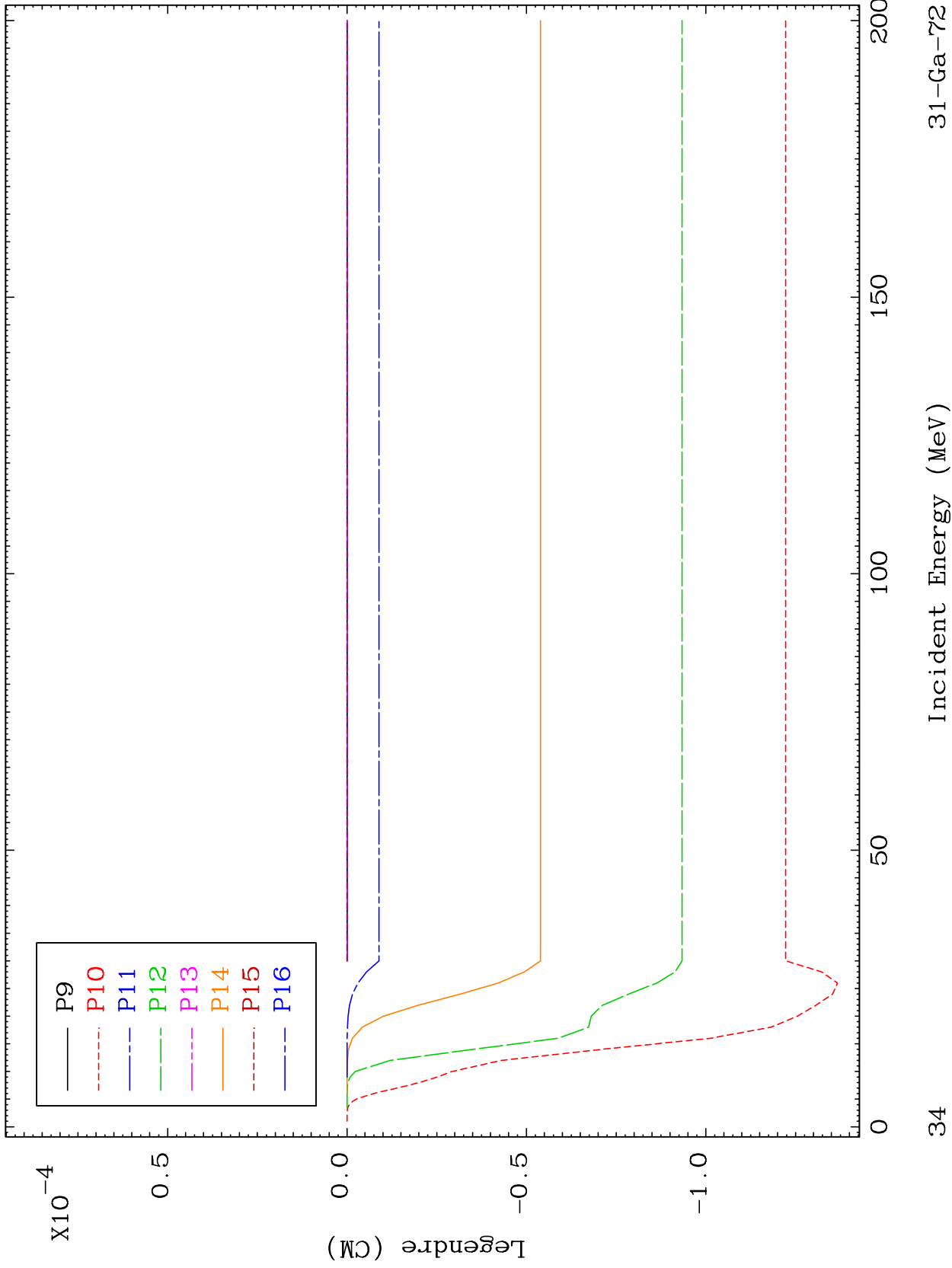




MAT 3134

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

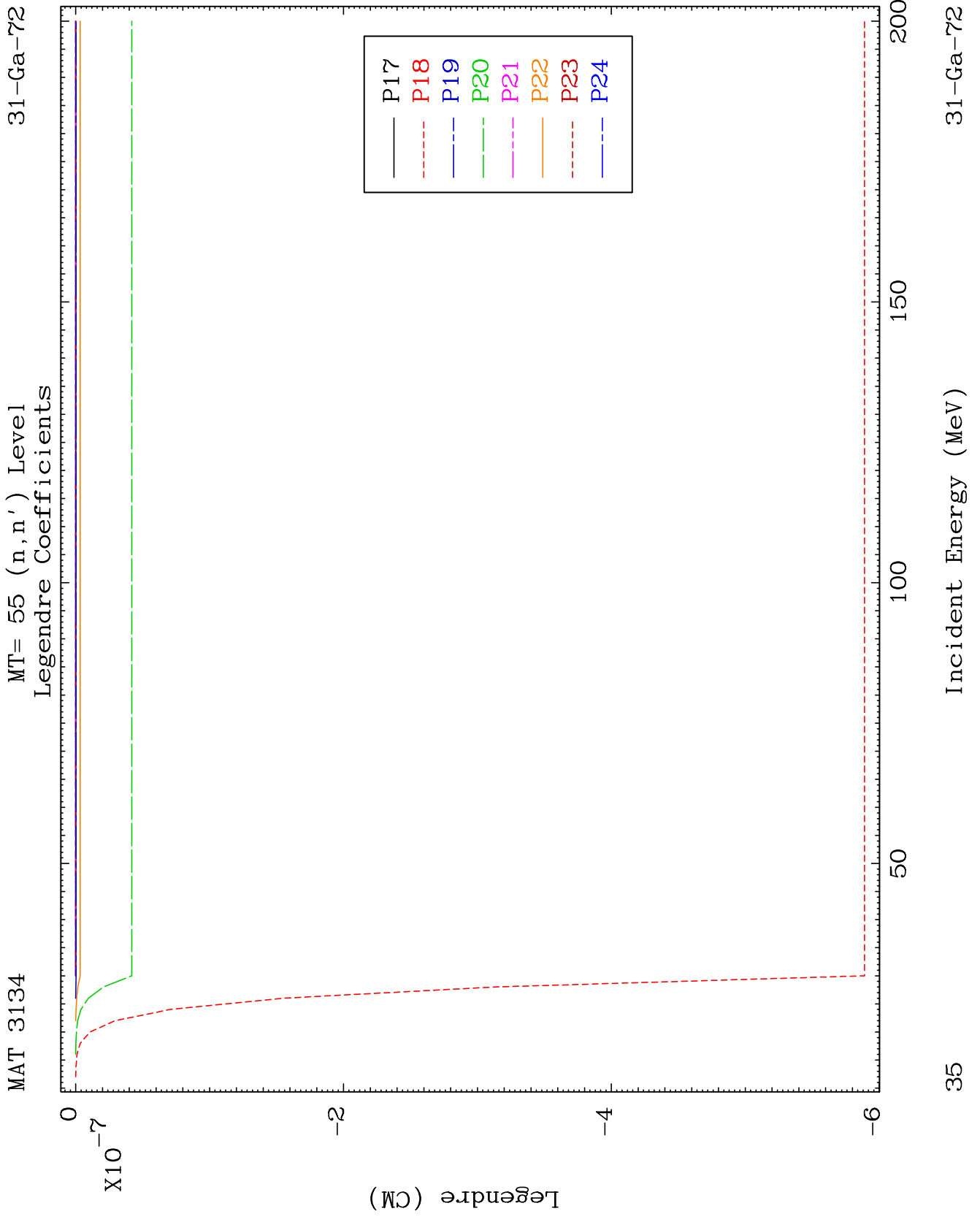
31-Ga-72



34

Incident Energy (MeV)

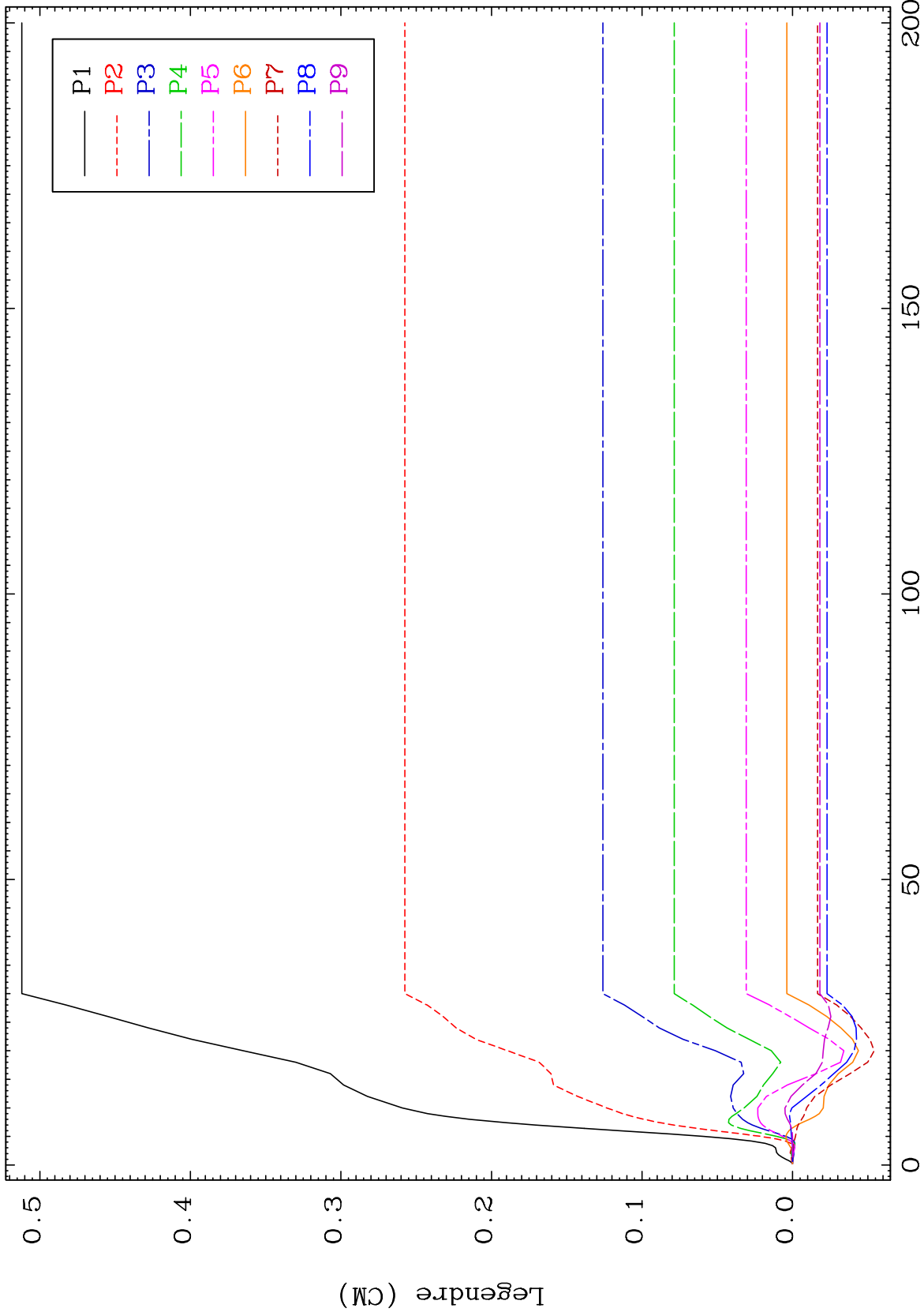
31-Ga-72



MAT 3134

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

31-Ga-72



31-Ga-72

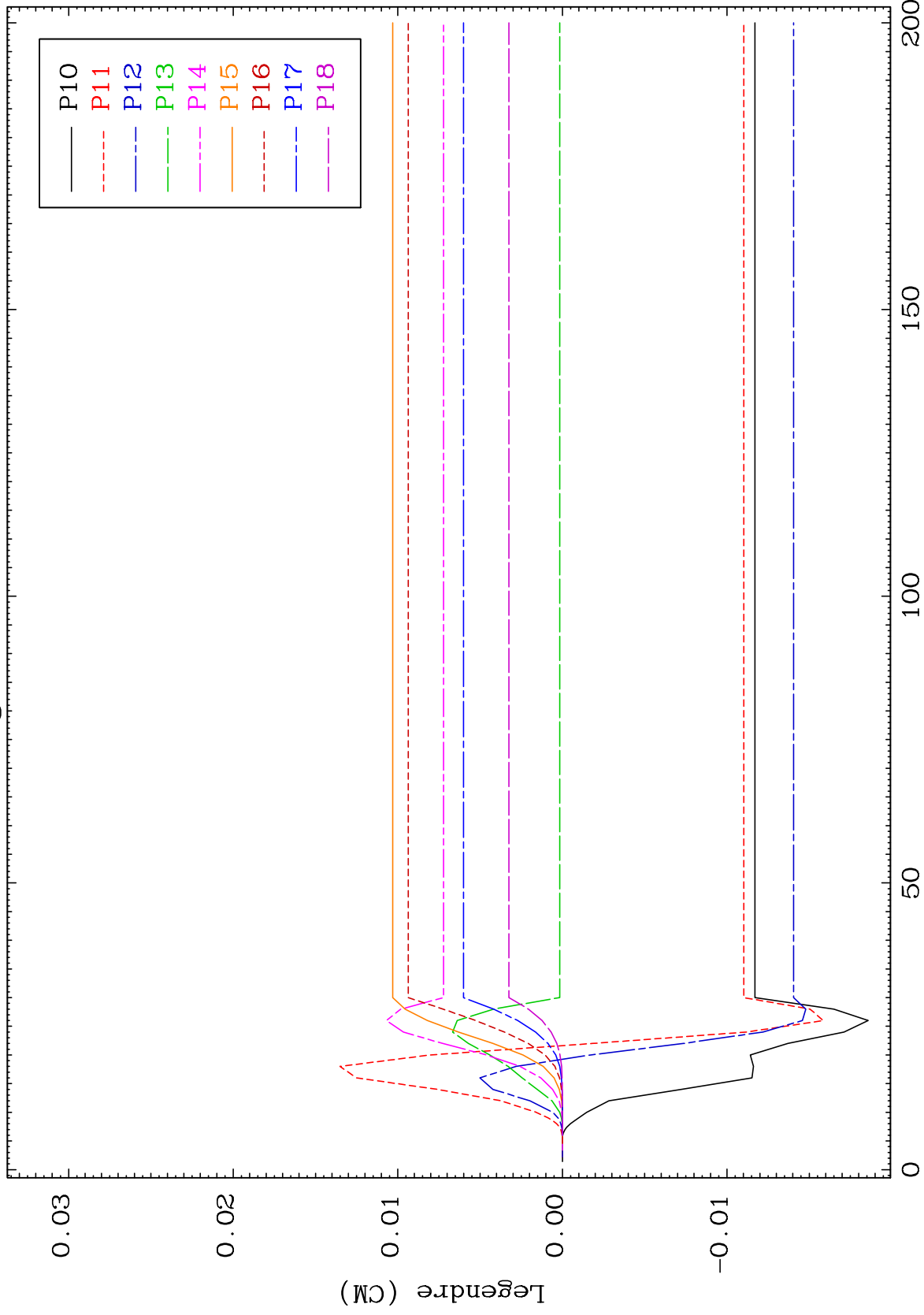
Incident Energy (MeV)

36

MAT 3134

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

31-Ga-72



37

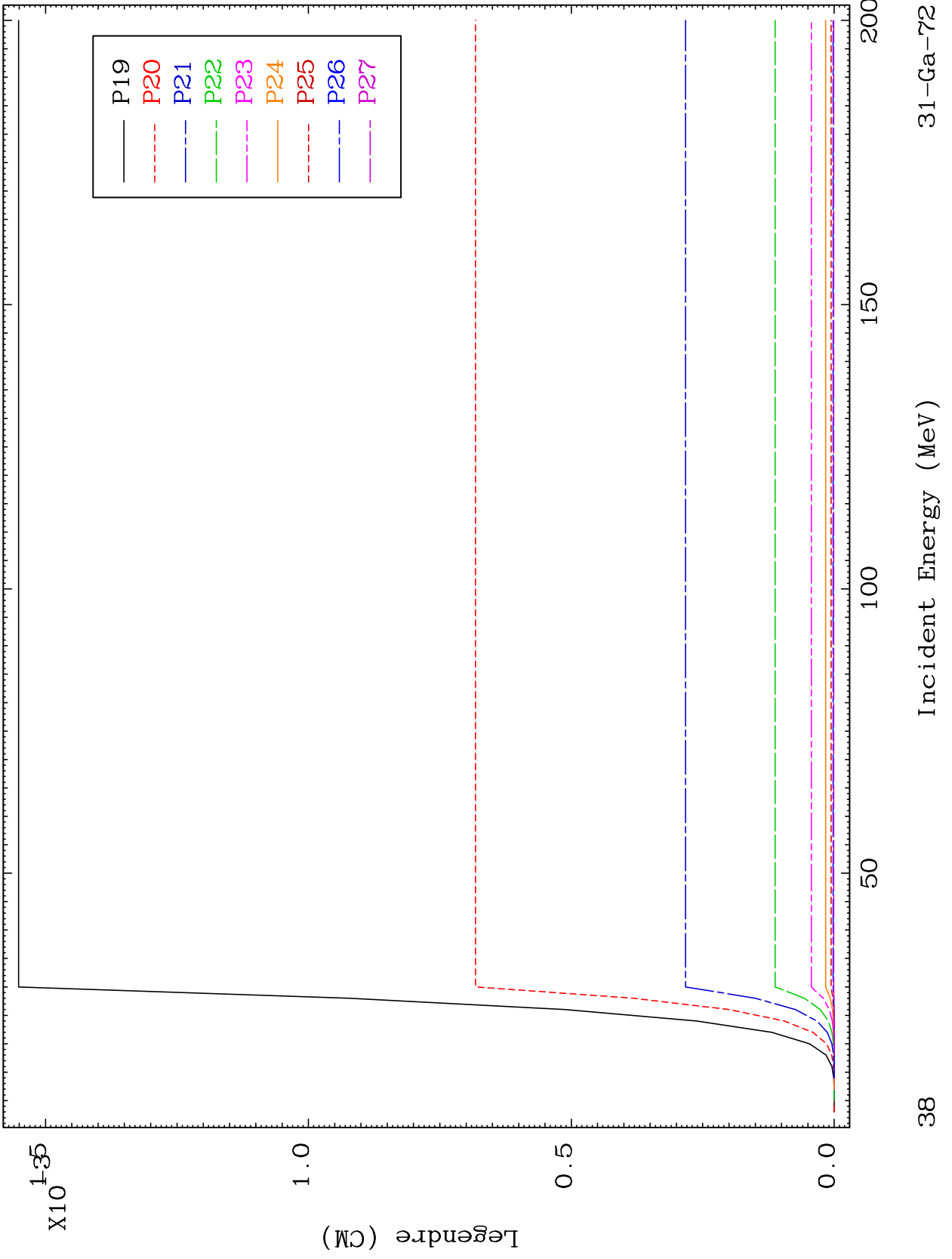
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

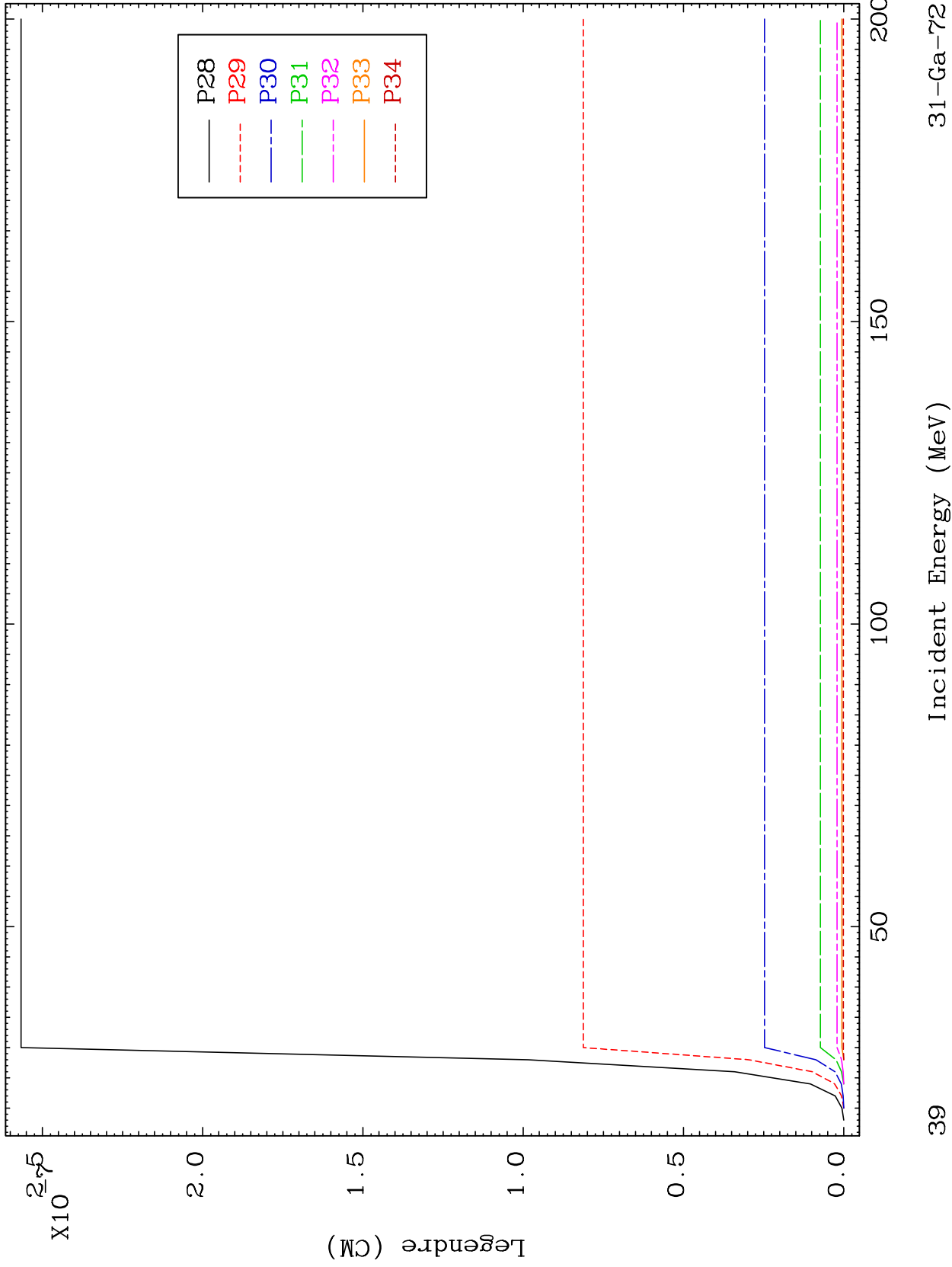
31-Ga-72



MAT 3134

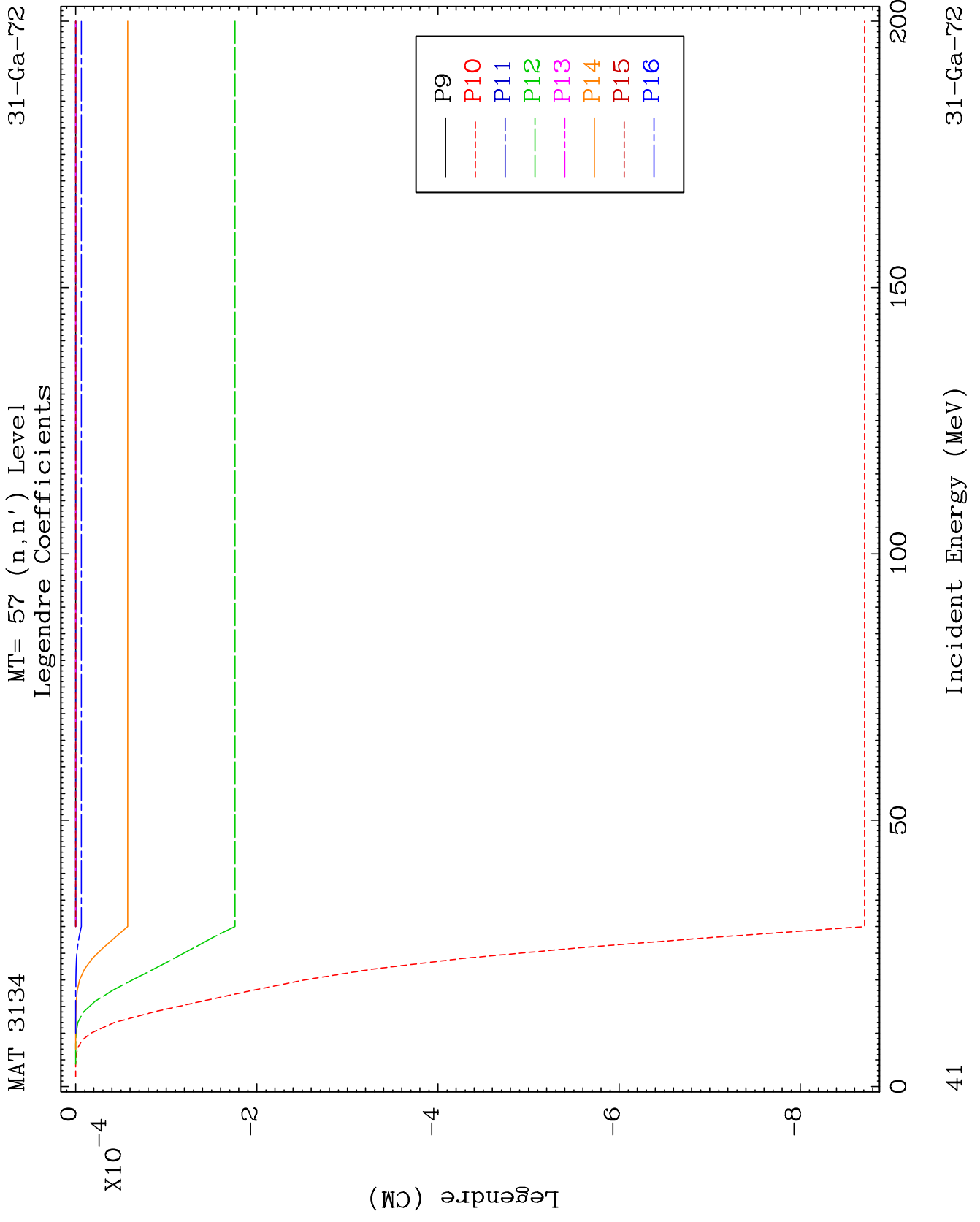
MT= 56 (n,n') Level
Legendre Coefficients

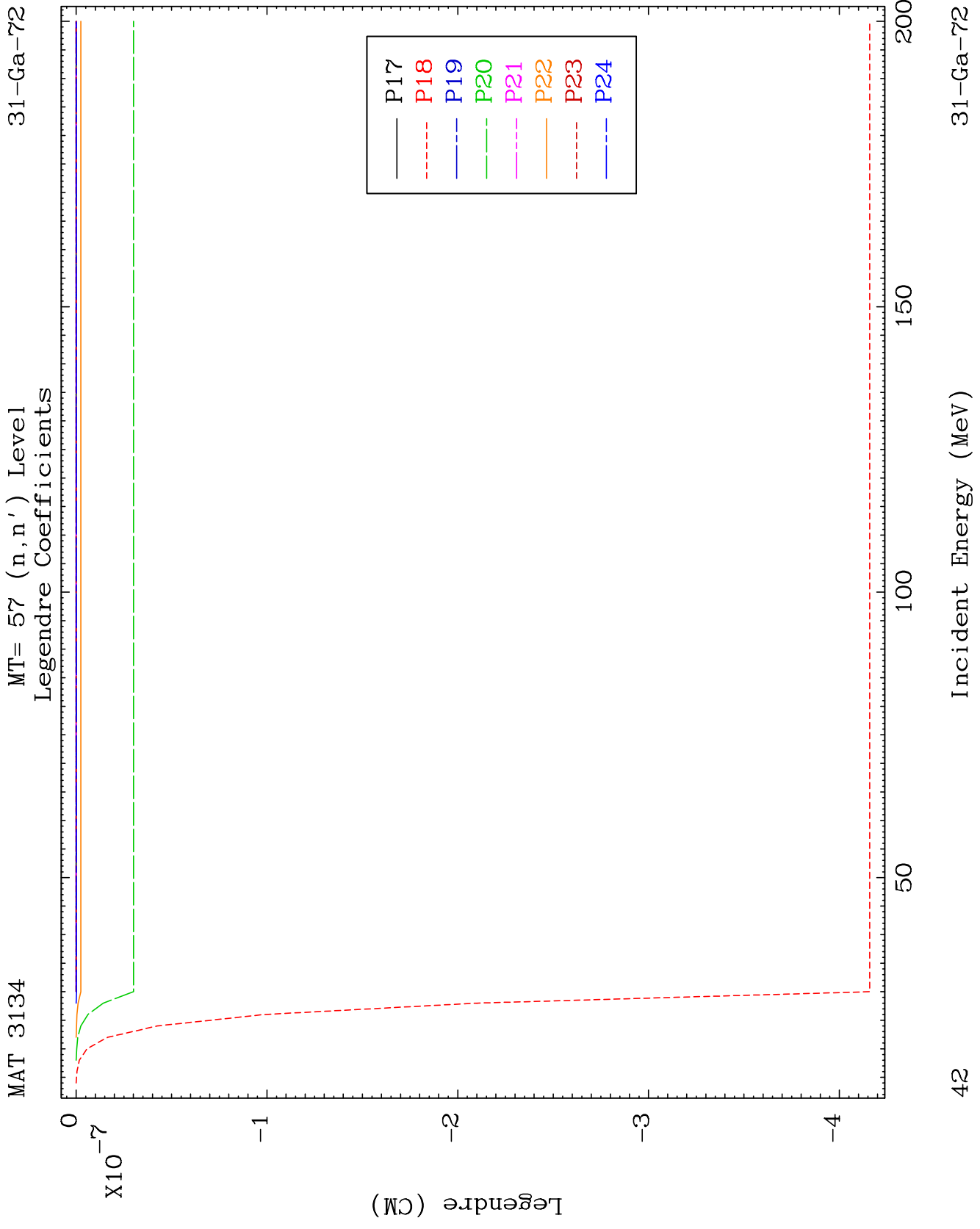
31-Ga-72



39

31-Ga-72

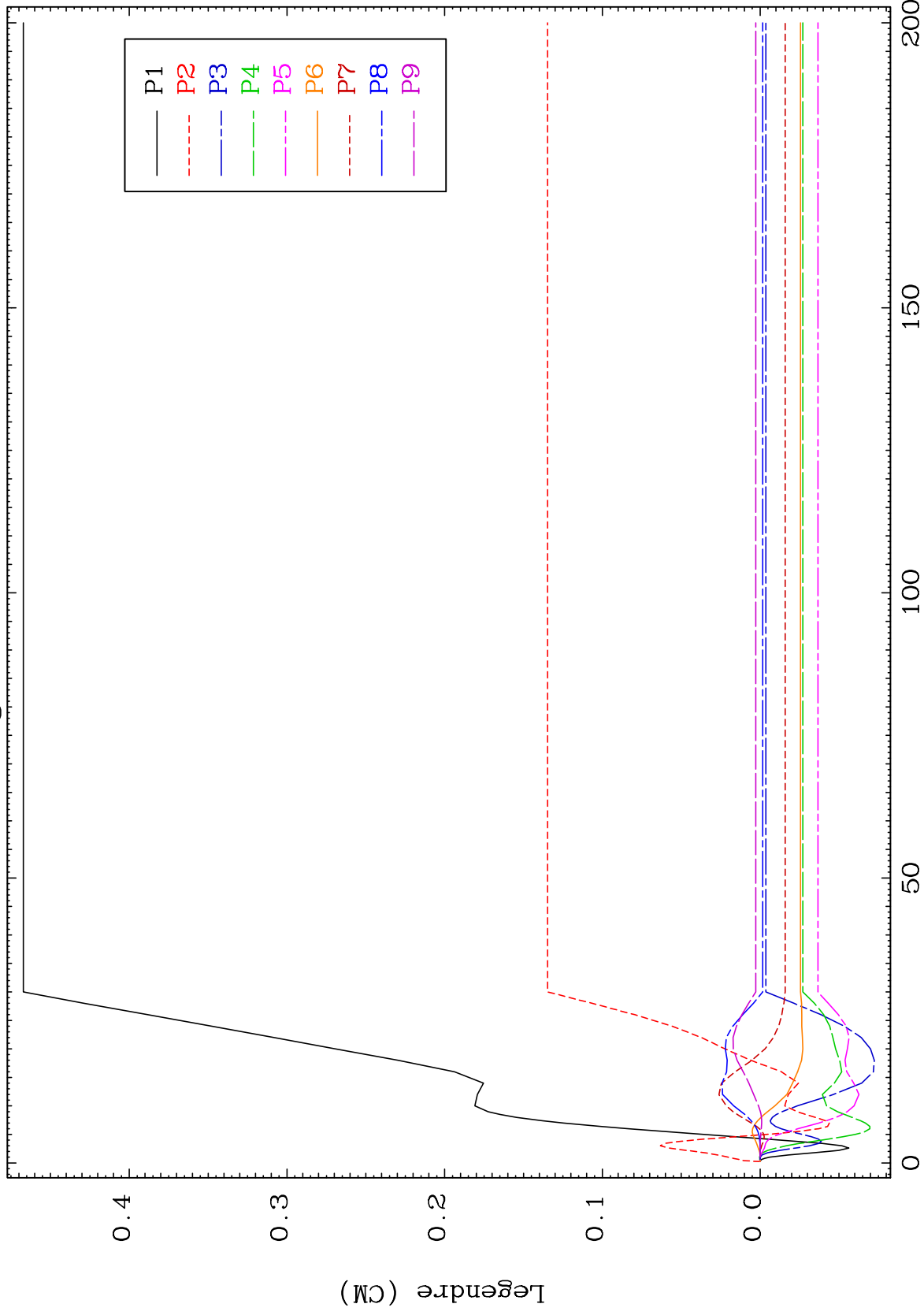




MAT 3134

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

31-Ga-72



43

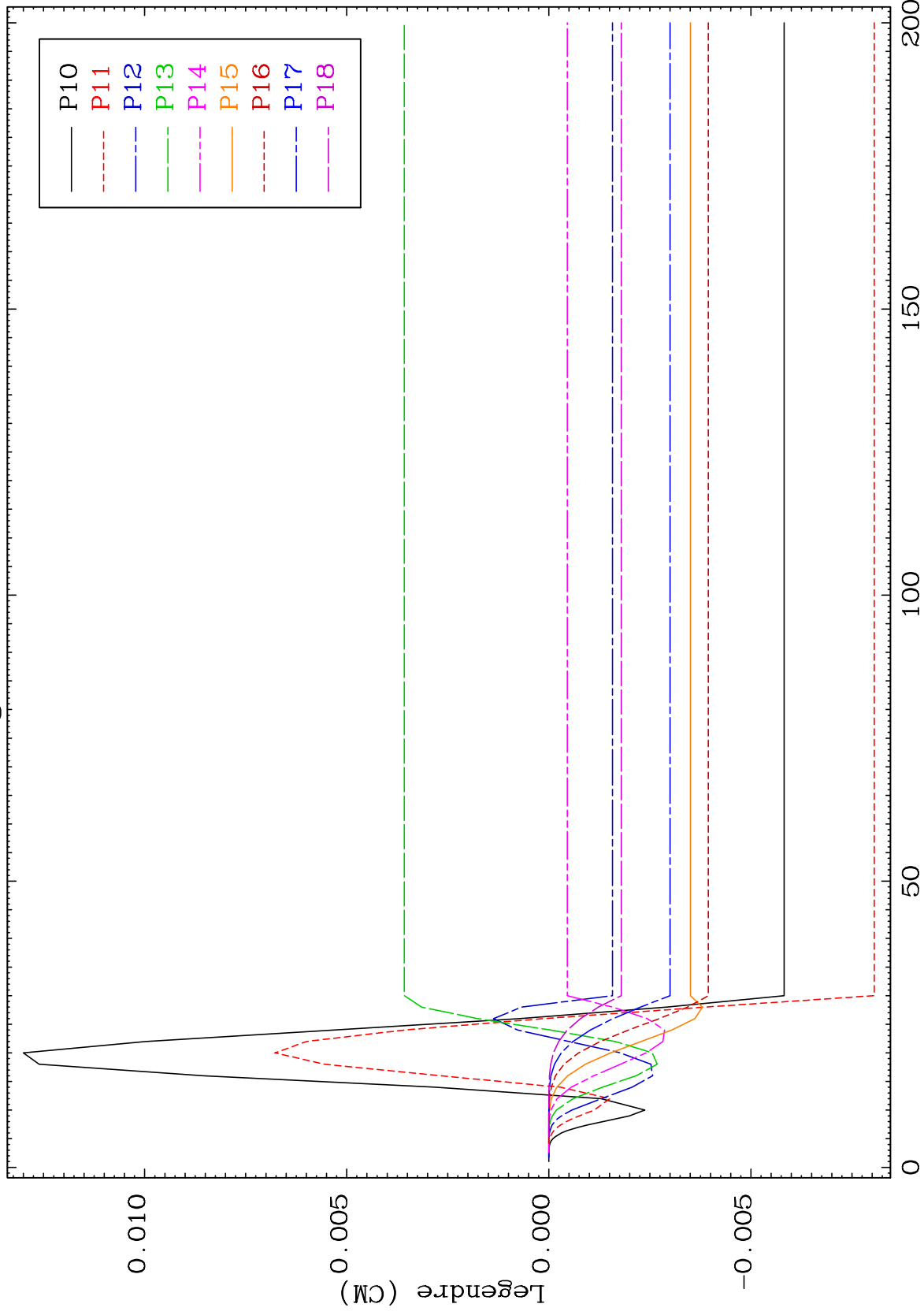
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

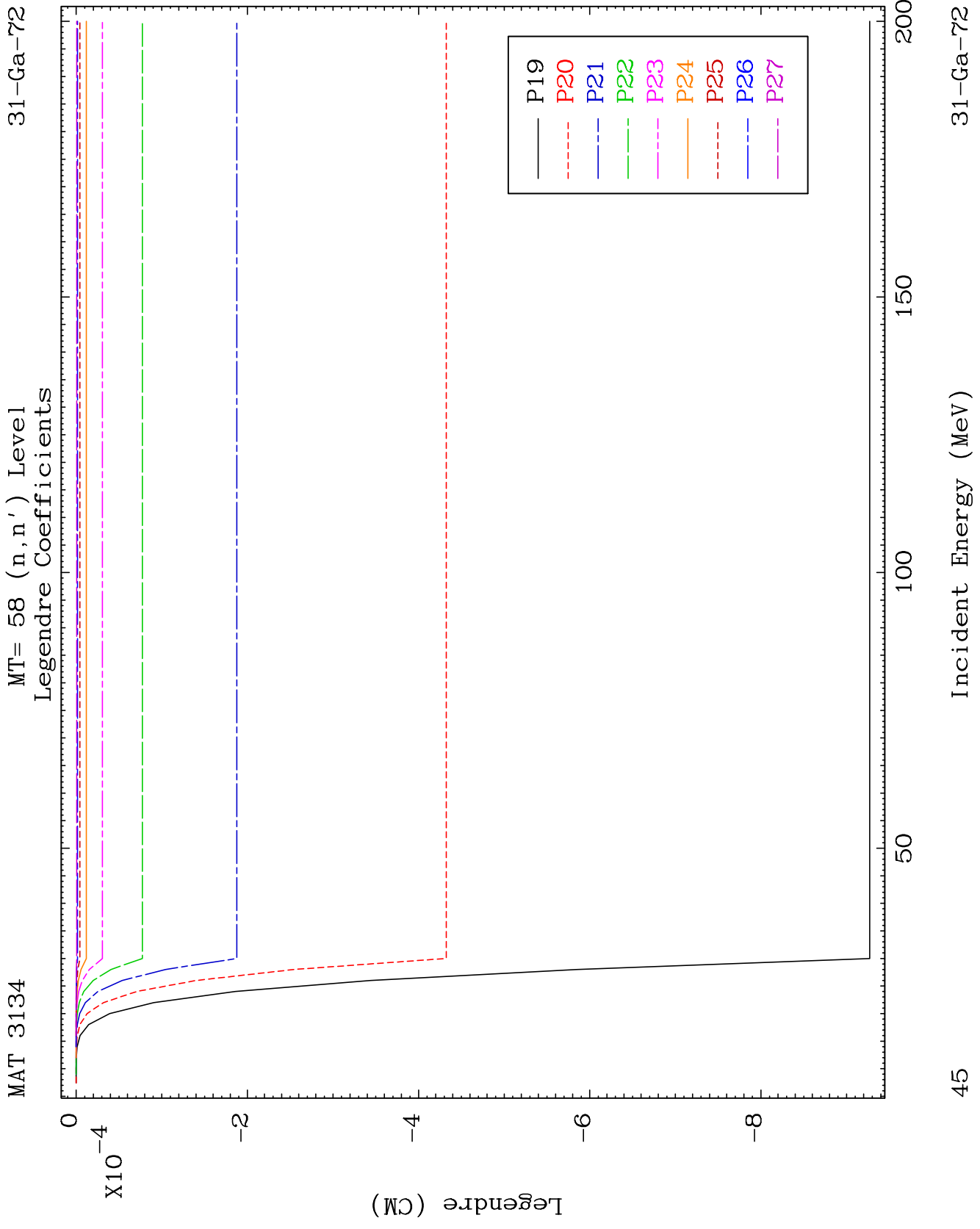
31-Ga-72

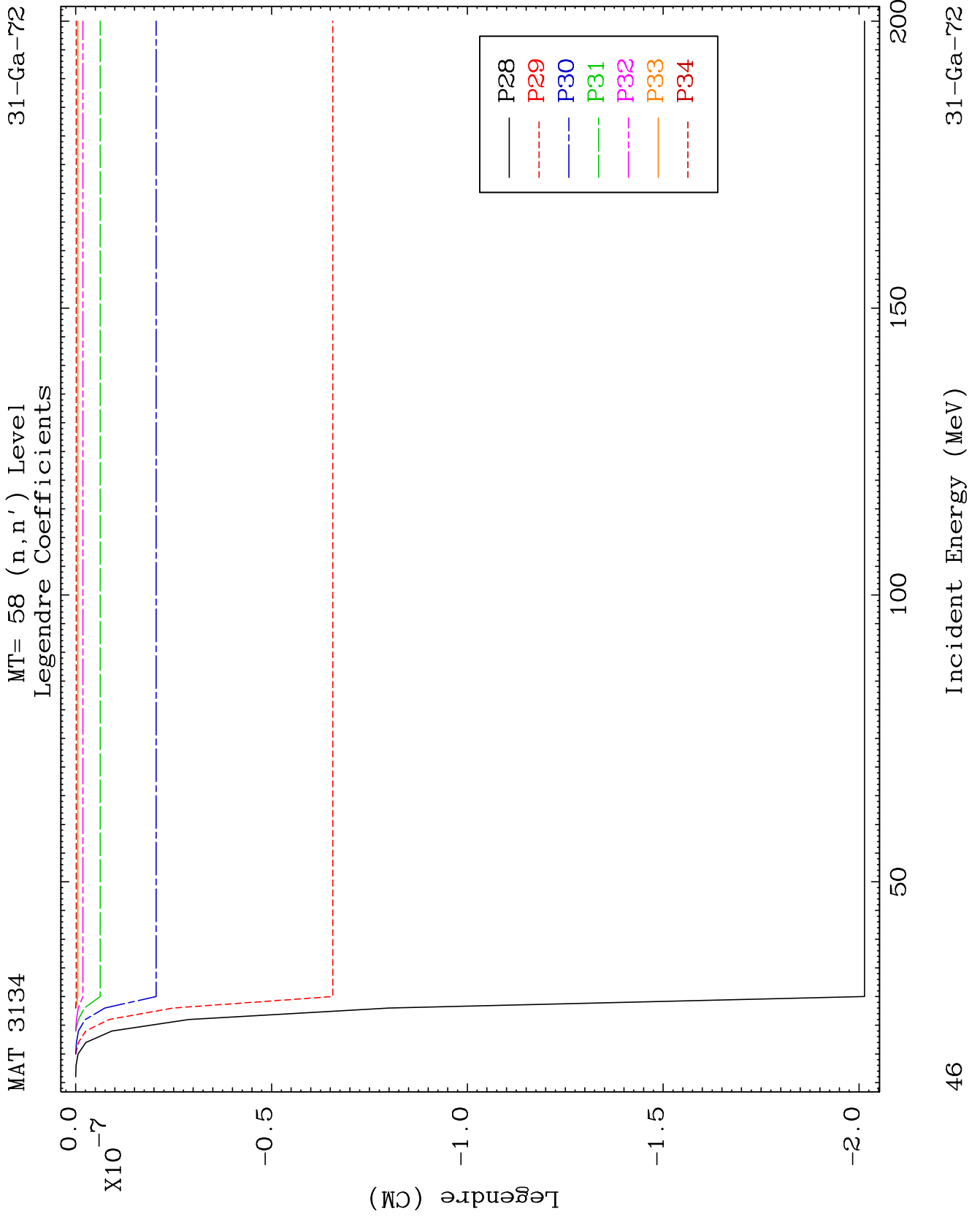


44

Incident Energy (MeV)

31-Ga-72

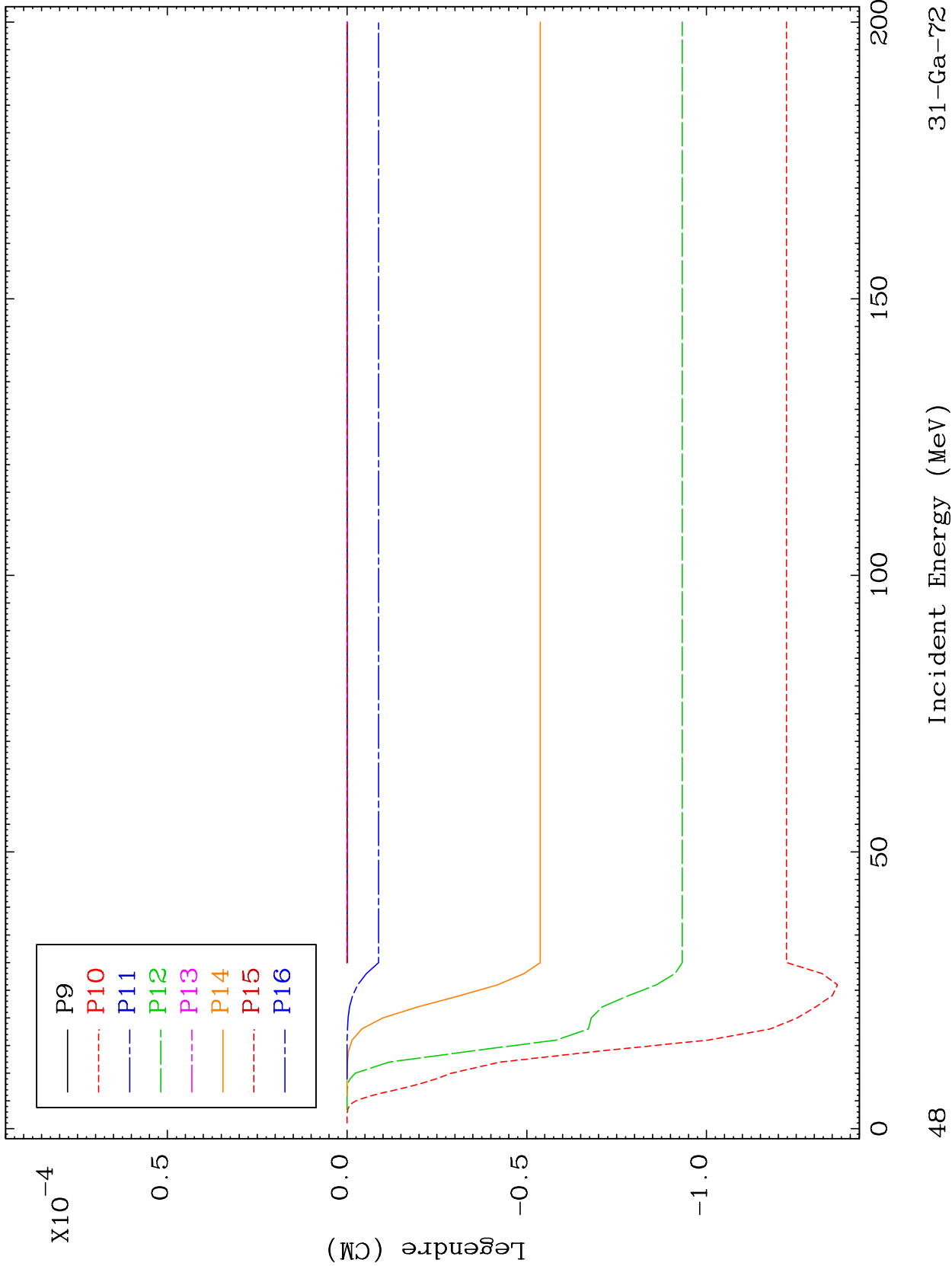




MAT 3134

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

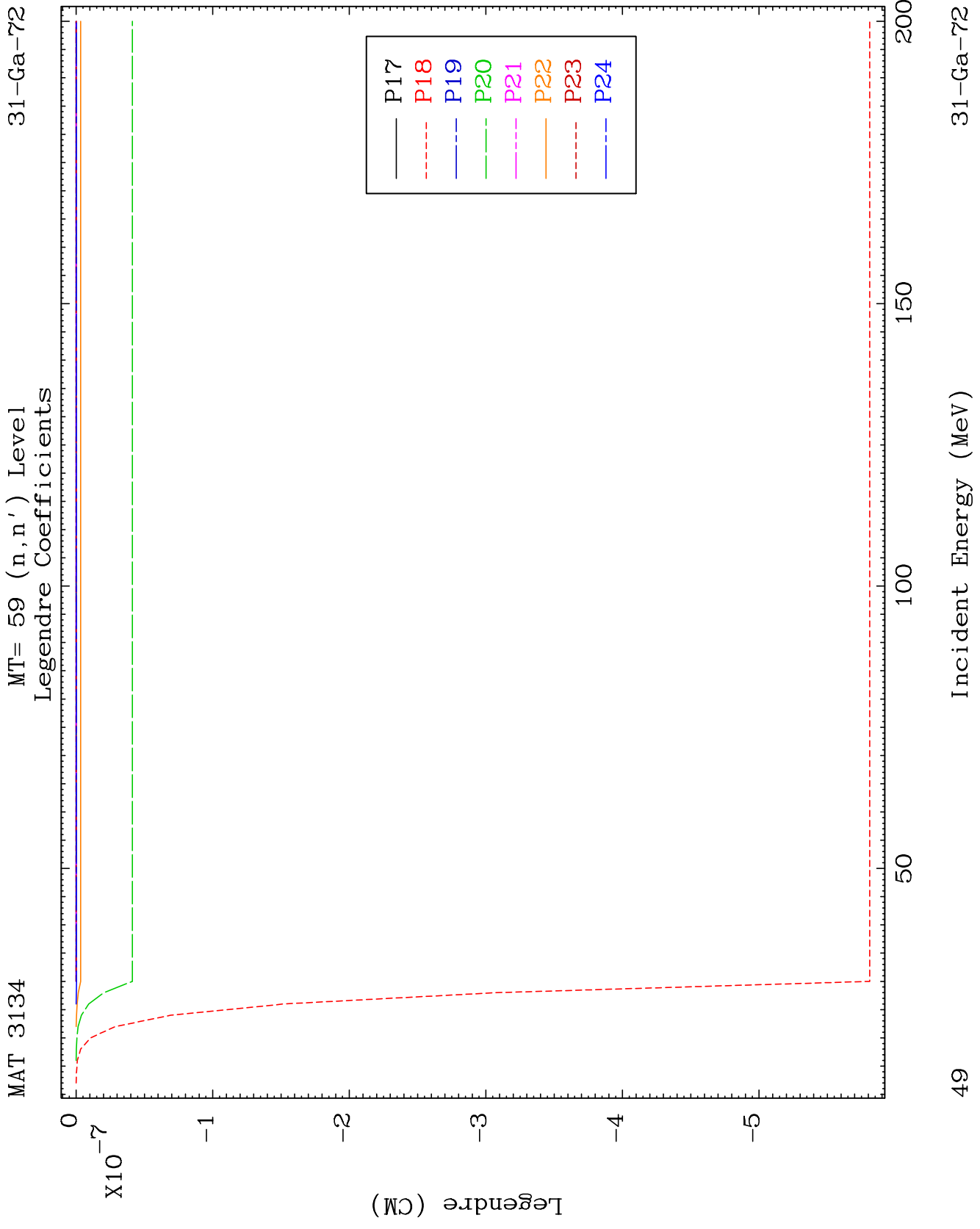
31-Ga-72

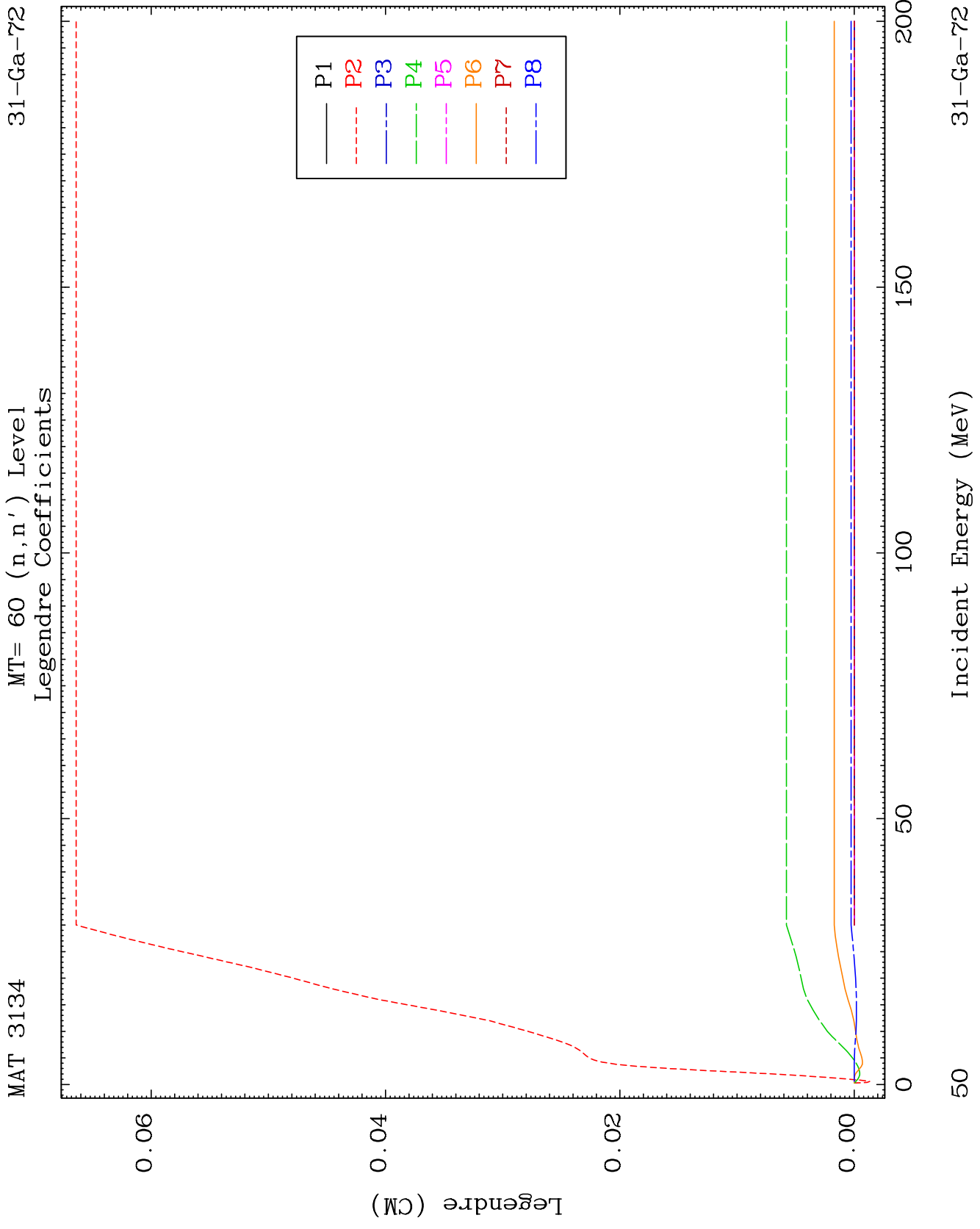


48

Incident Energy (MeV)

31-Ga-72

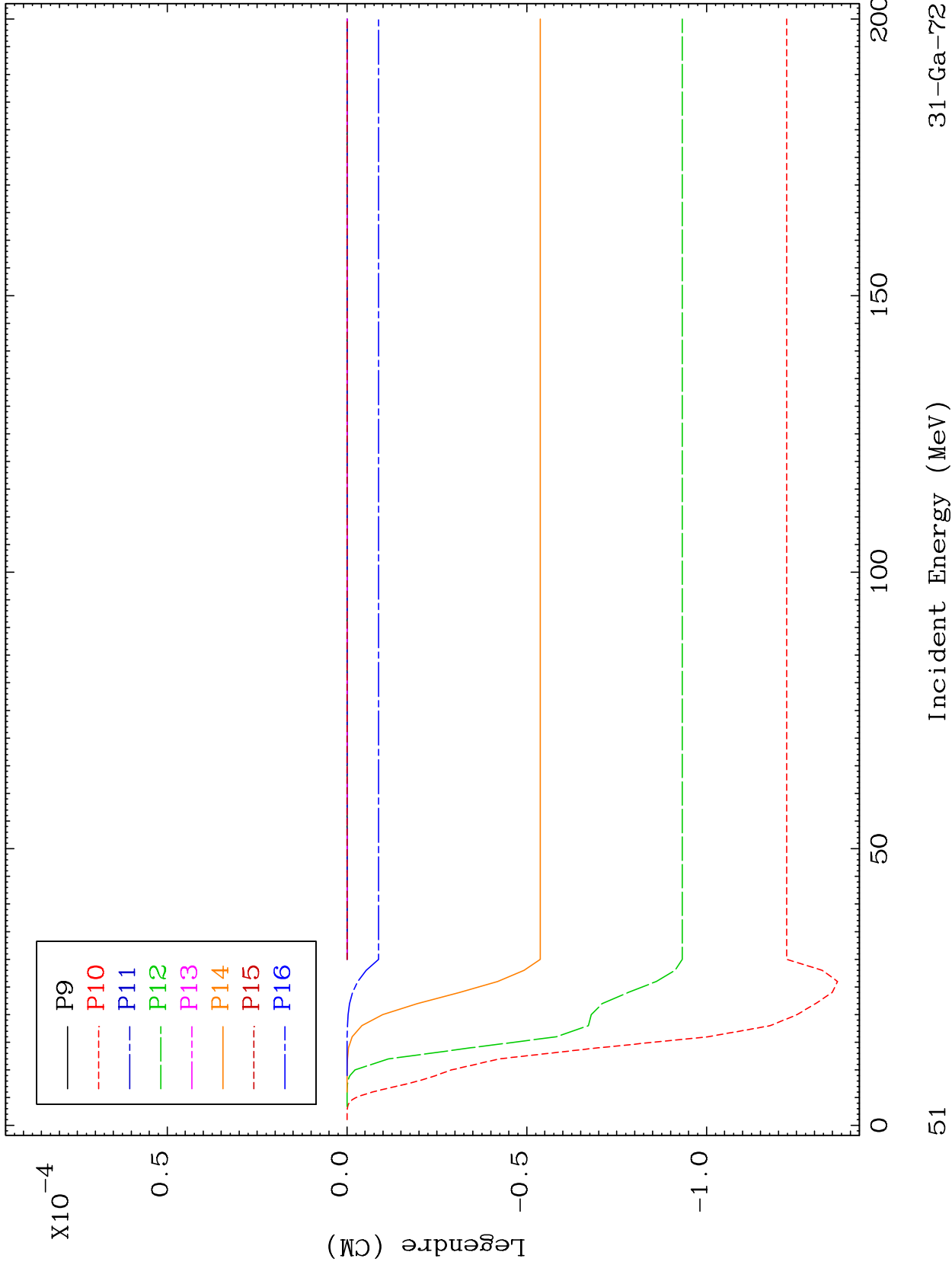




MAT 3134

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

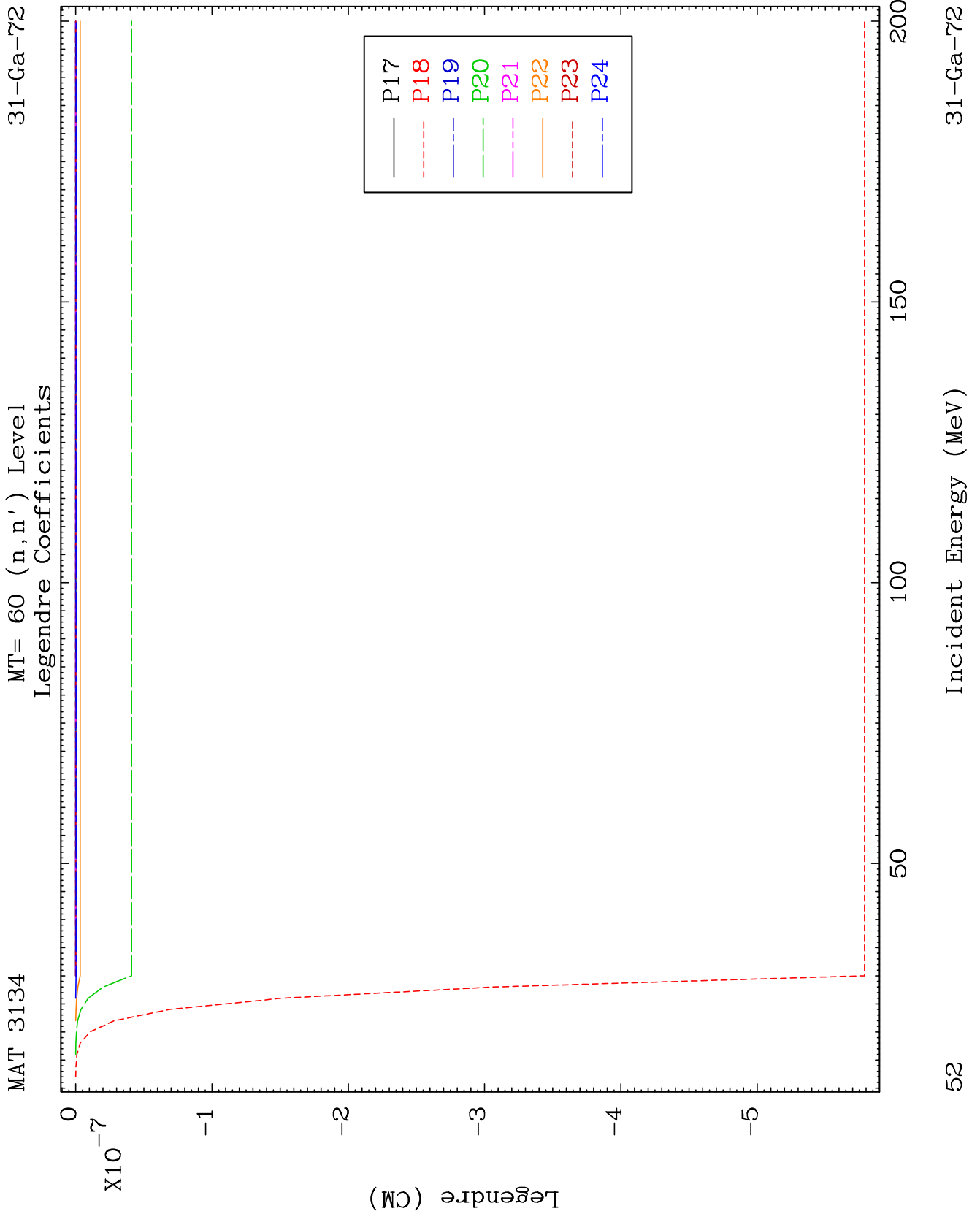
31-Ga-72

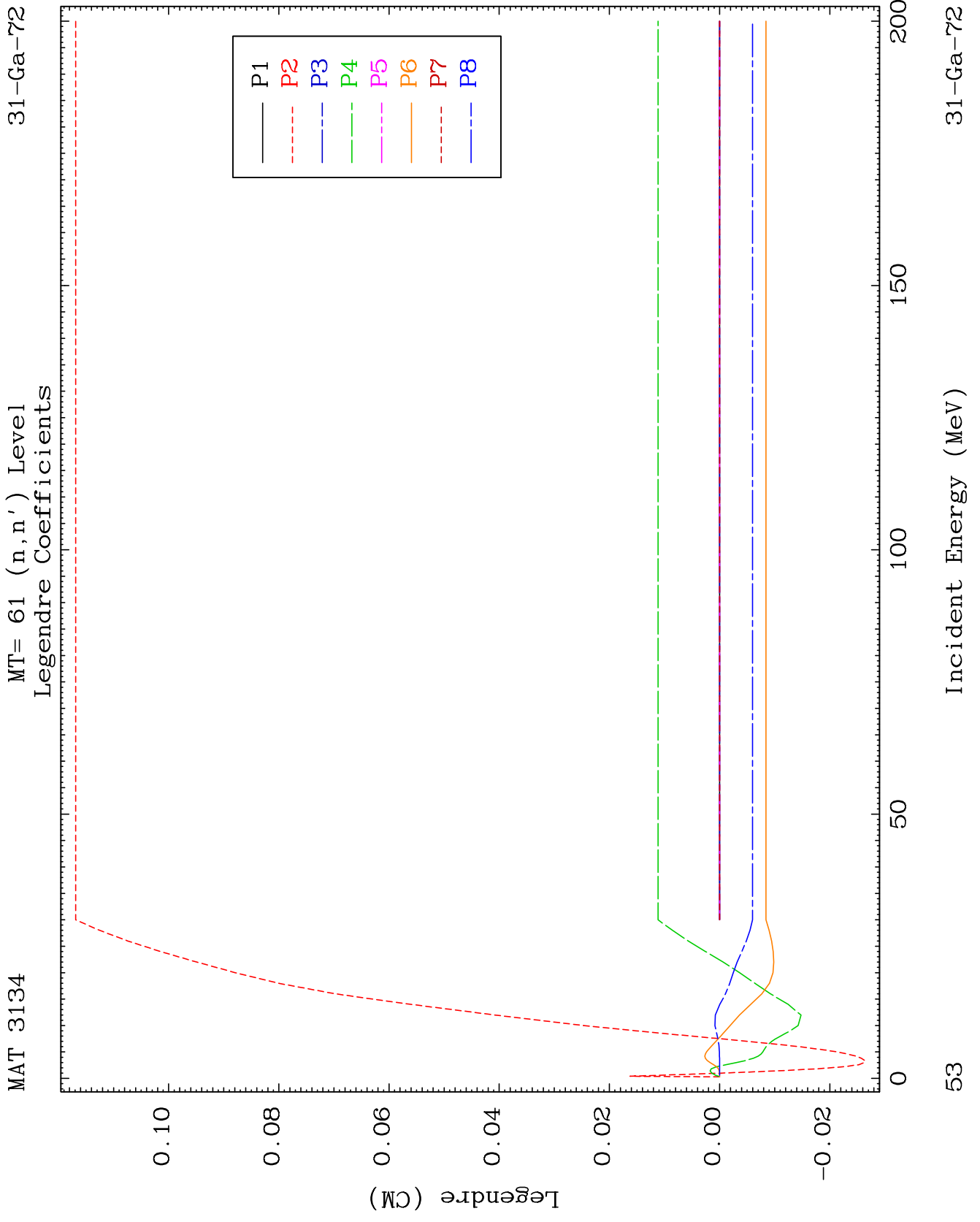


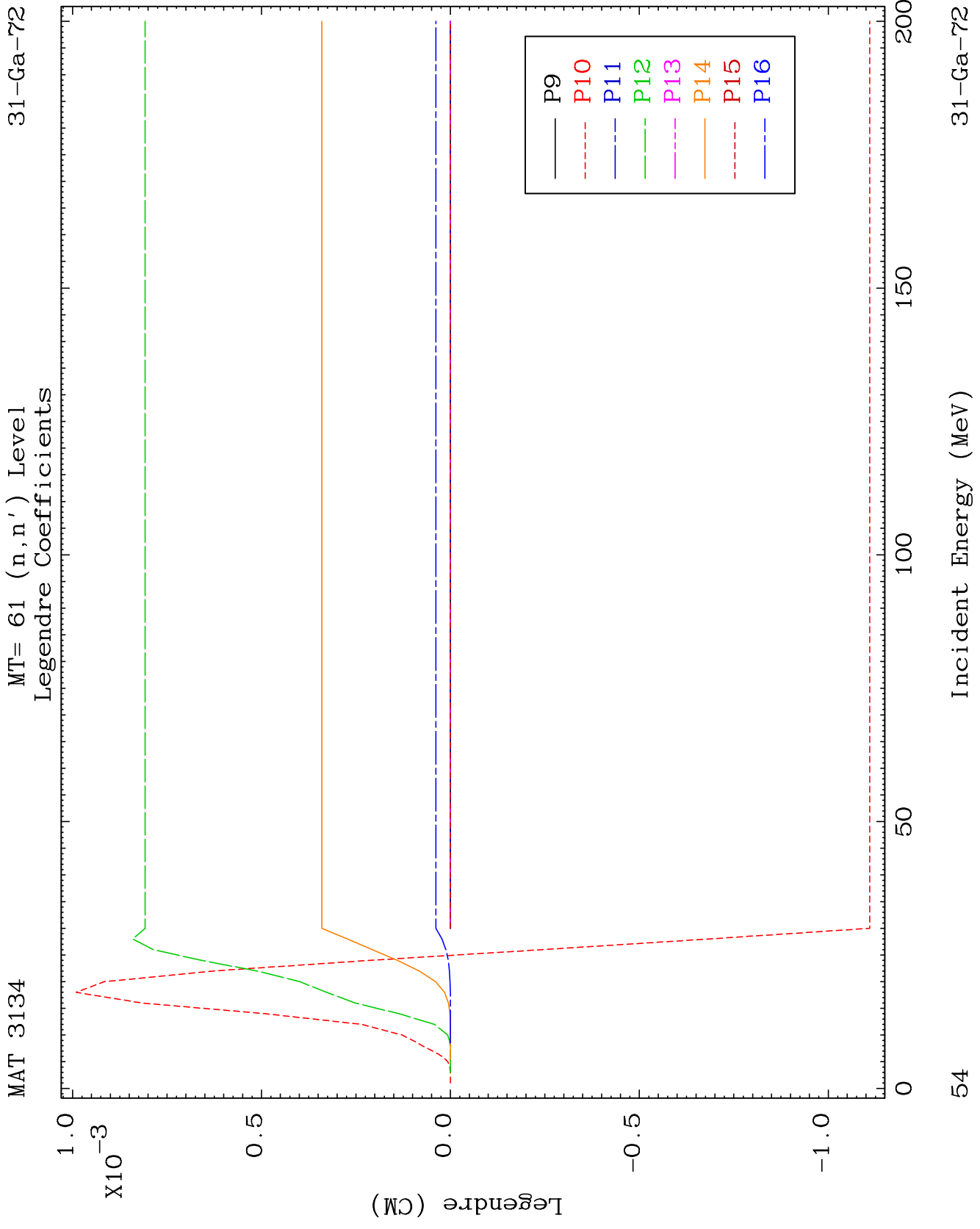
51

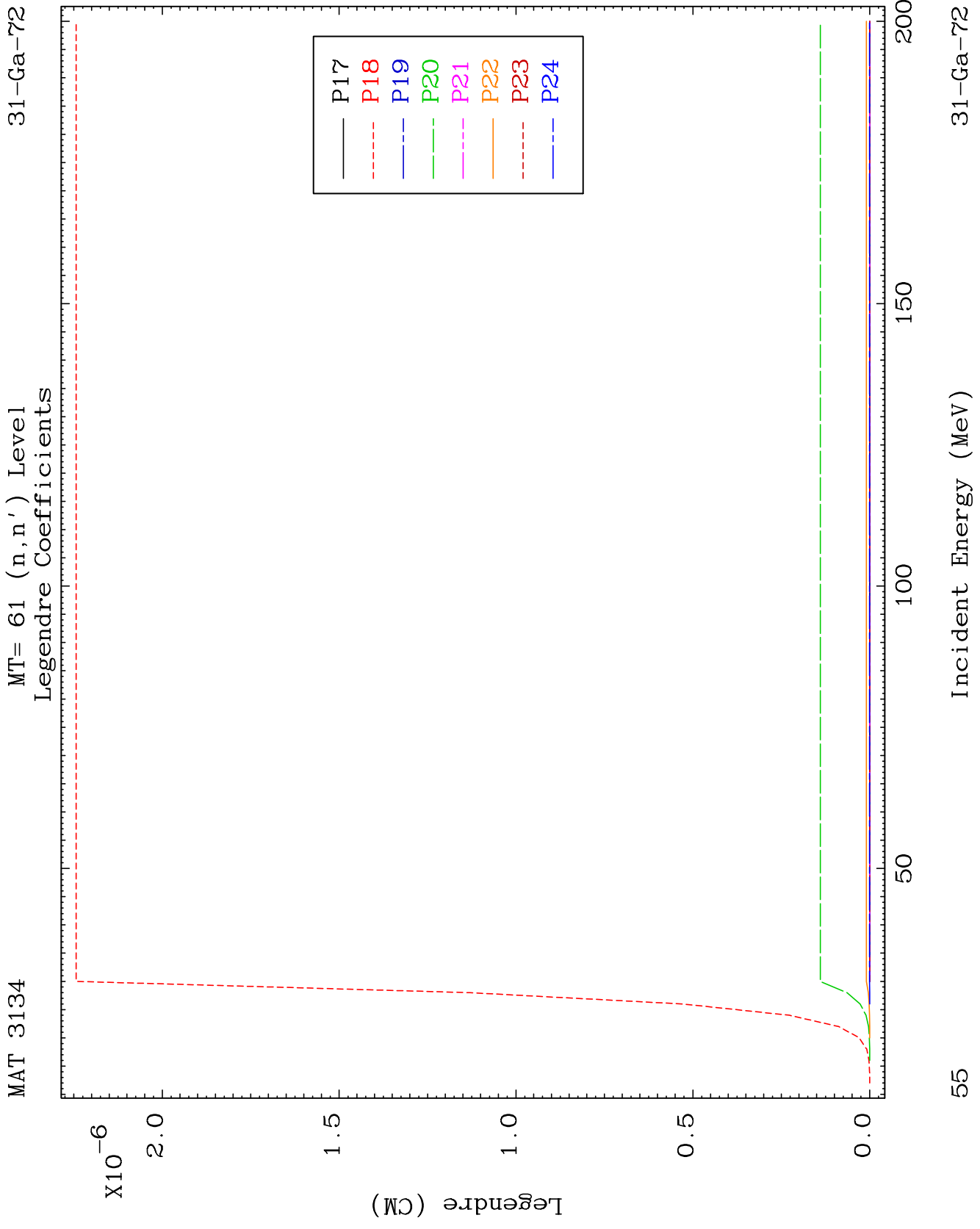
Incident Energy (MeV)

31-Ga-72





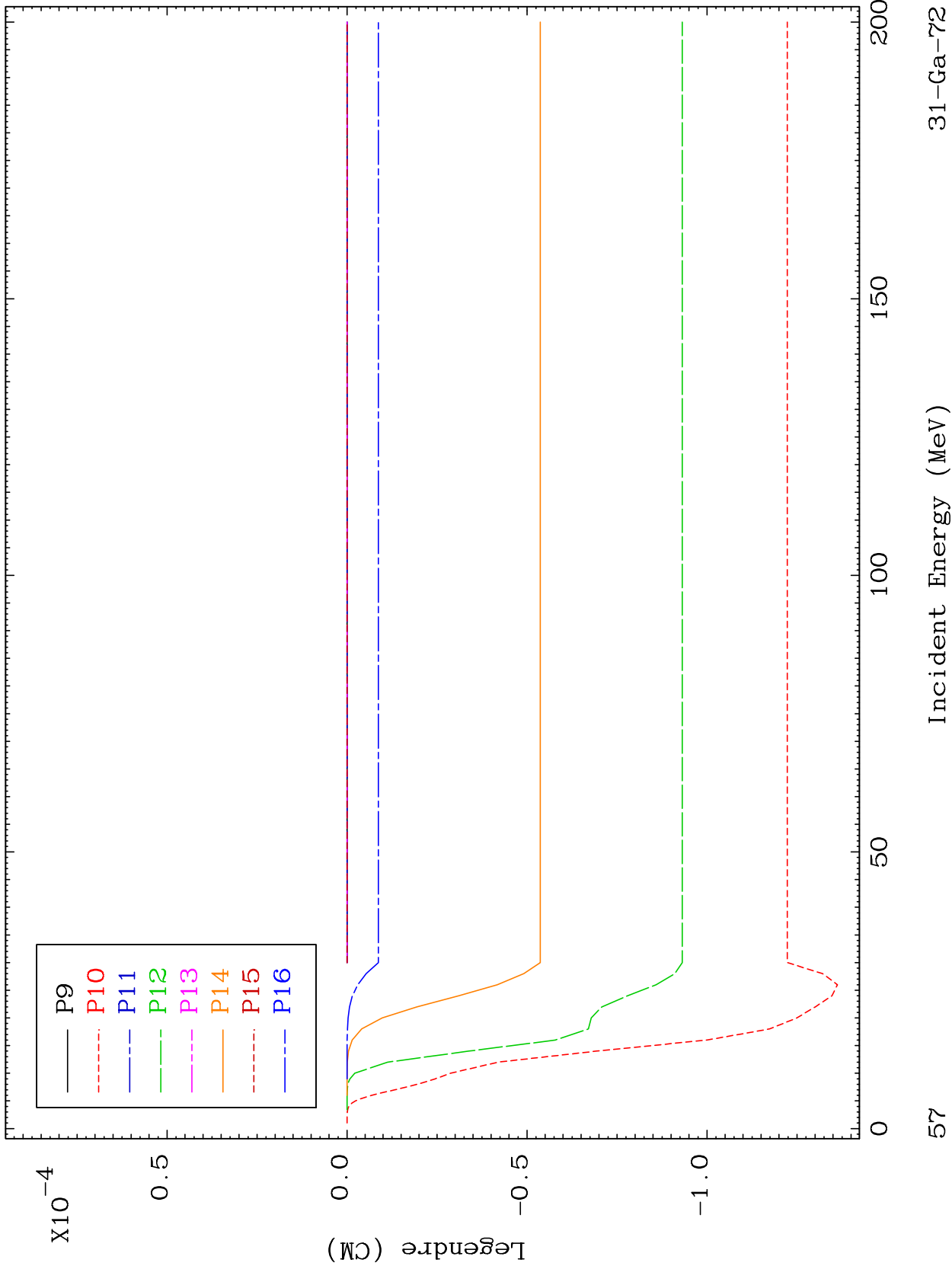




MAT 3134

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

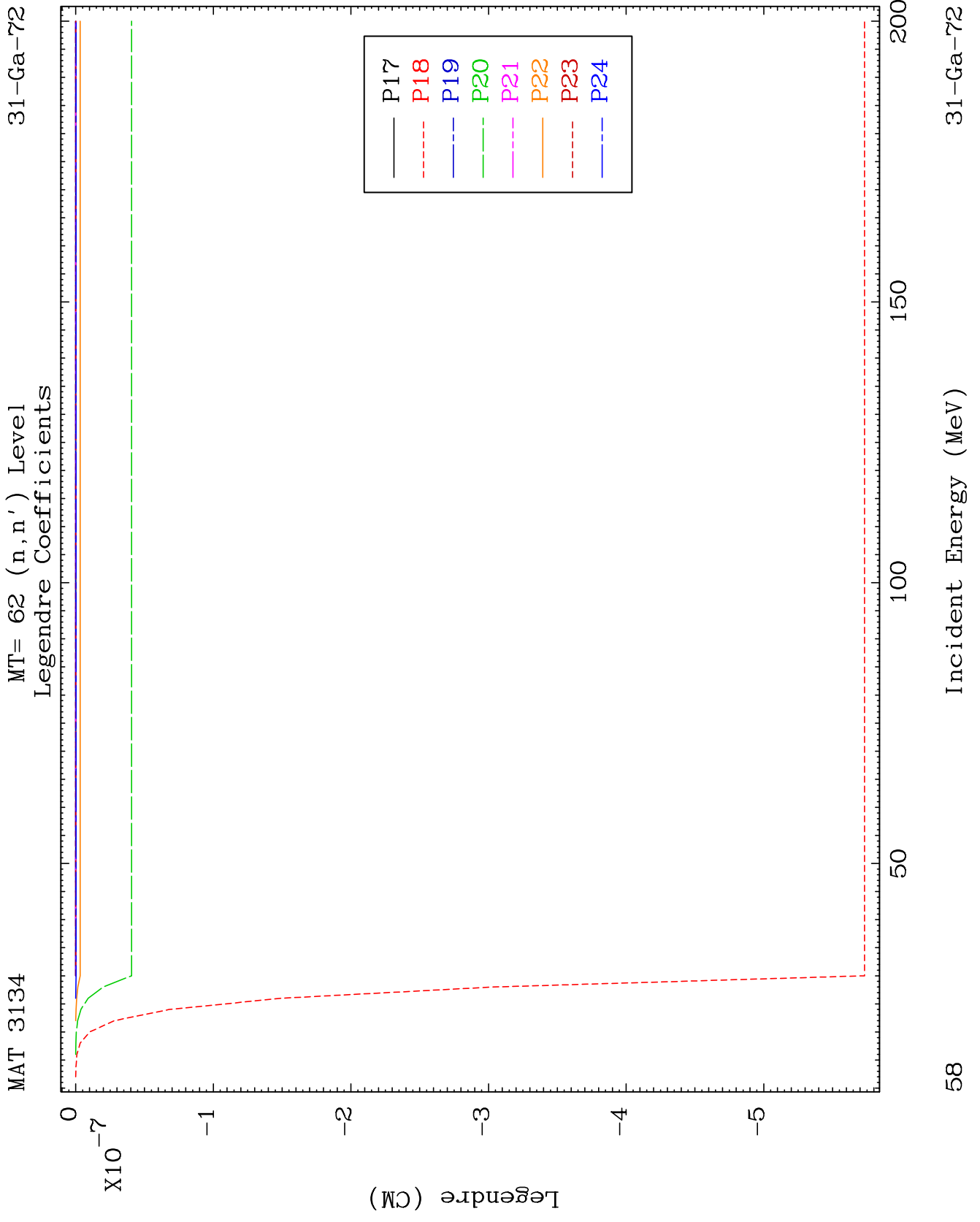
31-Ga-72



57

Incident Energy (MeV)

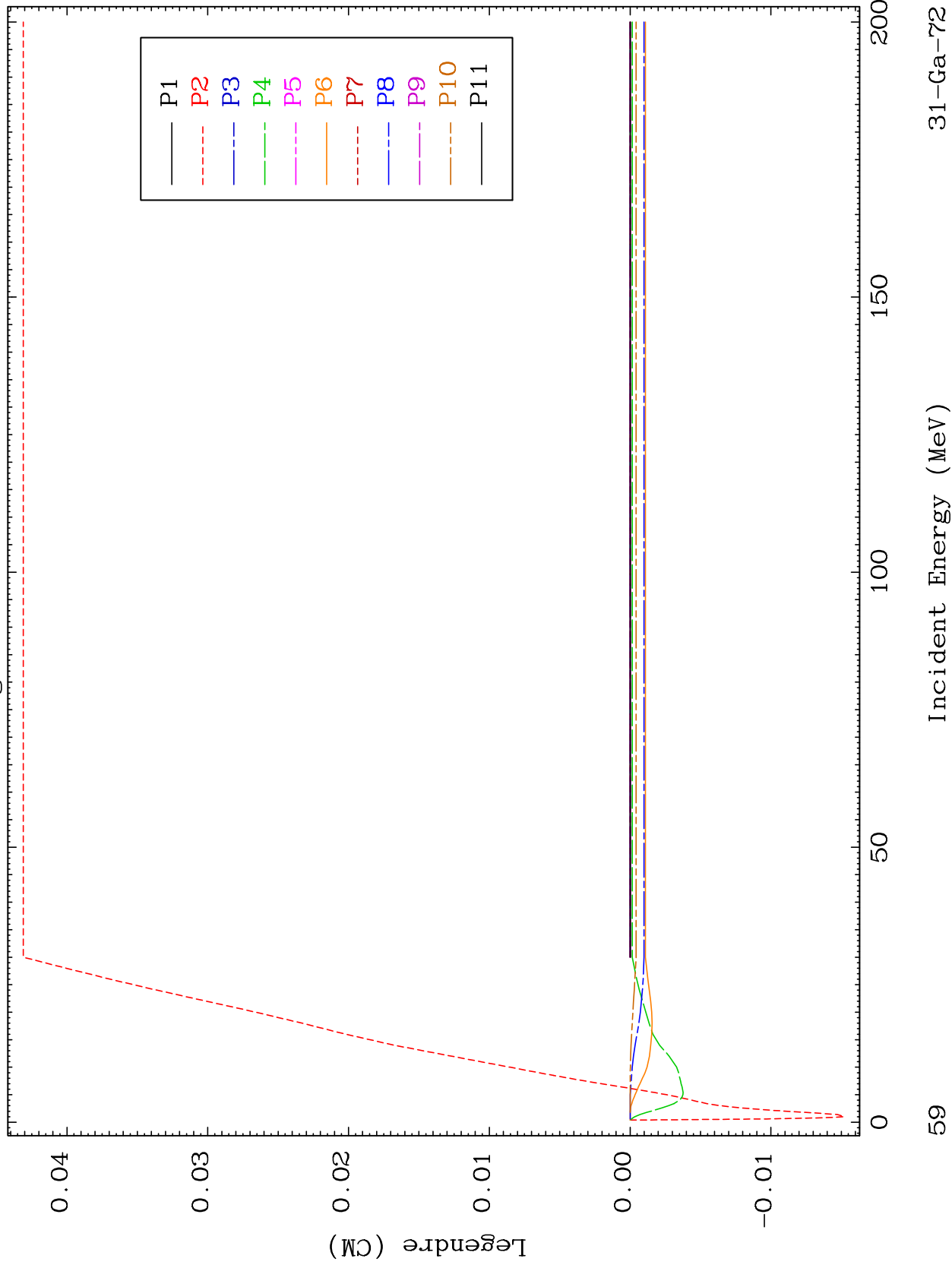
31-Ga-72



MAT 3134

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

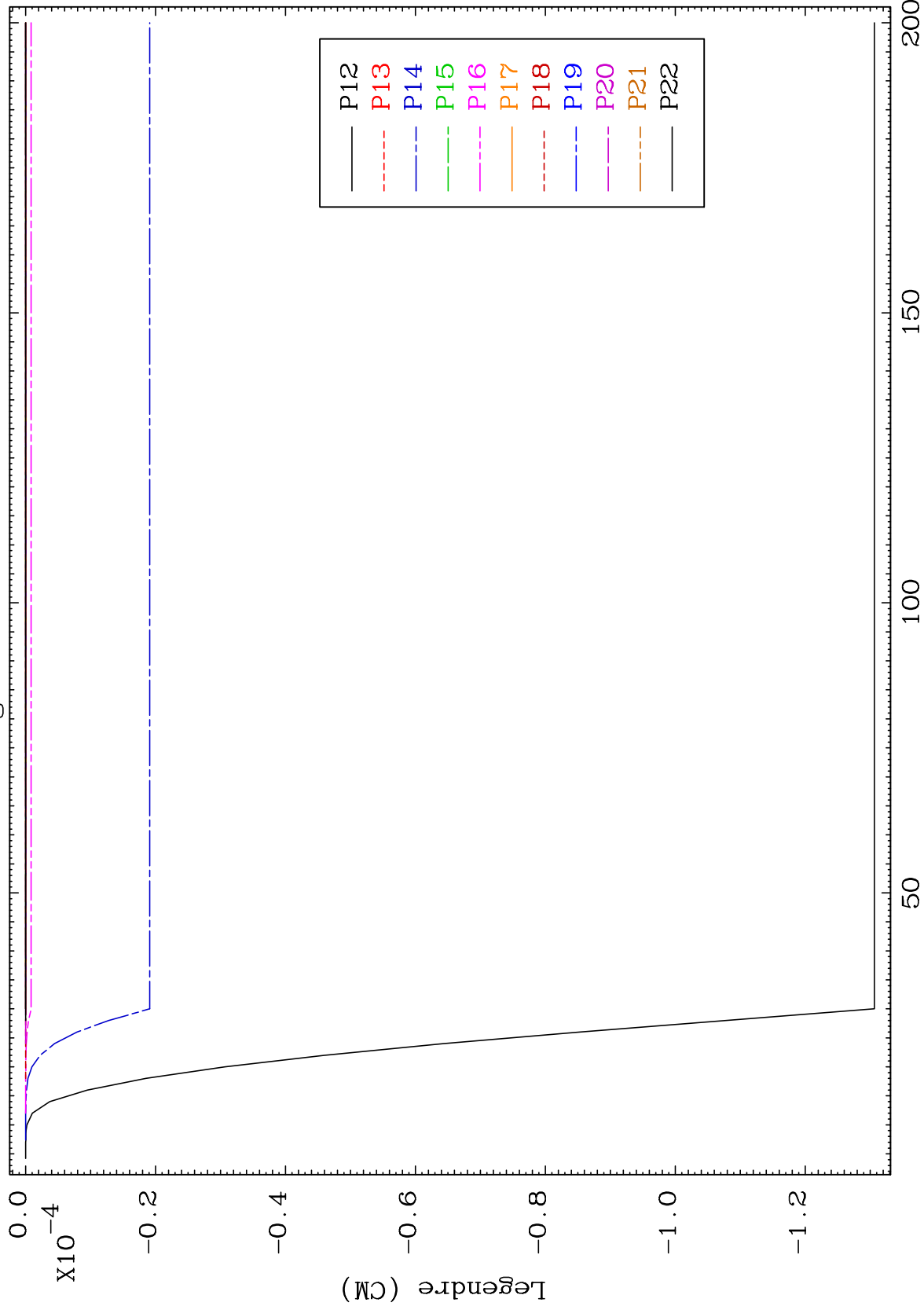
31-Ga-72



MAT 3134

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

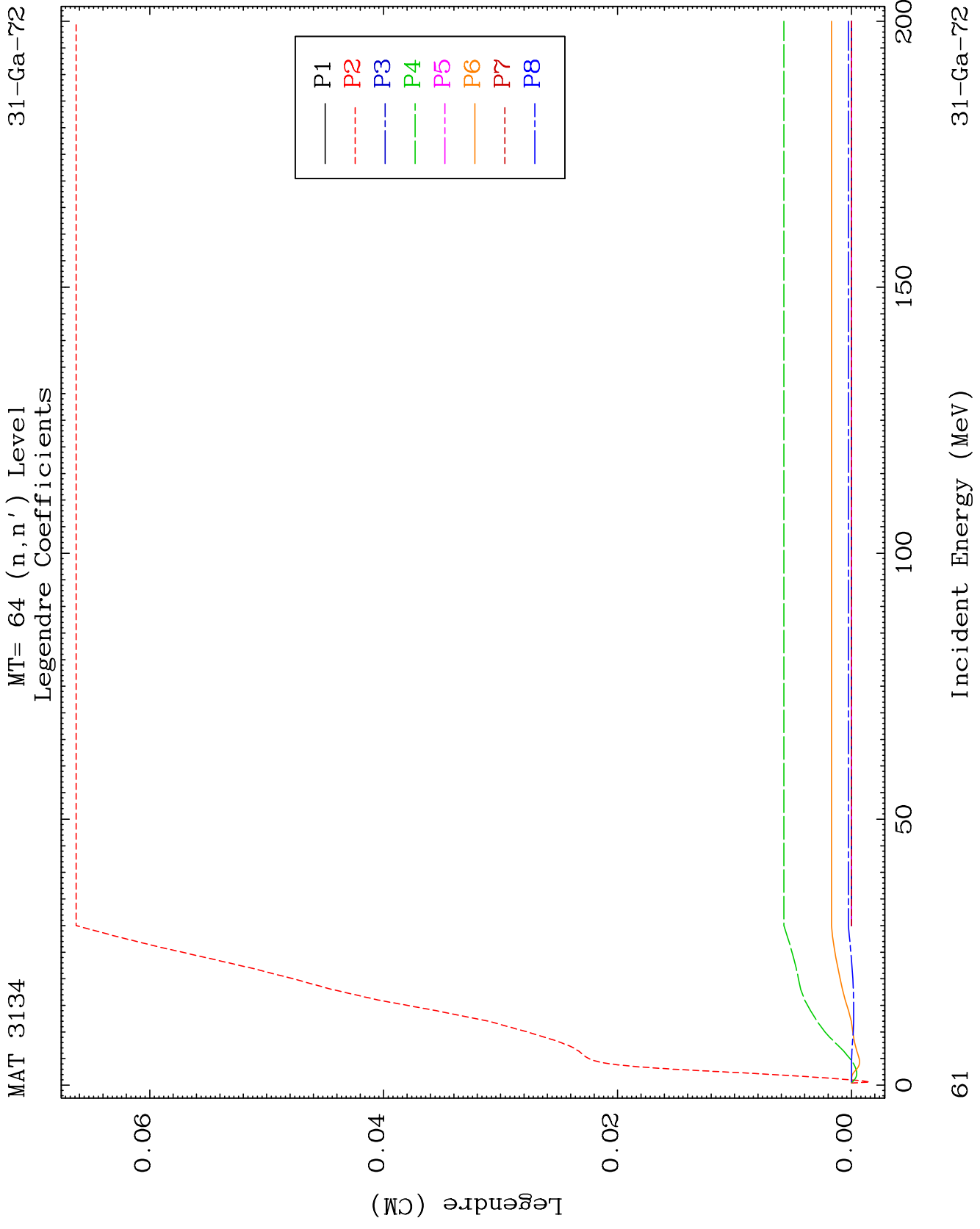
31-Ga-72



60

Incident Energy (MeV)

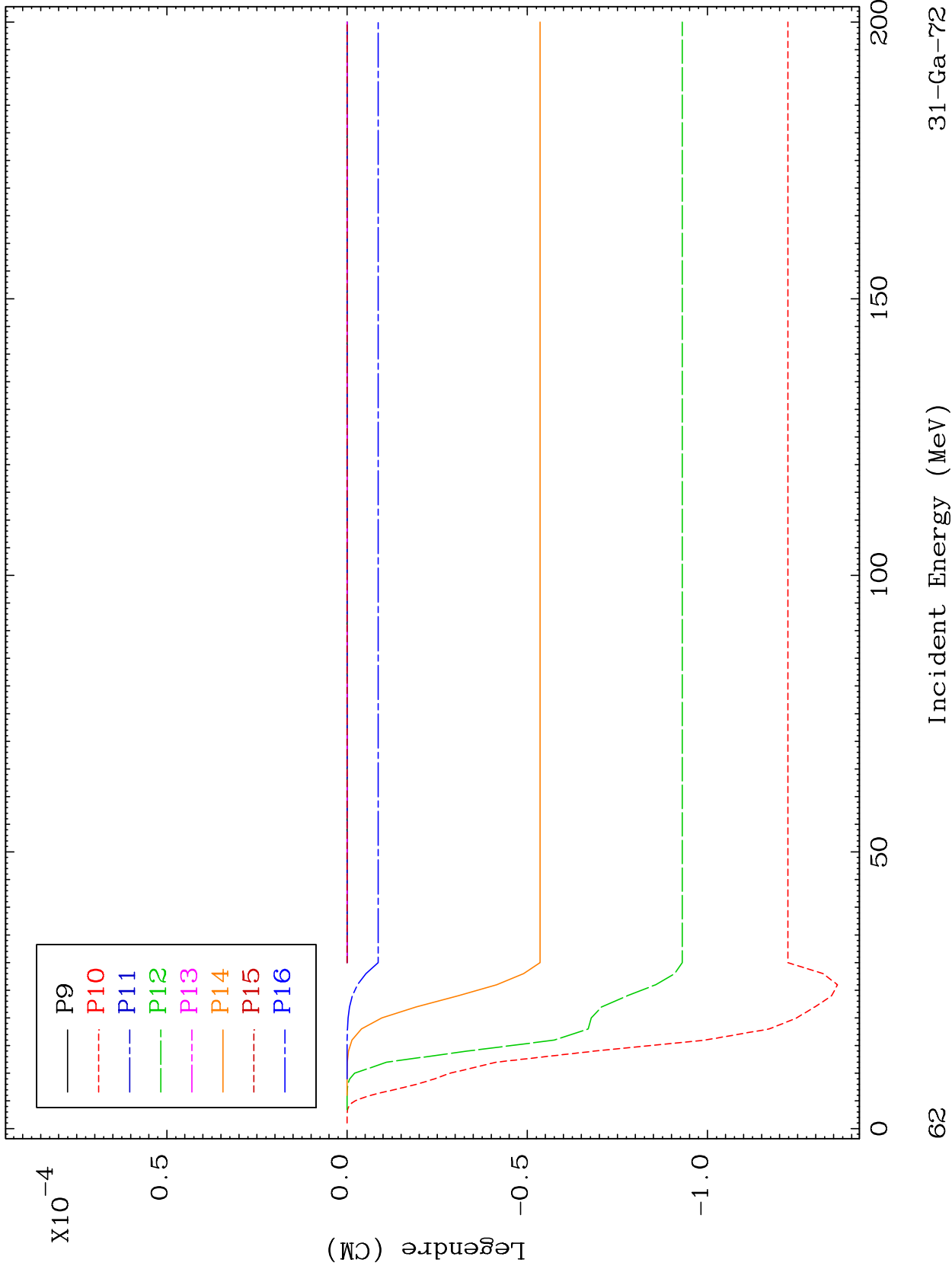
31-Ga-72



MAT 3134

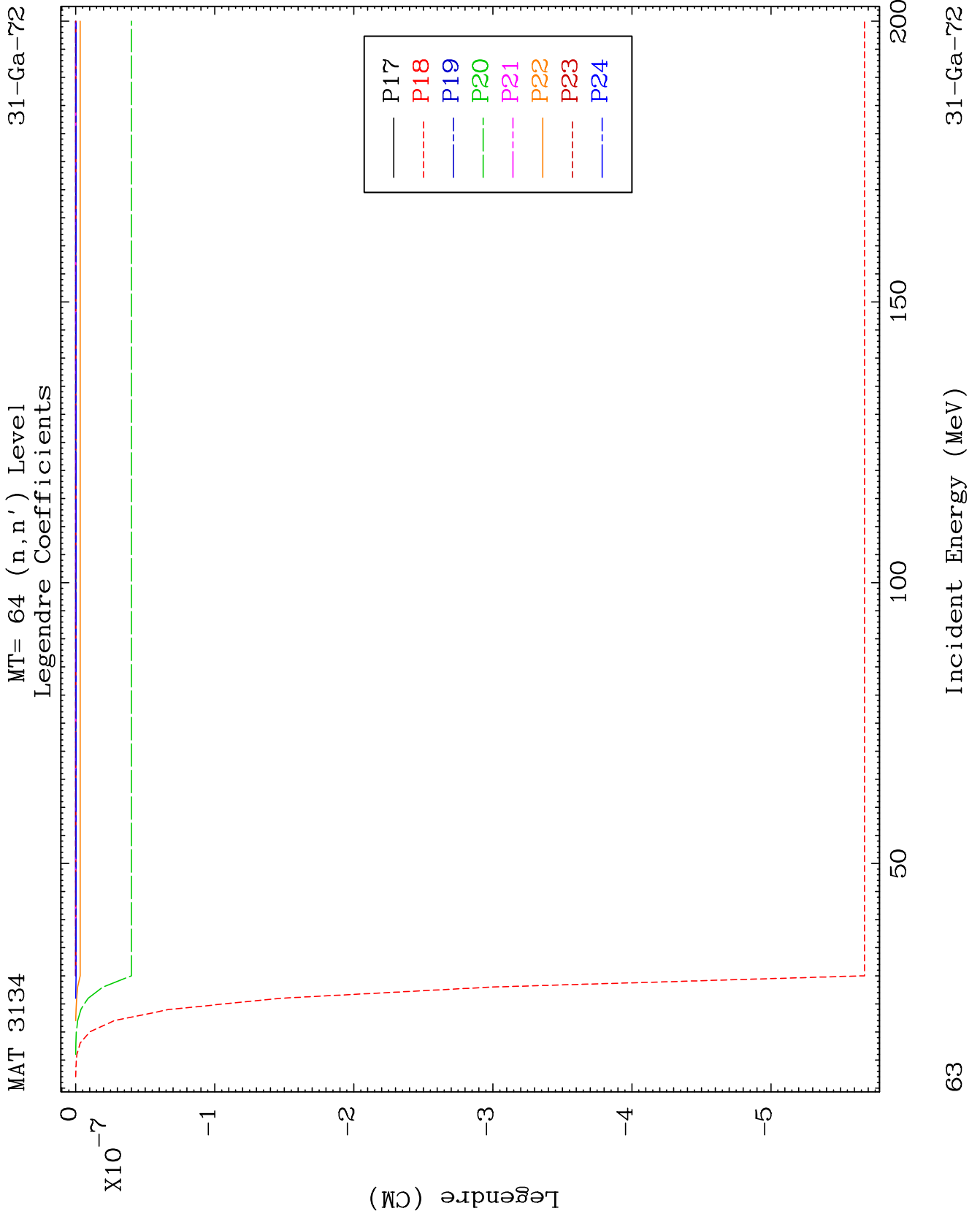
MT= 64 (n,n') Level
Legendre Coefficients

31-Ga-72



62

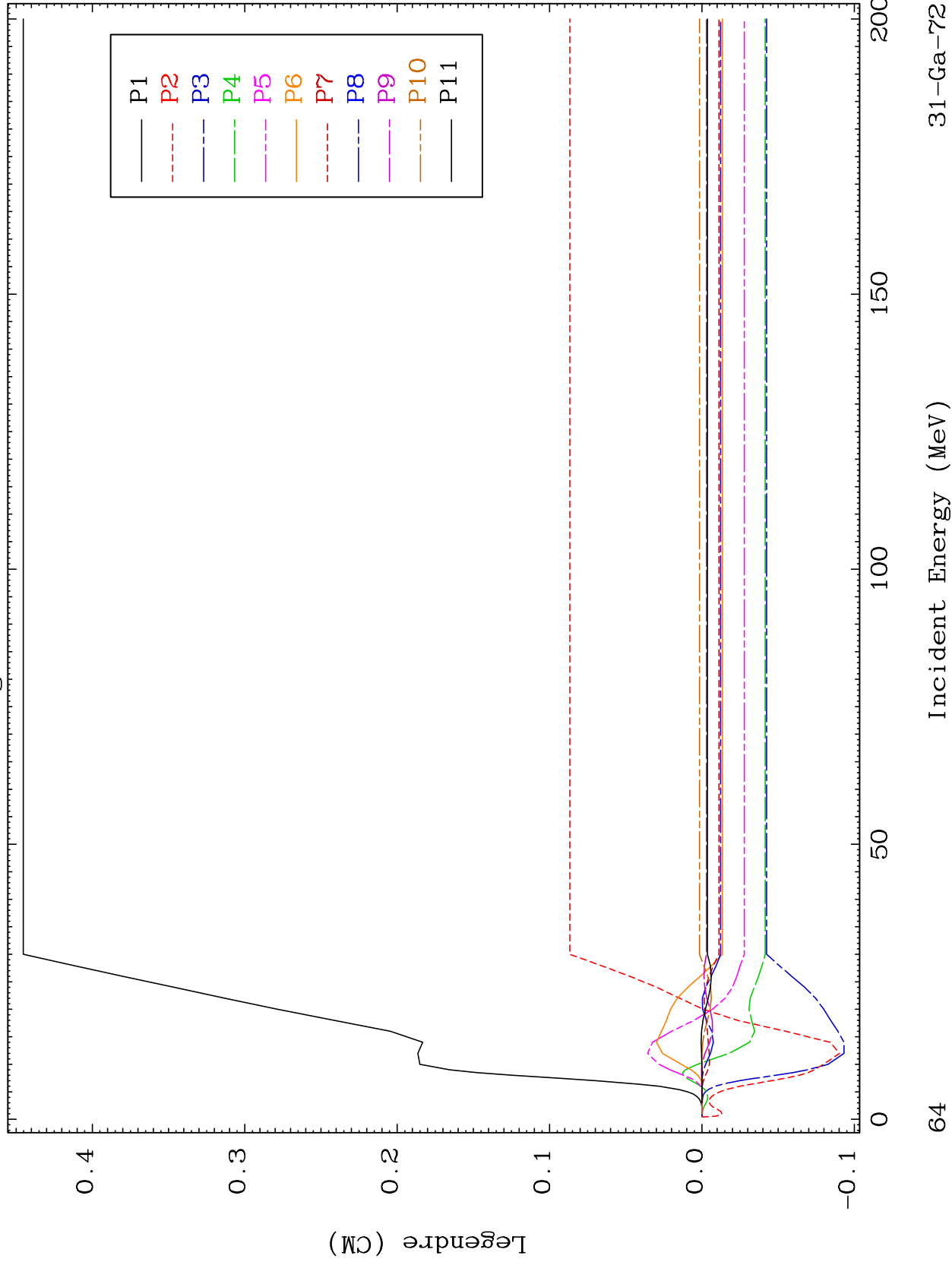
31-Ga-72



MAT 3134

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

³¹Ga-72



³¹Ga-72

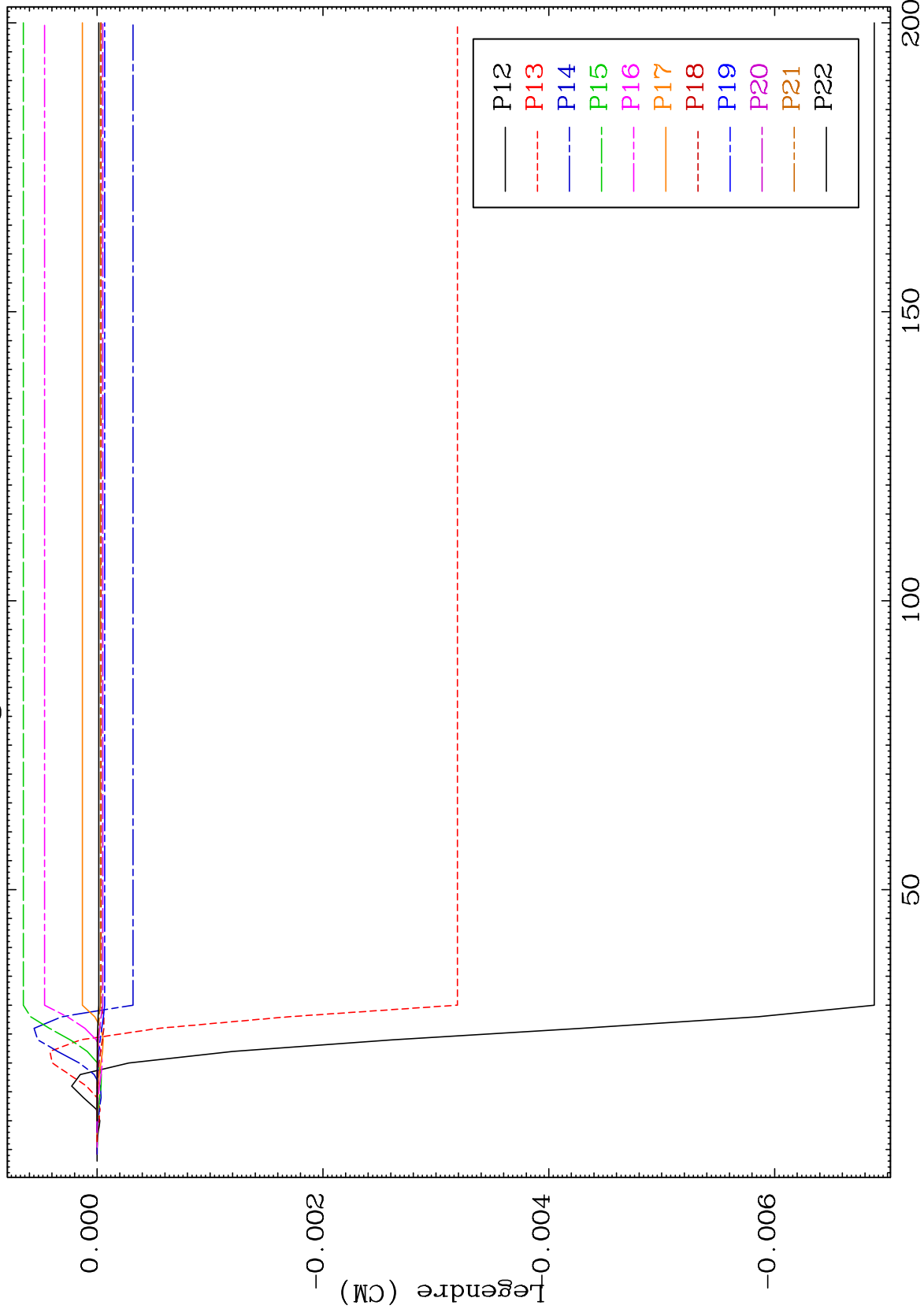
Incident Energy (MeV)

64

MAT 3134

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

31-Ga-72



65

Incident Energy (MeV)

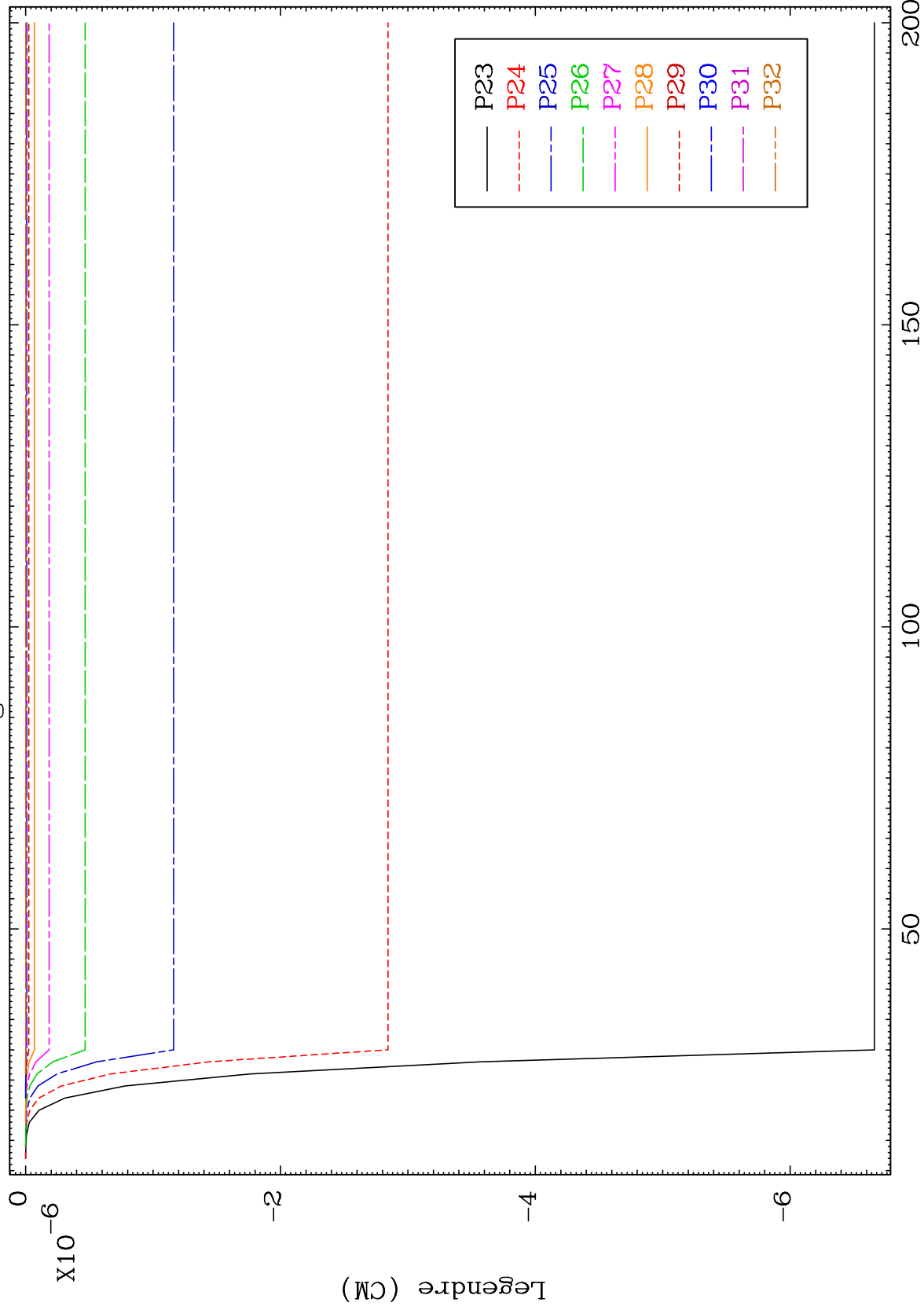
31-Ga-72

MAT 3134

MT= 65 (n,n') Level

31-Ga-72

Legendre Coefficients



66

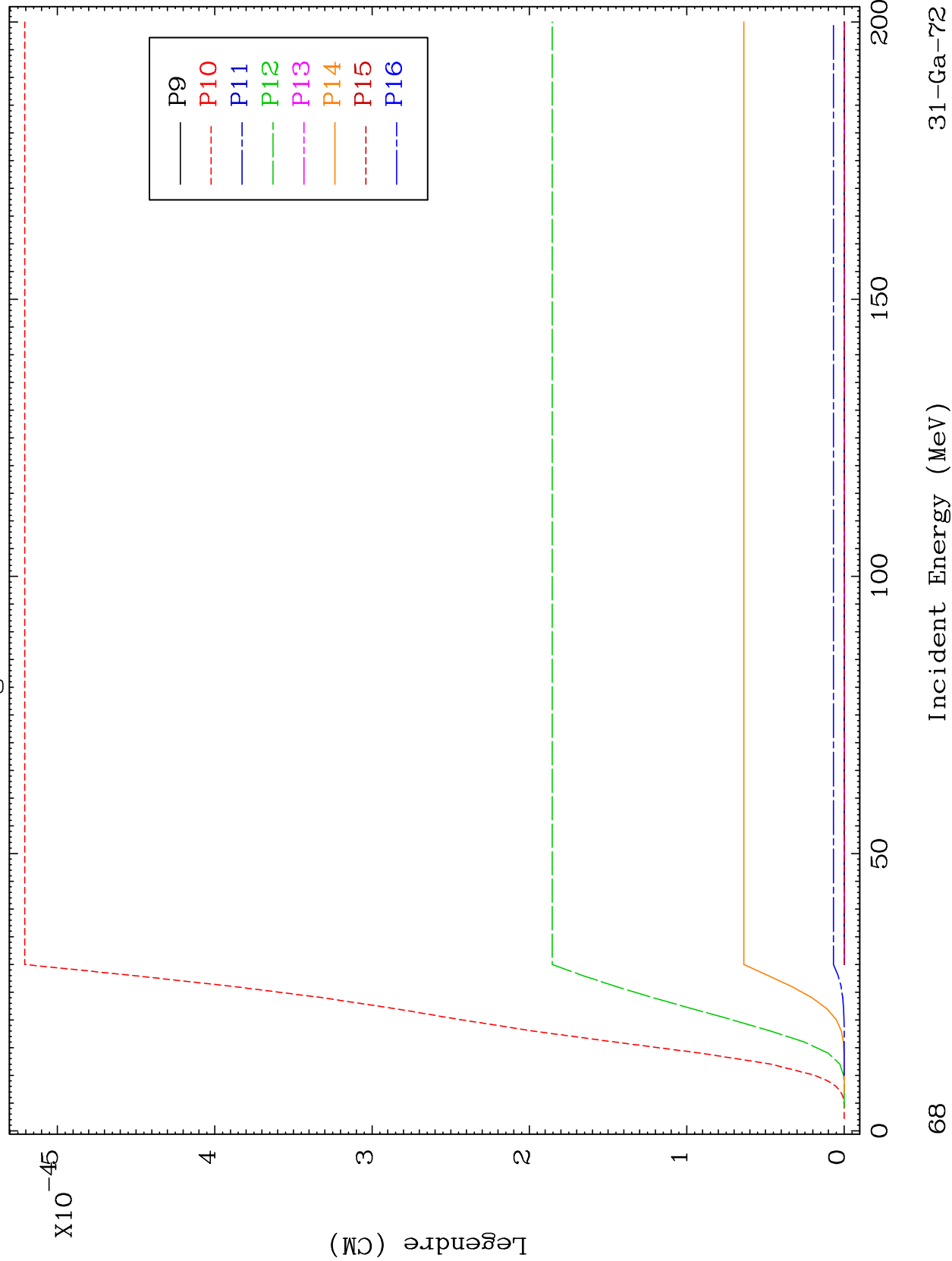
Incident Energy (MeV)

31-Ga-72

MAT 3134

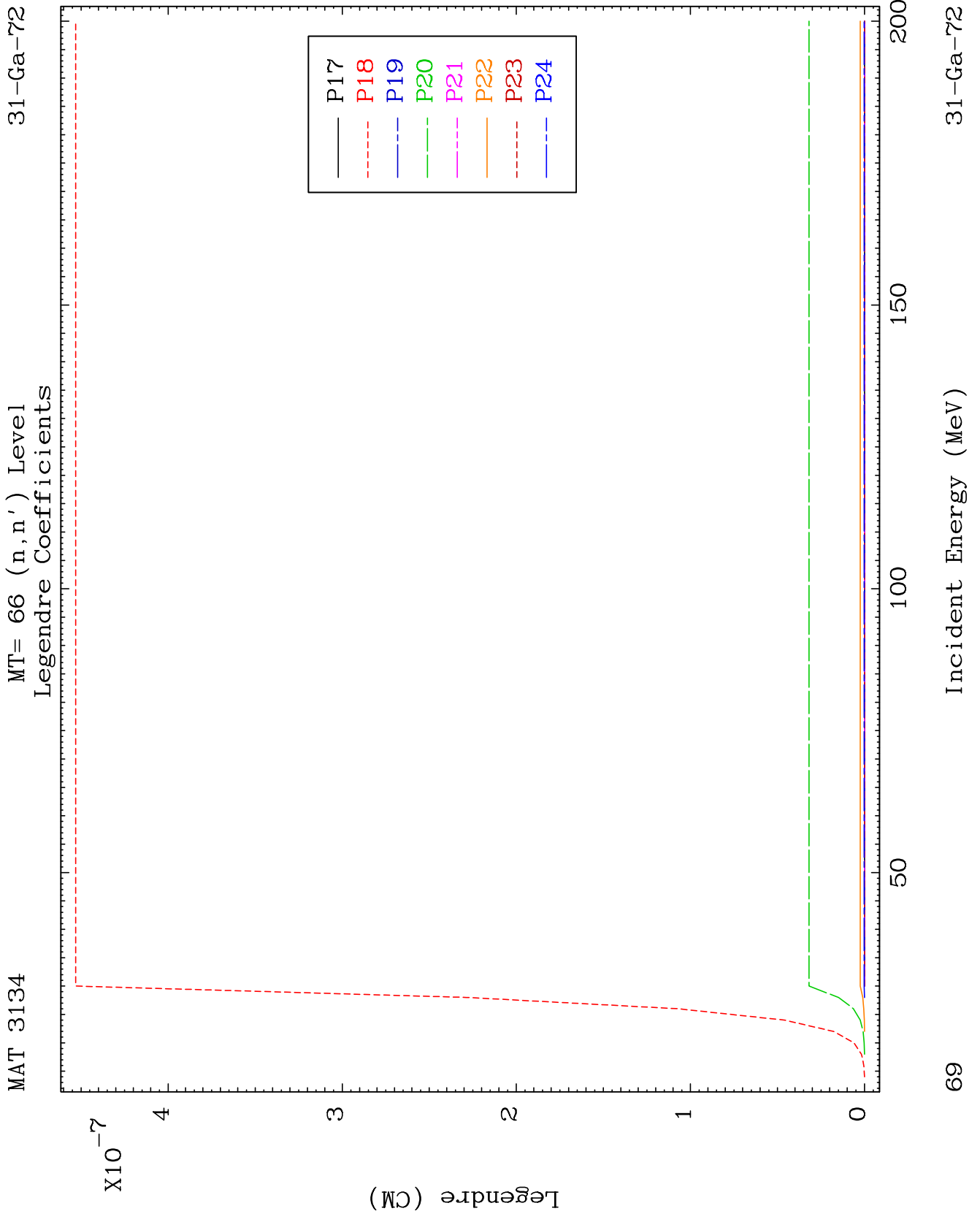
MT= 66 (n,n') Level
Legendre Coefficients

31-Ga-72



68

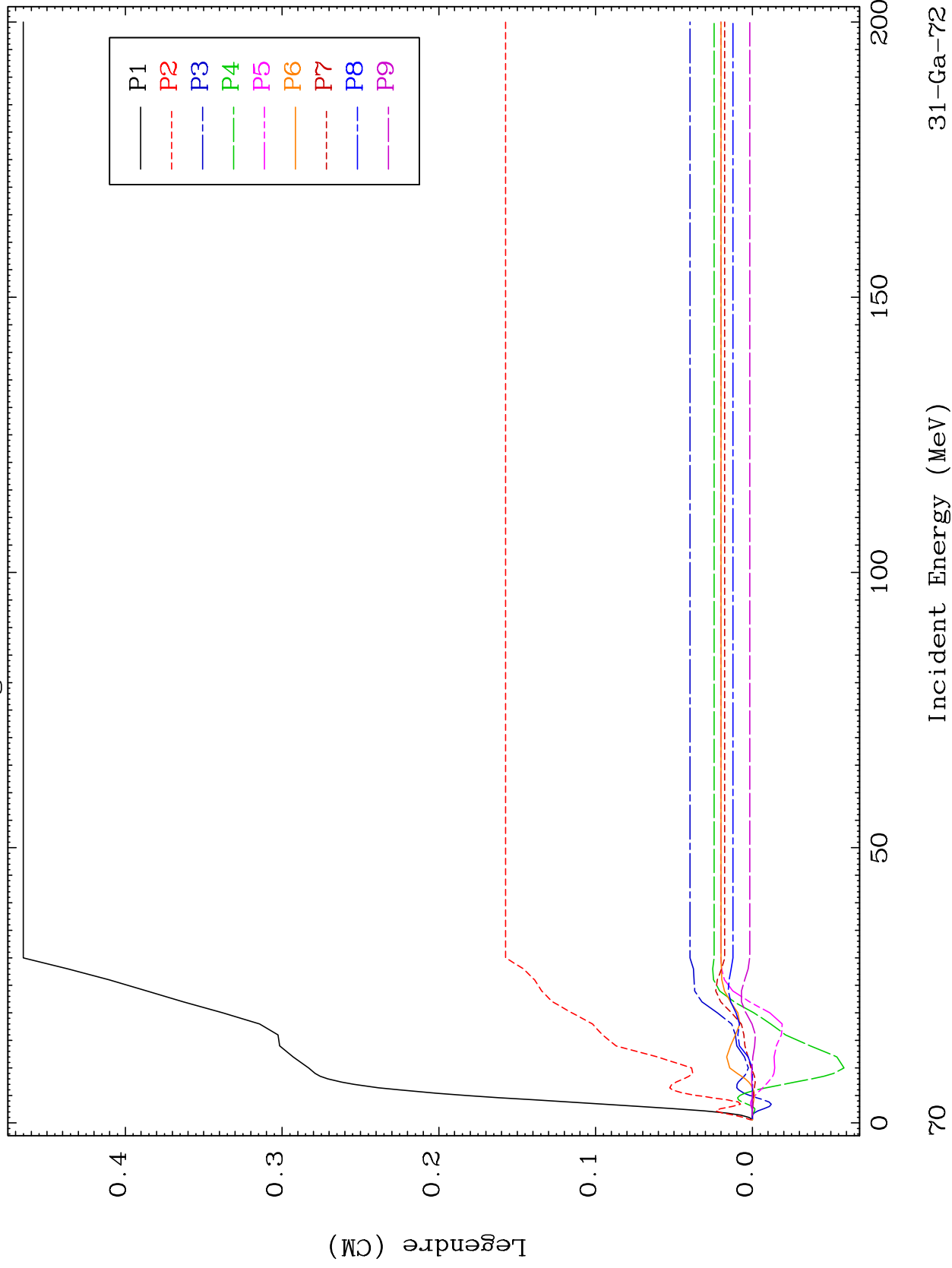
31-Ga-72



MAT 3134

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

31-Ga-72



31-Ga-72

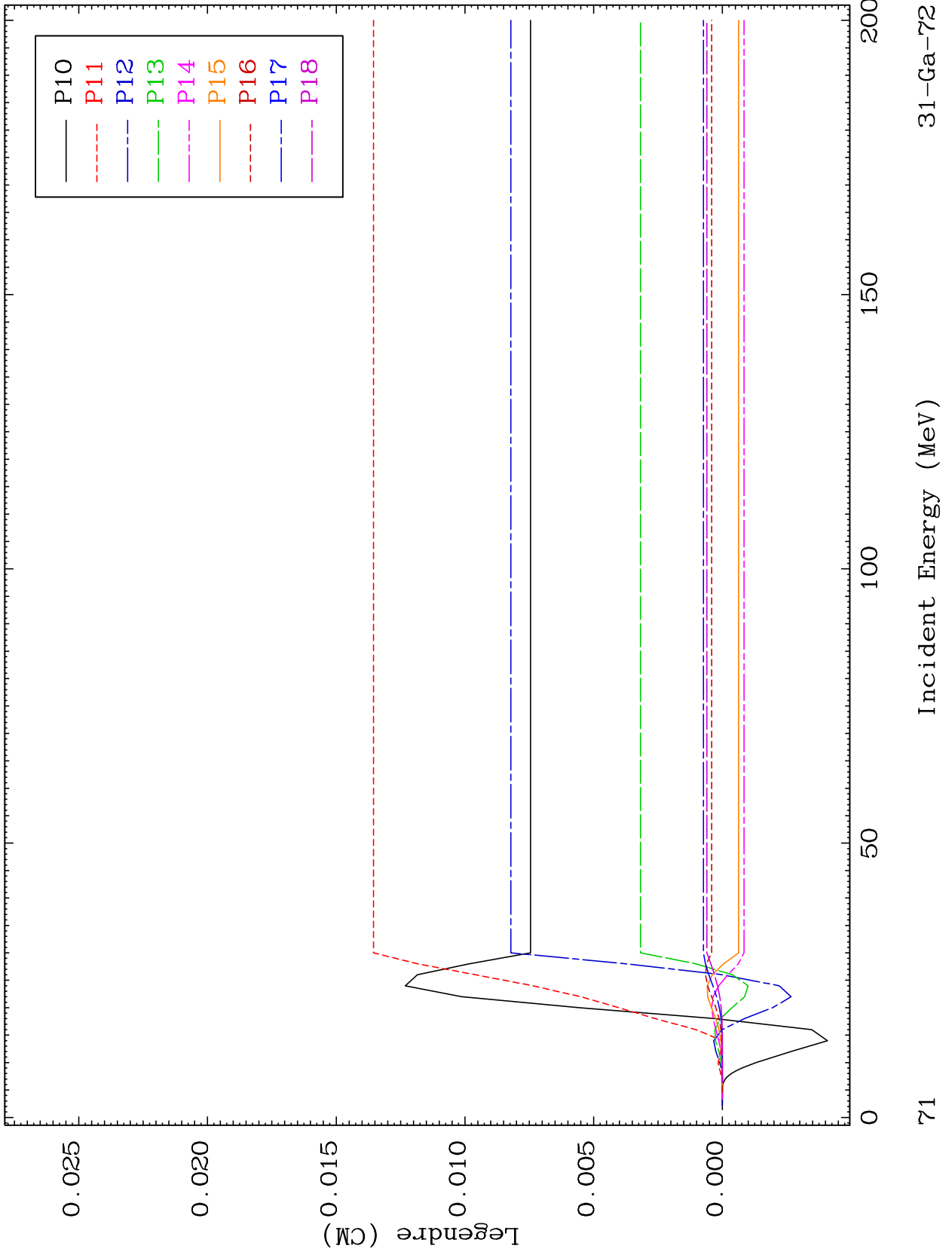
Incident Energy (MeV)

70

MAT 3134

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

31-Ga-72



71

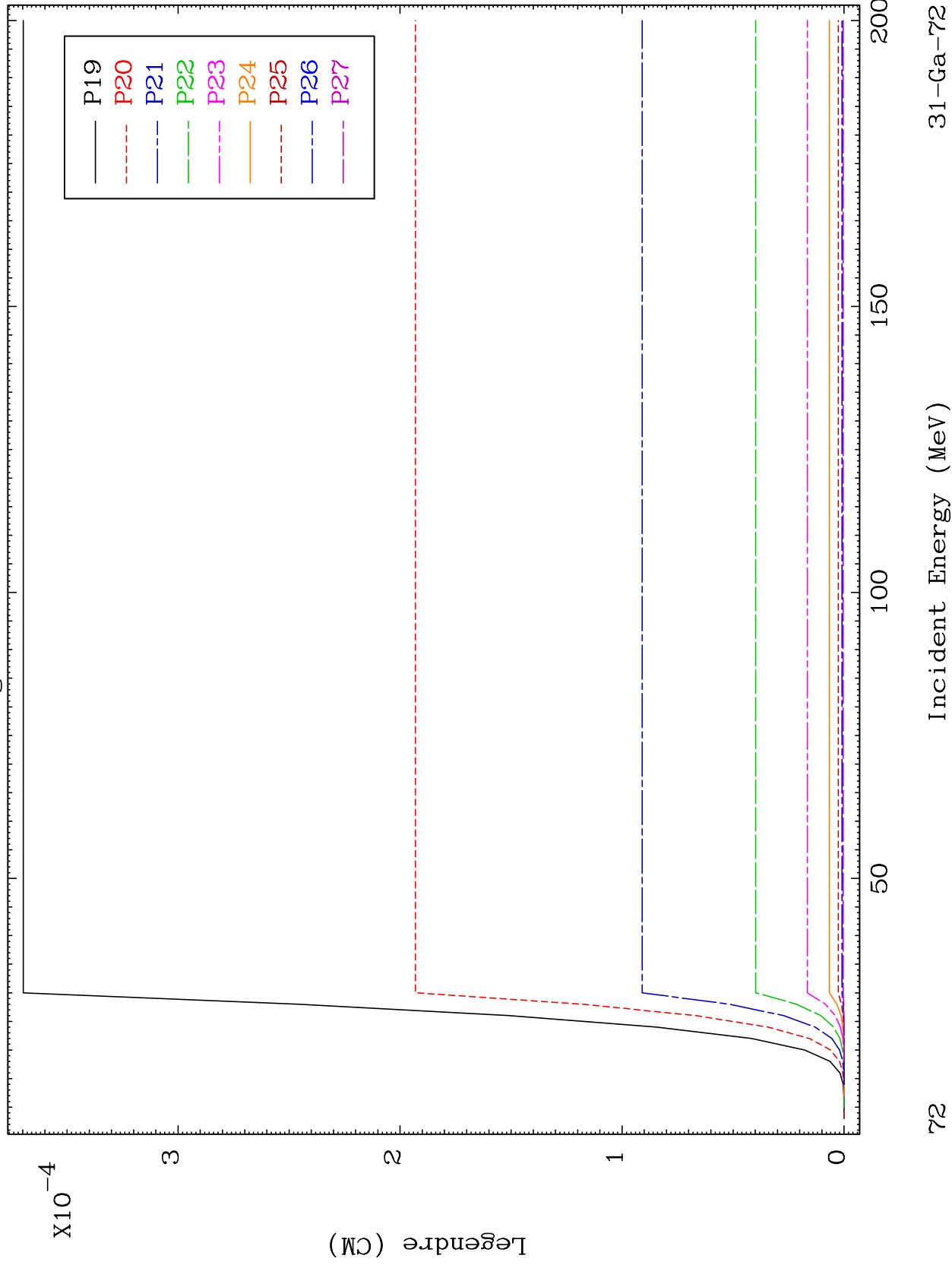
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

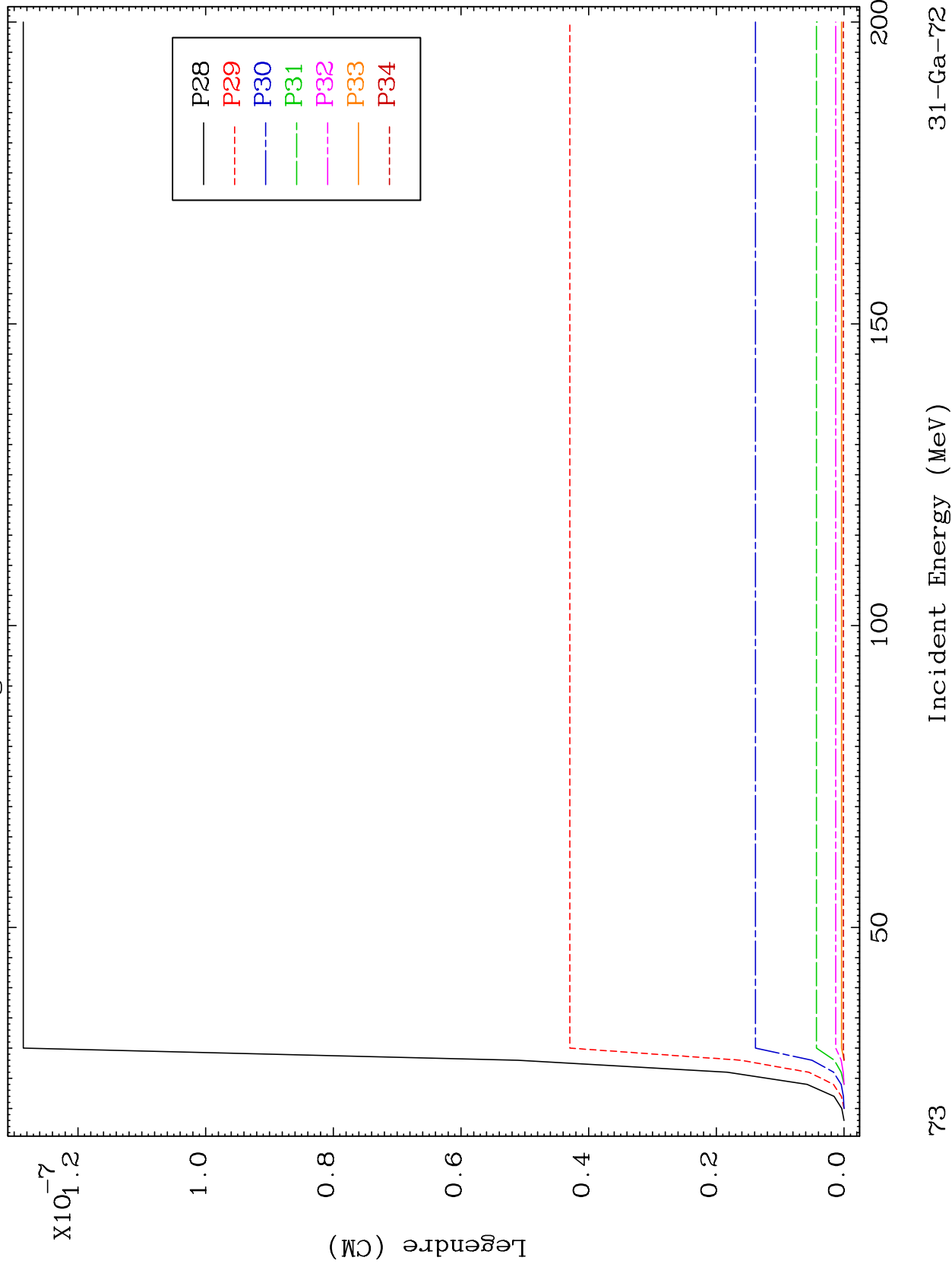
31-Ga-72



MAT 3134

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

31-Ga-72



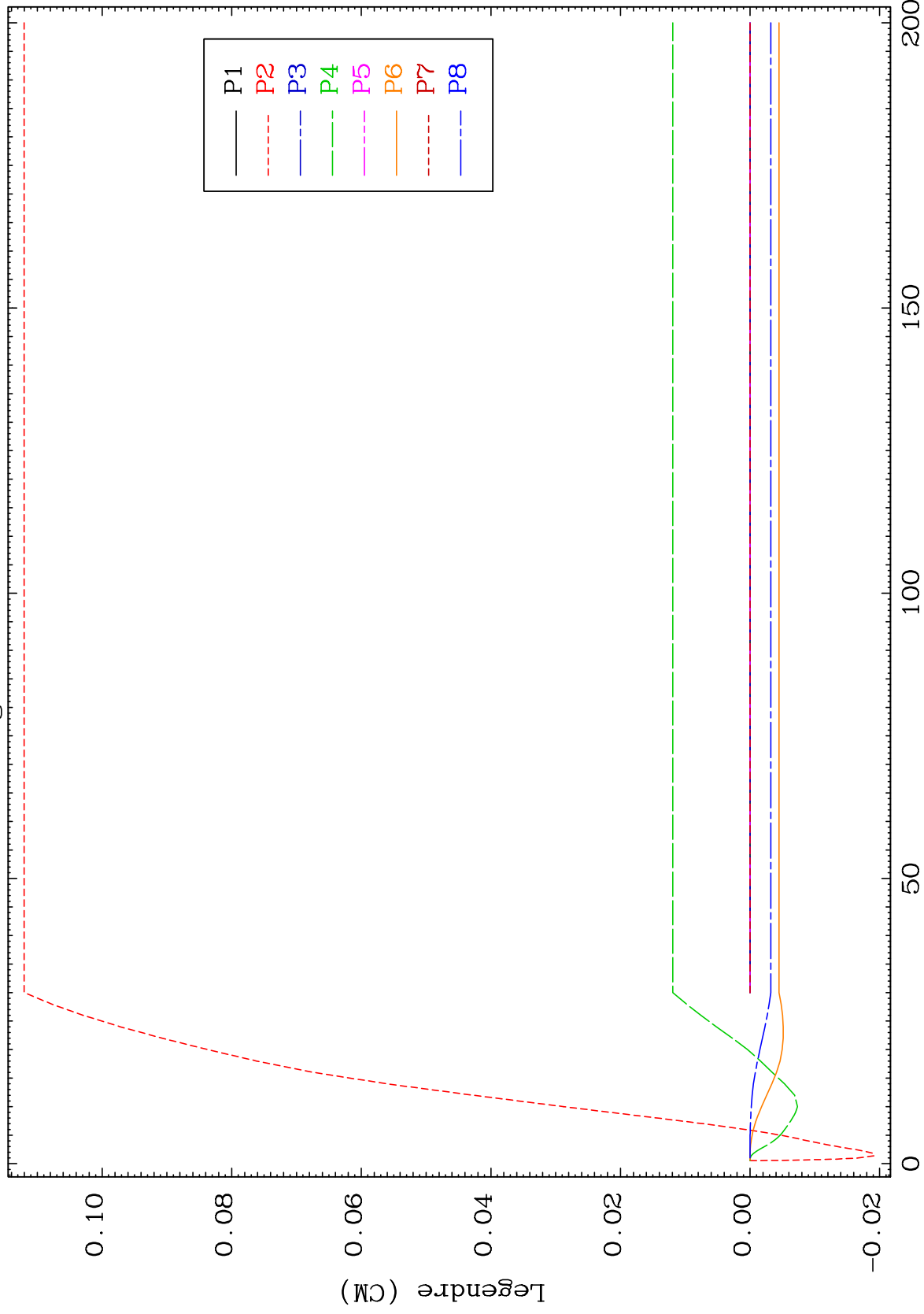
73

31-Ga-72

MAT 3134

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

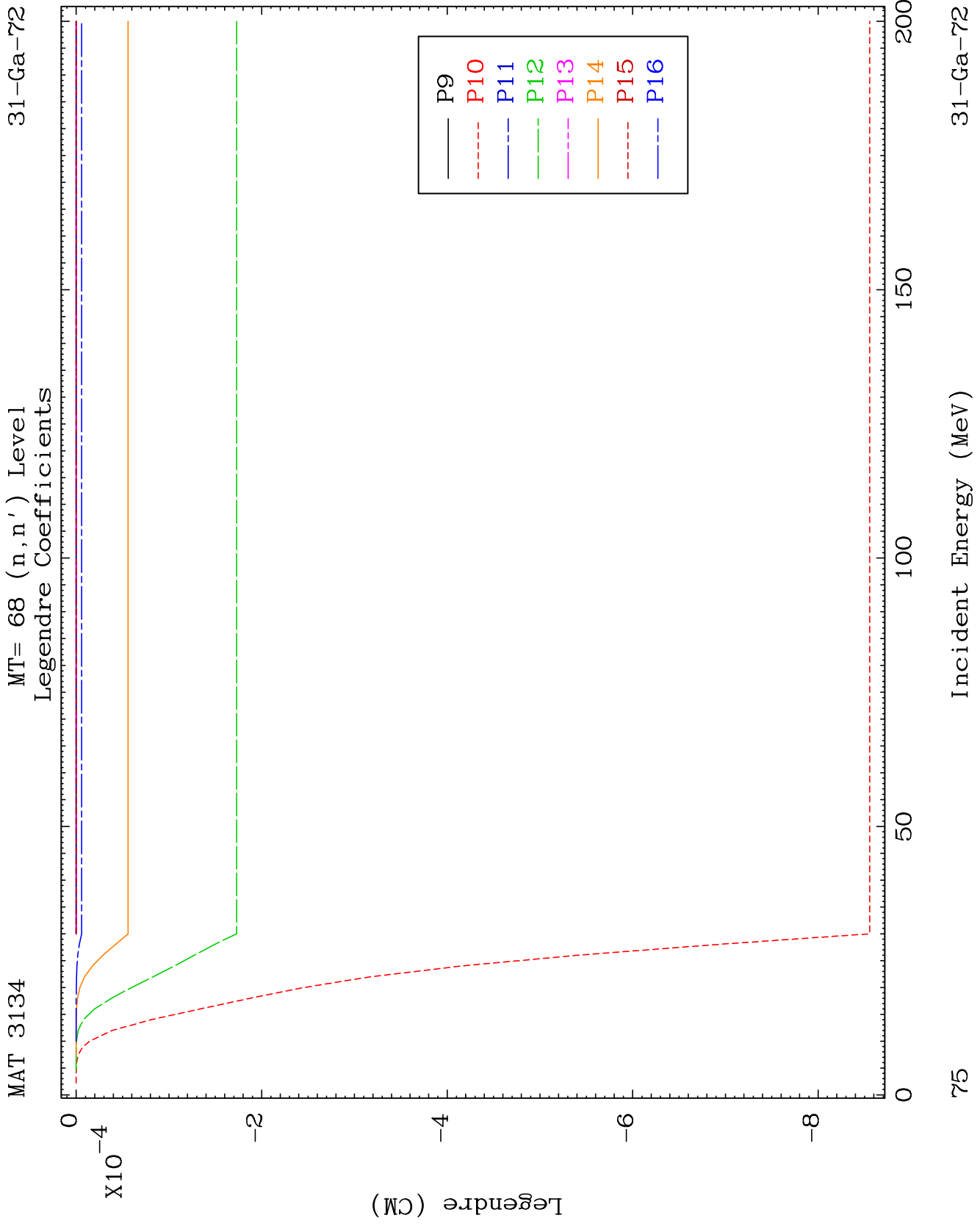
31-Ga-72

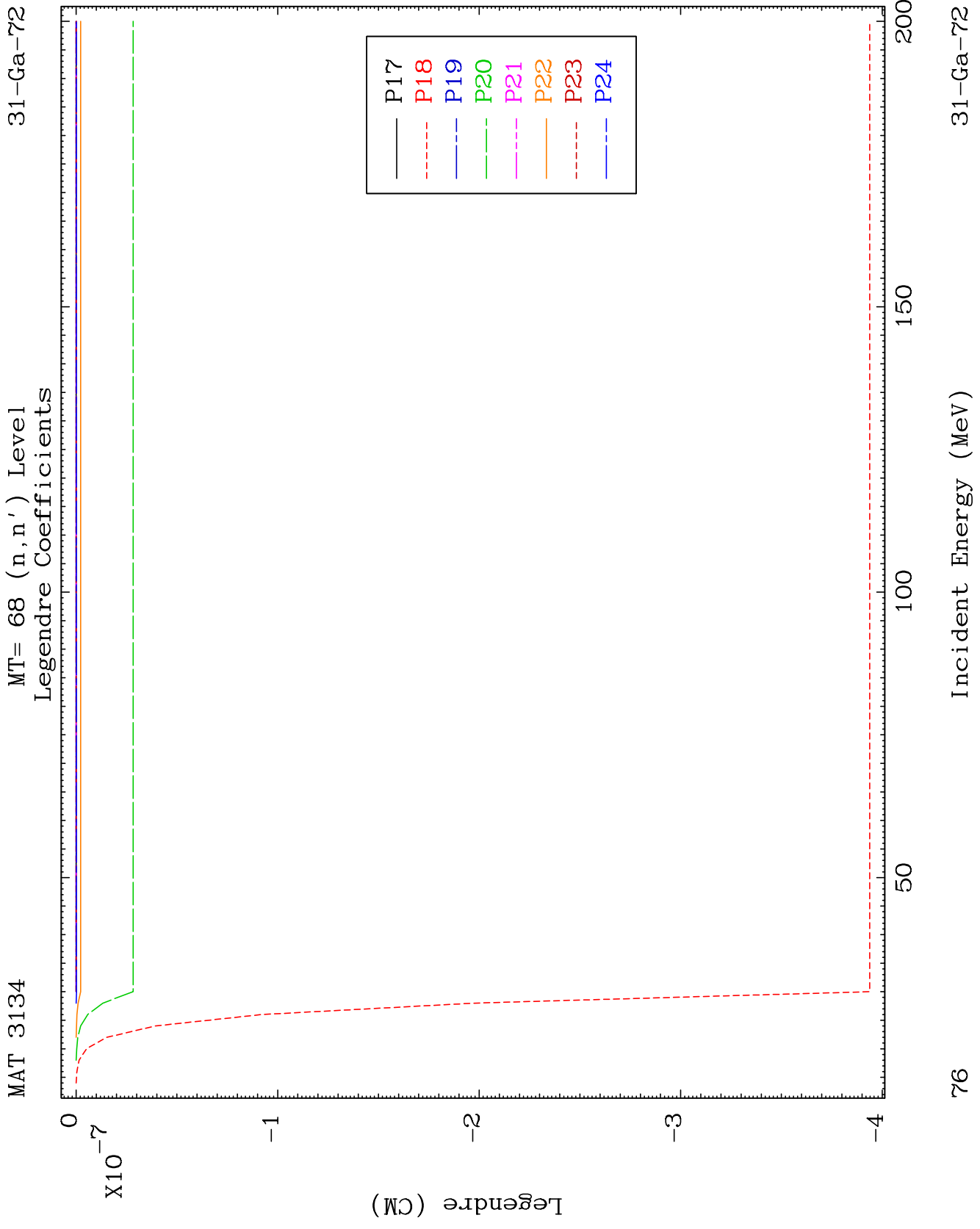


74

Incident Energy (MeV)

31-Ga-72

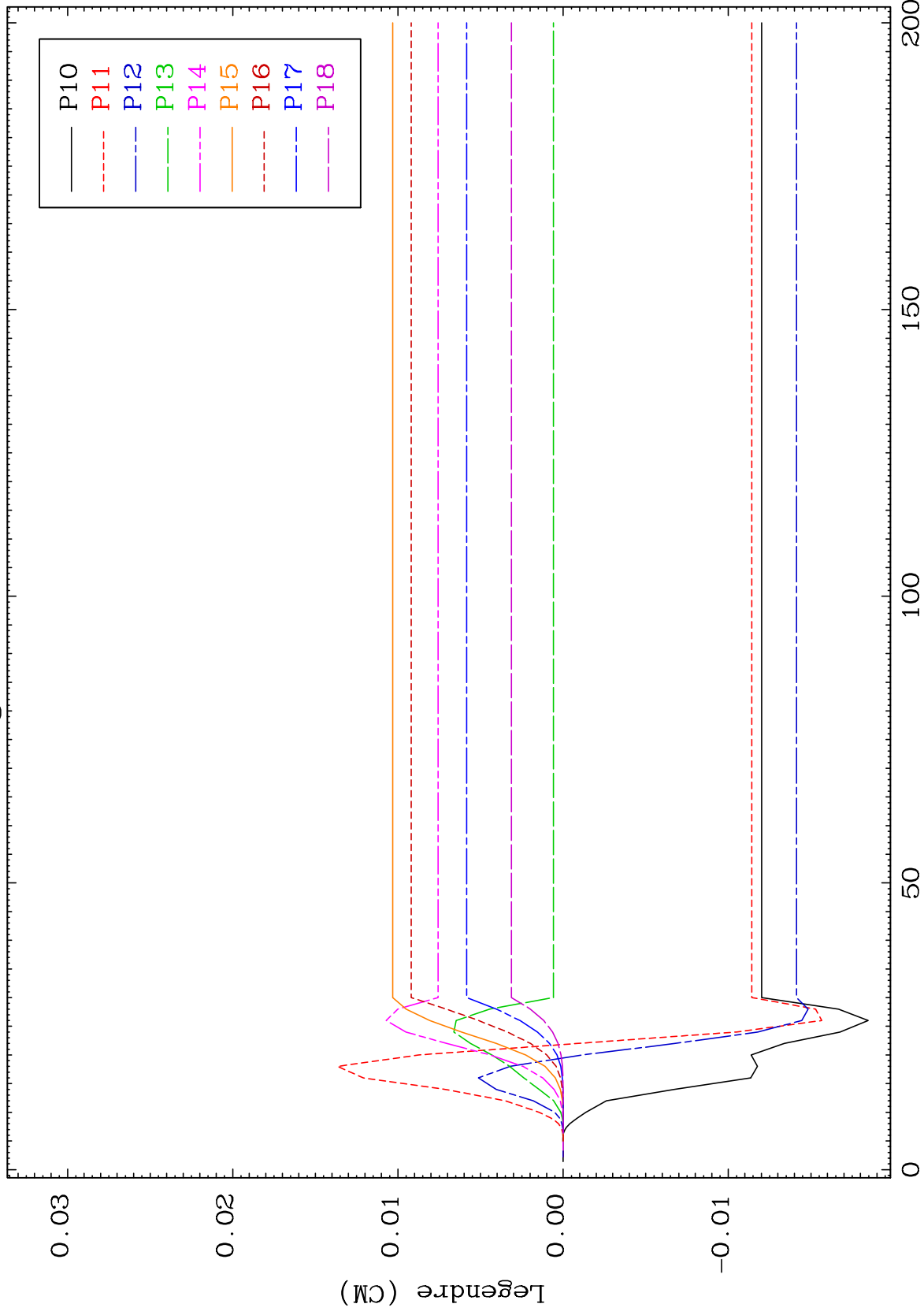




MAT 3134

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

³¹Ga-72



78

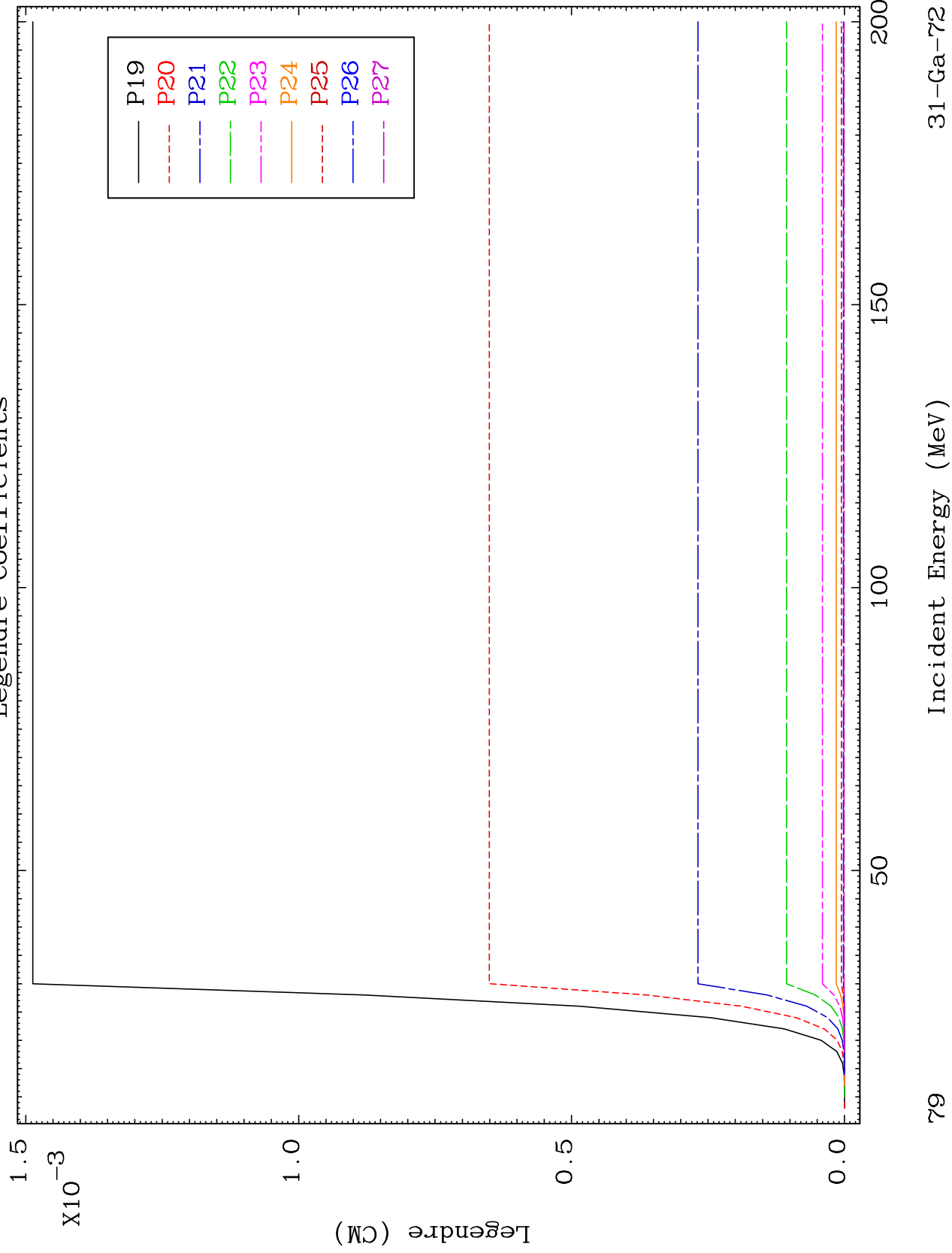
Incident Energy (MeV)

³¹Ga-72

MAT 3134

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

³¹Ga-72



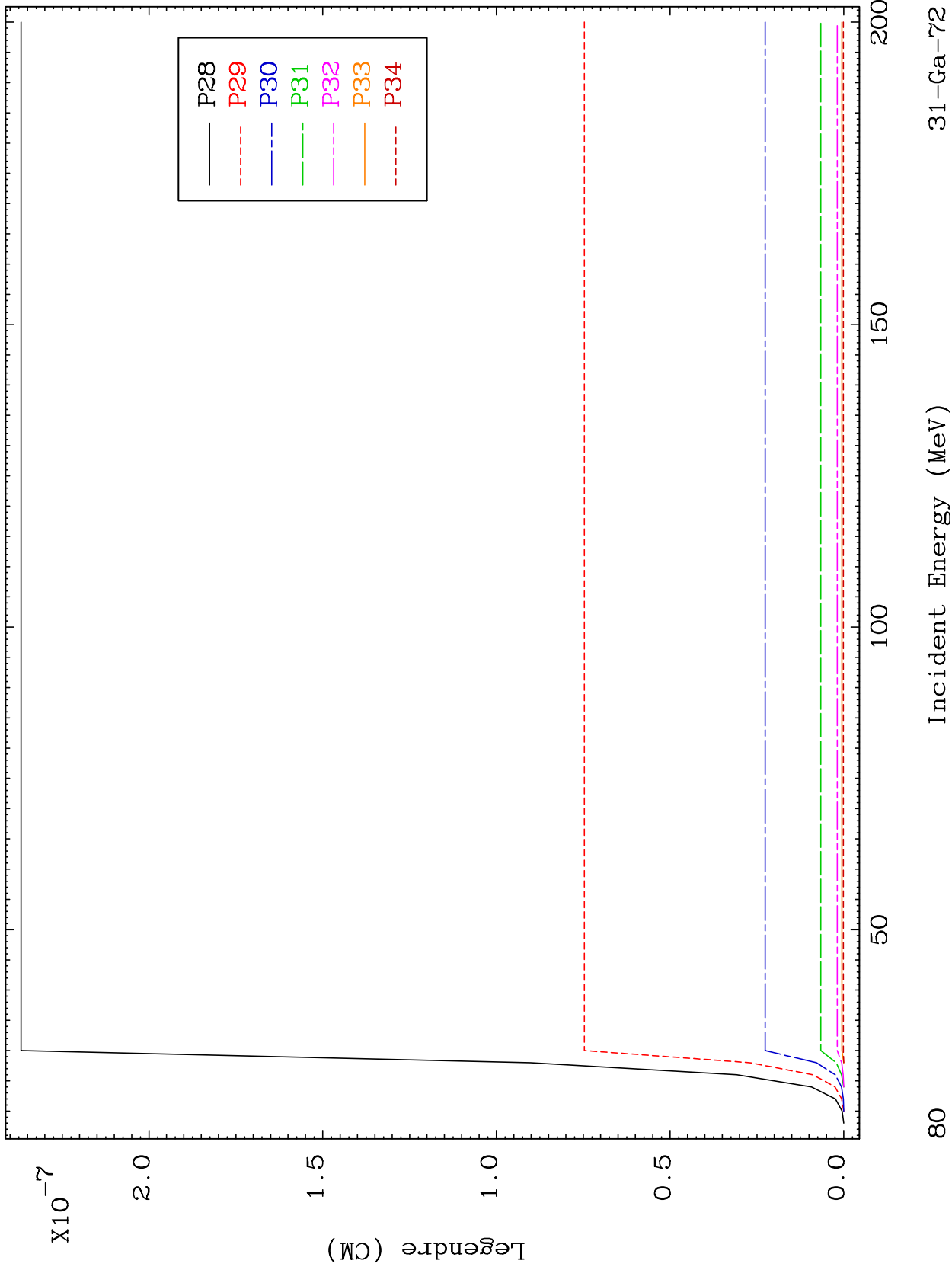
79

³¹Ga-72

MAT 3134

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

31-Ga-72



31-Ga-72

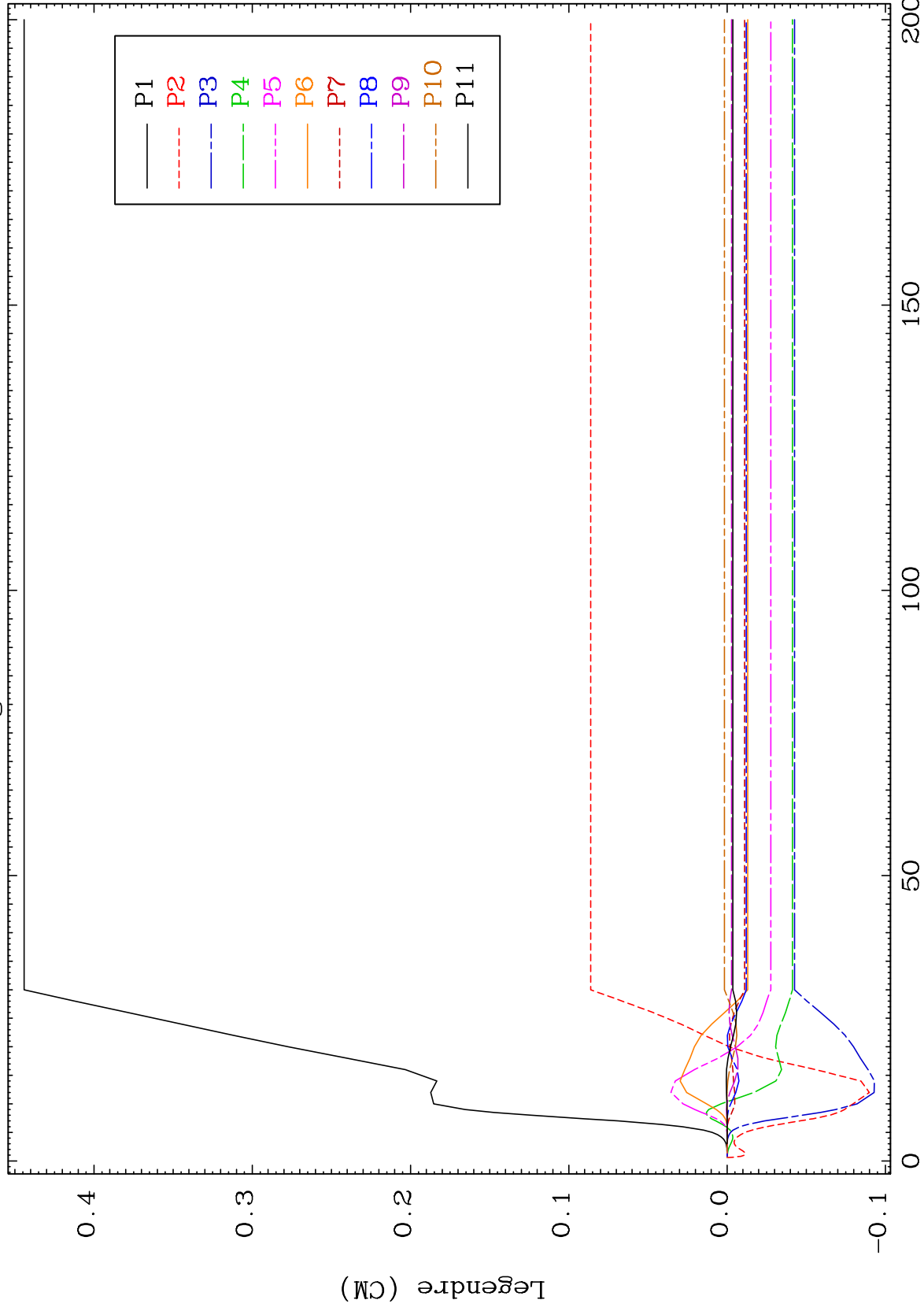
Incident Energy (MeV)

80

MAT 3134

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

31-Ga-72



81

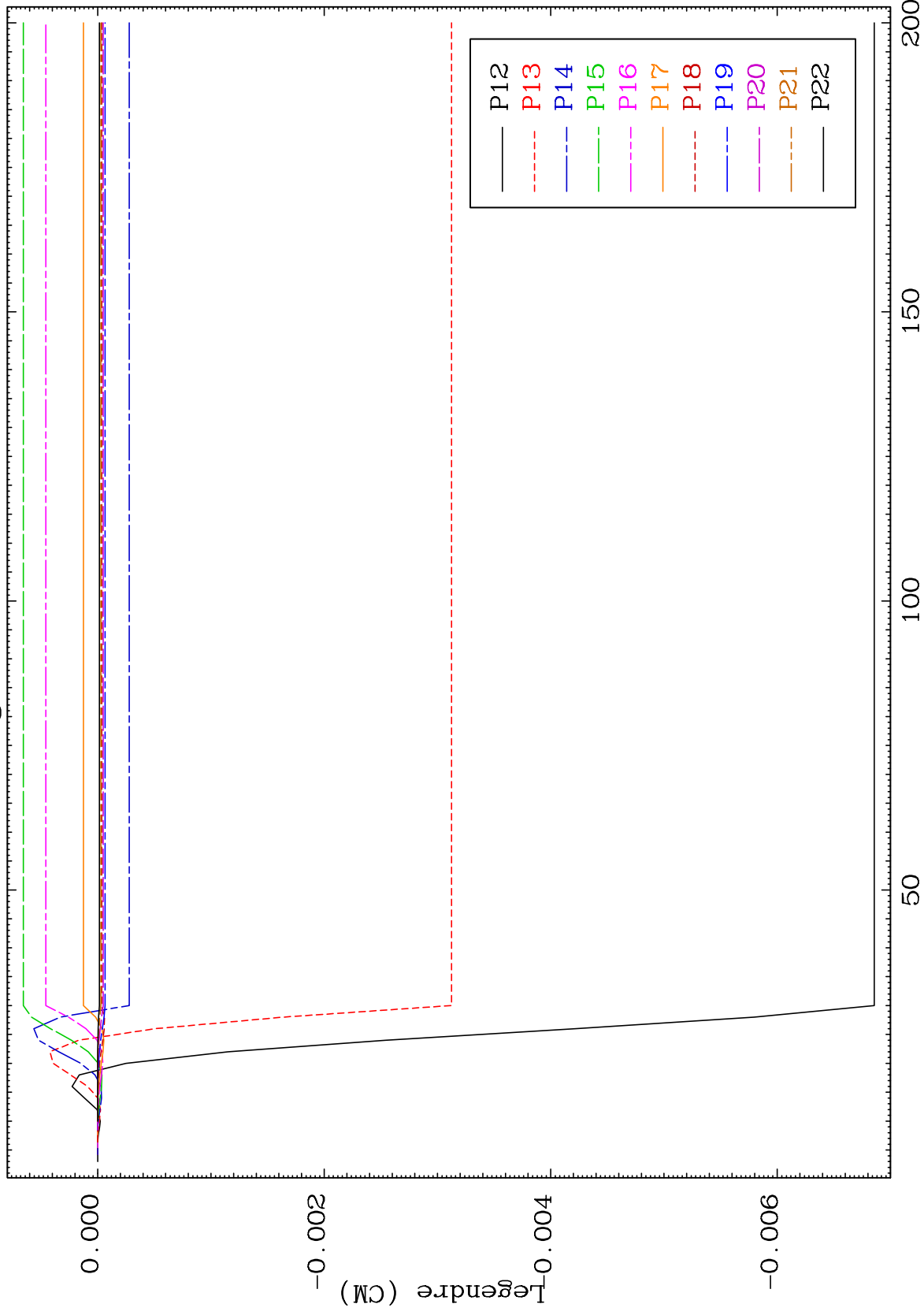
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

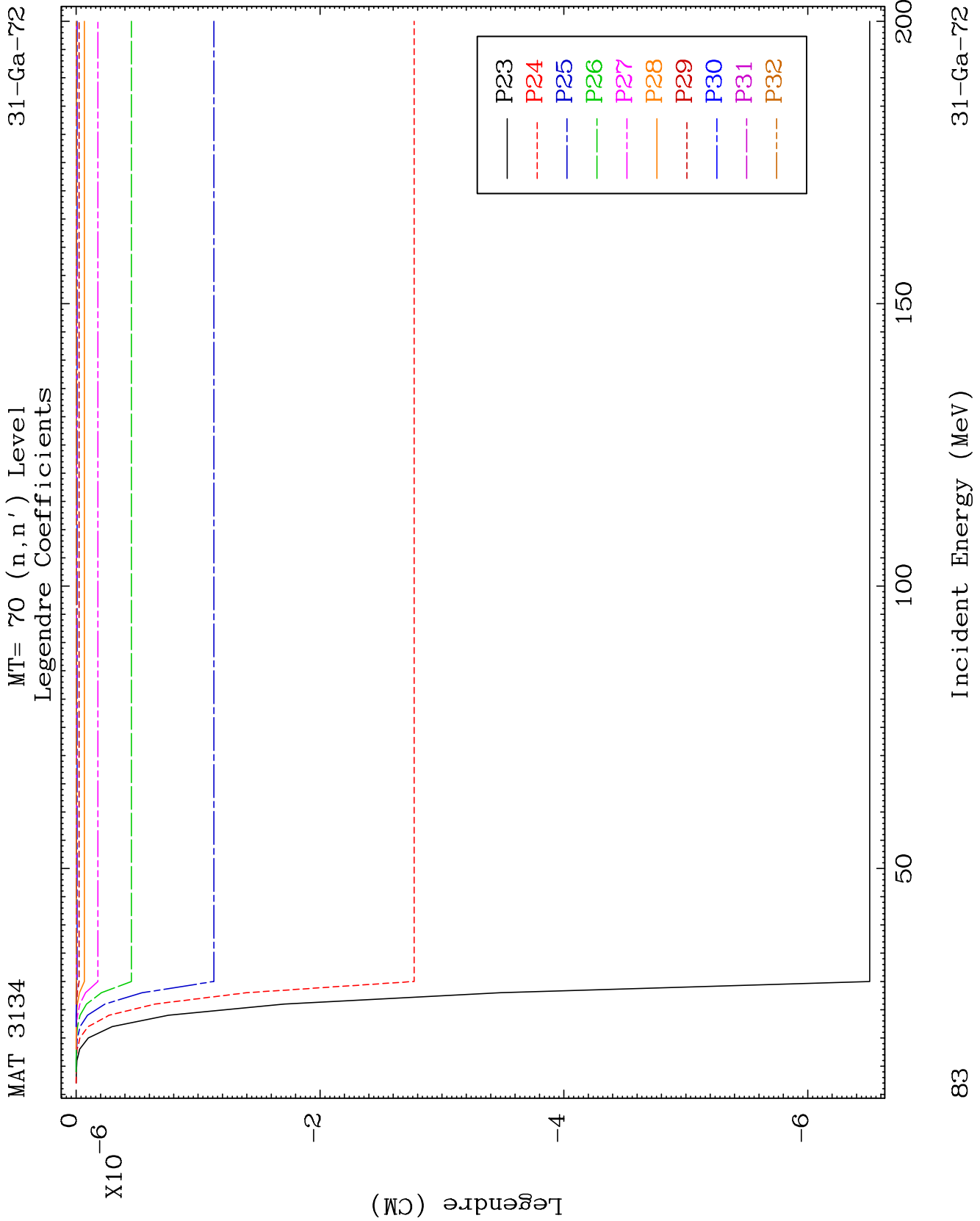
31-Ga-72



82

Incident Energy (MeV)

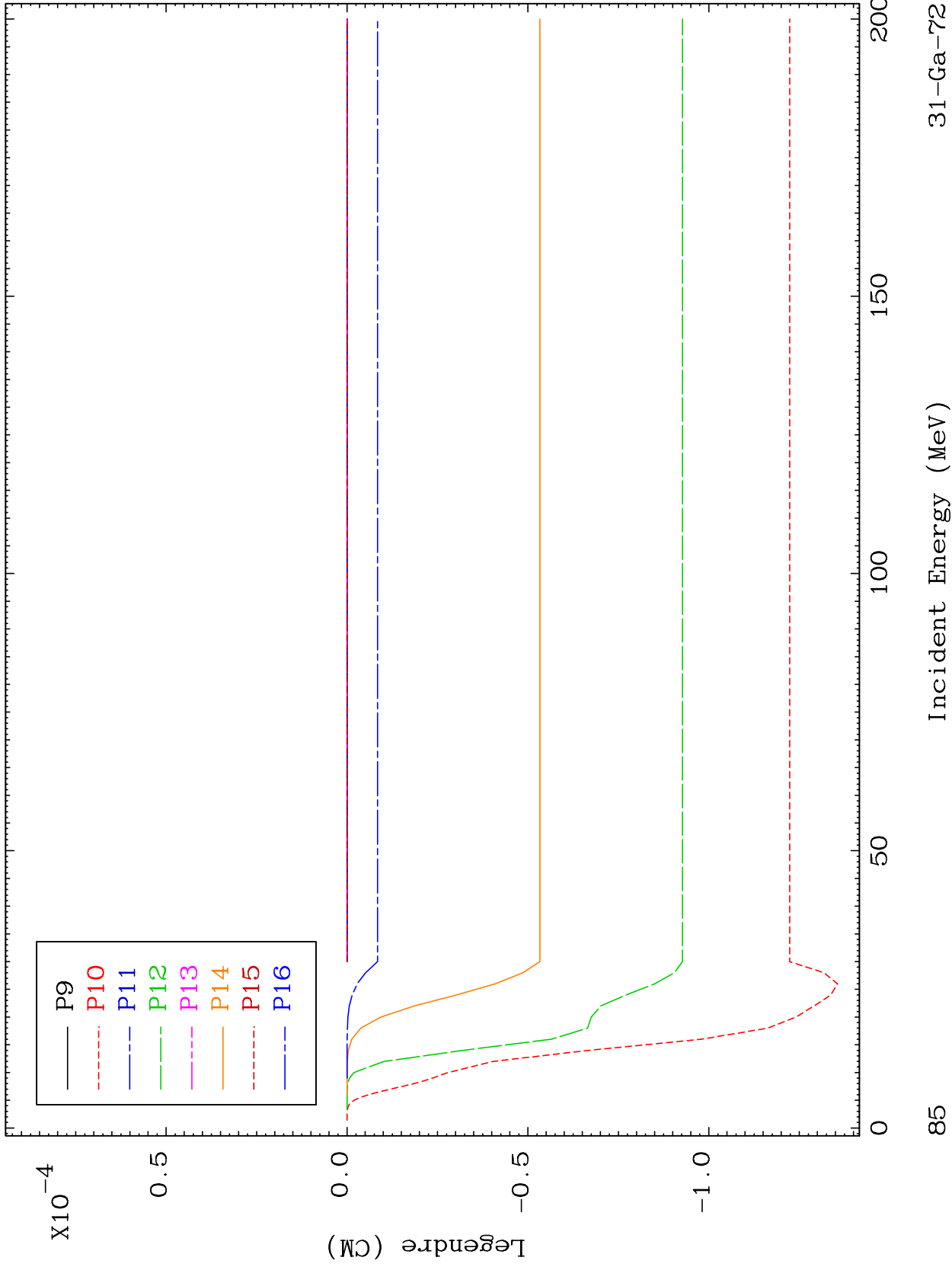
31-Ga-72



MAT 3134

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

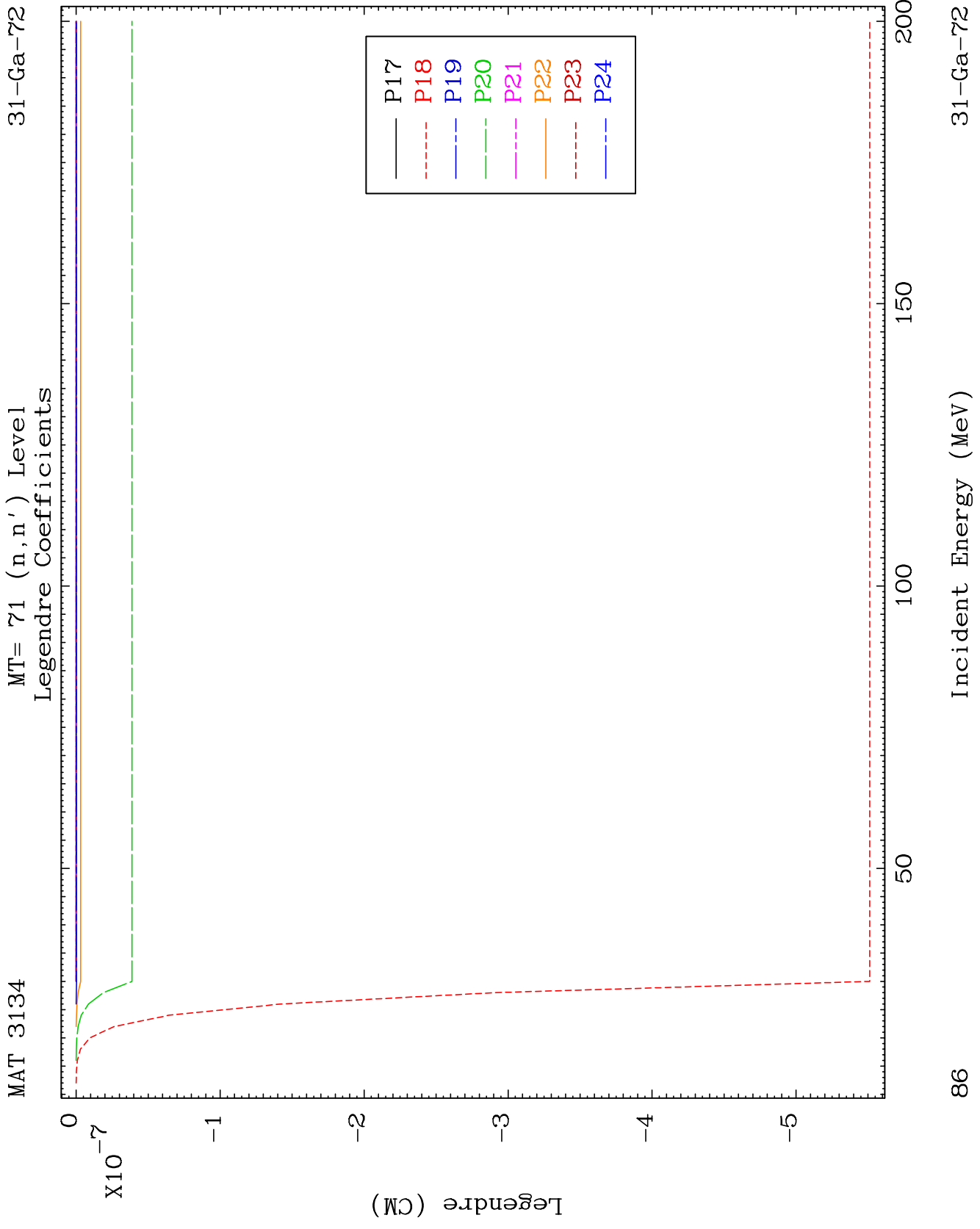
31-Ga-72



85

Incident Energy (MeV)

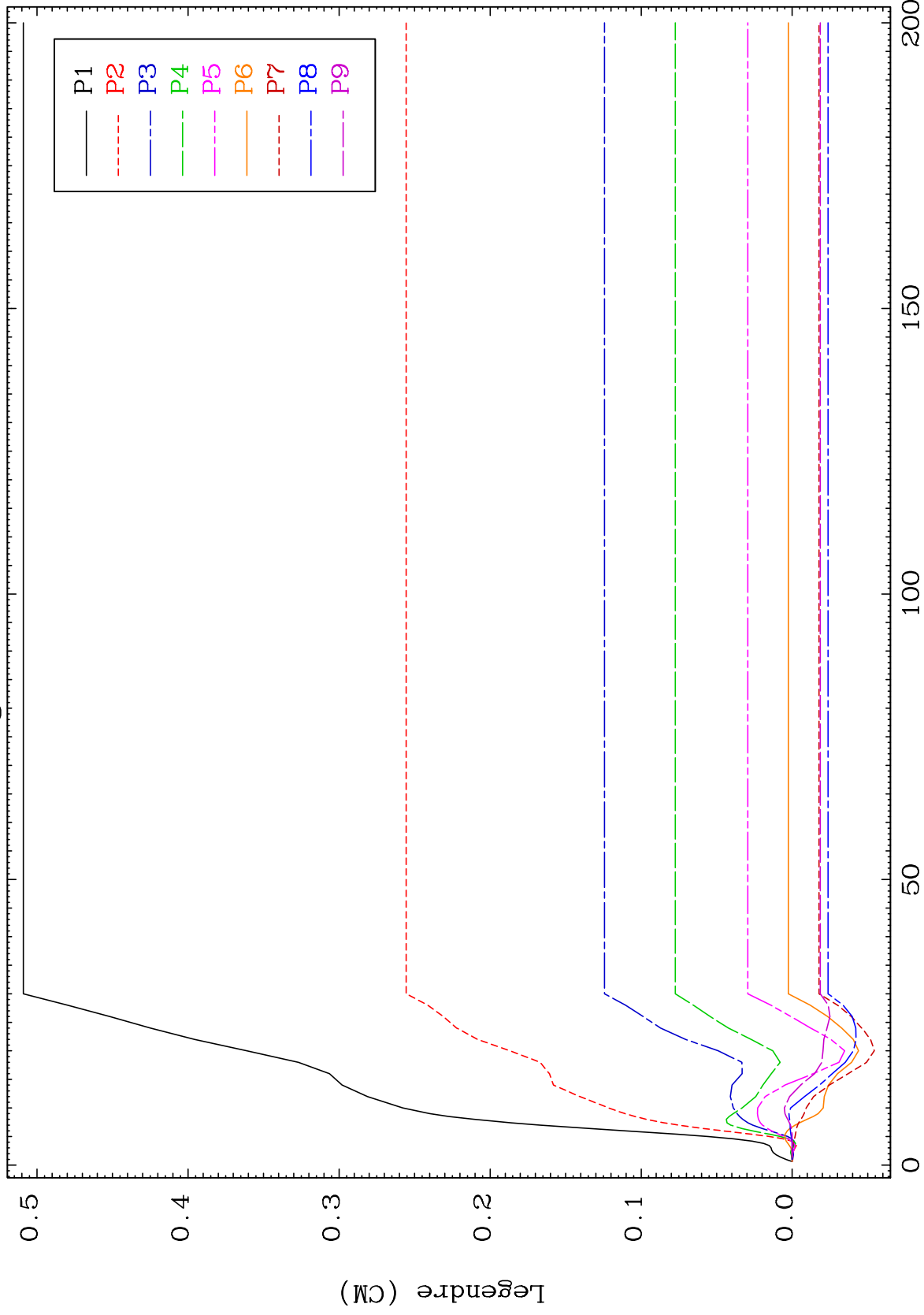
31-Ga-72



MAT 3134

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

31-Ga-72



87

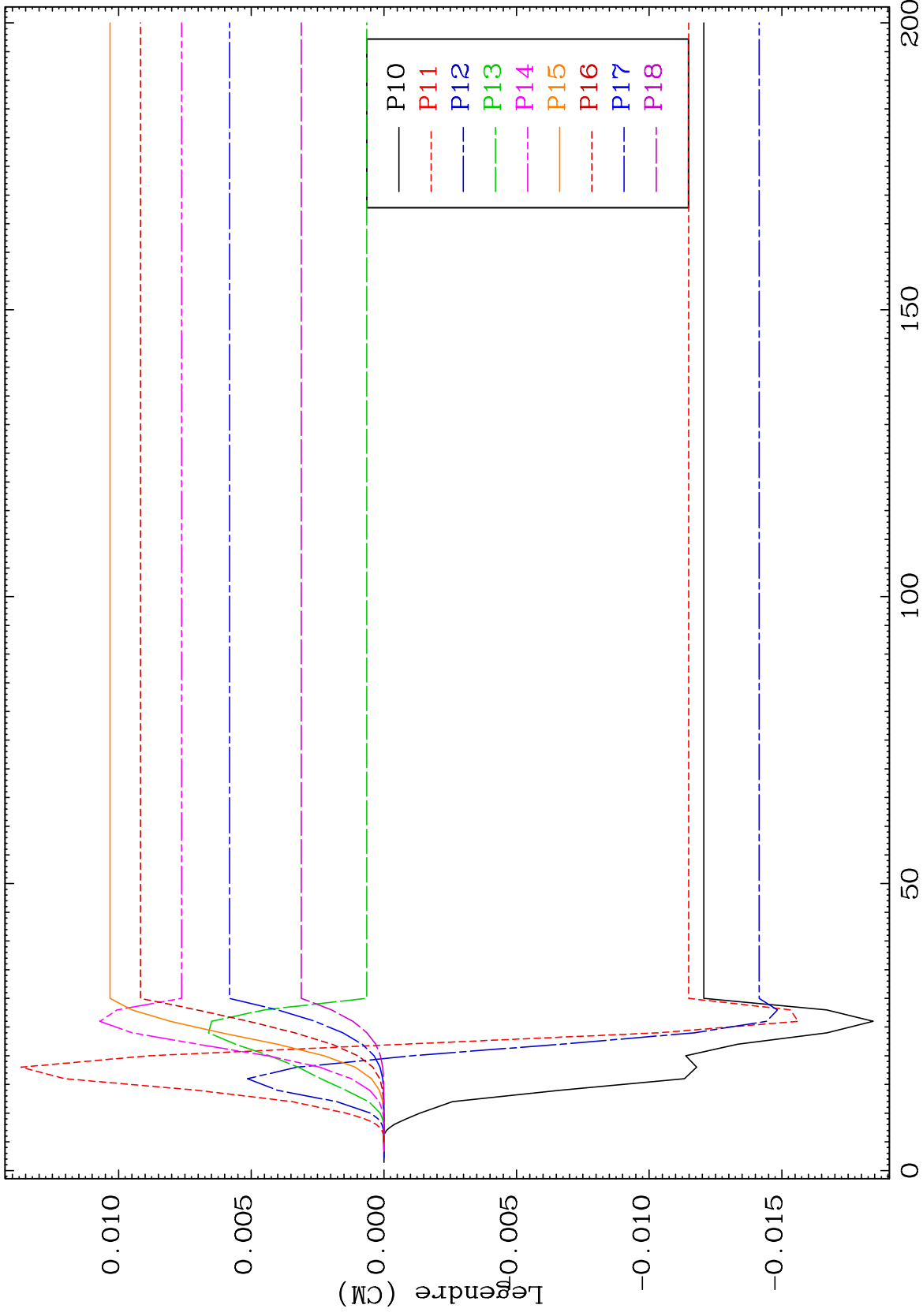
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



88

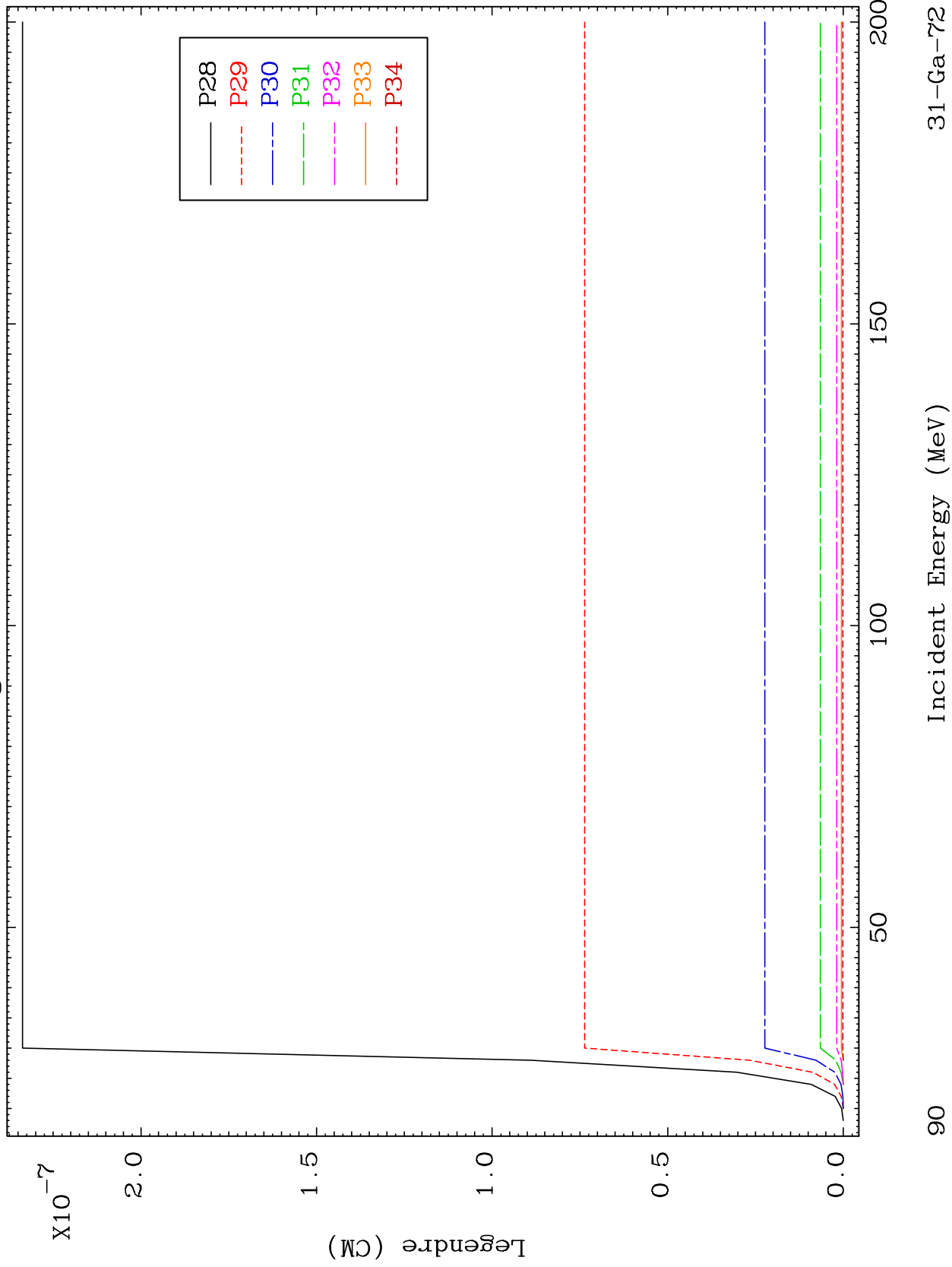
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

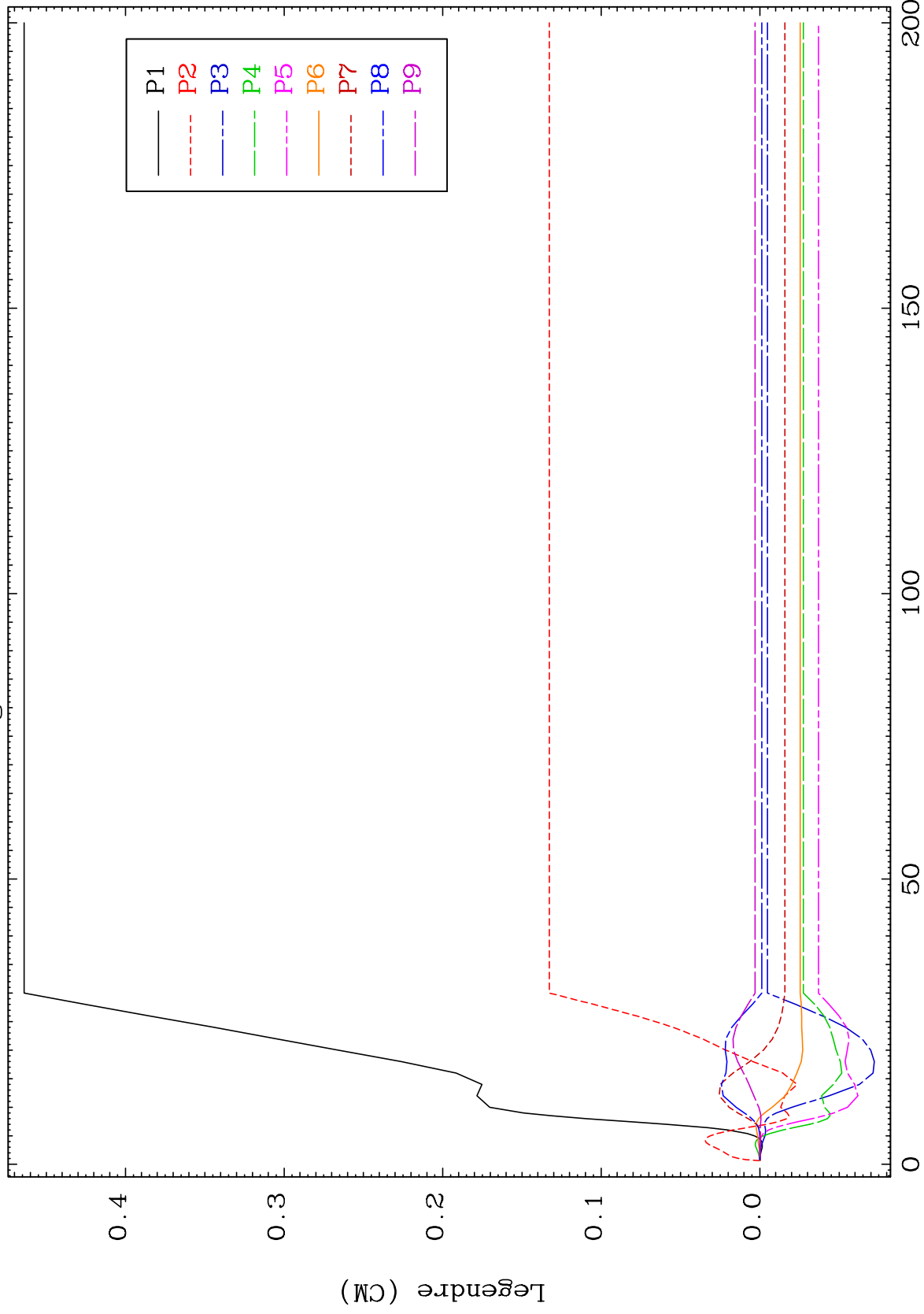
31-Ga-72



MAT 3134

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

31-Ga-72



91

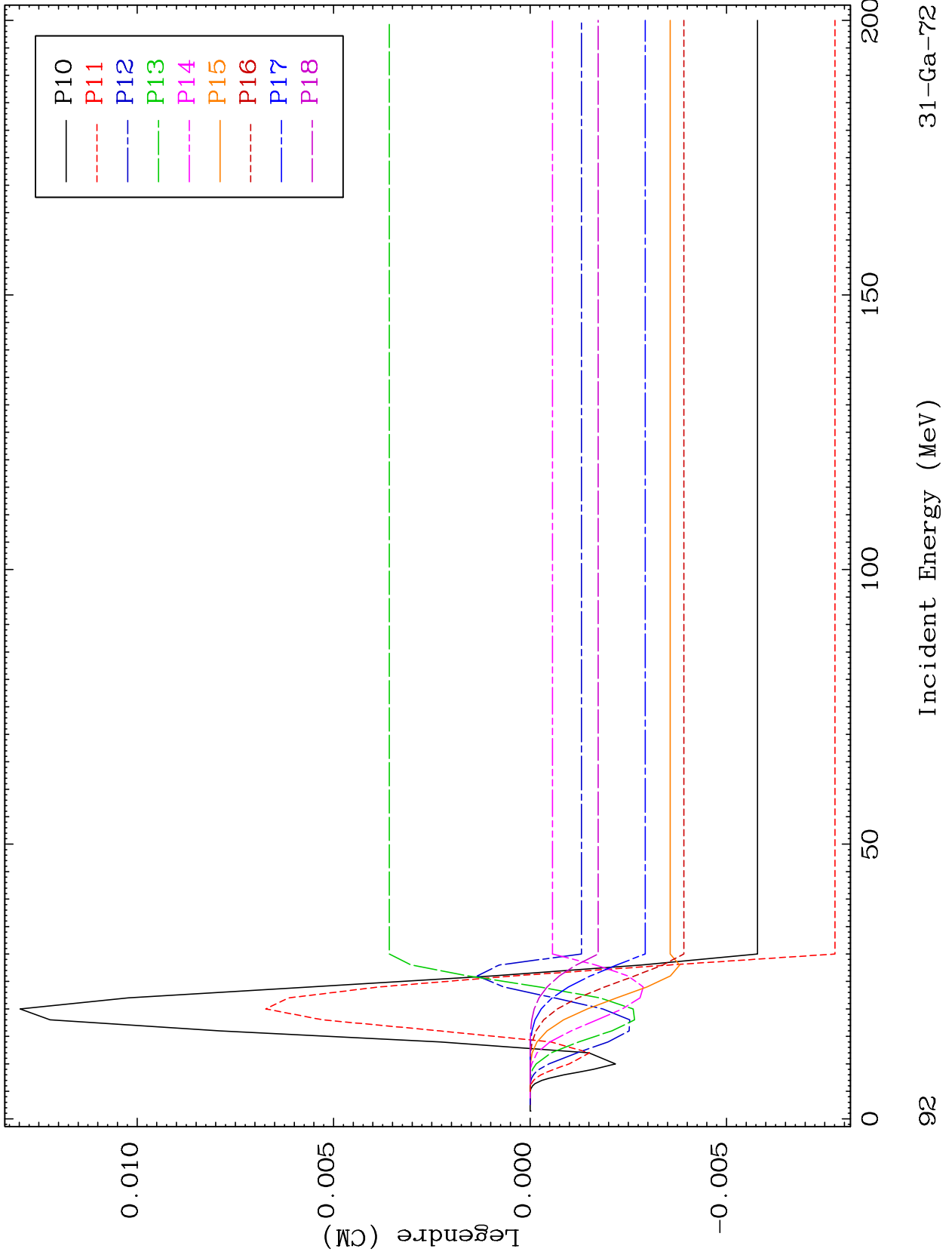
Incident Energy (MeV)

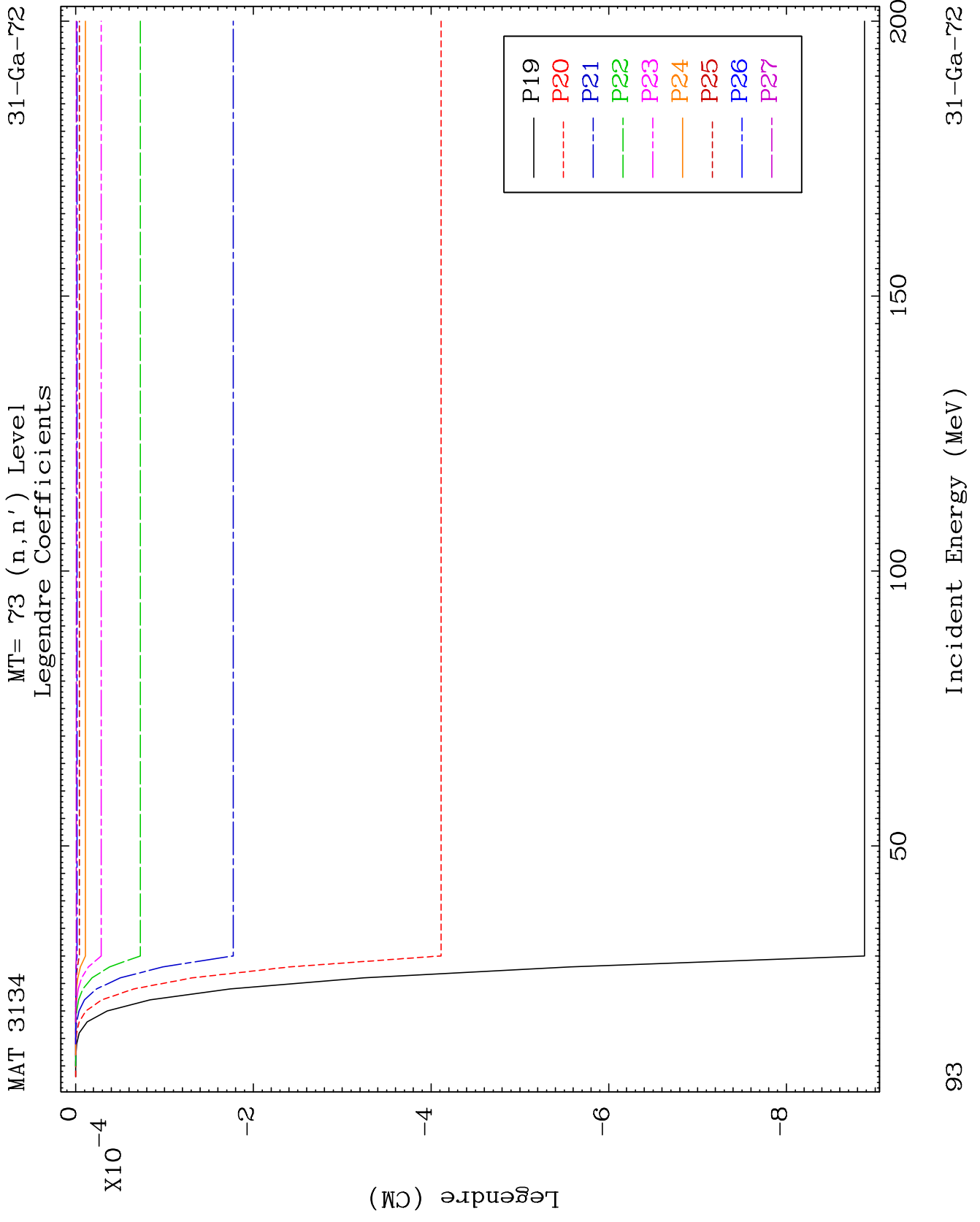
31-Ga-72

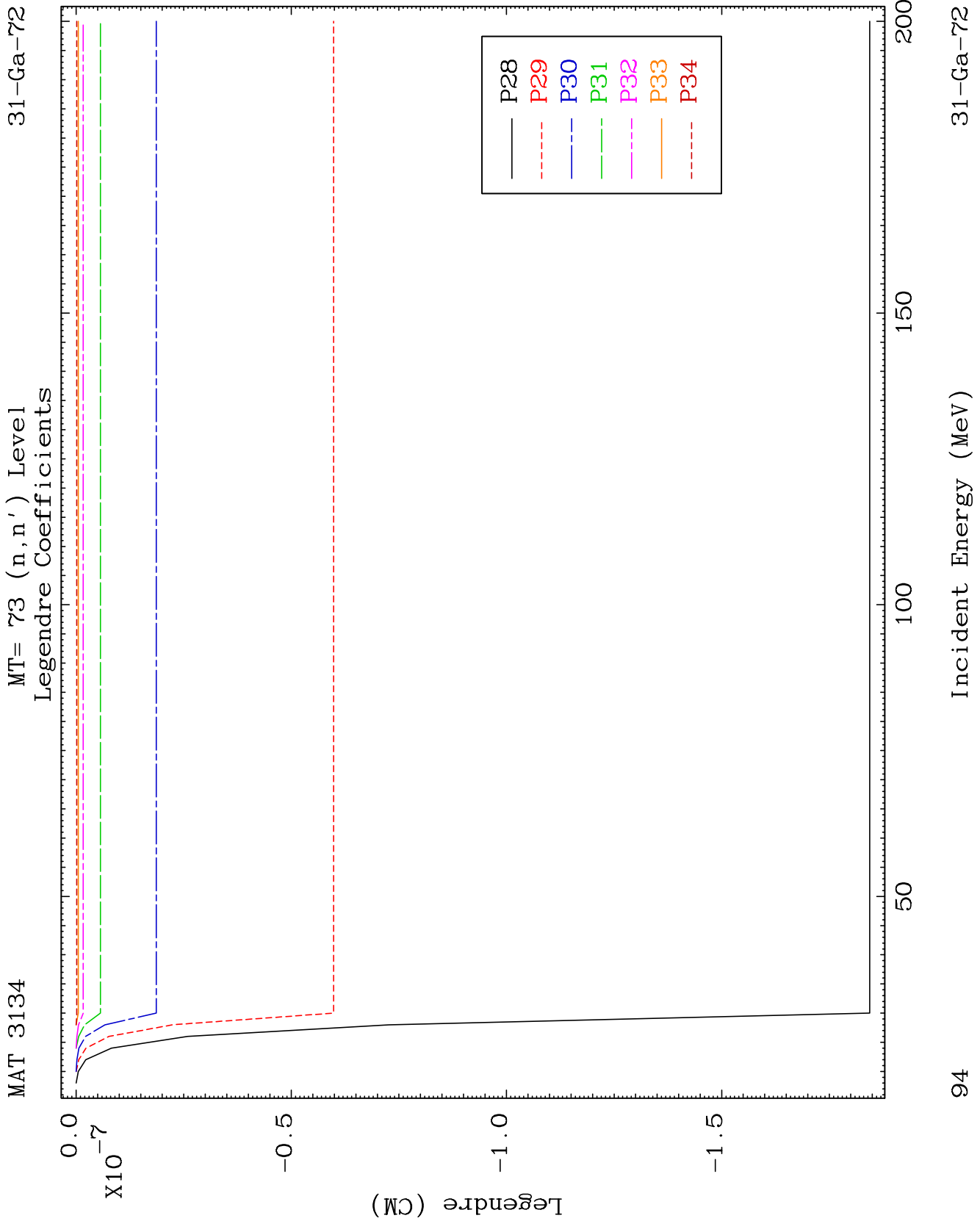
MAT 3134

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

31-Ga-72



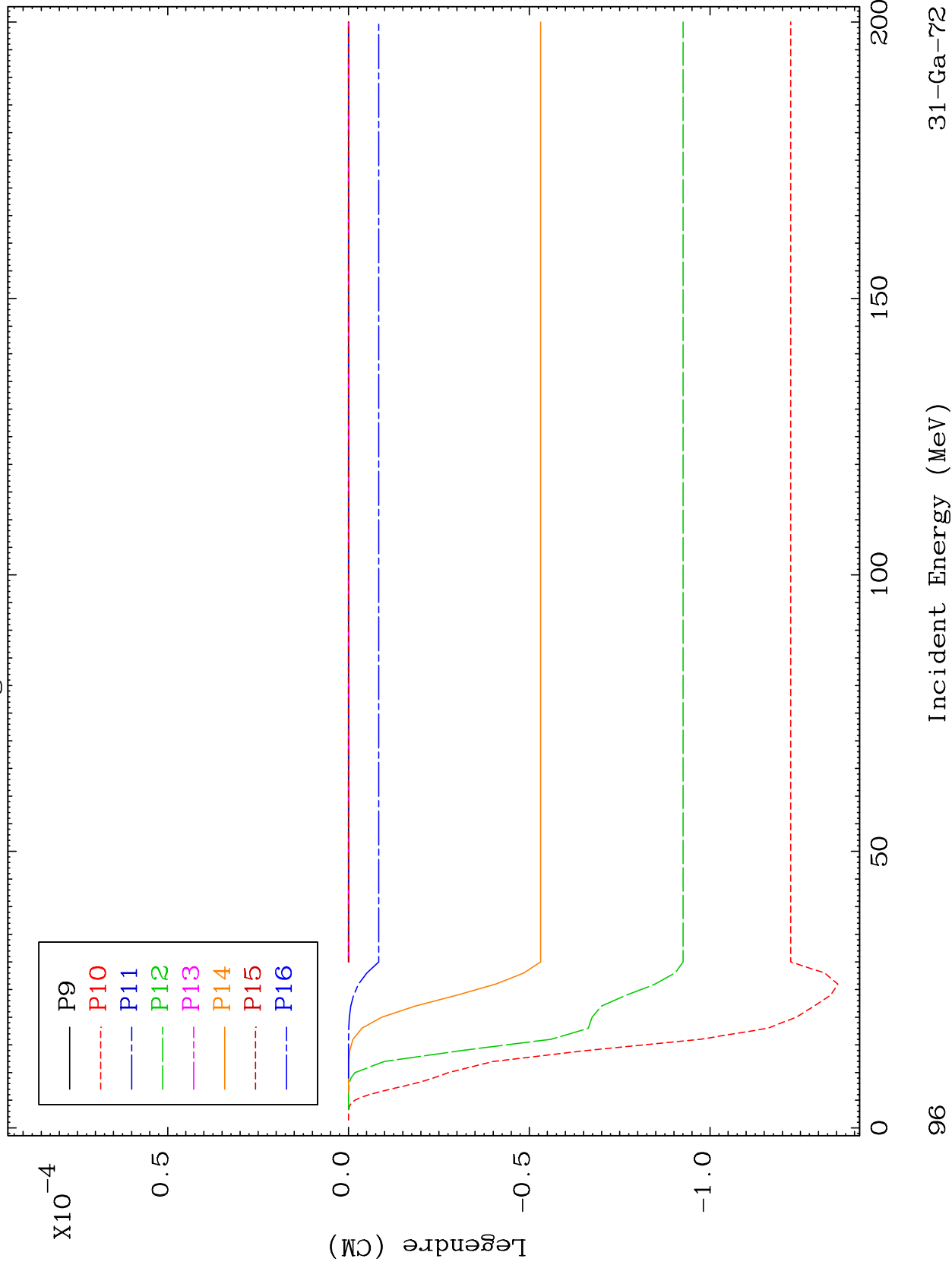


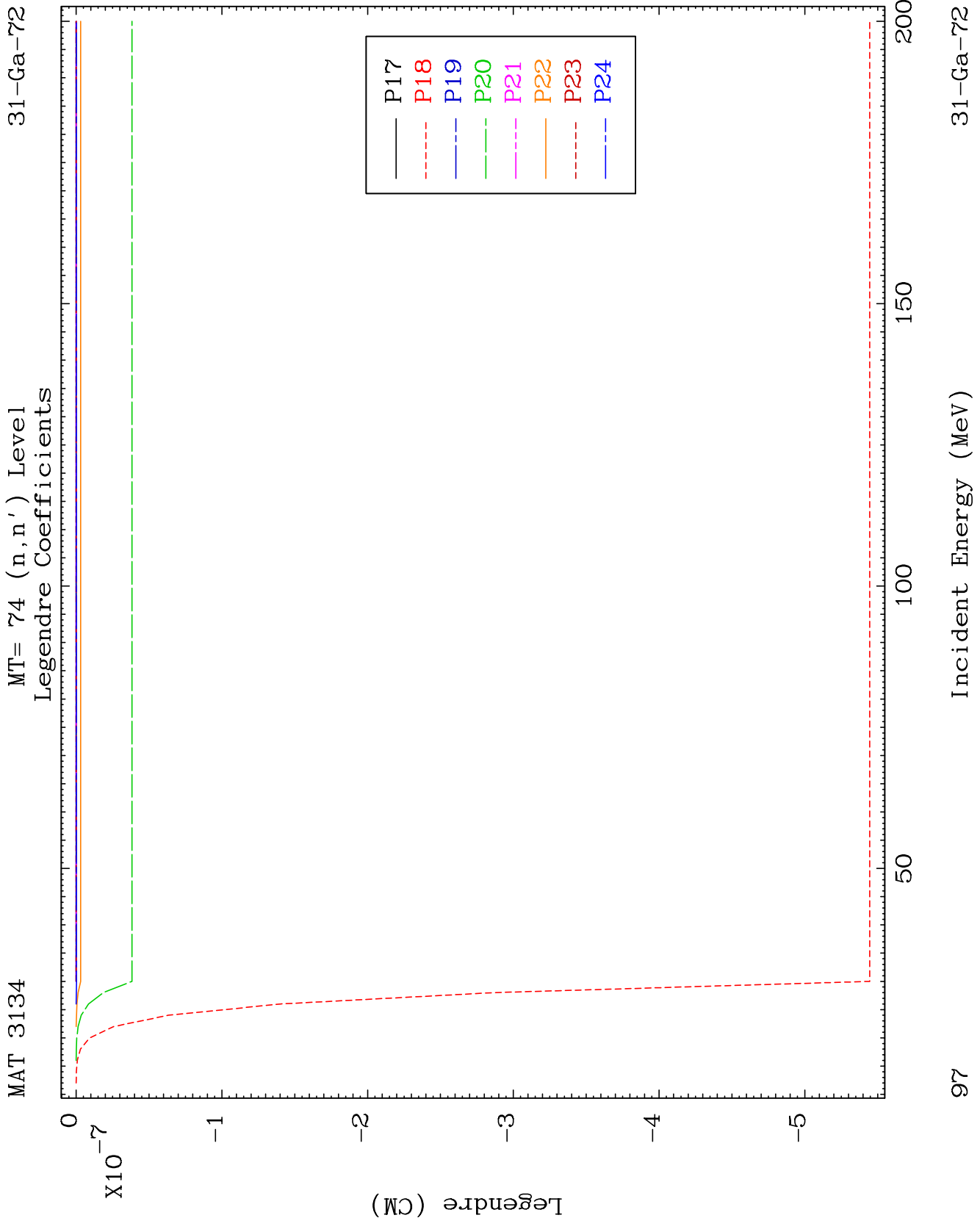


MAT 3134

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

31-Ga-72

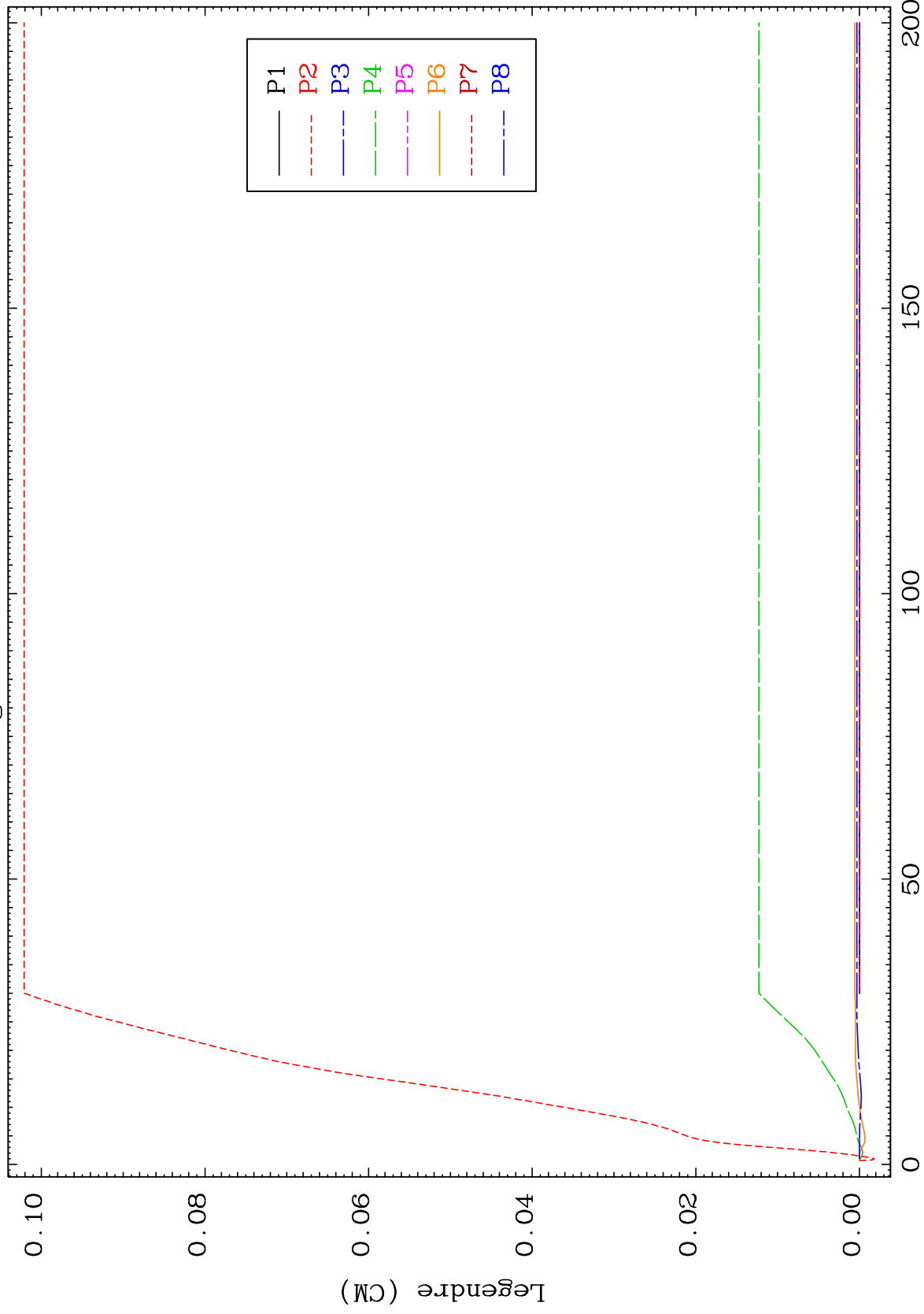




MAT 3134

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

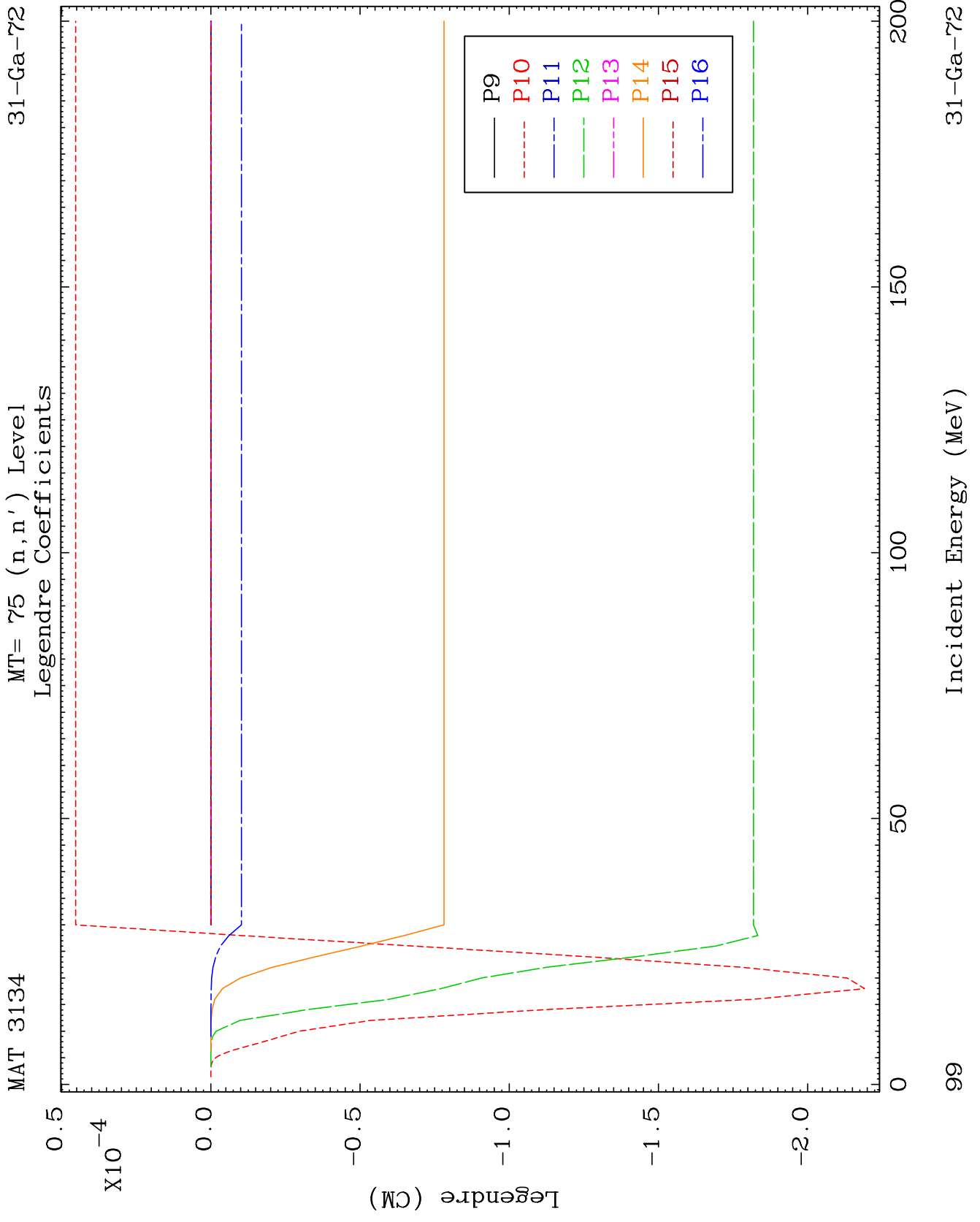
31-Ga-72



98

Incident Energy (MeV)

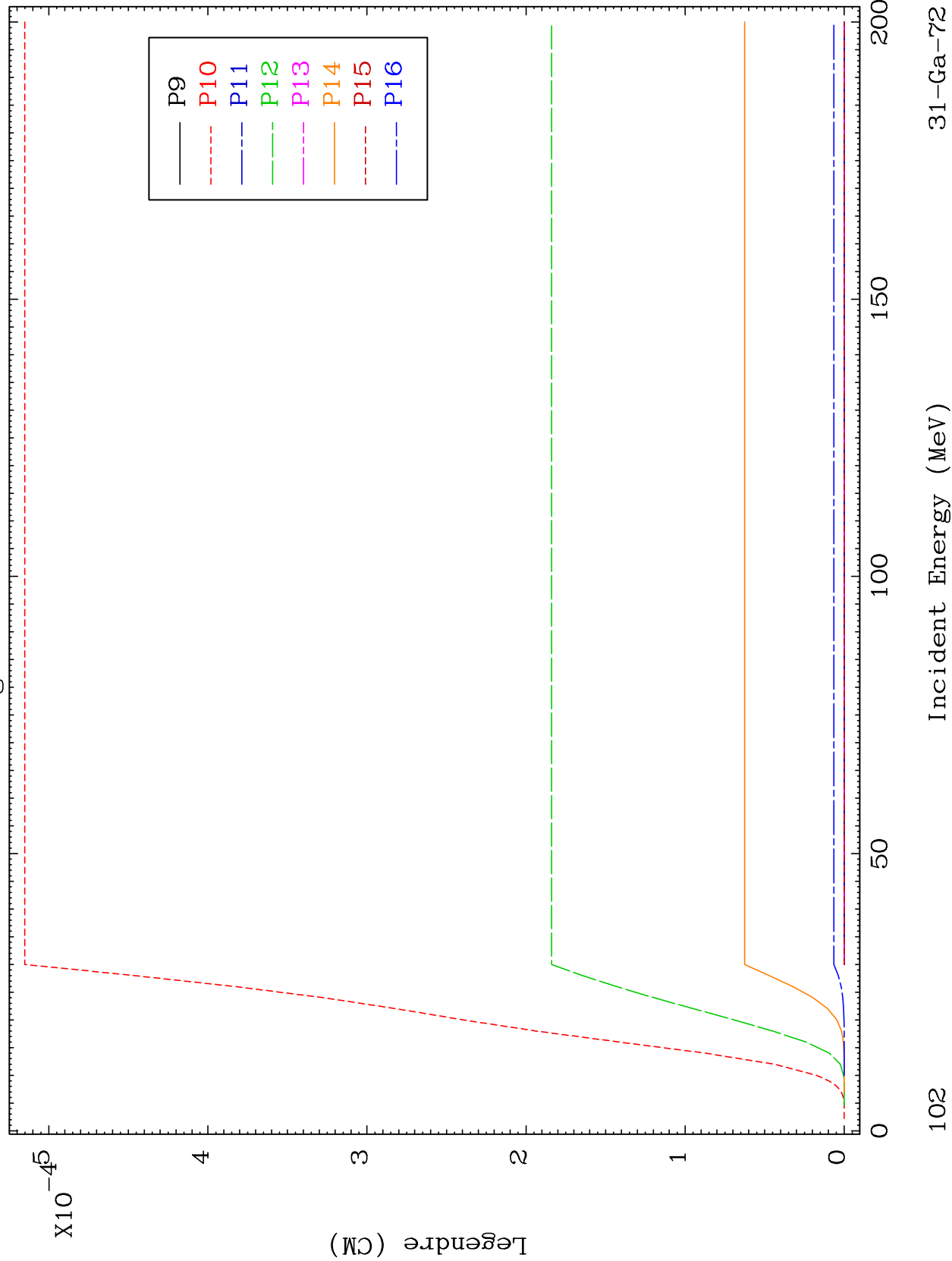
31-Ga-72



MAT 3134

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

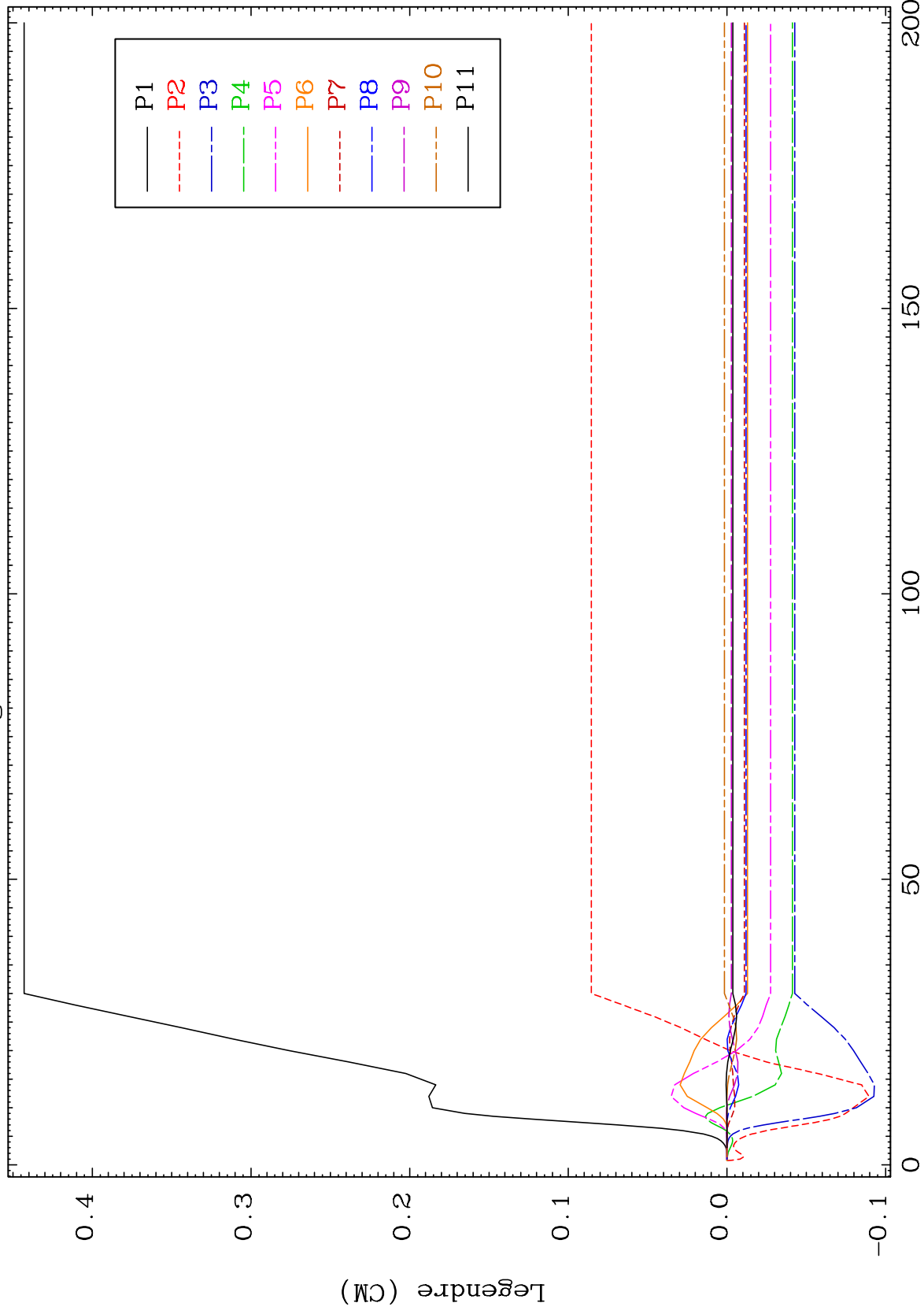
31-Ga-72



MAT 3134

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

31-Ga-72



31-Ga-72

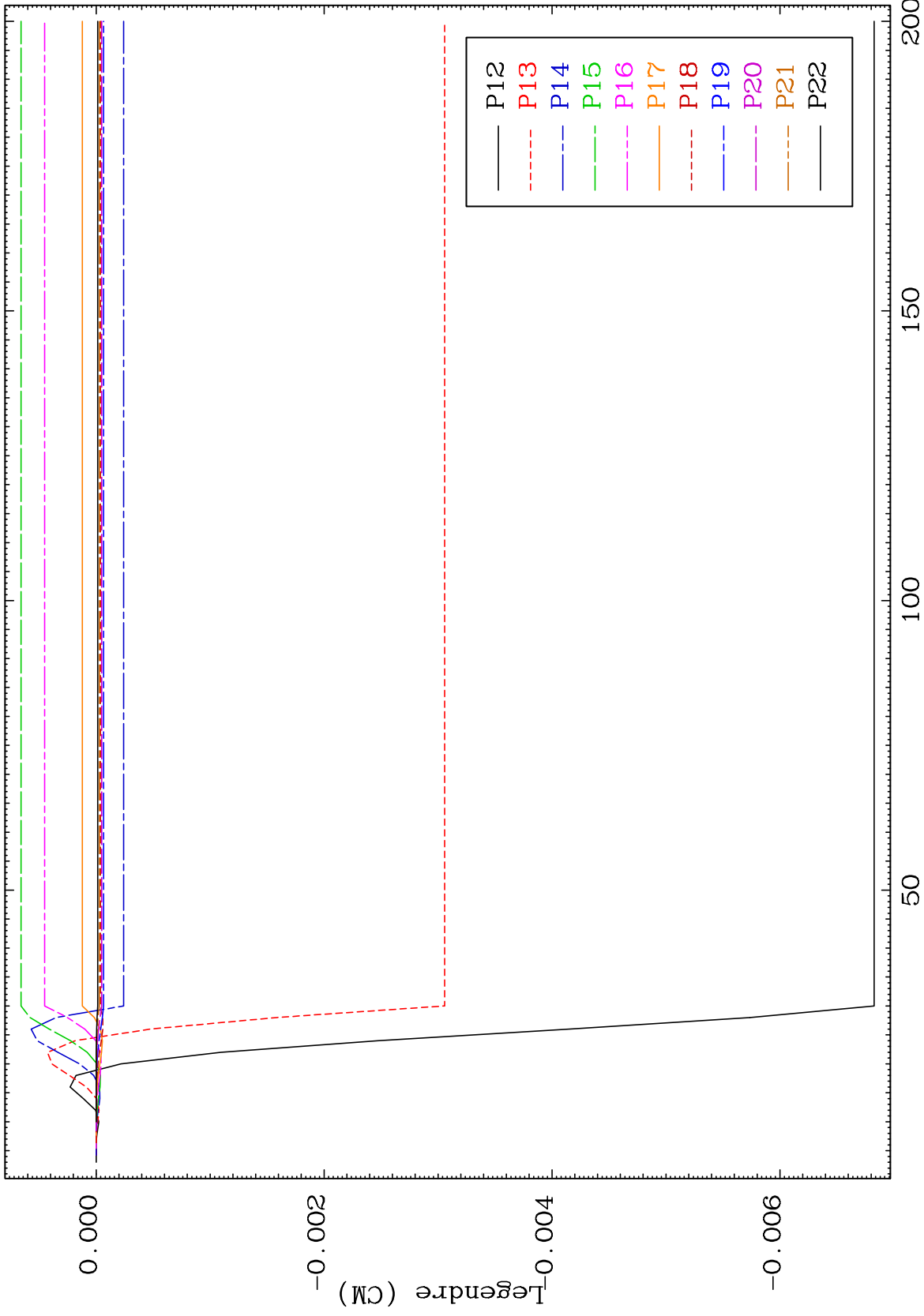
Incident Energy (MeV)

104

MAT 3134

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

31-Ga-72



105

Incident Energy (MeV)

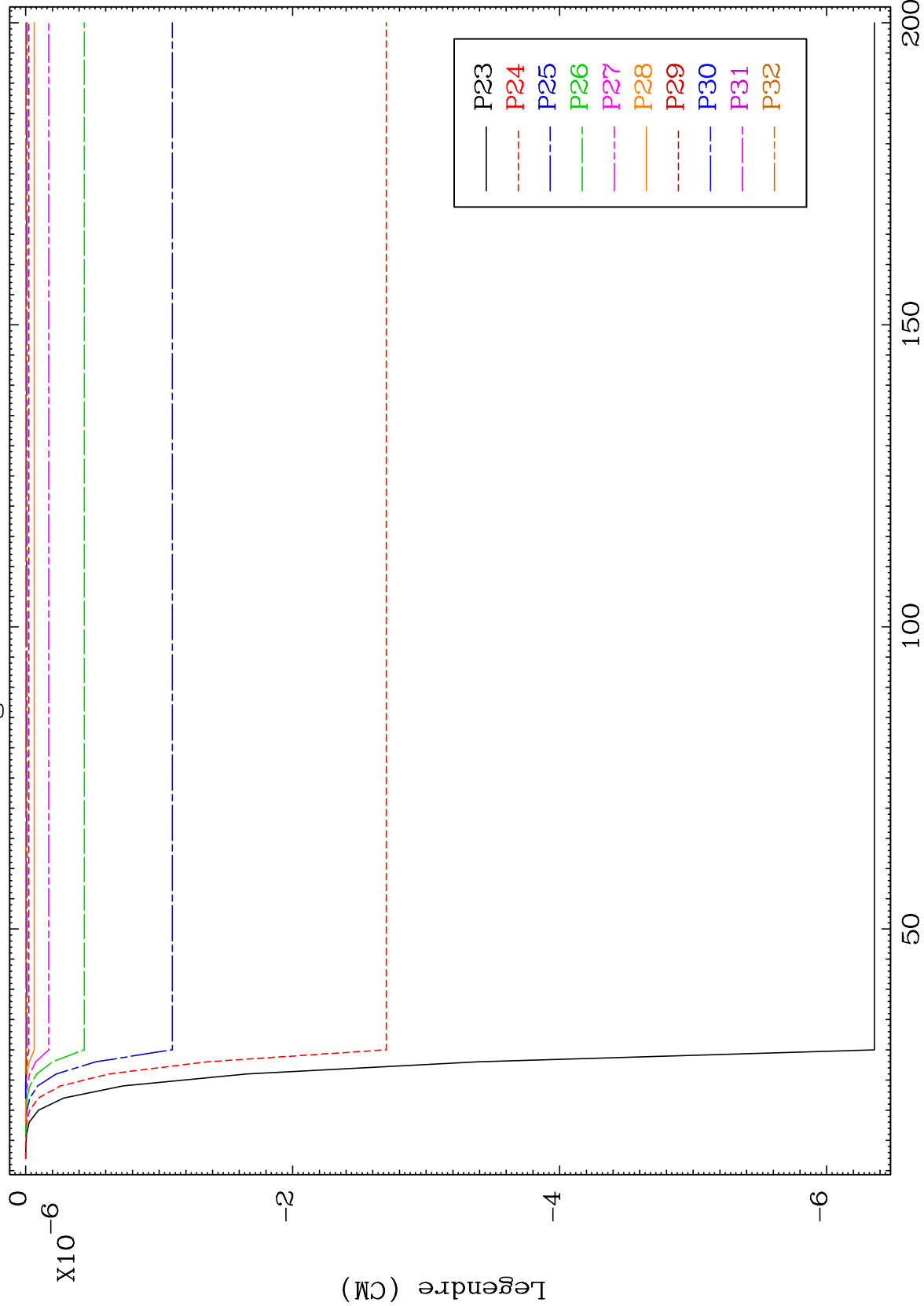
31-Ga-72

MAT 3134

MT= 77 (n,n') Level

31-Ga-72

Legendre Coefficients



106

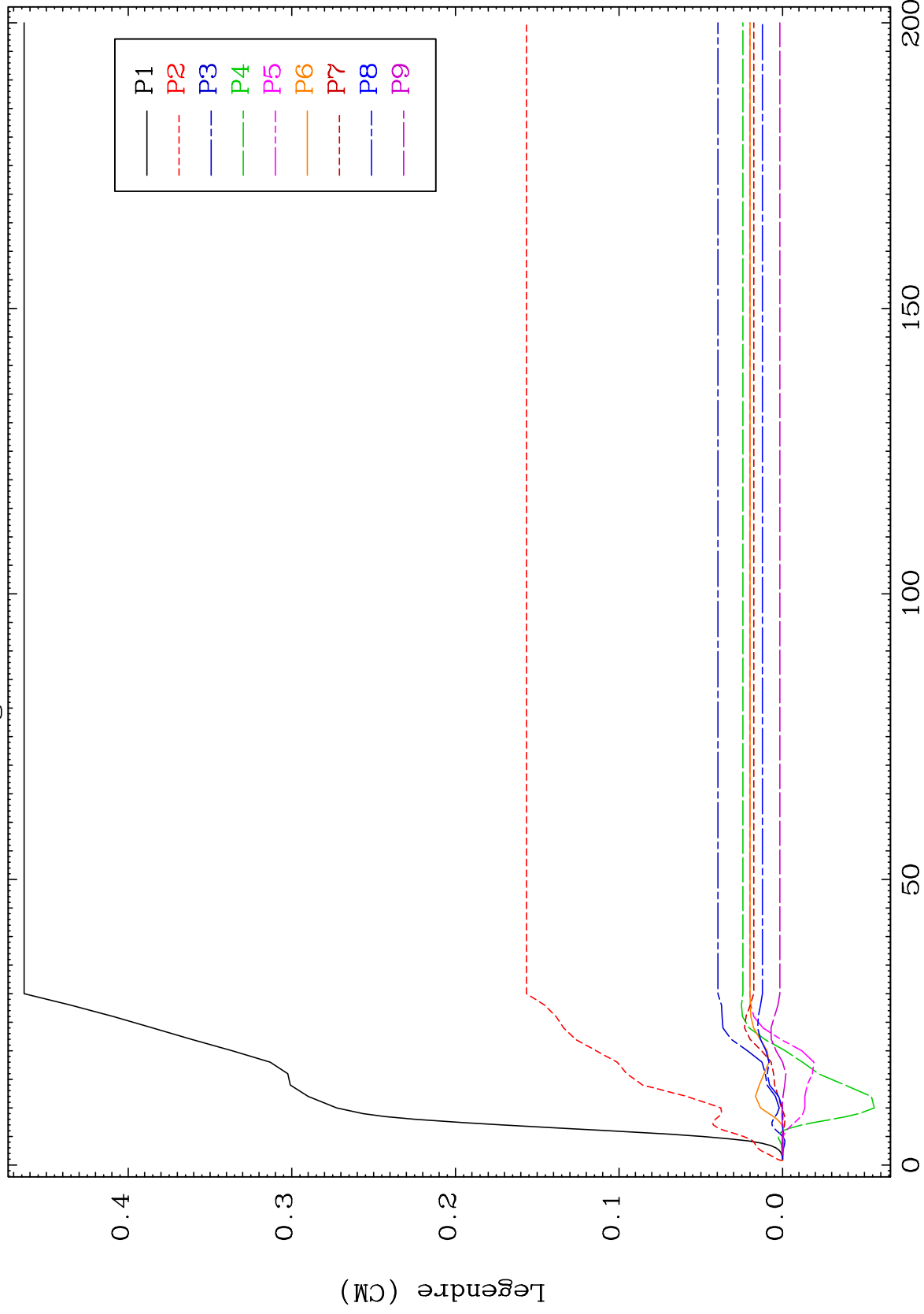
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



107

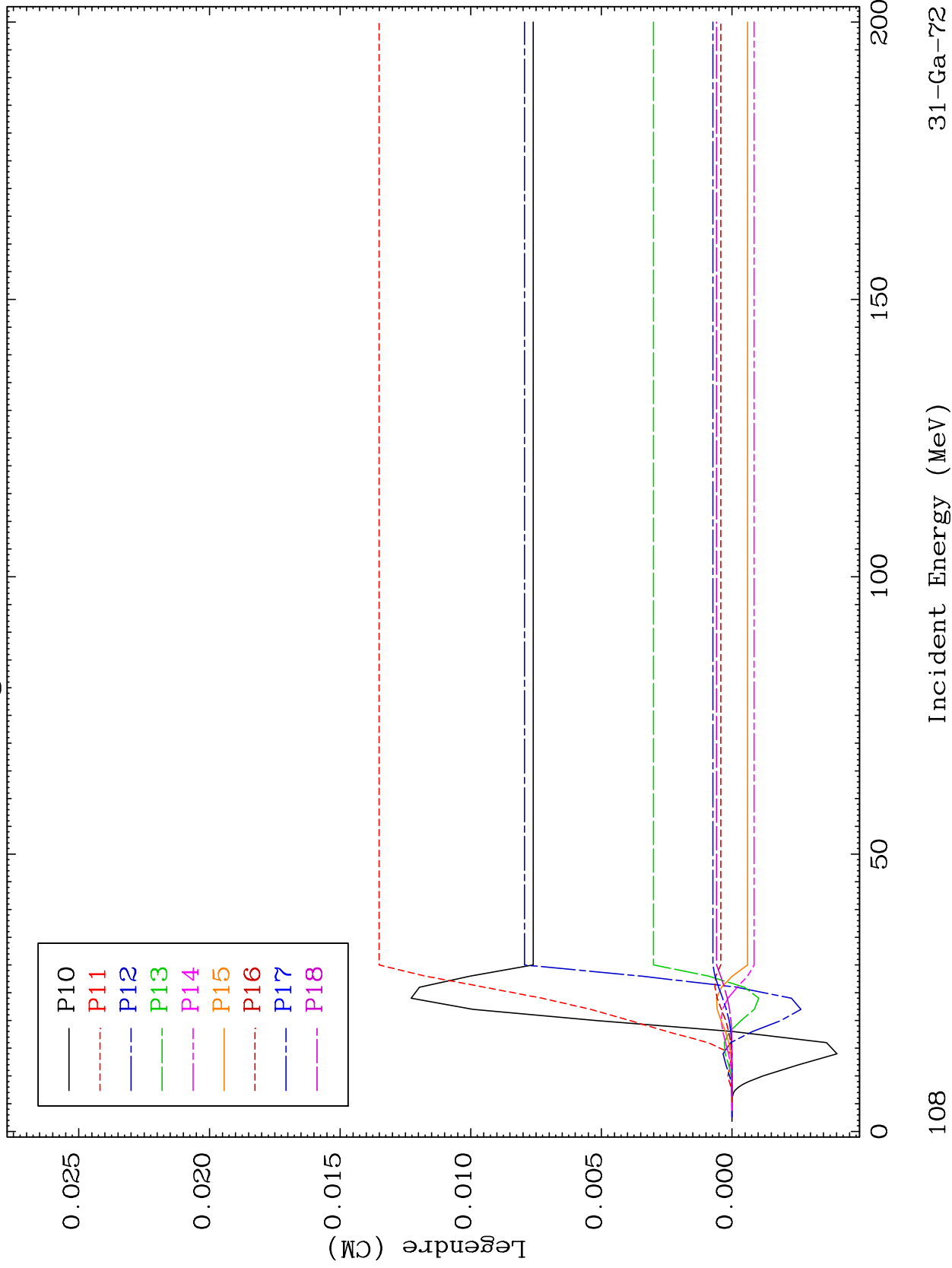
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



108

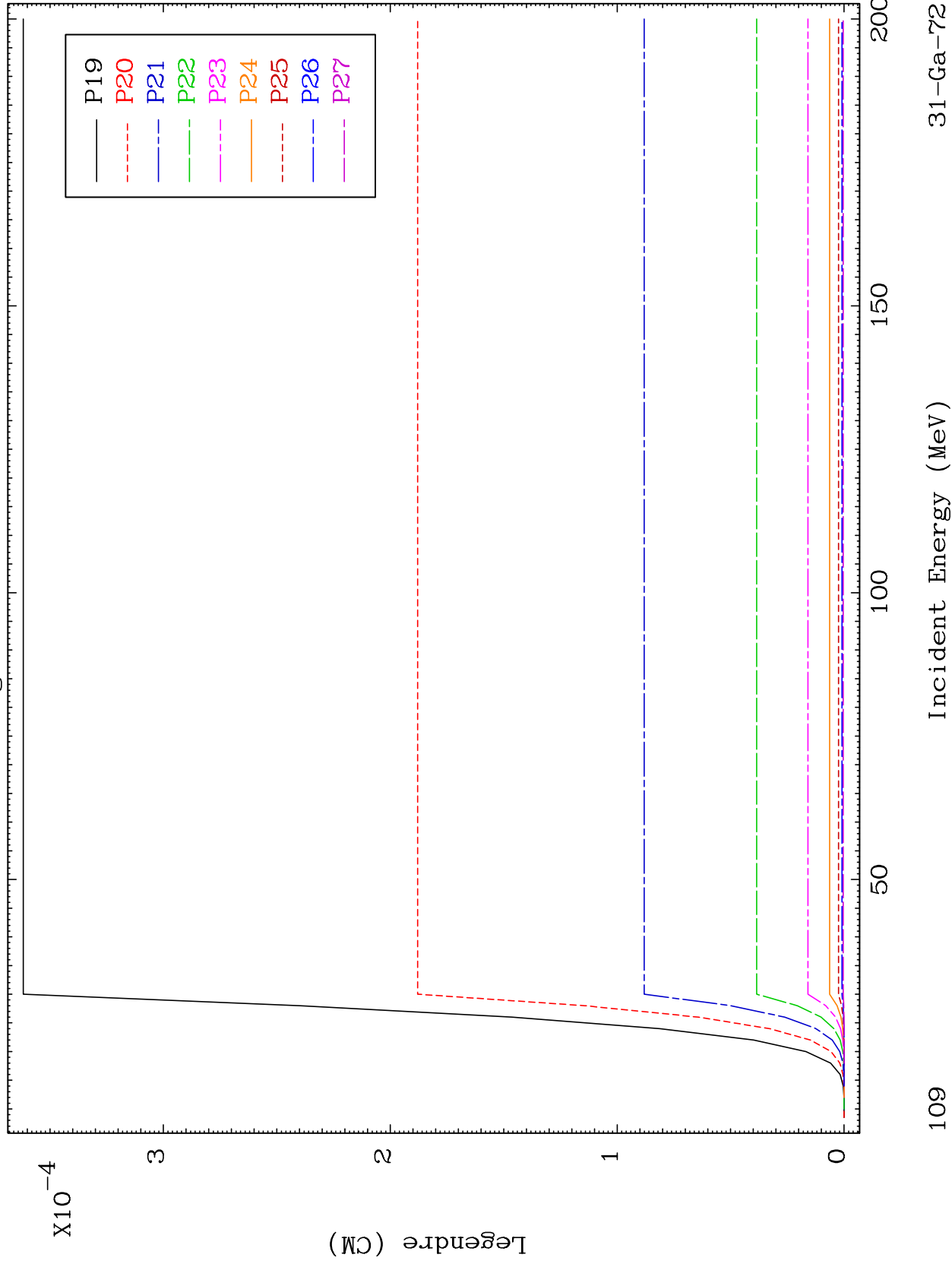
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

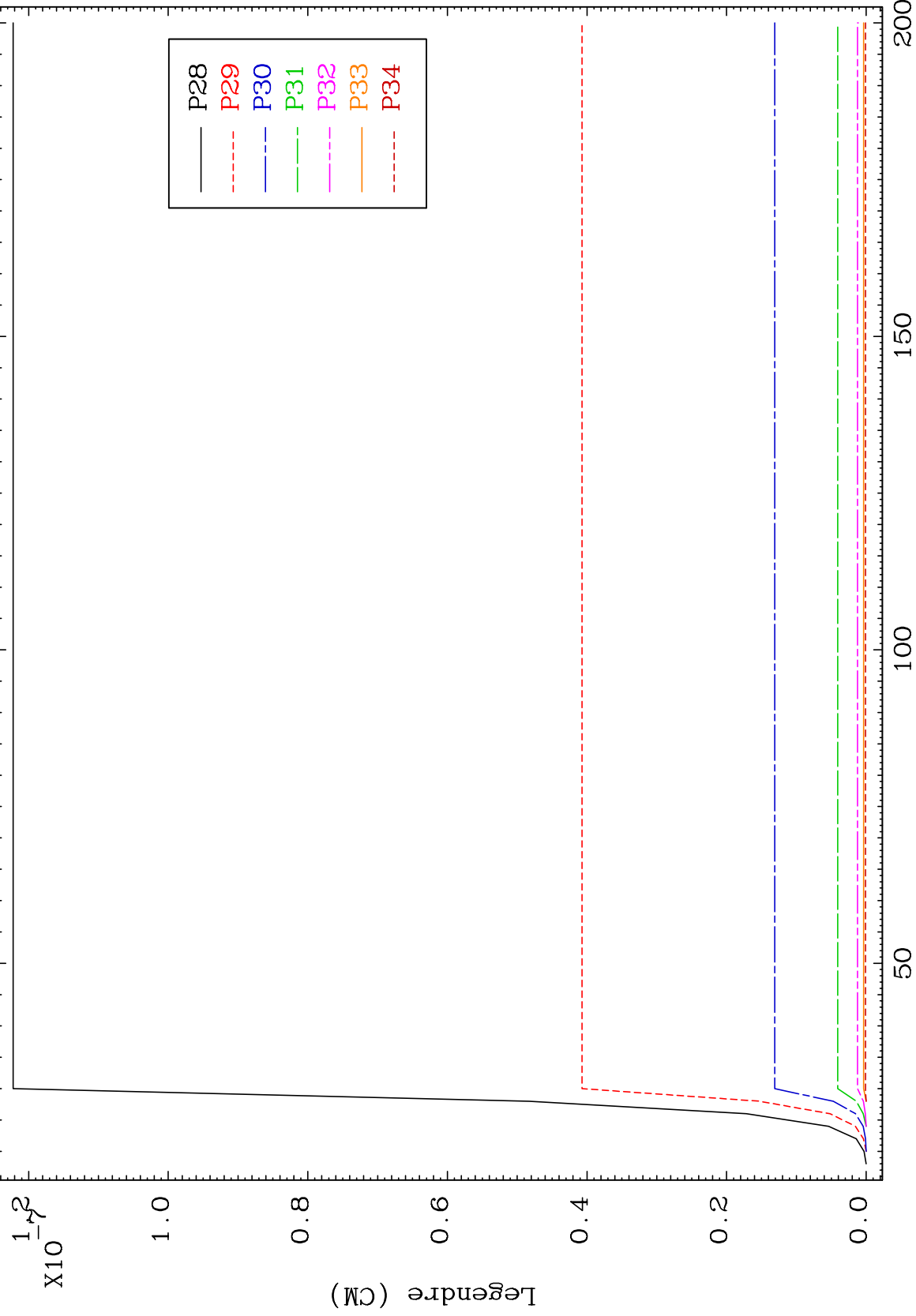
31-Ga-72



MAT 3134

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

31-Ga-72



110

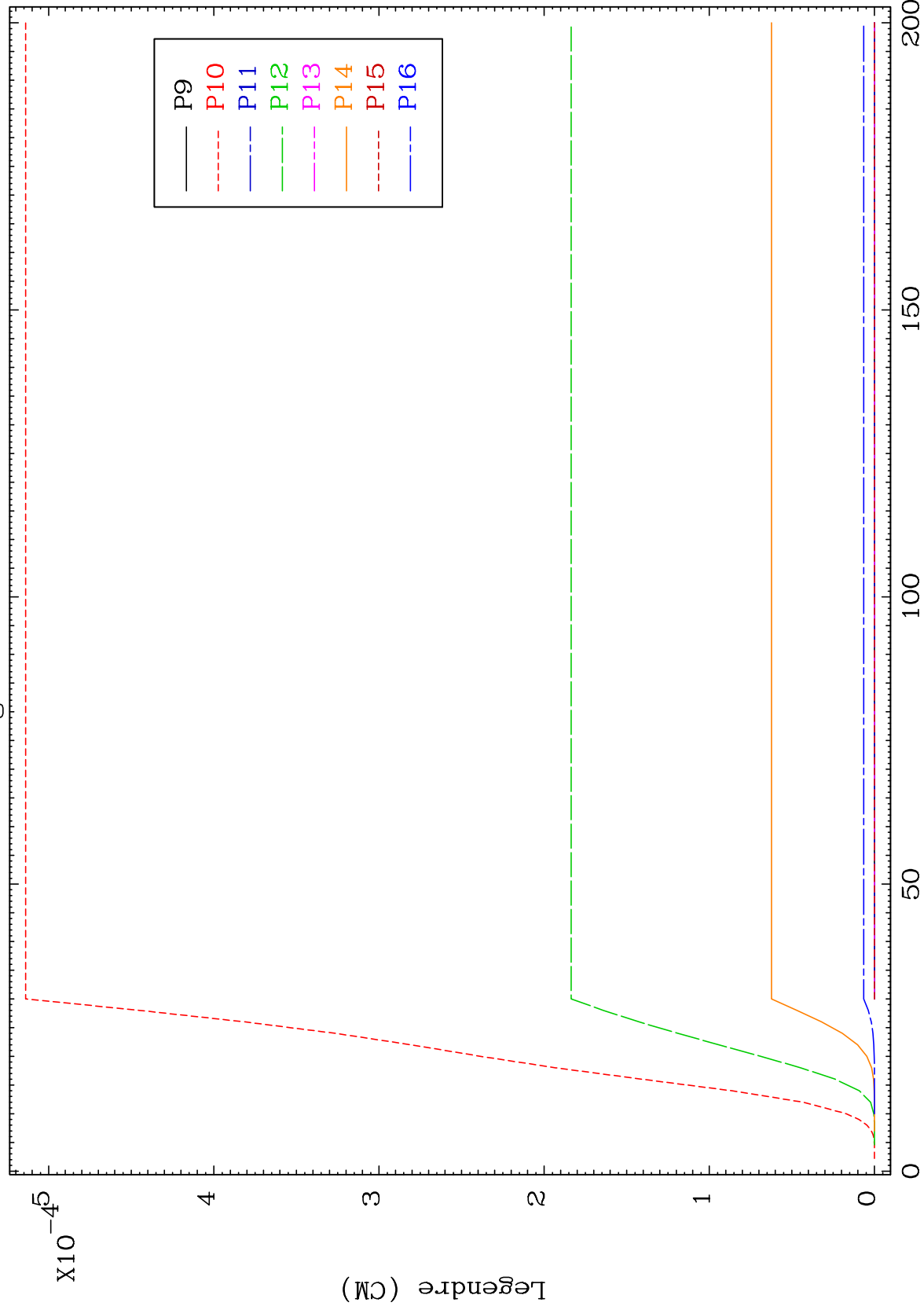
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

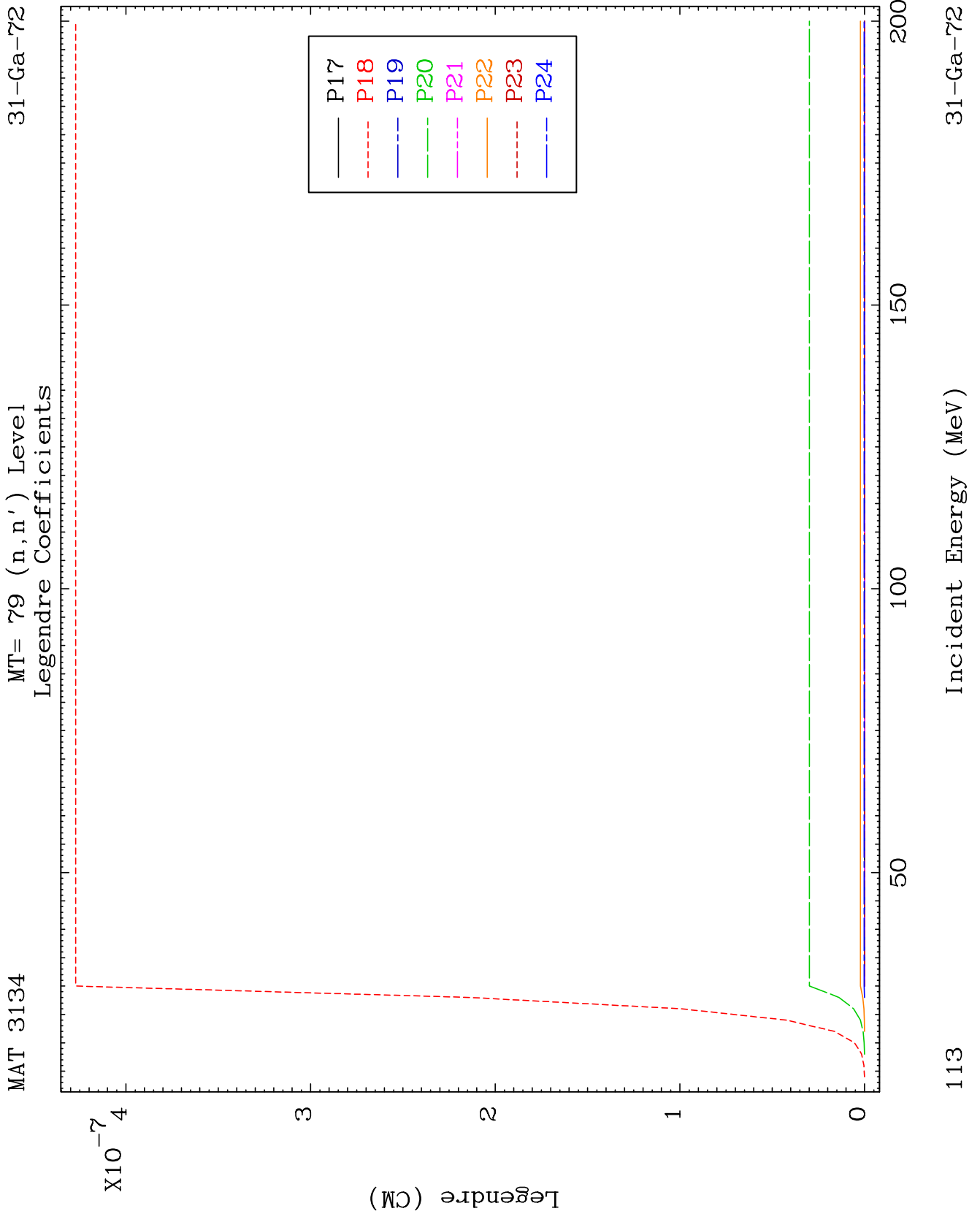
31-Ga-72



112

Incident Energy (MeV)

31-Ga-72

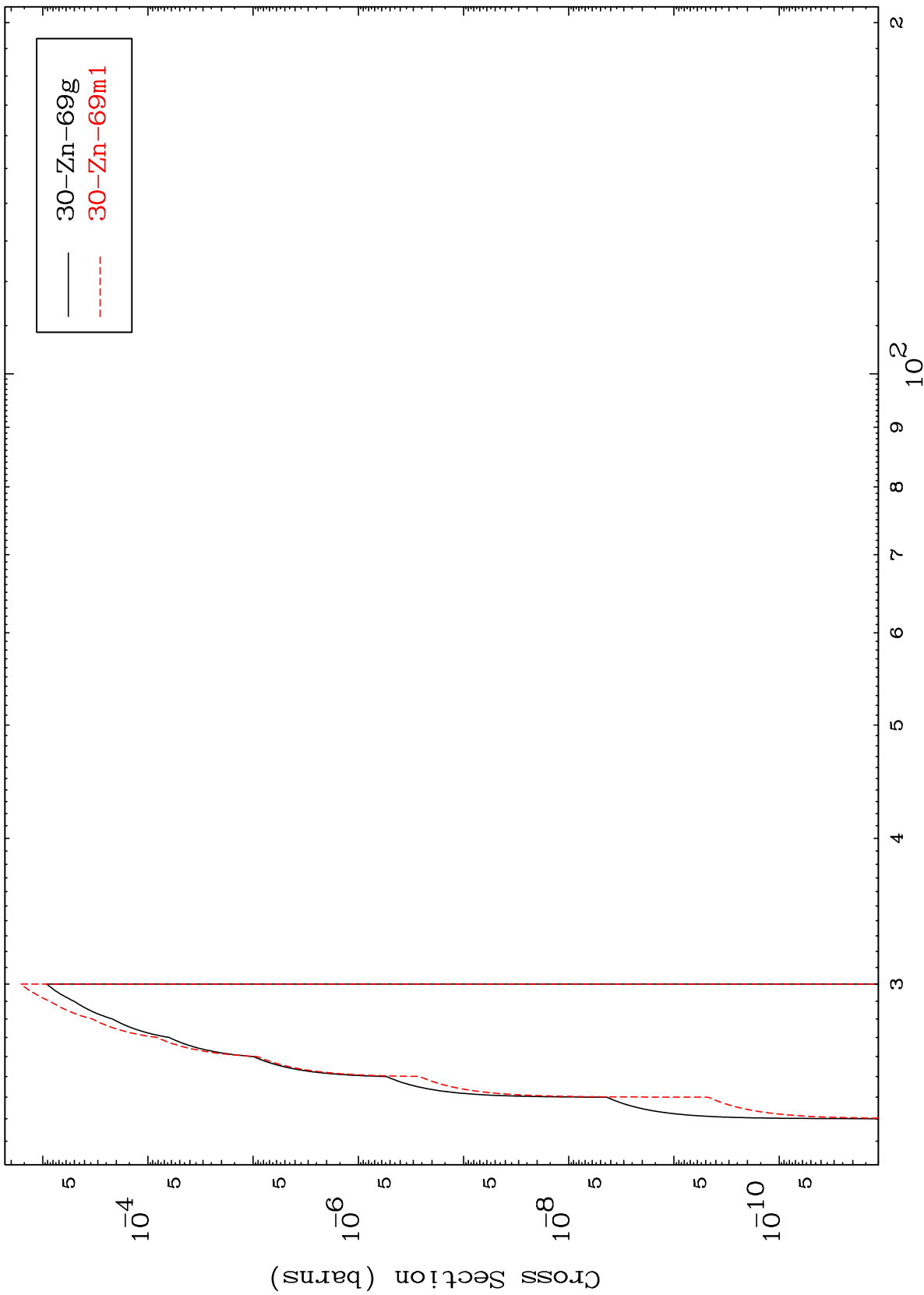


MAT 3134

(n,2n) d

31-Ga-72

Radionuclide Production Cross Section



114

Incident Energy (MeV)

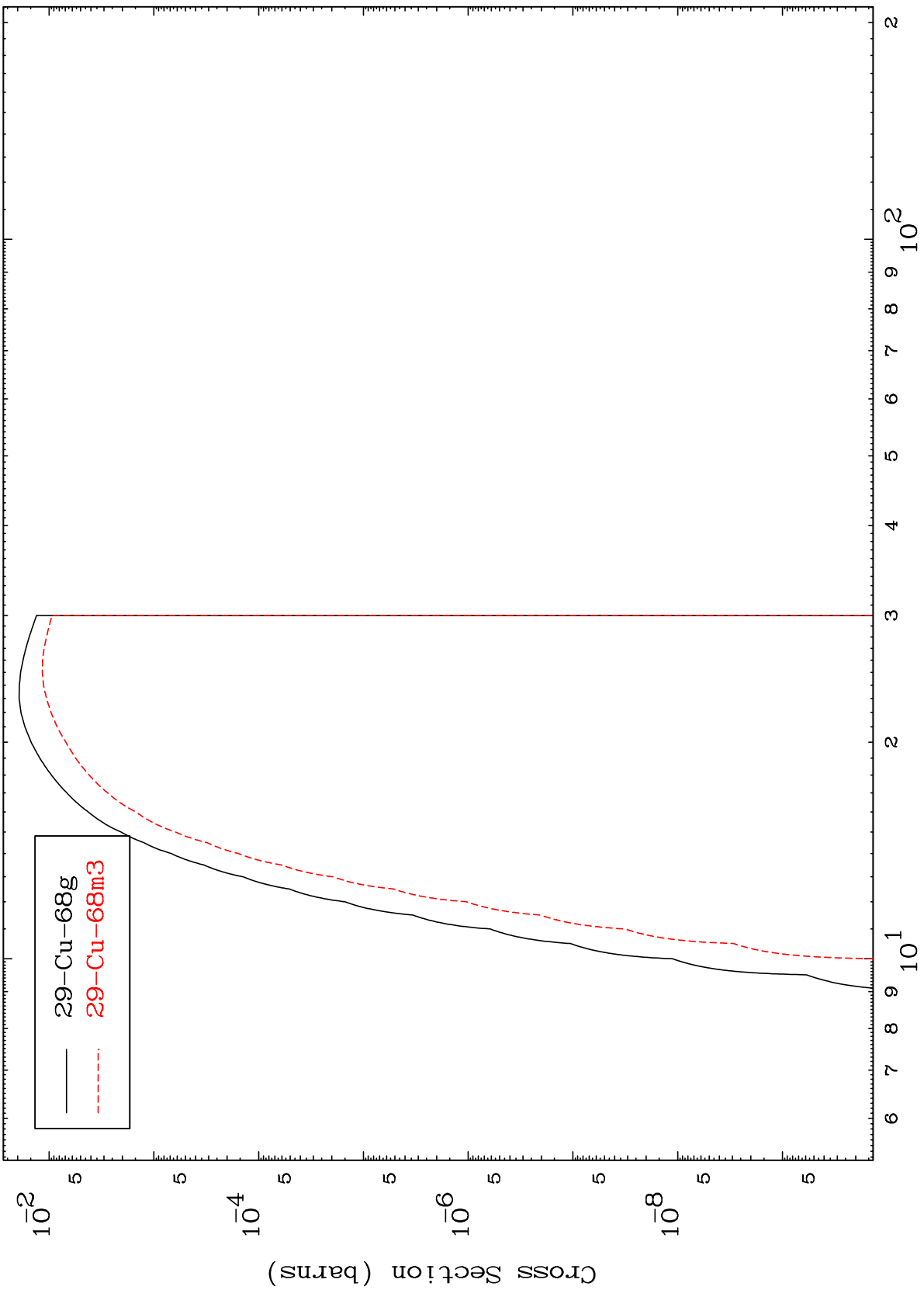
31-Ga-72

MAT 3134

(n, n') α

31-Ga-72

Radionuclide Production Cross Section



— 29-Cu-68g
- - - 29-Cu-68m3

115

Incident Energy (MeV)

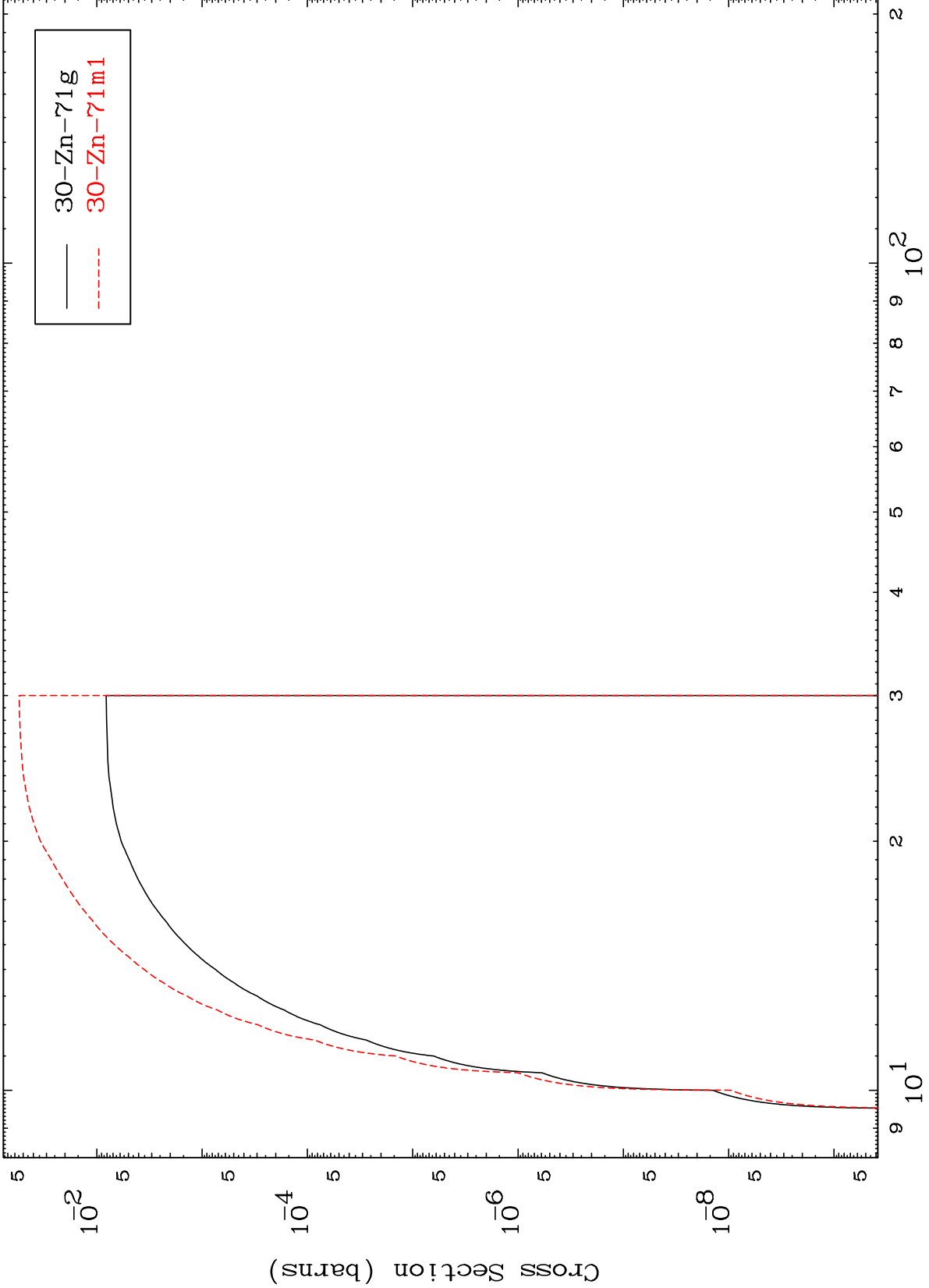
31-Ga-72

MAT 3134

(n,n') p

31-Ga-72

Radionuclide Production Cross Section



116

Incident Energy (MeV)

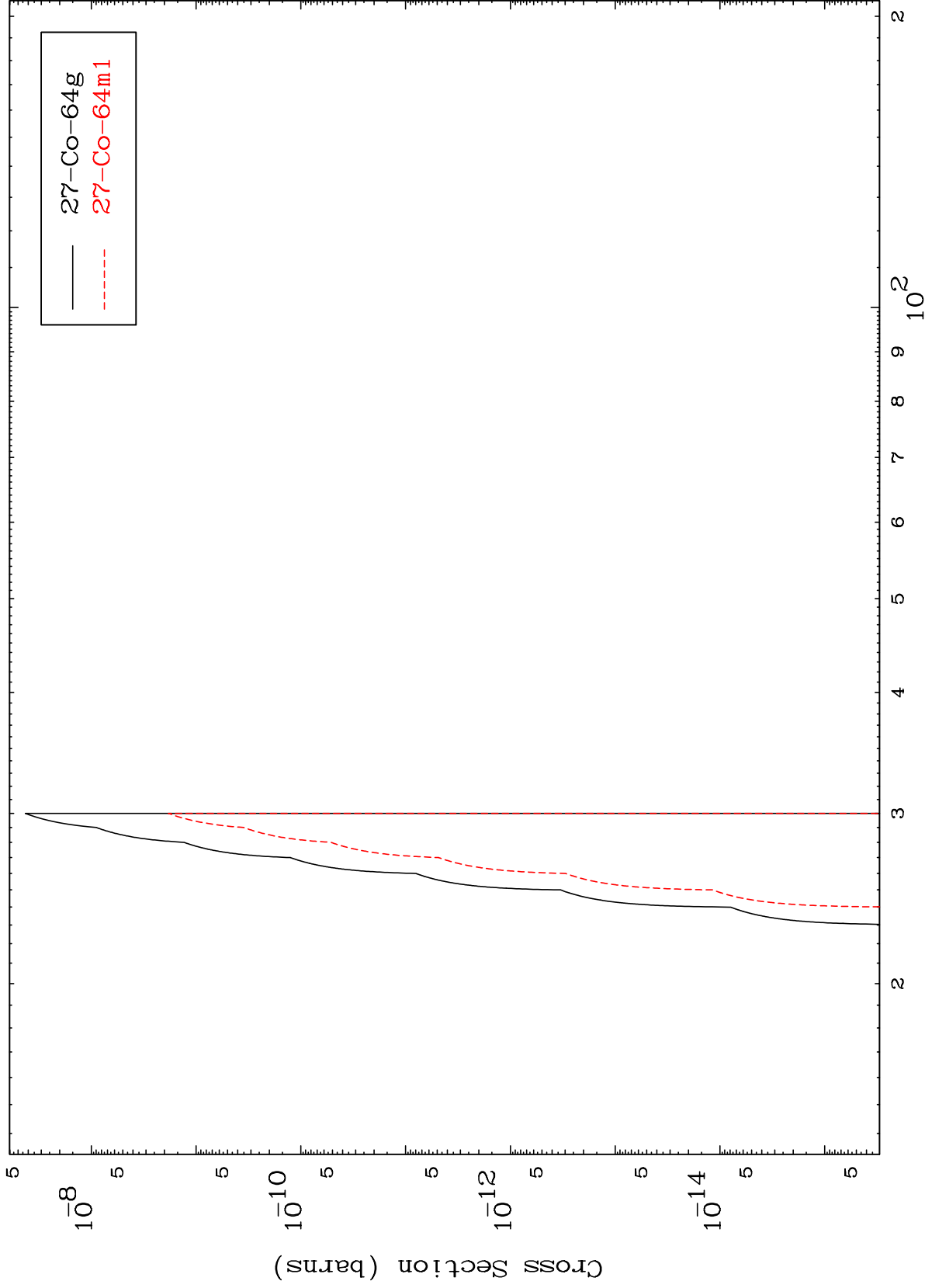
31-Ga-72

MAT 3134

(n,n') 2 α

31-Ga-72

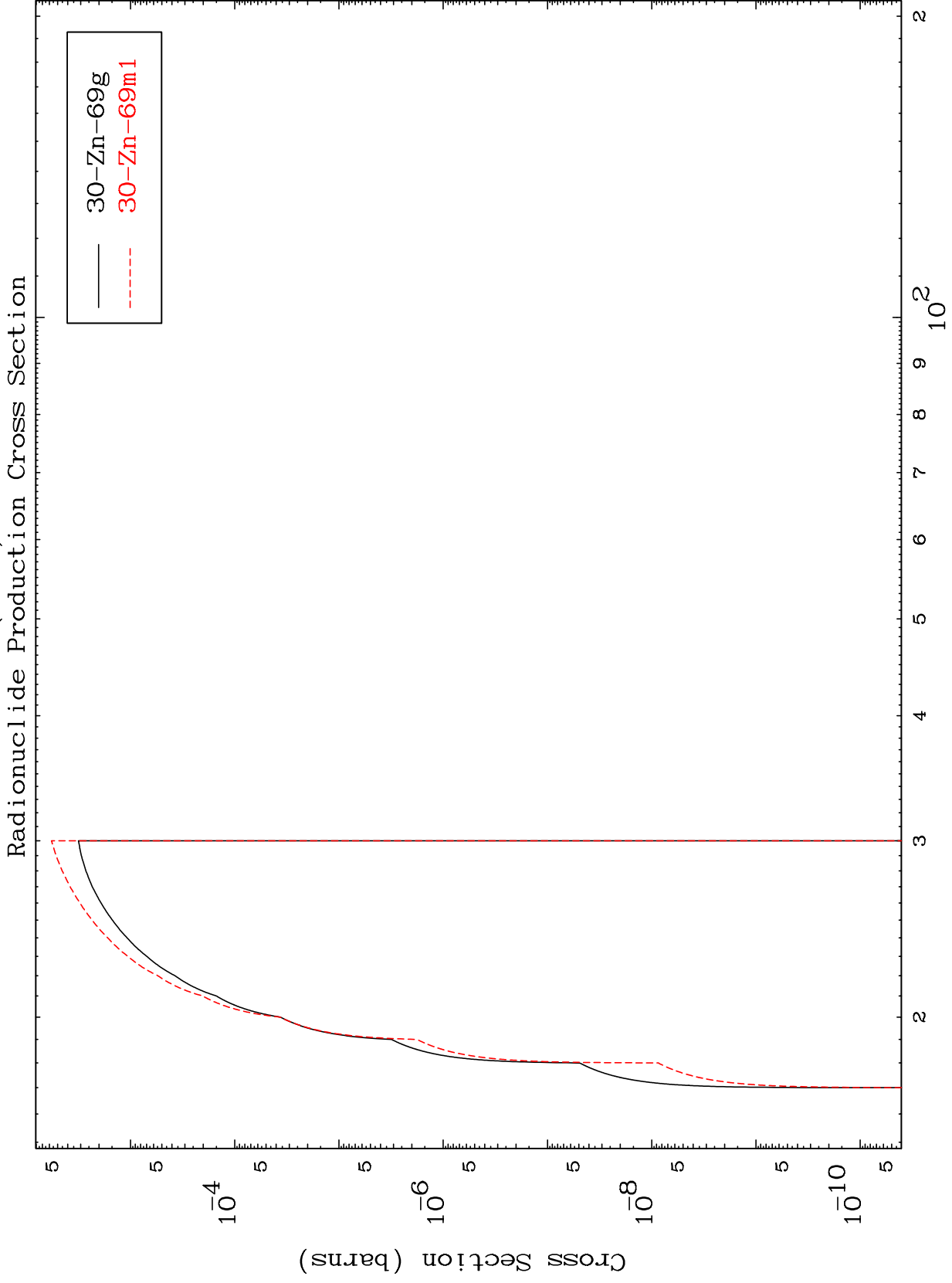
Radionuclide Production Cross Section



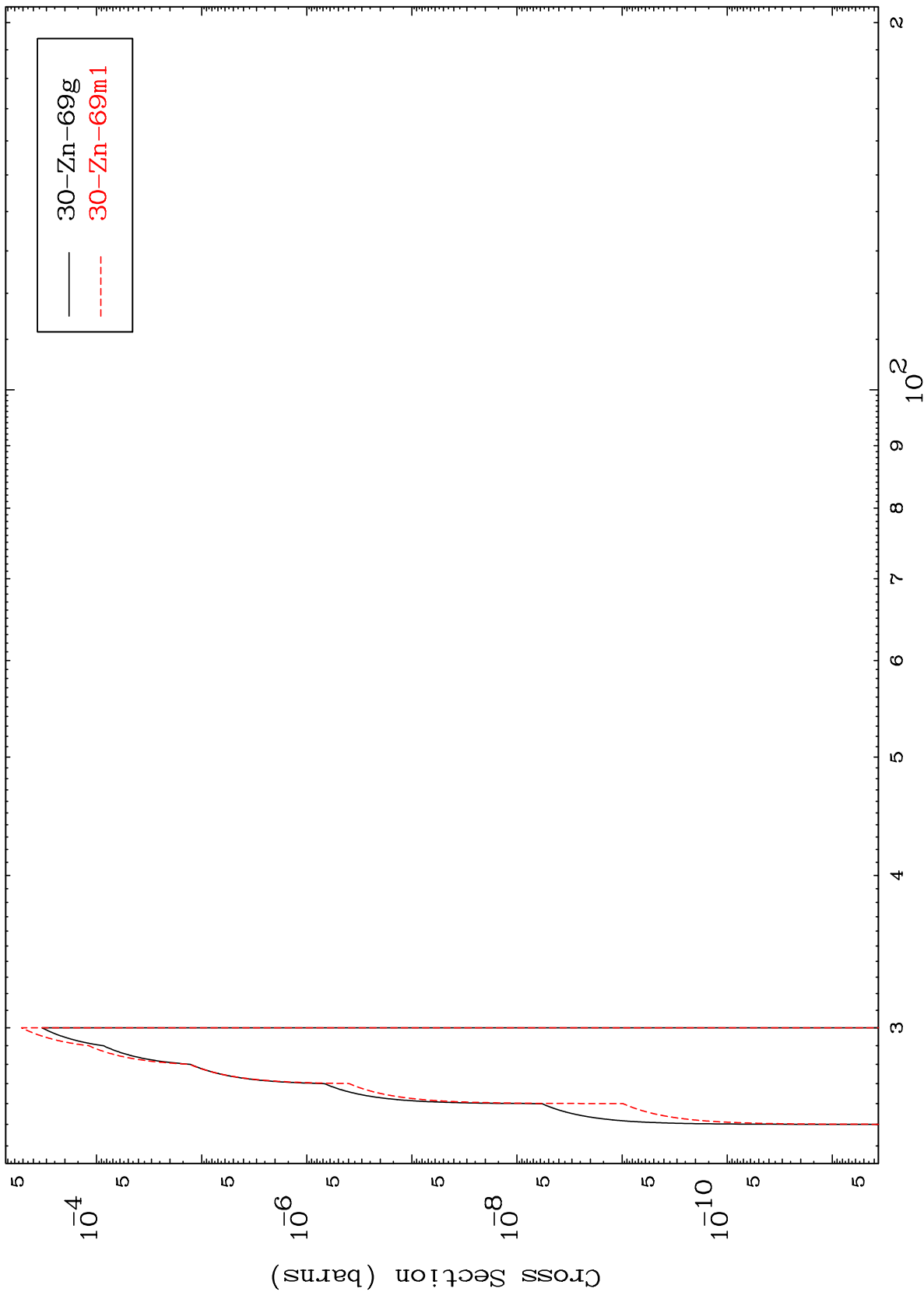
117

Incident Energy (MeV)

31-Ga-72



Radionuclide Production Cross Section

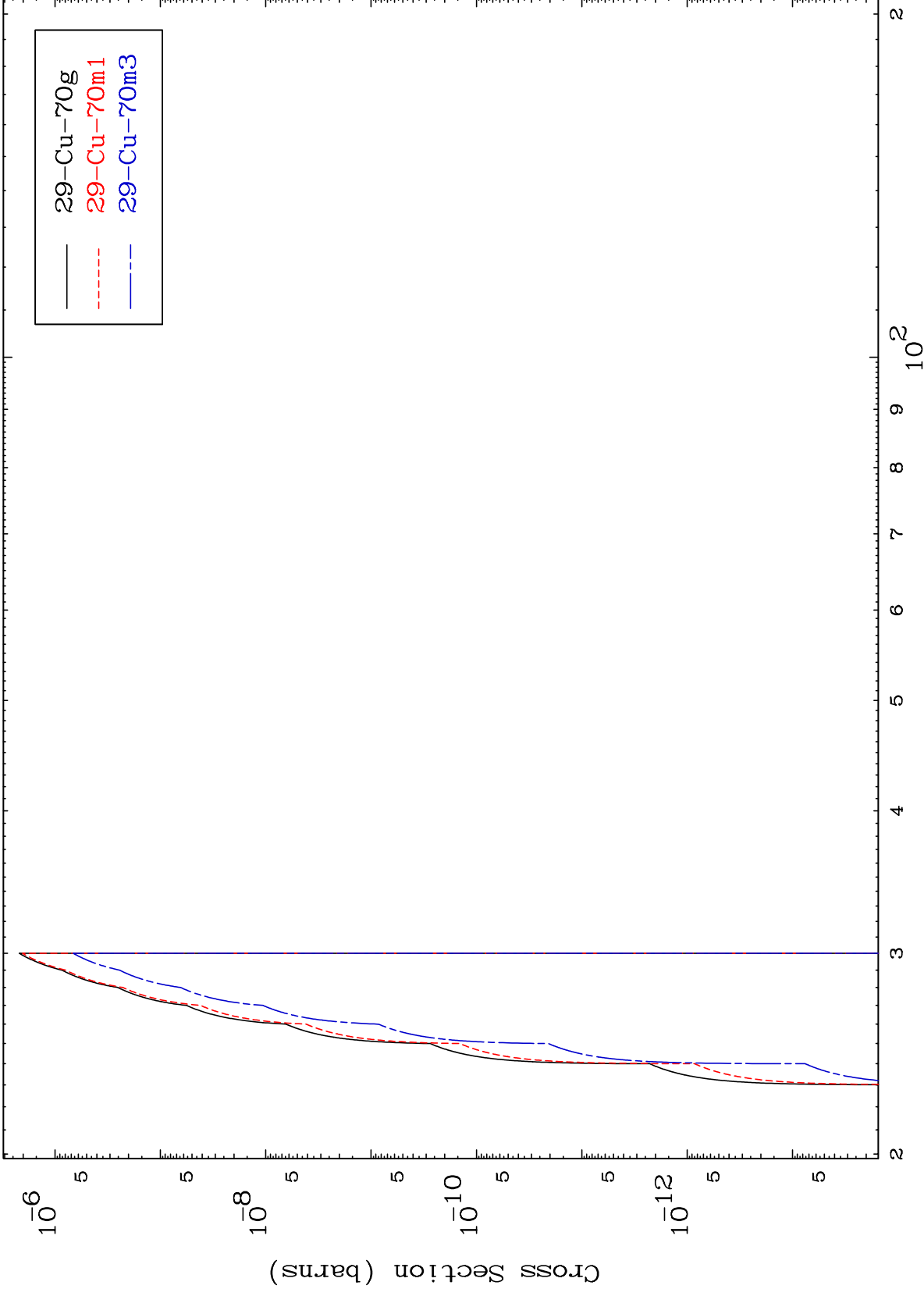


MAT 3134

(n,2n) p

31-Ga-72

Radionuclide Production Cross Section



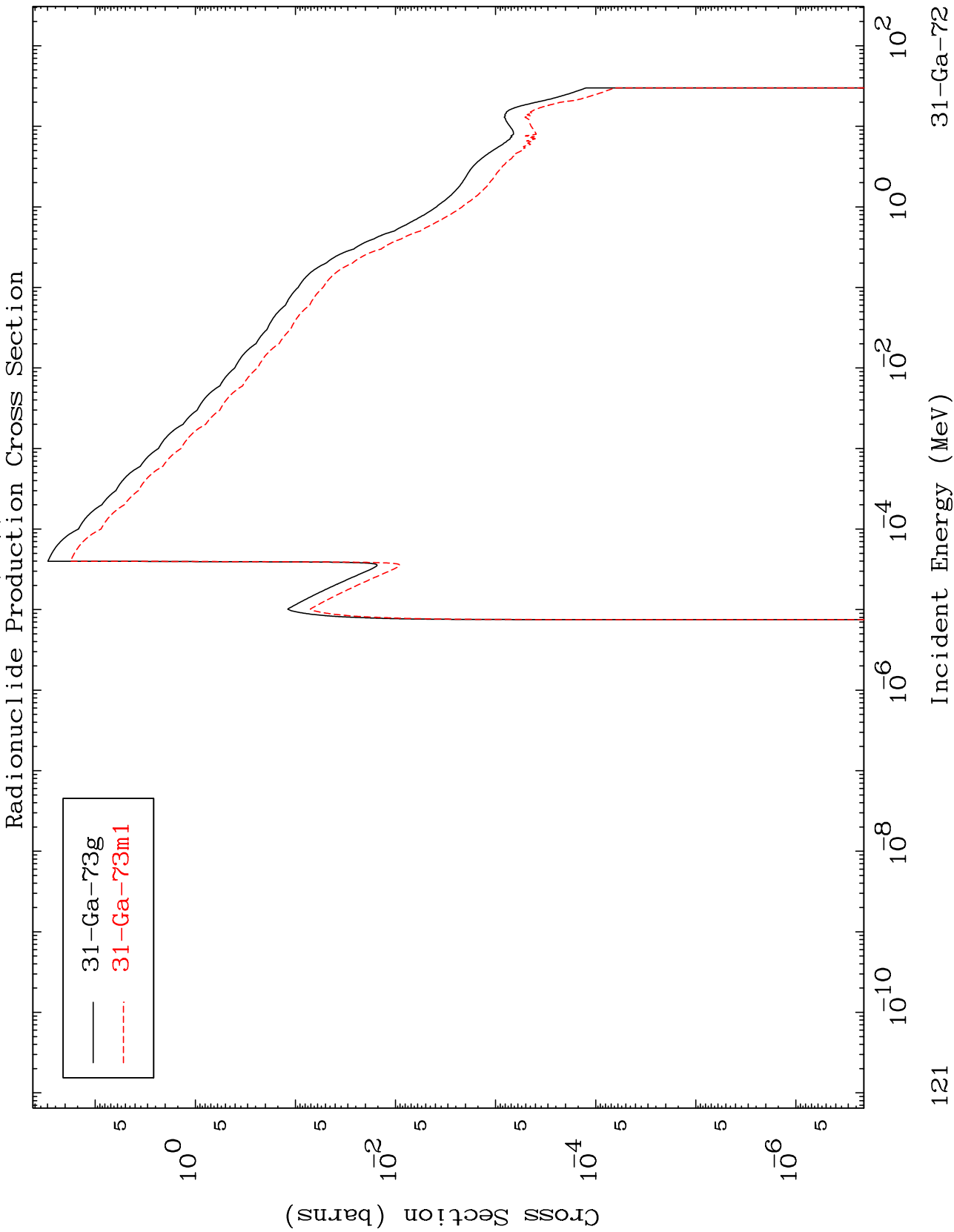
120

Incident Energy (MeV)

31-Ga-72

MAT 3134

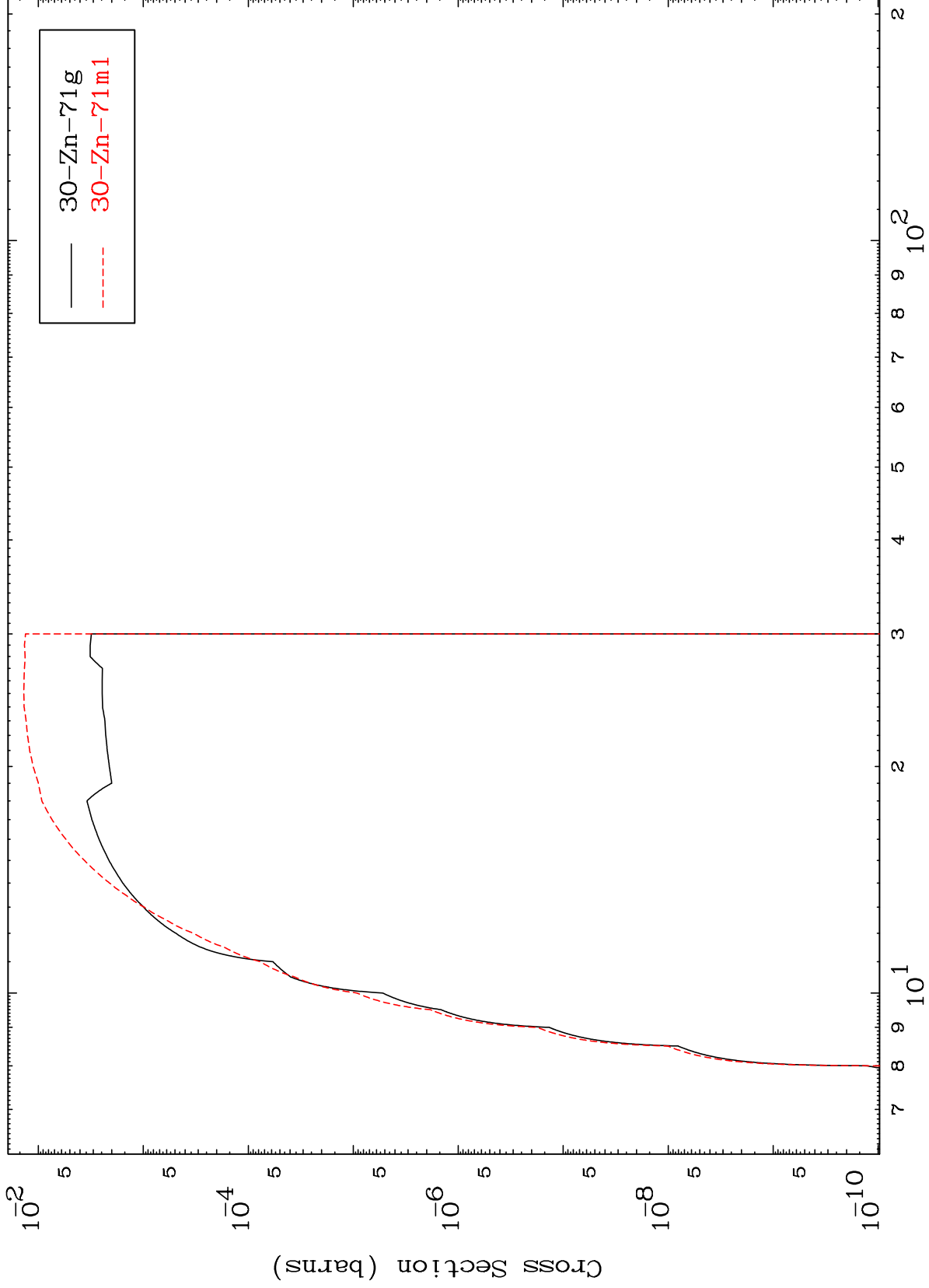
31-Ga-72



MAT 3134

31-Ga-72

(n,d)
Radionuclide Production Cross Section

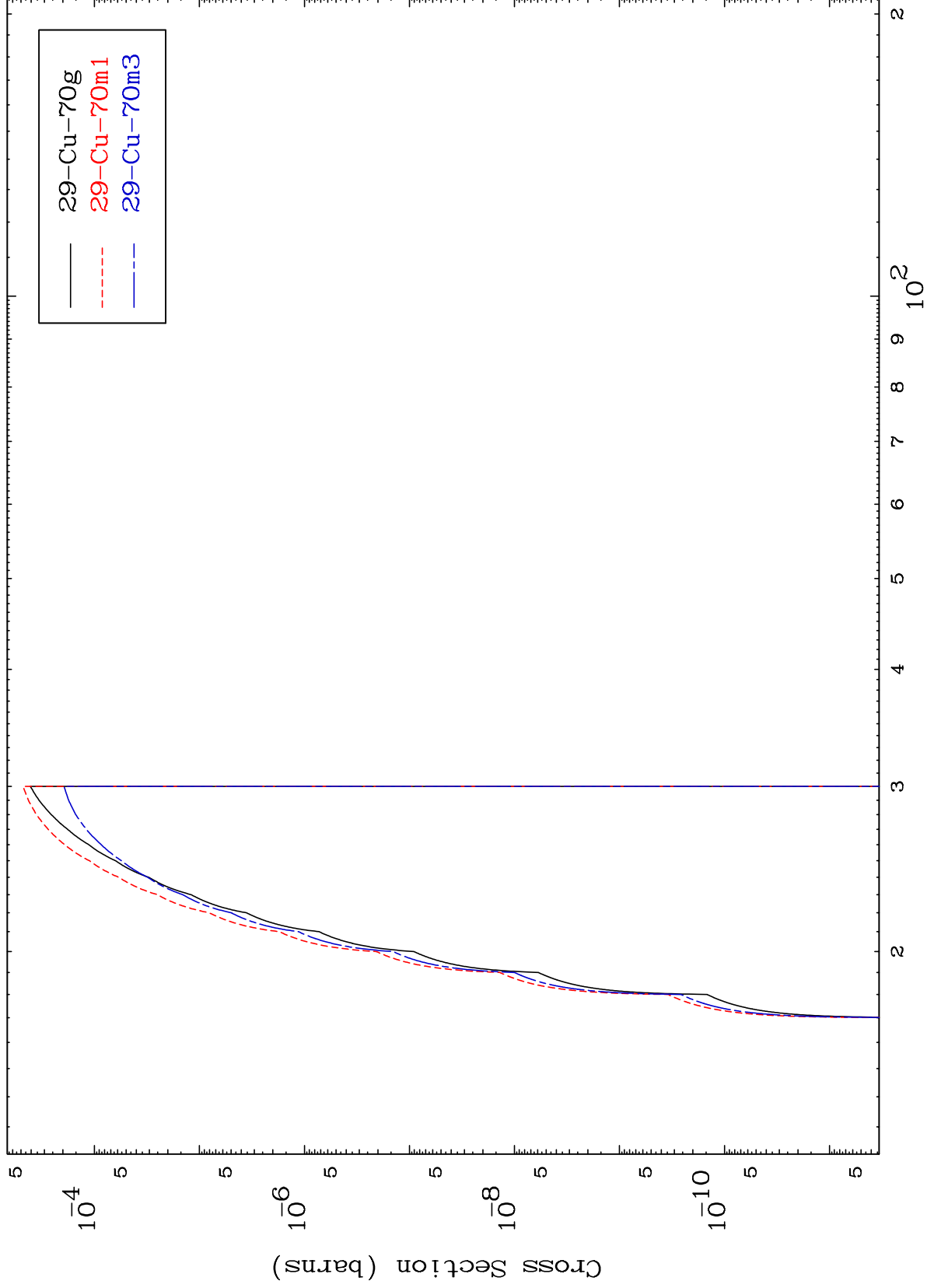


31-Ga-72

Incident Energy (MeV)

122

Radionuclide Production Cross Section



Radionuclide Production Cross Section

