

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

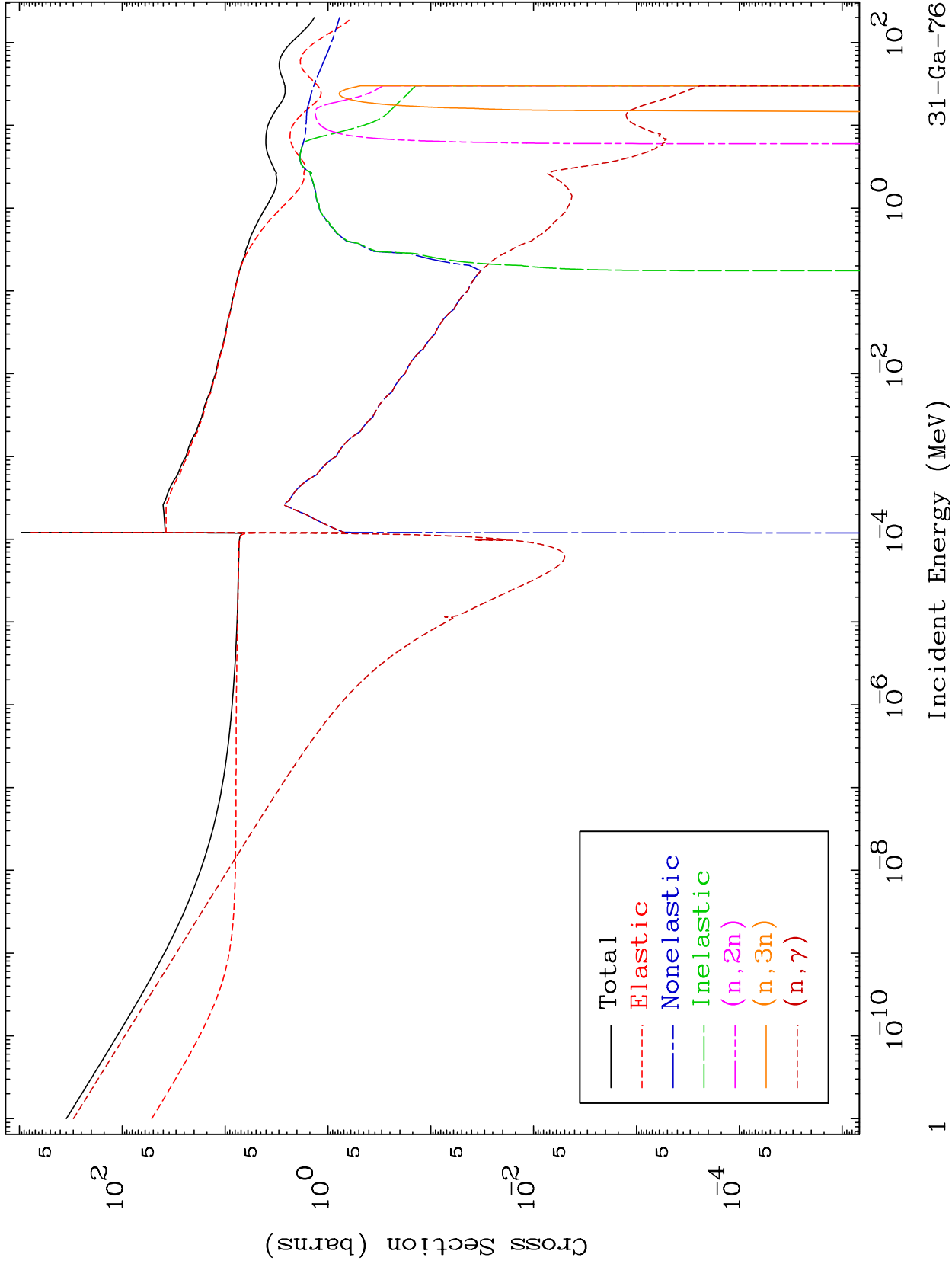
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3146

Neutron Major
293 Kelvin Cross Sections

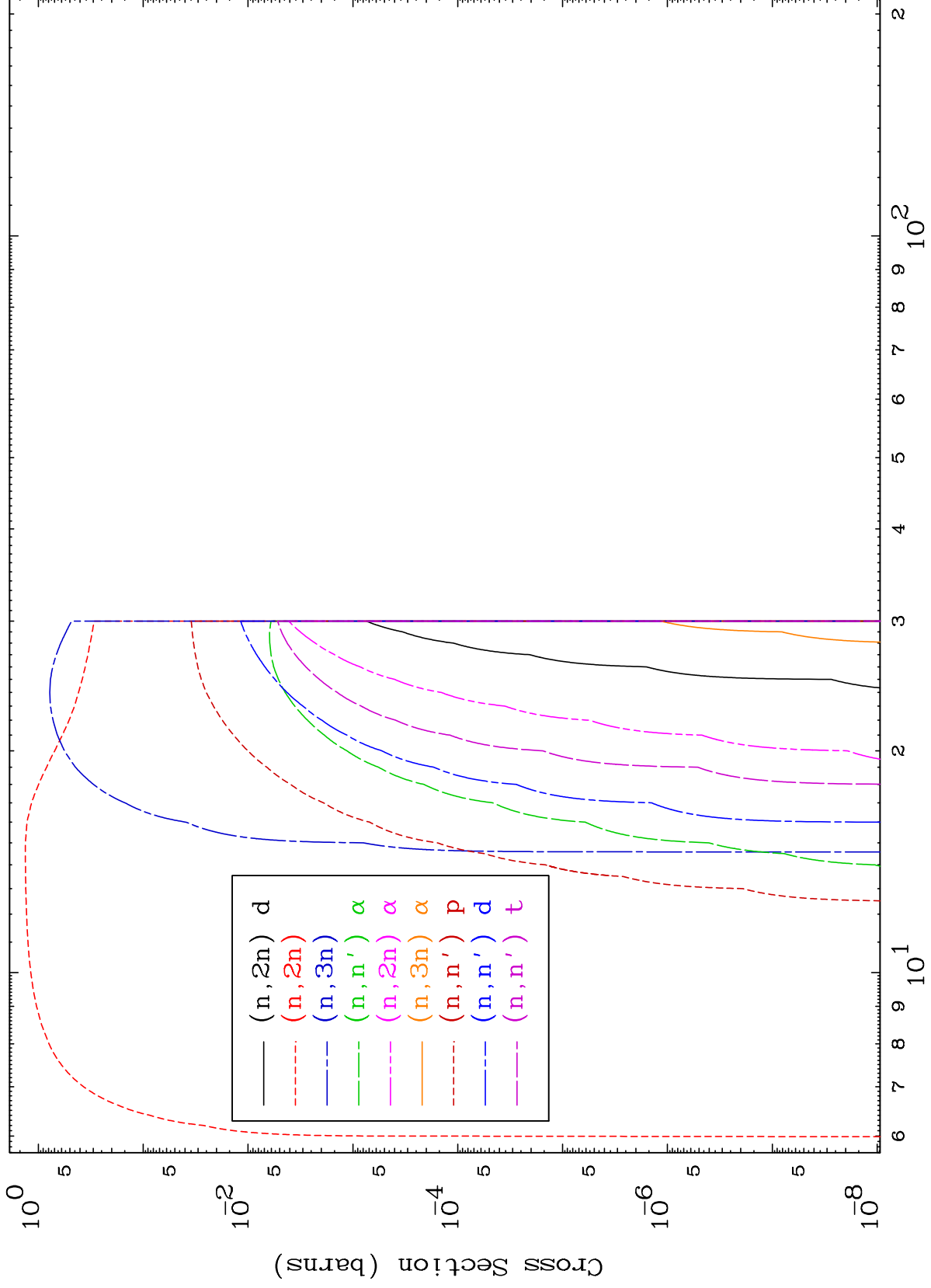
31-Ga-76



MAT 3146

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-76



2

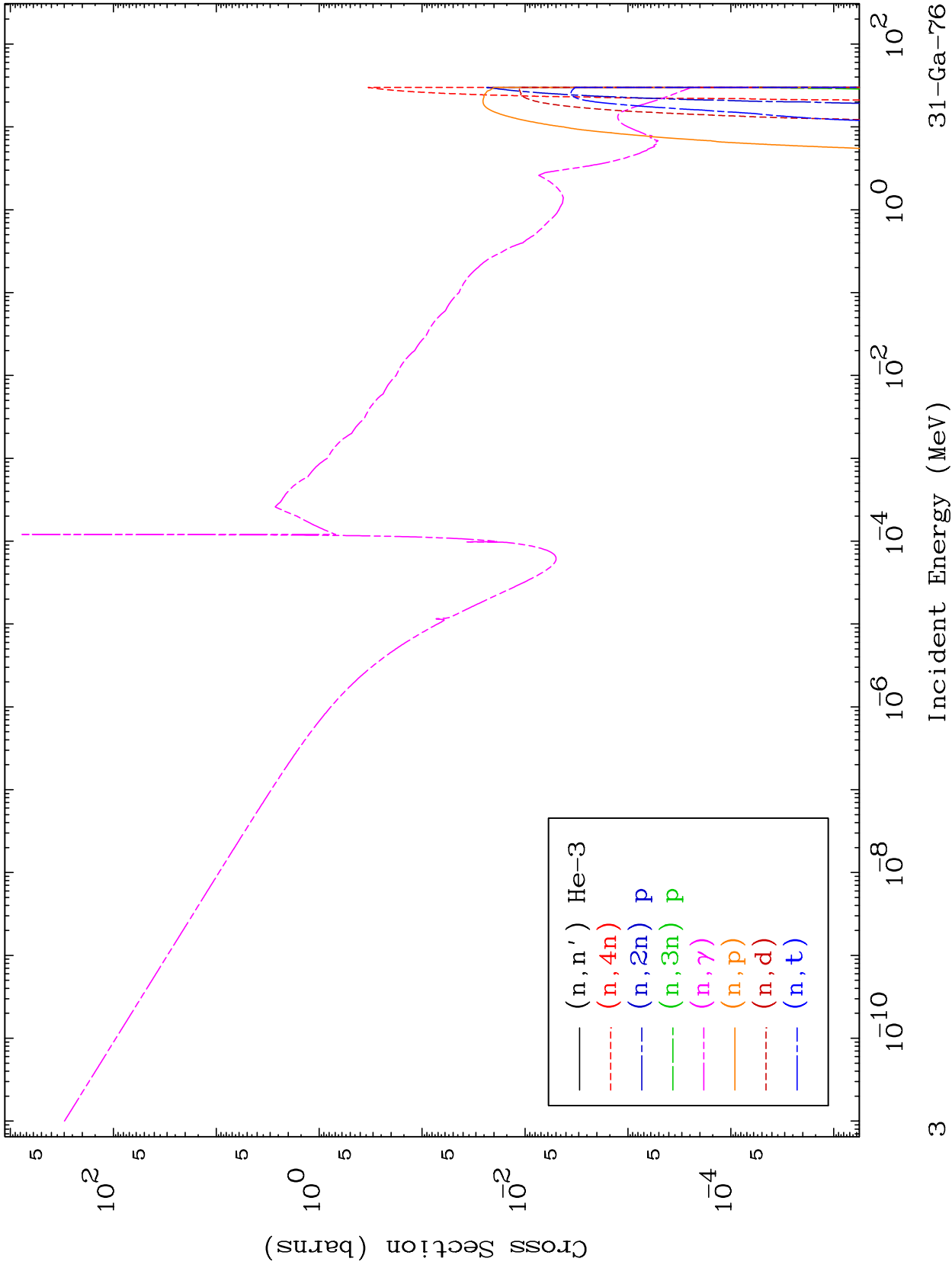
Incident Energy (MeV)

31-Ga-76

MAT 3146

Neutron Absorption
293 Kelvin Cross Sections

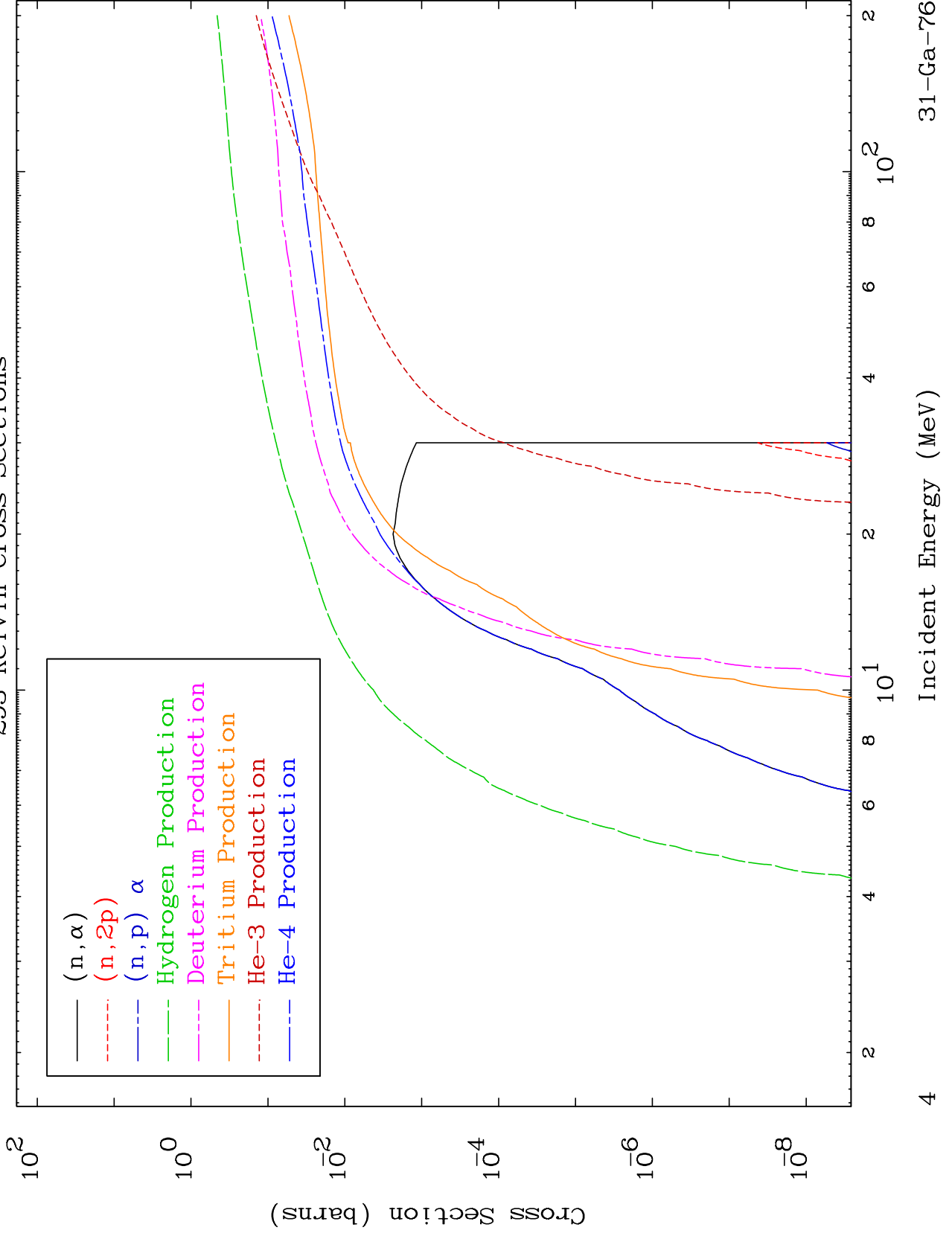
31-Ga-76



MAT 3146

Neutron Absorption
293 Kelvin Cross Sections

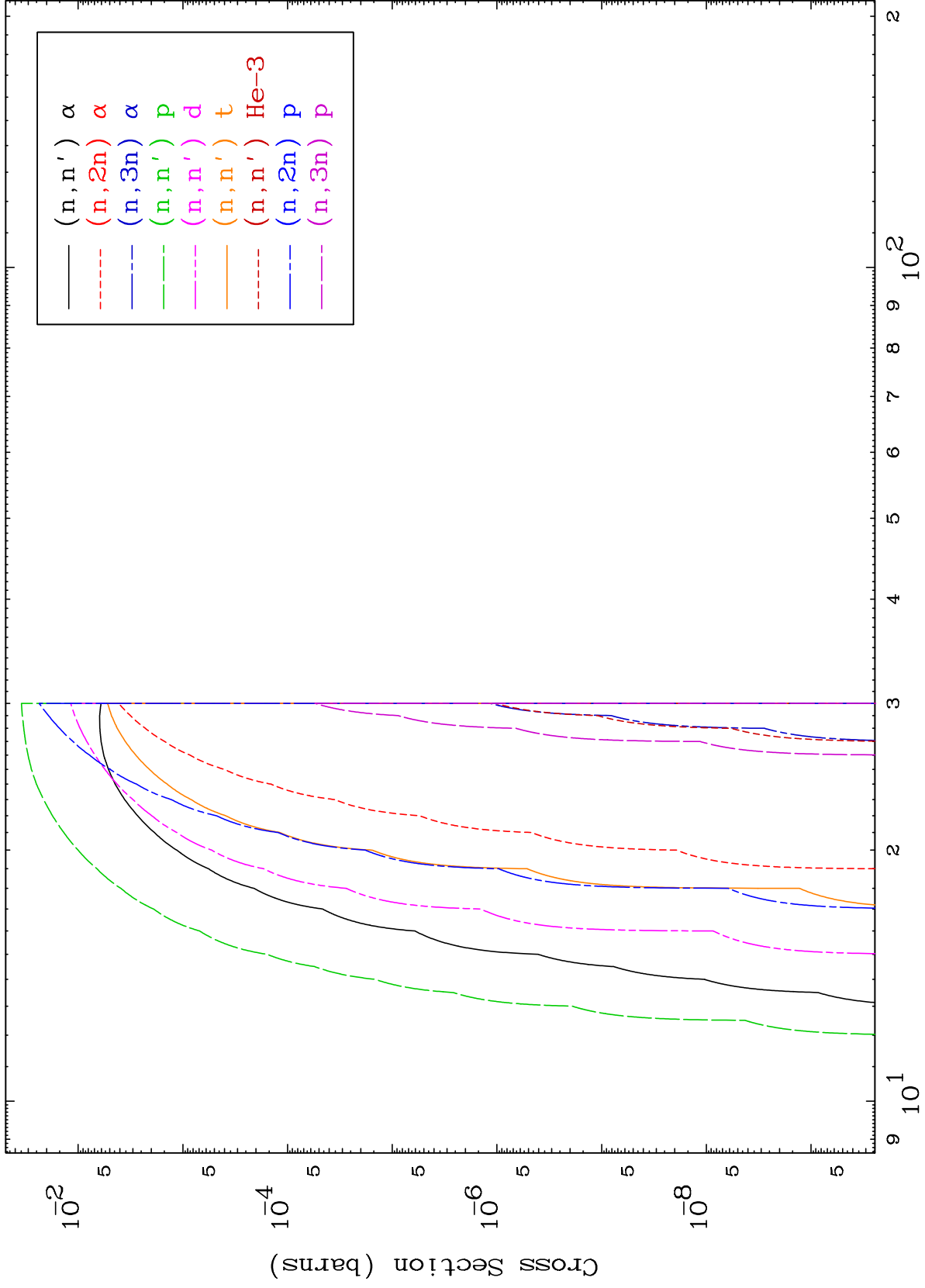
31-Ga-76



MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



Incident Energy (MeV)

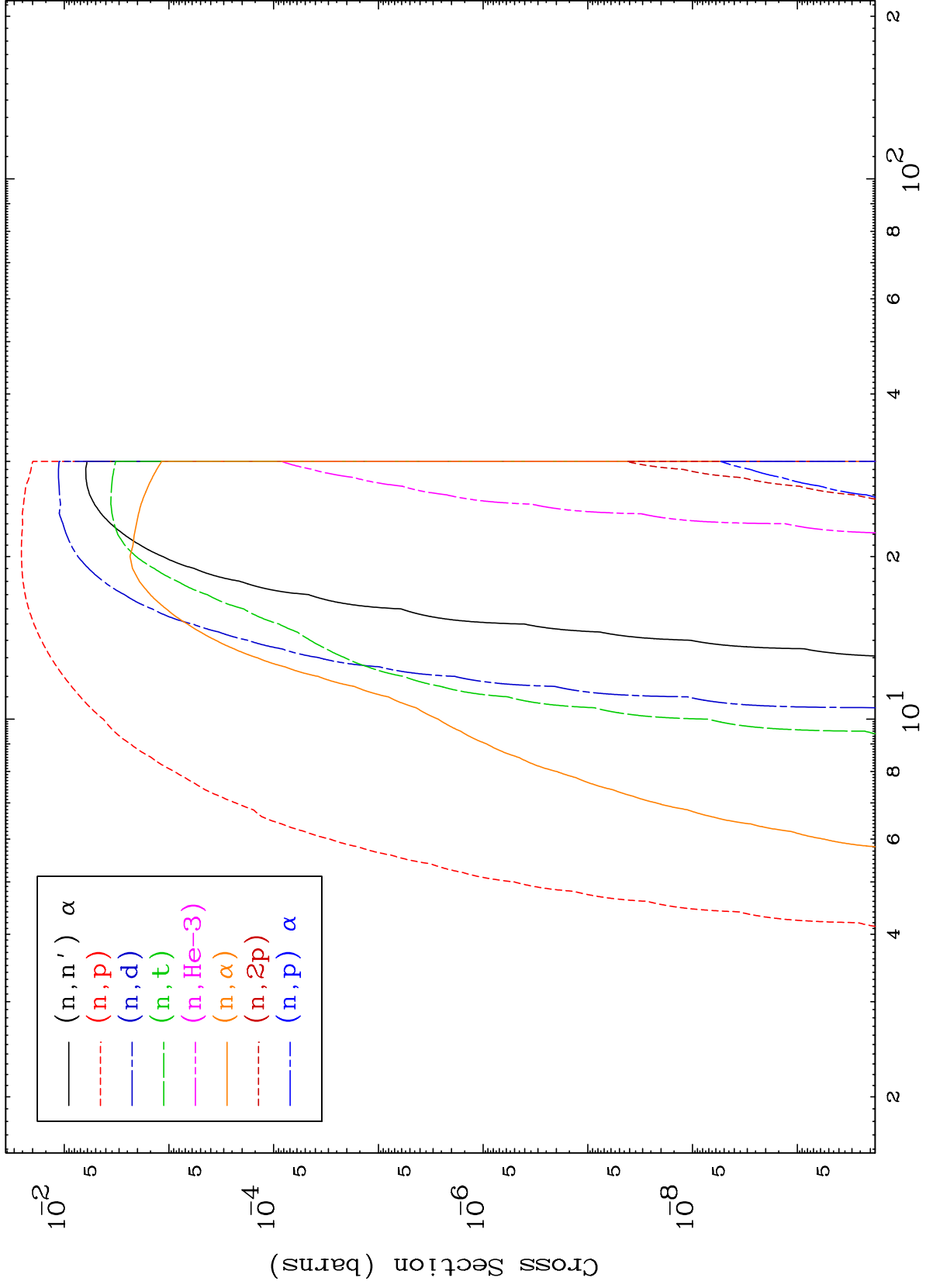
31-Ga-76

5

MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



6

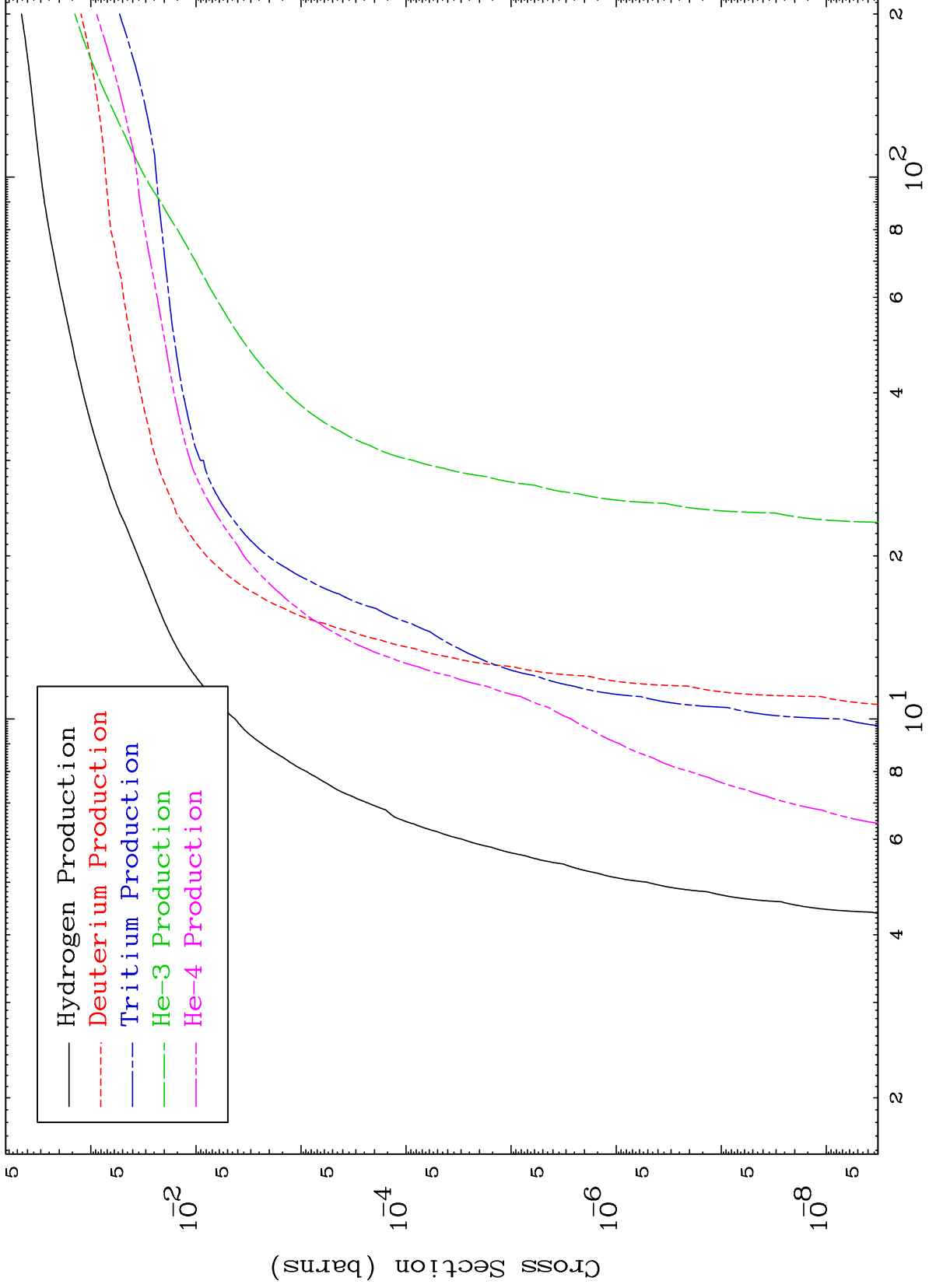
Incident Energy (MeV)

31-Ga-76

MAT 3146

Particle Production
293 Kelvin Cross Sections

31-Ga-76



7

31-Ga-76

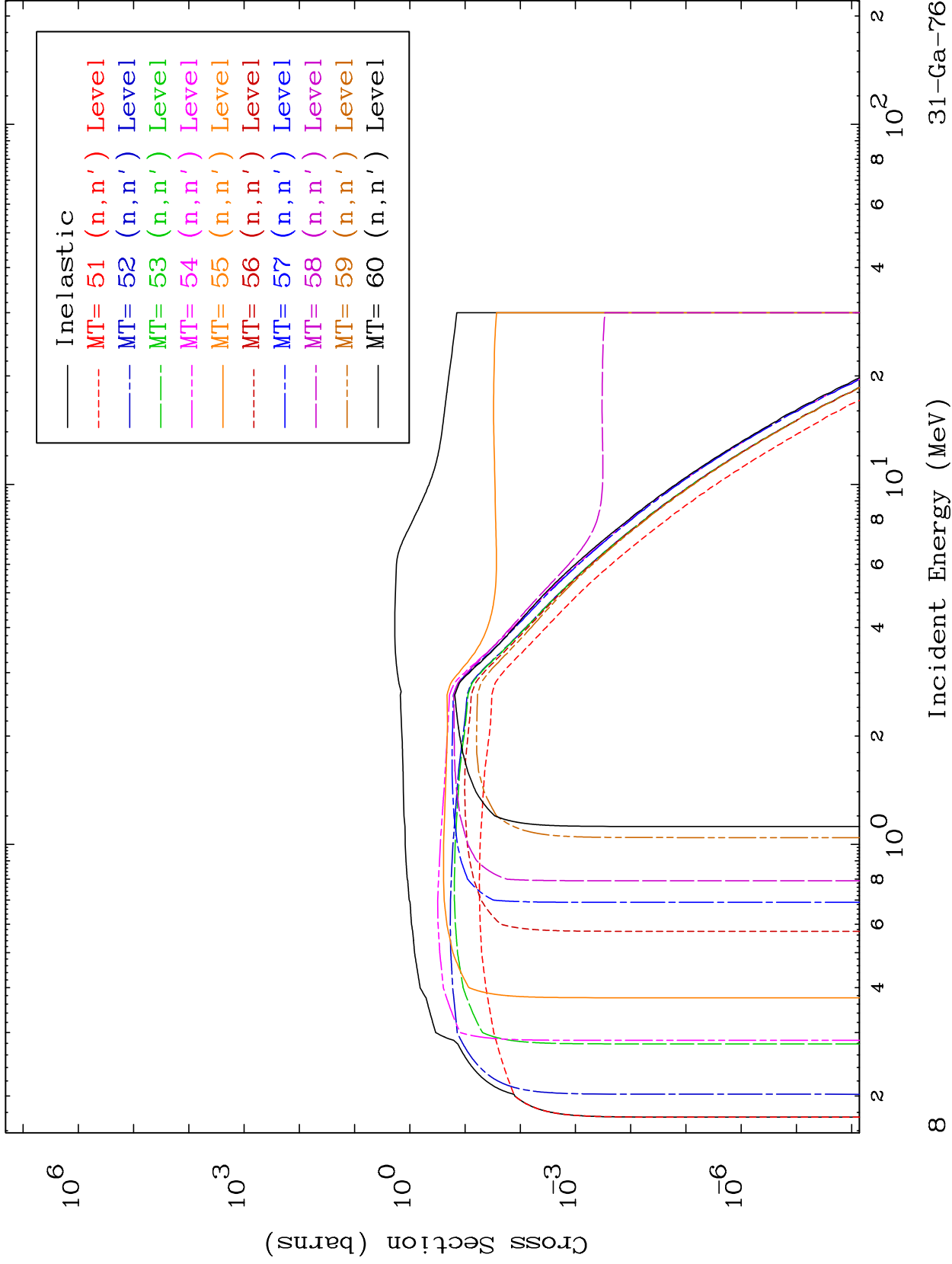
Incident Energy (MeV)

MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections

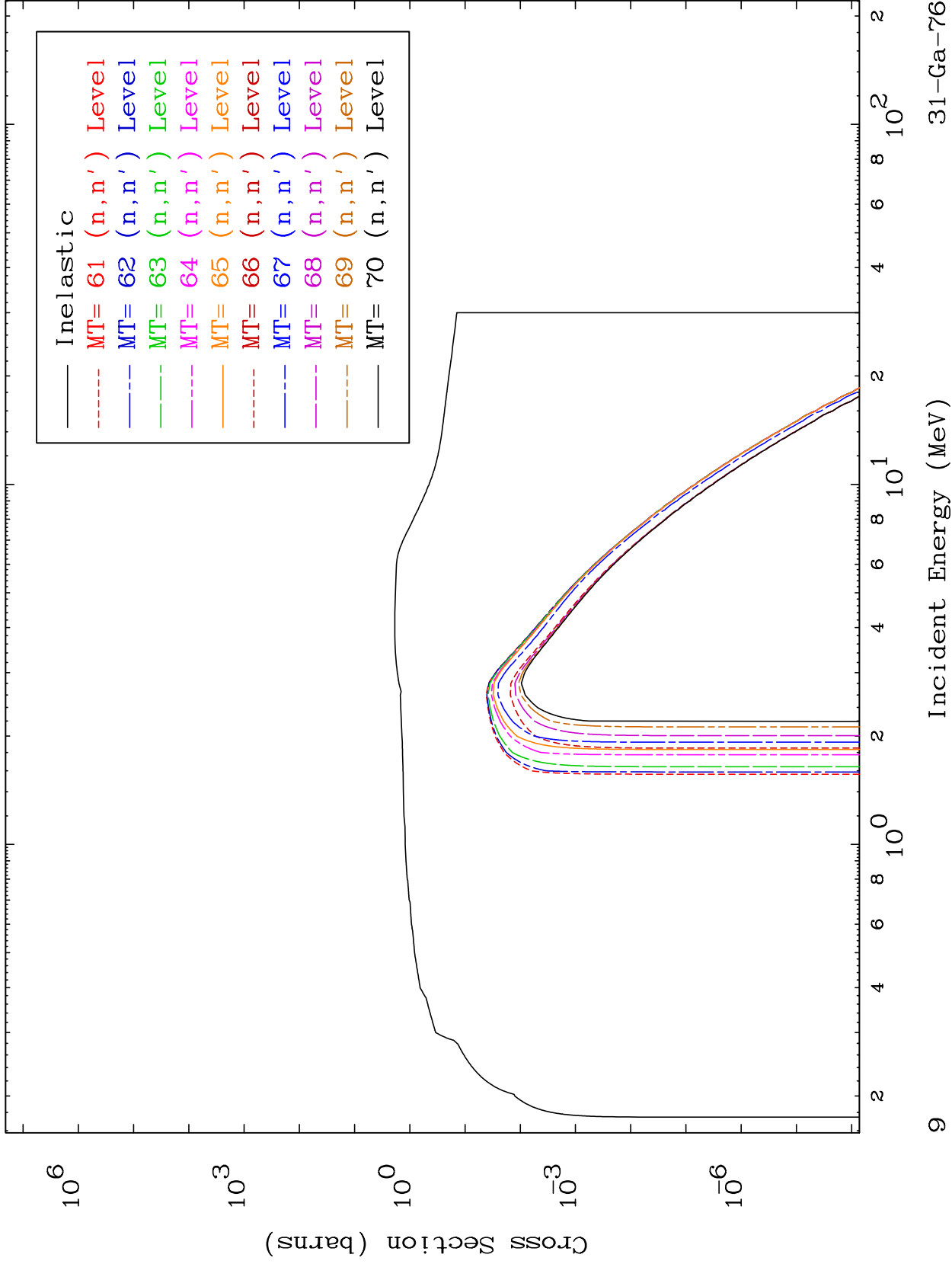


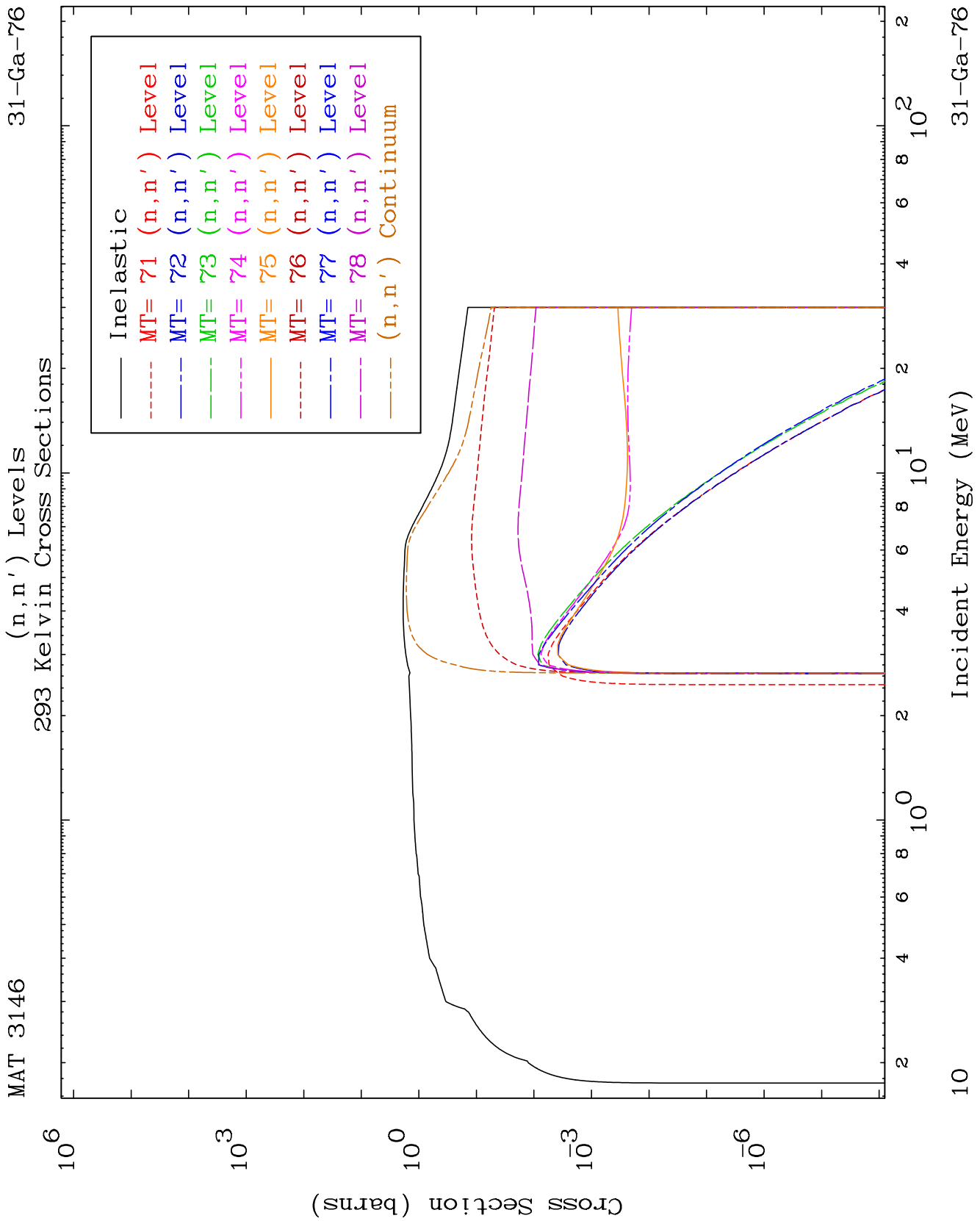
MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections

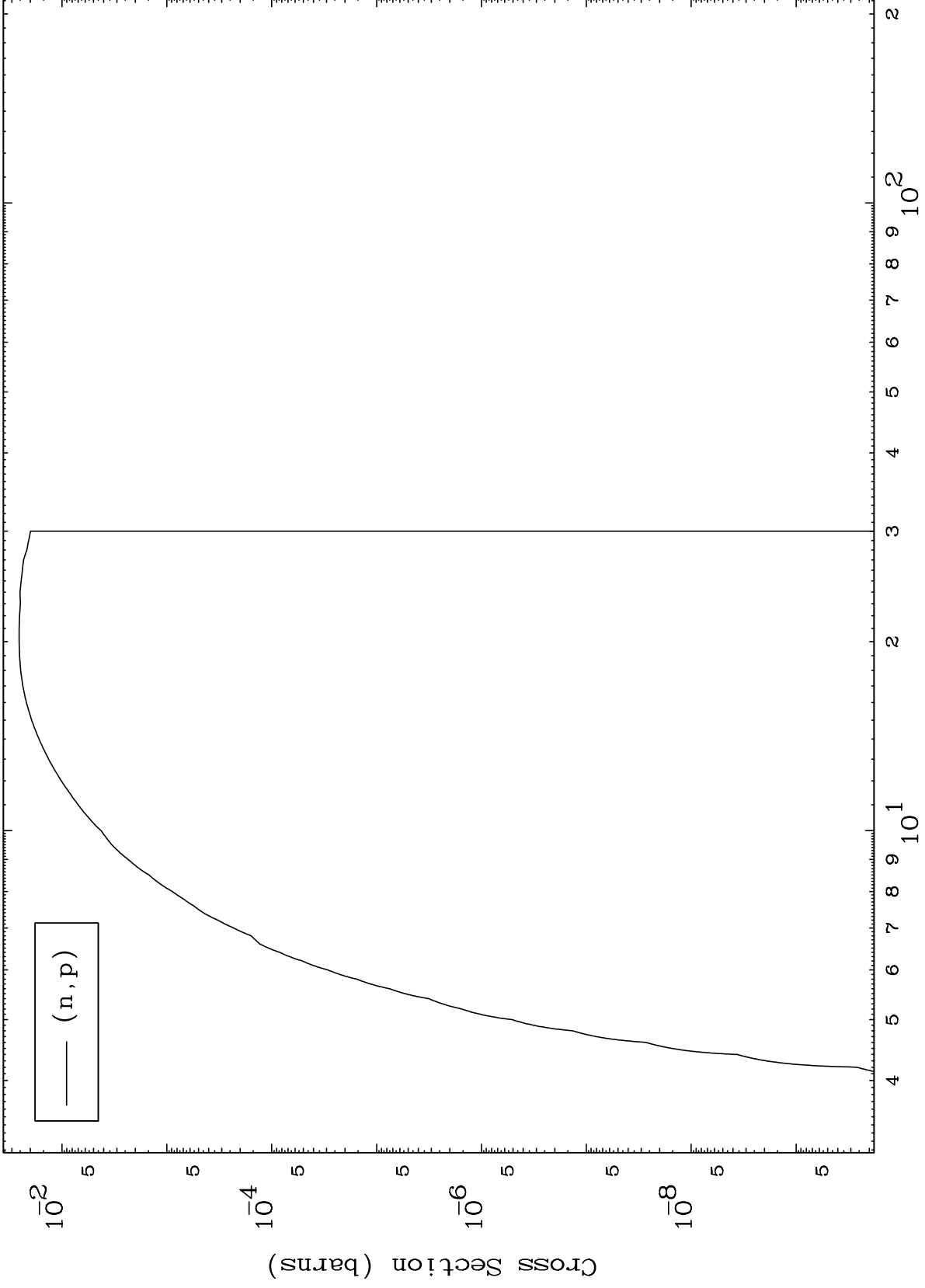




MAT 3146

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-76



11

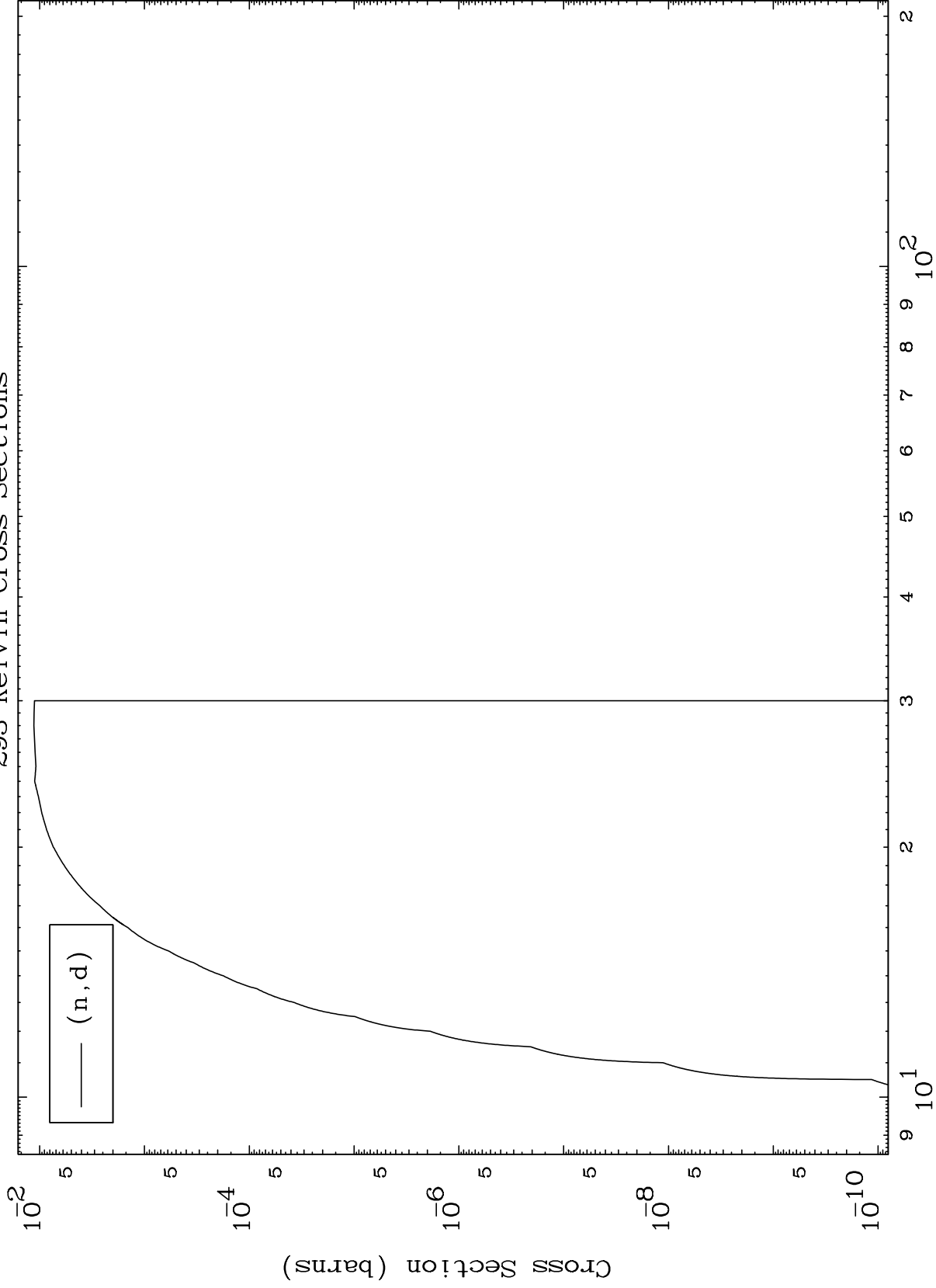
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-76



12

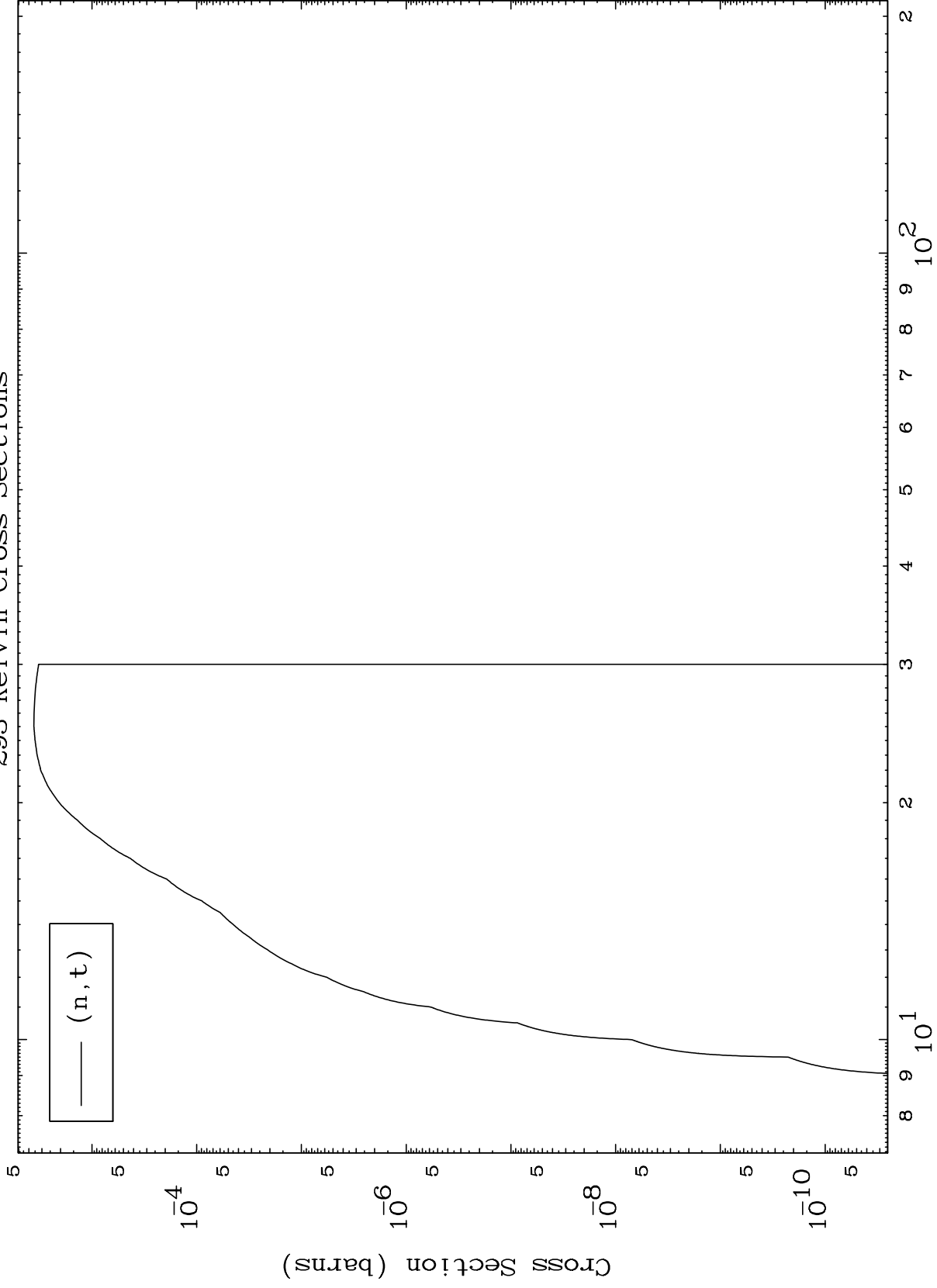
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-76



13

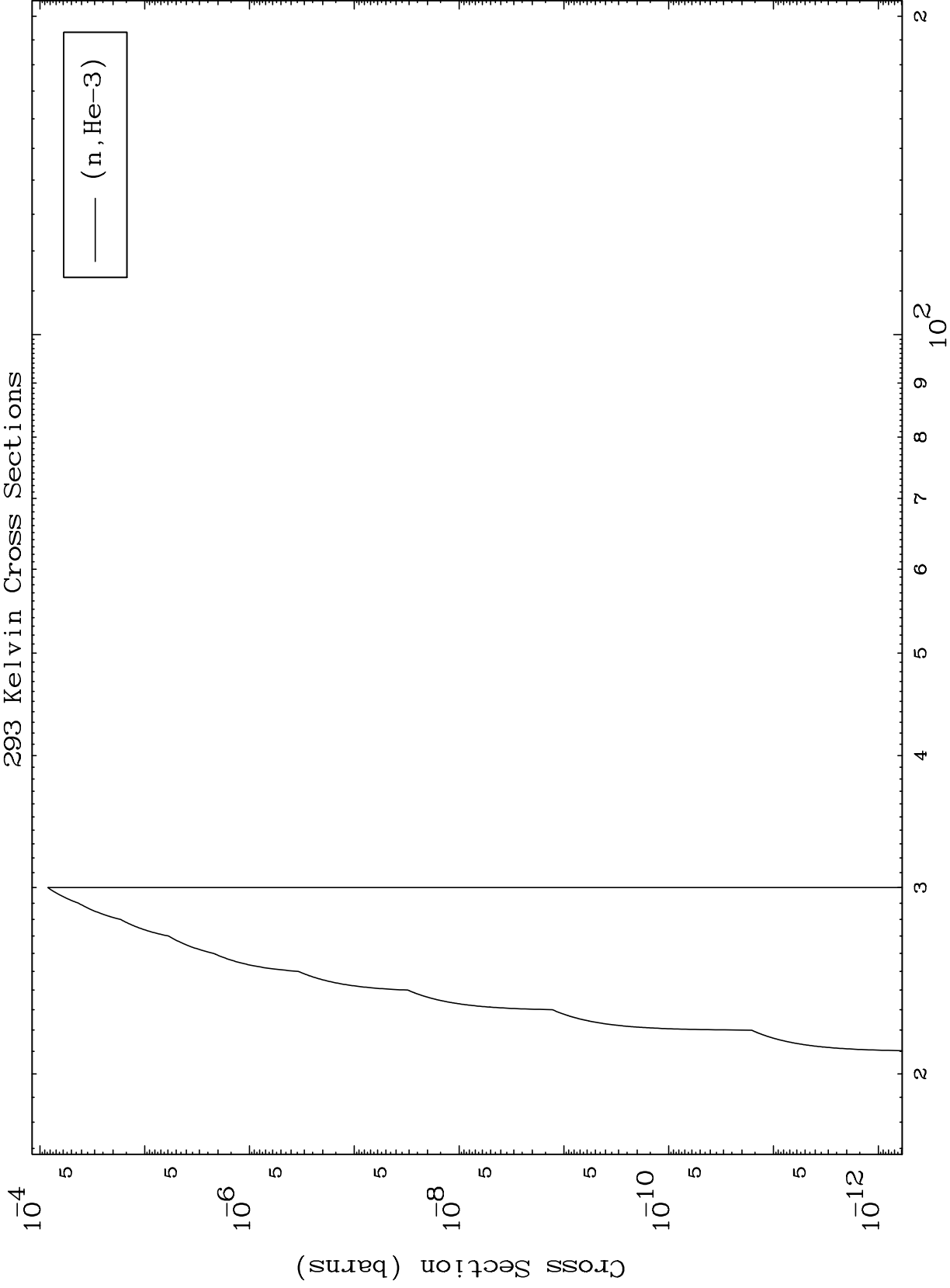
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-76



14

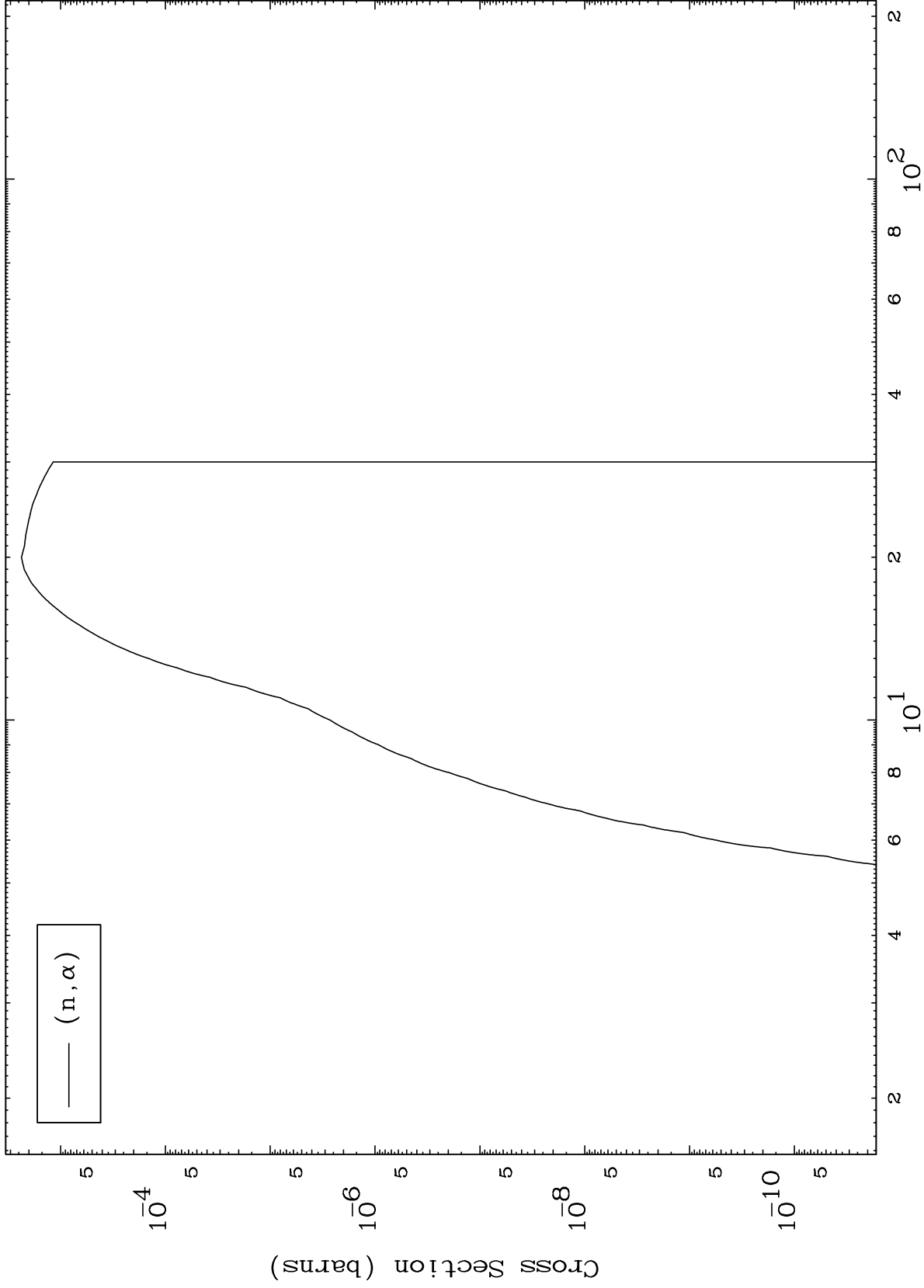
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n, α) Levels
293 Kelvin Cross Sections

31-Ga-76



15

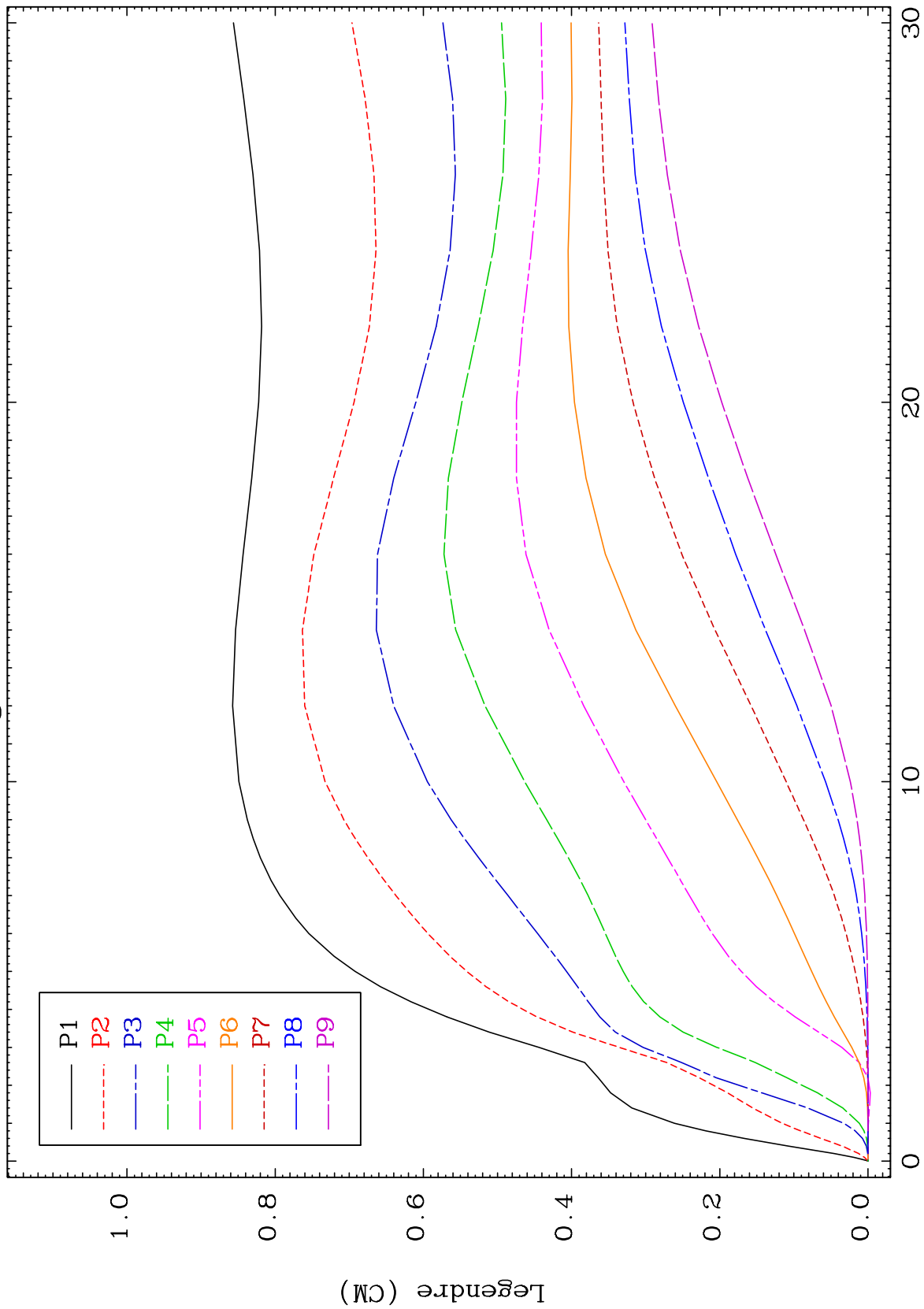
Incident Energy (MeV)

31-Ga-76

MAT 3146

Elastic Legendre Coefficients

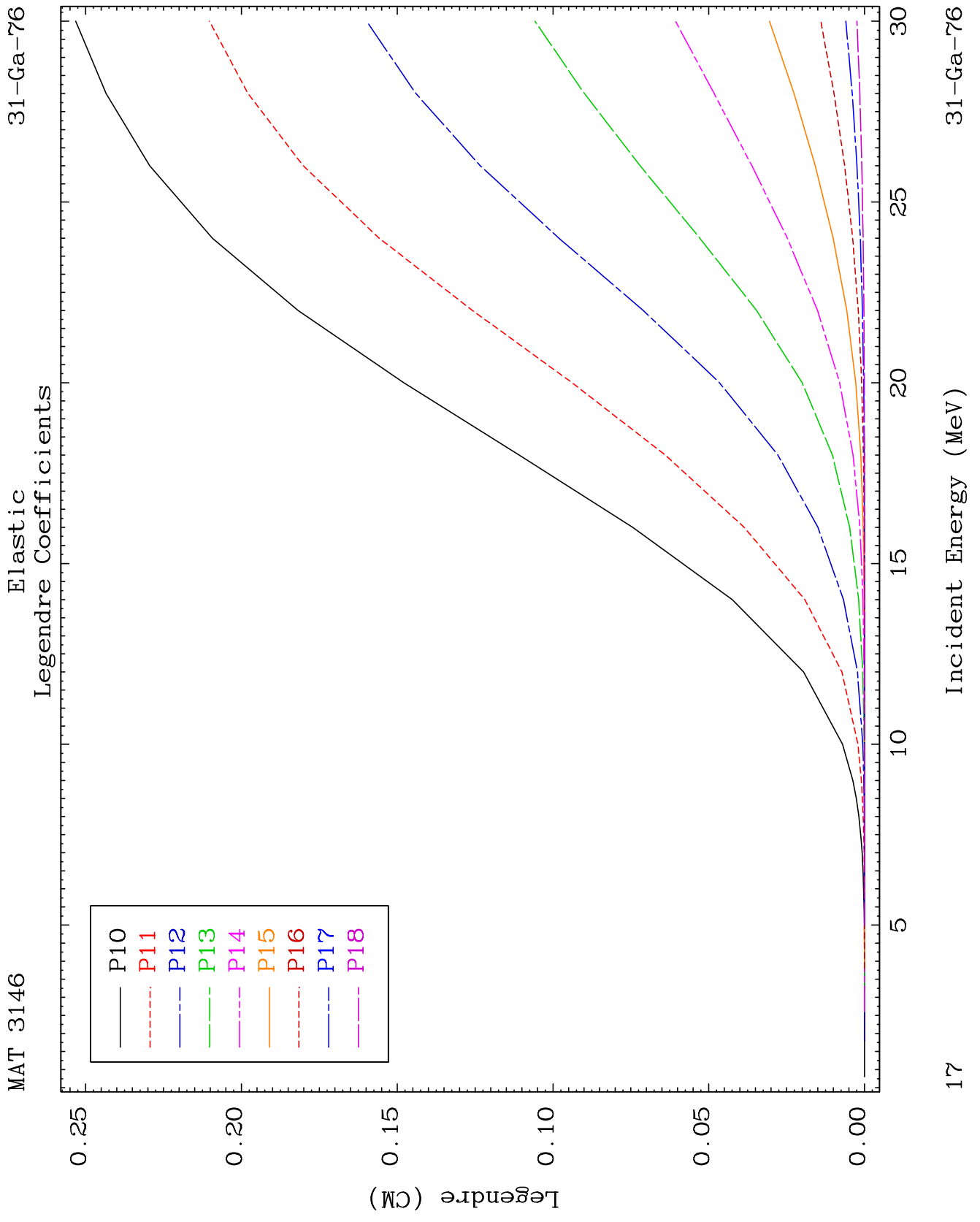
31-Ga-76



16

Incident Energy (MeV)

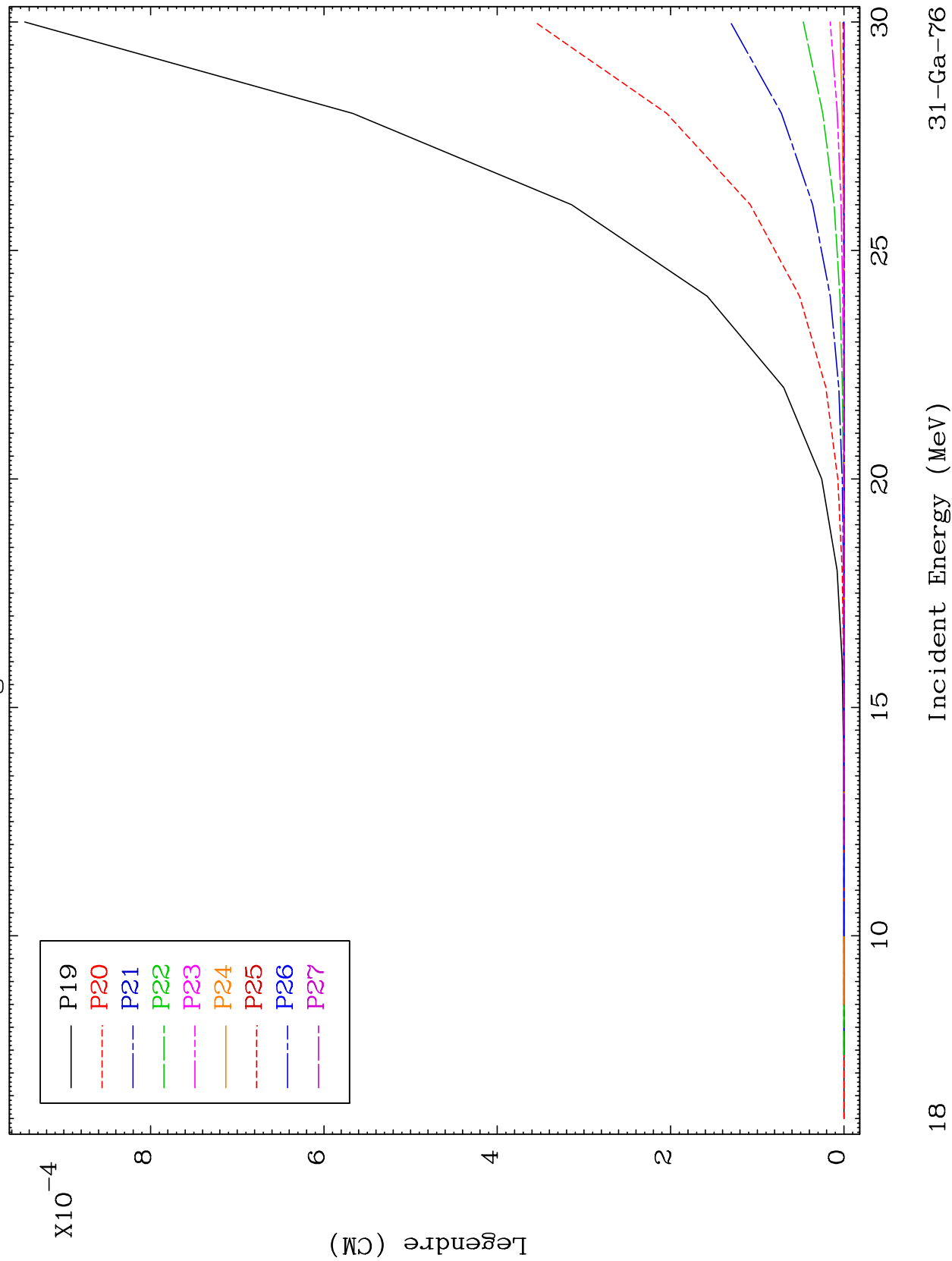
31-Ga-76



MAT 3146

Elastic
Legendre Coefficients

31-Ga-76



18

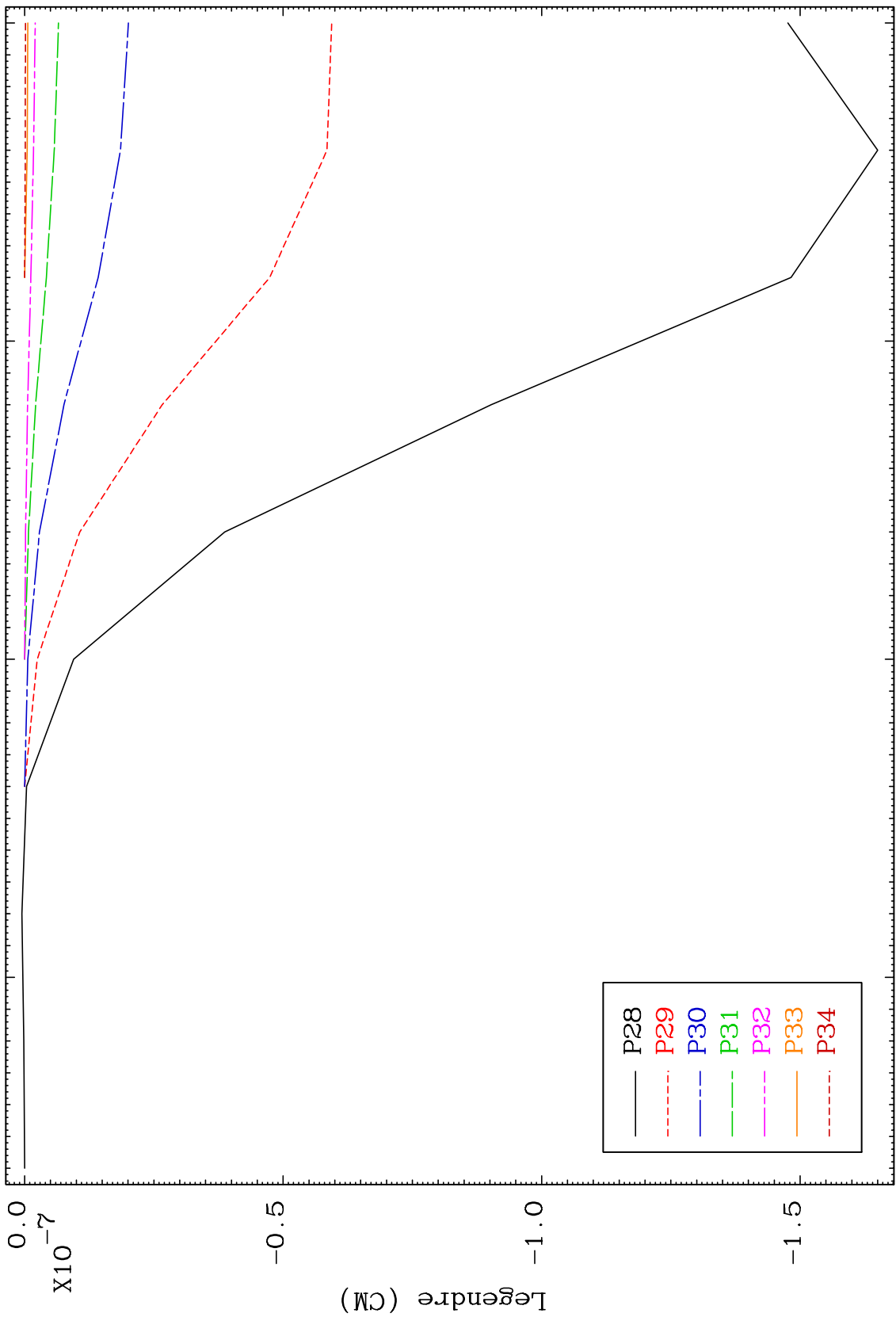
Incident Energy (MeV)

31-Ga-76

MAT 3146

31-Ga-76

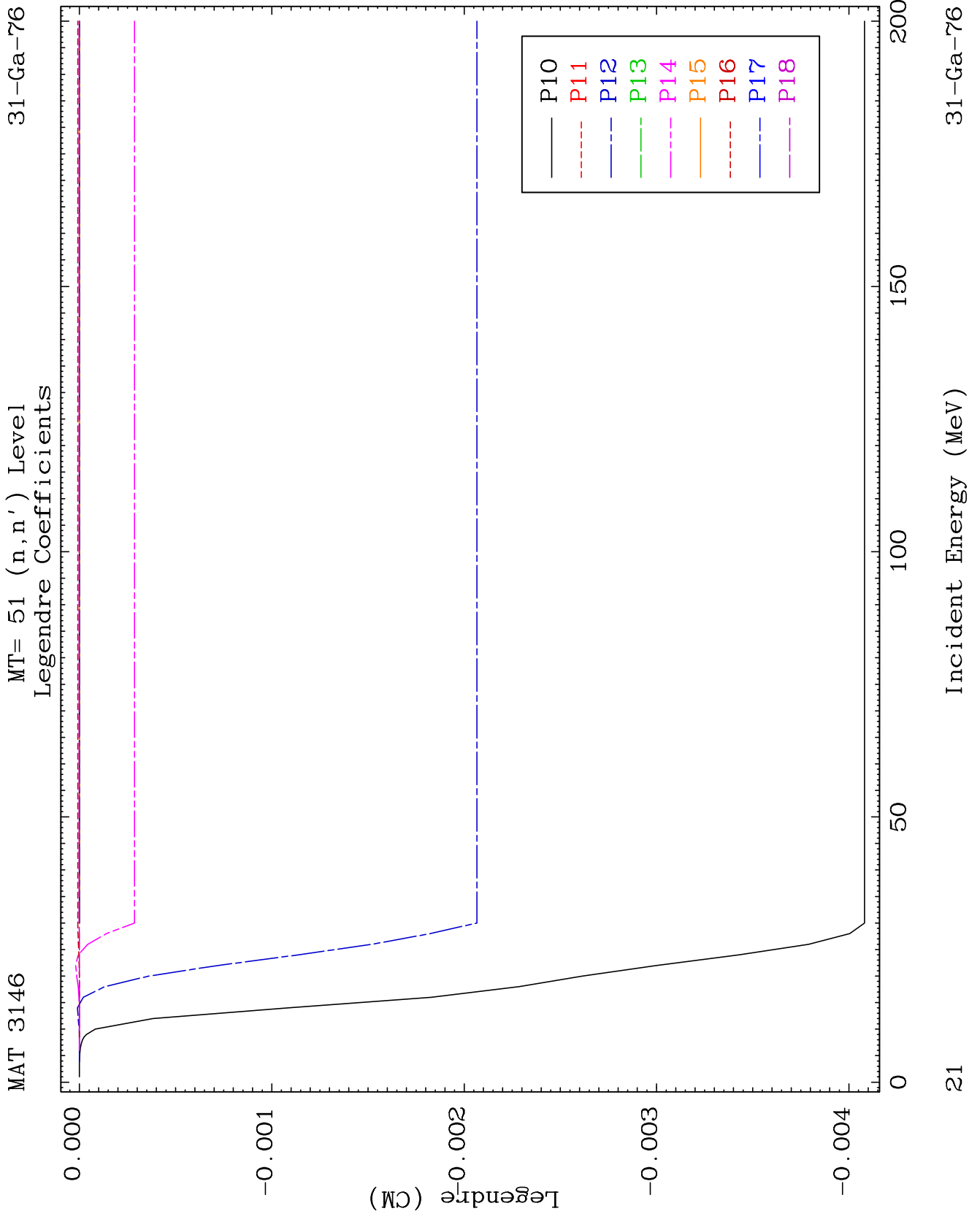
Elastic Legendre Coefficients

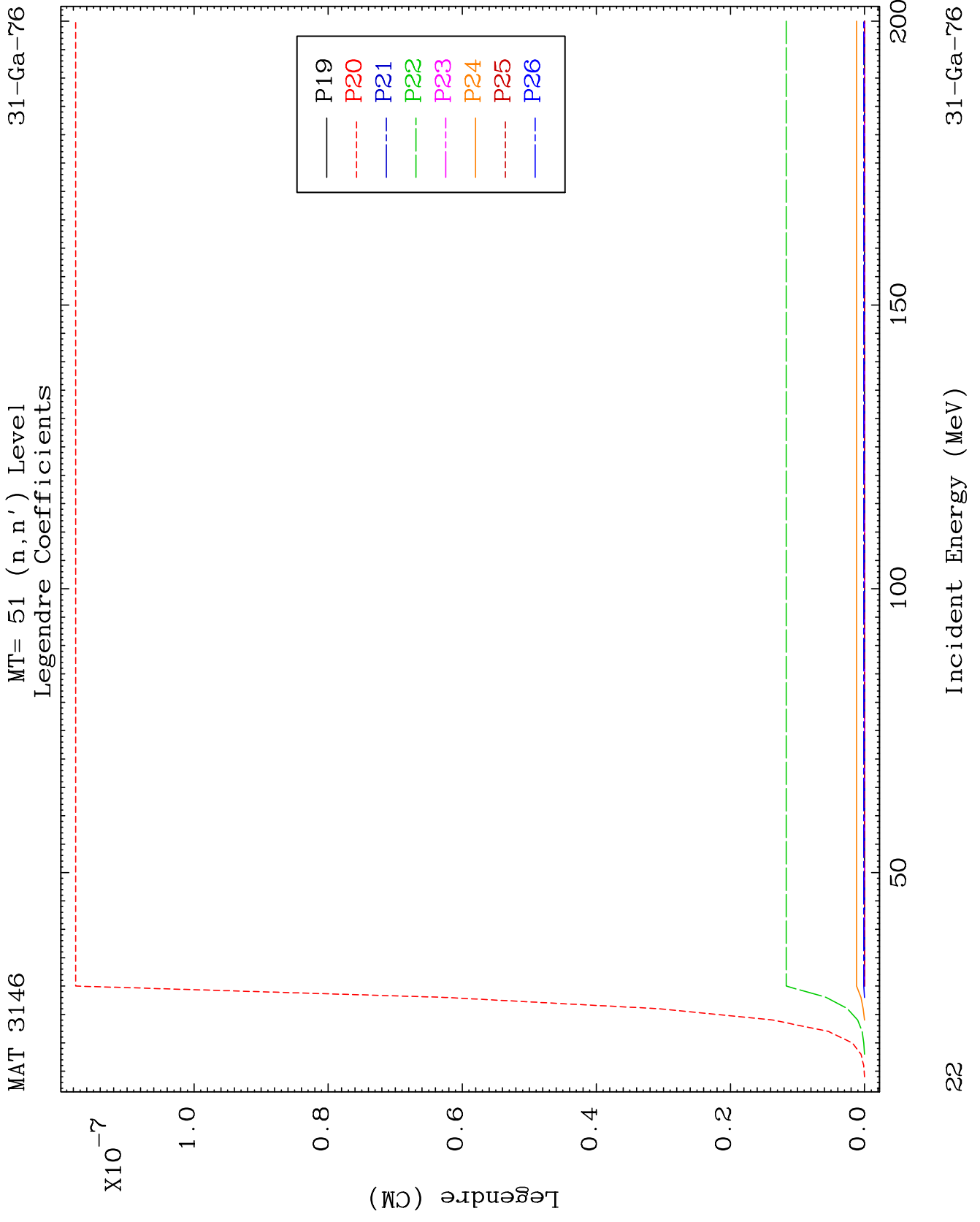


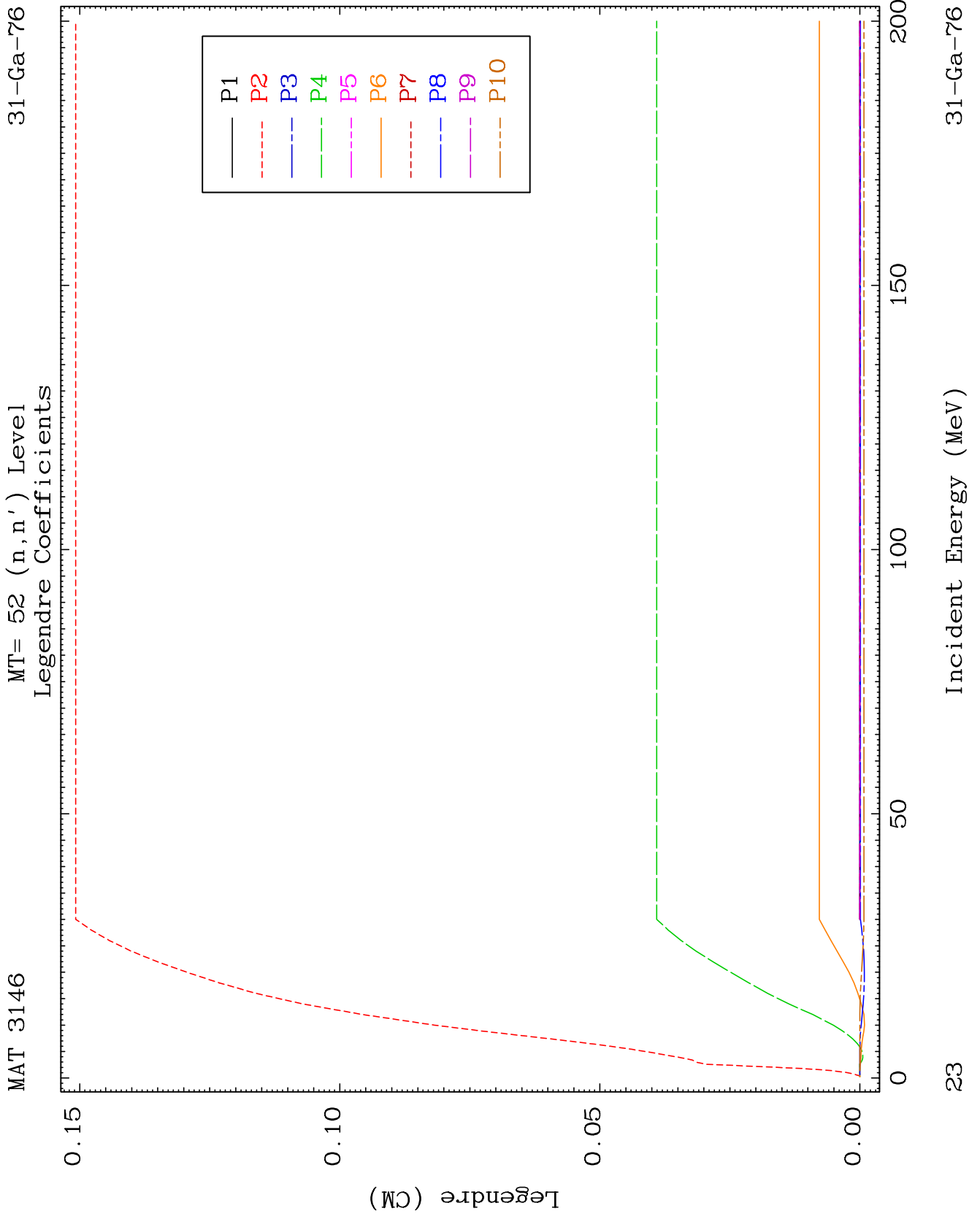
19

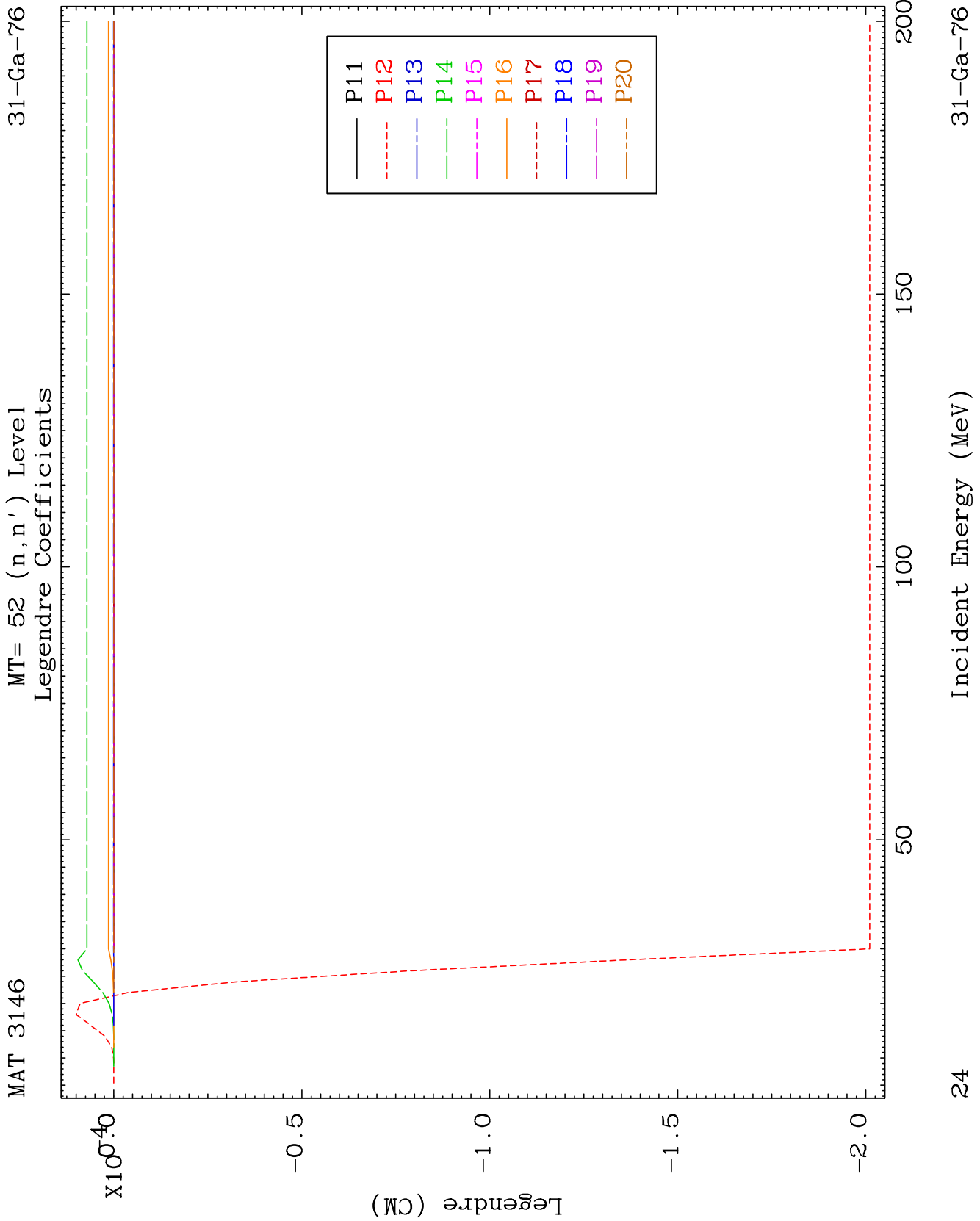
Incident Energy (MeV)

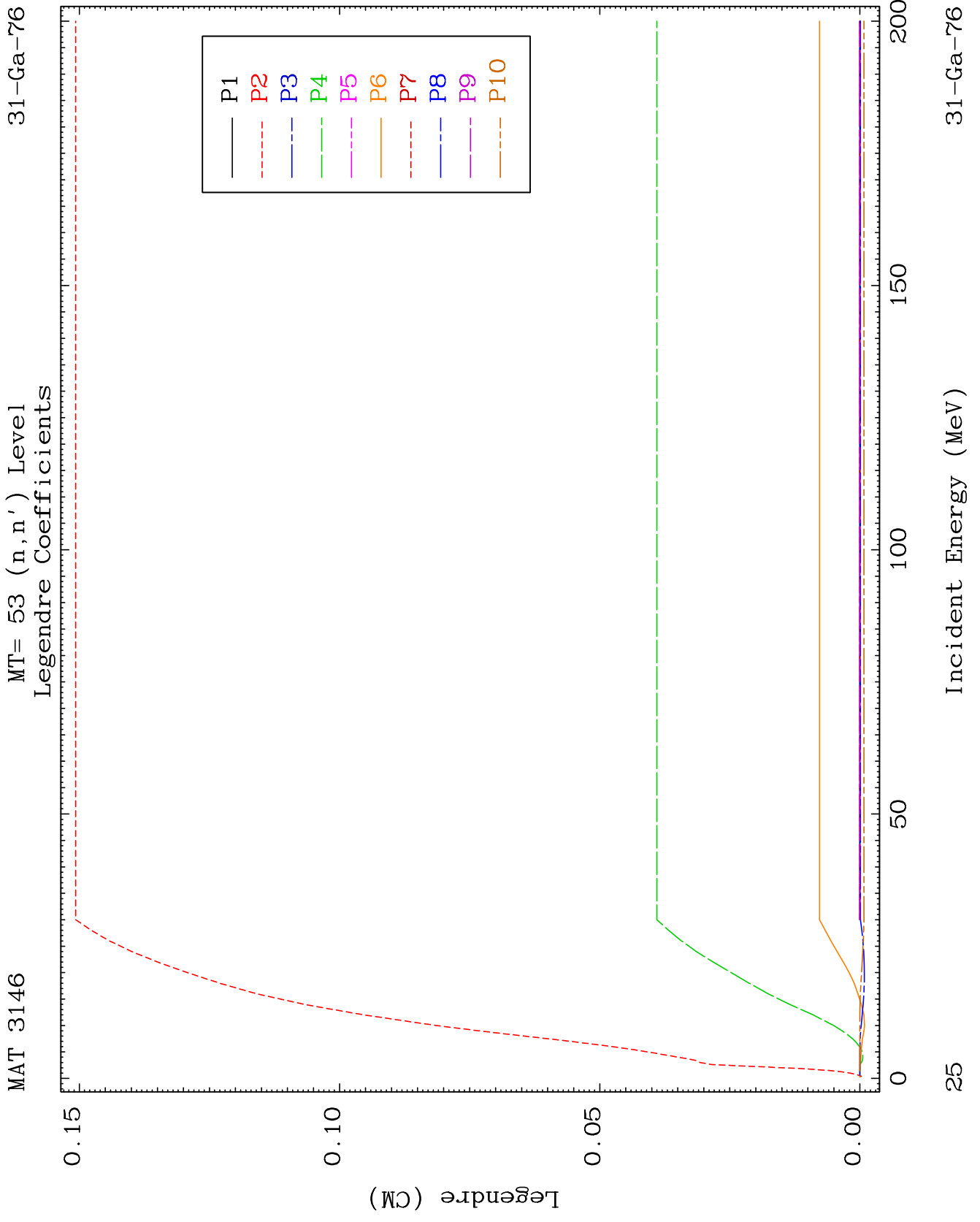
31-Ga-76







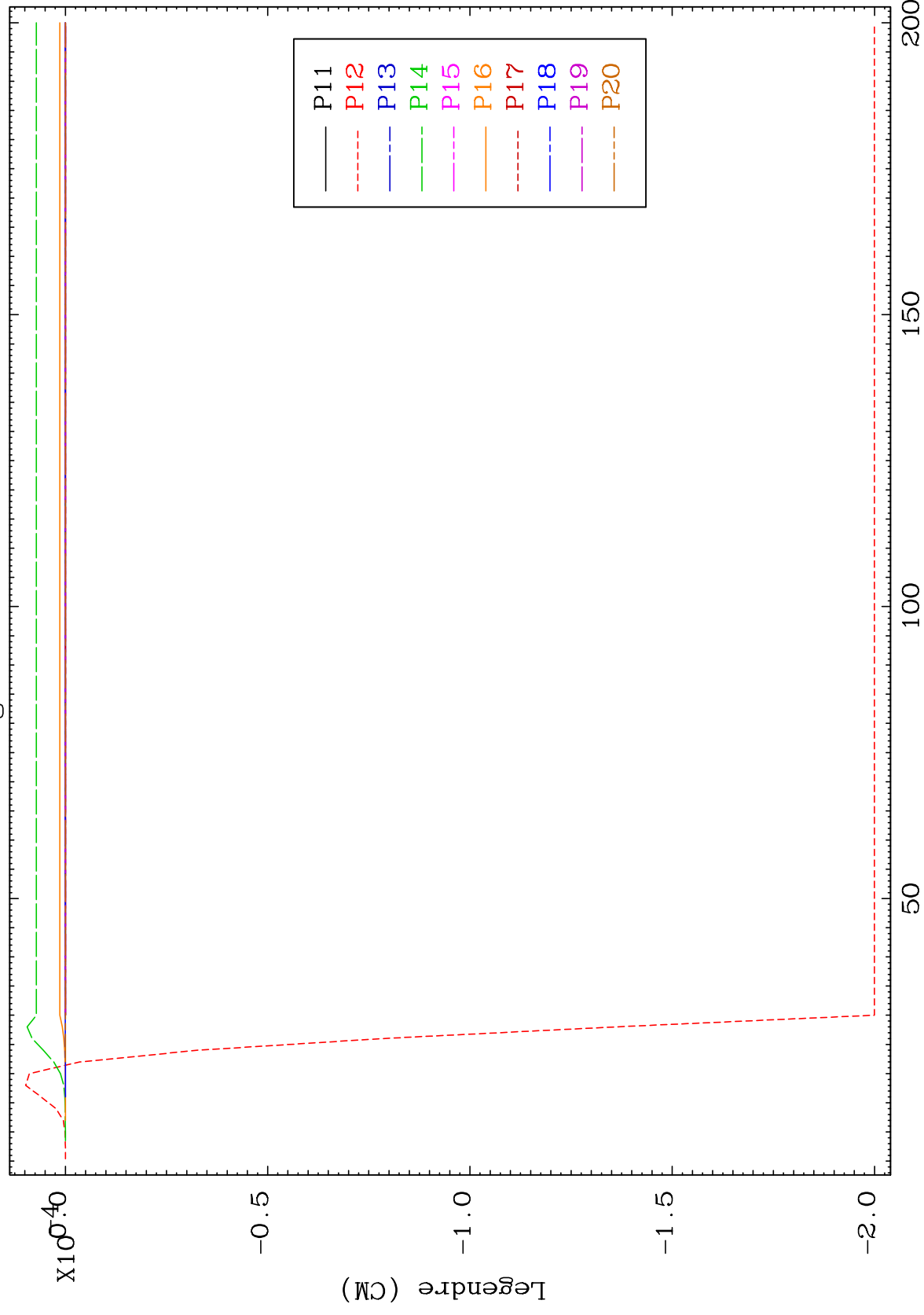




MAT 3146

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

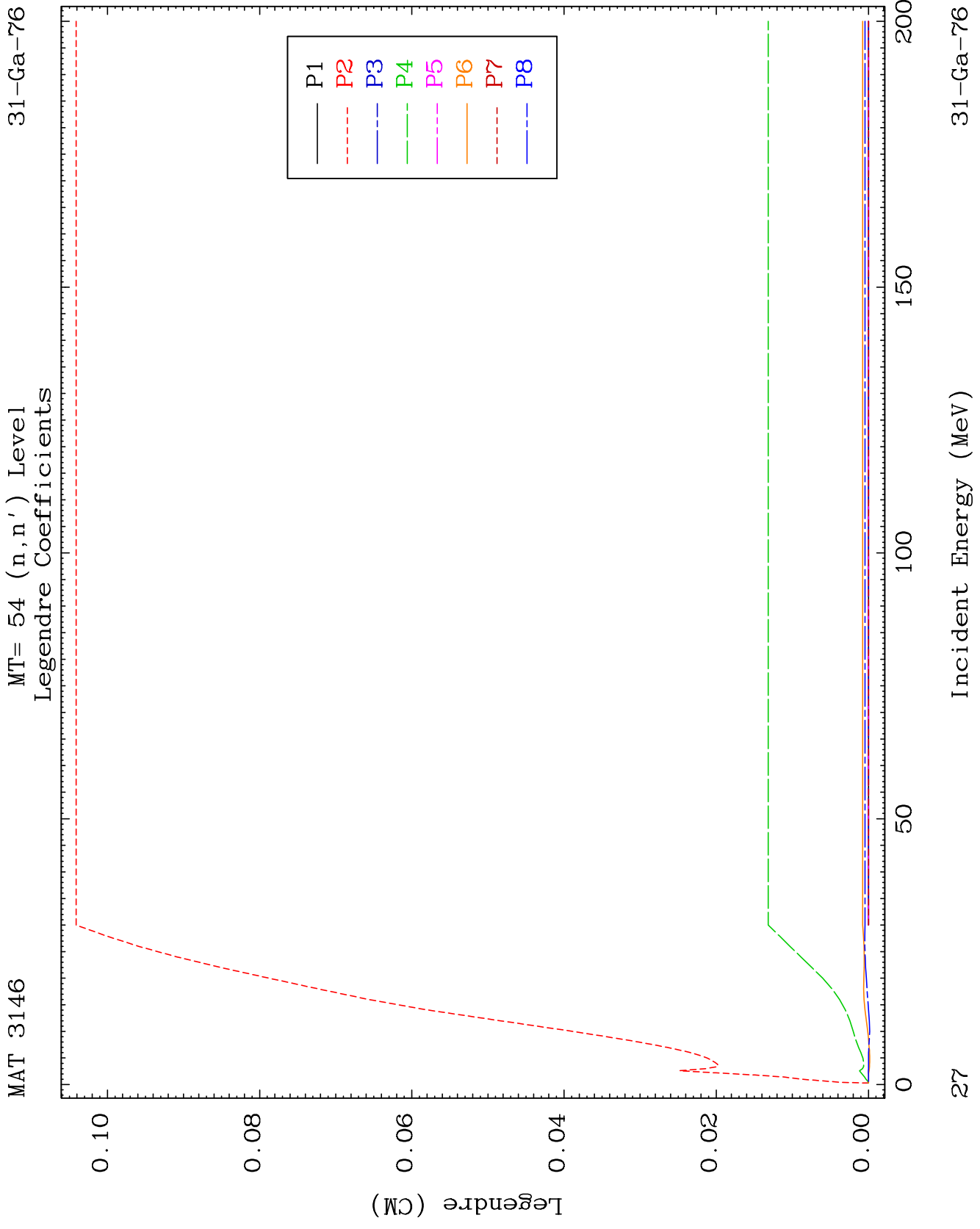
31-Ga-76

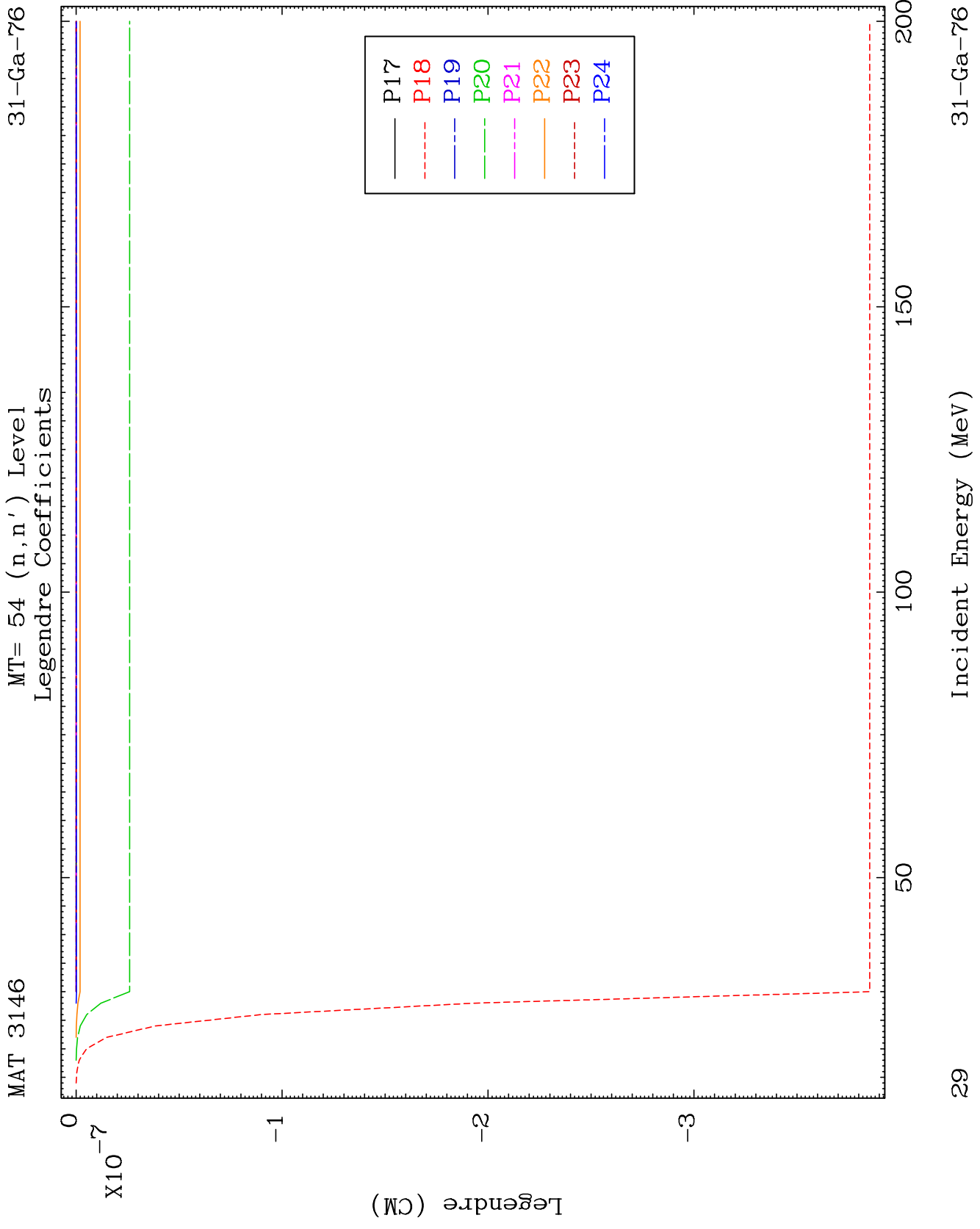


26

Incident Energy (MeV)

31-Ga-76

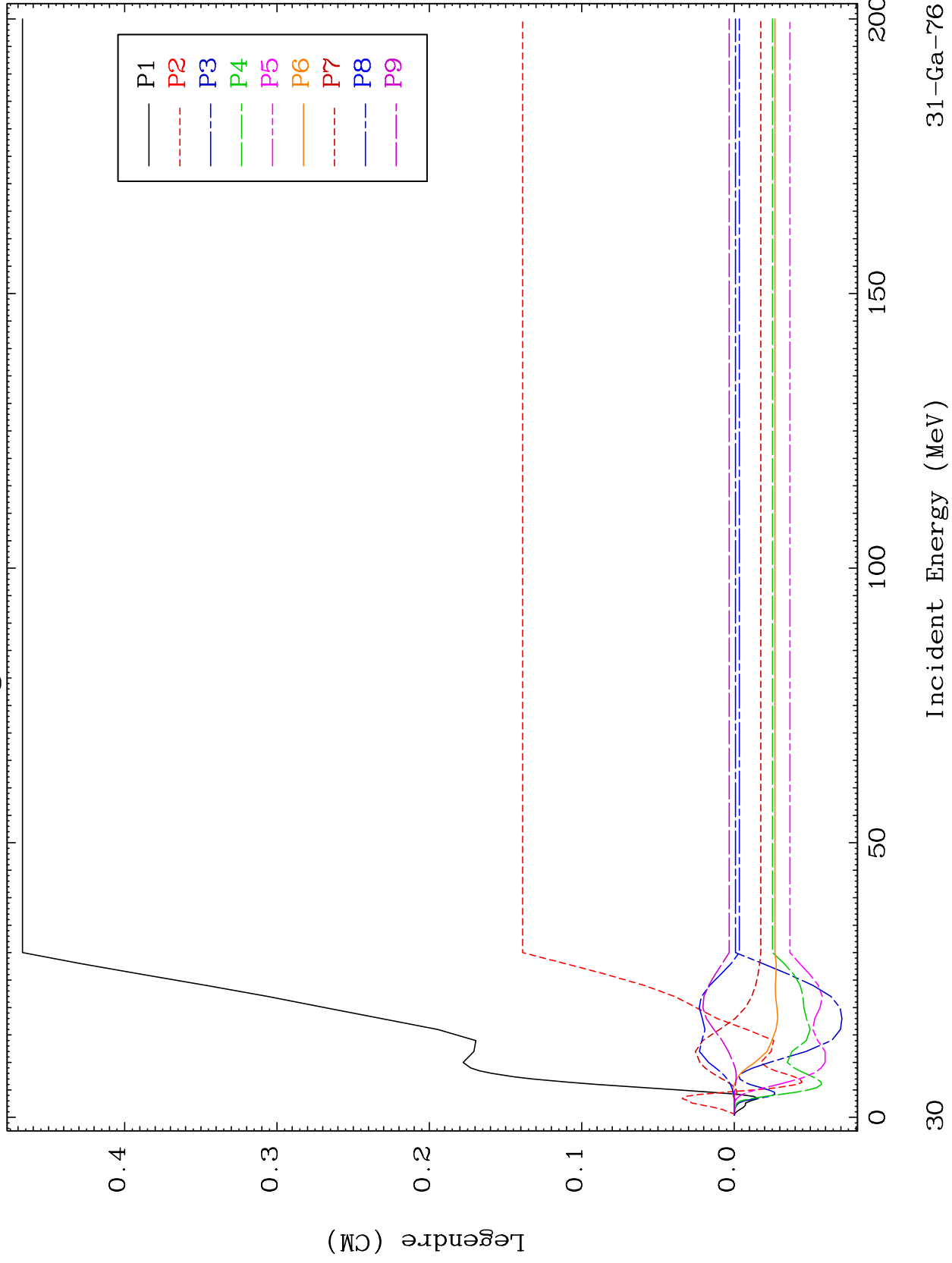




MAT 3146

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

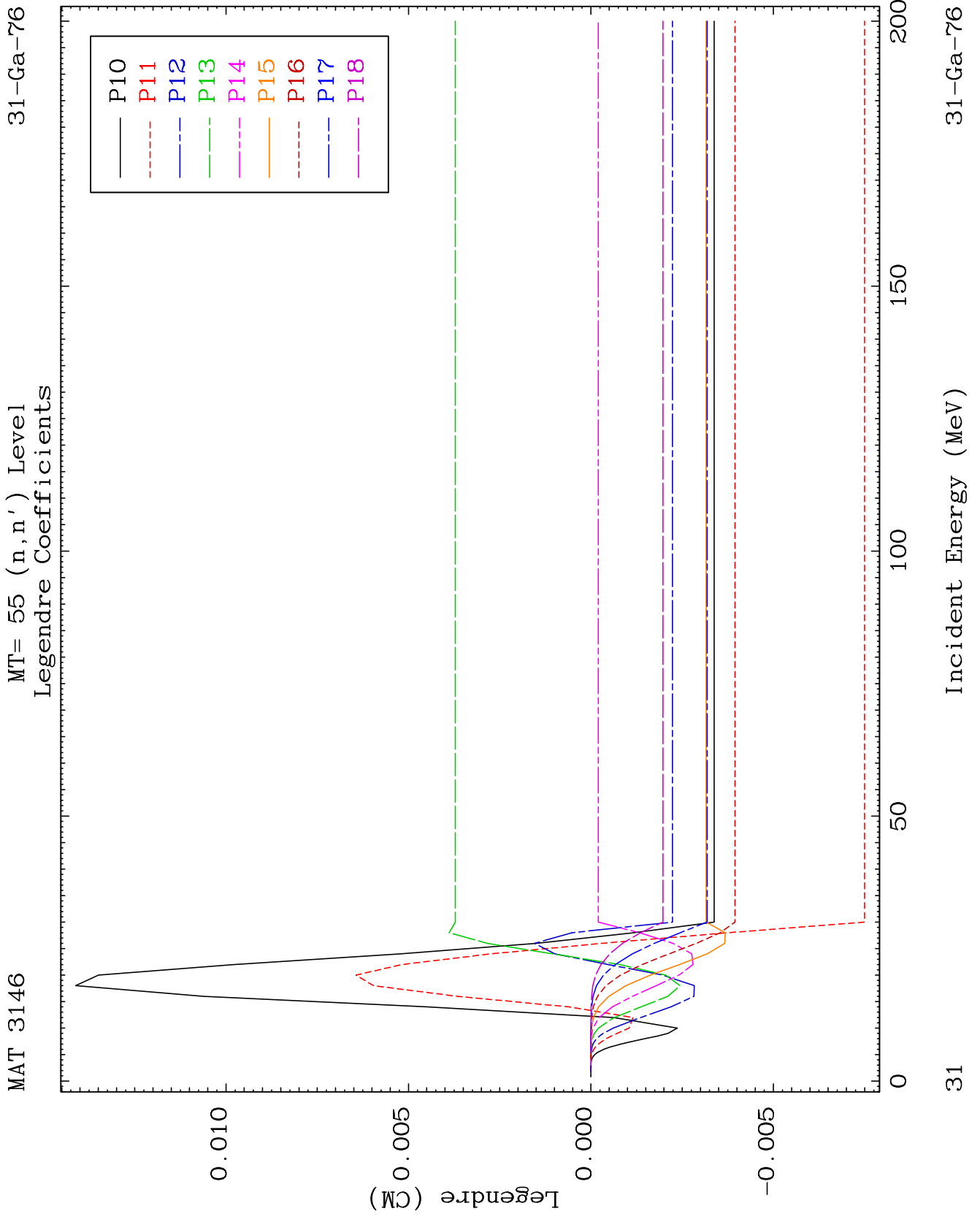
31-Ga-76

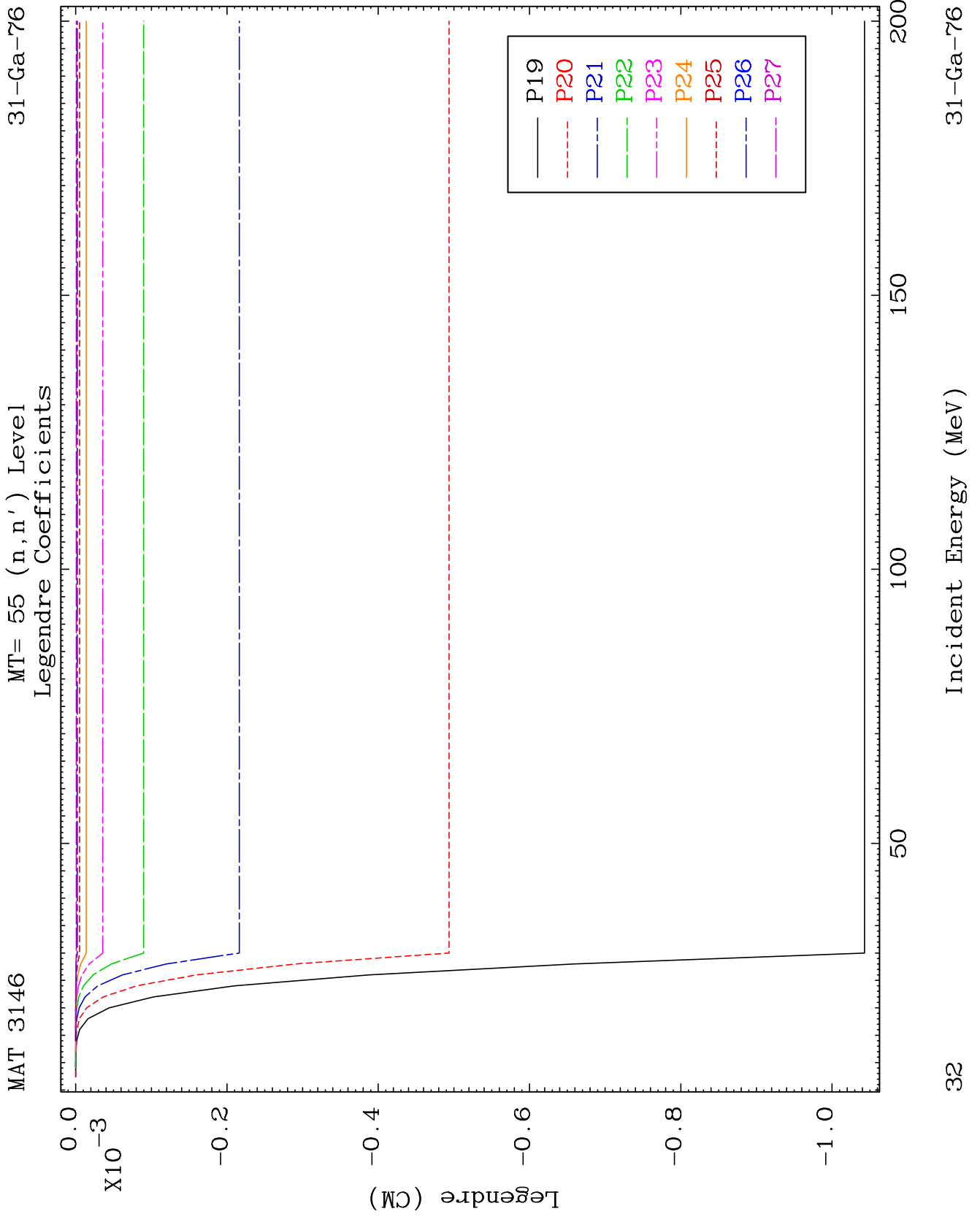


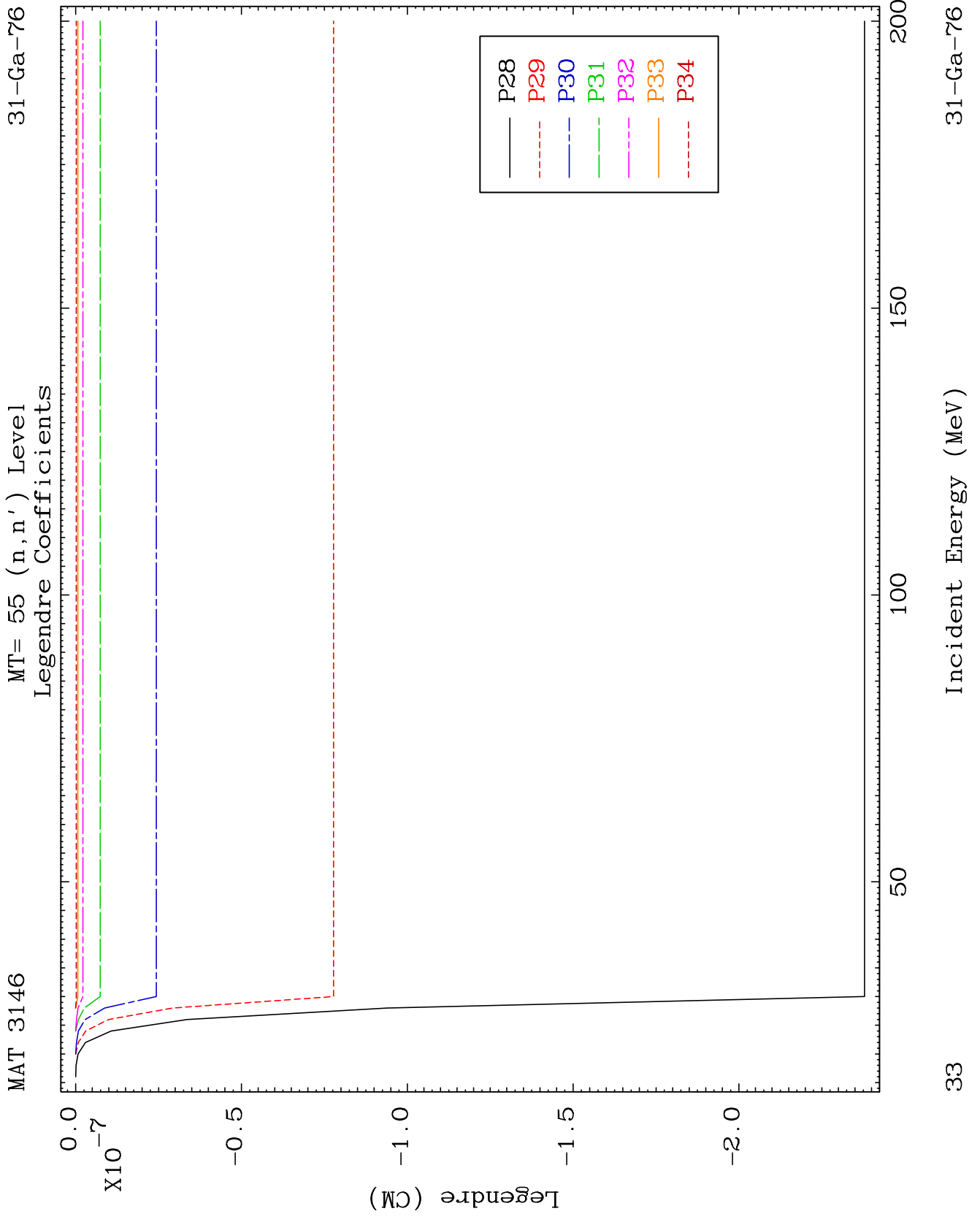
31-Ga-76

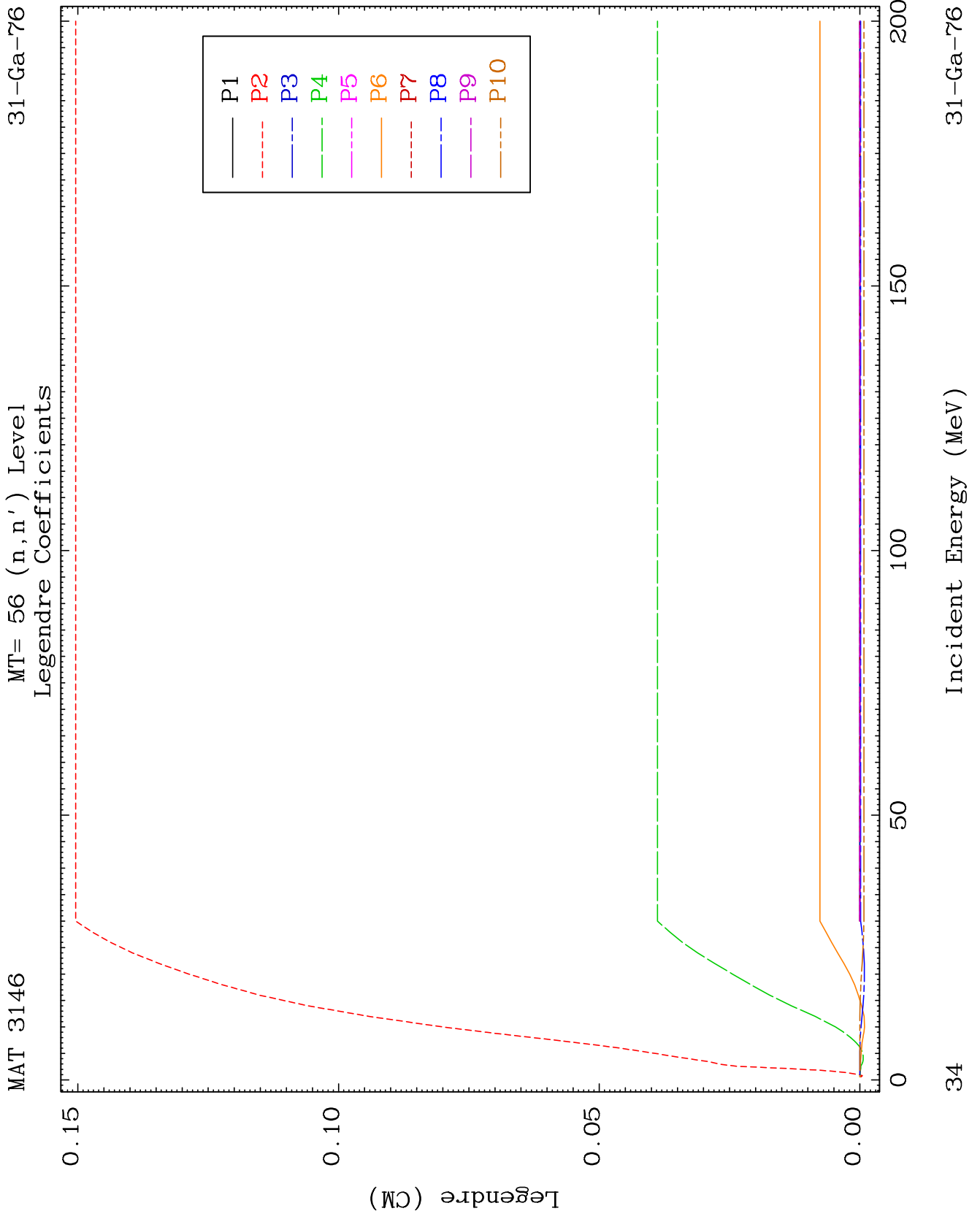
Incident Energy (MeV)

30





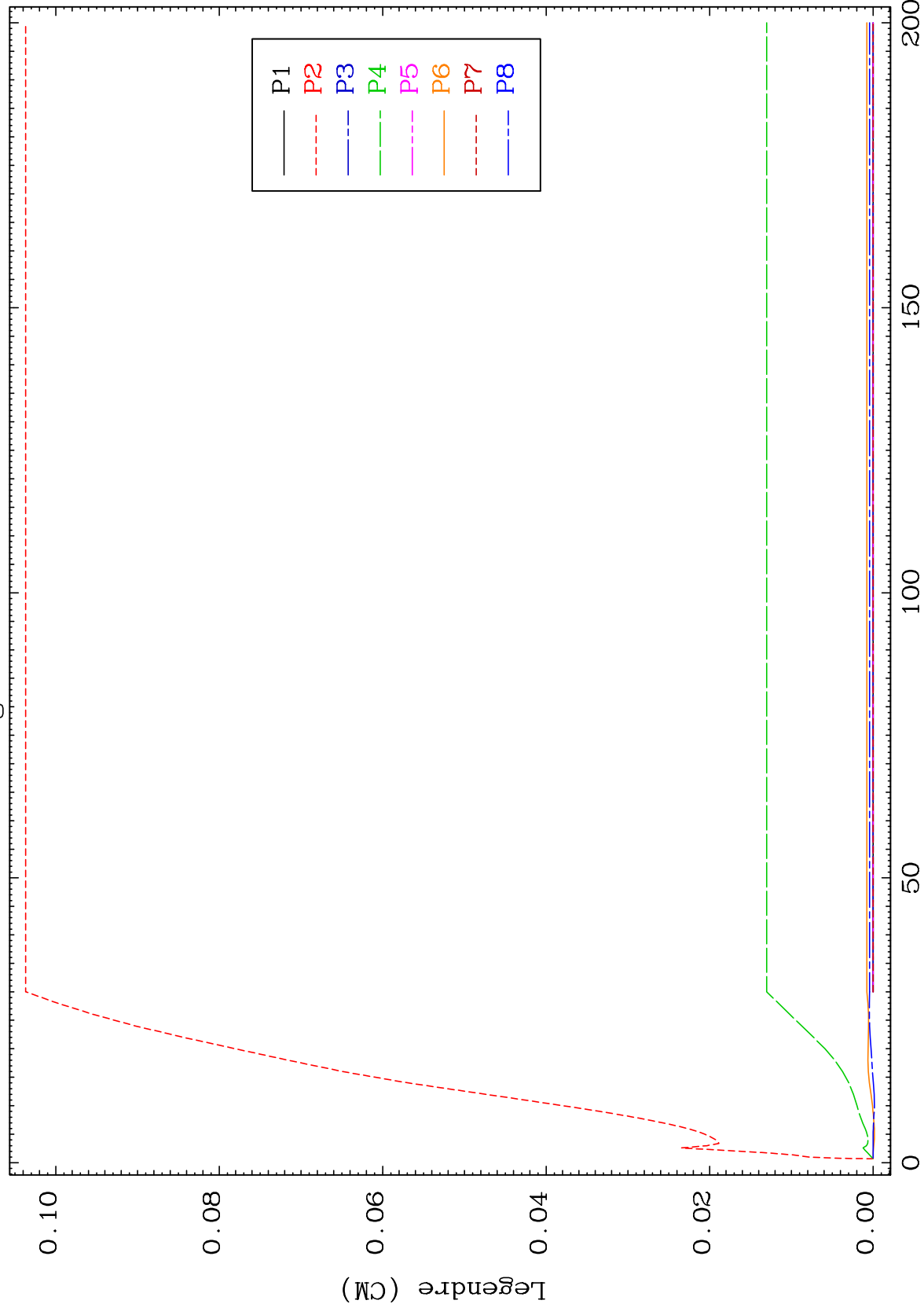




MAT 3146

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

31-Ga-76



36

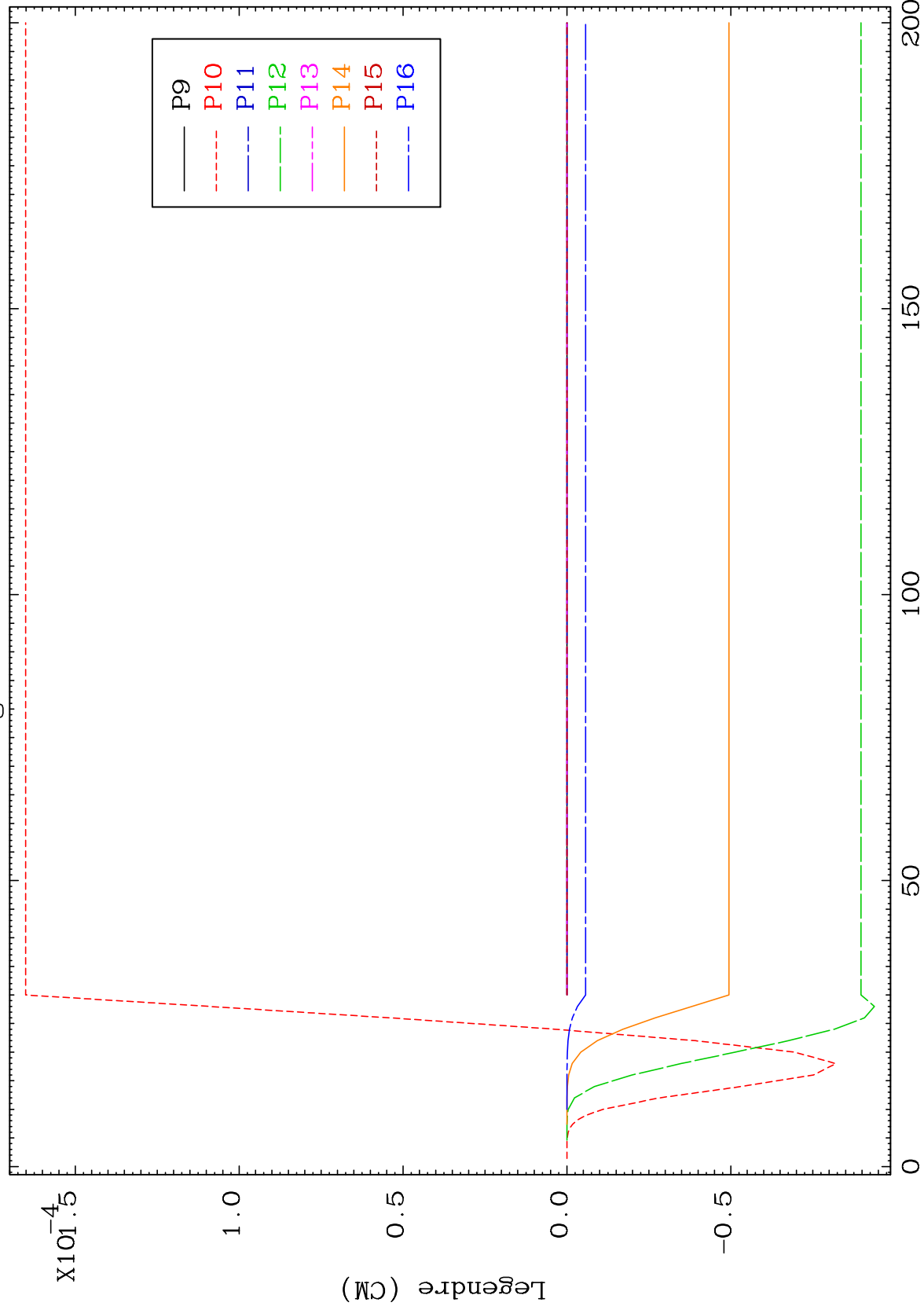
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

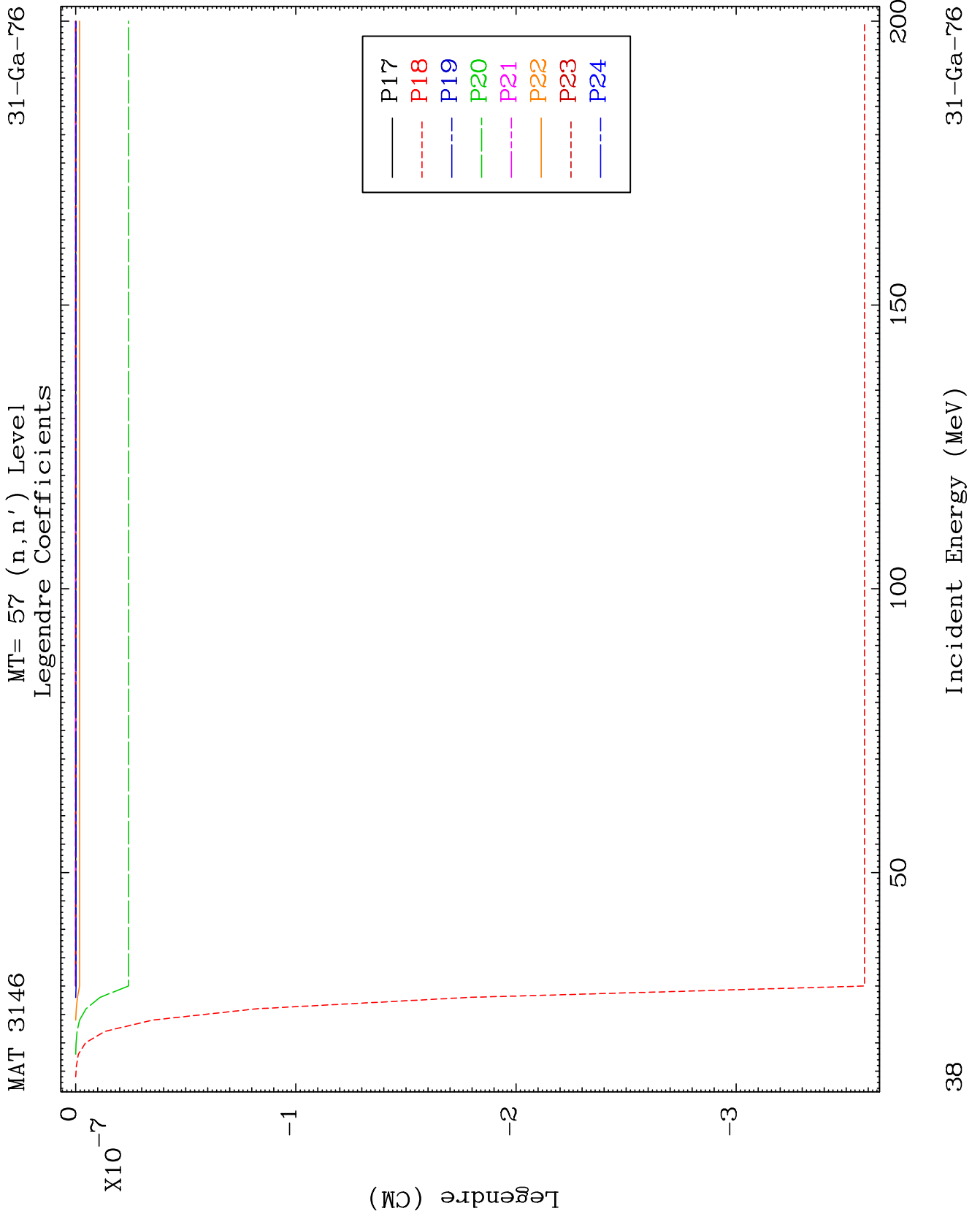
31-Ga-76



37

Incident Energy (MeV)

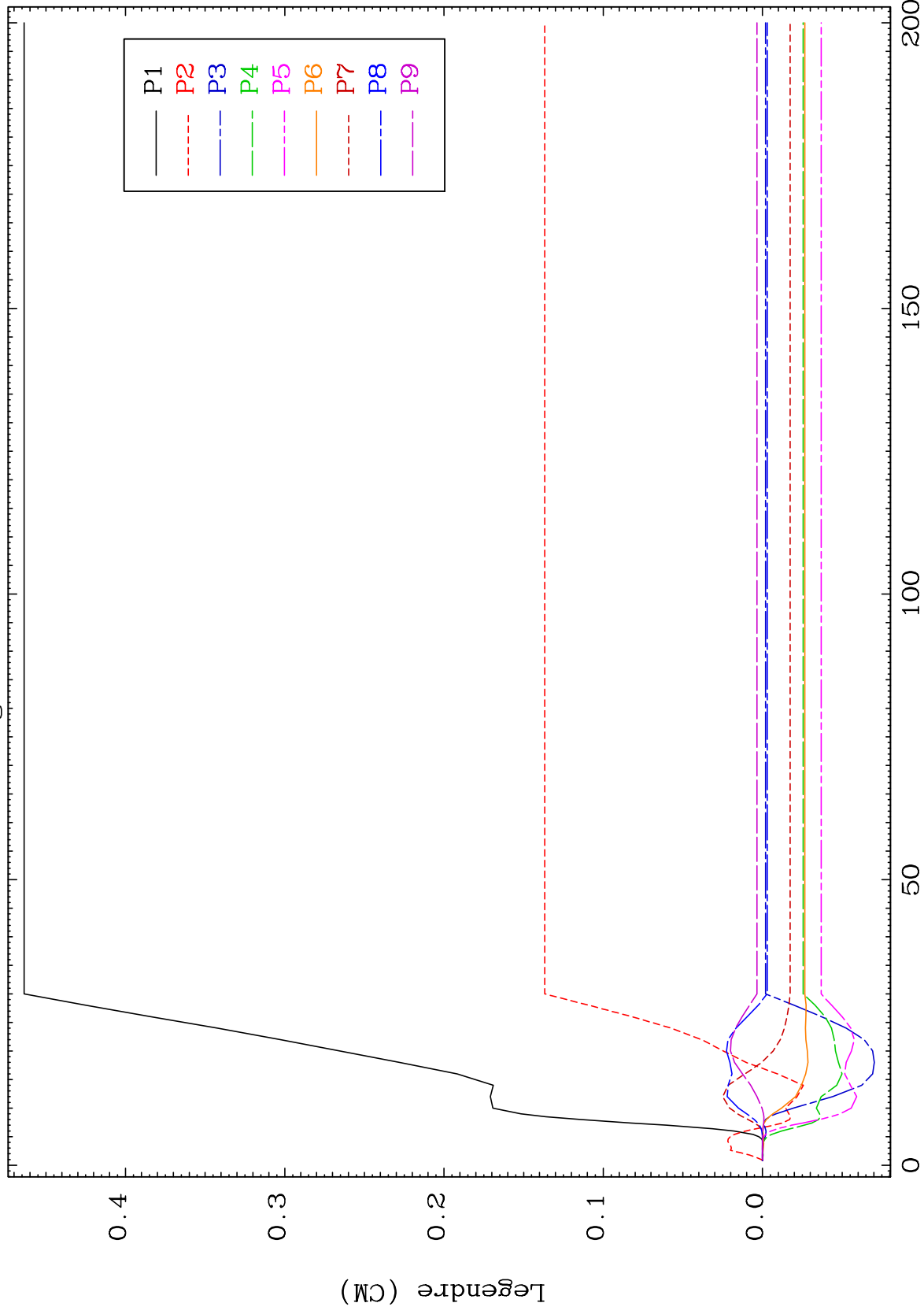
31-Ga-76



MAT 3146

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

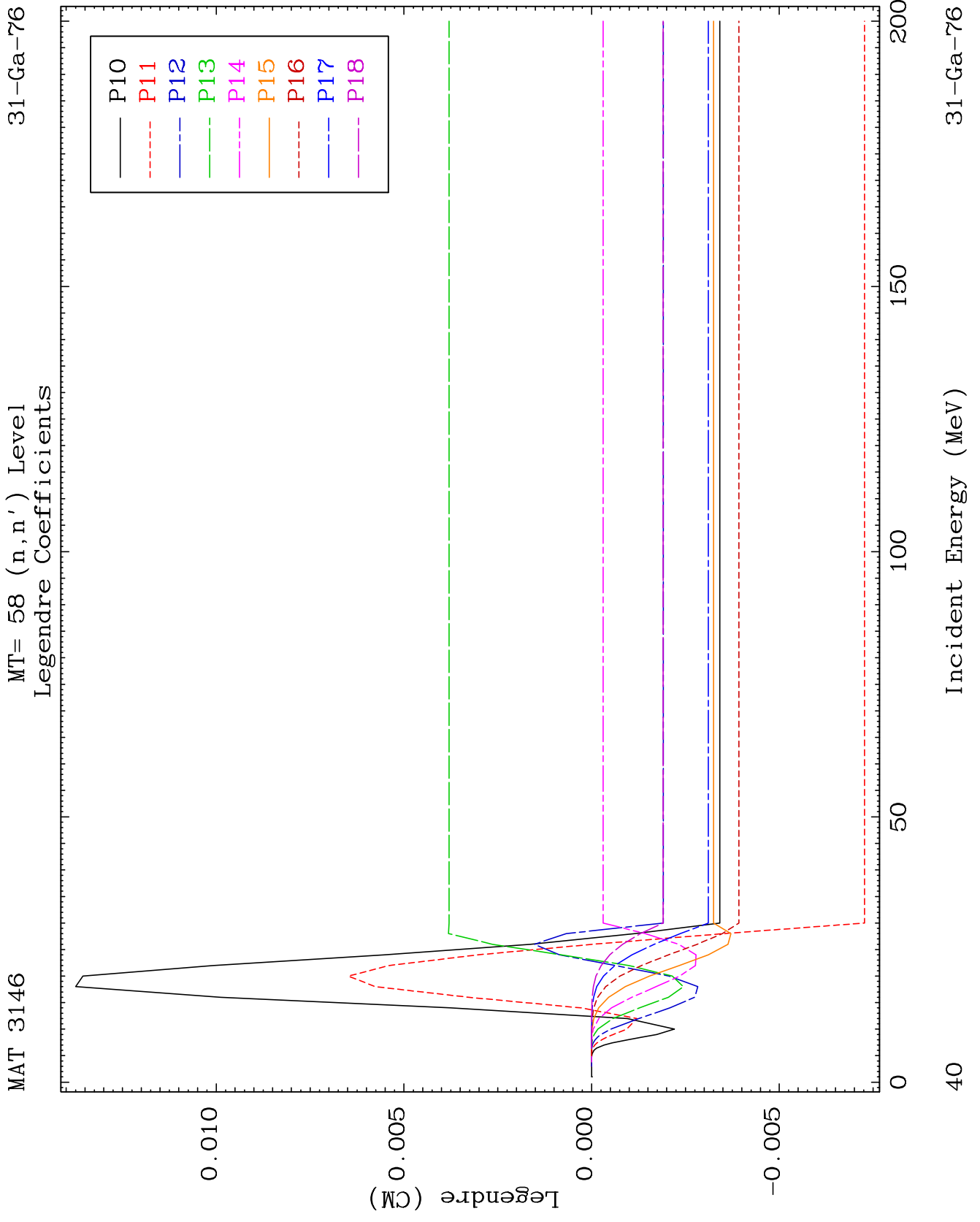
31-Ga-76



39

Incident Energy (MeV)

31-Ga-76

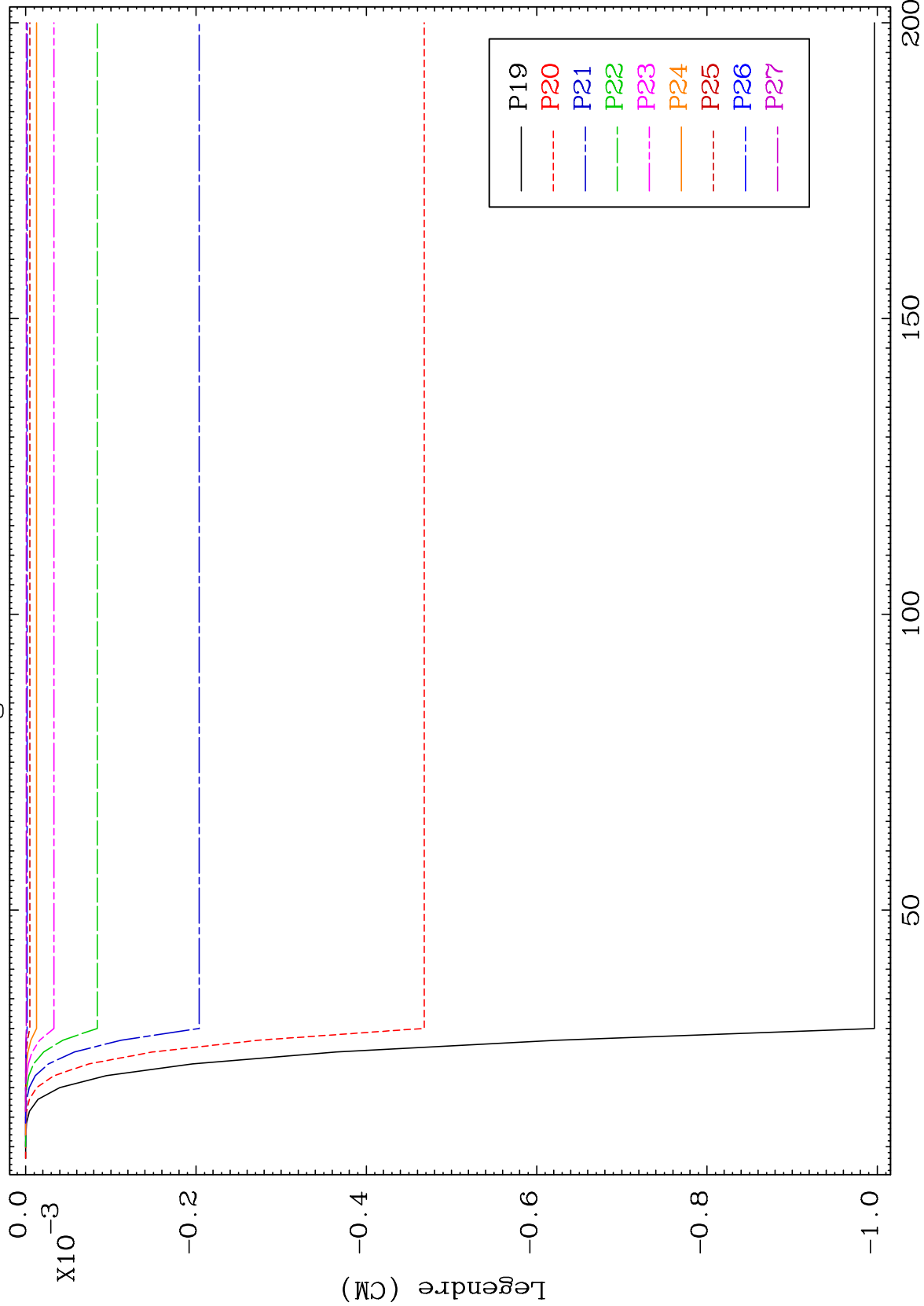


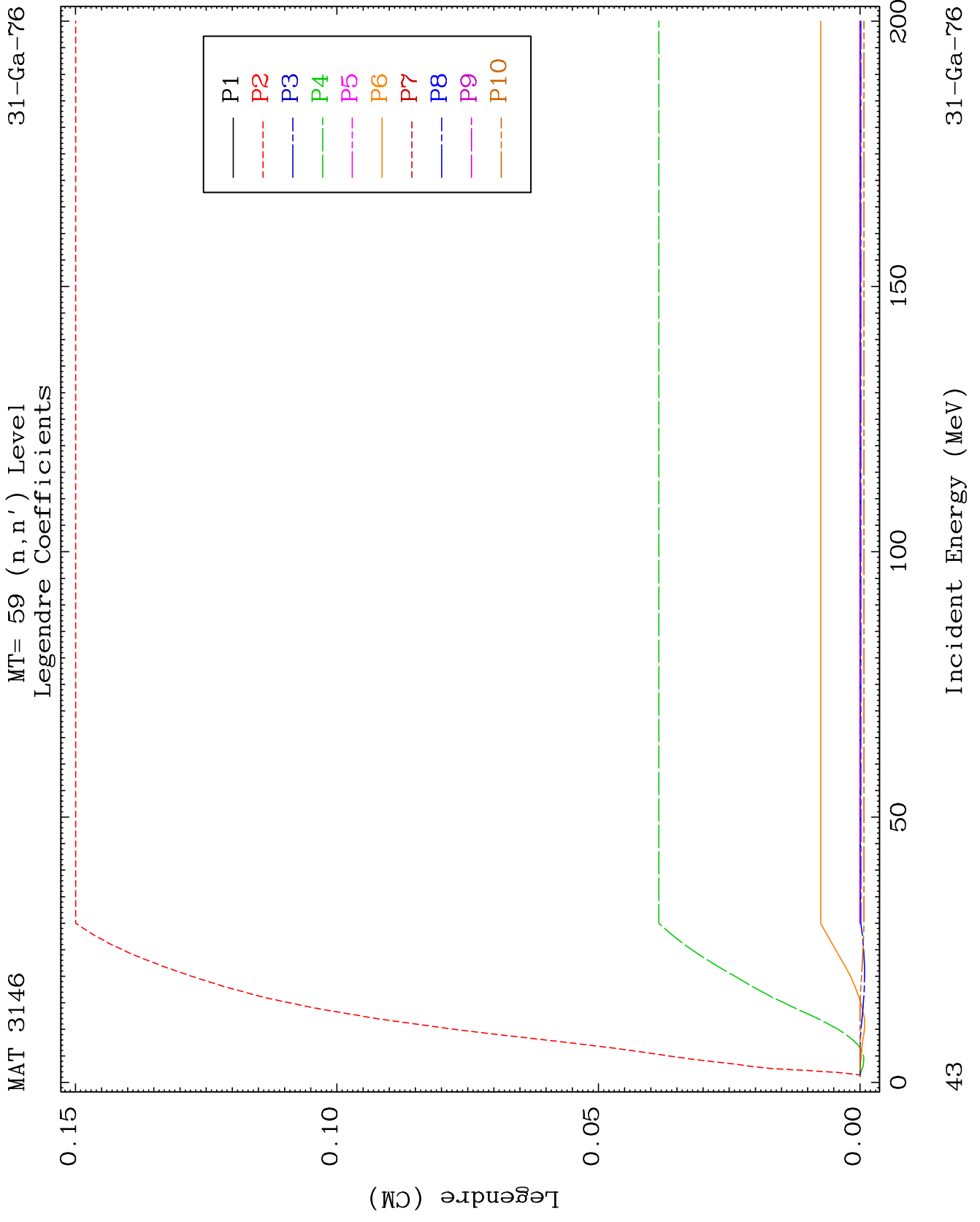
MAT 3146

MT= 58 (n,n') Level

31-Ga-76

Legendre Coefficients

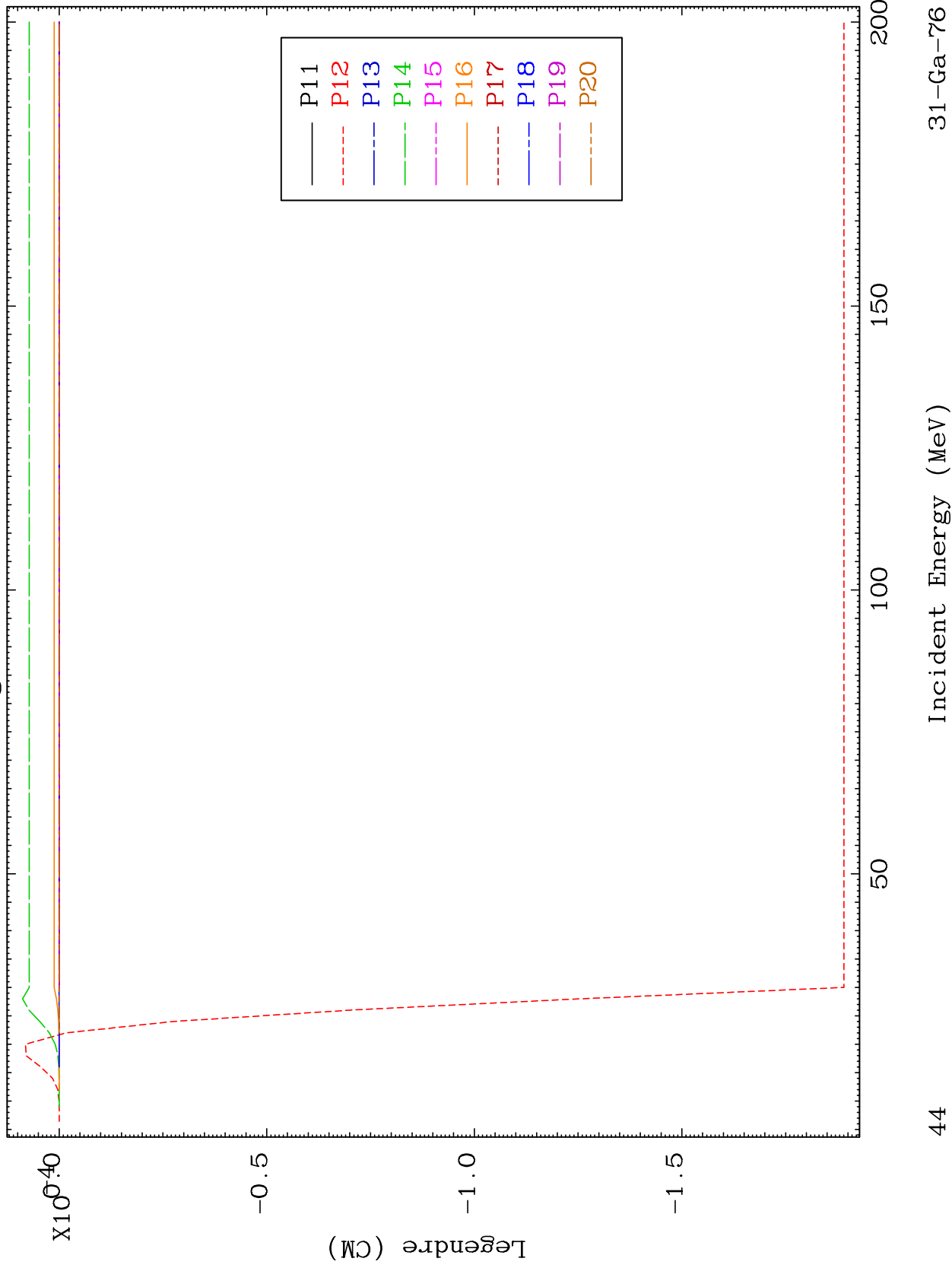




MAT 3146

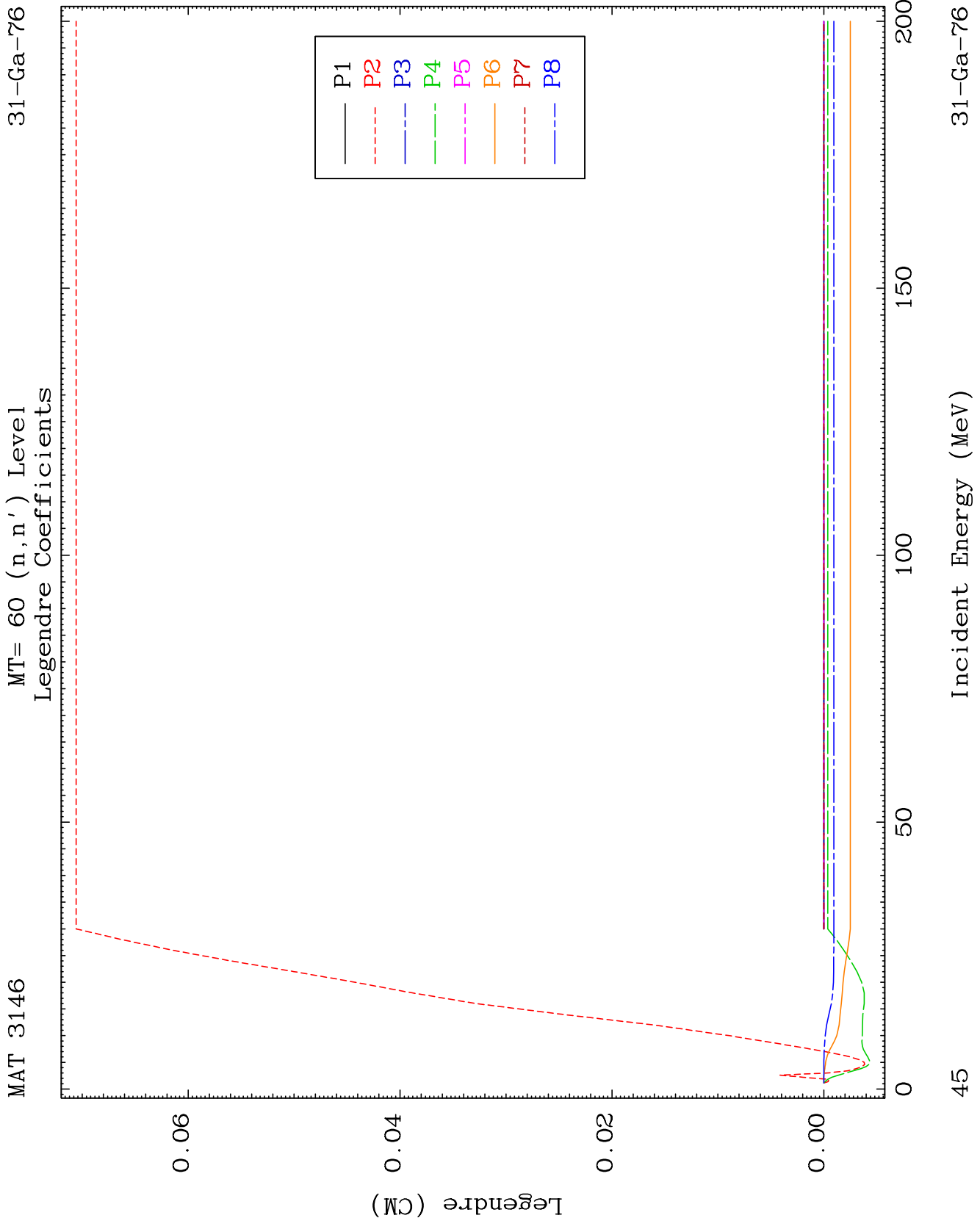
MT= 59 (n,n') Level
Legendre Coefficients

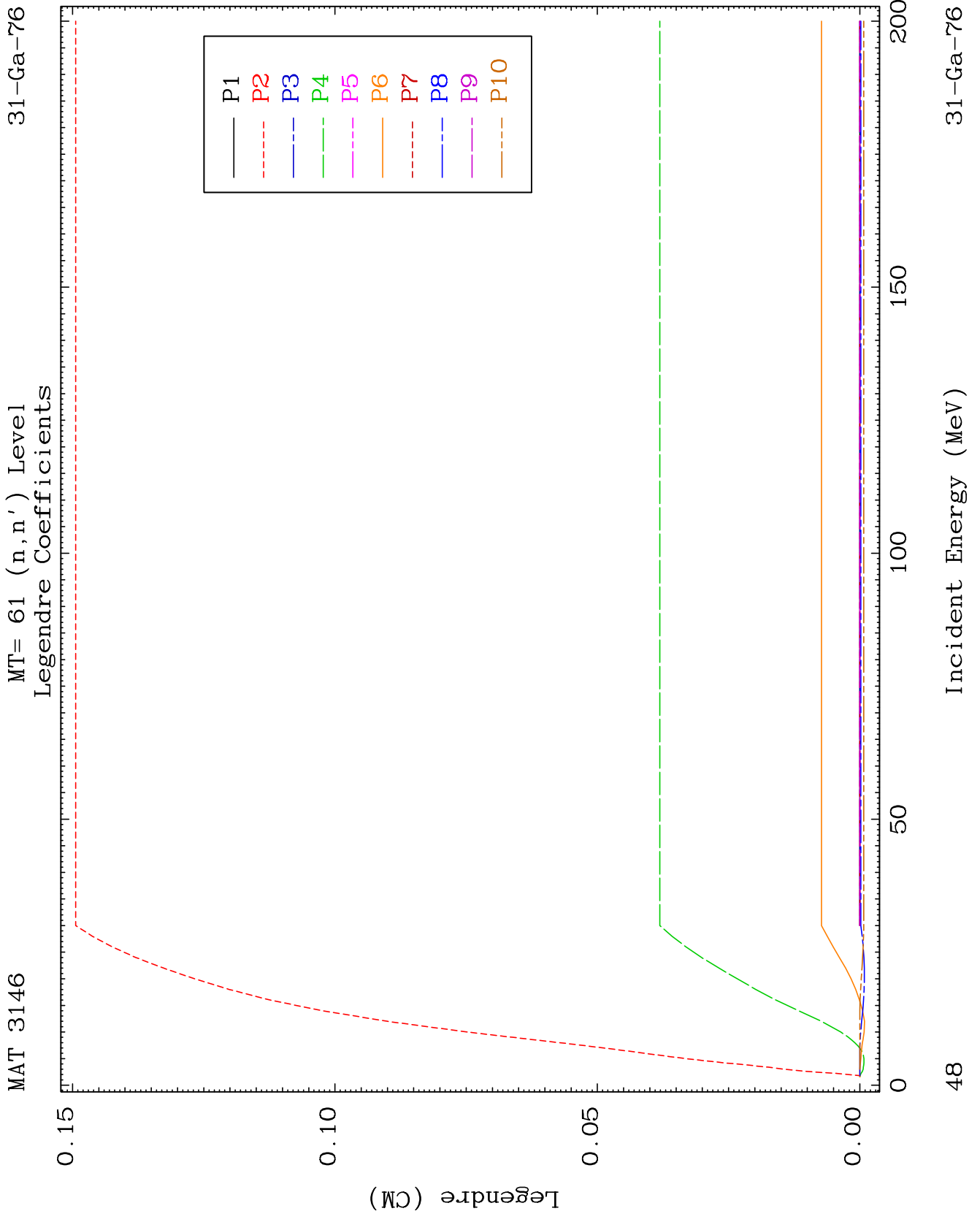
31-Ga-76



44

31-Ga-76

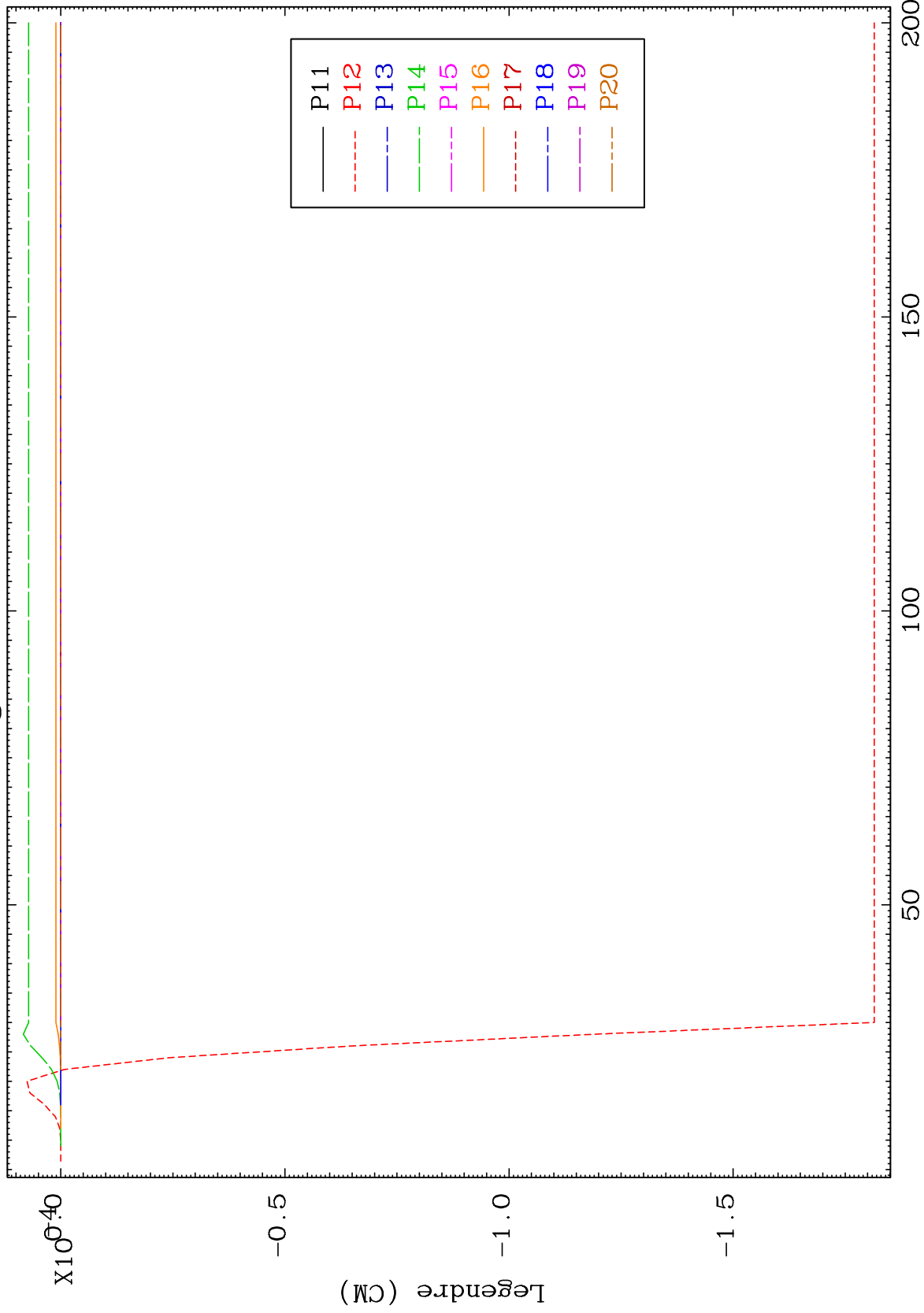


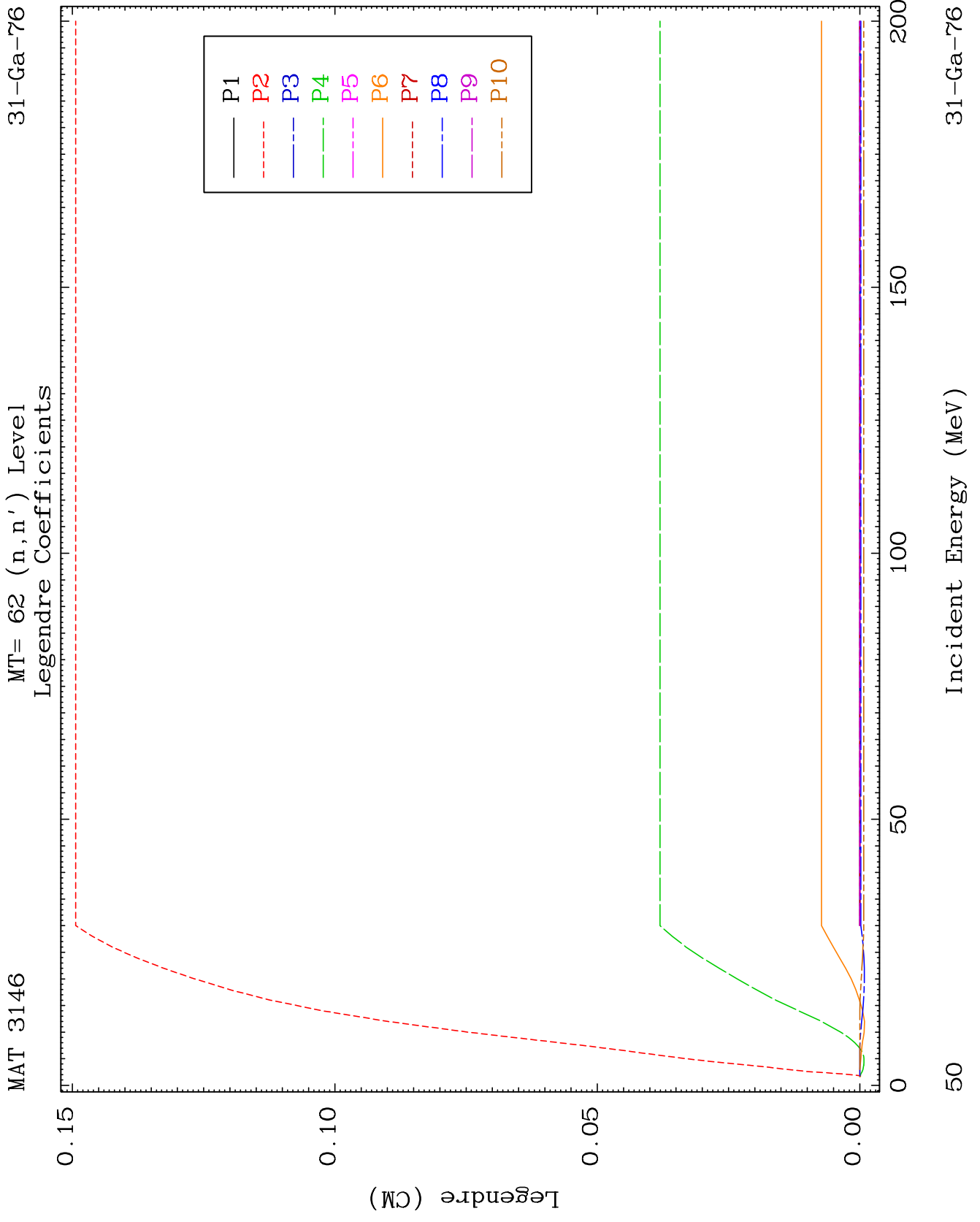


MAT 3146

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

31-Ga-76

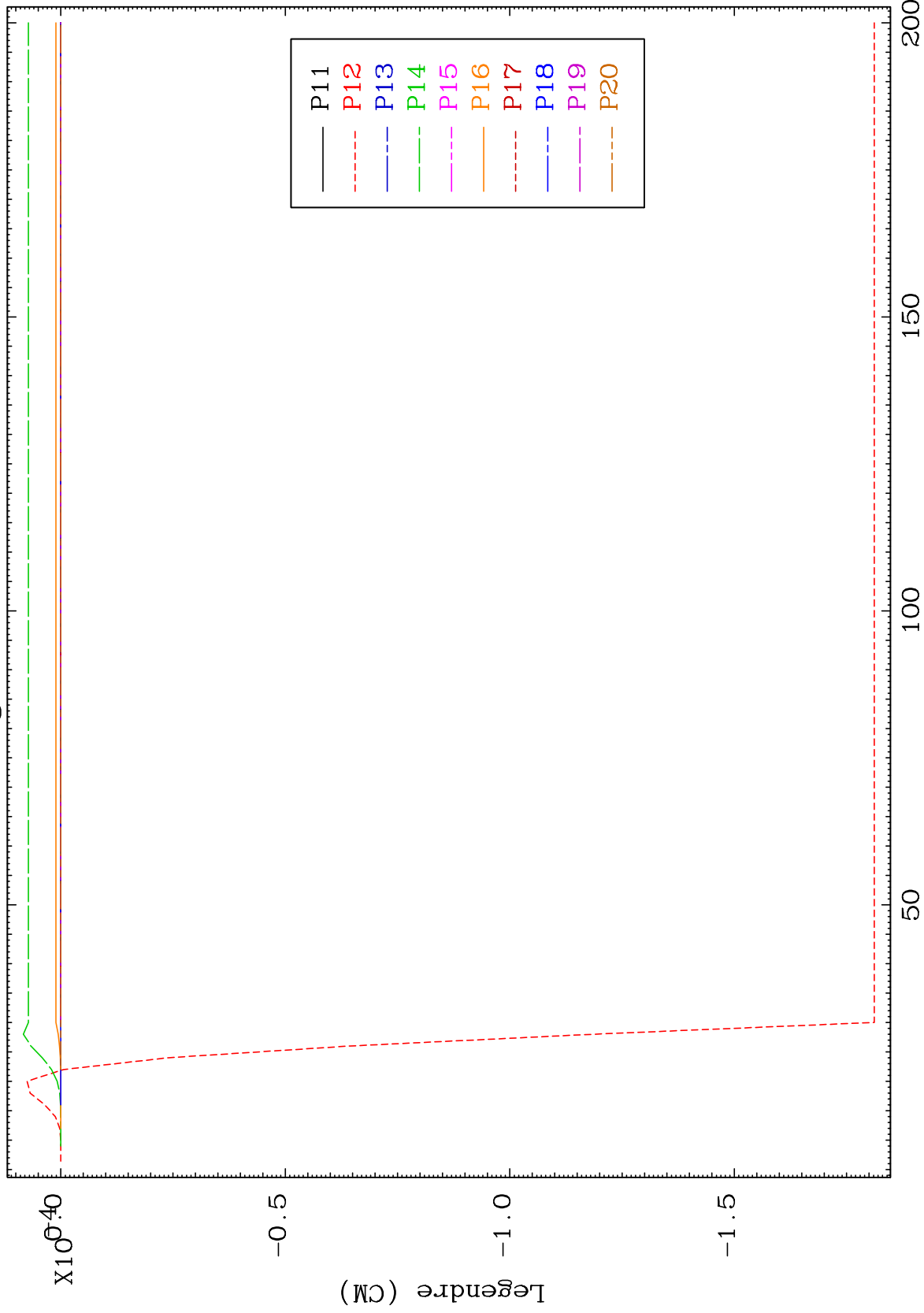




MAT 3146

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

31-Ga-76



51

Incident Energy (MeV)

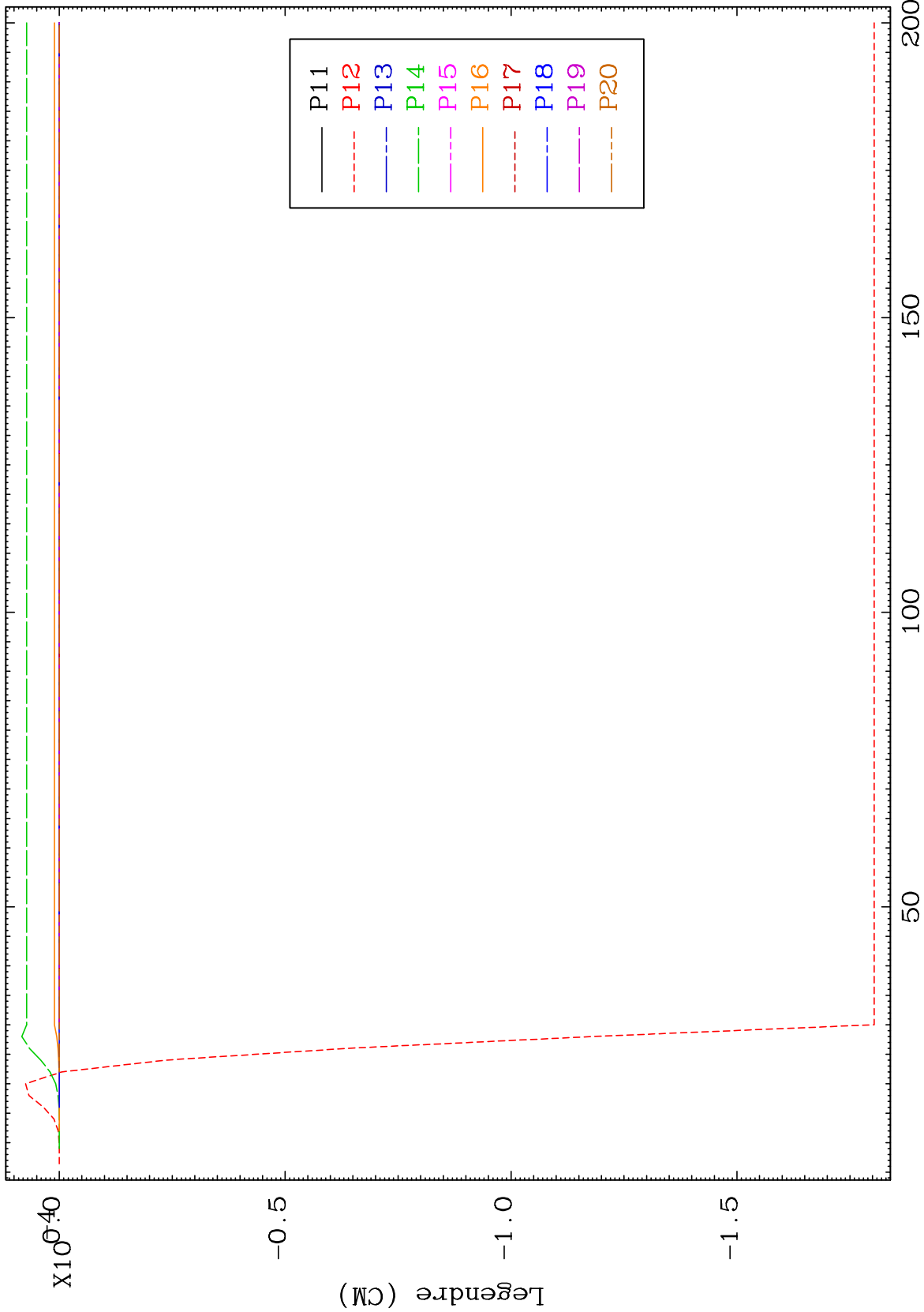
31-Ga-76

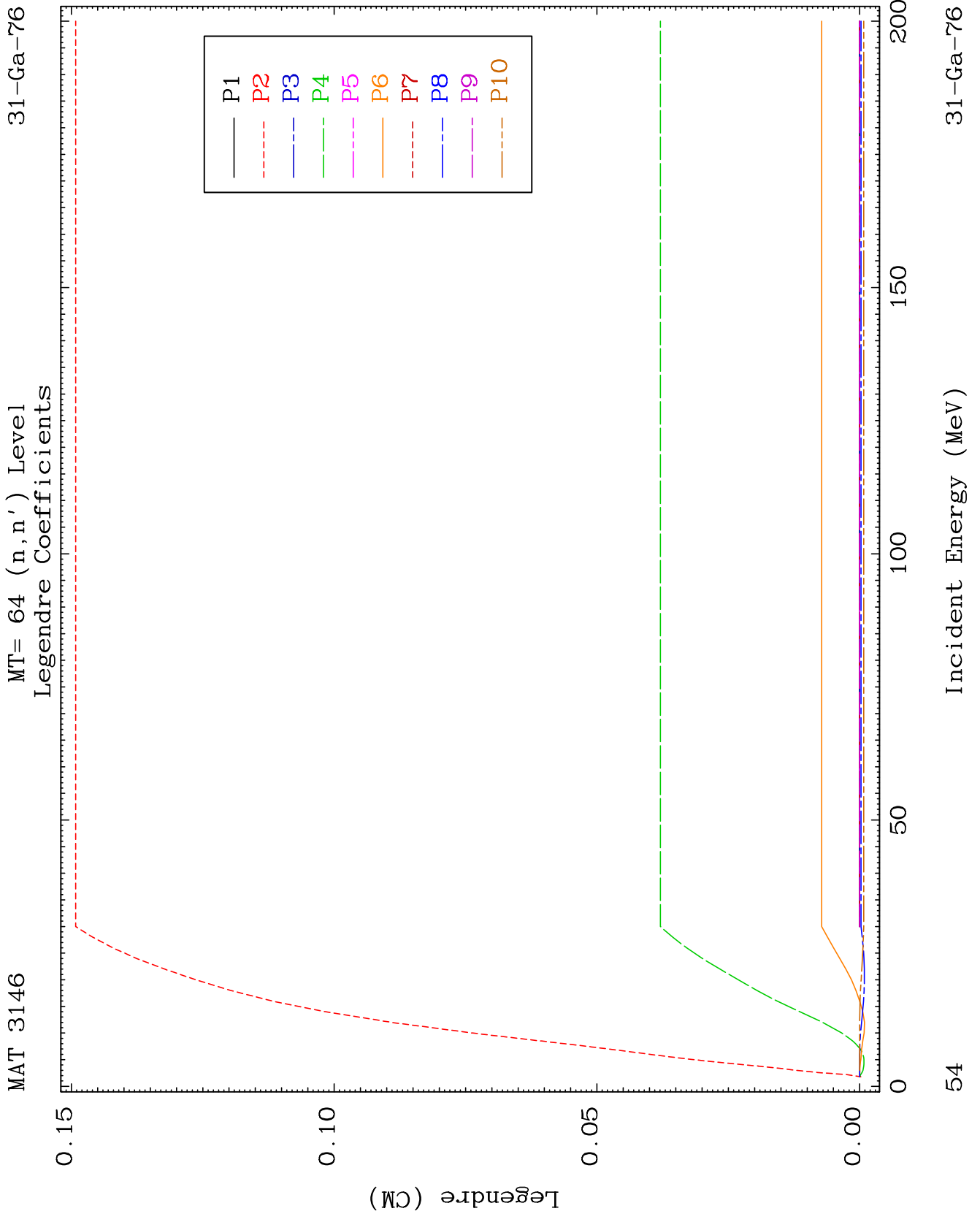
MAT 3146

MT= 63 (n,n') Level

31-Ga-76

Legendre Coefficients

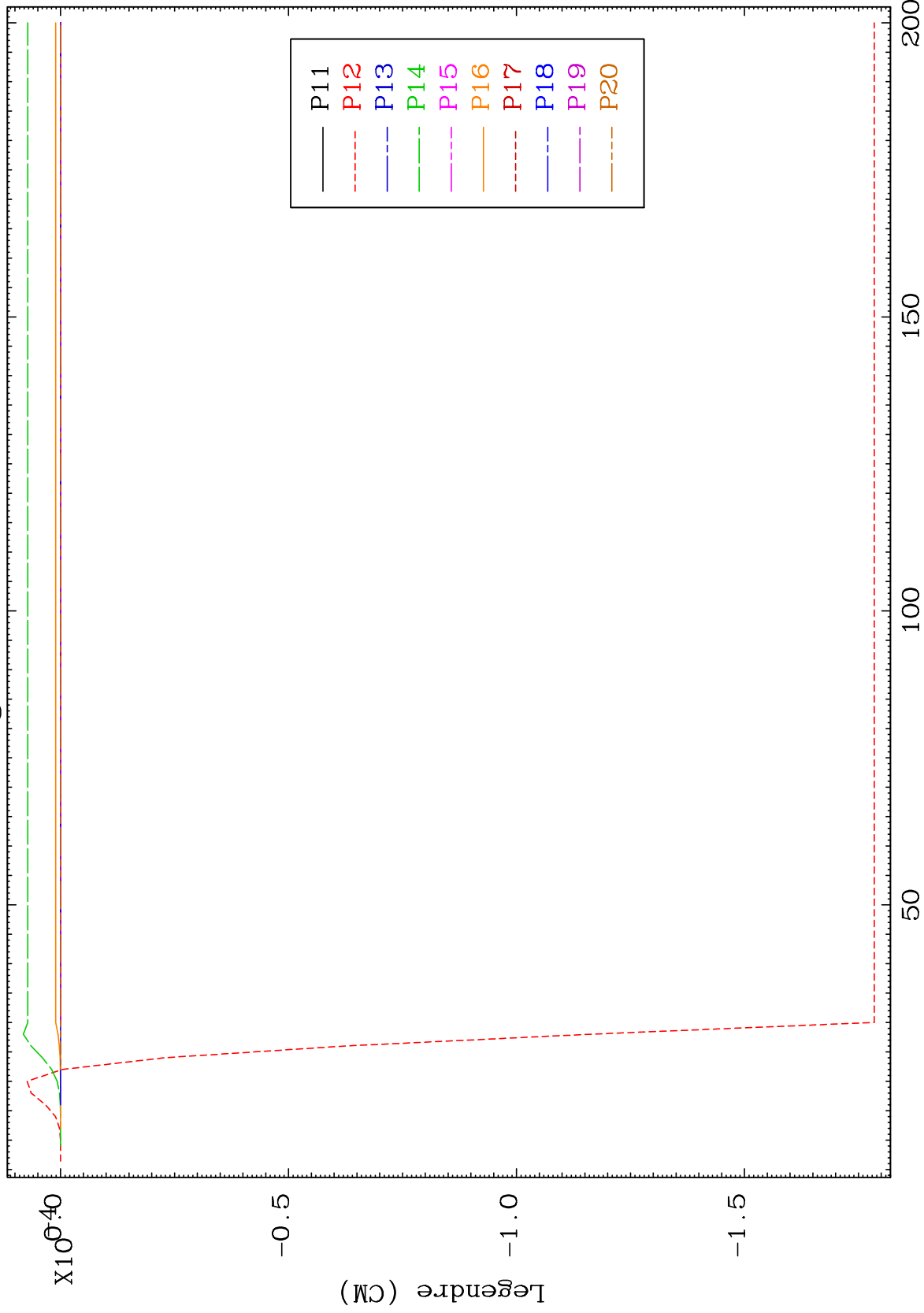




MAT 3146

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

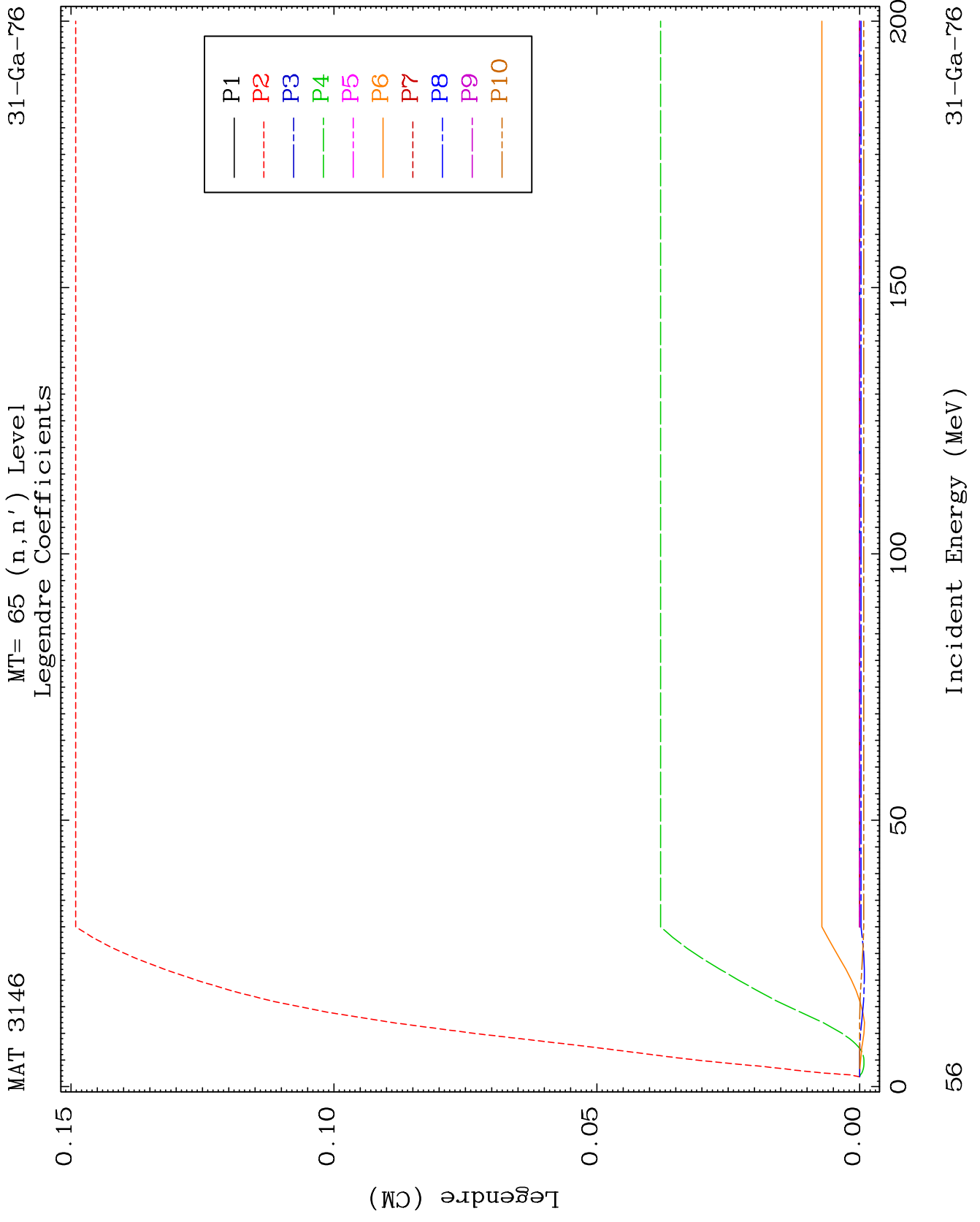
31-Ga-76



55

Incident Energy (MeV)

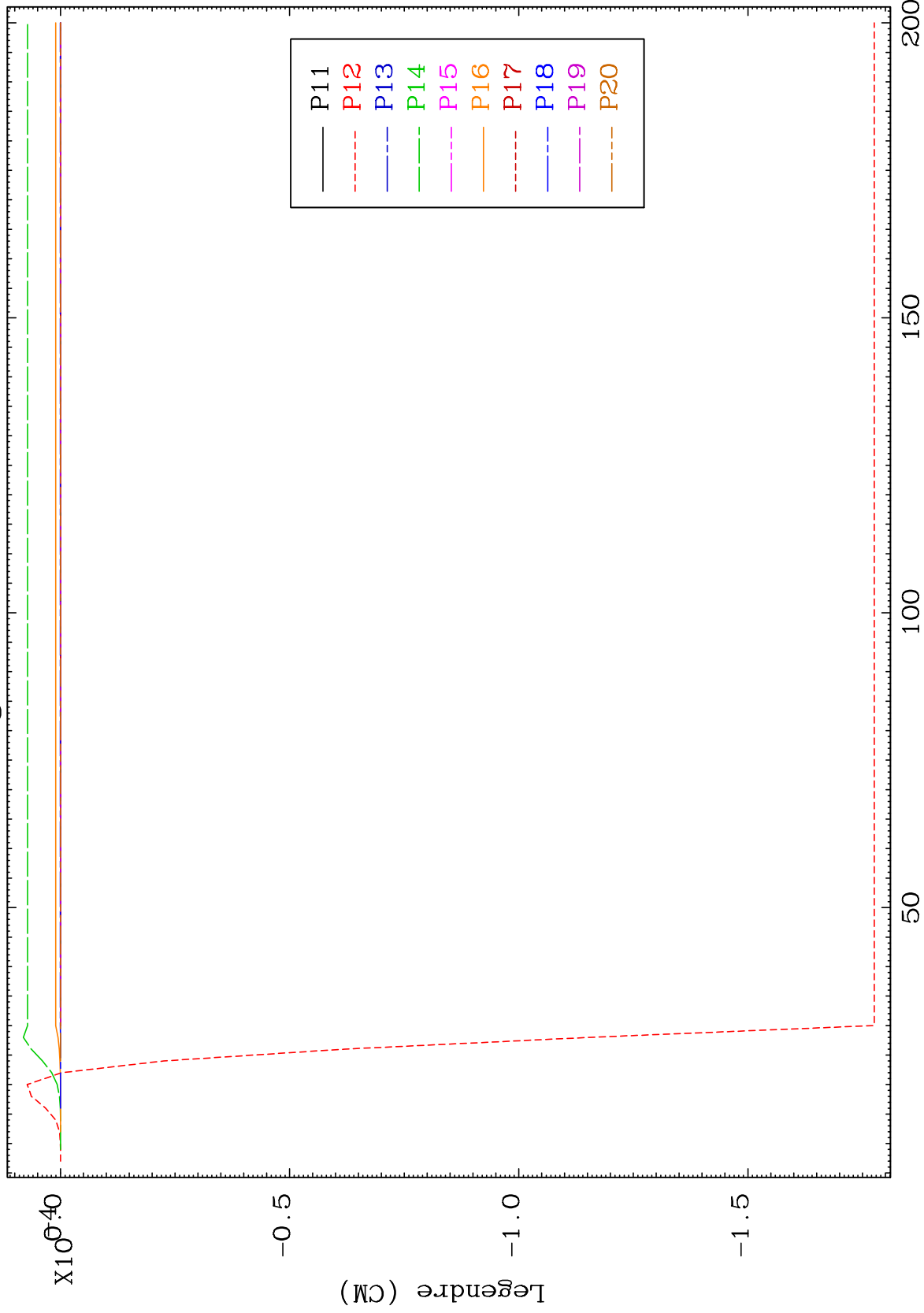
31-Ga-76



MAT 3146

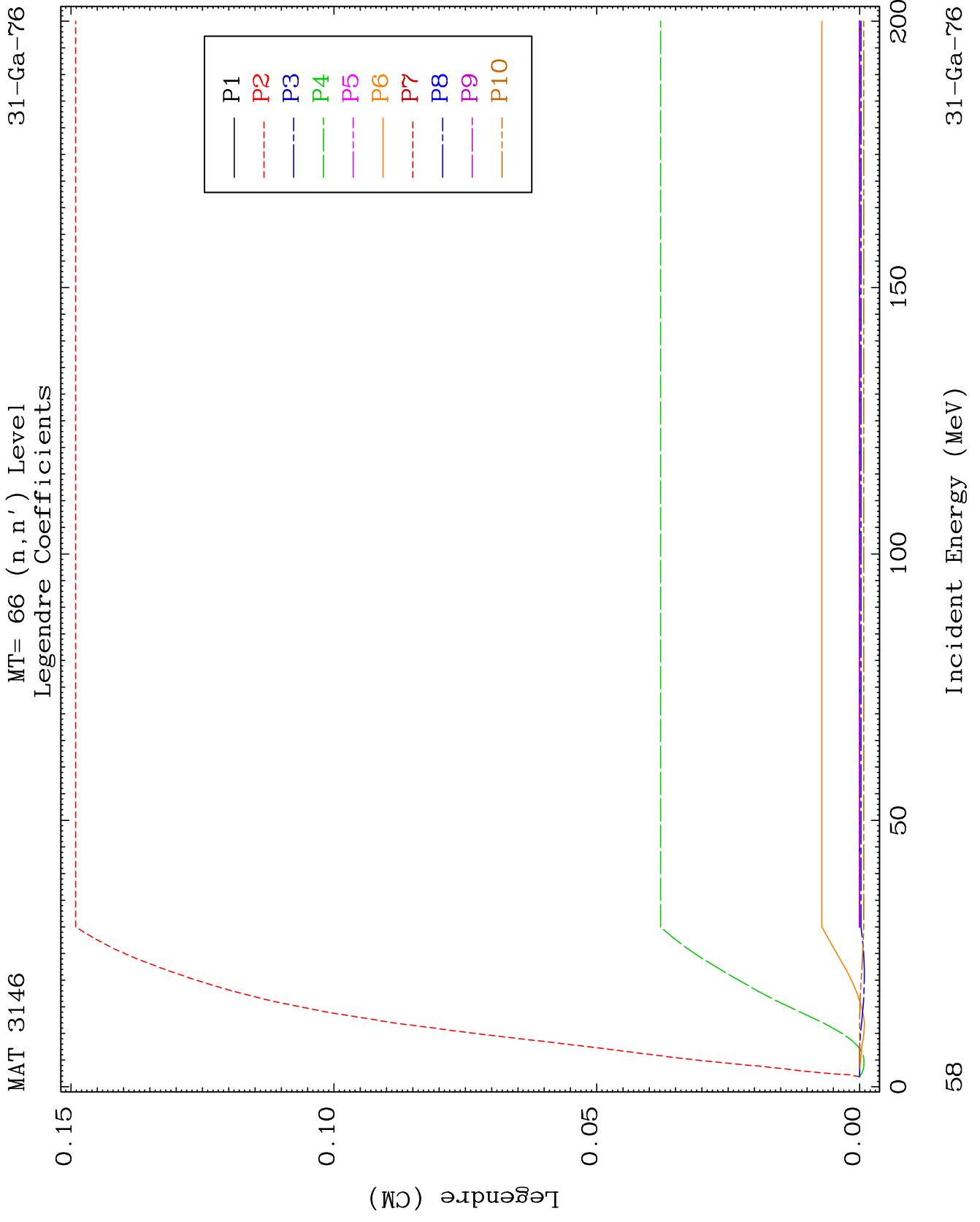
MT= 65 (n,n') Level
Legendre Coefficients

31-Ga-76



57

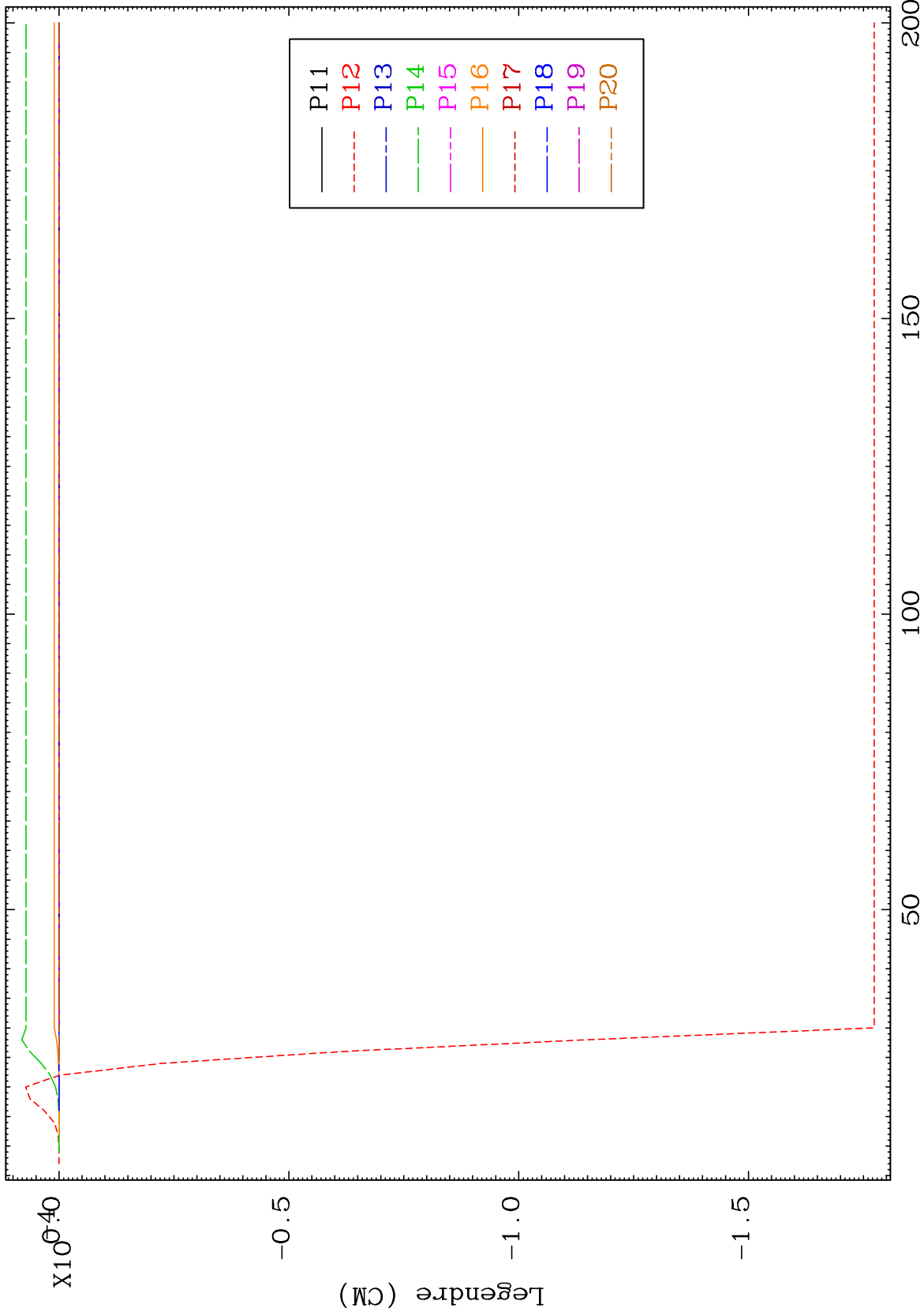
31-Ga-76

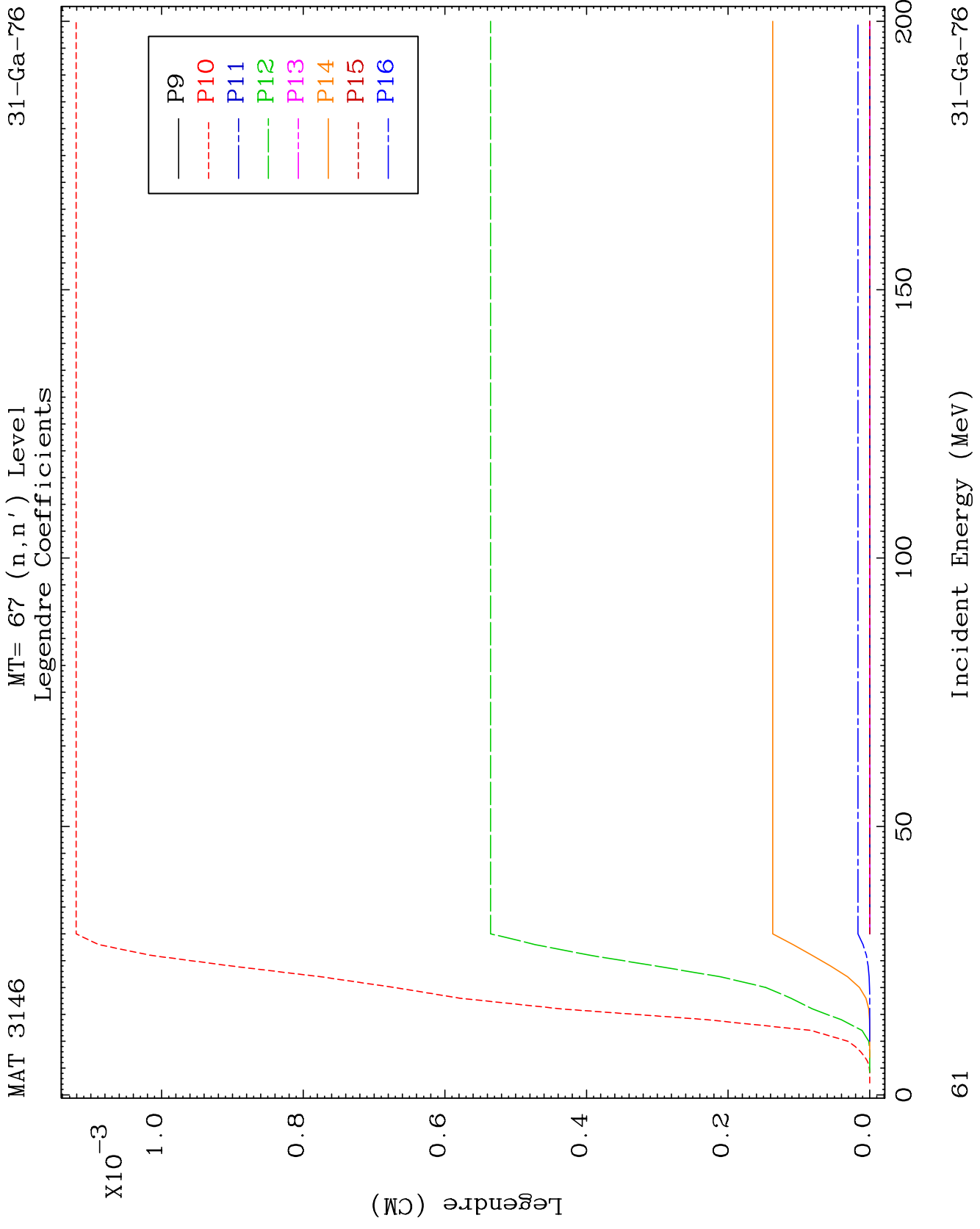


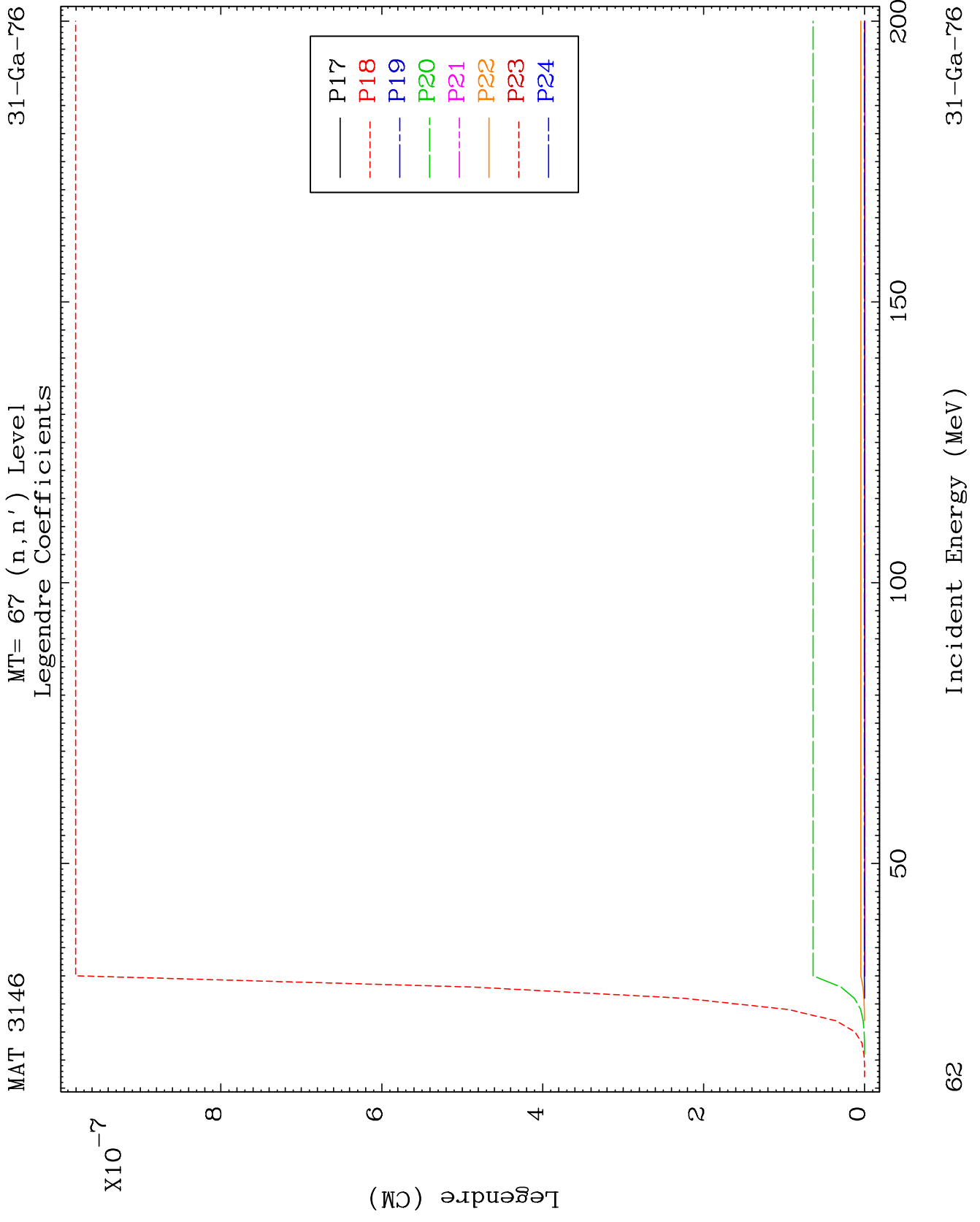
MAT 3146

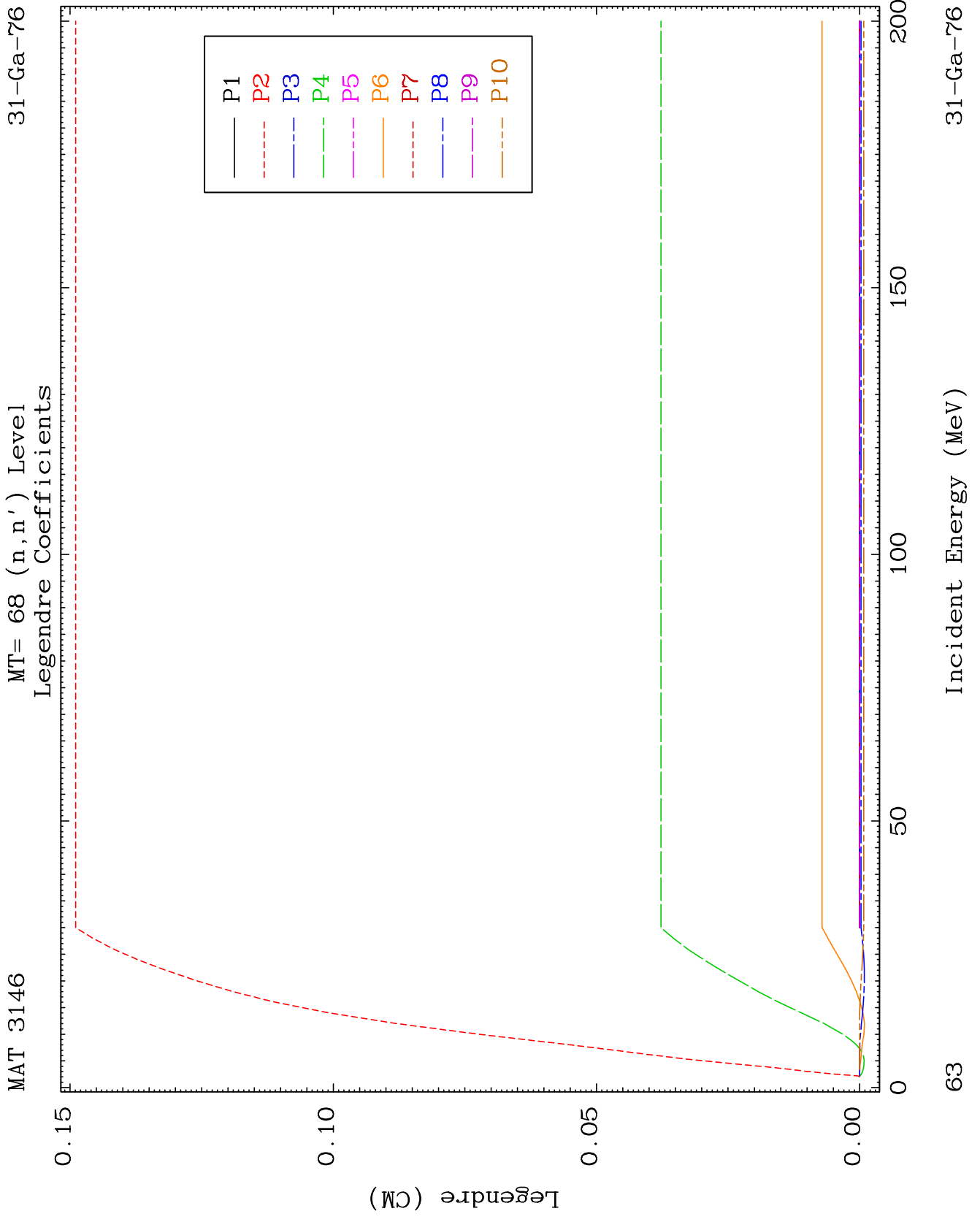
MT= 66 (n,n') Level
Legendre Coefficients

31-Ga-76





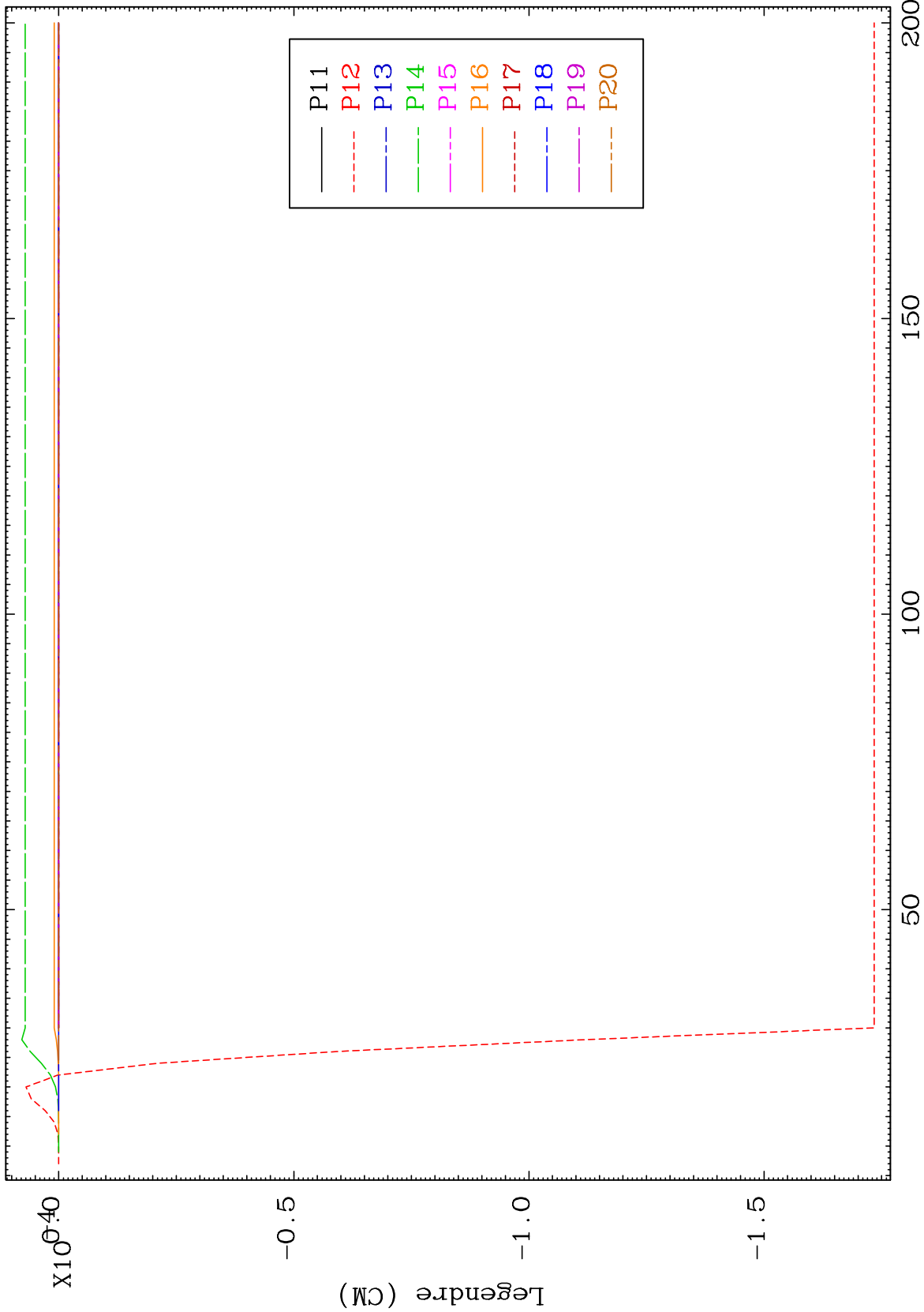




MAT 3146

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

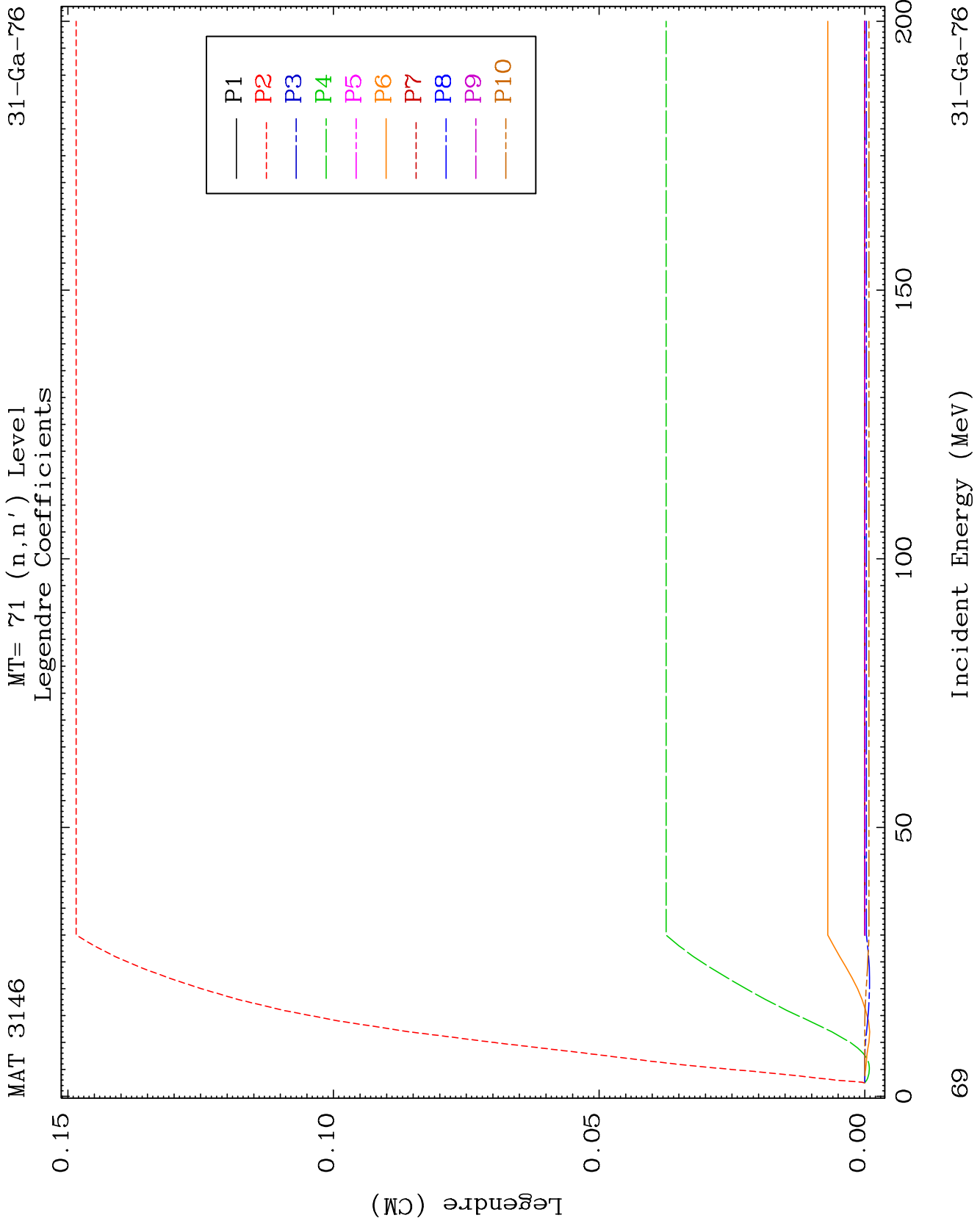
31-Ga-76

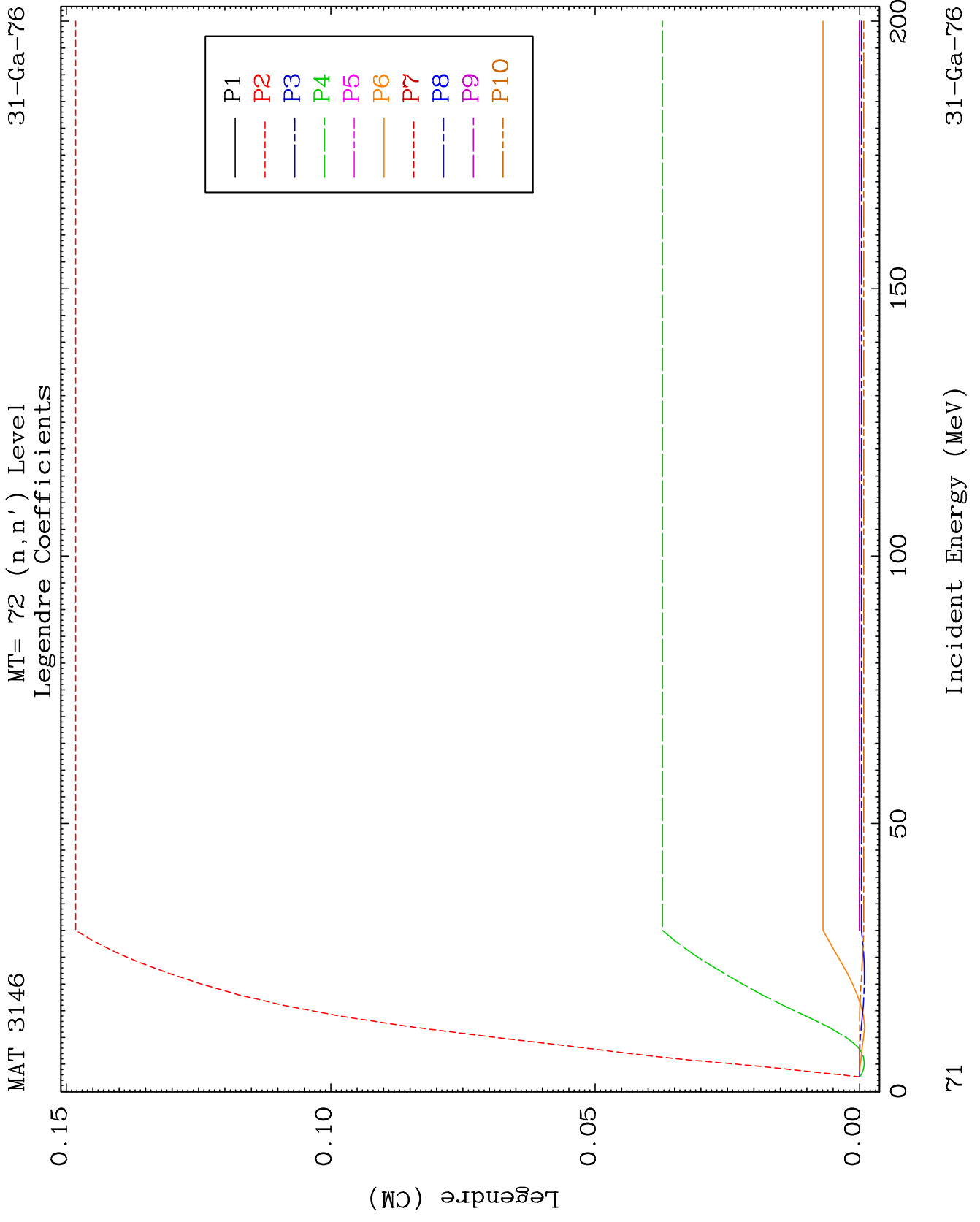


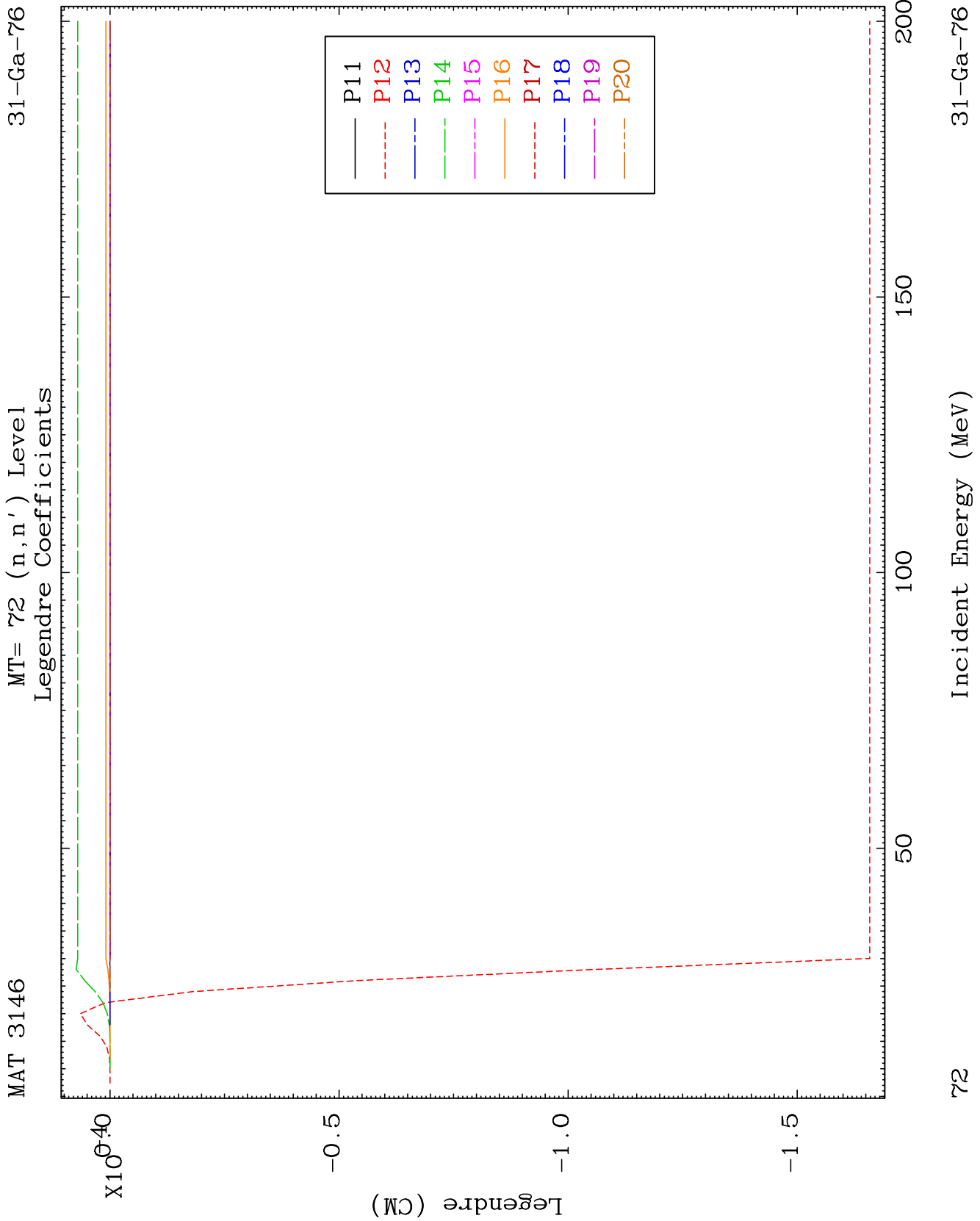
66

Incident Energy (MeV)

31-Ga-76



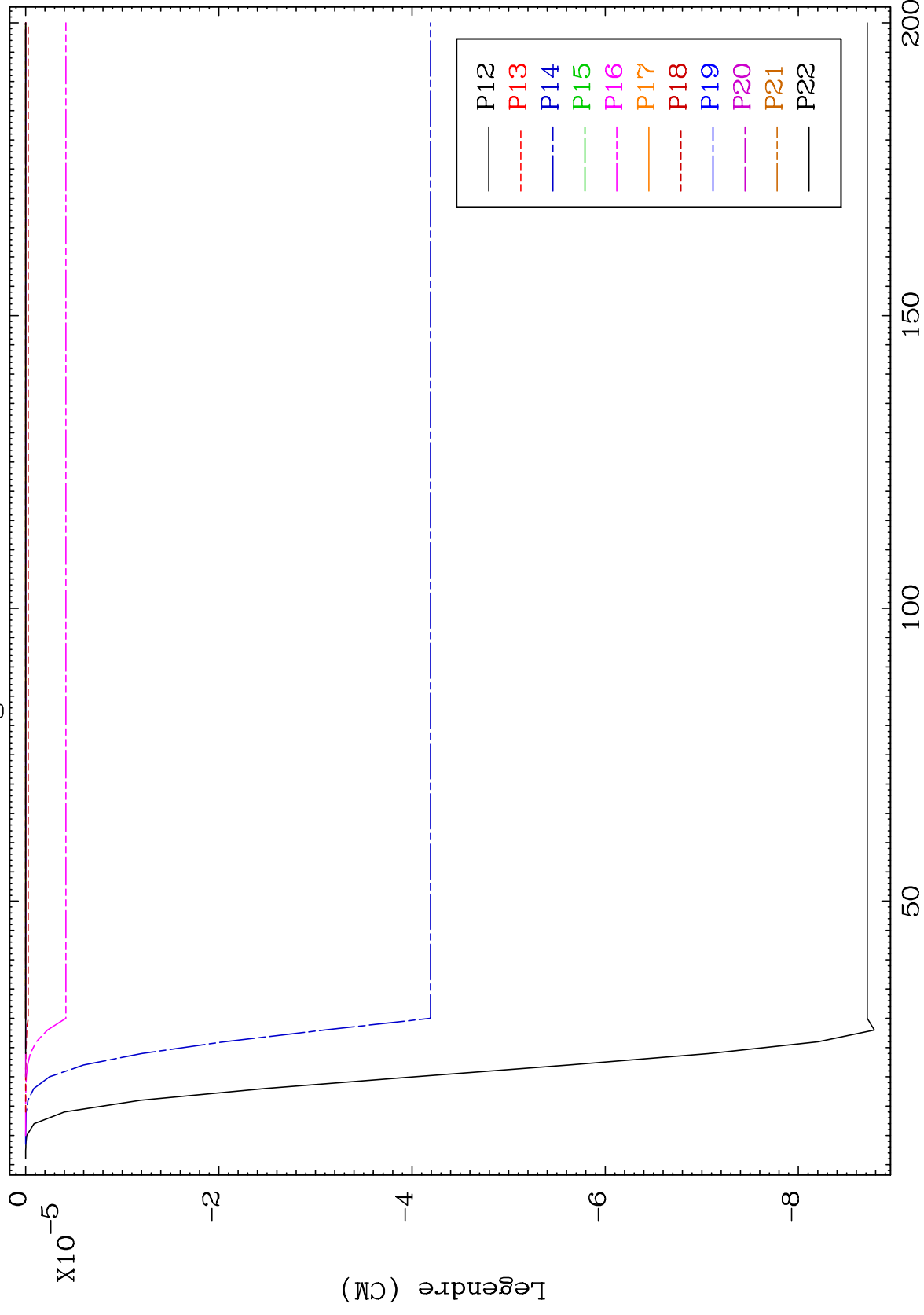




MAT 3146

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

31-Ga-76



31-Ga-76

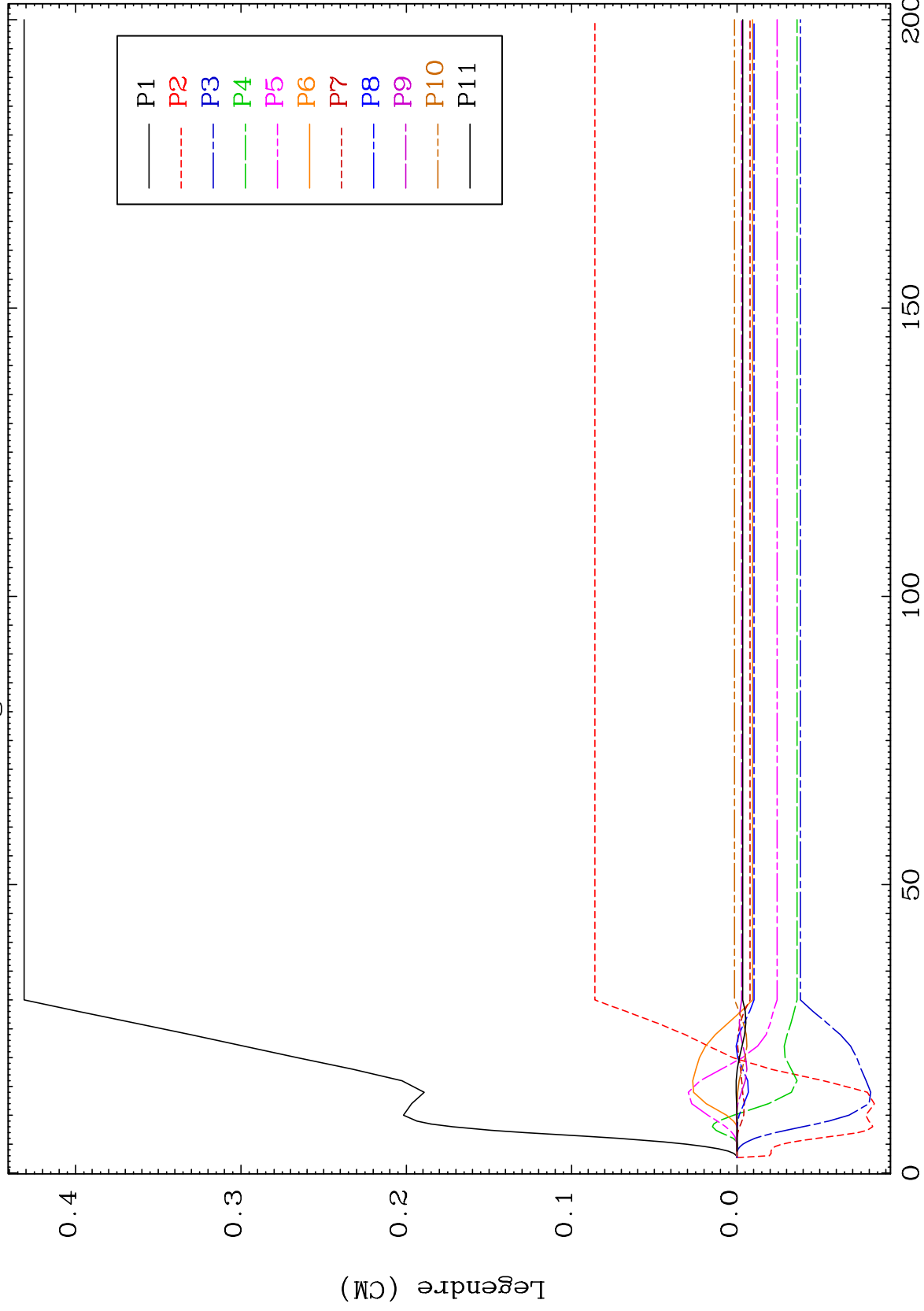
Incident Energy (MeV)

74

MAT 3146

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

31-Ga-76



75

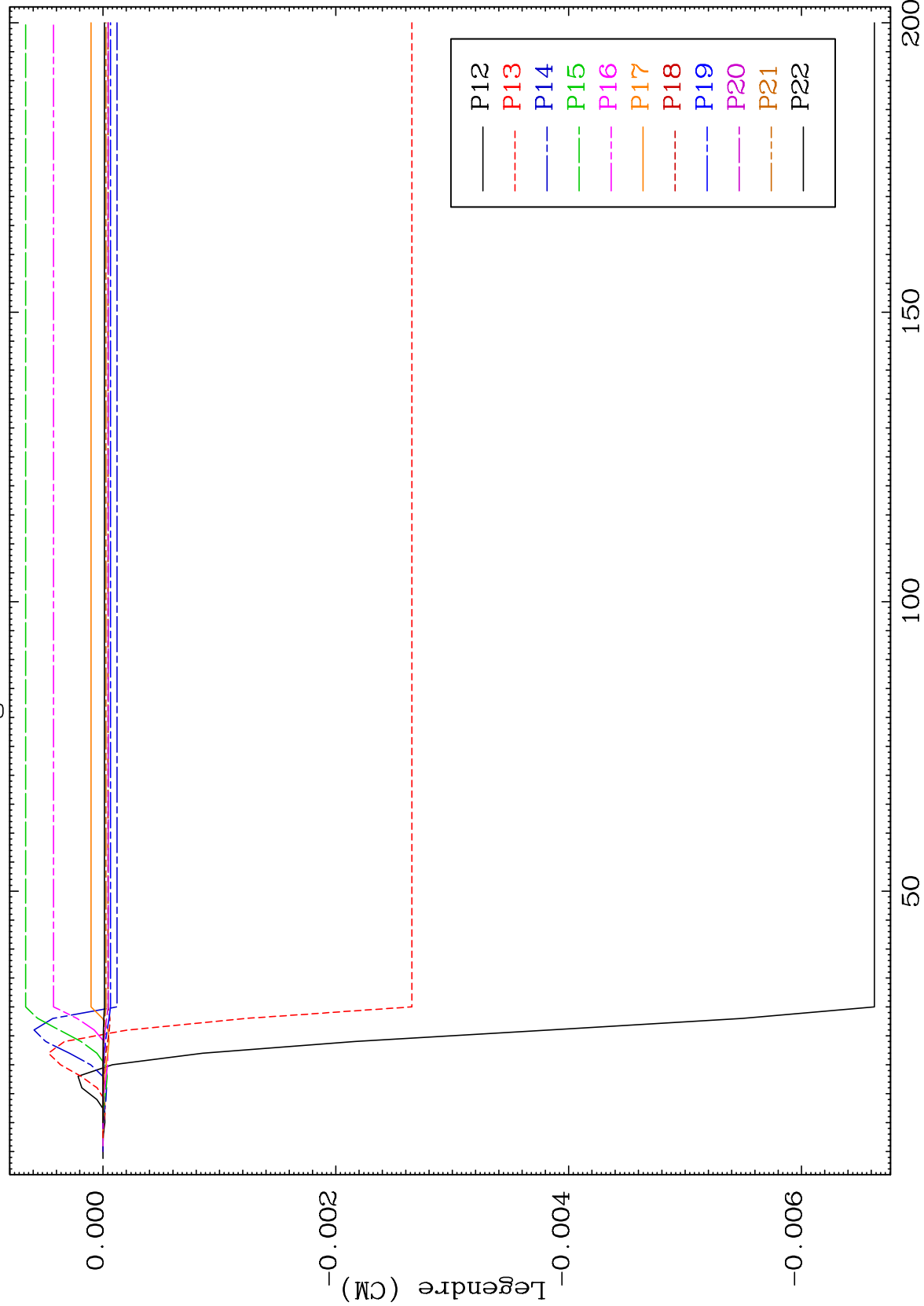
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

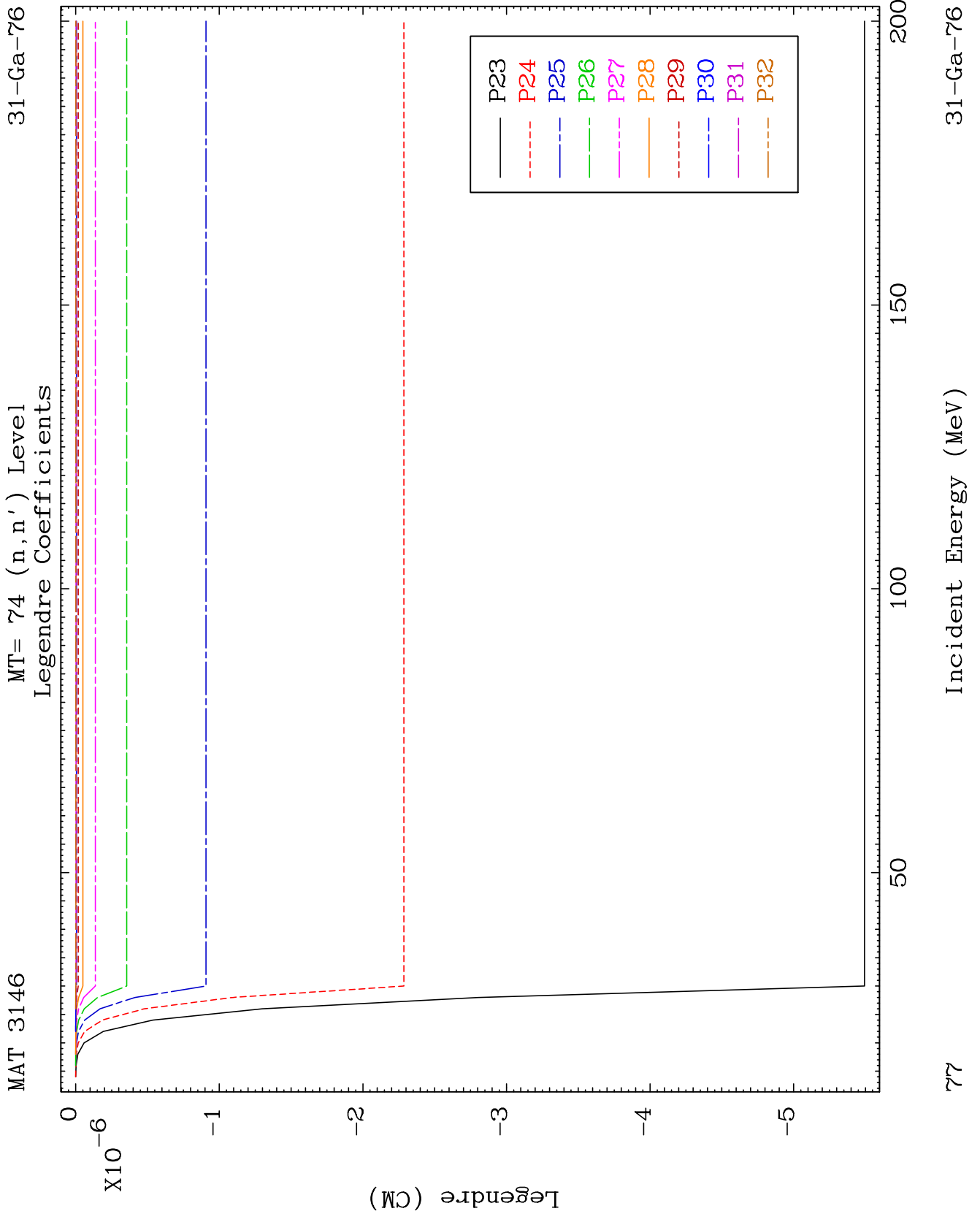
31-Ga-76



76

Incident Energy (MeV)

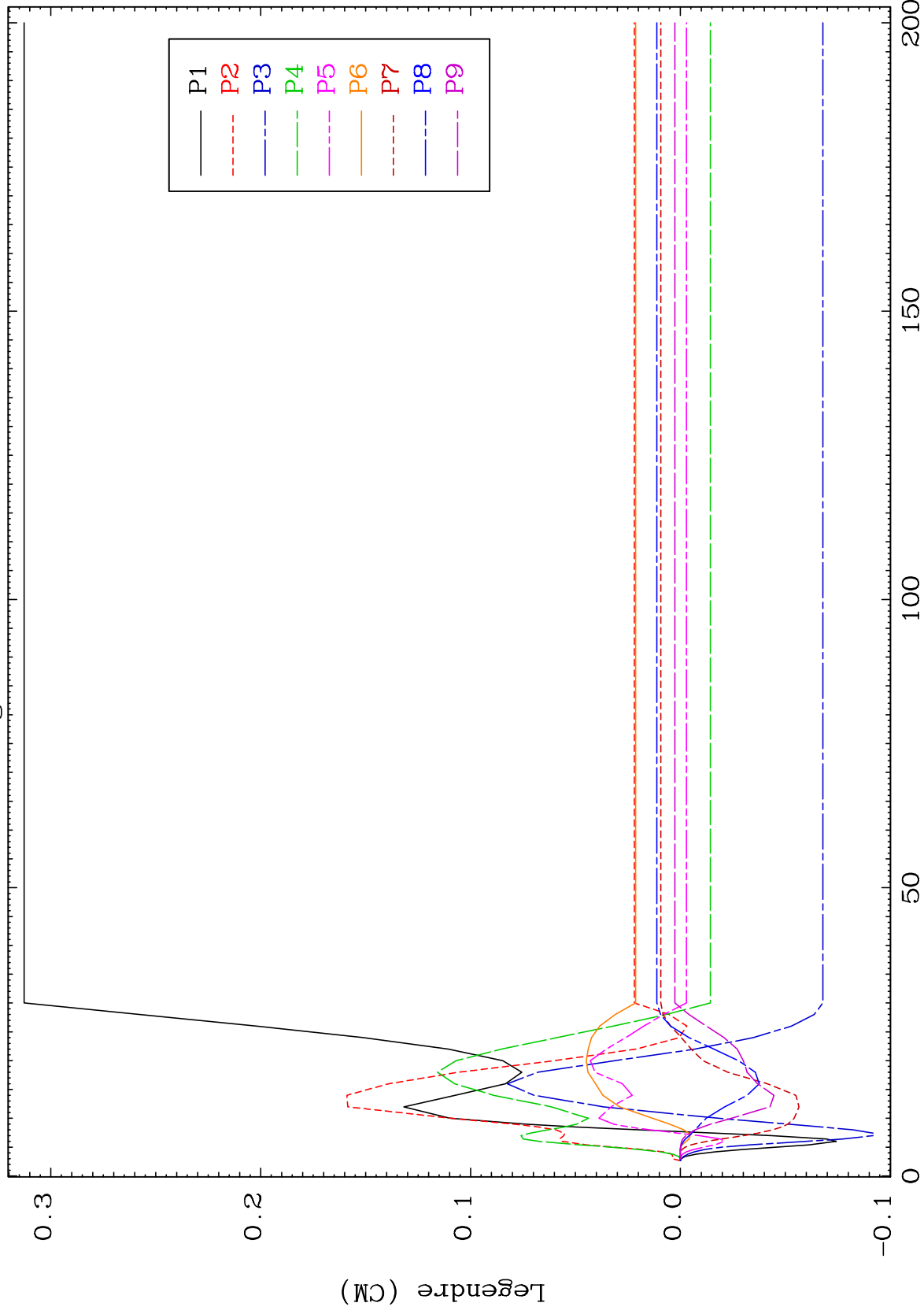
31-Ga-76



MAT 3146

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

31-Ga-76



78

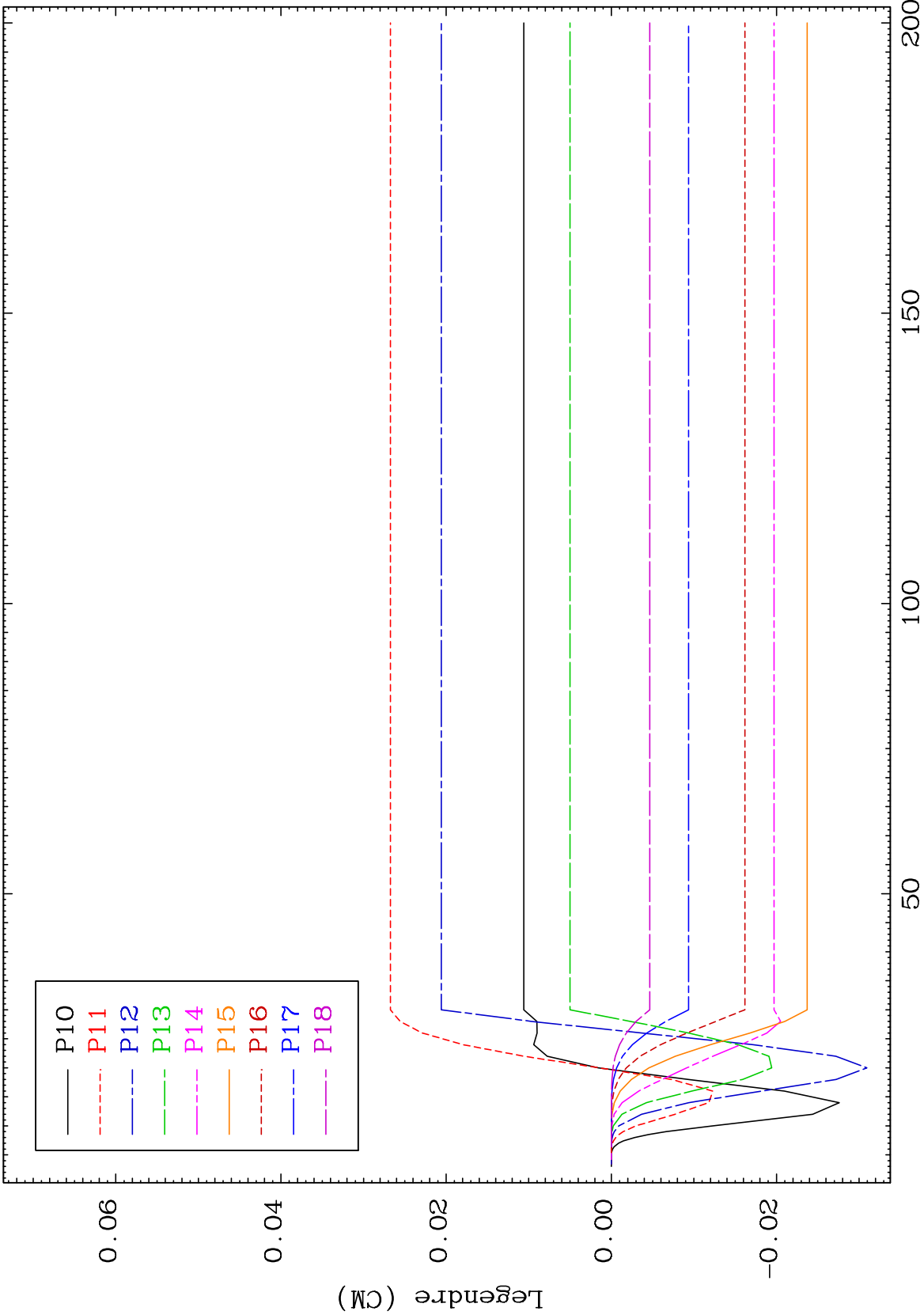
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

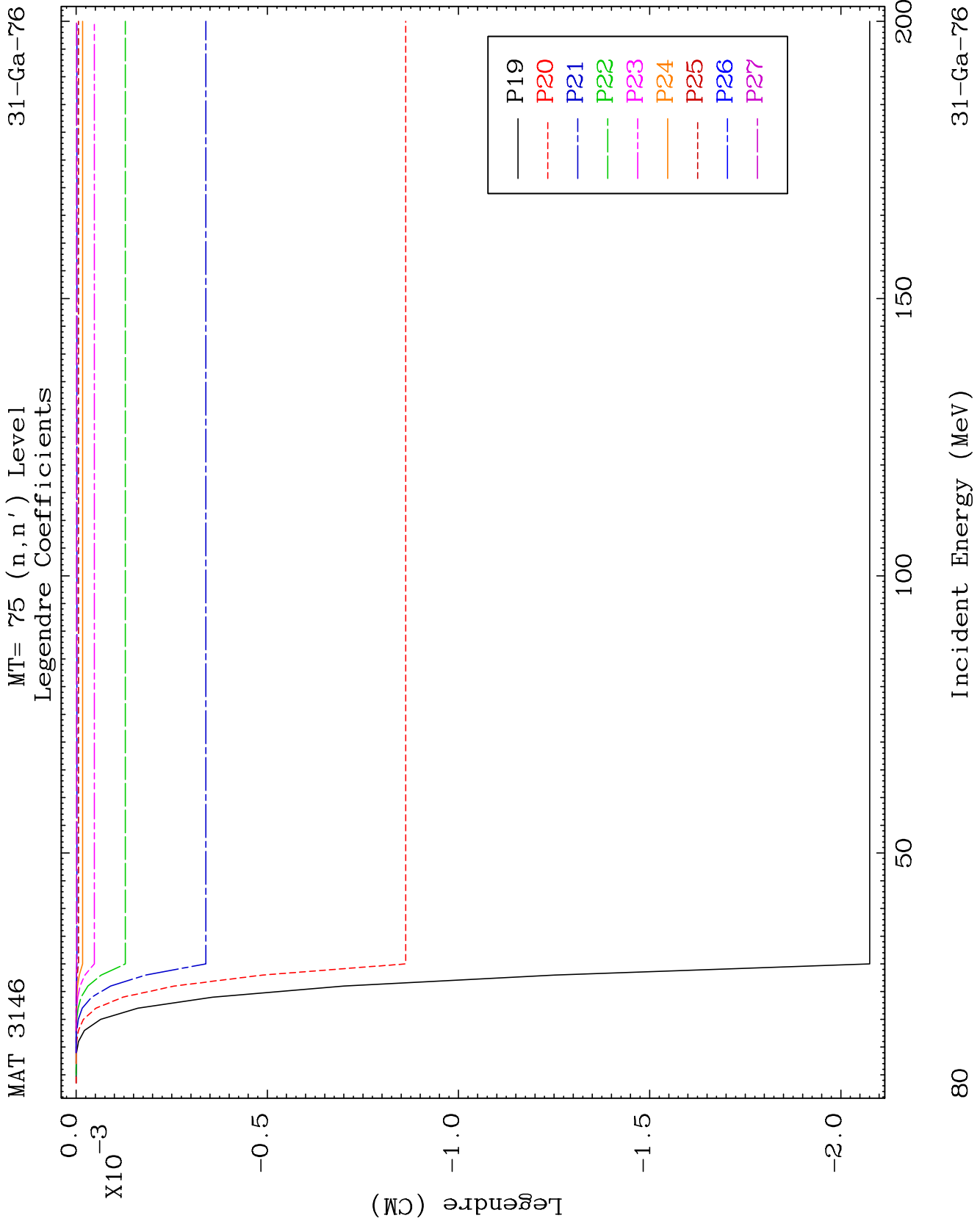
31-Ga-76

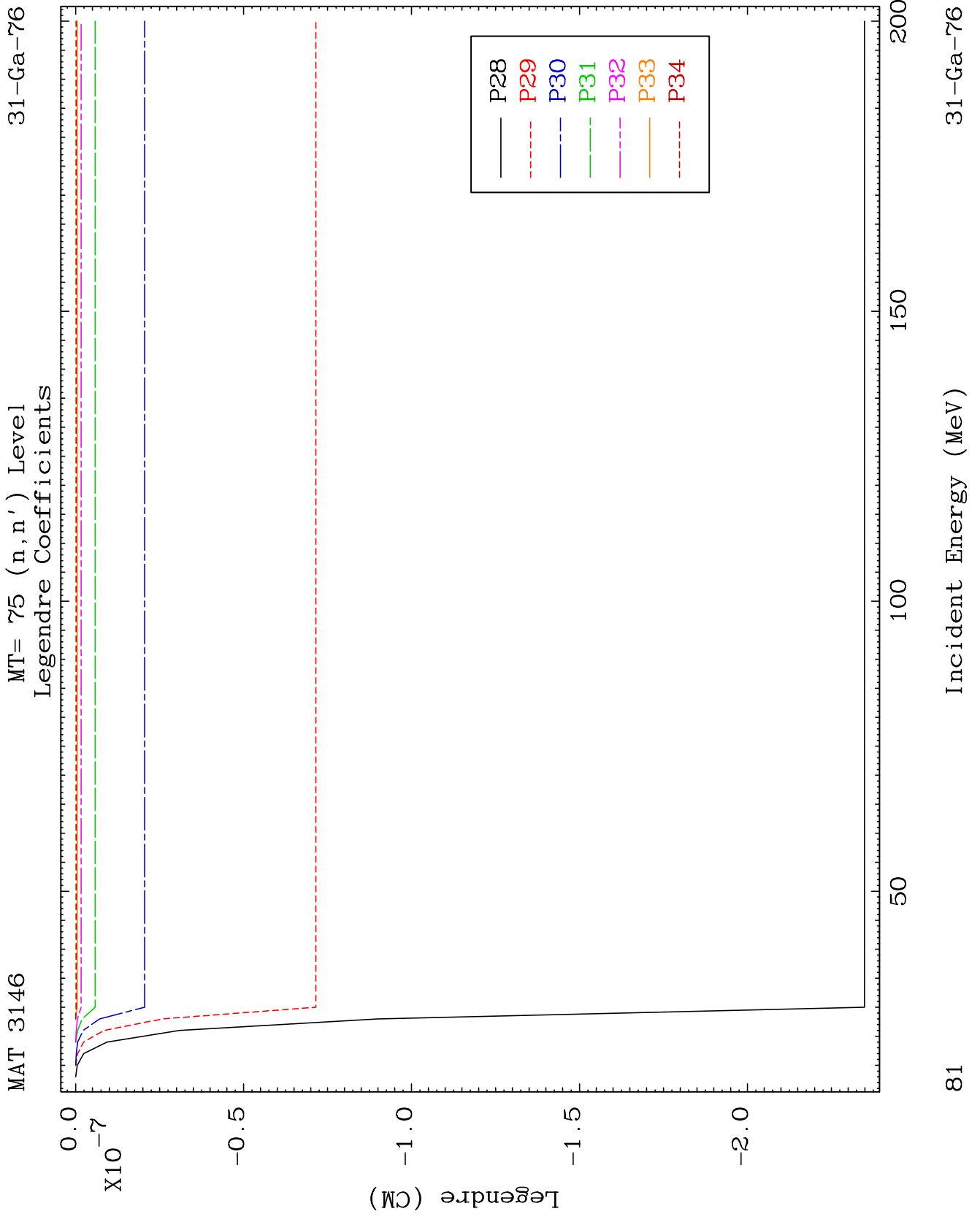


79

Incident Energy (MeV)

31-Ga-76

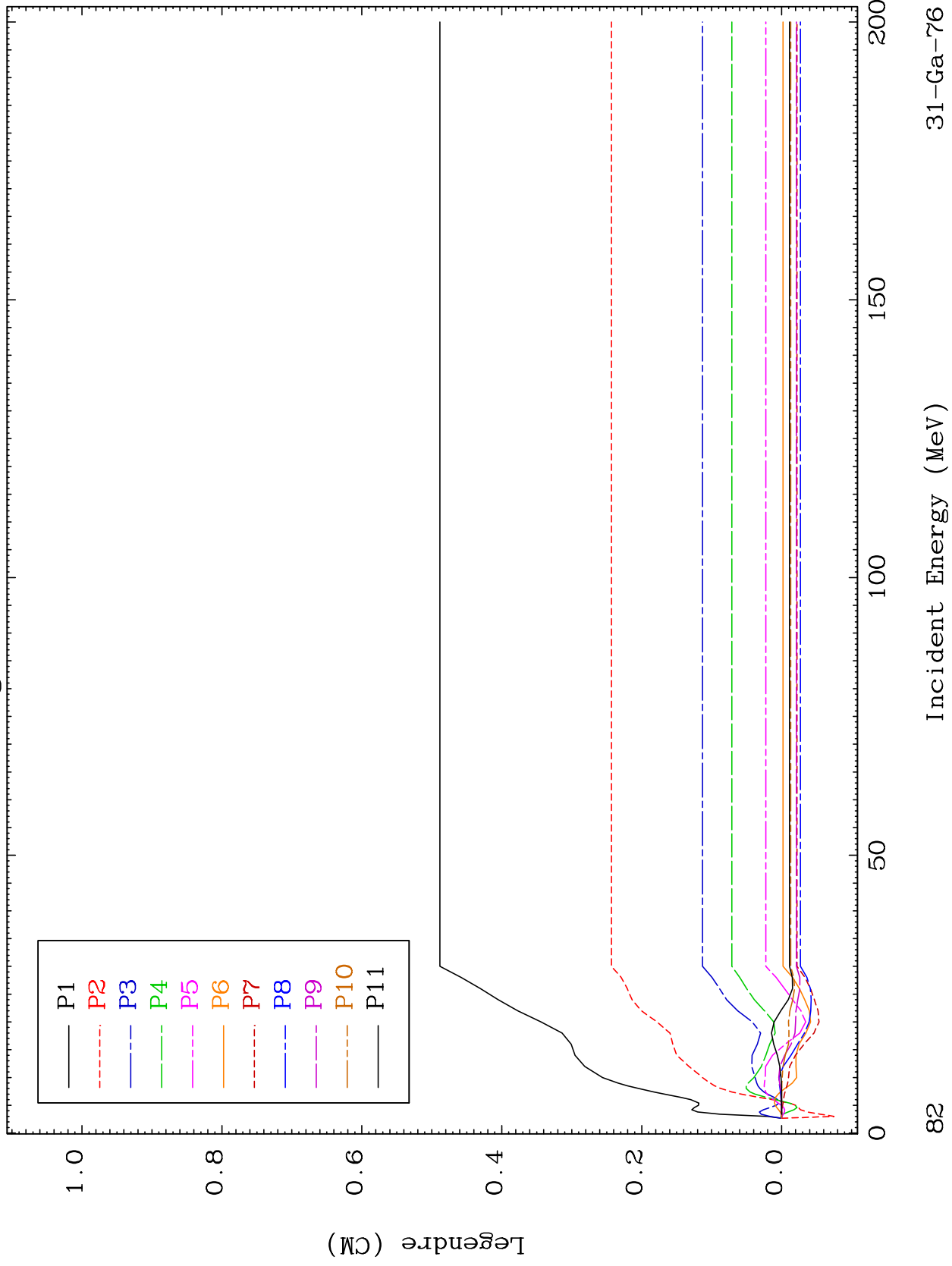




MAT 3146

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

31-Ga-76



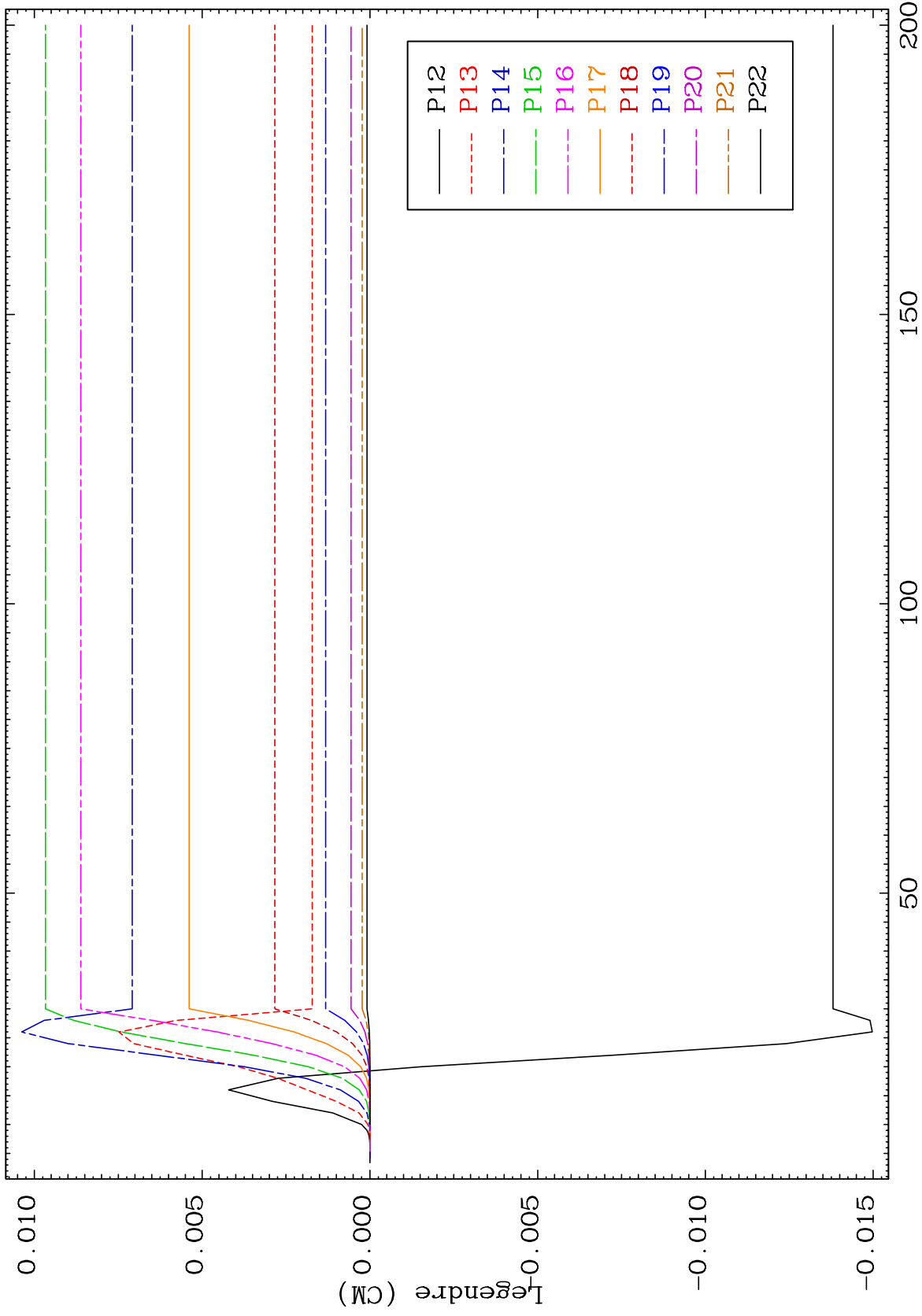
82

31-Ga-76

MAT 3146

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

31-Ga-76



83

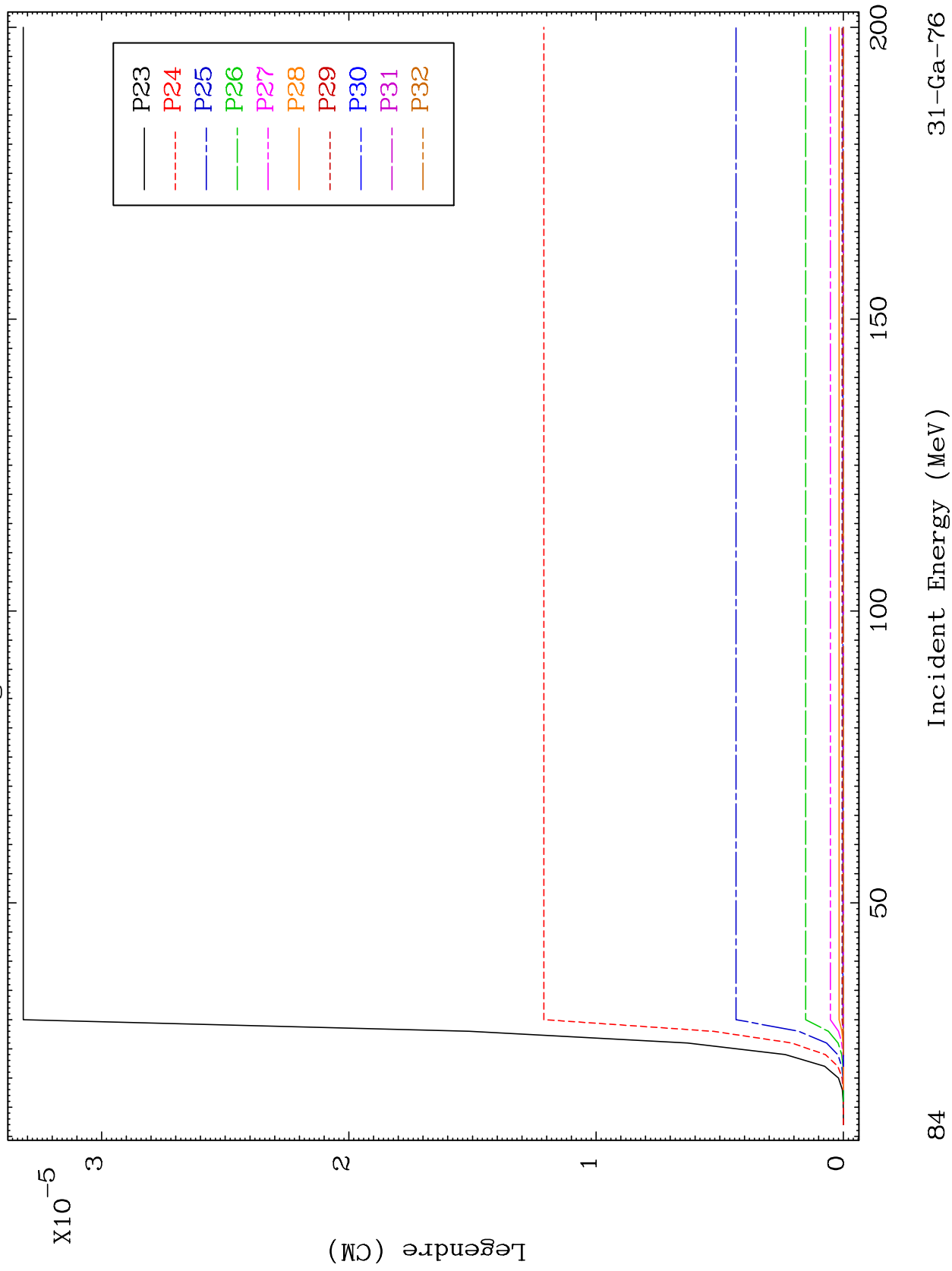
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

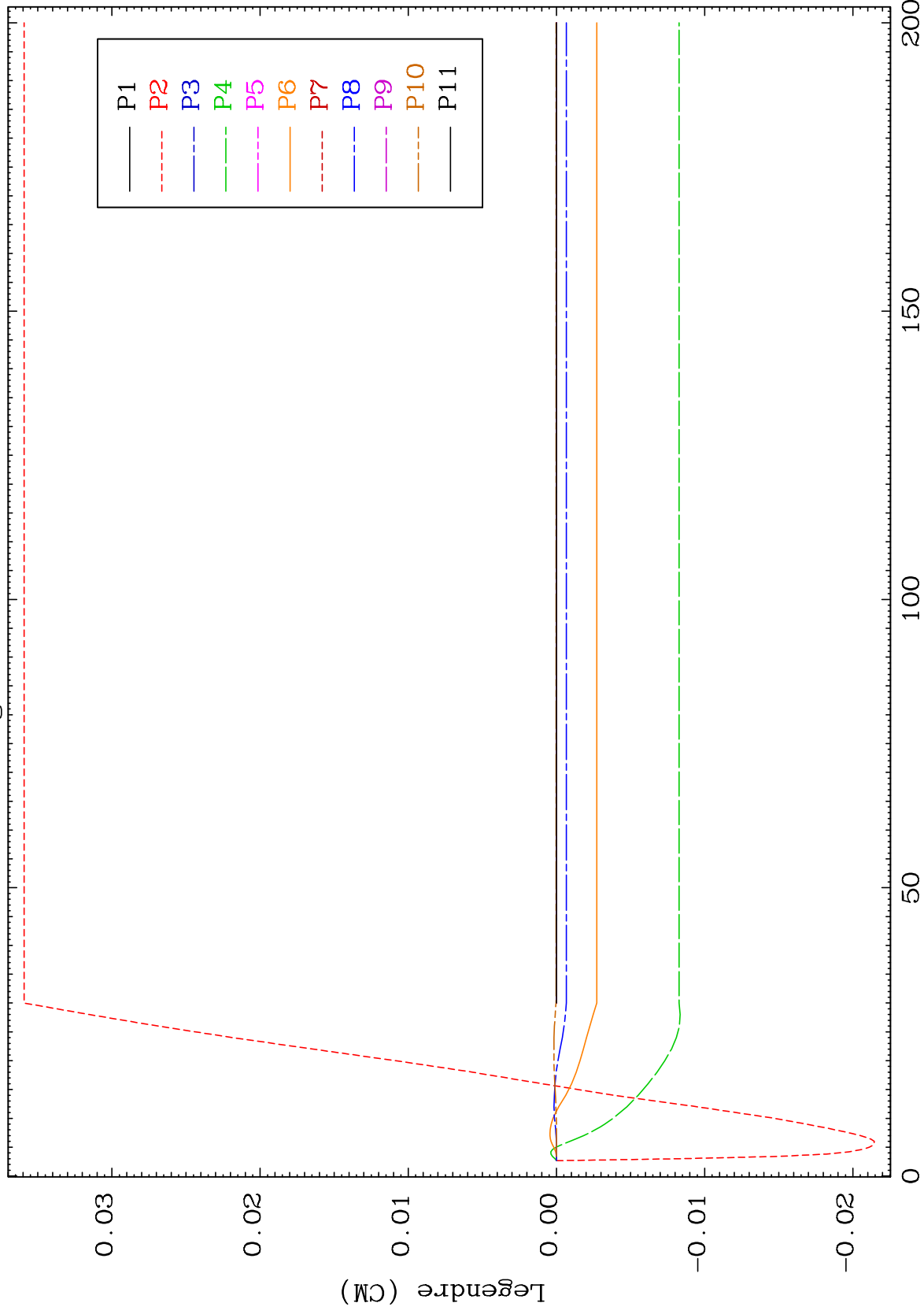
31-Ga-76



MAT 3146

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

31-Ga-76



31-Ga-76

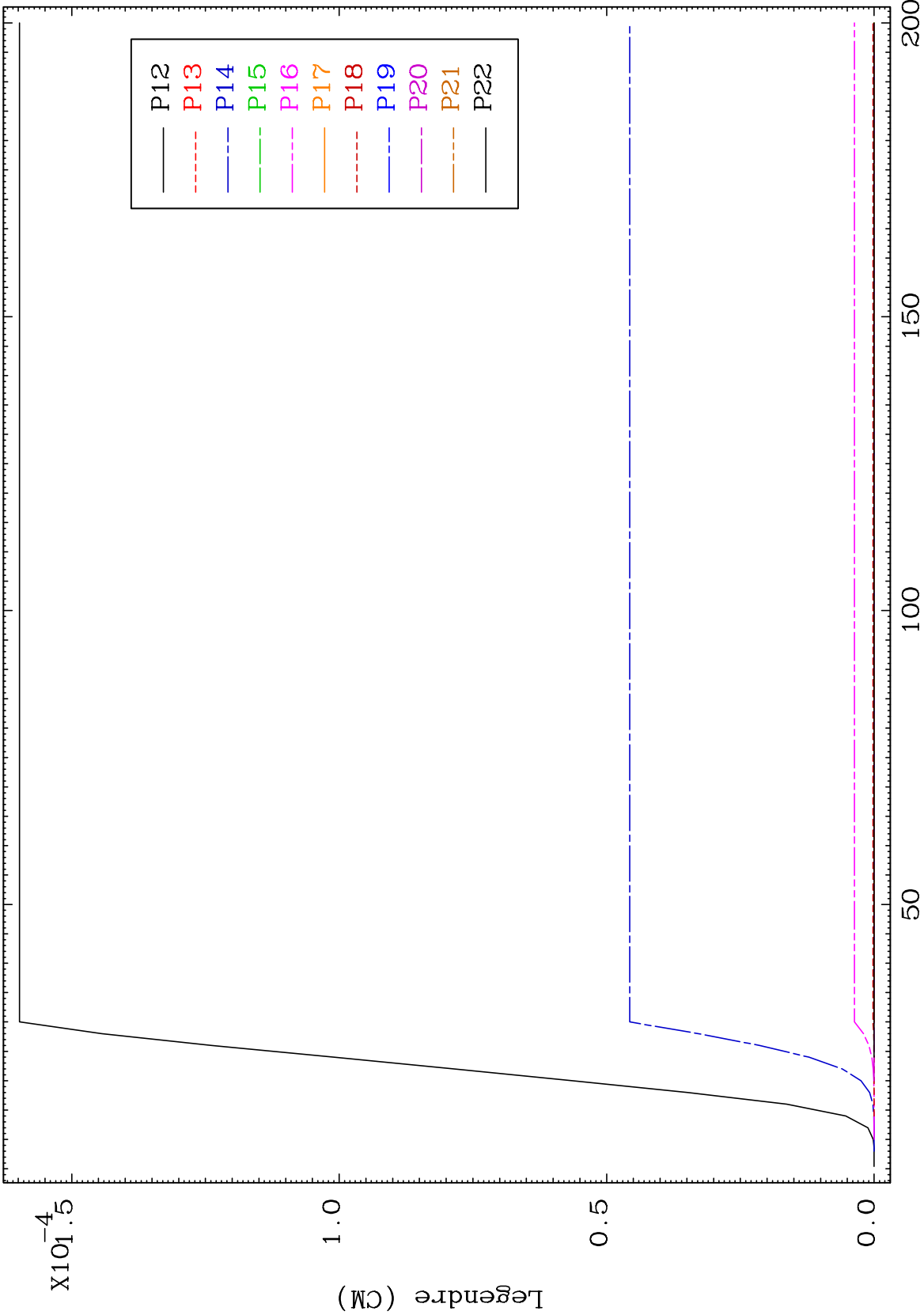
Incident Energy (MeV)

85

MAT 3146

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

31-Ga-76



86

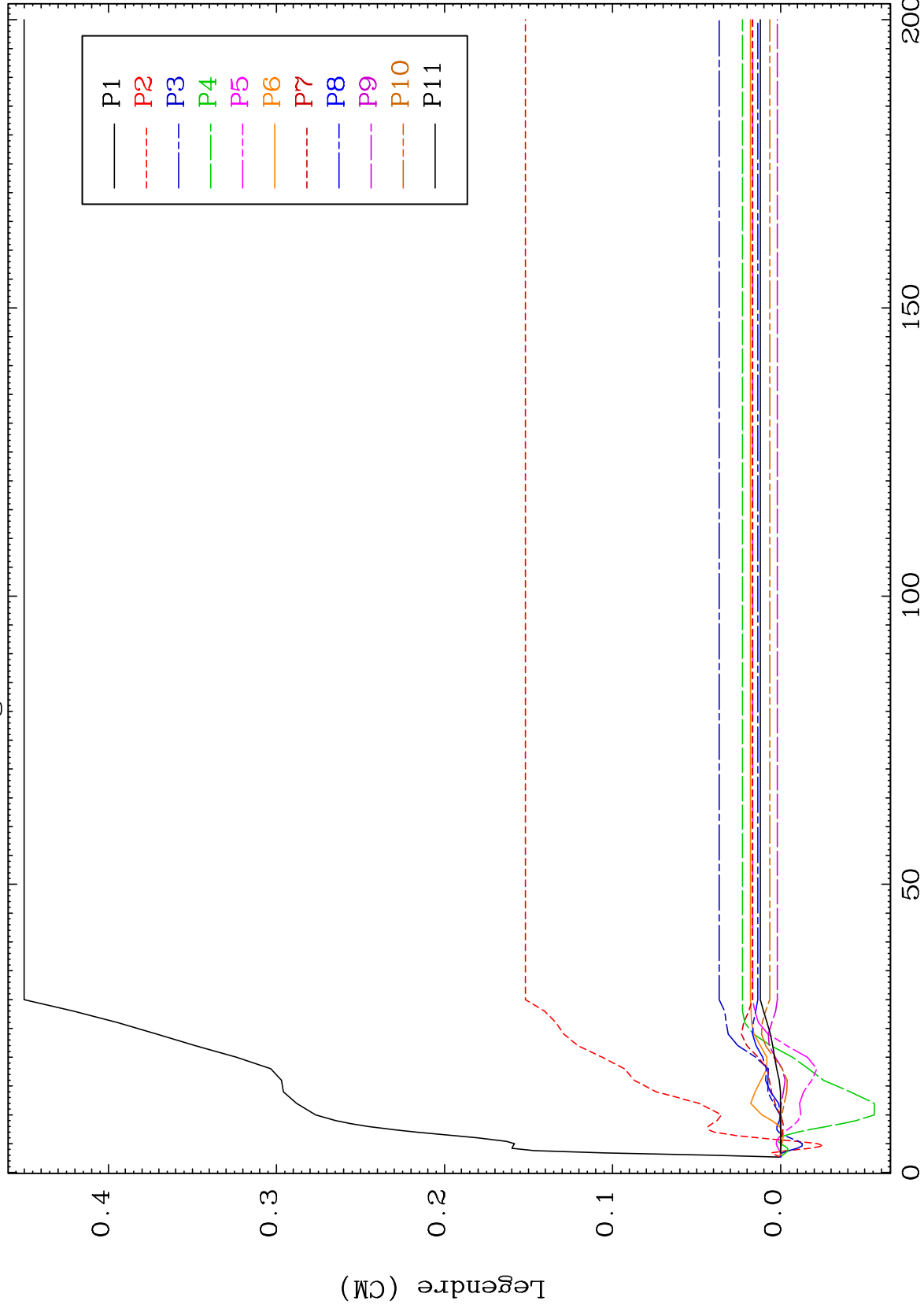
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



31-Ga-76

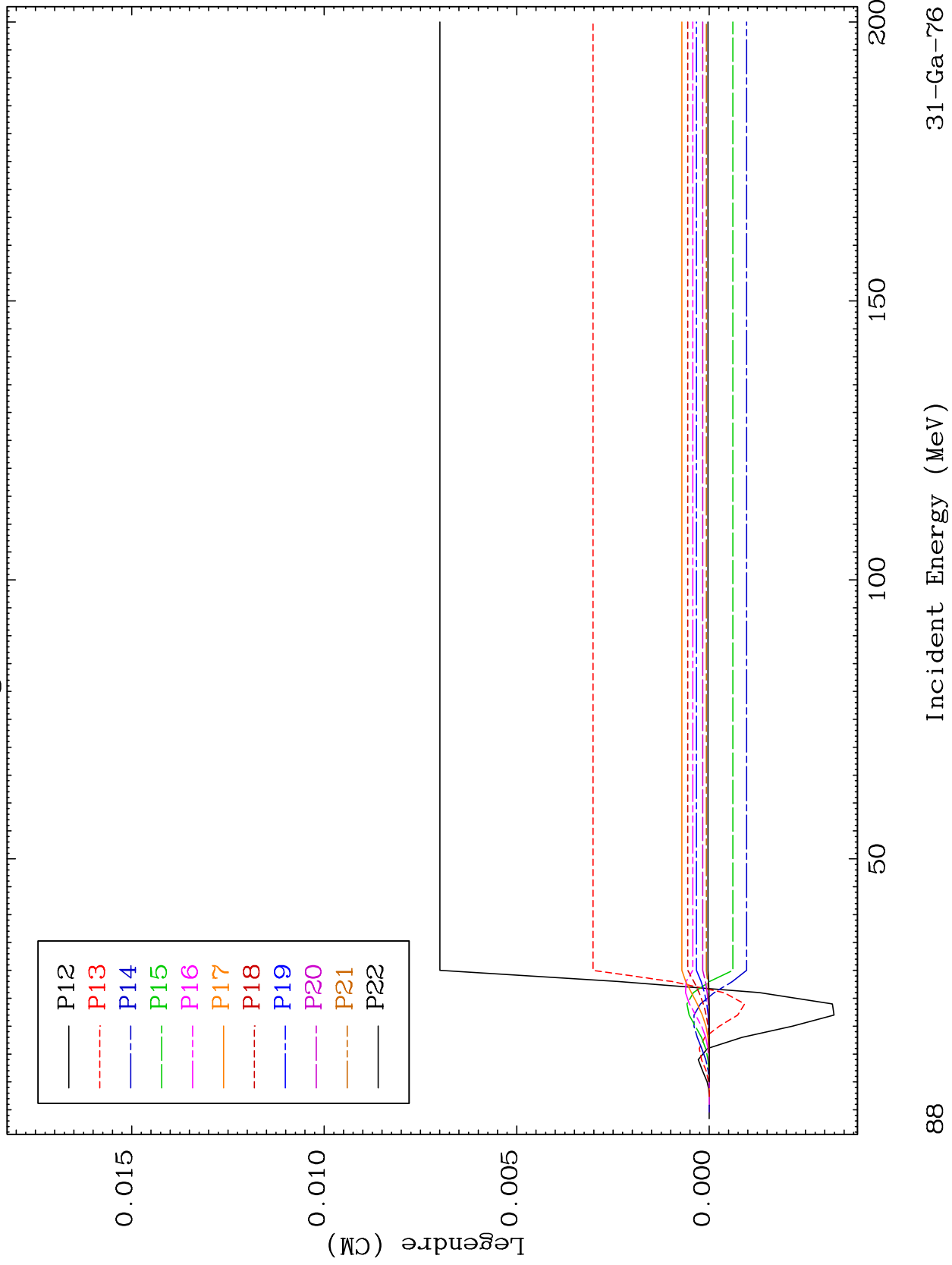
Incident Energy (MeV)

87

MAT 3146

31-Ga-76

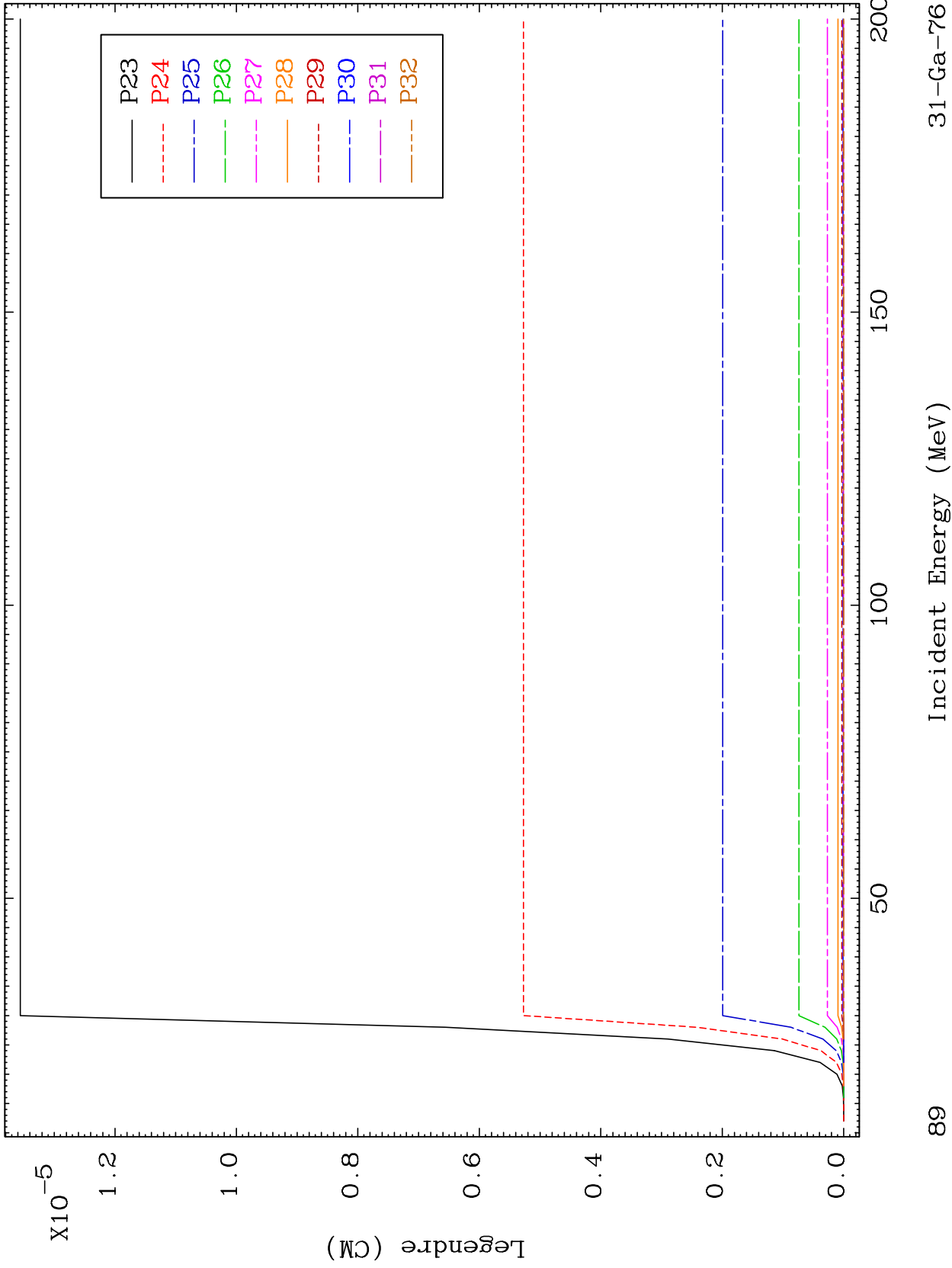
MT= 78 (n,n') Level
Legendre Coefficients



MAT 3146

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

31-Ga-76



89

Incident Energy (MeV)

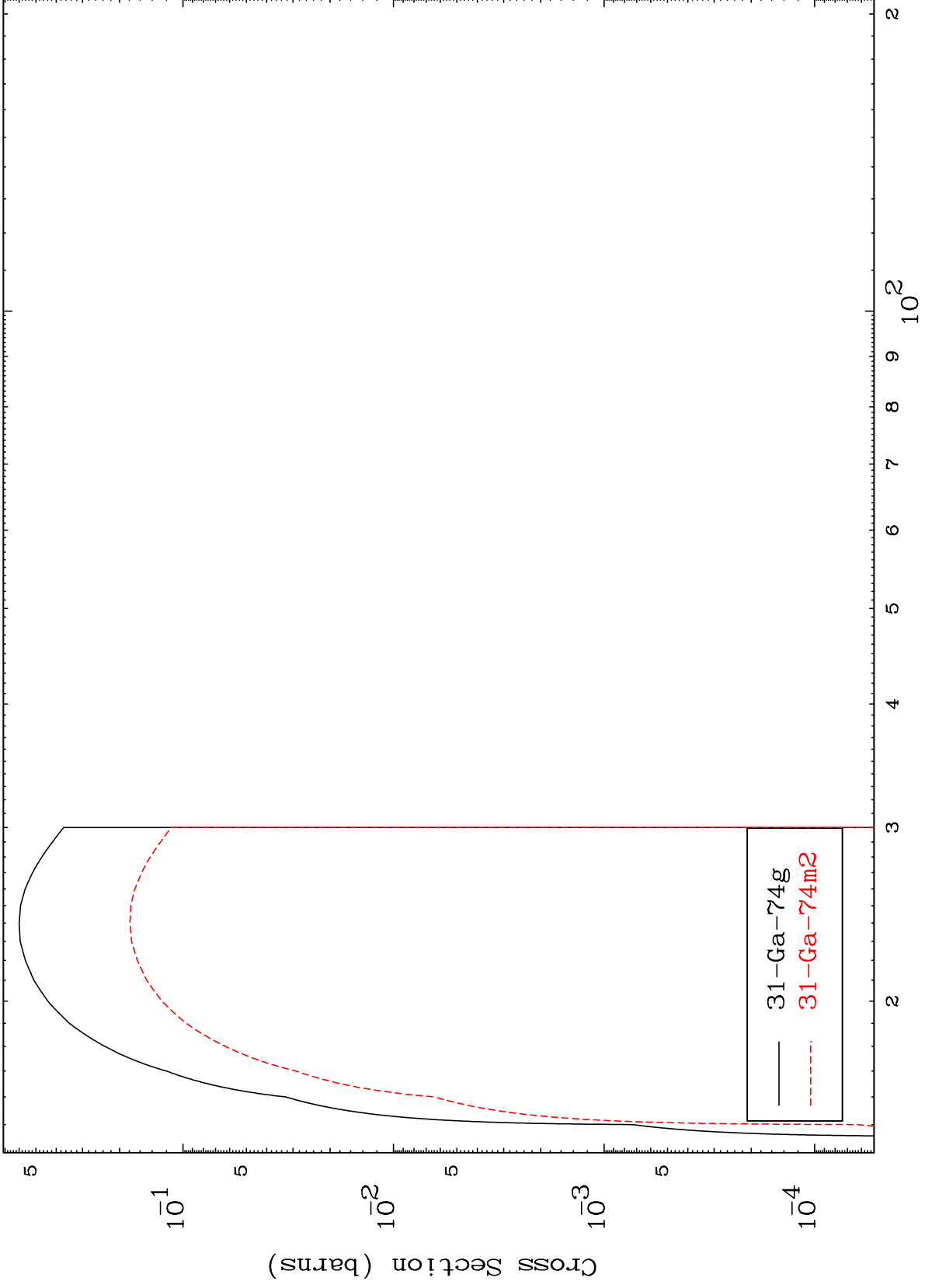
31-Ga-76

MAT 3146

(n,3n)

31-Ga-76

Radionuclide Production Cross Section



90

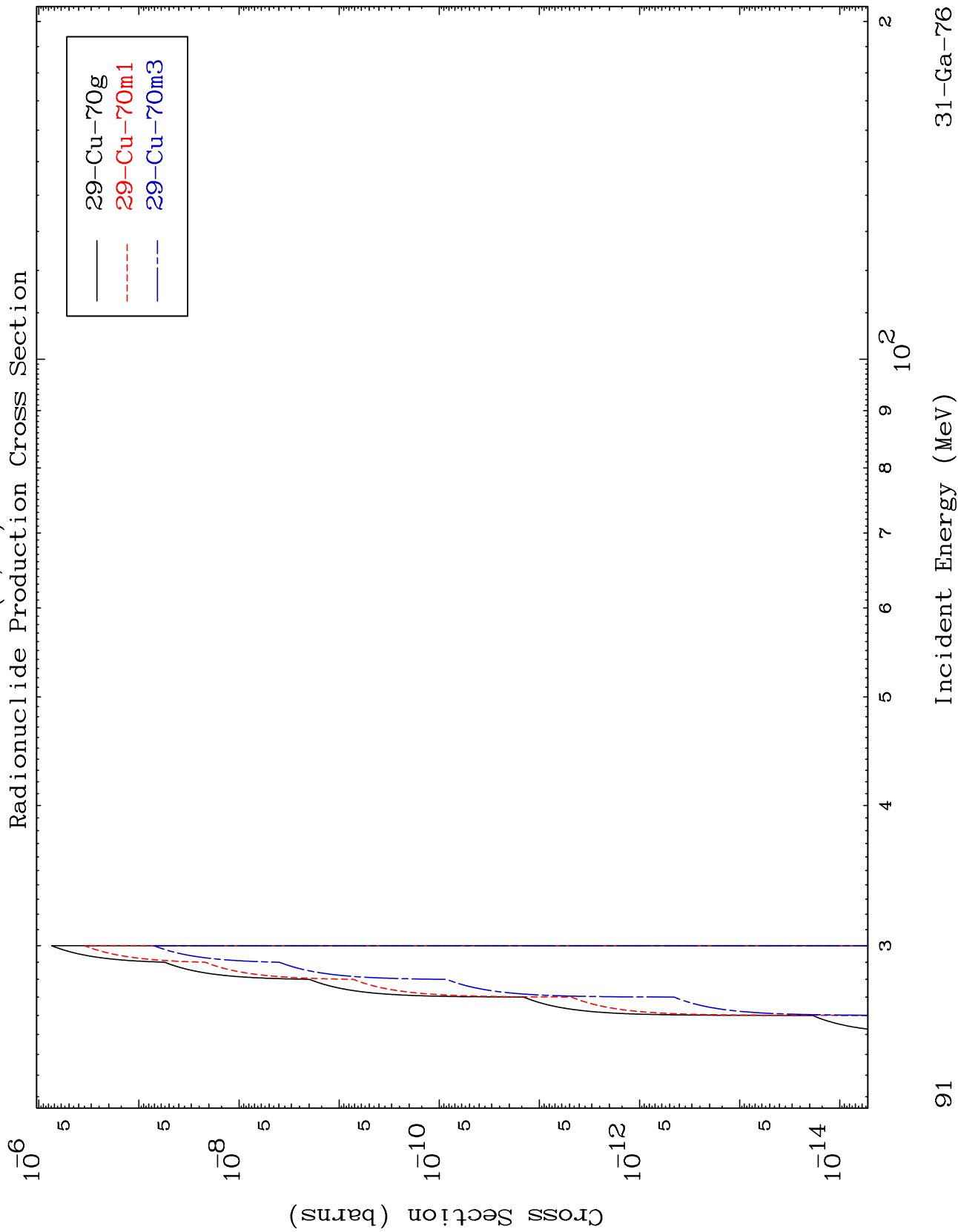
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,3n) α

31-Ga-76



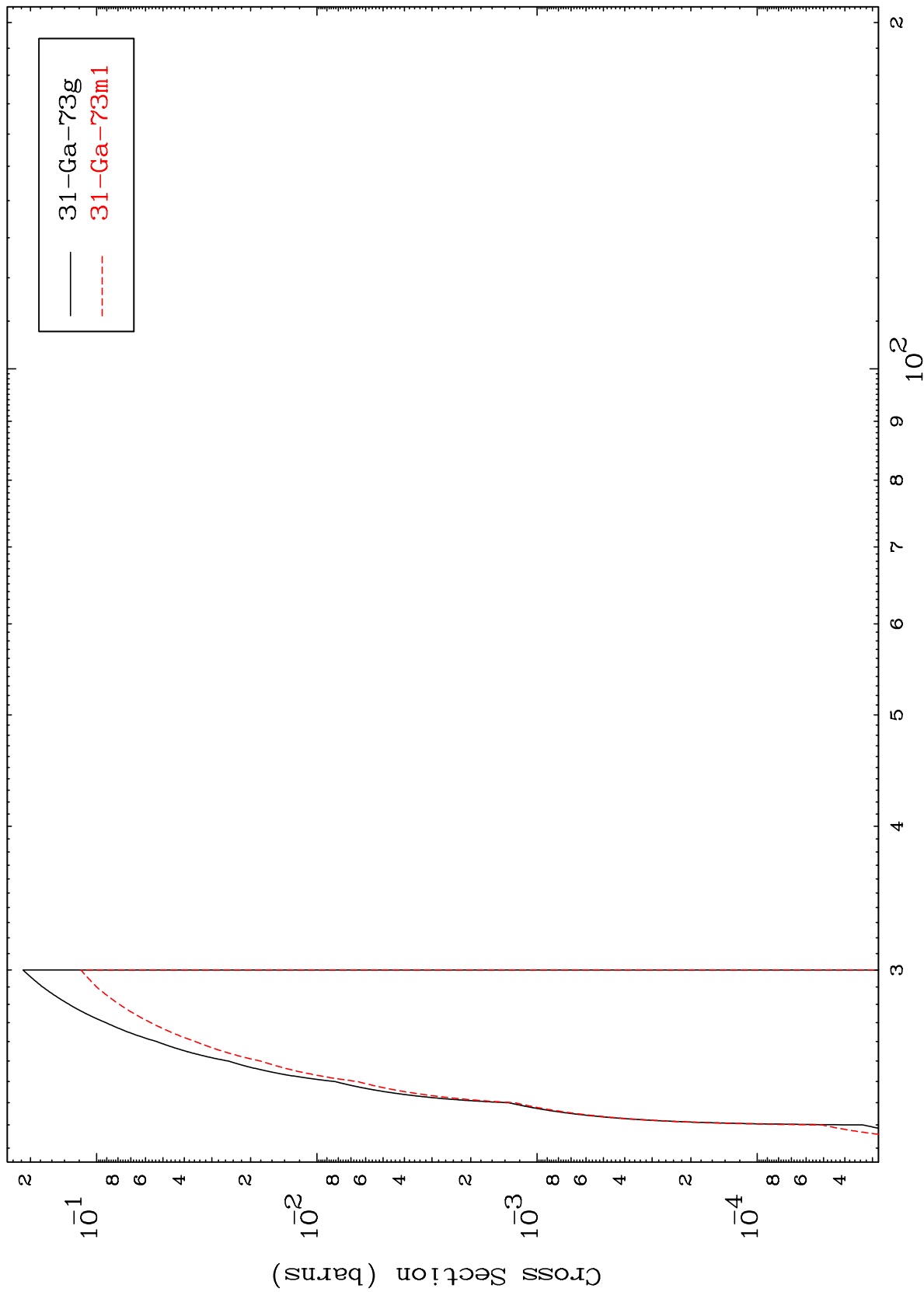
91

31-Ga-76

MAT 3146

³¹Ga-76

(n,4n)
Radionuclide Production Cross Section



92

³¹Ga-76

Incident Energy (MeV)