

Program EVALPLOT
(Version 2017-1)

by

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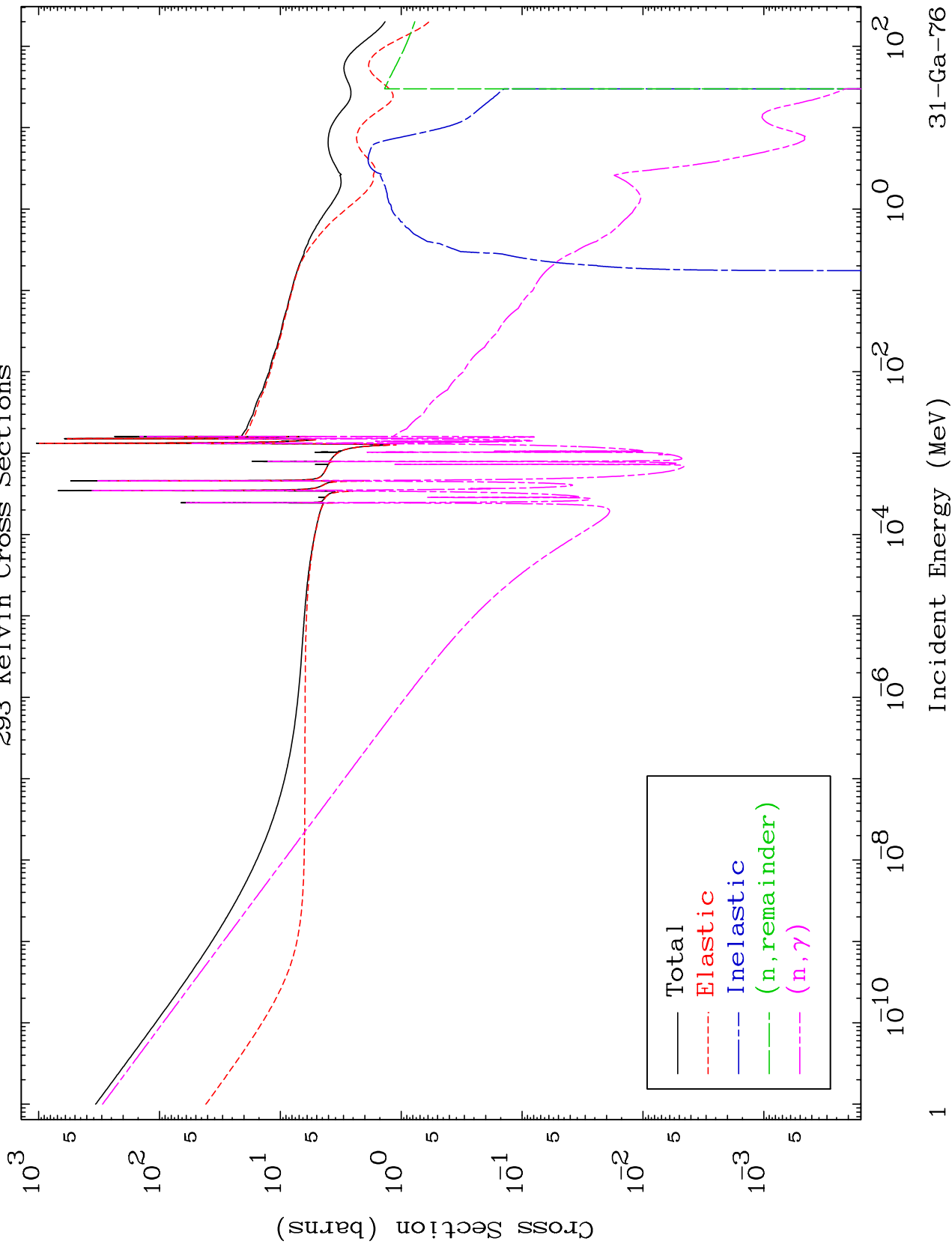
Press Mouse Button to Start

MAT 3146

Major

293 Kelvin Cross Sections

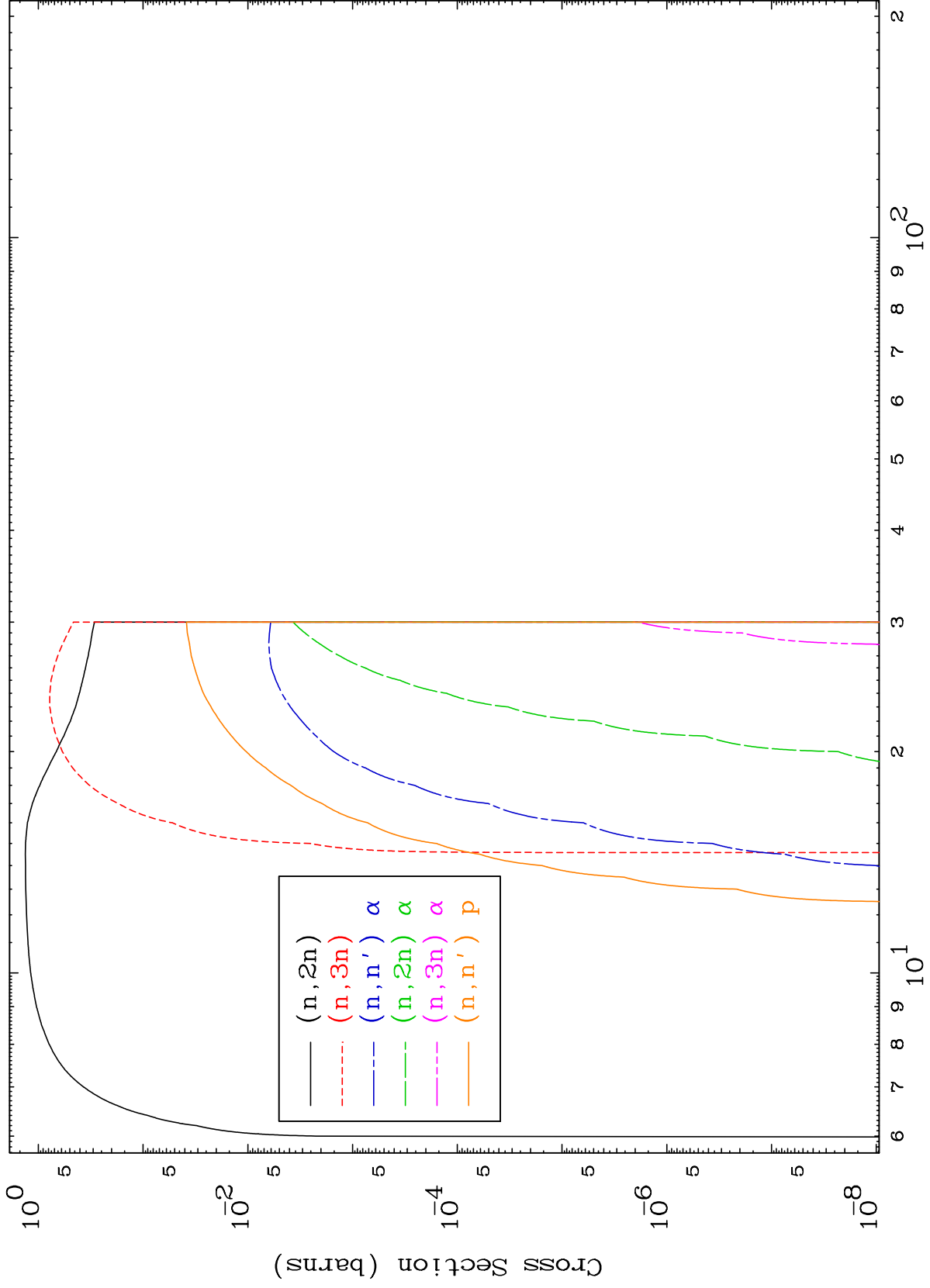
31-Ga-76



MAT 3146

Neutron Production
293 Kelvin Cross Sections

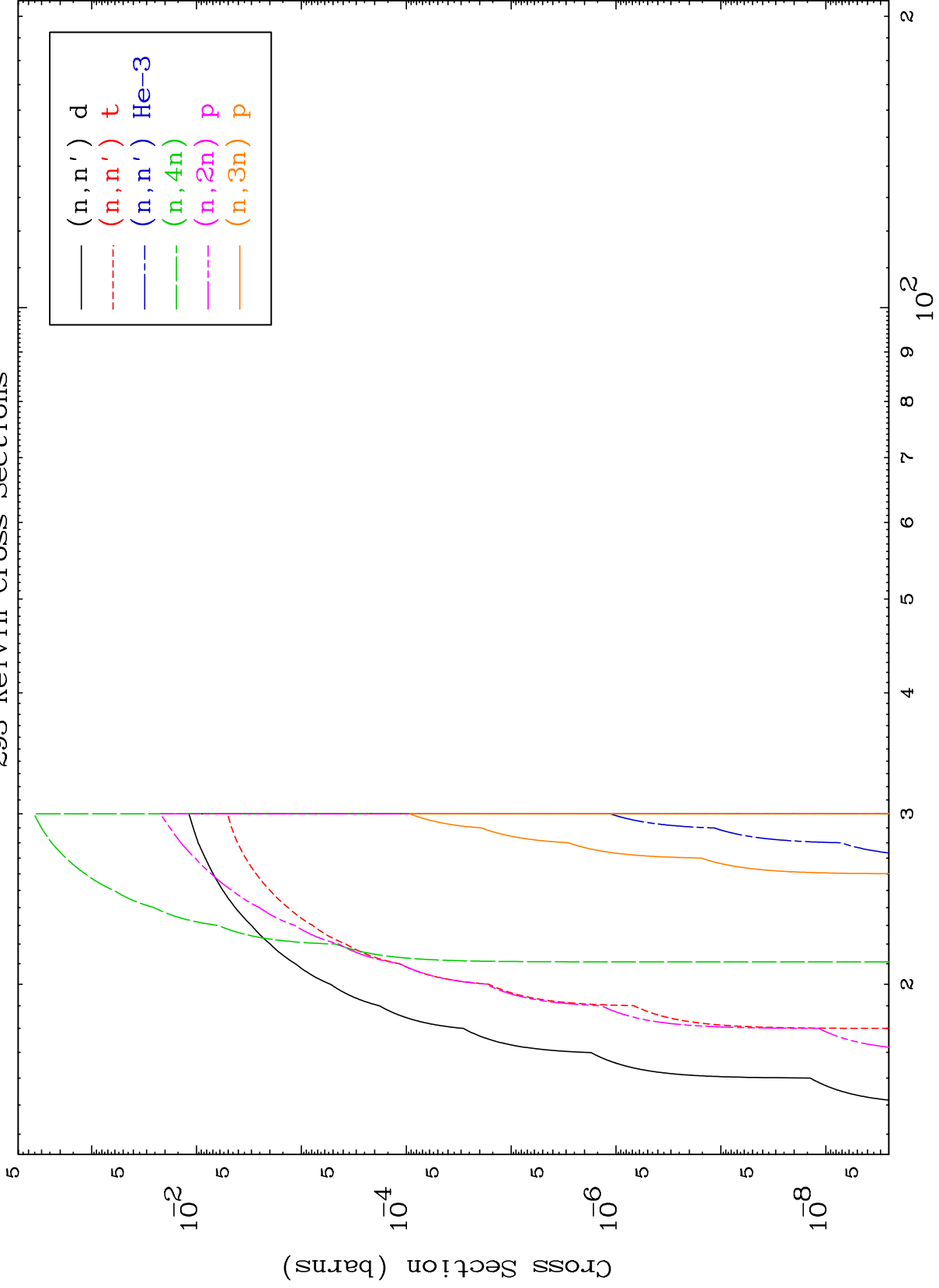
31-Ga-76



2

Incident Energy (MeV)

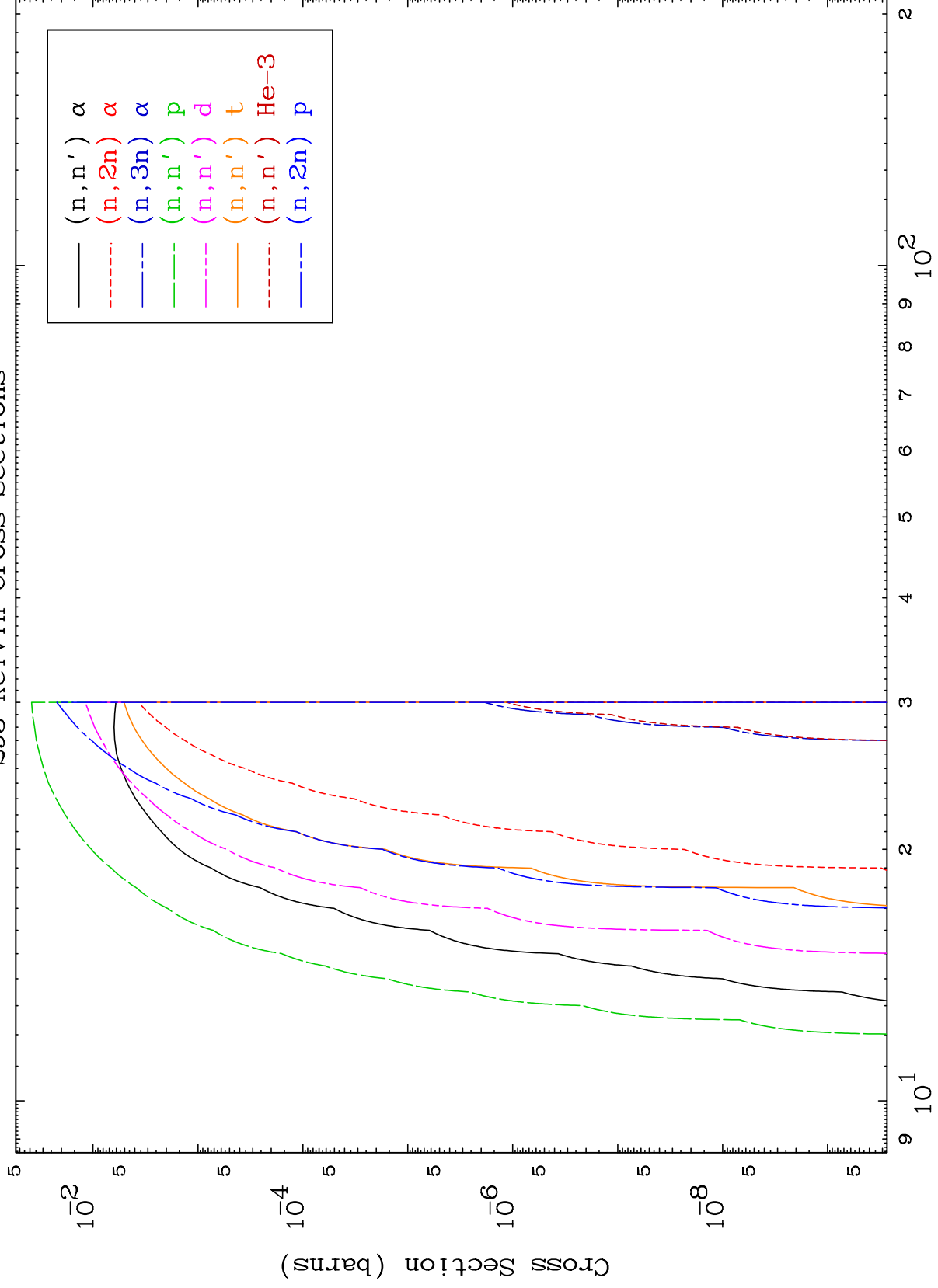
31-Ga-76



MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



4

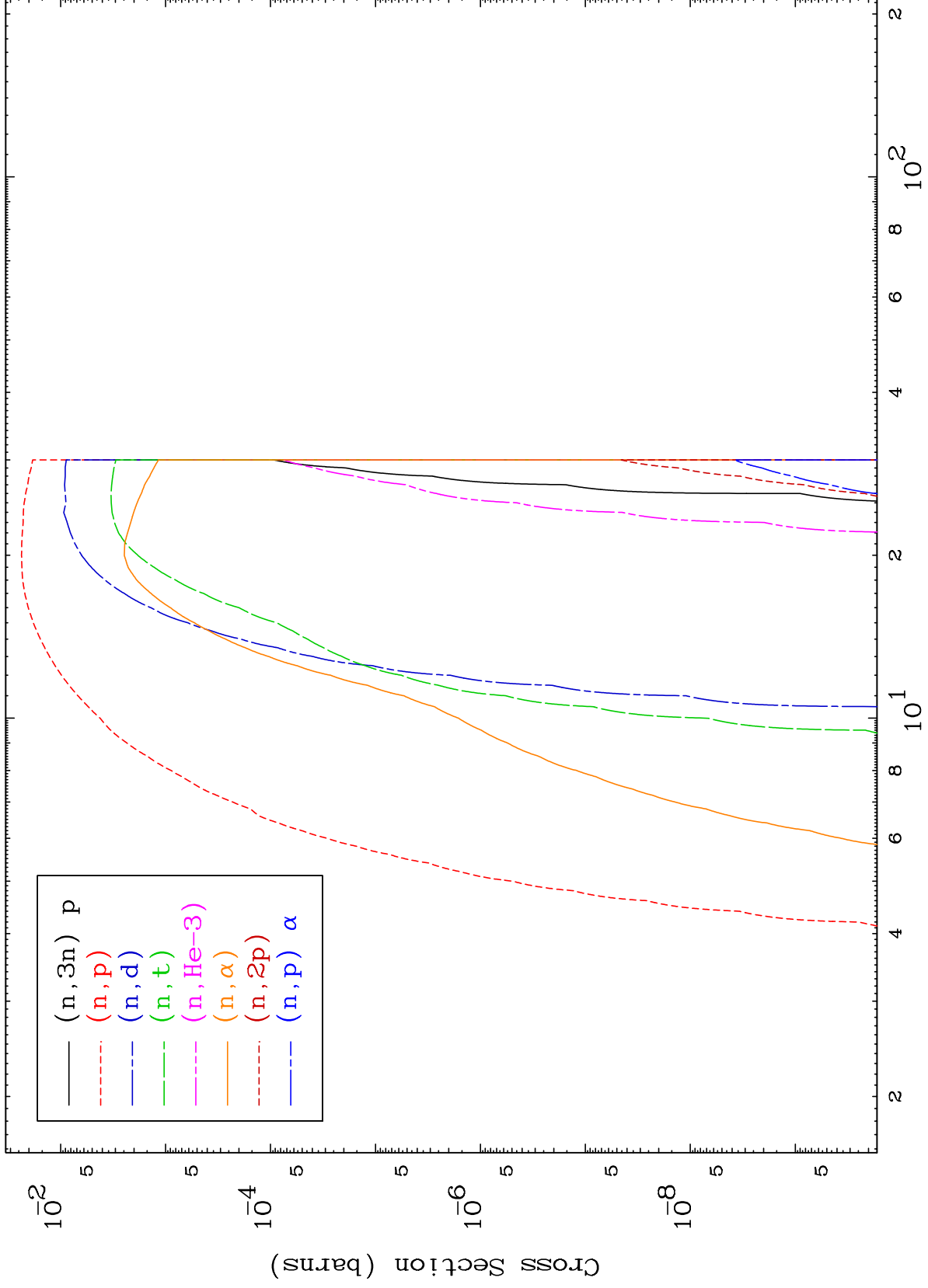
Incident Energy (MeV)

31-Ga-76

MAT 3146

Charged Particle
293 Kelvin Cross Sections

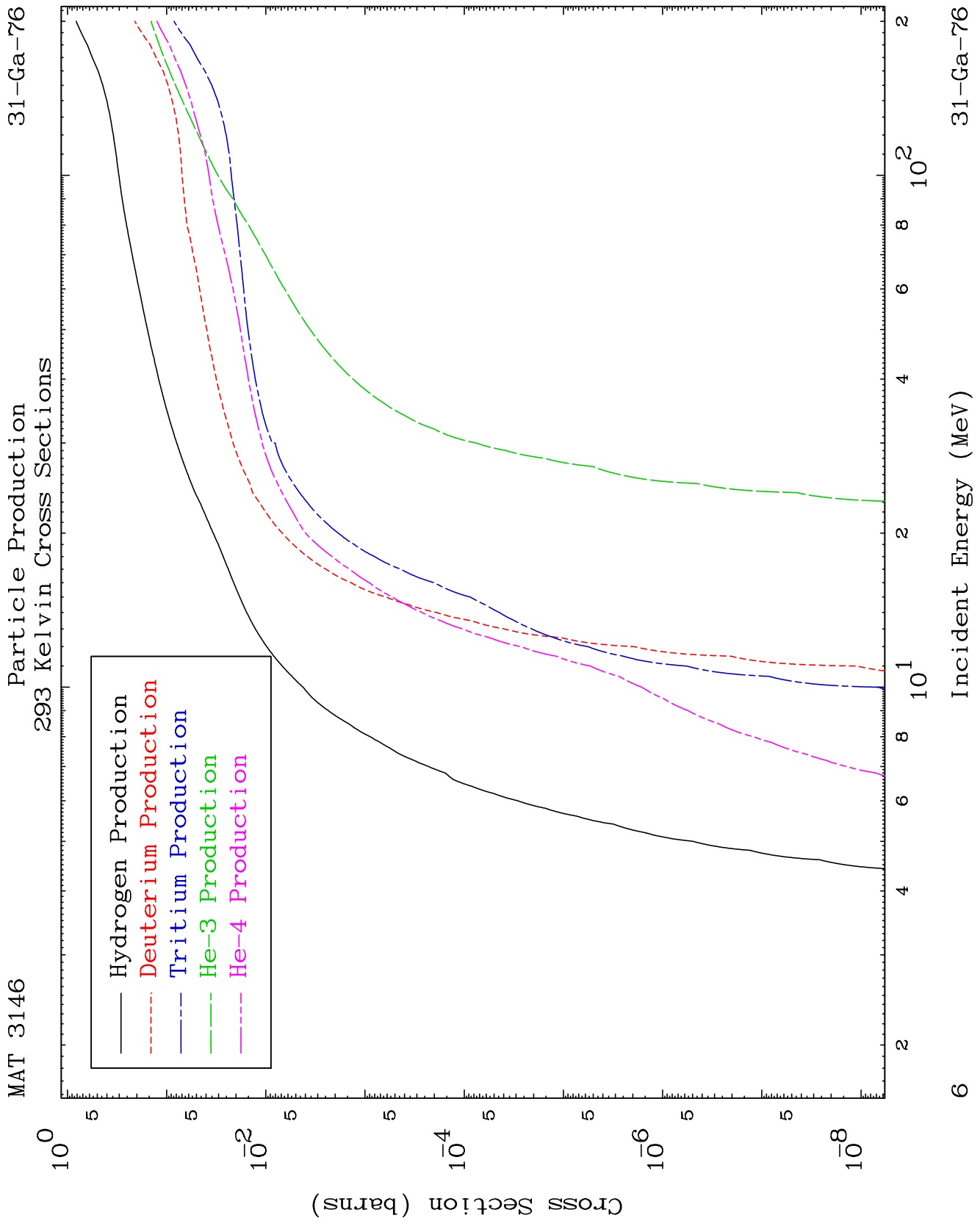
31-Ga-76

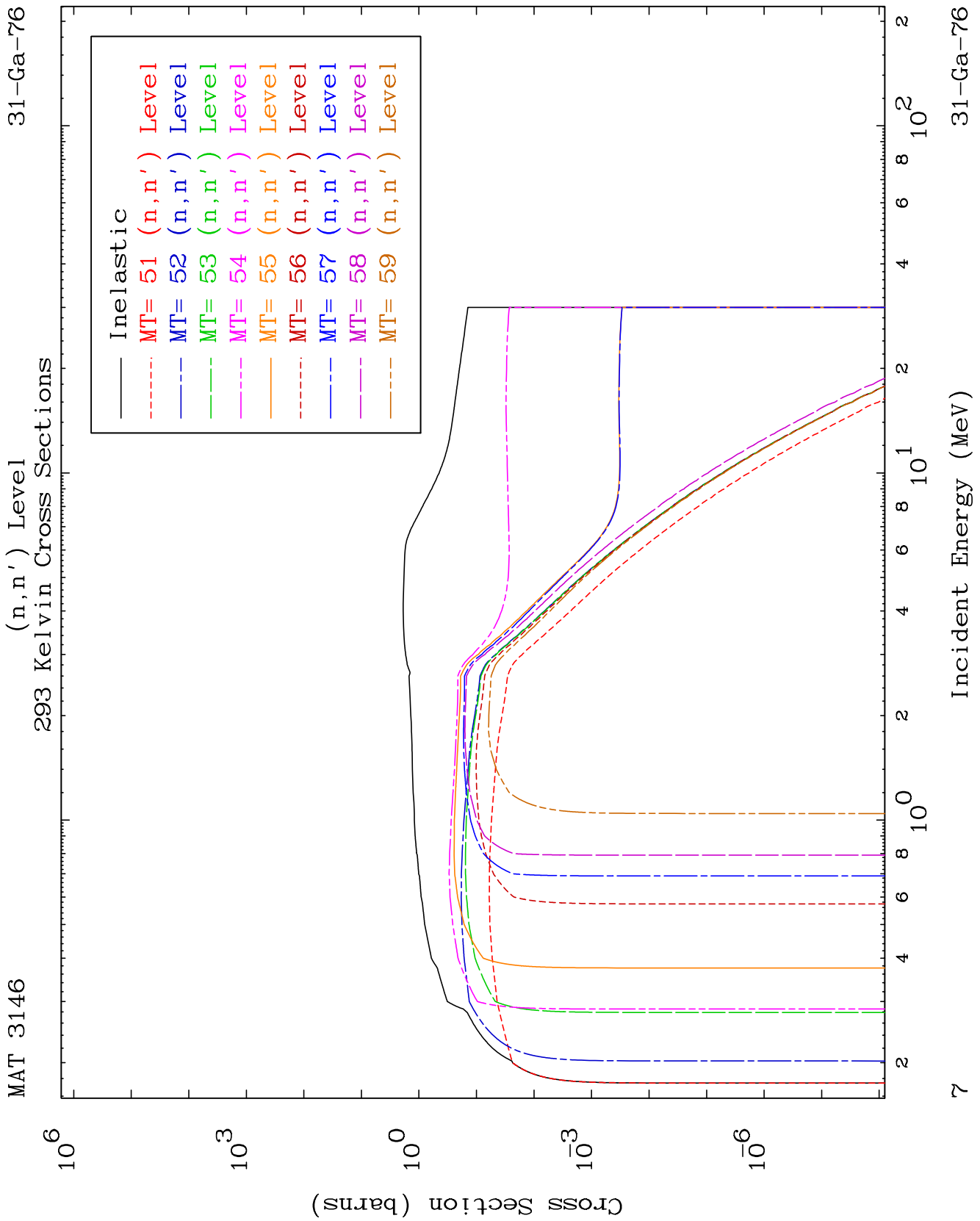


5

Incident Energy (MeV)

31-Ga-76



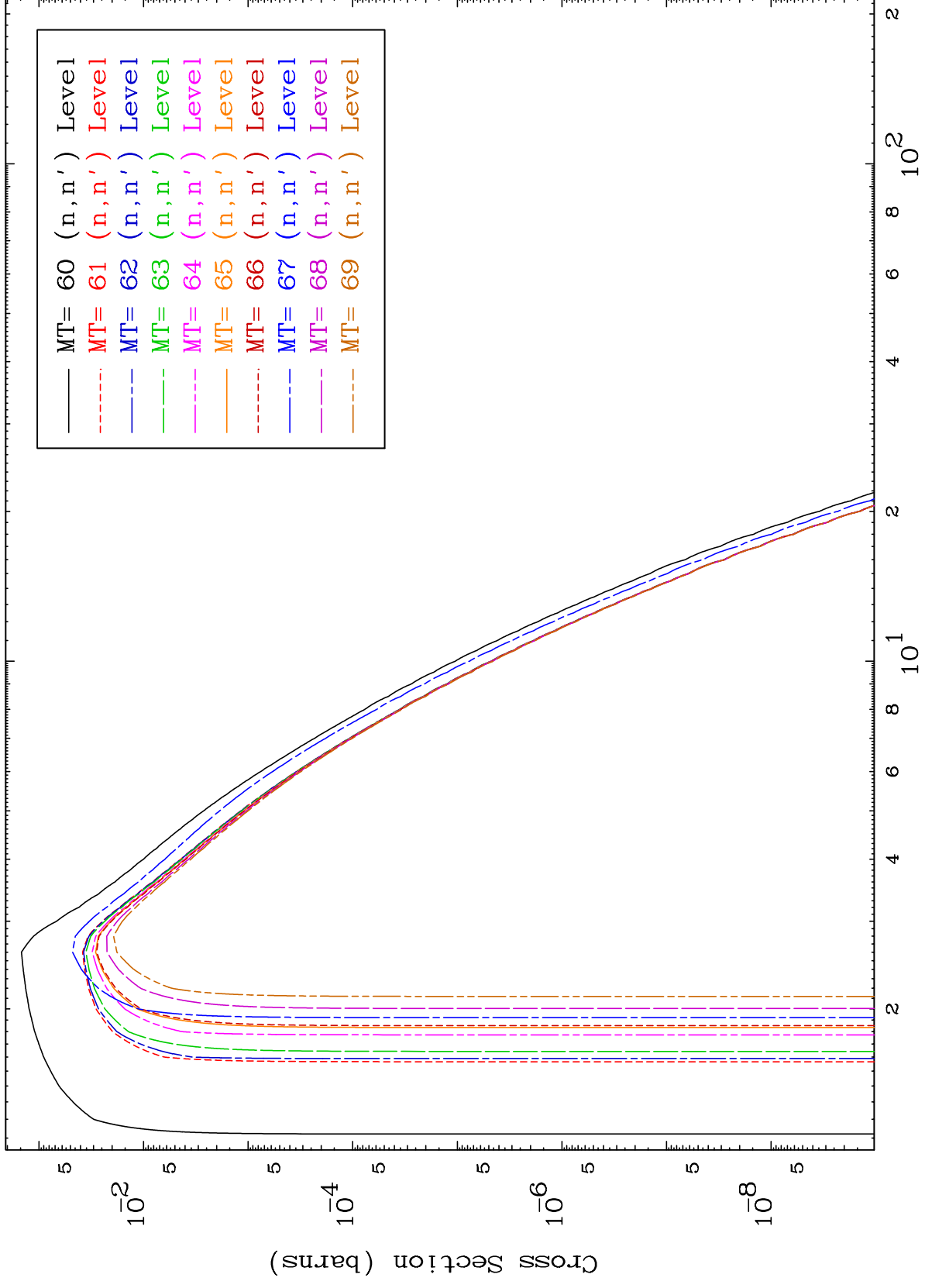


MAT 3146

(n,n') Level

31-Ga-76

293 Kelvin Cross Sections

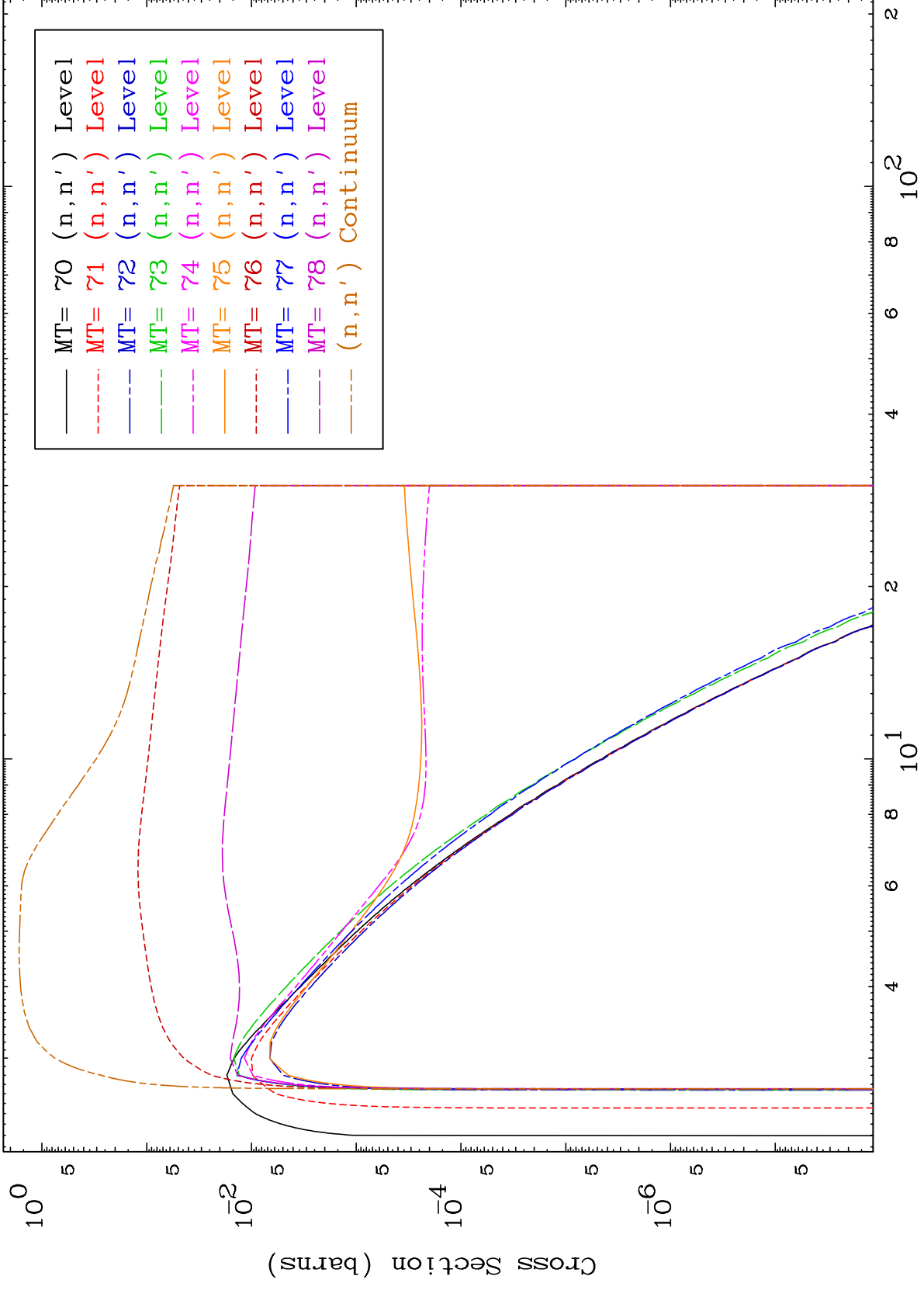


8

Incident Energy (MeV)

31-Ga-76

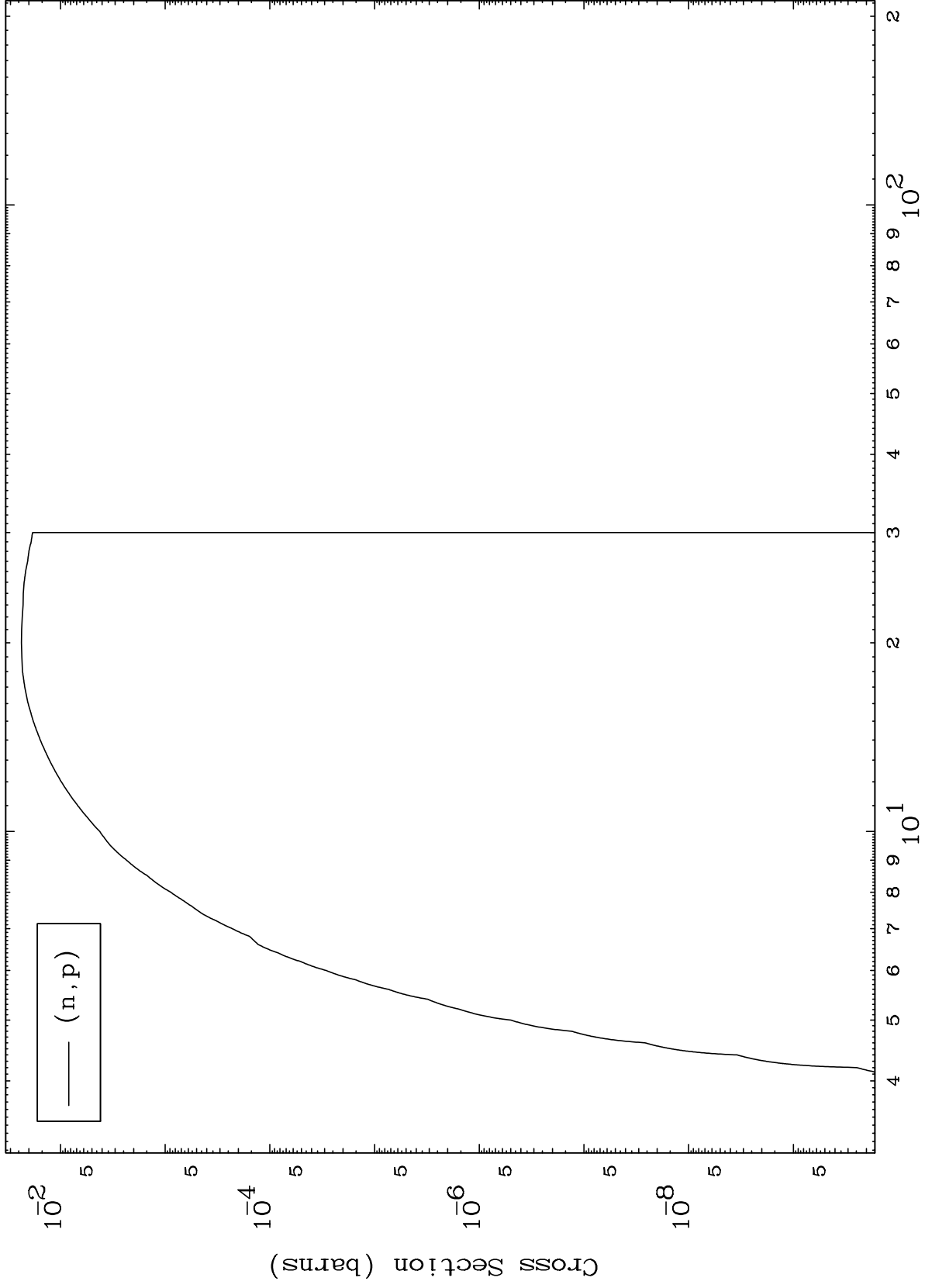
293 Kelvin Cross Sections



MAT 3146

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-76



10

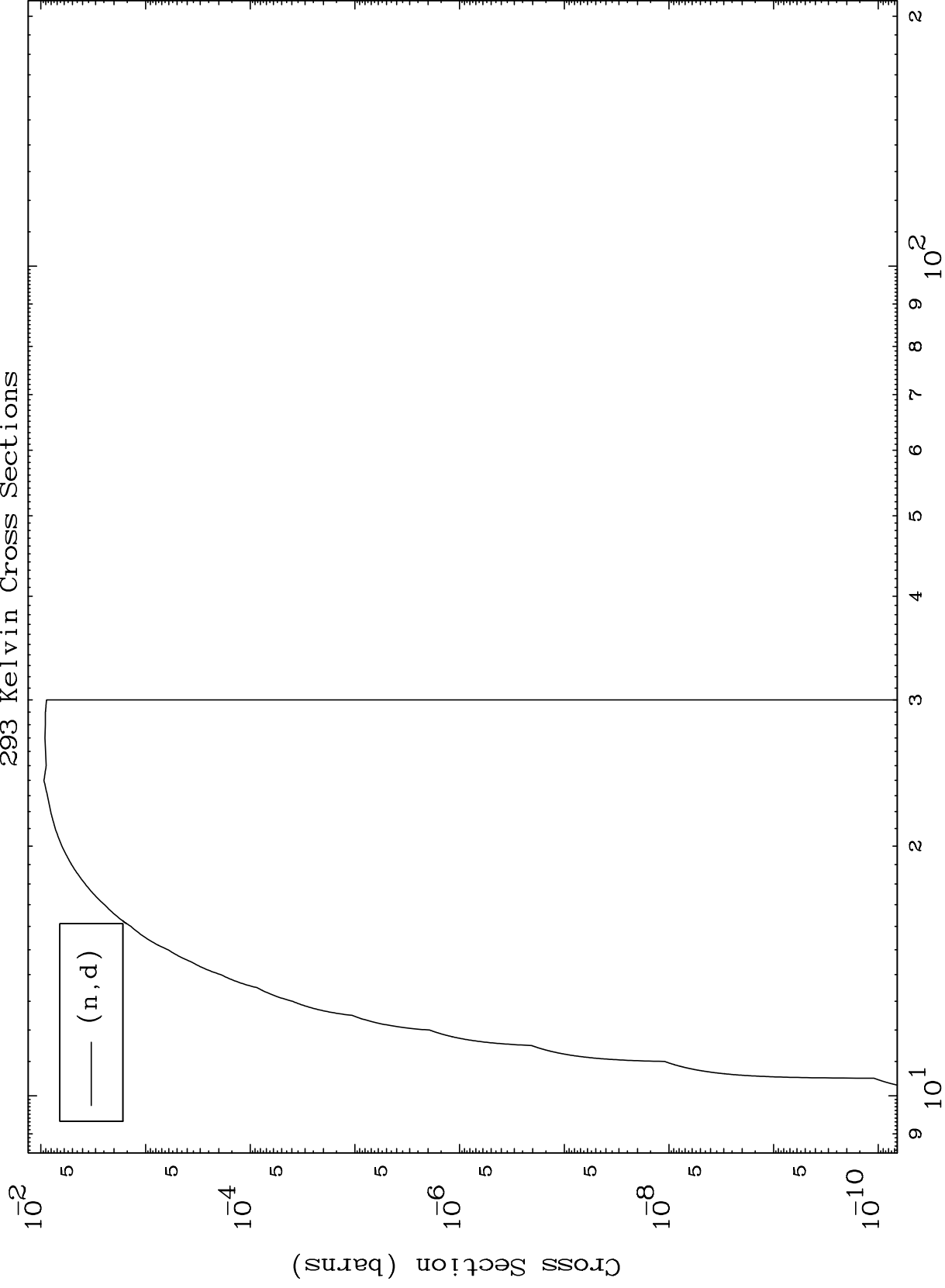
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-76



11

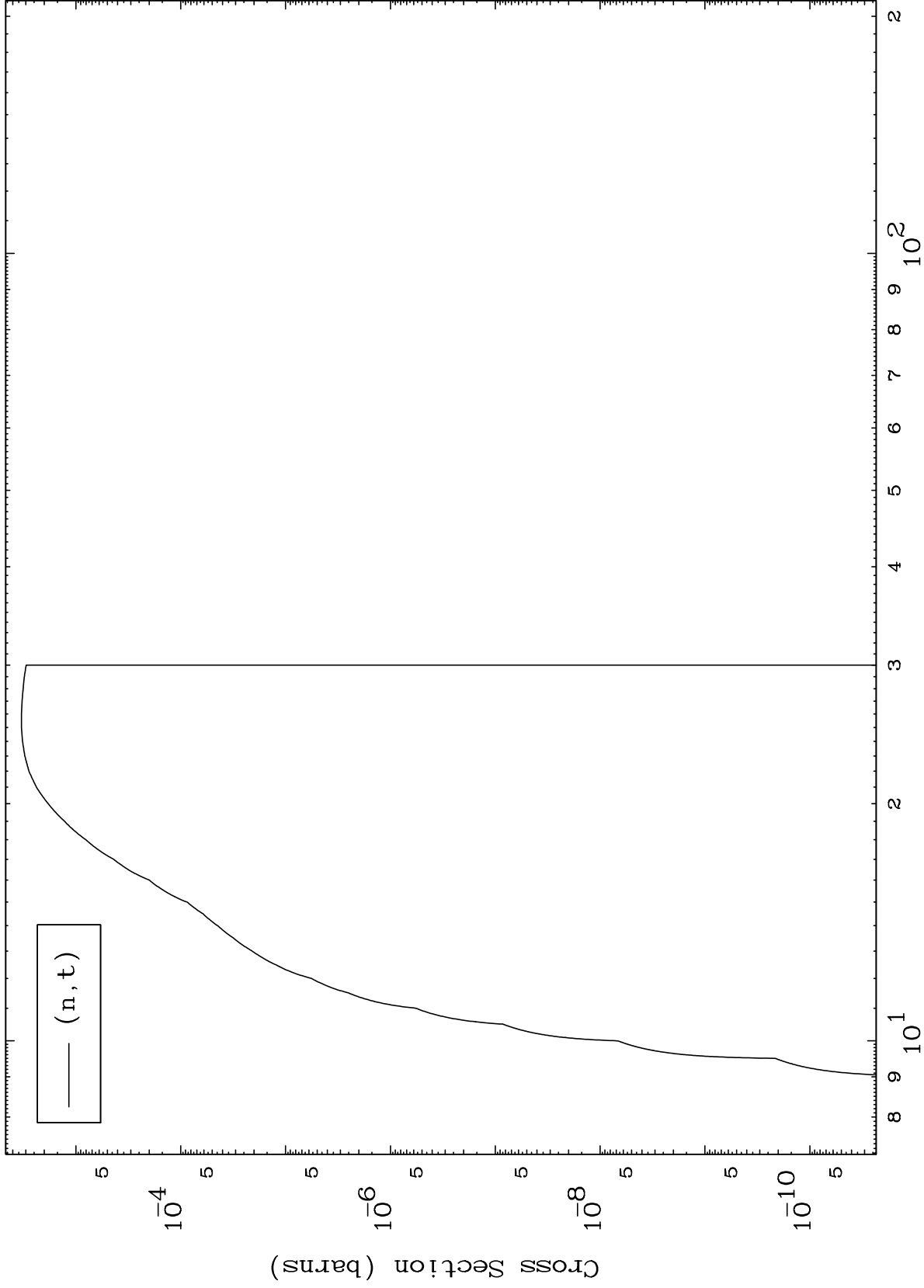
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-76



12

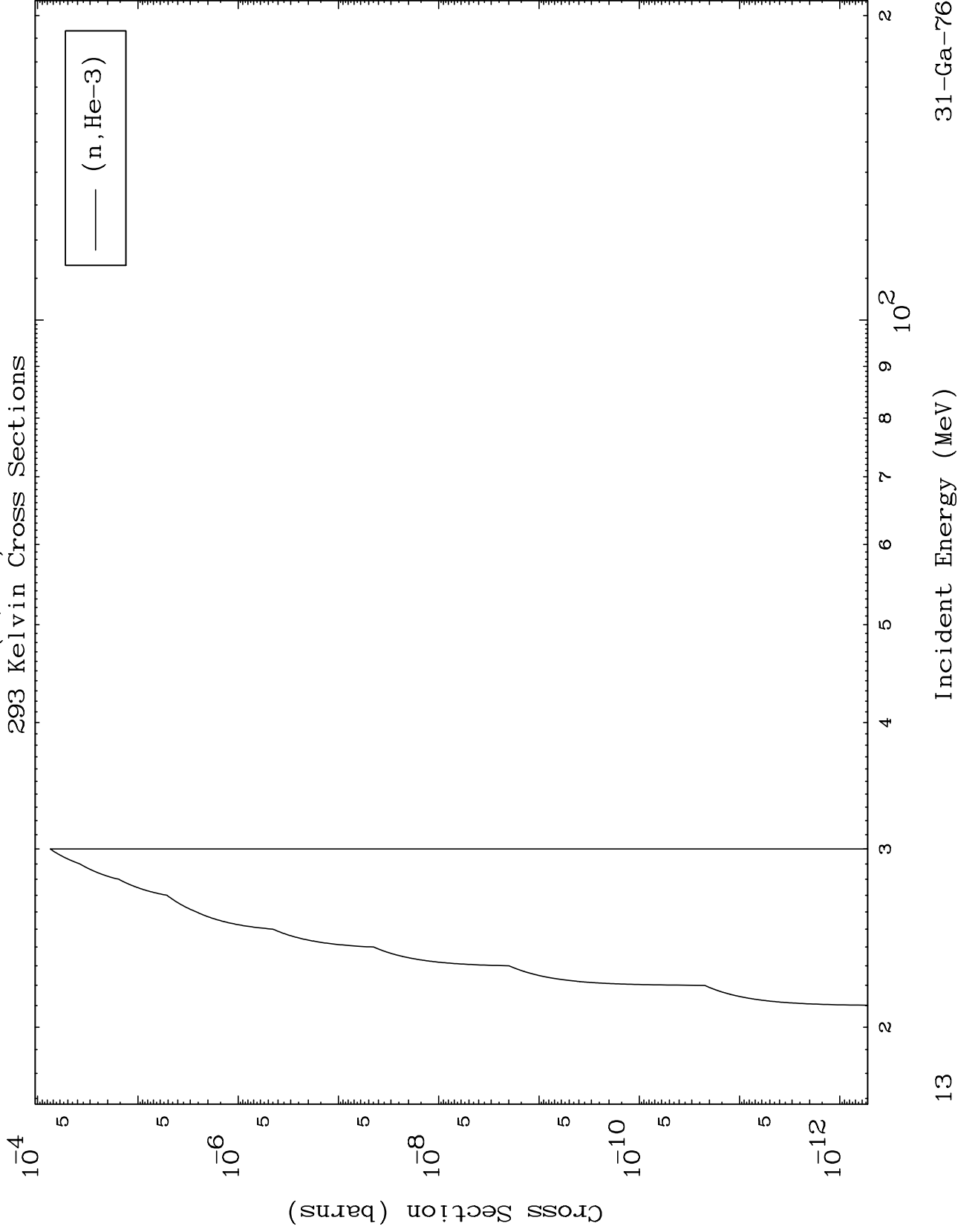
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-76



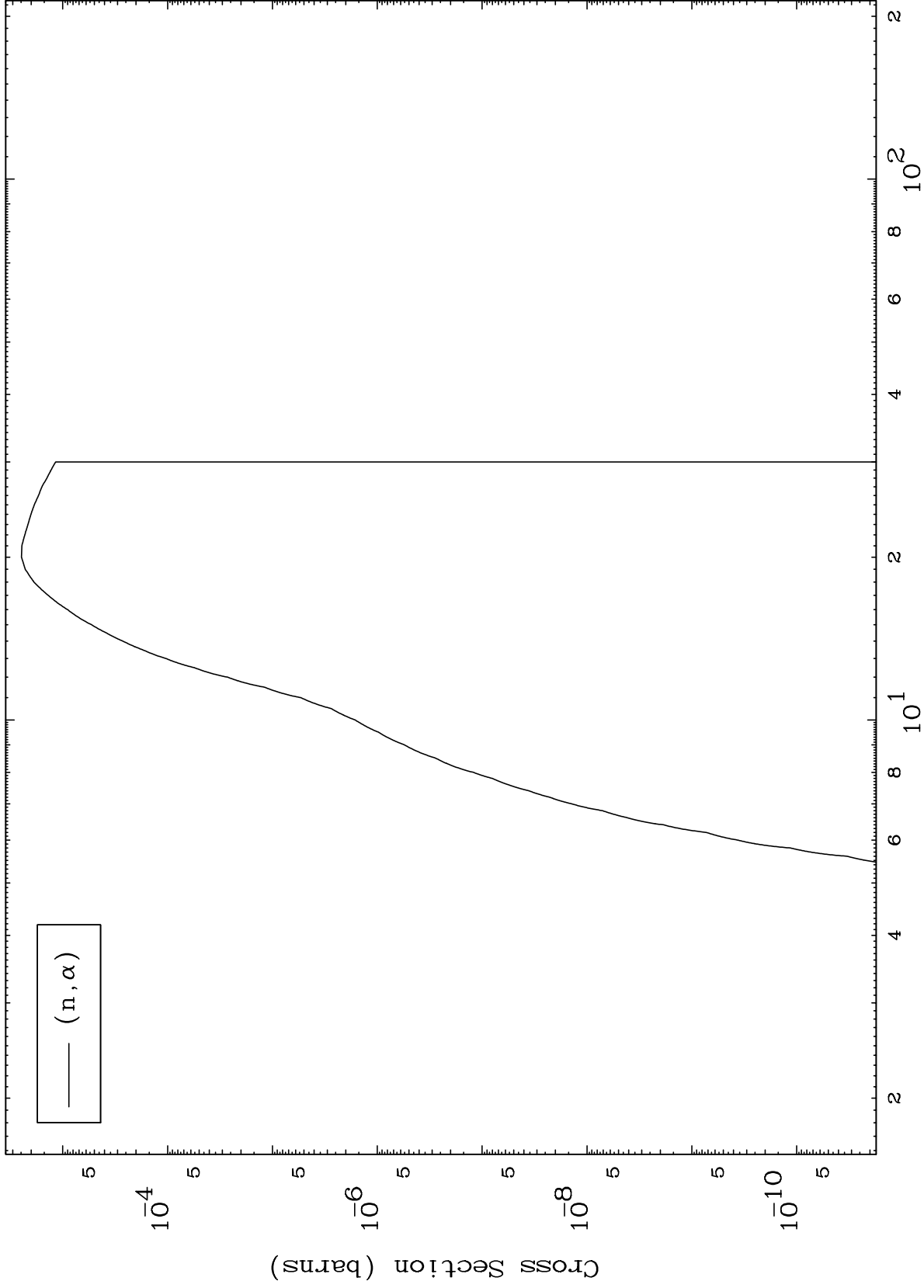
13

31-Ga-76

MAT 3146

(n, α) Levels
293 Kelvin Cross Sections

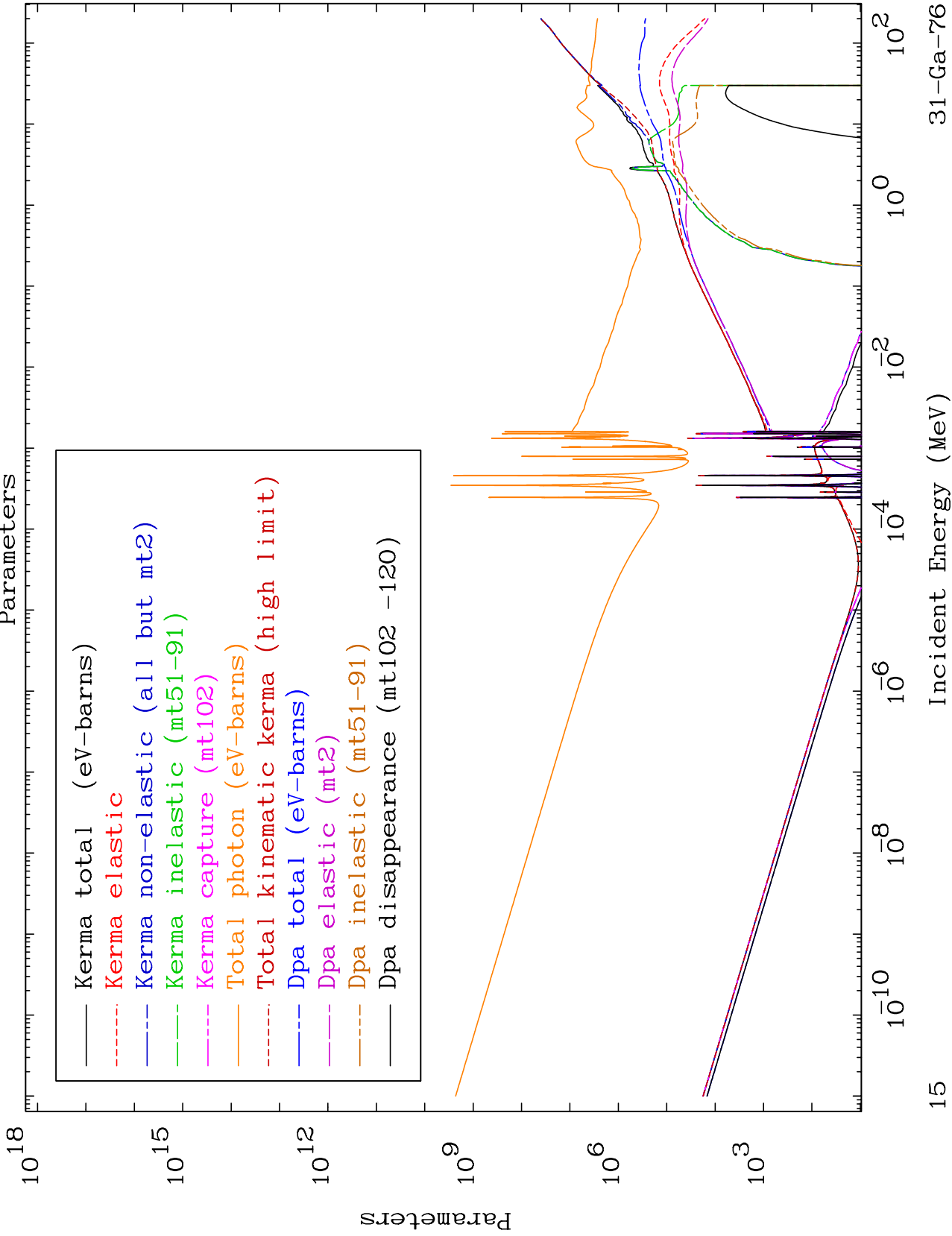
31-Ga-76



14

Incident Energy (MeV)

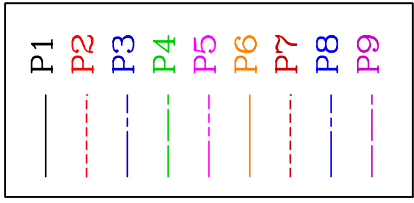
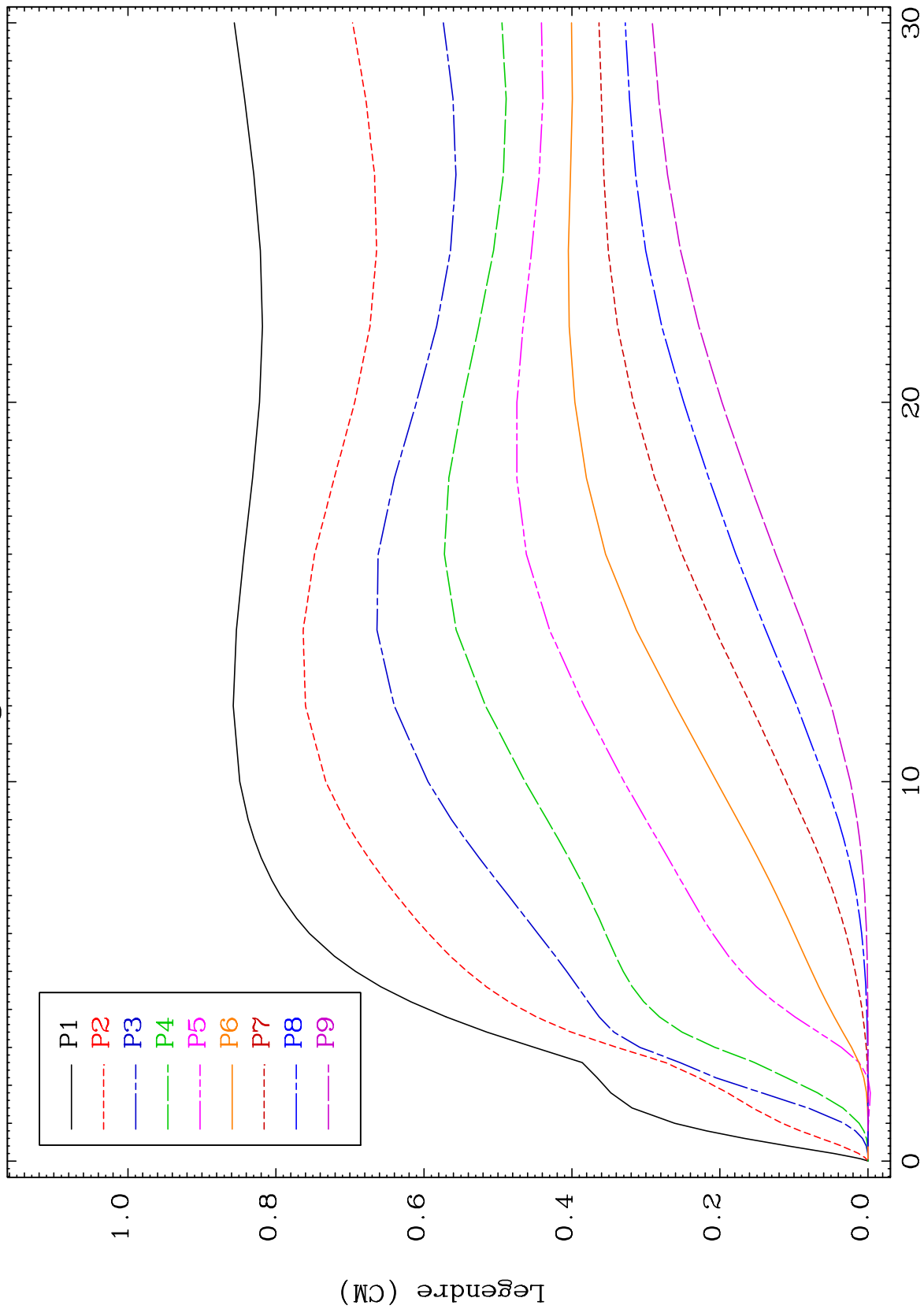
31-Ga-76



MAT 3146

Elastic Legendre Coefficients

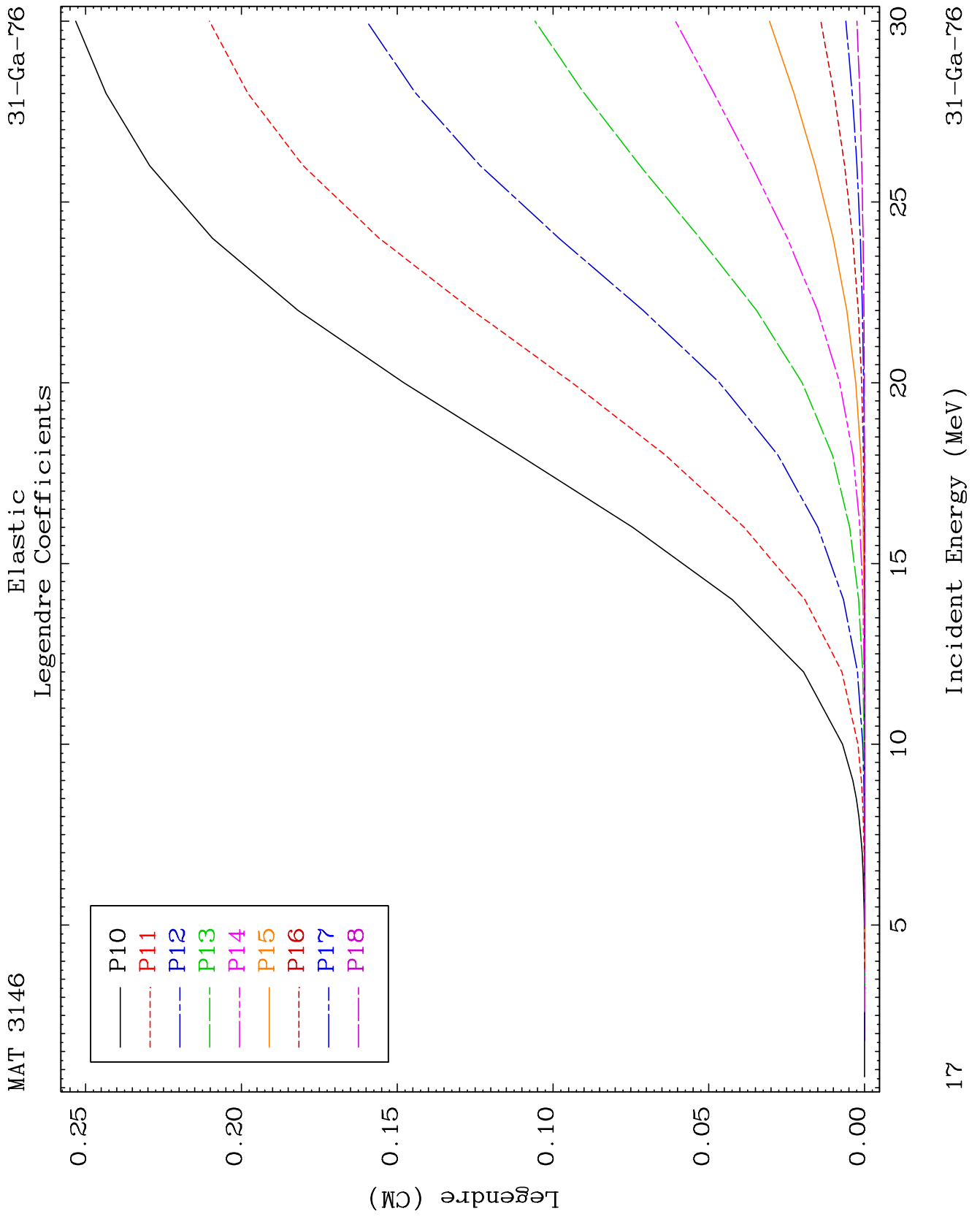
³¹Ga-76



16

Incident Energy (MeV)

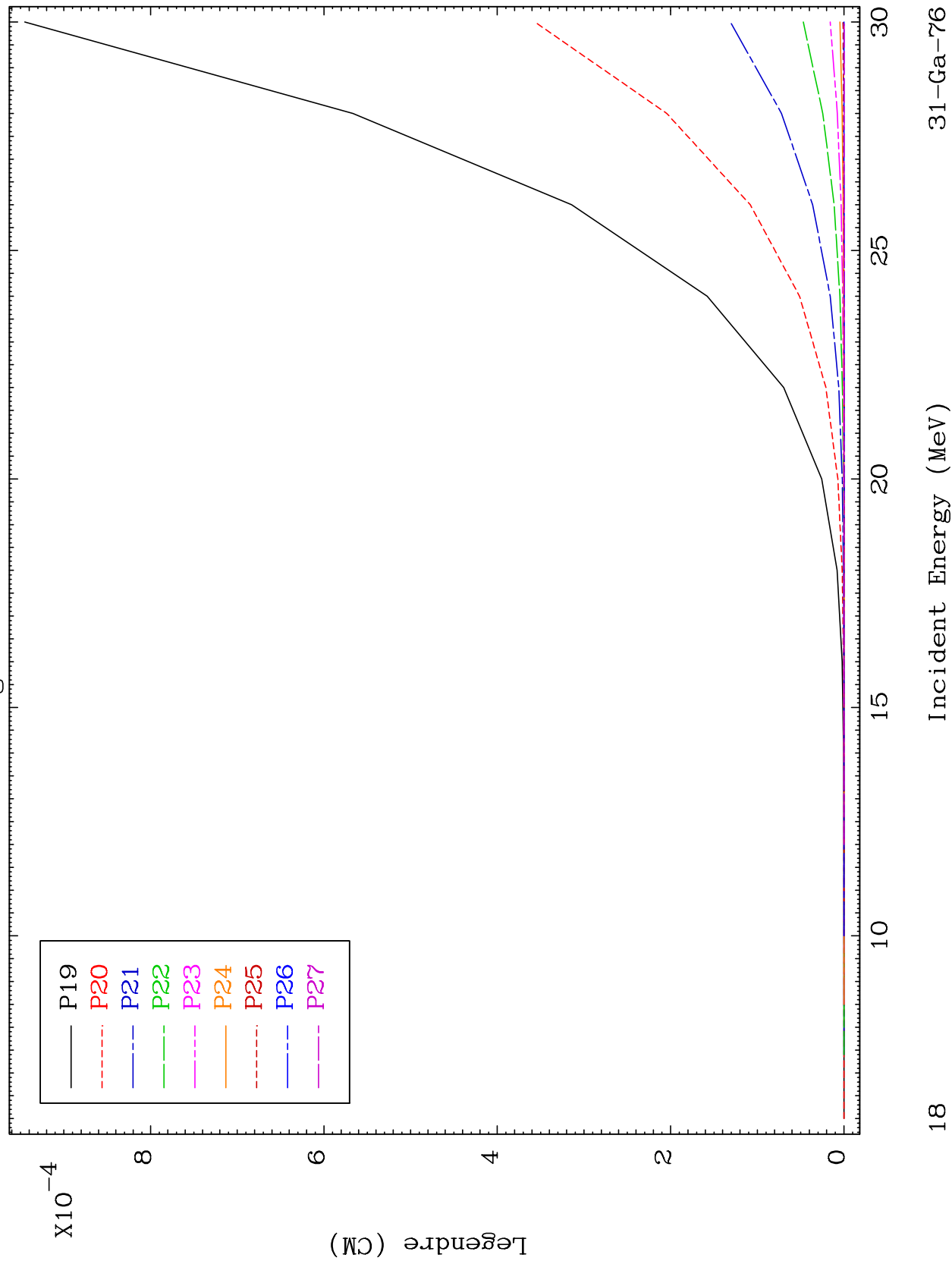
³¹Ga-76



MAT 3146

Elastic Legendre Coefficients

³¹Ga-76



18

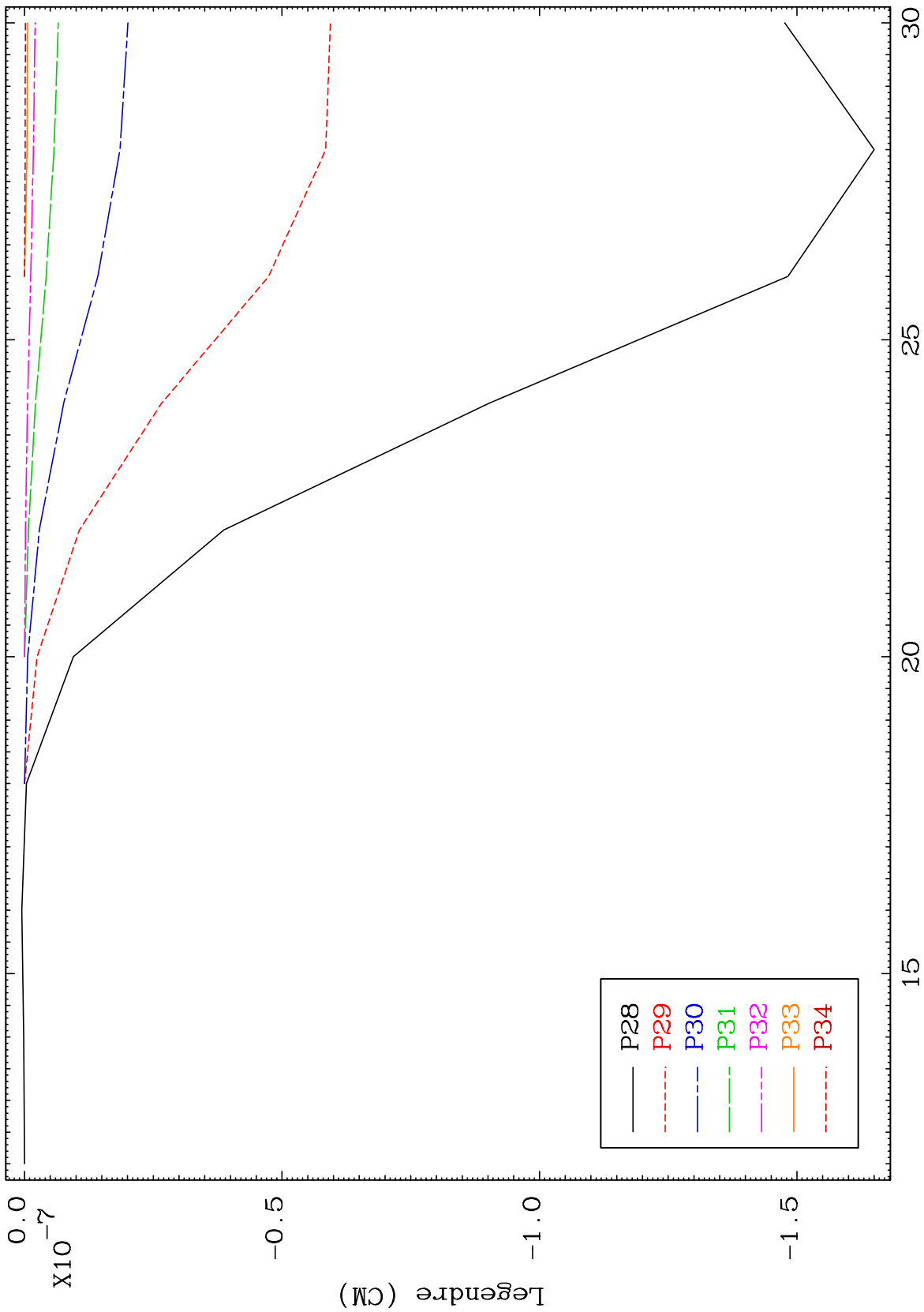
Incident Energy (MeV)

³¹Ga-76

MAT 3146

31-Ga-76

Elastic Legendre Coefficients

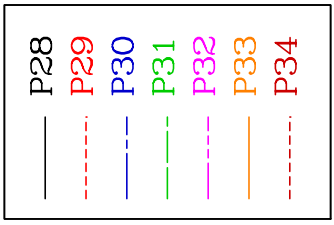


10^{-7}

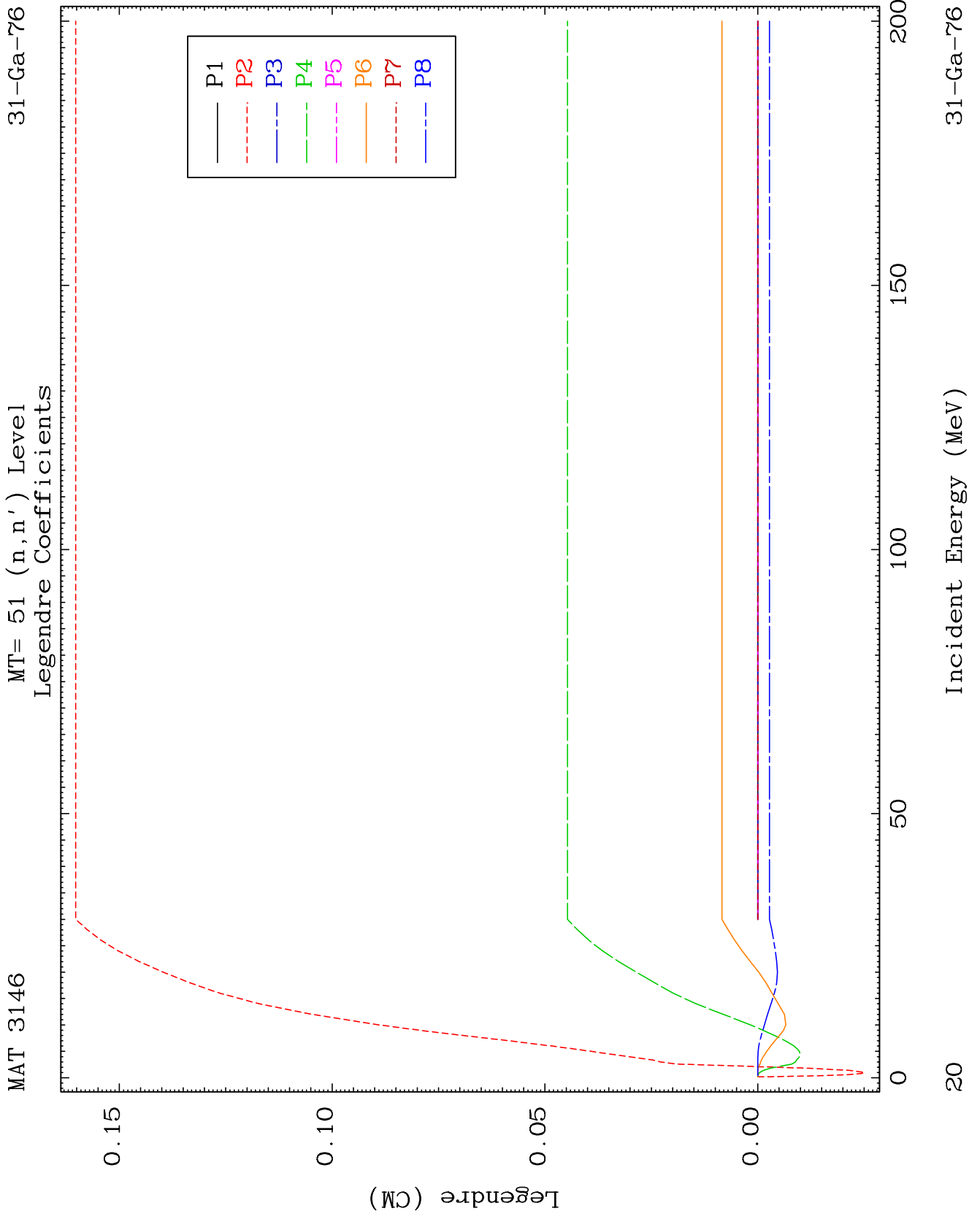
Legendre (CM)

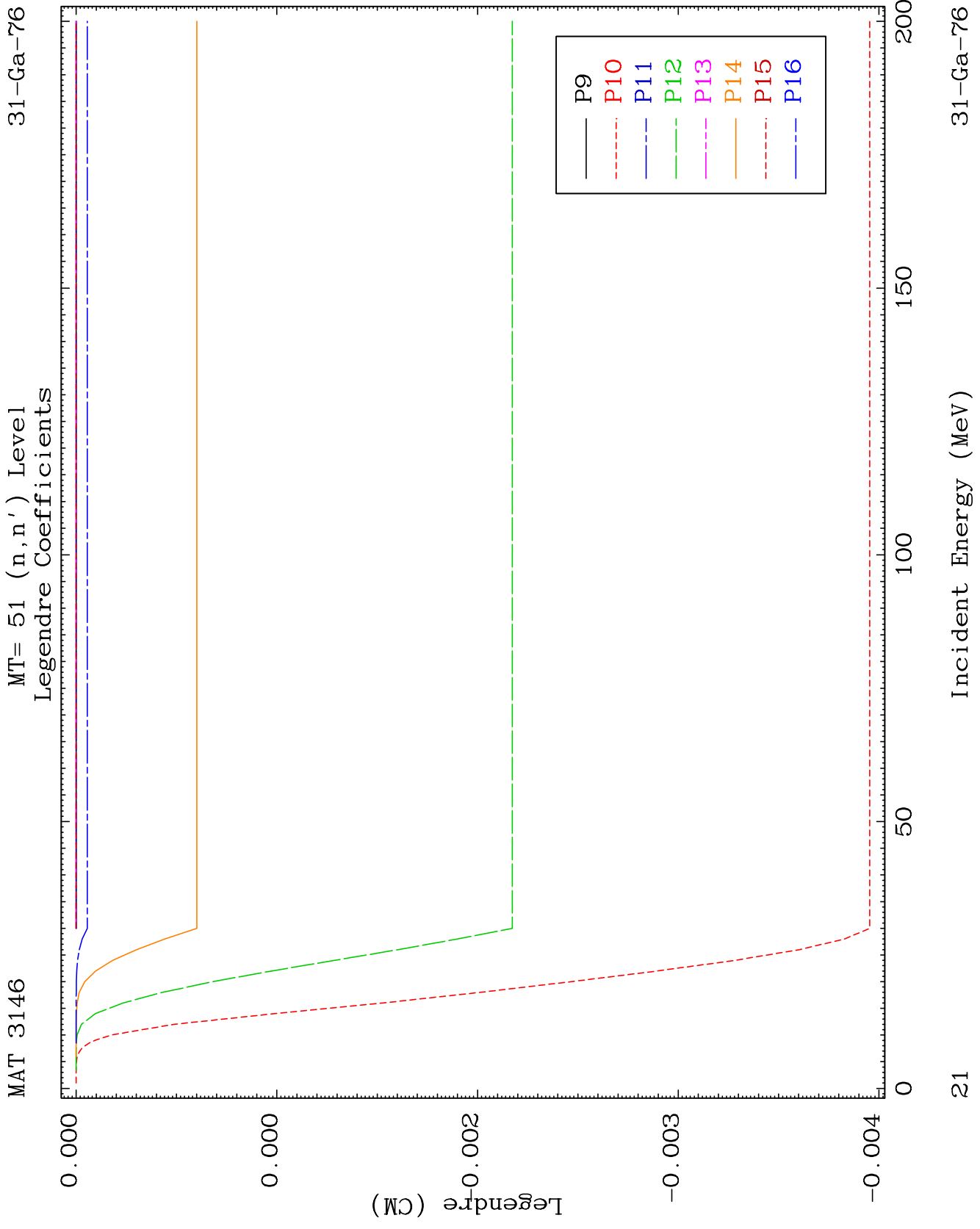
Incident Energy (MeV)

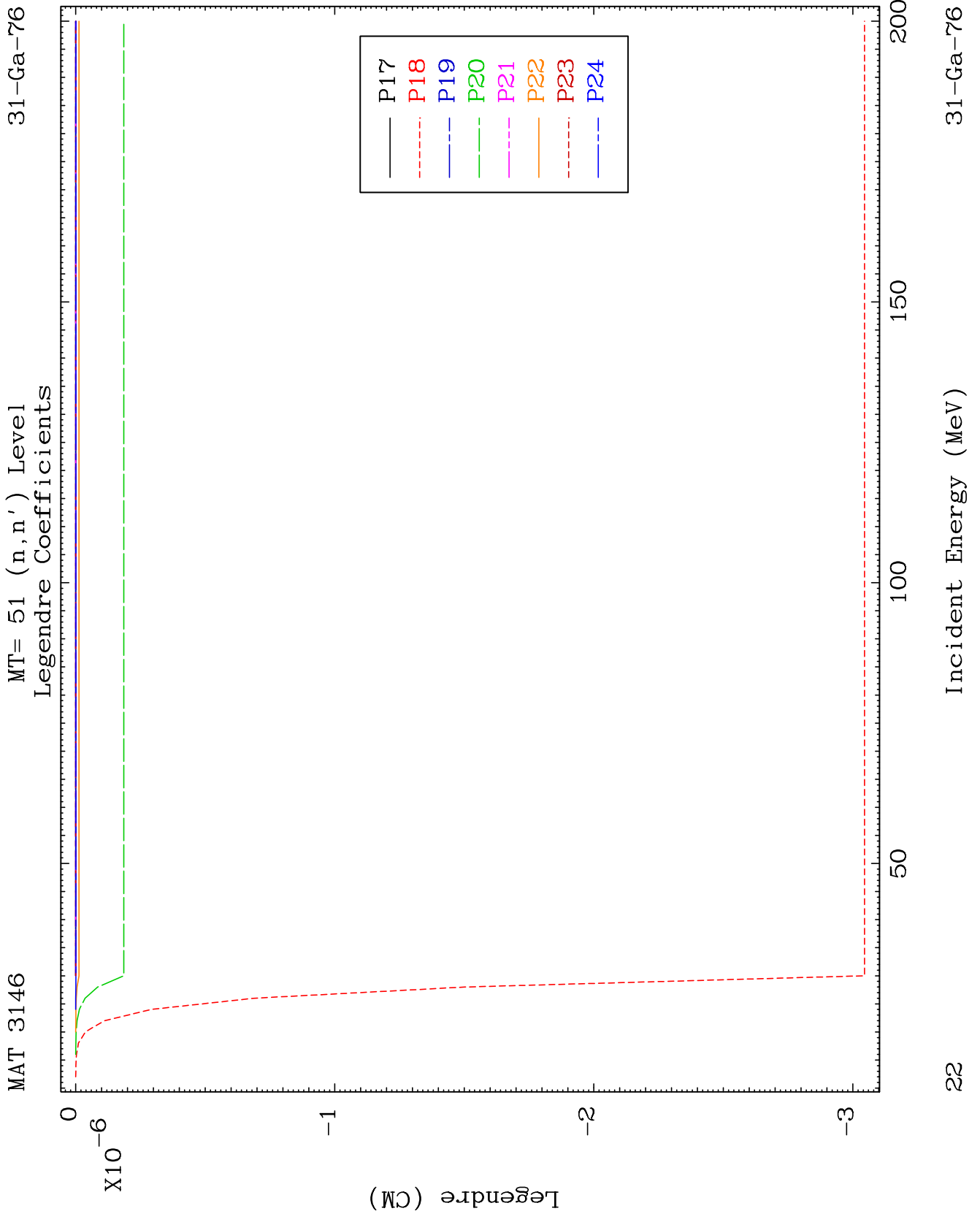
31-Ga-76

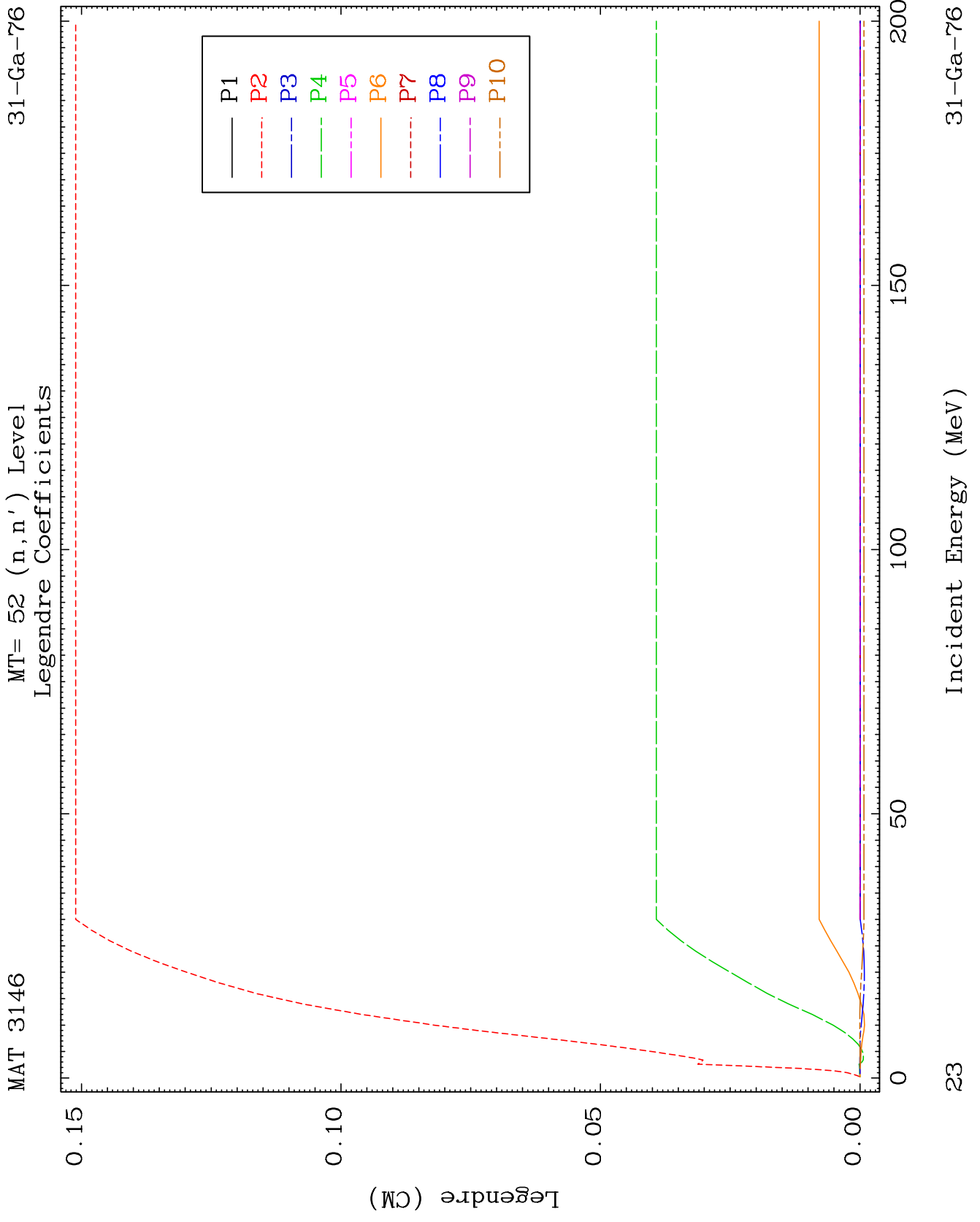


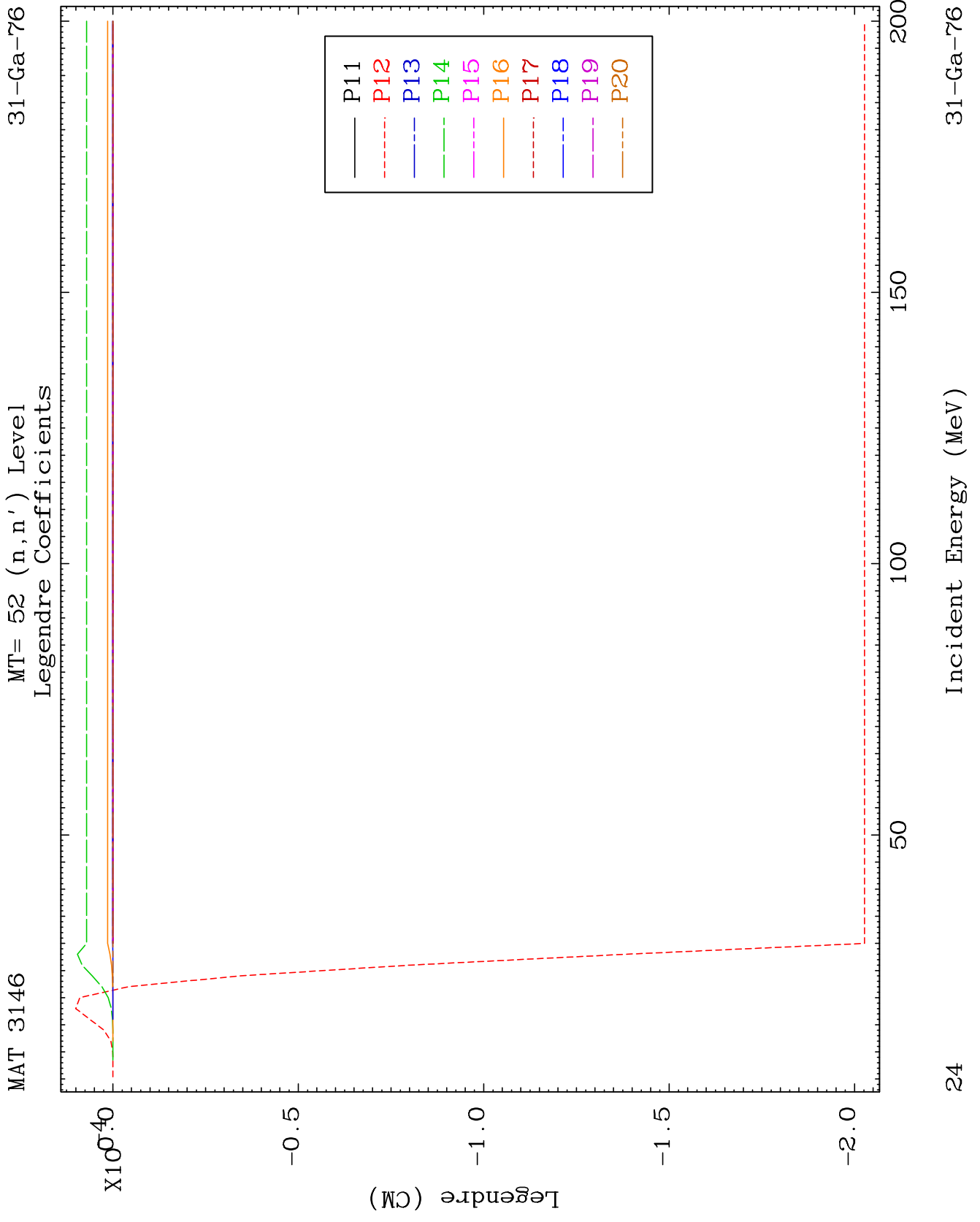
19

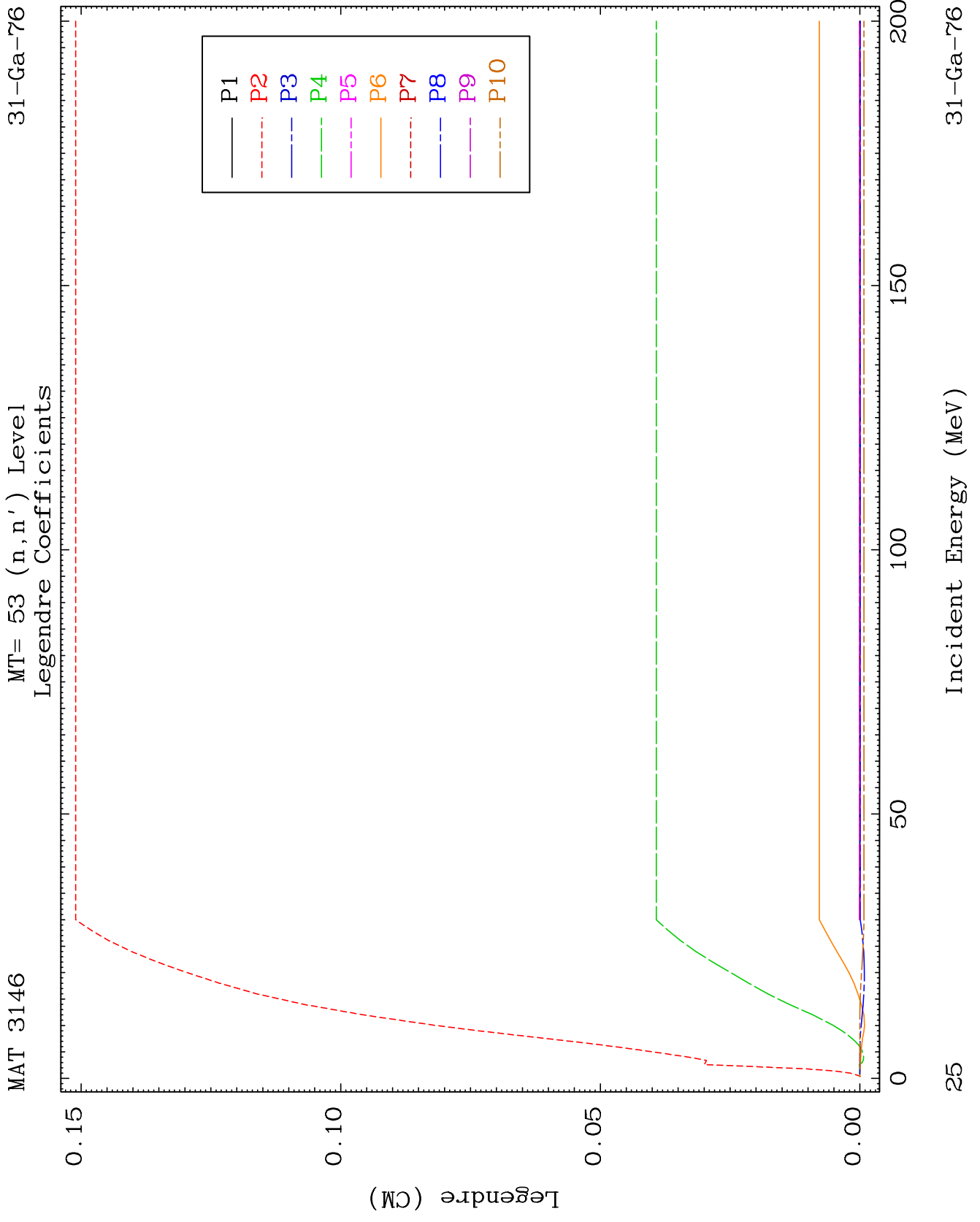








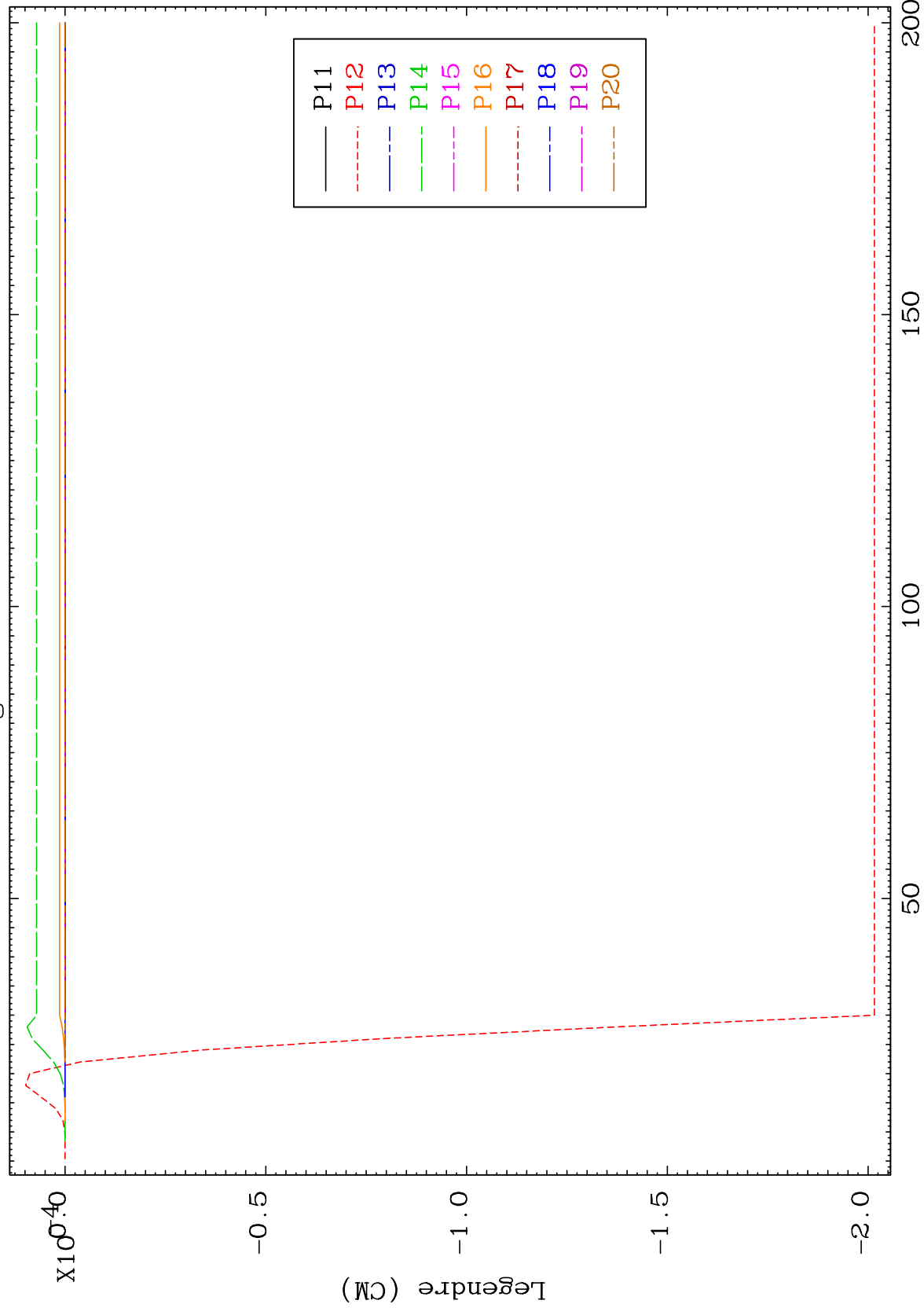




MAT 3146

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

31-Ga-76



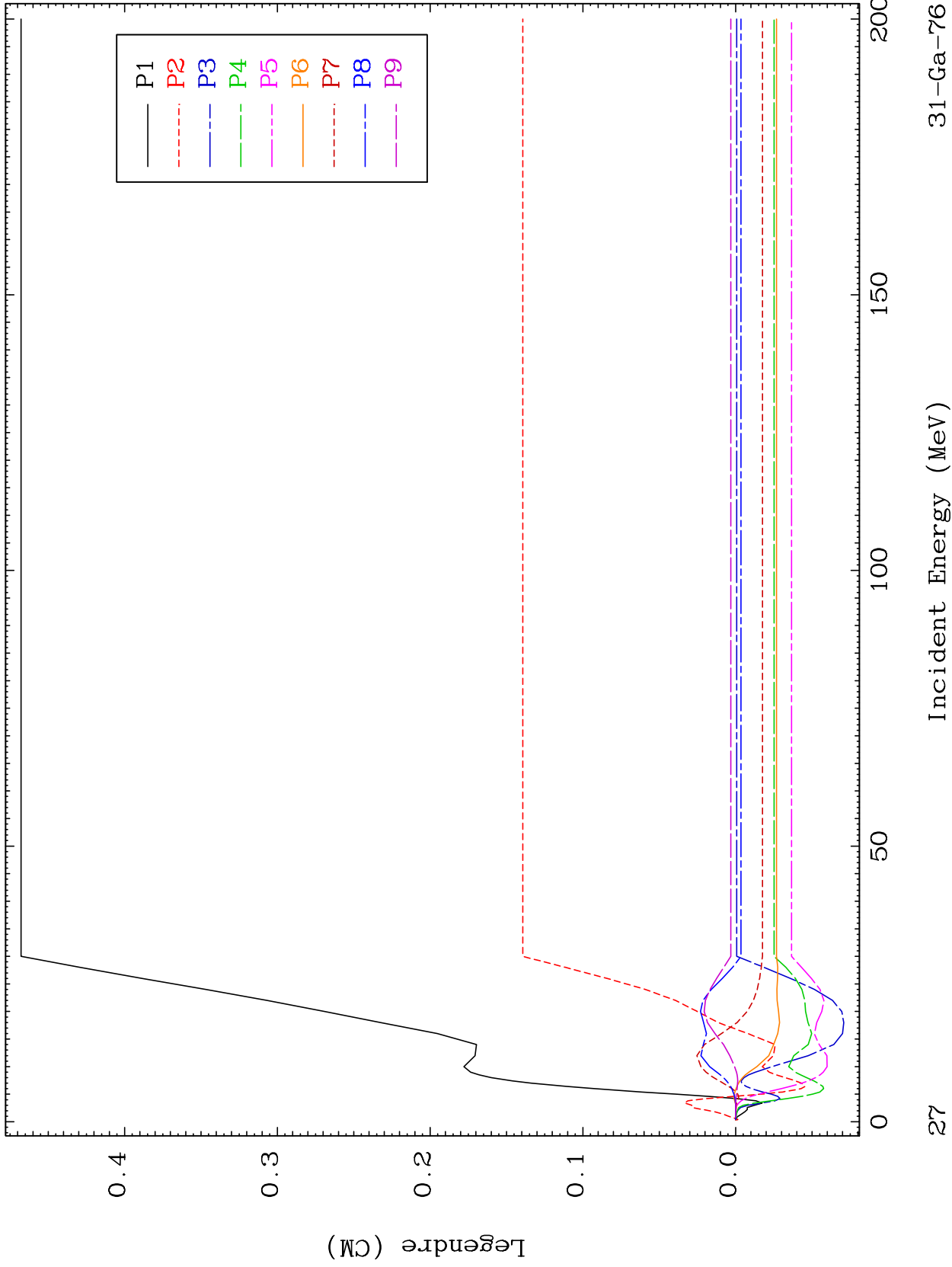
26

31-Ga-76

MAT 3146

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

31-Ga-76



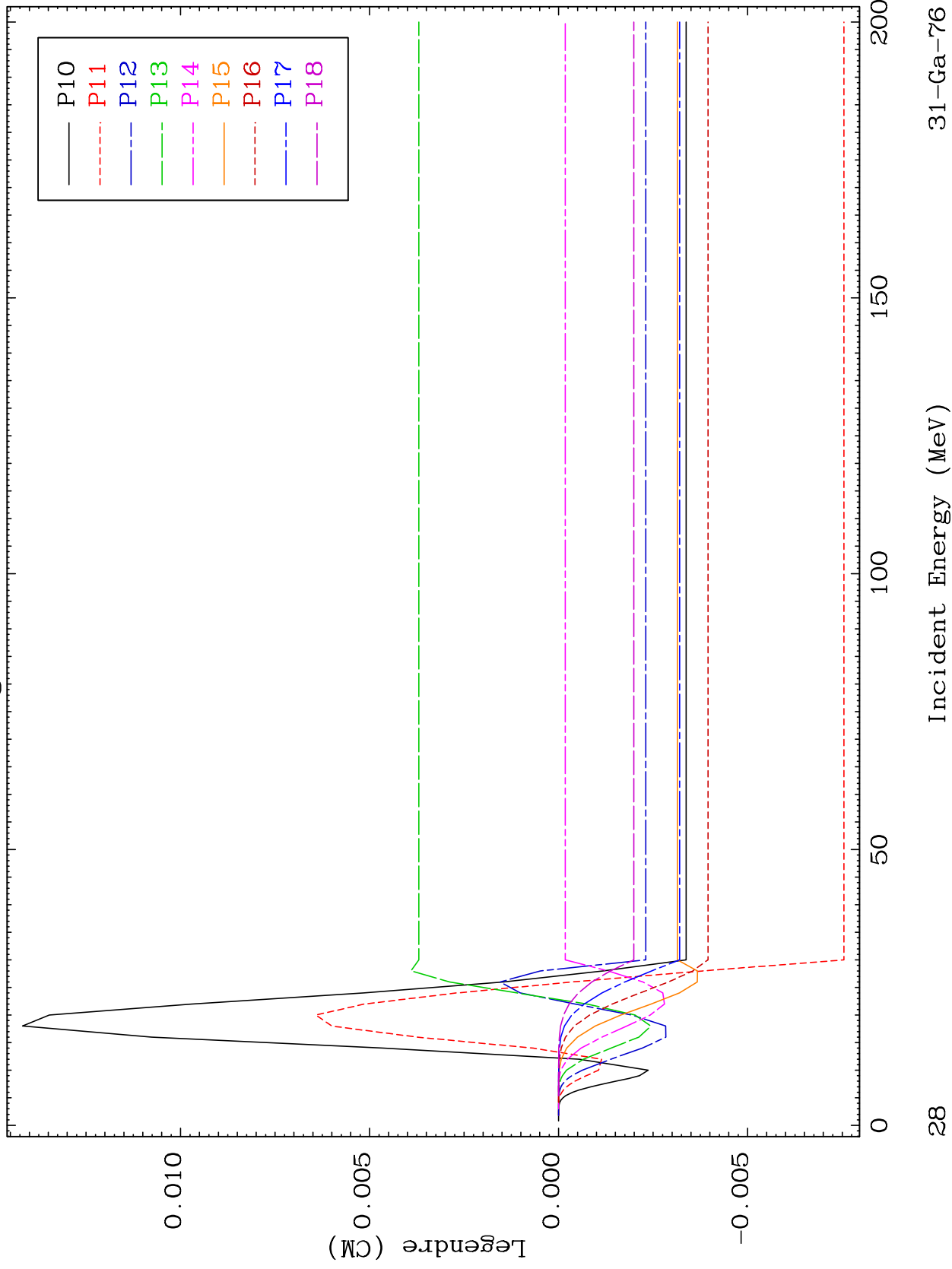
27

31-Ga-76

MAT 3146

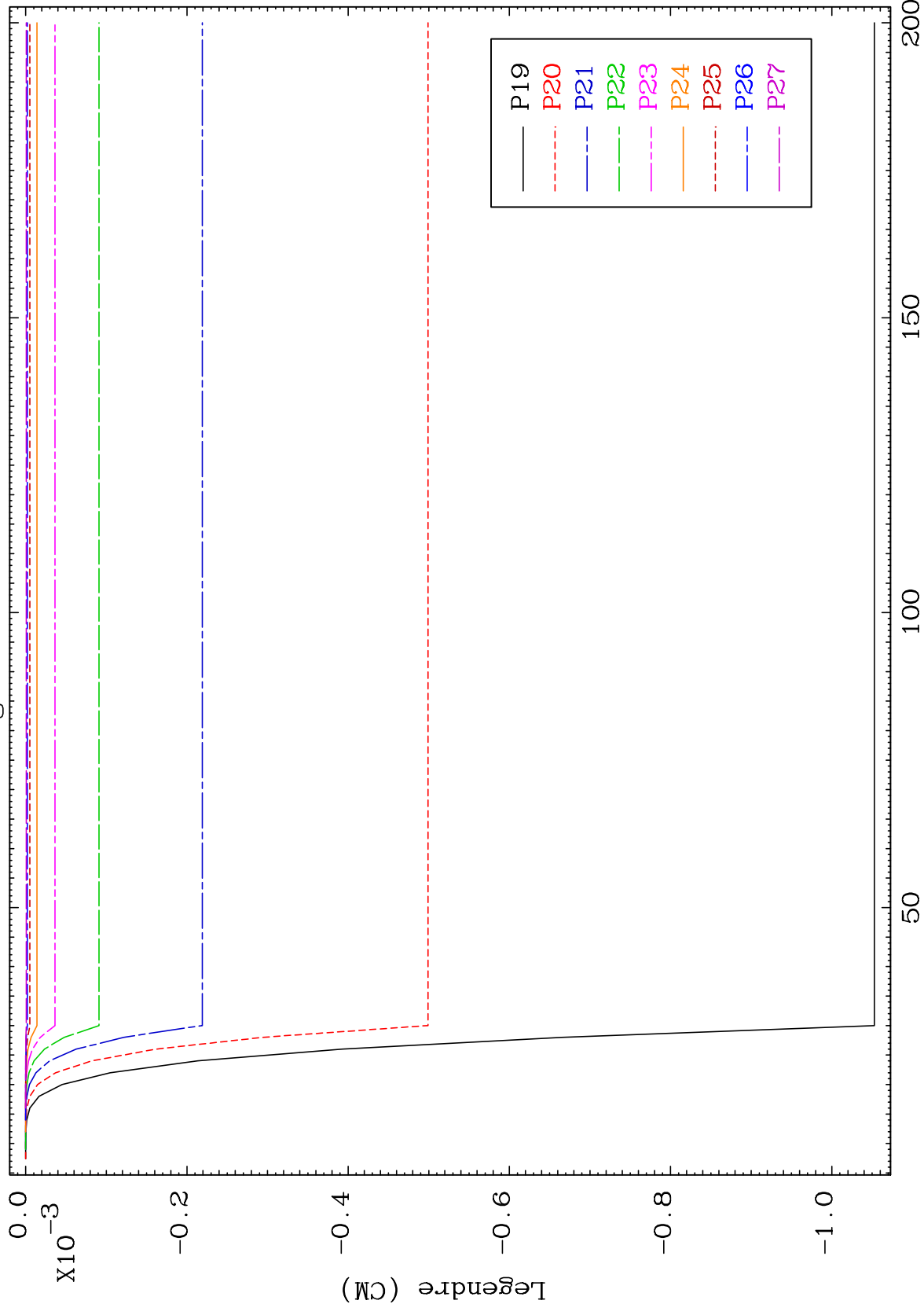
MT= 54 (n,n') Level
Legendre Coefficients

31-Ga-76



28

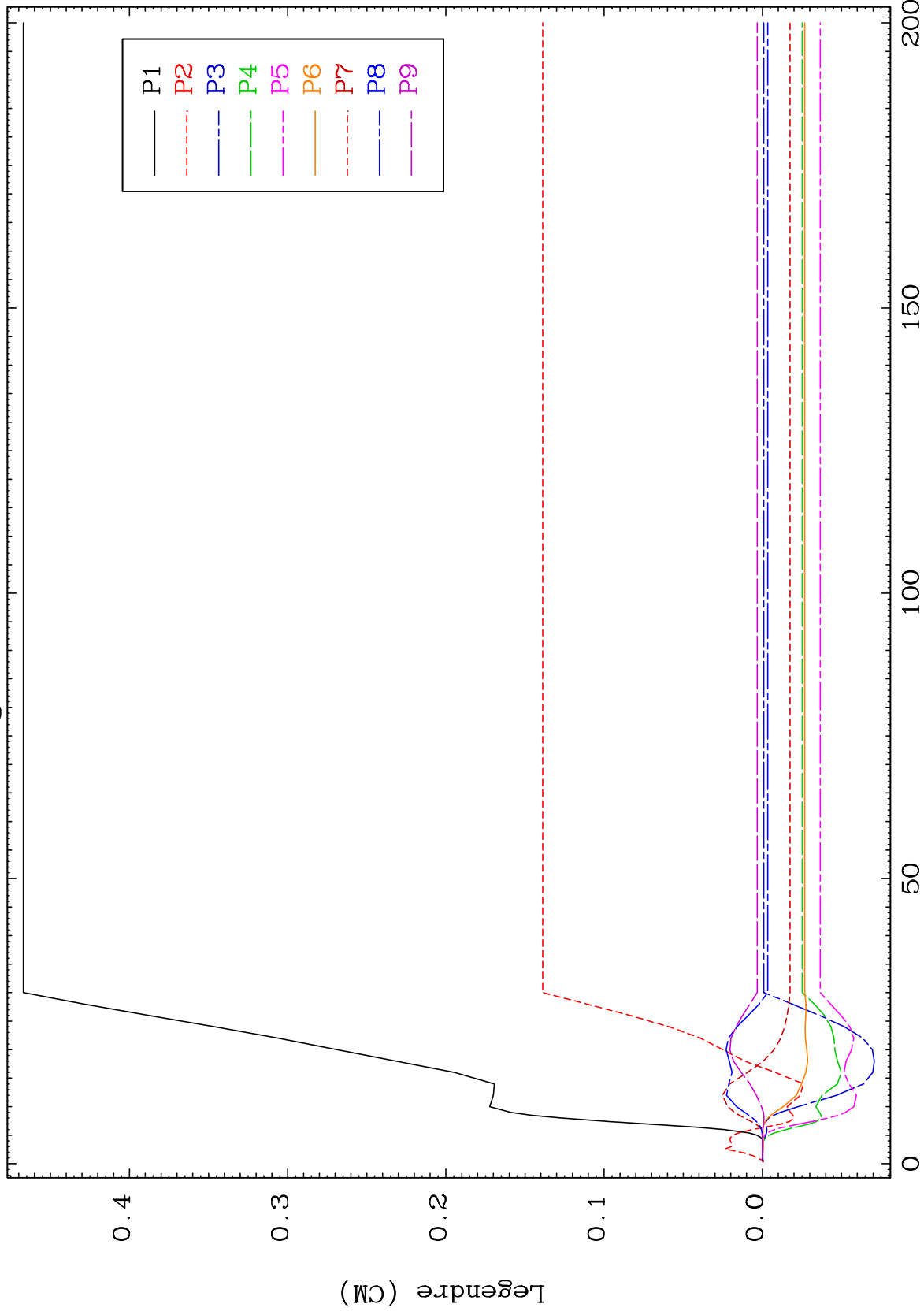
31-Ga-76



MAT 3146

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

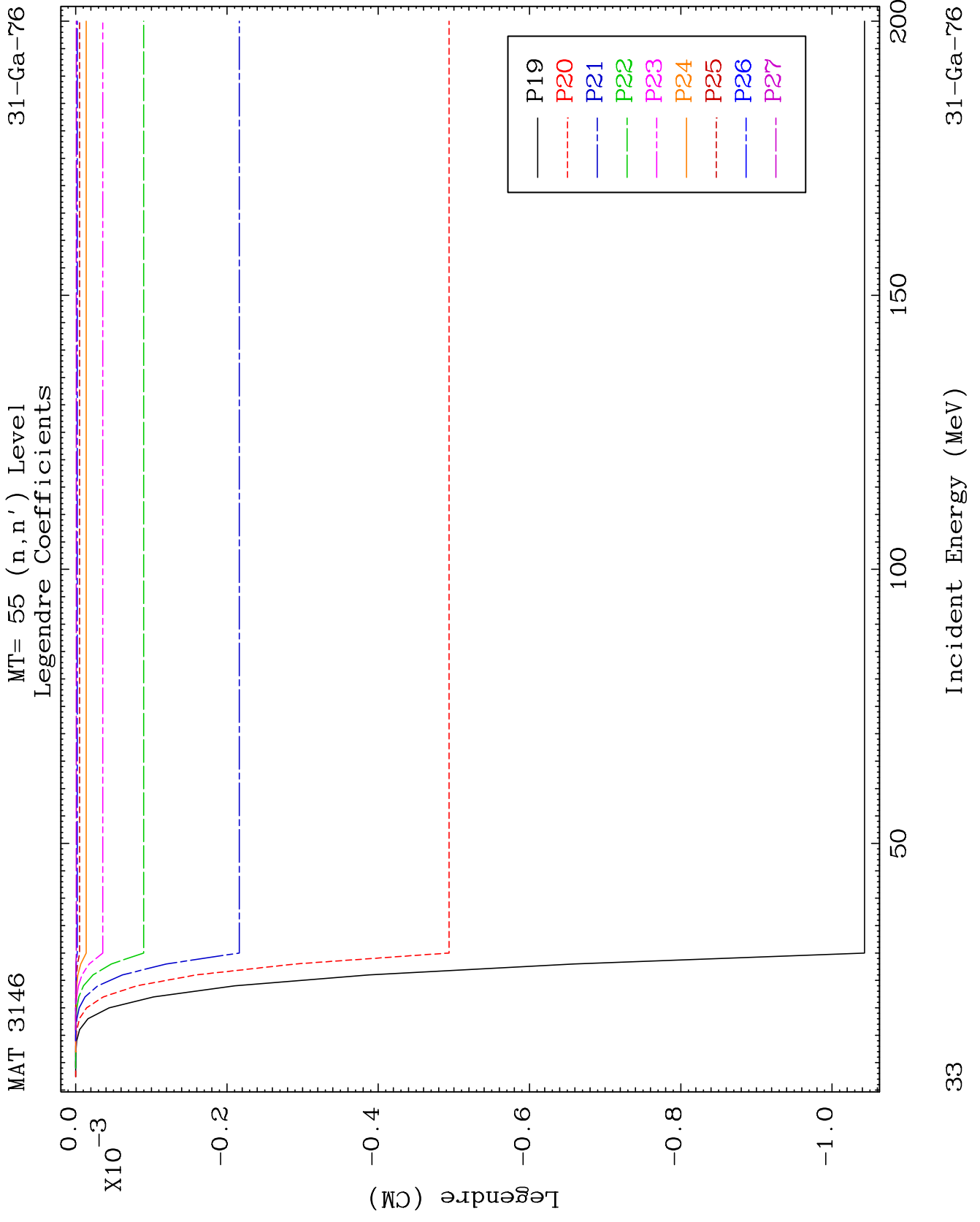
31-Ga-76

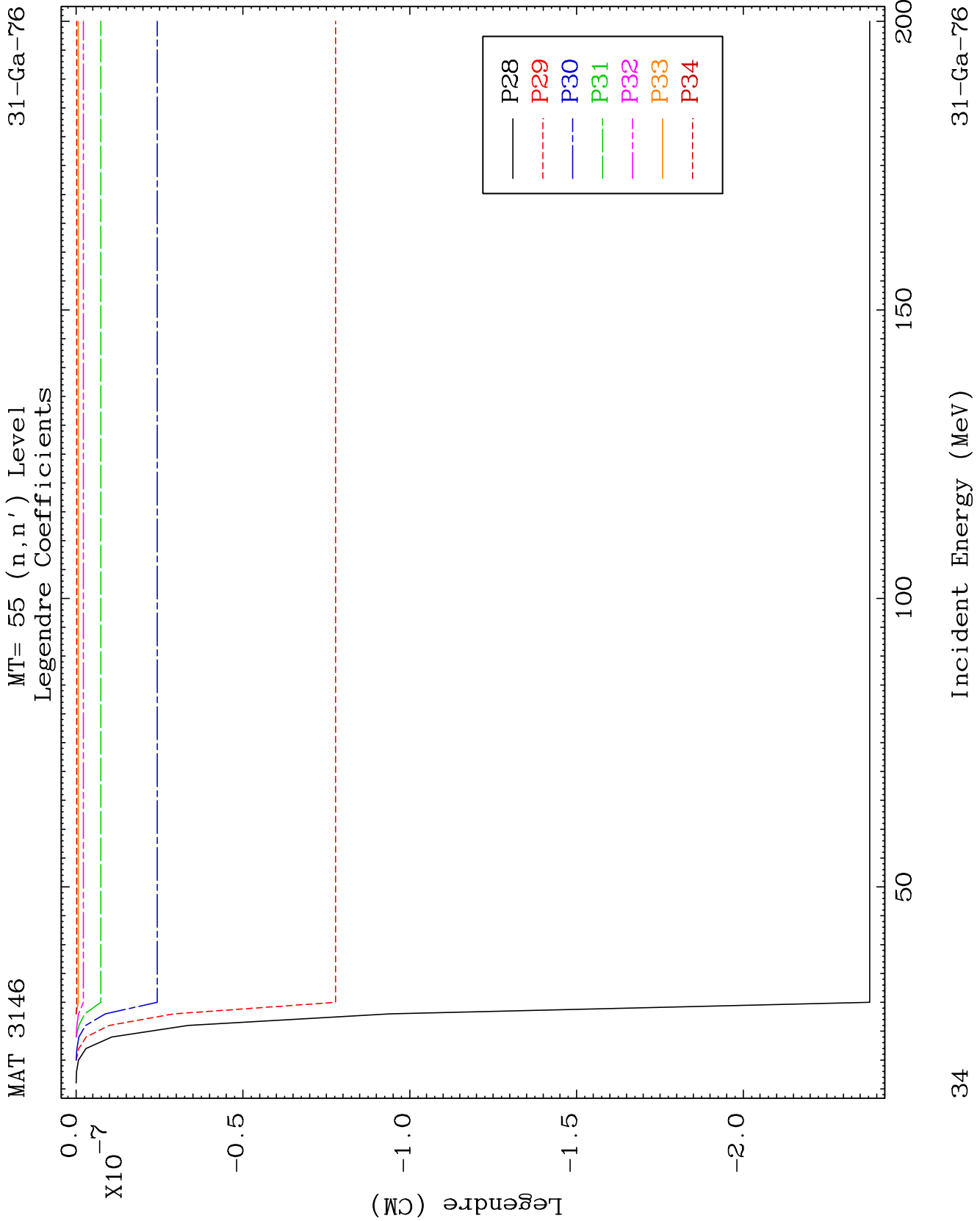


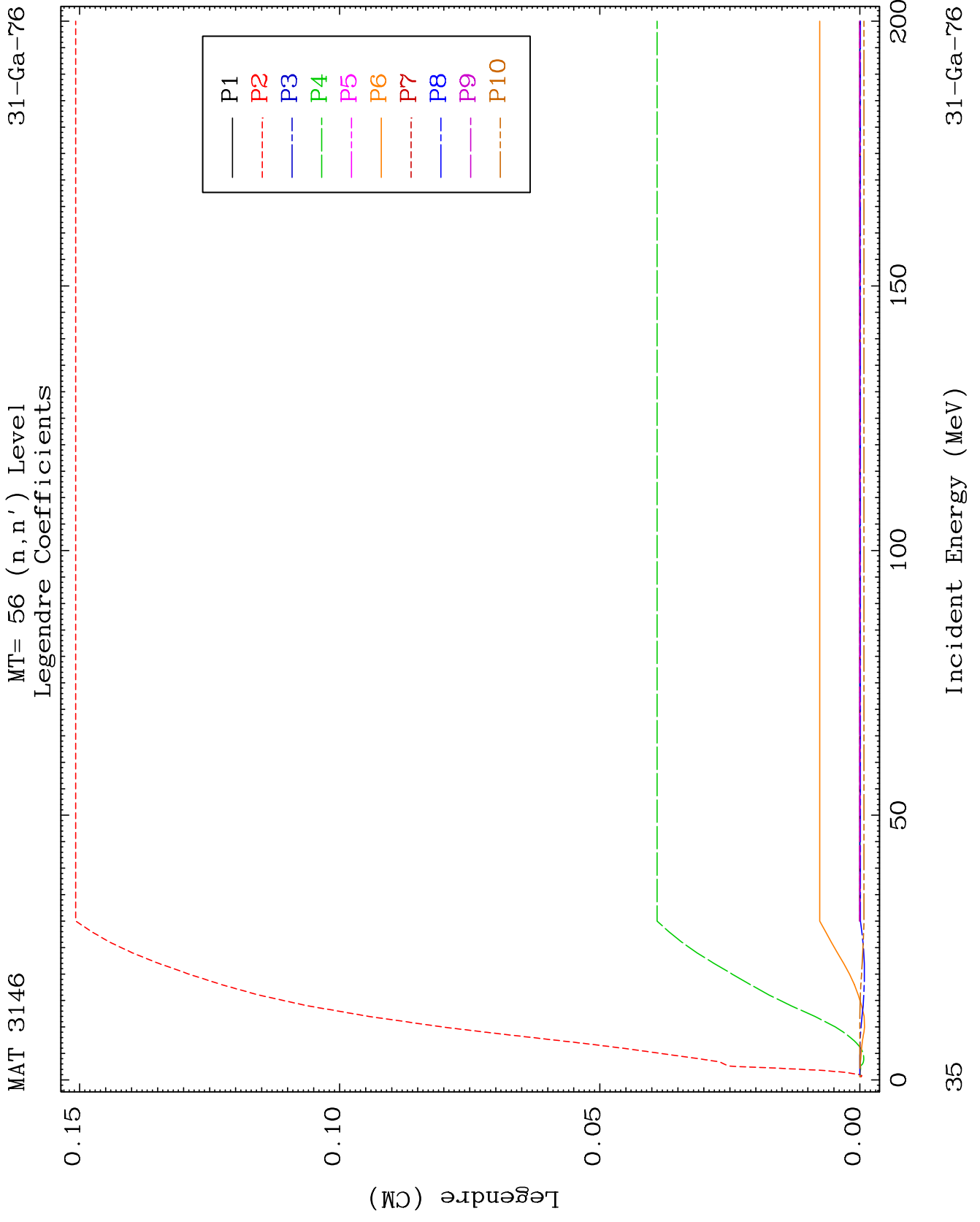
31

Incident Energy (MeV)

31-Ga-76



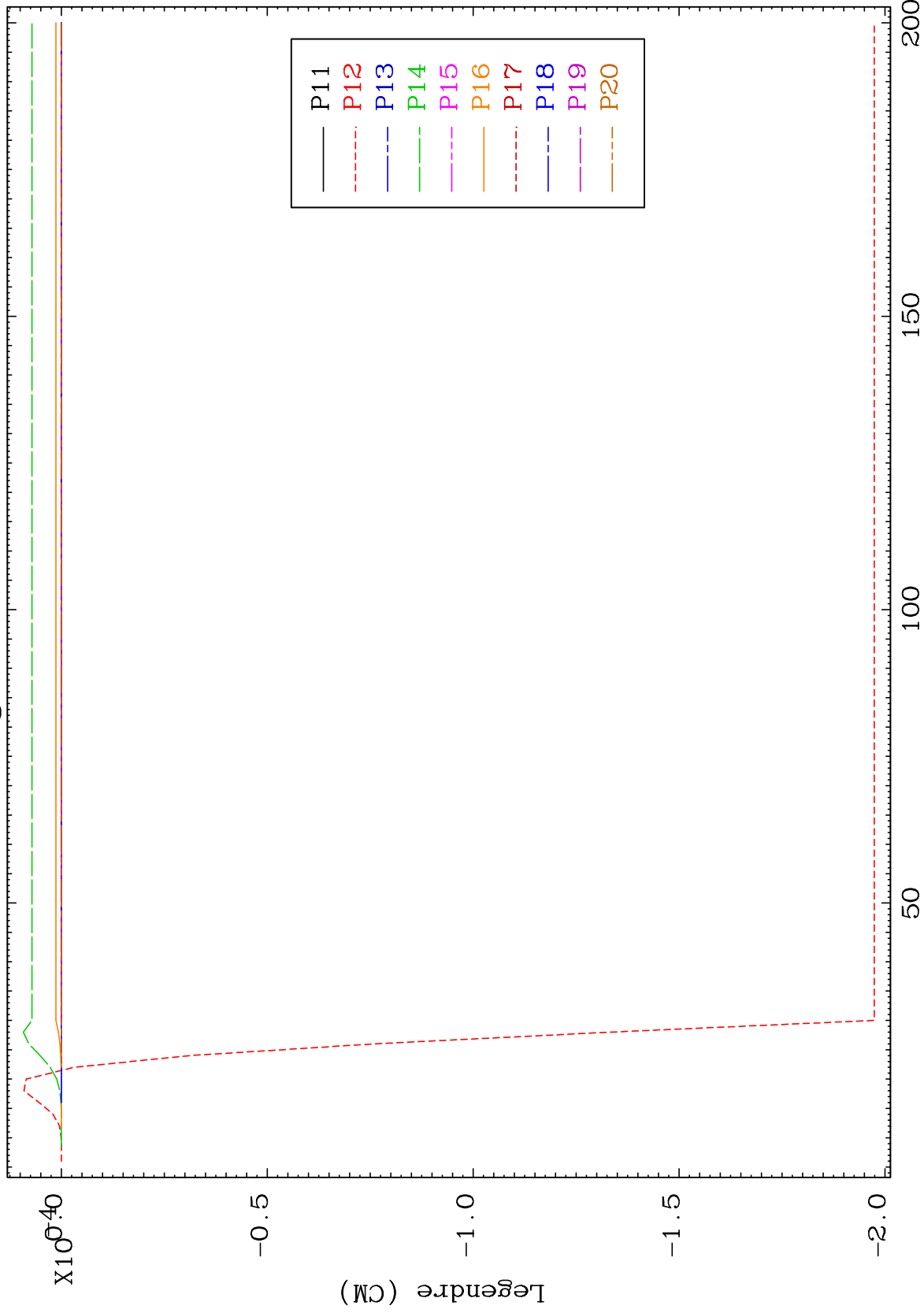




MAT 3146

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

31-Ga-76



36

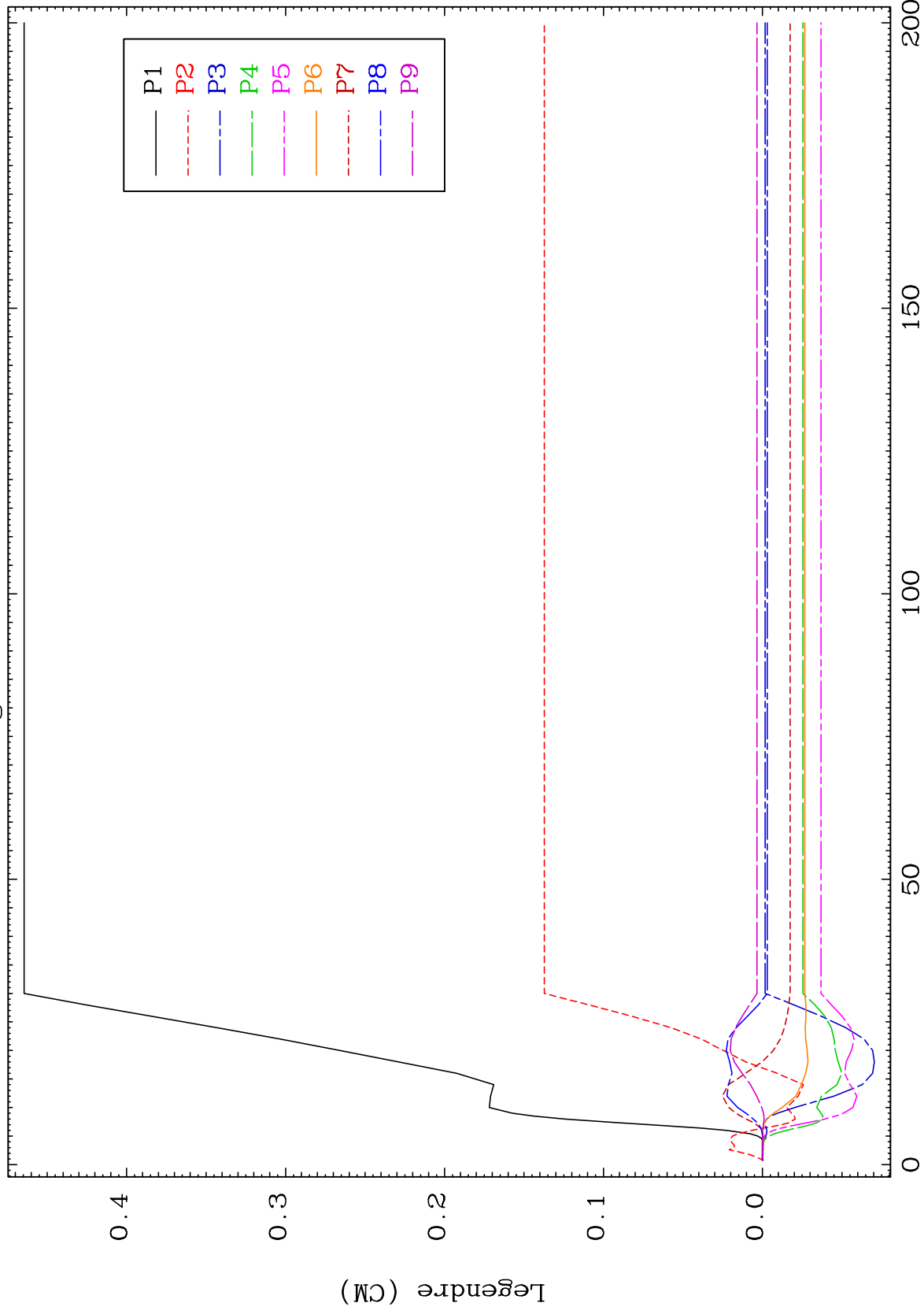
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76

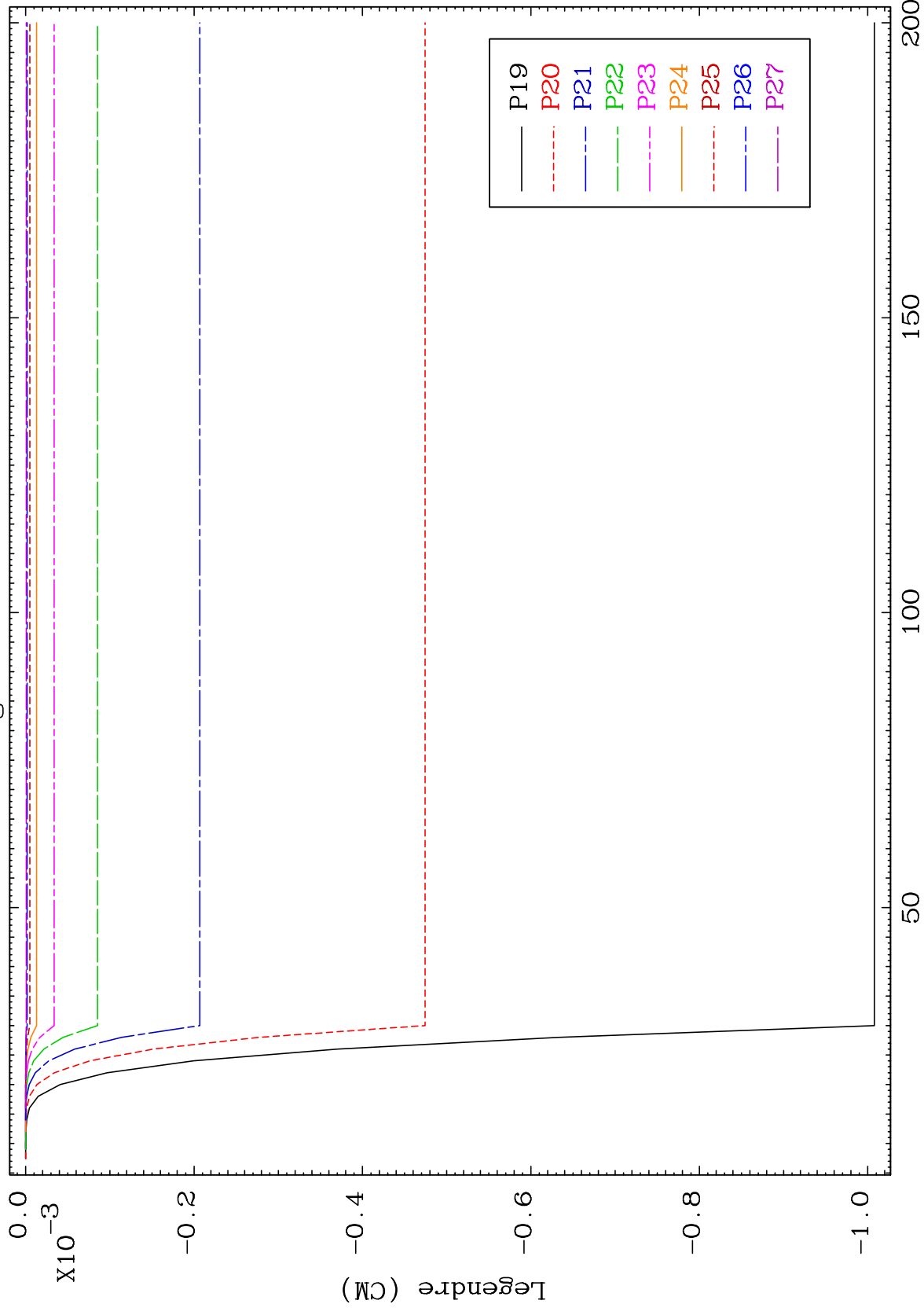


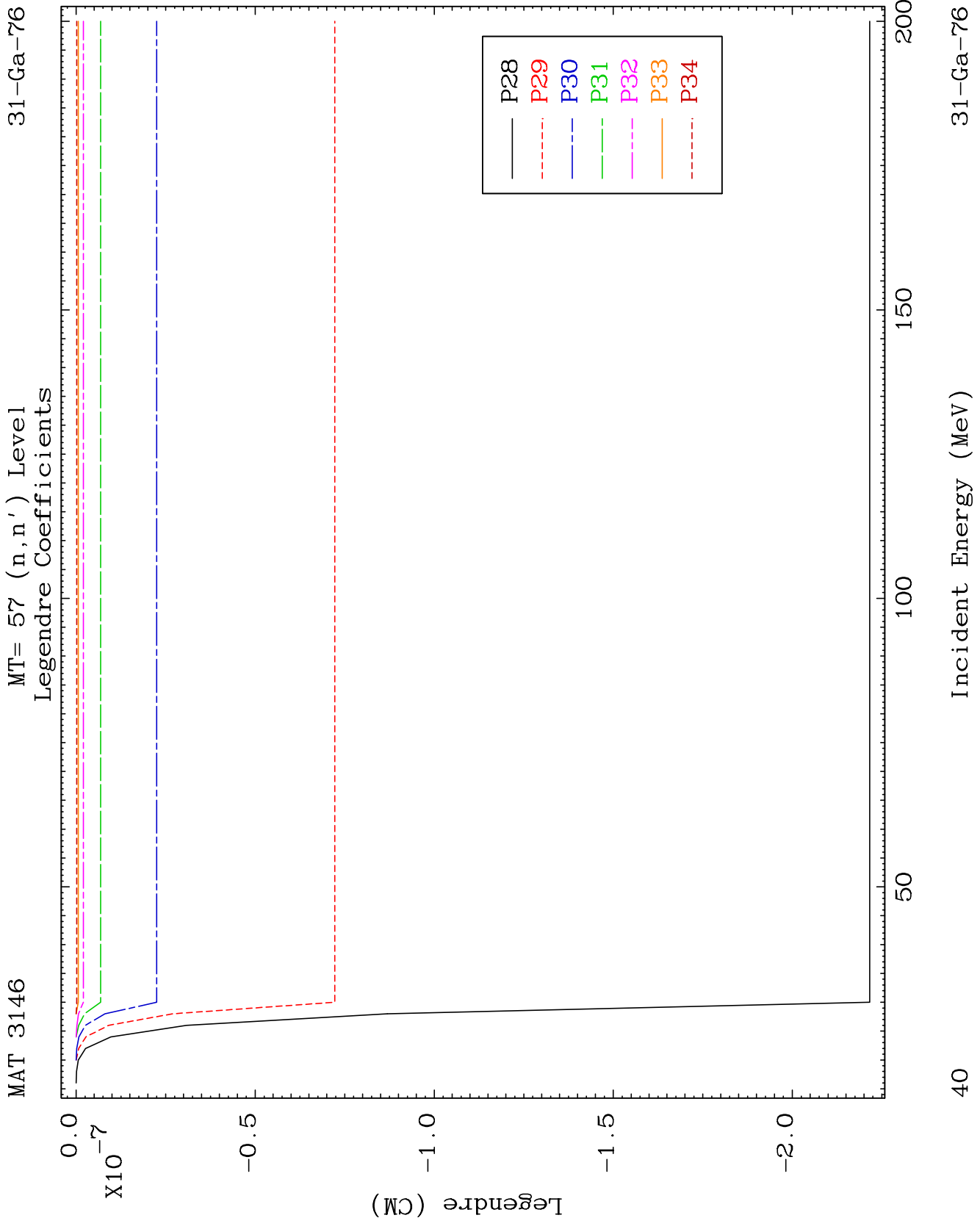
37

Incident Energy (MeV)

31-Ga-76

Legendre Coefficients

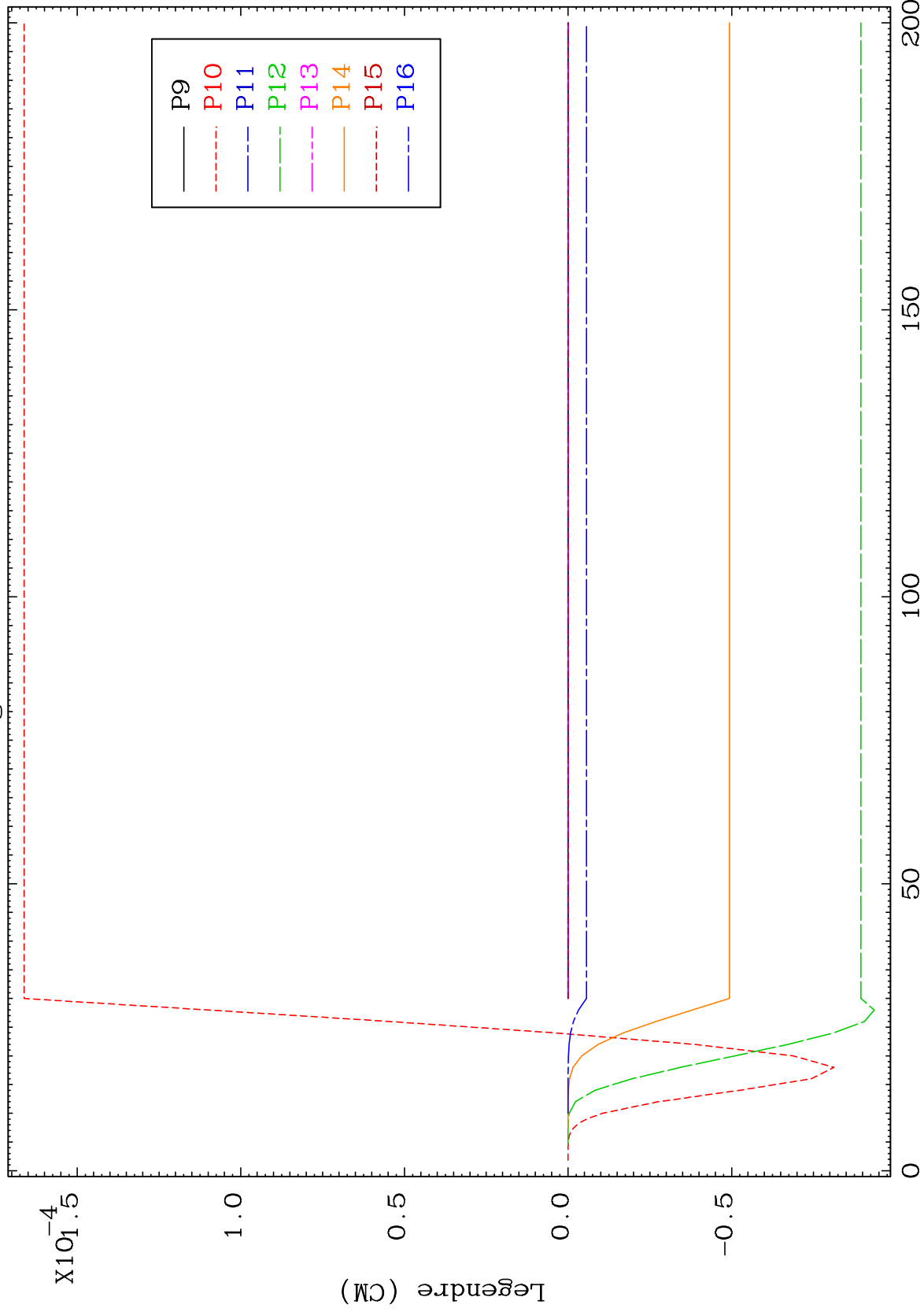




MAT 3146

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

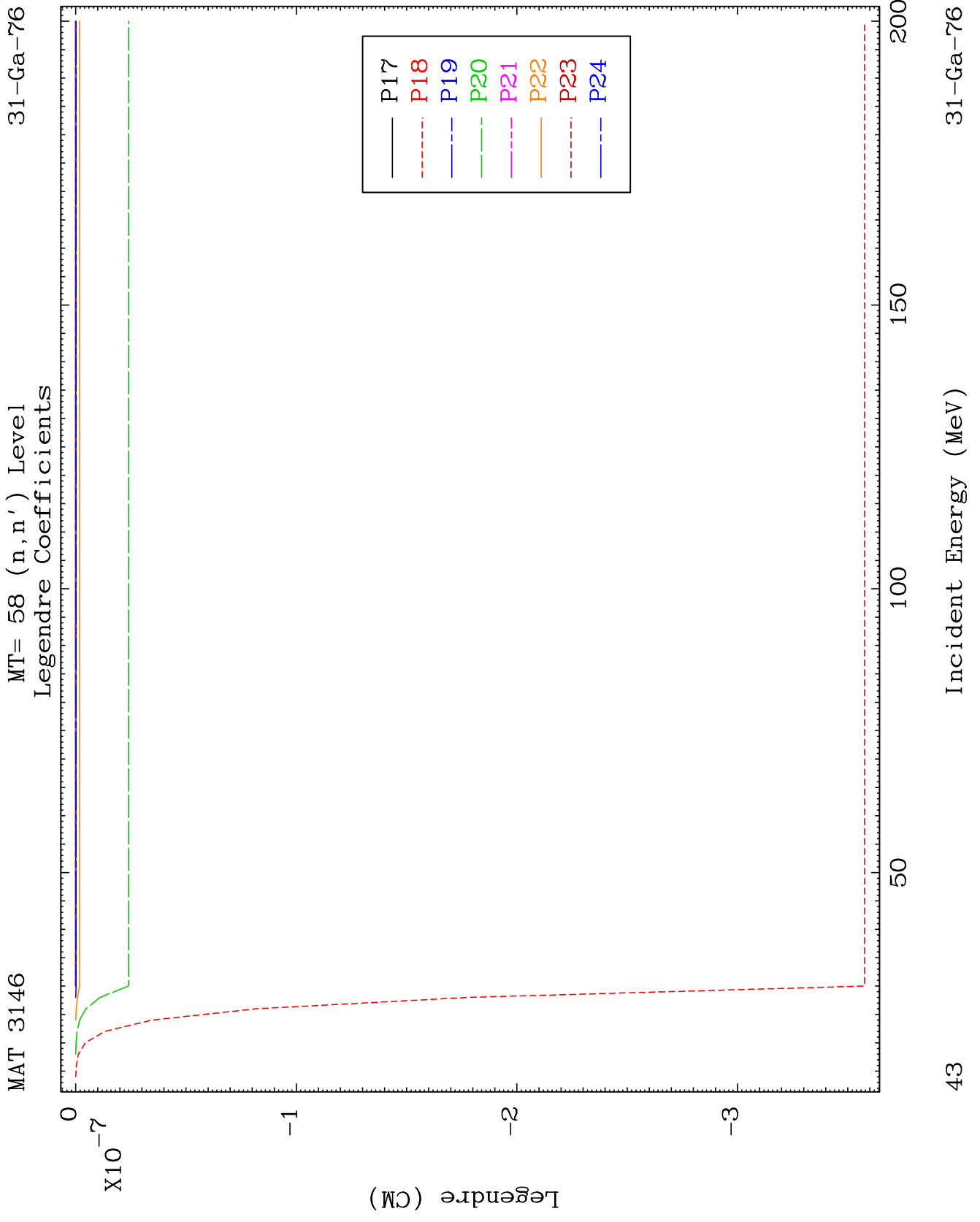
31-Ga-76

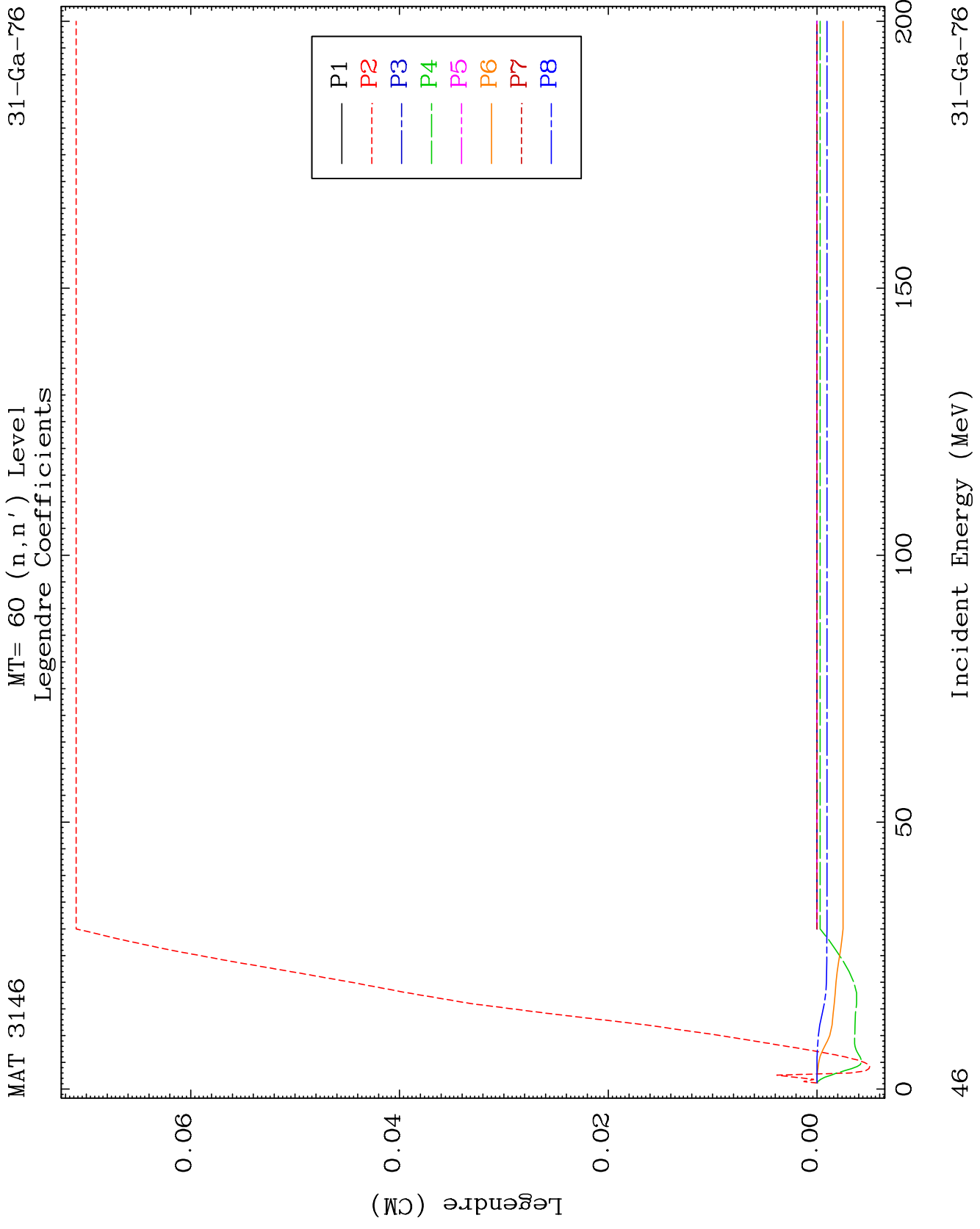


42

Incident Energy (MeV)

31-Ga-76

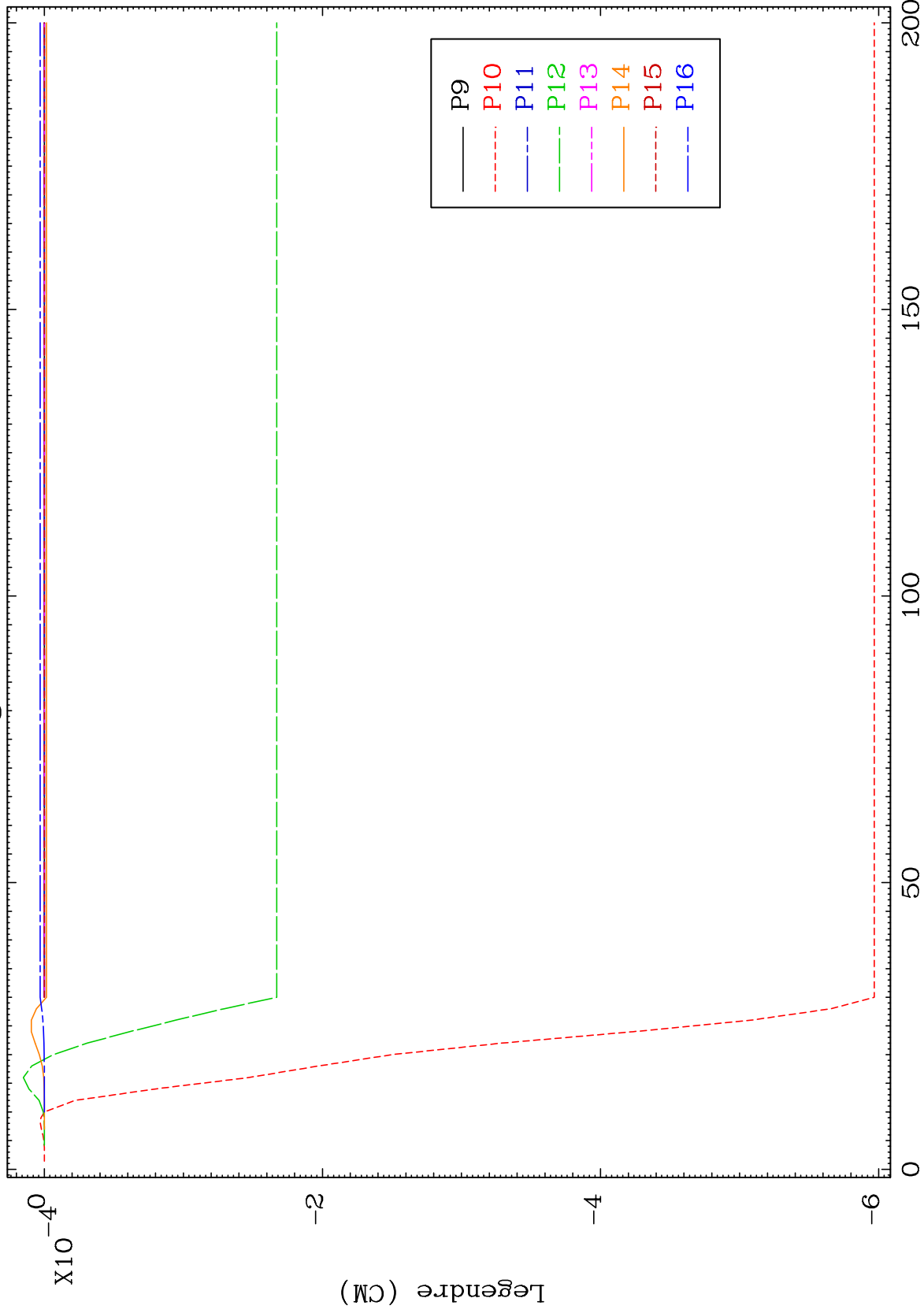




MAT 3146

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

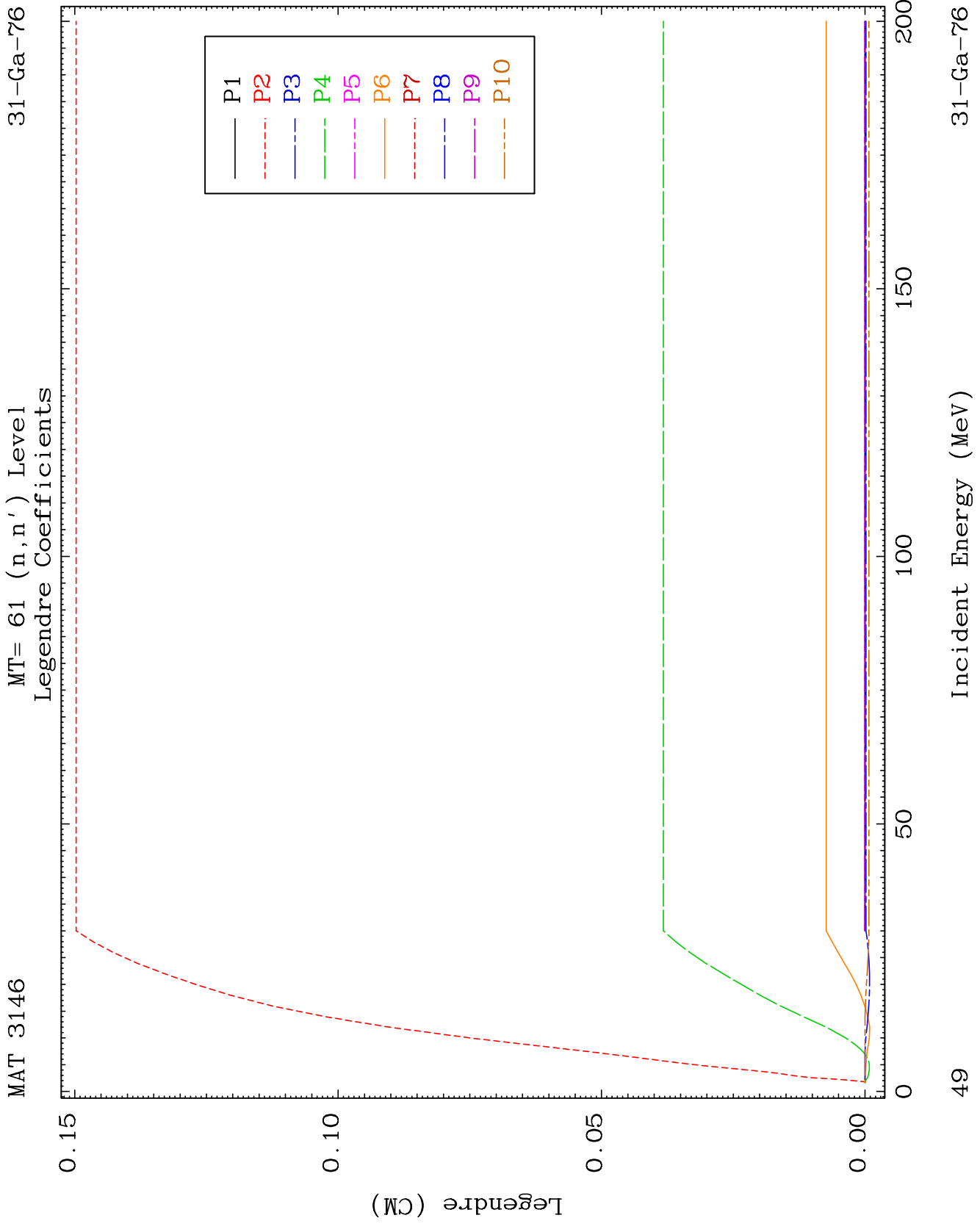
31-Ga-76

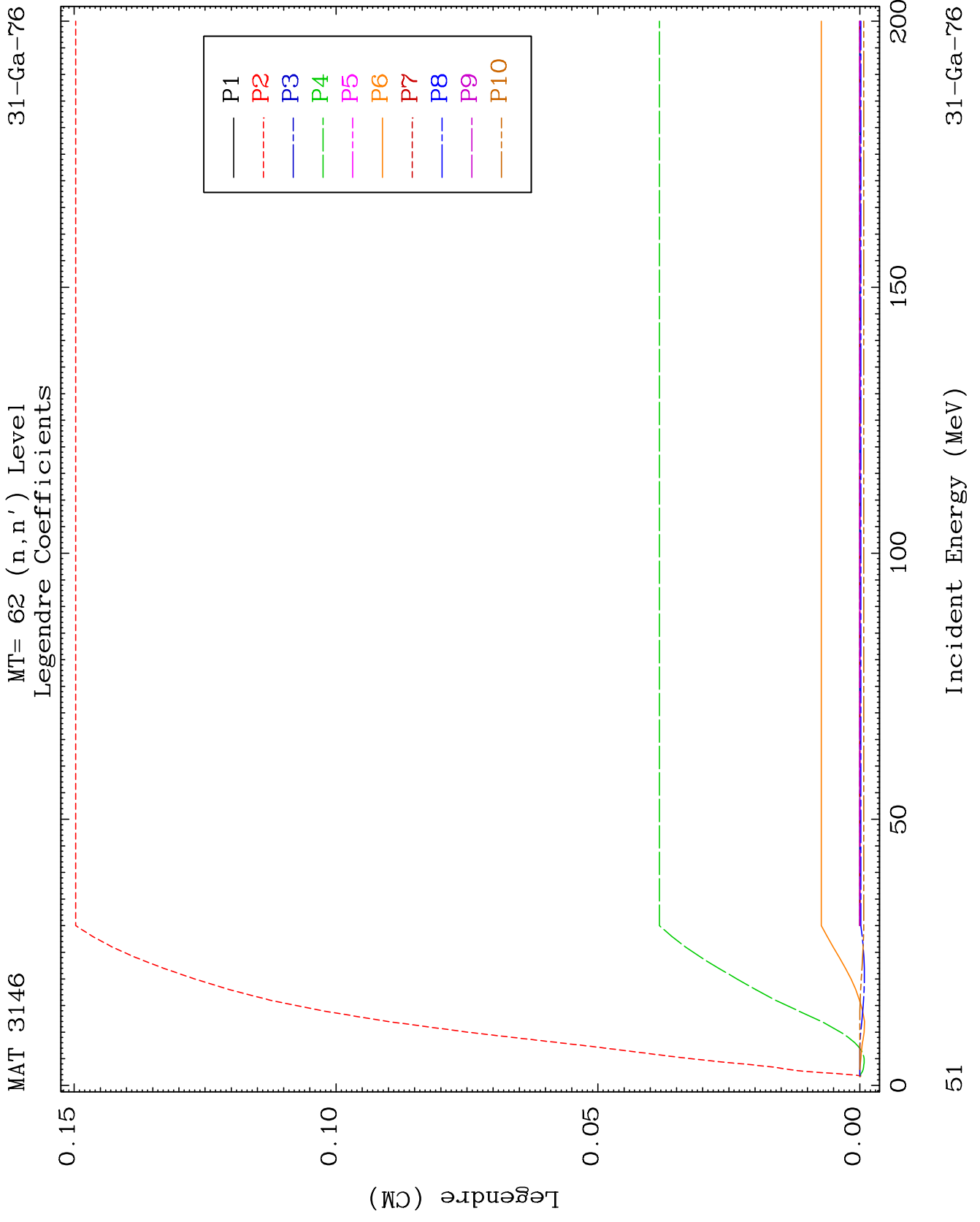


47

Incident Energy (MeV)

31-Ga-76

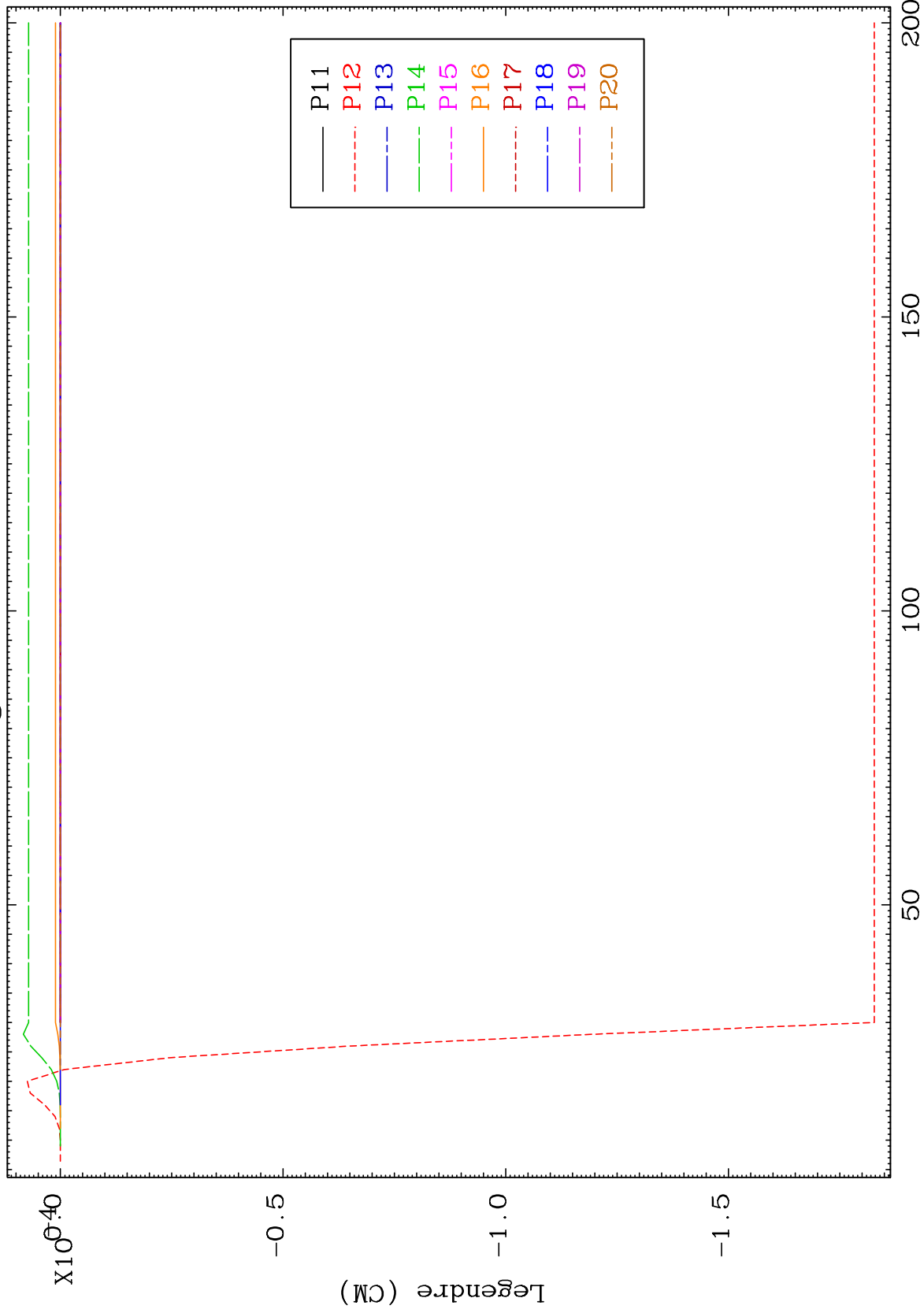




MAT 3146

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

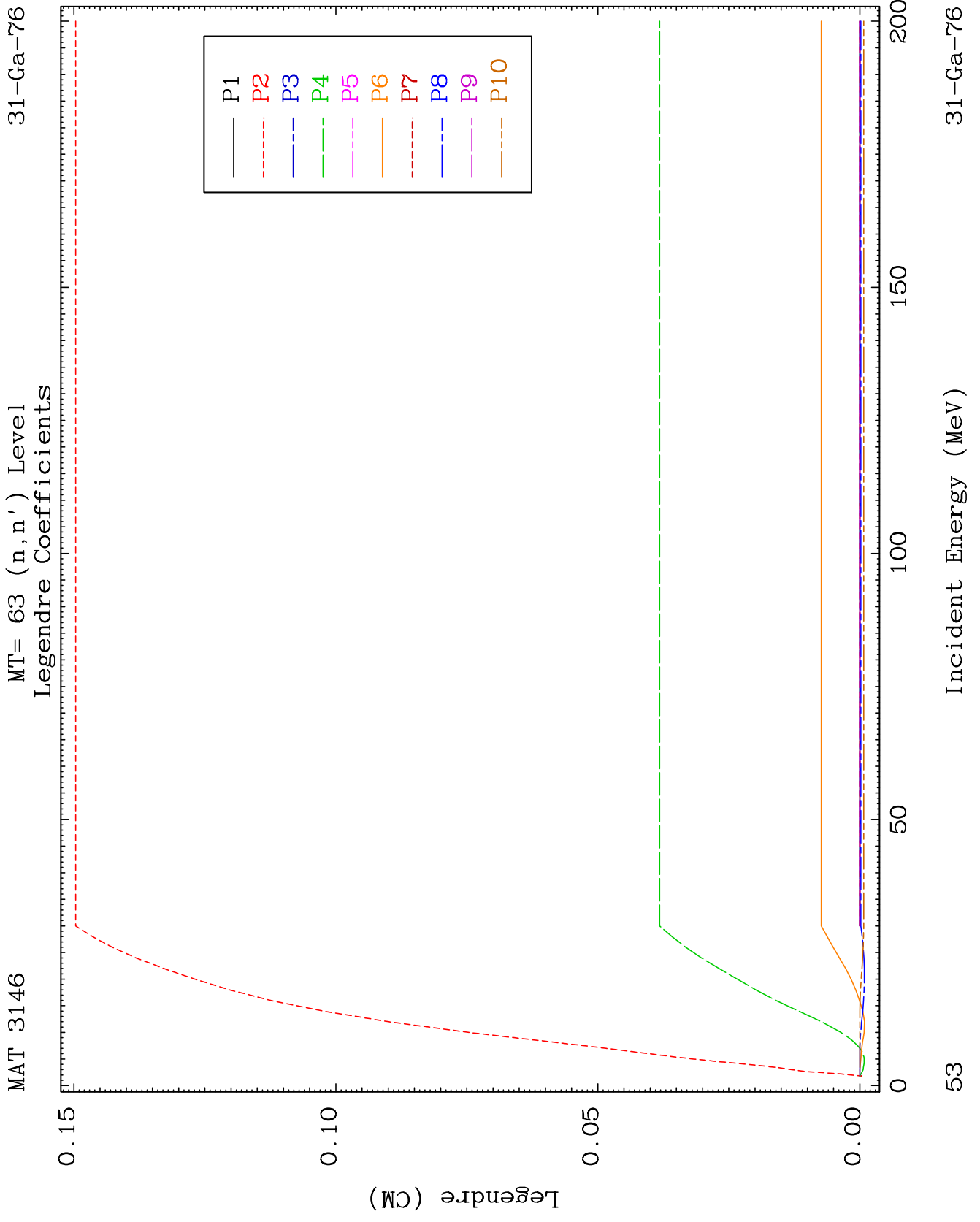
31-Ga-76



52

Incident Energy (MeV)

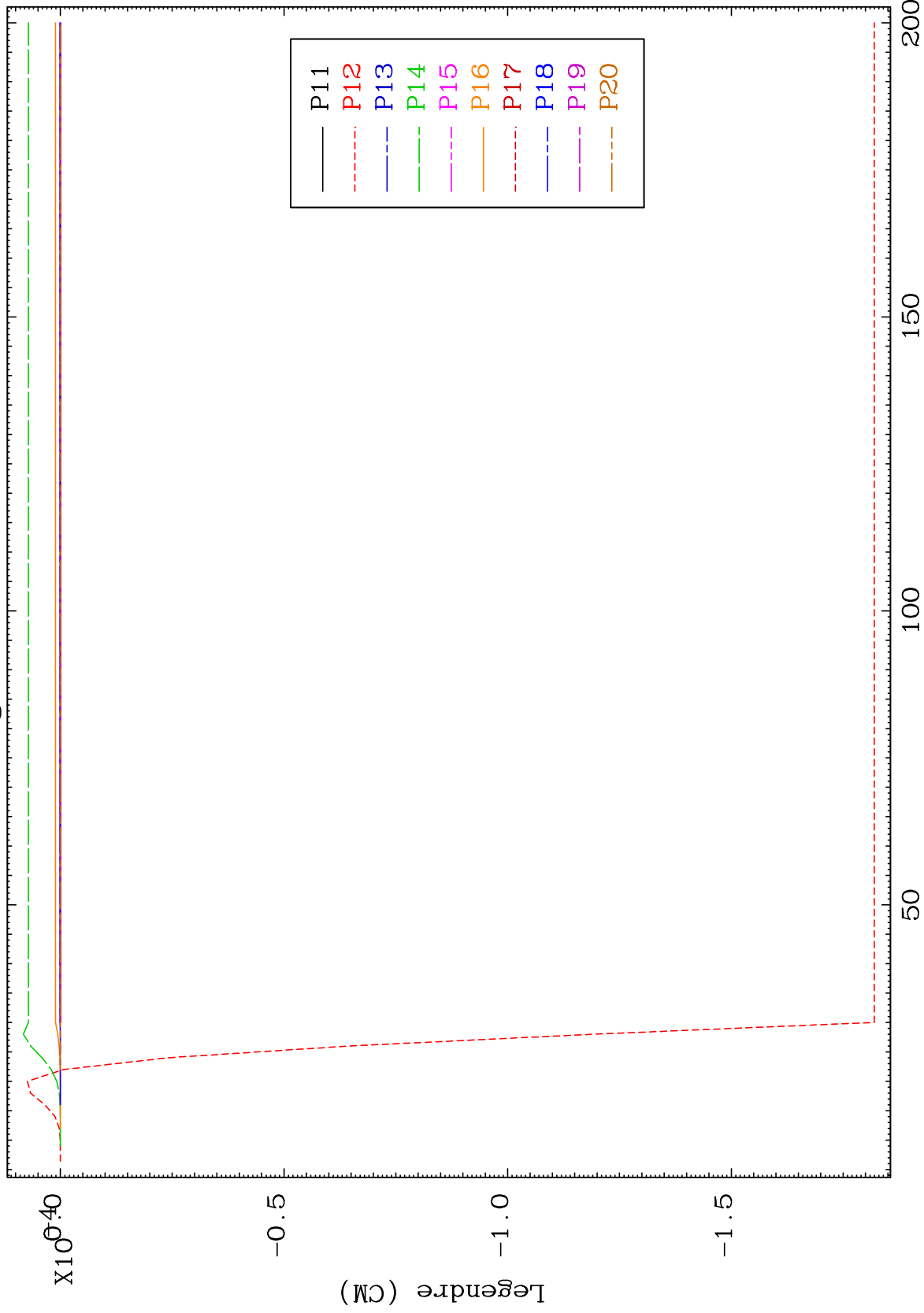
31-Ga-76



MAT 3146

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

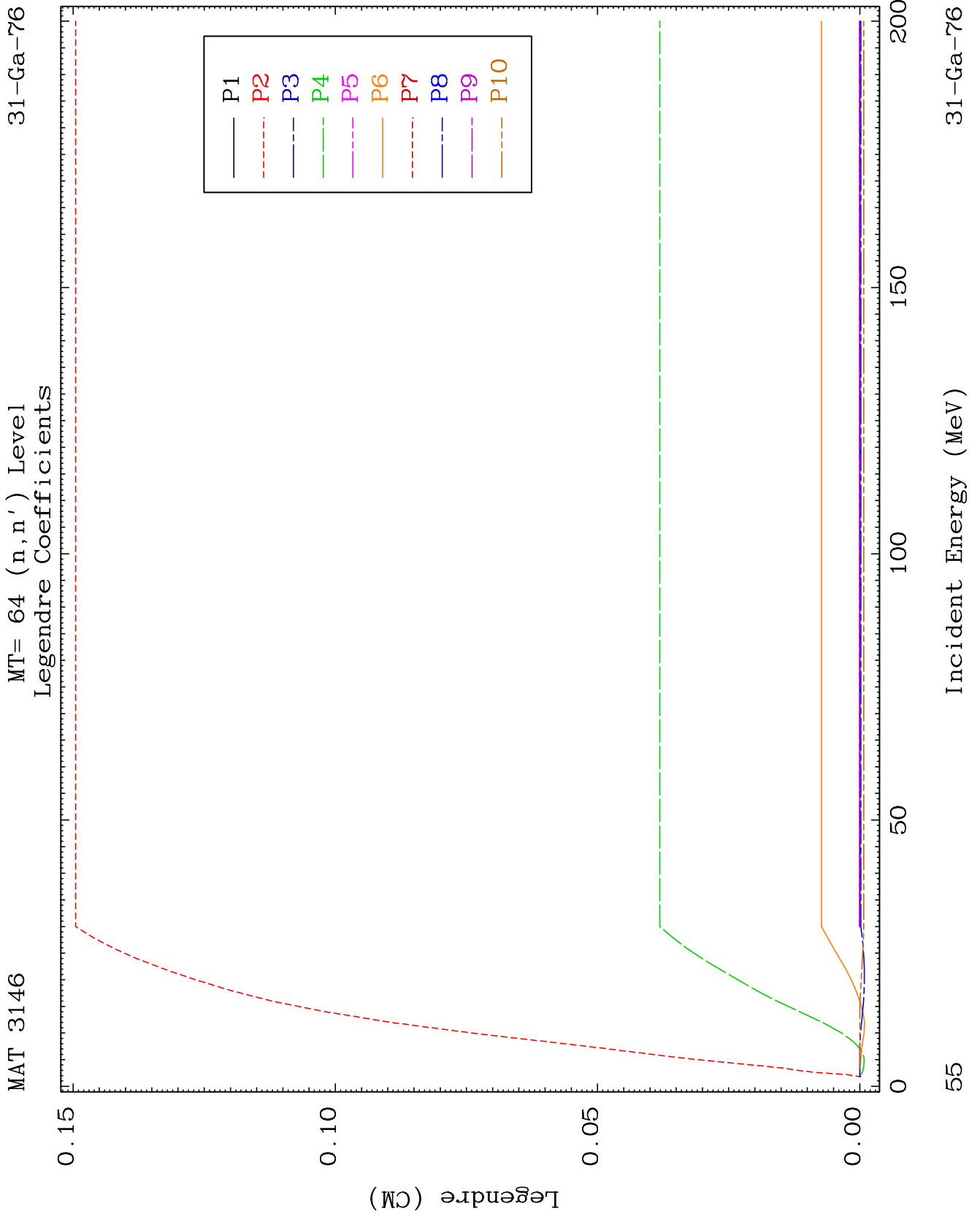
31-Ga-76



54

Incident Energy (MeV)

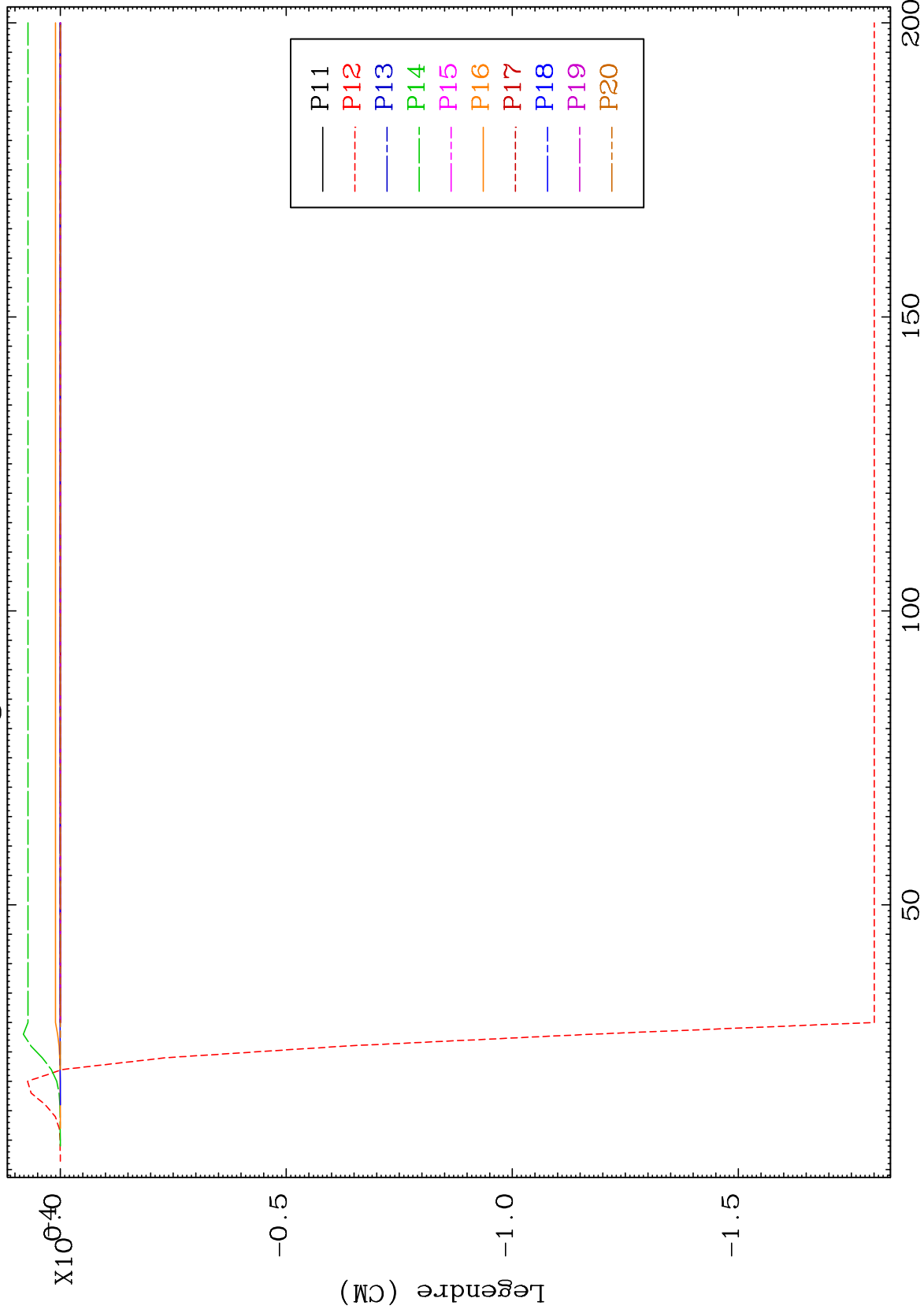
31-Ga-76



MAT 3146

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

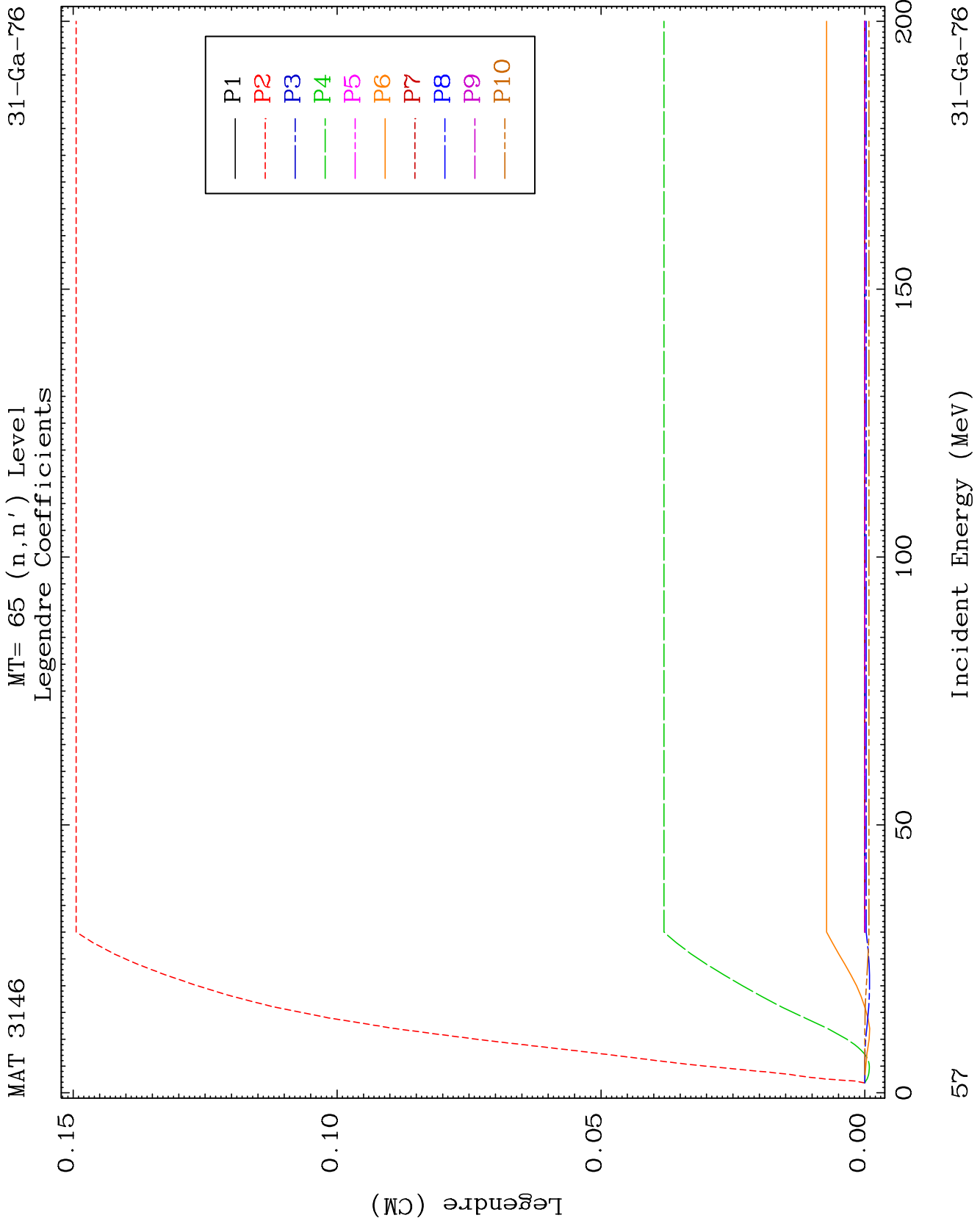
31-Ga-76



56

Incident Energy (MeV)

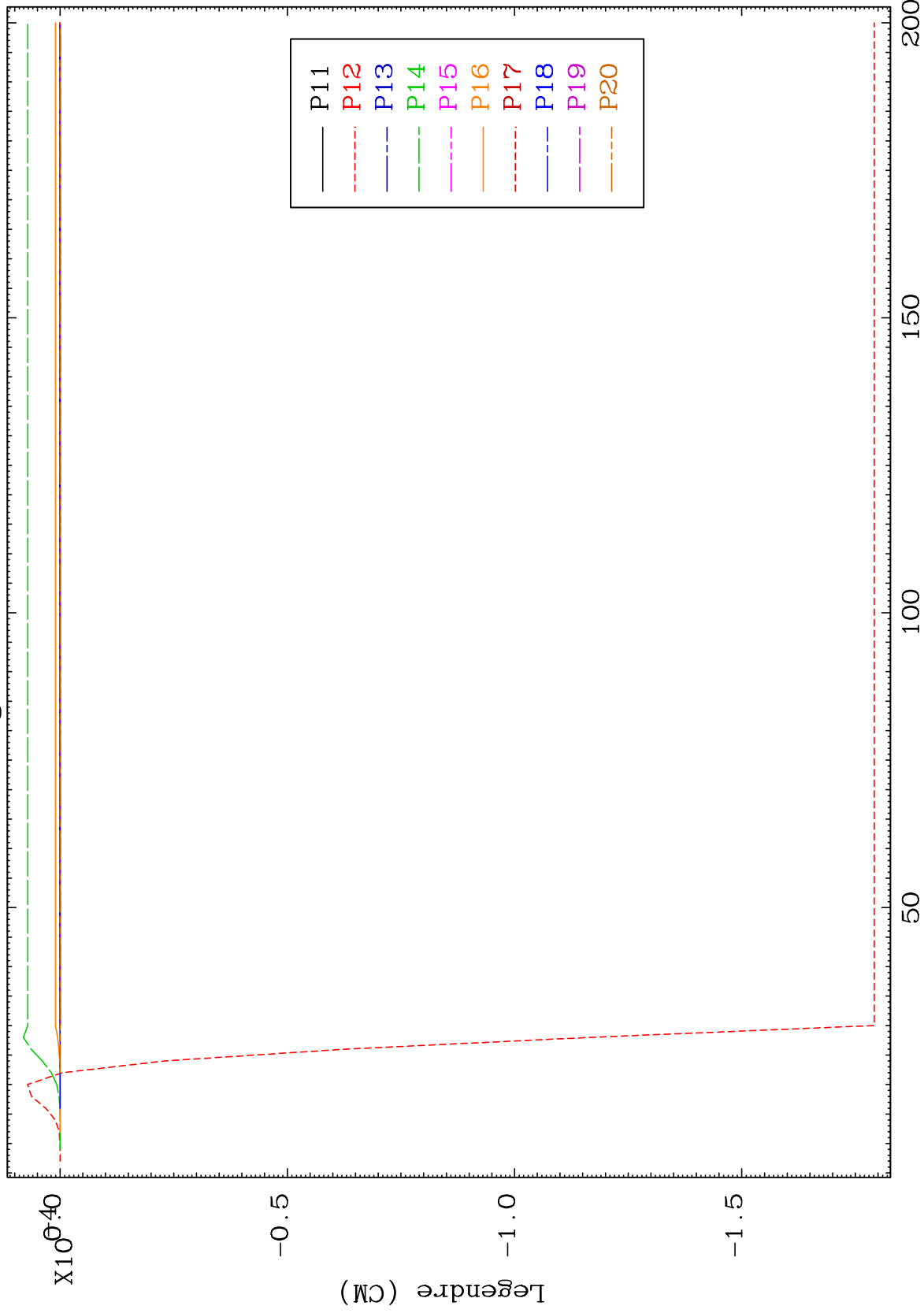
31-Ga-76



MAT 3146

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

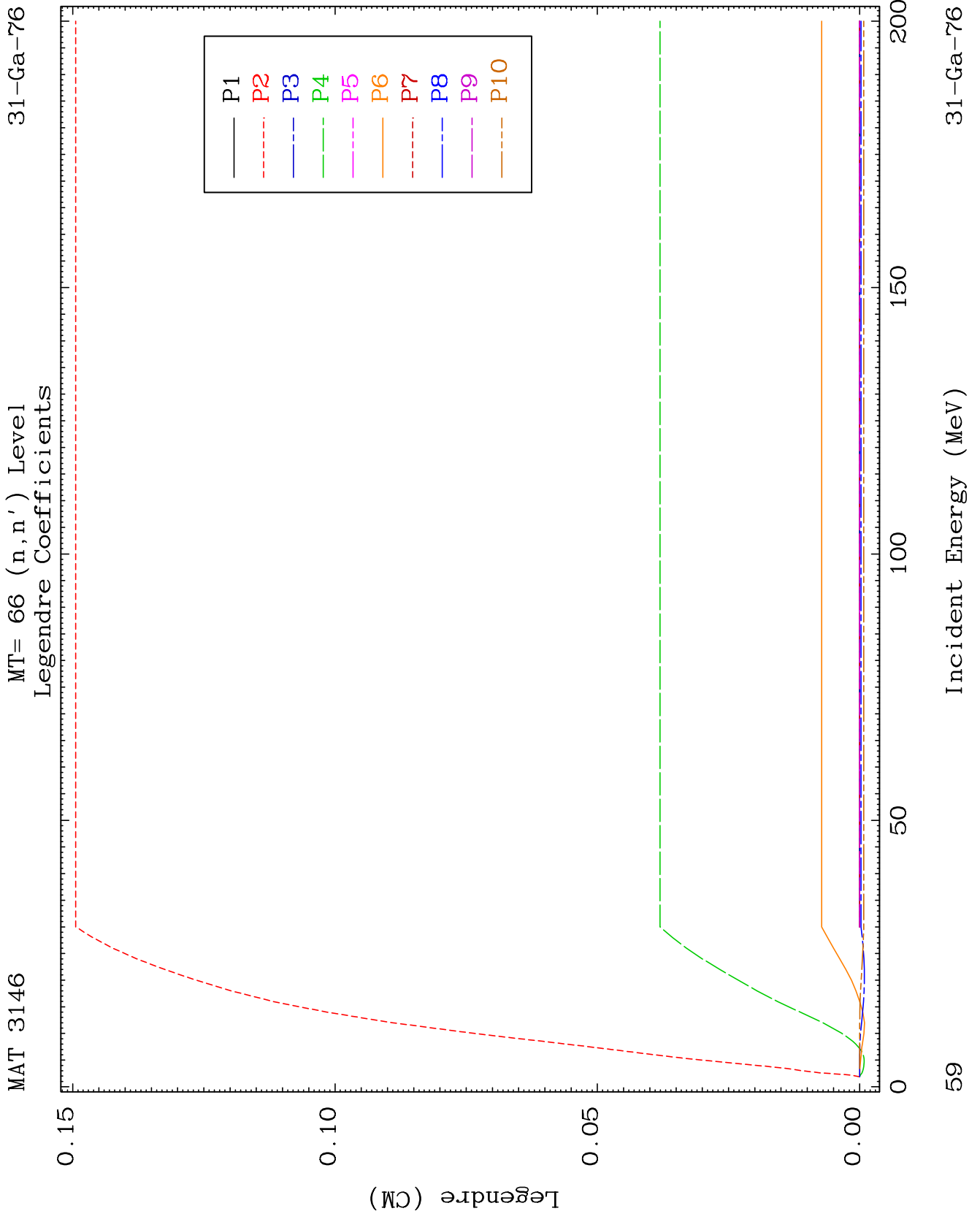
31-Ga-76

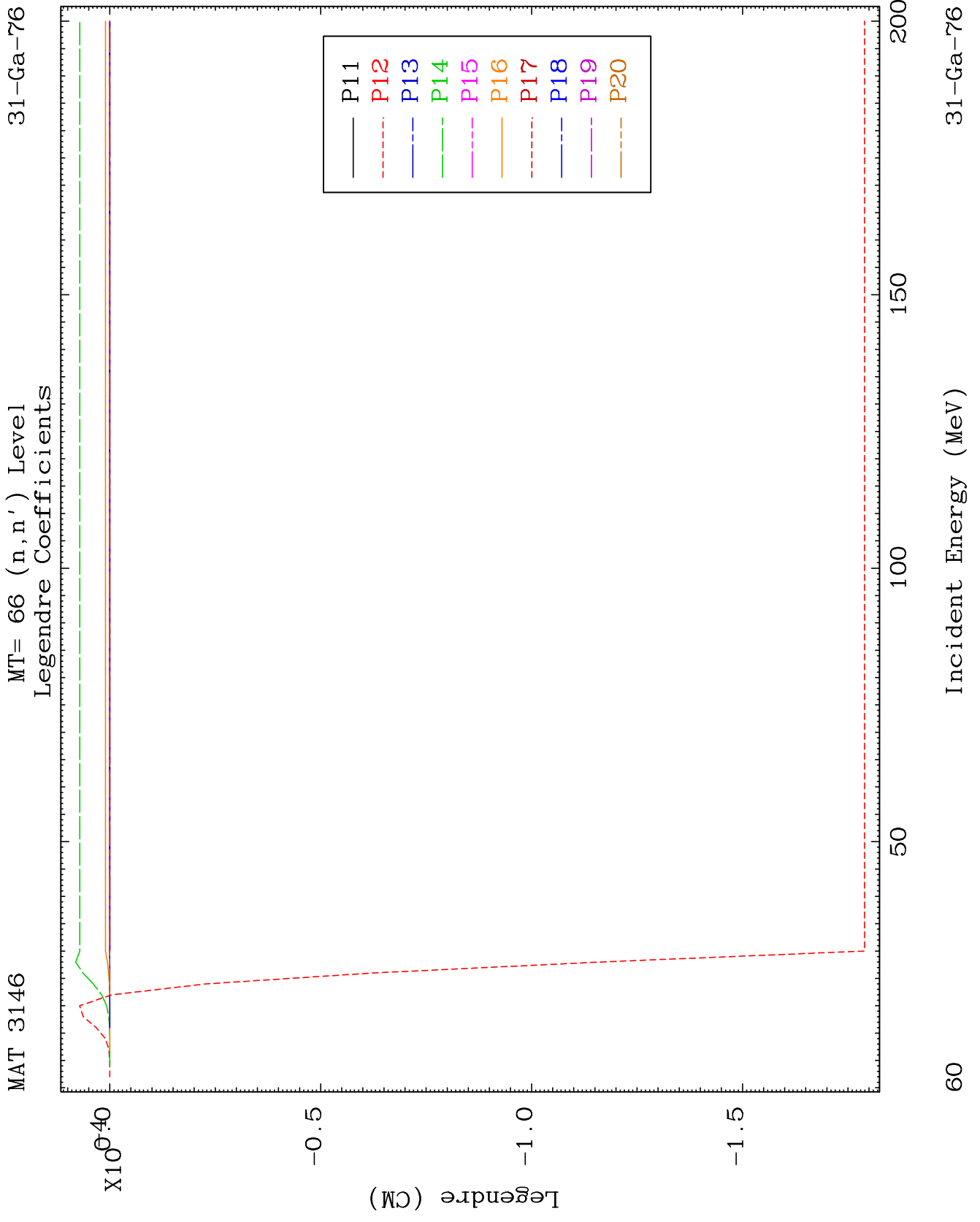


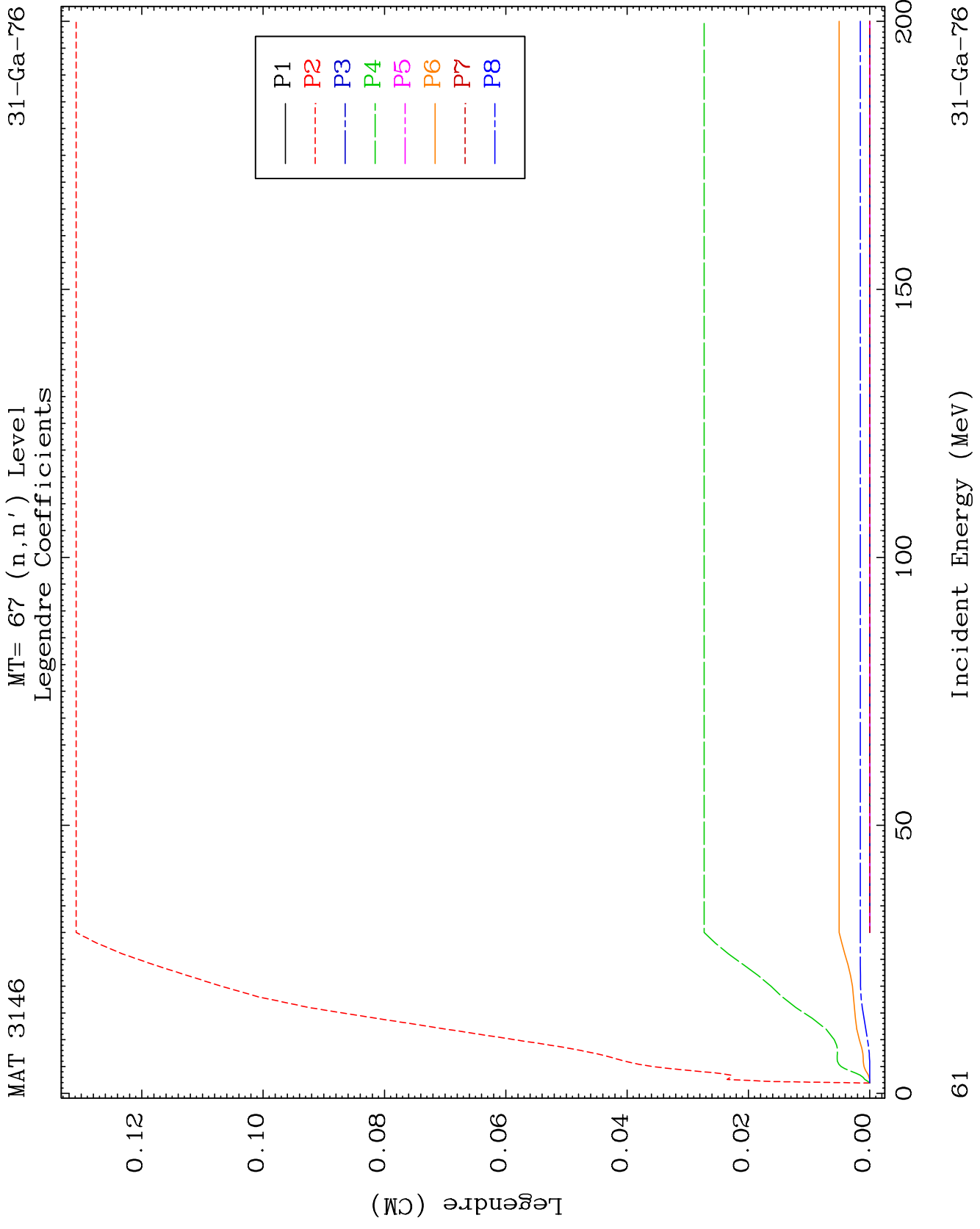
58

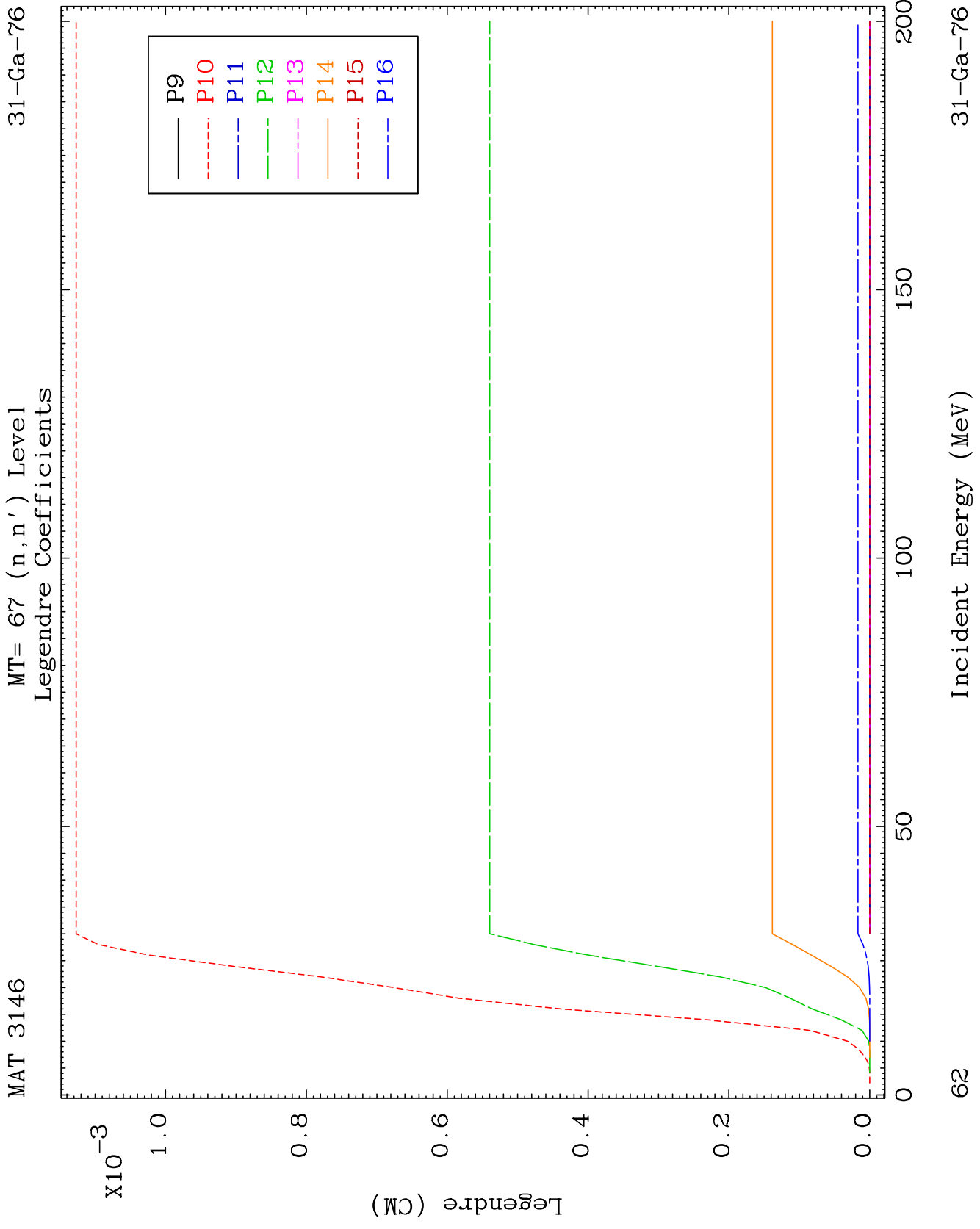
Incident Energy (MeV)

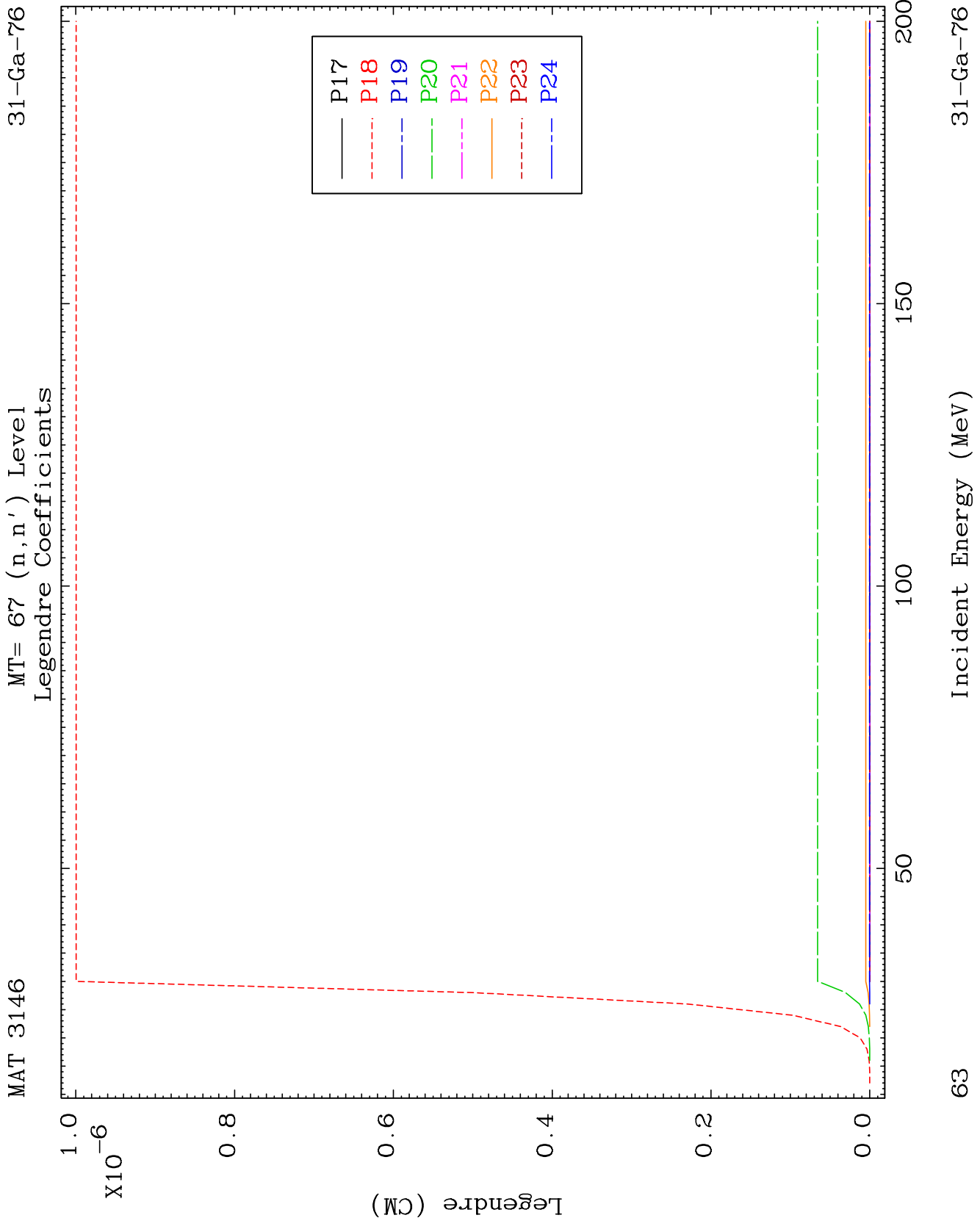
31-Ga-76

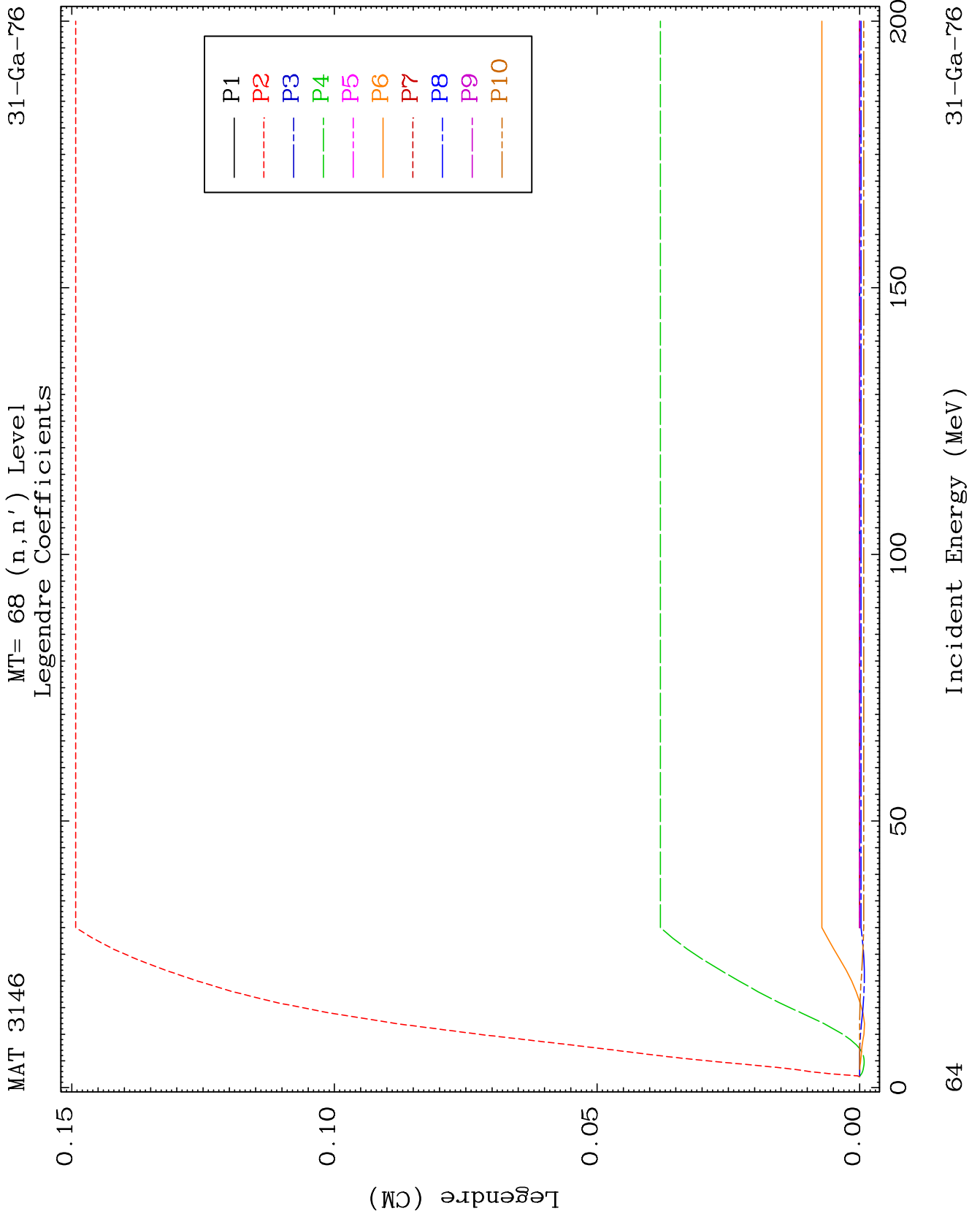


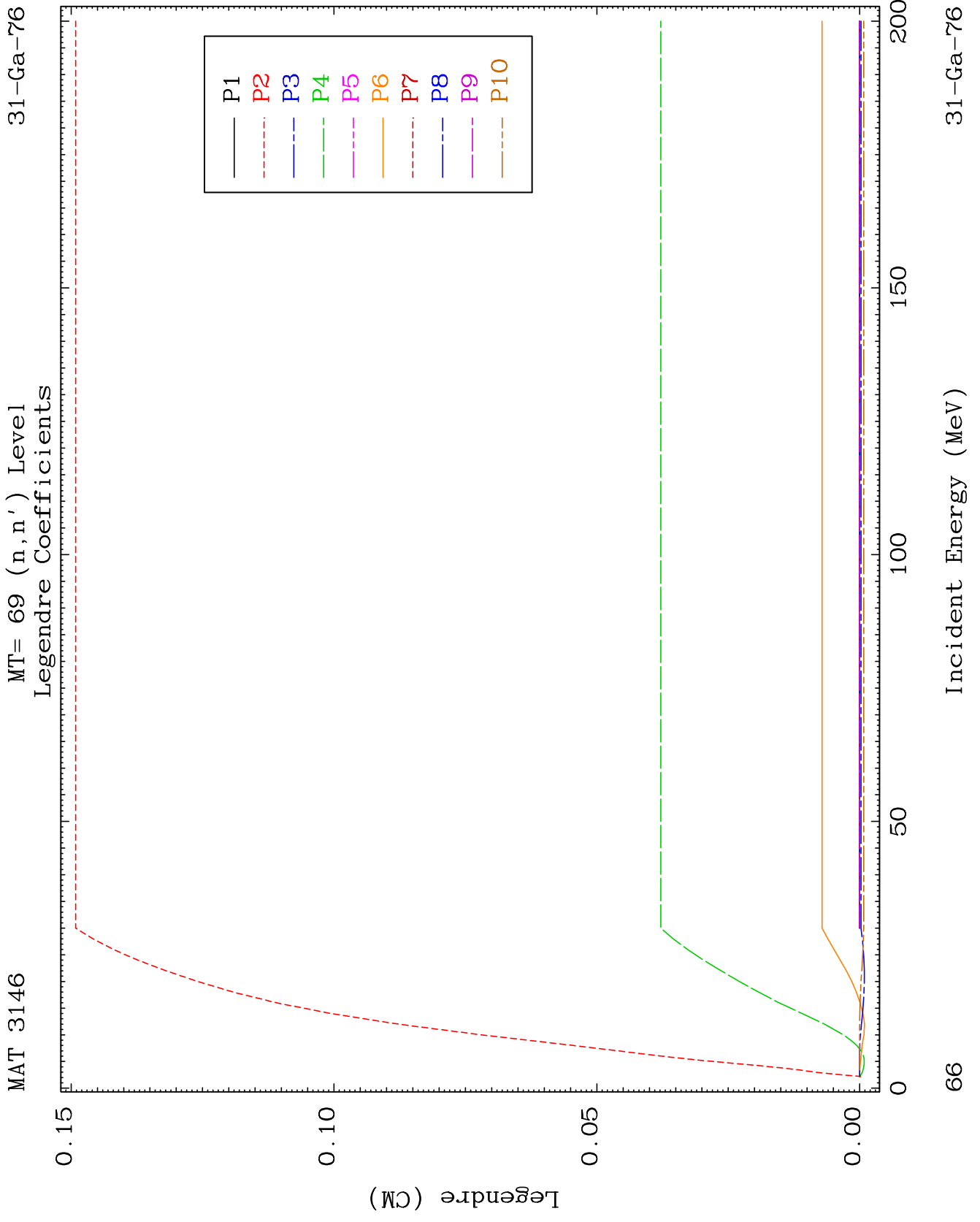


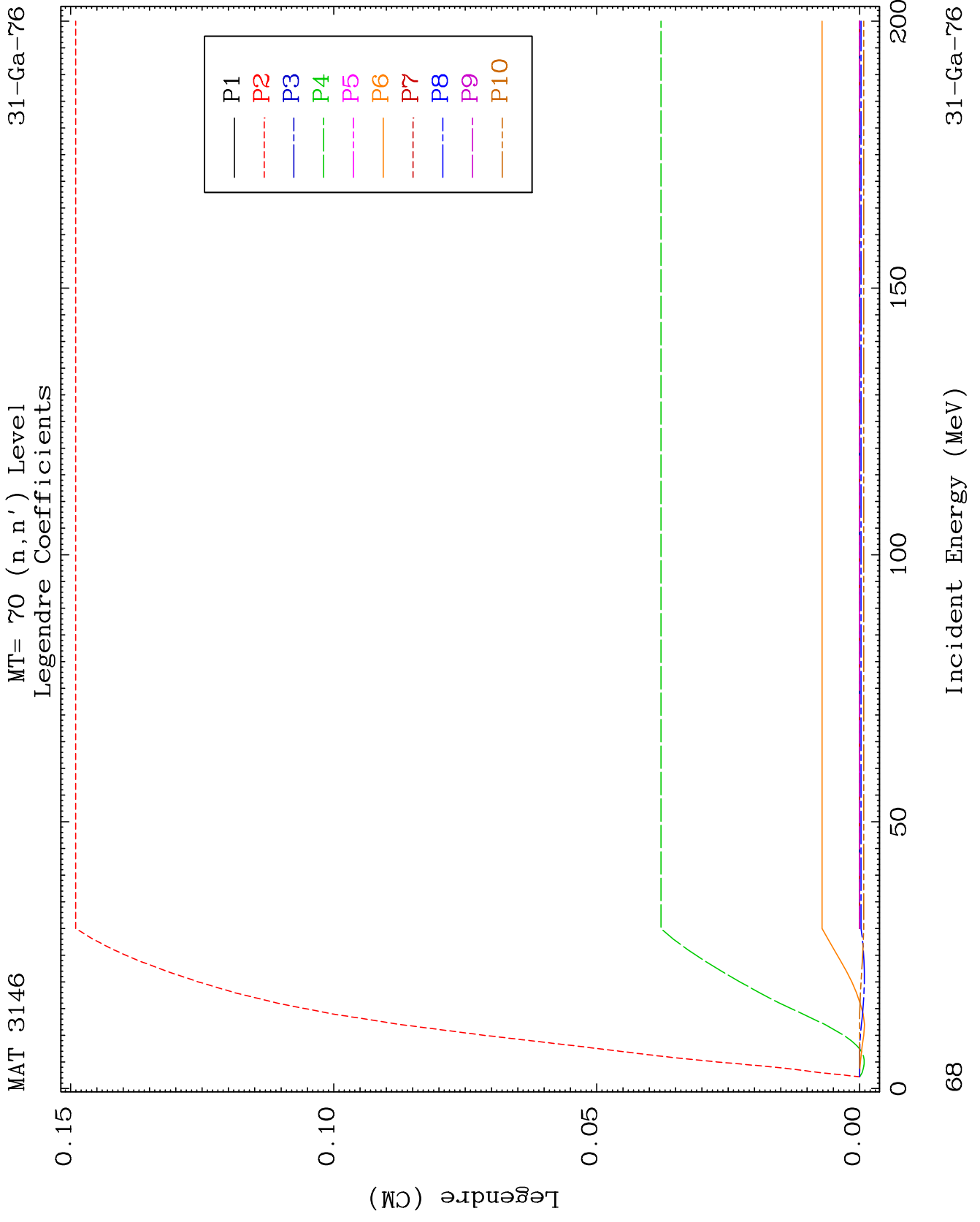








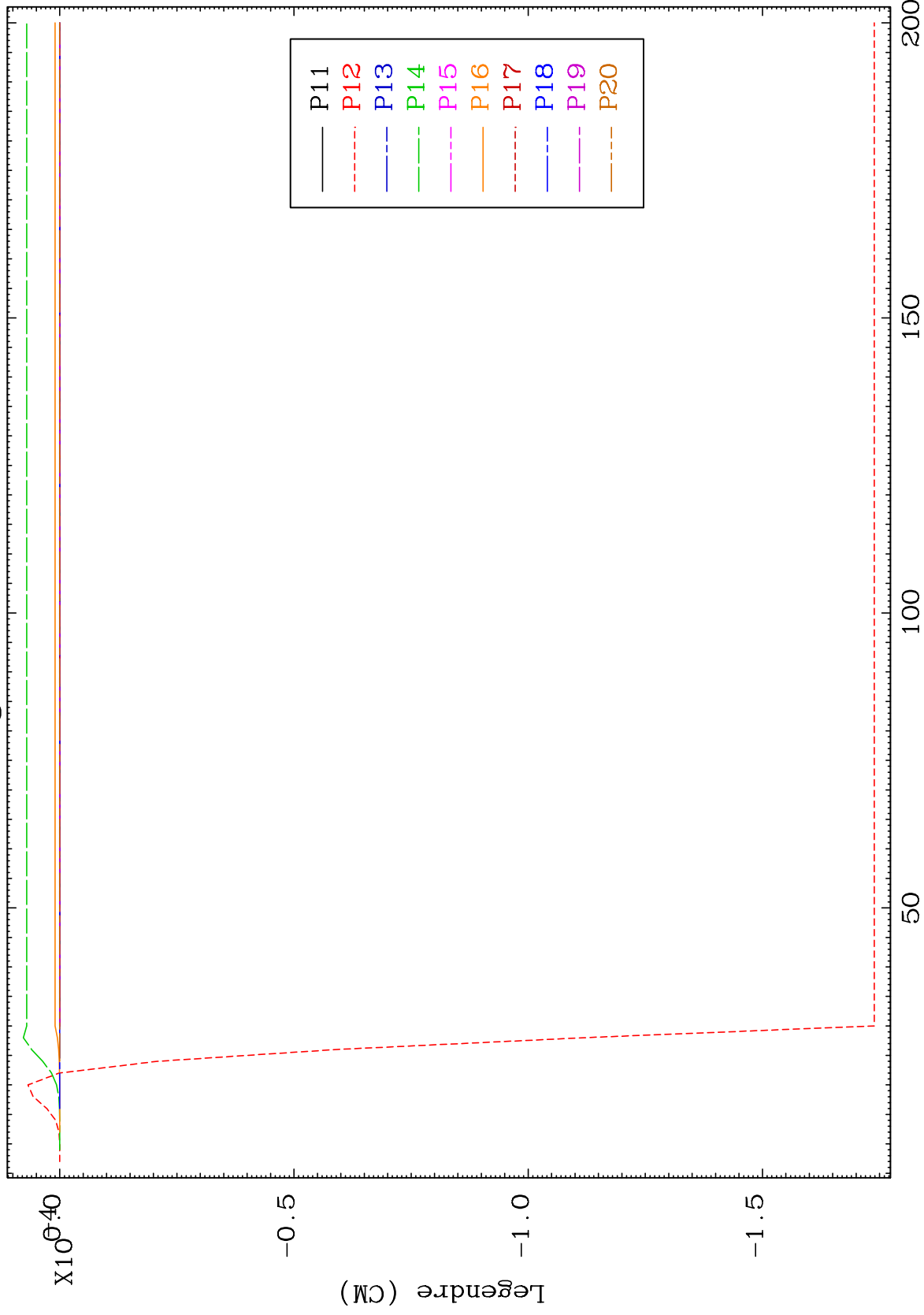




MAT 3146

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

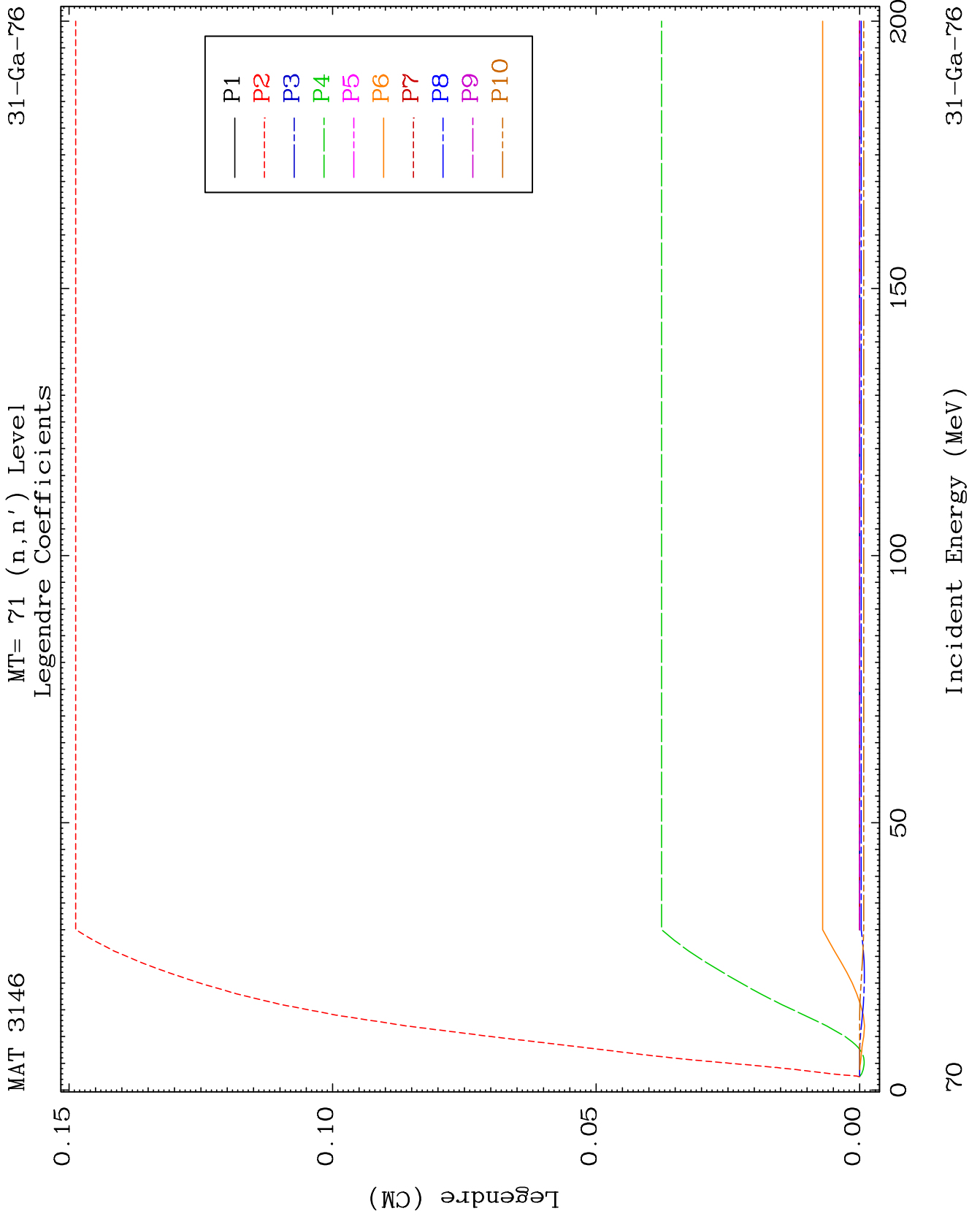
31-Ga-76



69

Incident Energy (MeV)

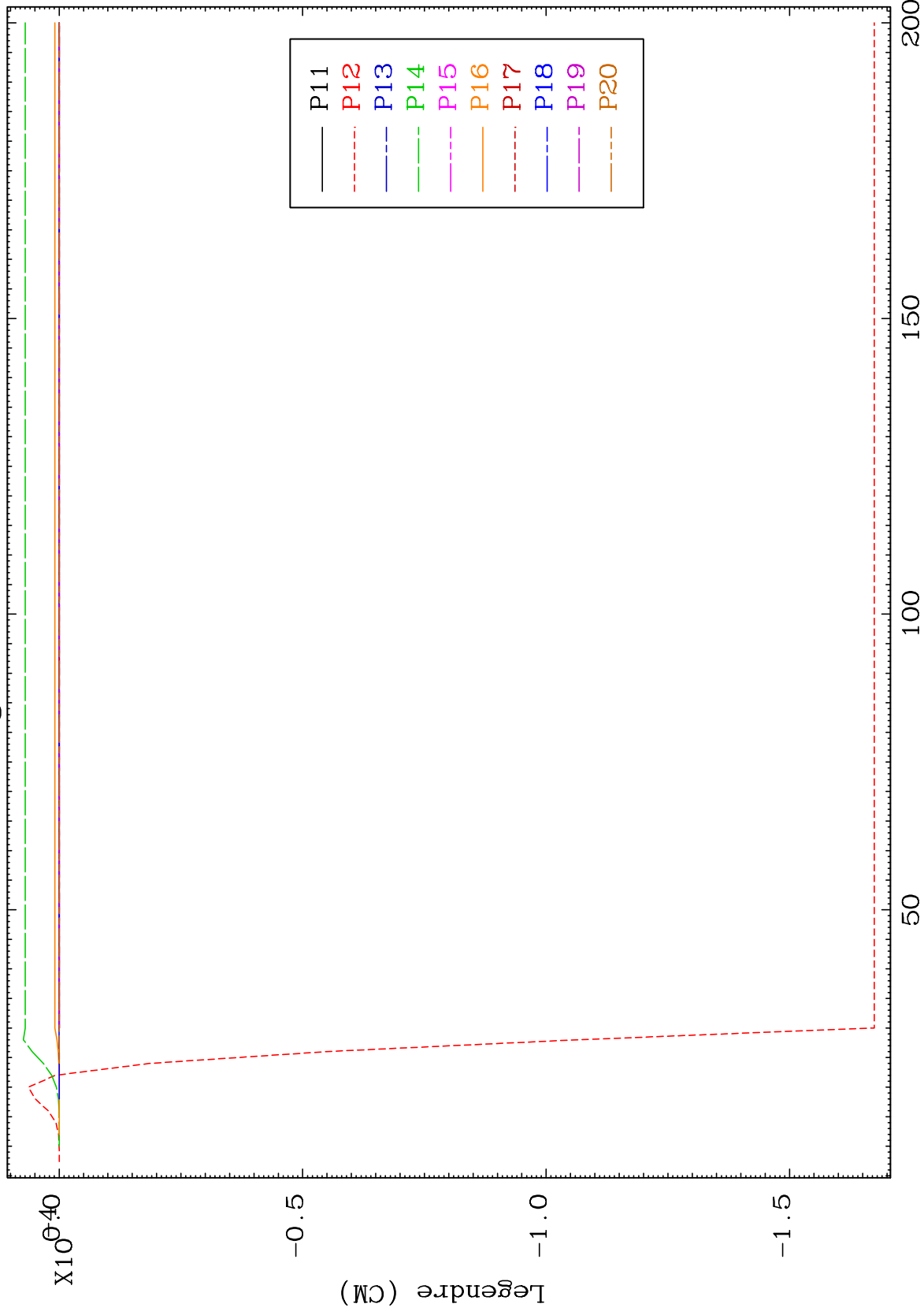
31-Ga-76



MAT 3146

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

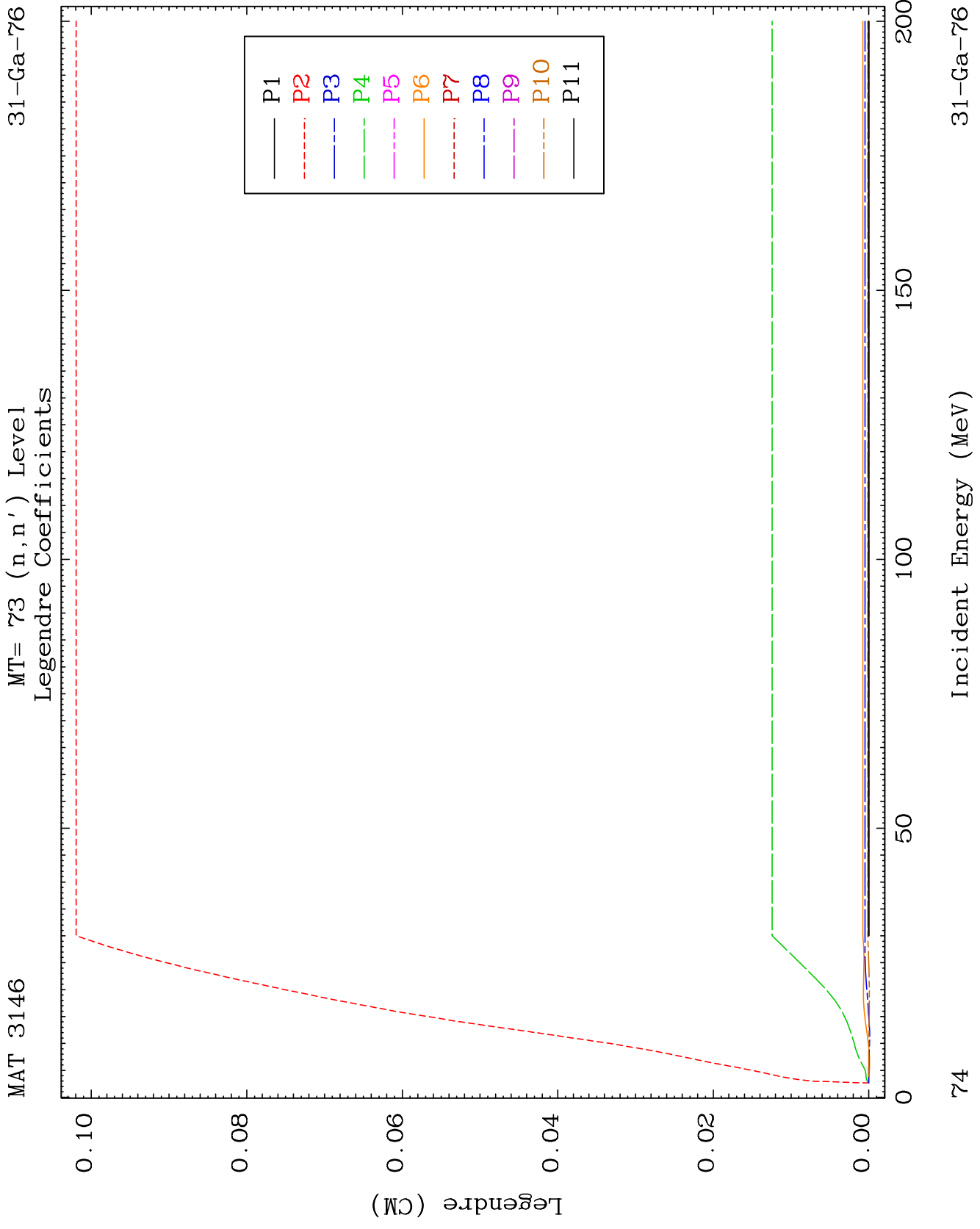
31-Ga-76



73

Incident Energy (MeV)

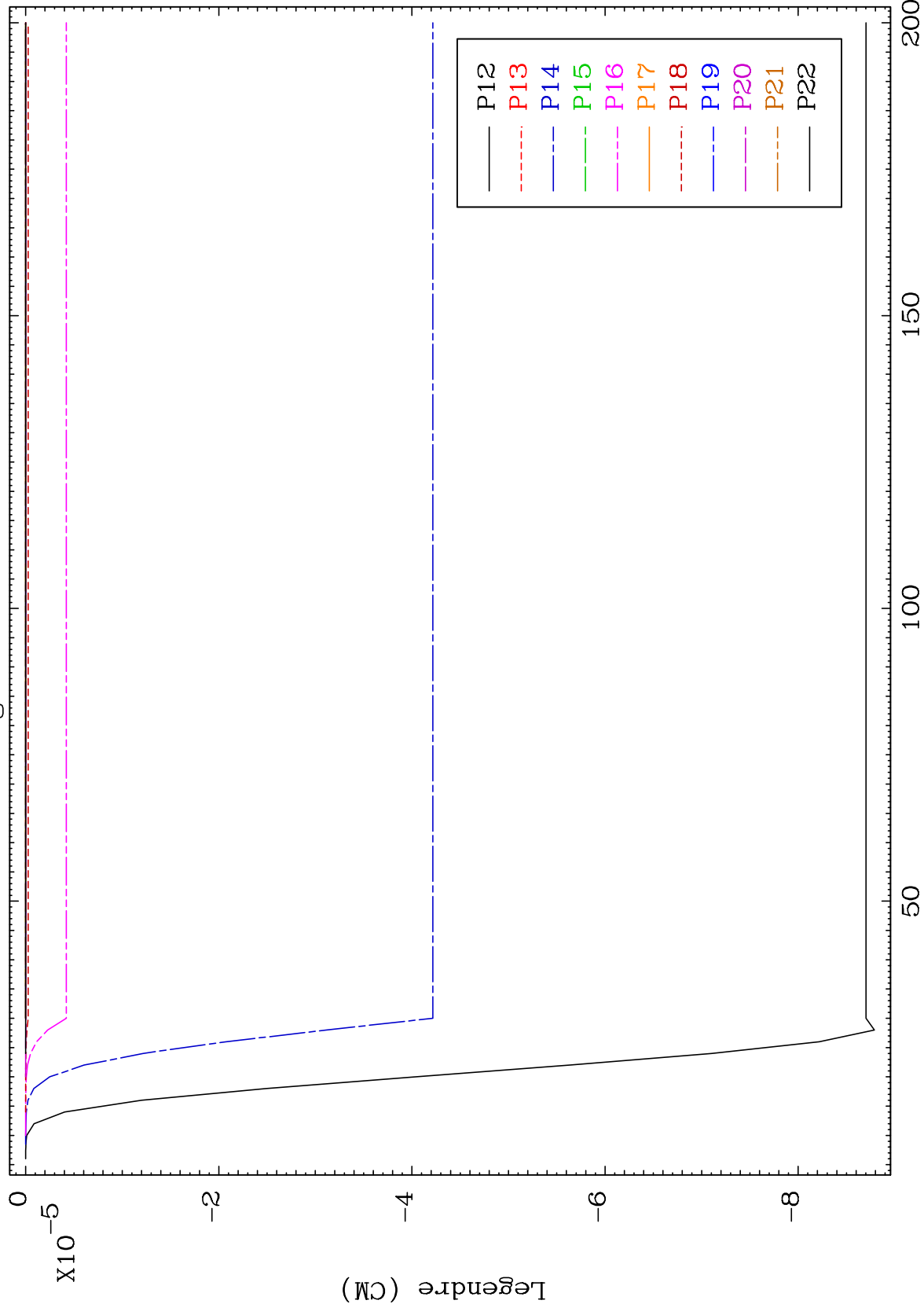
31-Ga-76



MAT 3146

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

31-Ga-76



31-Ga-76

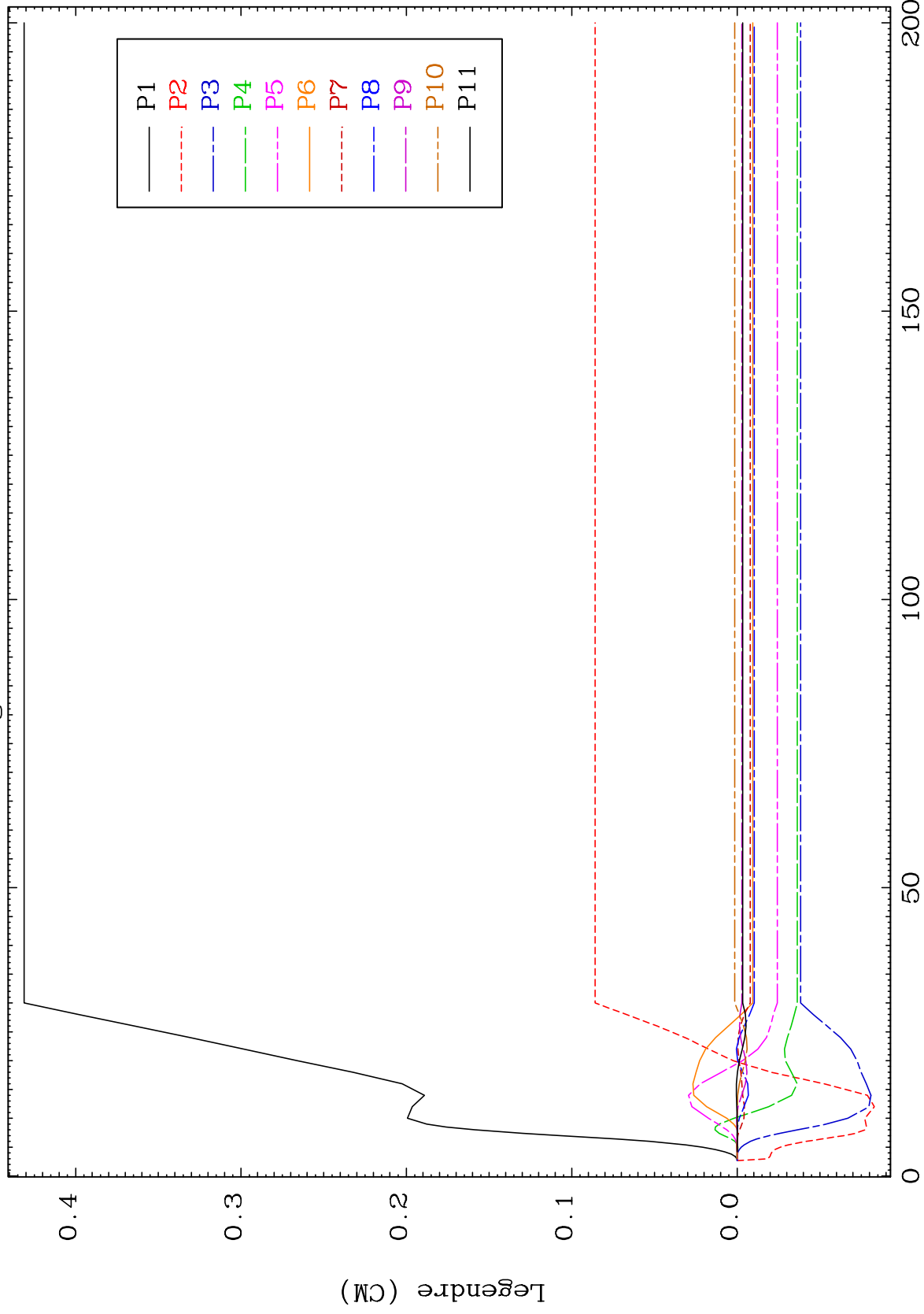
Incident Energy (MeV)

75

MAT 3146

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

31-Ga-76



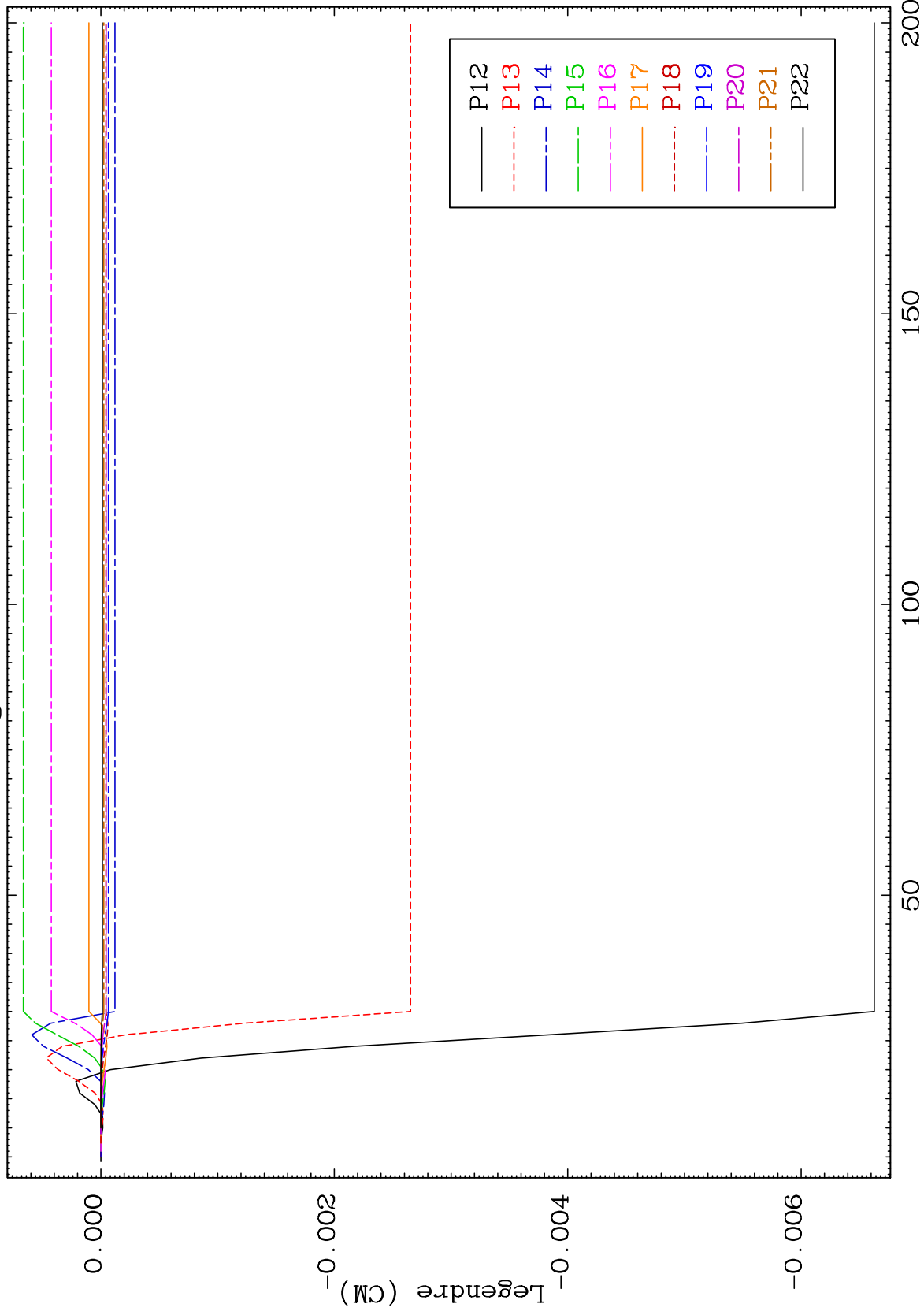
76

31-Ga-76

MAT 3146

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

31-Ga-76



77

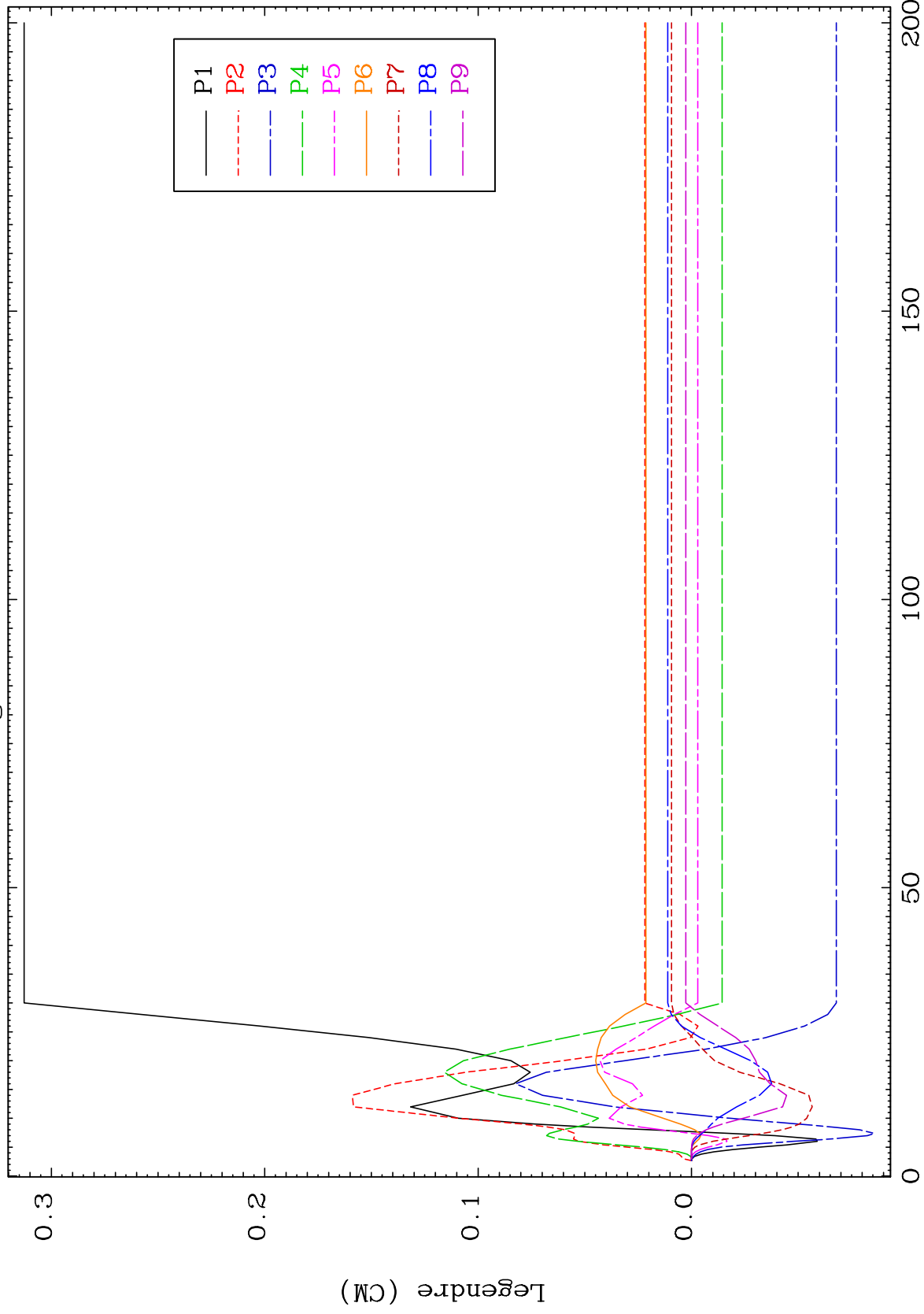
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



79

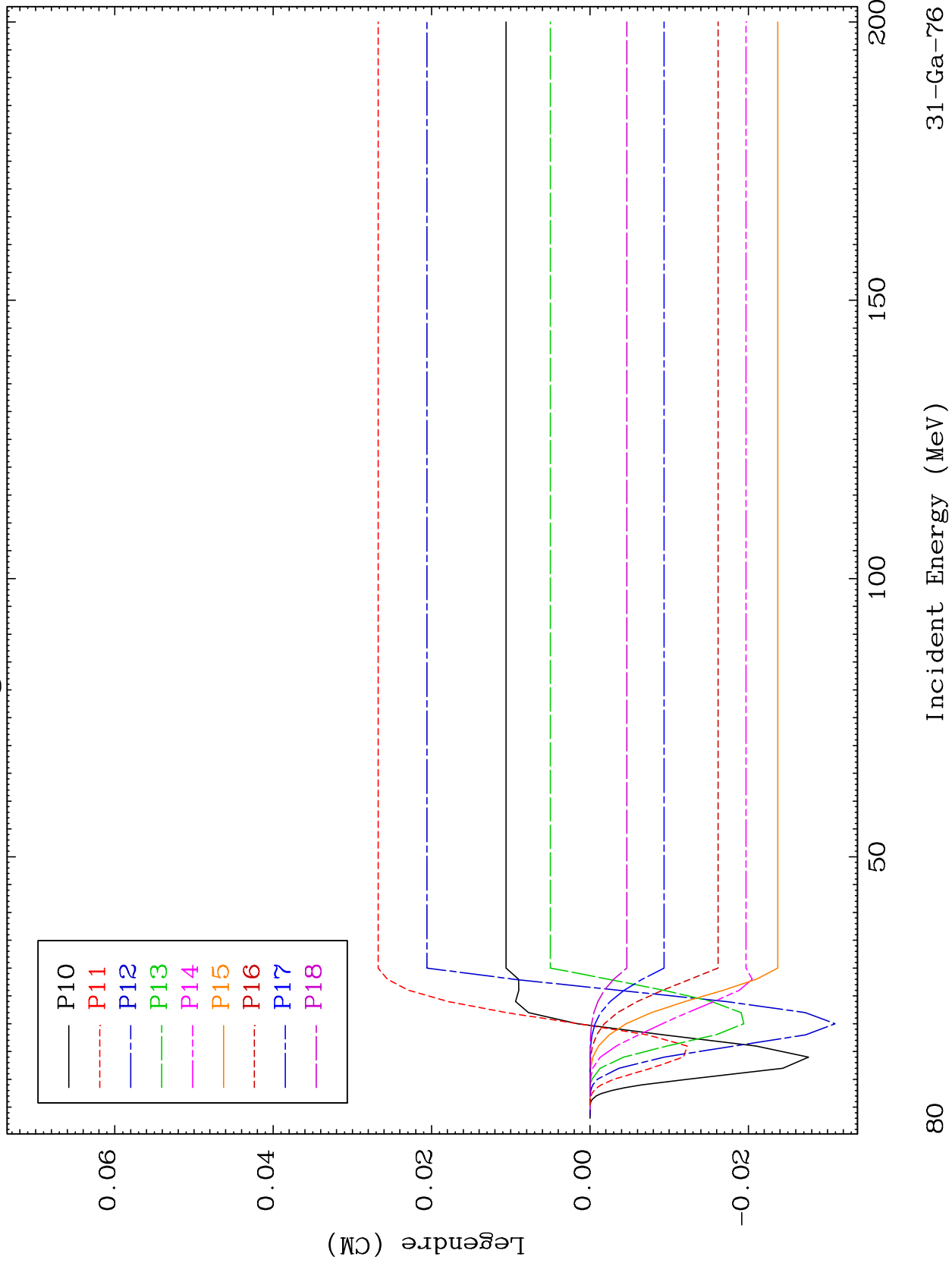
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

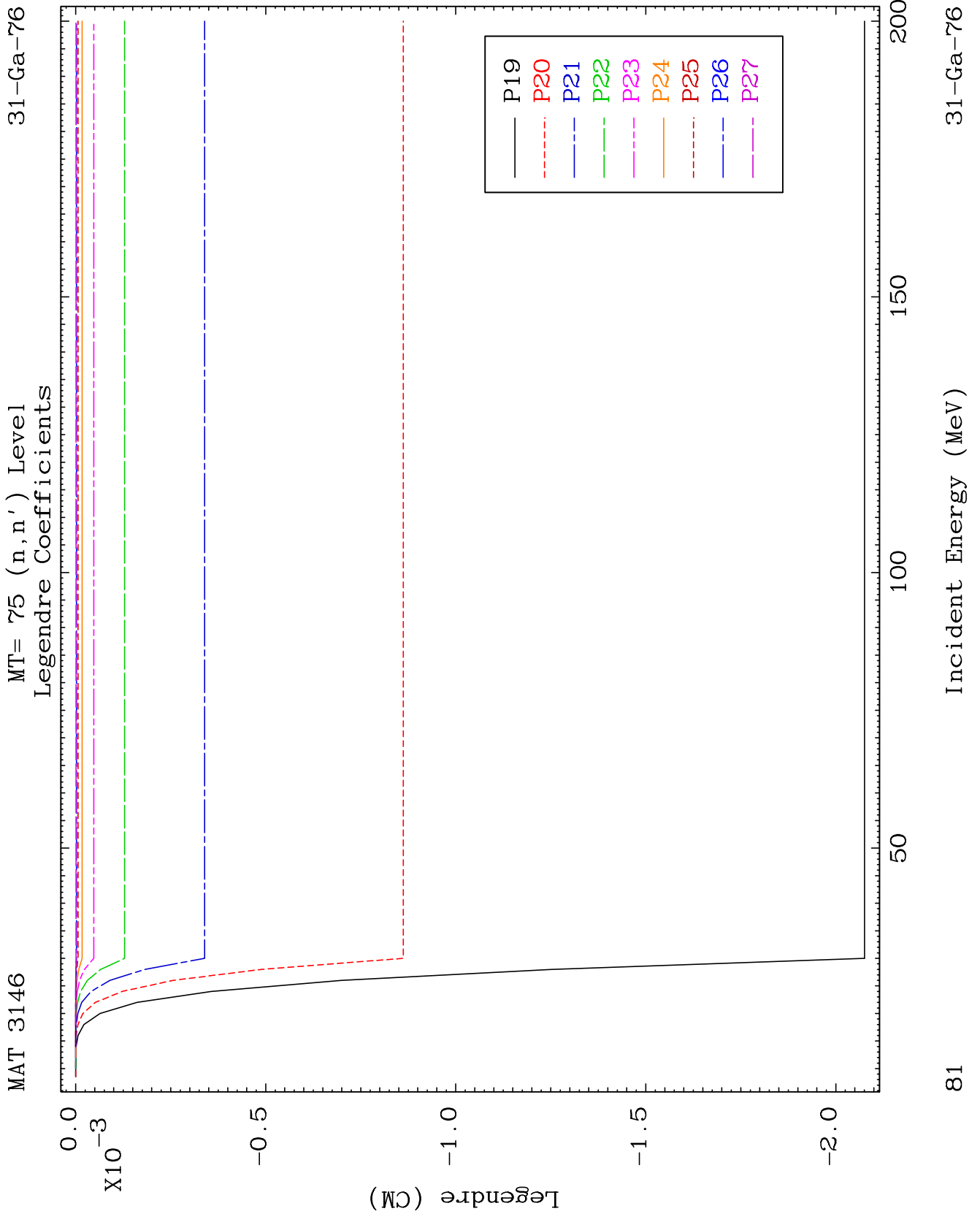
31-Ga-76

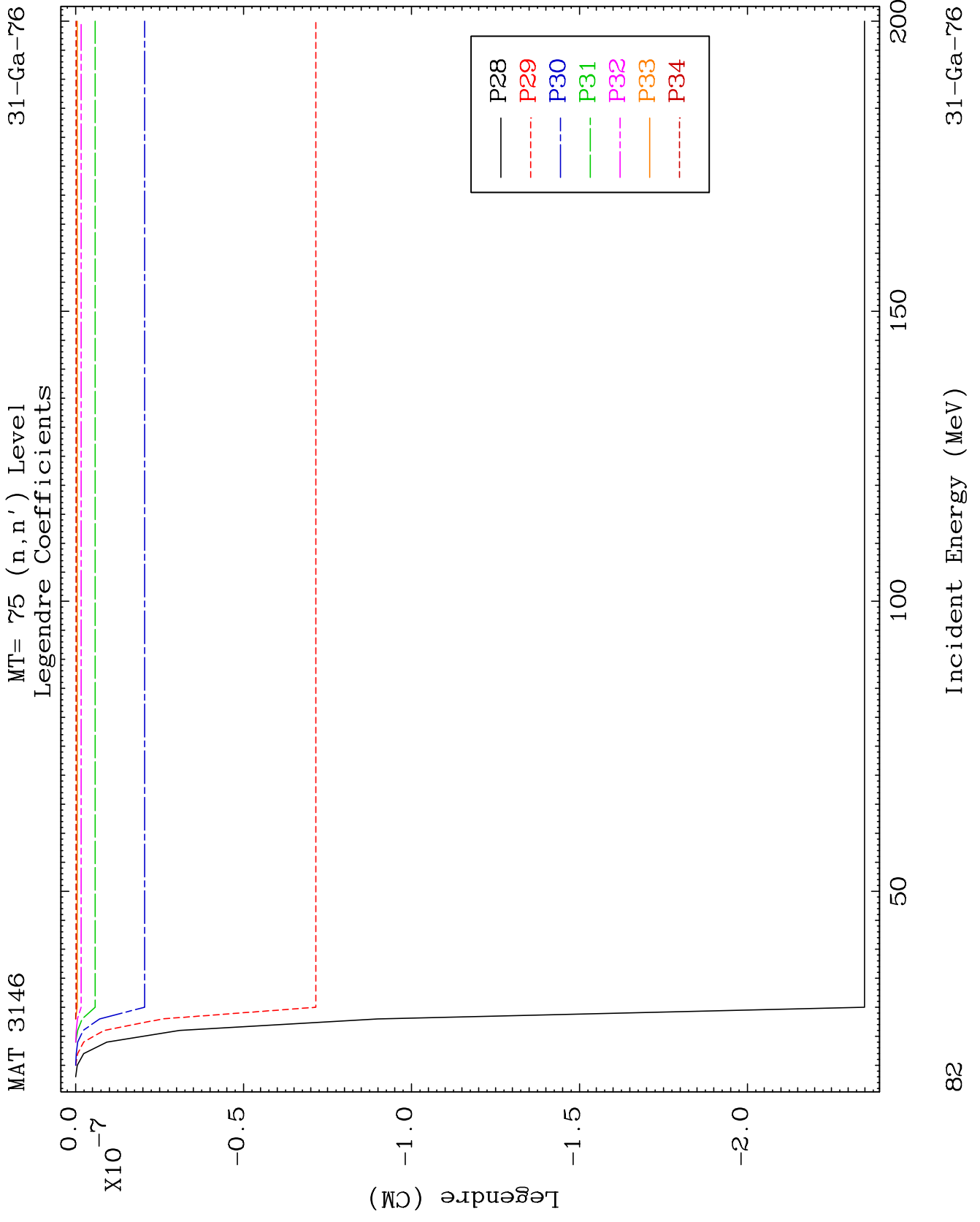


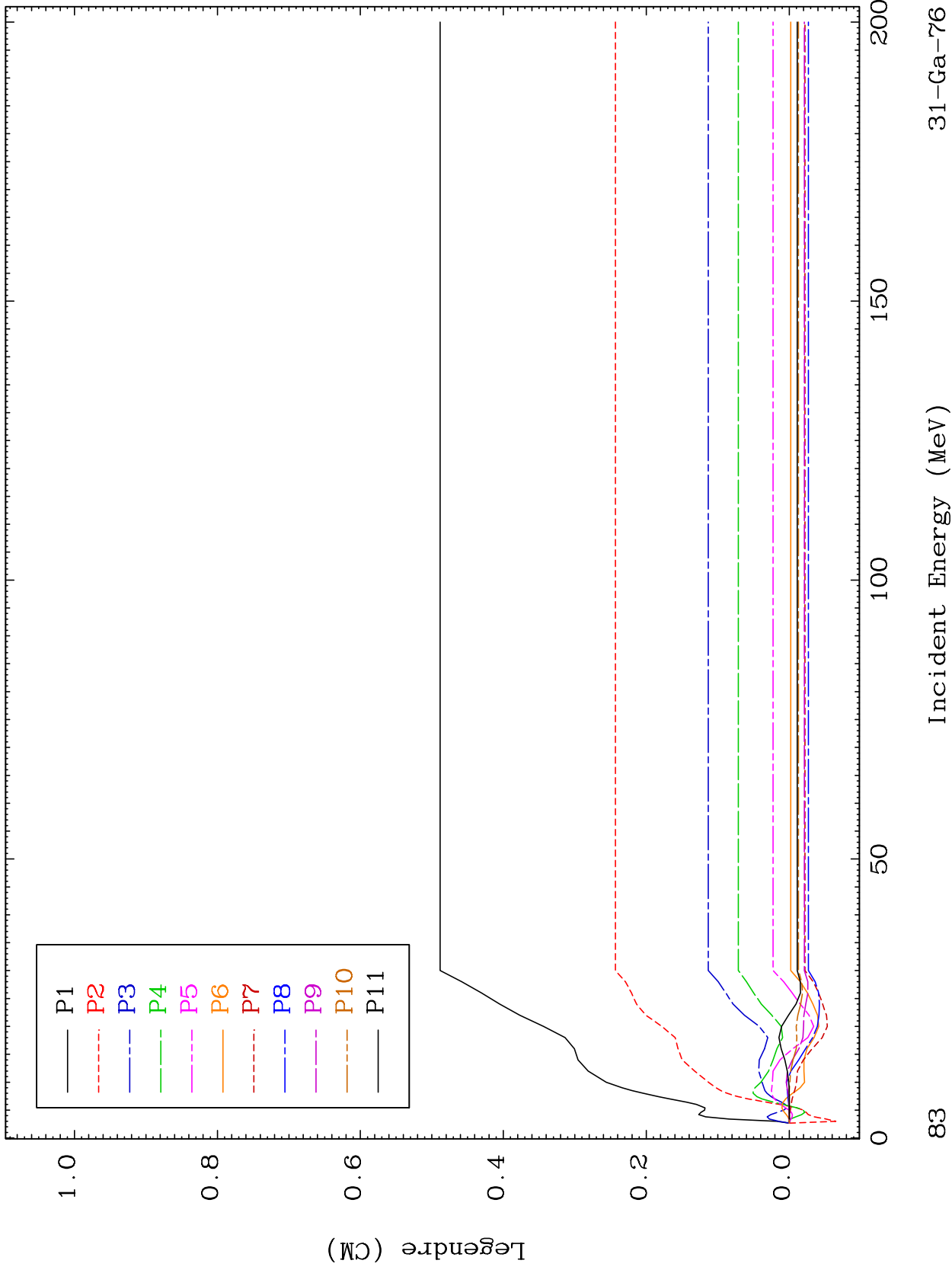
31-Ga-76

Incident Energy (MeV)

80



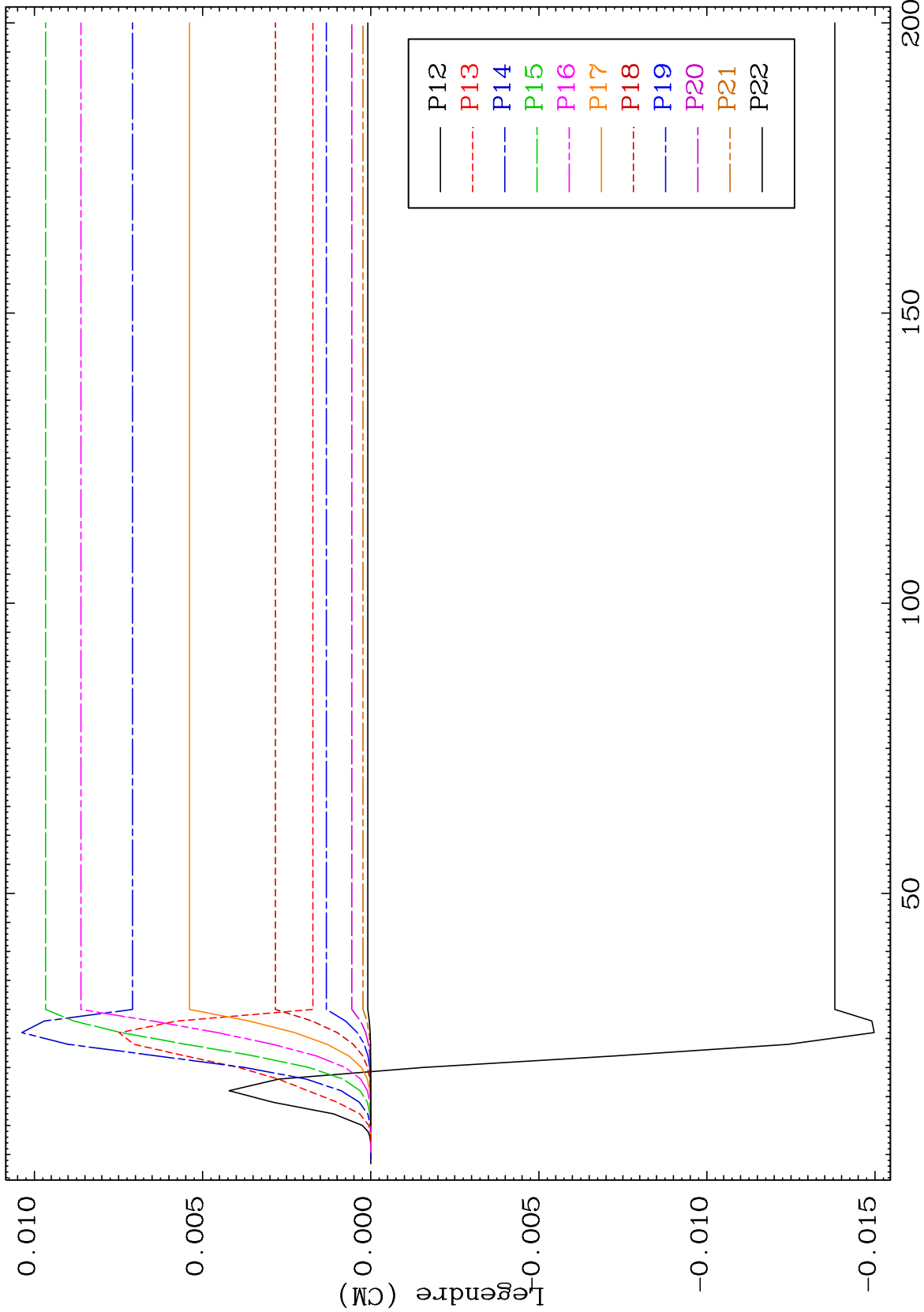




MAT 3146

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

31-Ga-76



84

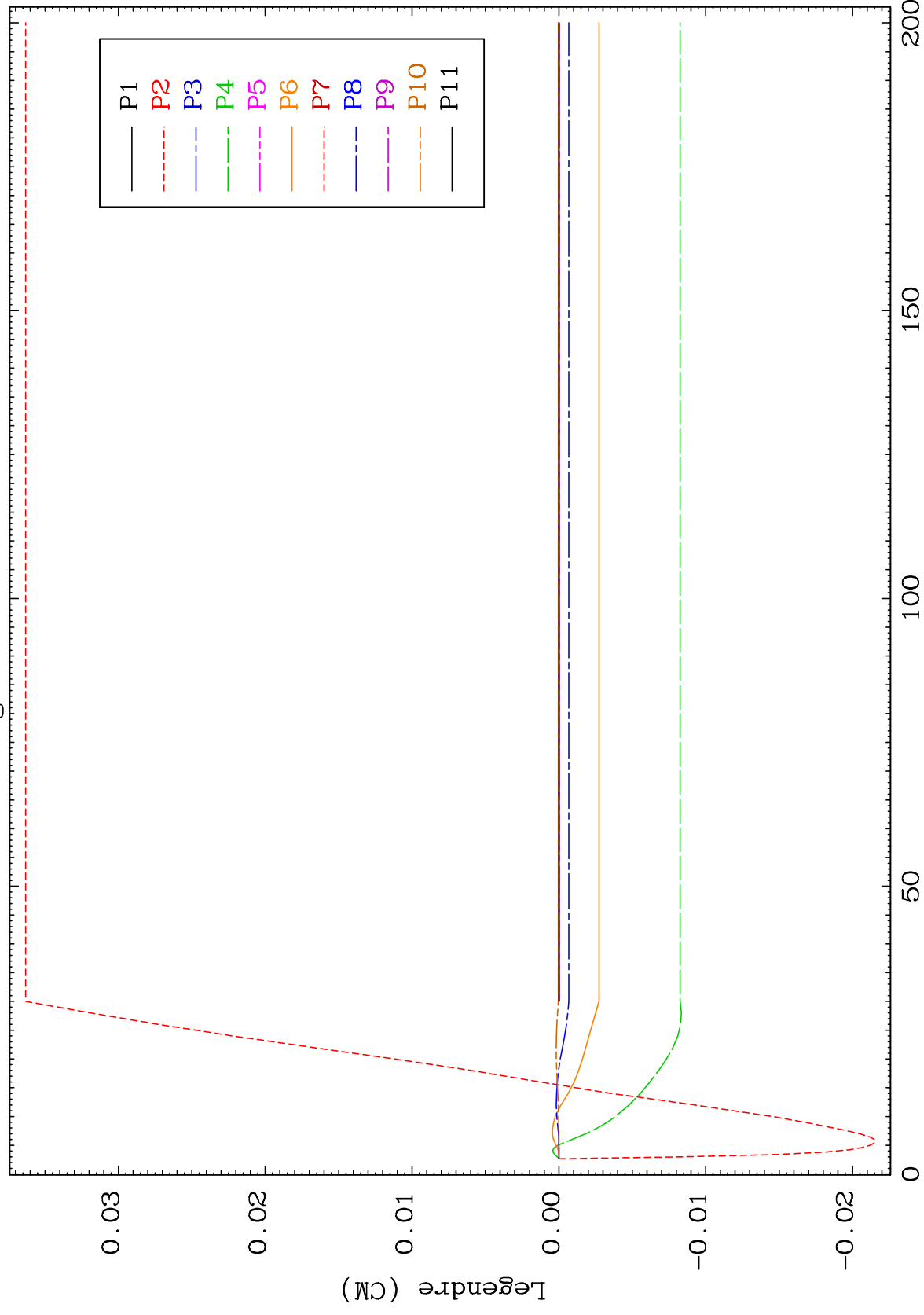
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



86

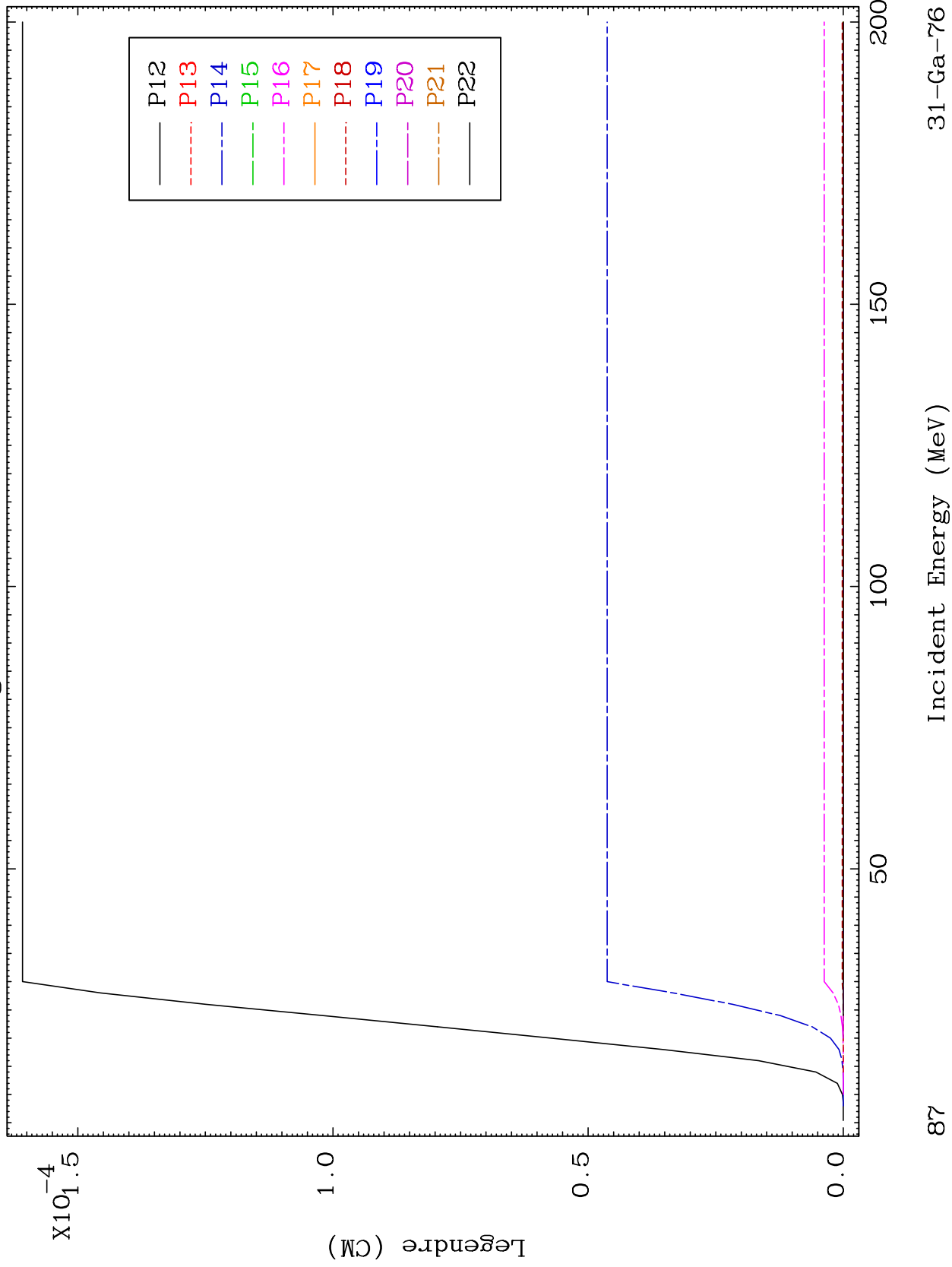
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

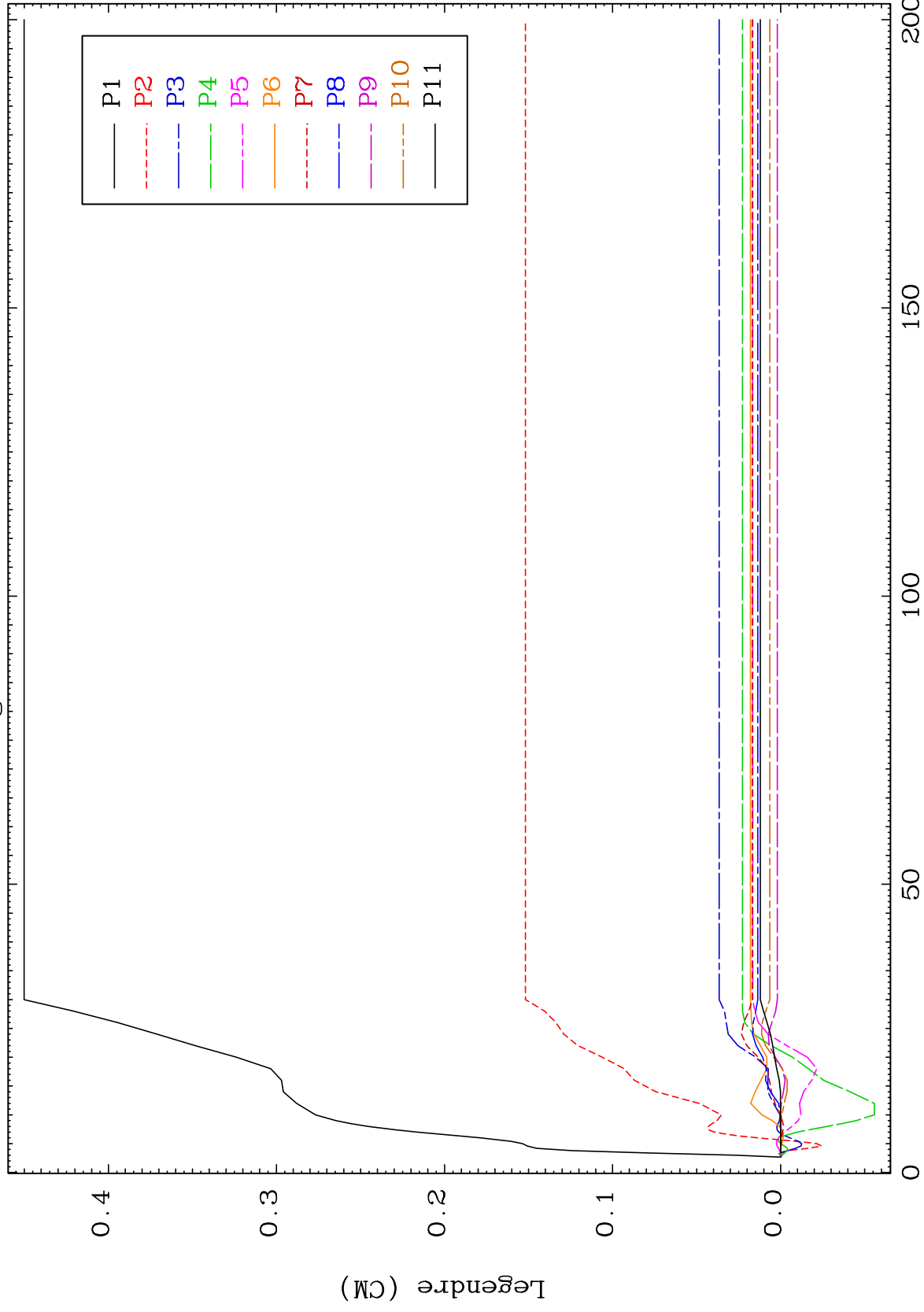
31-Ga-76



MAT 3146

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

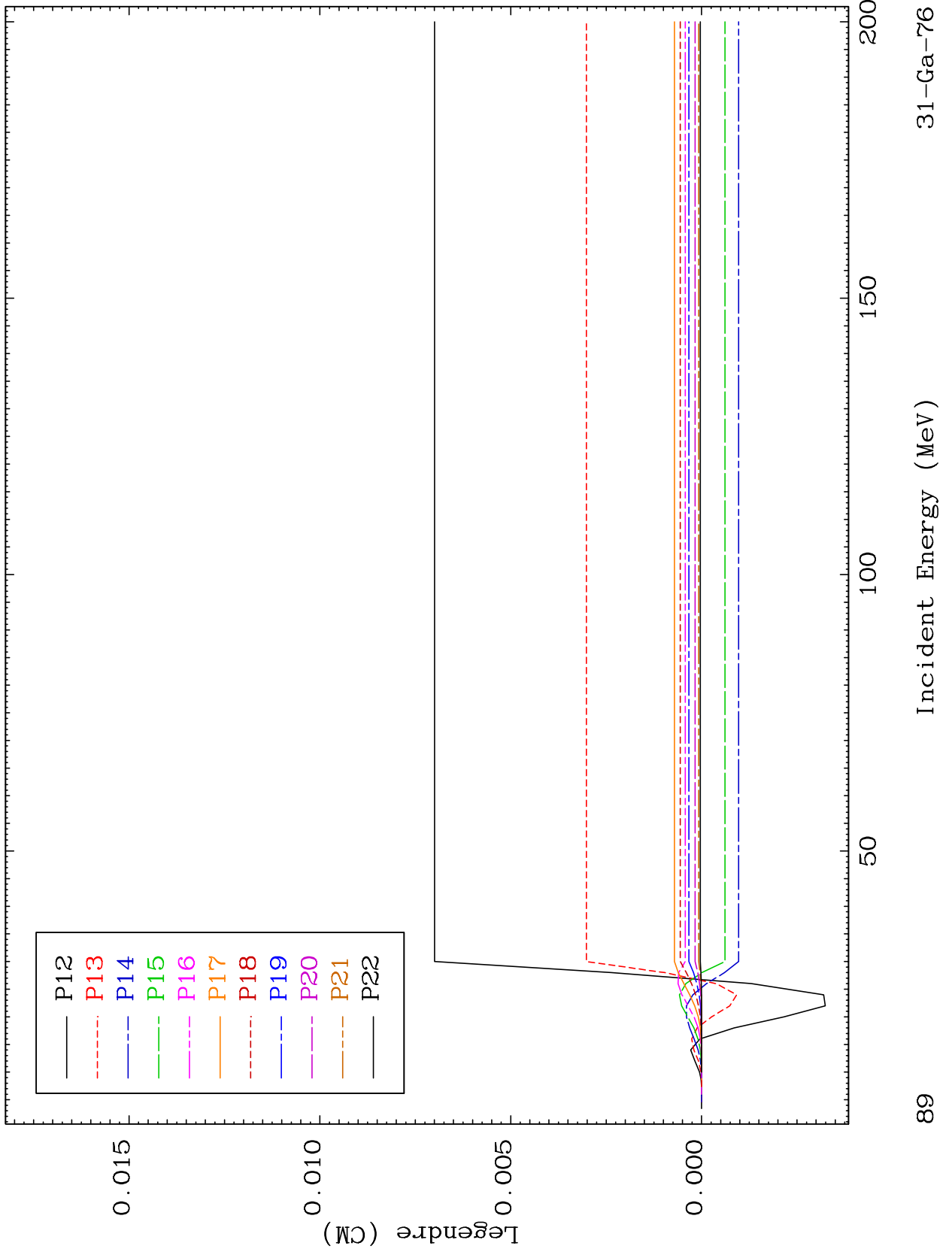
31-Ga-76



88

Incident Energy (MeV)

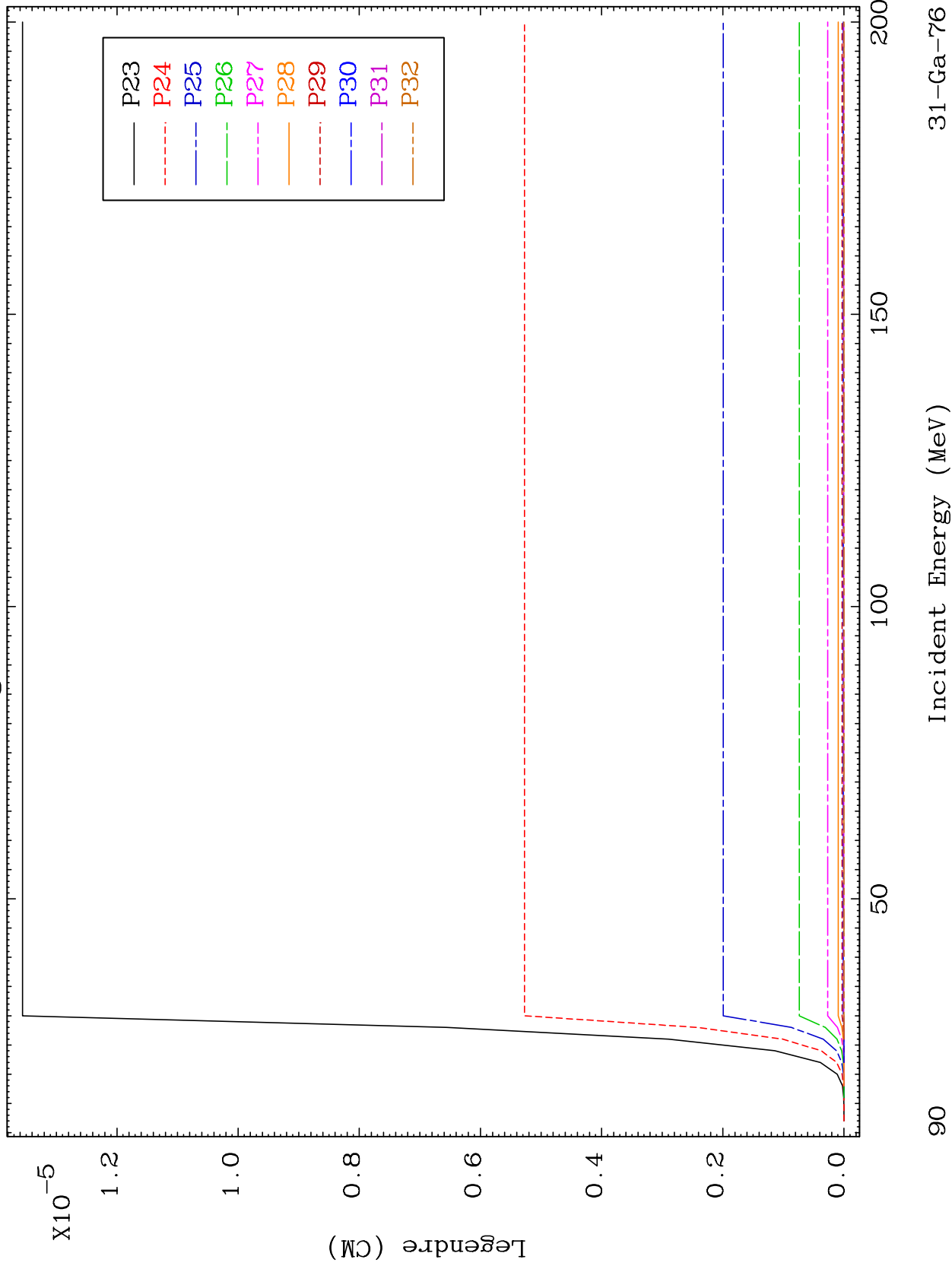
31-Ga-76



MAT 3146

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

31-Ga-76

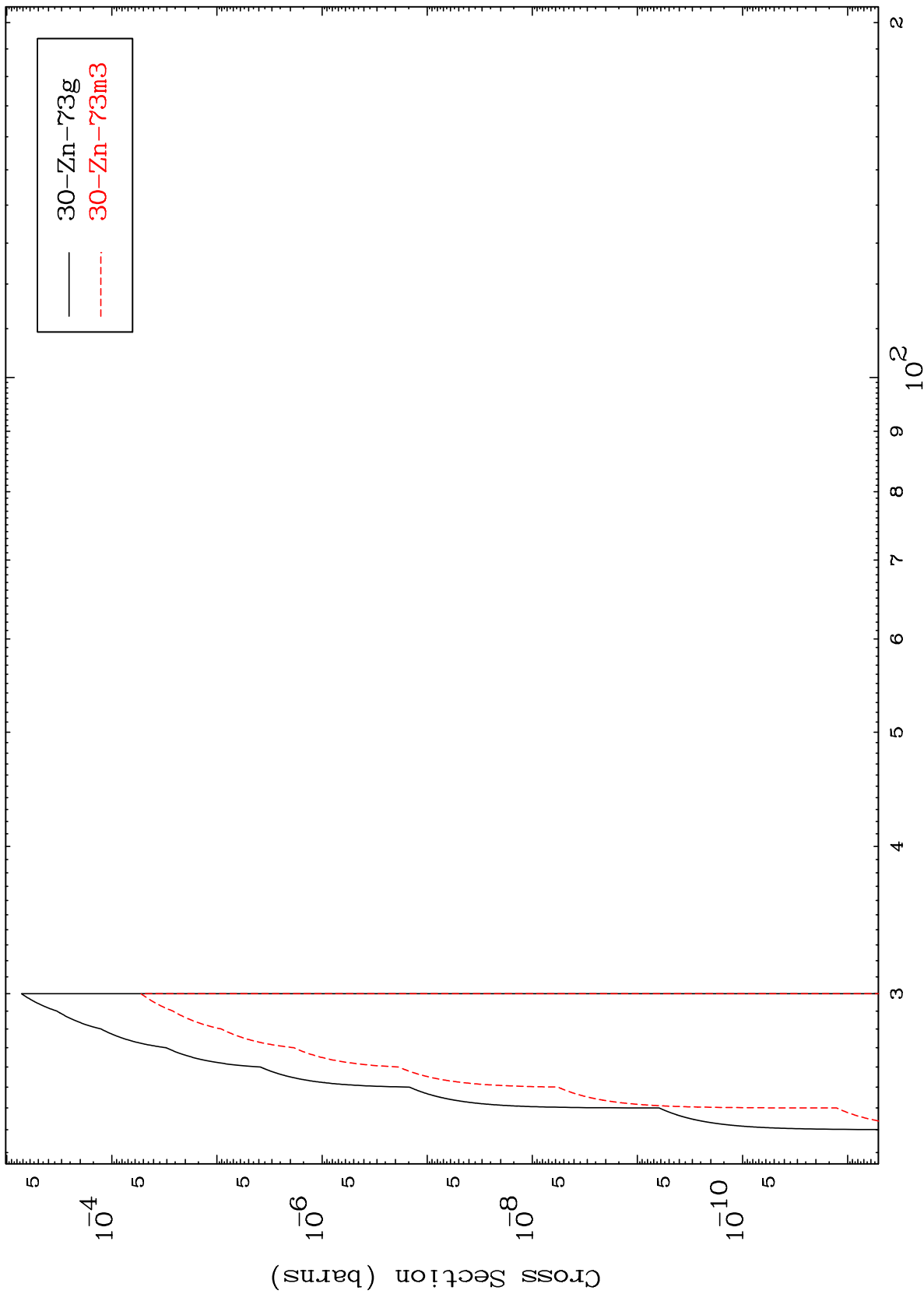


MAT 3146

(n,2n) d

31-Ga-76

Radionuclide Production Cross Section



91

Incident Energy (MeV)

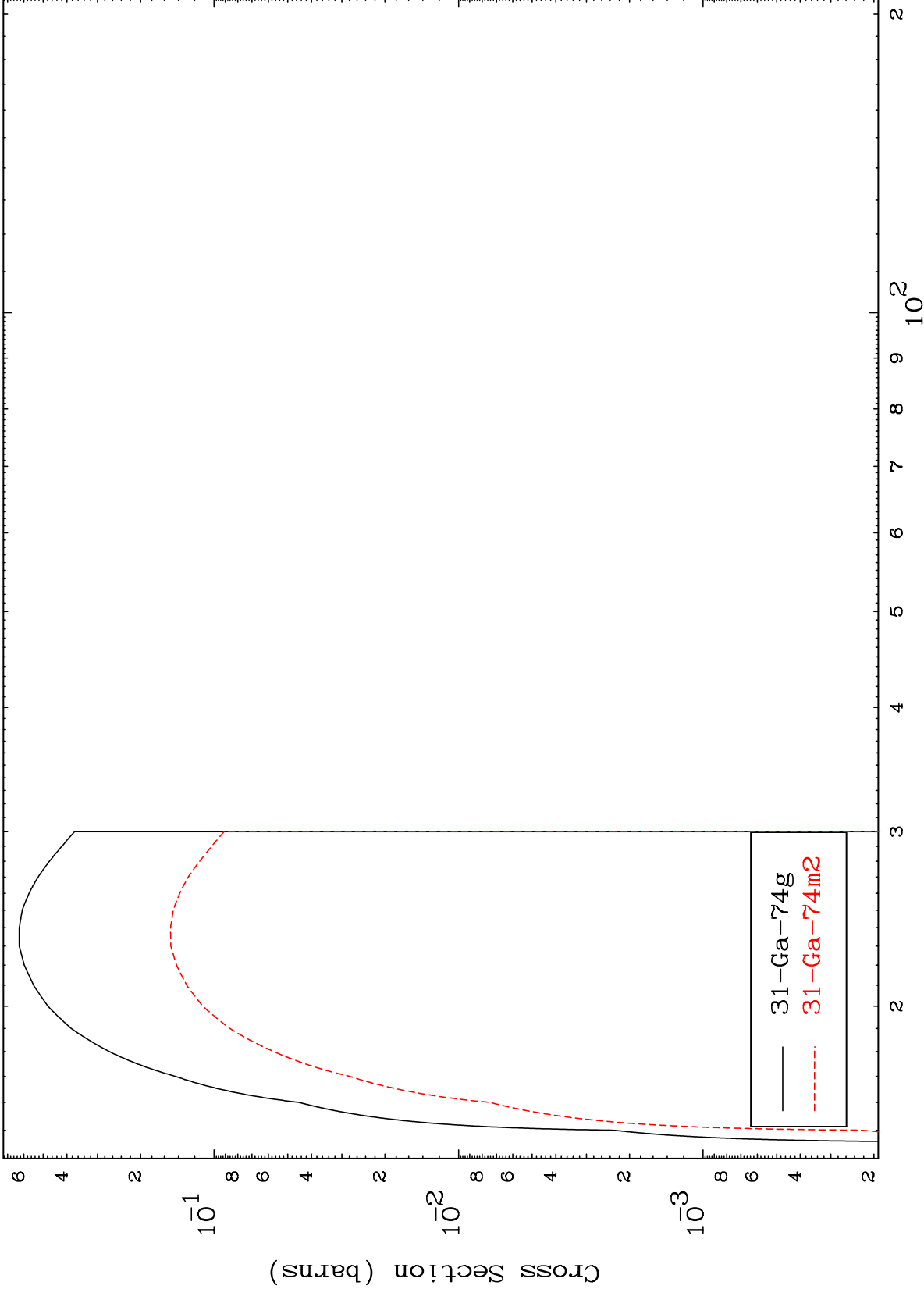
31-Ga-76

MAT 3146

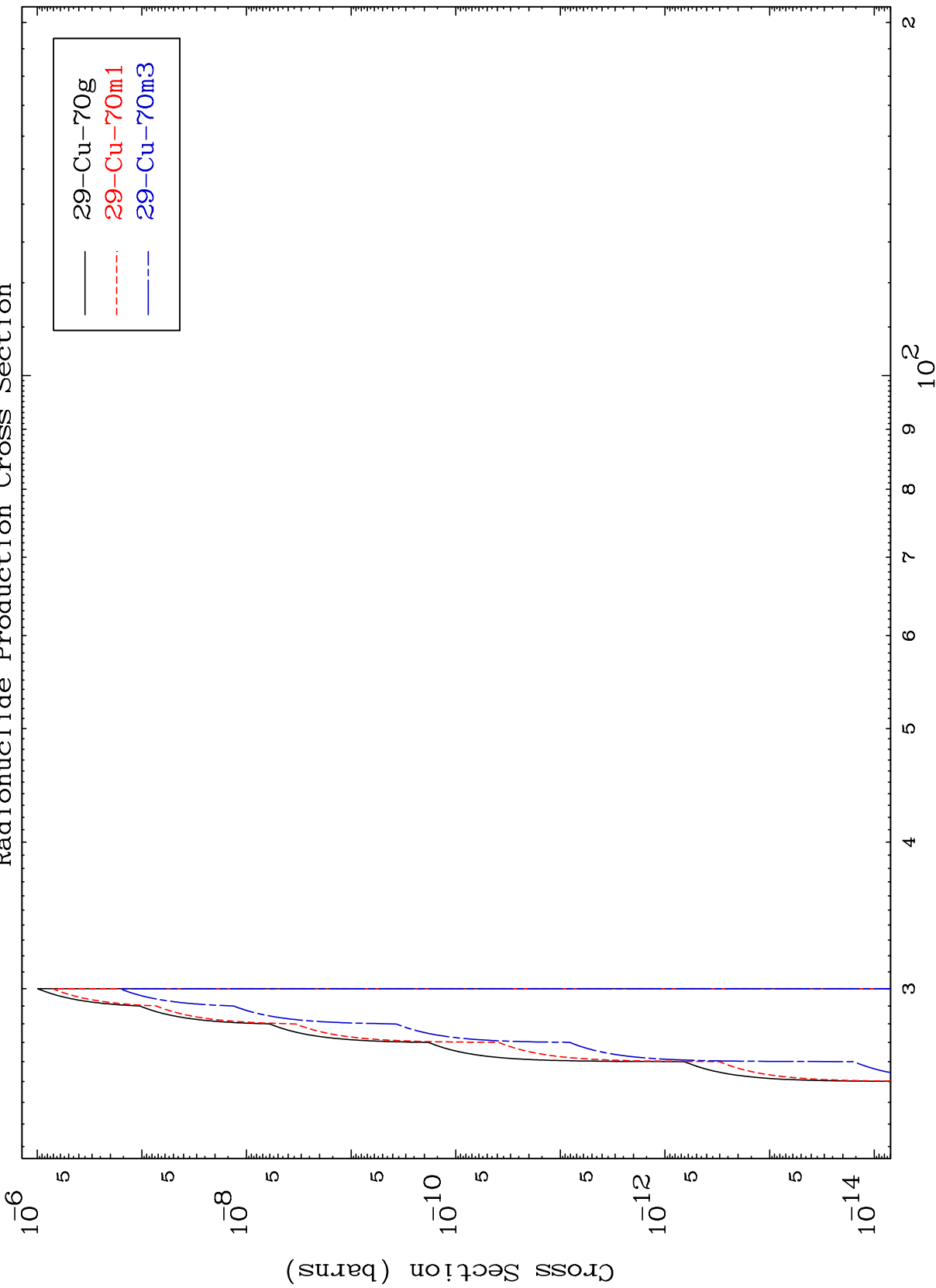
(n,3n)

31-Ga-76

Radionuclide Production Cross Section



Radionuclide Production Cross Section

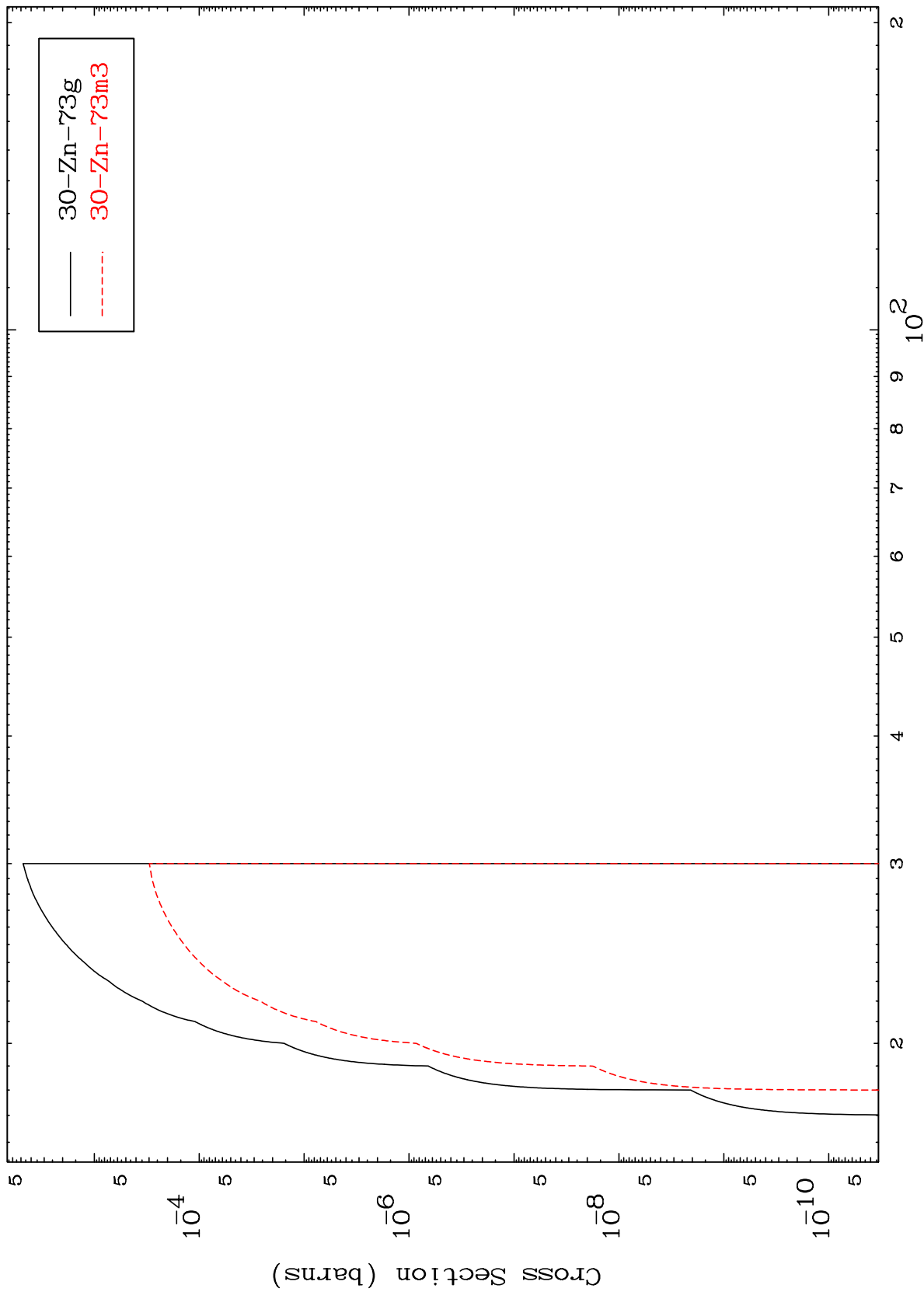


MAT 3146

(n,n') t

31-Ga-76

Radionuclide Production Cross Section



94

Incident Energy (MeV)

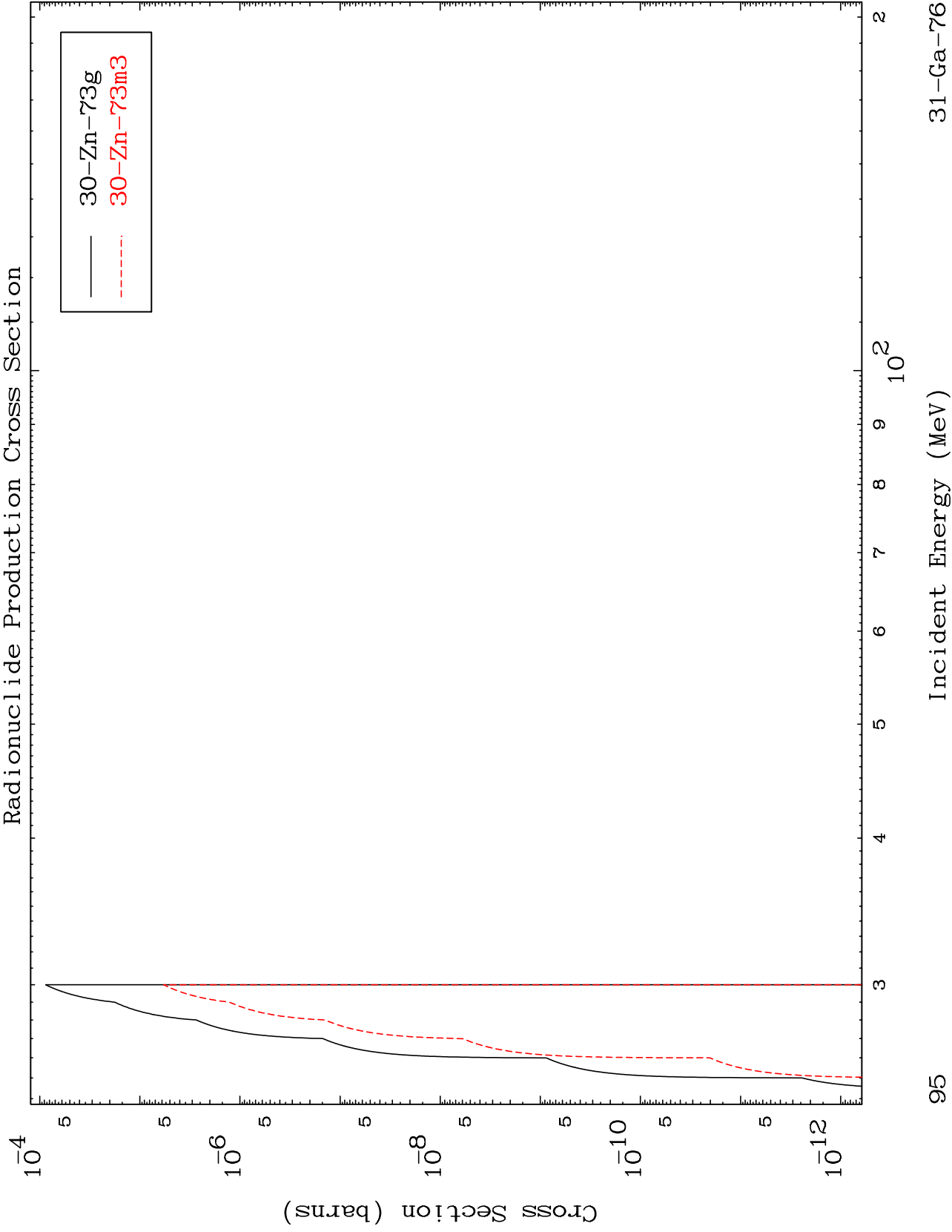
31-Ga-76

MAT 3146

(n,3n) p

31-Ga-76

Radionuclide Production Cross Section



95

31-Ga-76