

Program EVALPLOT
(Version 2018-1)

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

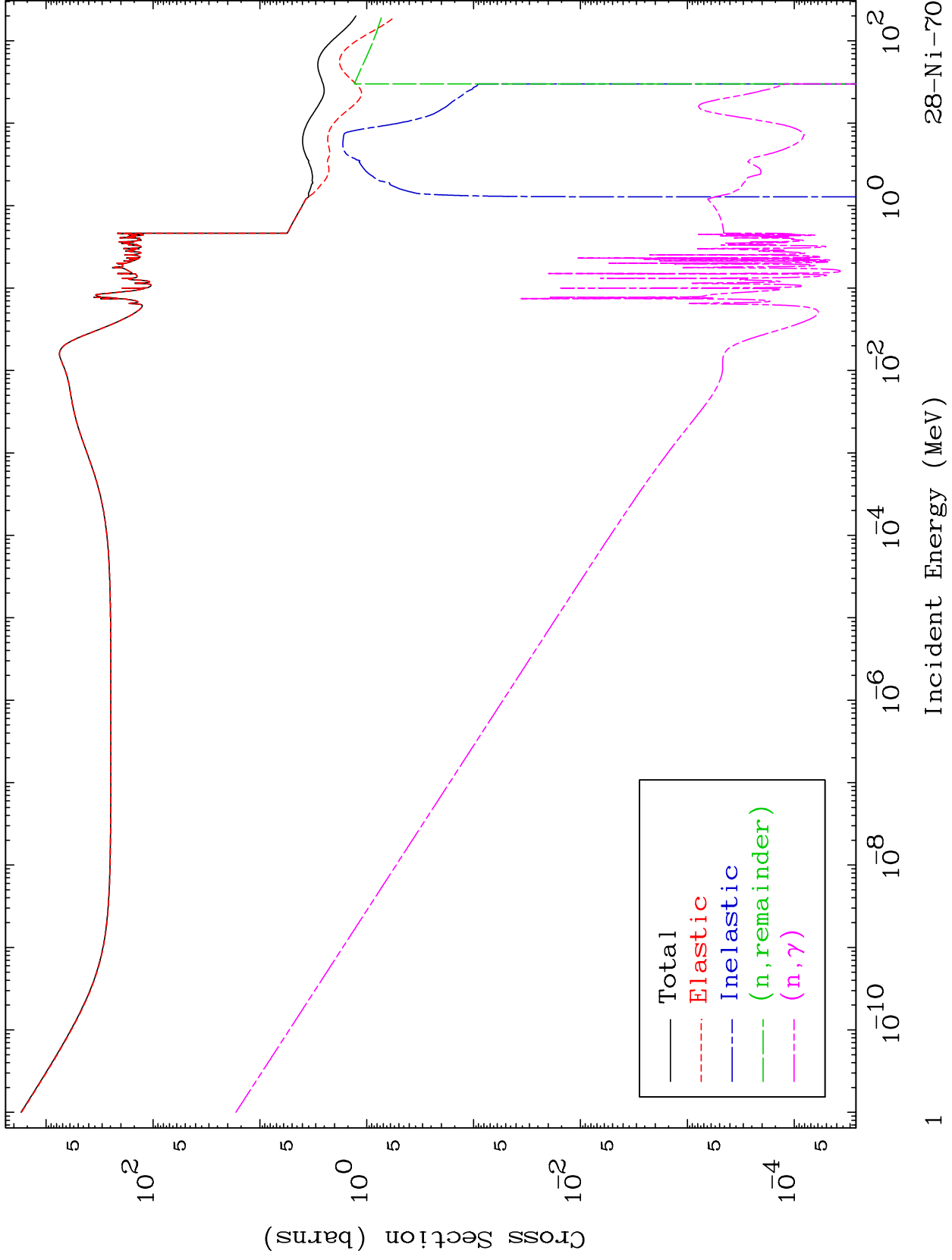
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

Major
293 Kelvin Cross Sections

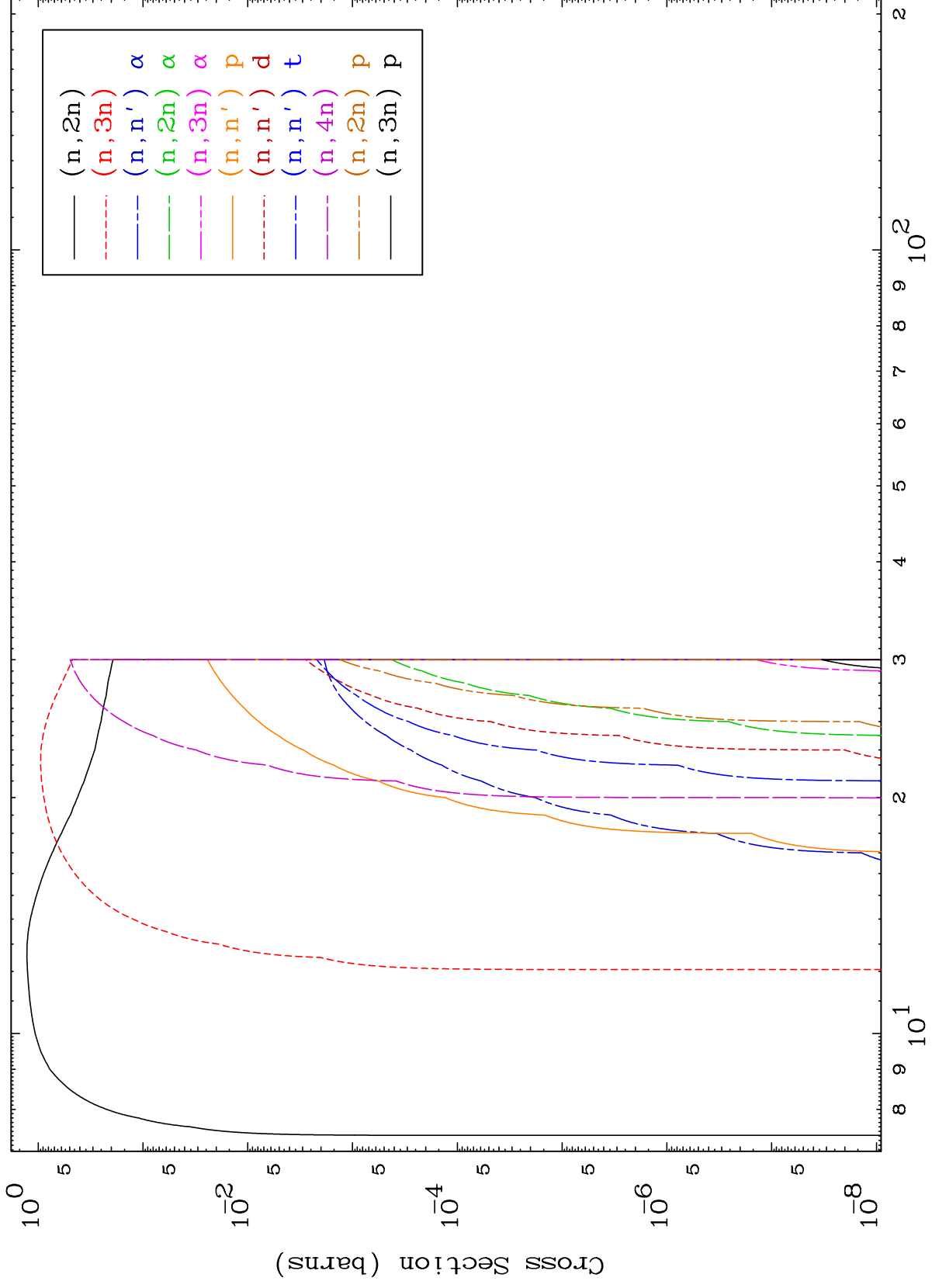
28-Ni-70



MAT 2861

Neutron Production
293 Kelvin Cross Sections

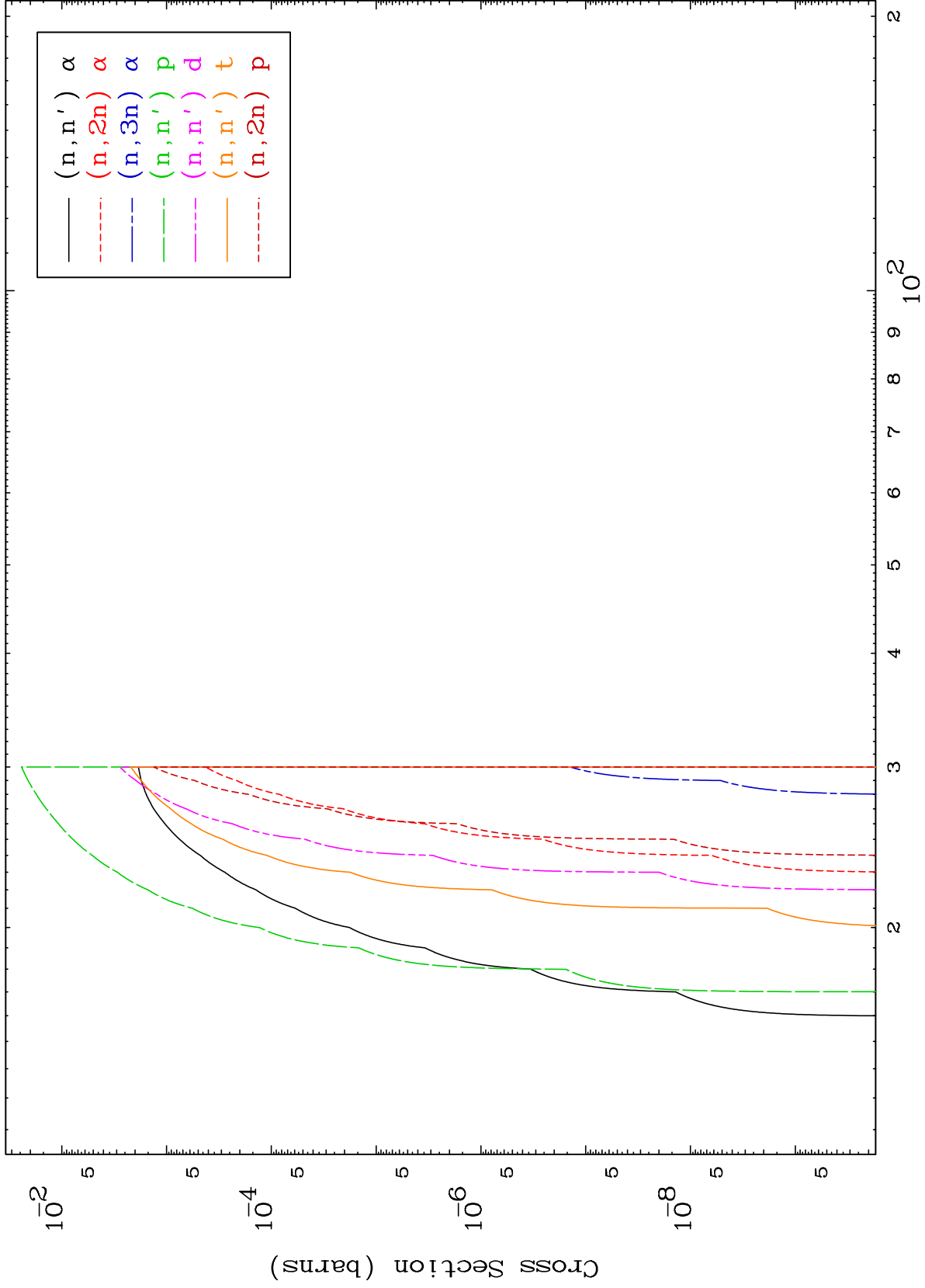
28-Ni-70

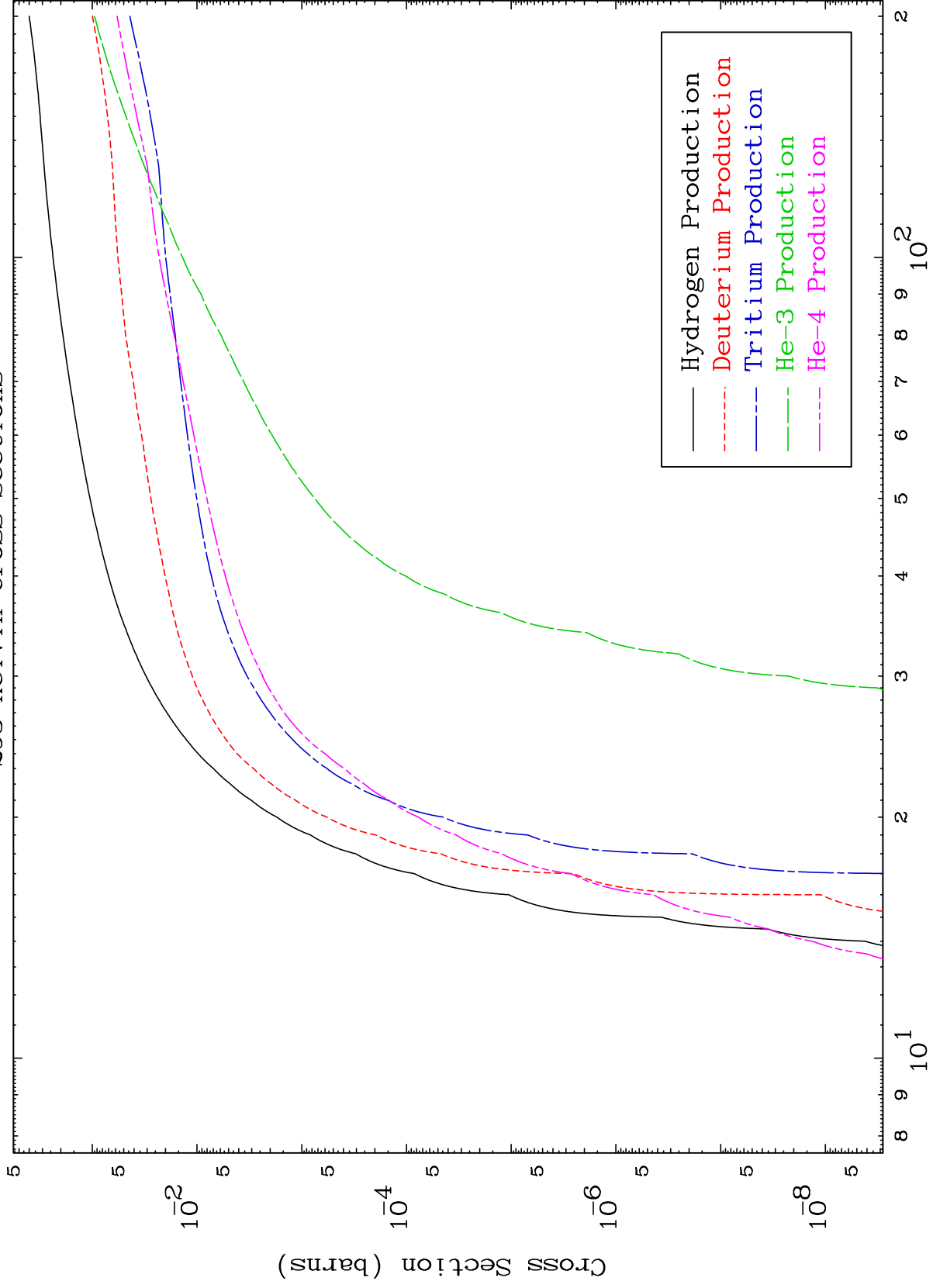


2

Incident Energy (MeV)

28-Ni-70



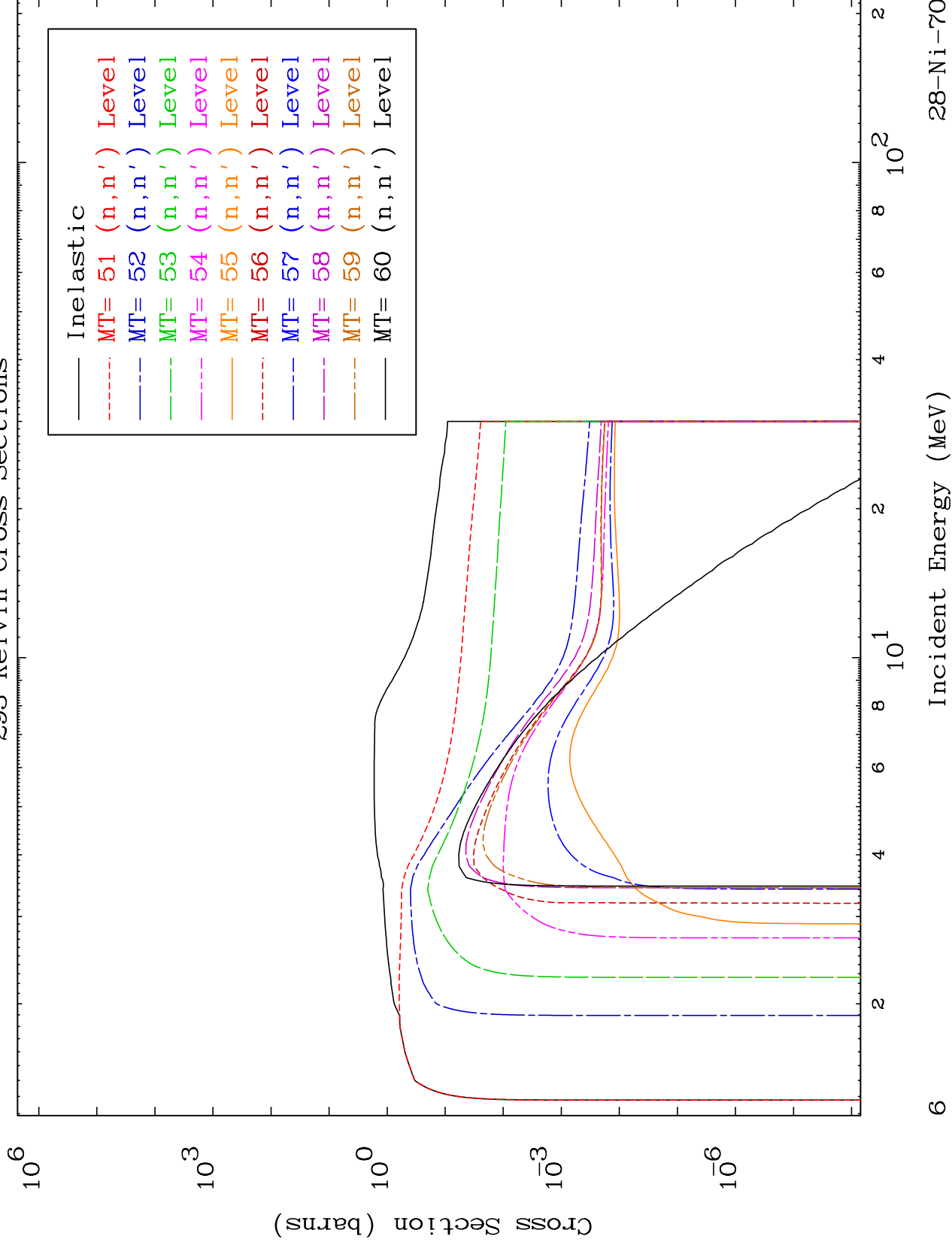


MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections



6

Incident Energy (MeV)

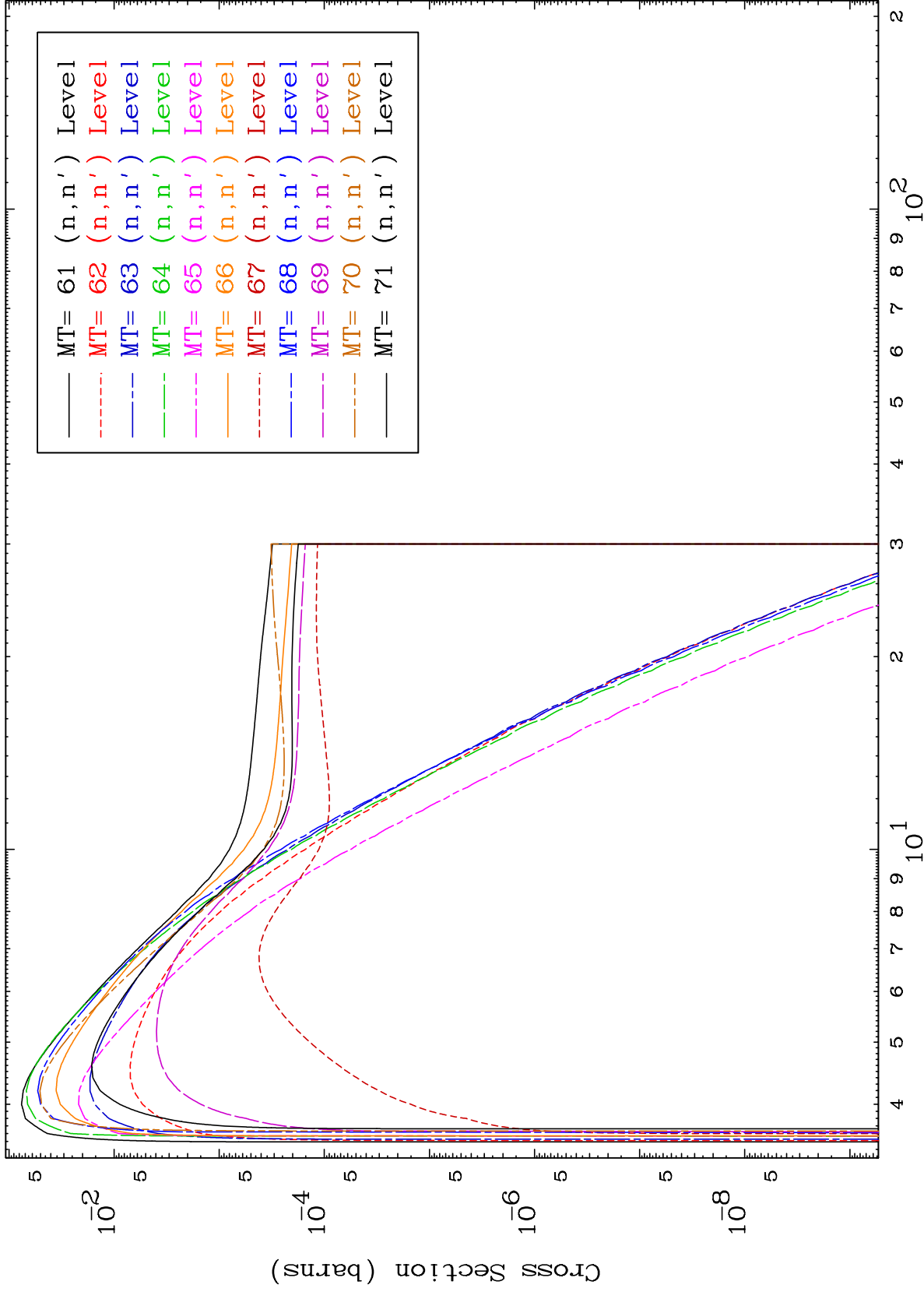
28-Ni-70

MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections

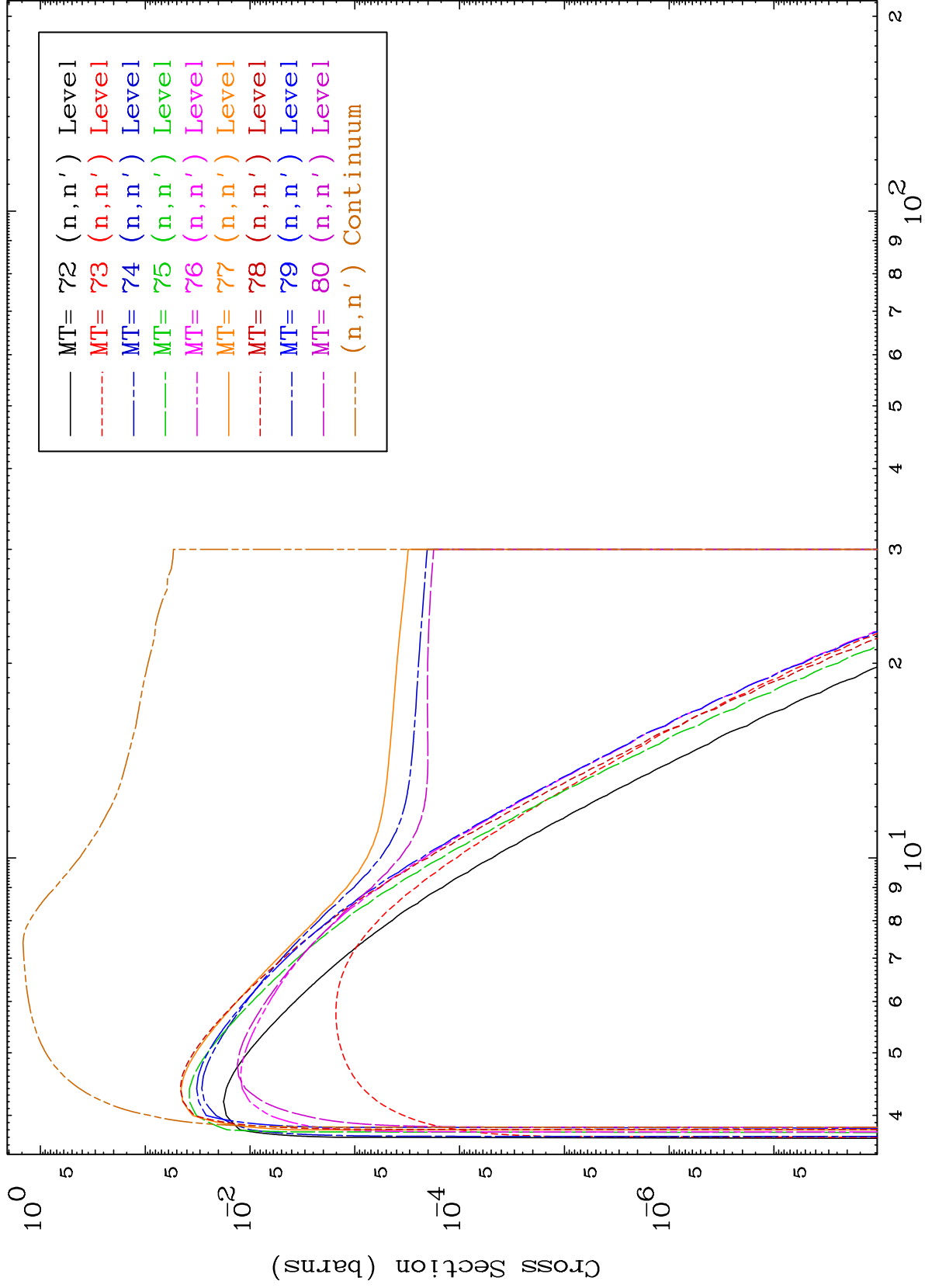


MAT 2861

(n,n') Level

293 Kelvin Cross Sections

28-Ni-70



8

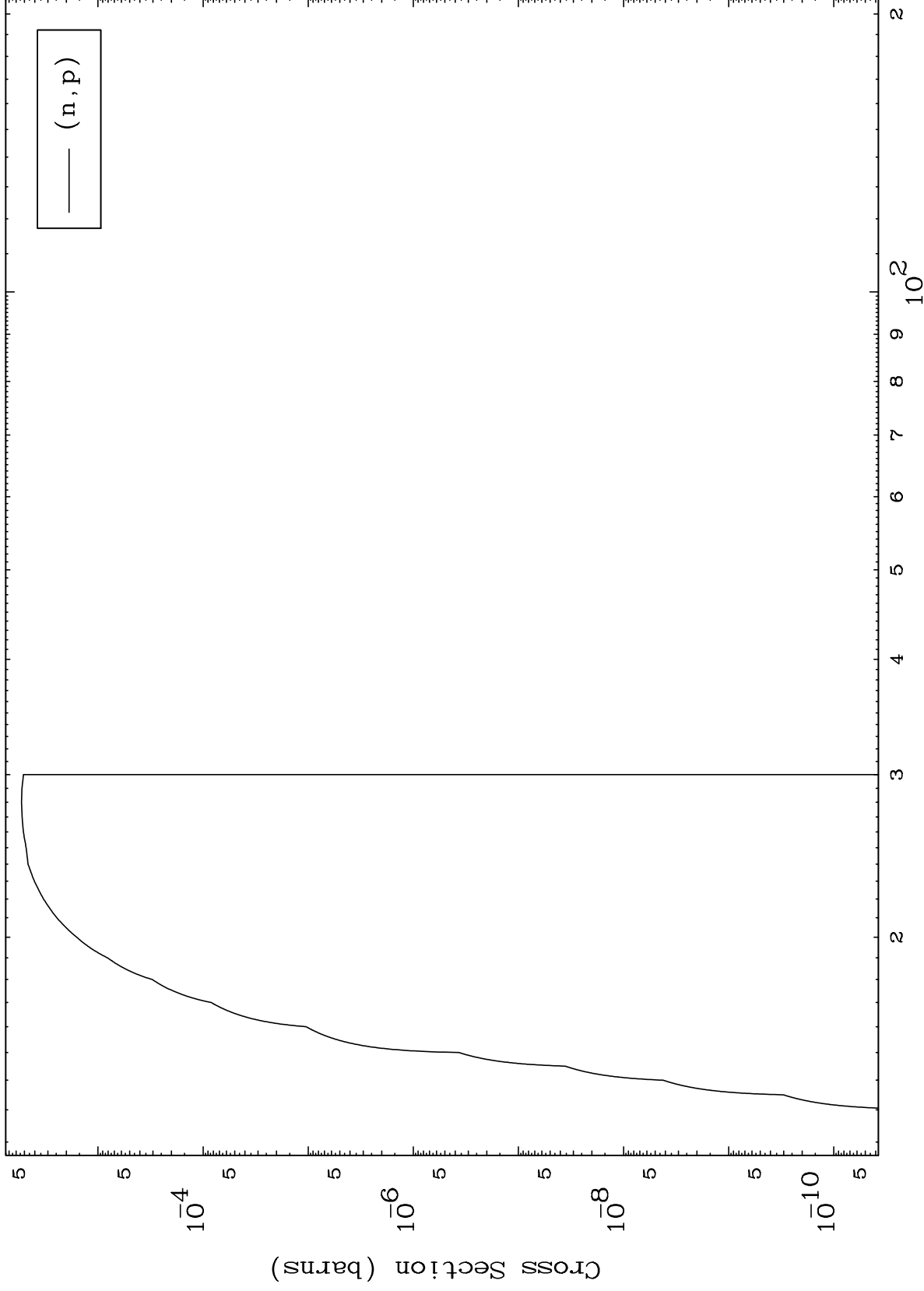
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,p) Levels
293 Kelvin Cross Sections

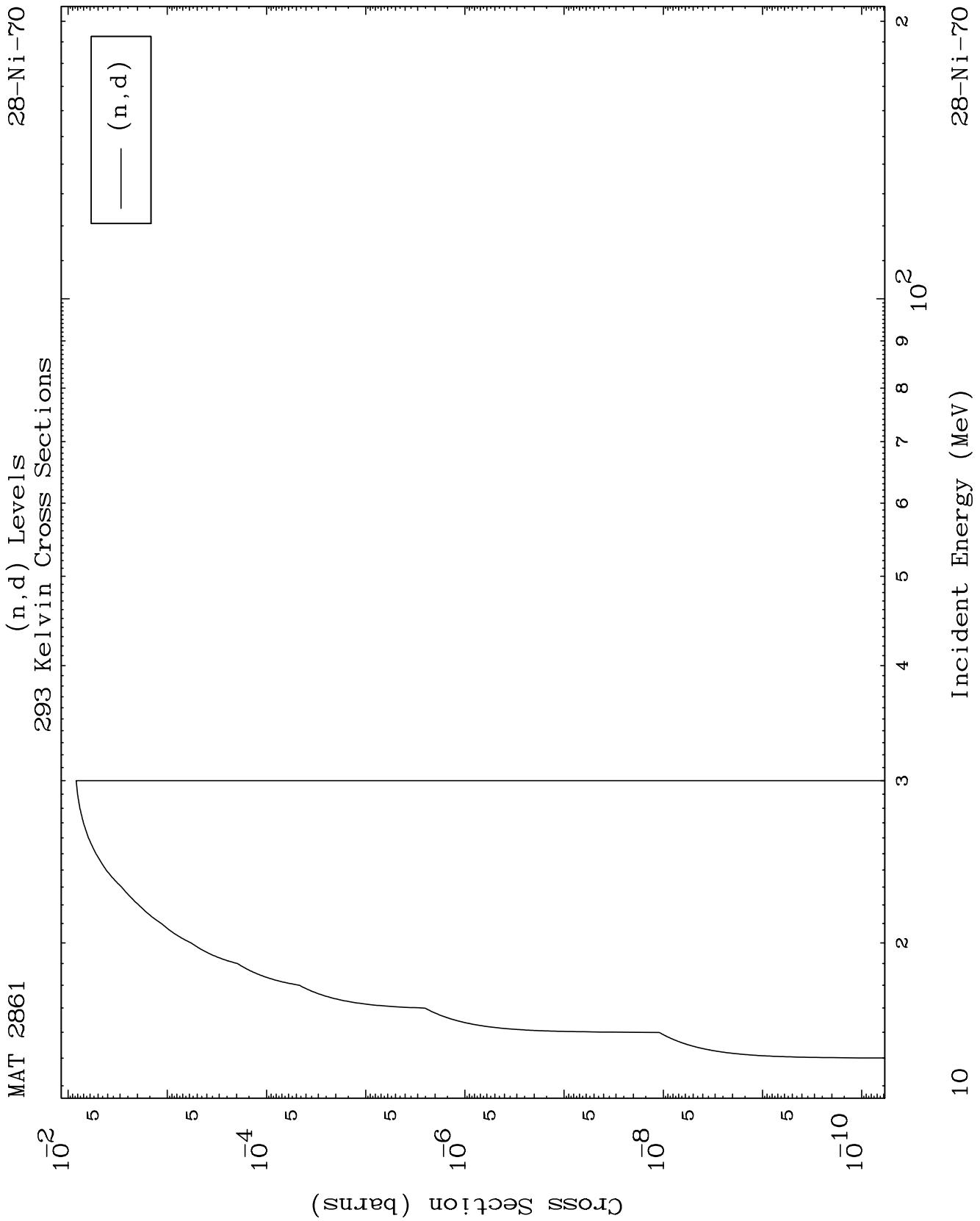
28-Ni-70



9

Incident Energy (MeV)

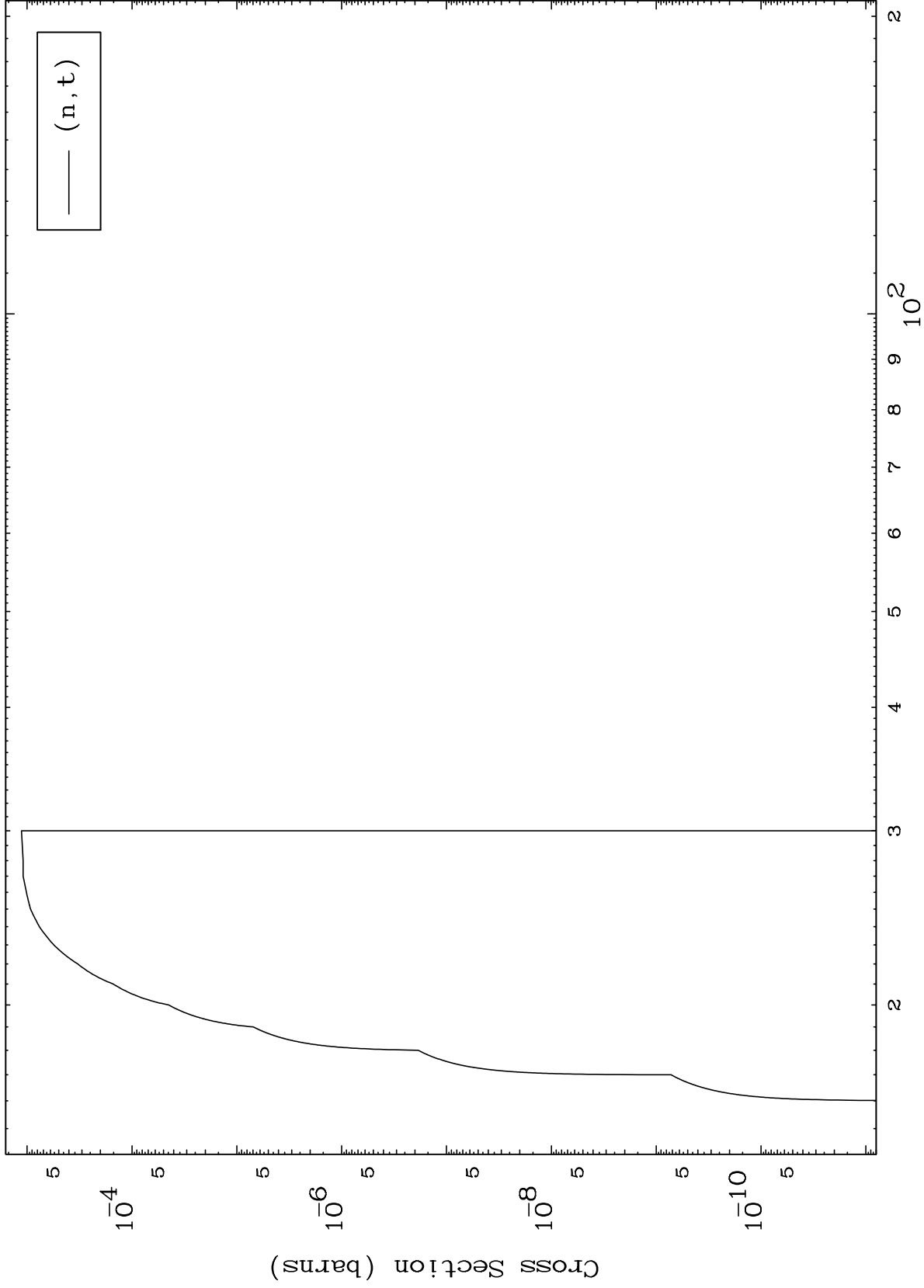
28-Ni-70



MAT 2861

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-70



11

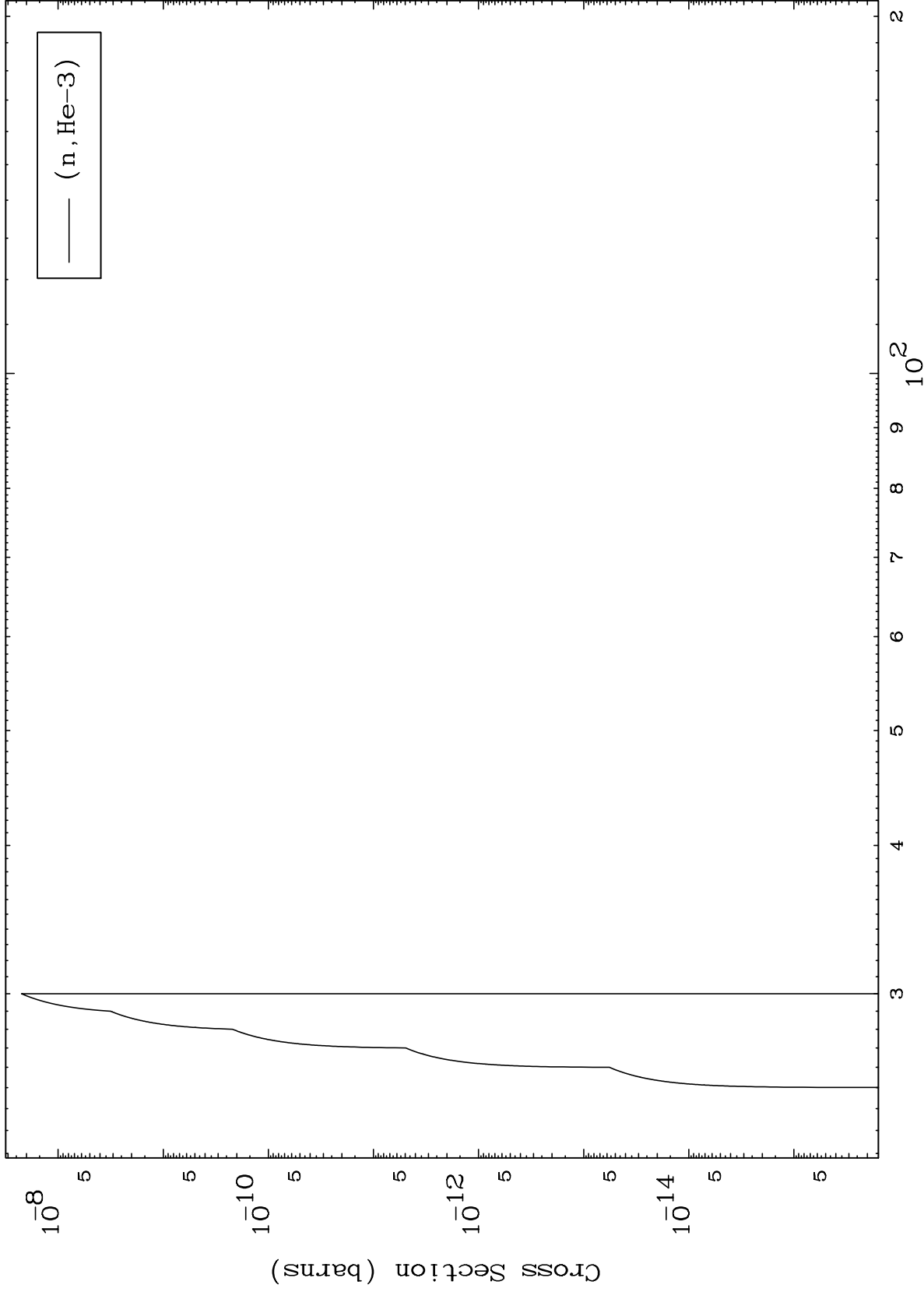
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-70



12

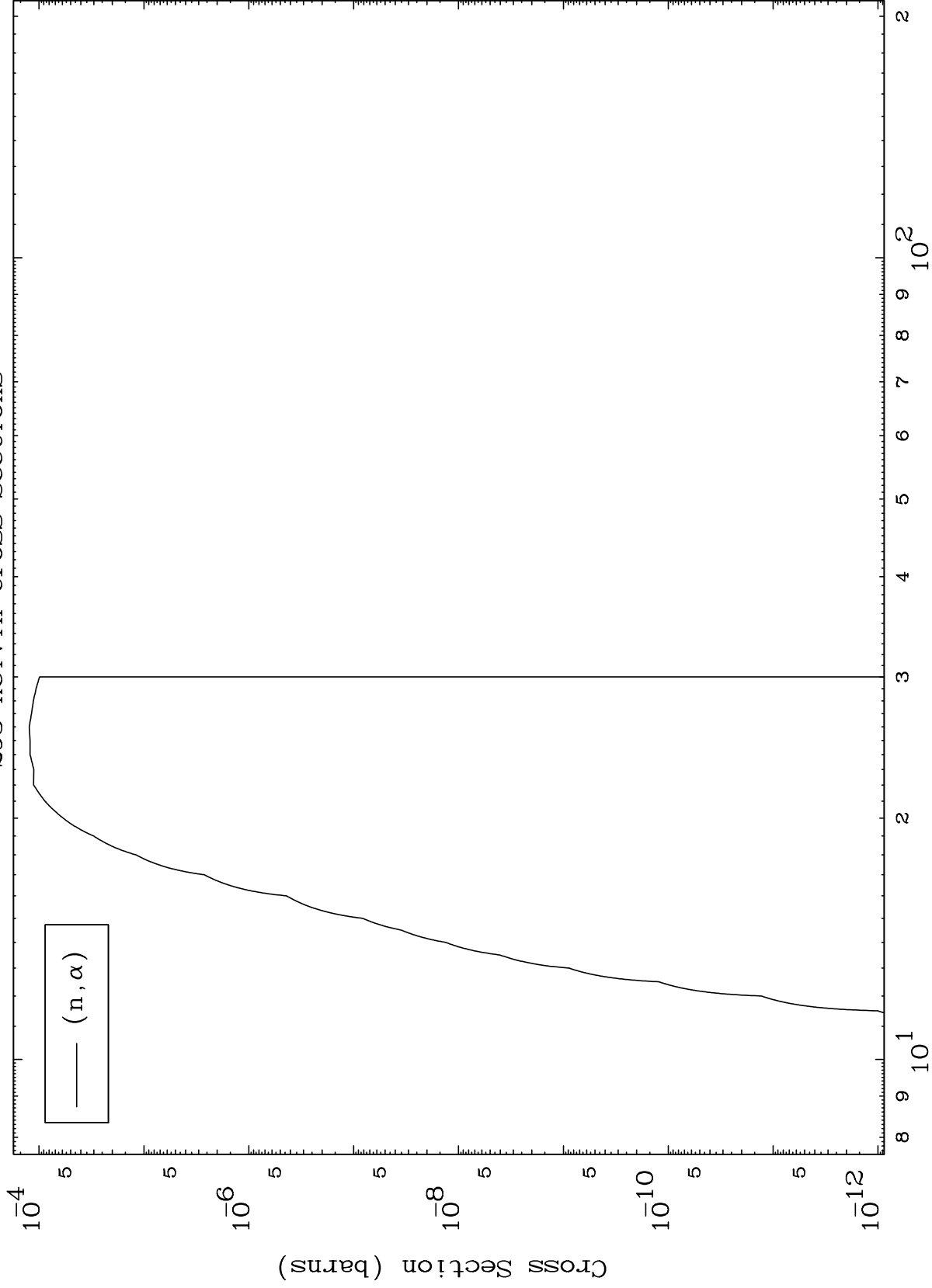
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,α) Levels
293 Kelvin Cross Sections

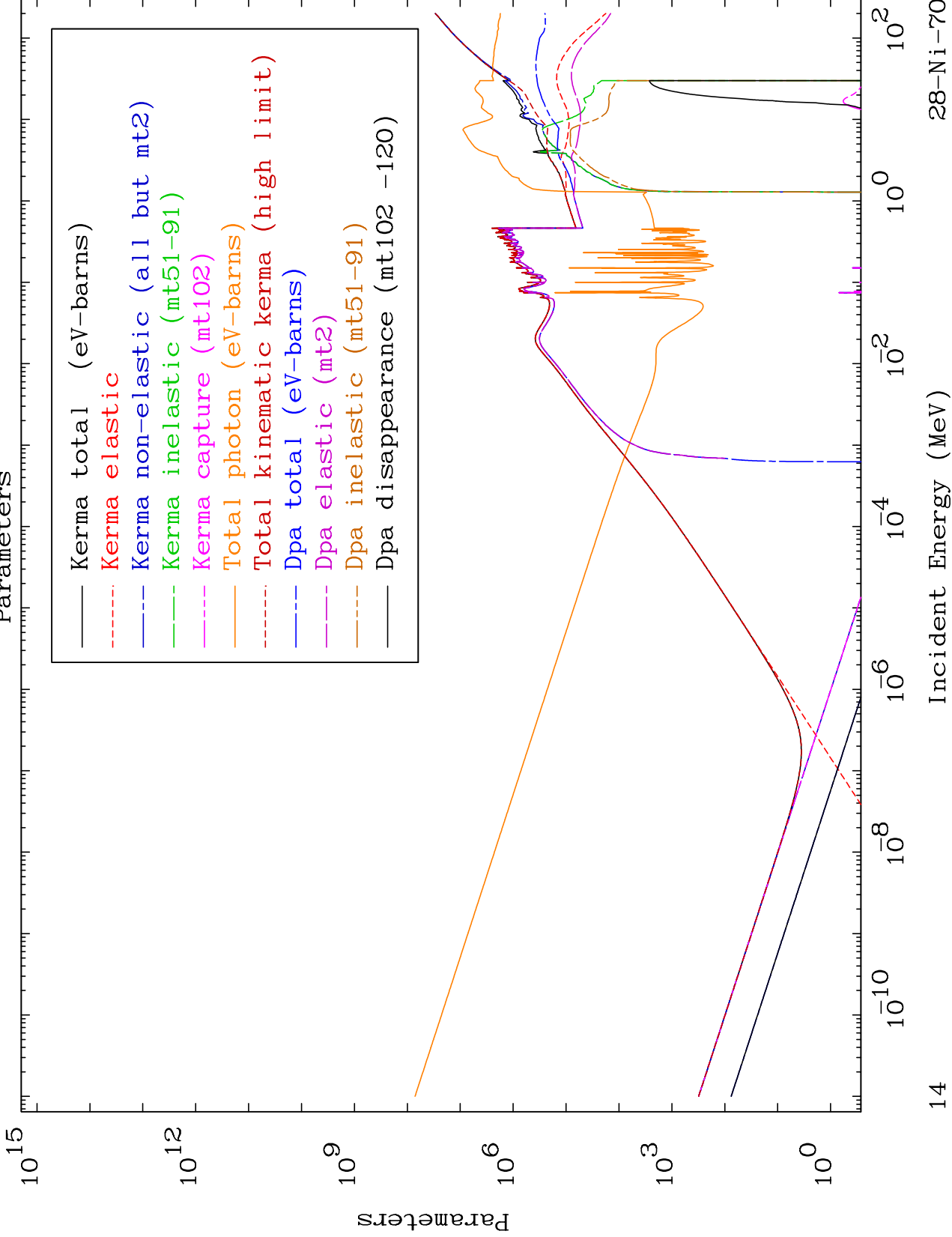
28-Ni-70

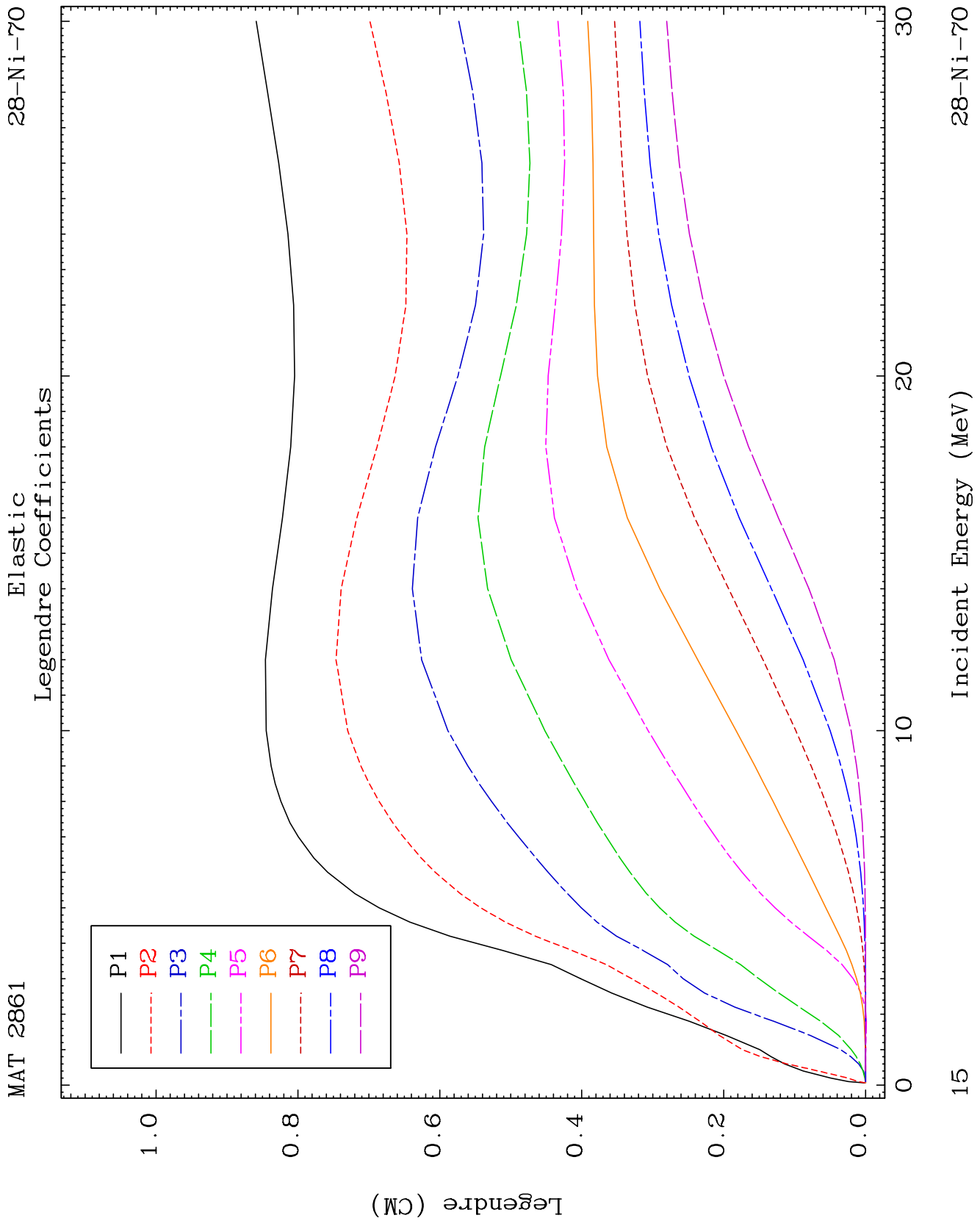


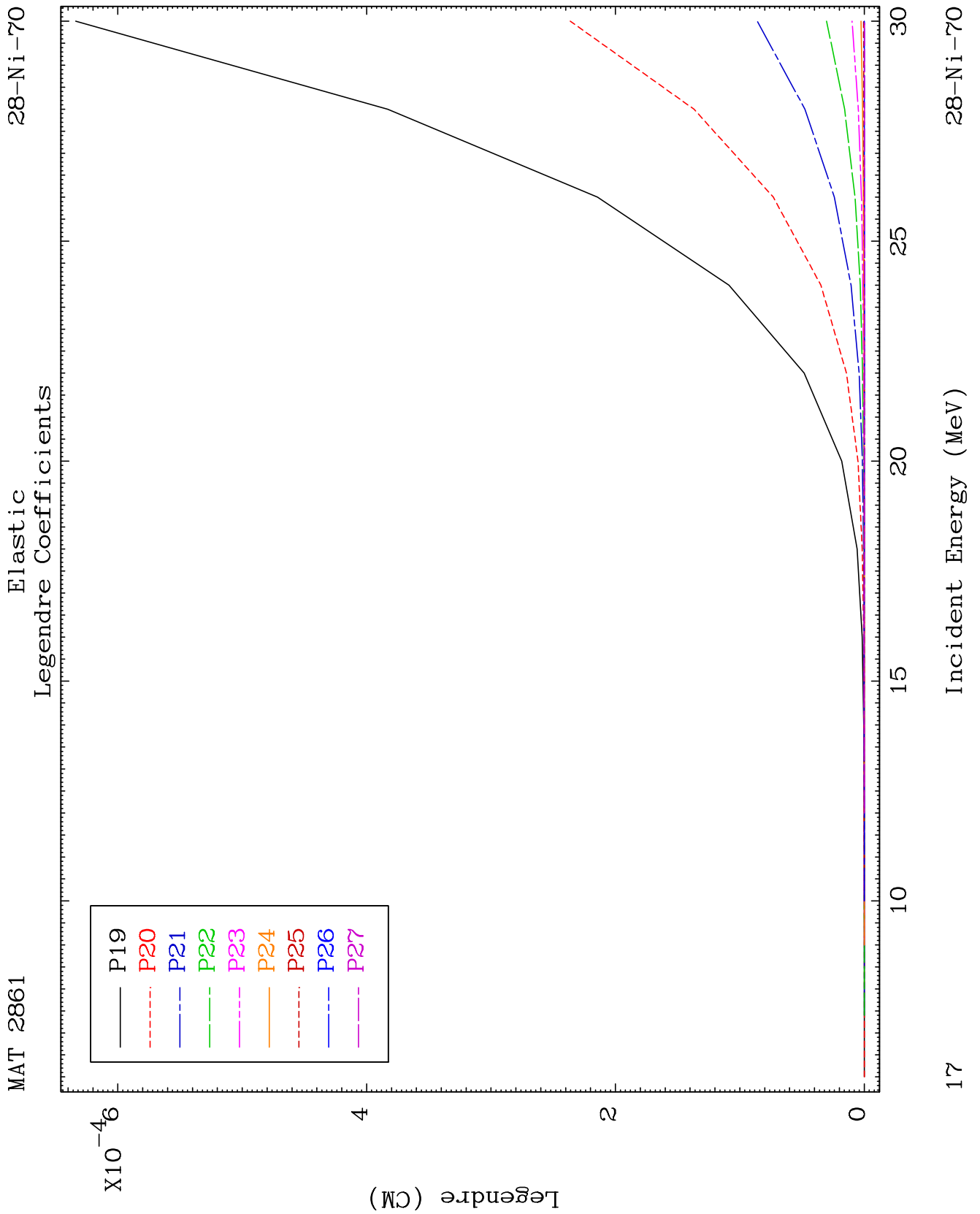
13

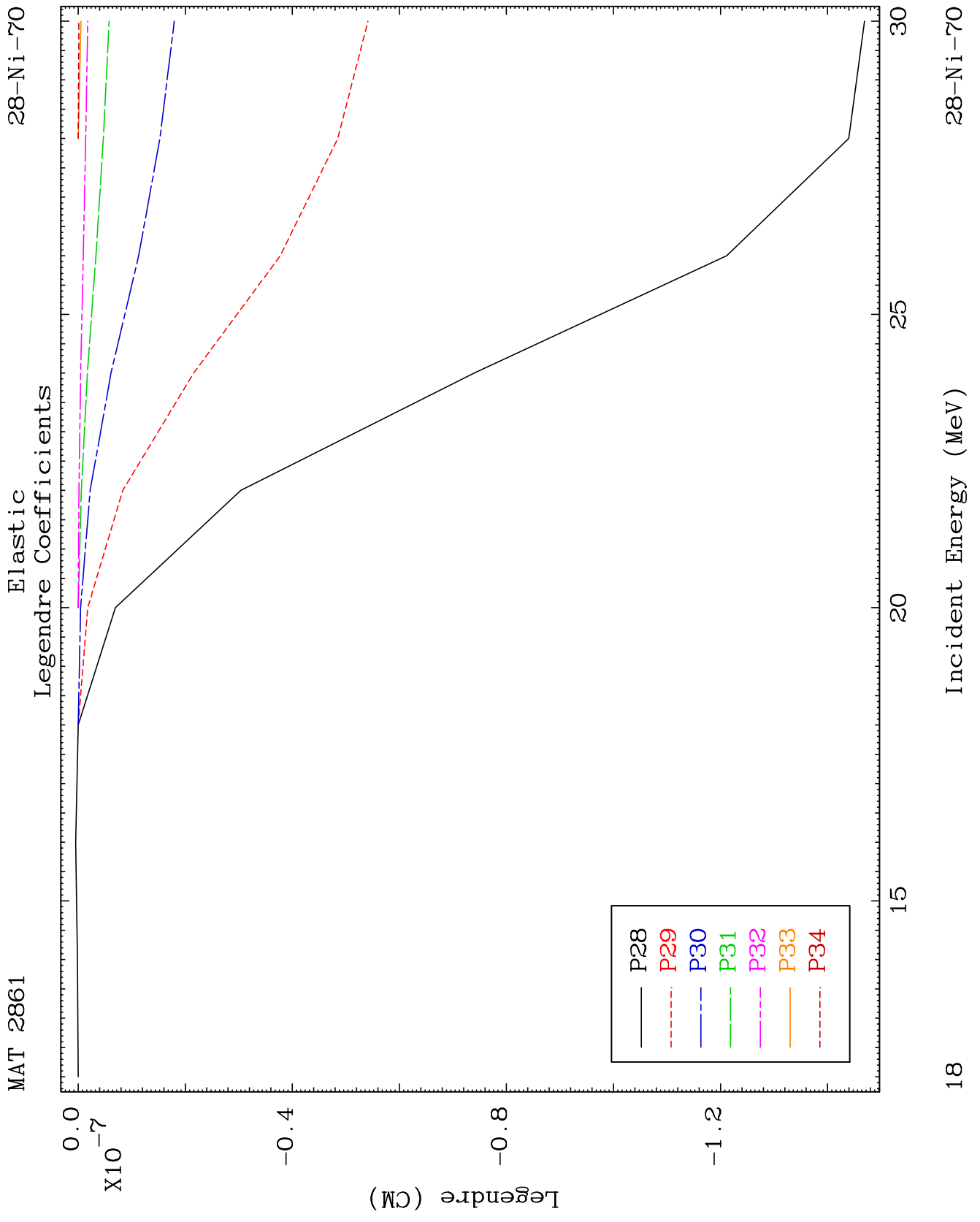
Incident Energy (MeV)

28-Ni-70





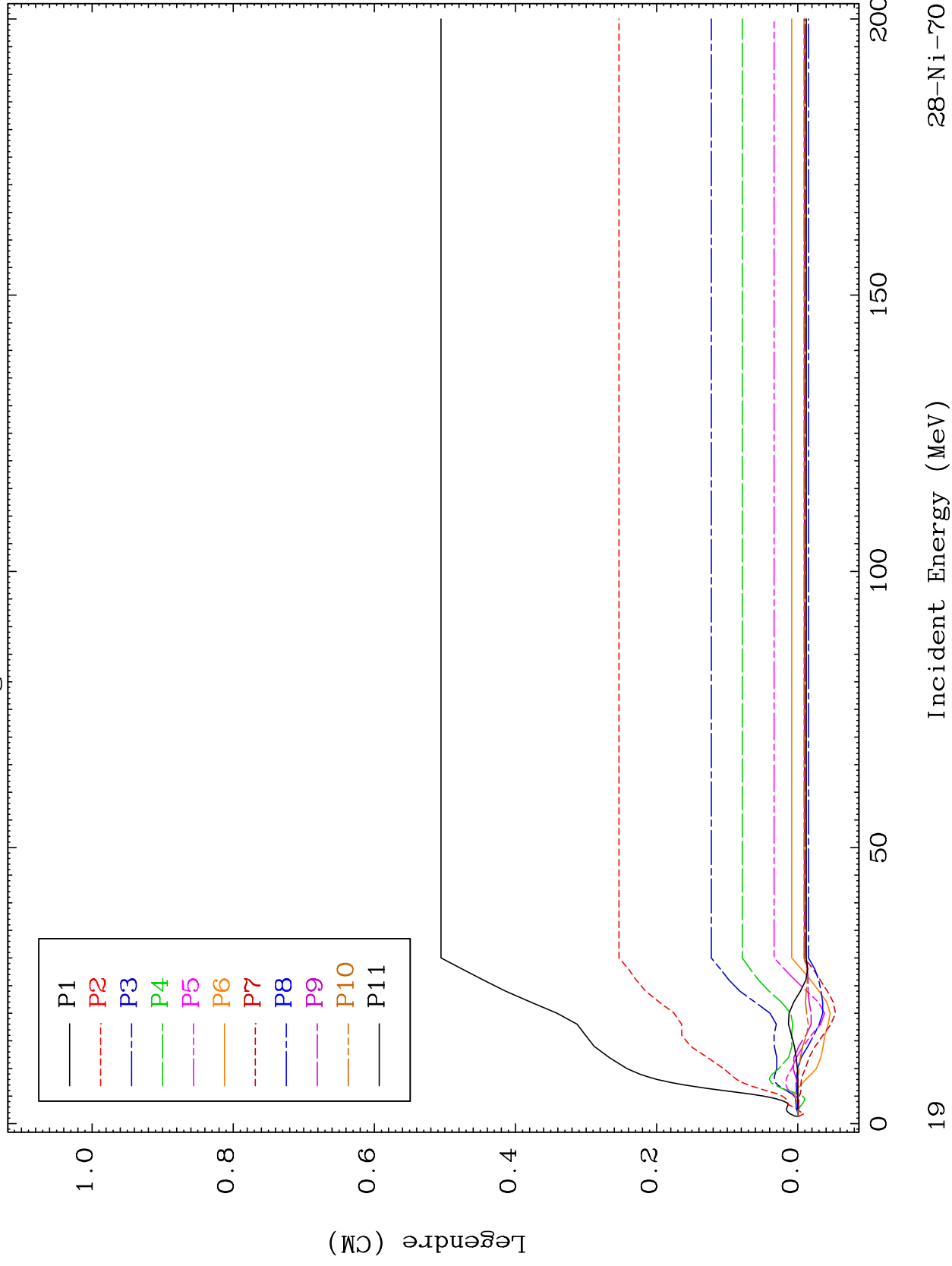




MAT 2861

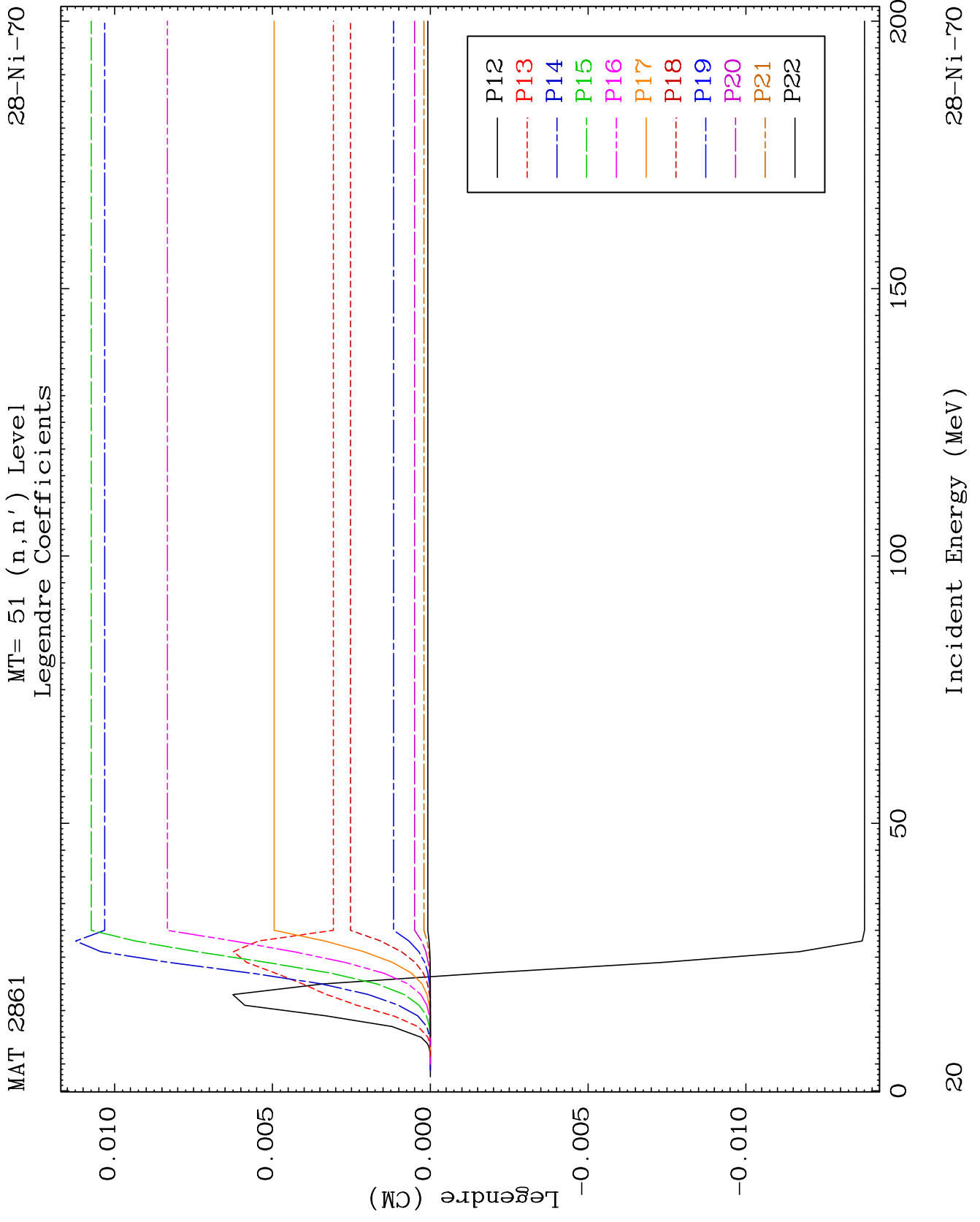
MT= 51 (n,n') Level
Legendre Coefficients

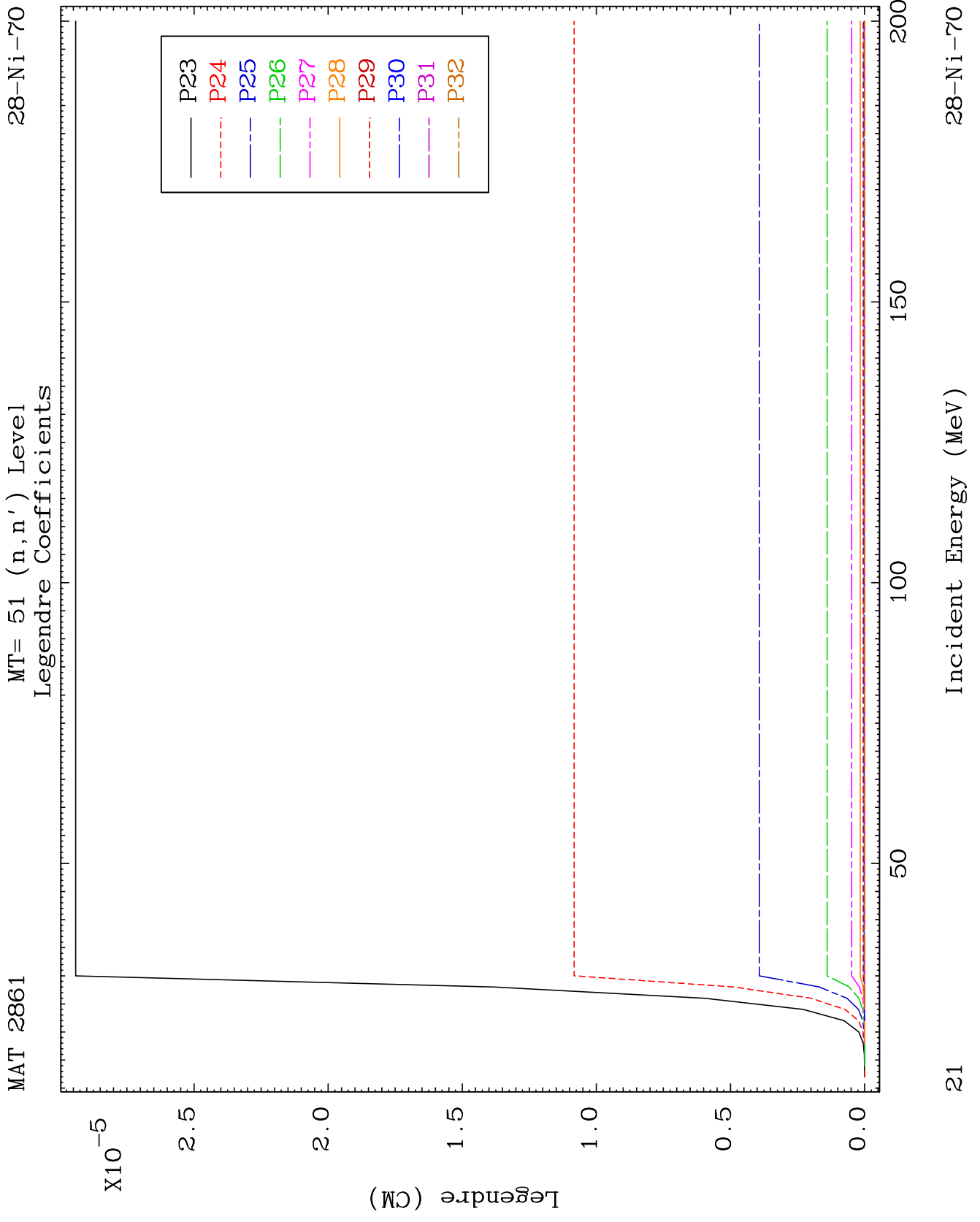
28-Ni-70

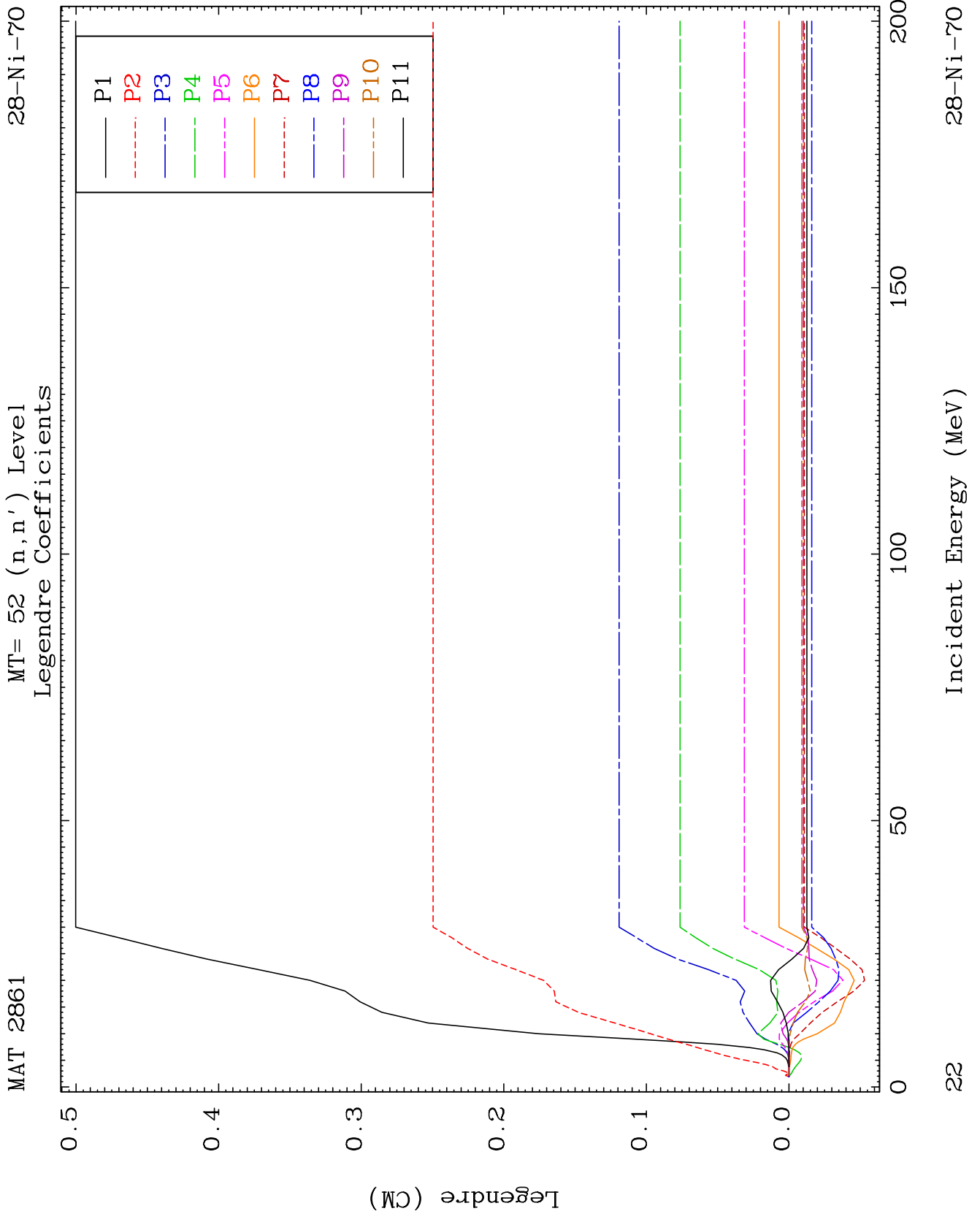


19

28-Ni-70



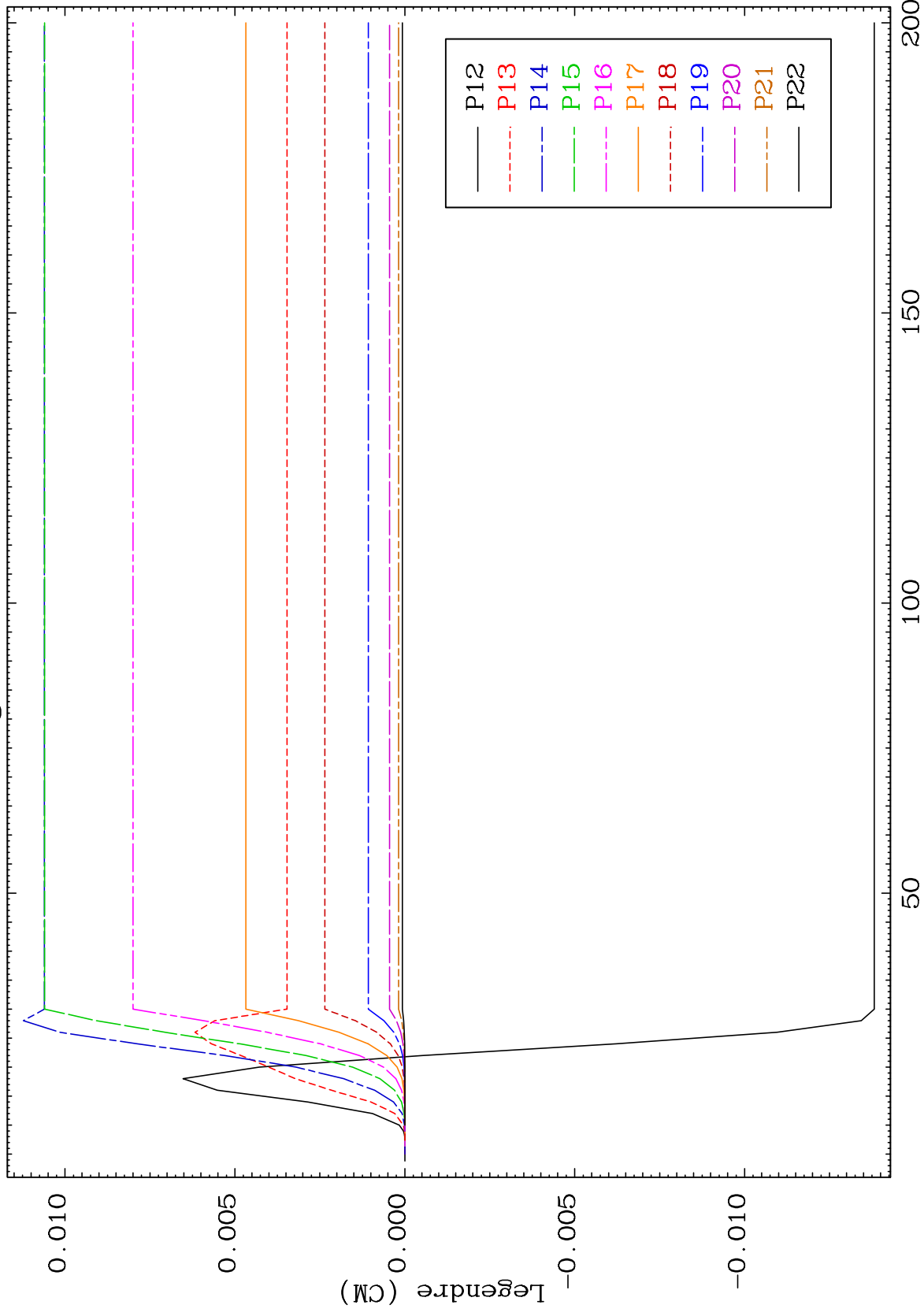




MAT 2861

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

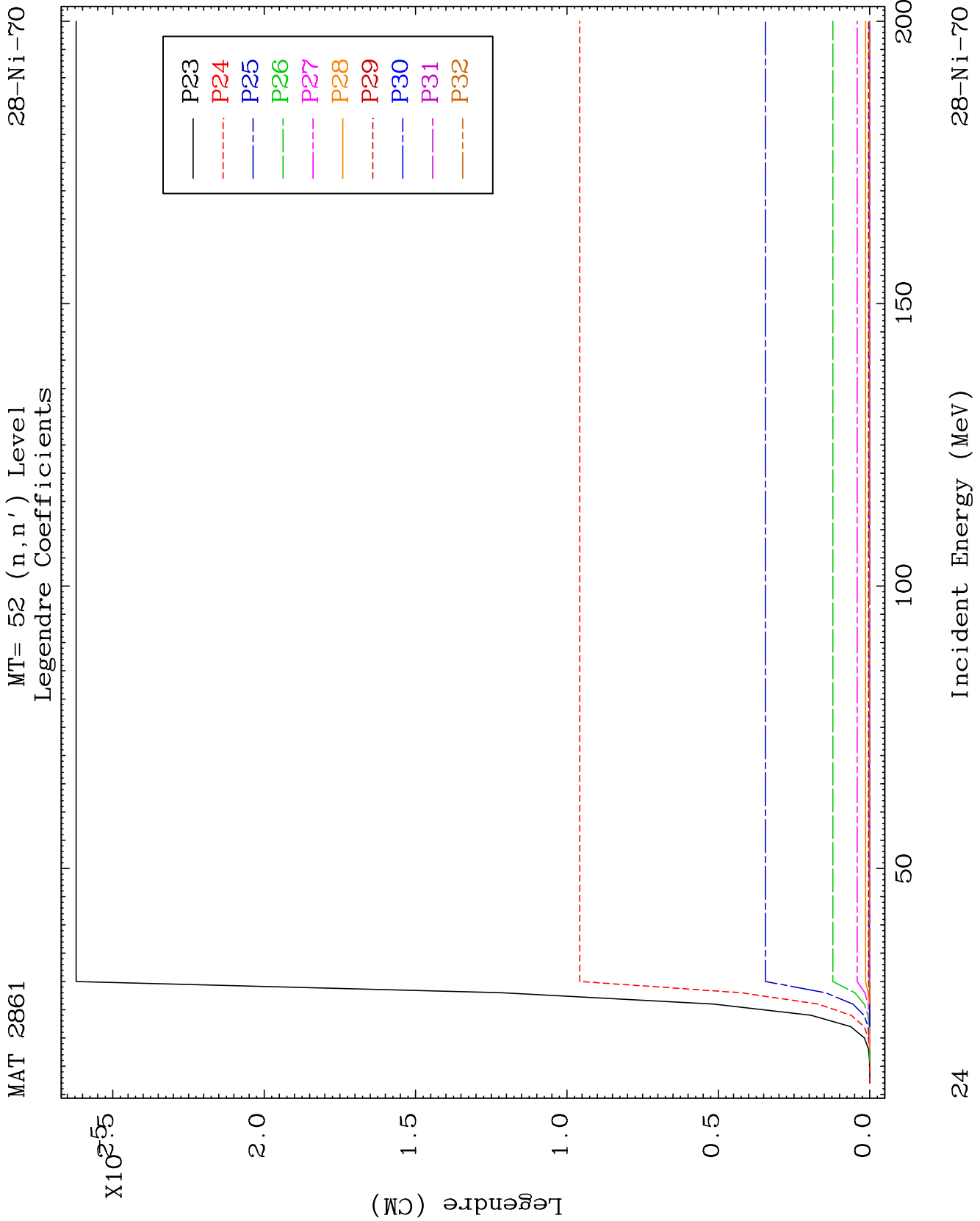
28-Ni-70

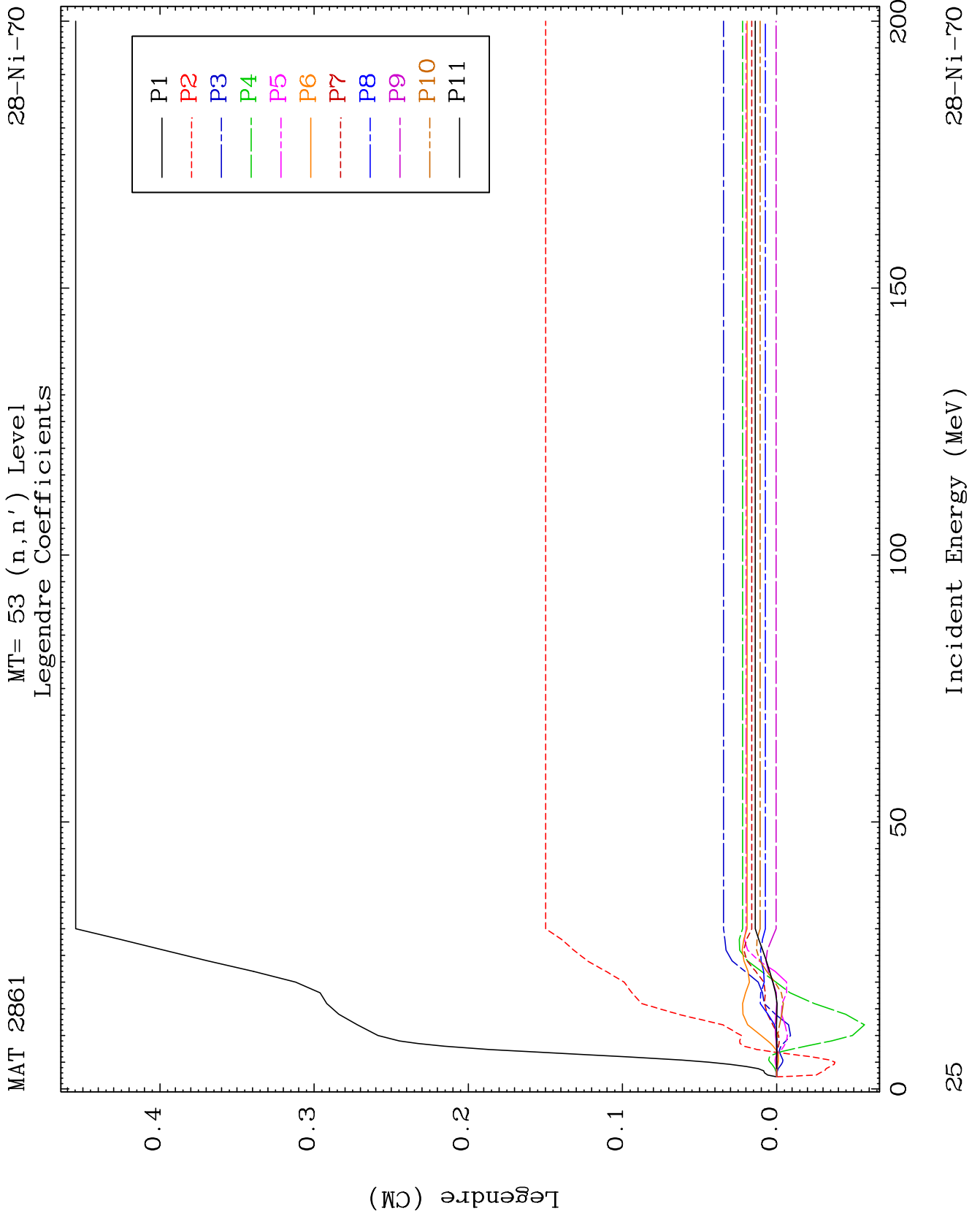


23

Incident Energy (MeV)

28-Ni-70

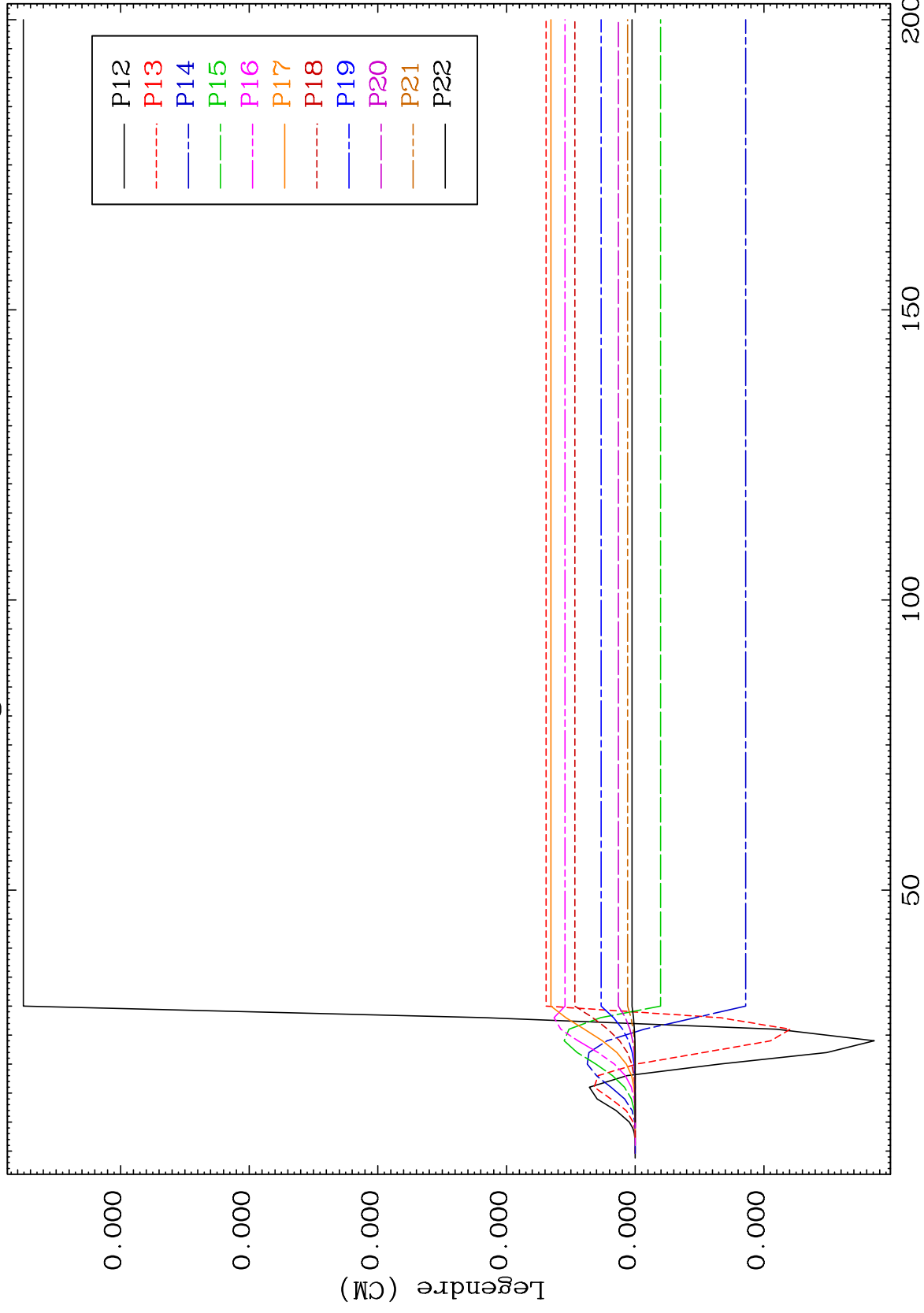




MAT 2861

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

28-Ni-70



26

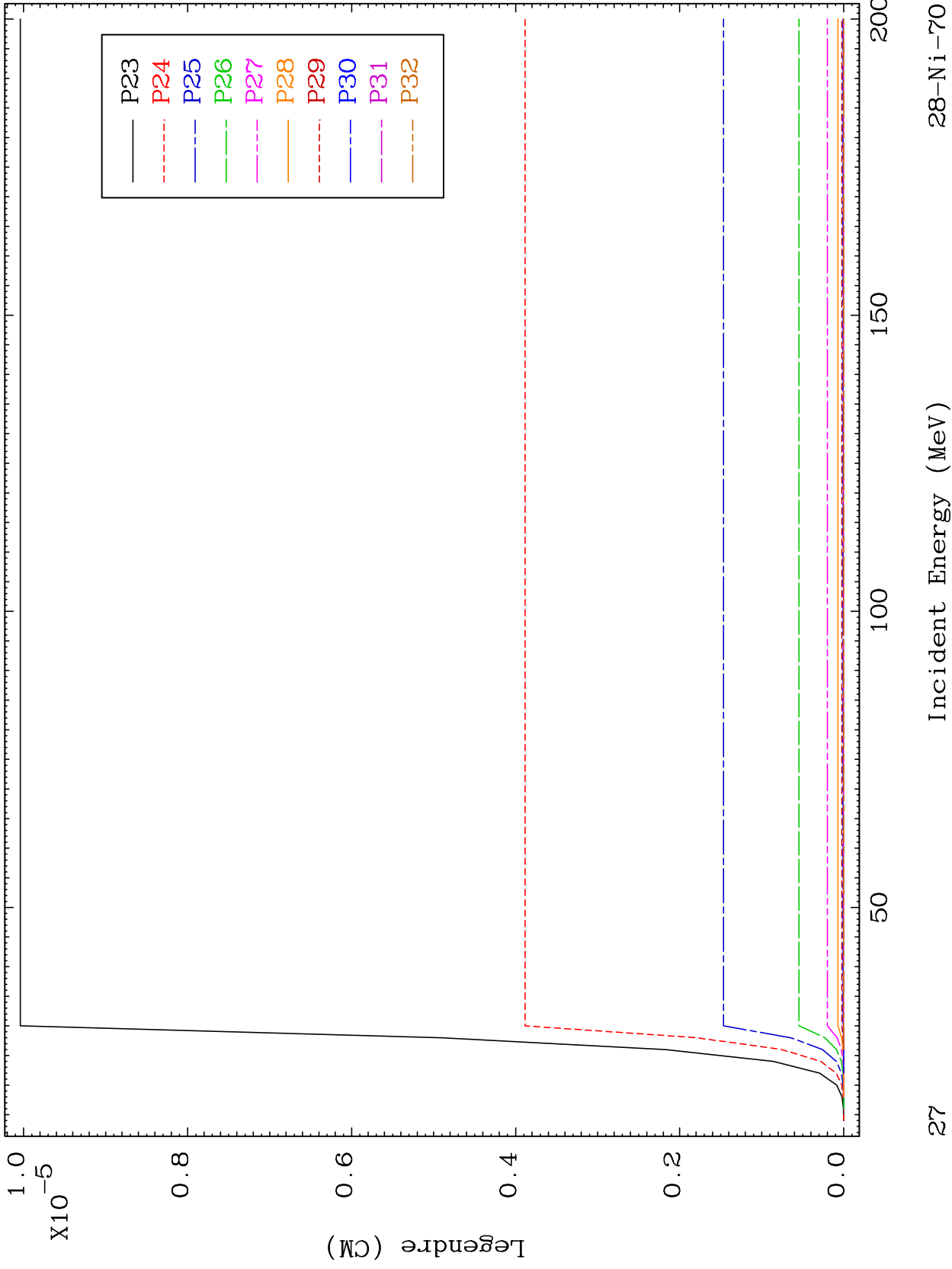
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70

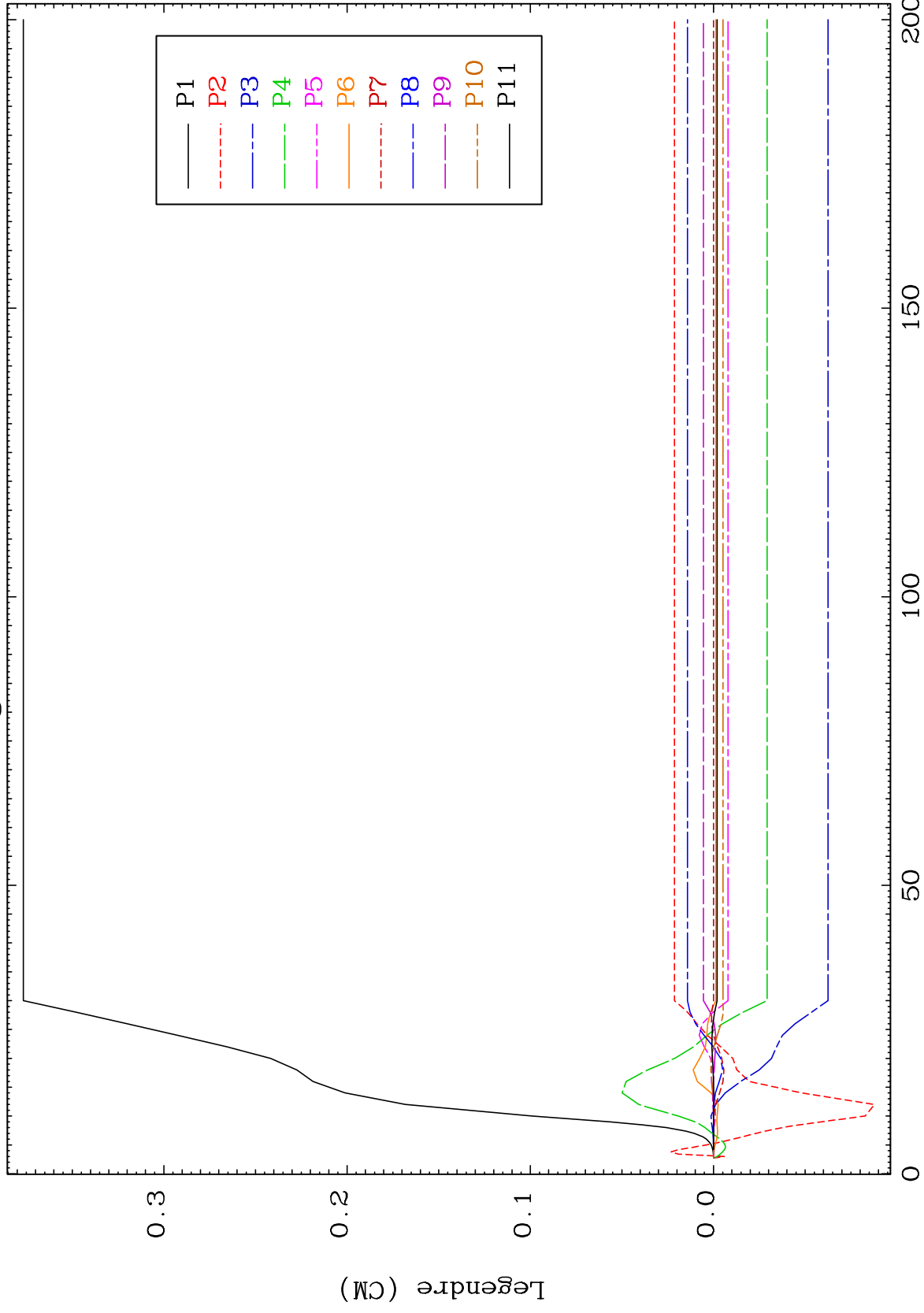


27

MAT 2861

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

28-Ni-70



28

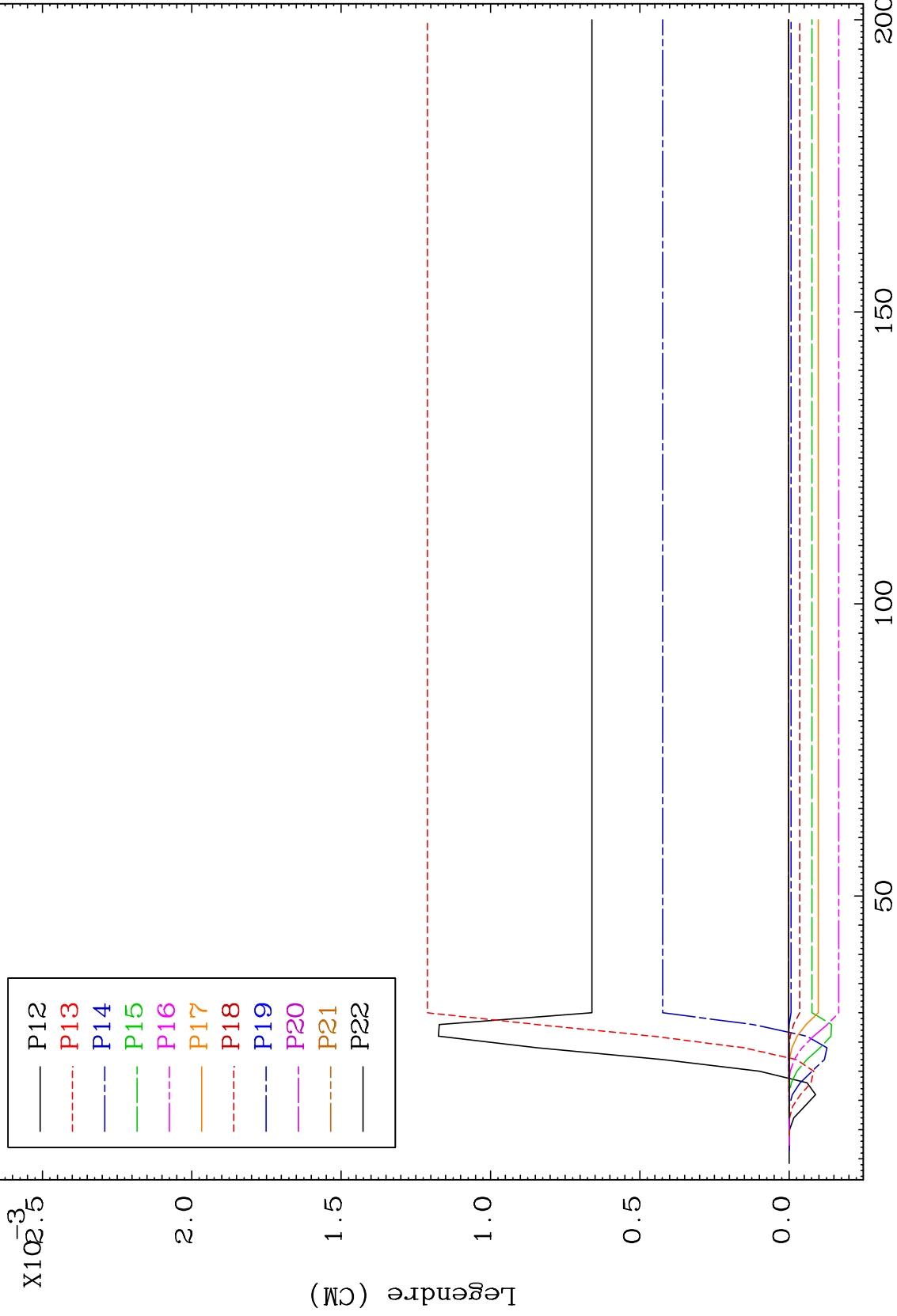
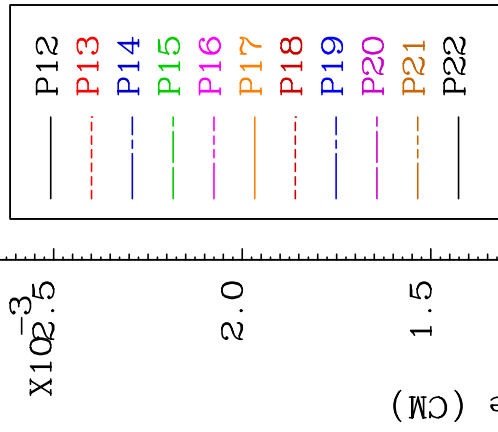
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

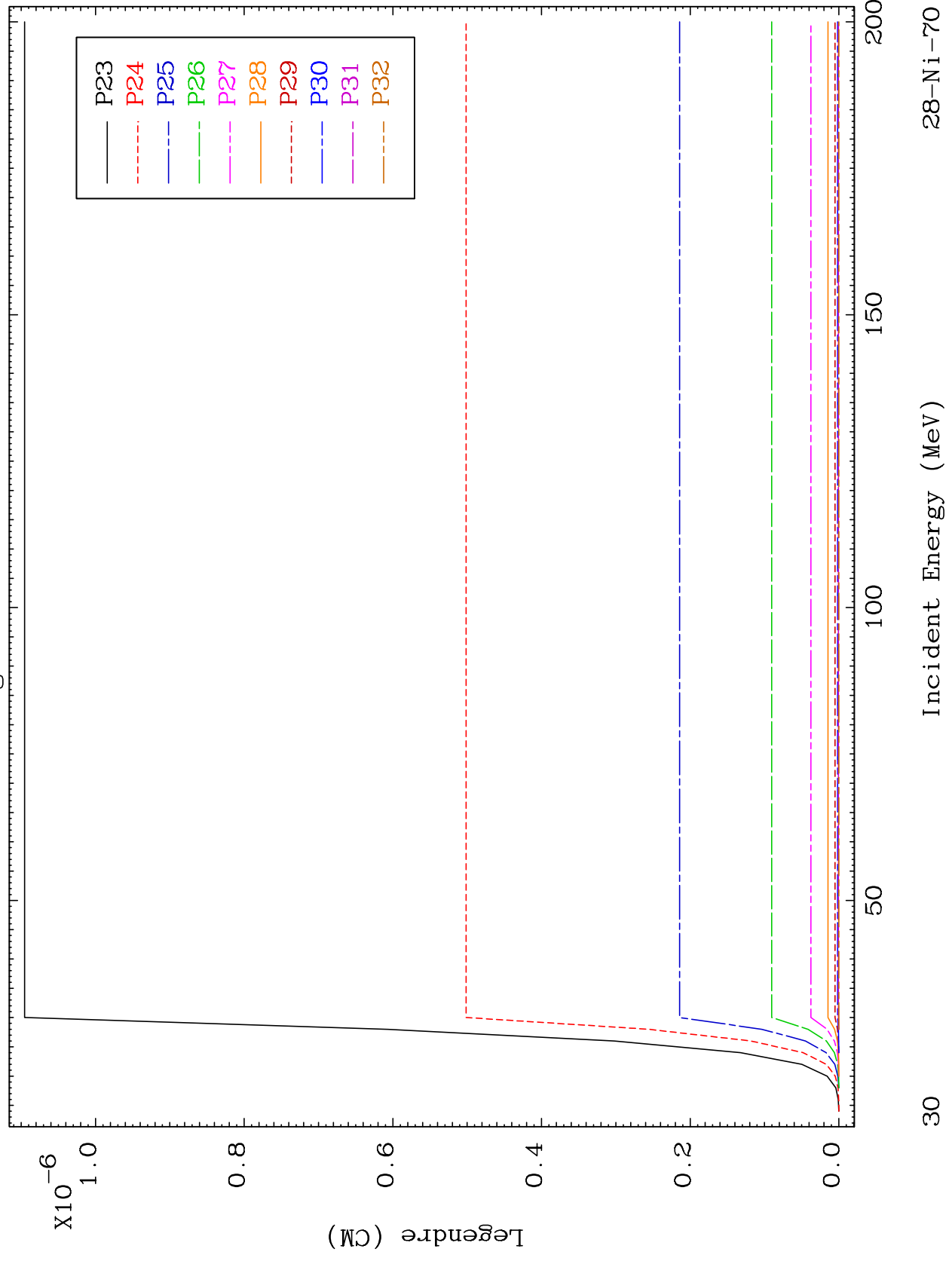
28-Ni-70



MAT 2861

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

28-Ni-70



28-Ni-70

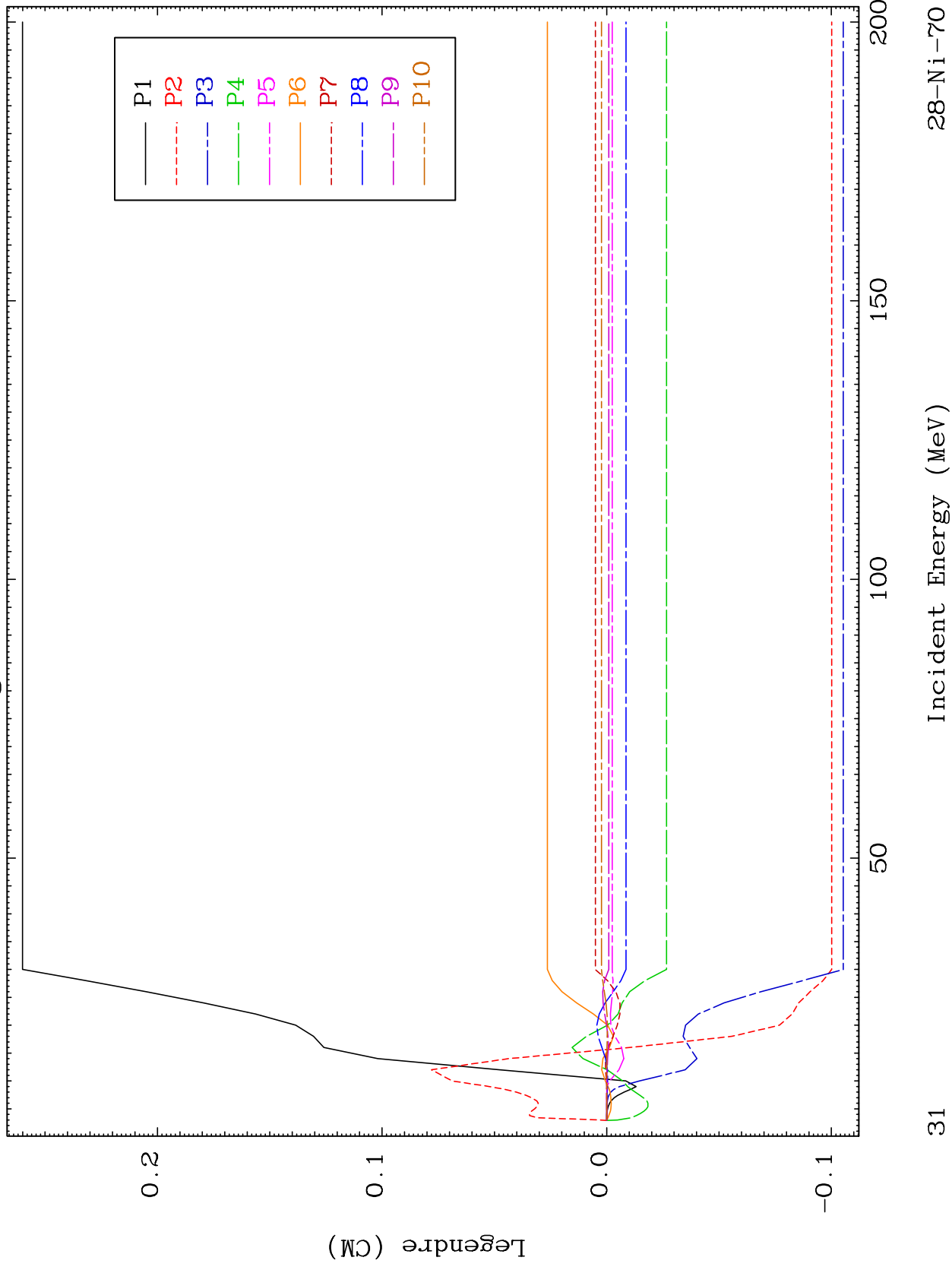
Incident Energy (MeV)

30

MAT 2861

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

28-Ni-70



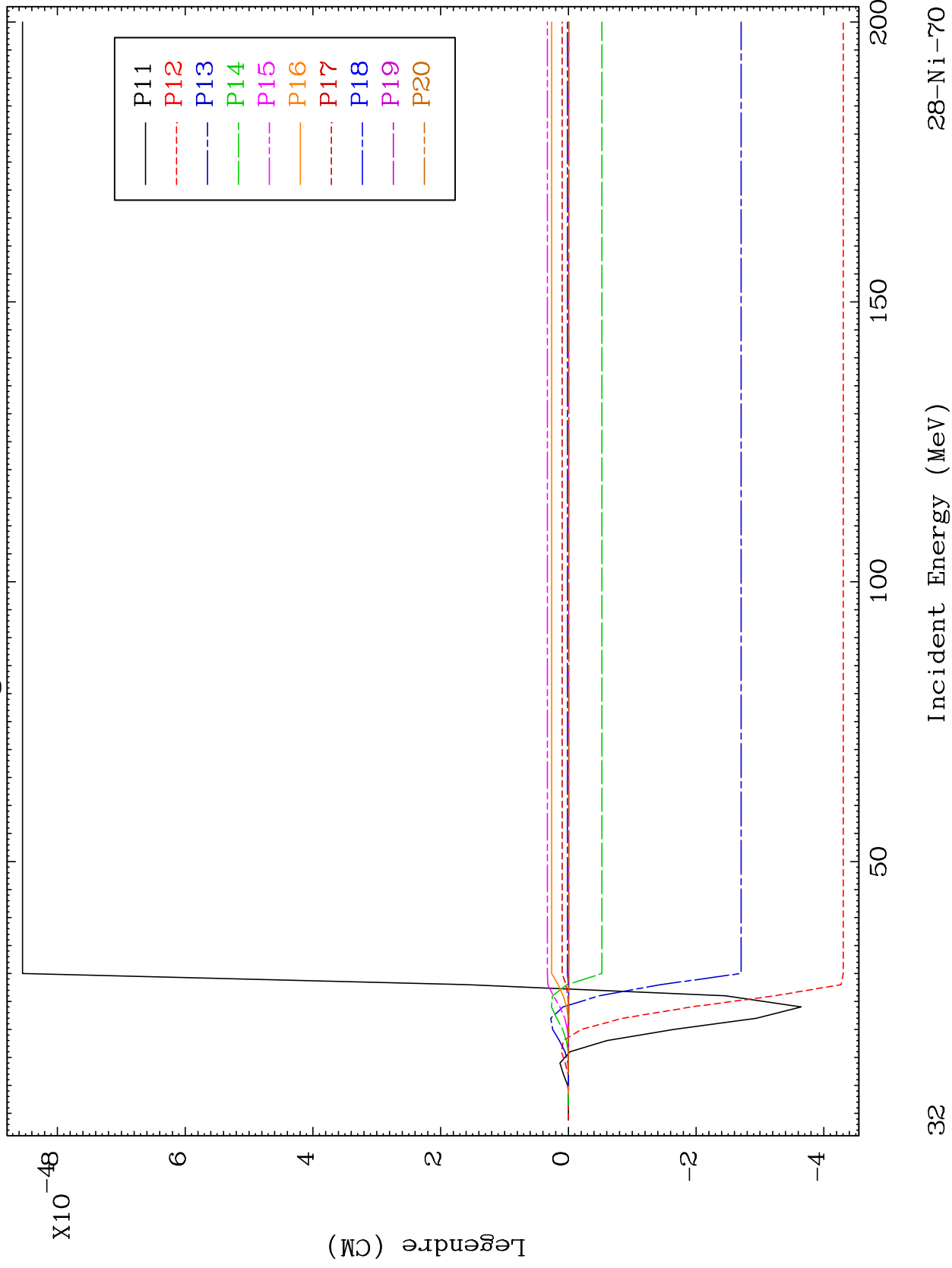
31

28-Ni-70

MAT 2861

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

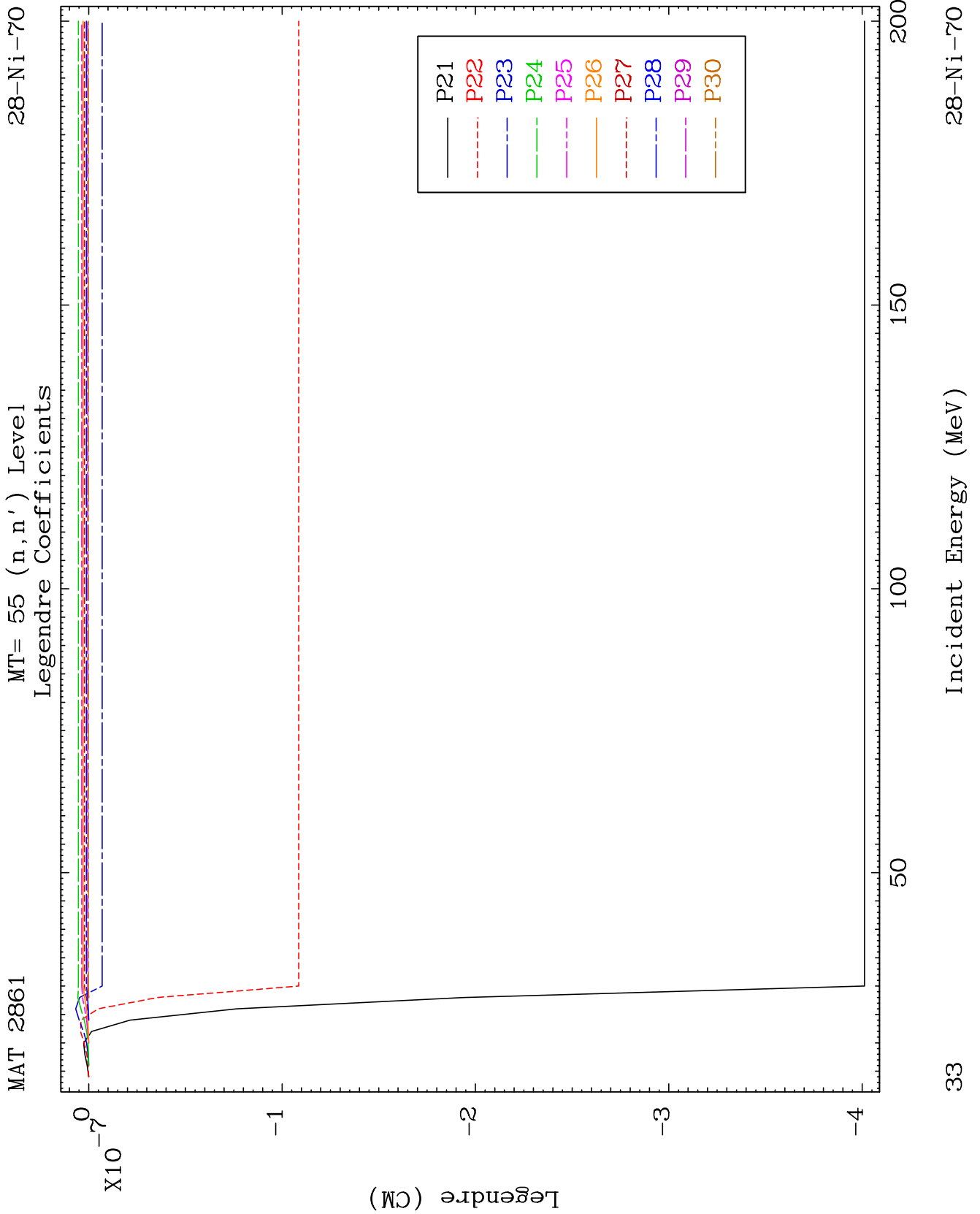
28-Ni-70

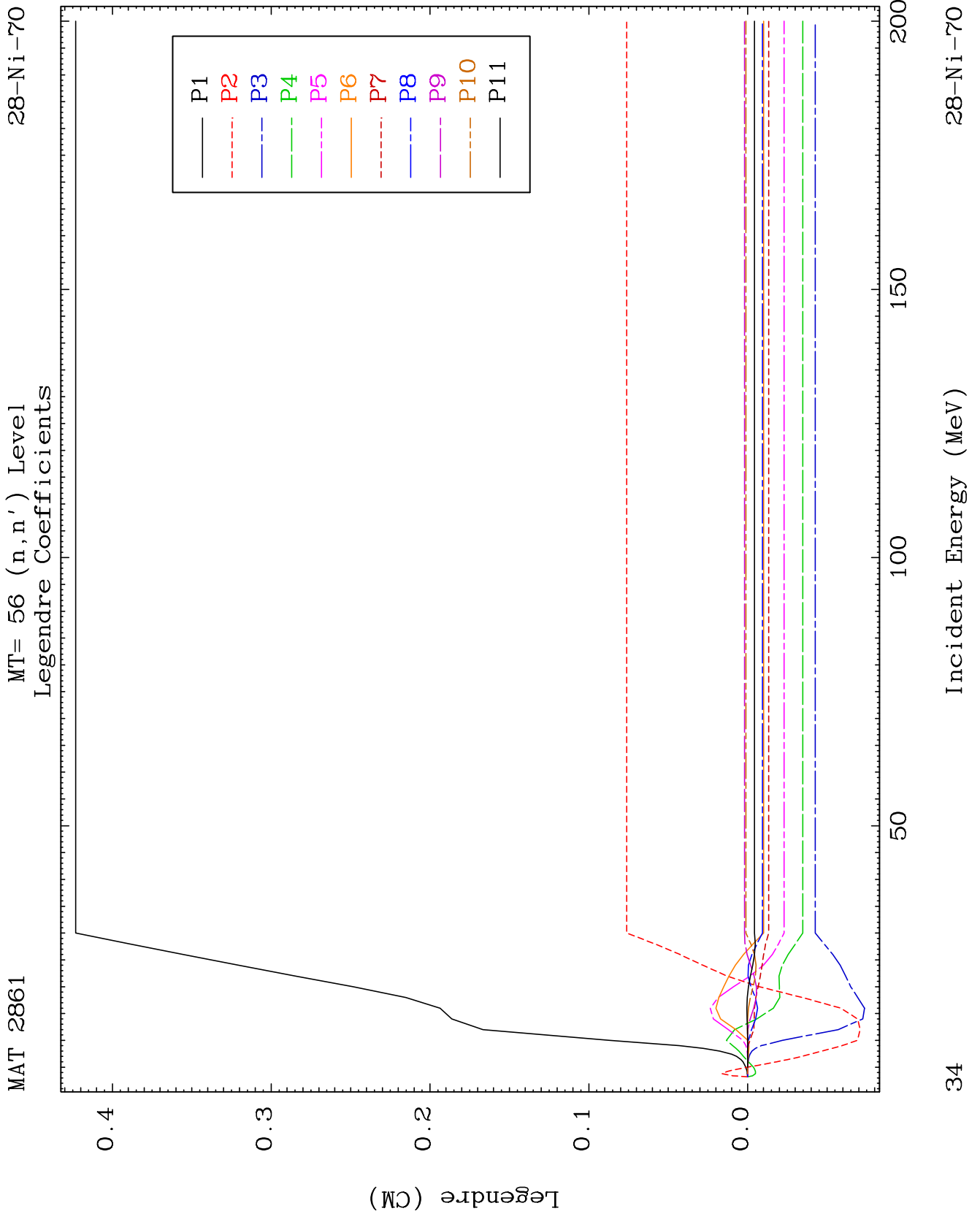


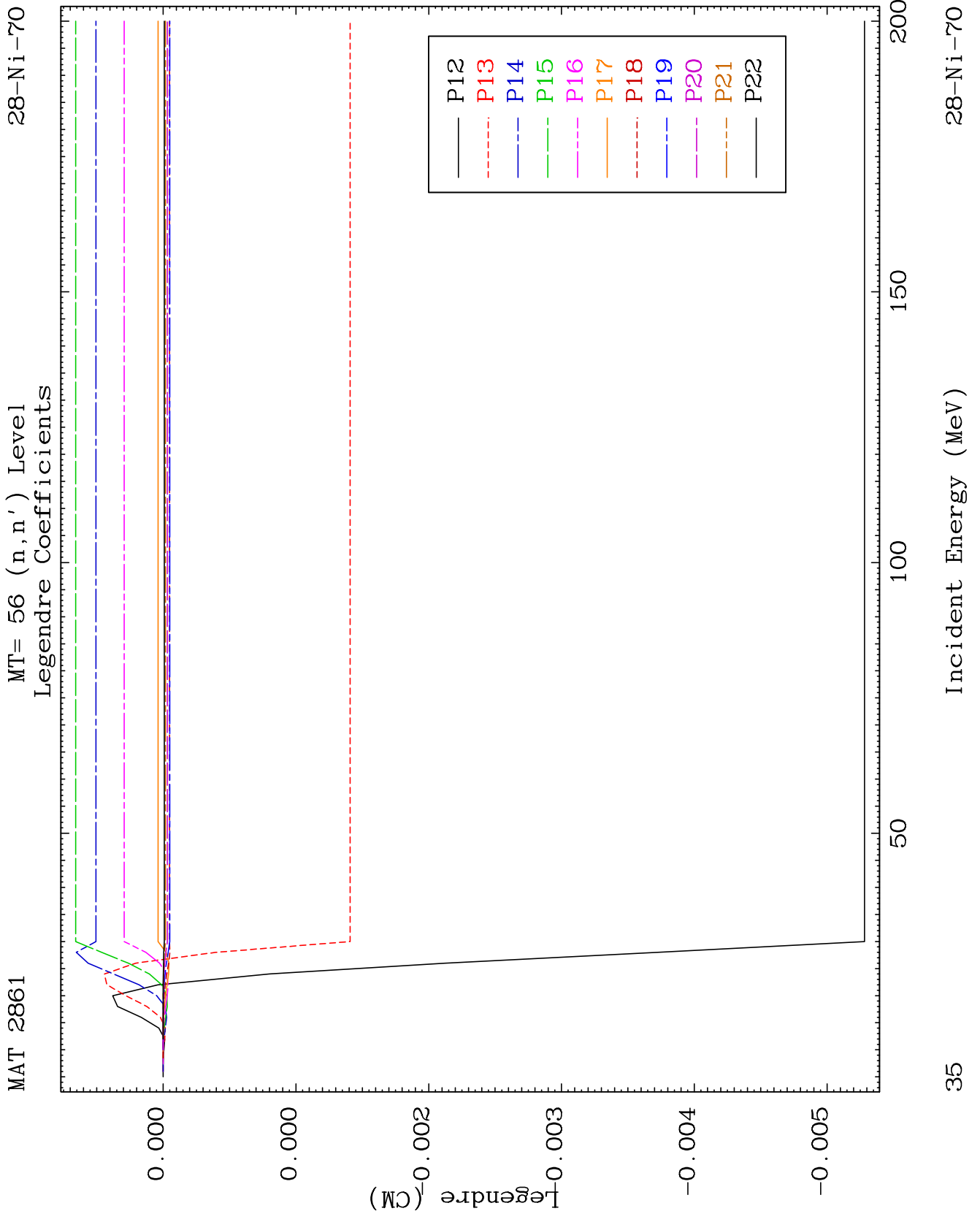
32

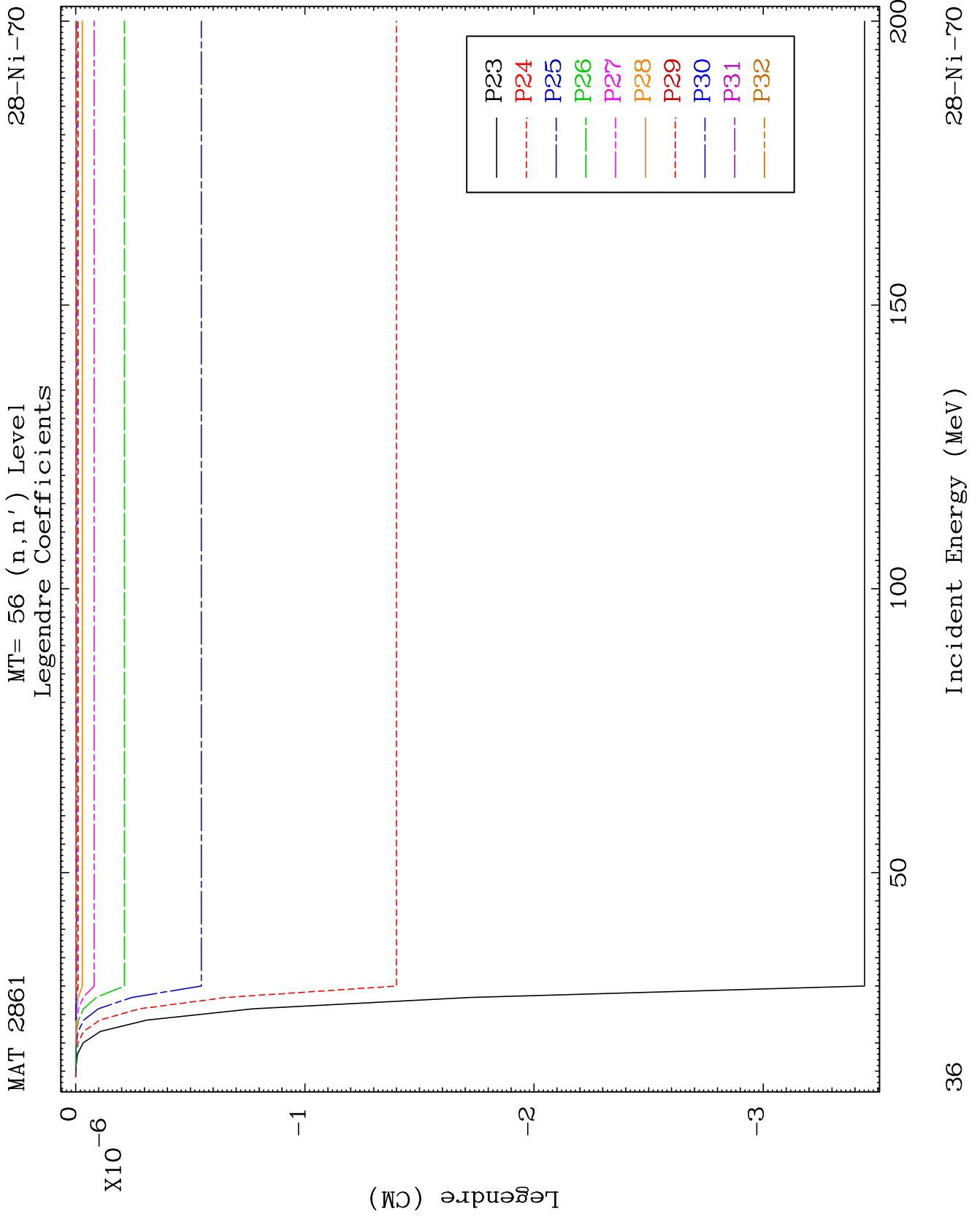
Incident Energy (MeV)

28-Ni-70





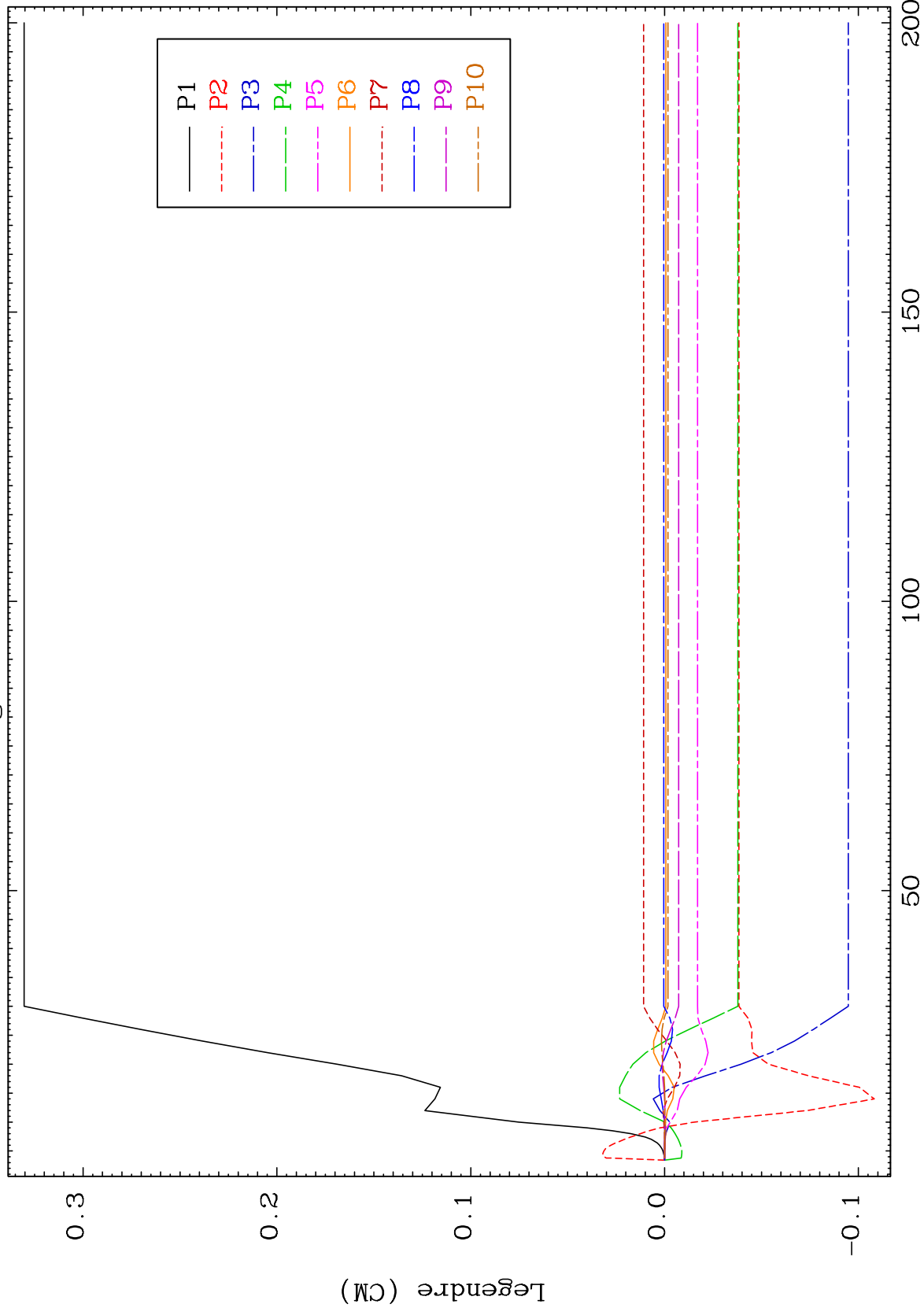




MAT 2861

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

28-Ni-70



37

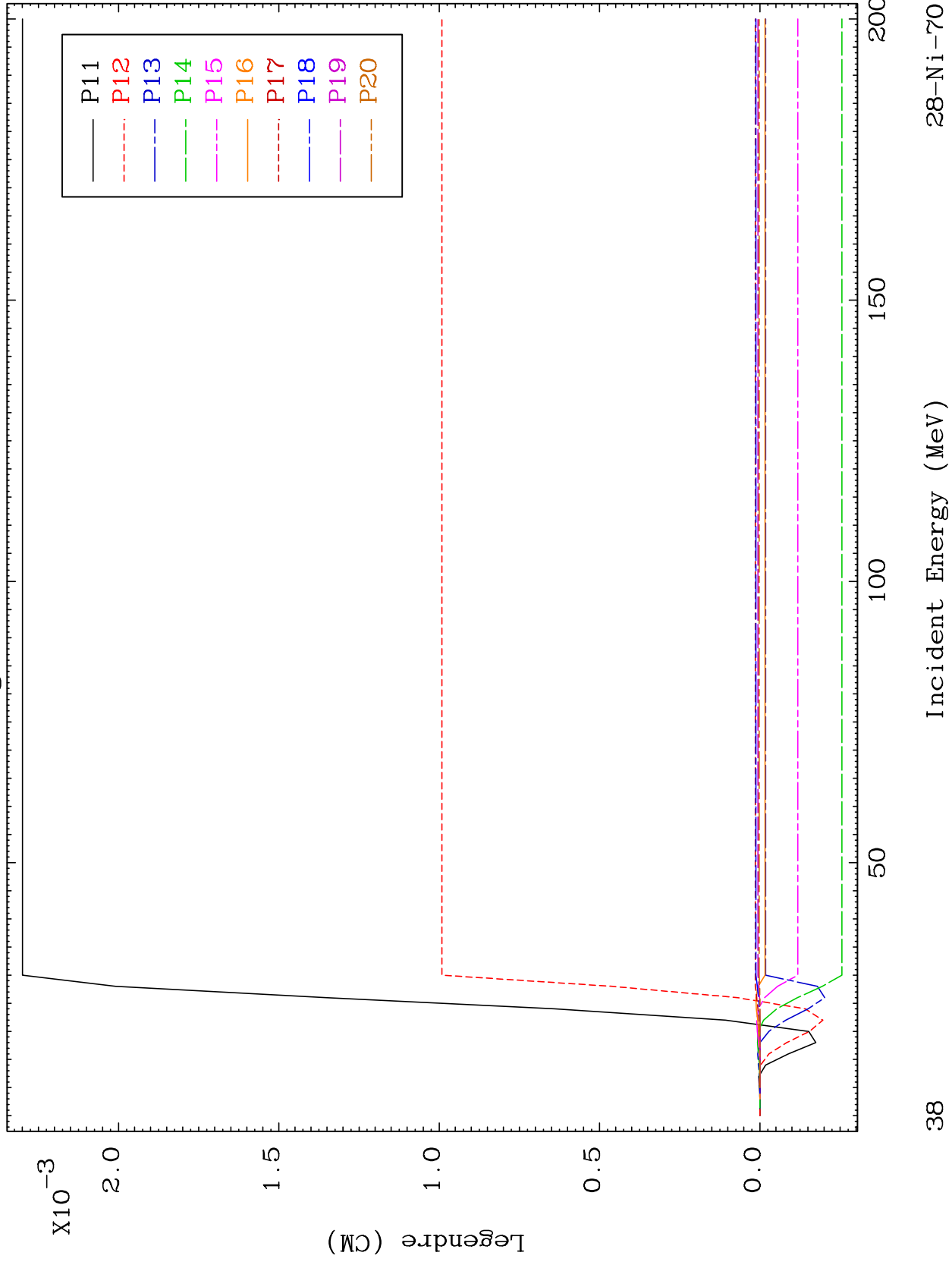
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70

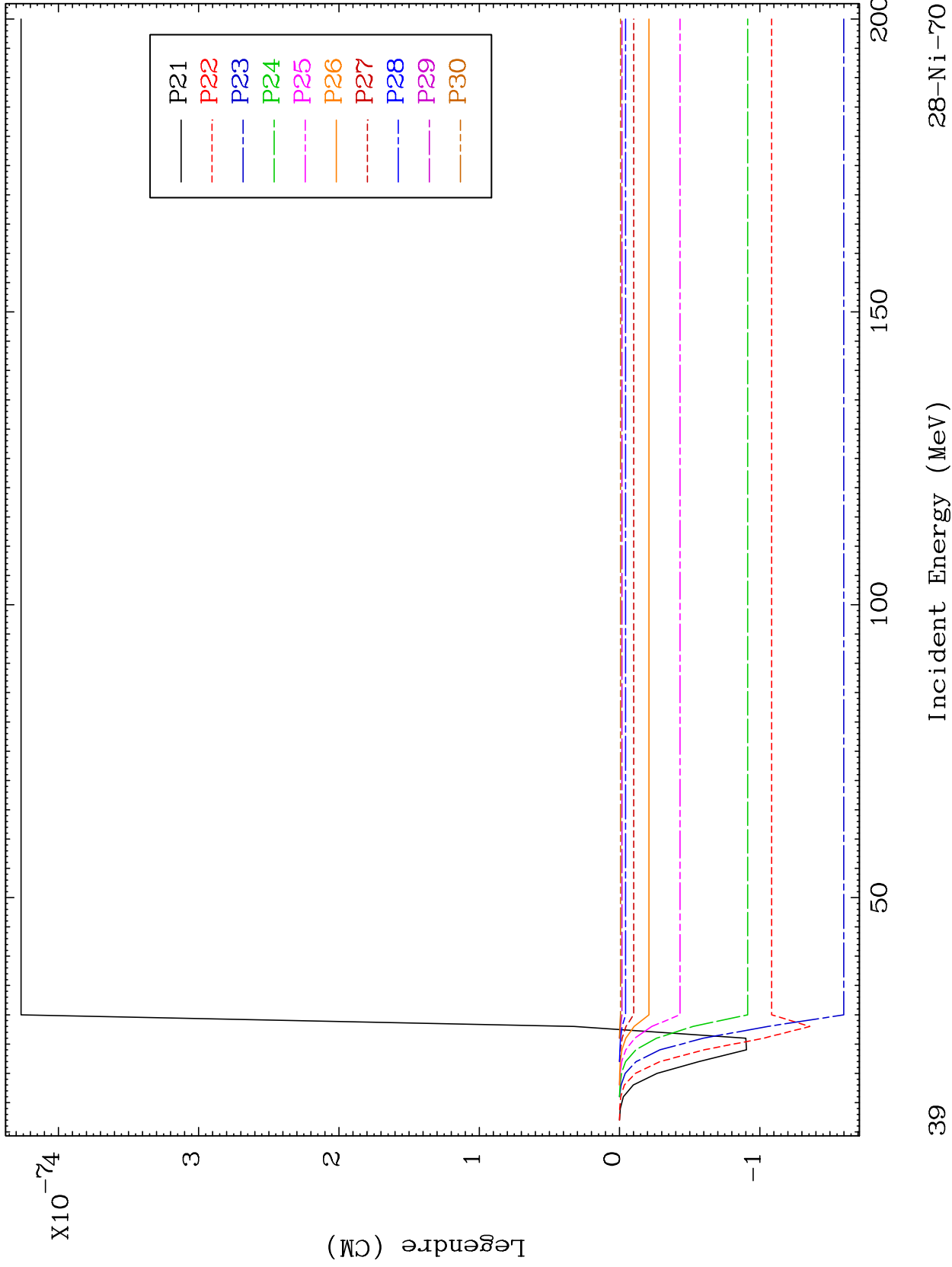


38

MAT 2861

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

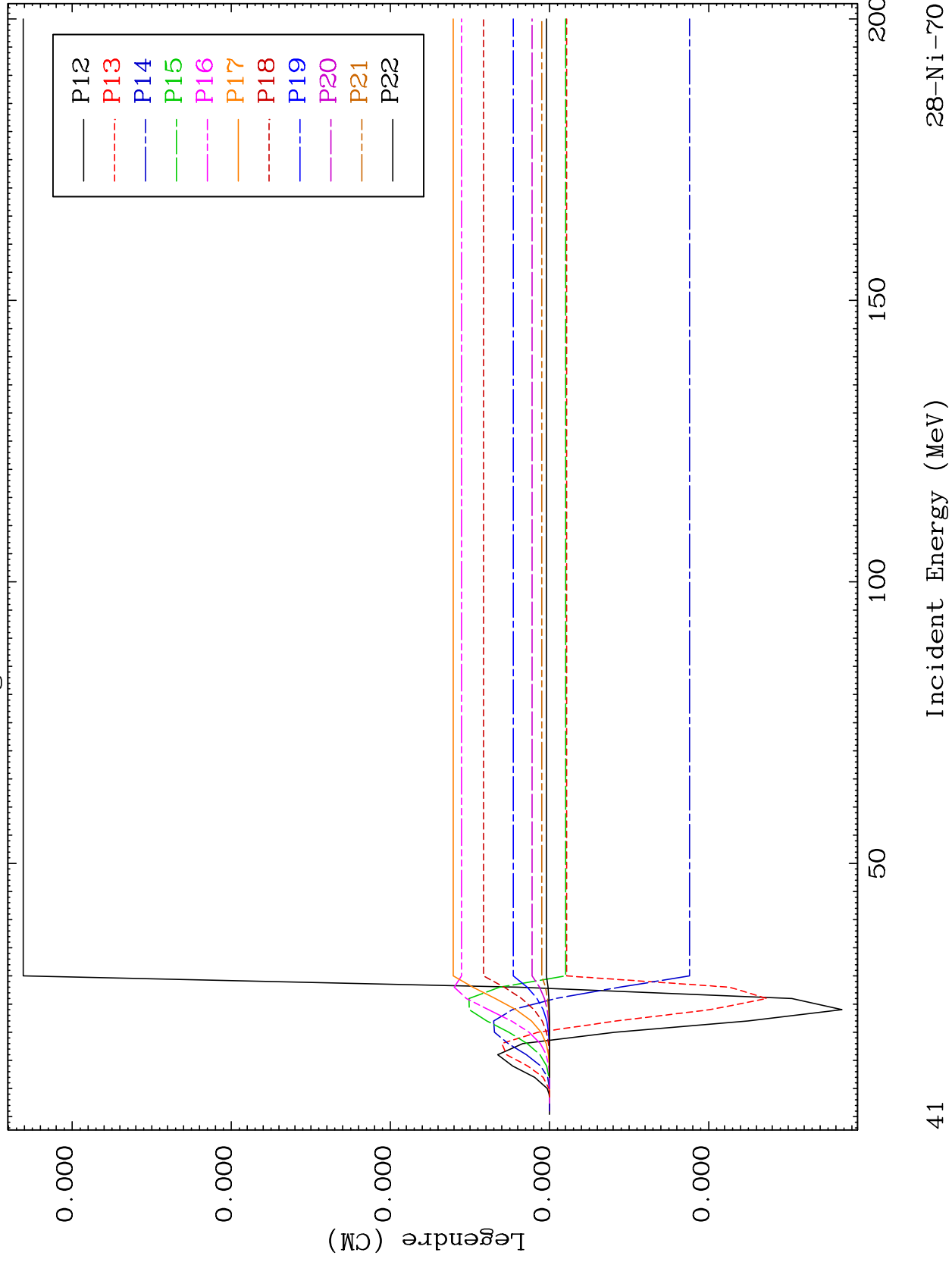
28-Ni-70

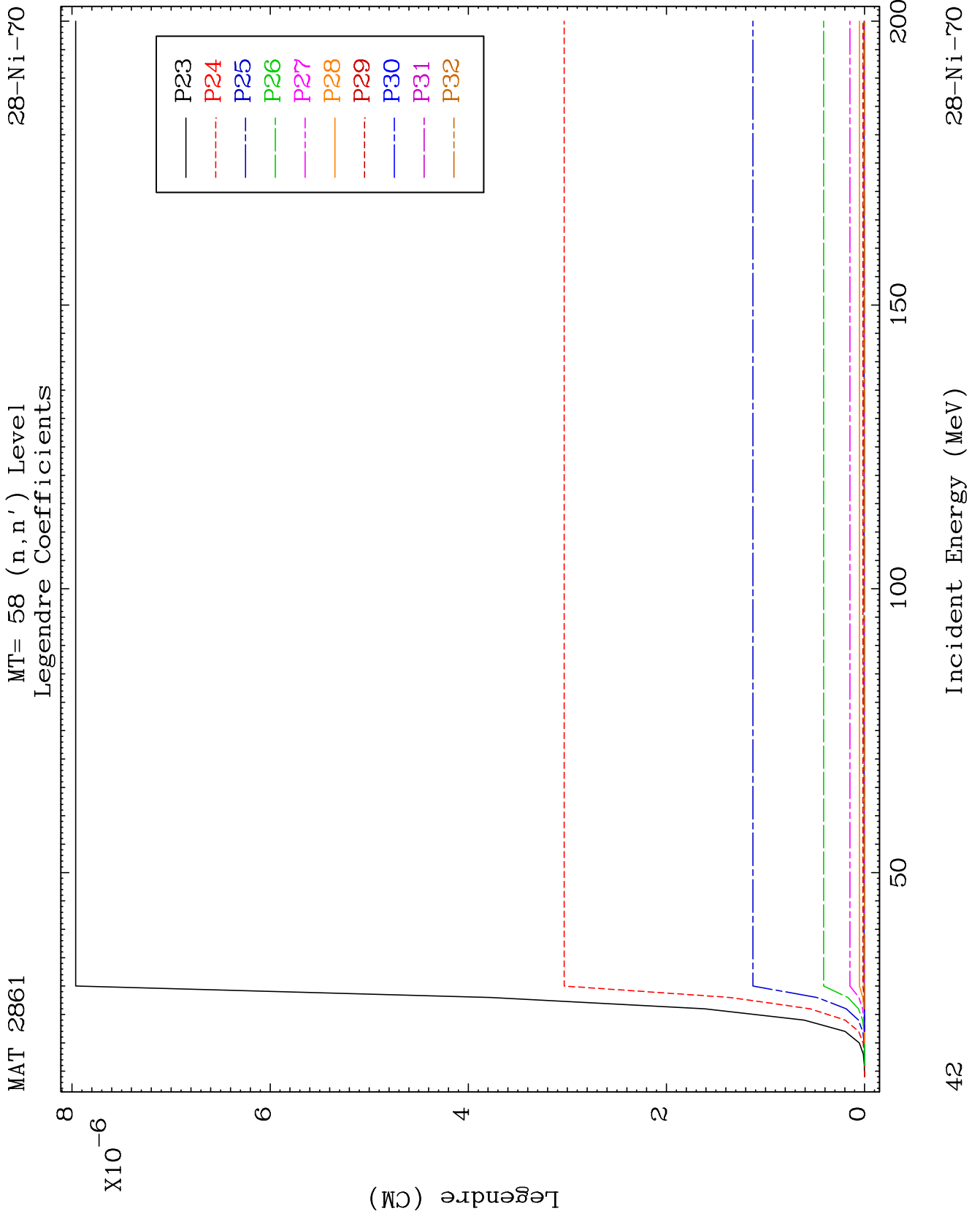


MAT 2861

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

28-Ni-70

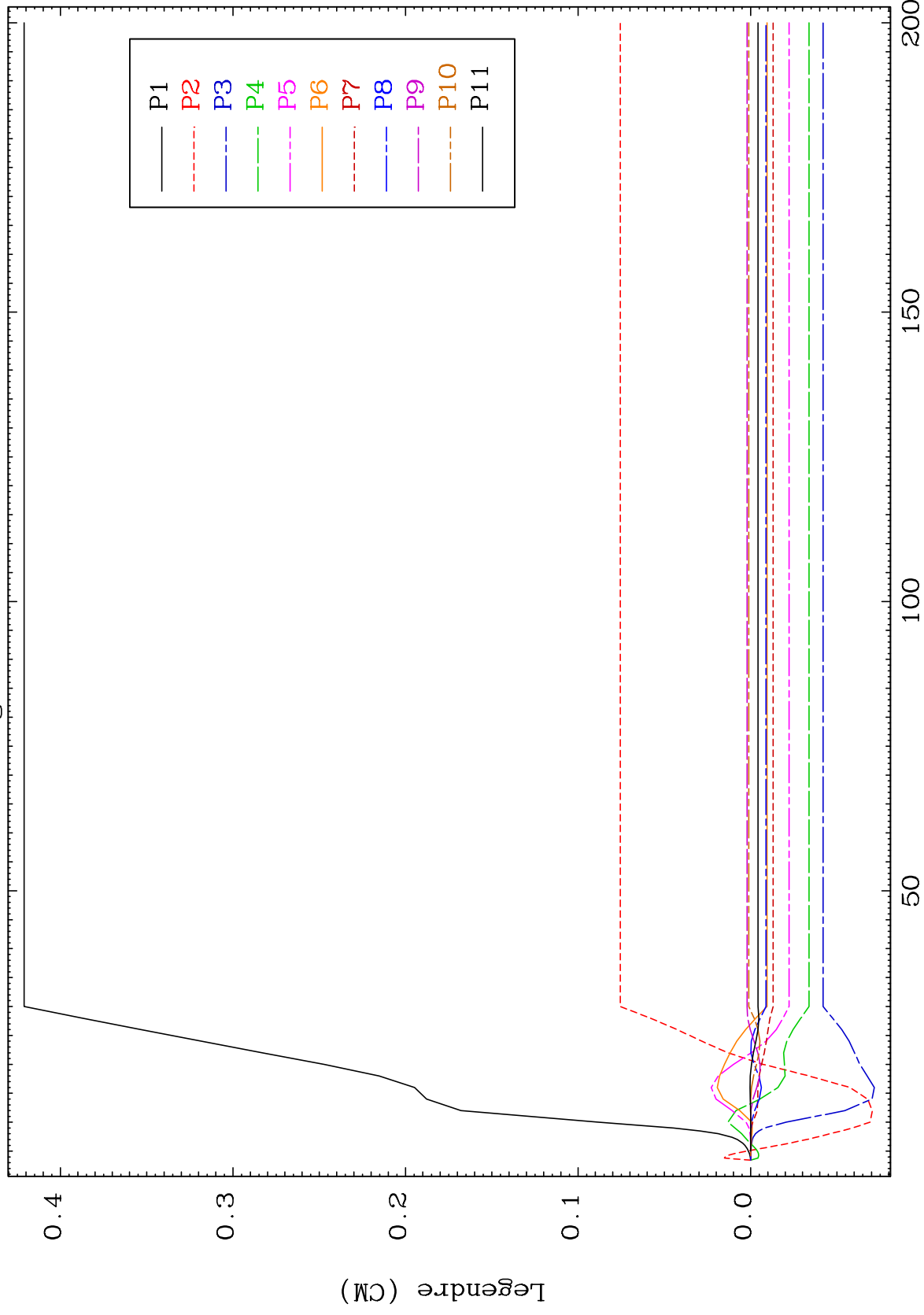




MAT 2861

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

28-Ni-70



43

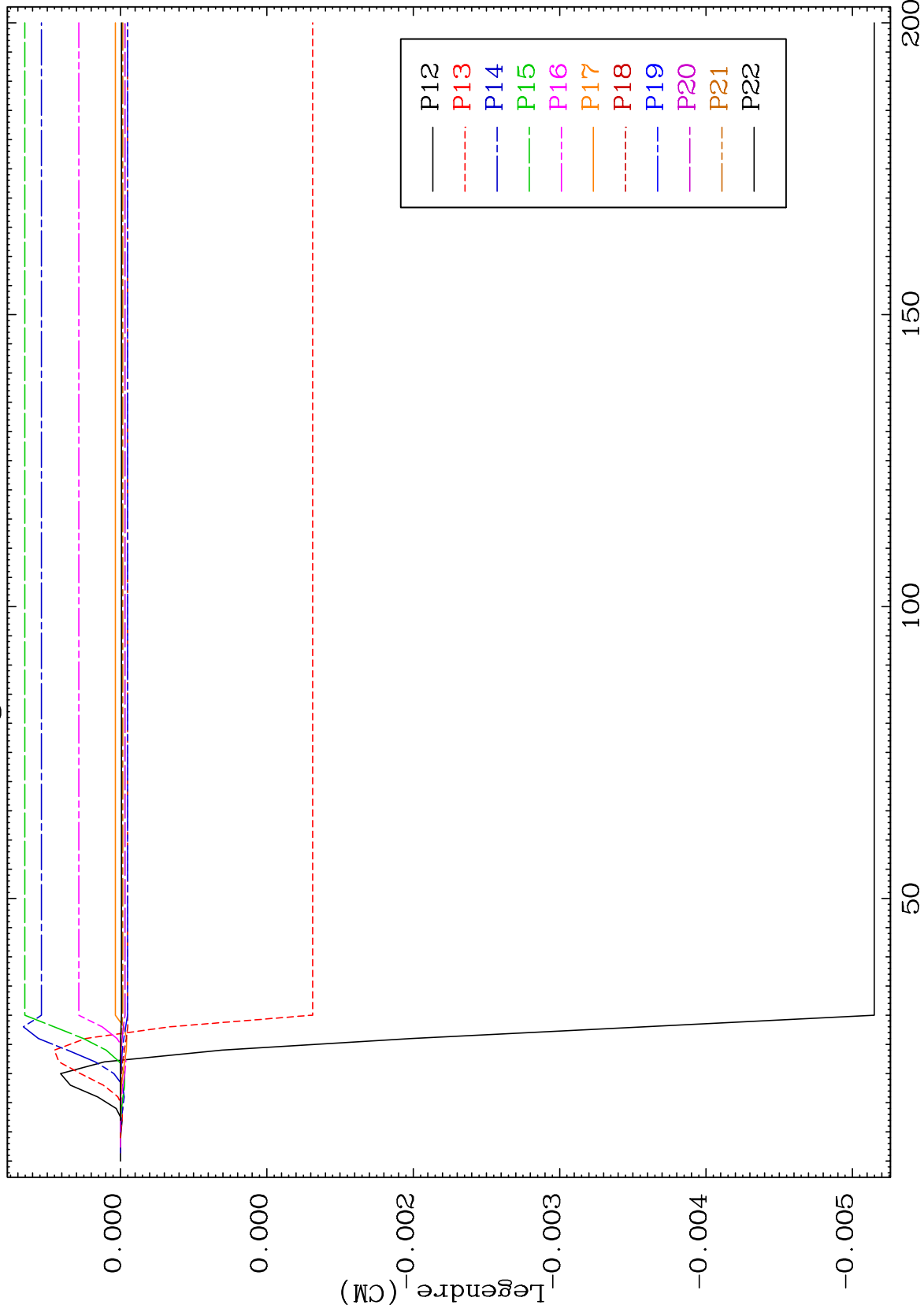
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

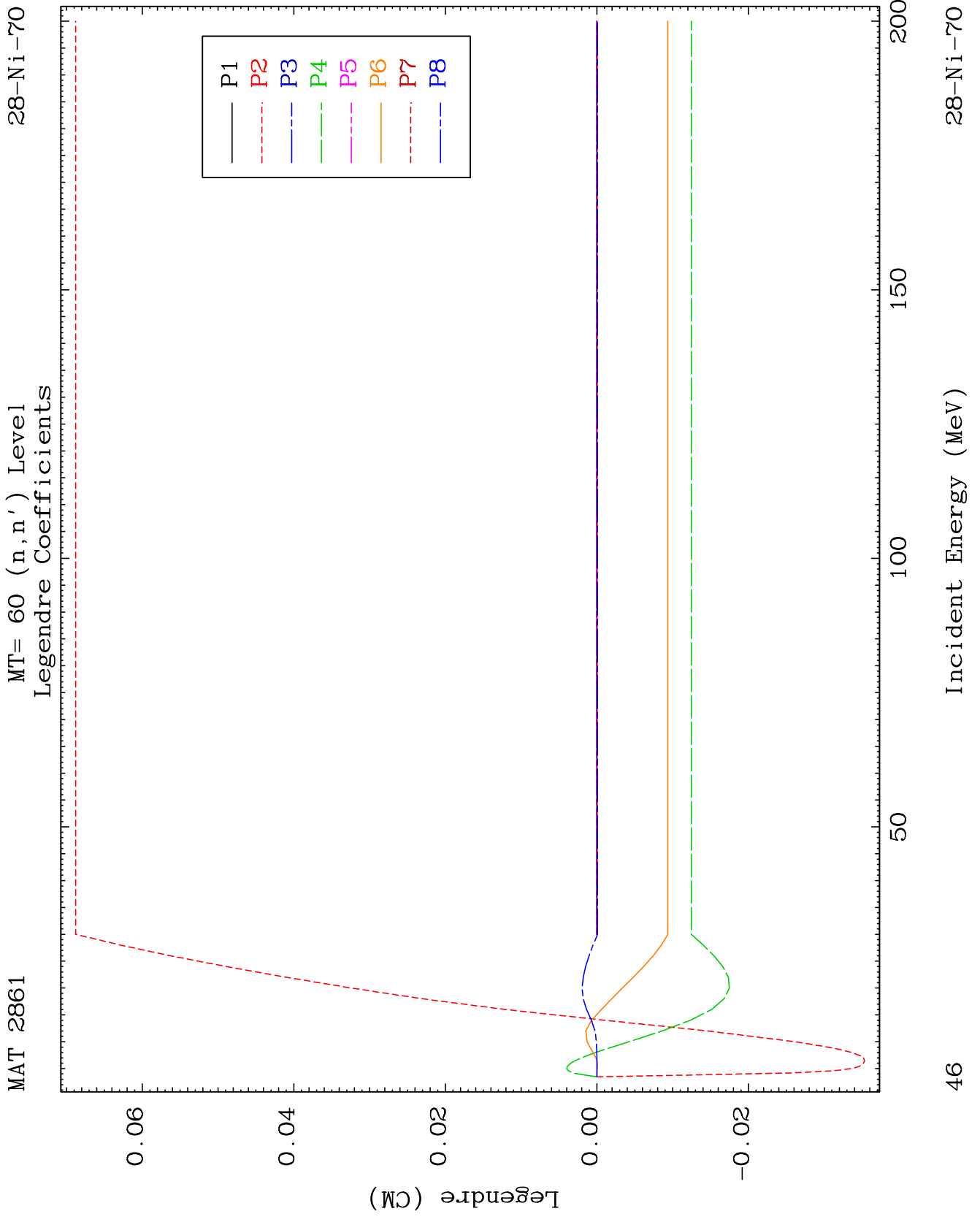
28-Ni-70

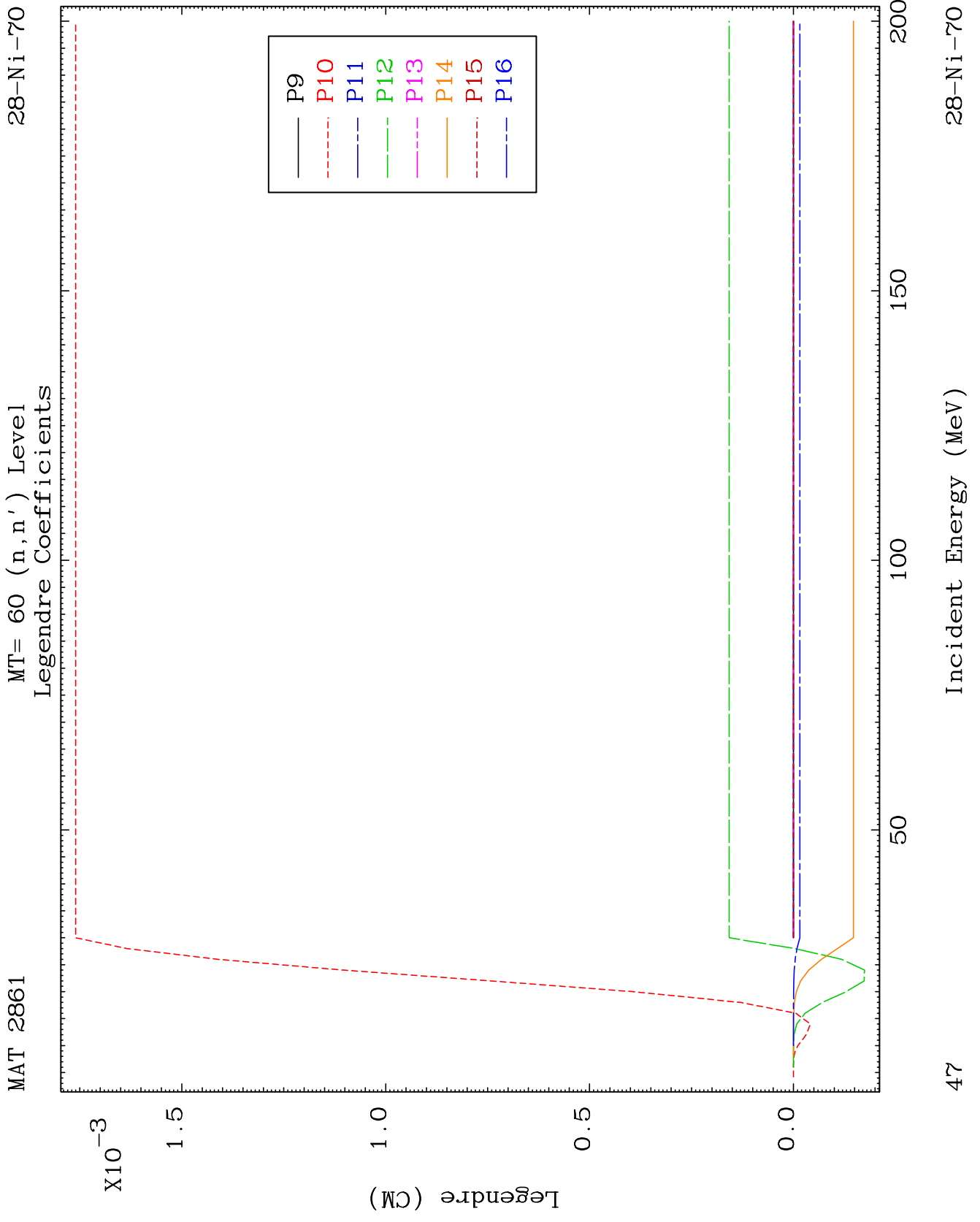


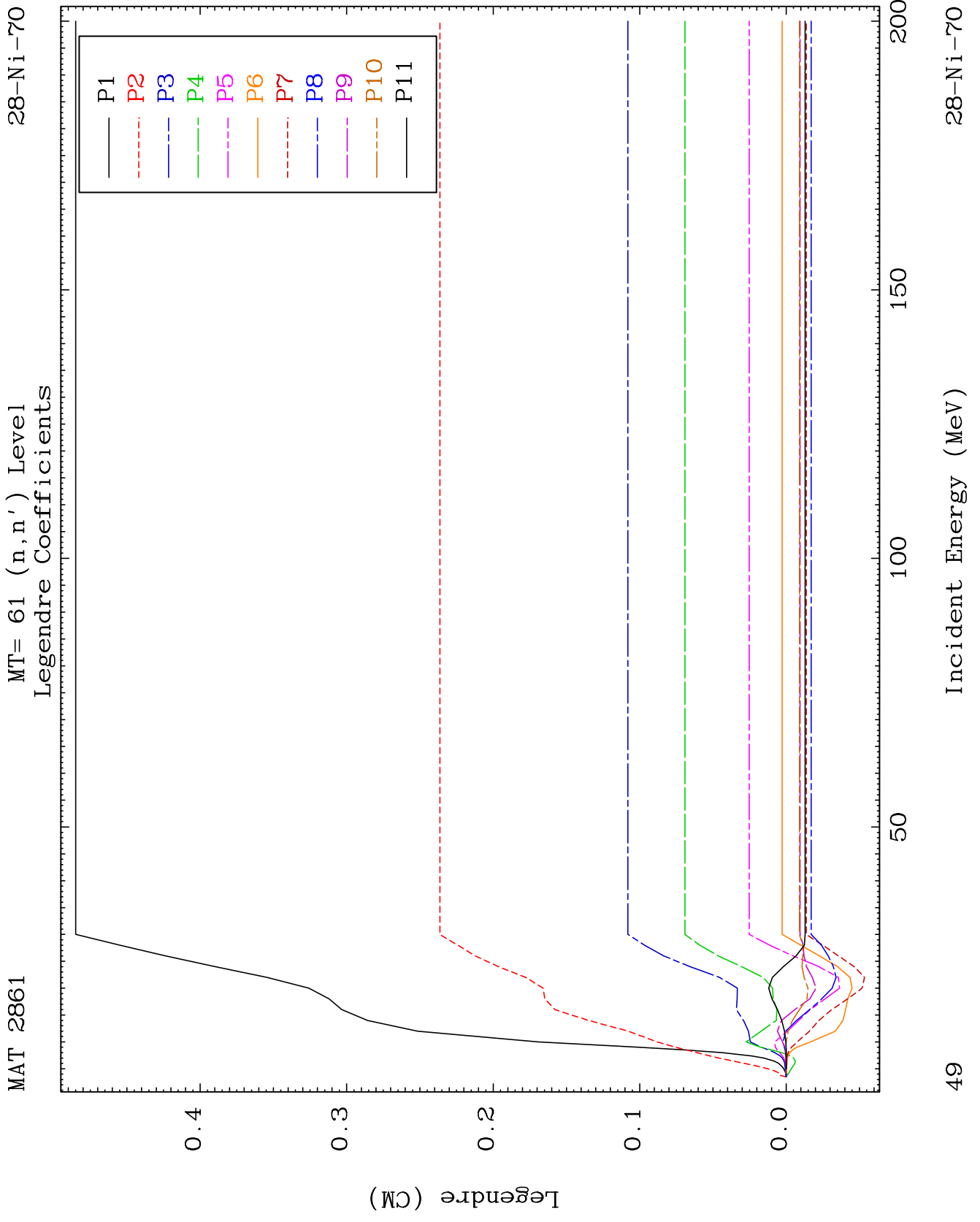
44

Incident Energy (MeV)

28-Ni-70



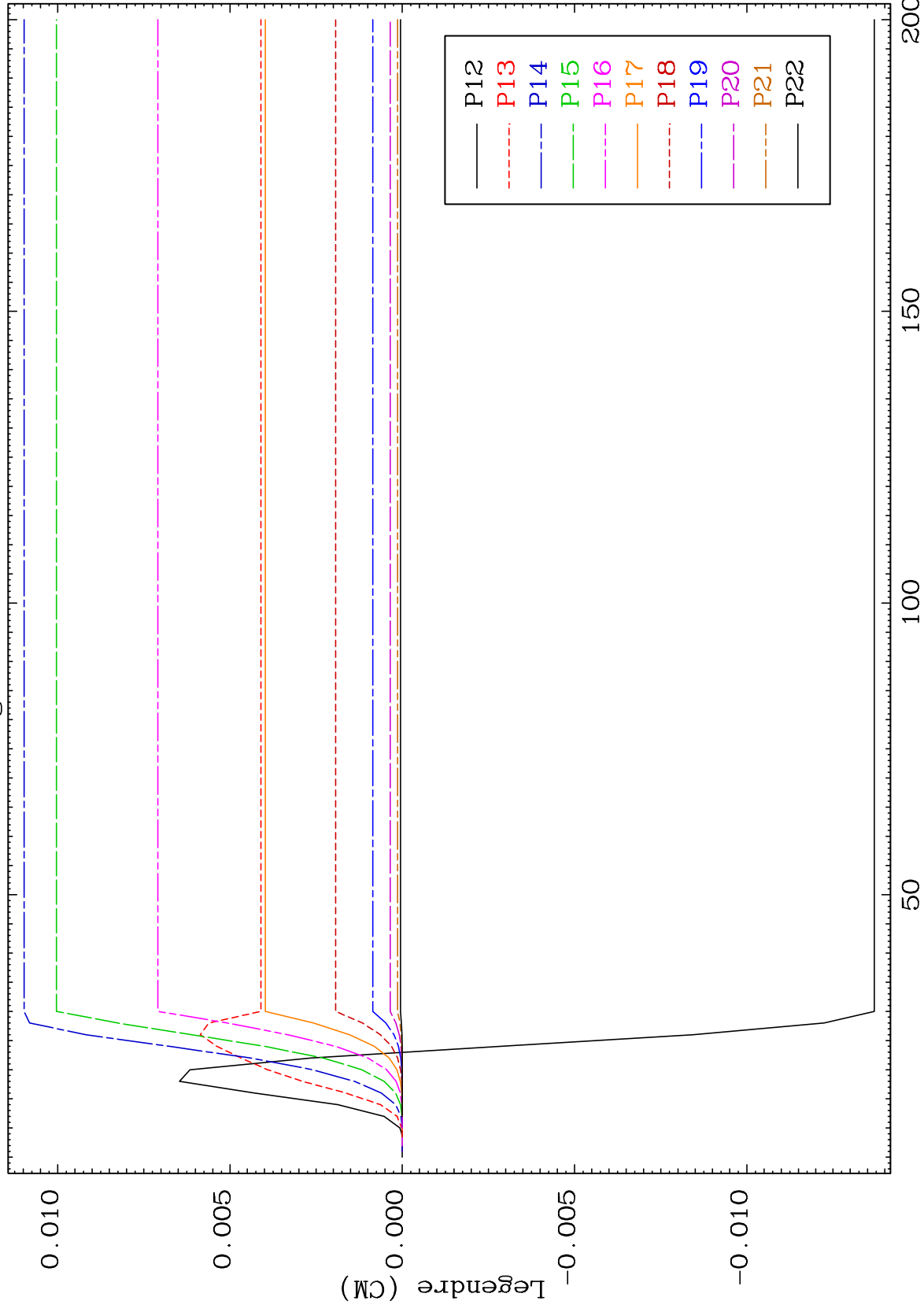




MAT 2861

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

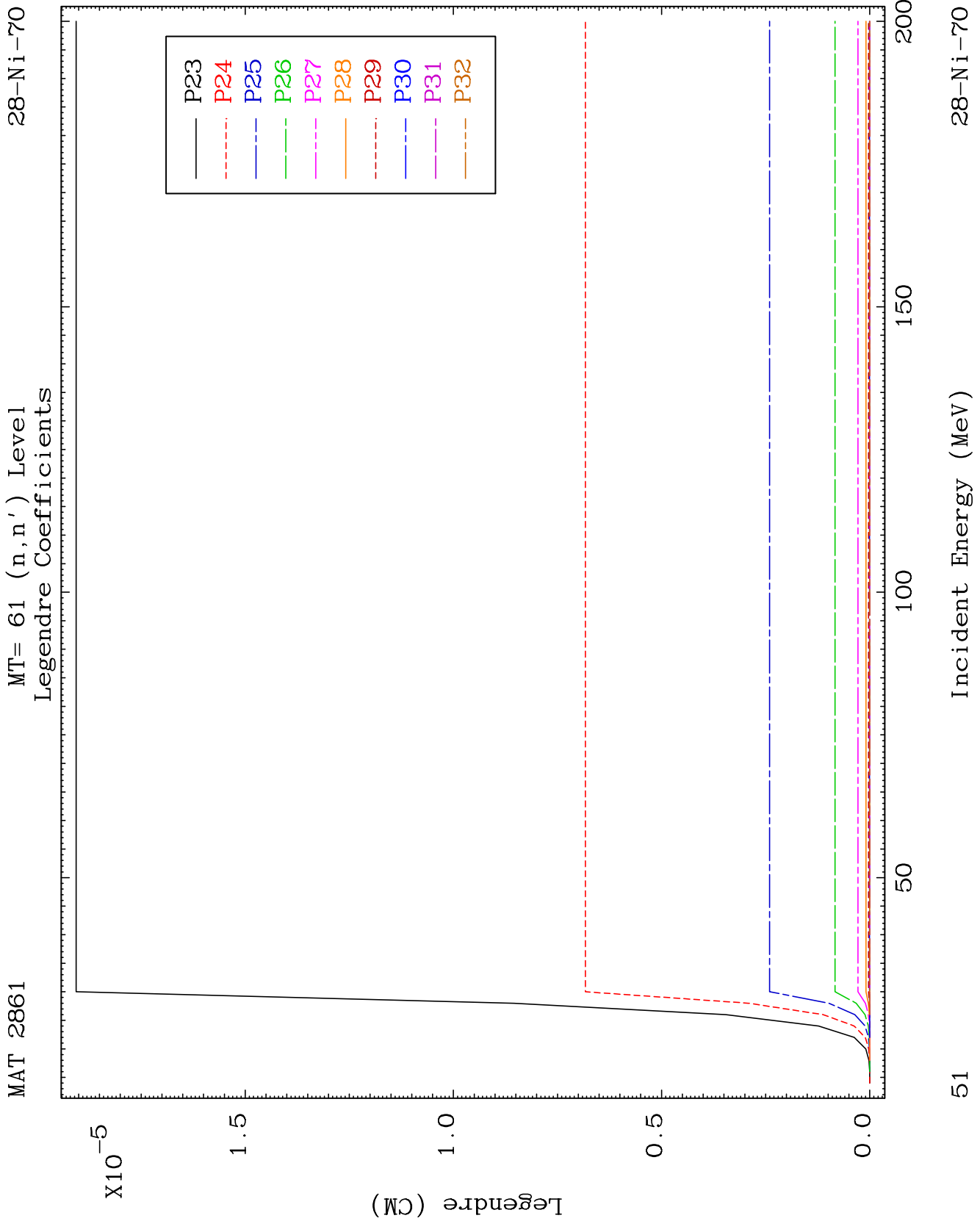
28-Ni-70



50

Incident Energy (MeV)

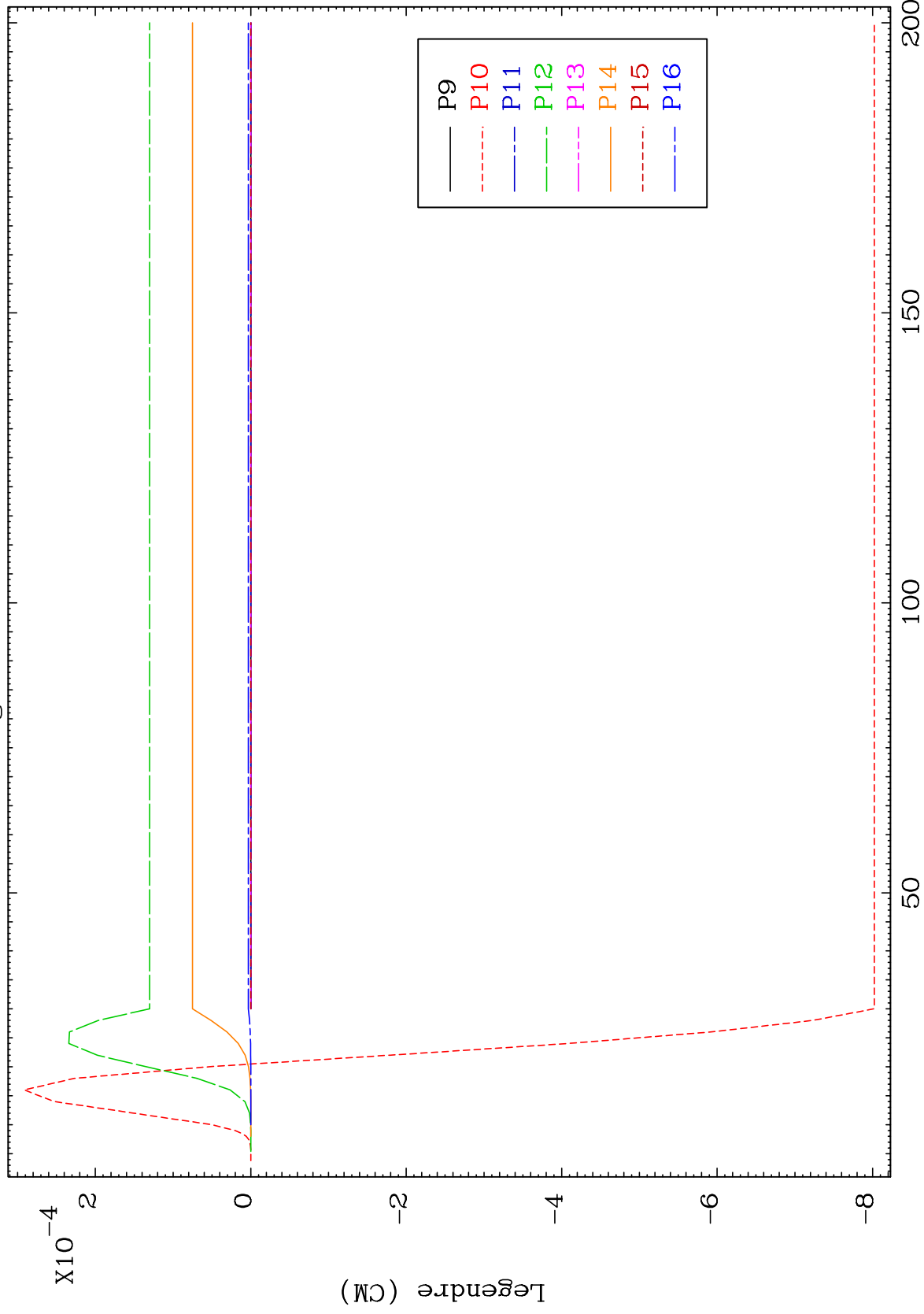
28-Ni-70



MAT 2861

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

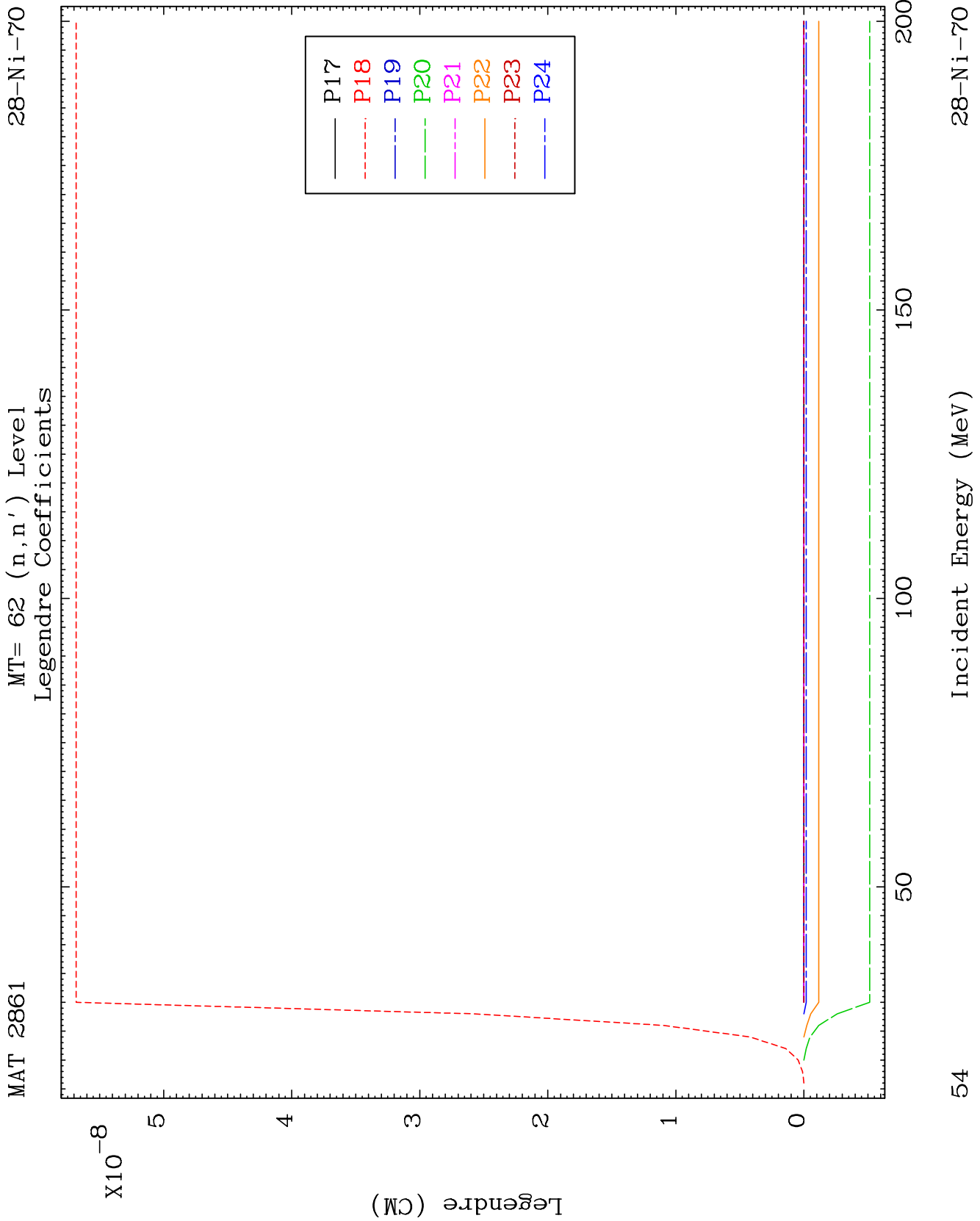
28-Ni-70



53

Incident Energy (MeV)

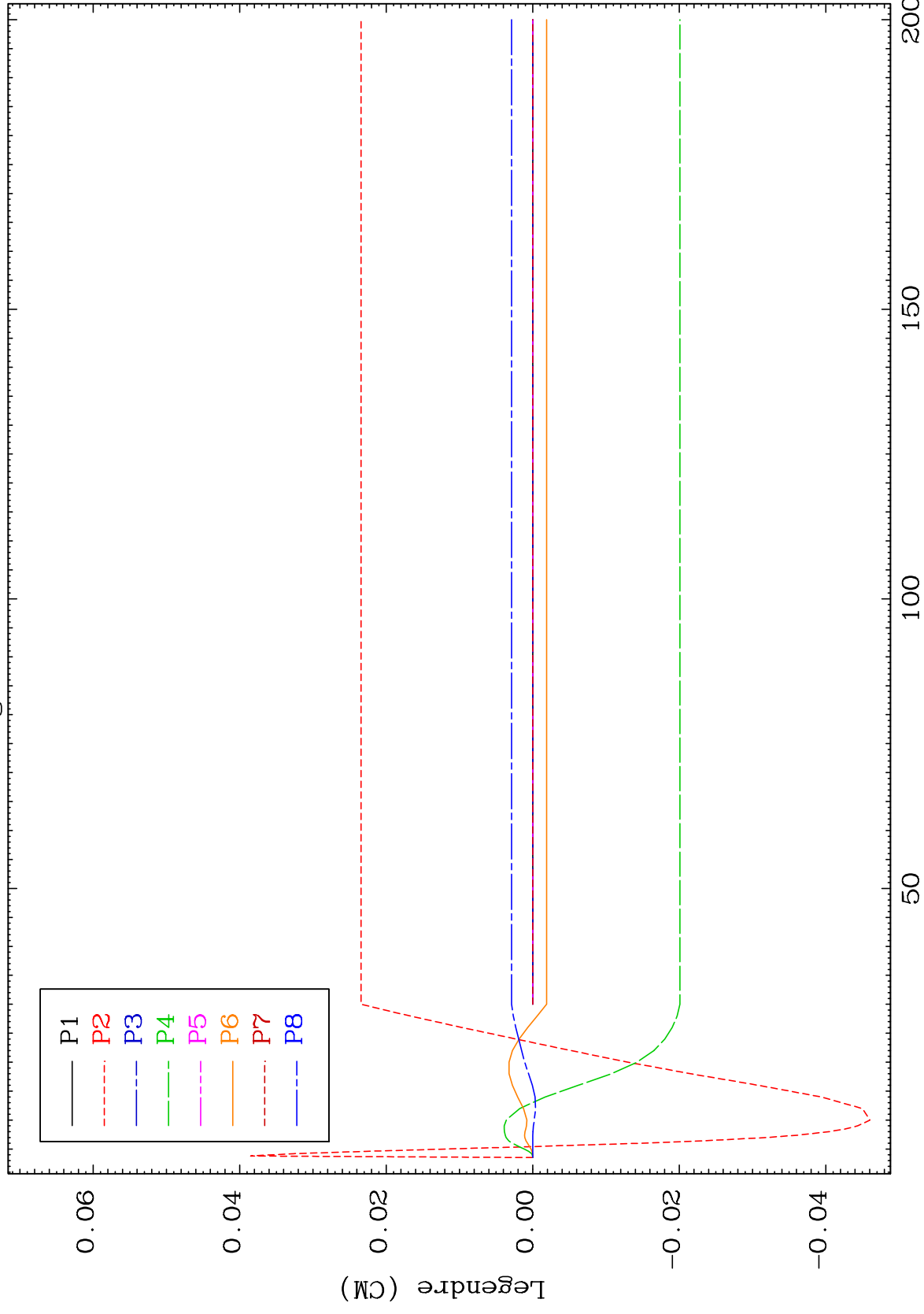
28-Ni-70



MAT 2861

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

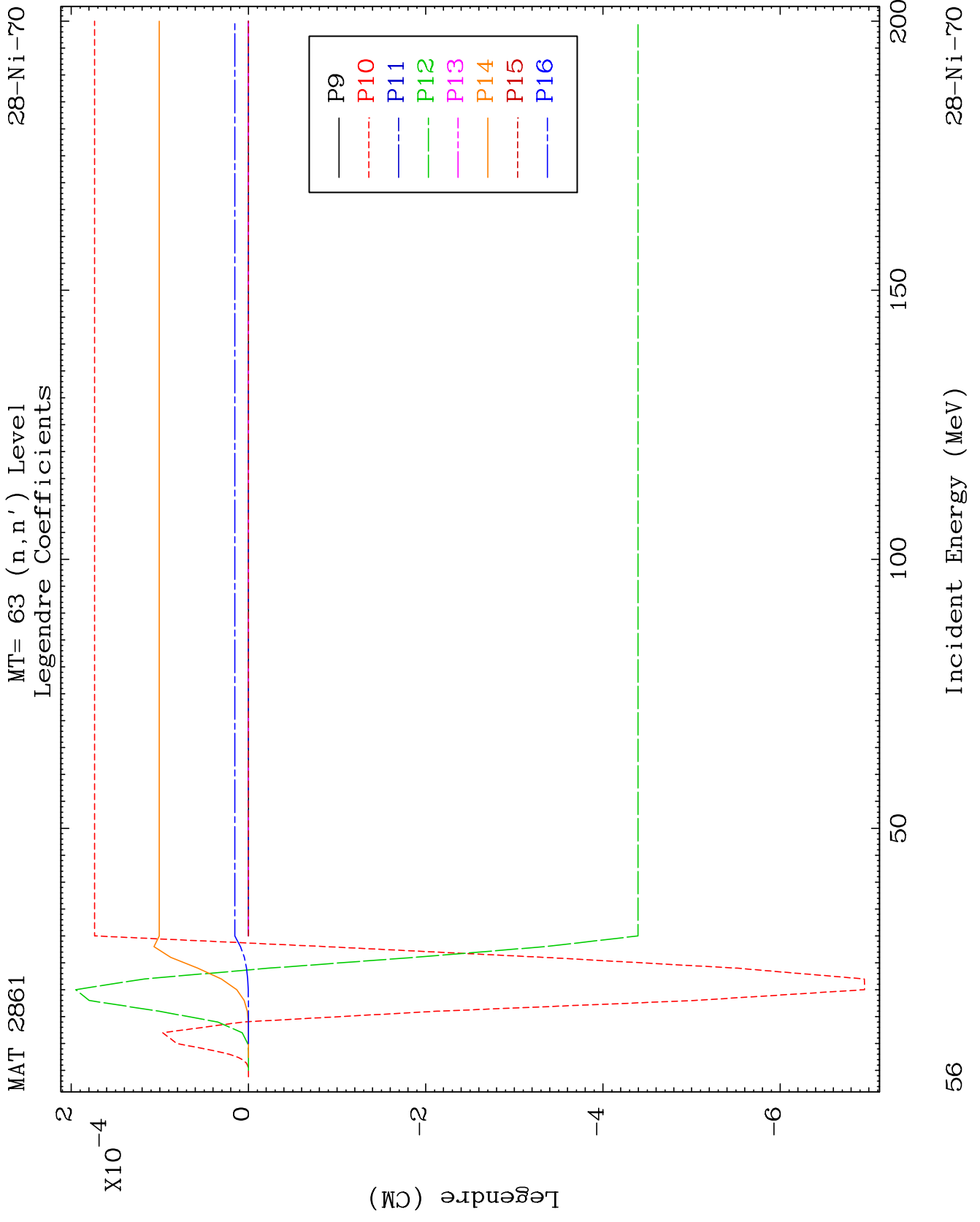
28-Ni-70

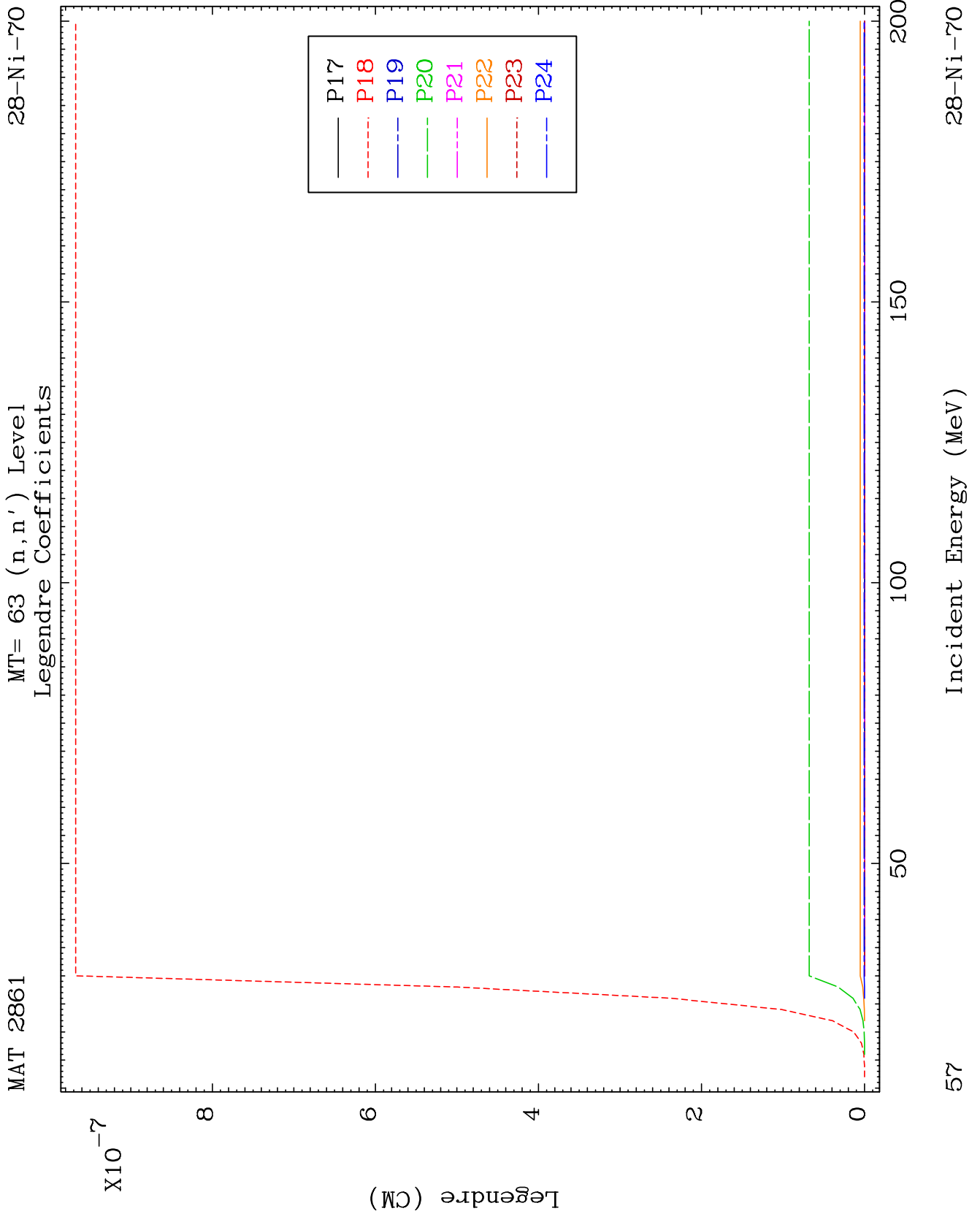


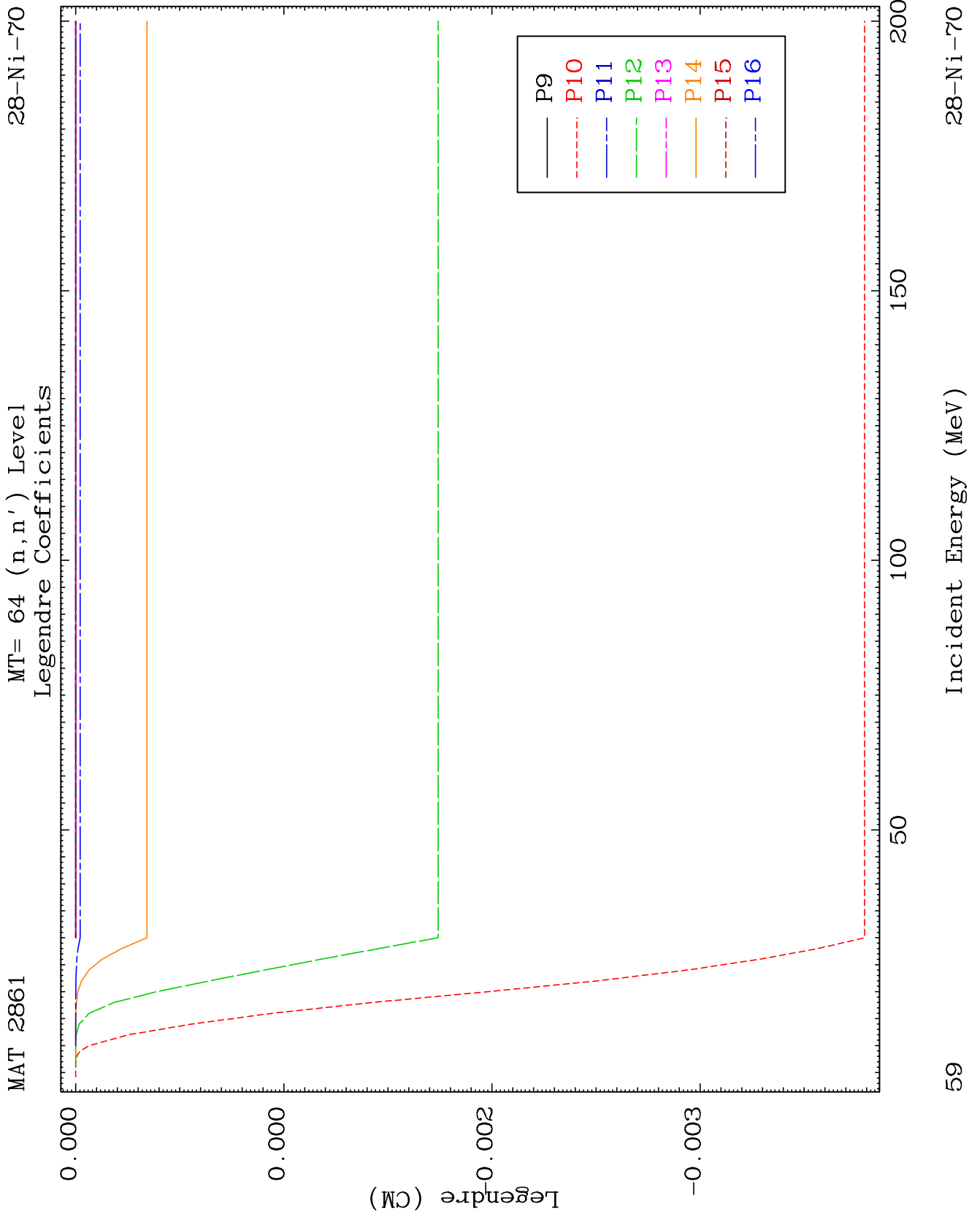
55

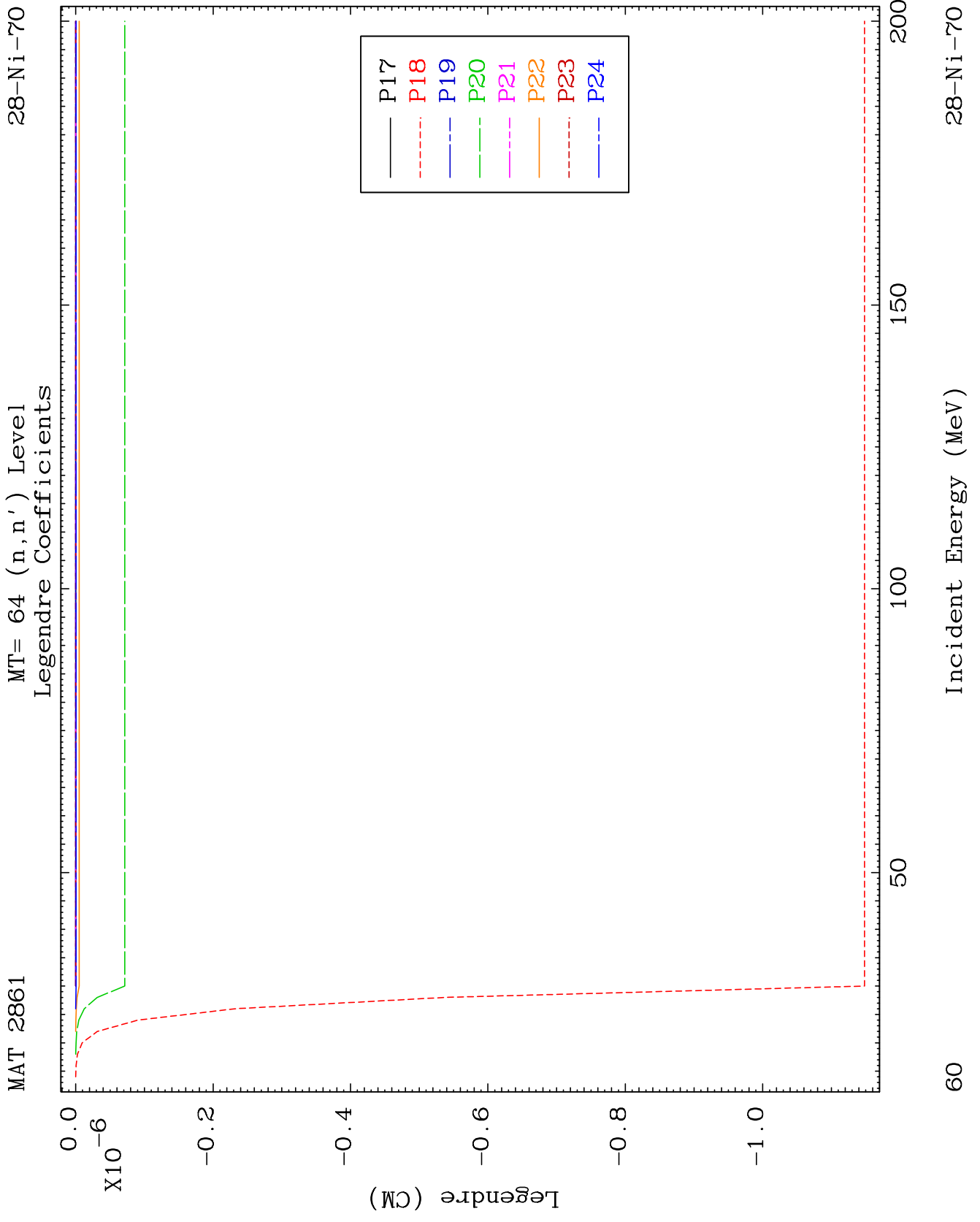
Incident Energy (MeV)

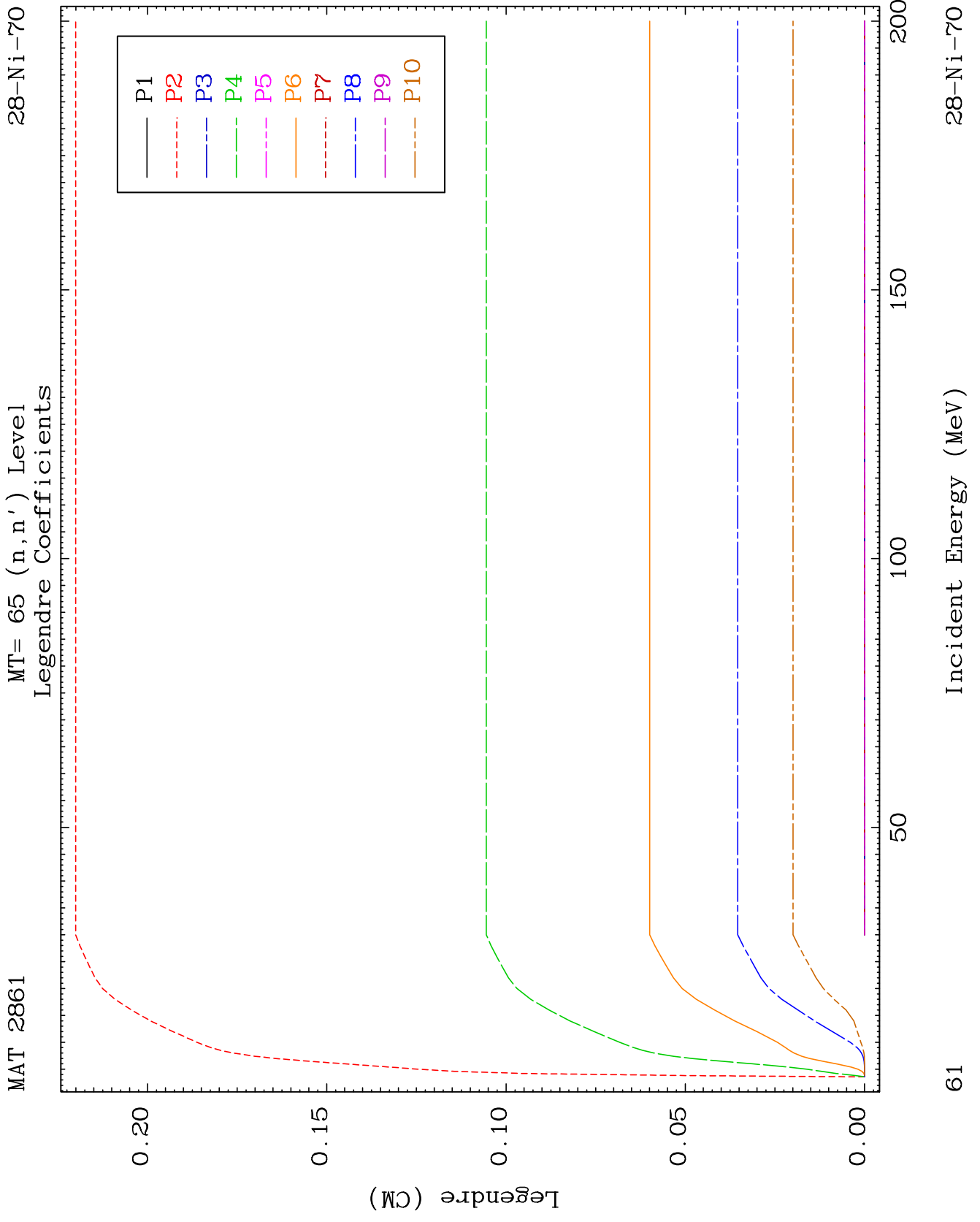
28-Ni-70

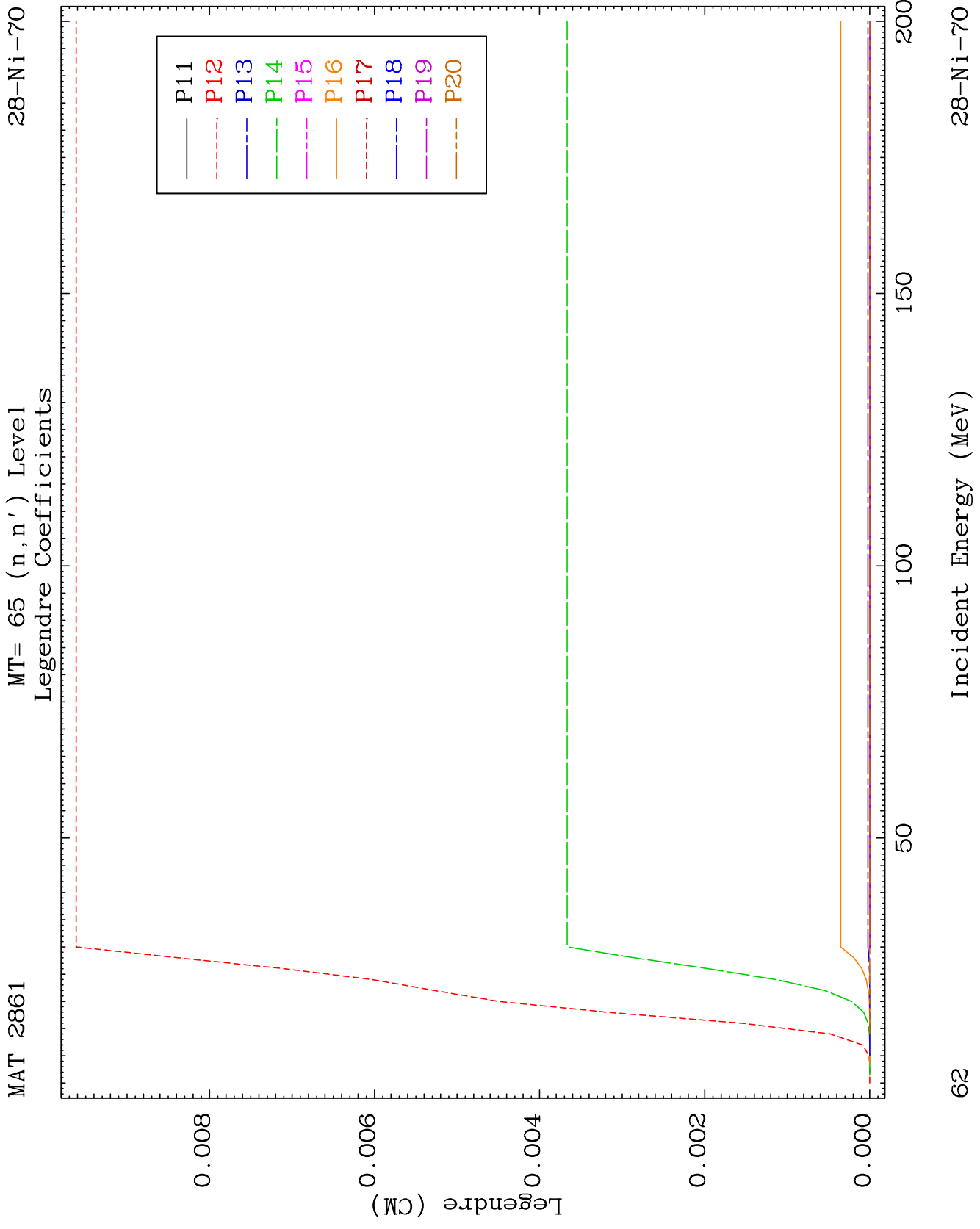


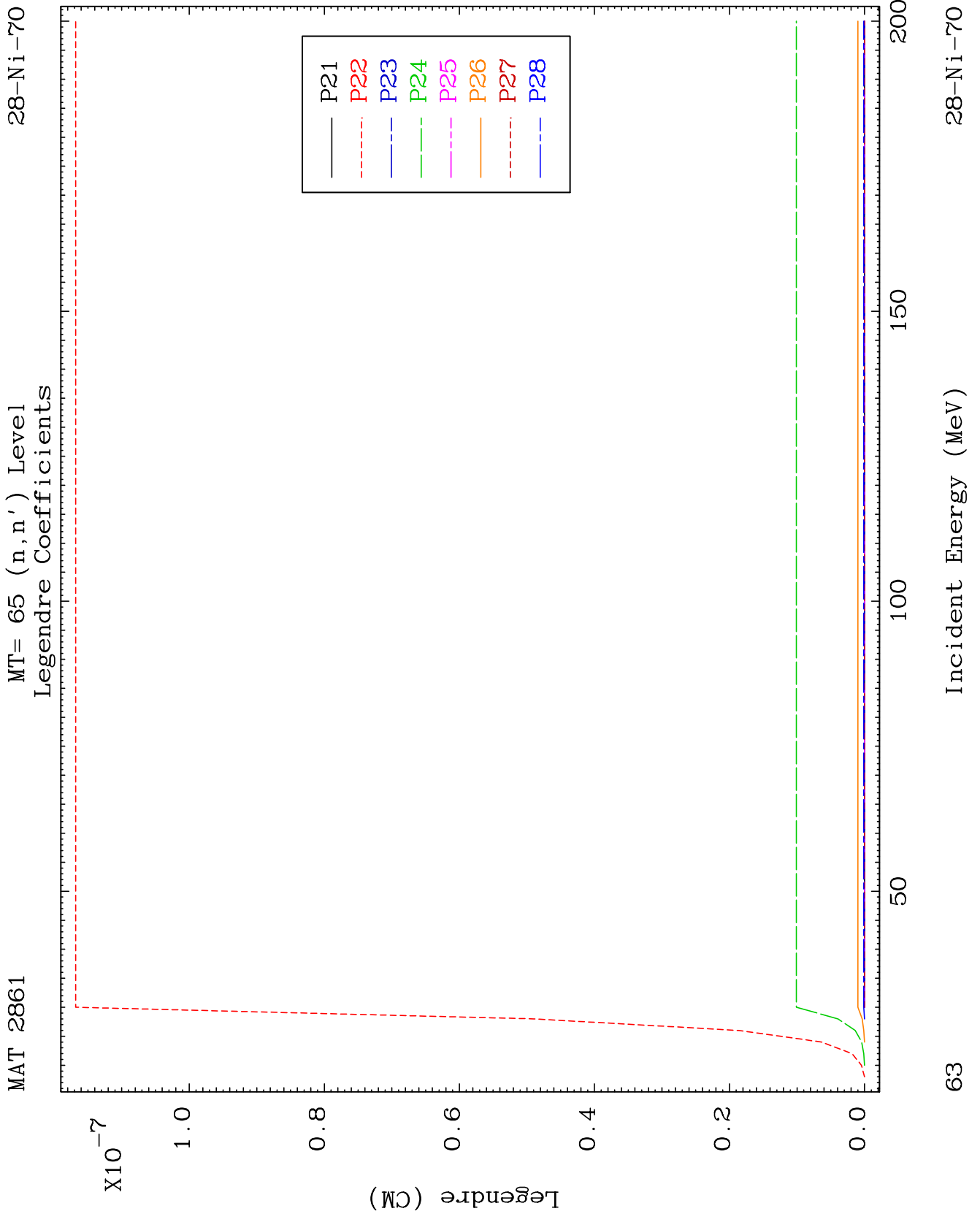


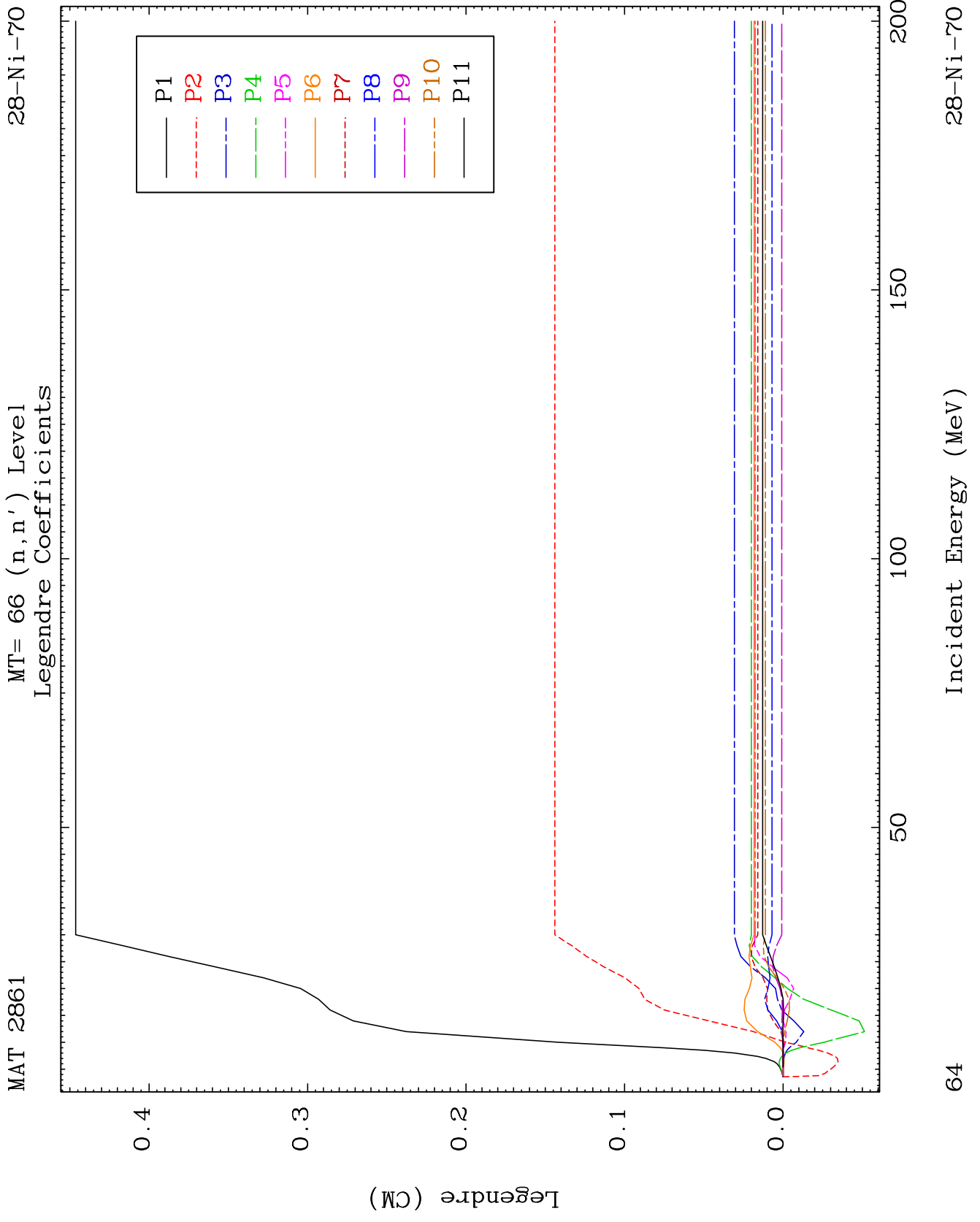








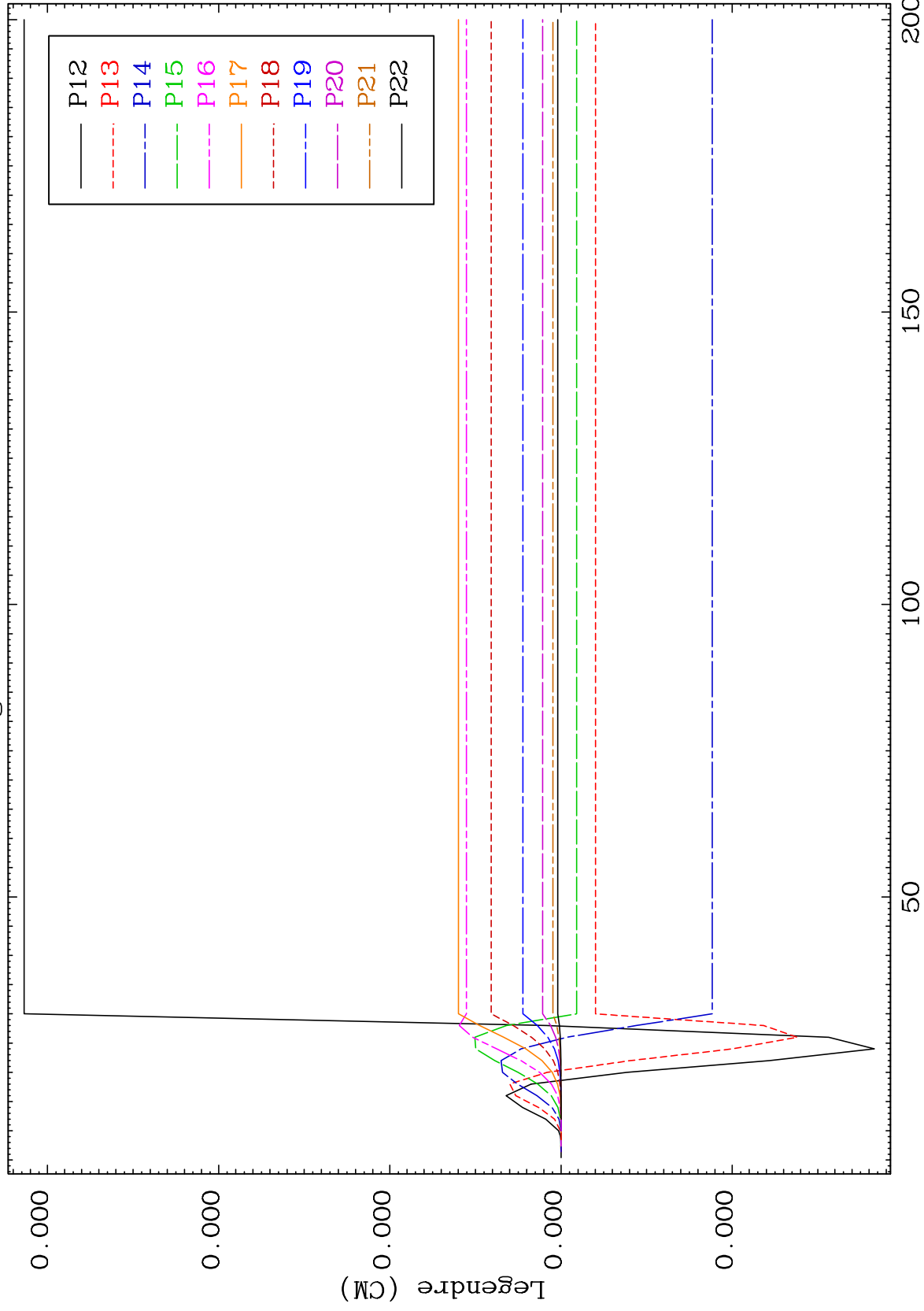




MAT 2861

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

28-Ni-70



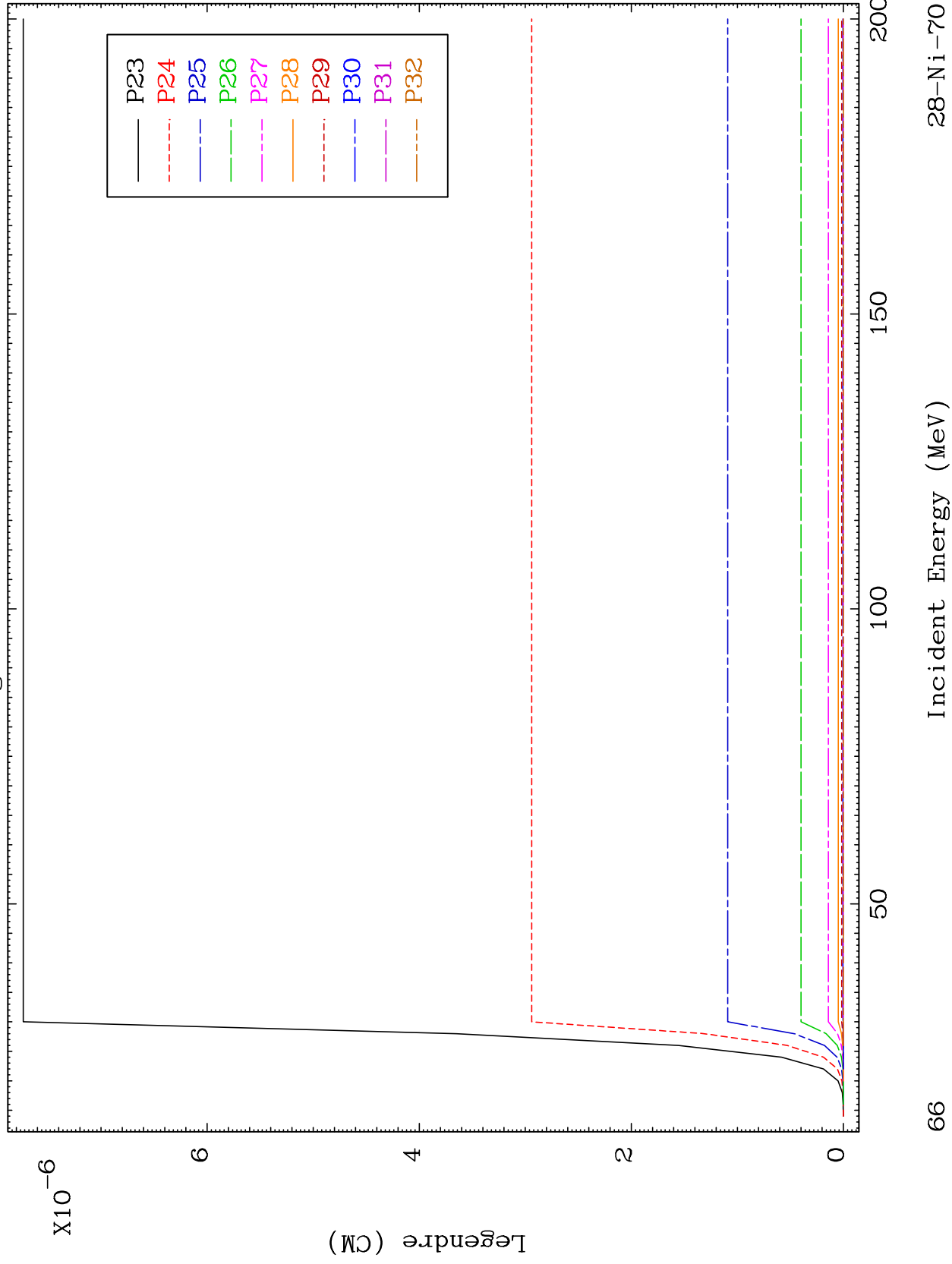
65

28-Ni-70

MAT 2861

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

28-Ni-70



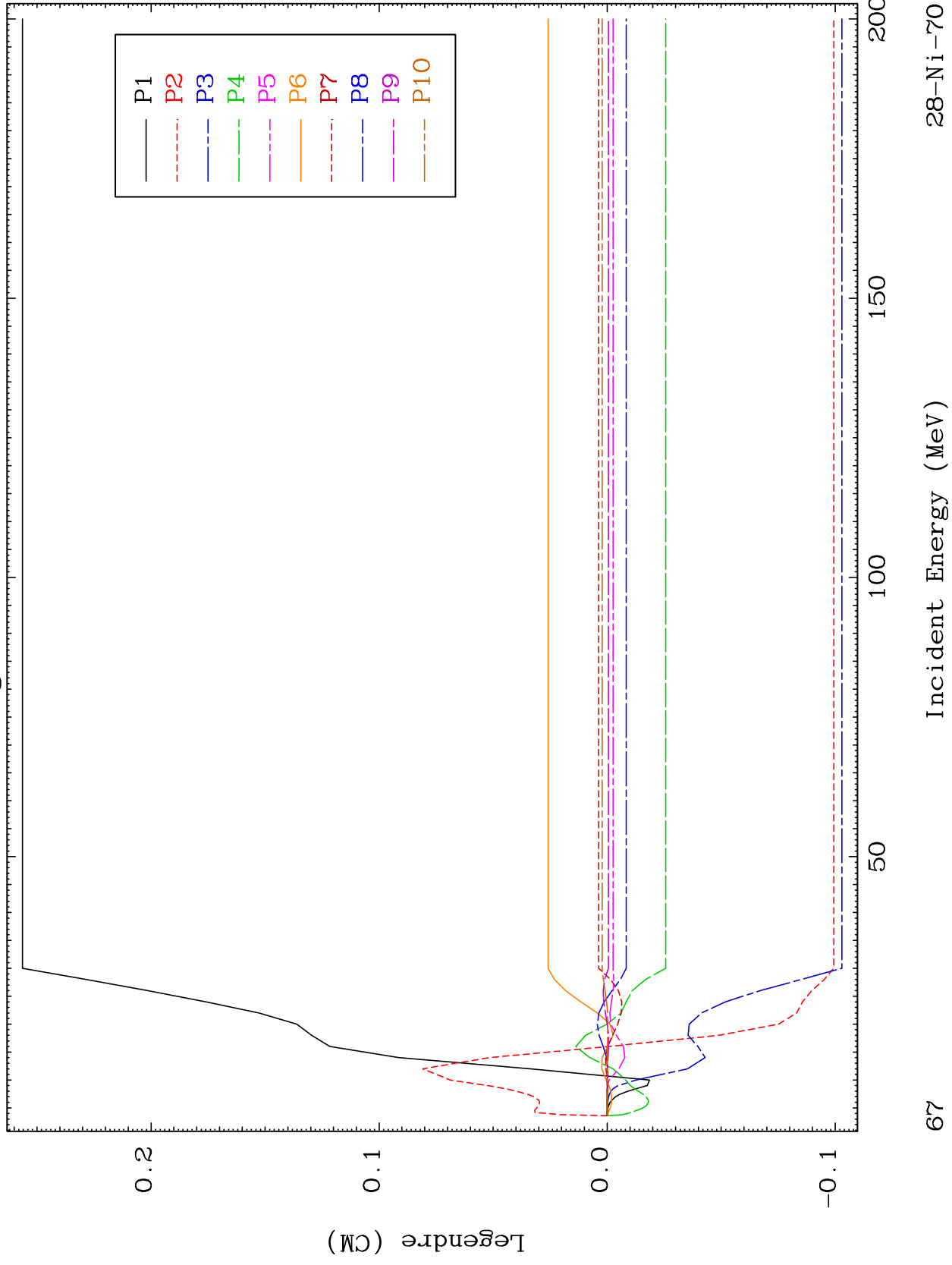
66

28-Ni-70

MAT 2861

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

28-Ni-70



67

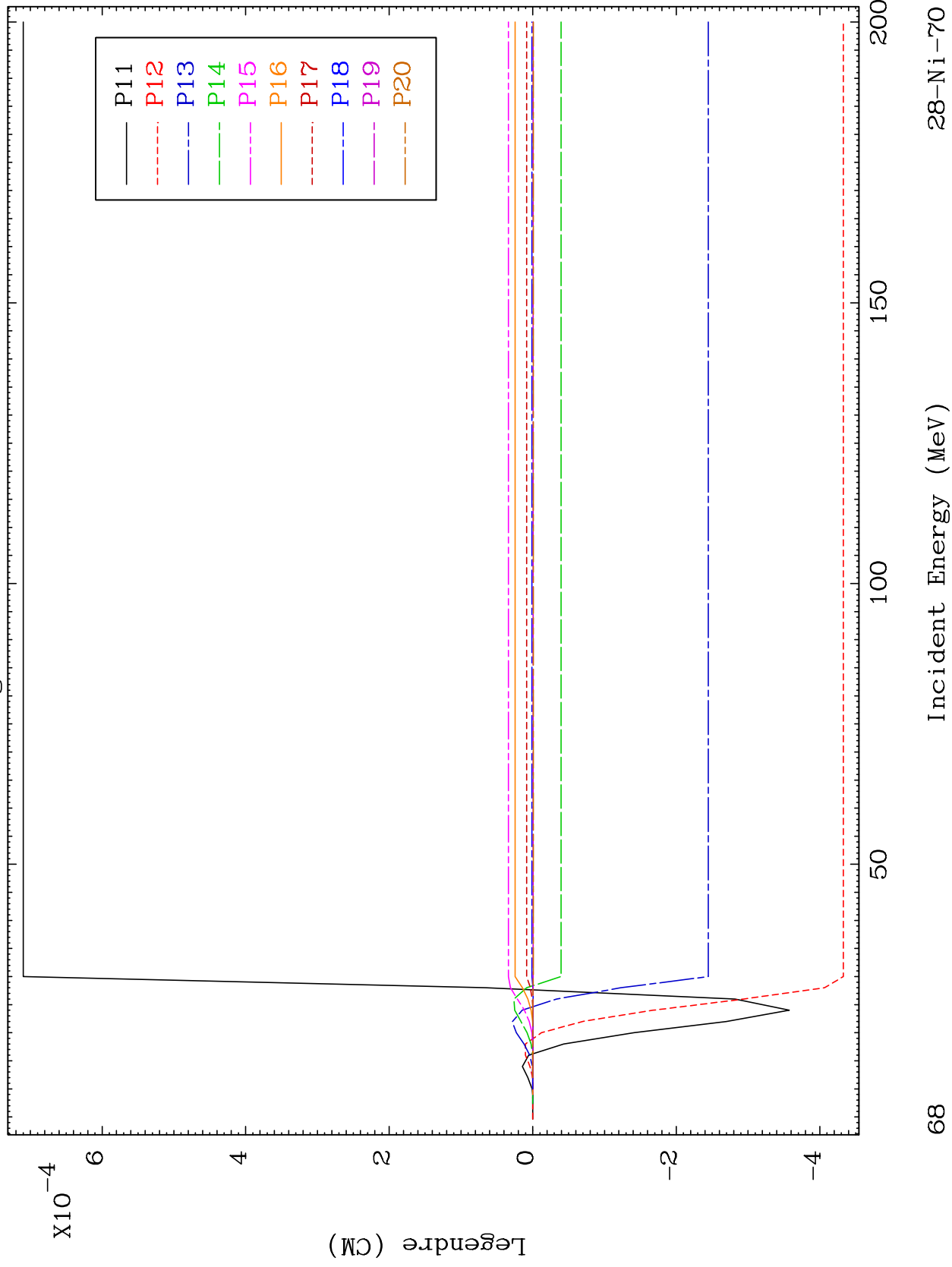
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

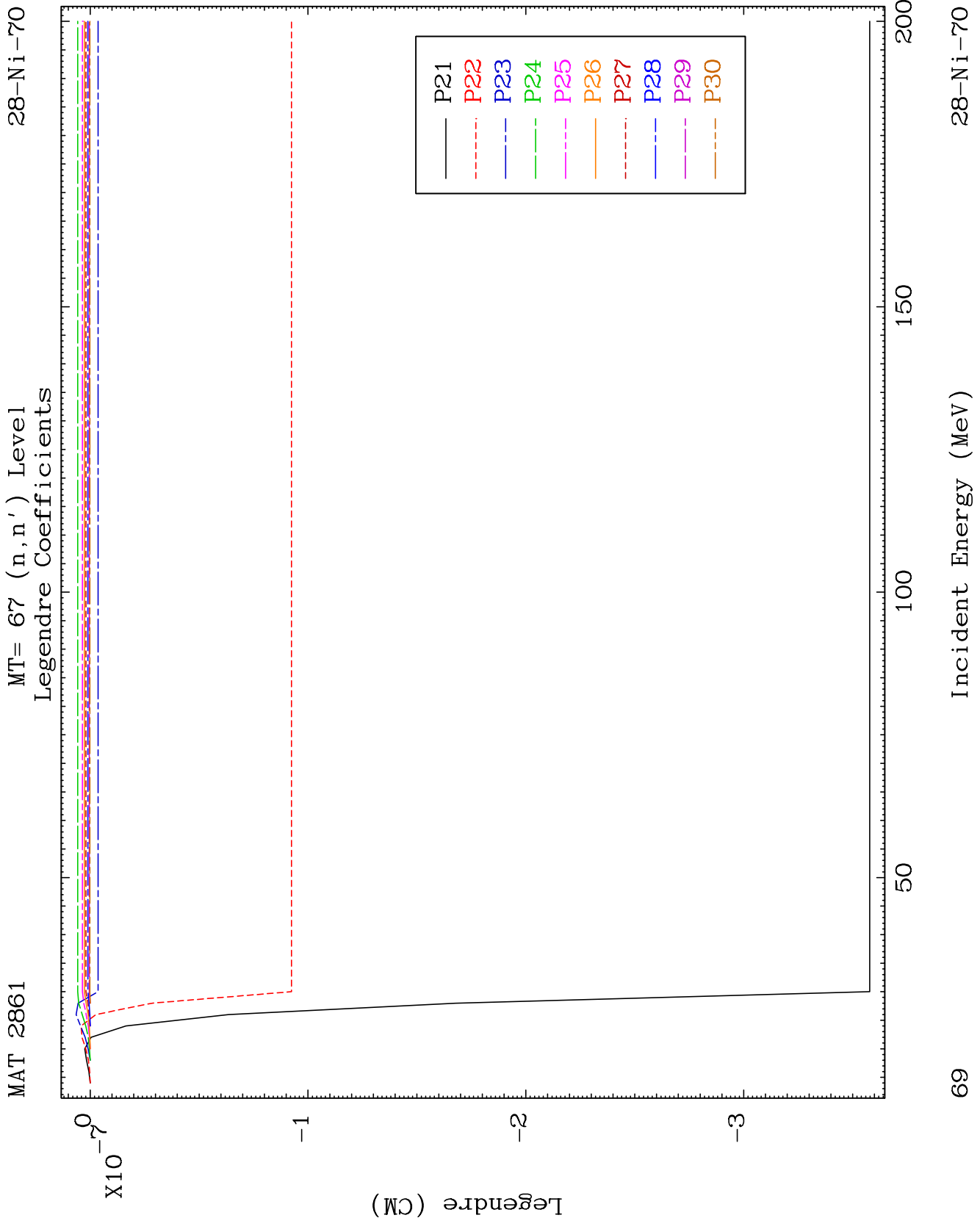
28-Ni-70

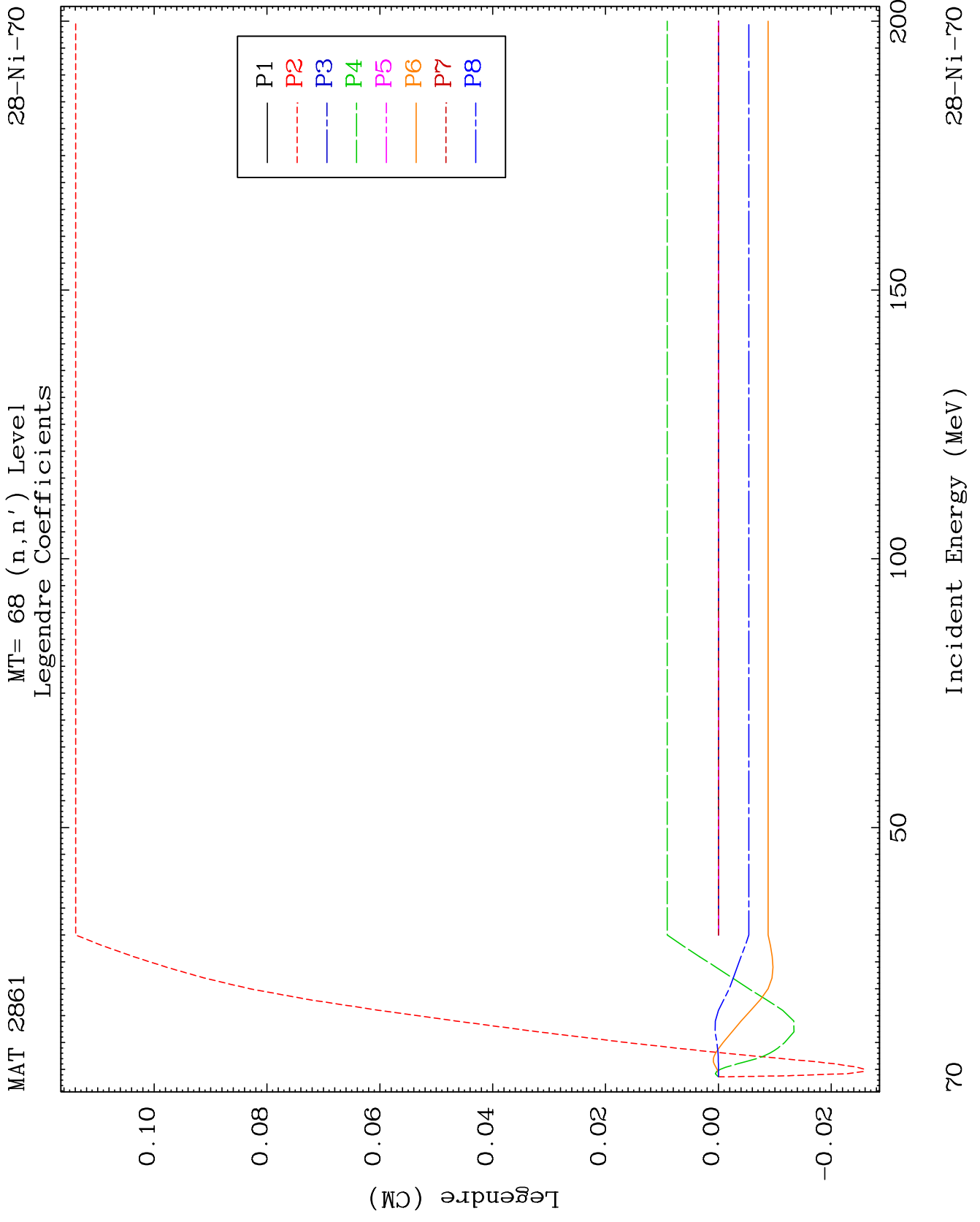


68

Incident Energy (MeV)

28-Ni-70

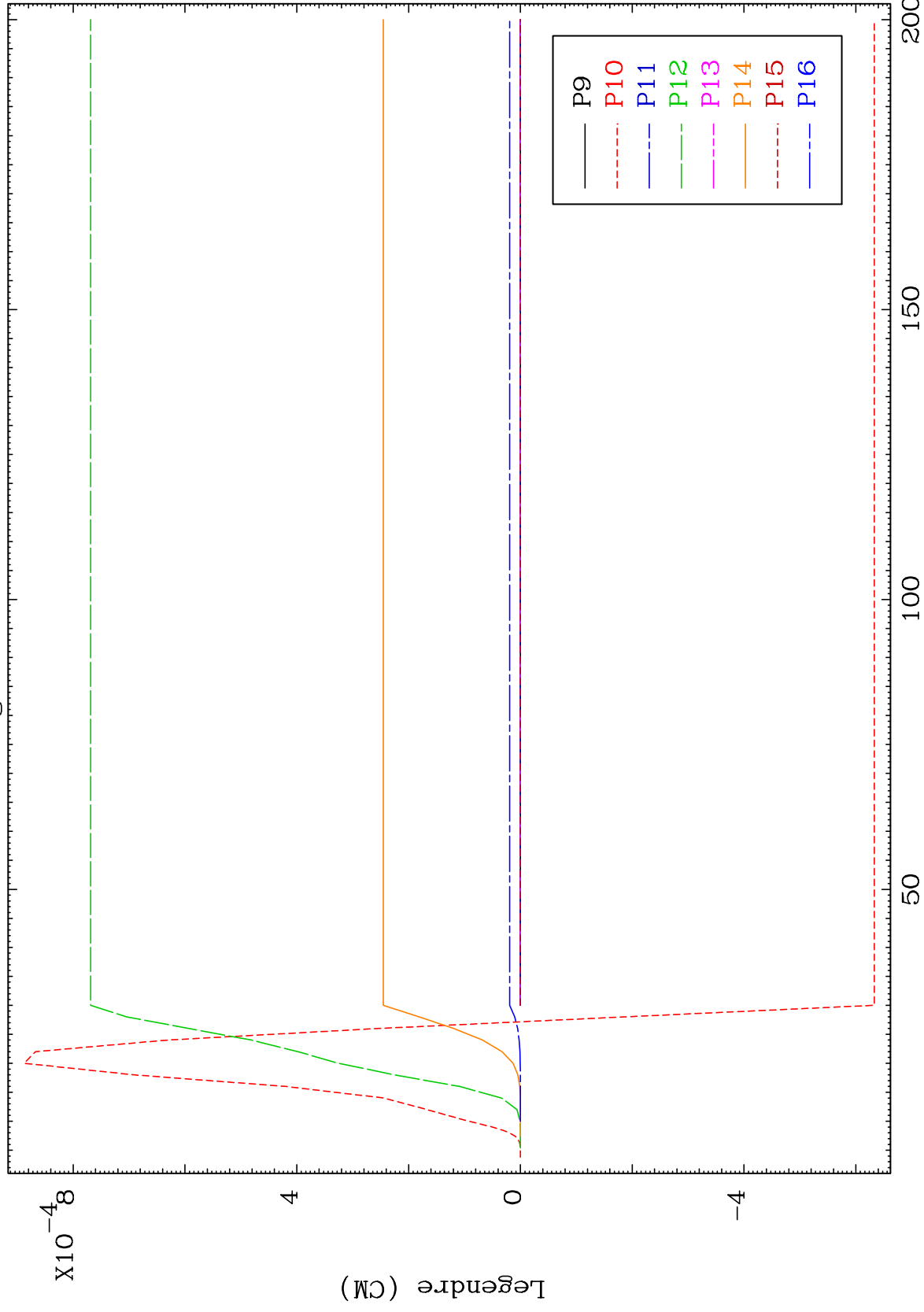




MAT 2861

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

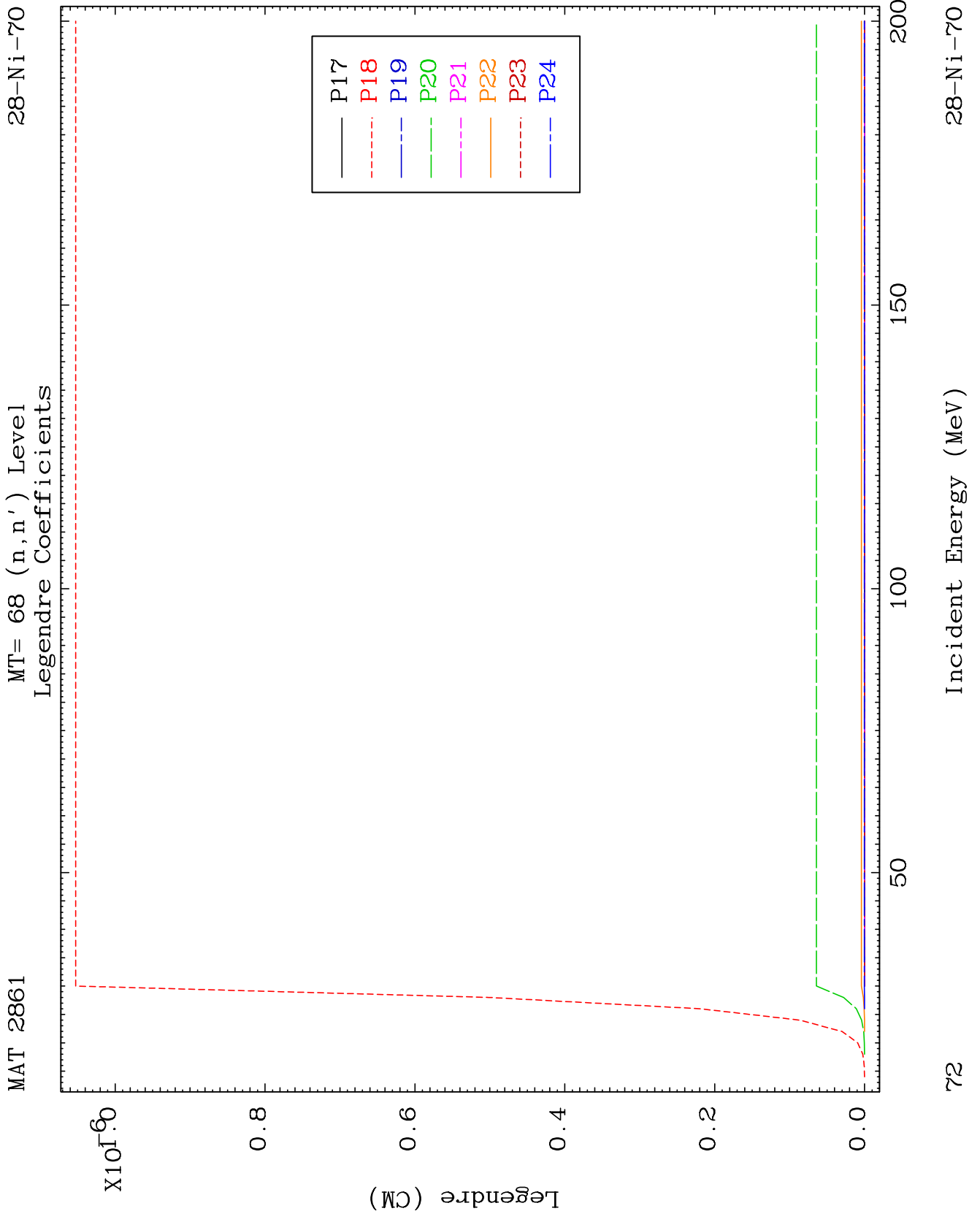
28-Ni-70



71

Incident Energy (MeV)

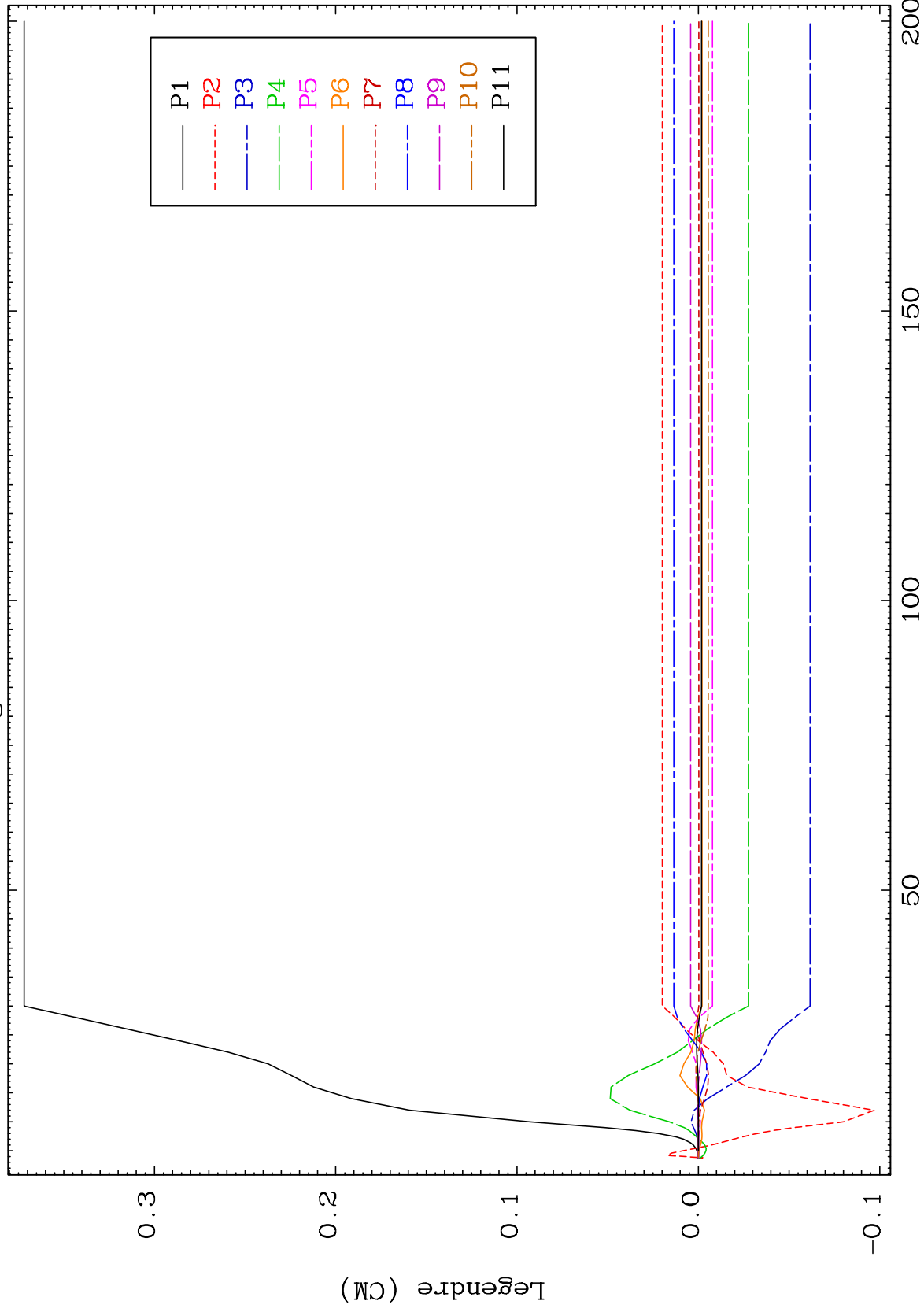
28-Ni-70



MAT 2861

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

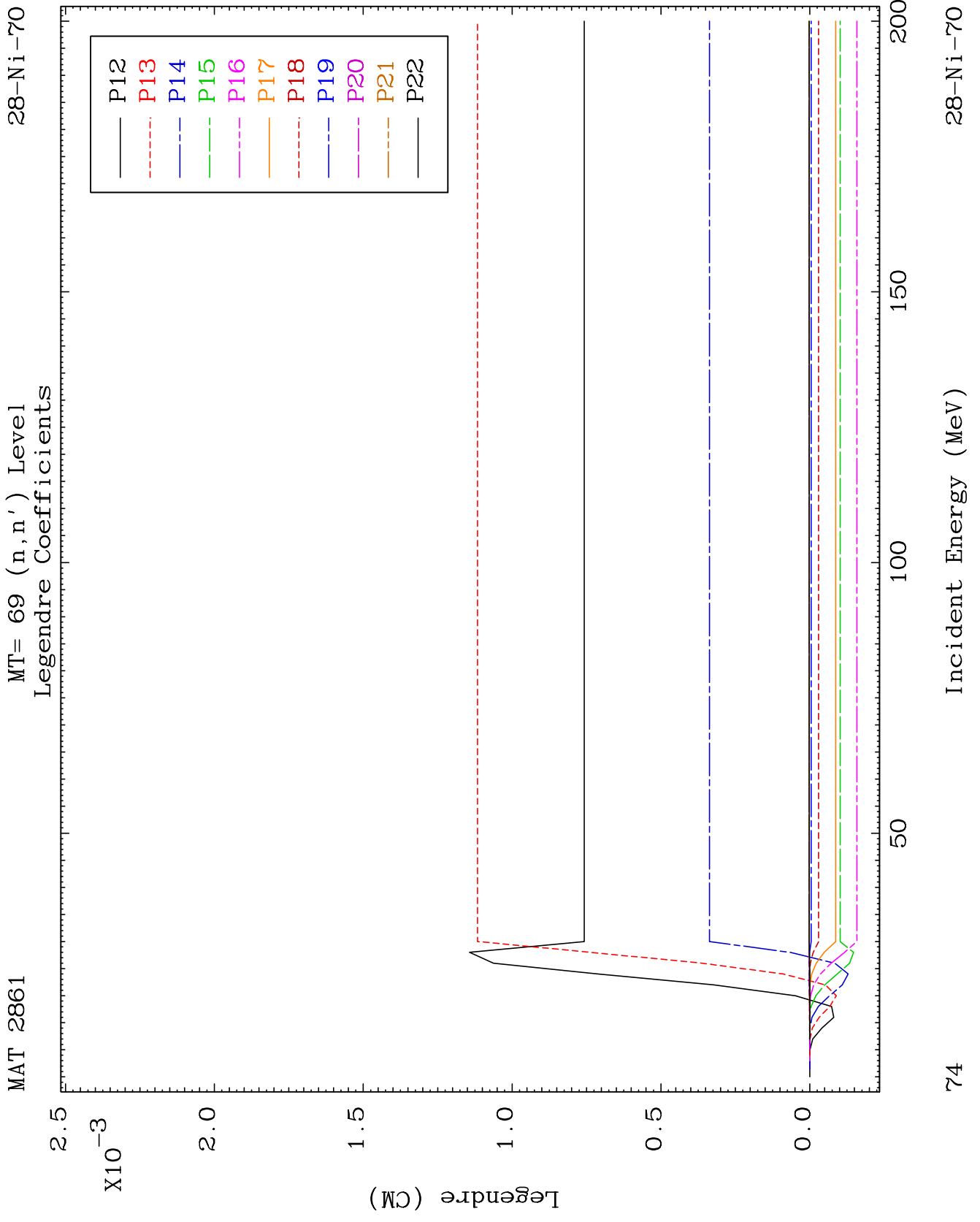
28-Ni-70

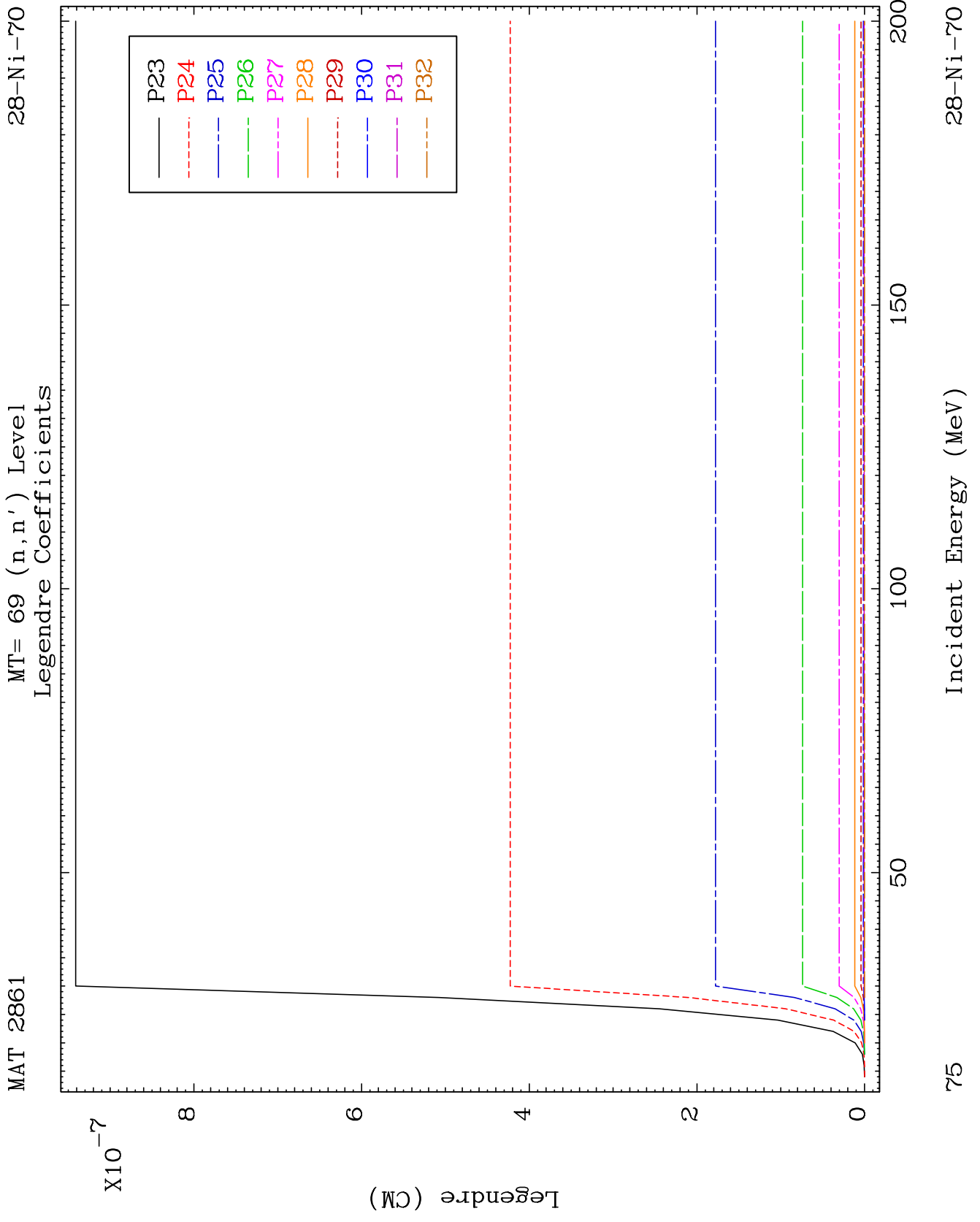


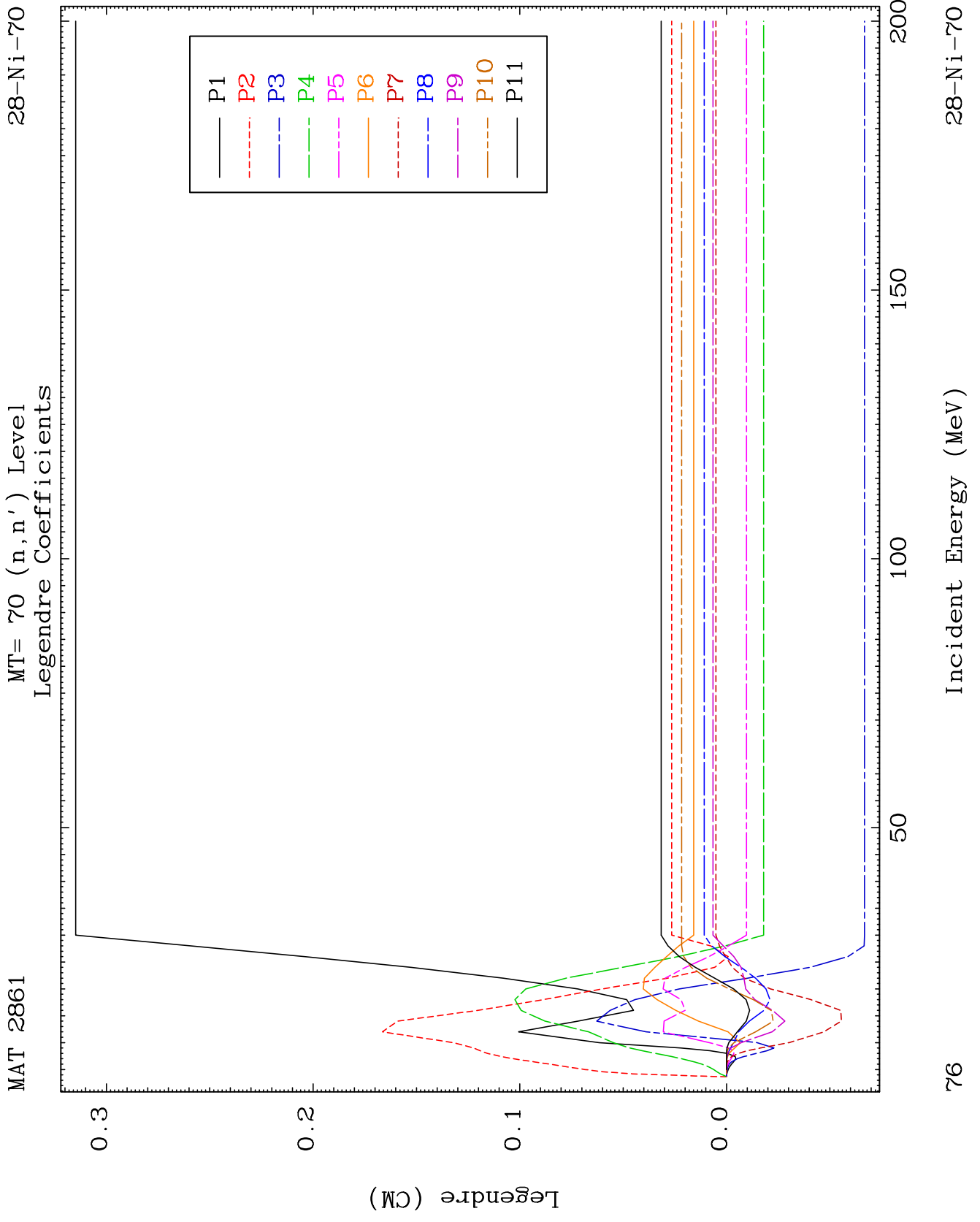
73

Incident Energy (MeV)

28-Ni-70



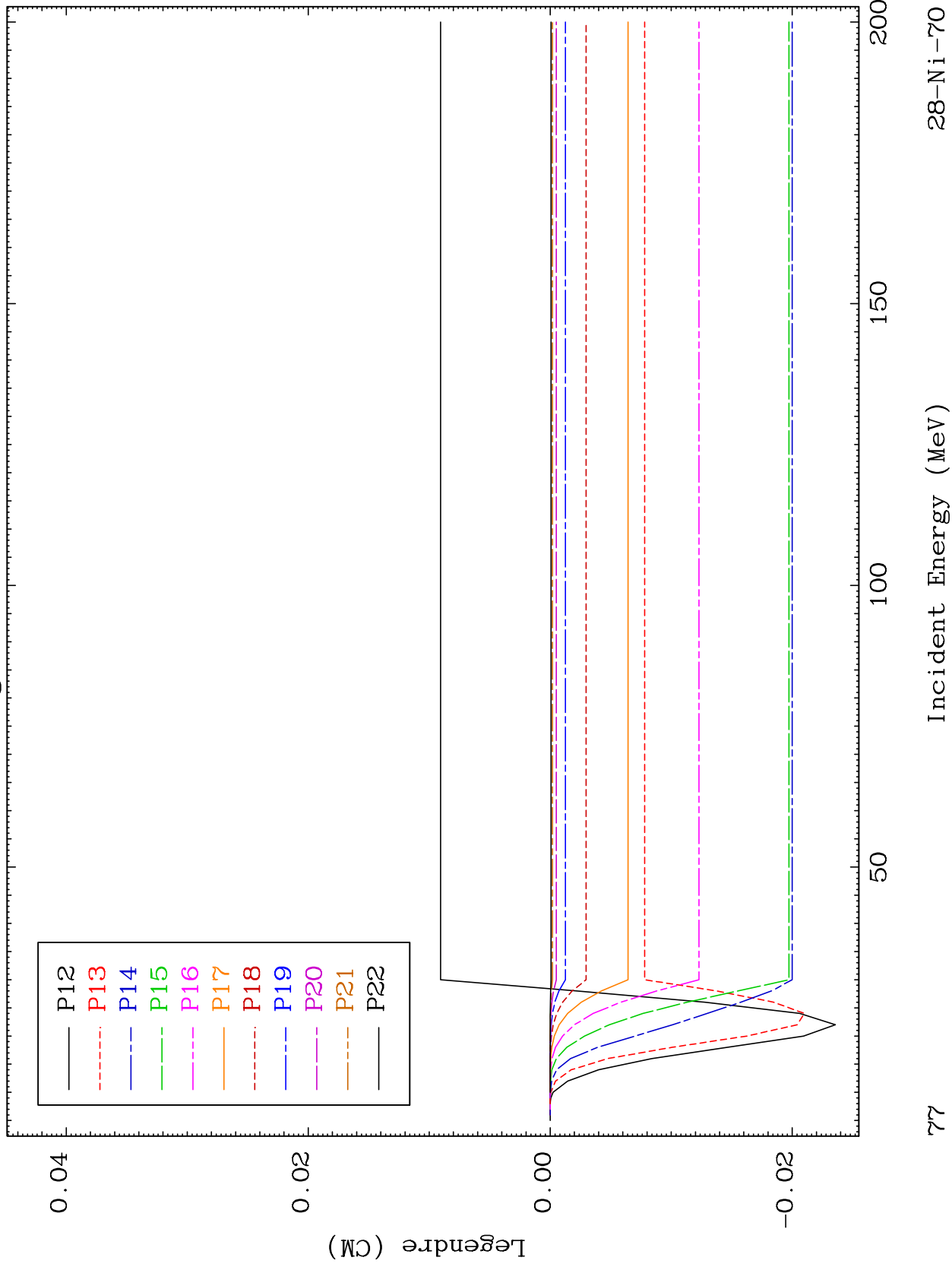




MAT 2861

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

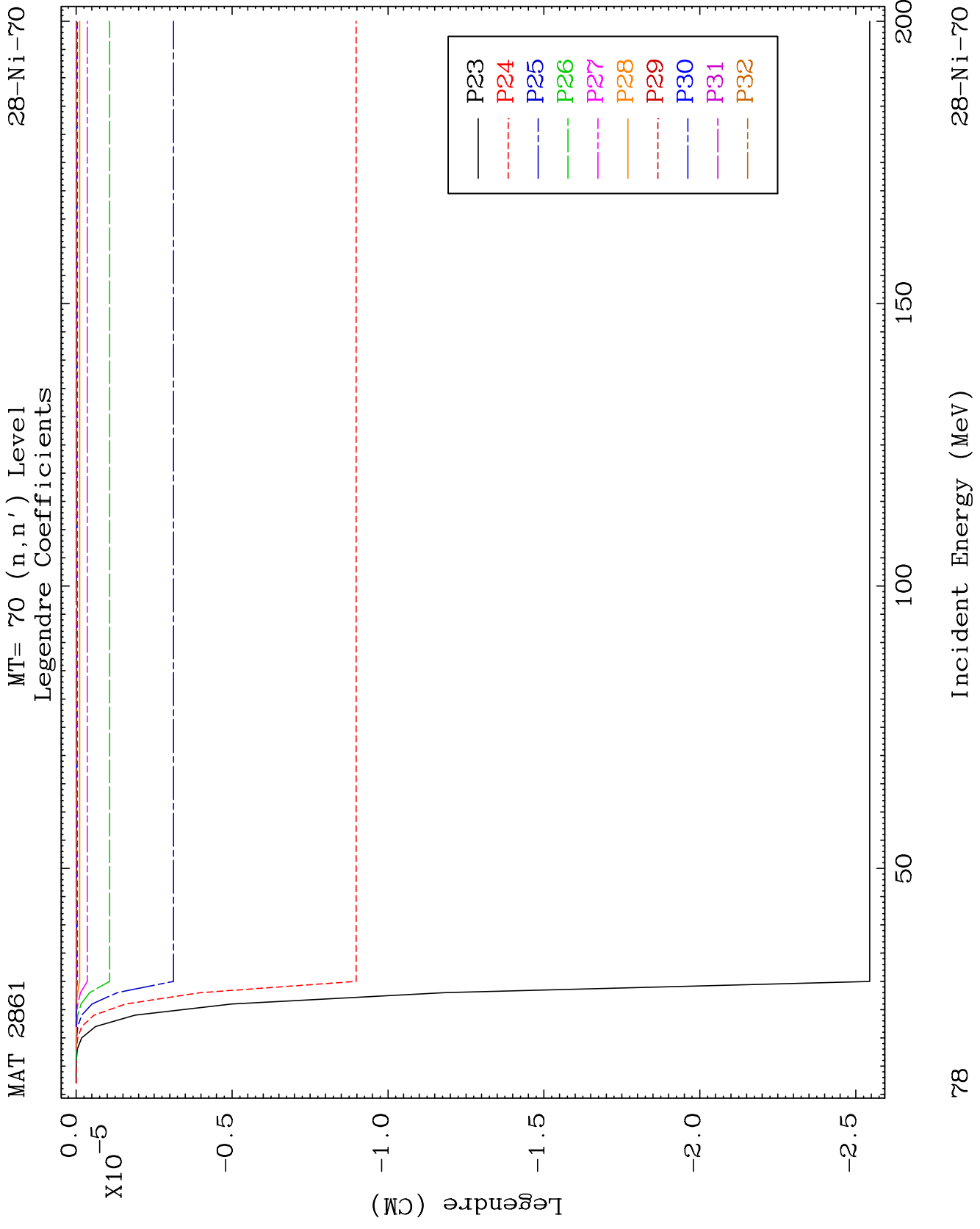
28-Ni-70



77

Incident Energy (MeV)

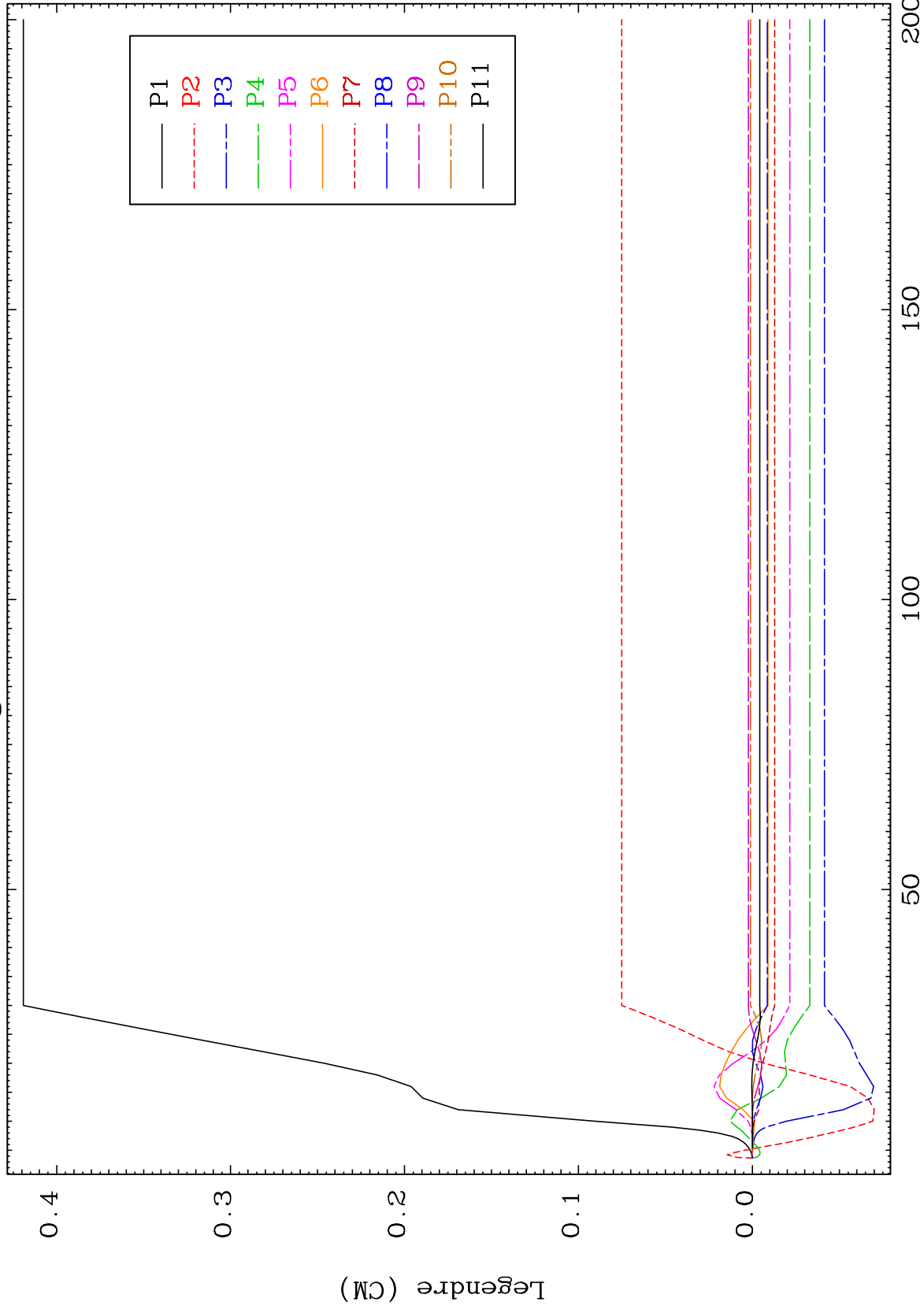
28-Ni-70



MAT 2861

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

28-Ni-70



79

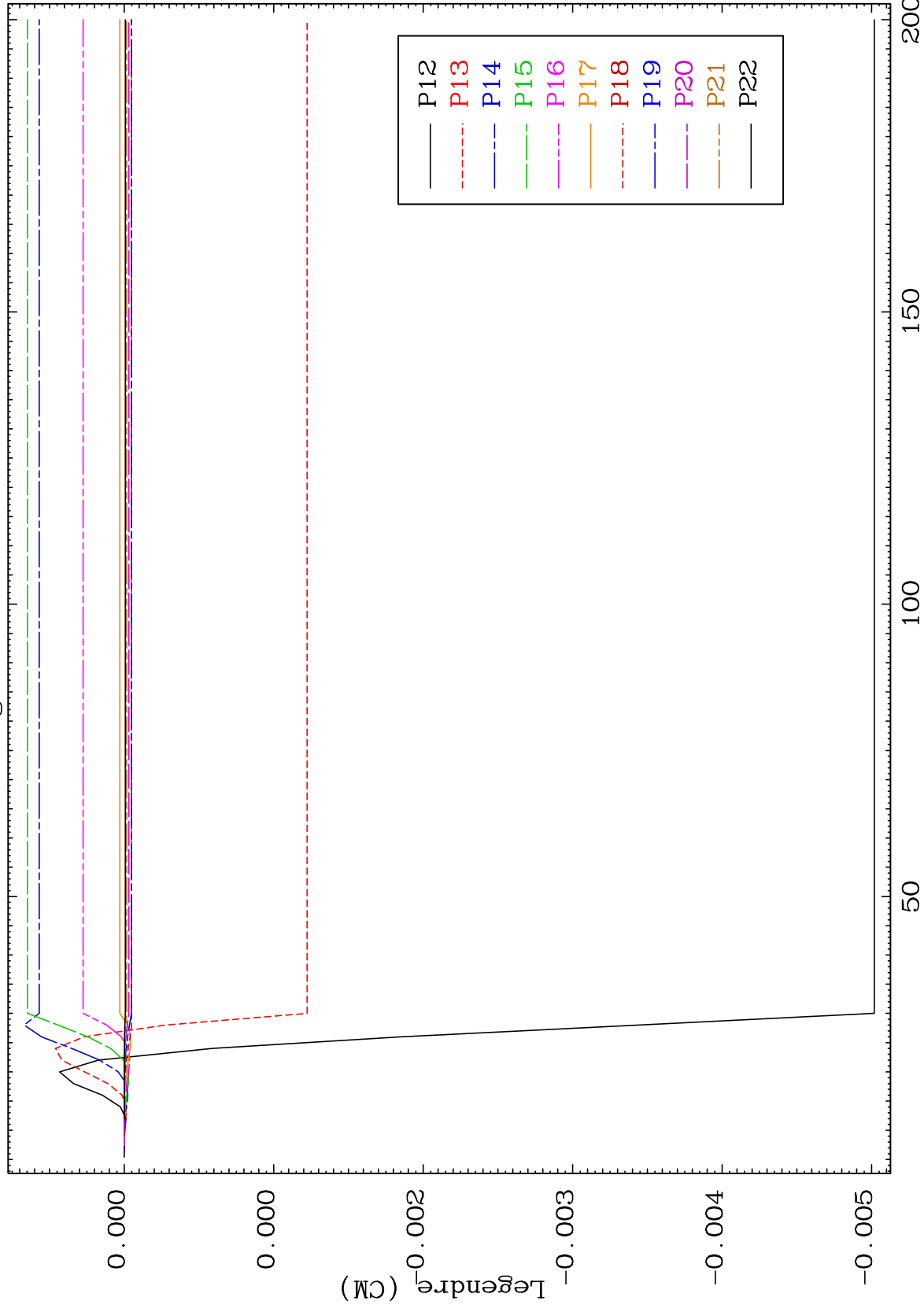
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

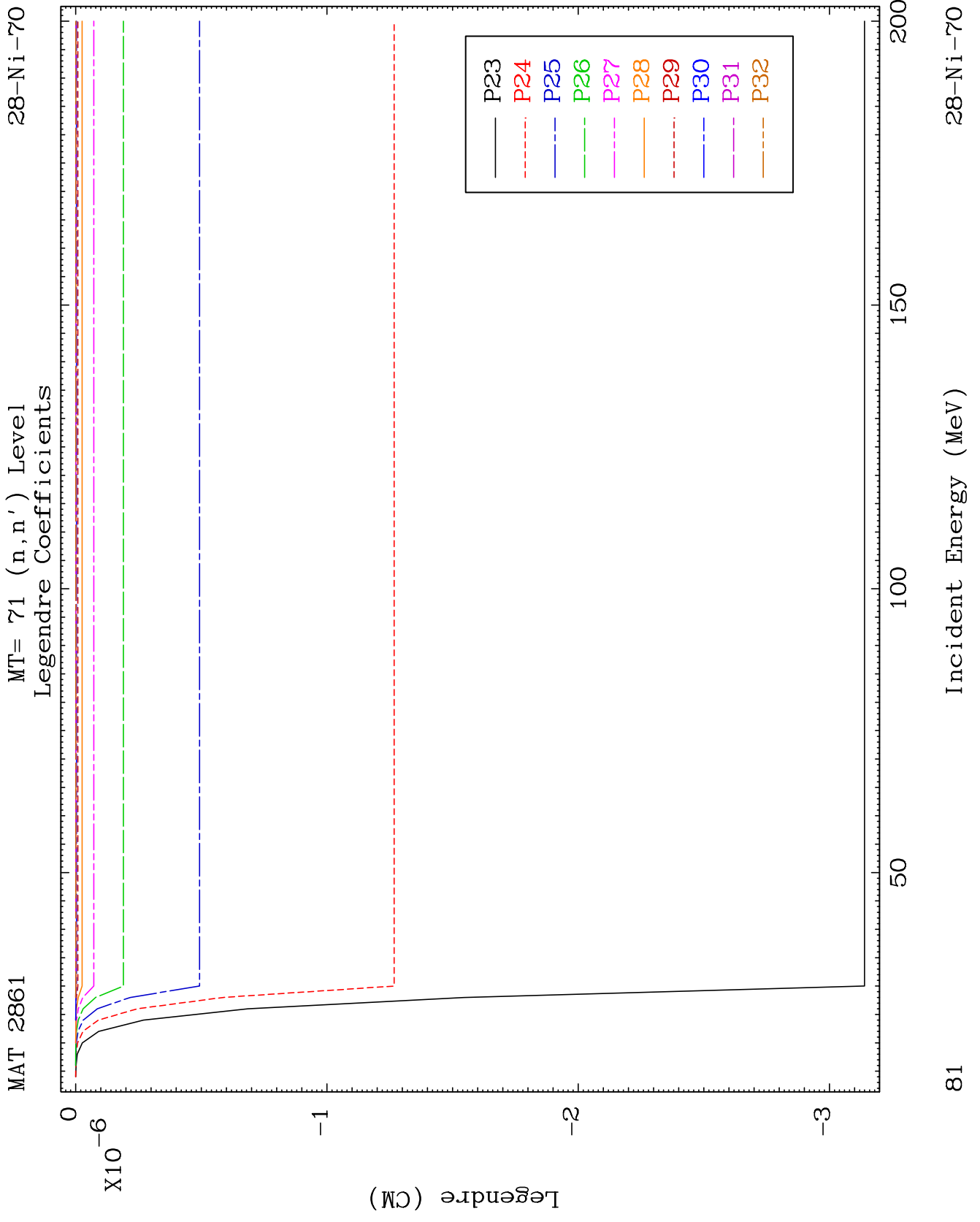
28-Ni-70



80

Incident Energy (MeV)

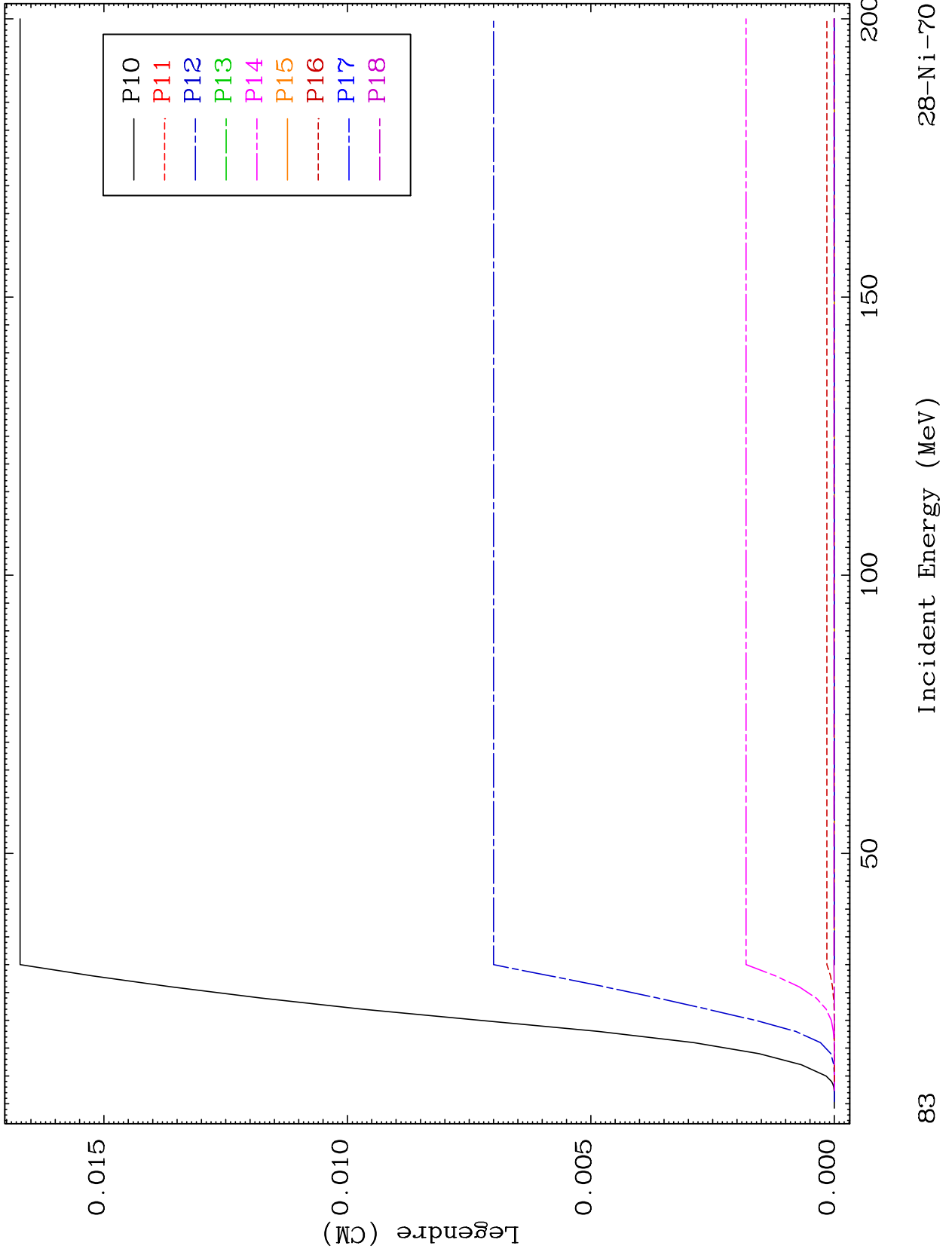
28-Ni-70



MAT 2861

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

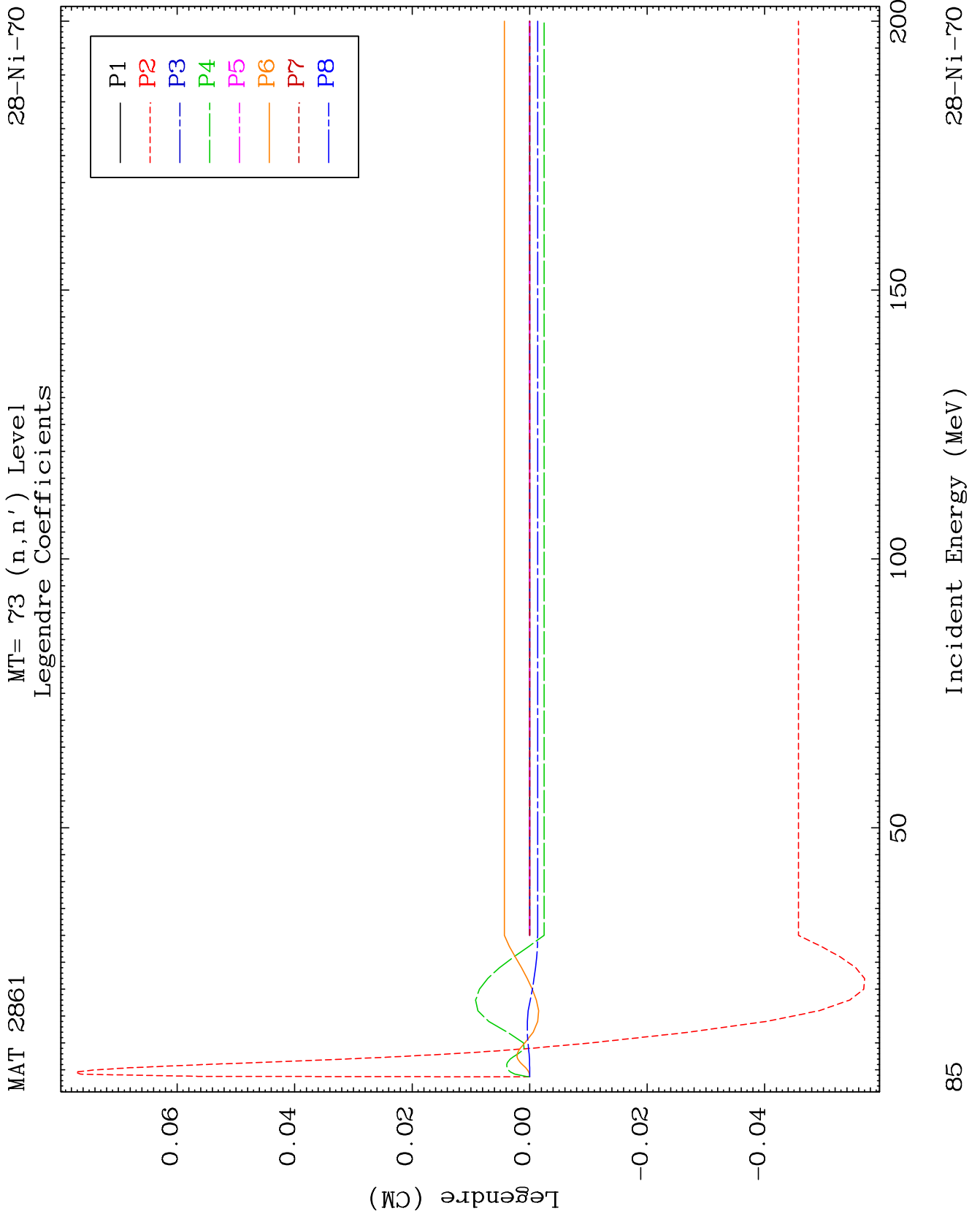
28-Ni-70

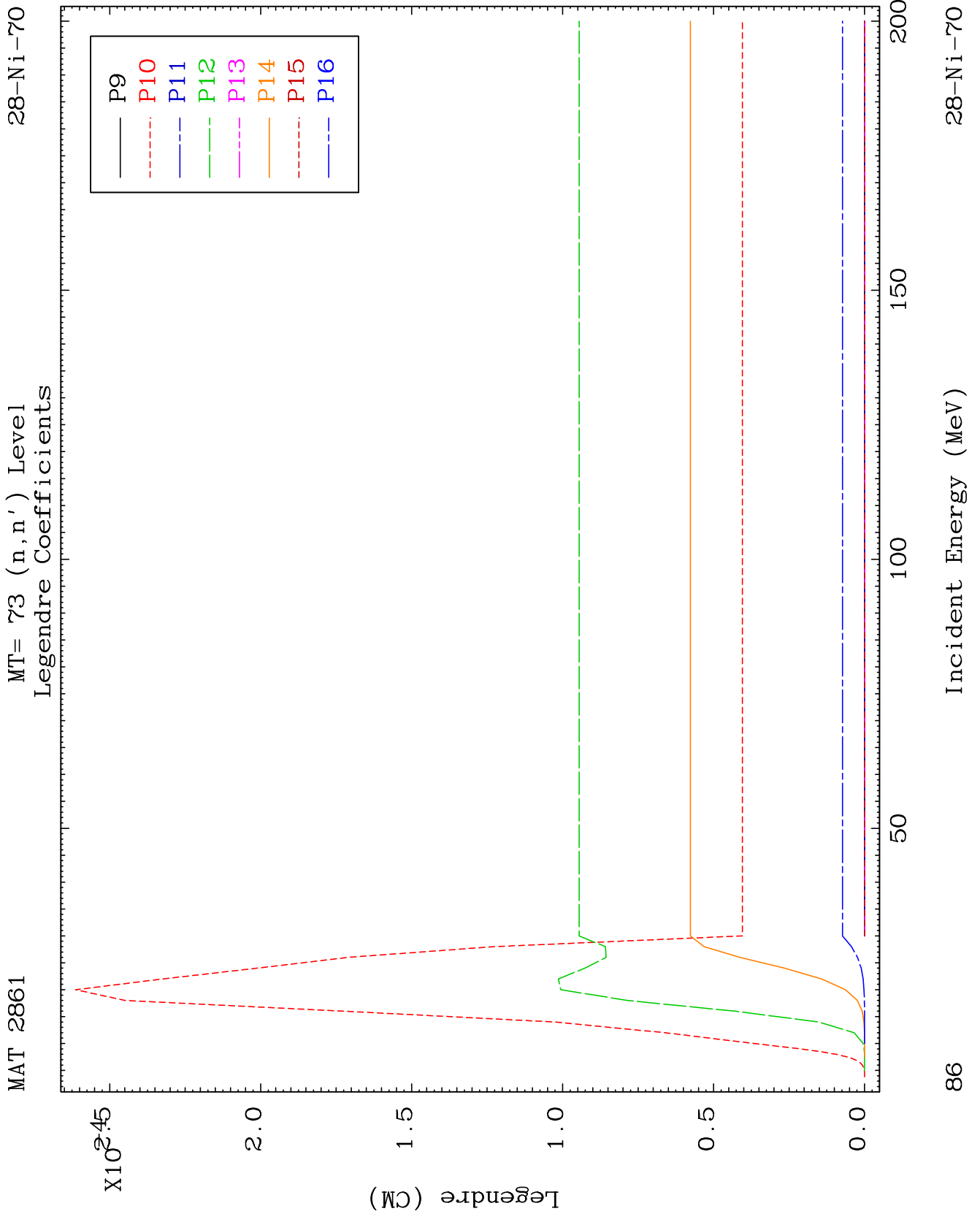


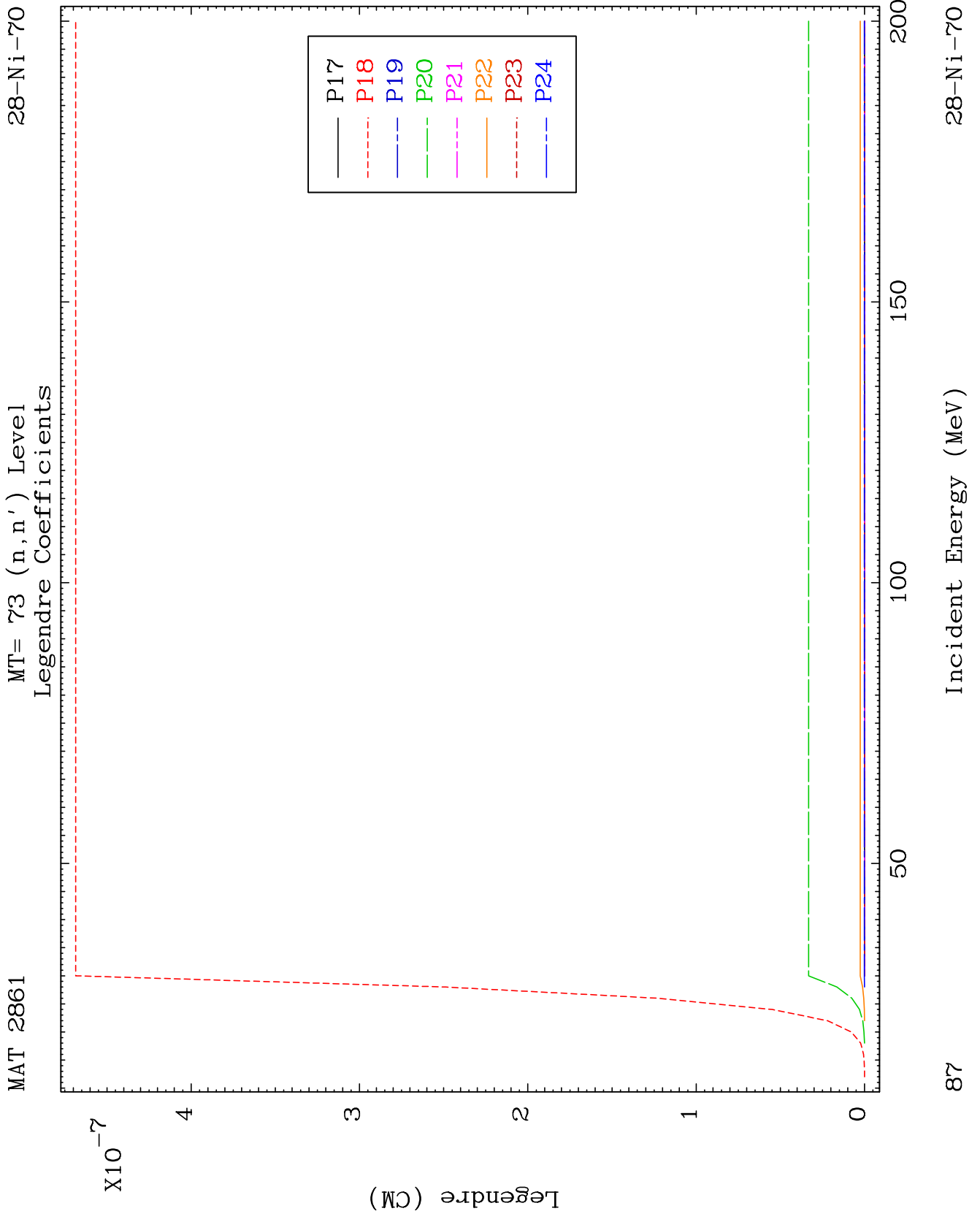
83

Incident Energy (MeV)

28-Ni-70



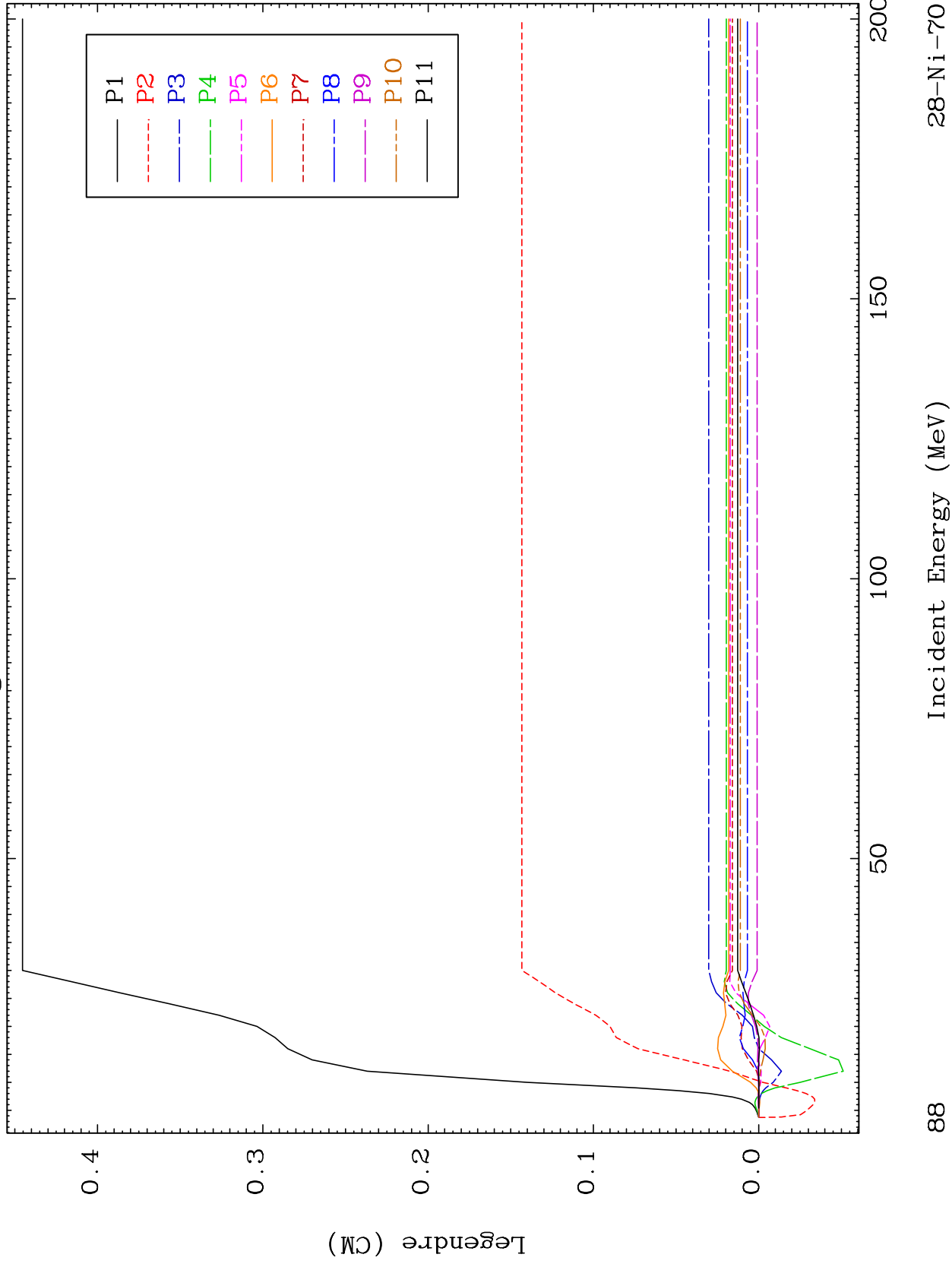




MAT 2861

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

28-Ni-70



88

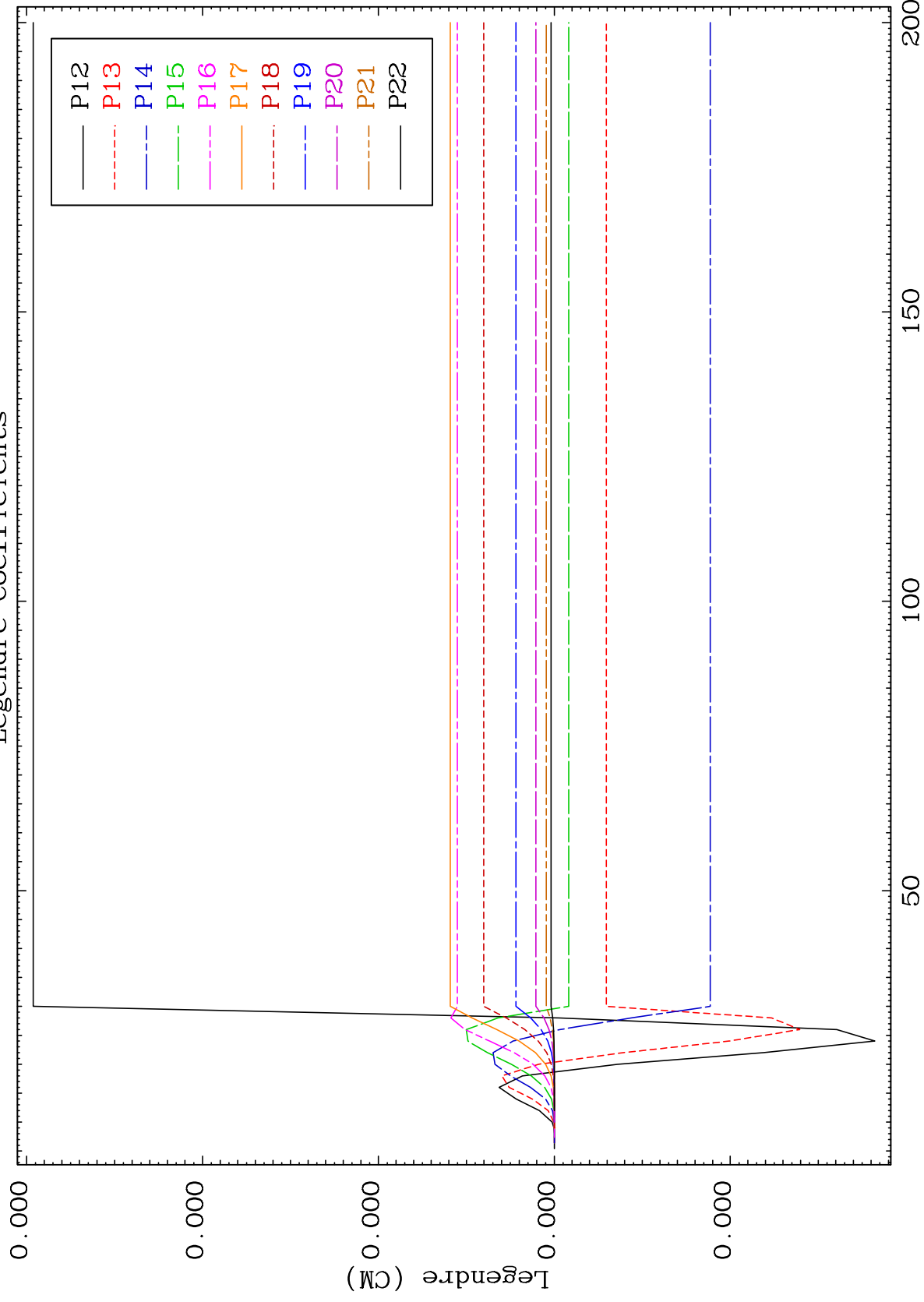
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



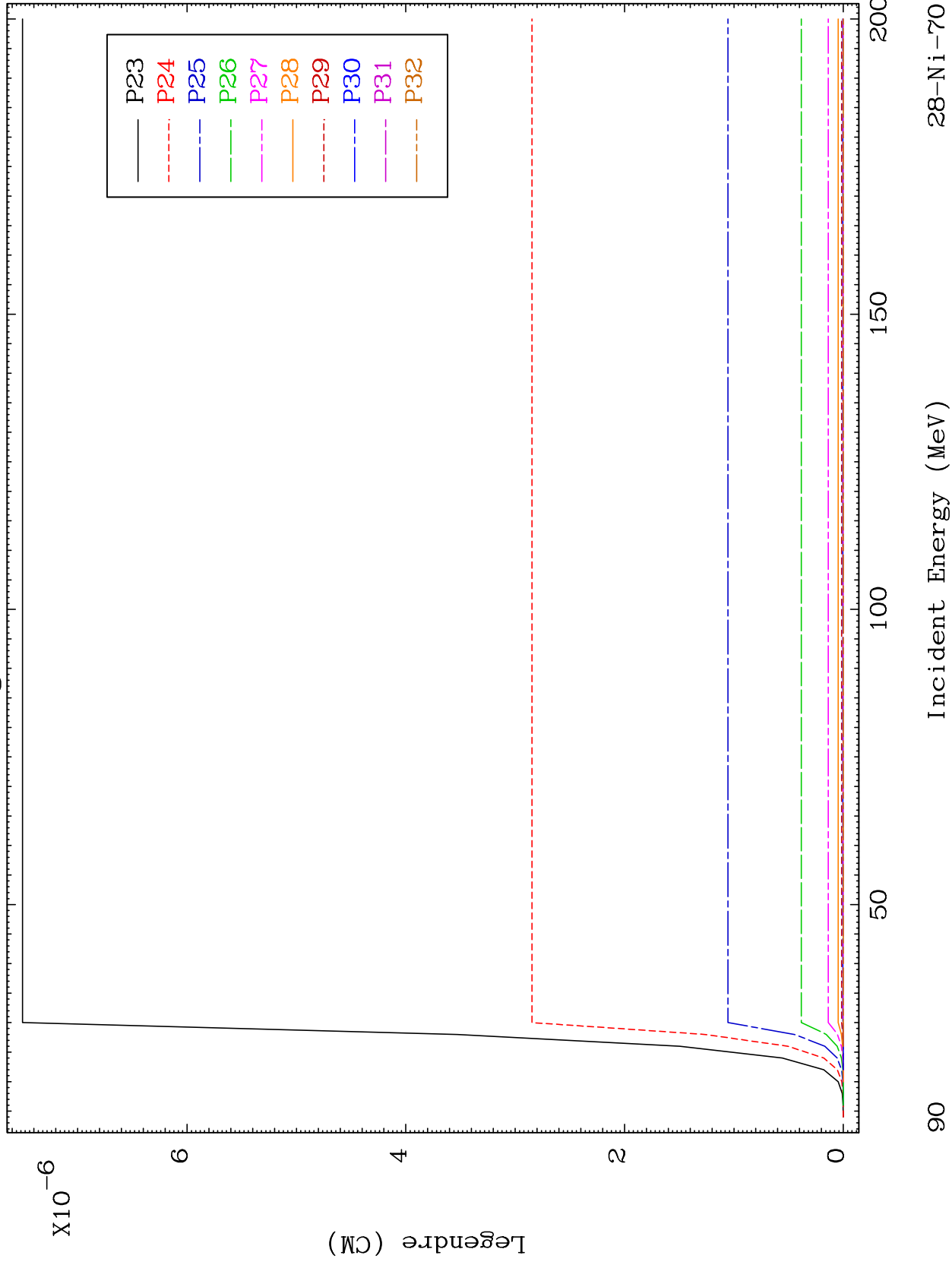
89

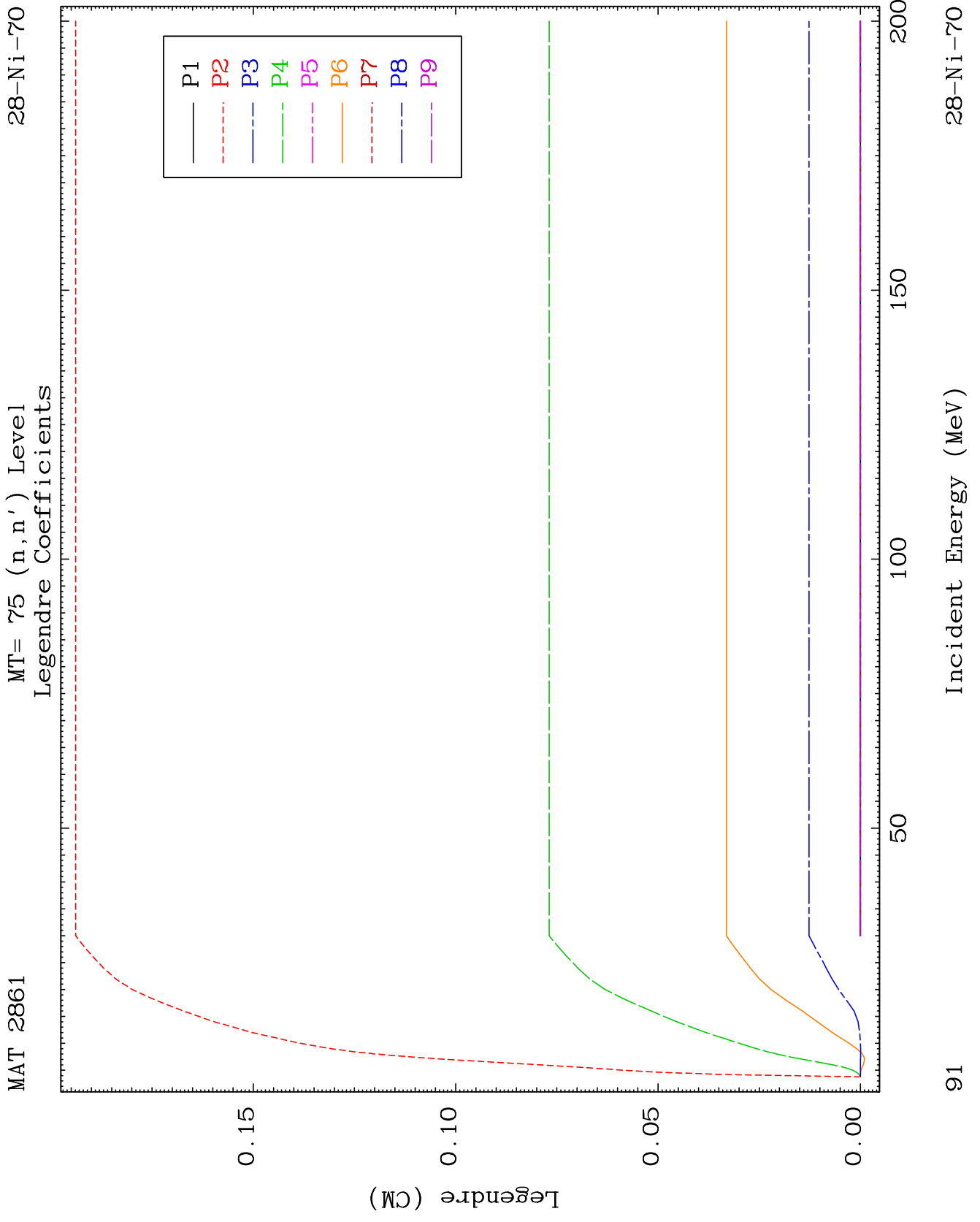
28-Ni-70

MAT 2861

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

28-Ni-70

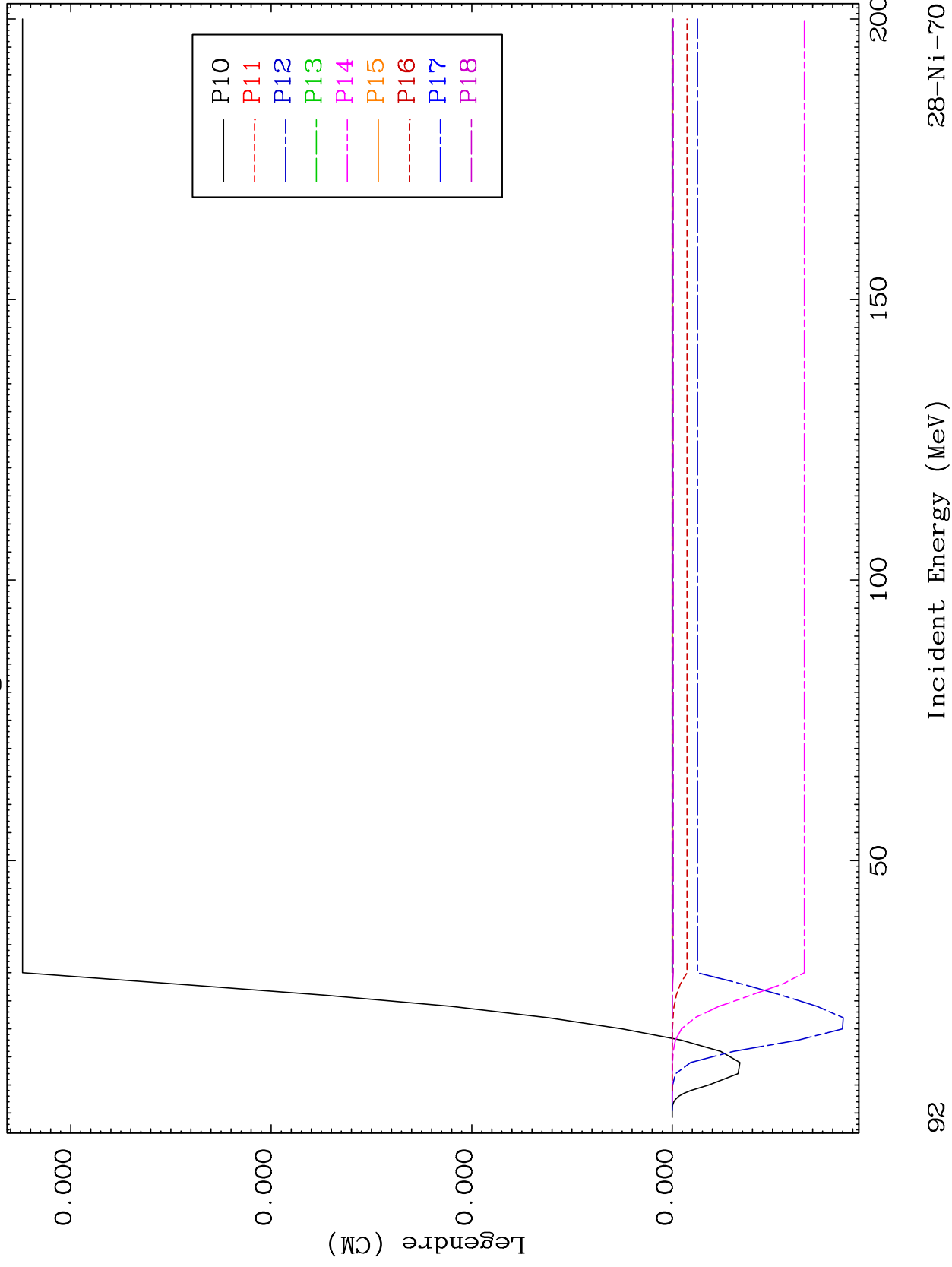


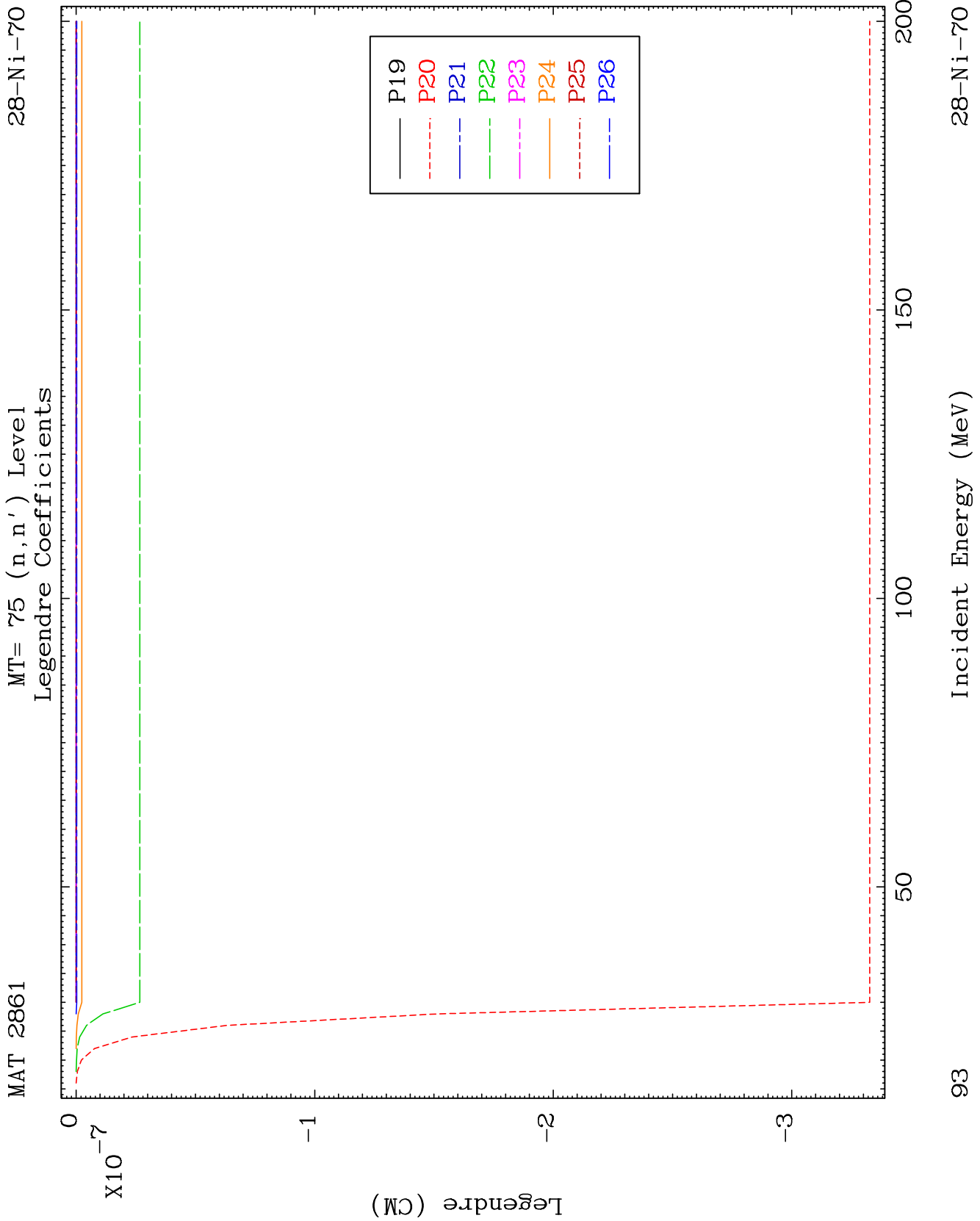


MAT 2861

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

28-Ni-70

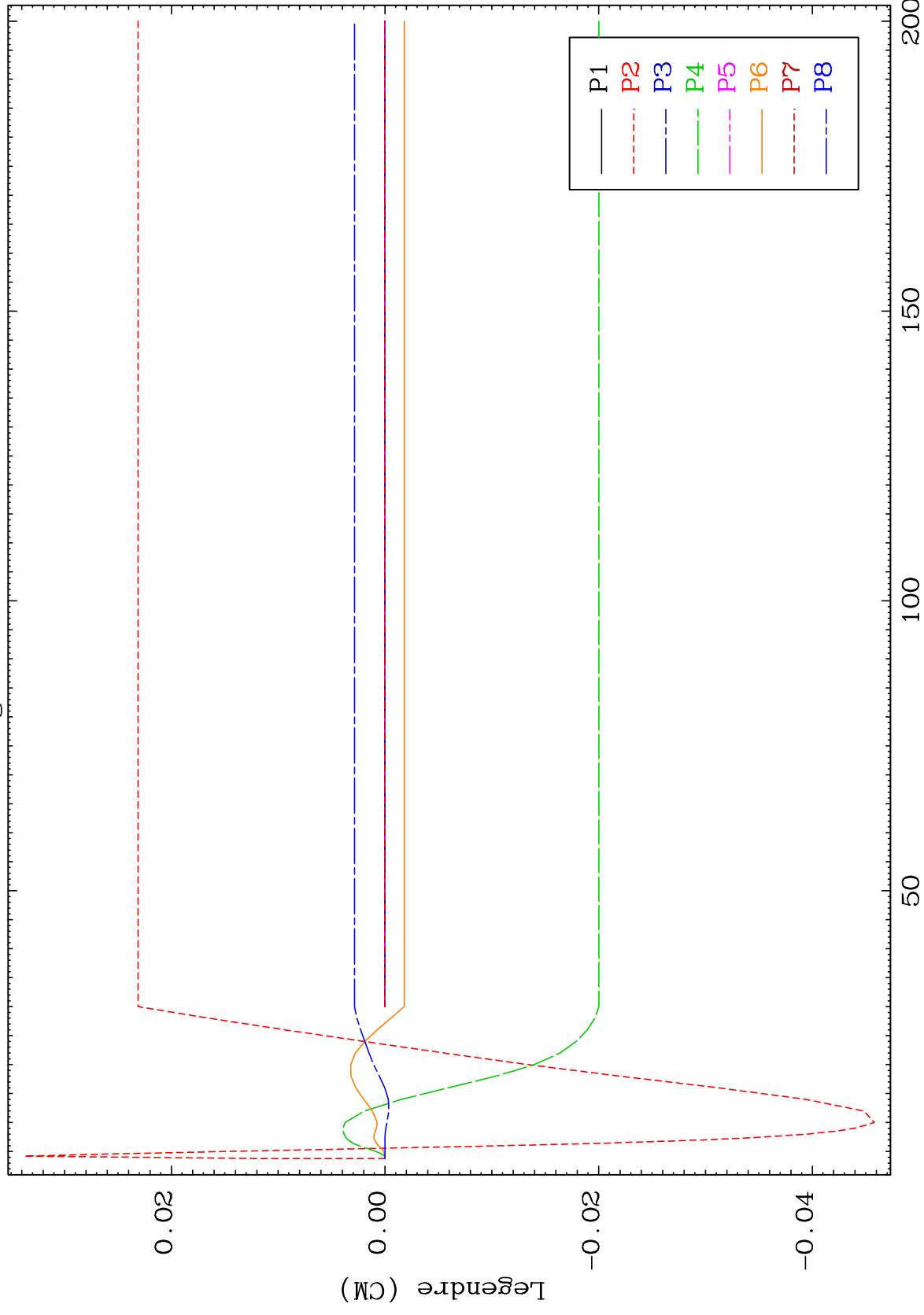




MAT 2861

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

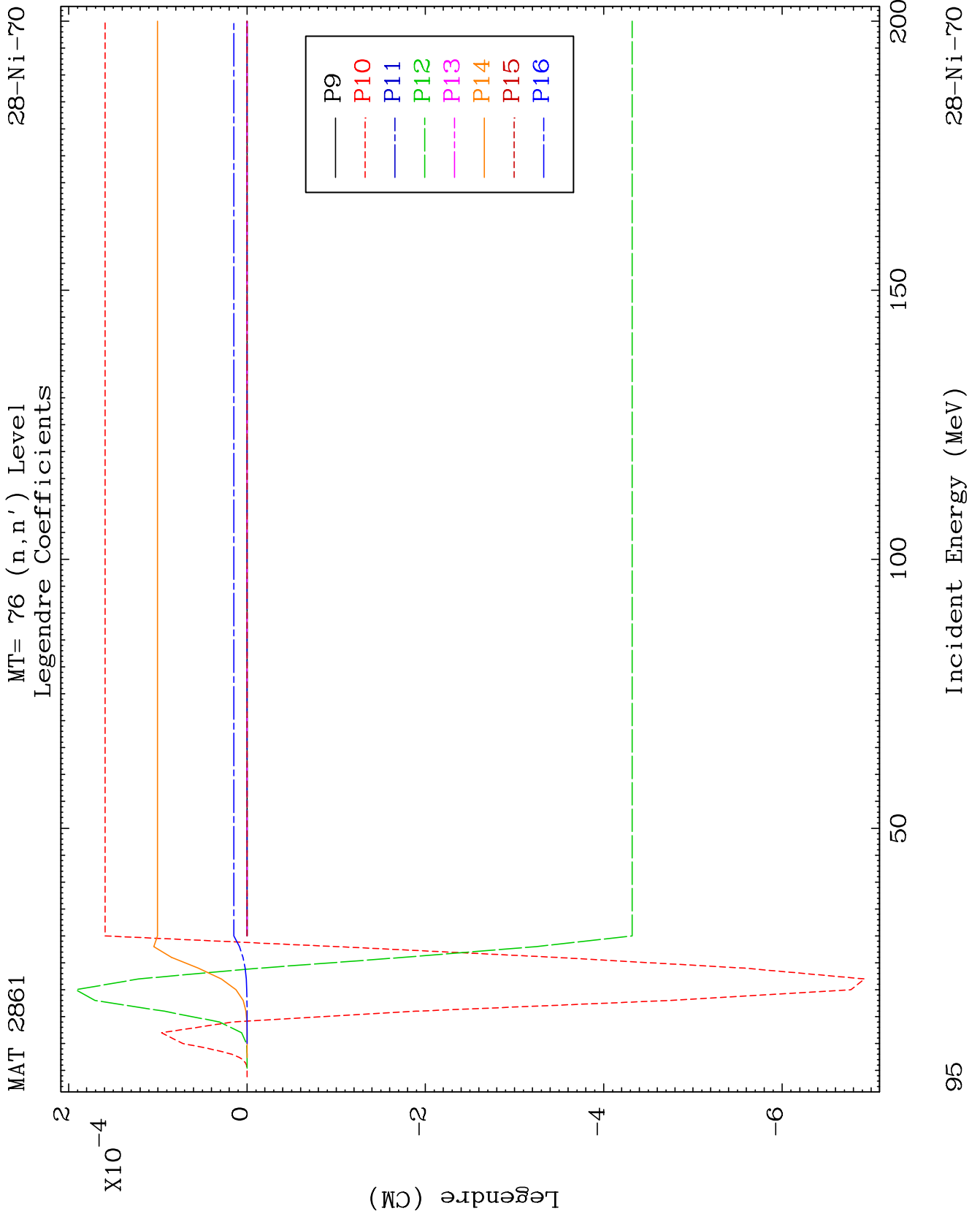
28-Ni-70

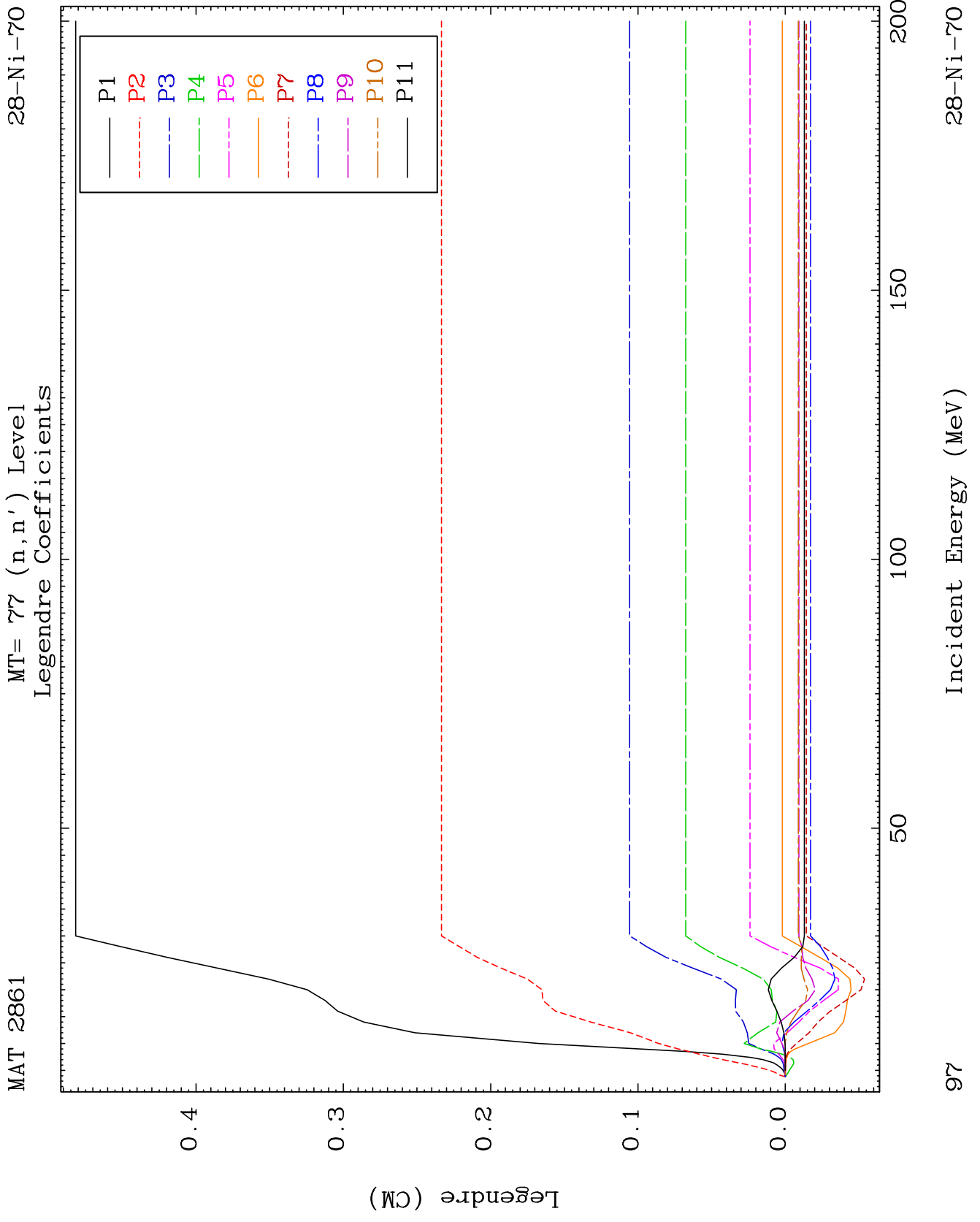


94

Incident Energy (MeV)

28-Ni-70

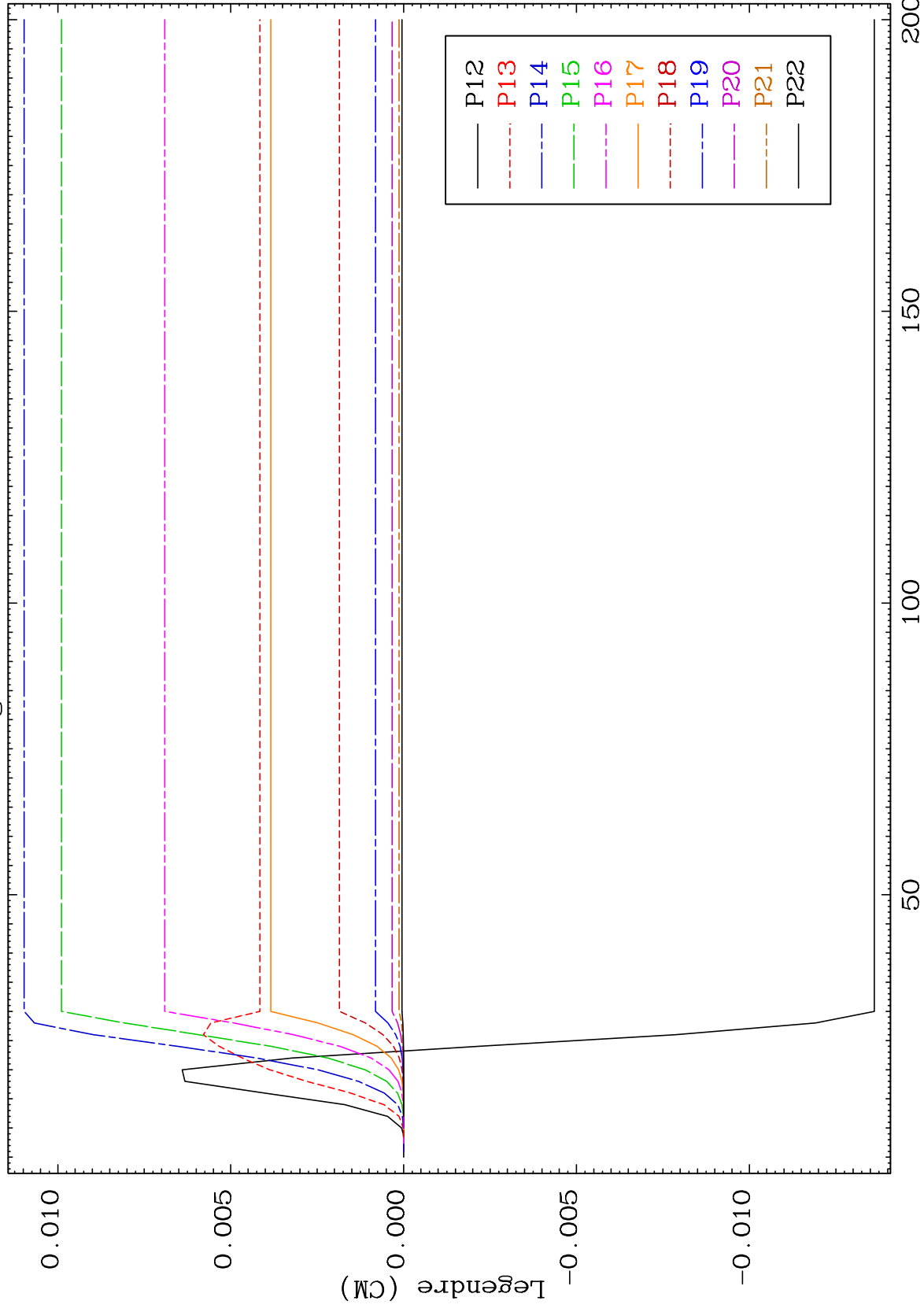




MAT 2861

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

28-Ni-70



98

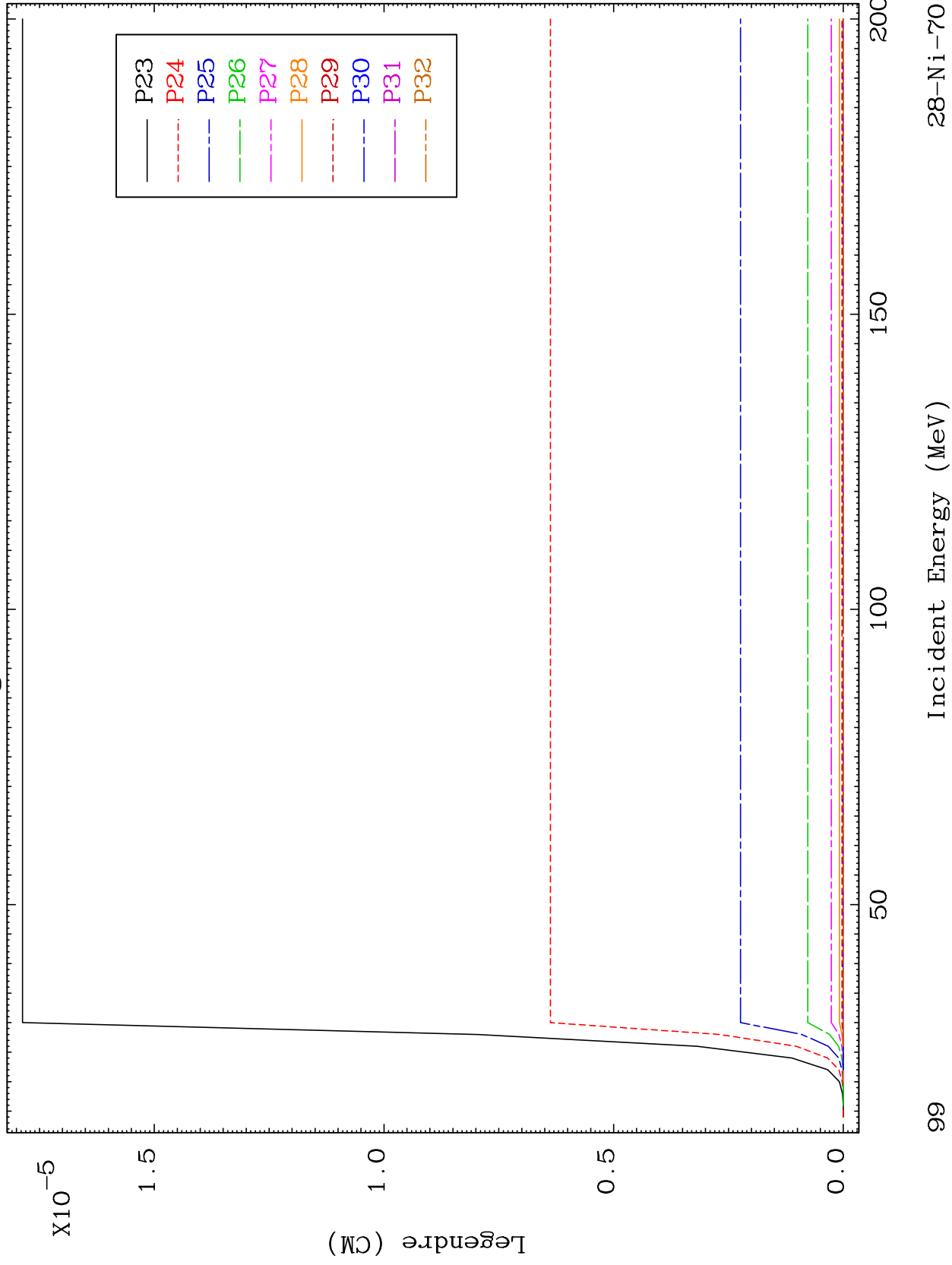
Incident Energy (MeV)

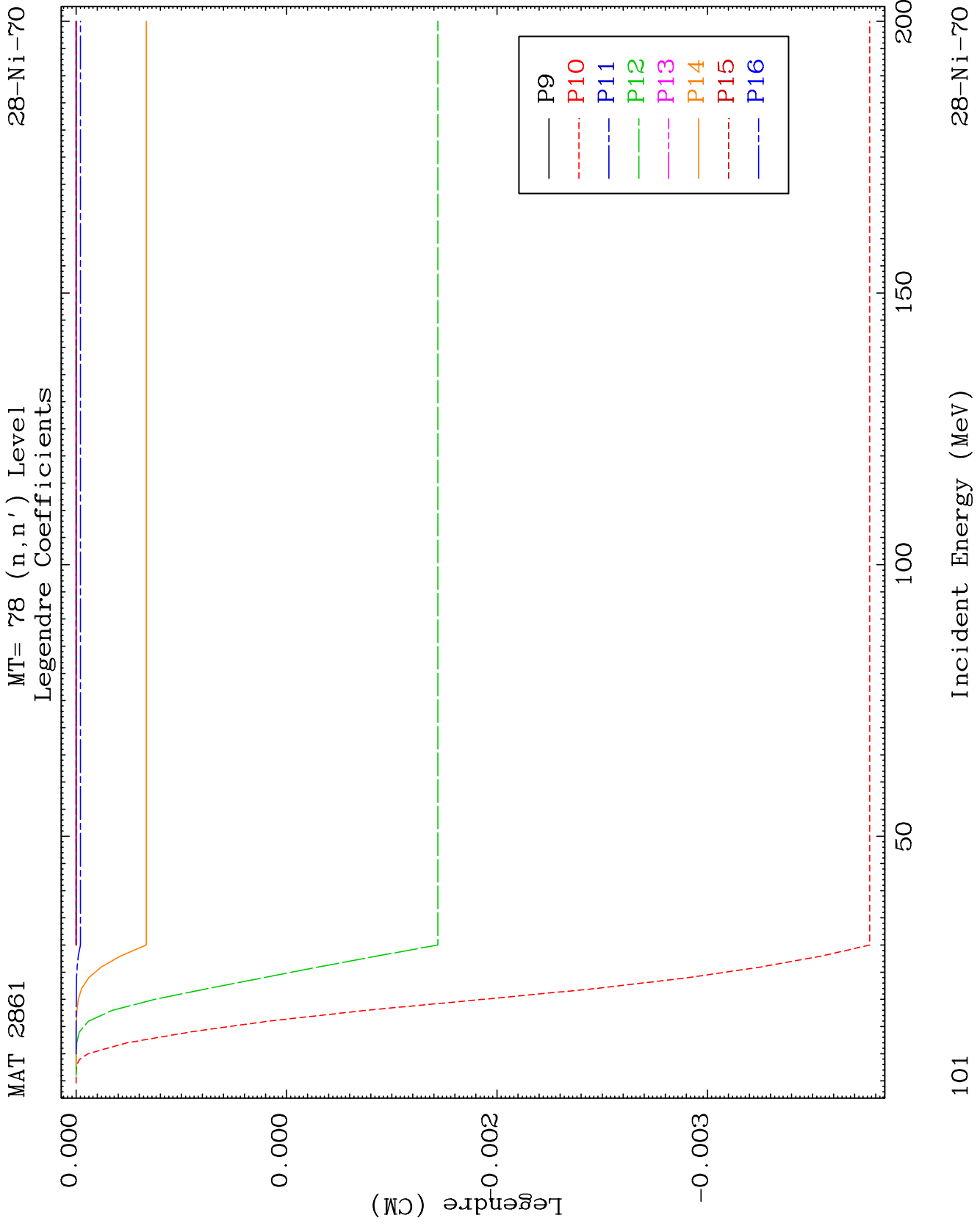
28-Ni-70

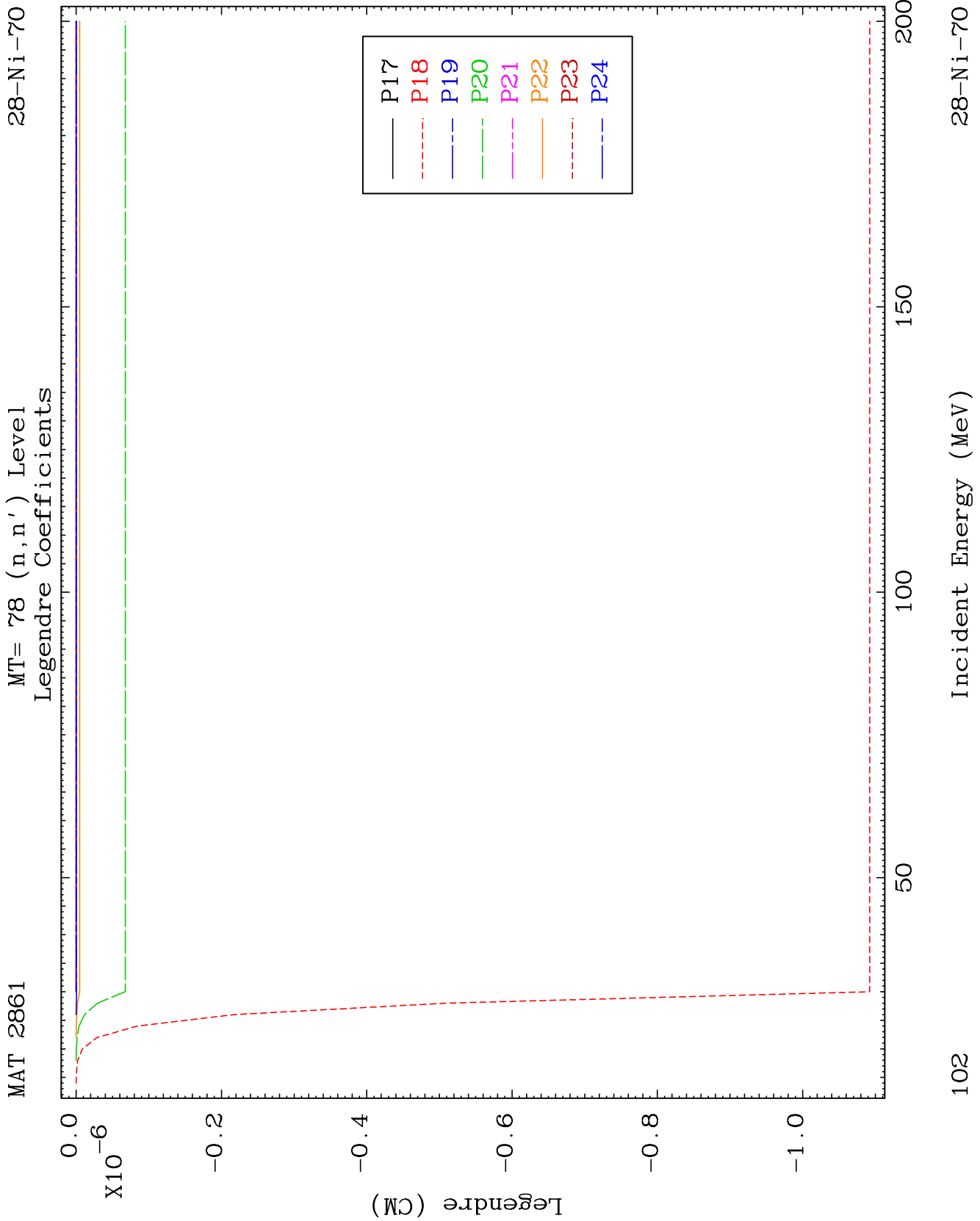
MAT 2861

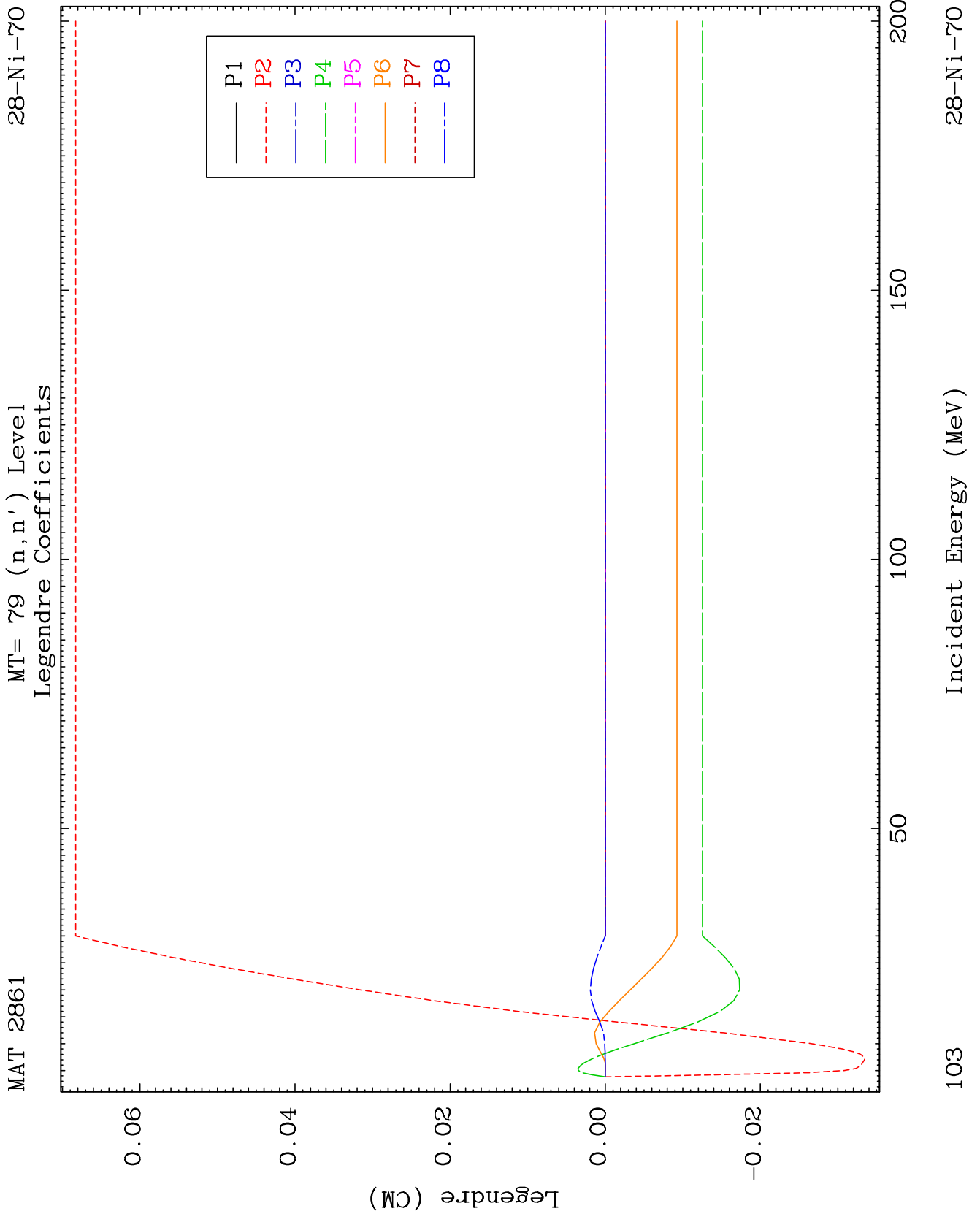
MT= 77 (n,n') Level
Legendre Coefficients

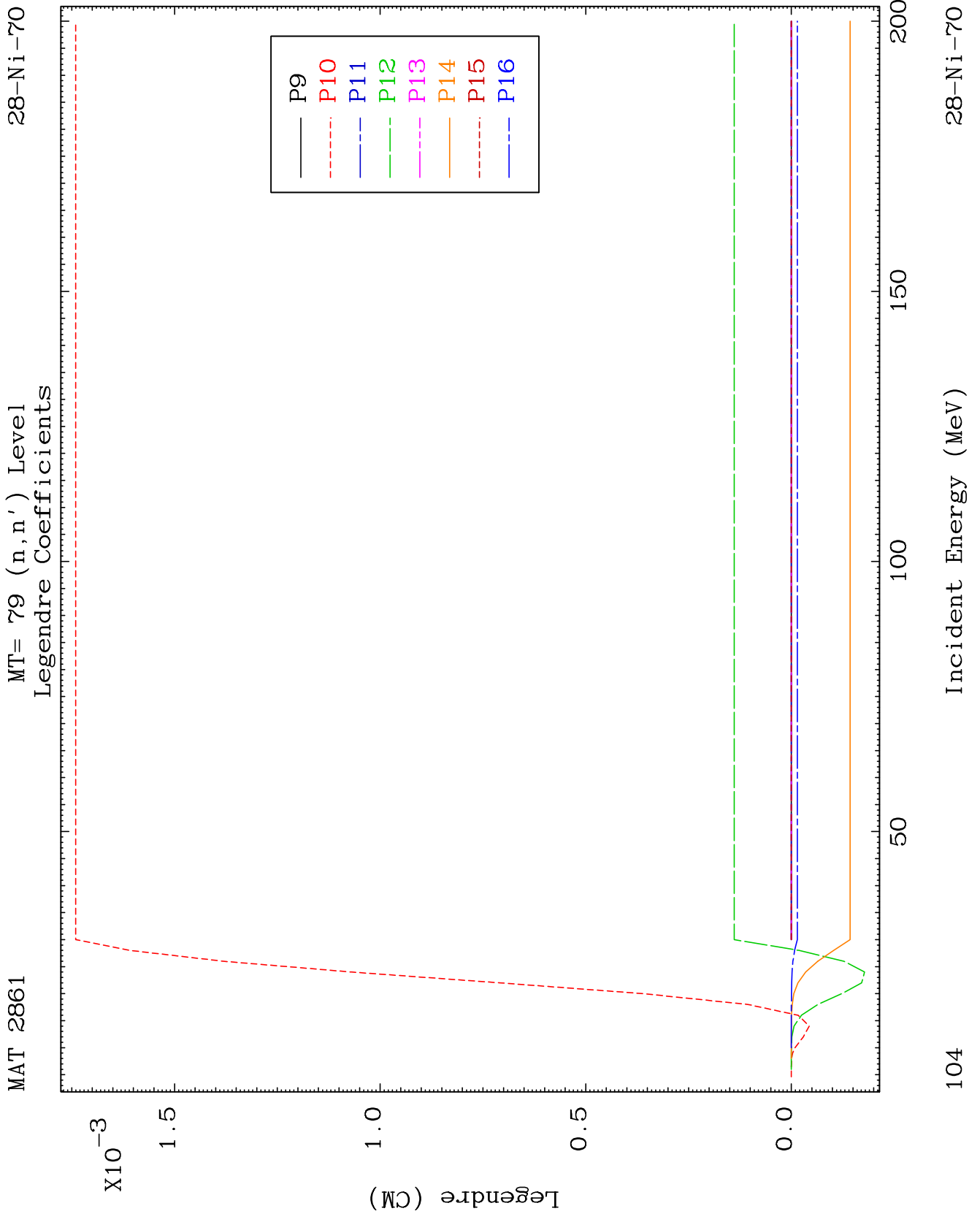
28-Ni-70

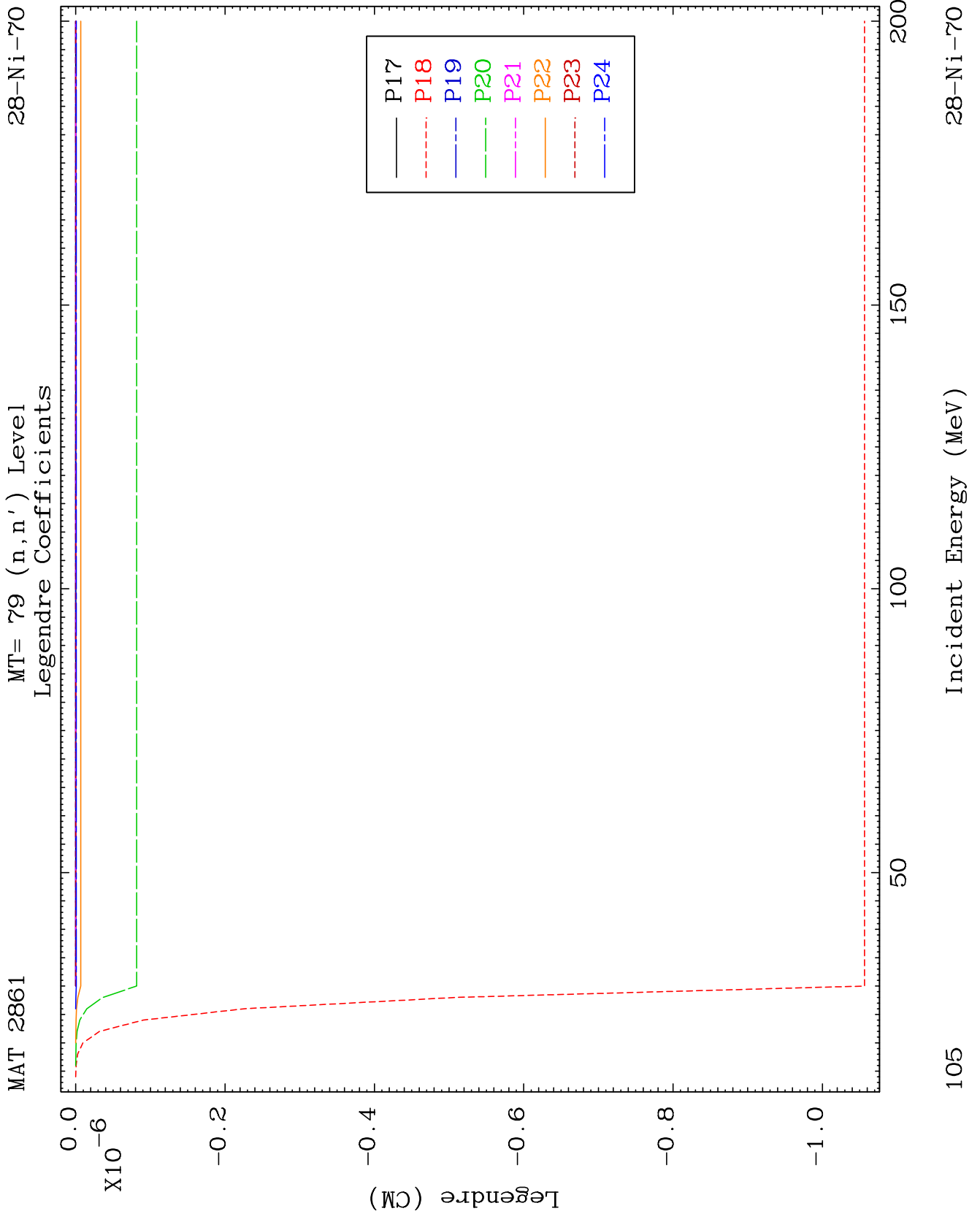








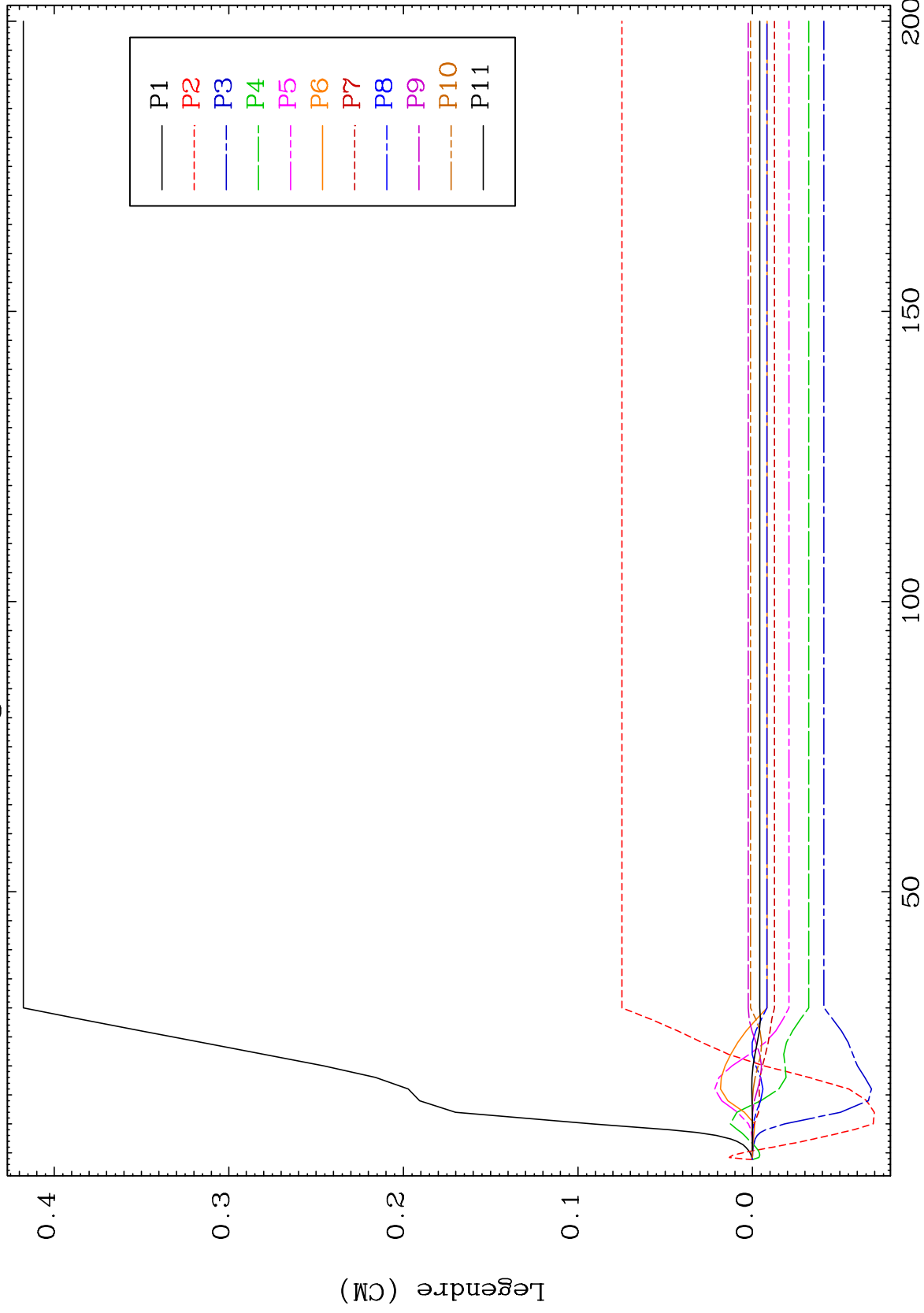




MAT 2861

MT= 80 (n,n') Level
Legendre Coefficients

28-Ni-70



106

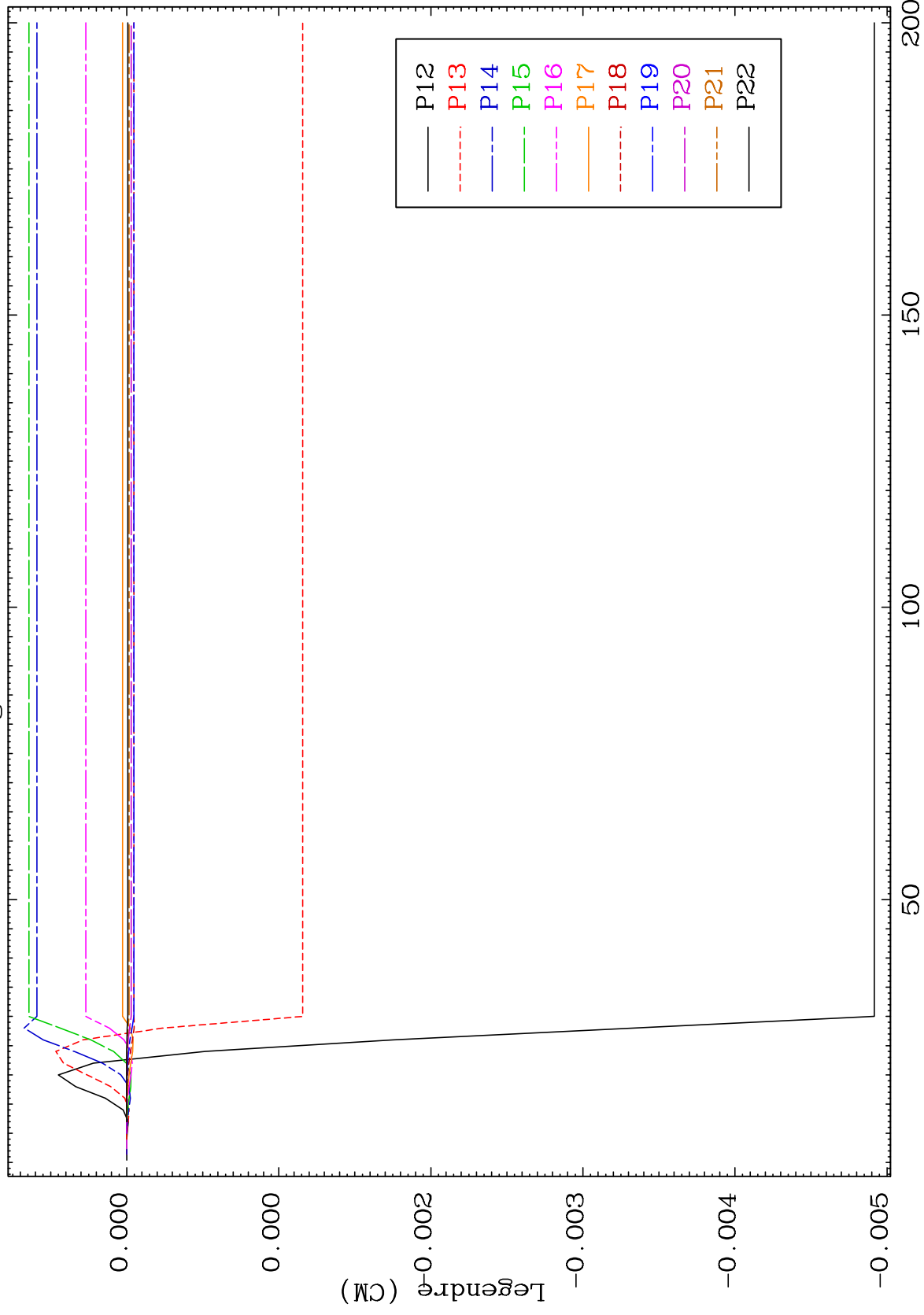
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 80 (n,n') Level
Legendre Coefficients

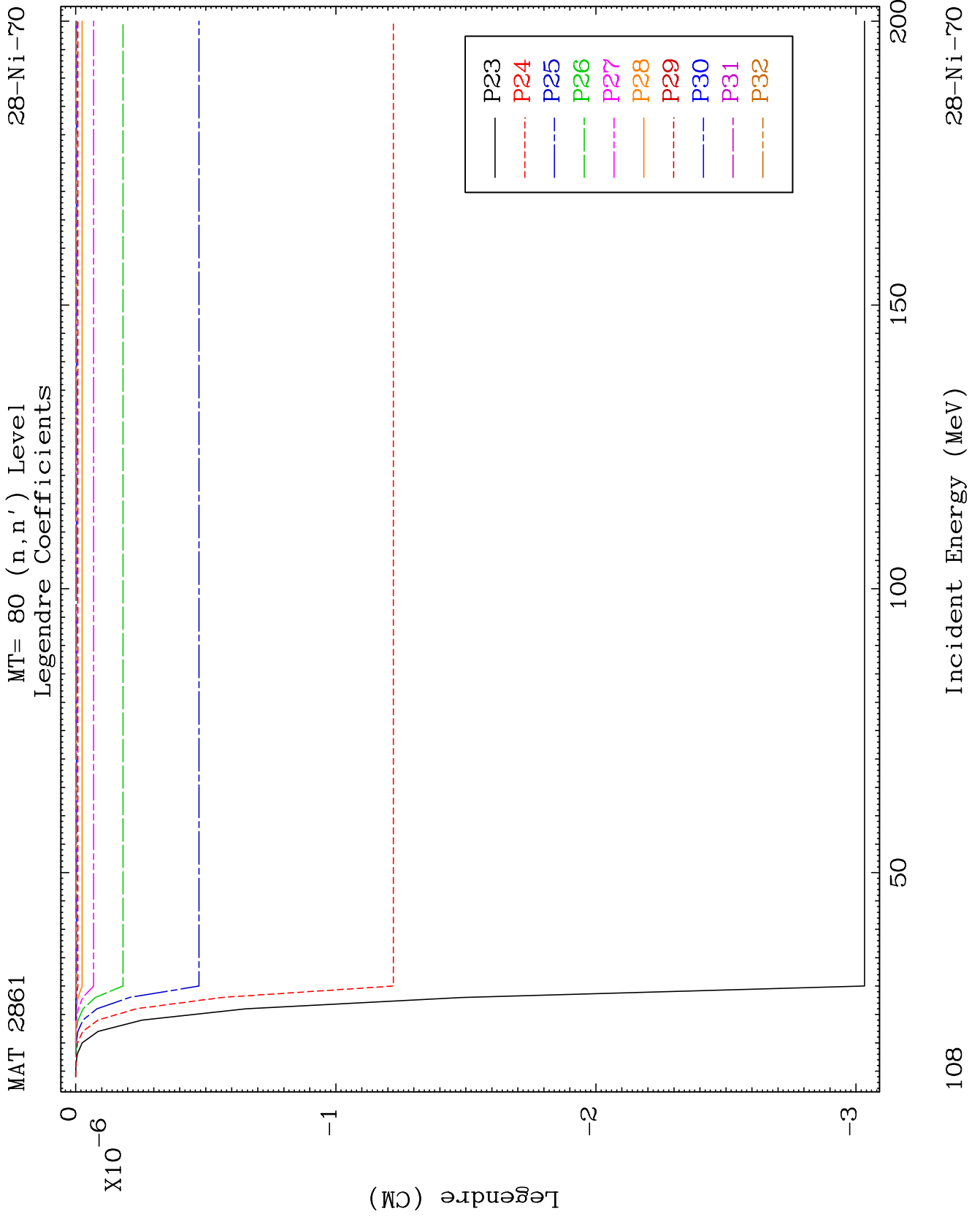
28-Ni-70



107

Incident Energy (MeV)

28-Ni-70

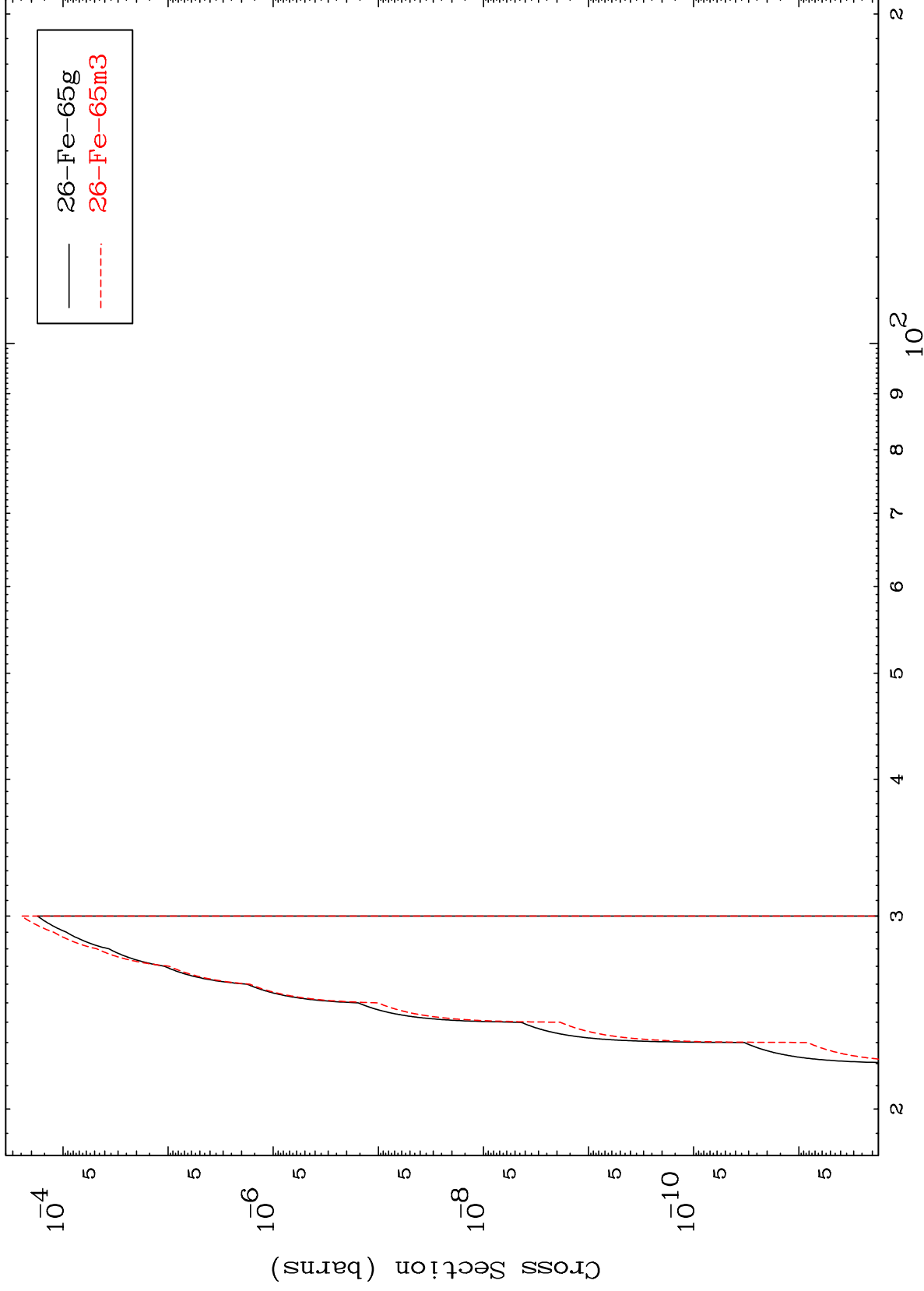


MAT 2861

(n,2n) α

28-Ni-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

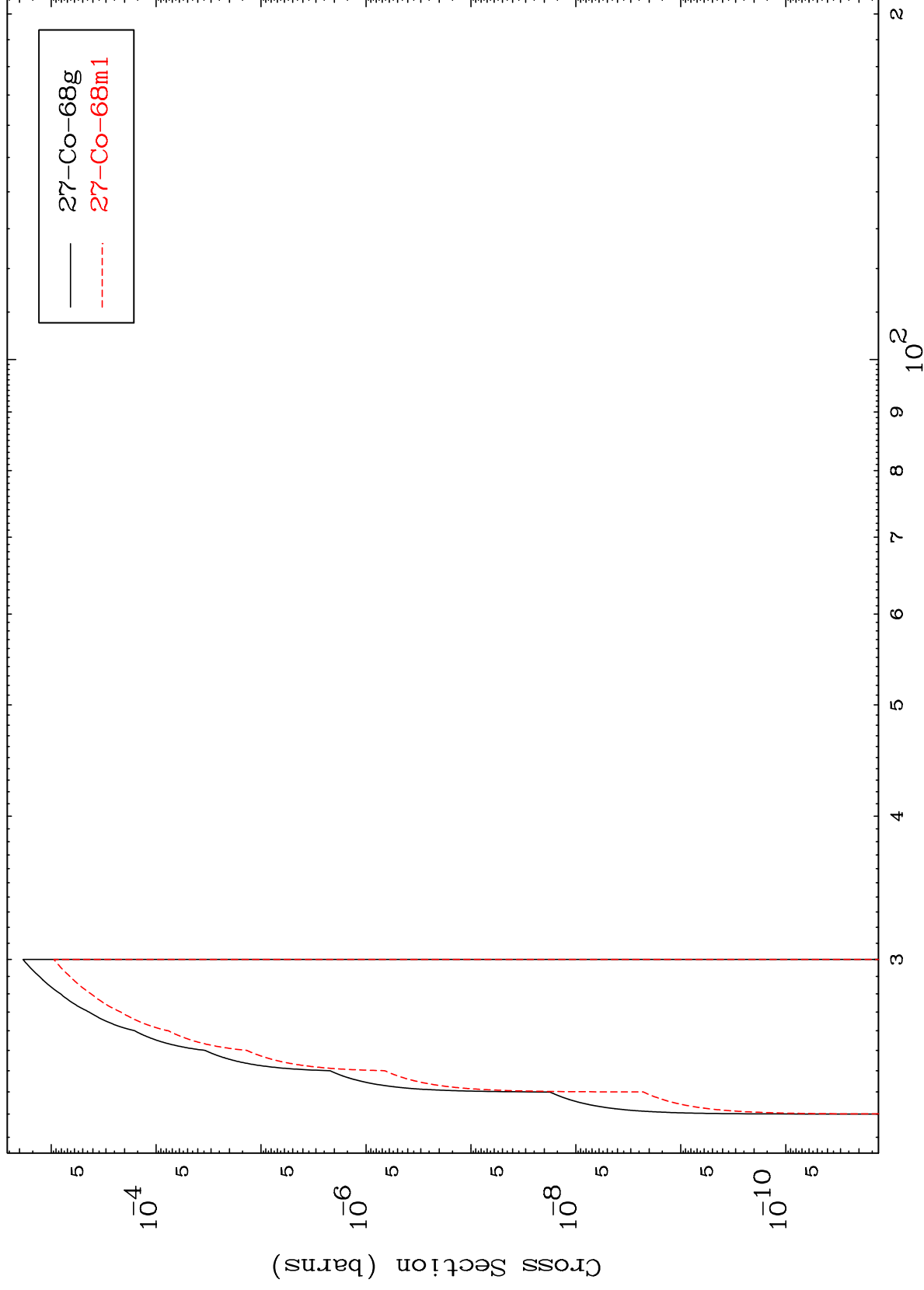
28-Ni-70

MAT 2861

(n,n') d

28-Ni-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

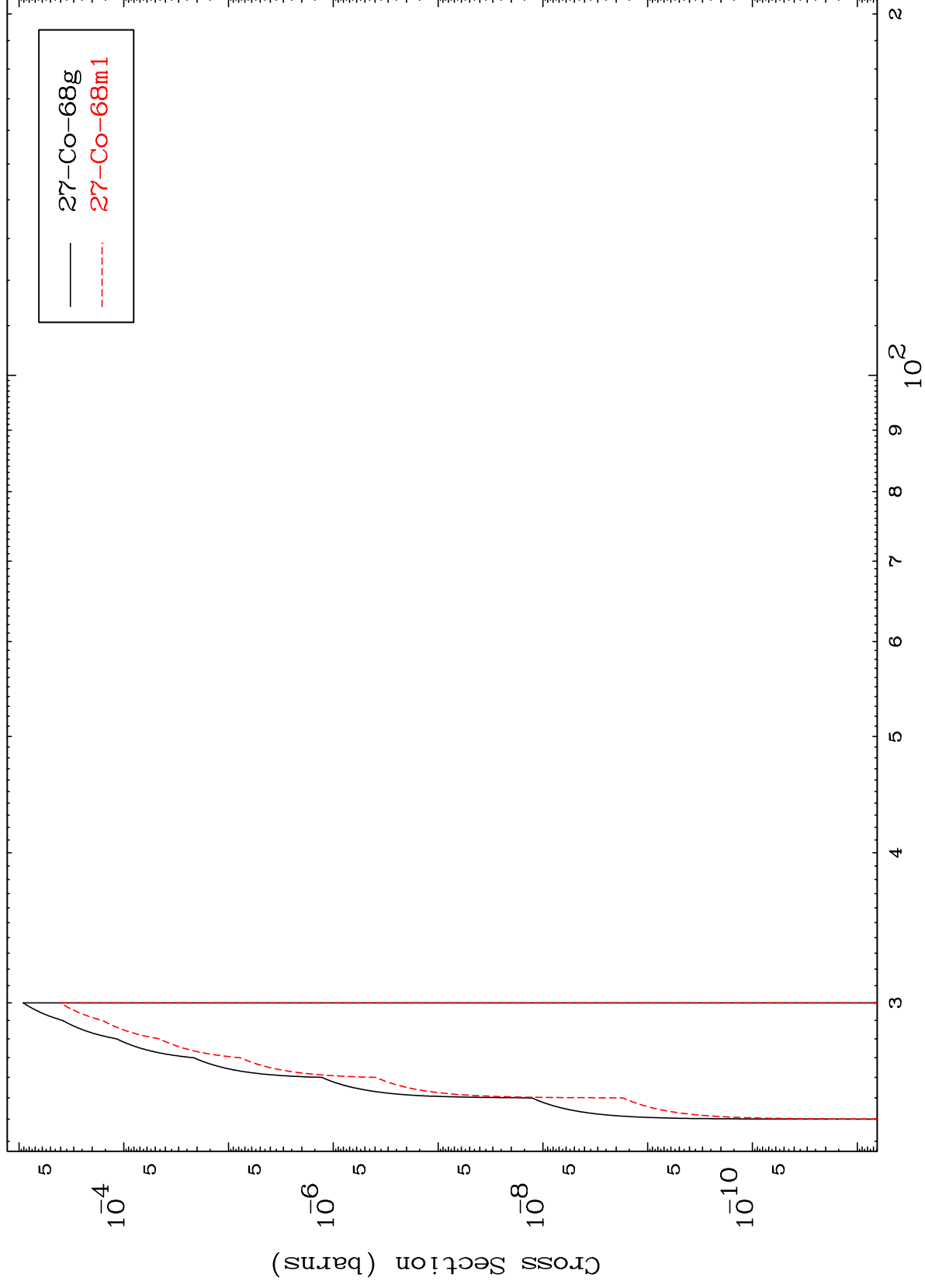
28-Ni-70

MAT 2861

(n,2n) p

²⁸Ni-70

Radionuclide Production Cross Section



111

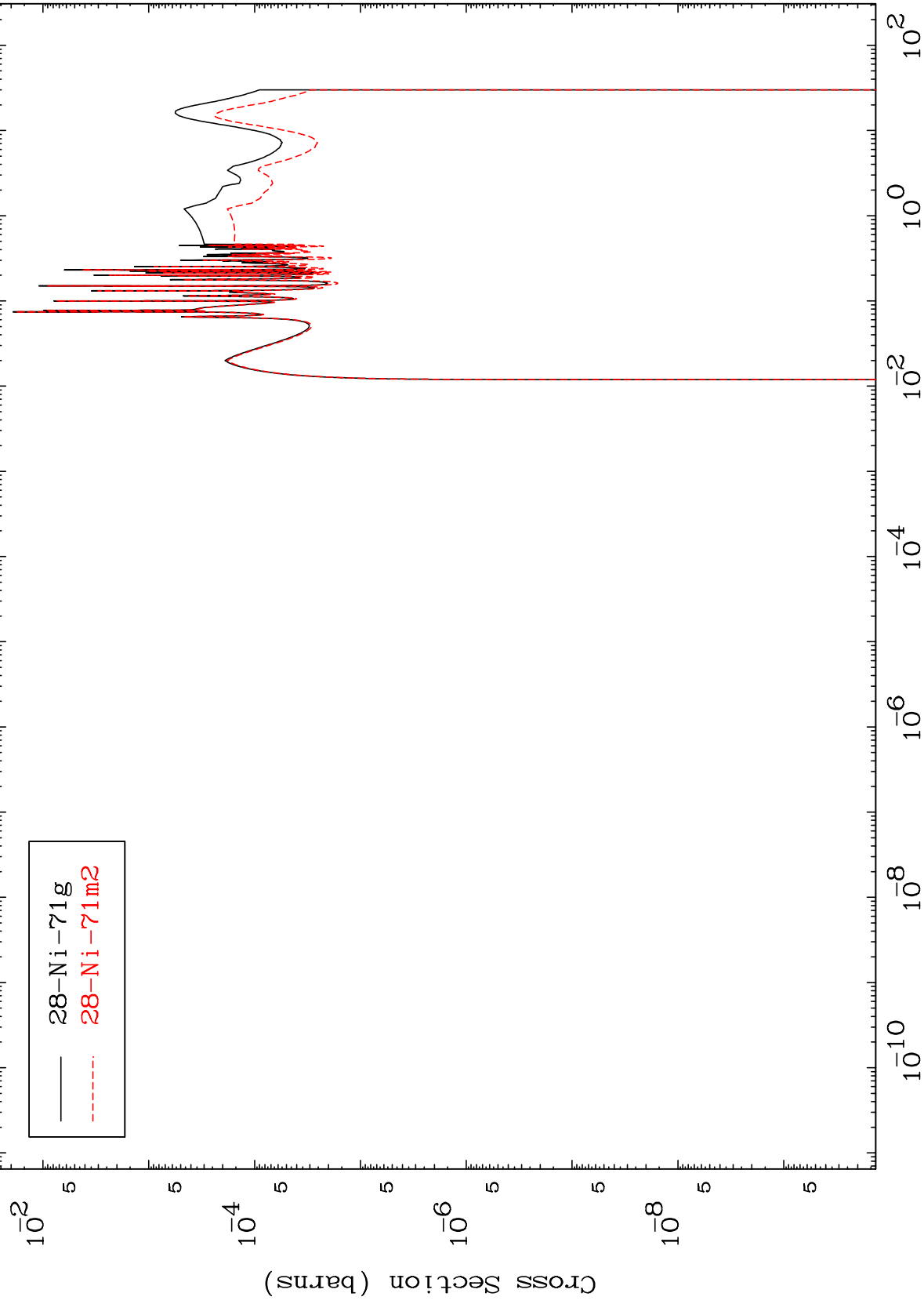
Incident Energy (MeV)

²⁸Ni-70

MAT 2861

28-Ni-70

(n, γ)
Radionuclide Production Cross Section



112

28-Ni-70

Radionuclide Production Cross Section

