

Program EVALPLOT
(Version 2017-1)

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

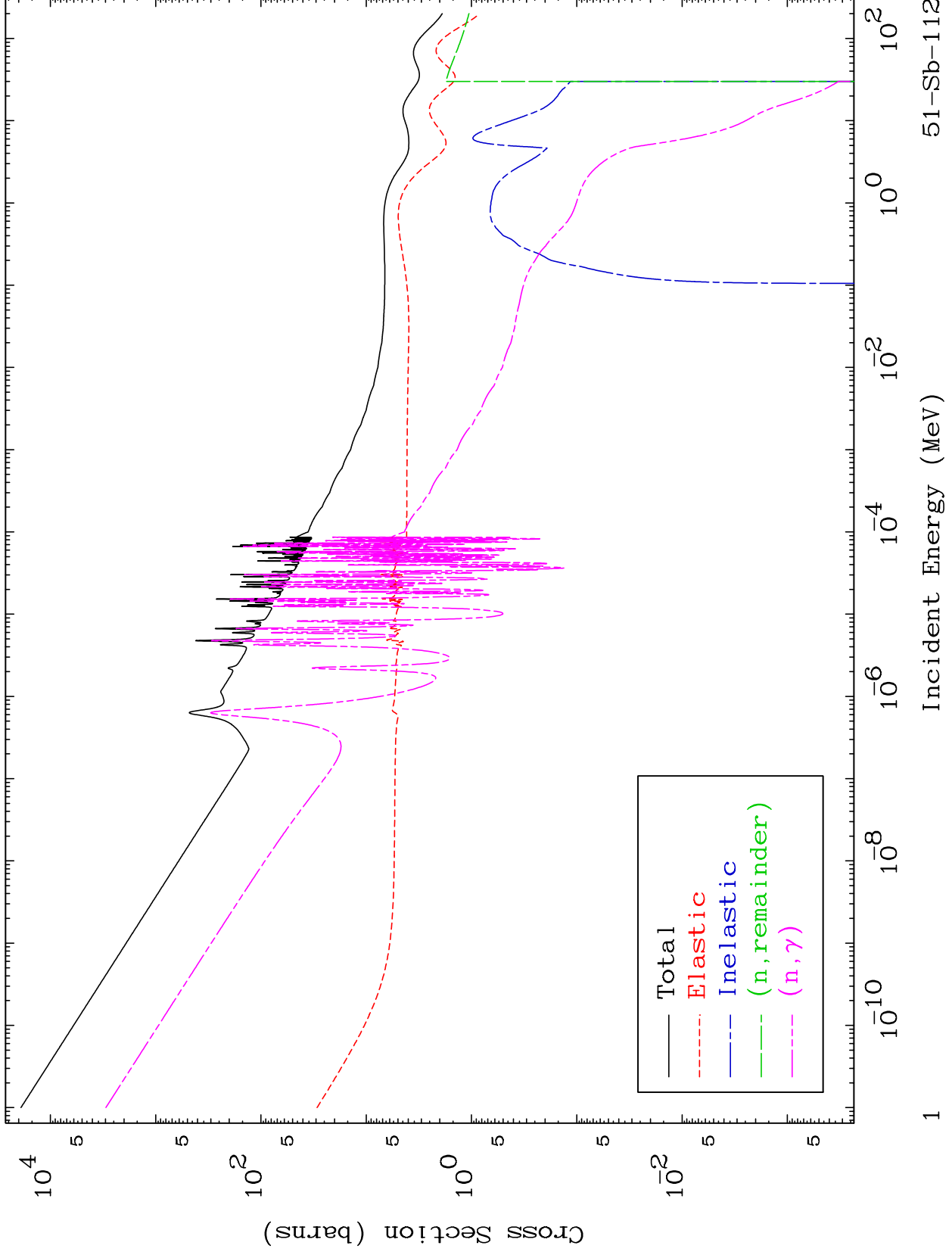
Press Mouse Button to Start

MAT 5098

Major

293 Kelvin Cross Sections

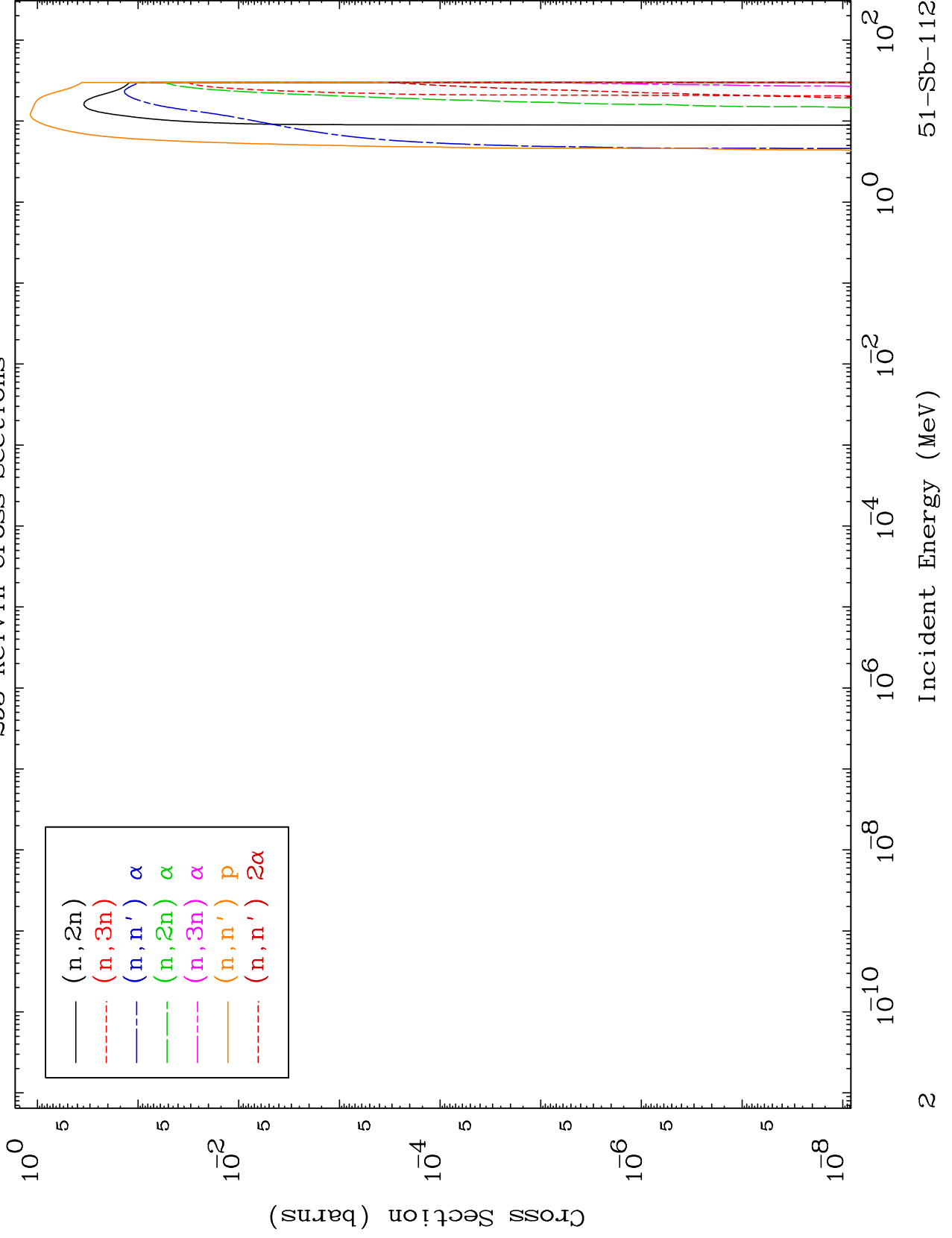
51-Sb-112

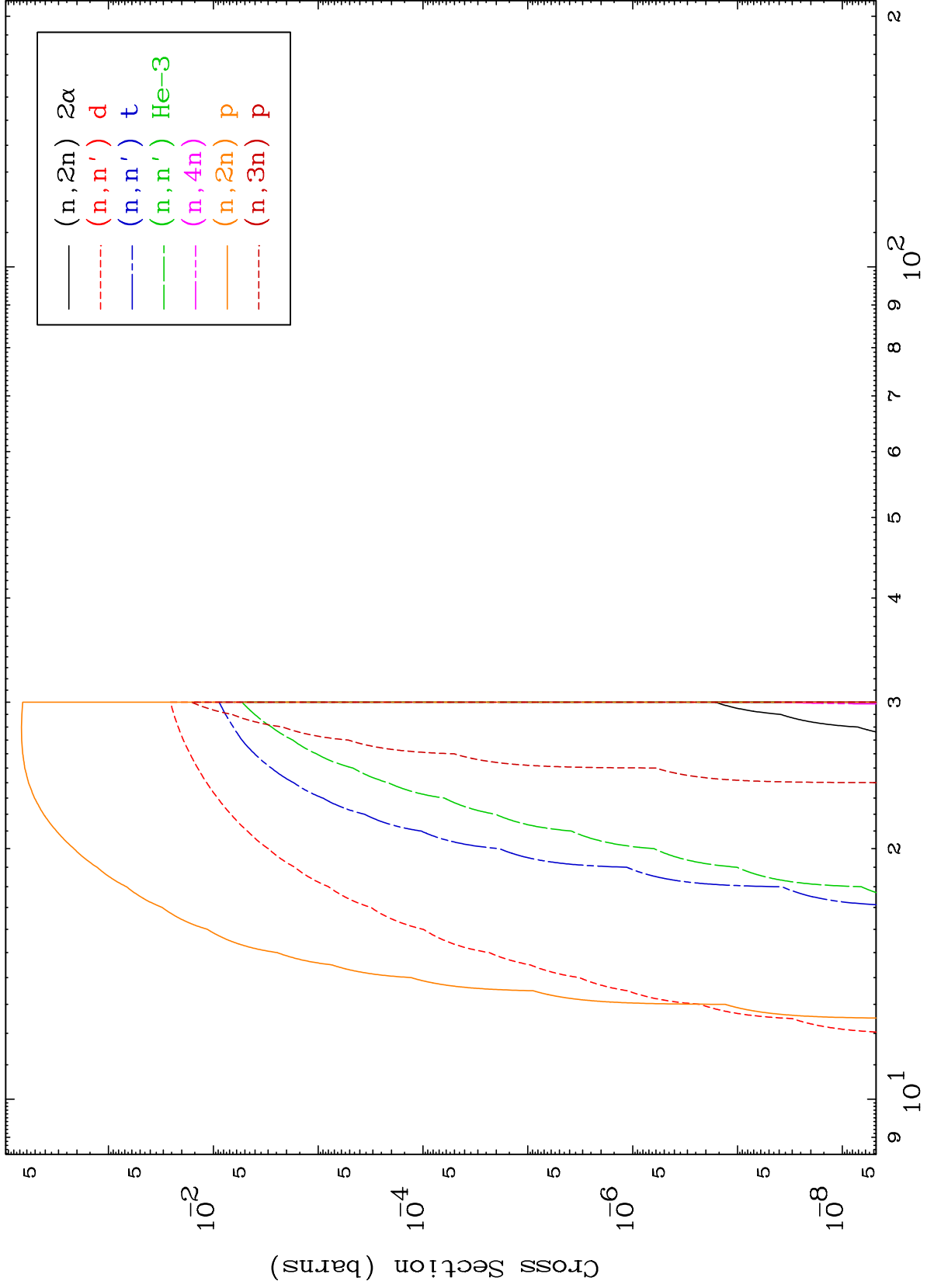


MAT 5098

Neutron Production
293 Kelvin Cross Sections

51-Sb-112

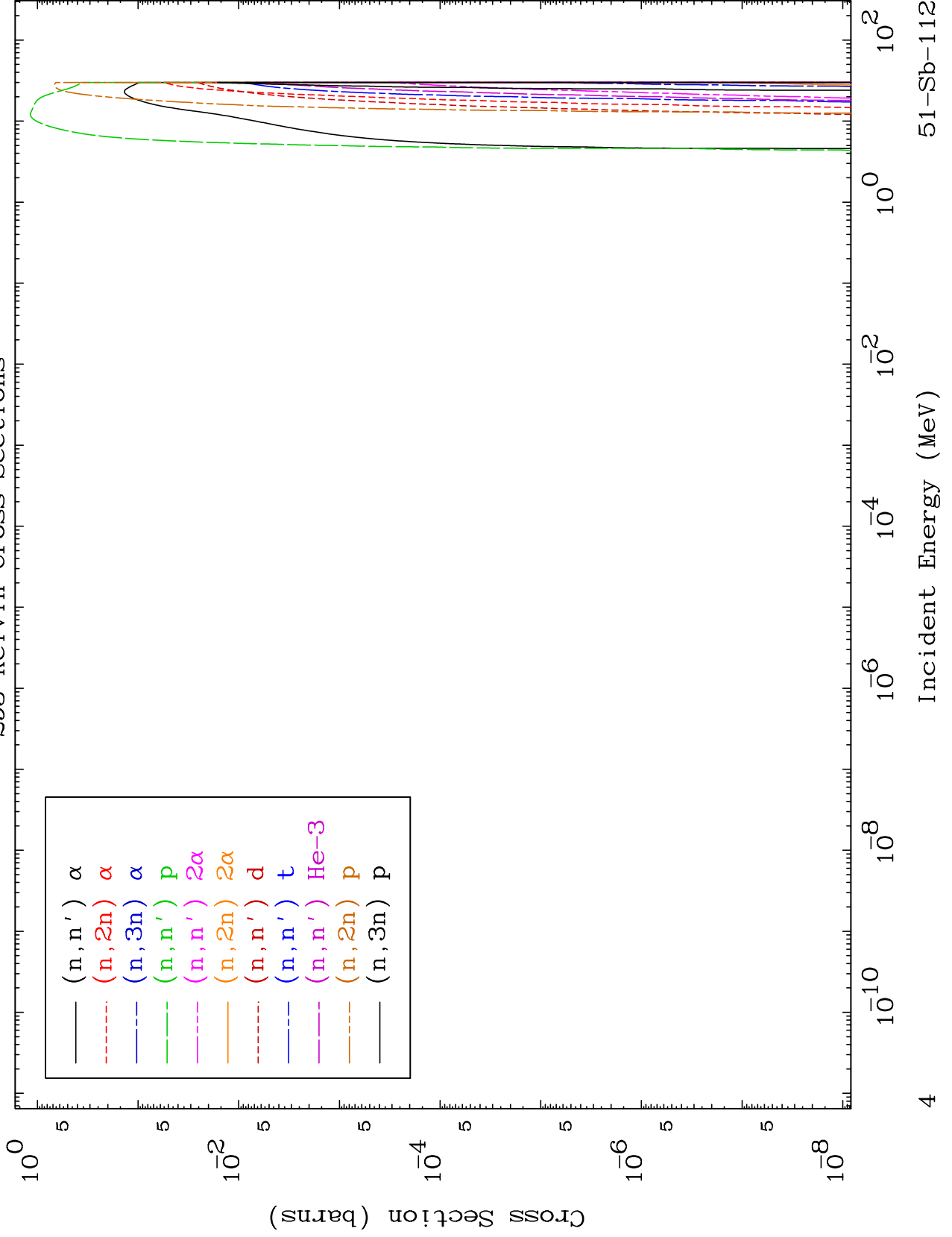




MAT 5098

Charged Particle
293 Kelvin Cross Sections

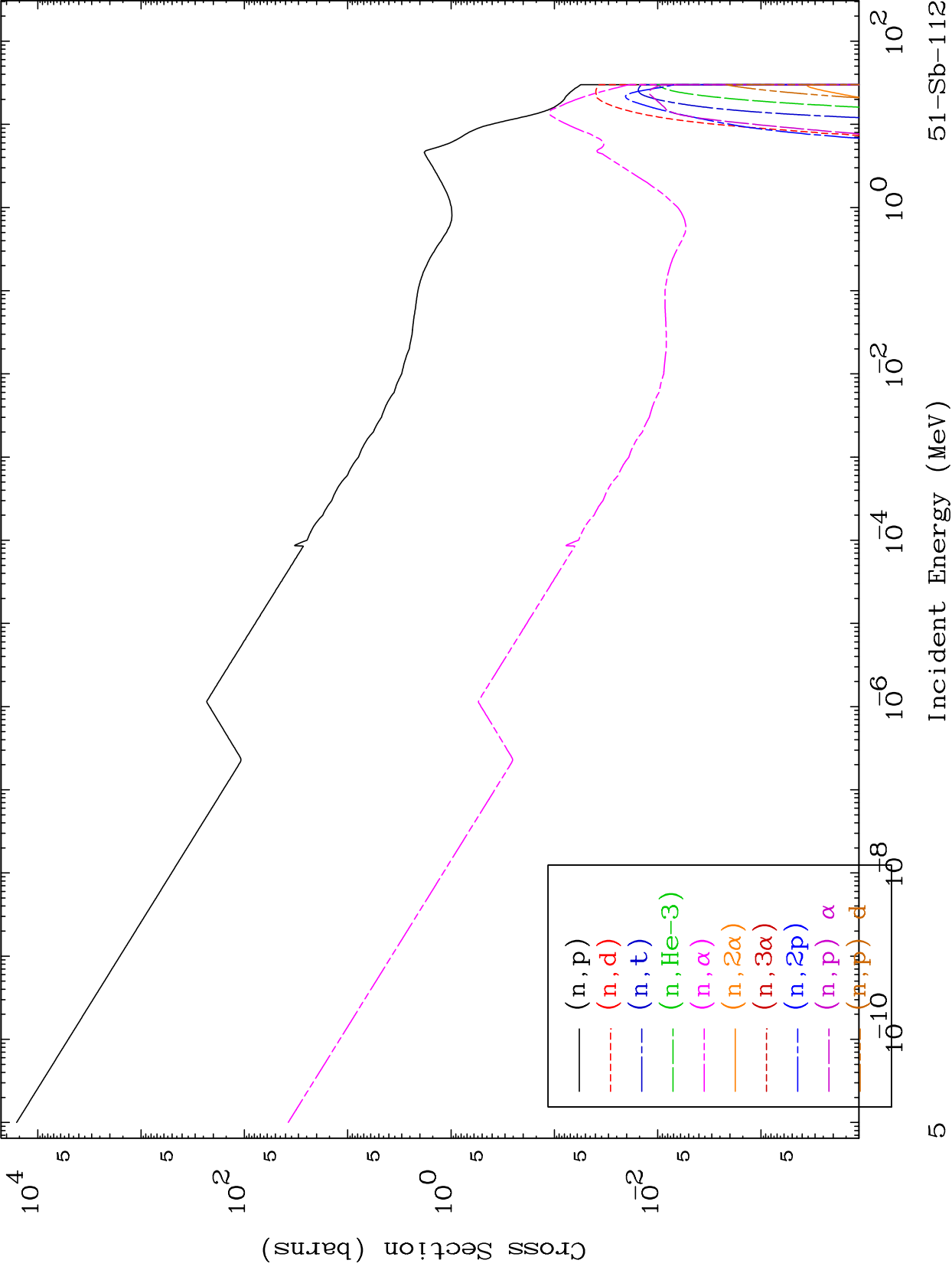
51-Sb-112



MAT 5098

Charged Particle
293 Kelvin Cross Sections

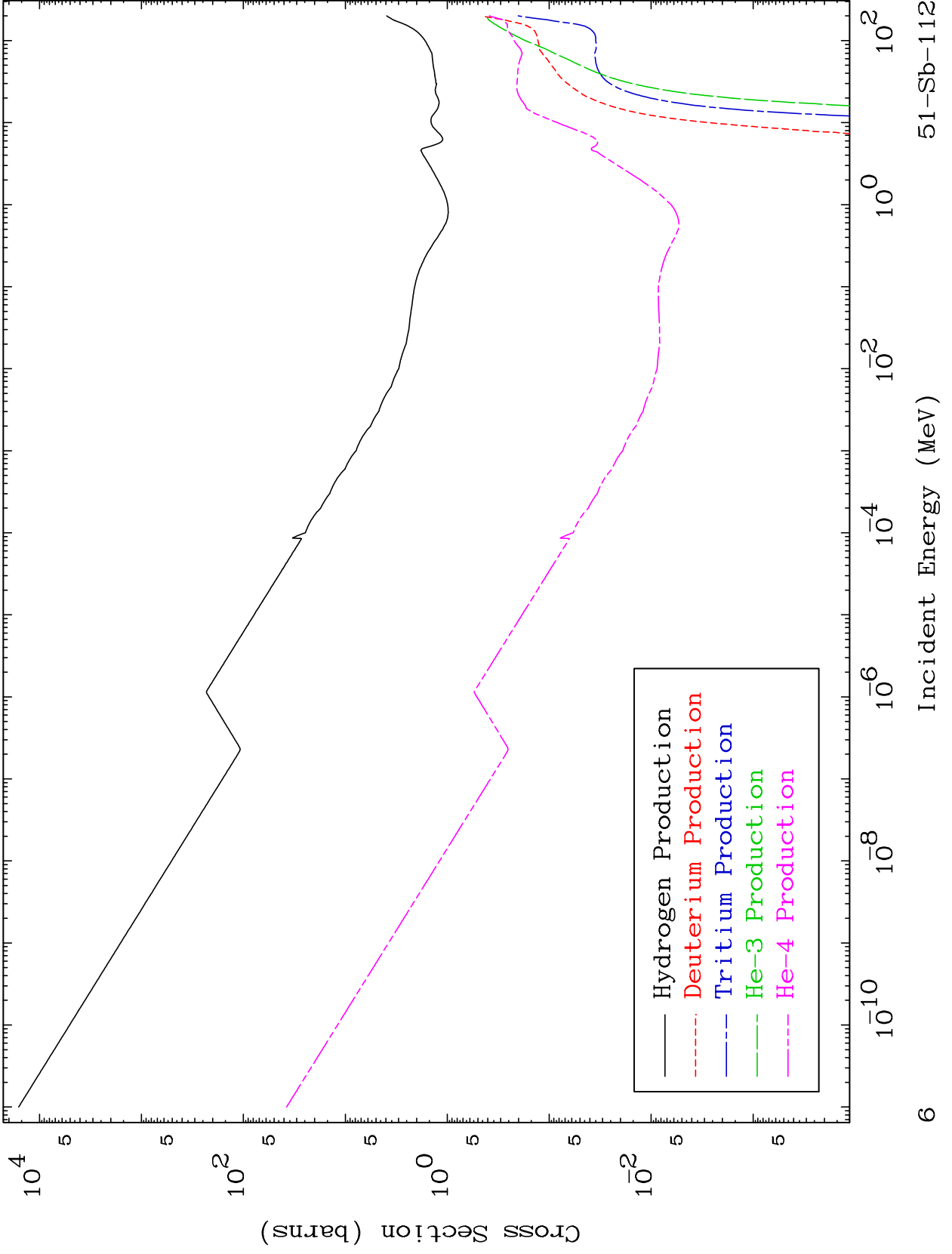
51-Sb-112



MAT 5098

Particle Production
293 Kelvin Cross Sections

51-Sb-112

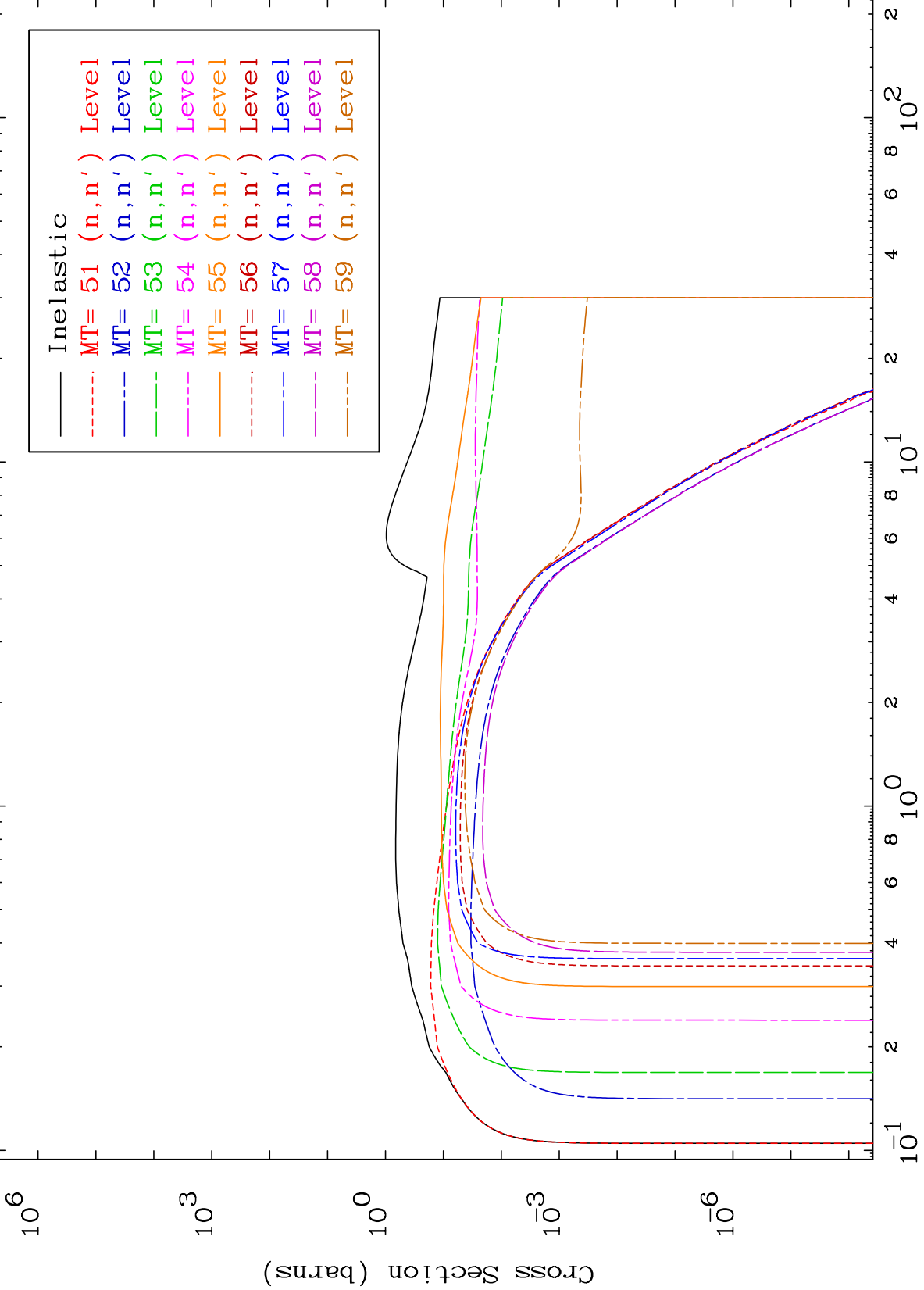


MAT 5098

(n,n') Level

51-Sb-112

293 Kelvin Cross Sections

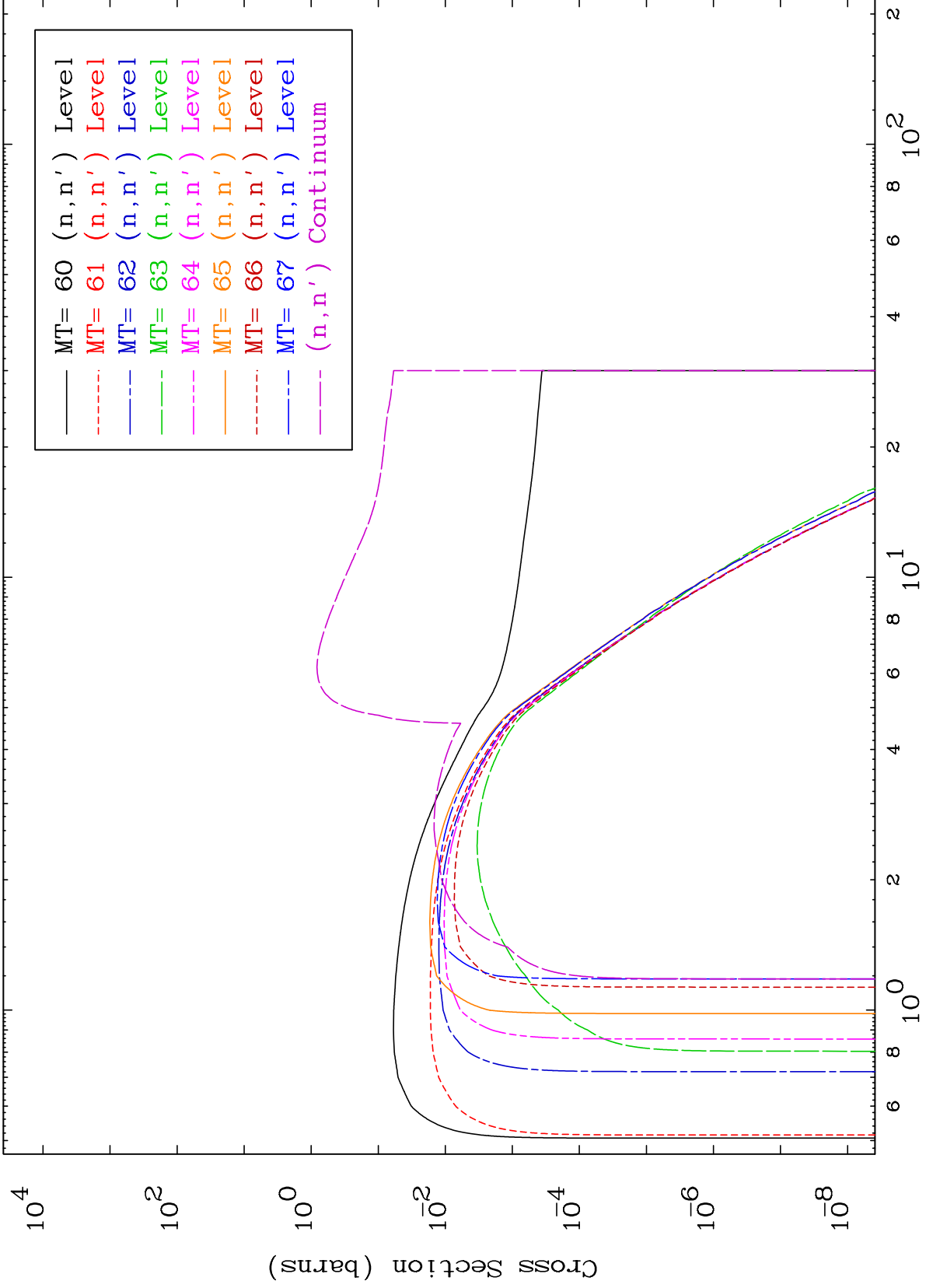


Incident Energy (MeV)

51-Sb-112

7

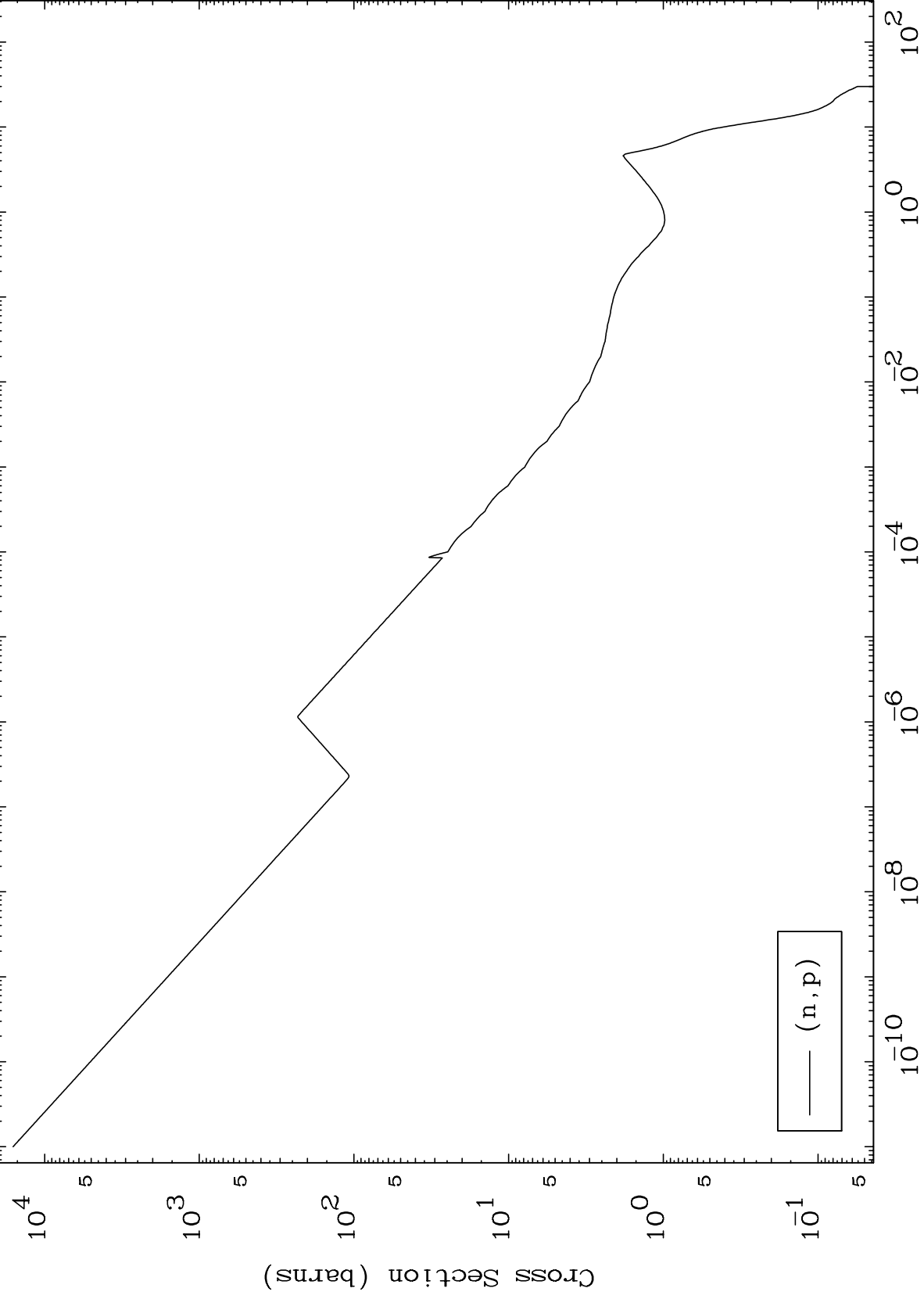
293 Kelvin Cross Sections



MAT 5098

(n,p) Levels
293 Kelvin Cross Sections

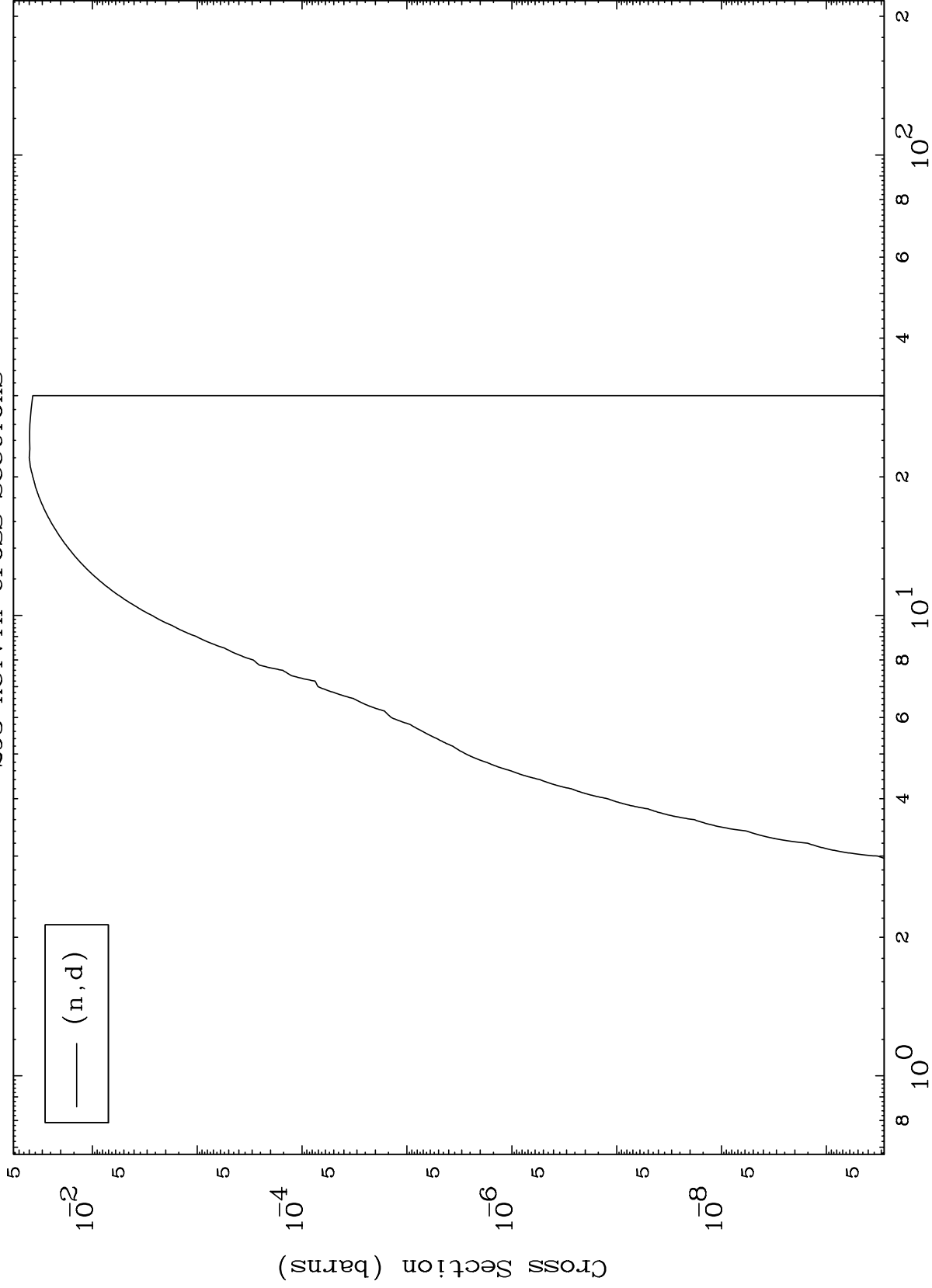
51-Sb-112



MAT 5098

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-112



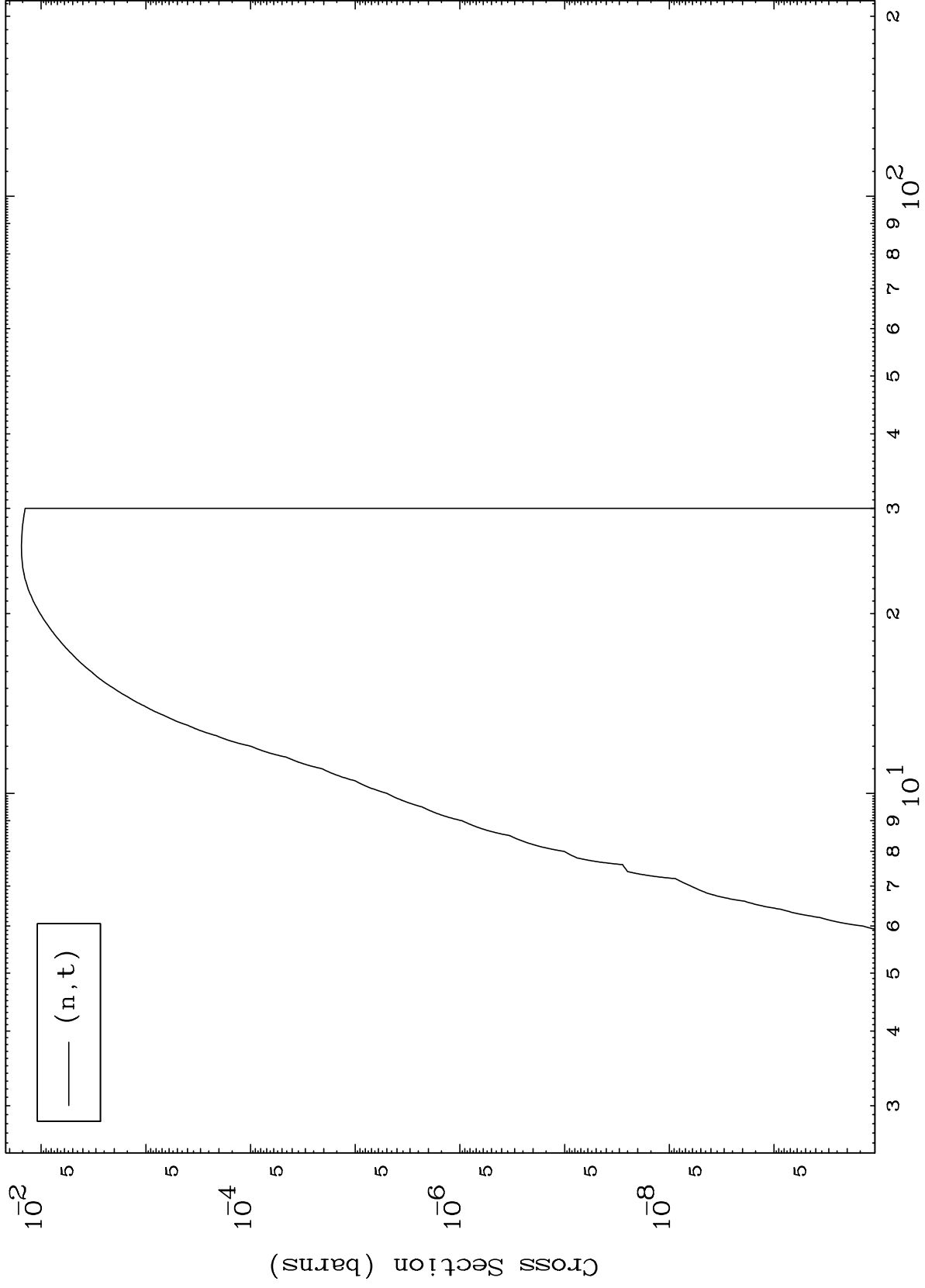
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-112



(n,t)

11

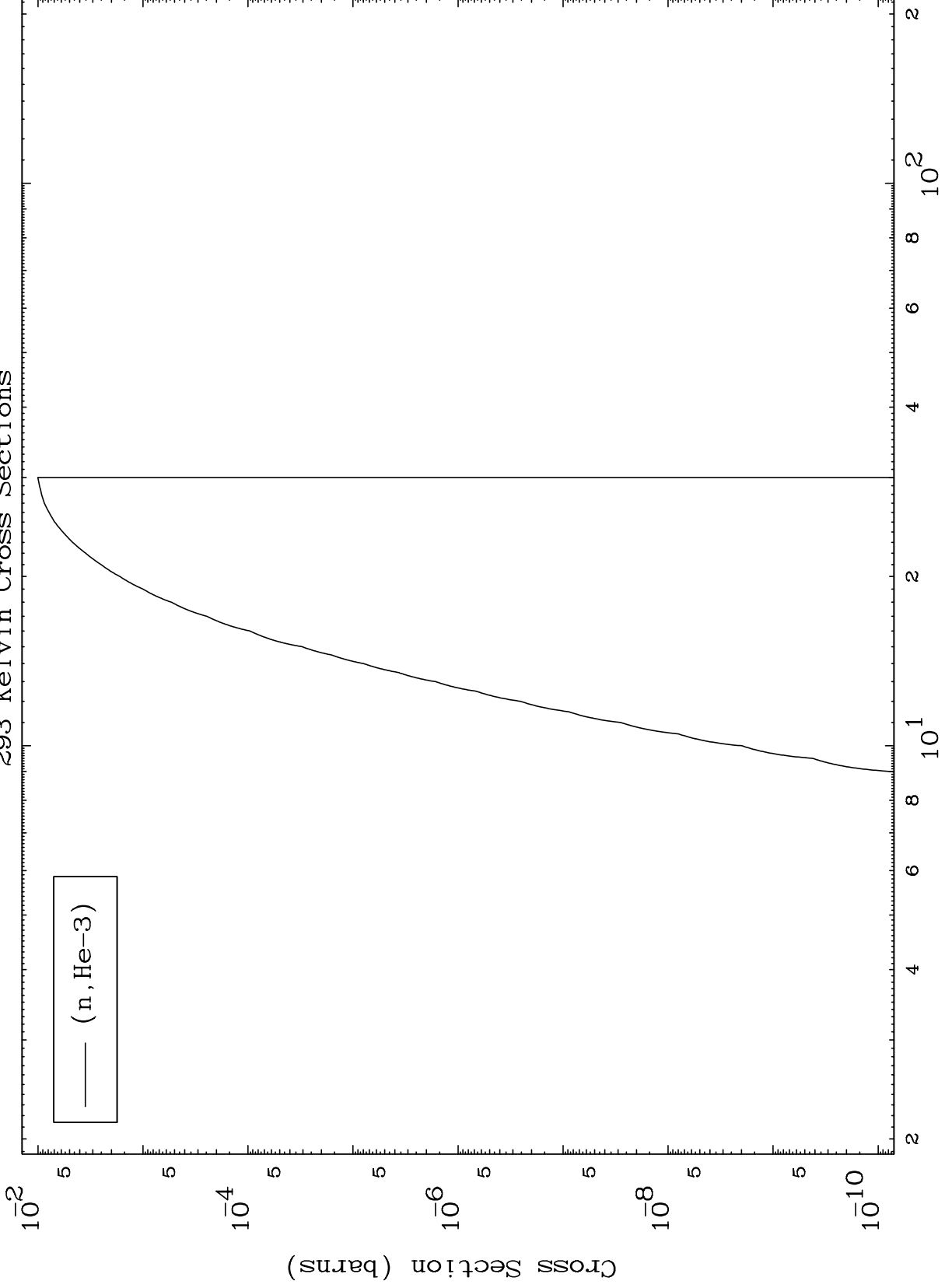
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-112



12

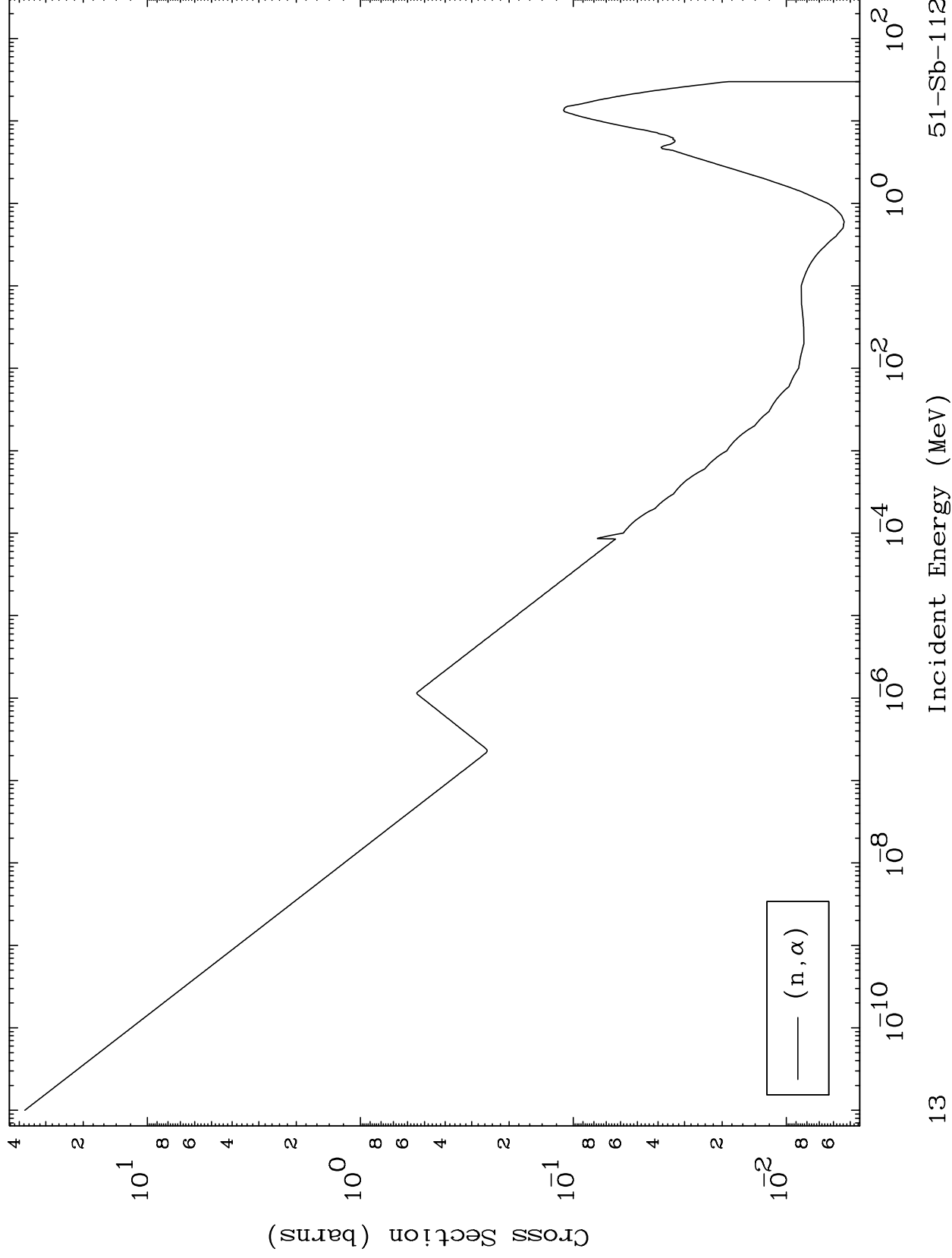
Incident Energy (MeV)

51-Sb-112

MAT 5098

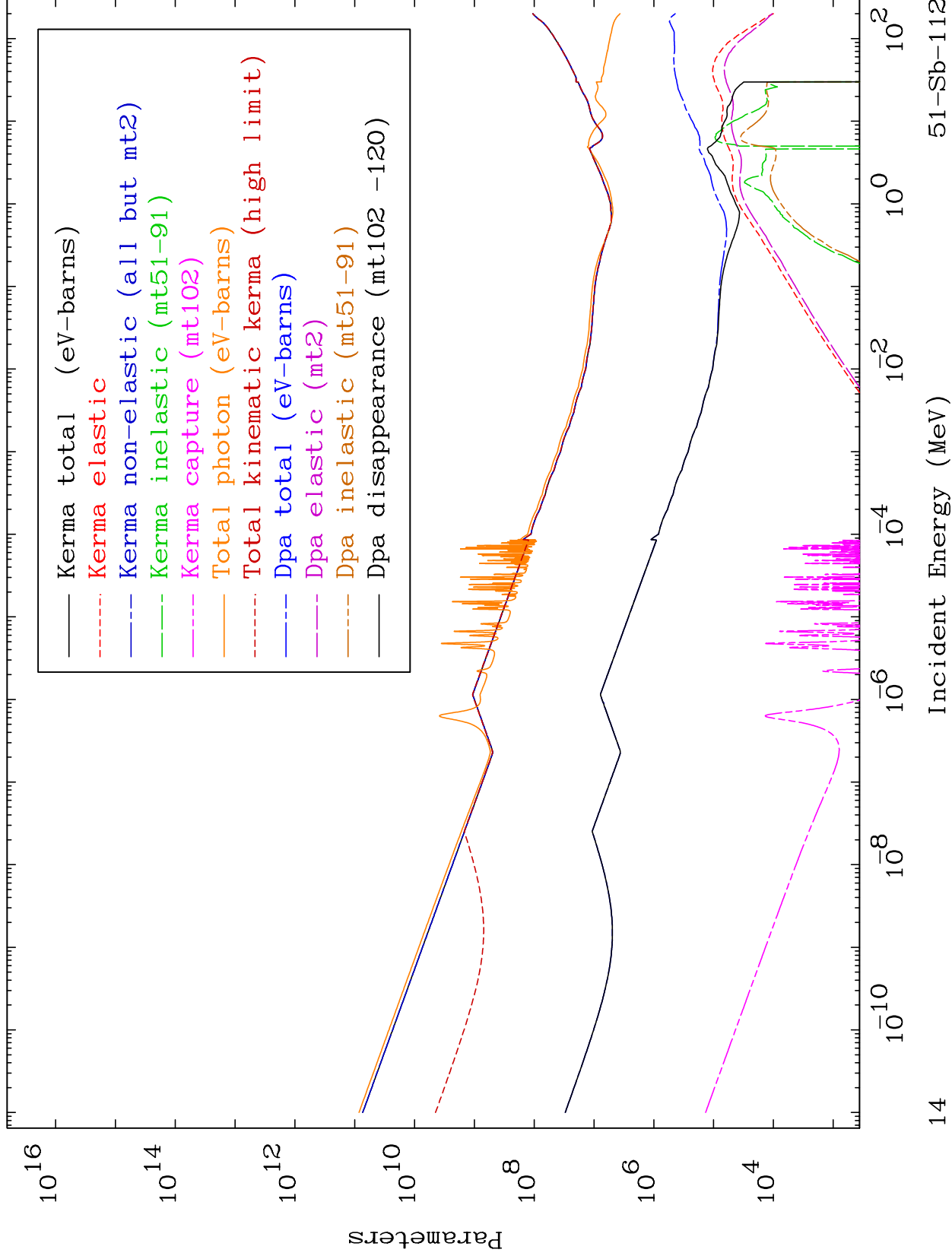
(n,α) Levels
293 Kelvin Cross Sections

51-Sb-112



13

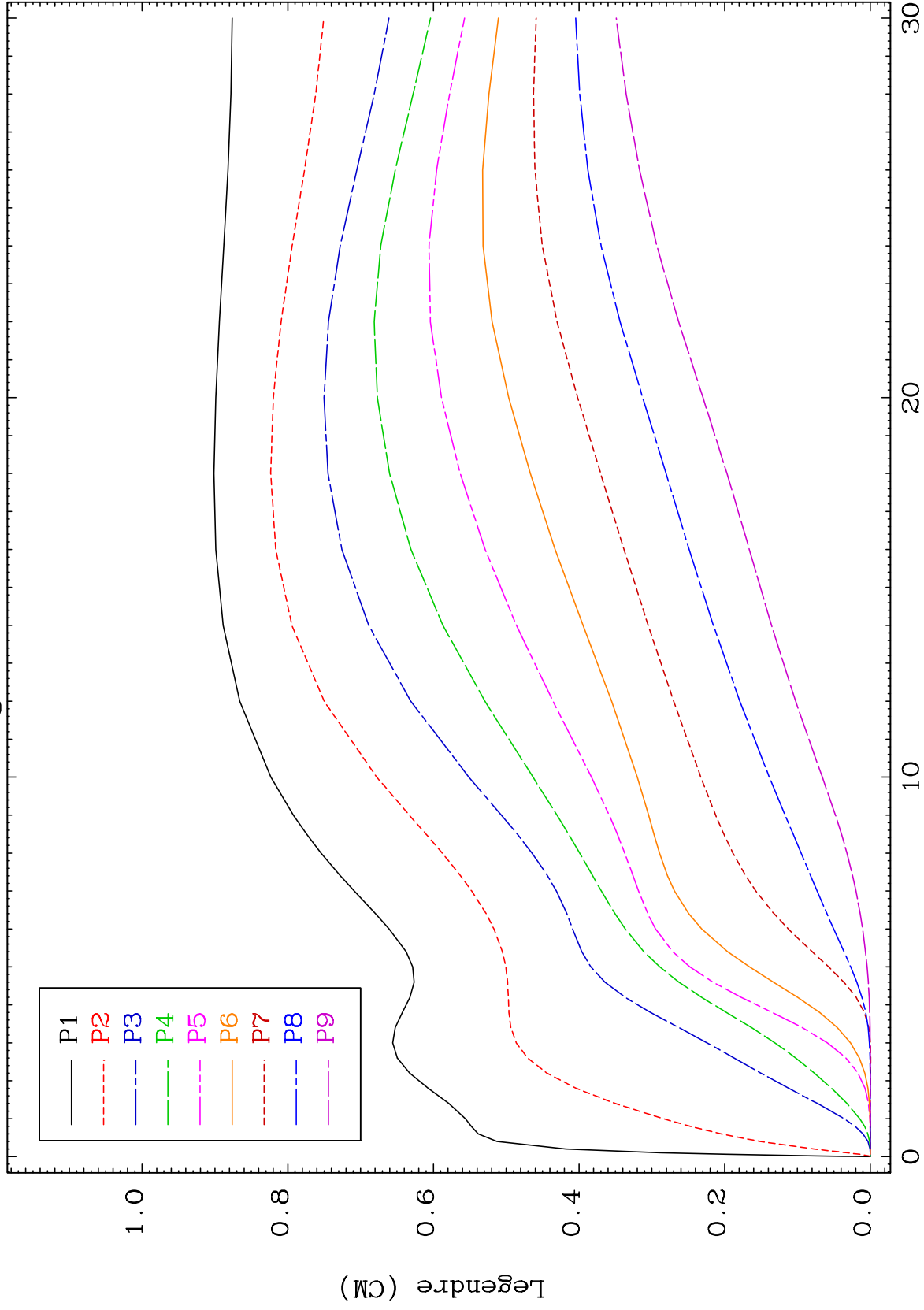
51-Sb-112



MAT 5098

Elastic Legendre Coefficients

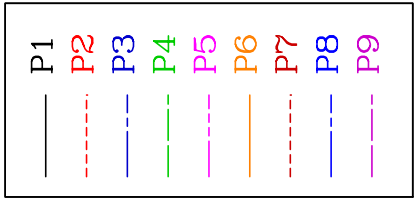
51-Sb-112

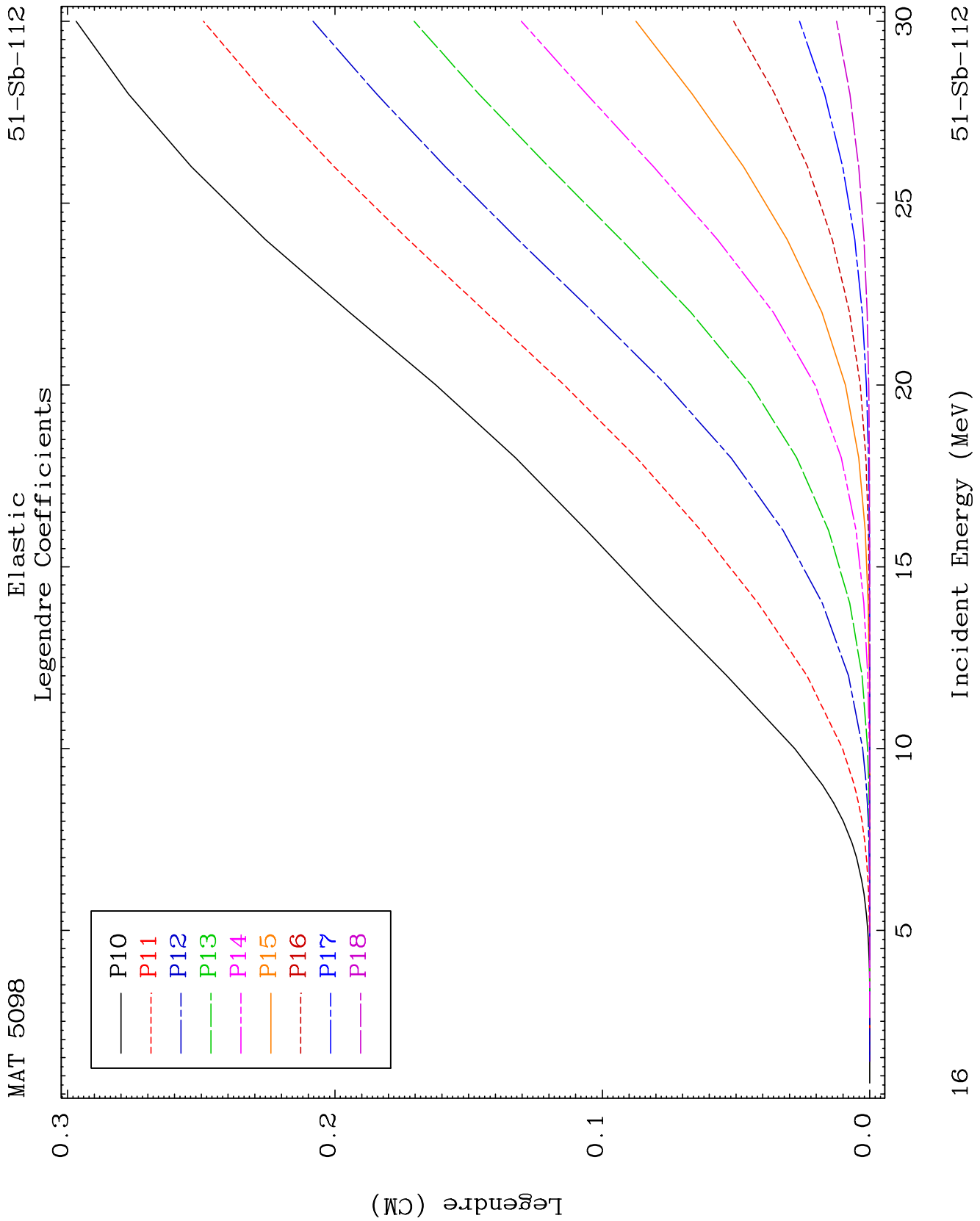


15

Incident Energy (MeV)

51-Sb-112

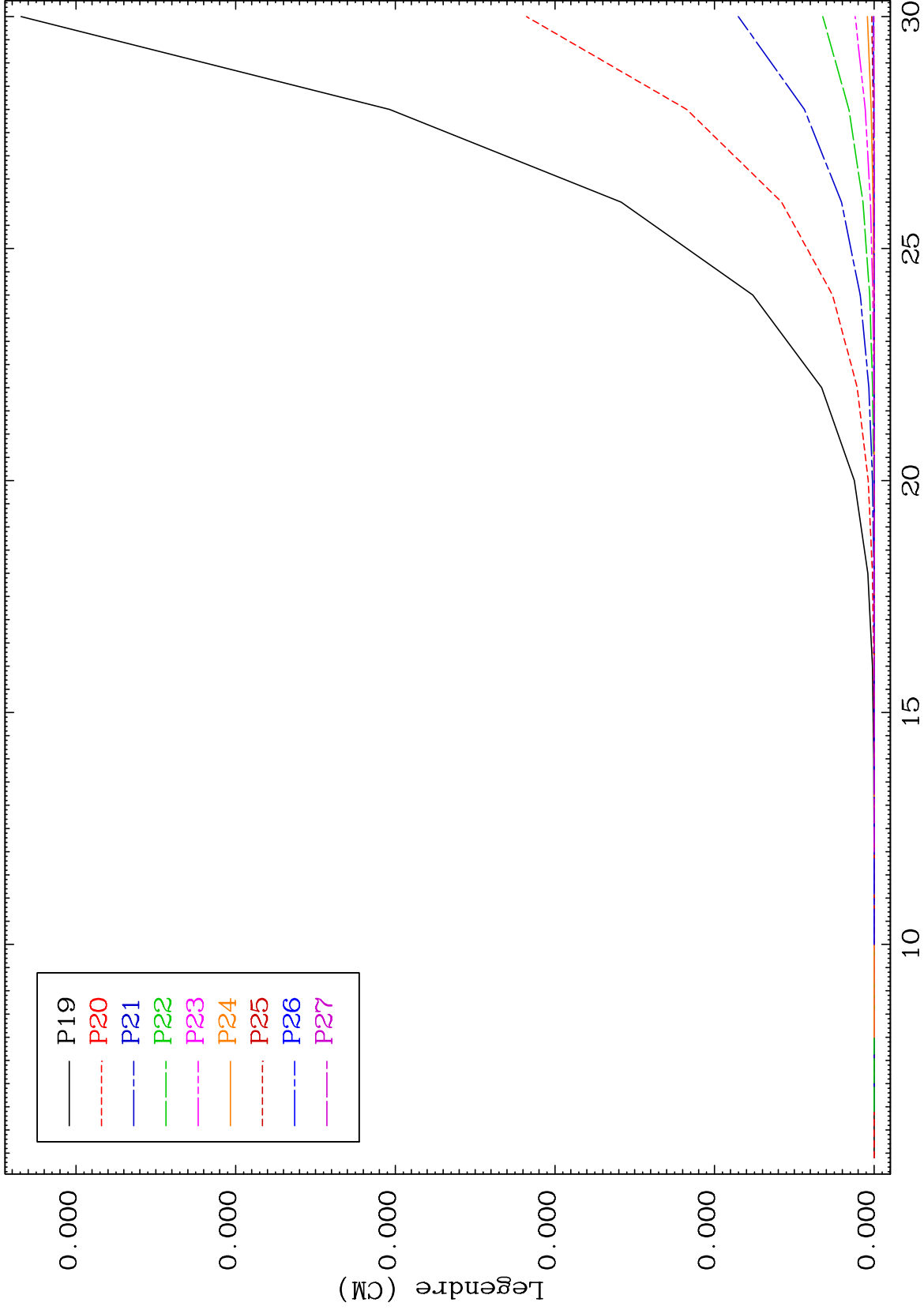




MAT 5098

Elastic Legendre Coefficients

51-Sb-112



17

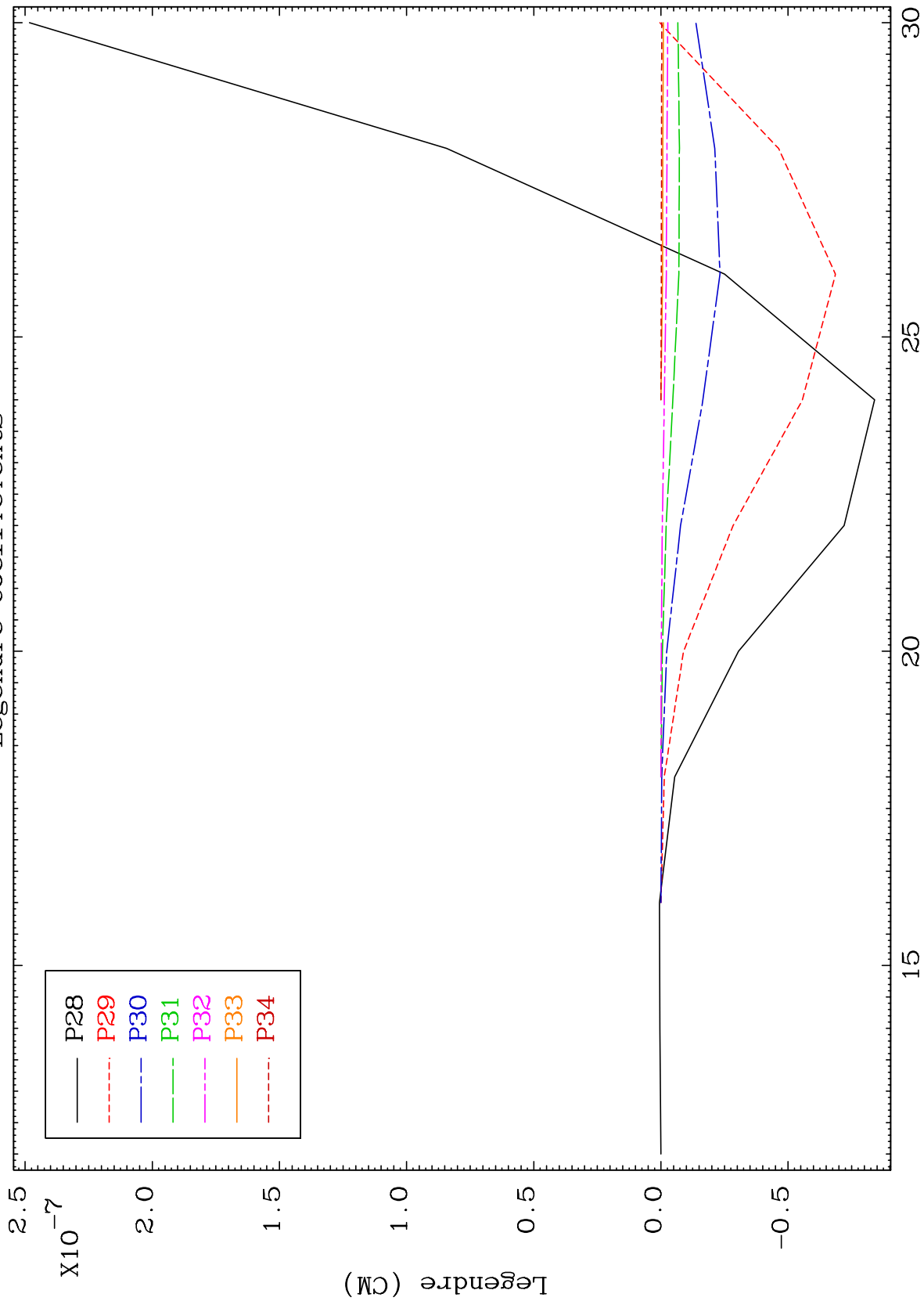
Incident Energy (MeV)

51-Sb-112

MAT 5098

Elastic Legendre Coefficients

51-Sb-112



18

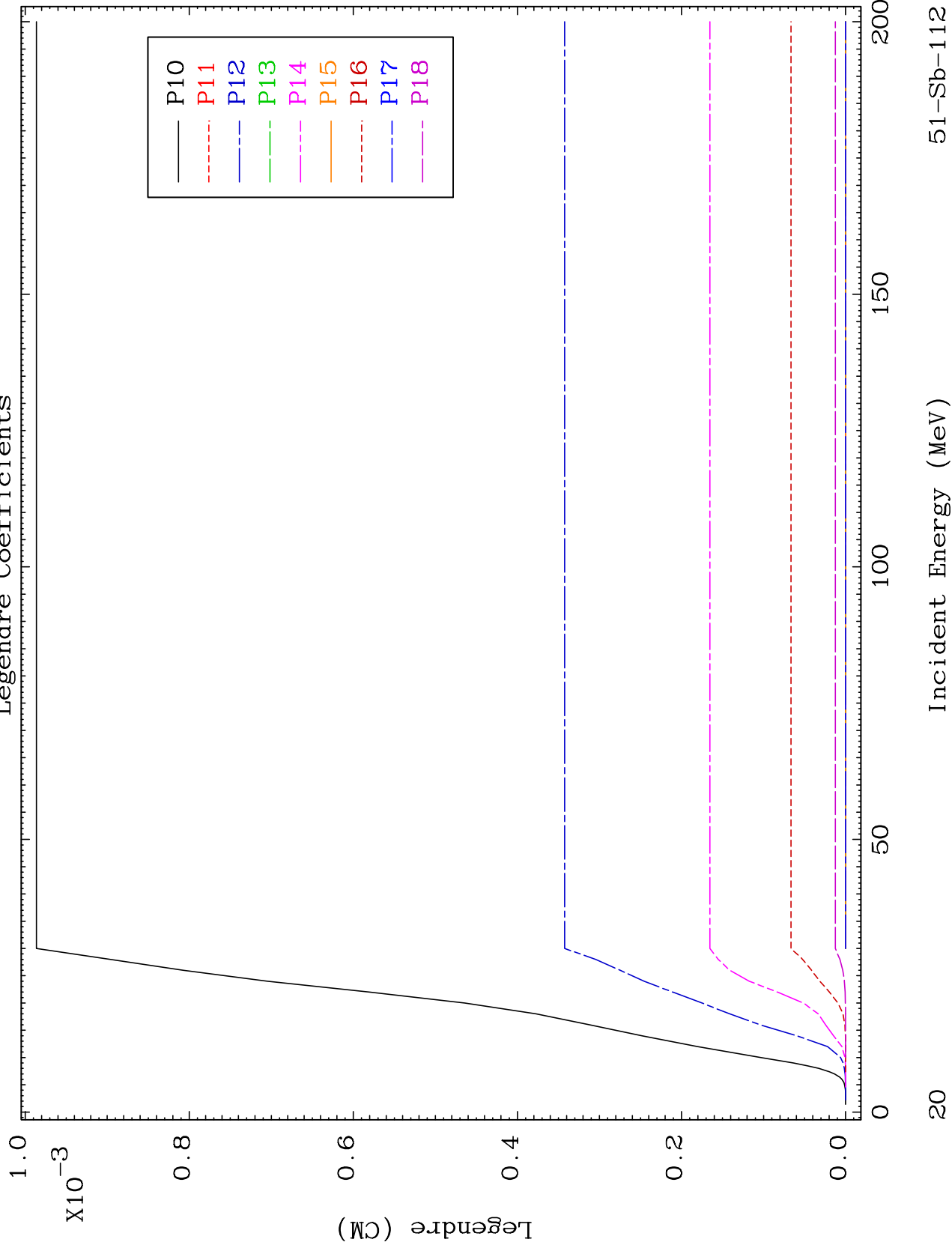
Incident Energy (MeV)

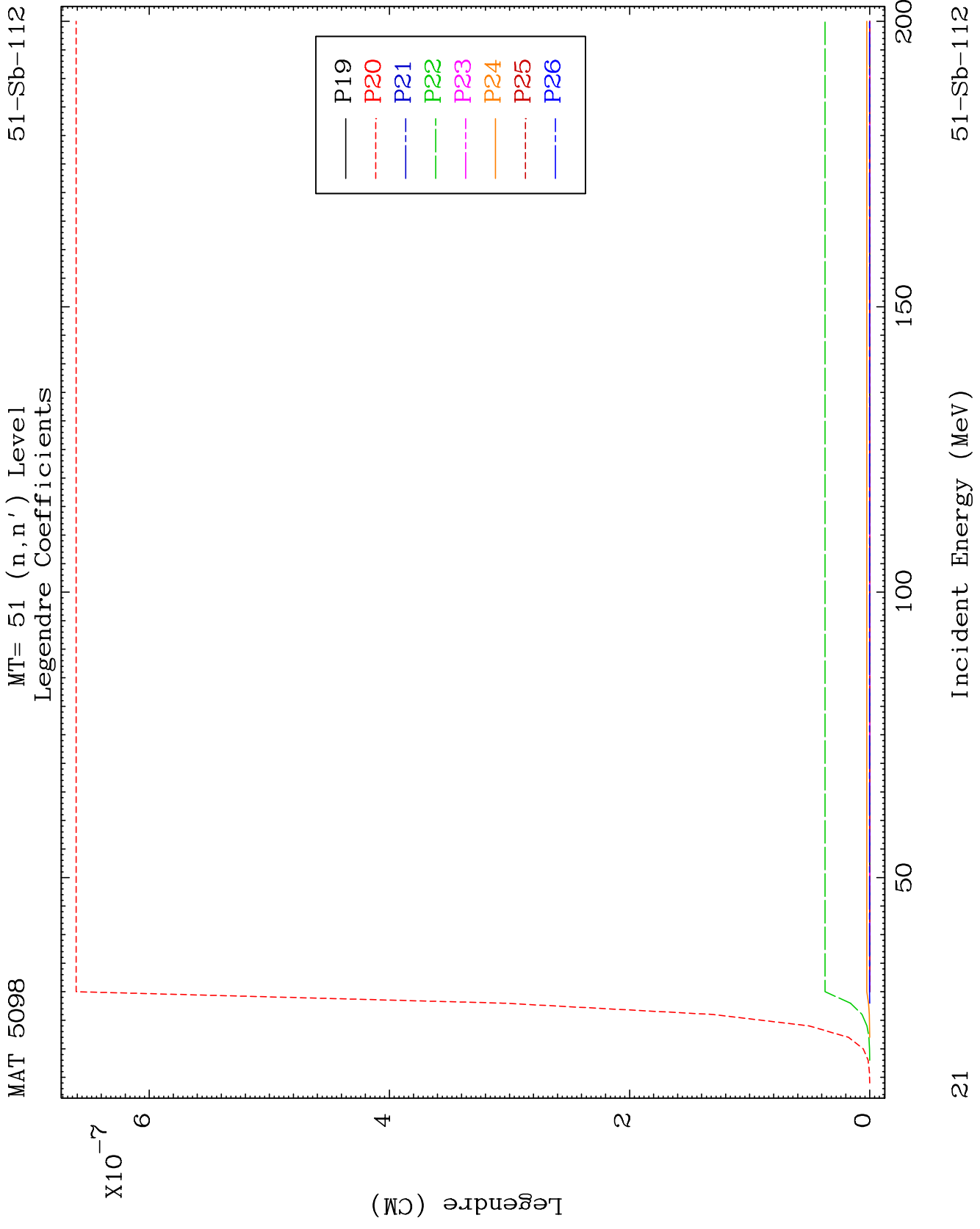
51-Sb-112

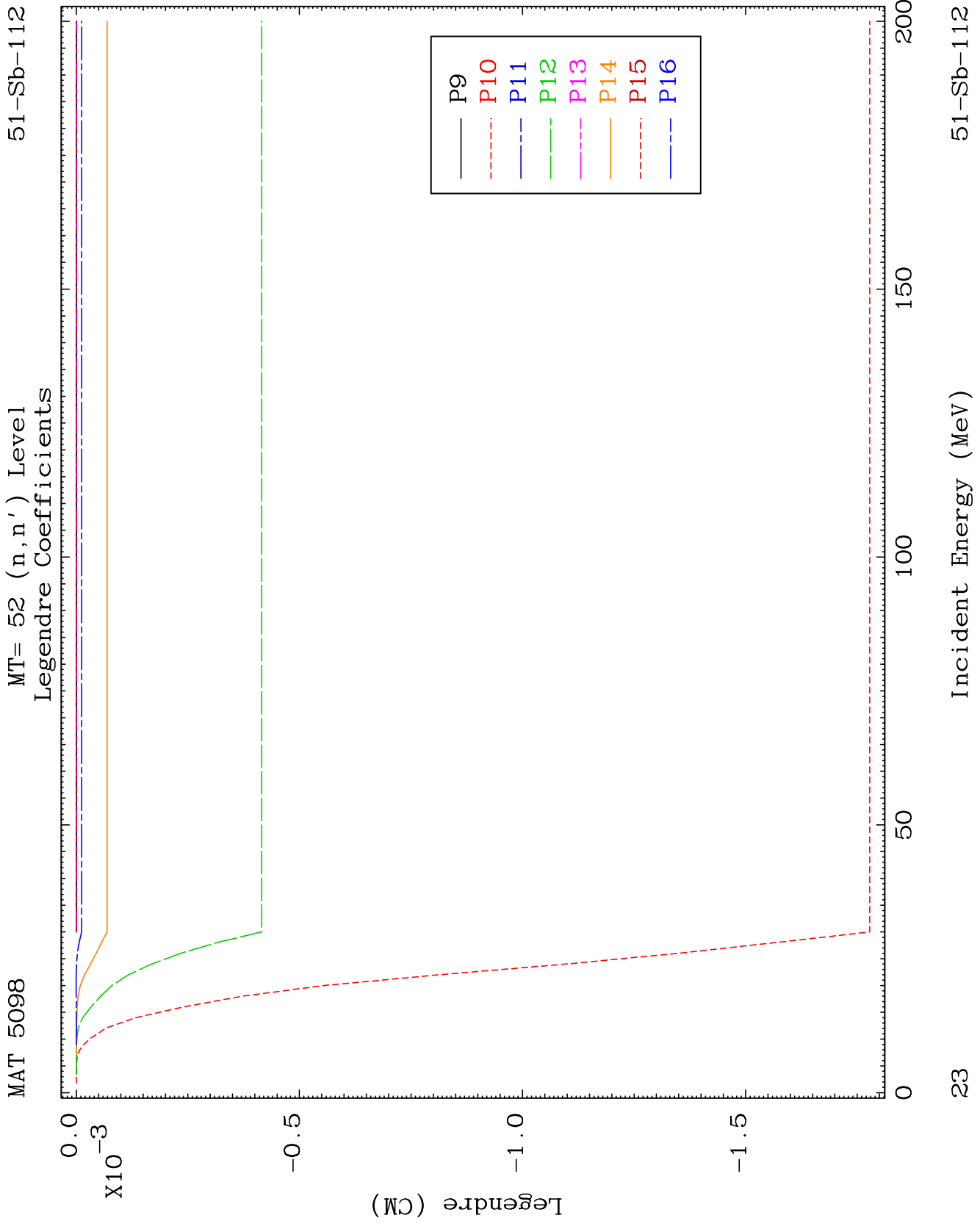
MAT 5098

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

51-Sb-112



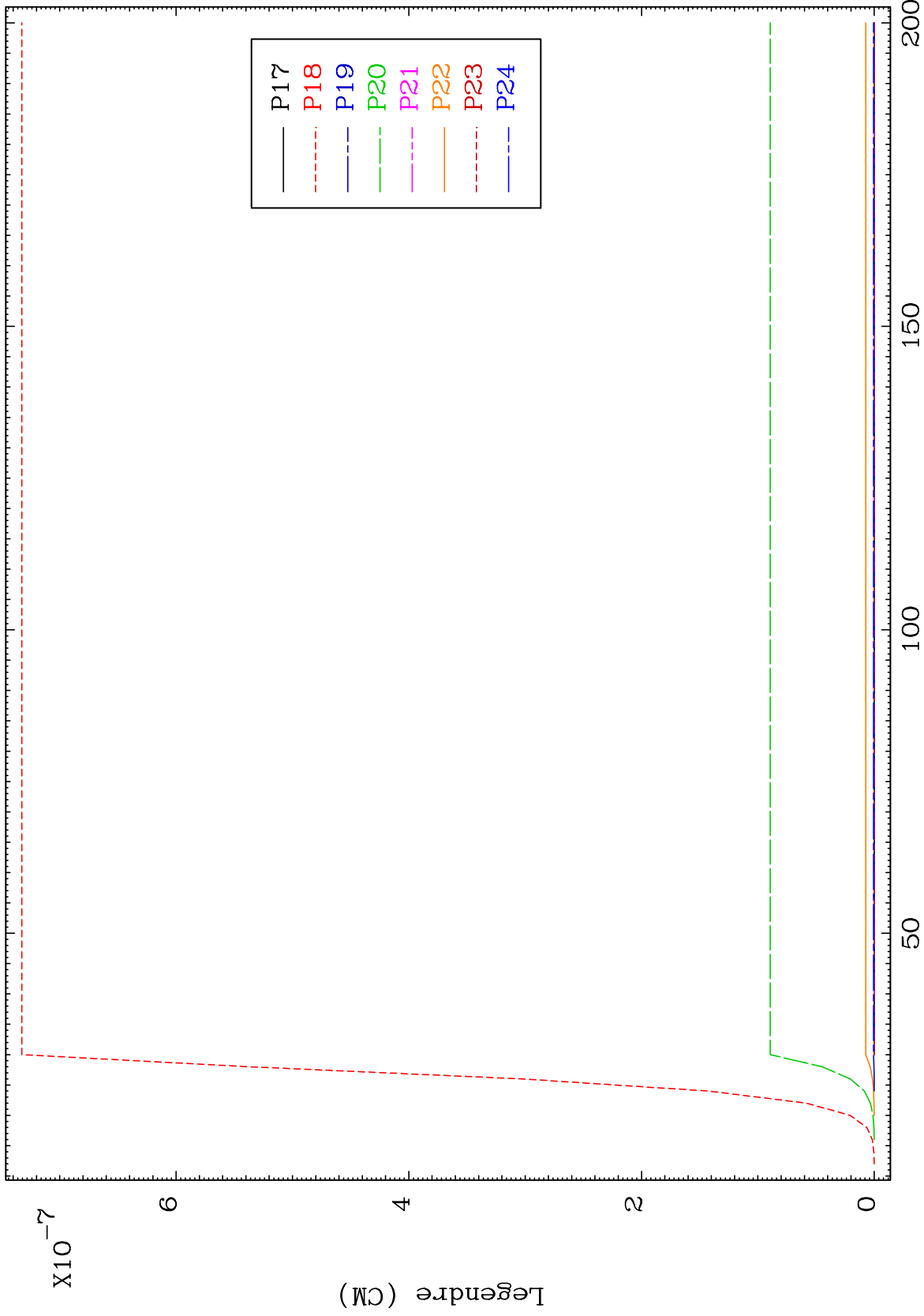




MAT 5098

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

51-Sb-112



24

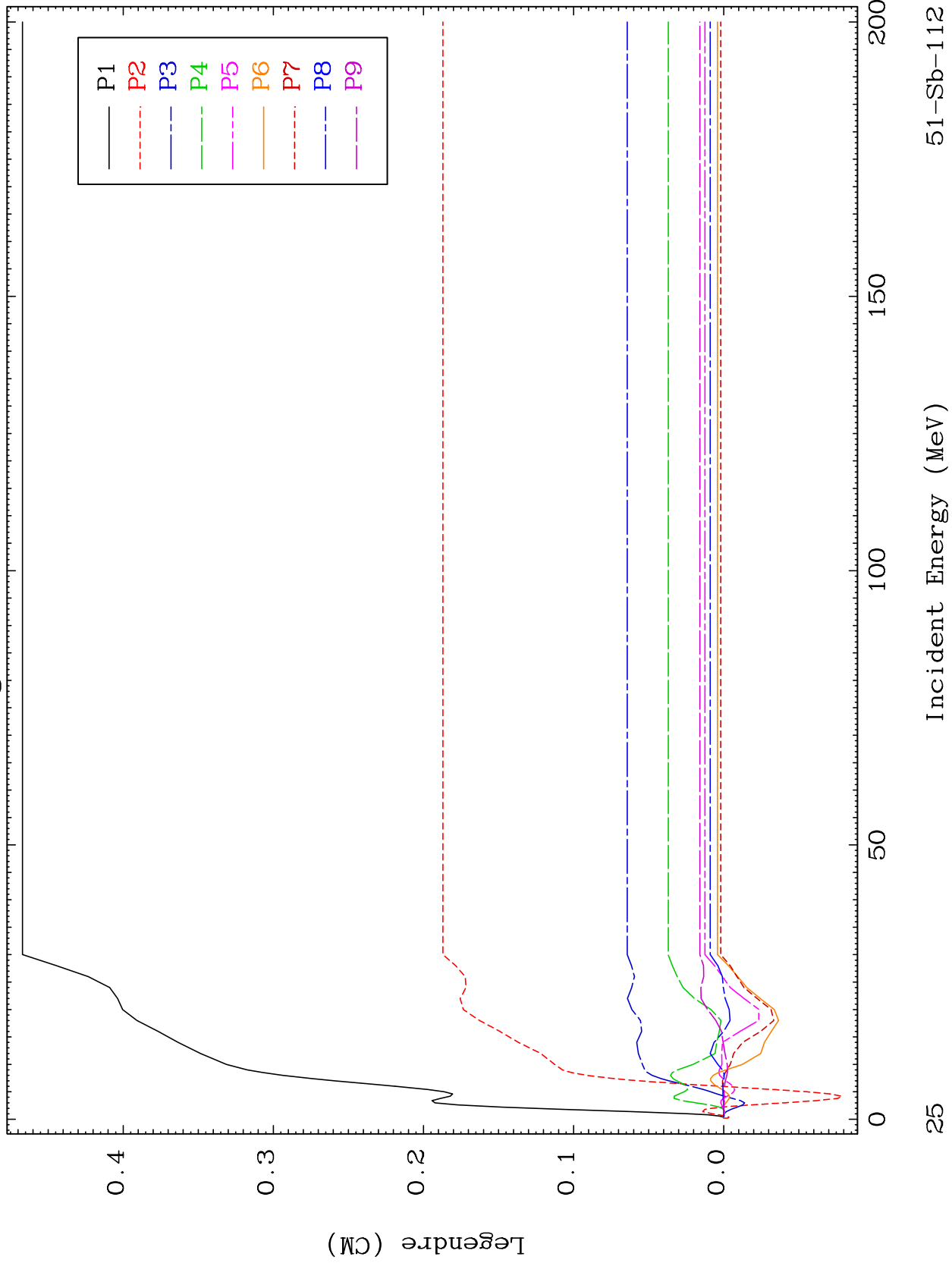
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

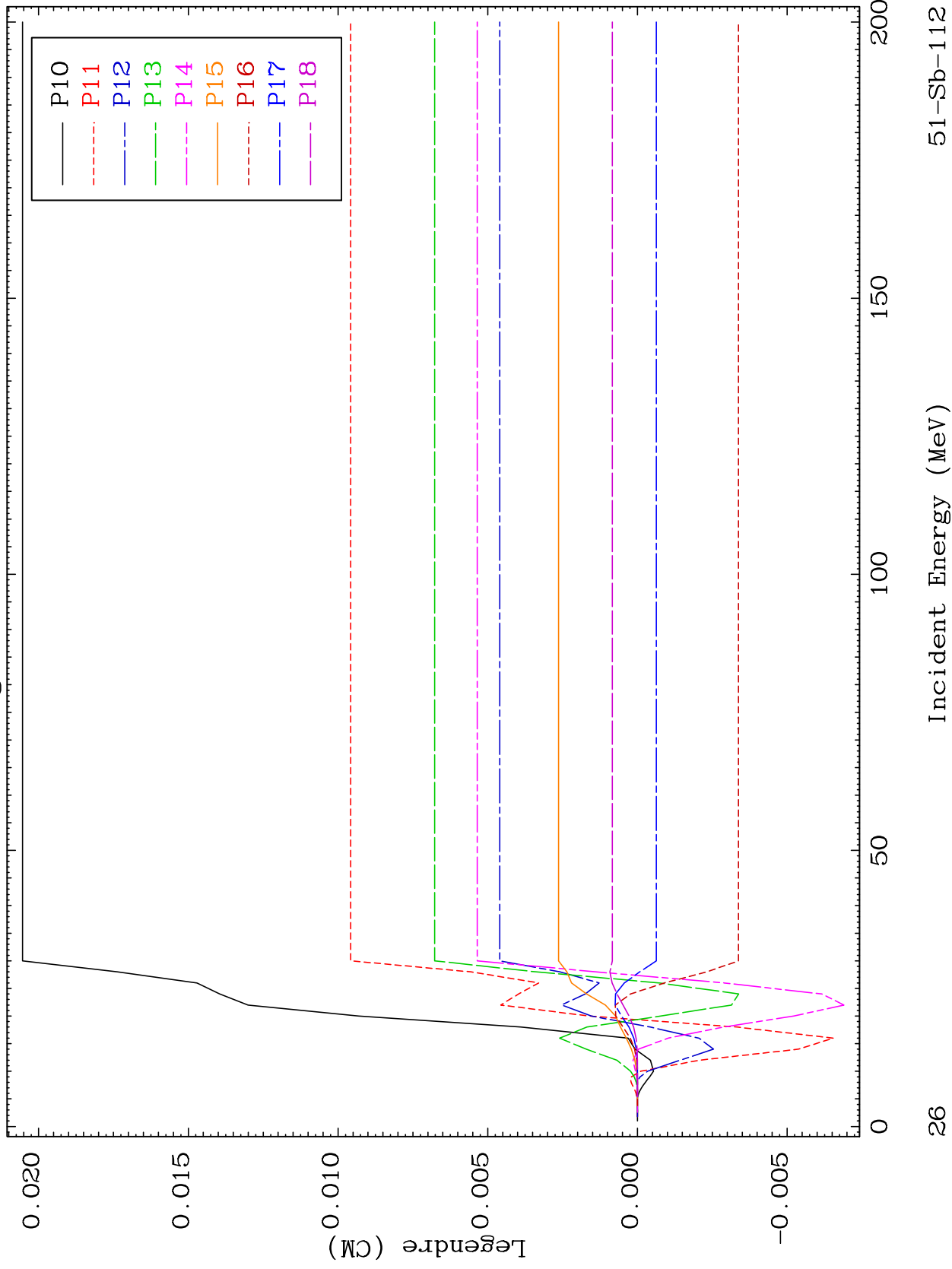
Incident Energy (MeV)

25

MAT 5098

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

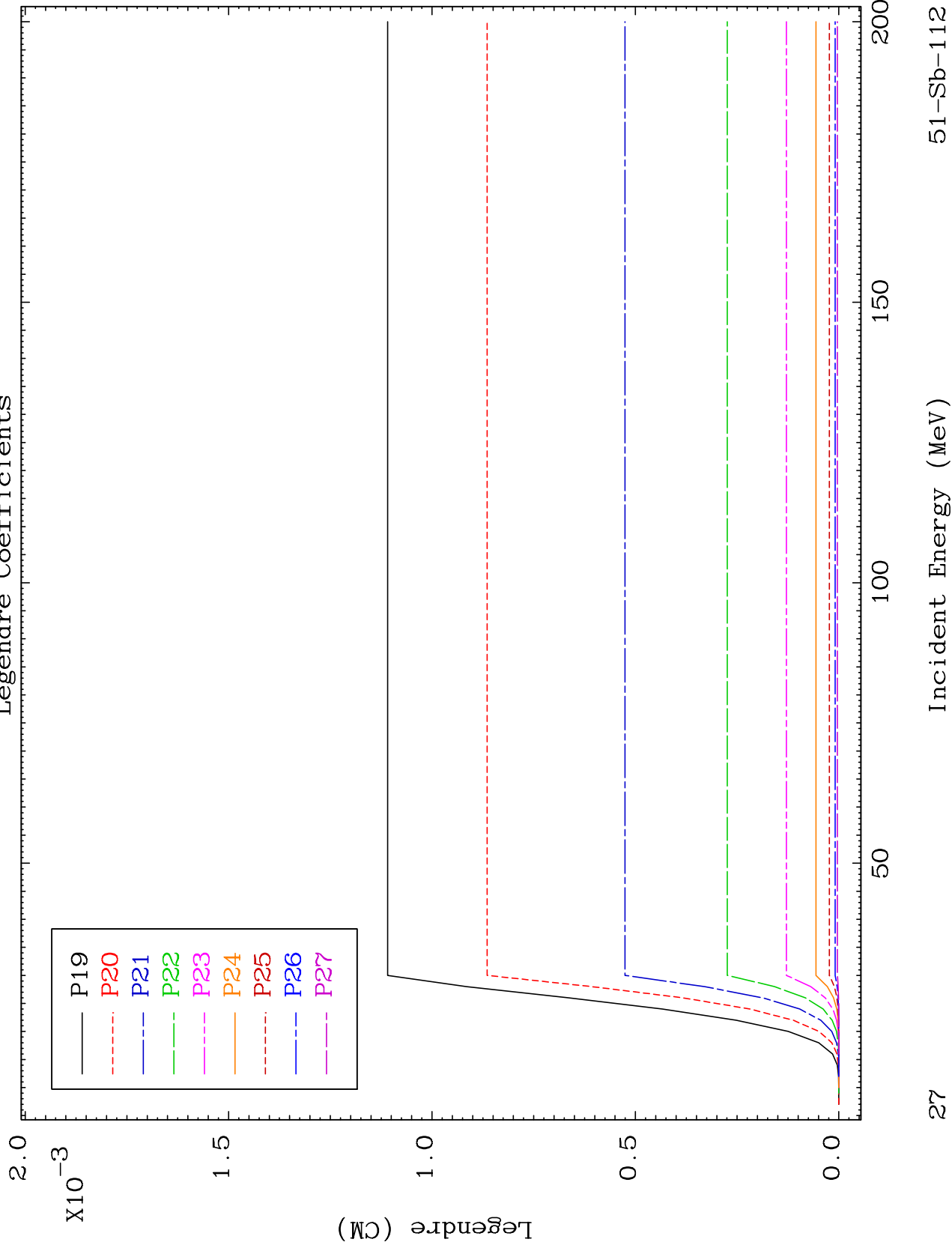
51-Sb-112



51-Sb-112

Incident Energy (MeV)

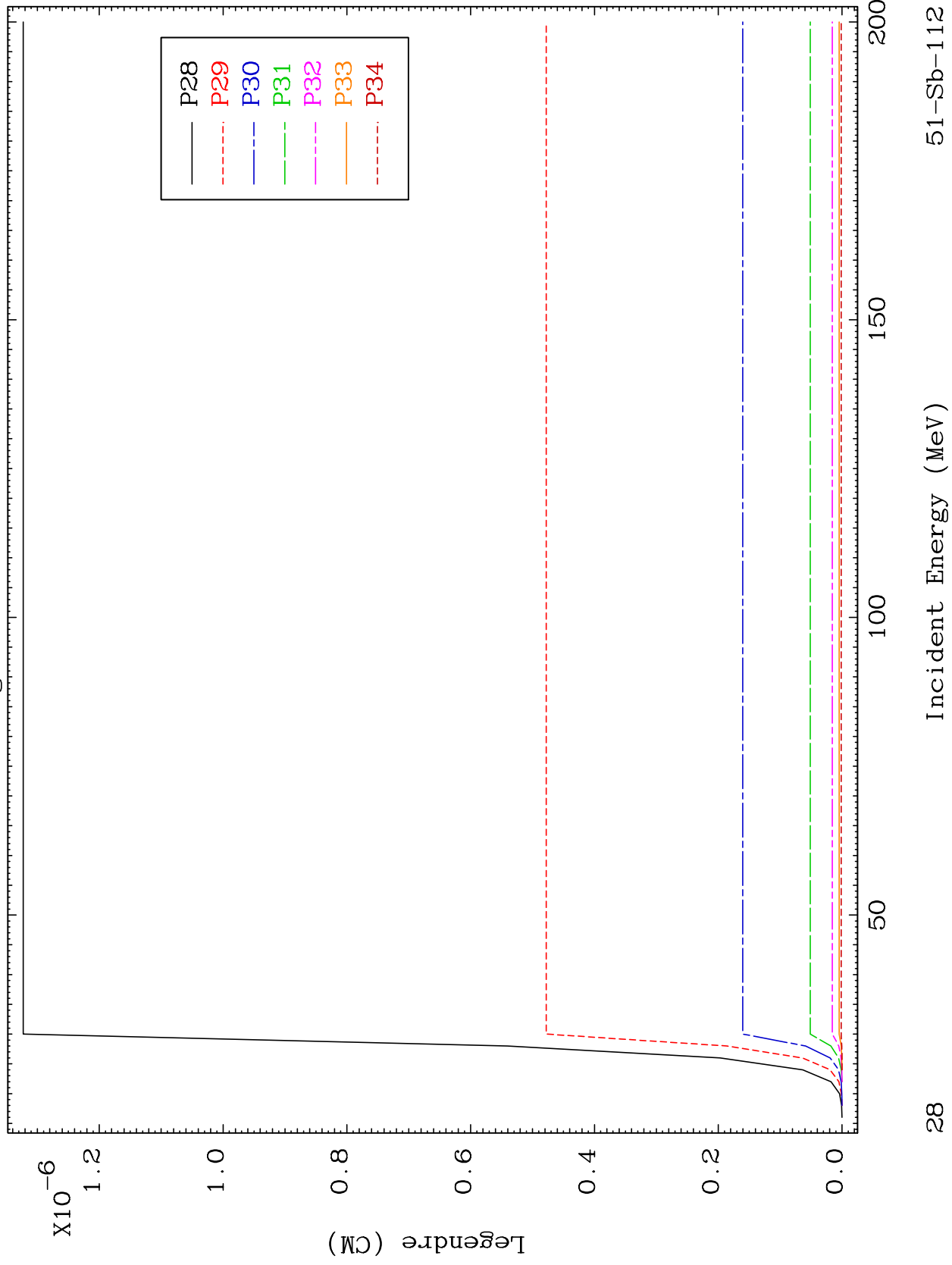
26



MAT 5098

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

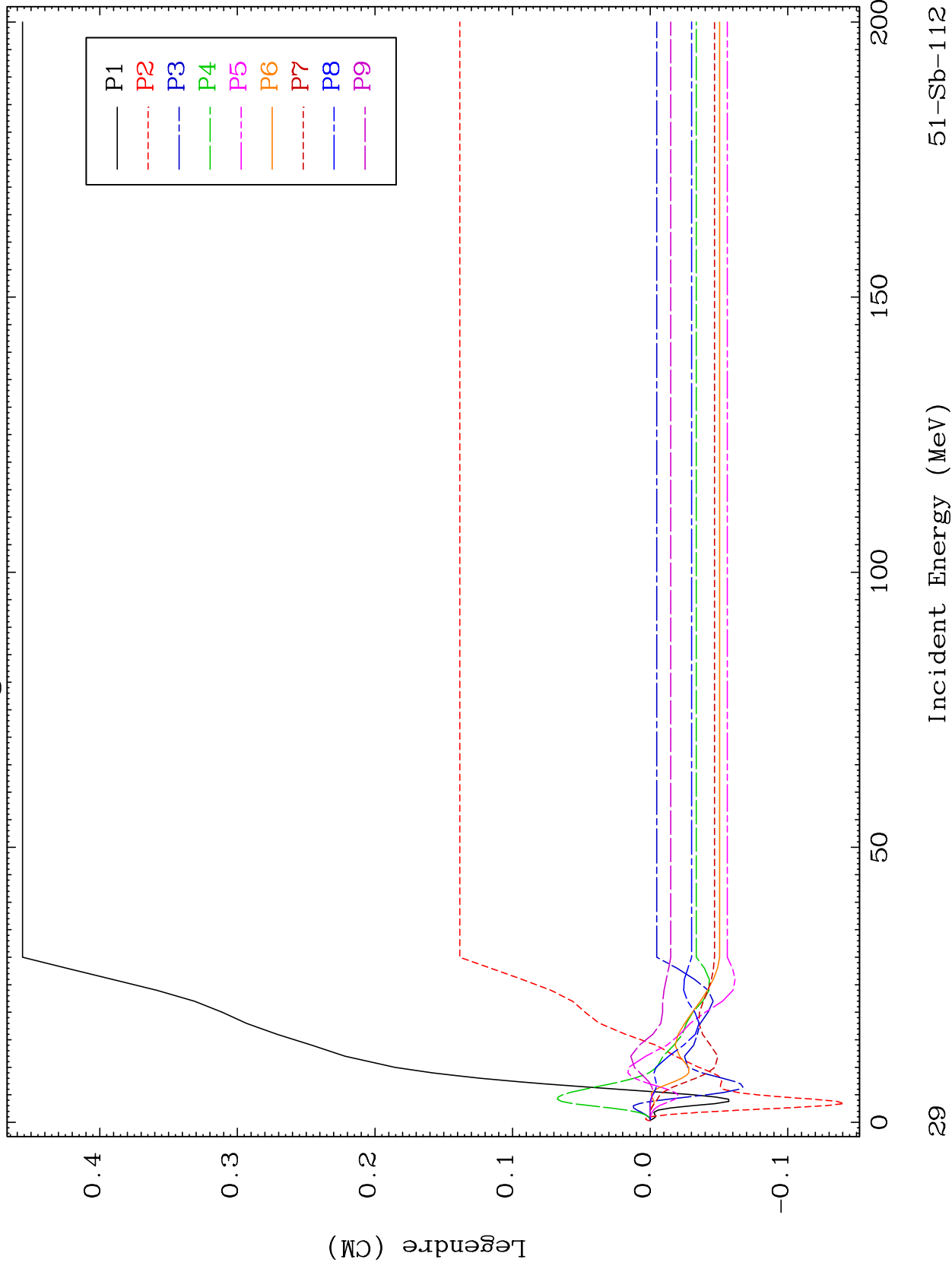
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

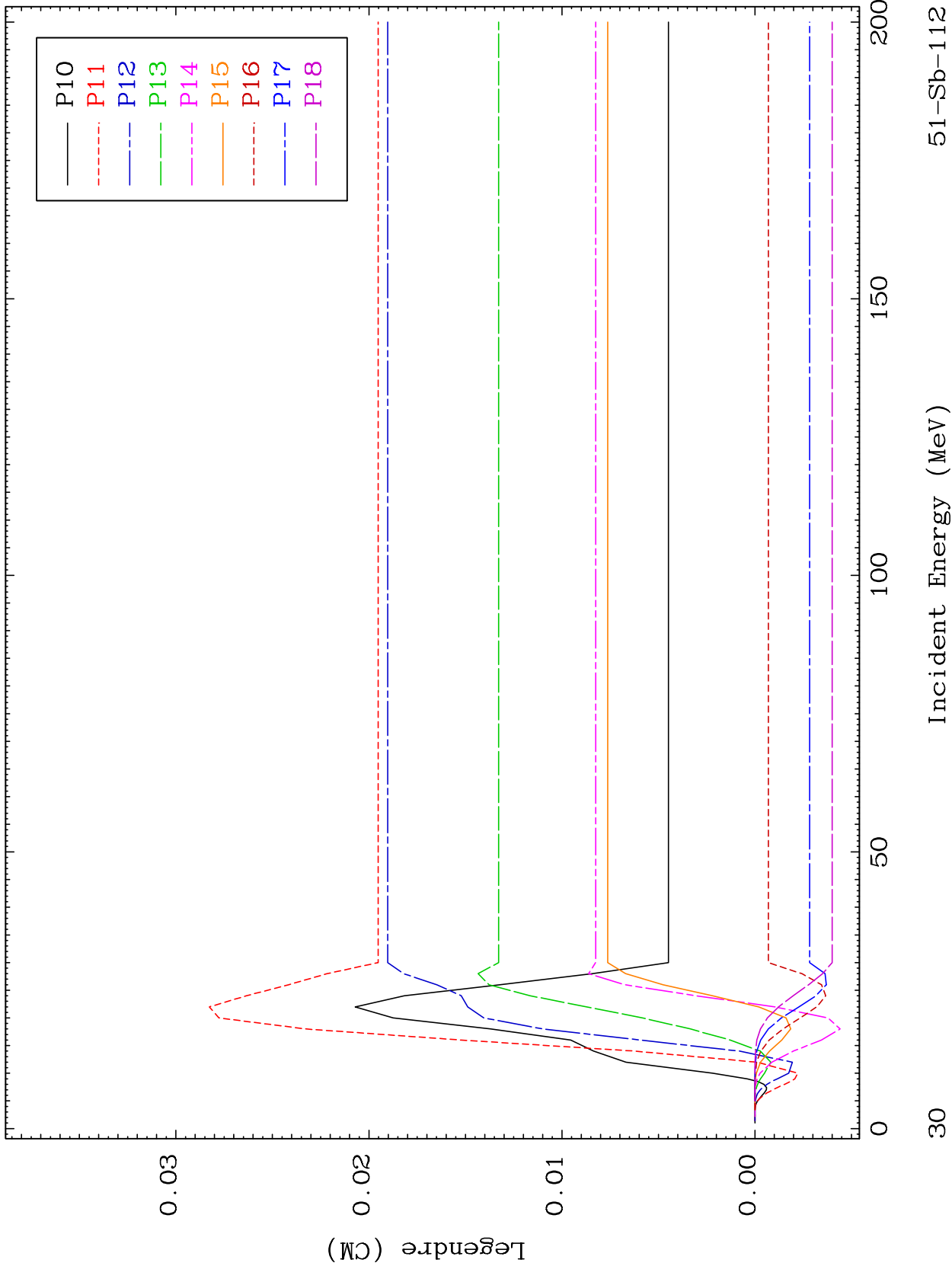
Incident Energy (MeV)

29

MAT 5098

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

51-Sb-112

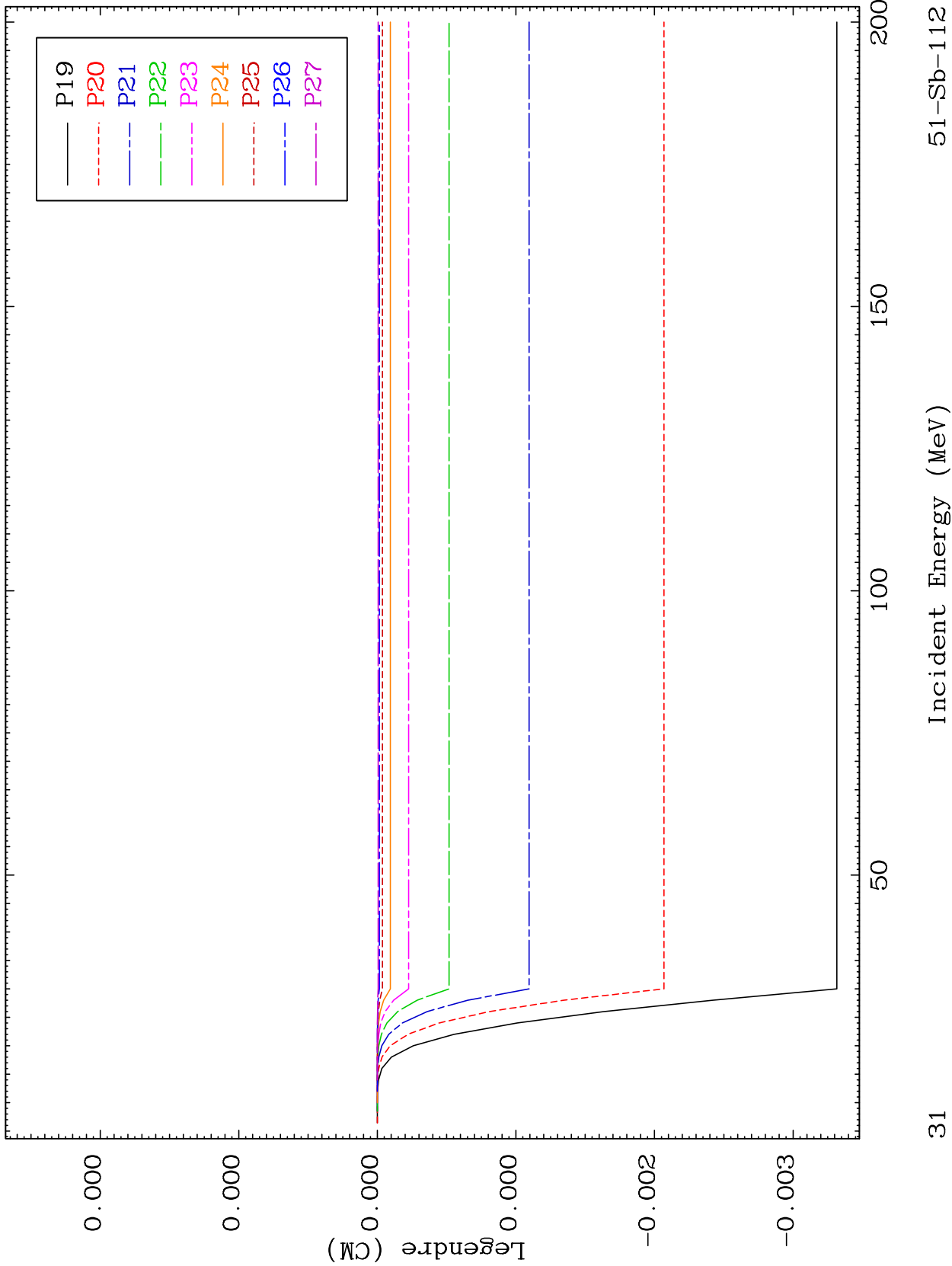


51-Sb-112

MAT 5098

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

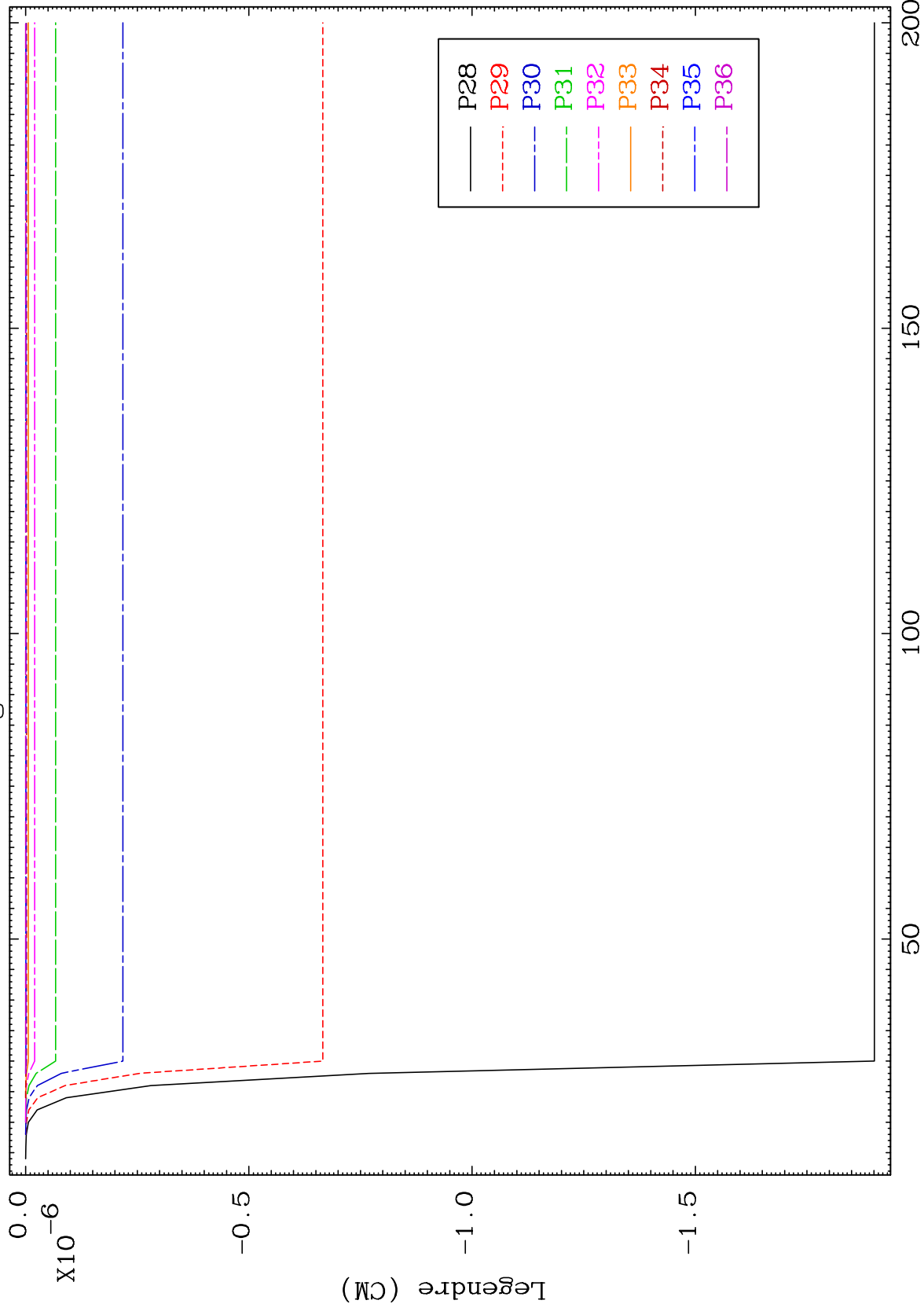
51-Sb-112



MAT 5098

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

51-Sb-112



32

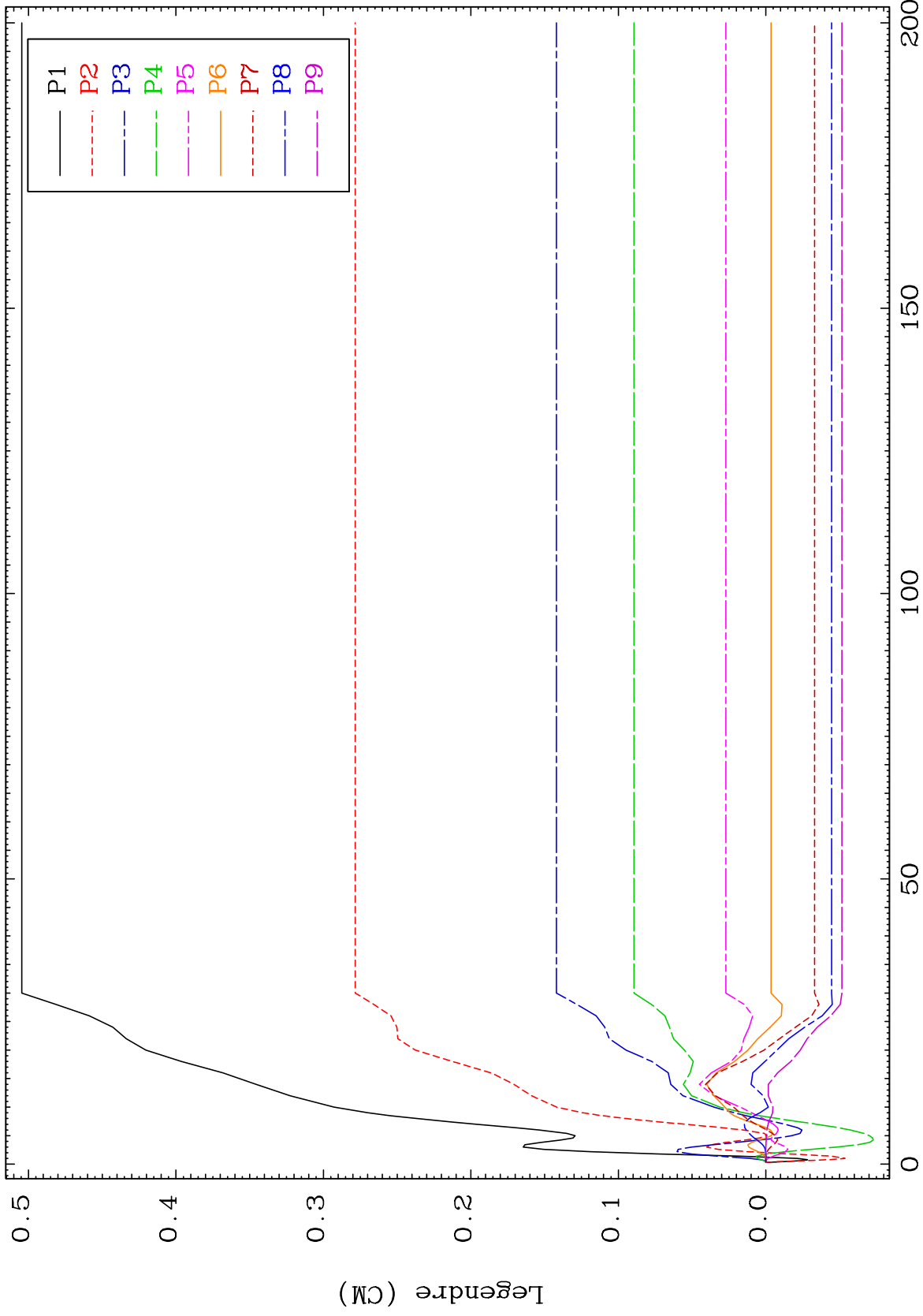
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

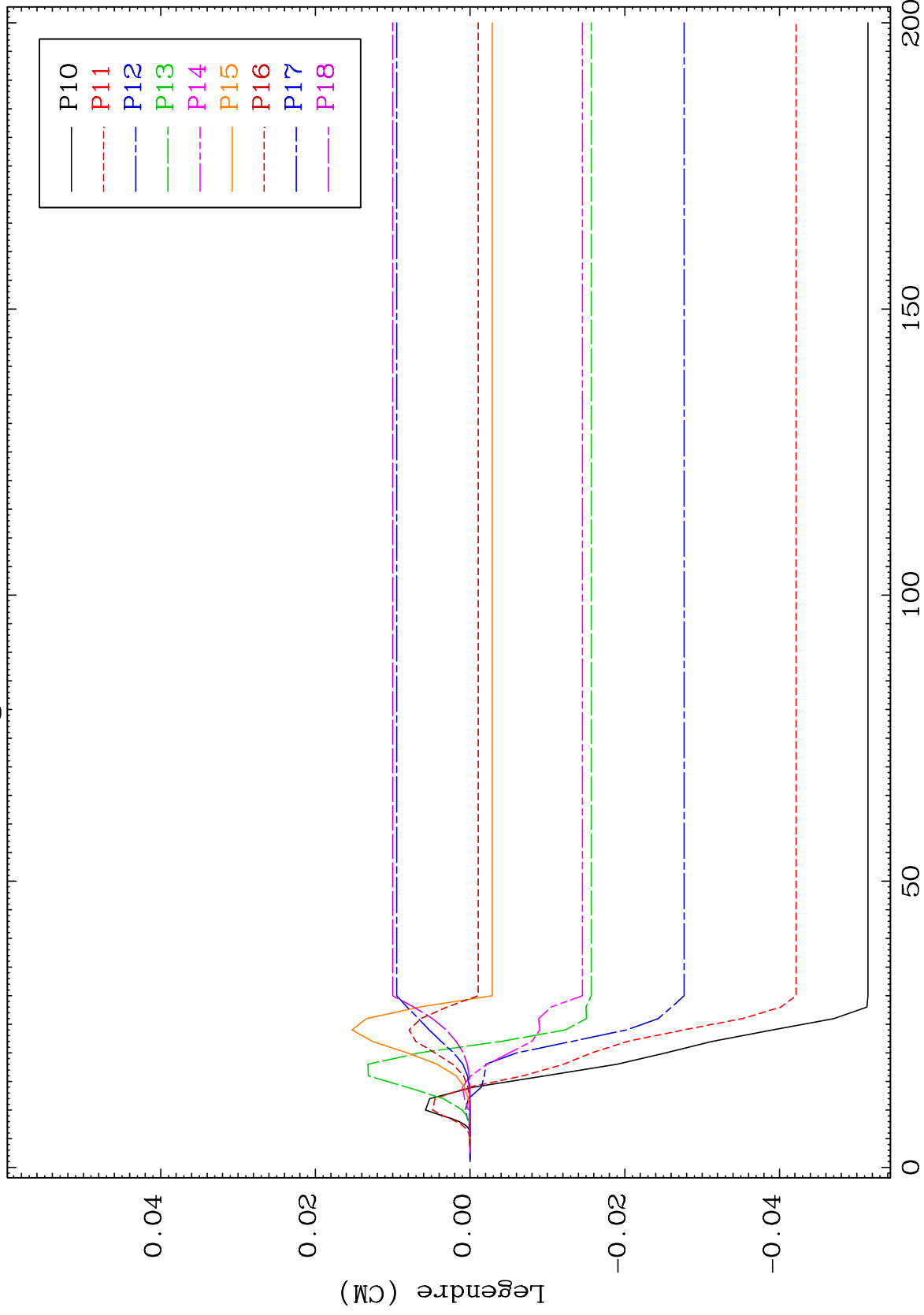
Incident Energy (MeV)

33

MAT 5098

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

51-Sb-112



34

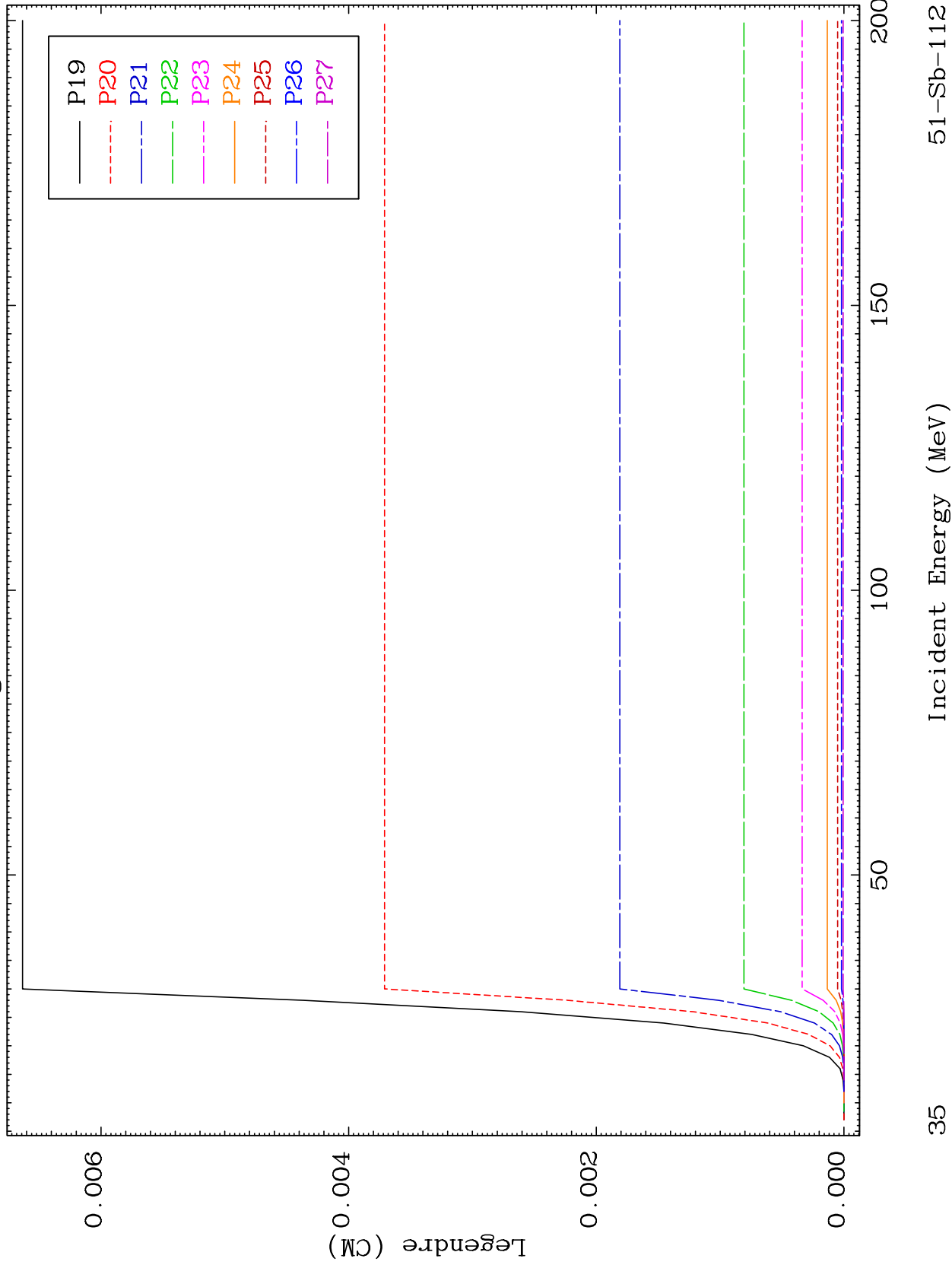
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



35

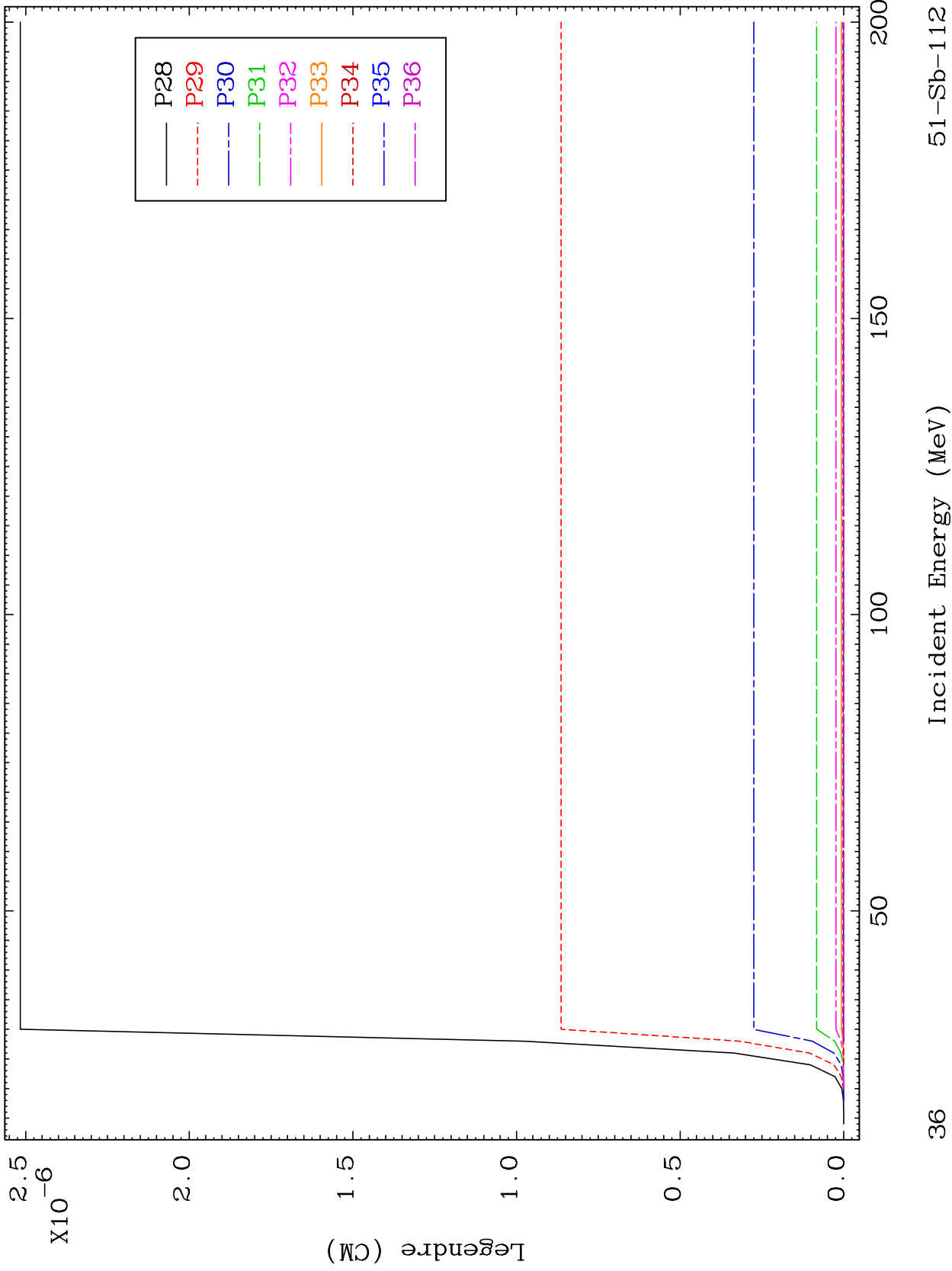
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

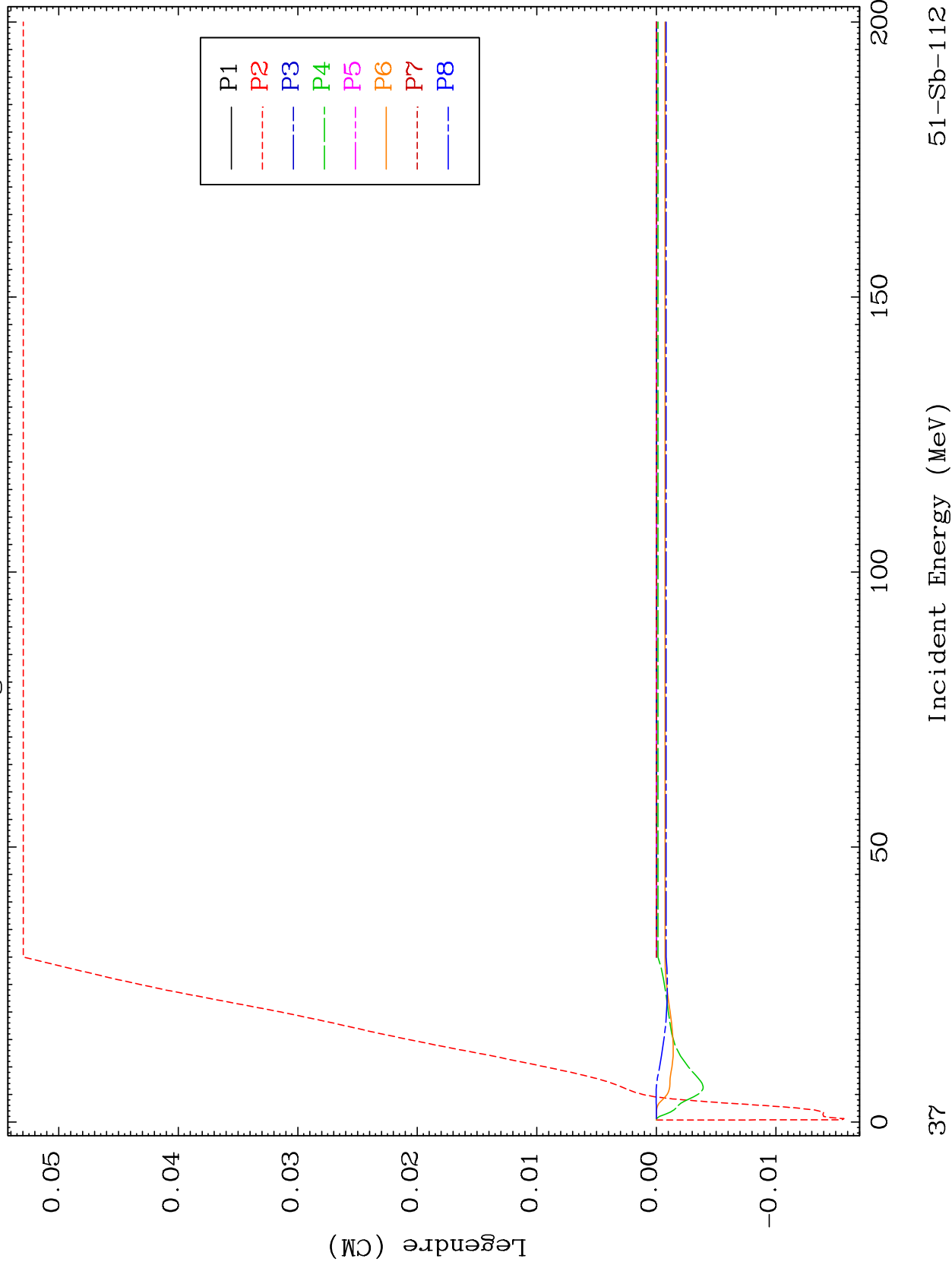
51-Sb-112



MAT 5098

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

51-Sb-112



37

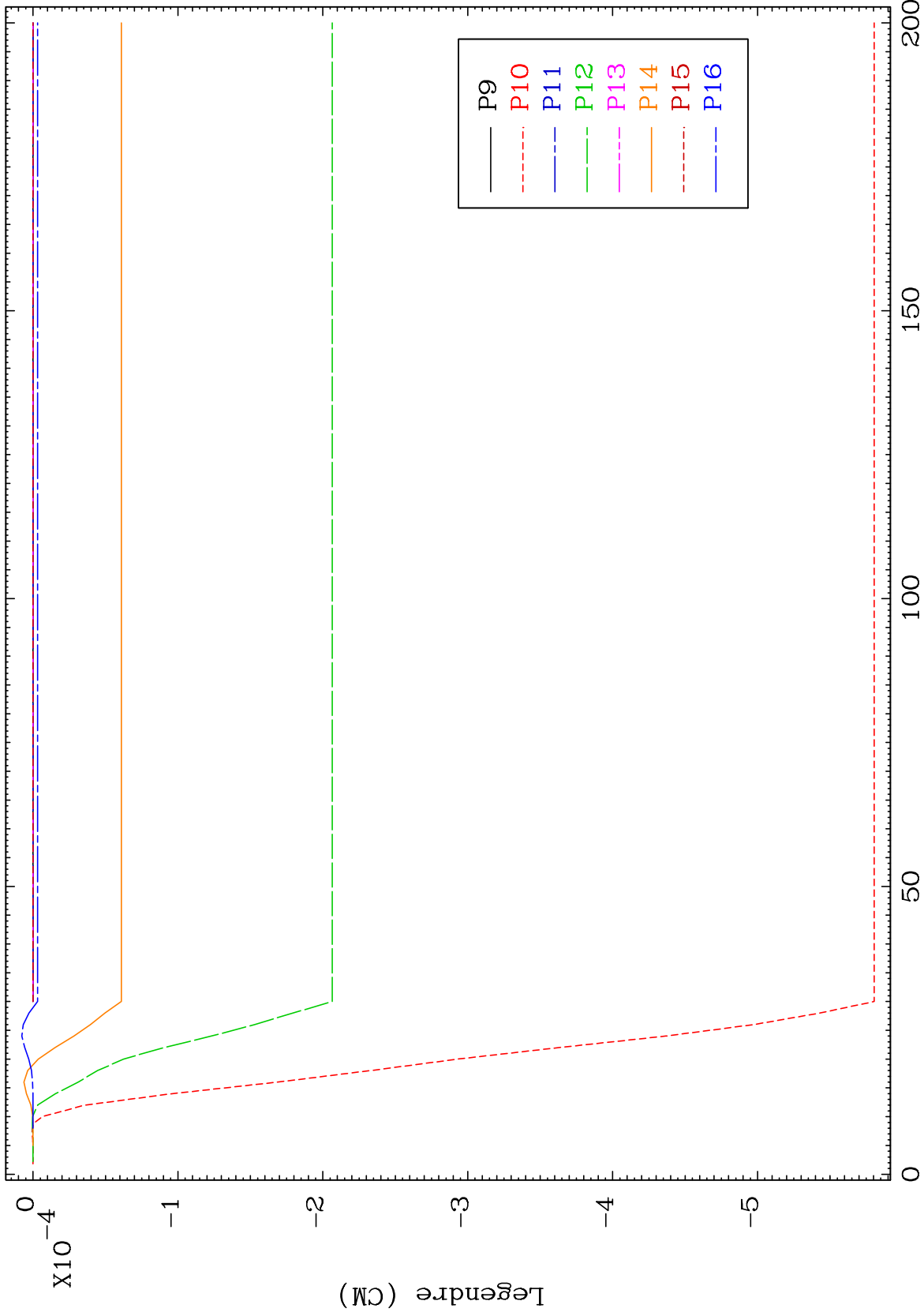
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



38

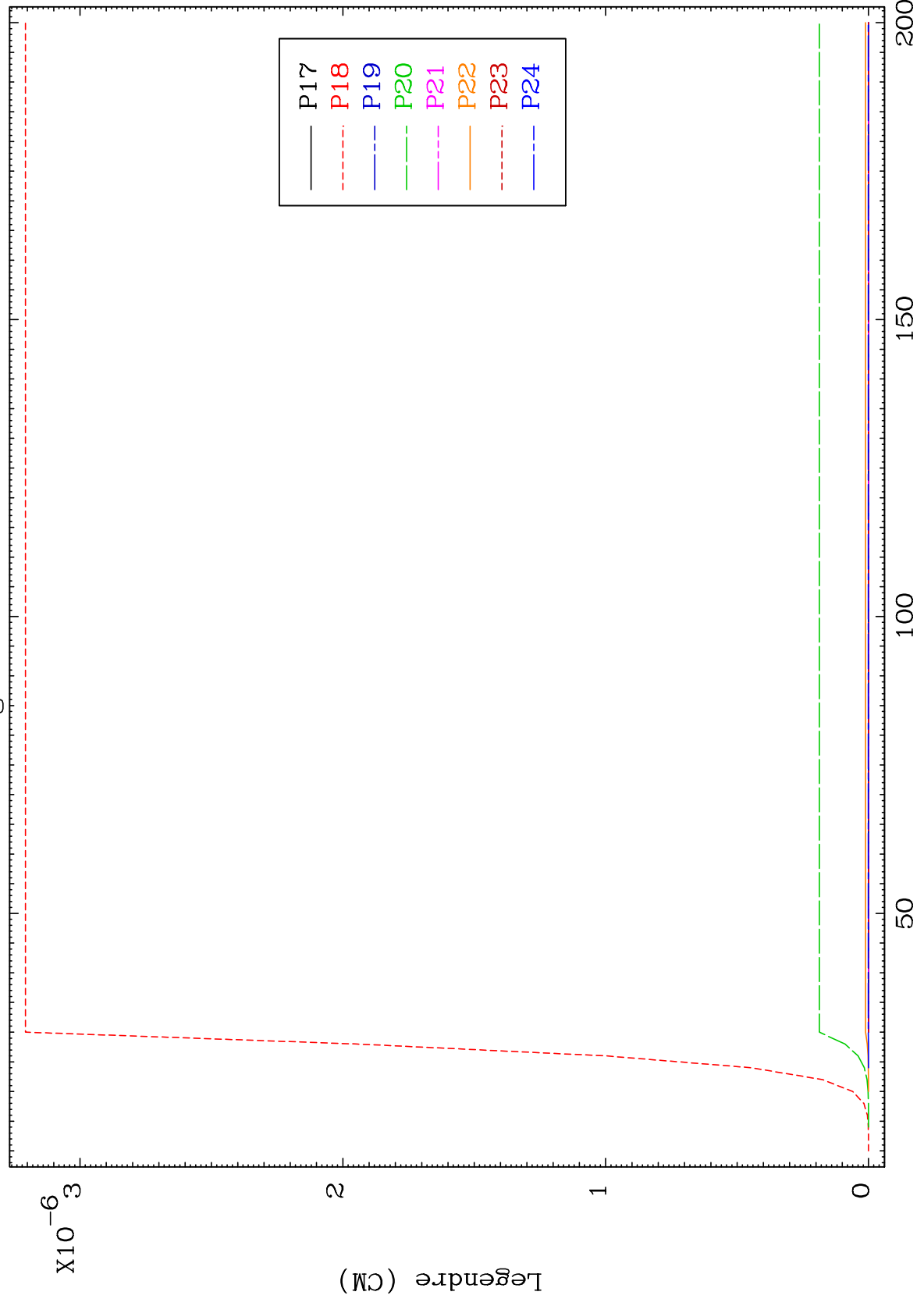
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

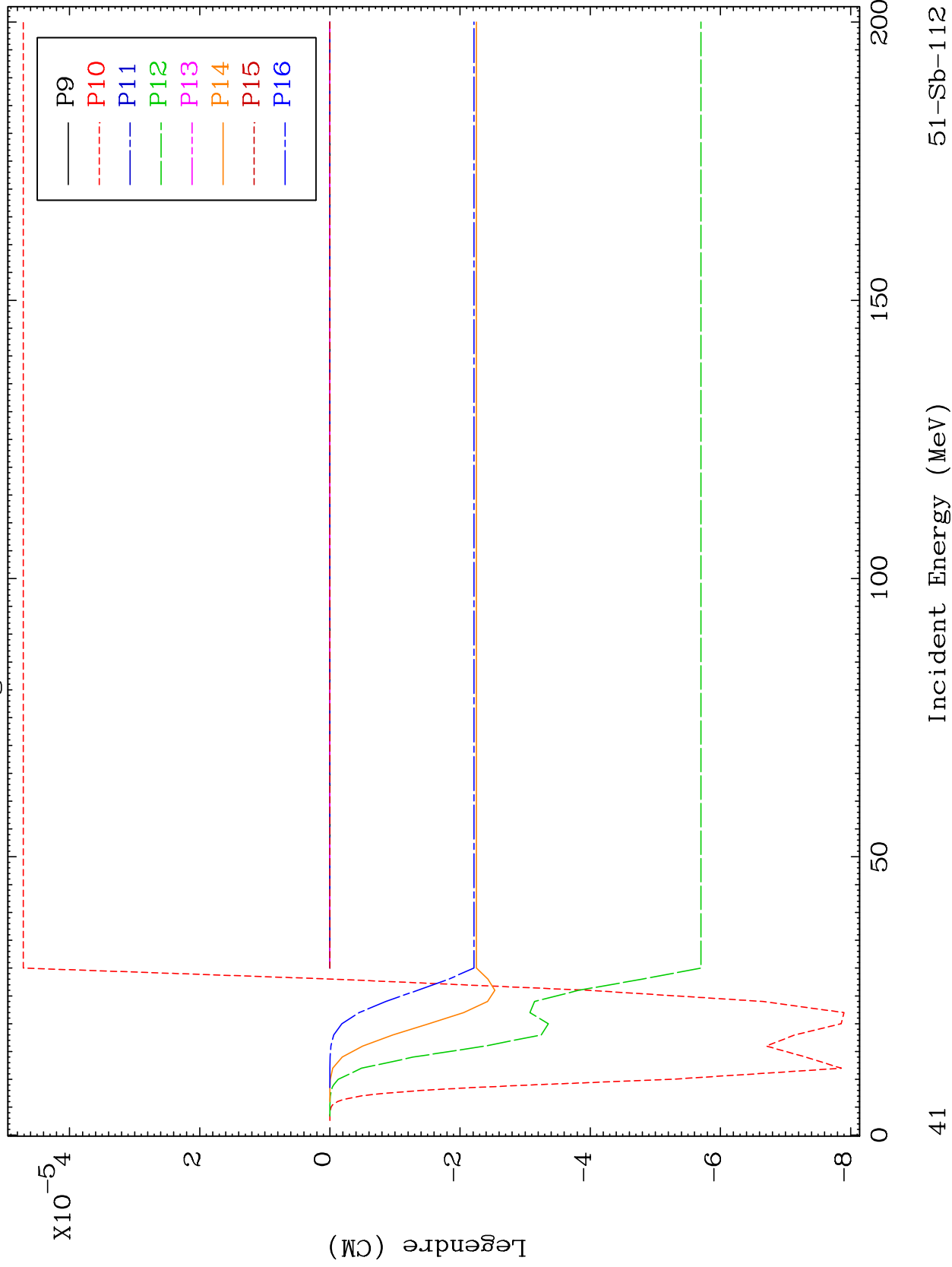
Incident Energy (MeV)

39

MAT 5098

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

51-Sb-112



41

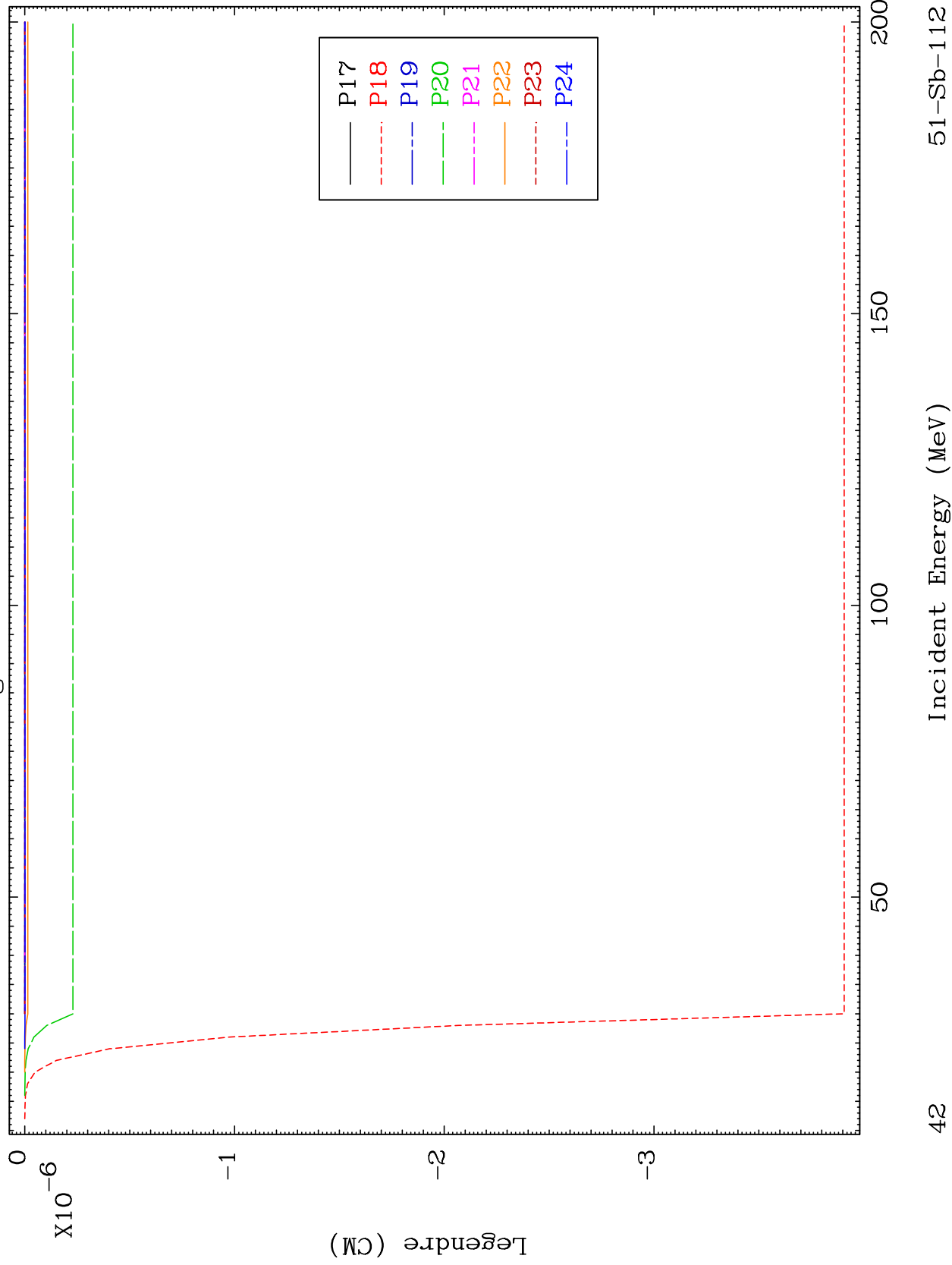
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

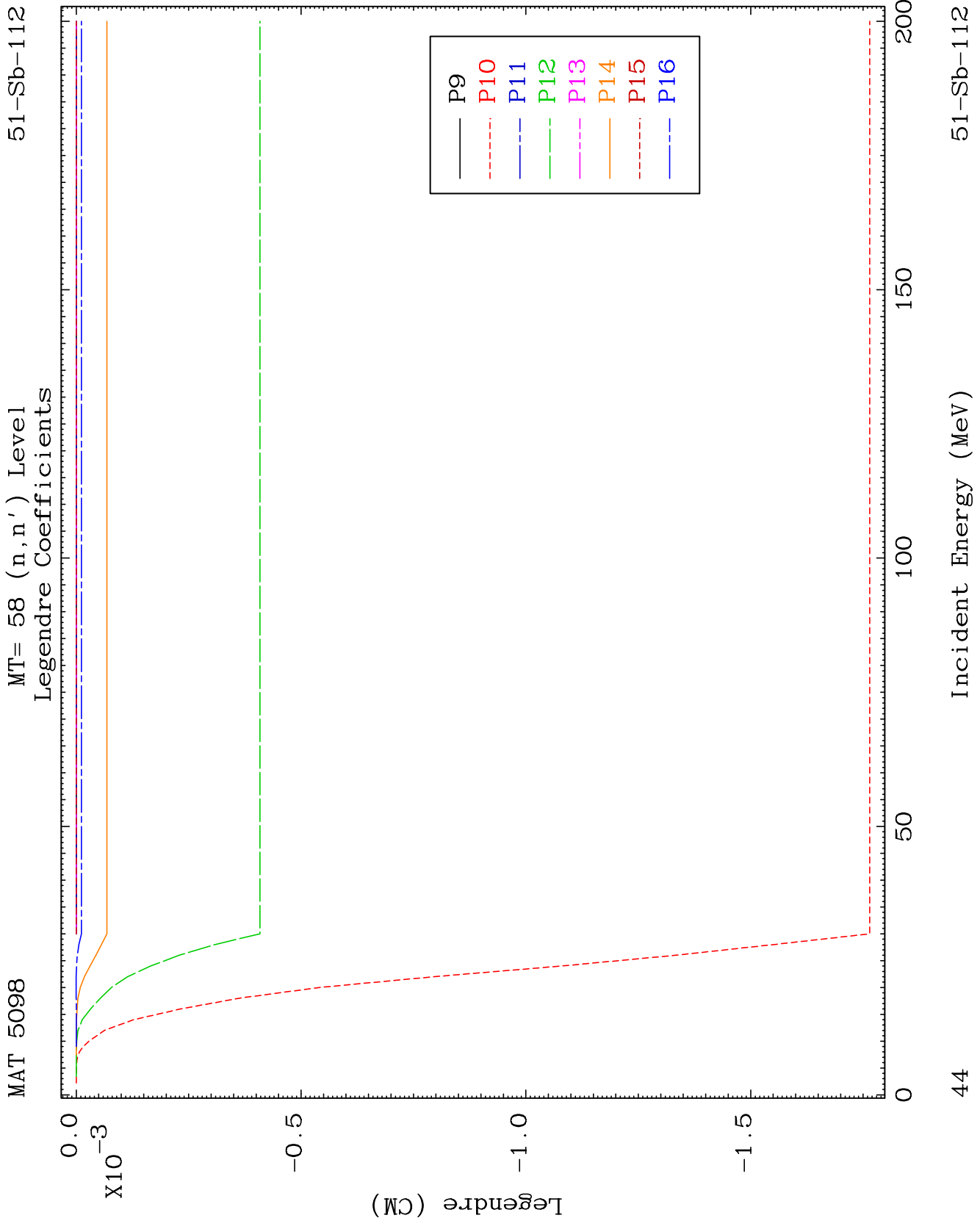
51-Sb-112



42

Incident Energy (MeV)

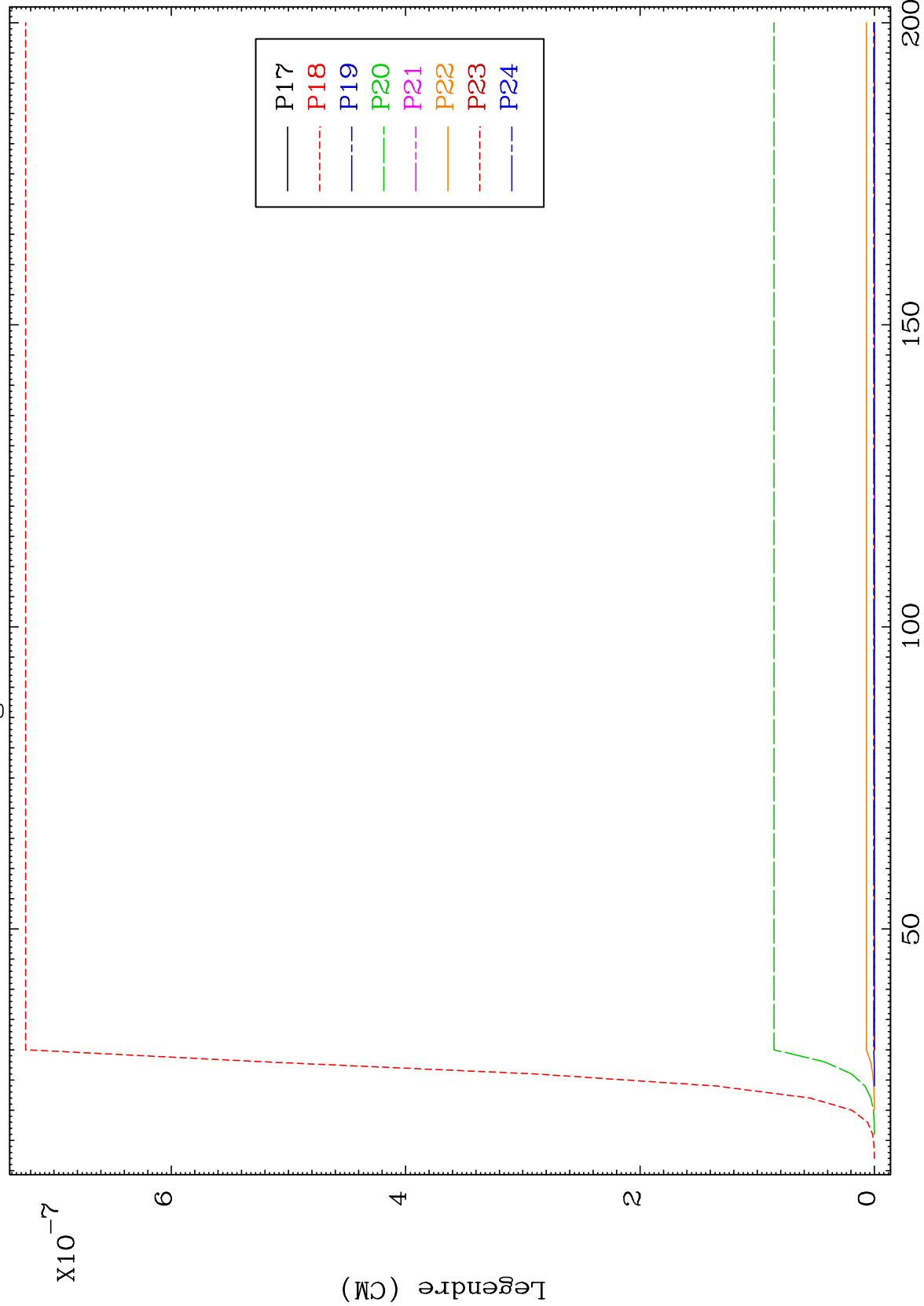
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

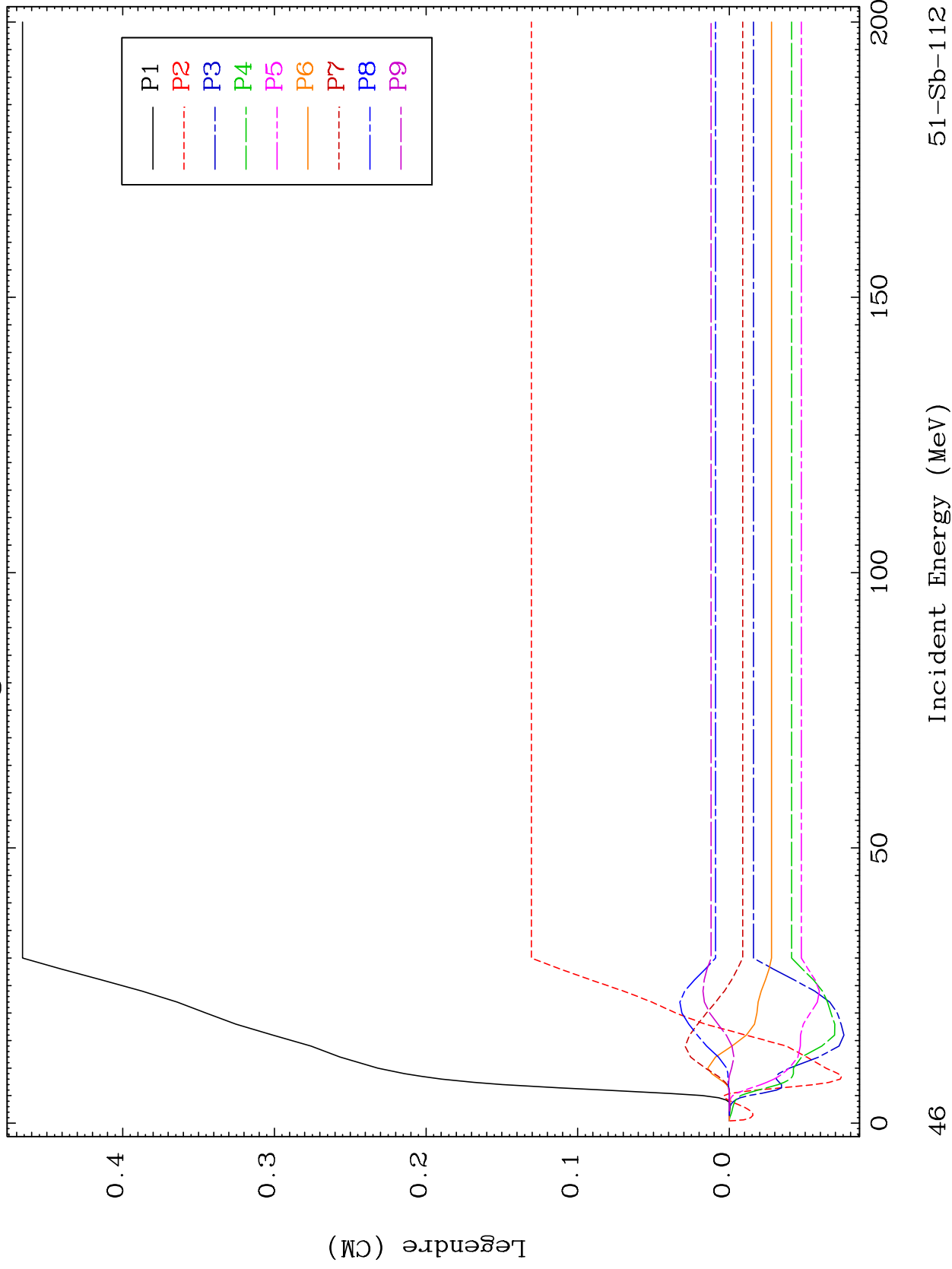
Incident Energy (MeV)

45

MAT 5098

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

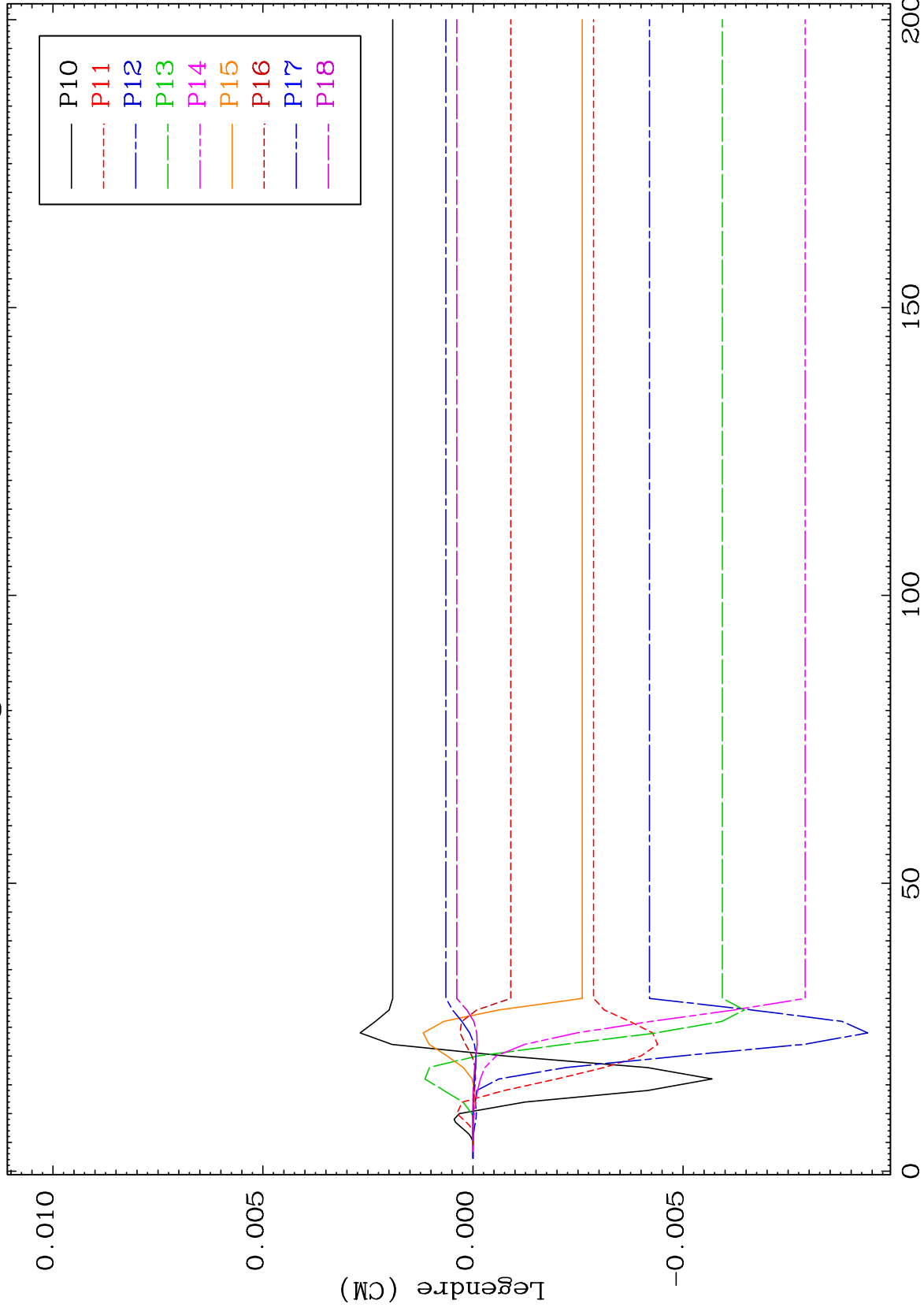
51-Sb-112



MAT 5098

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

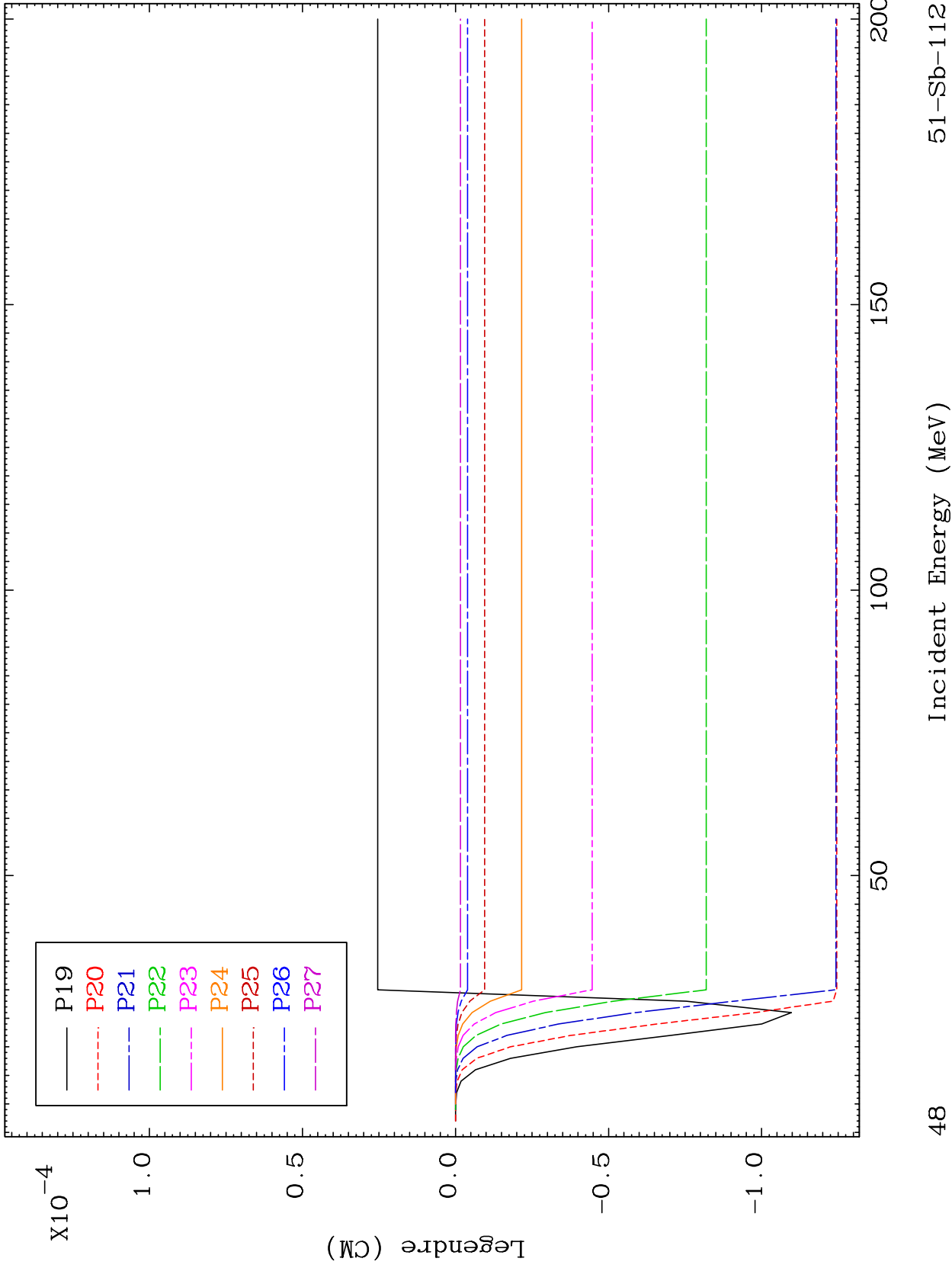
51-Sb-112



47

Incident Energy (MeV)

51-Sb-112

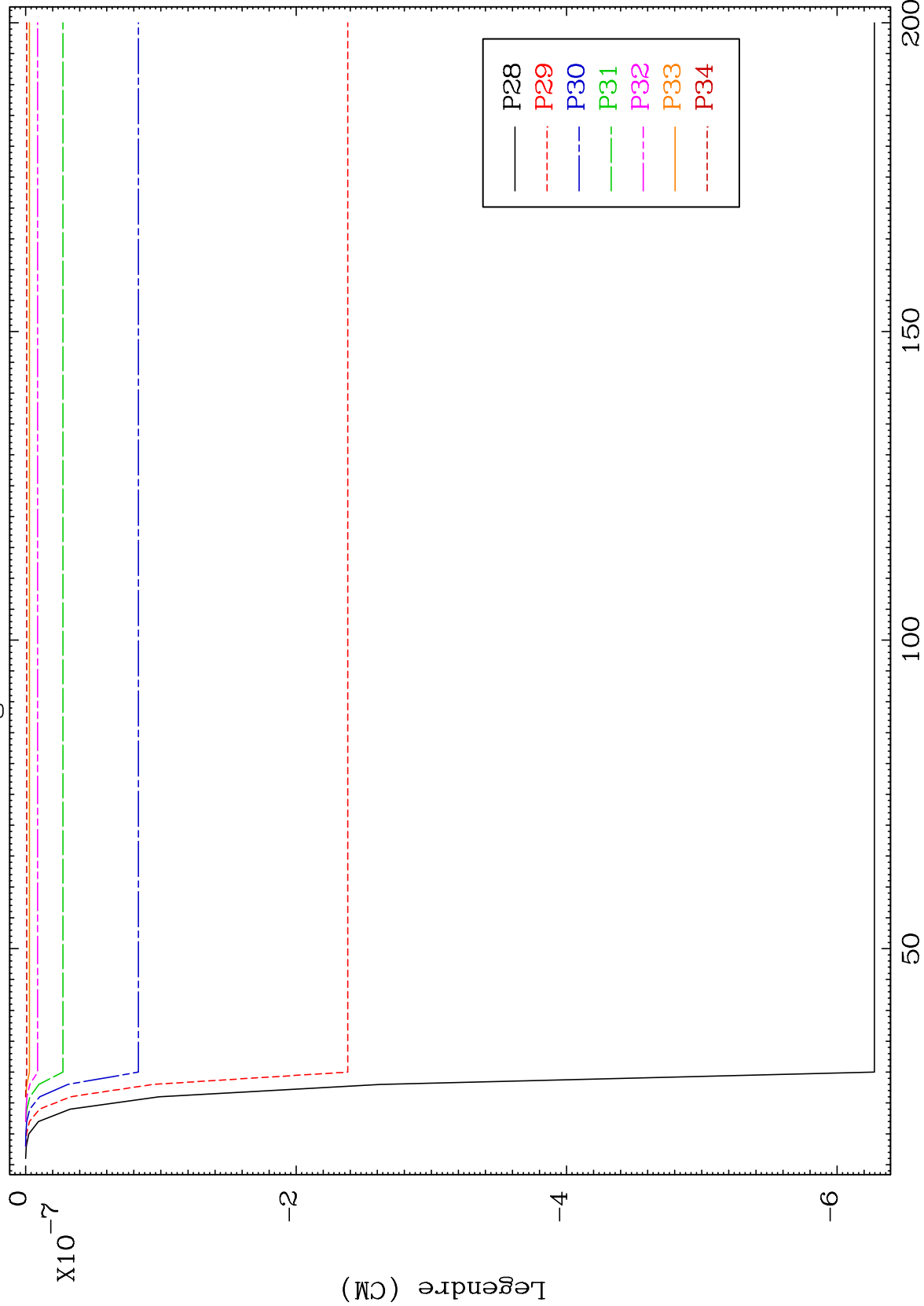


MAT 5098

MT= 59 (n,n') Level

51-Sb-112

Legendre Coefficients



49

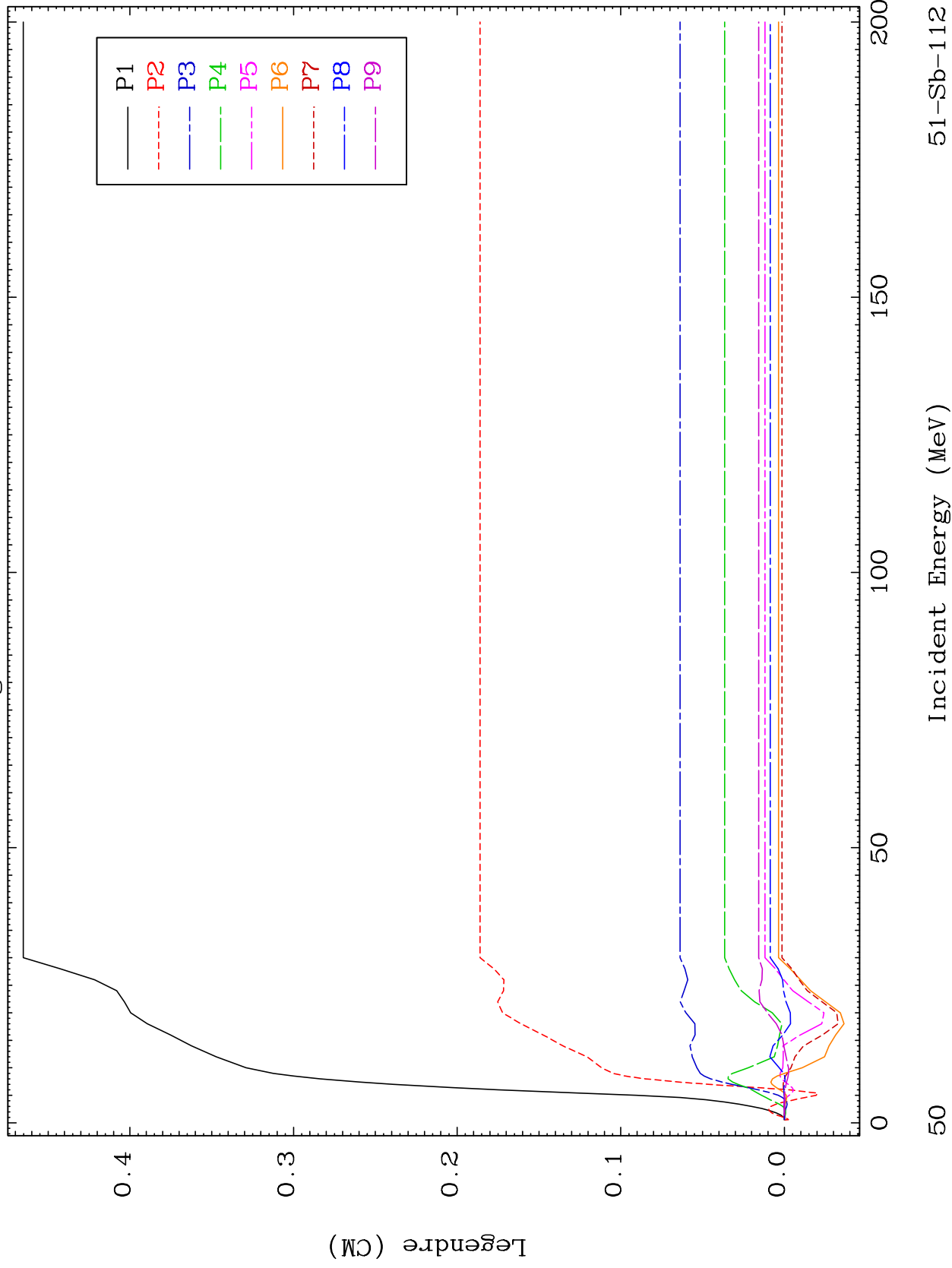
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



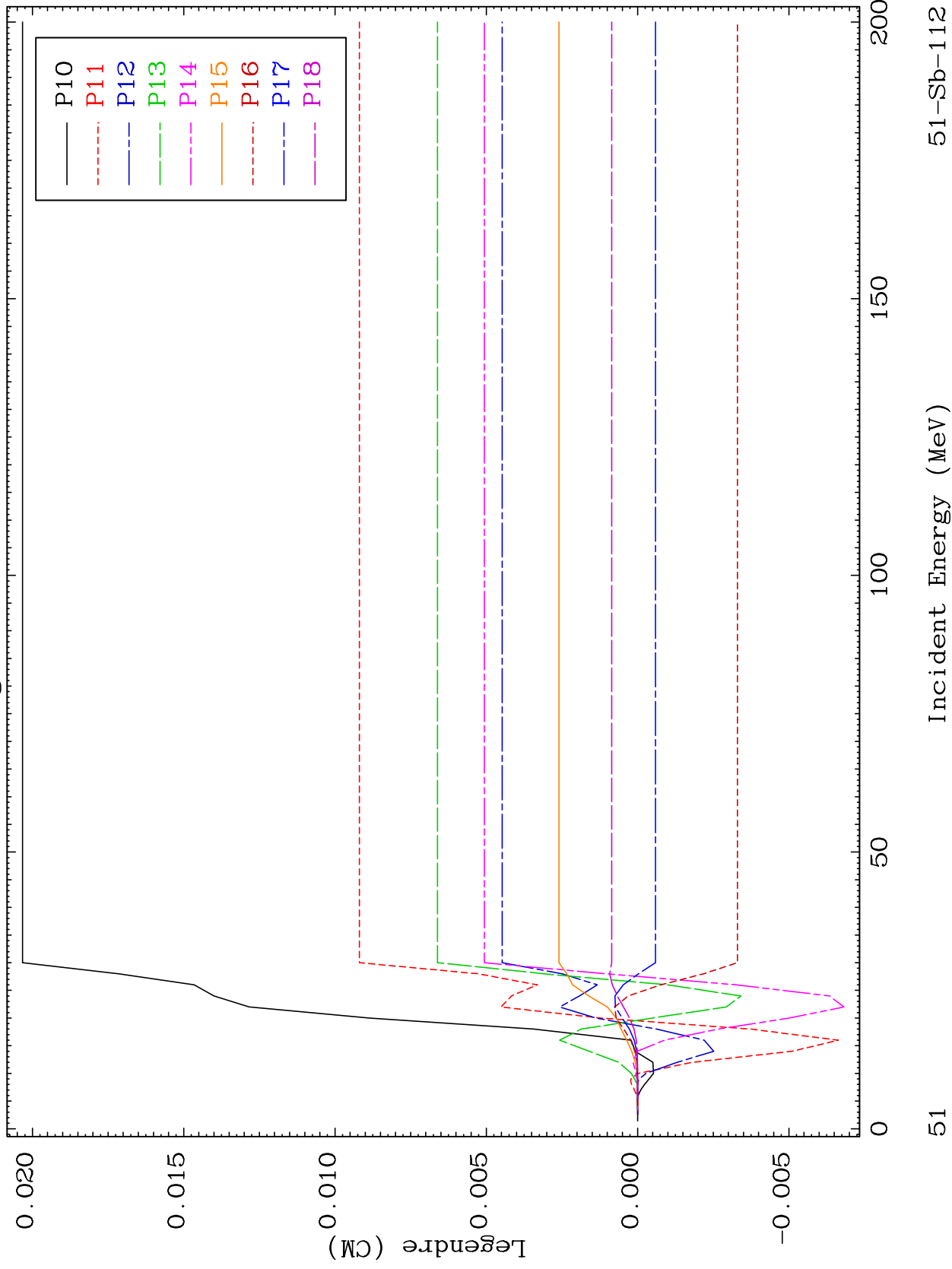
51-Sb-112

Incident Energy (MeV)

MAT 5098

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

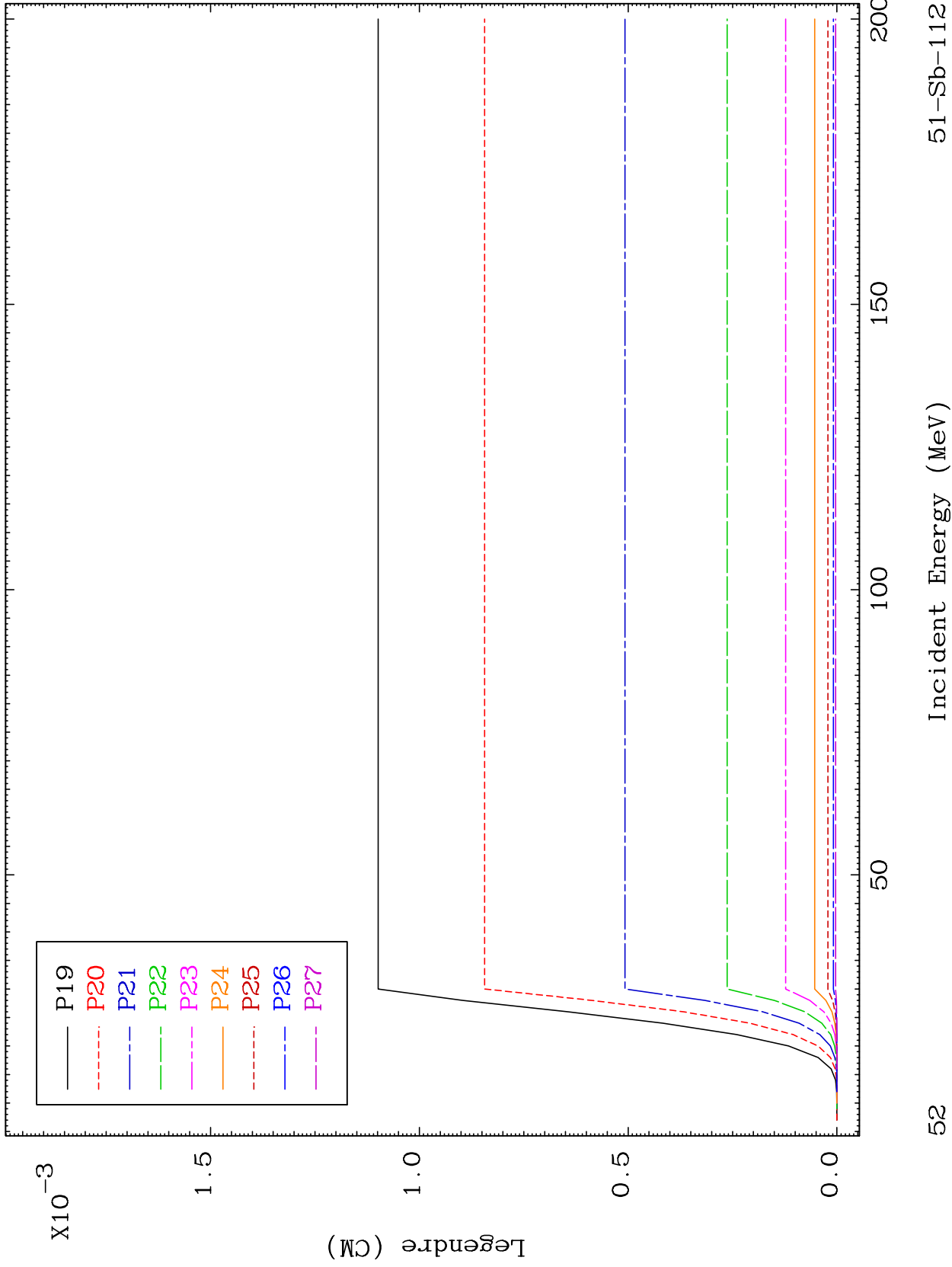
51-Sb-112



51-Sb-112

Incident Energy (MeV)

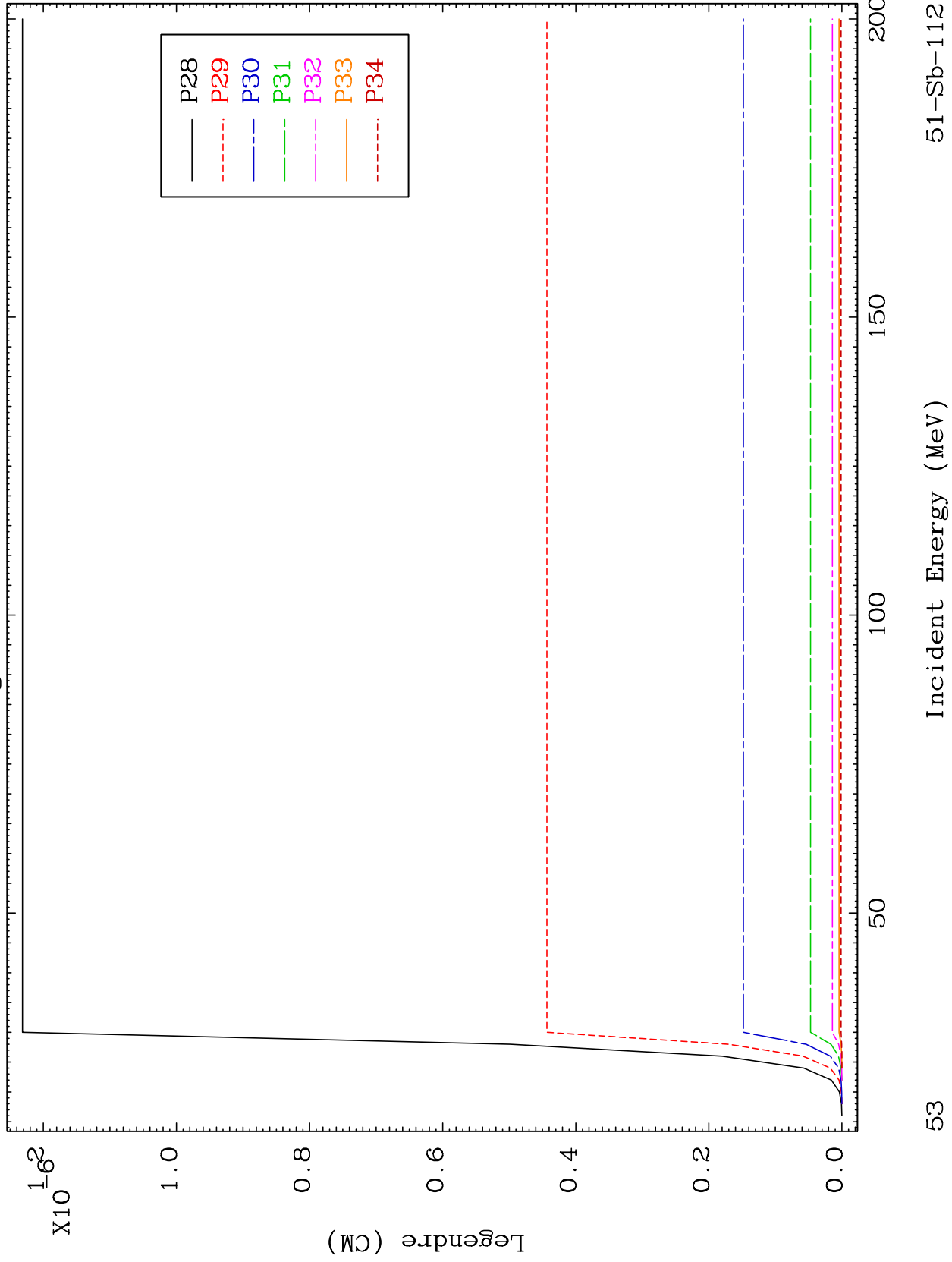
51



MAT 5098

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

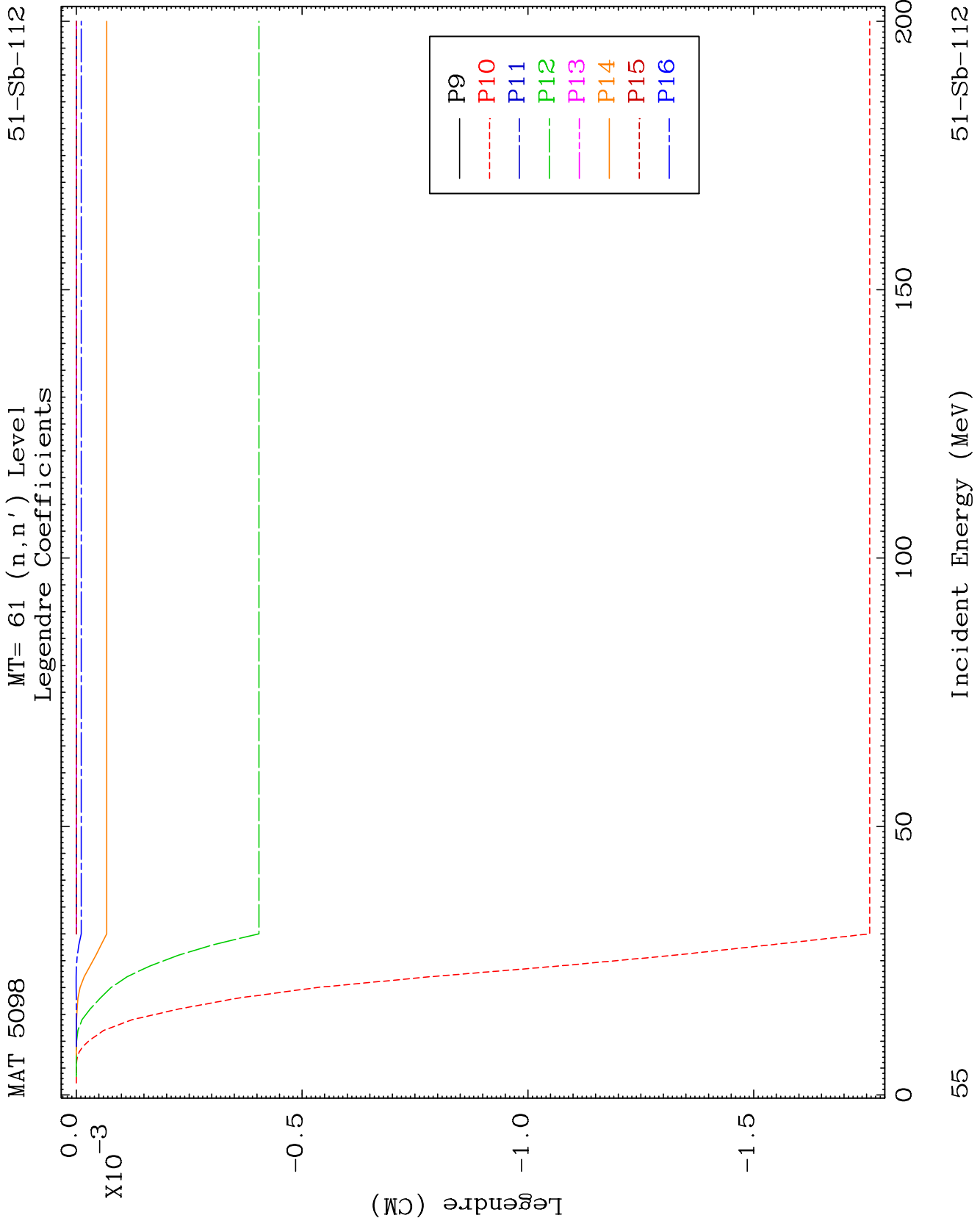
51-Sb-112



51-Sb-112

Incident Energy (MeV)

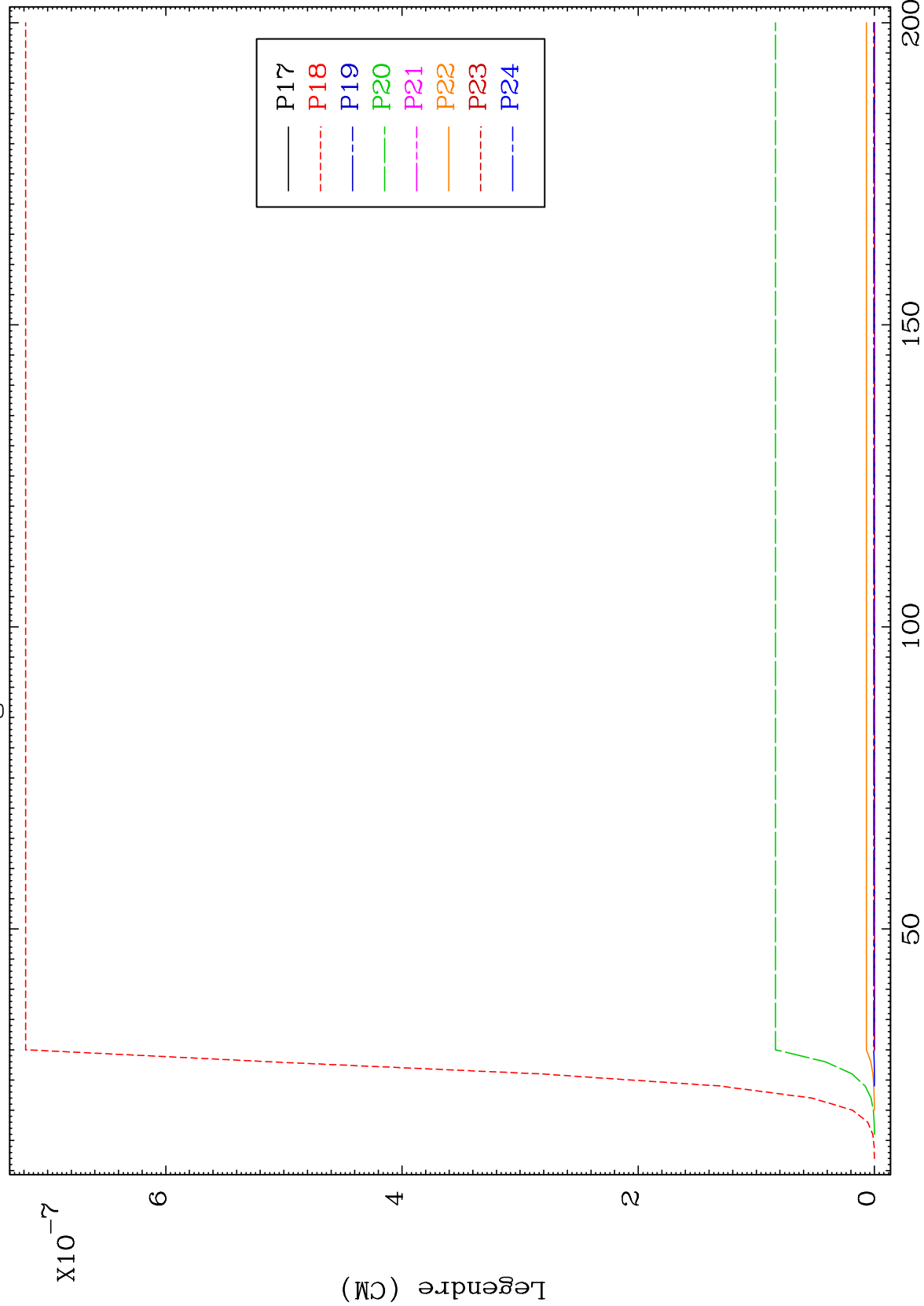
53



MAT 5098

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

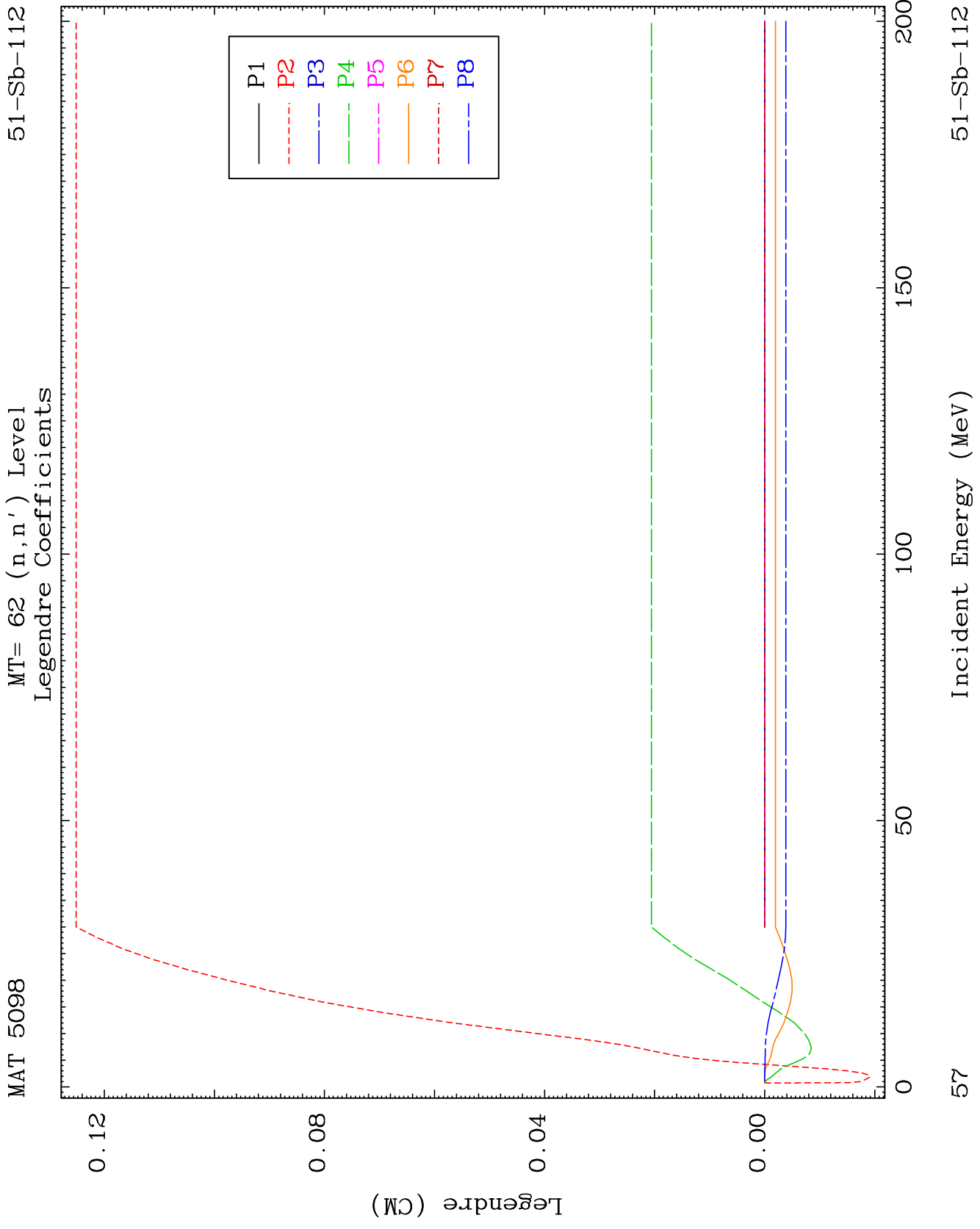
51-Sb-112



51-Sb-112

Incident Energy (MeV)

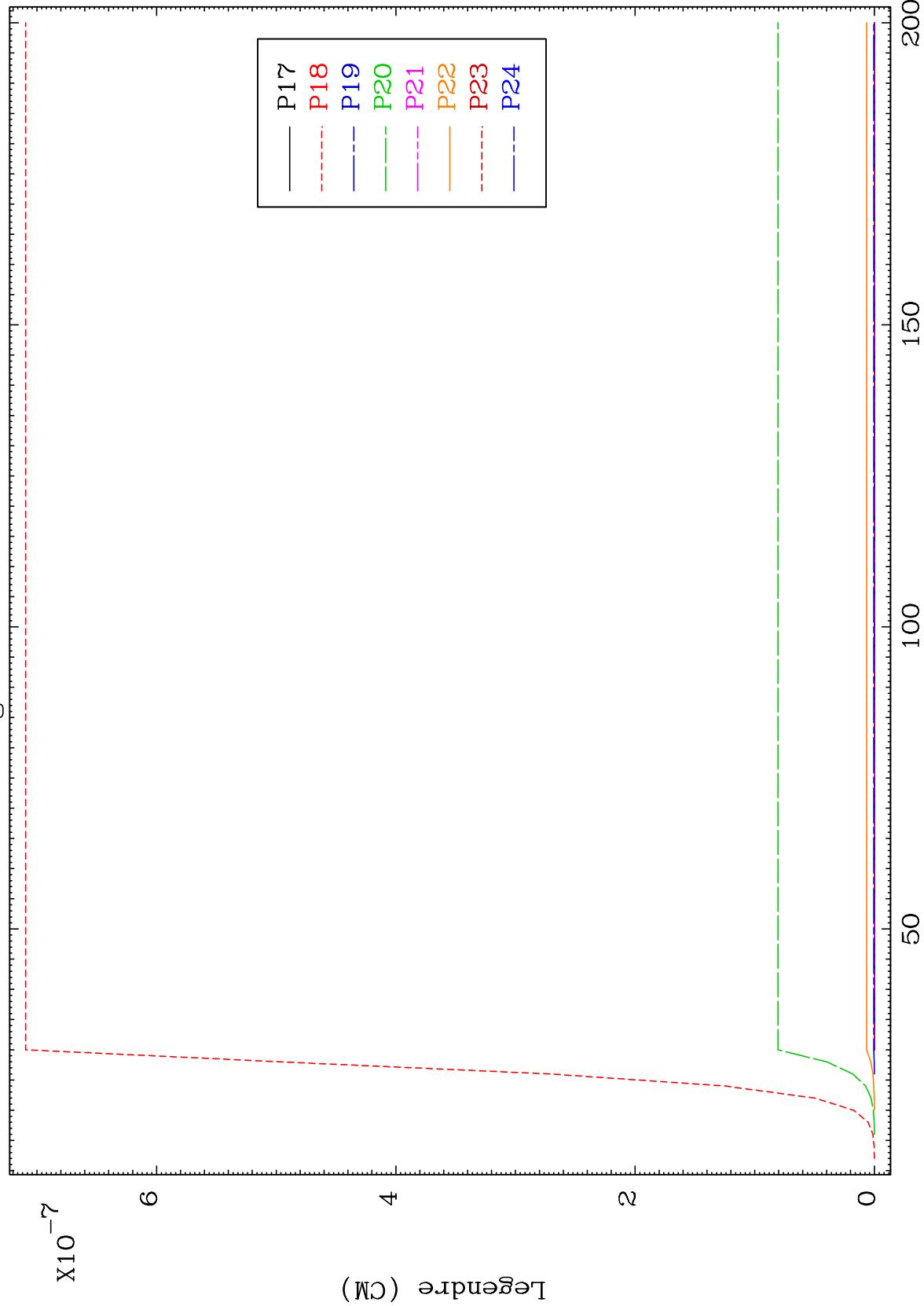
56



MAT 5098

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

51-Sb-112



51-Sb-112

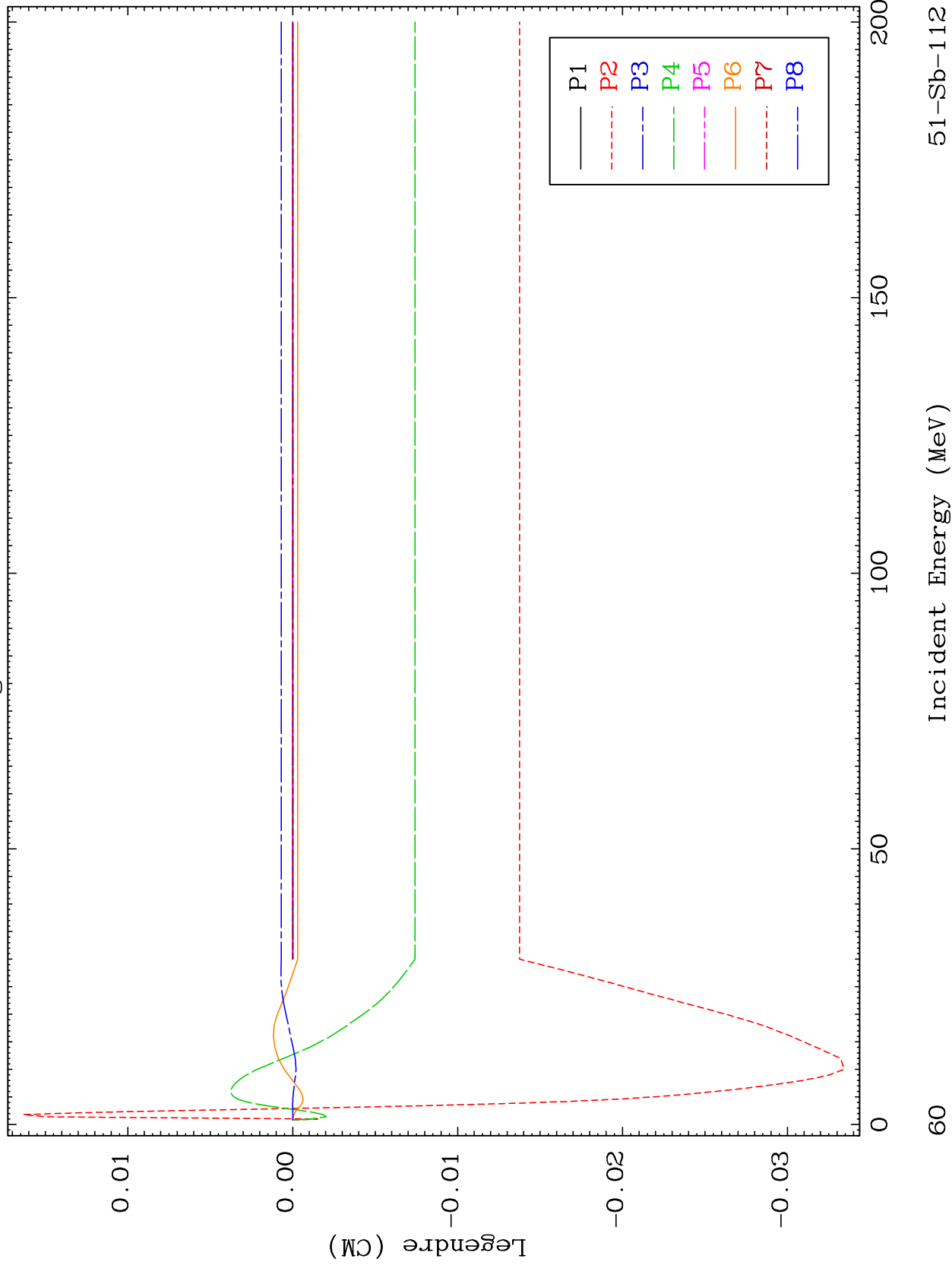
Incident Energy (MeV)

59

MAT 5098

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

51-Sb-112



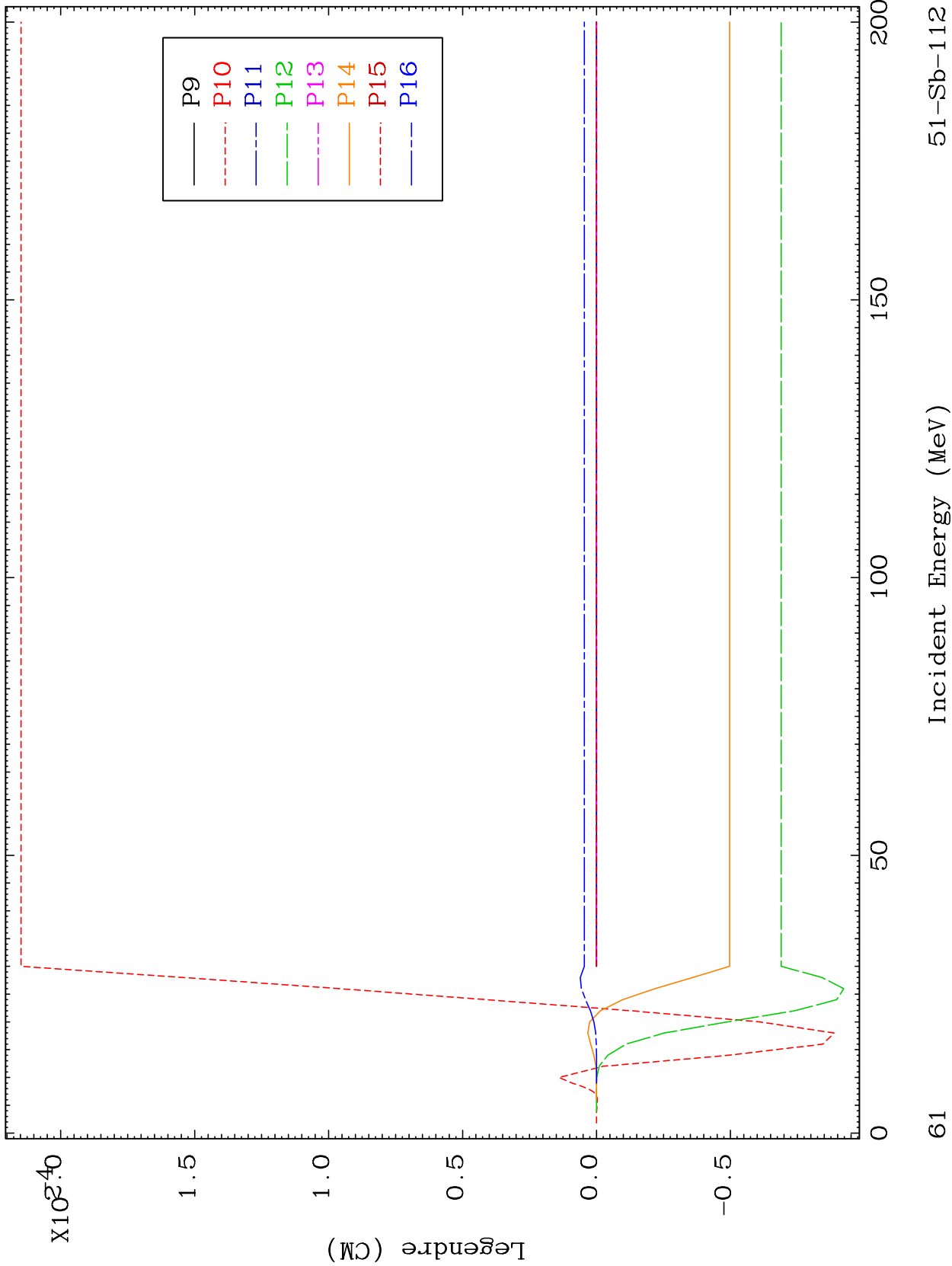
51-Sb-112

Incident Energy (MeV)

MAT 5098

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

51-Sb-112



51-Sb-112

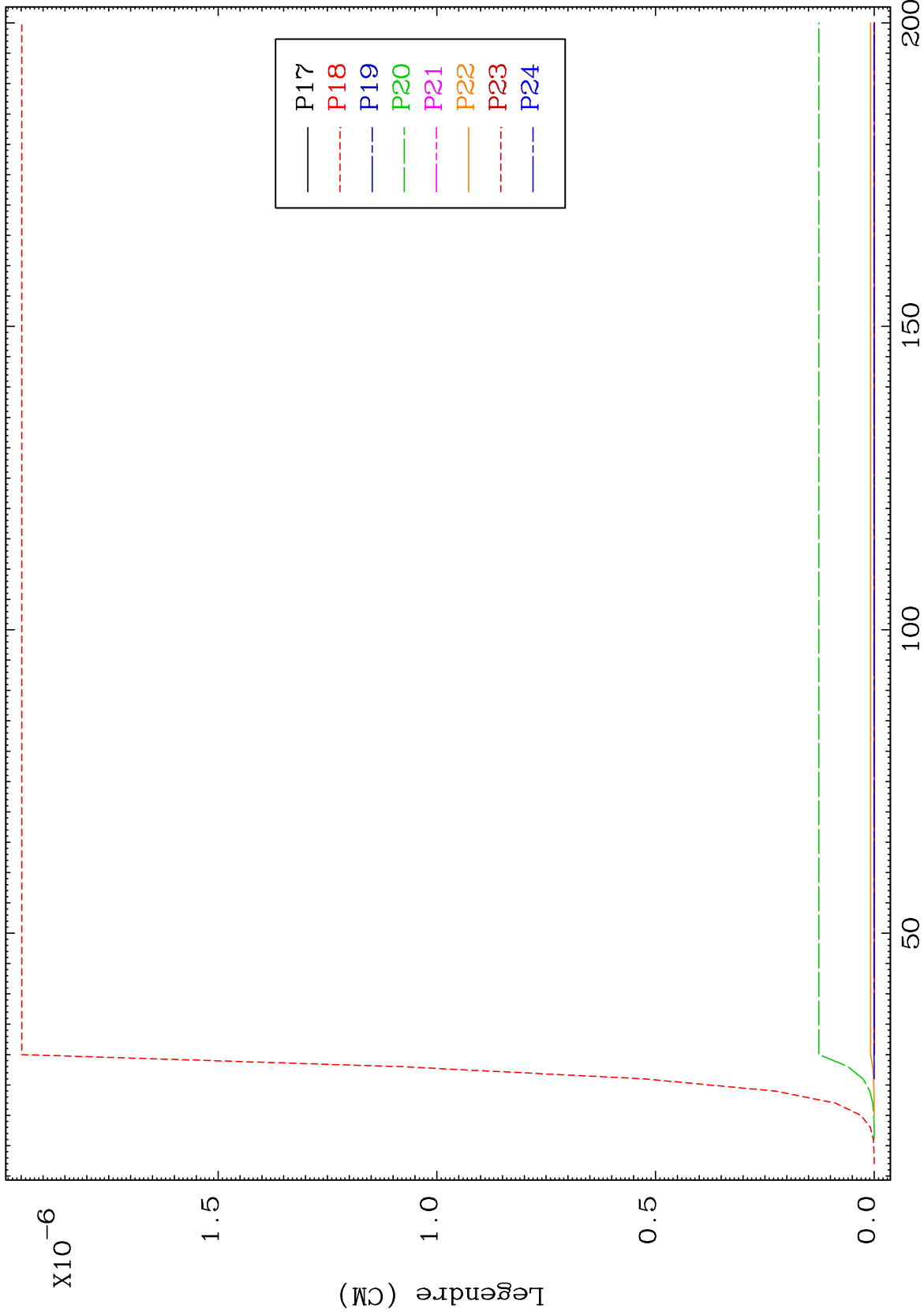
Incident Energy (MeV)

61

MAT 5098

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

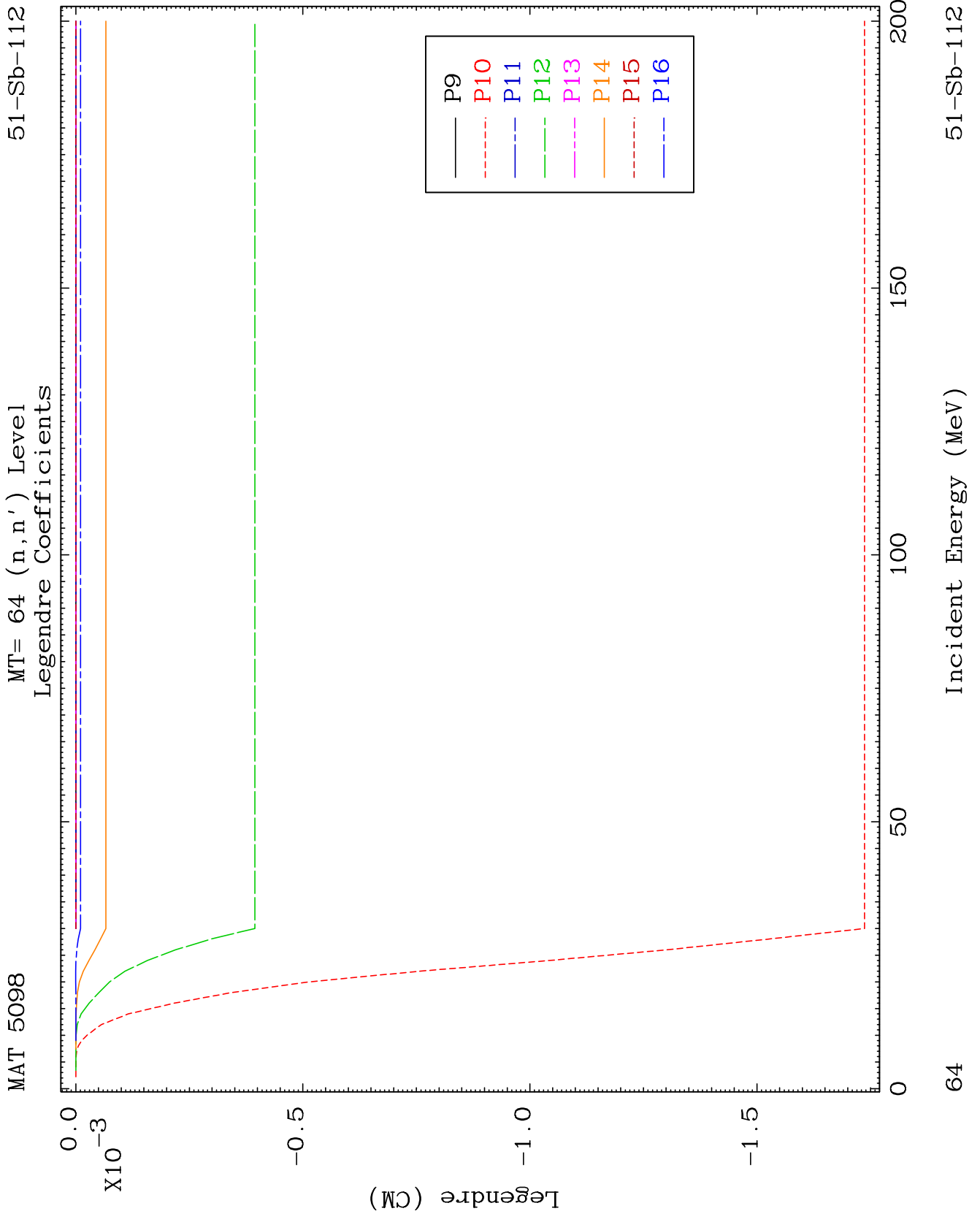
51-Sb-112



62

Incident Energy (MeV)

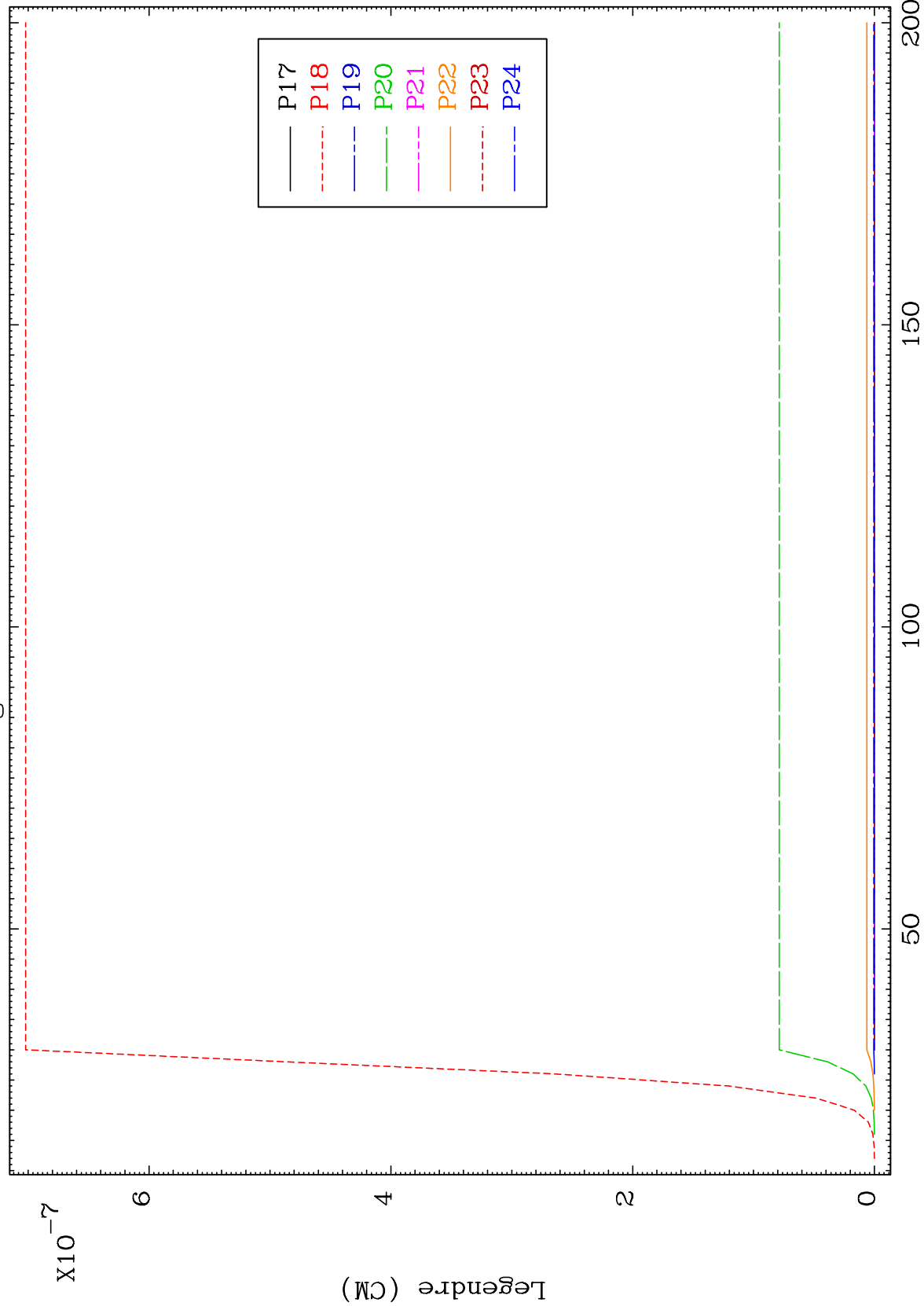
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

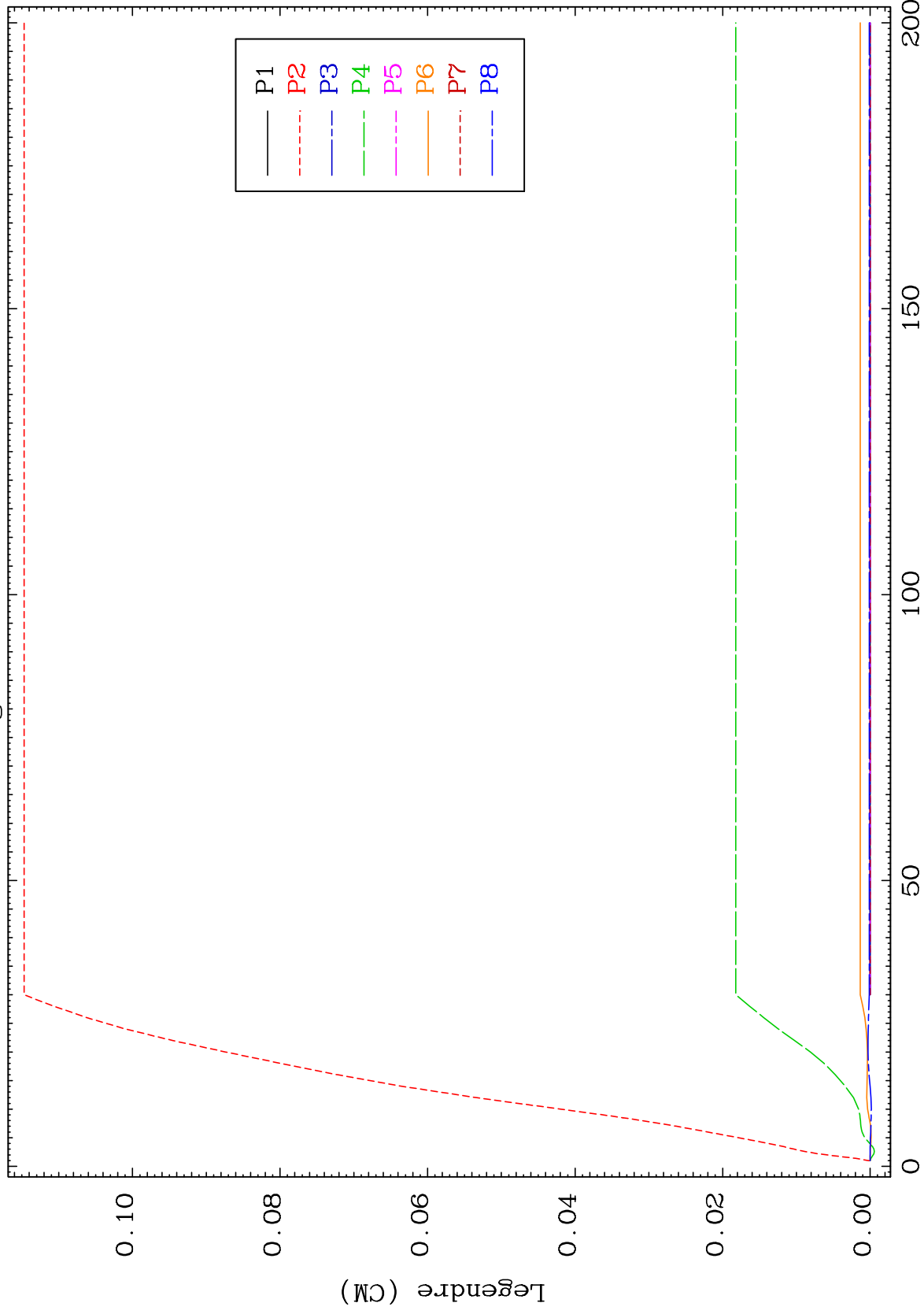
Incident Energy (MeV)

65

MAT 5098

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

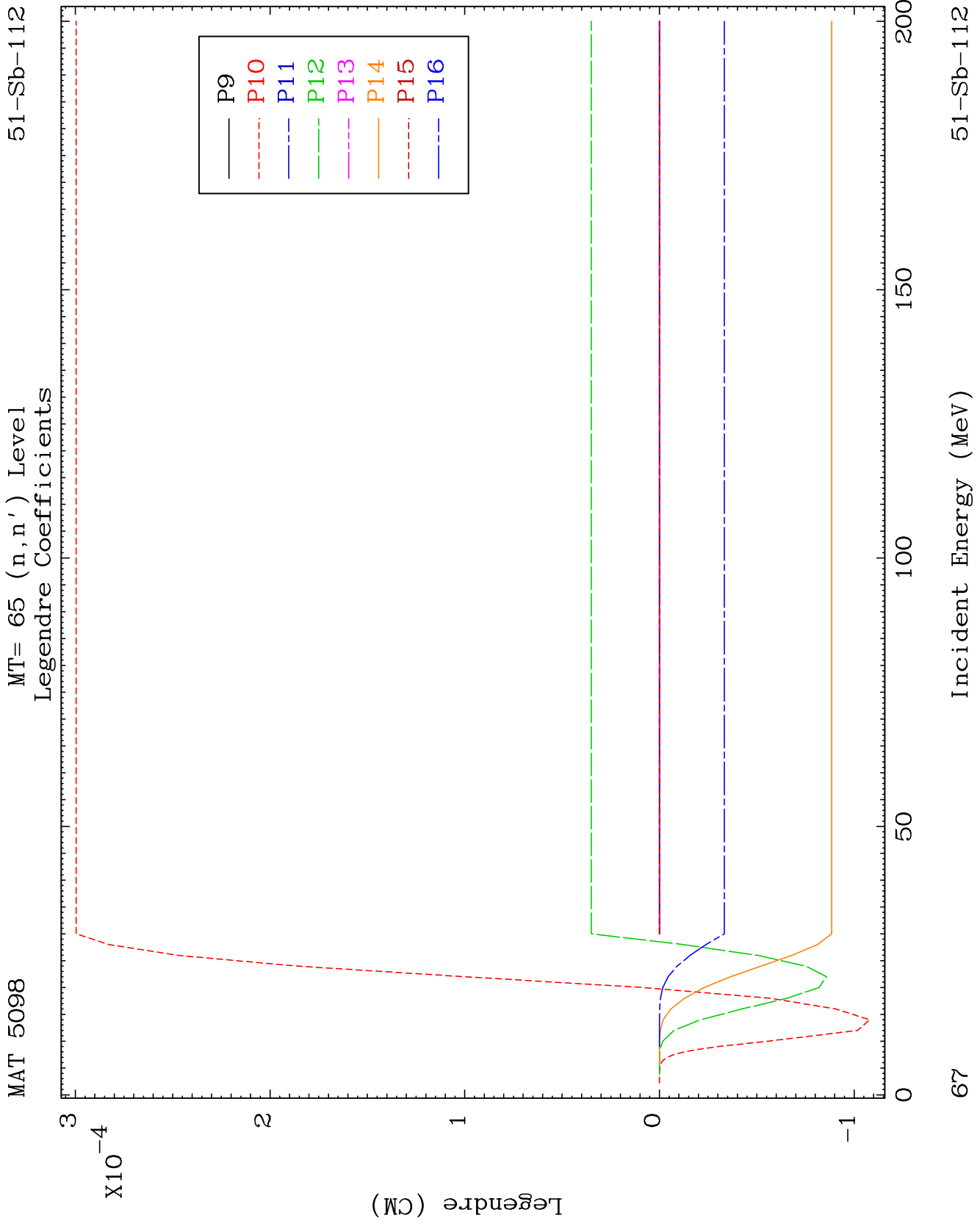
51-Sb-112

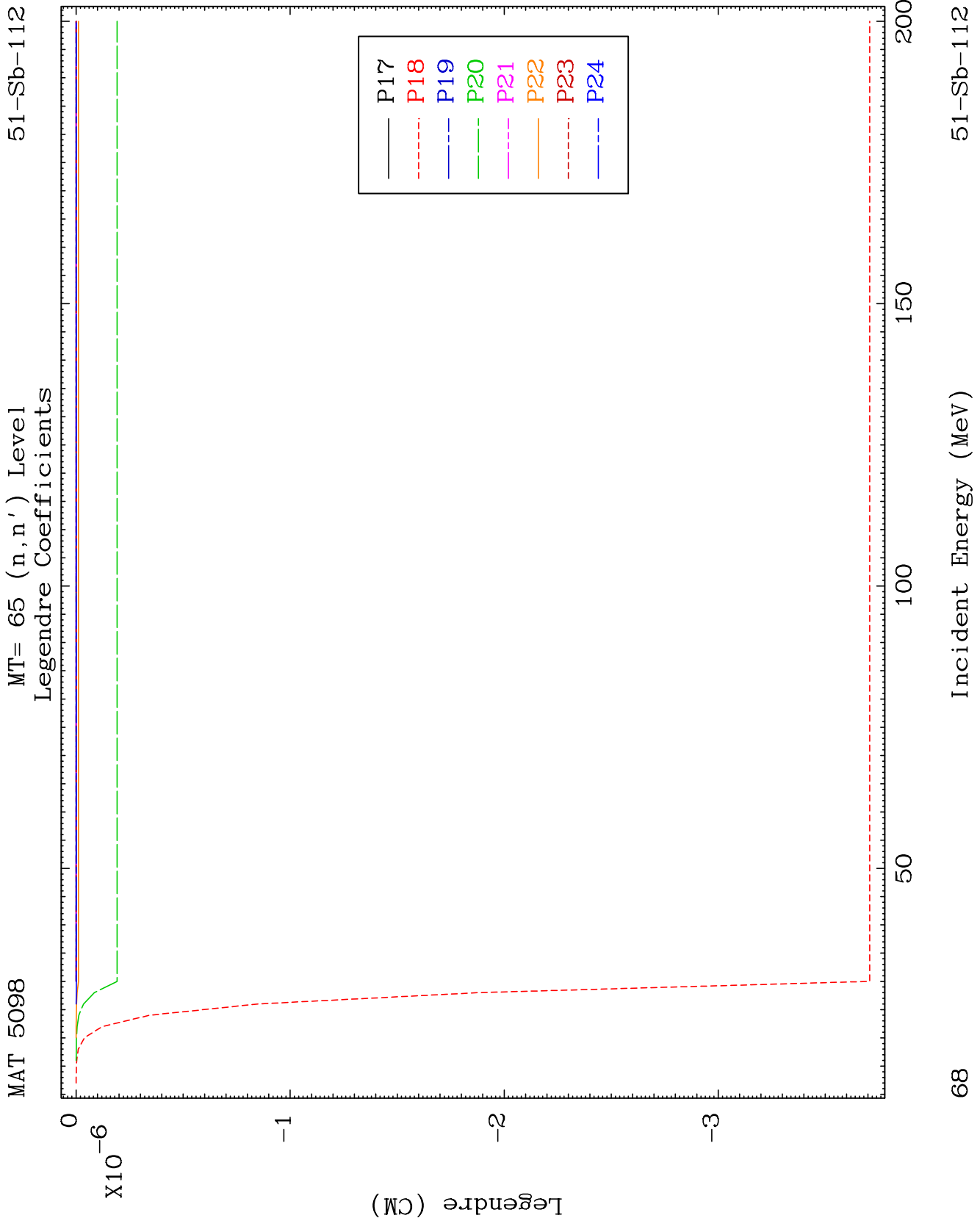


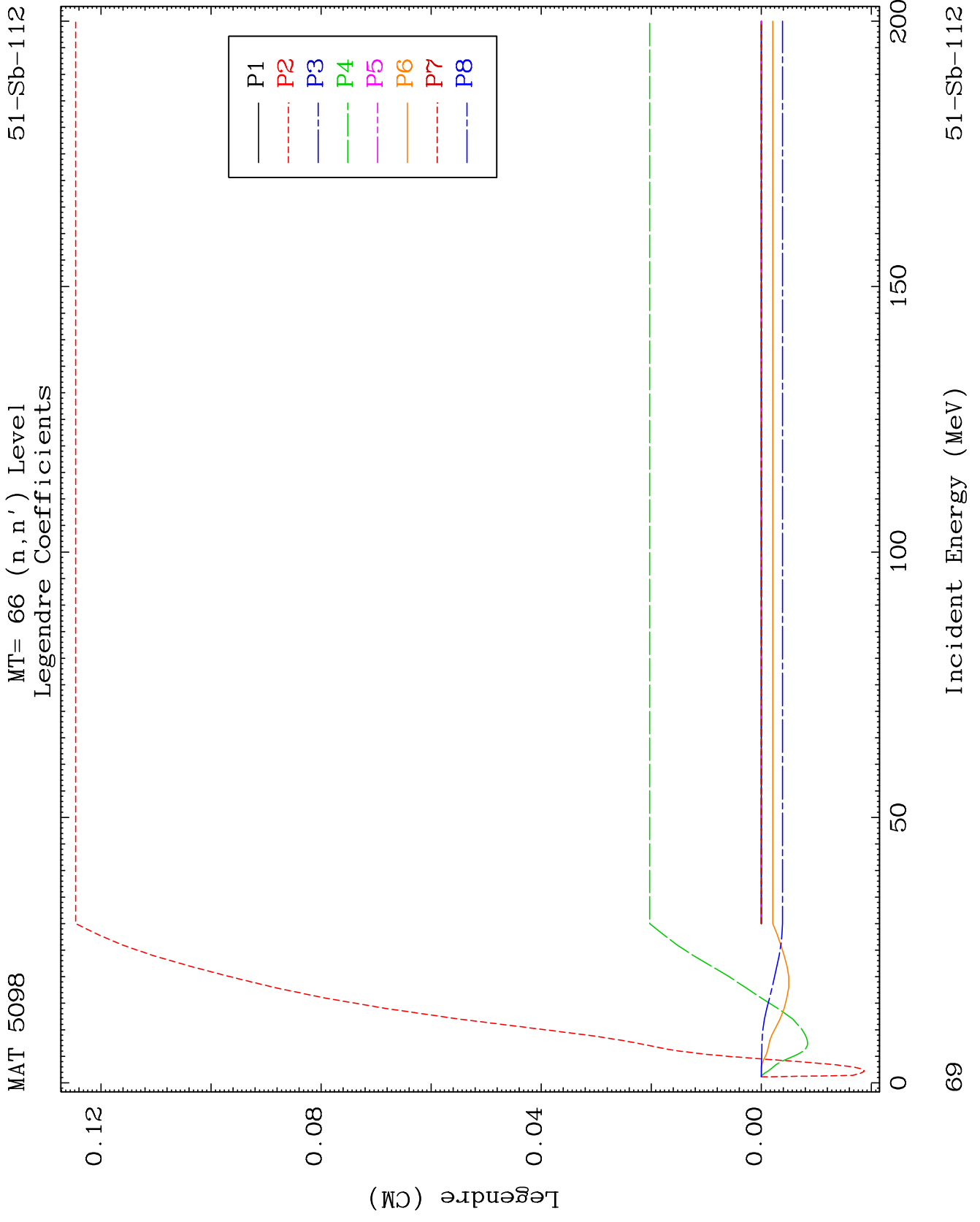
66

Incident Energy (MeV)

51-Sb-112





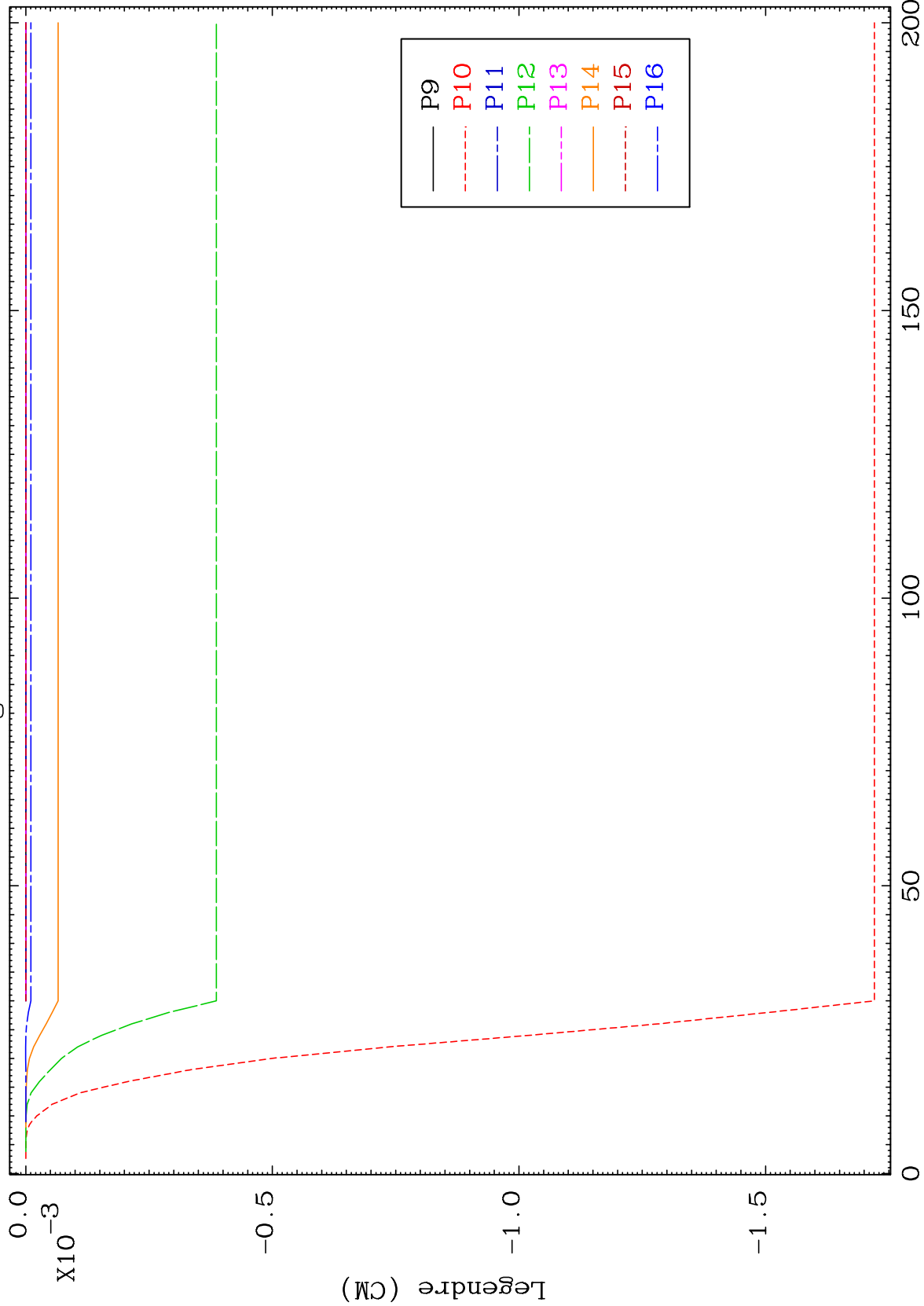


MAT 5098

MT= 66 (n,n') Level

51-Sb-112

Legendre Coefficients



70

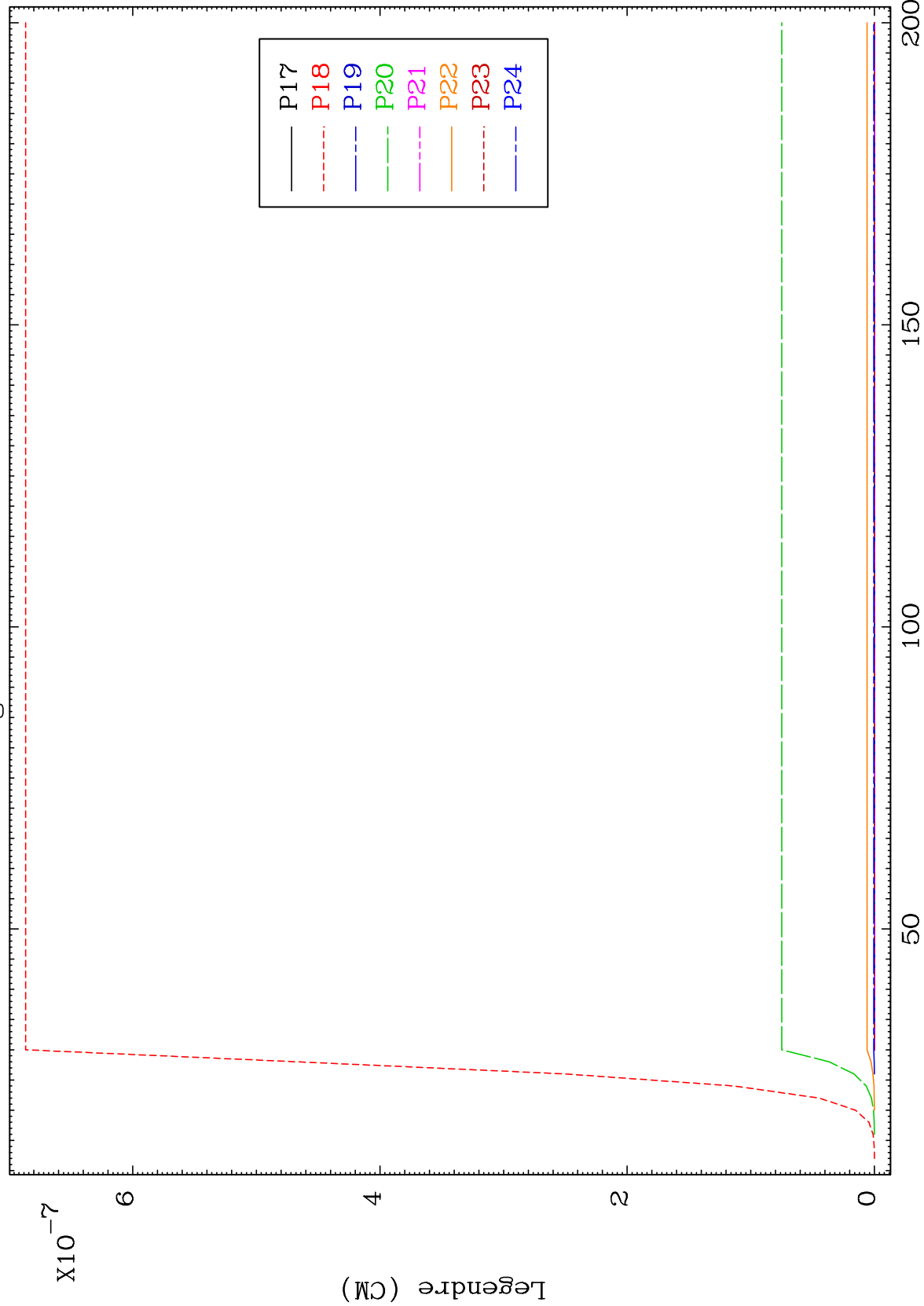
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

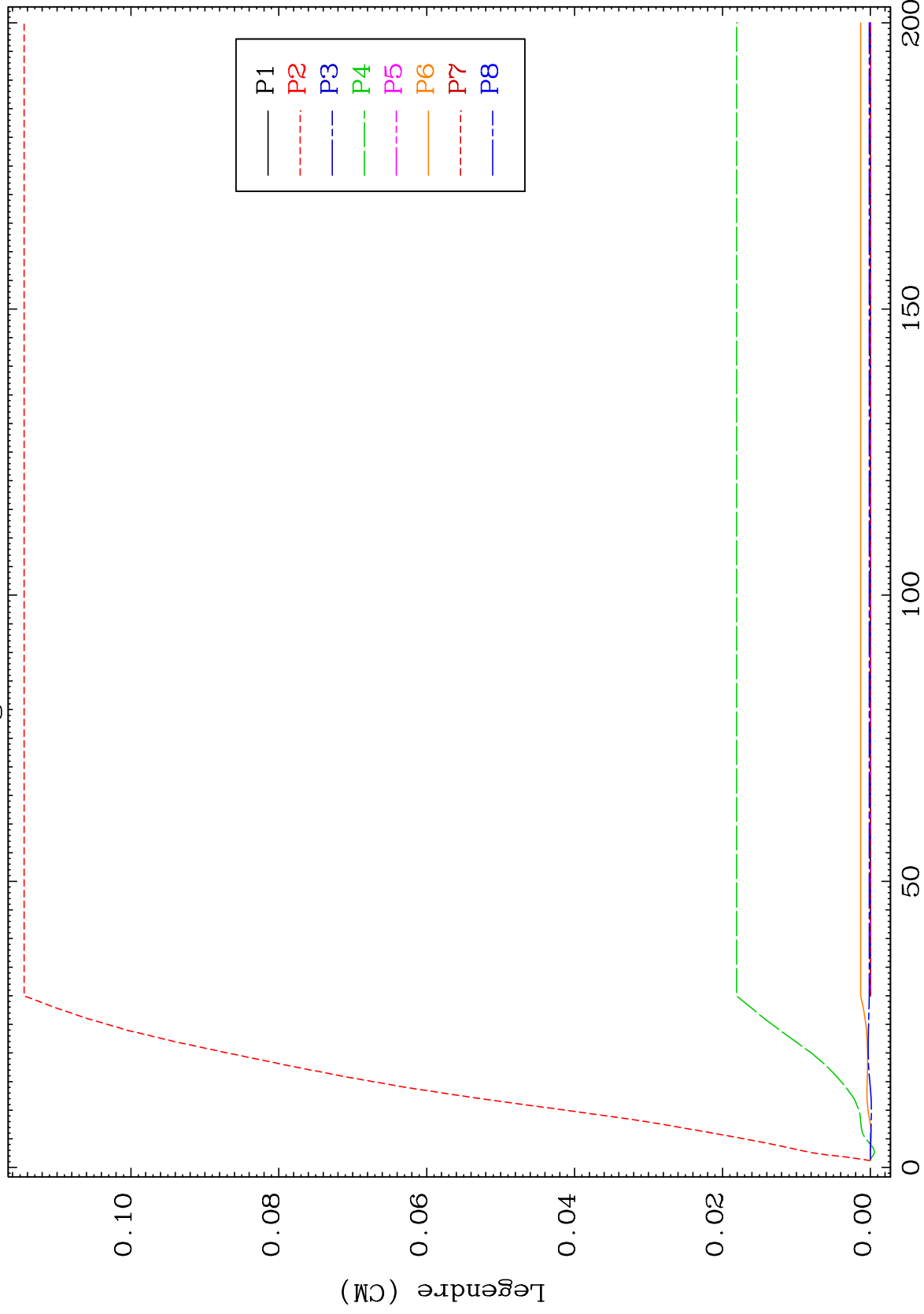
Incident Energy (MeV)

71

MAT 5098

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

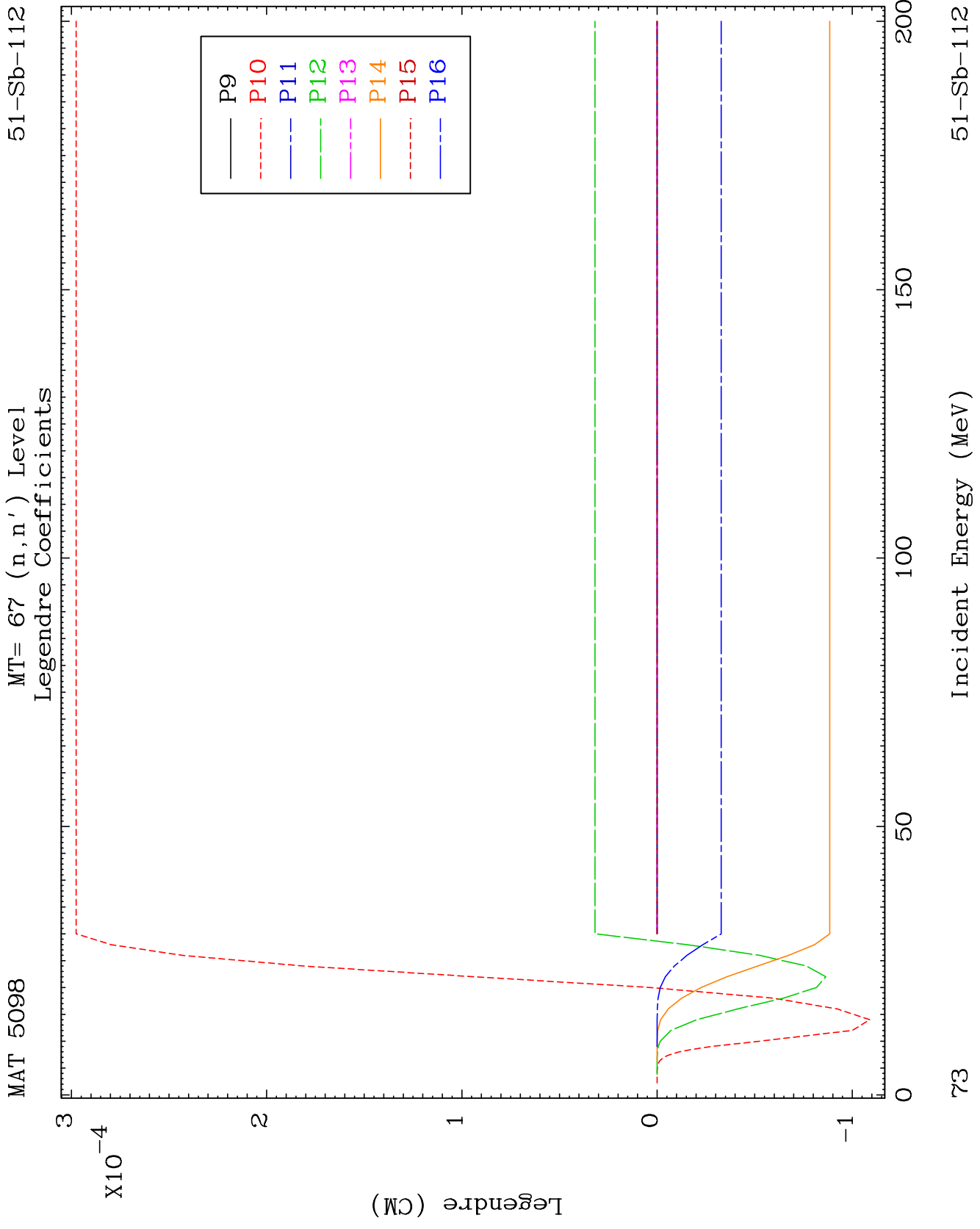
51-Sb-112



72

Incident Energy (MeV)

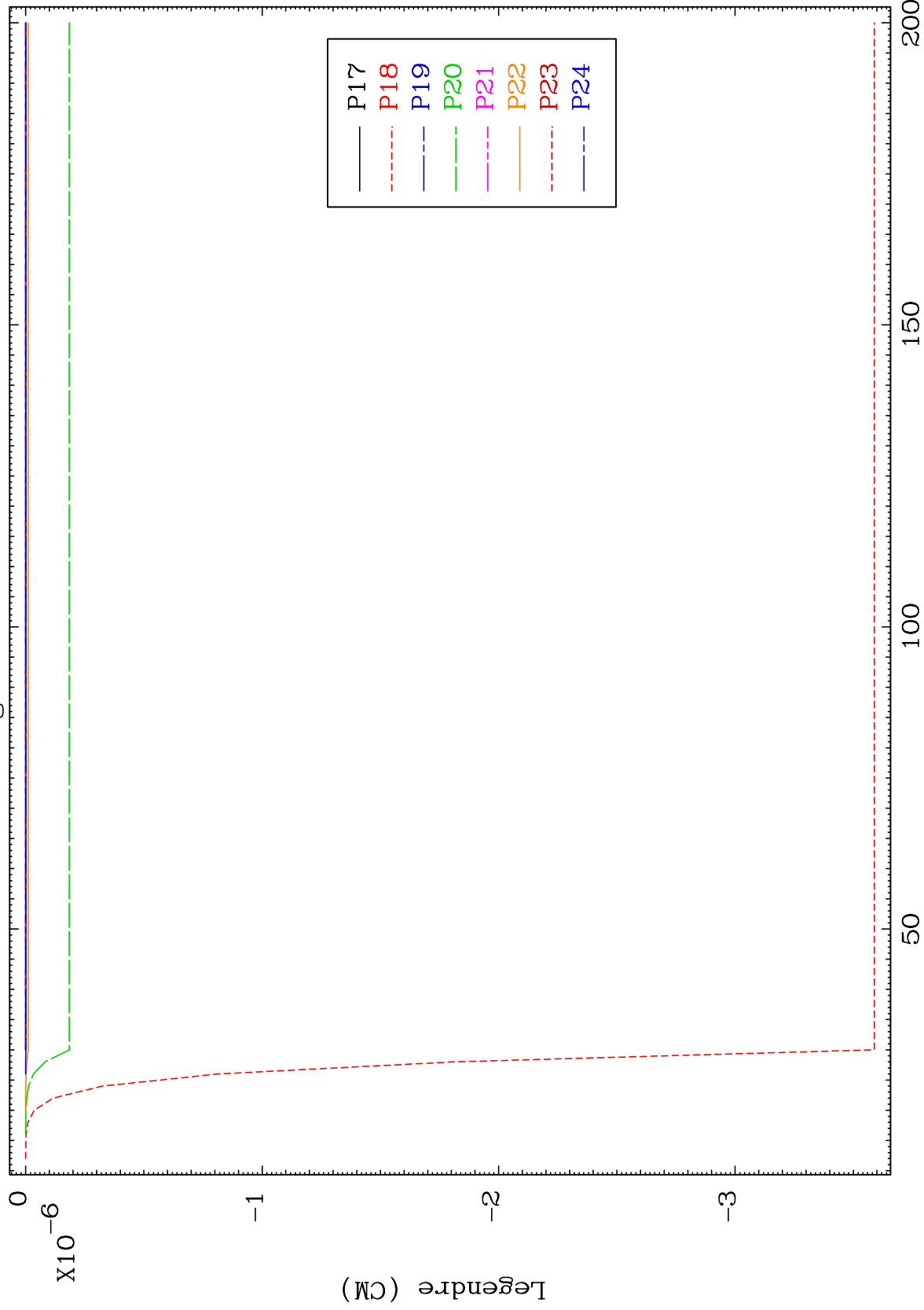
51-Sb-112



MAT 5098

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

51-Sb-112



74

Incident Energy (MeV)

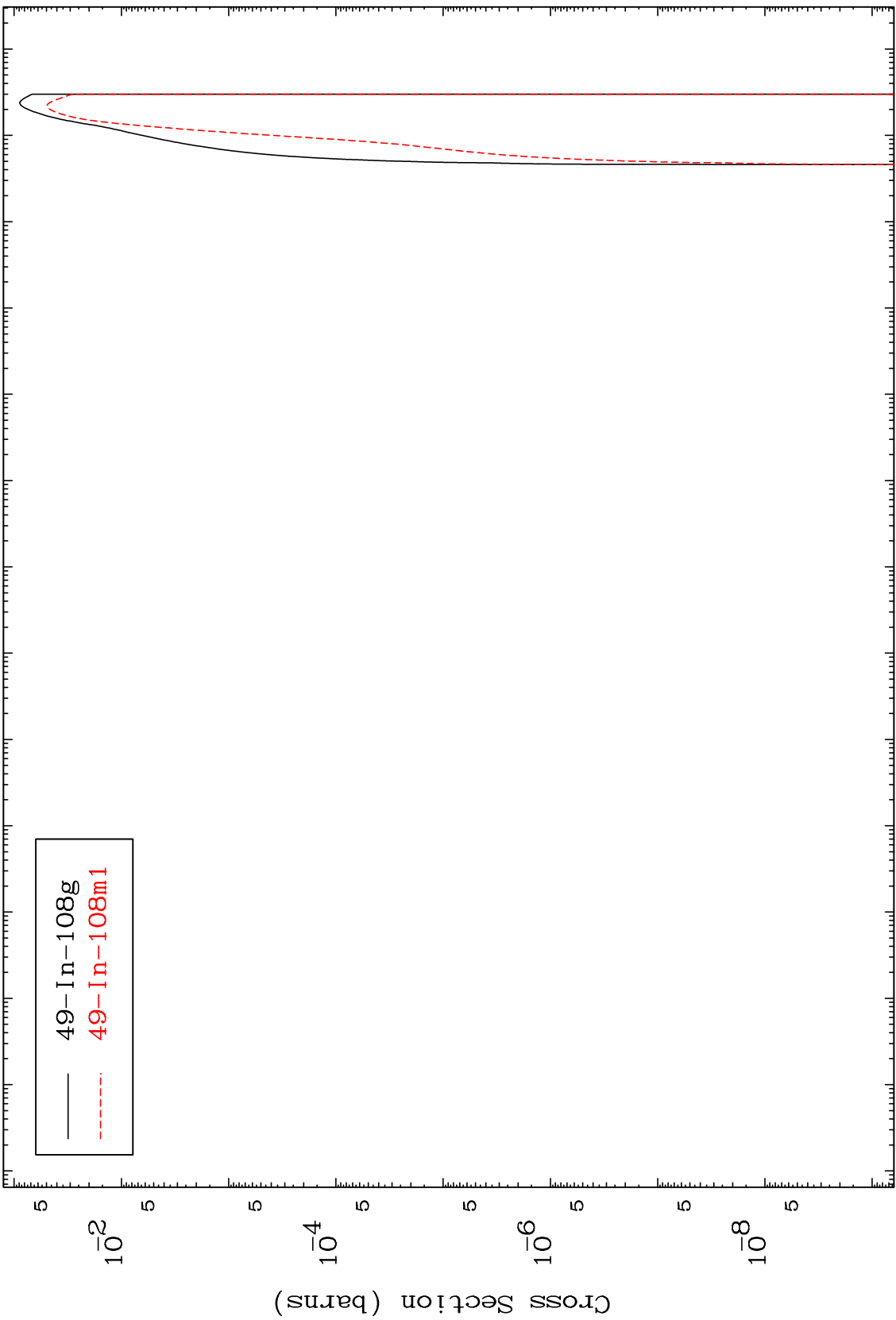
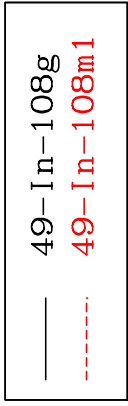
51-Sb-112

MAT 5098

(n,n') α

51-Sb-112

Radionuclide Production Cross Section



75

Incident Energy (MeV)

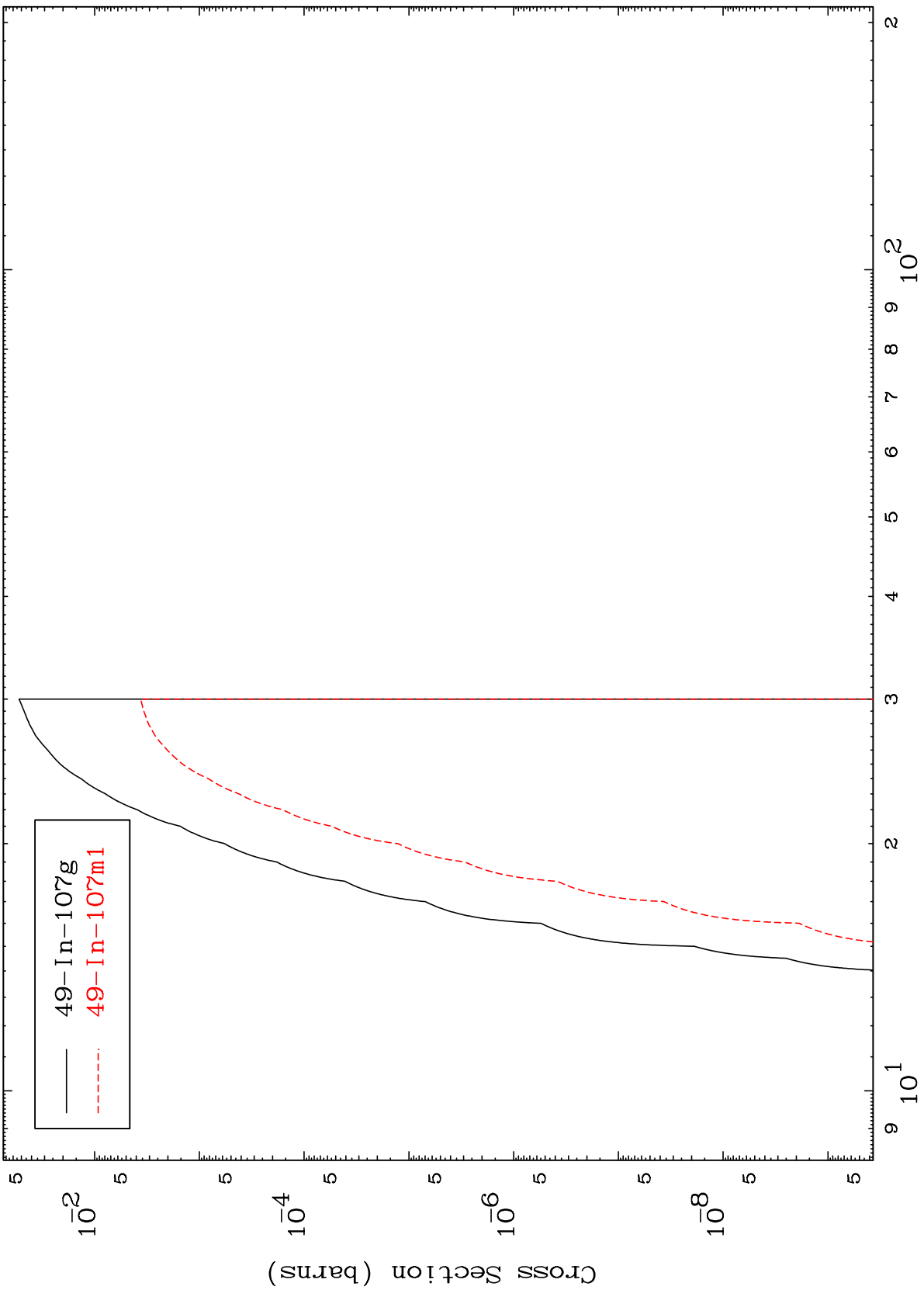
51-Sb-112

MAT 5098

(n,2n) α

51-Sb-112

Radionuclide Production Cross Section



76

Incident Energy (MeV)

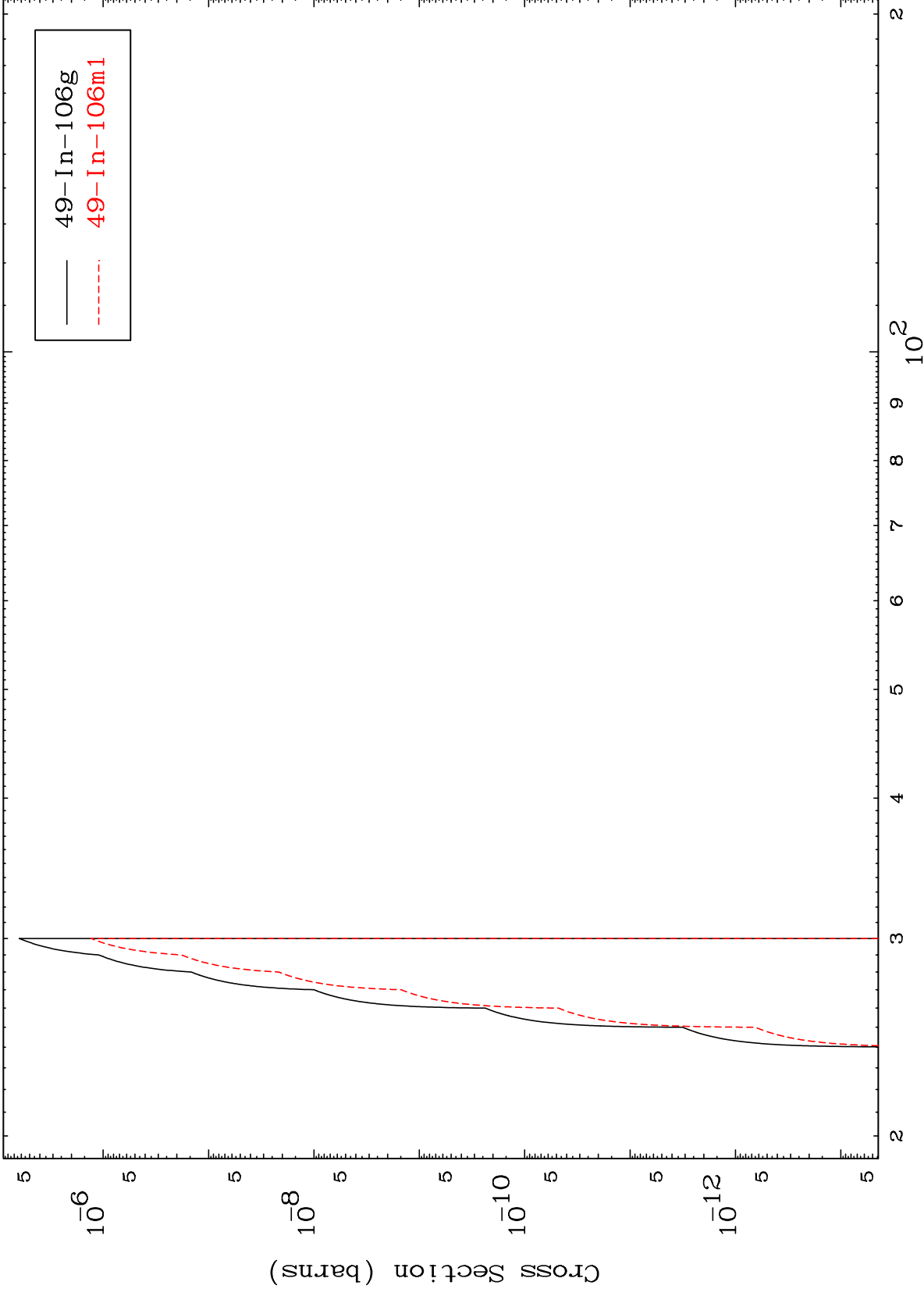
51-Sb-112

MAT 5098

(n,3n) α

51-Sb-112

Radionuclide Production Cross Section



77

Incident Energy (MeV)

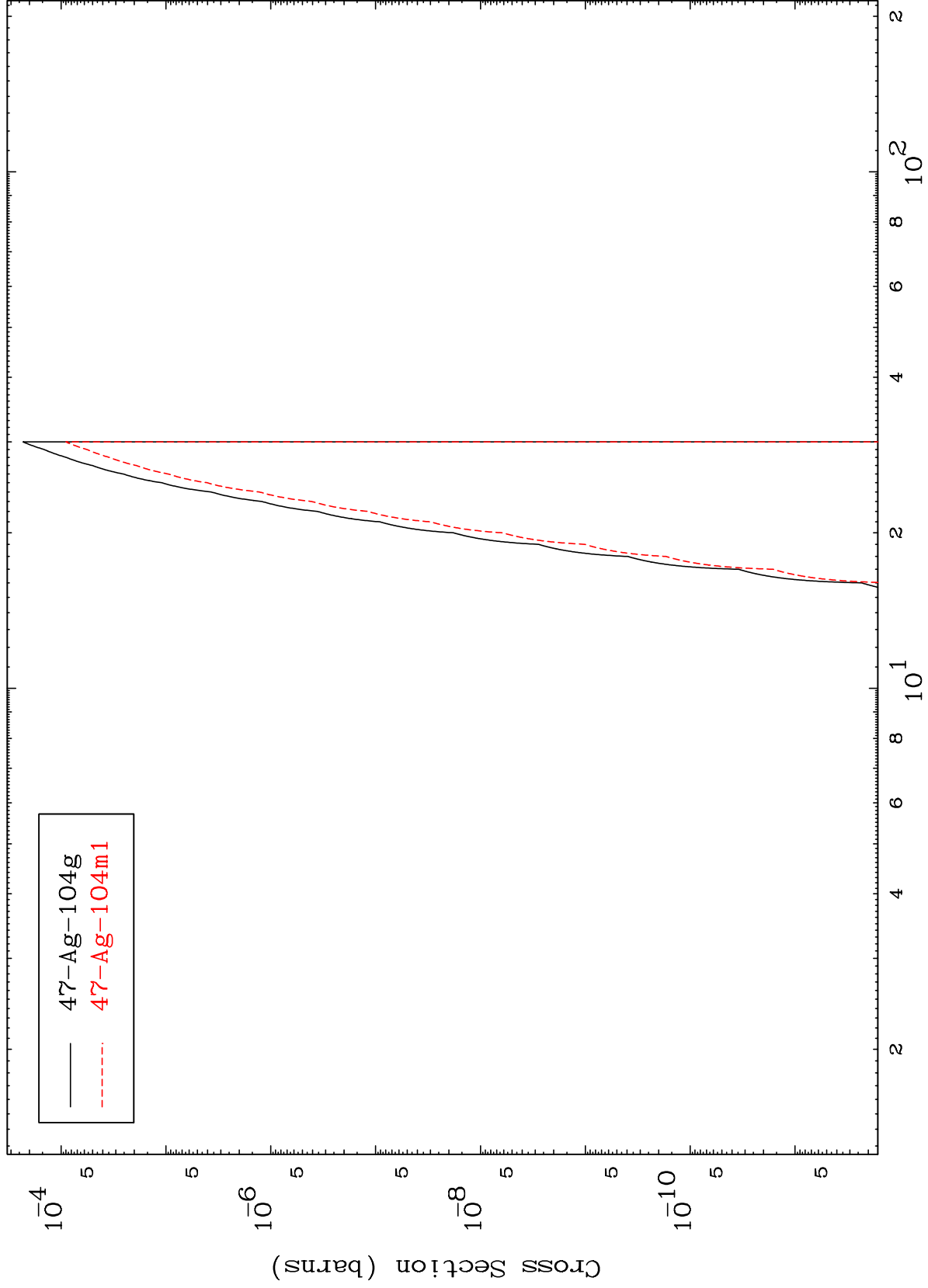
51-Sb-112

MAT 5098

(n,n') 2 α

51-Sb-112

Radionuclide Production Cross Section



78

Incident Energy (MeV)

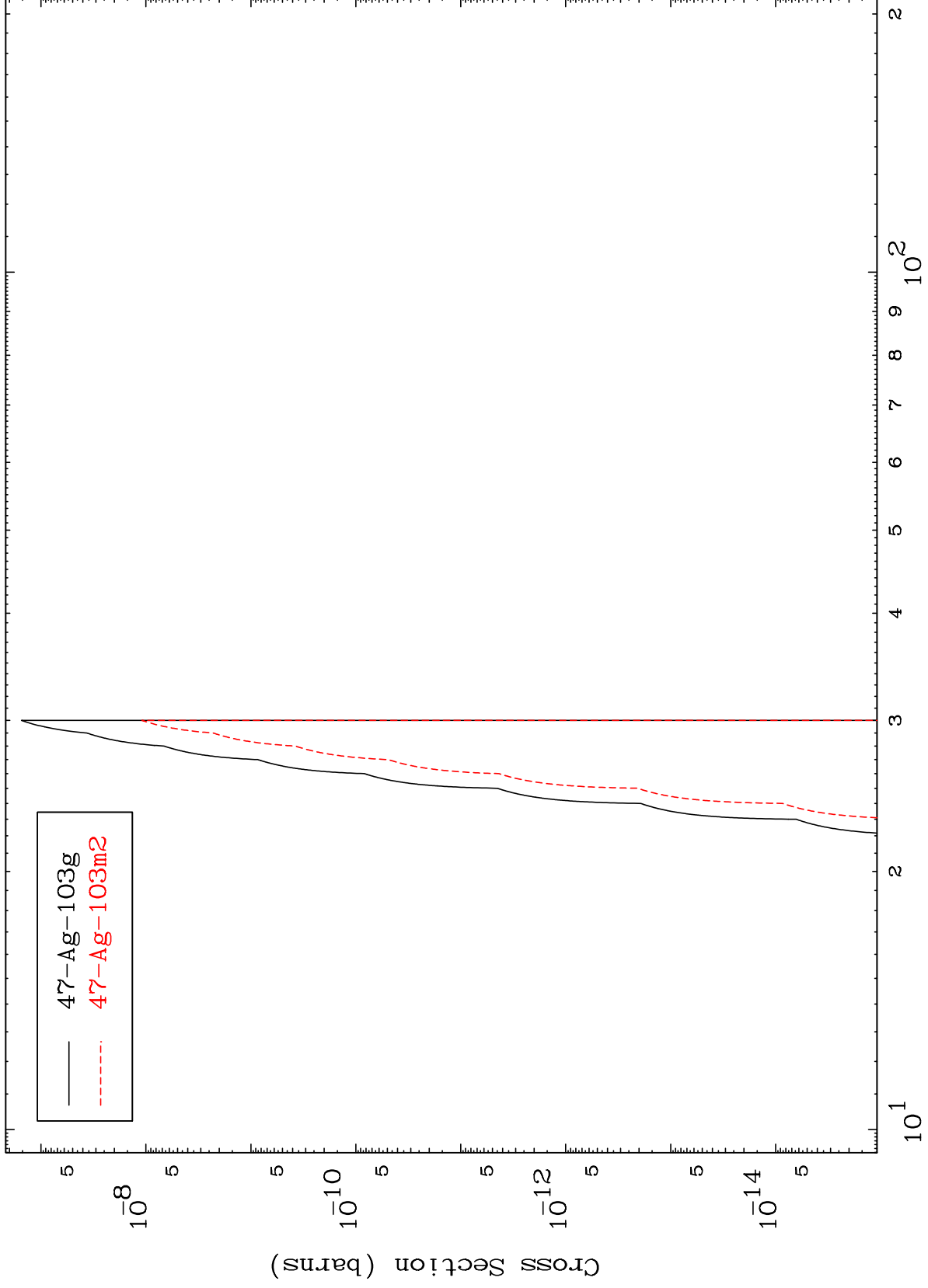
51-Sb-112

MAT 5098

(n,2n) 2α

51-Sb-112

Radionuclide Production Cross Section



79

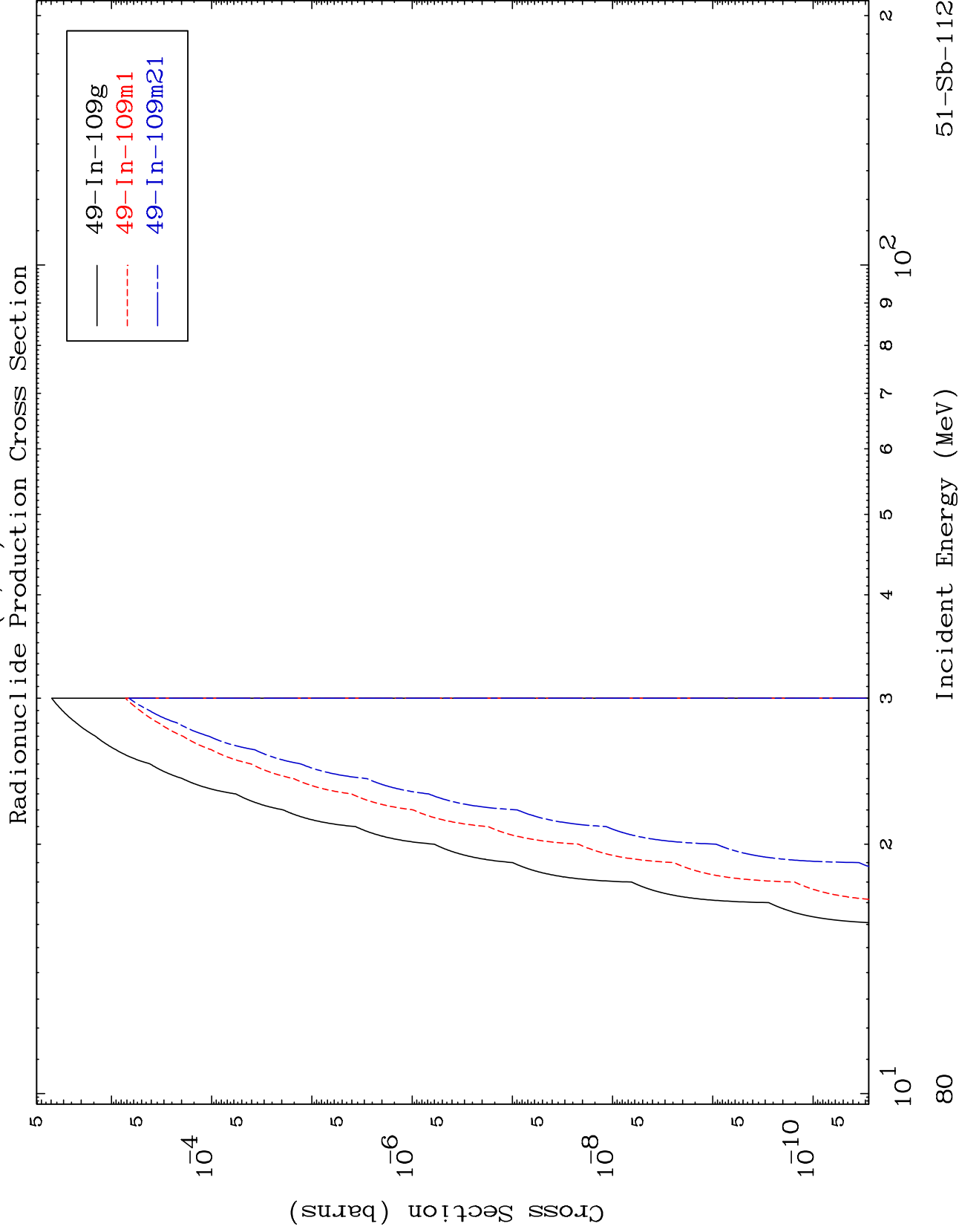
Incident Energy (MeV)

51-Sb-112

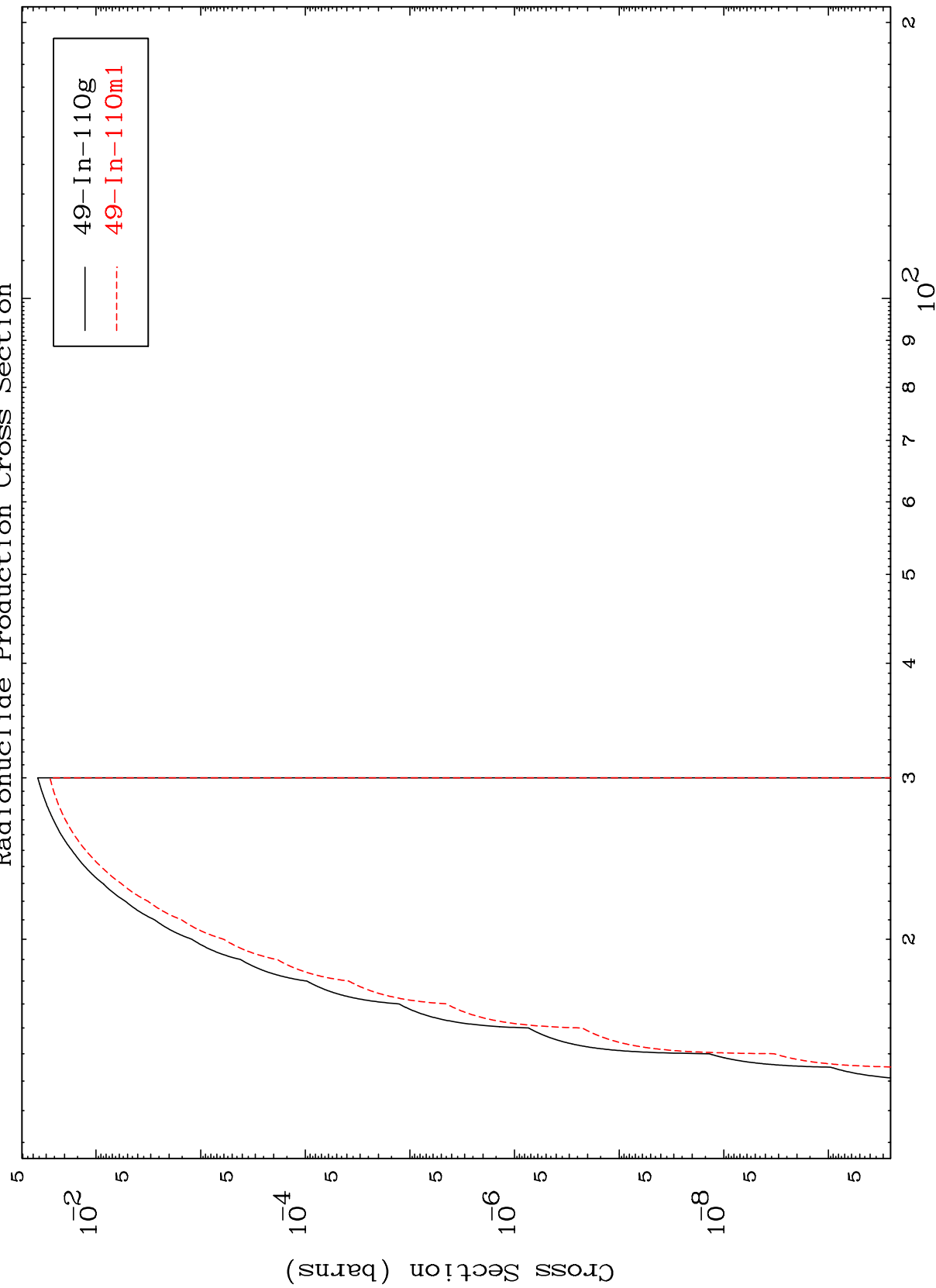
MAT 5098

(n,n') He-3

51-Sb-112



Radionuclide Production Cross Section

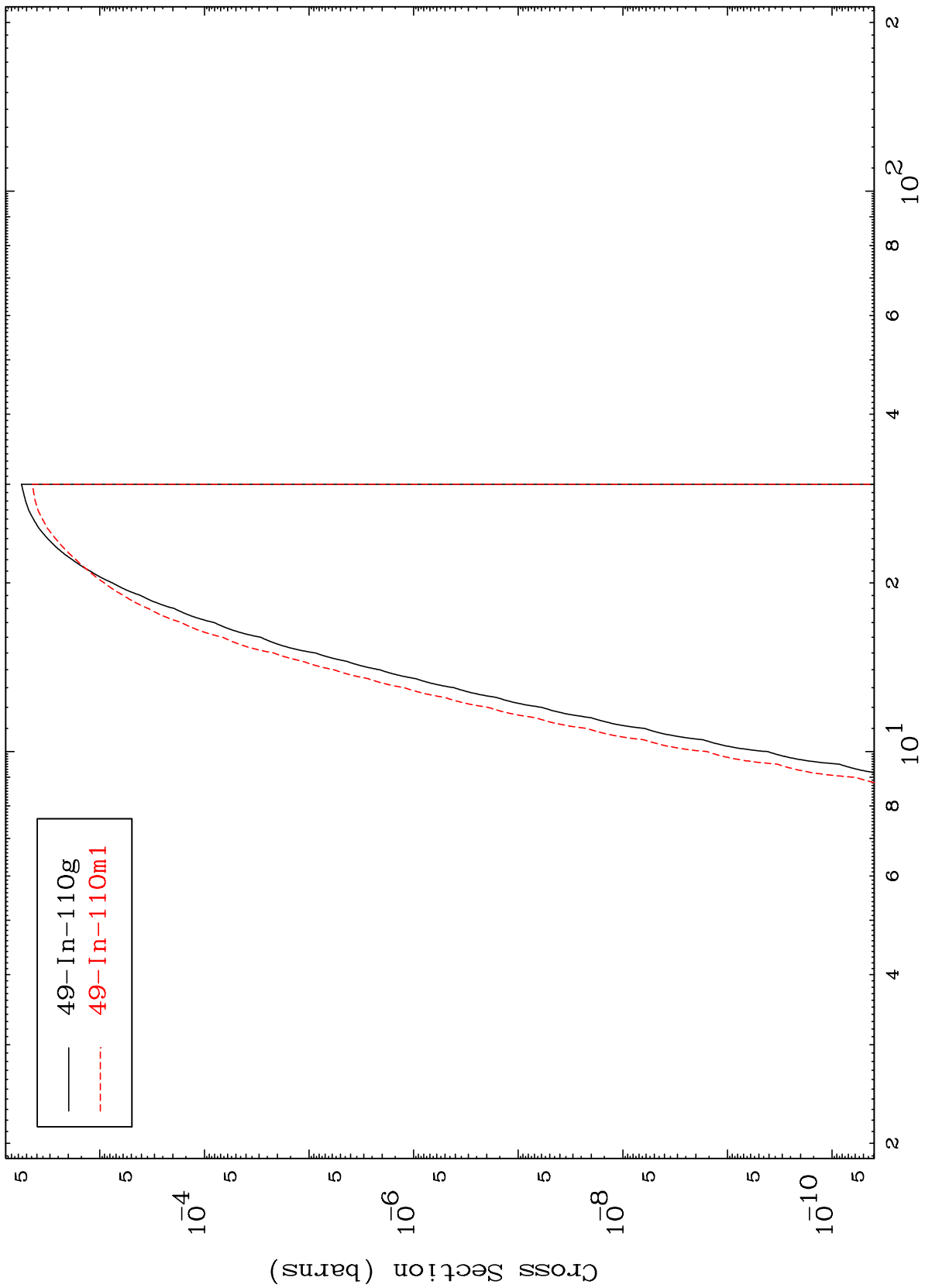


49-In-110g
49-In-110m1

MAT 5098

51-Sb-112

(n,He-3)
Radionuclide Production Cross Section



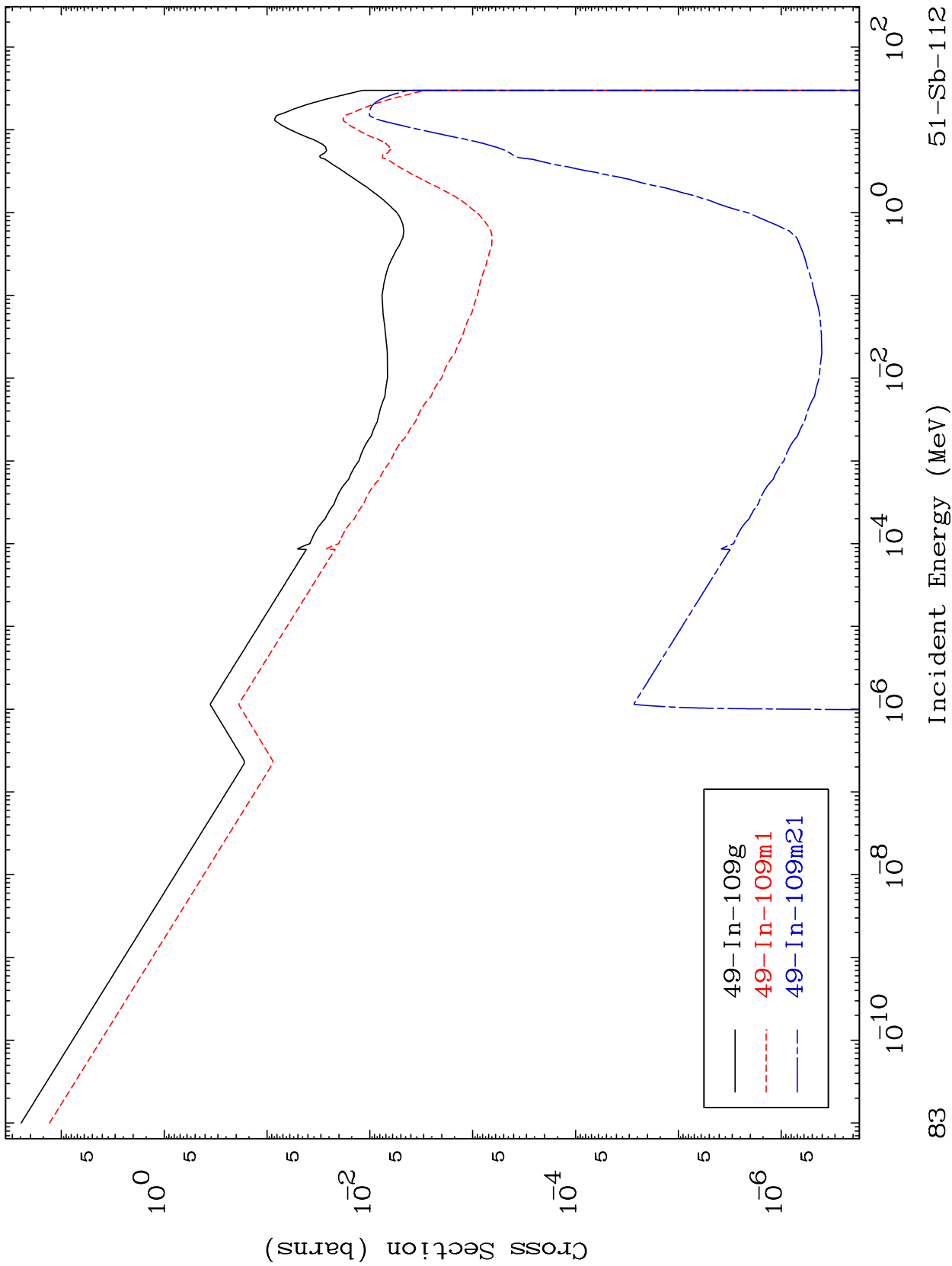
82

51-Sb-112

Incident Energy (MeV)

Radionuclide Production Cross Section

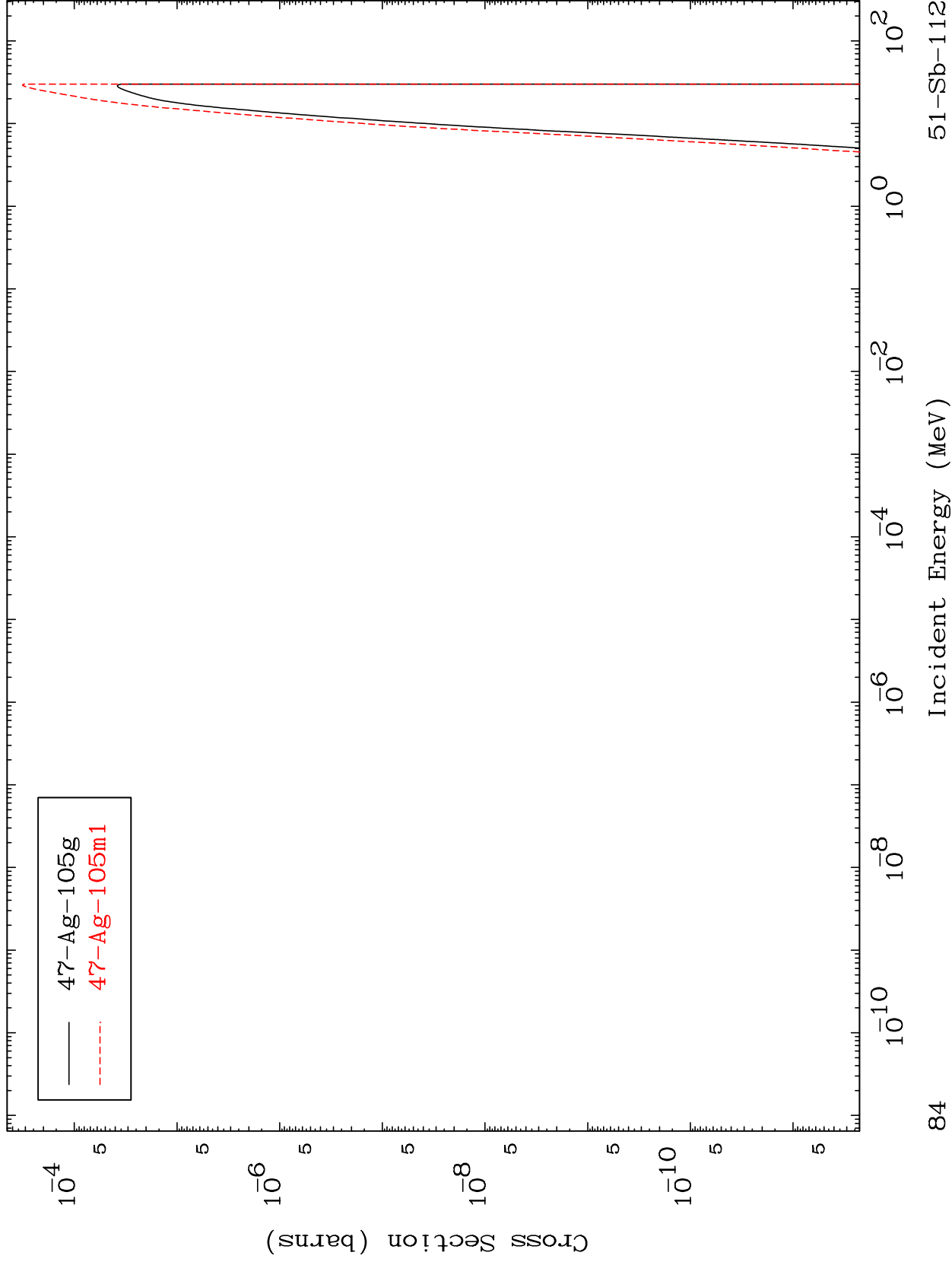
(n, α)



MAT 5098

51-Sb-112

(n,2α)
Radionuclide Production Cross Section

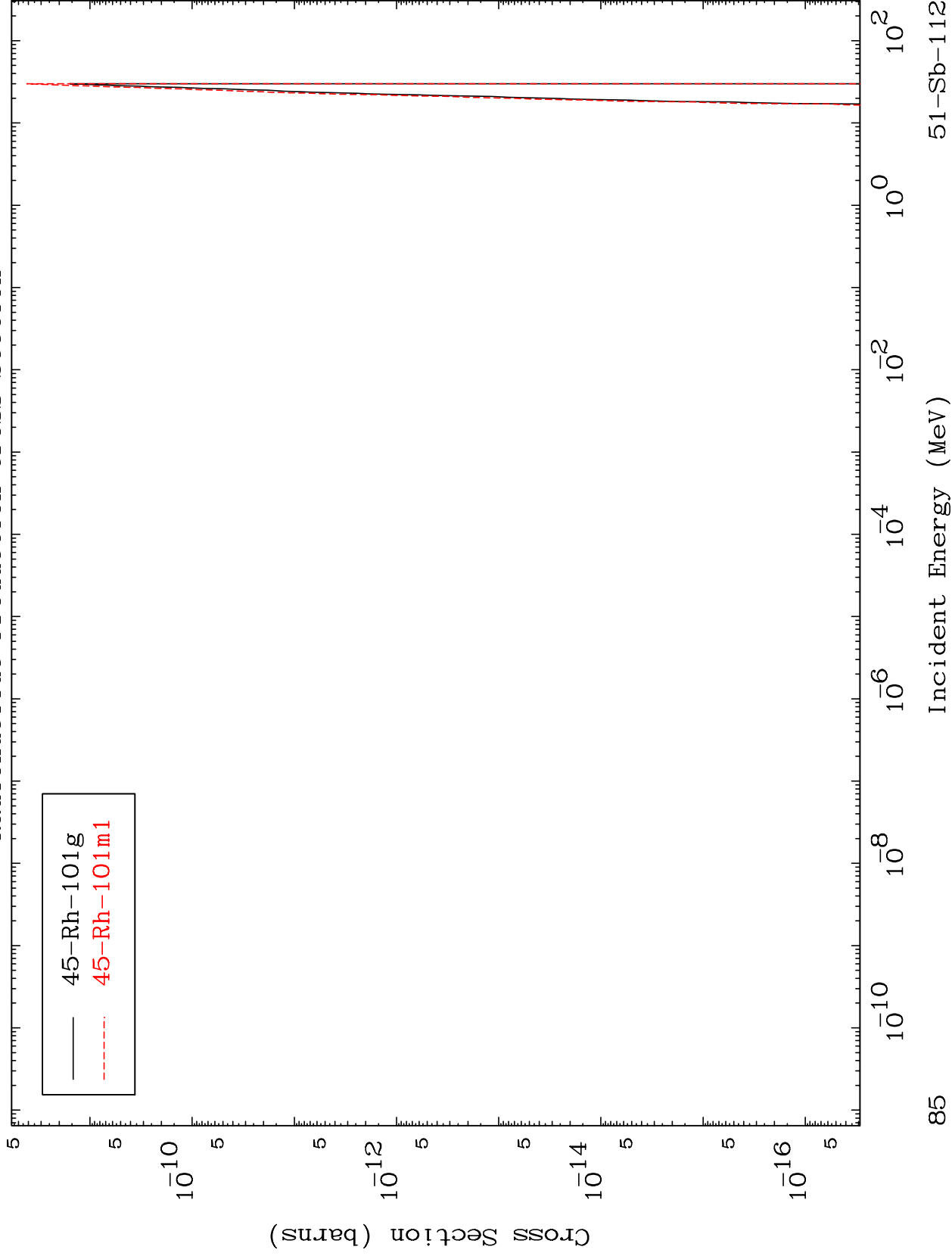


MAT 5098

(n,3α)

51-Sb-112

Radionuclide Production Cross Section



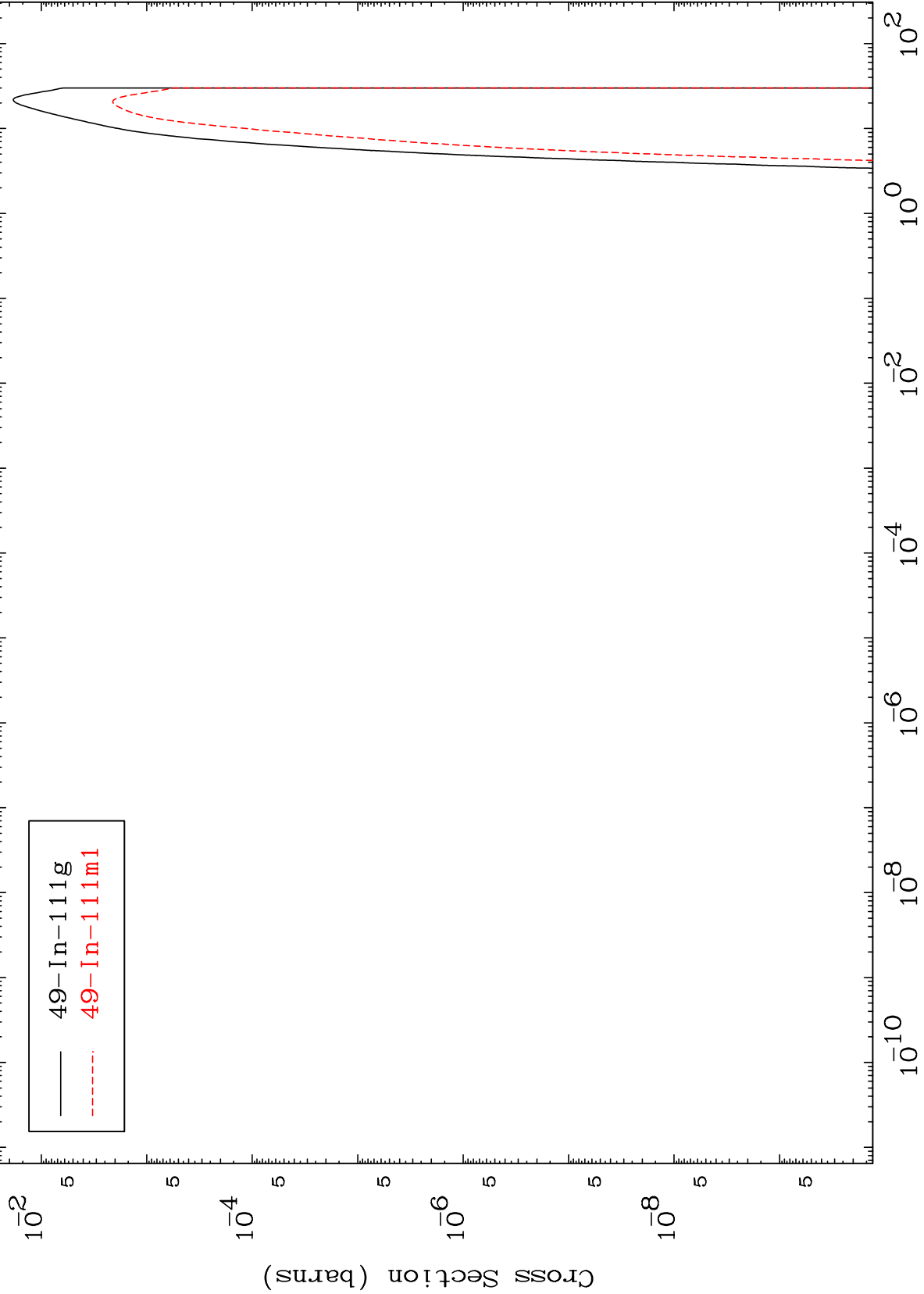
85

MAT 5098

(n,2p)

51-Sb-112

Radionuclide Production Cross Section

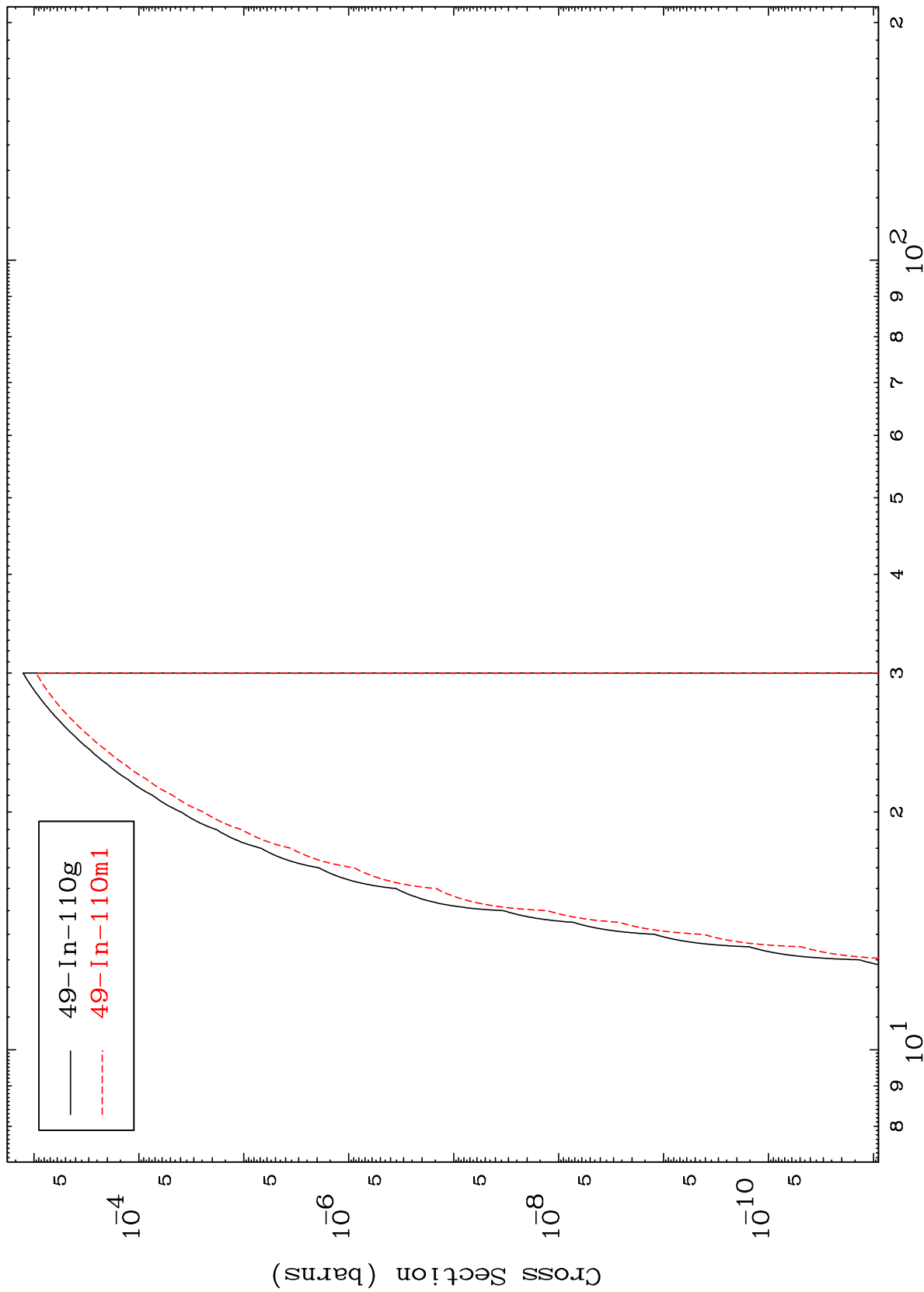


MAT 5098

(n,p) d

51-Sb-112

Radionuclide Production Cross Section



87

Incident Energy (MeV)

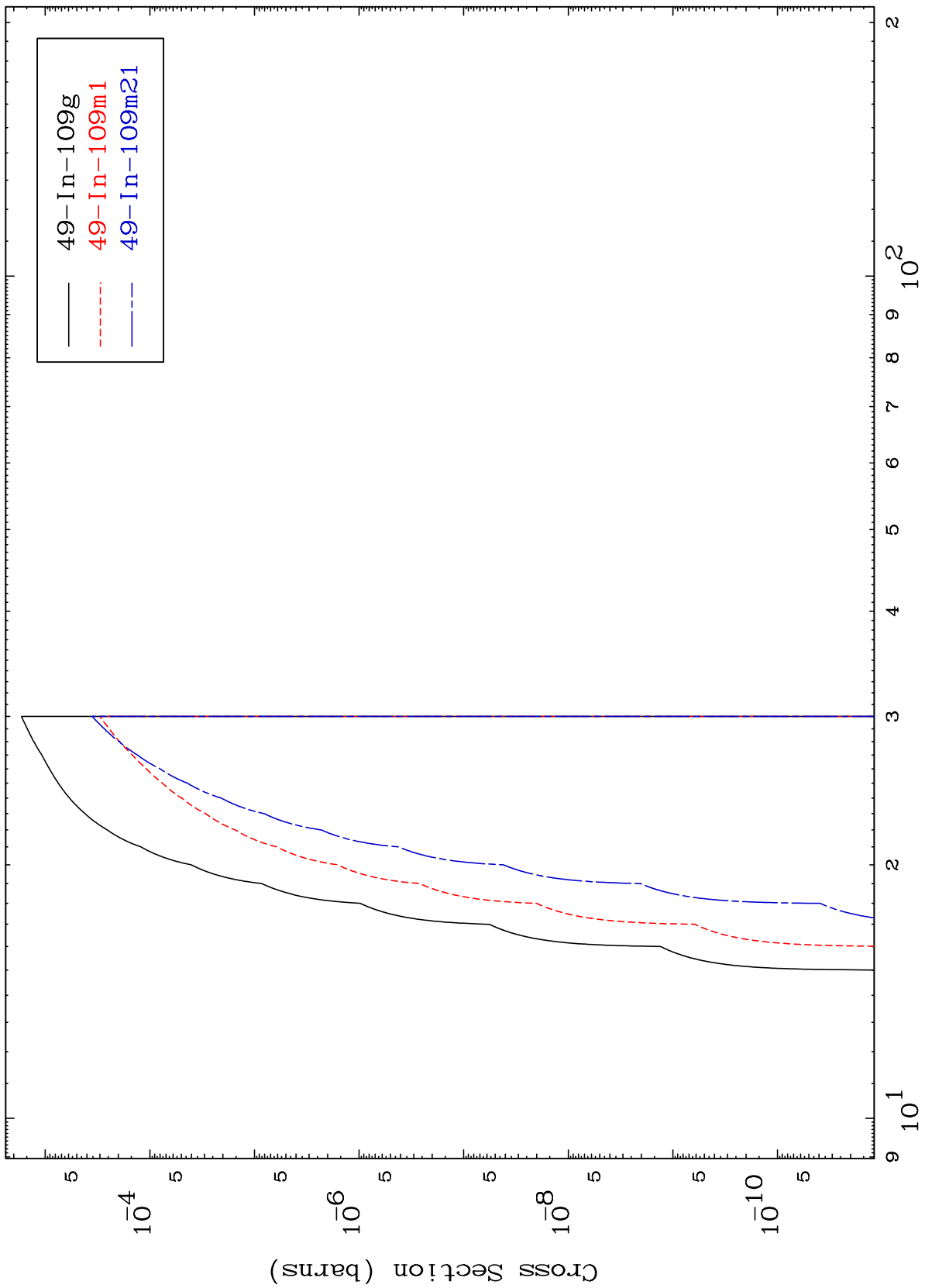
51-Sb-112

MAT 5098

(n,p) t

51-Sb-112

Radionuclide Production Cross Section



88

Incident Energy (MeV)

51-Sb-112