

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

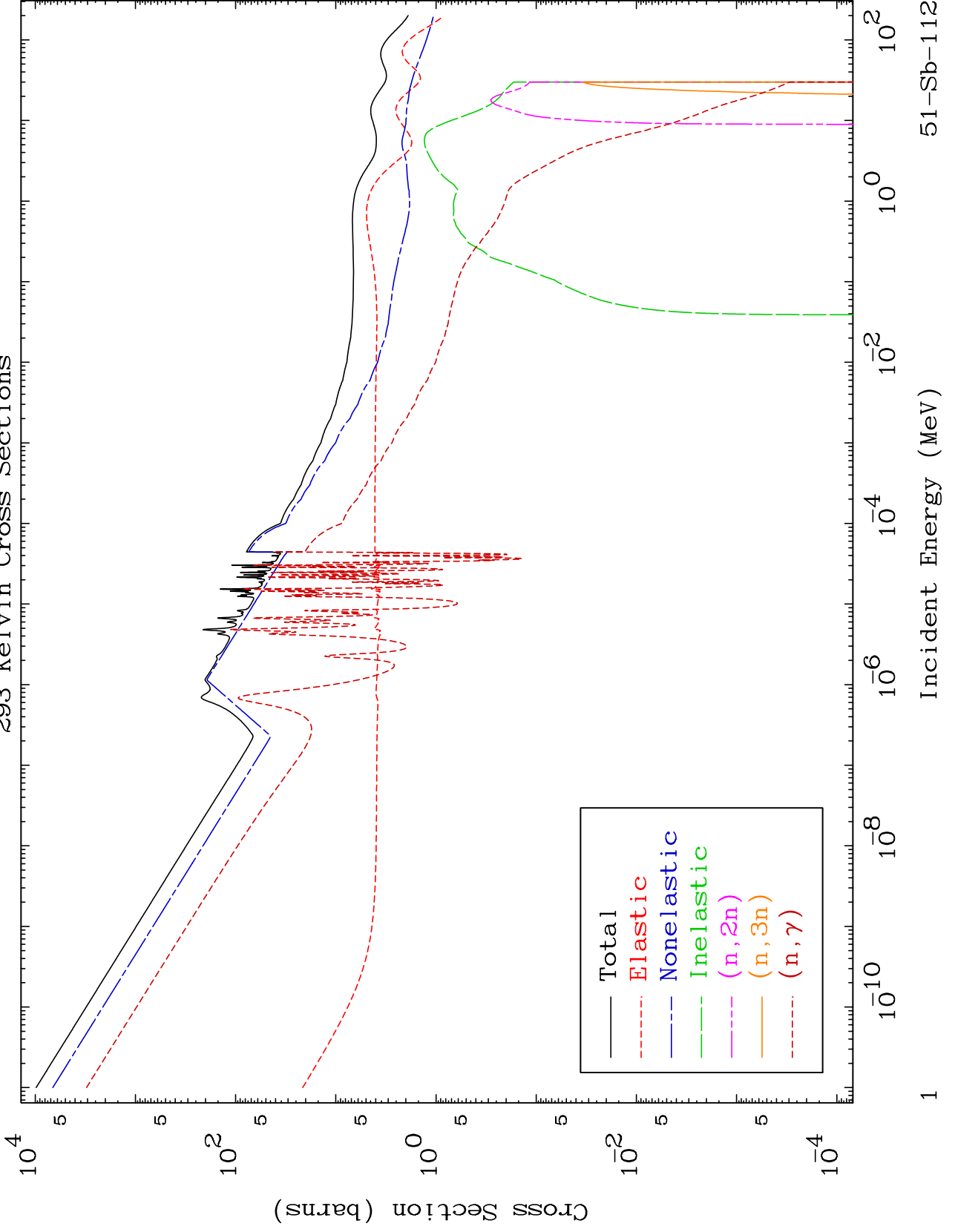
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5098

Neutron Major
293 Kelvin Cross Sections

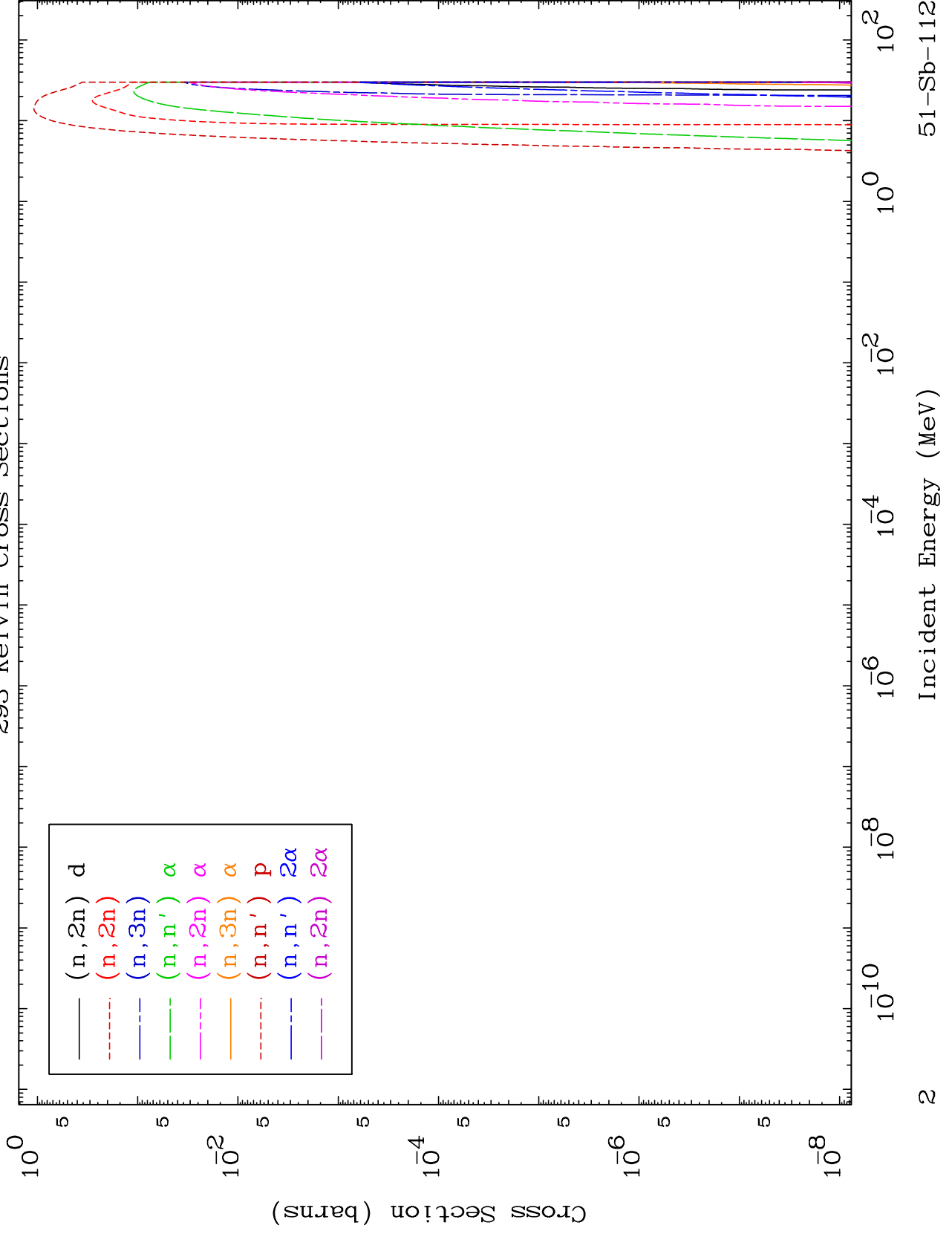
51-Sb-112

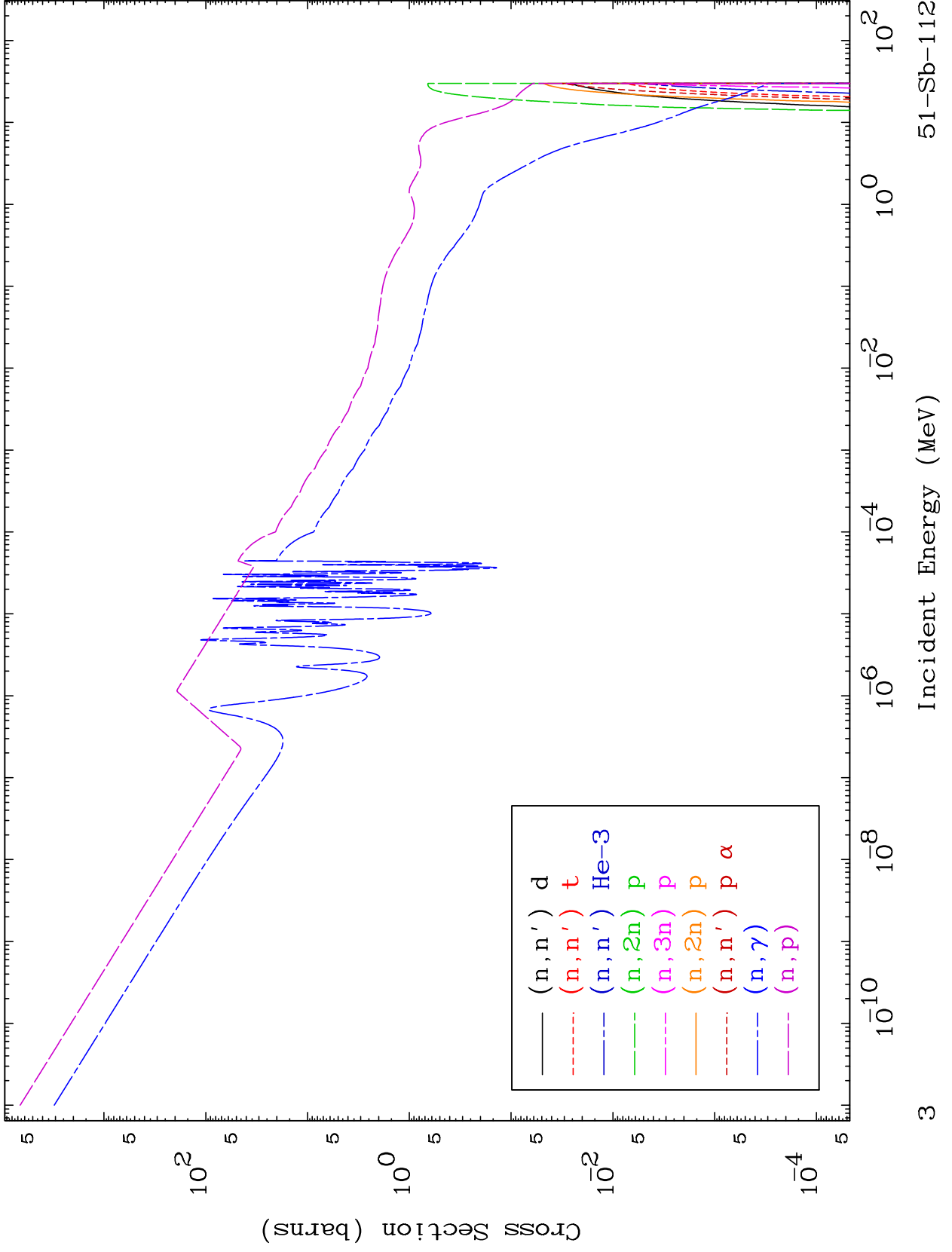


MAT 5098

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-112

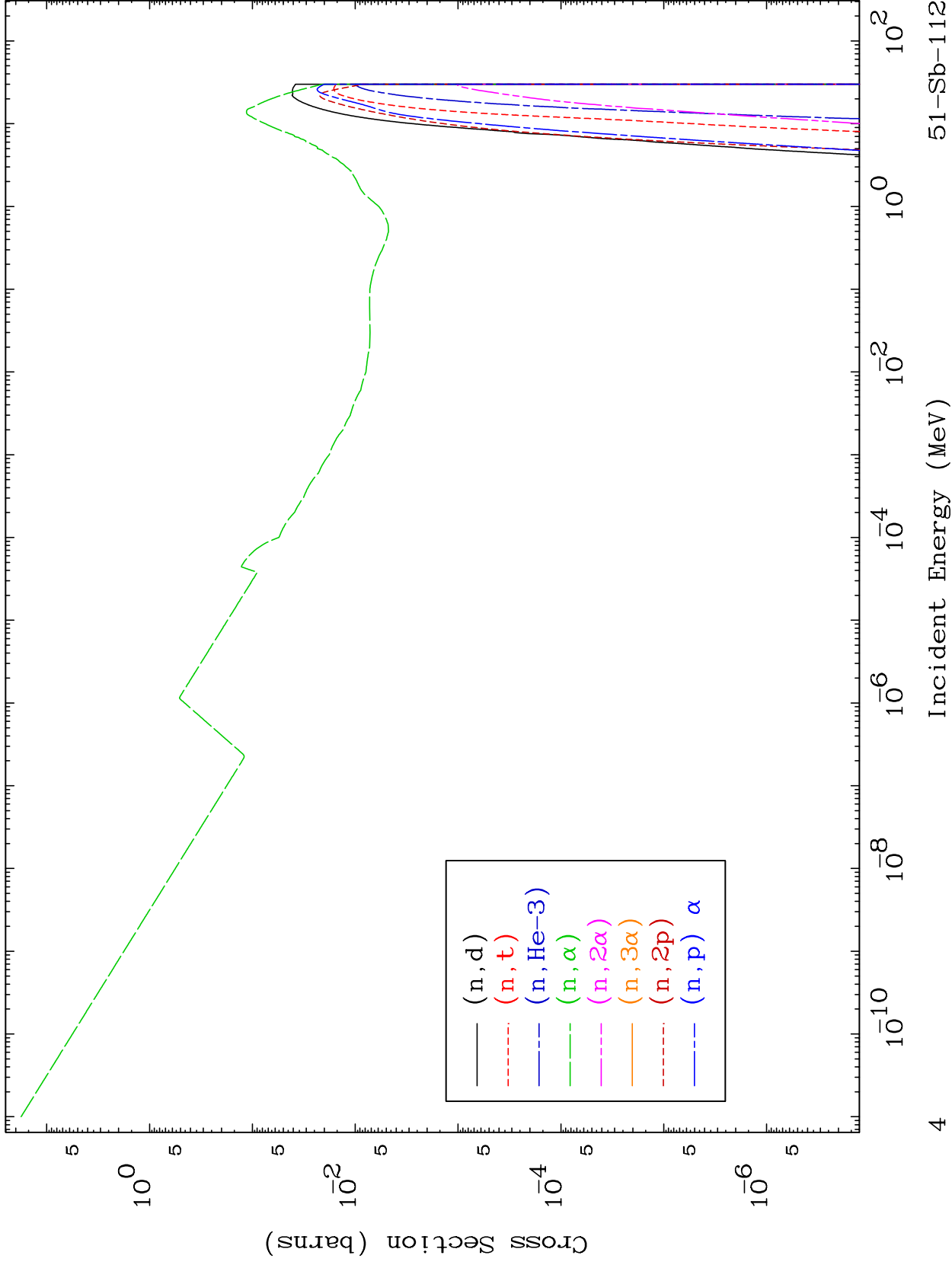


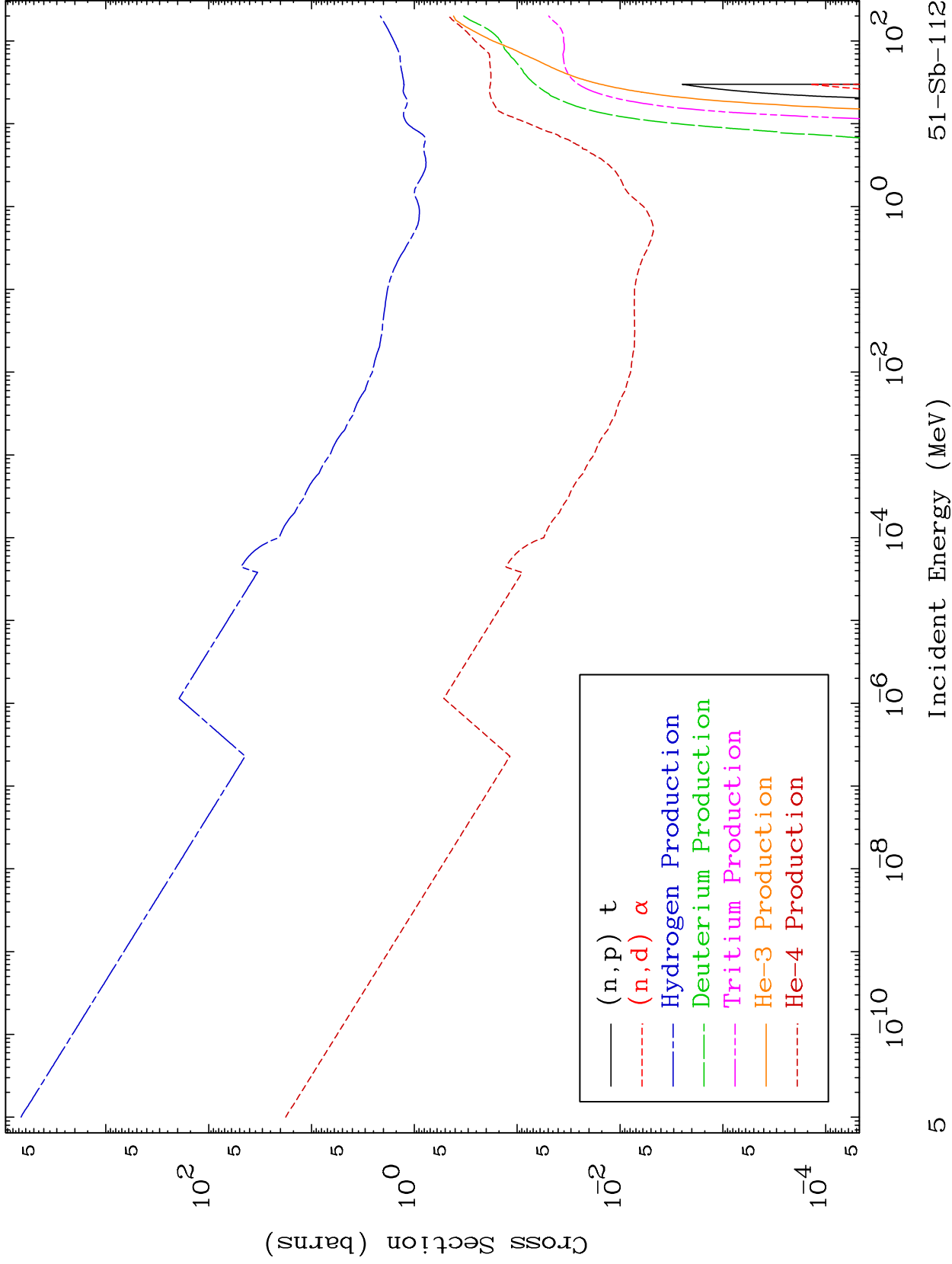


MAT 5098

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-112

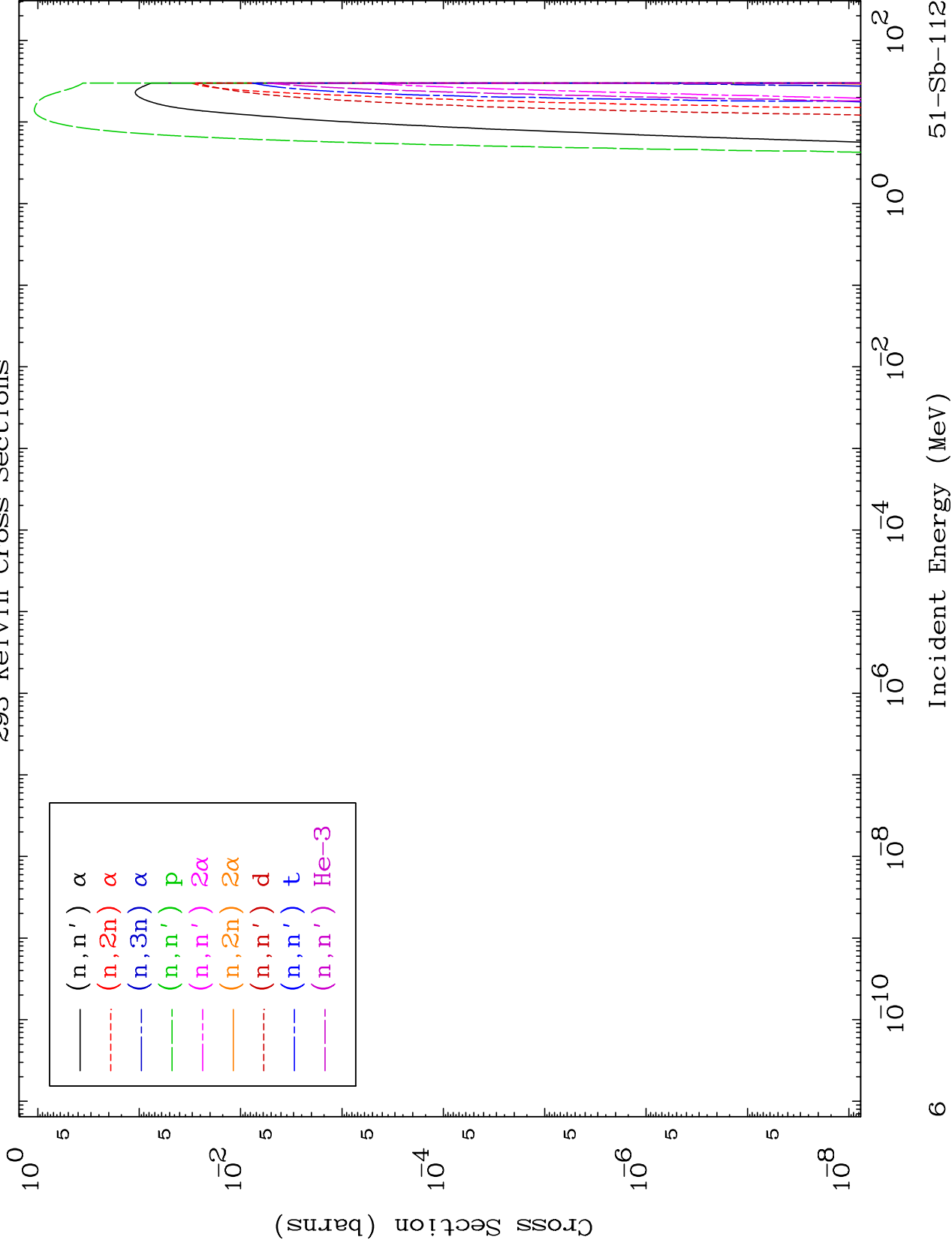




MAT 5098

Charged Particle
293 Kelvin Cross Sections

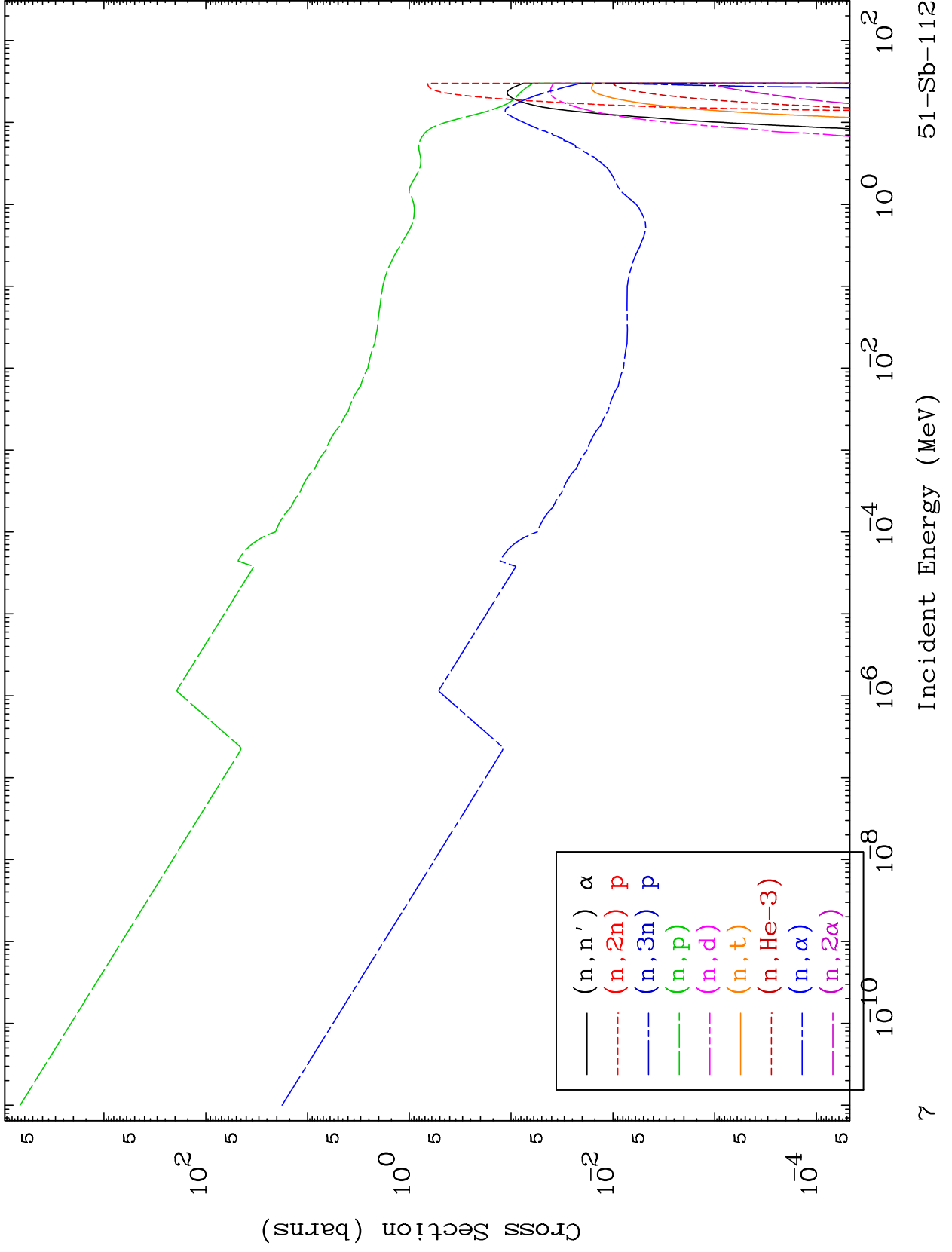
51-Sb-112



MAT 5098

Charged Particle
293 Kelvin Cross Sections

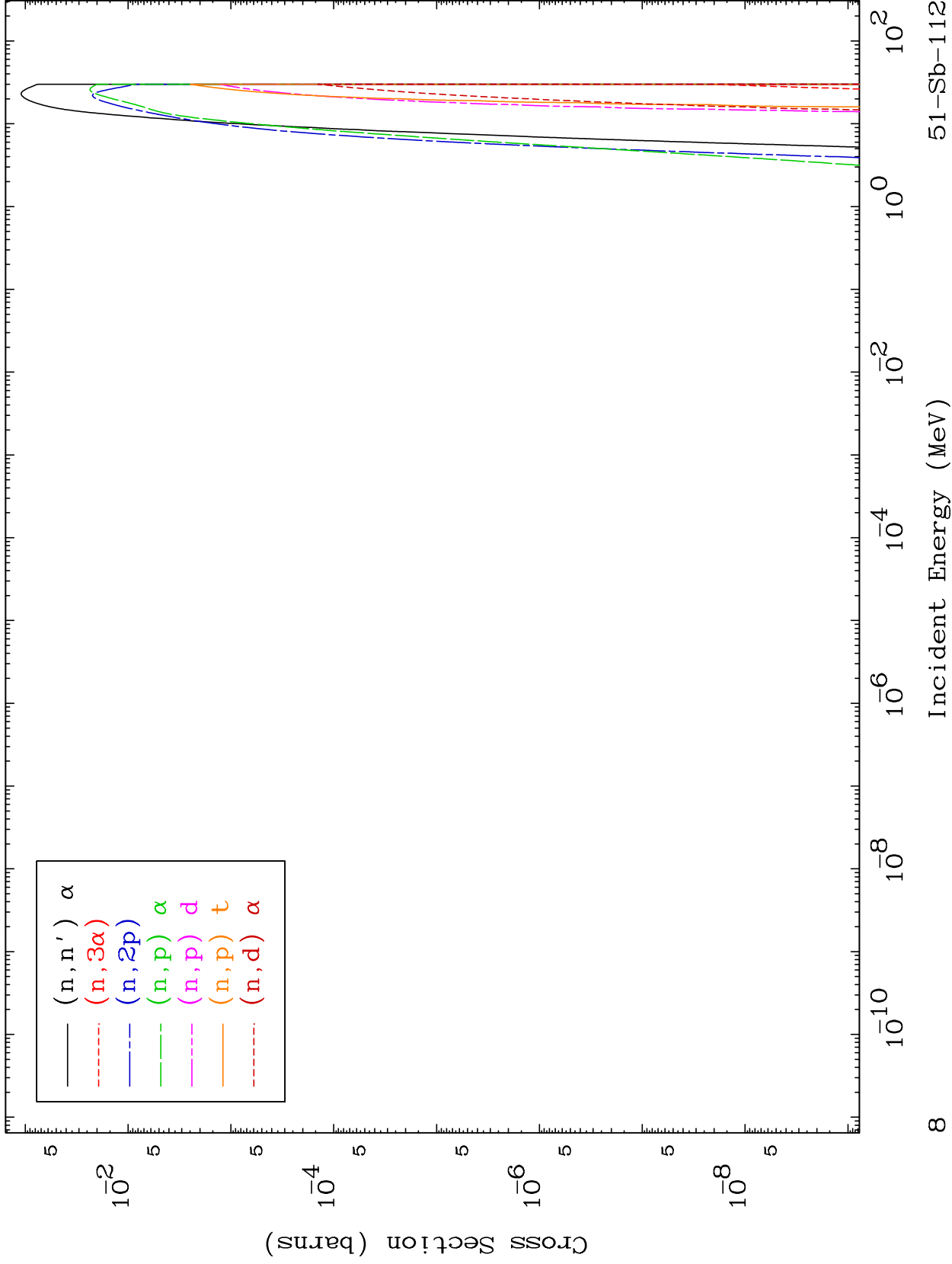
51-Sb-112

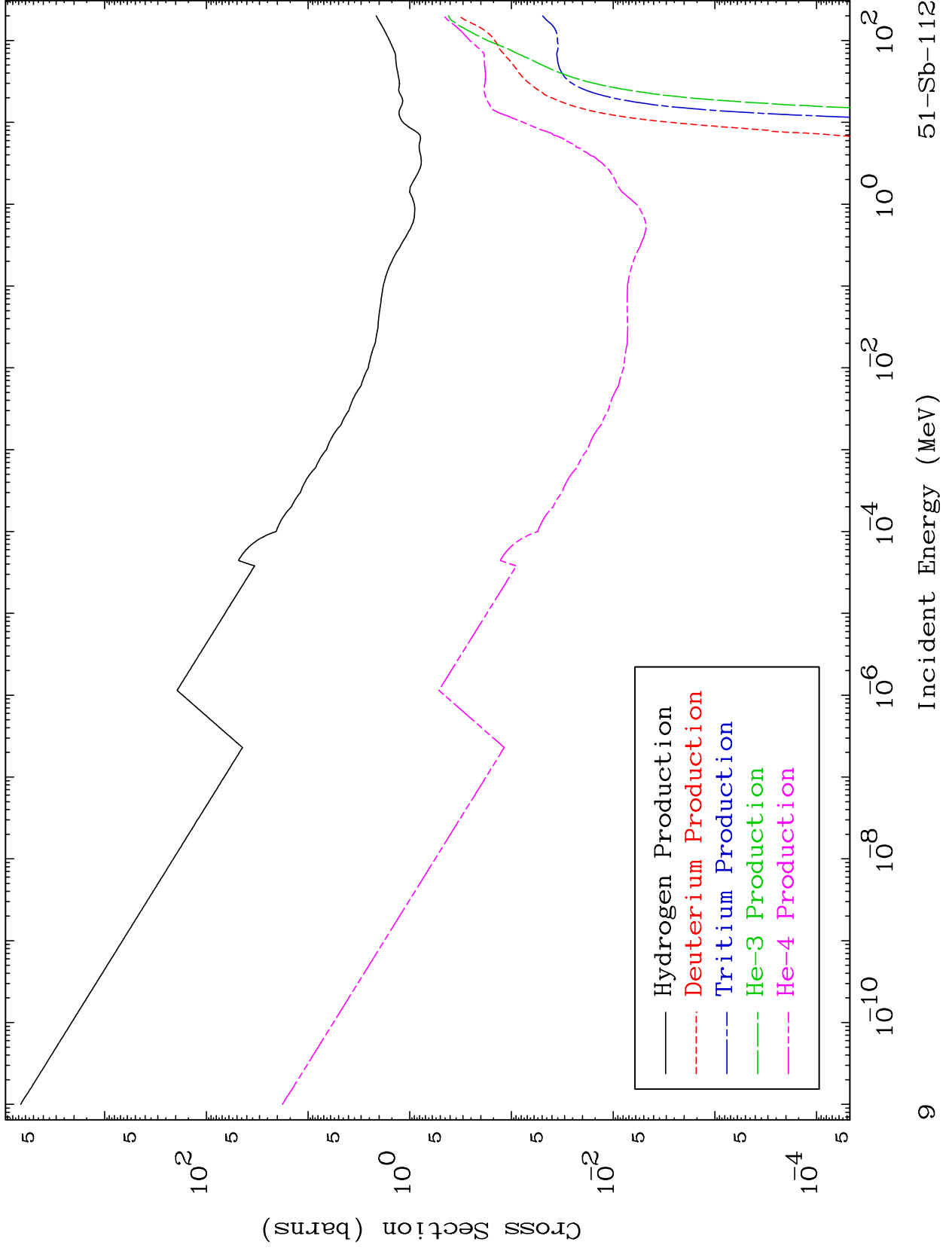


MAT 5098

Charged Particle
293 Kelvin Cross Sections

51-Sb-112

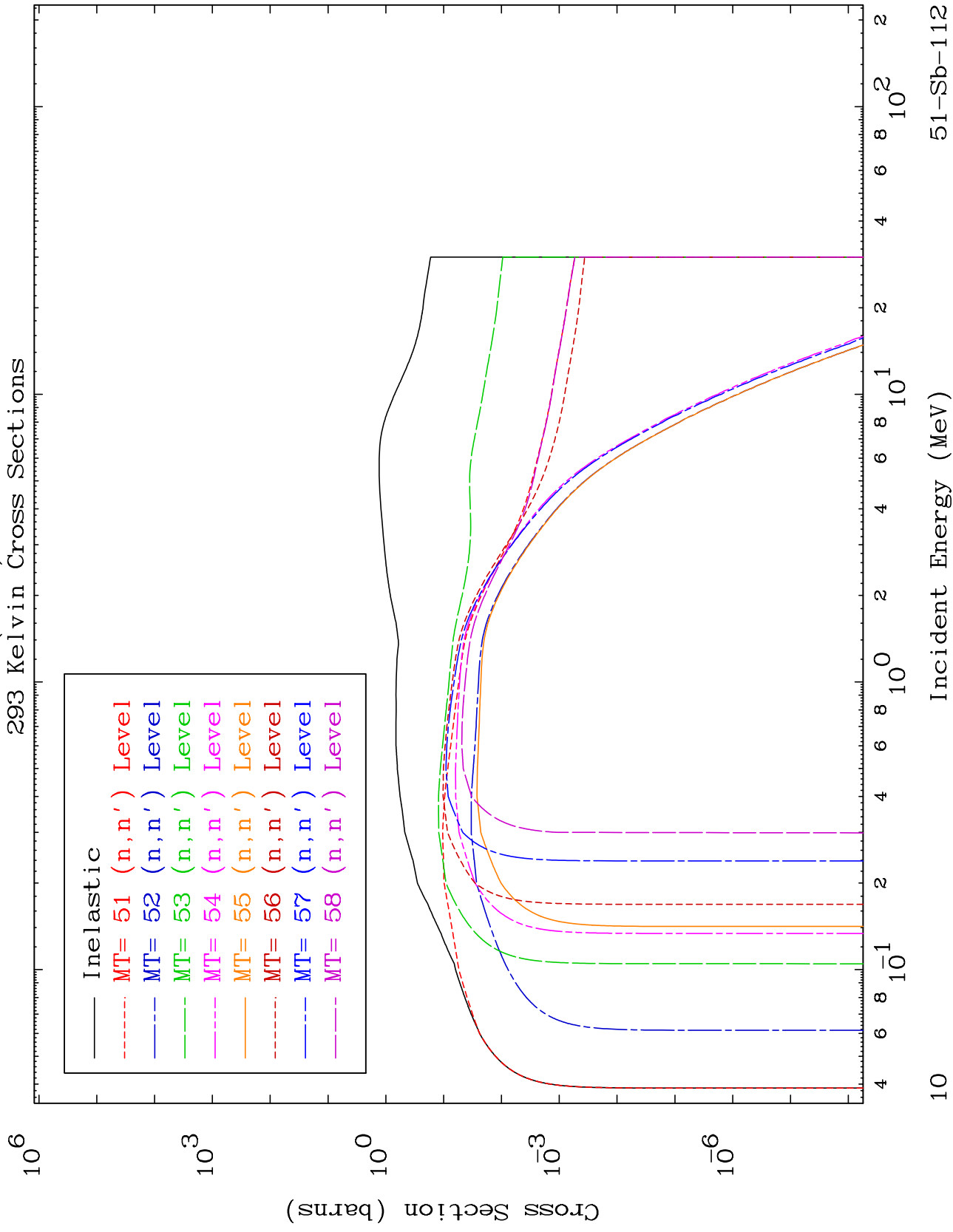




MAT 5098

(n,n') Levels
293 Kelvin Cross Sections

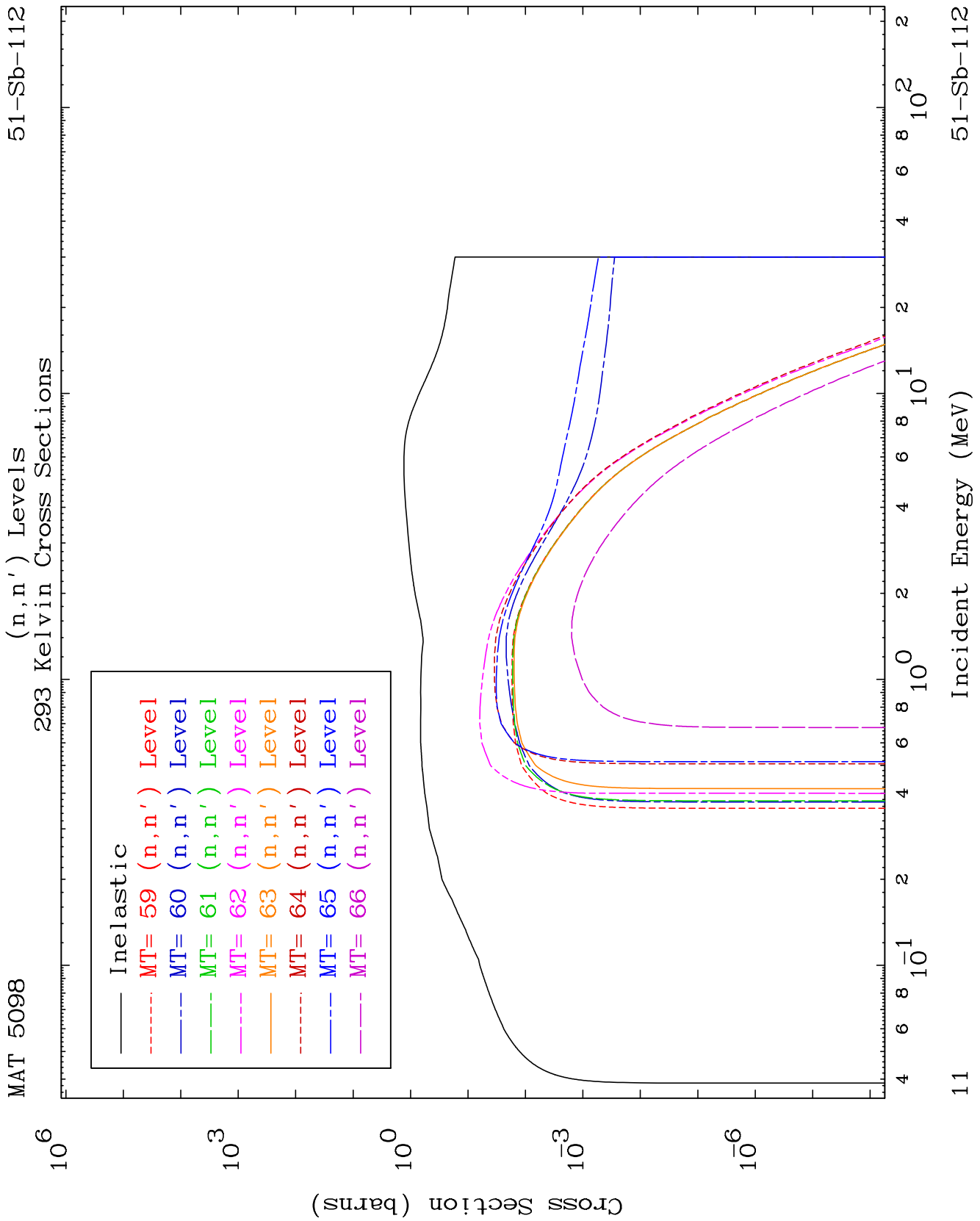
51-Sb-112

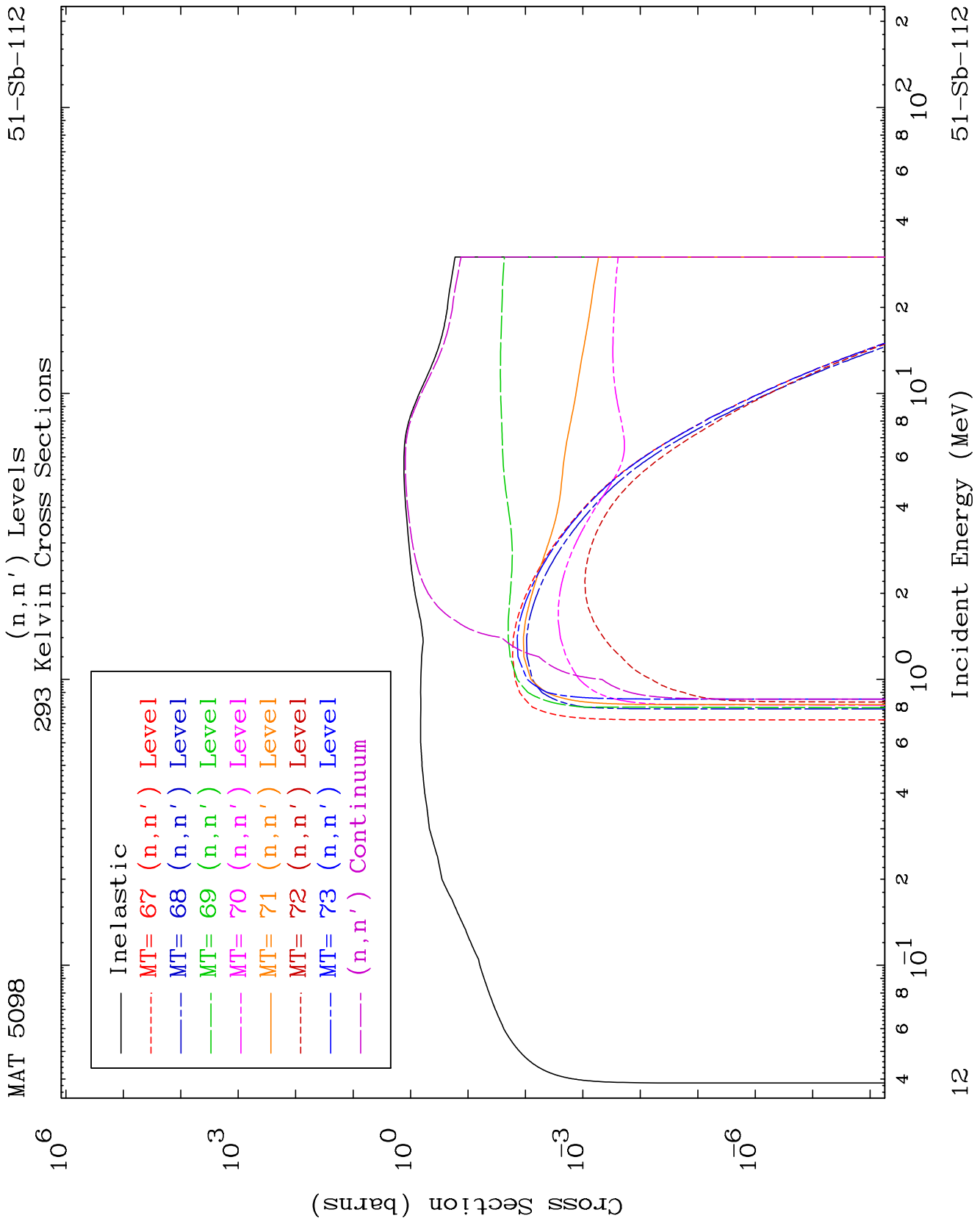


10

Incident Energy (MeV)

51-Sb-112

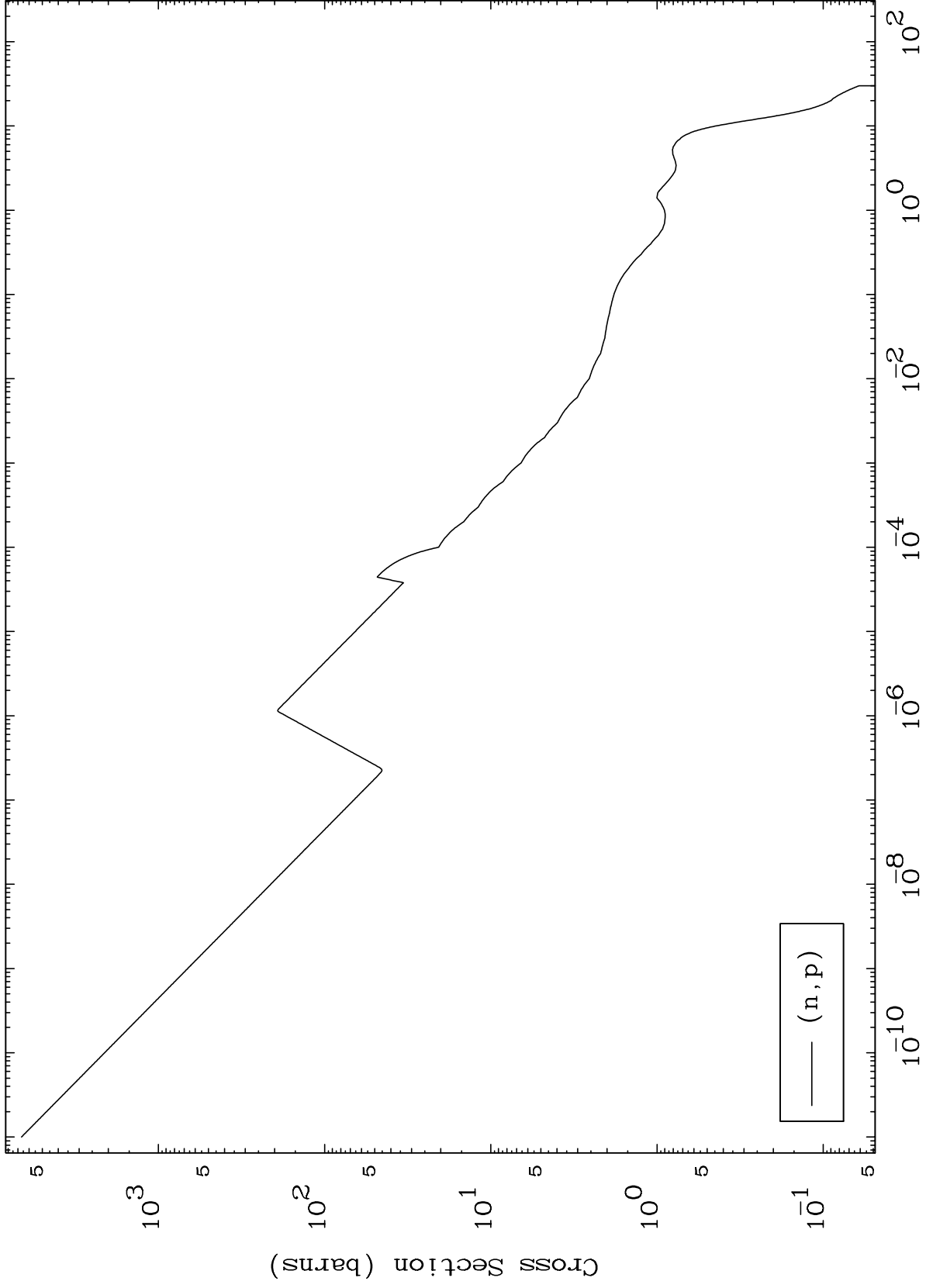




MAT 5098

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-112



(n,p)

51-Sb-112

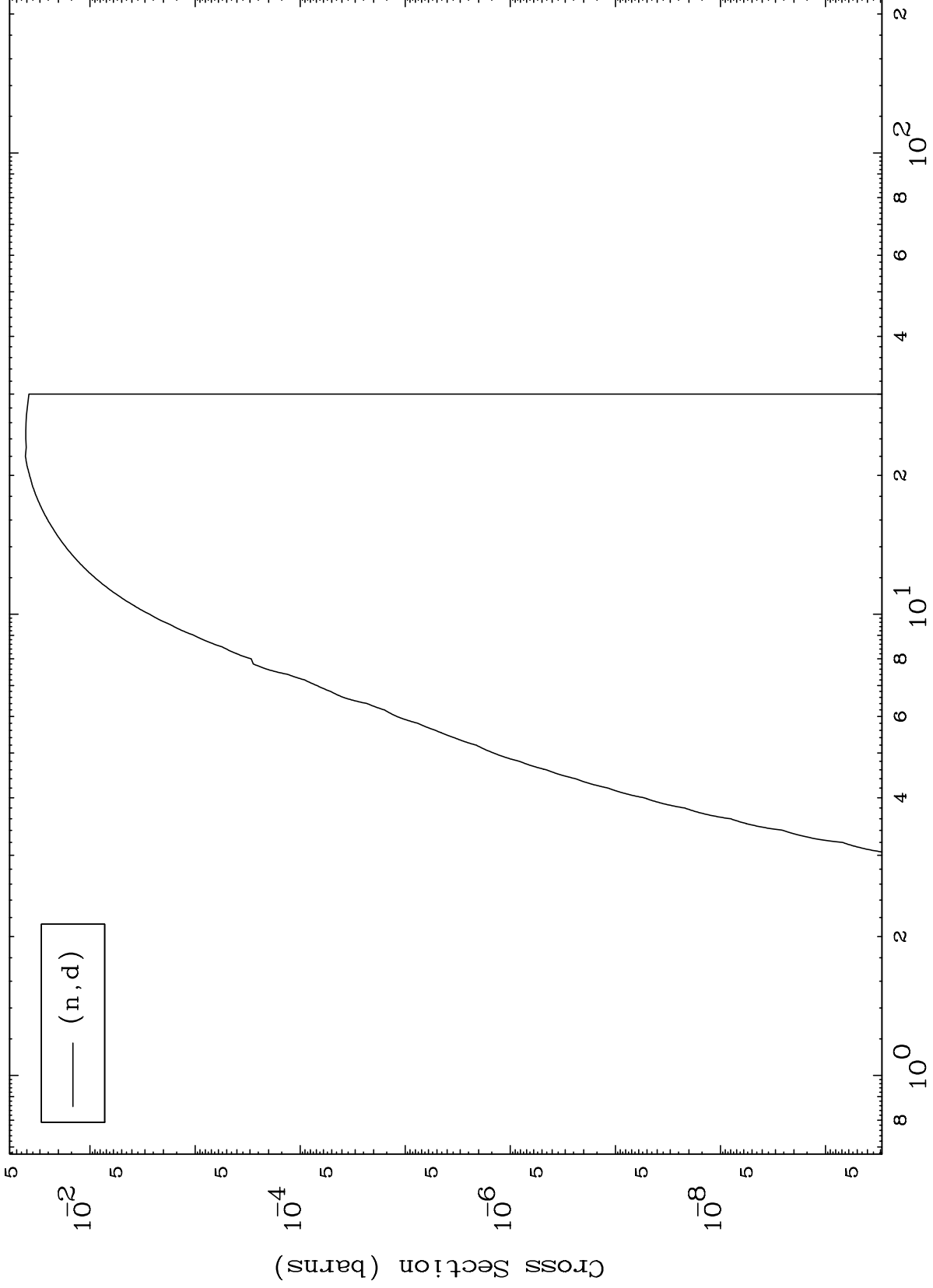
Incident Energy (MeV)

13

MAT 5098

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-112



14

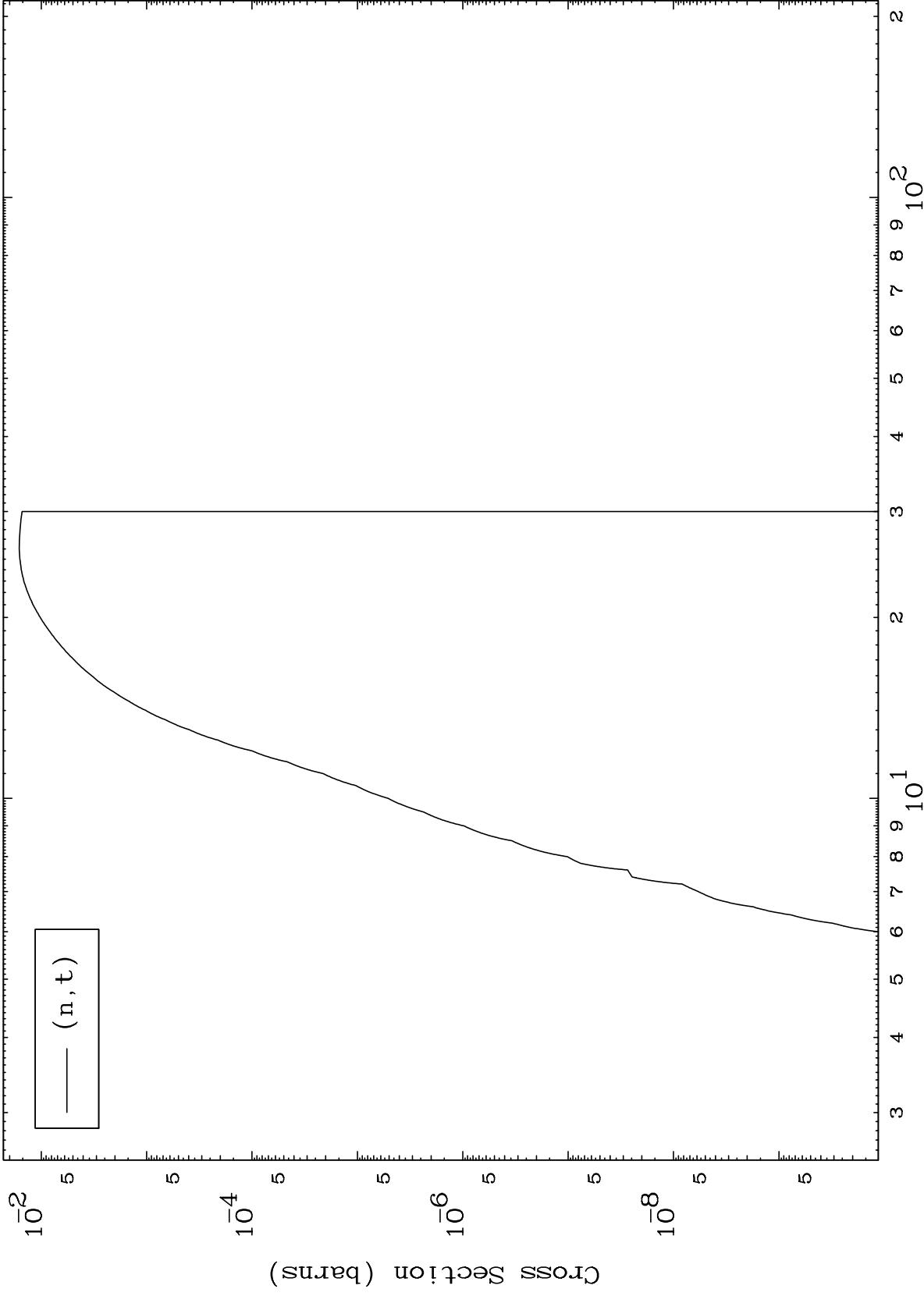
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-112



15

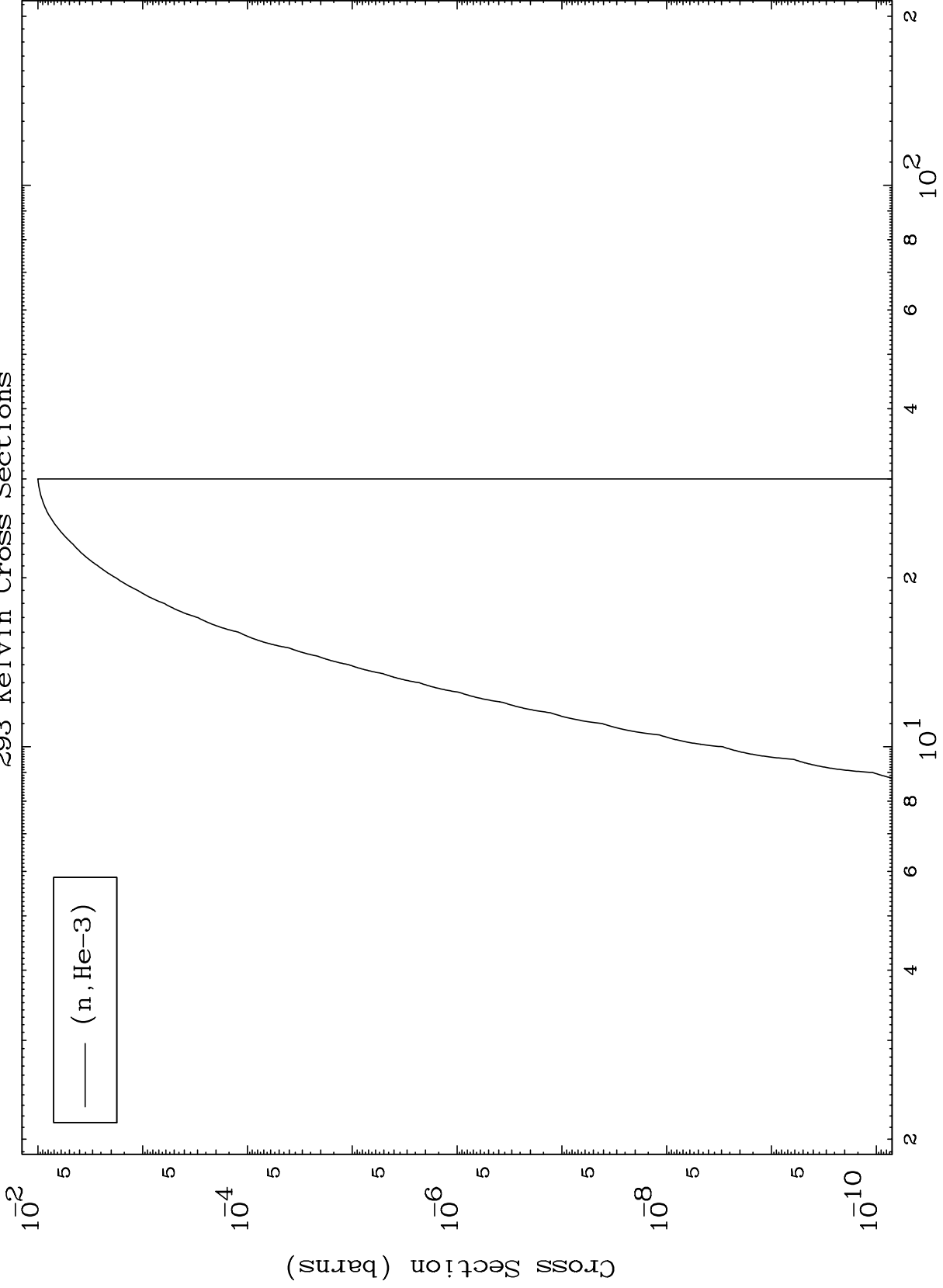
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-112



16

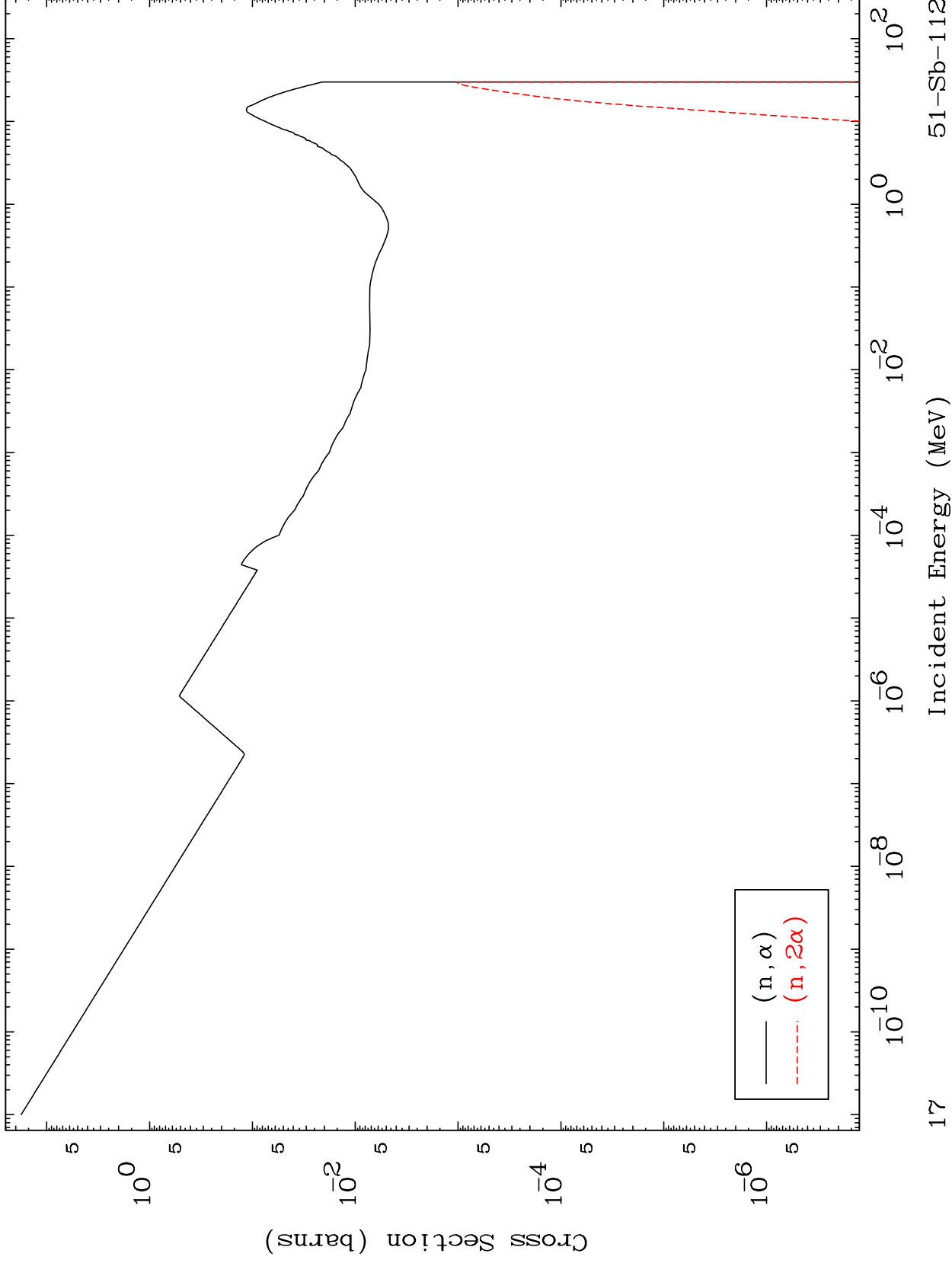
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n, α) Levels
293 Kelvin Cross Sections

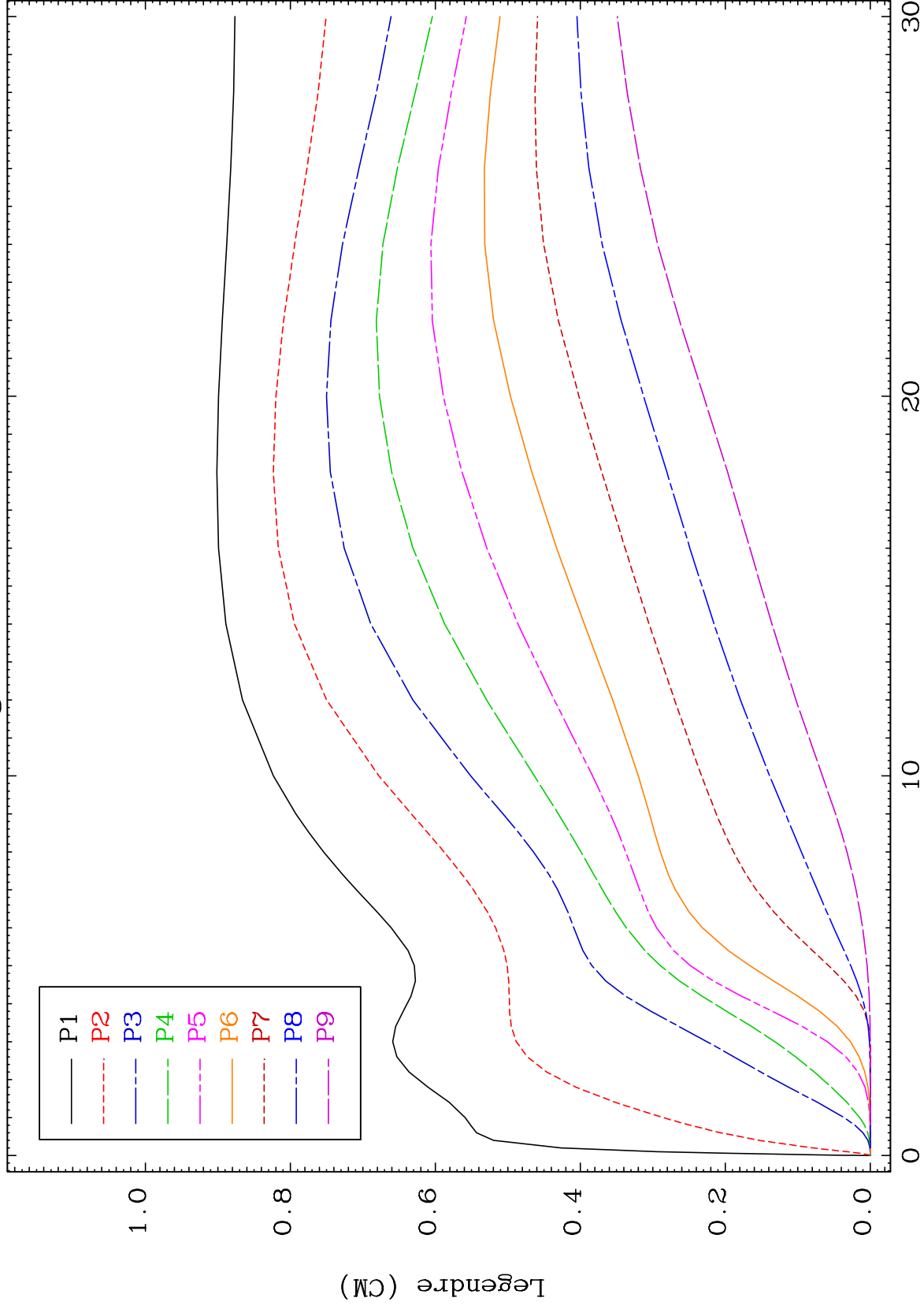
51-Sb-112



MAT 5098

Elastic Legendre Coefficients

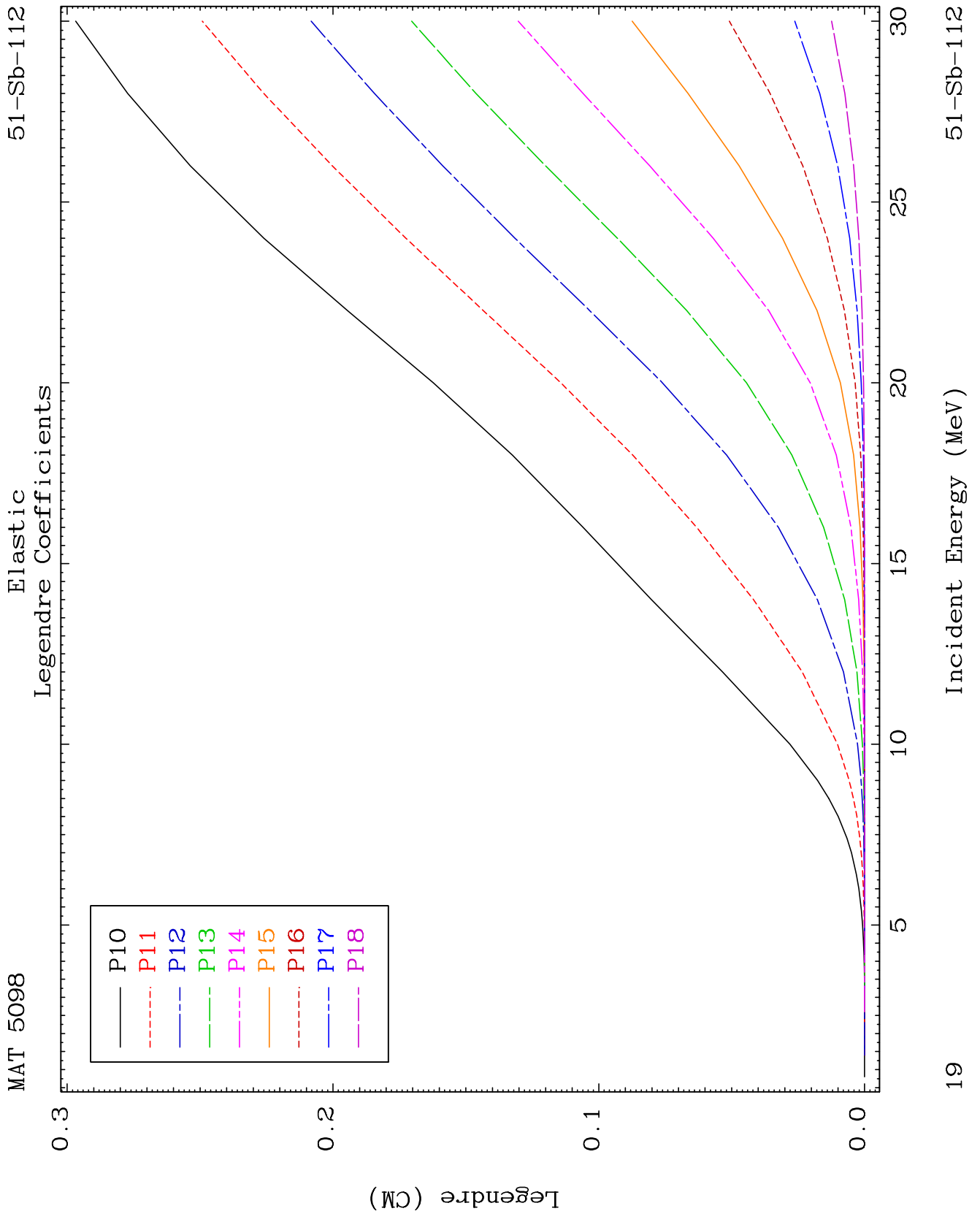
51-Sb-112



18

Incident Energy (MeV)

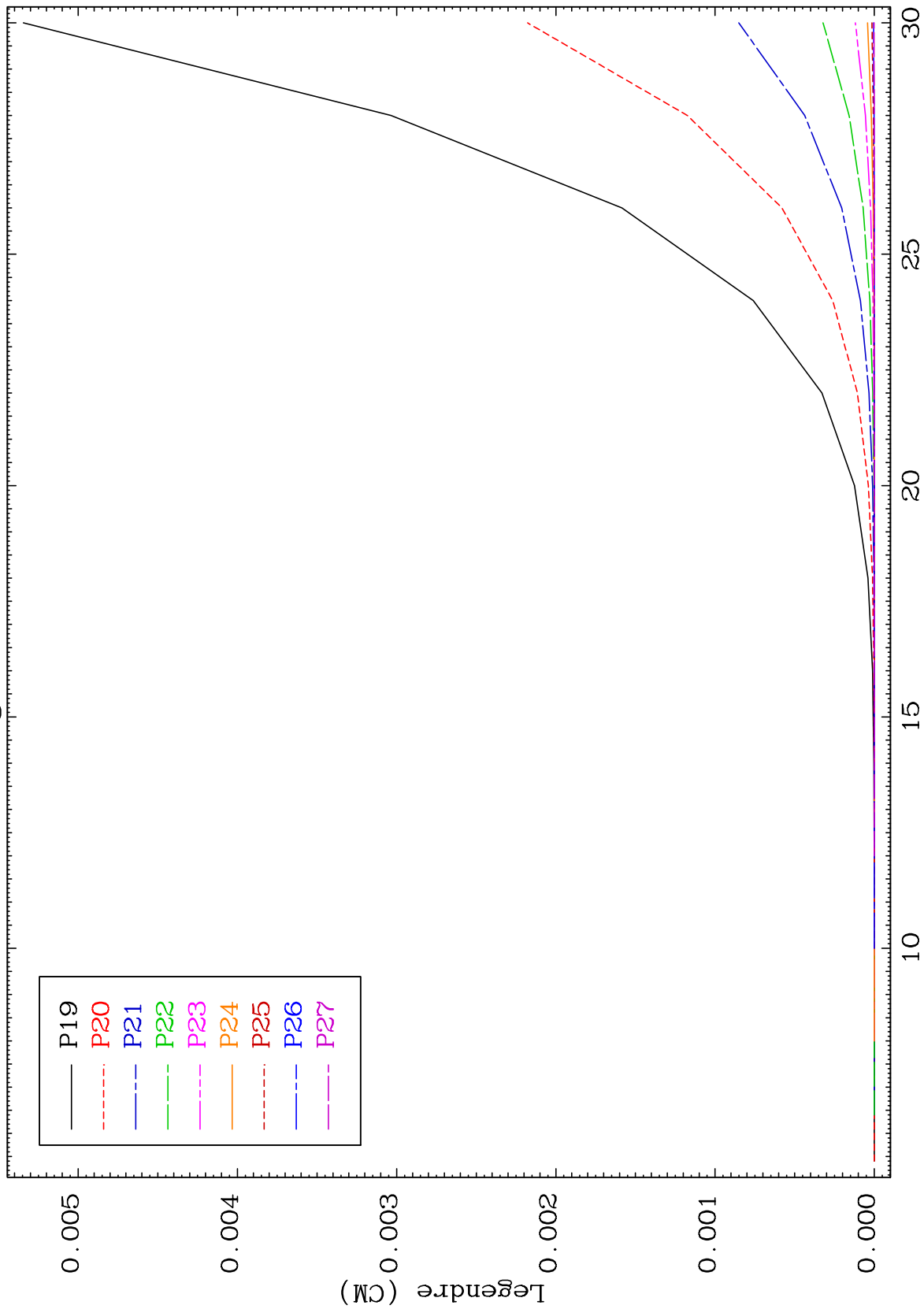
51-Sb-112



MAT 5098

Elastic Legendre Coefficients

51-Sb-112



20

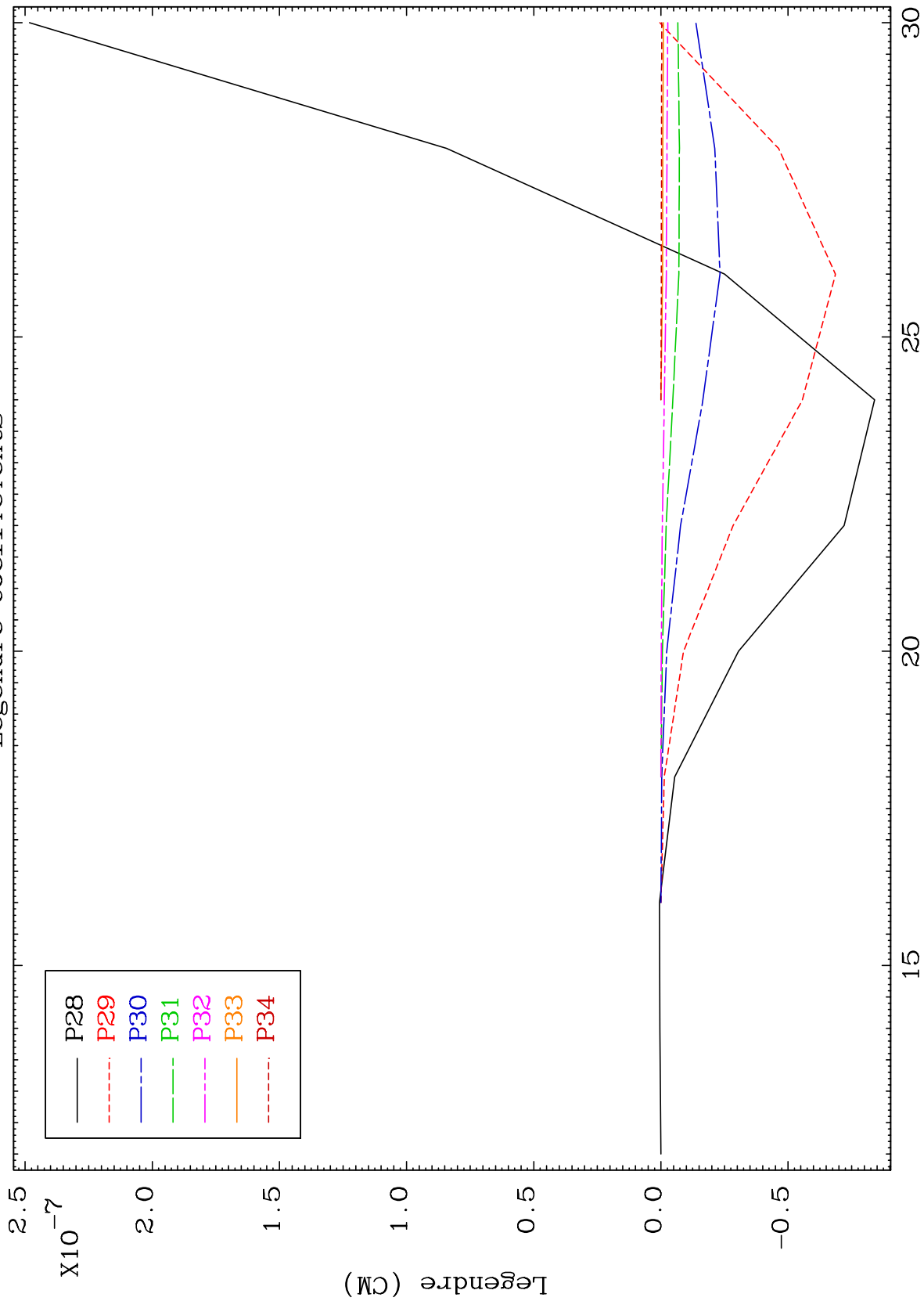
Incident Energy (MeV)

51-Sb-112

MAT 5098

Elastic Legendre Coefficients

51-Sb-112



21

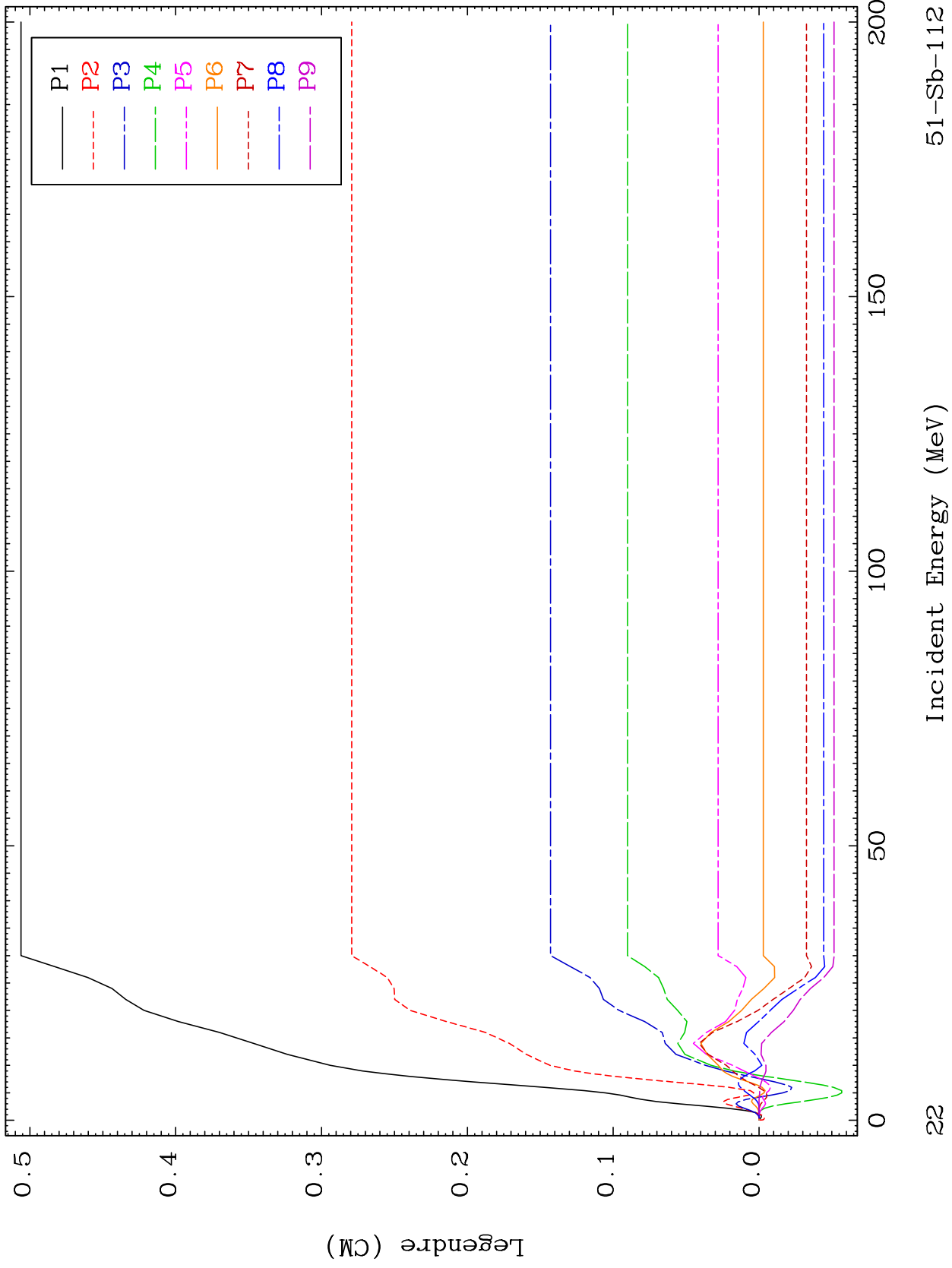
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

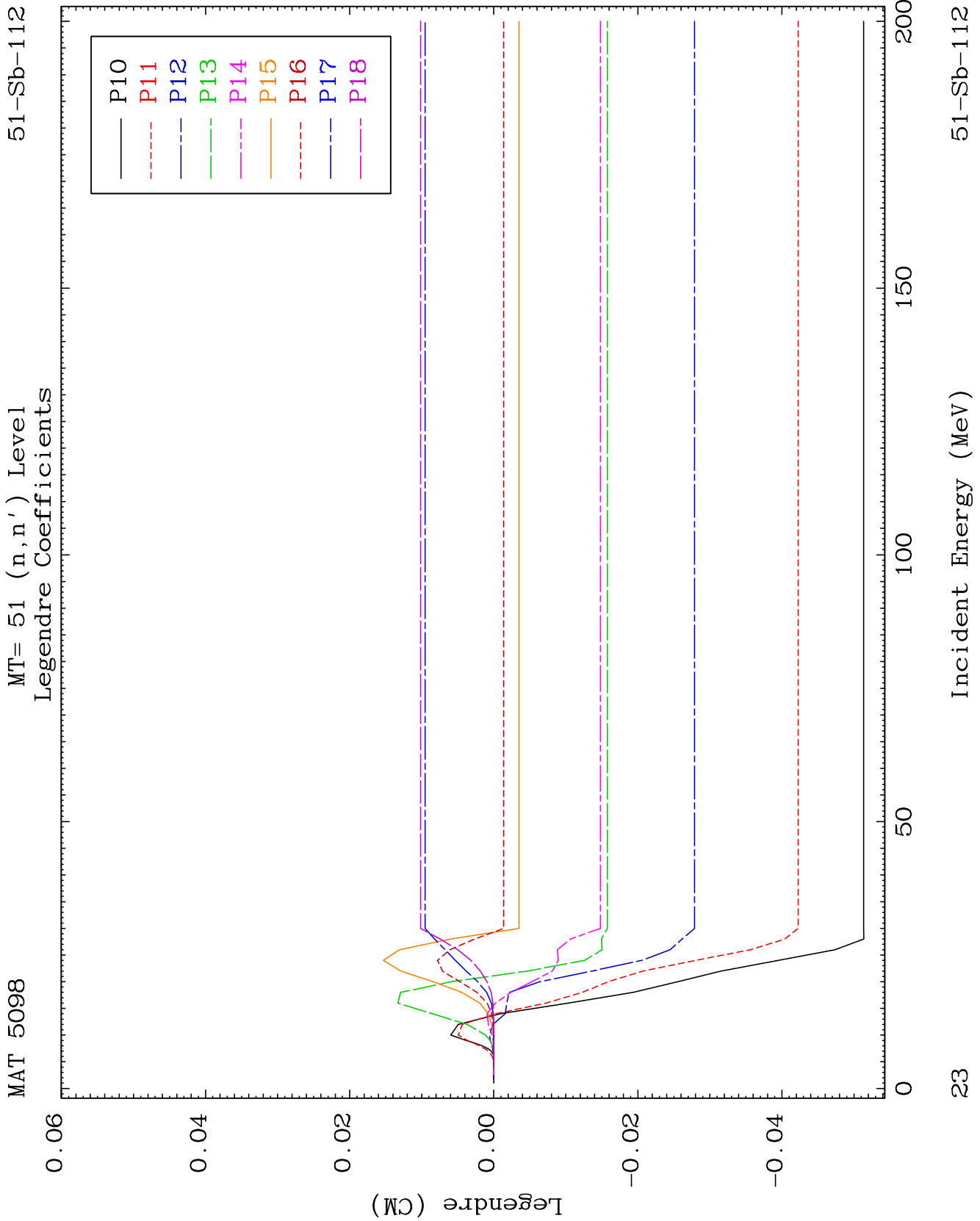
51-Sb-112



51-Sb-112

Incident Energy (MeV)

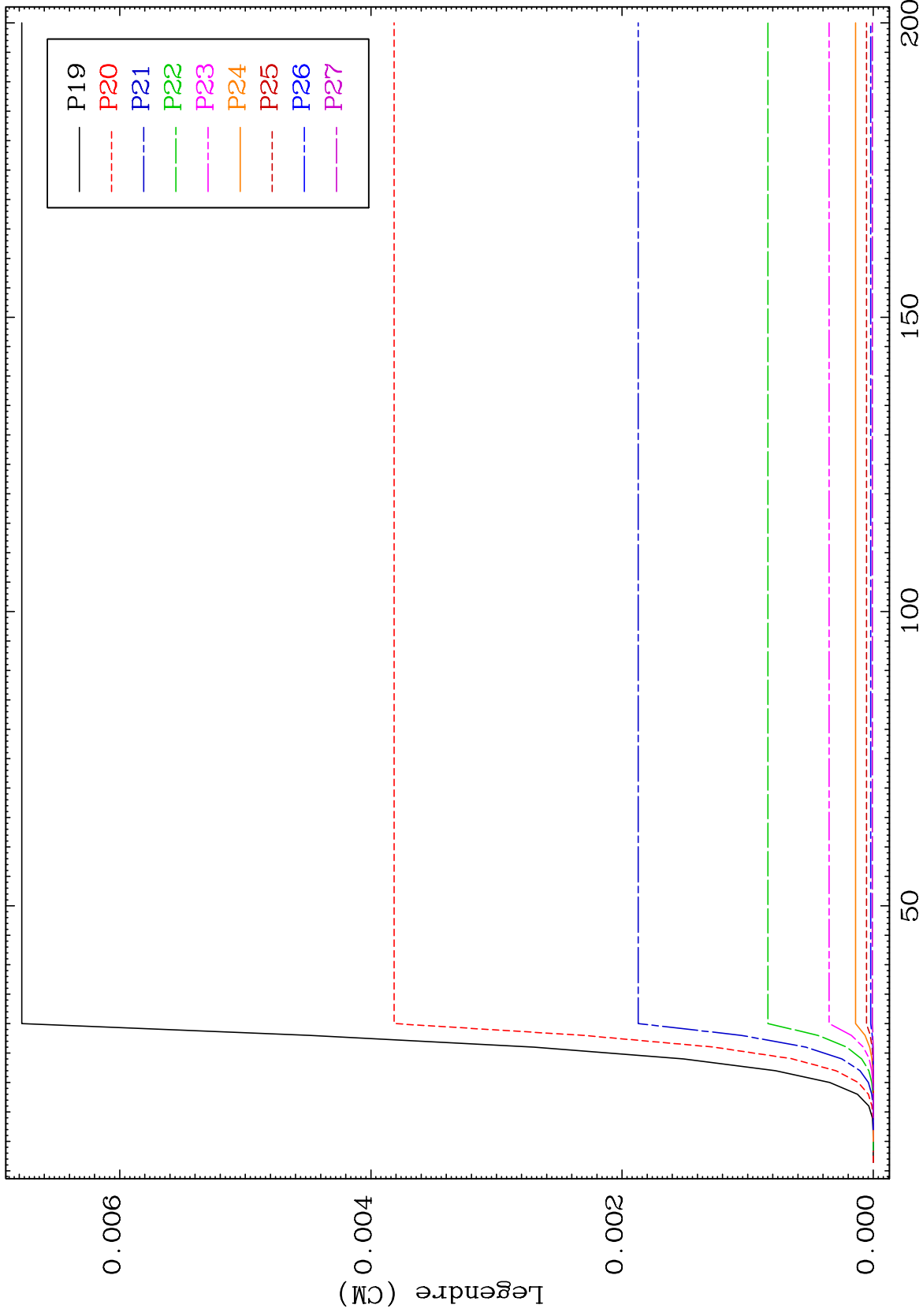
22



MAT 5098

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

51-Sb-112



24

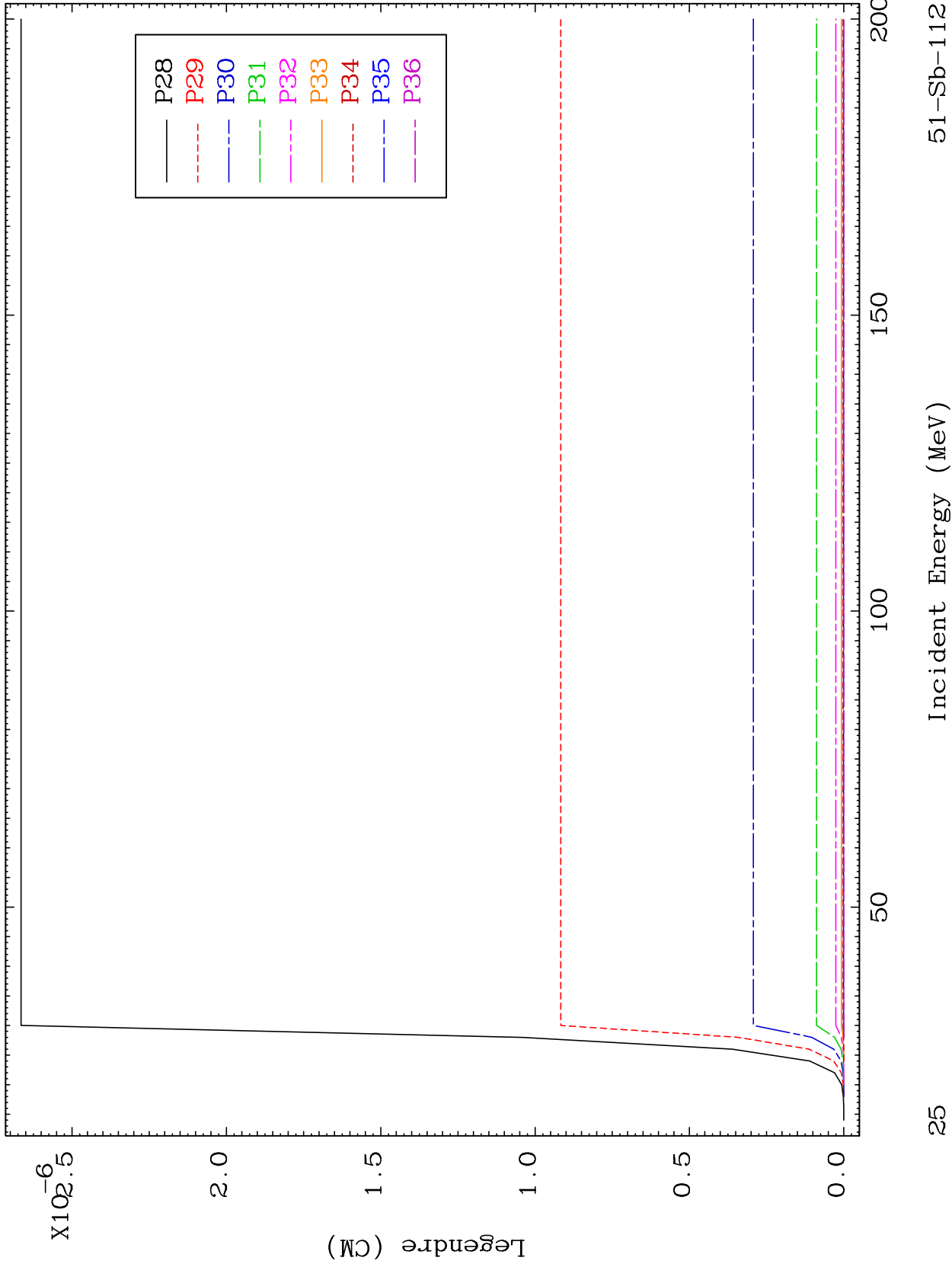
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

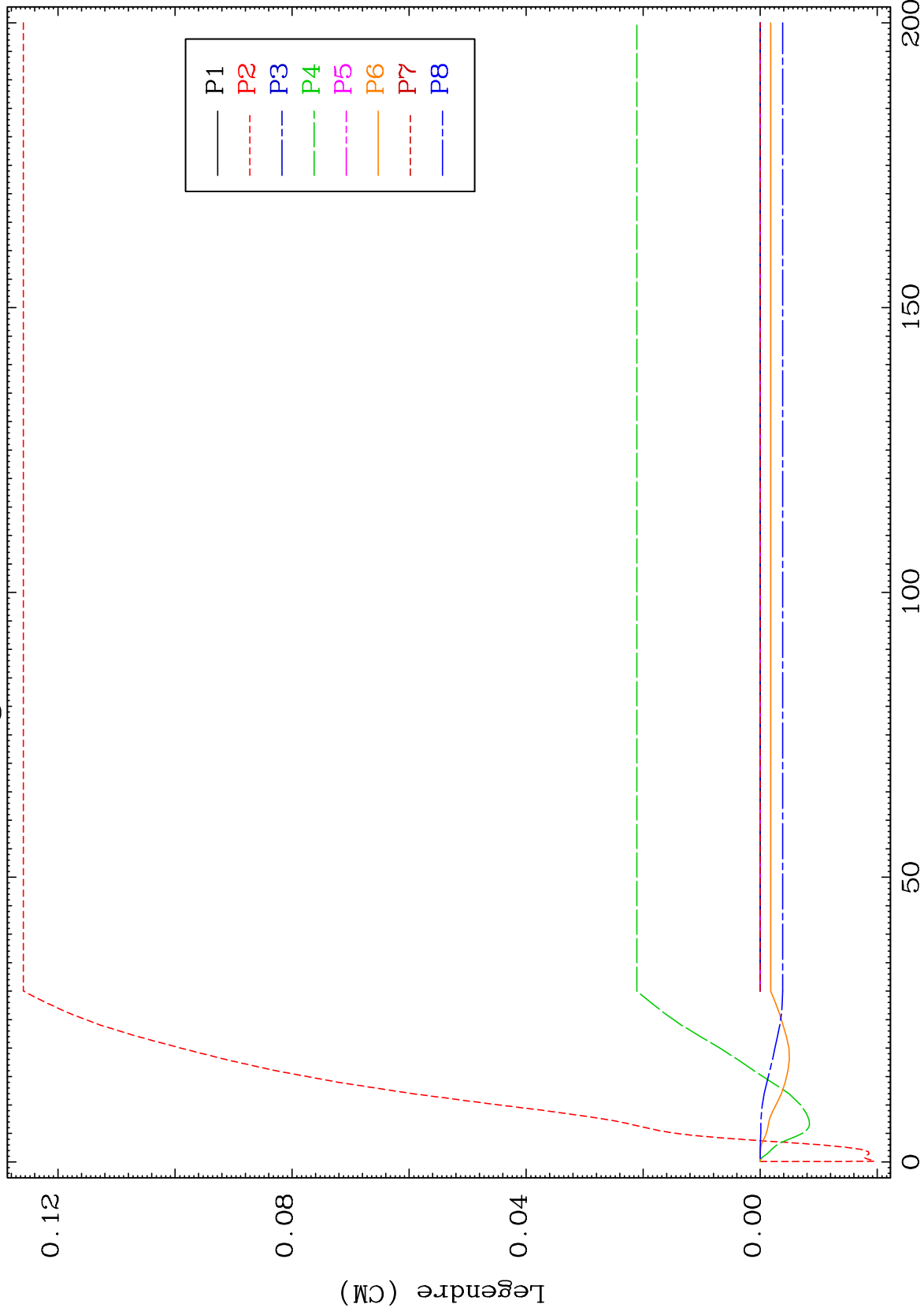
Incident Energy (MeV)

25

MAT 5098

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

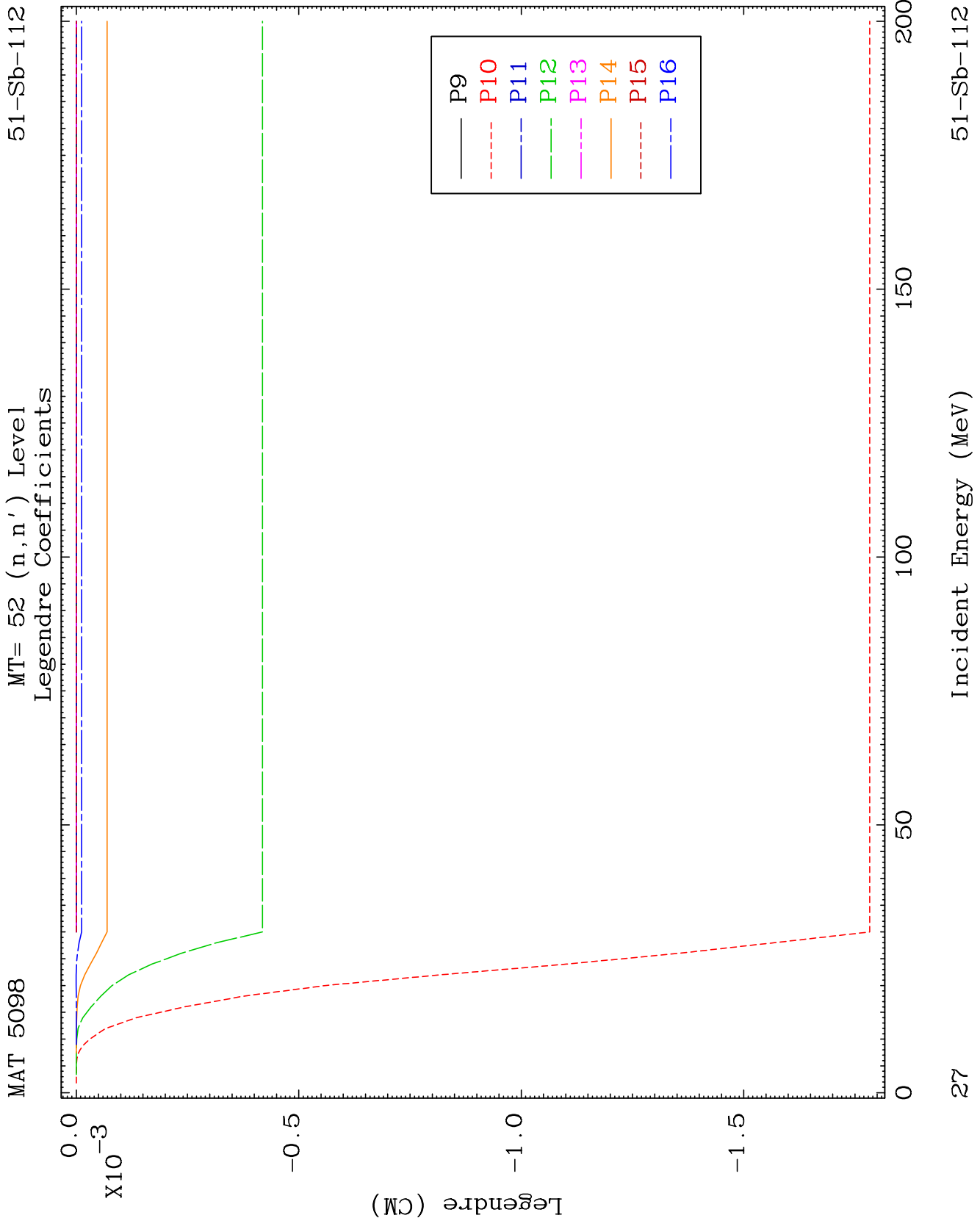
51-Sb-112



26

Incident Energy (MeV)

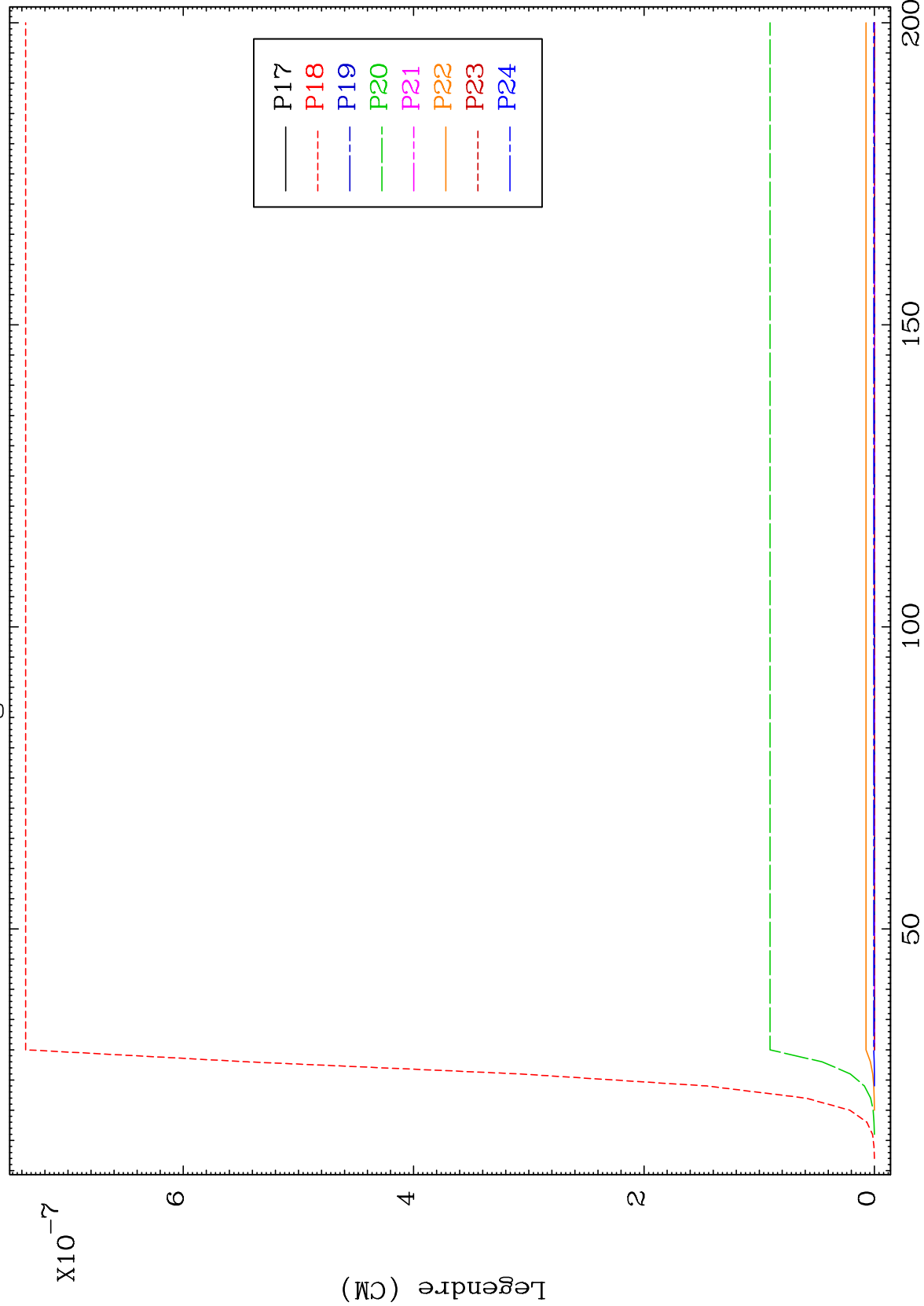
51-Sb-112



MAT 5098

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

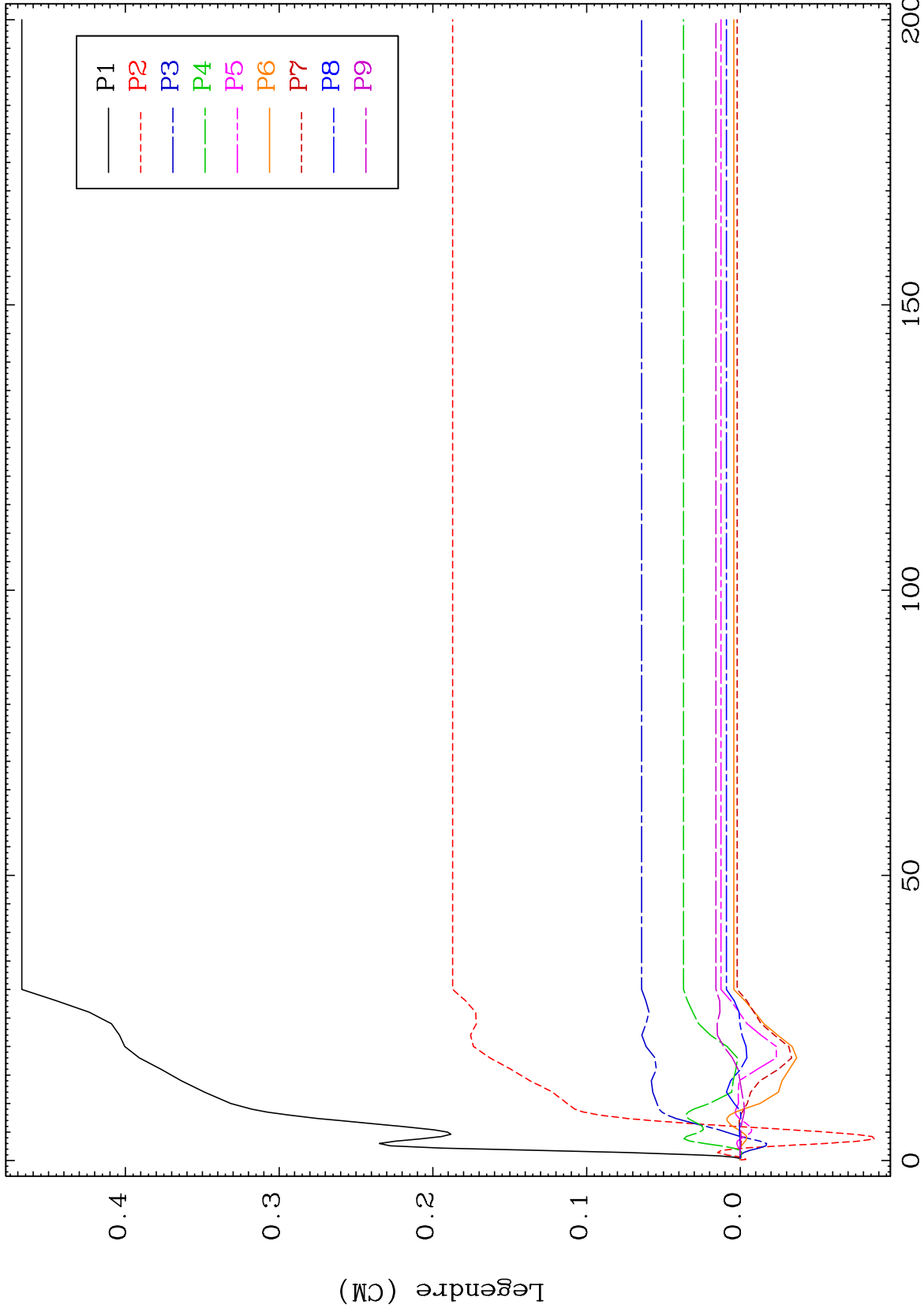
51-Sb-112



51-Sb-112

Incident Energy (MeV)

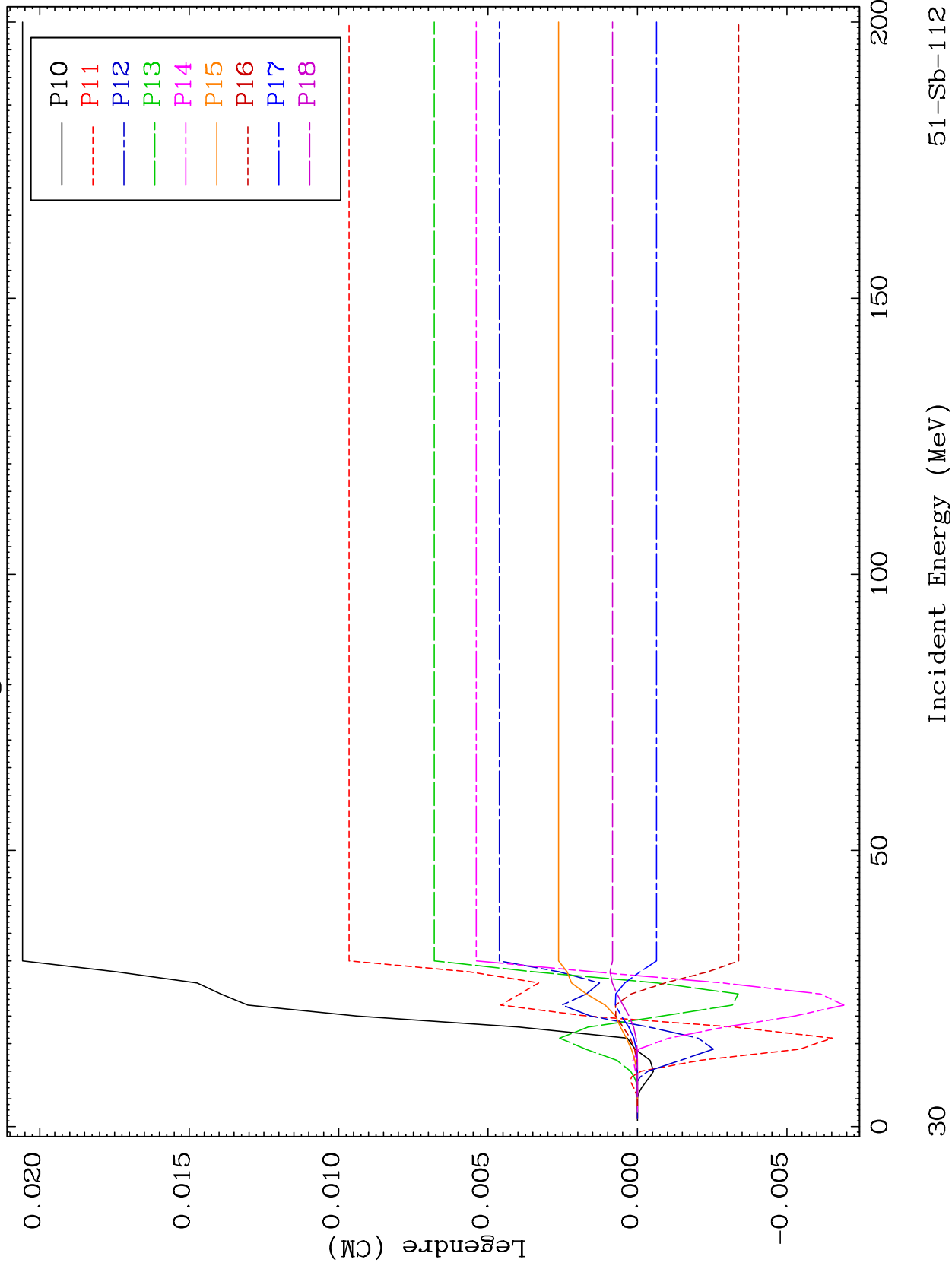
28



MAT 5098

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

51-Sb-112



51-Sb-112

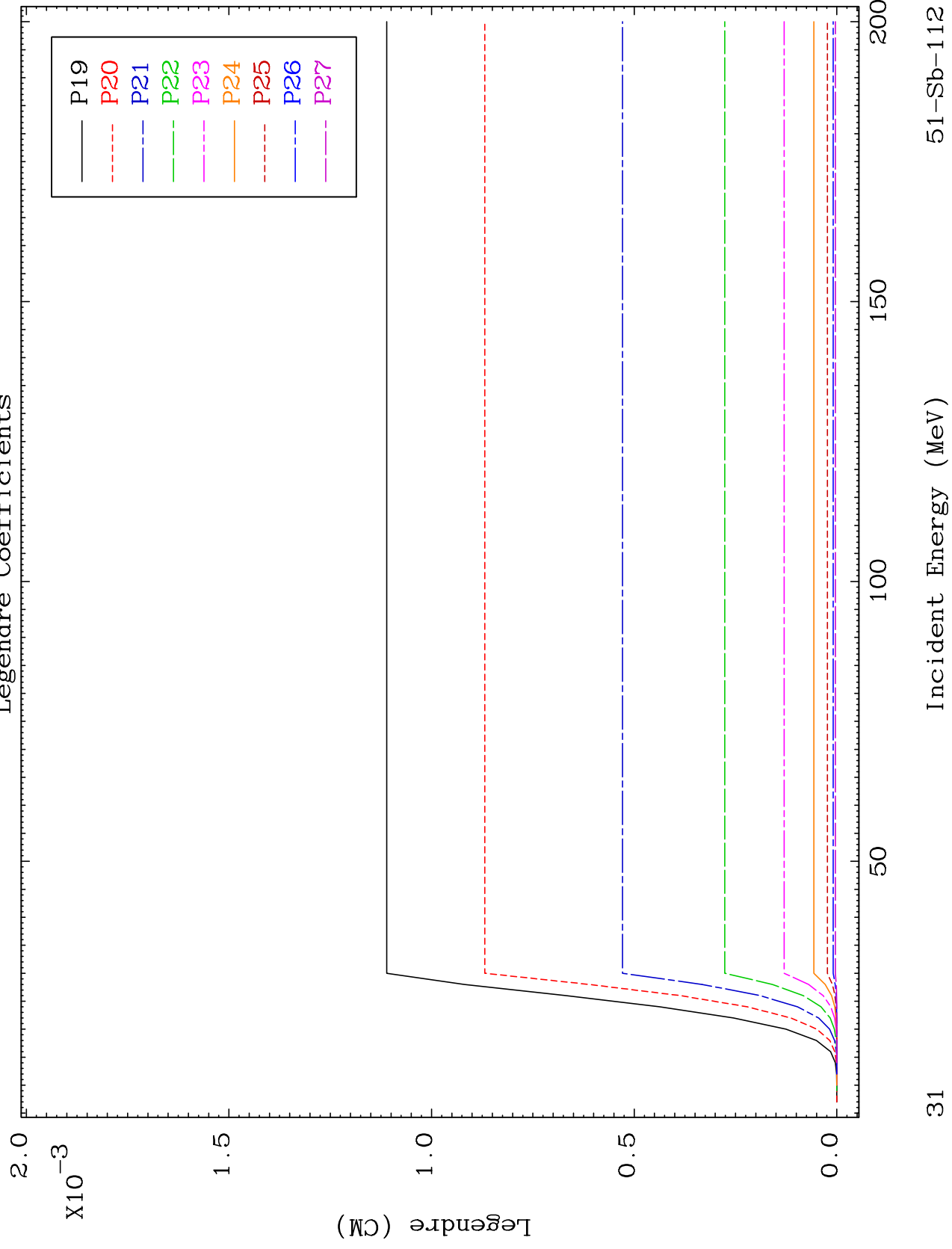
Incident Energy (MeV)

30

MAT 5098

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

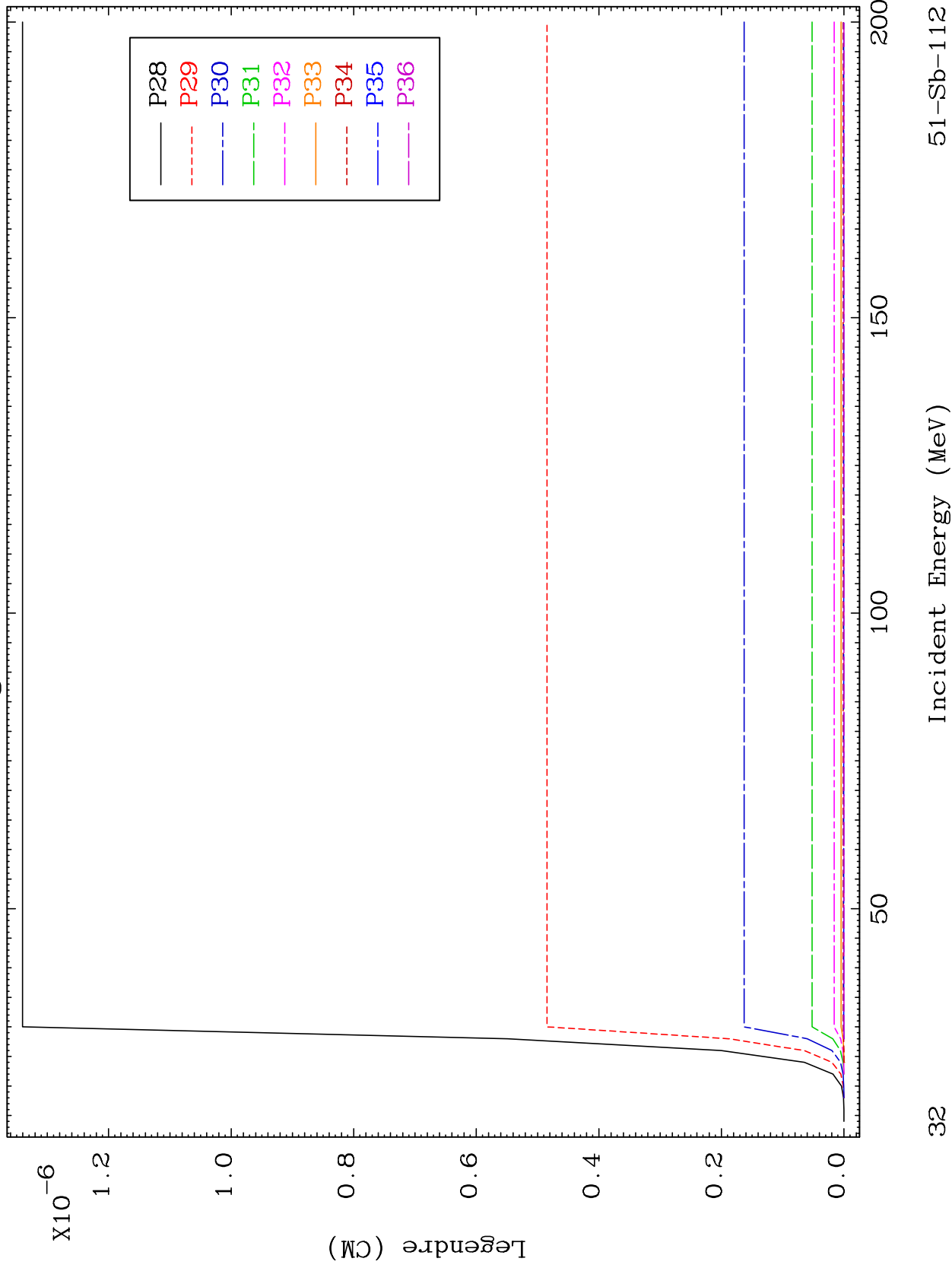
51-Sb-112



MAT 5098

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

51-Sb-112



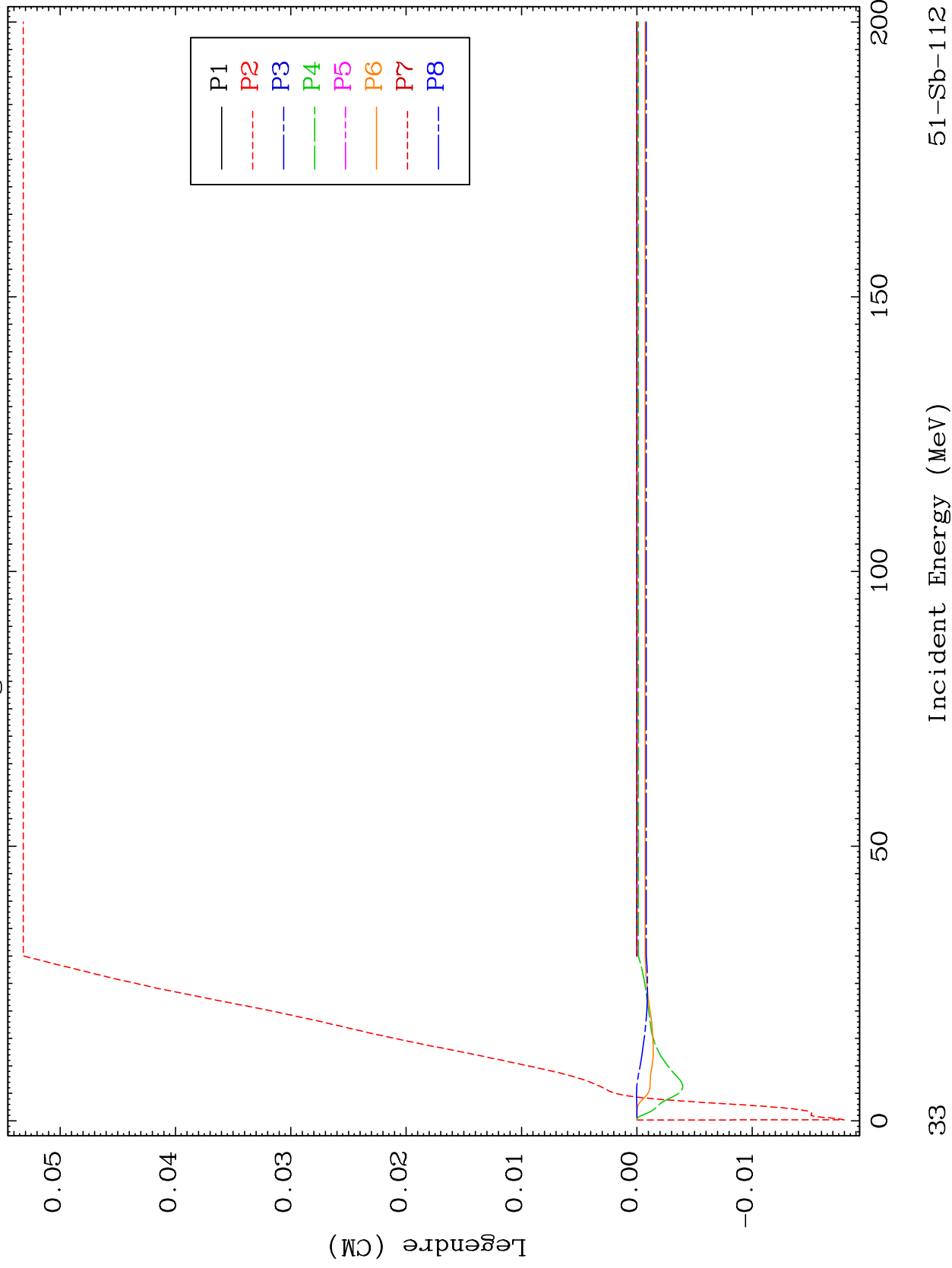
32

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

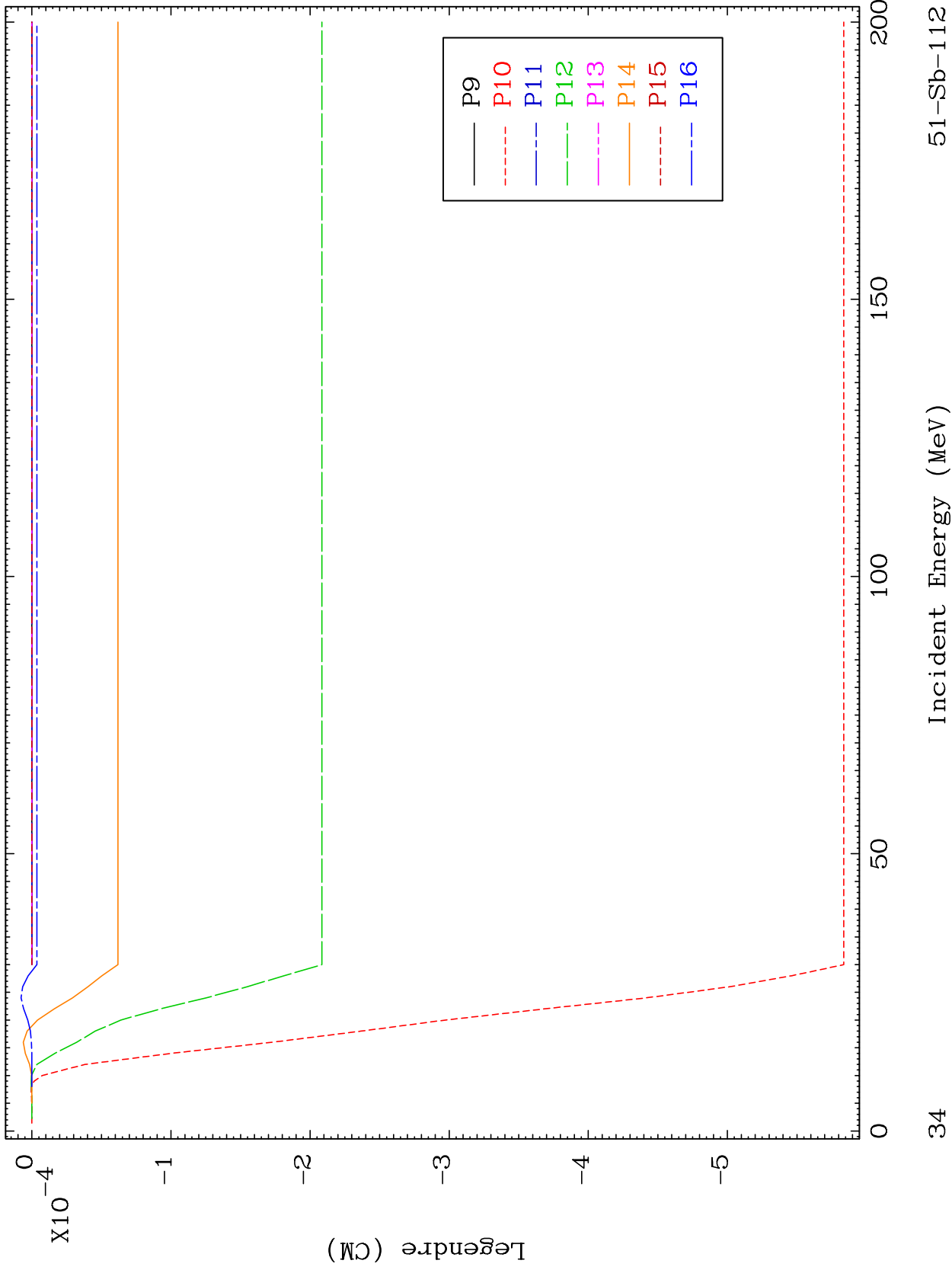
Incident Energy (MeV)

33

MAT 5098

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

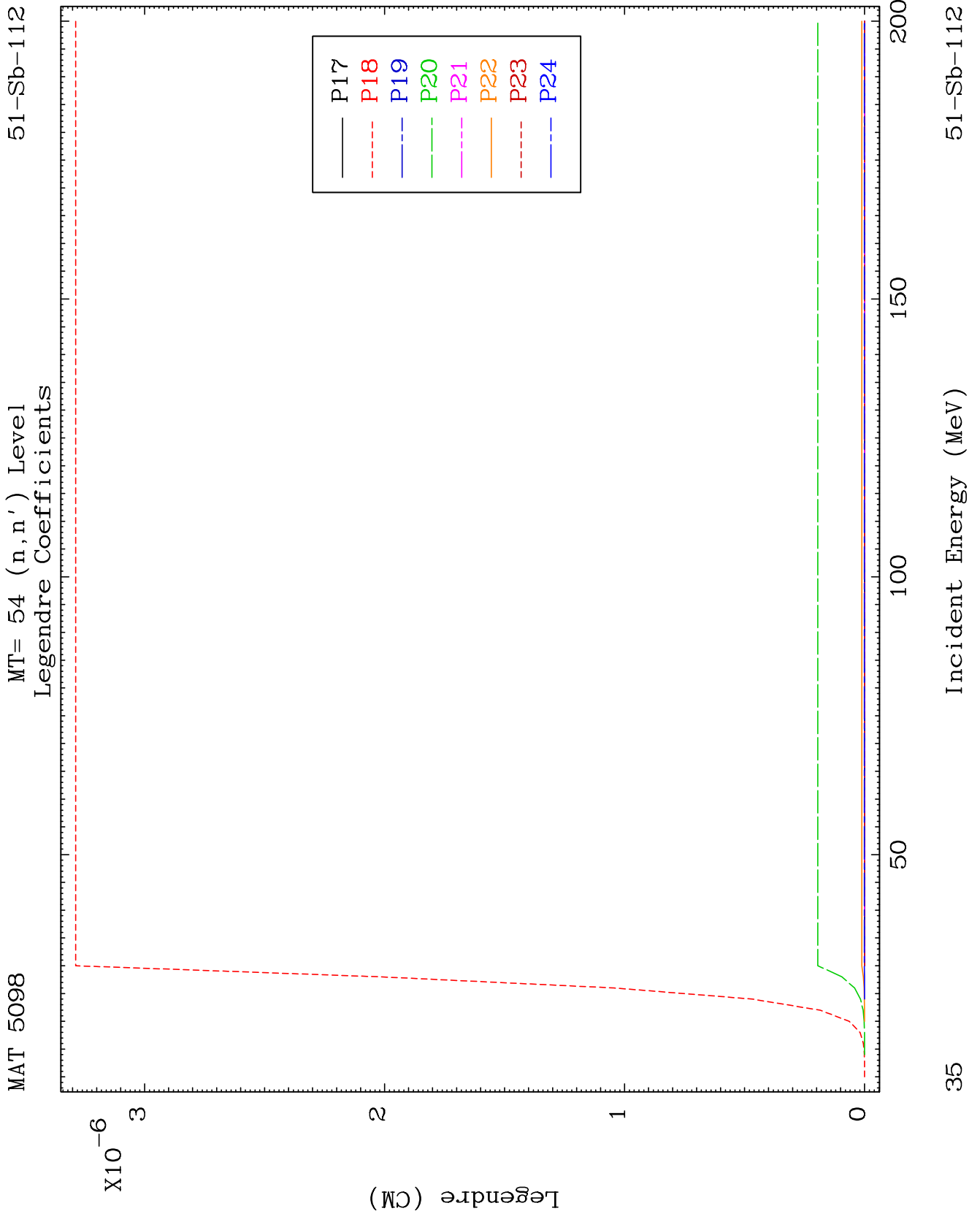
51-Sb-112



34

Incident Energy (MeV)

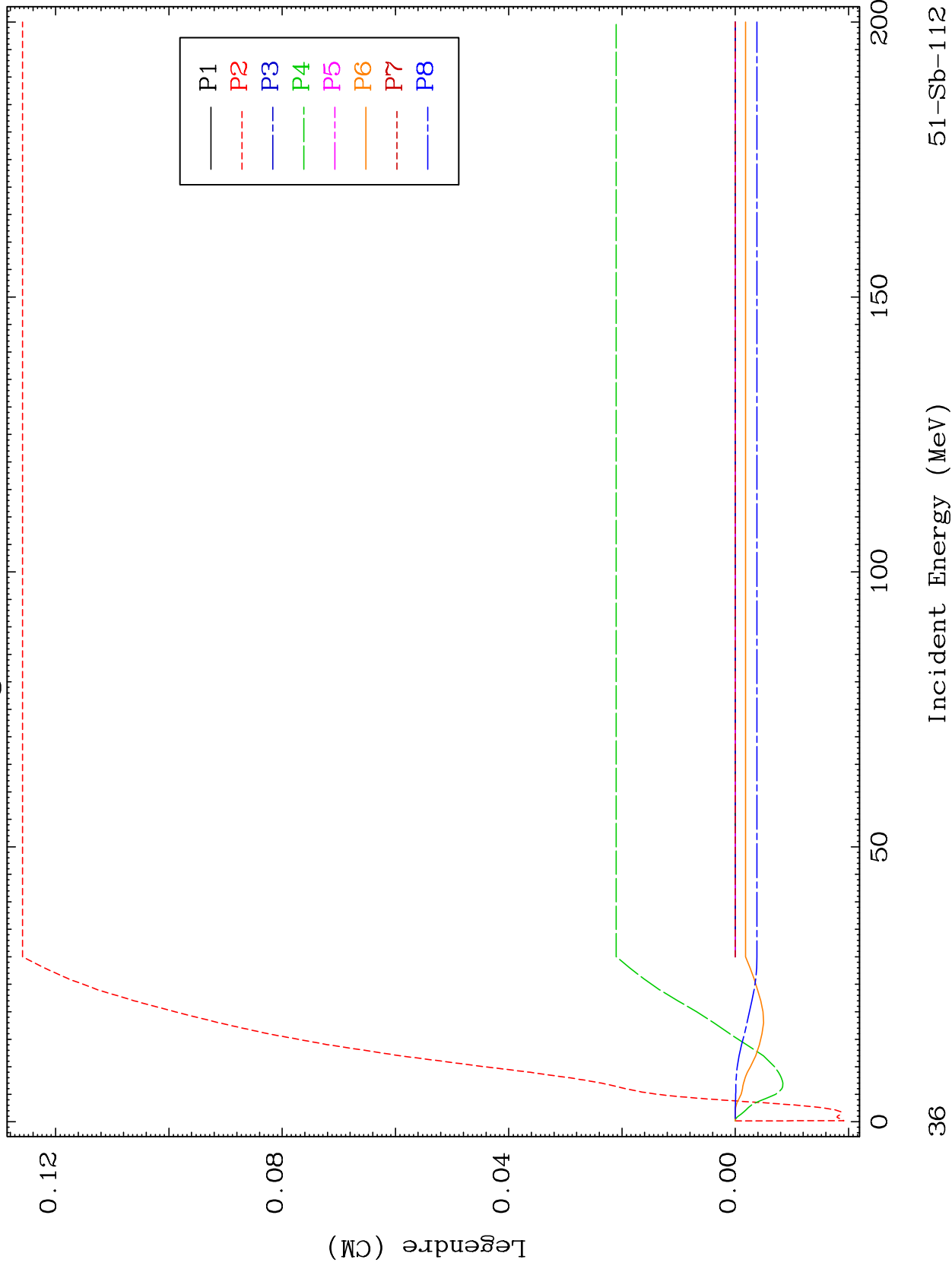
51-Sb-112



MAT 5098

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

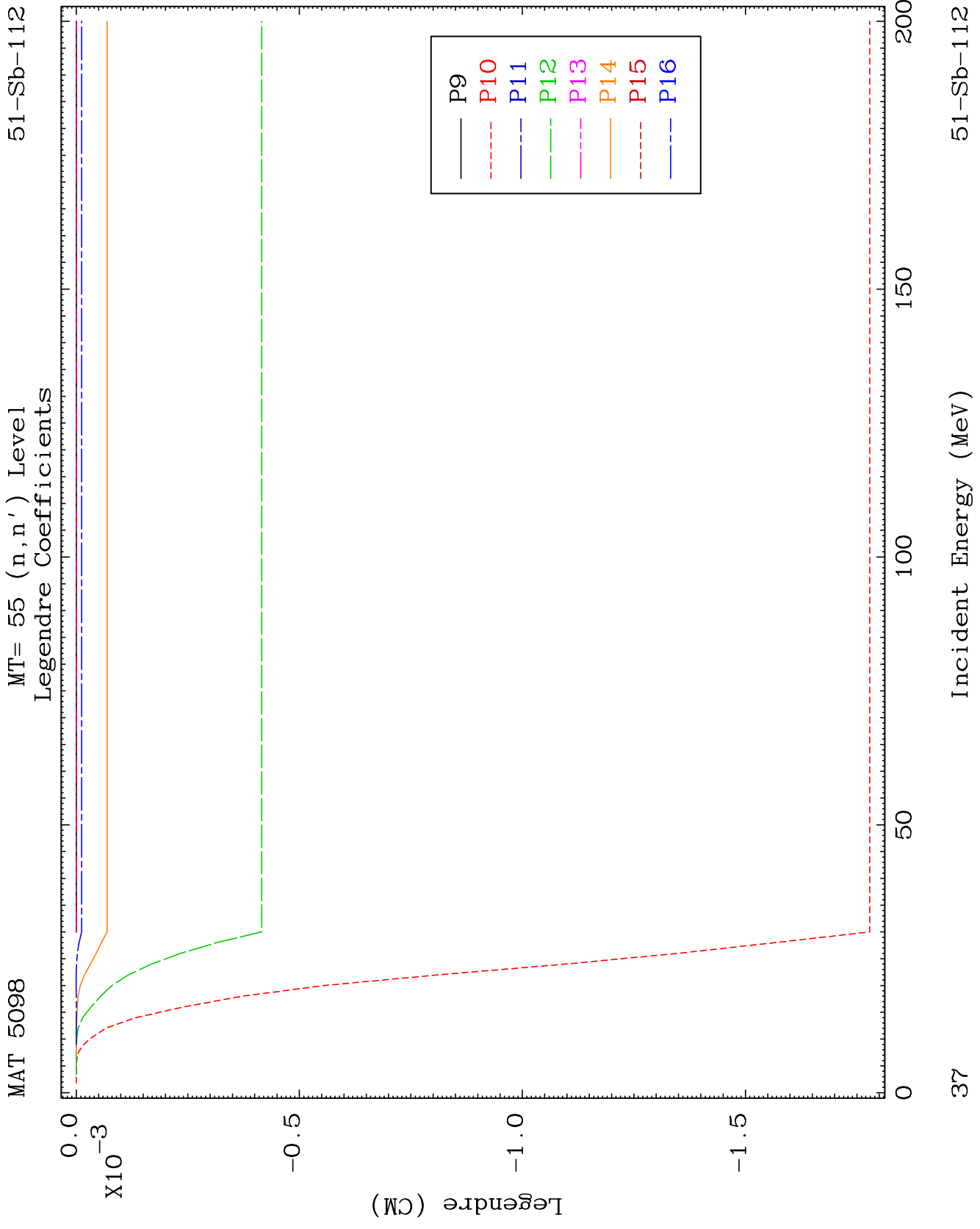
51-Sb-112

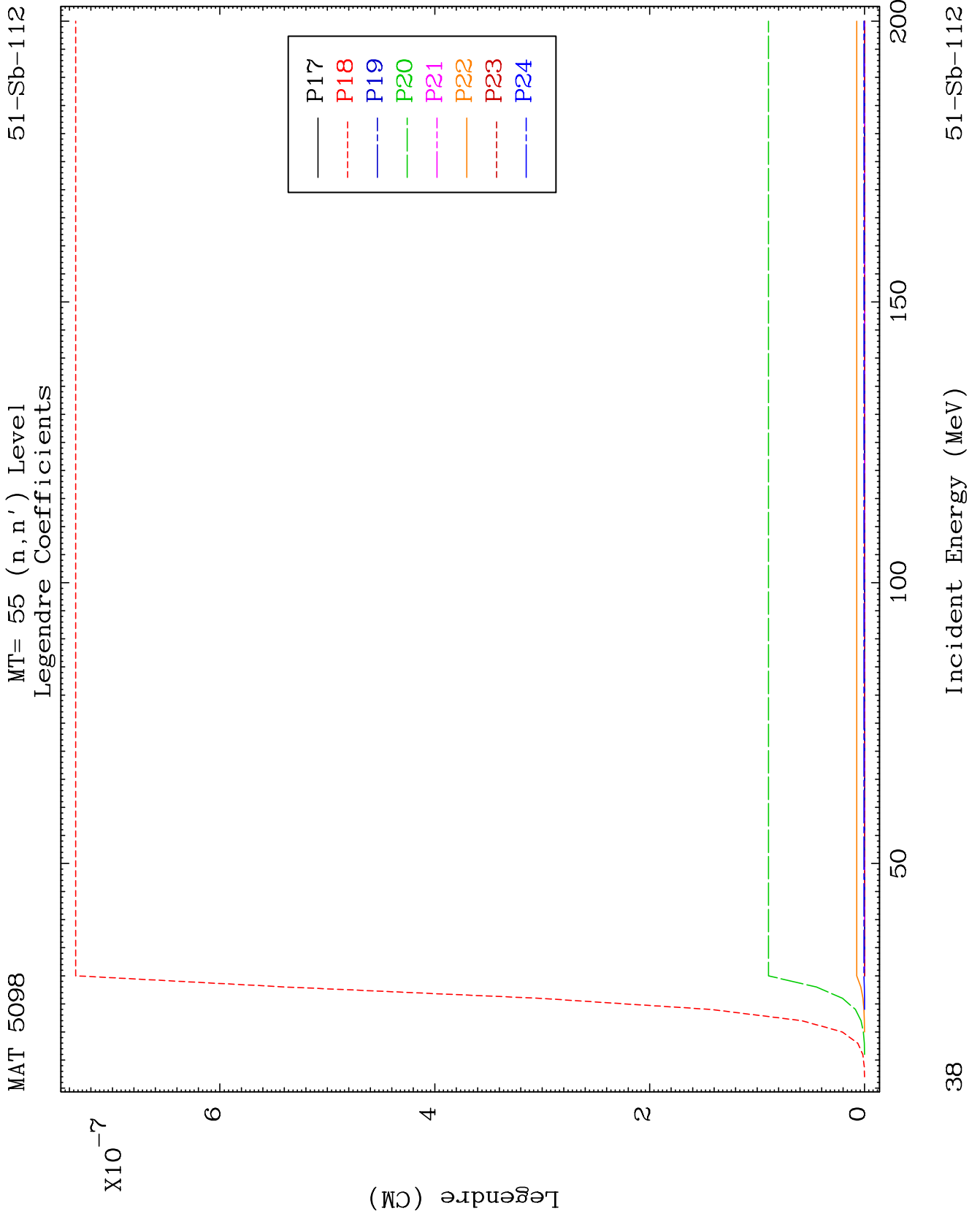


51-Sb-112

Incident Energy (MeV)

36

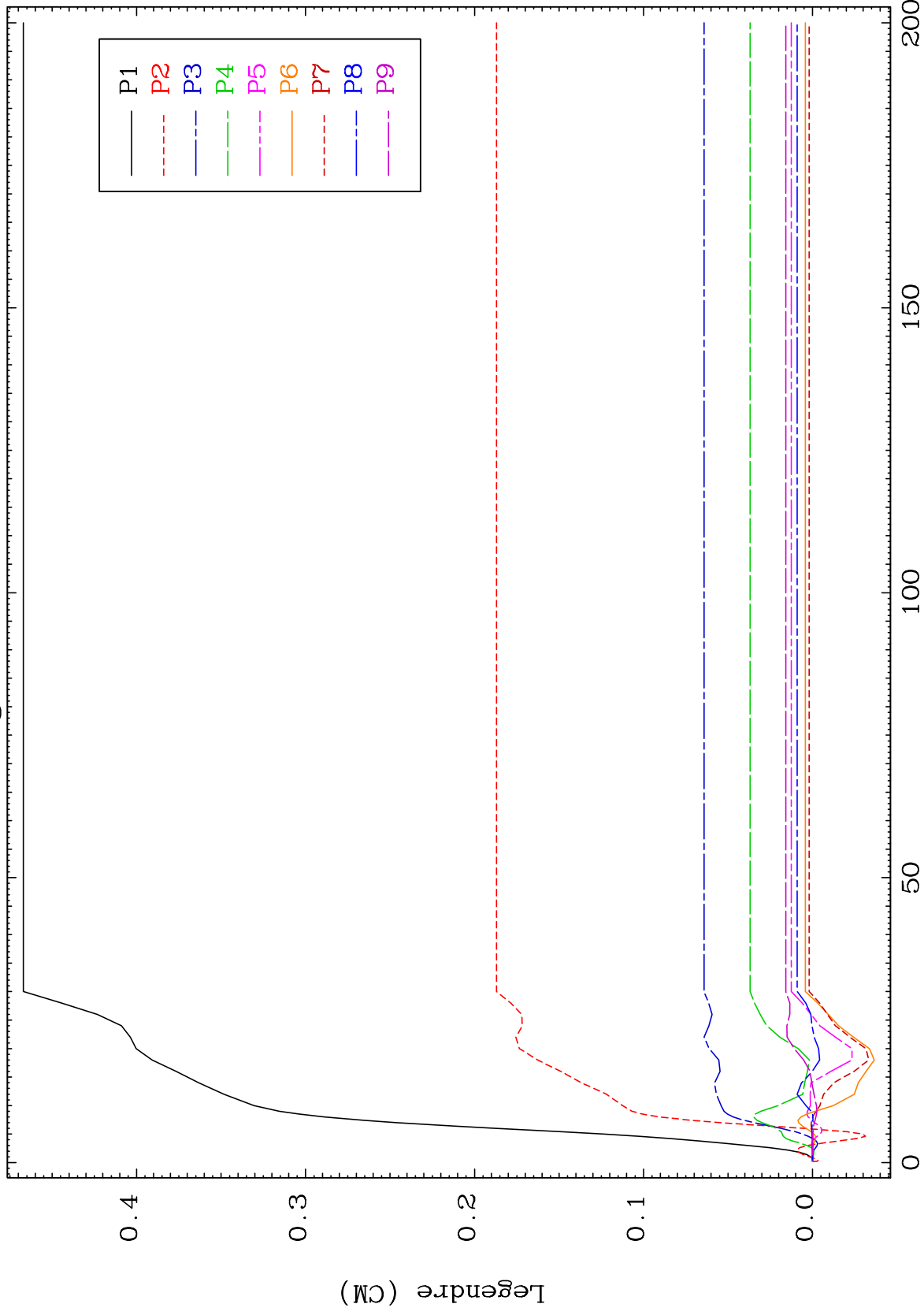




MAT 5098

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

51-Sb-112



39

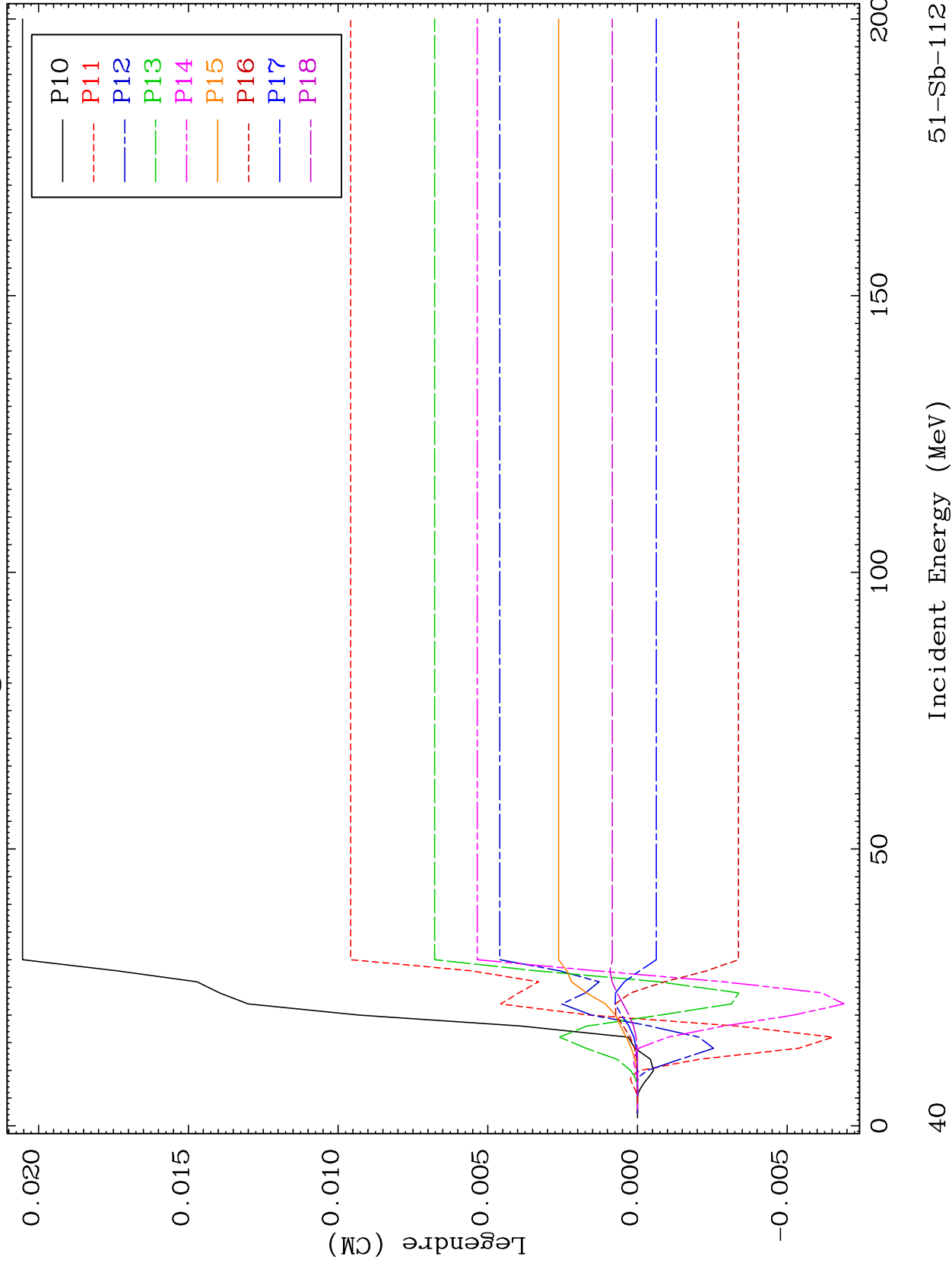
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

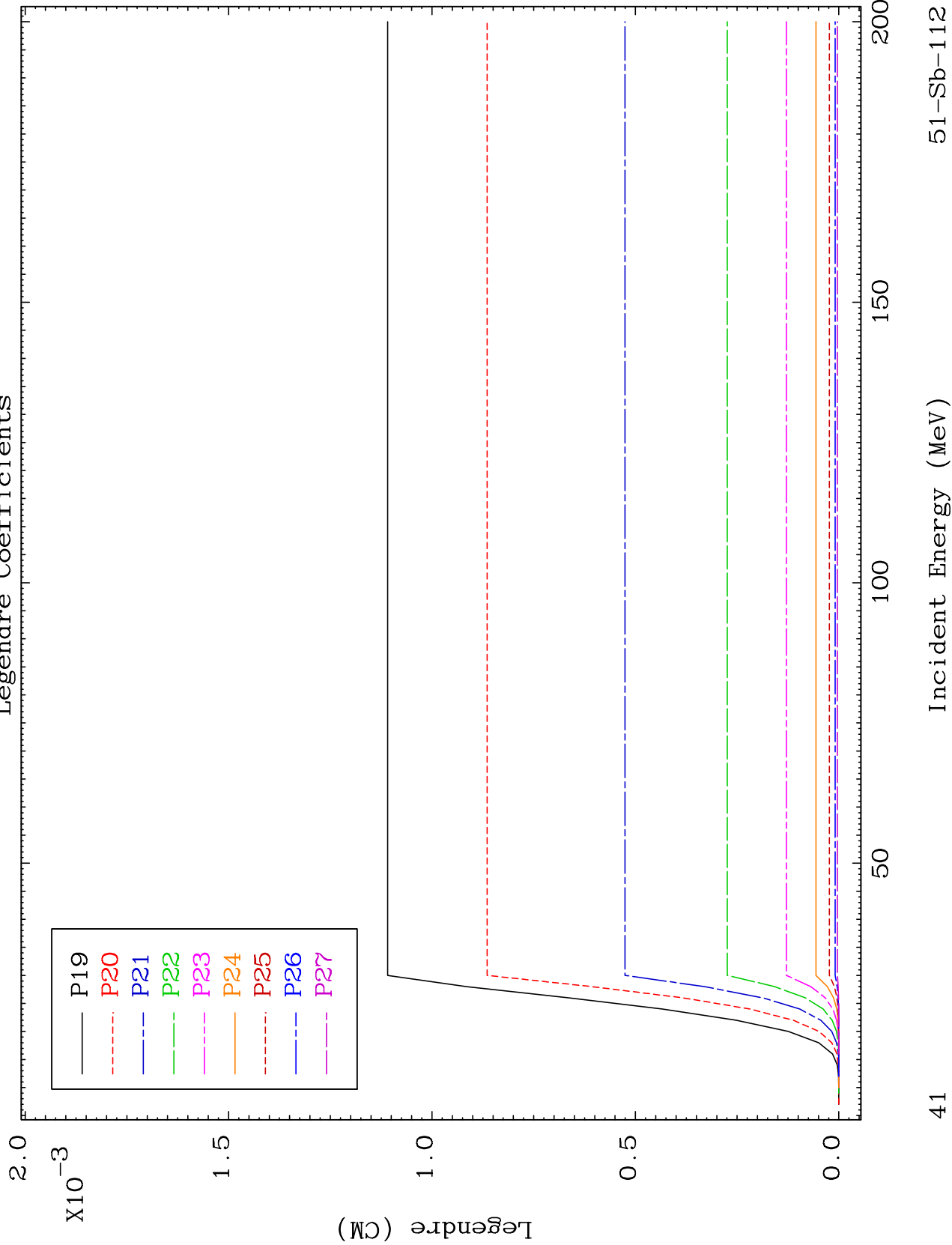
51-Sb-112



51-Sb-112

Incident Energy (MeV)

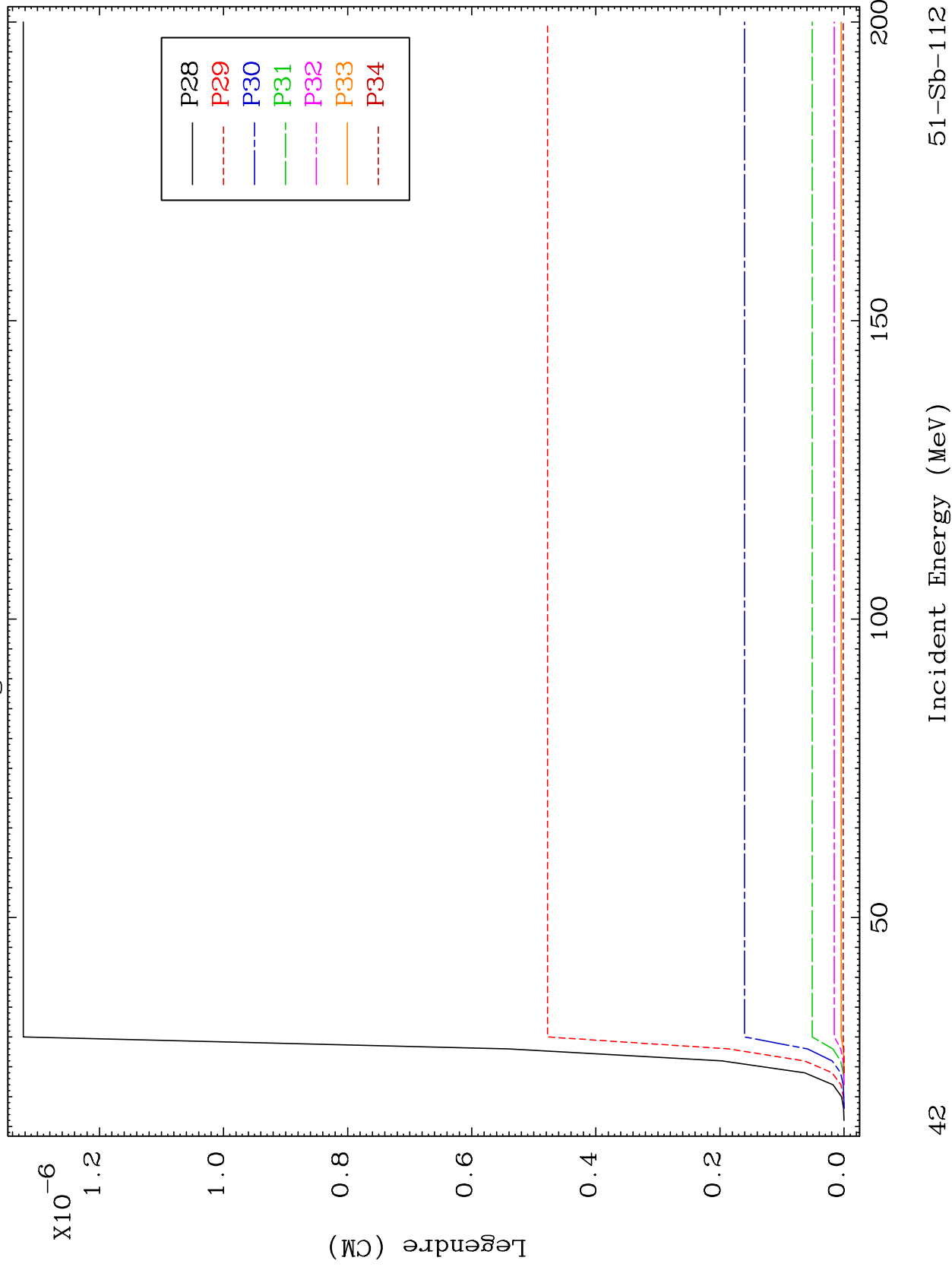
40



MAT 5098

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

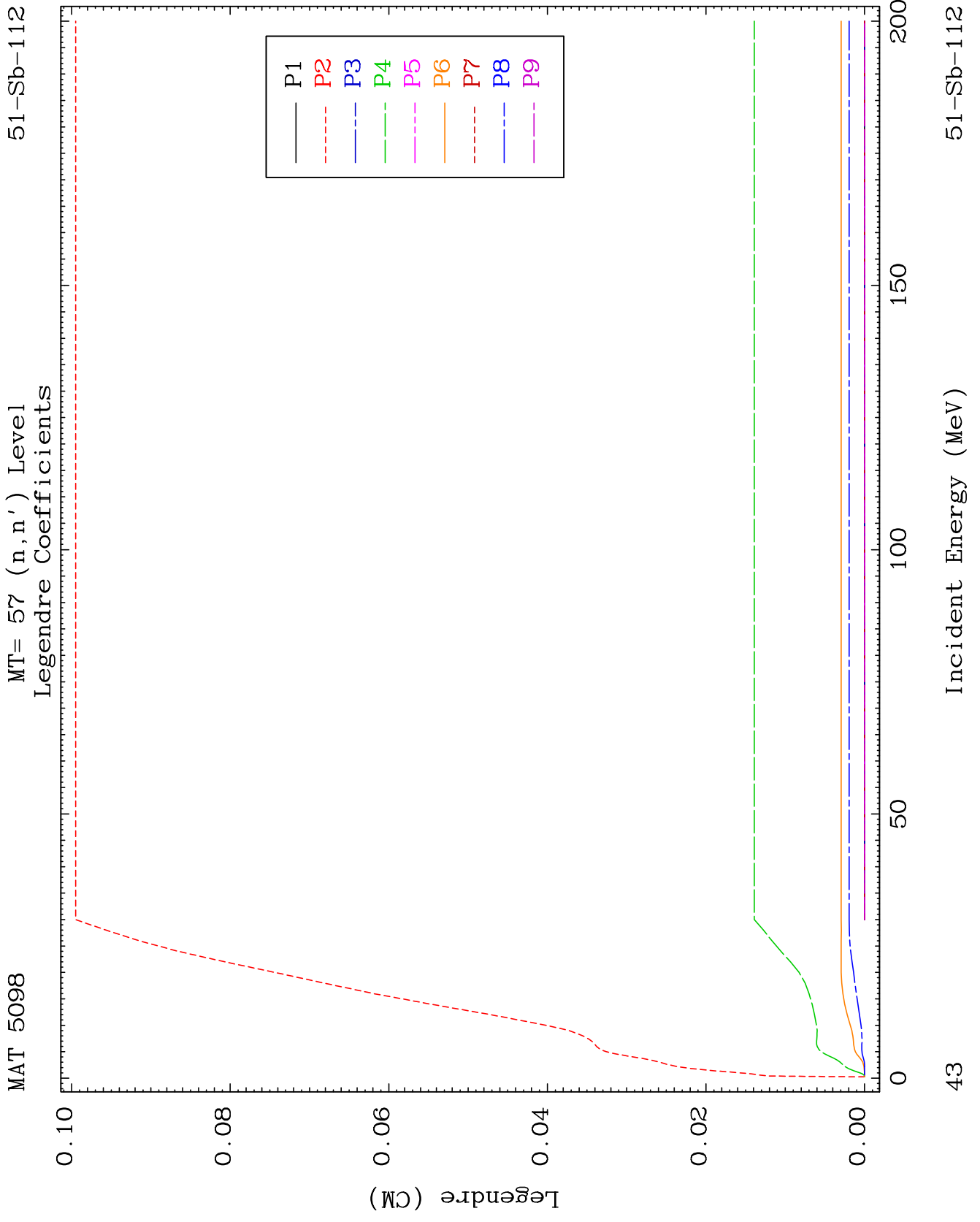
51-Sb-112



42

Incident Energy (MeV)

51-Sb-112



51-Sb-112

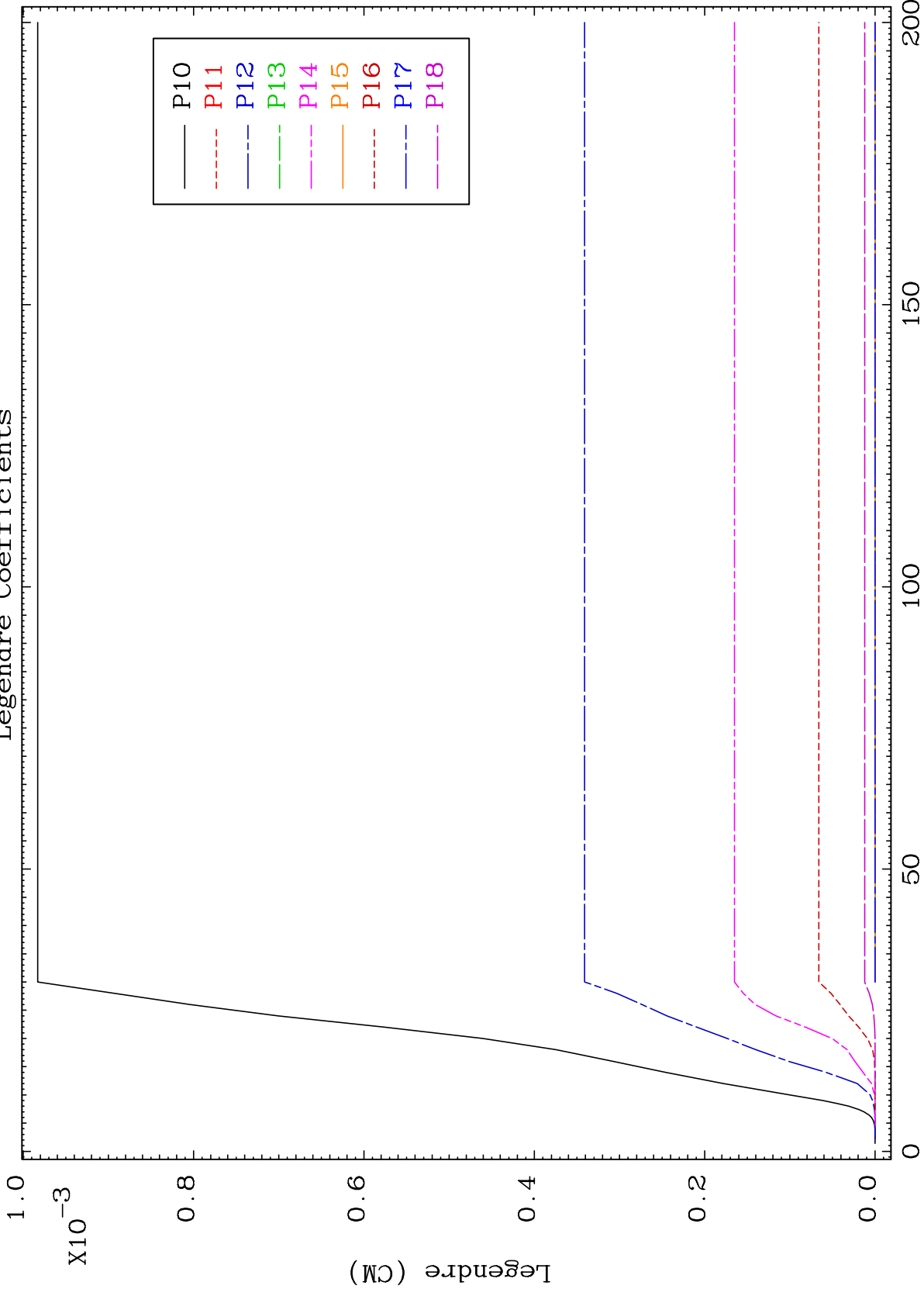
Incident Energy (MeV)

43

MAT 5098

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

51-Sb-112



44

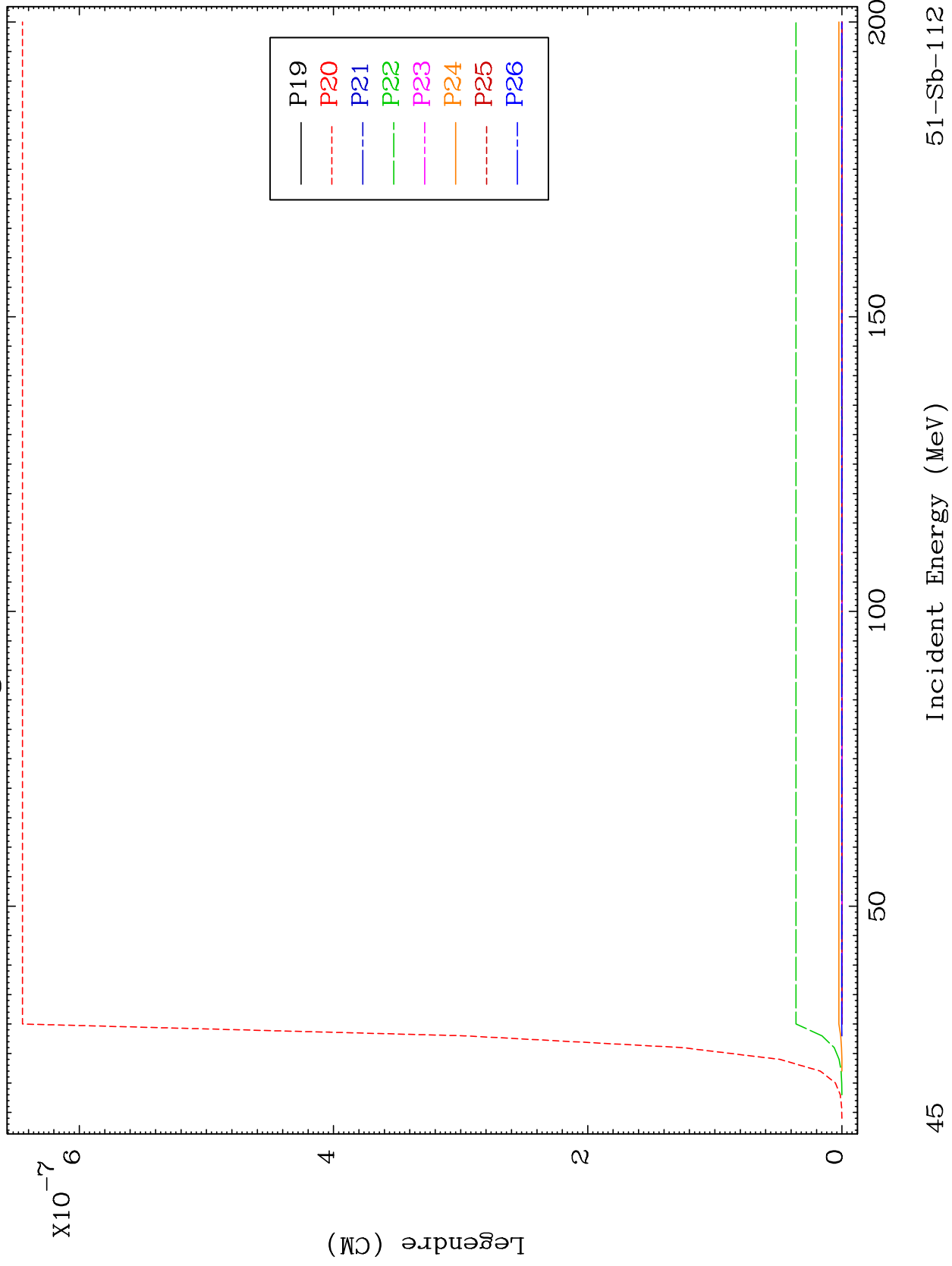
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

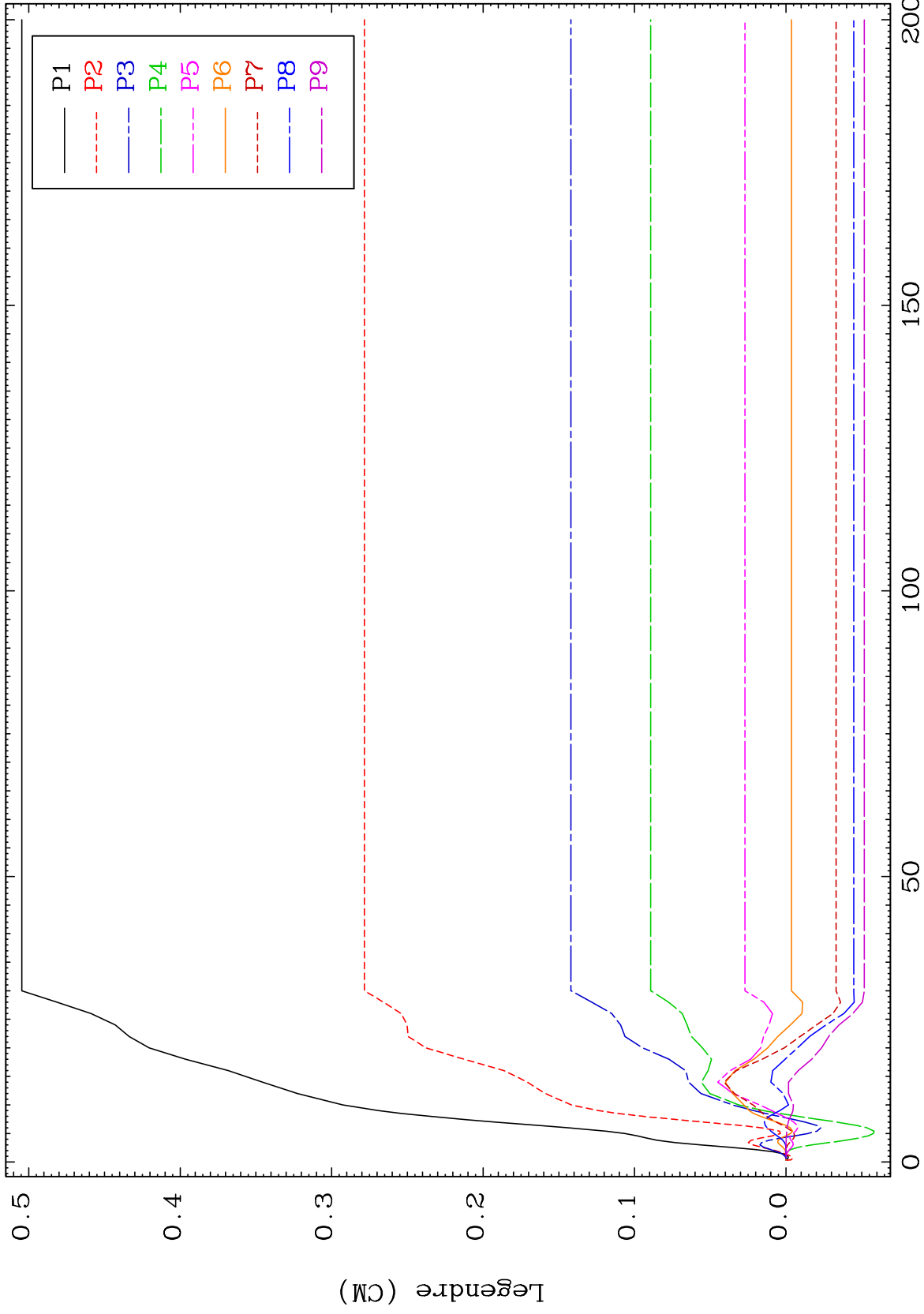
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

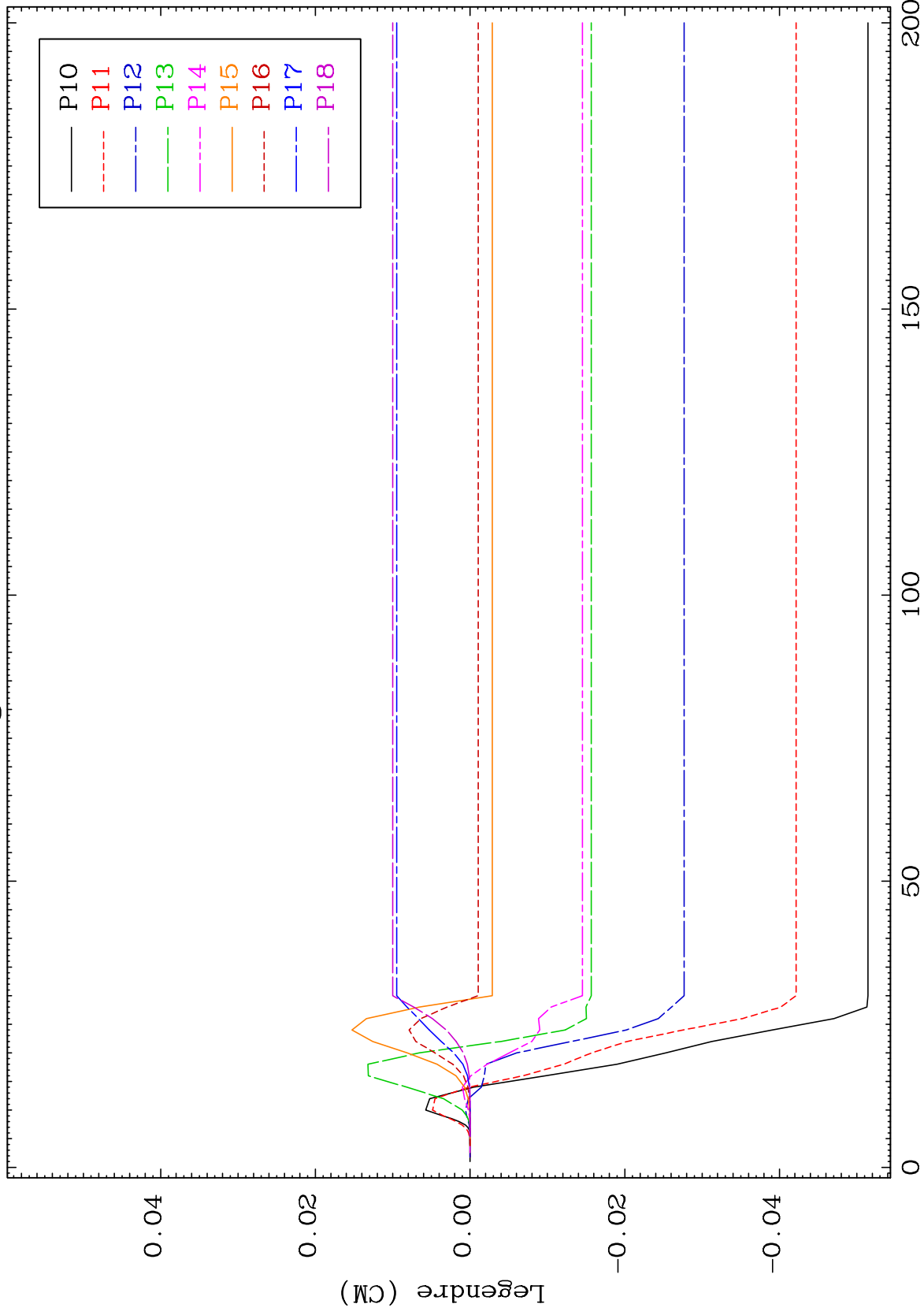
Incident Energy (MeV)

46

MAT 5098

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

51-Sb-112



47

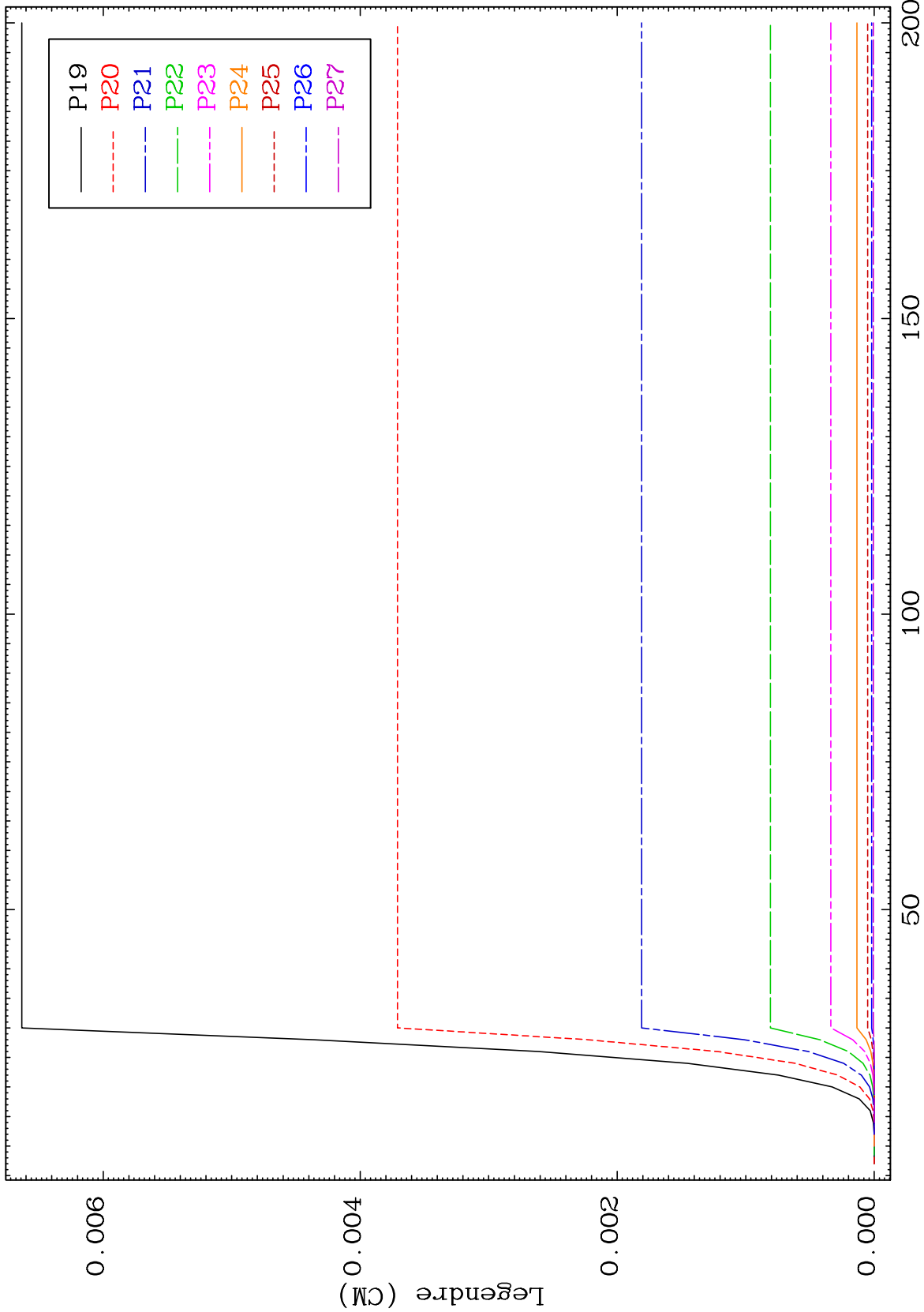
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



48

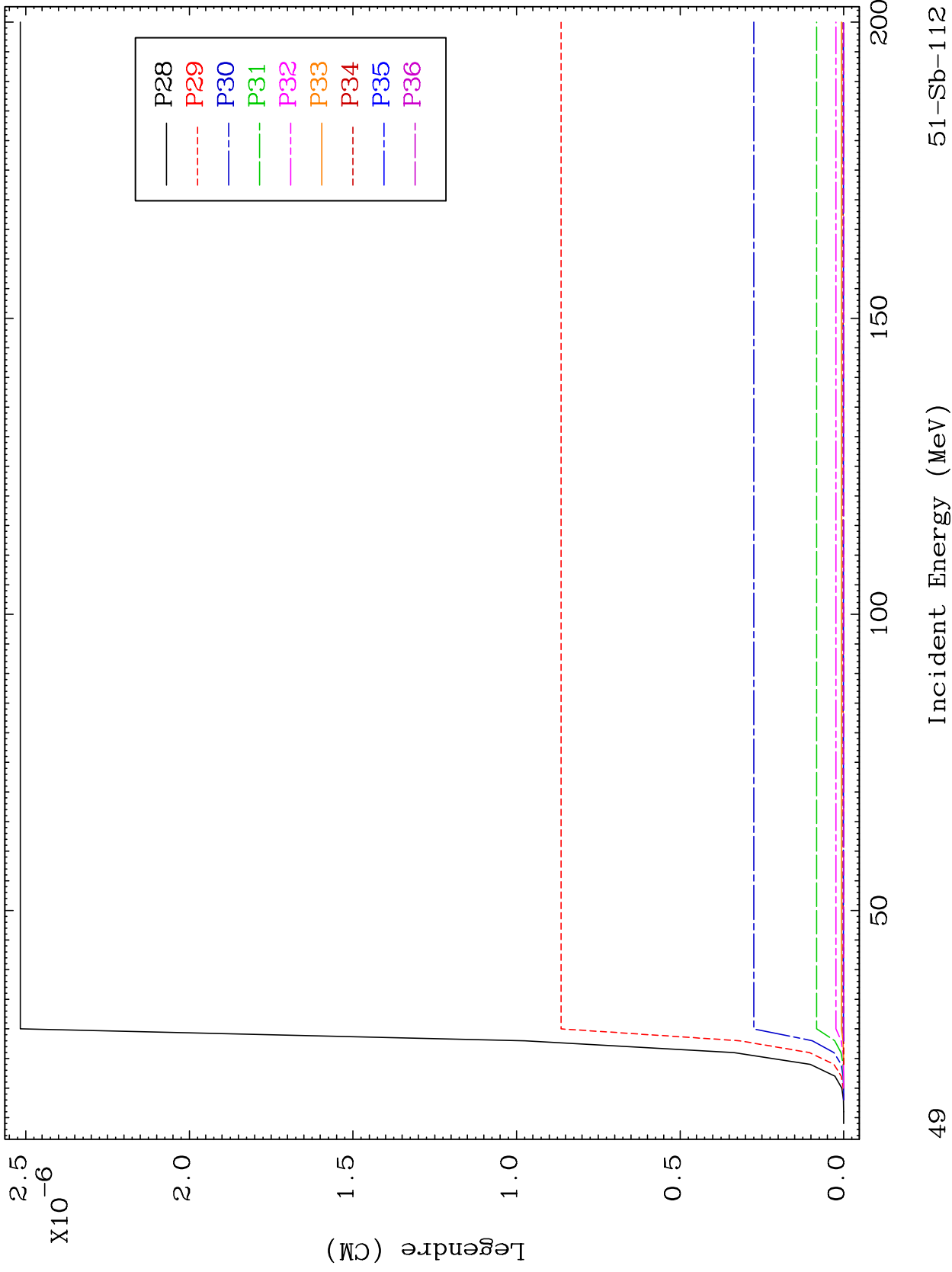
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

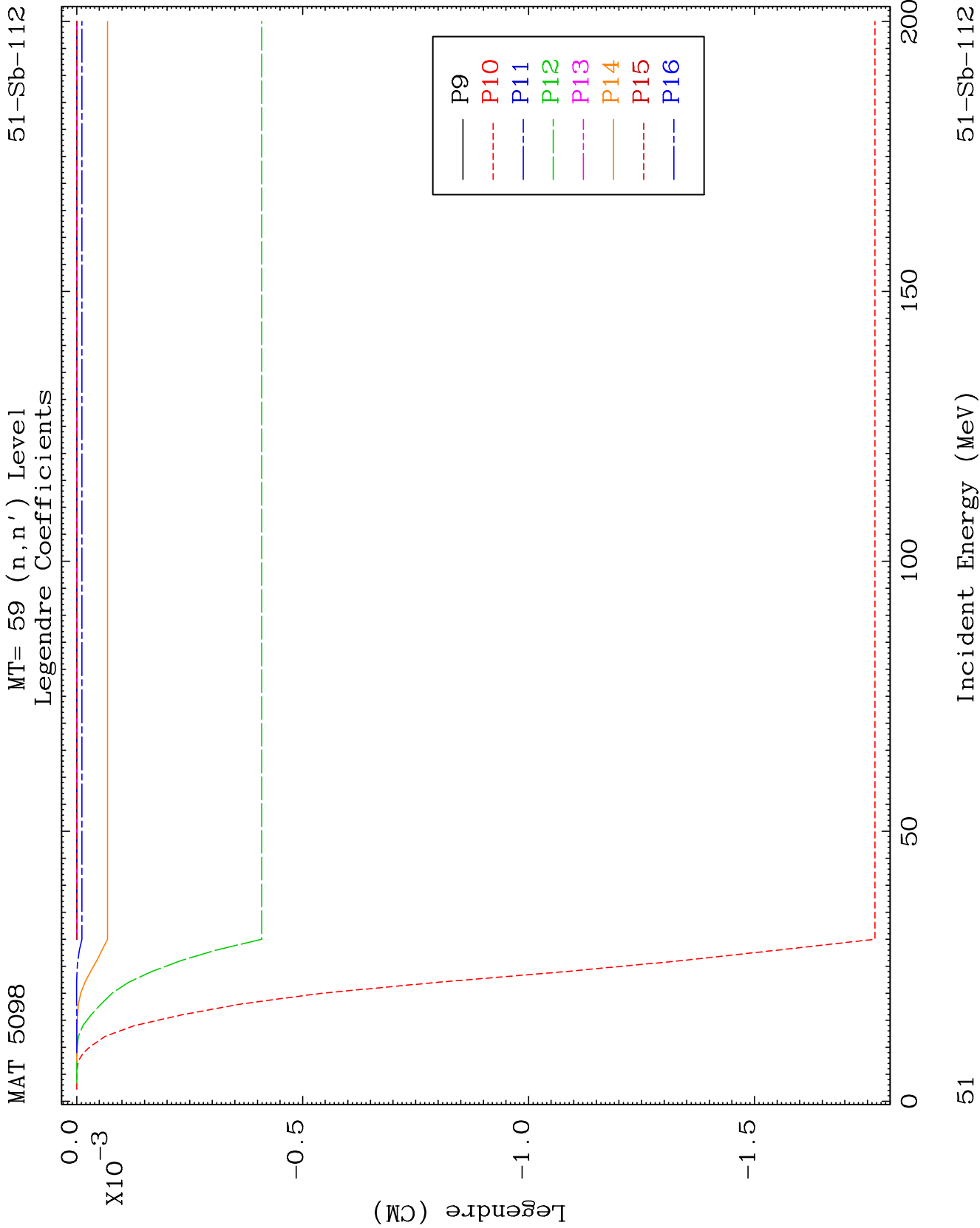
51-Sb-112



51-Sb-112

Incident Energy (MeV)

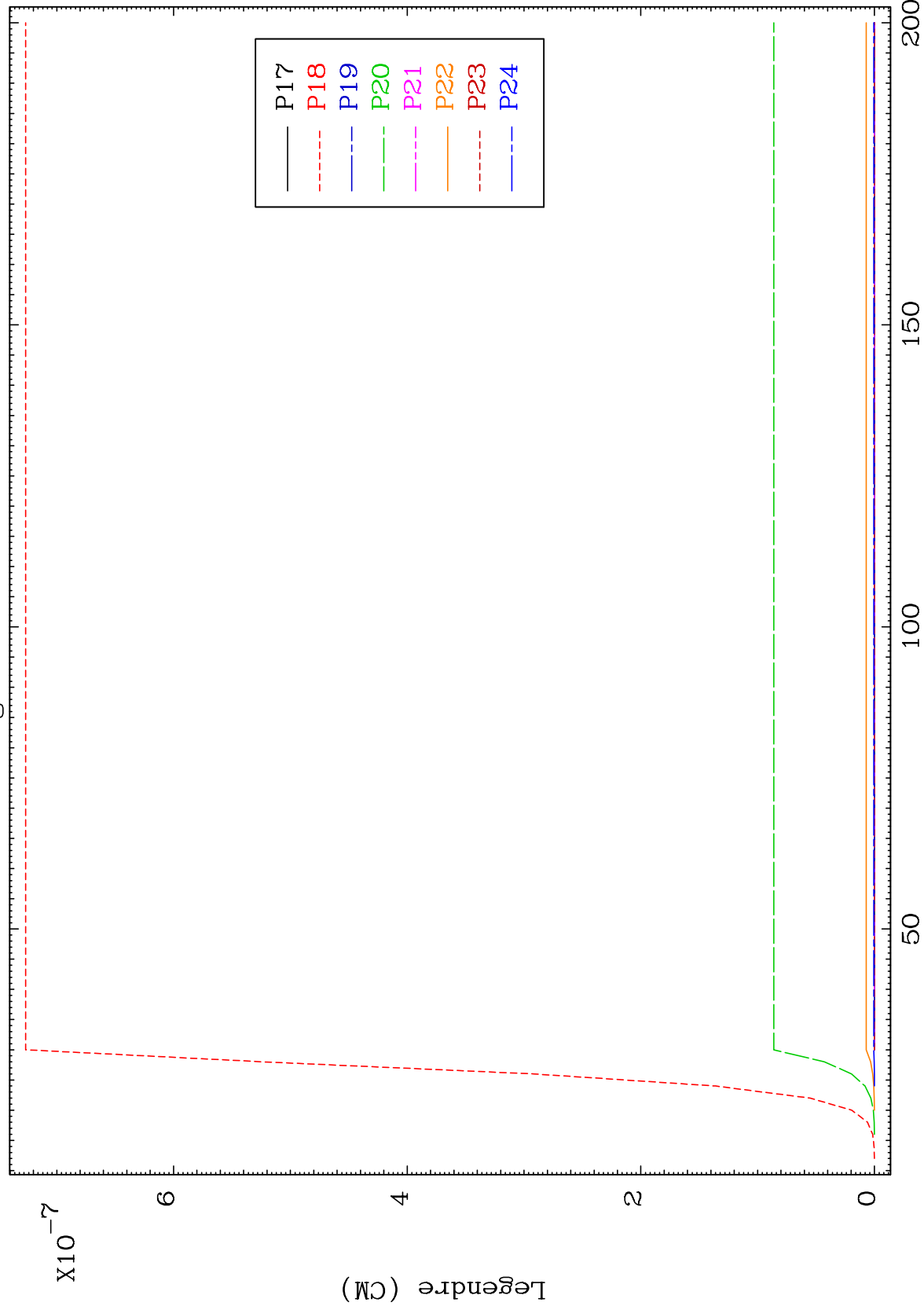
49



MAT 5098

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

51-Sb-112



51-Sb-112

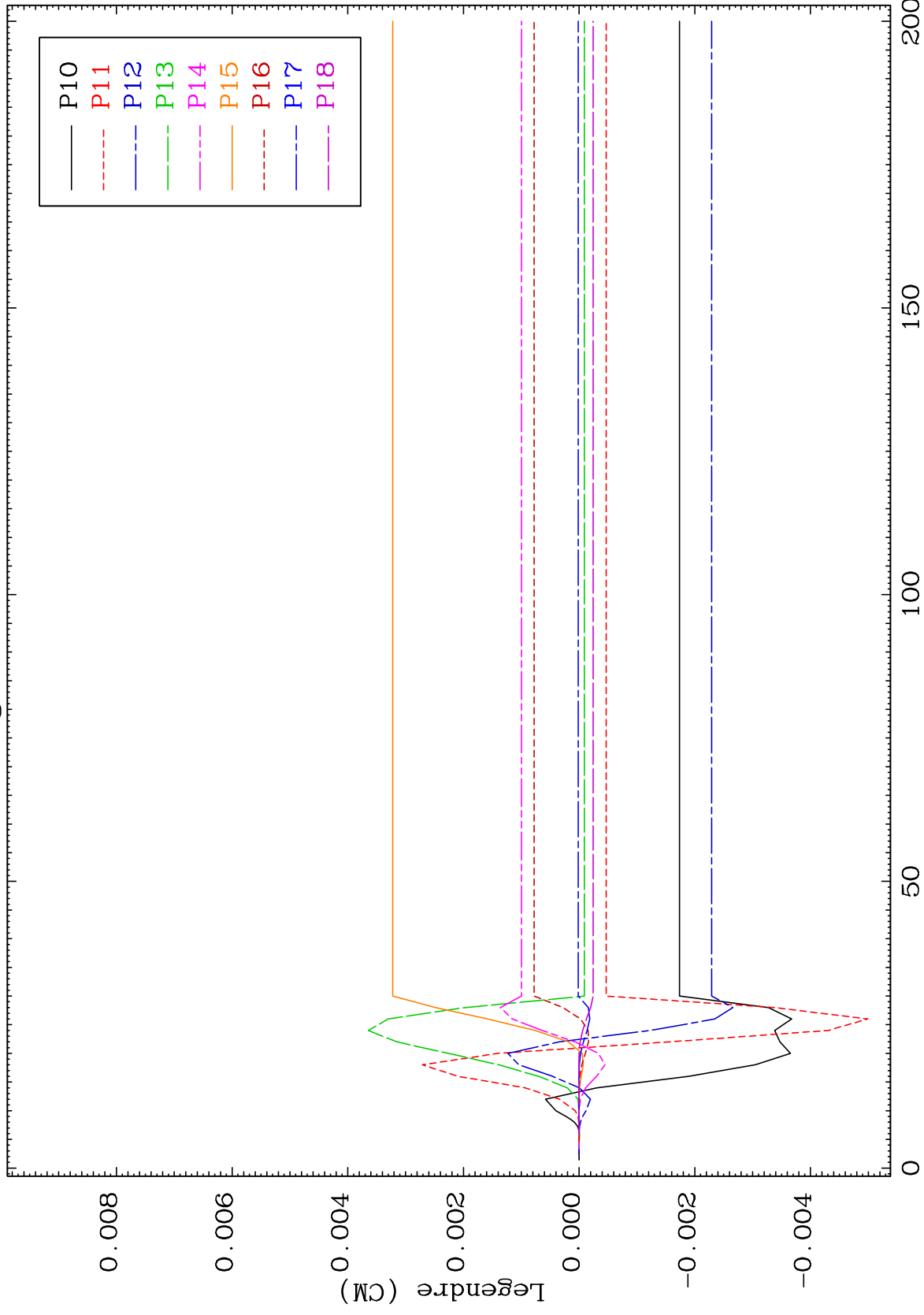
Incident Energy (MeV)

52

MAT 5098

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

51-Sb-112



54

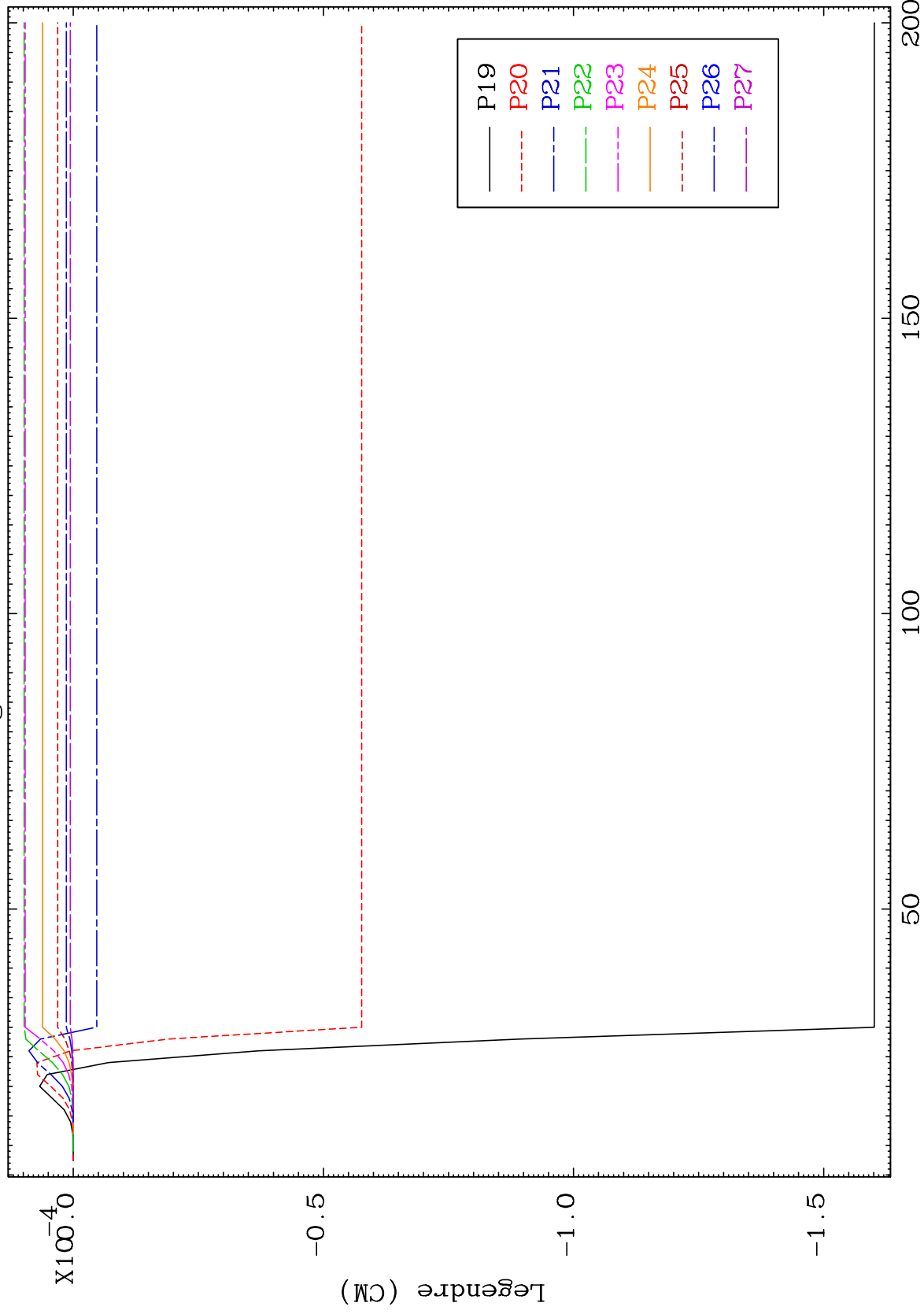
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



55

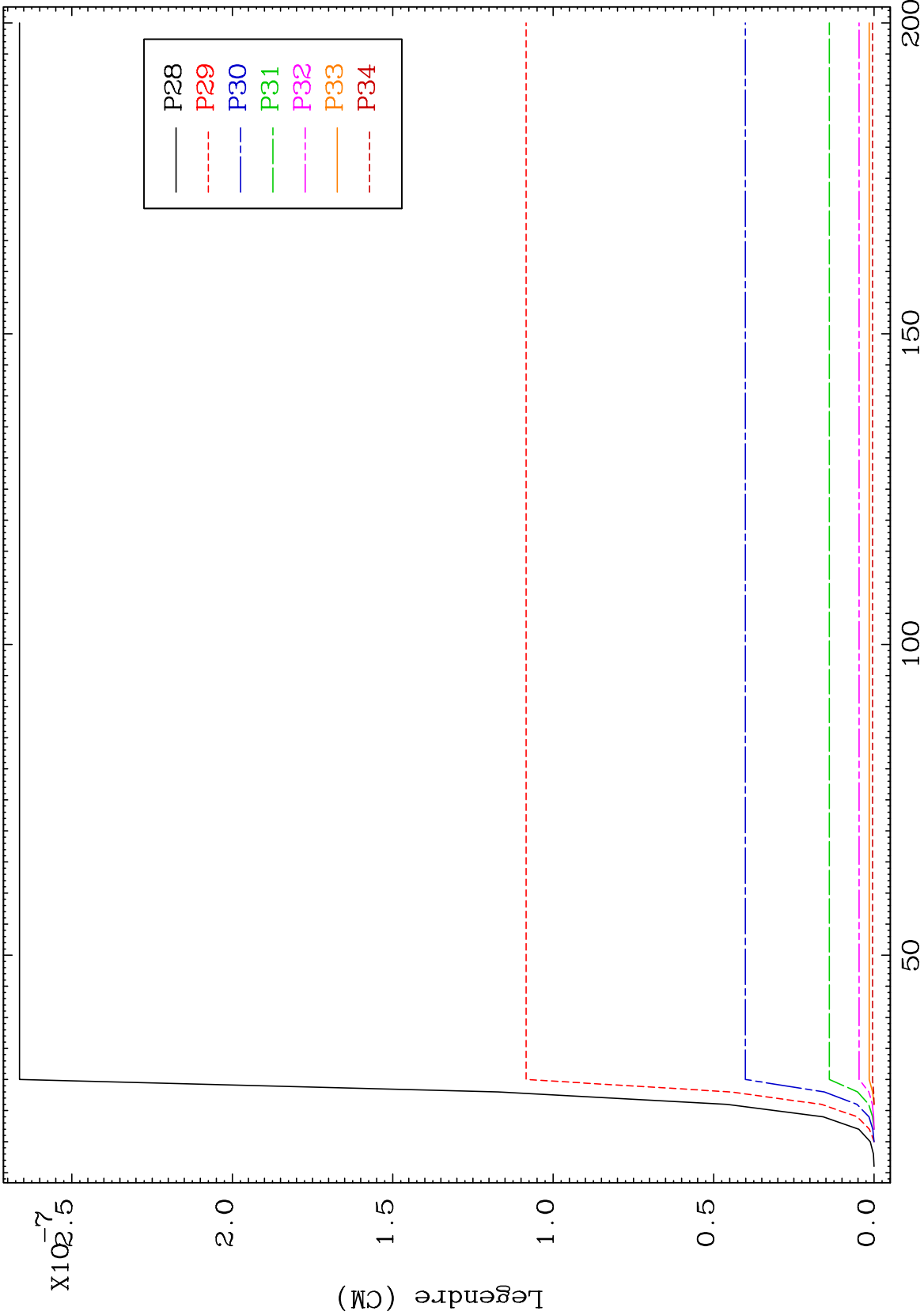
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

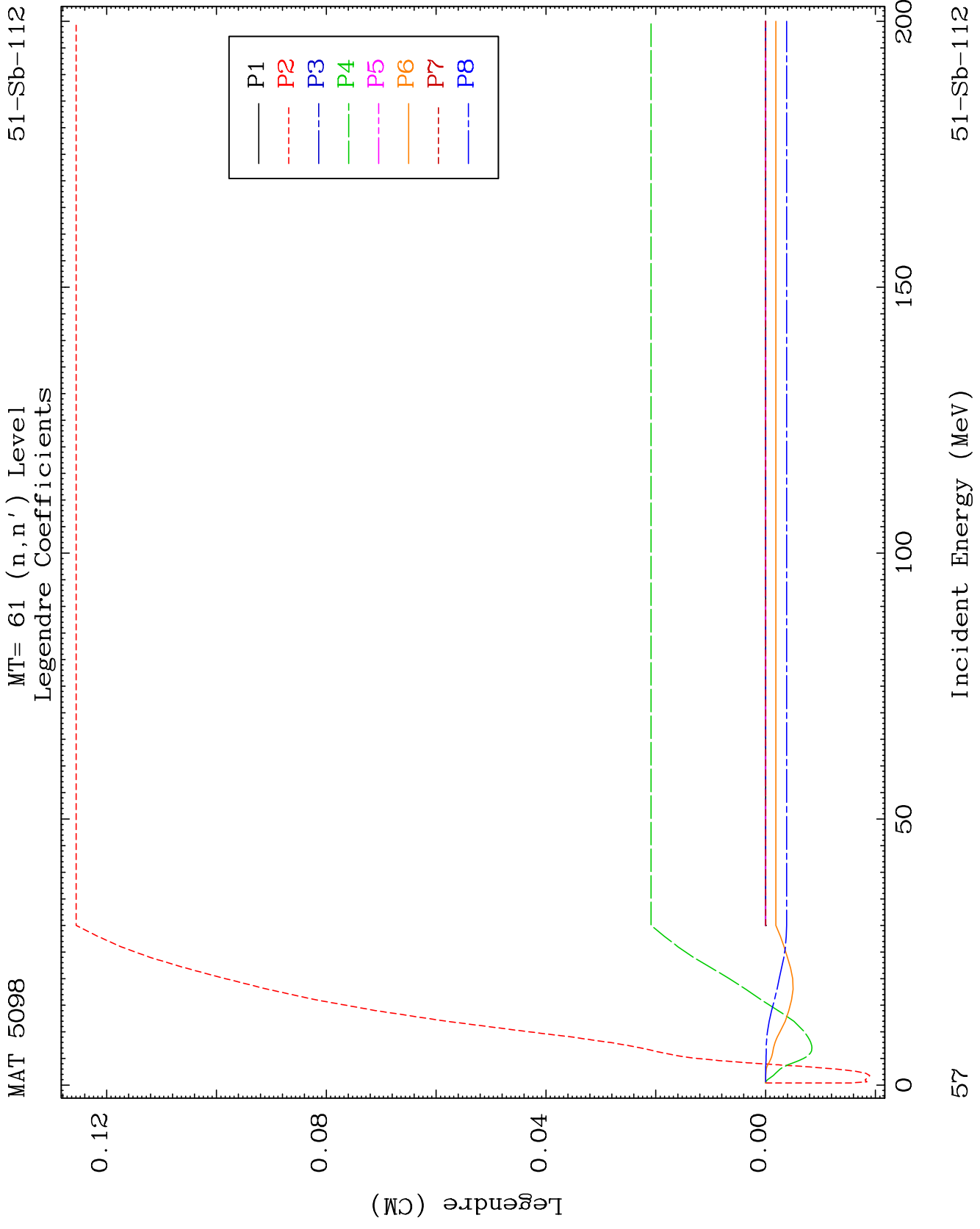
51-Sb-112

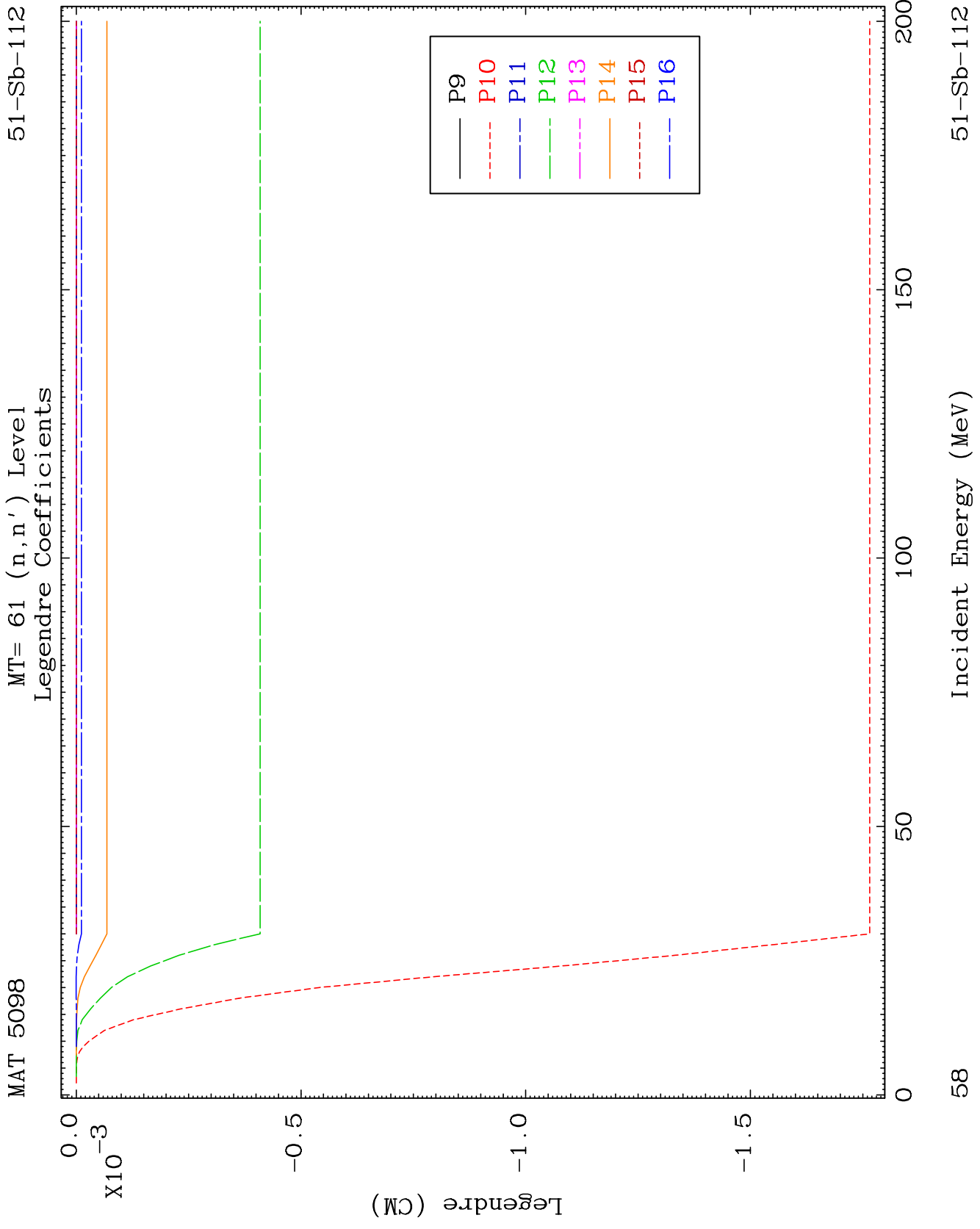


56

Incident Energy (MeV)

51-Sb-112

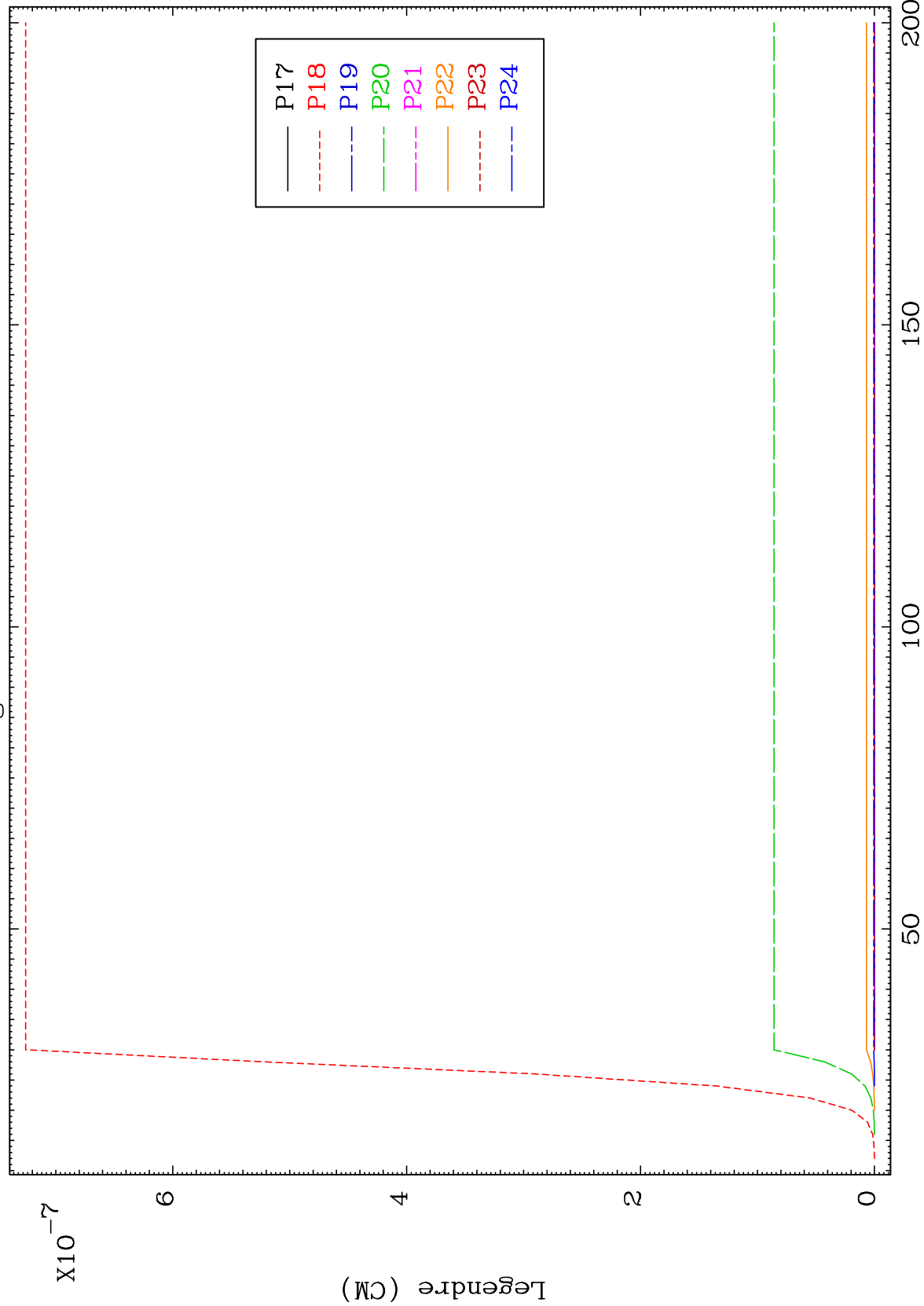




MAT 5098

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

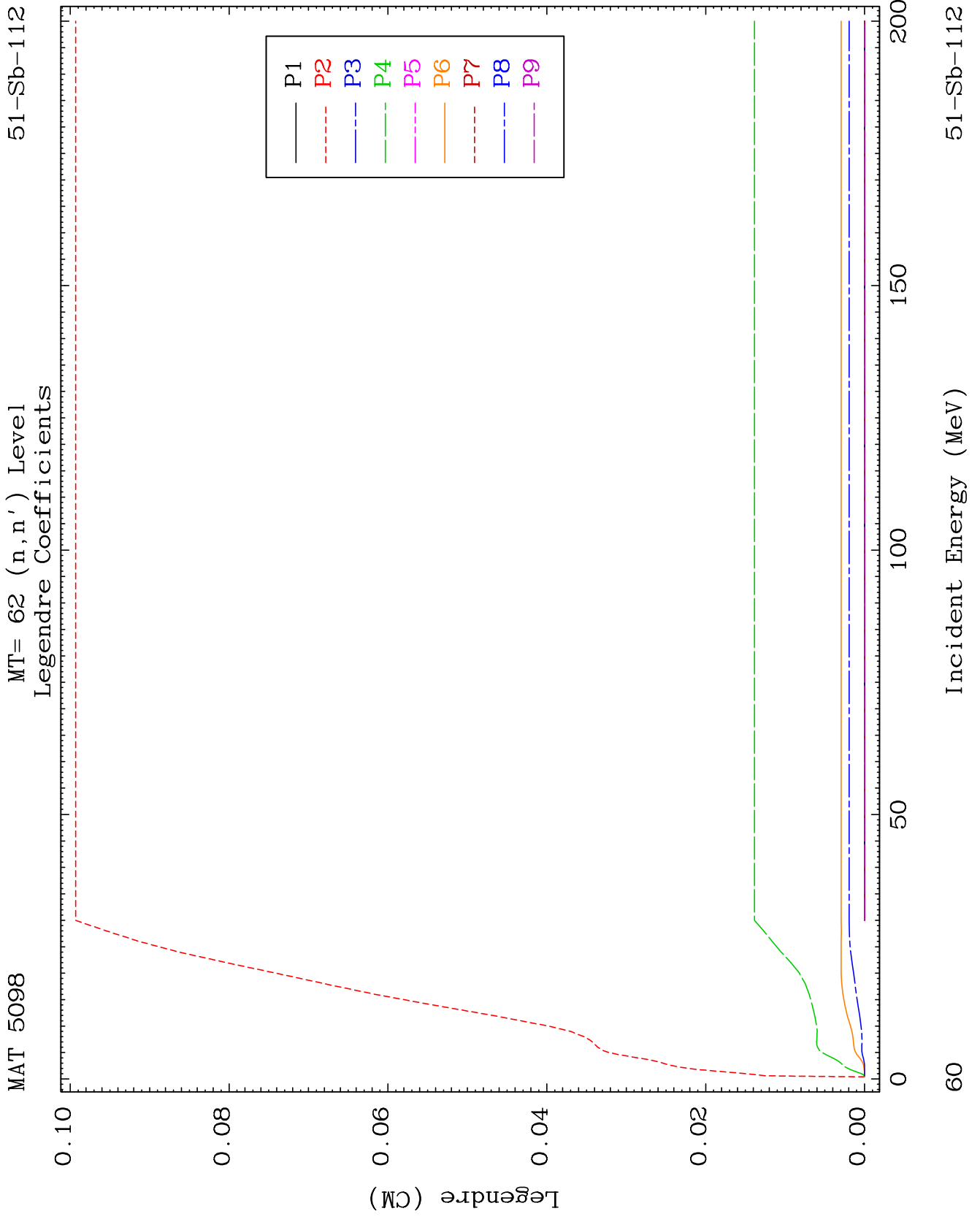
51-Sb-112



51-Sb-112

Incident Energy (MeV)

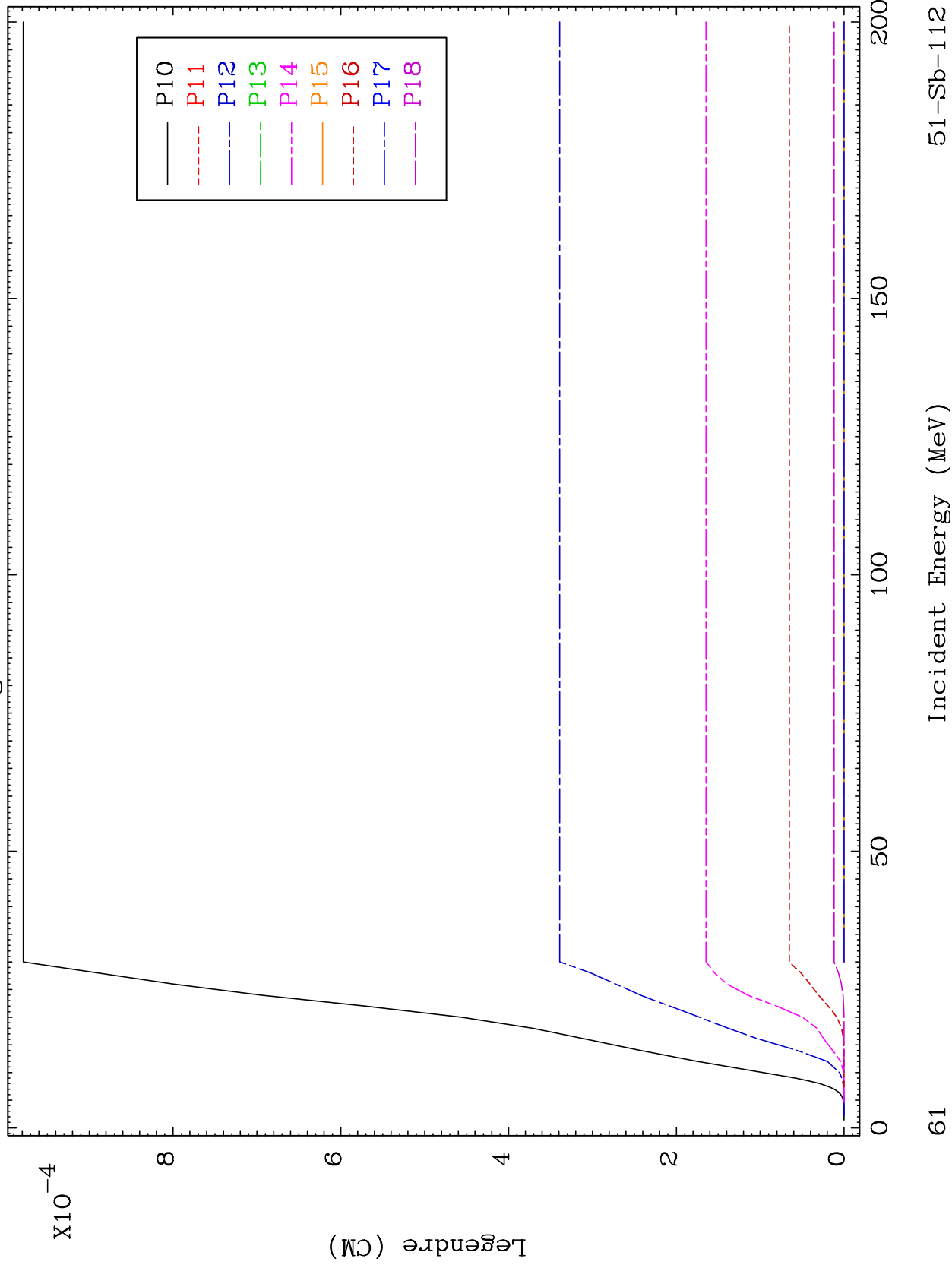
59

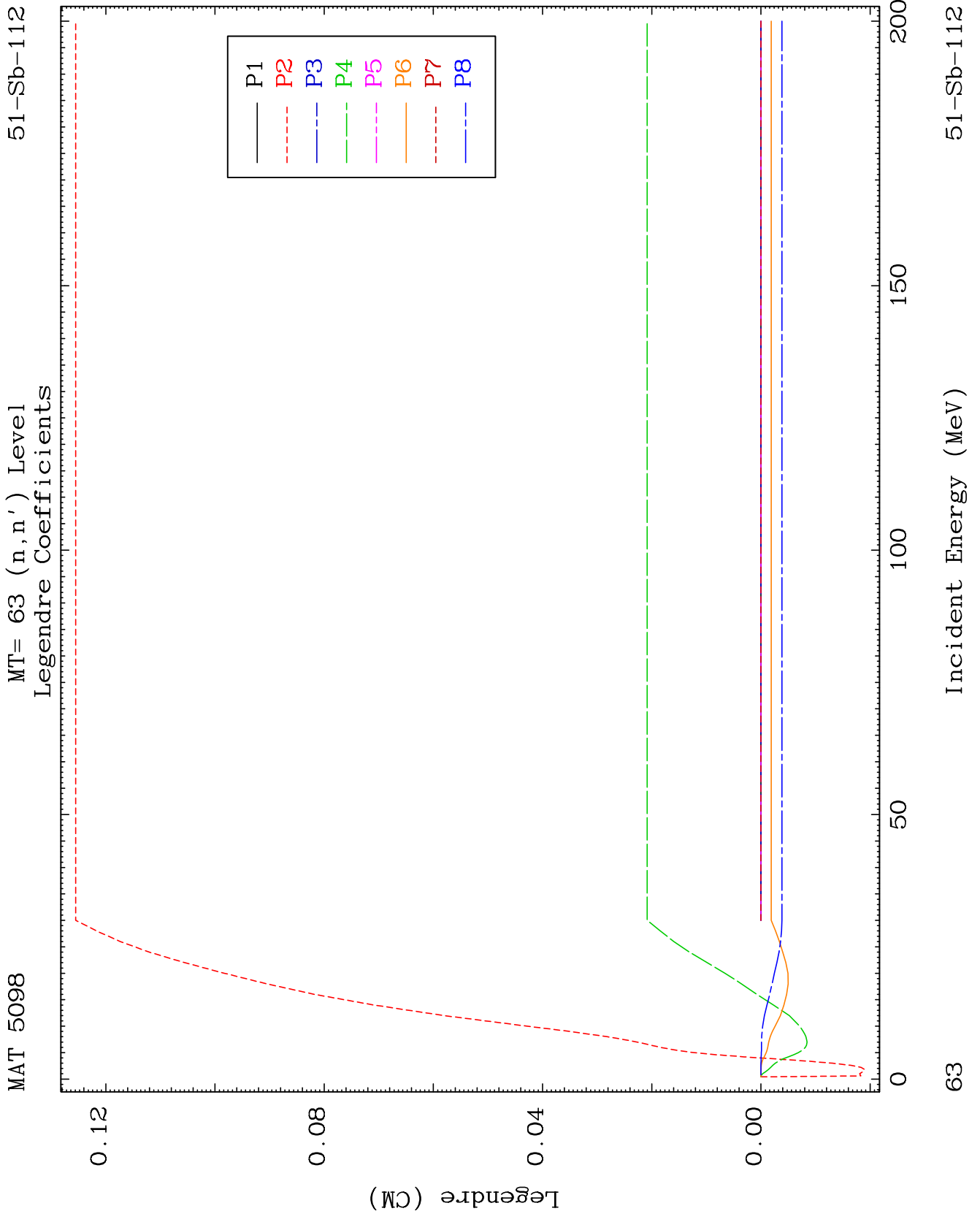


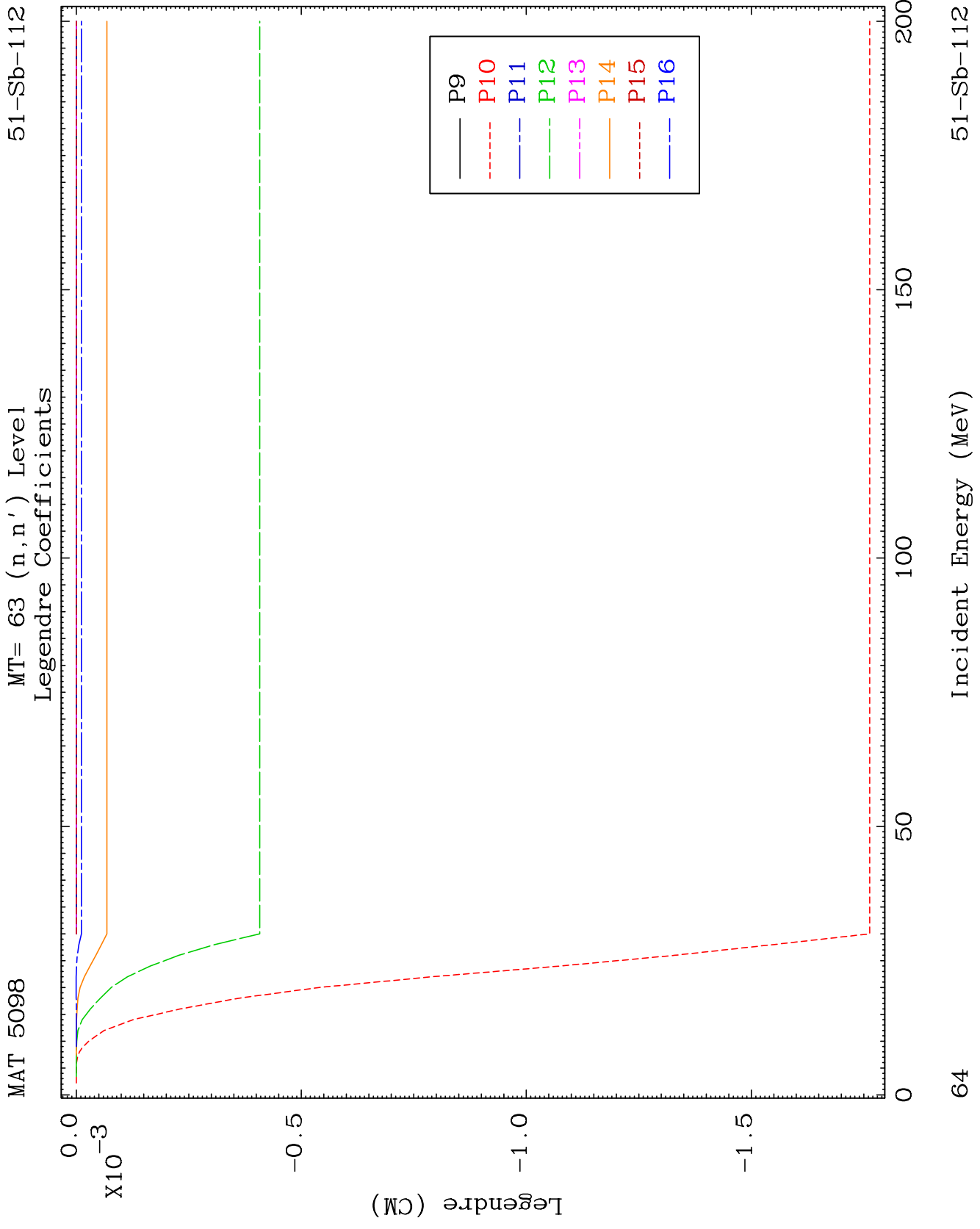
MAT 5098

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

51-Sb-112



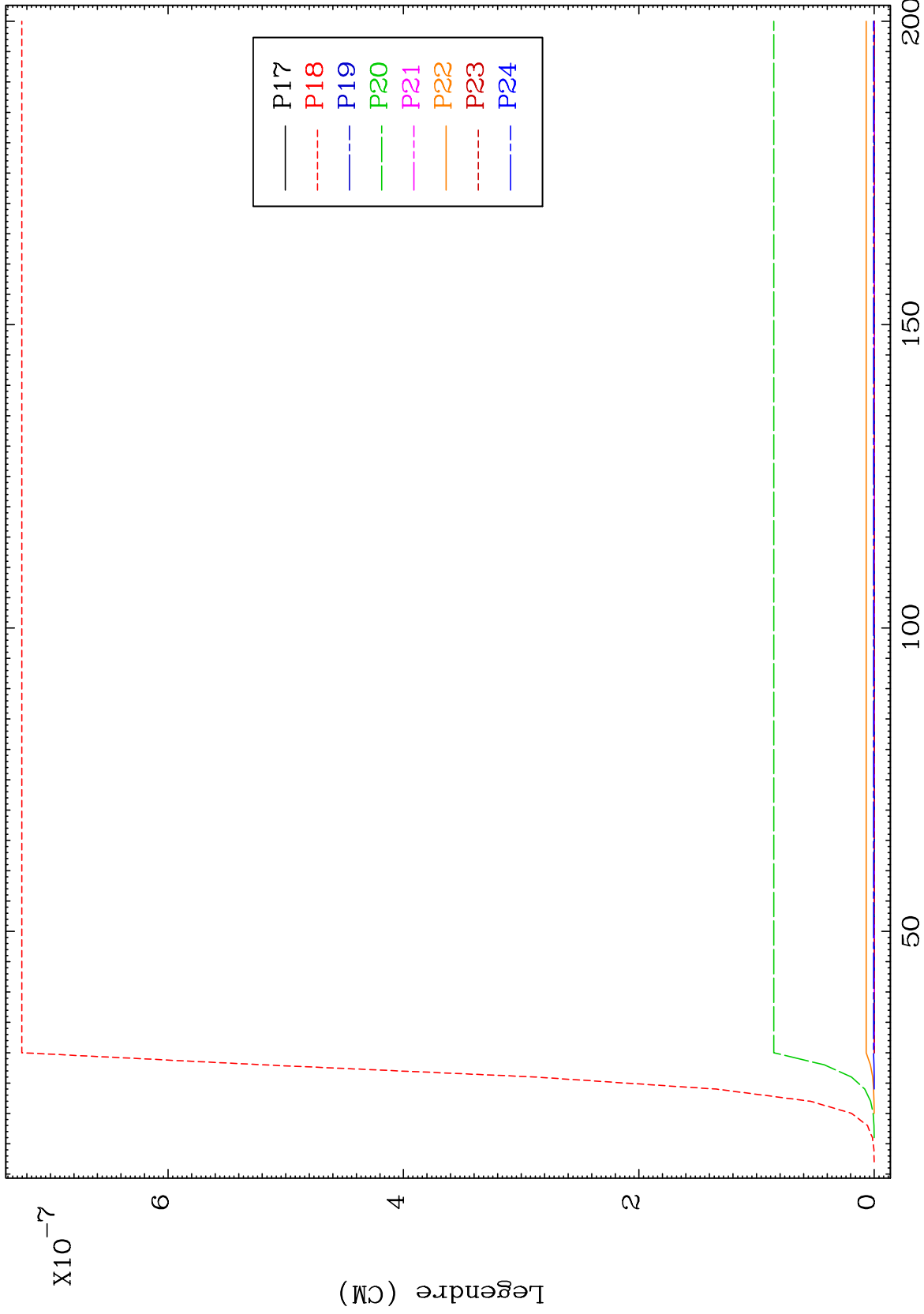




MAT 5098

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

51-Sb-112



65

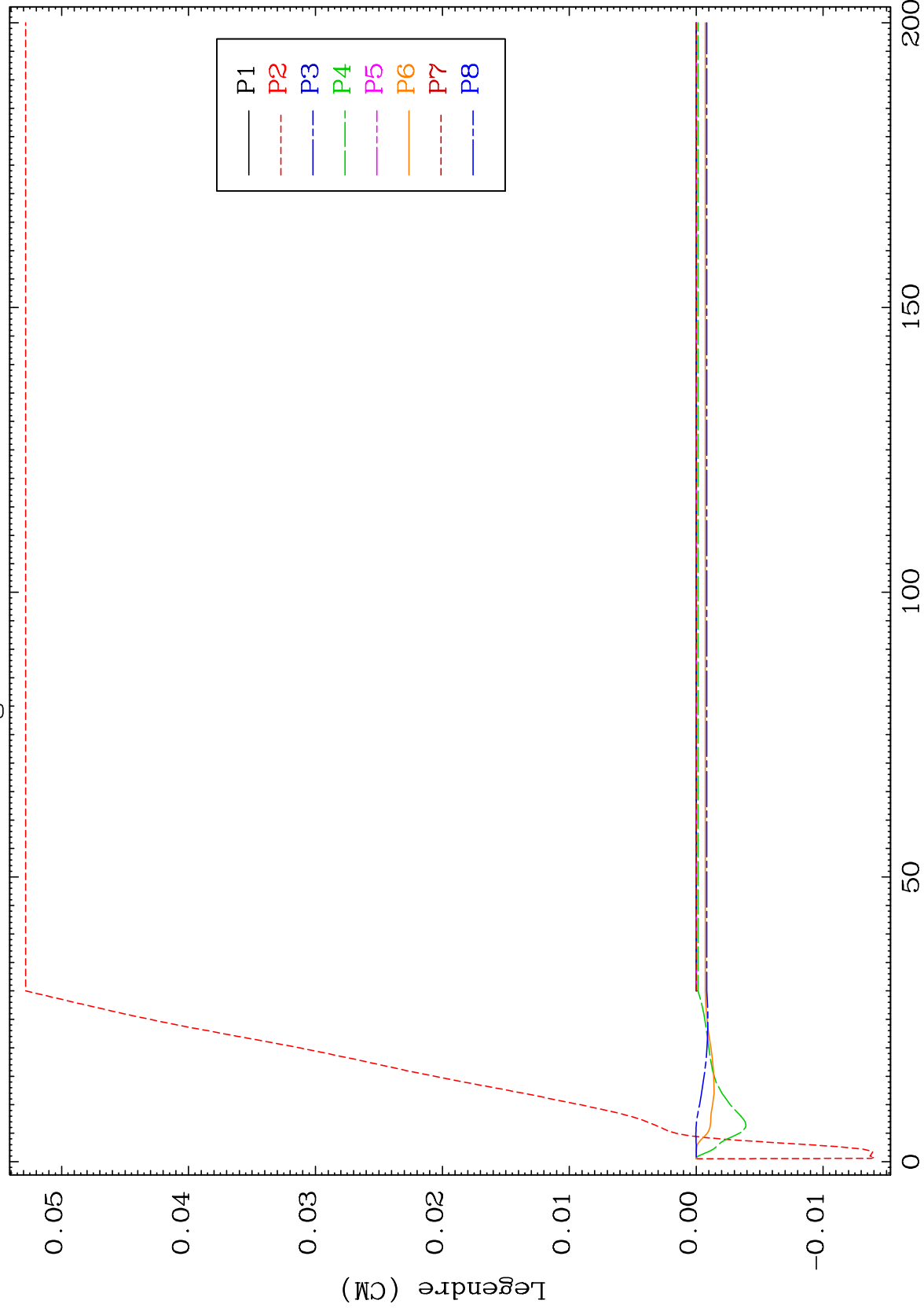
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



66

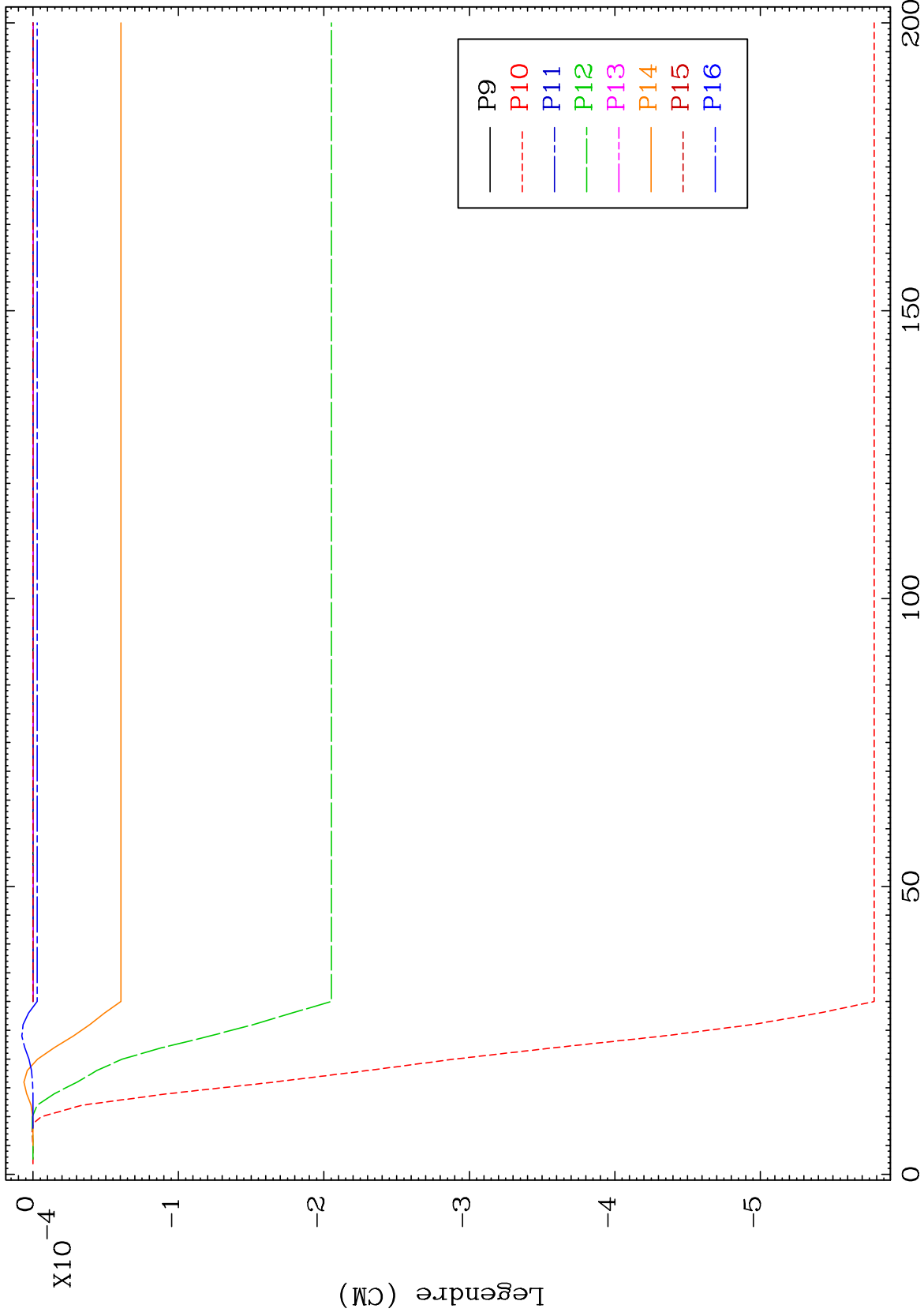
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

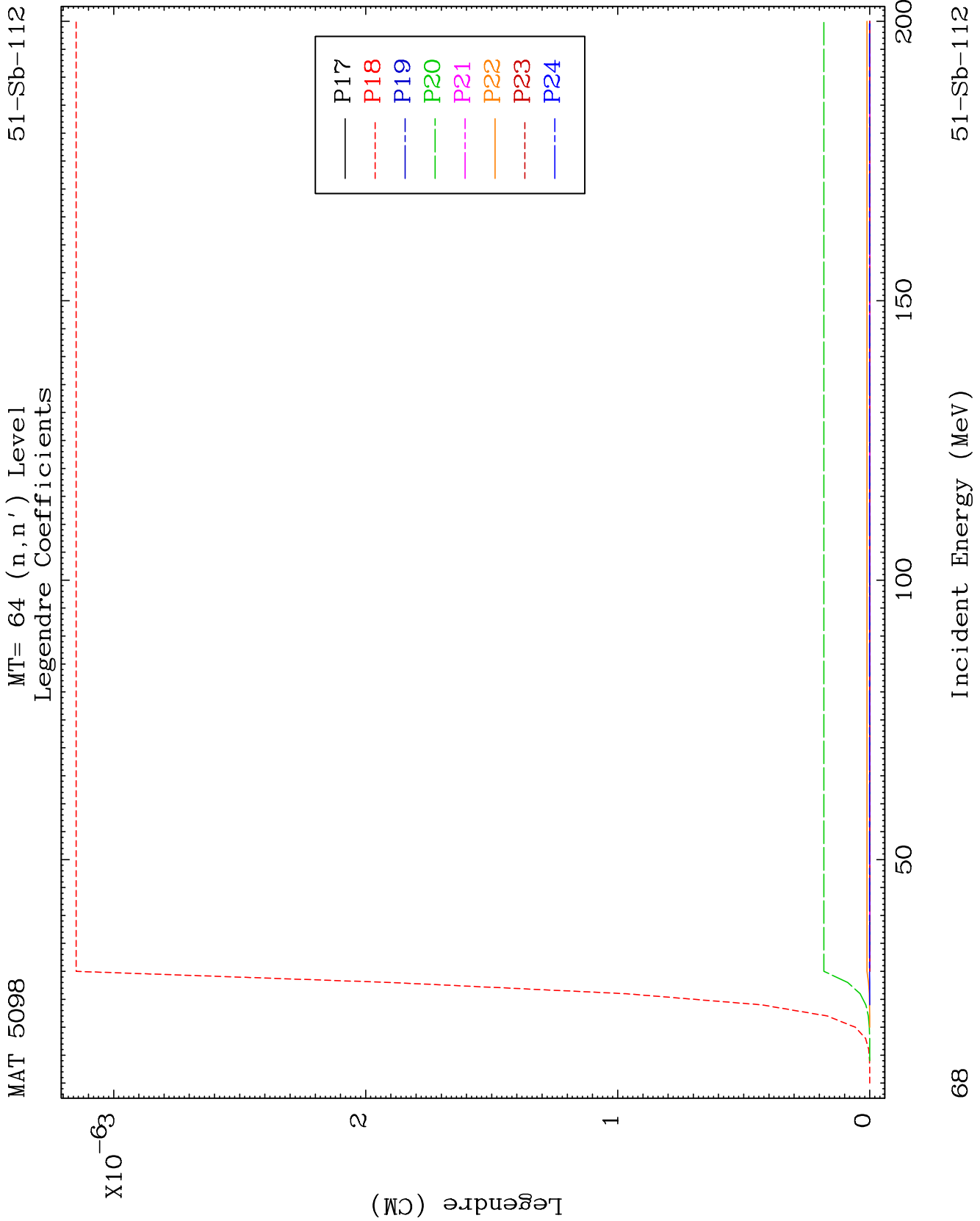
51-Sb-112



67

Incident Energy (MeV)

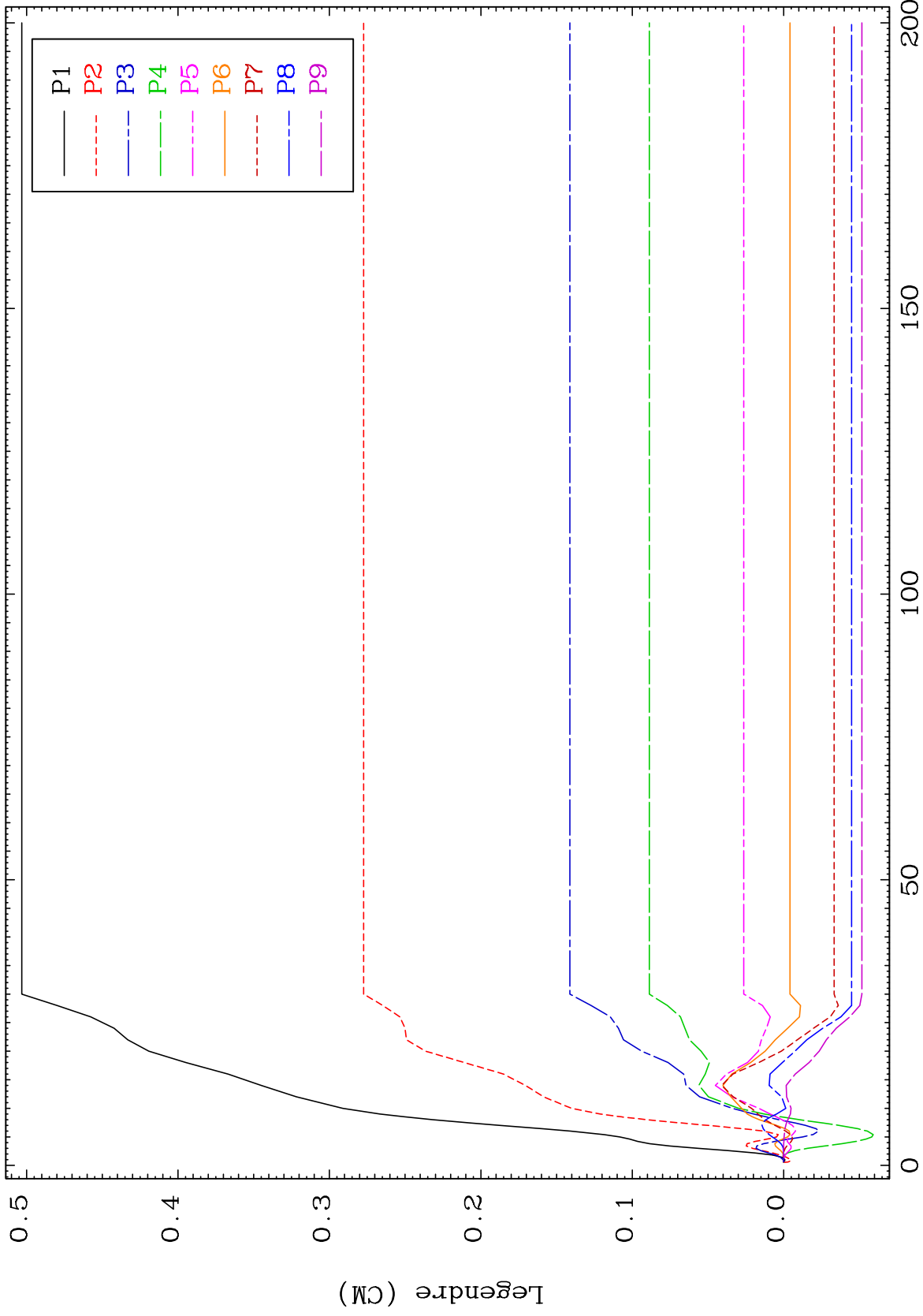
51-Sb-112



MAT 5098

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

51-Sb-112



69

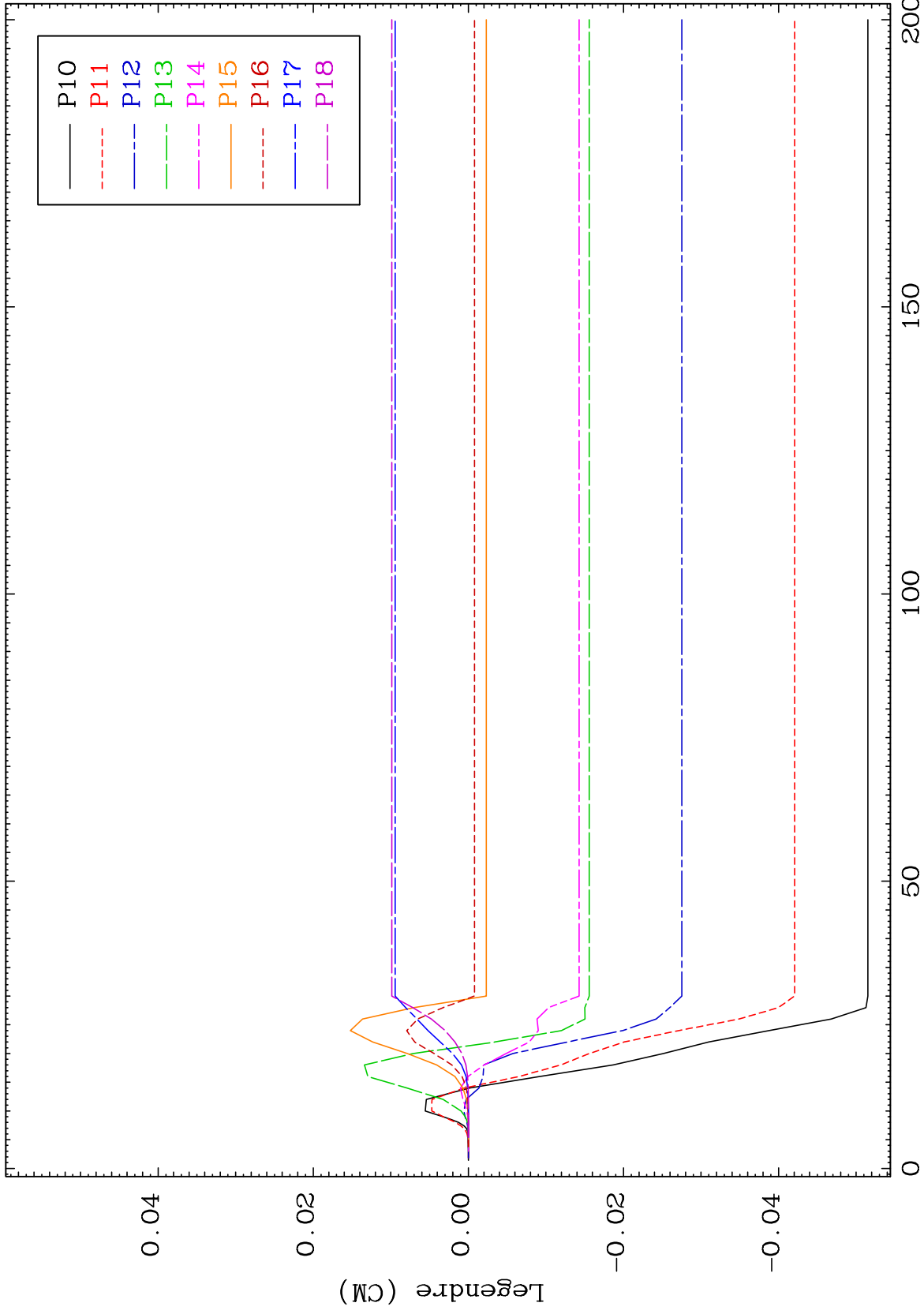
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



70

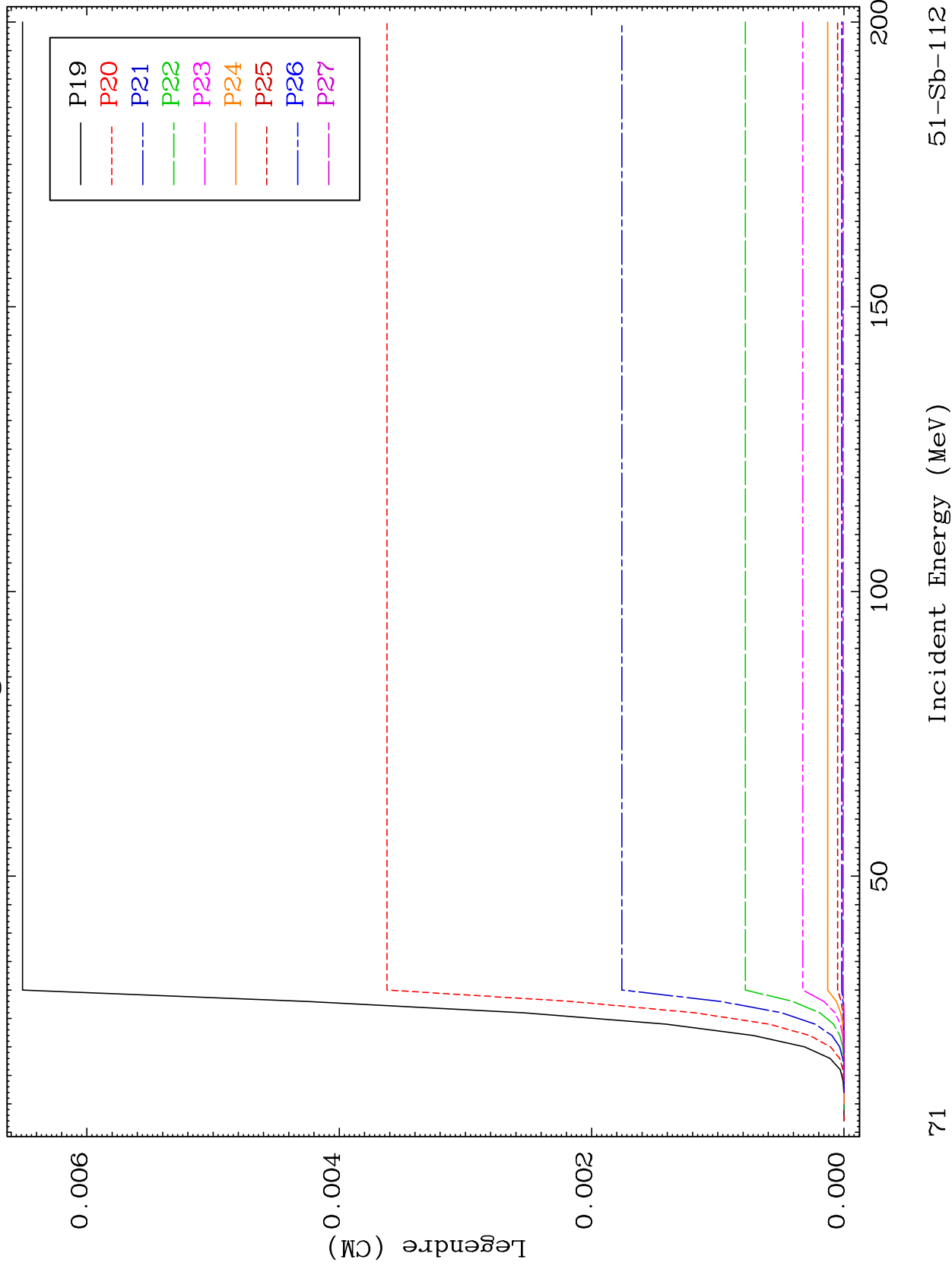
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



71

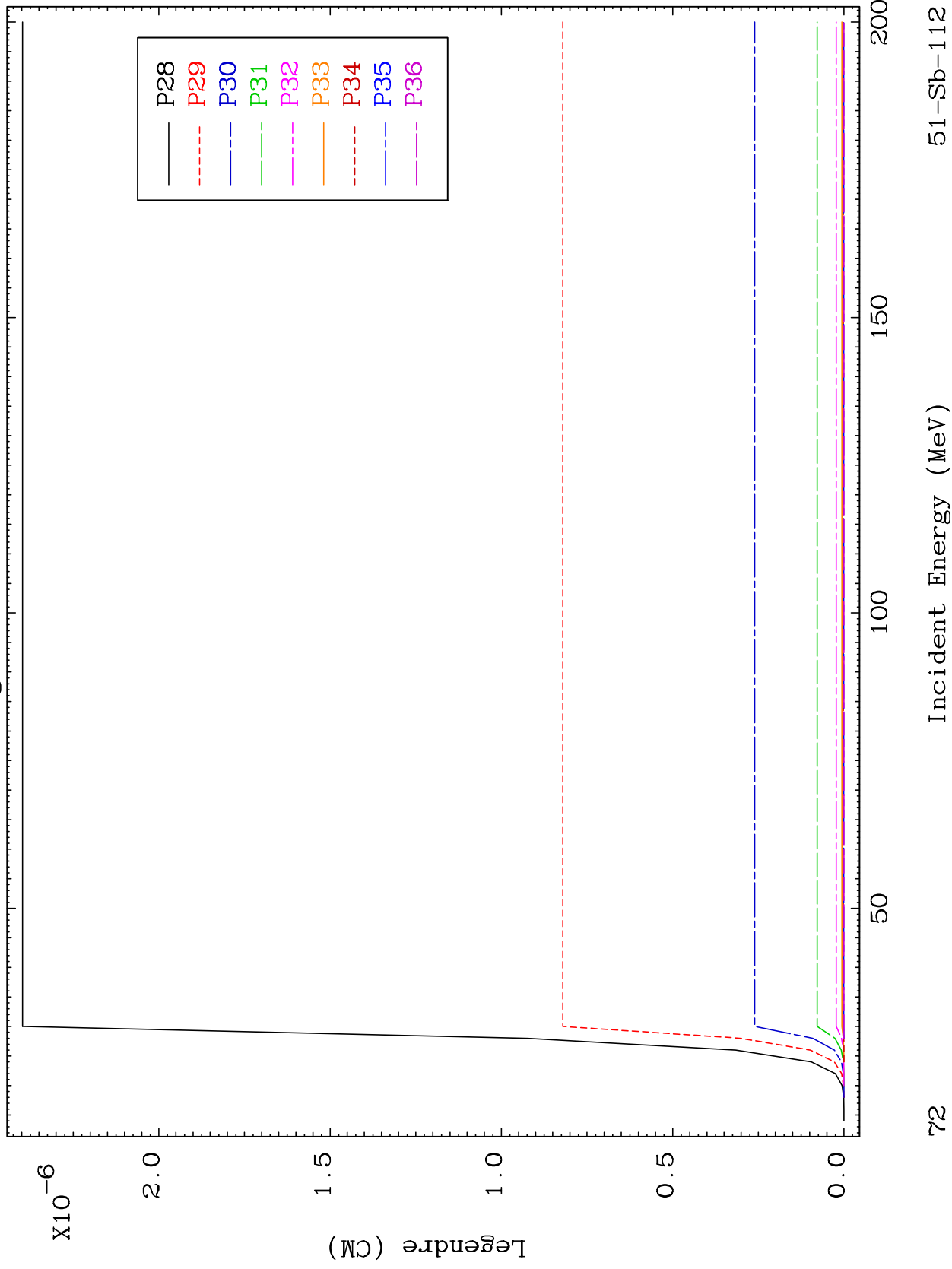
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

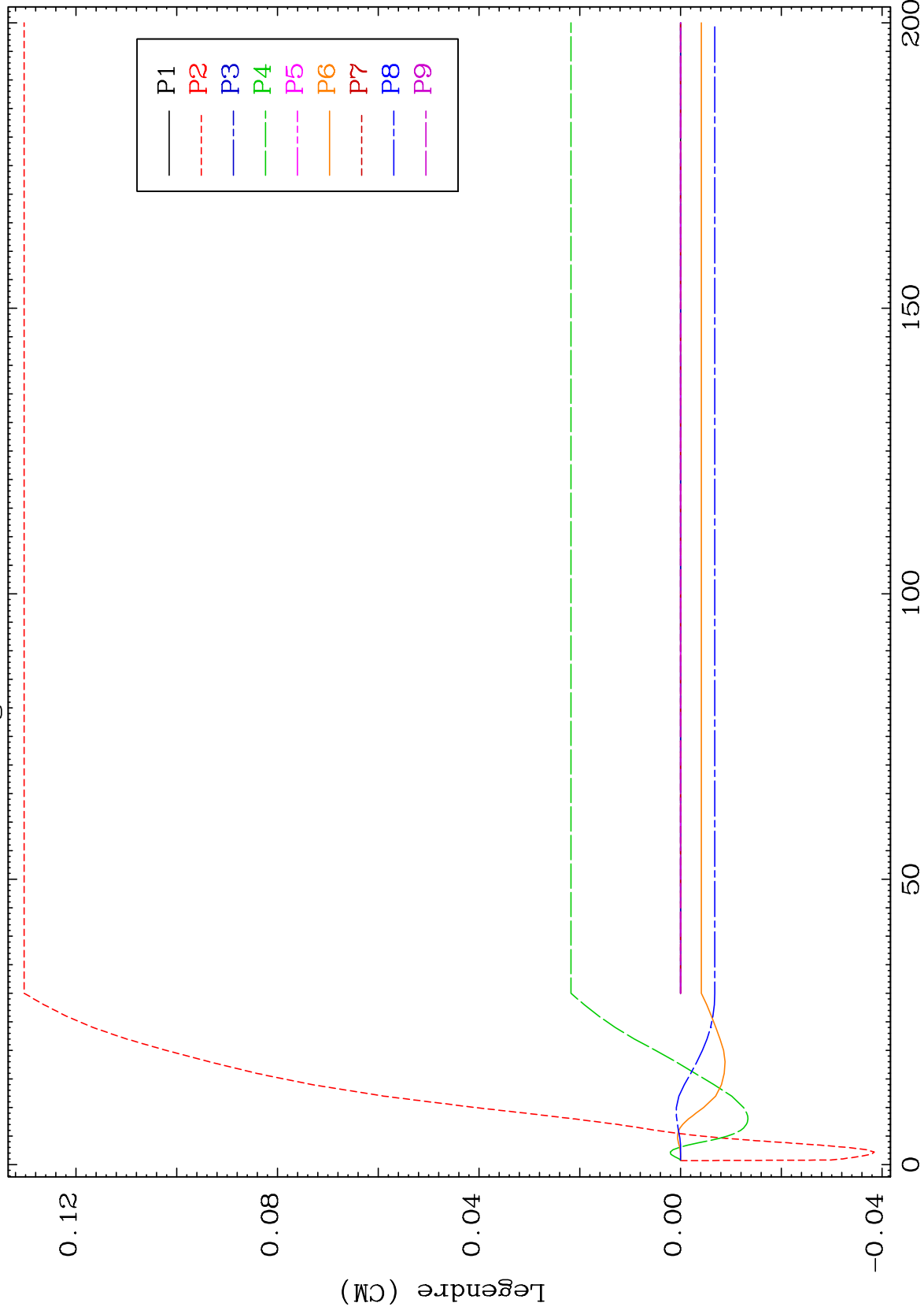
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

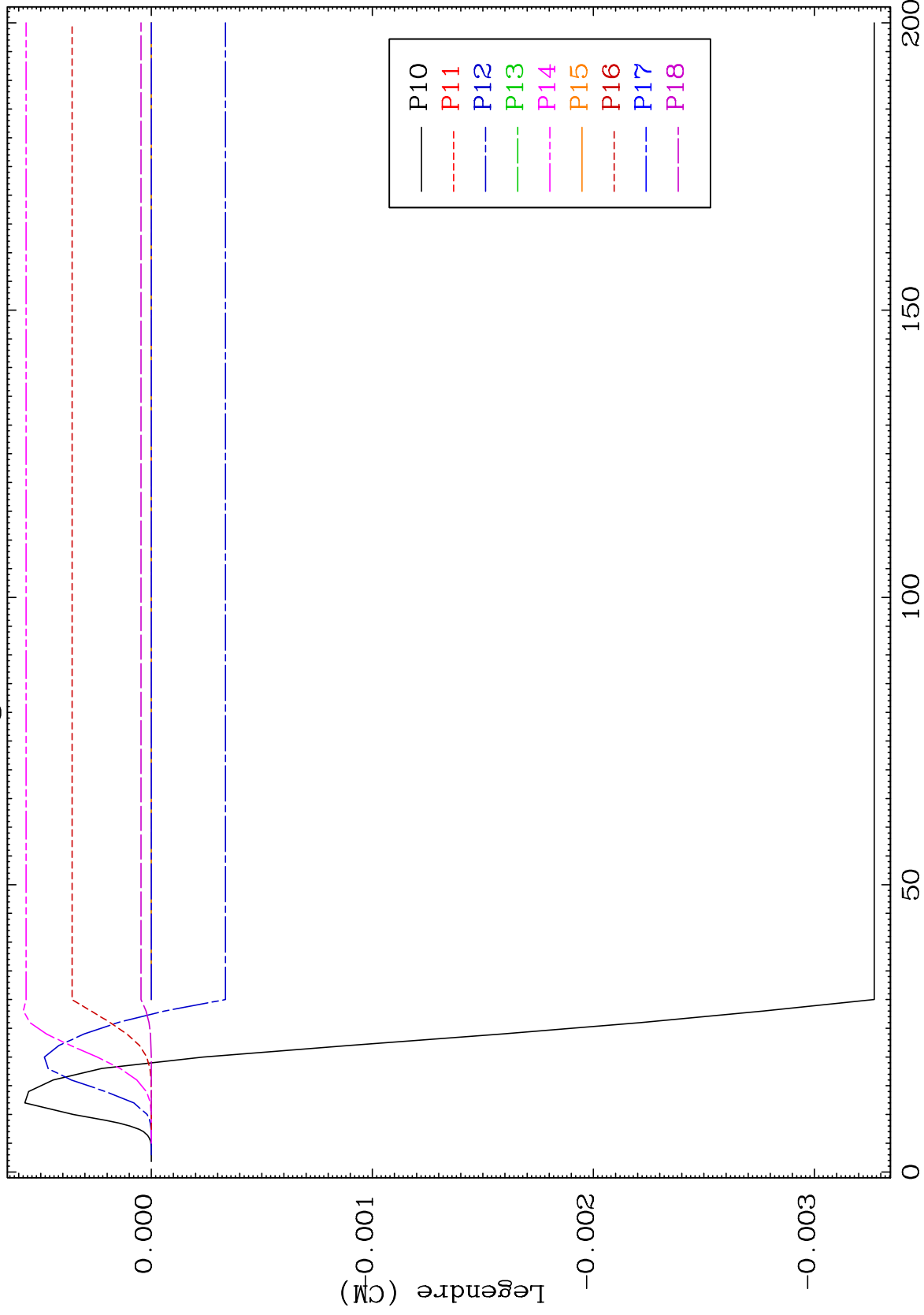
Incident Energy (MeV)

73

MAT 5098

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

51-Sb-112



74

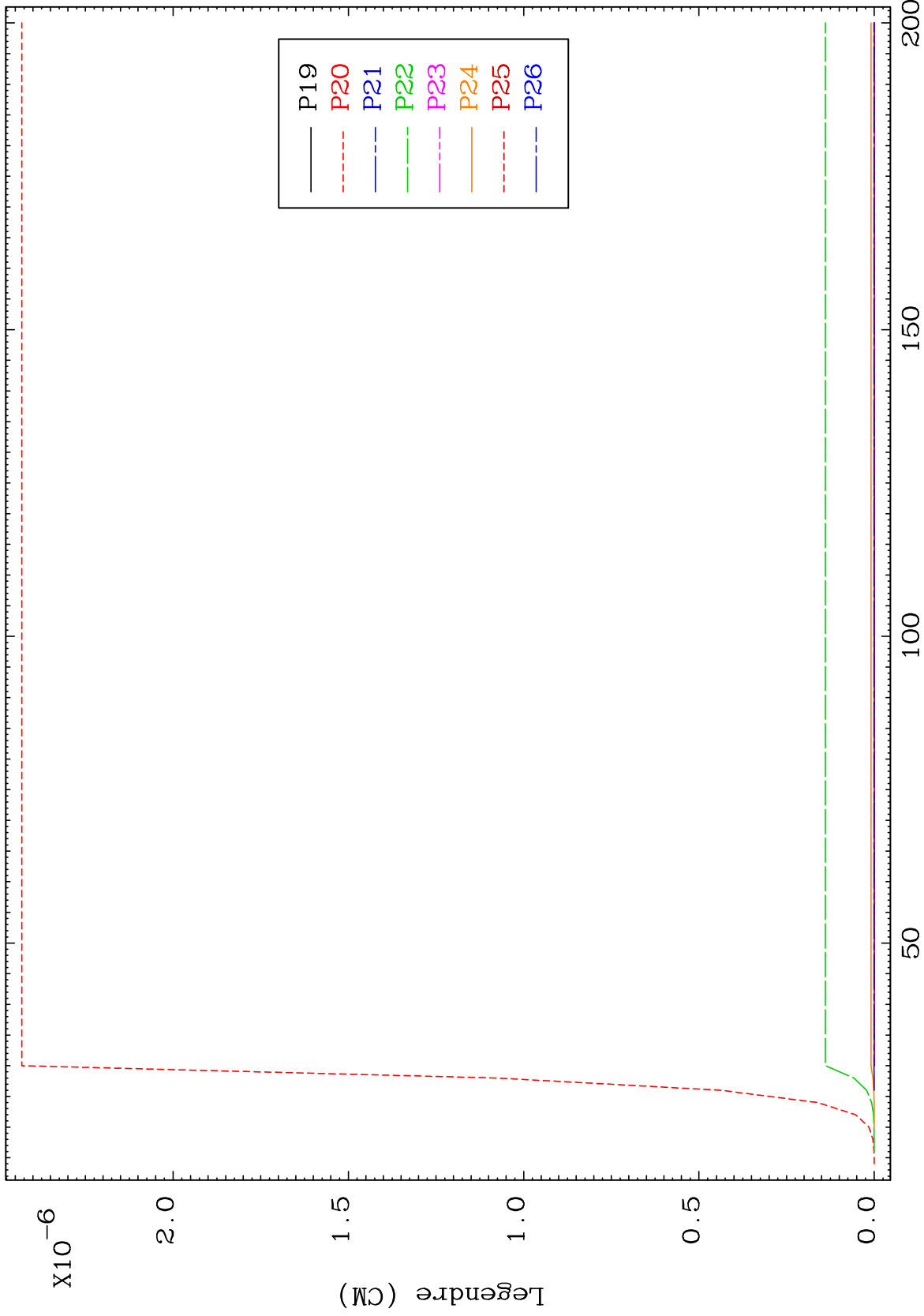
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



75

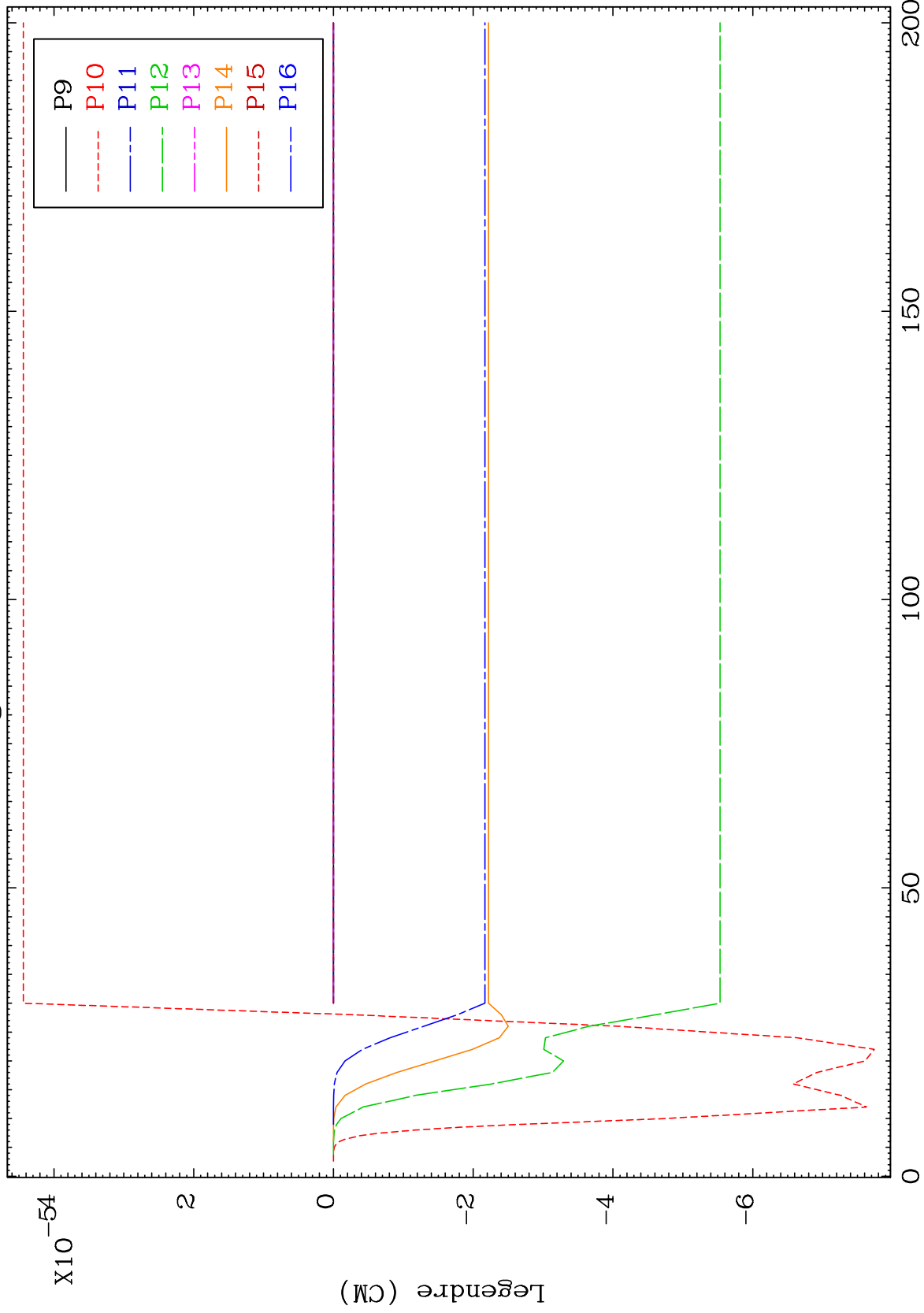
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



77

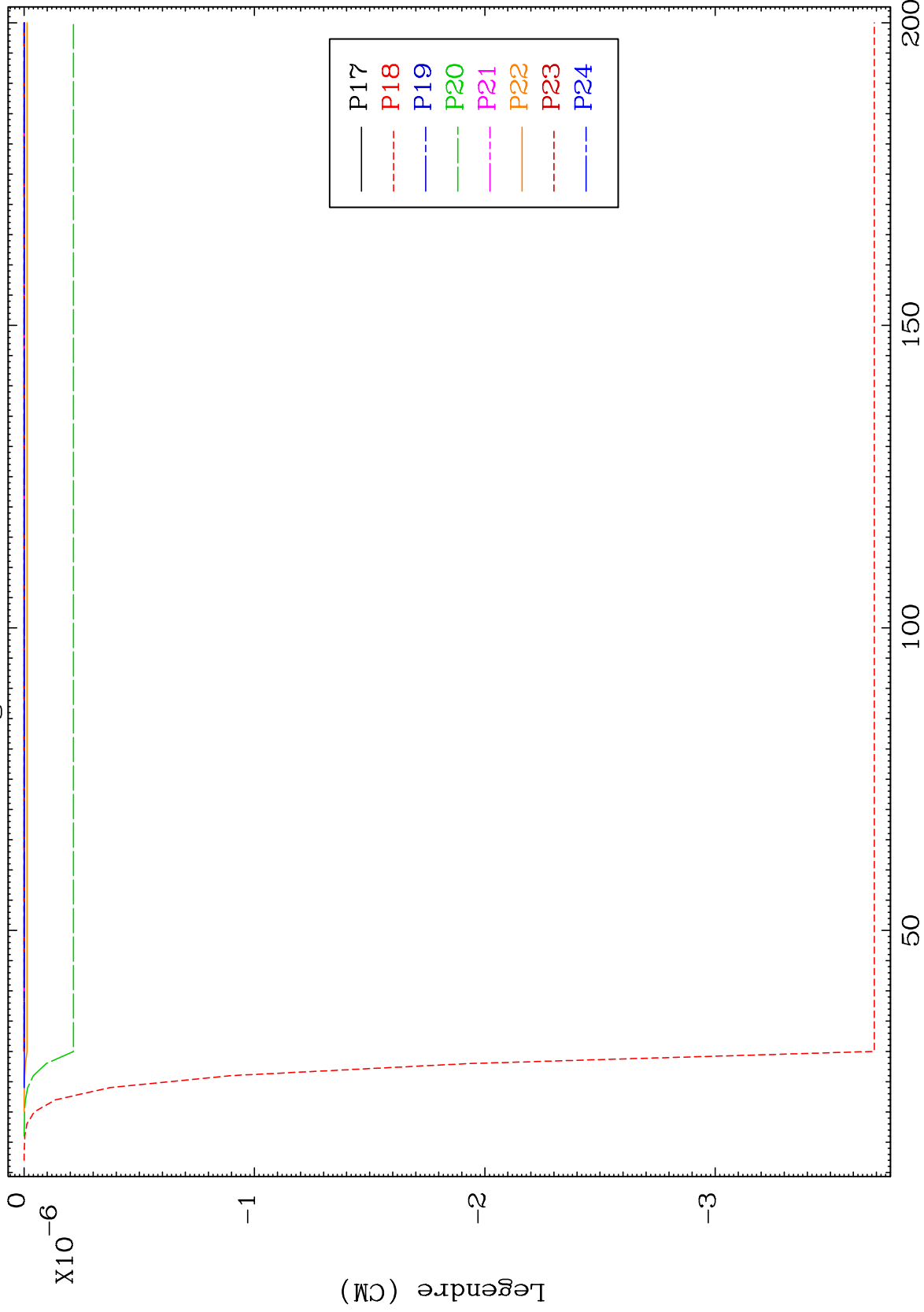
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



78

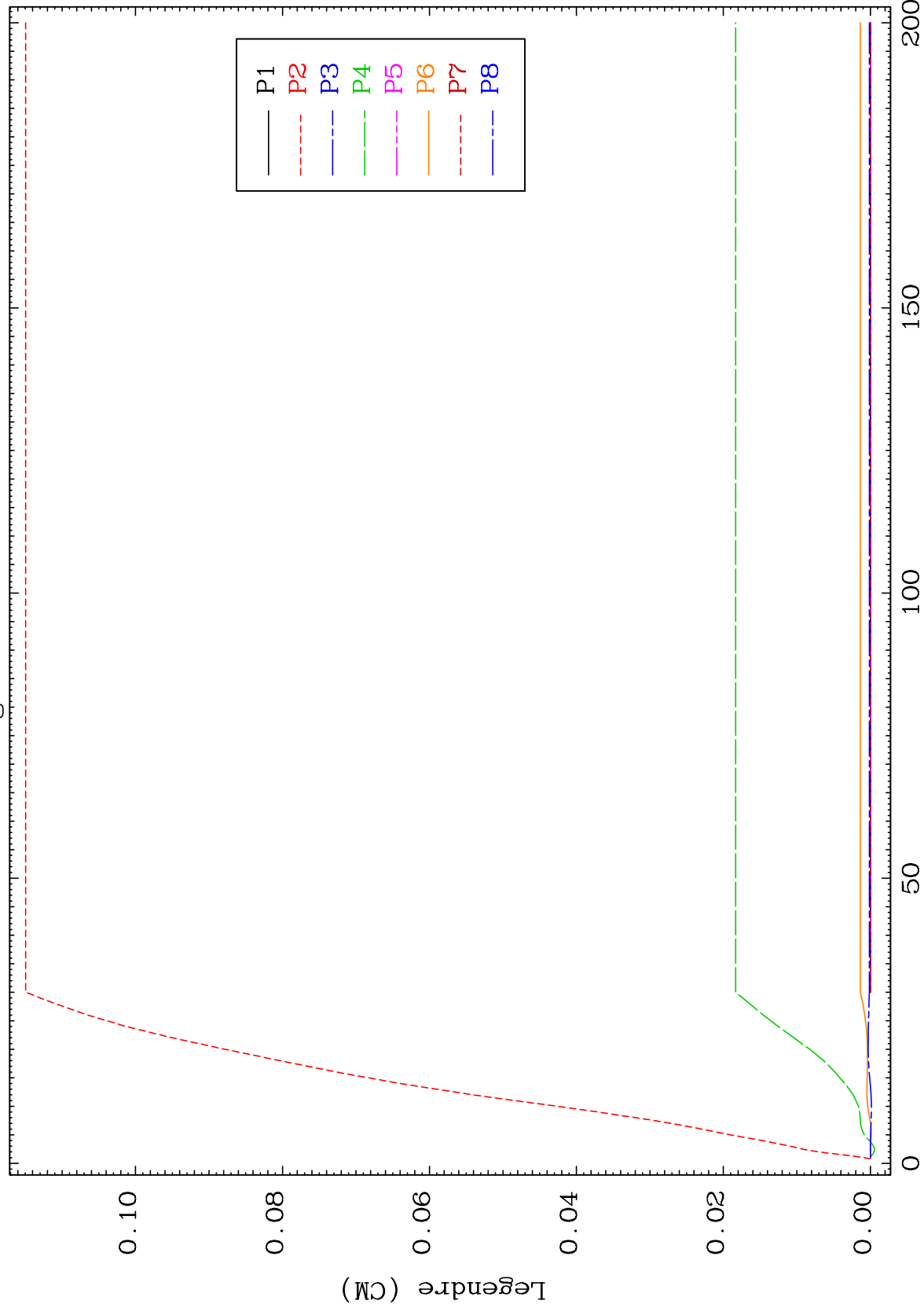
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

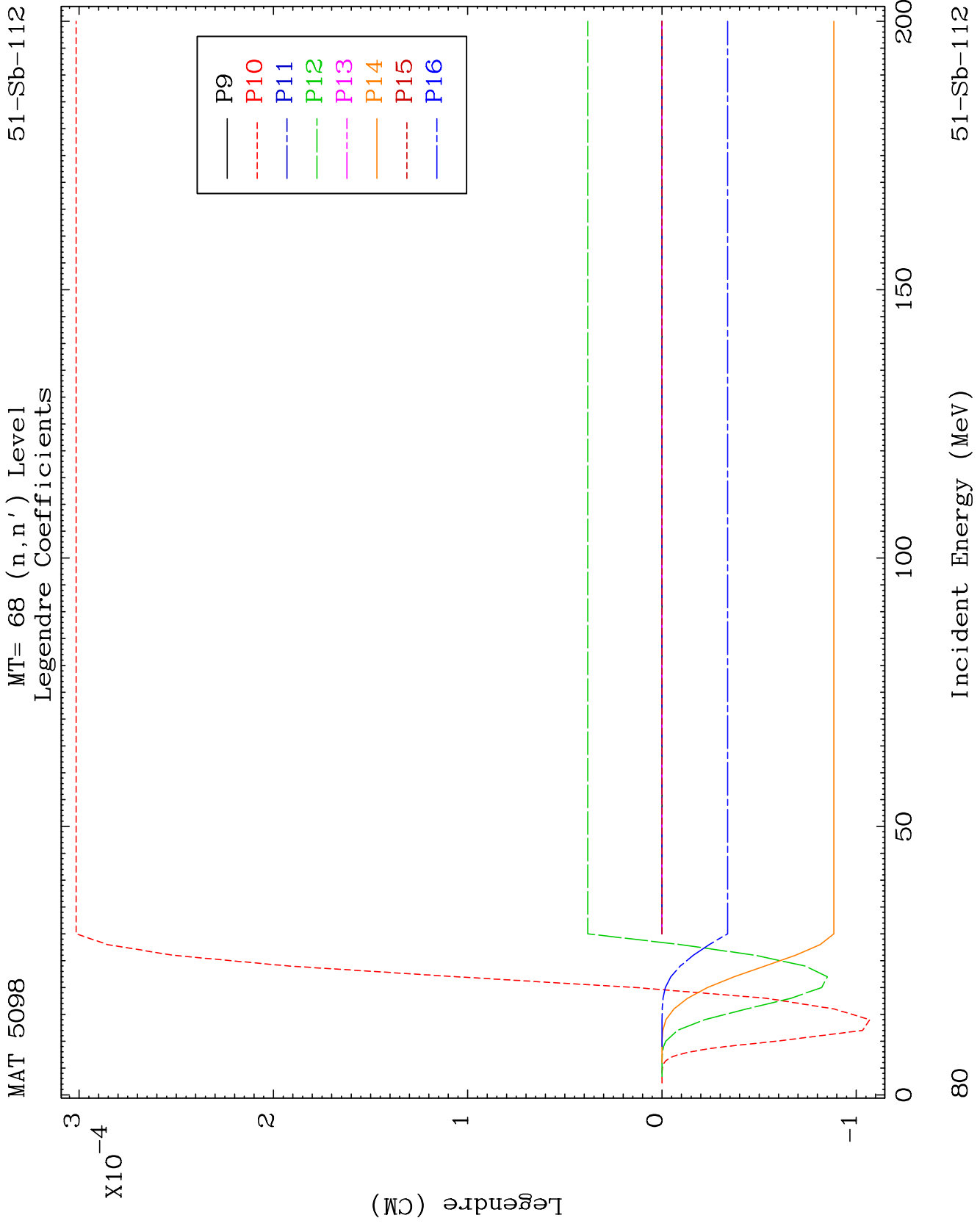
51-Sb-112



79

Incident Energy (MeV)

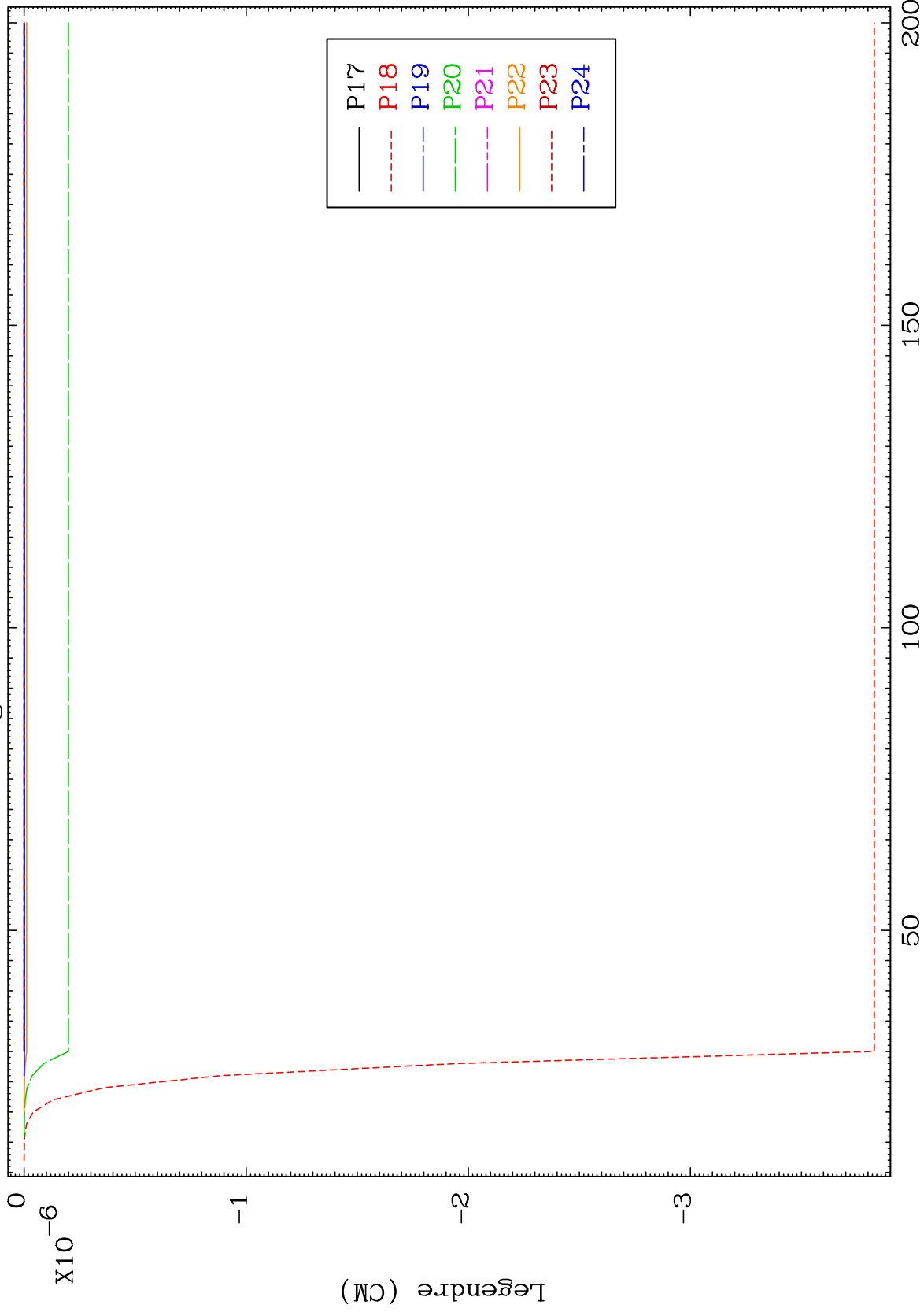
51-Sb-112



MAT 5098

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

51-Sb-112



81

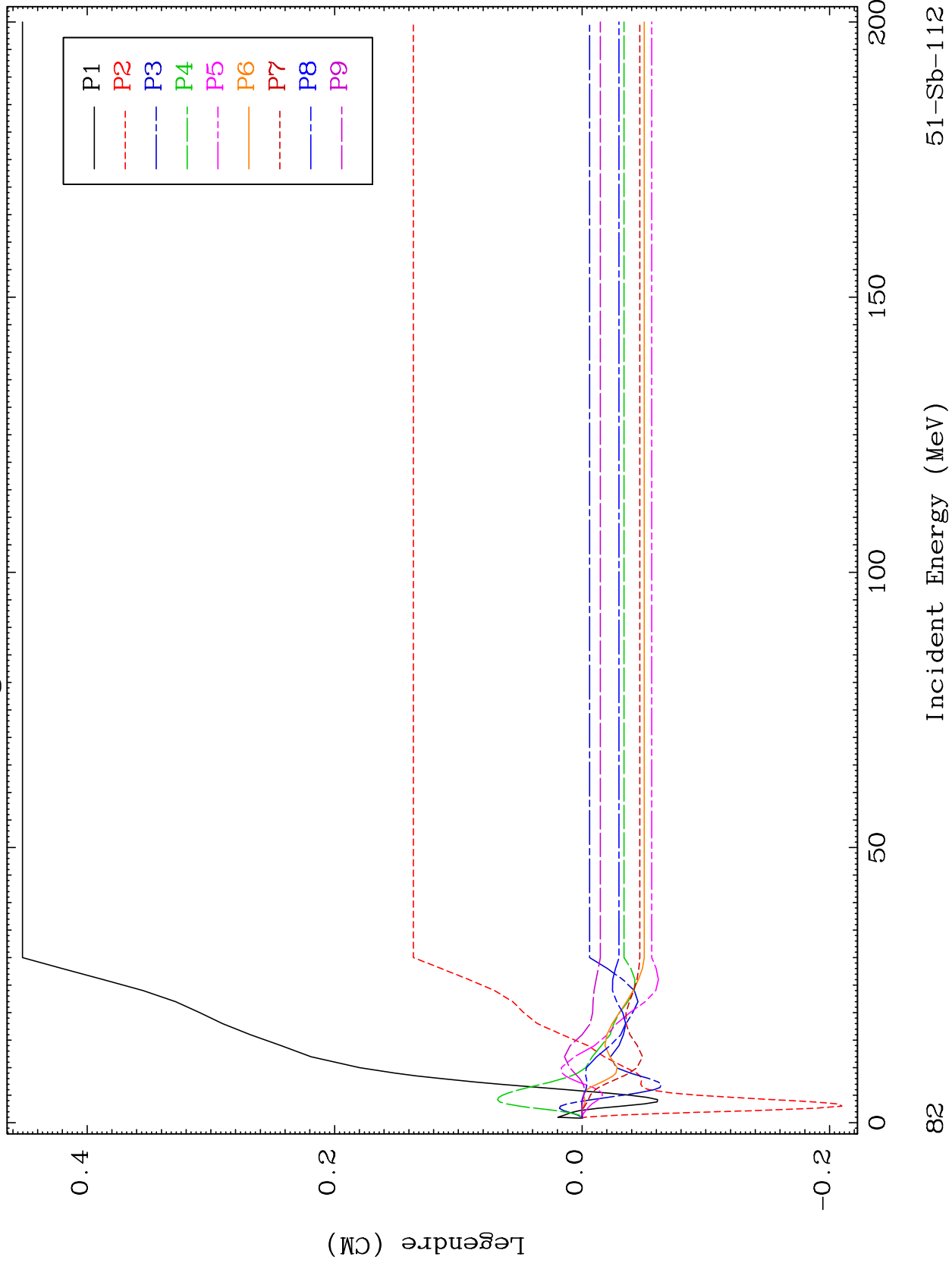
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

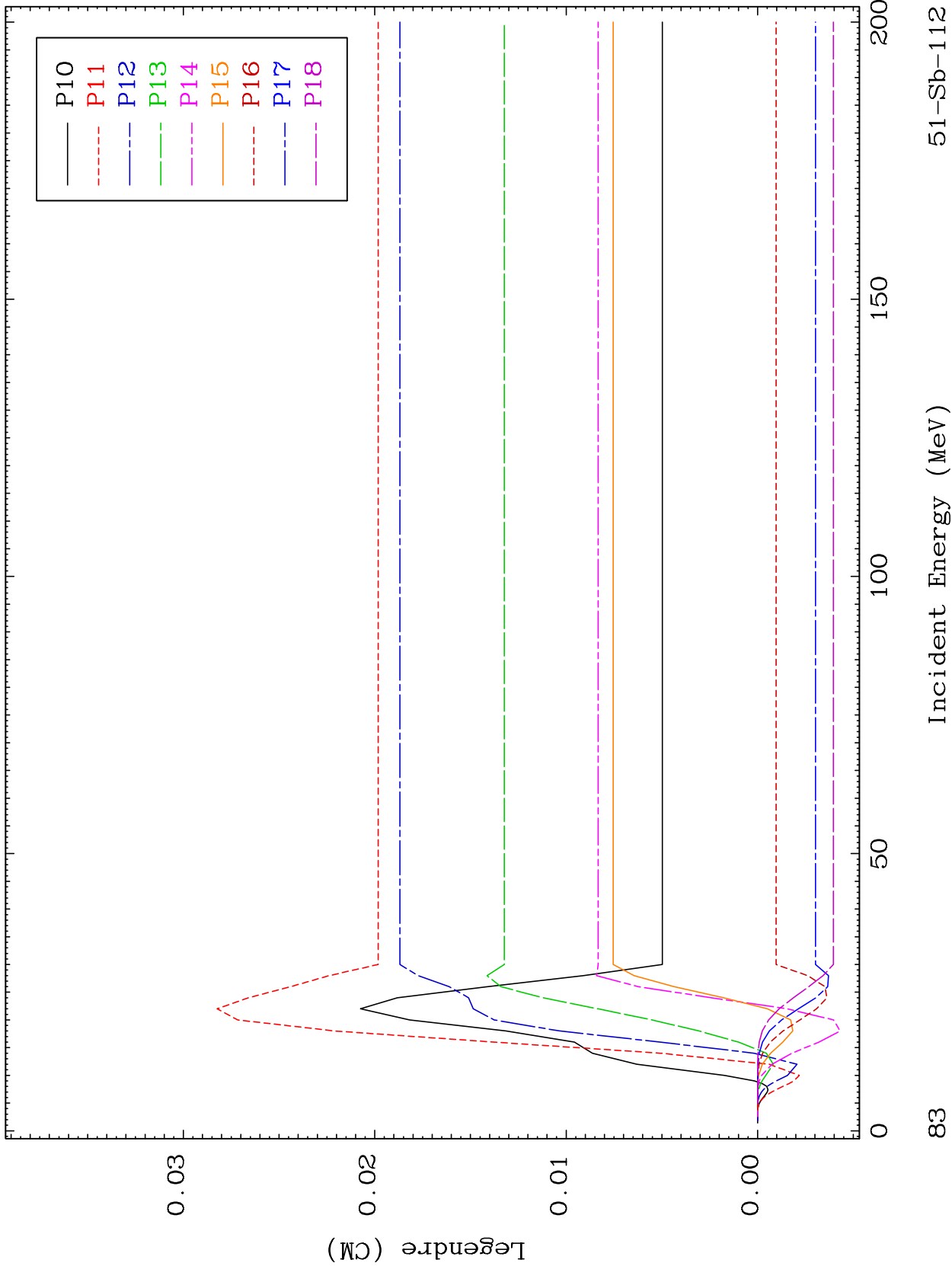
Incident Energy (MeV)

82

MAT 5098

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

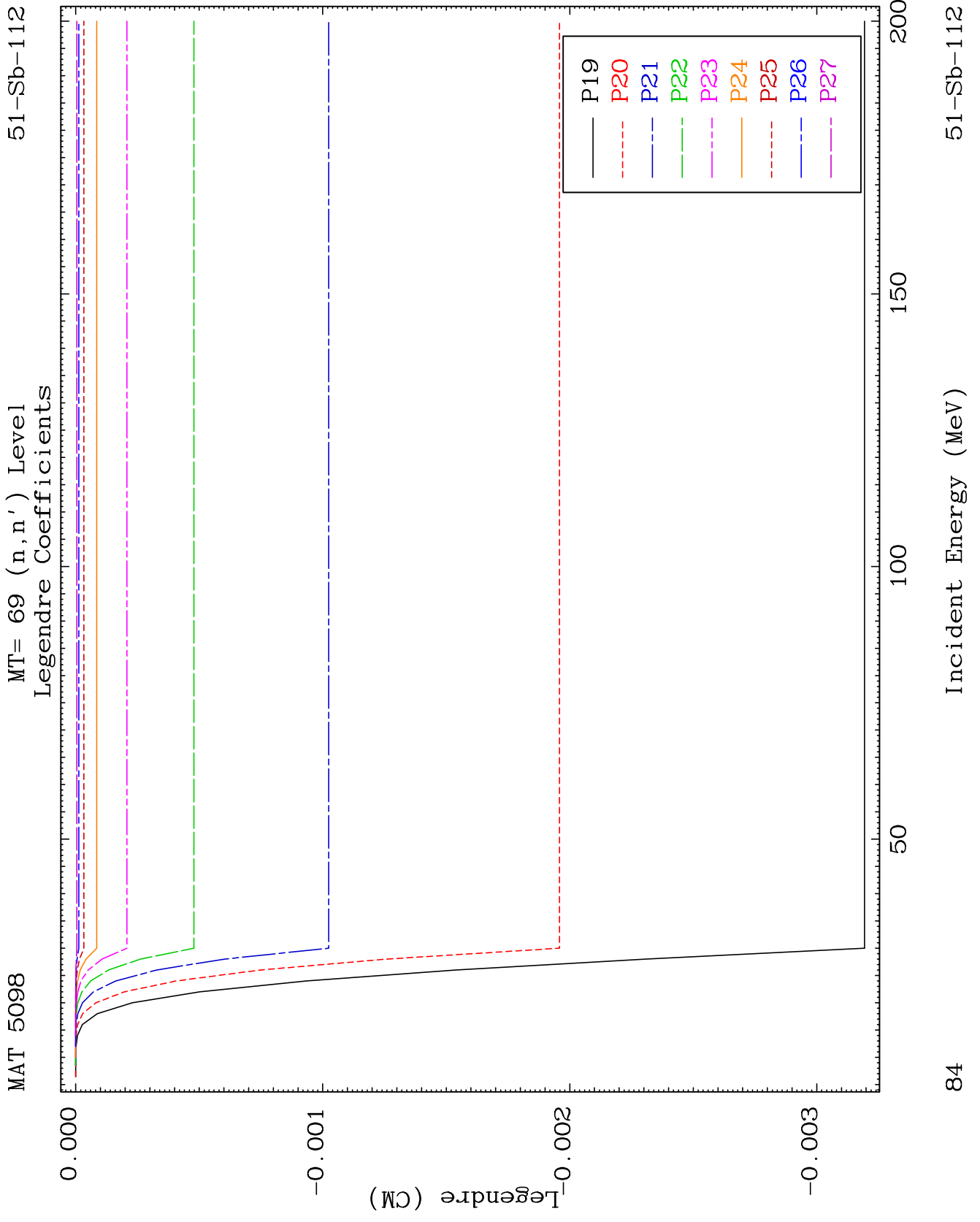
51-Sb-112

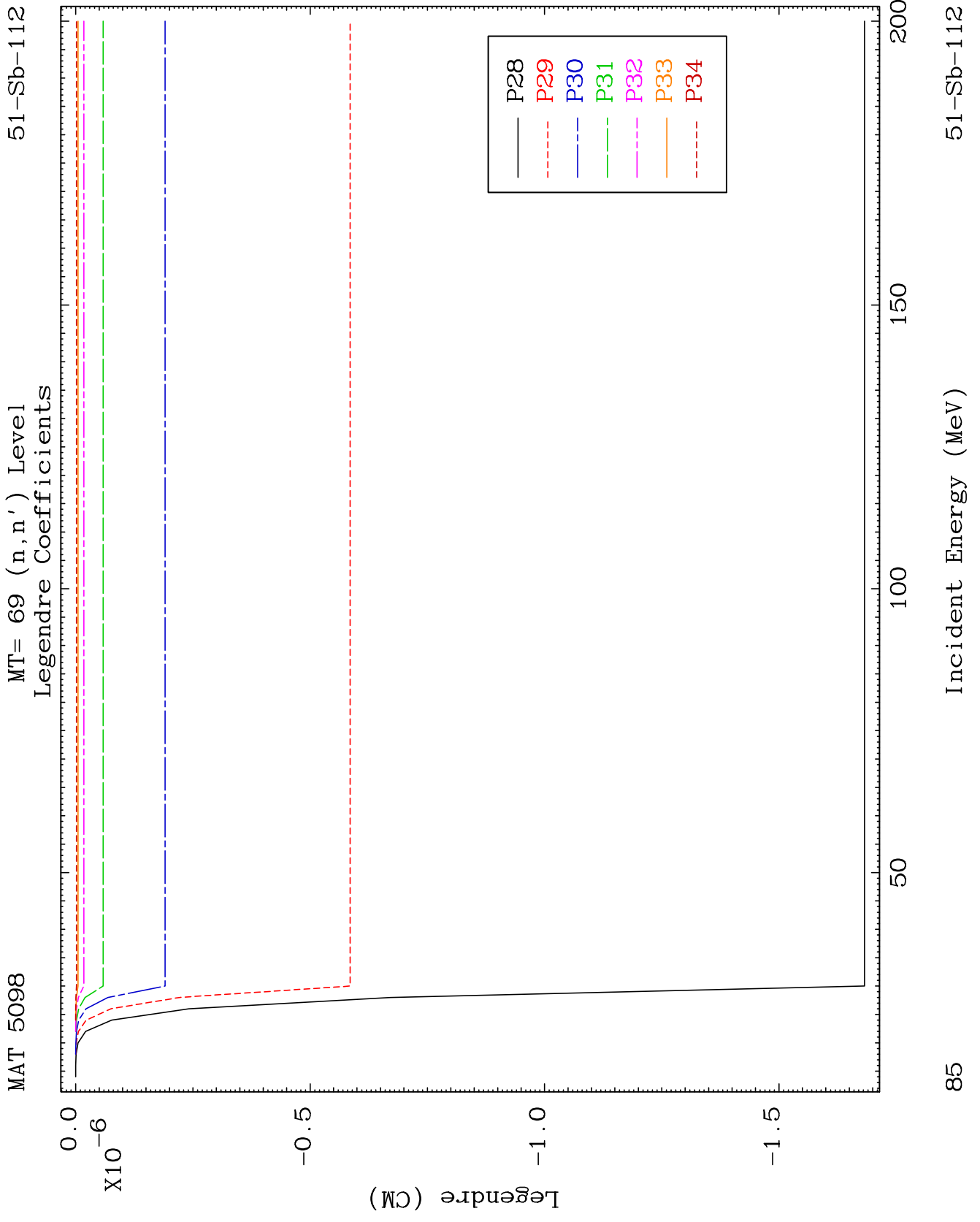


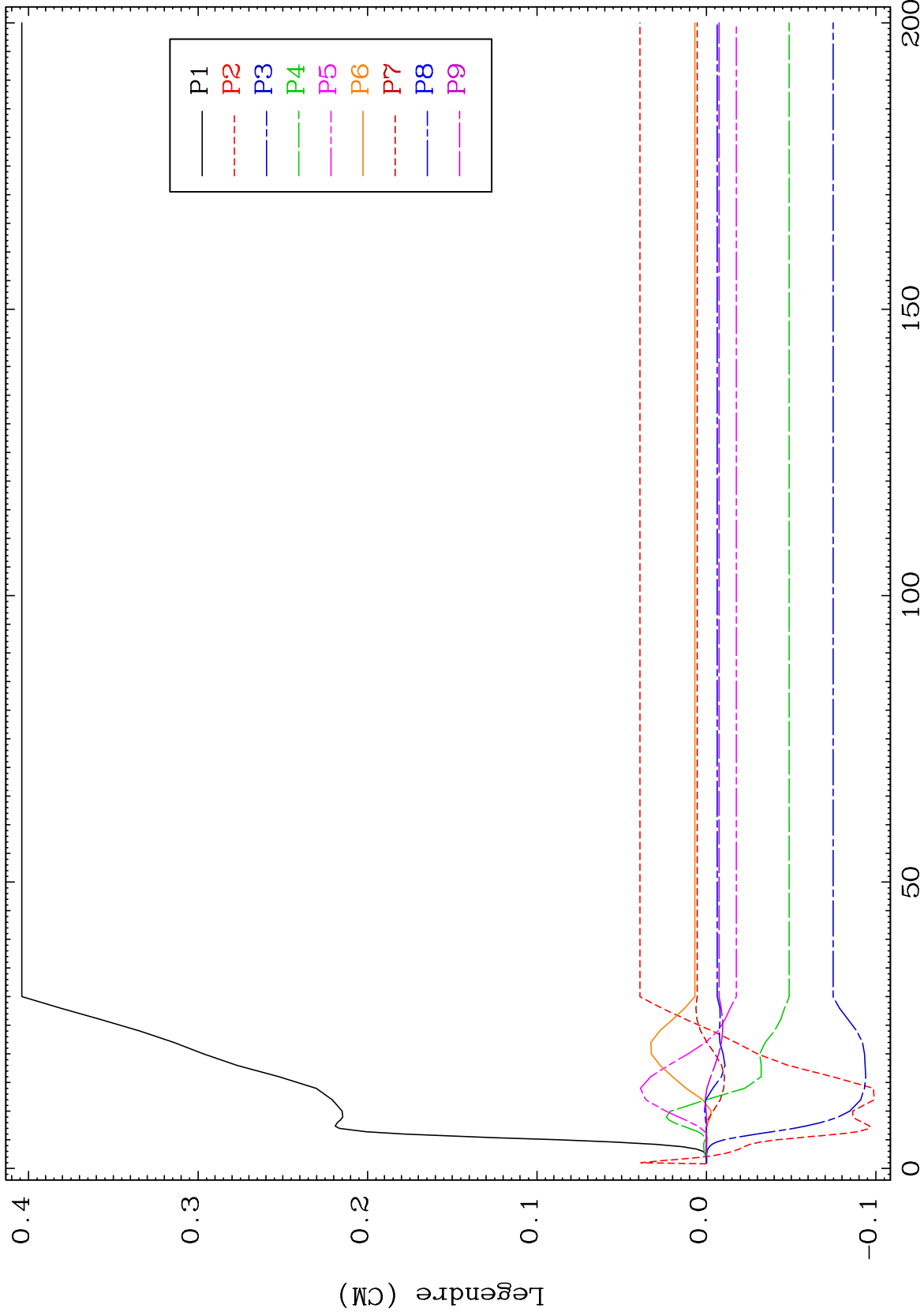
83

Incident Energy (MeV)

51-Sb-112



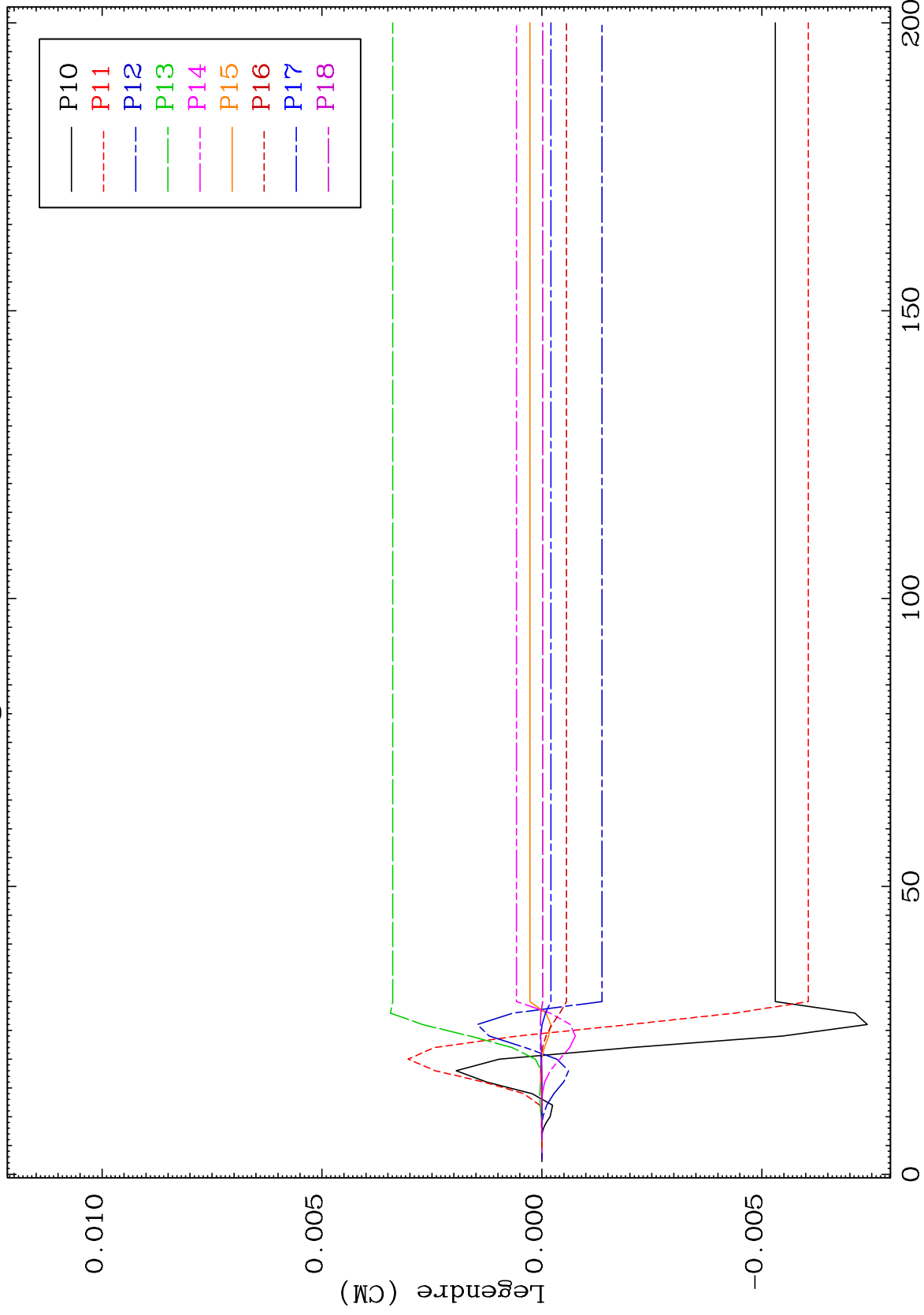




MAT 5098

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

51-Sb-112



87

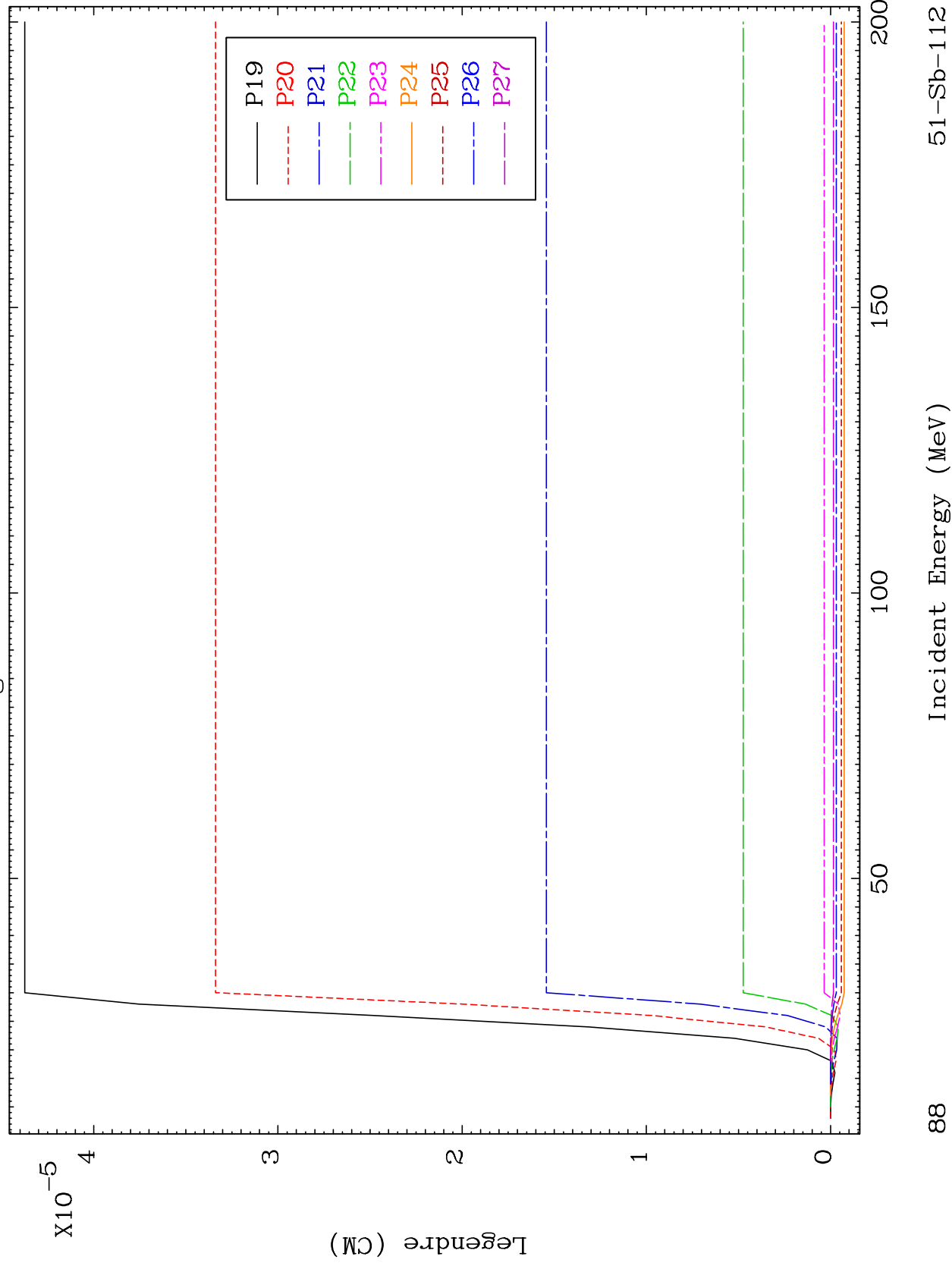
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

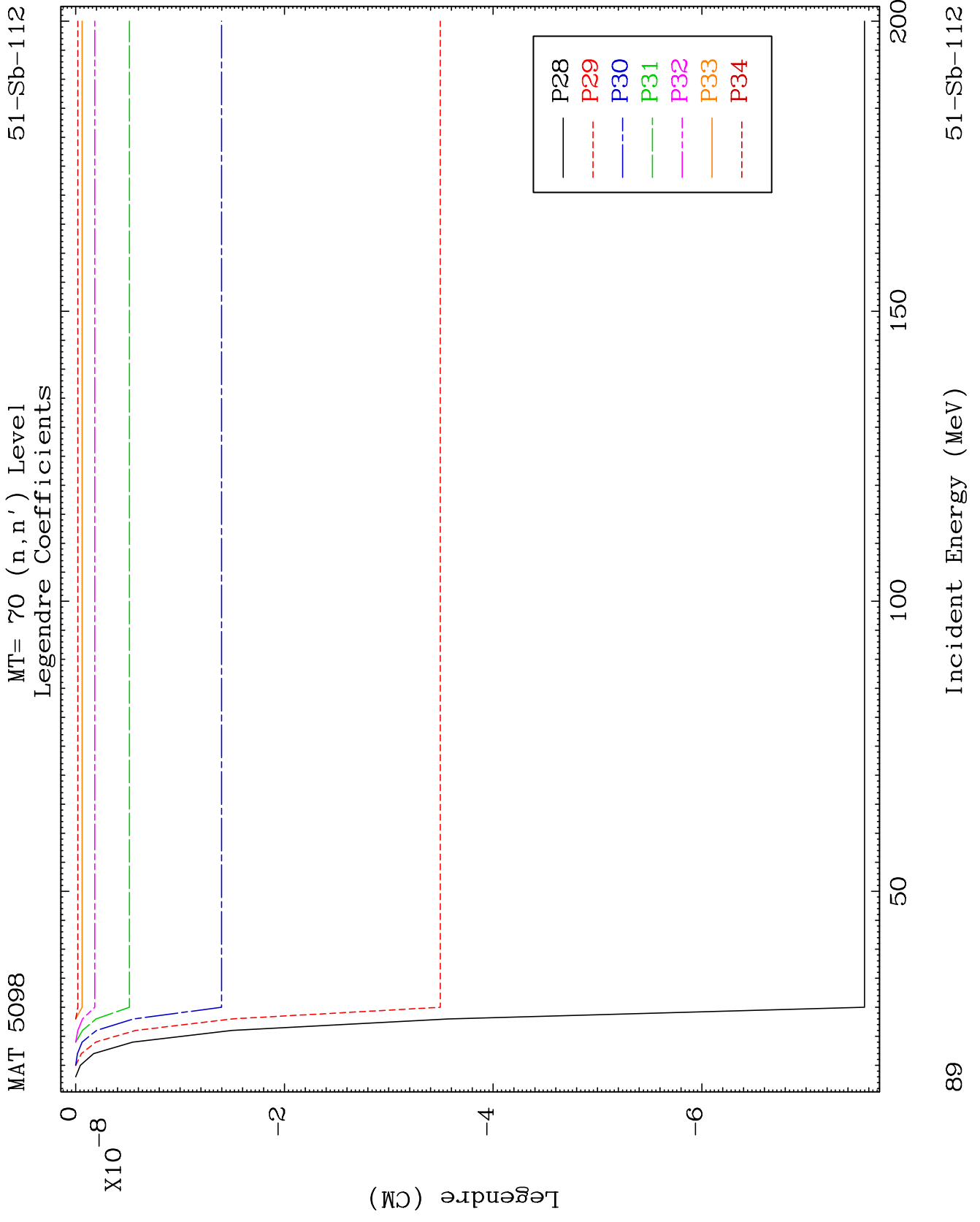
51-Sb-112



88

Incident Energy (MeV)

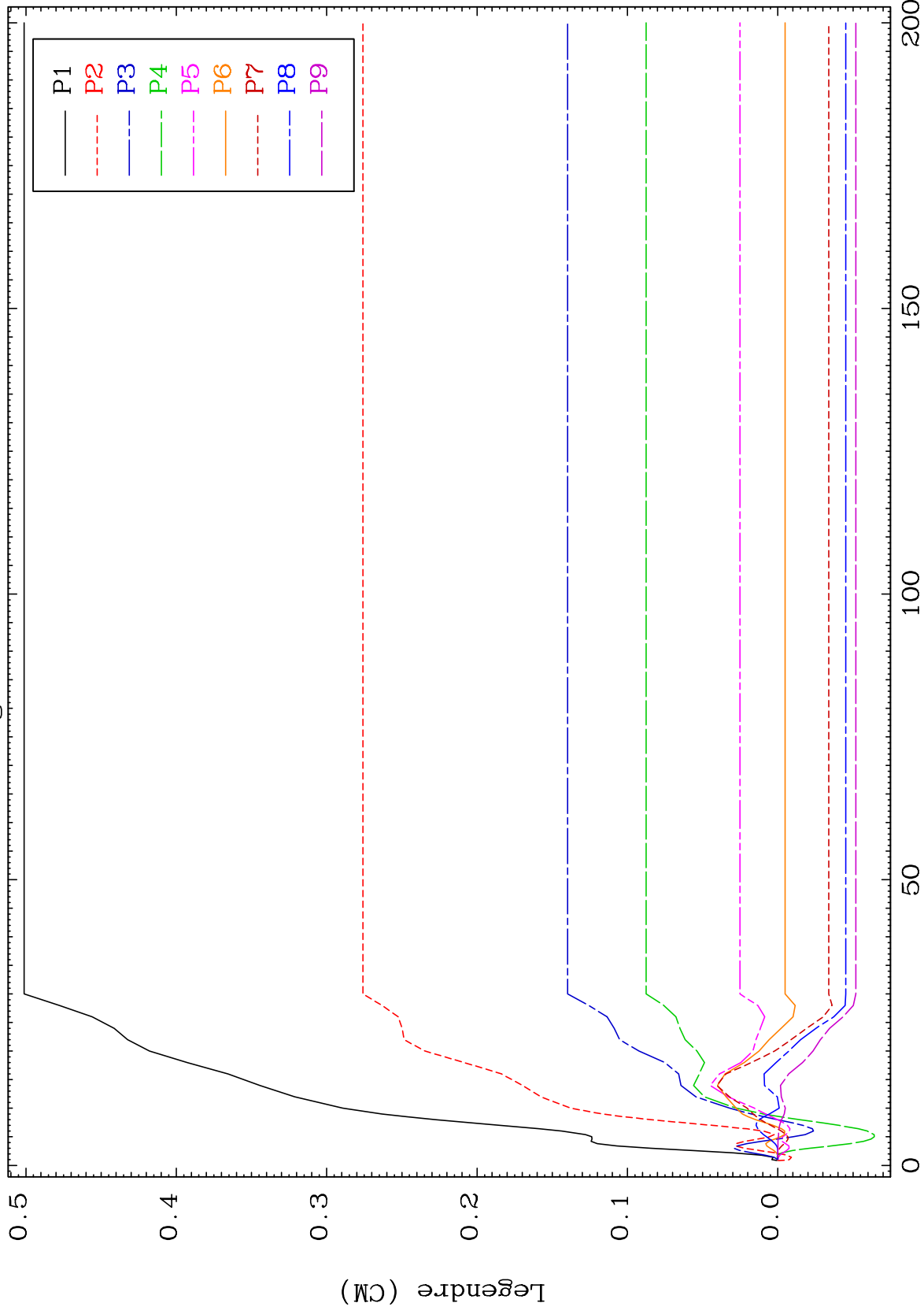
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

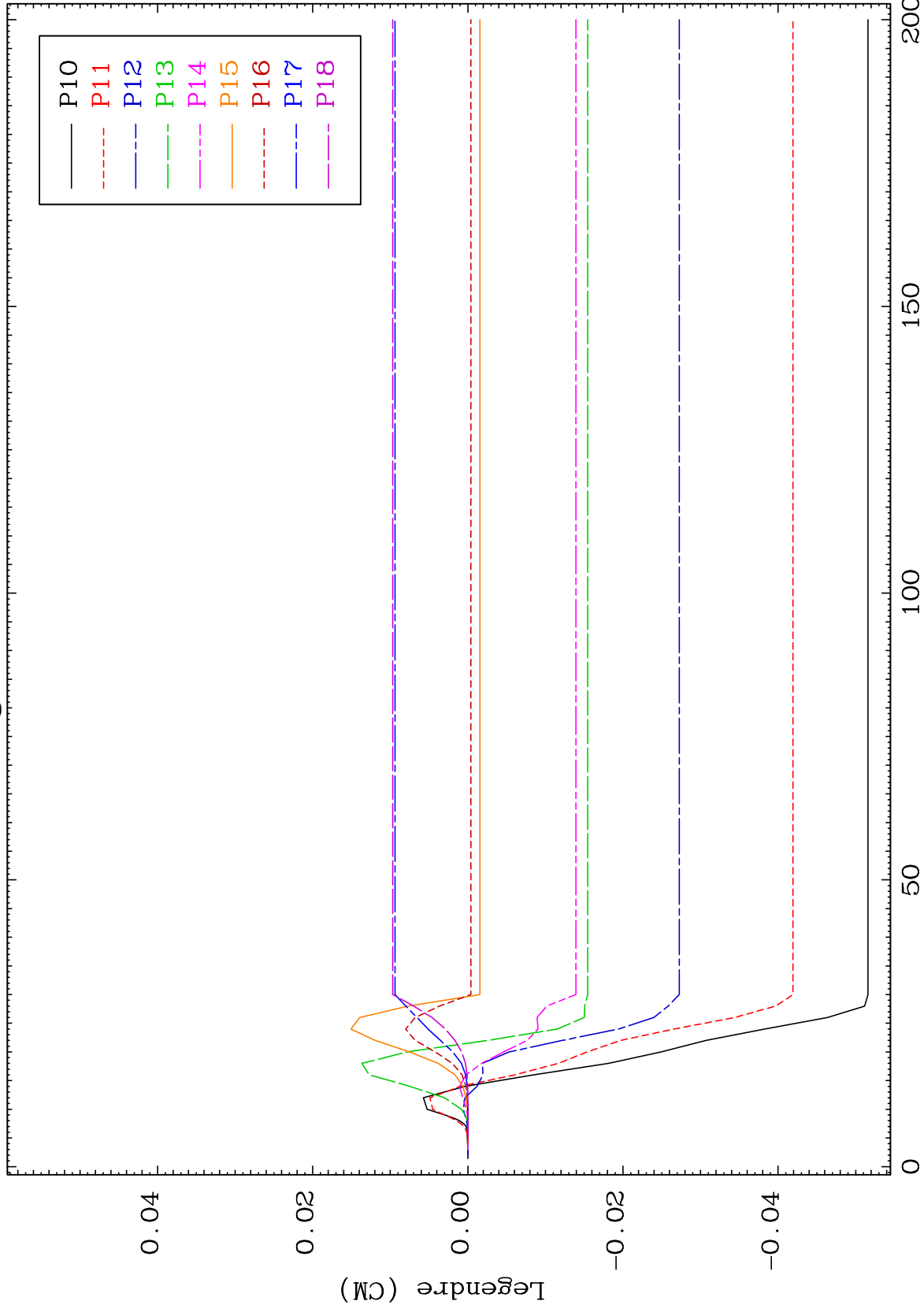
Incident Energy (MeV)

90

MAT 5098

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

51-Sb-112



91

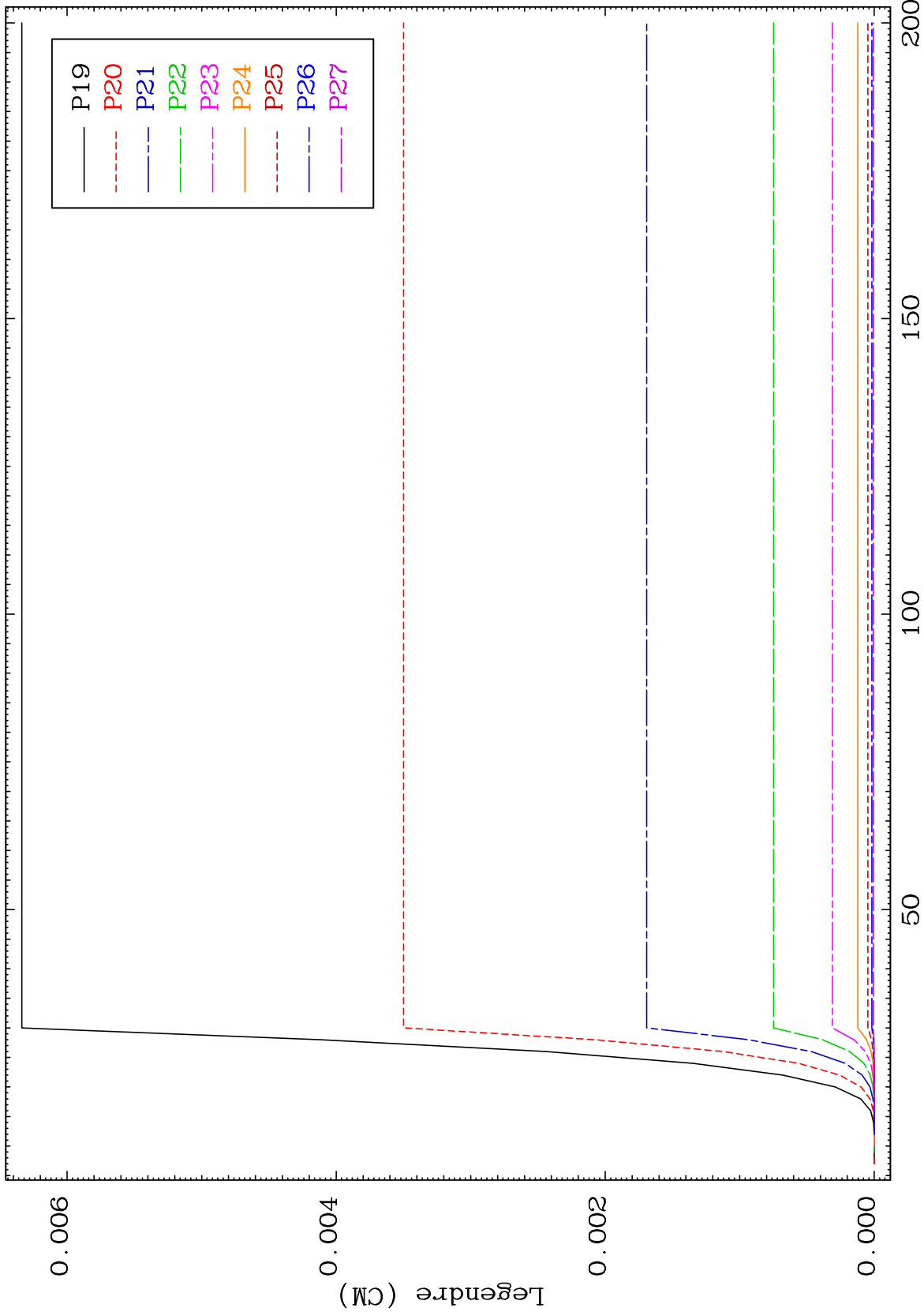
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



92

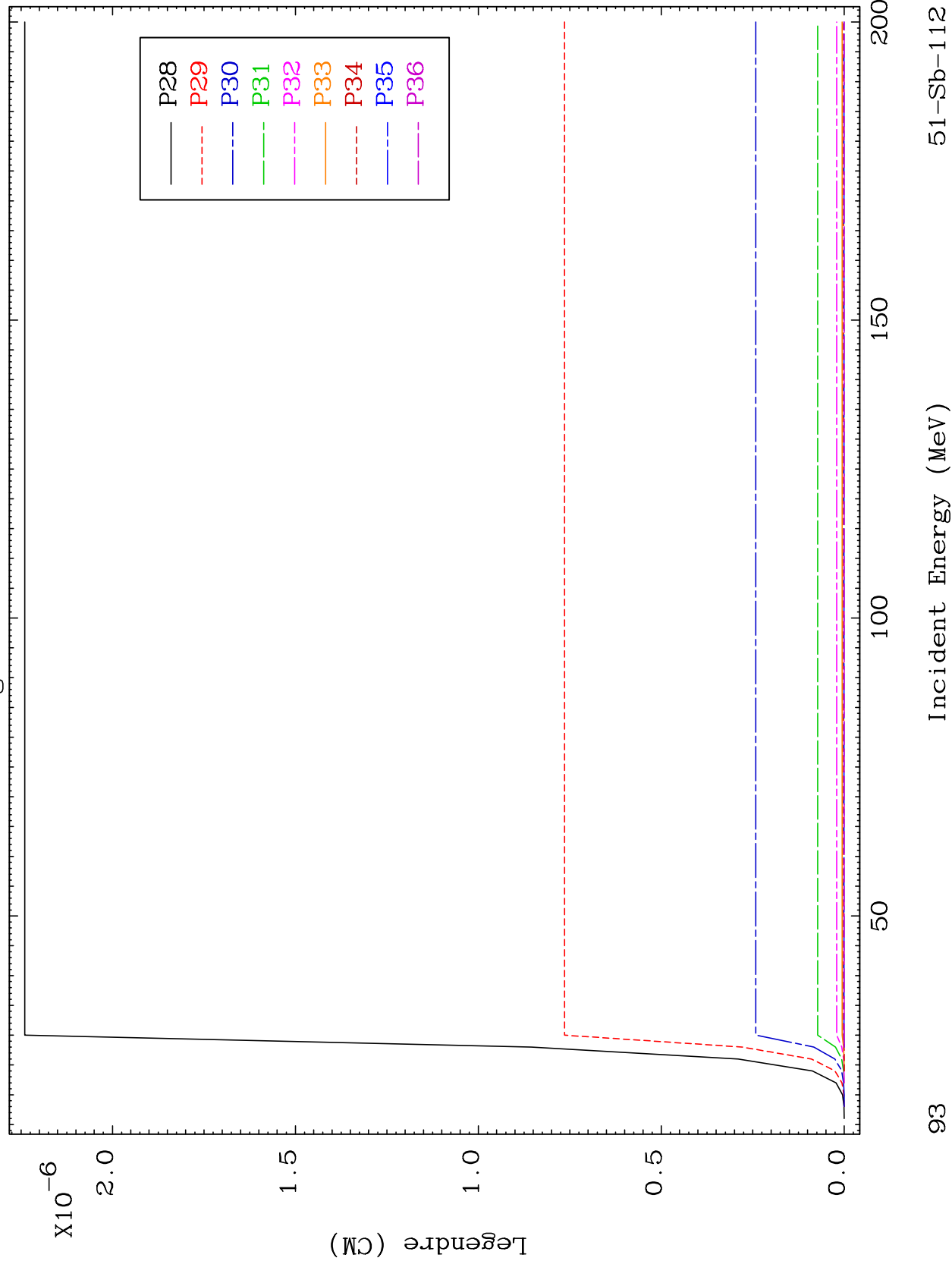
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

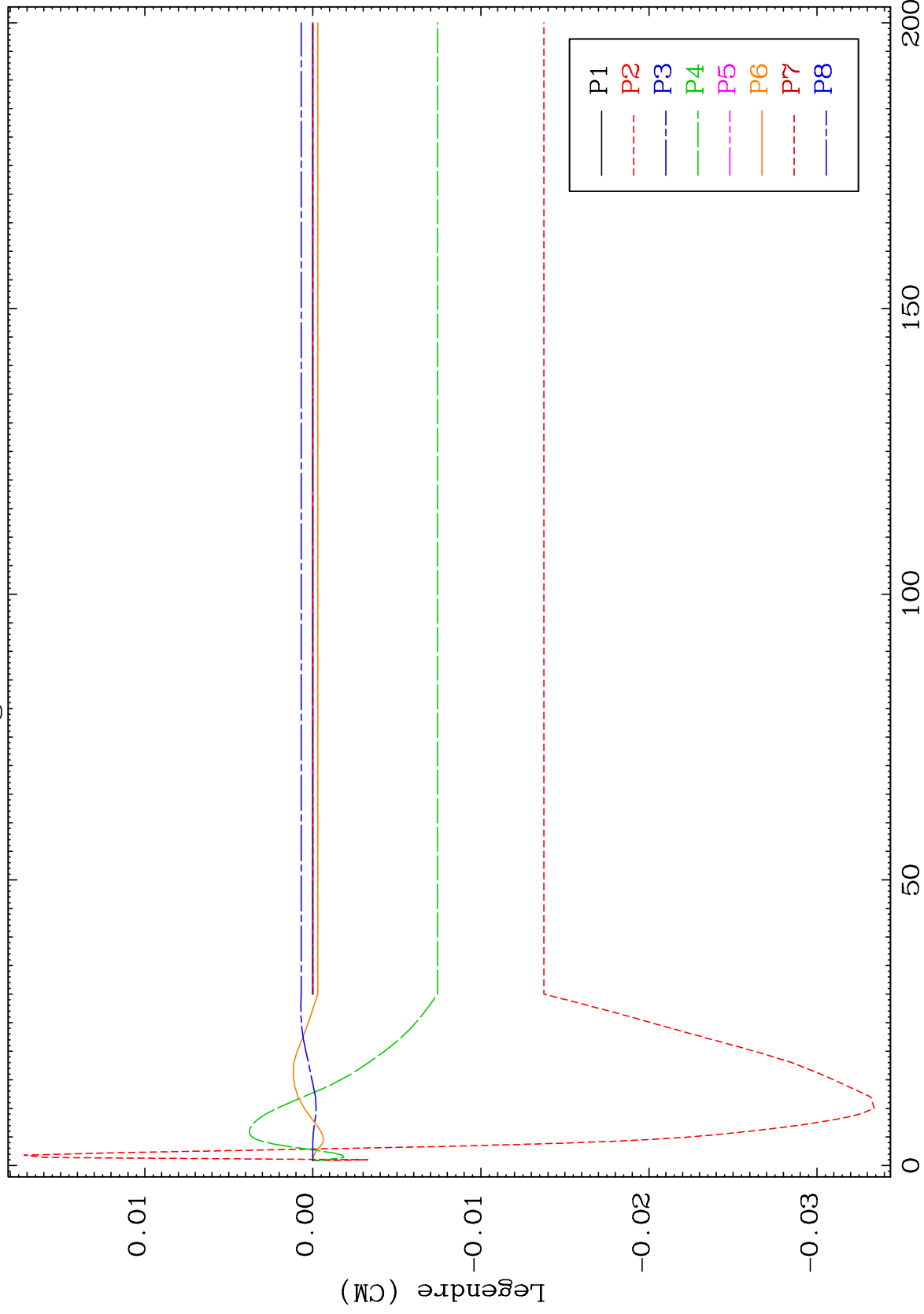
51-Sb-112



MAT 5098

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

51-Sb-112



94

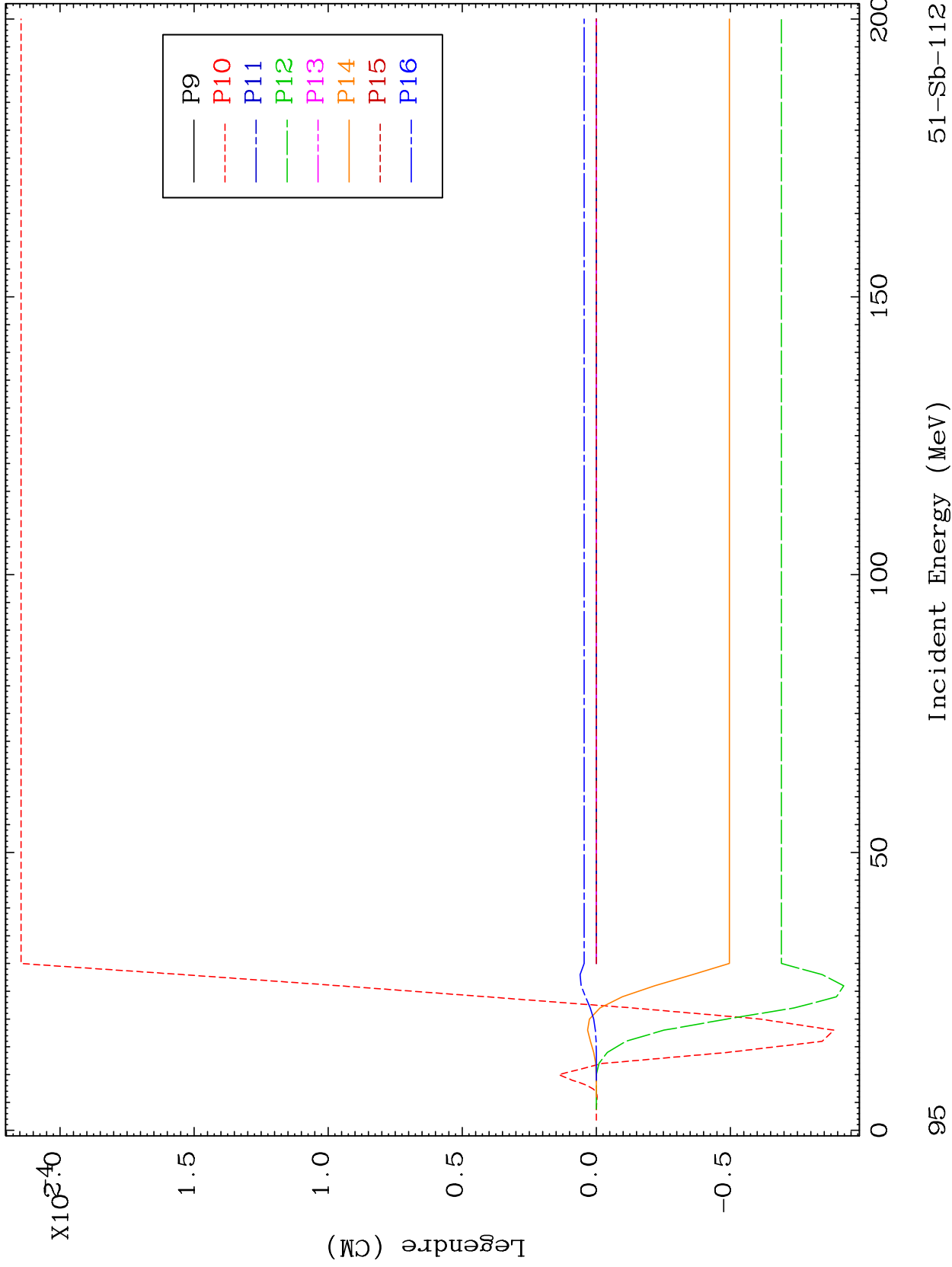
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

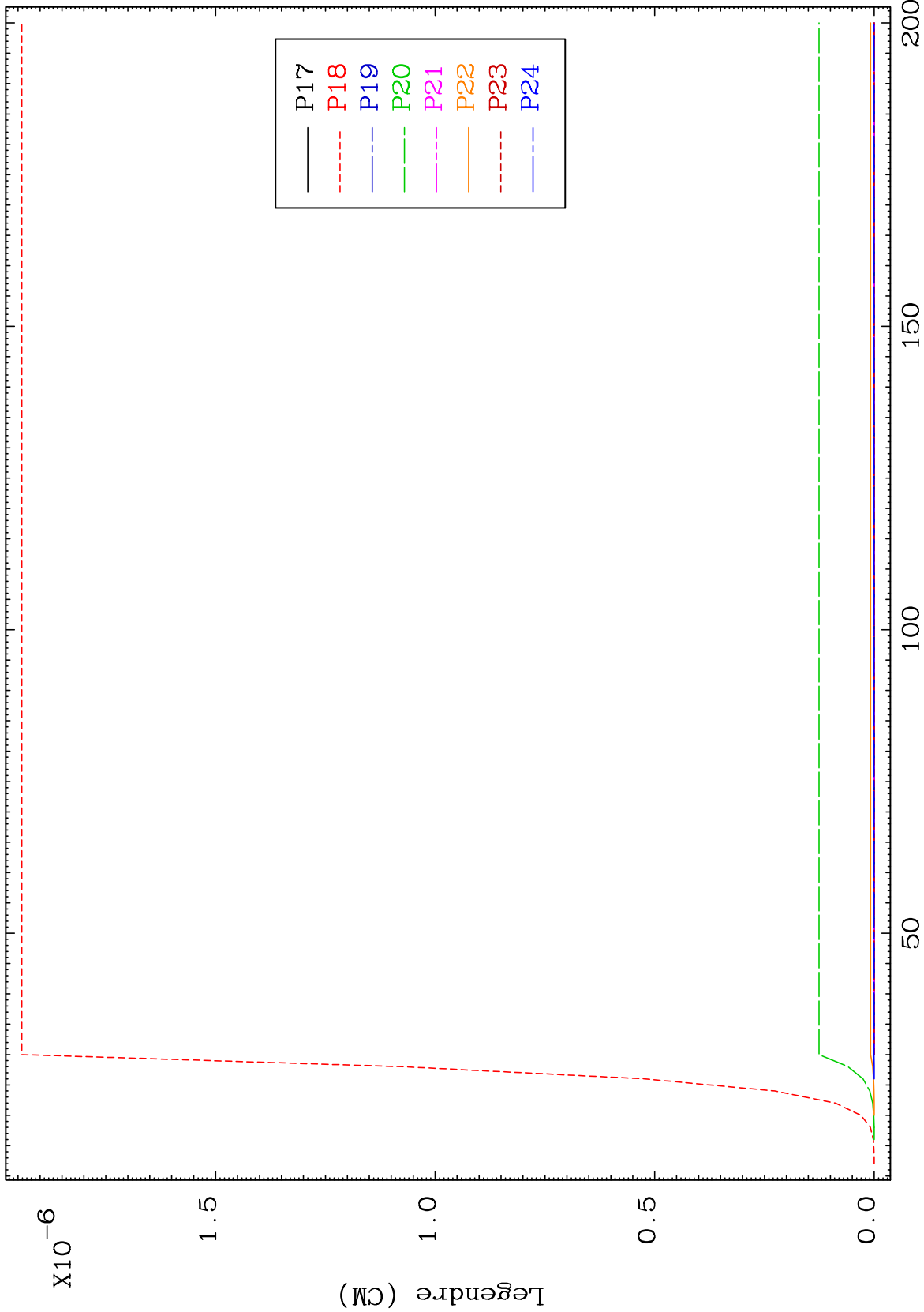
Incident Energy (MeV)

95

MAT 5098

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

51-Sb-112



96

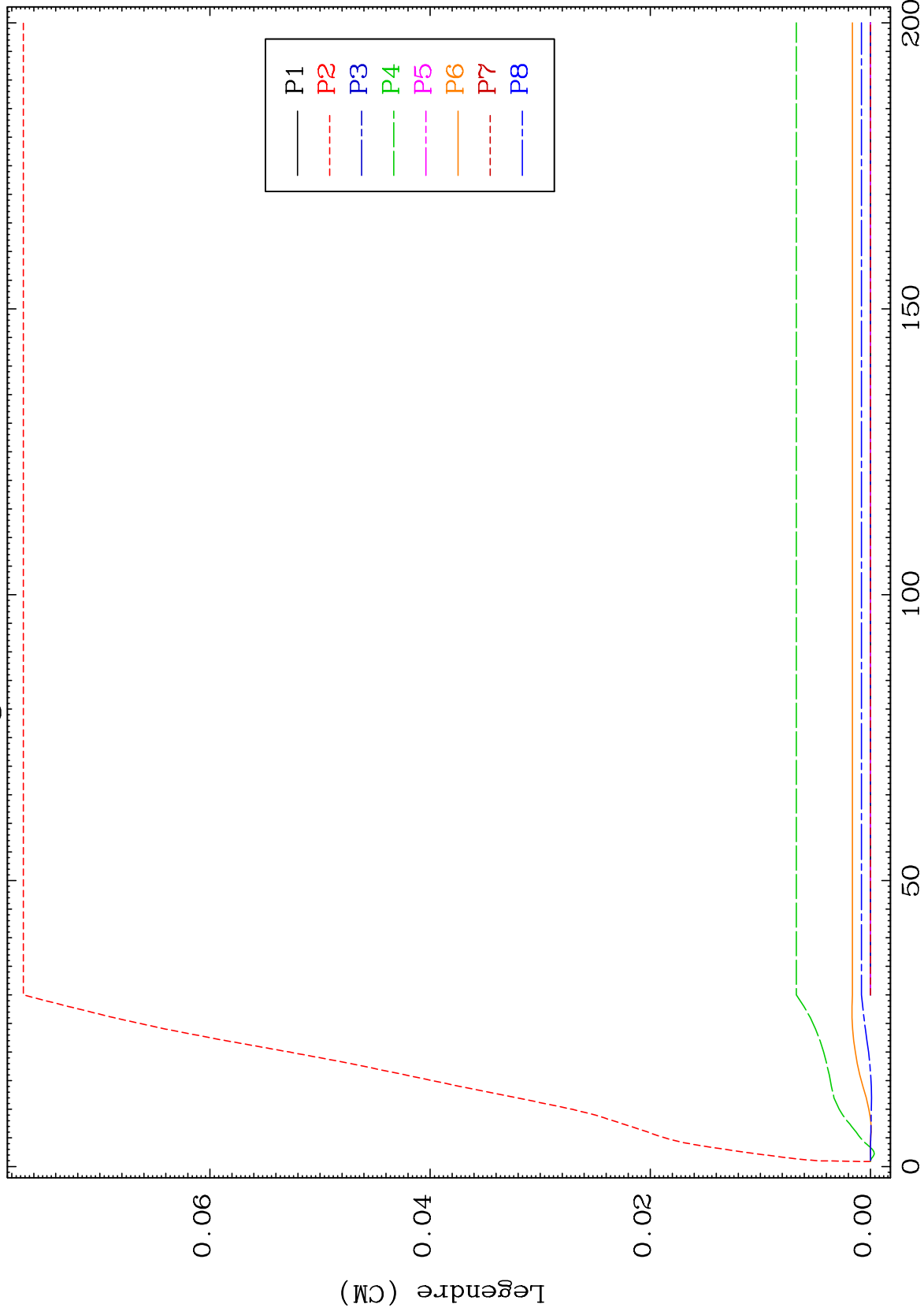
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



97

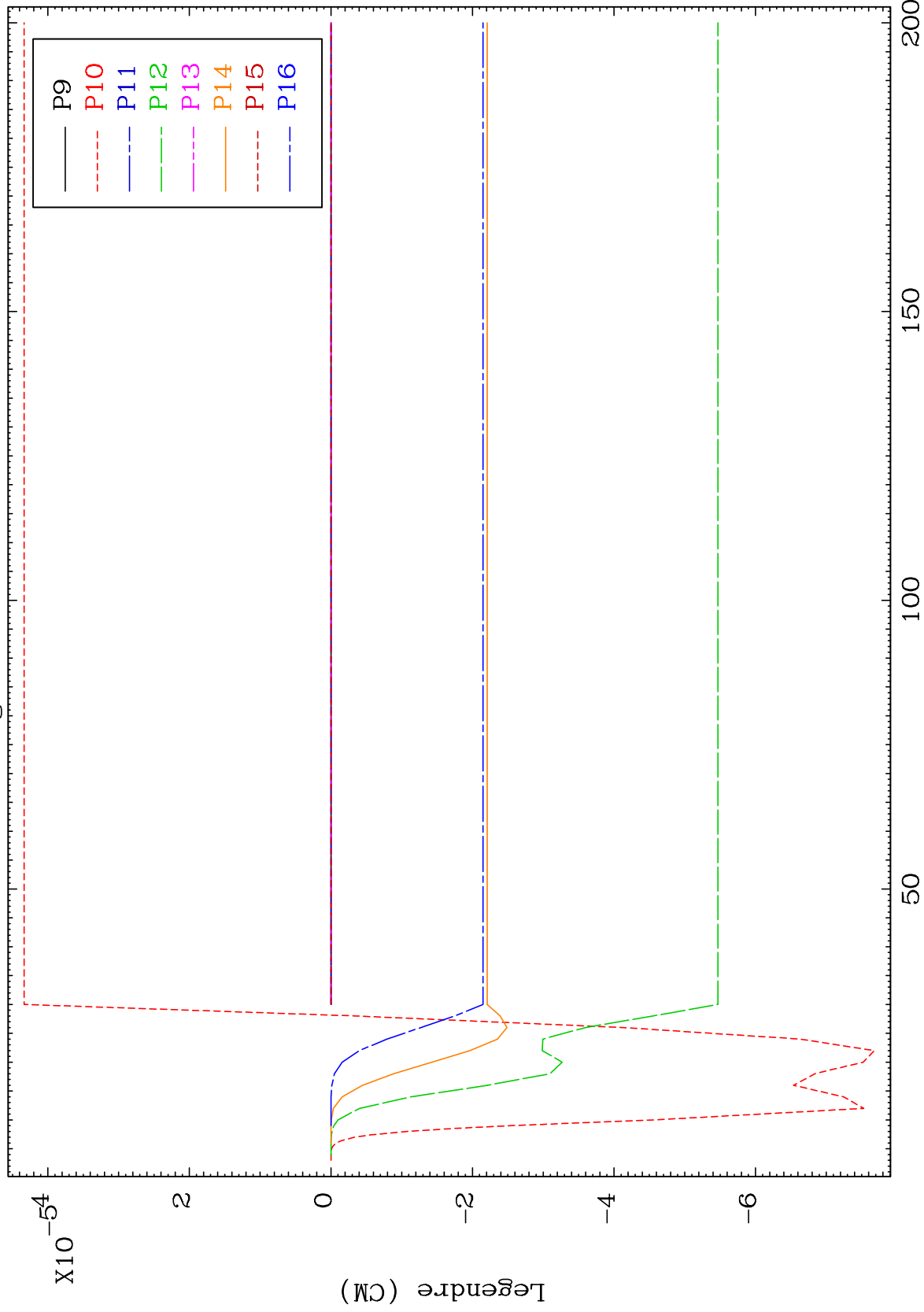
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



98

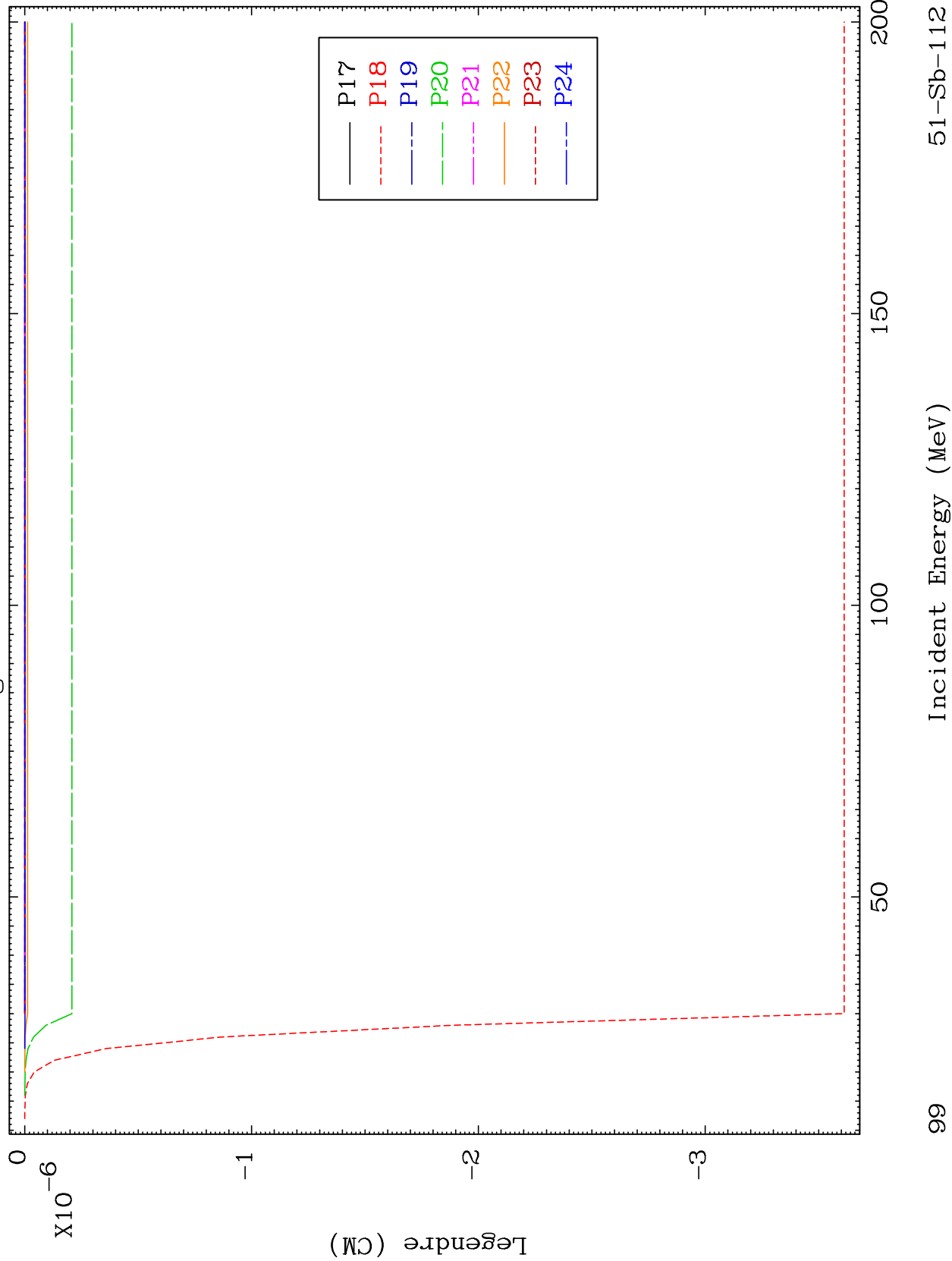
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



99

Incident Energy (MeV)

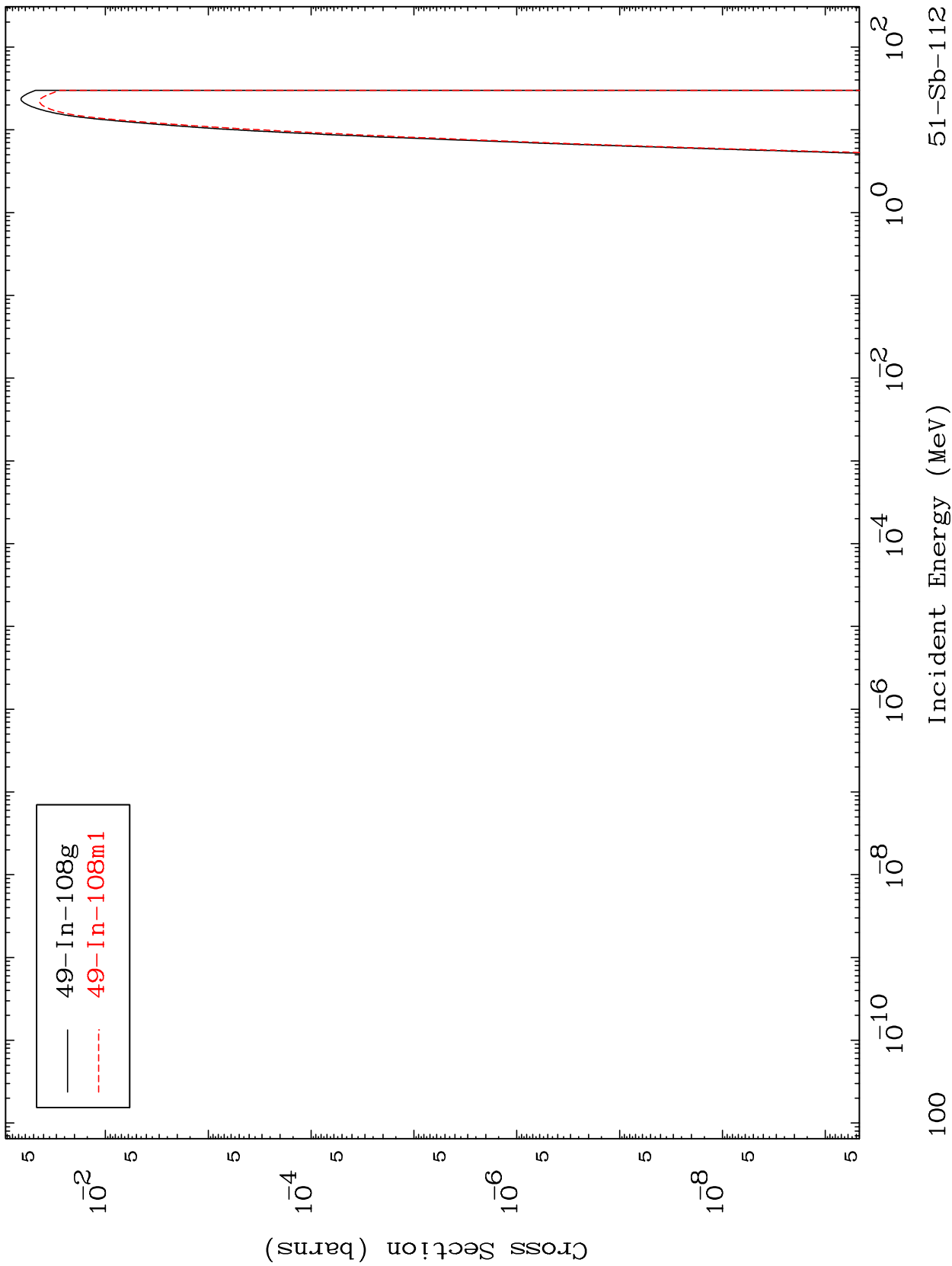
51-Sb-112

MAT 5098

$(n, n') \alpha$

51-Sb-112

Radionuclide Production Cross Section



100

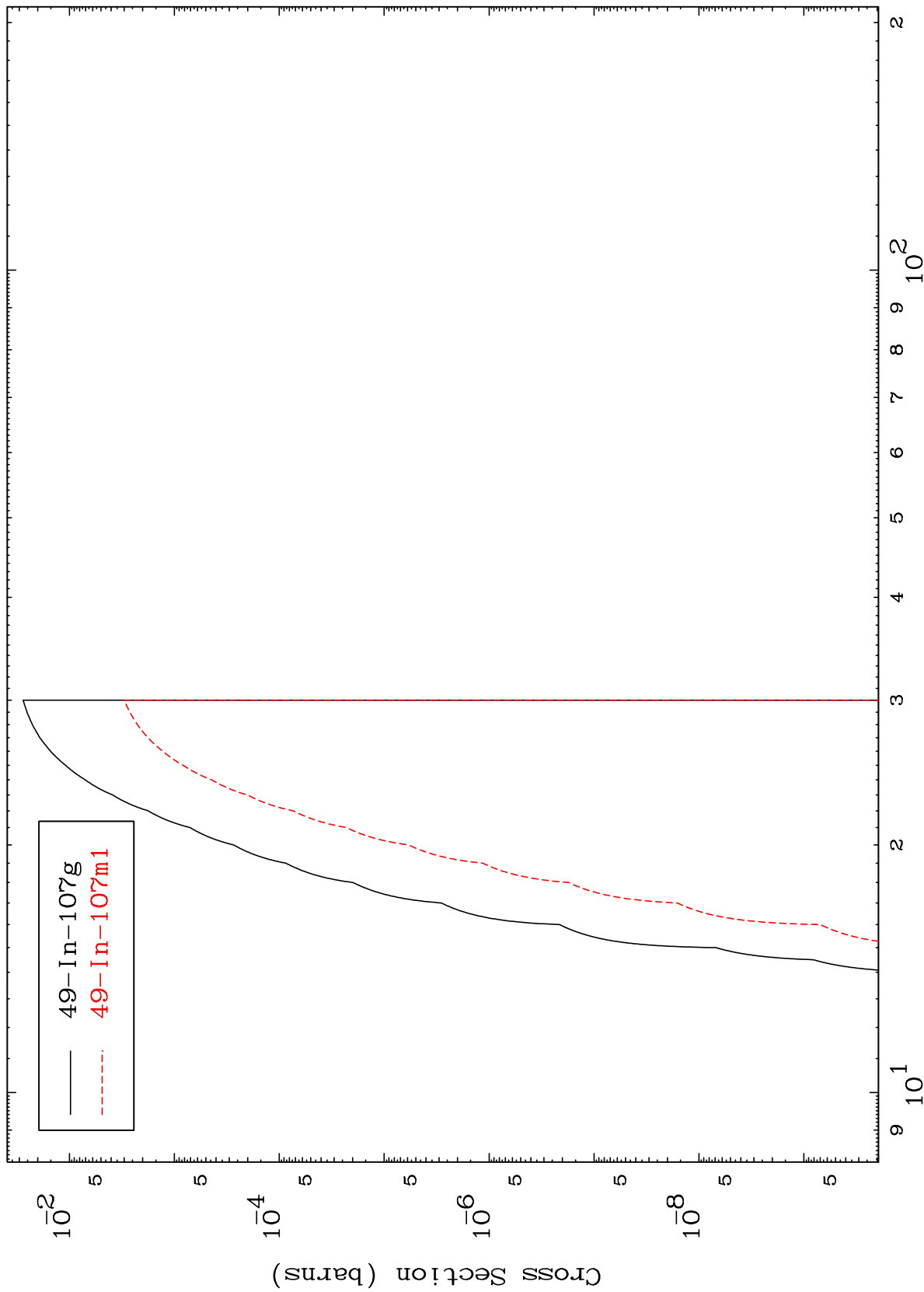
Incident Energy (MeV)

51-Sb-112

MAT 5098

51-Sb-112

(n,2n) α
Radionuclide Production Cross Section



101

Incident Energy (MeV)

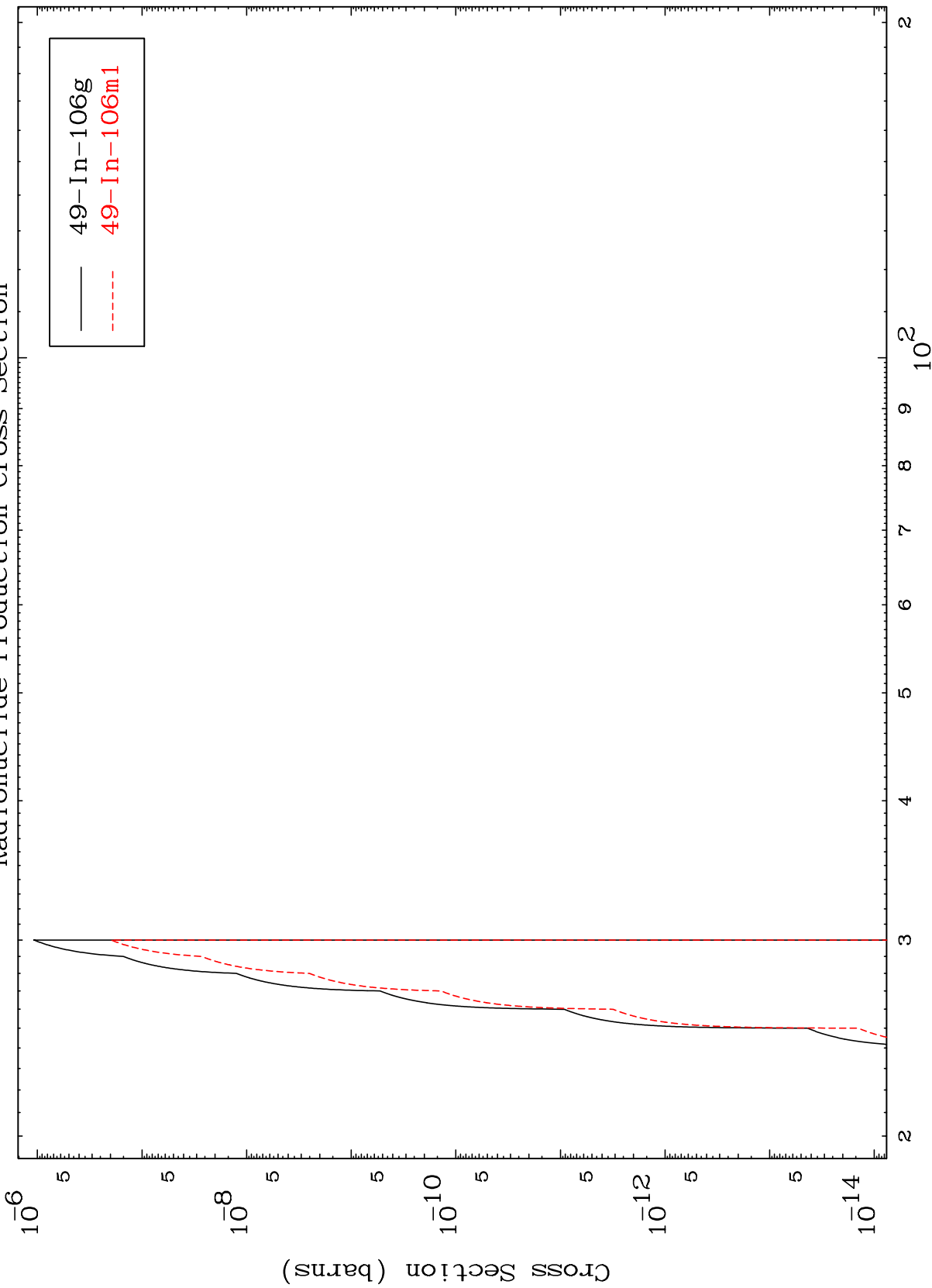
51-Sb-112

MAT 5098

(n,3n) α

51-Sb-112

Radionuclide Production Cross Section



102

Incident Energy (MeV)

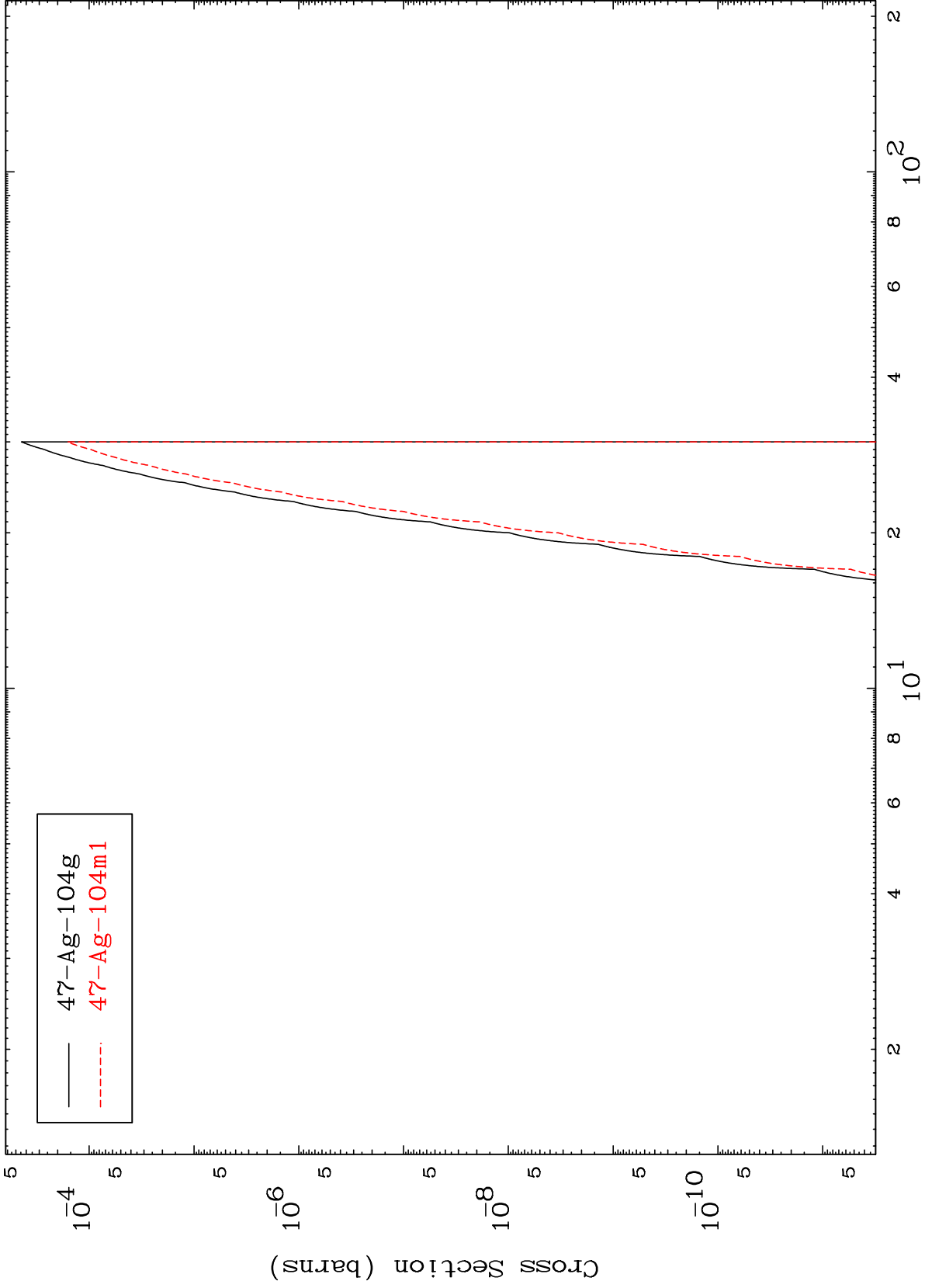
51-Sb-112

MAT 5098

(n,n') 2α

51-Sb-112

Radionuclide Production Cross Section



103

Incident Energy (MeV)

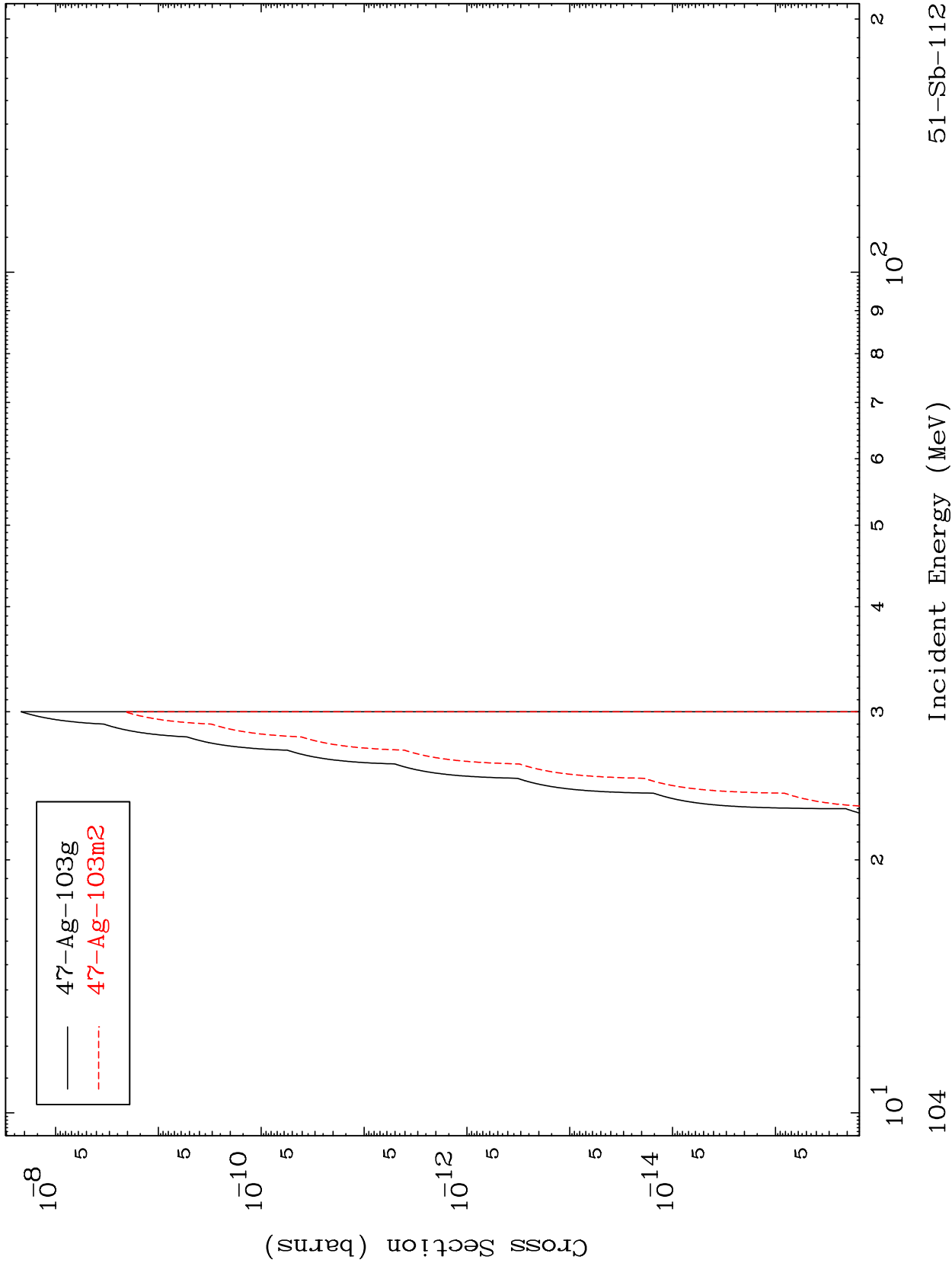
51-Sb-112

MAT 5098

(n,2n) 2α

51-Sb-112

Radionuclide Production Cross Section



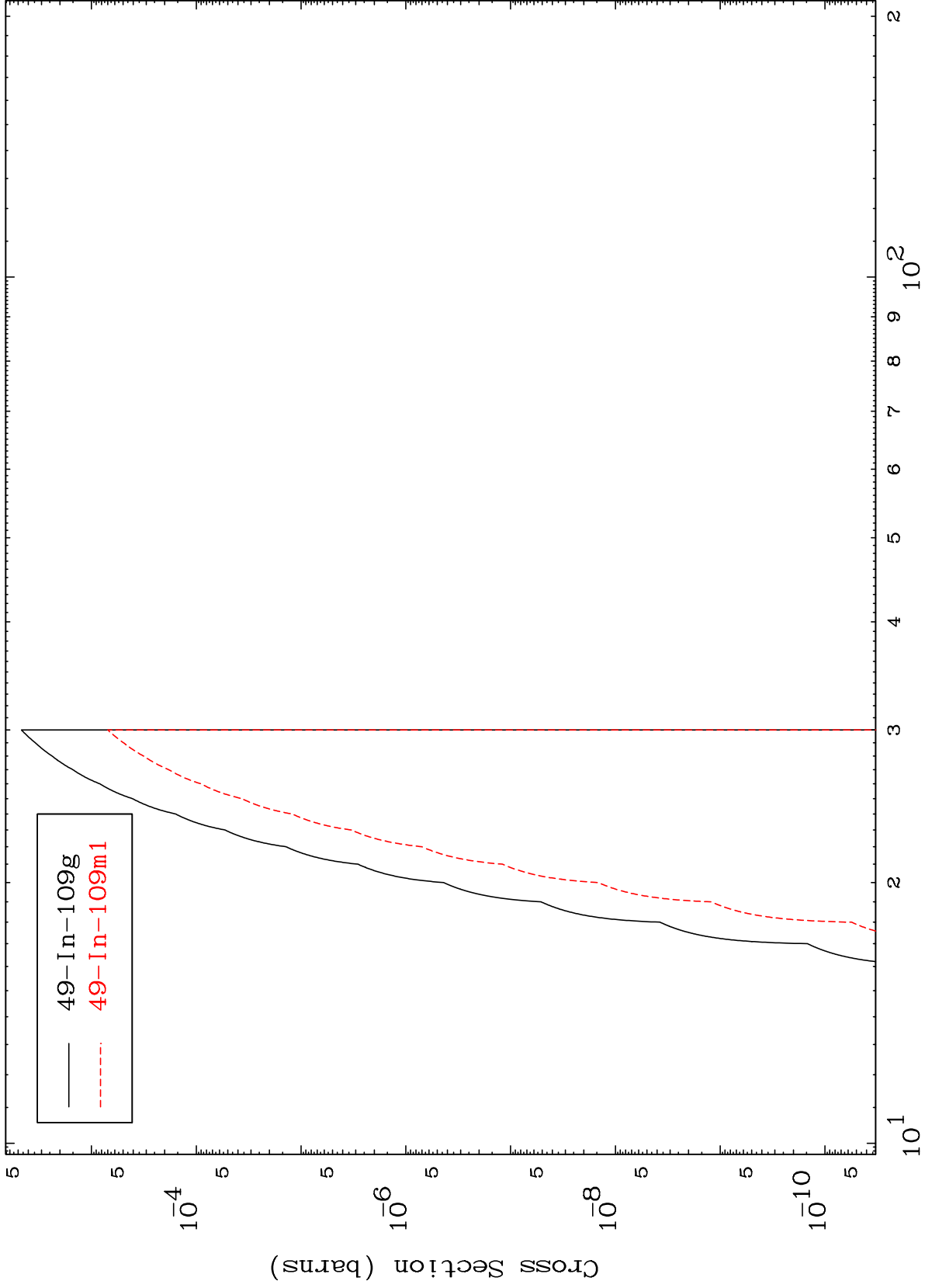
104

MAT 5098

(n,n') He-3

51-Sb-112

Radionuclide Production Cross Section



Incident Energy (MeV)

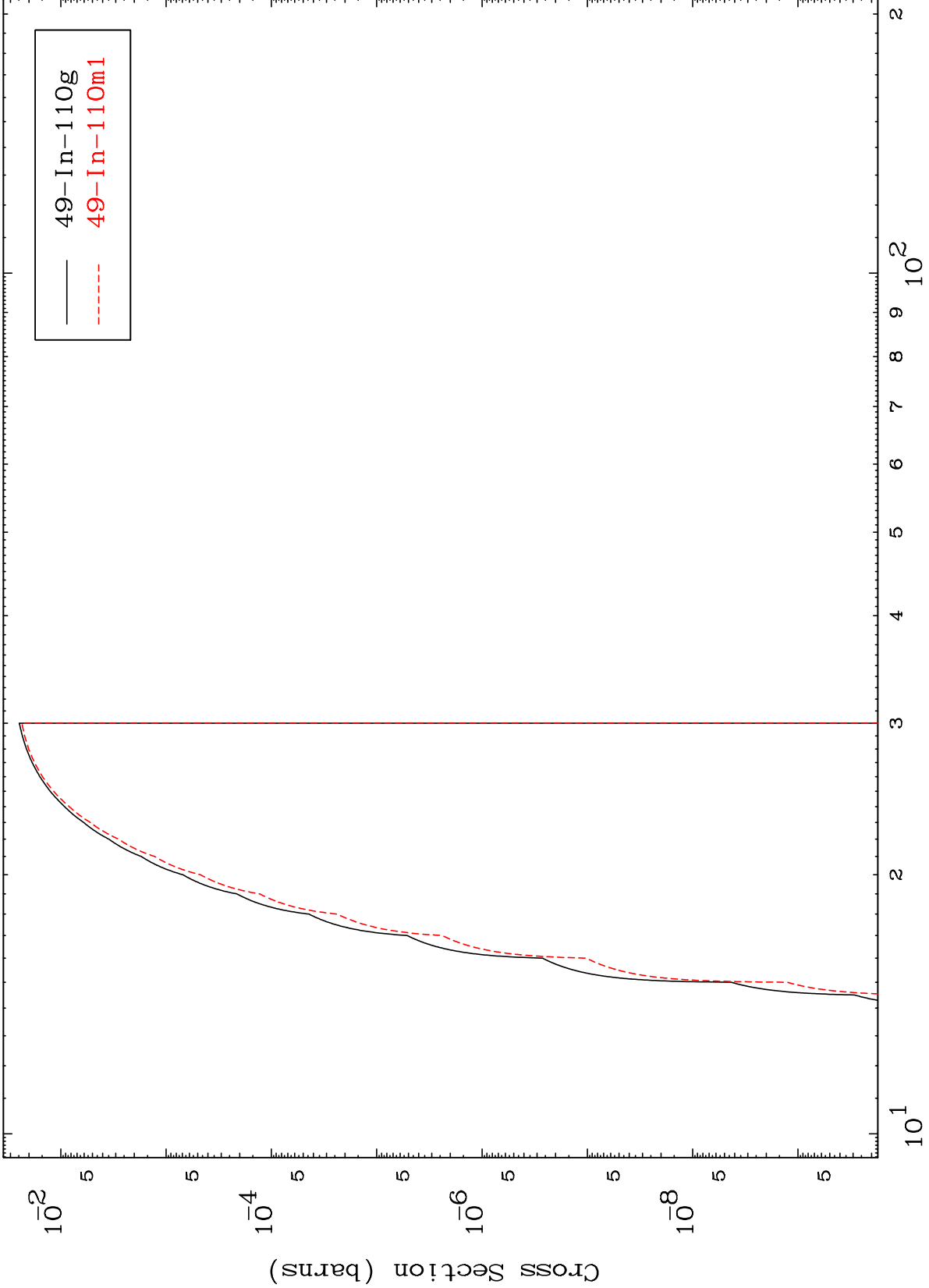
51-Sb-112

MAT 5098

(n,2n) p

51-Sb-112

Radionuclide Production Cross Section



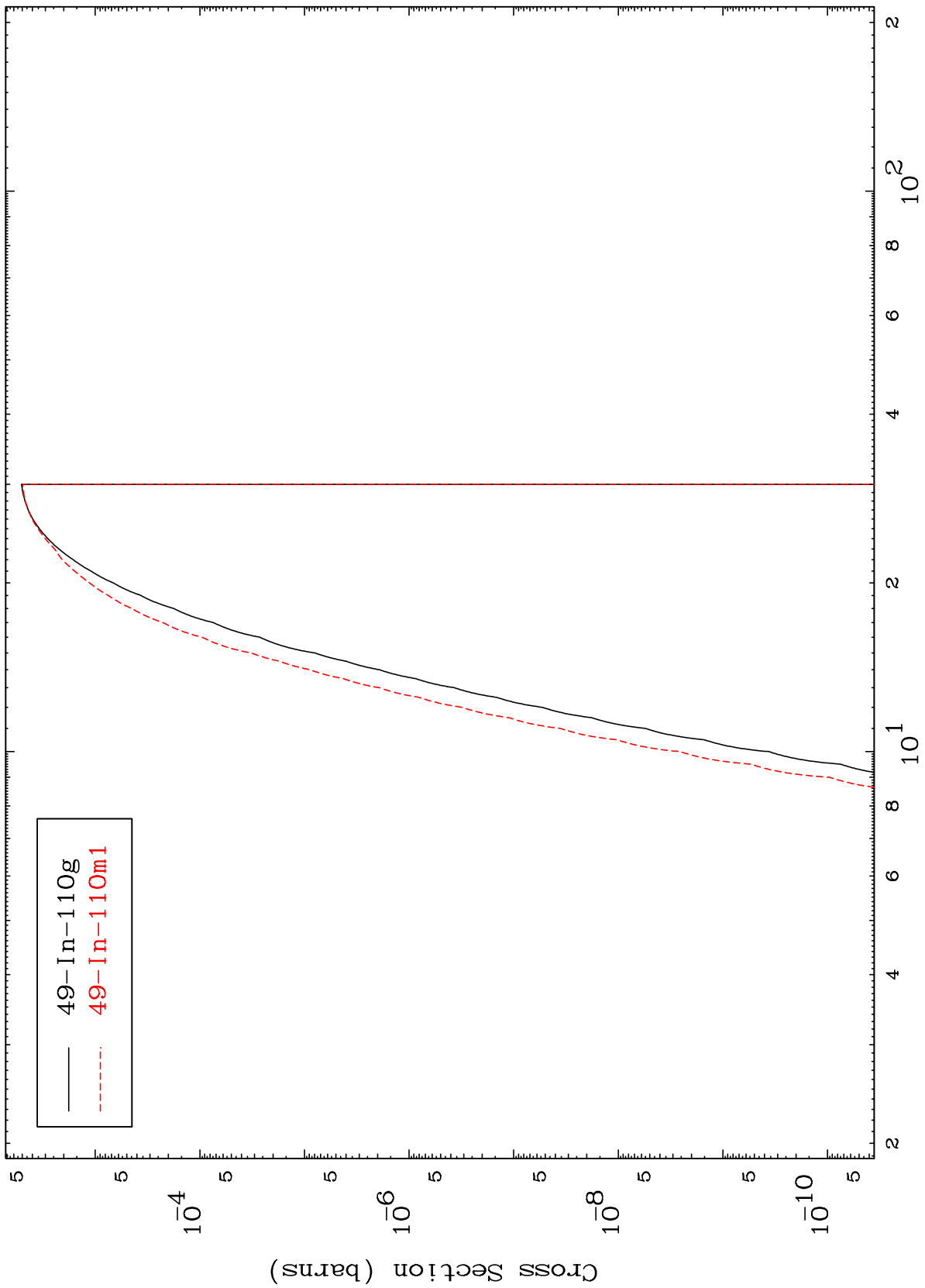
Incident Energy (MeV)

51-Sb-112

MAT 5098

51-Sb-112

(n,He-3)
Radionuclide Production Cross Section



— 49-In-110g
- - - 49-In-110m1

107

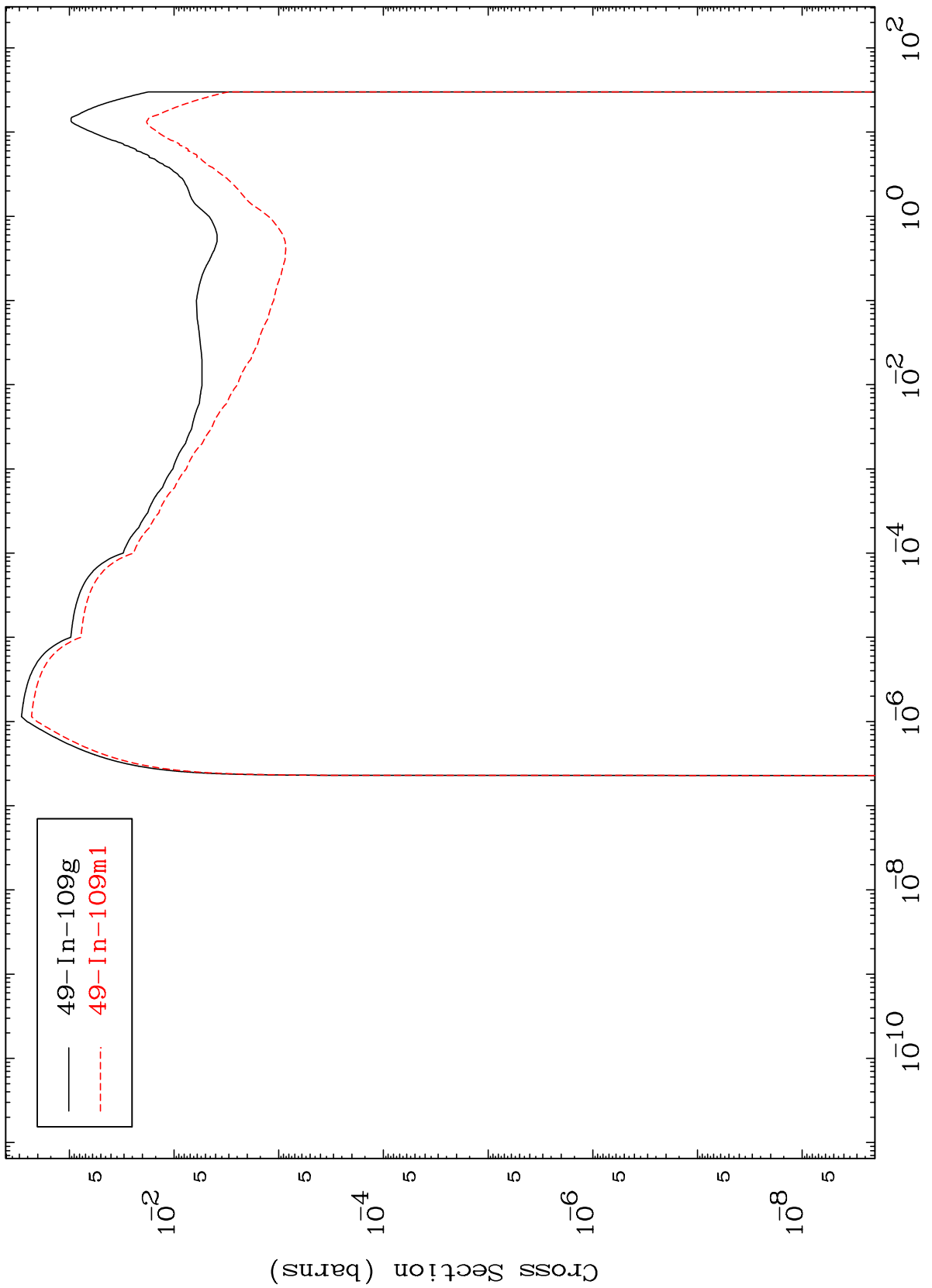
51-Sb-112

Incident Energy (MeV)

MAT 5098

51-Sb-112

Radionuclide Production Cross Section
(n, α)



108

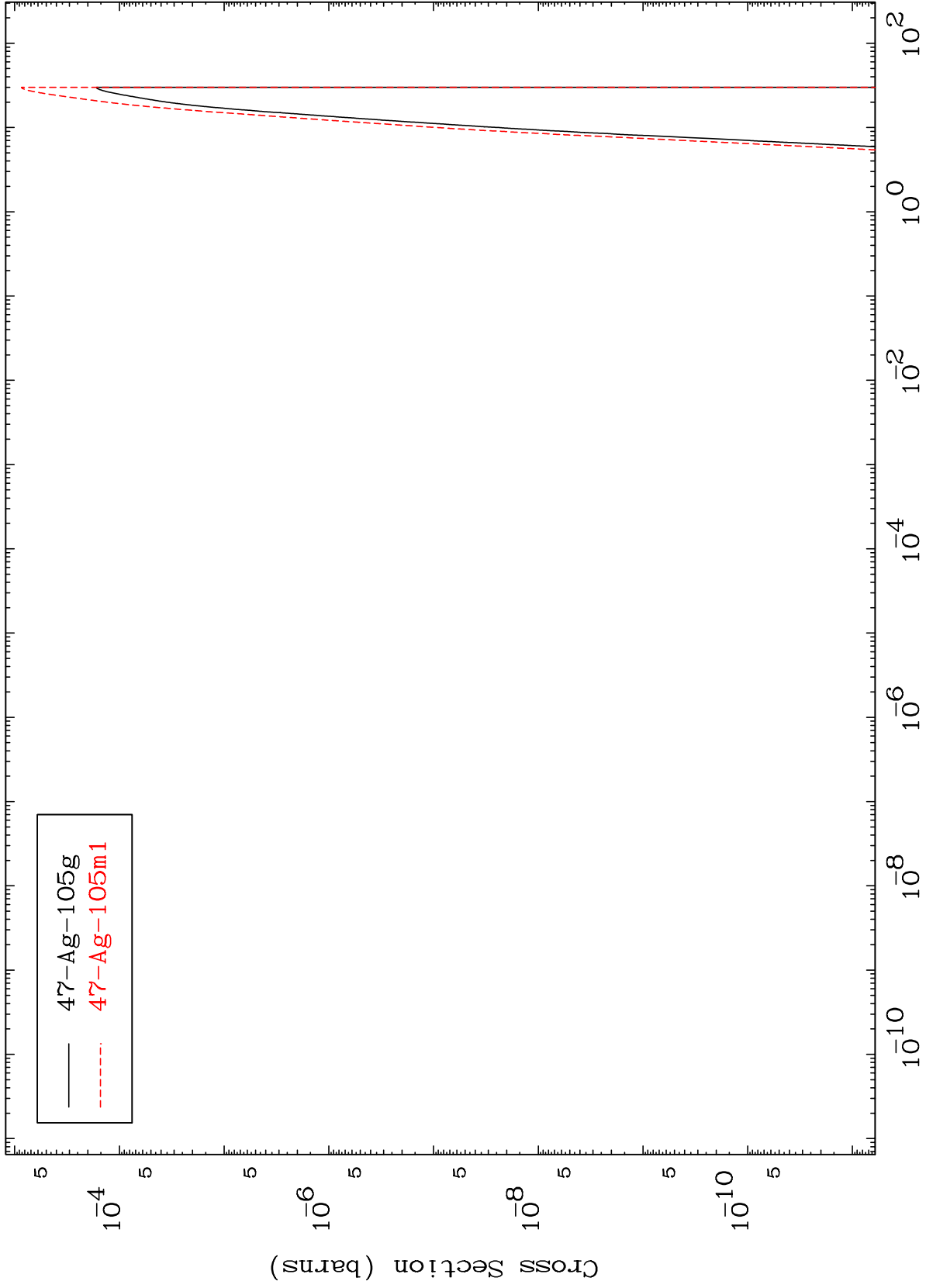
51-Sb-112

MAT 5098

(n,2α)

51-Sb-112

Radionuclide Production Cross Section



109

Incident Energy (MeV)

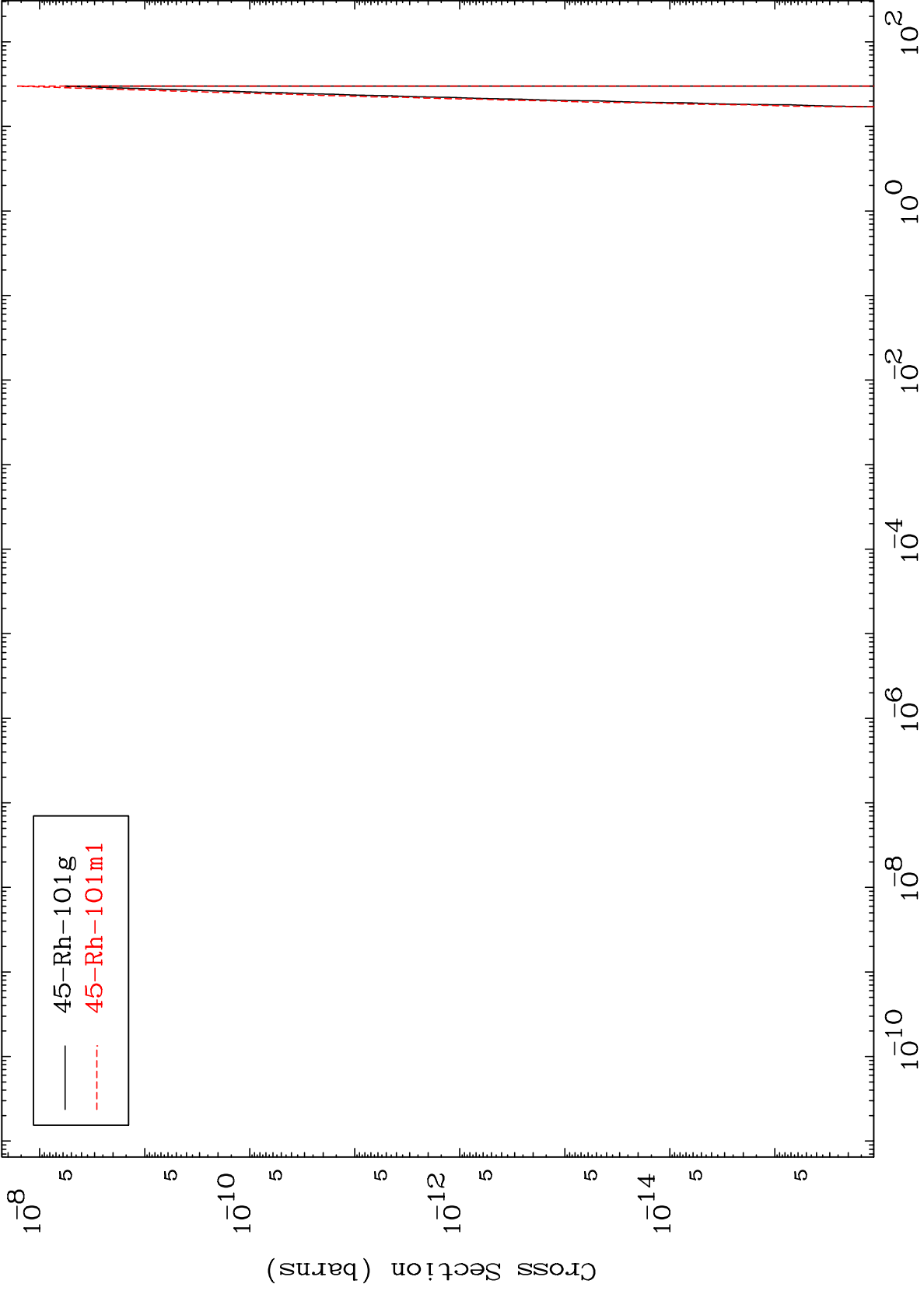
51-Sb-112

MAT 5098

(n,3 α)

51-Sb-112

Radionuclide Production Cross Section



110

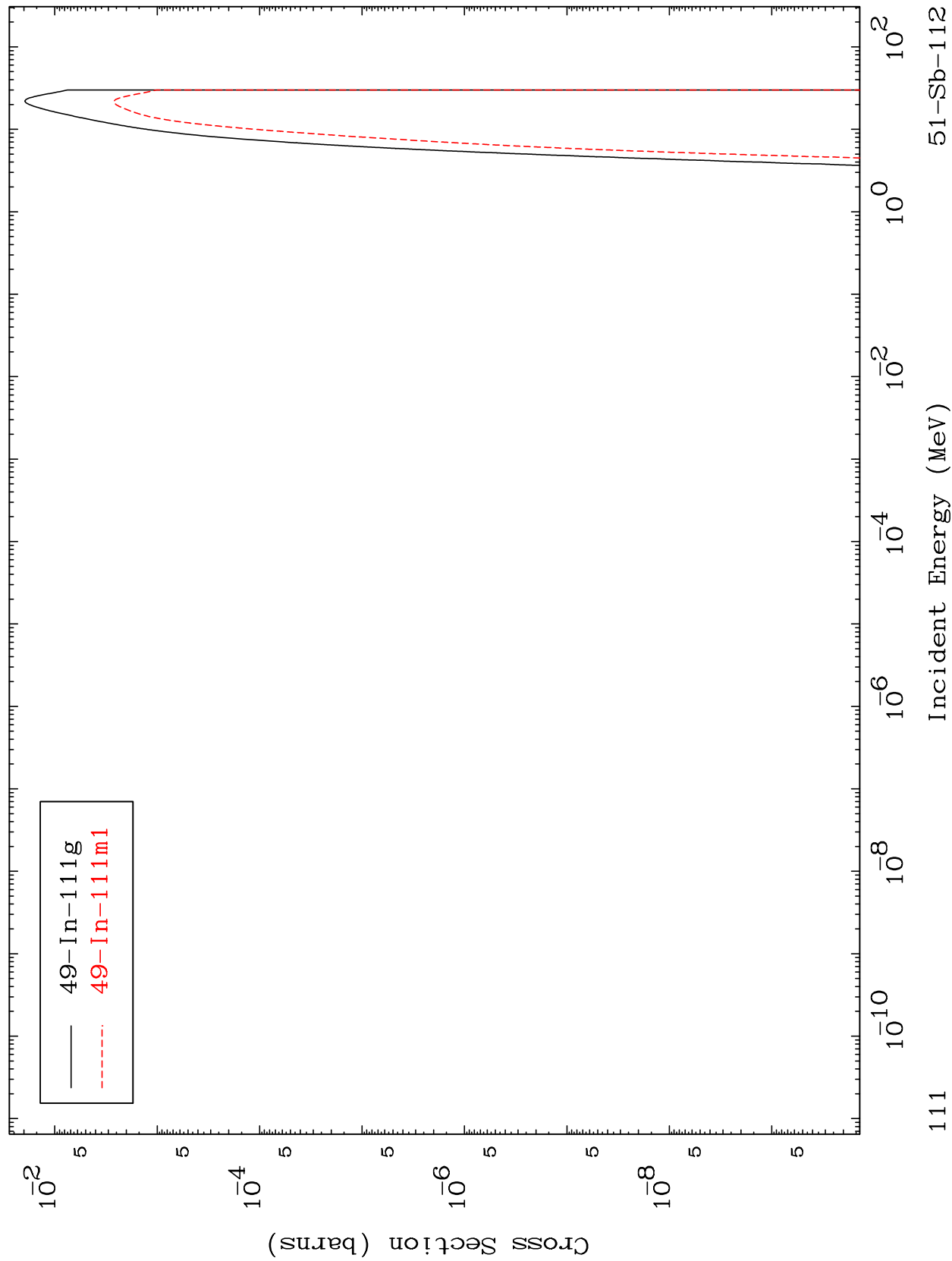
Incident Energy (MeV)

51-Sb-112

MAT 5098

51-Sb-112

(n,2p)
Radionuclide Production Cross Section



— 49-In-111g
- - - 49-In-111m1

111

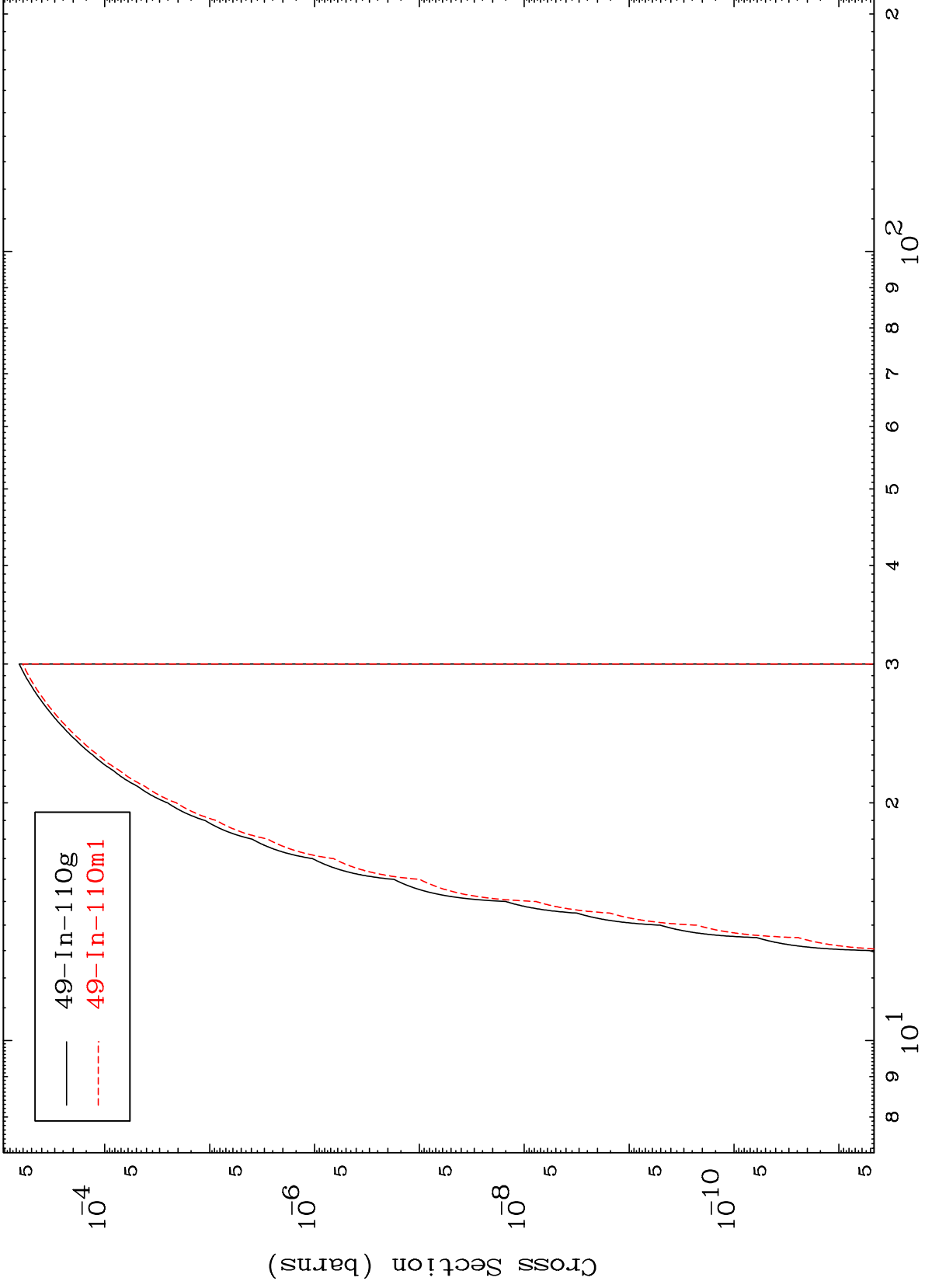
51-Sb-112

MAT 5098

(n,p) d

51-Sb-112

Radionuclide Production Cross Section



112

Incident Energy (MeV)

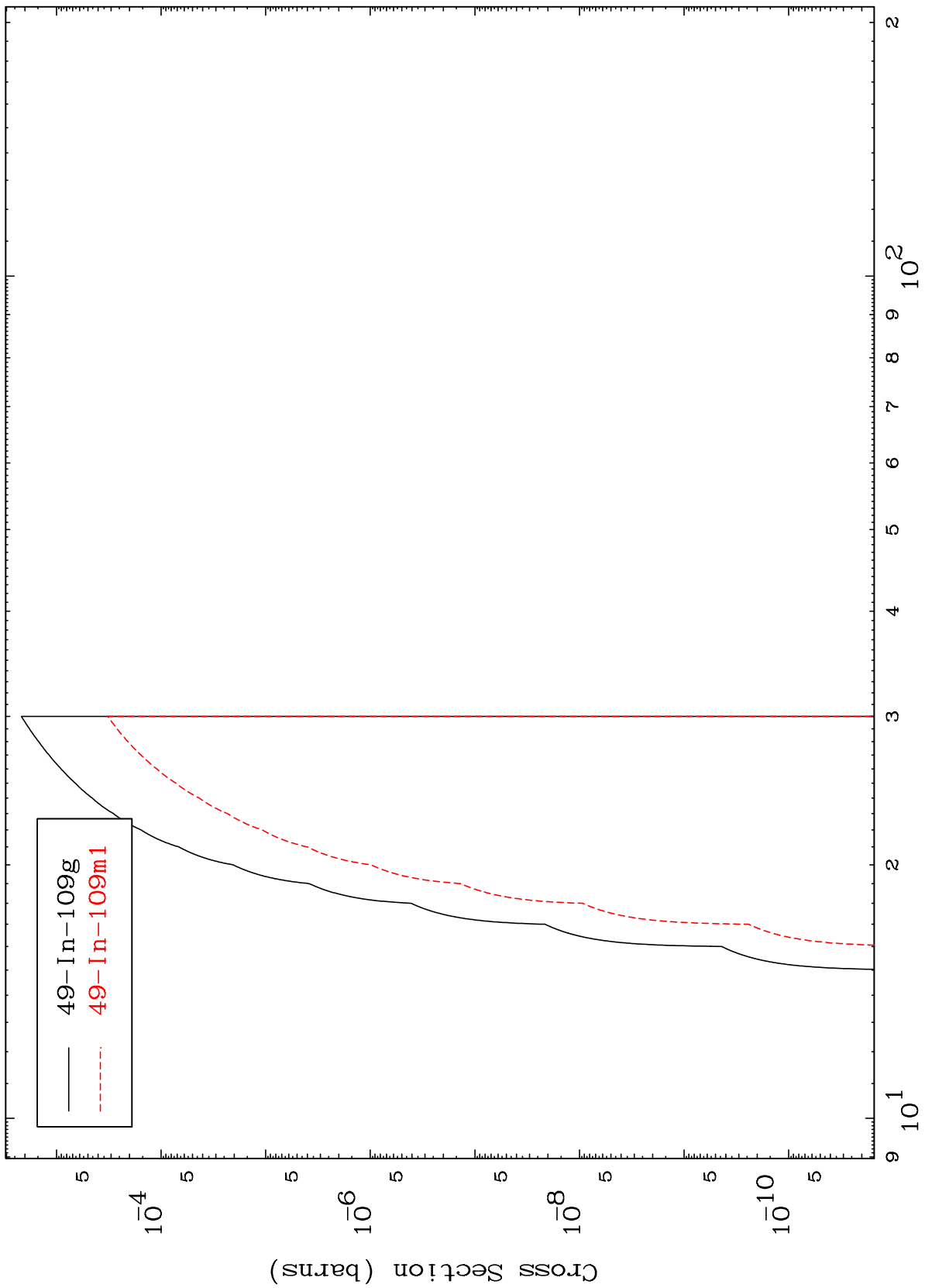
51-Sb-112

MAT 5098

(n,p) t

51-Sb-112

Radionuclide Production Cross Section



113

Incident Energy (MeV)

51-Sb-112