

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

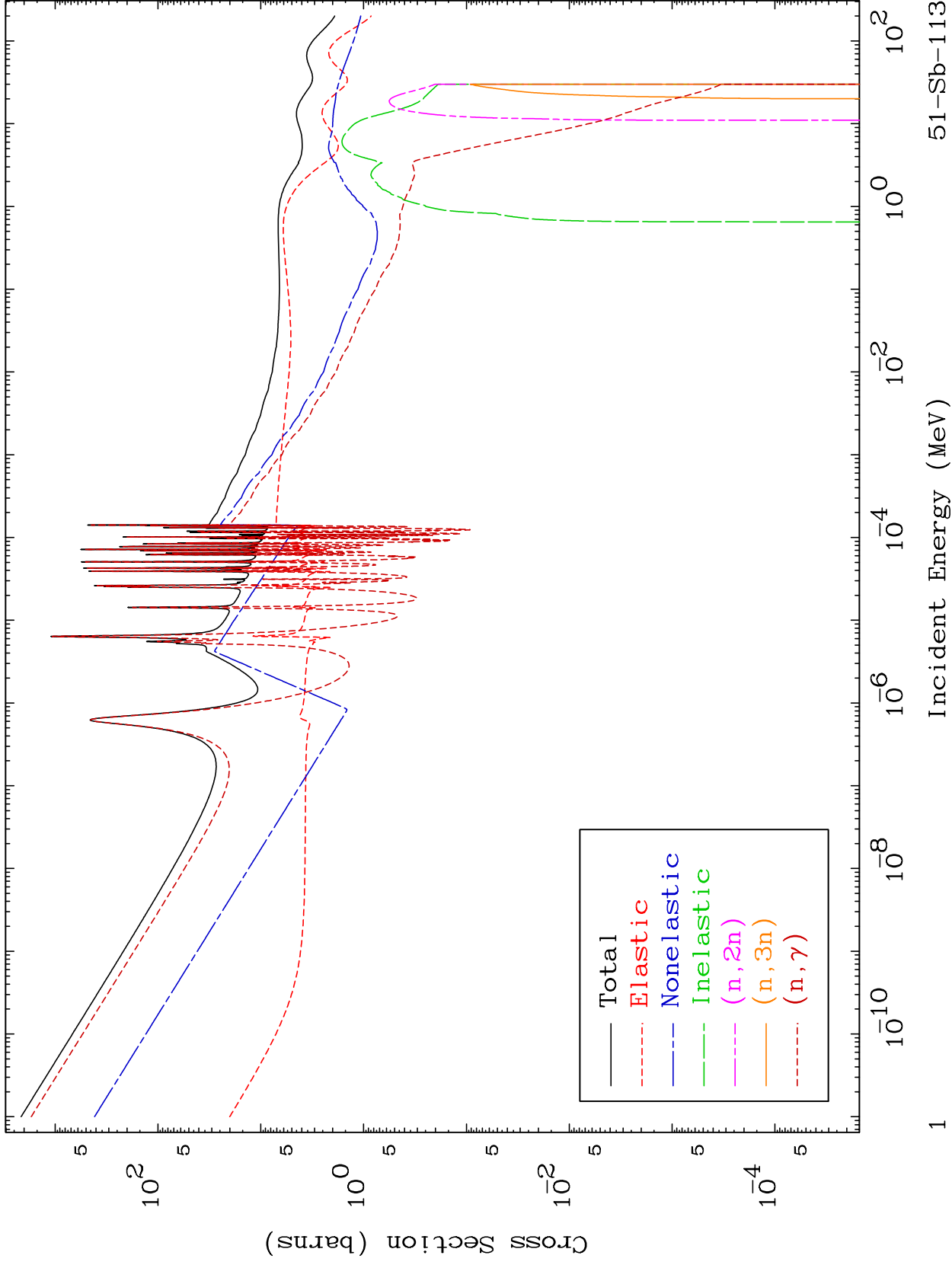
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5101

Neutron Major
293 Kelvin Cross Sections

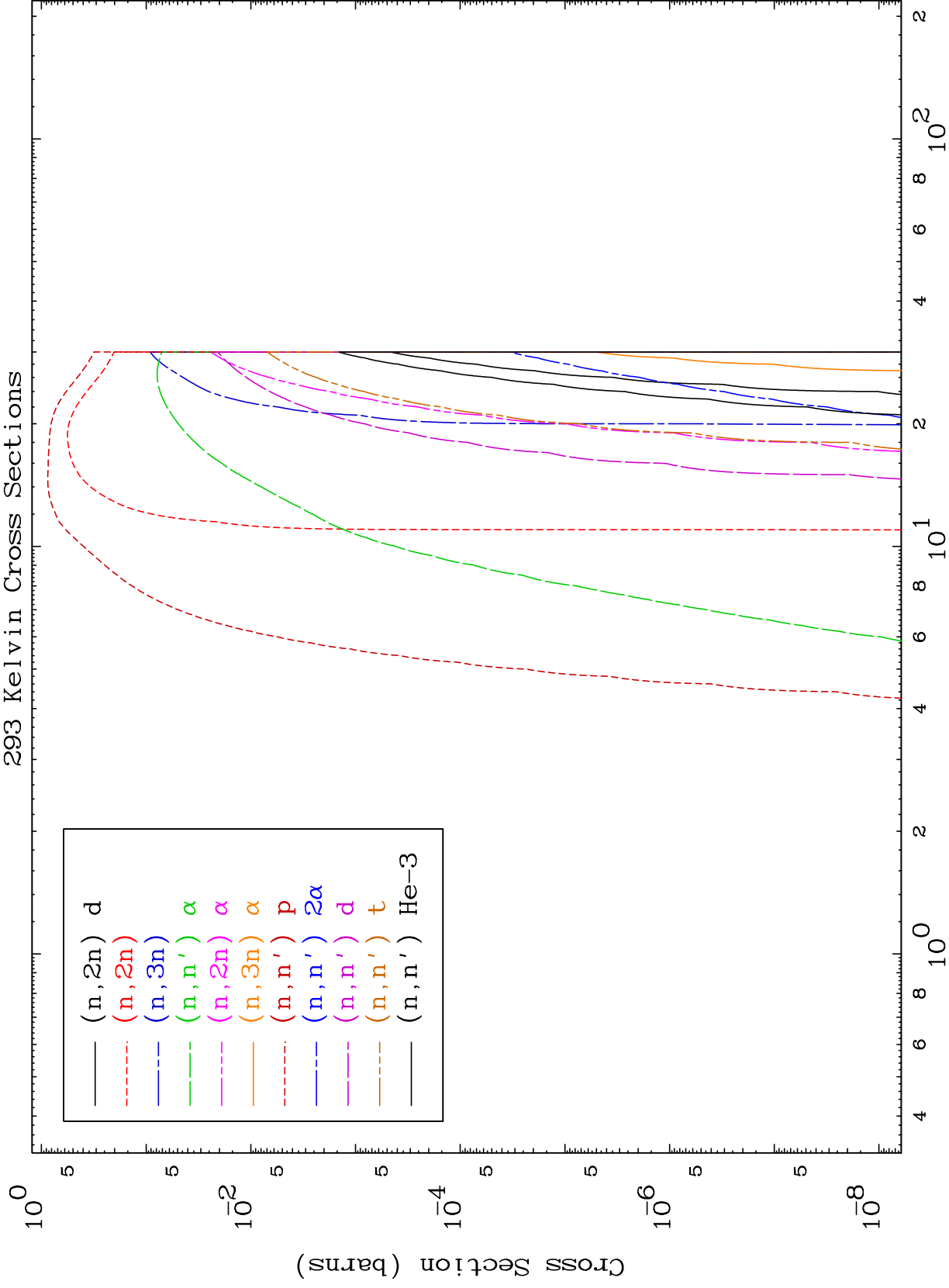
51-Sb-113



MAT 5101

Neutron Absorption
293 Kelvin Cross Sections

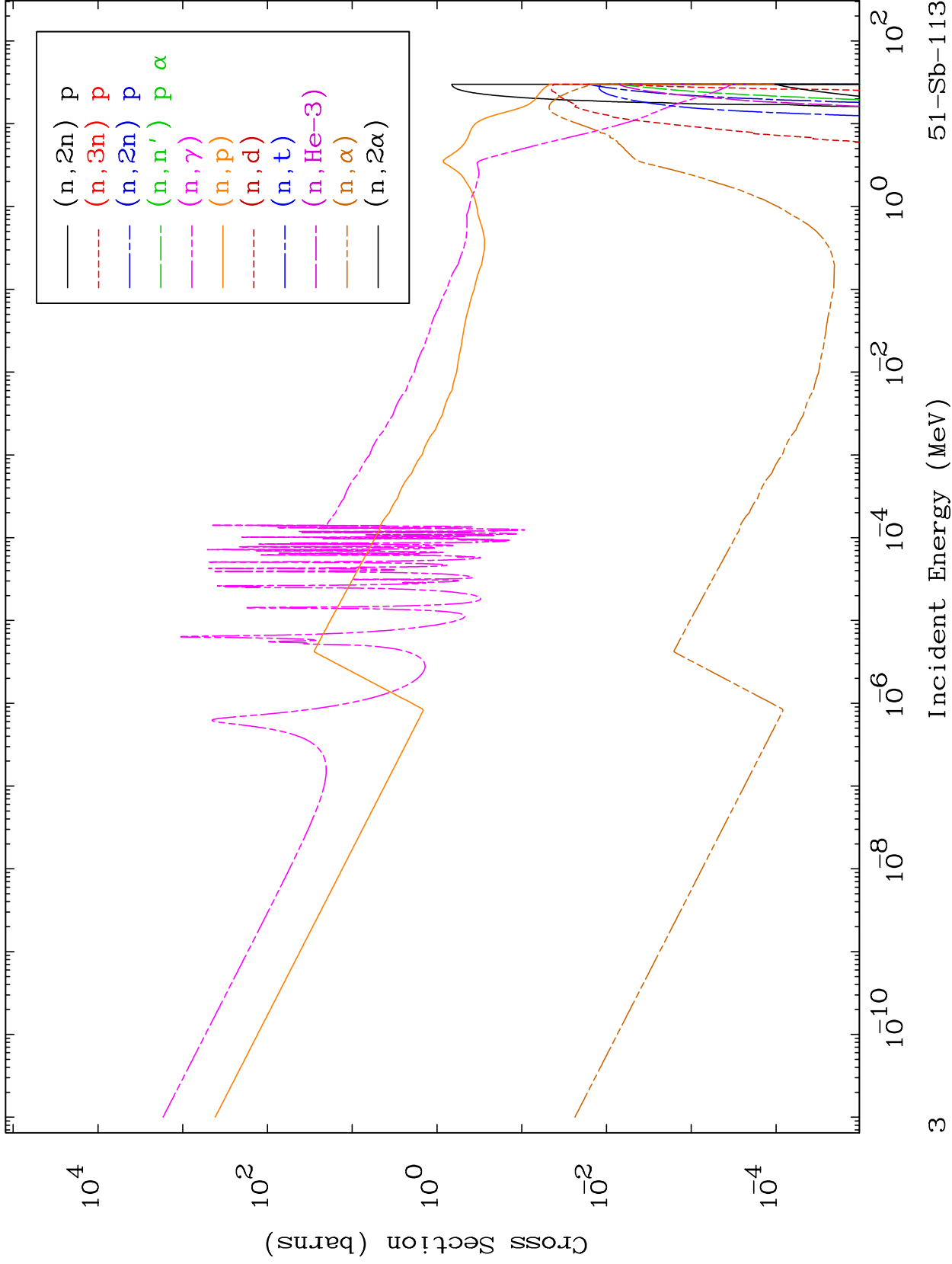
51-Sb-113

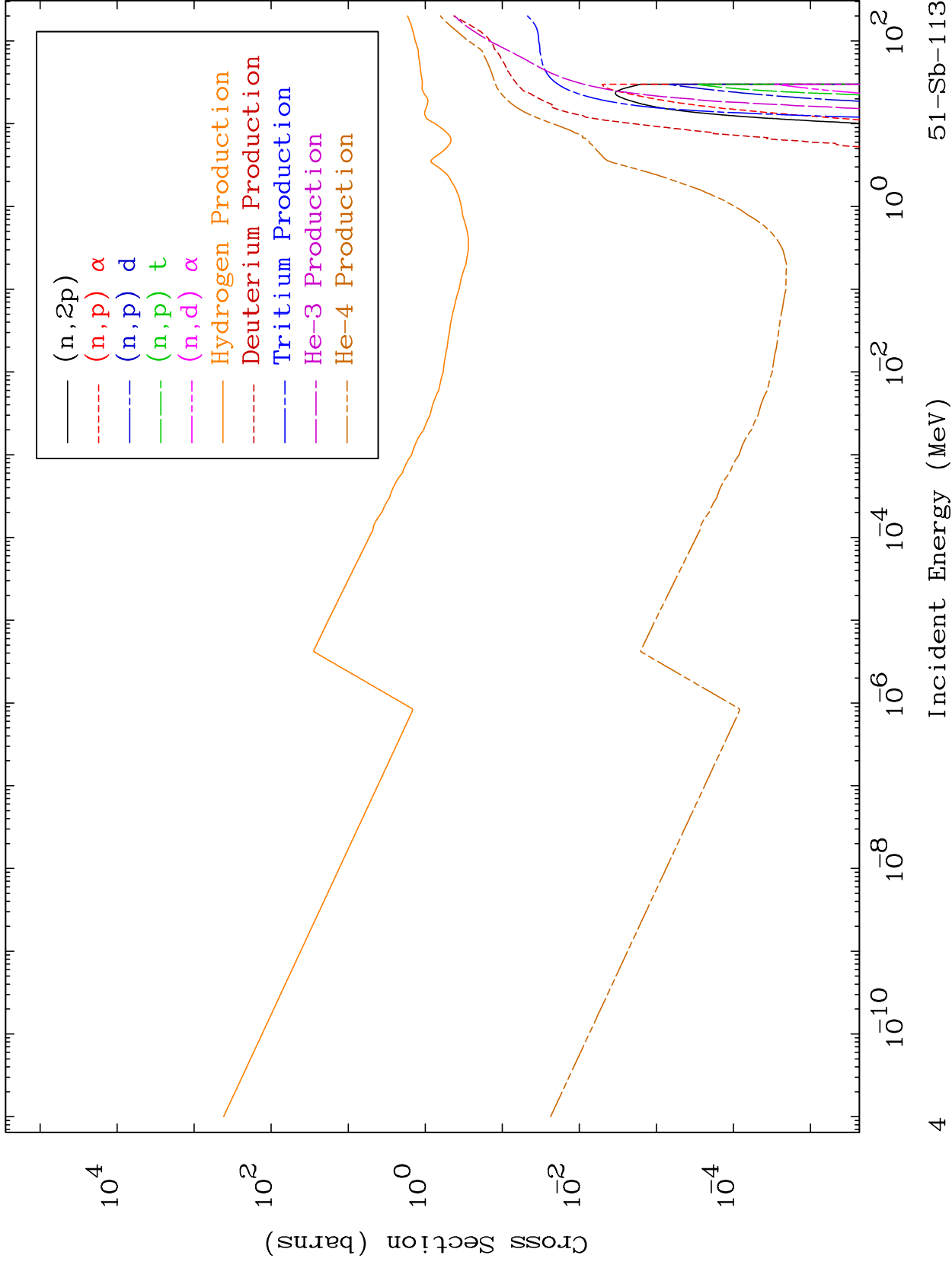


2

Incident Energy (MeV)

51-Sb-113

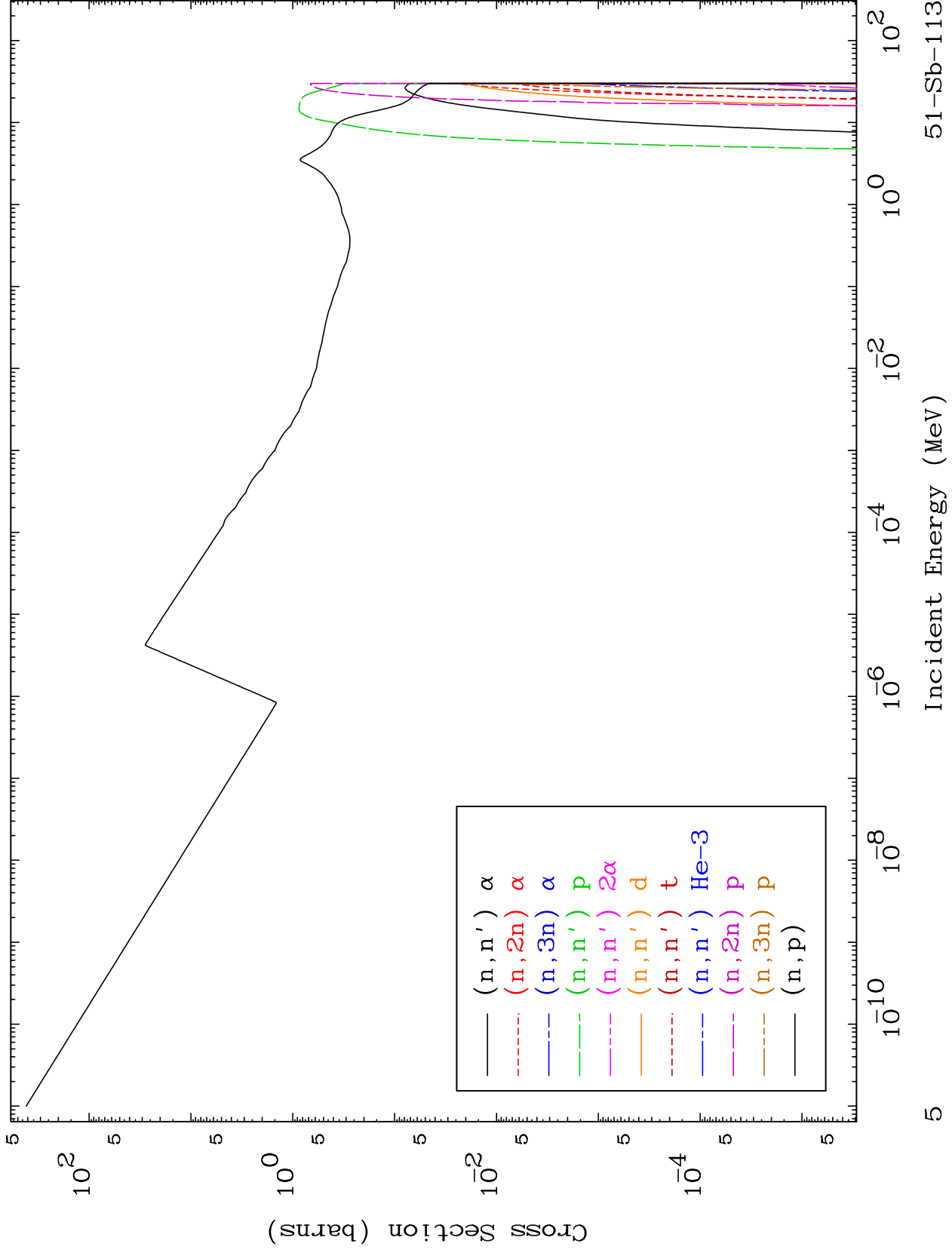




MAT 5101

Charged Particle
293 Kelvin Cross Sections

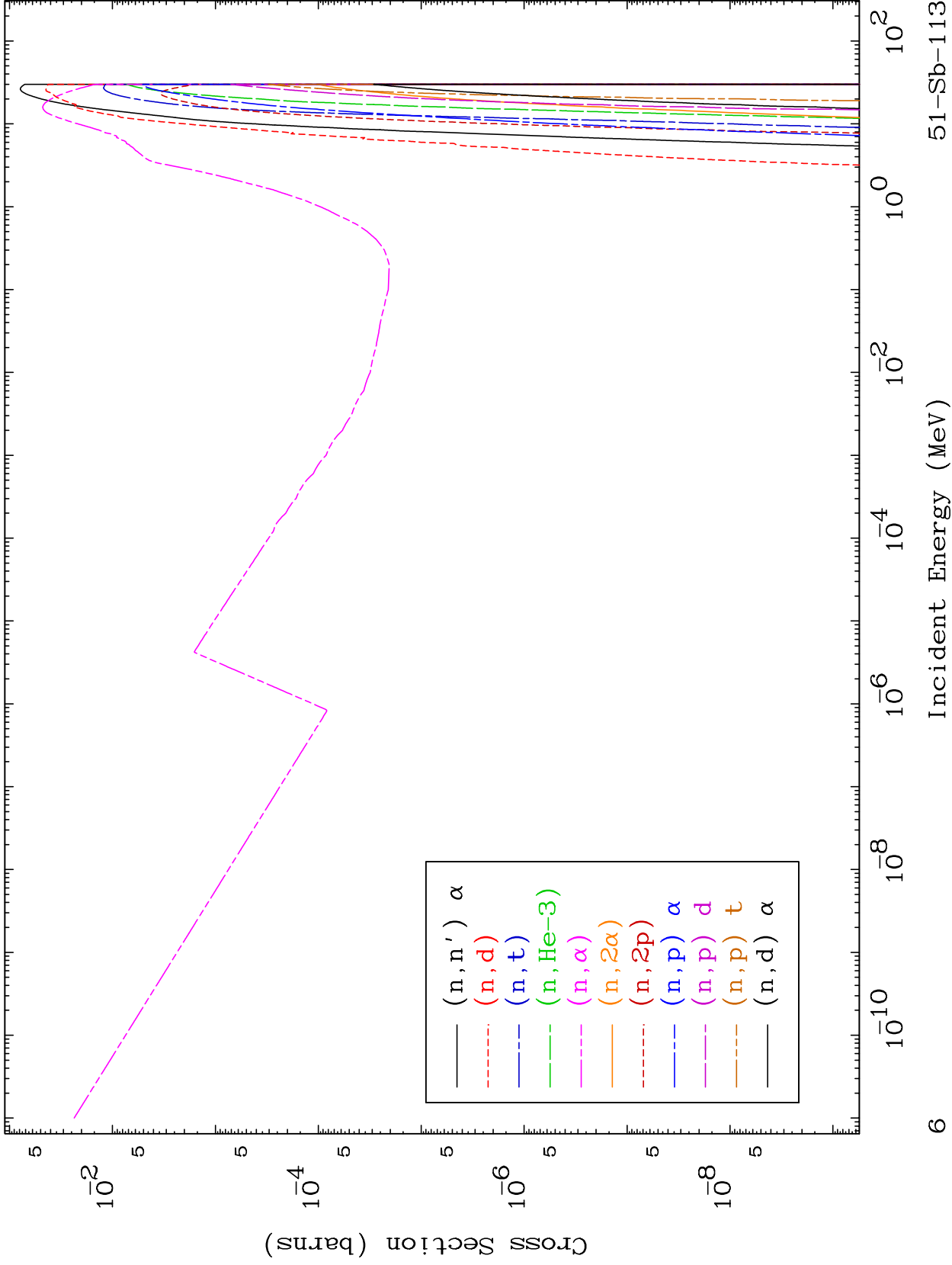
51-Sb-113



MAT 5101

Charged Particle
293 Kelvin Cross Sections

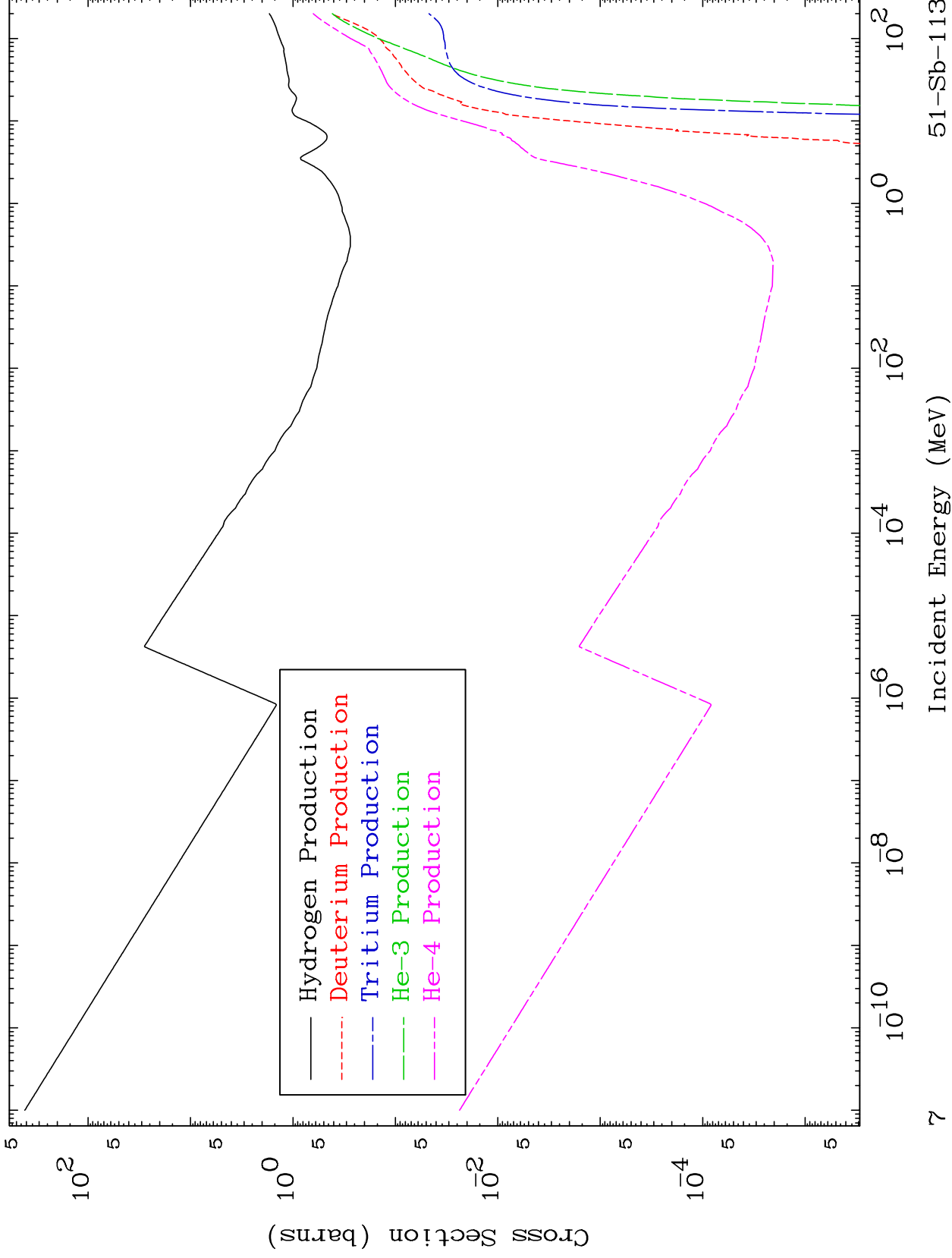
51-Sb-113



MAT 5101

Particle Production
293 Kelvin Cross Sections

51-Sb-113

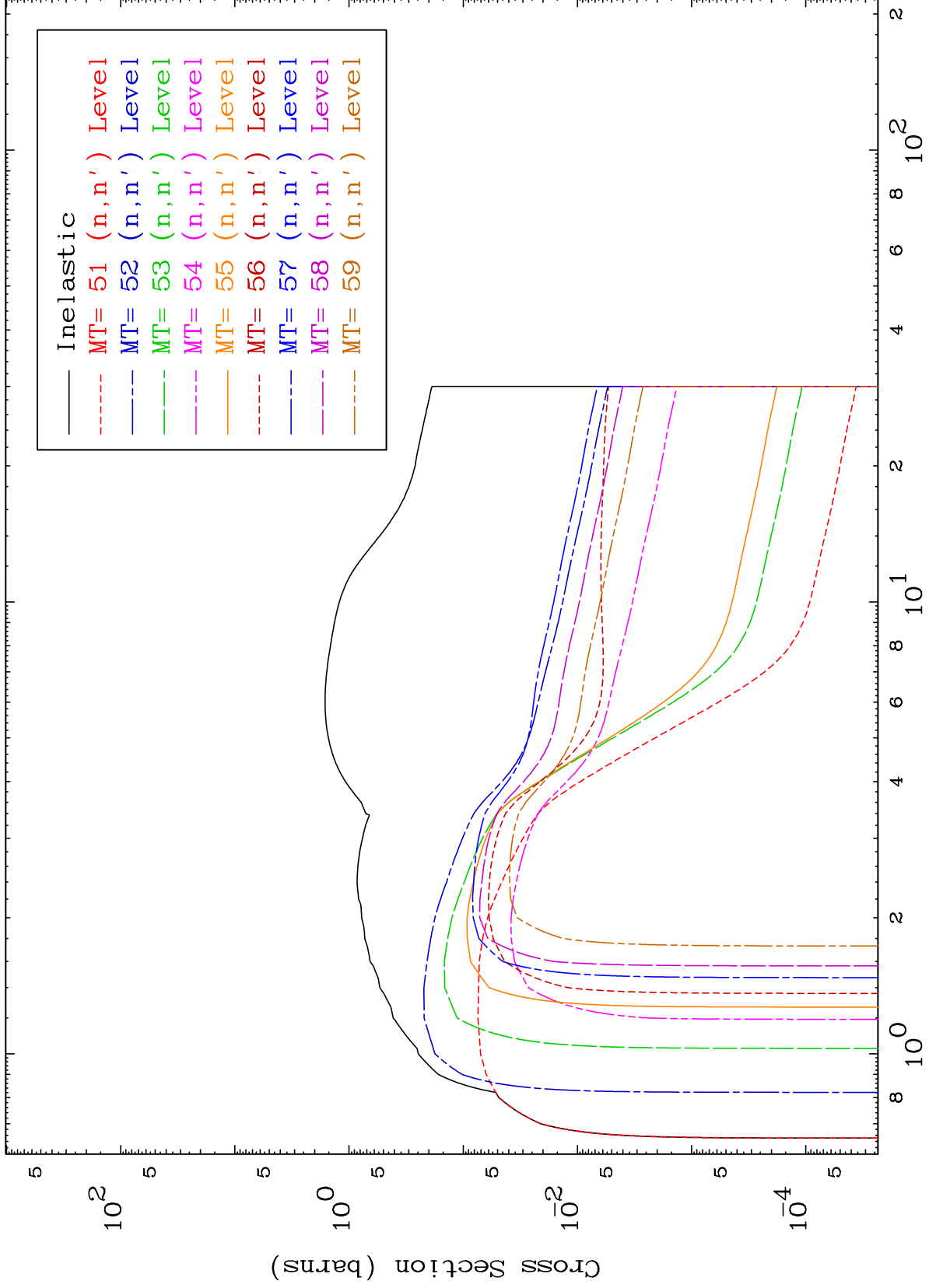


MAT 5101

(n,n') Levels

51-Sb-113

293 Kelvin Cross Sections

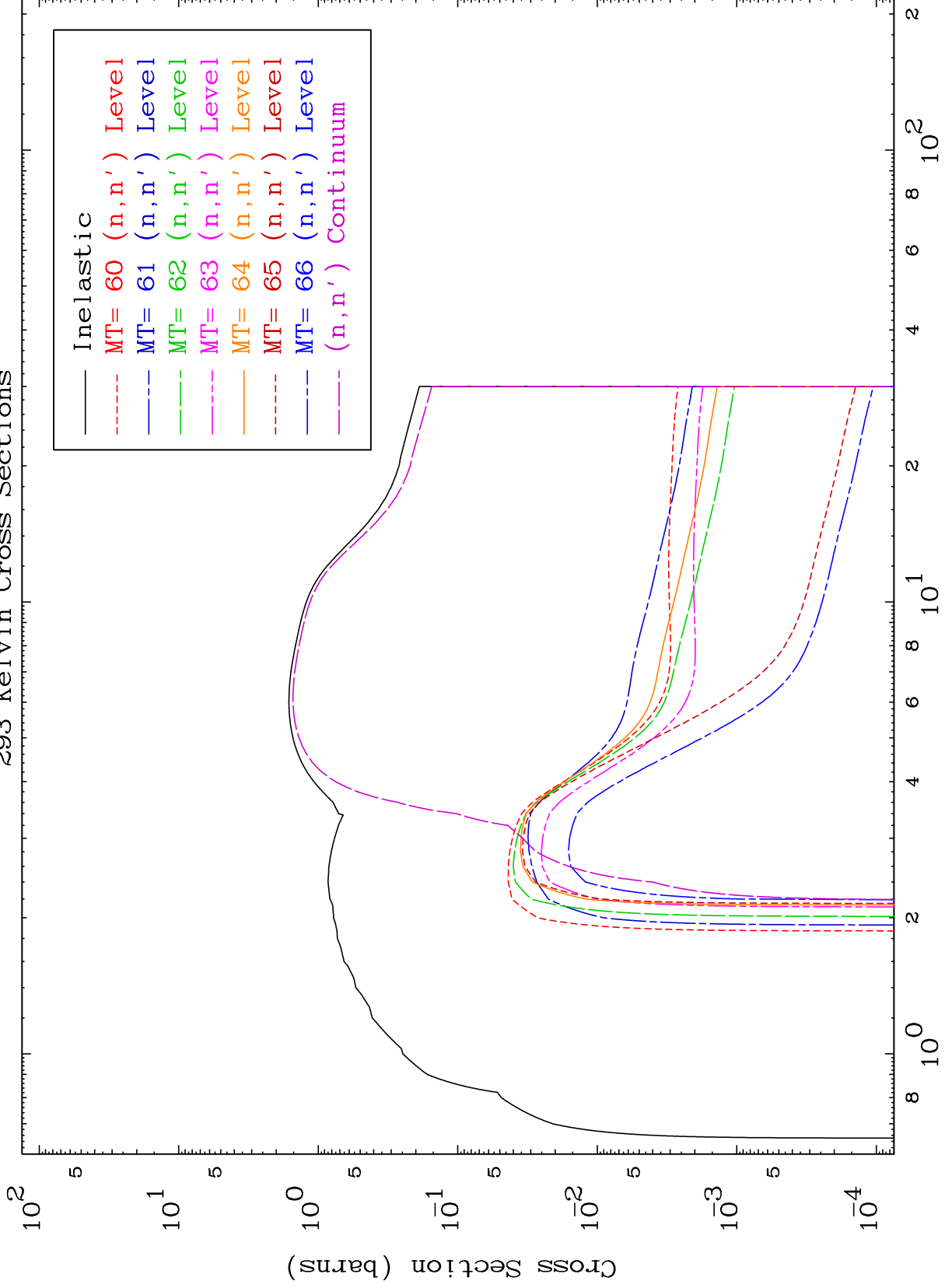


8

Incident Energy (MeV)

51-Sb-113

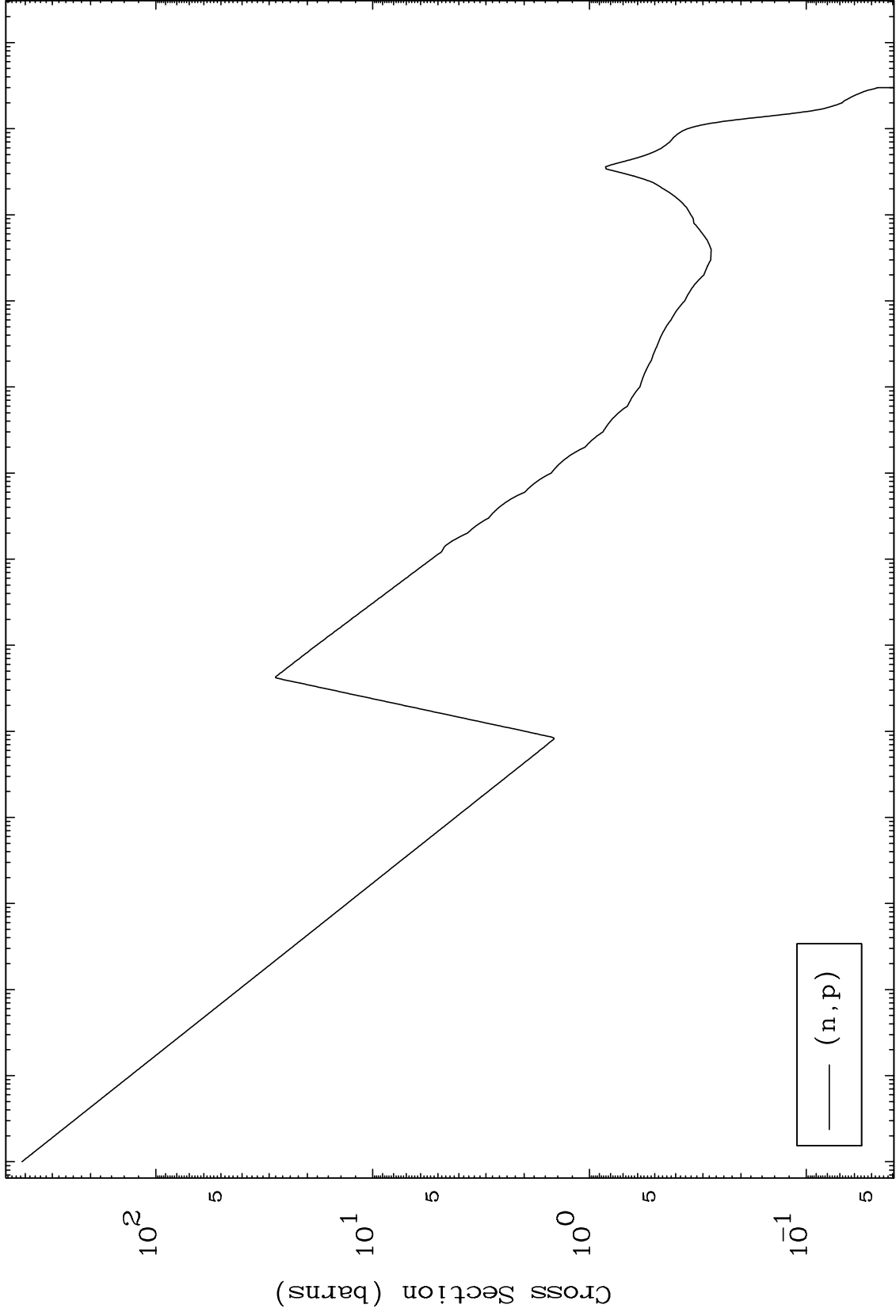
293 Kelvin Cross Sections



MAT 5101

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-113



(n,p)

10

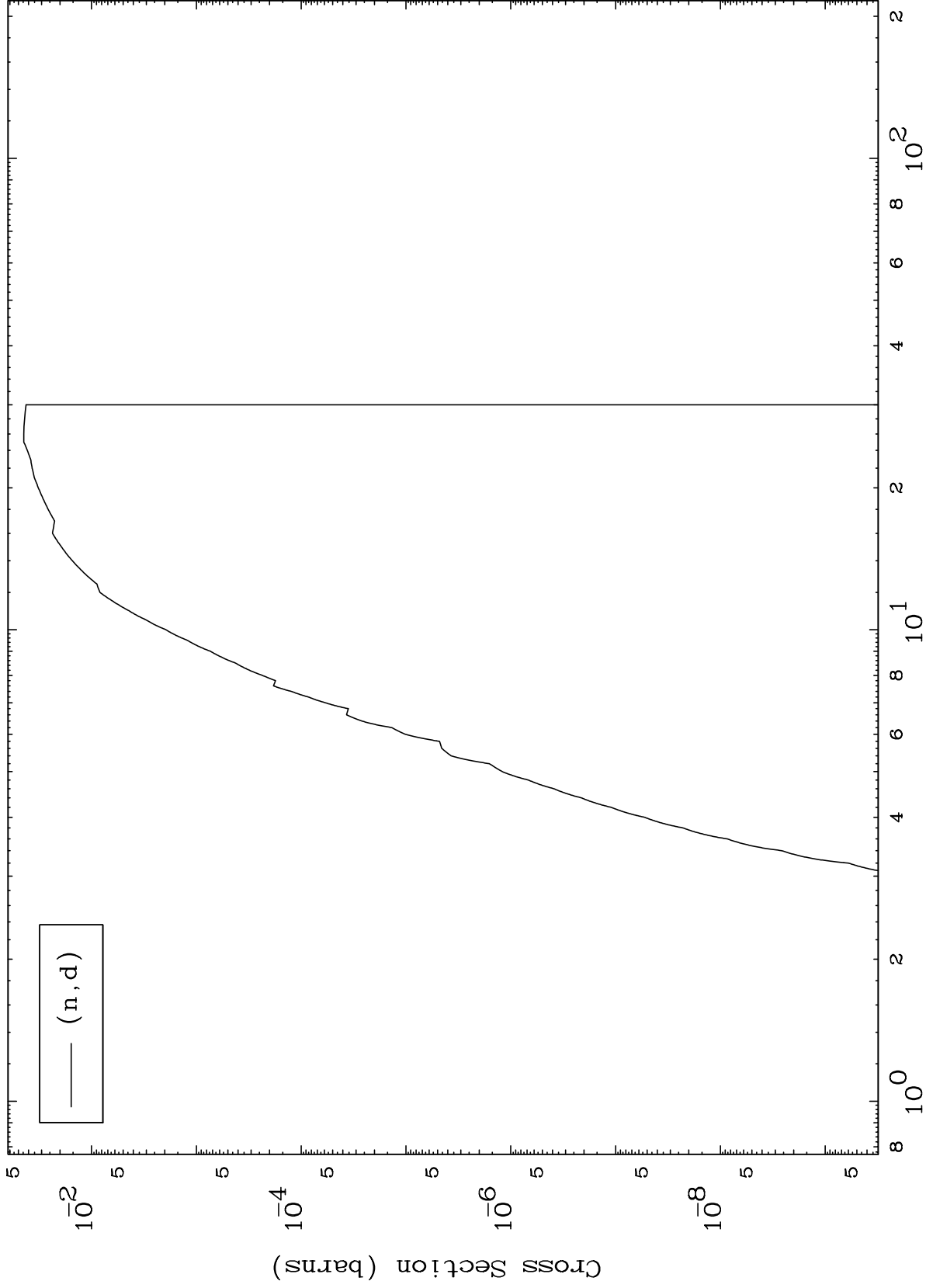
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-113



11

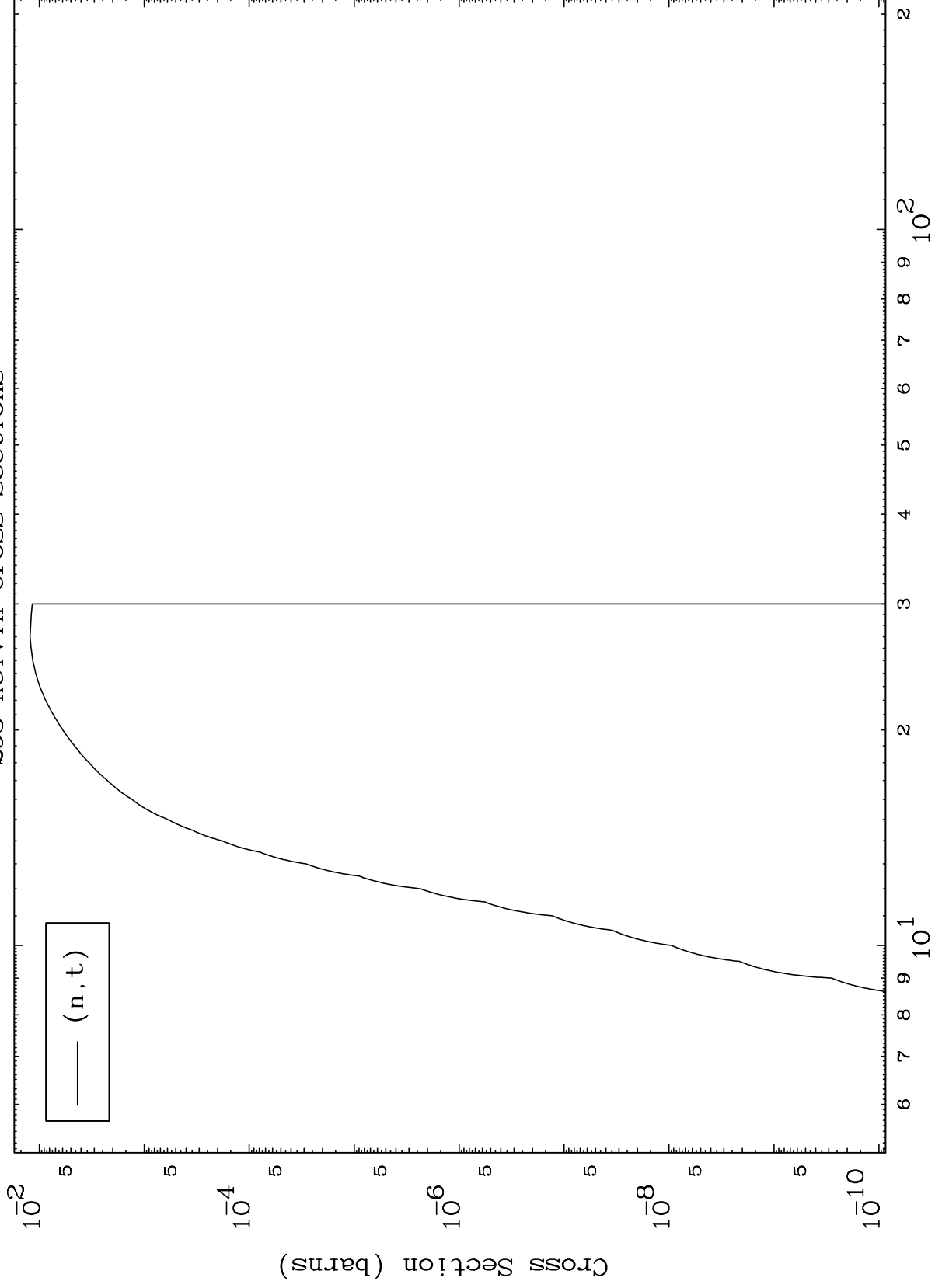
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-113



12

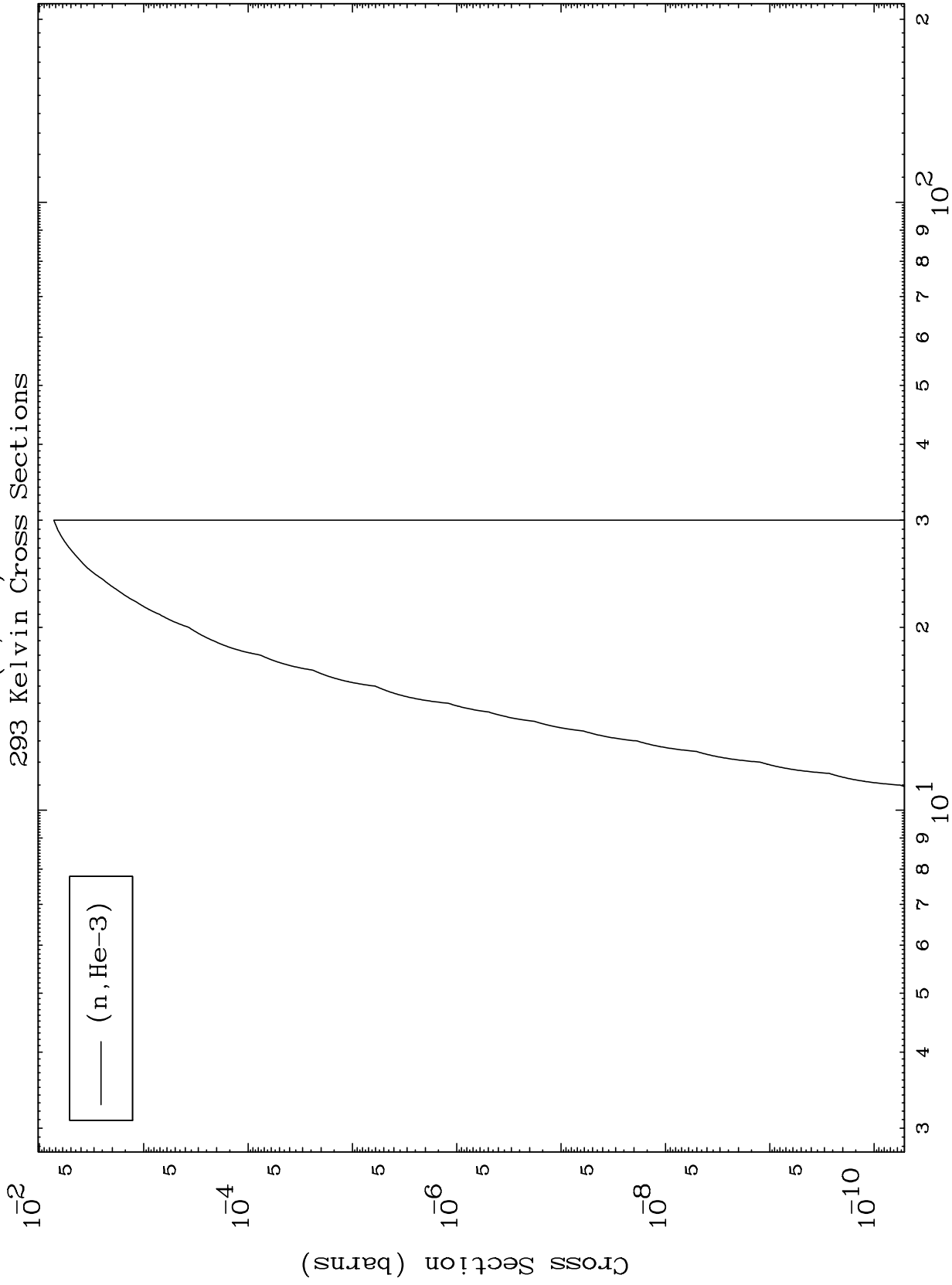
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-113



13

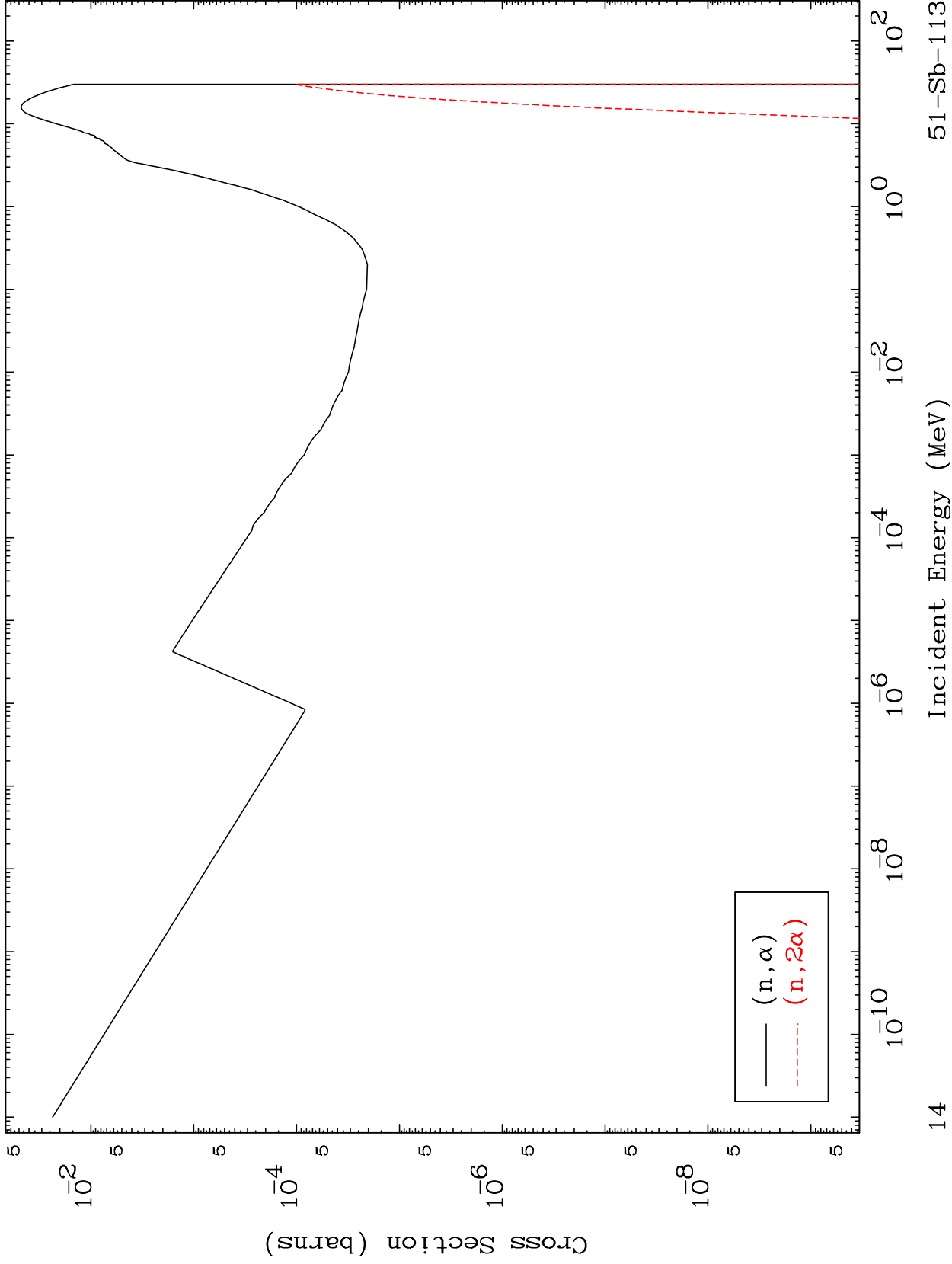
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n, α) Levels
293 Kelvin Cross Sections

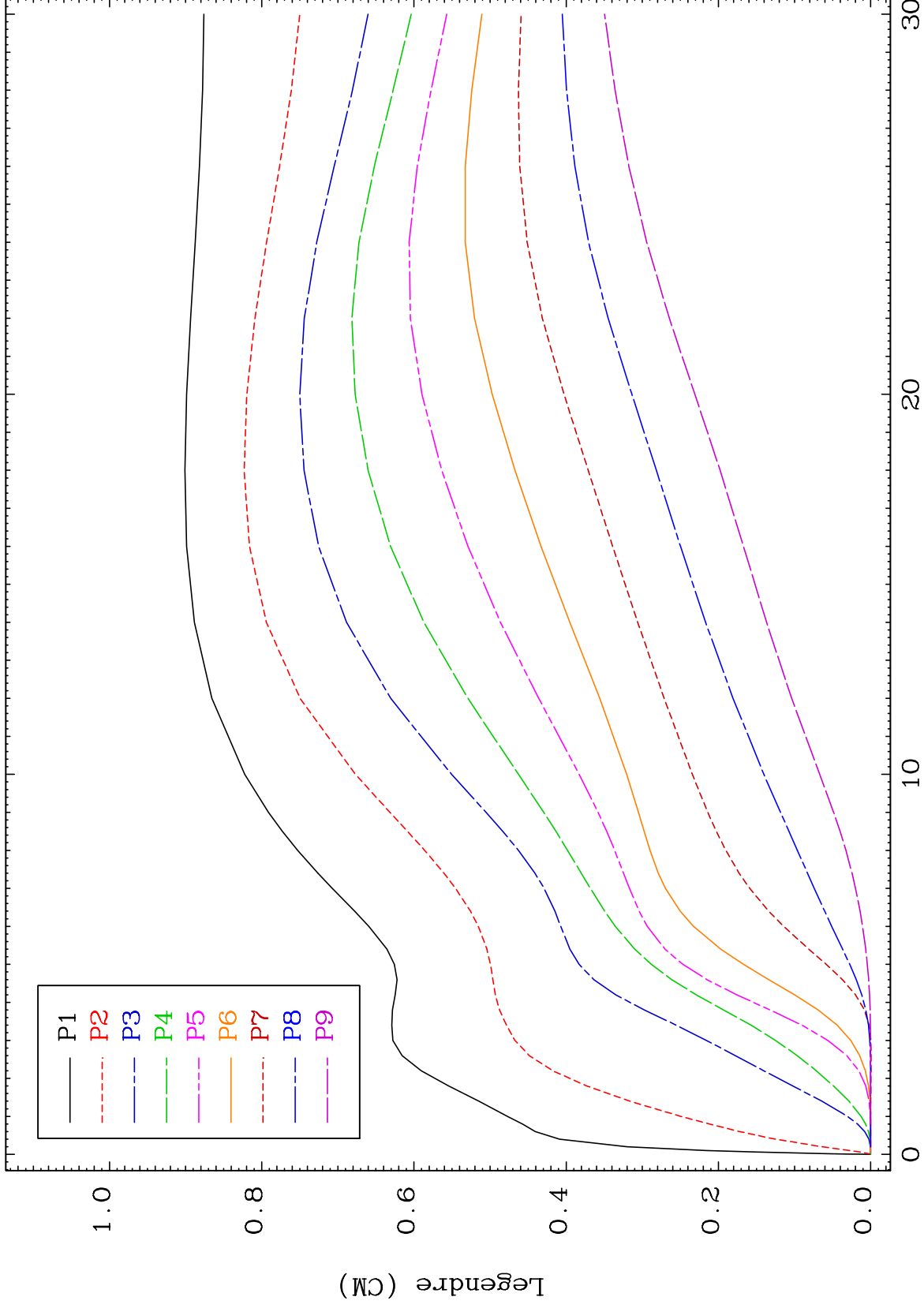
51-Sb-113



MAT 5101

Elastic Legendre Coefficients

51-Sb-113

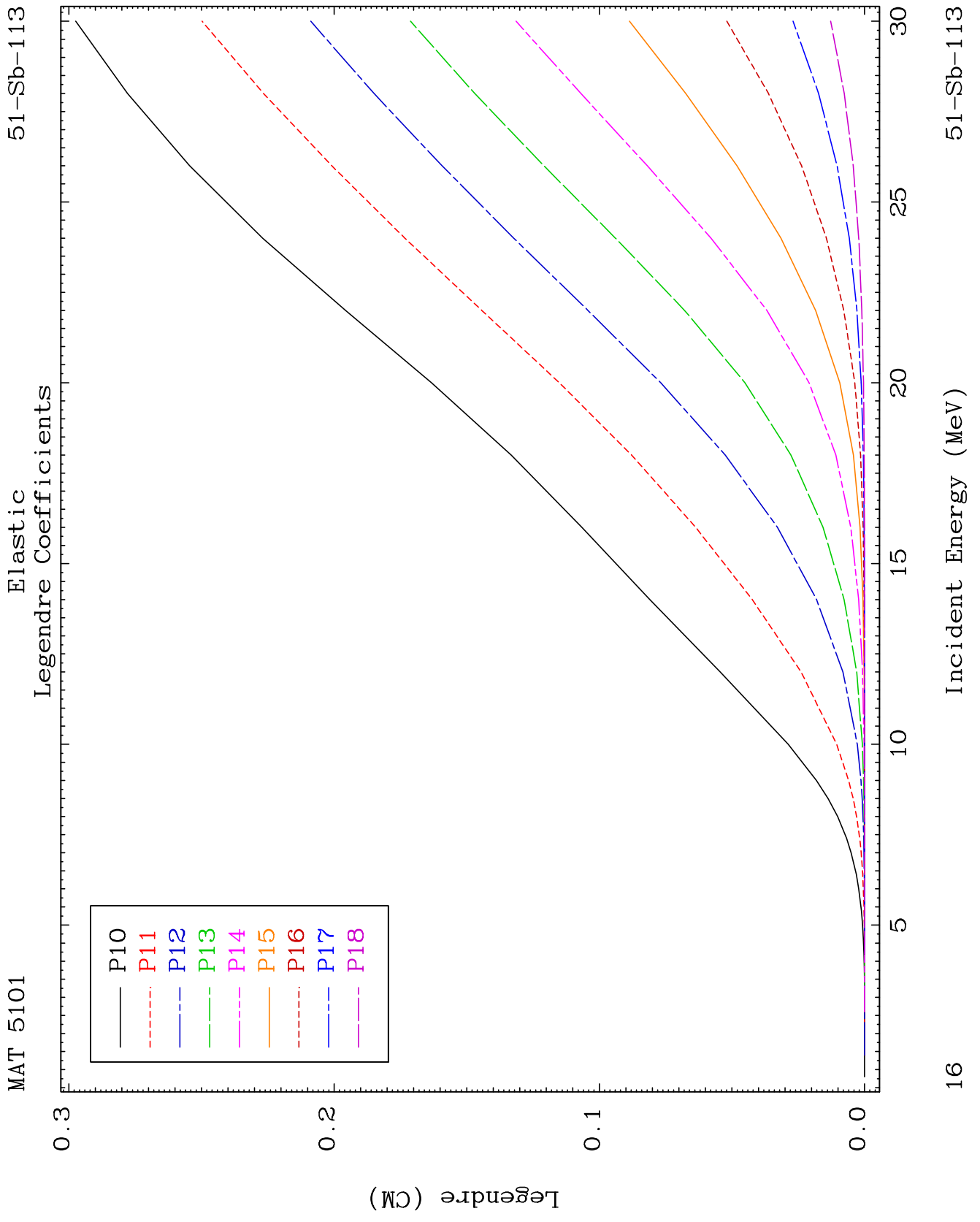


0

15

Incident Energy (MeV)

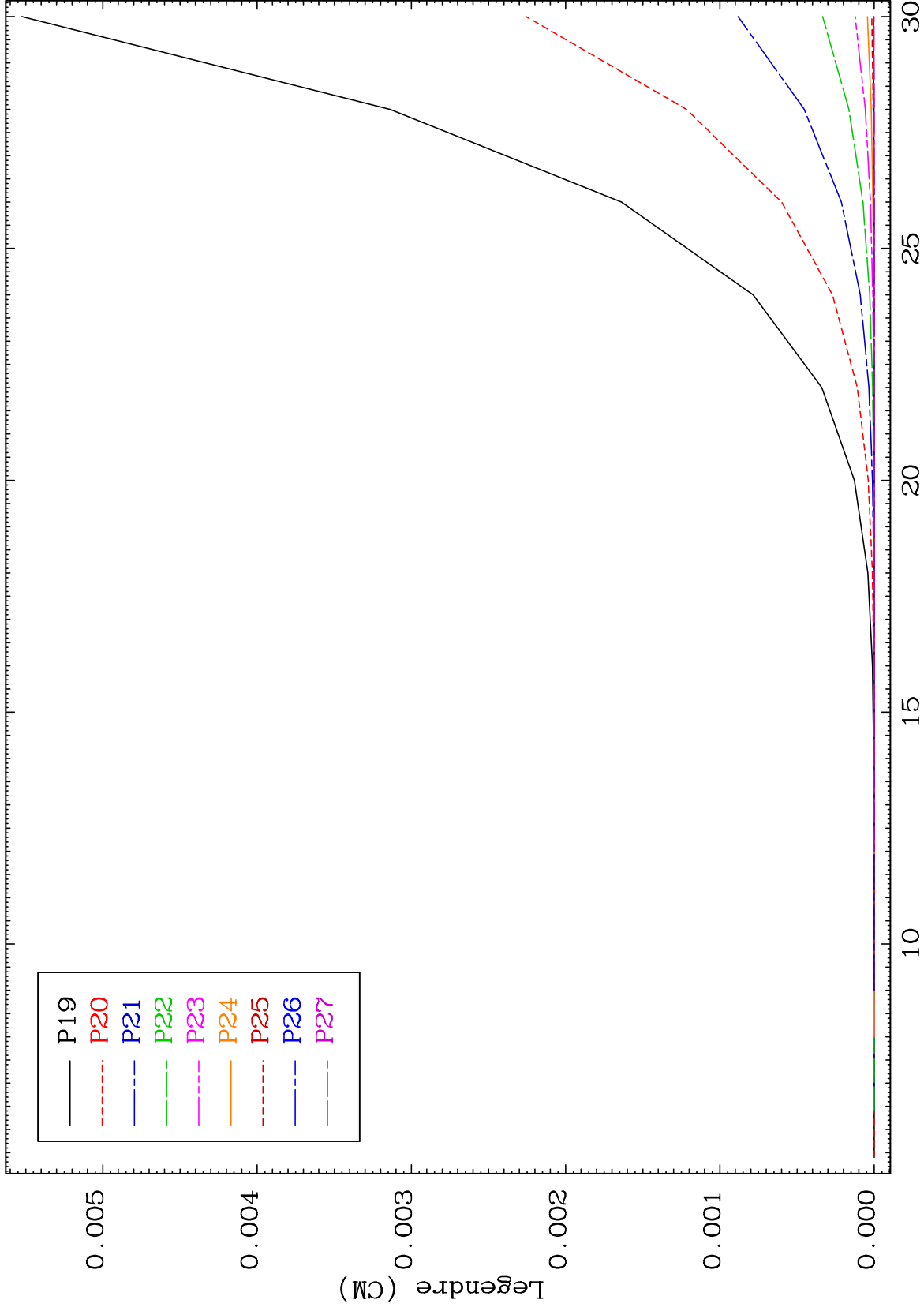
51-Sb-113



MAT 5101

Elastic Legendre Coefficients

51-Sb-113



17

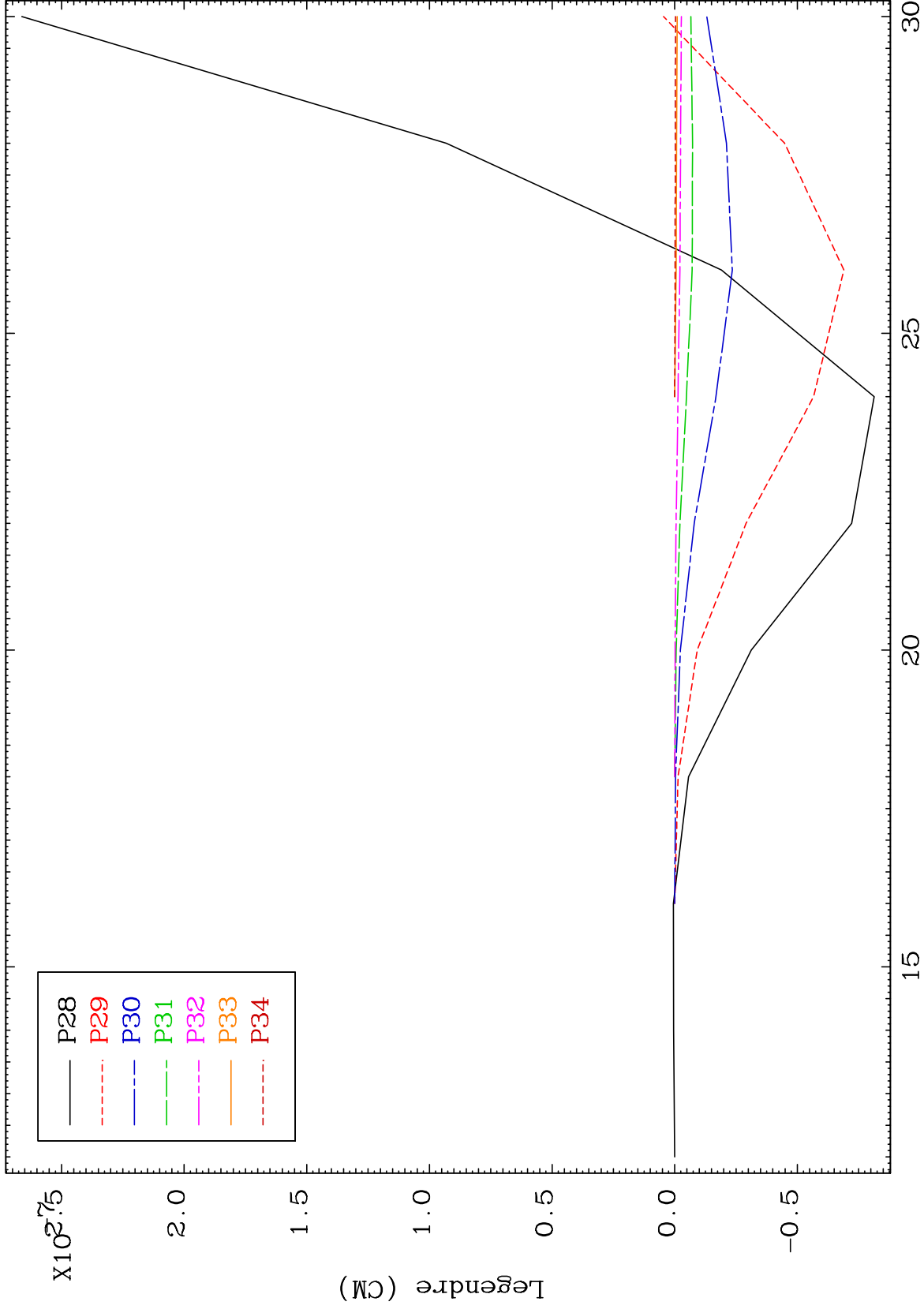
Incident Energy (MeV)

51-Sb-113

MAT 5101

Elastic
Legendre Coefficients

51-Sb-113



18

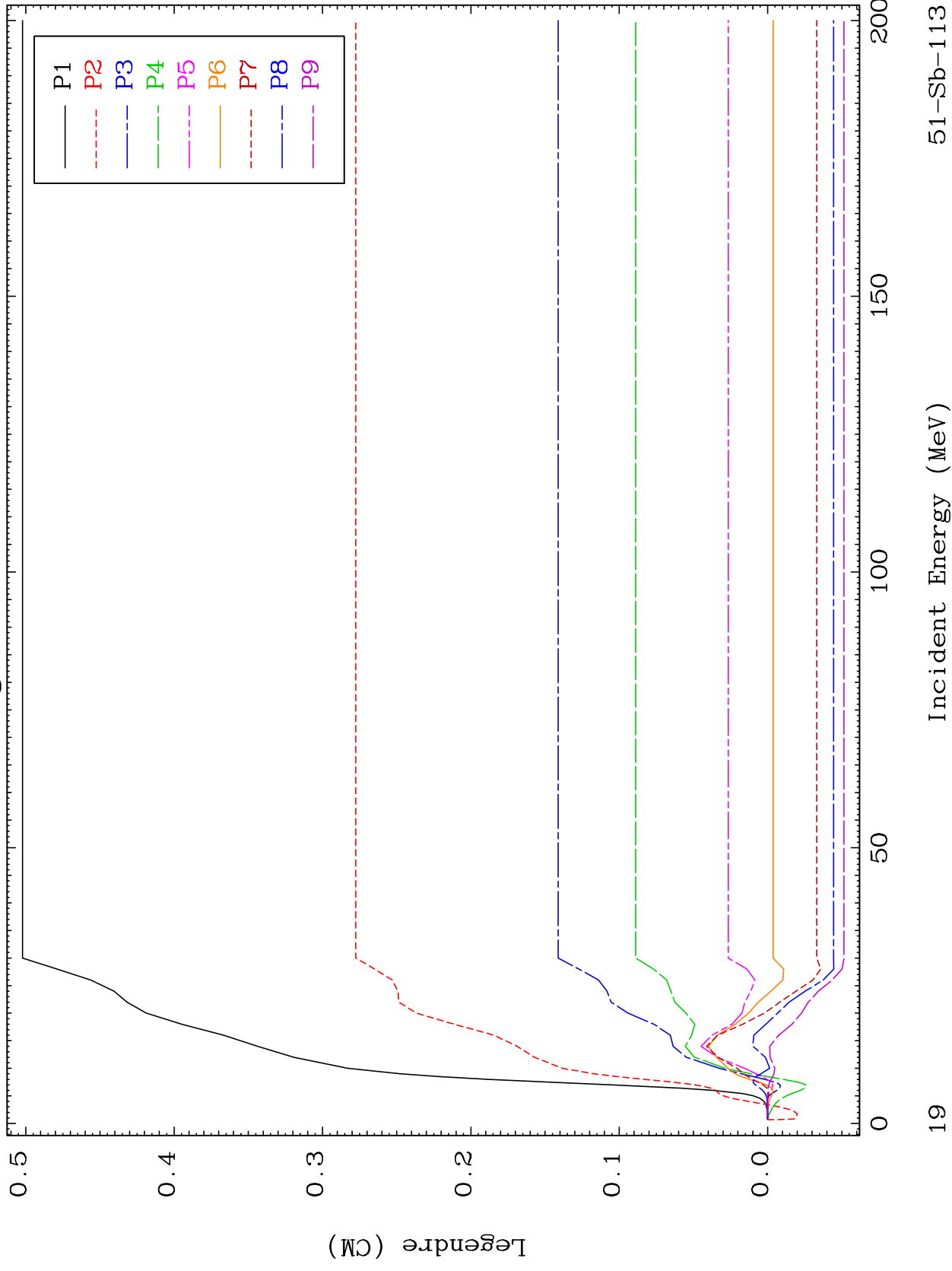
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

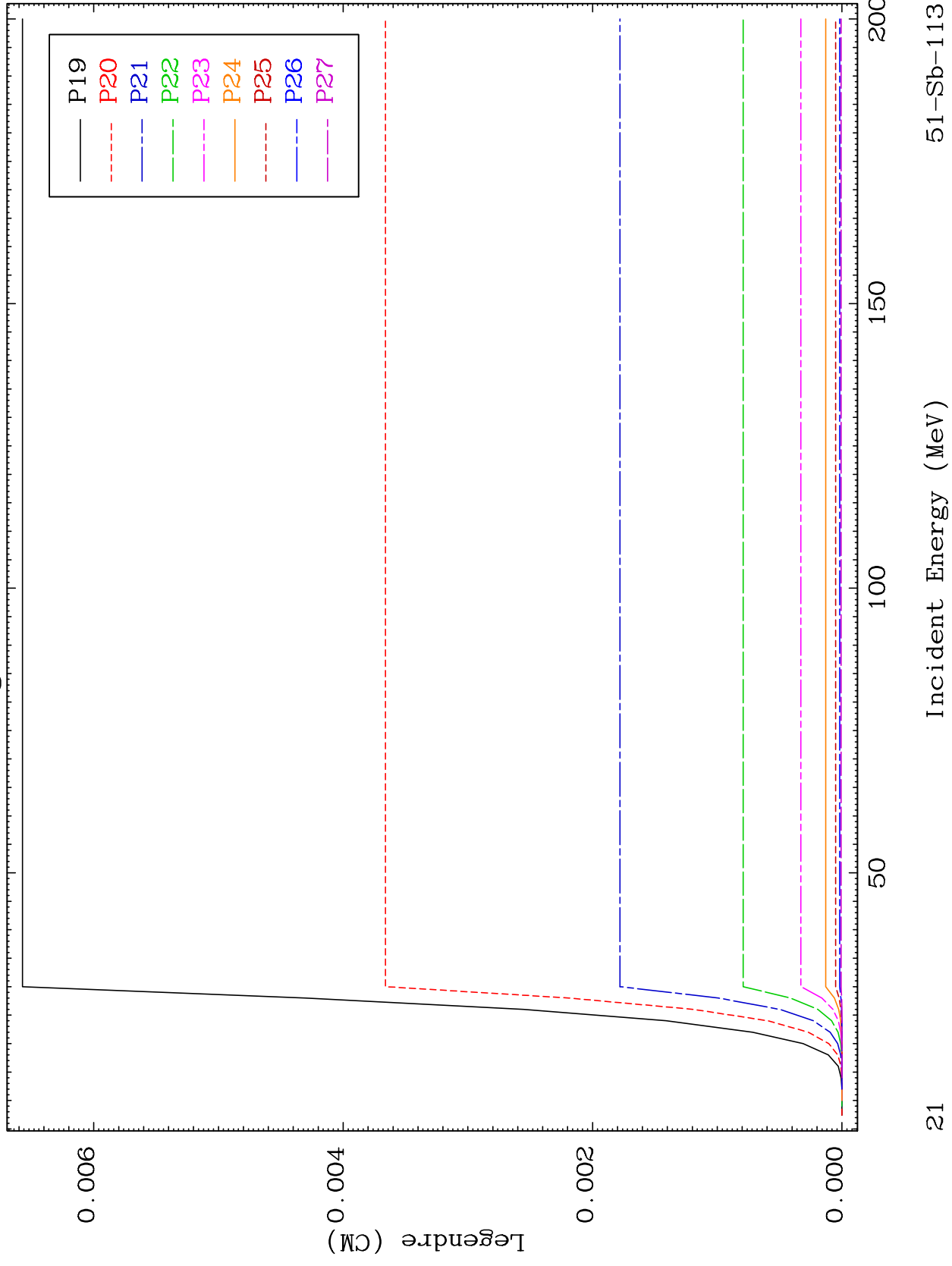
Incident Energy (MeV)

19

MAT 5101

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

51-Sb-113



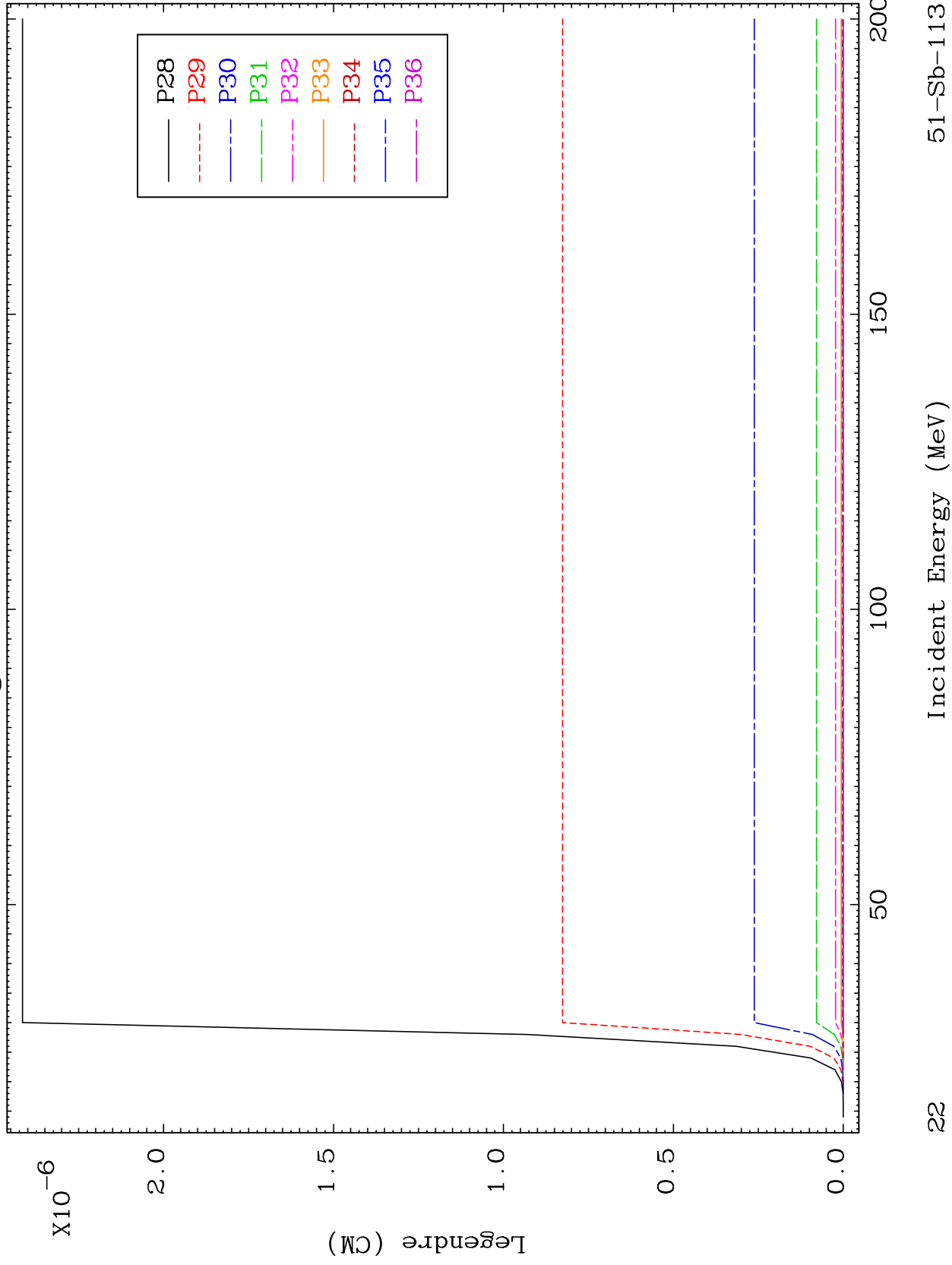
21

51-Sb-113

MAT 5101

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

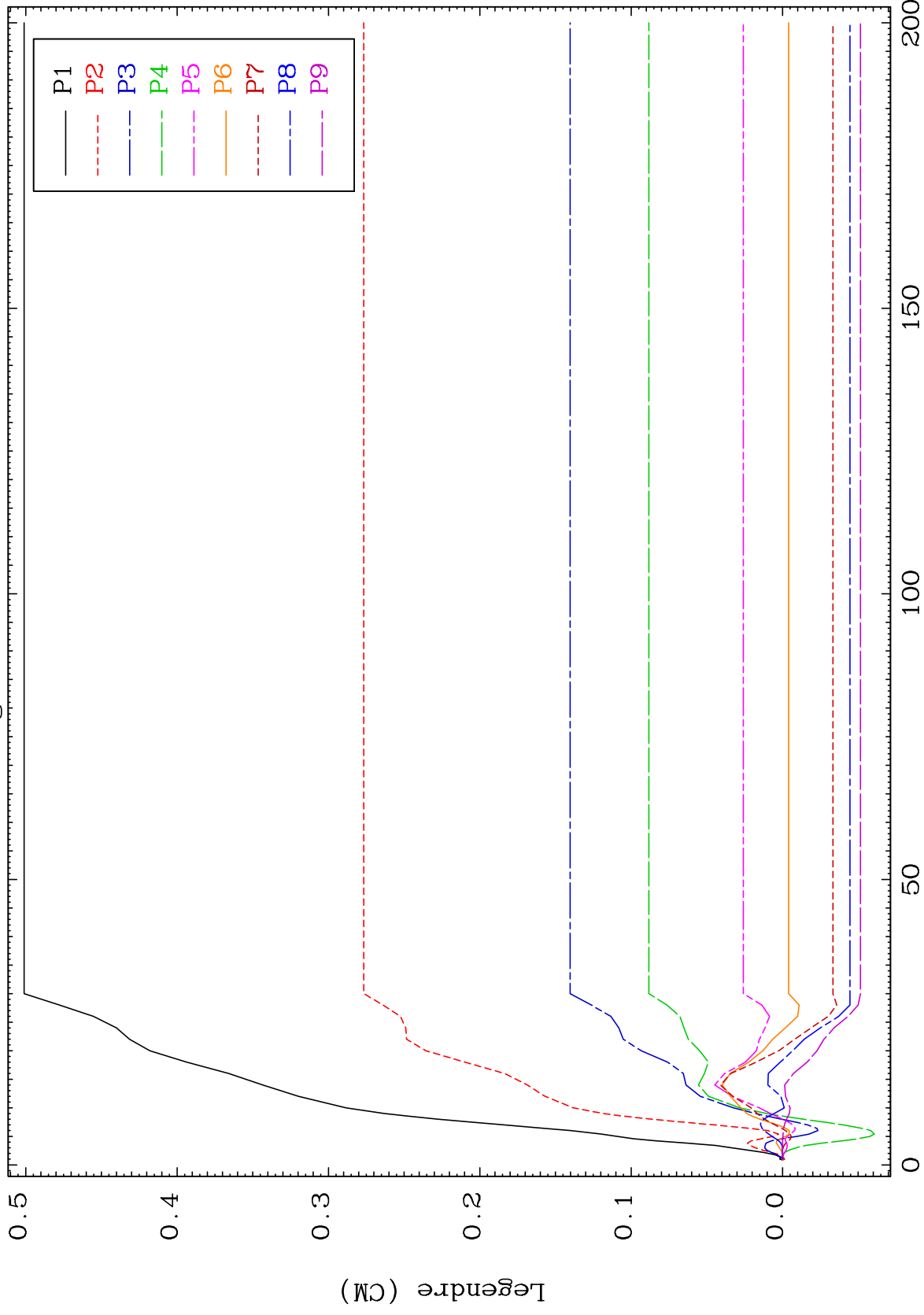
51-Sb-113



MAT 5101

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

51-Sb-113



51-Sb-113

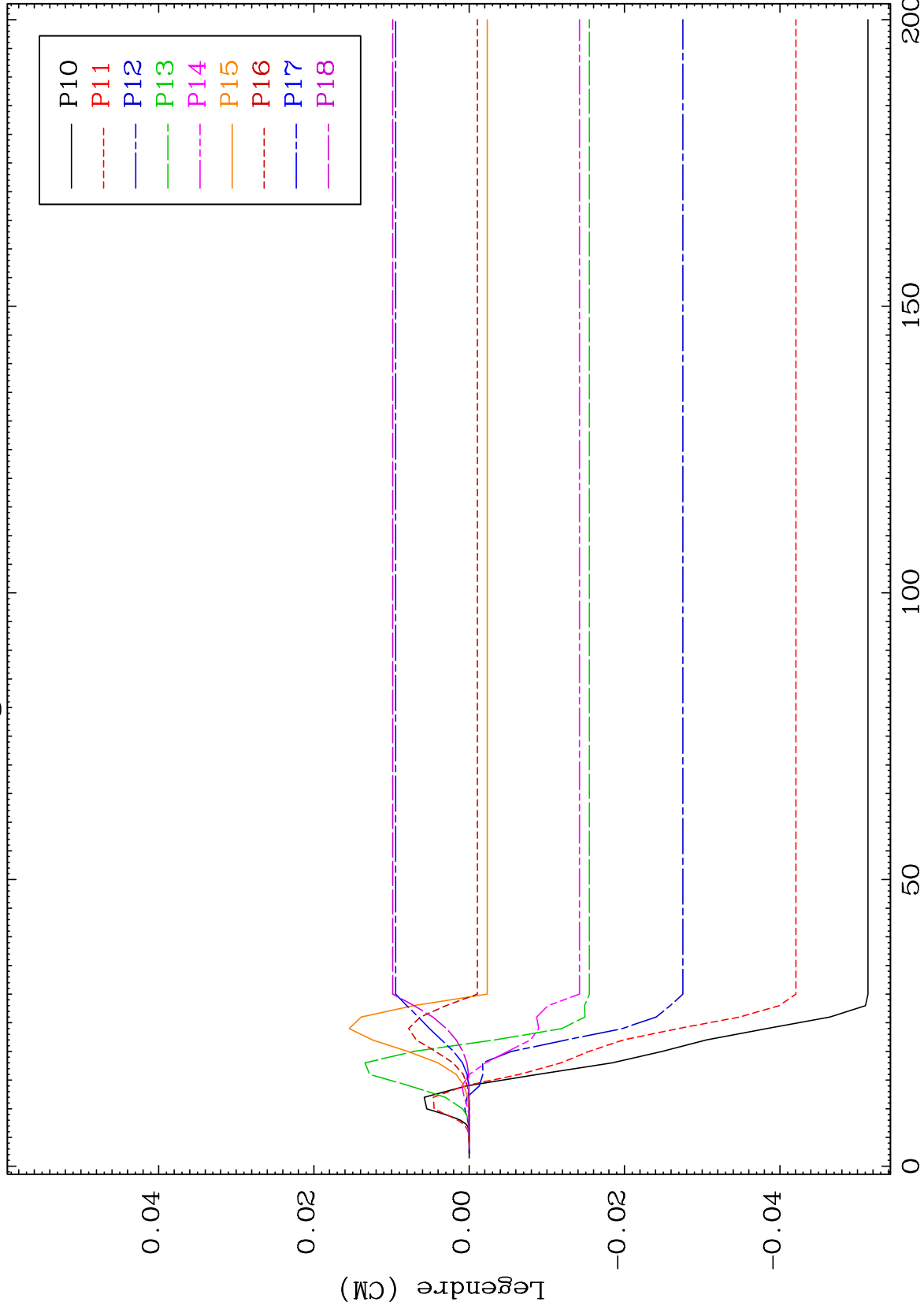
Incident Energy (MeV)

23

MAT 5101

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

51-Sb-113



24

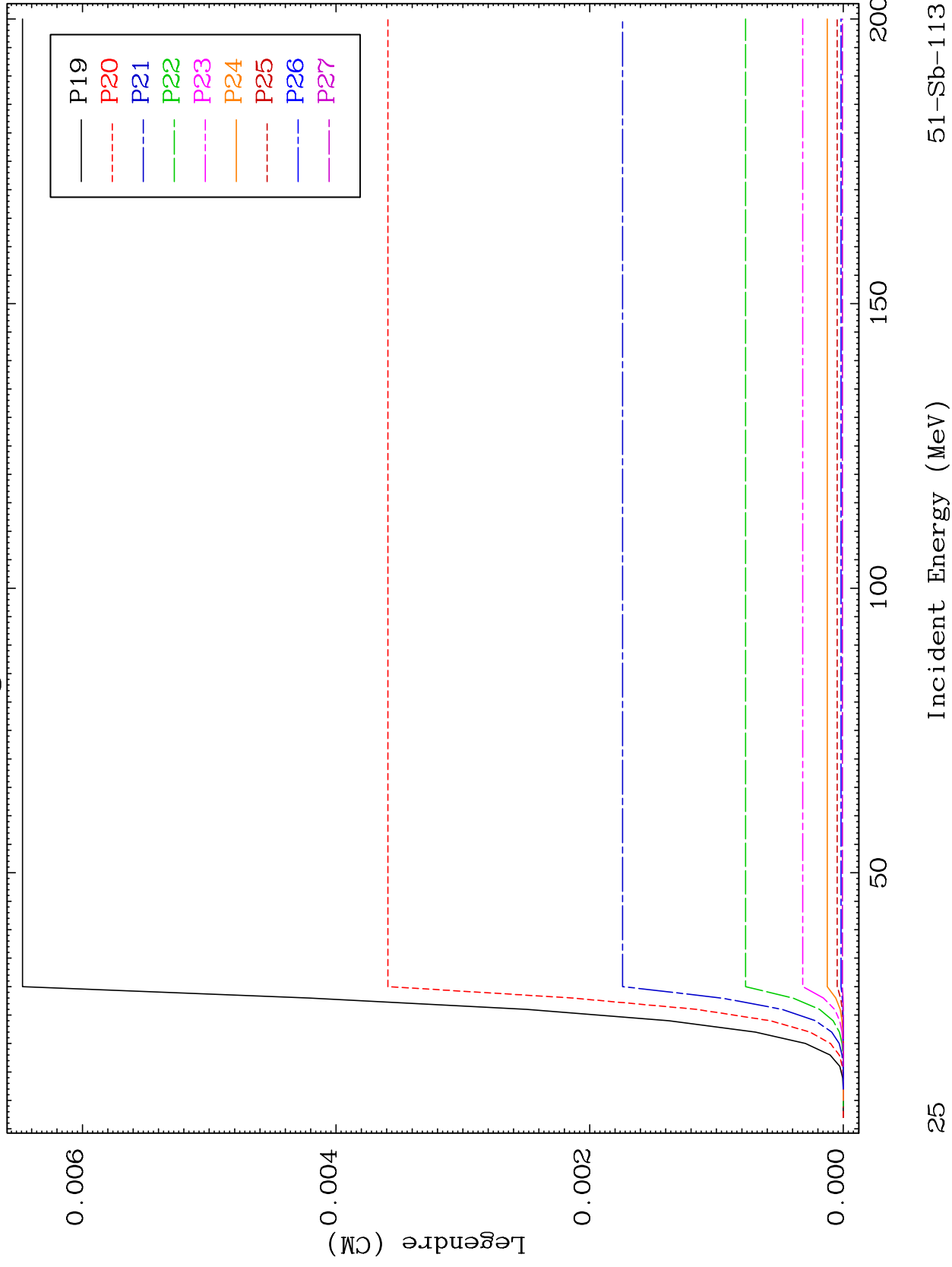
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

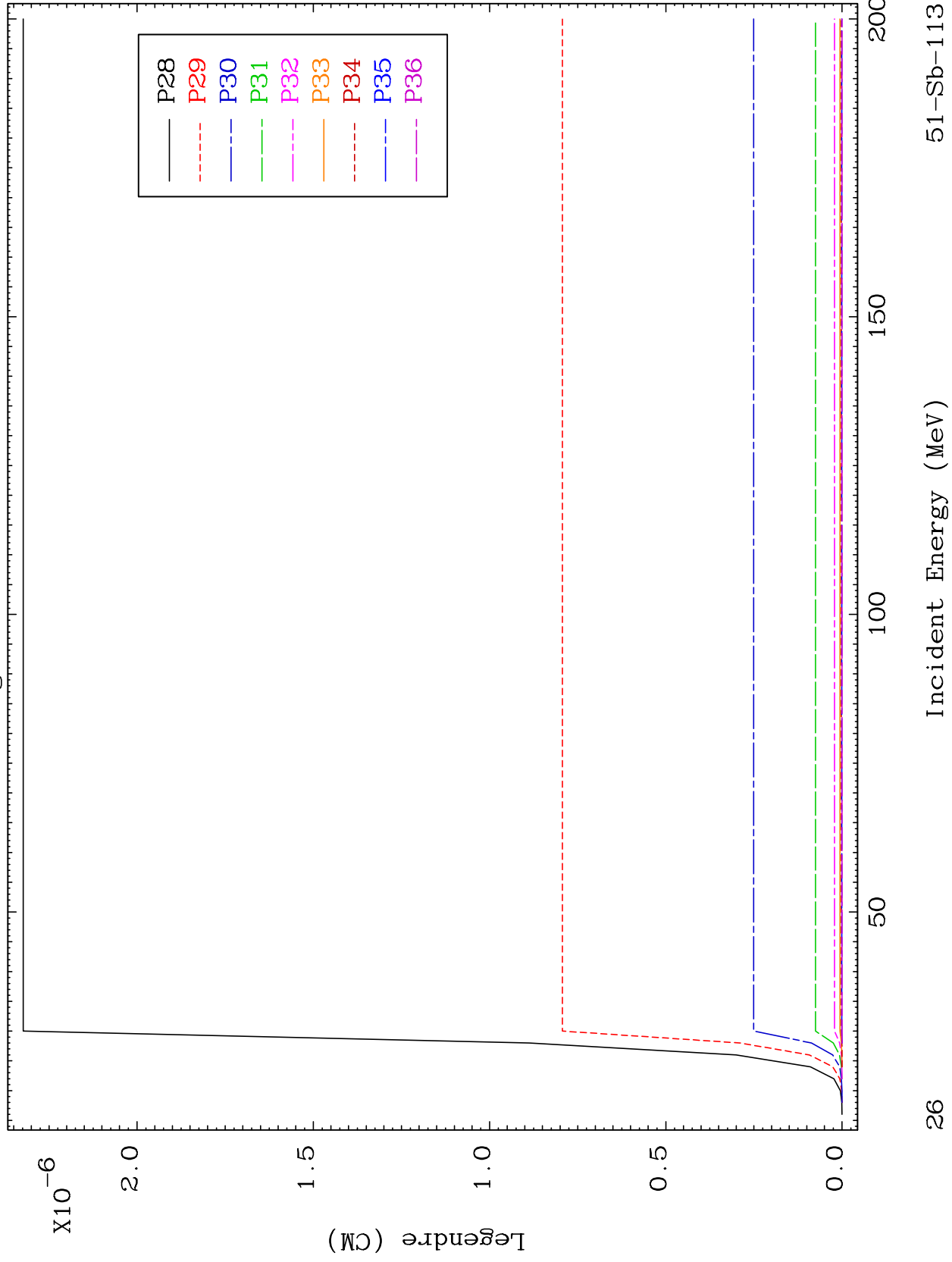
51-Sb-113



51-Sb-113

Incident Energy (MeV)

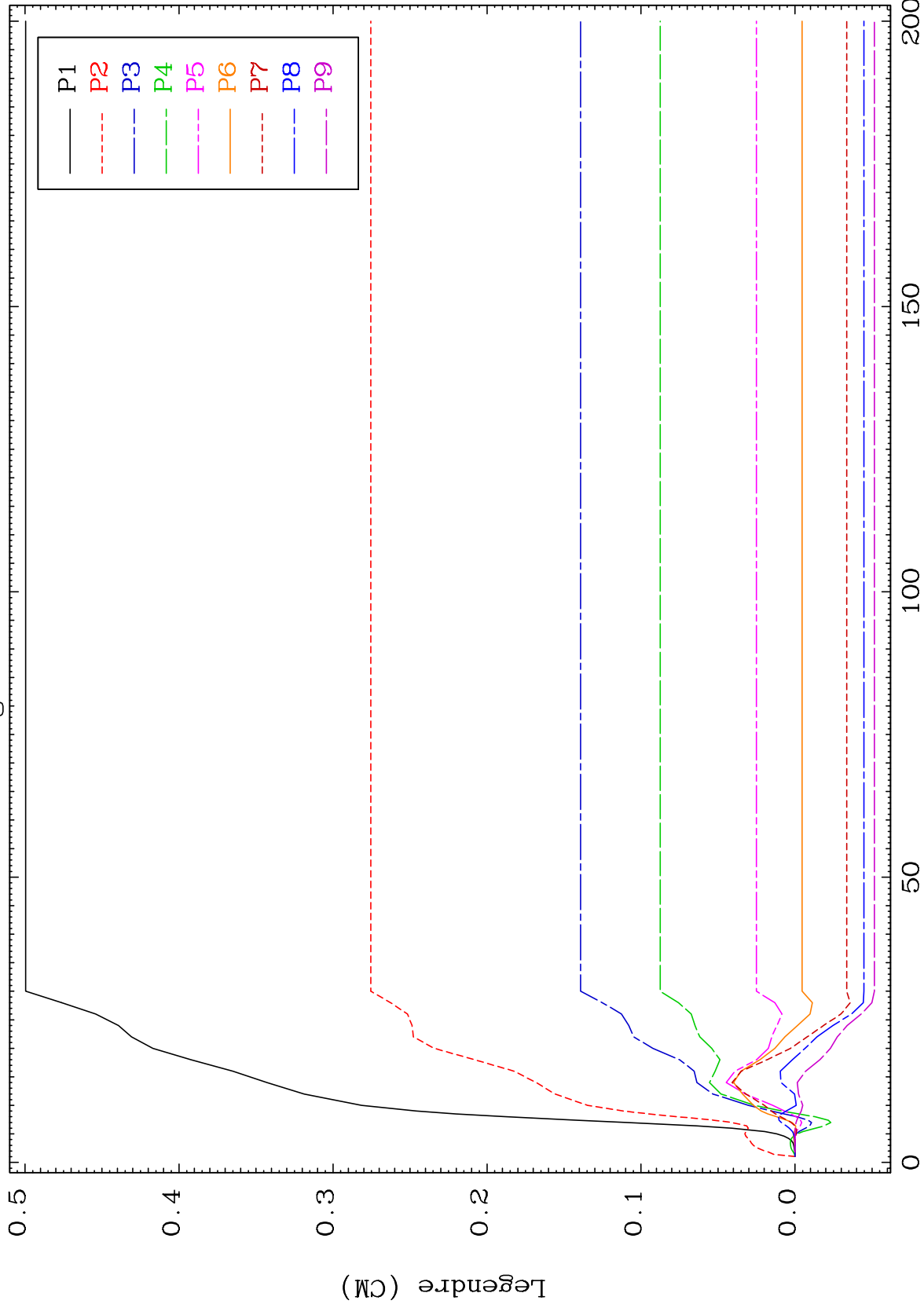
25



MAT 5101

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

51-Sb-113



27

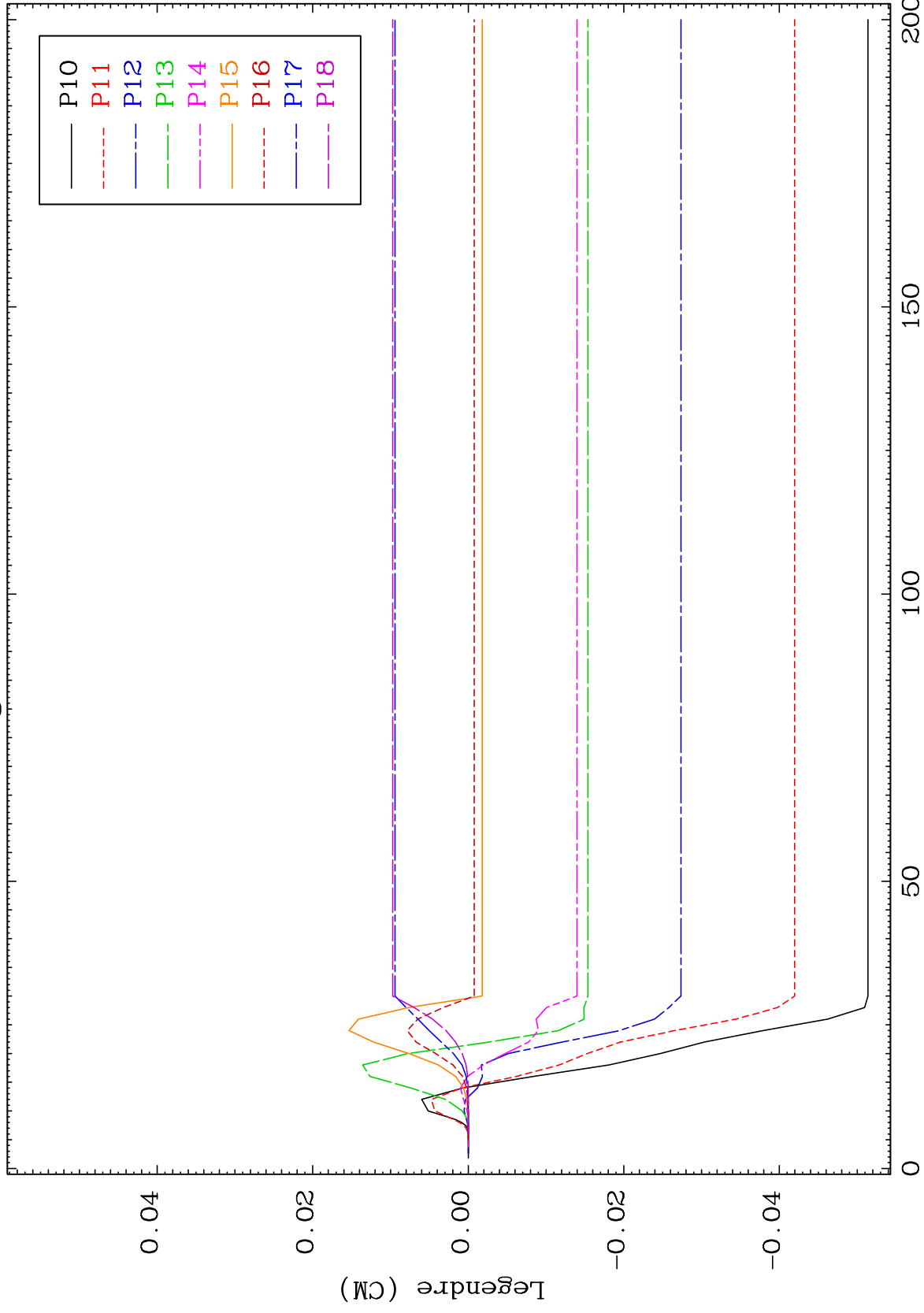
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

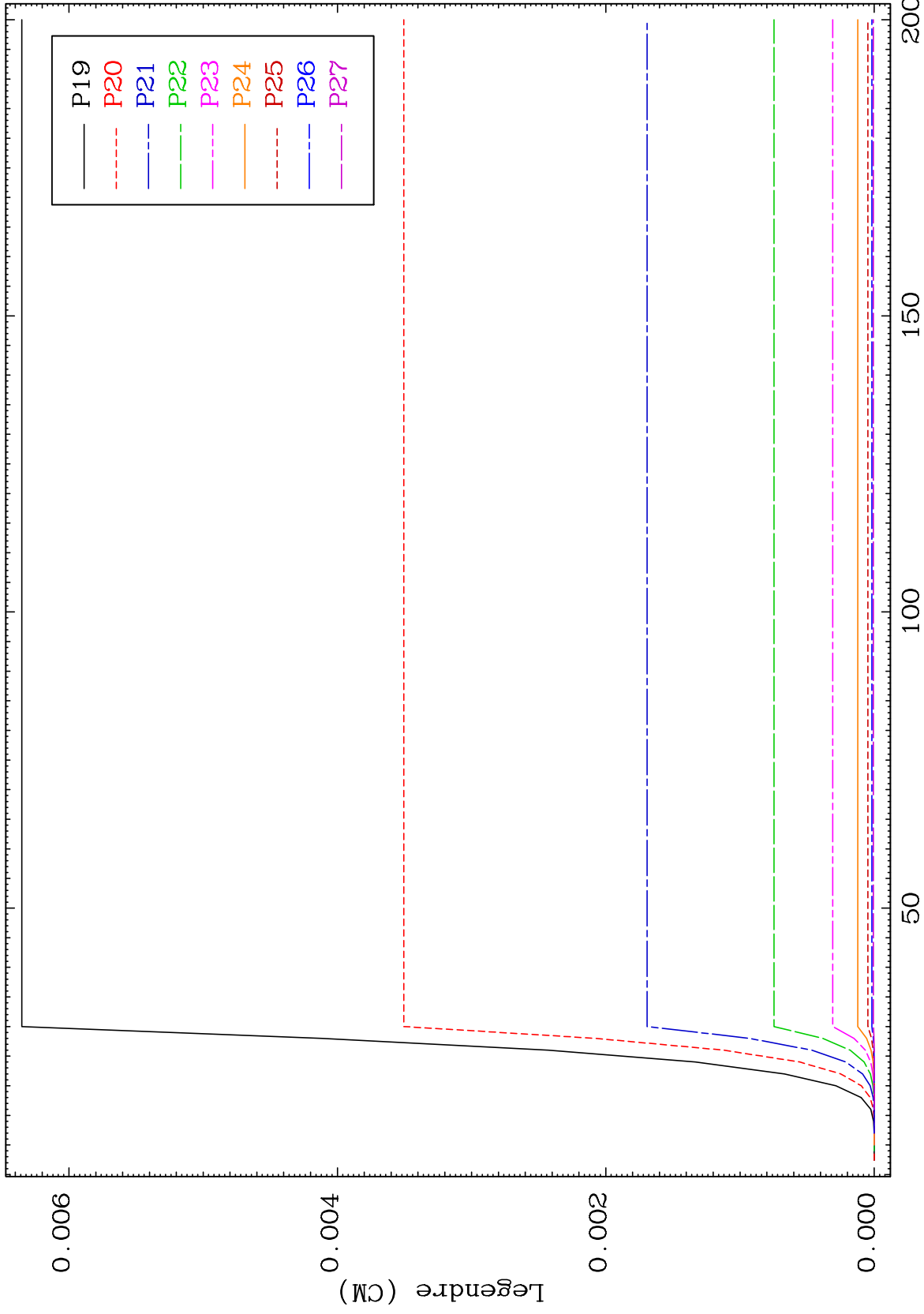
51-Sb-113



28

Incident Energy (MeV)

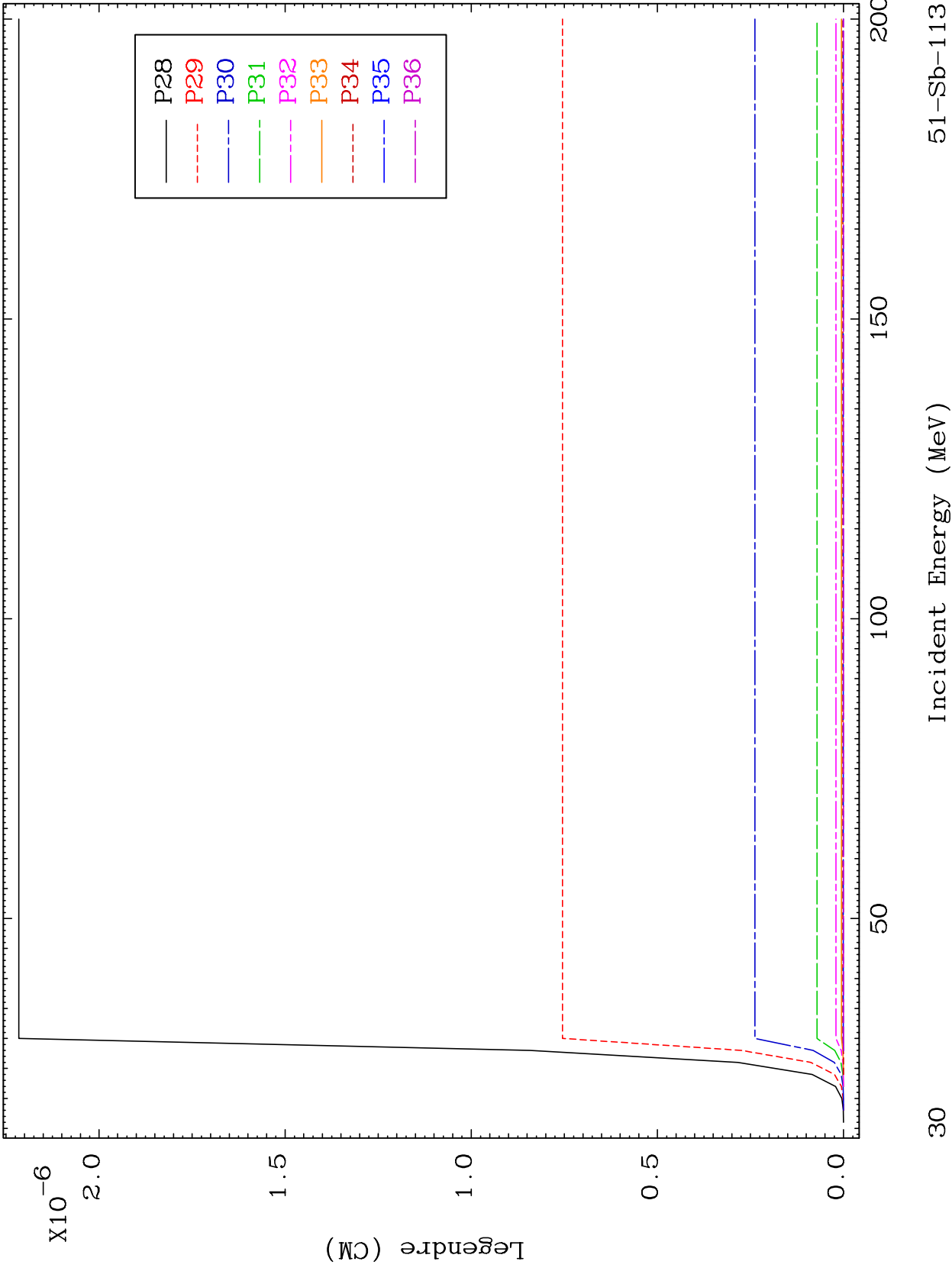
51-Sb-113



MAT 5101

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

51-Sb-113

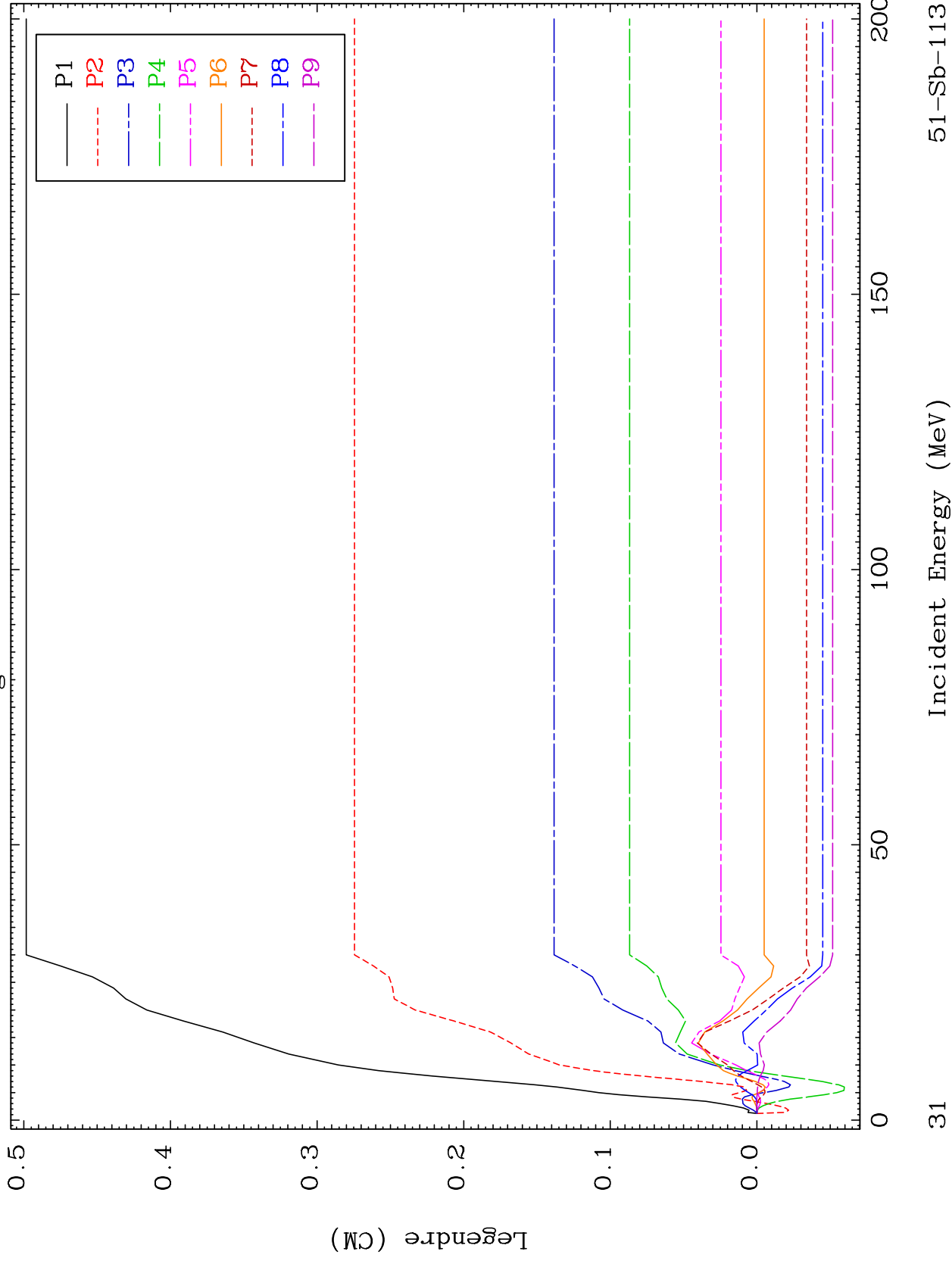


MAT 5101

MT= 54 (n,n') Level

51-Sb-113

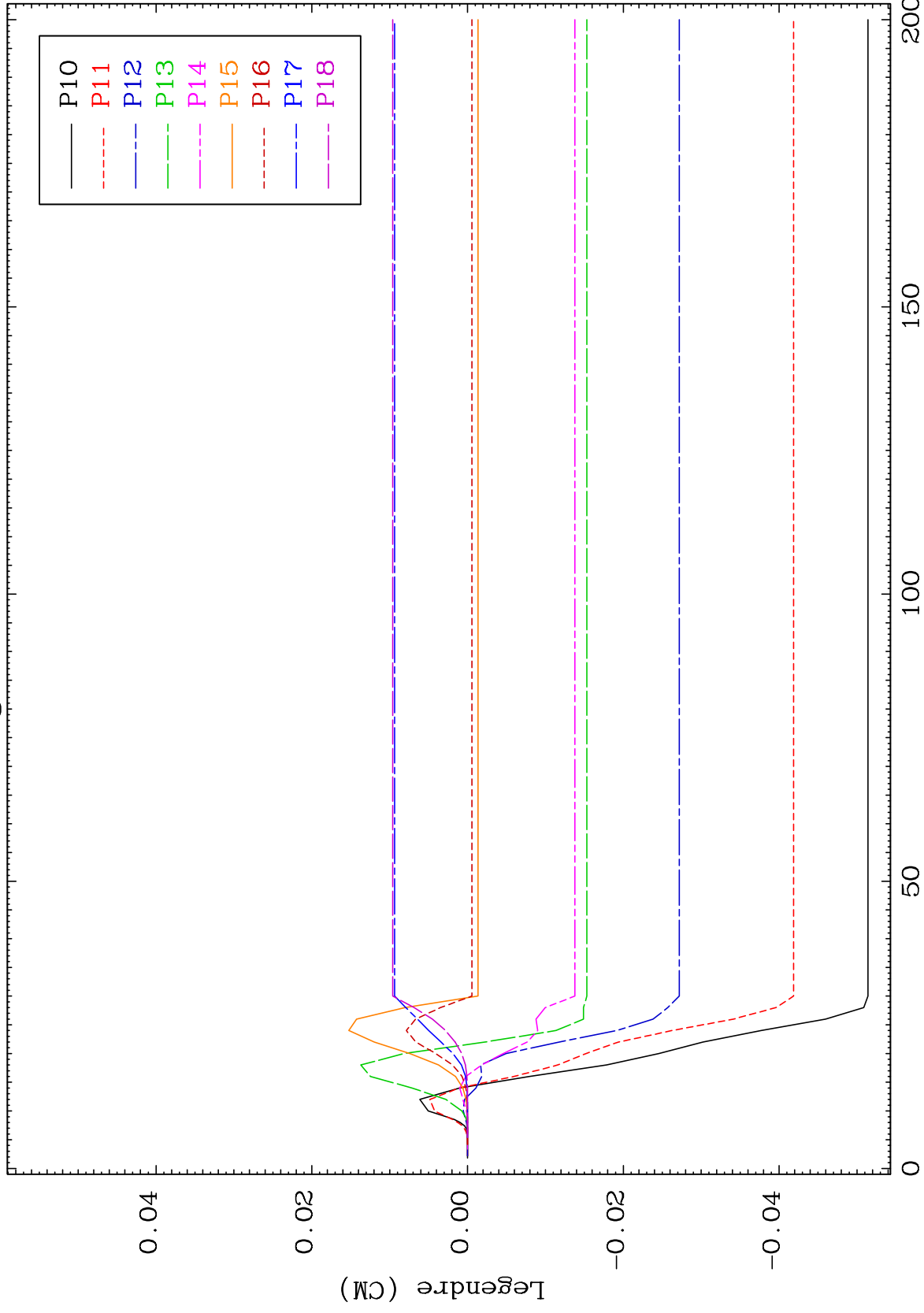
Legendre Coefficients



MAT 5101

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

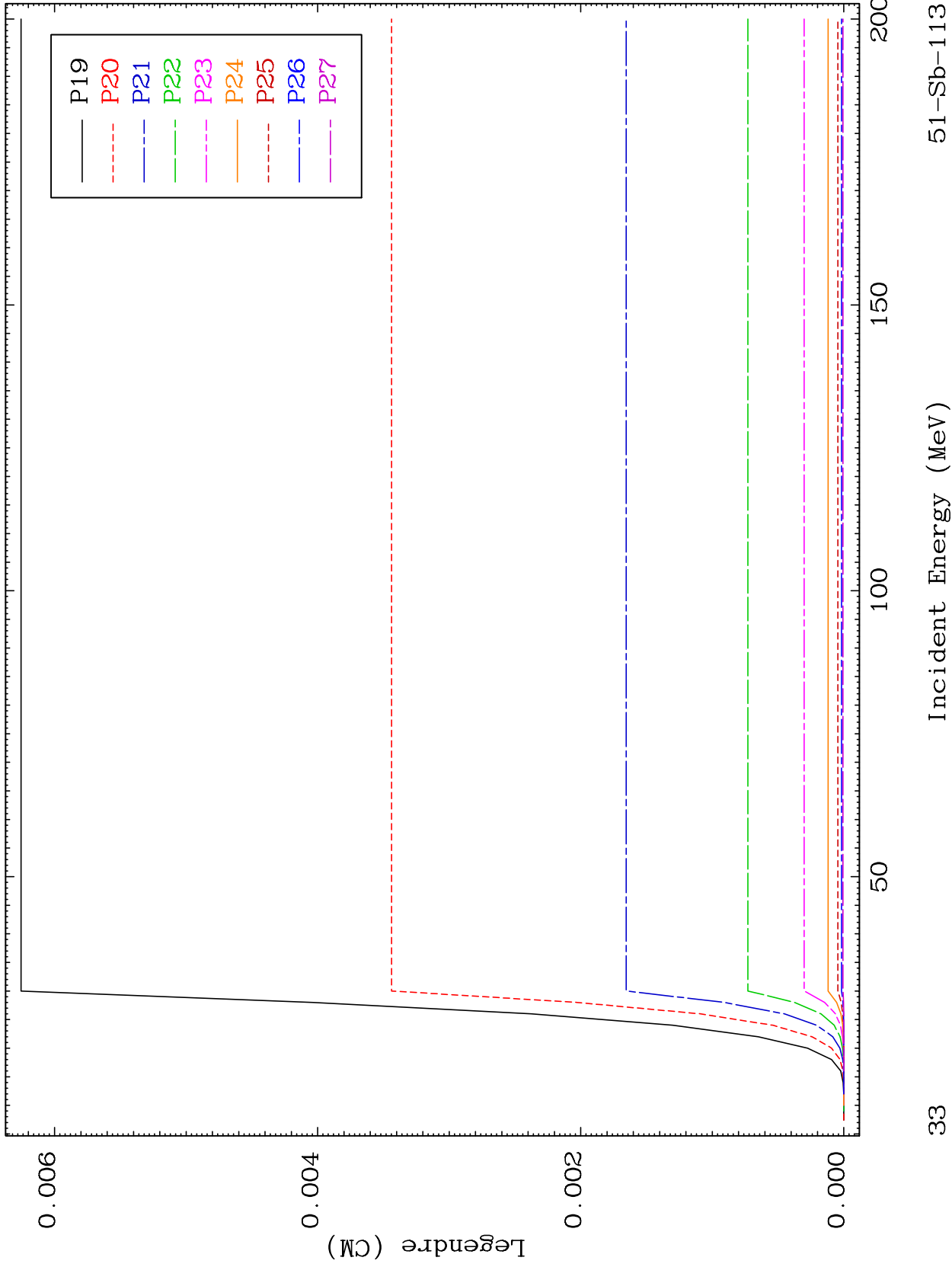
51-Sb-113



32

Incident Energy (MeV)

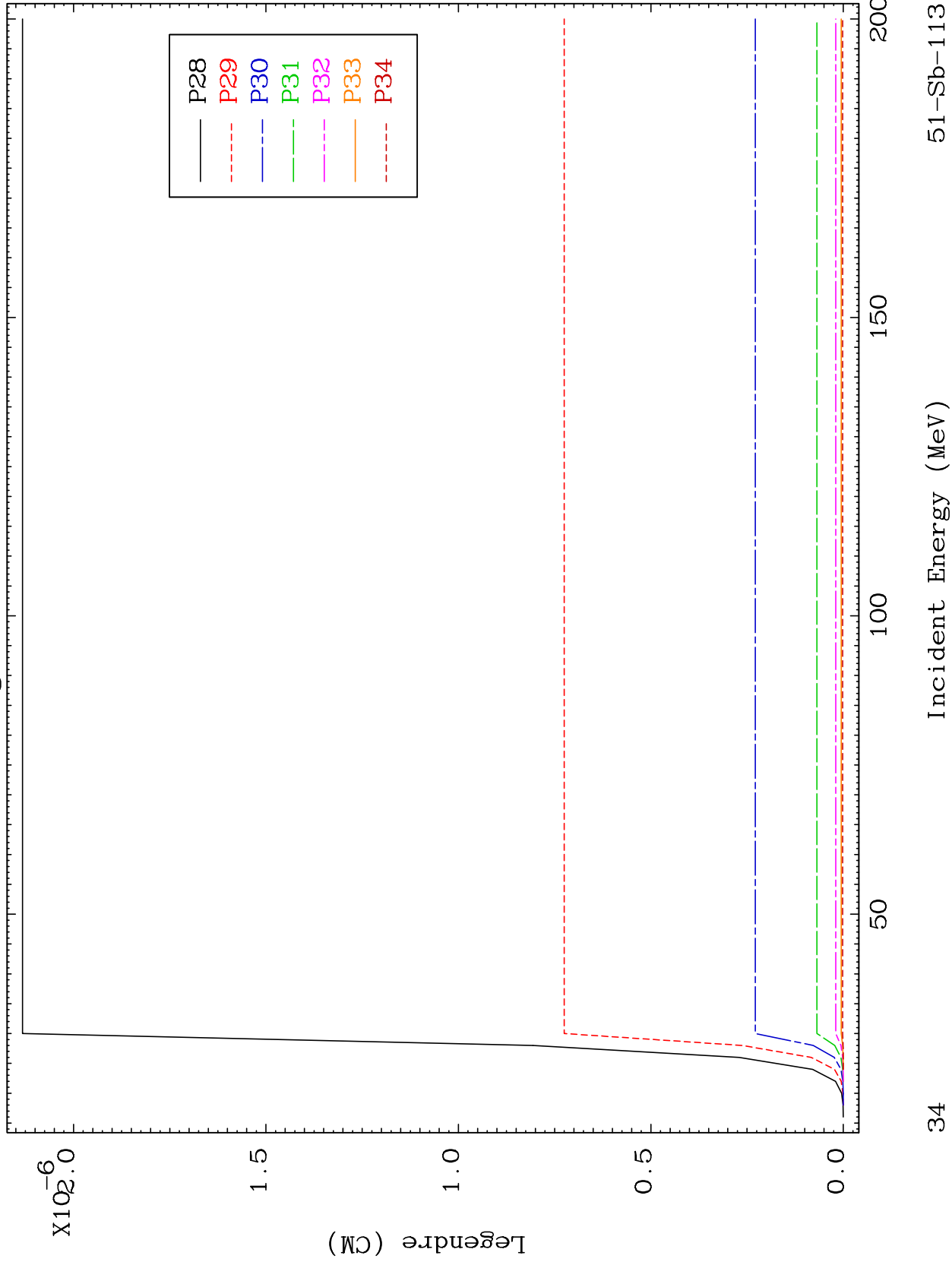
51-Sb-113



MAT 5101

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

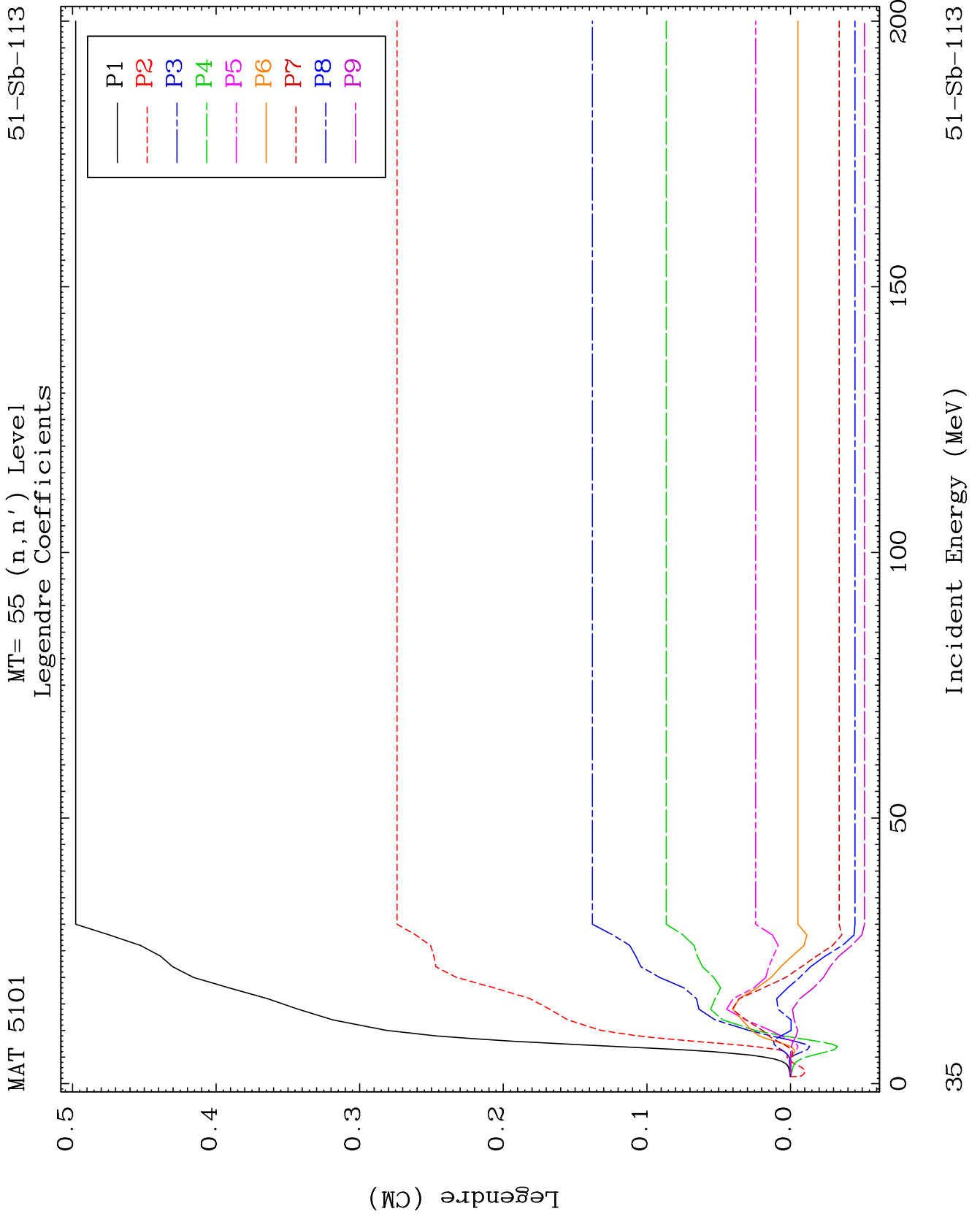
51-Sb-113



34

Incident Energy (MeV)

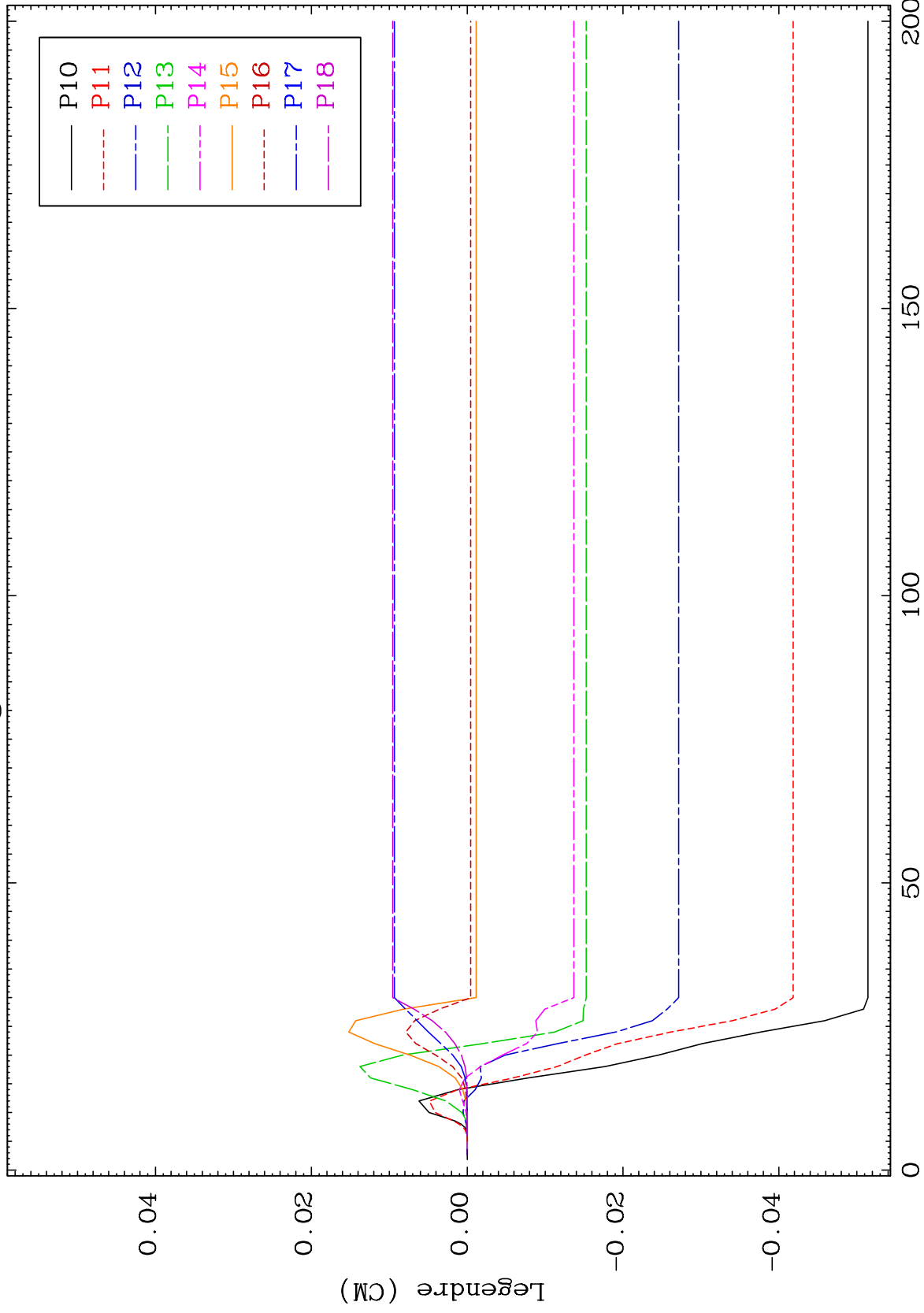
51-Sb-113



MAT 5101

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

51-Sb-113



36

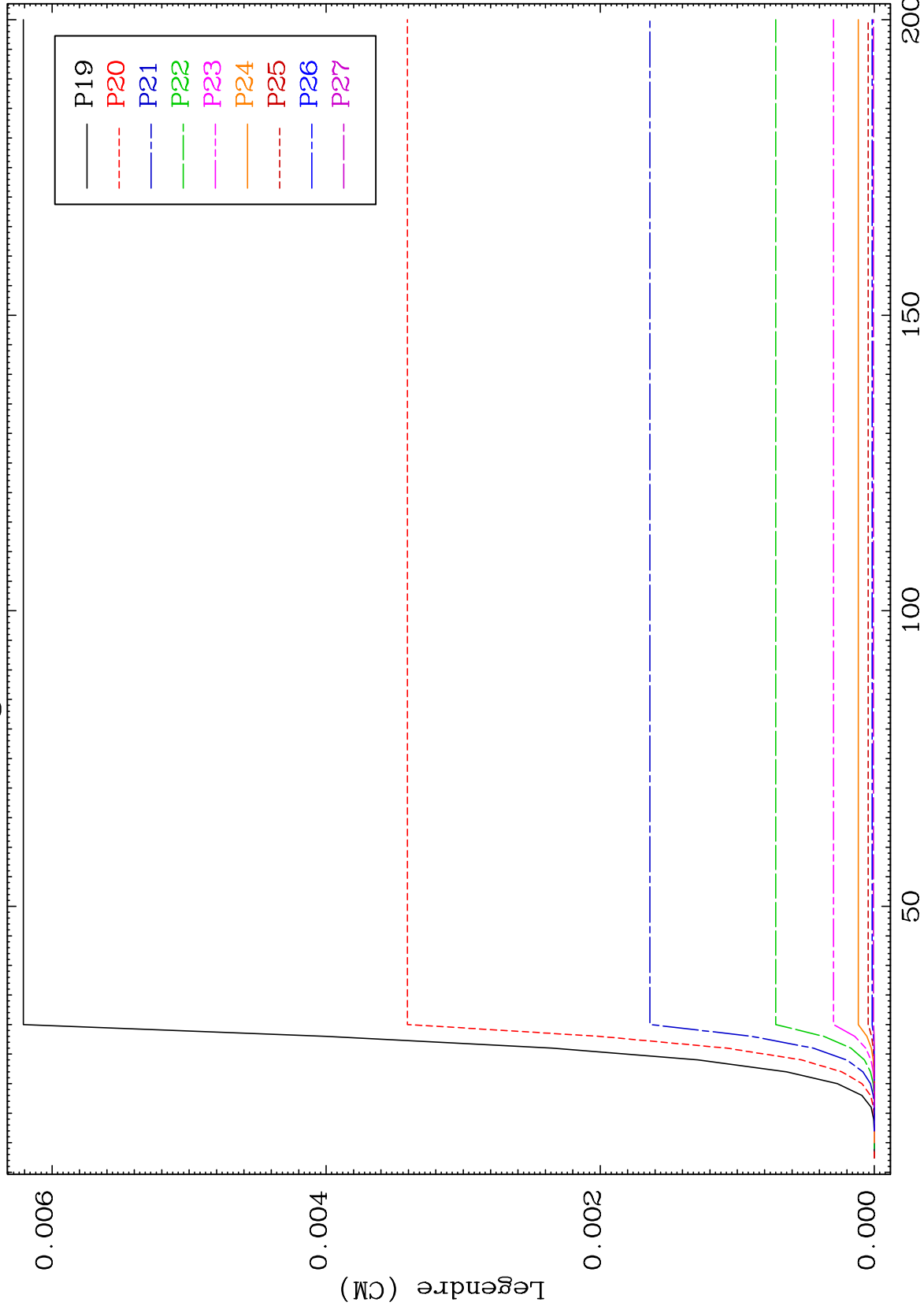
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



37

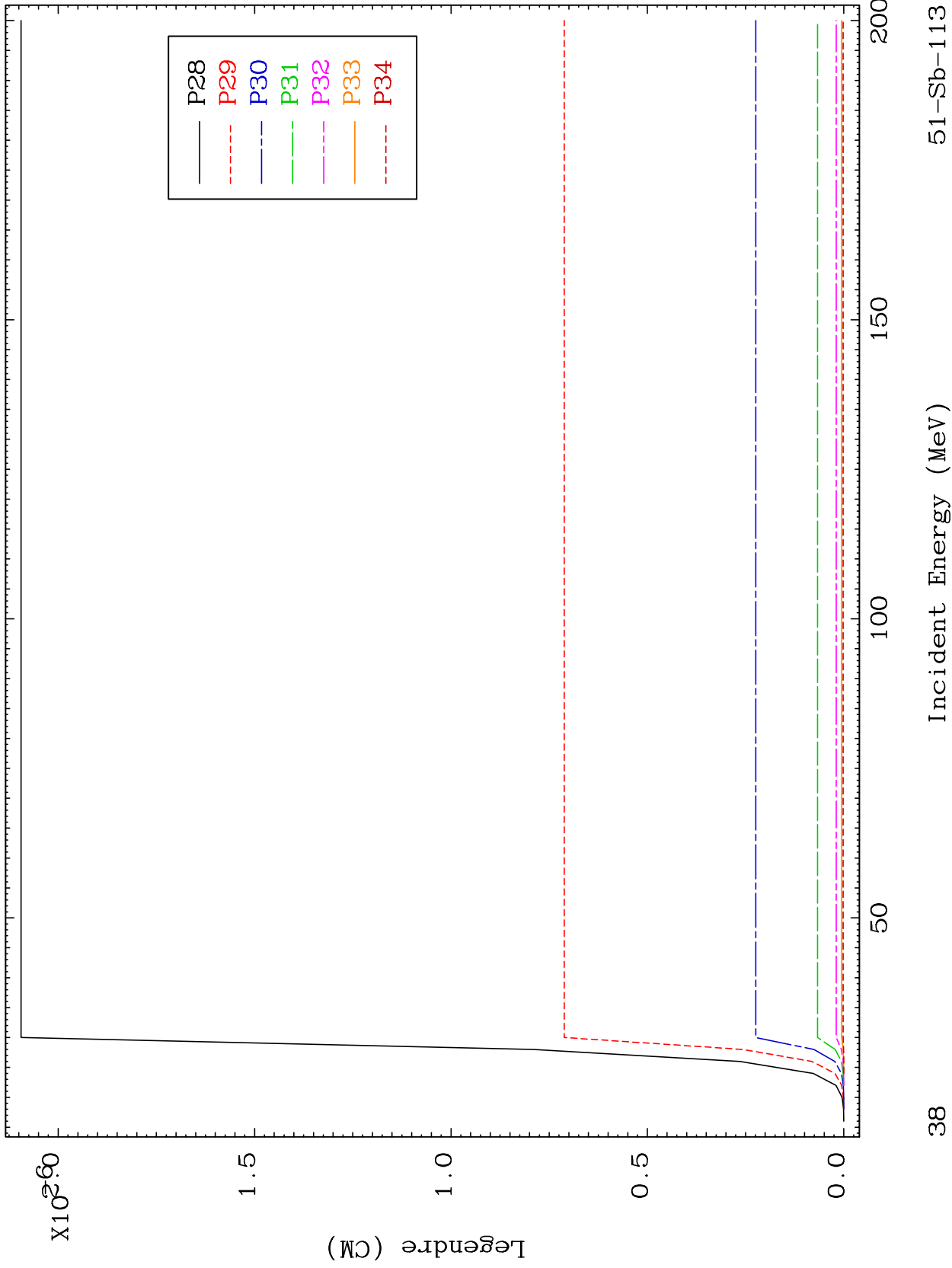
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

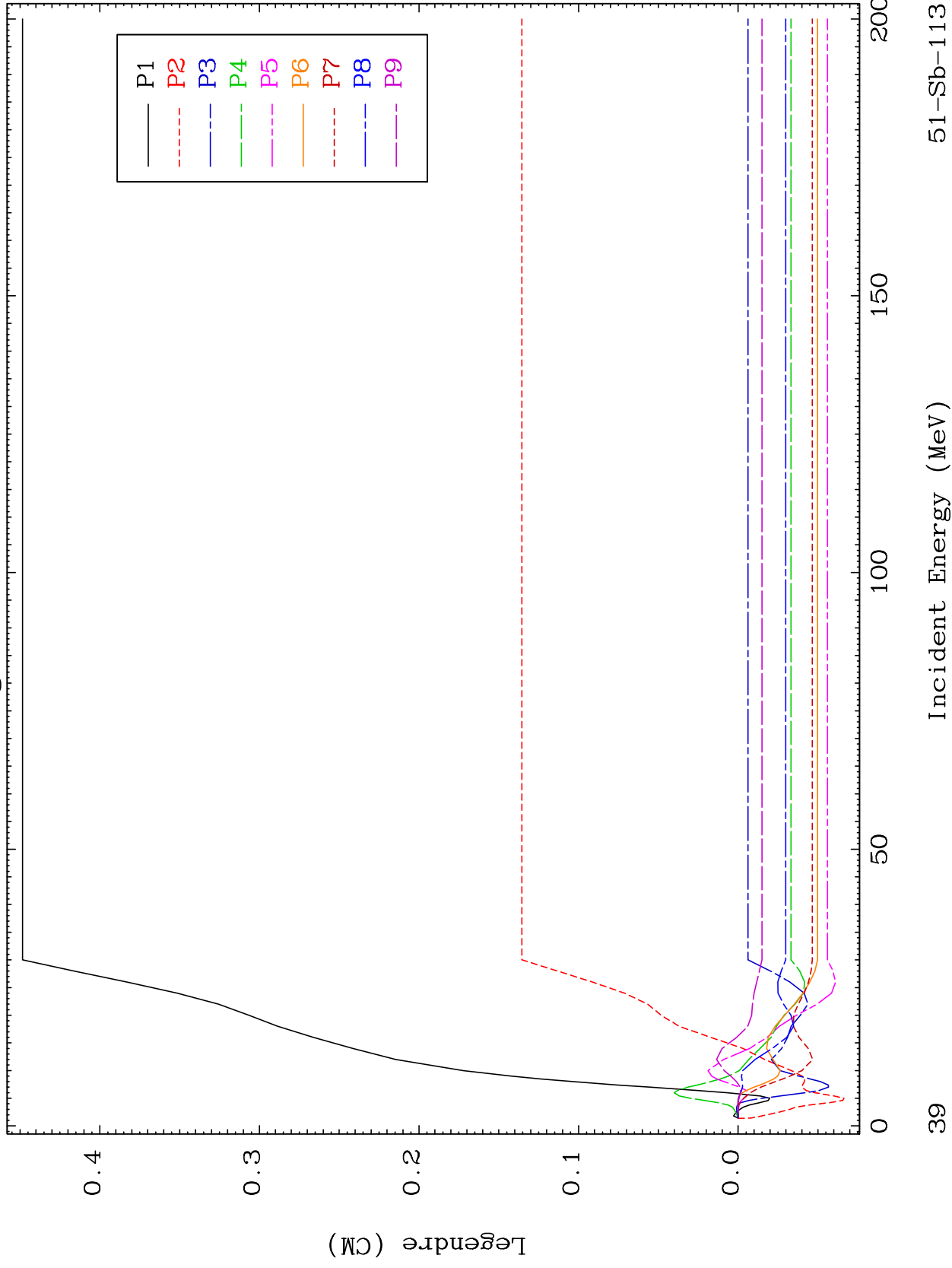
MT= 55 (n,n') Level
Legendre Coefficients



MAT 5101

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

51-Sb-113

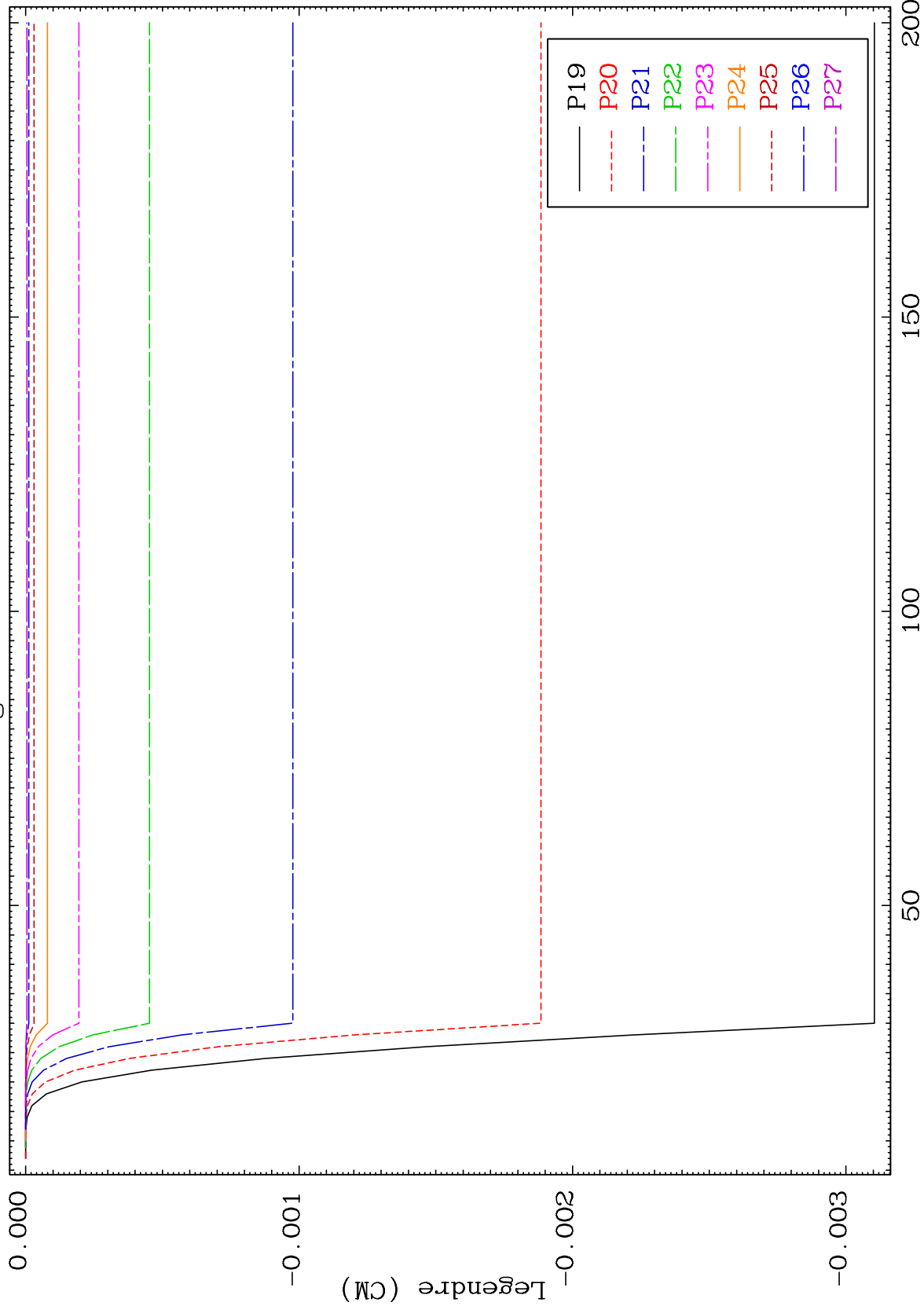


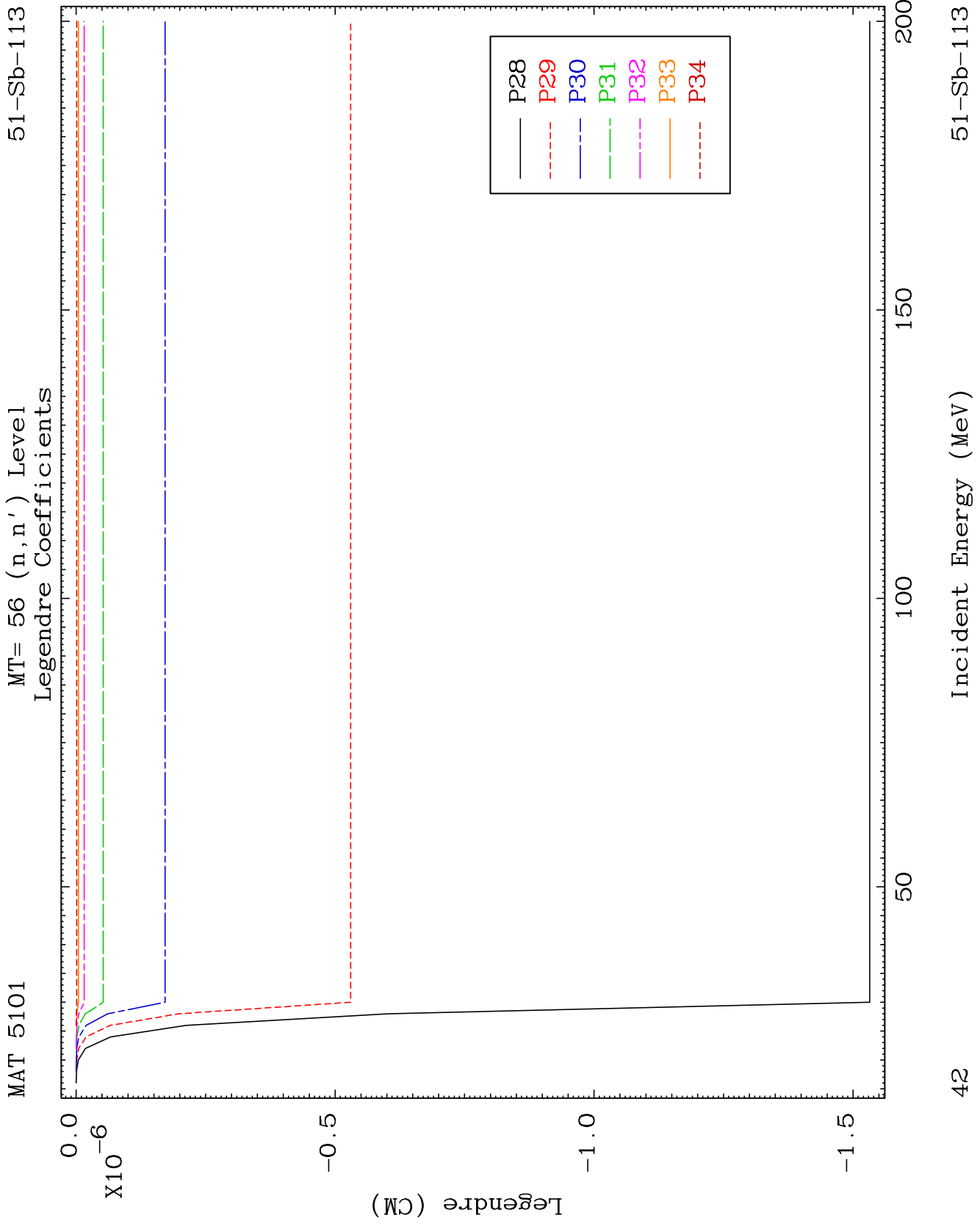
51-Sb-113

Incident Energy (MeV)

39

Legendre Coefficients

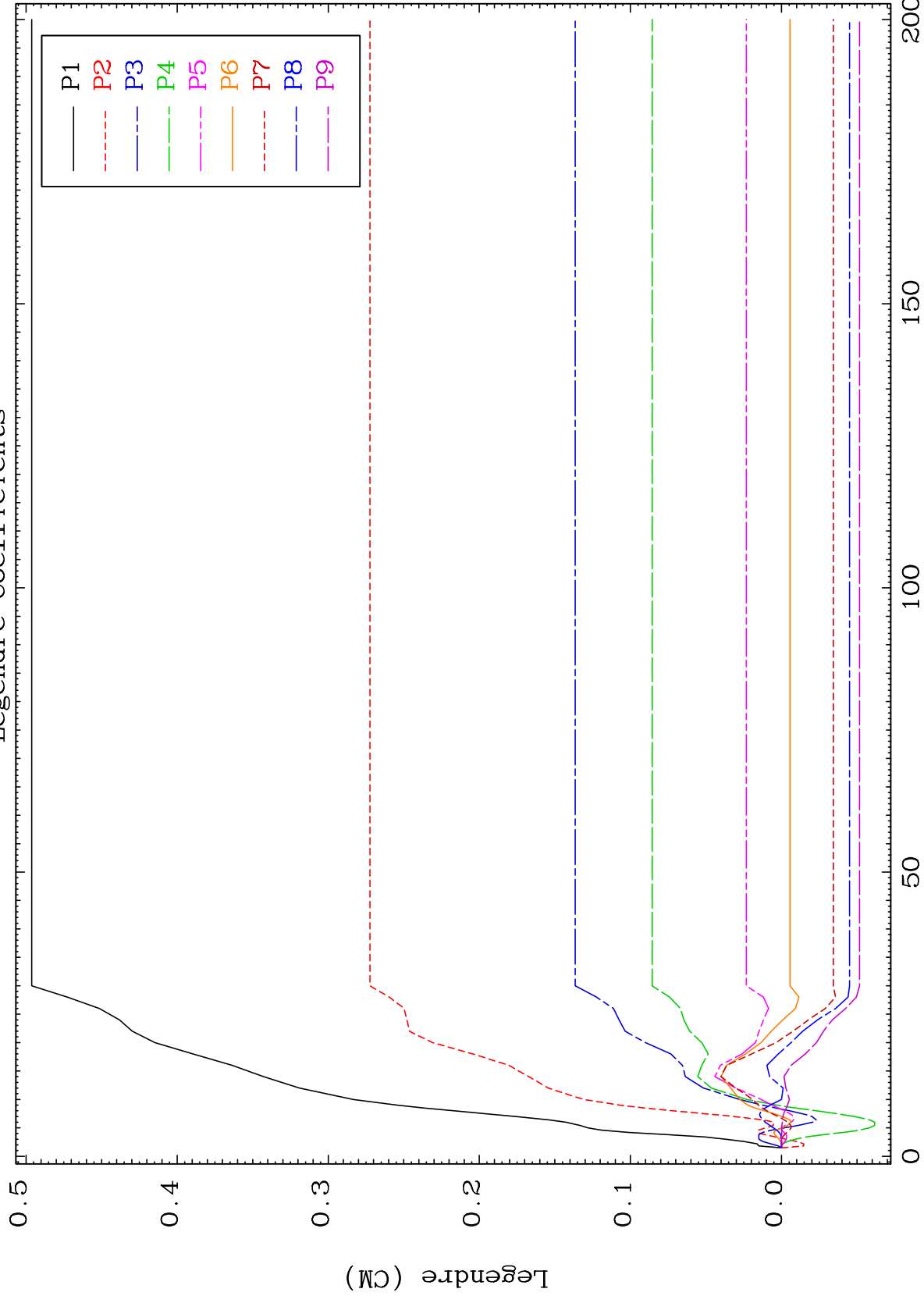




MAT 5101

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

51-Sb-113



51-Sb-113

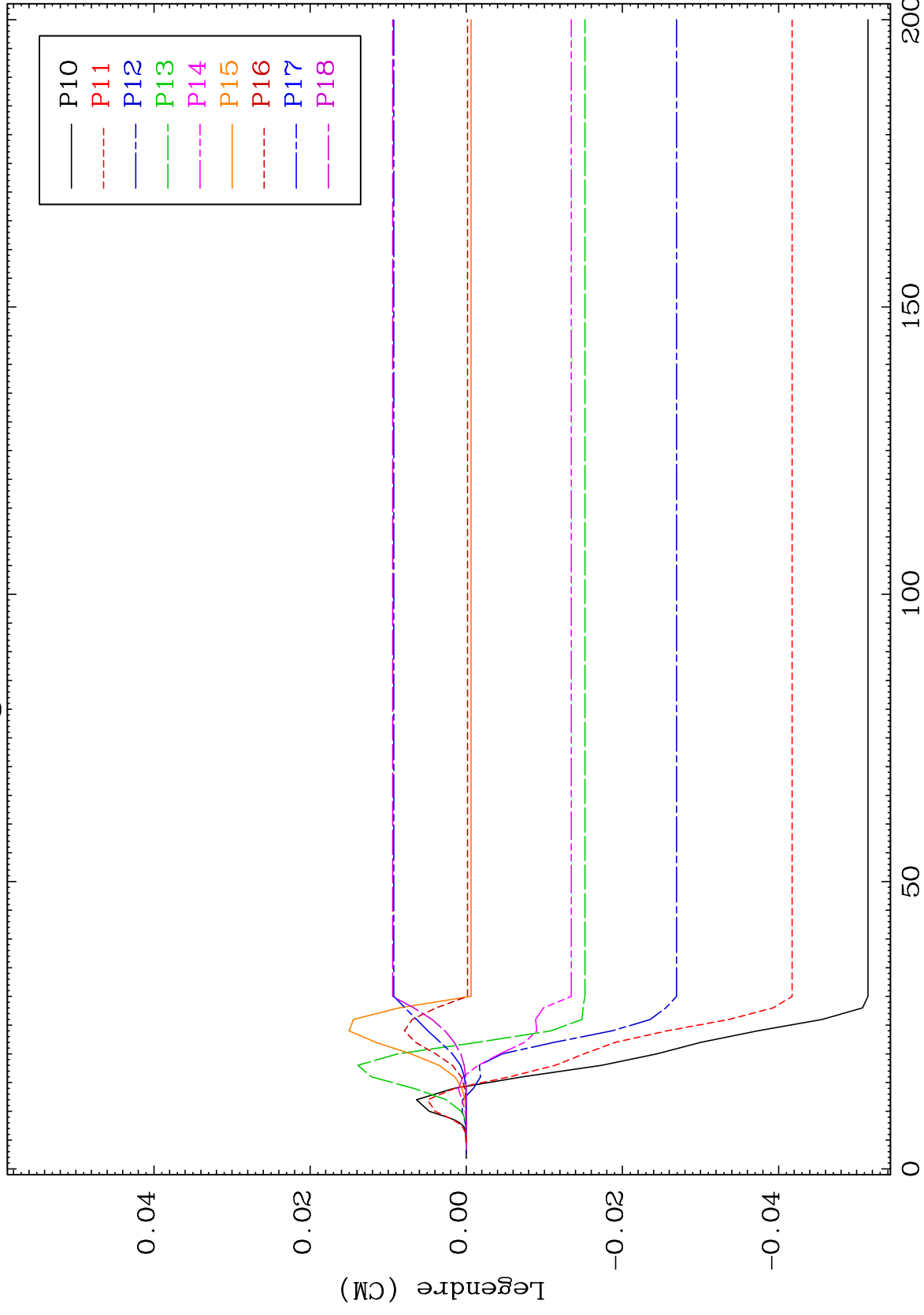
Incident Energy (MeV)

43

MAT 5101

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

51-Sb-113



44

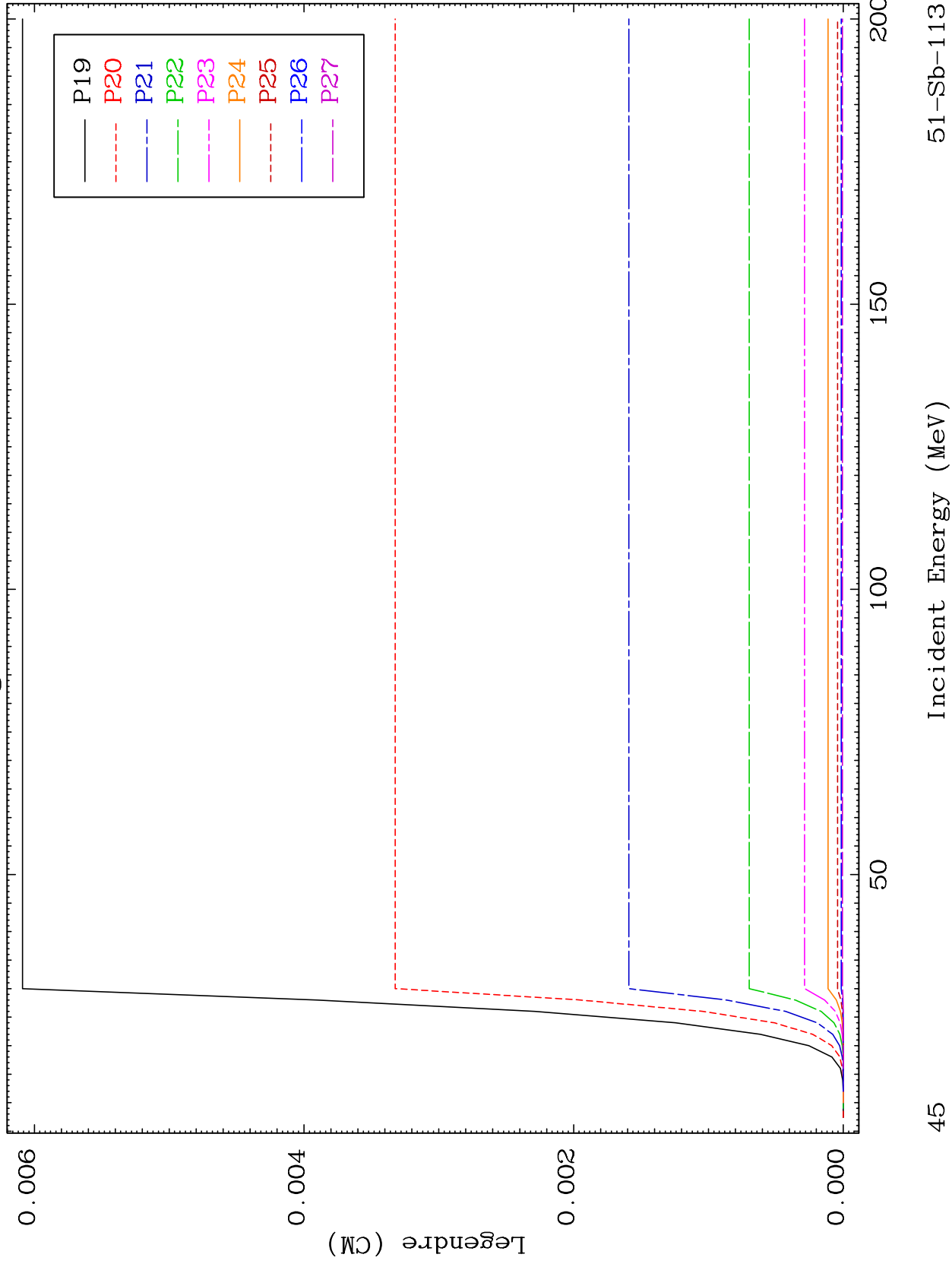
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

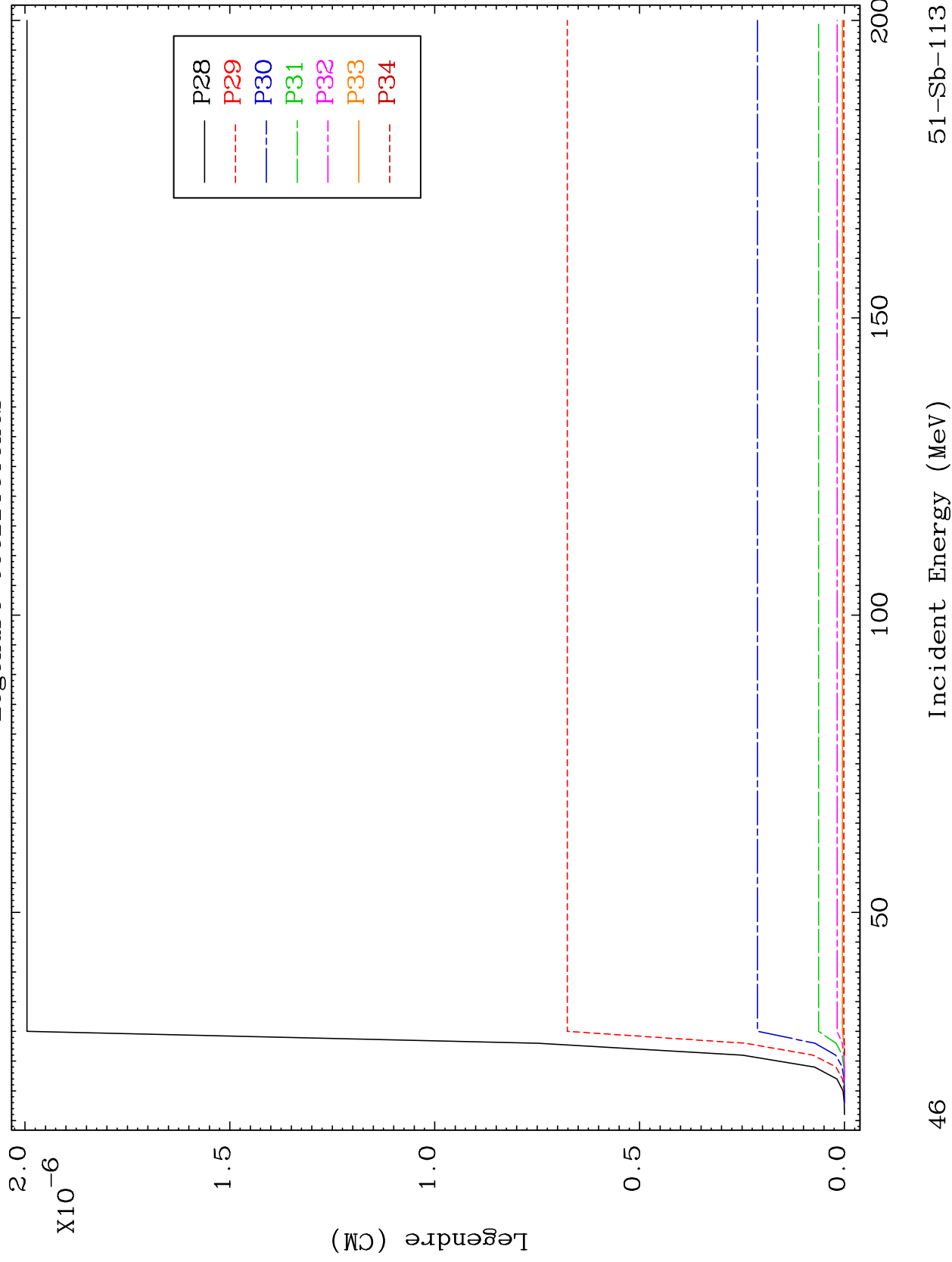
Incident Energy (MeV)

45

MAT 5101

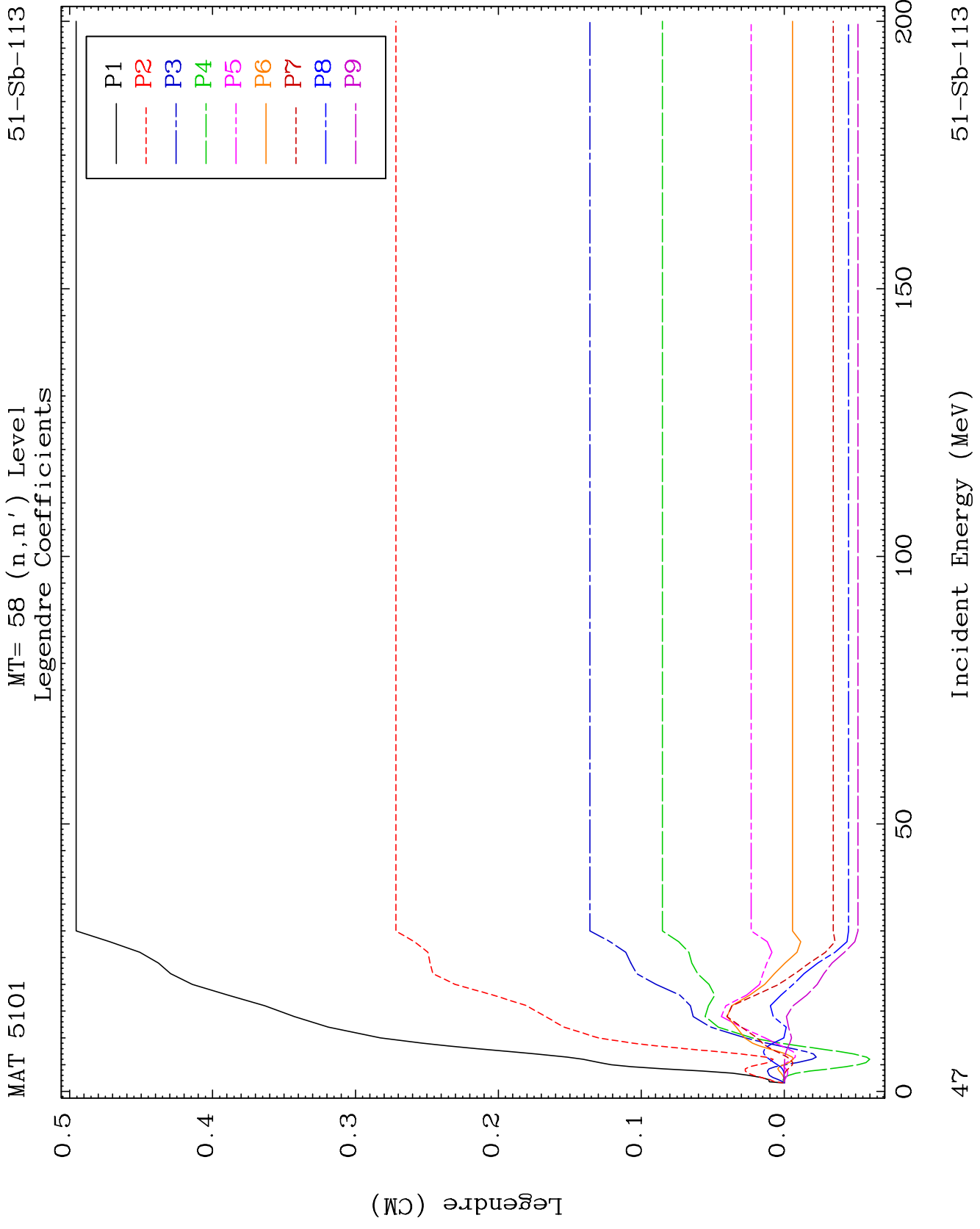
51-Sb-113

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



46

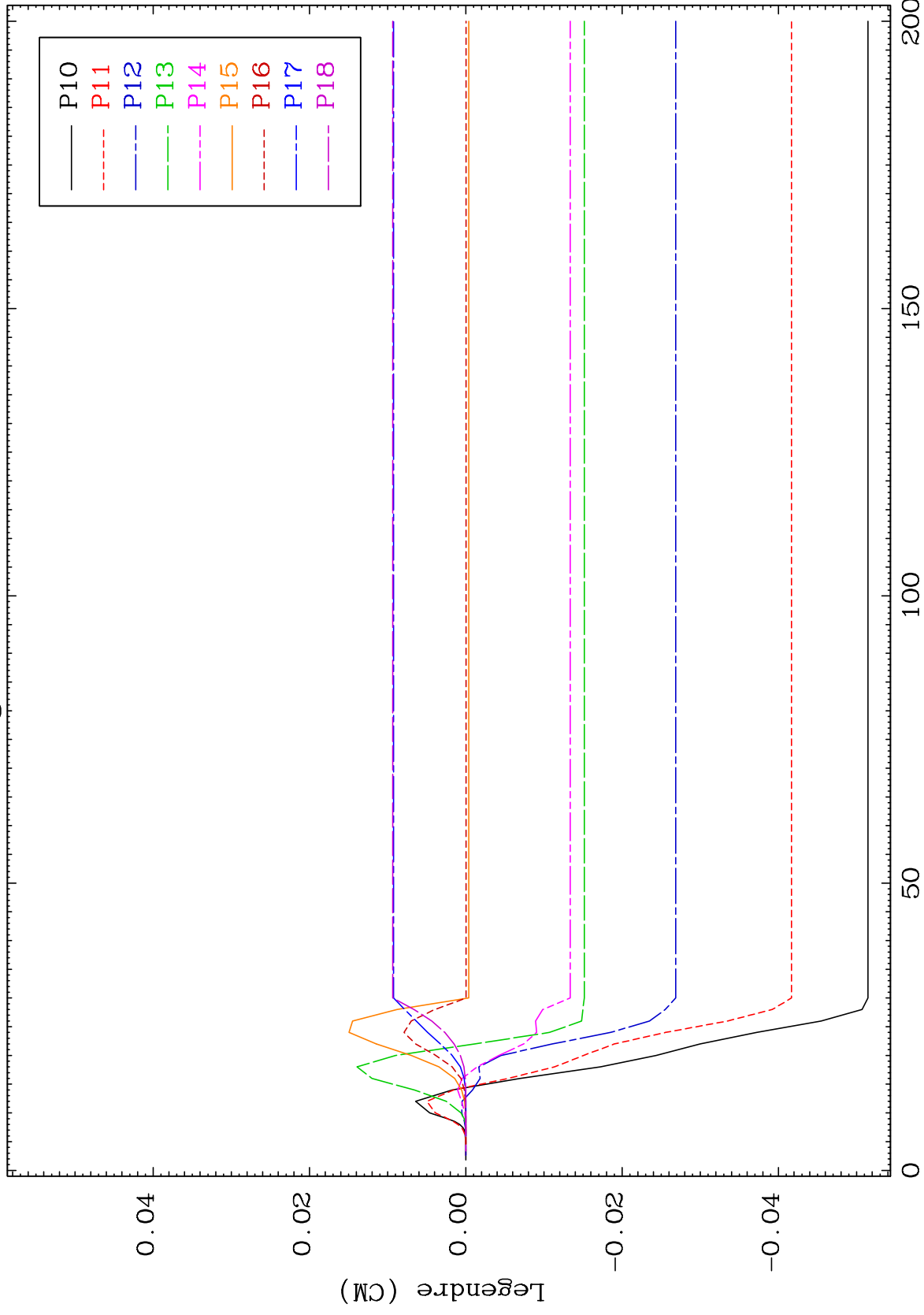
51-Sb-113



MAT 5101

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

51-Sb-113



48

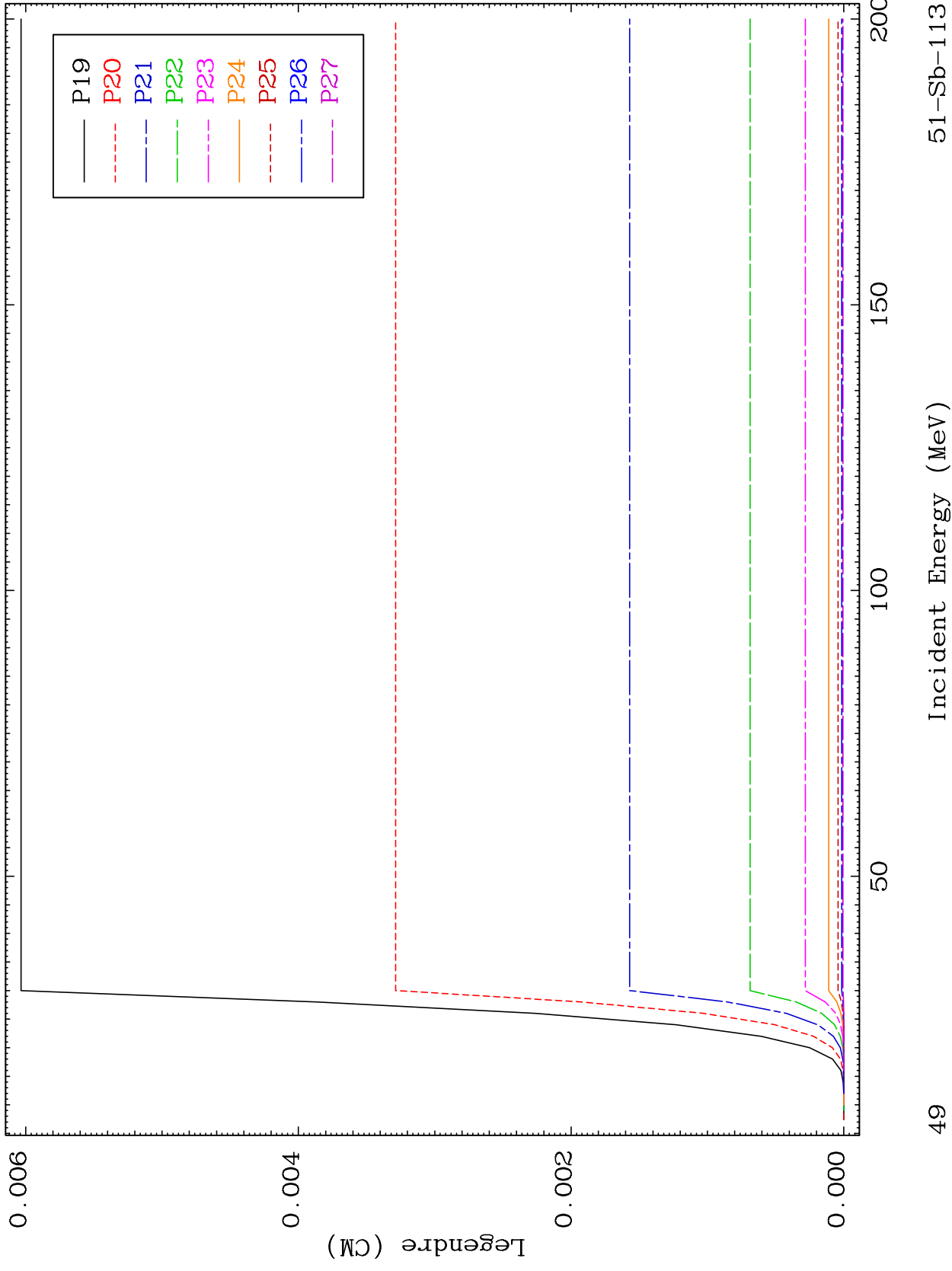
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



49

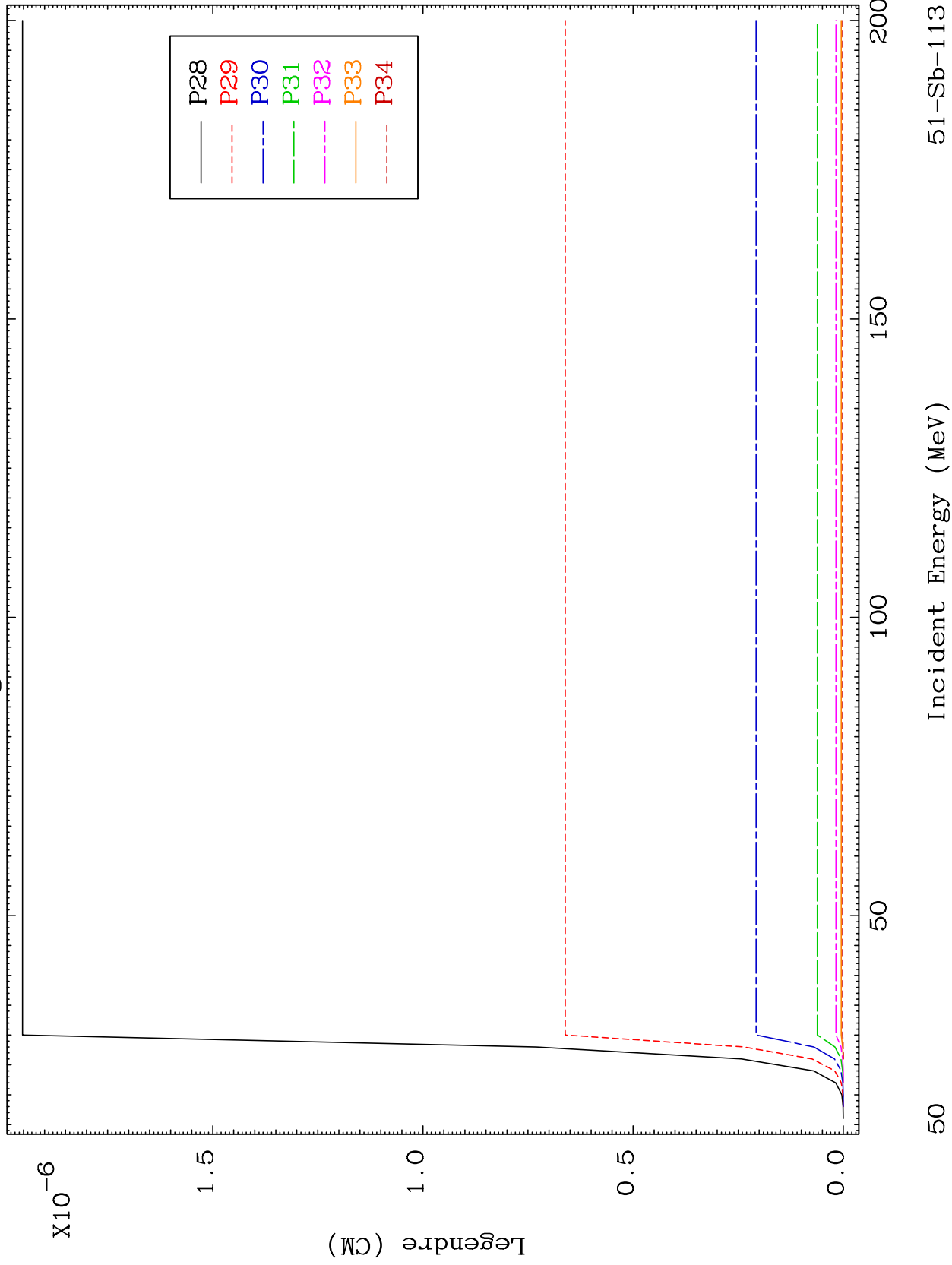
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

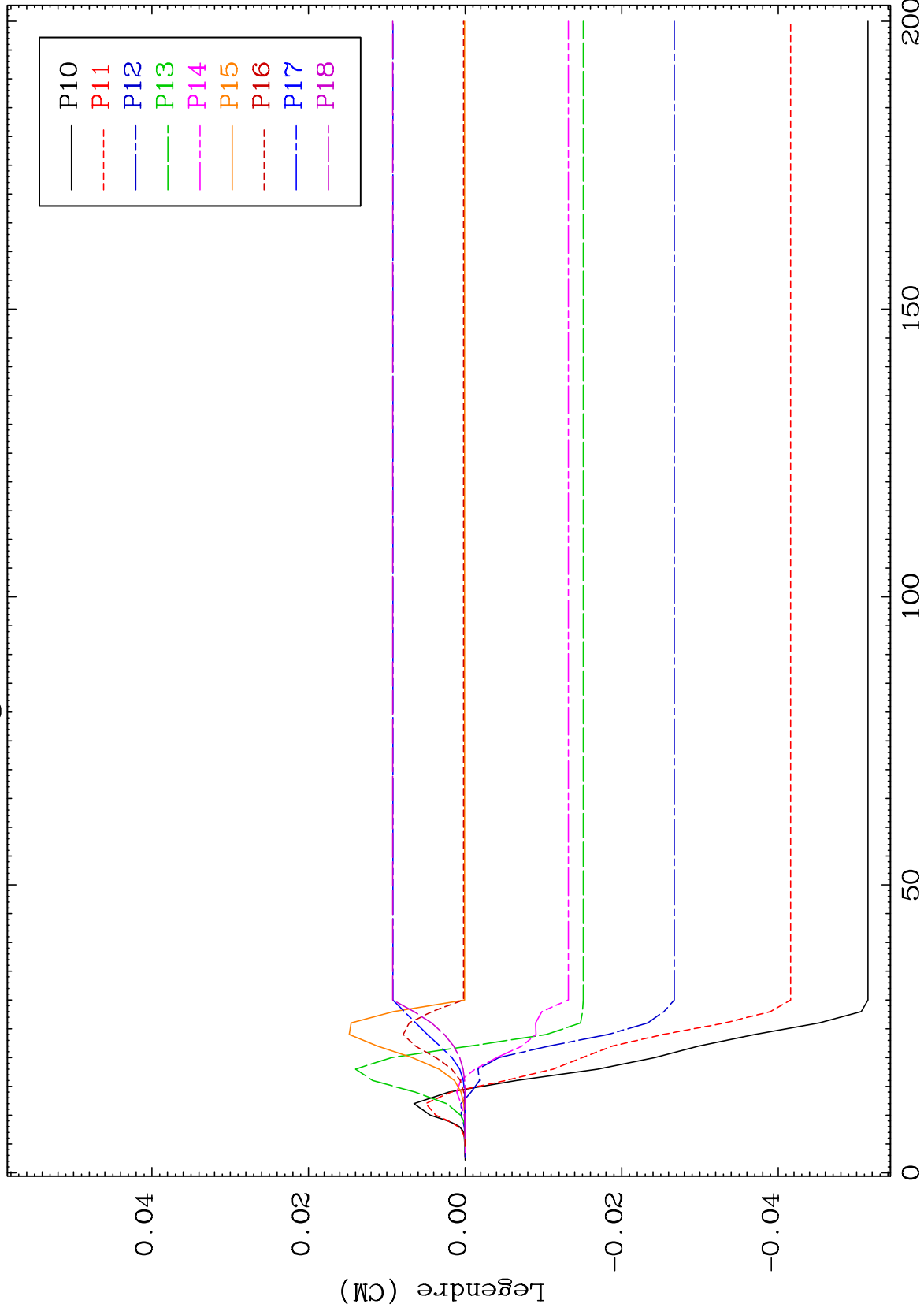
51-Sb-113



MAT 5101

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

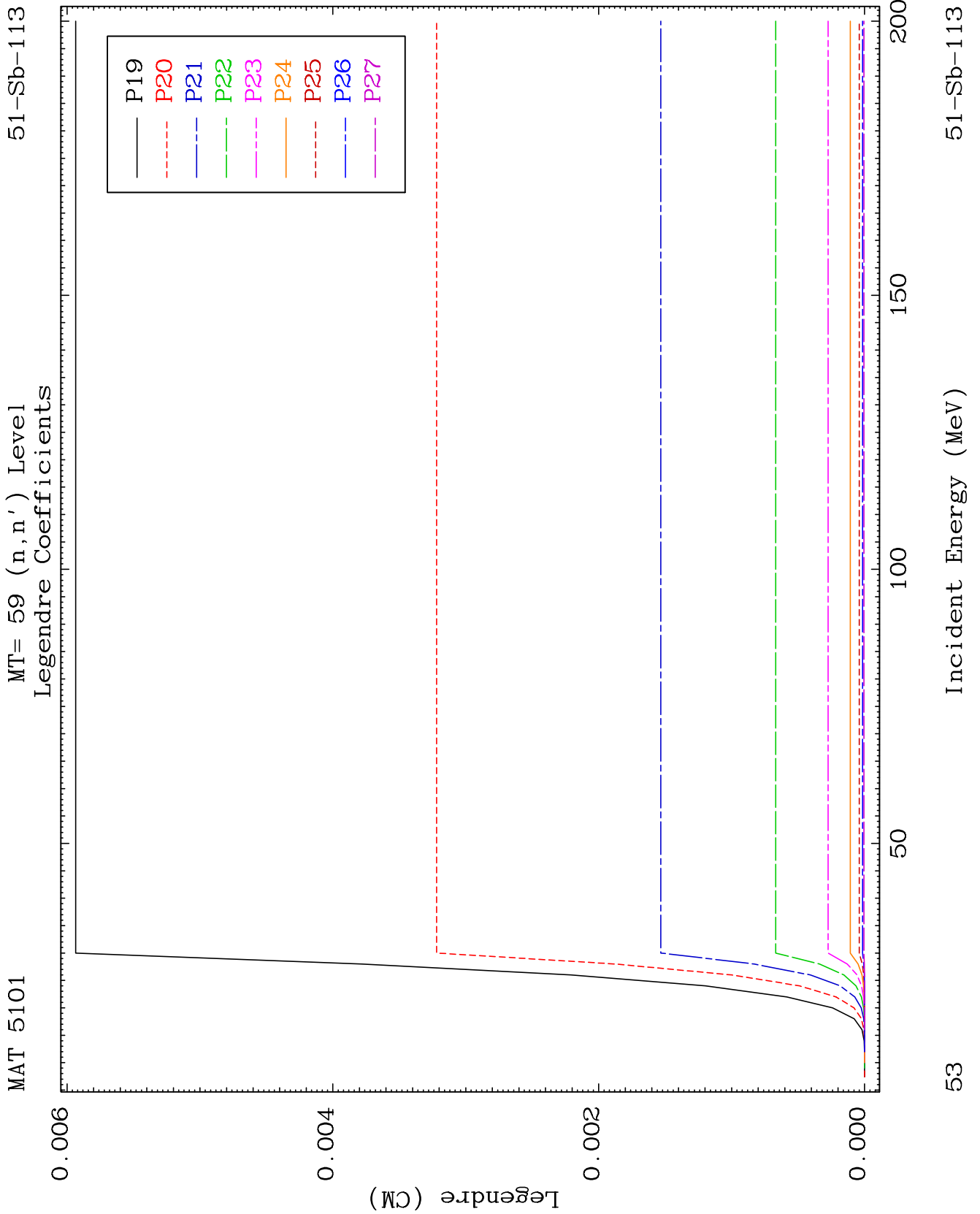
51-Sb-113



52

Incident Energy (MeV)

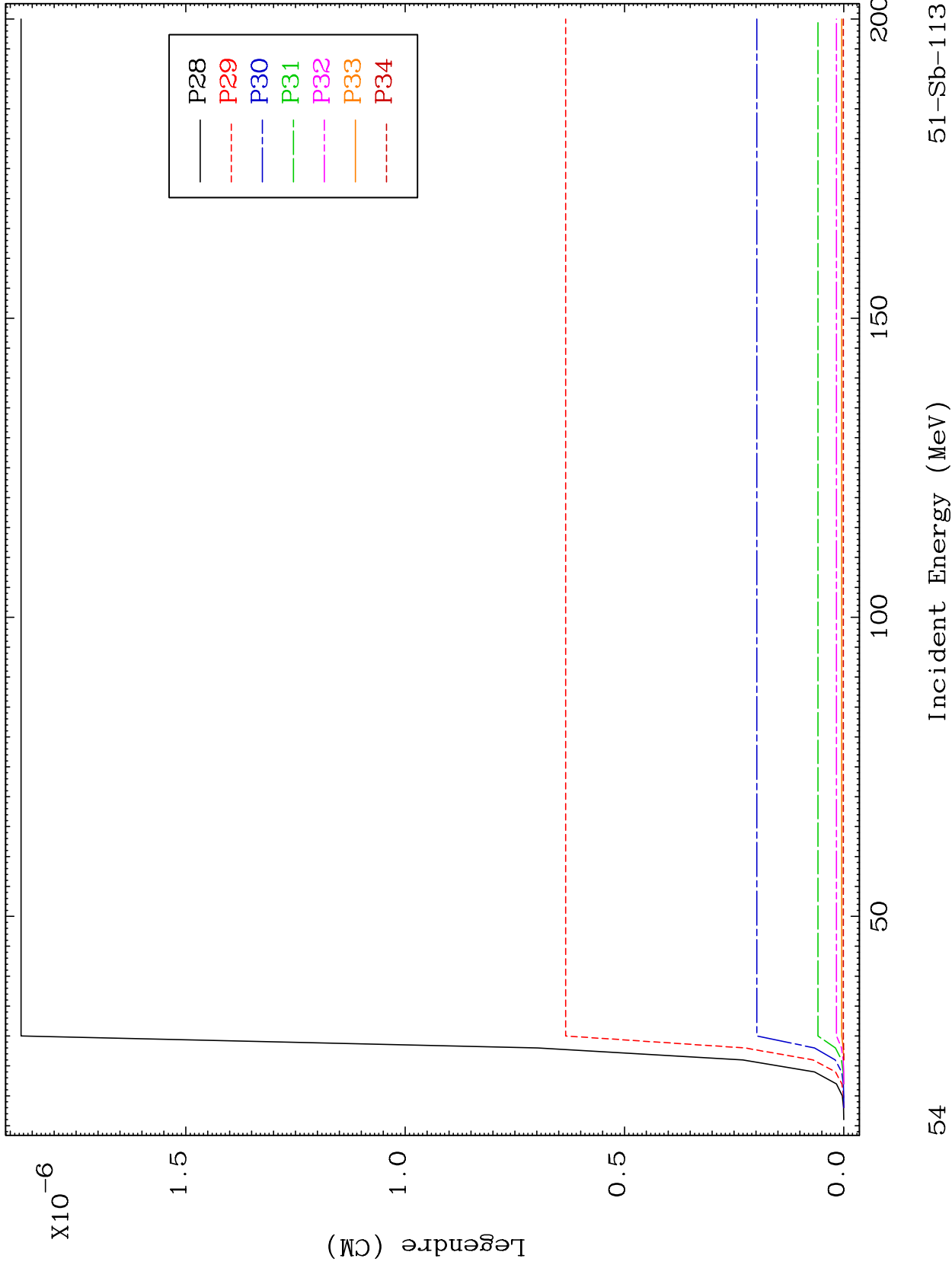
51-Sb-113



MAT 5101

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

51-Sb-113



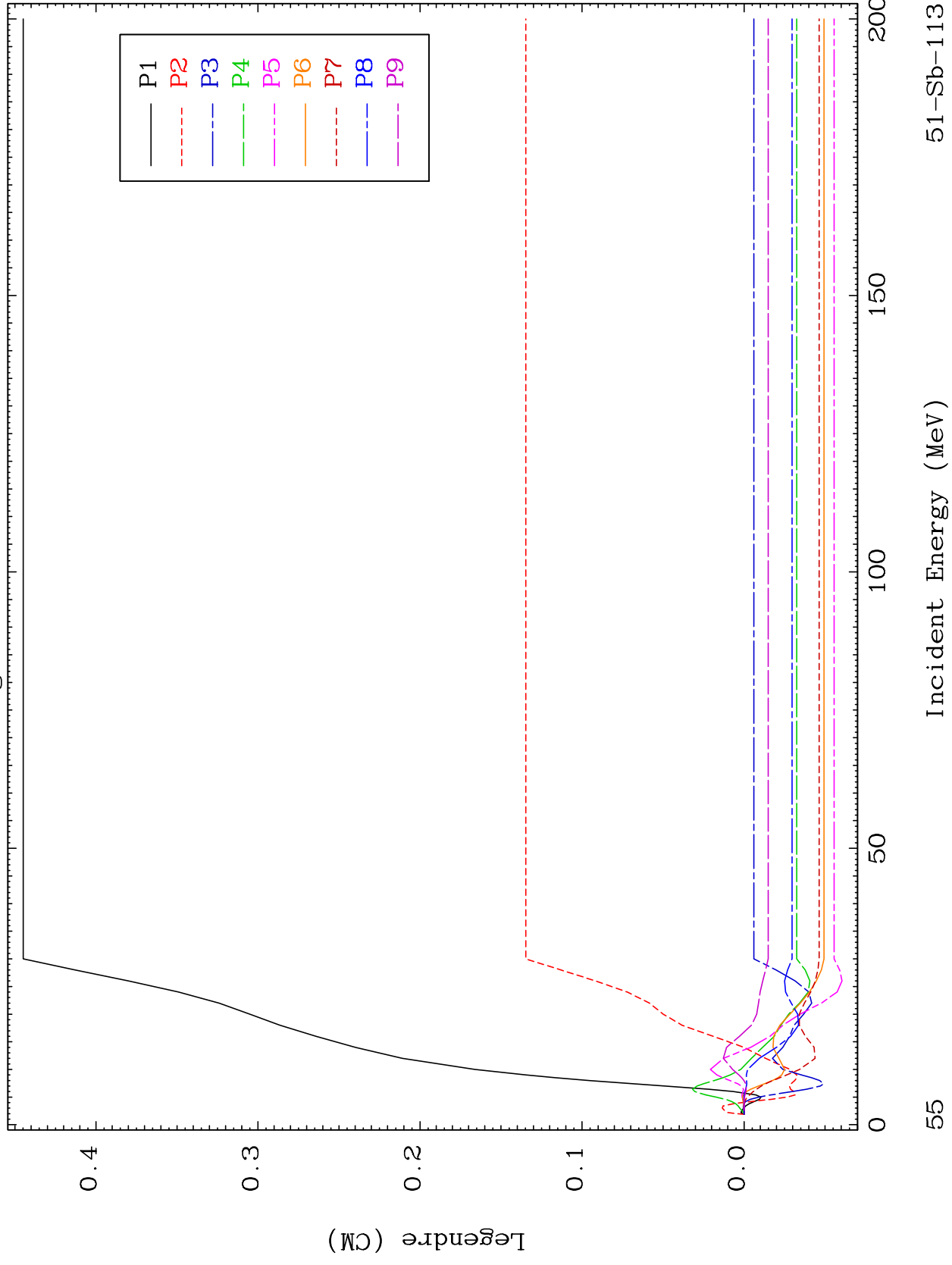
54

51-Sb-113

MAT 5101

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

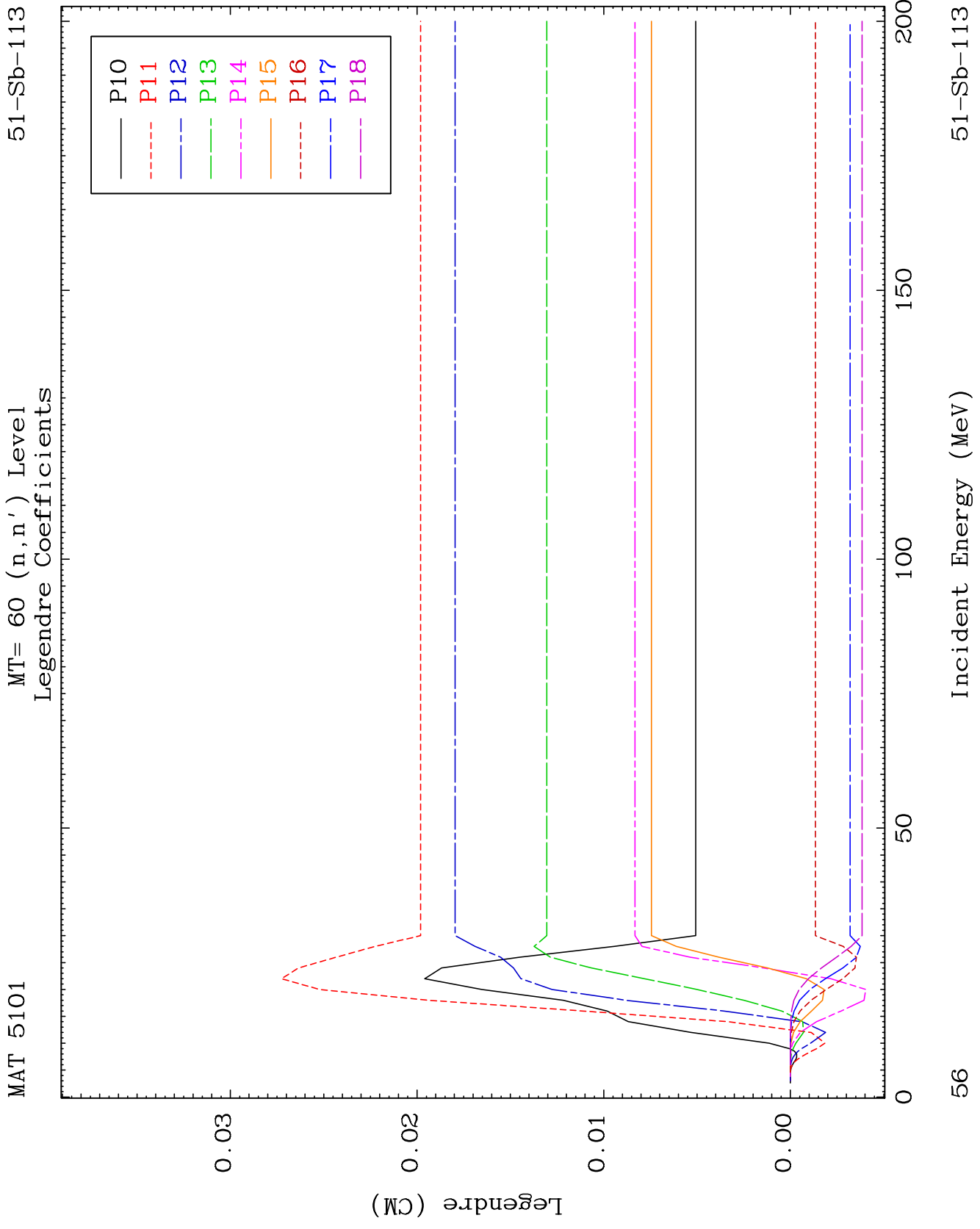
51-Sb-113

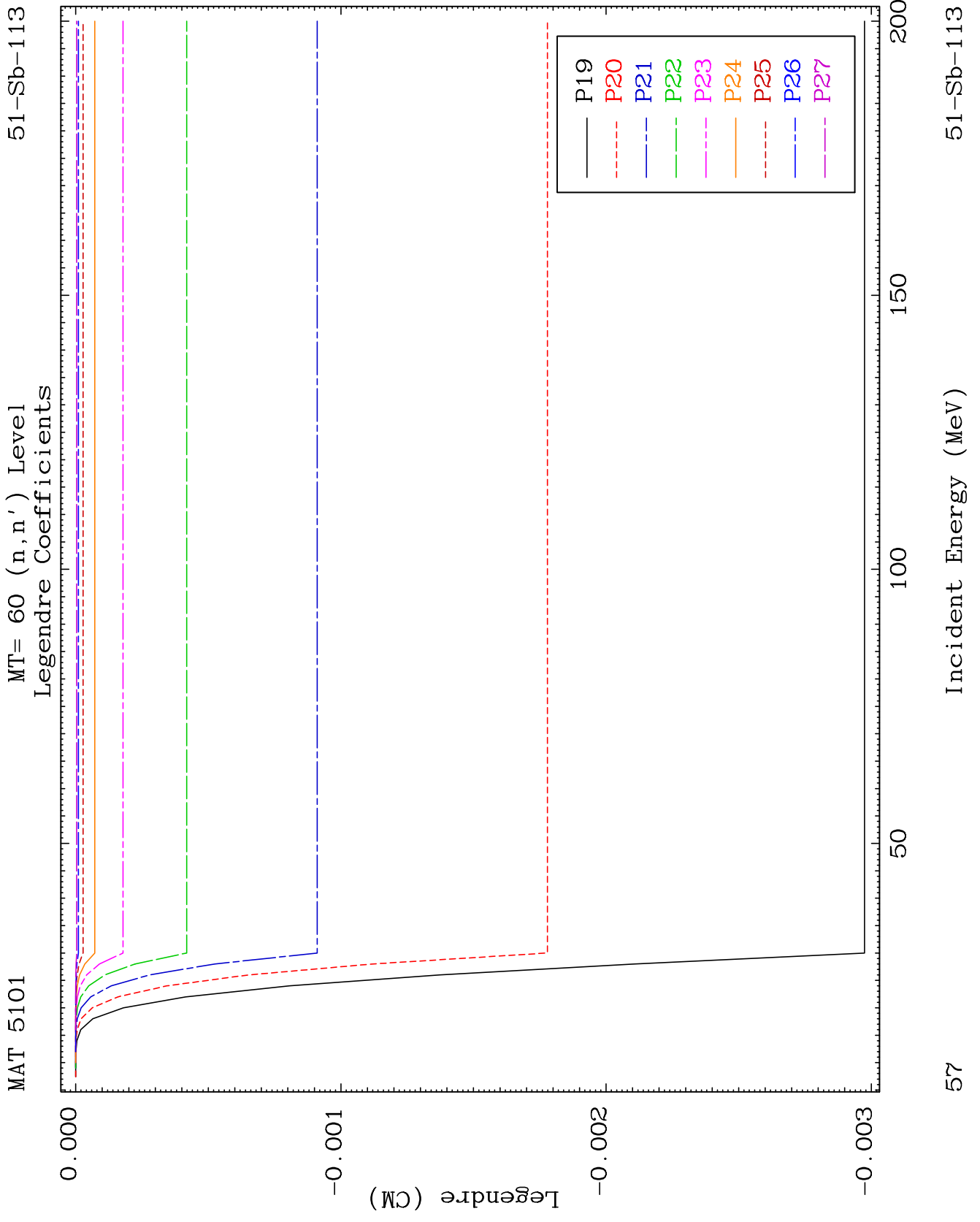


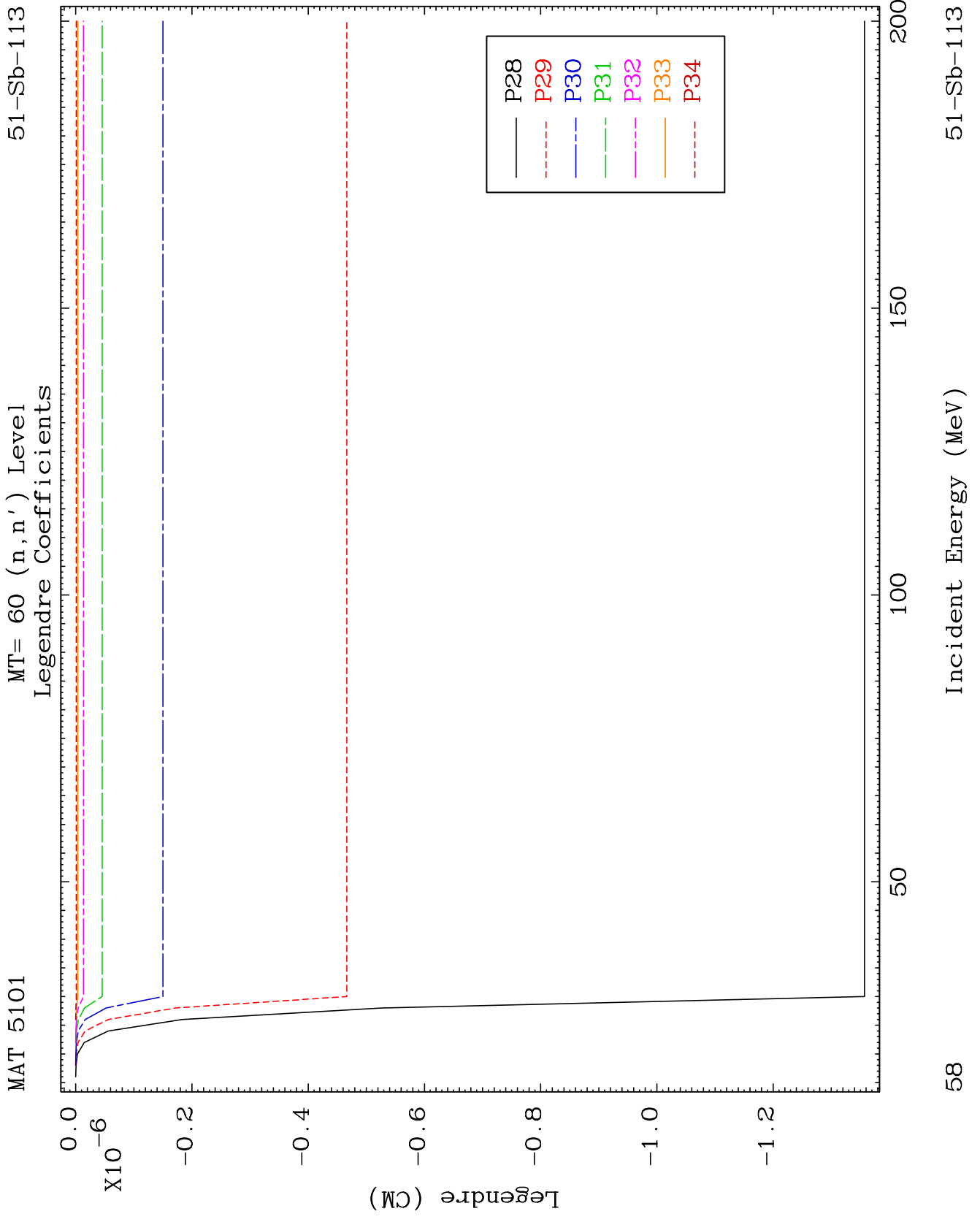
51-Sb-113

Incident Energy (MeV)

55



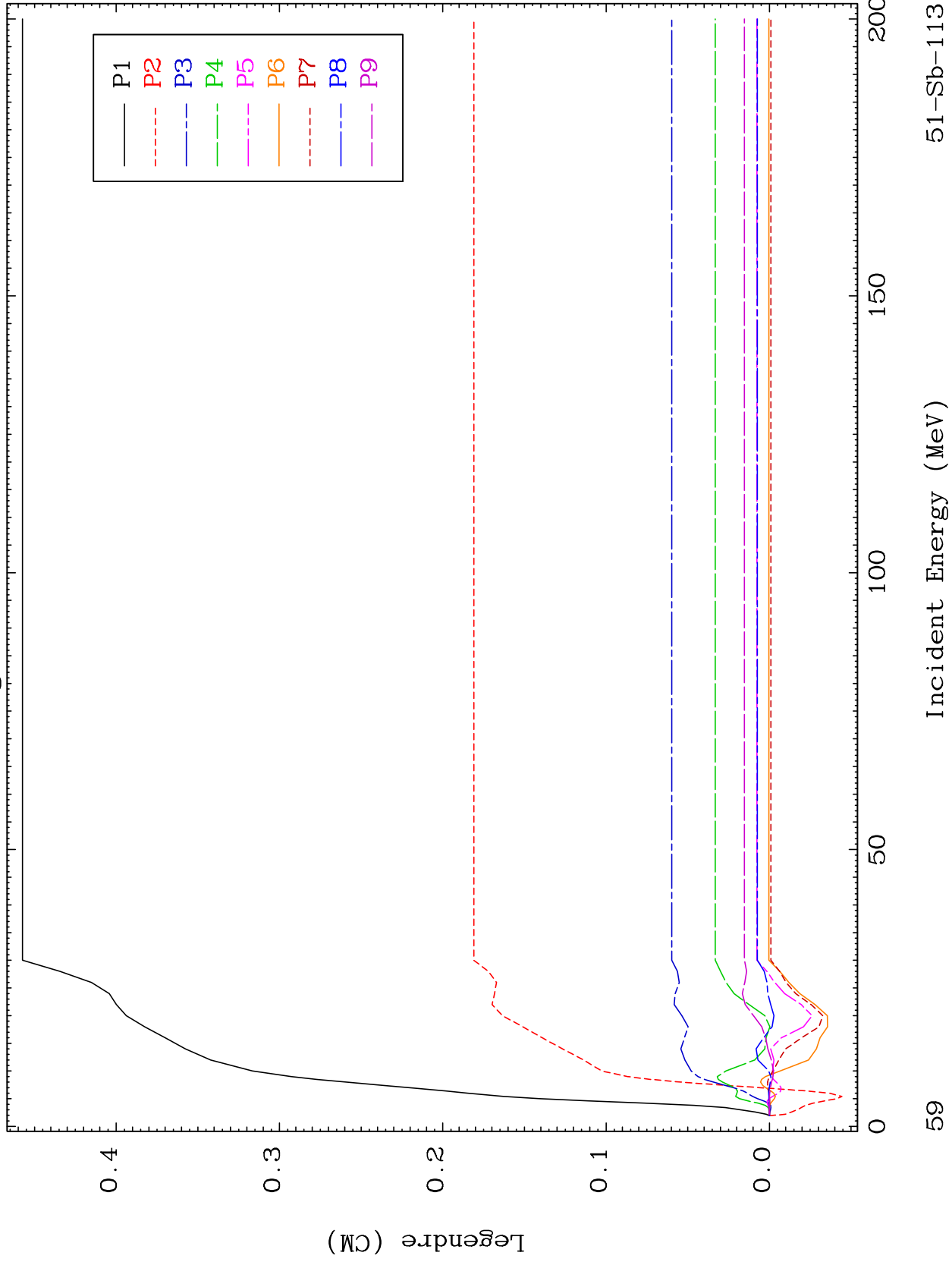




MAT 5101

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

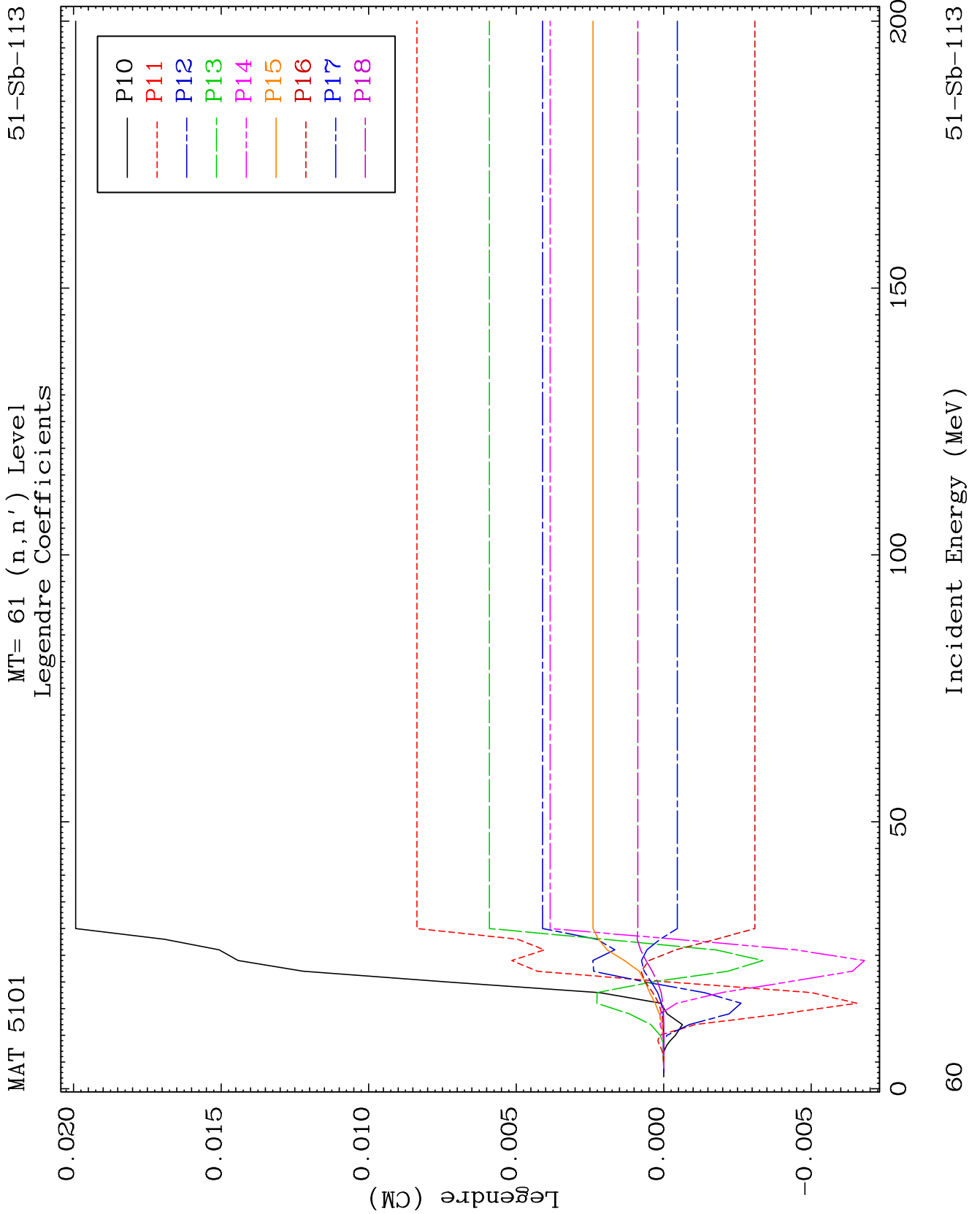
51-Sb-113



51-Sb-113

Incident Energy (MeV)

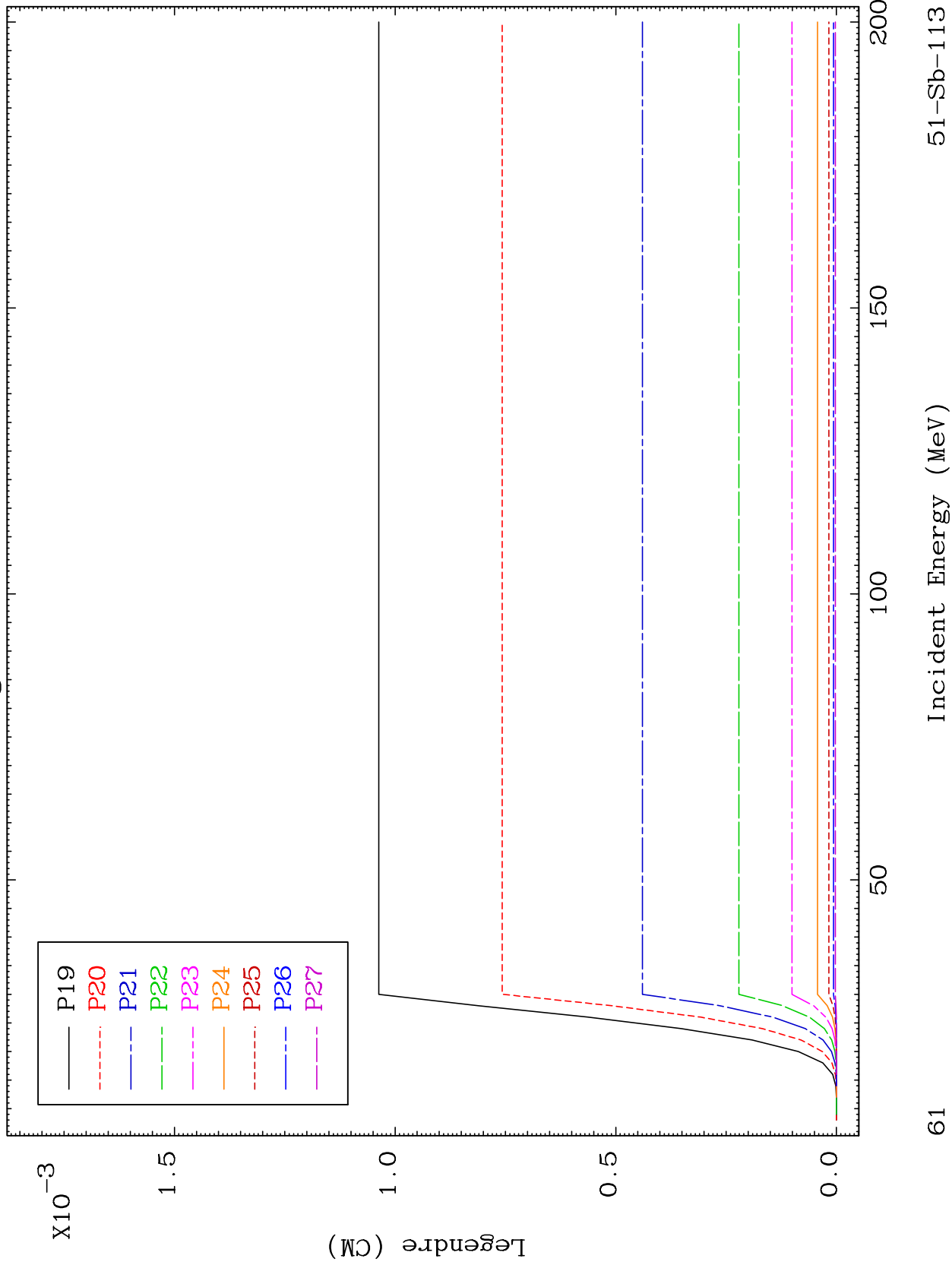
59



MAT 5101

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

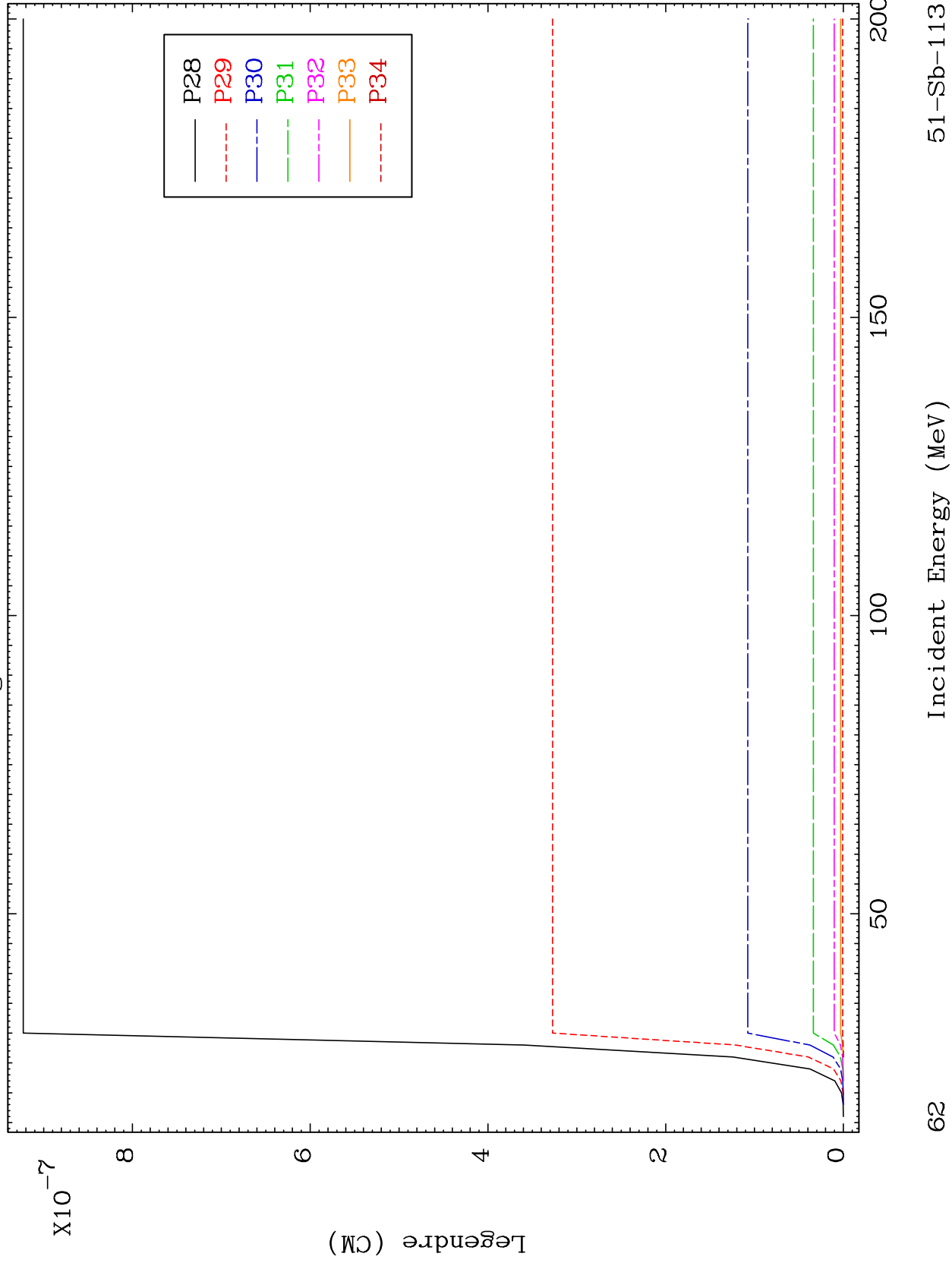
51-Sb-113



MAT 5101

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

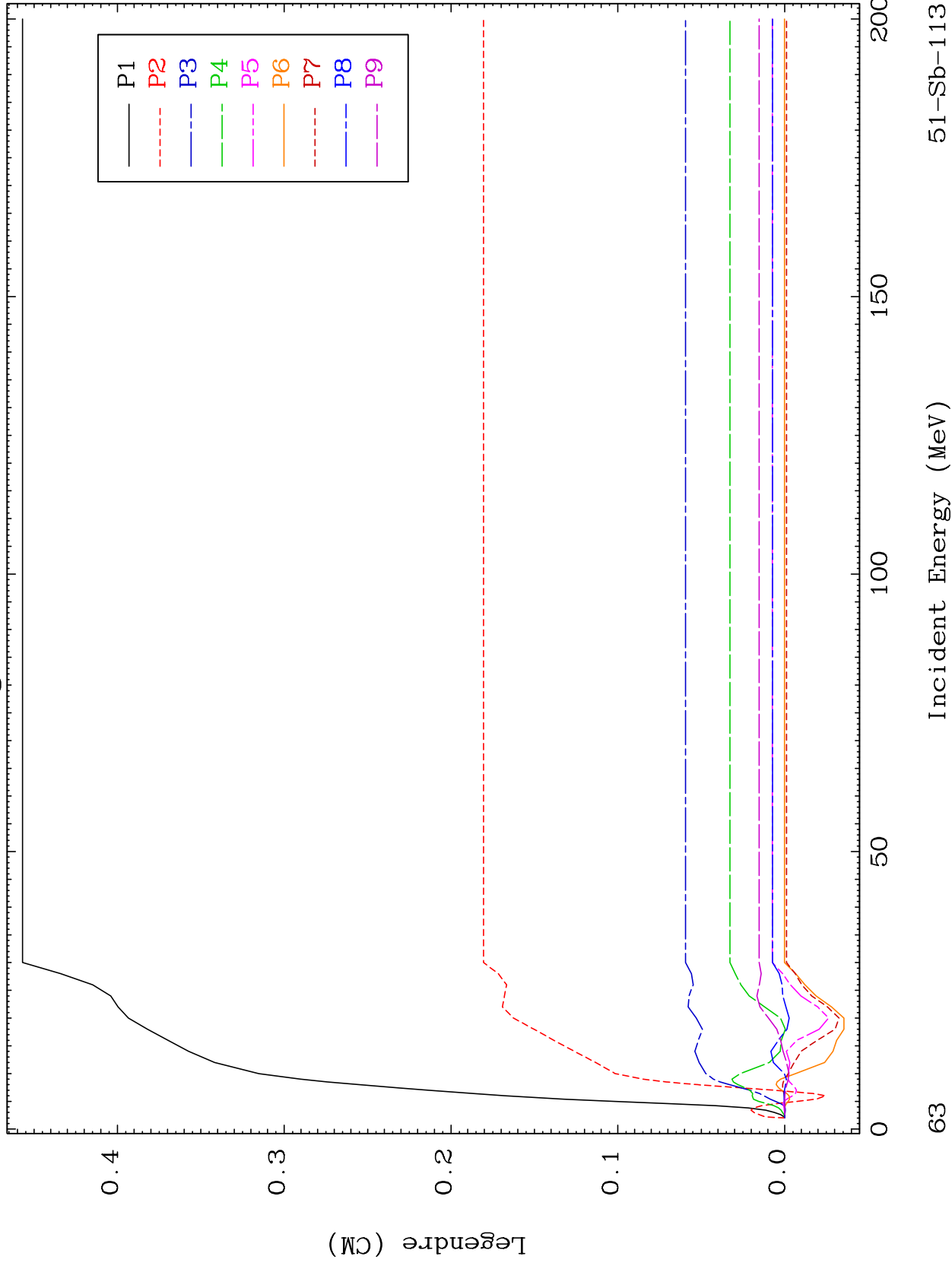
51-Sb-113



MAT 5101

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

51-Sb-113



51-Sb-113

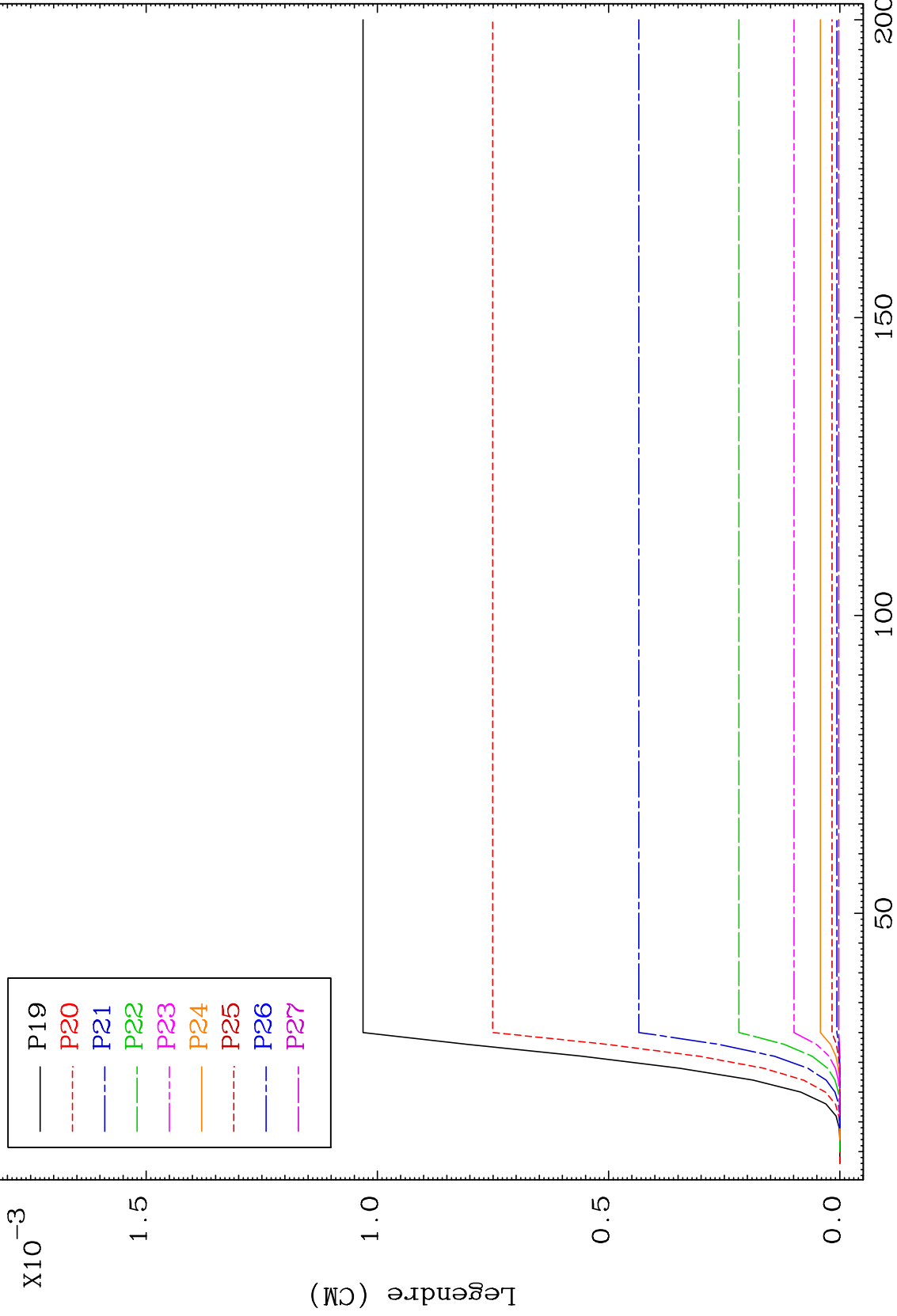
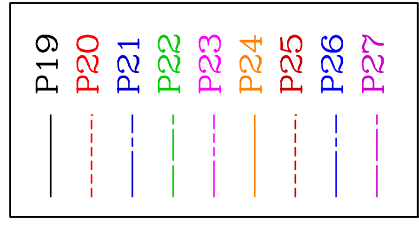
Incident Energy (MeV)

63

MAT 5101

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

51-Sb-113



65

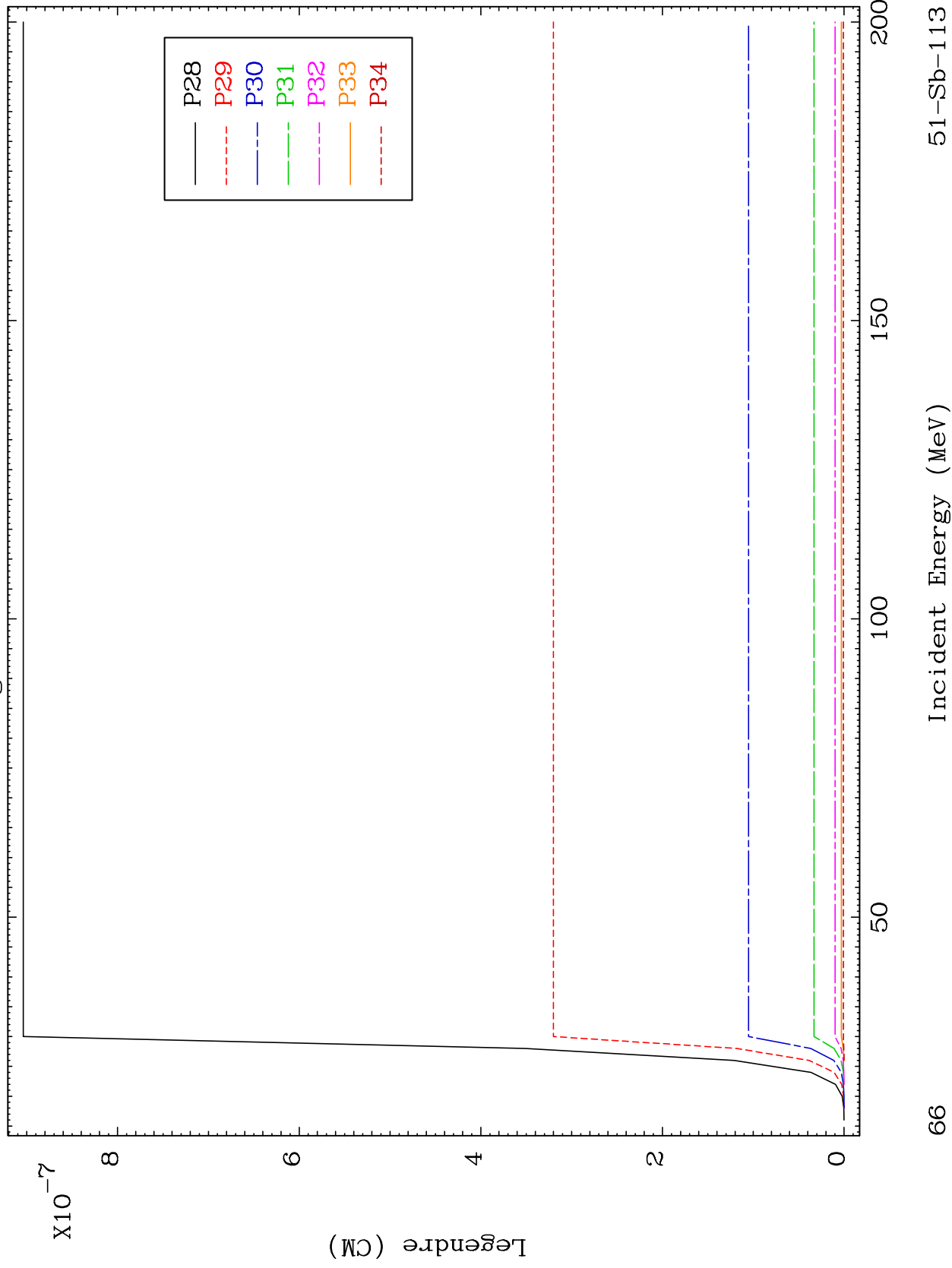
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



66

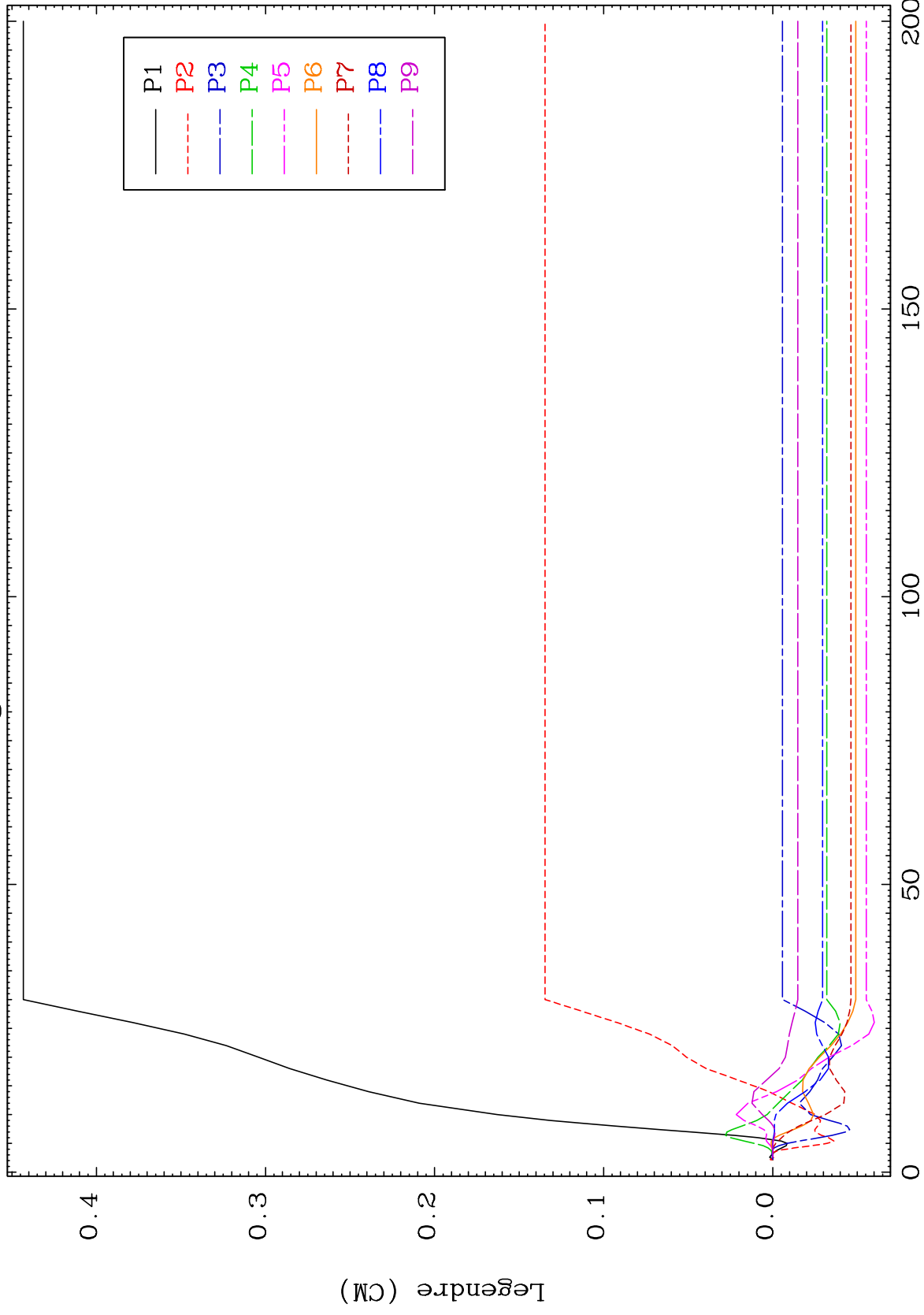
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

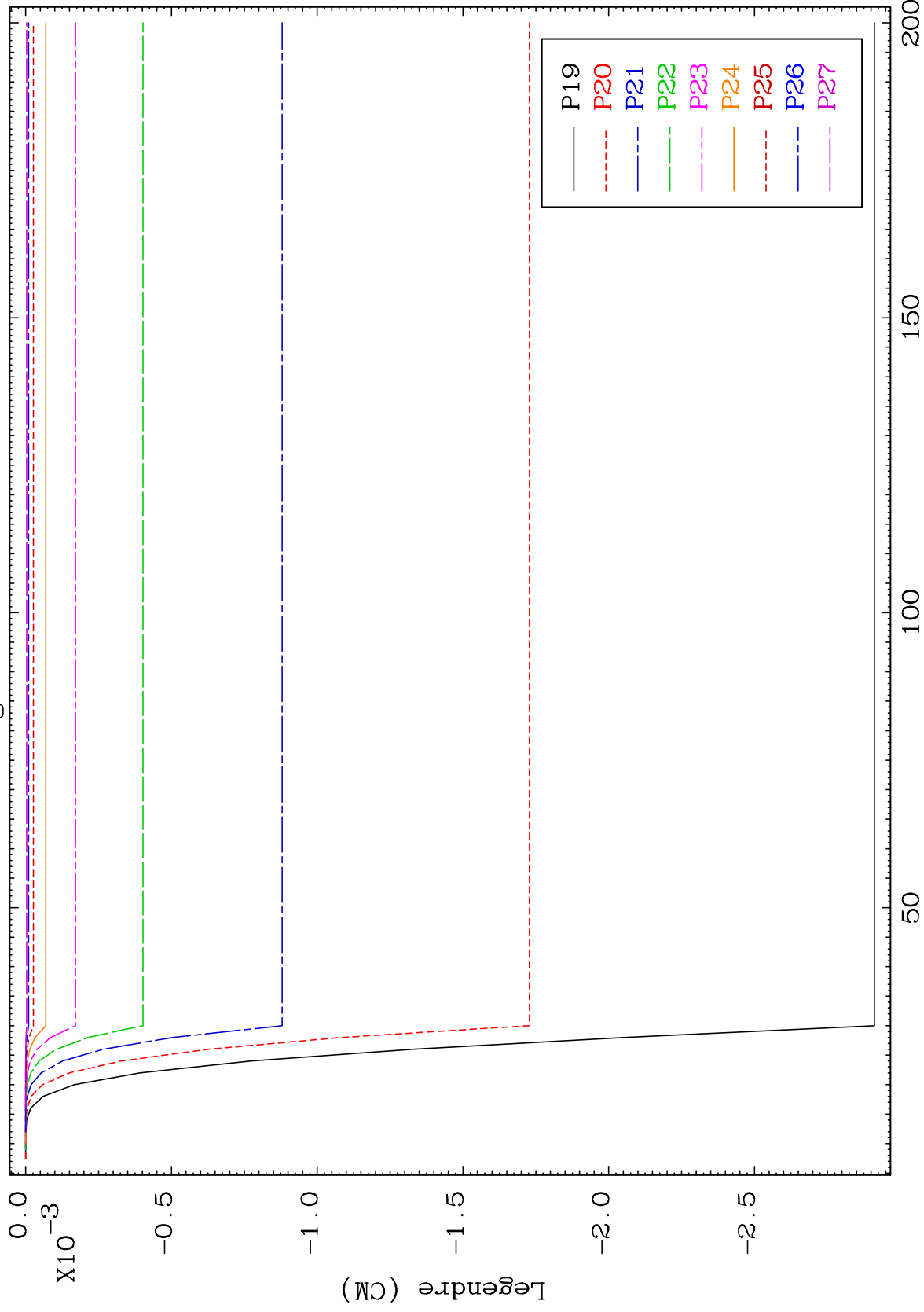
Incident Energy (MeV)

67

MAT 5101

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

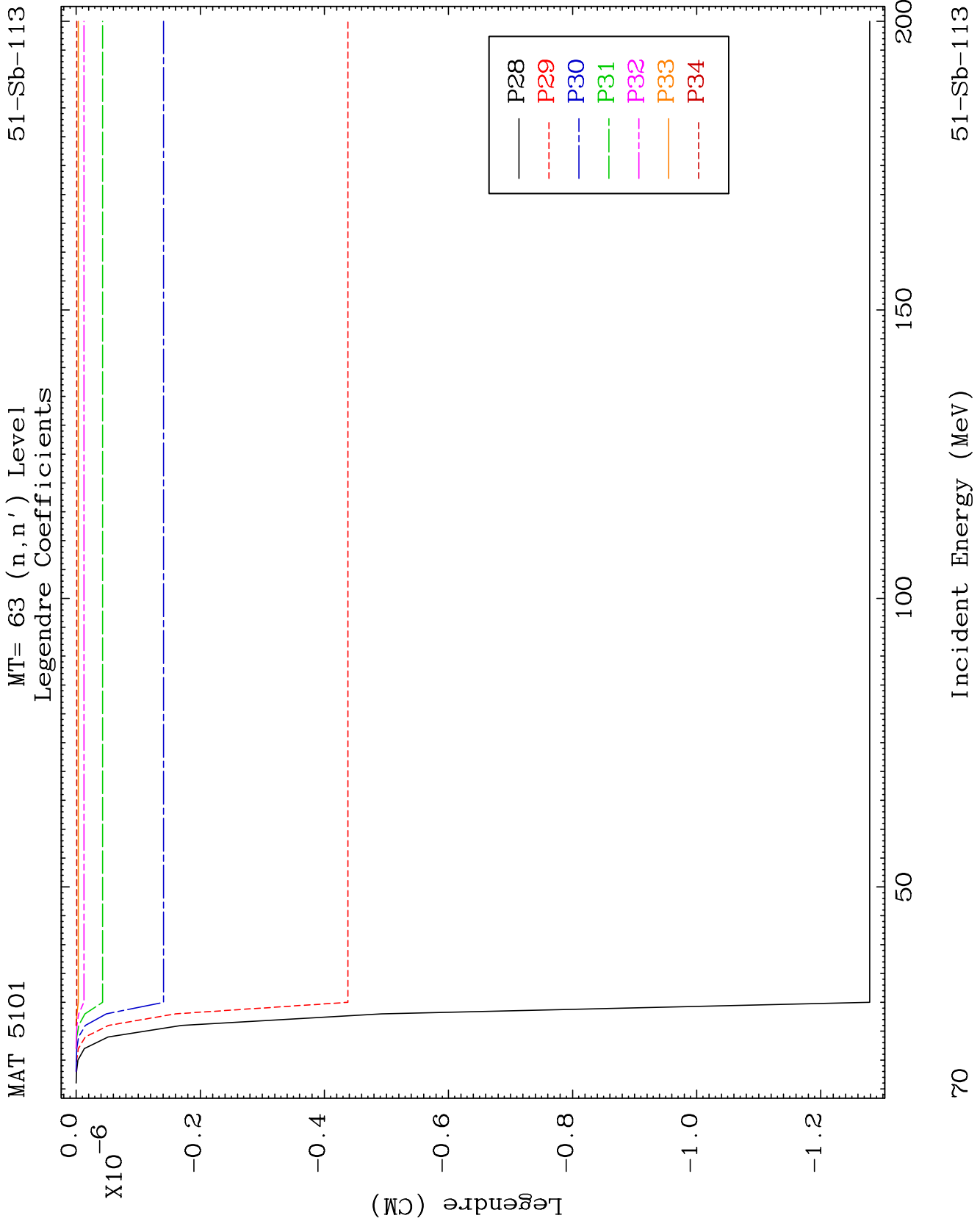
51-Sb-113



69

Incident Energy (MeV)

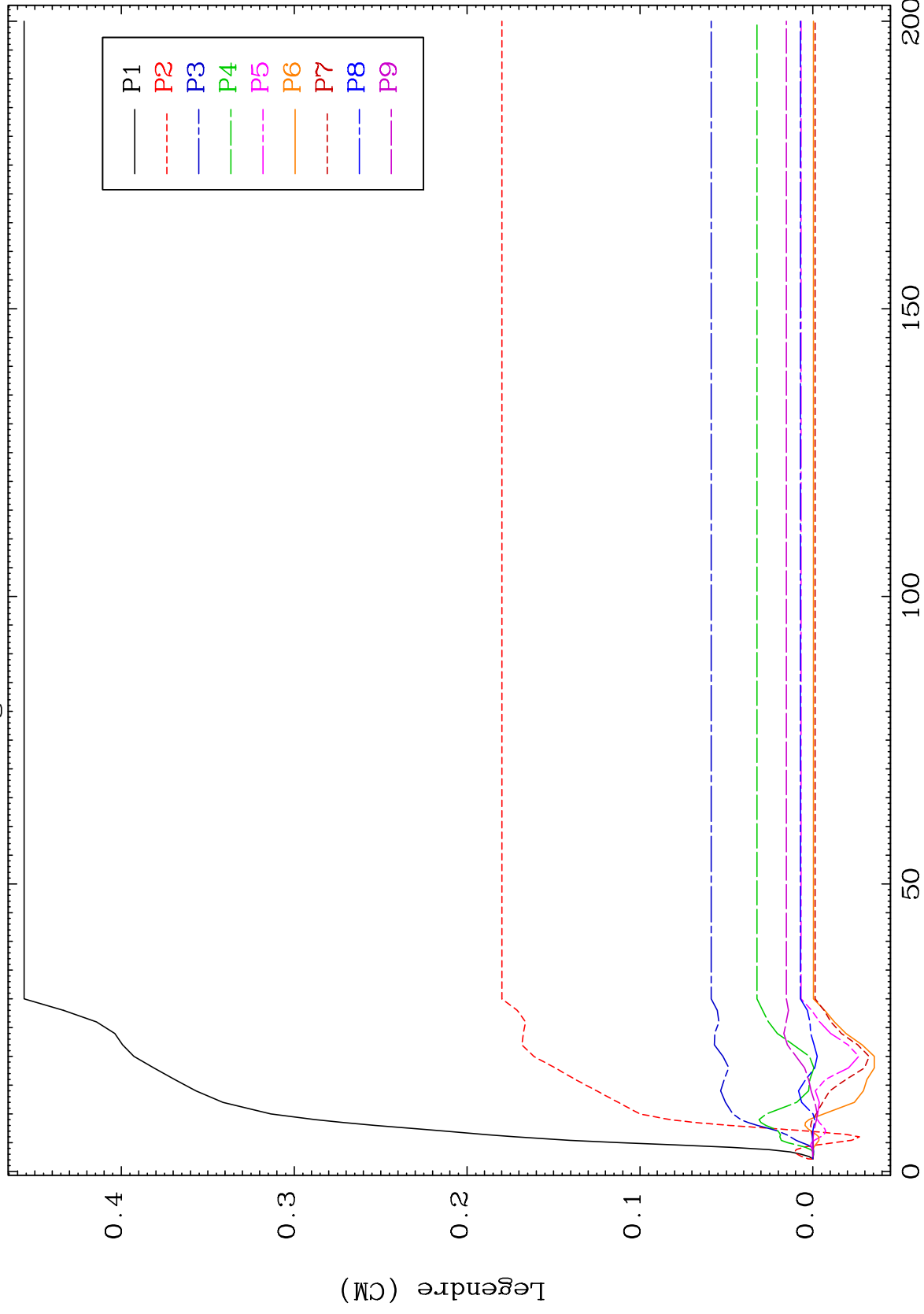
51-Sb-113



MAT 5101

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

51-Sb-113



71

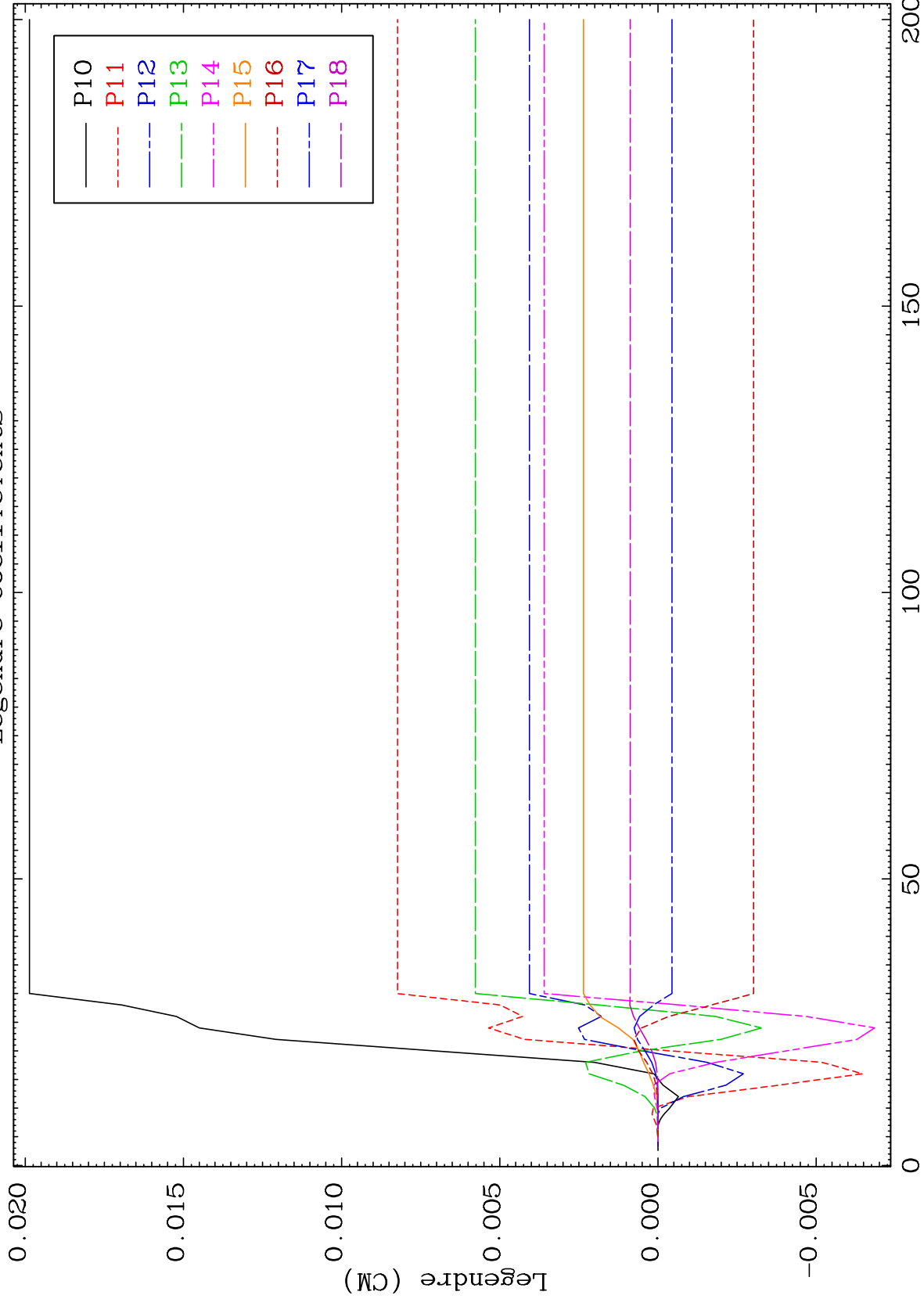
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



72

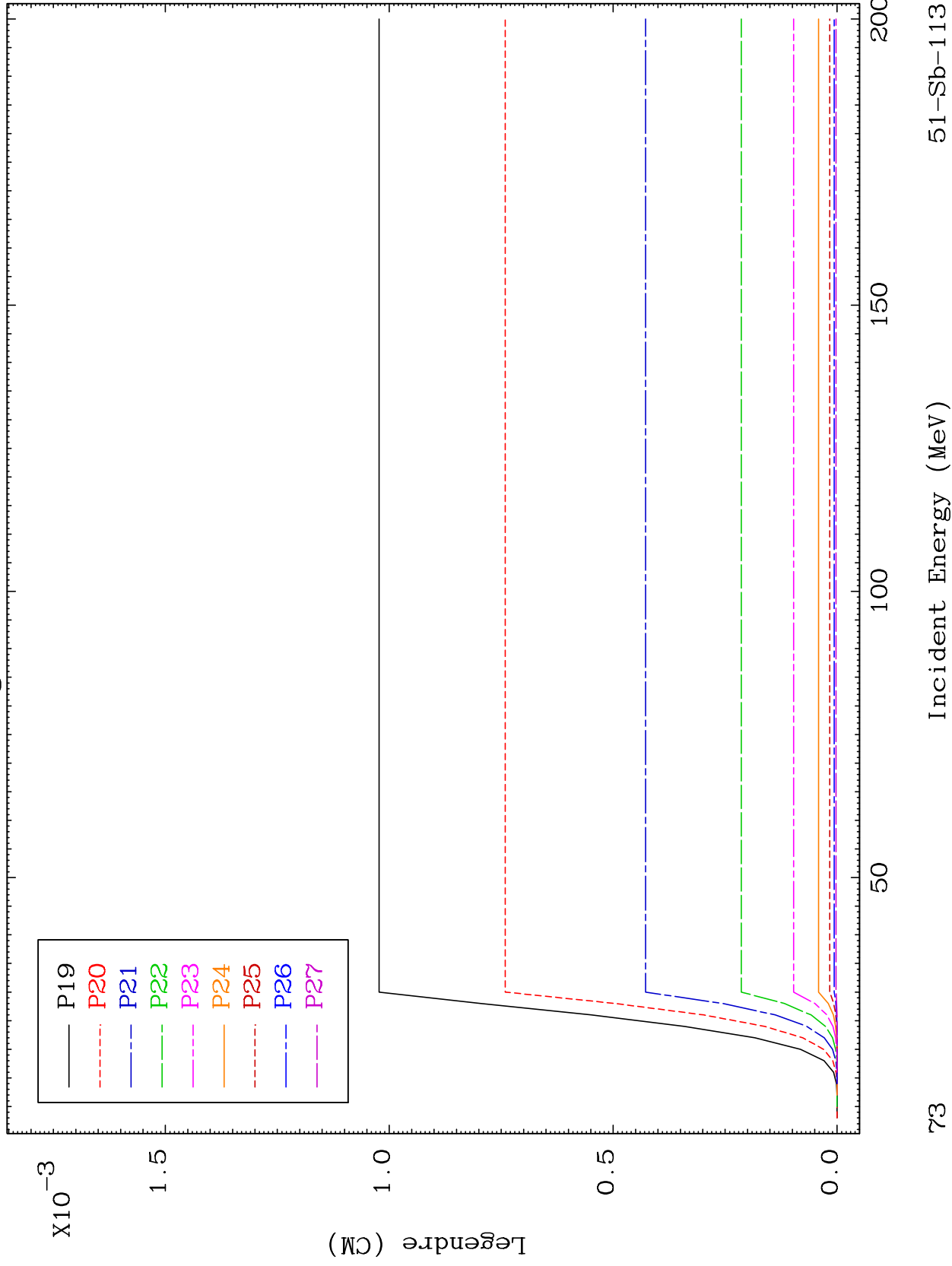
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

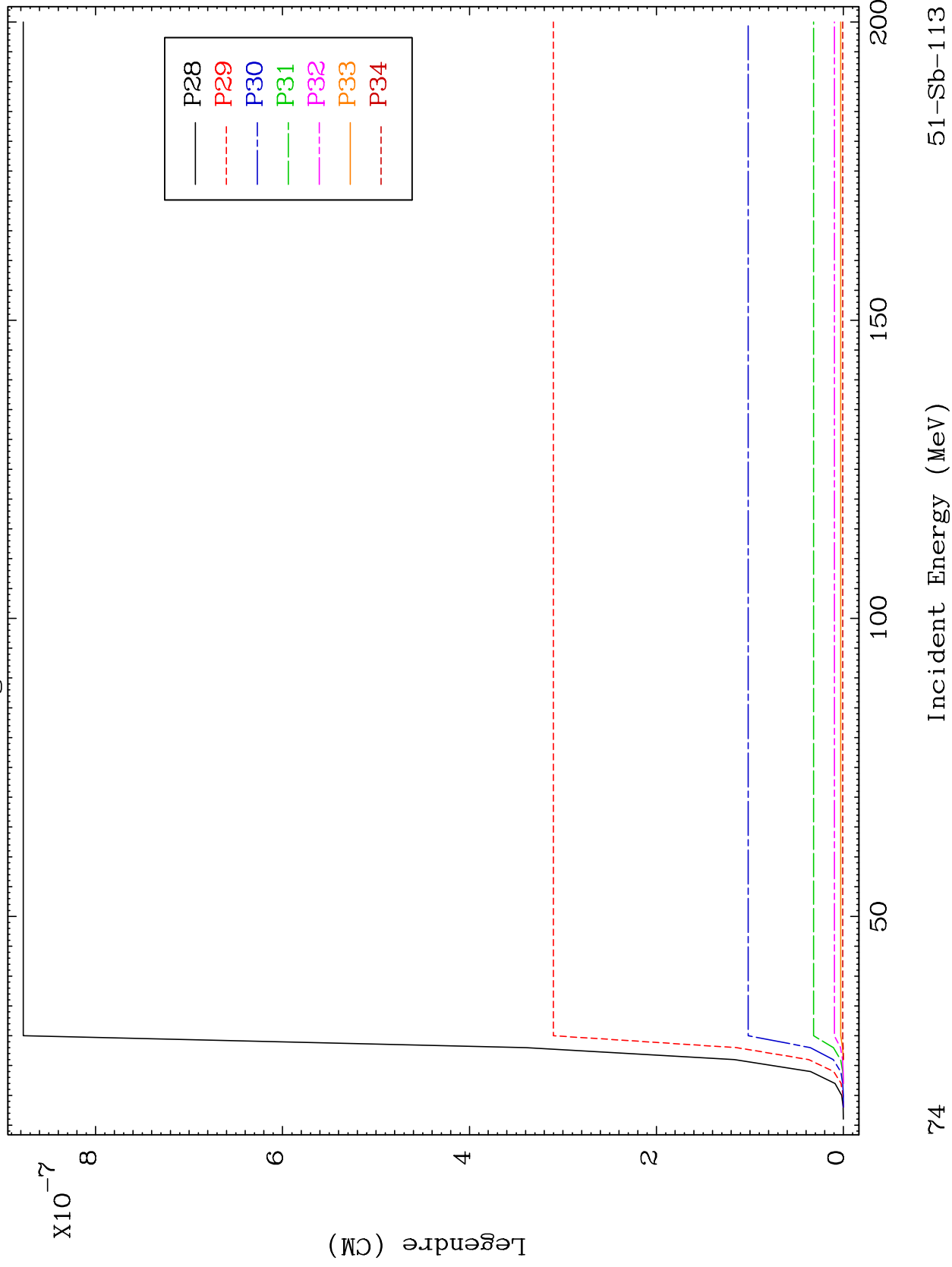
51-Sb-113



MAT 5101

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

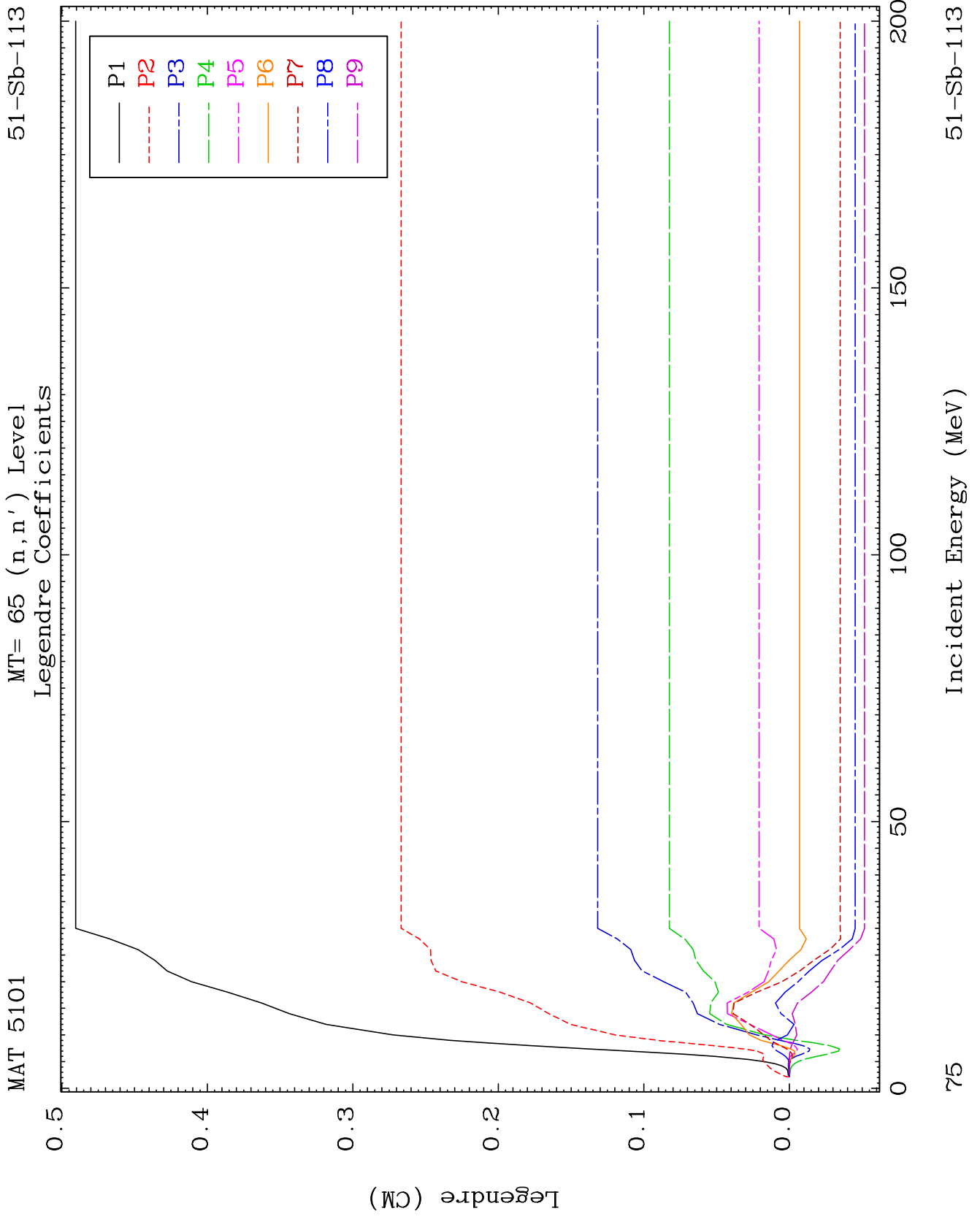
51-Sb-113



74

Incident Energy (MeV)

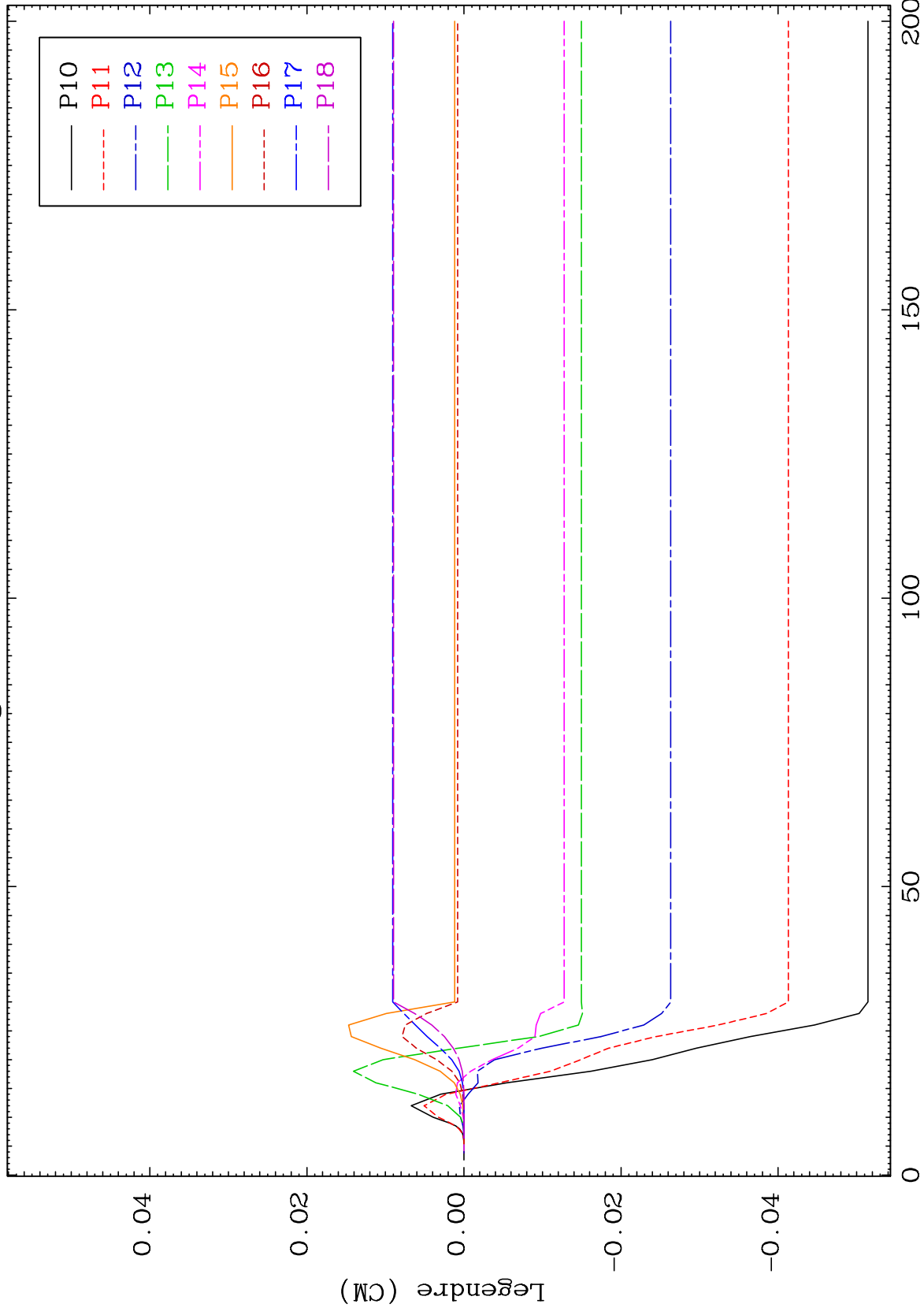
51-Sb-113



MAT 5101

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

51-Sb-113



76

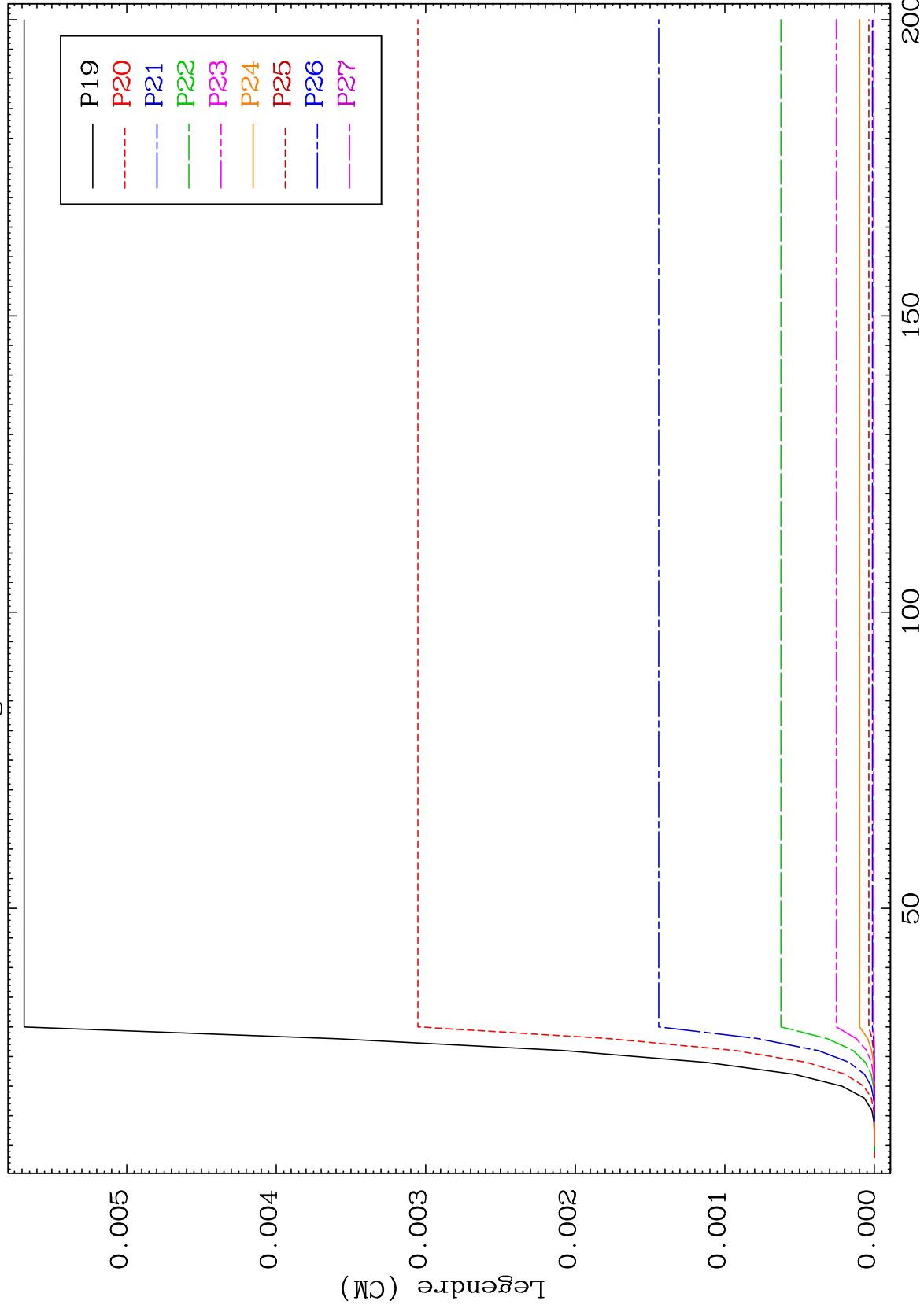
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



77

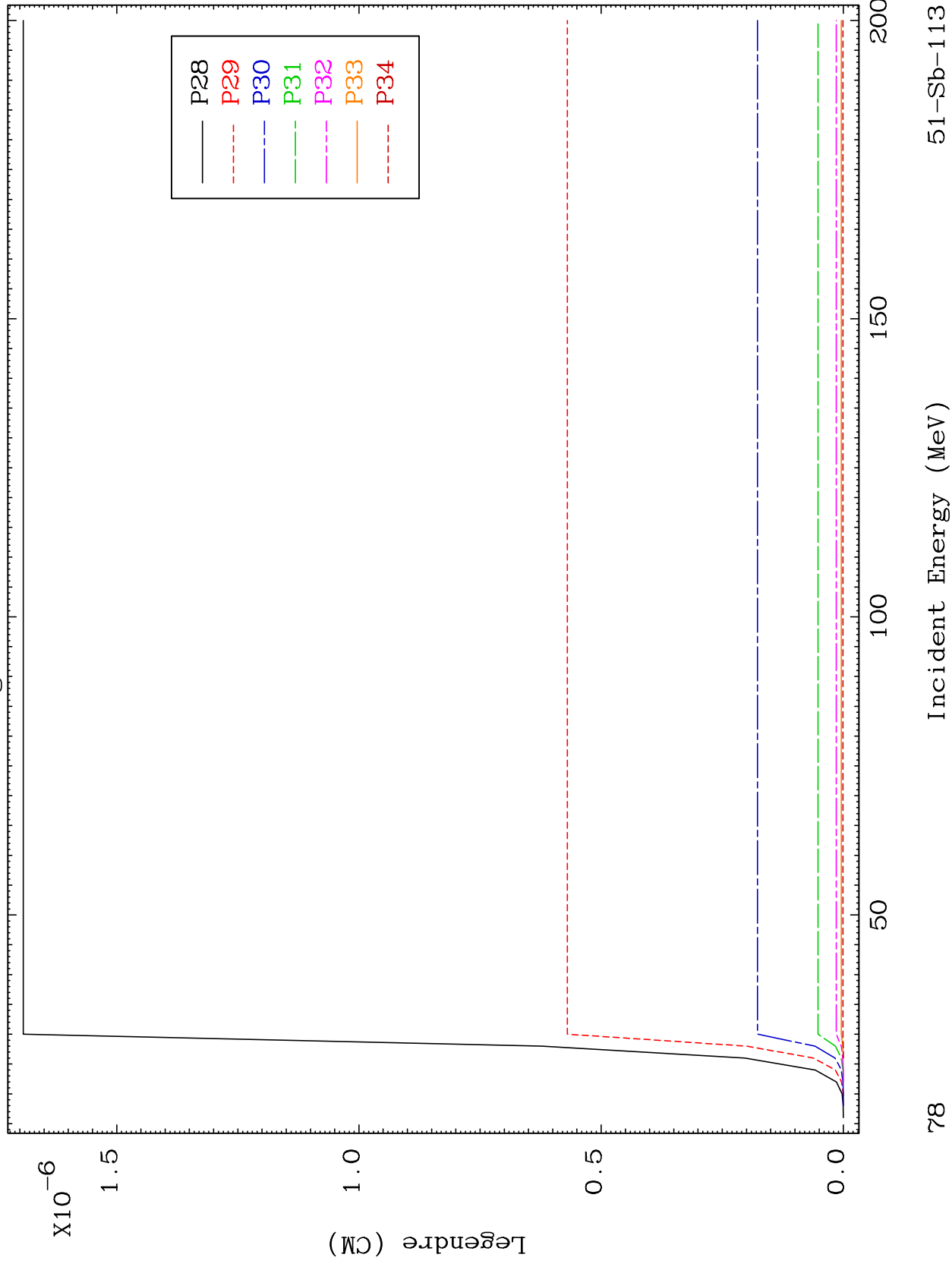
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

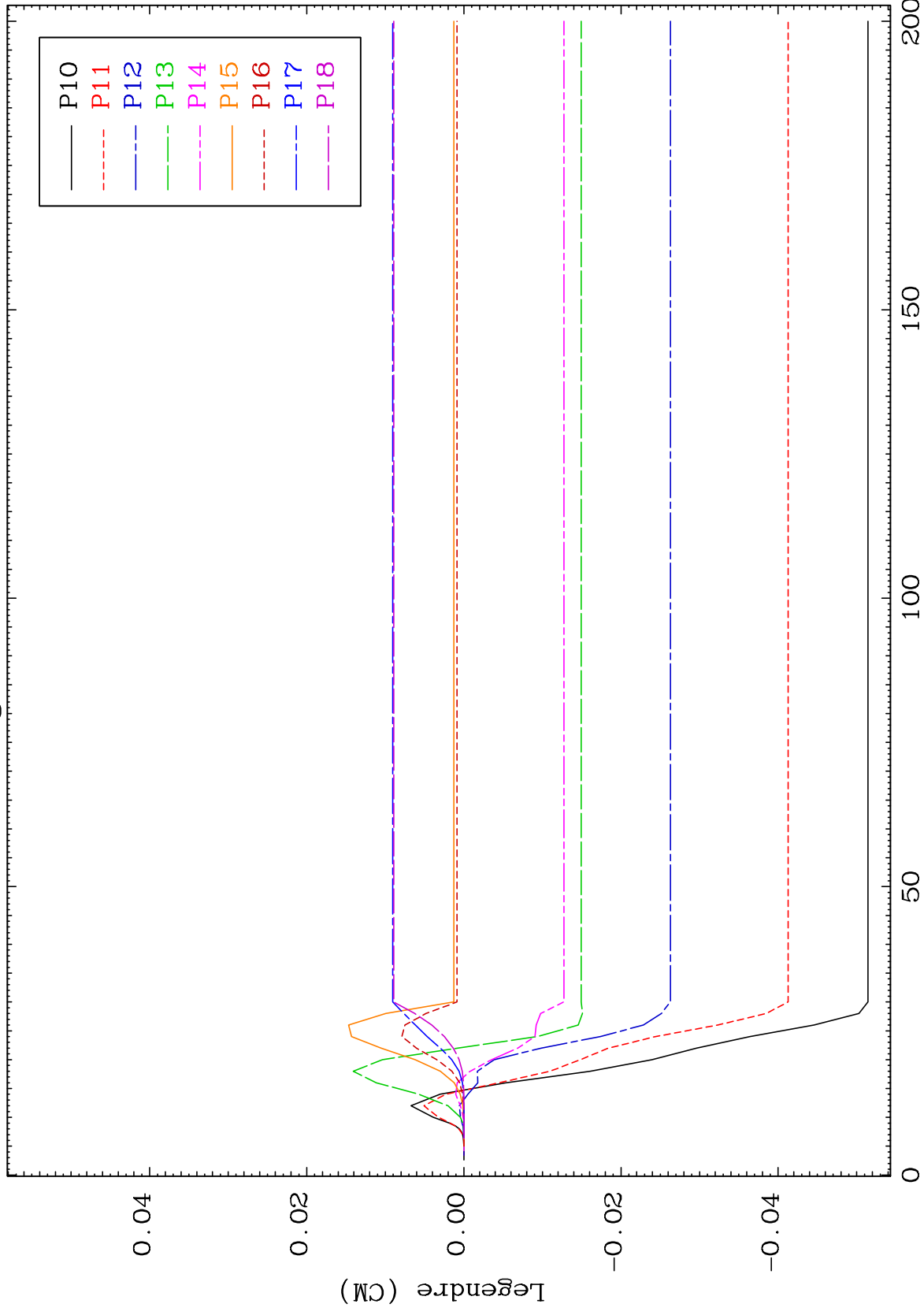
51-Sb-113



MAT 5101

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

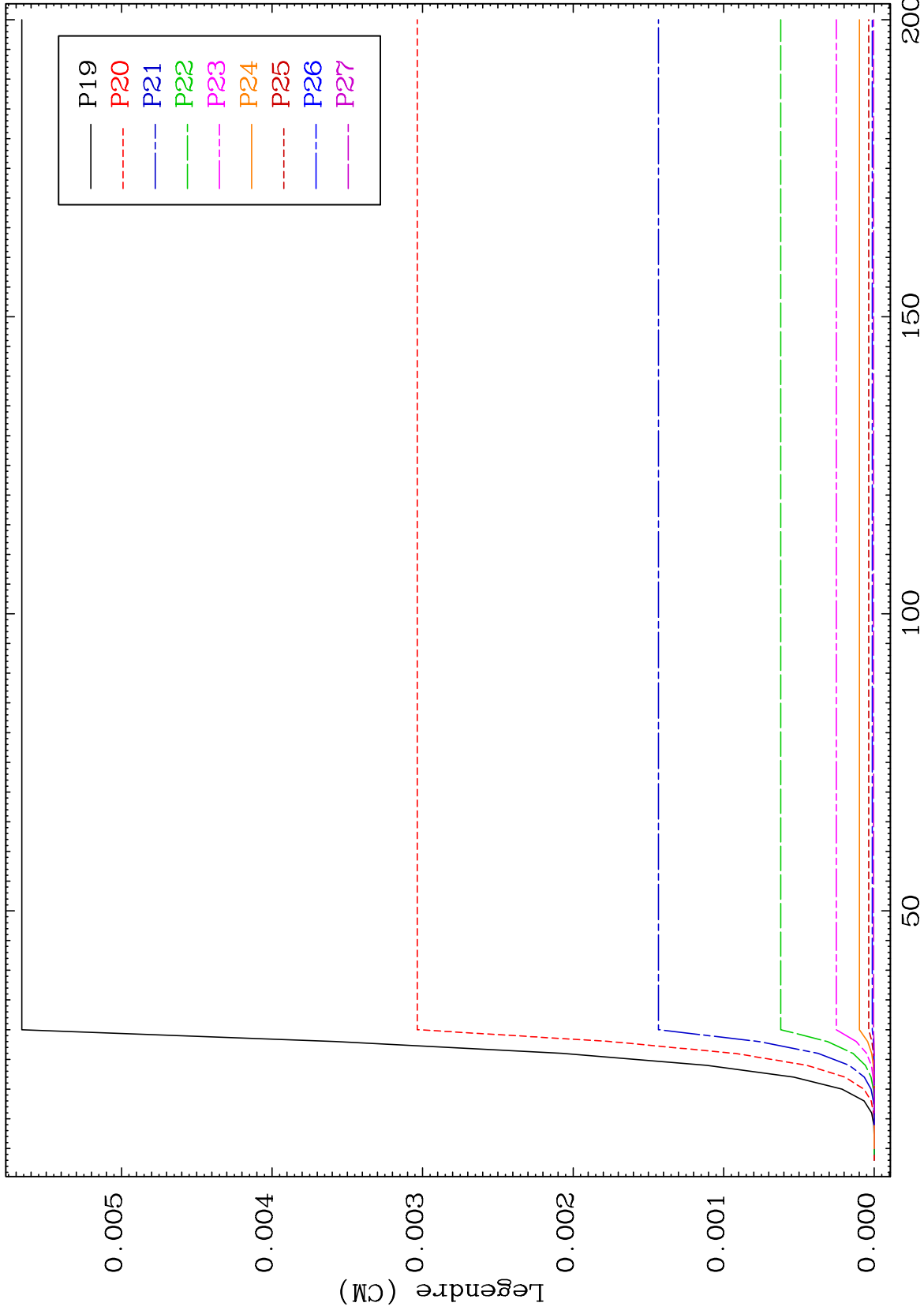
51-Sb-113



51-Sb-113

Incident Energy (MeV)

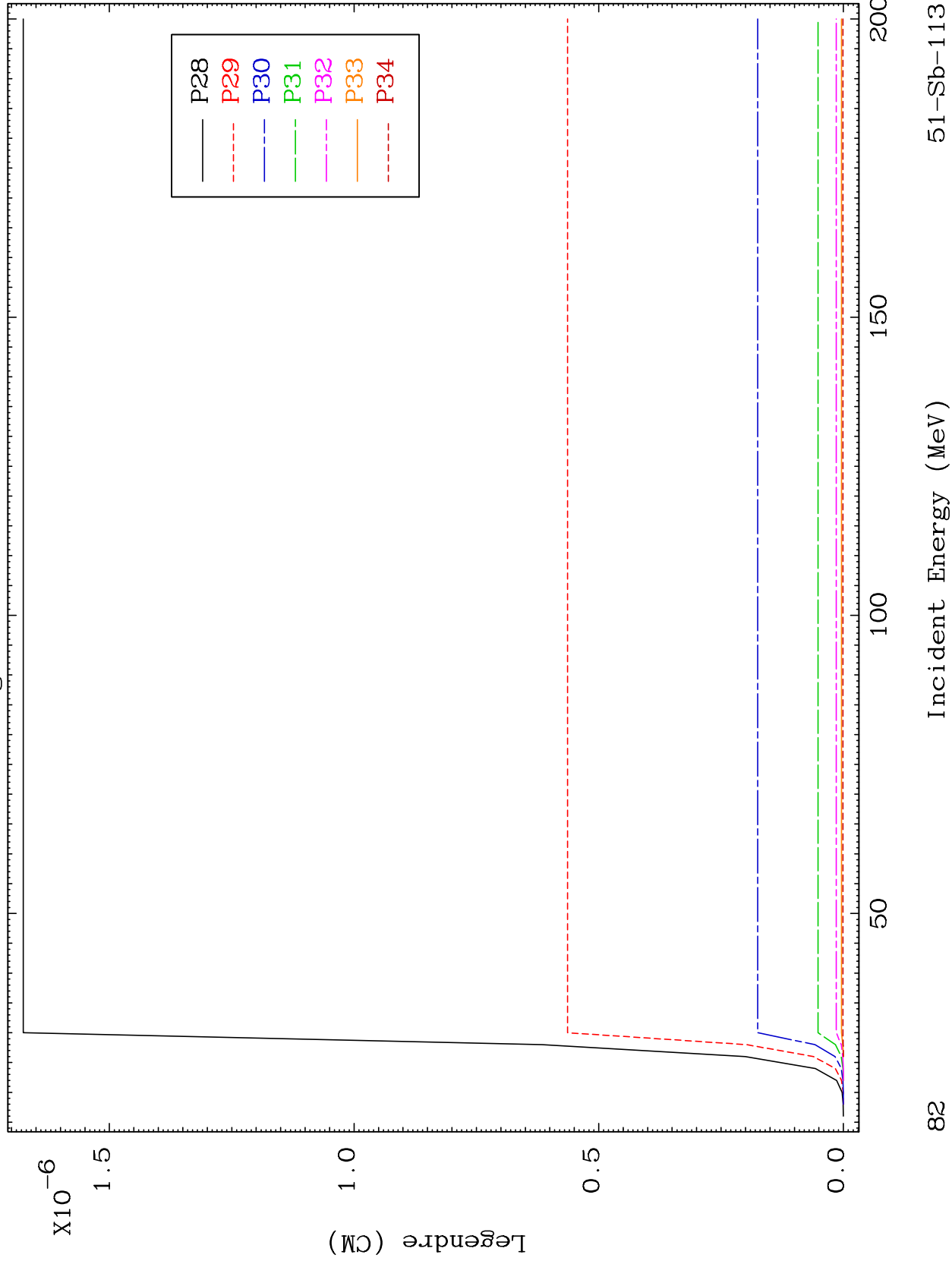
80



MAT 5101

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

51-Sb-113

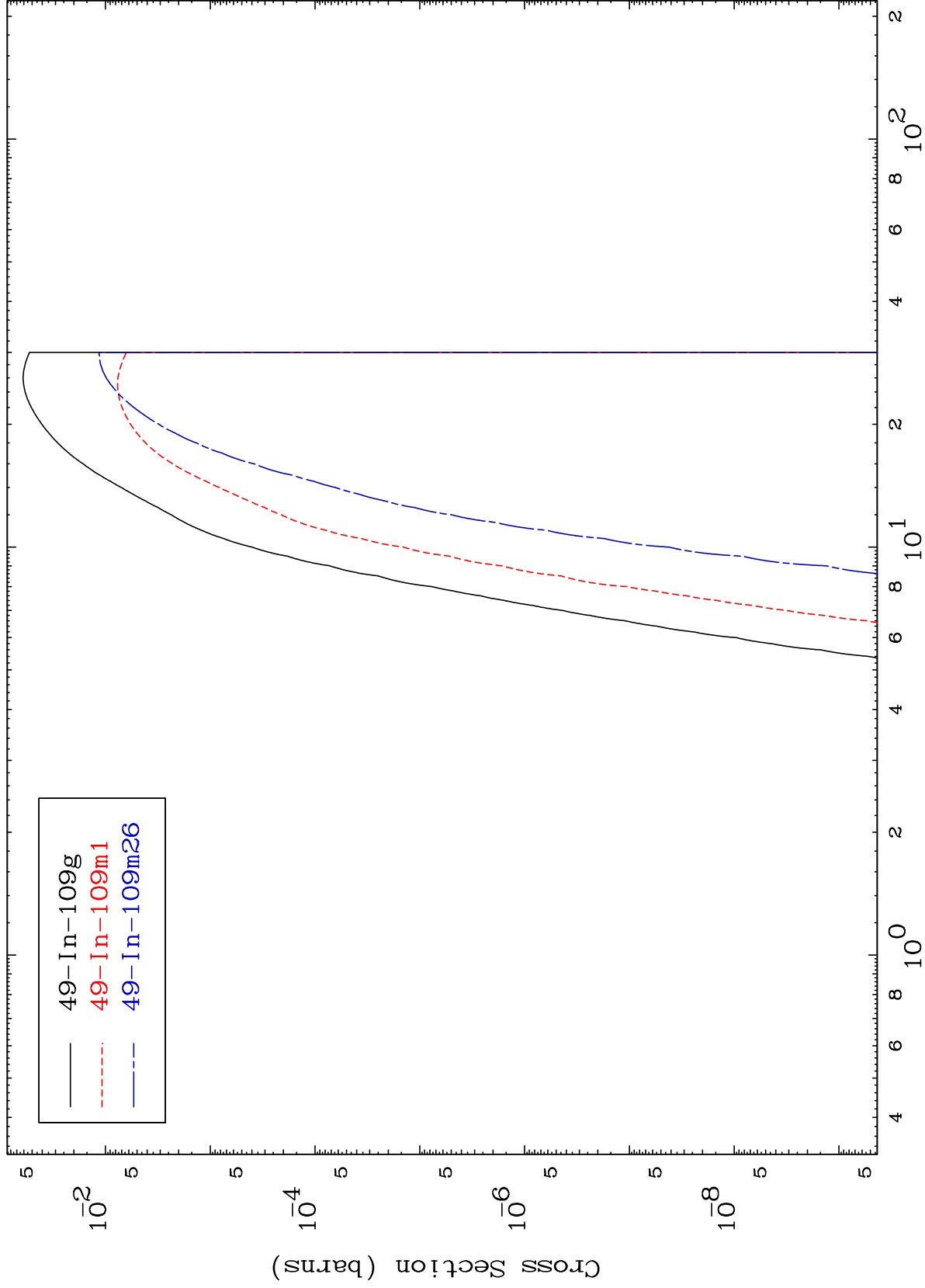


MAT 5101

(n,n') α

51-Sb-113

Radionuclide Production Cross Section

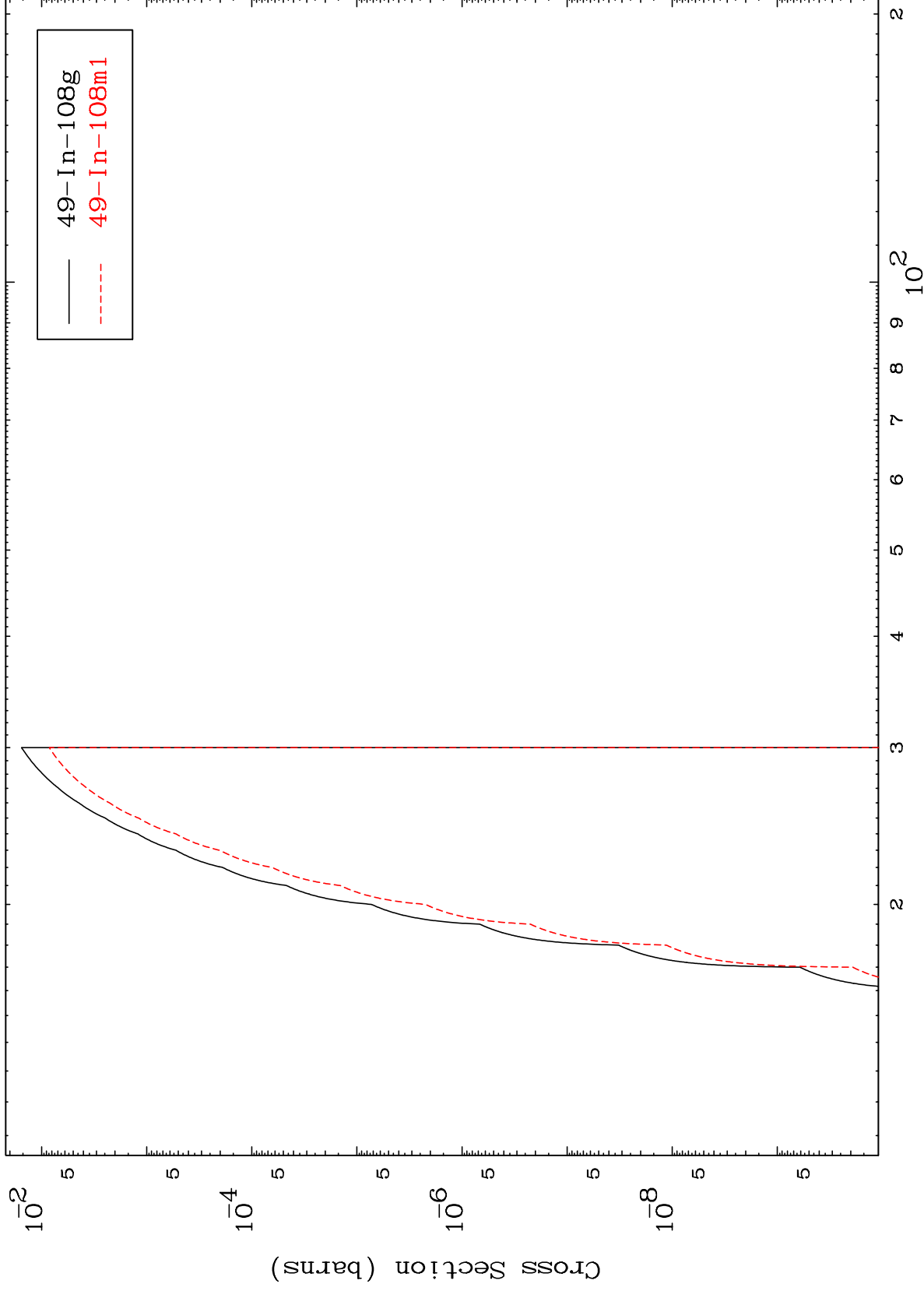


83

Incident Energy (MeV)

51-Sb-113

Radionuclide Production Cross Section

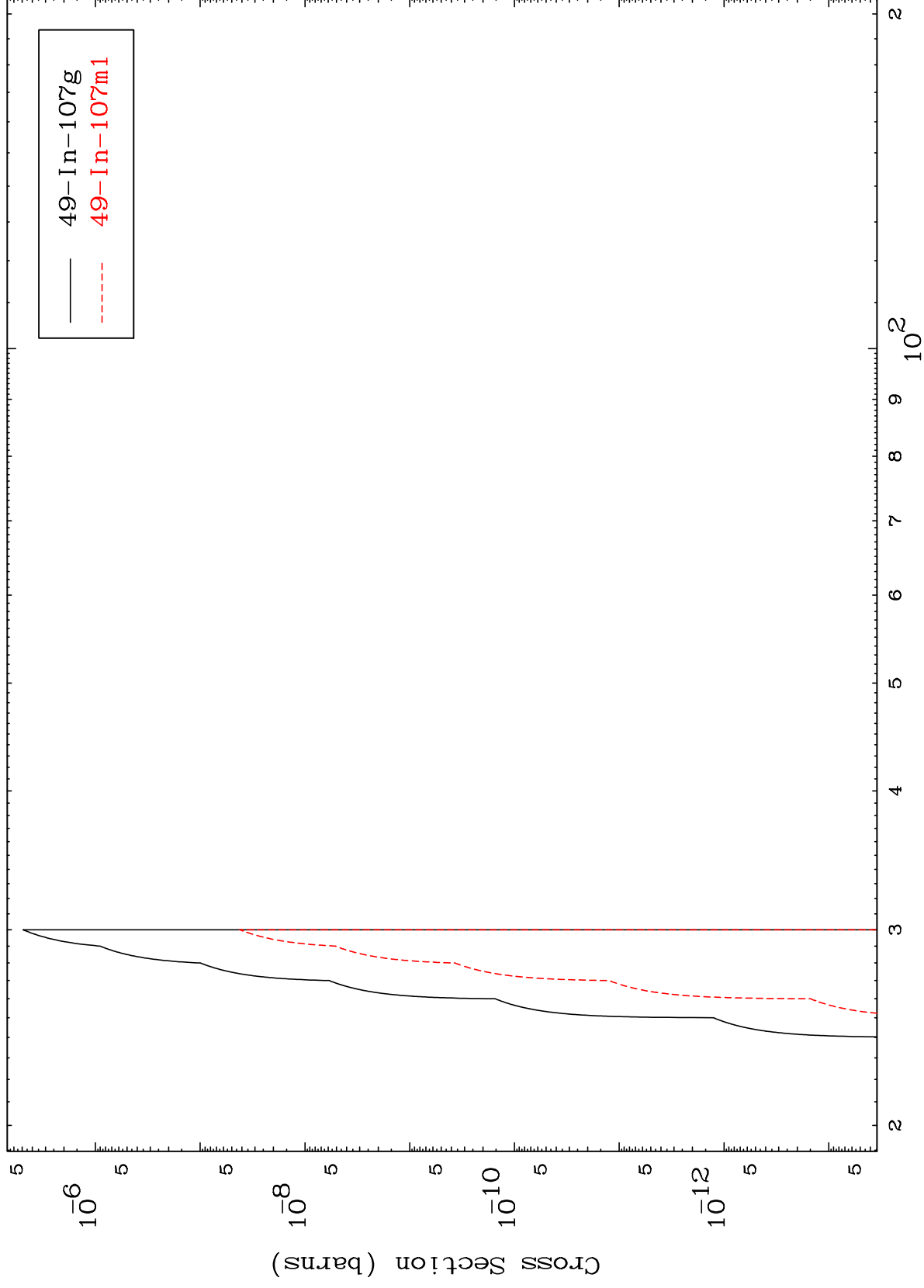


MAT 5101

(n,3n) α

51-Sb-113

Radionuclide Production Cross Section

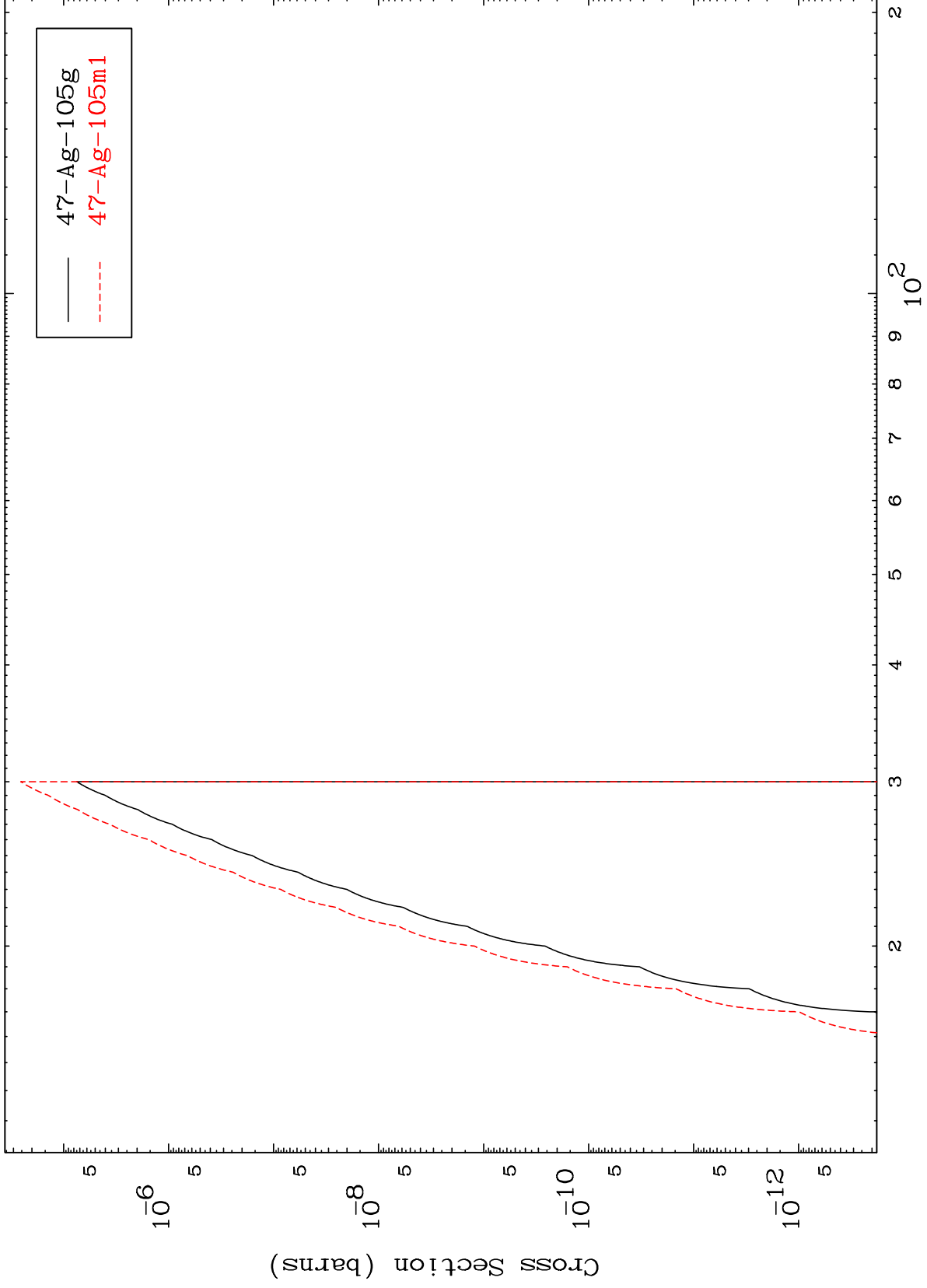


85

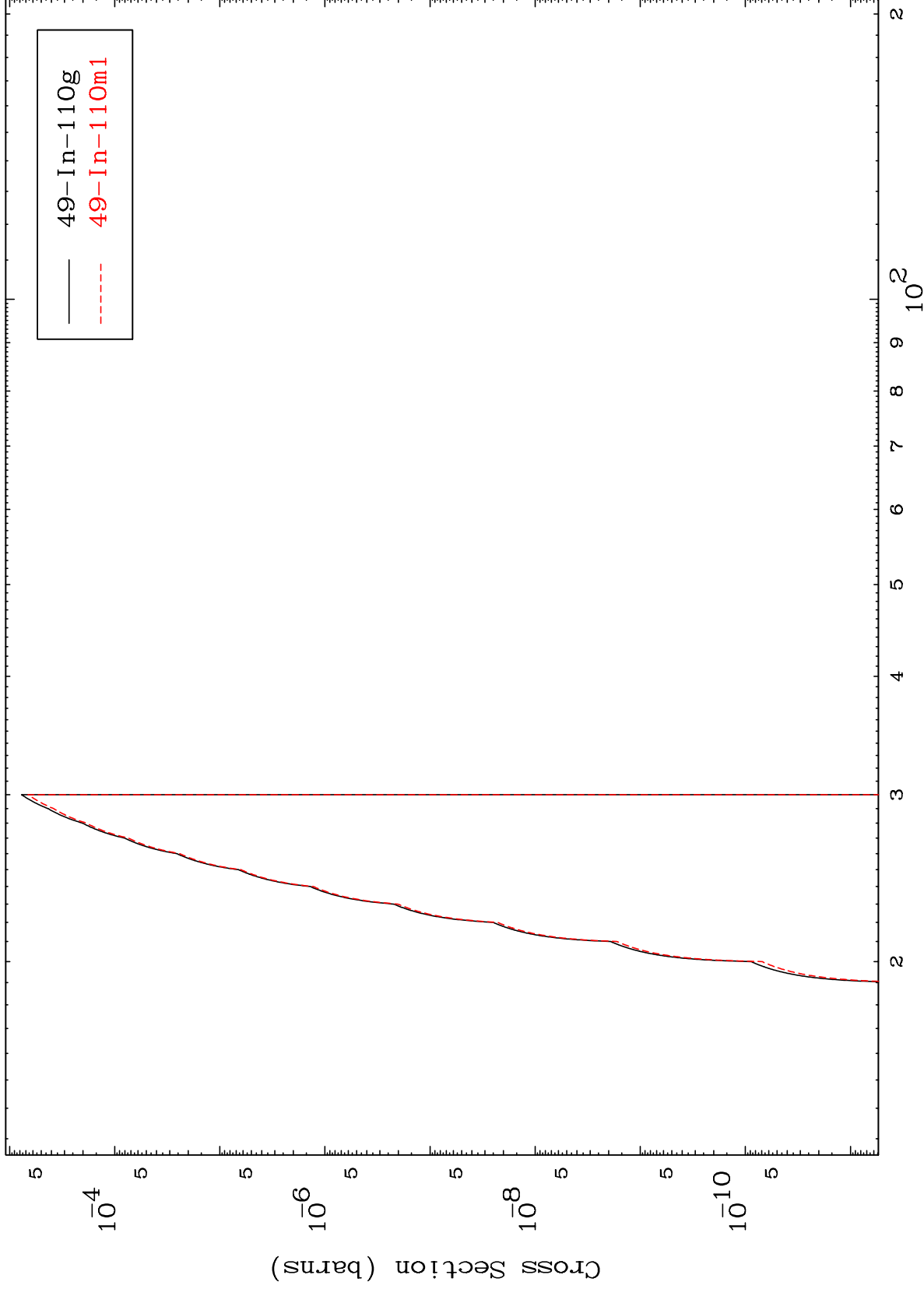
Incident Energy (MeV)

51-Sb-113

Radionuclide Production Cross Section



Radionuclide Production Cross Section

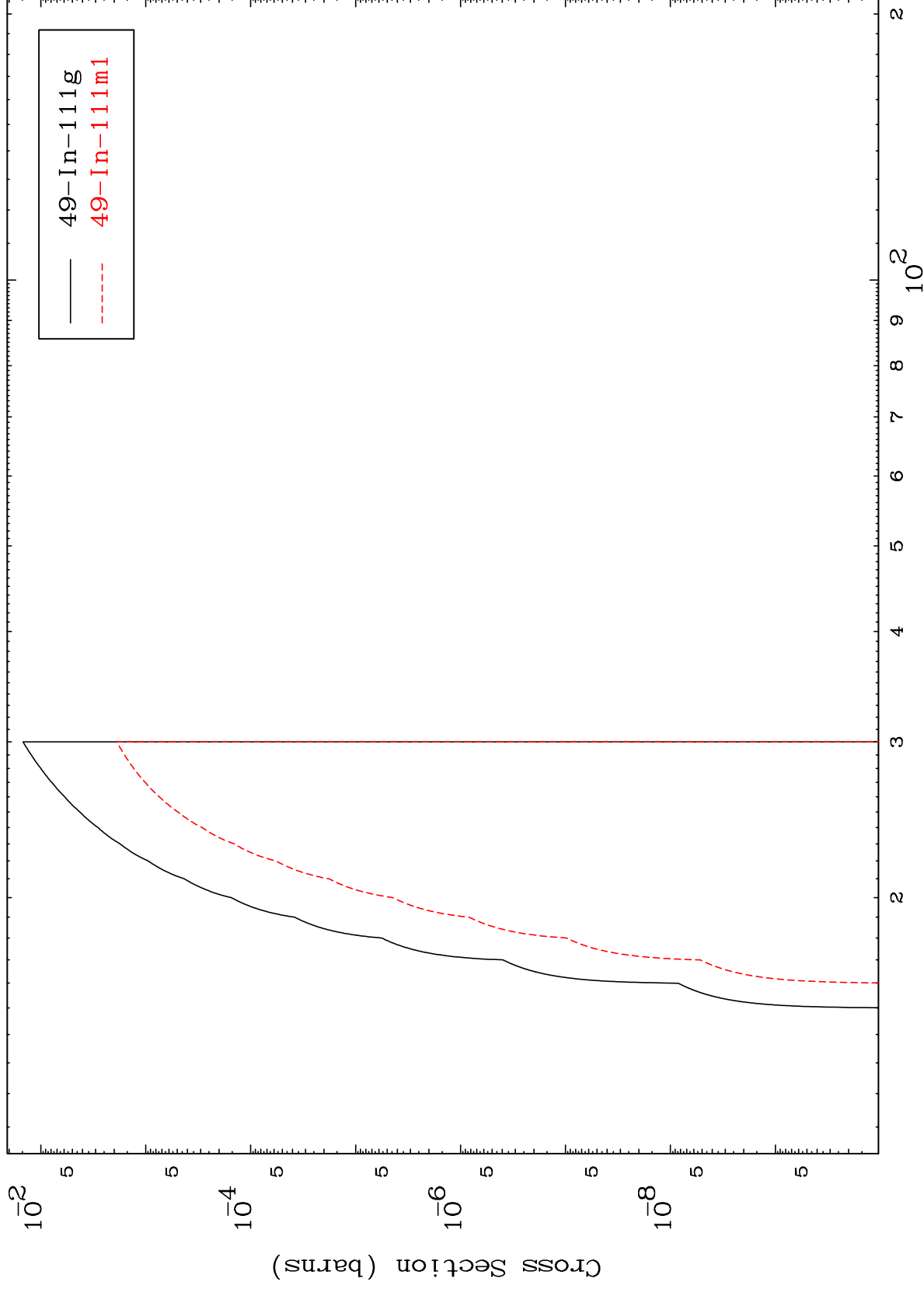


MAT 5101

(n,2n) p

51-Sb-113

Radionuclide Production Cross Section



88

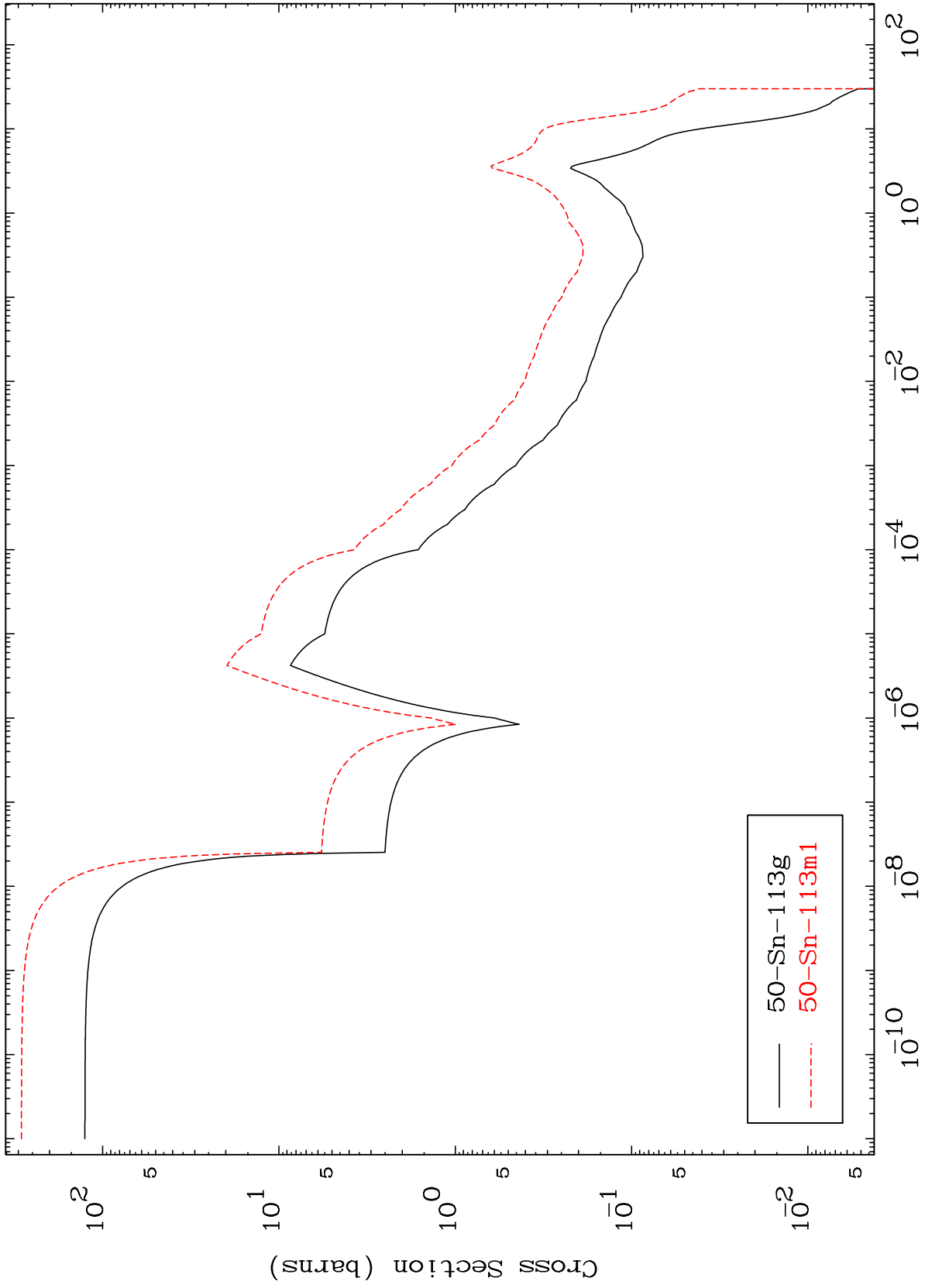
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,p)
Radionuclide Production Cross Section



89

51-Sb-113

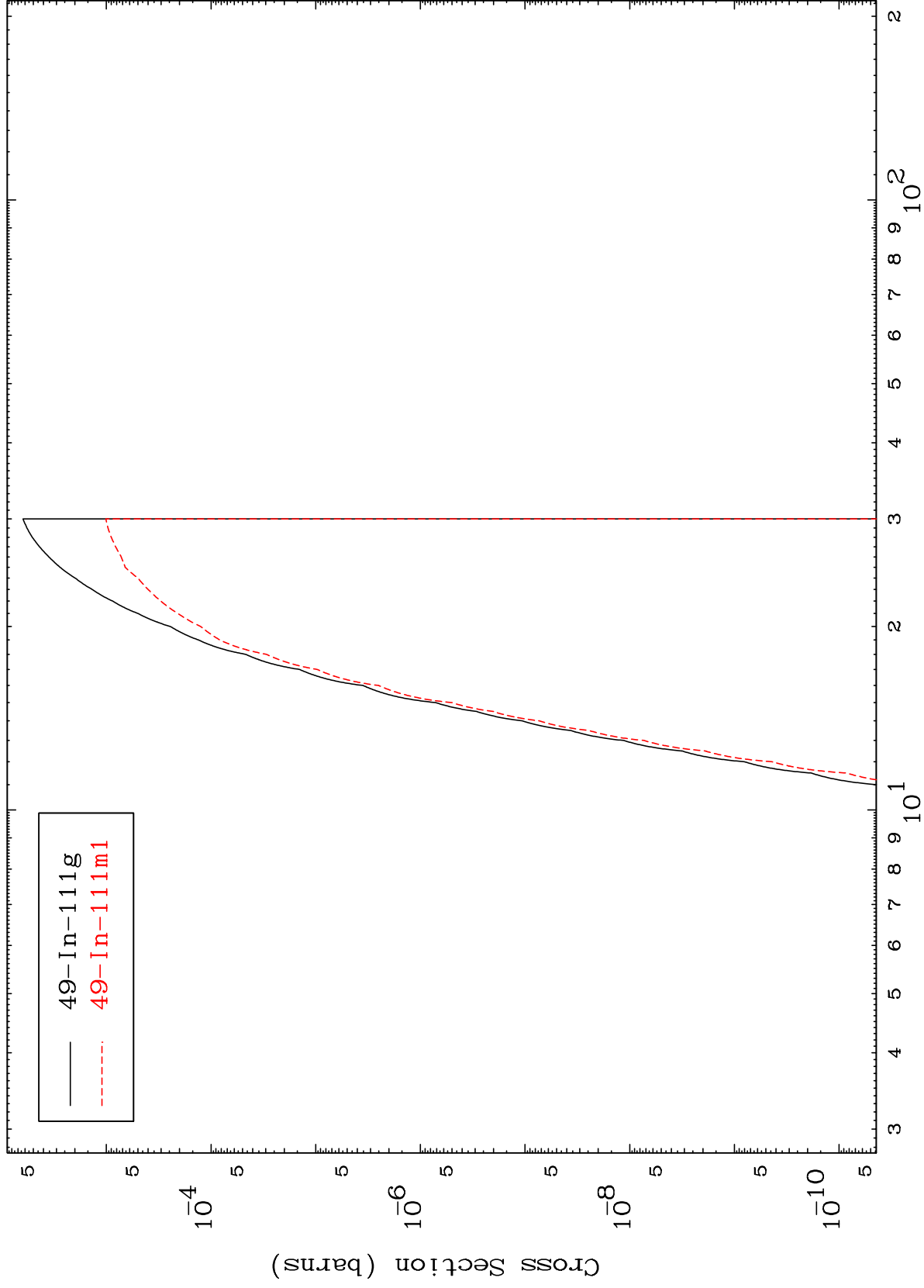
Incident Energy (MeV)

MAT 5101

(n,He-3)

51-Sb-113

Radionuclide Production Cross Section



90

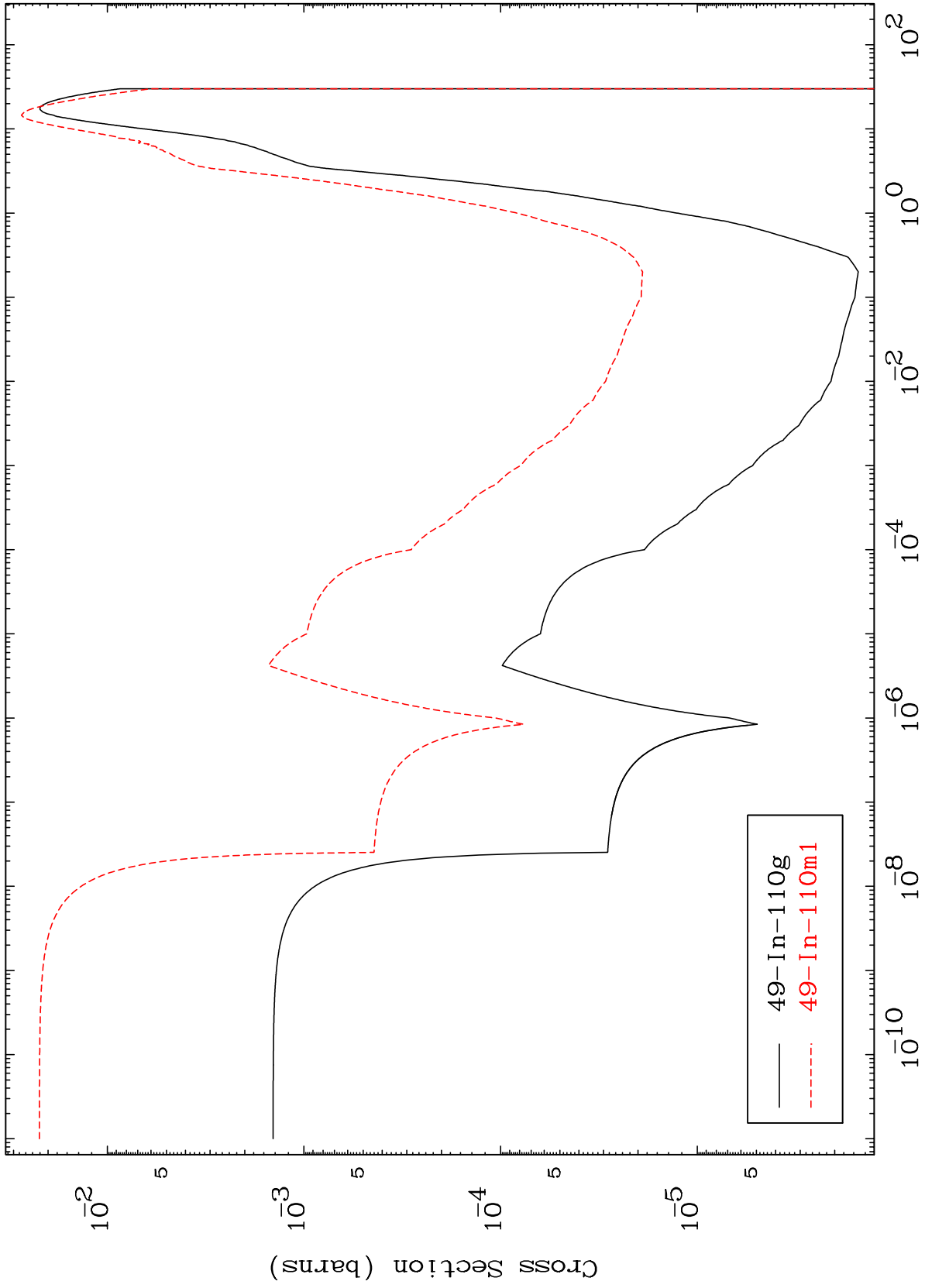
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

Radionuclide Production Cross Section
(n, α)



91

51-Sb-113

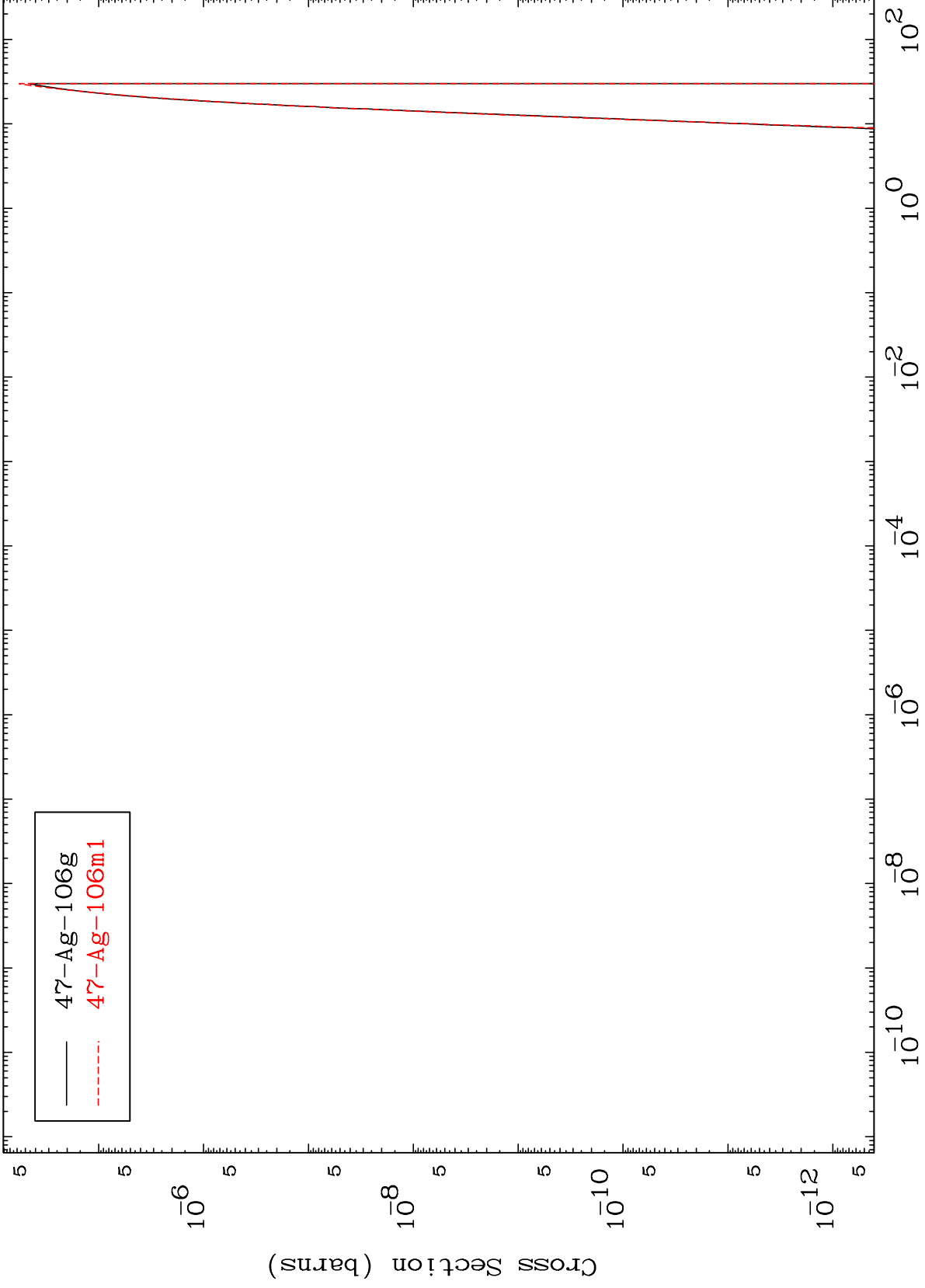
Incident Energy (MeV)

MAT 5101

(n,2α)

51-Sb-113

Radionuclide Production Cross Section



92

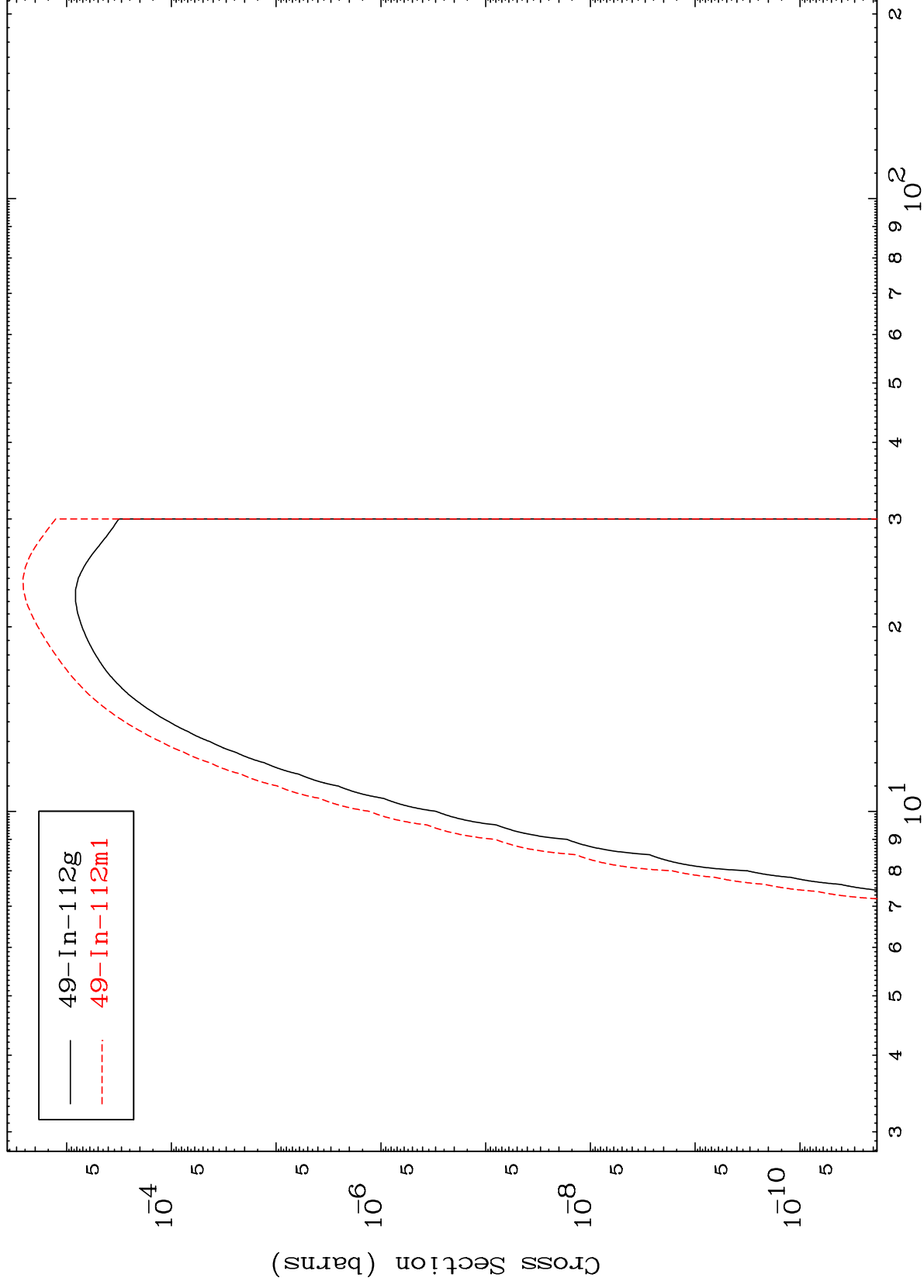
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,2p)
Radionuclide Production Cross Section



93

Incident Energy (MeV)

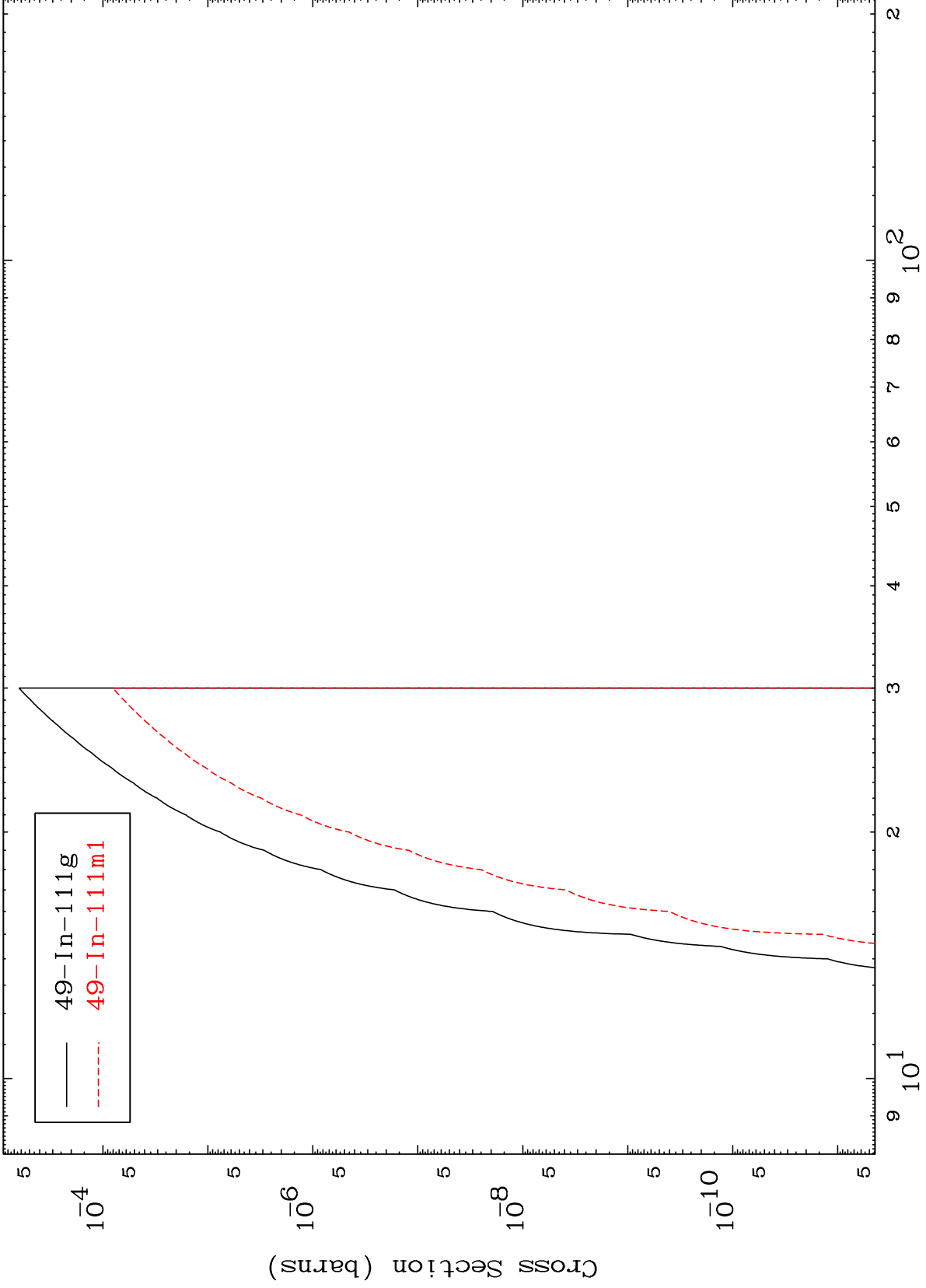
51-Sb-113

MAT 5101

(n,p) d

51-Sb-113

Radionuclide Production Cross Section



94

Incident Energy (MeV)

51-Sb-113

Radionuclide Production Cross Section

