

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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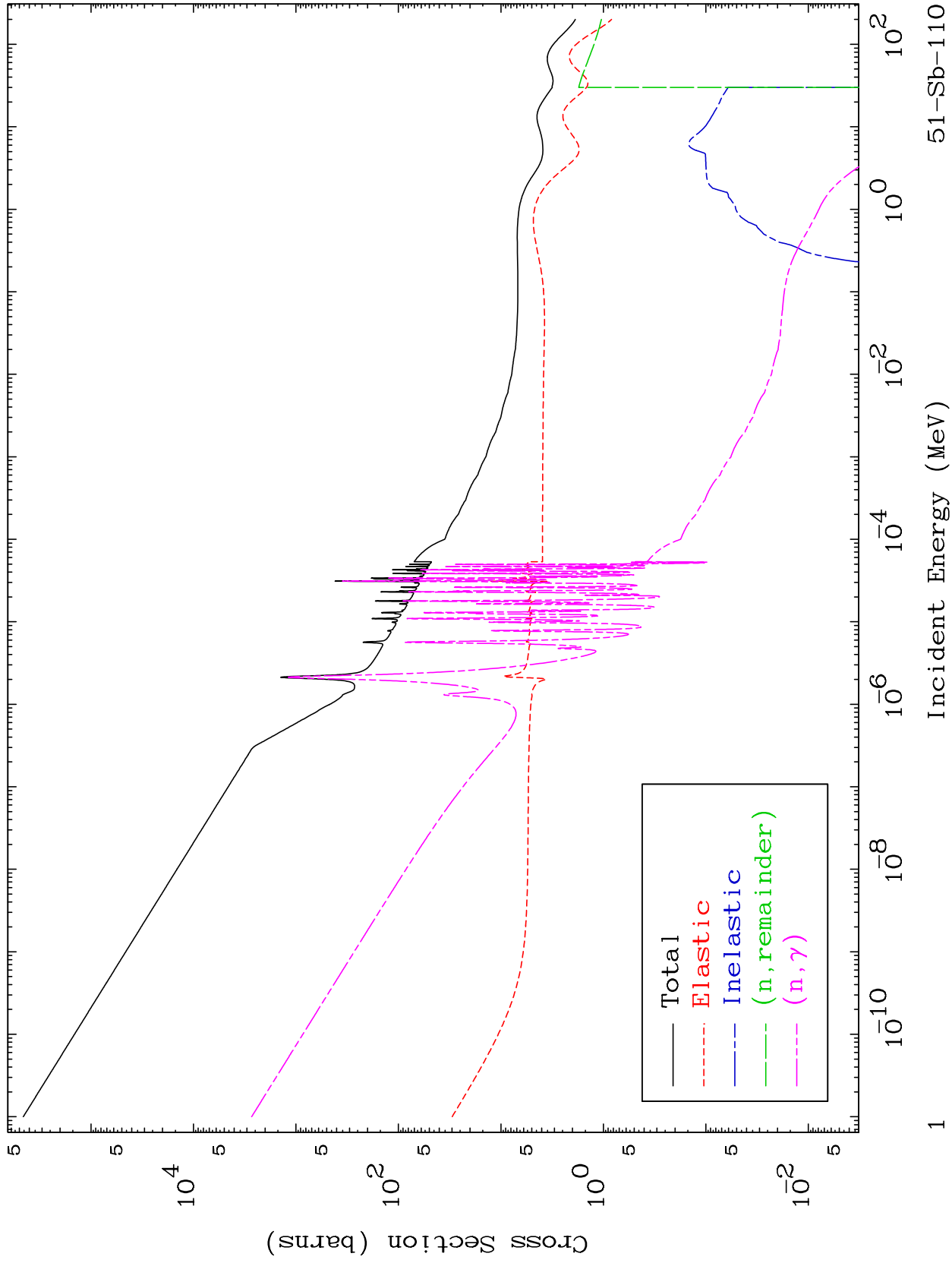
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5092

Major
293 Kelvin Cross Sections

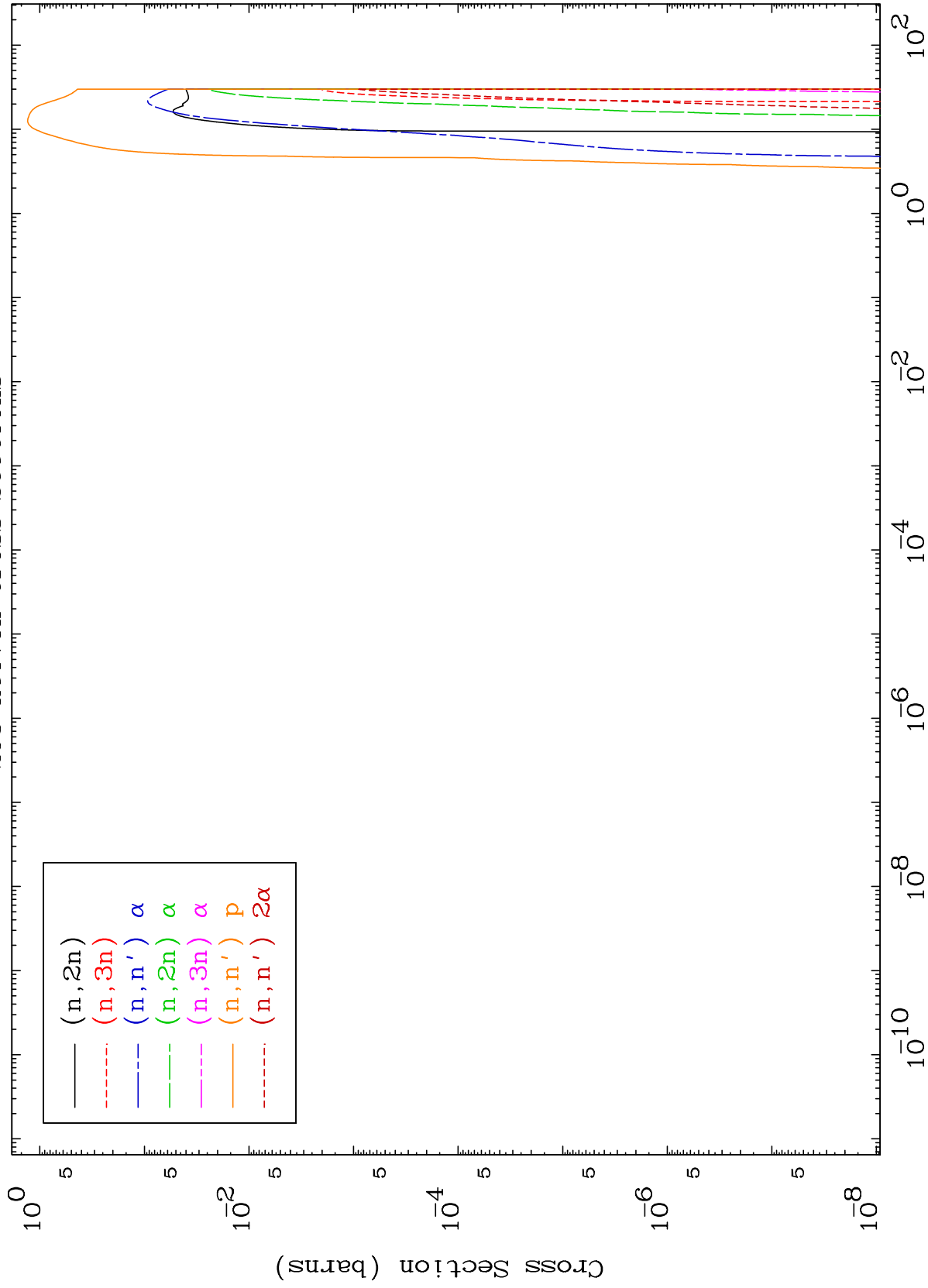
51-Sb-110



MAT 5092

Neutron Production
293 Kelvin Cross Sections

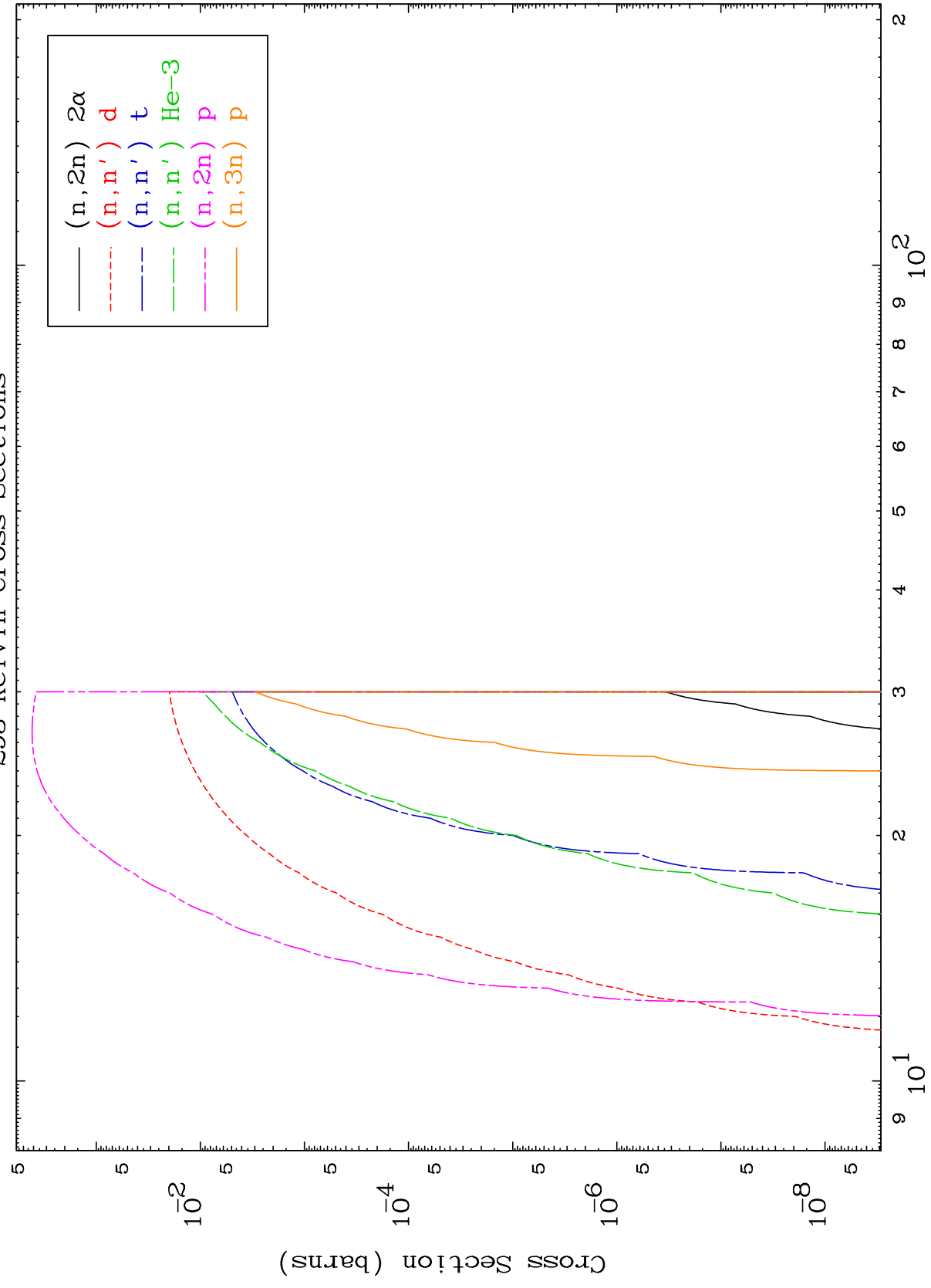
51-Sb-110



2

Incident Energy (MeV)

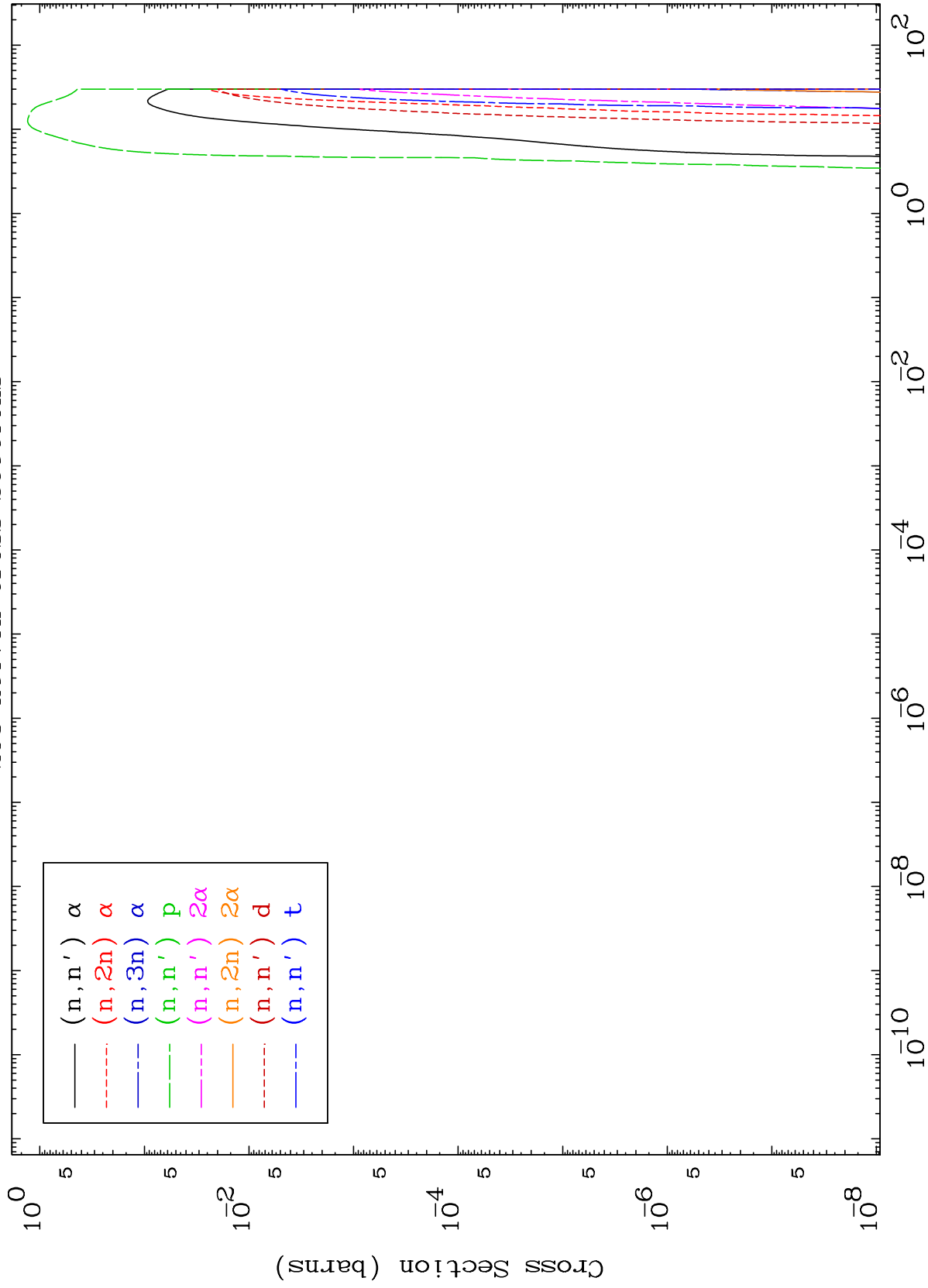
51-Sb-110

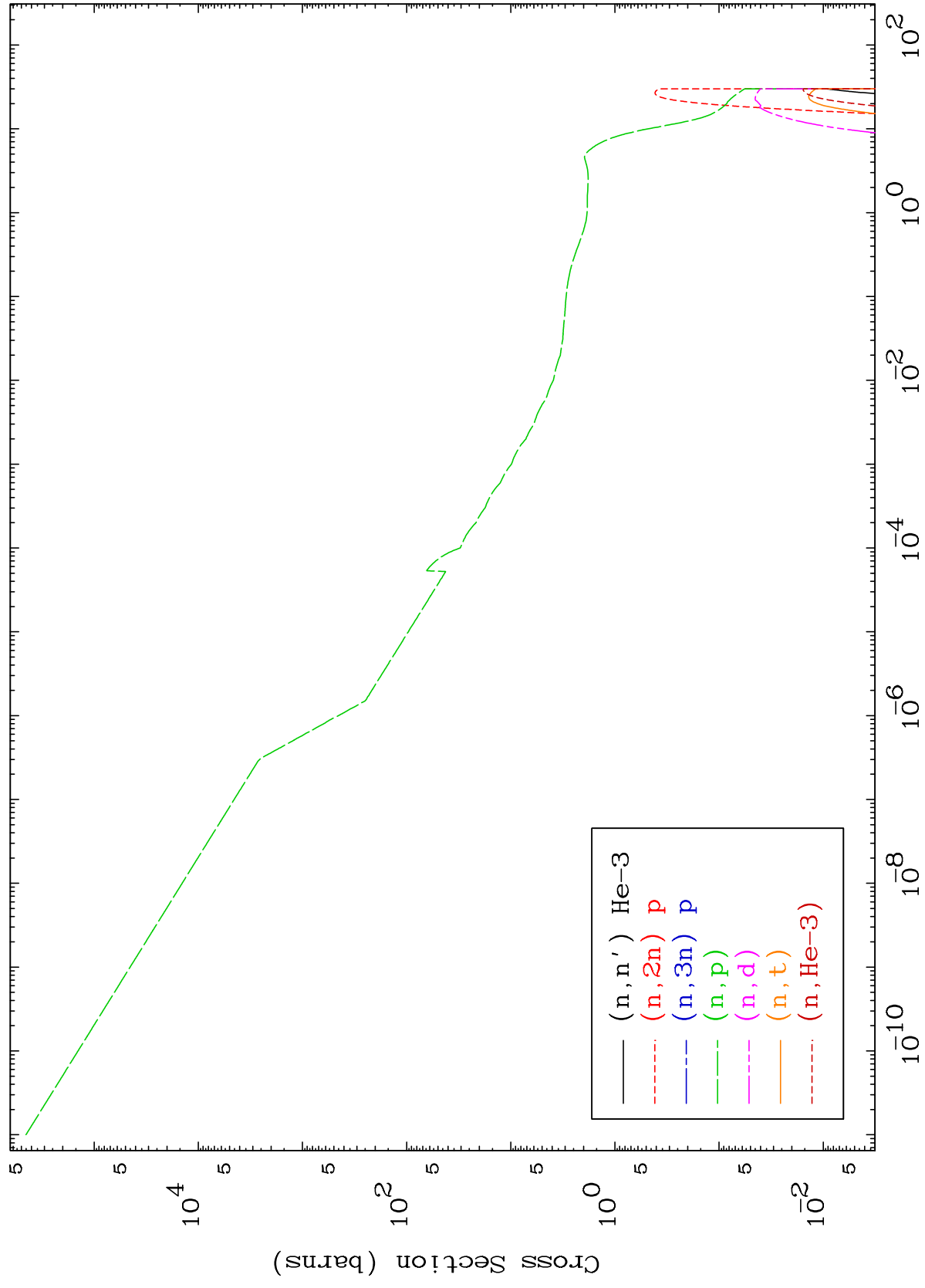


MAT 5092

293 Kelvin Cross Sections

51-Sb-110

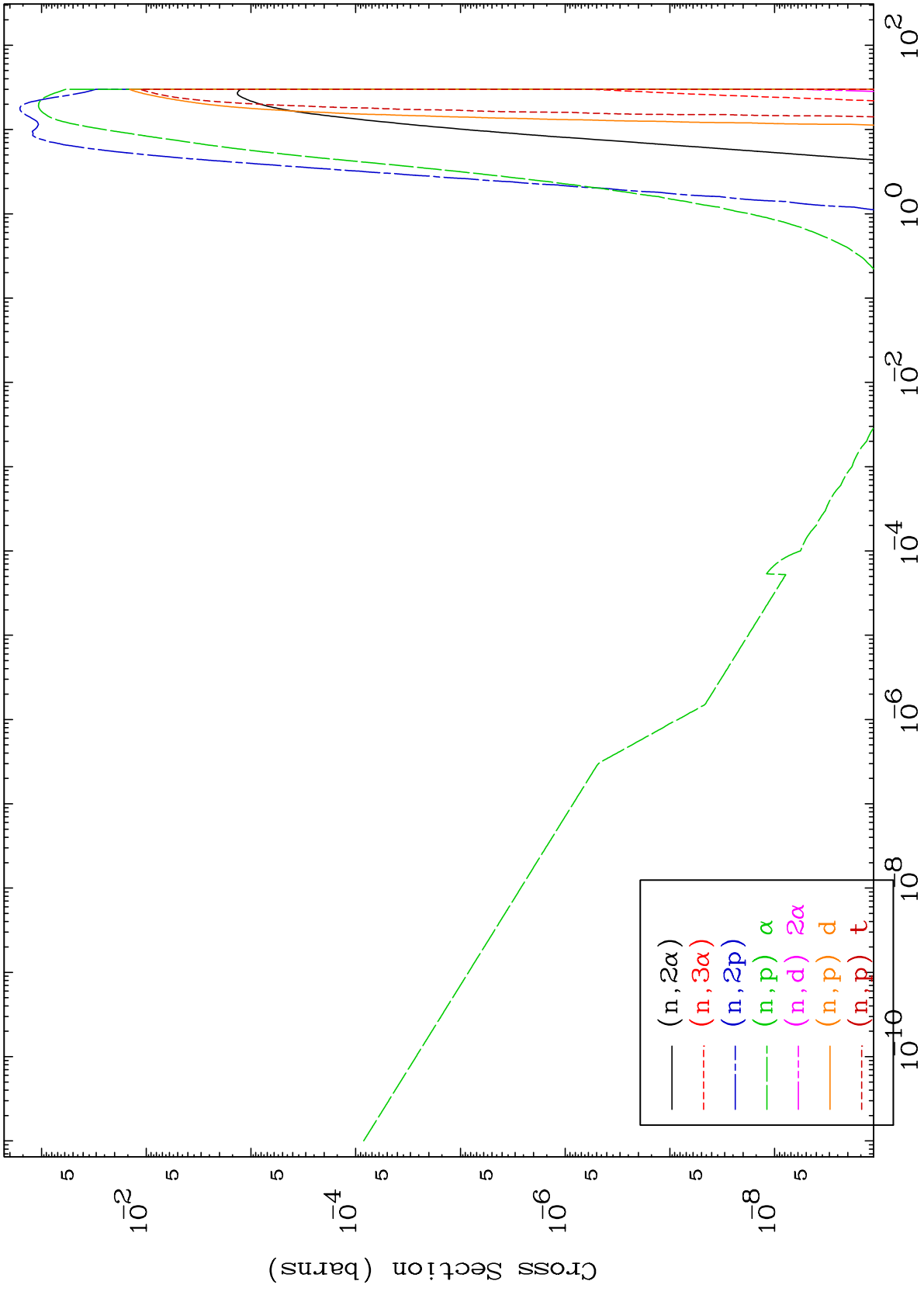


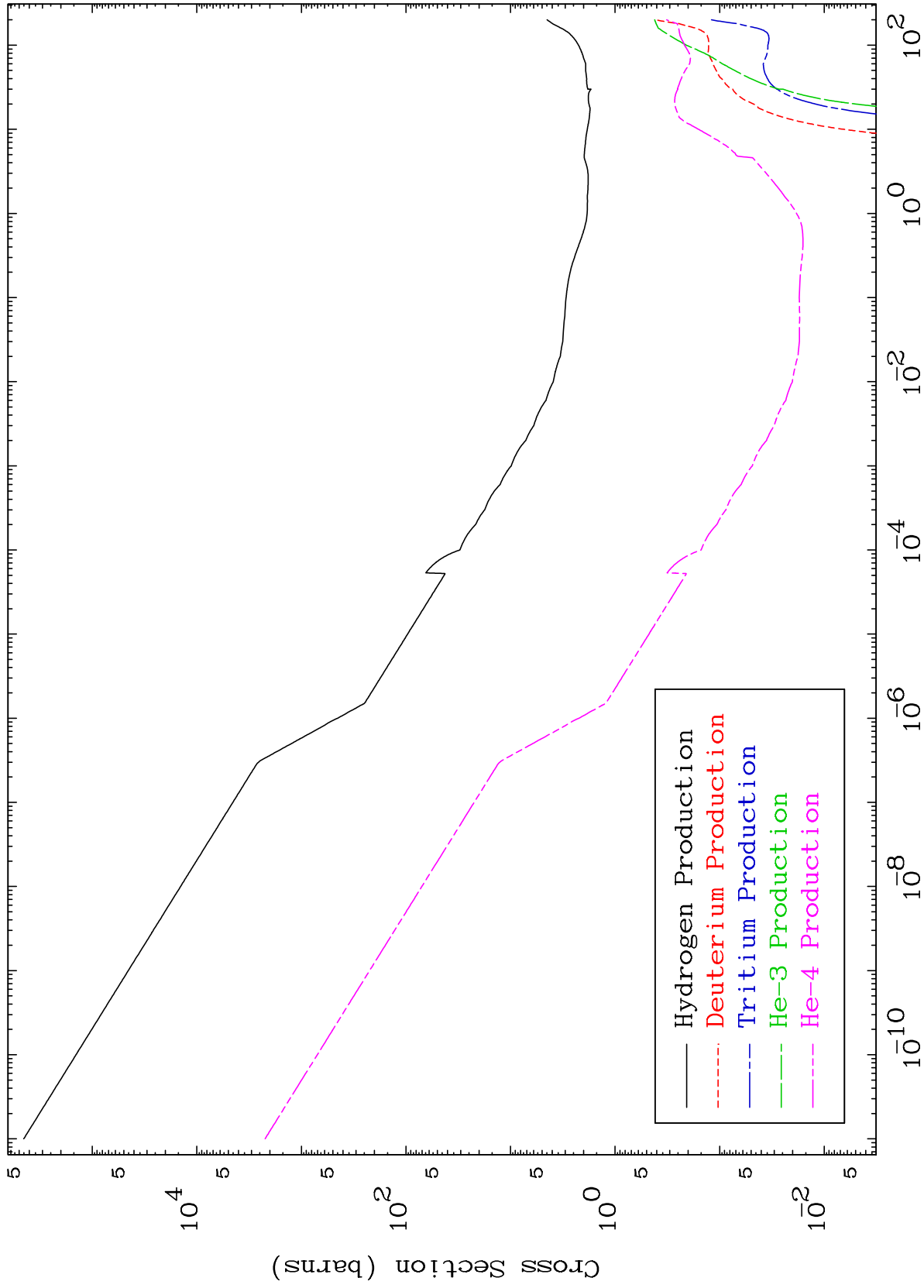


MAT 5092

293 Kelvin Cross Sections

51-Sb-110

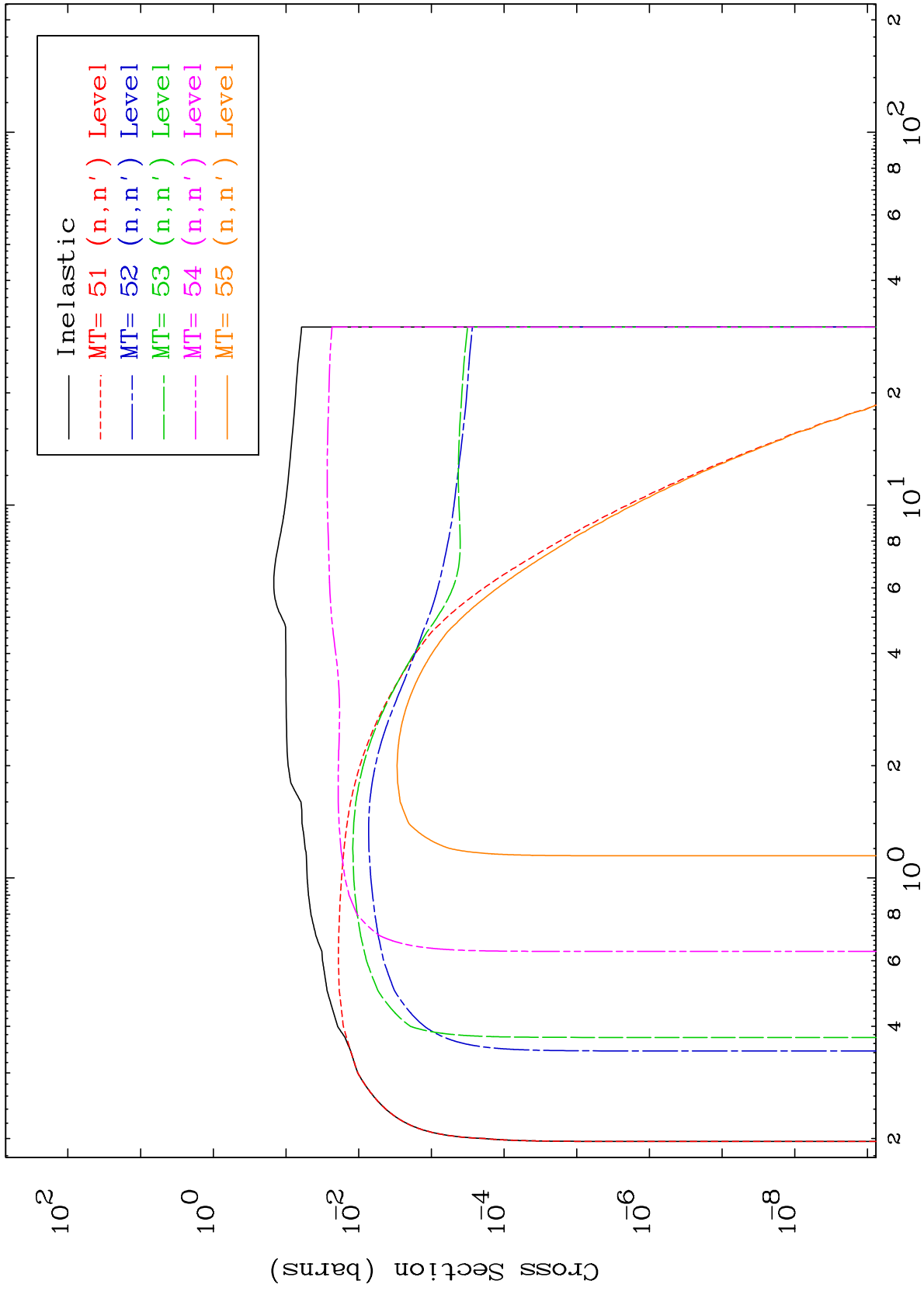




MAT 5092

(n,n') Level
293 Kelvin Cross Sections

51-Sb-110



8

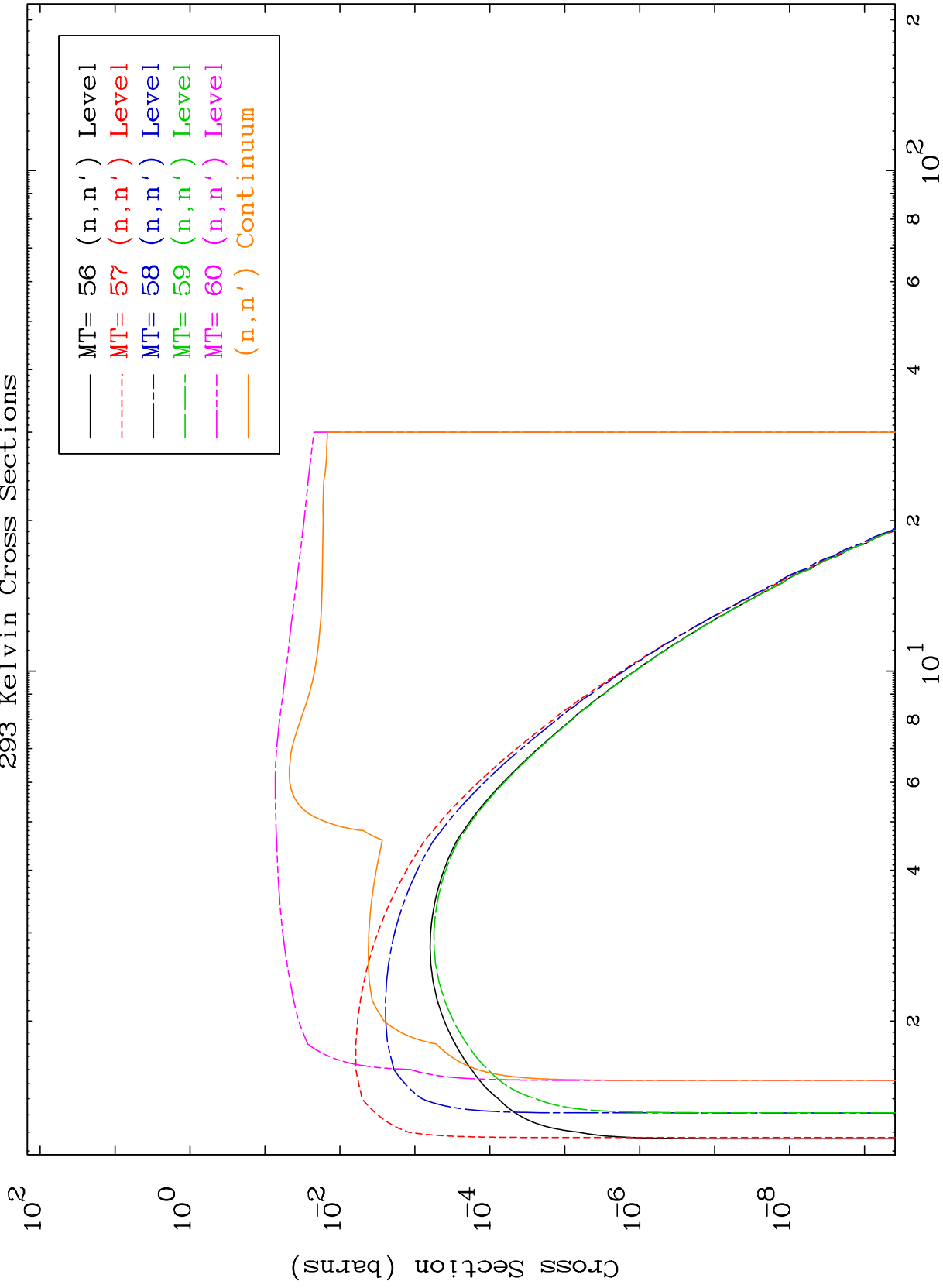
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,n') Level
293 Kelvin Cross Sections

51-Sb-110



9

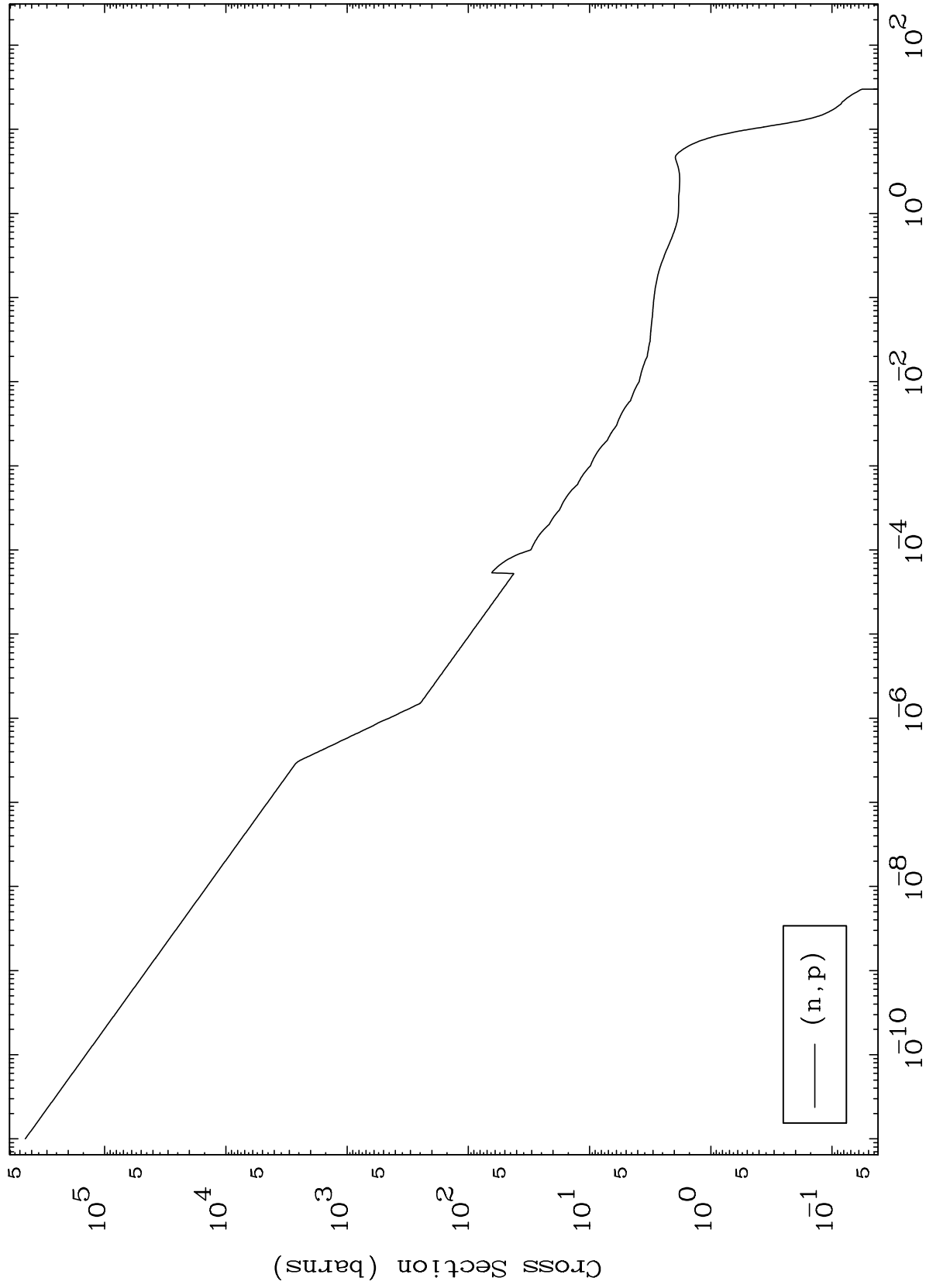
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-110



10

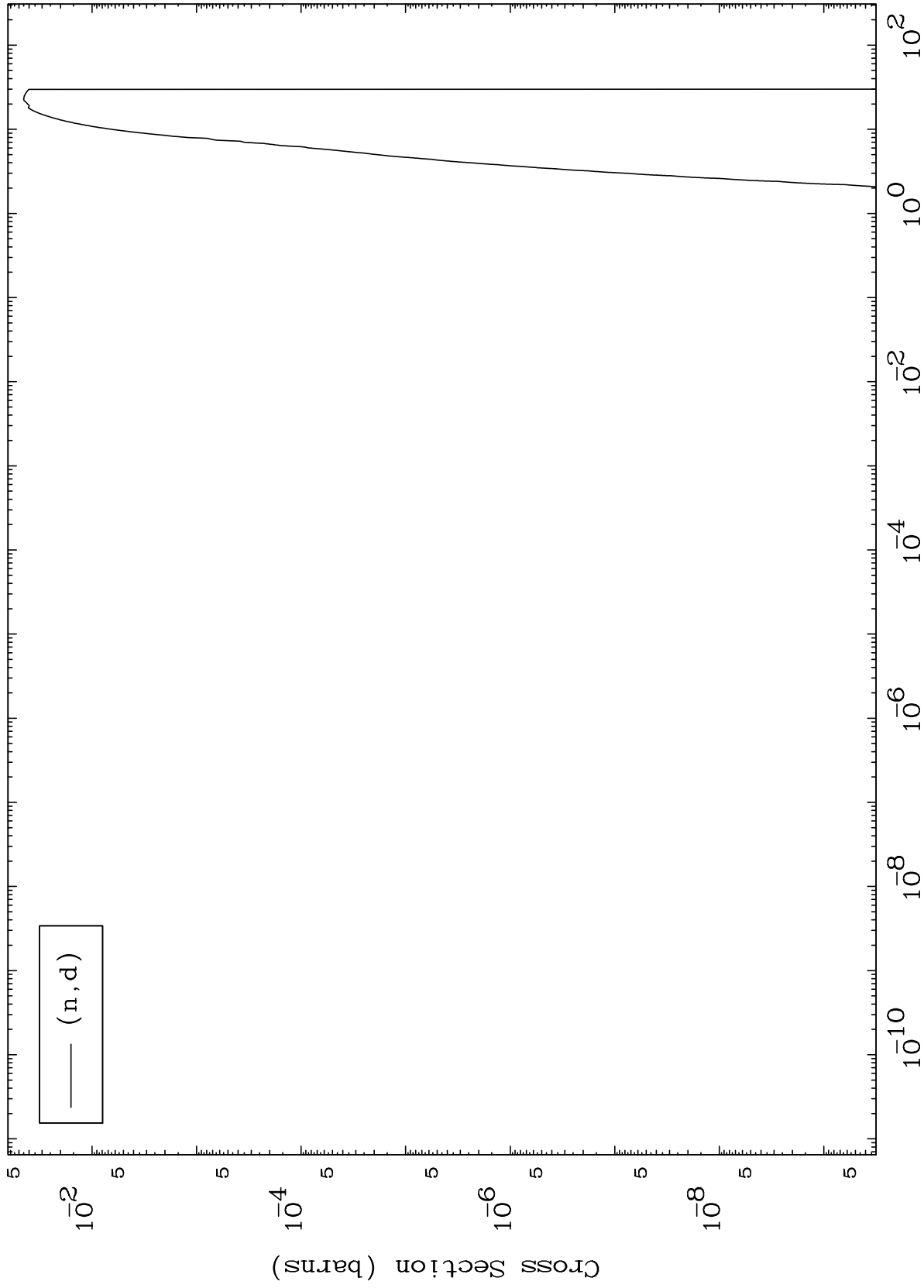
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,d) Levels
293 Kelvin Cross Sections

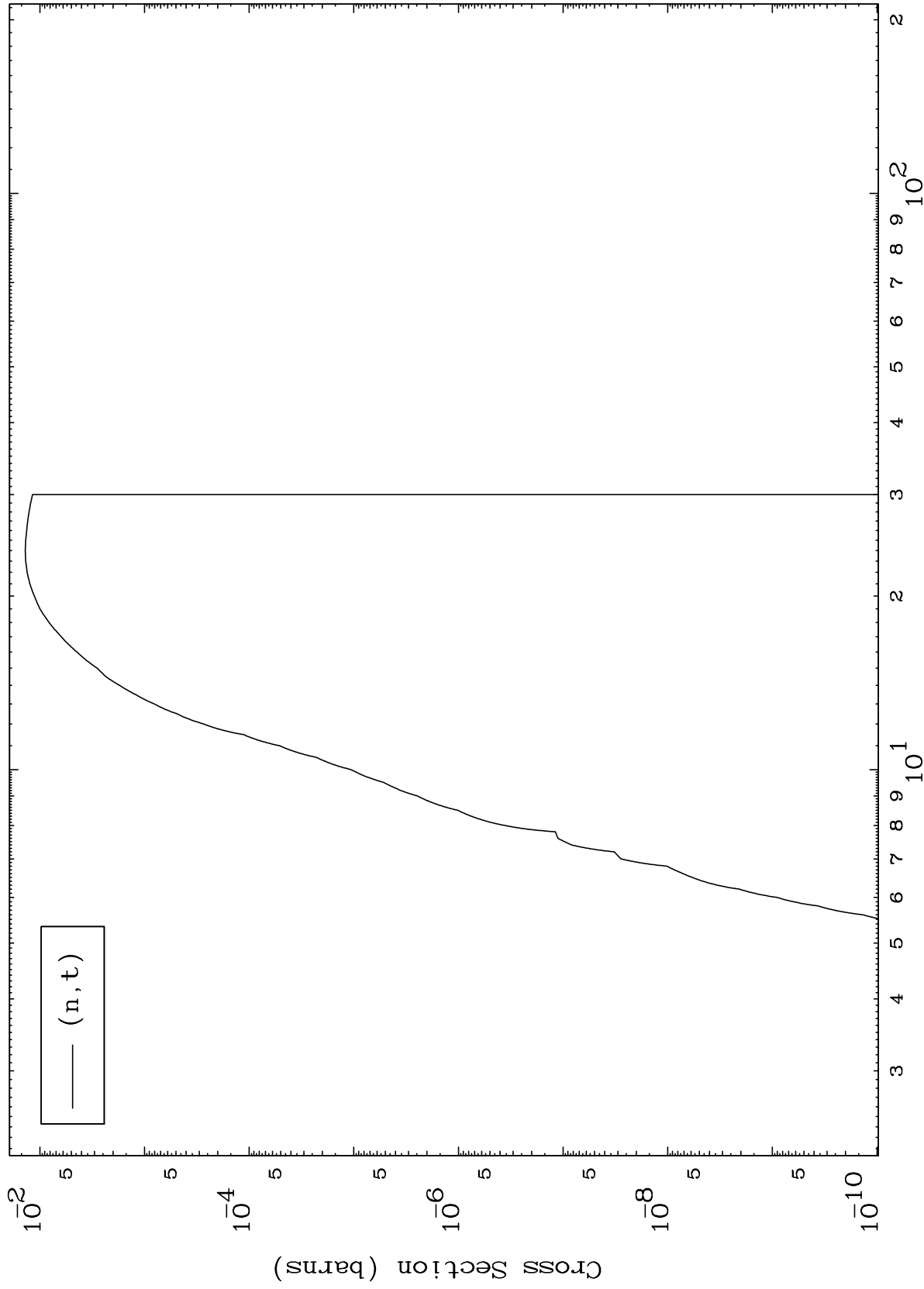
51-Sb-110



MAT 5092

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-110



12

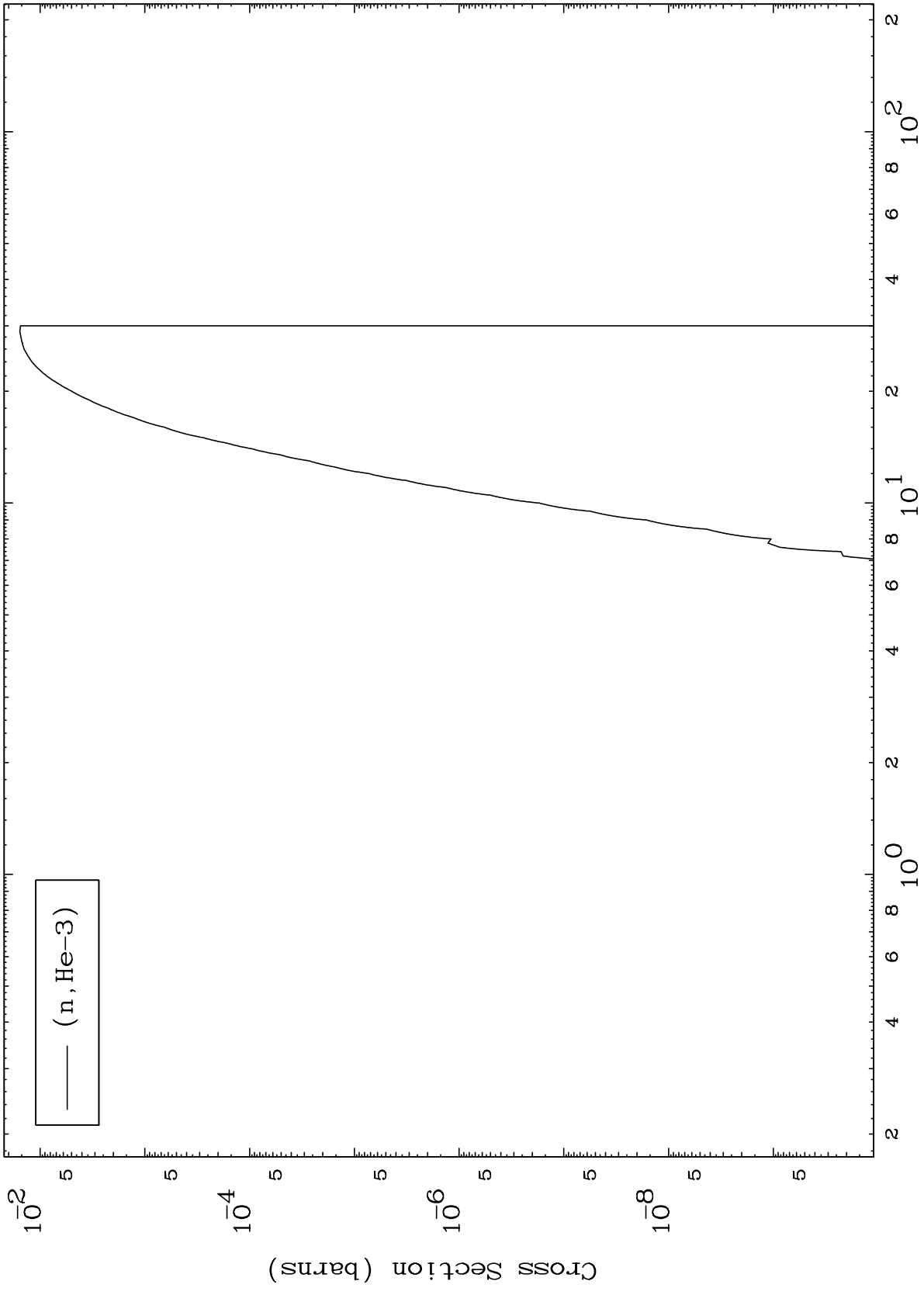
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-110



13

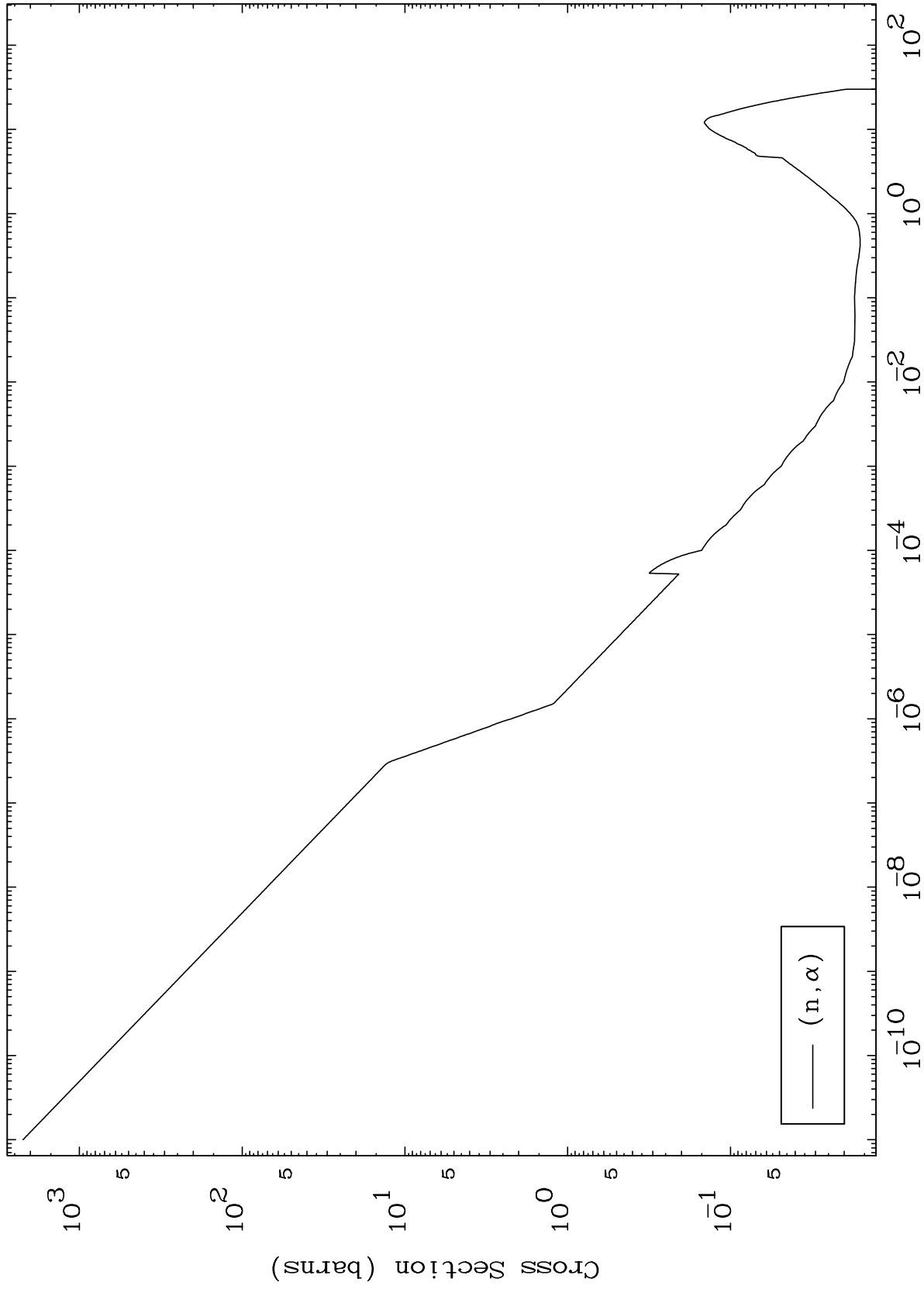
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,α) Levels
293 Kelvin Cross Sections

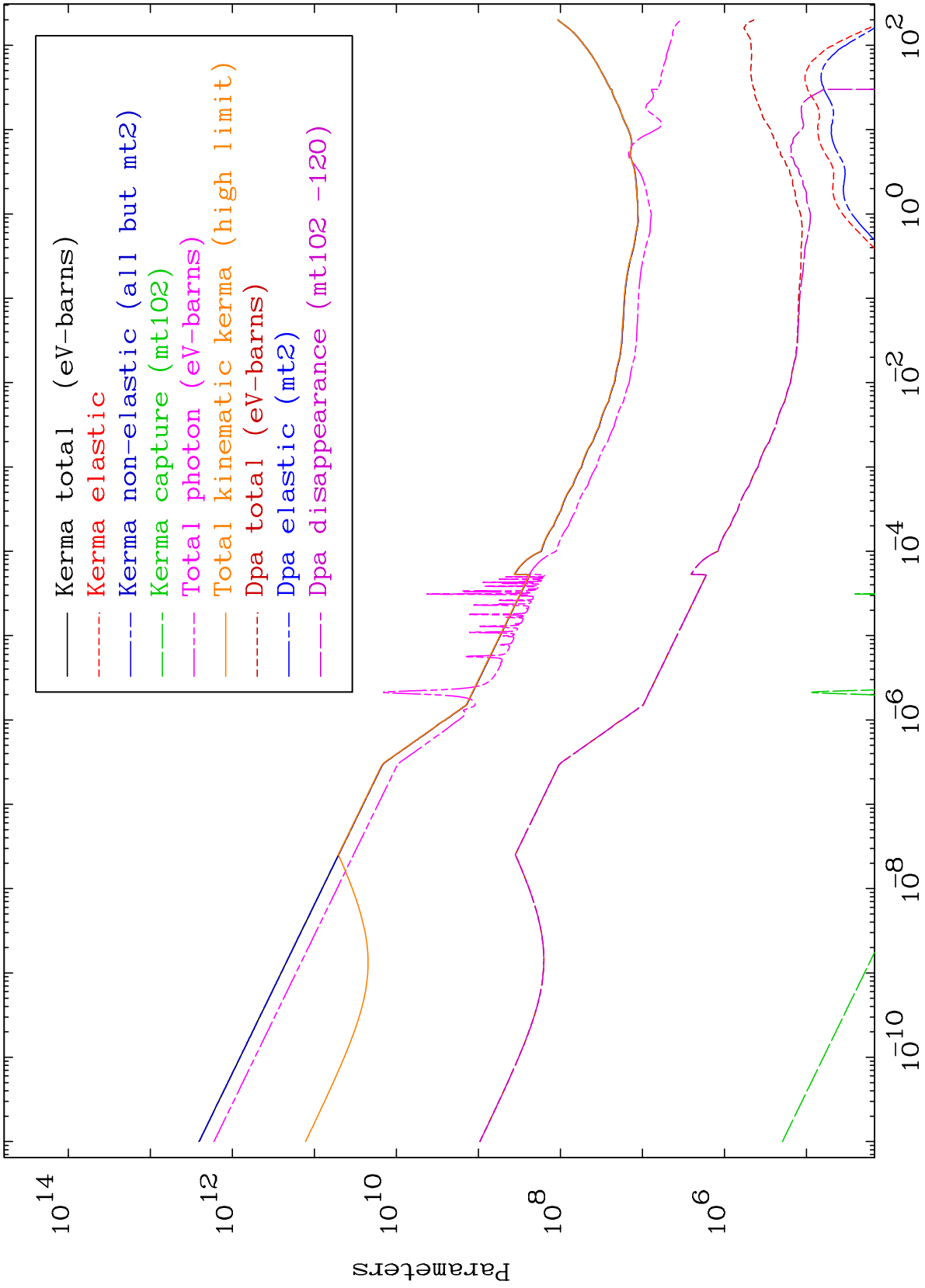
51-Sb-110



14

Incident Energy (MeV)

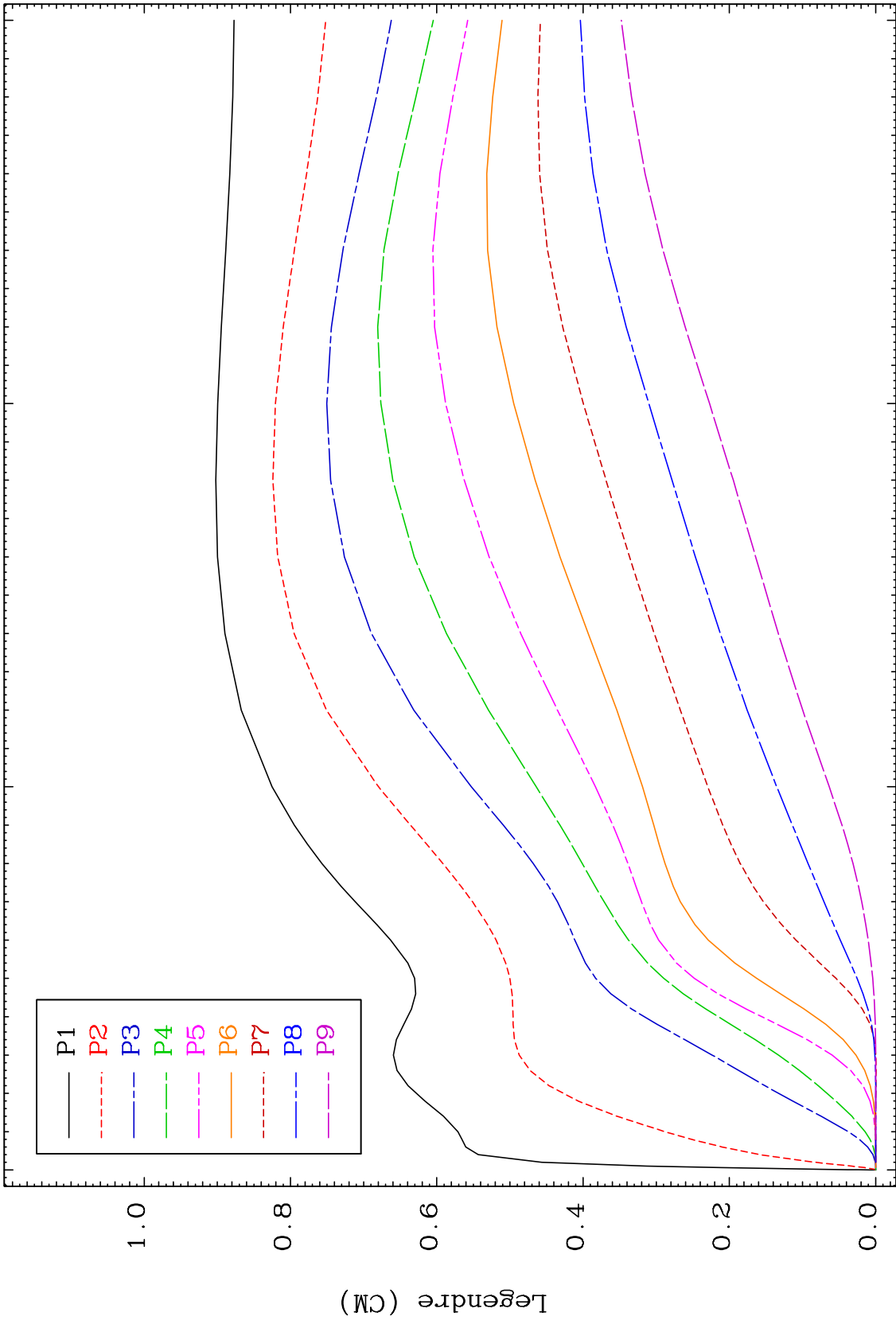
51-Sb-110



MAT 5092

Elastic Legendre Coefficients

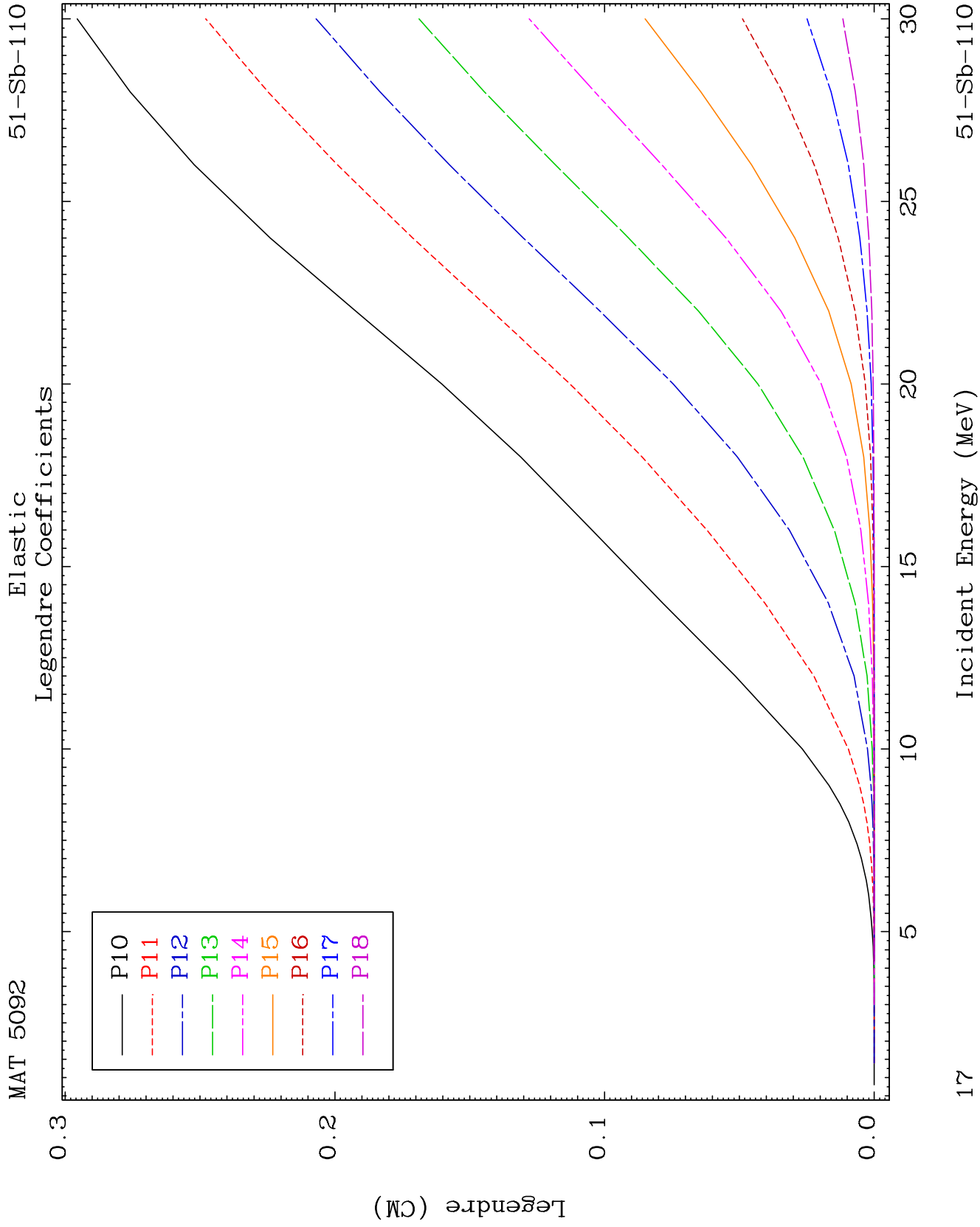
51-Sb-110



16

Incident Energy (MeV)

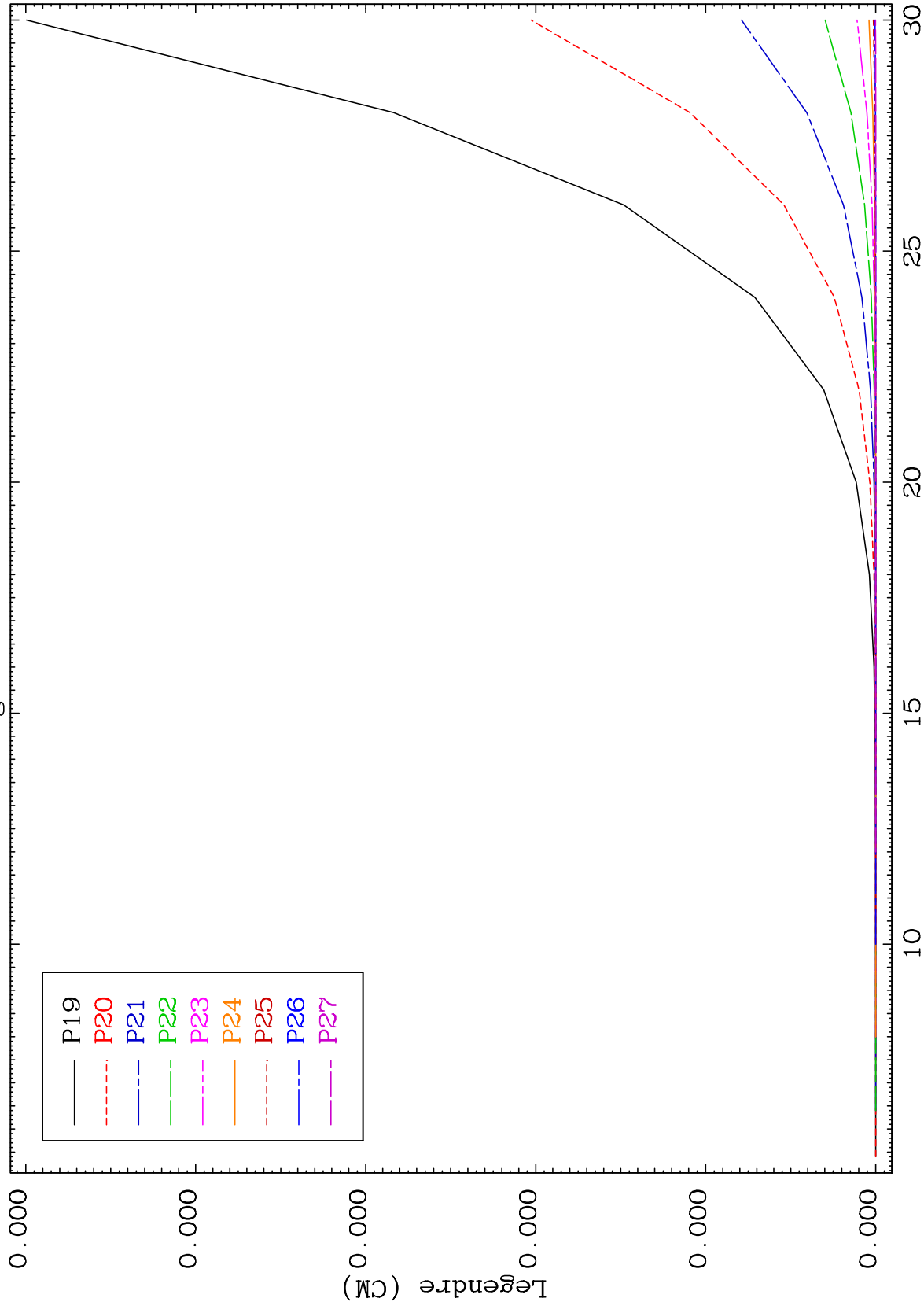
51-Sb-110



MAT 5092

Elastic
Legendre Coefficients

51-Sb-110



18

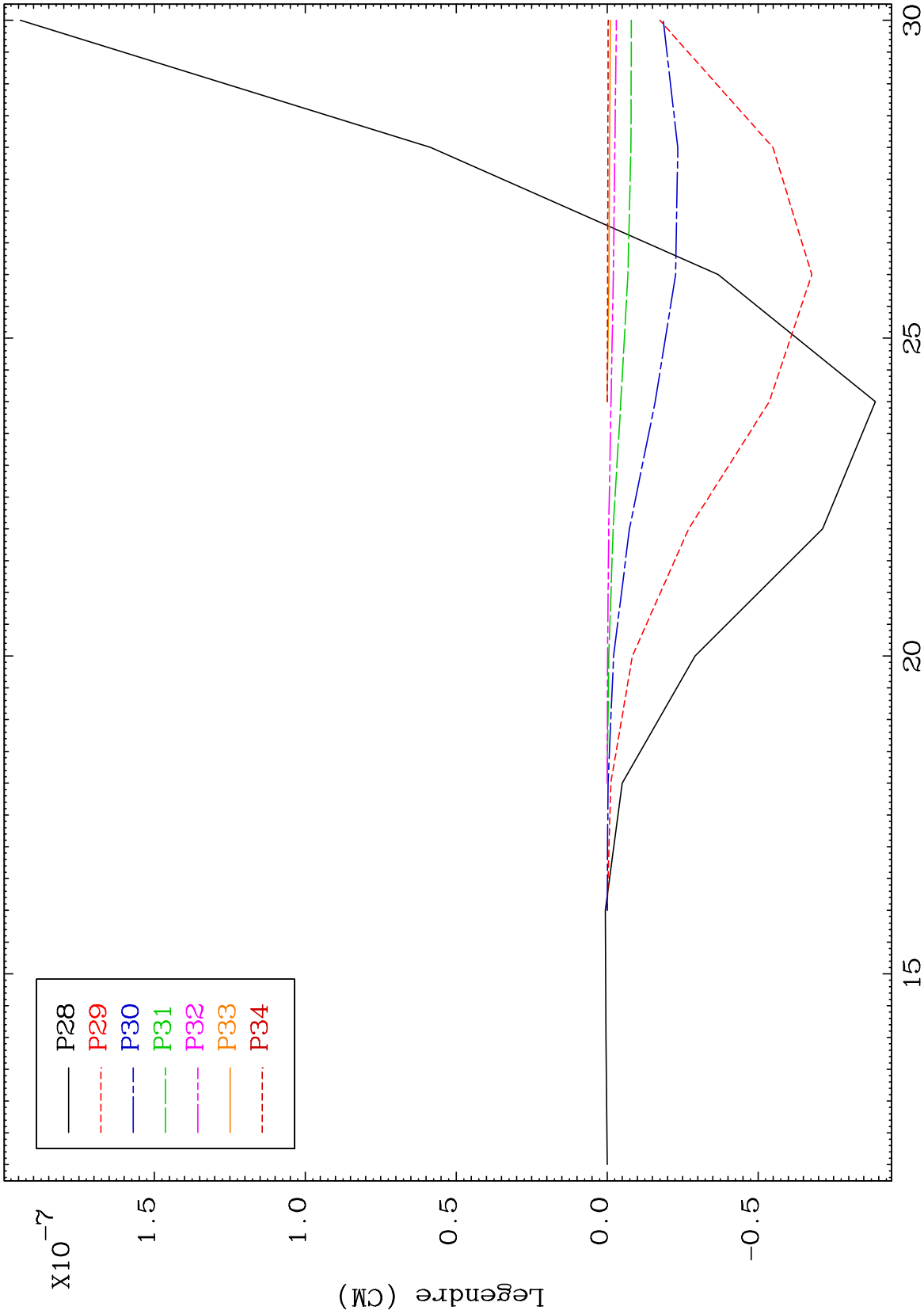
Incident Energy (MeV)

51-Sb-110

MAT 5092

Elastic Legendre Coefficients

51-Sb-110

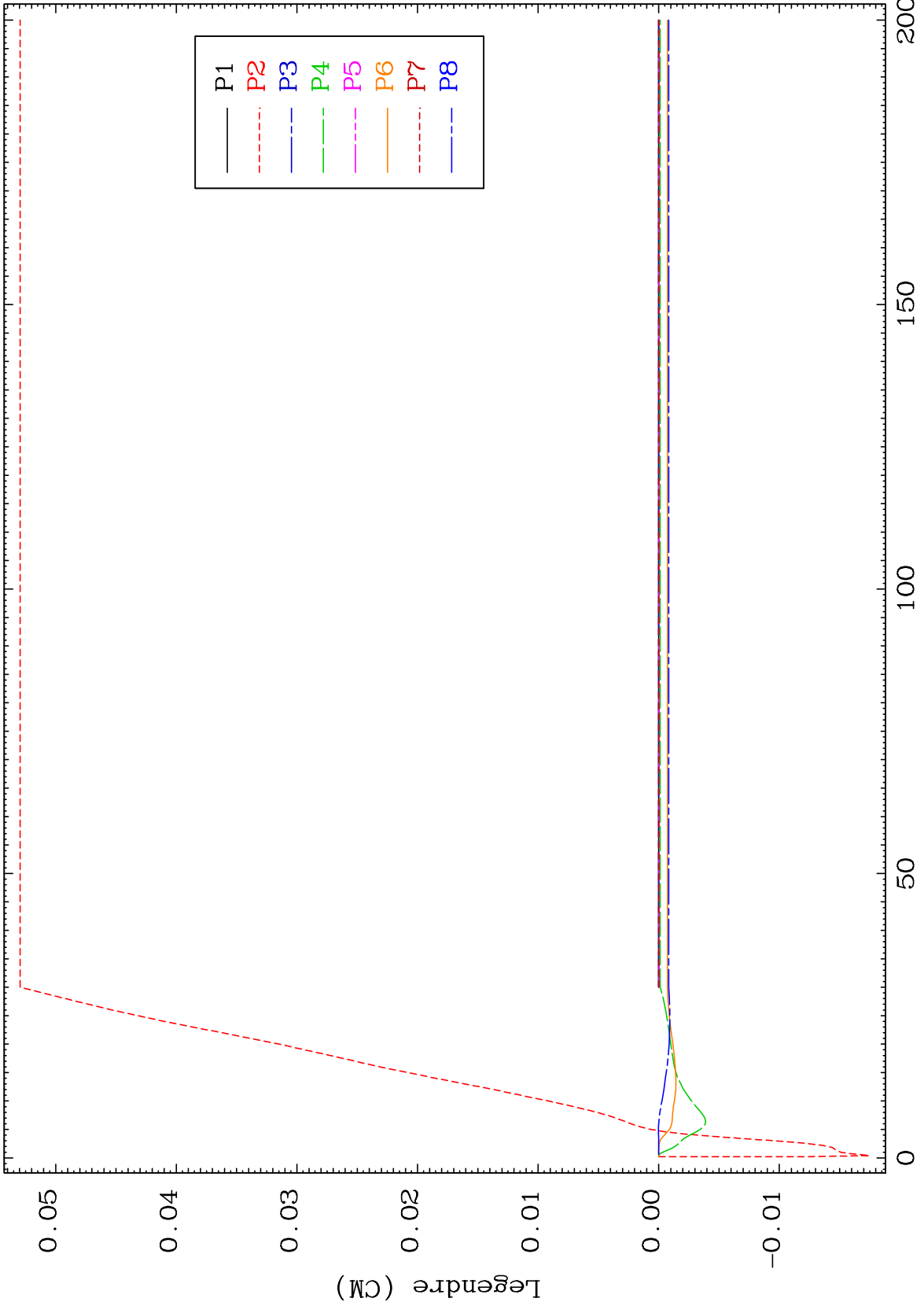


19

Incident Energy (MeV)

51-Sb-110

MAT 5092 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-110

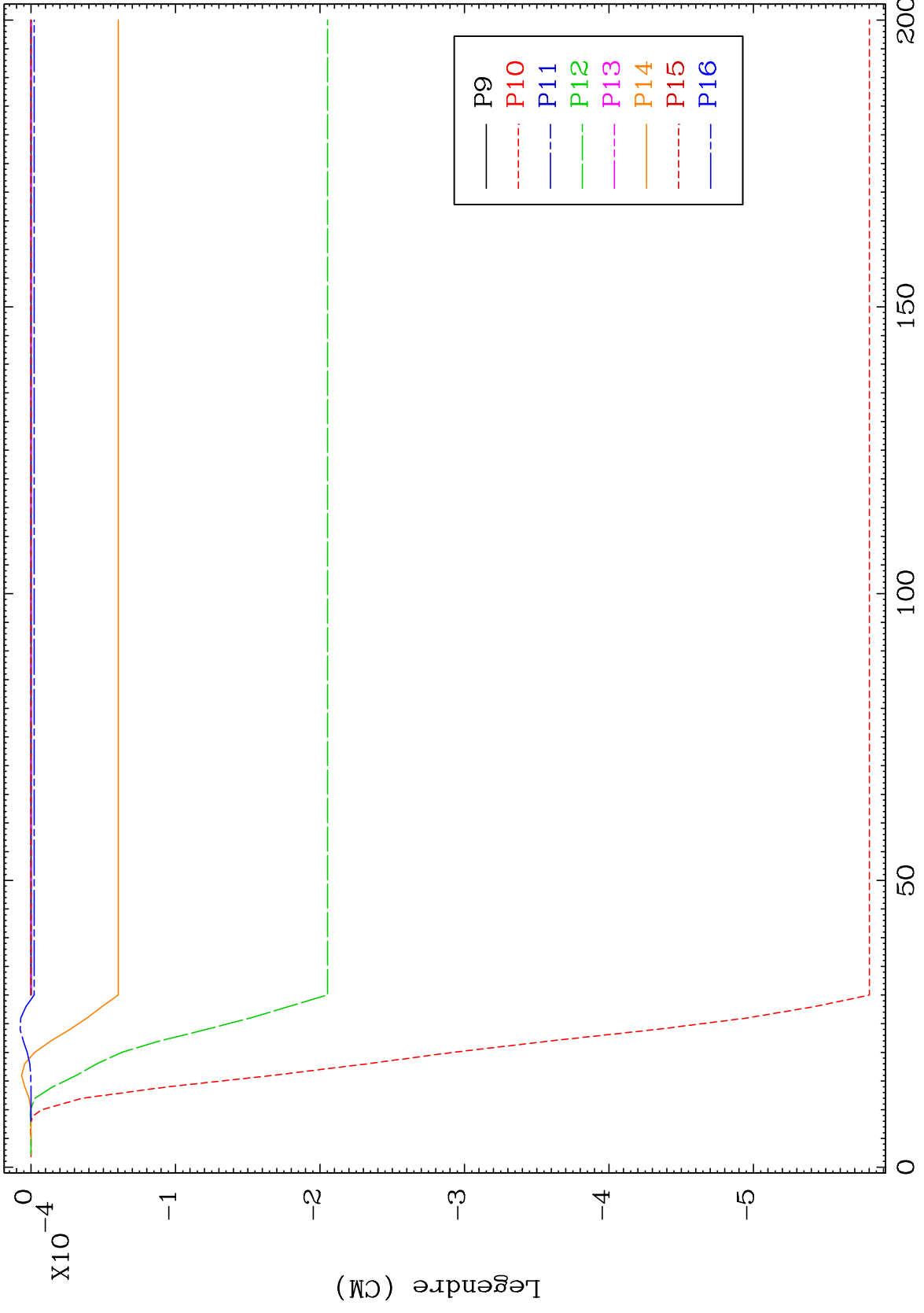


51-Sb-110

MAT 5092

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

51-Sb-110

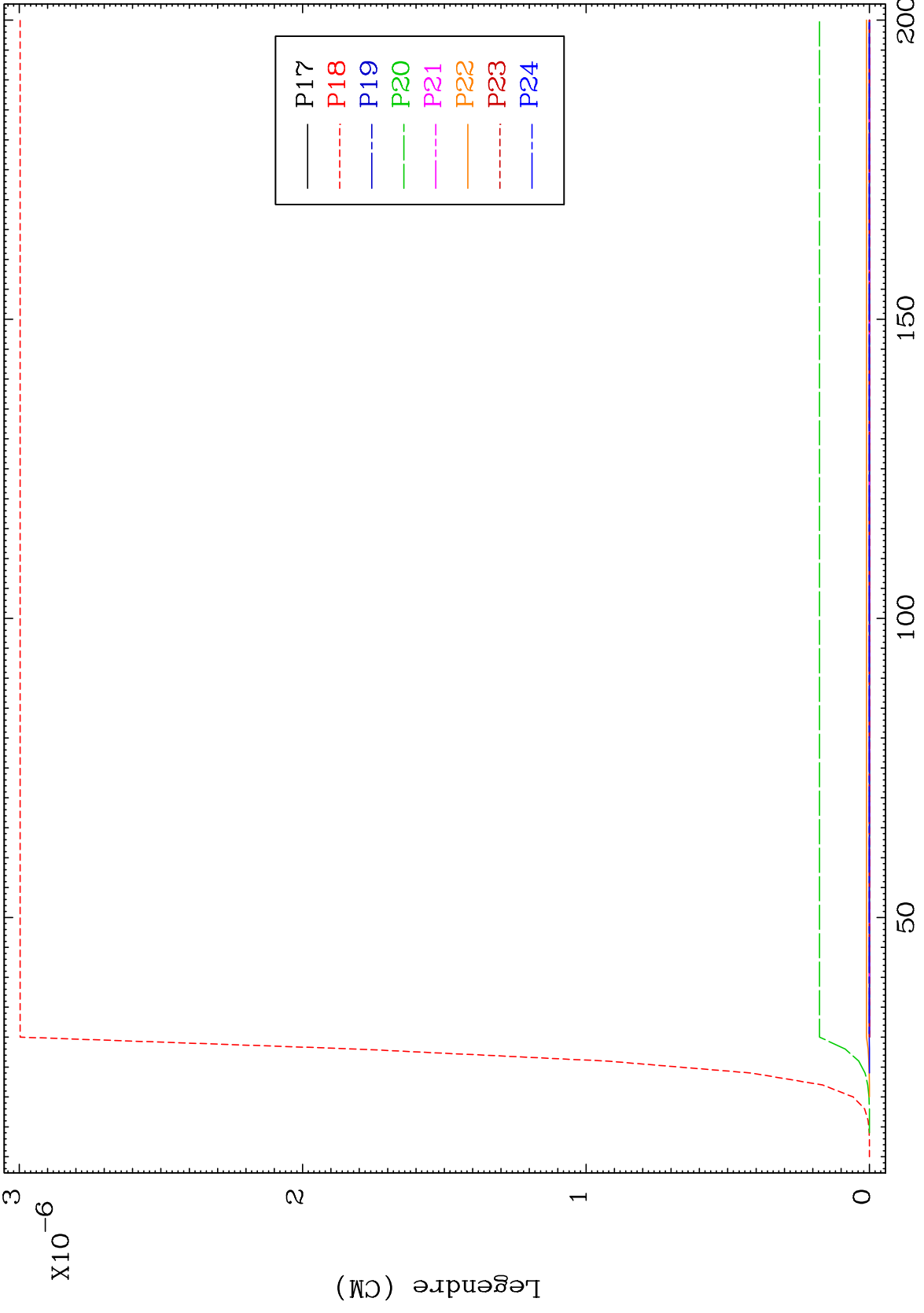


51-Sb-110

Incident Energy (MeV)

21

MAT 5092 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-110

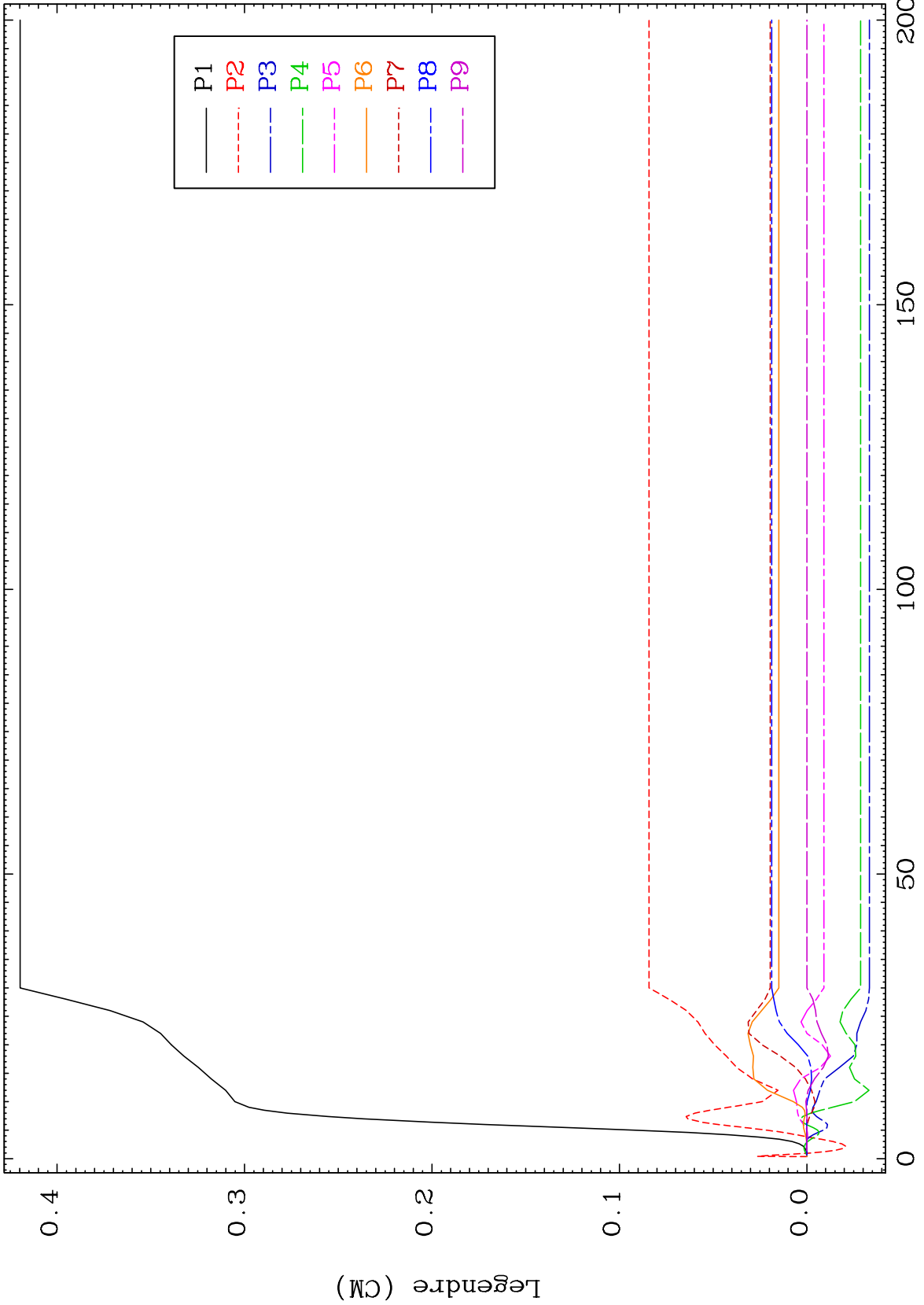


22 51-Sb-110

MAT 5092

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

51-Sb-110



23

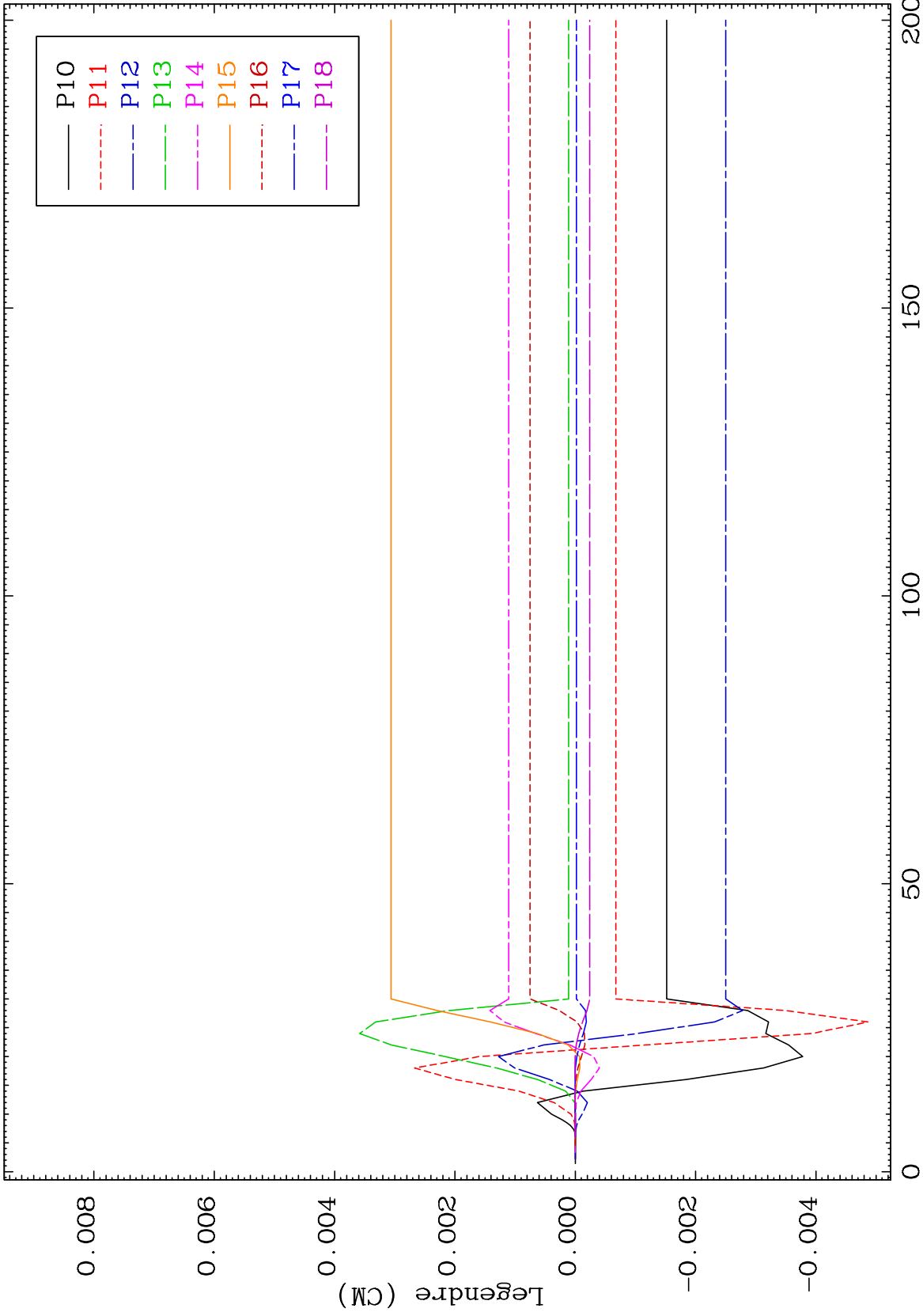
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



24

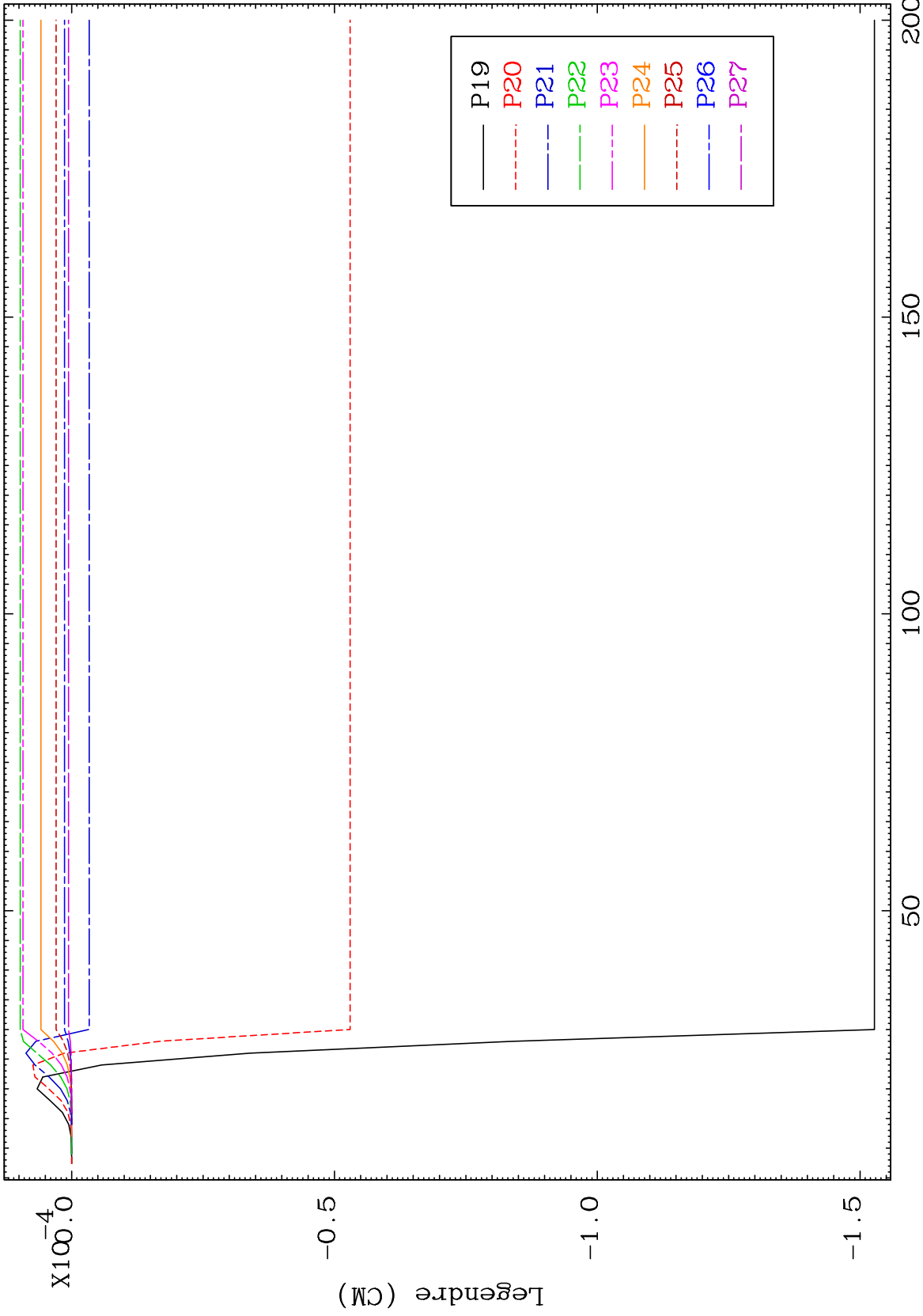
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



25

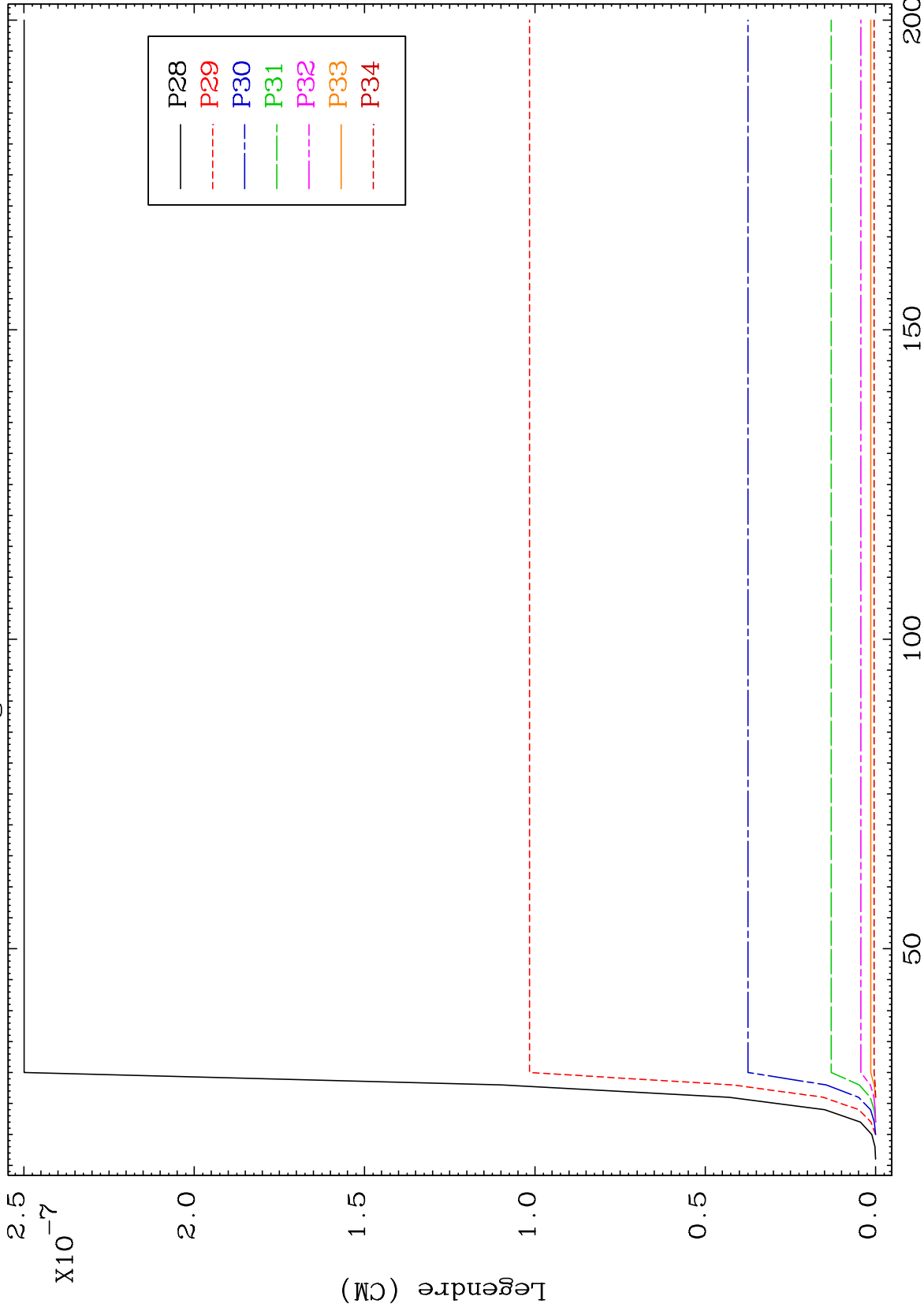
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



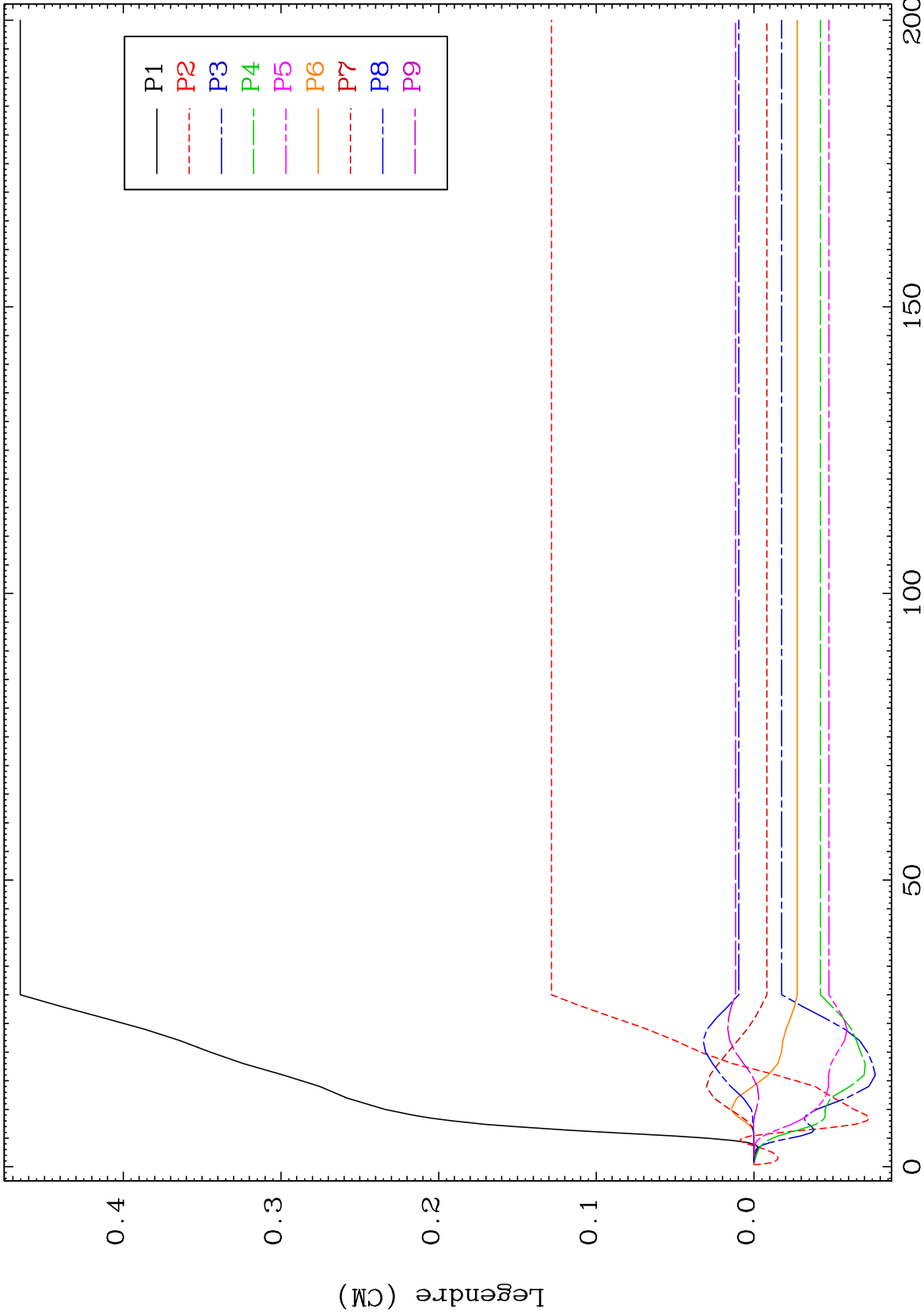
26

51-Sb-110

MAT 5092

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

51-Sb-110



27

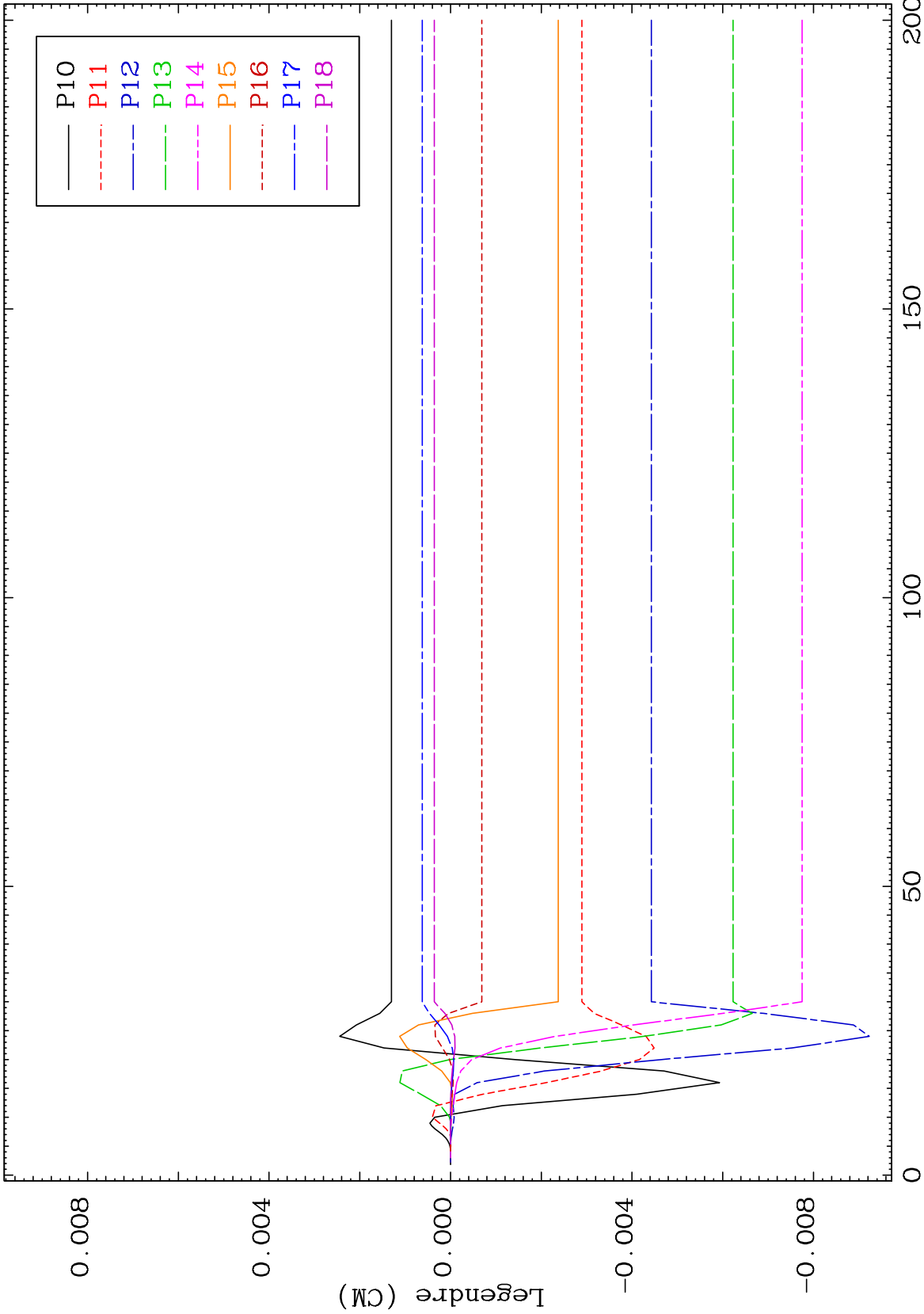
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



28

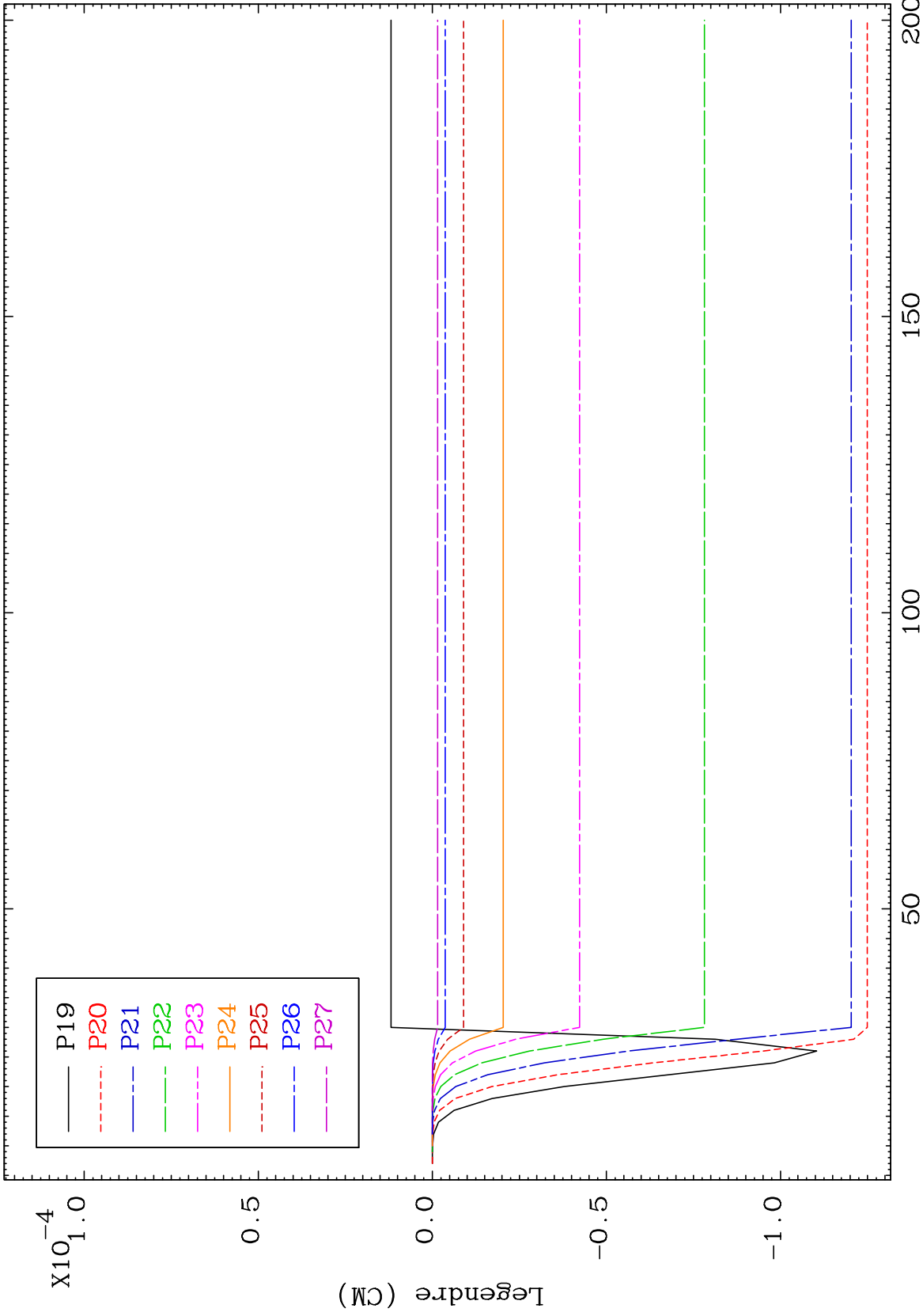
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



29

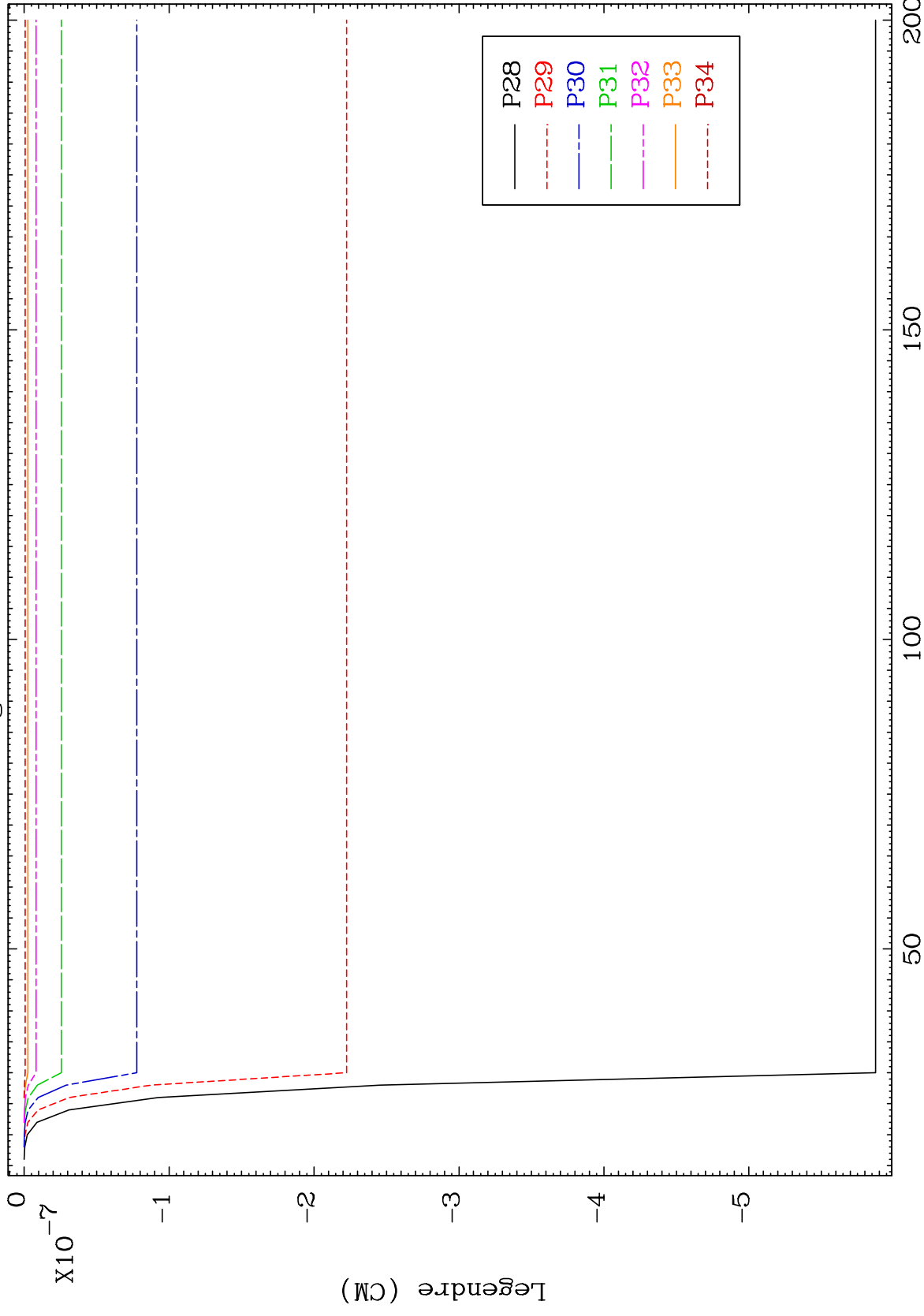
51-Sb-110

51-Sb-110

MAT 5092

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

51-Sb-110



51-Sb-110

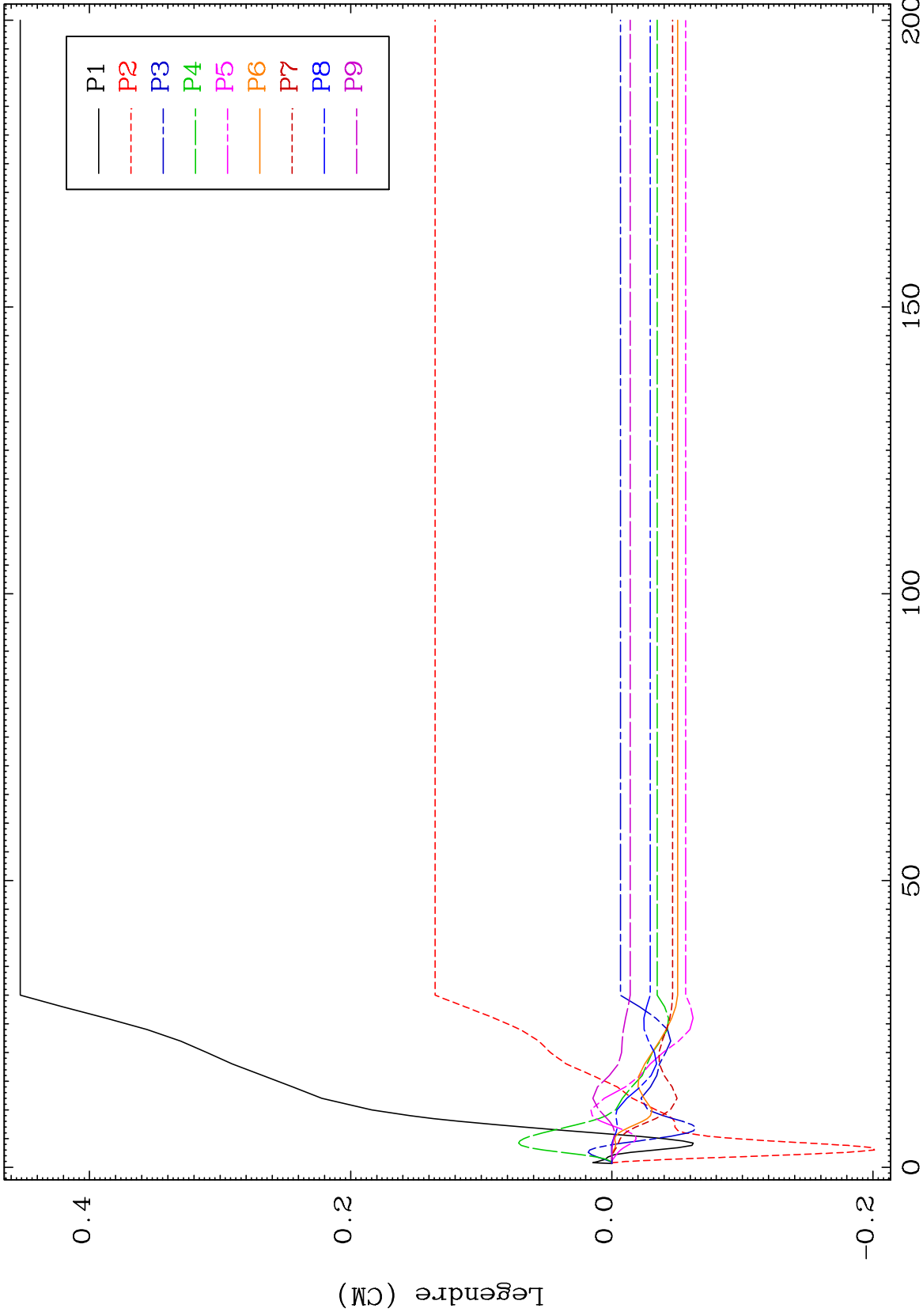
Incident Energy (MeV)

30

MAT 5092

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

51-Sb-110



31

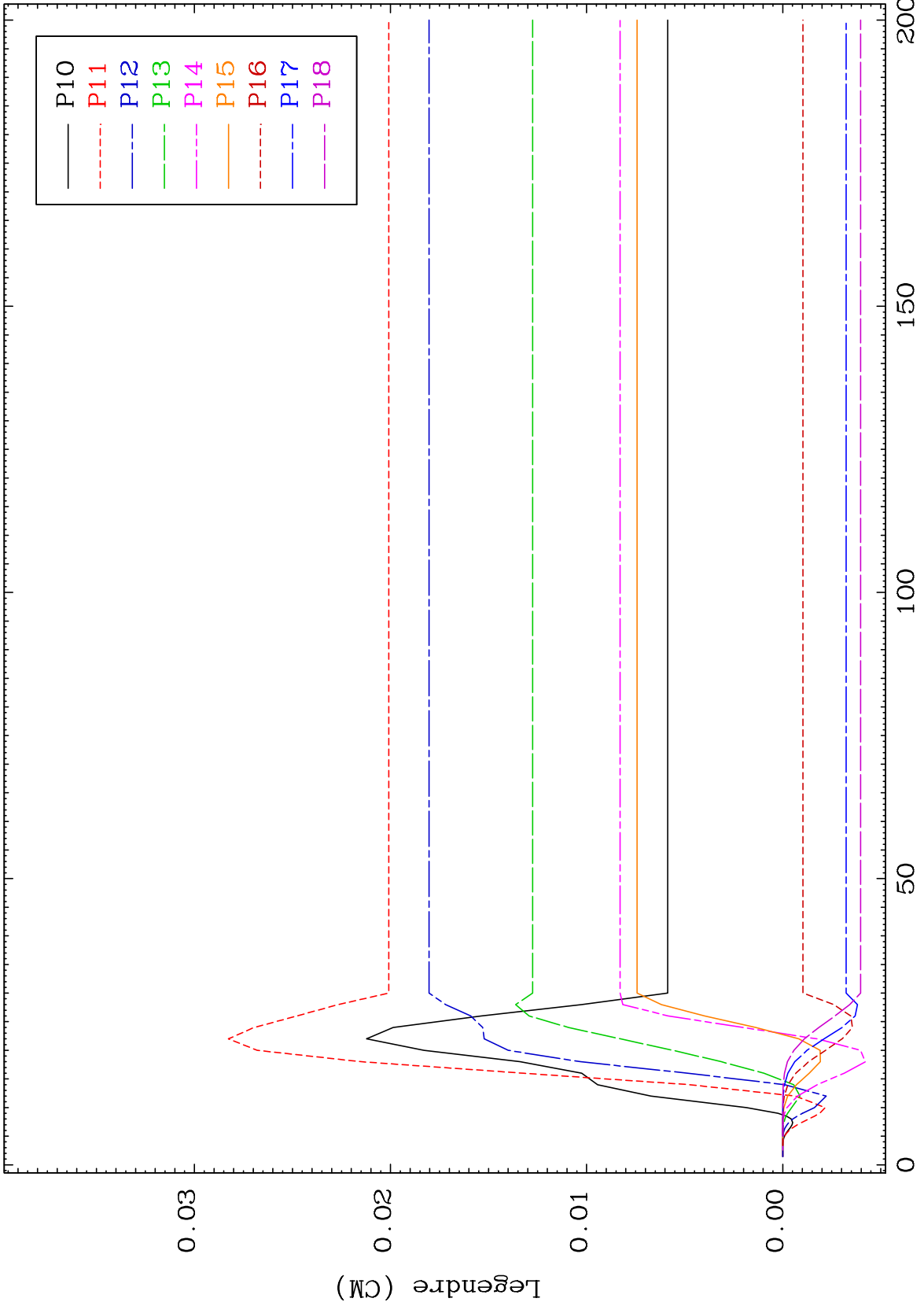
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110

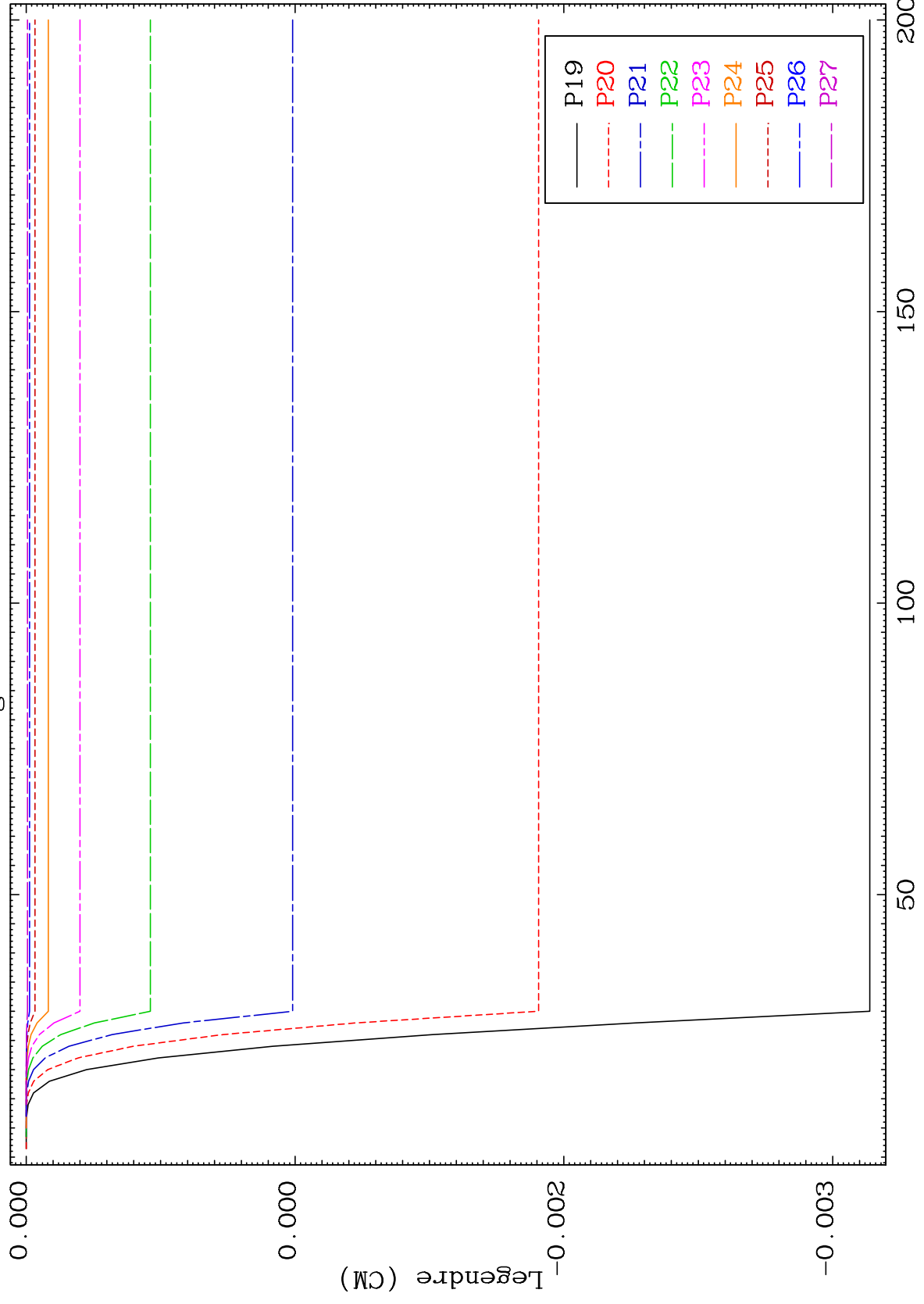


32

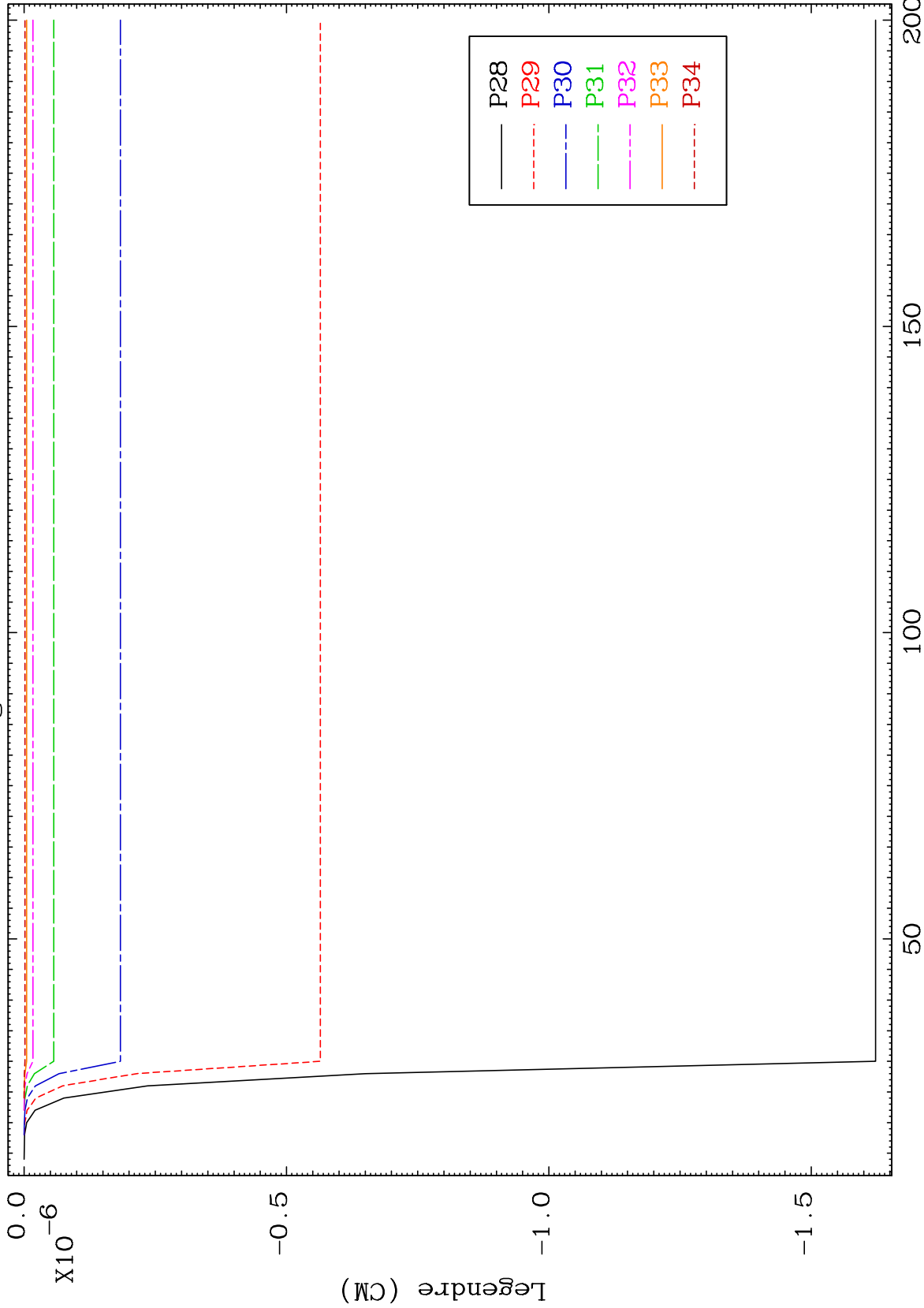
Incident Energy (MeV)

51-Sb-110

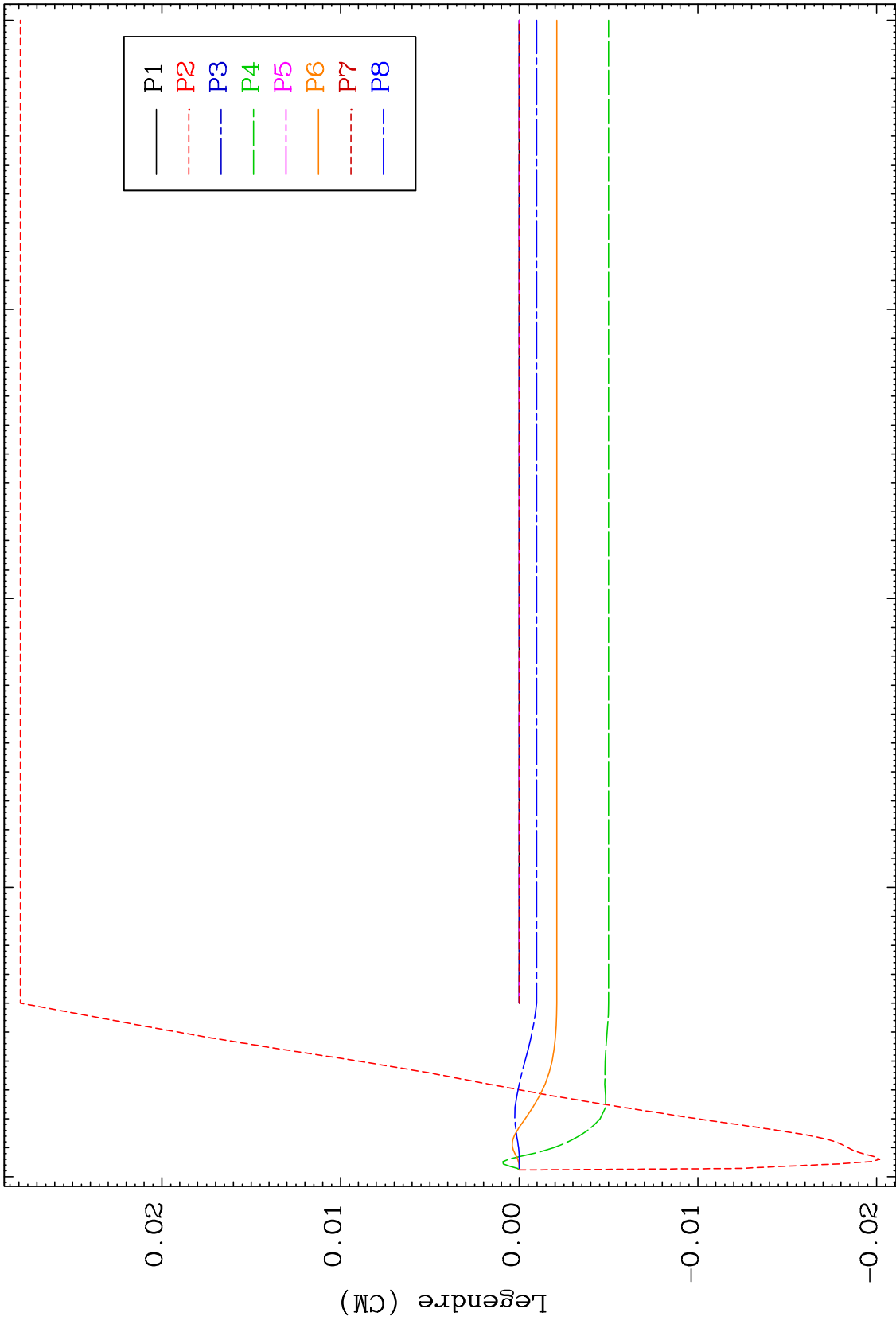
MAT 5092 MT= 54 (n,n') Level Legendre Coefficients 51-Sb-110



Legendre Coefficients



MAT 5092 MT= 55 (n,n') Level Legendre Coefficients 51-Sb-110

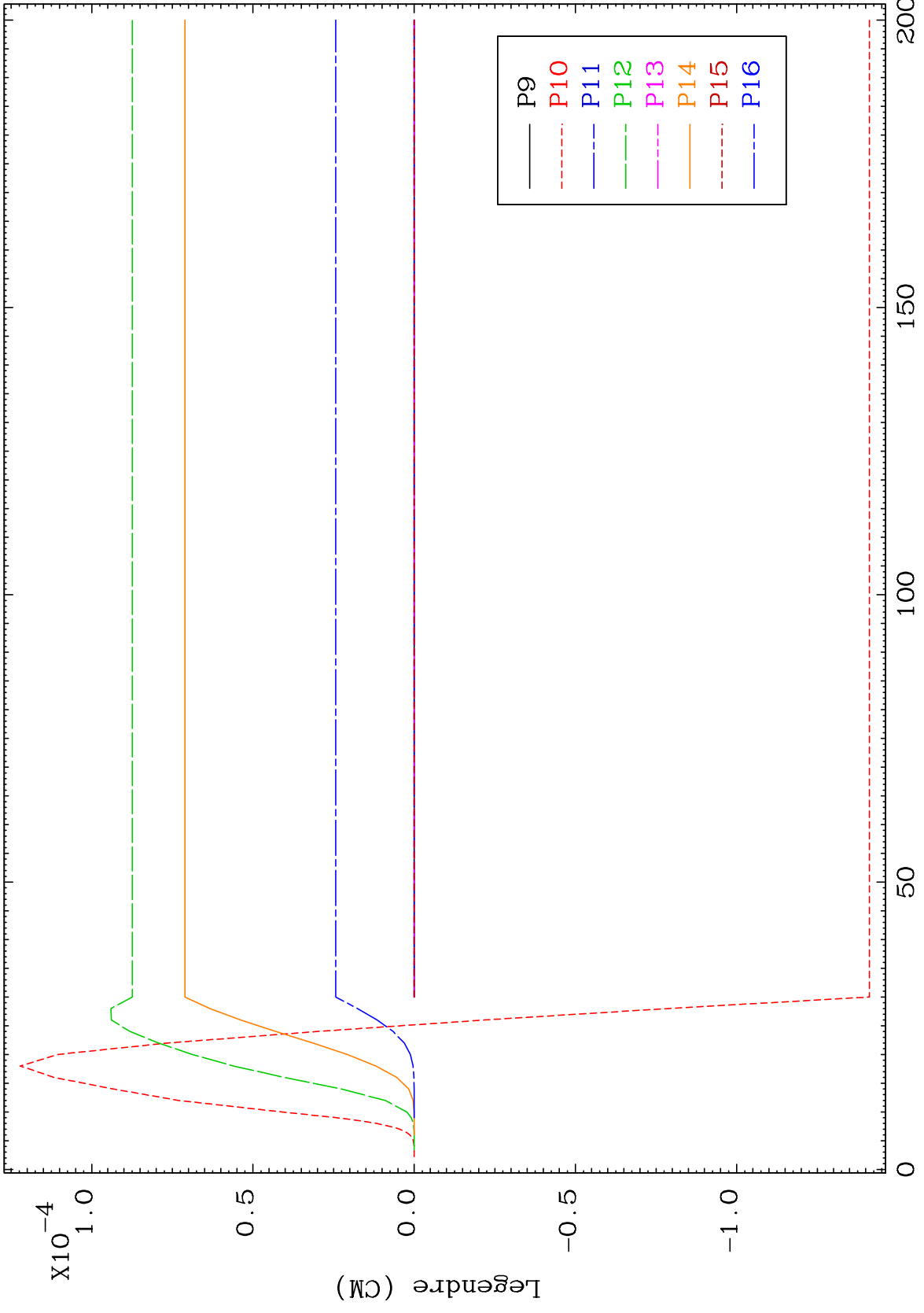


35 50 100 150 200 51-Sb-110

MAT 5092

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

51-Sb-110

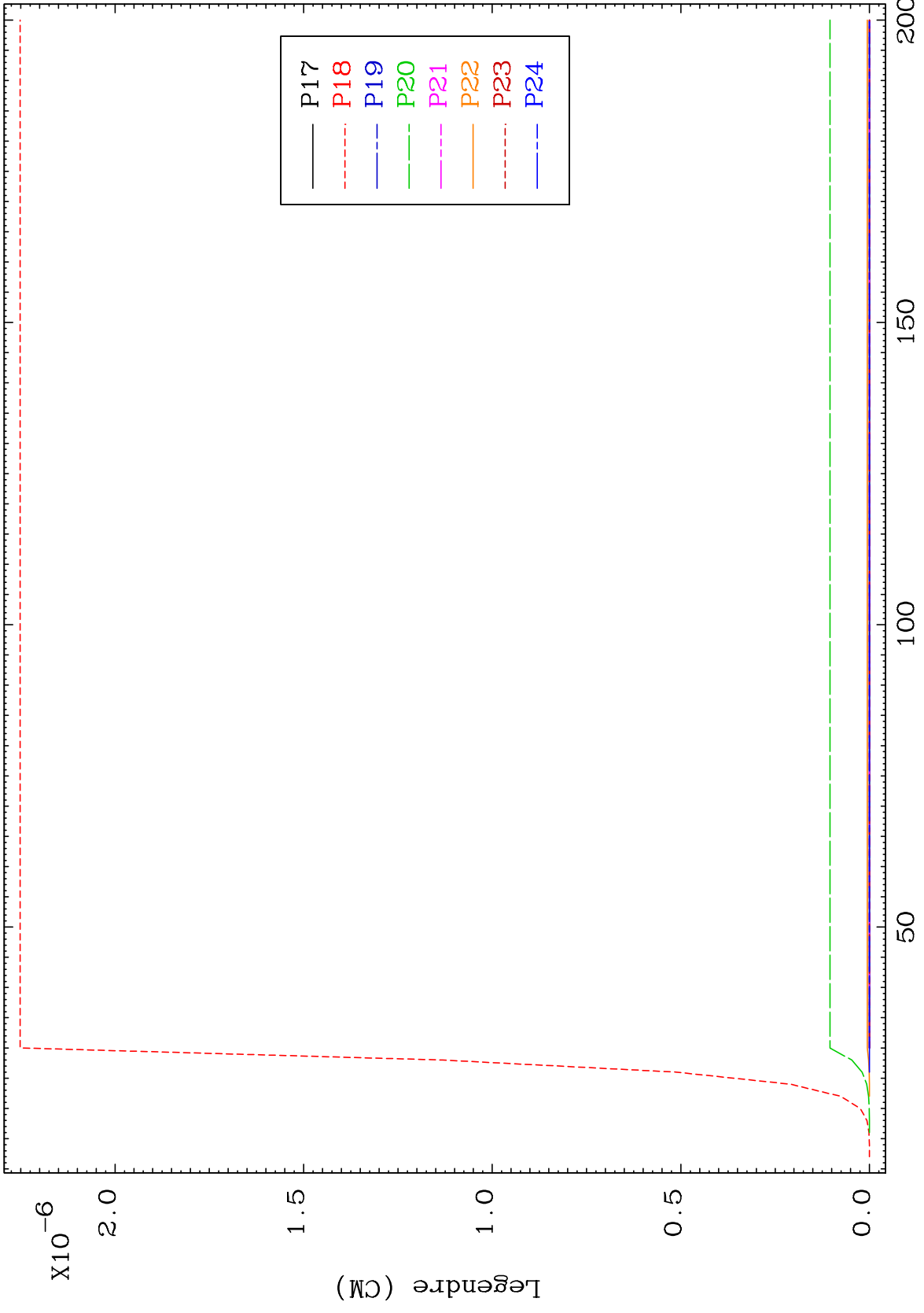


36

Incident Energy (MeV)

51-Sb-110

MAT 5092 MT= 55 (n,n') Level Legendre Coefficients 51-Sb-110

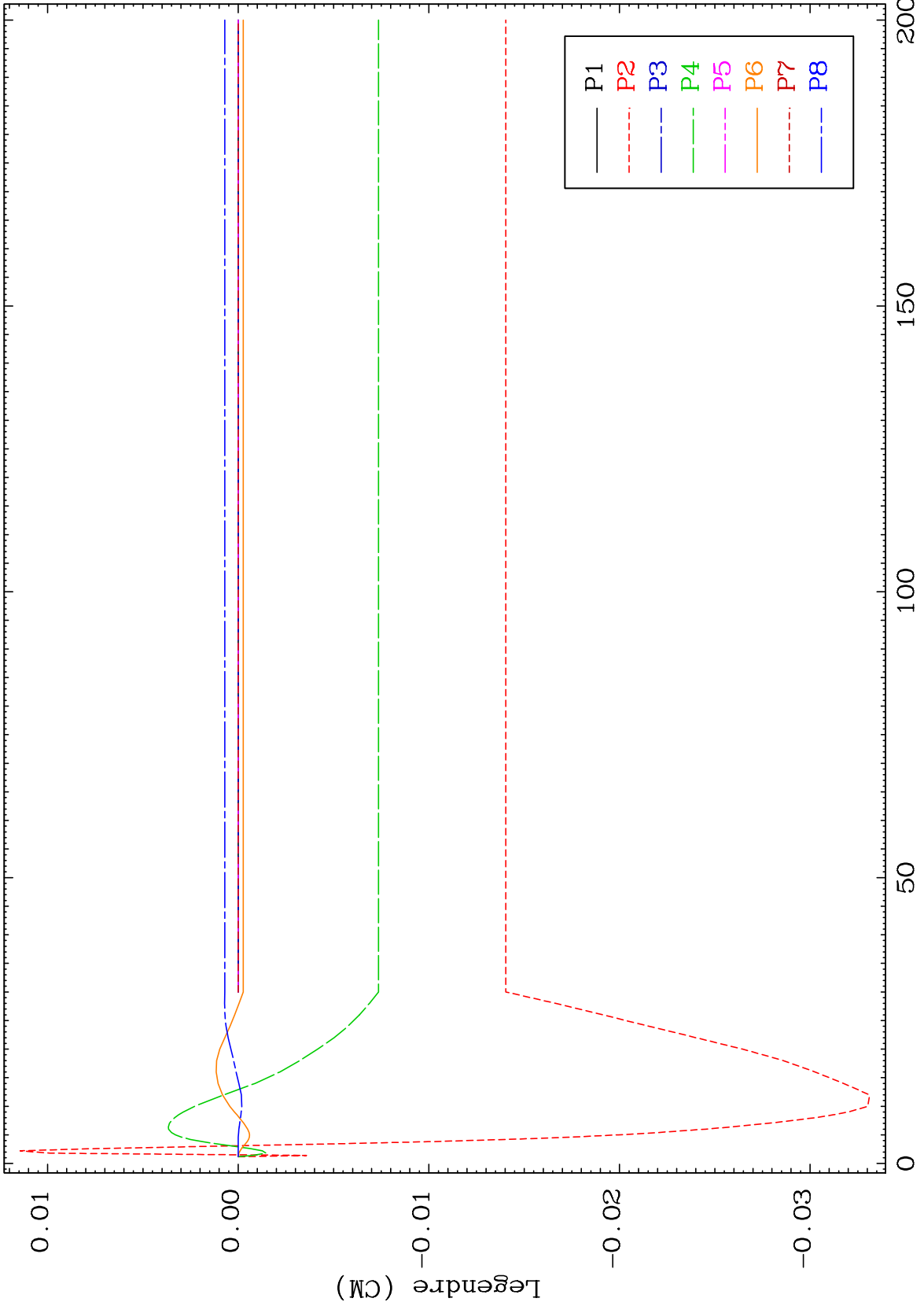


37 51-Sb-110 150 200

MAT 5092

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

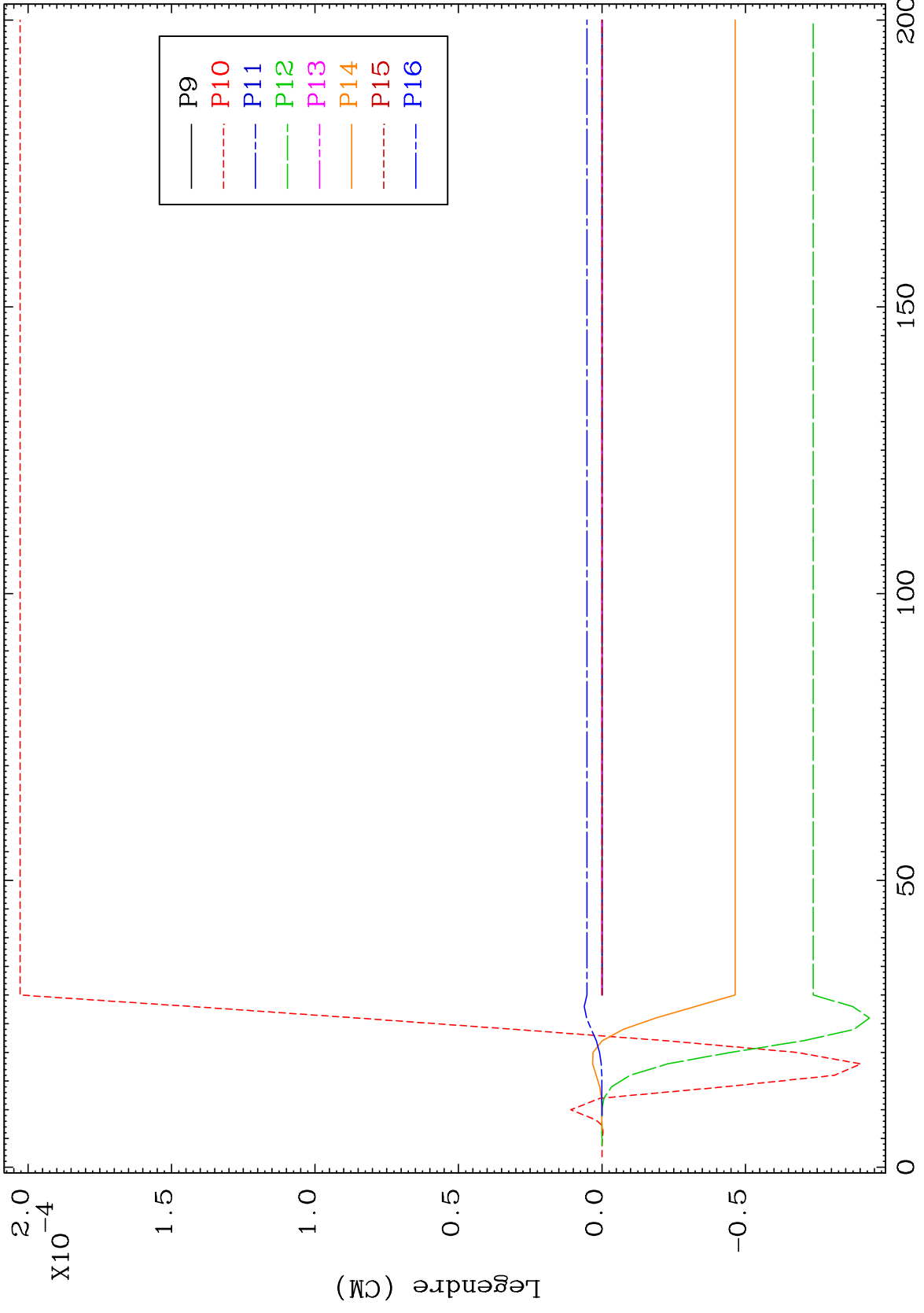
51-Sb-110



38

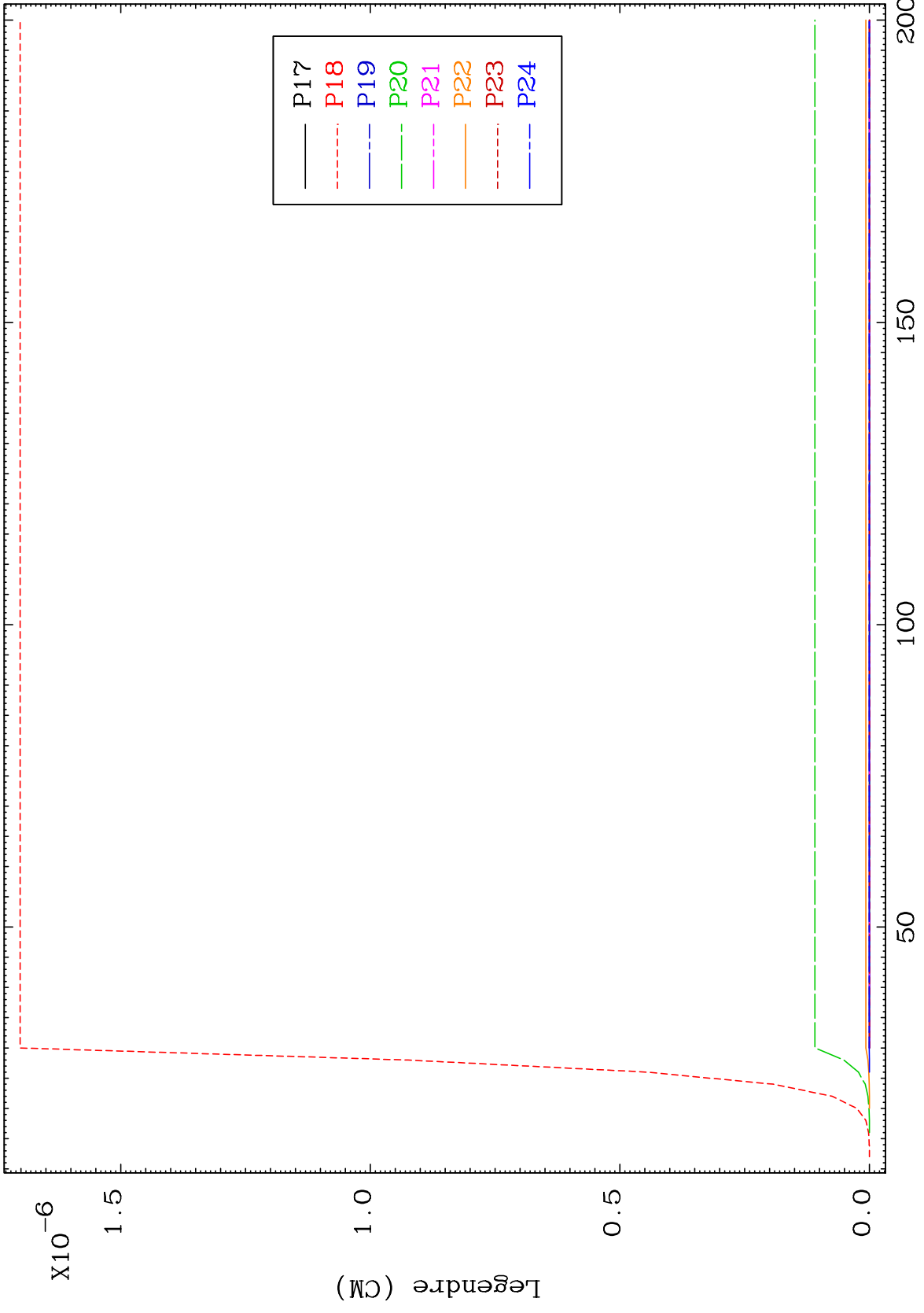
51-Sb-110

MAT 5092 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-110



39 51-Sb-110

MAT 5092 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-110

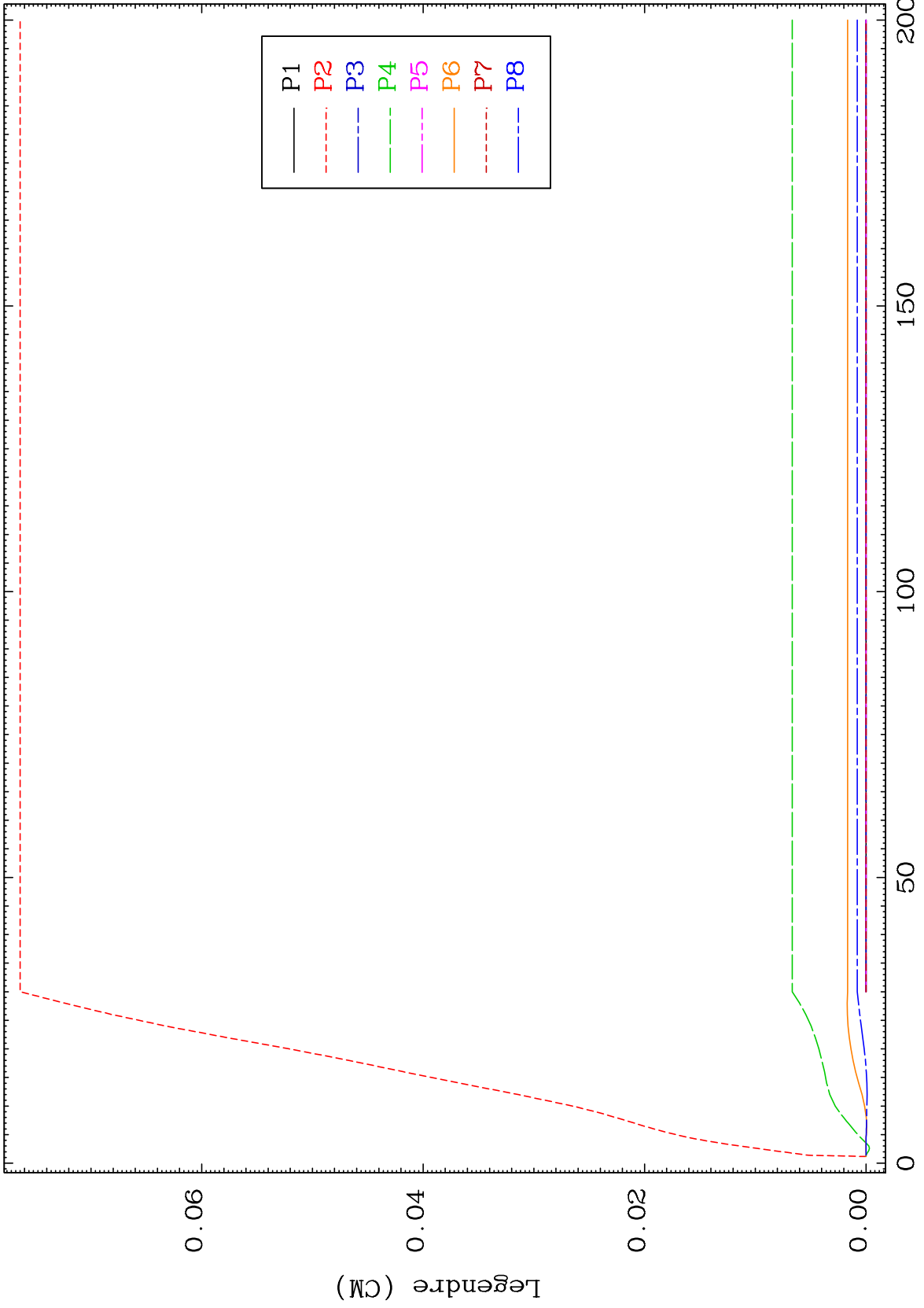


51-Sb-110

MAT 5092

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

51-Sb-110



41

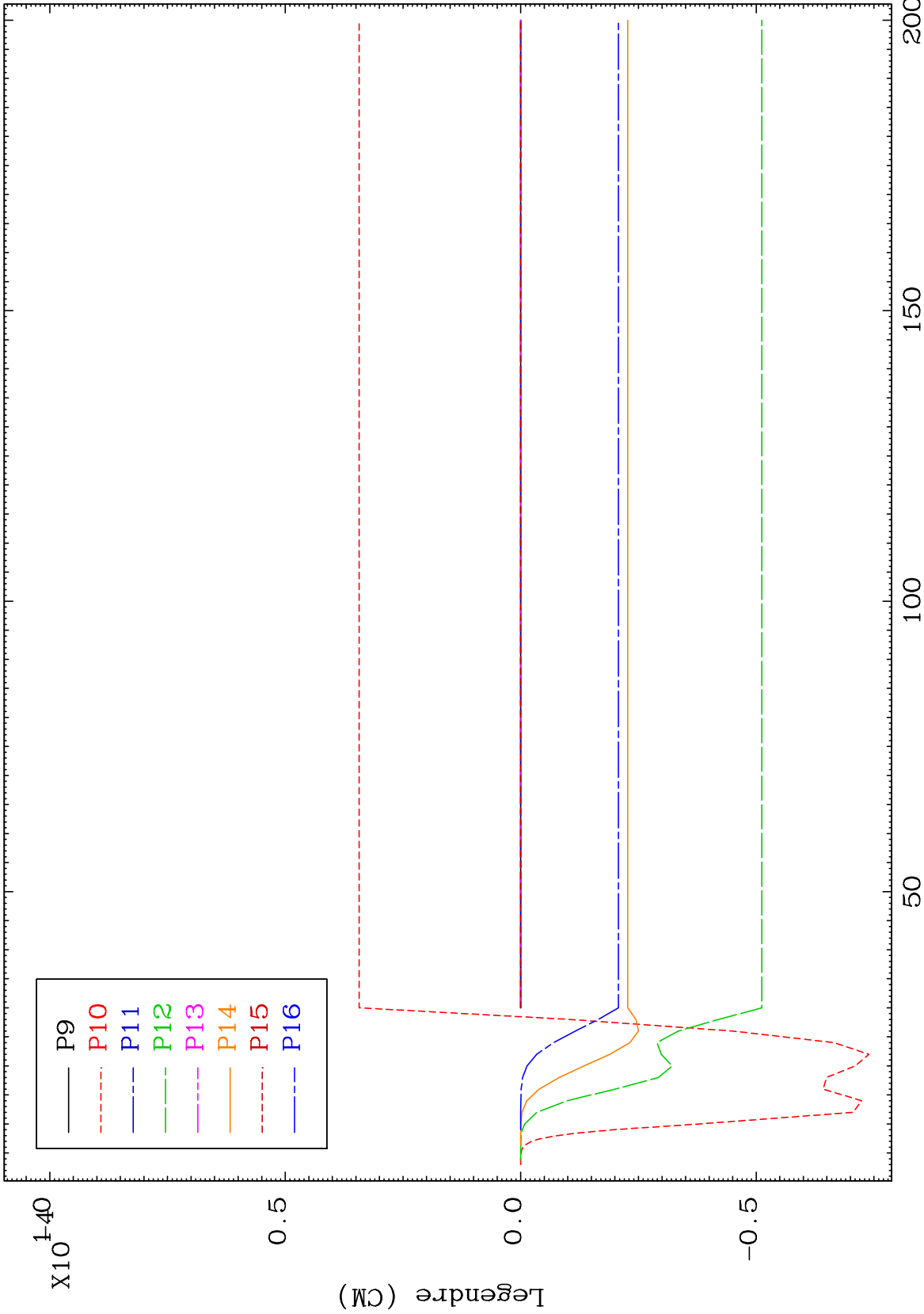
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110

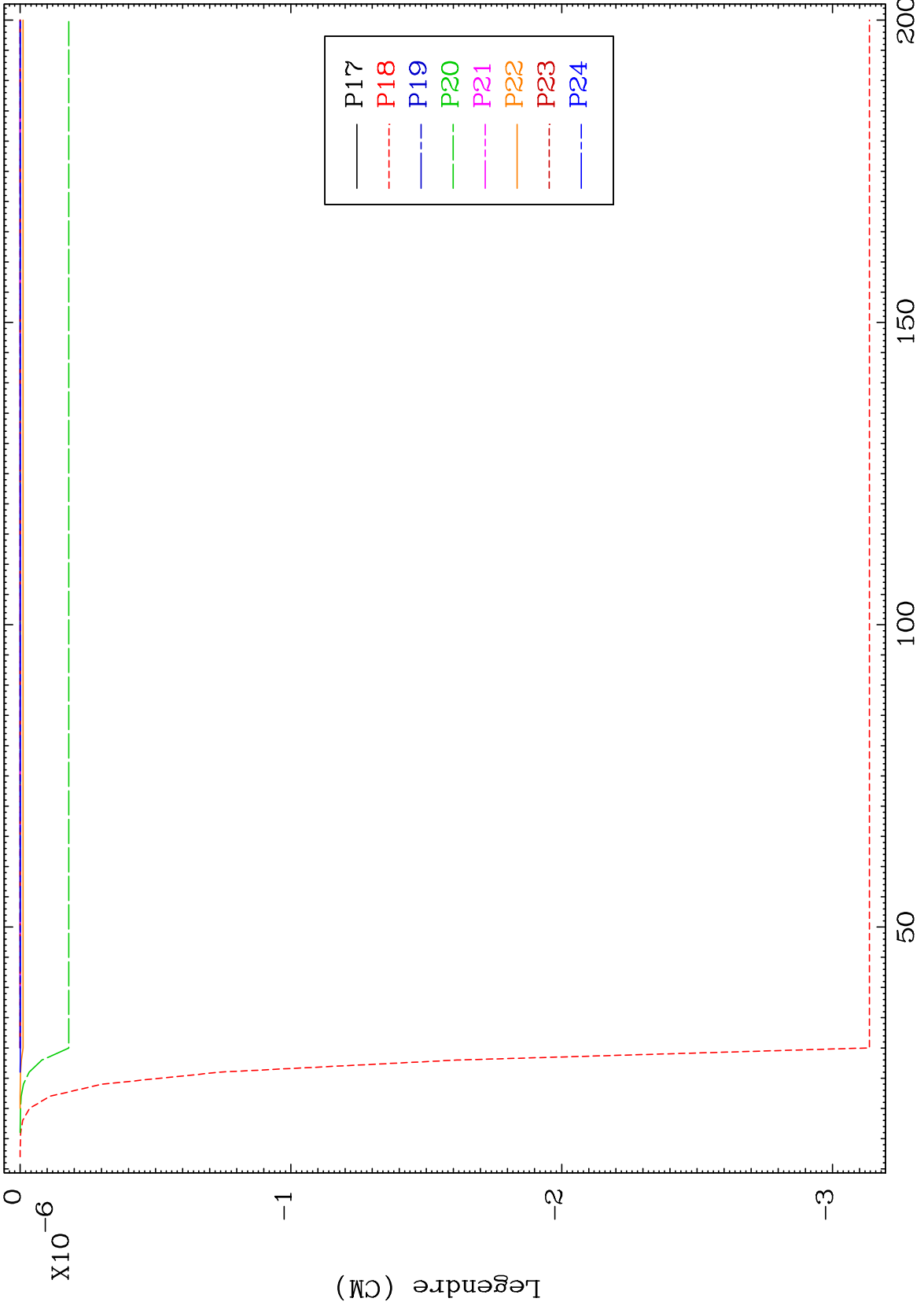


42

Incident Energy (MeV)

51-Sb-110

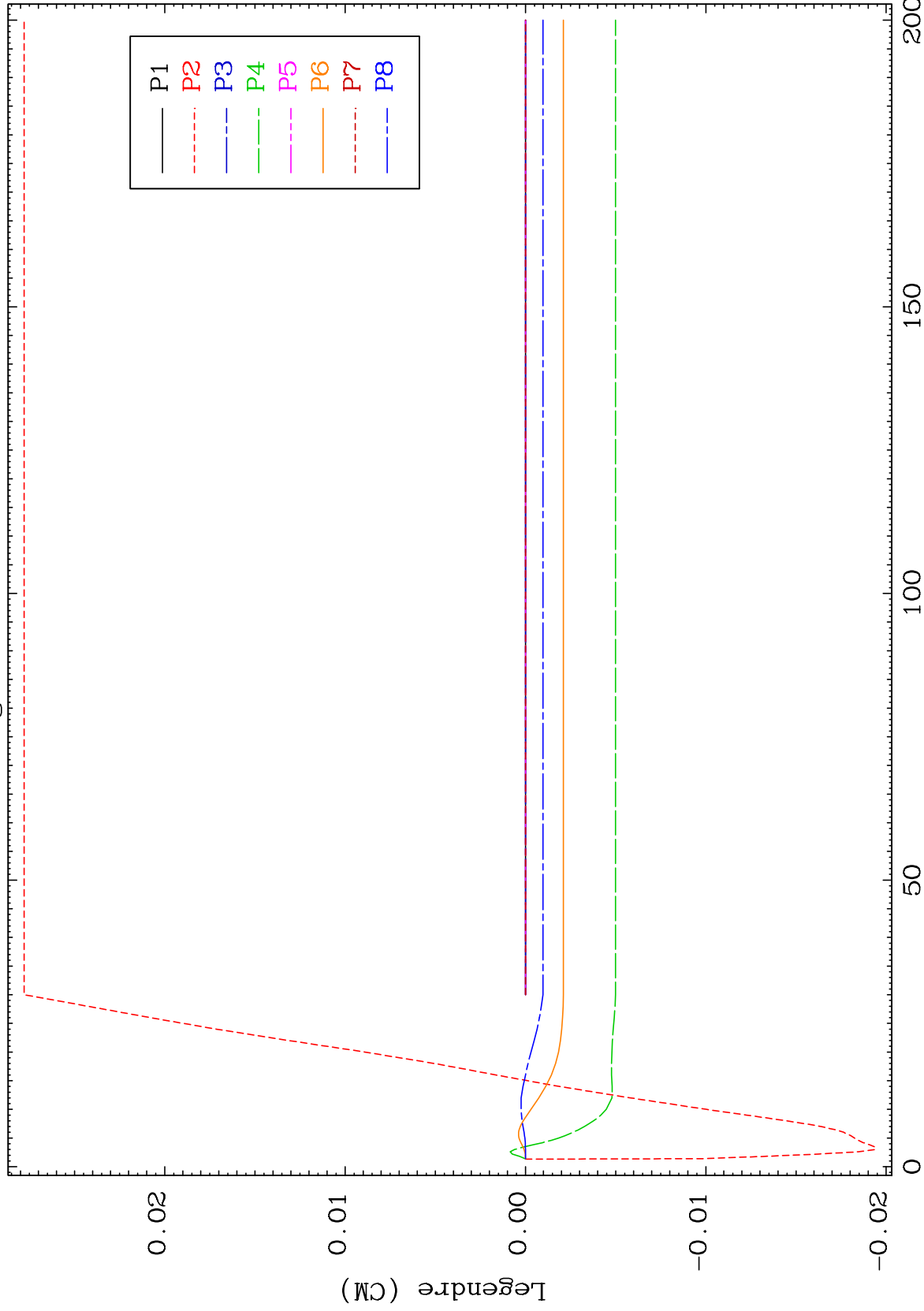
MAT 5092 MT= 57 (n,n') Level Legendre Coefficients 51-Sb-110



MAT 5092

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

51-Sb-110



44

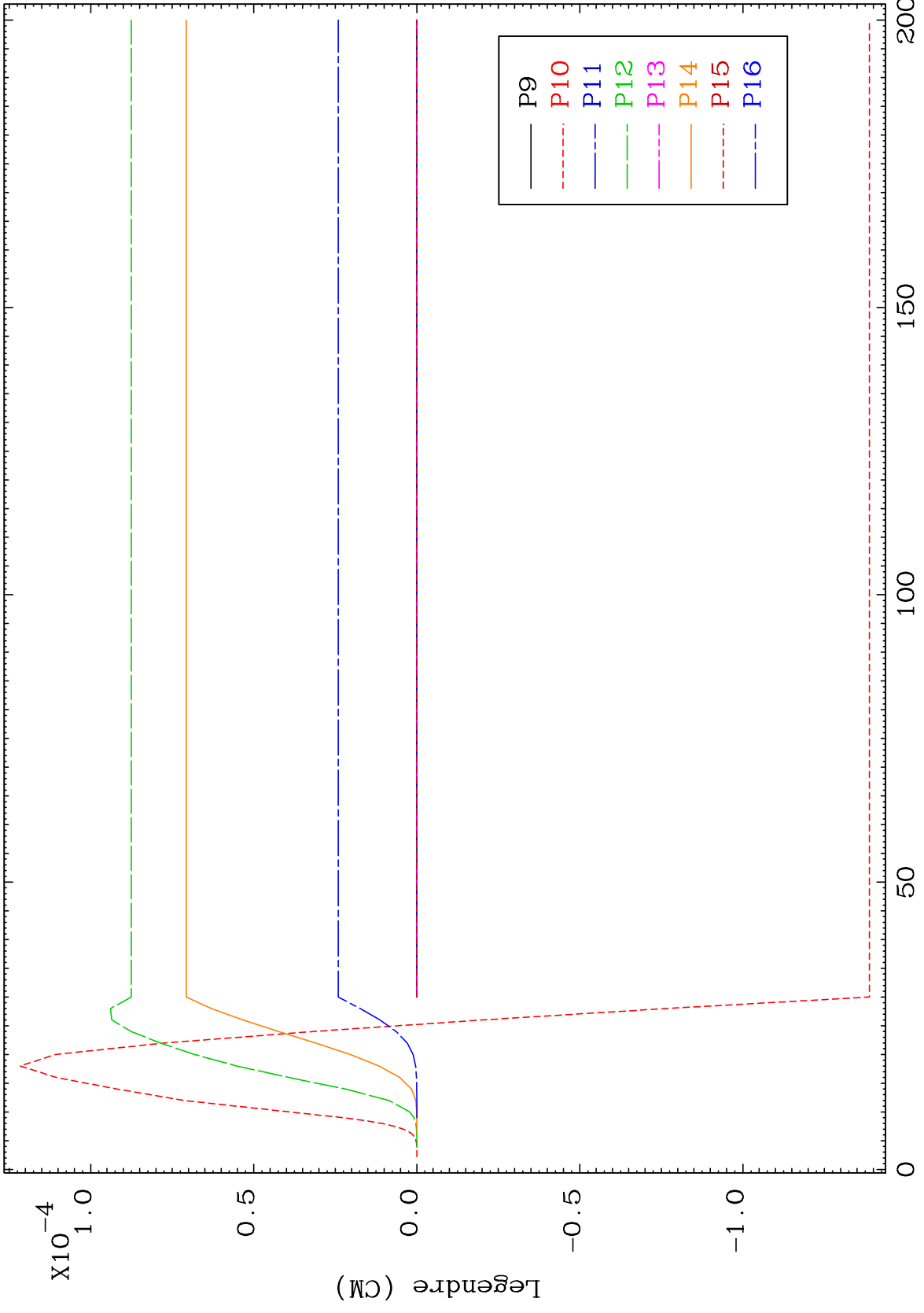
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110

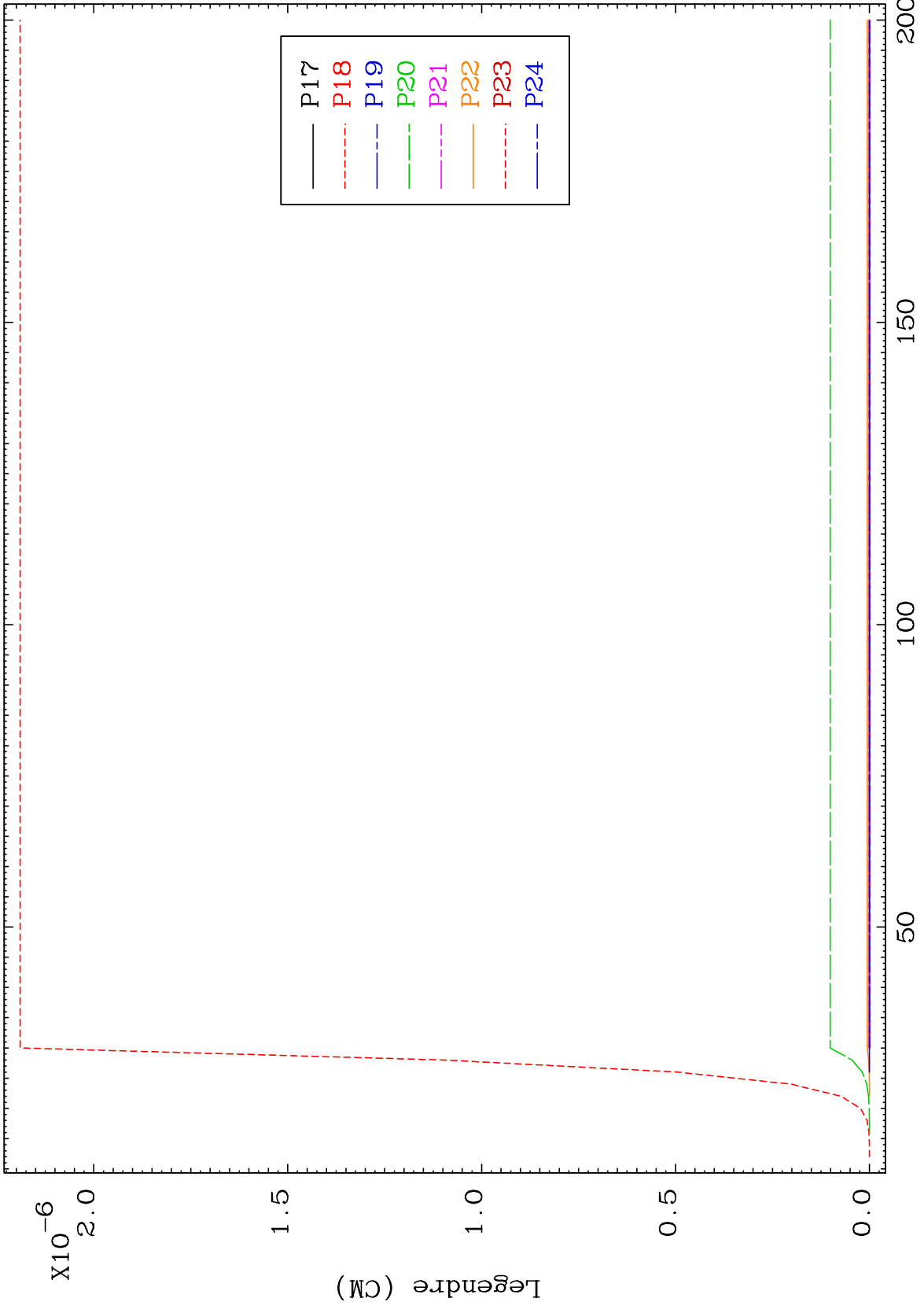


45

Incident Energy (MeV)

51-Sb-110

MAT 5092 MT= 58 (n,n') Level Legendre Coefficients 51-Sb-110

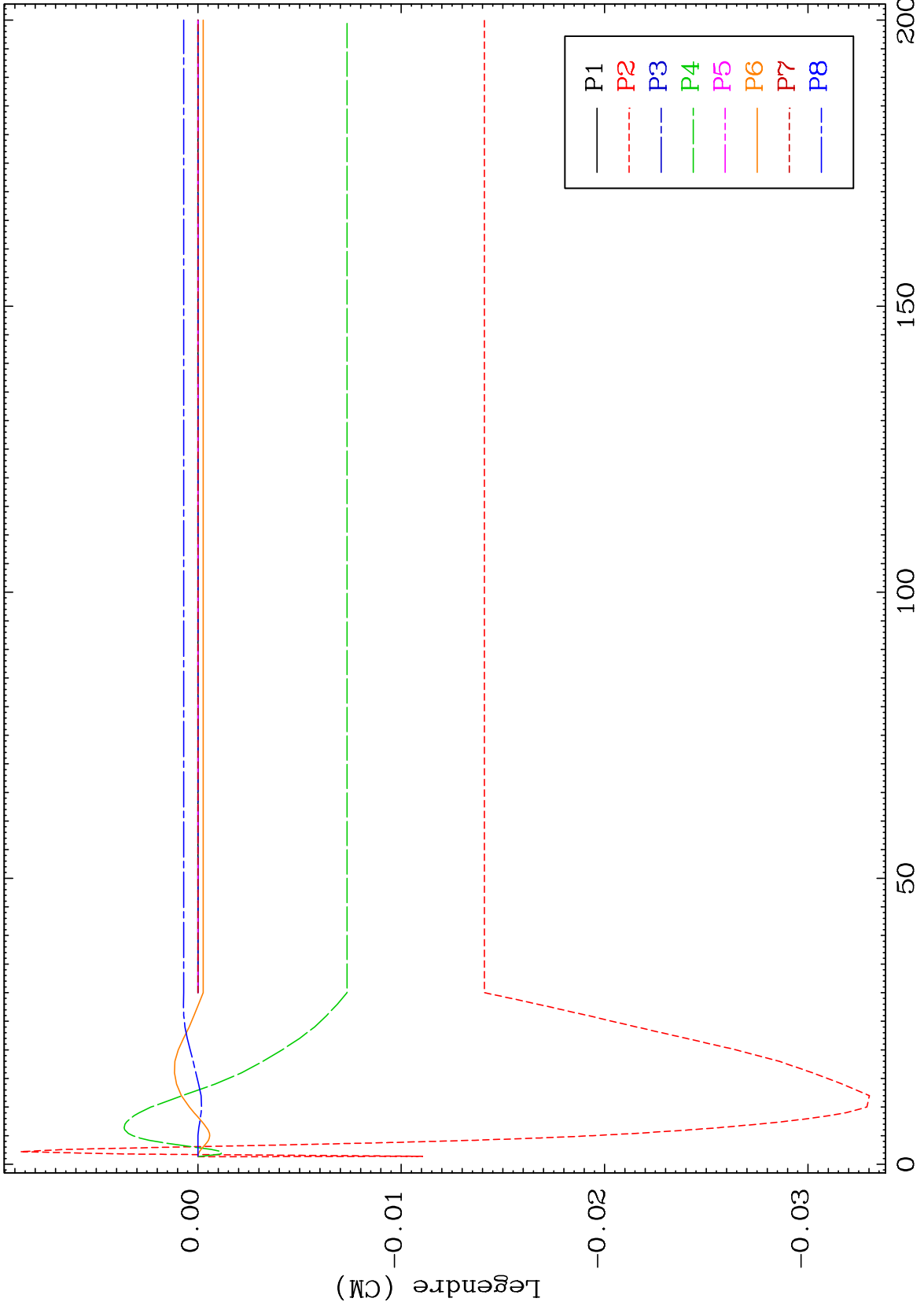


46 Incident Energy (MeV) 51-Sb-110

MAT 5092

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

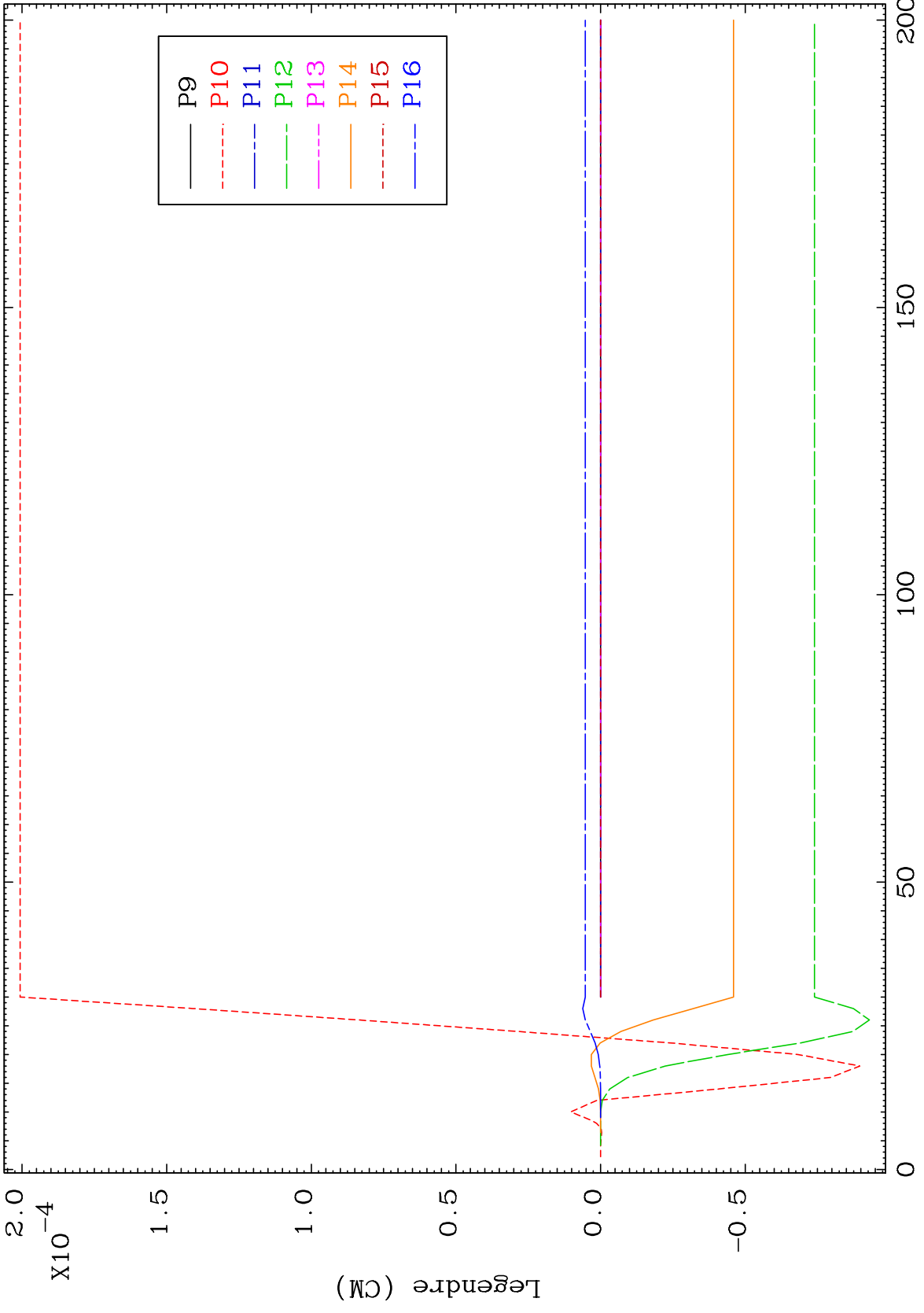
51-Sb-110



47

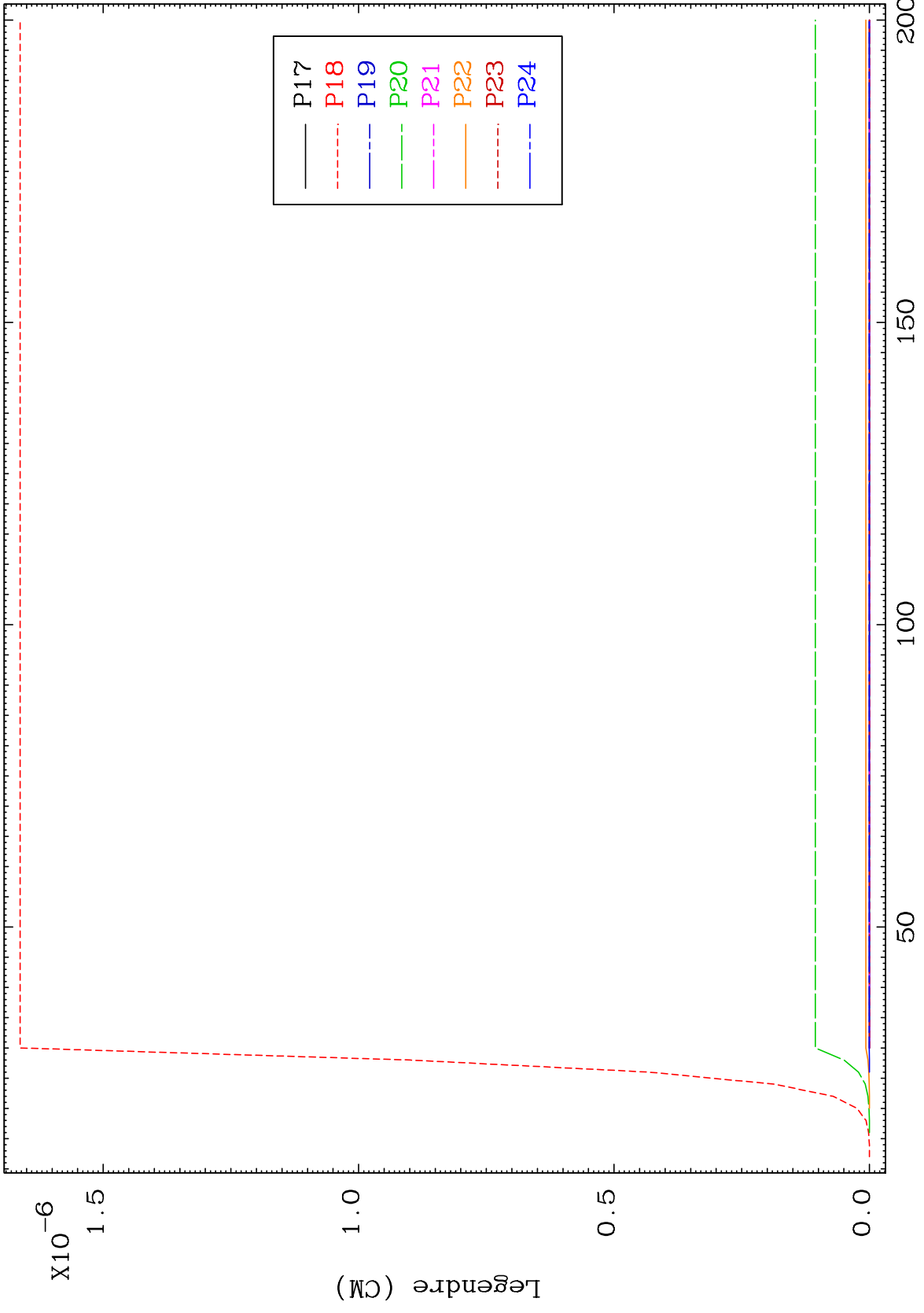
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MAT 5092 MT= 59 (n,n') Level Legendre Coefficients 51-Sb-110



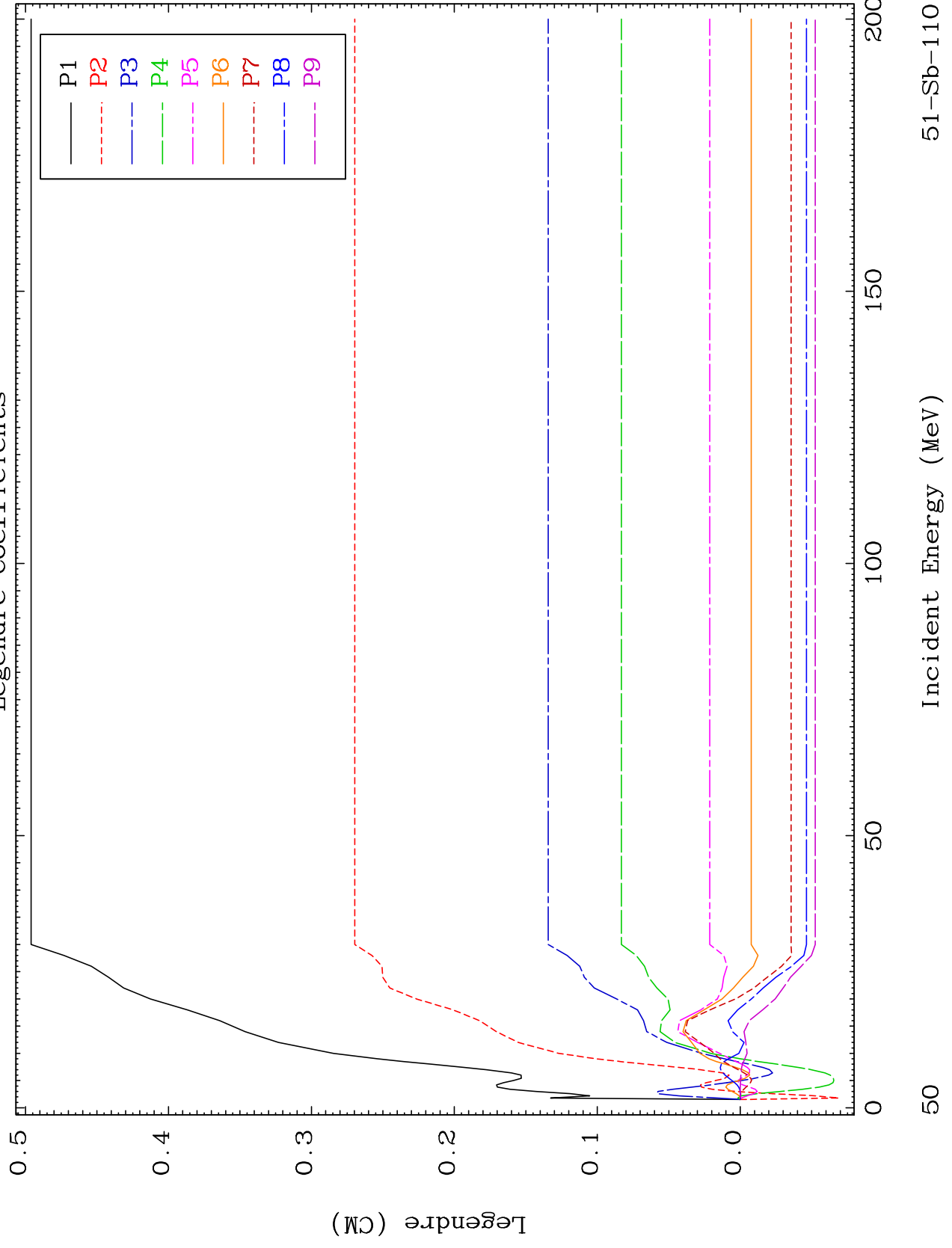
48 51-Sb-110

MAT 5092 MT= 59 (n,n') Level Legendre Coefficients 51-Sb-110



49 Incident Energy (MeV) 51-Sb-110

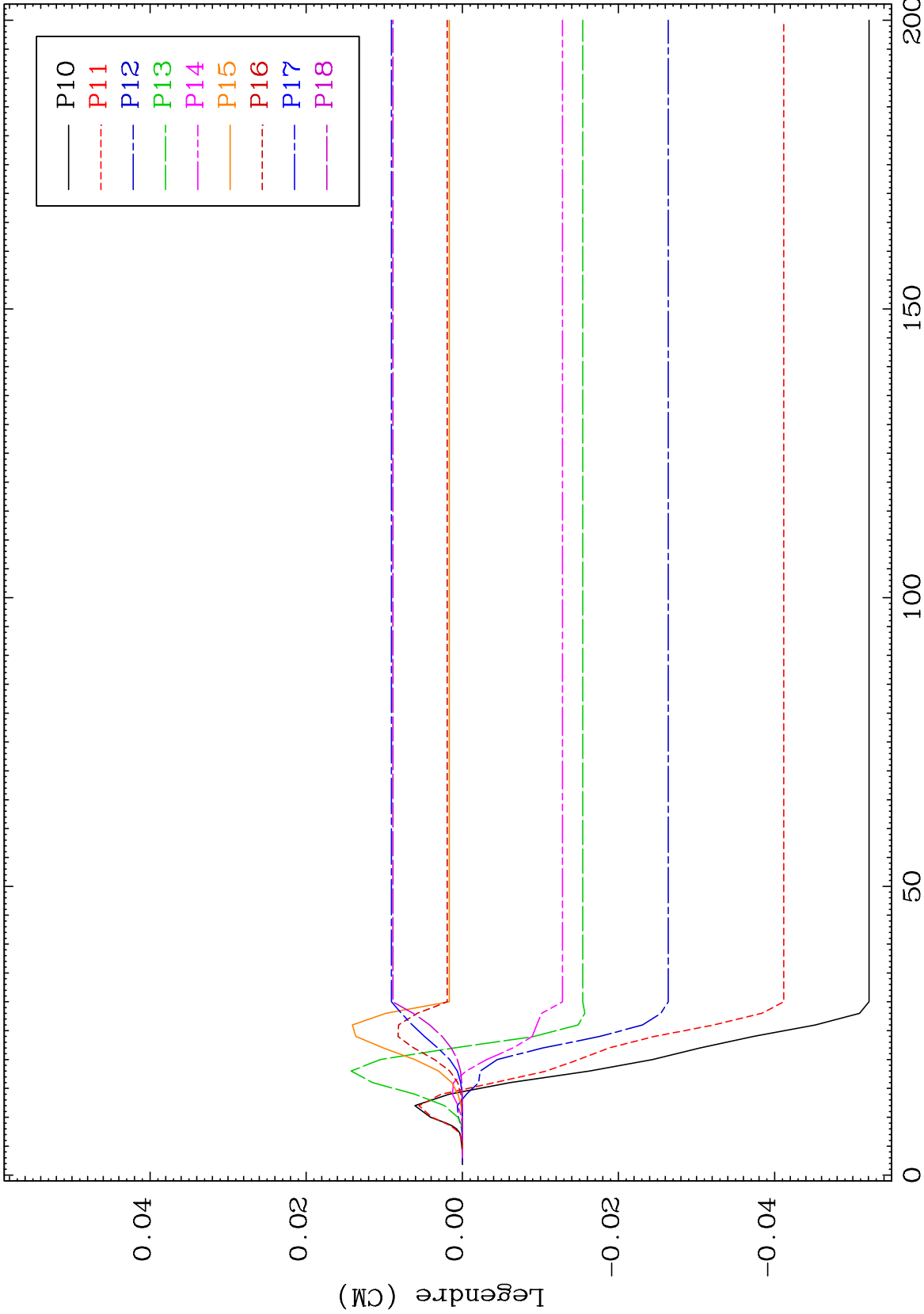
MAT 5092 MT= 60 (n,n') Level Legendre Coefficients 51-Sb-110



MAT 5092

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

51-Sb-110



51

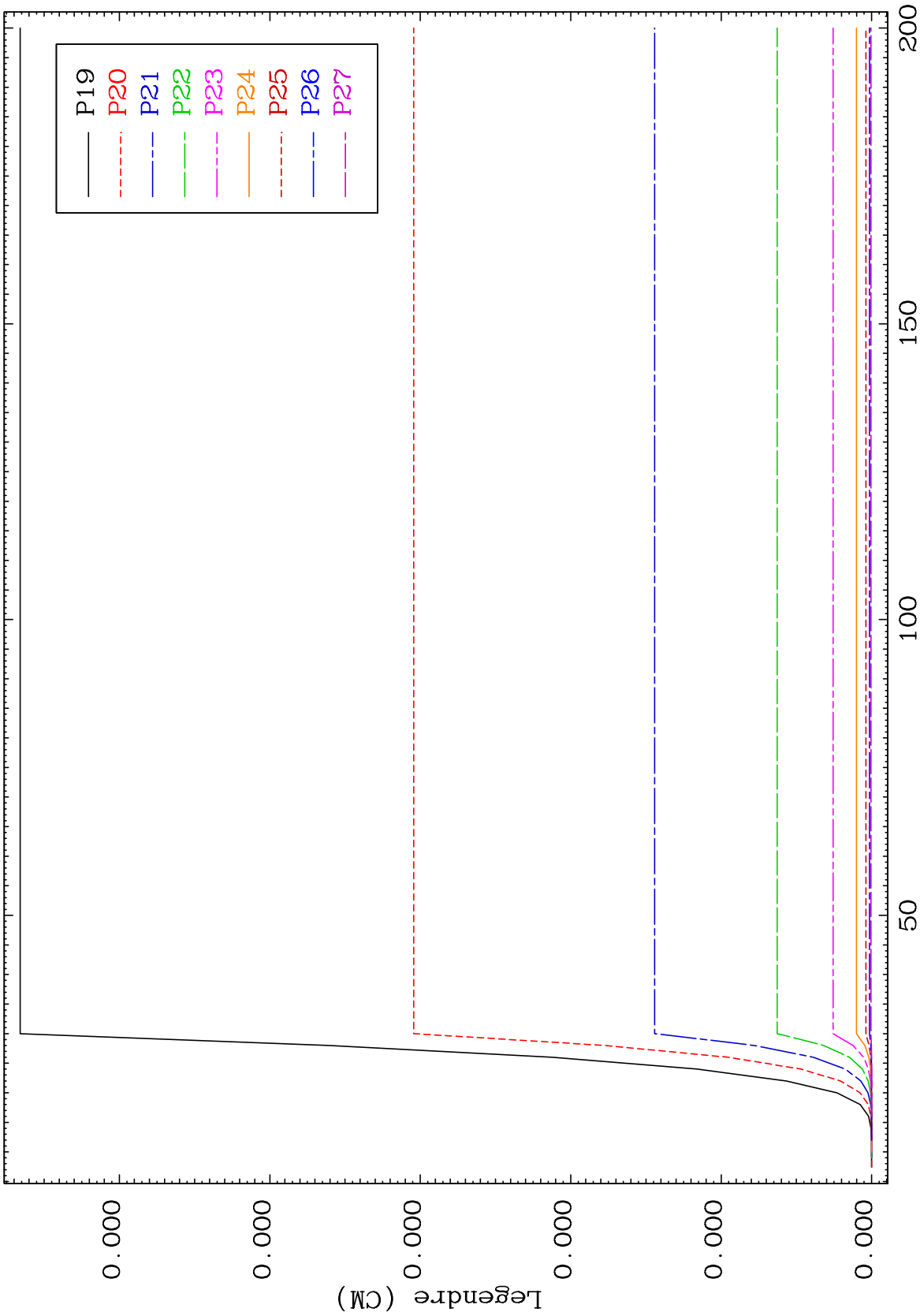
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



52

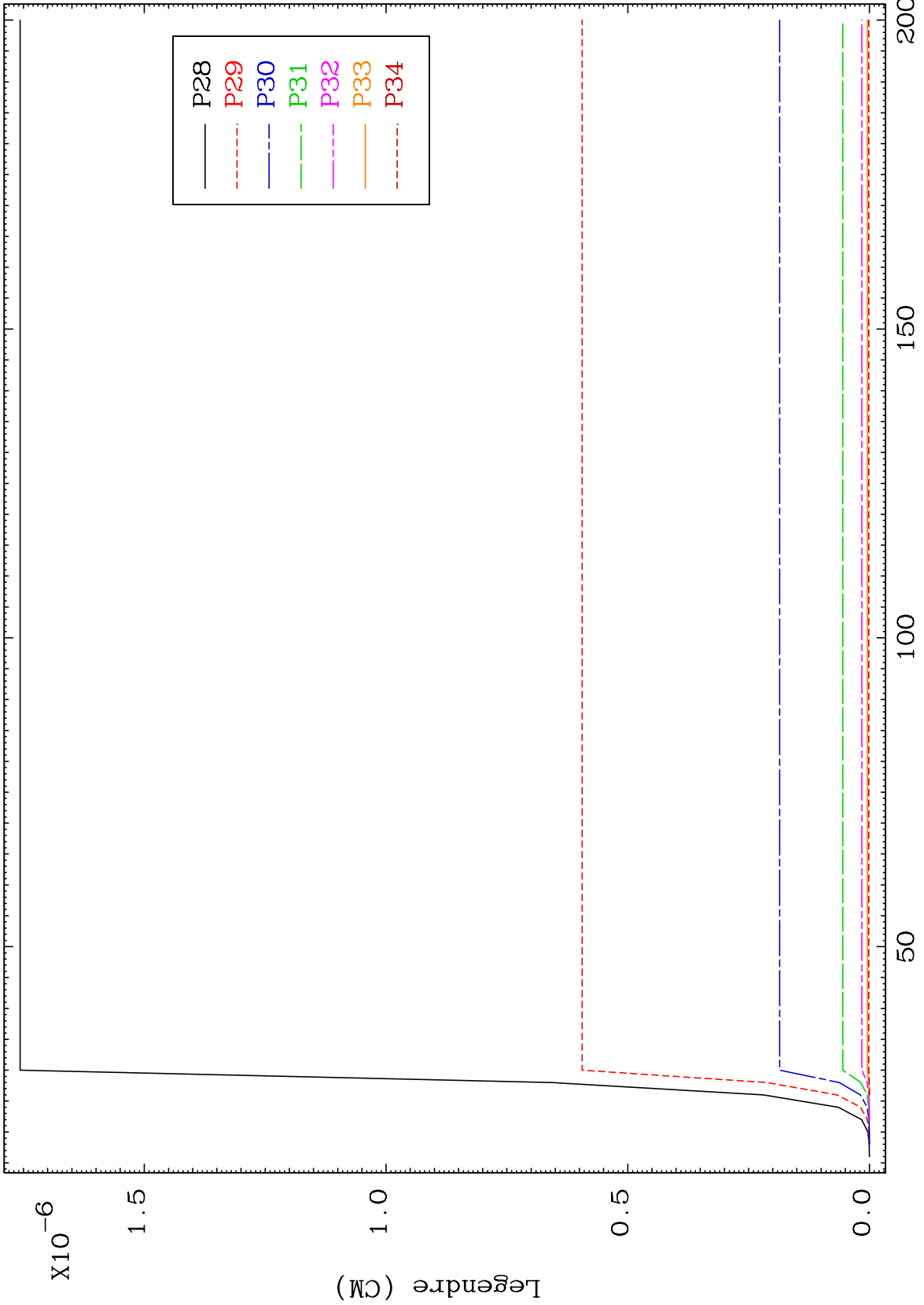
Incident Energy (MeV)

51-Sb-110

MAT 5092

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

51-Sb-110



53

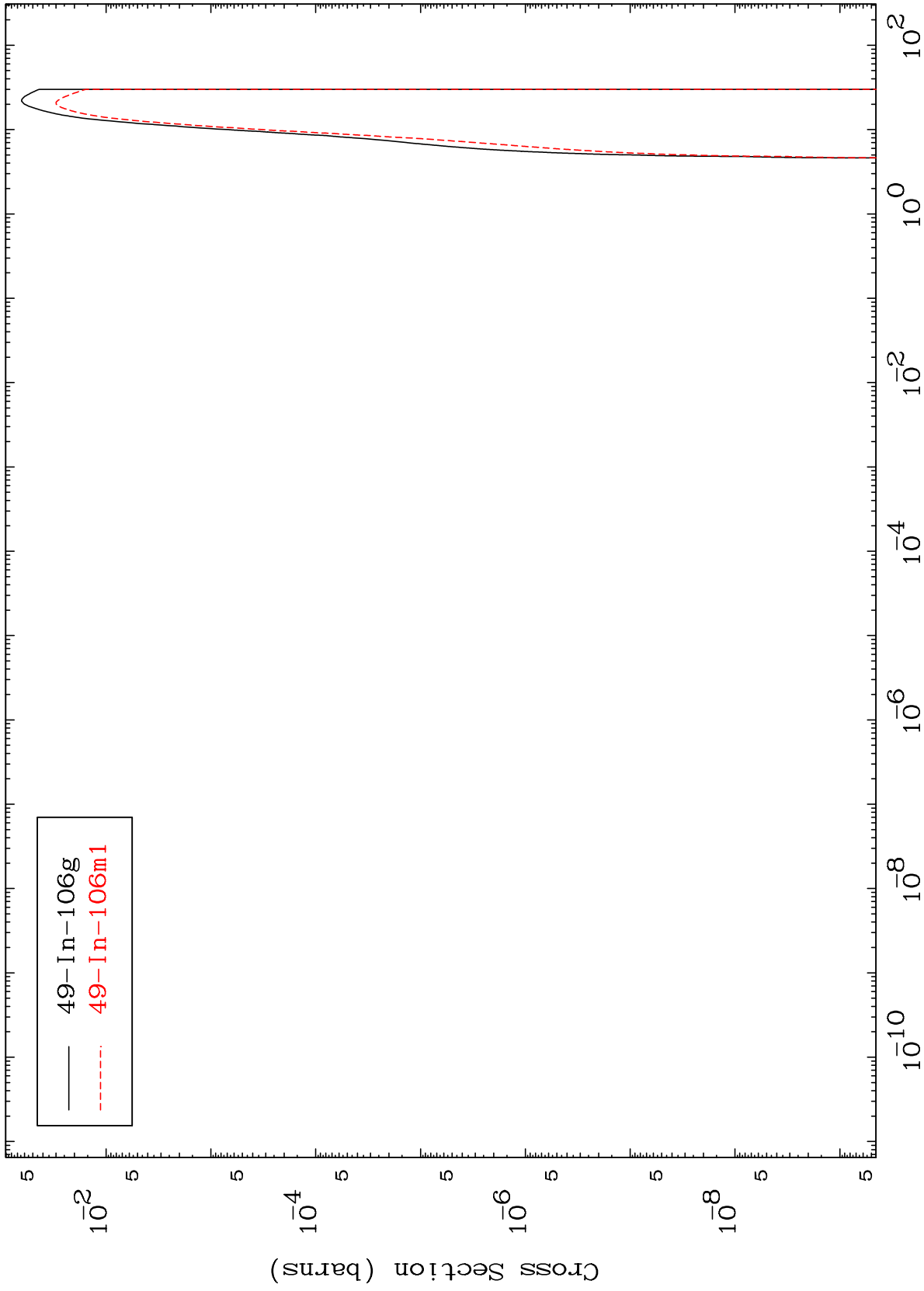
51-Sb-110

MAT 5092

(n,n') α

51-Sb-110

Radionuclide Production Cross Section



54

Incident Energy (MeV)

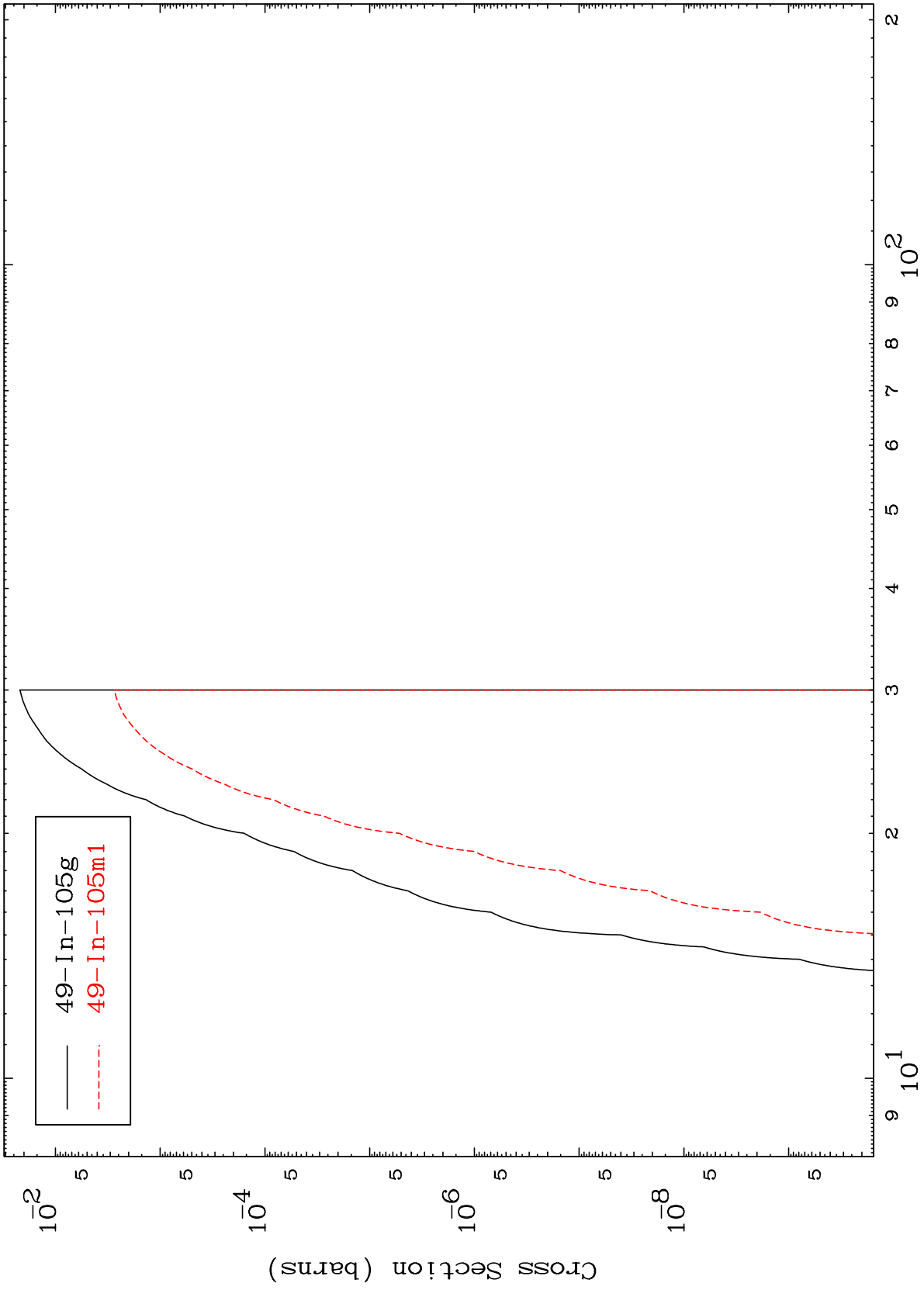
51-Sb-110

MAT 5092

(n,2n) α

51-Sb-110

Radionuclide Production Cross Section



55

Incident Energy (MeV)

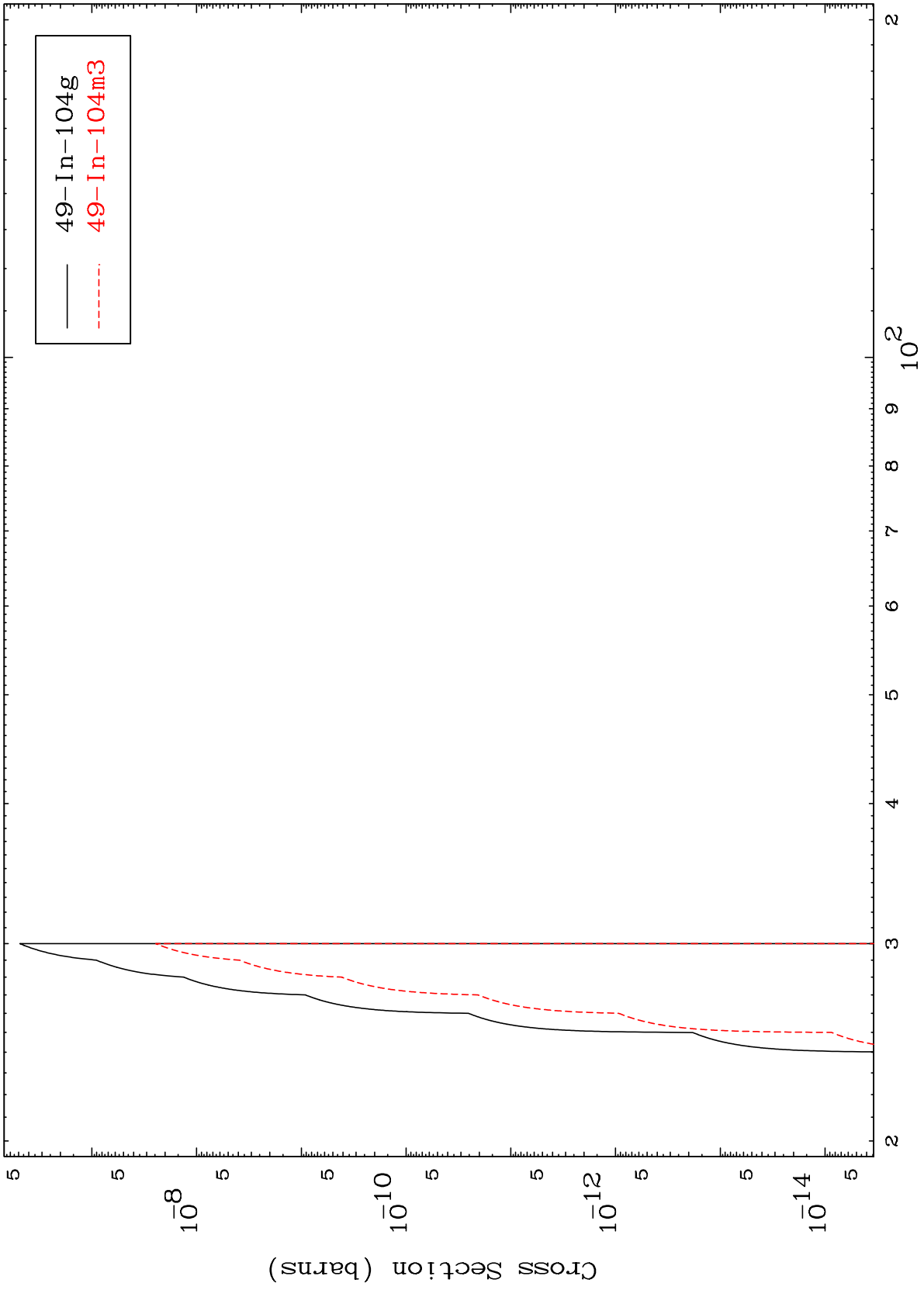
51-Sb-110

MAT 5092

(n,3n) α

51-Sb-110

Radionuclide Production Cross Section



56

Incident Energy (MeV)

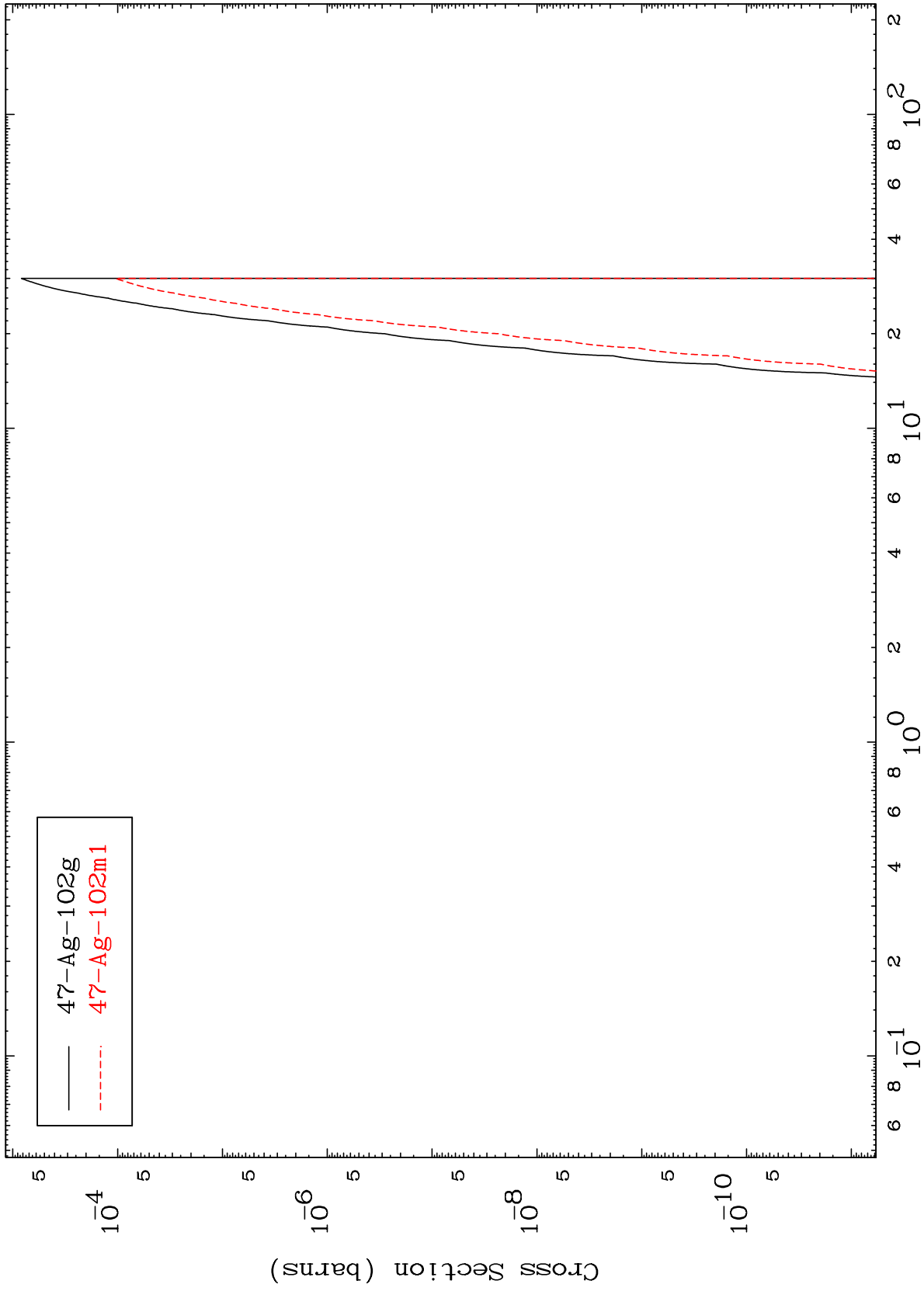
51-Sb-110

MAT 5092

(n,n') 2 α

51-Sb-110

Radionuclide Production Cross Section



57

Incident Energy (MeV)

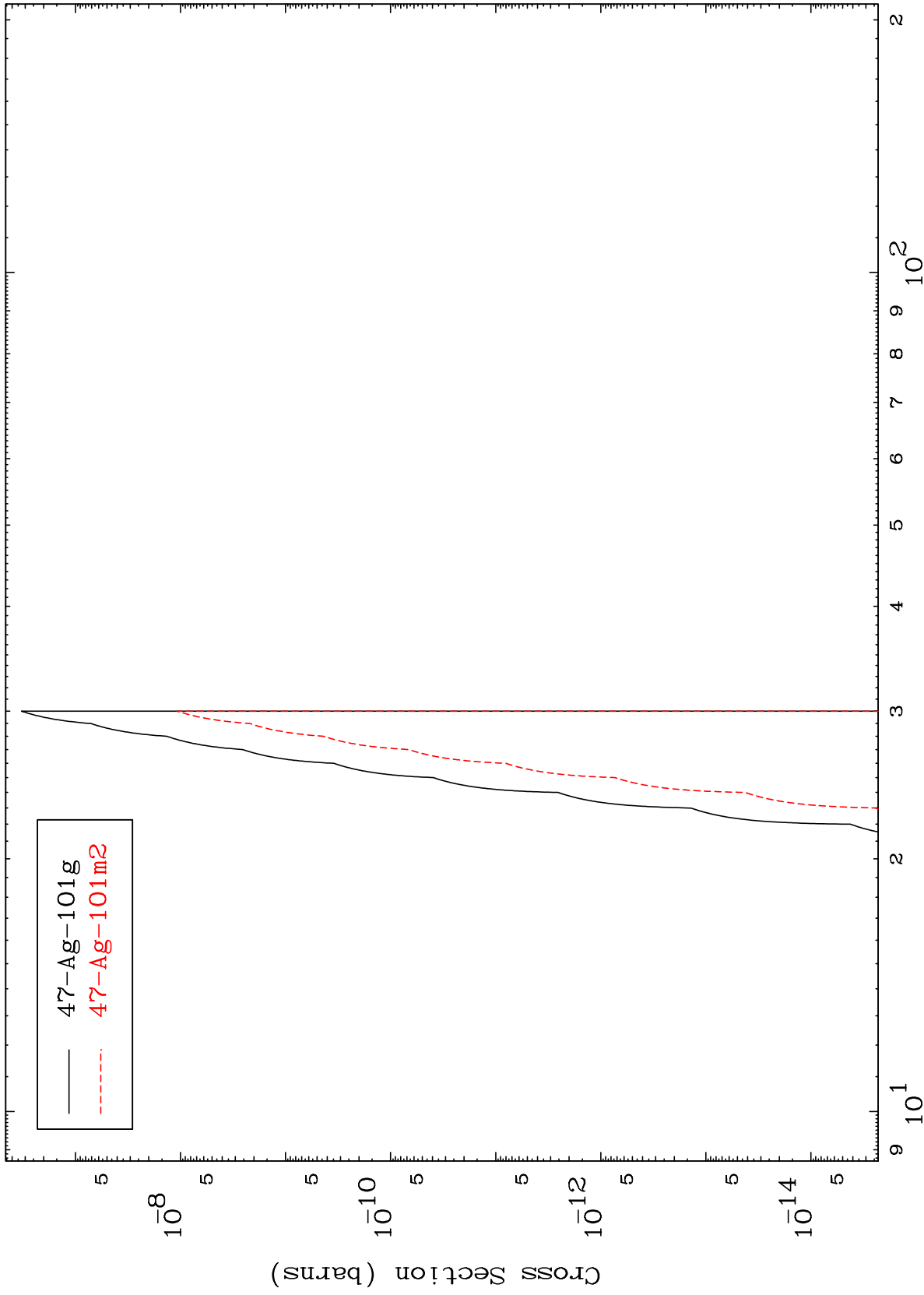
51-Sb-110

MAT 5092

(n,2n) 2 α

51-Sb-110

Radionuclide Production Cross Section



58

Incident Energy (MeV)

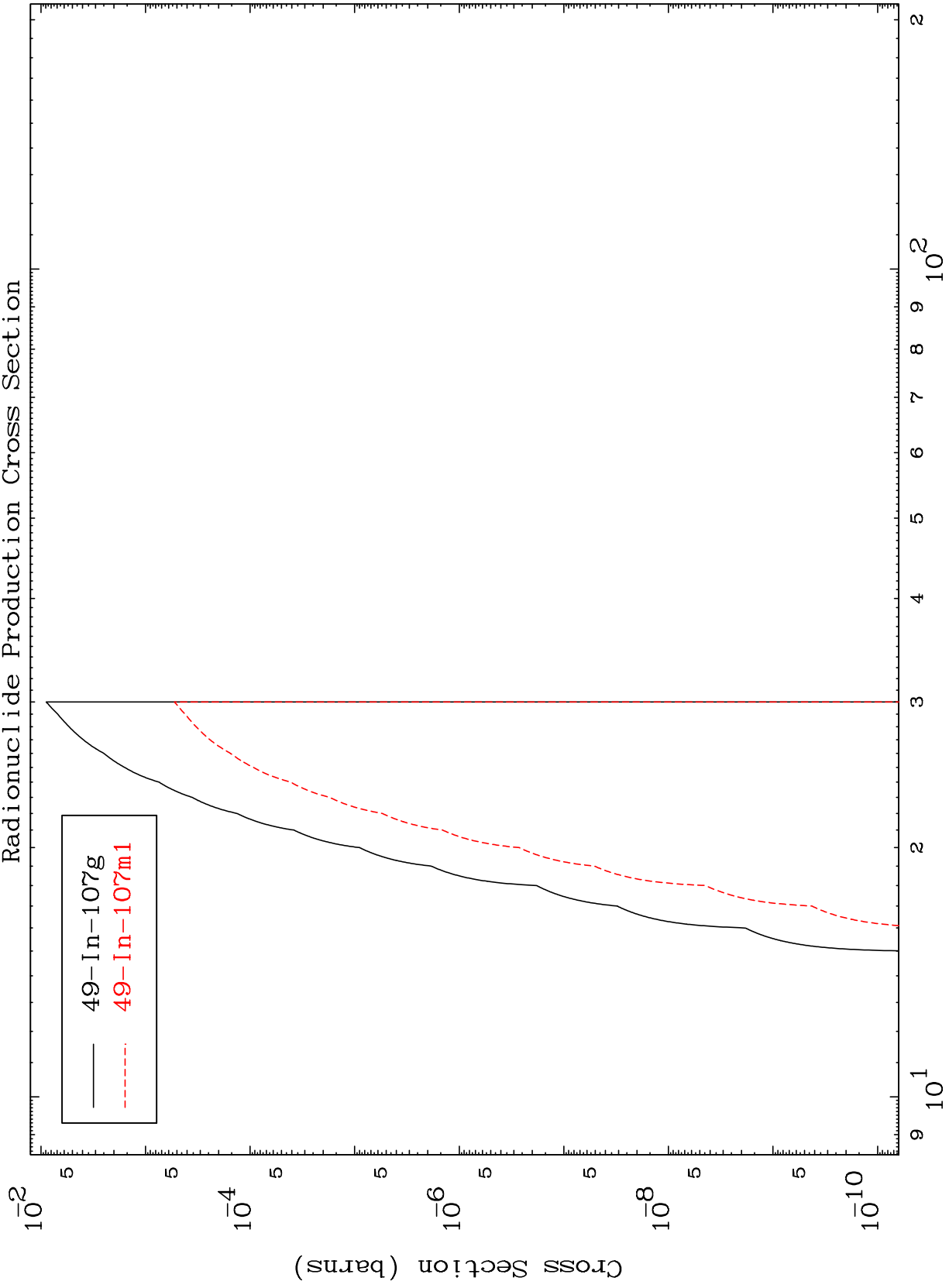
51-Sb-110

MAT 5092

(n, n') He-3

51-Sb-110

Radionuclide Production Cross Section



59

Incident Energy (MeV)

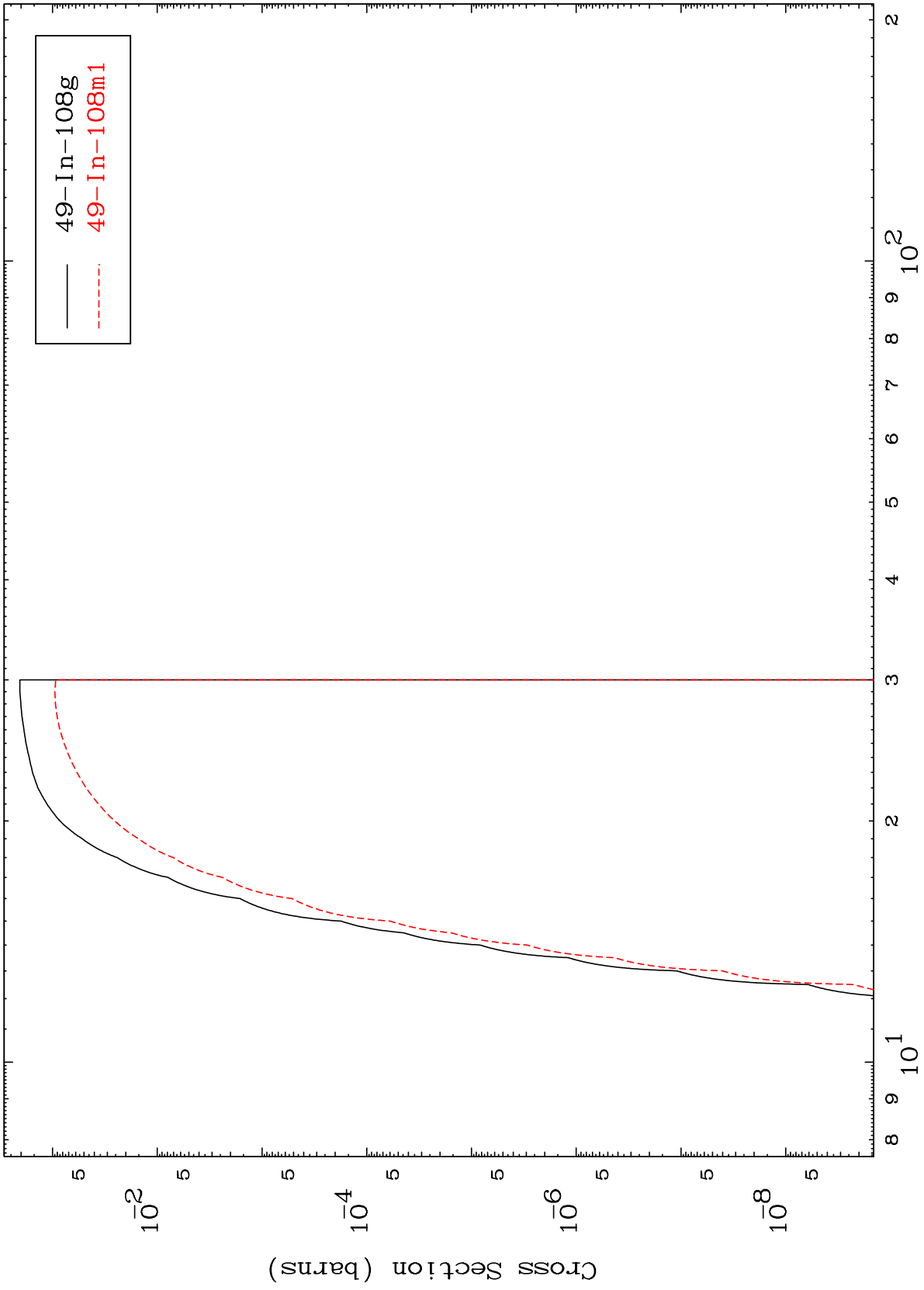
51-Sb-110

MAT 5092

(n,2n) p

51-Sb-110

Radionuclide Production Cross Section



60

Incident Energy (MeV)

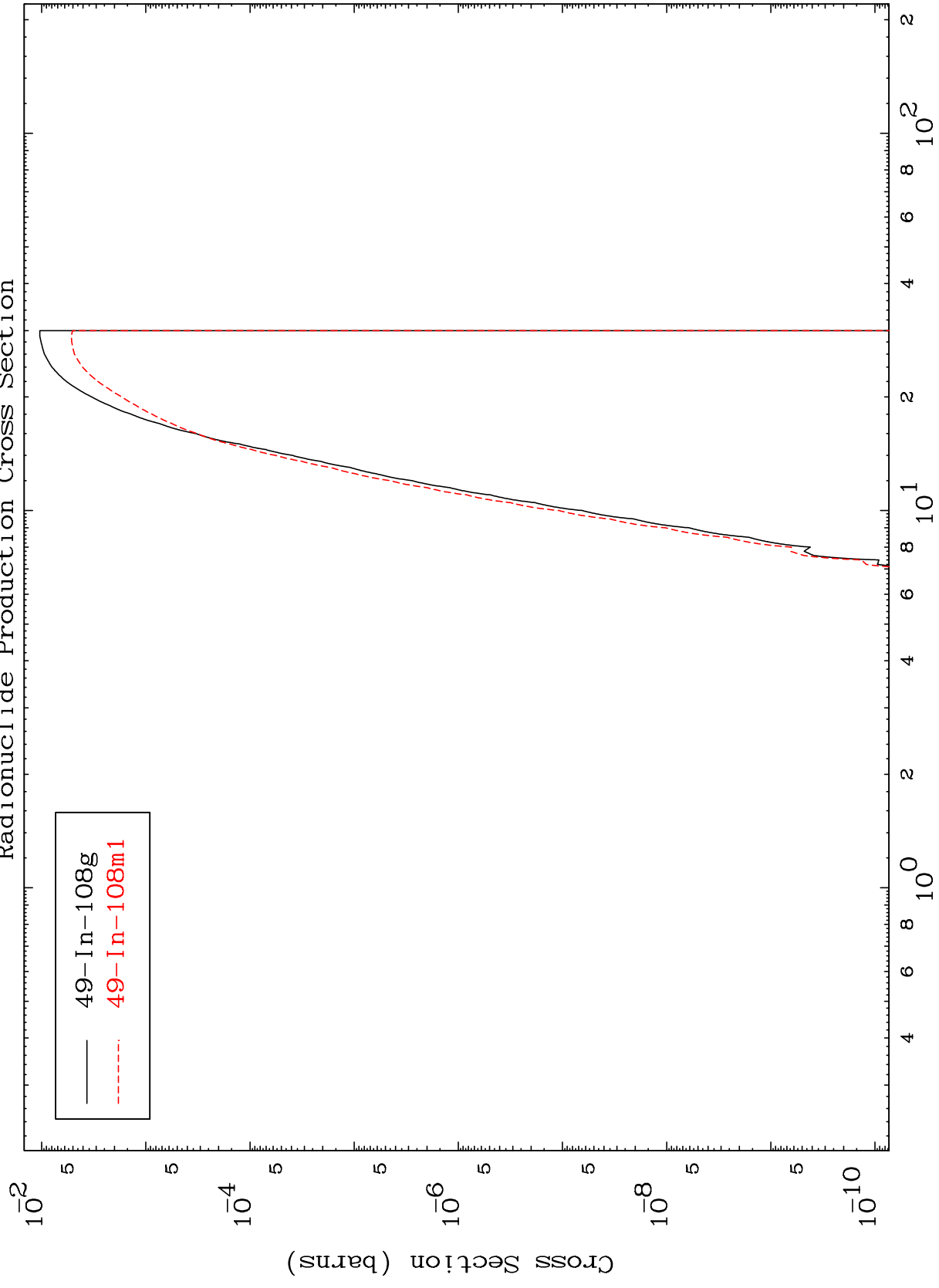
51-Sb-110

MAT 5092

(n, He-3)

51-Sb-110

Radionuclide Production Cross Section



49-In-108g
49-In-108m1

61

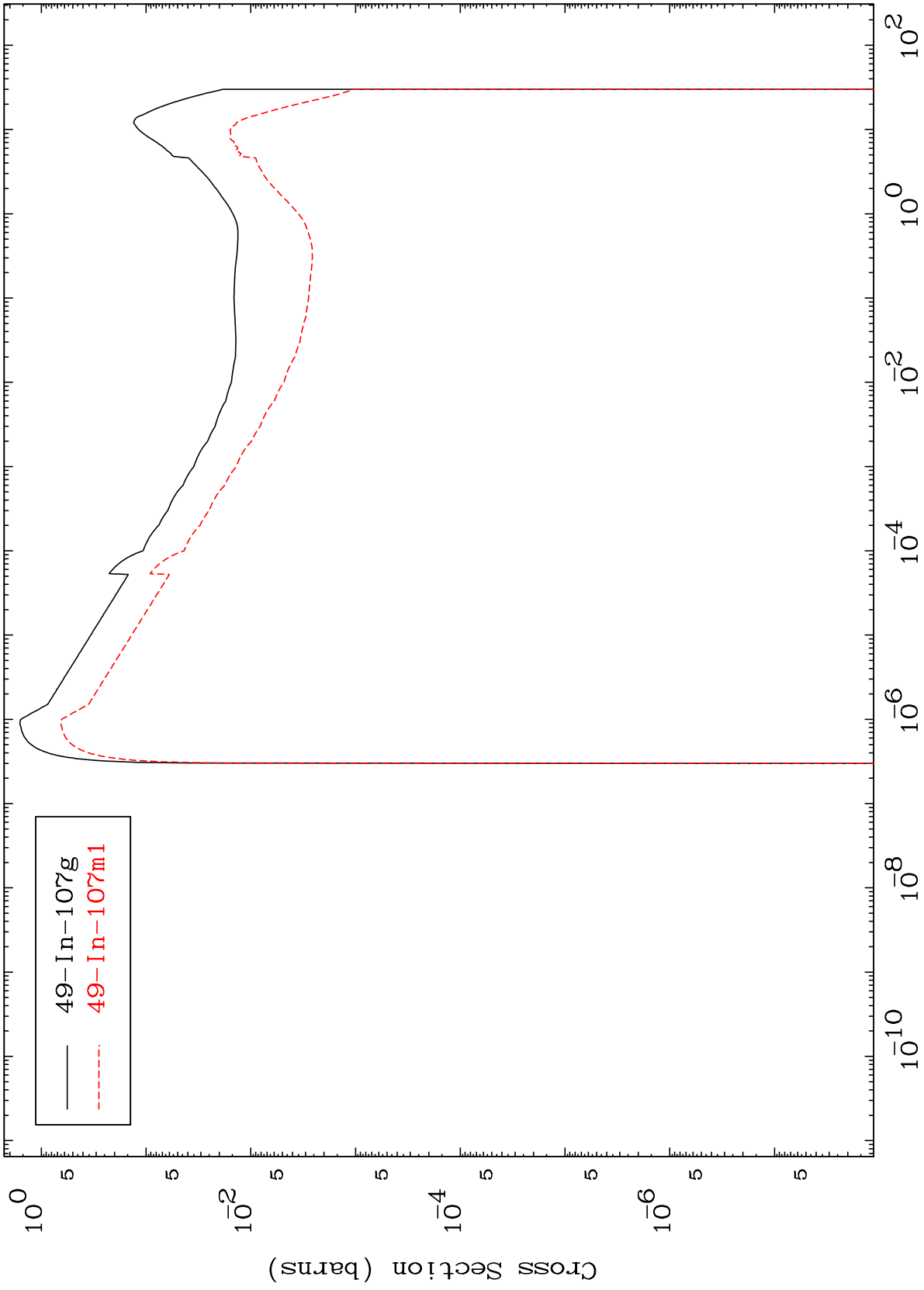
Incident Energy (MeV)

51-Sb-110

MAT 5092

51-Sb-110

Radionuclide Production Cross Section



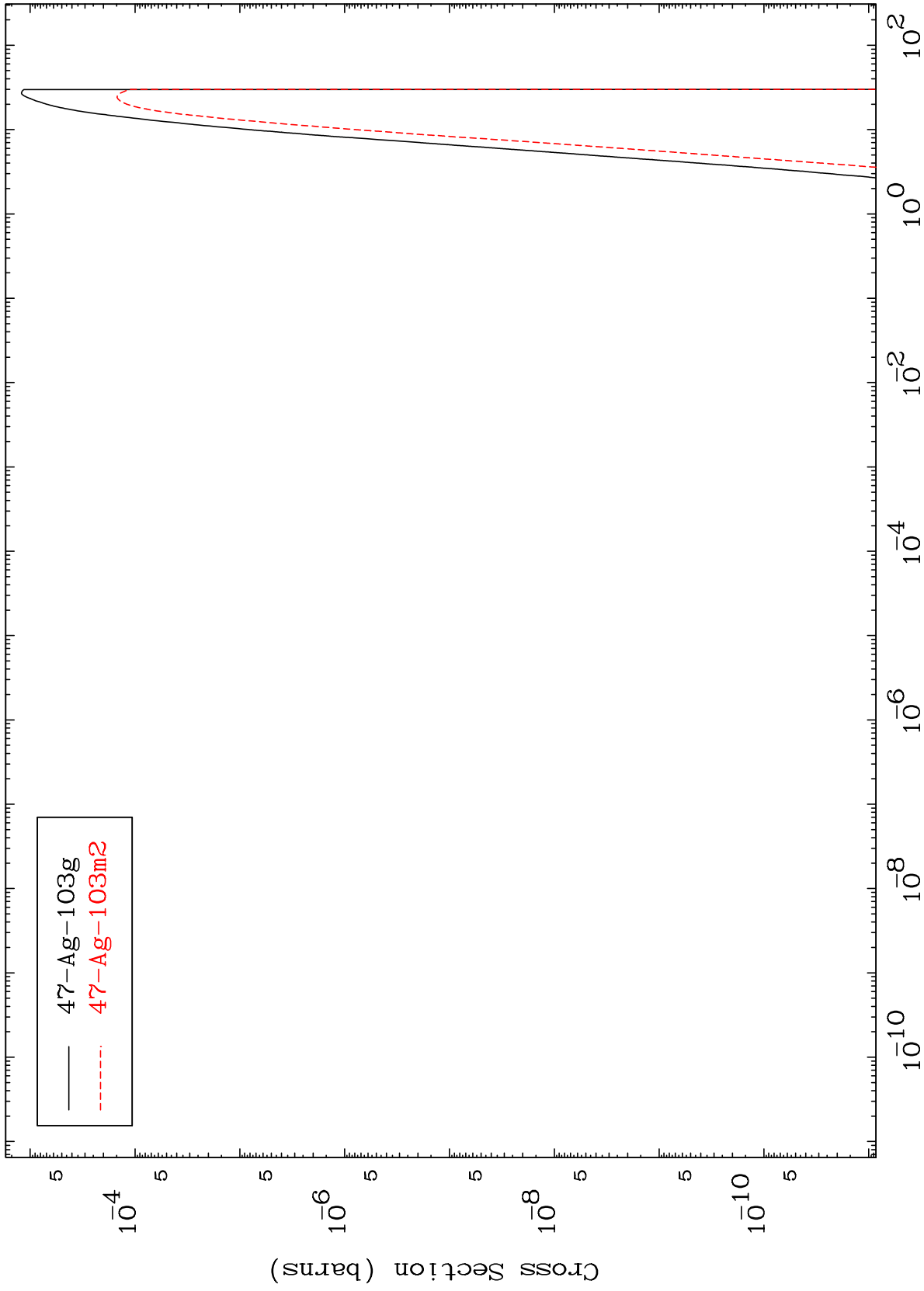
62

MAT 5092

(n,2α)

51-Sb-110

Radionuclide Production Cross Section



63

Incident Energy (MeV)

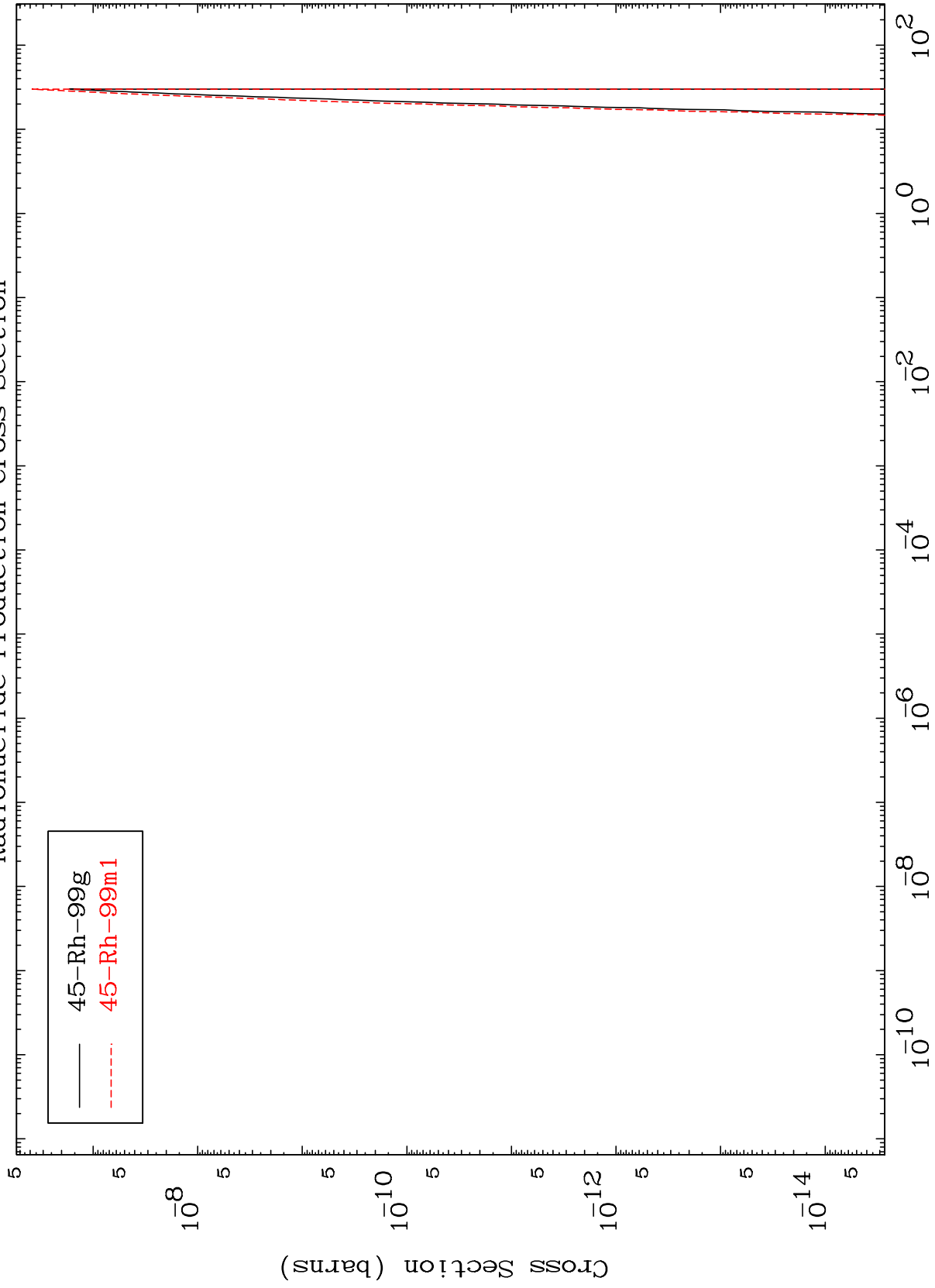
51-Sb-110

MAT 5092

(n,3α)

51-Sb-110

Radionuclide Production Cross Section



64

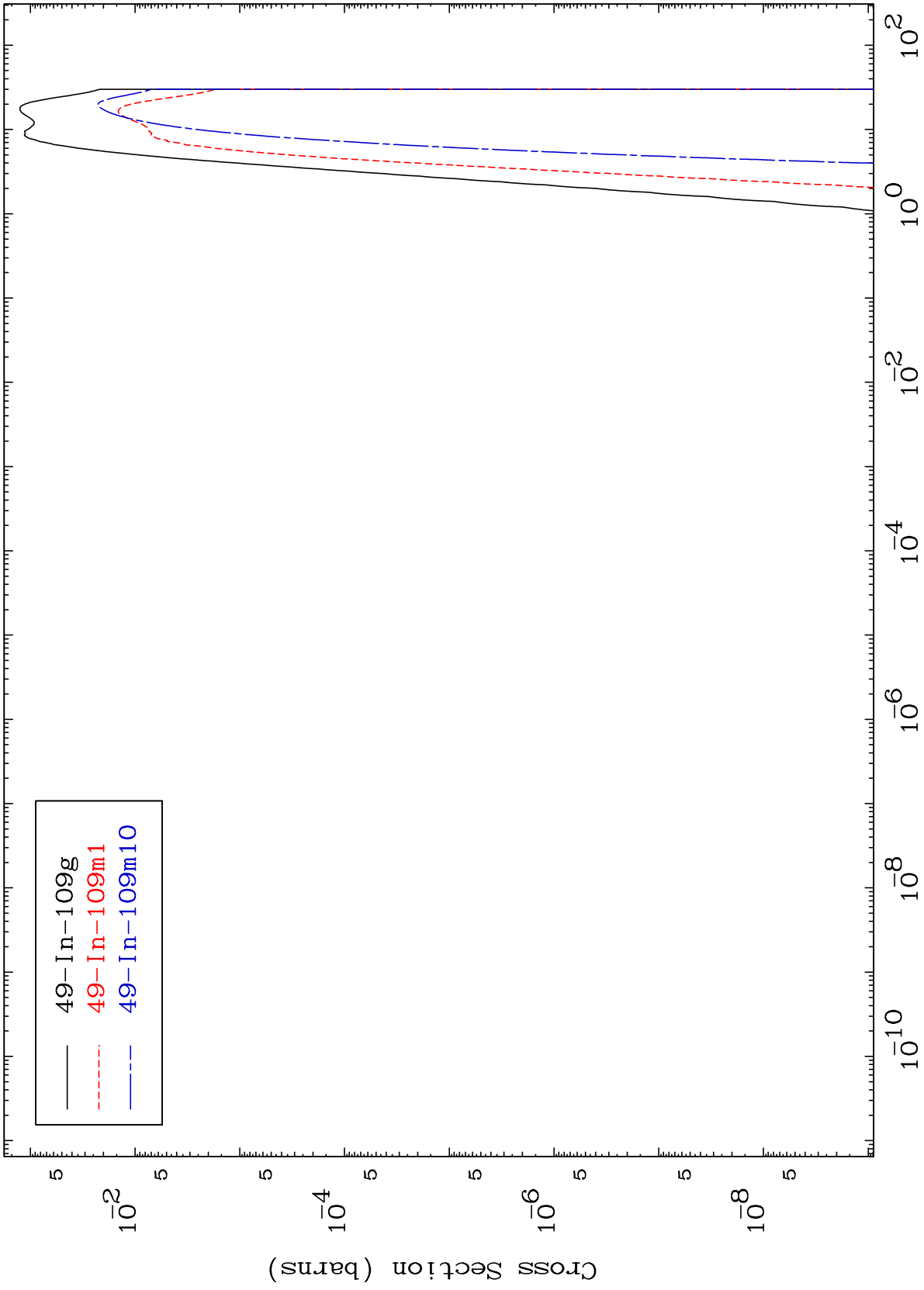
Incident Energy (MeV)

51-Sb-110

MAT 5092

Radionuclide Production Cross Section
(n,2p)

51-Sb-110



65

Incident Energy (MeV)

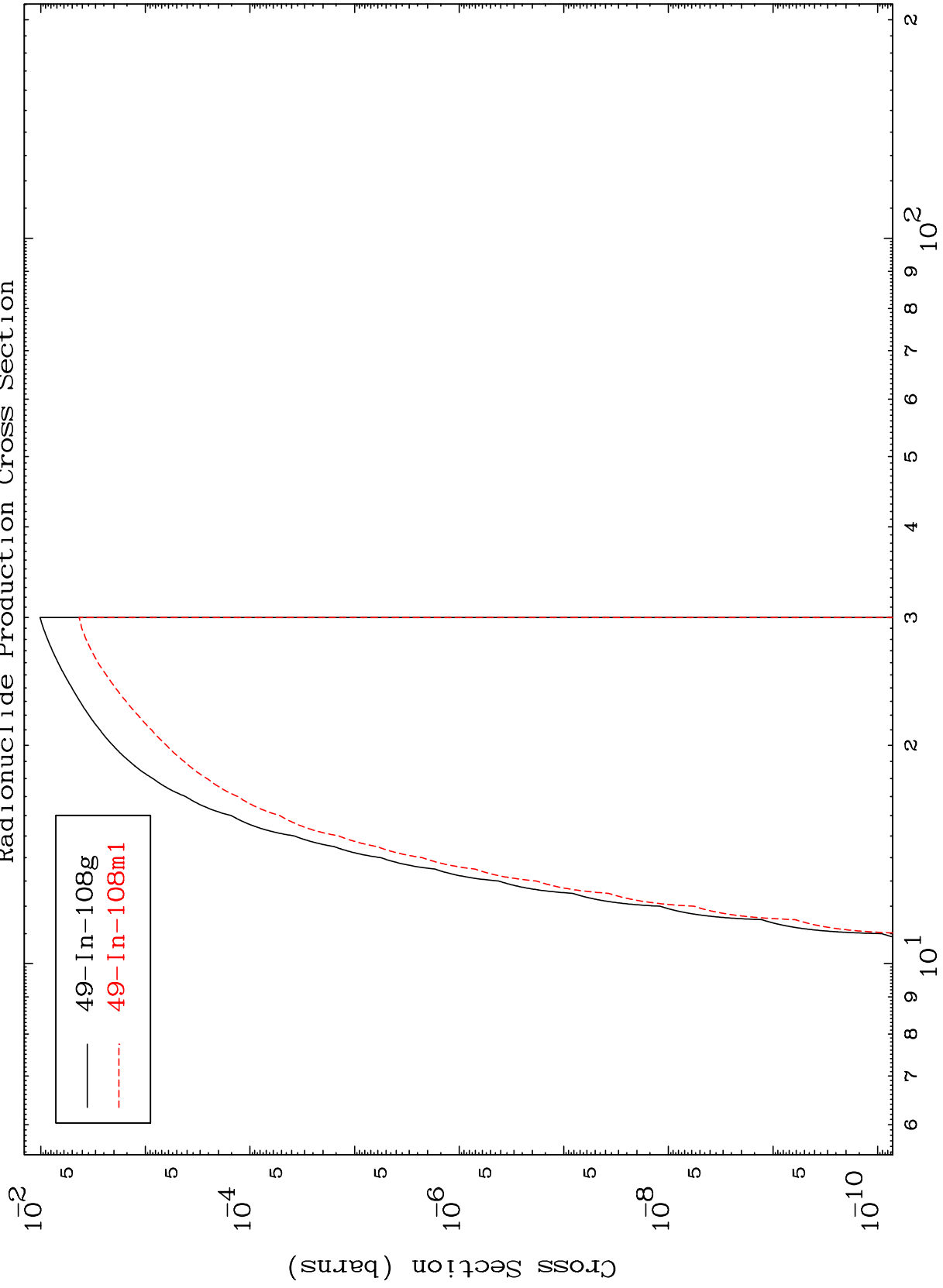
51-Sb-110

MAT 5092

(n,p) d

51-Sb-110

Radionuclide Production Cross Section



49-In-108g
49-In-108ml

66

Incident Energy (MeV)

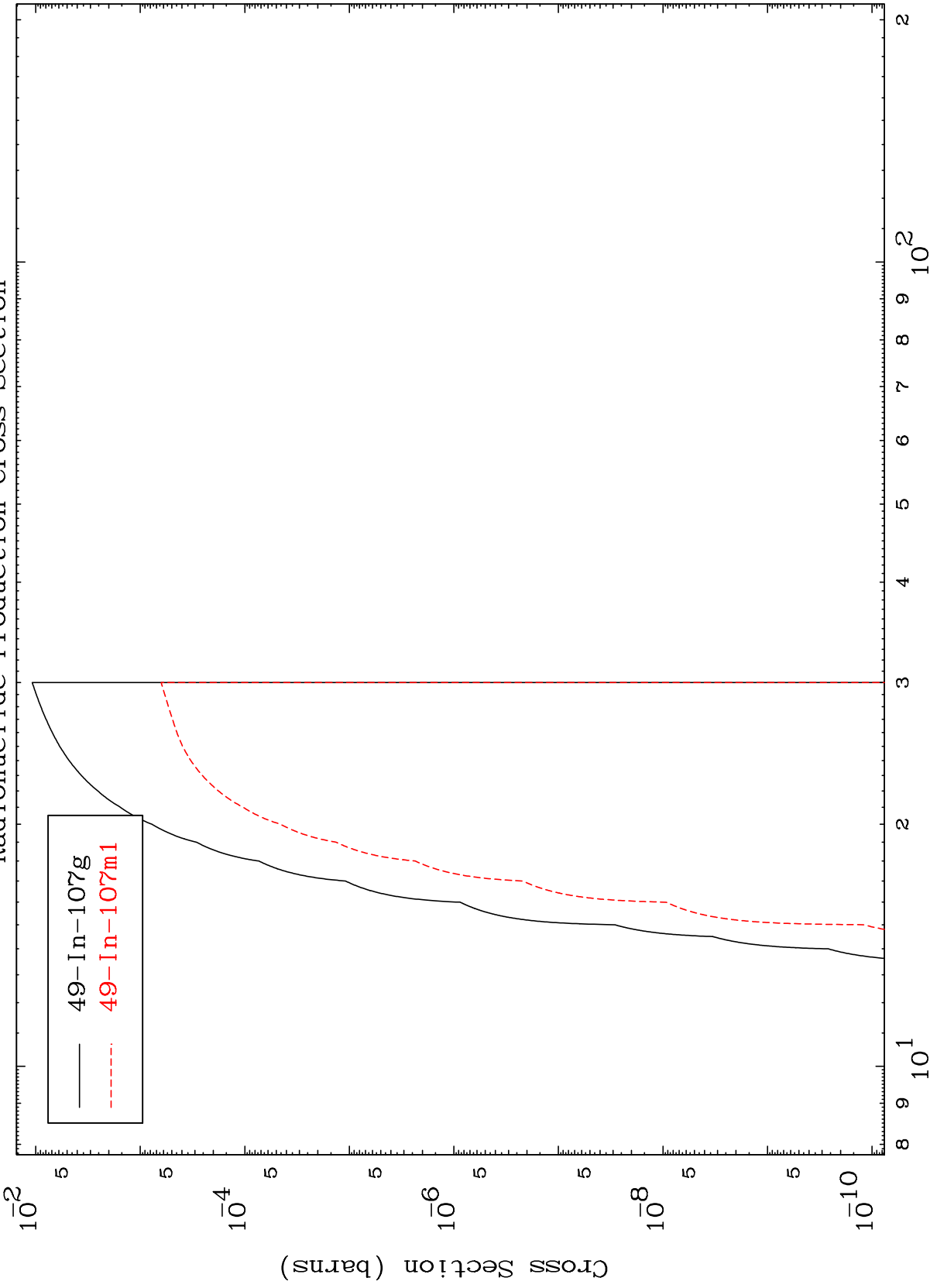
51-Sb-110

MAT 5092

(n,p) t

51-Sb-110

Radionuclide Production Cross Section



67

Incident Energy (MeV)

51-Sb-110