

Program EVALPLOT
(Version 2018-1)

by

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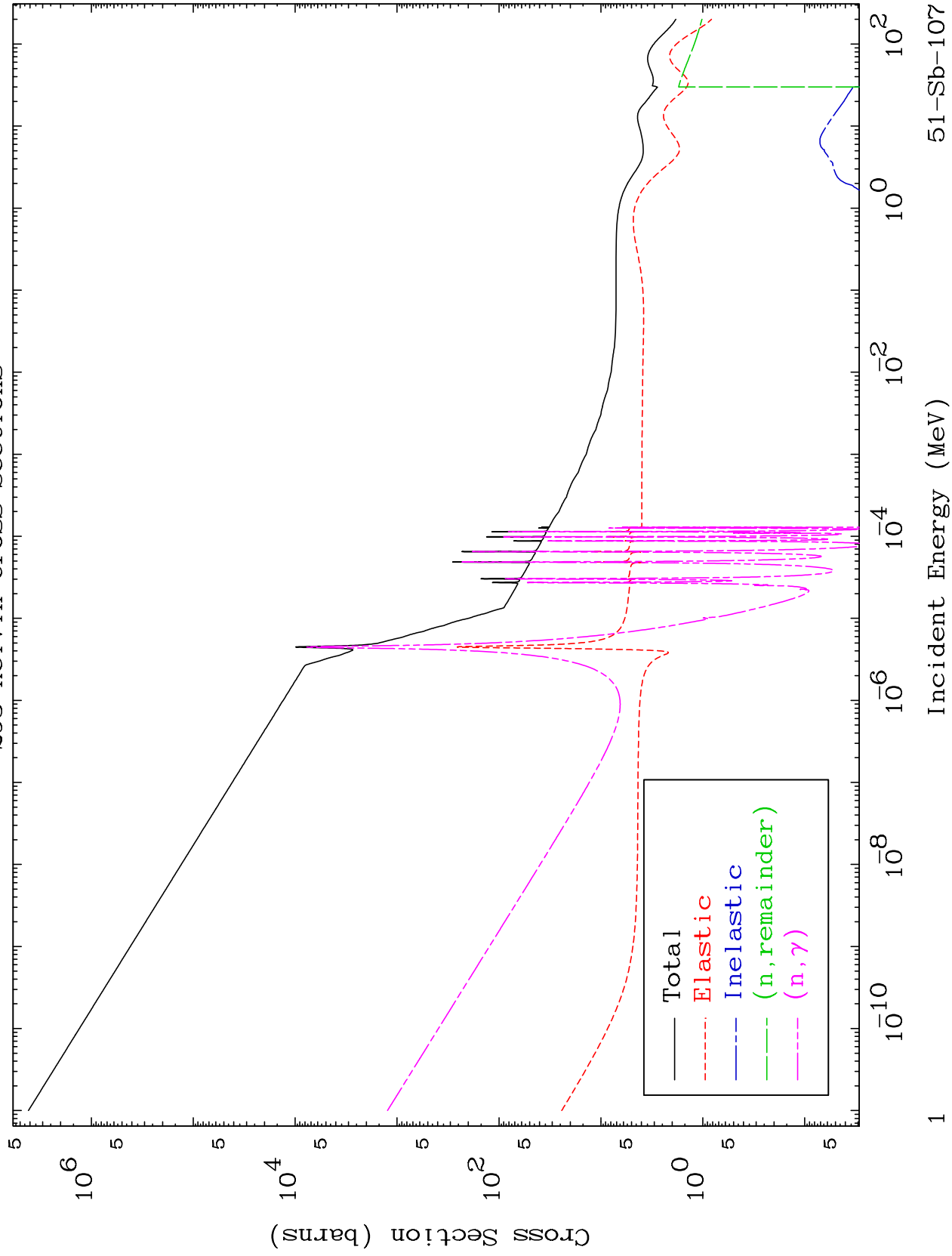
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5083

Major
293 Kelvin Cross Sections

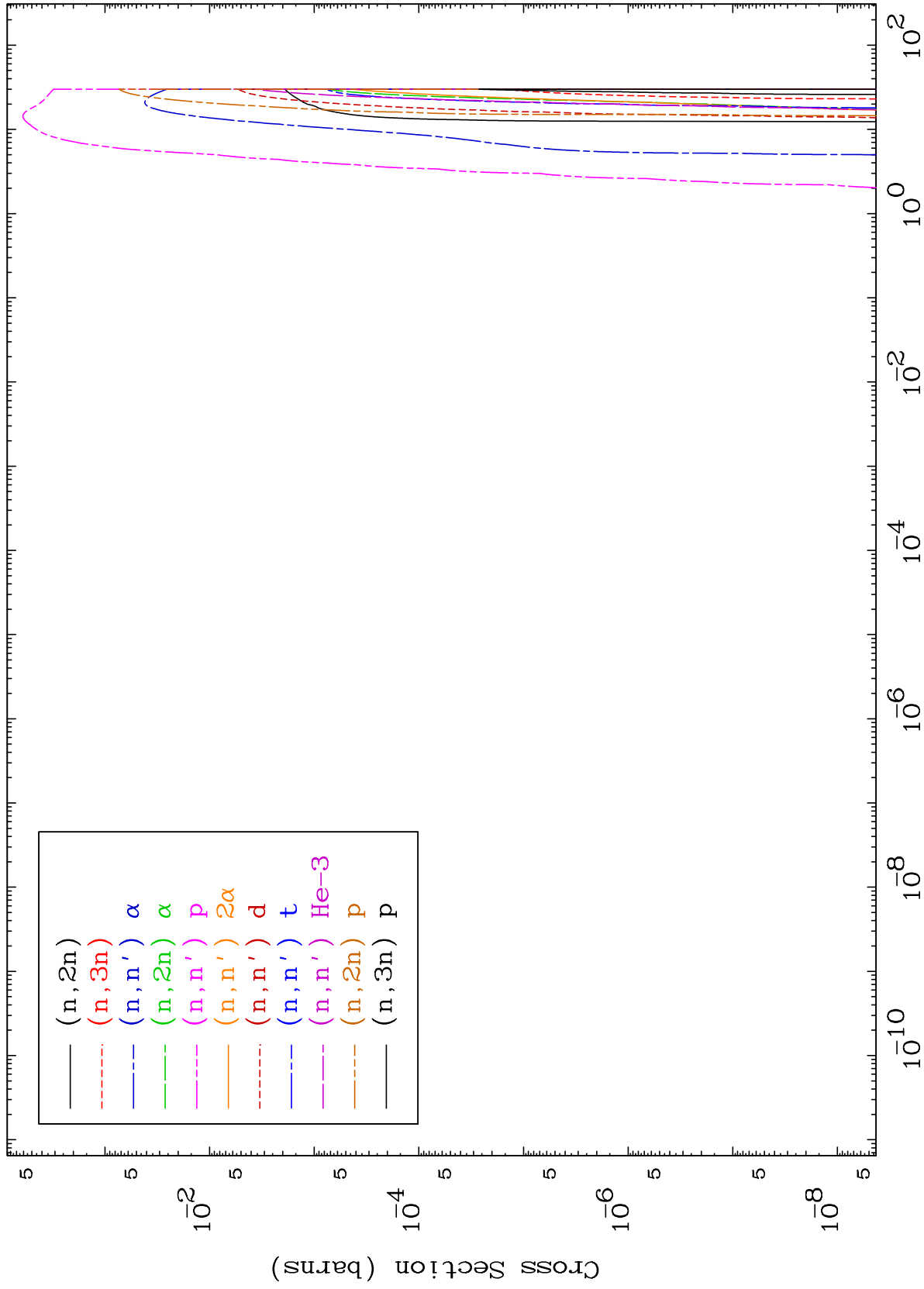
51-Sb-107



MAT 5083

Neutron Production
293 Kelvin Cross Sections

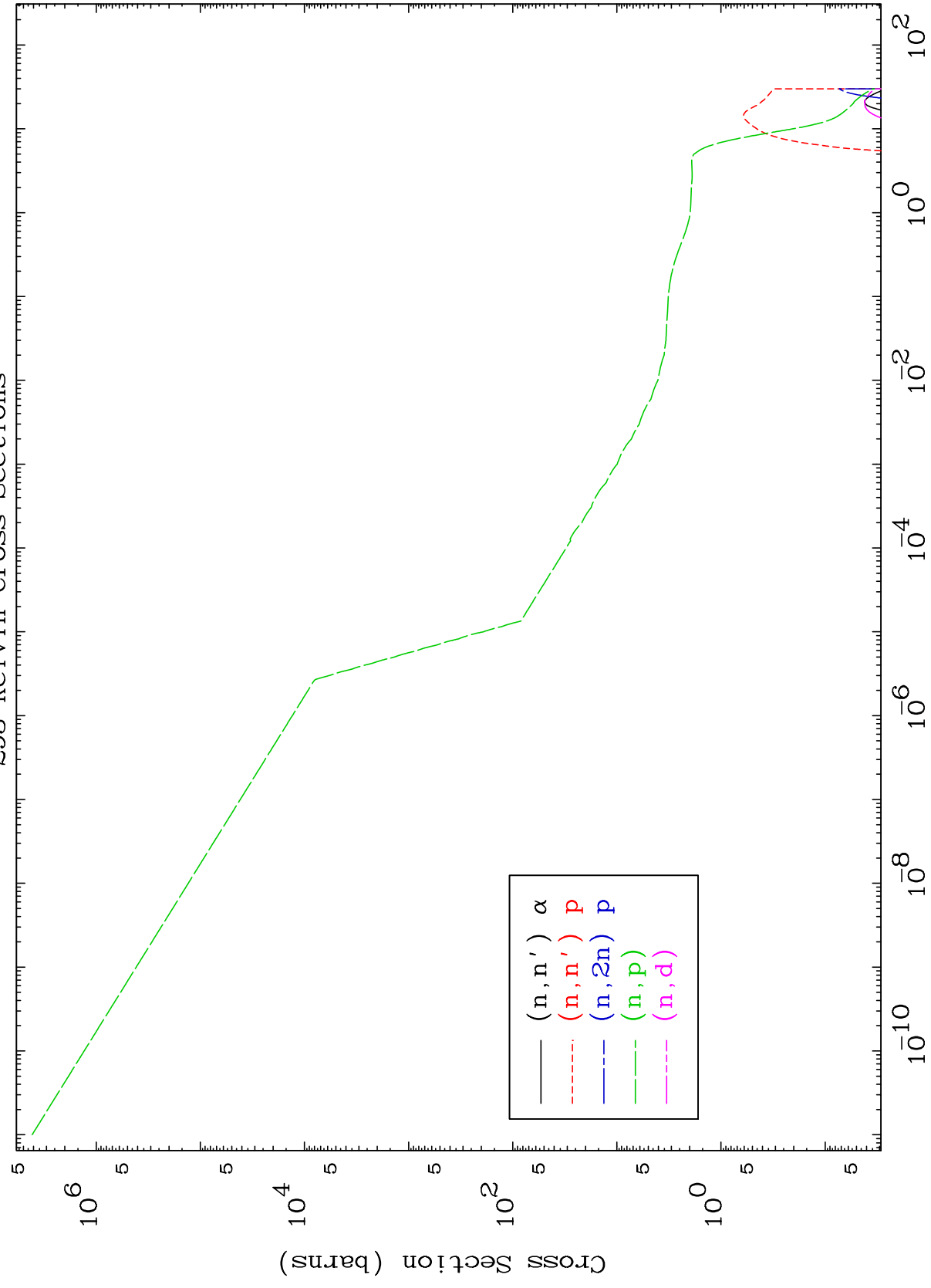
51-Sb-107



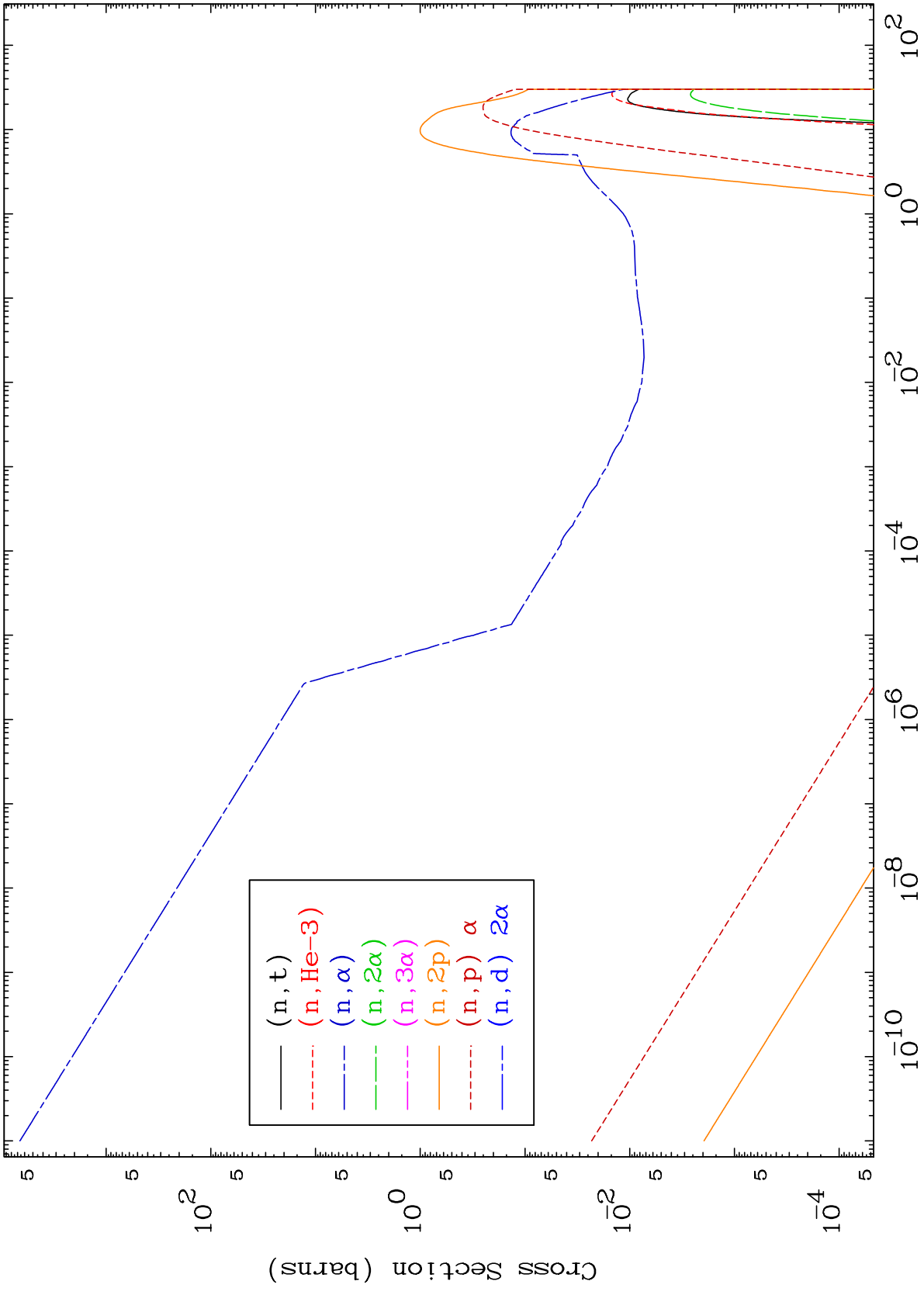
MAT 5083

Charged Particle
293 Kelvin Cross Sections

51-Sb-107



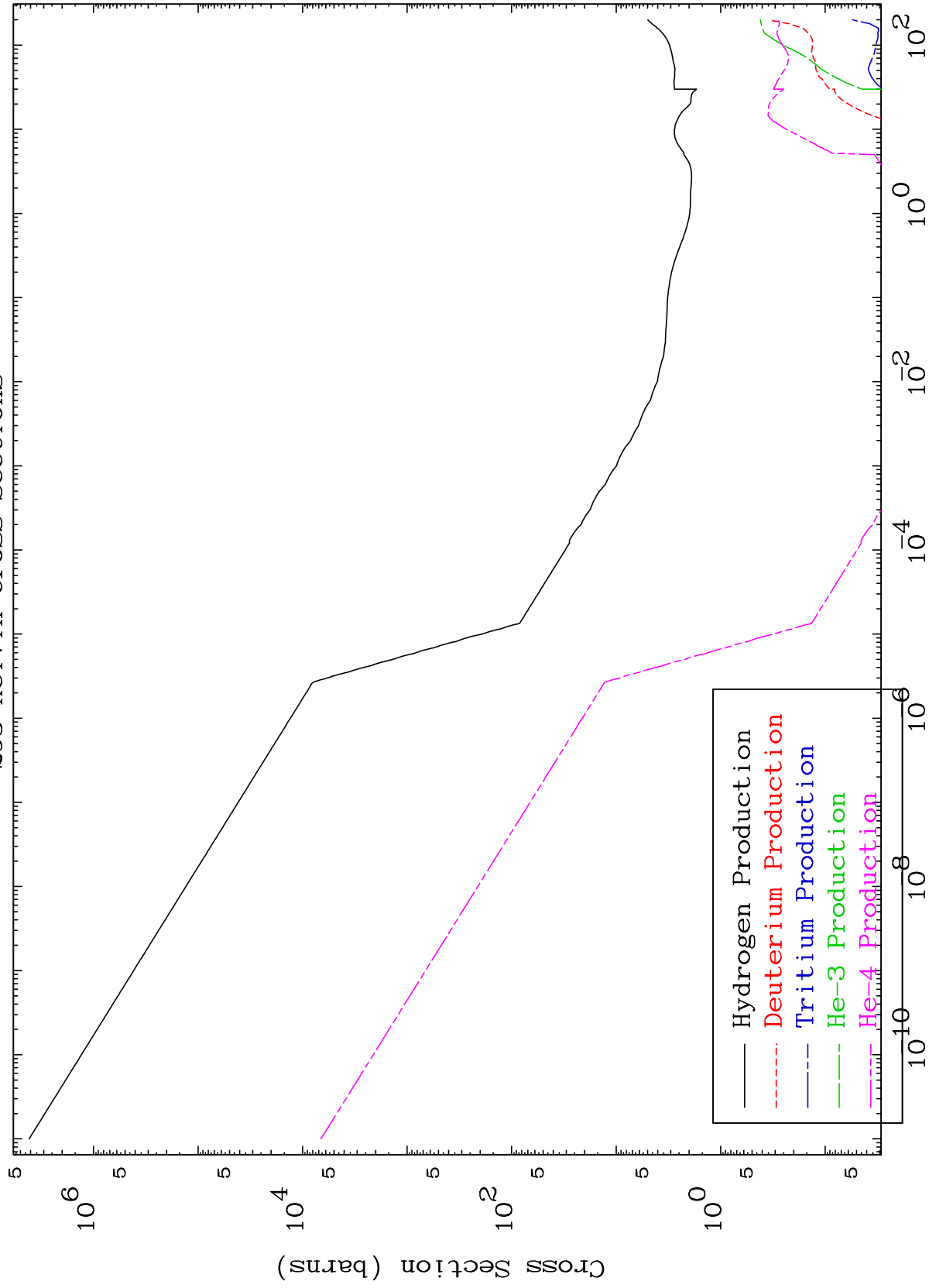
51-Sb-107



MAT 5083

Particle Production
293 Kelvin Cross Sections

51-Sb-107



5

Incident Energy (MeV)

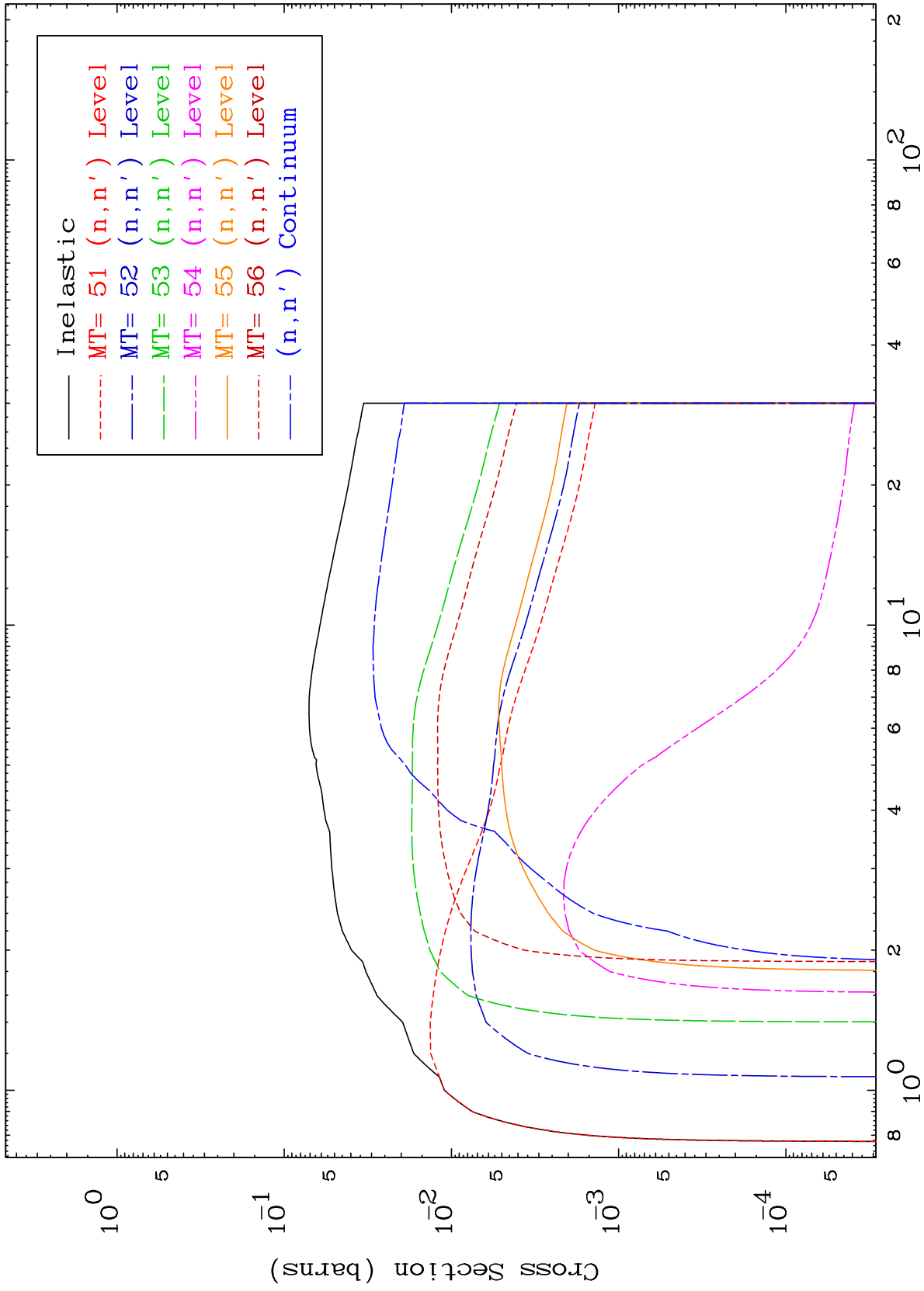
51-Sb-107

MAT 5083

(n,n') Level

51-Sb-107

293 Kelvin Cross Sections



6

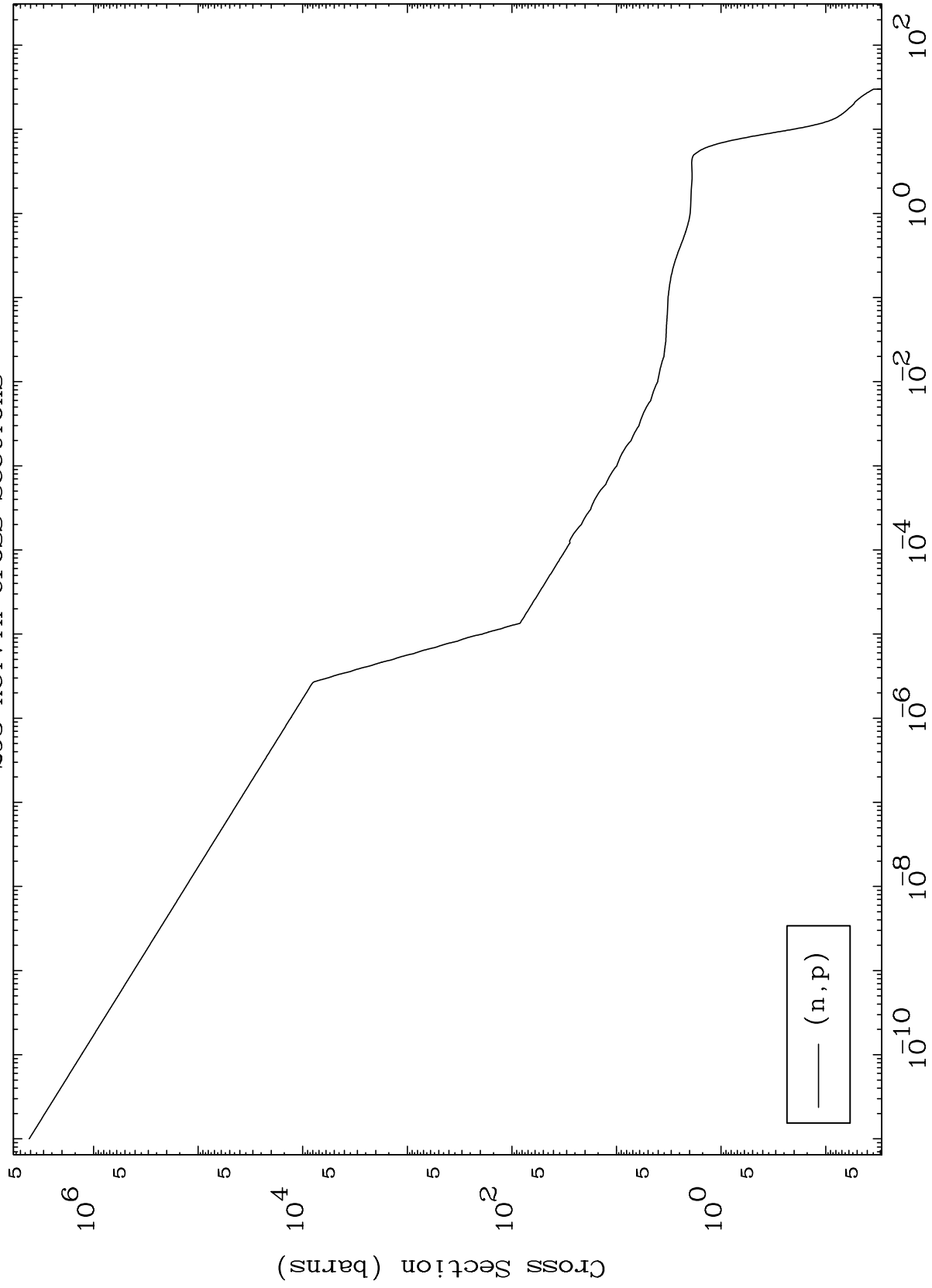
Incident Energy (MeV)

51-Sb-107

MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-107



7

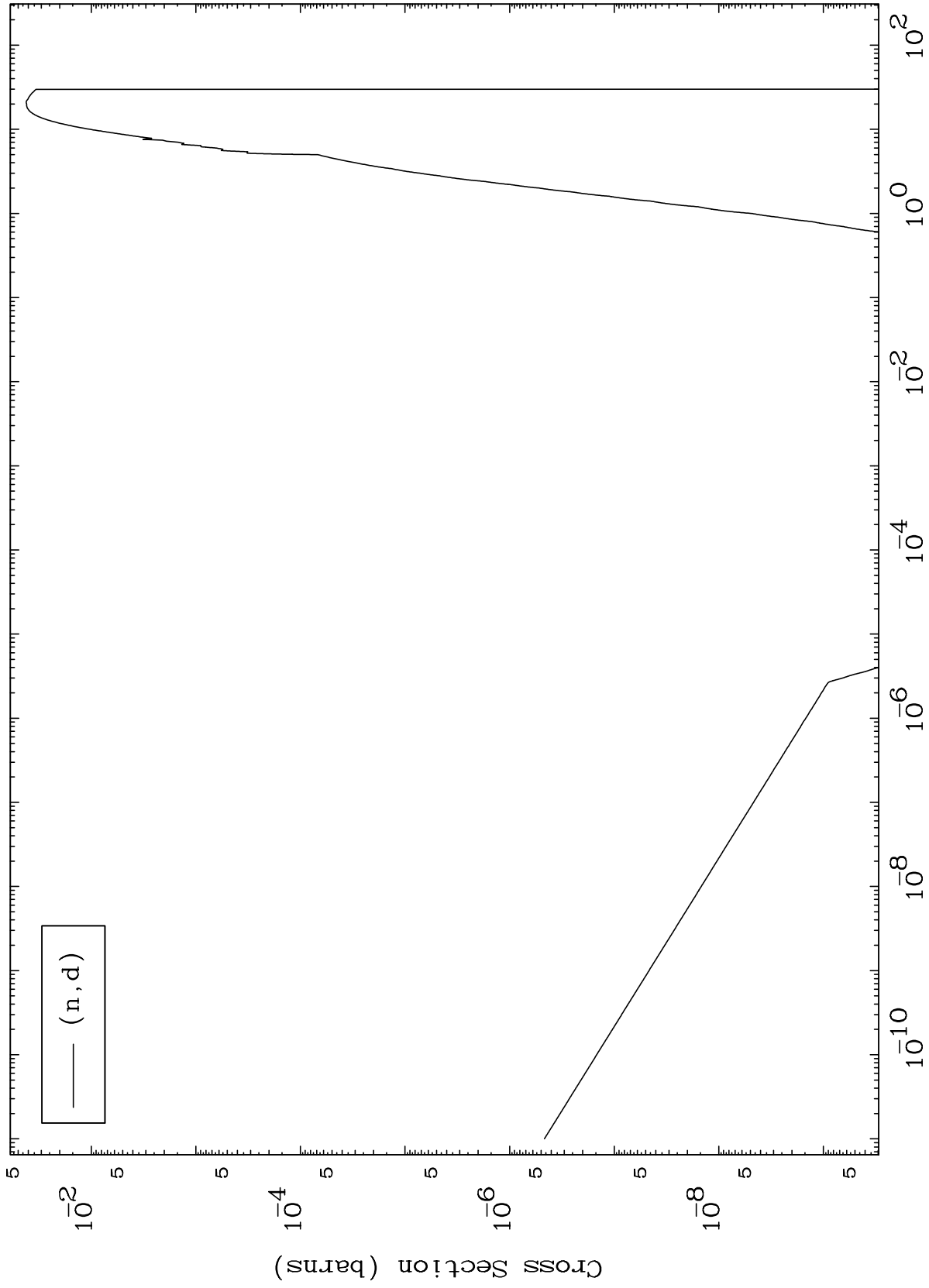
Incident Energy (MeV)

51-Sb-107

MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

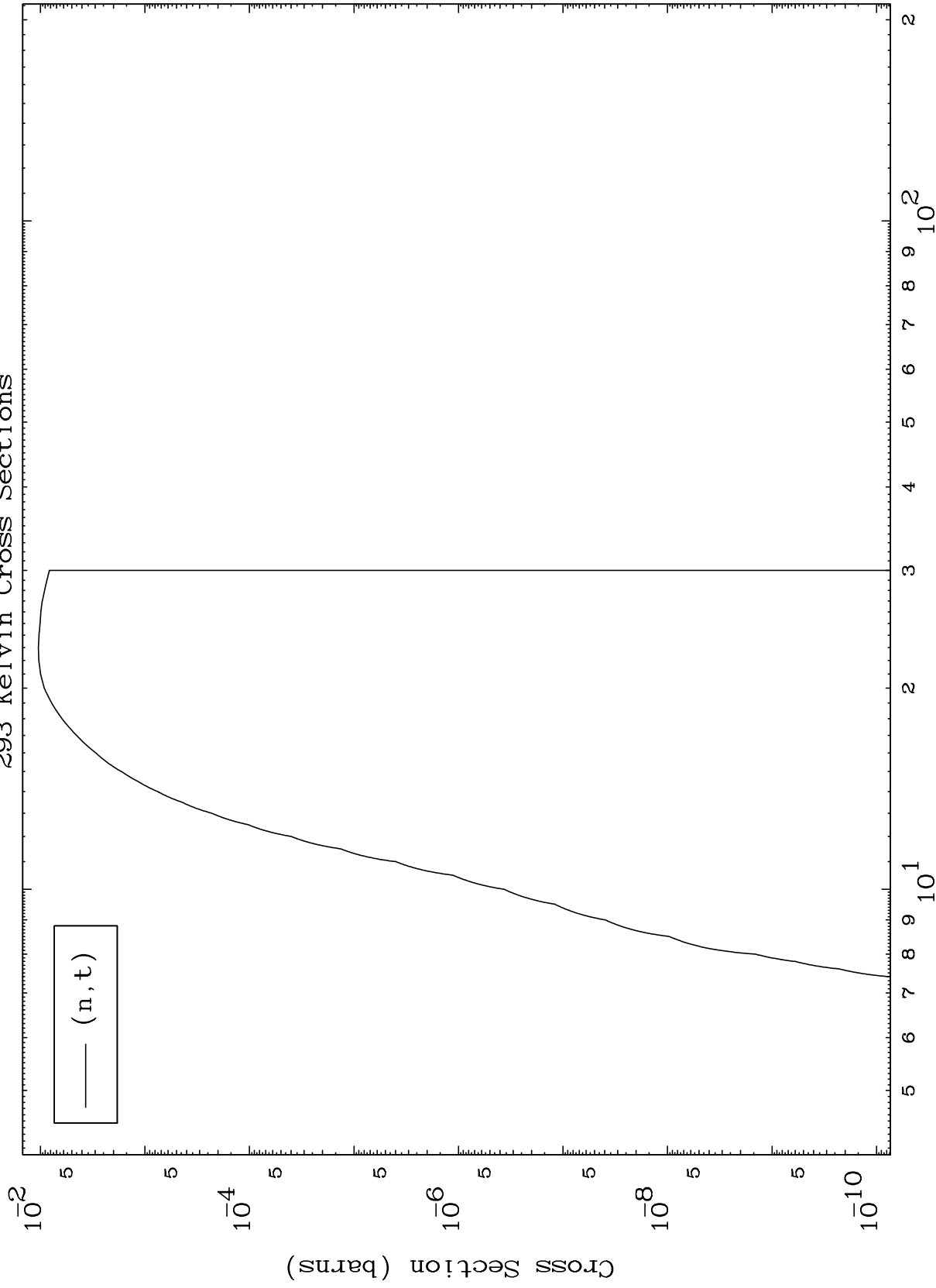
51-Sb-107



MAT 5083

(n,t) Levels
293 Kelvin Cross Sections

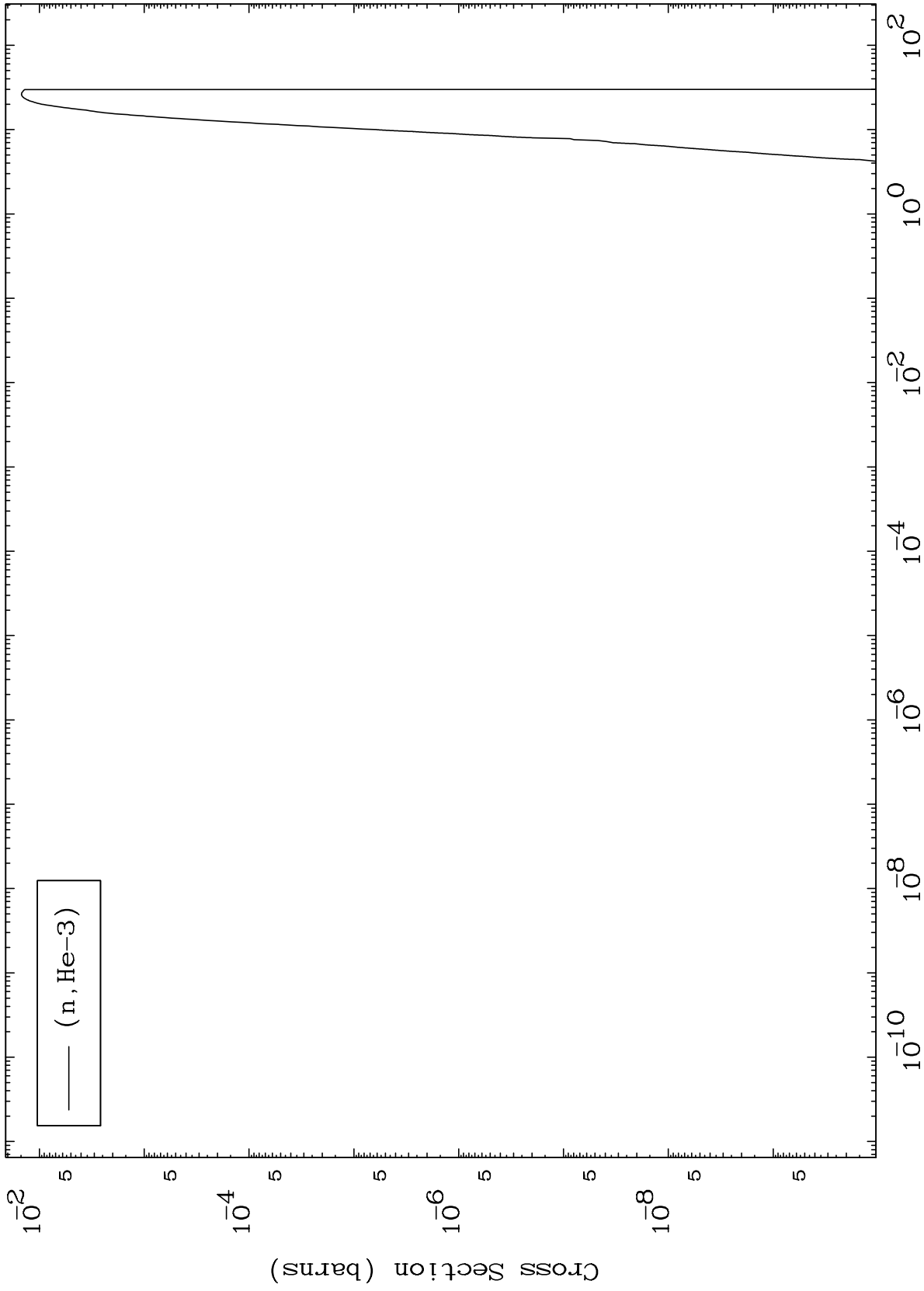
51-Sb-107



MAT 5083

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-107



10

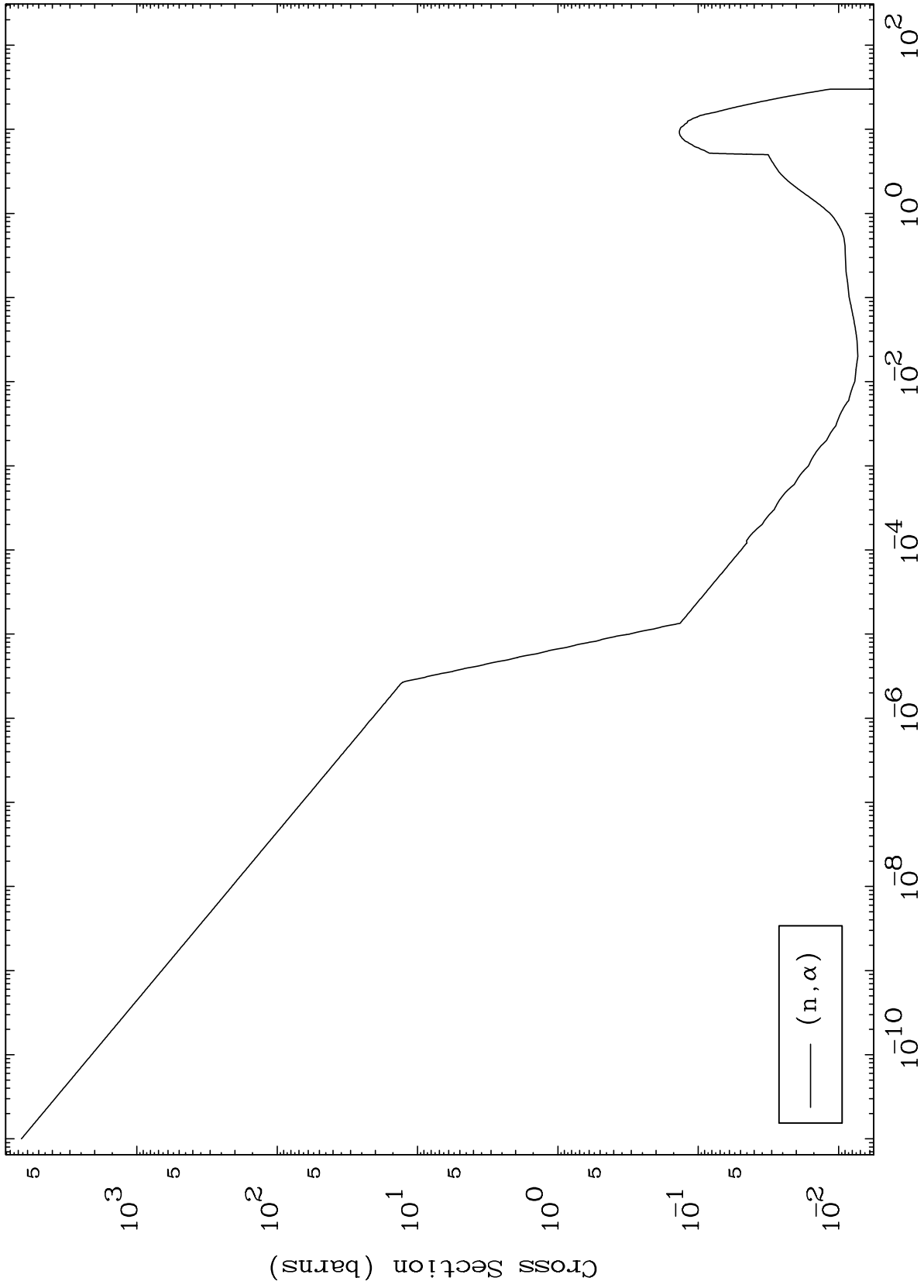
Incident Energy (MeV)

51-Sb-107

MAT 5083

(n,α) Levels
293 Kelvin Cross Sections

51-Sb-107

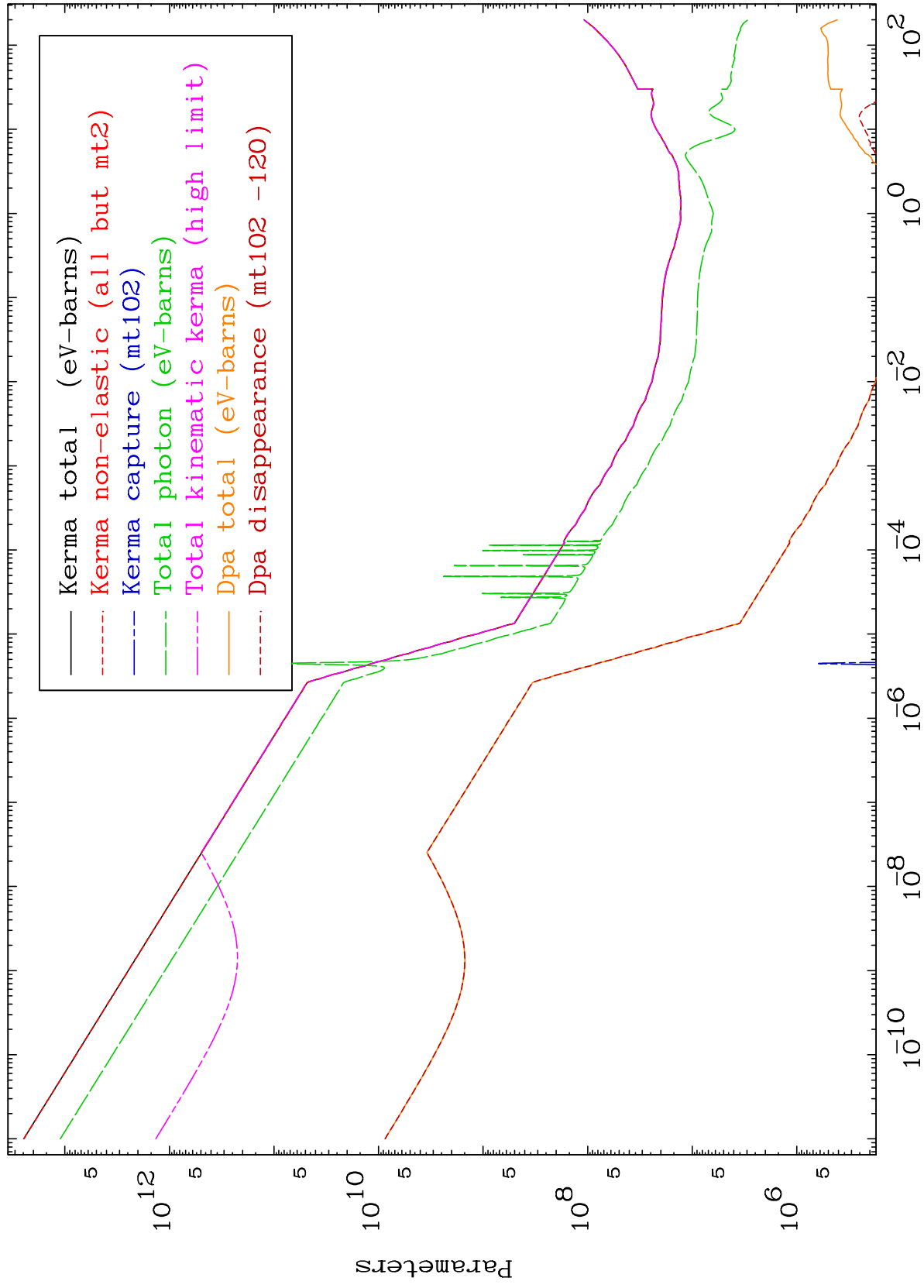


11

Incident Energy (MeV)

51-Sb-107

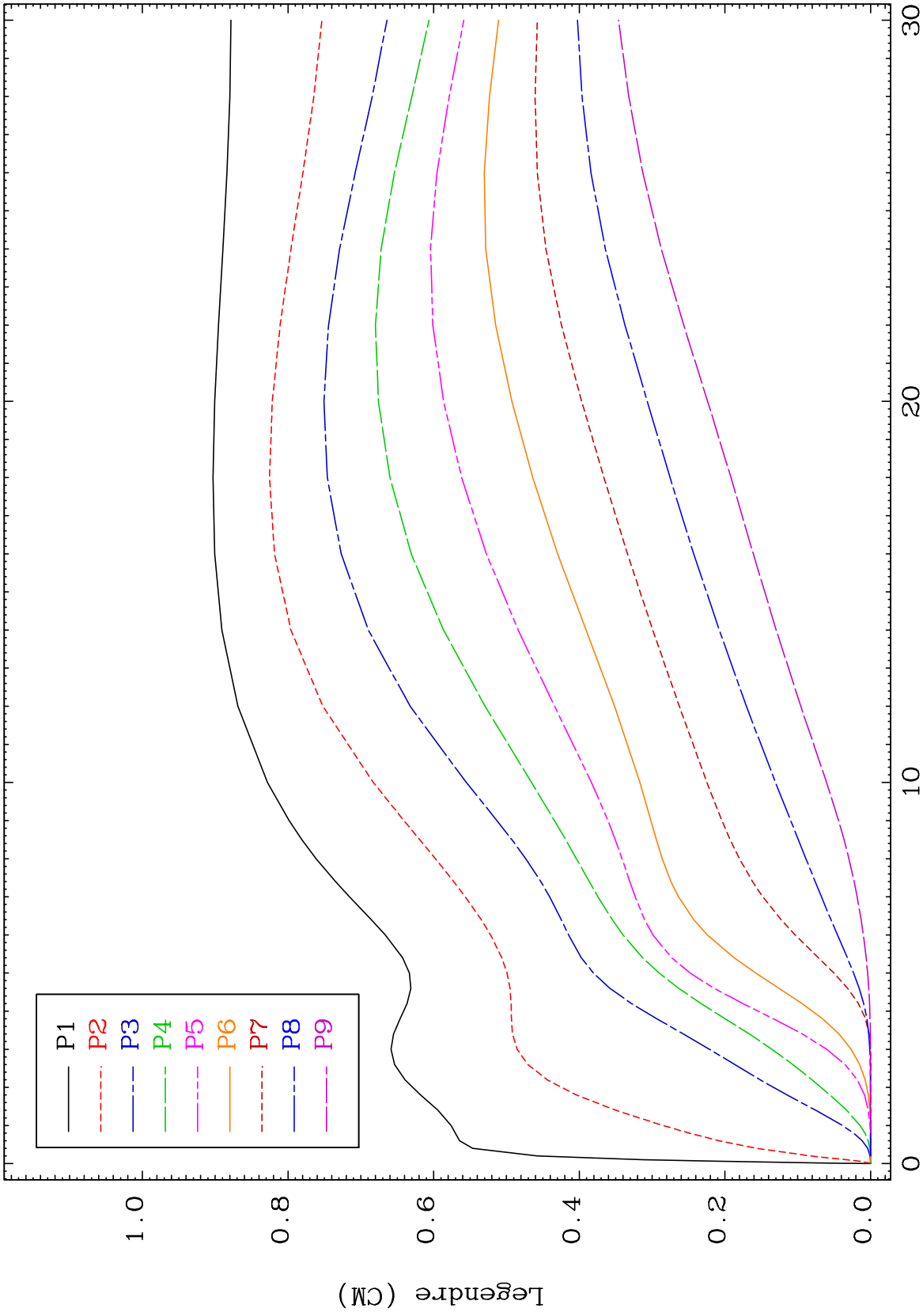
— (n,α)



MAT 5083

Elastic Legendre Coefficients

51-Sb-107



13

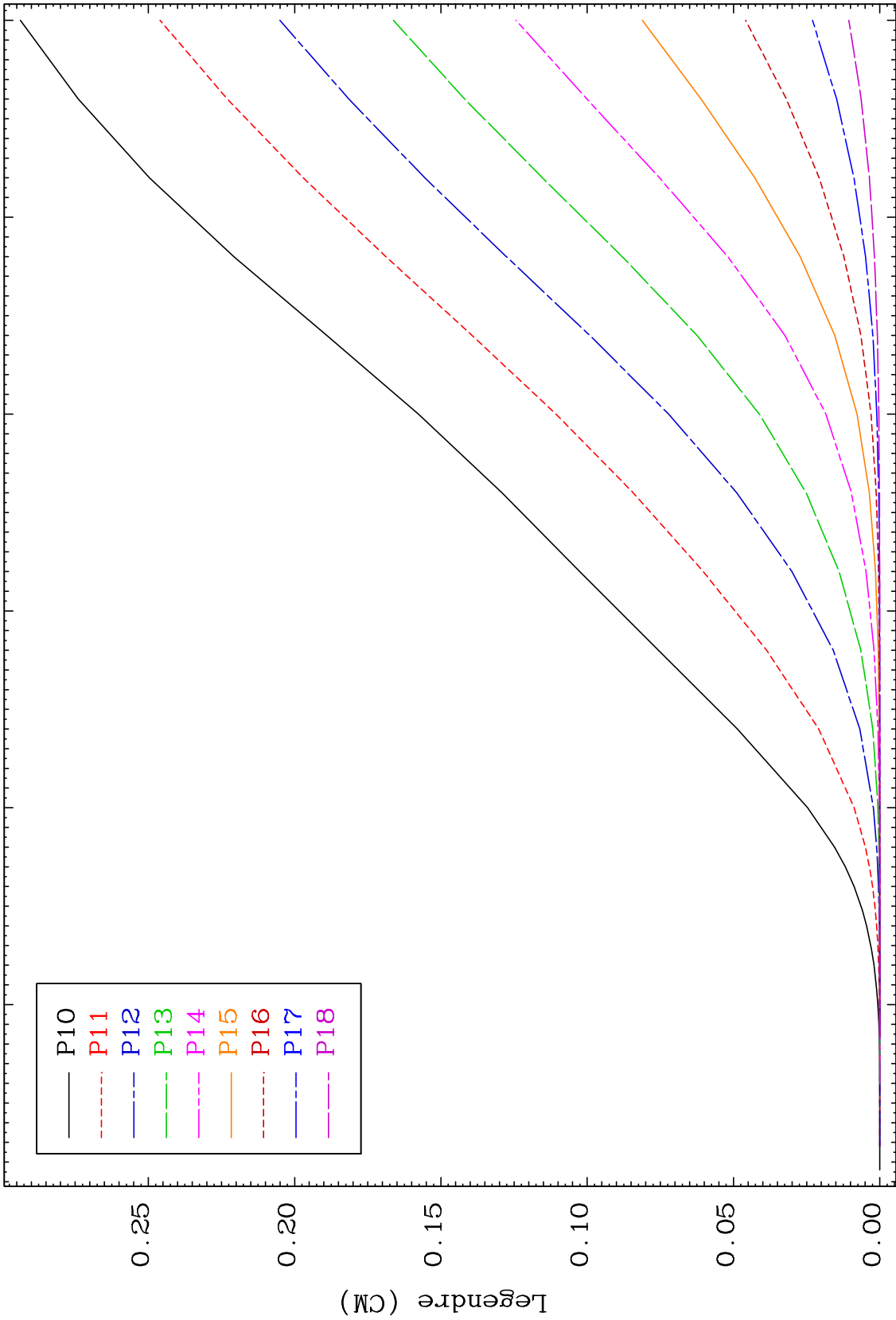
Incident Energy (MeV)

51-Sb-107

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



14

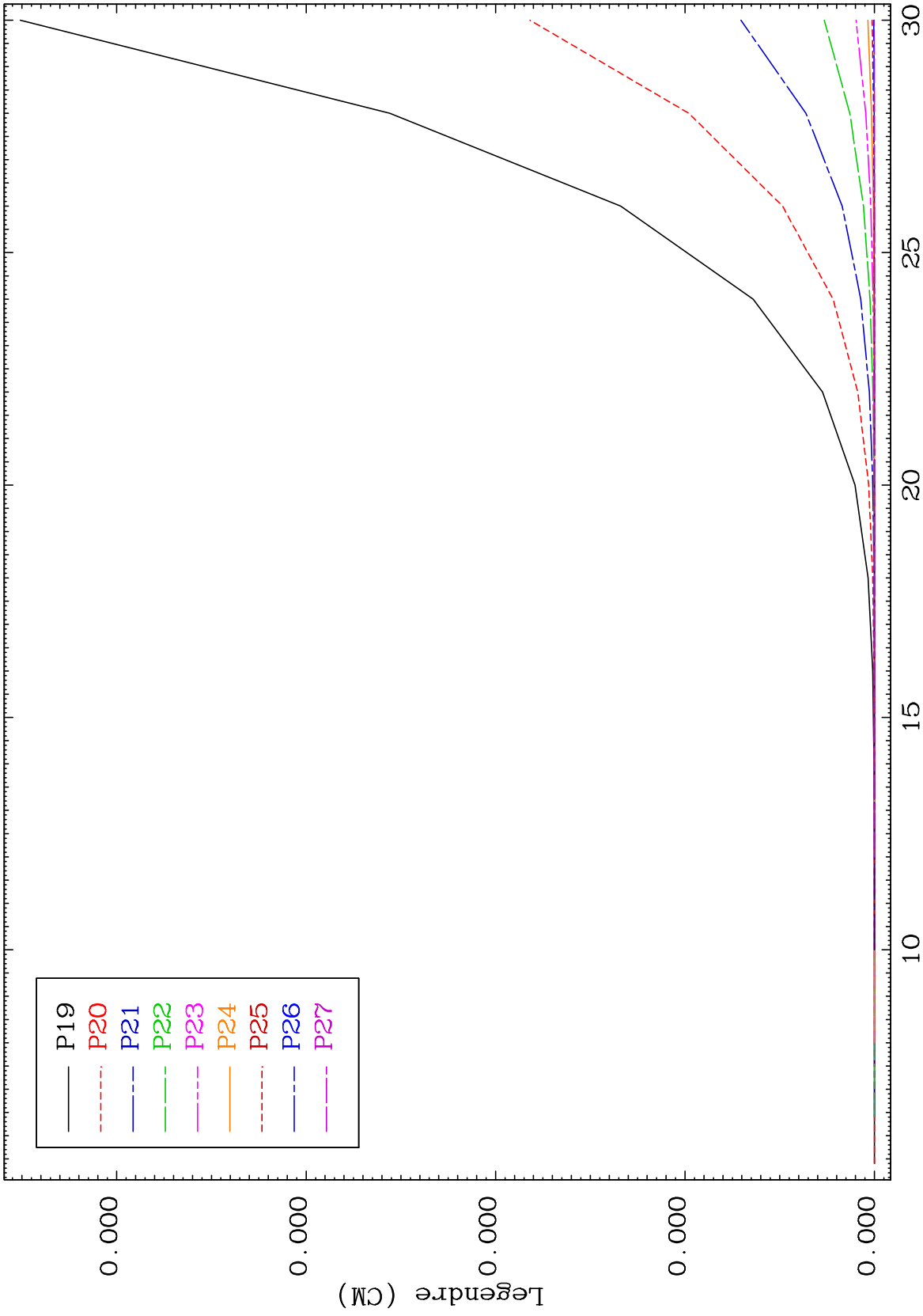
Incident Energy (MeV)

51-Sb-107

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



15

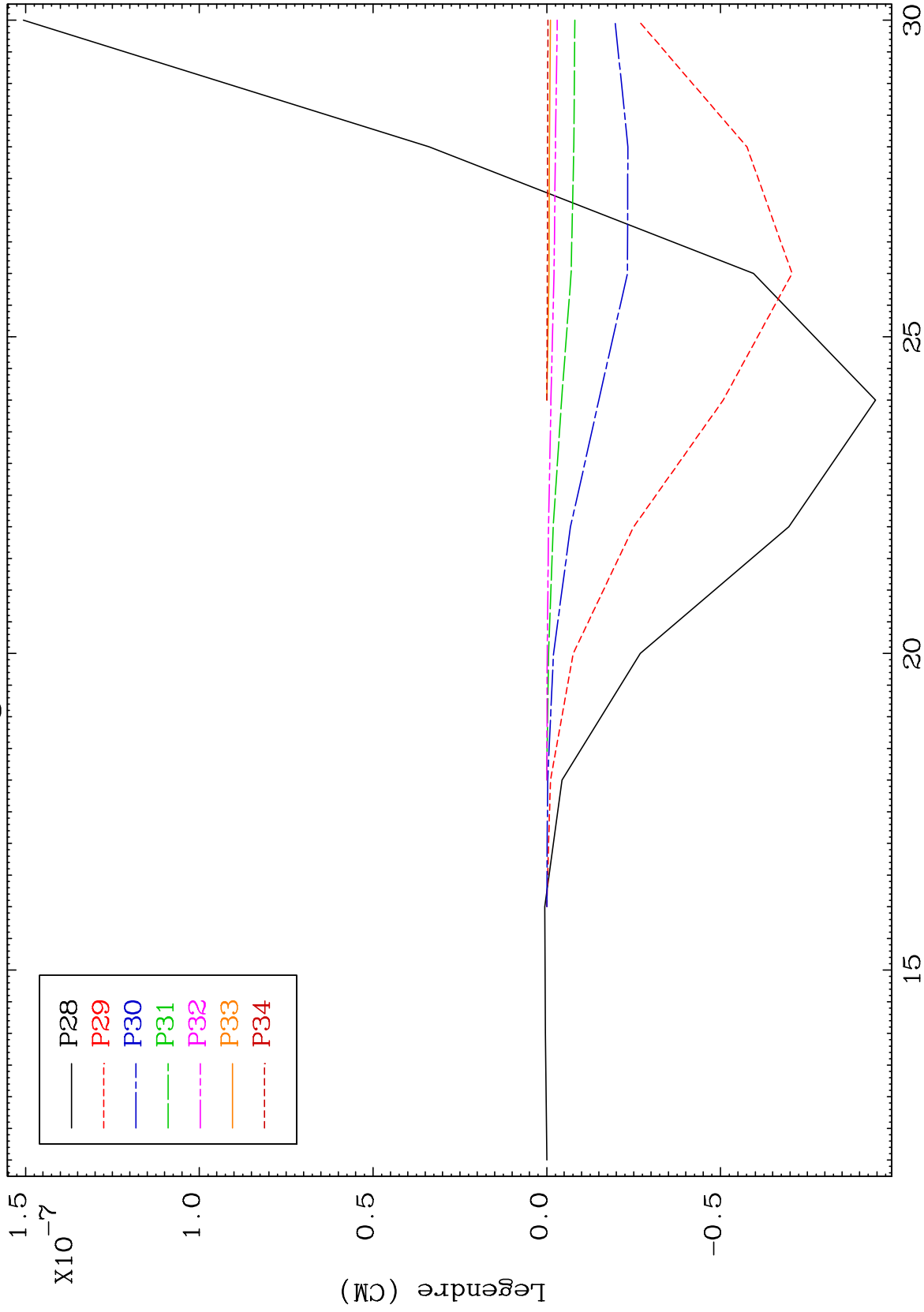
Incident Energy (MeV)

51-Sb-107

MAT 5083

Elastic Legendre Coefficients

51-Sb-107



16

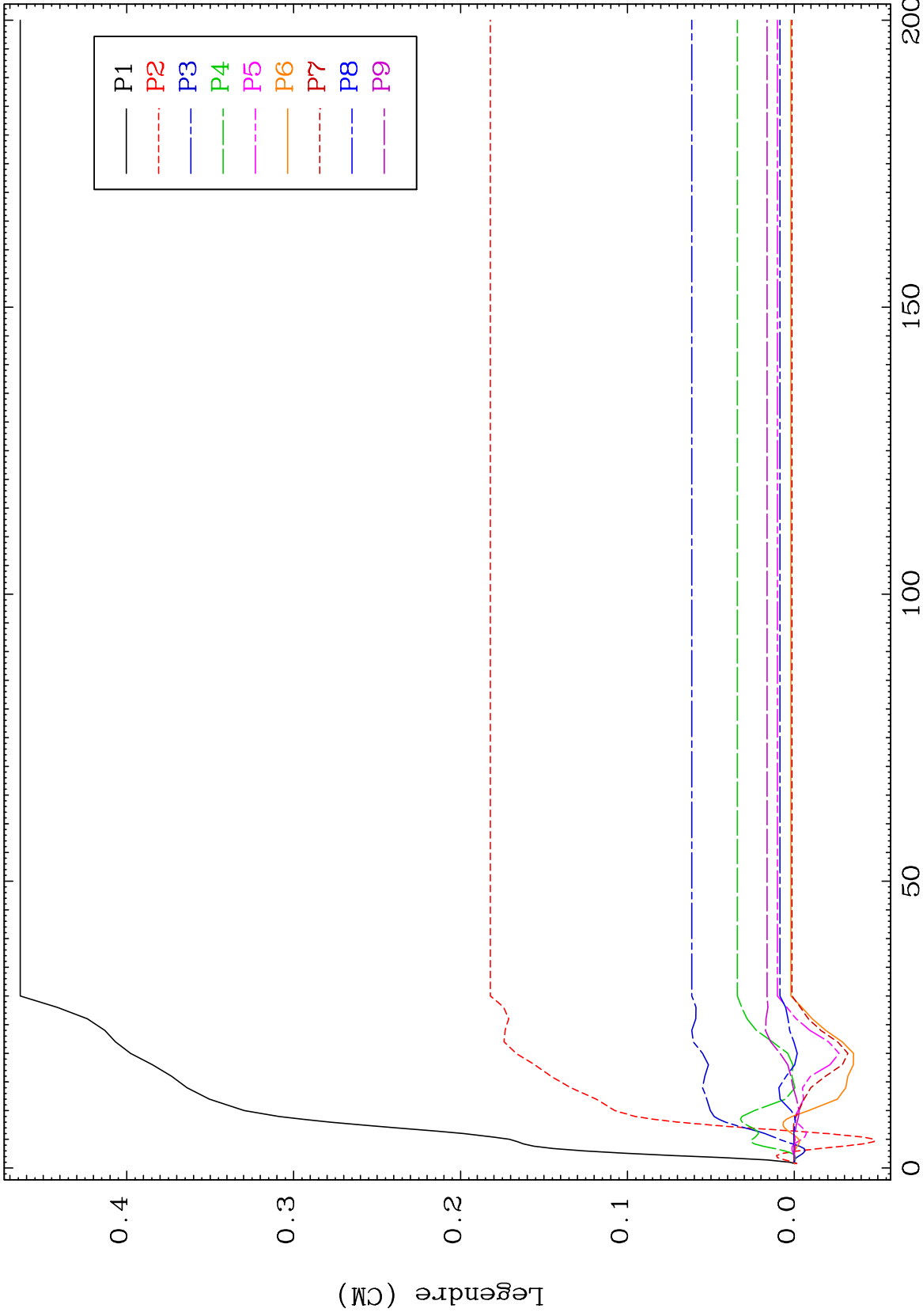
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



17

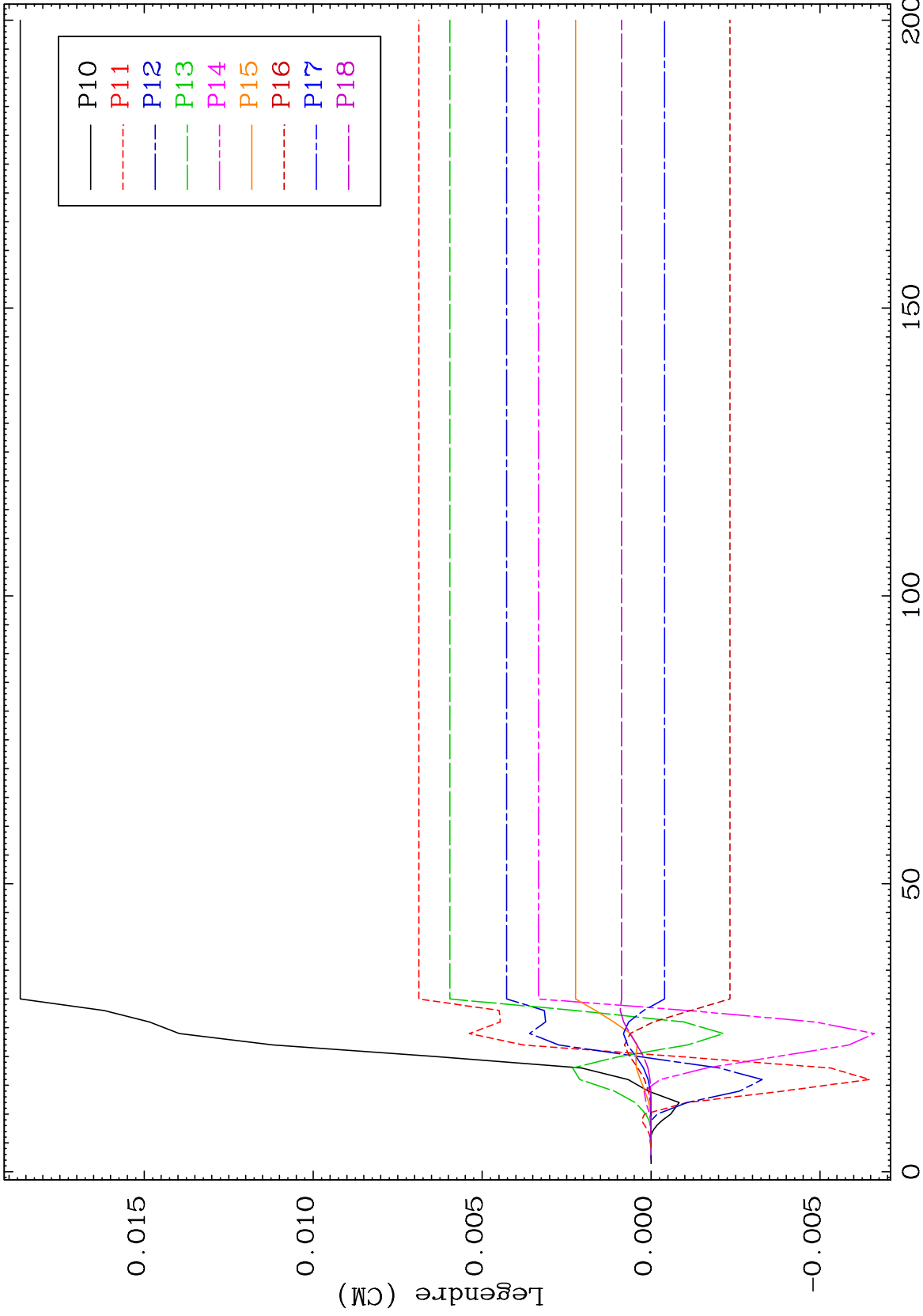
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



18

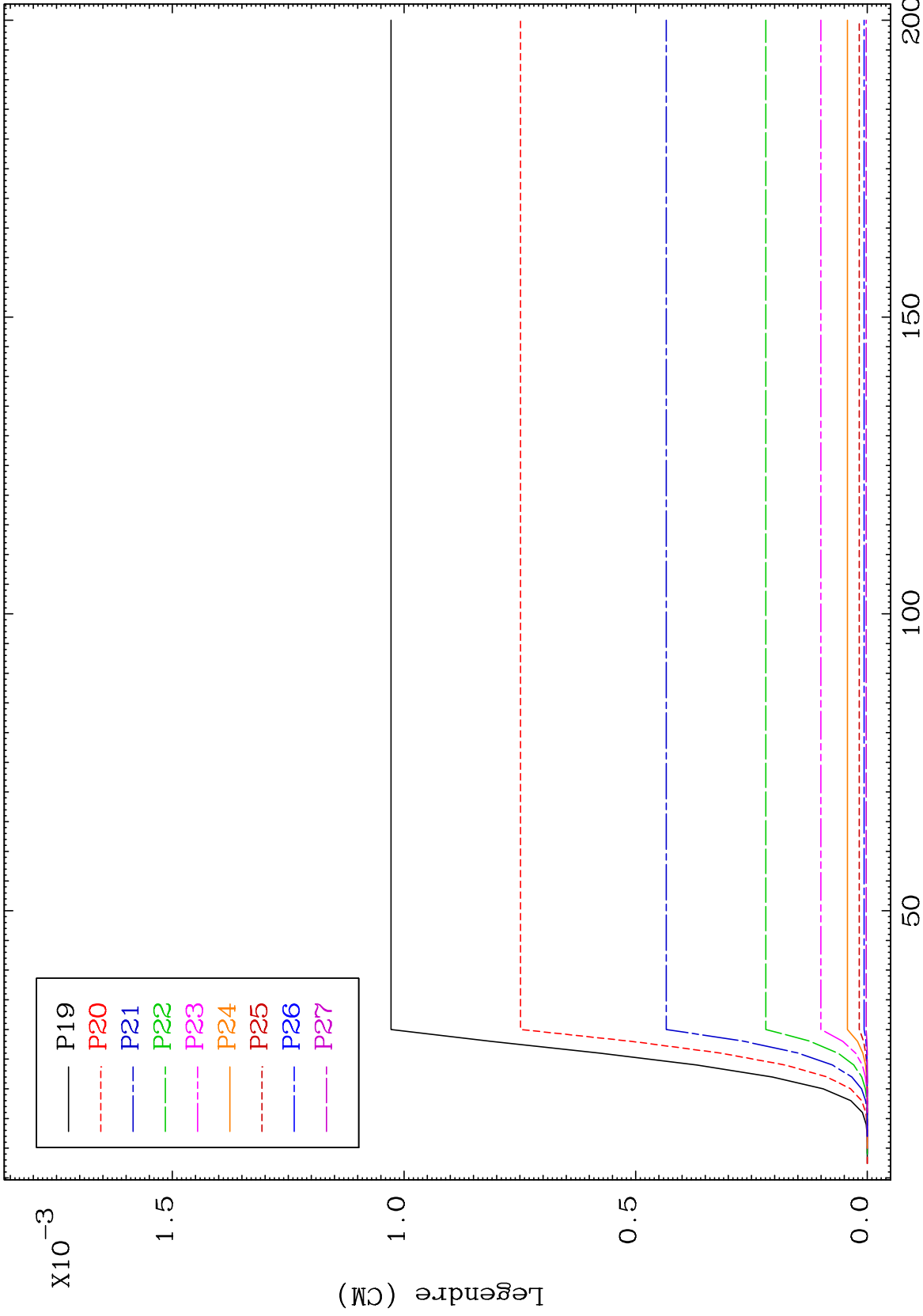
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



19

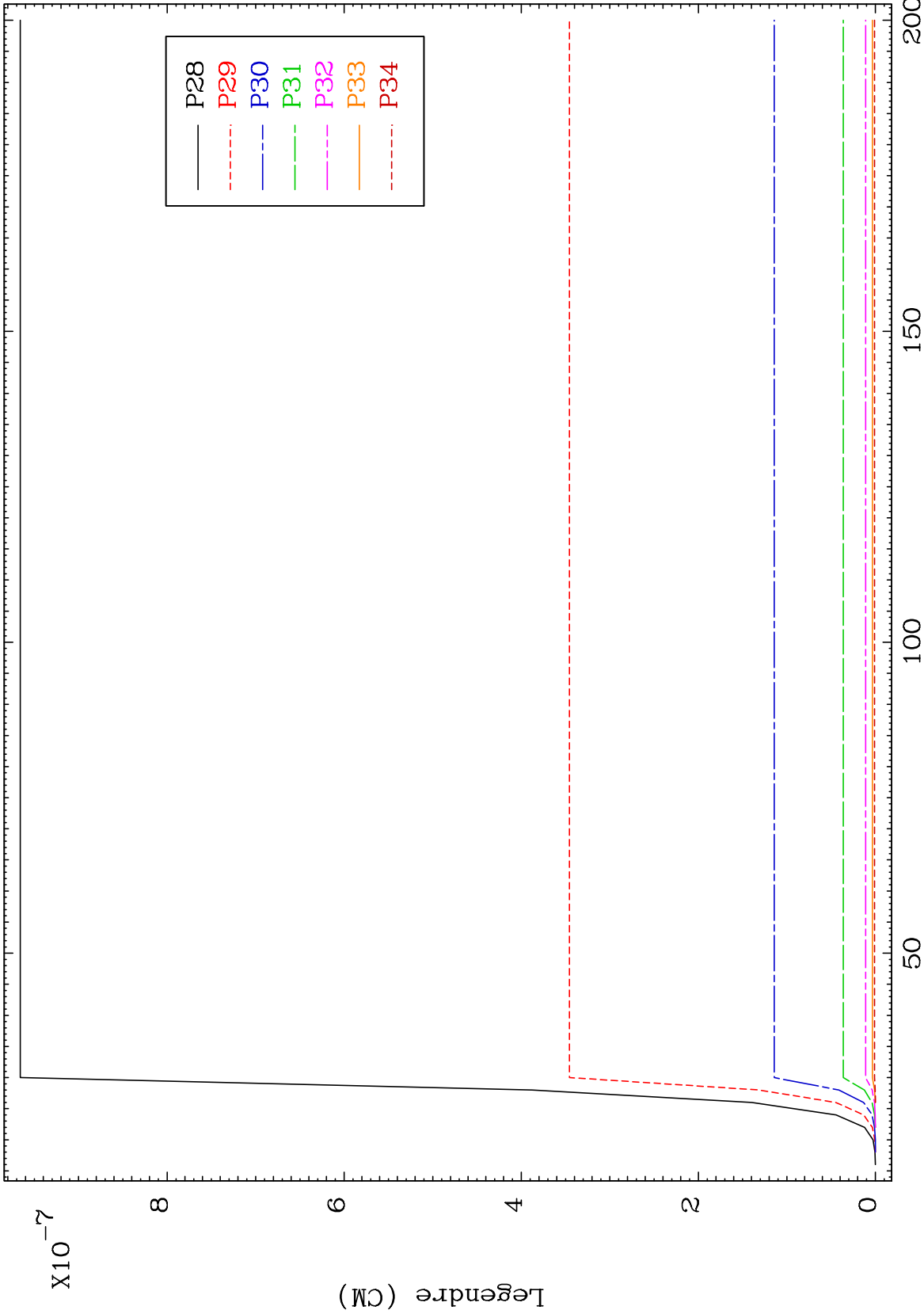
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



20

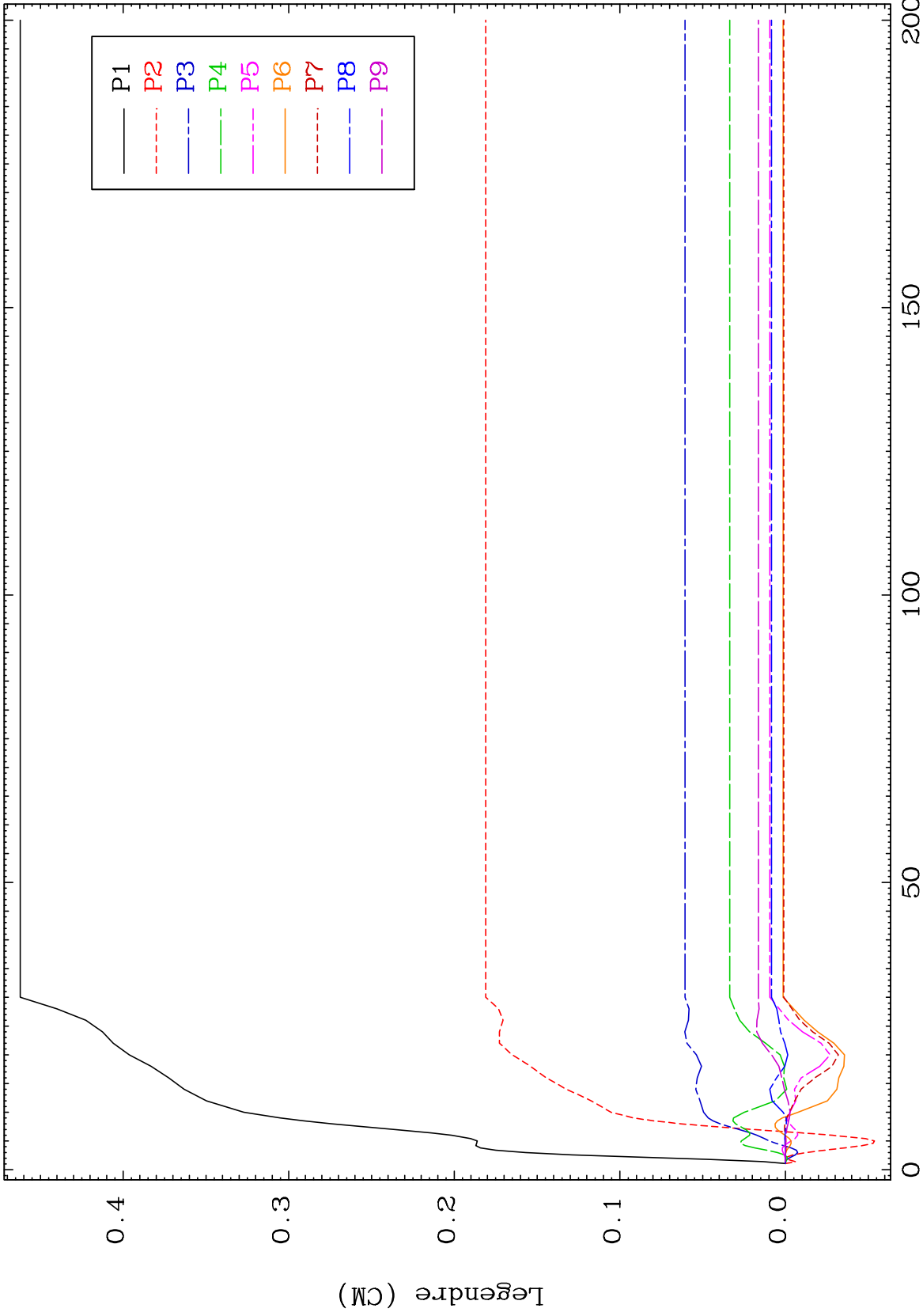
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



21

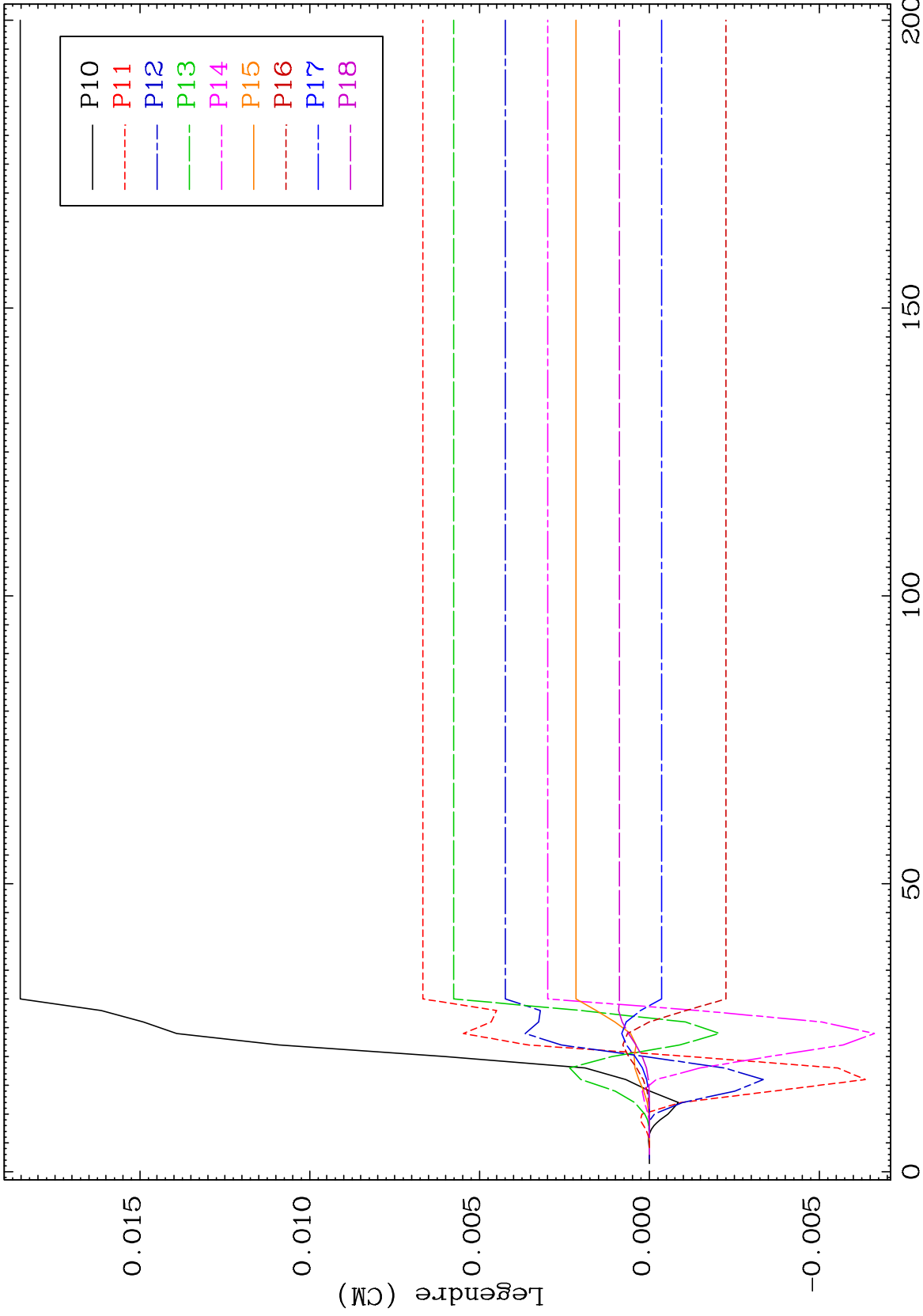
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

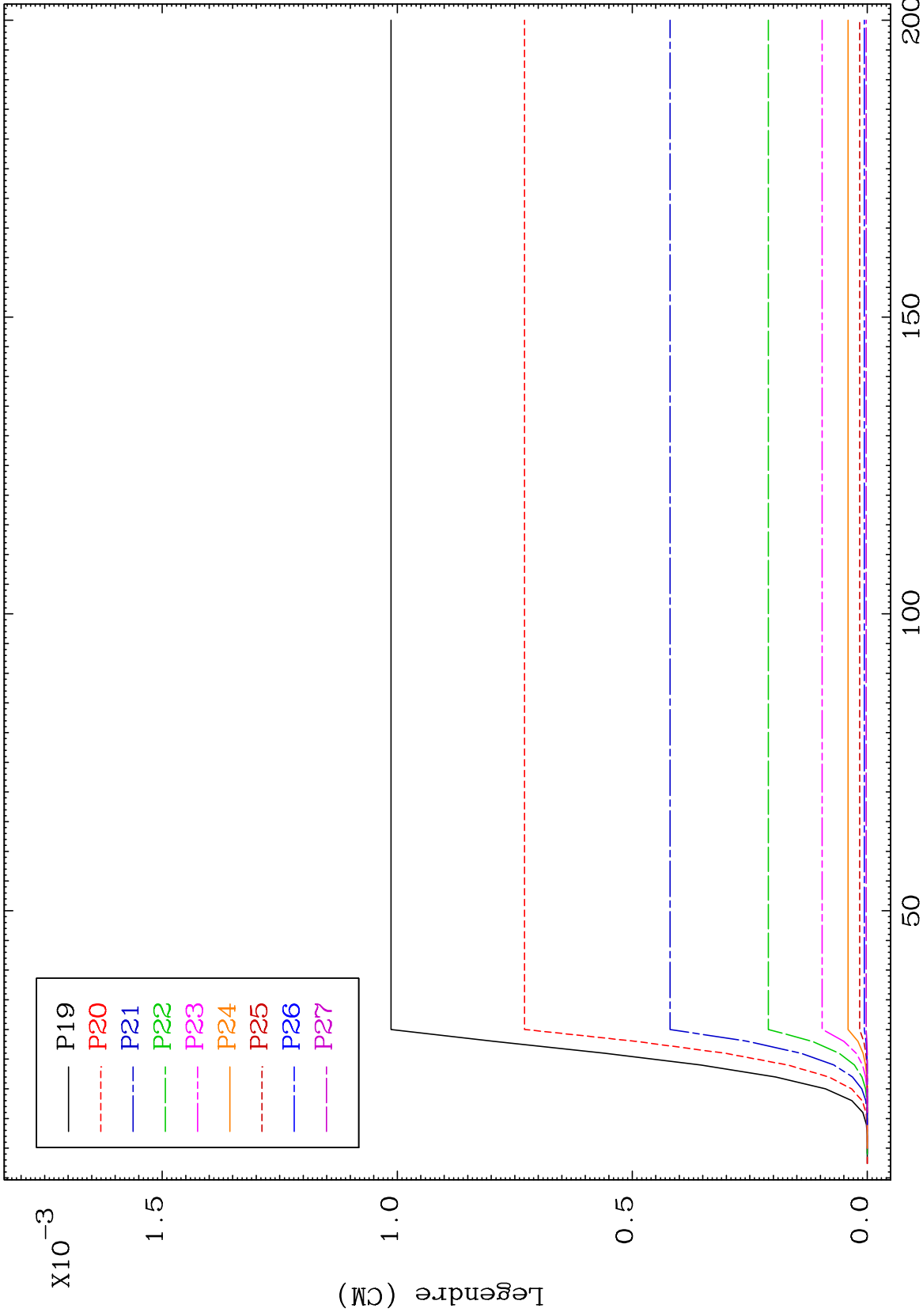
51-Sb-107



22

Incident Energy (MeV)

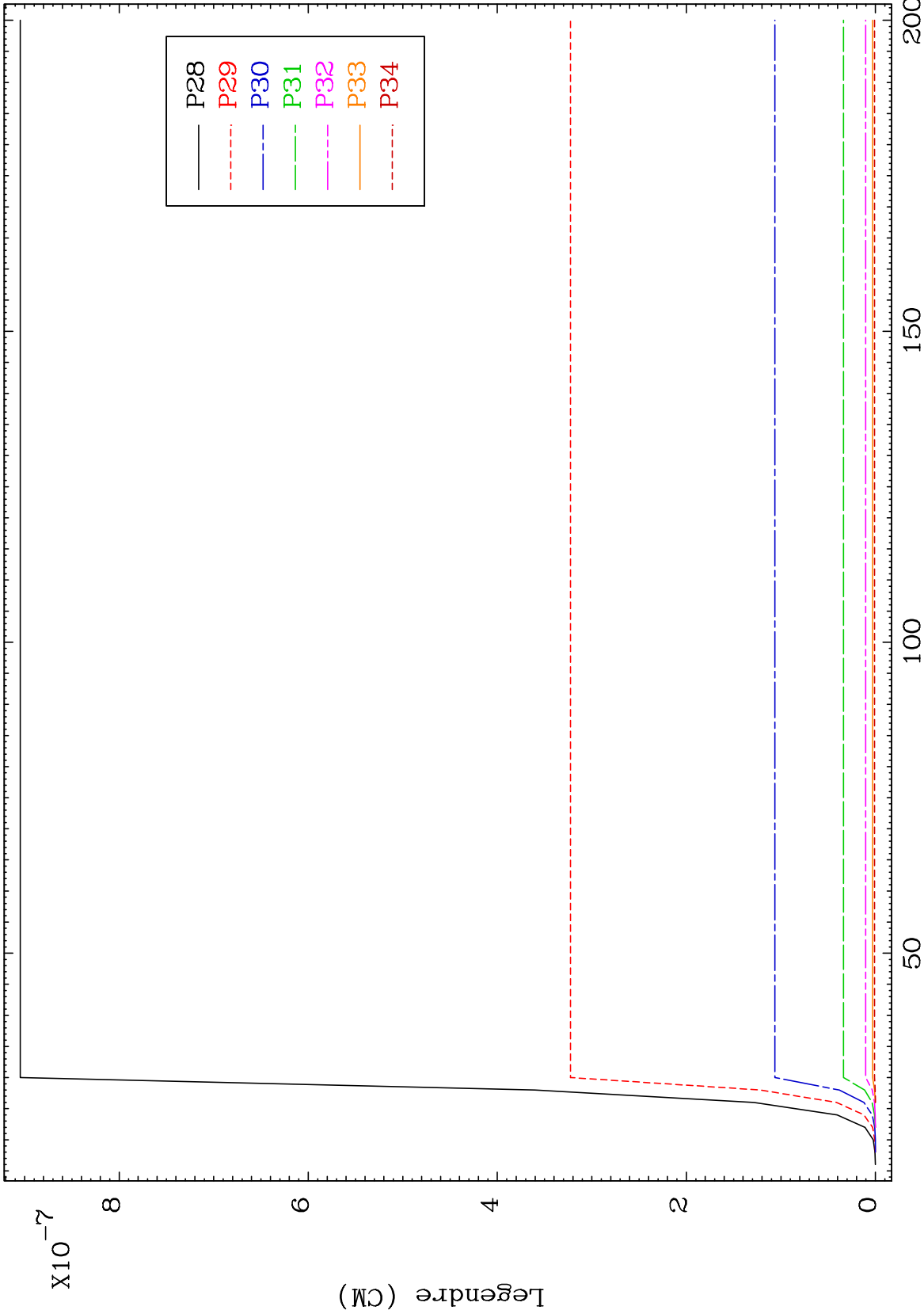
51-Sb-107



MAT 5083

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

51-Sb-107

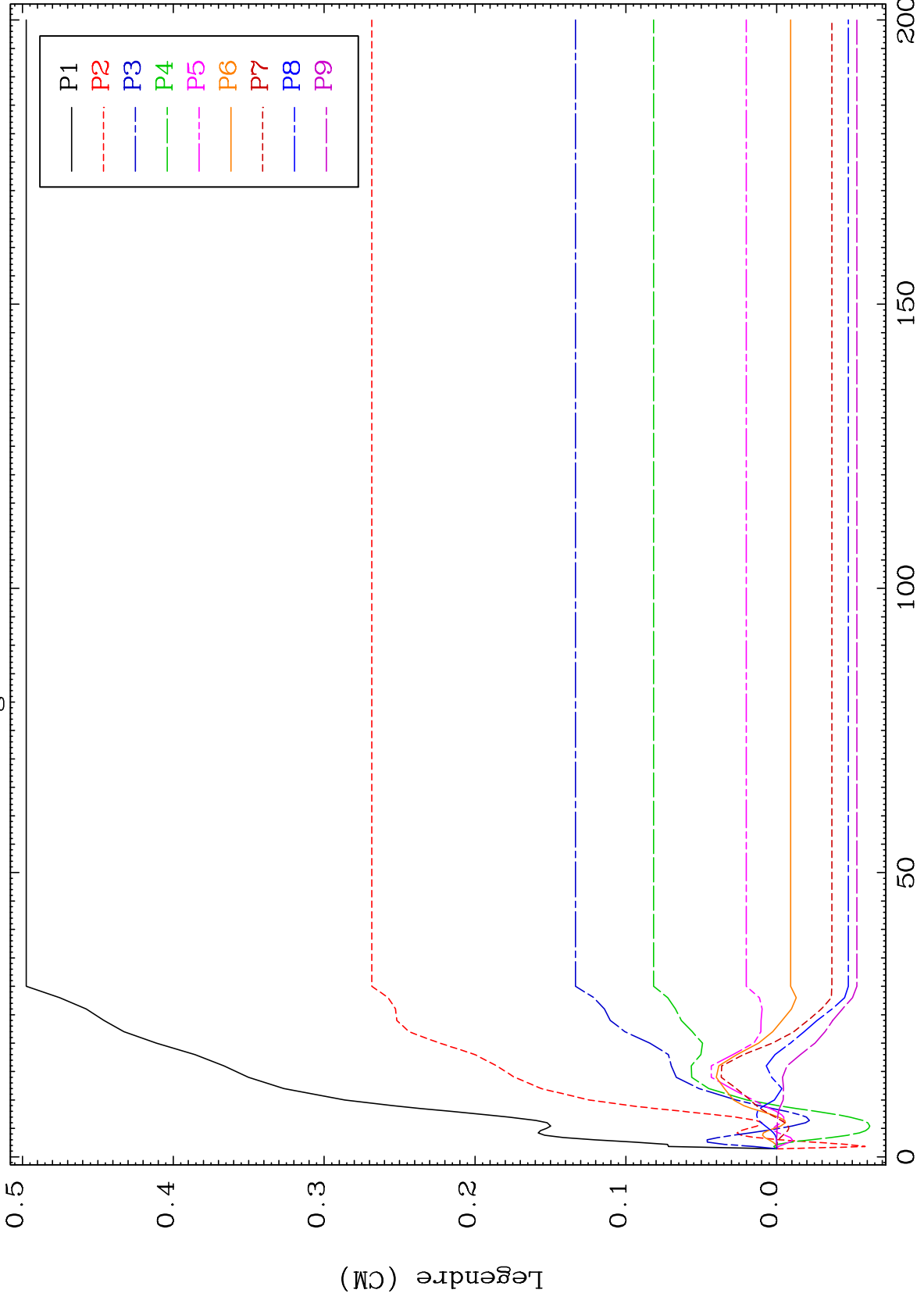


24

Incident Energy (MeV)

51-Sb-107

MAT 5083 MT= 53 (n,n') Level Legendre Coefficients 51-Sb-107

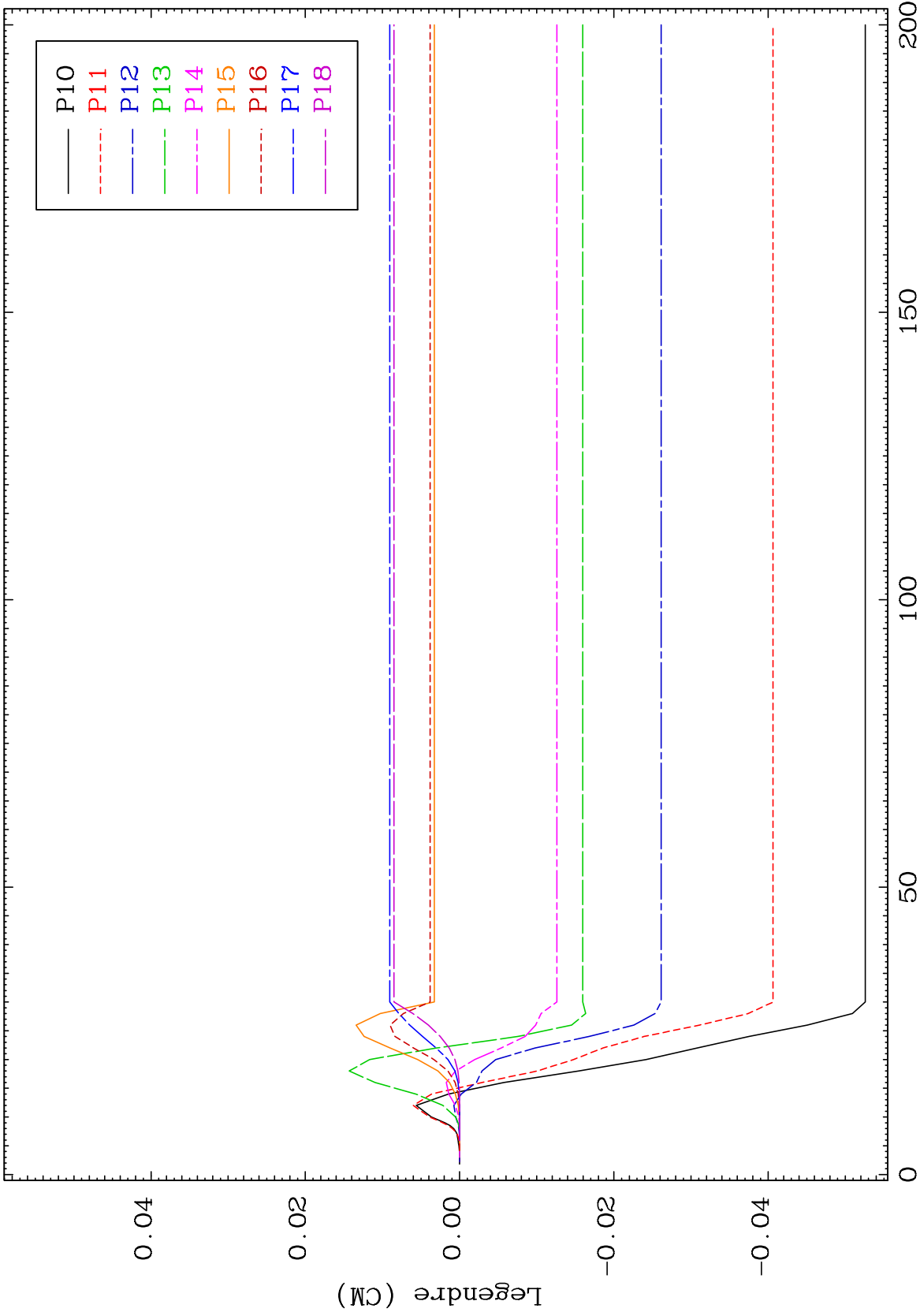


51-Sb-107 Incident Energy (MeV)

MAT 5083

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

51-Sb-107



26

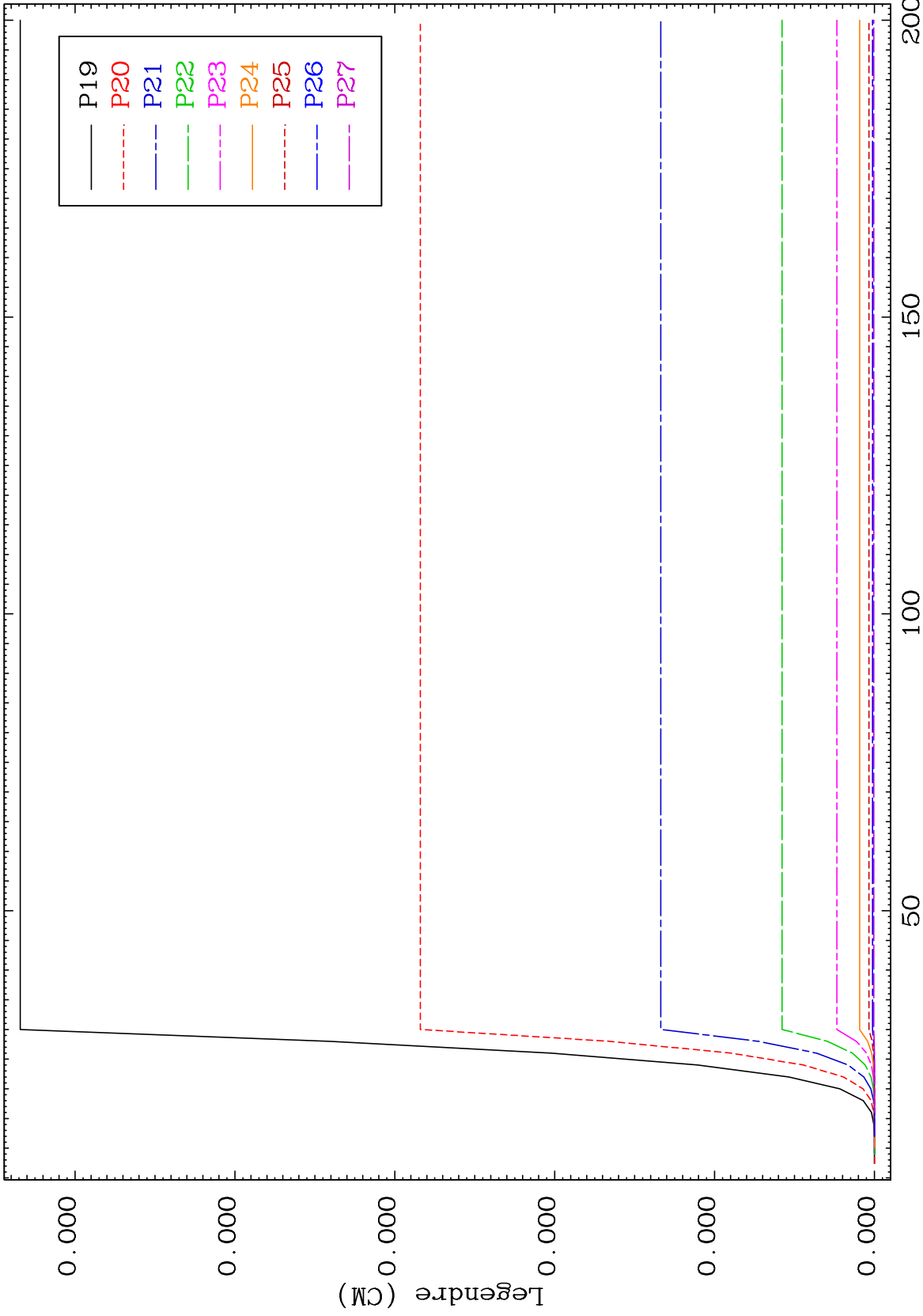
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



27

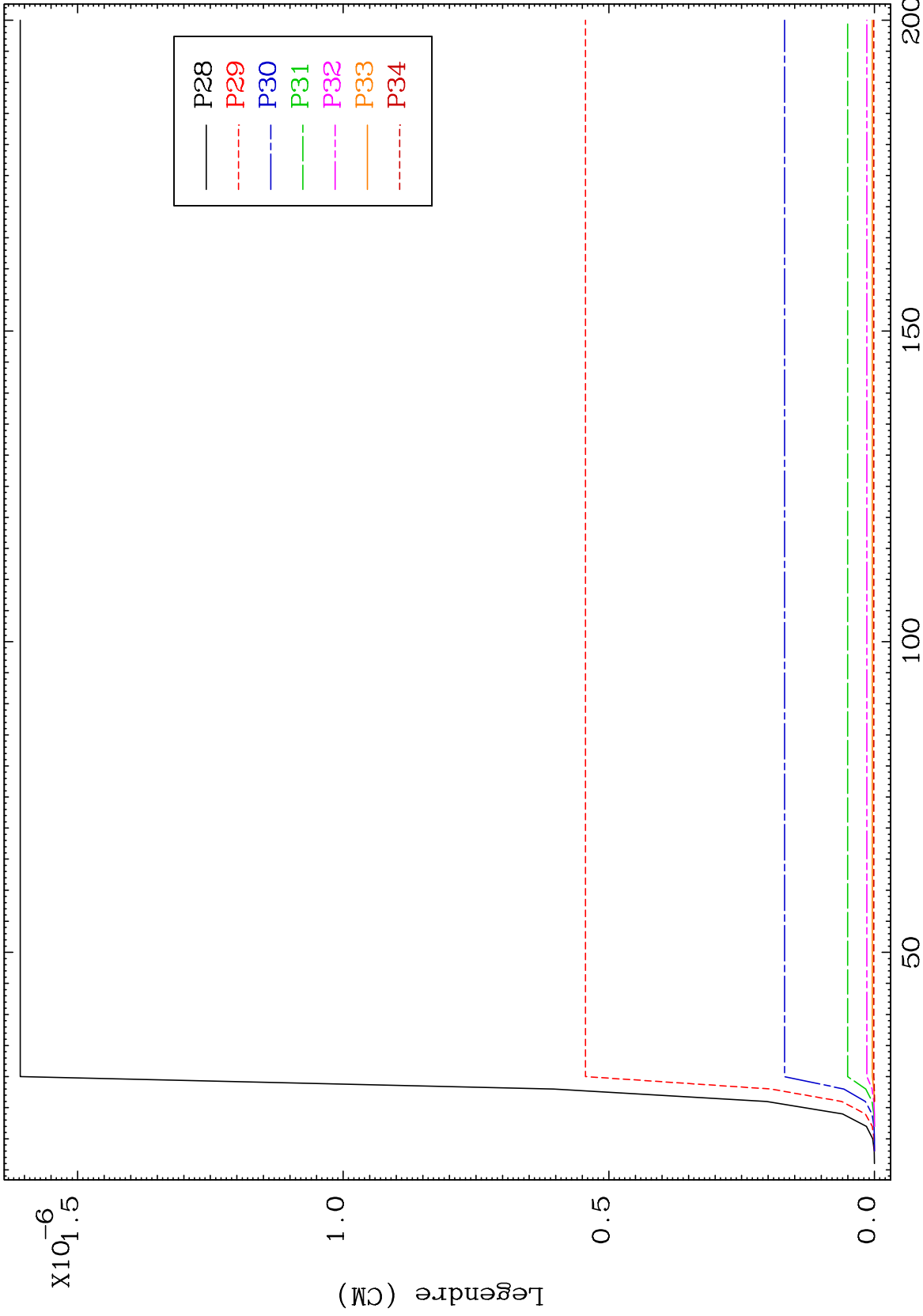
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



28

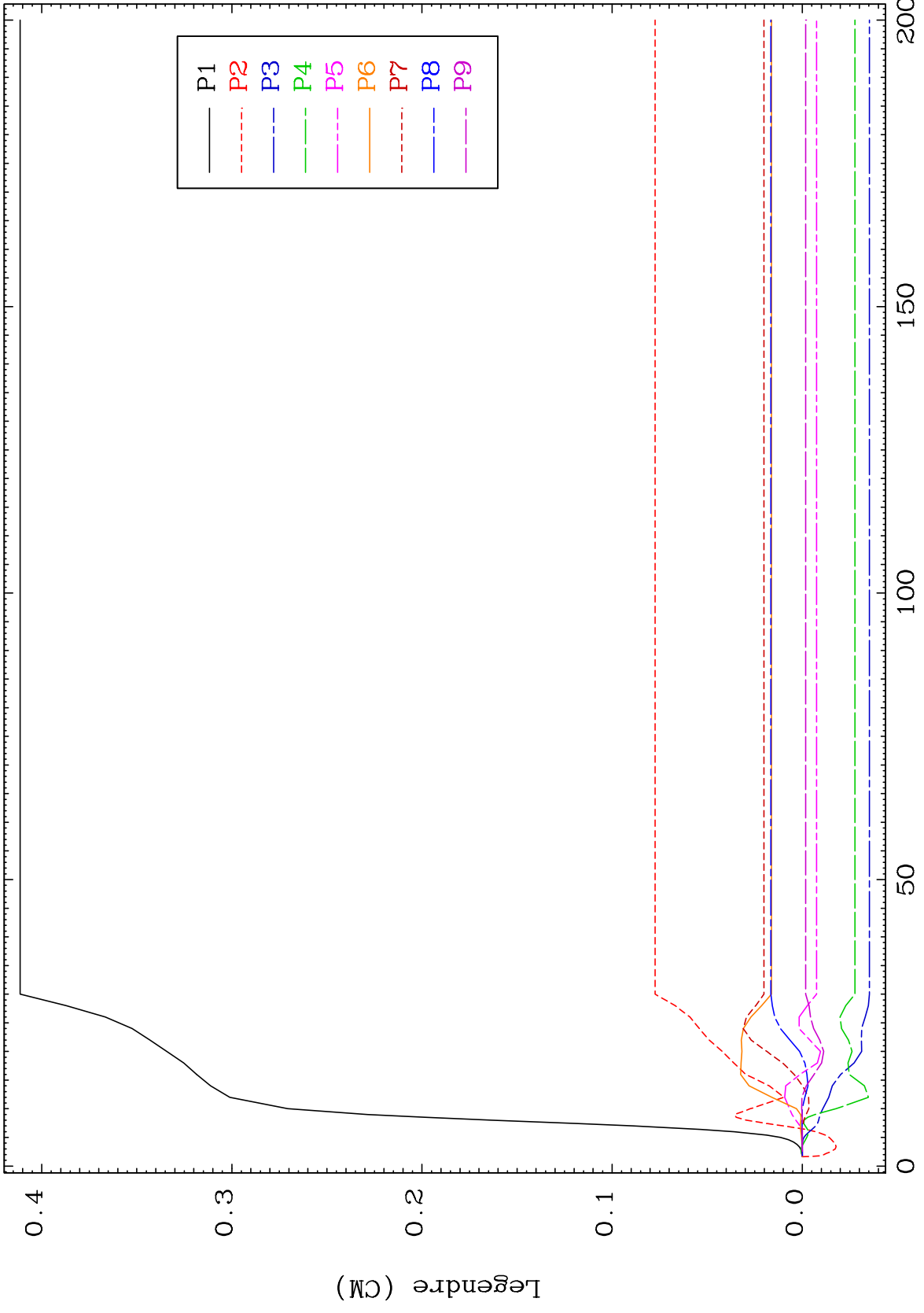
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107

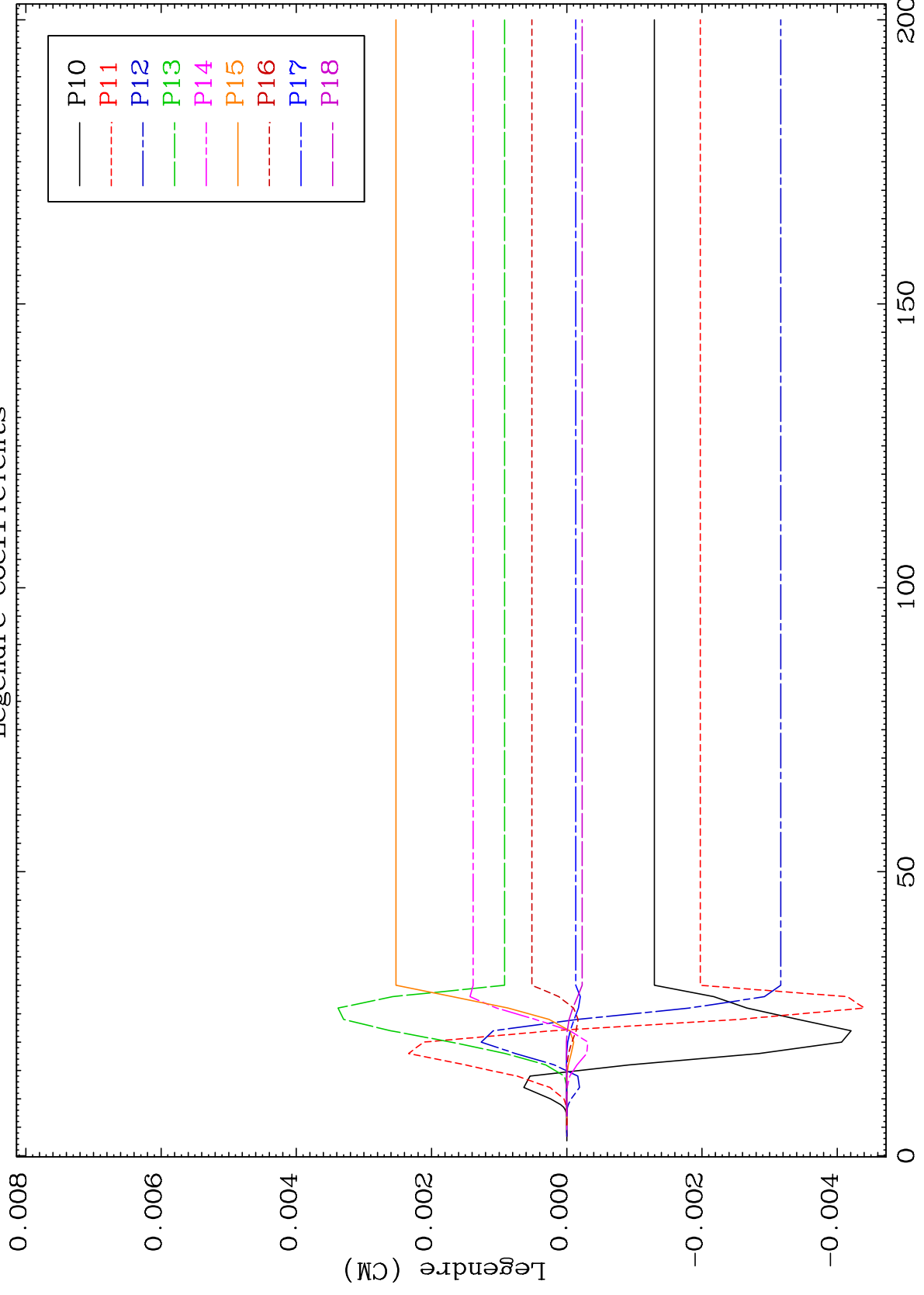


29

Incident Energy (MeV)

51-Sb-107

MAT 5083 MT= 54 (n,n') Level Legendre Coefficients 51-Sb-107

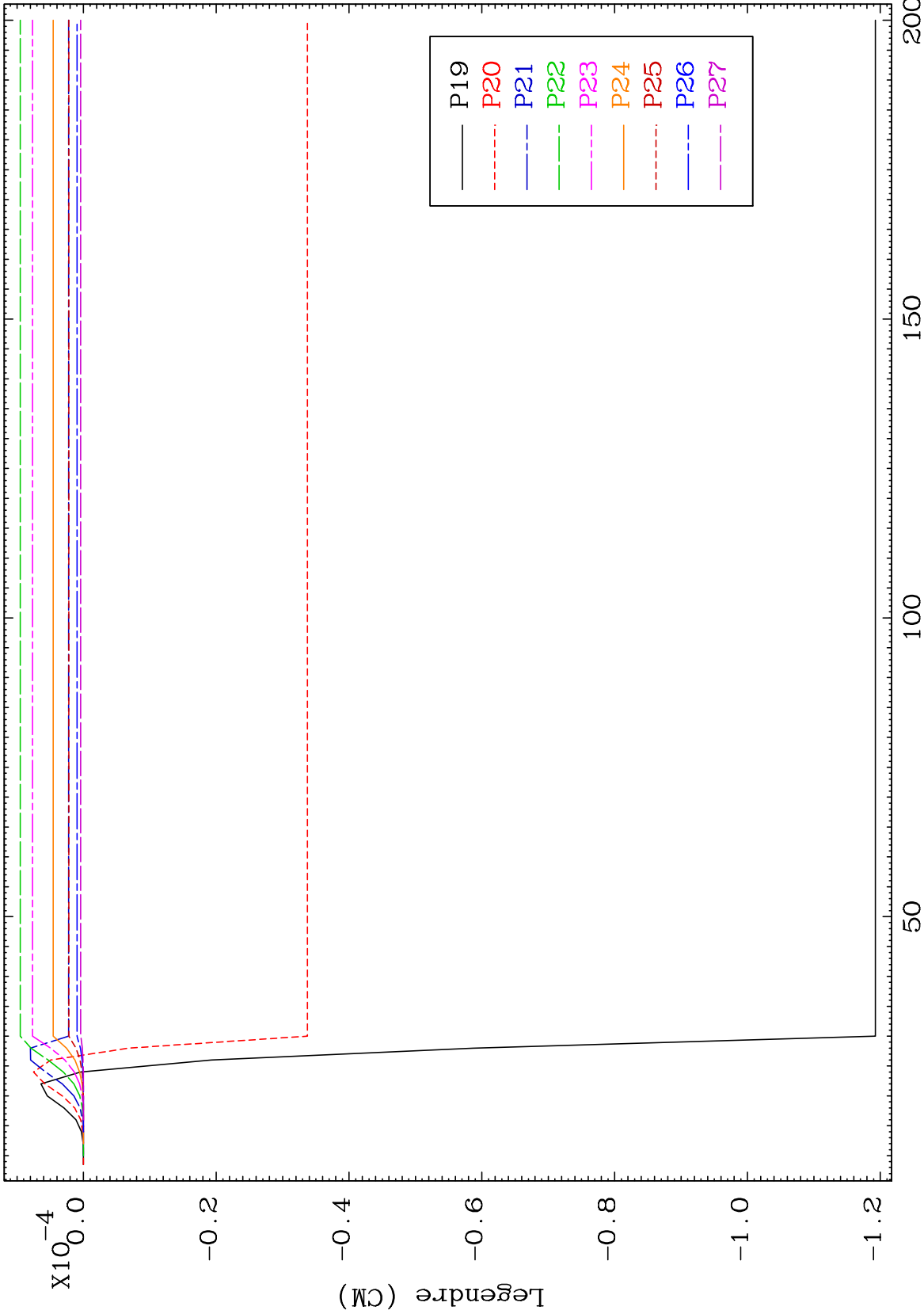


51-Sb-107

MAT 5083

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

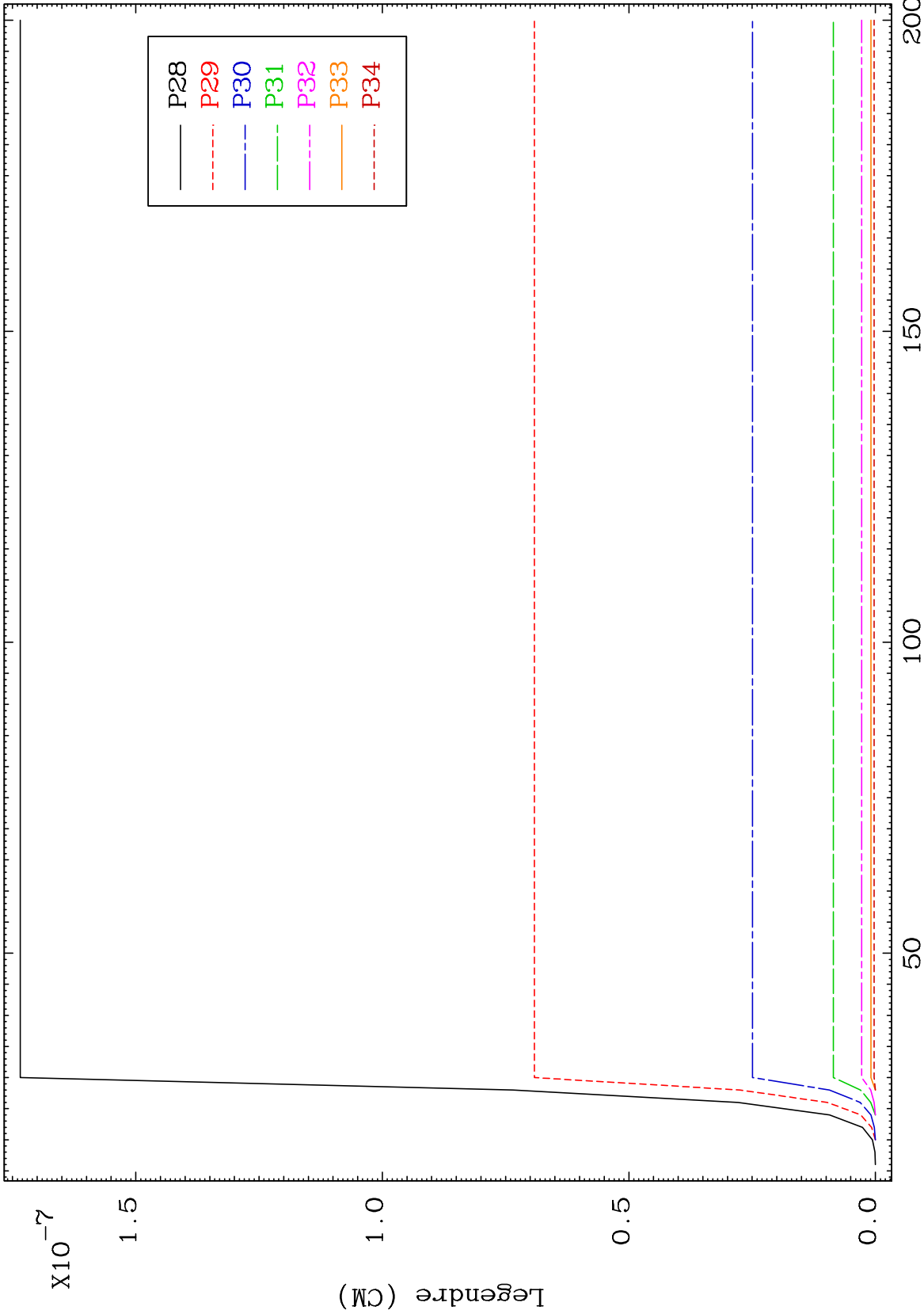
51-Sb-107



MAT 5083

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

51-Sb-107



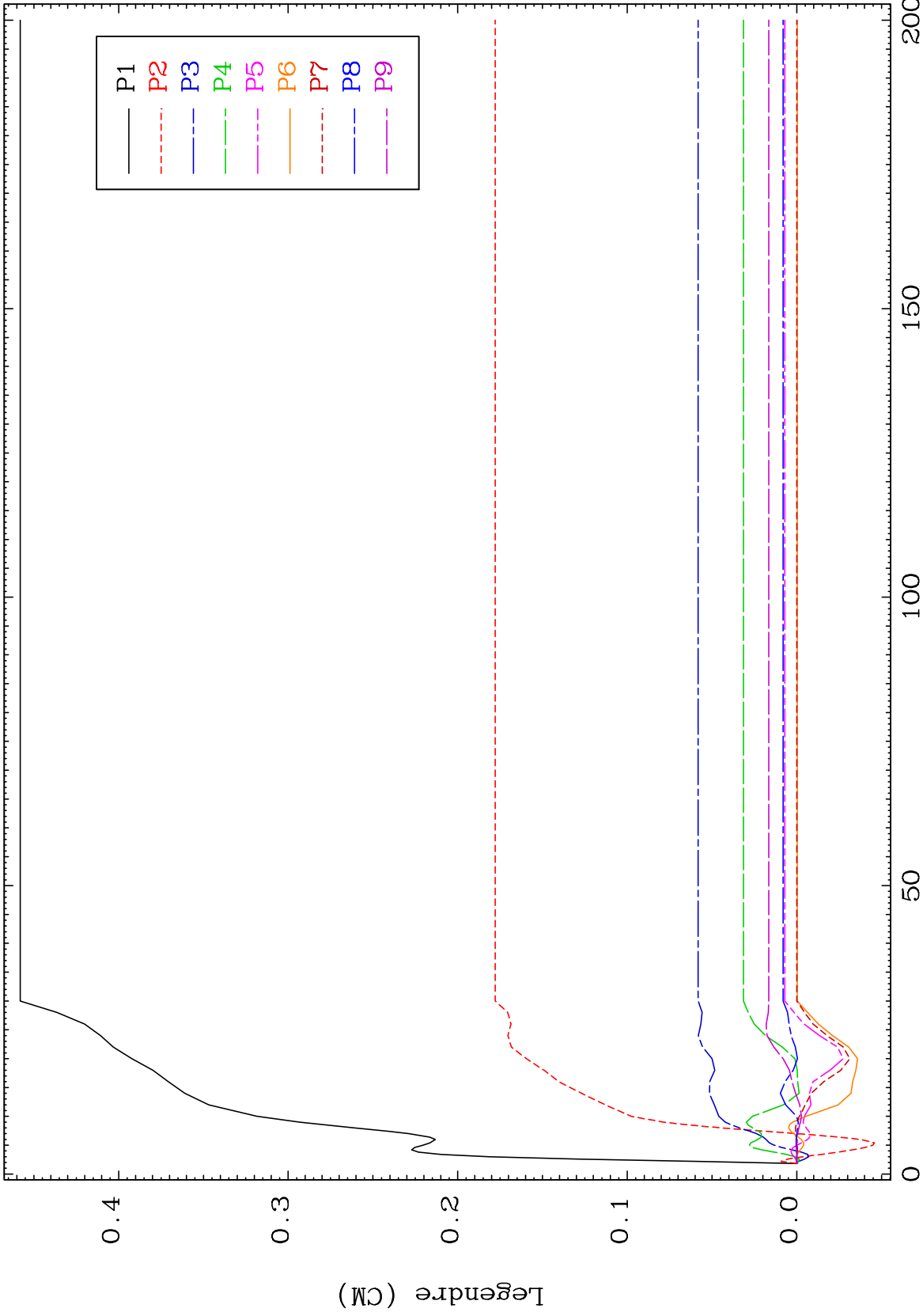
32

51-Sb-107

MAT 5083

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

51-Sb-107



33

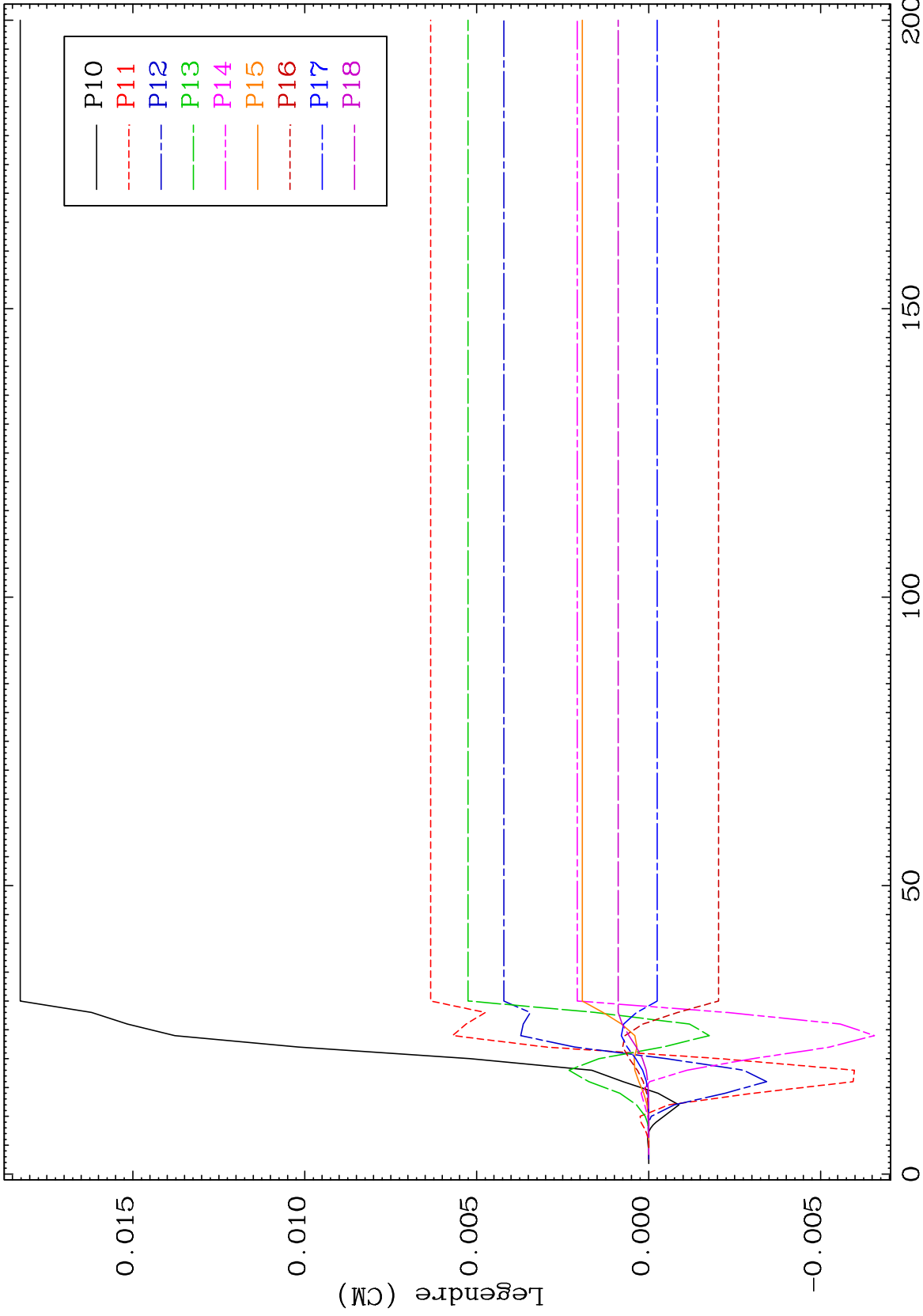
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



34

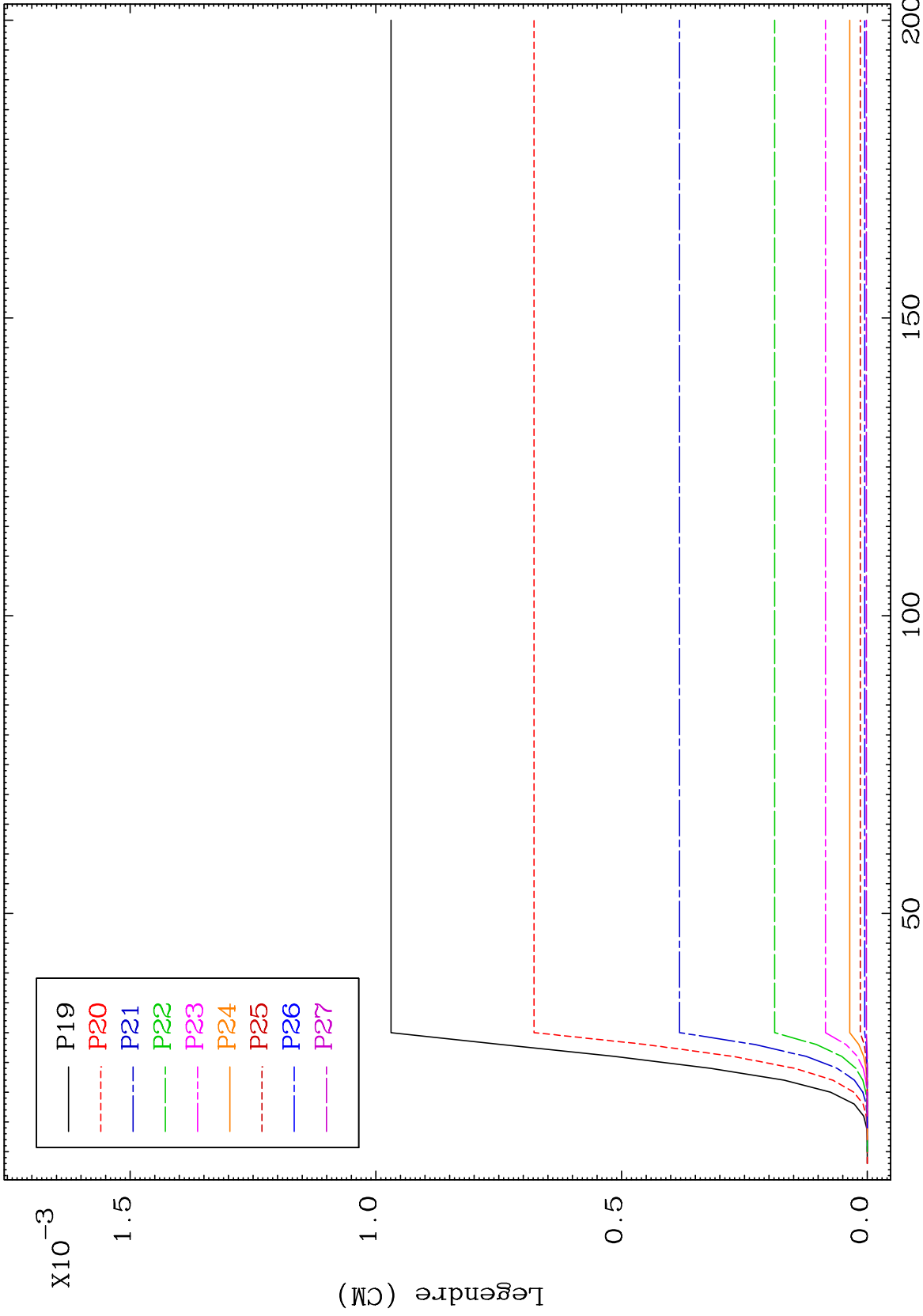
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



35

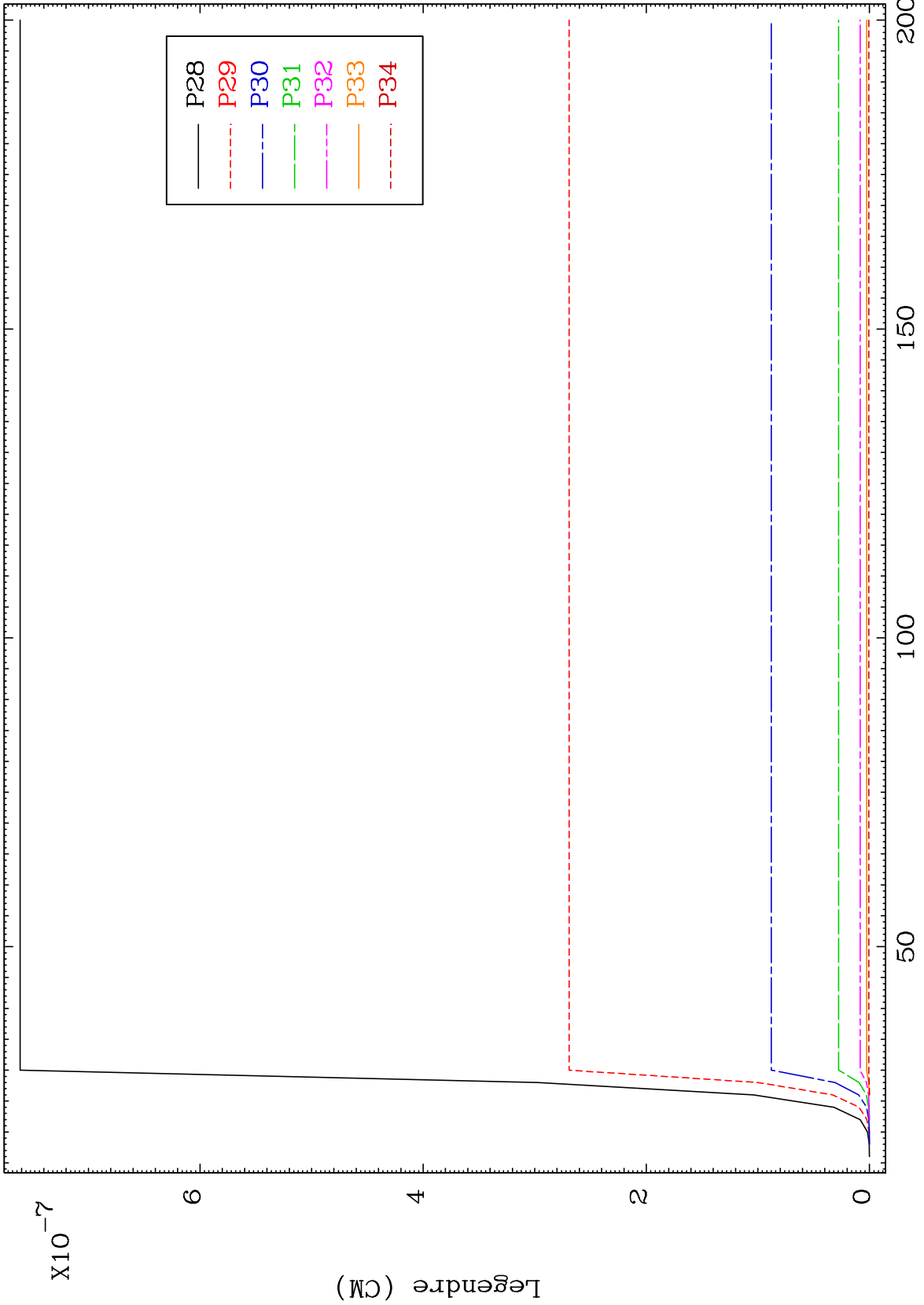
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107

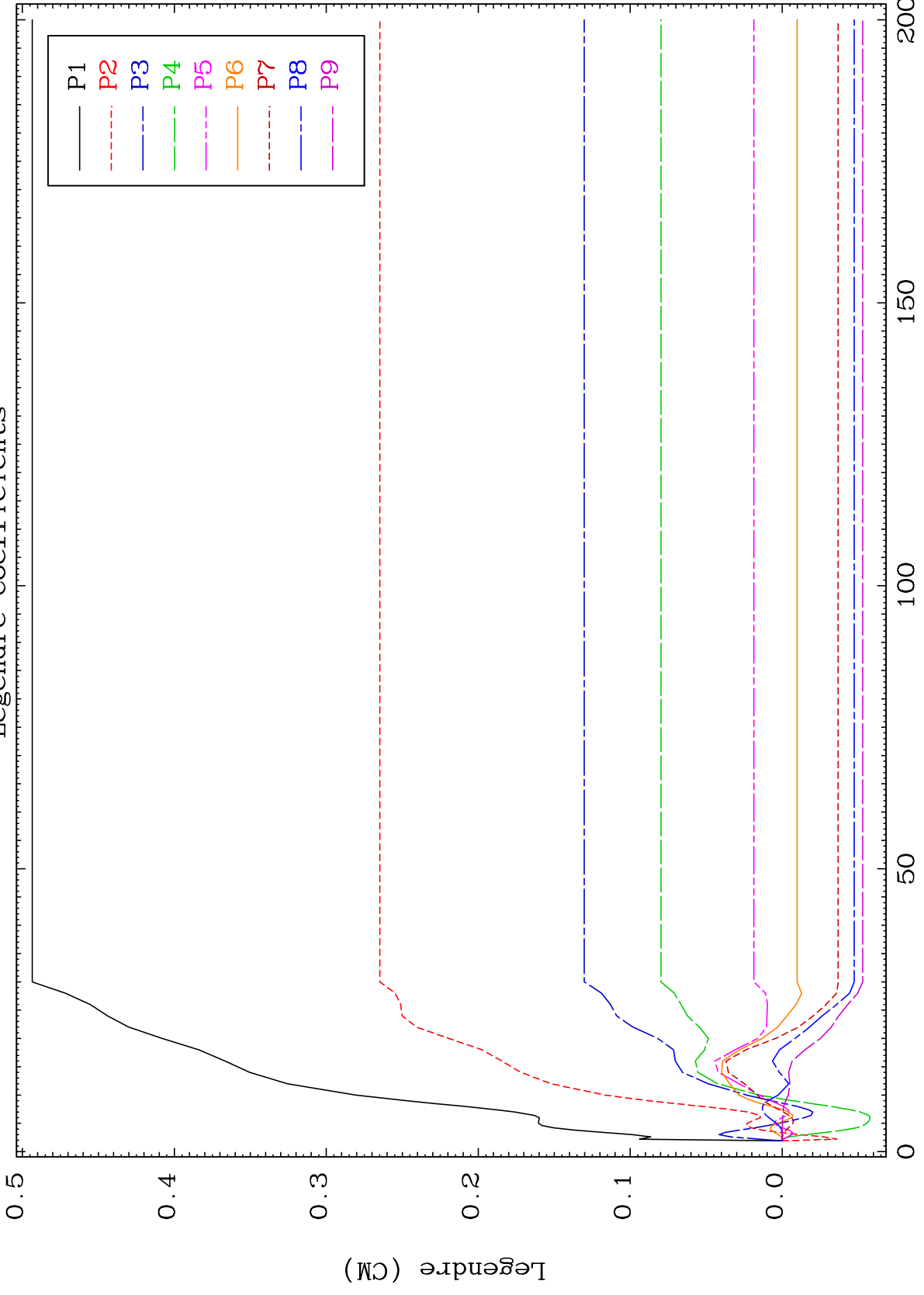


36

Incident Energy (MeV)

51-Sb-107

MAT 5083 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-107

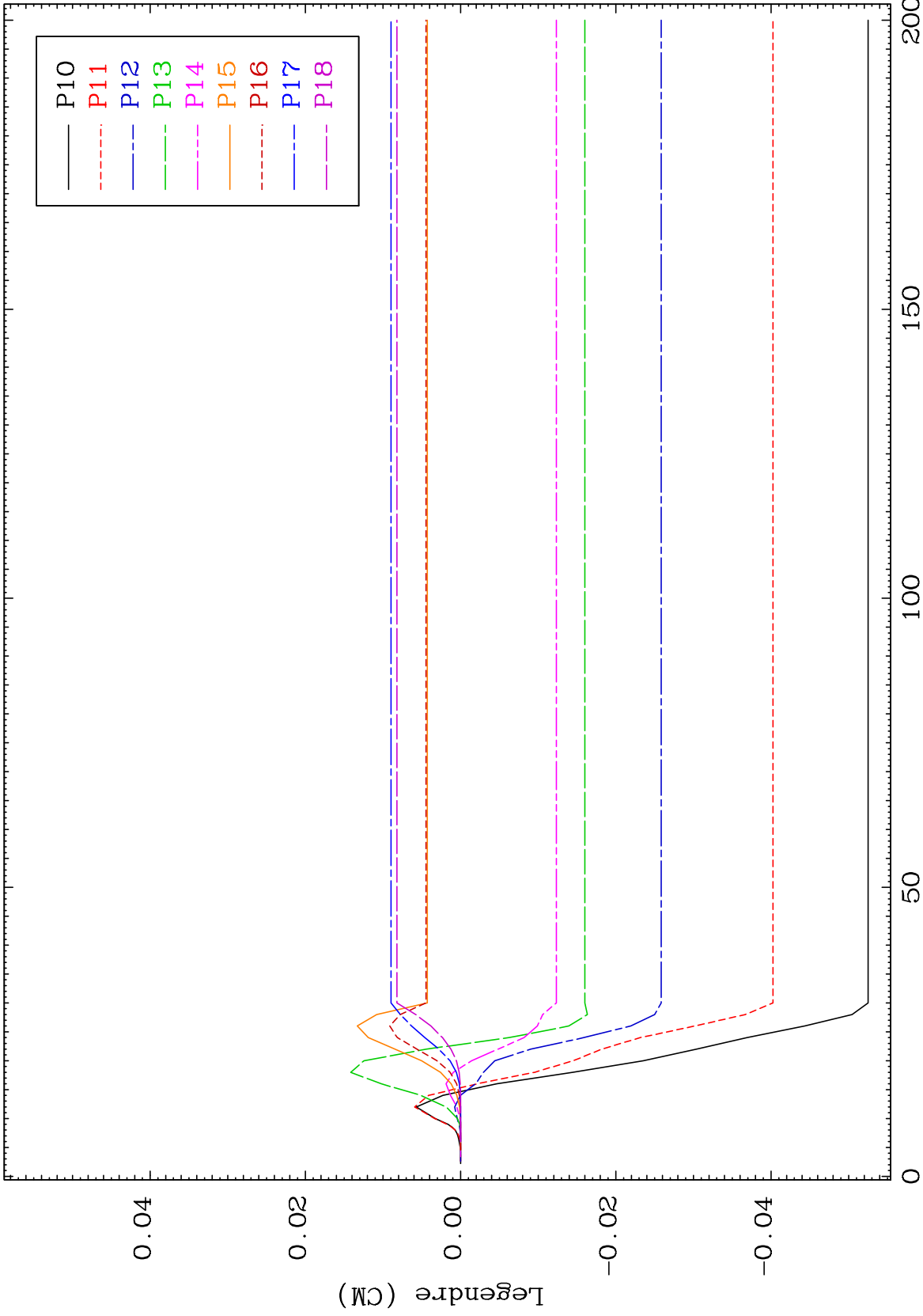


37 51-Sb-107

MAT 5083

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

51-Sb-107



38

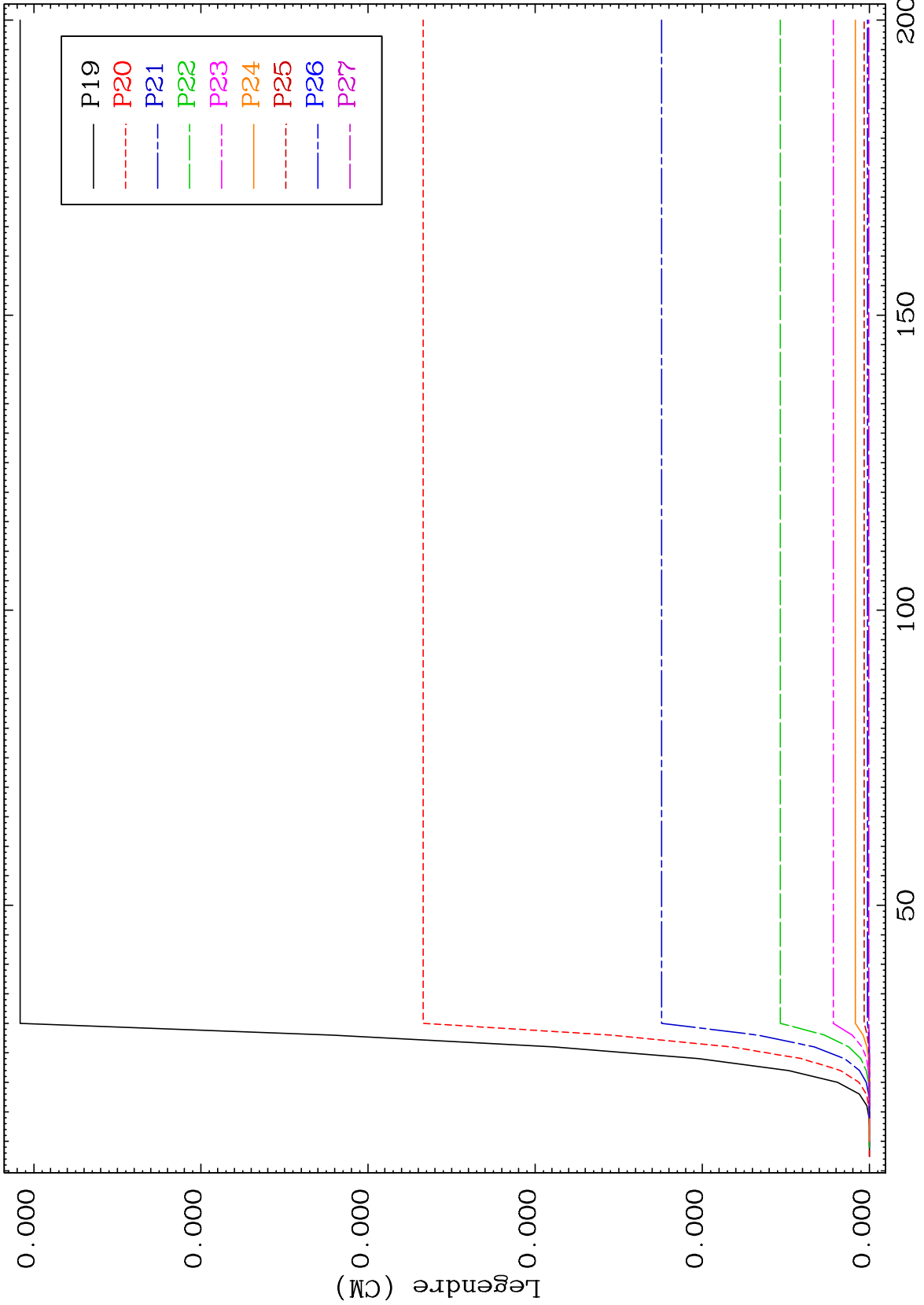
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



39

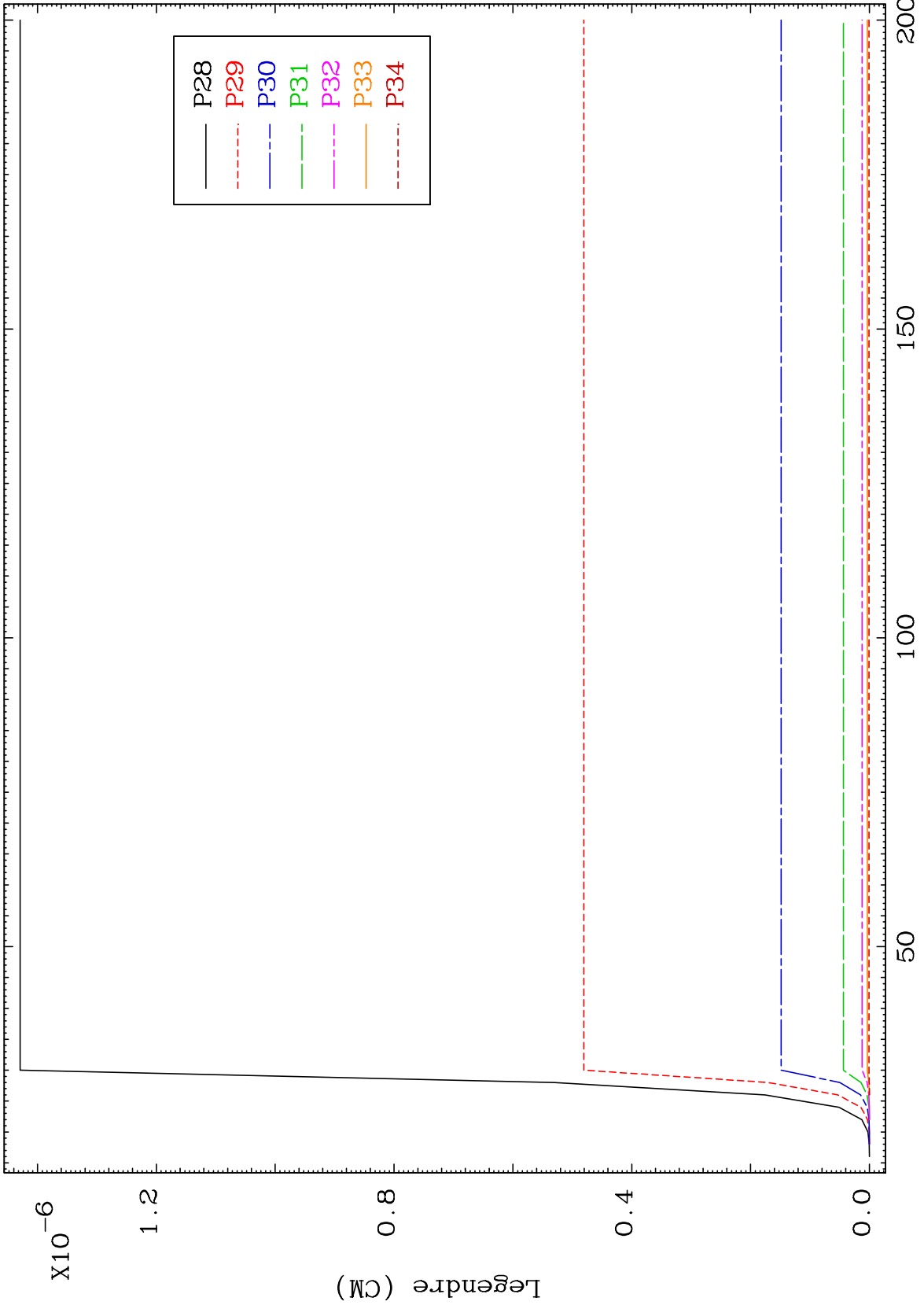
Incident Energy (MeV)

51-Sb-107

MAT 5083

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

51-Sb-107



40

Incident Energy (MeV)

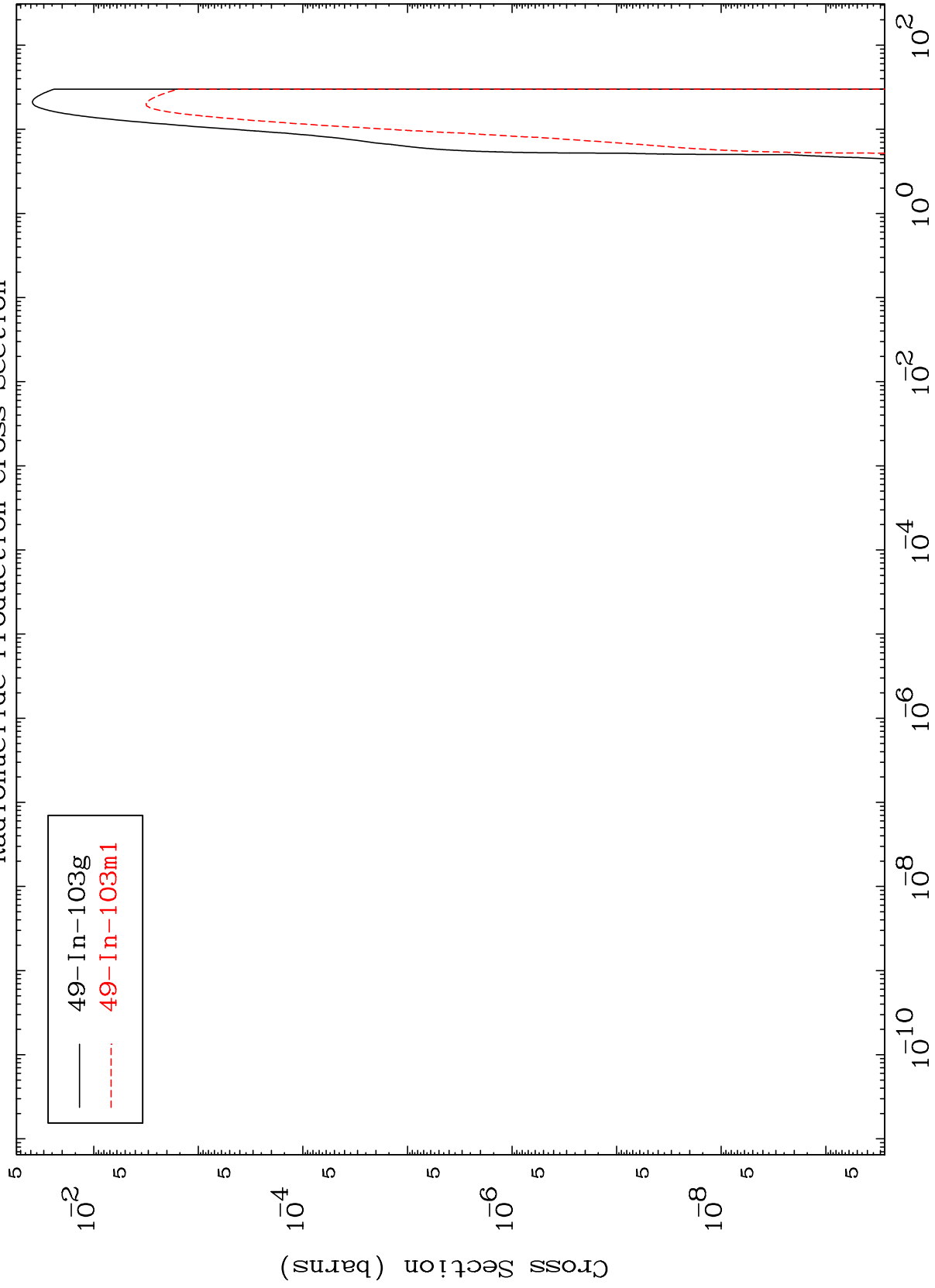
51-Sb-107

MAT 5083

(n,n') α

51-Sb-107

Radionuclide Production Cross Section



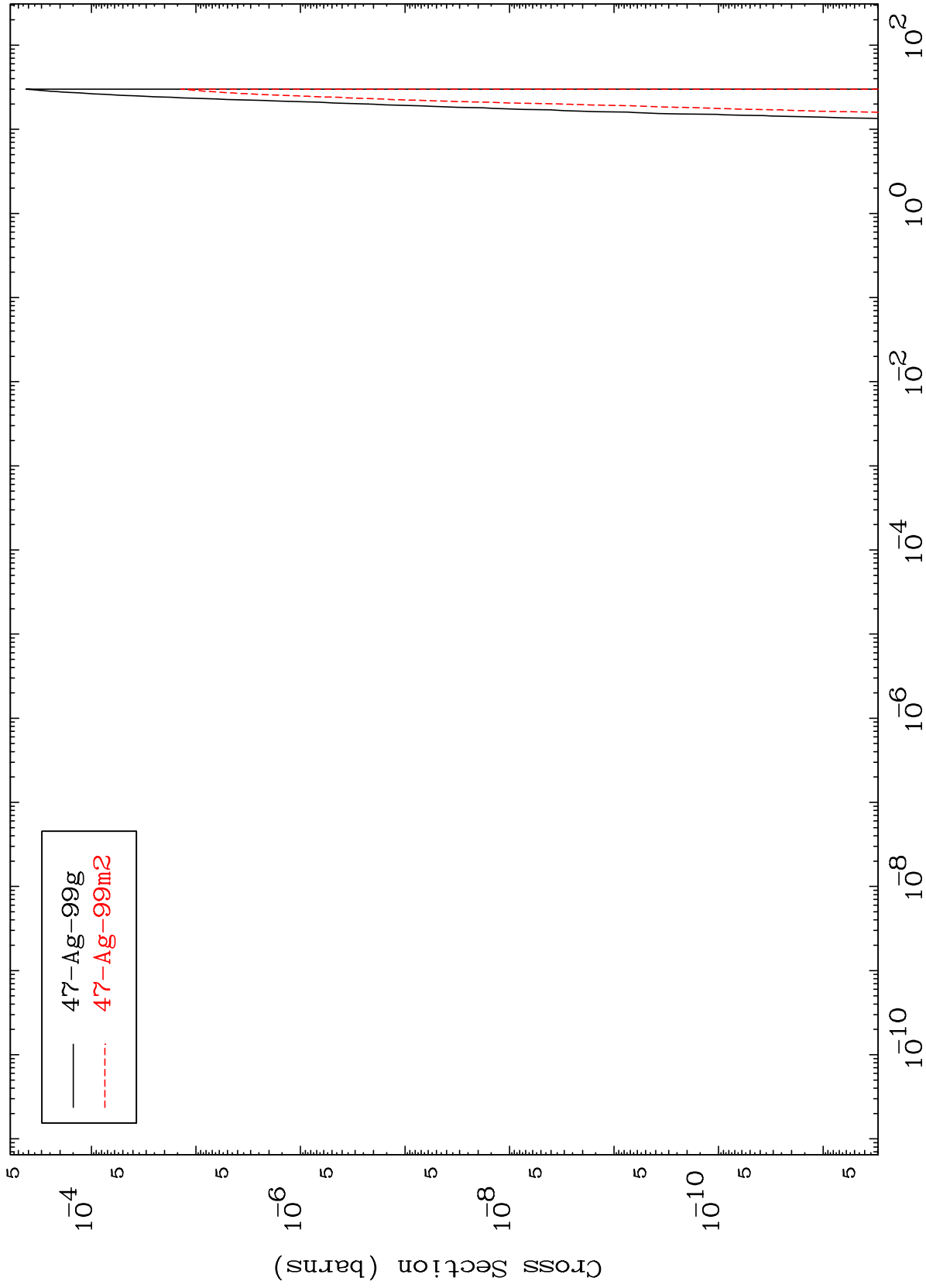
— 49-In-103g
- - - 49-In-103m1

MAT 5083

(n,n') 2 α

51-Sb-107

Radionuclide Production Cross Section



42

Incident Energy (MeV)

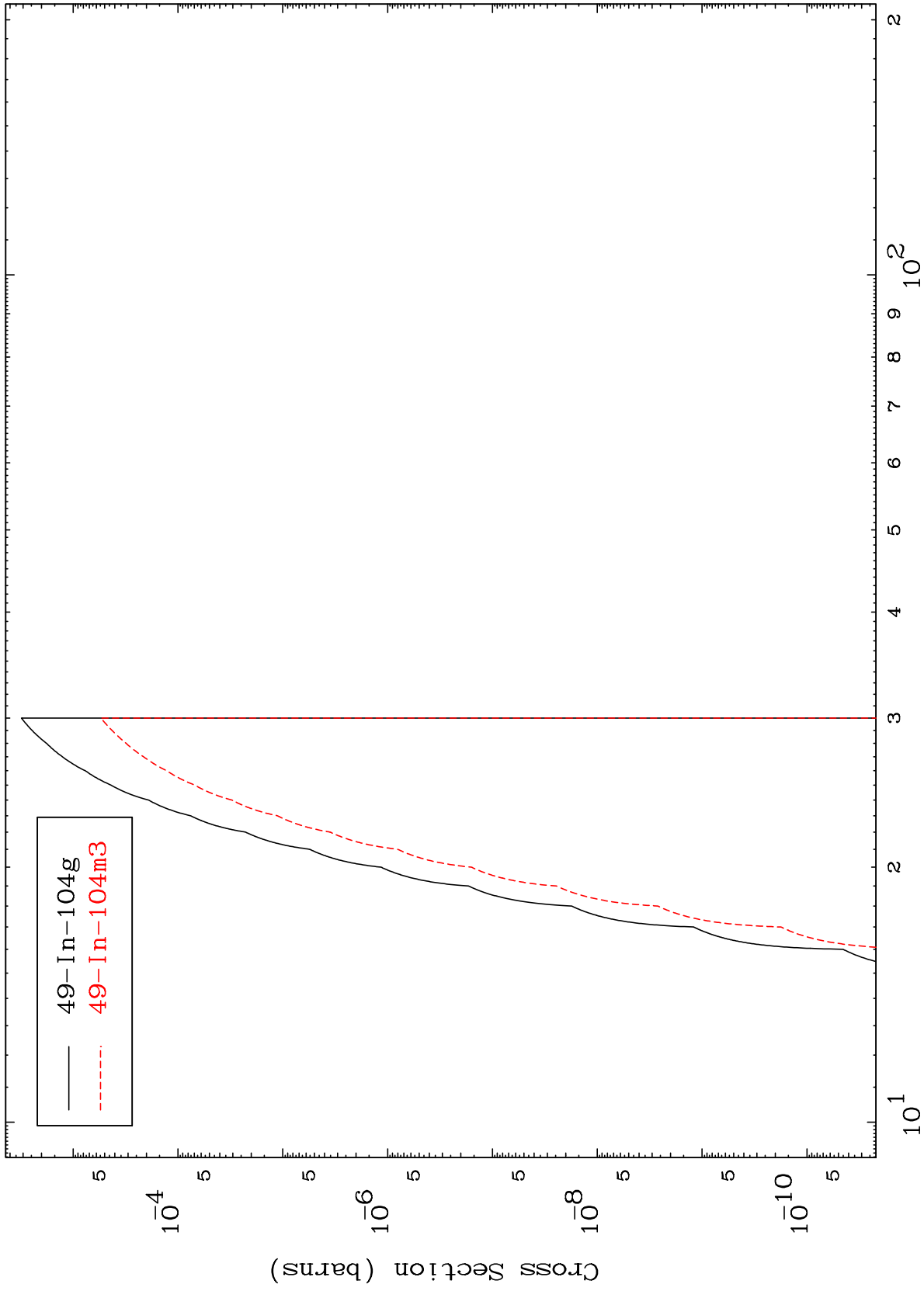
51-Sb-107

MAT 5083

(n, n') He-3

51-Sb-107

Radionuclide Production Cross Section



43

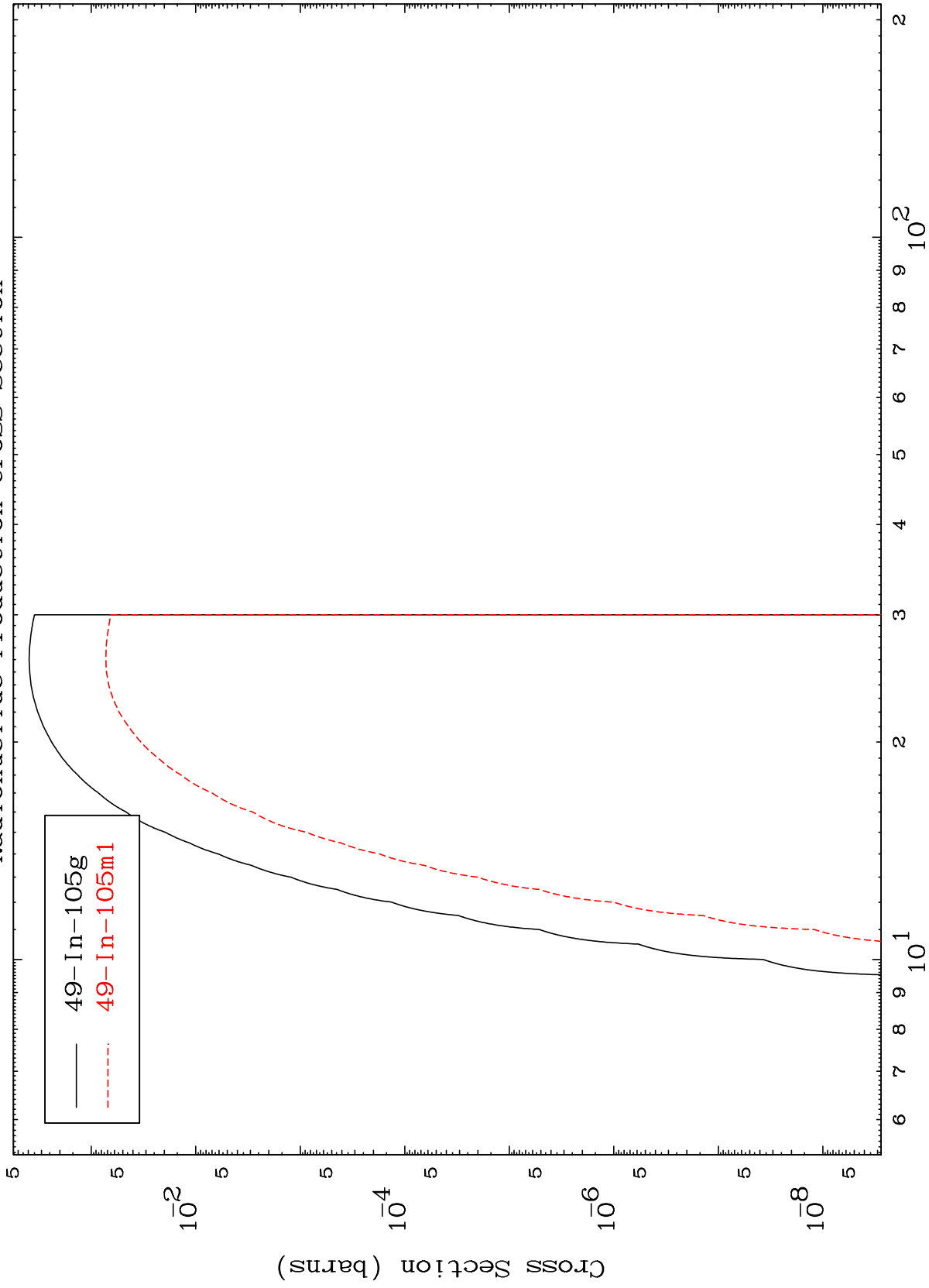
Incident Energy (MeV)

51-Sb-107

MAT 5083

51-Sb-107

(n,2n) p
Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

44

51-Sb-107

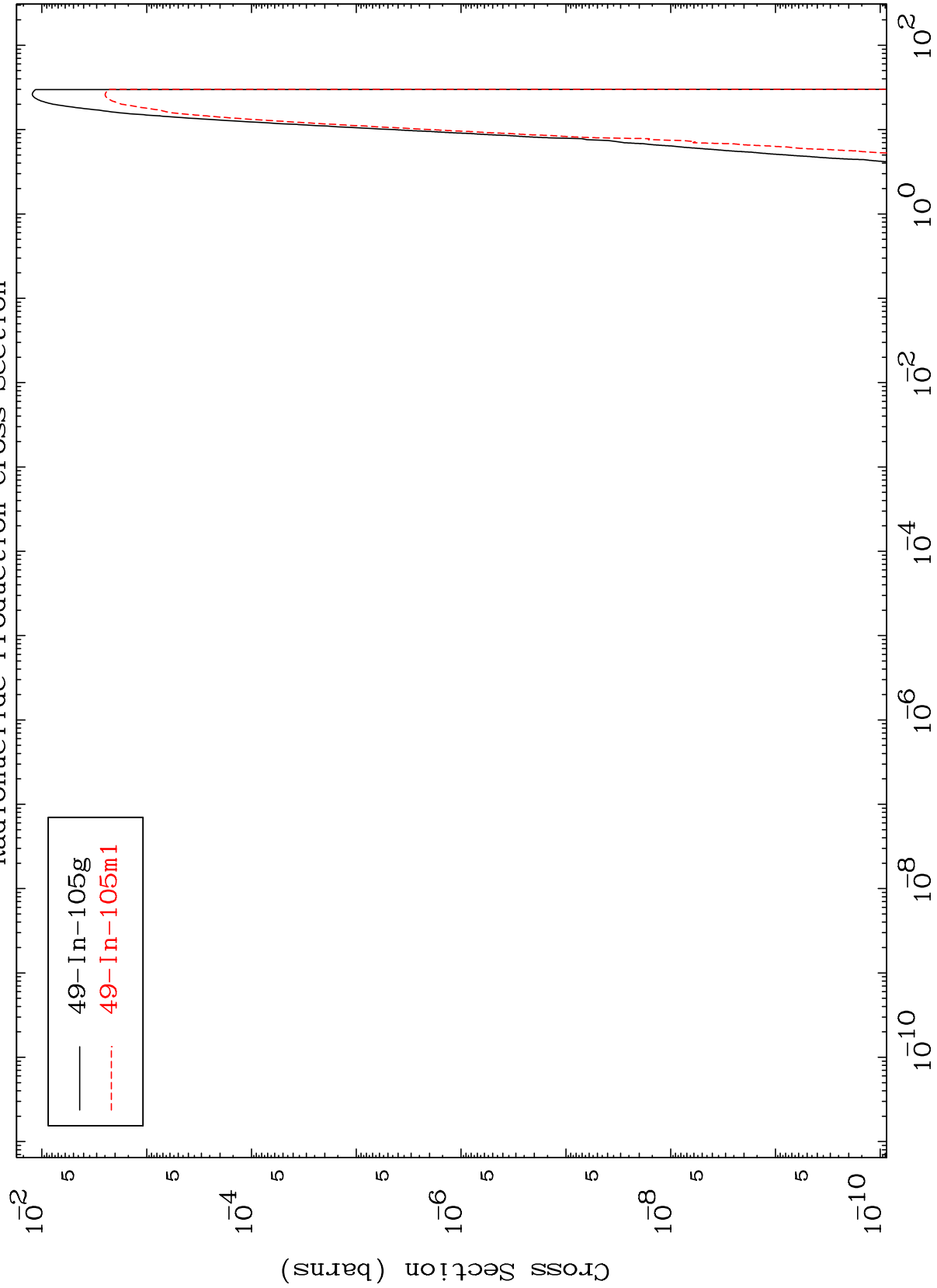
Incident Energy (MeV)

MAT 5083

(n,He-3)

51-Sb-107

Radionuclide Production Cross Section



49-In-105g
49-In-105m1

45

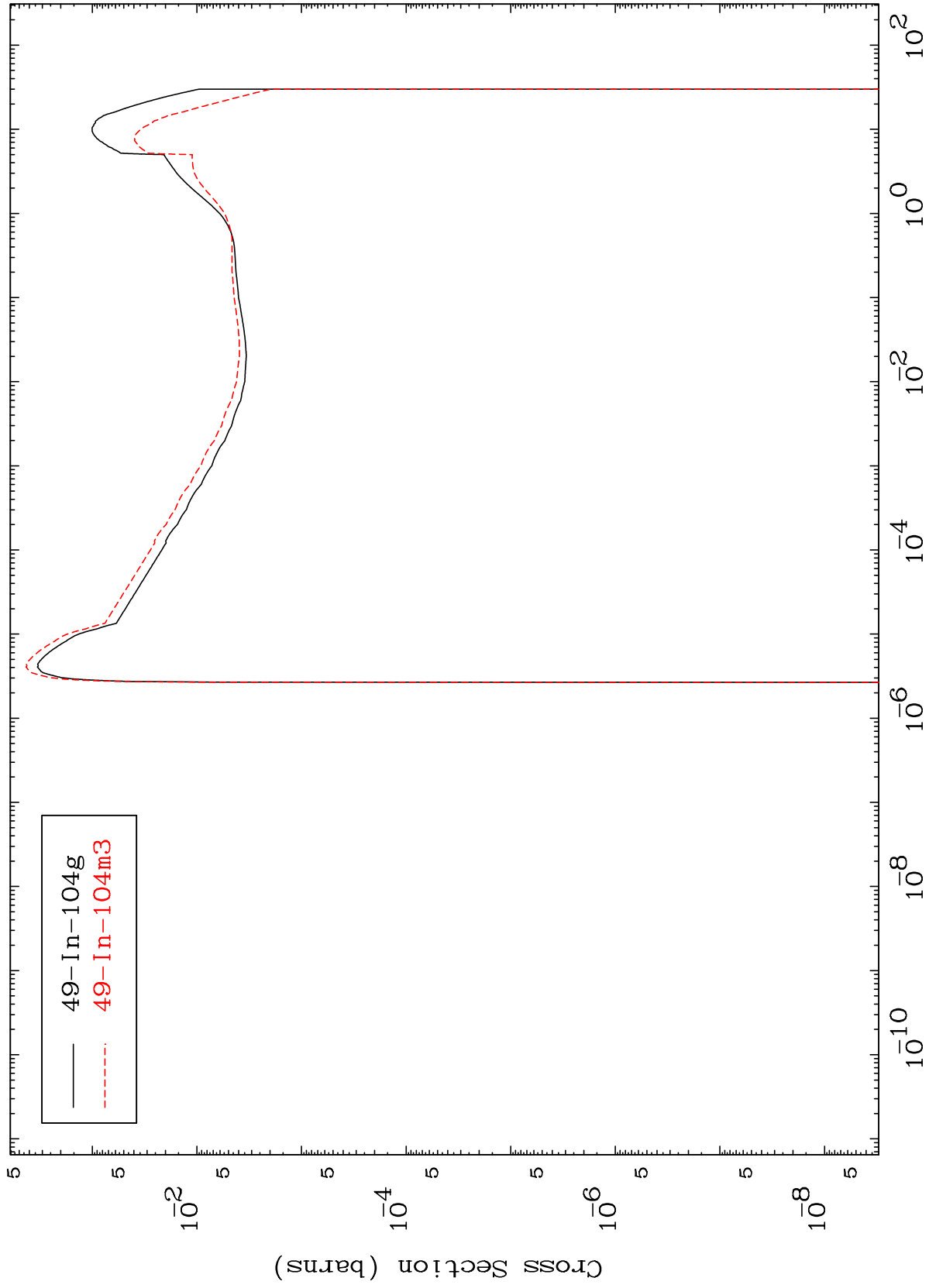
Incident Energy (MeV)

51-Sb-107

MAT 5083

51-Sb-107

Radionuclide Production Cross Section



49-In-104g
49-In-104m3

46

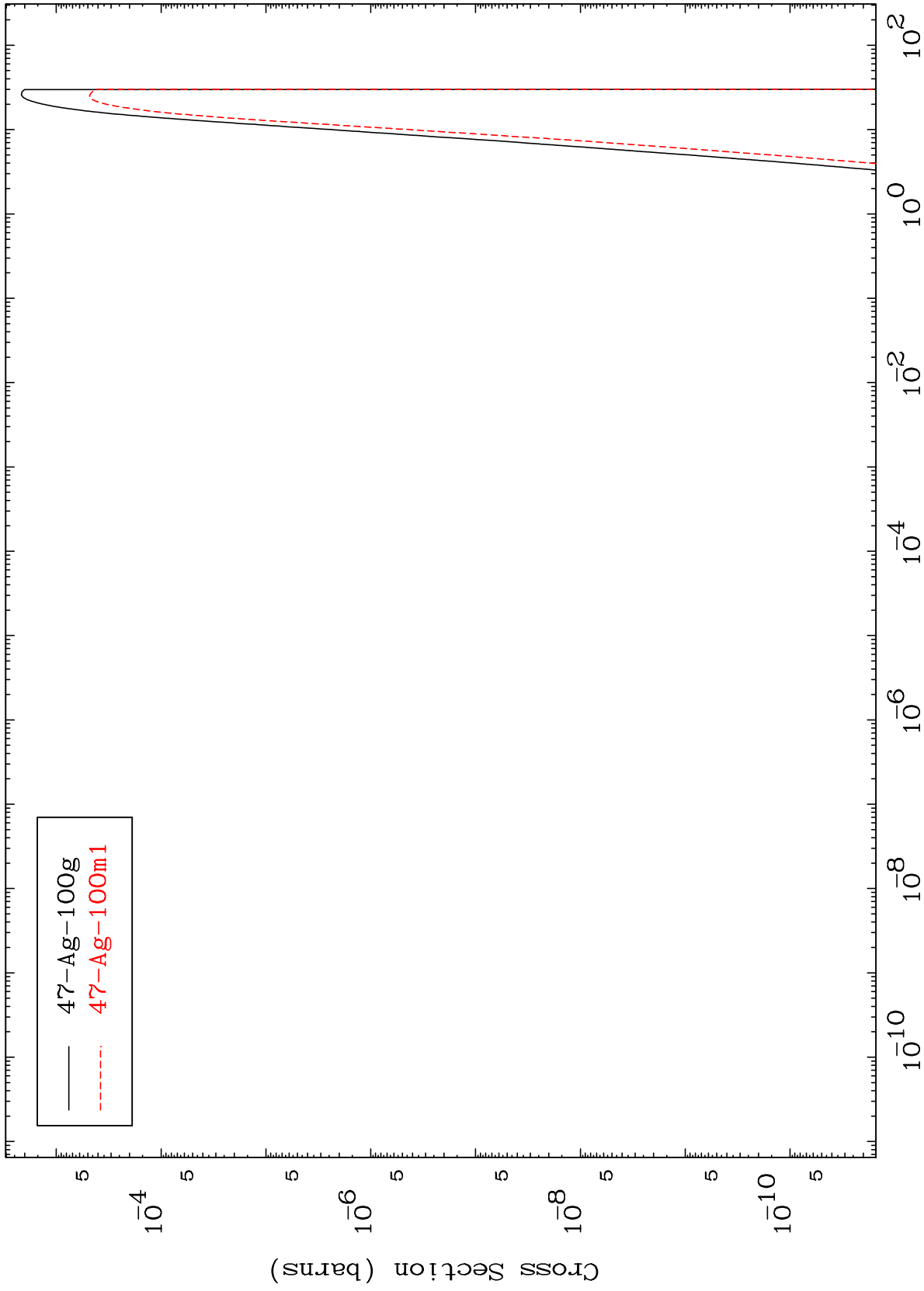
51-Sb-107

MAT 5083

(n,2α)

51-Sb-107

Radionuclide Production Cross Section



47

Incident Energy (MeV)

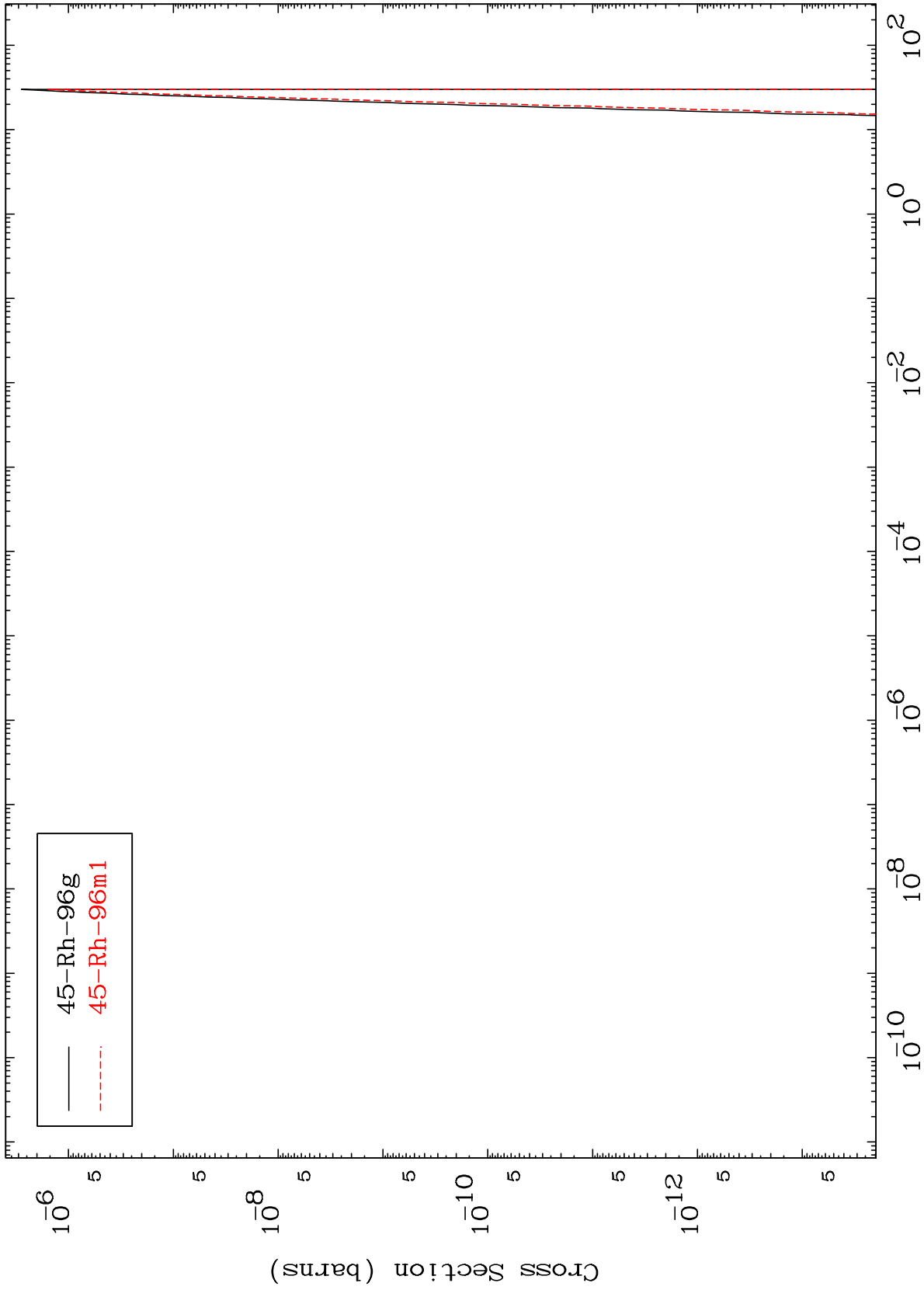
51-Sb-107

MAT 5083

(n,3α)

51-Sb-107

Radionuclide Production Cross Section



48

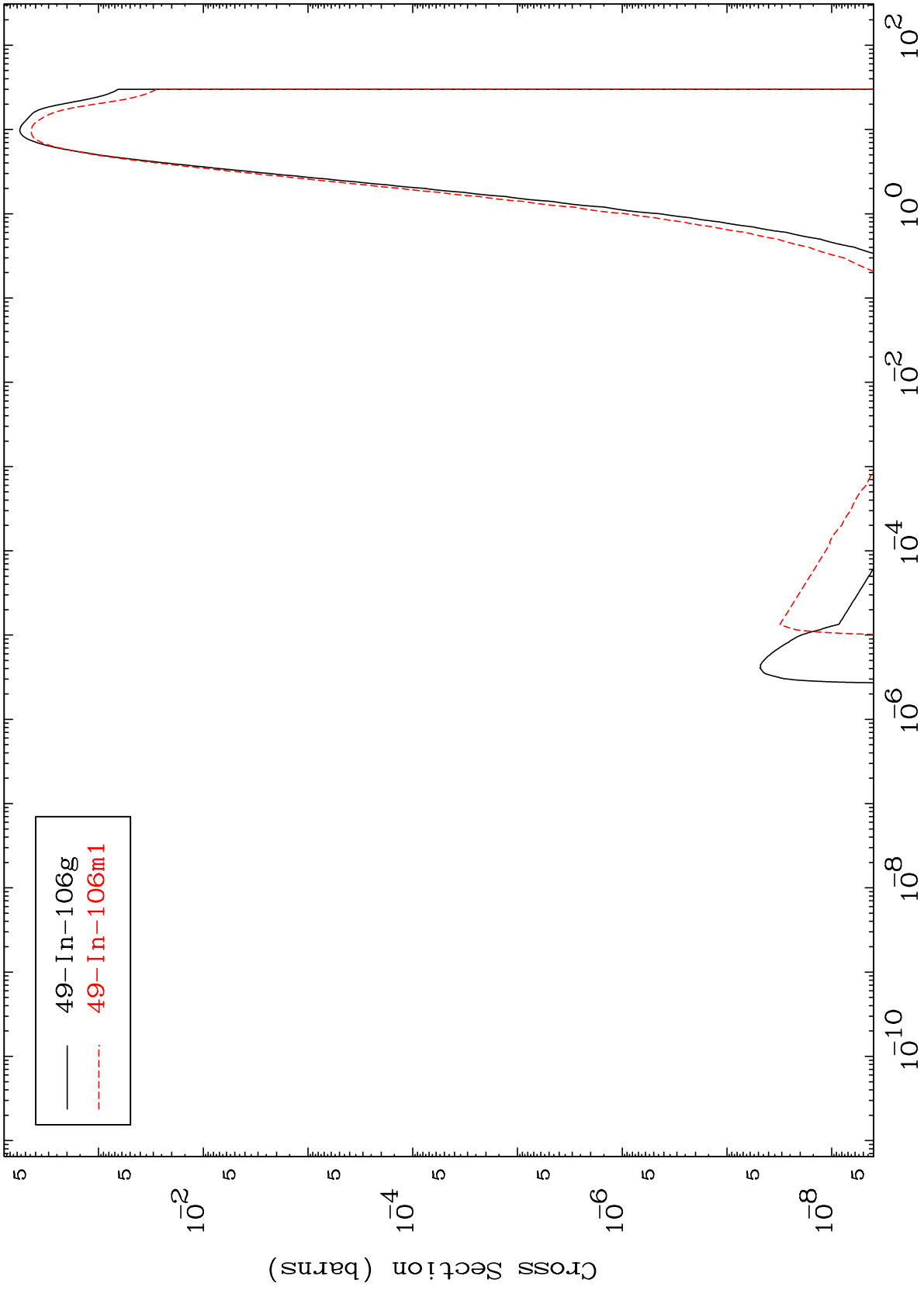
Incident Energy (MeV)

51-Sb-107

MAT 5083

Radionuclide Production Cross Section
(n,2p)

51-Sb-107



— 49-In-106g
- - - 49-In-106m1

49

Incident Energy (MeV)

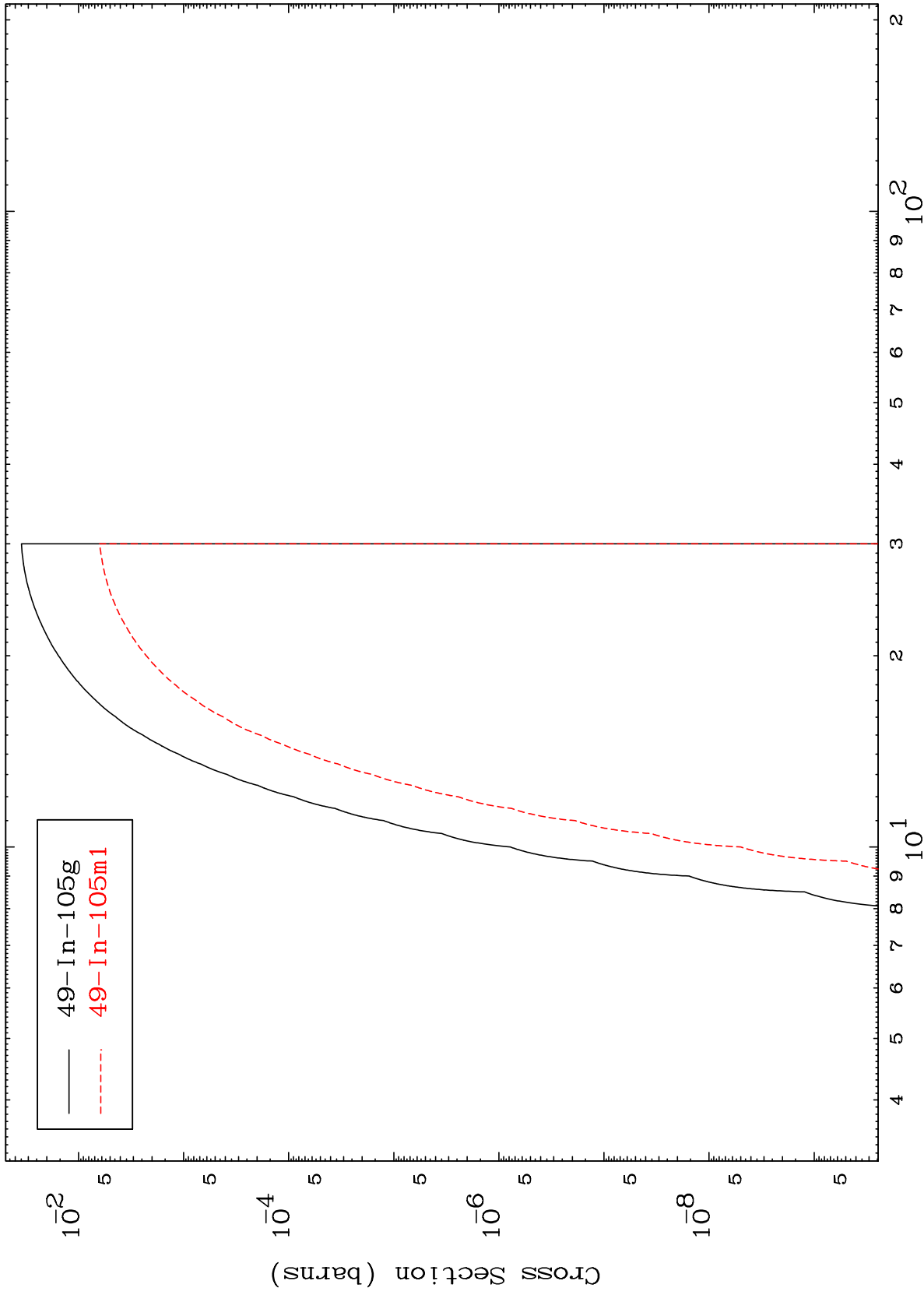
51-Sb-107

MAT 5083

(n,p) d

51-Sb-107

Radionuclide Production Cross Section



50

Incident Energy (MeV)

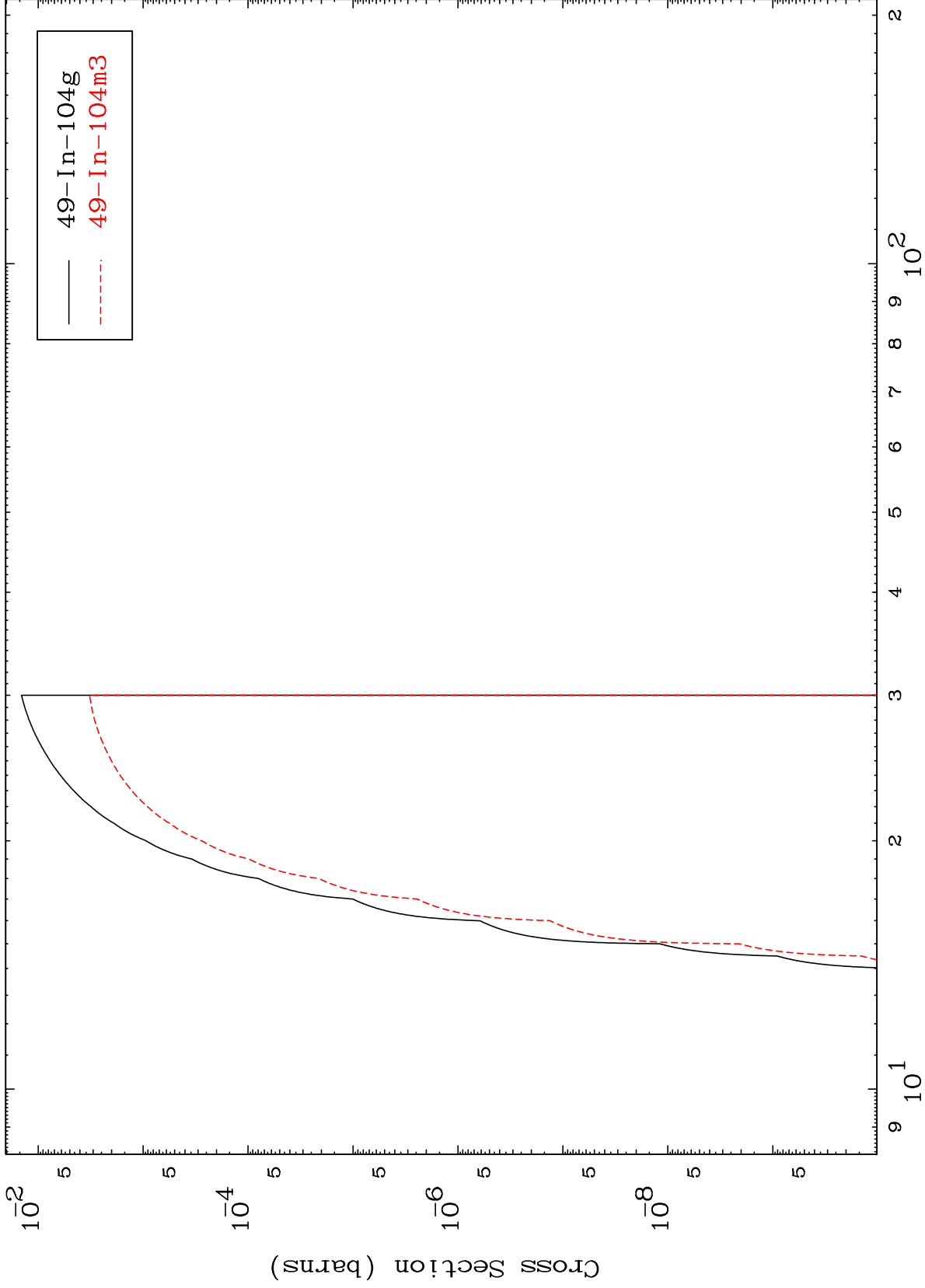
51-Sb-107

MAT 5083

(n,p) t

51-Sb-107

Radionuclide Production Cross Section



51

Incident Energy (MeV)

51-Sb-107