

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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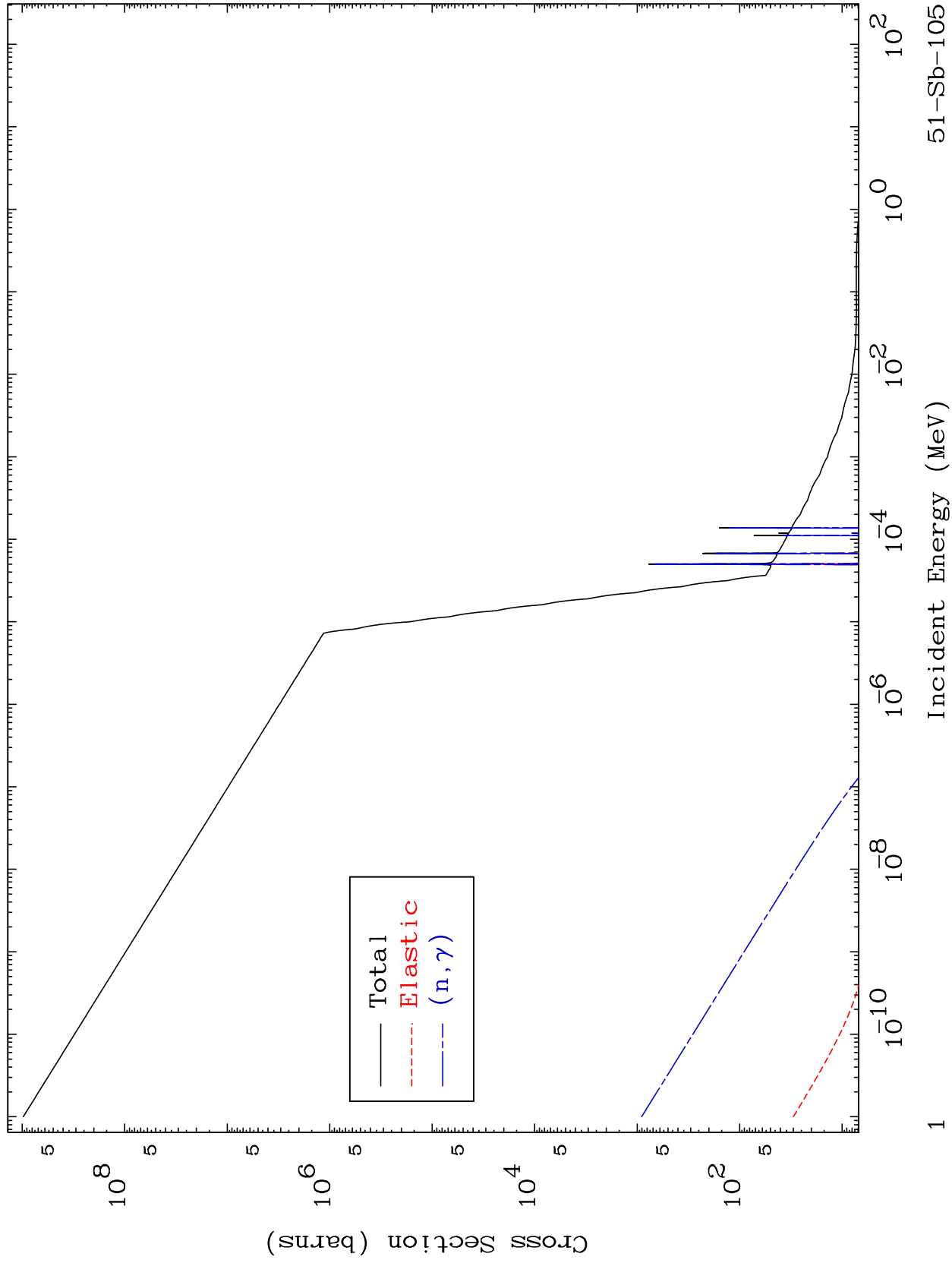
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5077

Major
293 Kelvin Cross Sections

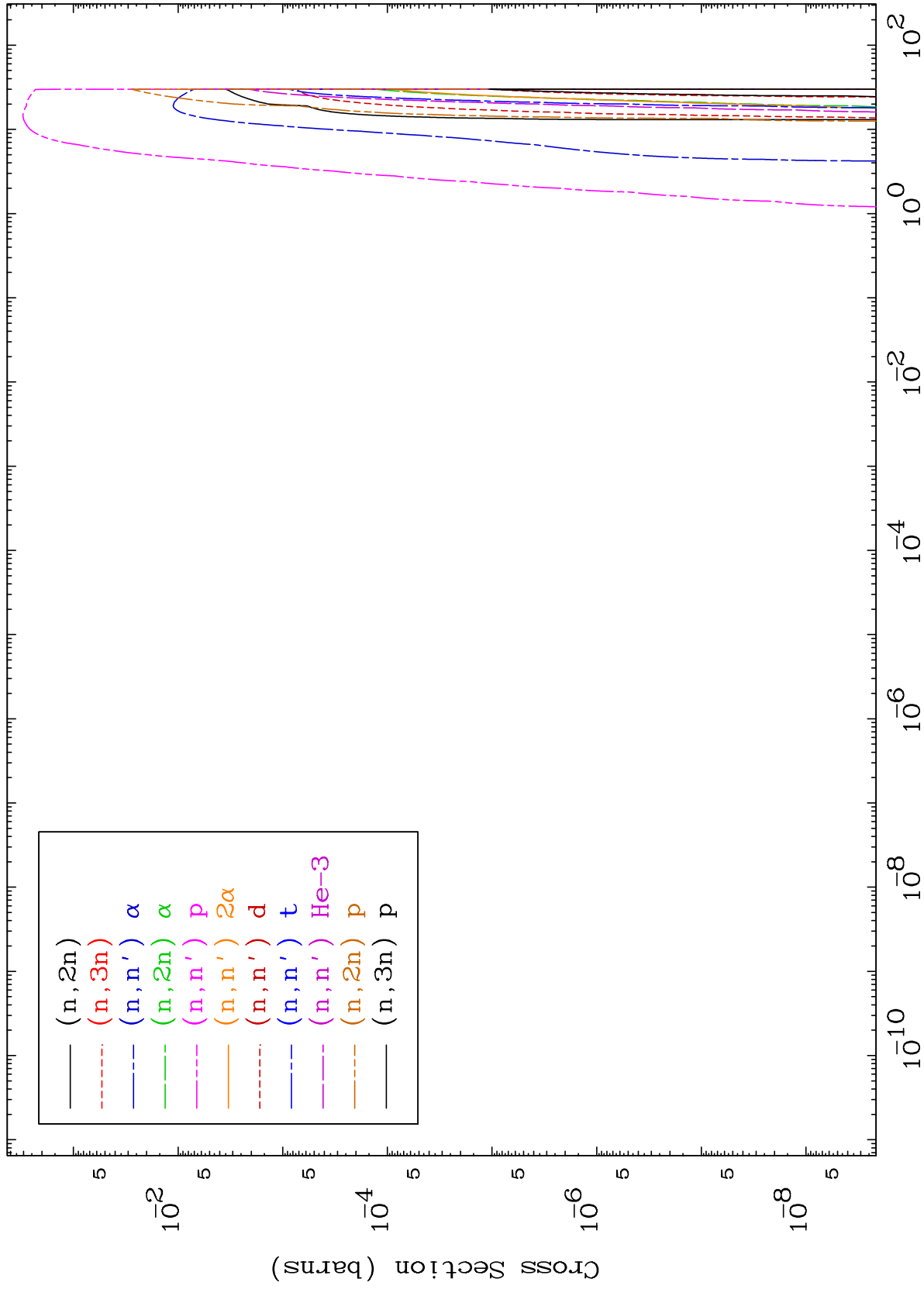
51-Sb-105



MAT 5077

Neutron Production
293 Kelvin Cross Sections

51-Sb-105

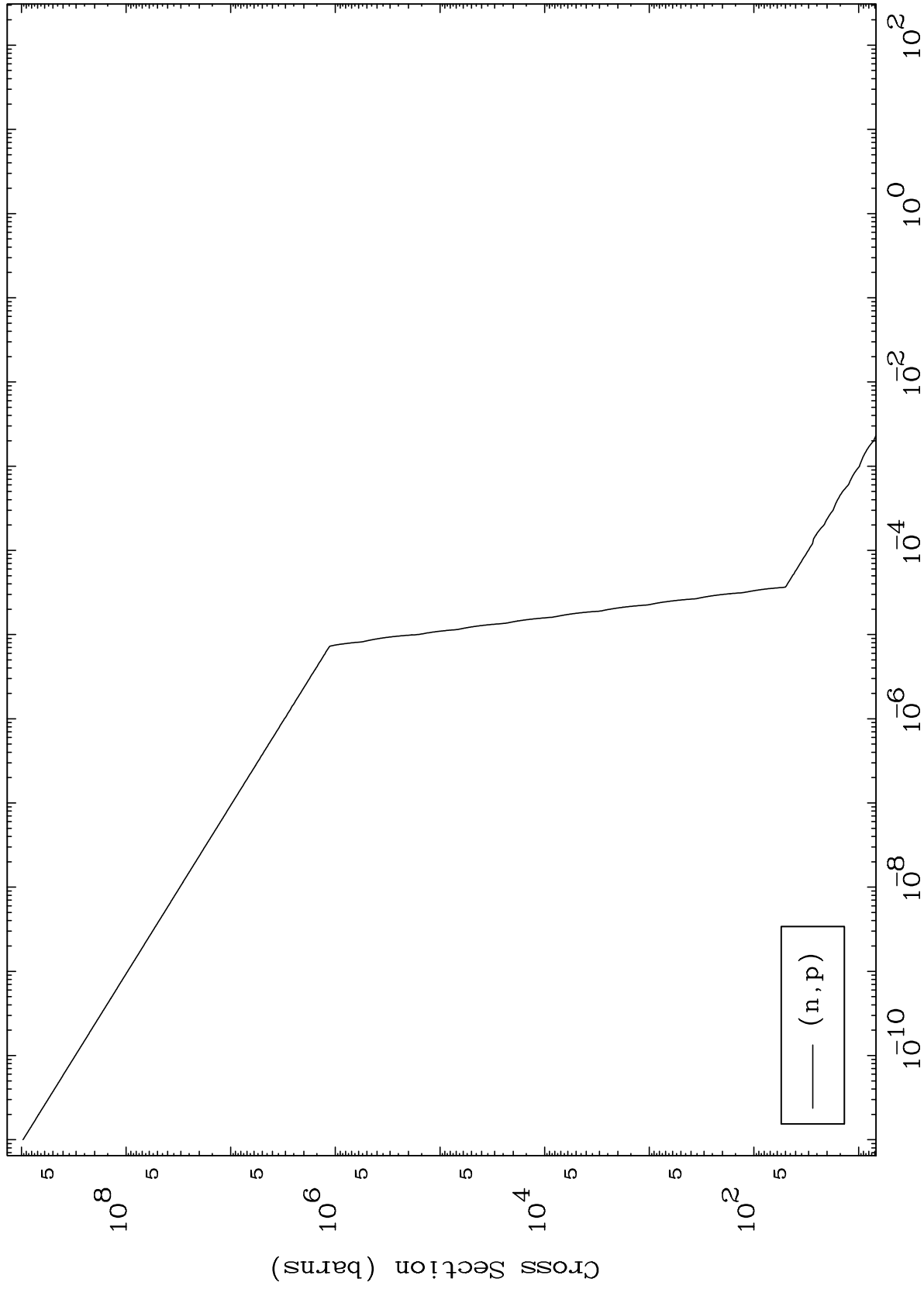


51-Sb-105

MAT 5077

Charged Particle
293 Kelvin Cross Sections

51-Sb-105



3

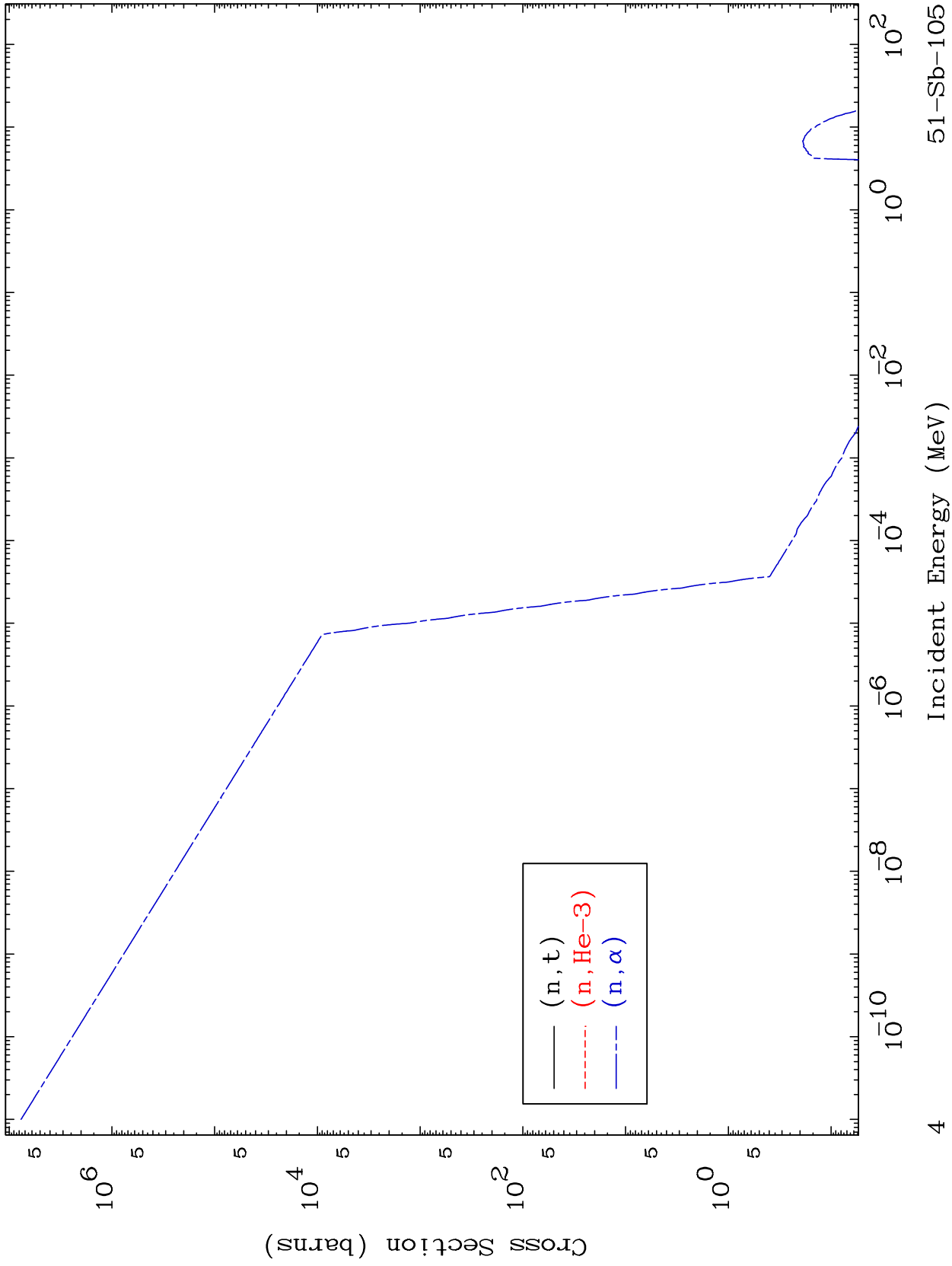
Incident Energy (MeV)

51-Sb-105

MAT 5077

Charged Particle
293 Kelvin Cross Sections

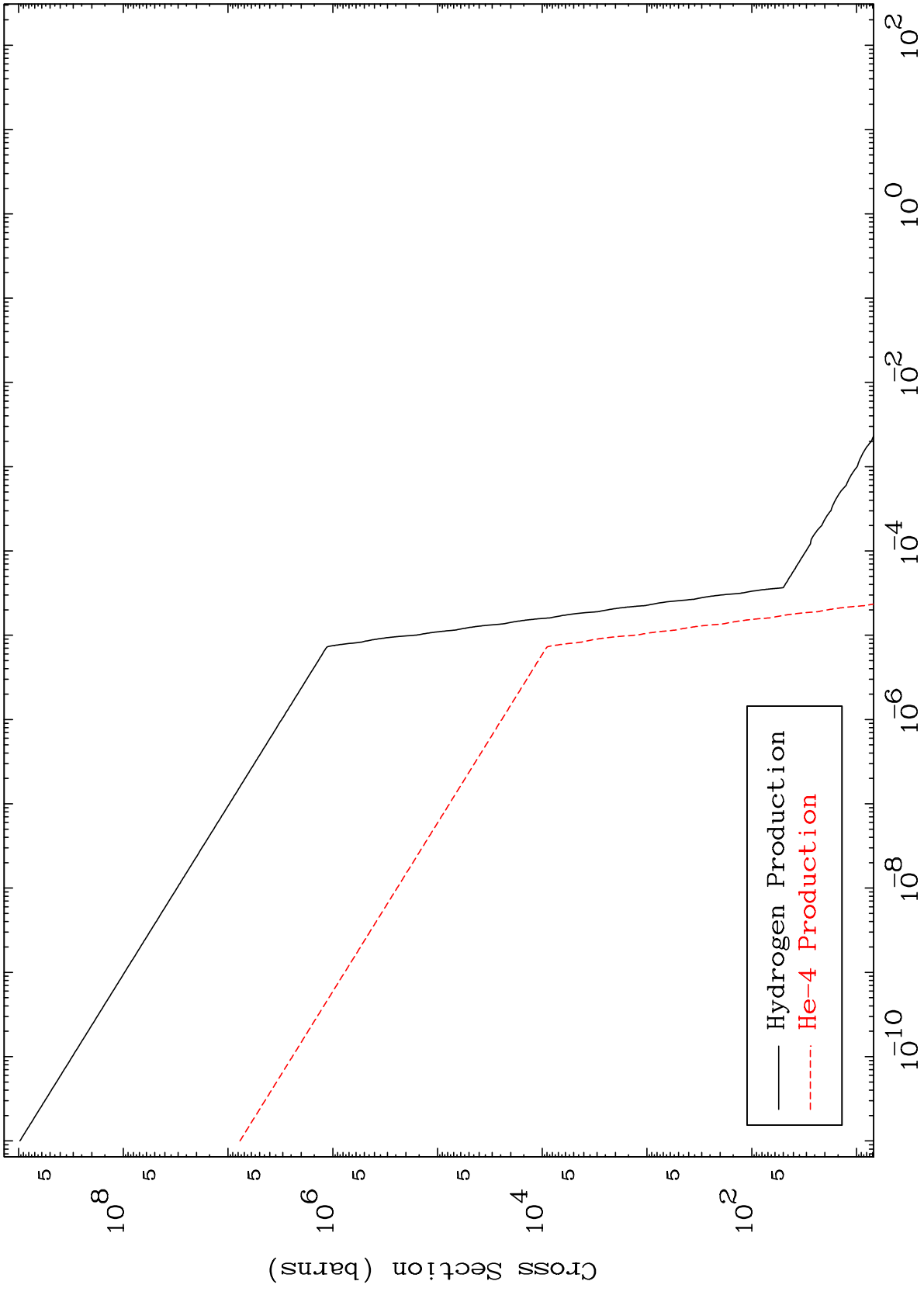
51-Sb-105



MAT 5077

Particle Production
293 Kelvin Cross Sections

51-Sb-105



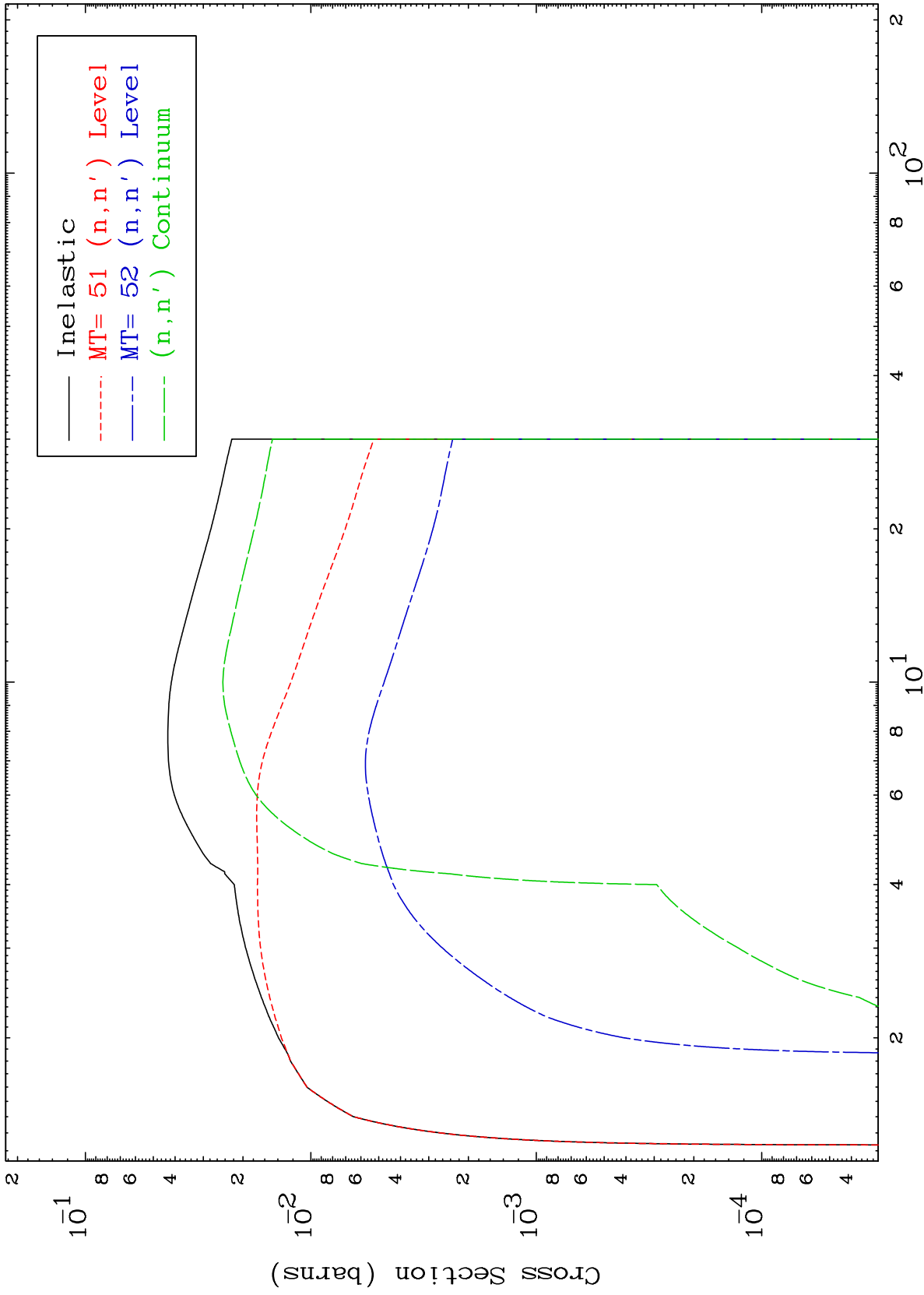
5

51-Sb-105

MAT 5077

(n,n') Level
293 Kelvin Cross Sections

51-Sb-105



6

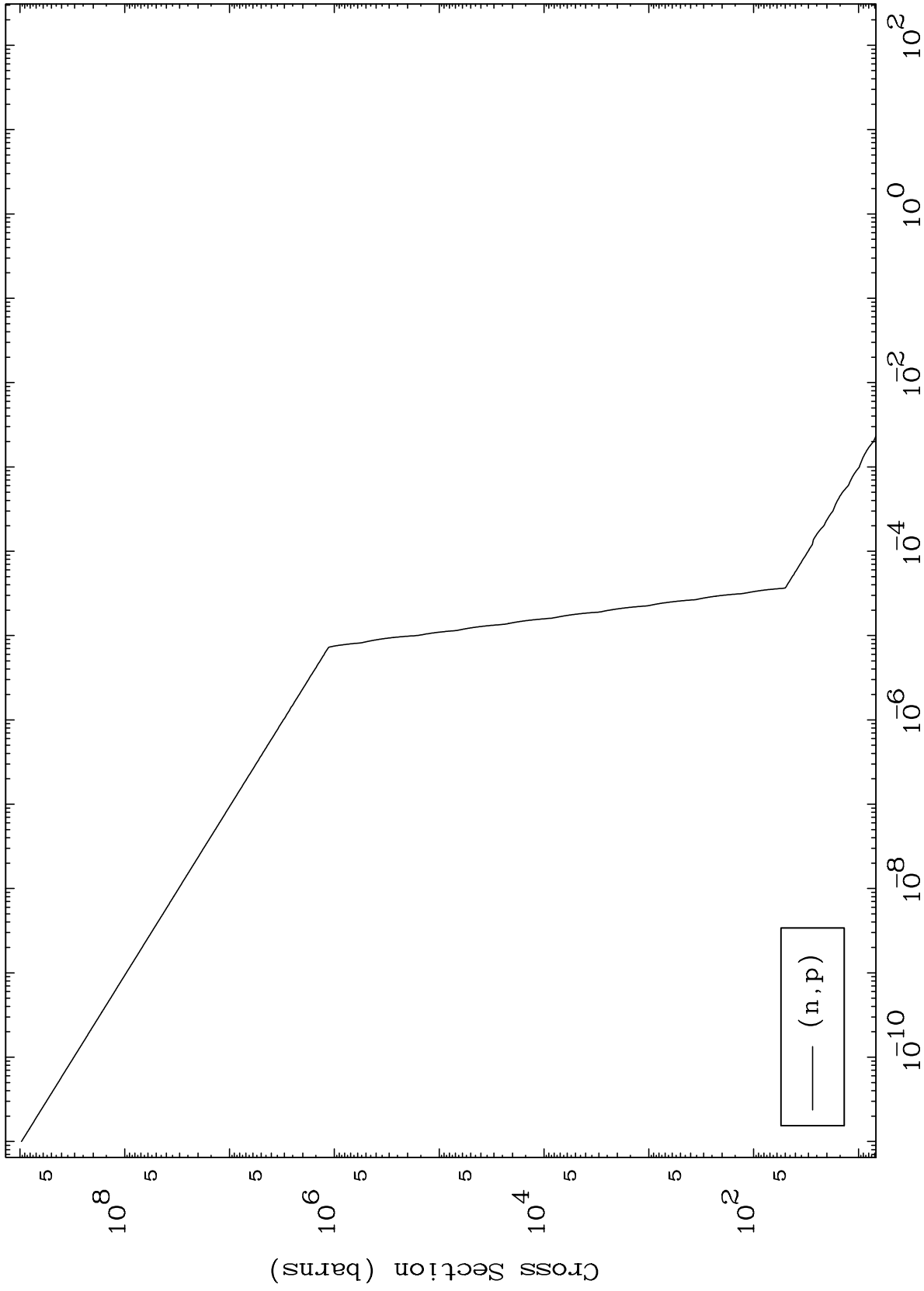
Incident Energy (MeV)

51-Sb-105

MAT 5077

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-105



7

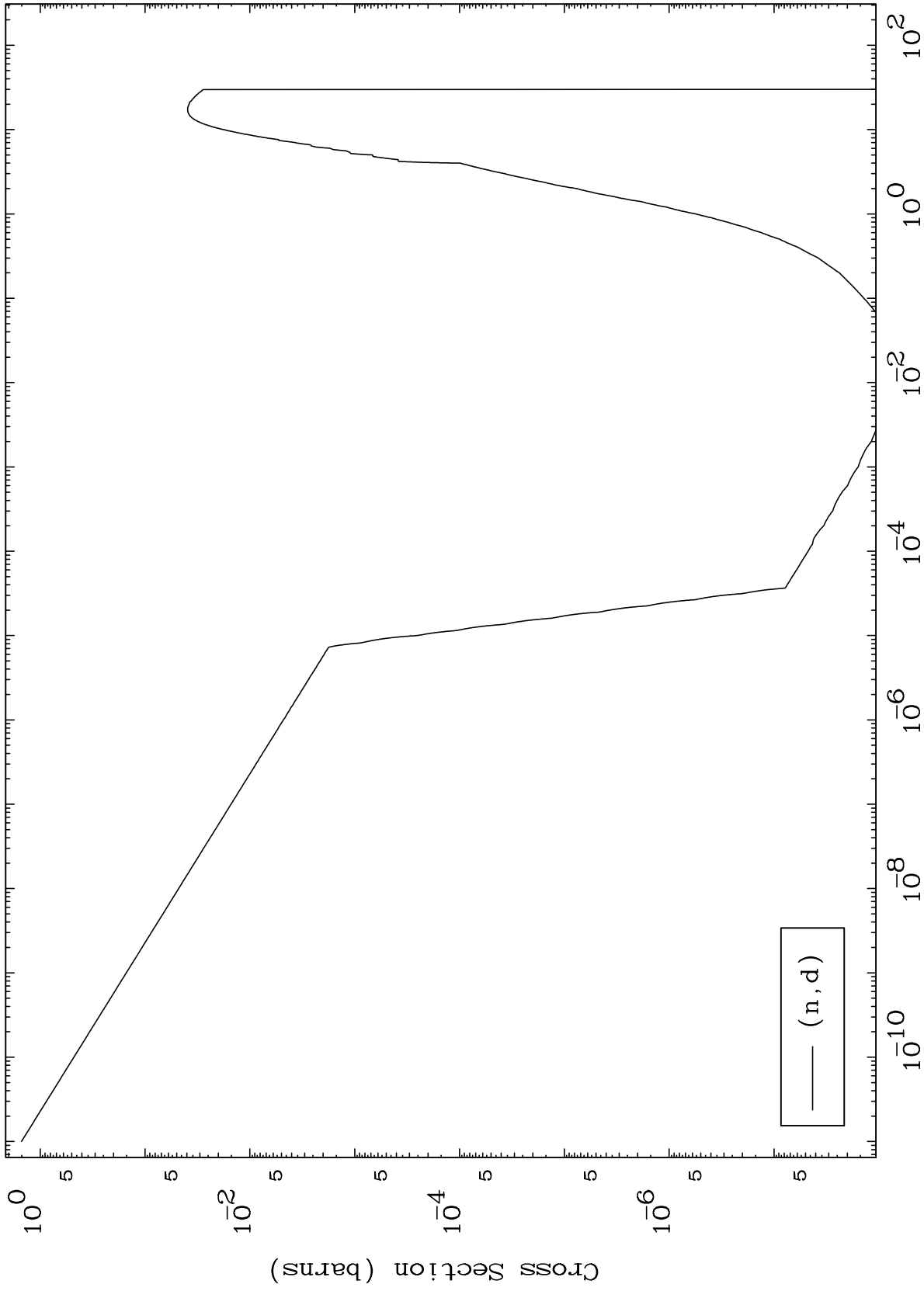
Incident Energy (MeV)

51-Sb-105

MAT 5077

(n,d) Levels
293 Kelvin Cross Sections

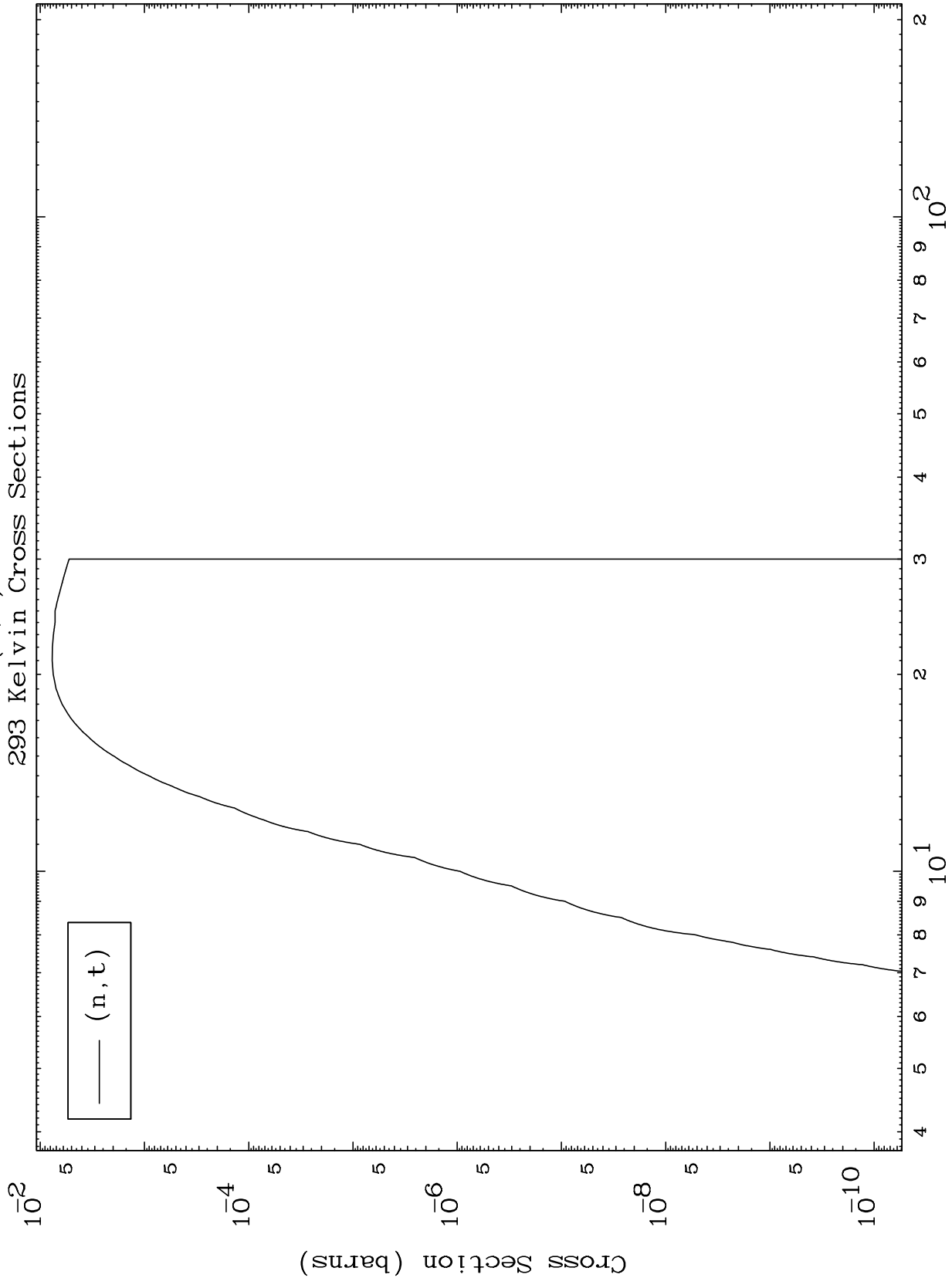
51-Sb-105



MAT 5077

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-105



(n,t)

Incident Energy (MeV)

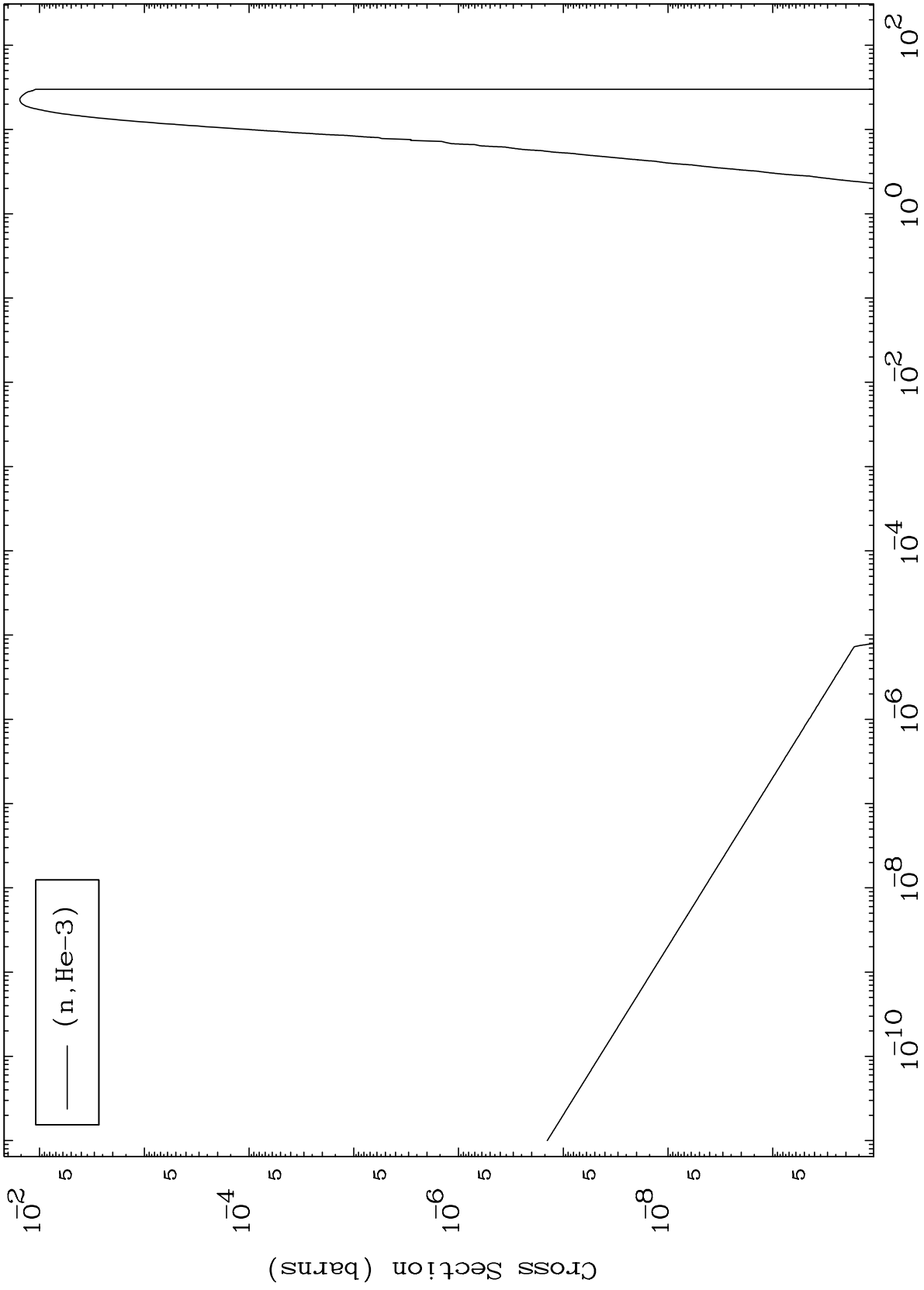
51-Sb-105

9

MAT 5077

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-105



10

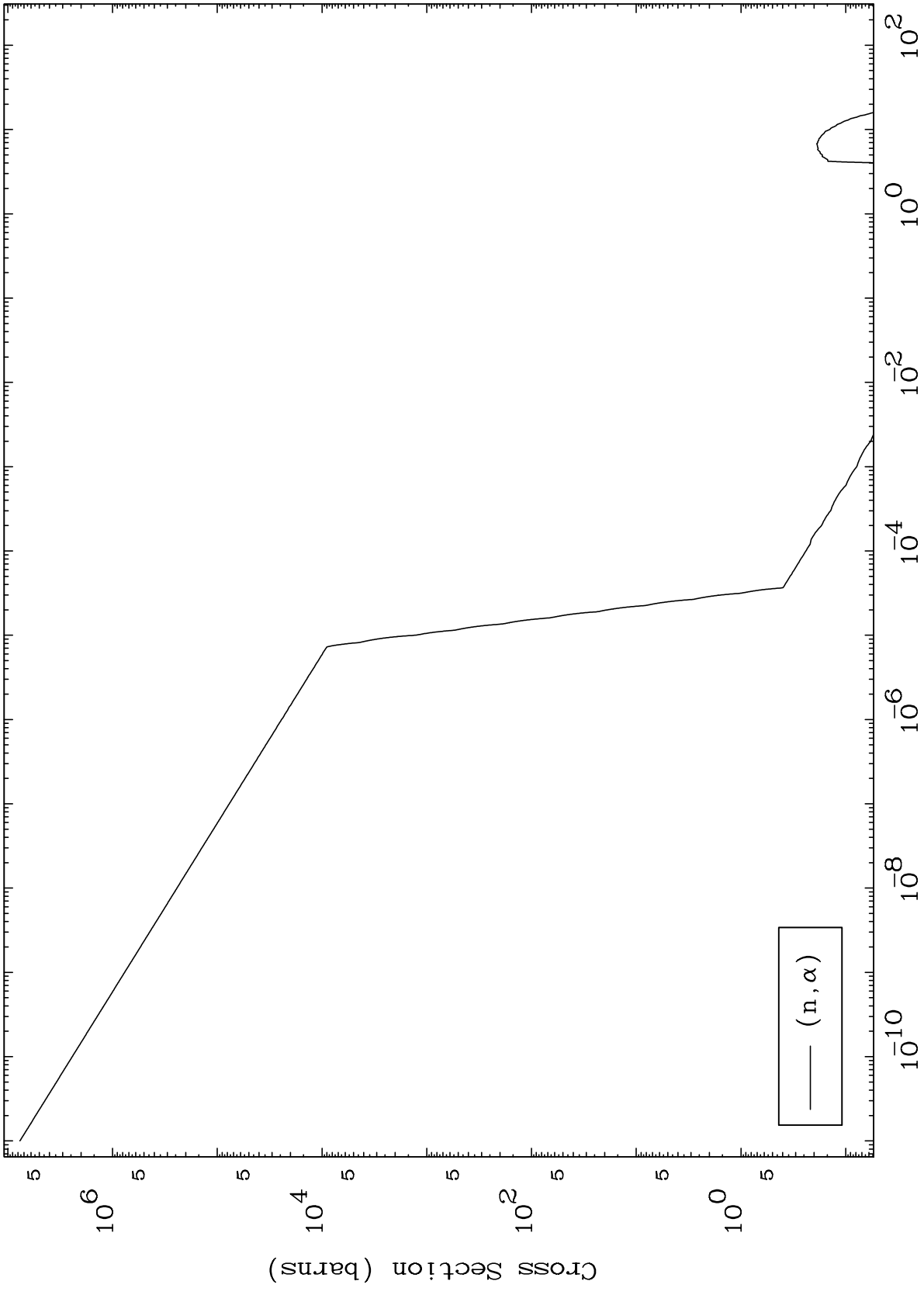
Incident Energy (MeV)

51-Sb-105

MAT 5077

(n,α) Levels
293 Kelvin Cross Sections

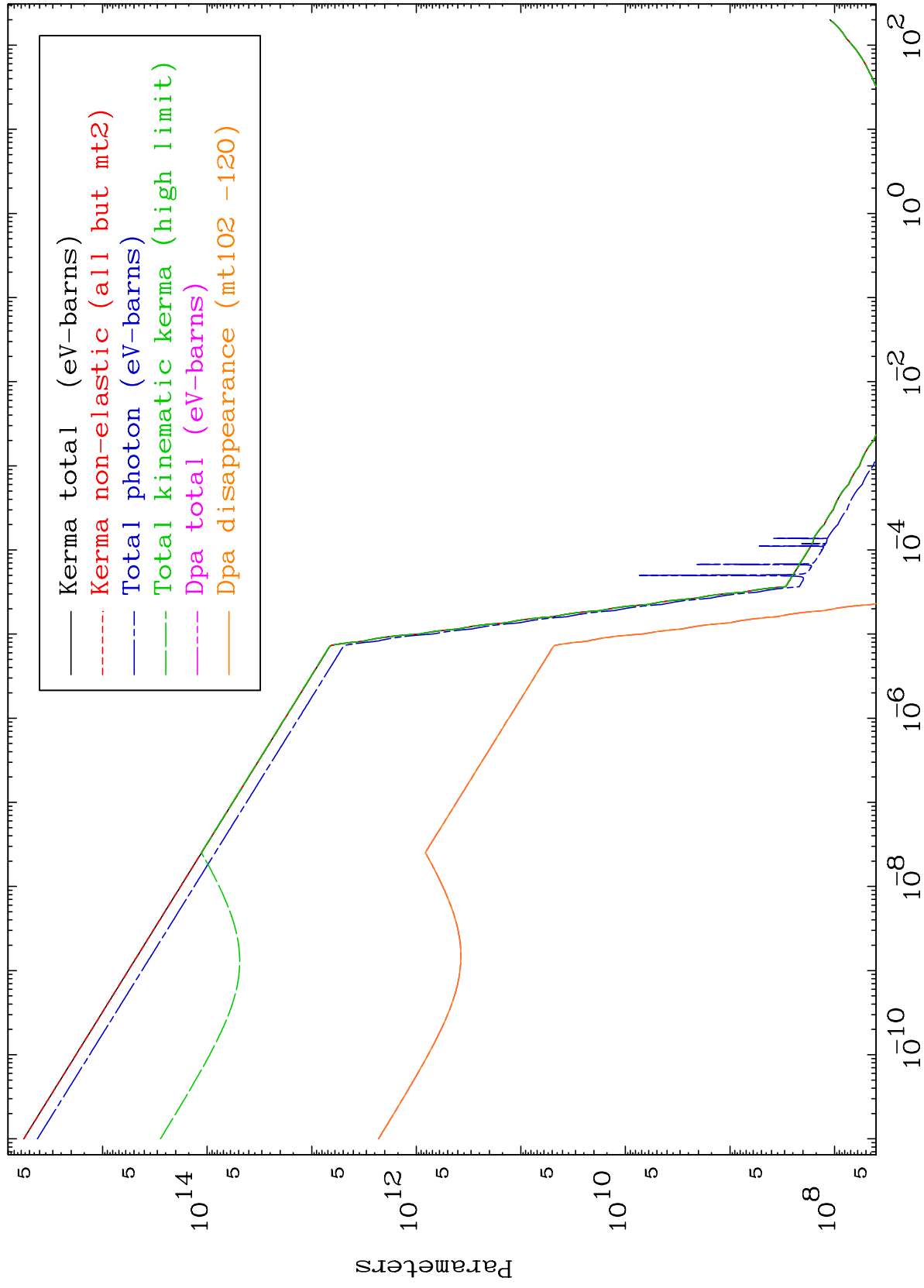
51-Sb-105



11

Incident Energy (MeV)

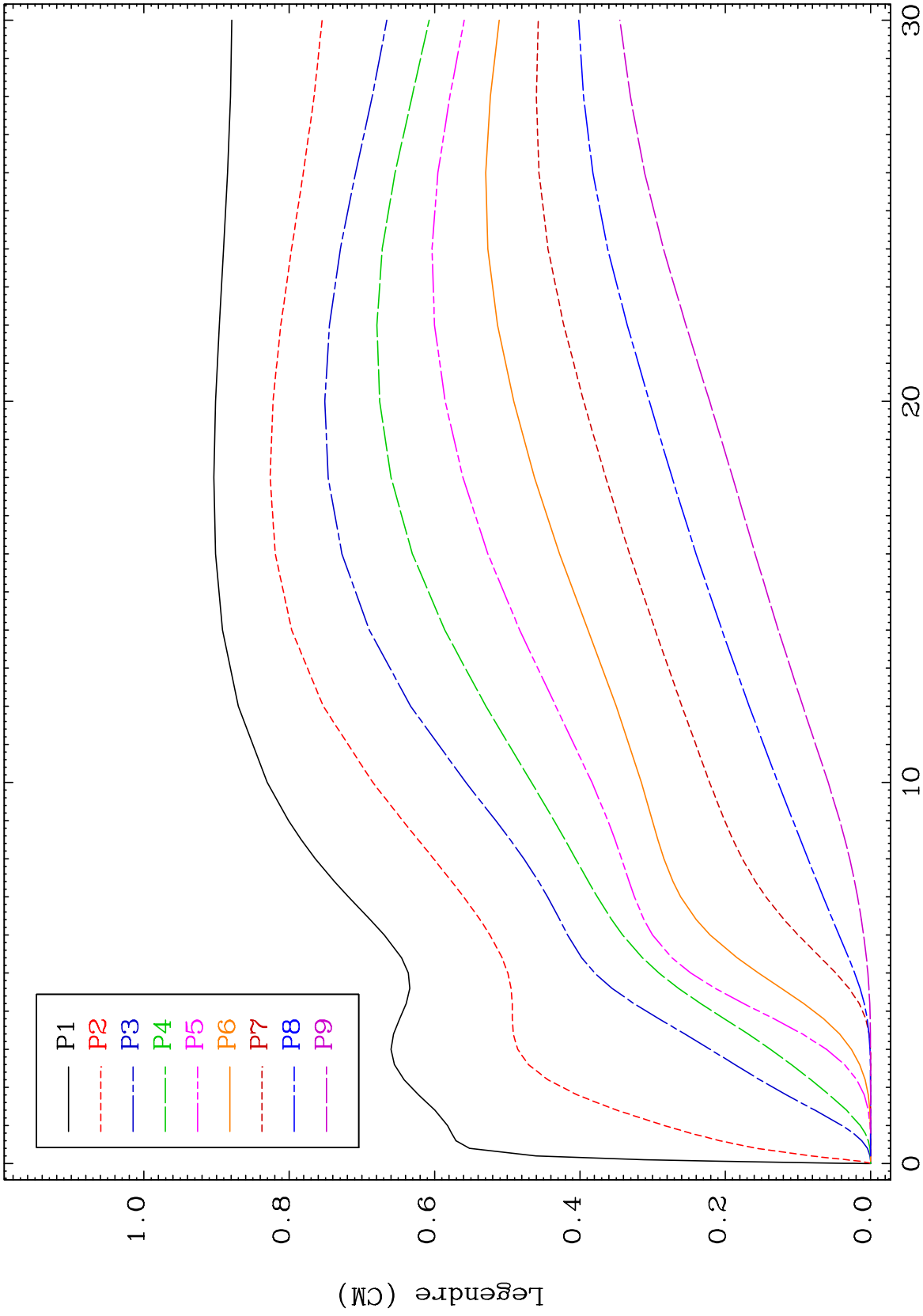
51-Sb-105



MAT 5077

Elastic Legendre Coefficients

51-Sb-105



13

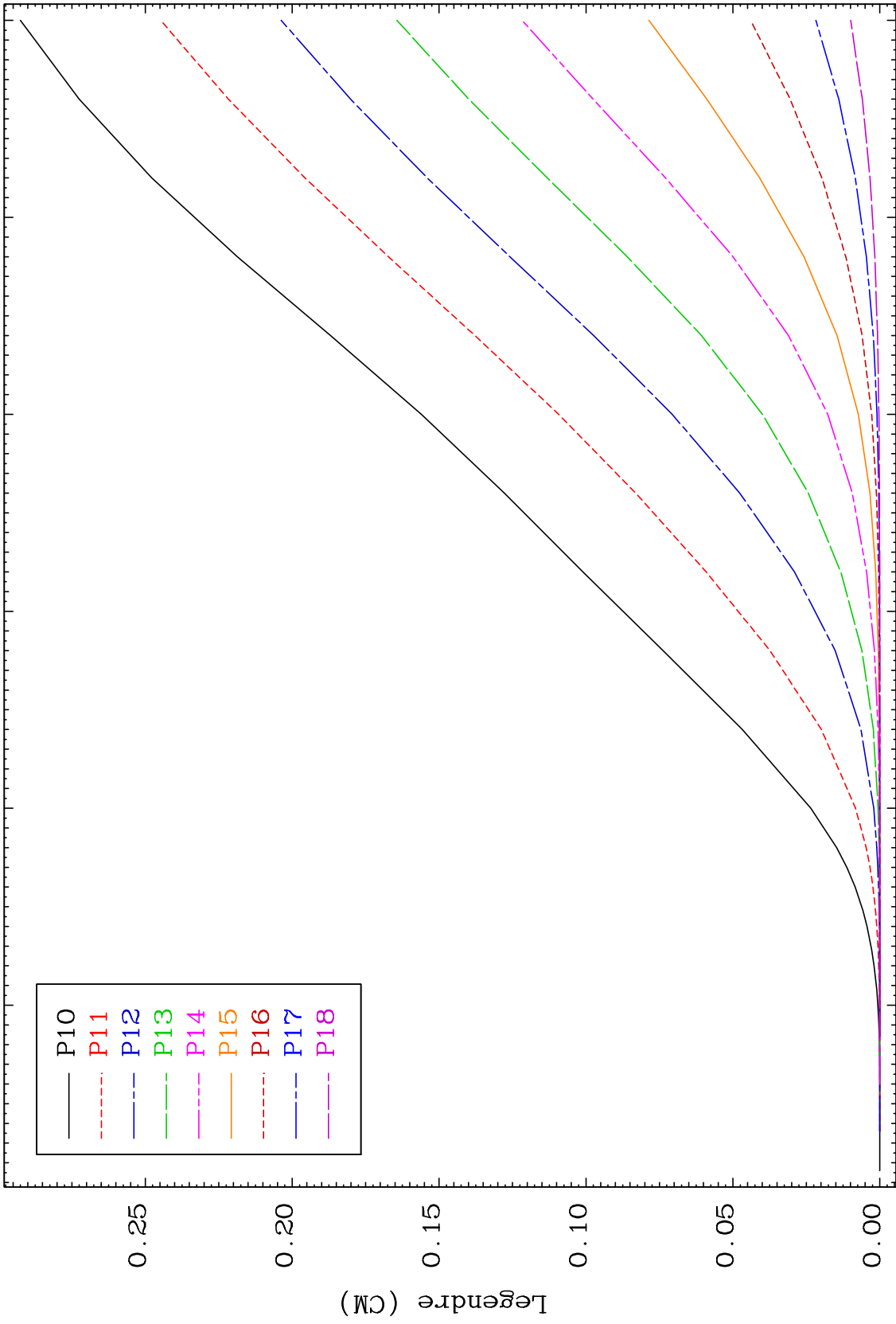
Incident Energy (MeV)

51-Sb-105

MAT 5077

Elastic Legendre Coefficients

51-Sb-105



14

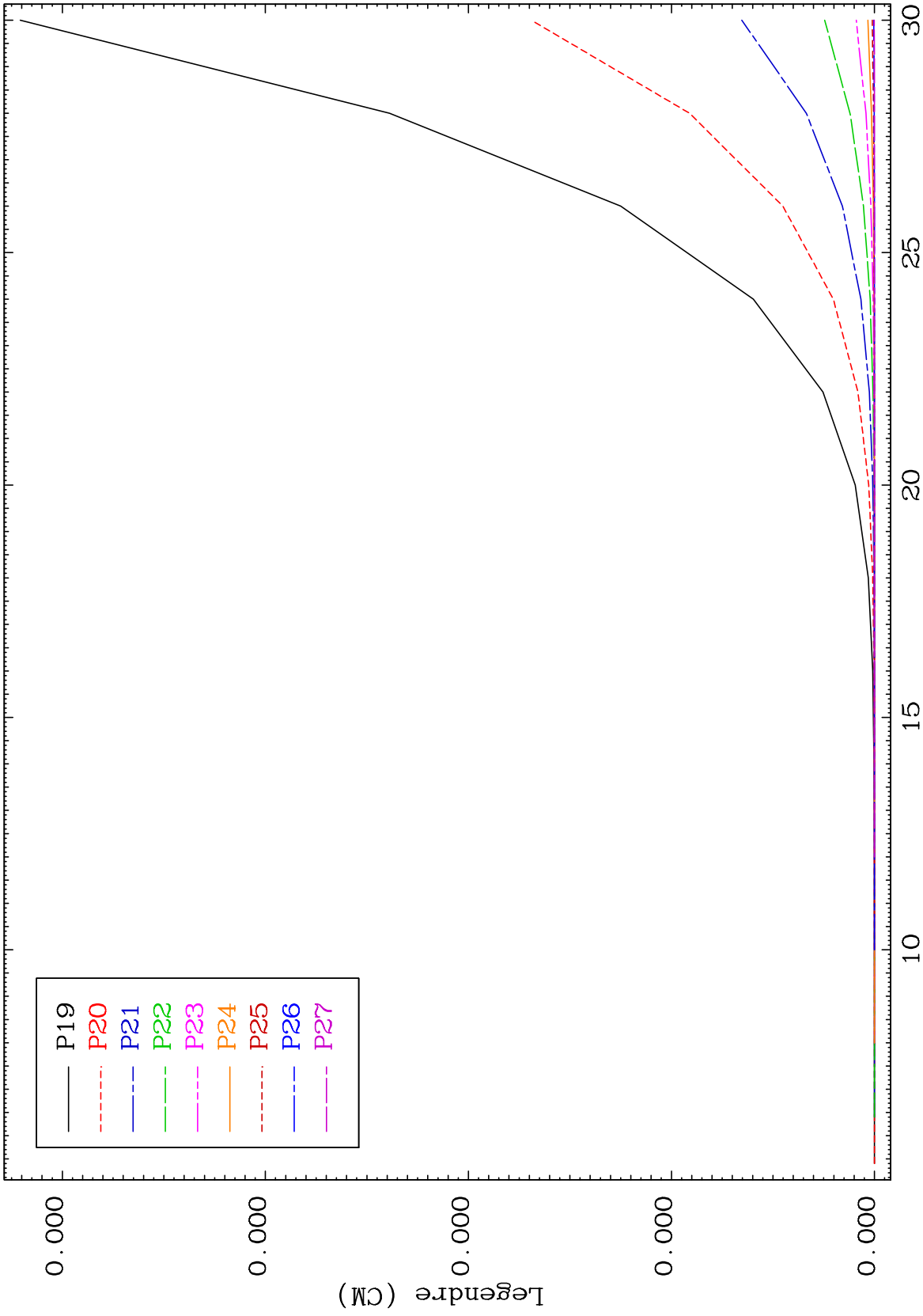
Incident Energy (MeV)

51-Sb-105

MAT 5077

Elastic Legendre Coefficients

51-Sb-105



15

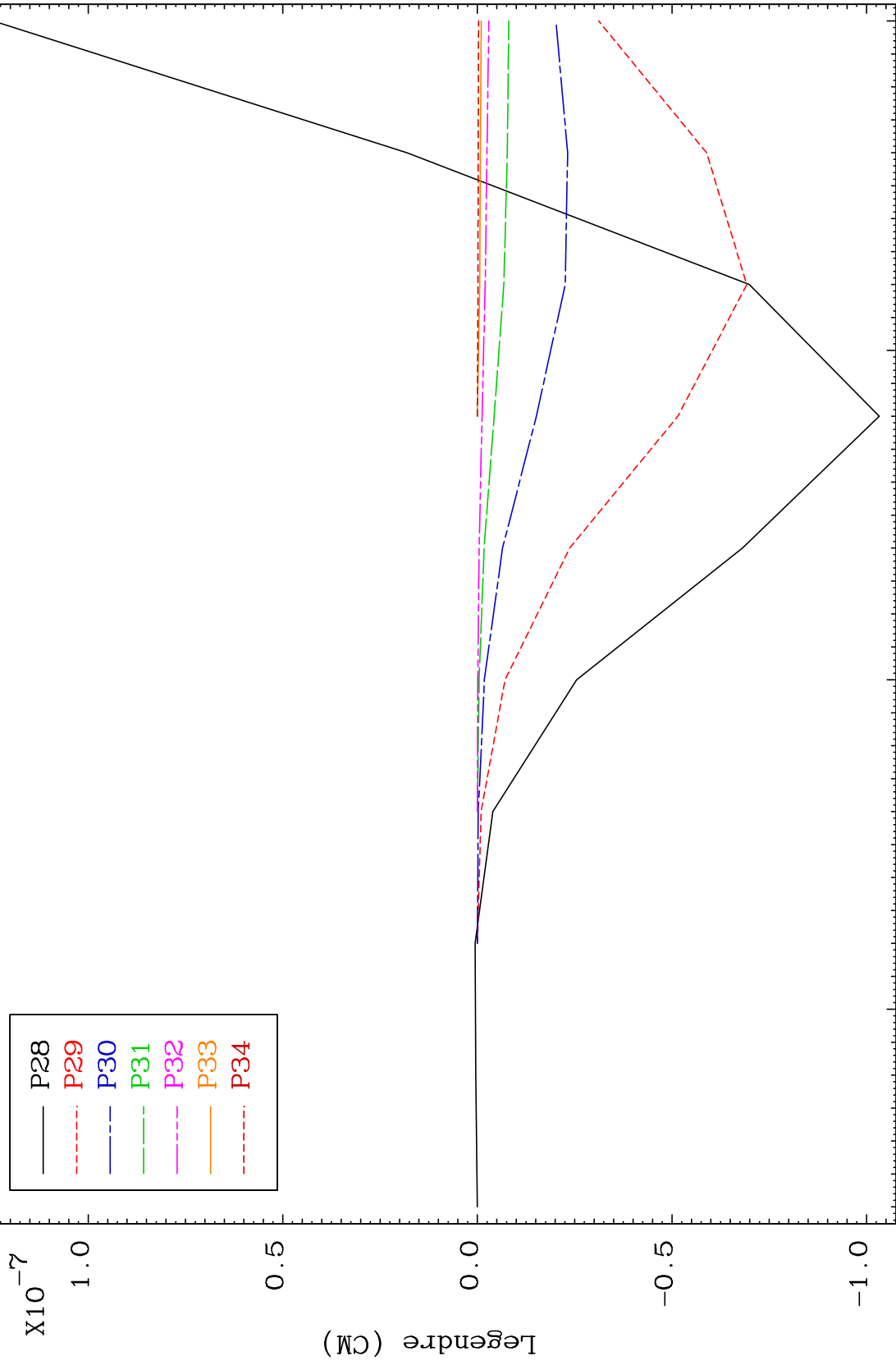
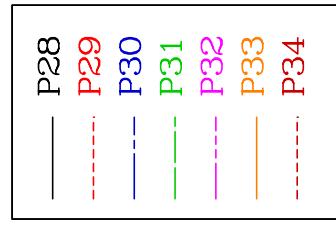
Incident Energy (MeV)

51-Sb-105

MAT 5077

Elastic Legendre Coefficients

51-Sb-105



16

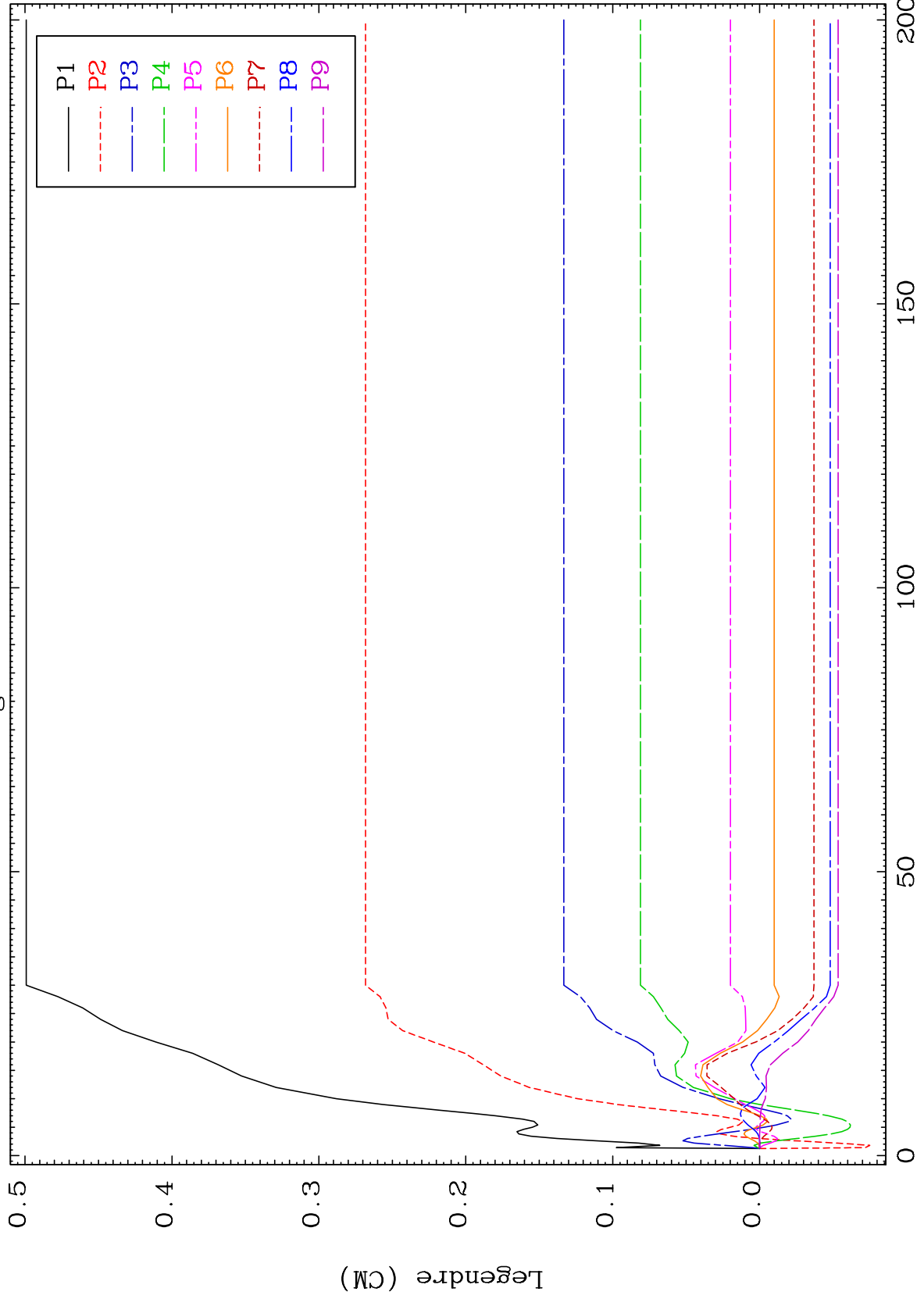
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



17

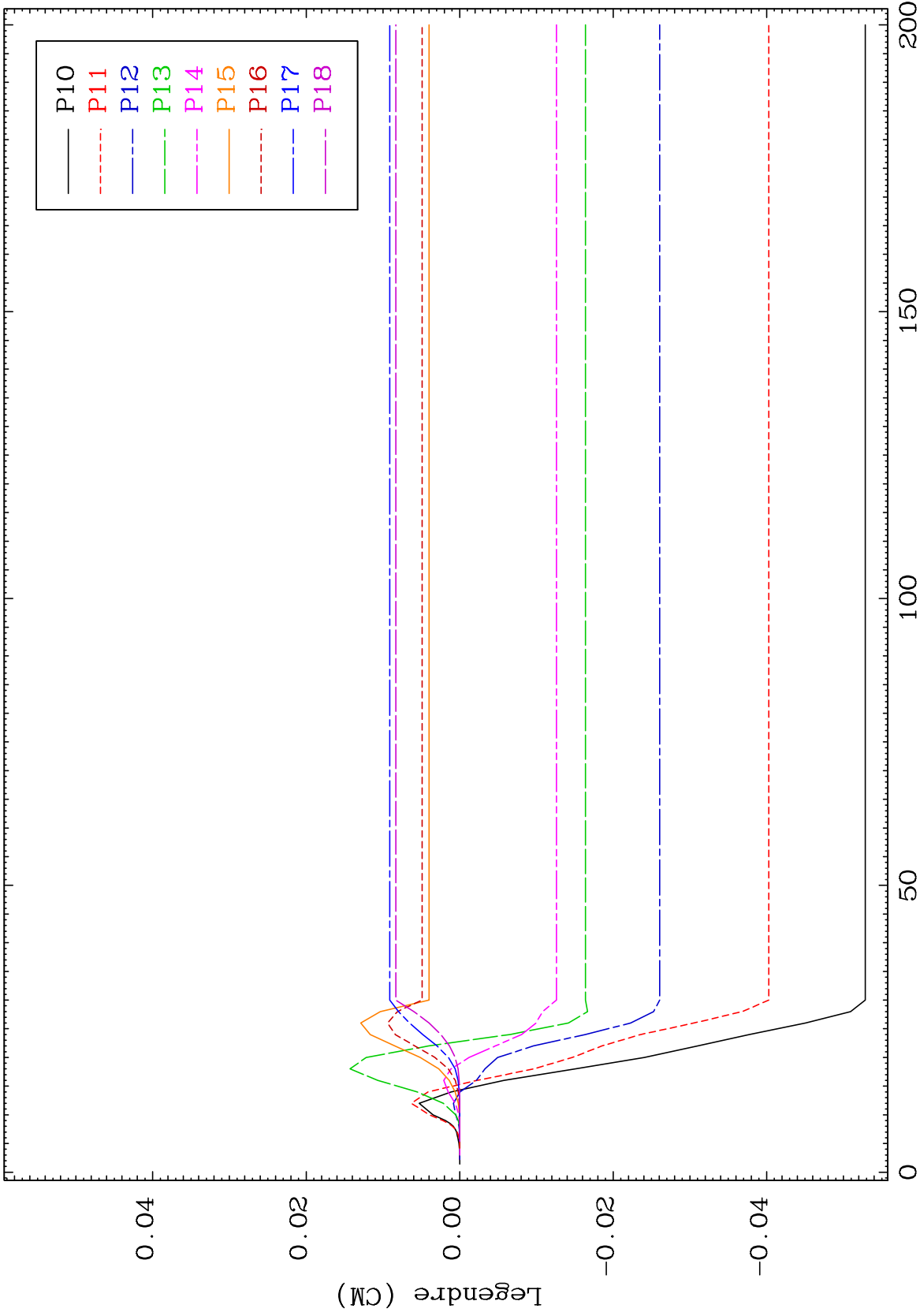
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



18

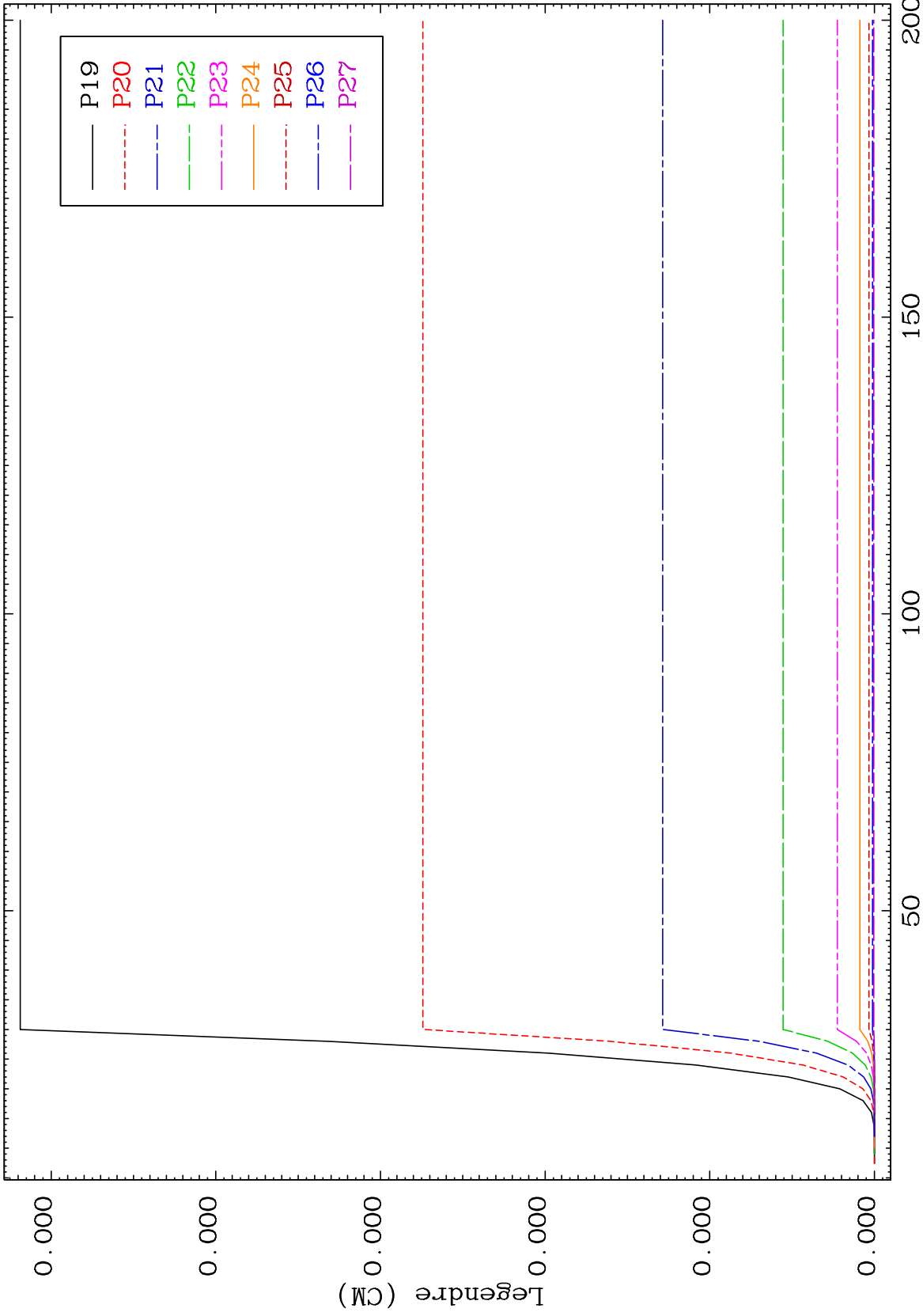
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



19

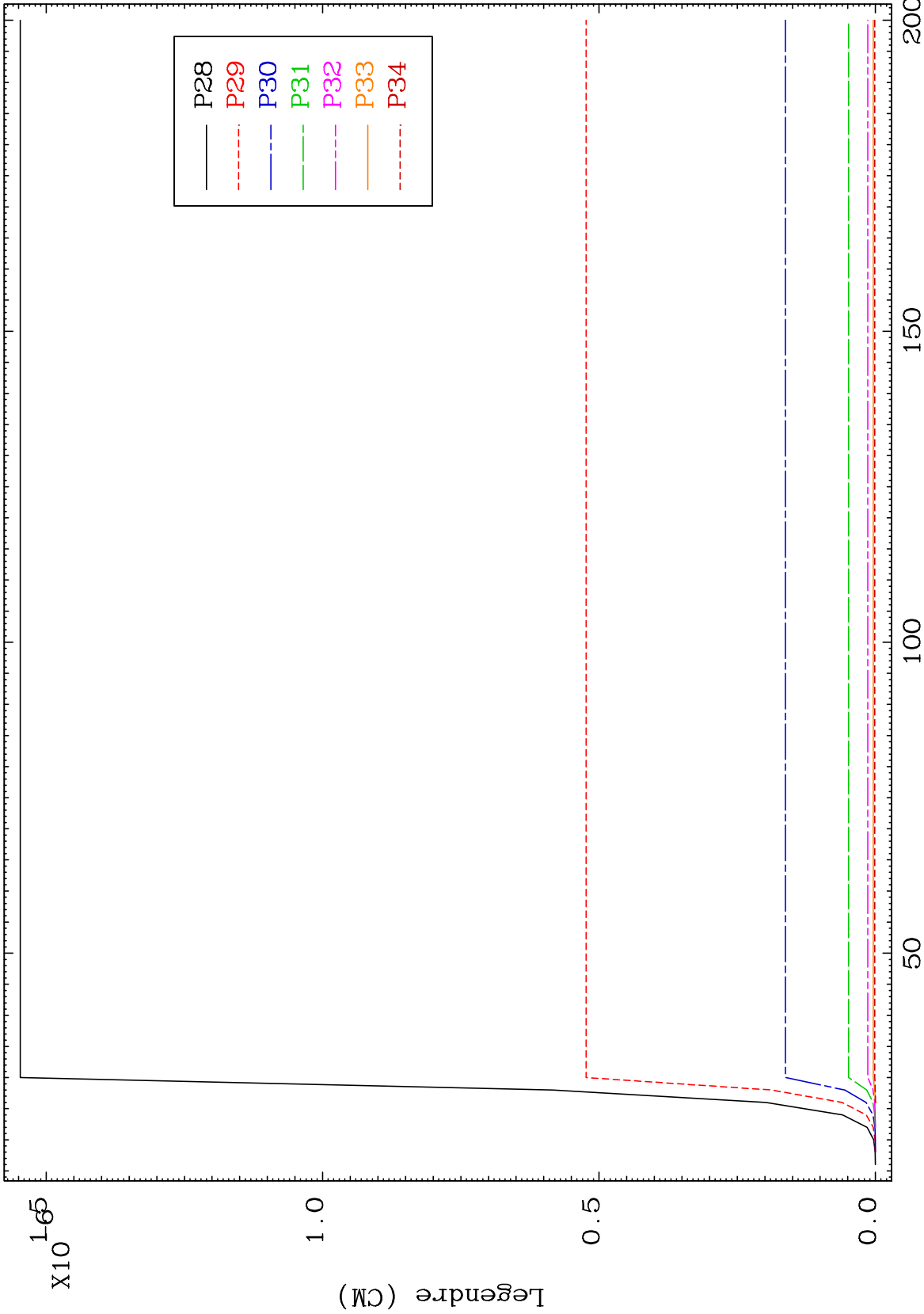
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



20

50

100

150

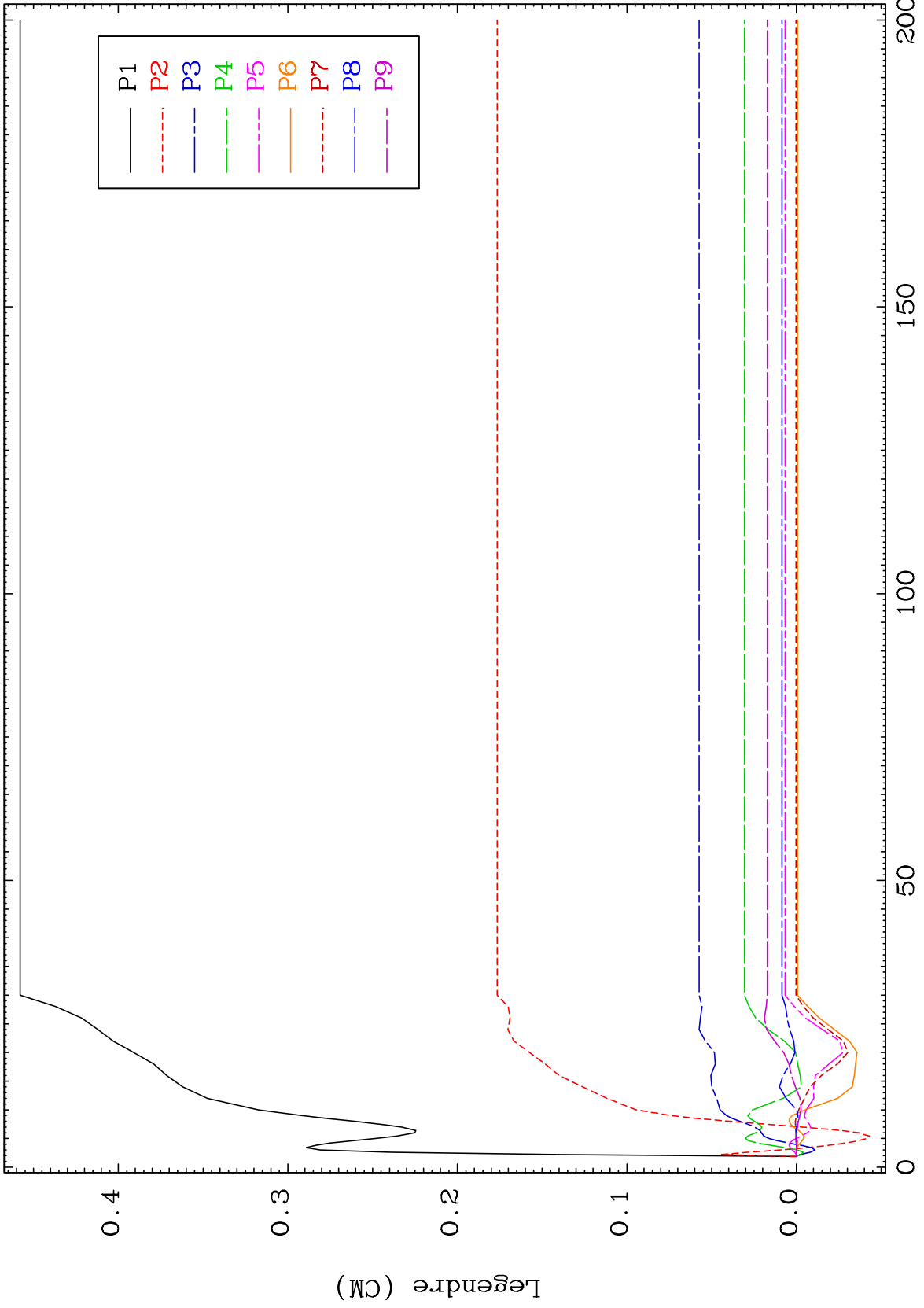
200

51-Sb-105

MAT 5077

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

51-Sb-105



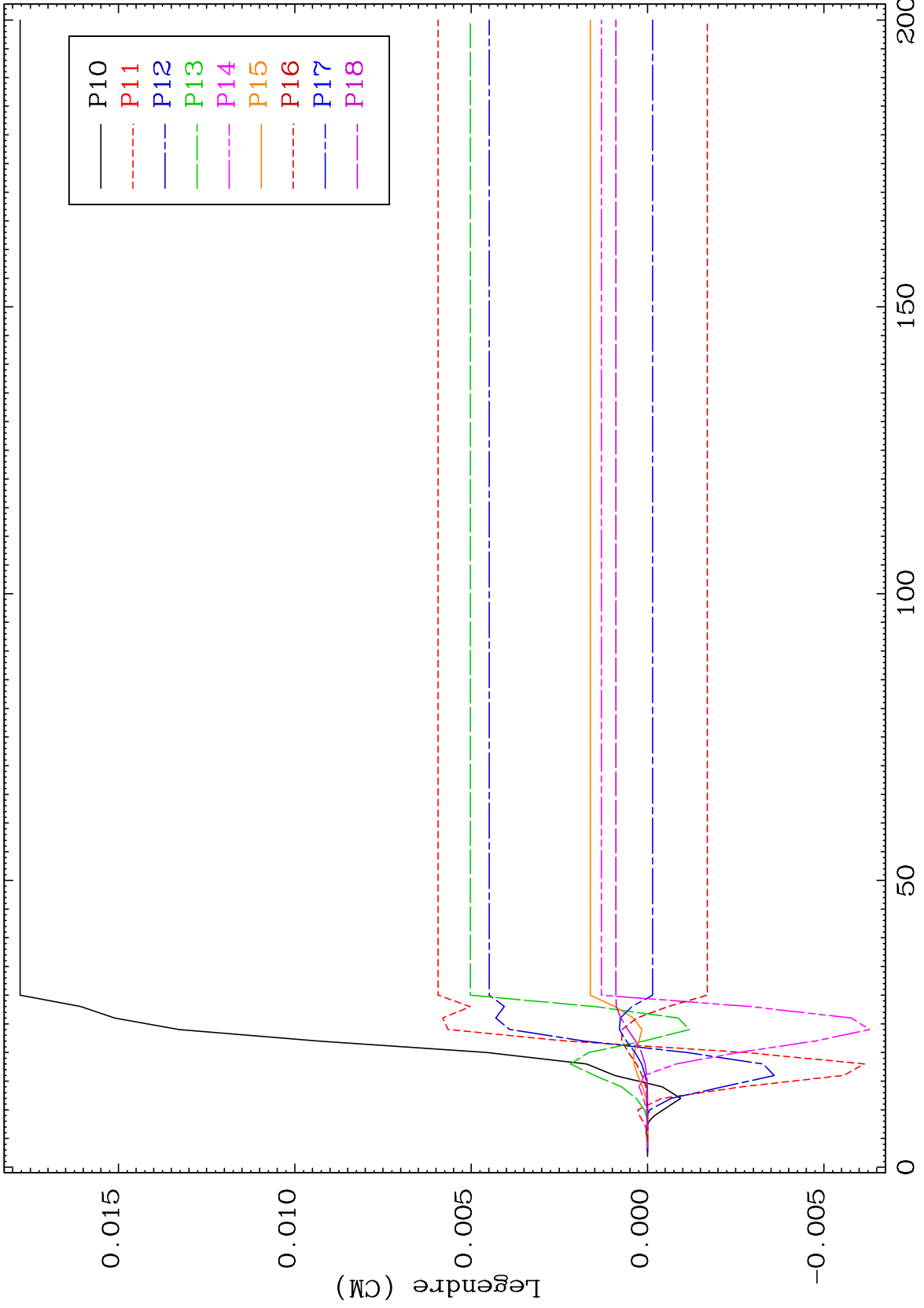
21

51-Sb-105

MAT 5077

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

51-Sb-105



22

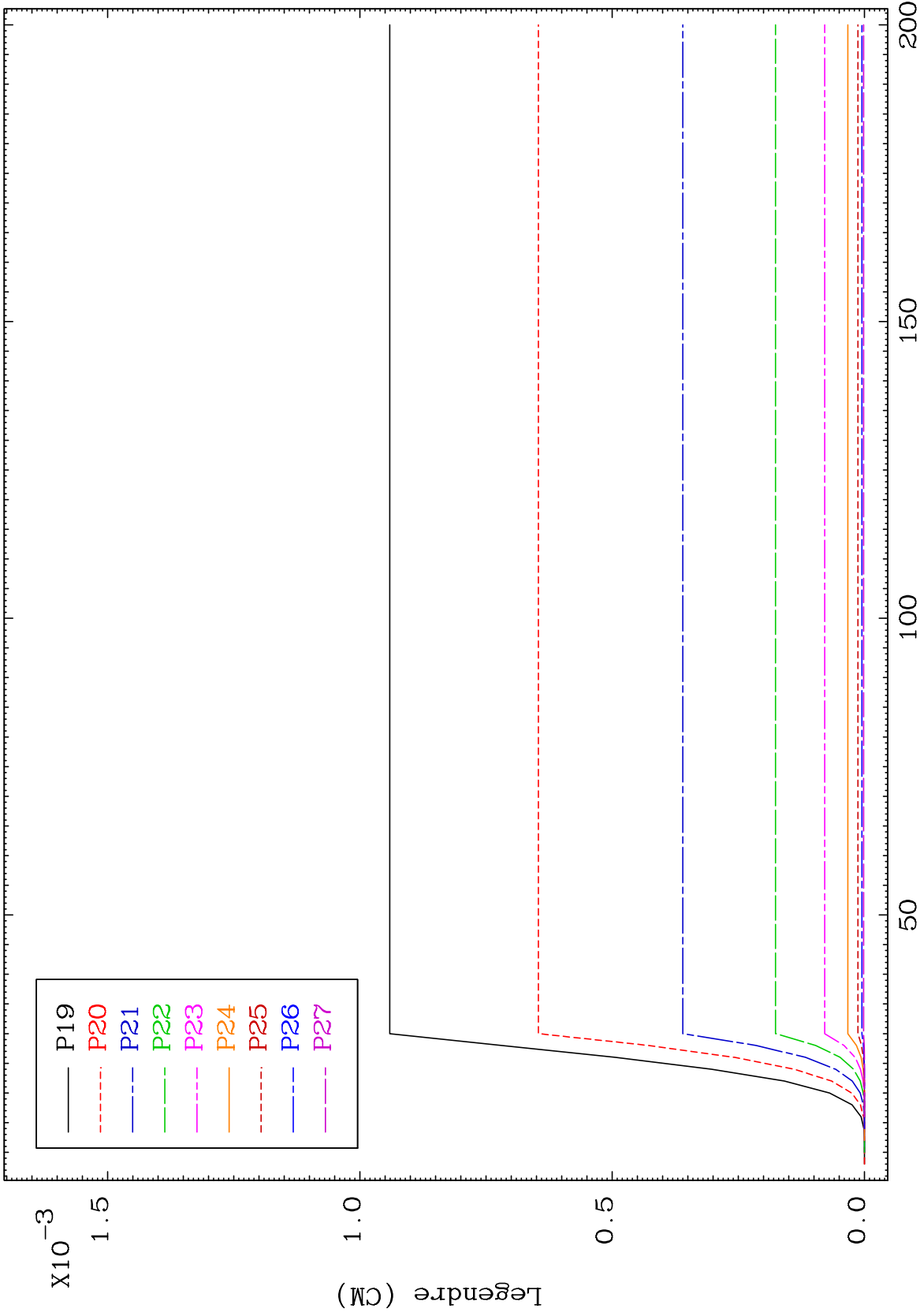
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



23

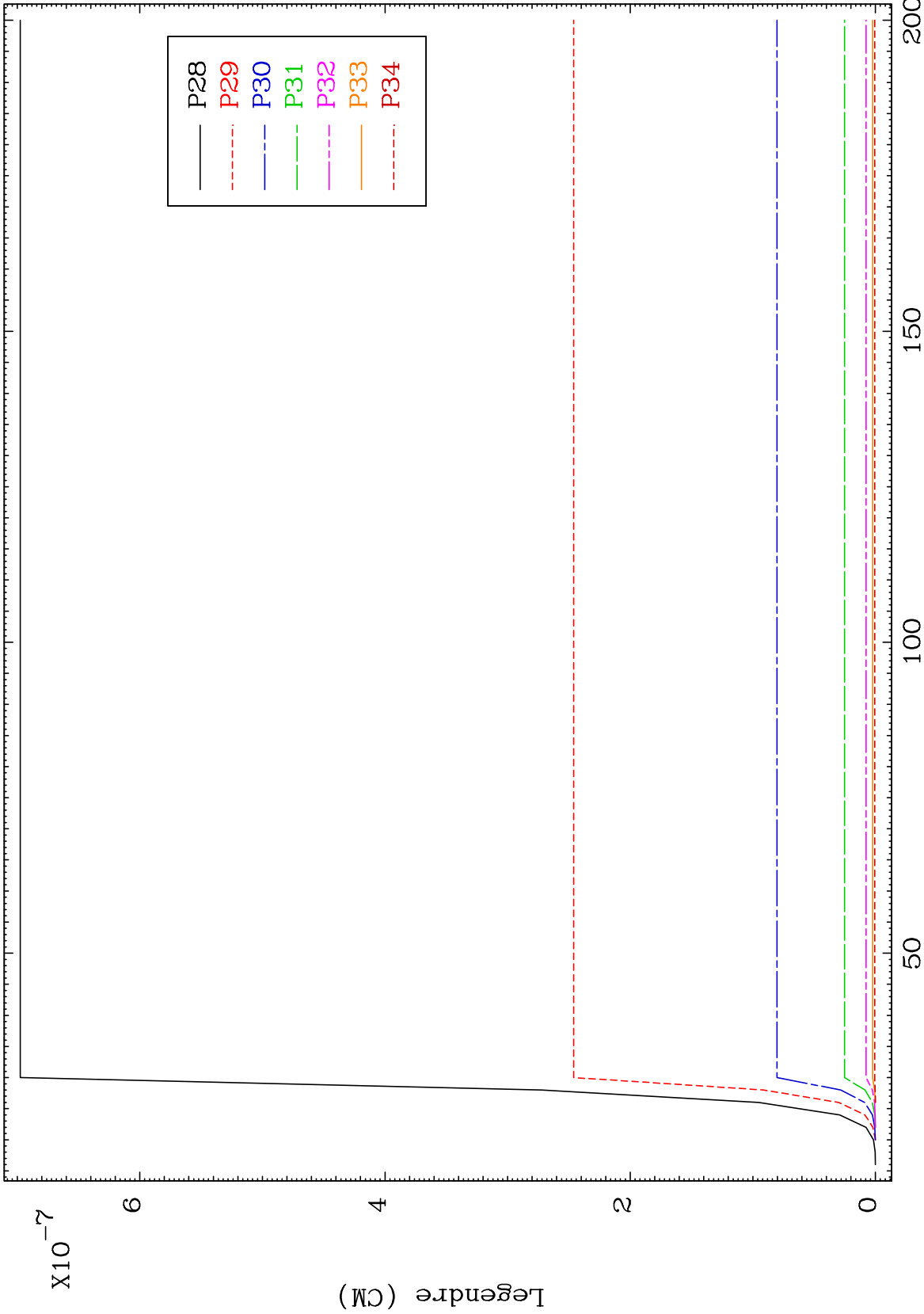
Incident Energy (MeV)

51-Sb-105

MAT 5077

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

51-Sb-105



24

Incident Energy (MeV)

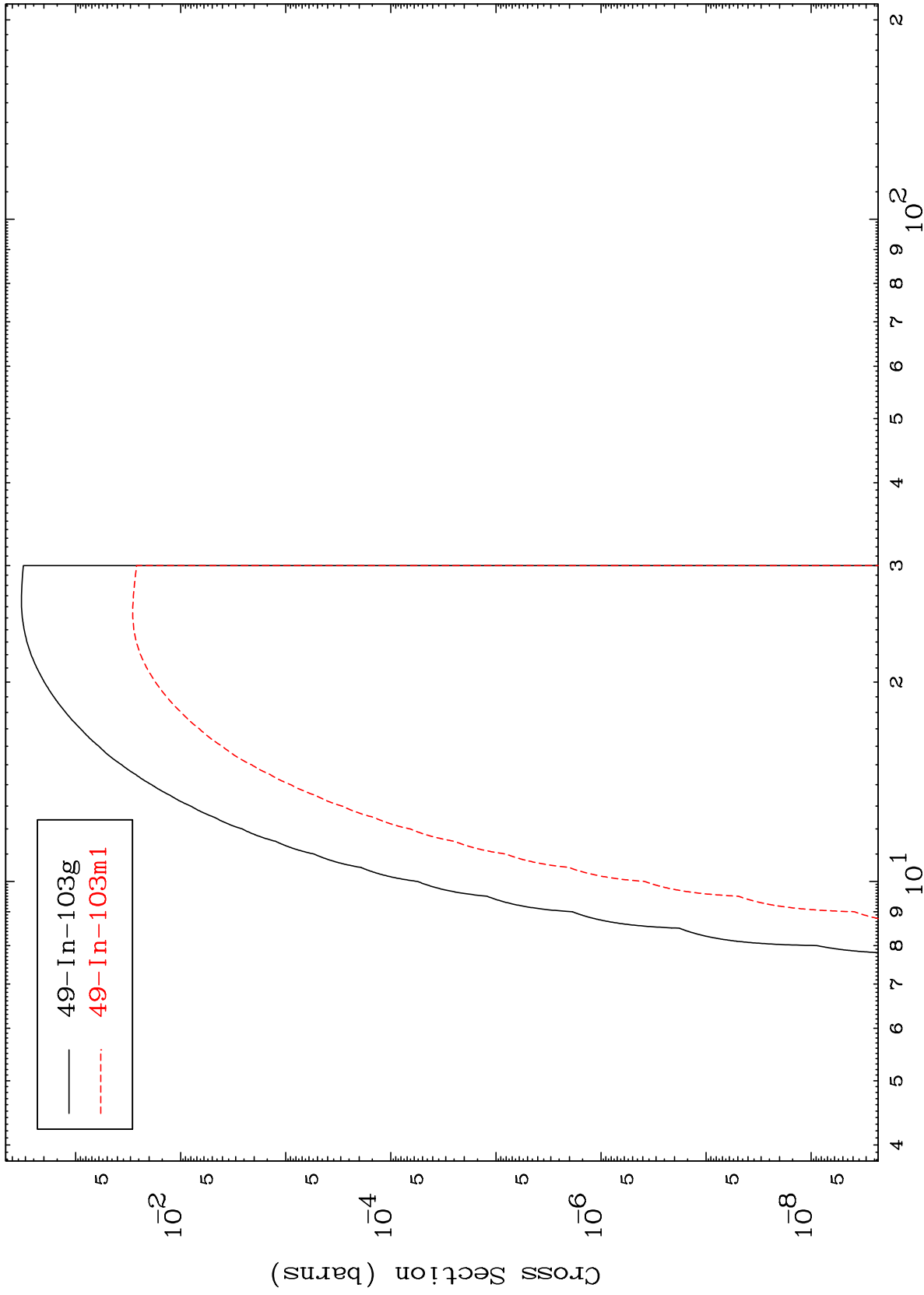
51-Sb-105

MAT 5077

(n,2n) p

51-Sb-105

Radionuclide Production Cross Section



25

Incident Energy (MeV)

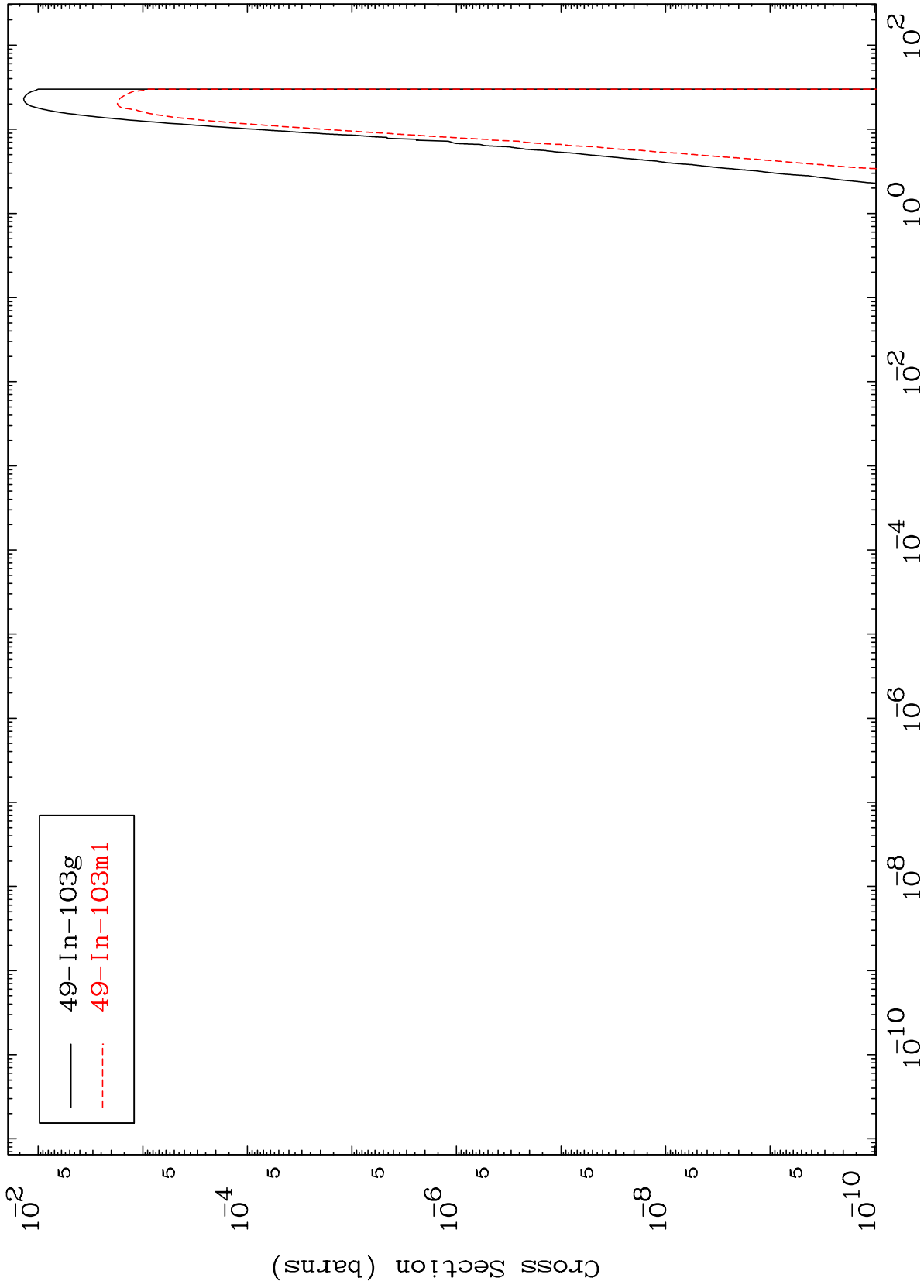
51-Sb-105

MAT 5077

(n,He-3)

51-Sb-105

Radionuclide Production Cross Section



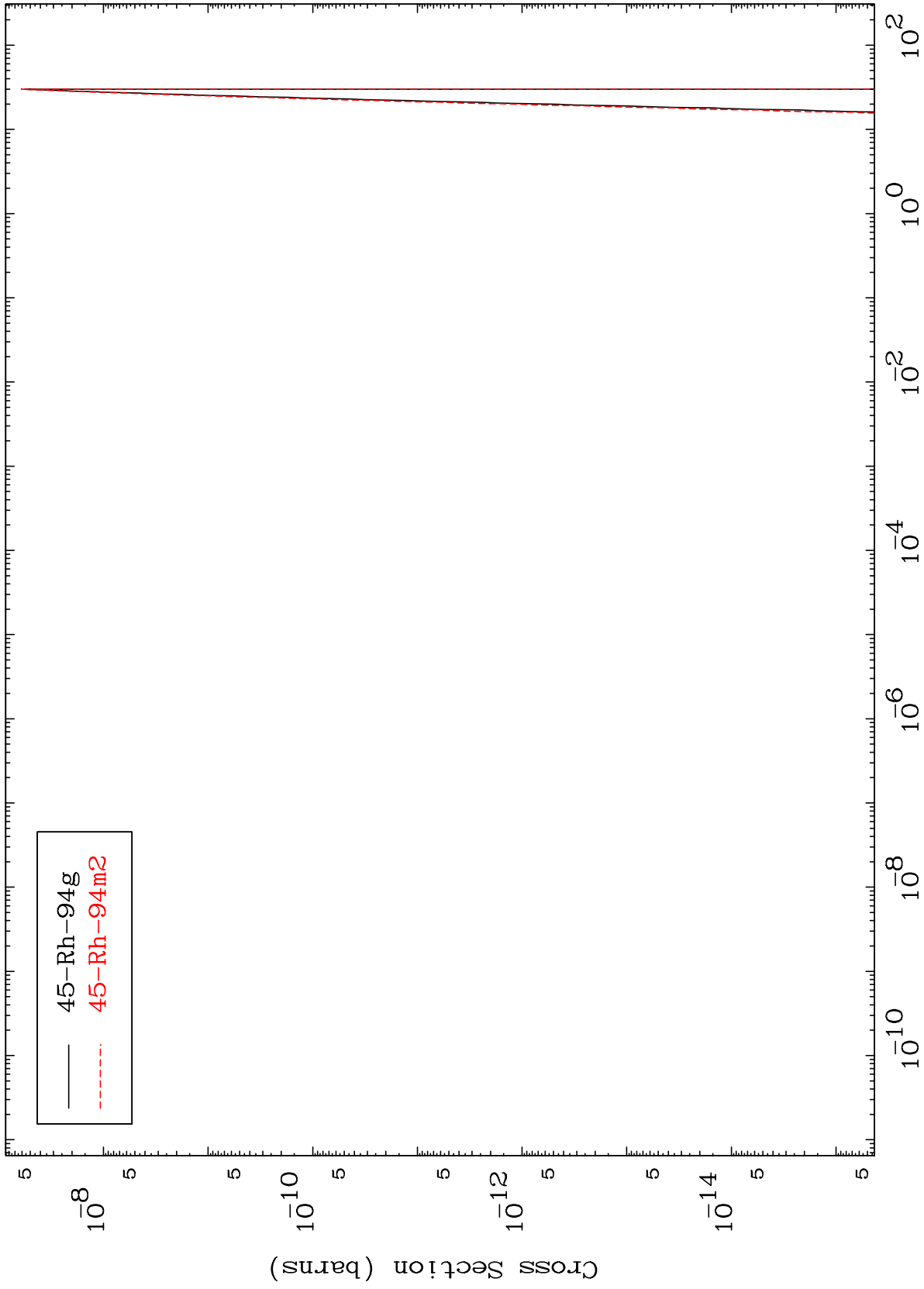
— 49-In-103g
- - - 49-In-103m1

MAT 5077

(n,3α)

51-Sb-105

Radionuclide Production Cross Section



27

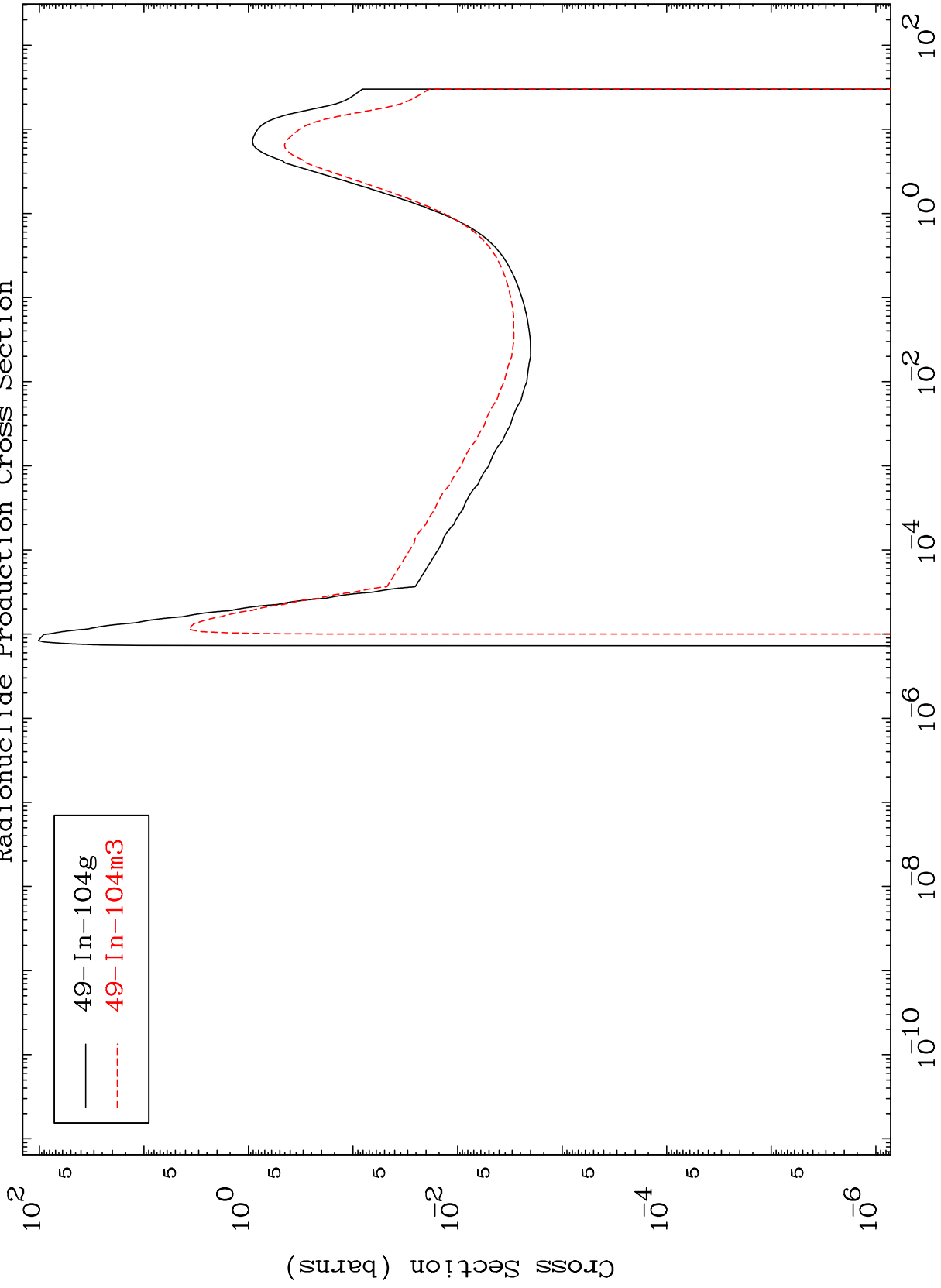
Incident Energy (MeV)

51-Sb-105

MAT 5077

Radionuclide Production Cross Section
(n,2p)

51-Sb-105



28

Incident Energy (MeV)

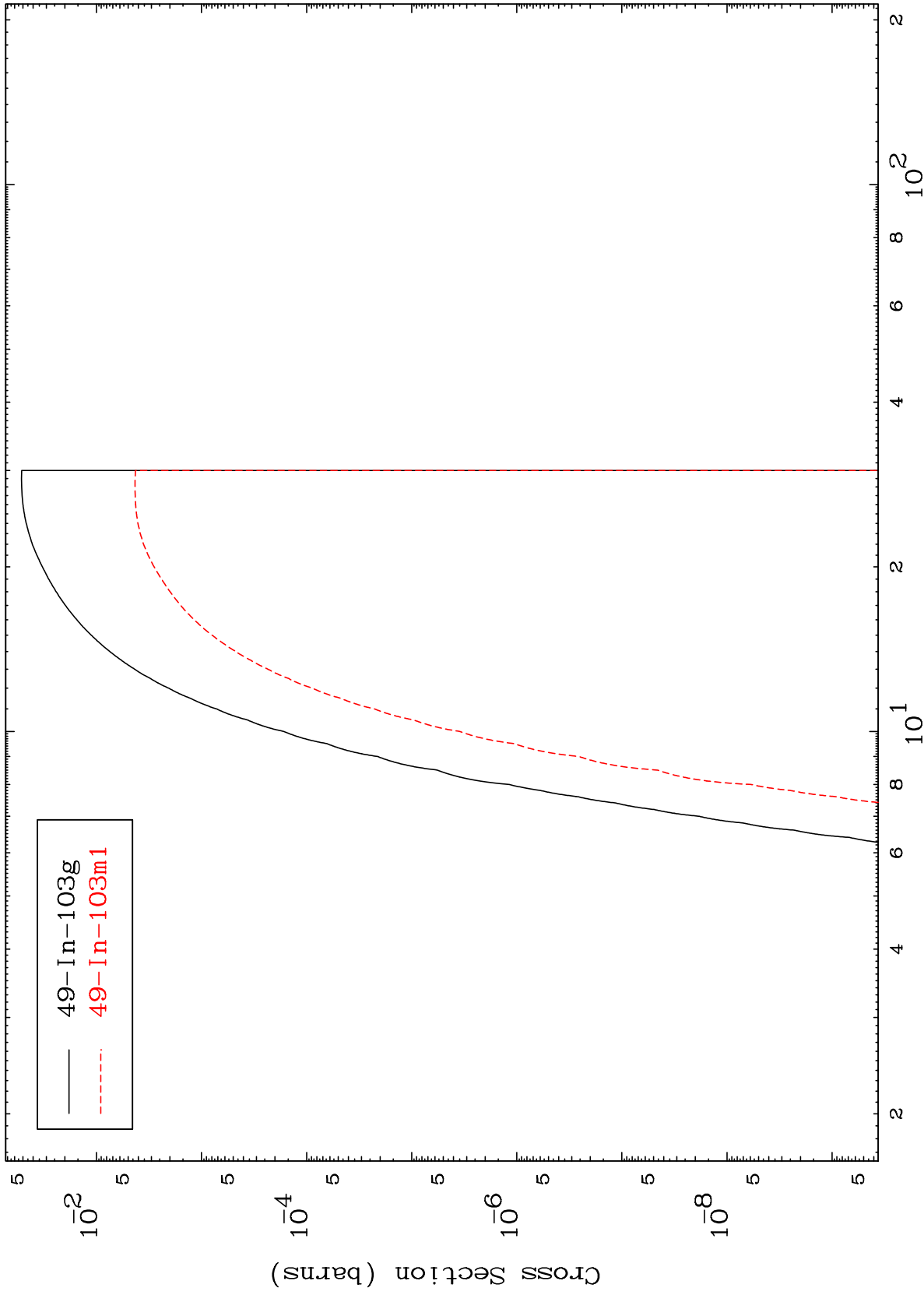
51-Sb-105

MAT 5077

(n,p) d

51-Sb-105

Radionuclide Production Cross Section



— 49-In-103g
- - - 49-In-103m1

29

Incident Energy (MeV)

51-Sb-105