

Program EVALPLOT
(Version 2018-1)

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

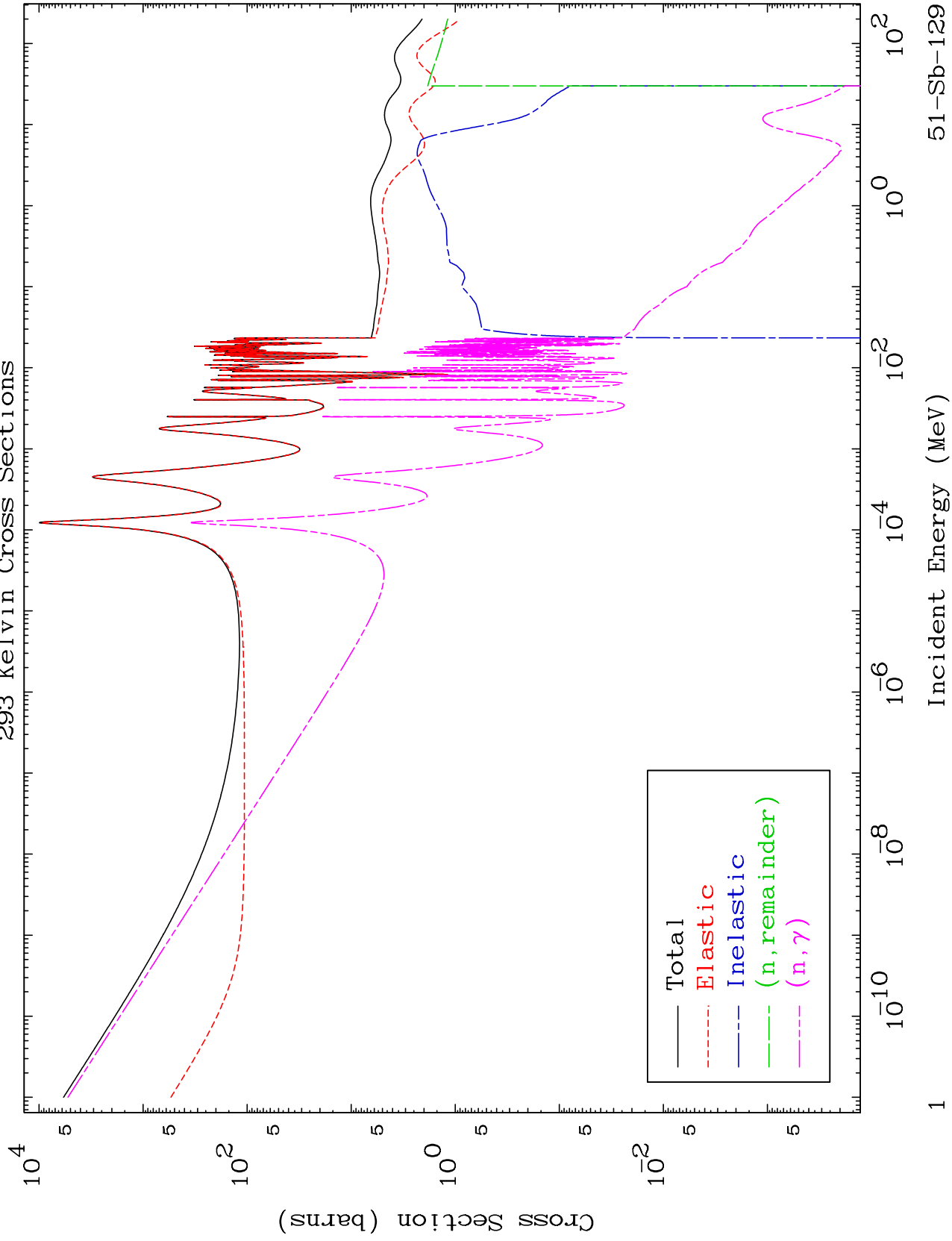
Press Mouse Button to Start

MAT 5150

Major

293 Kelvin Cross Sections

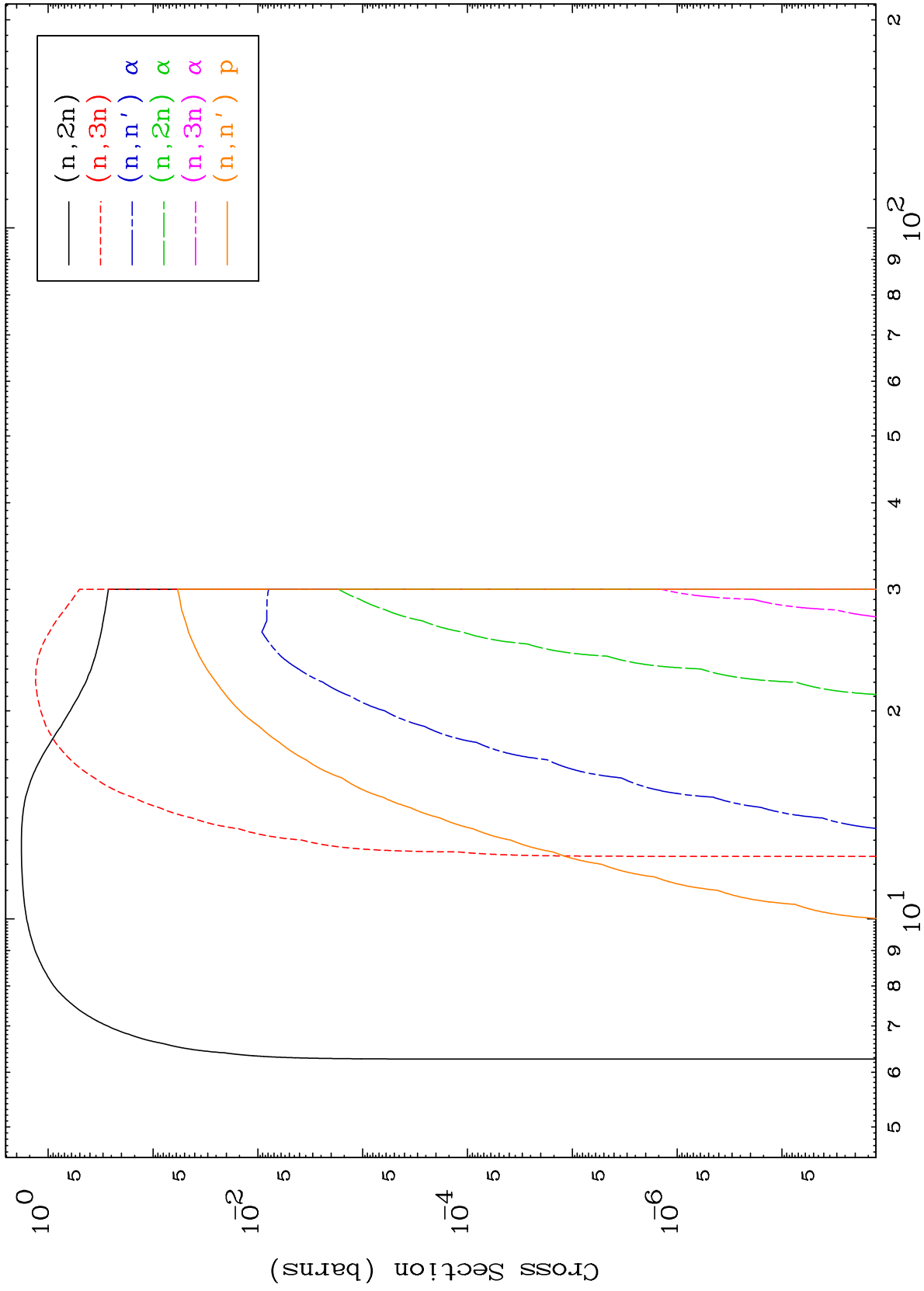
51-Sb-129



MAT 5150

Neutron Production
293 Kelvin Cross Sections

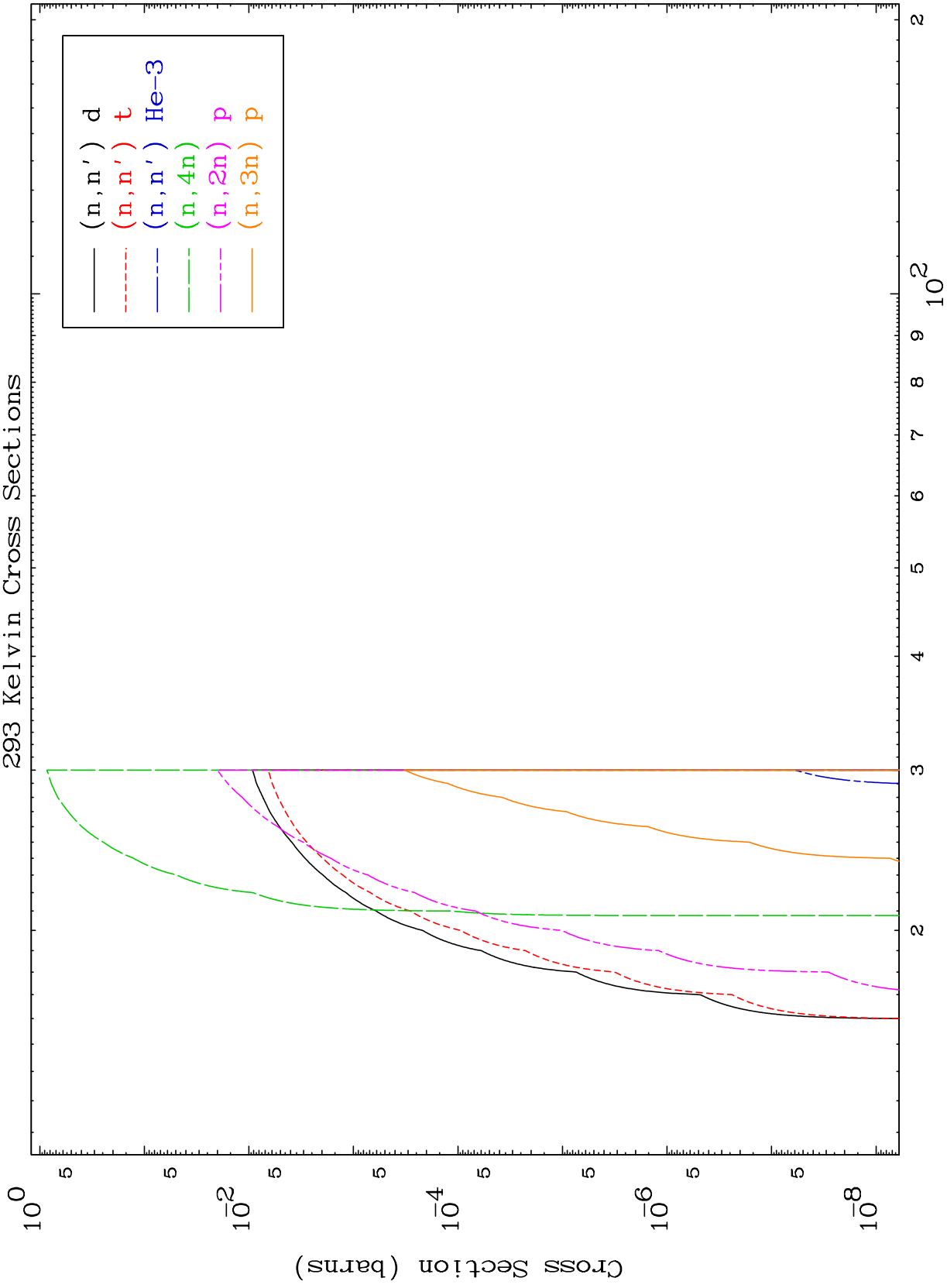
51-Sb-129

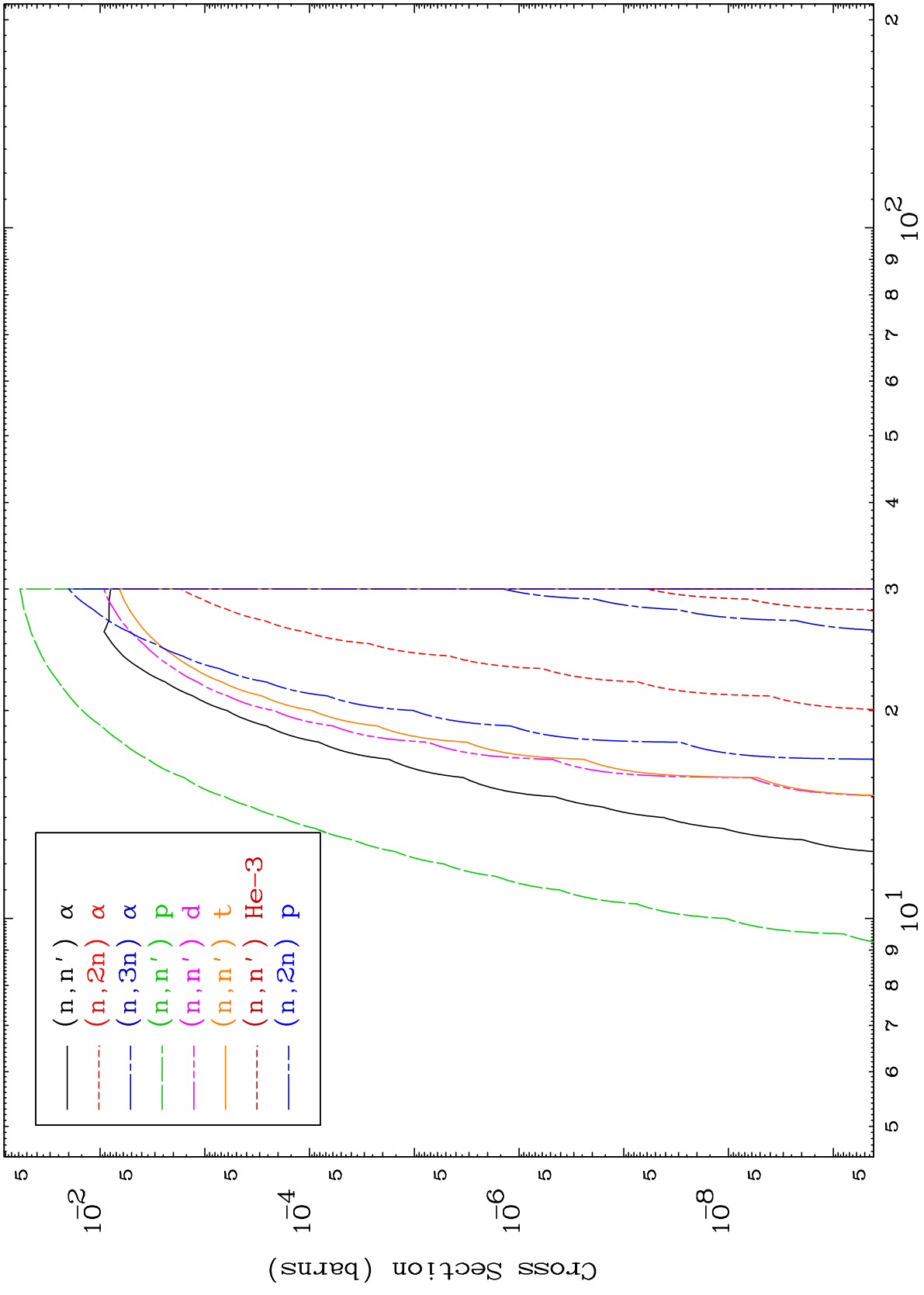


2

Incident Energy (MeV)

51-Sb-129

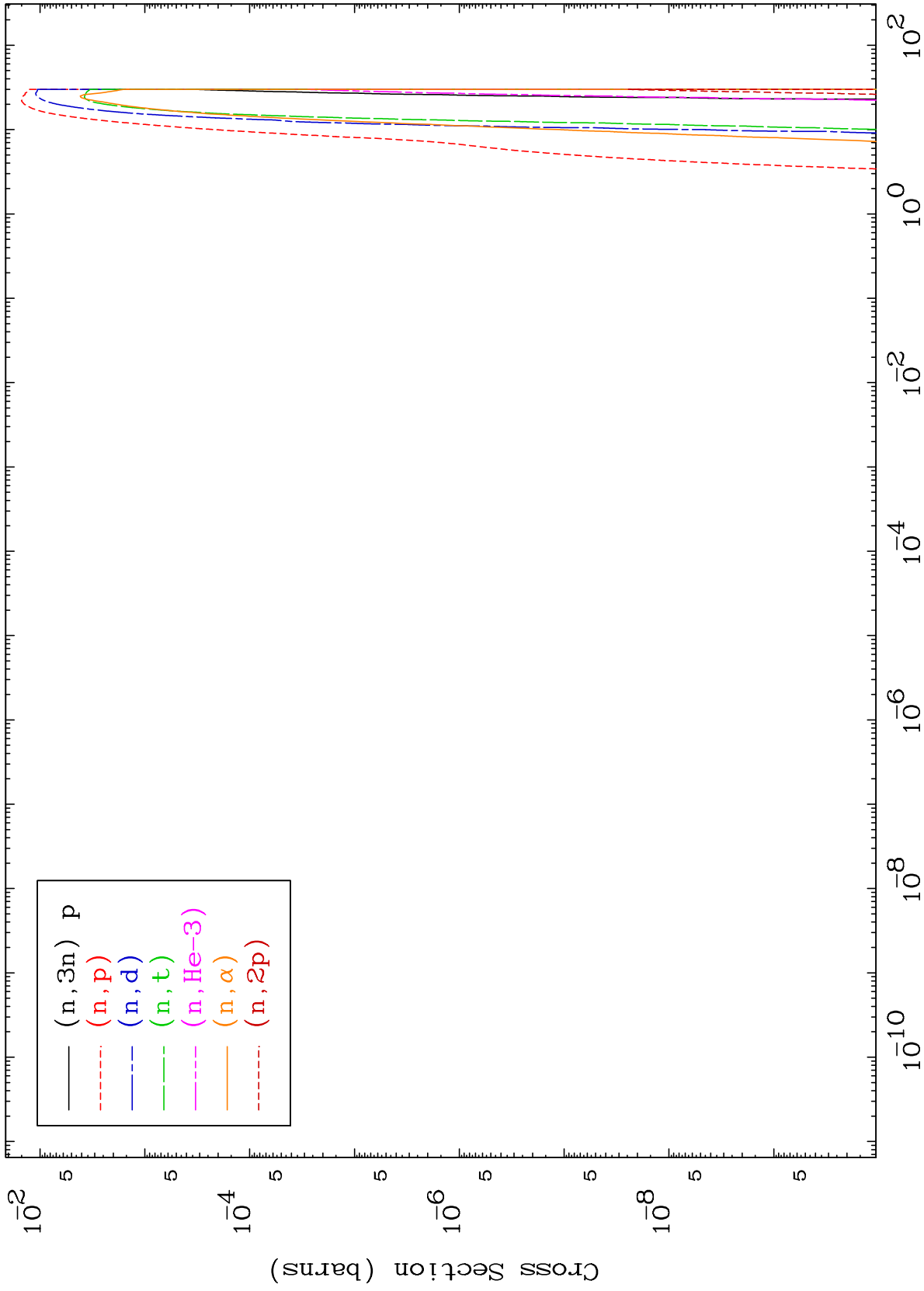




MAT 5150

Charged Particle
293 Kelvin Cross Sections

51-Sb-129



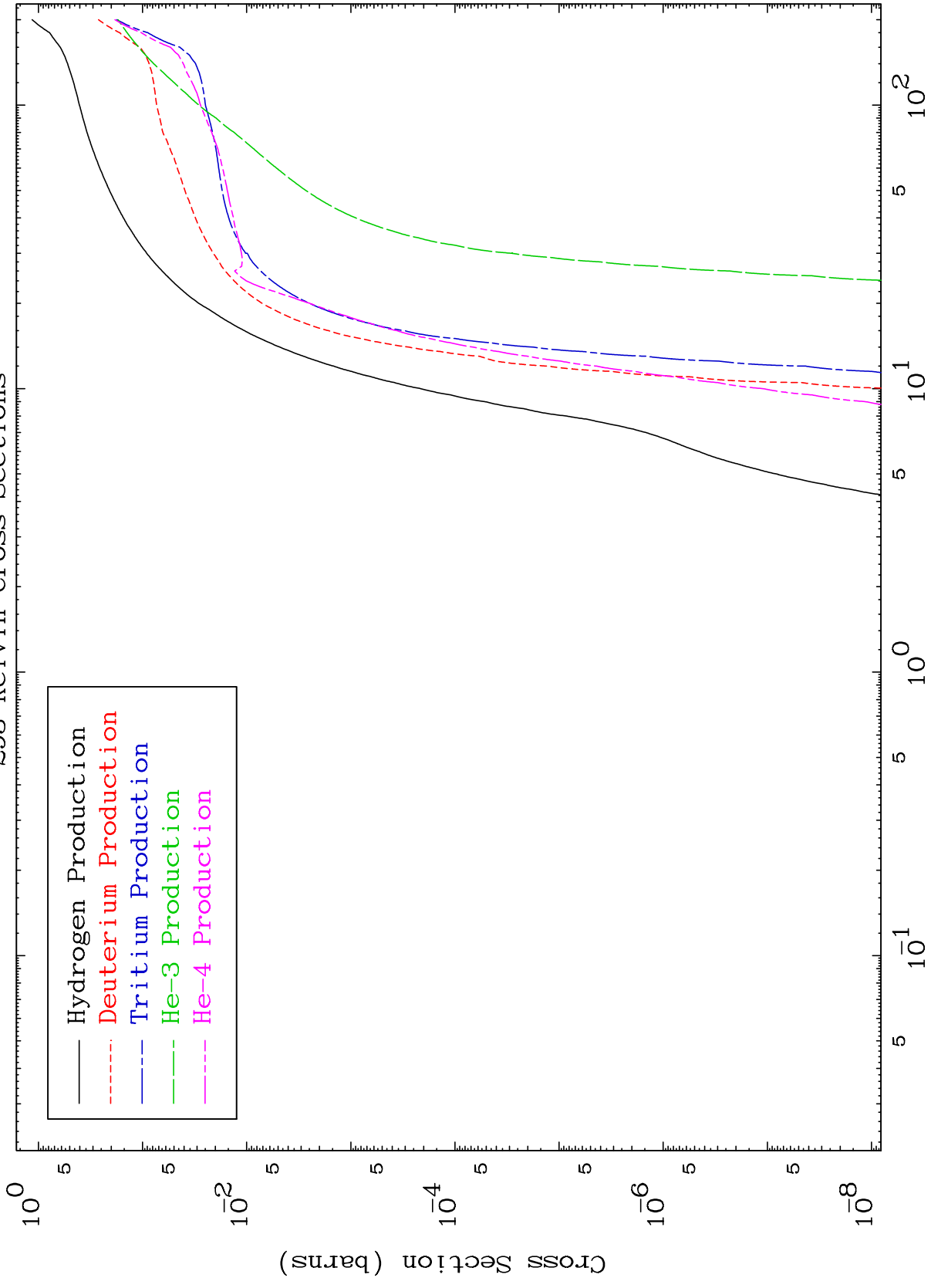
5

51-Sb-129

MAT 5150

Particle Production
293 Kelvin Cross Sections

51-Sb-129



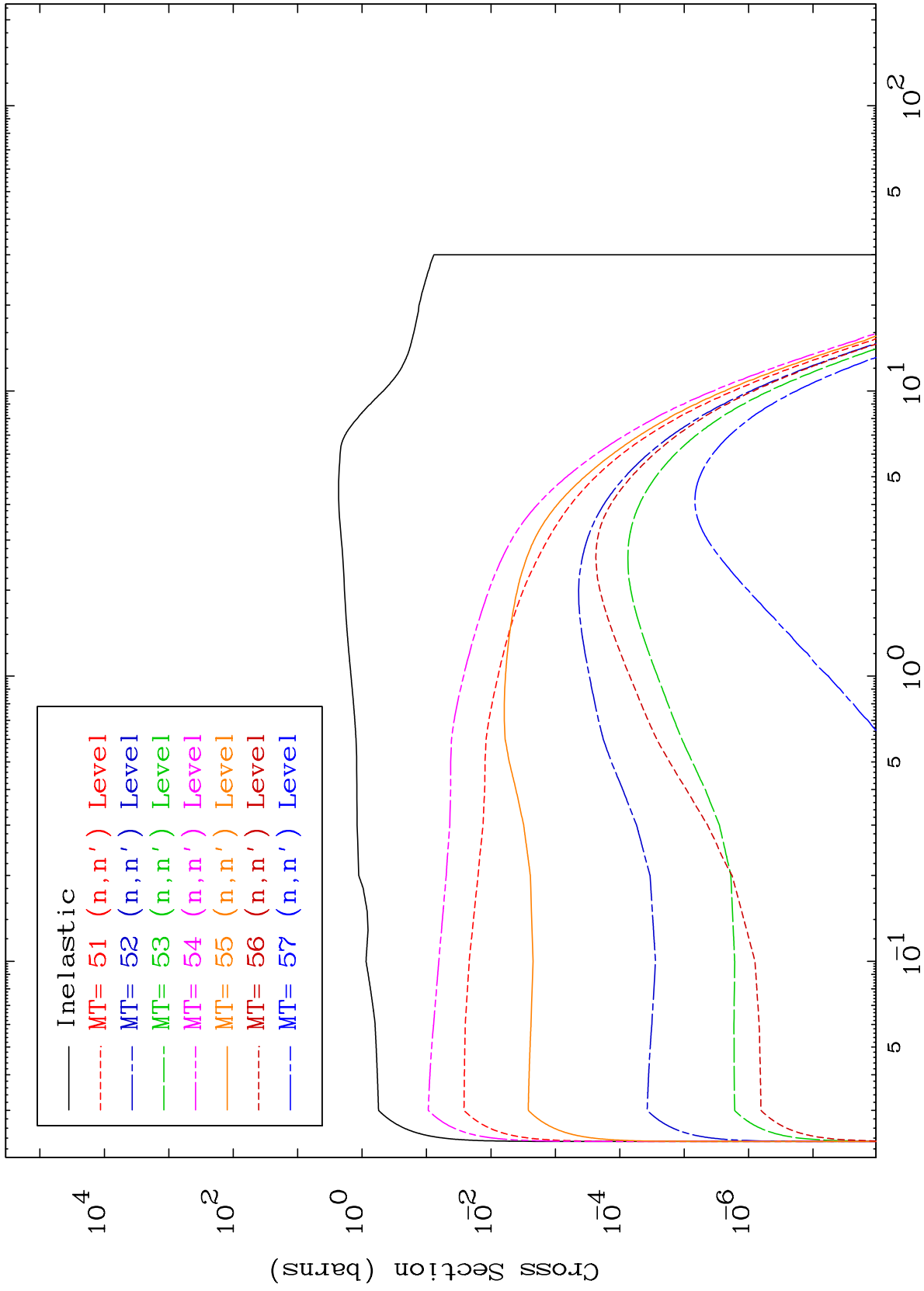
6

51-Sb-129

MAT 5150

(n,n') Level
293 Kelvin Cross Sections

51-Sb-129



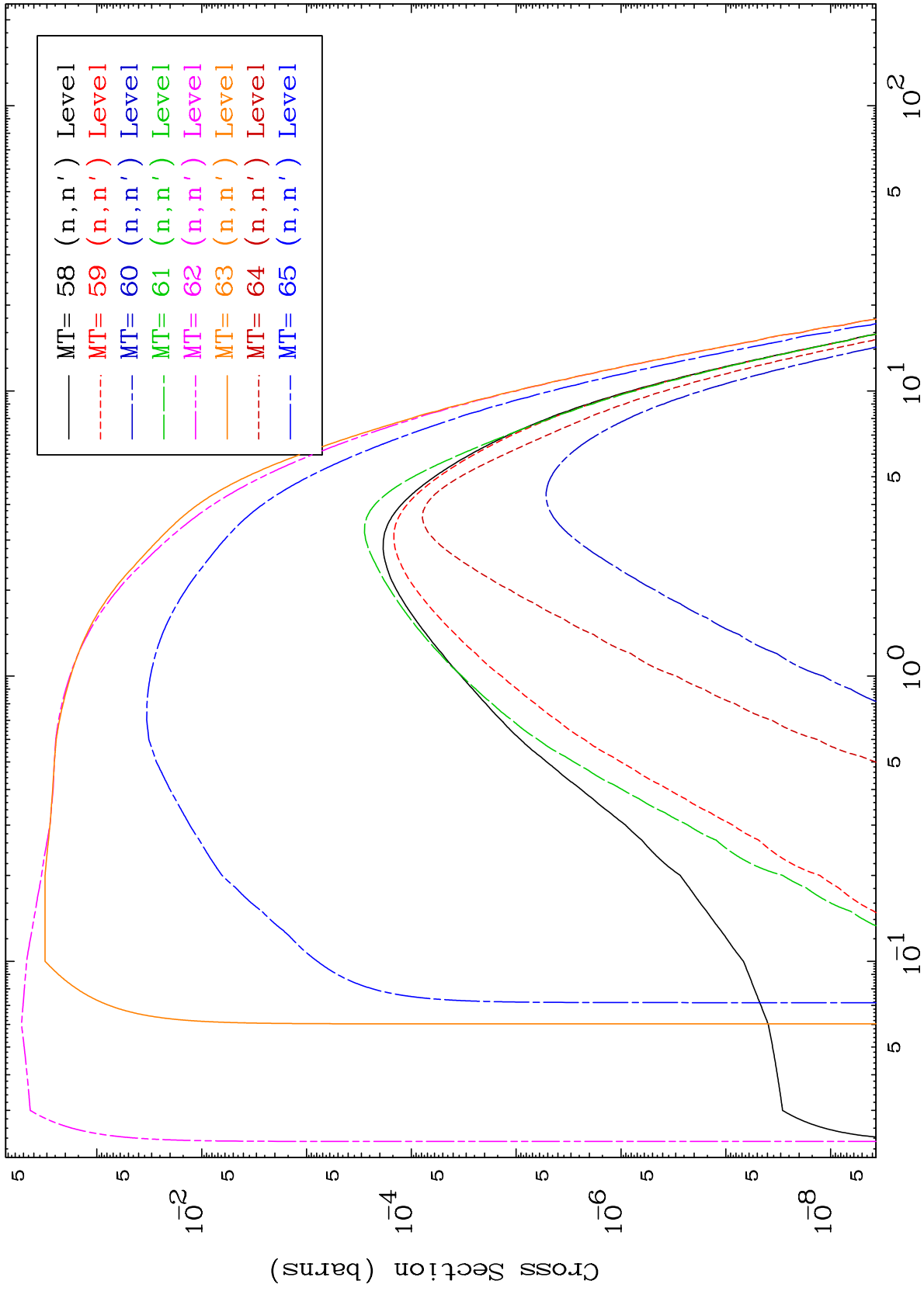
7

51-Sb-129

MAT 5150

(n,n') Level
293 Kelvin Cross Sections

51-Sb-129



8

Incident Energy (MeV)

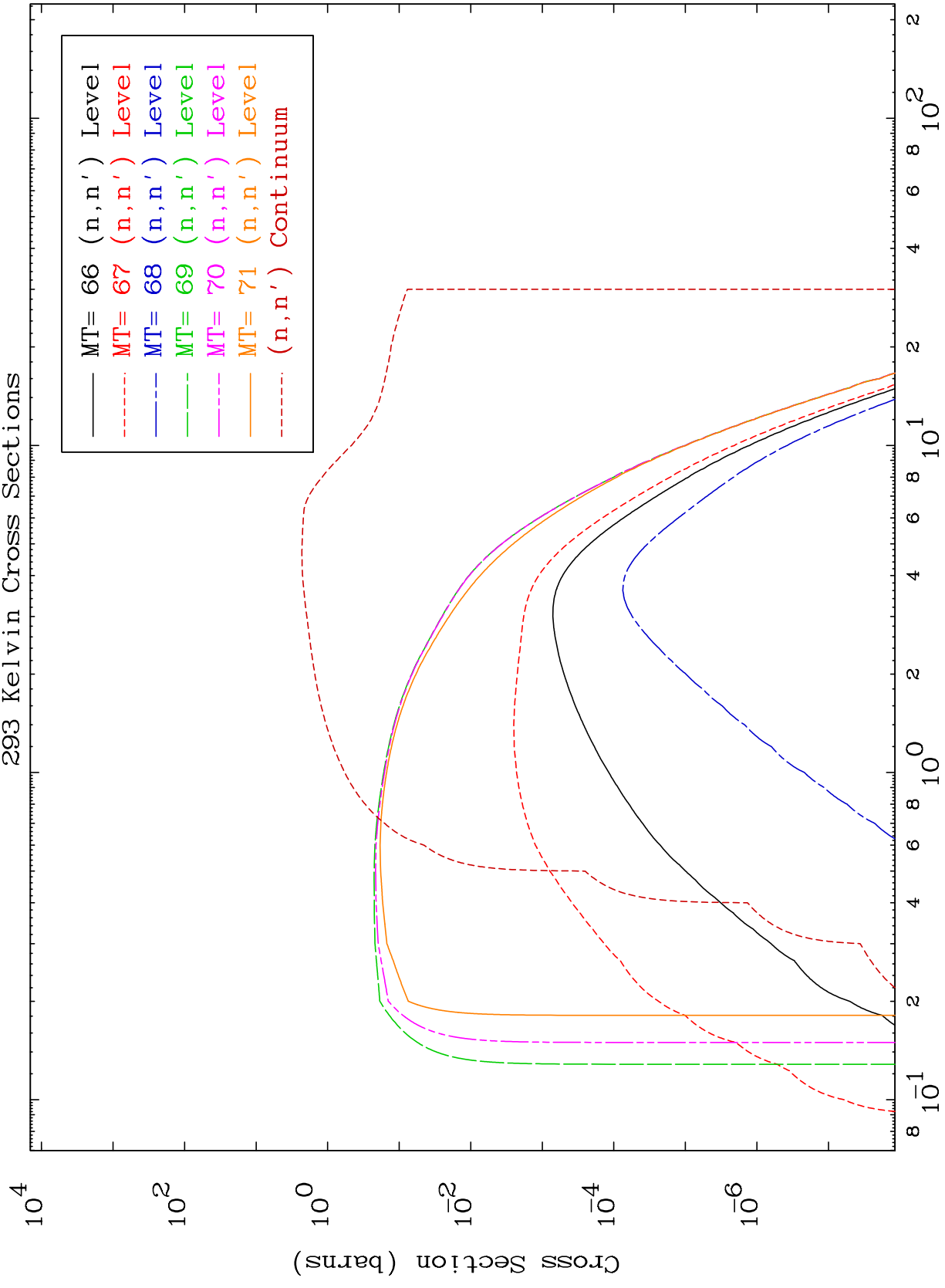
51-Sb-129

MAT 5150

(n,n') Level

51-Sb-129

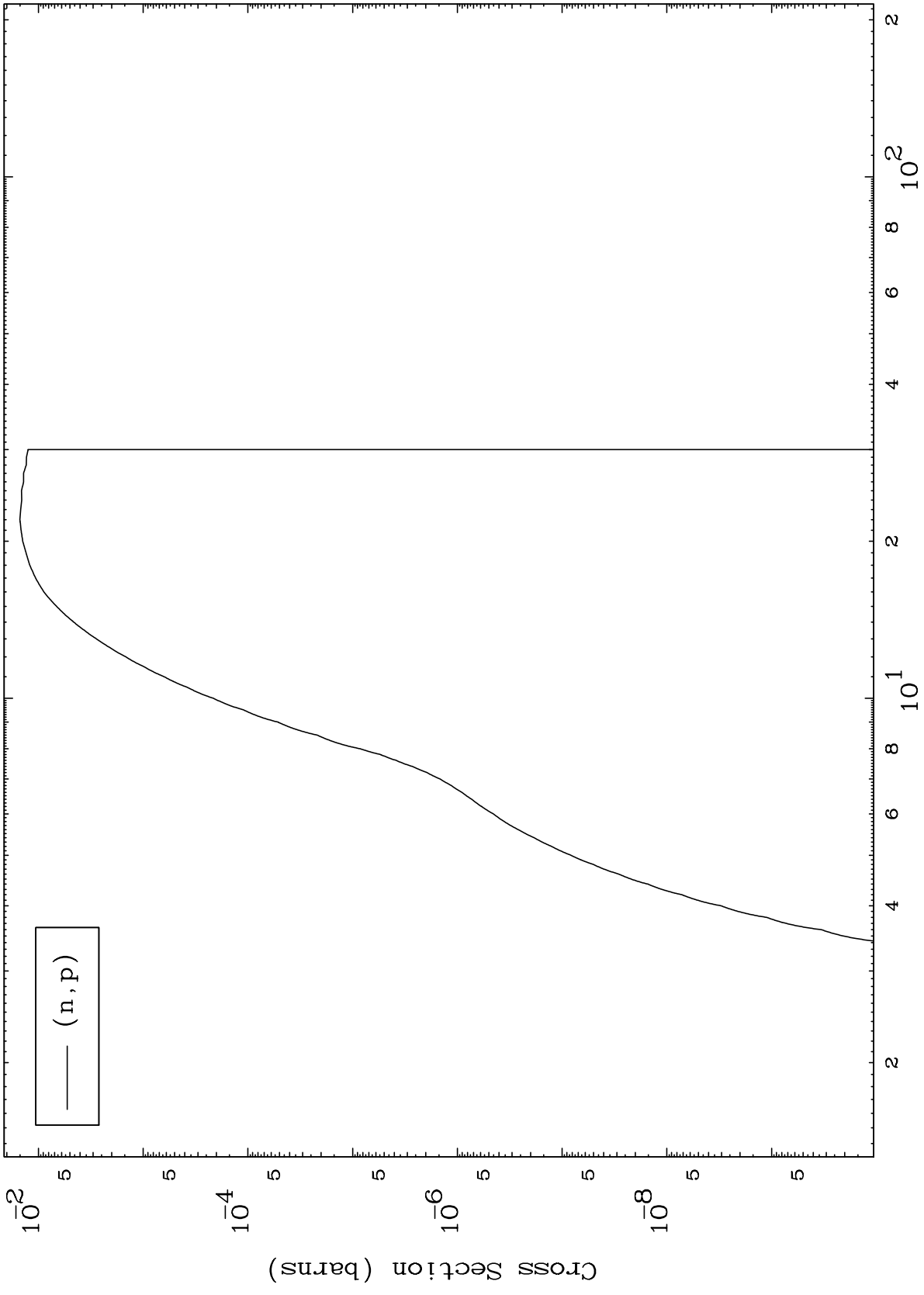
293 Kelvin Cross Sections



MAT 5150

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-129



10

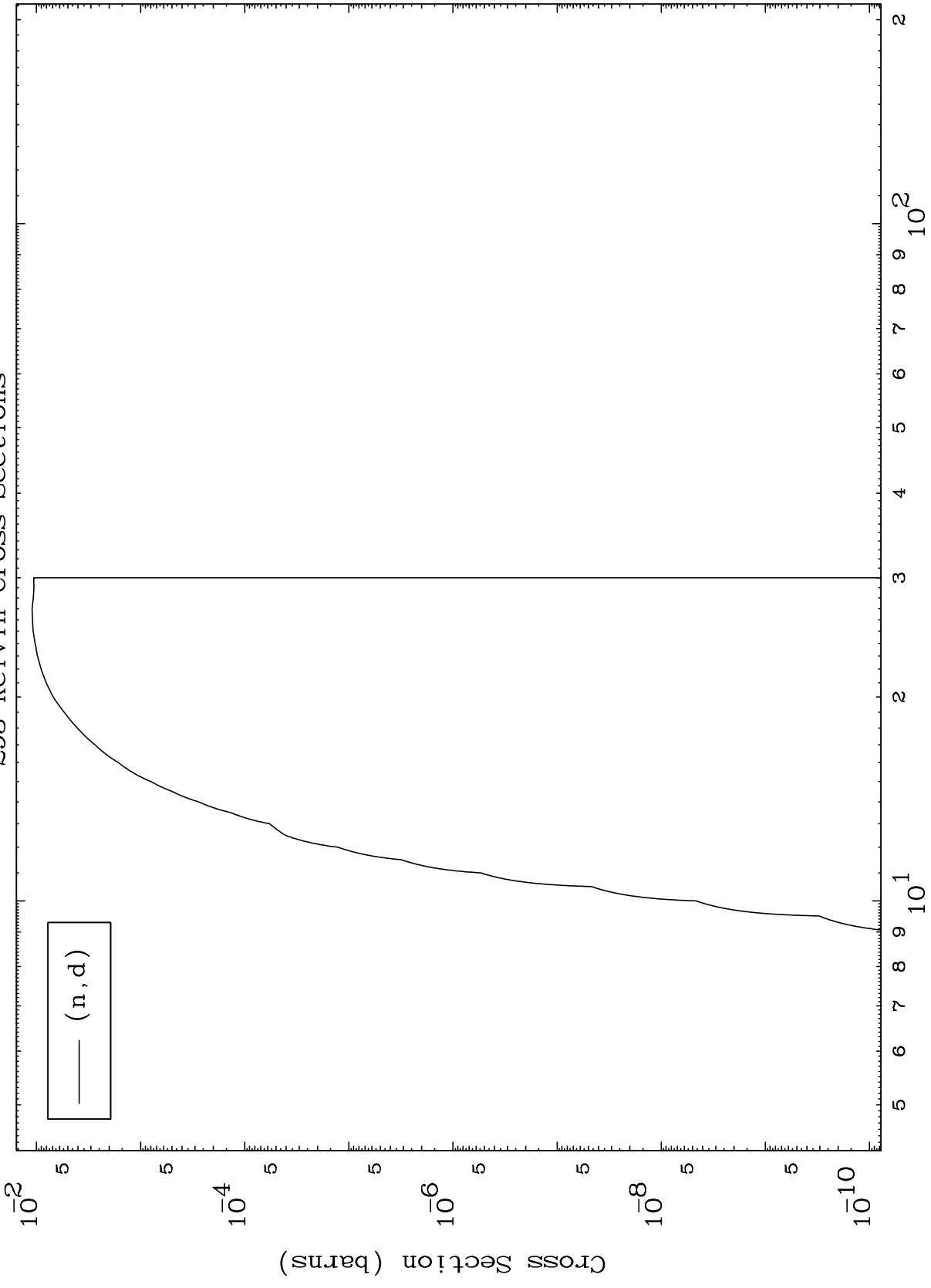
Incident Energy (MeV)

51-Sb-129

MAT 5150

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-129



11

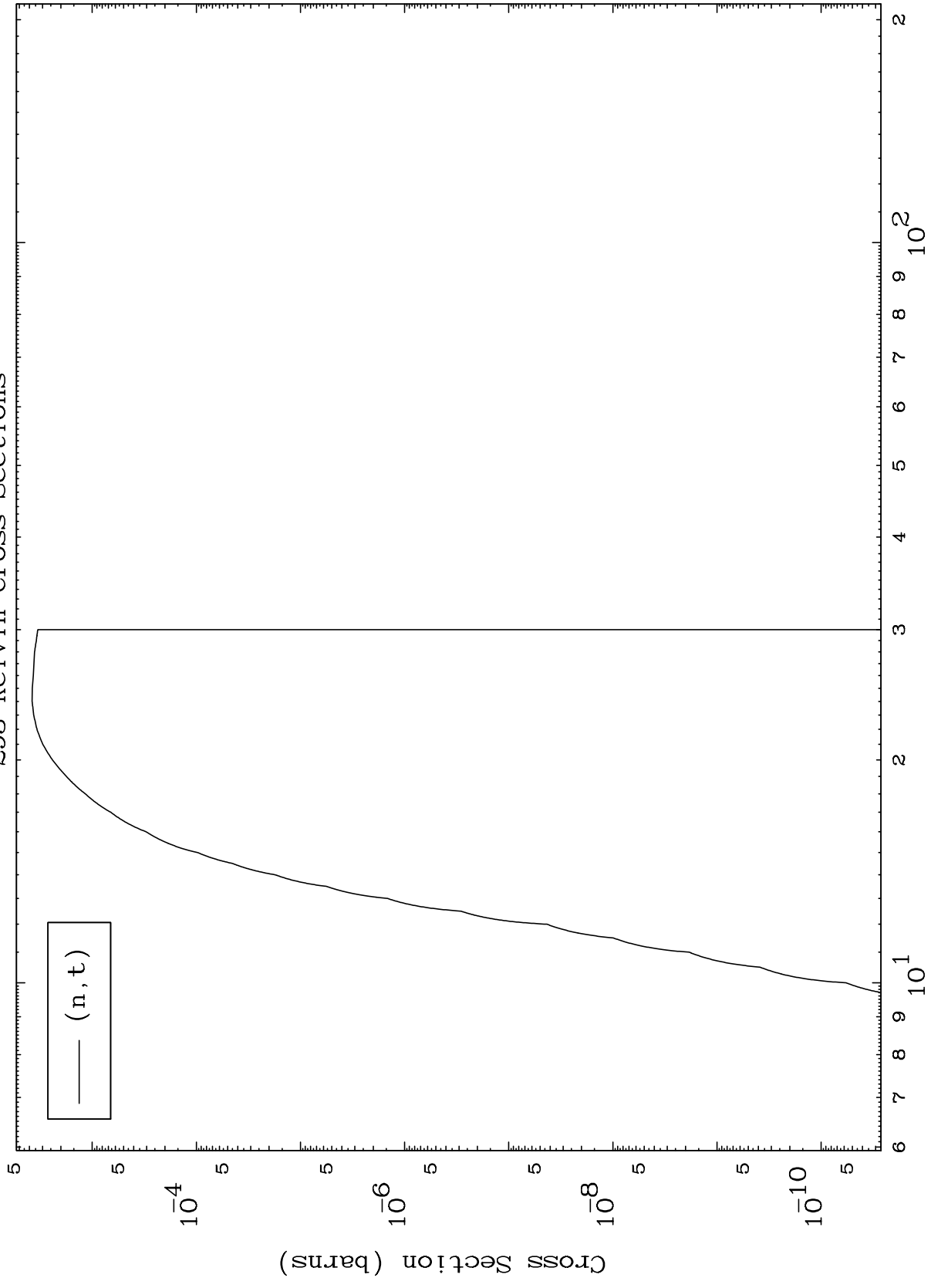
Incident Energy (MeV)

51-Sb-129

MAT 5150

(n,t) Levels
293 Kelvin Cross Sections

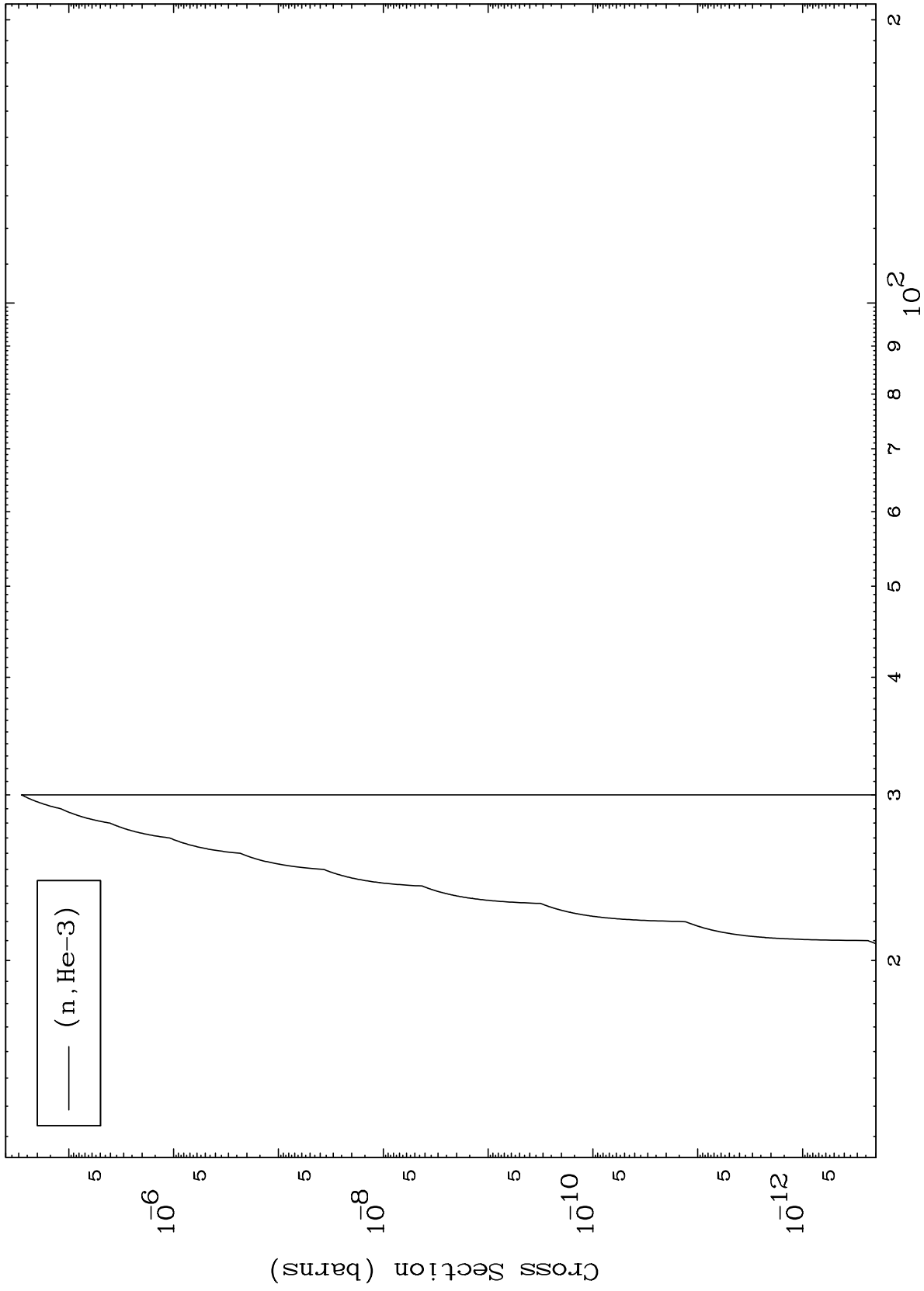
51-Sb-129



12

Incident Energy (MeV)

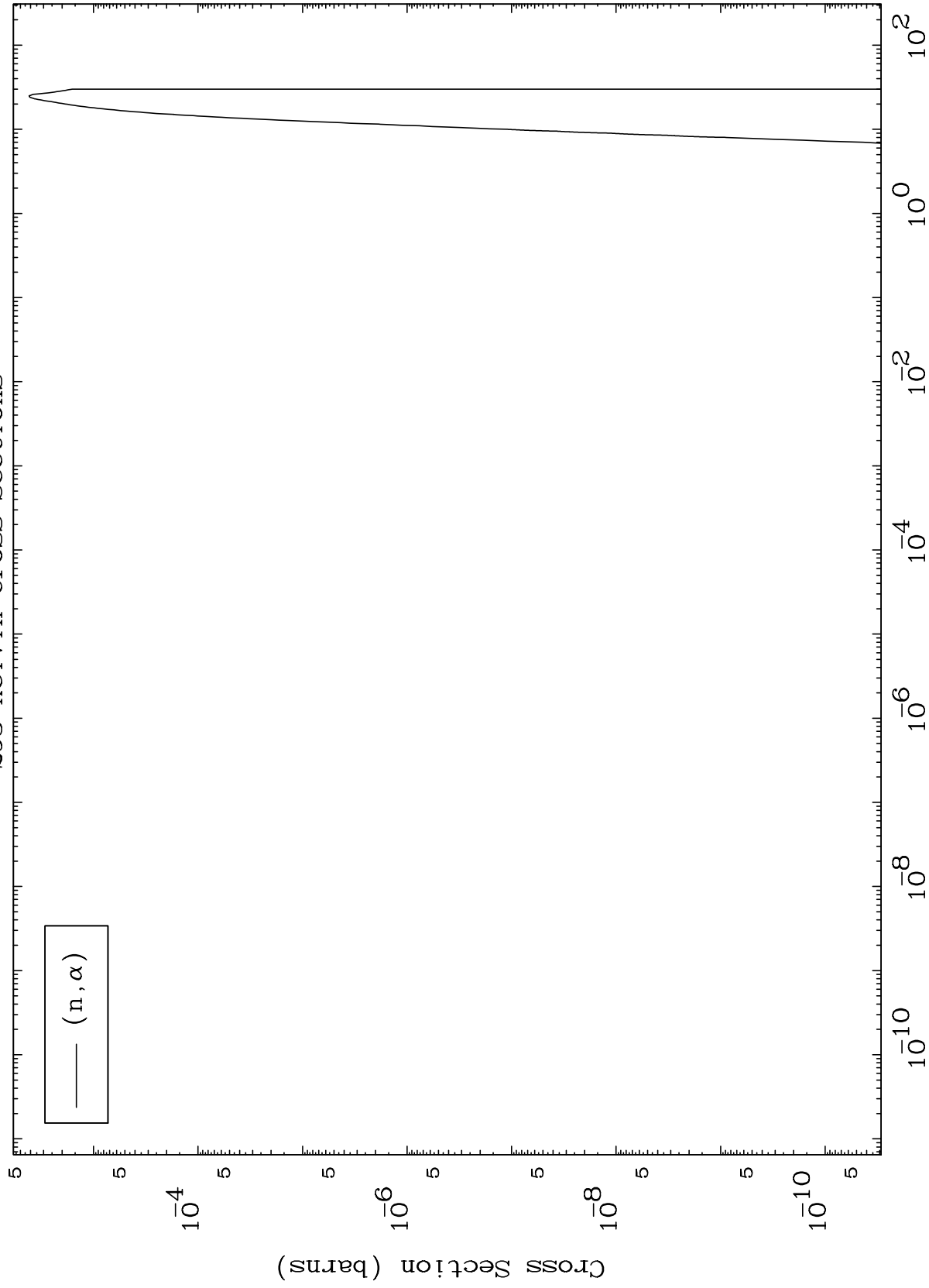
51-Sb-129



MAT 5150

(n,α) Levels
293 Kelvin Cross Sections

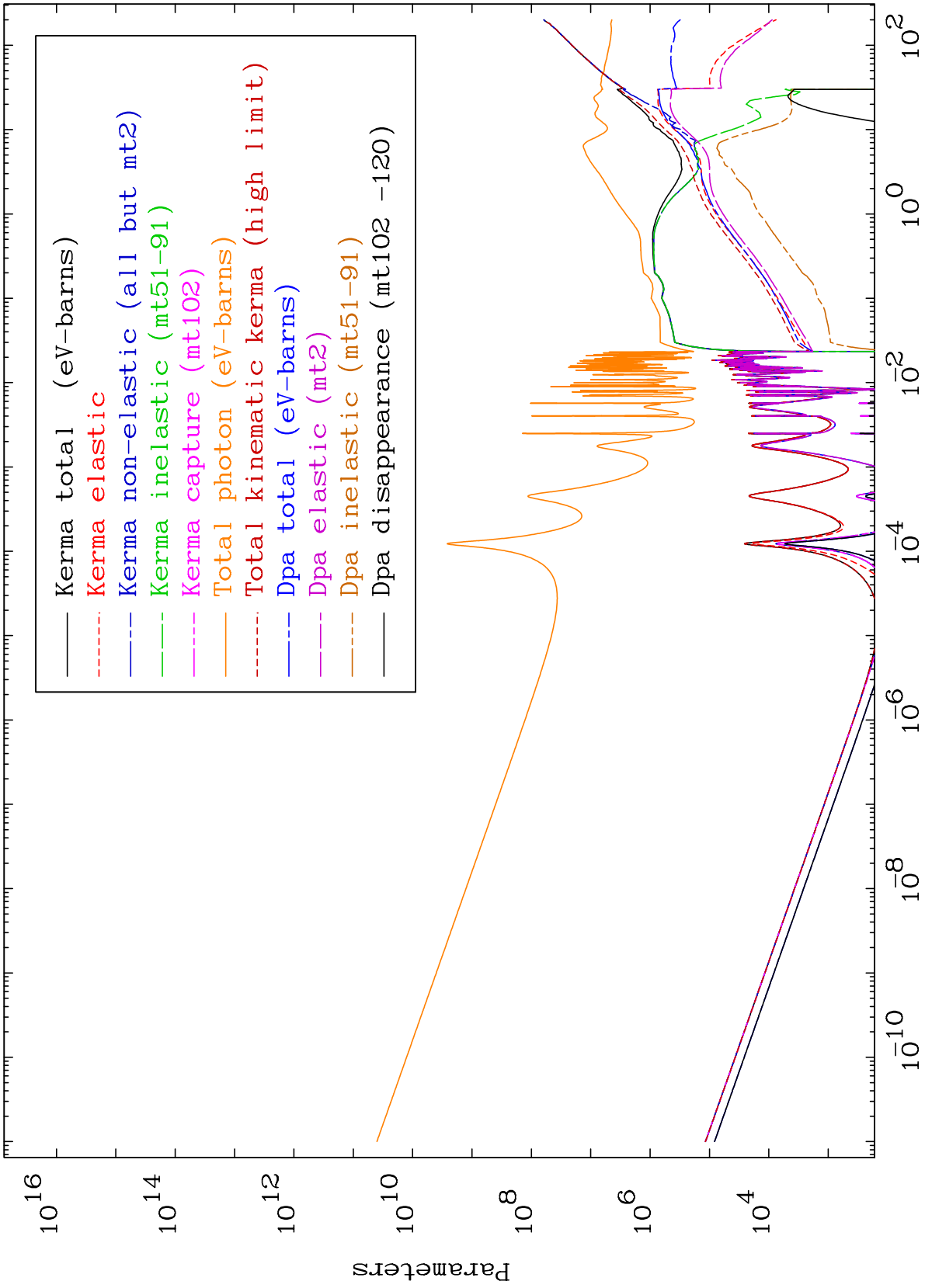
51-Sb-129



14

Incident Energy (MeV)

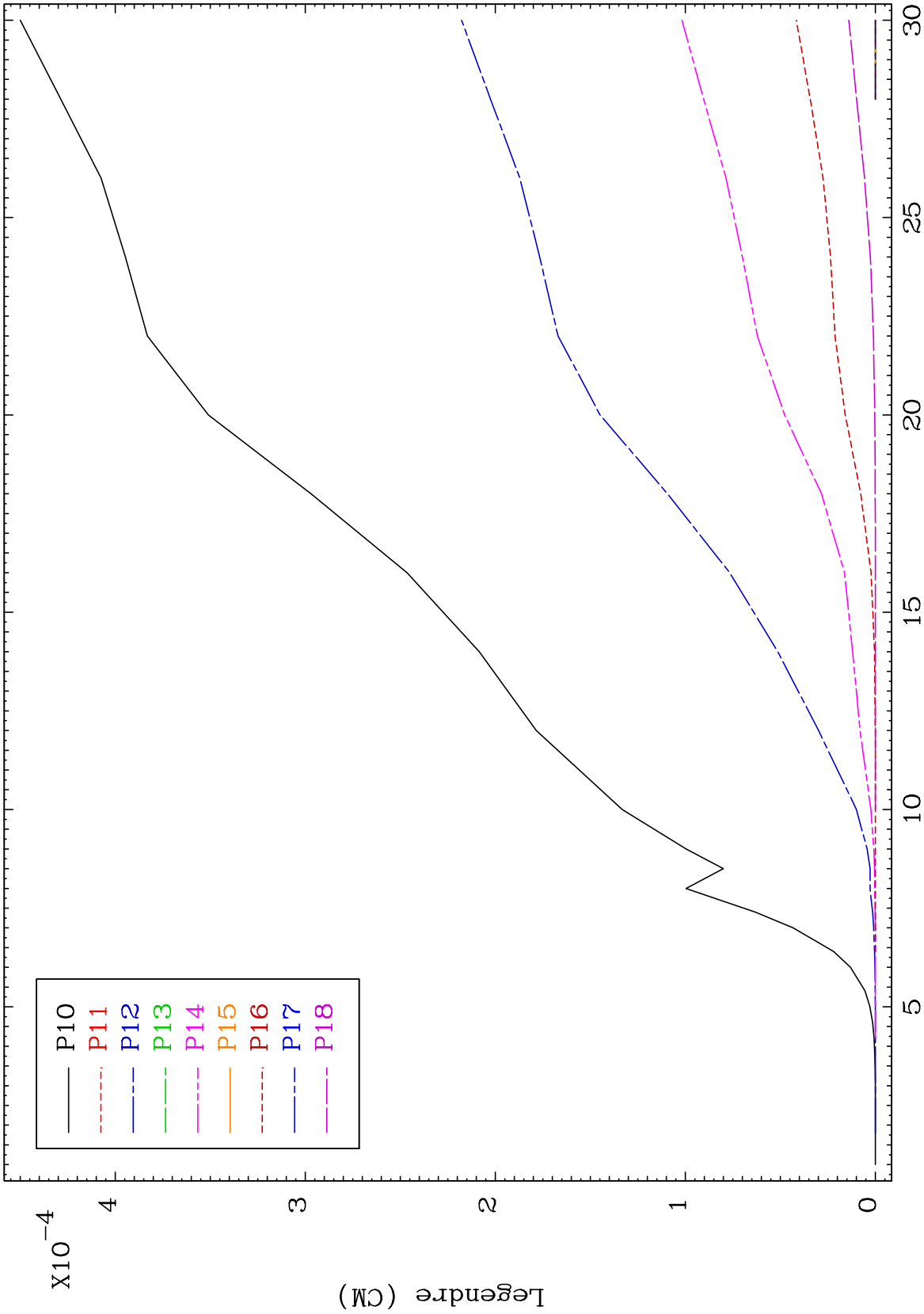
51-Sb-129



MAT 5150

Elastic Legendre Coefficients

51-Sb-129



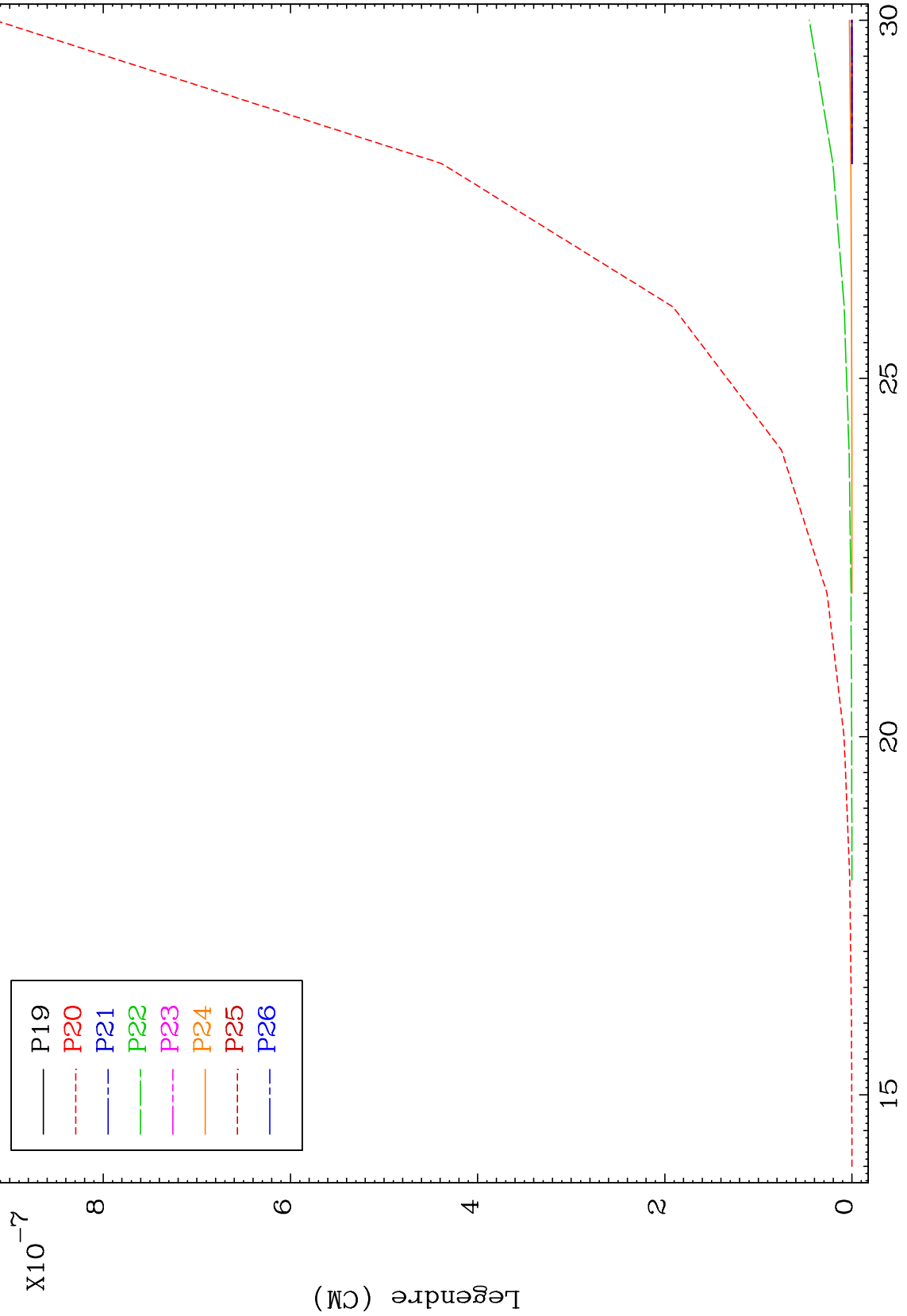
17

51-Sb-129

MAT 5150

Elastic Legendre Coefficients

51-Sb-129



18

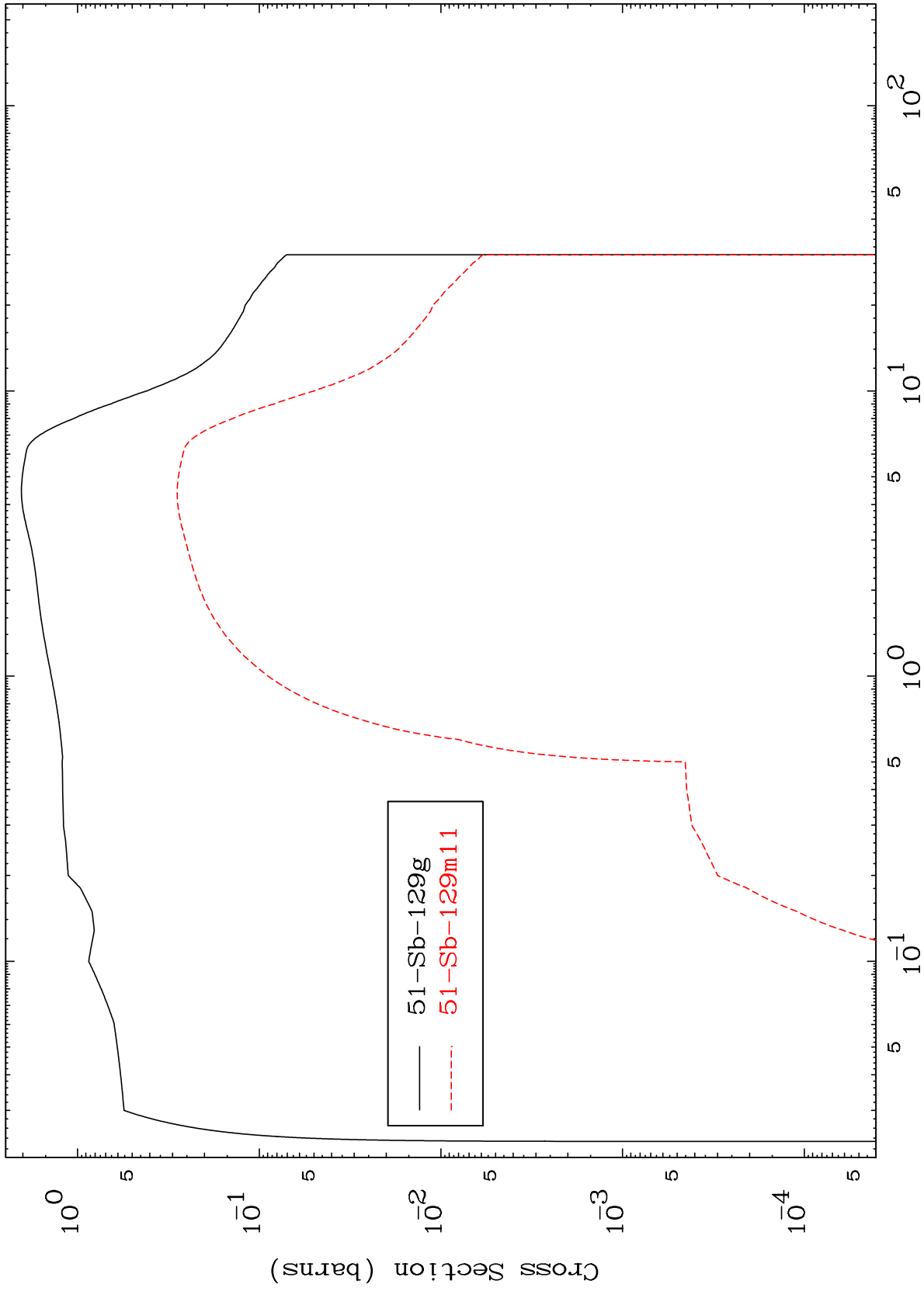
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

Inelastic Radionuclide Production Cross Section



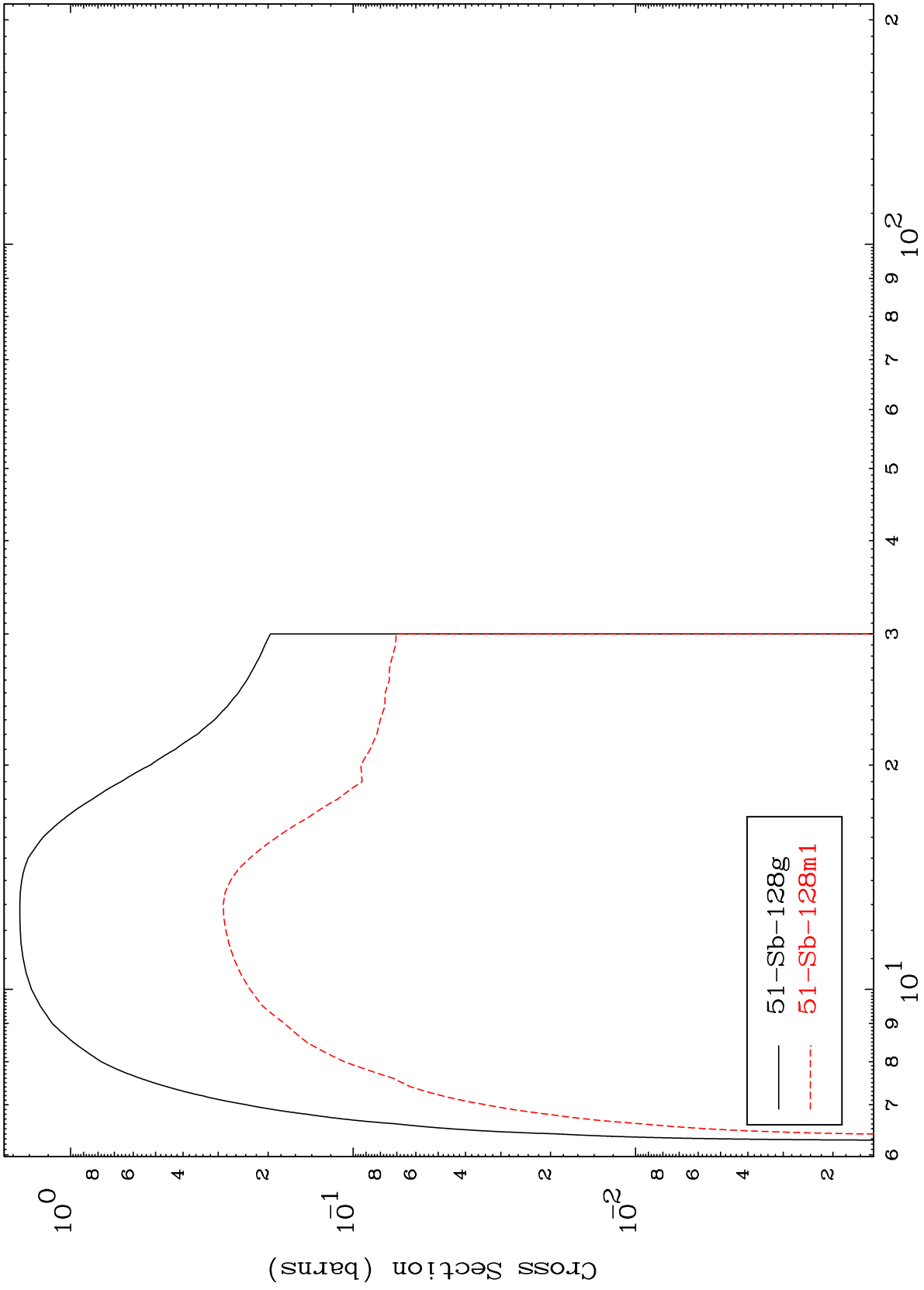
19

51-Sb-129

MAT 5150

51-Sb-129

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

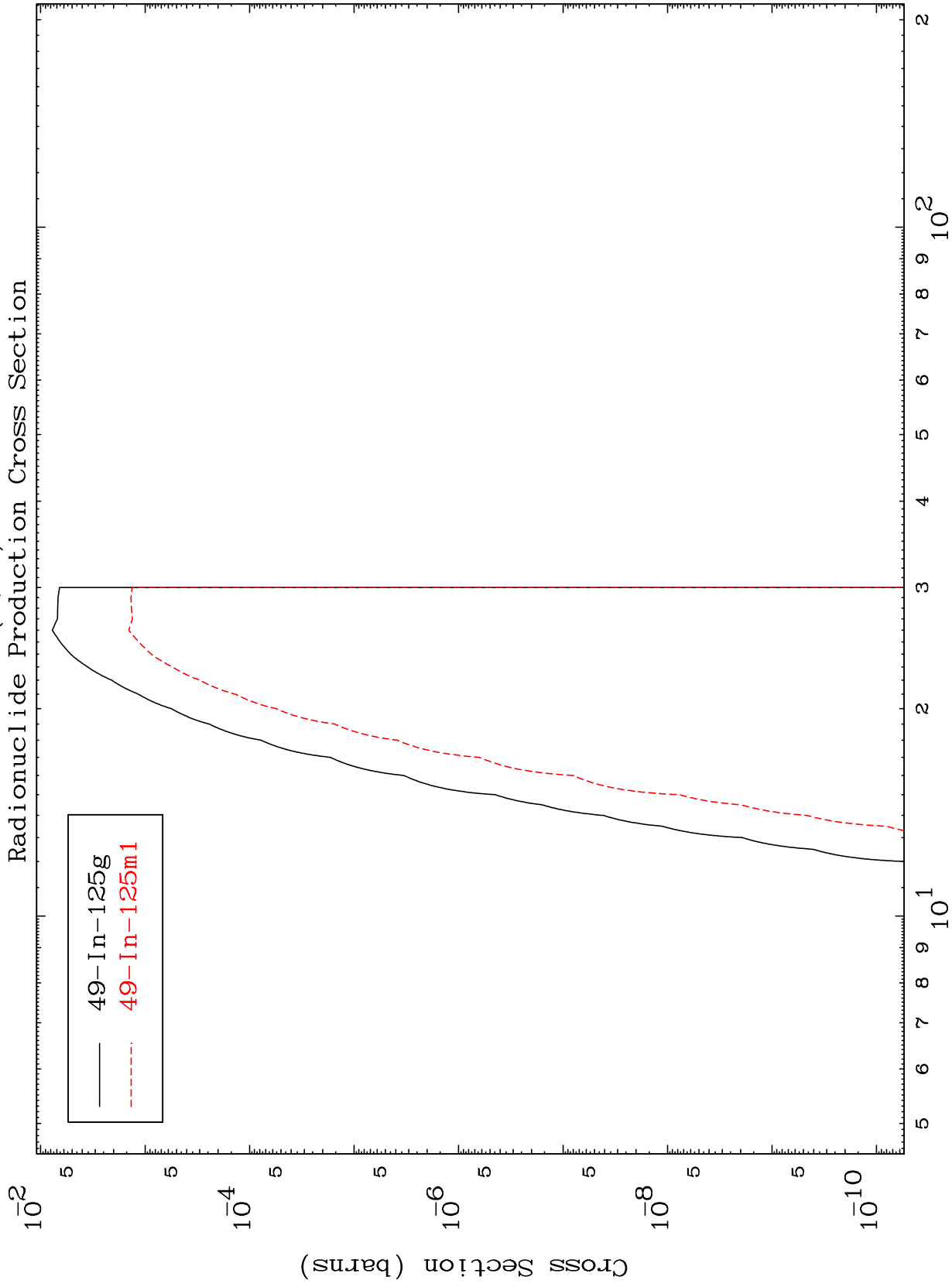
51-Sb-129

MAT 5150

(n,n') α

51-Sb-129

Radionuclide Production Cross Section



49-In-125g
49-In-125m1

21

Incident Energy (MeV)

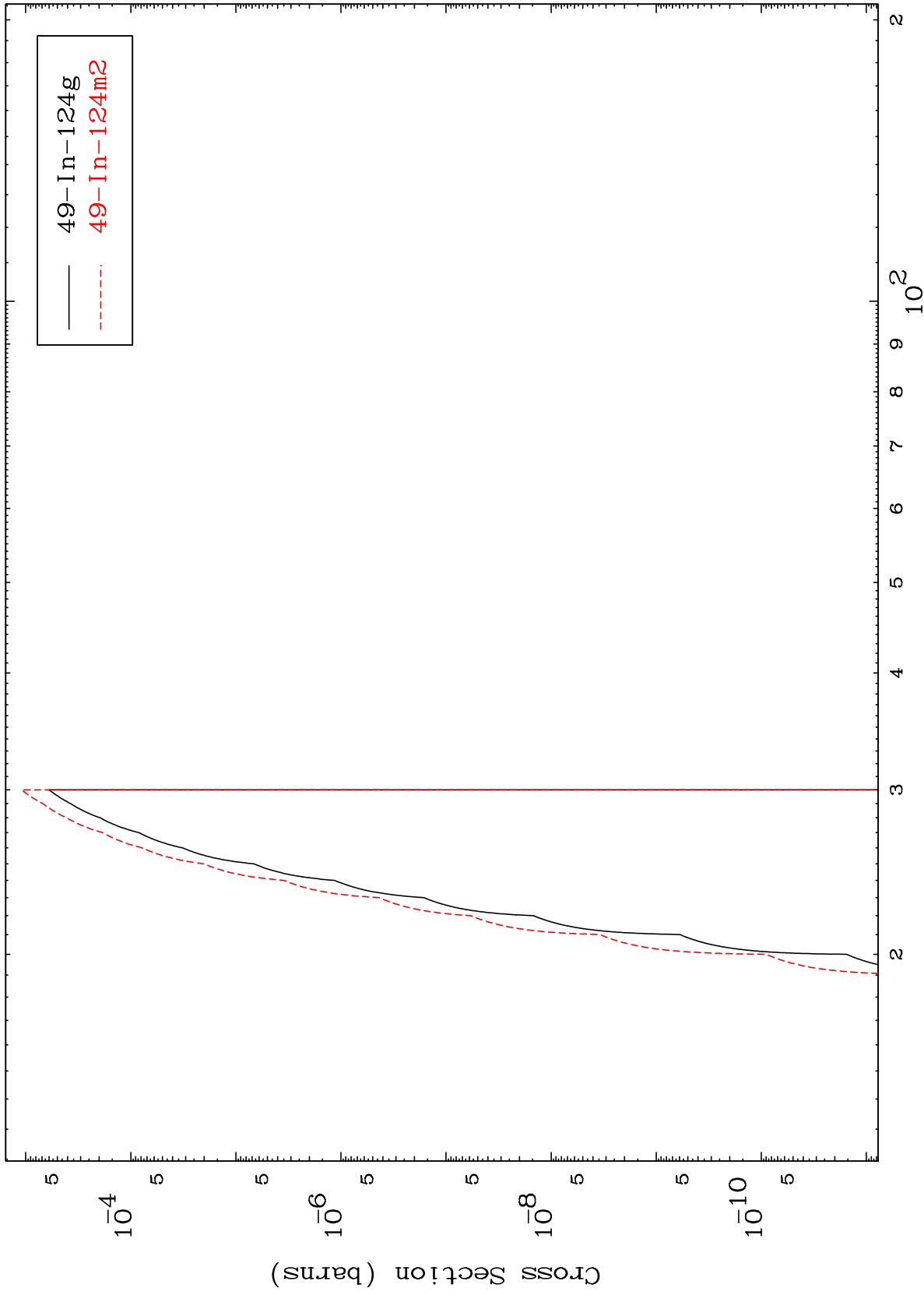
51-Sb-129

MAT 5150

(n,2n) α

51-Sb-129

Radionuclide Production Cross Section



22

Incident Energy (MeV)

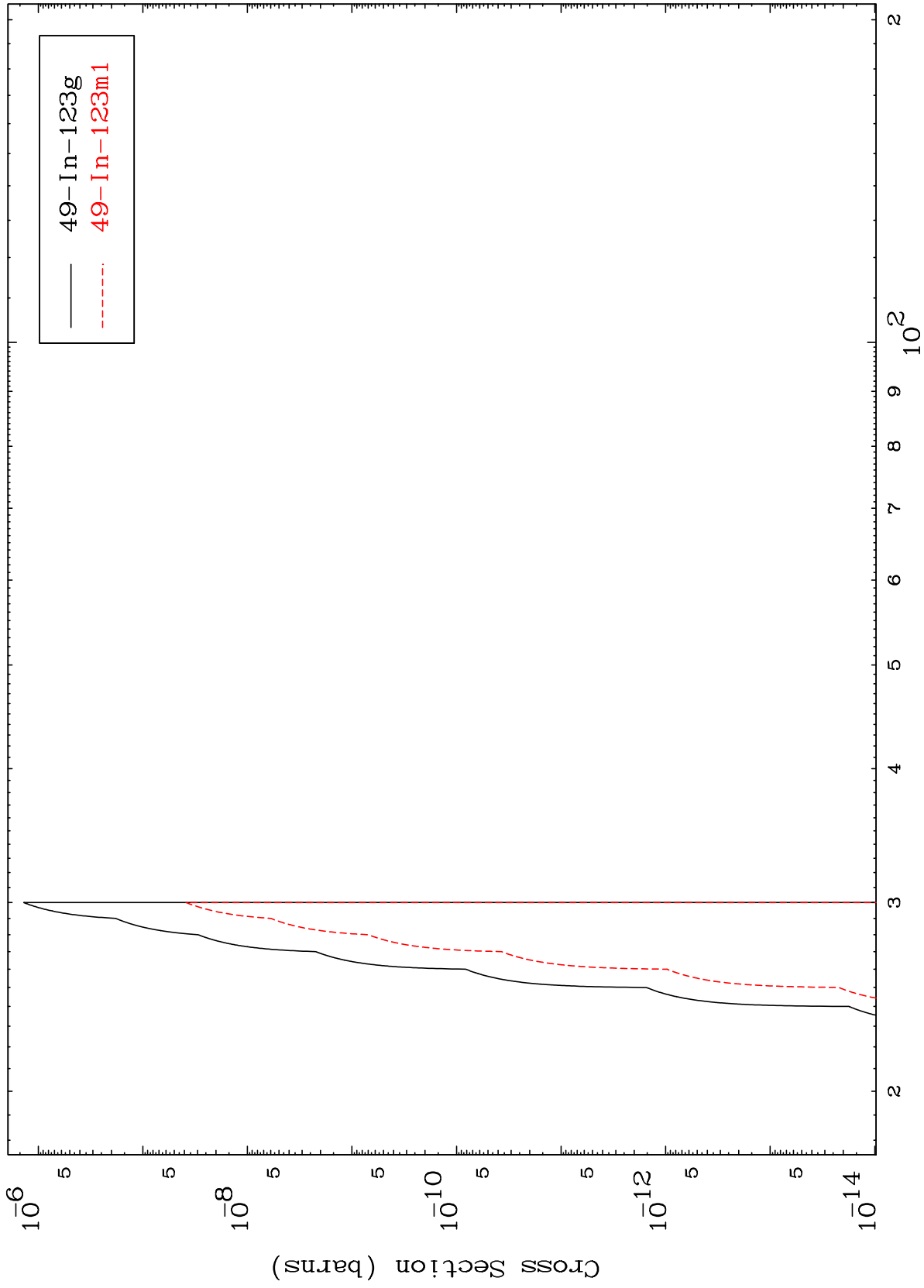
51-Sb-129

MAT 5150

(n,3n) α

51-Sb-129

Radionuclide Production Cross Section



23

Incident Energy (MeV)

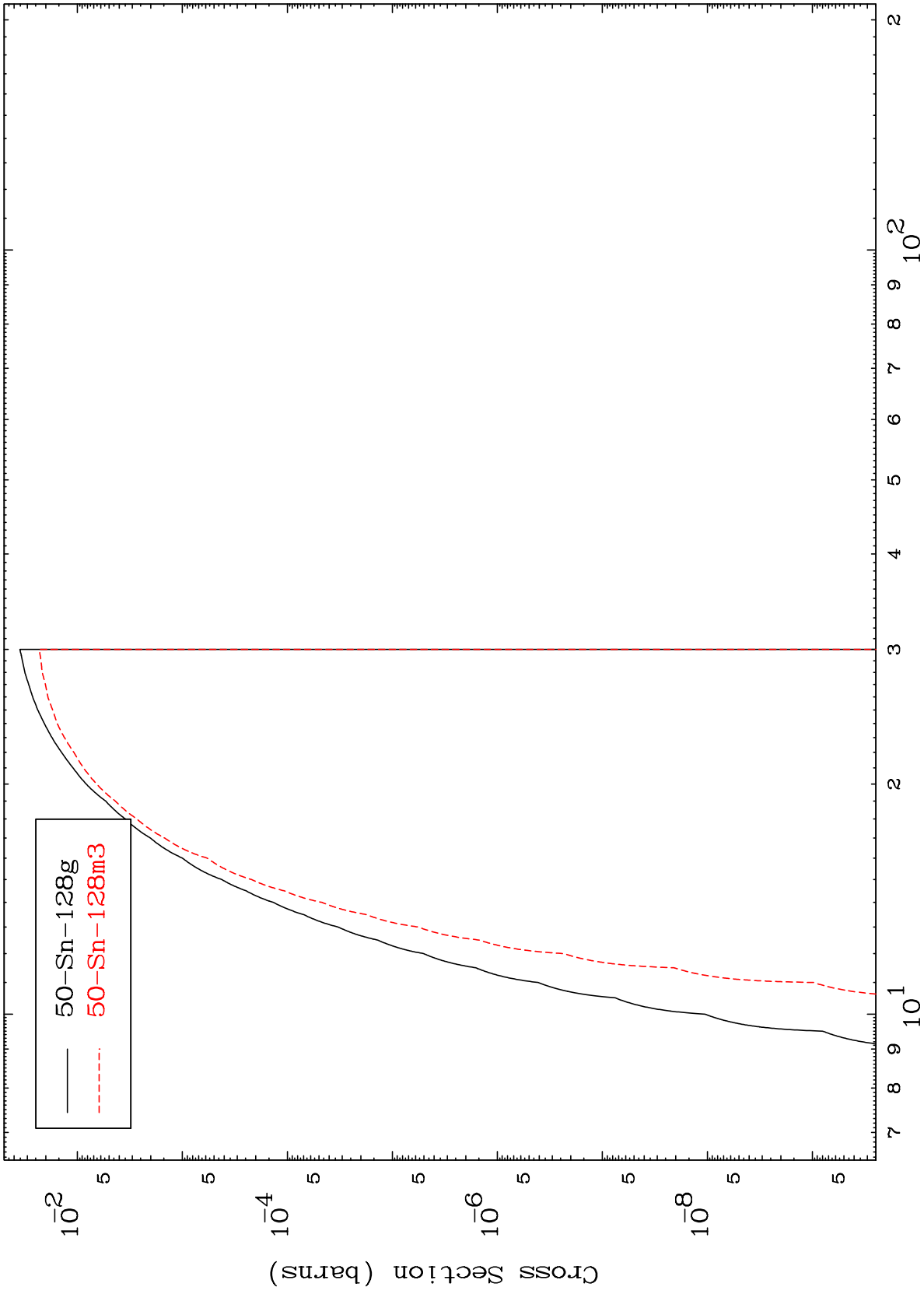
51-Sb-129

MAT 5150

(n,n') p

51-Sb-129

Radionuclide Production Cross Section

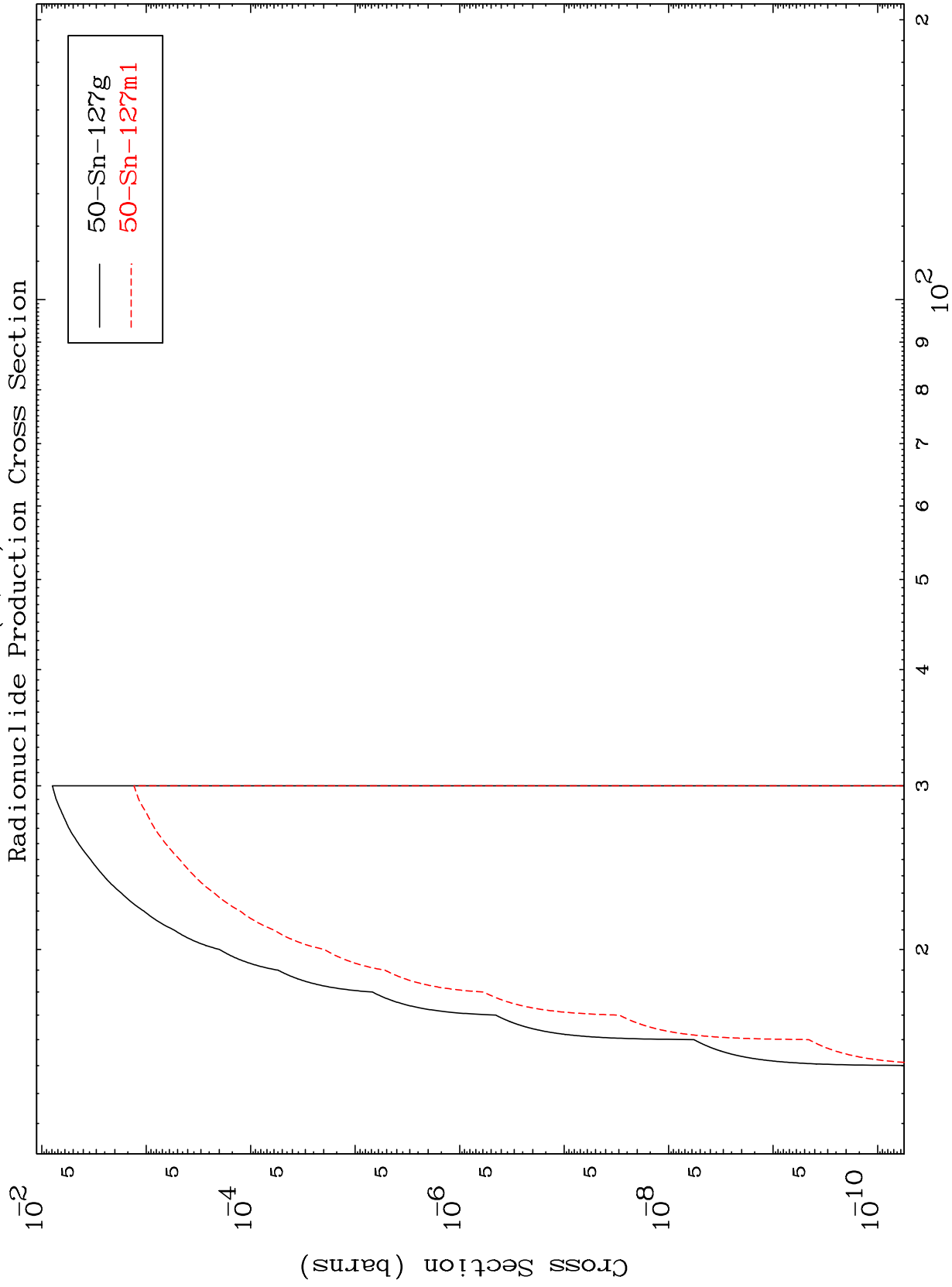


24

MAT 5150

(n,n') d

51-Sb-129



25

Incident Energy (MeV)

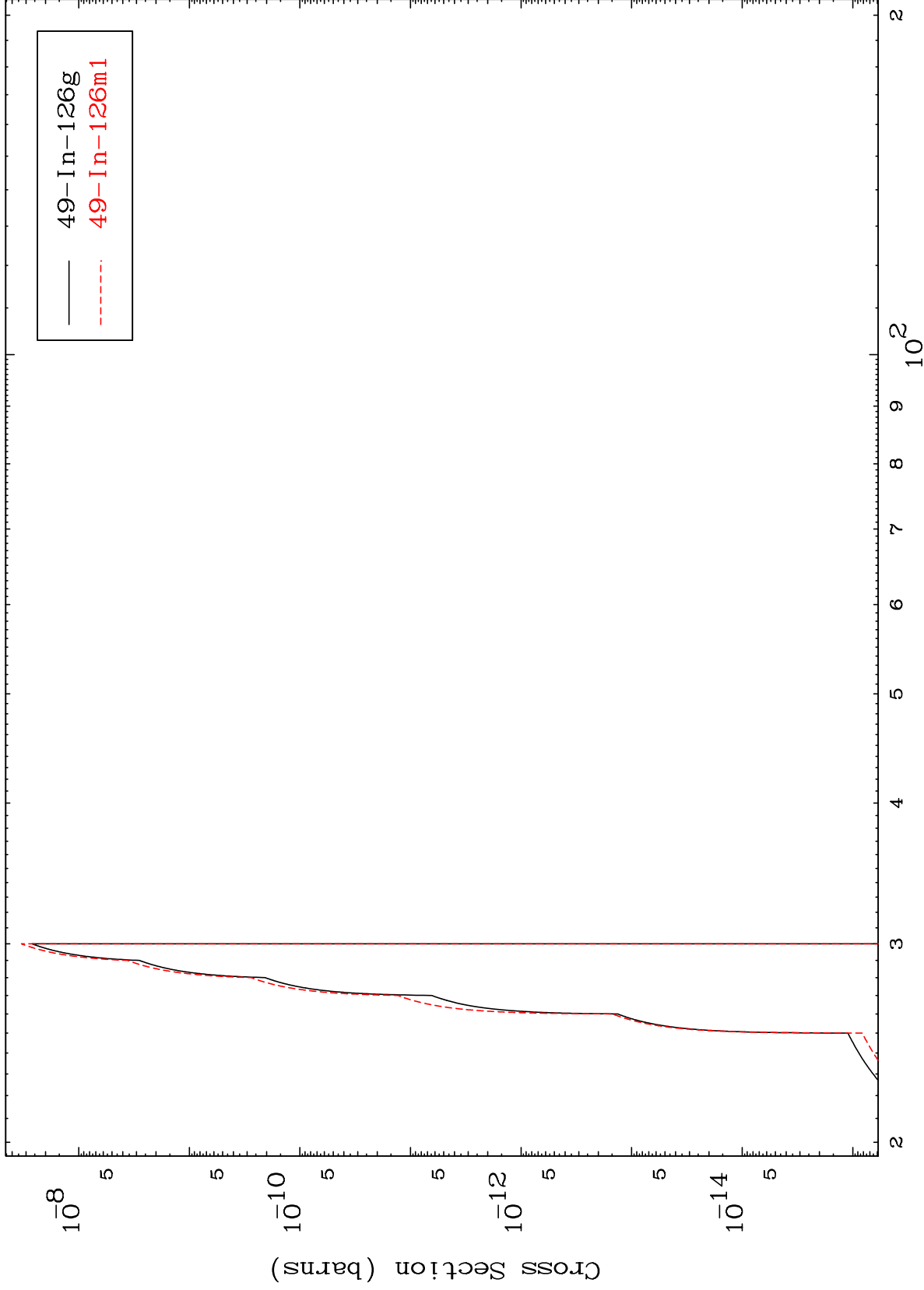
51-Sb-129

MAT 5150

(n, n') He-3

51-Sb-129

Radionuclide Production Cross Section



26

Incident Energy (MeV)

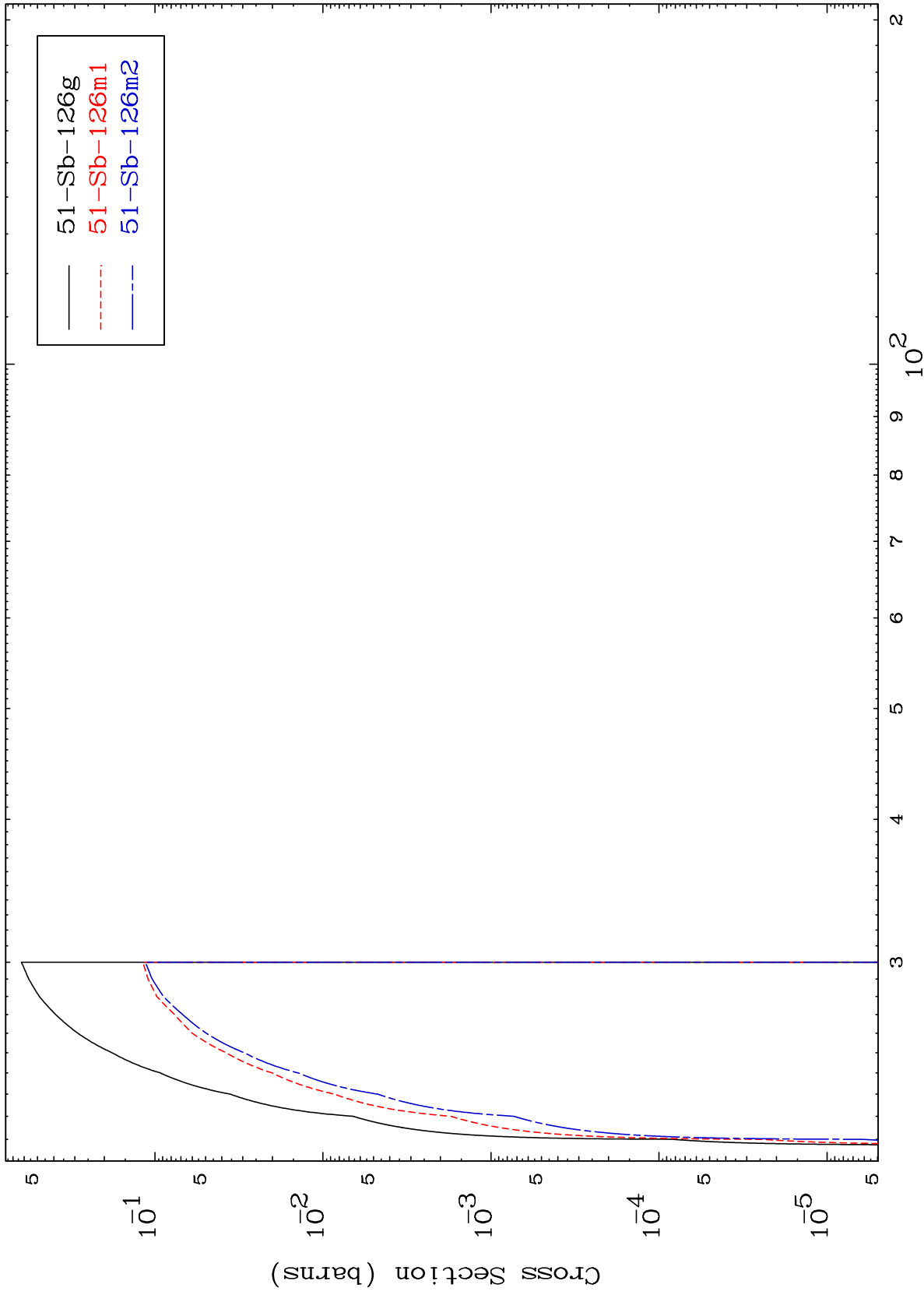
51-Sb-129

MAT 5150

(n,4n)

51-Sb-129

Radionuclide Production Cross Section



27

Incident Energy (MeV)

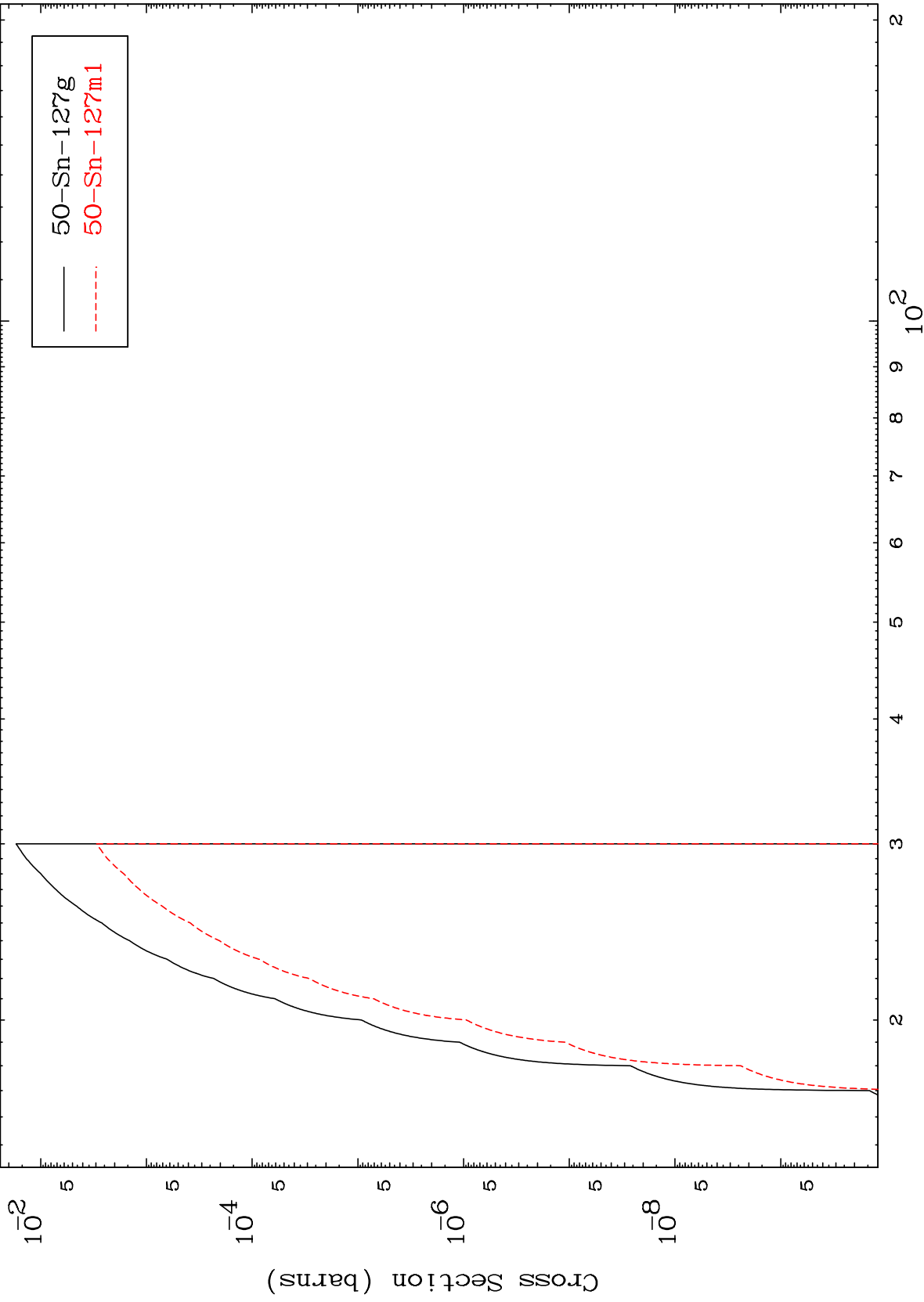
51-Sb-129

MAT 5150

(n,2n) p

51-Sb-129

Radionuclide Production Cross Section



28

Incident Energy (MeV)

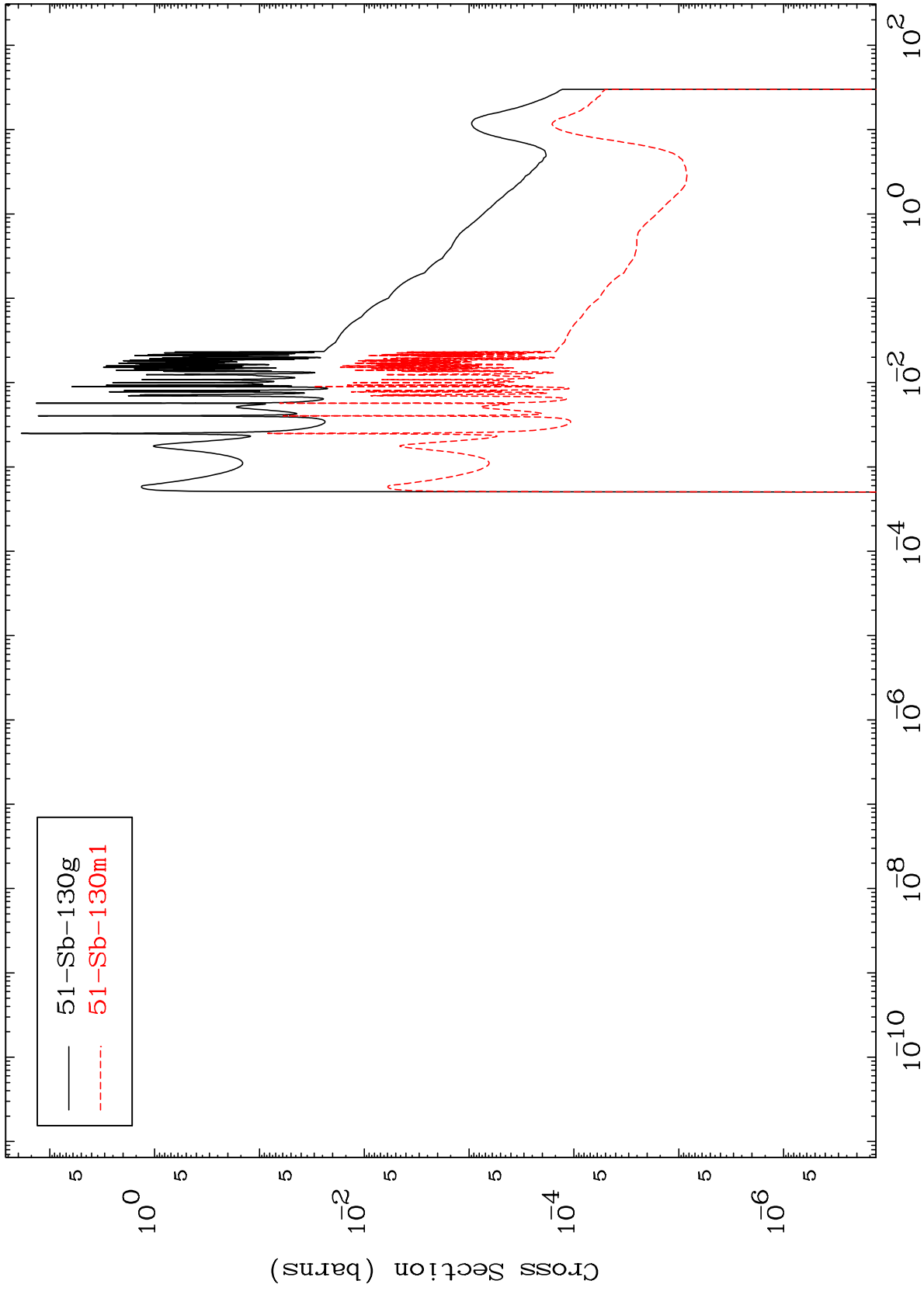
51-Sb-129

MAT 5150

(n,γ)

51-Sb-129

Radionuclide Production Cross Section



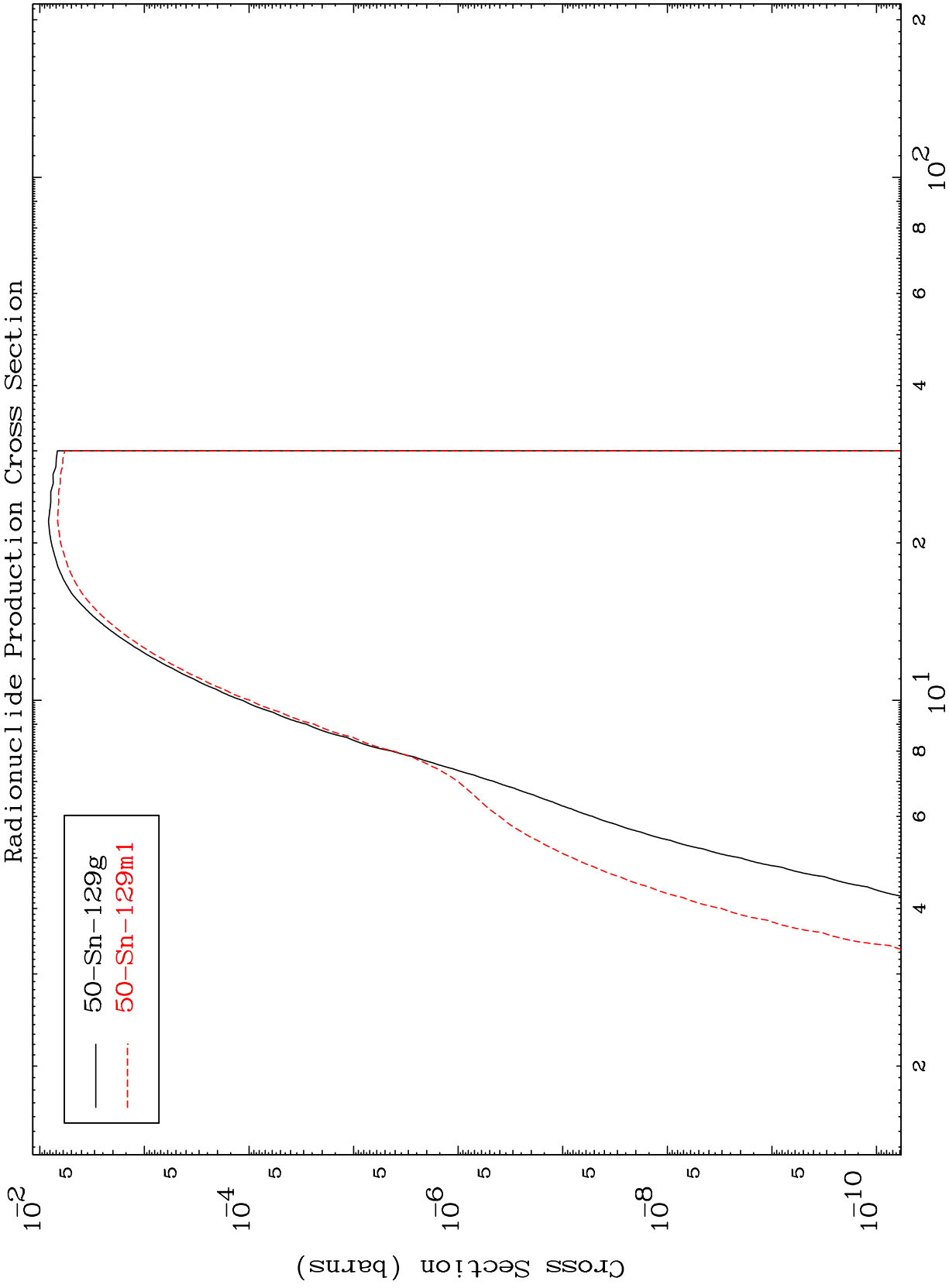
29

51-Sb-129

MAT 5150

51-Sb-129

Radionuclide Production Cross Section (n,p)



30

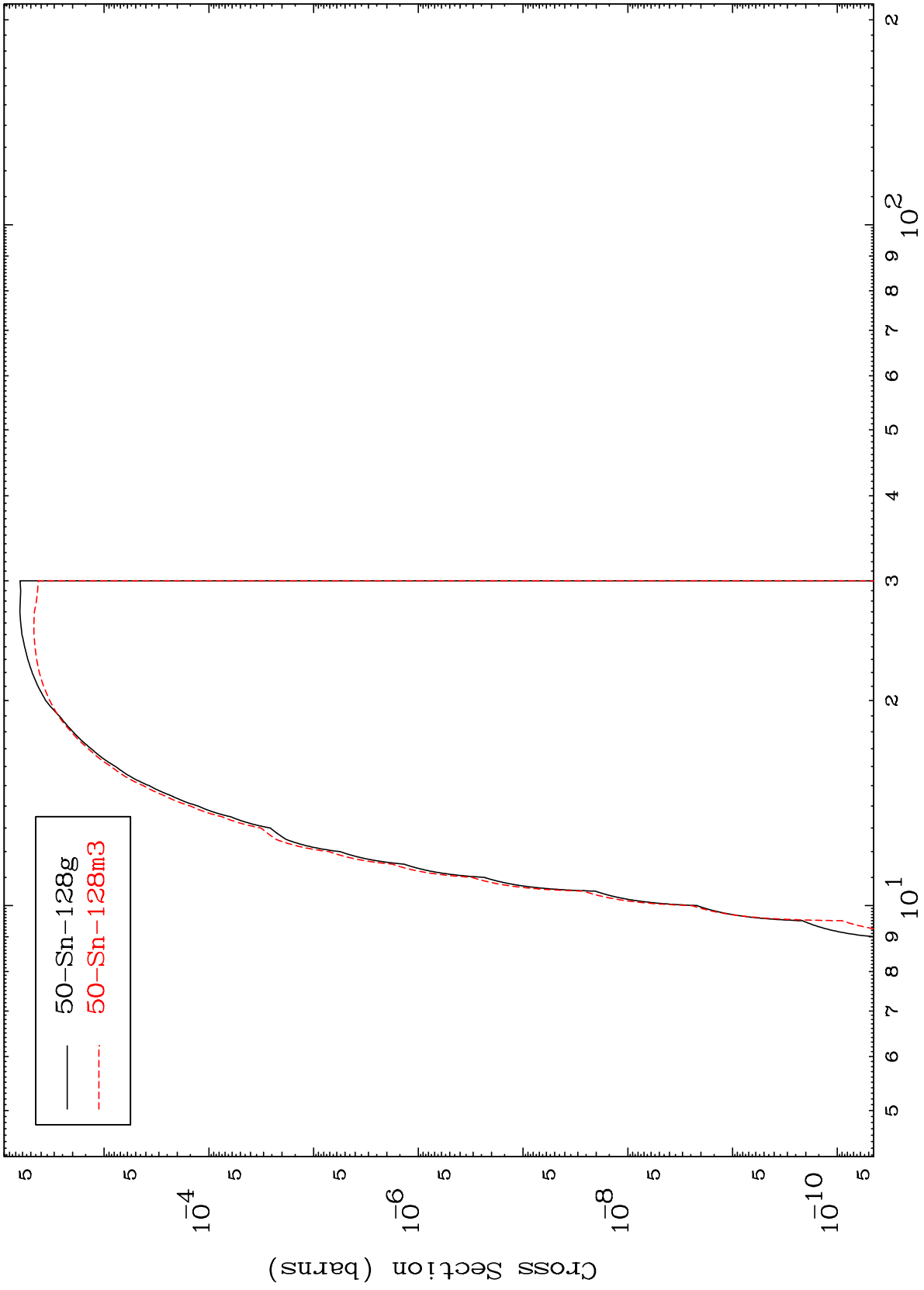
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(n,d)
Radionuclide Production Cross Section



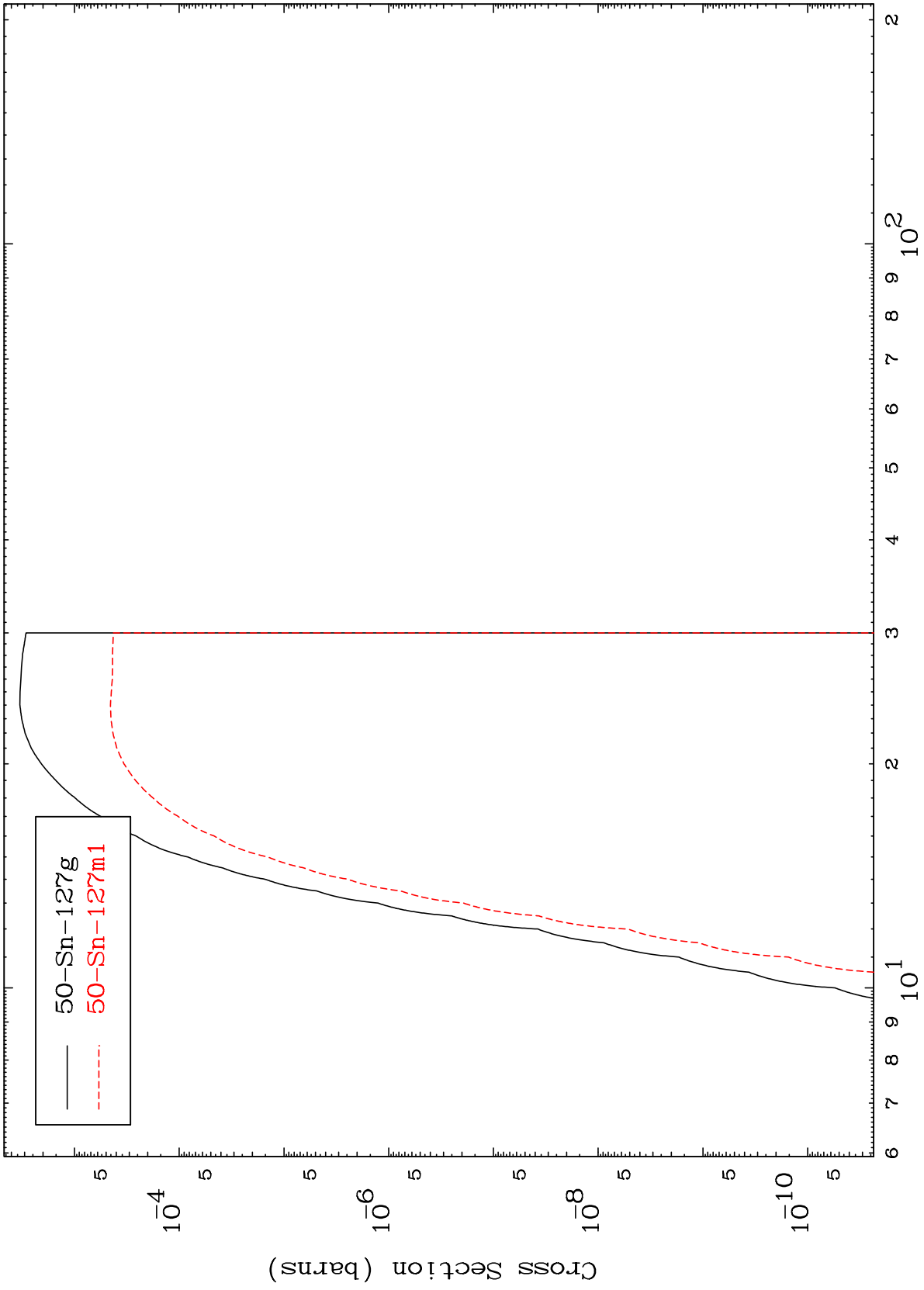
31

51-Sb-129

MAT 5150

51-Sb-129

(n,t)
Radionuclide Production Cross Section



32

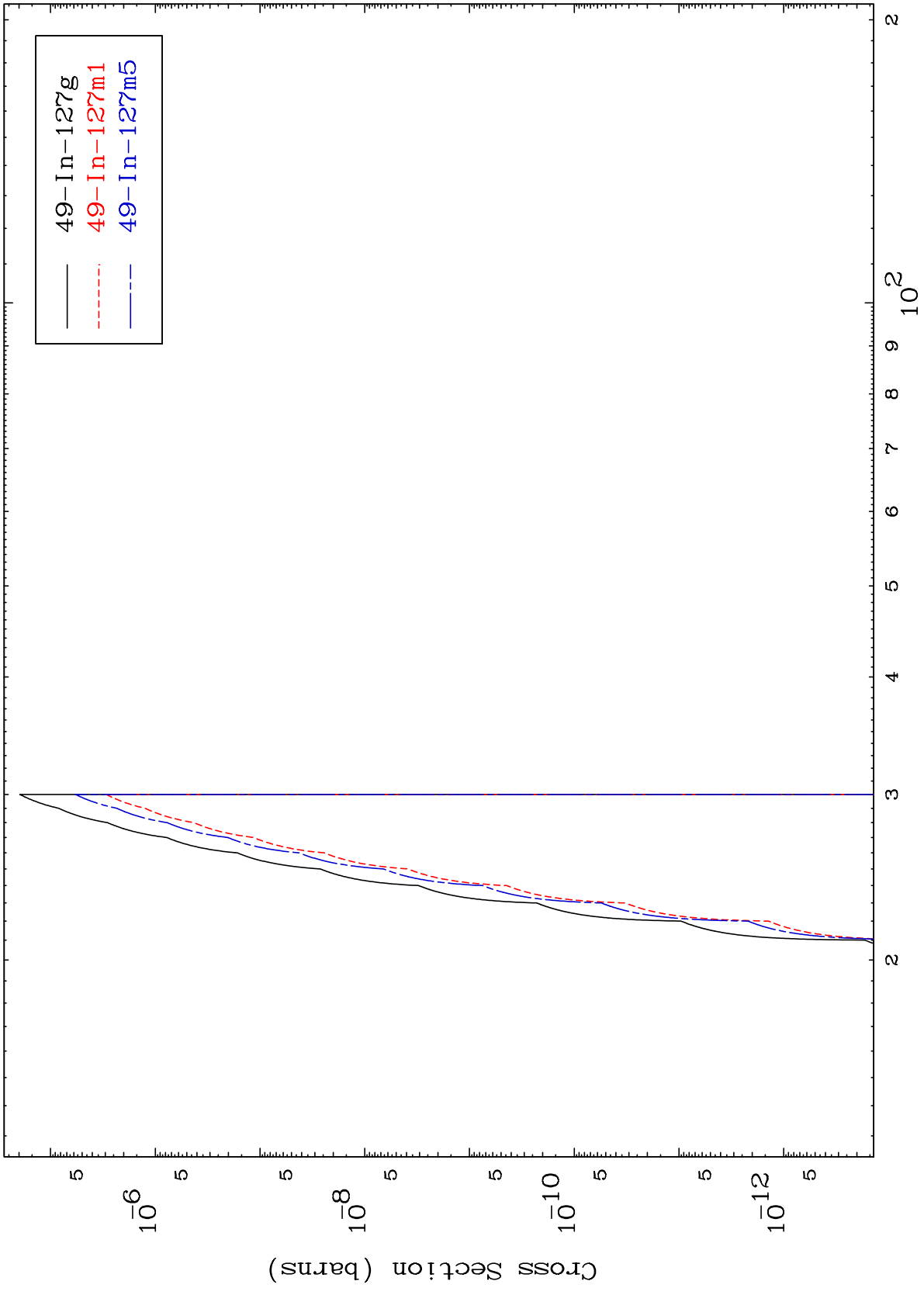
51-Sb-129

MAT 5150

(n,He-3)

51-Sb-129

Radionuclide Production Cross Section



33

Incident Energy (MeV)

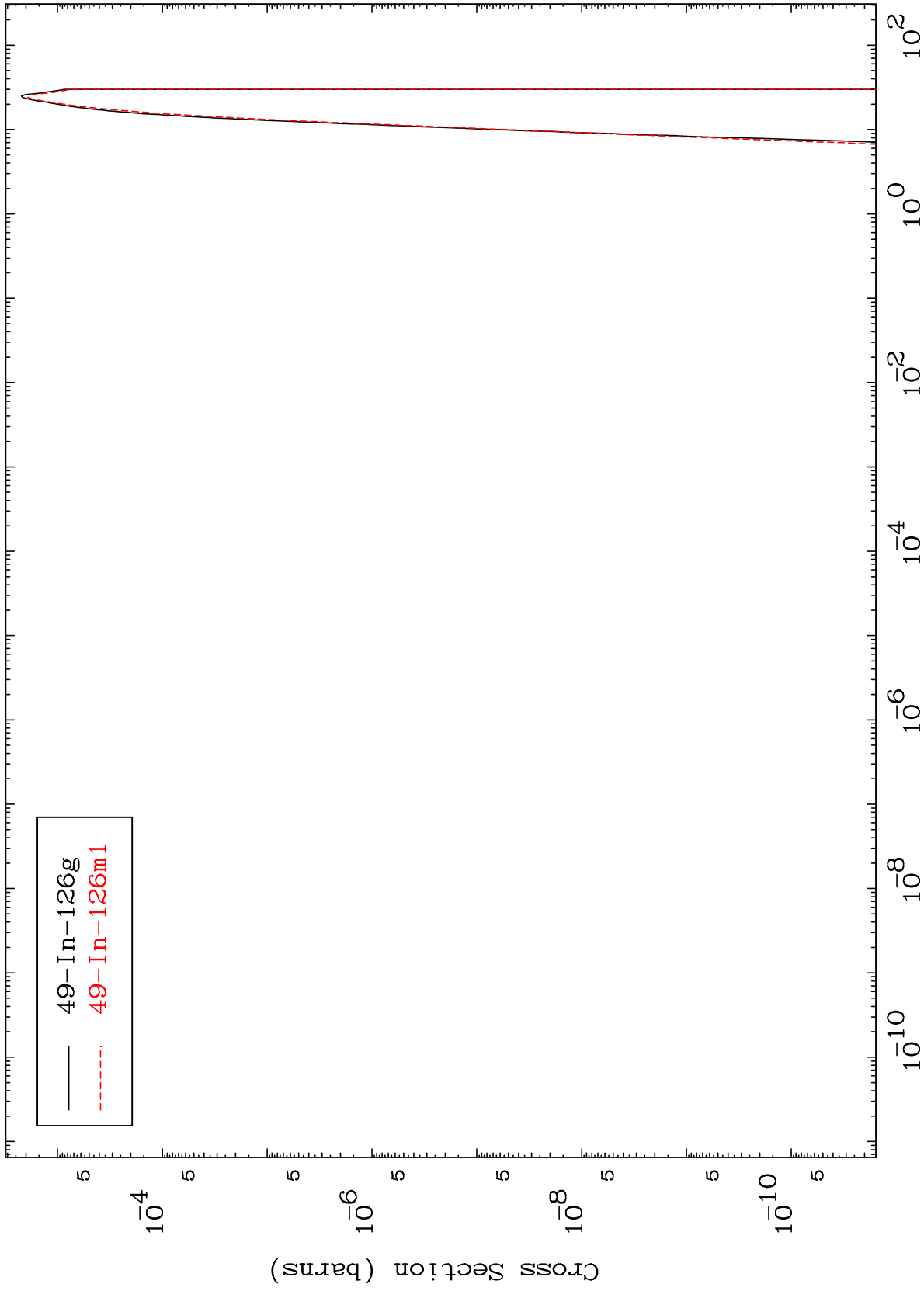
51-Sb-129

MAT 5150

(n, α)

51-Sb-129

Radionuclide Production Cross Section



34

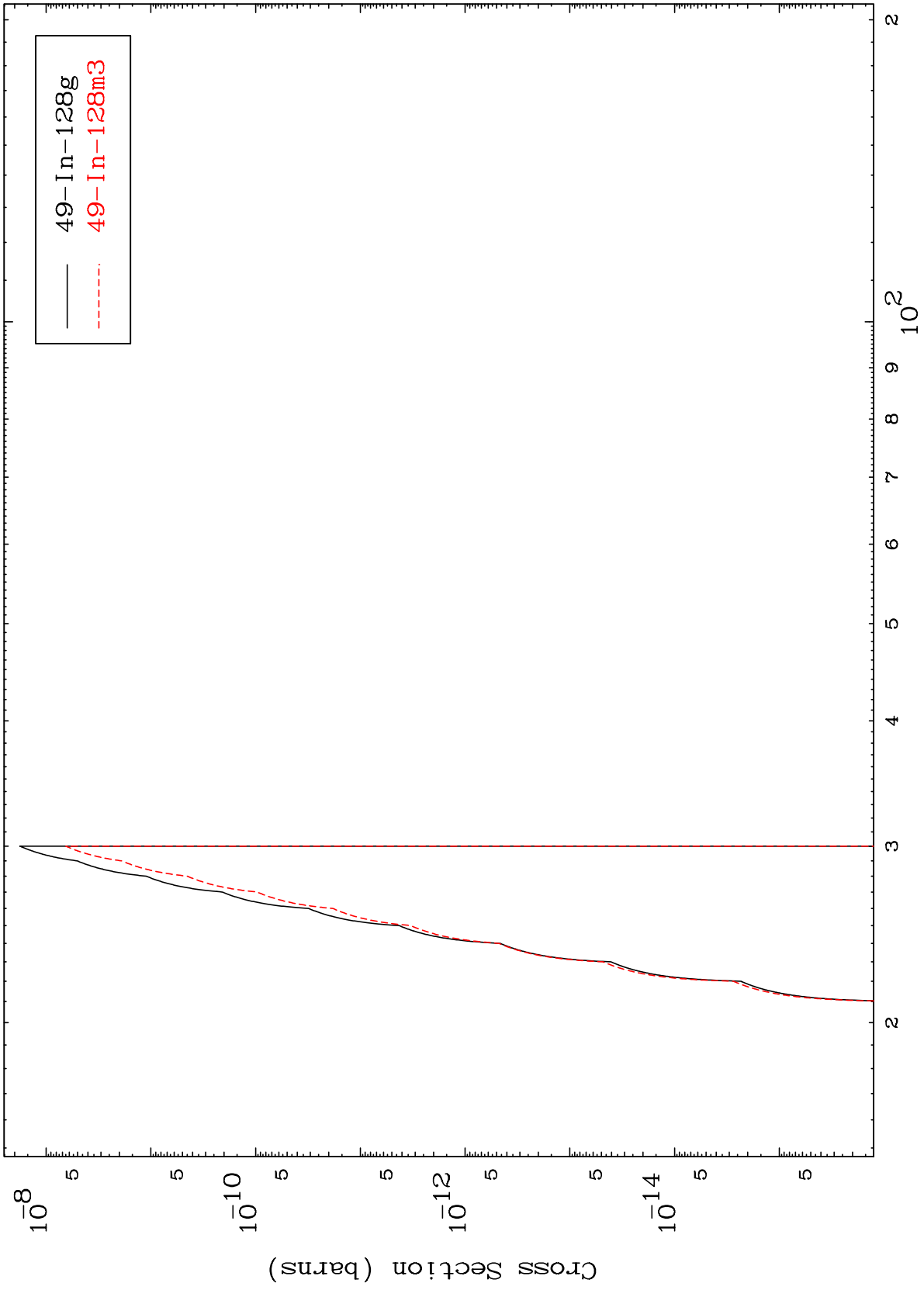
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(n,2p)
Radionuclide Production Cross Section



35

Incident Energy (MeV)

51-Sb-129