

Program EVALPLOT
(Version 2018-1)

by

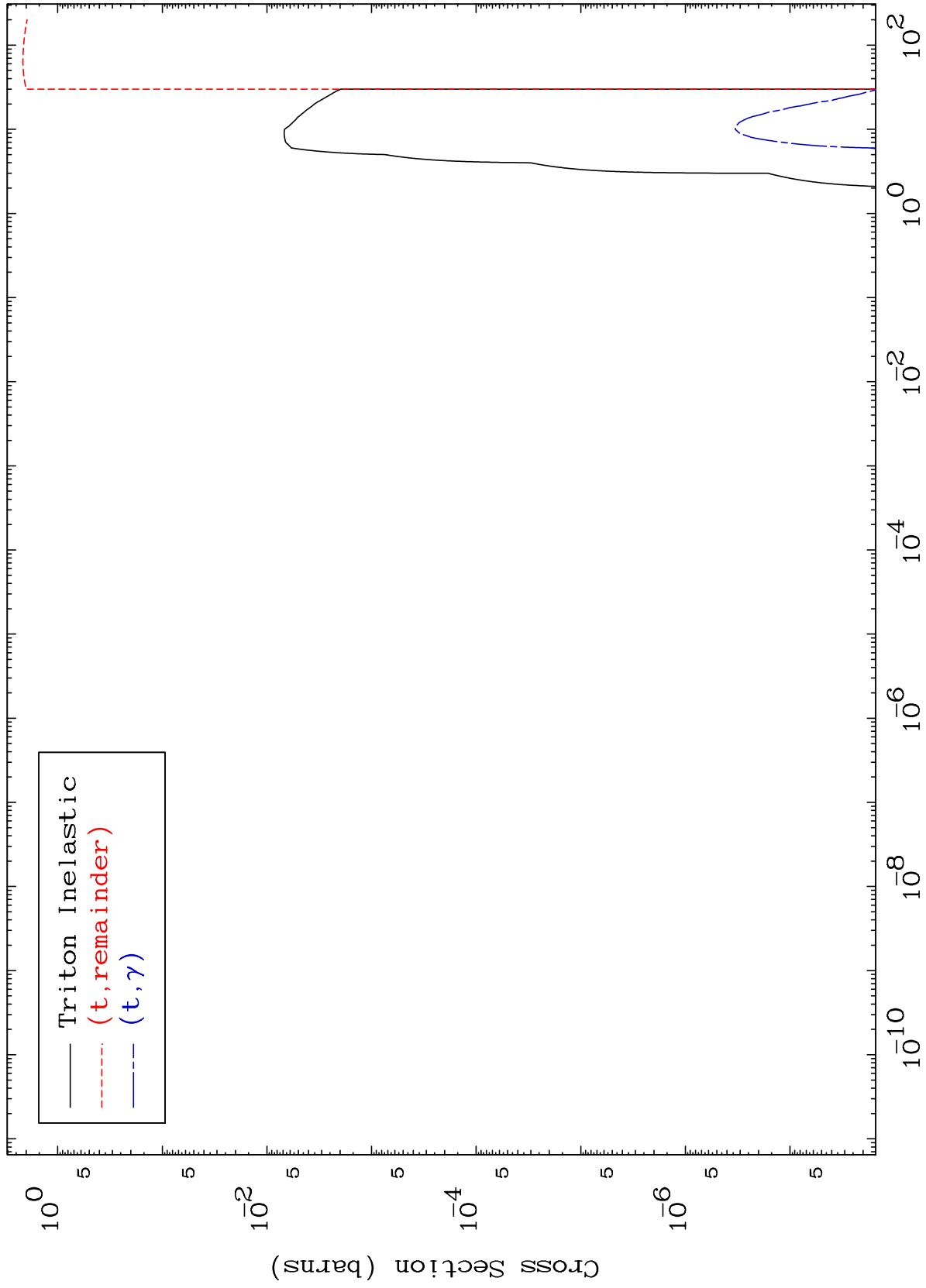
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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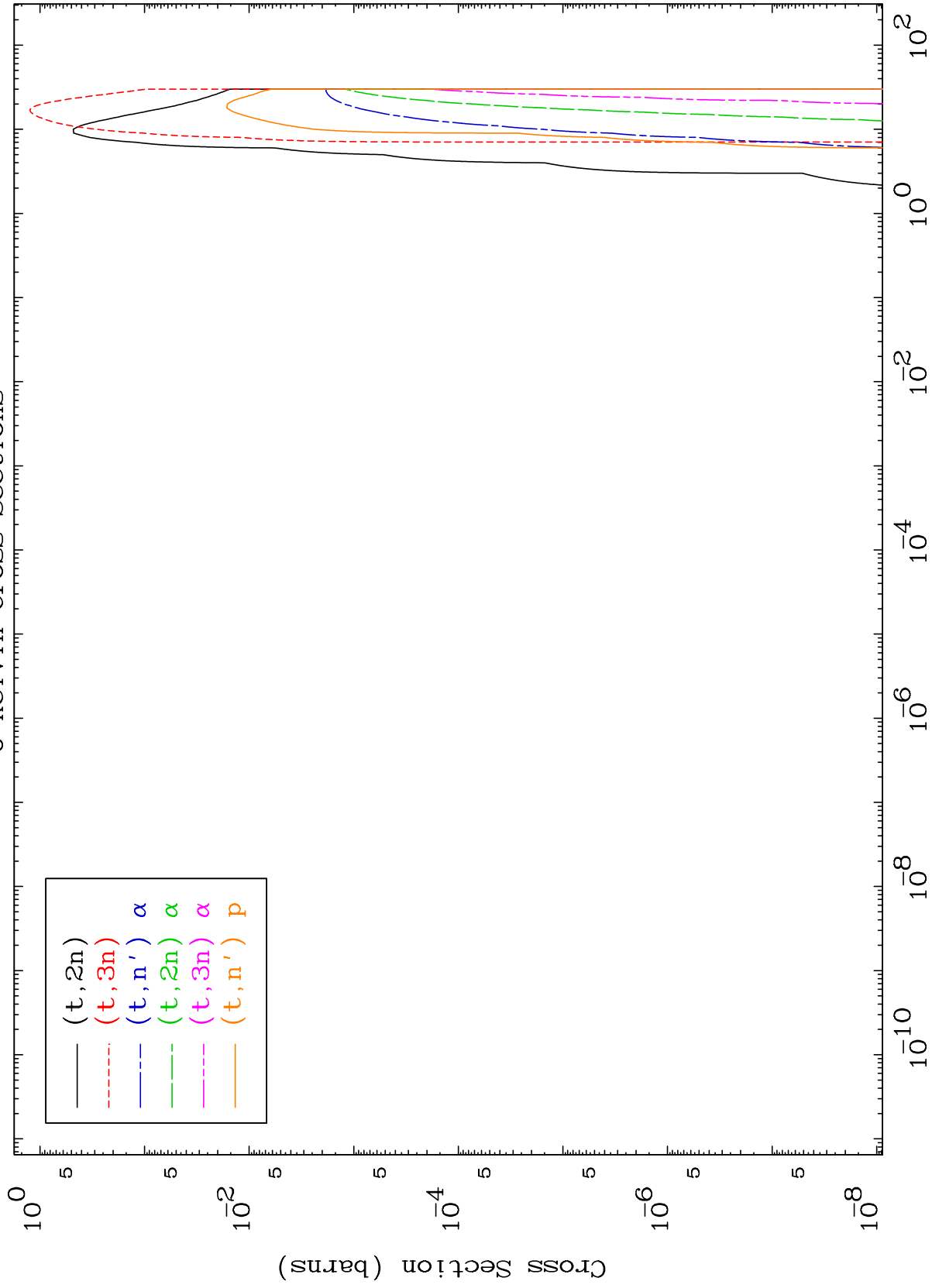
Press Mouse Button to Start



MAT 5149

Triton Neutron Production
0 Kelvin Cross Sections

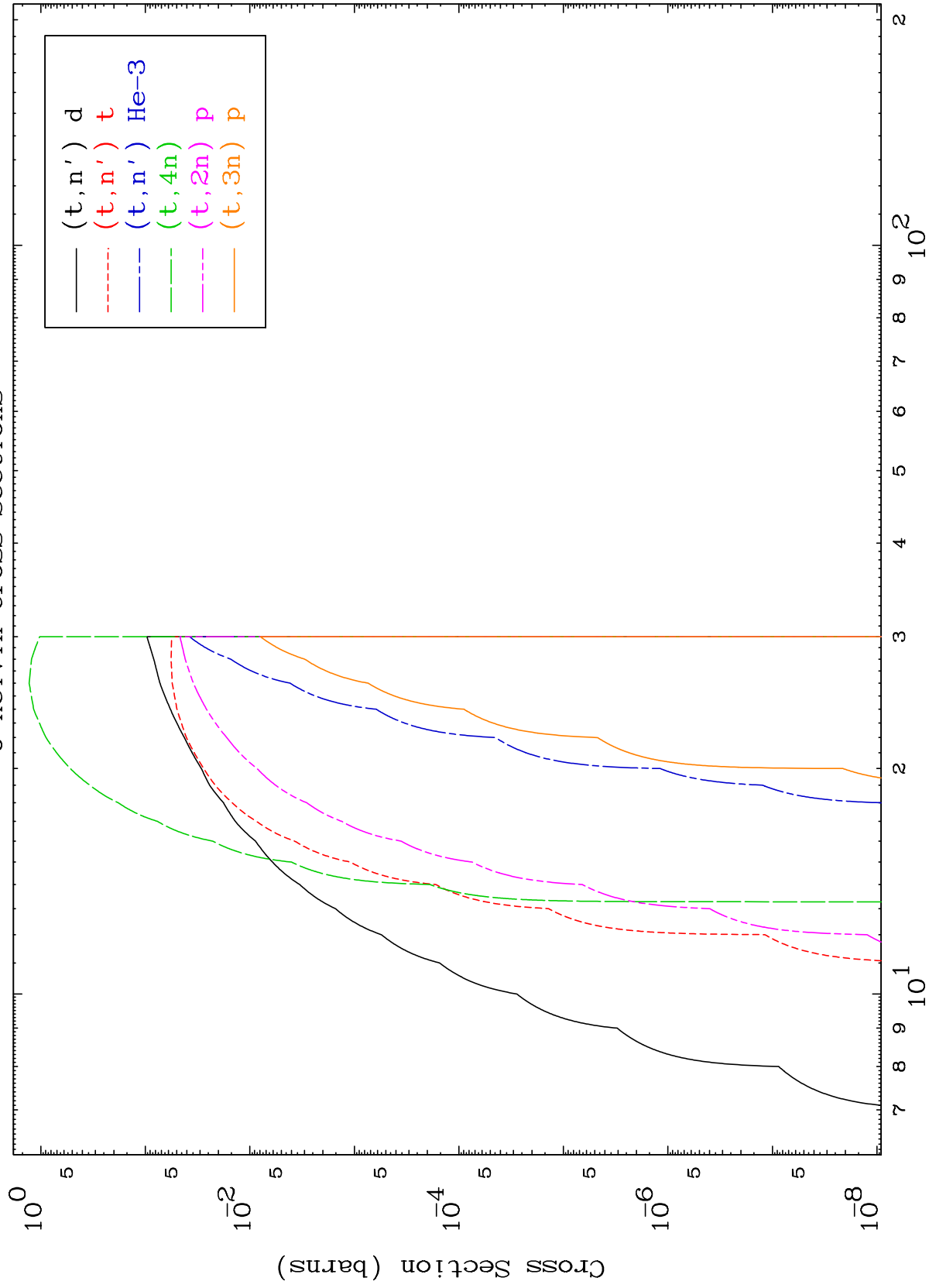
51-Sb-129



2

Incident Energy (MeV)

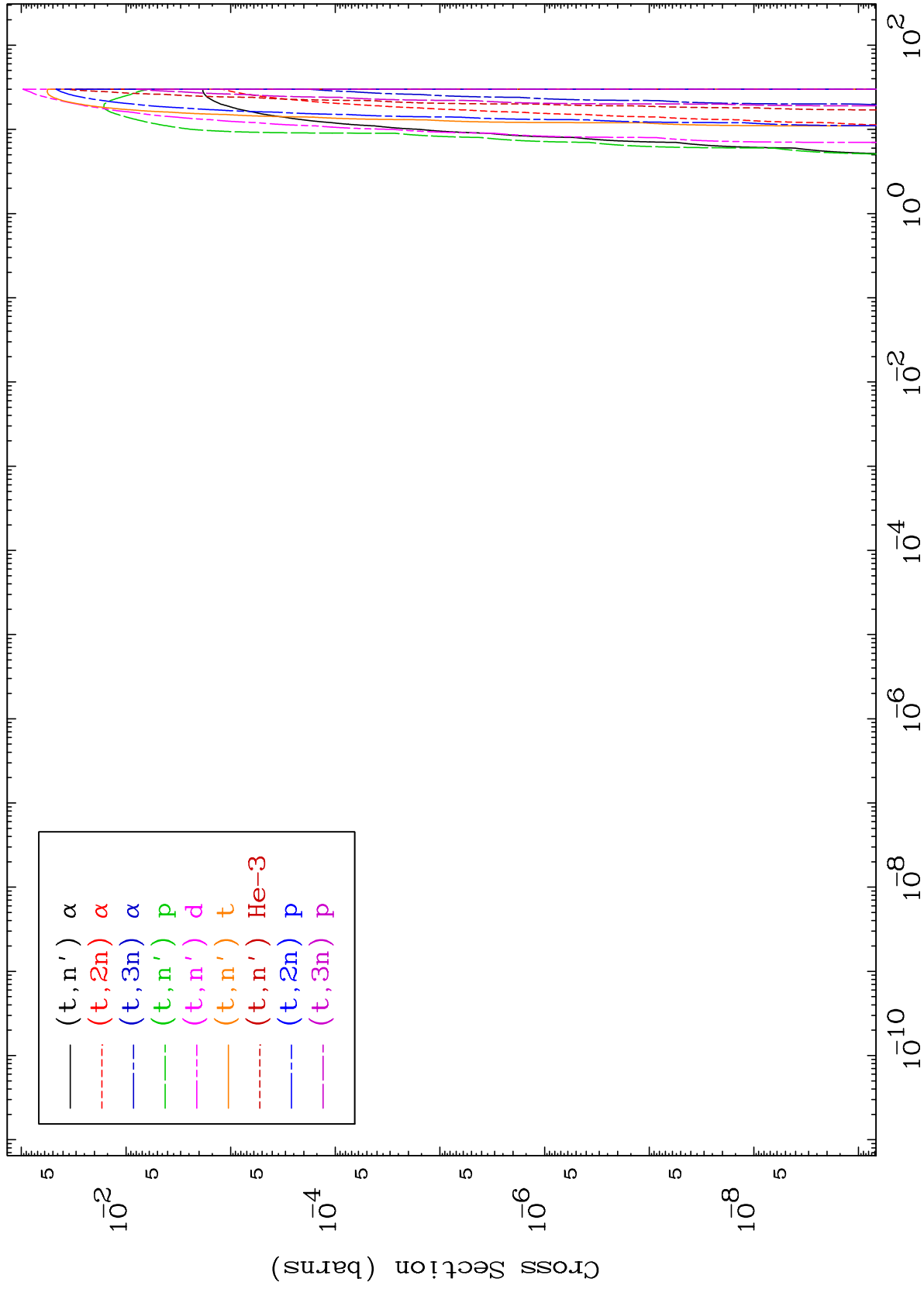
51-Sb-129



MAT 5149

Triton Charged Particle
0 Kelvin Cross Sections

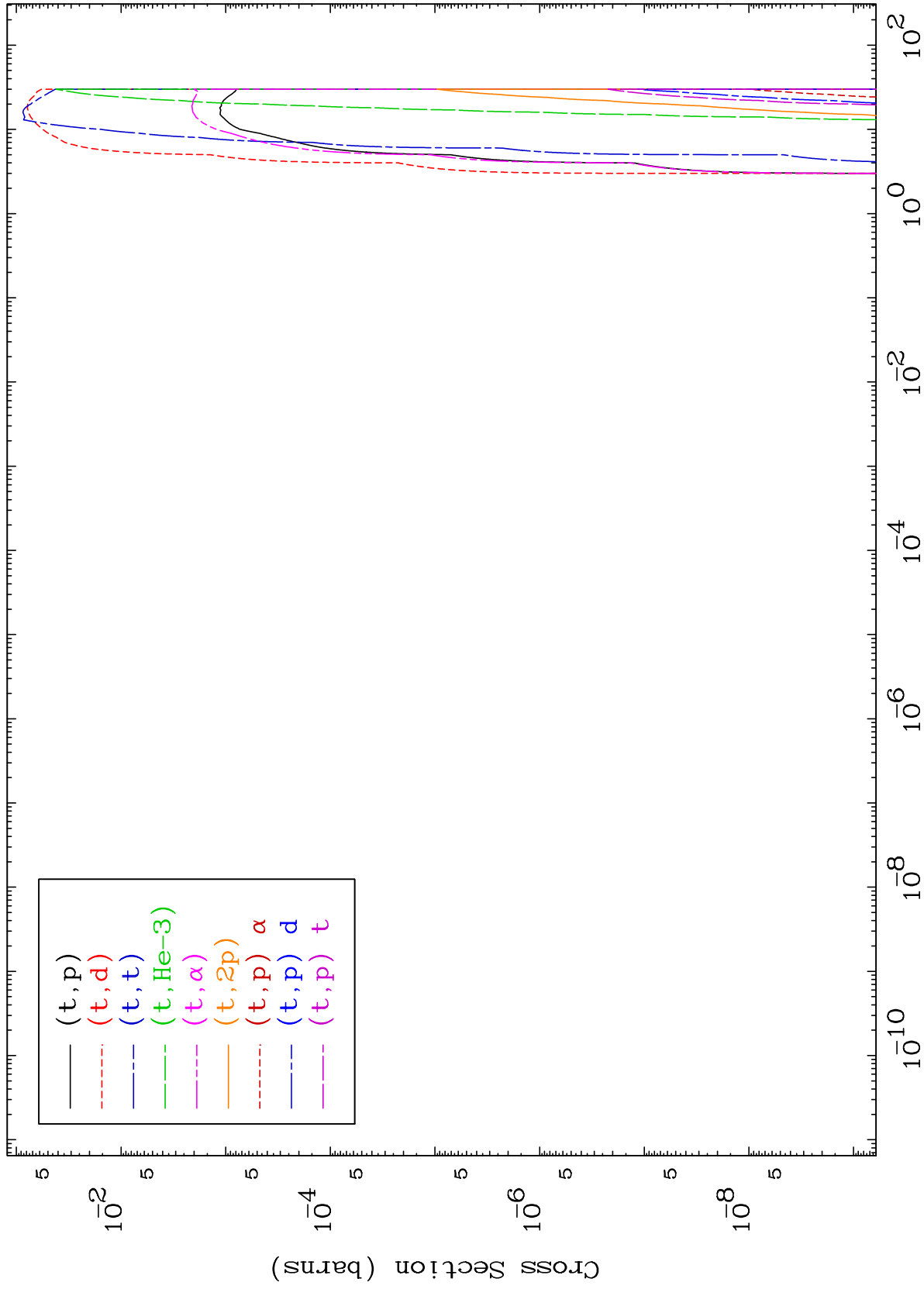
51-Sb-129



MAT 5149

Triton Charged Particle
0 Kelvin Cross Sections

51-Sb-129



5

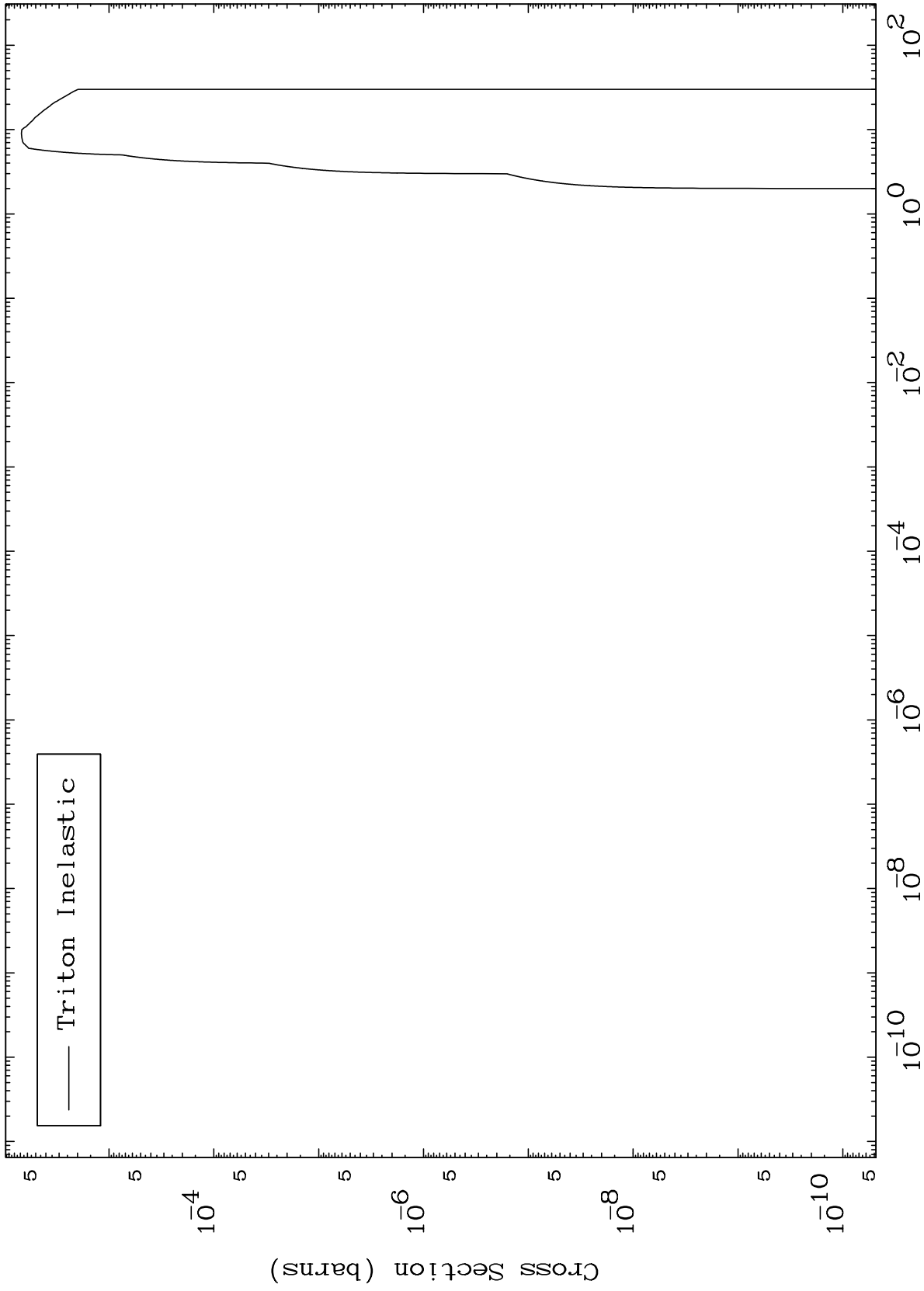
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,n') Level
0 Kelvin Cross Sections

51-Sb-129



6

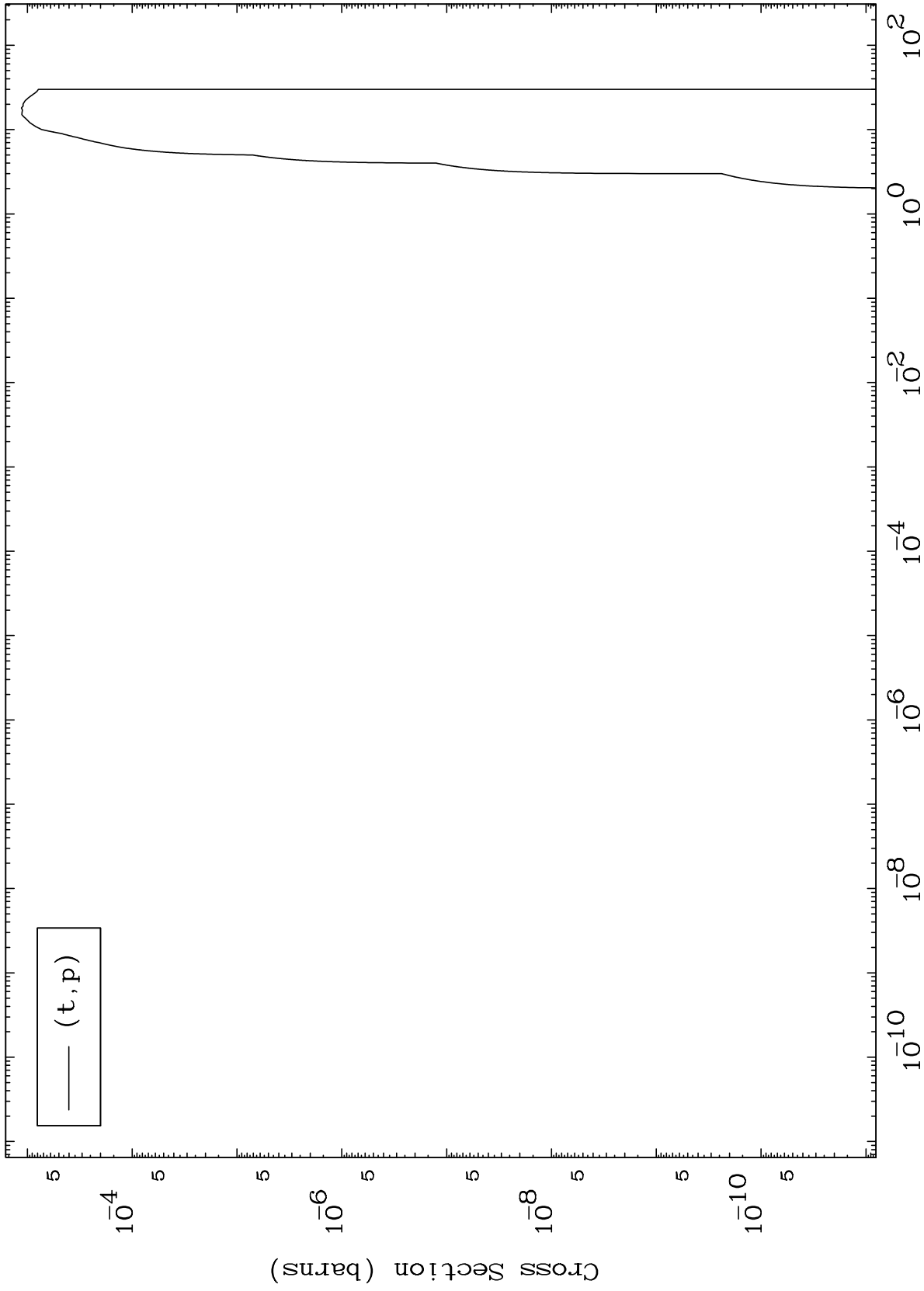
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,p) Levels
0 Kelvin Cross Sections

51-Sb-129



7

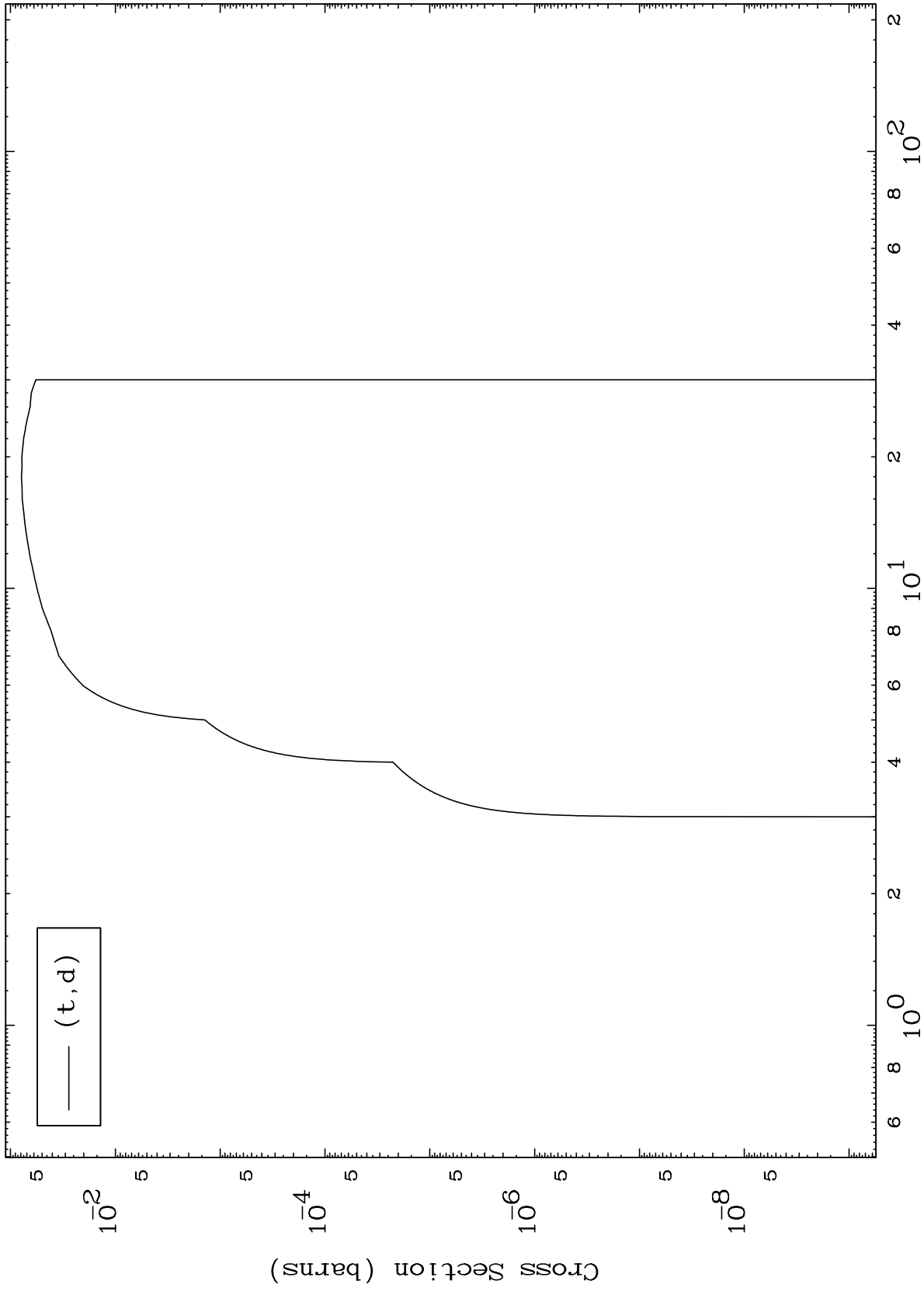
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,d) Levels
0 Kelvin Cross Sections

51-Sb-129



8

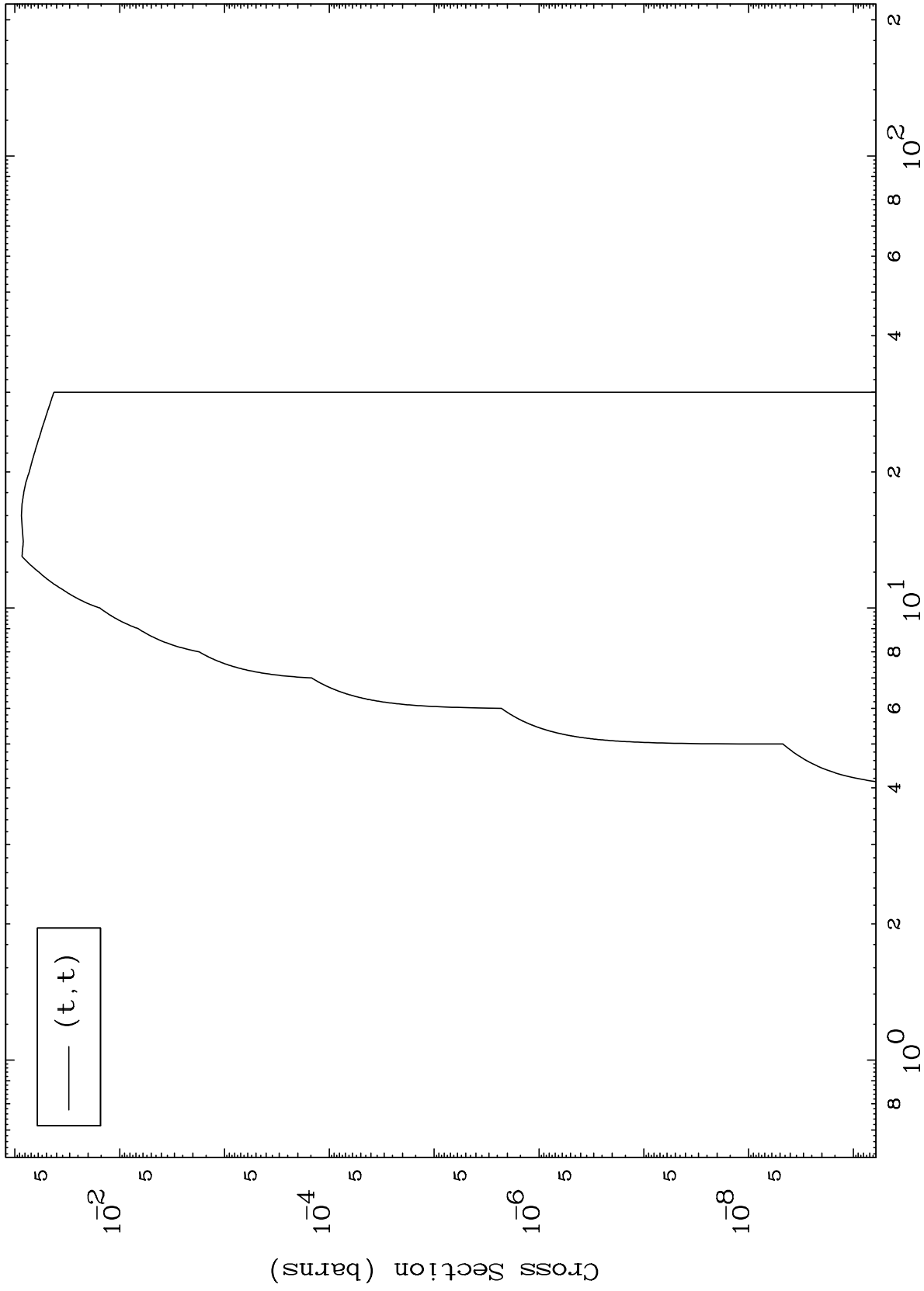
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,t) Levels
0 Kelvin Cross Sections

51-Sb-129



9

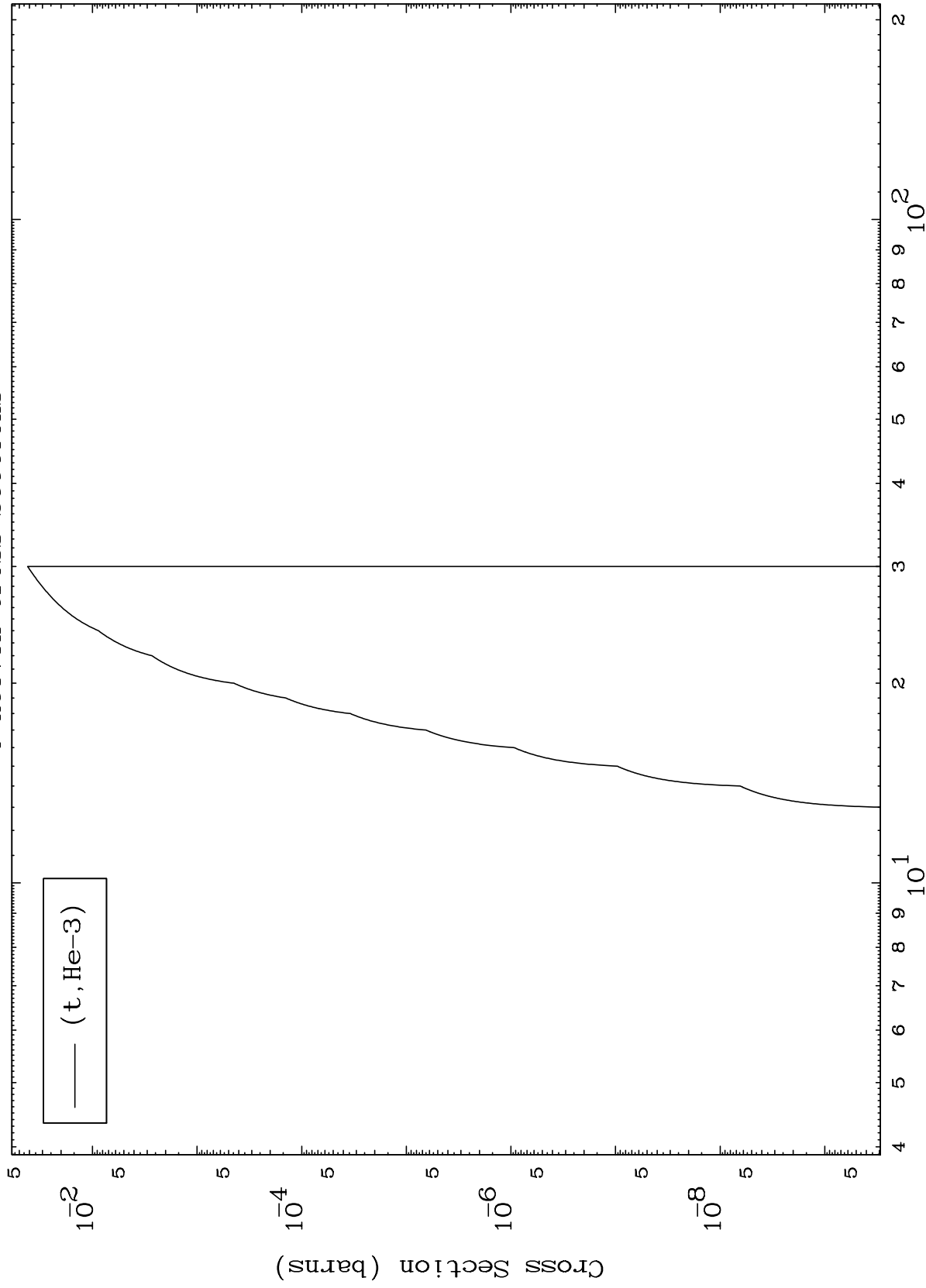
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,He3) Levels
0 Kelvin Cross Sections

51-Sb-129



10

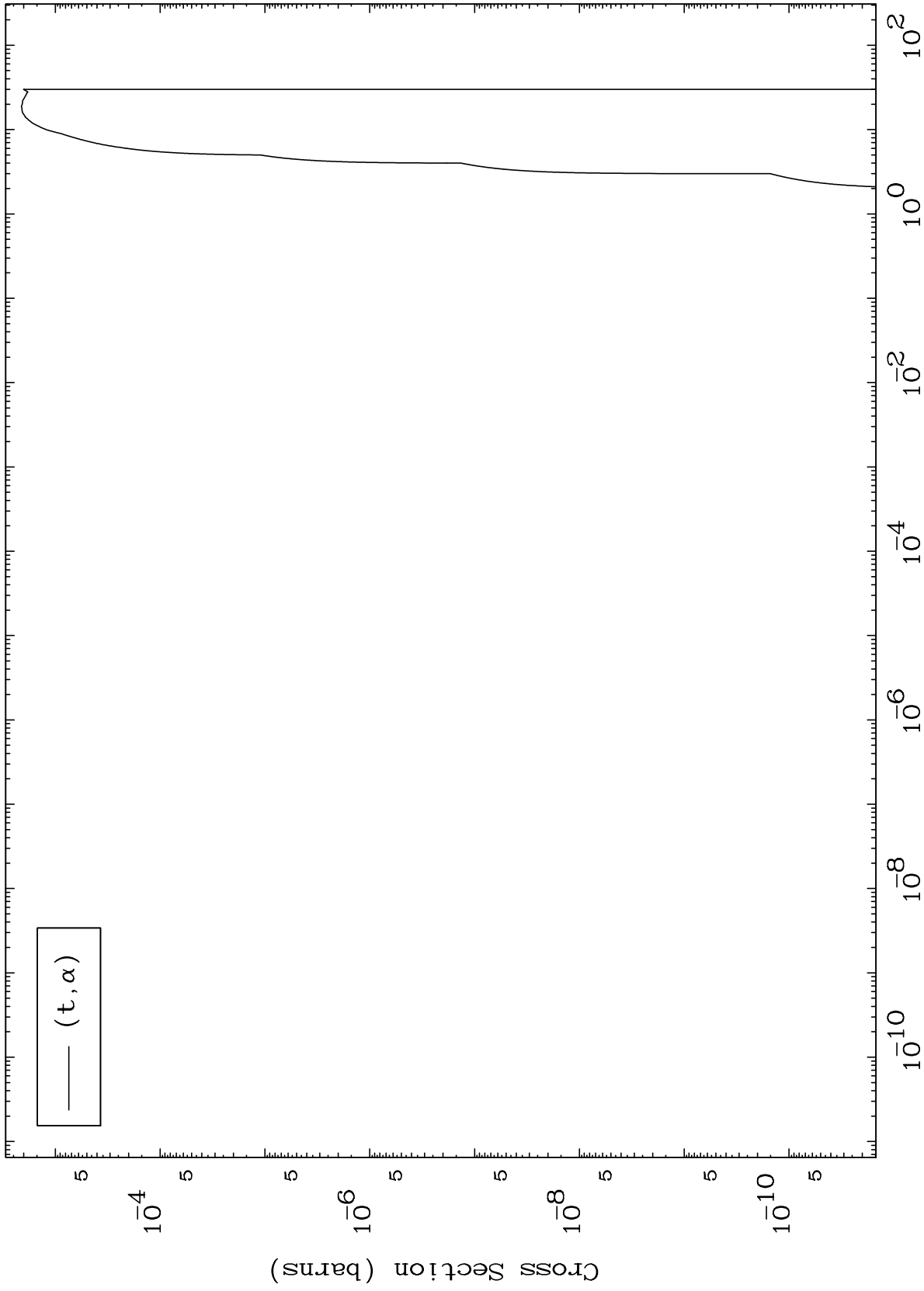
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t,α) Levels
0 Kelvin Cross Sections

51-Sb-129



11

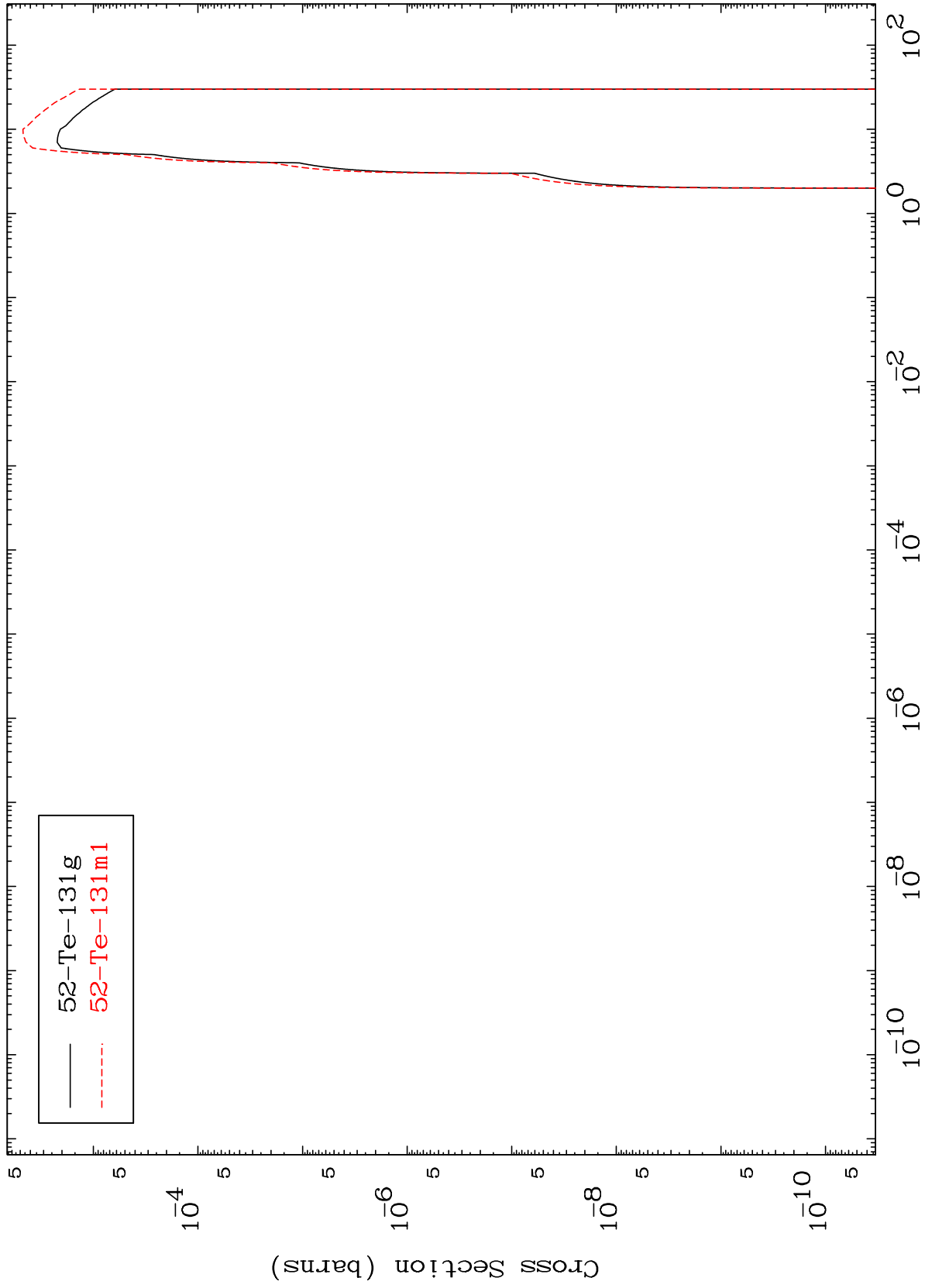
Incident Energy (MeV)

51-Sb-129

MAT 5149

Triton Inelastic
Radionuclide Production Cross Section

51-Sb-129



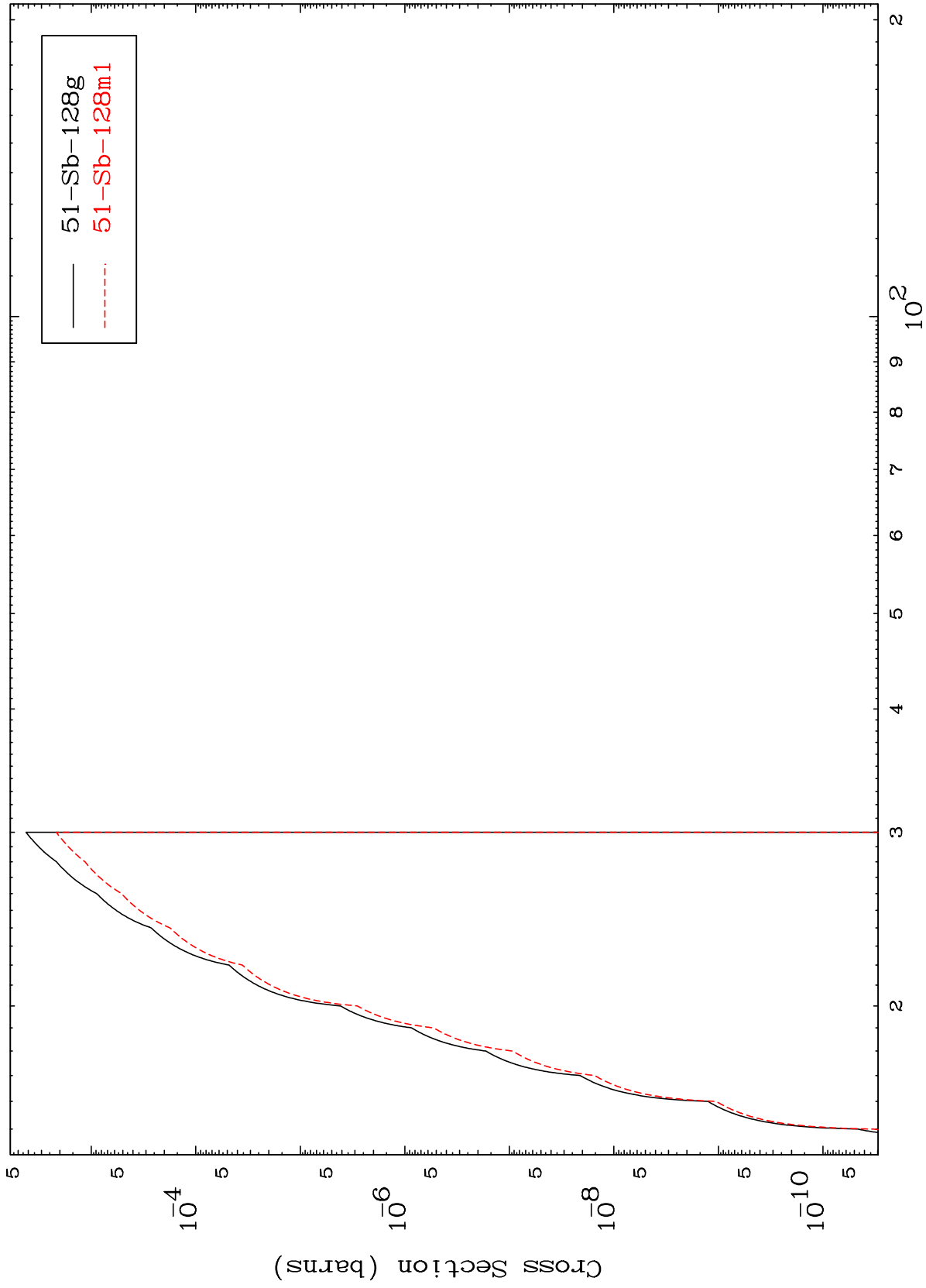
51-Sb-129

MAT 5149

(t,2n) d

51-Sb-129

Radionuclide Production Cross Section



13

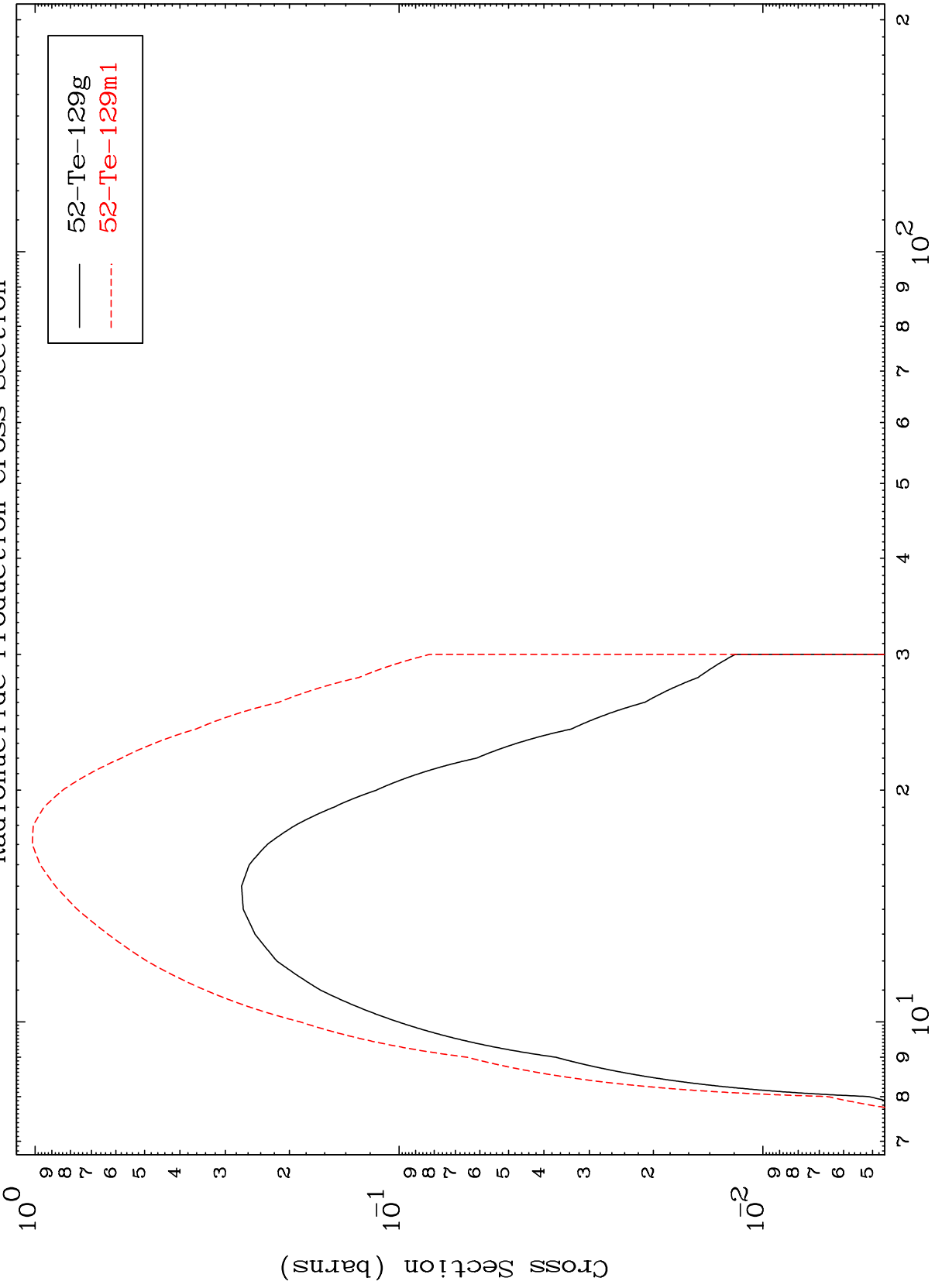
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(t,3n)
Radionuclide Production Cross Section



— 52-Te-129g
- - - 52-Te-129m1

14

Incident Energy (MeV)

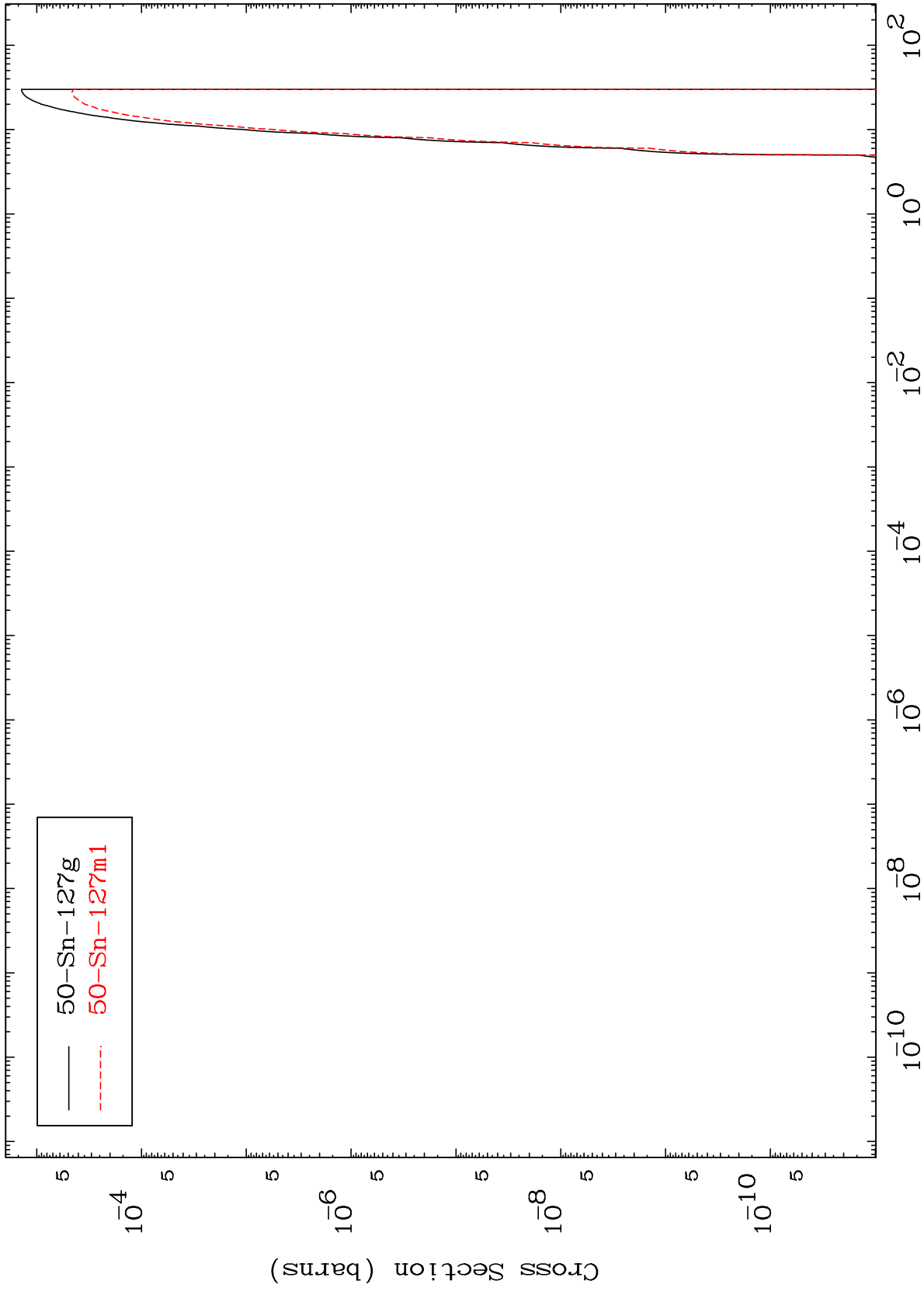
51-Sb-129

MAT 5149

(t,n') α

51-Sb-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

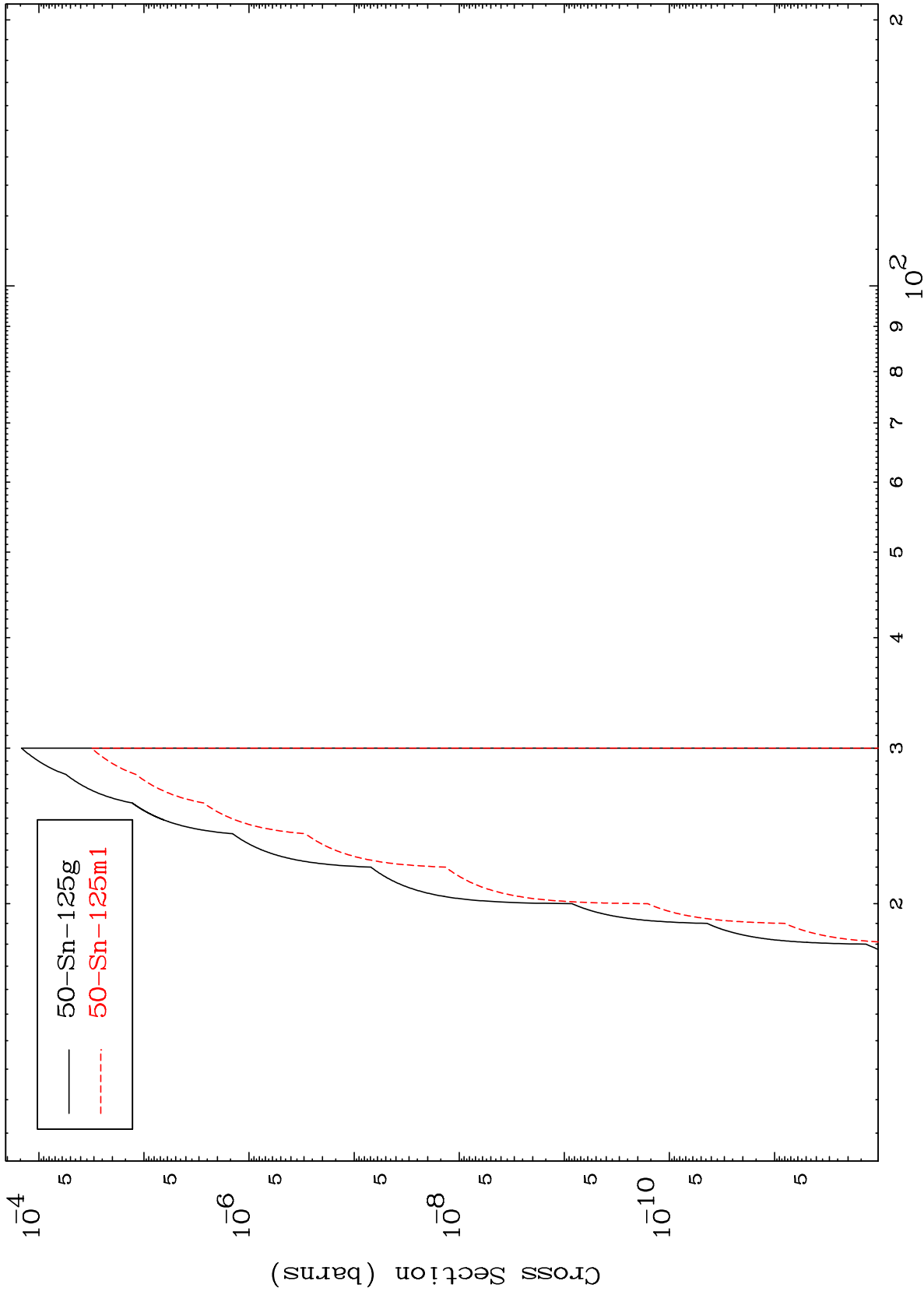
51-Sb-129

MAT 5149

(t,3n) α

51-Sb-129

Radionuclide Production Cross Section



16

51-Sb-129

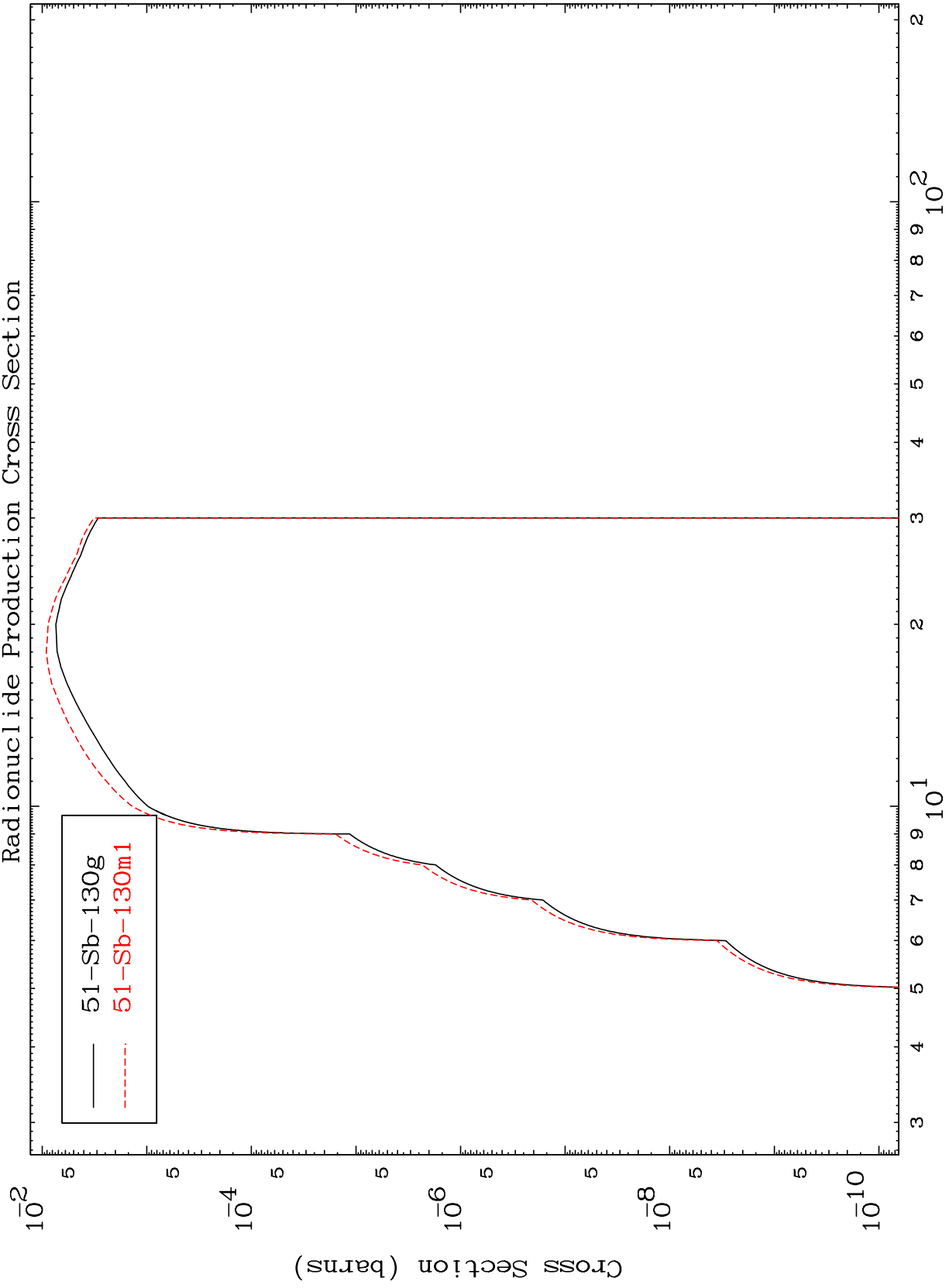
51-Sb-129

MAT 5149

(t,n') p

51-Sb-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

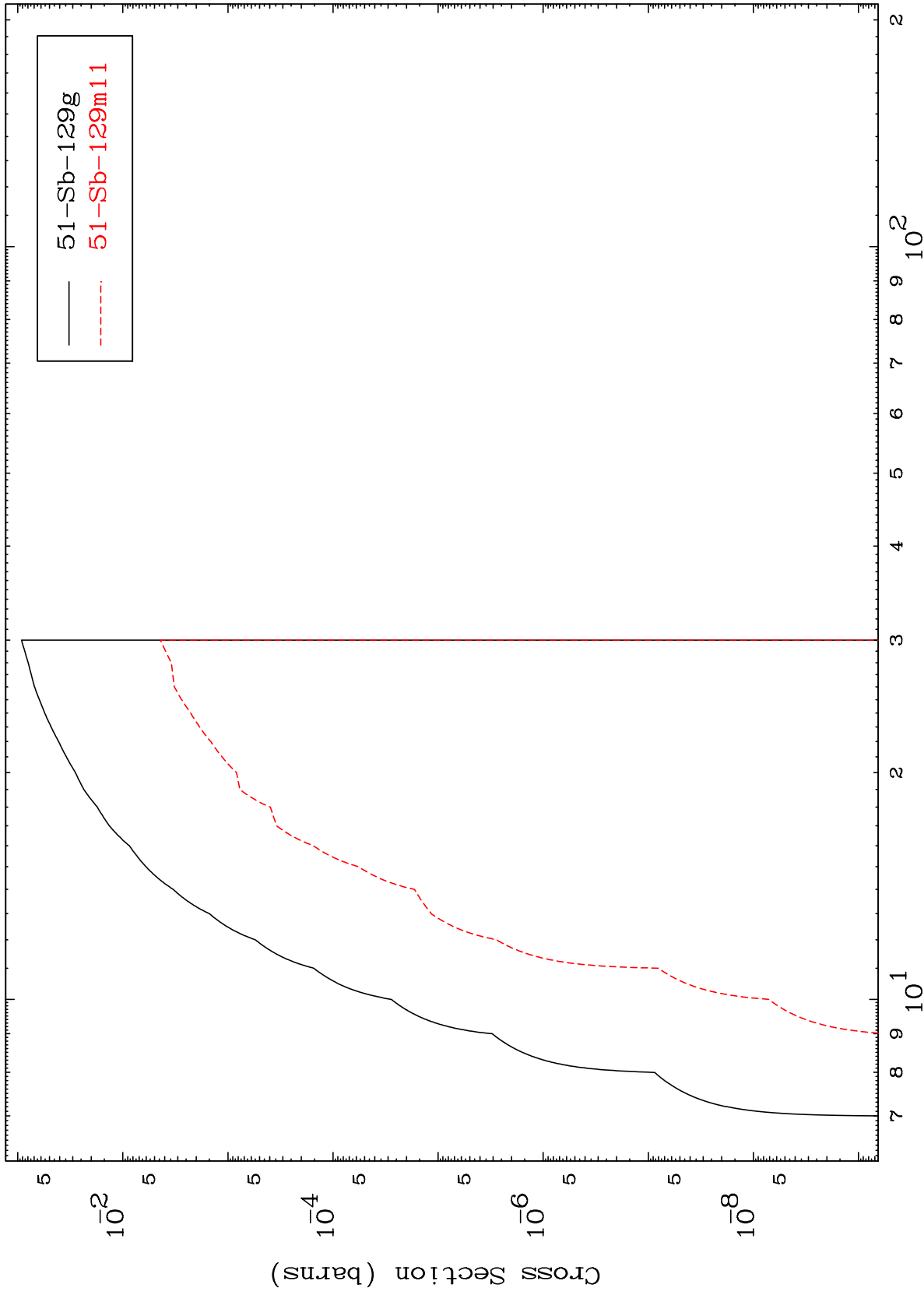
51-Sb-129

MAT 5149

(t,n') d

51-Sb-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

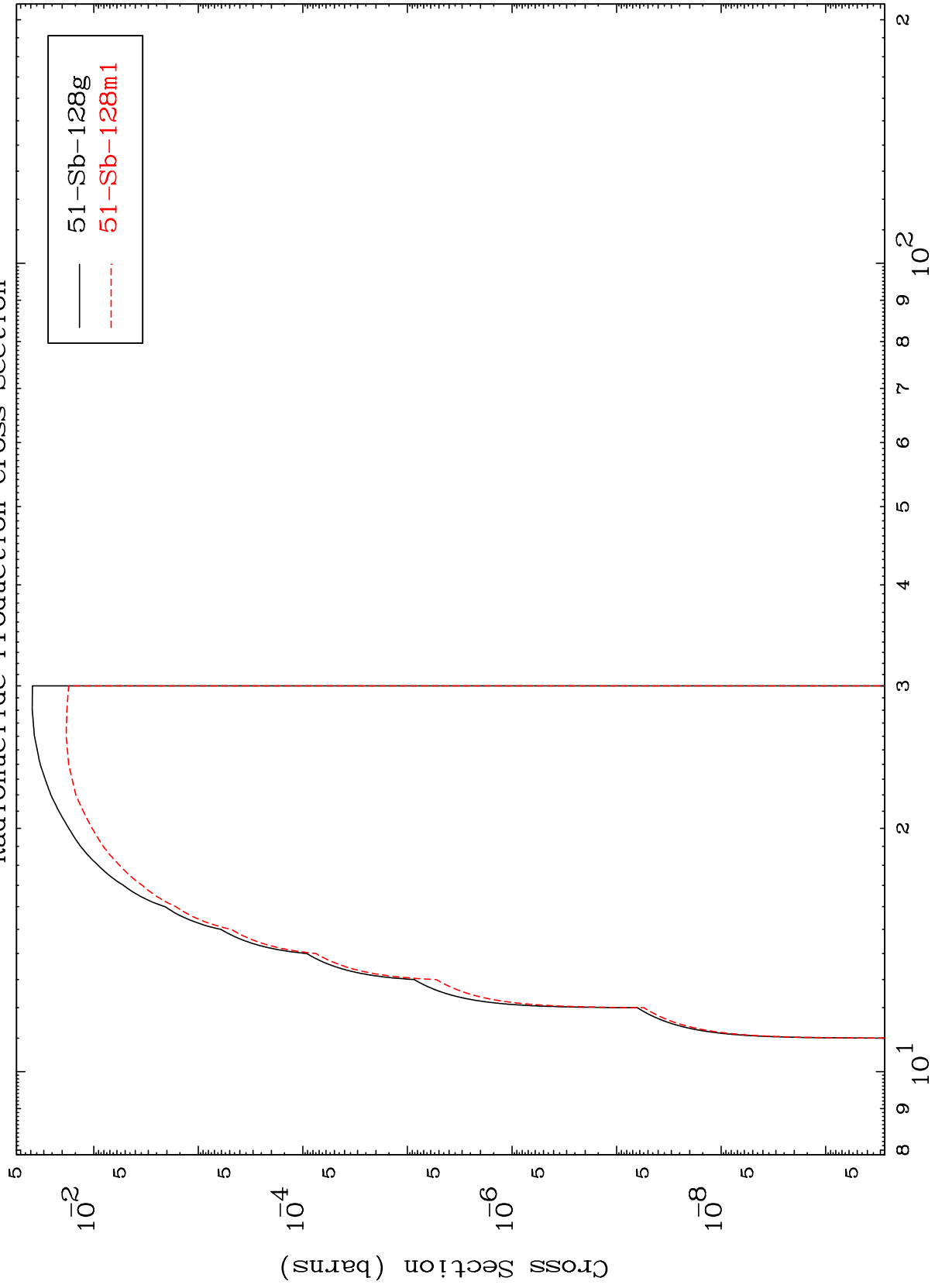
51-Sb-129

MAT 5149

(t,n') t

51-Sb-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

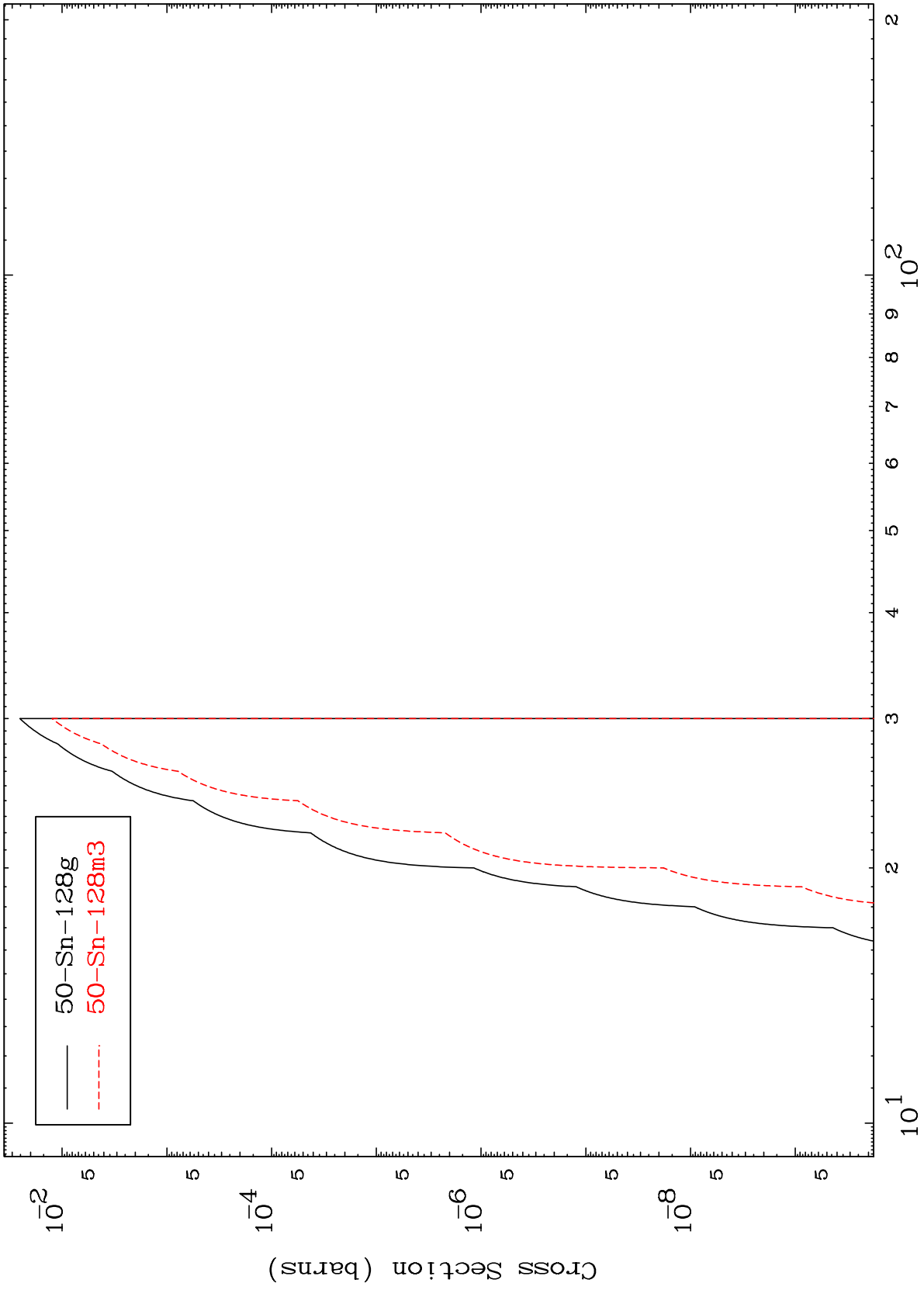
51-Sb-129

MAT 5149

(t, n') He-3

51-Sb-129

Radionuclide Production Cross Section



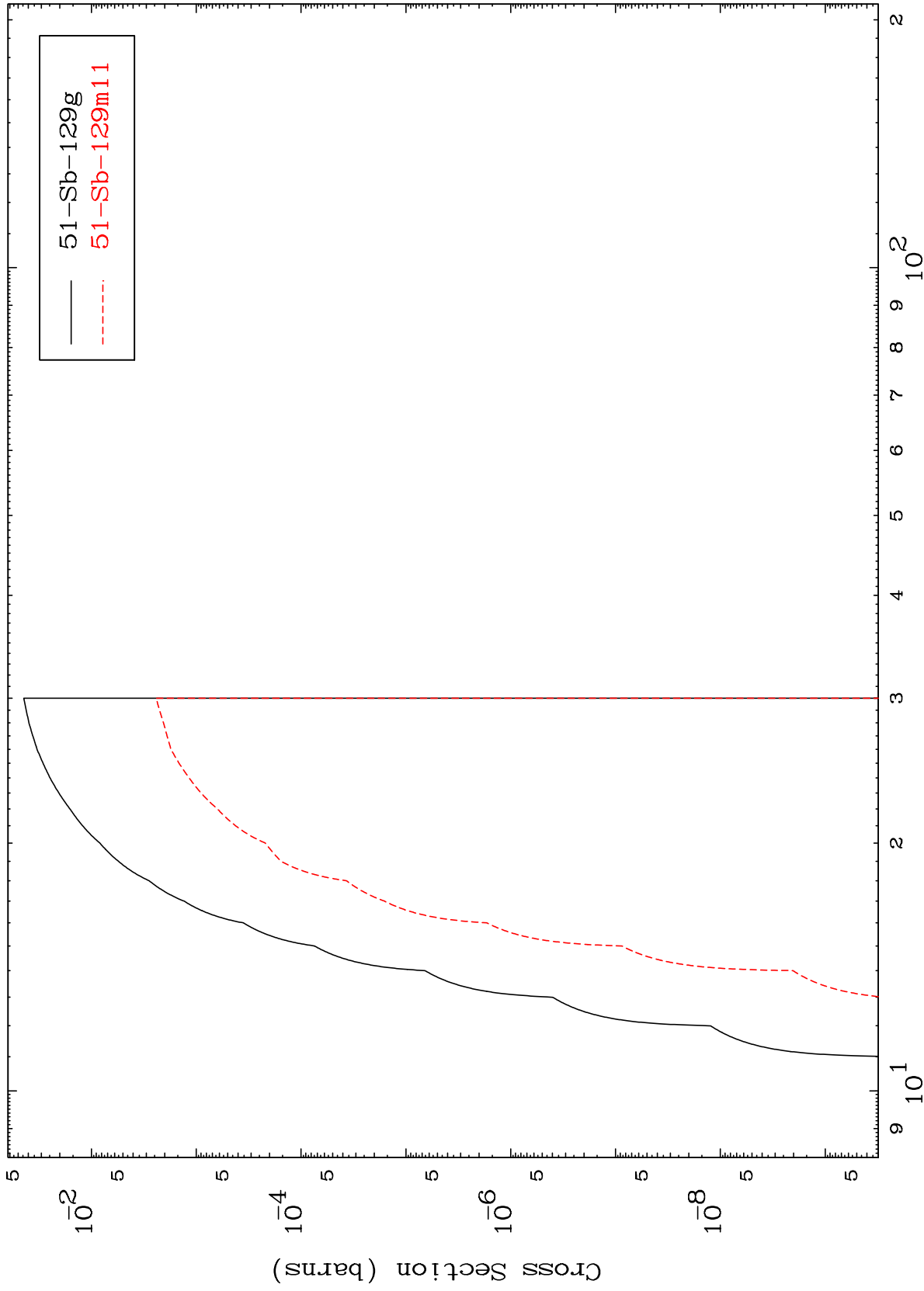
50-Sn-128g
50-Sn-128m3

MAT 5149

(t,2n) p

51-Sb-129

Radionuclide Production Cross Section



21

Incident Energy (MeV)

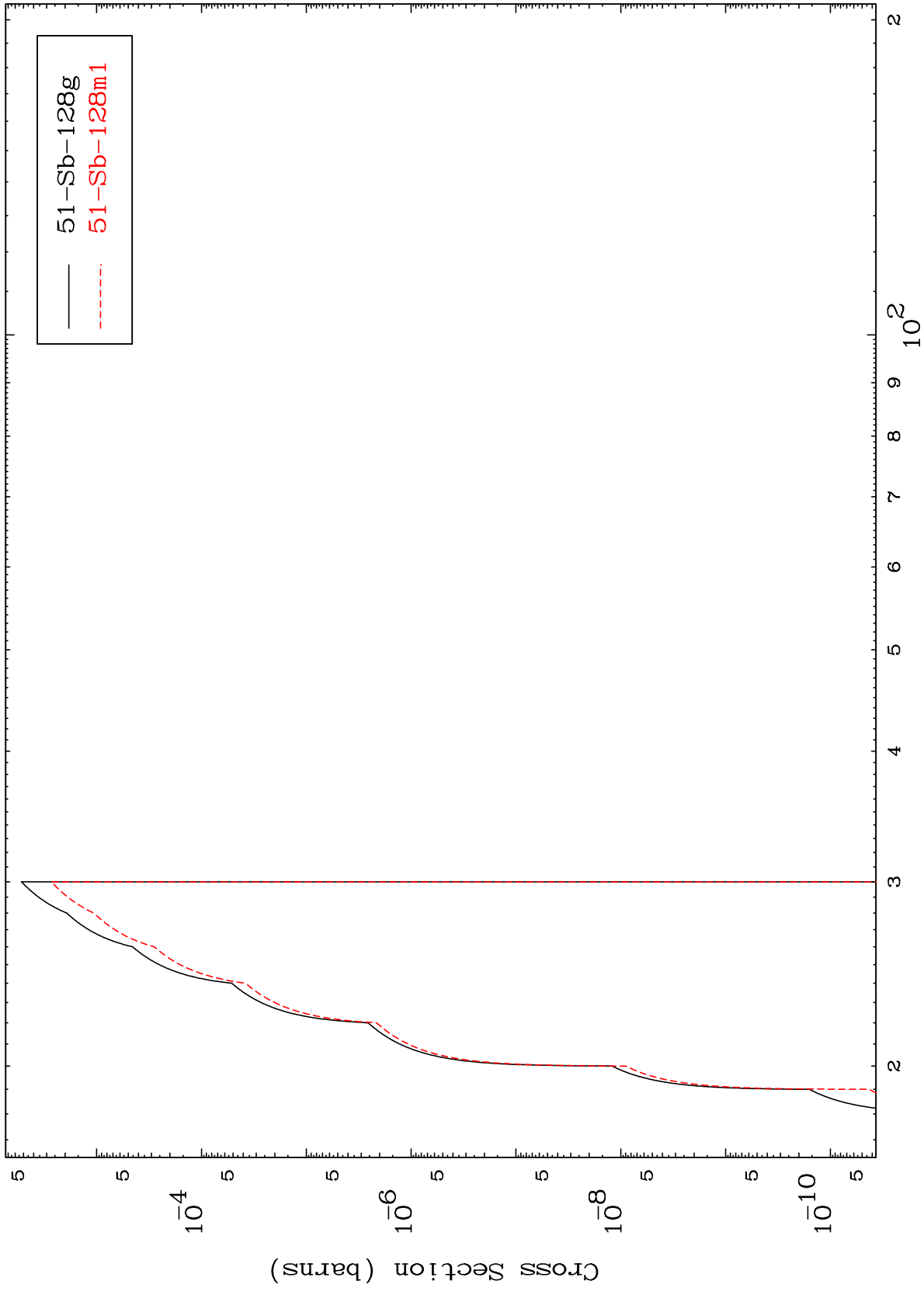
51-Sb-129

MAT 5149

(t,3n) p

51-Sb-129

Radionuclide Production Cross Section



22

Incident Energy (MeV)

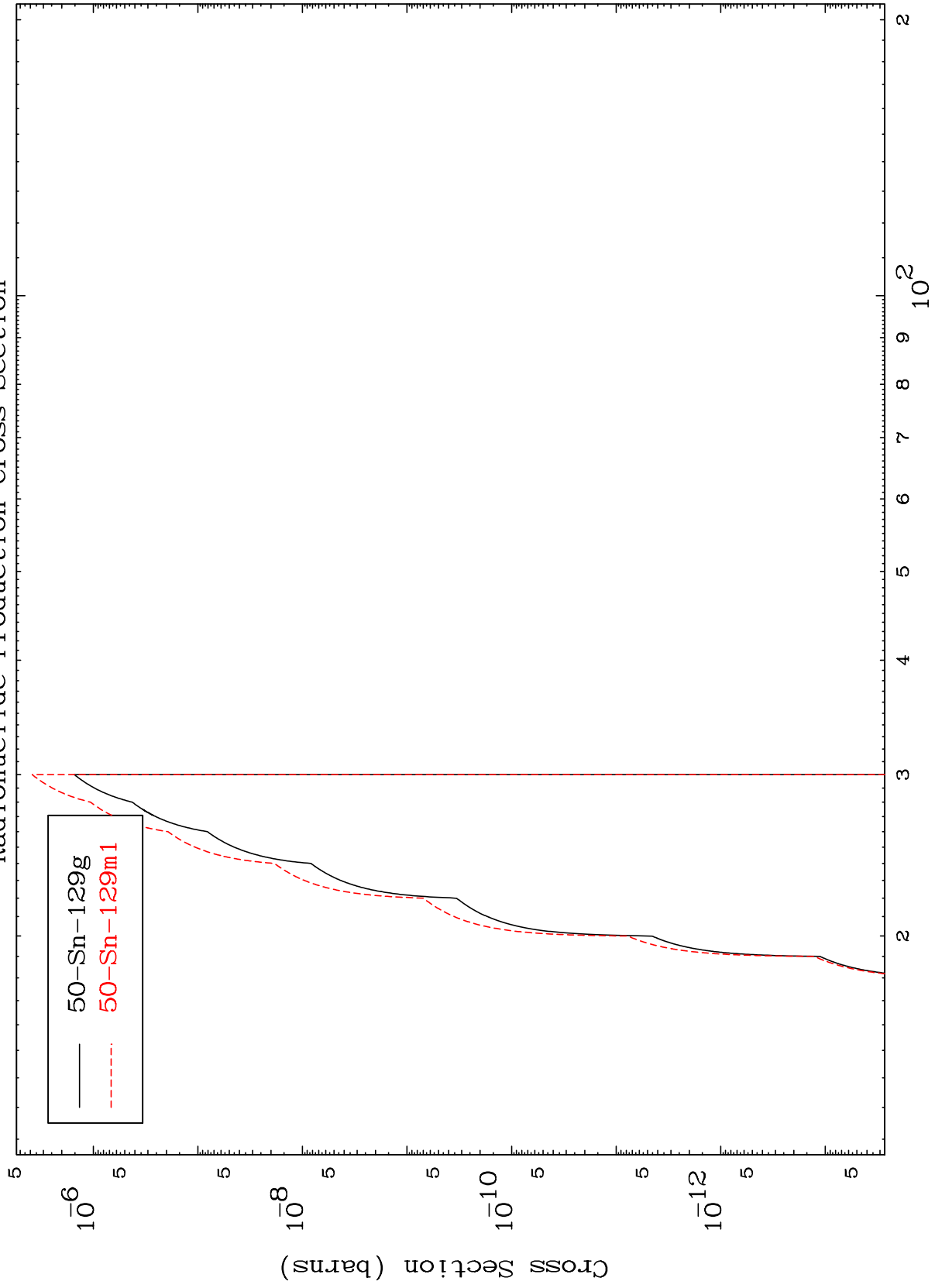
51-Sb-129

MAT 5149

(t,2n) p

51-Sb-129

Radionuclide Production Cross Section



23

Incident Energy (MeV)

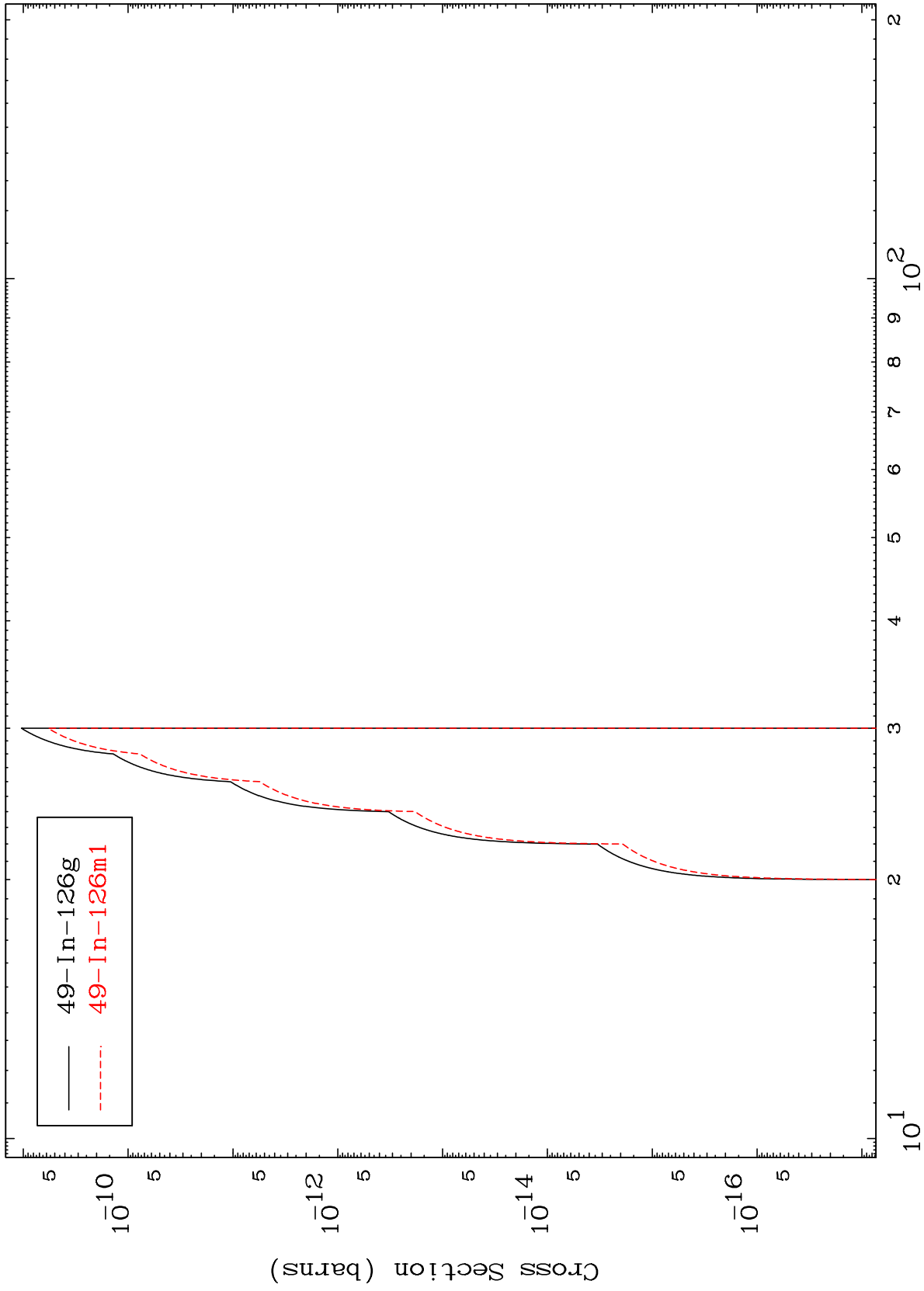
51-Sb-129

MAT 5149

(t,n') p α

51-Sb-129

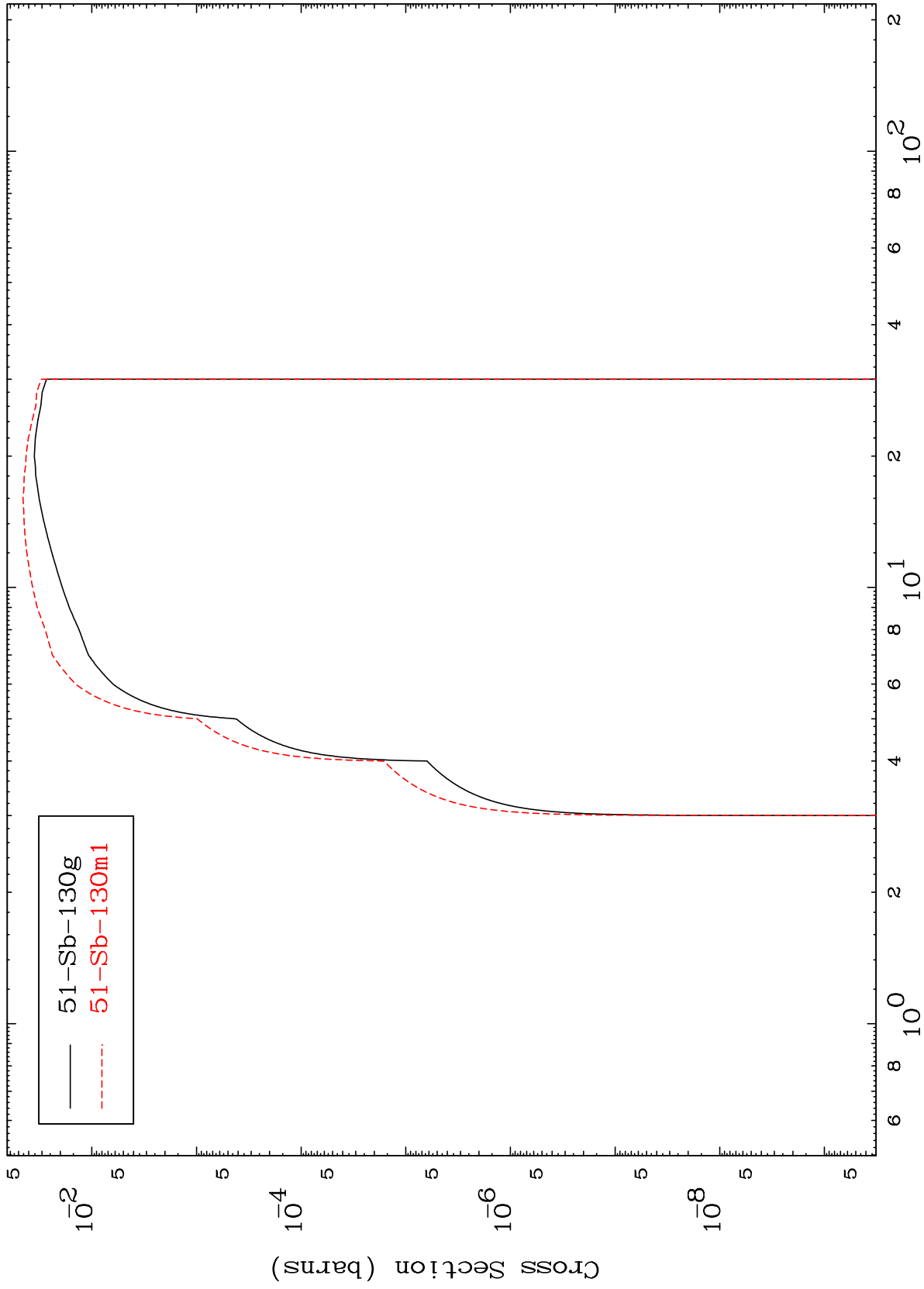
Radionuclide Production Cross Section



MAT 5149

51-Sb-129

(t,d)
Radionuclide Production Cross Section



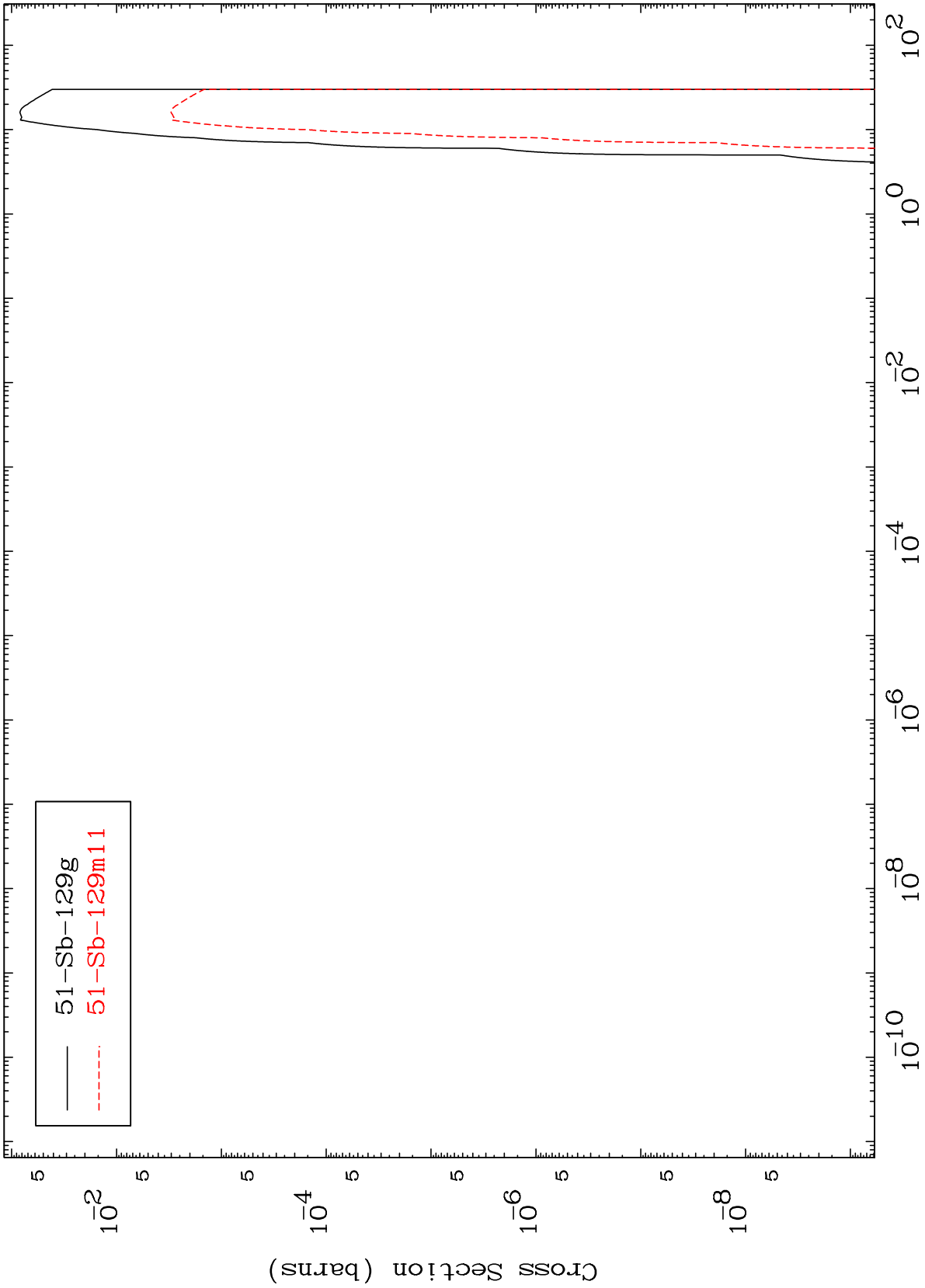
25

51-Sb-129

MAT 5149

(t,t)
Radionuclide Production Cross Section

51-Sb-129



26

Incident Energy (MeV)

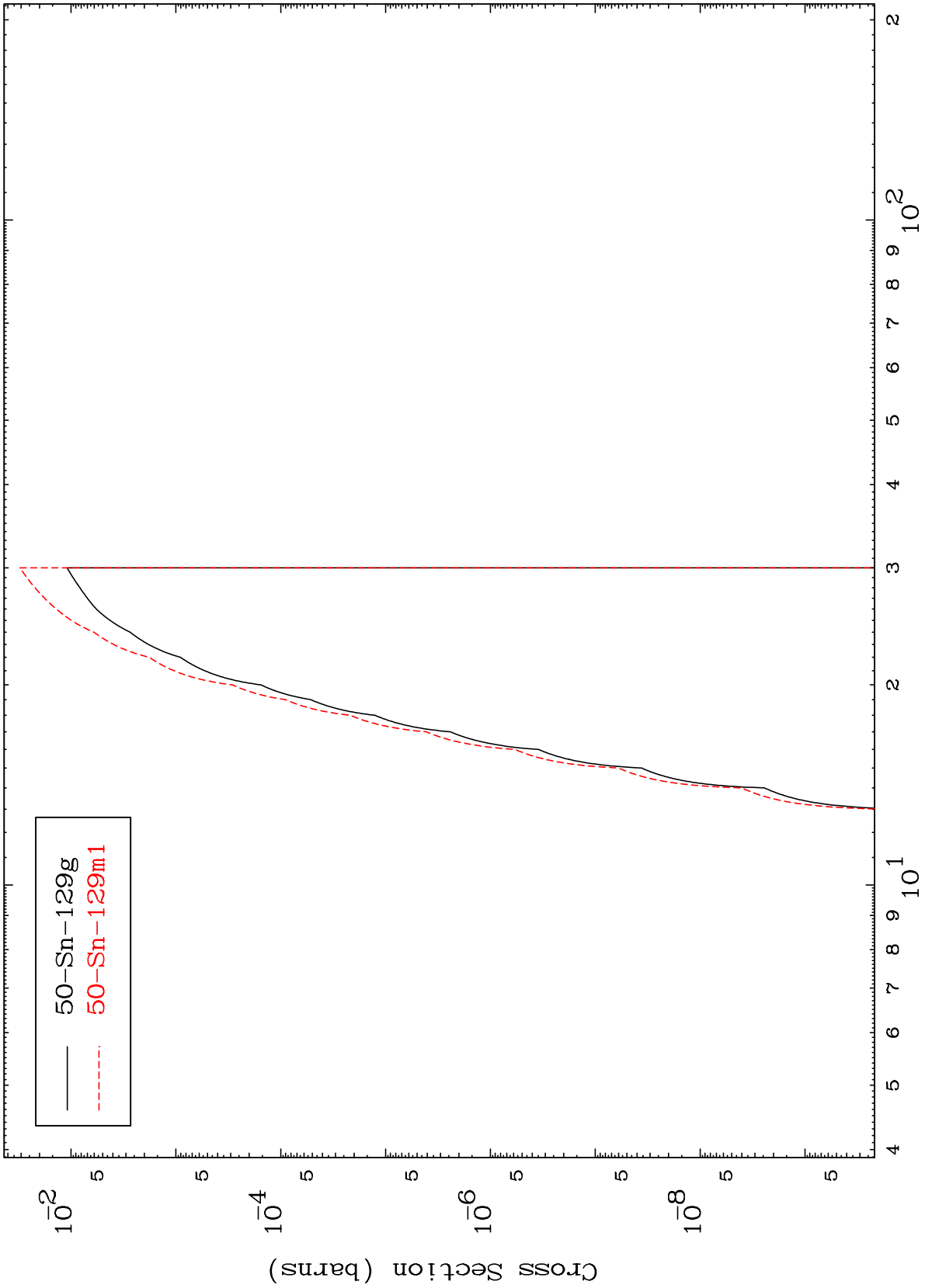
51-Sb-129

MAT 5149

(t,He-3)

51-Sb-129

Radionuclide Production Cross Section



27

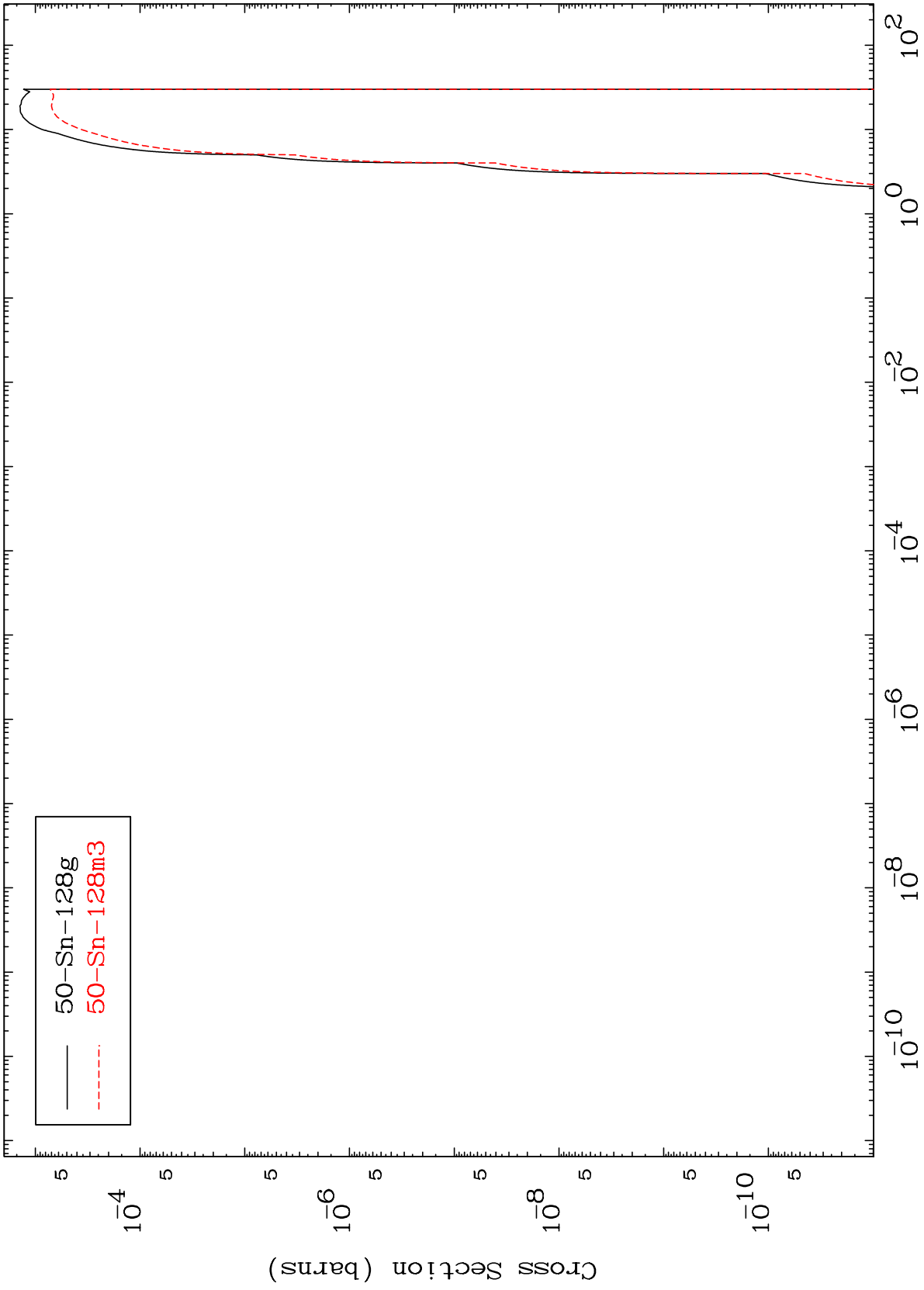
Incident Energy (MeV)

51-Sb-129

MAT 5149

(t, α)
Radionuclide Production Cross Section

51-Sb-129



28

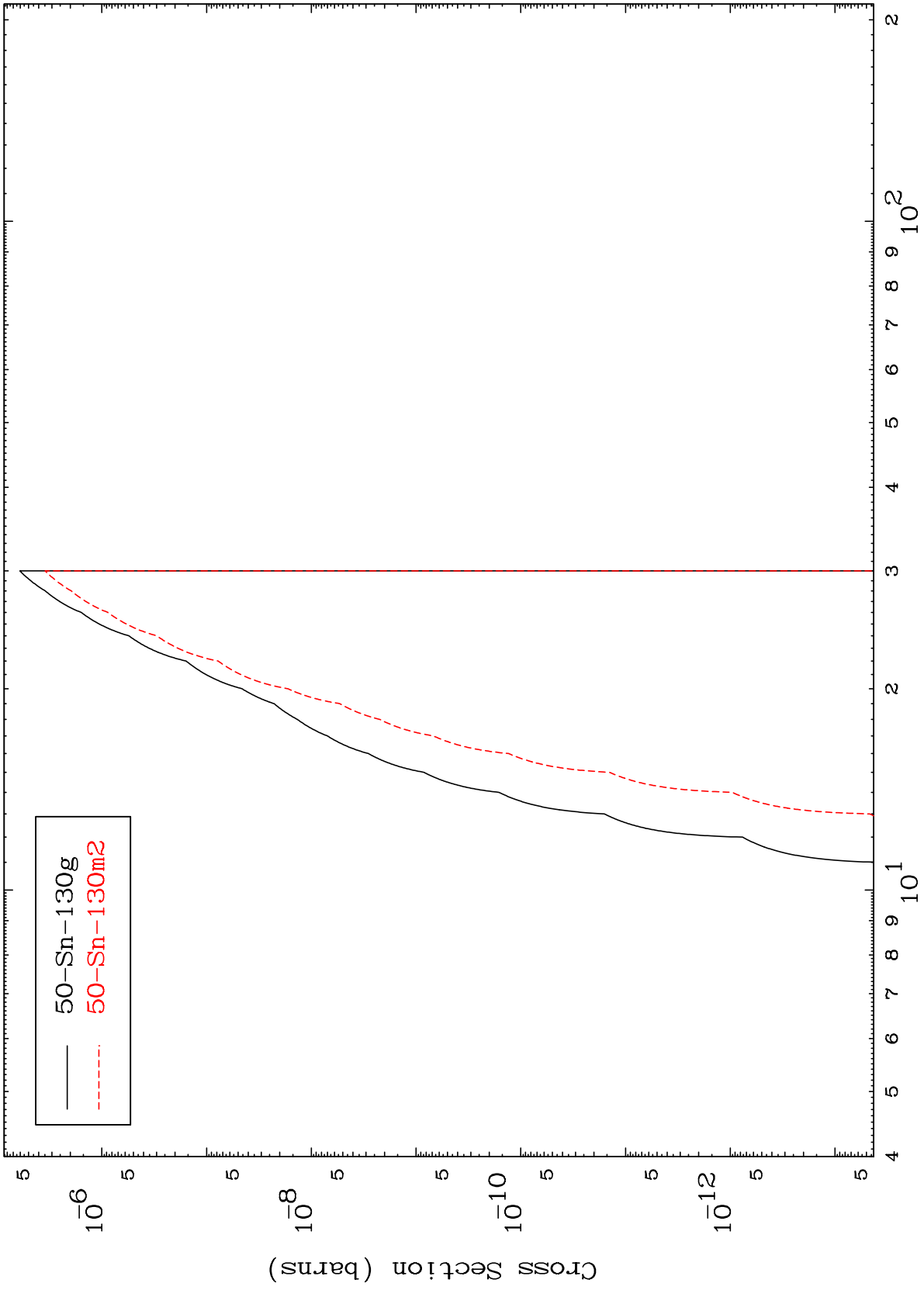
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

Radionuclide Production Cross Section
(t,2p)



29

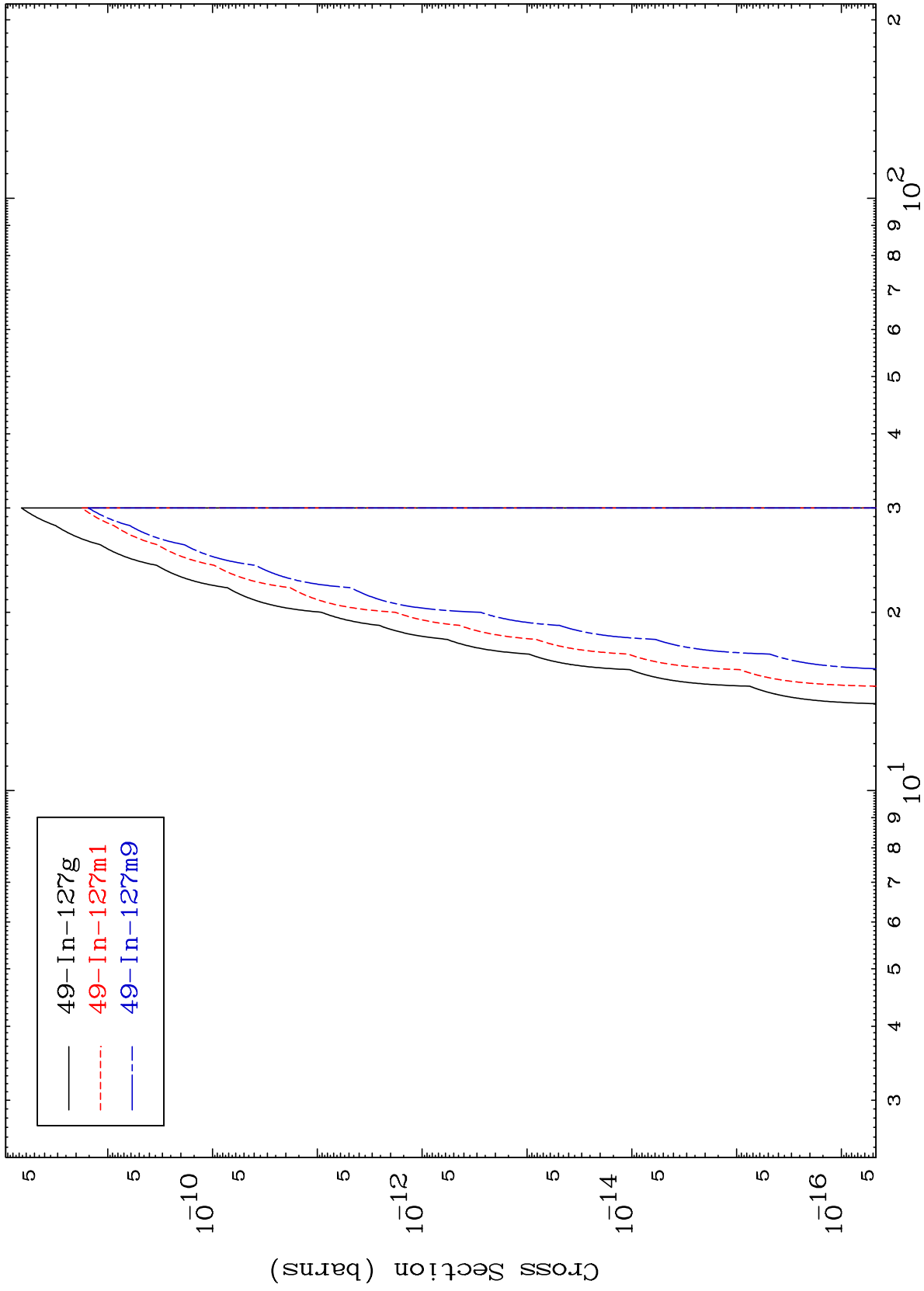
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(t,p) α
Radionuclide Production Cross Section



30

Incident Energy (MeV)

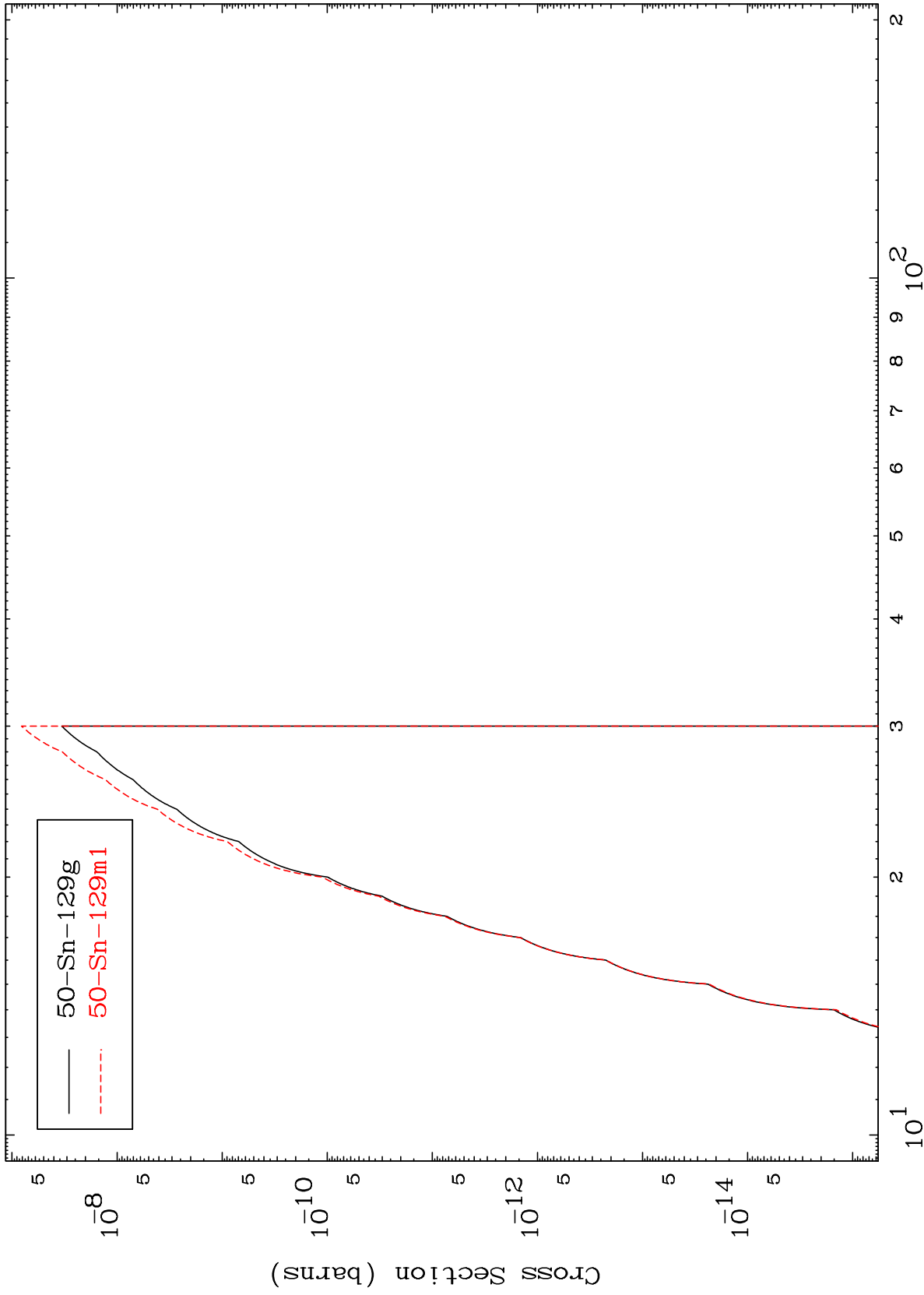
51-Sb-129

MAT 5149

(t,p) d

51-Sb-129

Radionuclide Production Cross Section



31

Incident Energy (MeV)

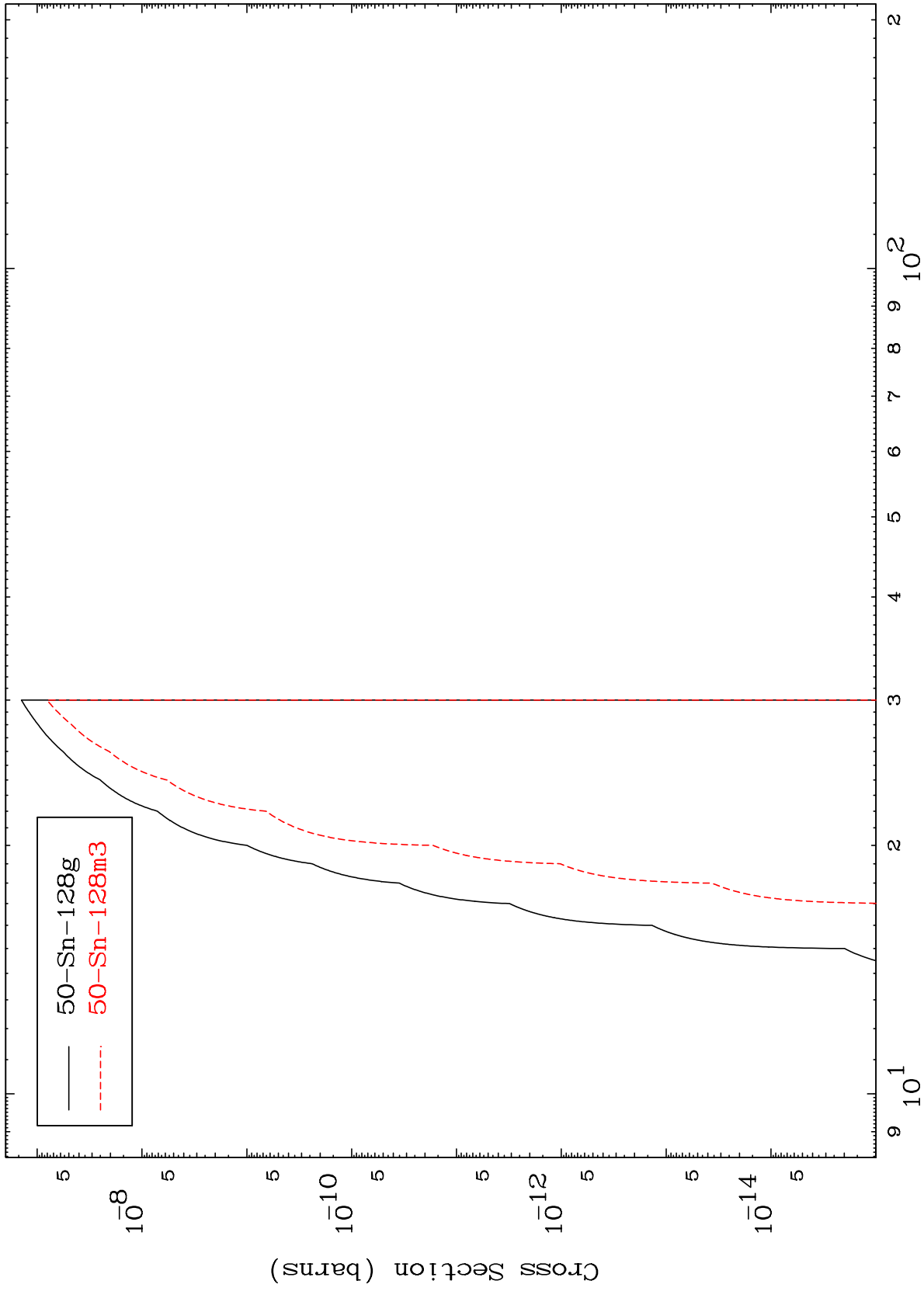
51-Sb-129

MAT 5149

(t,p) t

51-Sb-129

Radionuclide Production Cross Section



32

Incident Energy (MeV)

51-Sb-129