

Program EVALPLOT
(Version 2021-1)

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

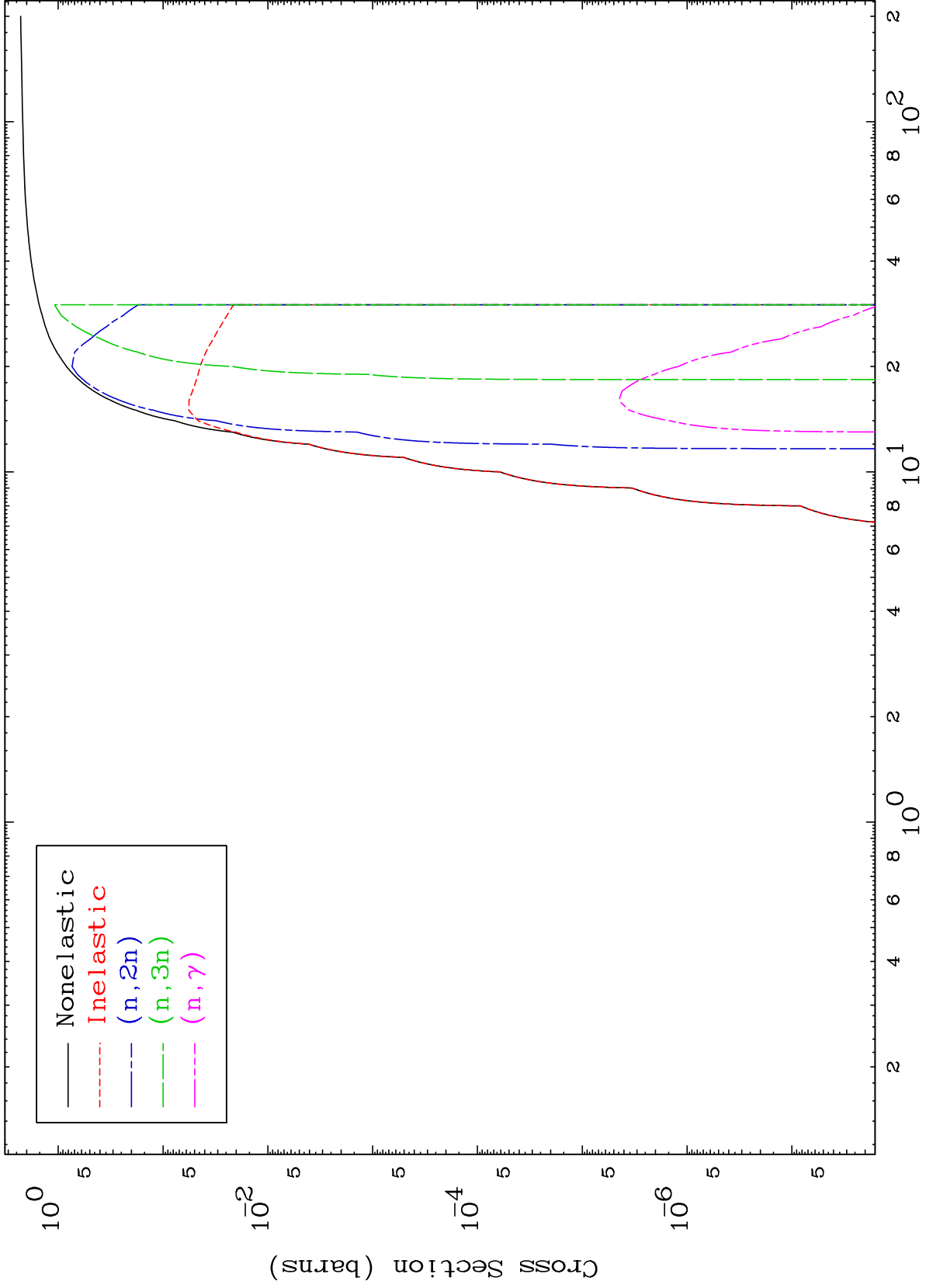
Press Mouse Button to Start

MAT 5147

α Major

51-Sb-128m

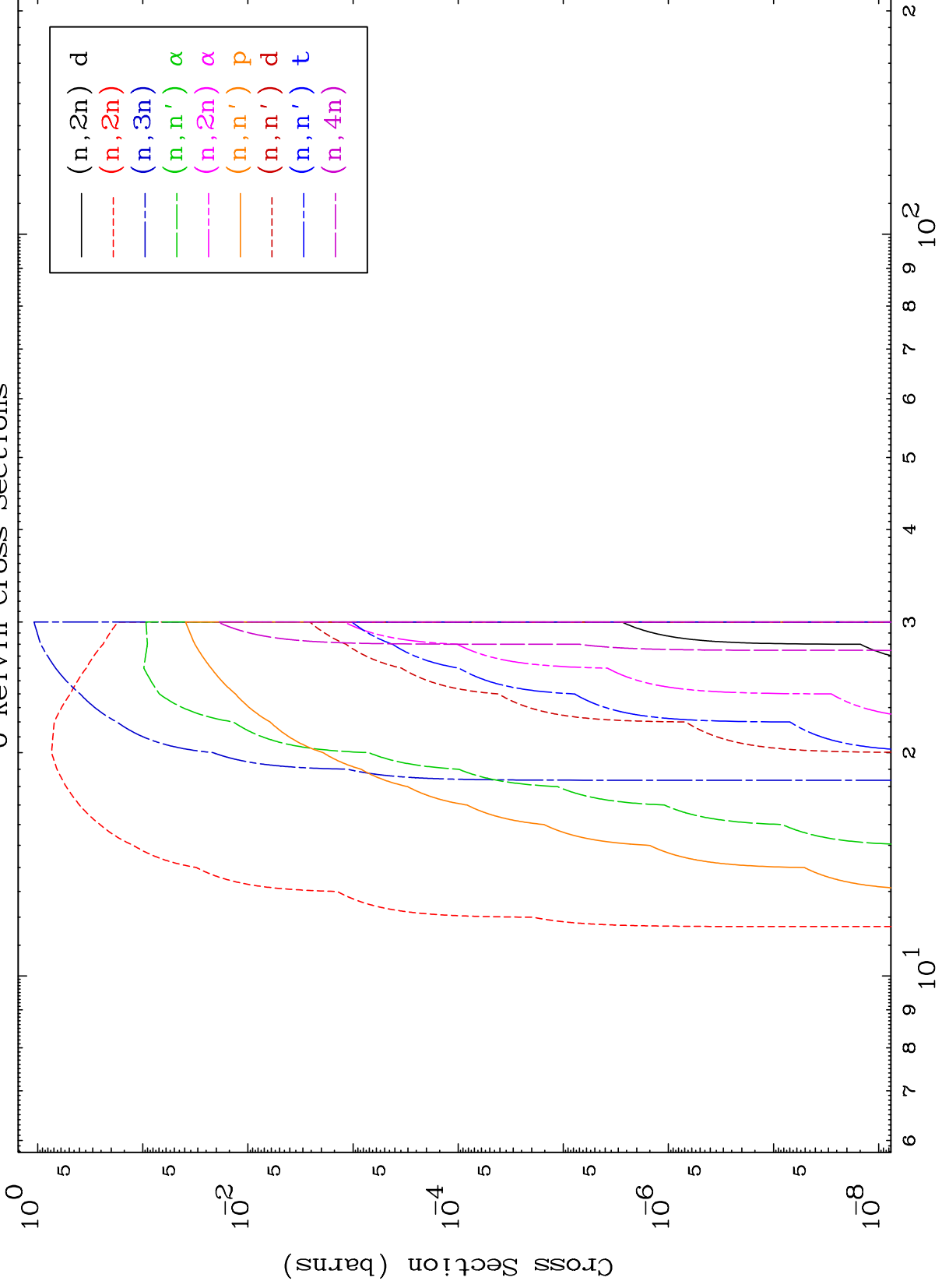
0 Kelvin Cross Sections



MAT 5147

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-128m



2

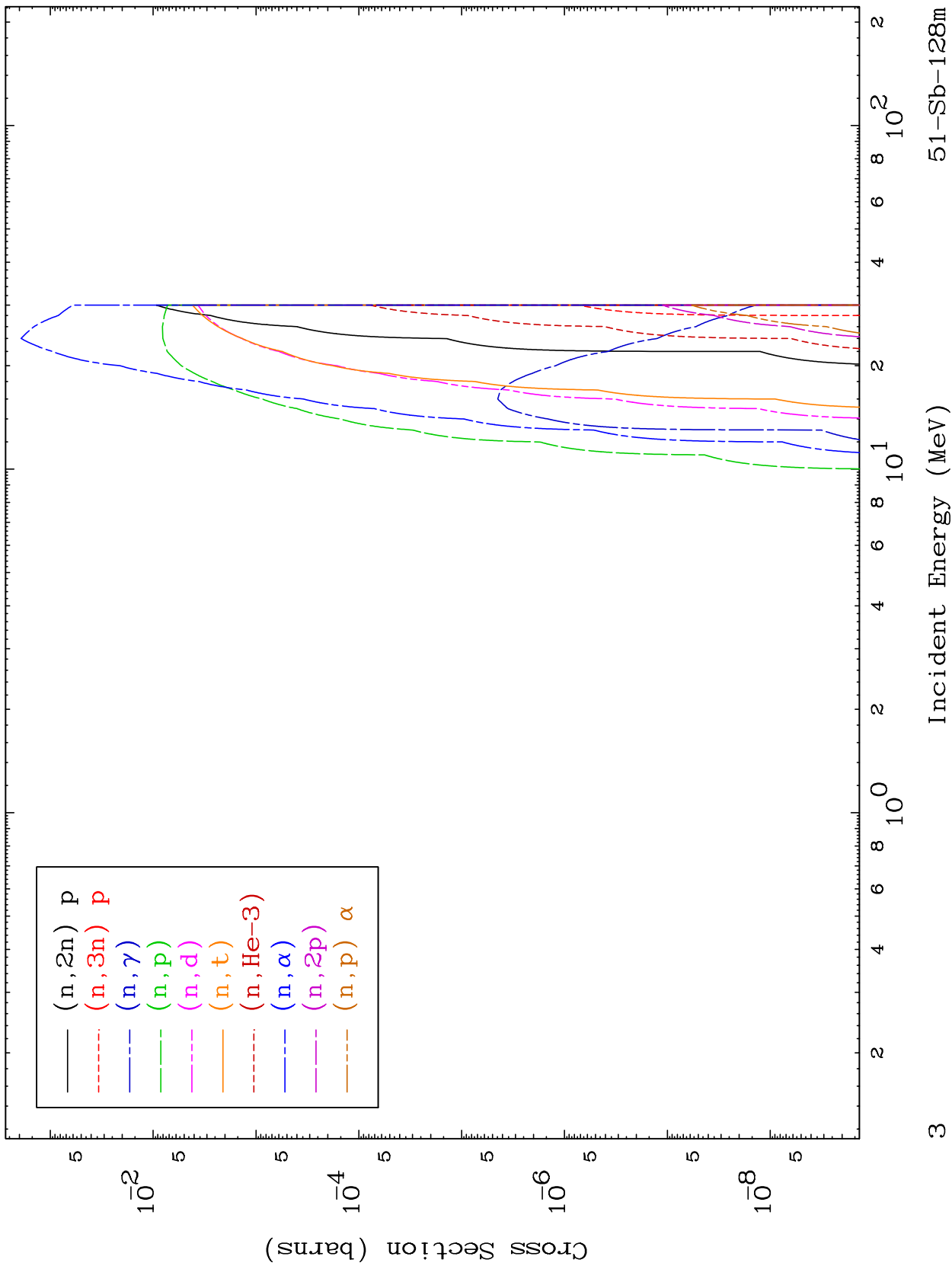
Incident Energy (MeV)

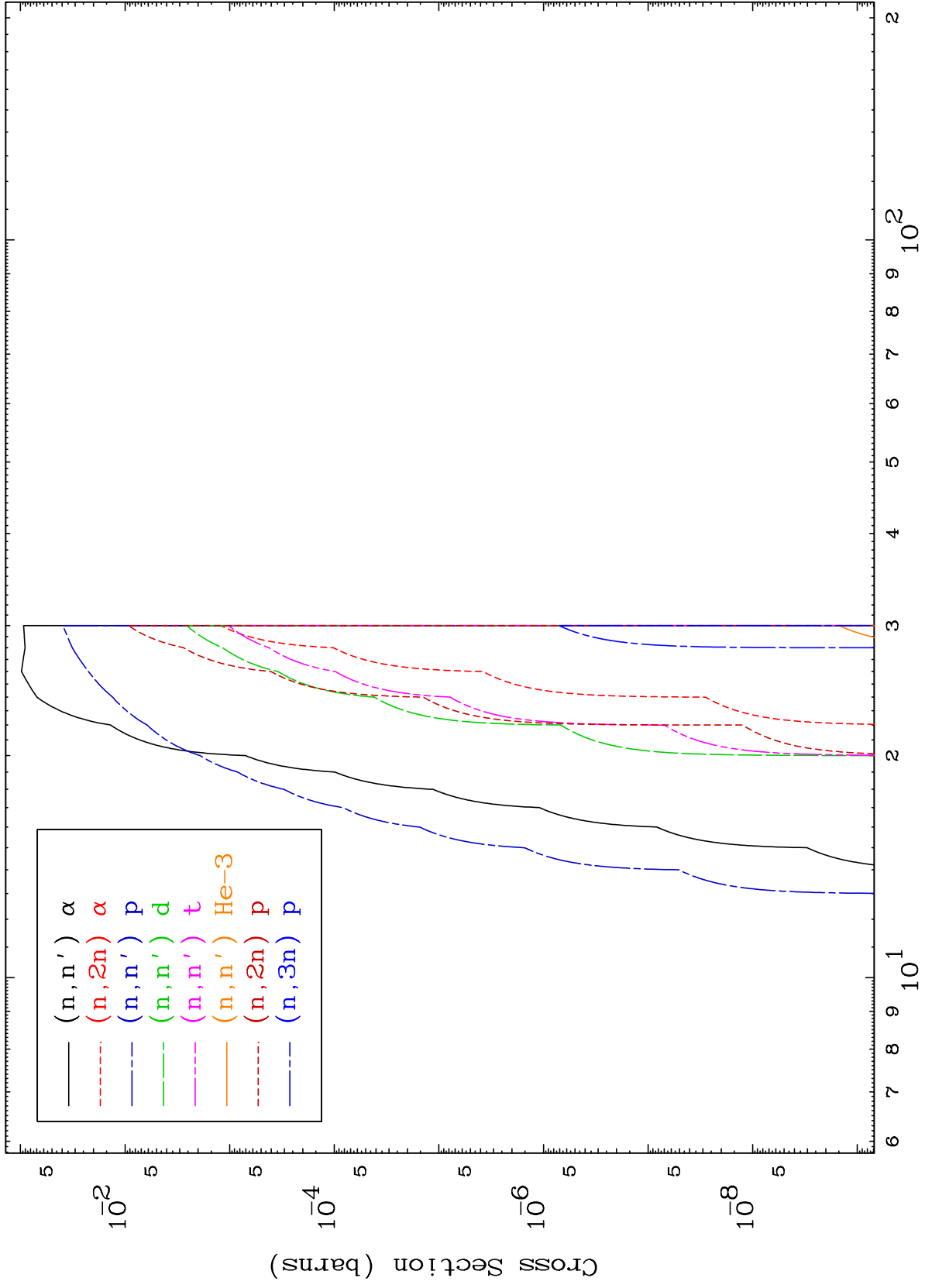
51-Sb-128m

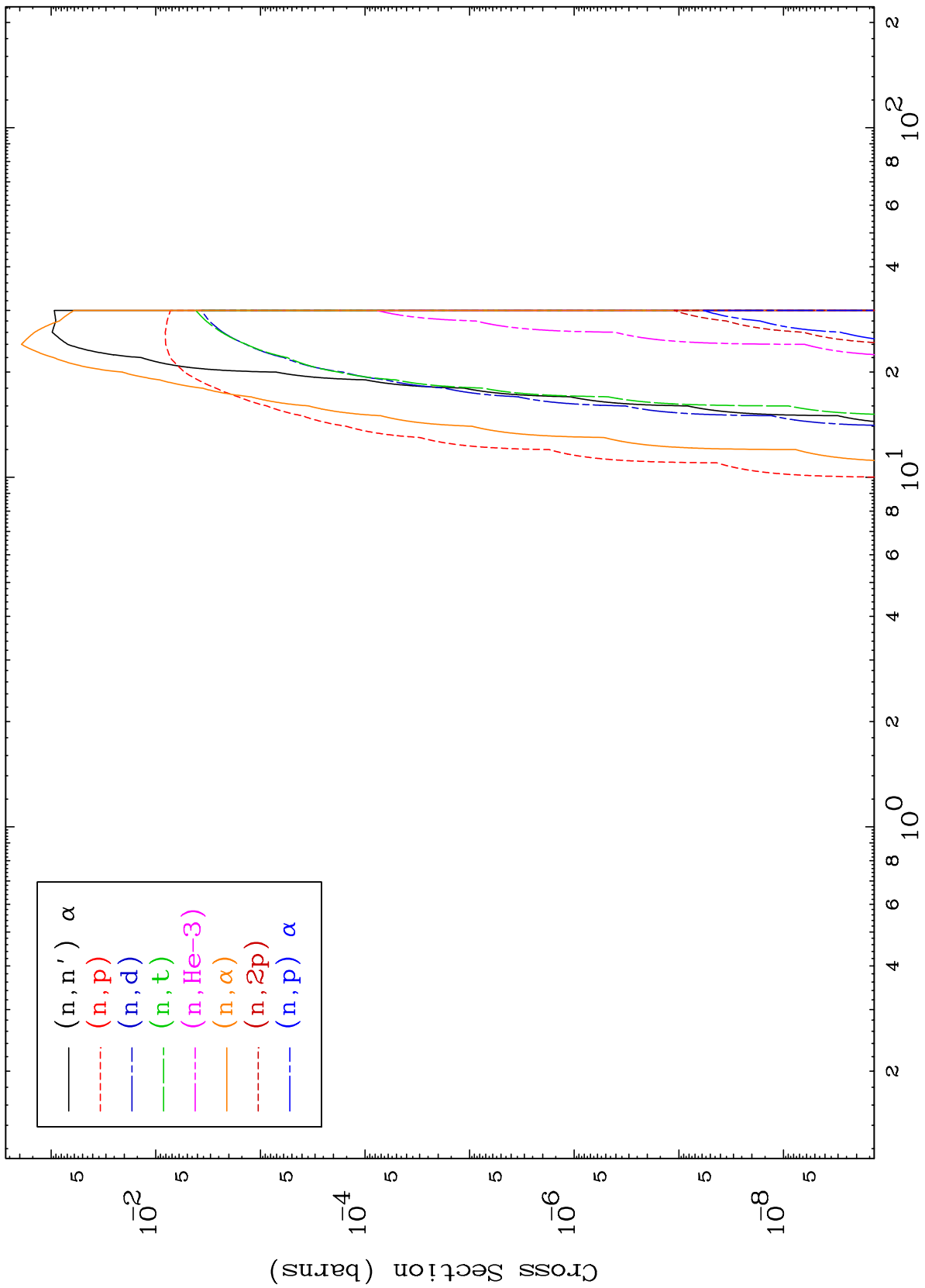
MAT 5147

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-128m



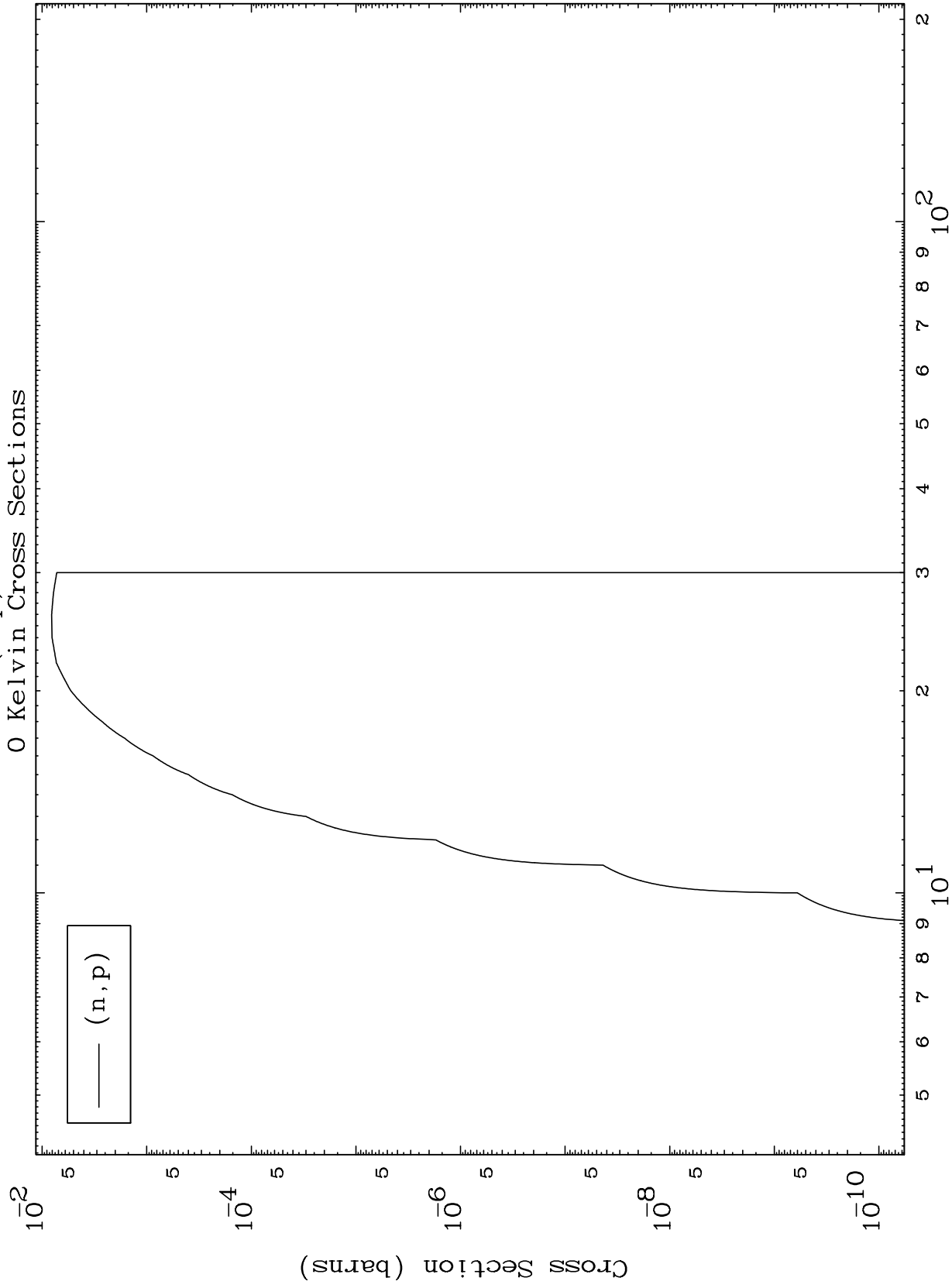




MAT 5147

(α, p) Levels

51-Sb-128m



6

Incident Energy (MeV)

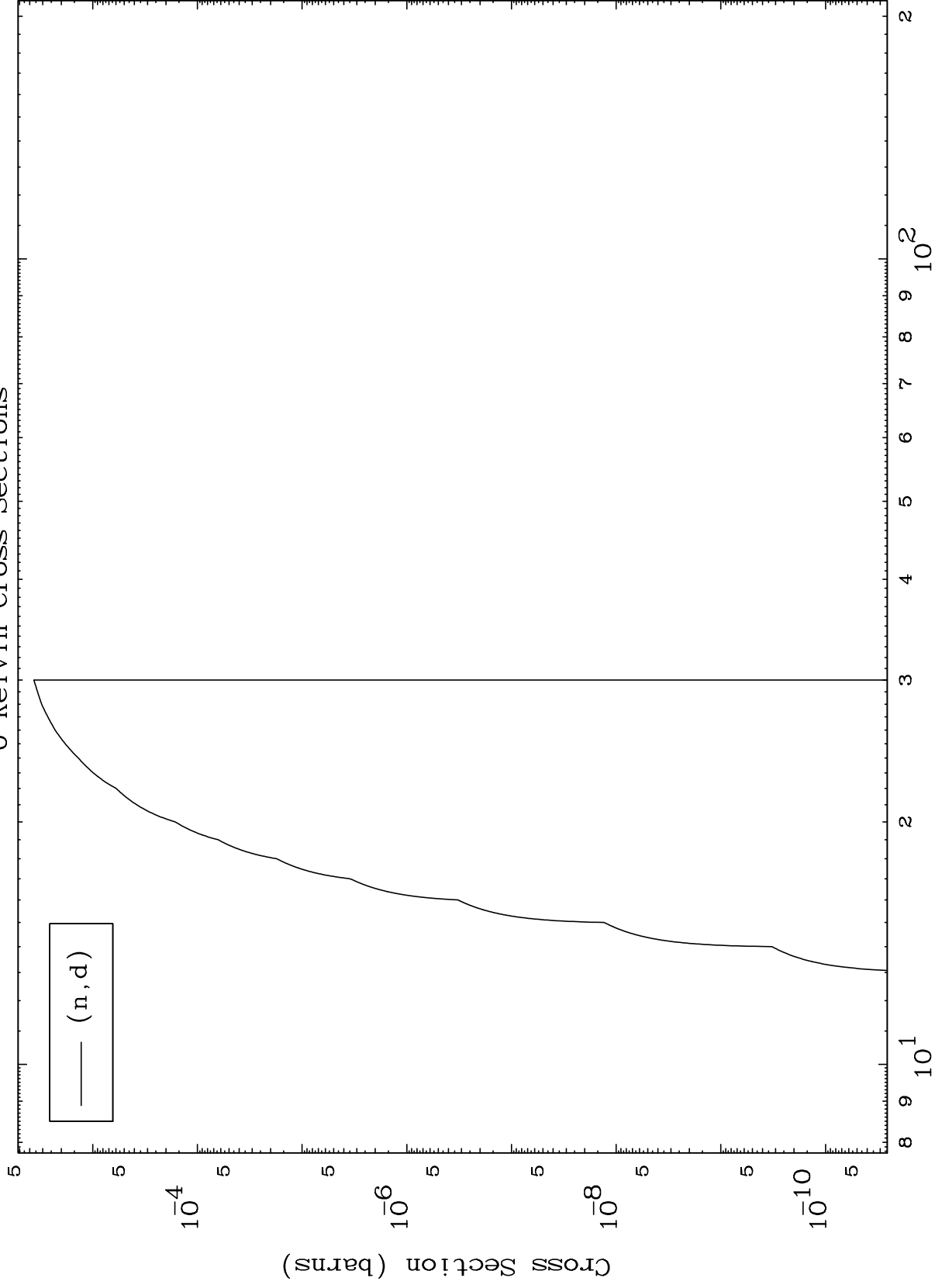
51-Sb-128m

MAT 5147

(α, d) Levels

51-Sb-128m

0 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-128m

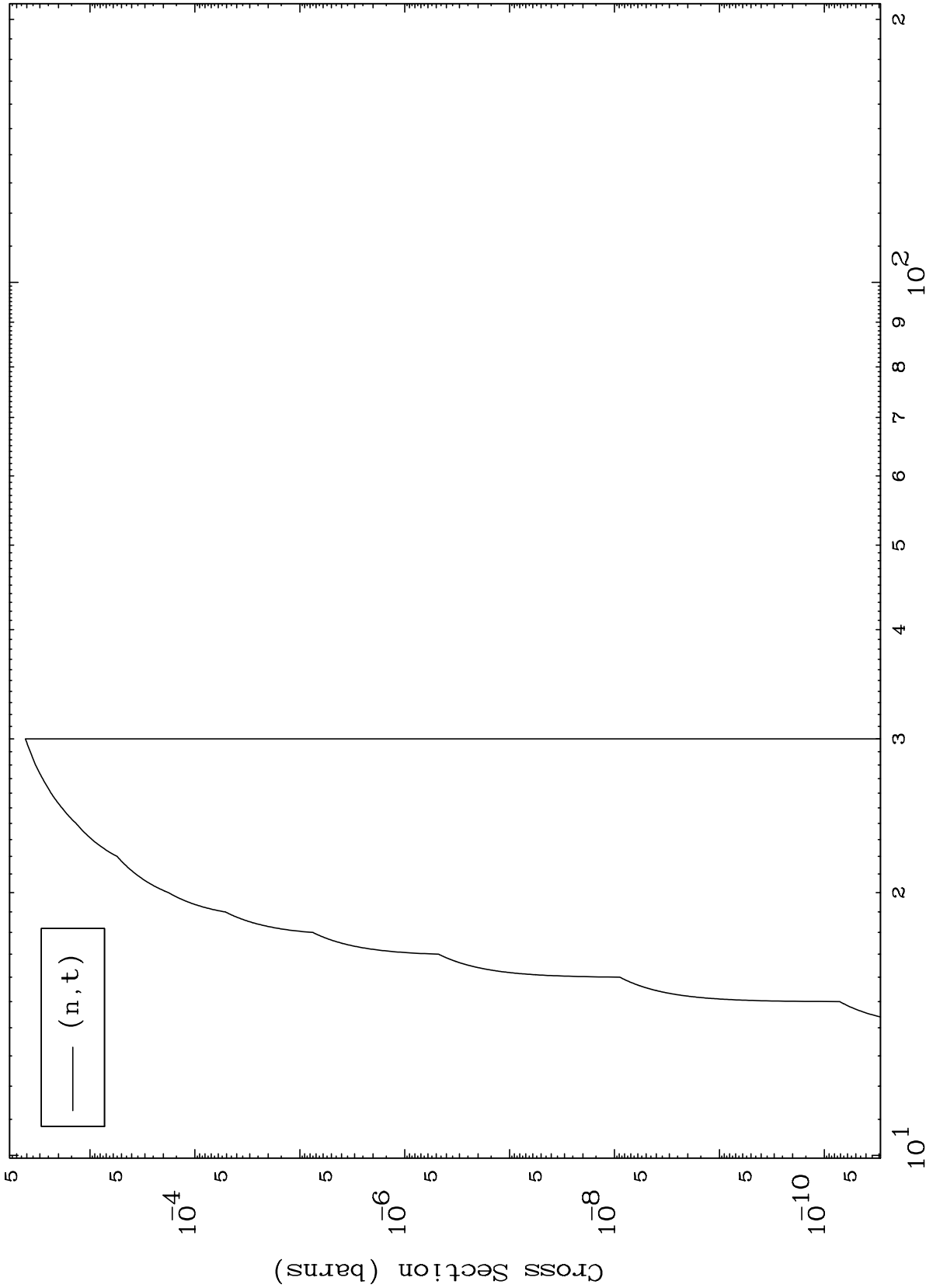
7

MAT 5147

(α, t) Levels

51-Sb-128m

0 Kelvin Cross Sections



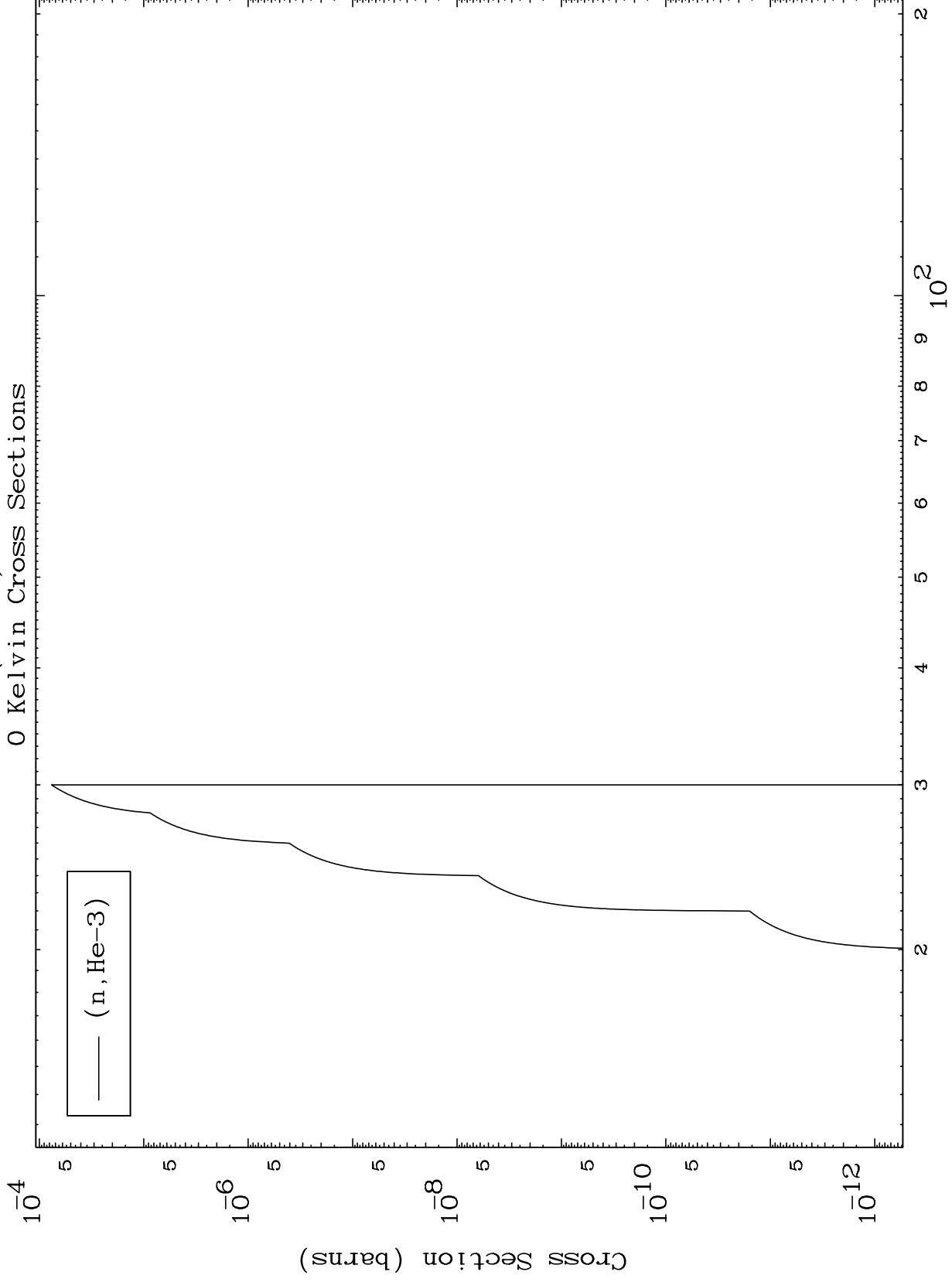
Incident Energy (MeV)

51-Sb-128m

MAT 5147

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

51-Sb-128m

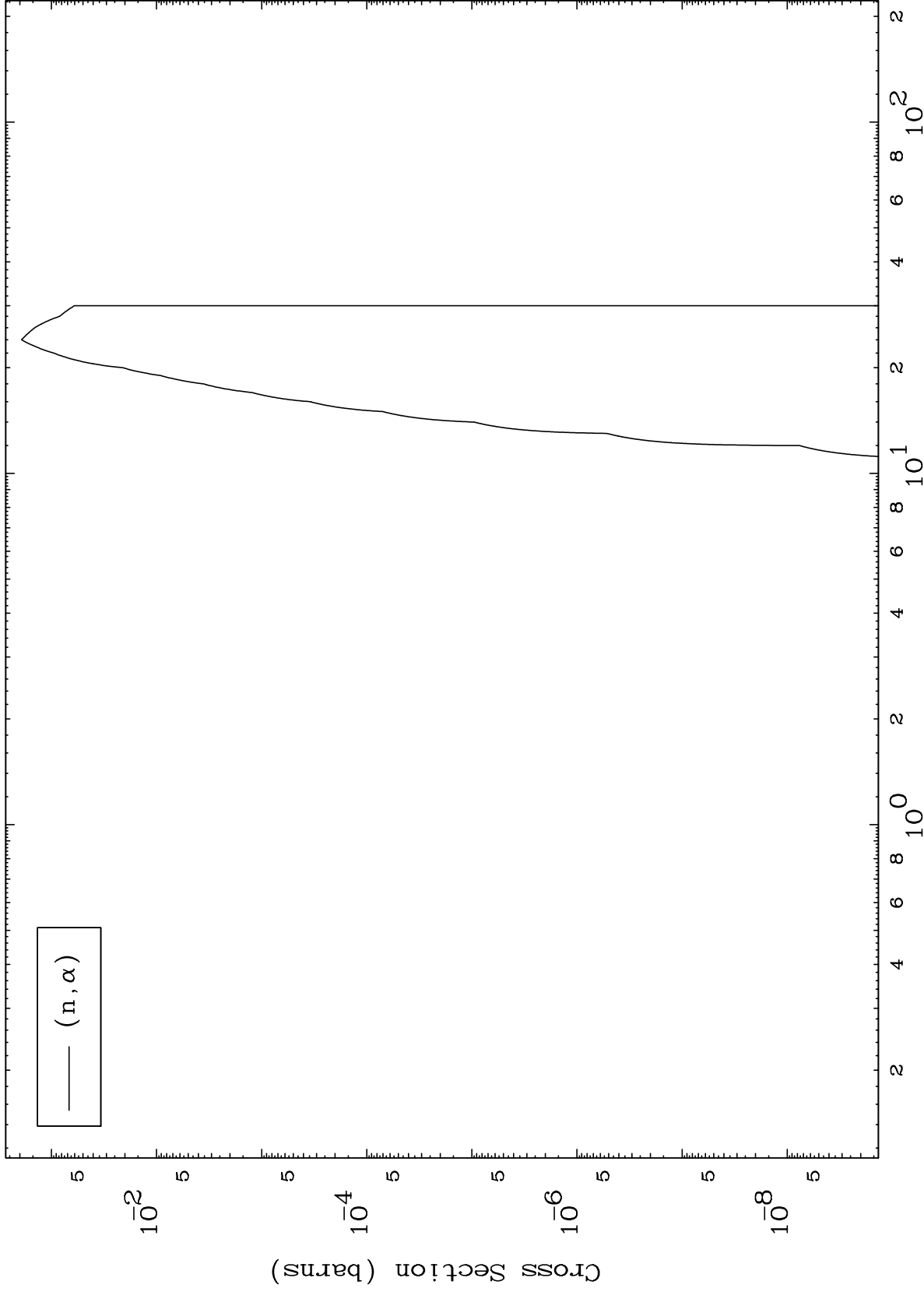


MAT 5147

(α, α) Levels

51-Sb-128m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

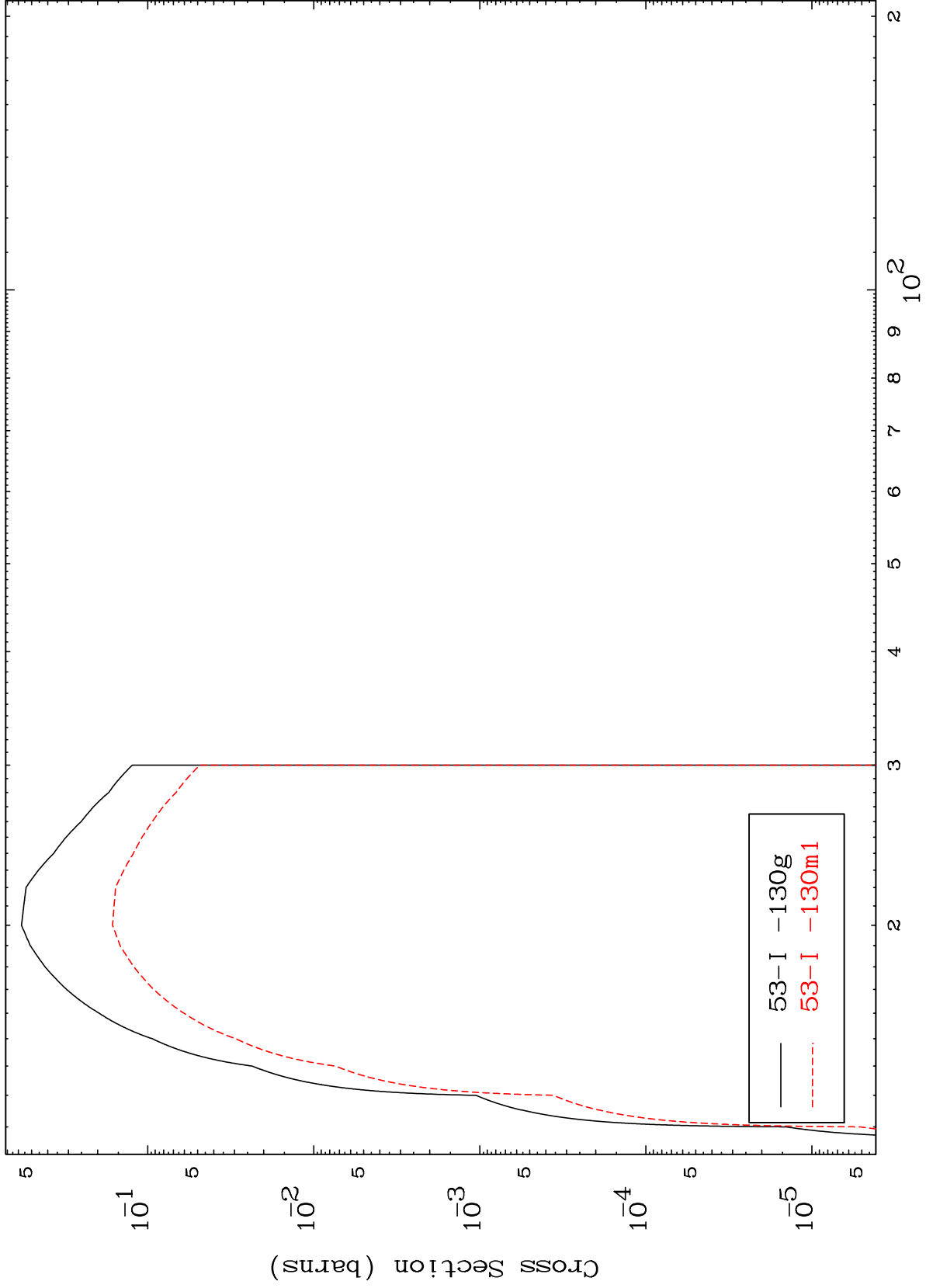
51-Sb-128m

MAT 5147

(n,2n)

51-Sb-128m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-128m

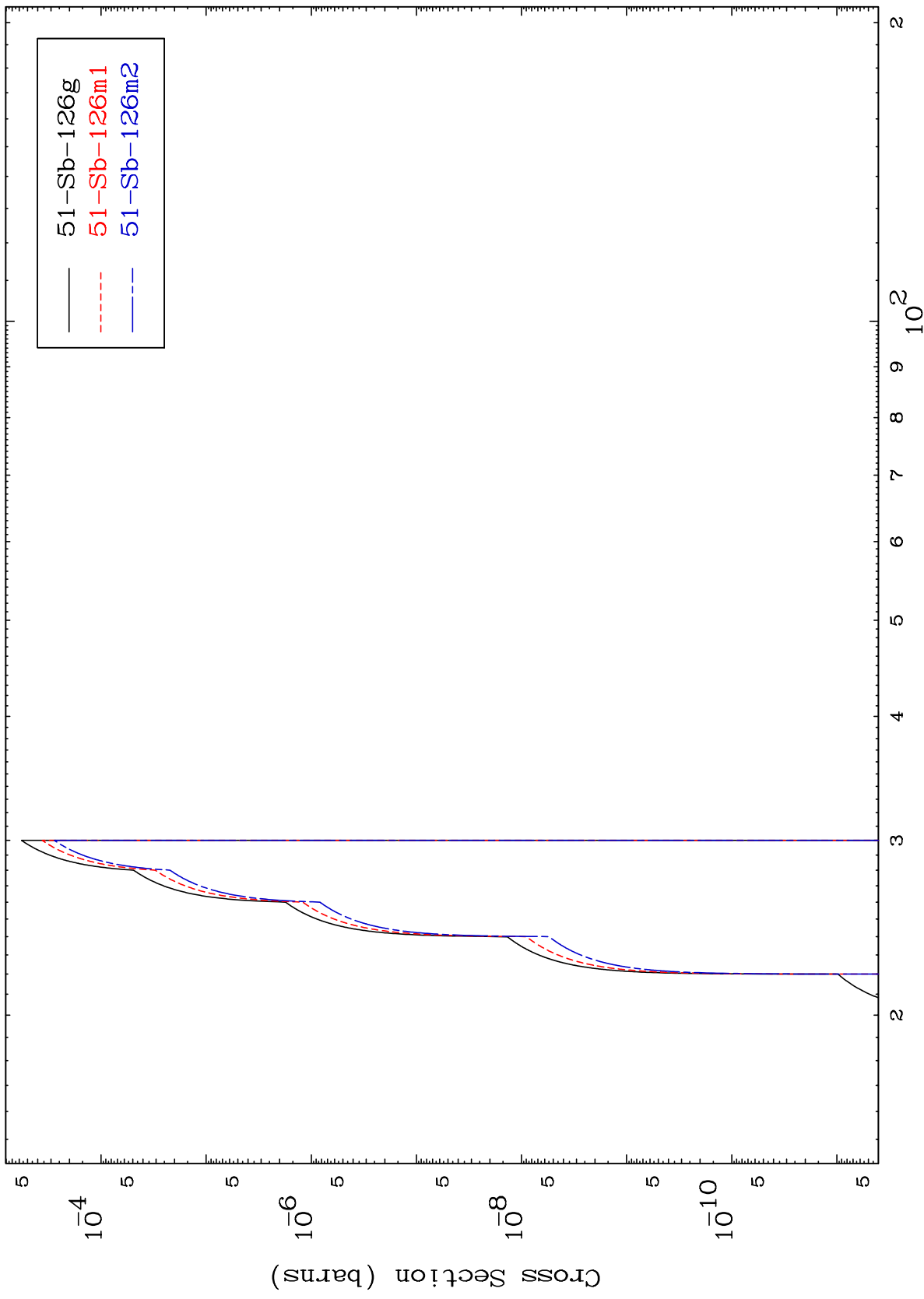
11

MAT 5147

$(n,2n) \alpha$

51-Sb-128m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

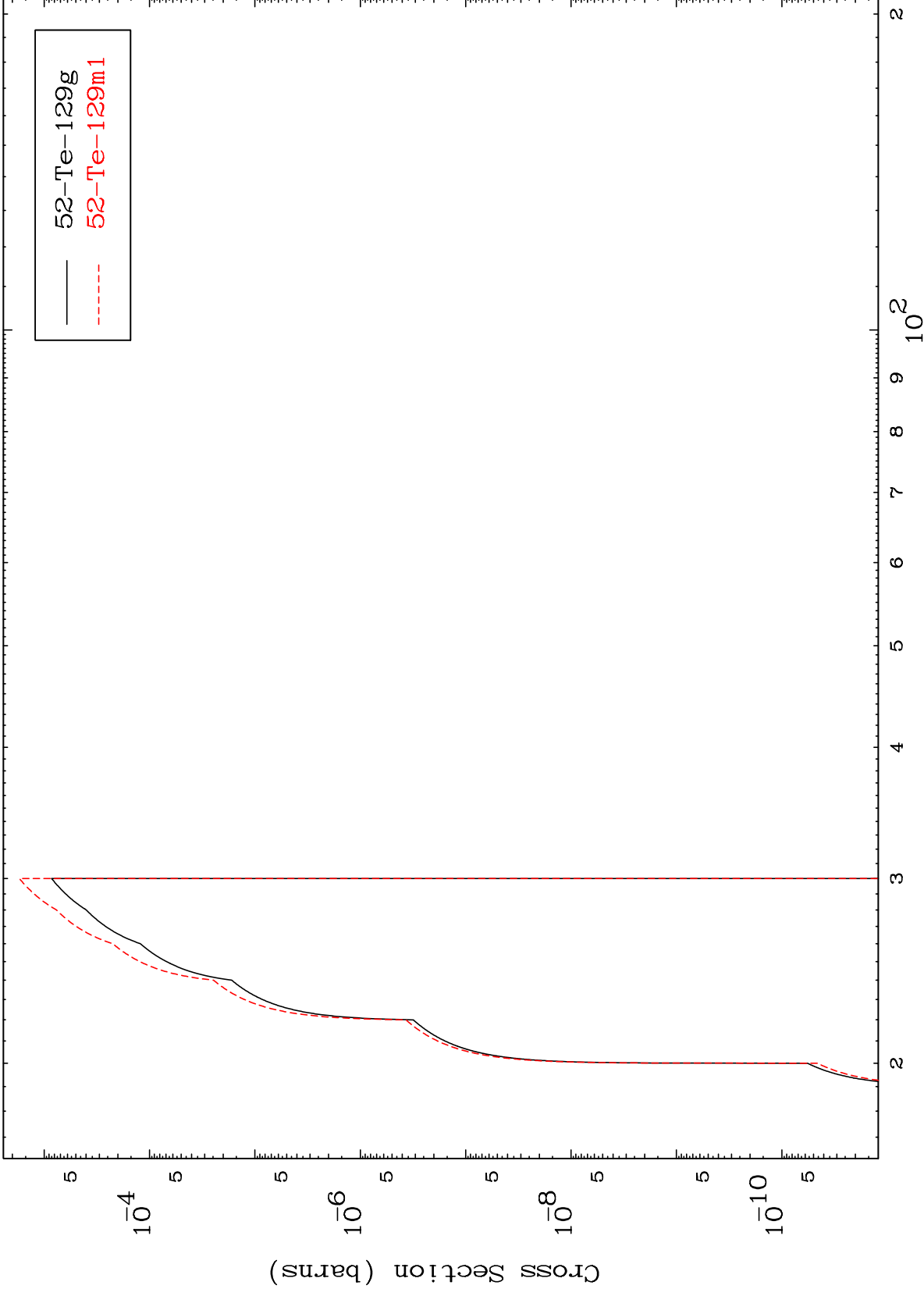
51-Sb-128m

MAT 5147

(n,n') d

51-Sb-128m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

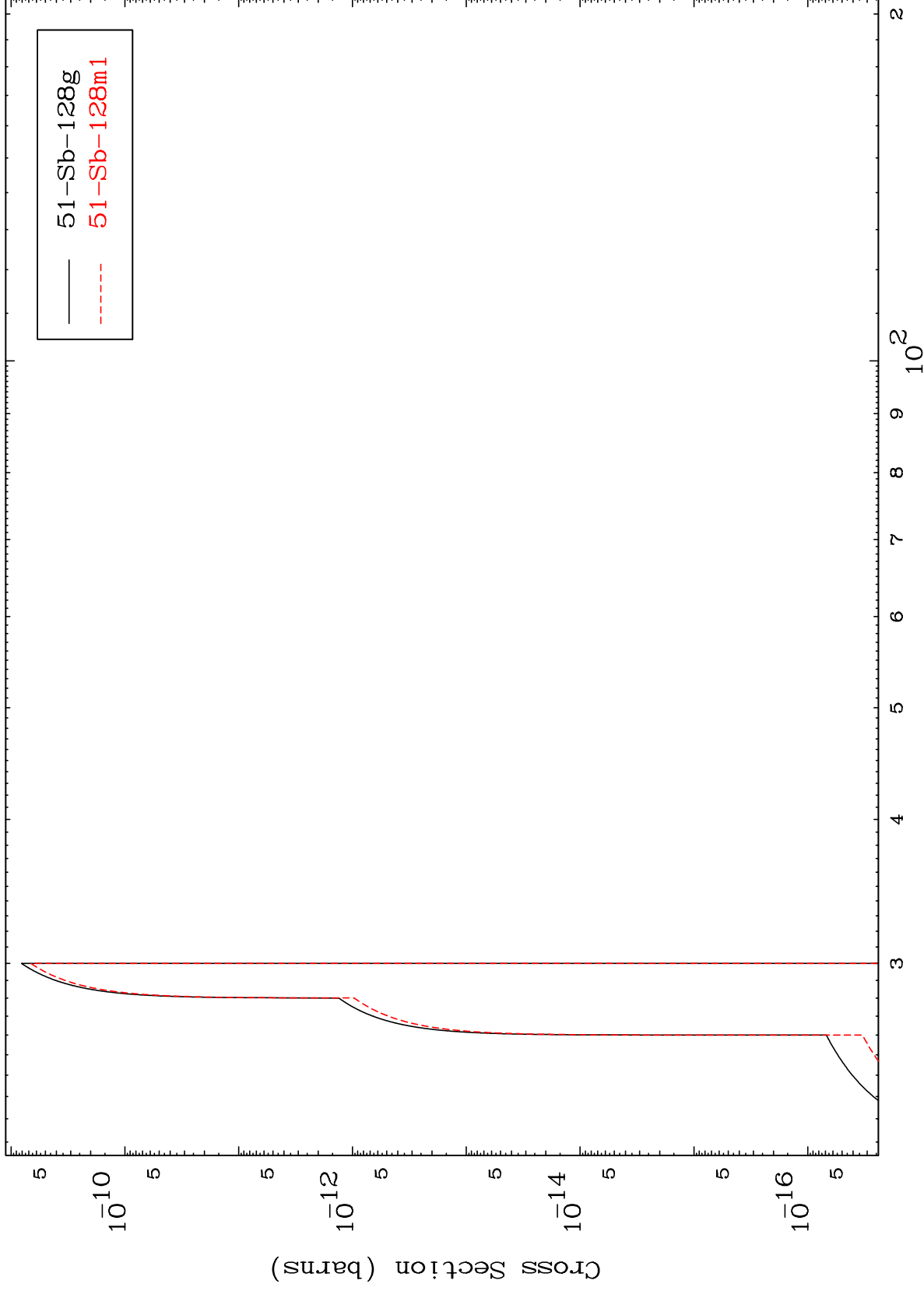
51-Sb-128m

MAT 5147

(n,n') He-3

51-Sb-128m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

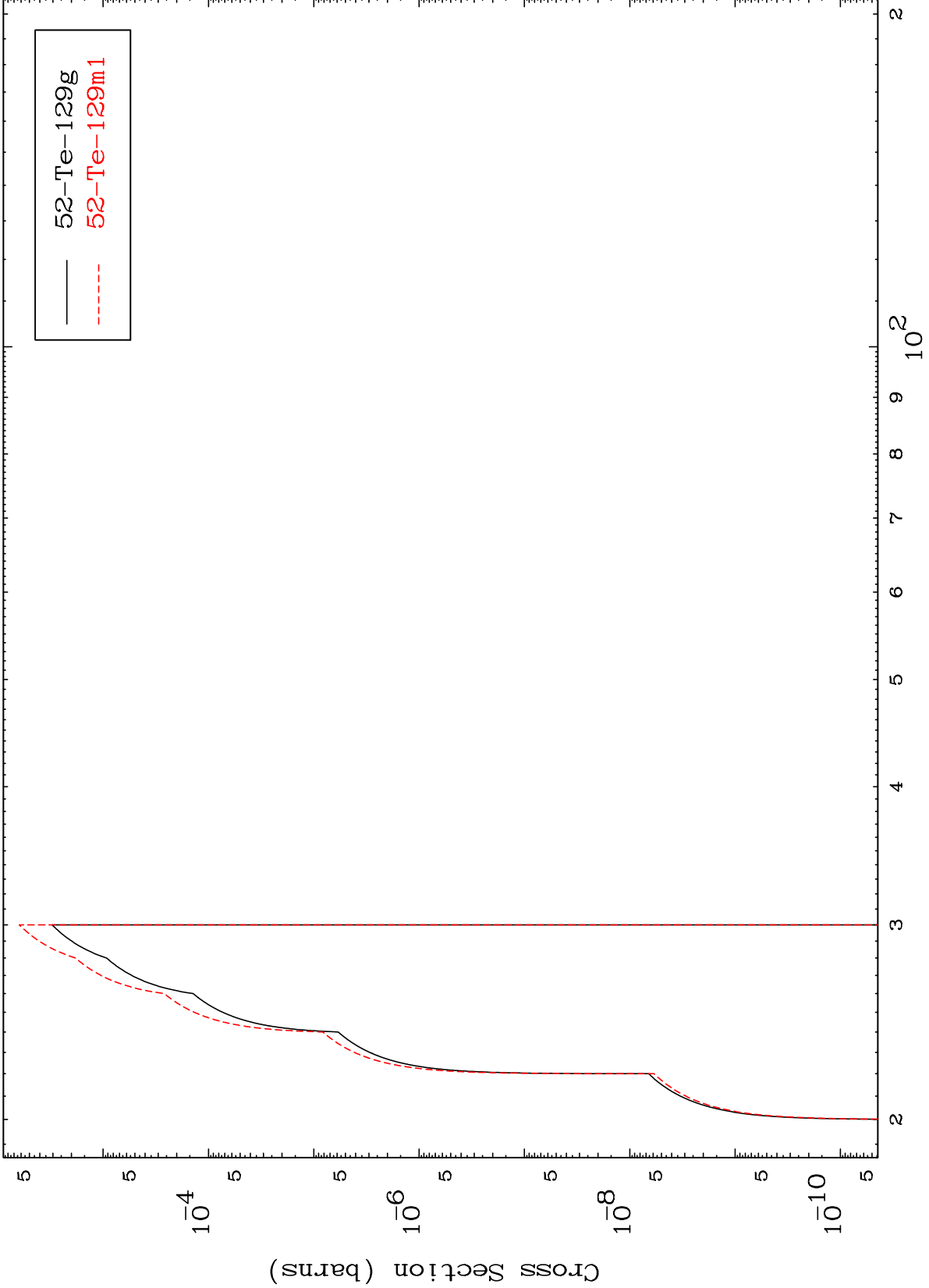
51-Sb-128m

MAT 5147

(n,2n) p

51-Sb-128m

Radionuclide Production Cross Section



15

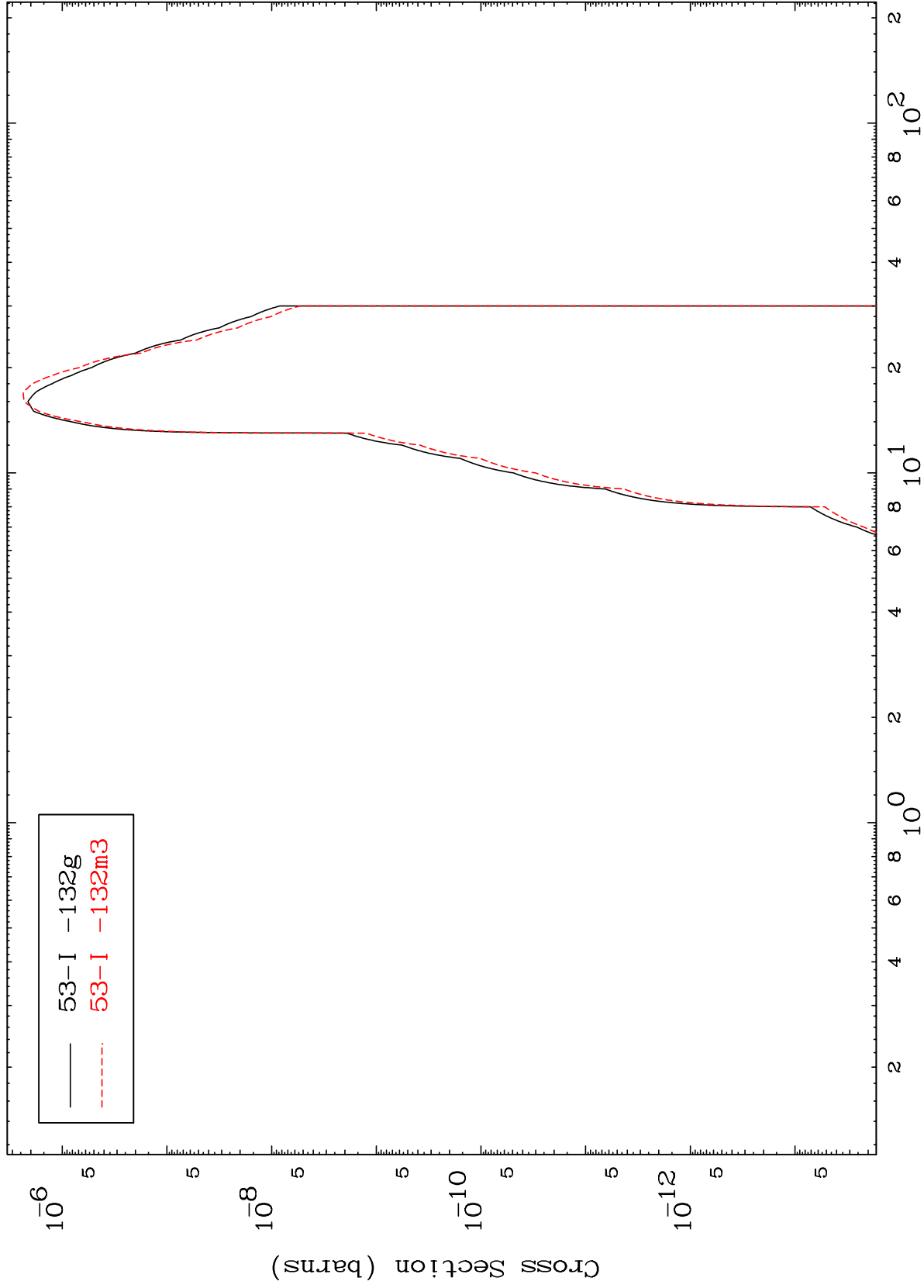
Incident Energy (MeV)

51-Sb-128m

MAT 5147

51-Sb-128m

Radionuclide Production Cross Section



Incident Energy (MeV)

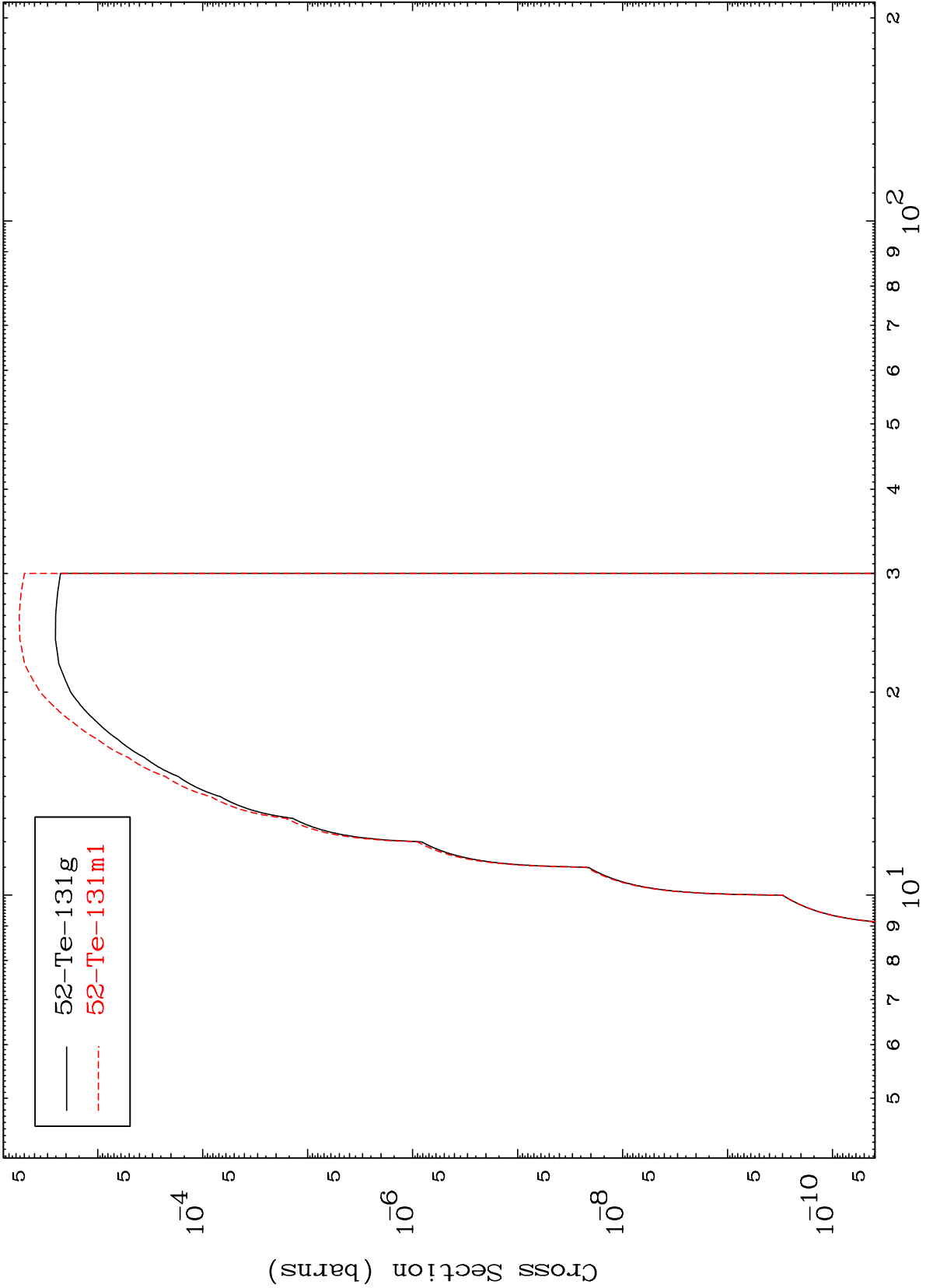
51-Sb-128m

16

MAT 5147

51-Sb-128m

(n,p)
Radionuclide Production Cross Section



17

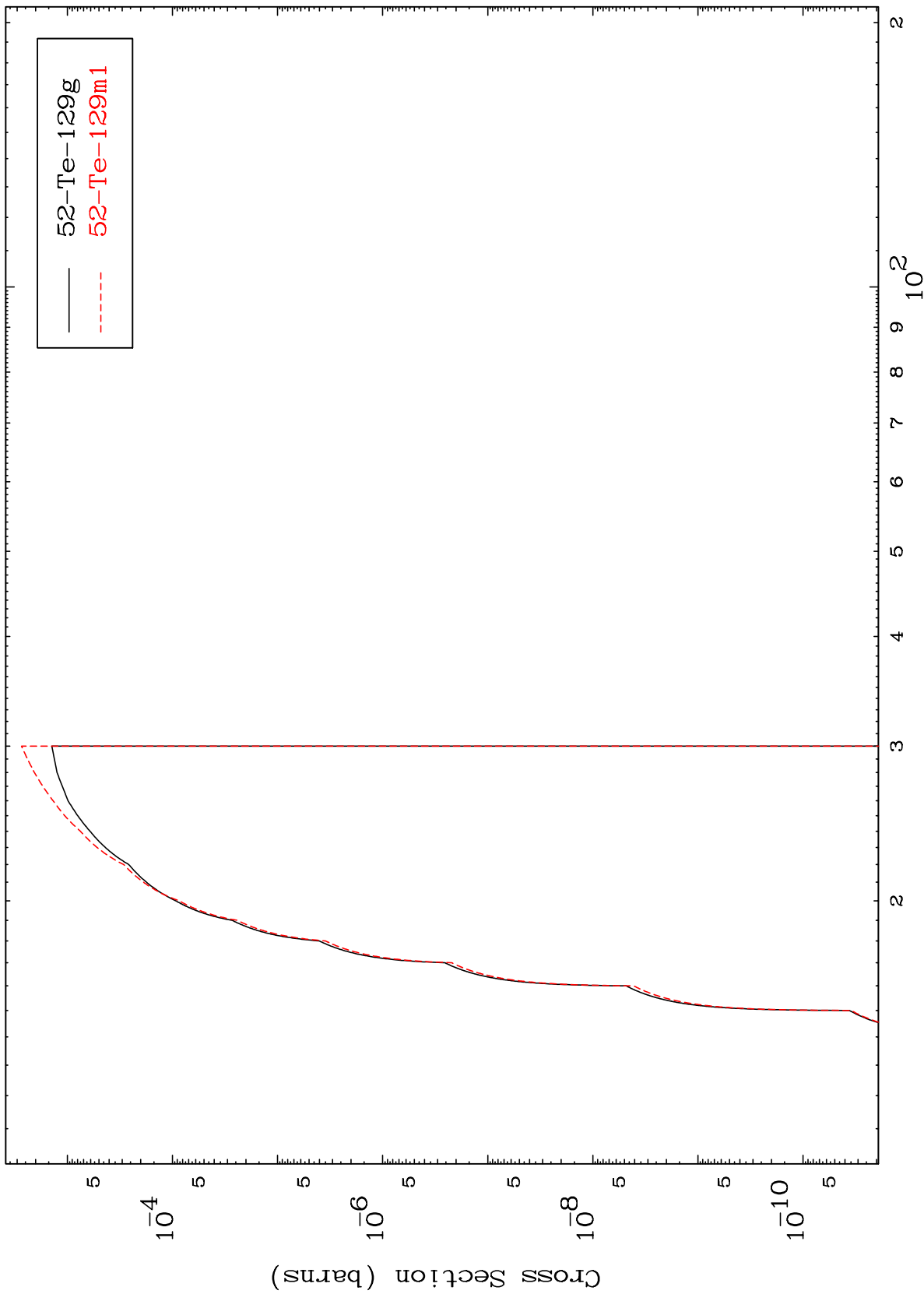
Incident Energy (MeV)

51-Sb-128m

MAT 5147

51-Sb-128m

(n,t)
Radionuclide Production Cross Section



18

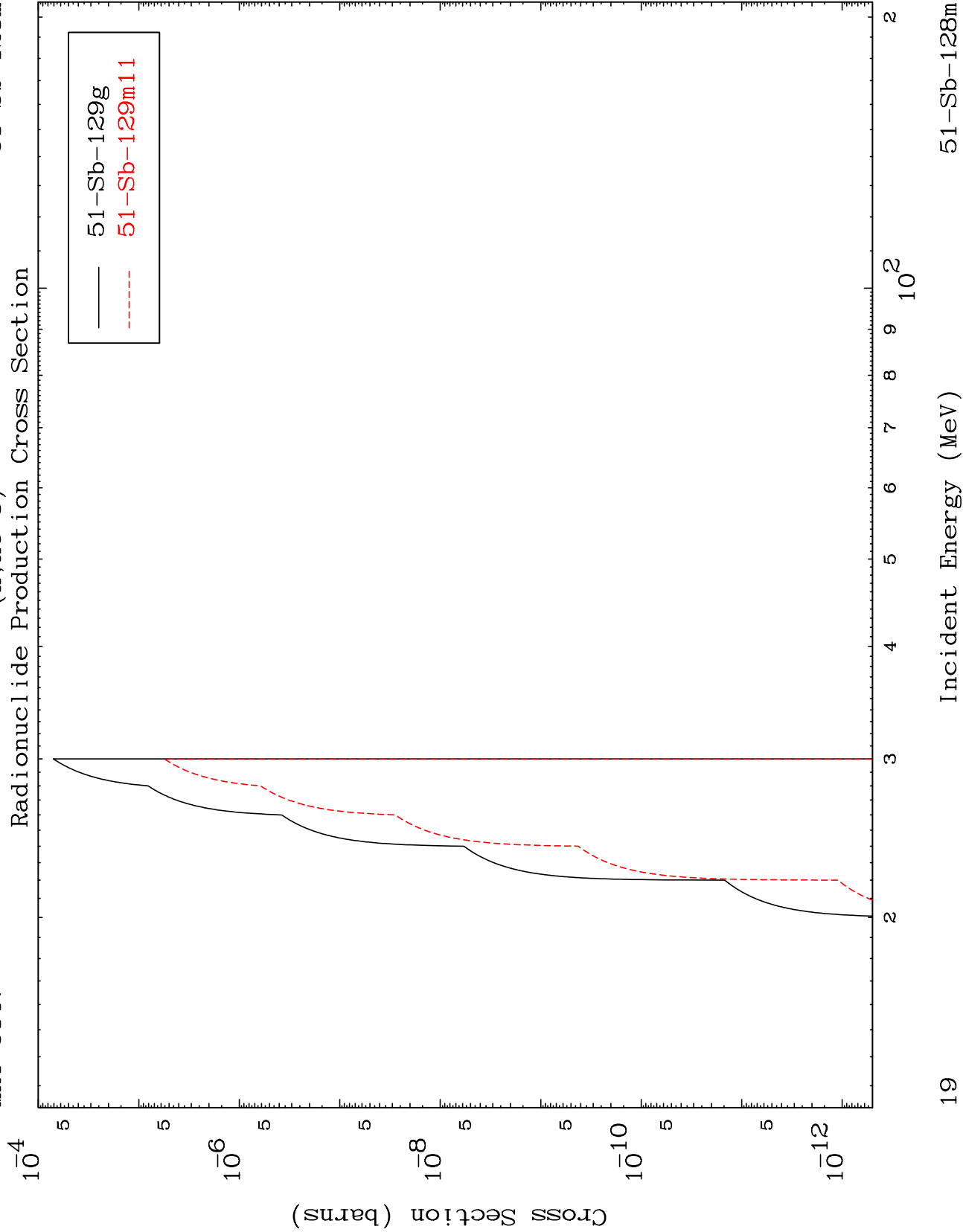
Incident Energy (MeV)

51-Sb-128m

MAT 5147

(n,He-3)

51-Sb-128m

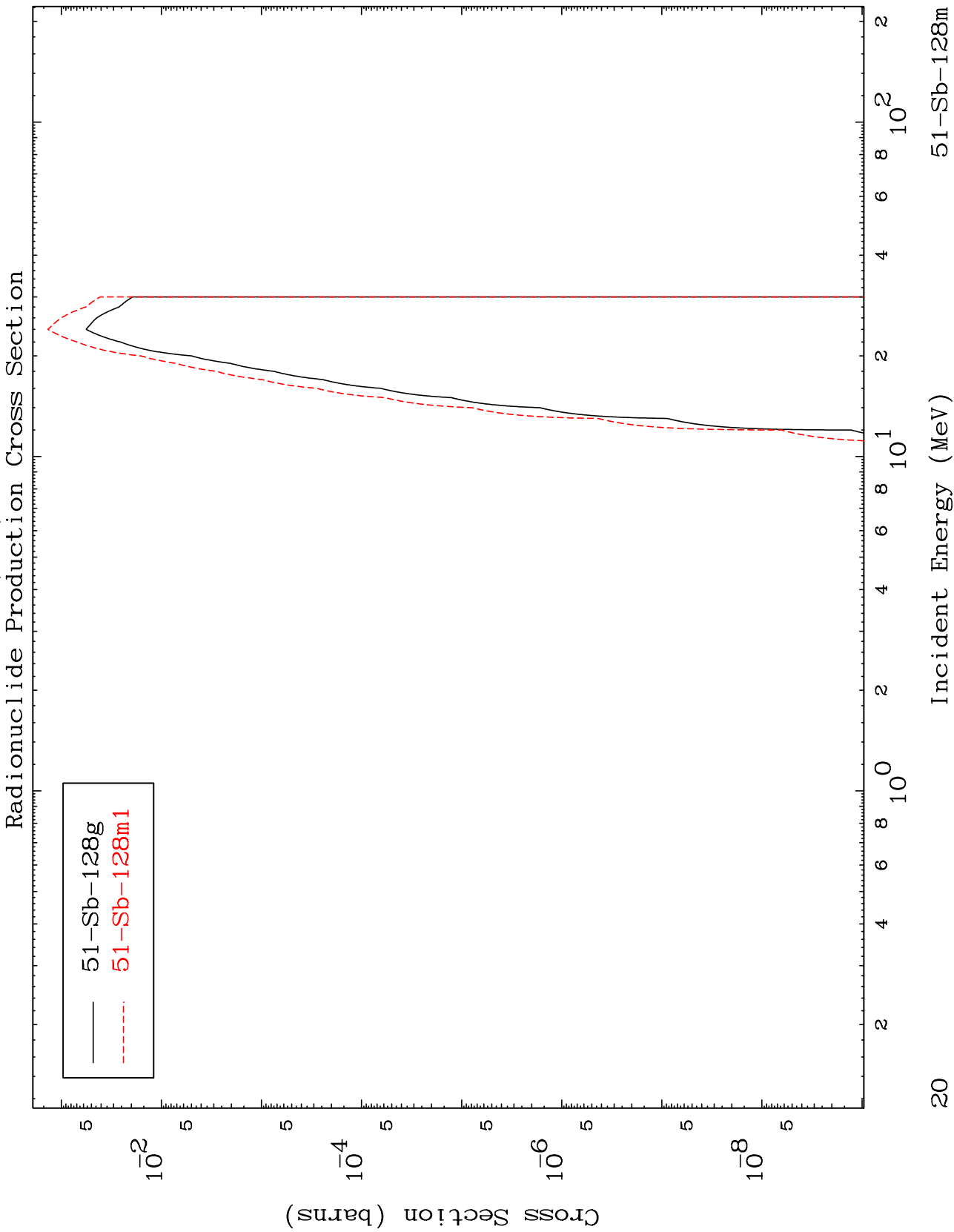


19

51-Sb-128m

MAT 5147

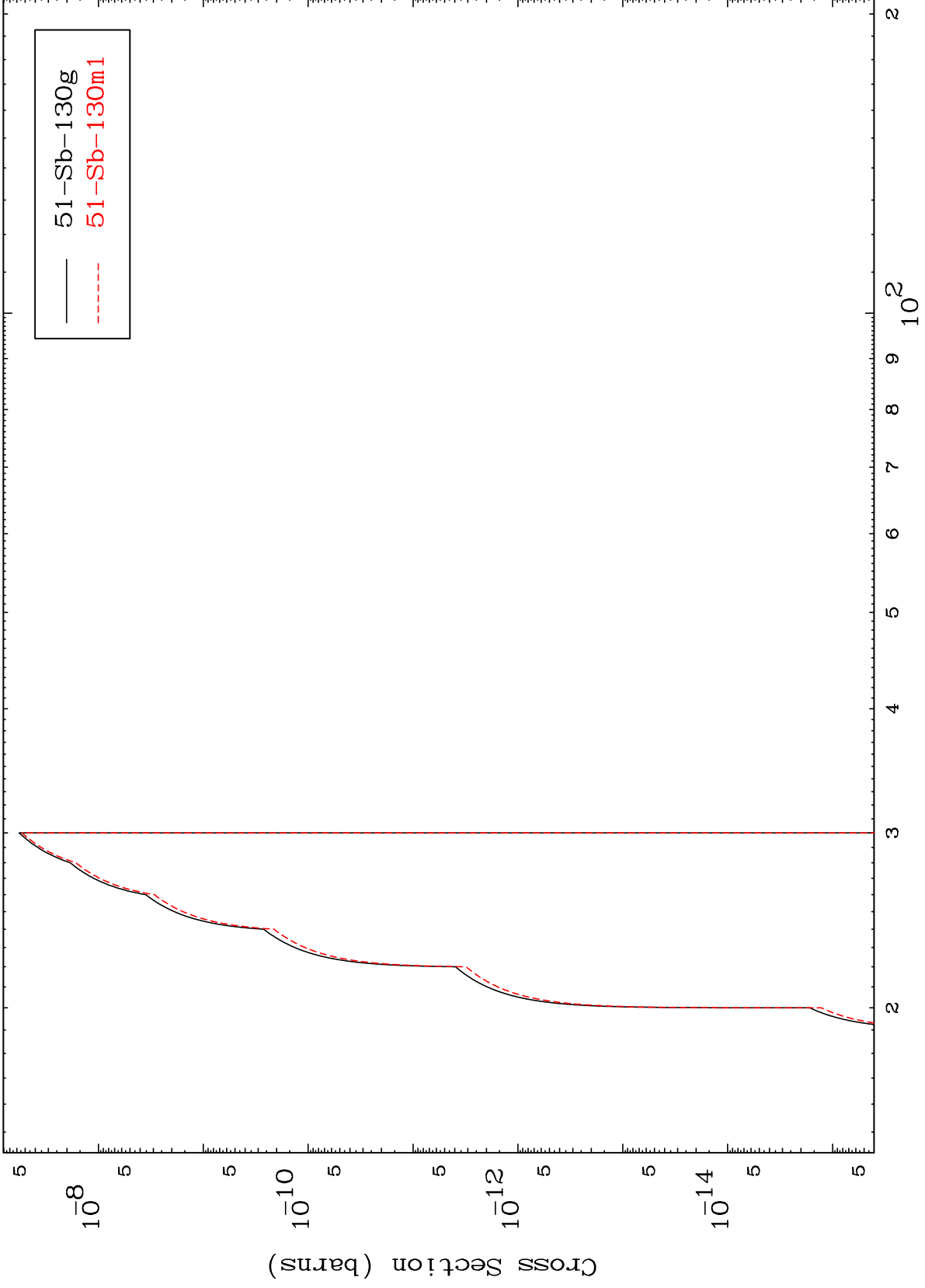
51-Sb-128m



MAT 5147

51-Sb-128m

(n,2p)
Radionuclide Production Cross Section



21

51-Sb-128m

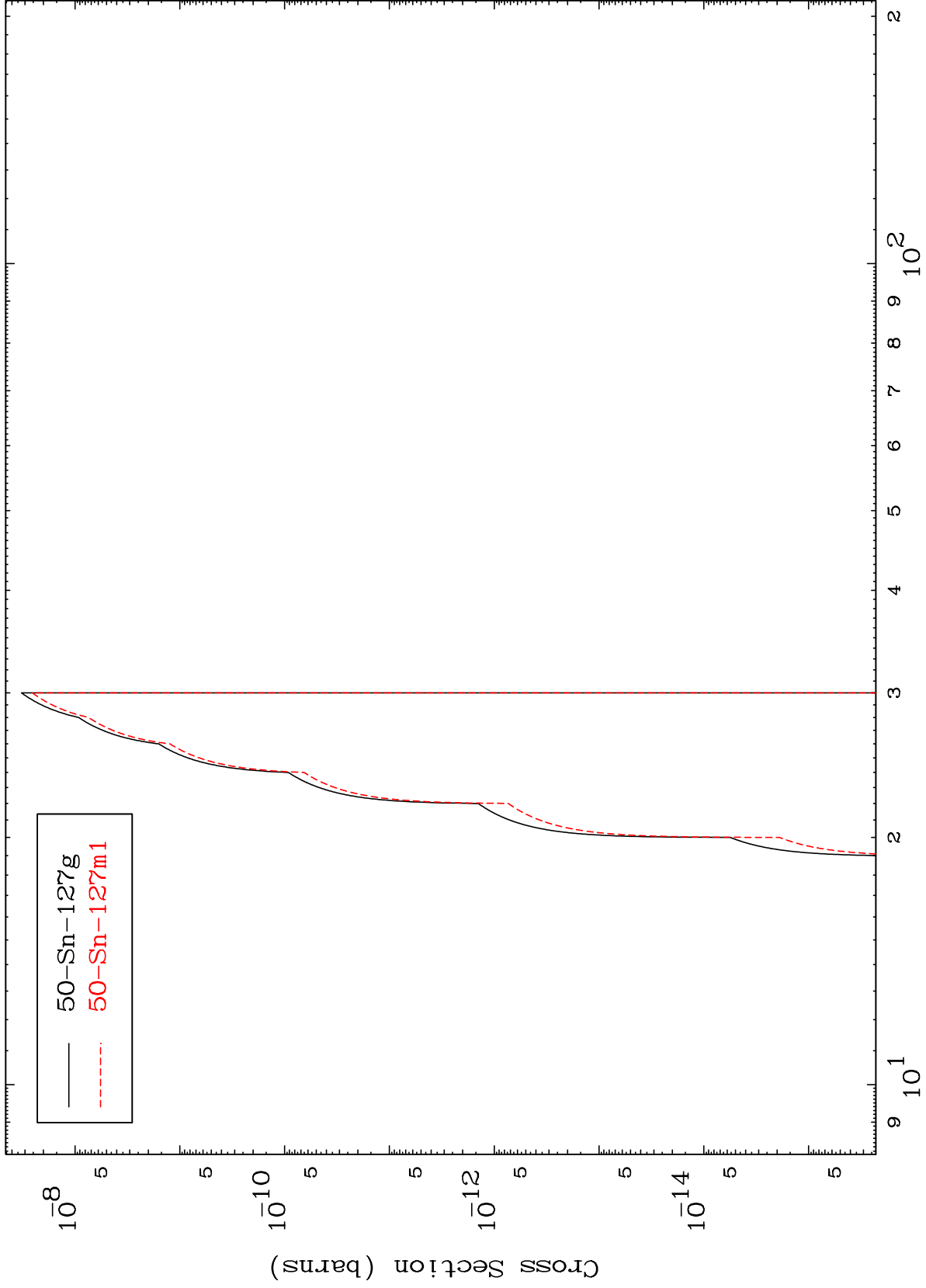
Incident Energy (MeV)

MAT 5147

(n,p) α

51-Sb-128m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

51-Sb-128m