

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

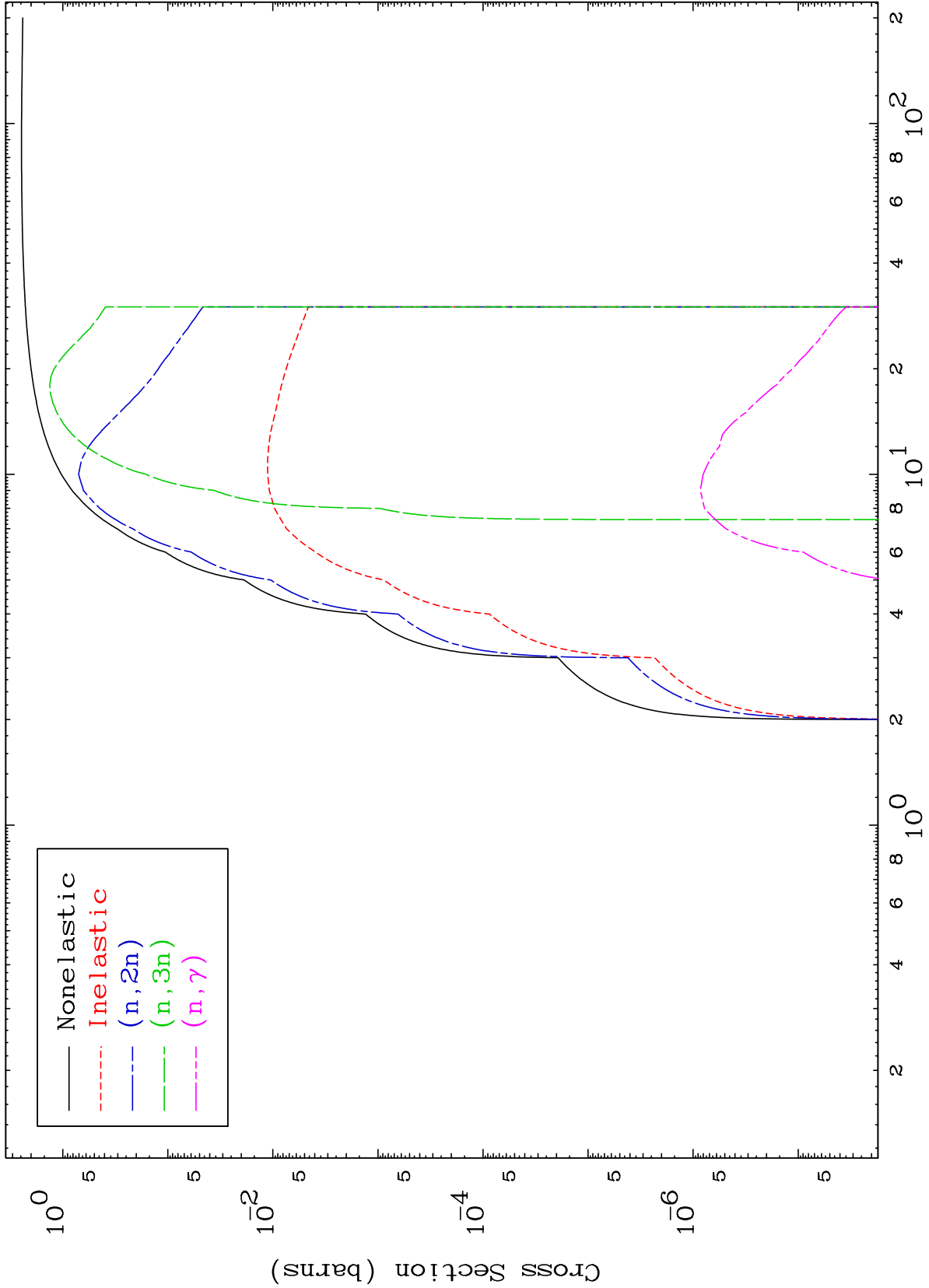
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5147

Deuteron Major
0 Kelvin Cross Sections

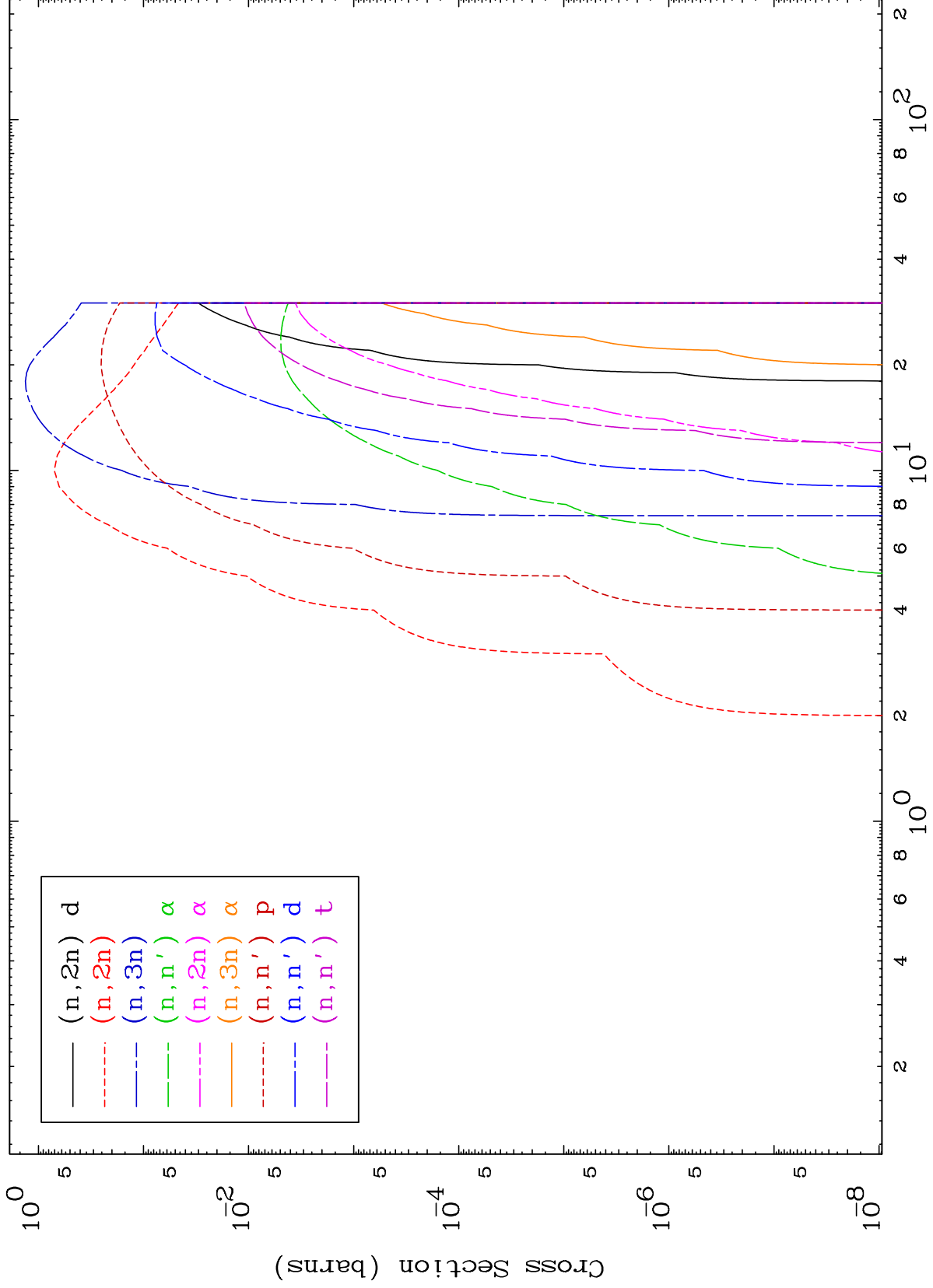
51-Sb-128m



MAT 5147

Deuteron Neutron Absorption
0 Kelvin Cross Sections

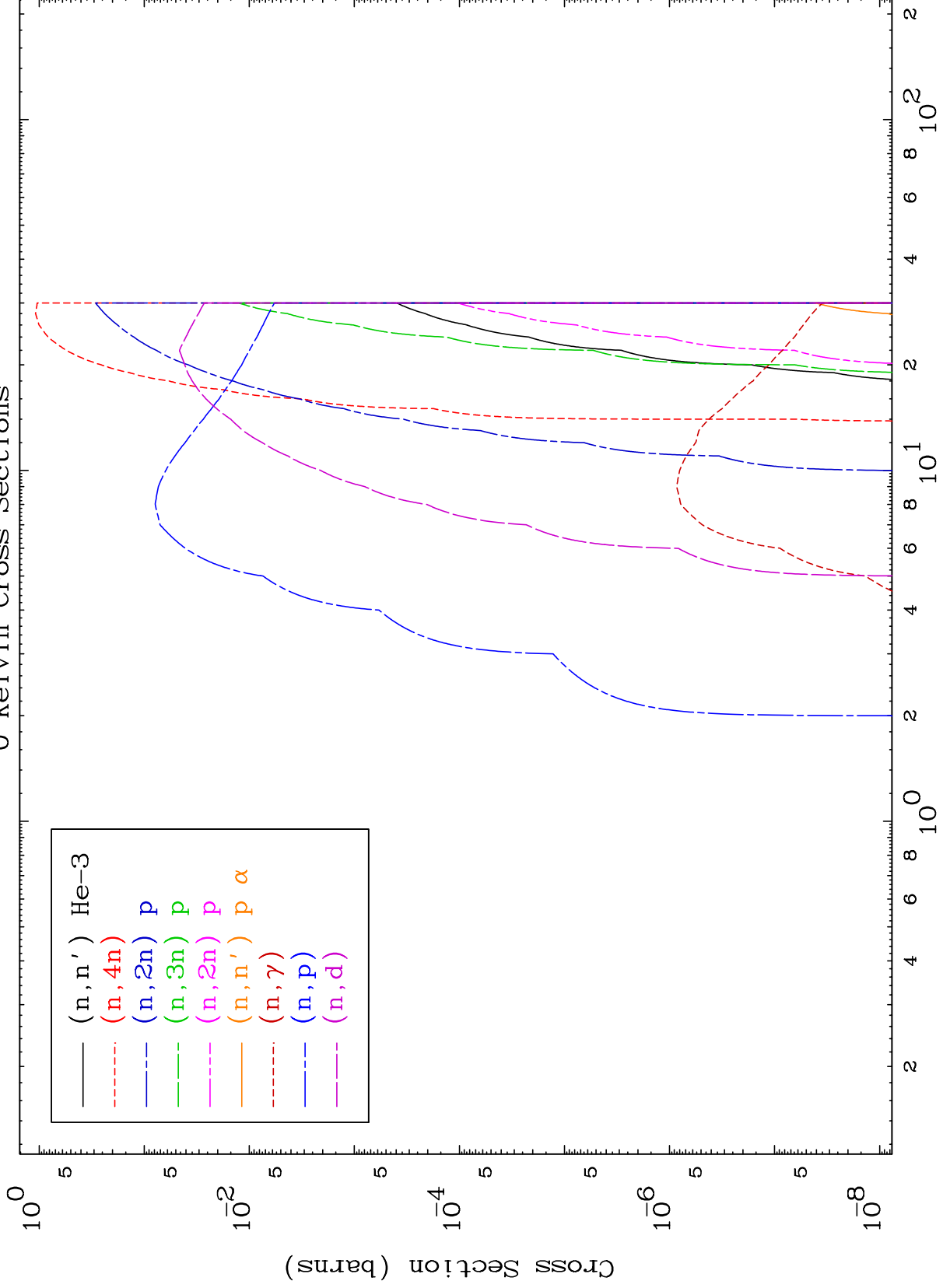
51-Sb-128m



MAT 5147

Deuteron Neutron Absorption
0 Kelvin Cross Sections

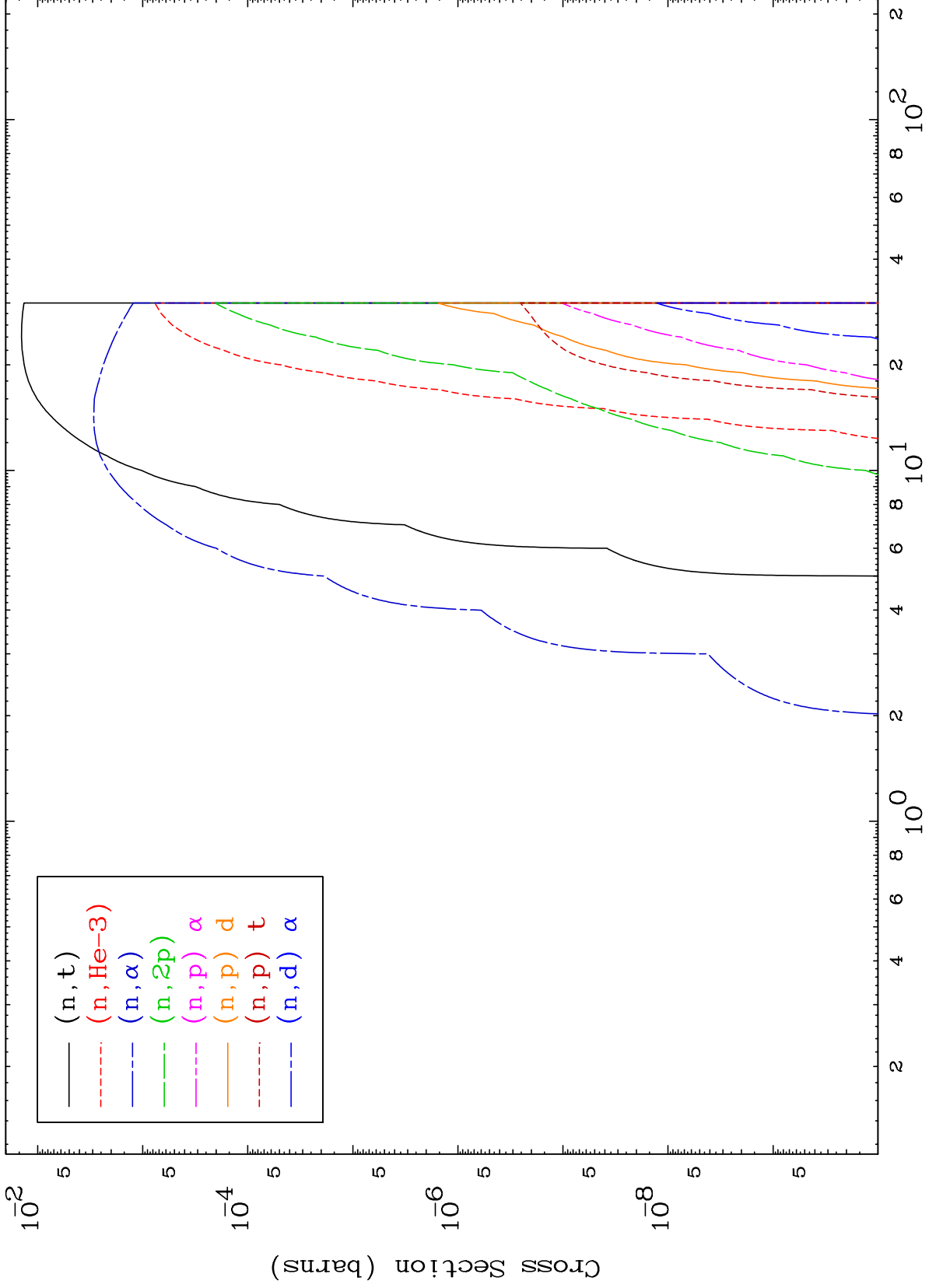
51-Sb-128m

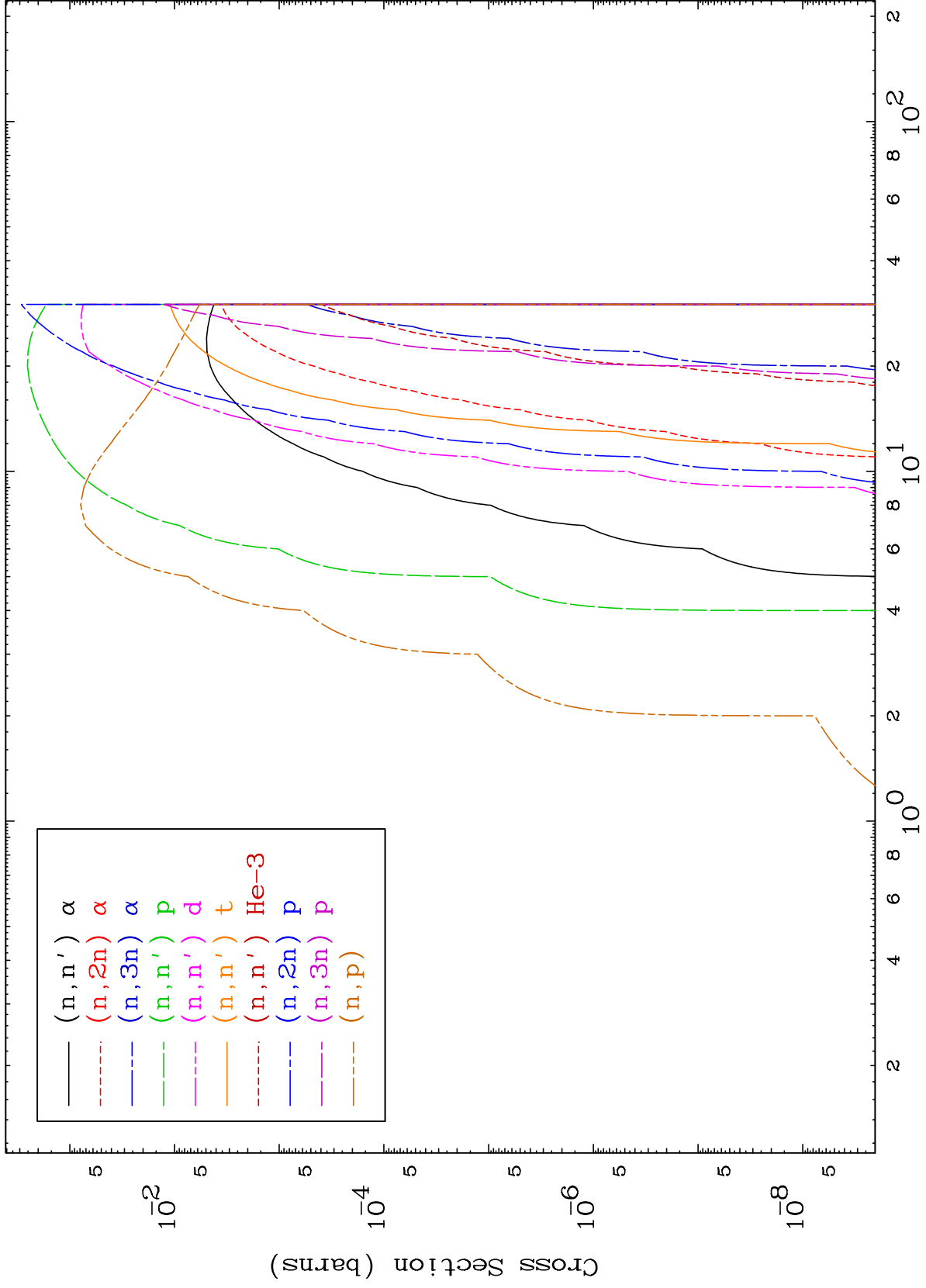


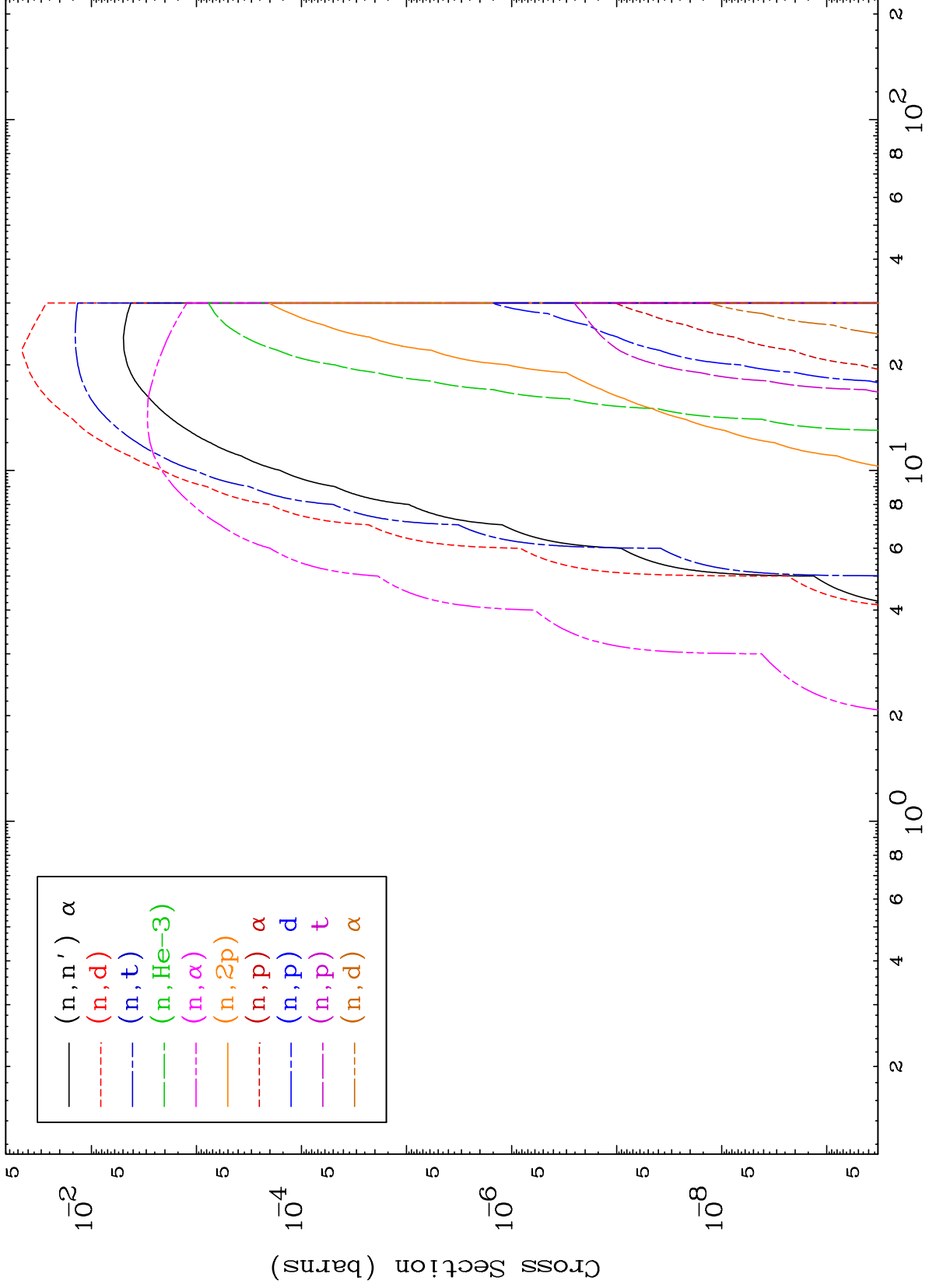
MAT 5147

Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-128m





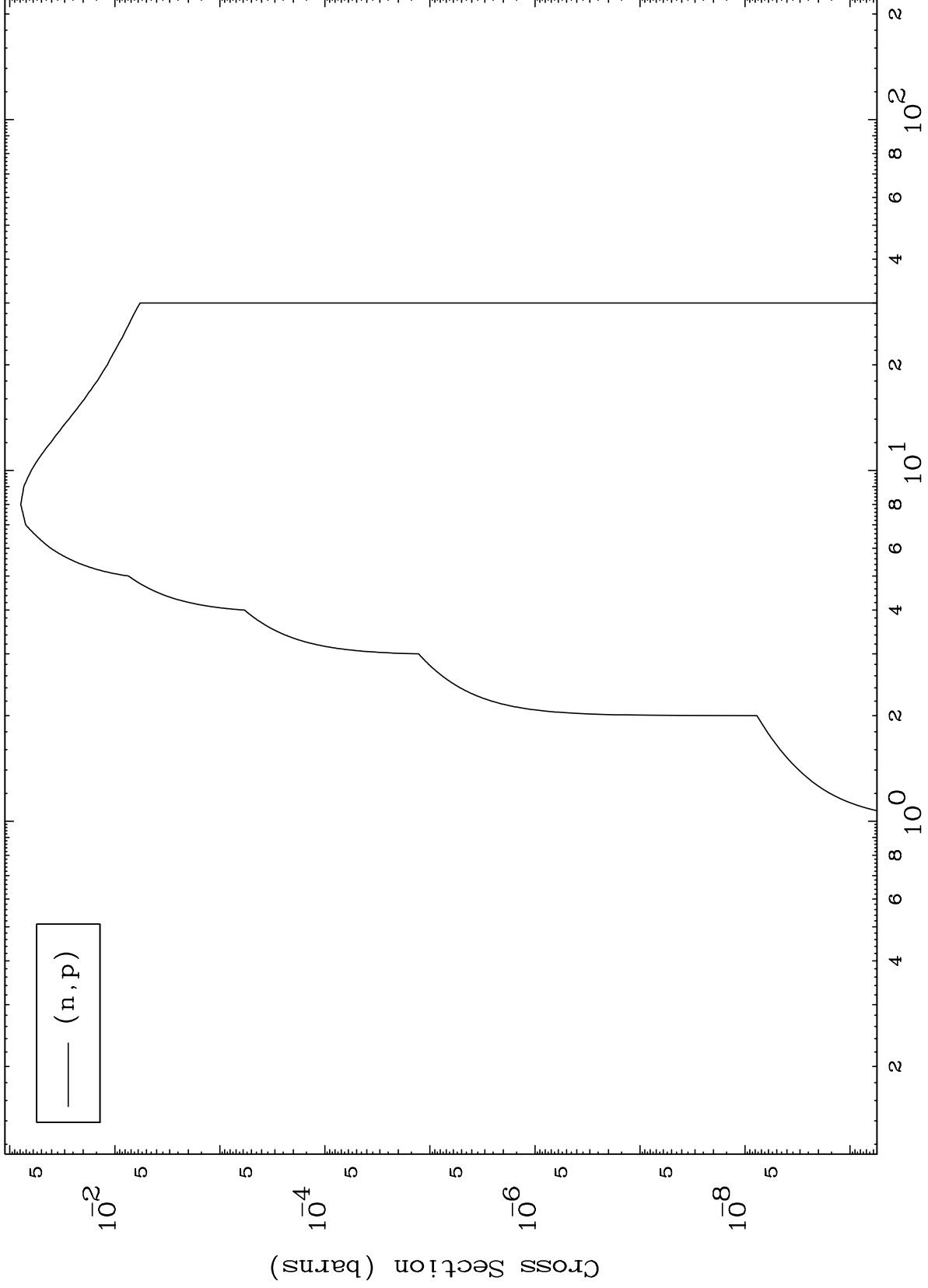


MAT 5147

(d,p) Levels

51-Sb-128m

0 Kelvin Cross Sections

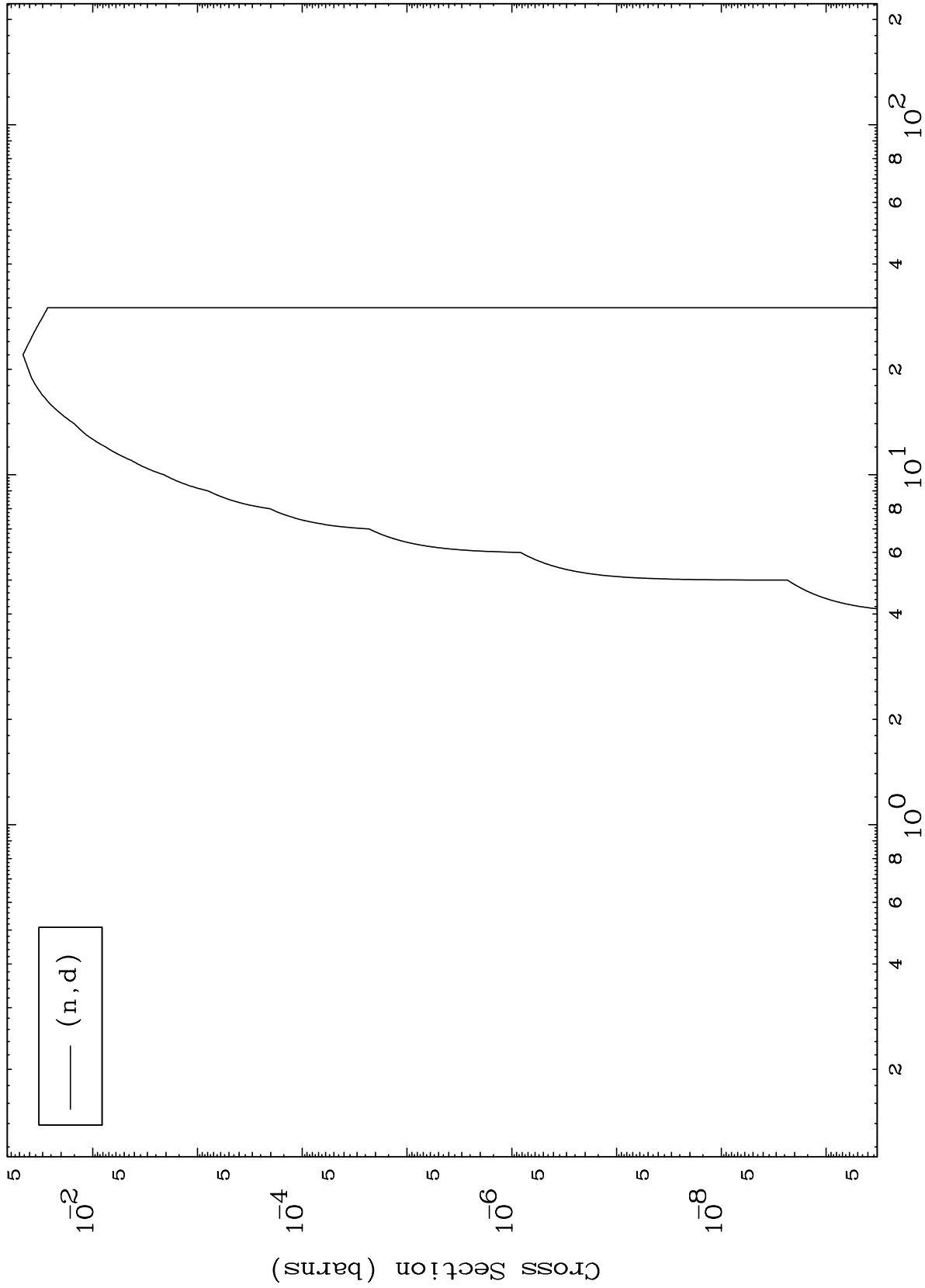


MAT 5147

(d,d) Levels

51-Sb-128m

0 Kelvin Cross Sections

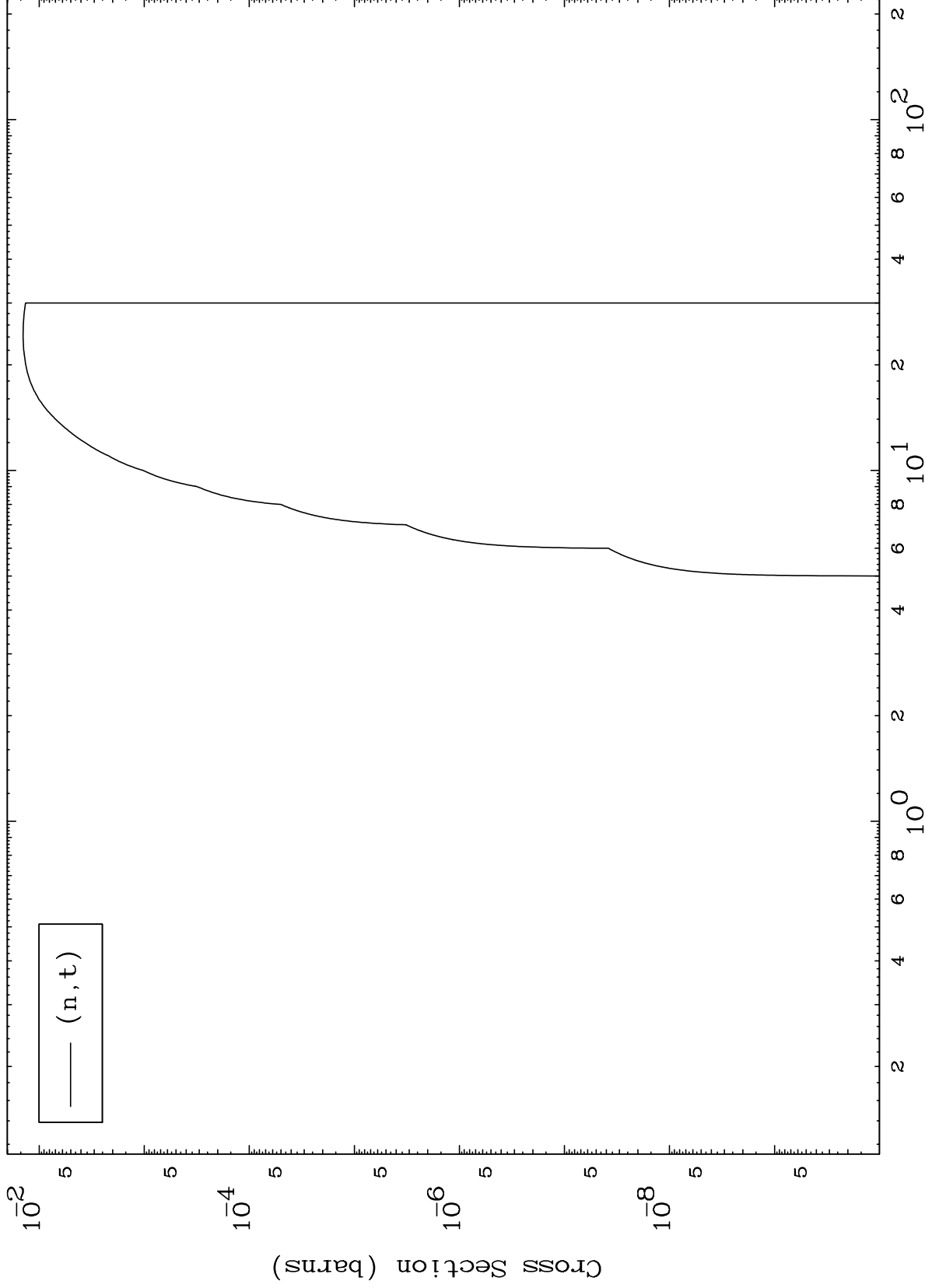


MAT 5147

(d, t) Levels

51-Sb-128m

0 Kelvin Cross Sections

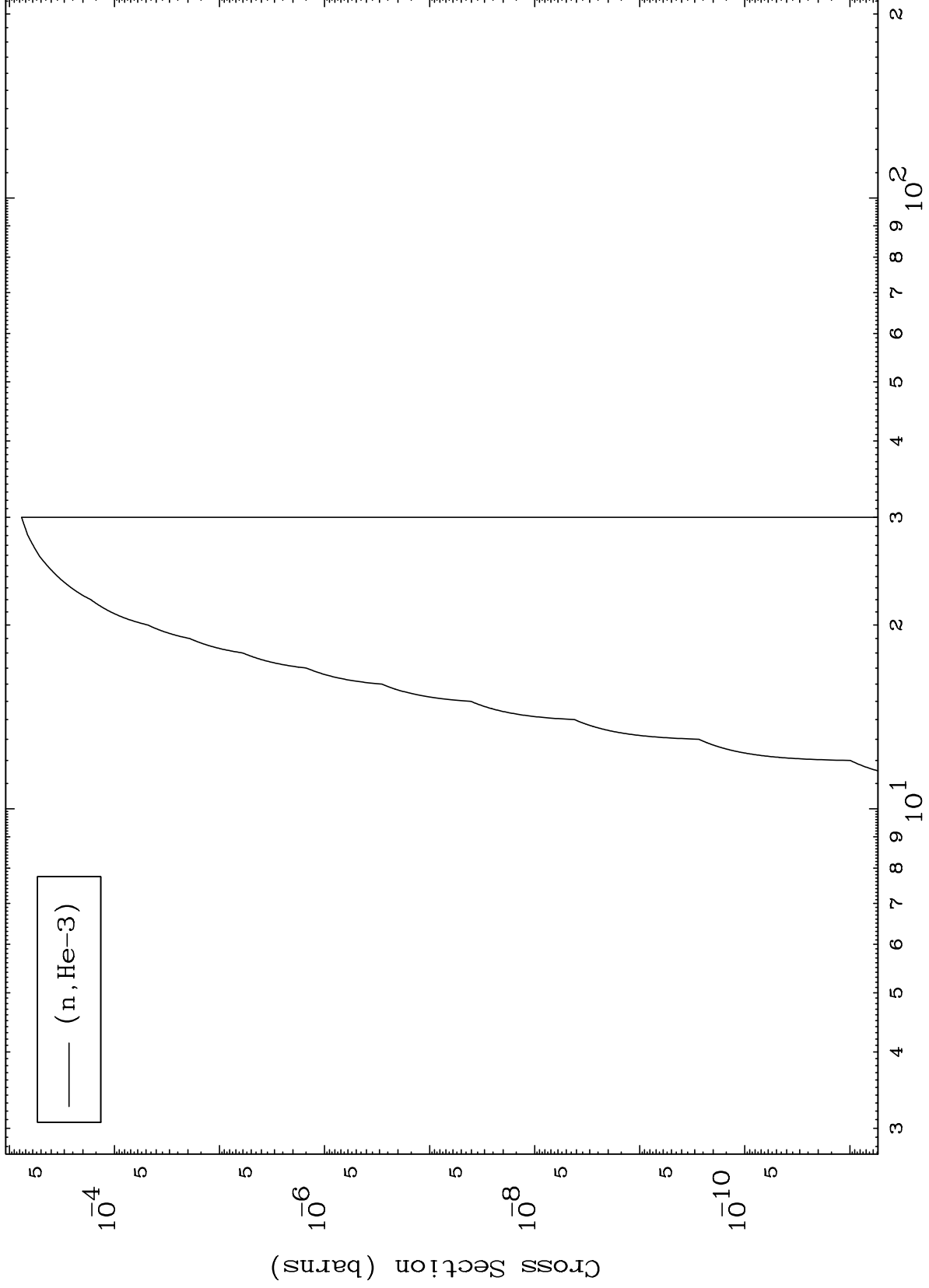


MAT 5147

(d,He3) Levels

51-Sb-128m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

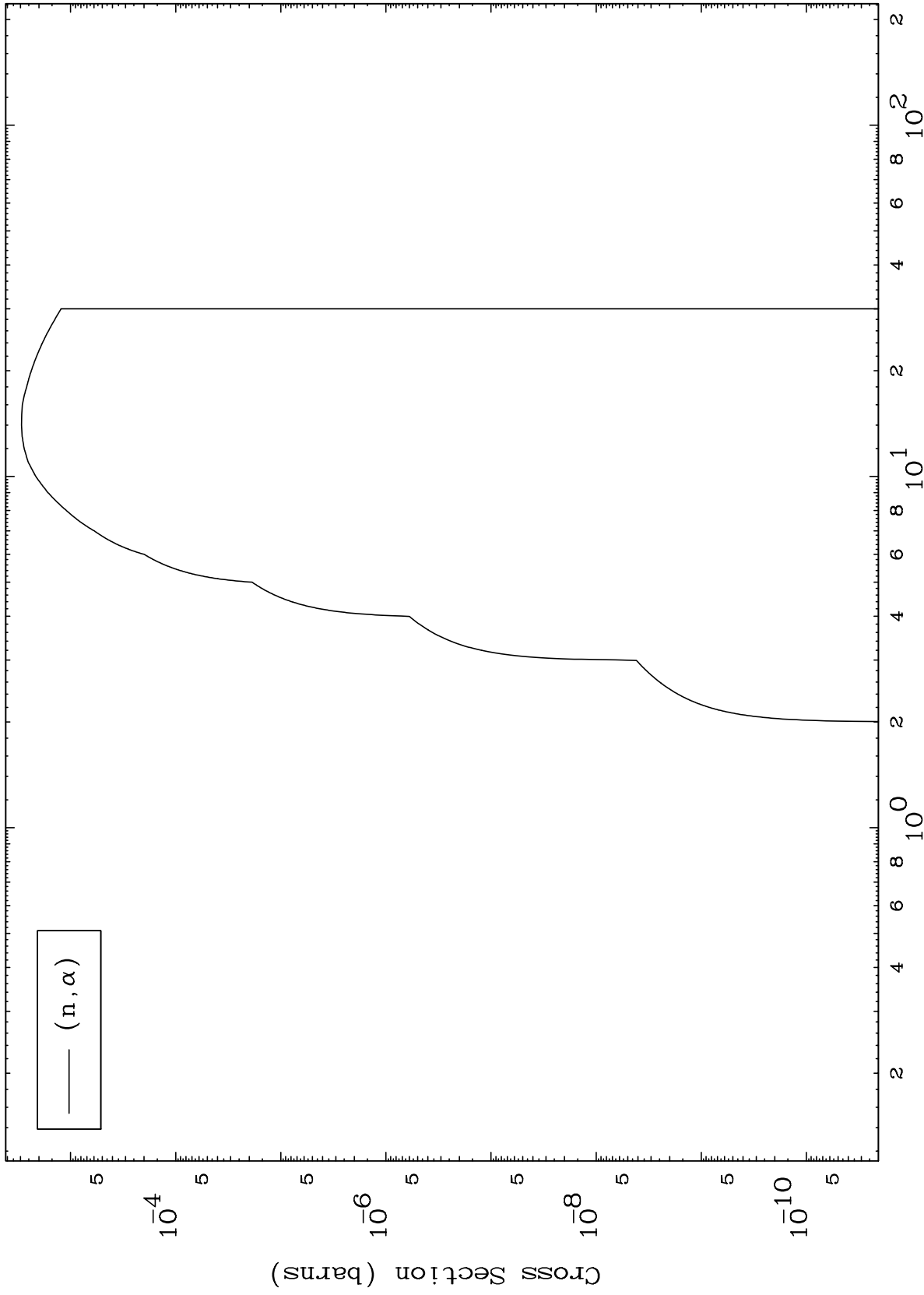
51-Sb-128m

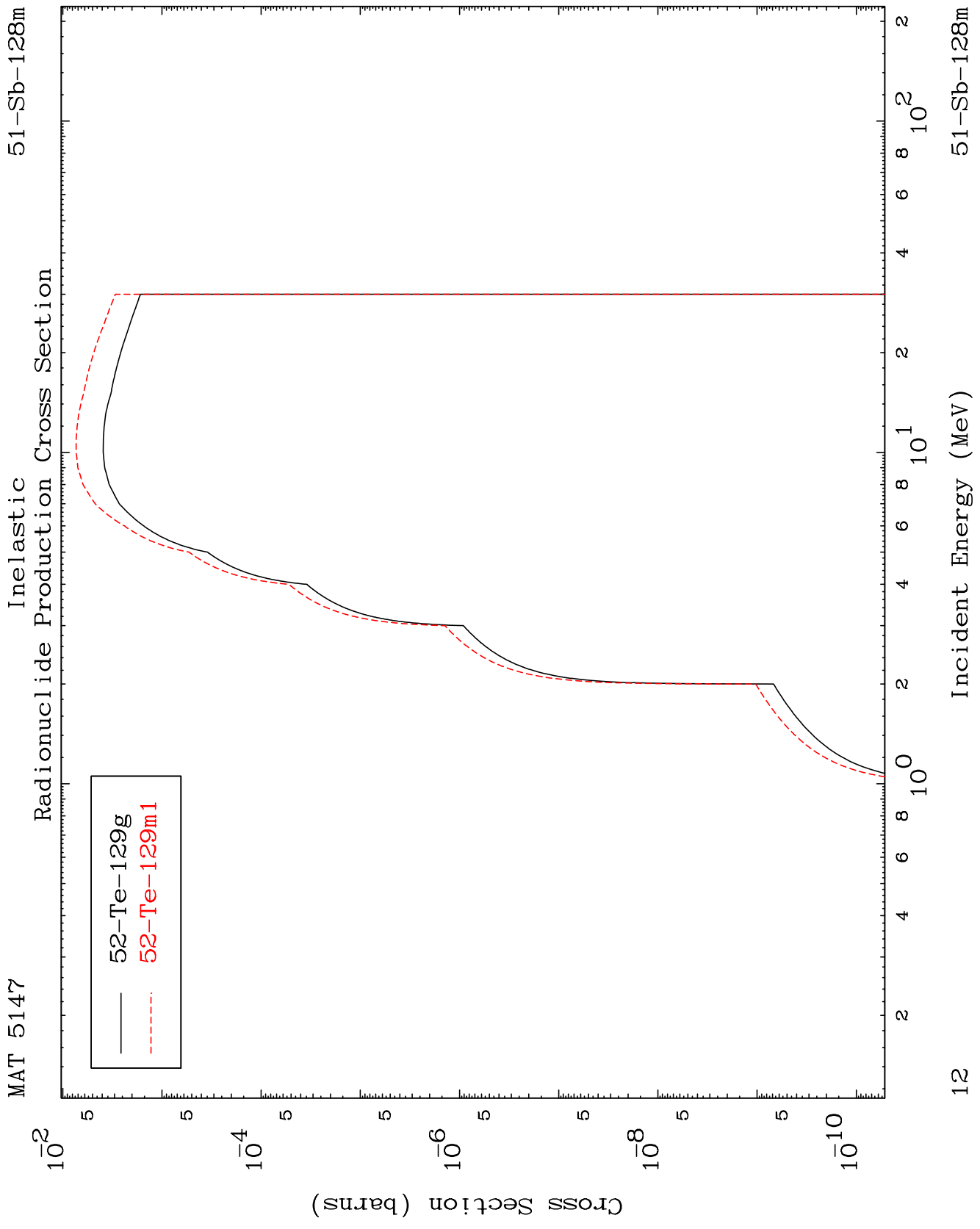
MAT 5147

(d, α) Levels

51-Sb-128m

0 Kelvin Cross Sections



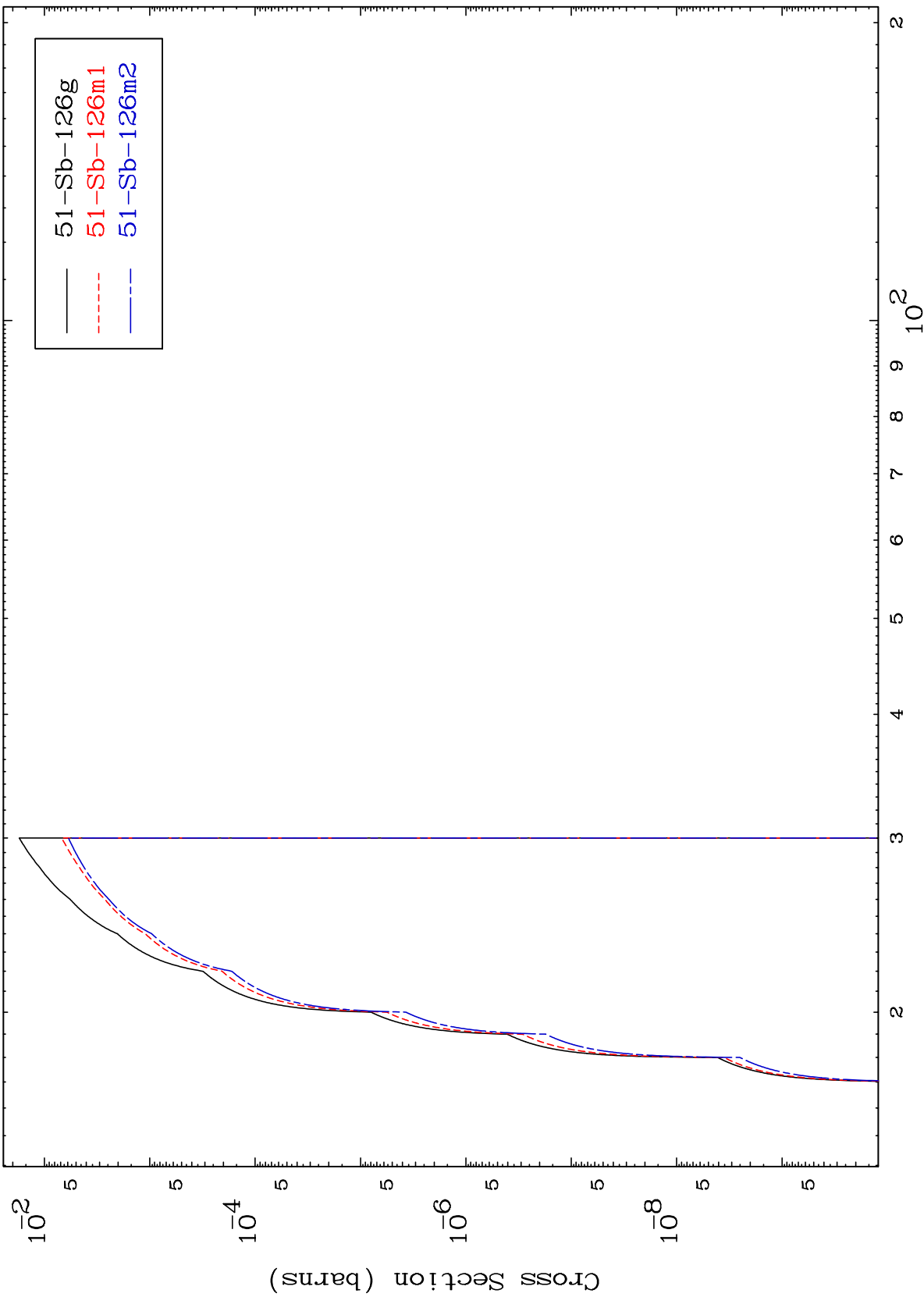


MAT 5147

(n,2n) d

51-Sb-128m

Radionuclide Production Cross Section

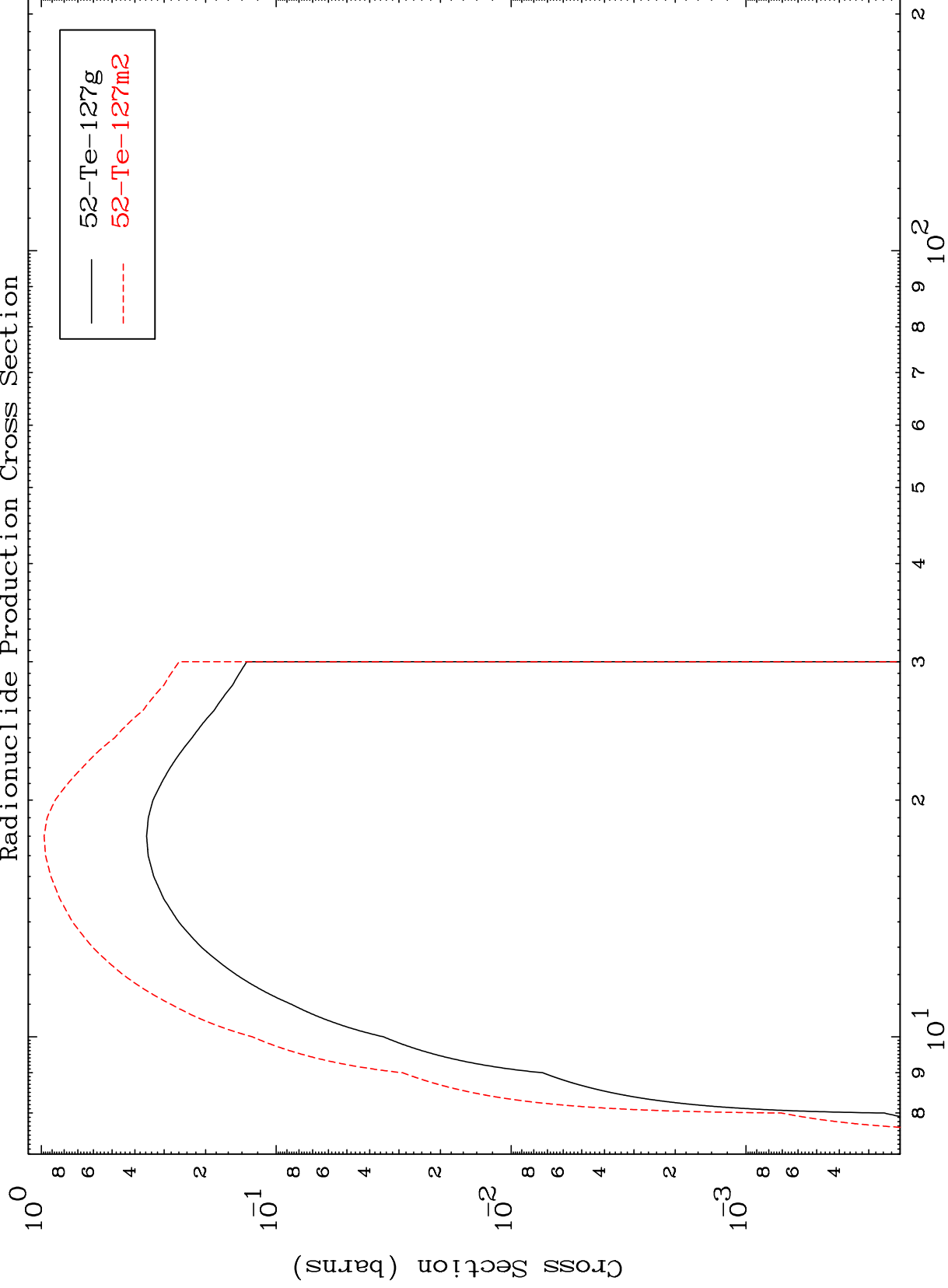


MAT 5147

(n,3n)

51-Sb-128m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

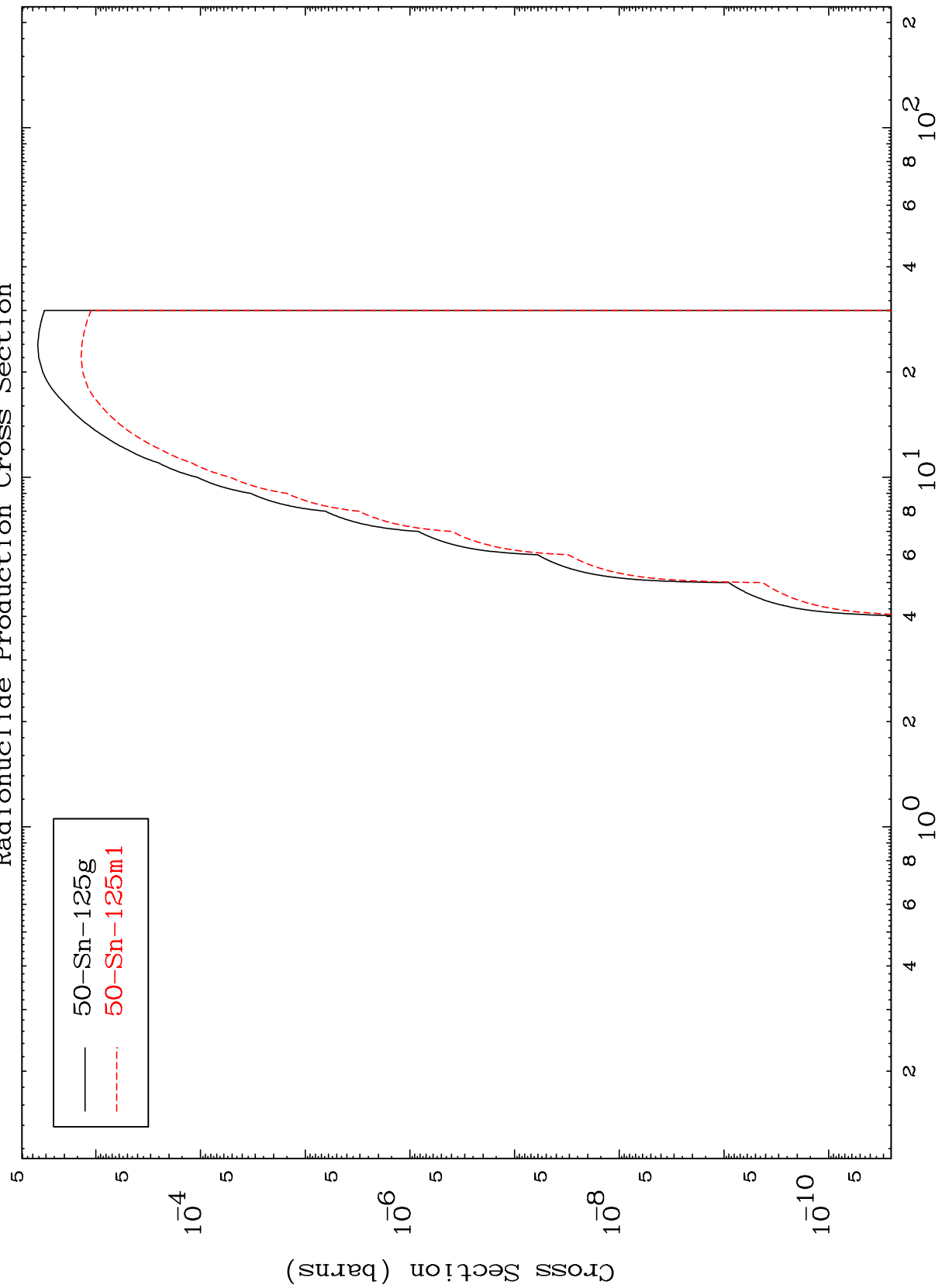
51-Sb-128m

MAT 5147

$(n, n') \alpha$

51-Sb-128m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

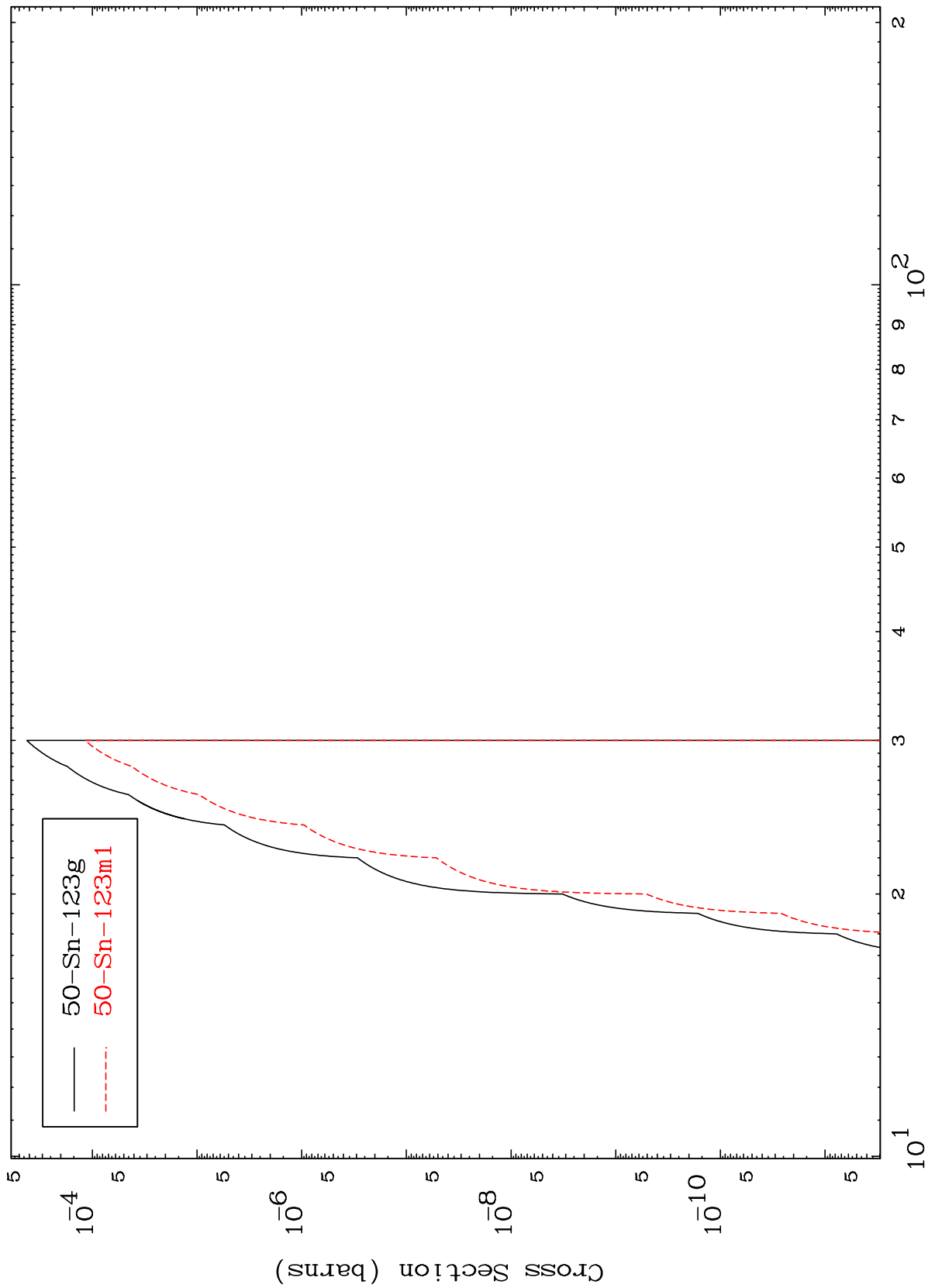
51-Sb-128m

MAT 5147

(n,3n) α

51-Sb-128m

Radionuclide Production Cross Section



Incident Energy (MeV)

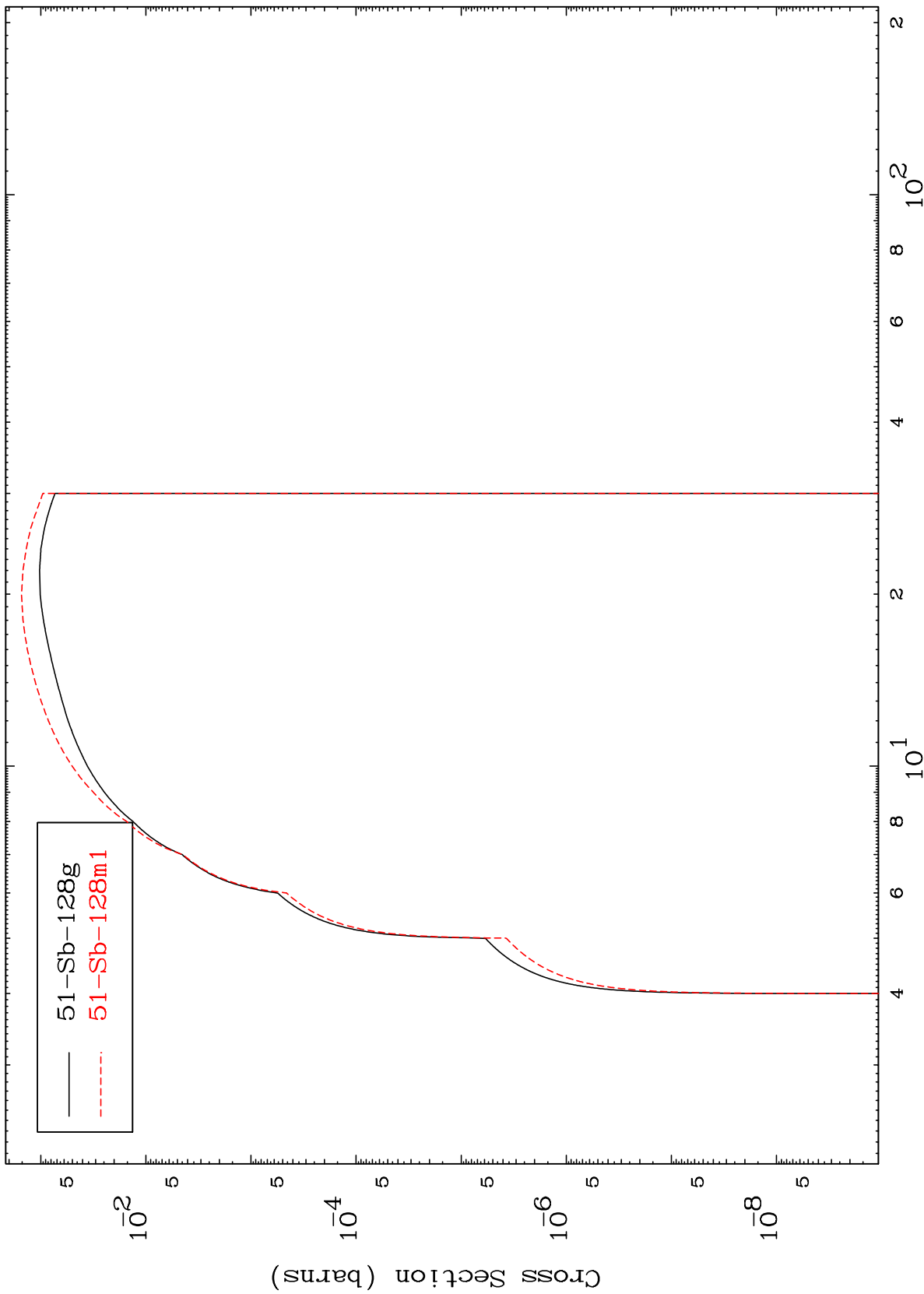
51-Sb-128m

16

MAT 5147

51-Sb-128m

Radionuclide Production Cross Section

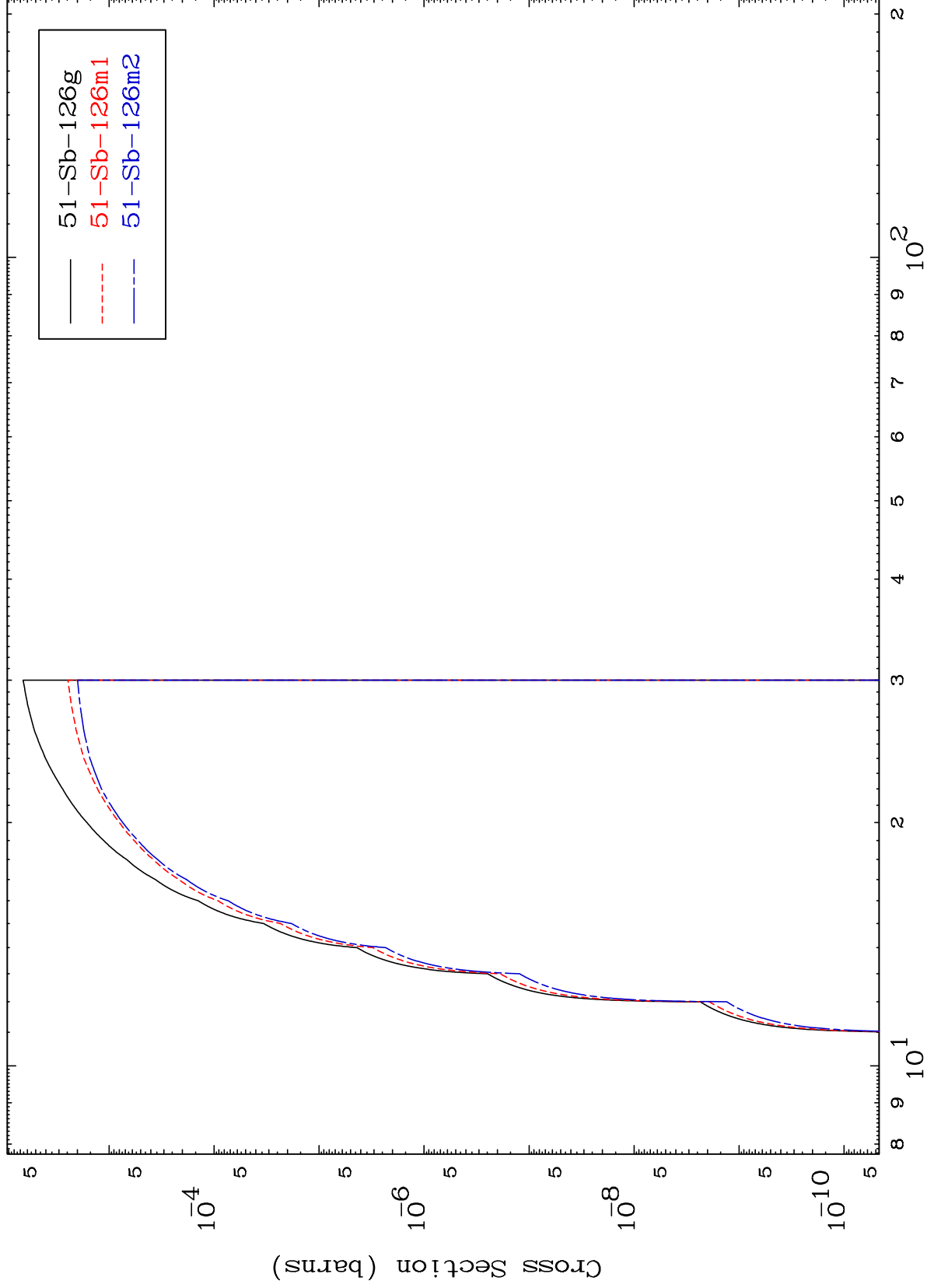


MAT 5147

(n,n') t

51-Sb-128m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

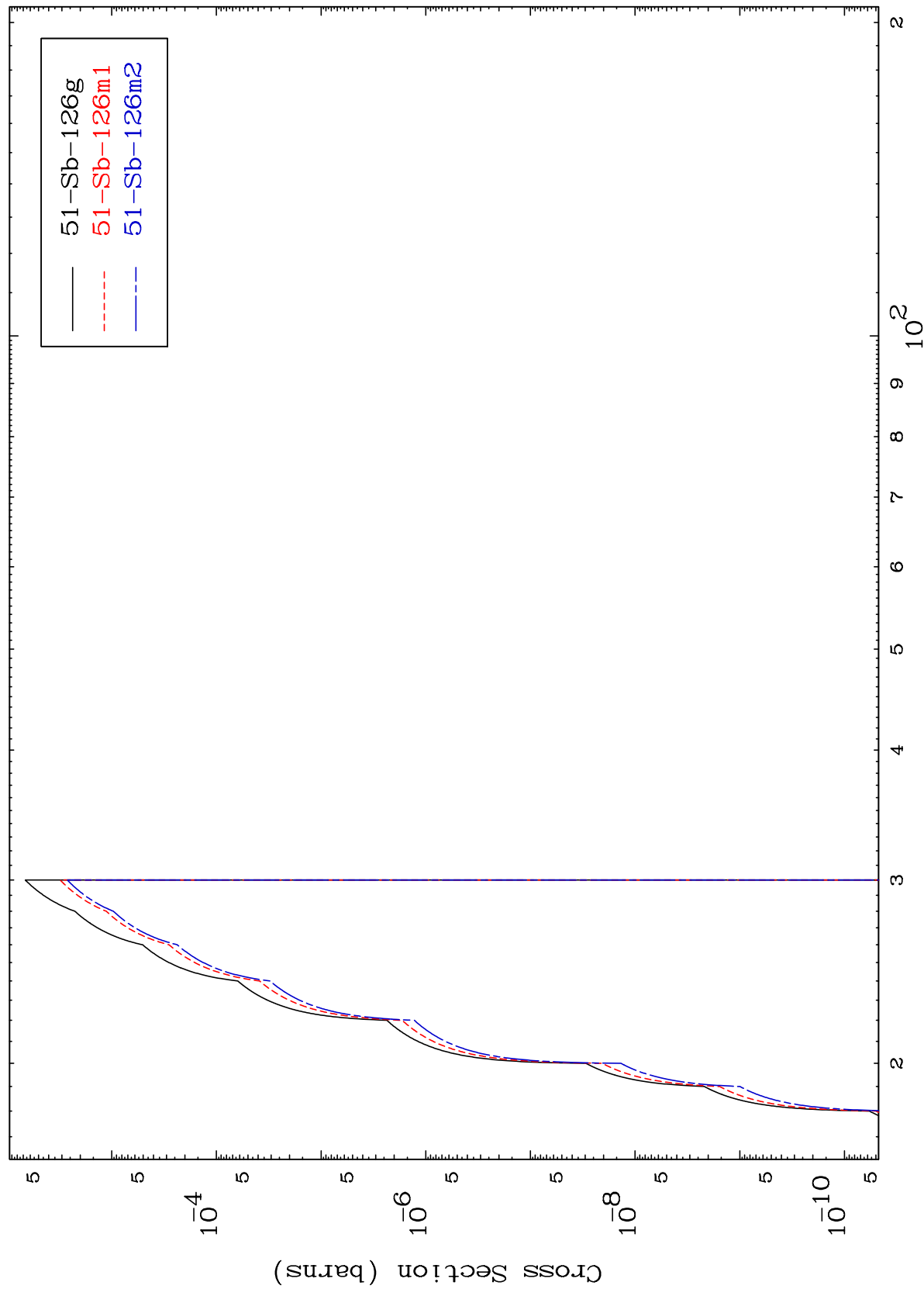
51-Sb-128m

MAT 5147

(n,3n) p

51-Sb-128m

Radionuclide Production Cross Section



19

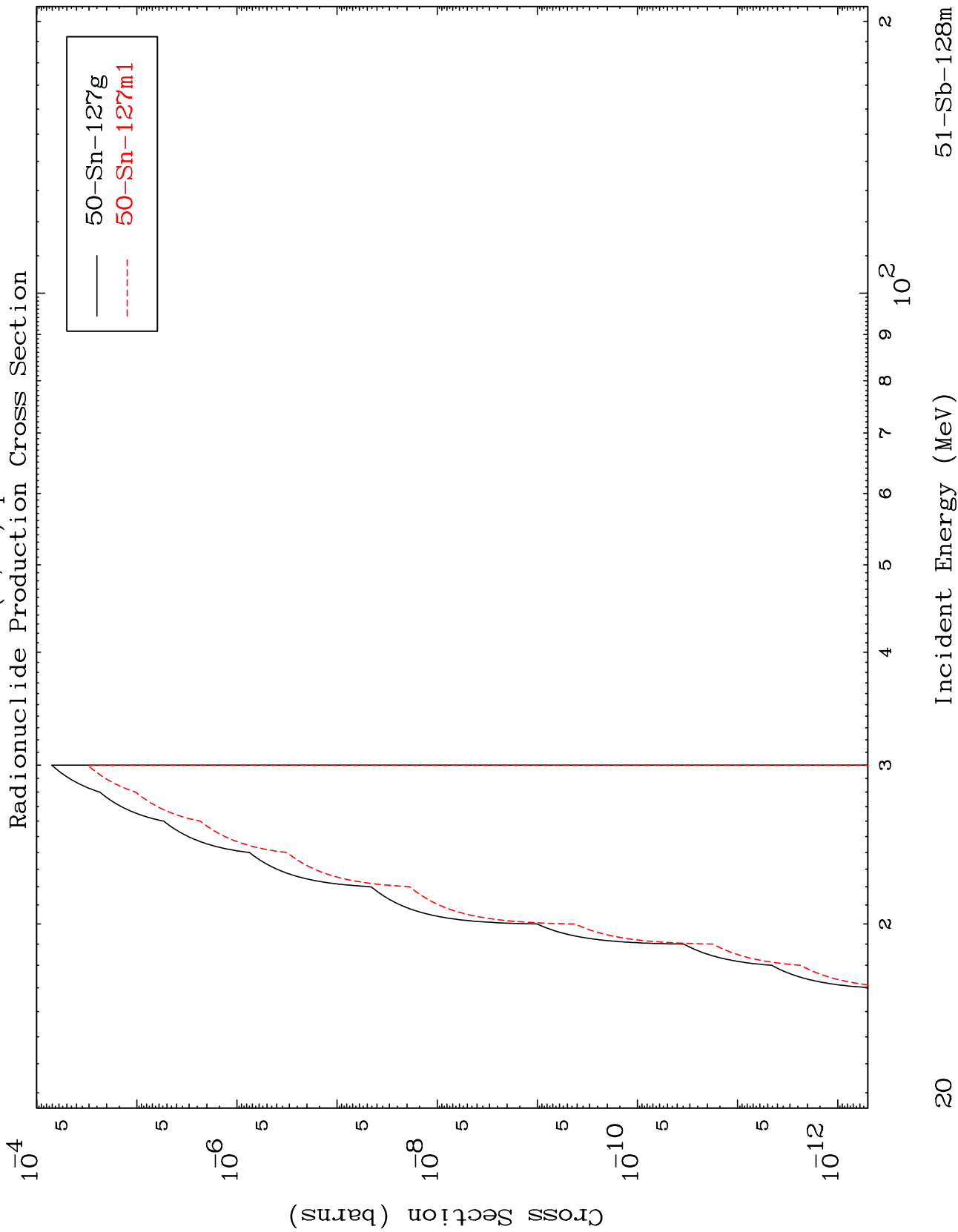
Incident Energy (MeV)

51-Sb-128m

MAT 5147

(n,2n) p

51-Sb-128m



20

Incident Energy (MeV)

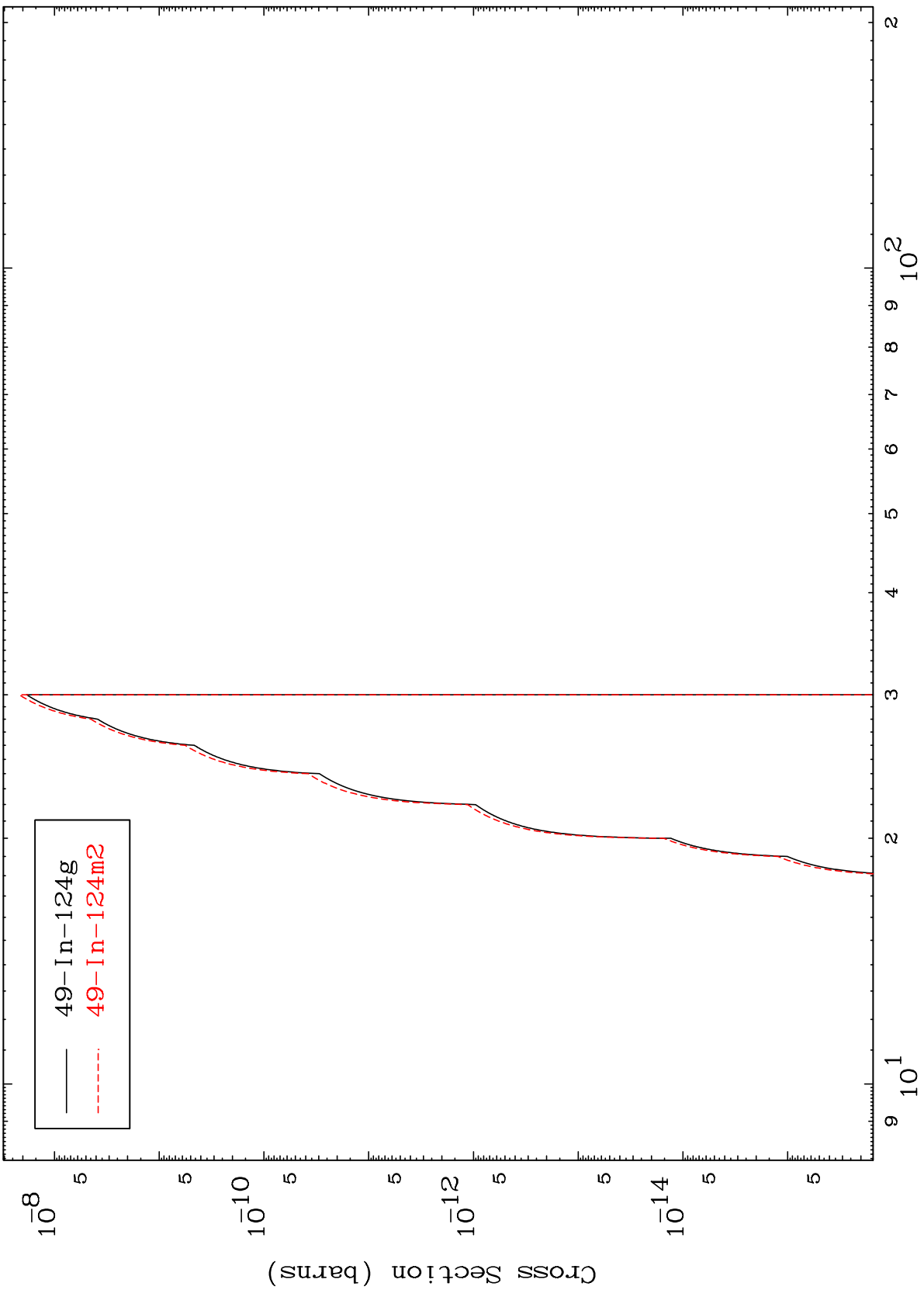
51-Sb-128m

MAT 5147

(n,n') p α

51-Sb-128m

Radionuclide Production Cross Section

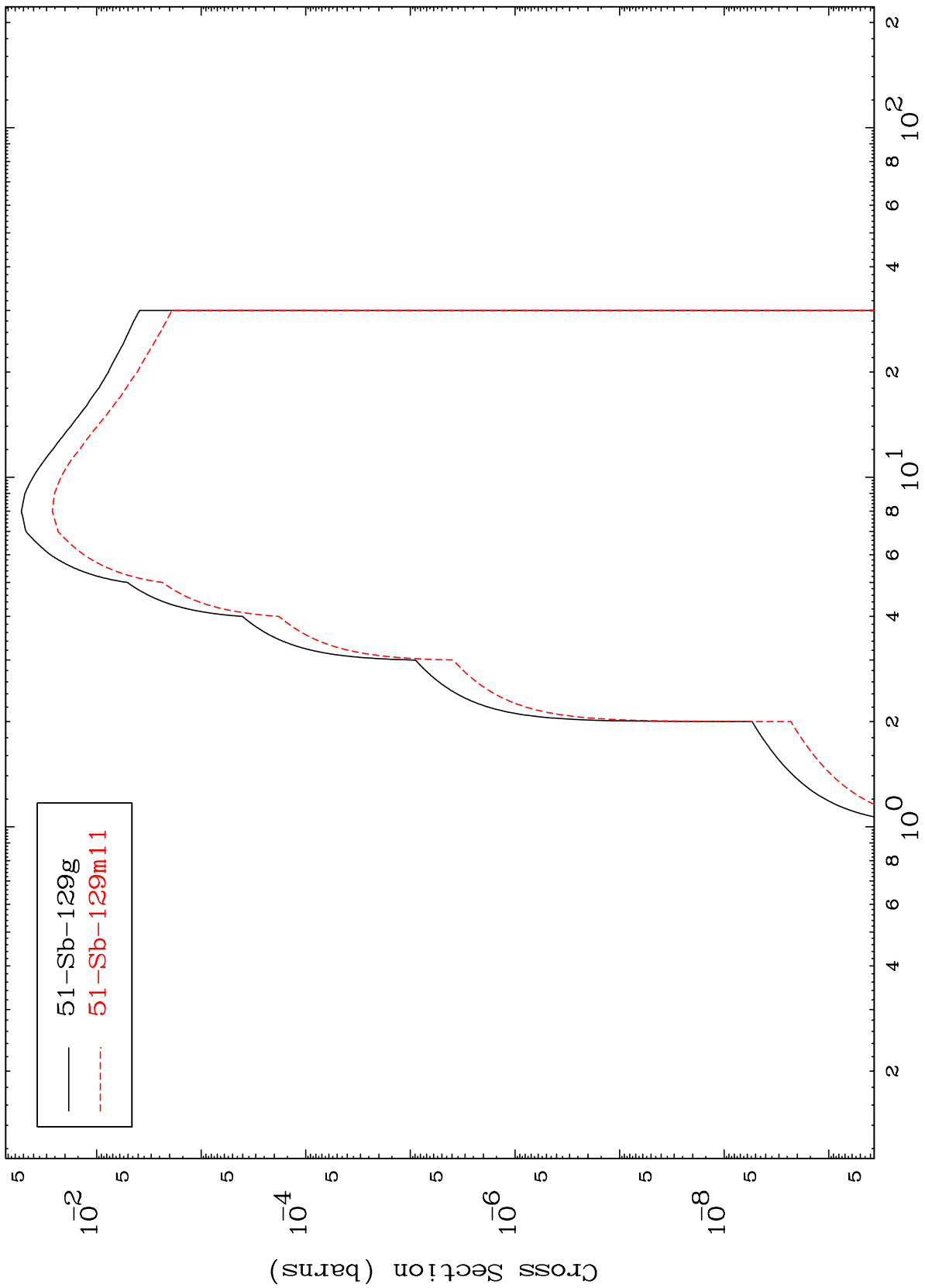


— 49-In-124g
- - - 49-In-124m2

MAT 5147

51-Sb-128m

(n,p)
Radionuclide Production Cross Section



22

51-Sb-128m

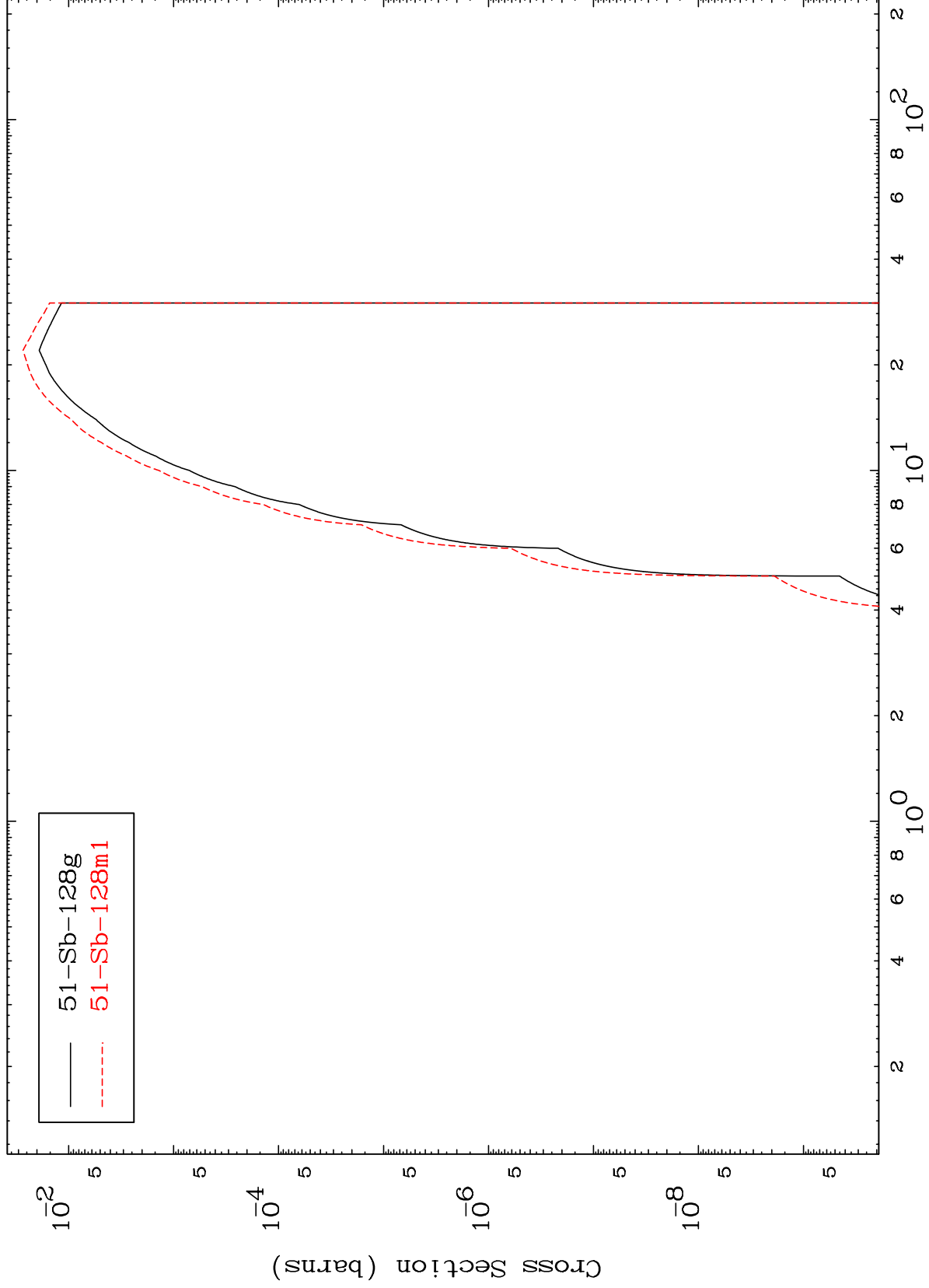
Incident Energy (MeV)

MAT 5147

(n, d)

51-Sb-128m

Radionuclide Production Cross Section

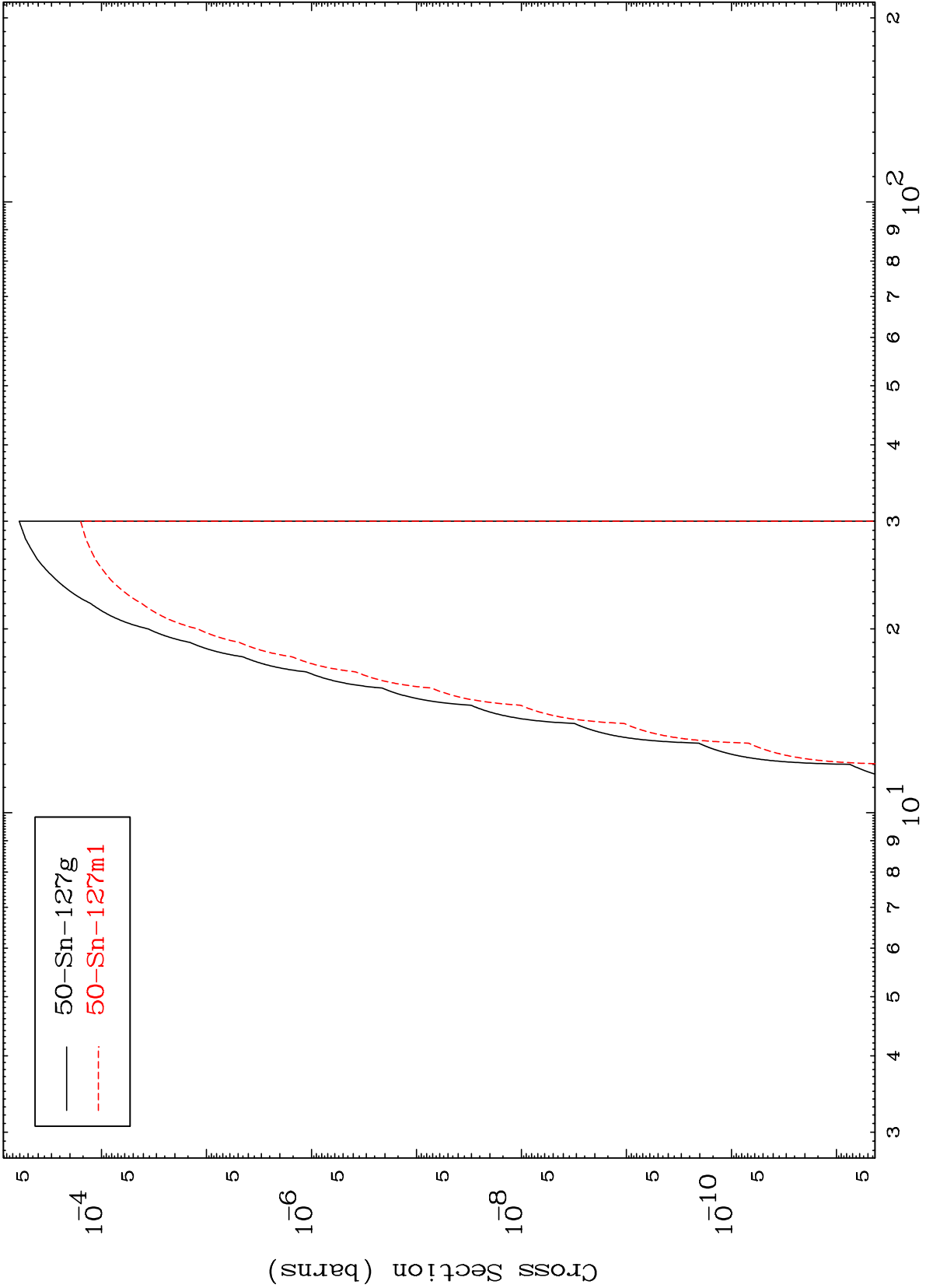


MAT 5147

(n,He-3)

51-Sb-128m

Radionuclide Production Cross Section



24

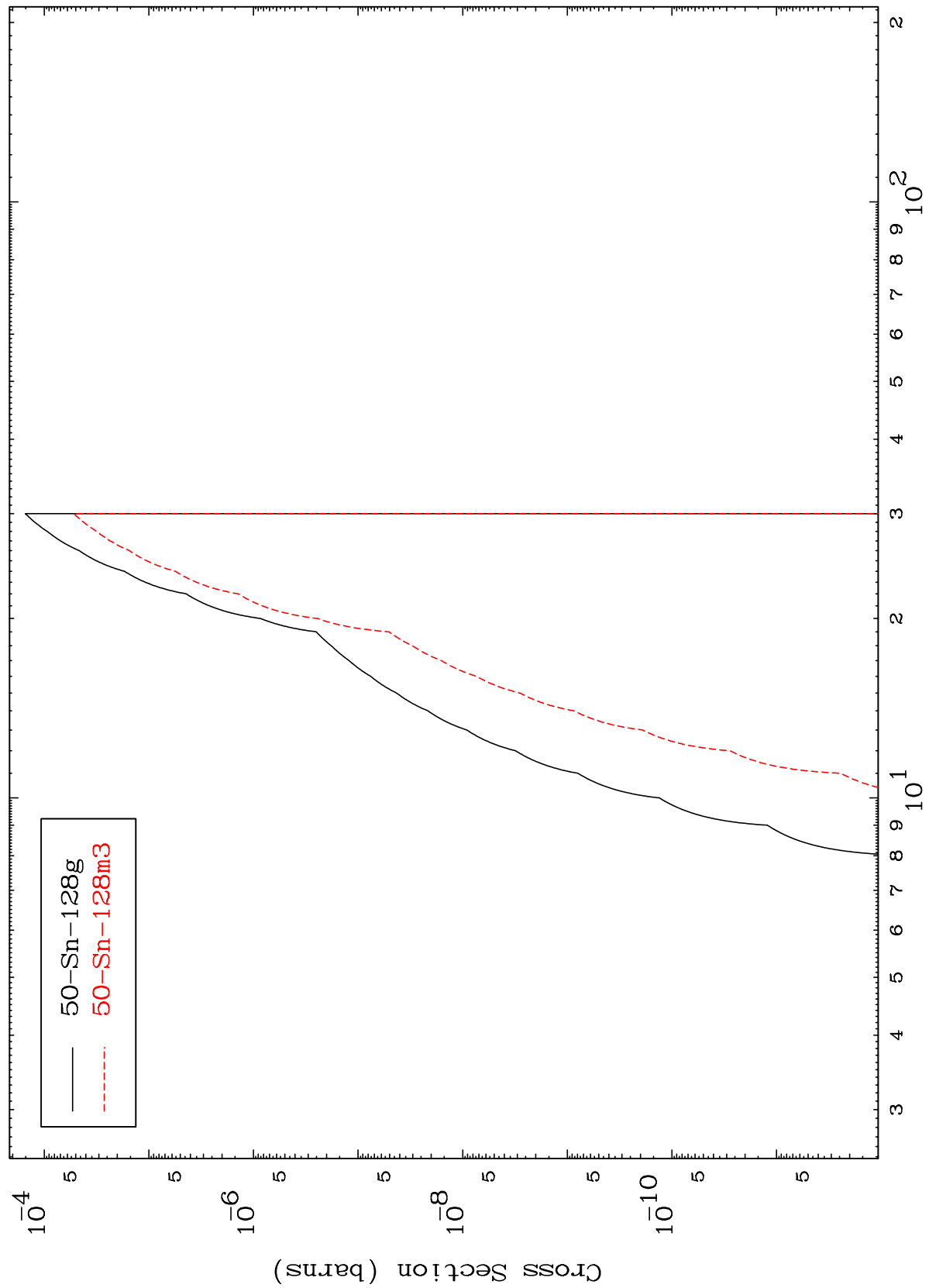
Incident Energy (MeV)

51-Sb-128m

MAT 5147

51-Sb-128m

(n,2p)
Radionuclide Production Cross Section



25

51-Sb-128m

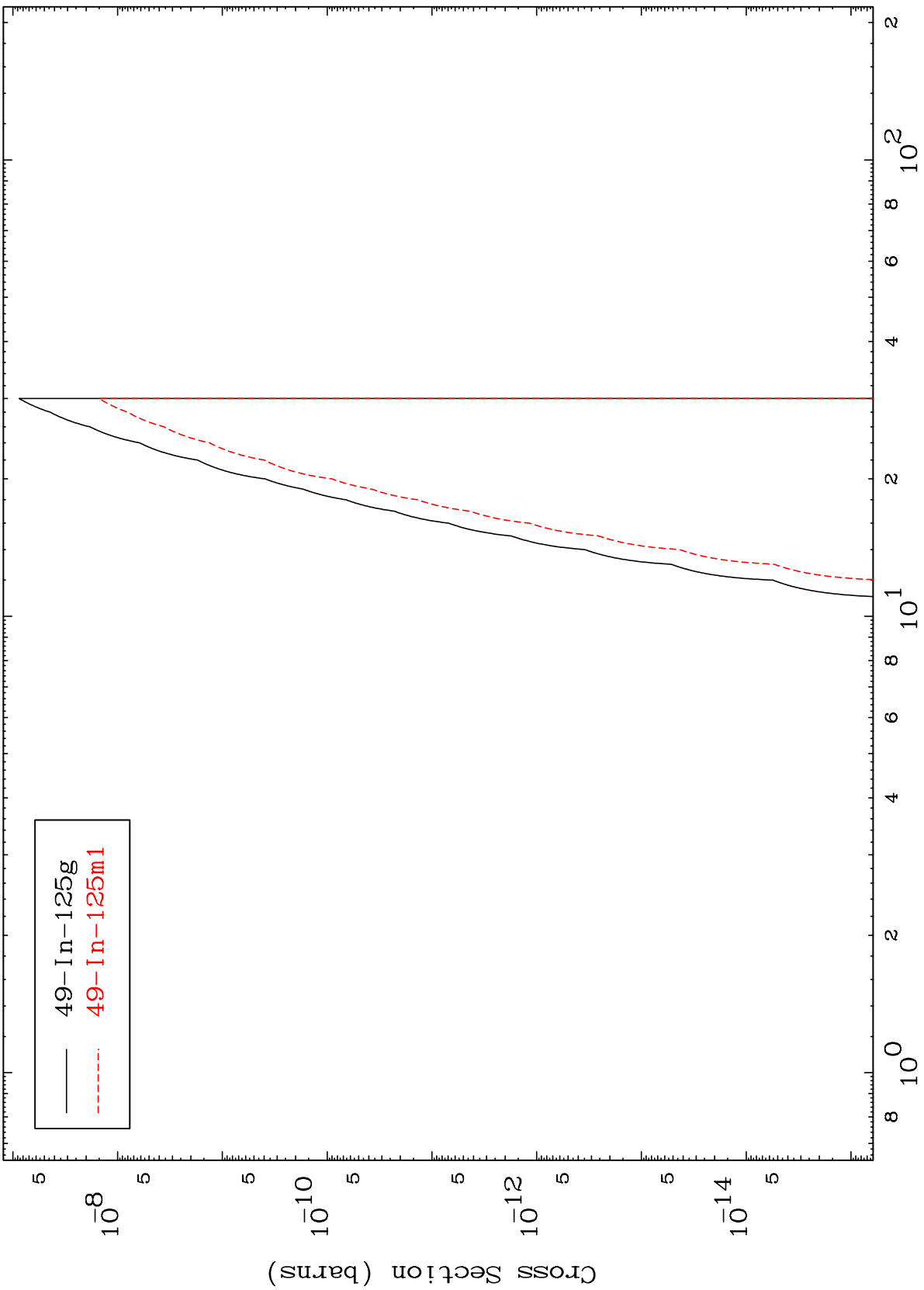
Incident Energy (MeV)

MAT 5147

(n,p) α

51-Sb-128m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

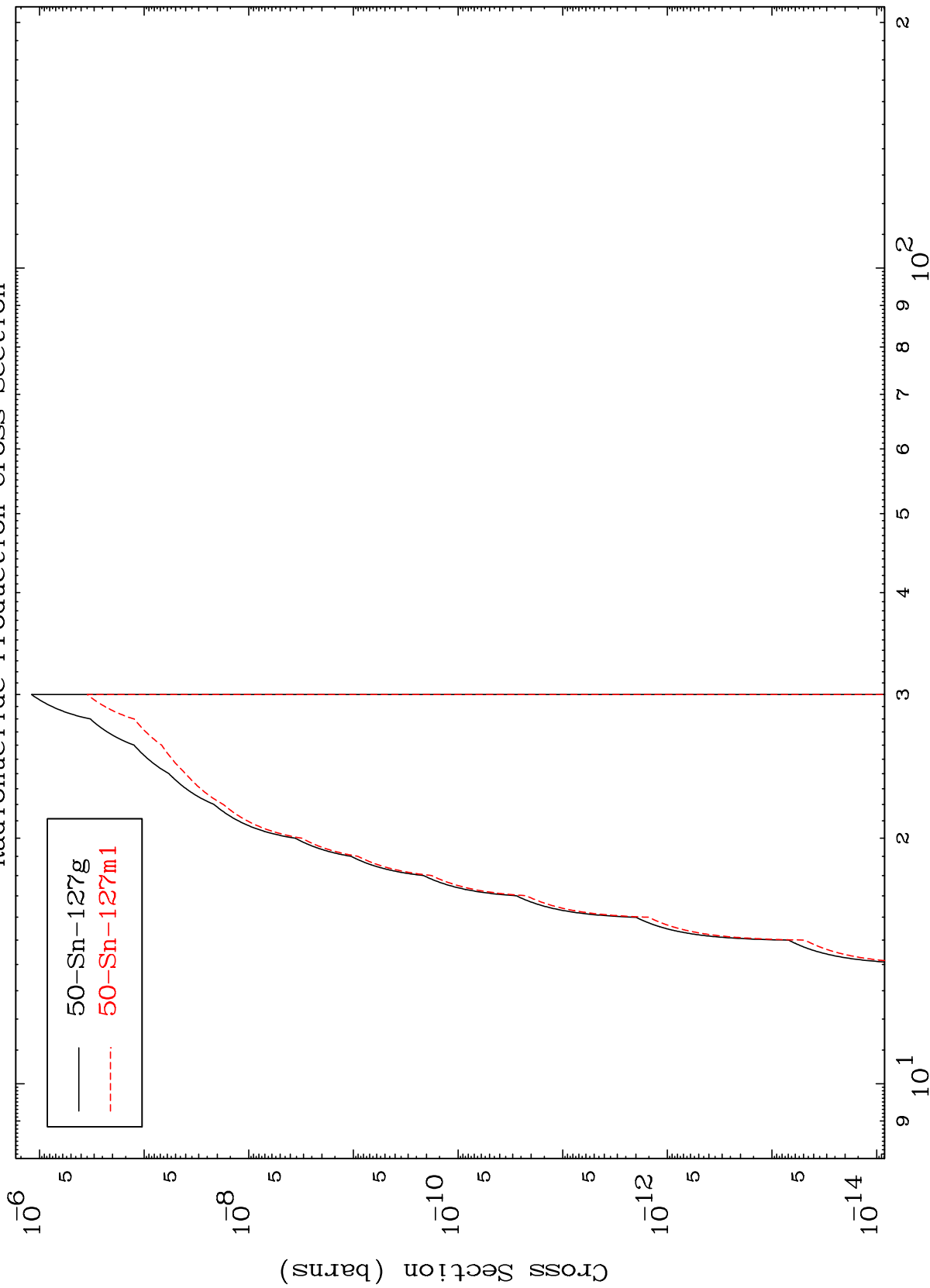
51-Sb-128m

MAT 5147

(n,p) d

51-Sb-128m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

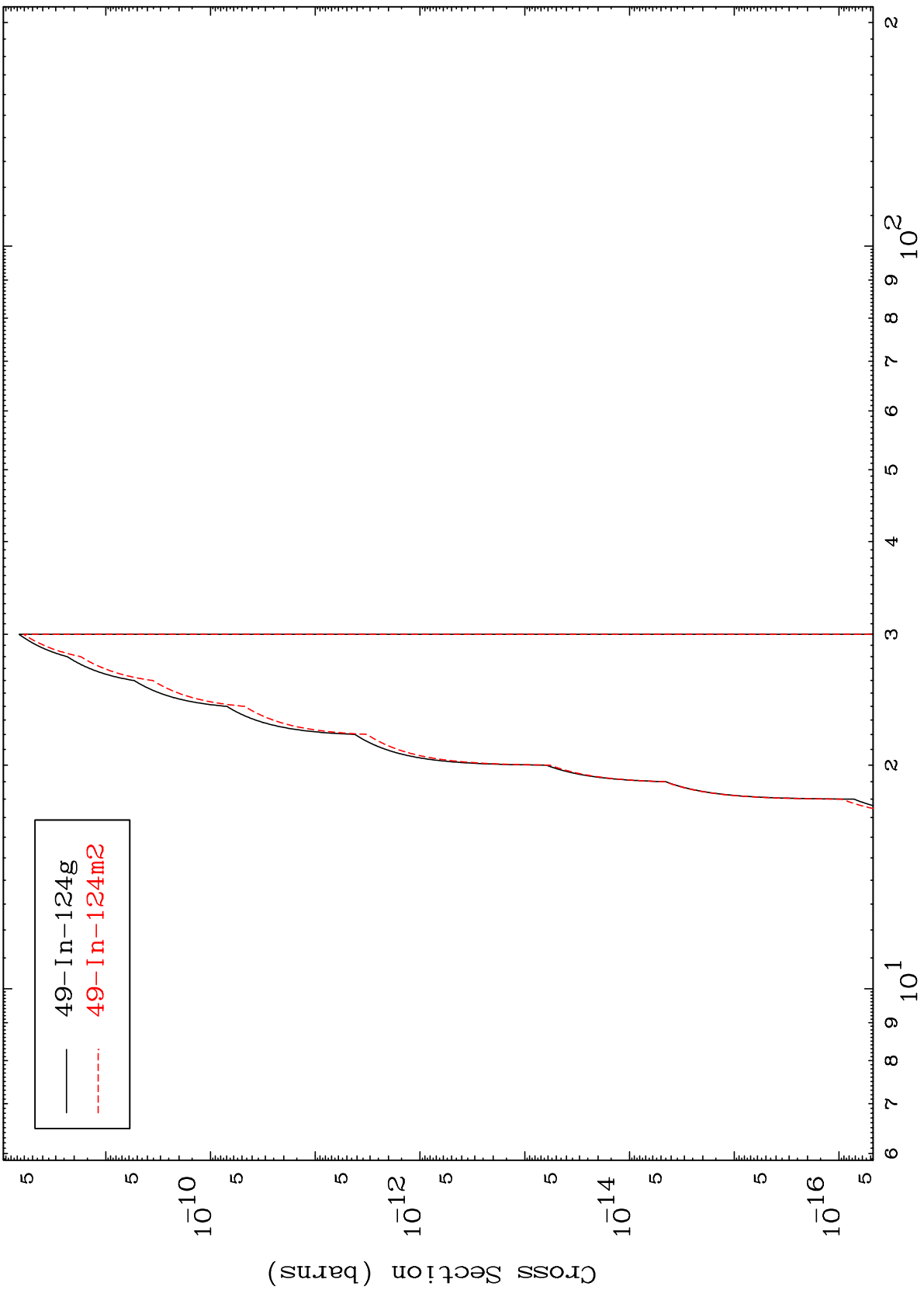
51-Sb-128m

MAT 5147

51-Sb-128m

(n,d) α

Radionuclide Production Cross Section



28

Incident Energy (MeV)

51-Sb-128m