

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

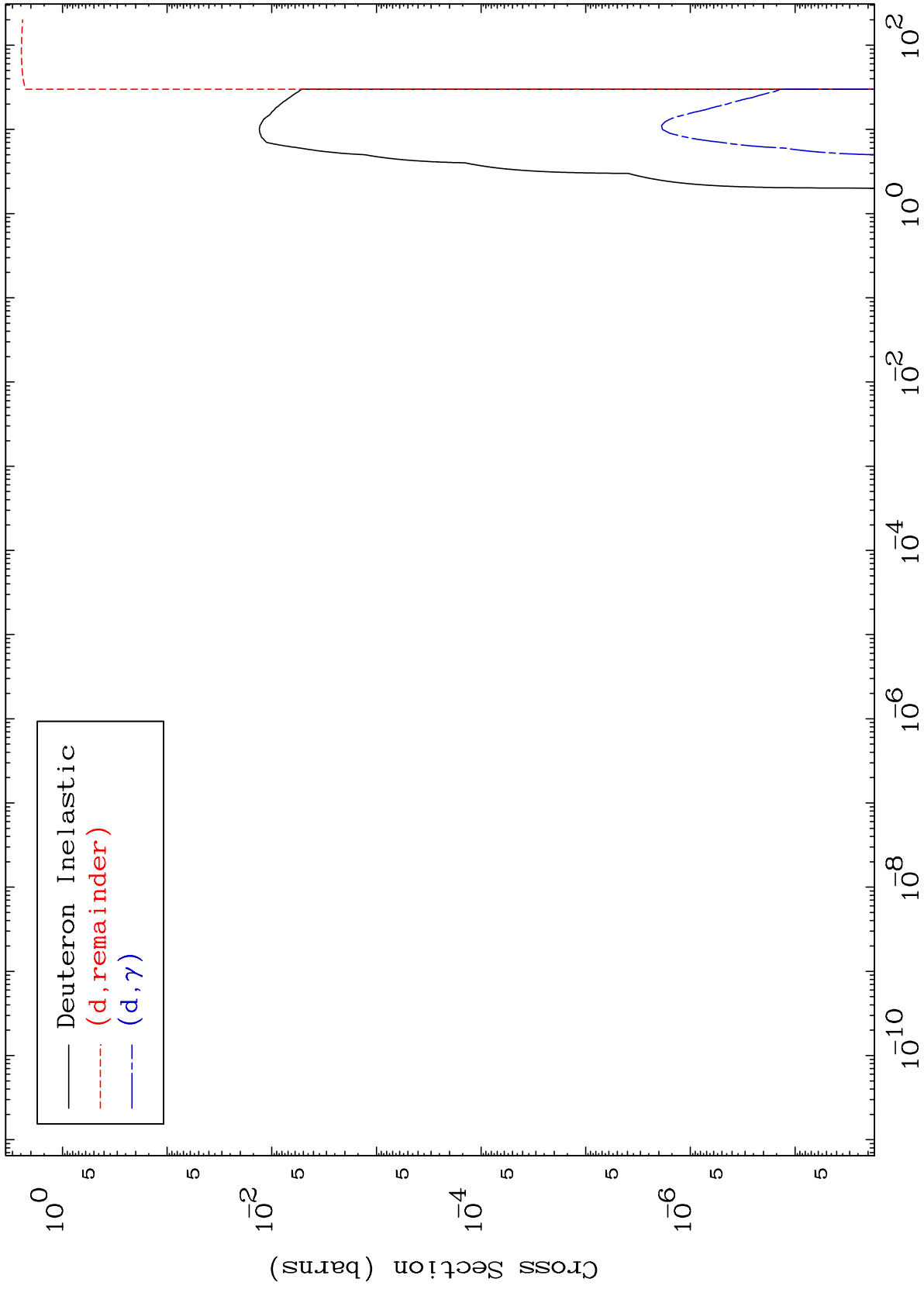
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5147

Deuteron Major
0 Kelvin Cross Sections

51-Sb-128



1

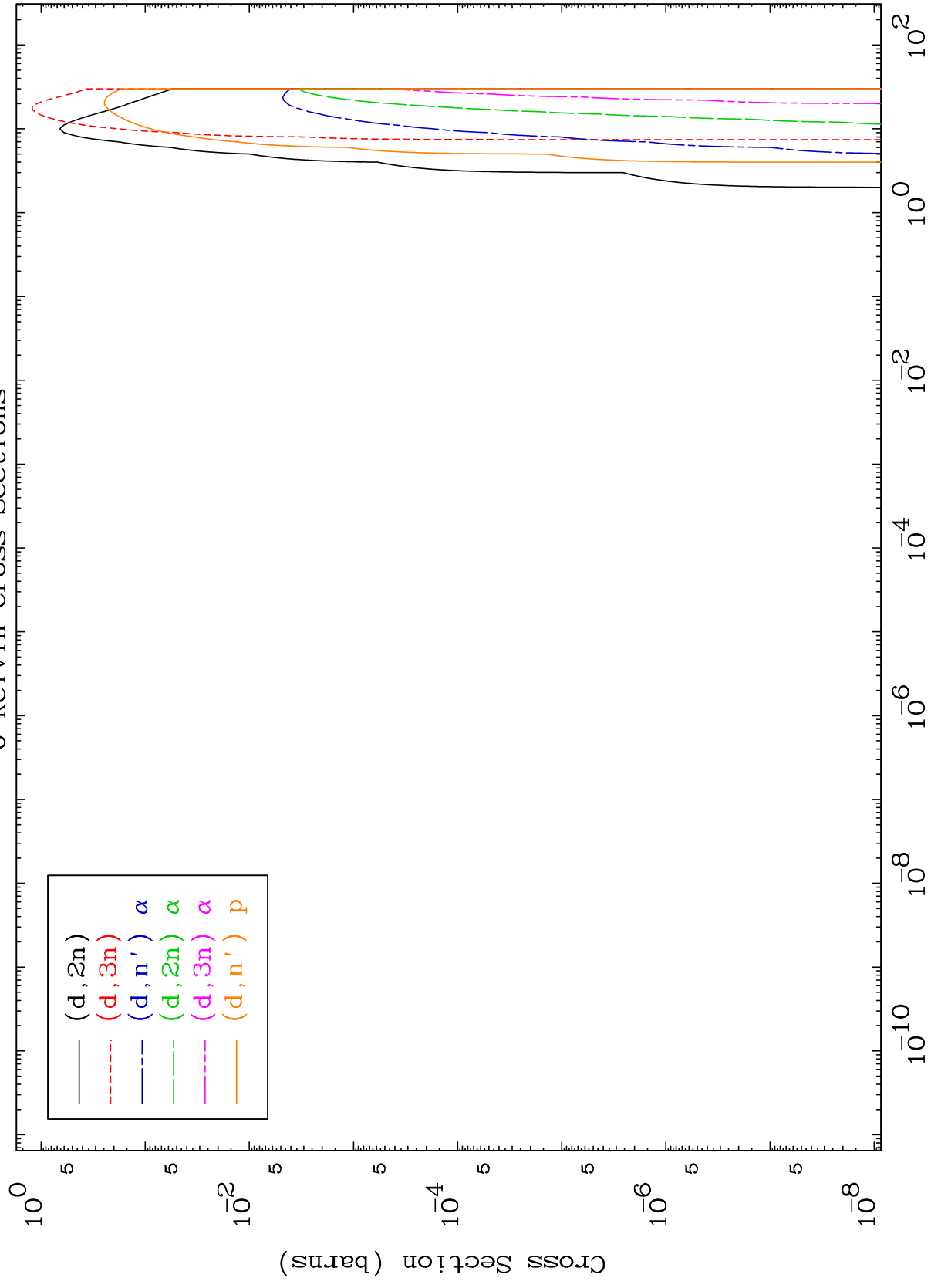
Incident Energy (MeV)

51-Sb-128

MAT 5147

Deuteron Neutron Production
0 Kelvin Cross Sections

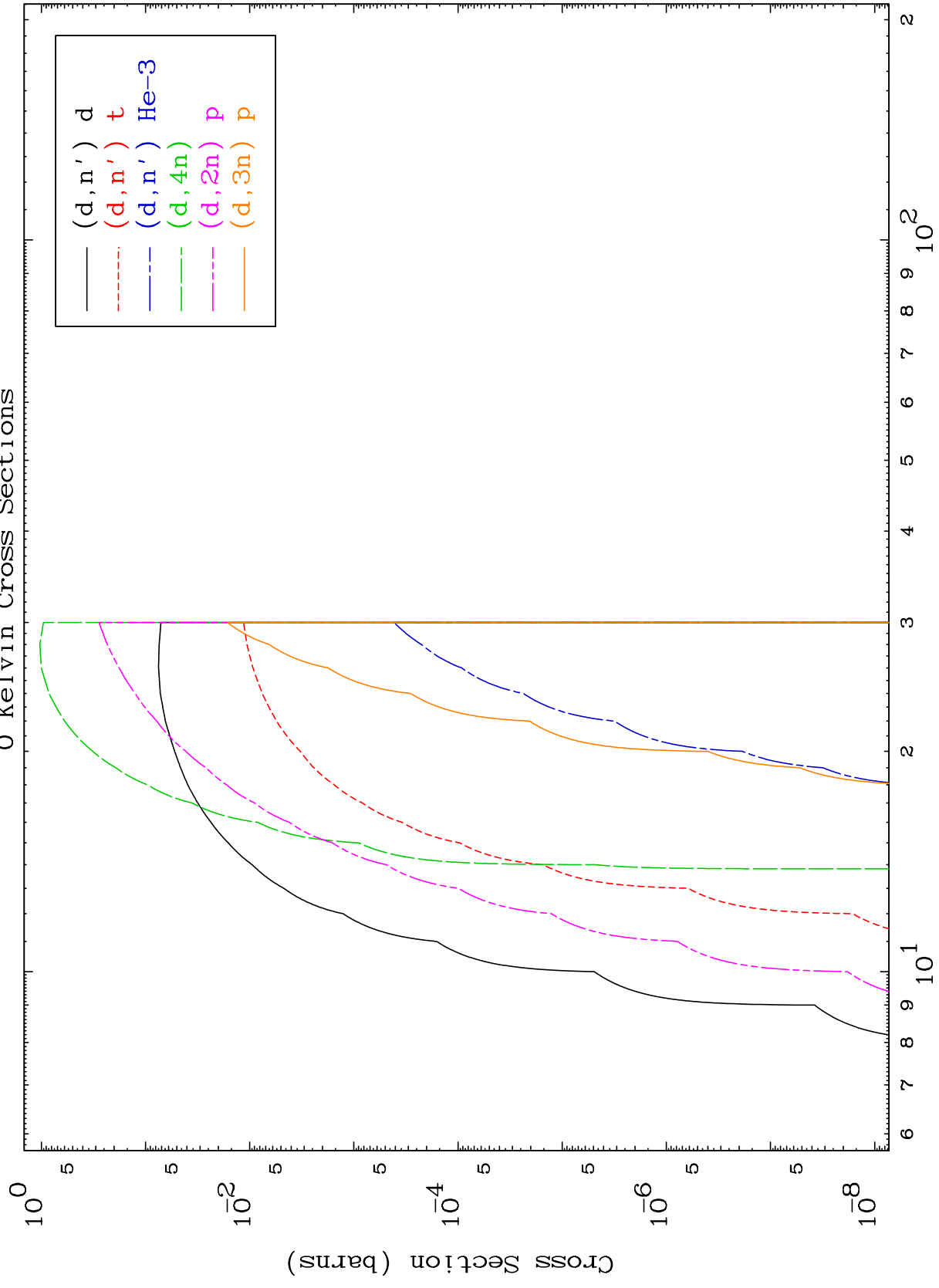
51-Sb-128



2

Incident Energy (MeV)

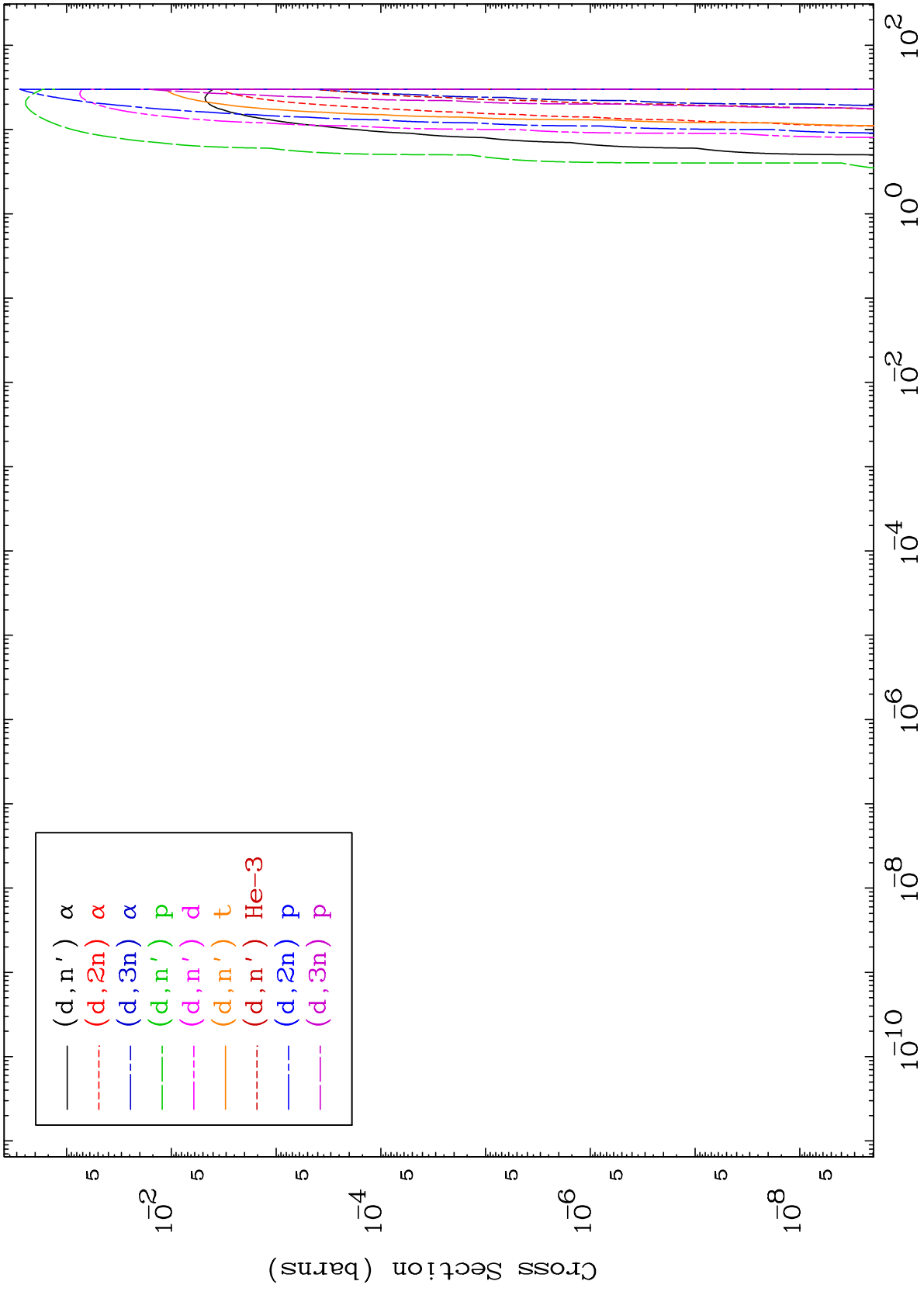
51-Sb-128



MAT 5147

Deuteron Charged Particle
0 Kelvin Cross Sections

51-Sb-128

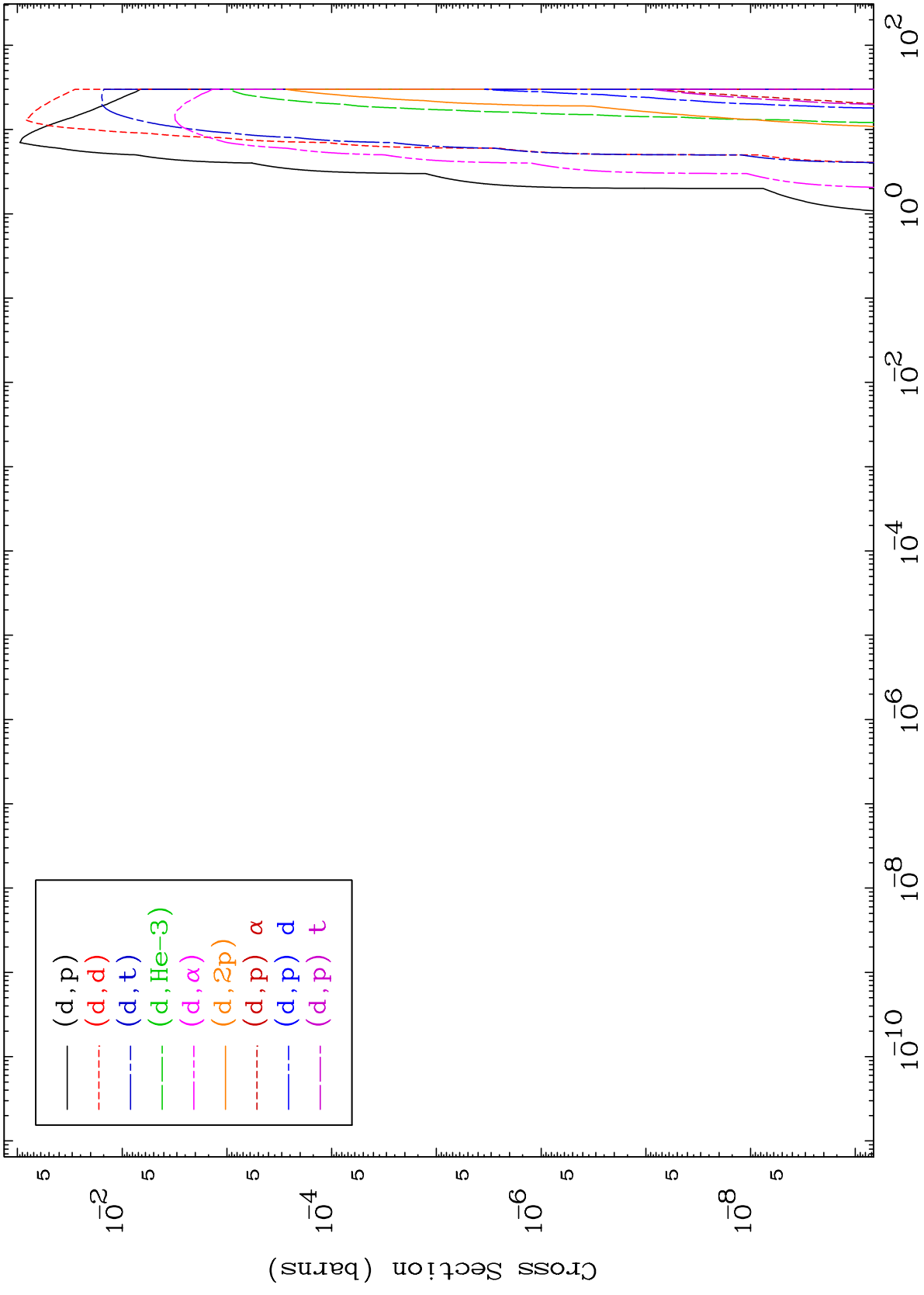


51-Sb-128

MAT 5147

Deuteron Charged Particle
0 Kelvin Cross Sections

51-Sb-128



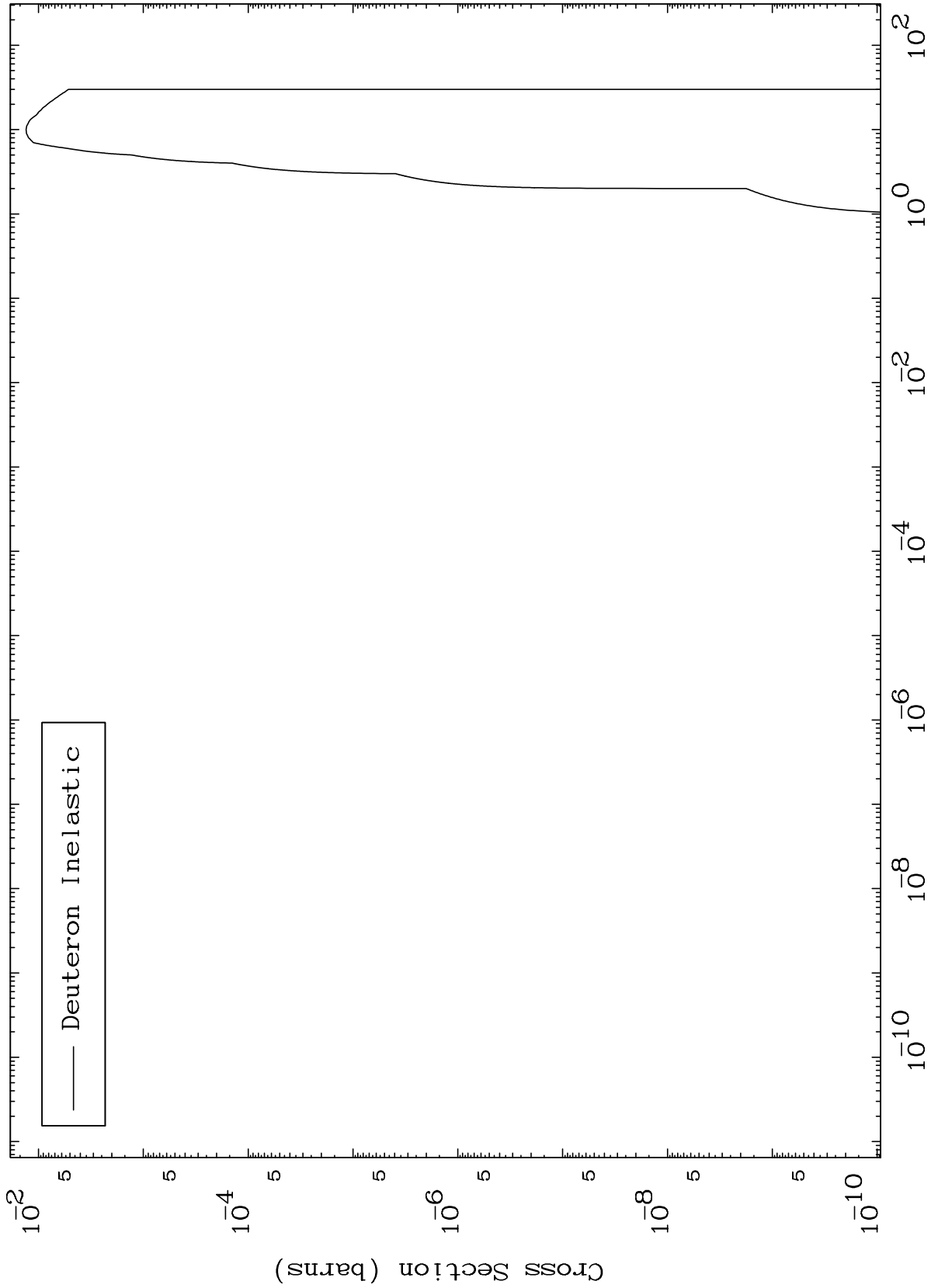
5

51-Sb-128

MAT 5147

(d,n') Level
0 Kelvin Cross Sections

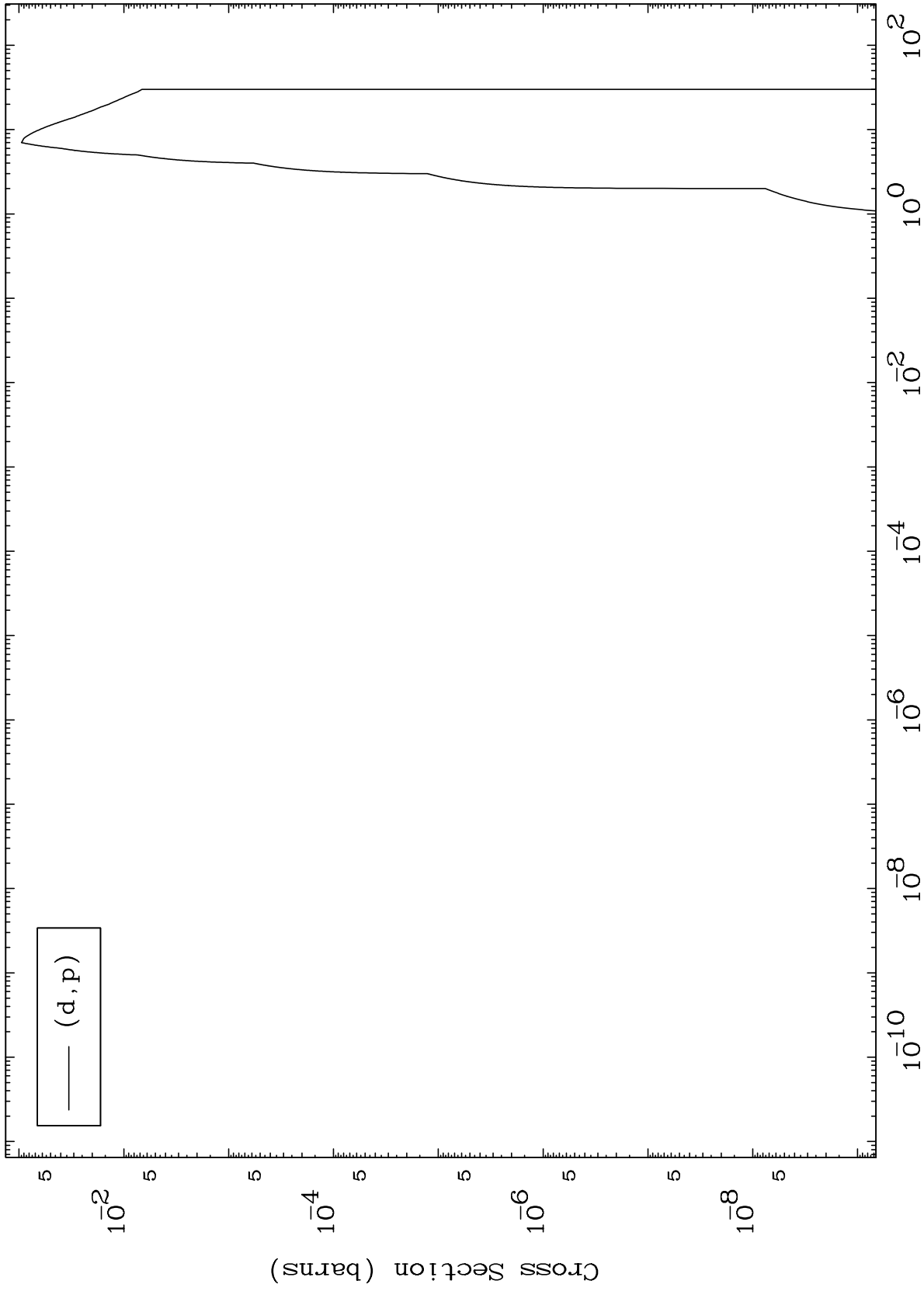
51-Sb-128



MAT 5147

(d,p) Levels
0 Kelvin Cross Sections

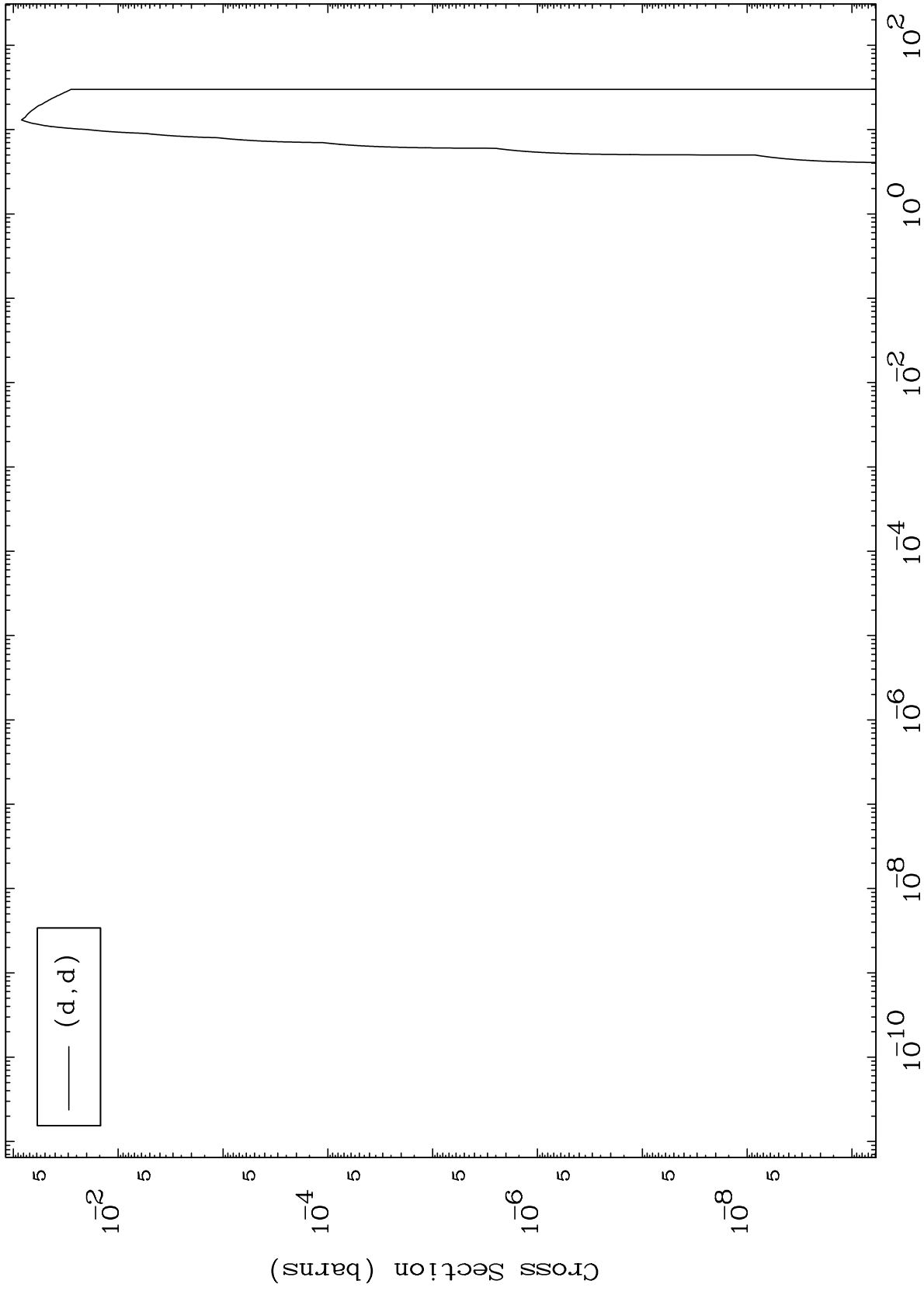
51-Sb-128



MAT 5147

(d,d) Levels
0 Kelvin Cross Sections

51-Sb-128



8

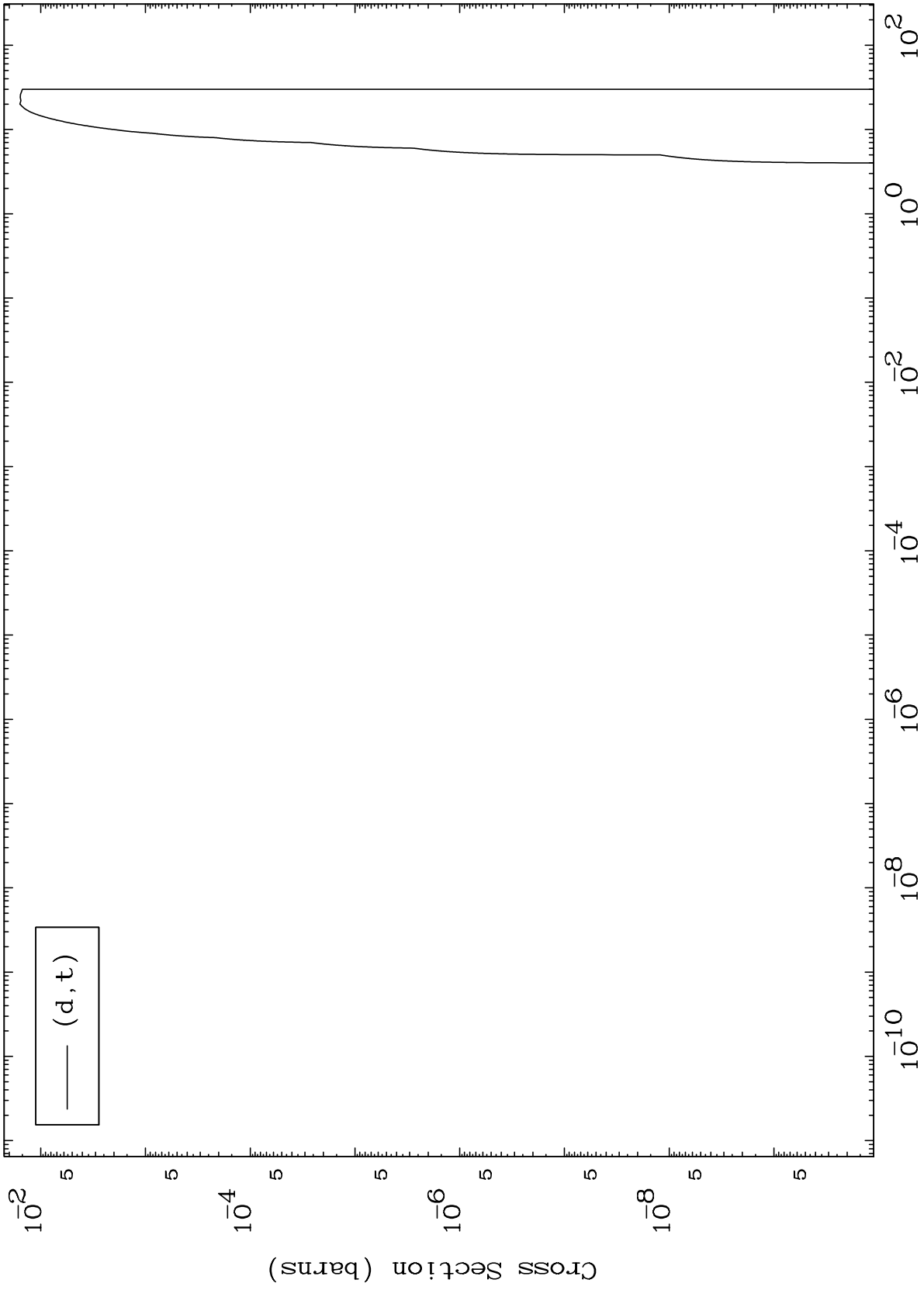
Incident Energy (MeV)

51-Sb-128

MAT 5147

(d,t) Levels
0 Kelvin Cross Sections

51-Sb-128



9

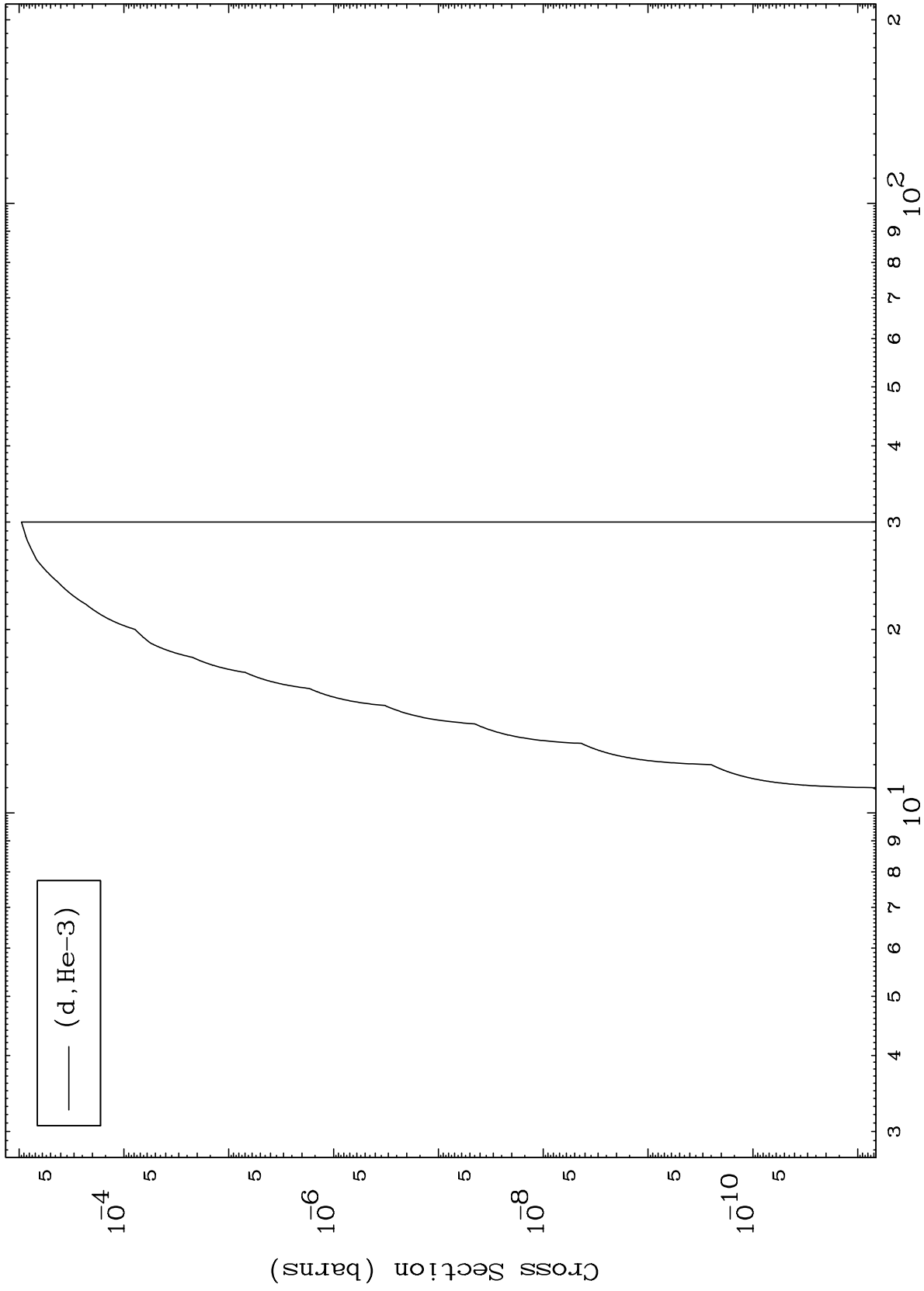
Incident Energy (MeV)

51-Sb-128

MAT 5147

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-128



10

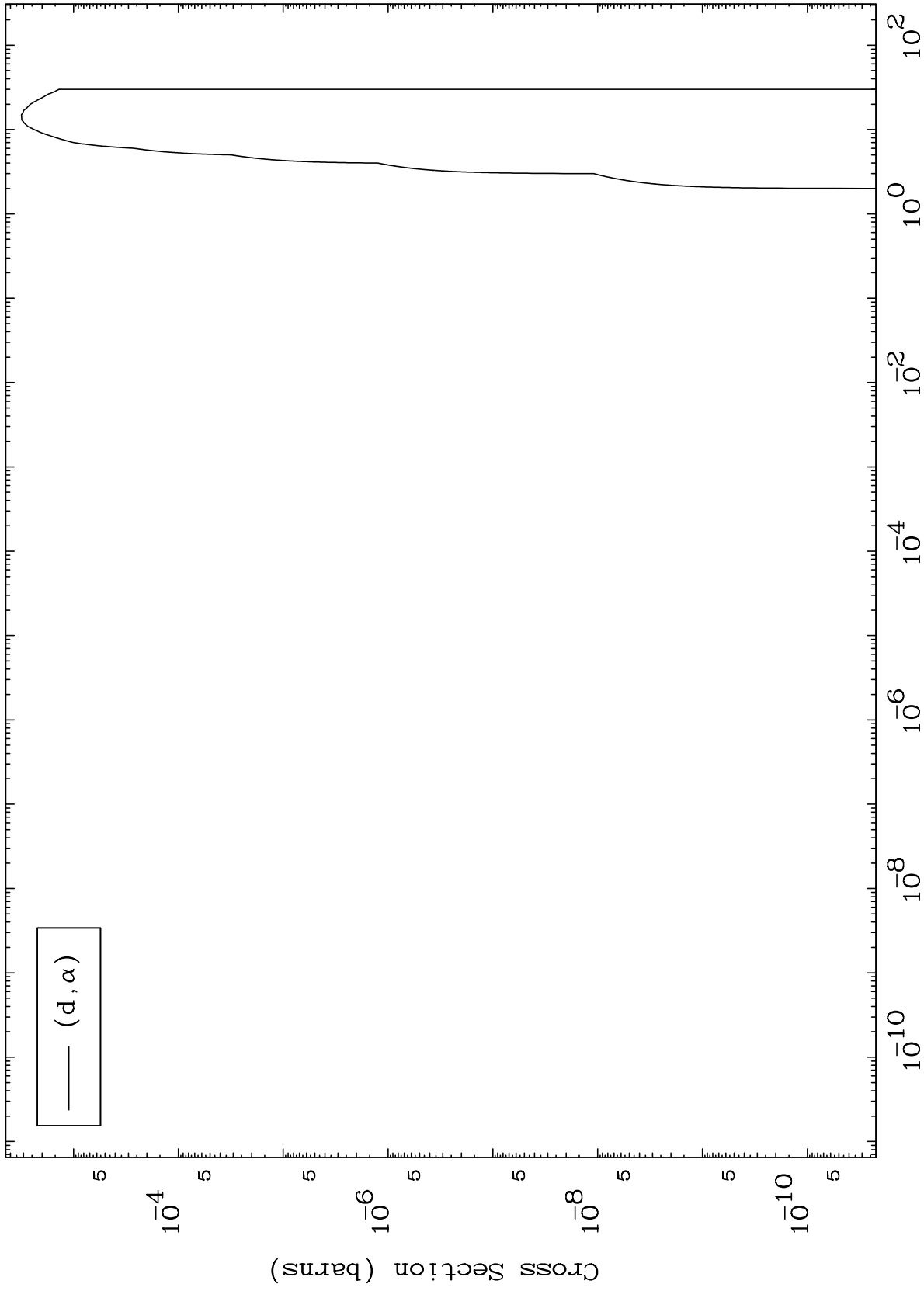
Incident Energy (MeV)

51-Sb-128

MAT 5147

(d, α) Levels
0 Kelvin Cross Sections

51-Sb-128



11

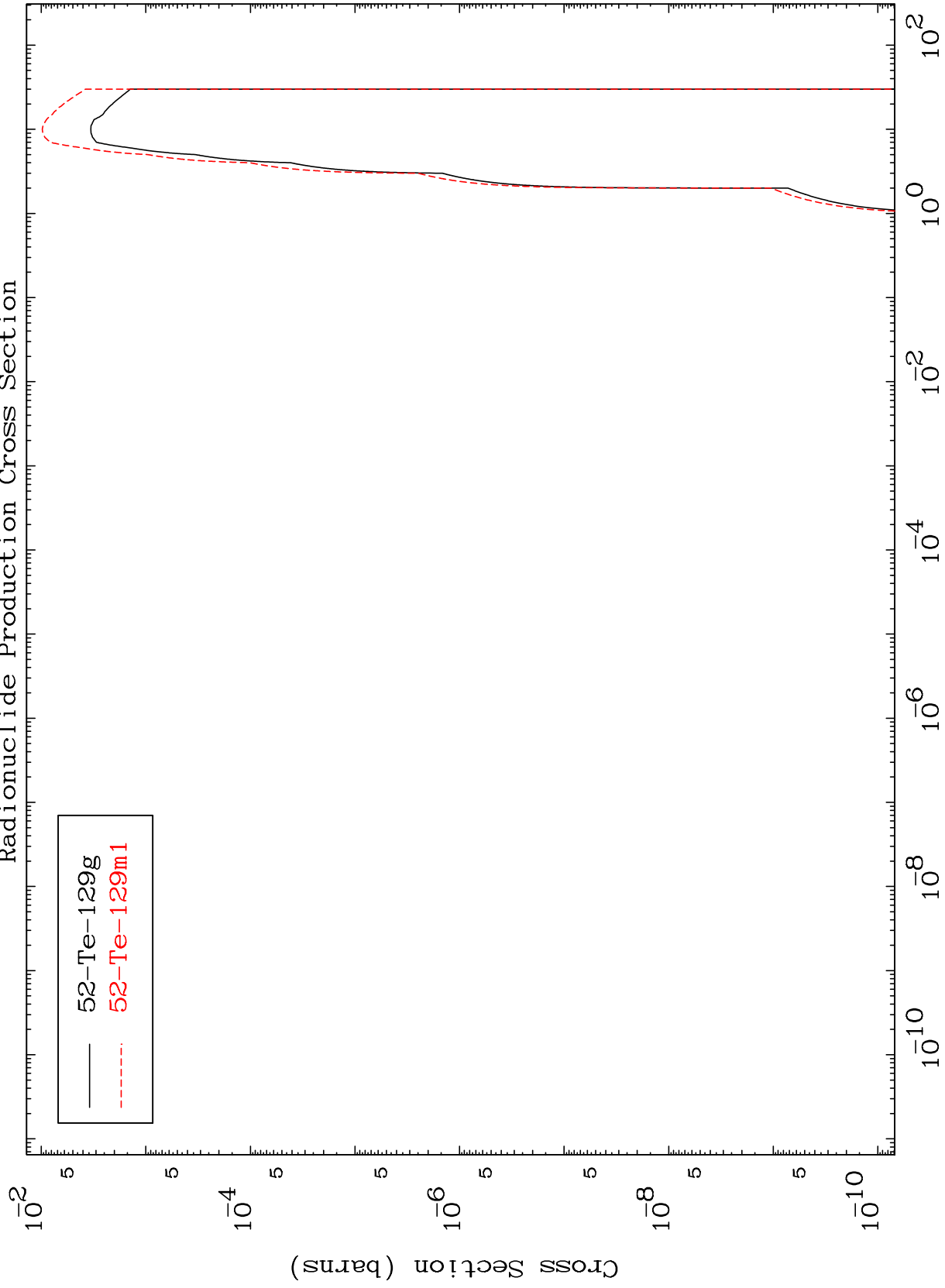
Incident Energy (MeV)

51-Sb-128

MAT 5147

Deuteron Inelastic
Radionuclide Production Cross Section

51-Sb-128



12

Incident Energy (MeV)

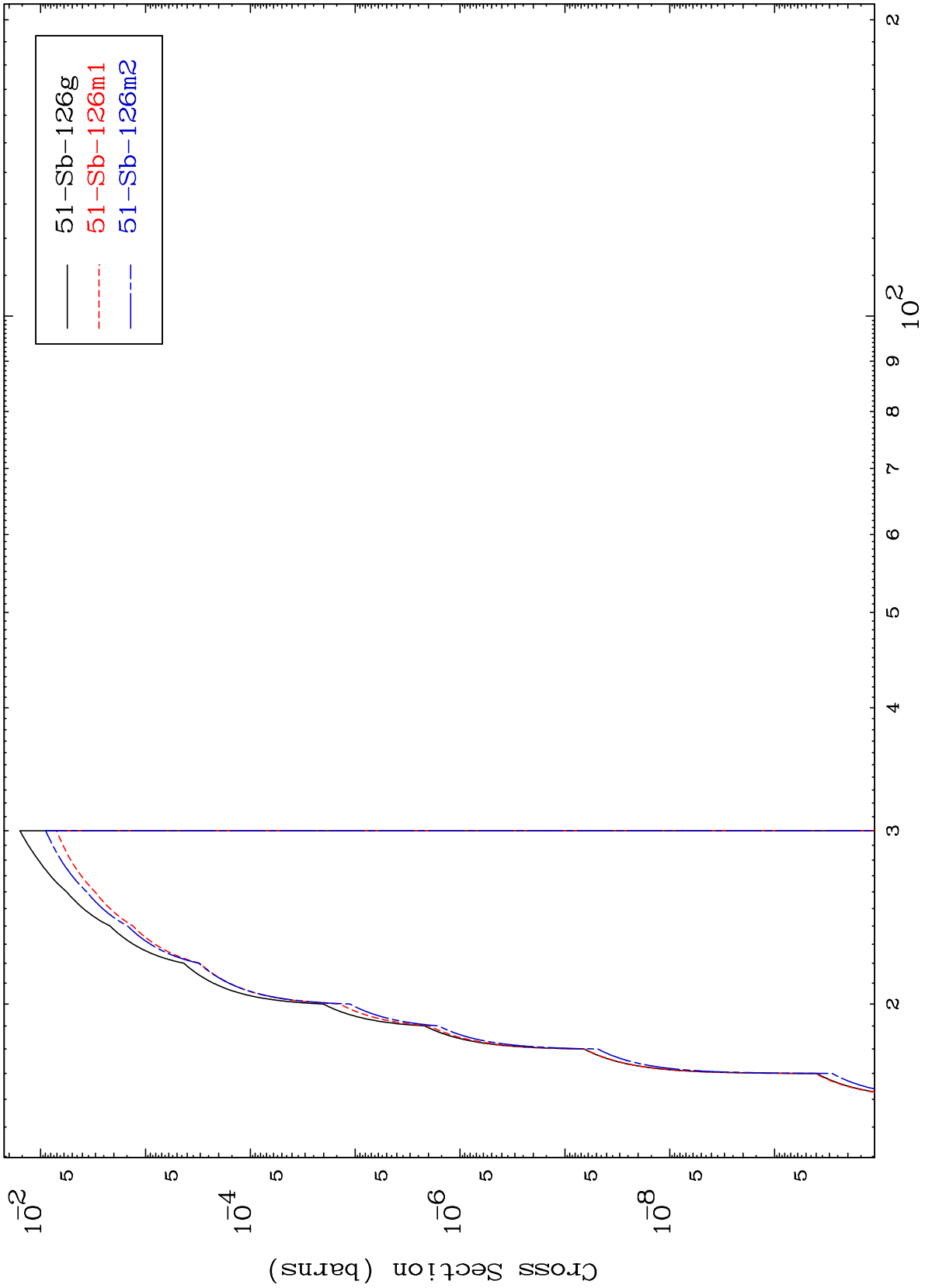
51-Sb-128

MAT 5147

(d,2n) d

51-Sb-128

Radionuclide Production Cross Section



13

Incident Energy (MeV)

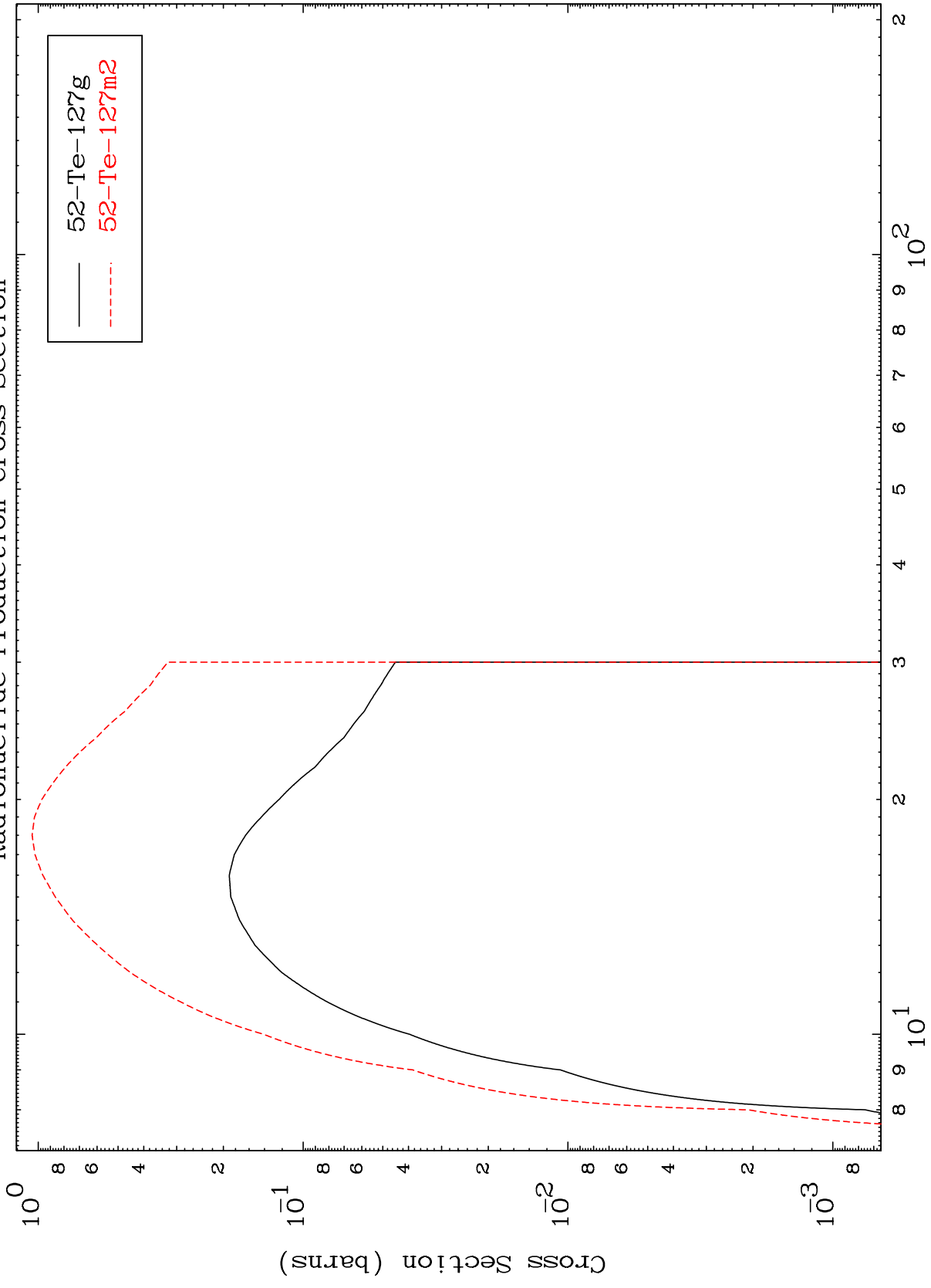
51-Sb-128

MAT 5147

(d,3n)

51-Sb-128

Radionuclide Production Cross Section



14

Incident Energy (MeV)

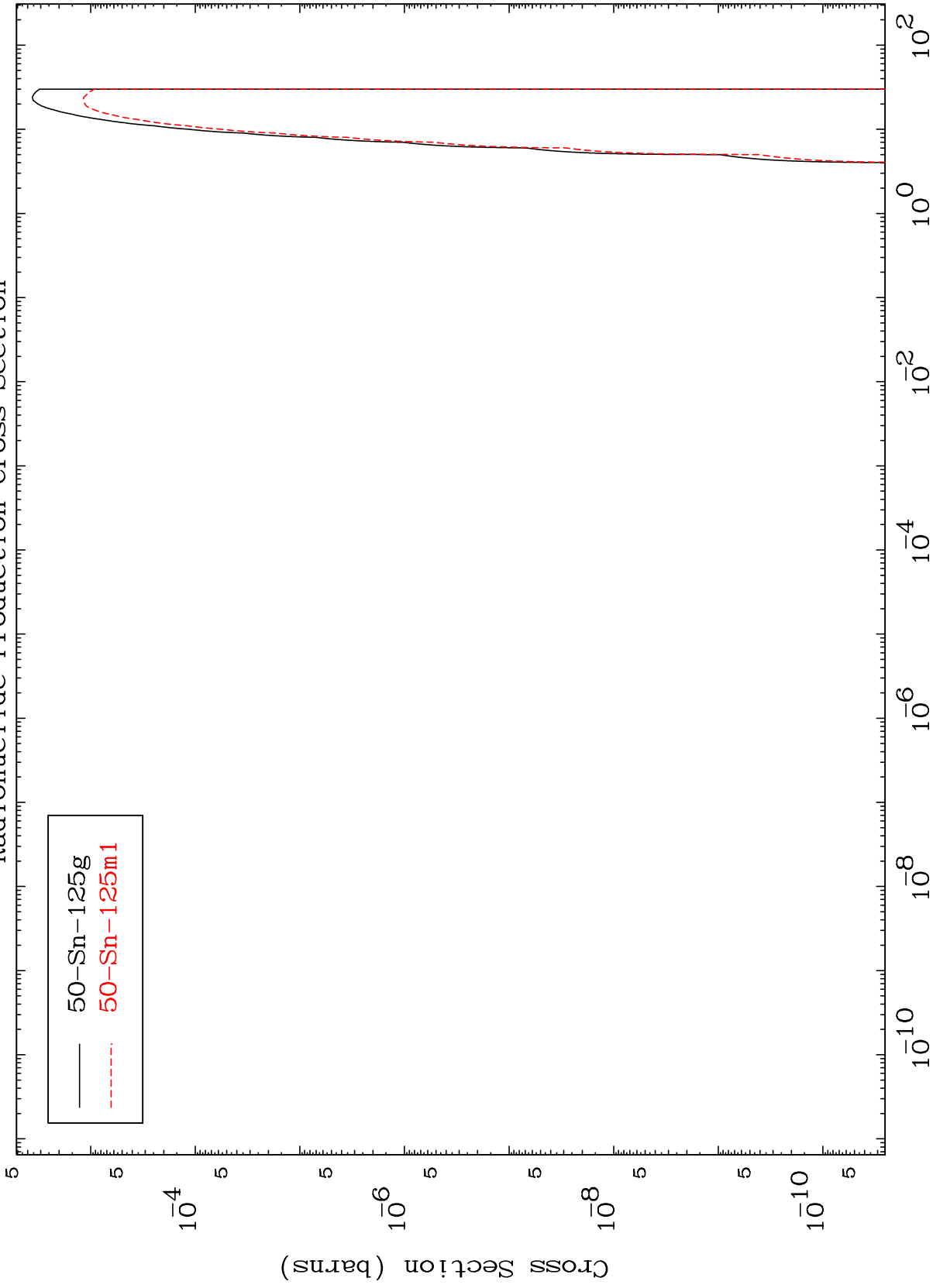
51-Sb-128

MAT 5147

(d,n') α

51-Sb-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

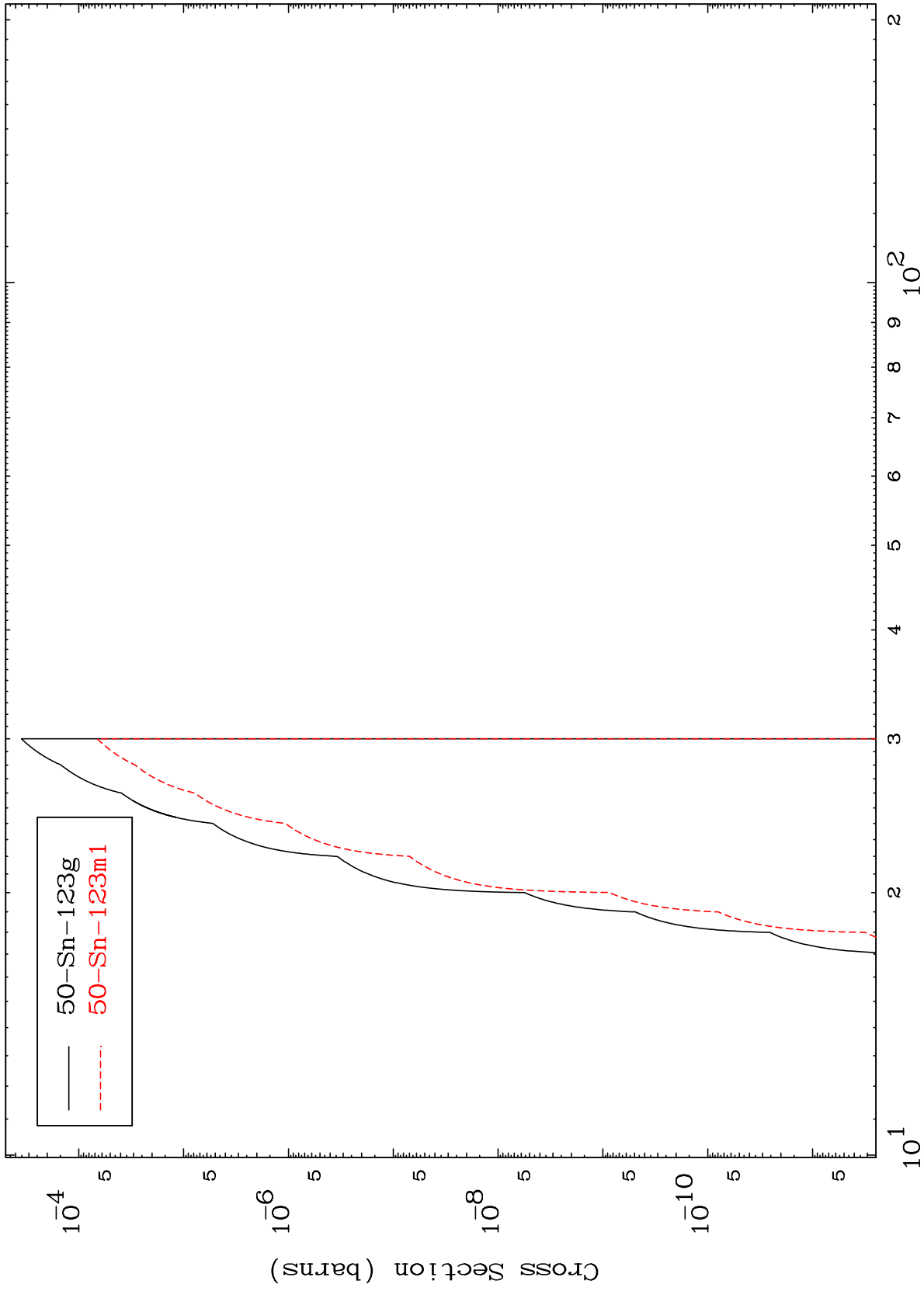
51-Sb-128

MAT 5147

(d,3n) α

51-Sb-128

Radionuclide Production Cross Section



16

Incident Energy (MeV)

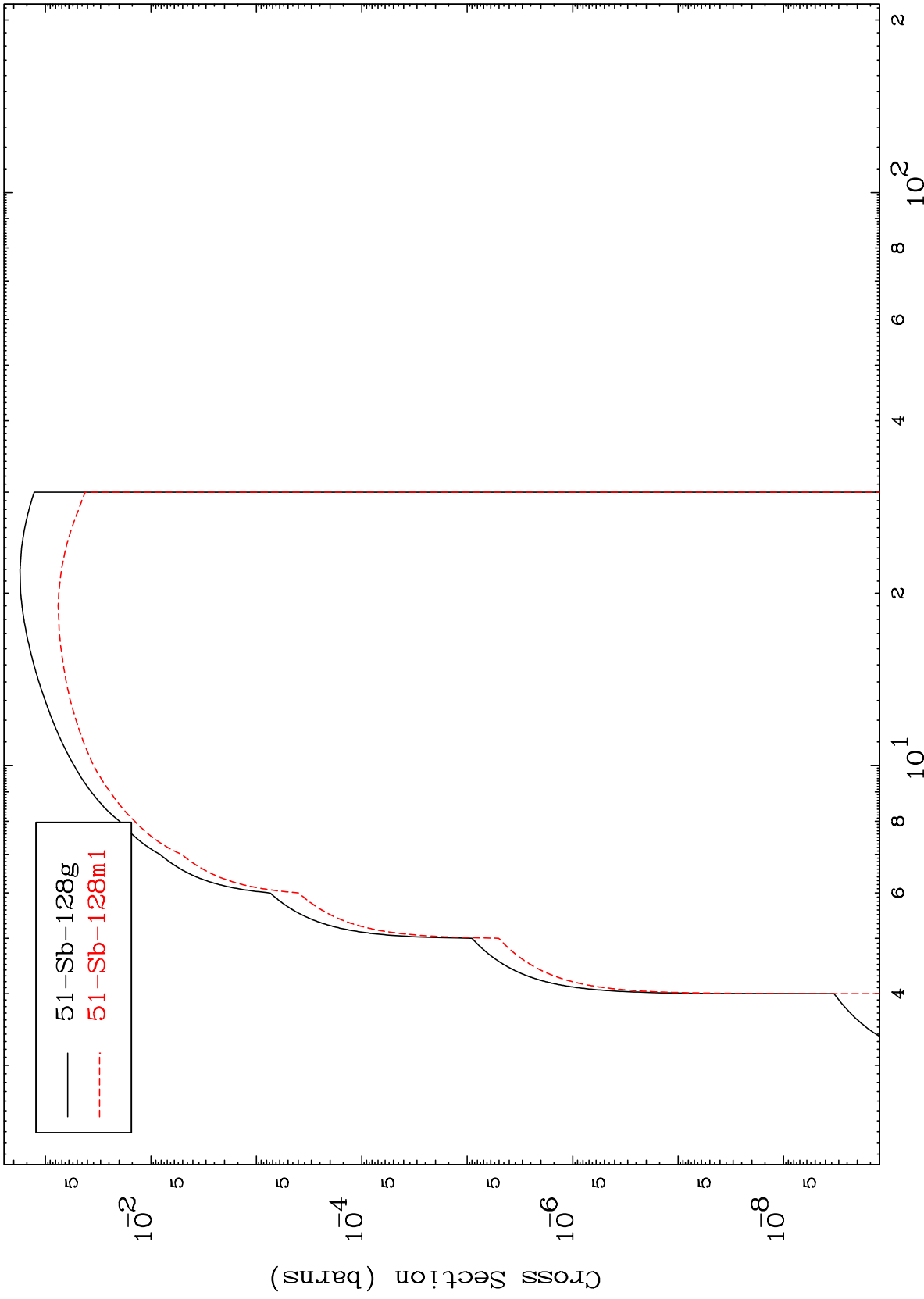
51-Sb-128

MAT 5147

(d,n') p

51-Sb-128

Radionuclide Production Cross Section



17

Incident Energy (MeV)

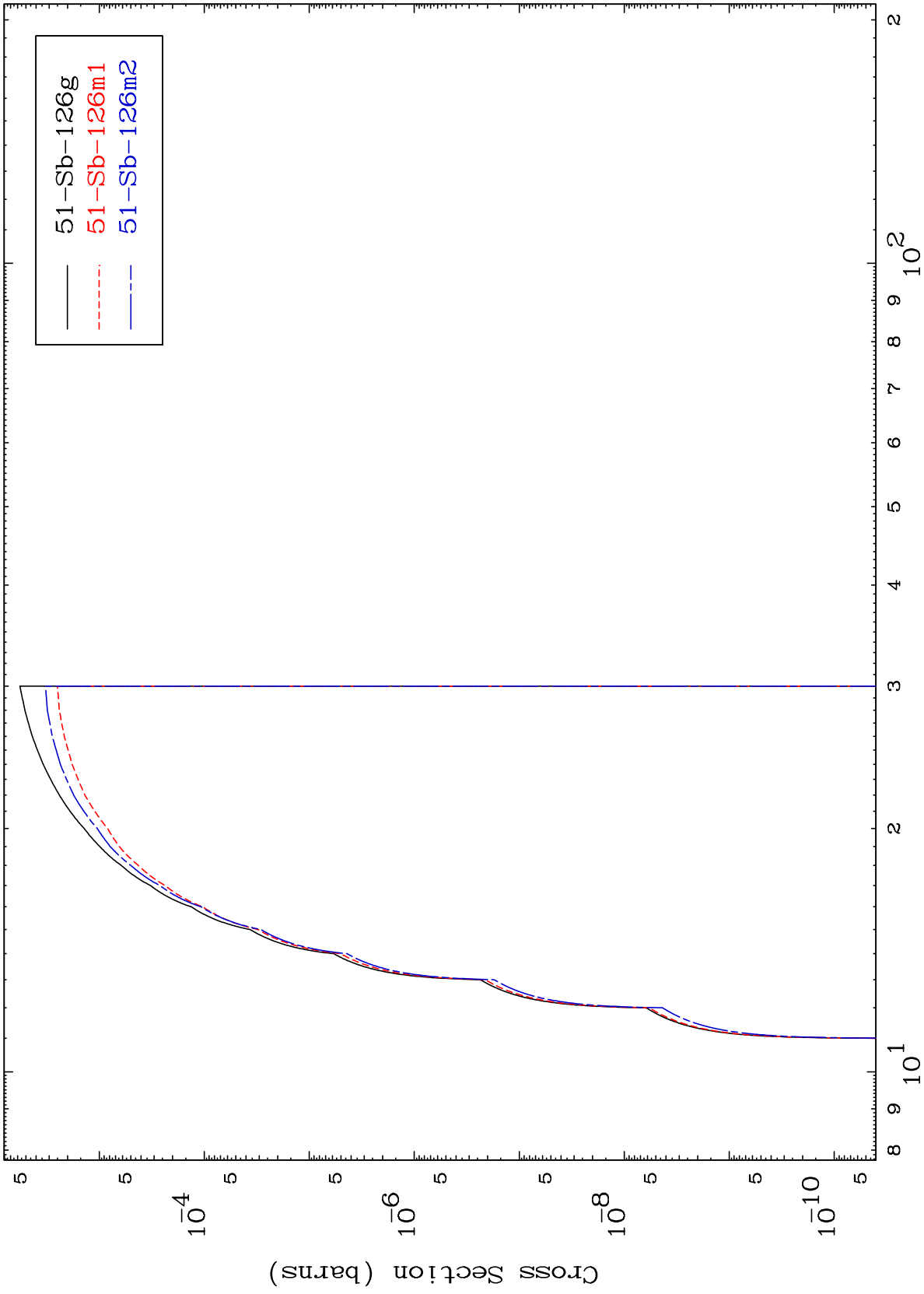
51-Sb-128

MAT 5147

(d,n') t

51-Sb-128

Radionuclide Production Cross Section



18

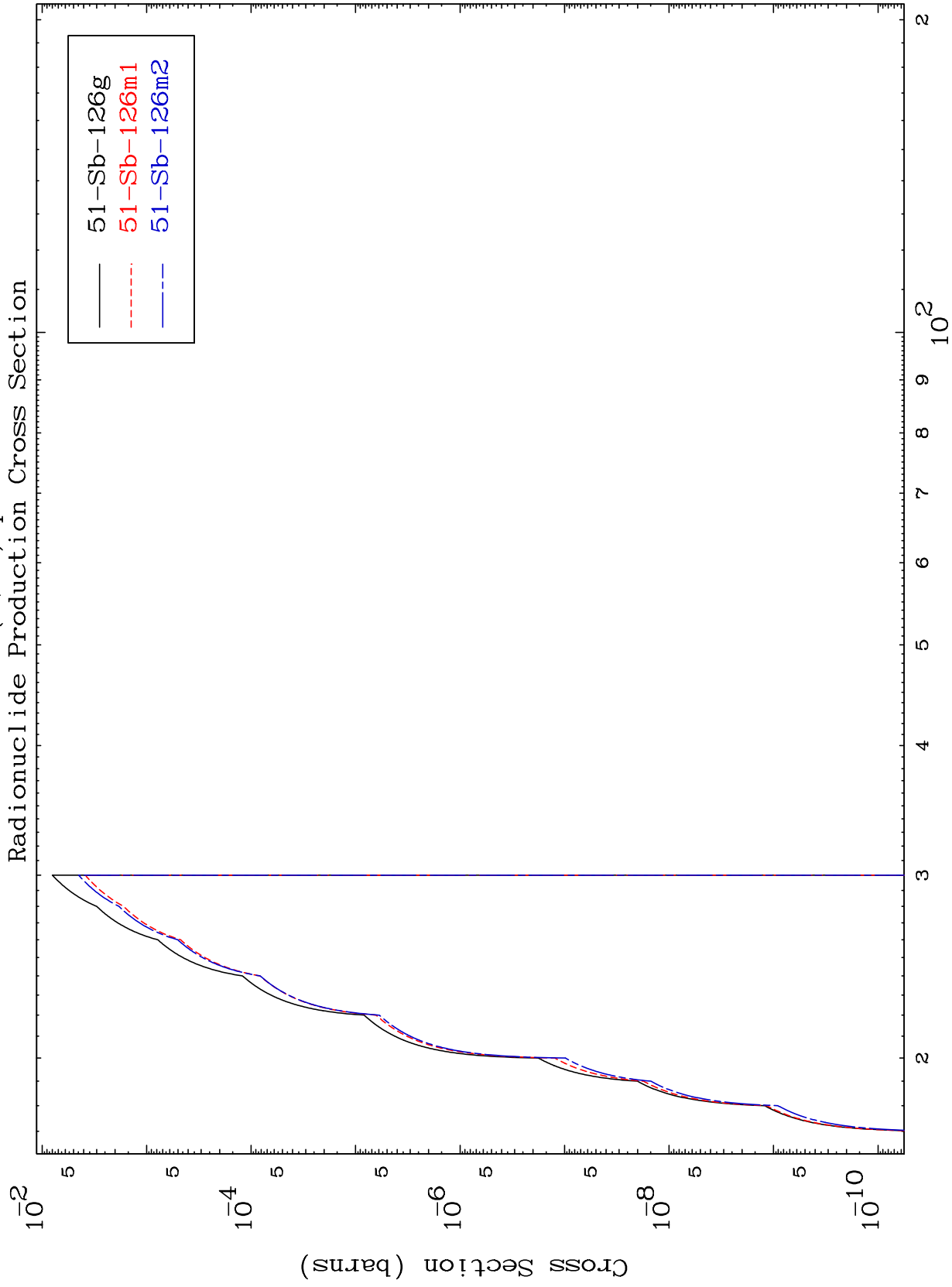
Incident Energy (MeV)

51-Sb-128

MAT 5147

(d,3n) p

51-Sb-128



19

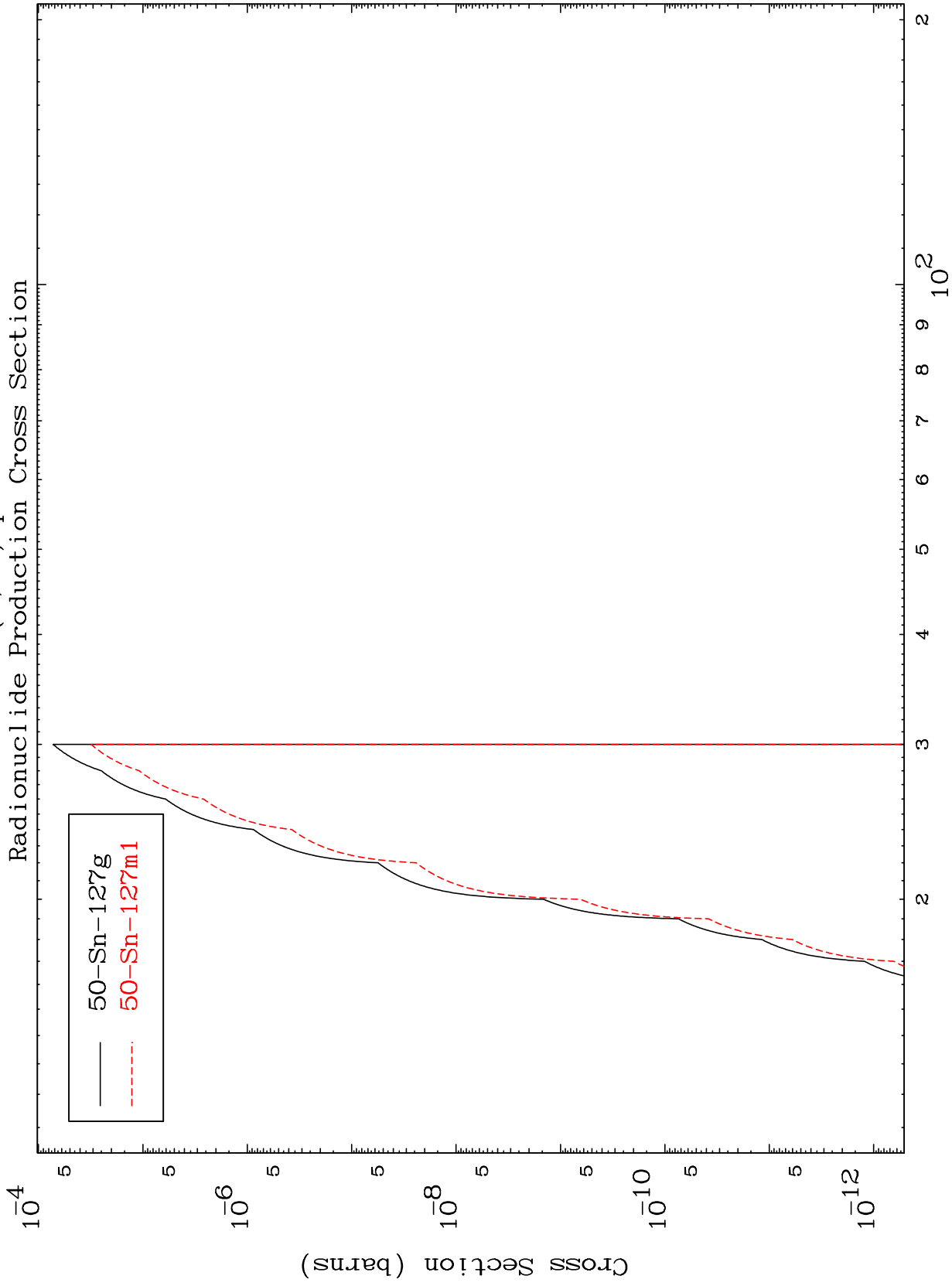
51-Sb-128

51-Sb-128

MAT 5147

(d,2n) p

51-Sb-128



20

51-Sb-128

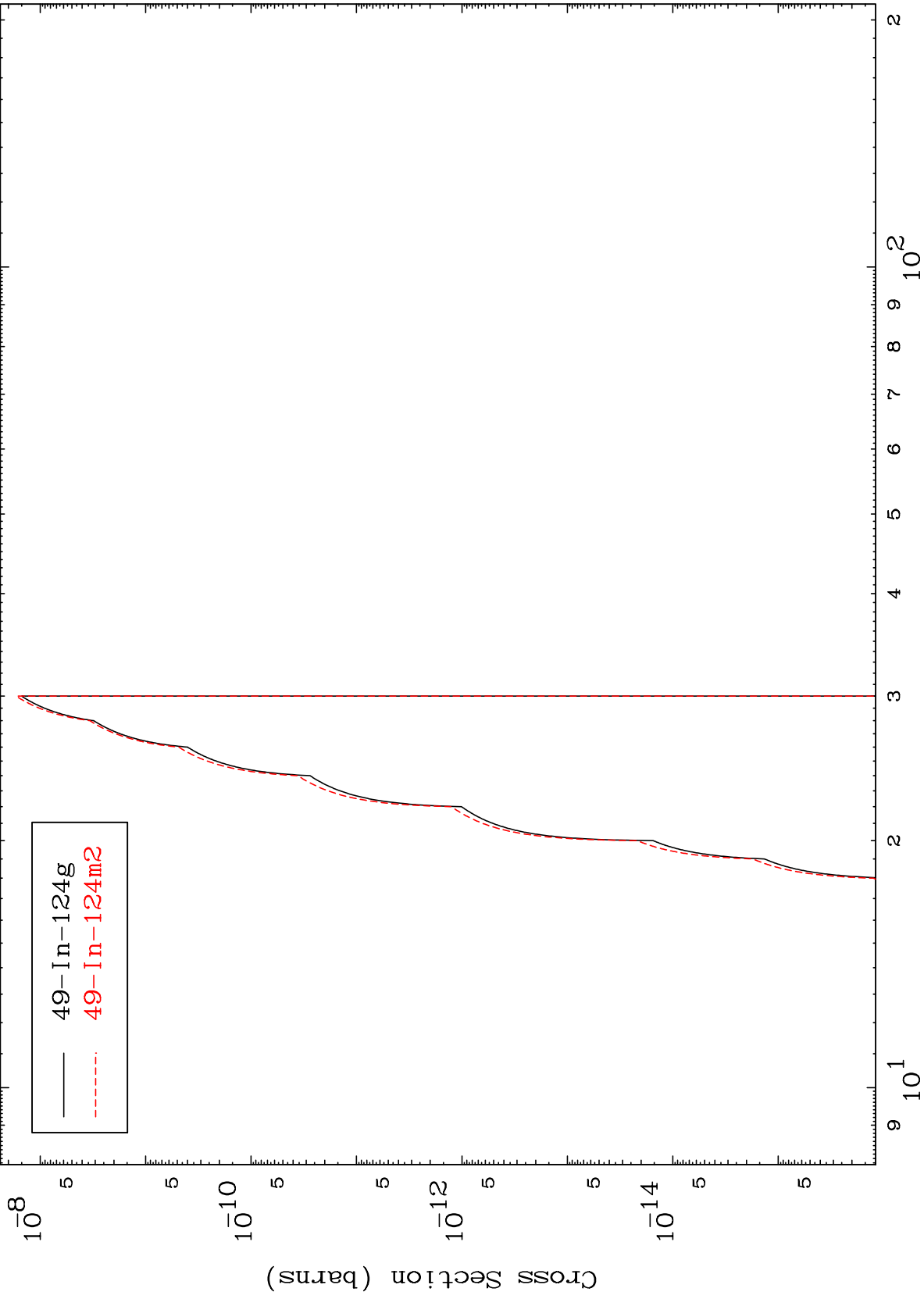
51-Sb-128

MAT 5147

(d,n') p α

51-Sb-128

Radionuclide Production Cross Section



21

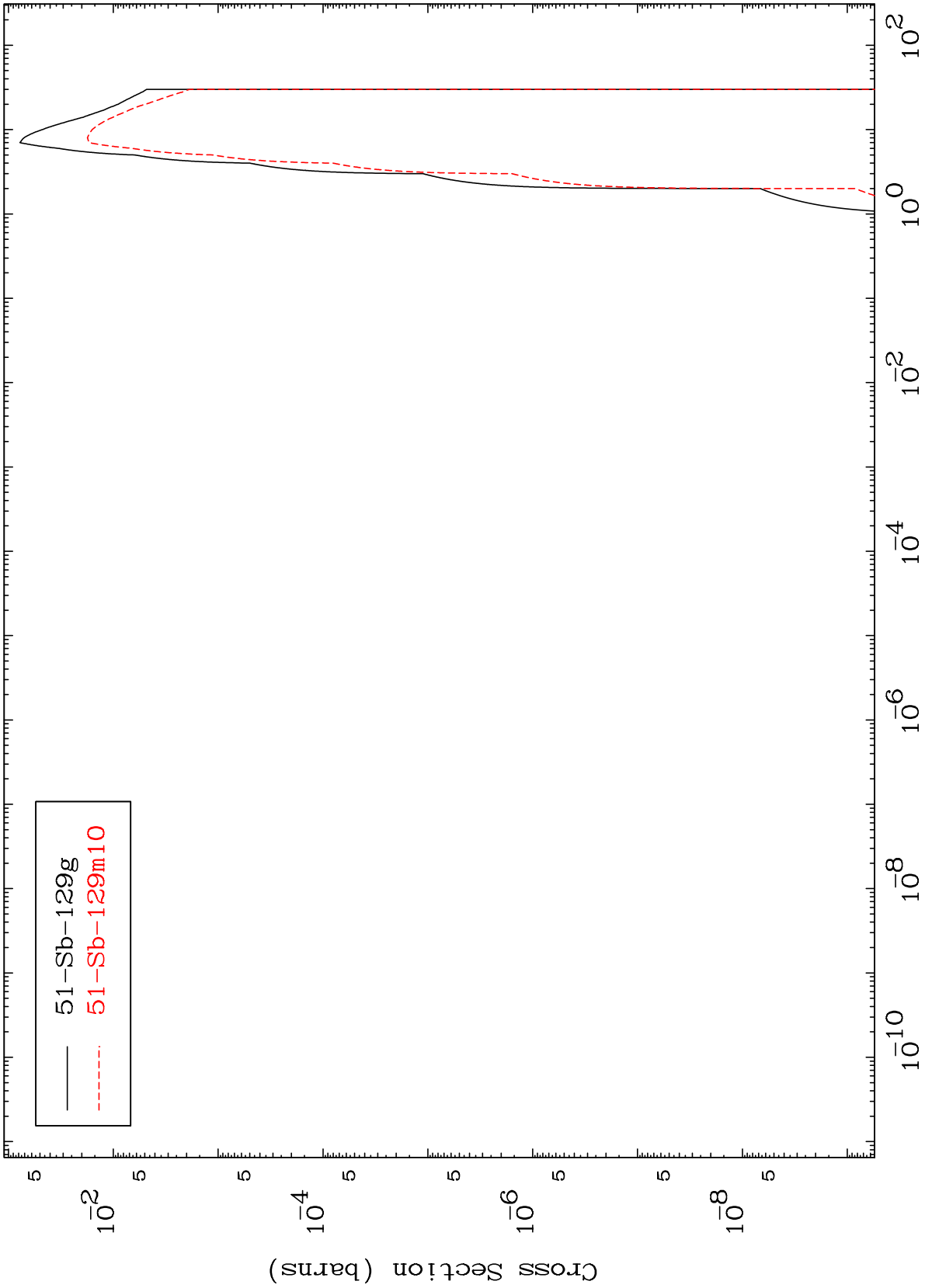
Incident Energy (MeV)

51-Sb-128

MAT 5147

(d,p)
Radionuclide Production Cross Section

51-Sb-128



22

Incident Energy (MeV)

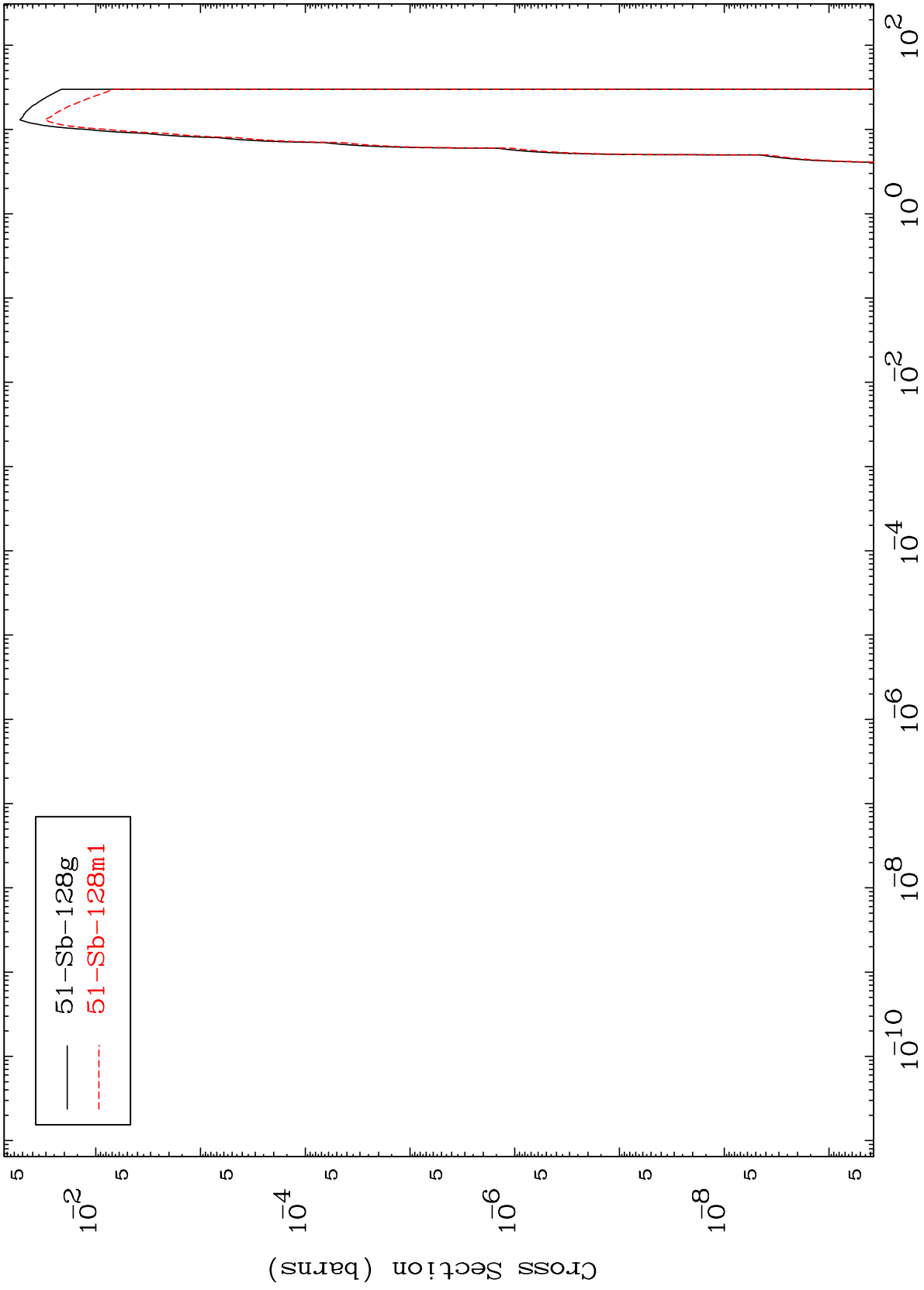
51-Sb-128

MAT 5147

(d,d)

51-Sb-128

Radionuclide Production Cross Section



23

Incident Energy (MeV)

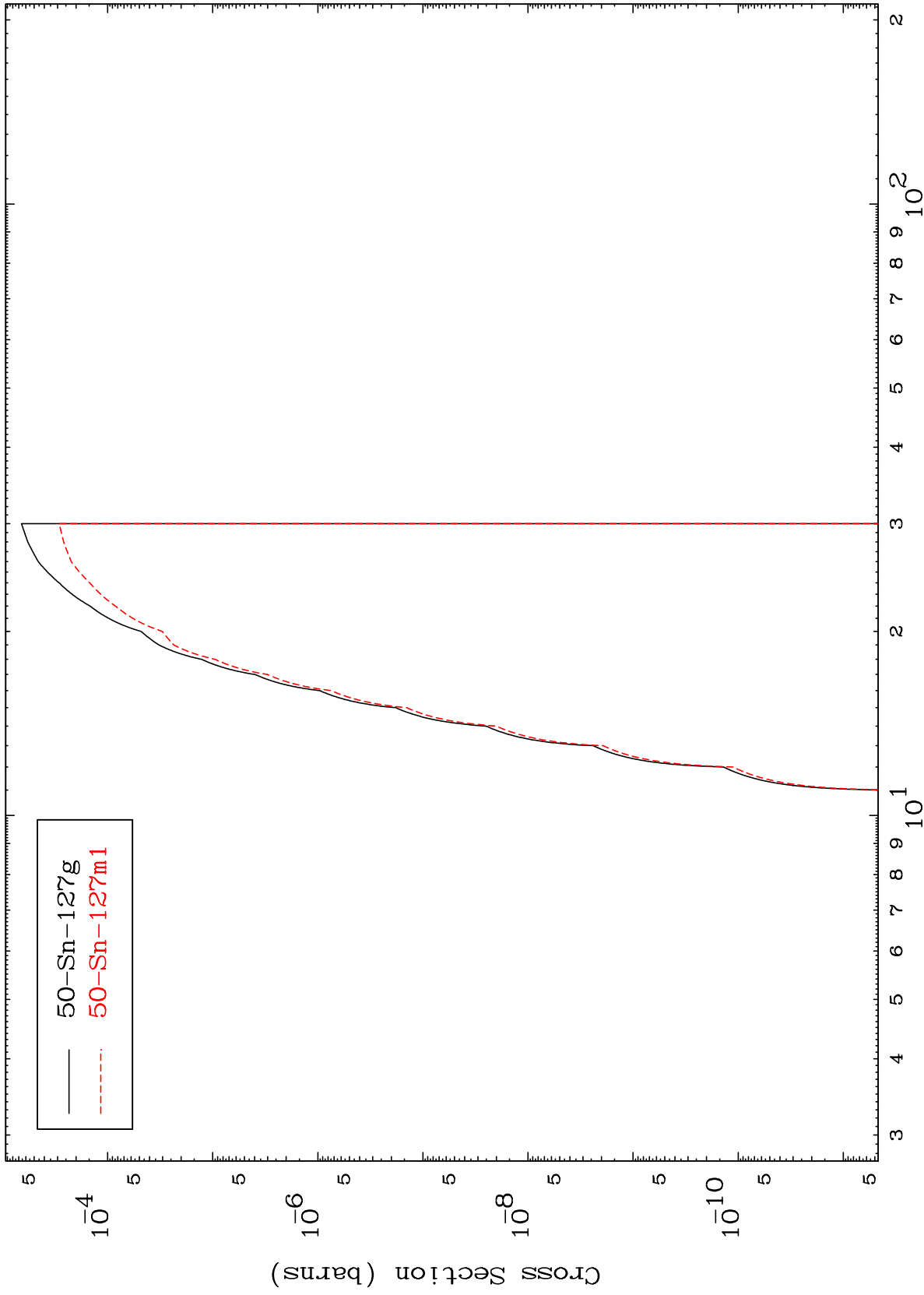
51-Sb-128

MAT 5147

(d, He-3)

51-Sb-128

Radionuclide Production Cross Section



24

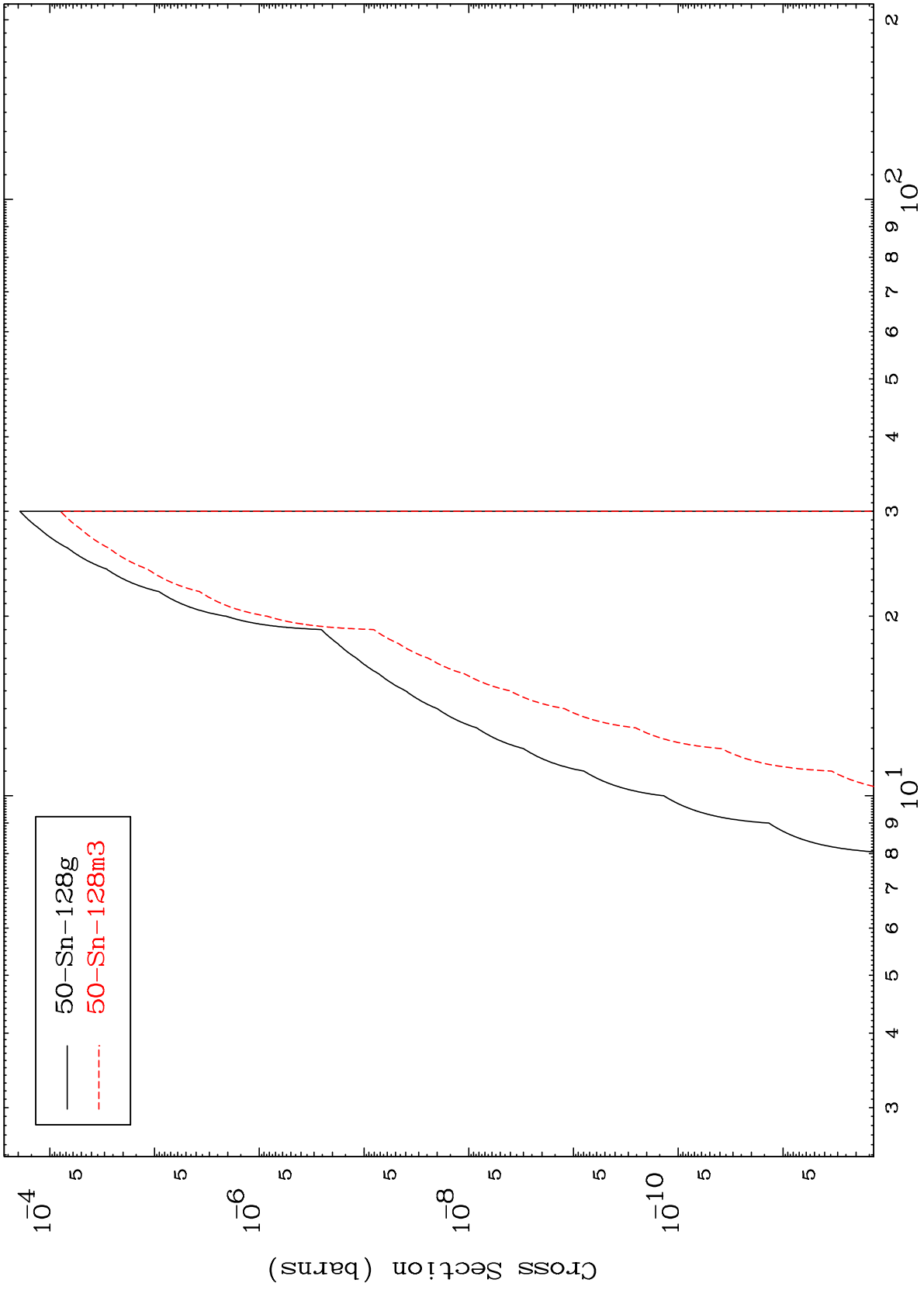
Incident Energy (MeV)

51-Sb-128

MAT 5147

51-Sb-128

(d,2p)
Radionuclide Production Cross Section



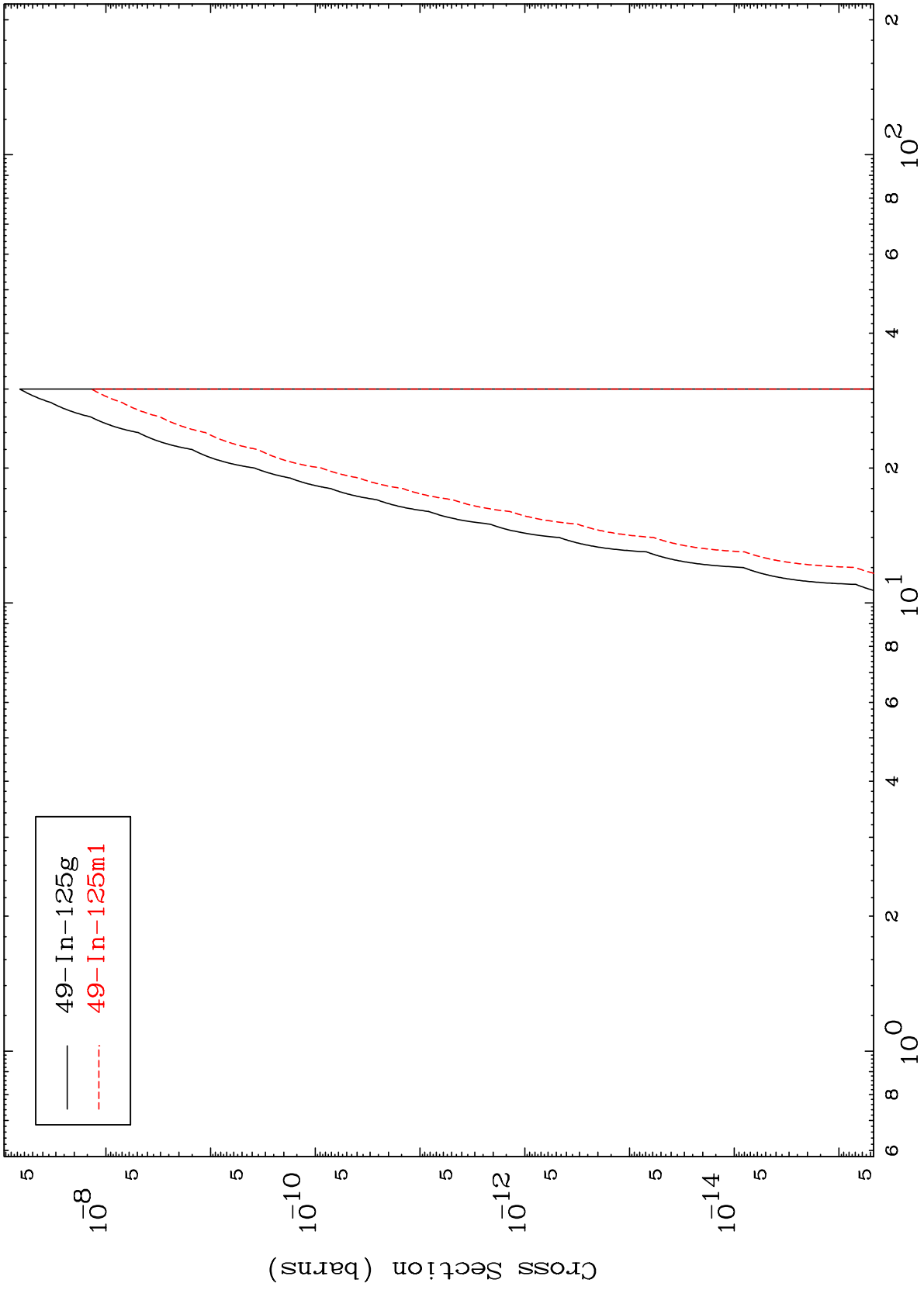
50-Sn-128g
50-Sn-128m3

MAT 5147

(d,p) α

51-Sb-128

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

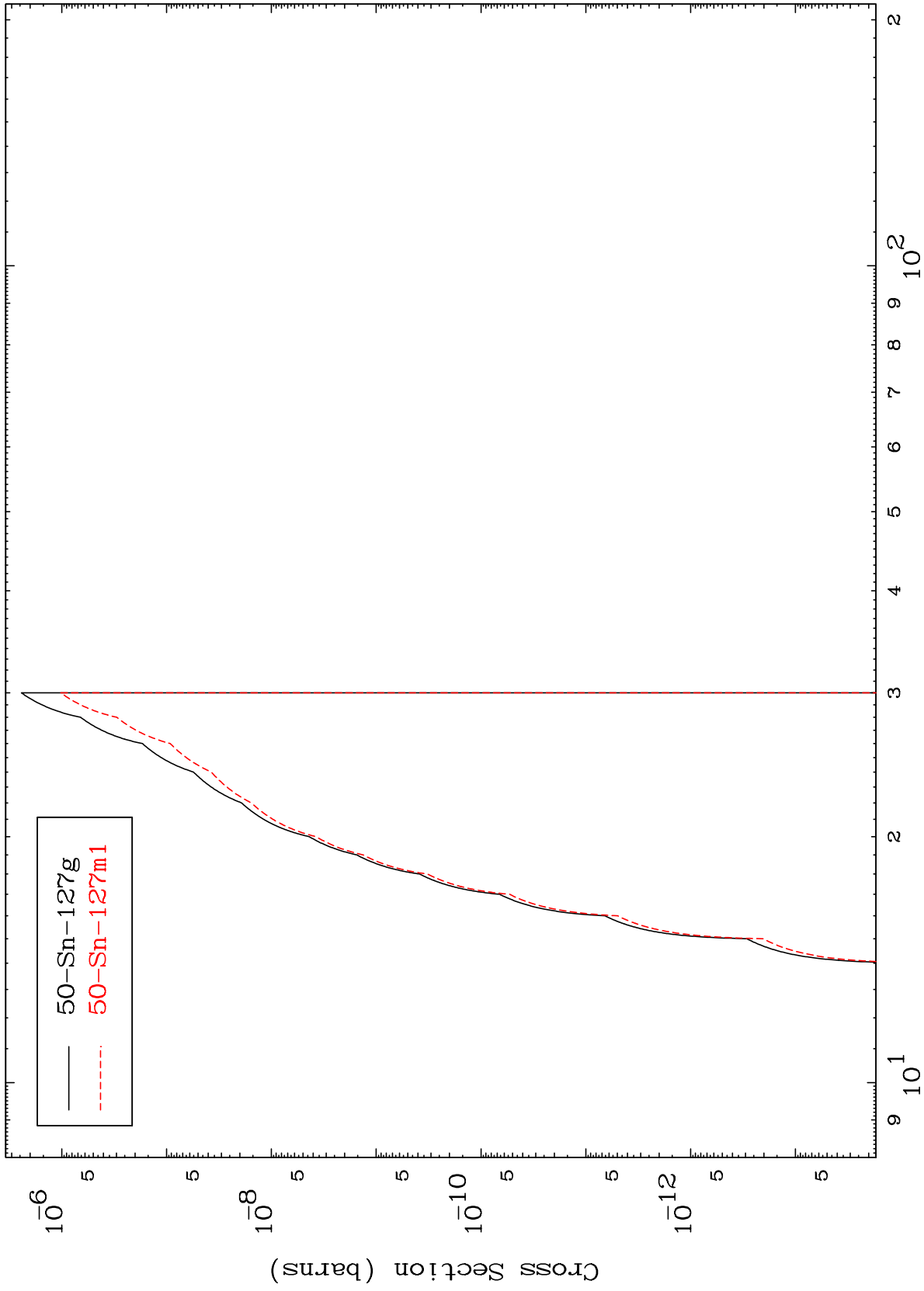
51-Sb-128

MAT 5147

(d,p) d

51-Sb-128

Radionuclide Production Cross Section



27

Incident Energy (MeV)

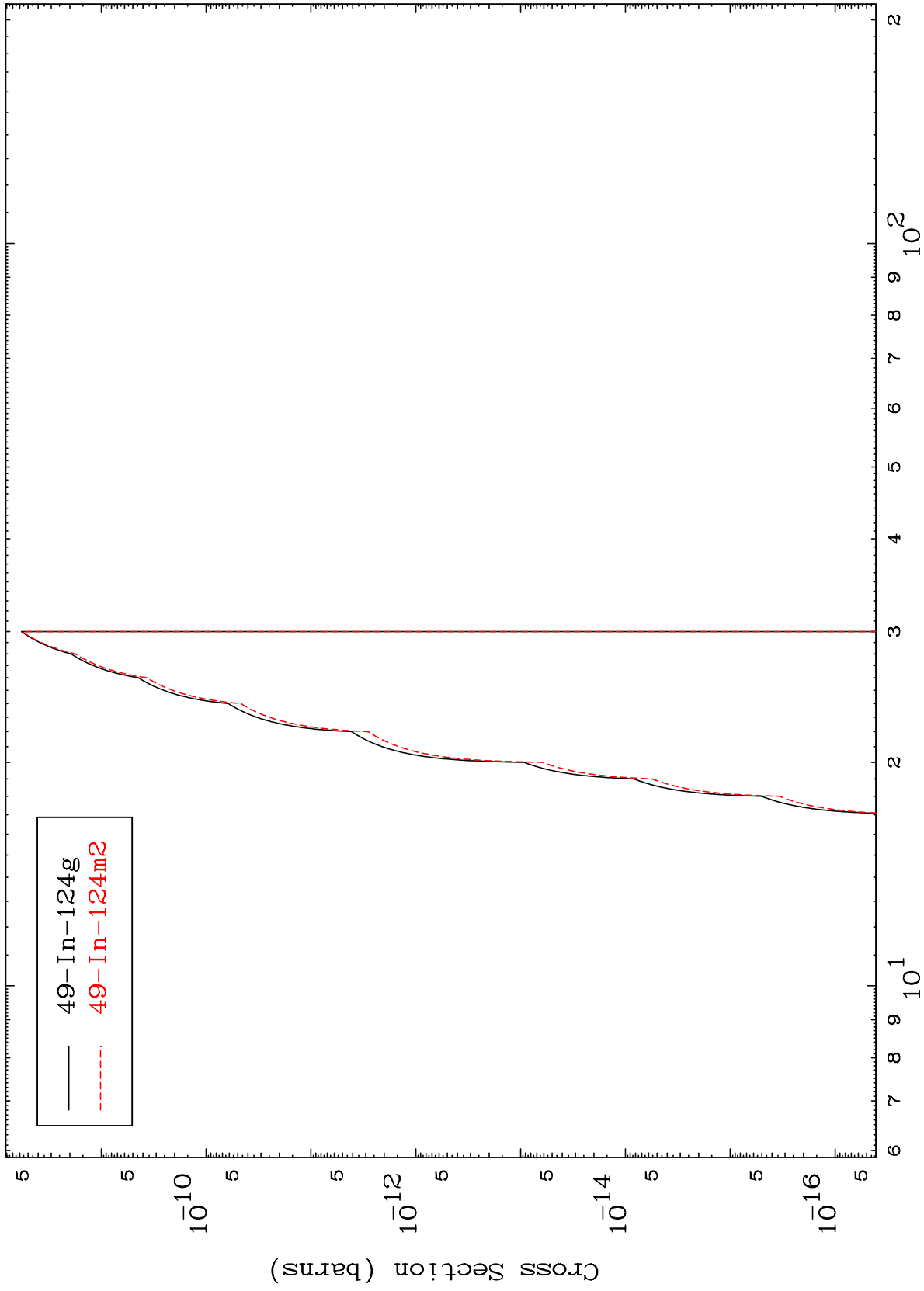
51-Sb-128

MAT 5147

(d,d) α

51-Sb-128

Radionuclide Production Cross Section



28

Incident Energy (MeV)

51-Sb-128