

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

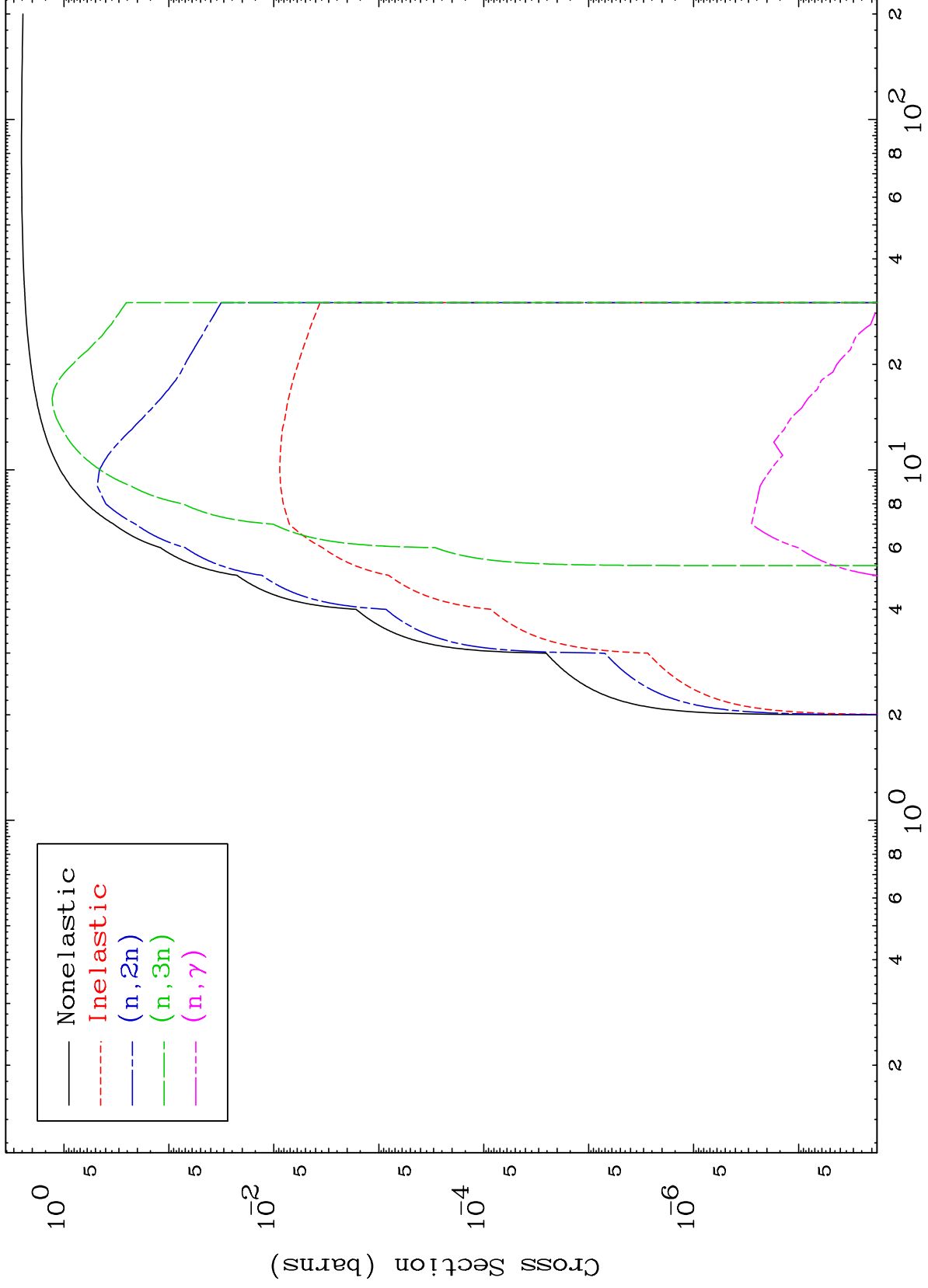
Web:redcullen1.net/HOMEPAGE.NEW

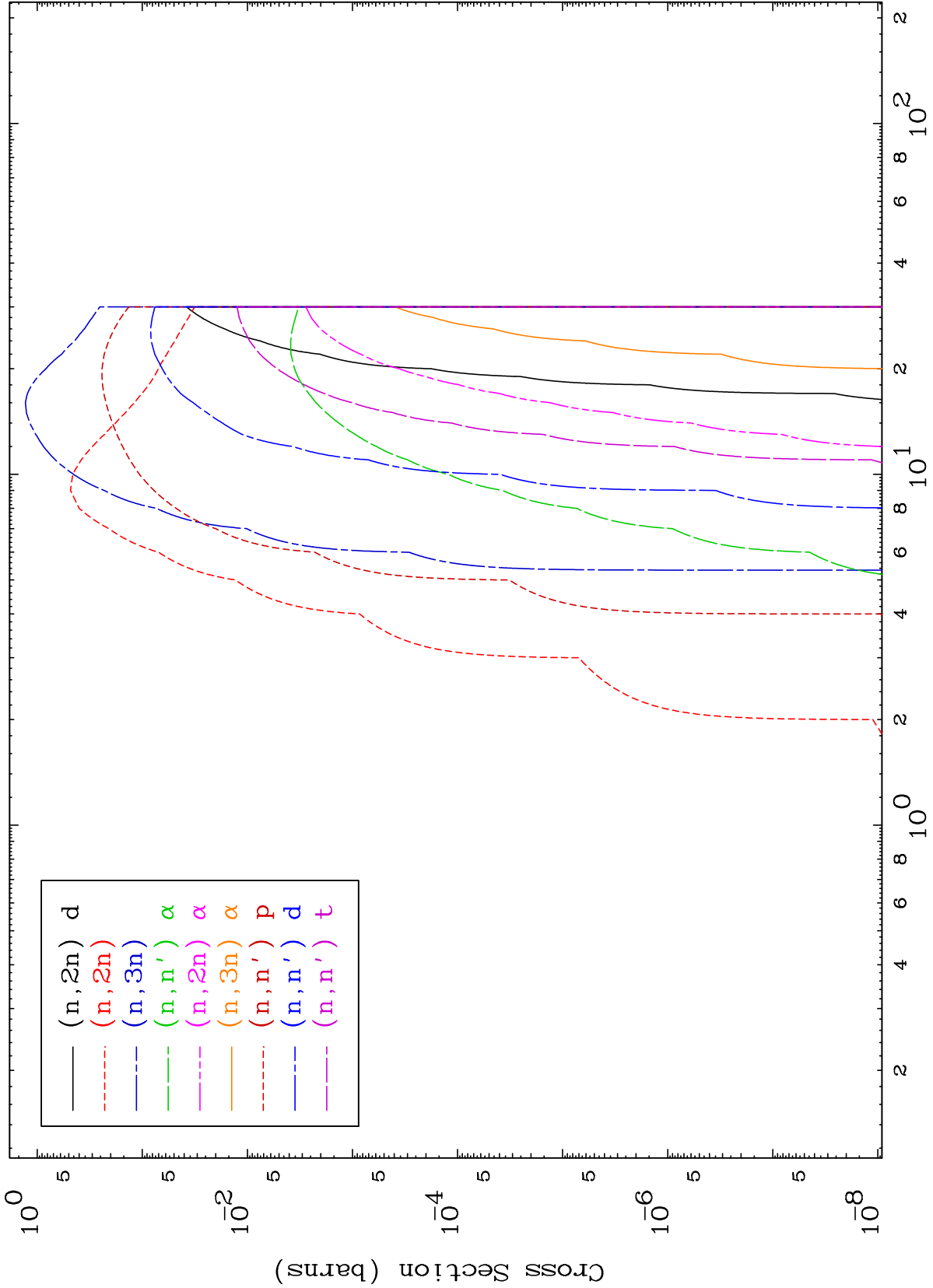
Press Mouse Button to Start

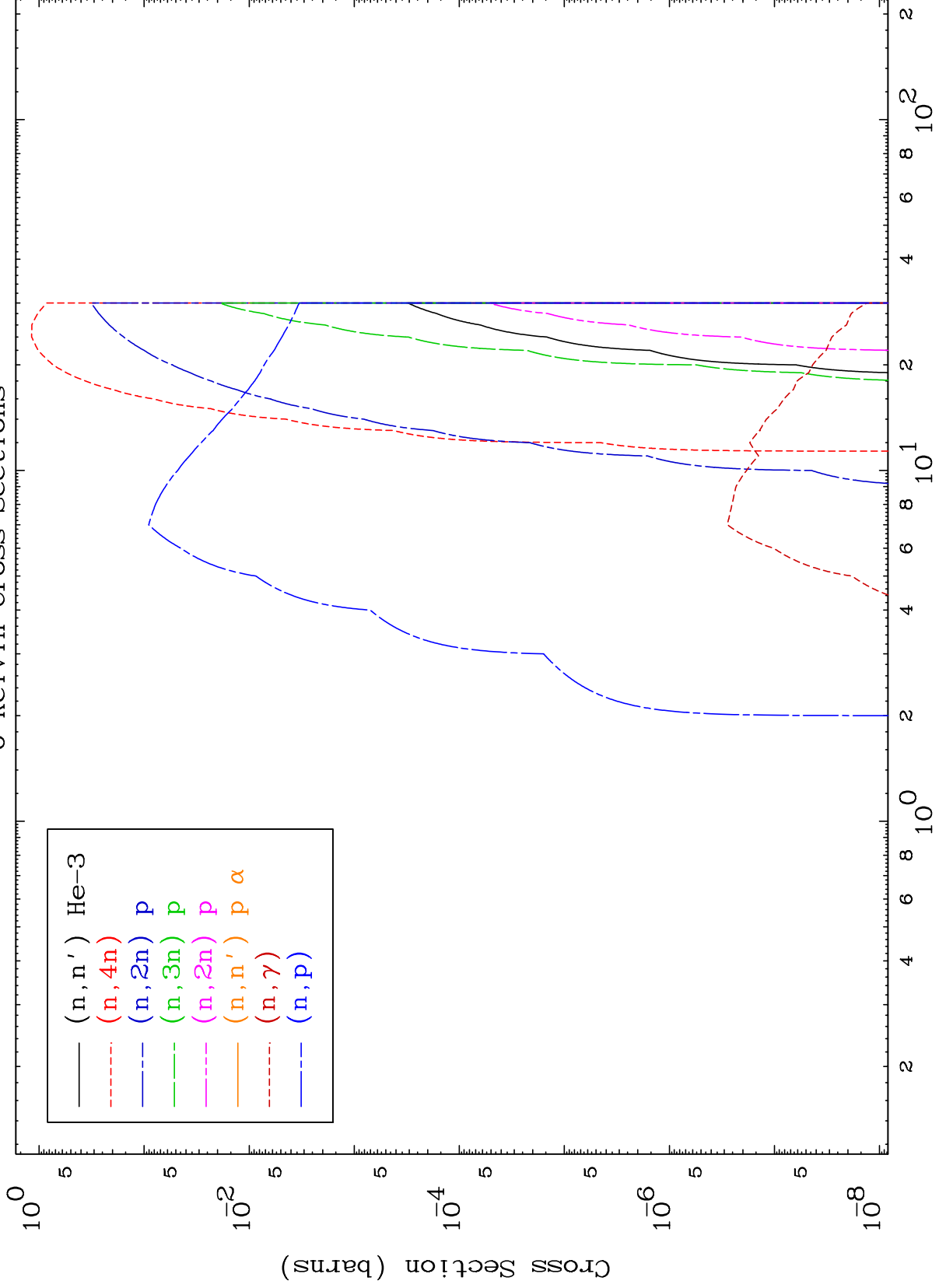
MAT 5159

Deuteron Major
0 Kelvin Cross Sections

51-Sb-132m



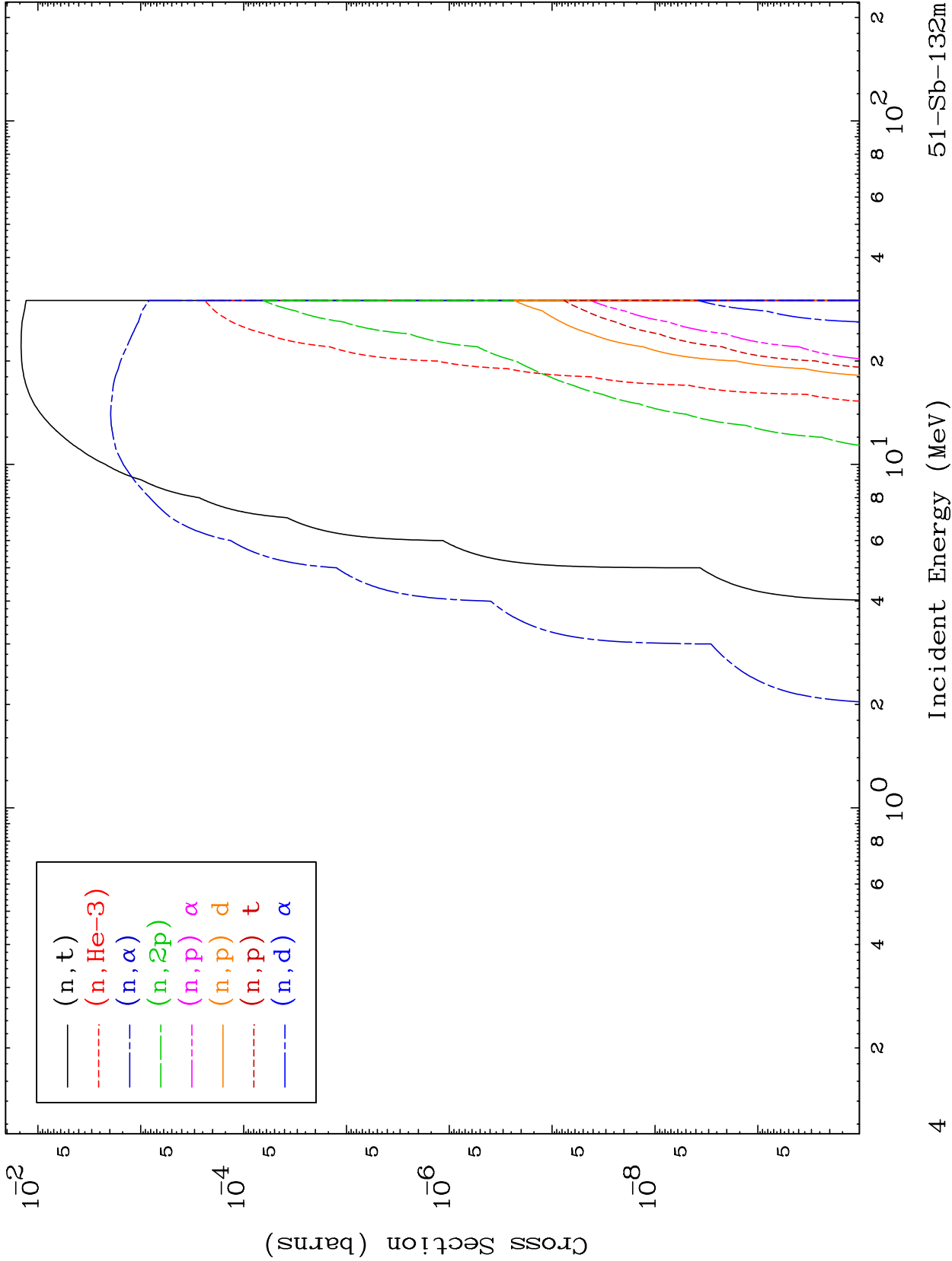


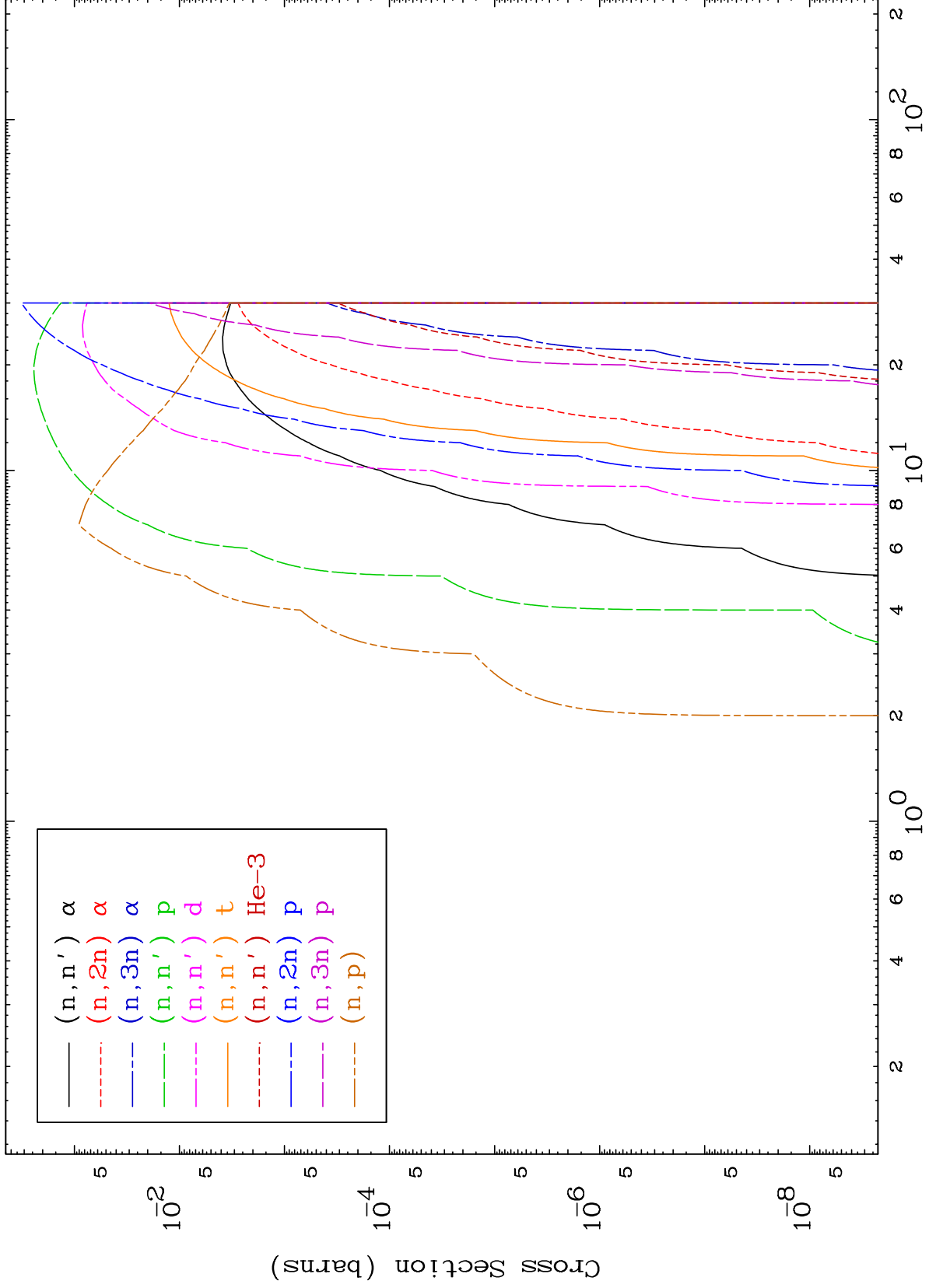


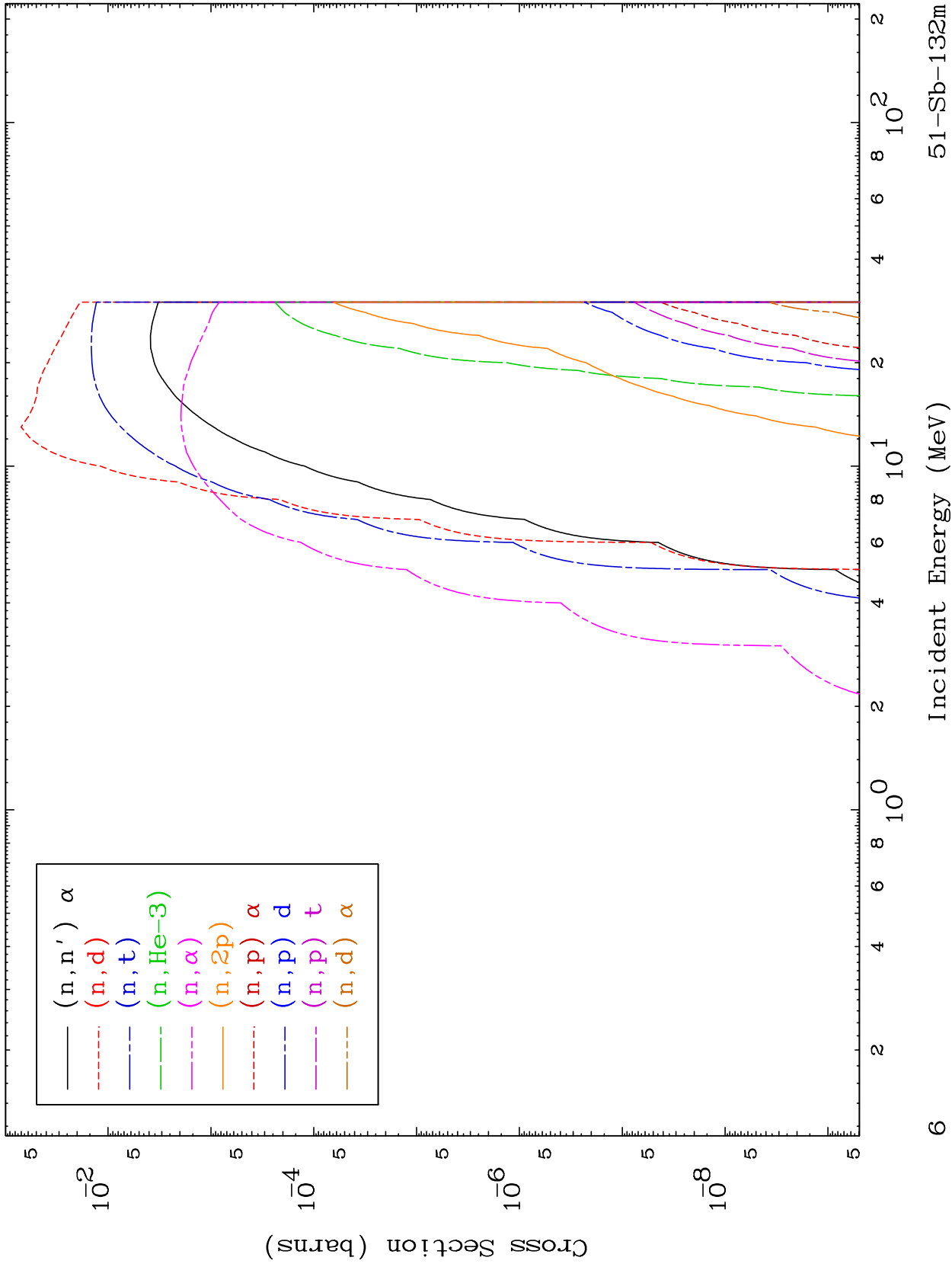
MAT 5159

Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-132m





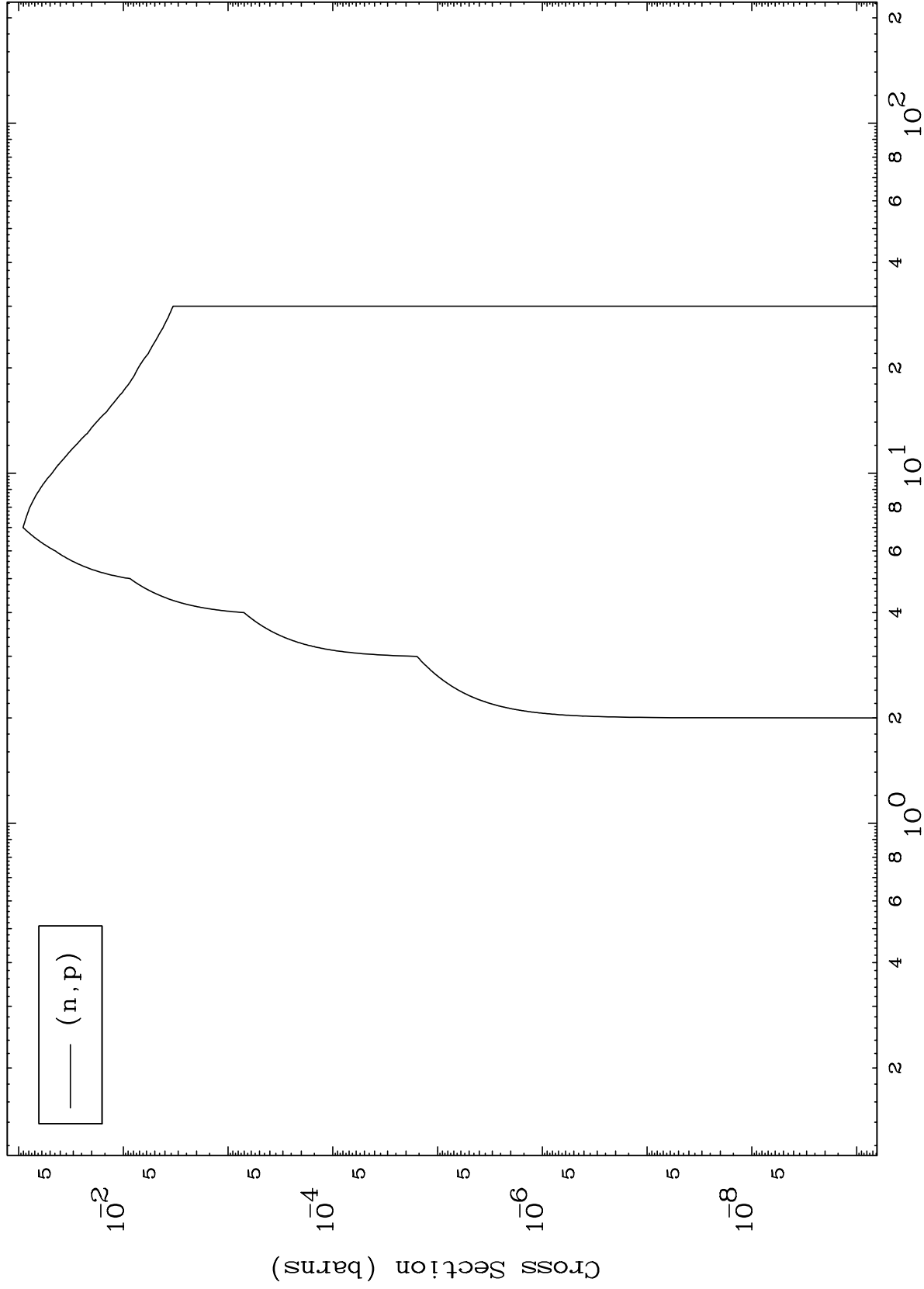


MAT 5159

(d,p) Levels

51-Sb-132m

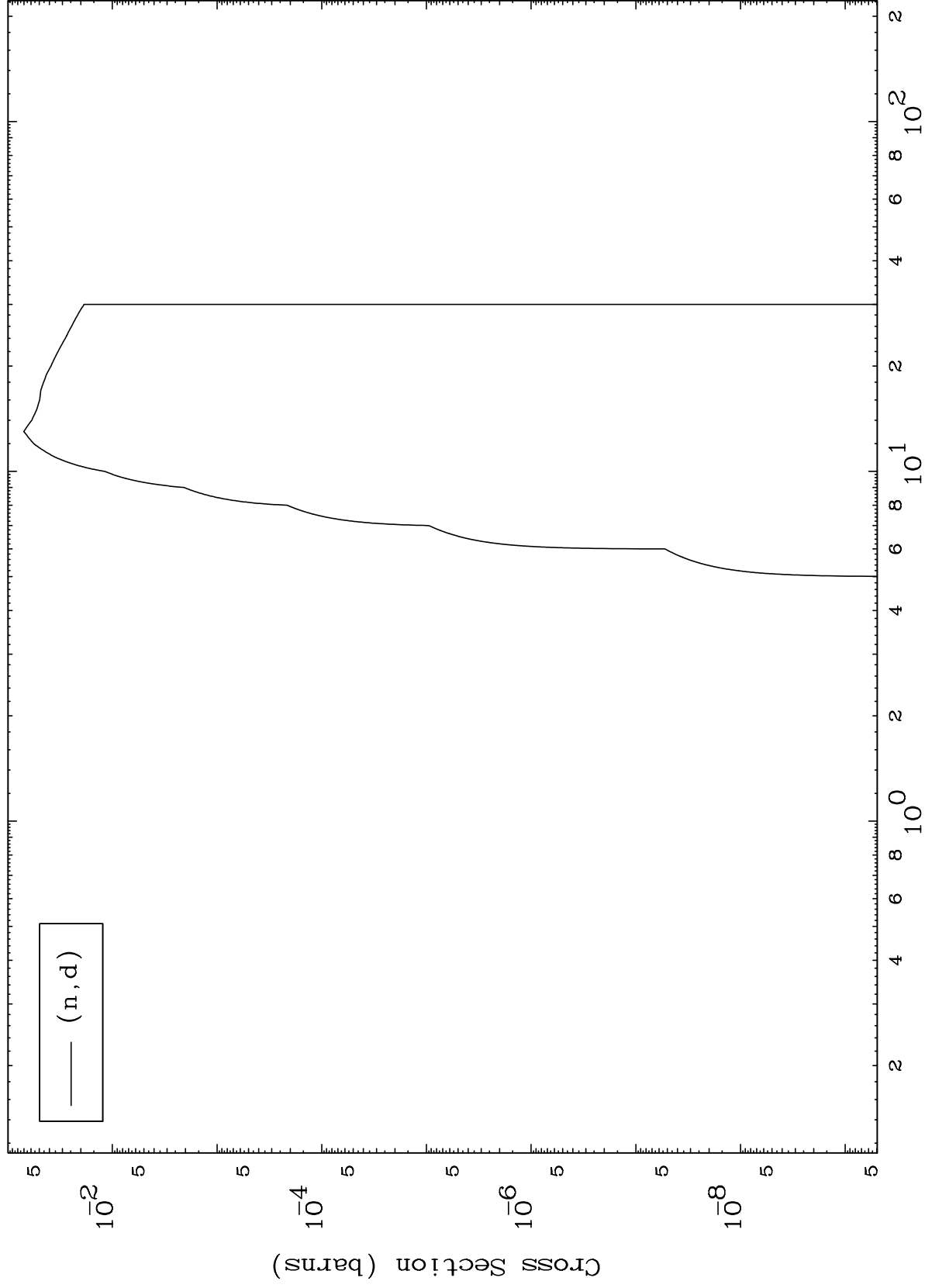
0 Kelvin Cross Sections



MAT 5159

(d,d) Levels
0 Kelvin Cross Sections

51-Sb-132m



8

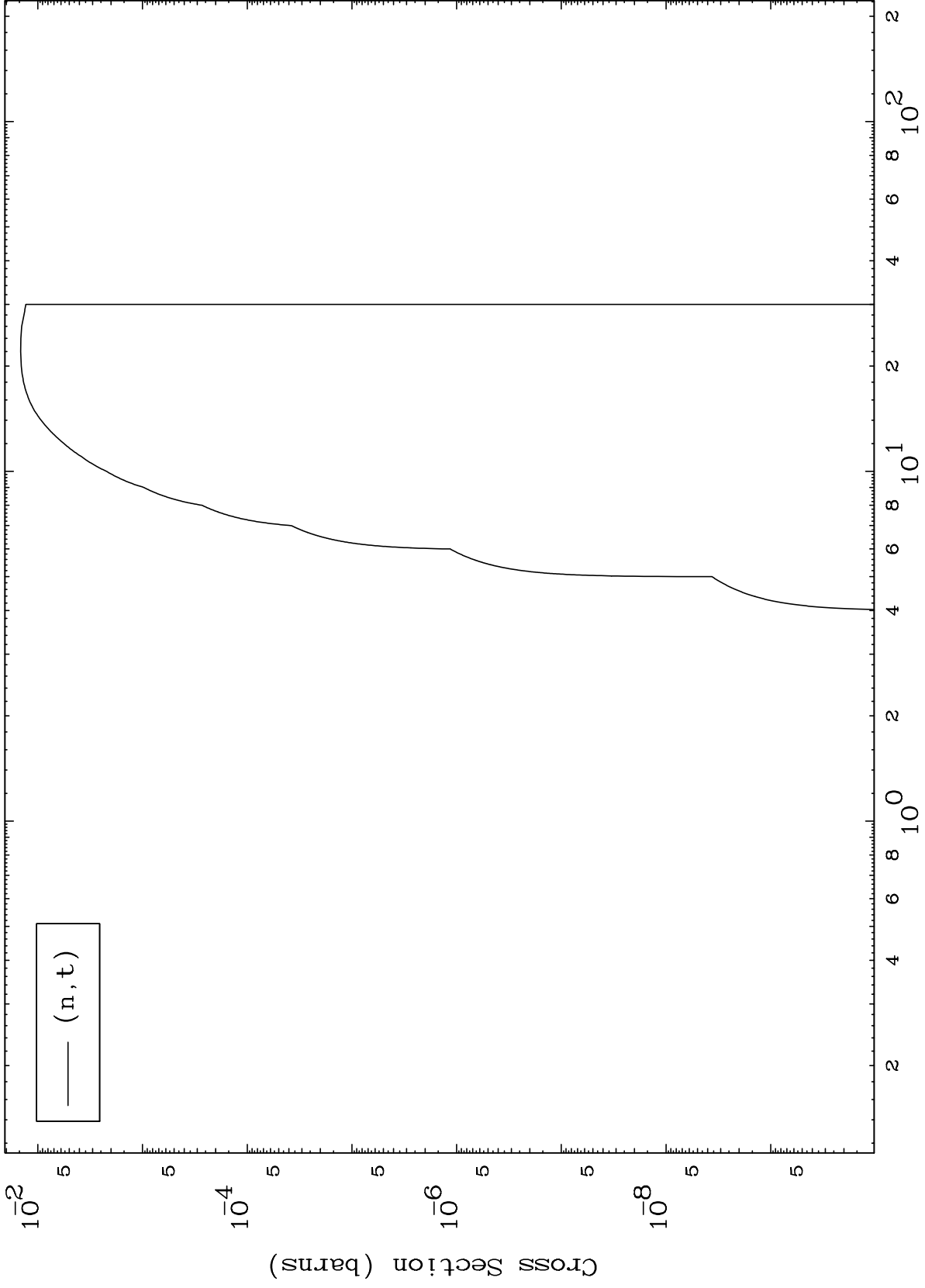
Incident Energy (MeV)

51-Sb-132m

MAT 5159

(d, t) Levels
0 Kelvin Cross Sections

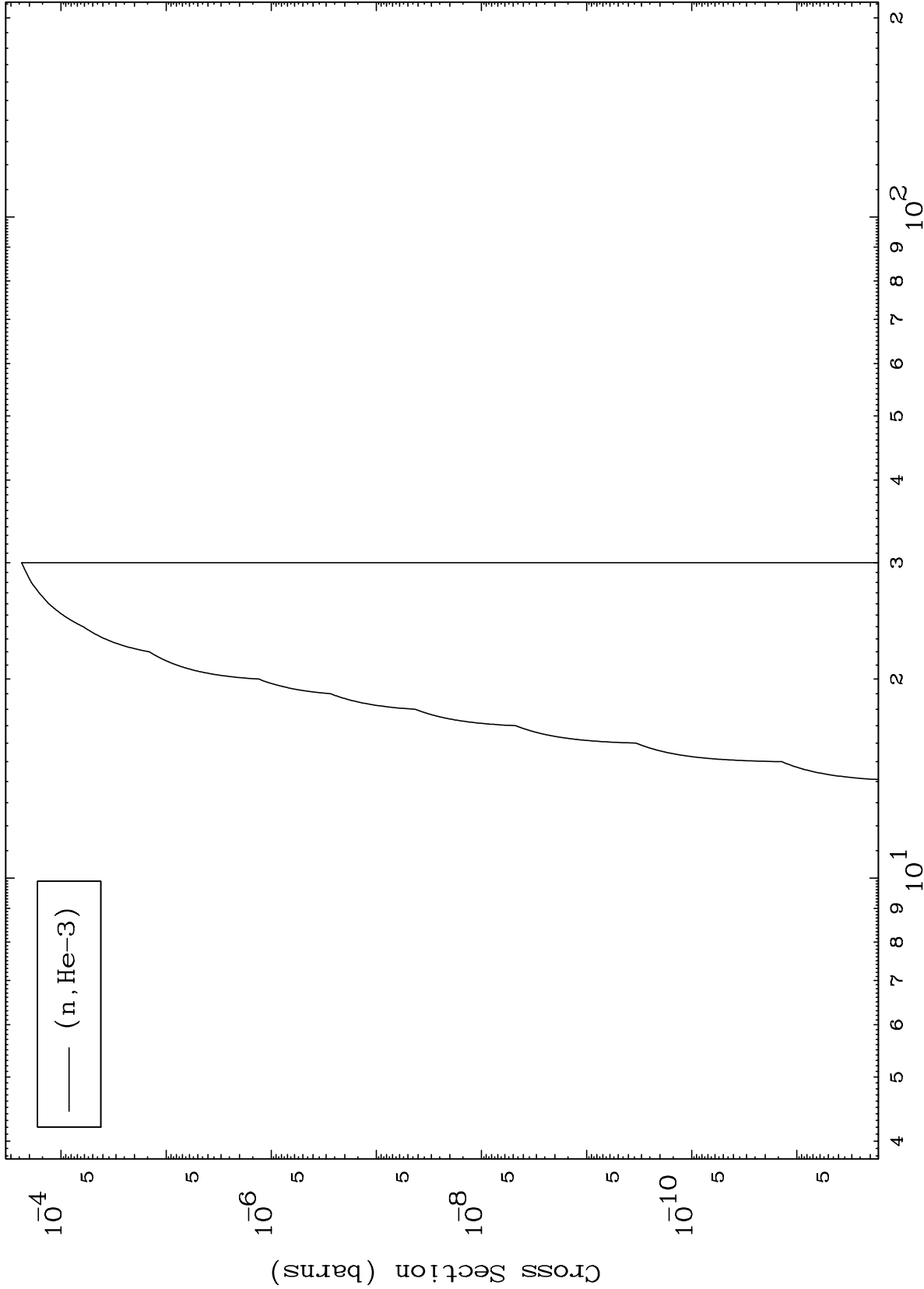
51-Sb-132m



MAT 5159

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-132m



10

Incident Energy (MeV)

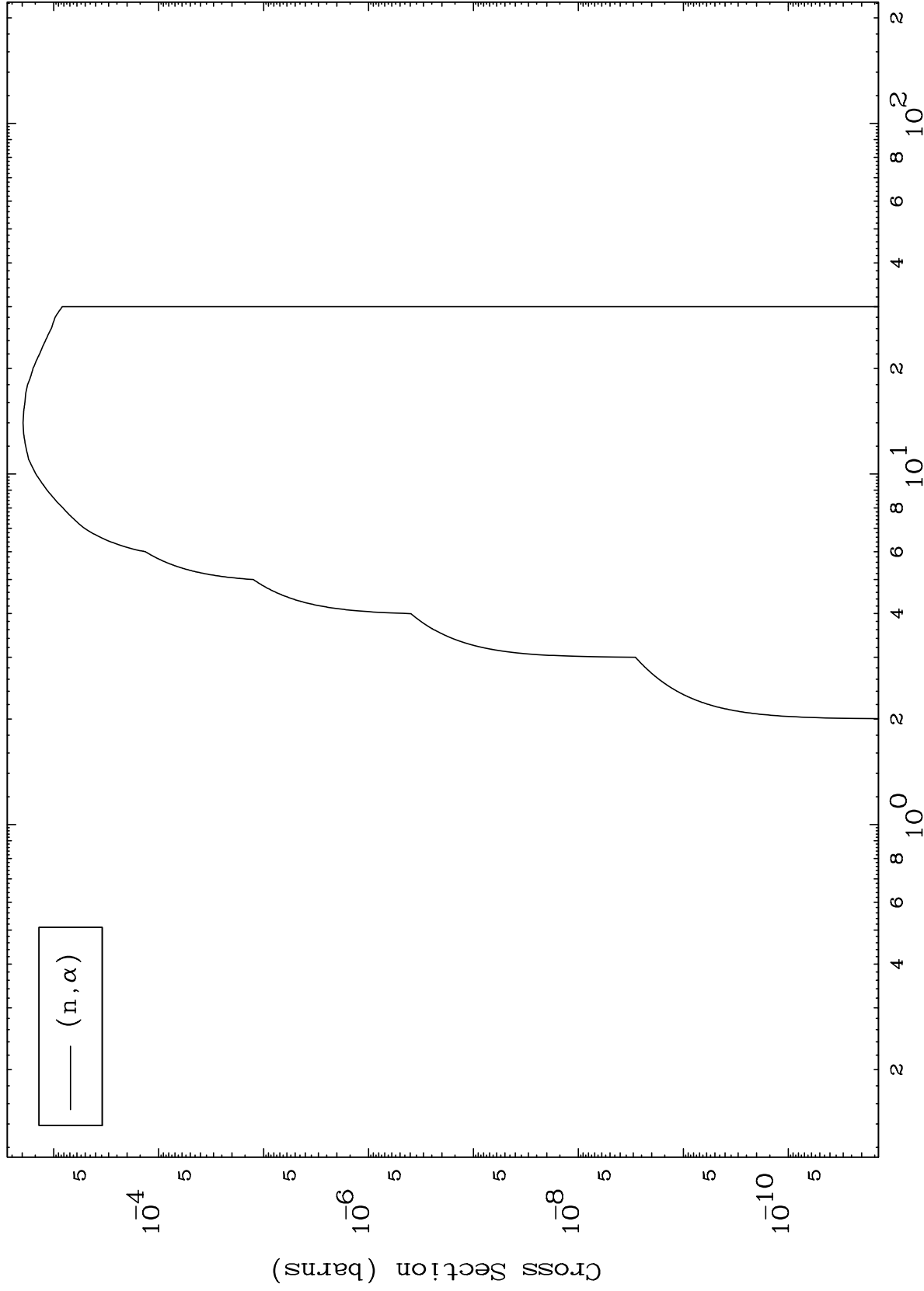
51-Sb-132m

MAT 5159

(d, α) Levels

51-Sb-132m

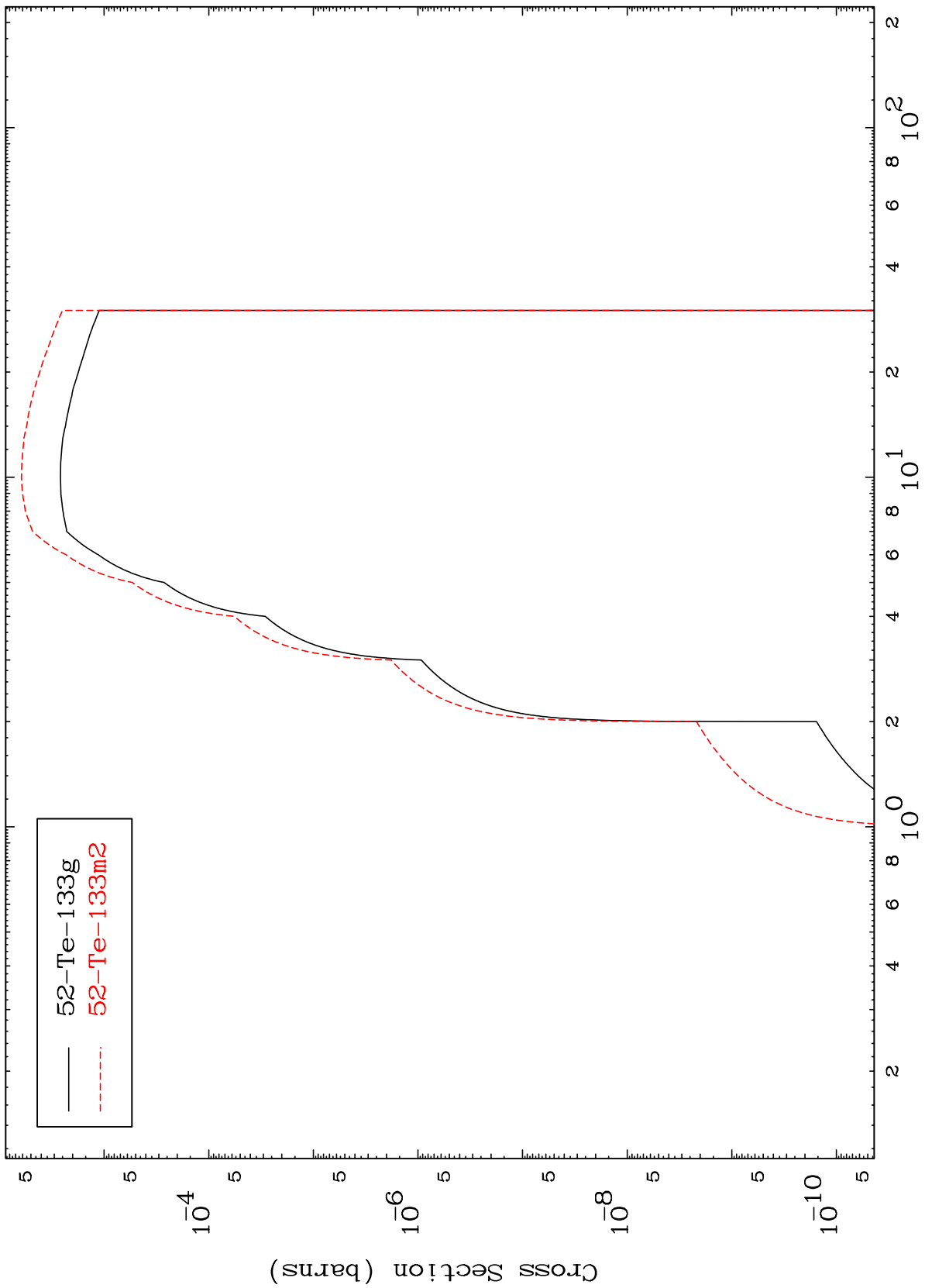
0 Kelvin Cross Sections



MAT 5159

51-Sb-132m

Radionuclide Production Cross Section



51-Sb-132m

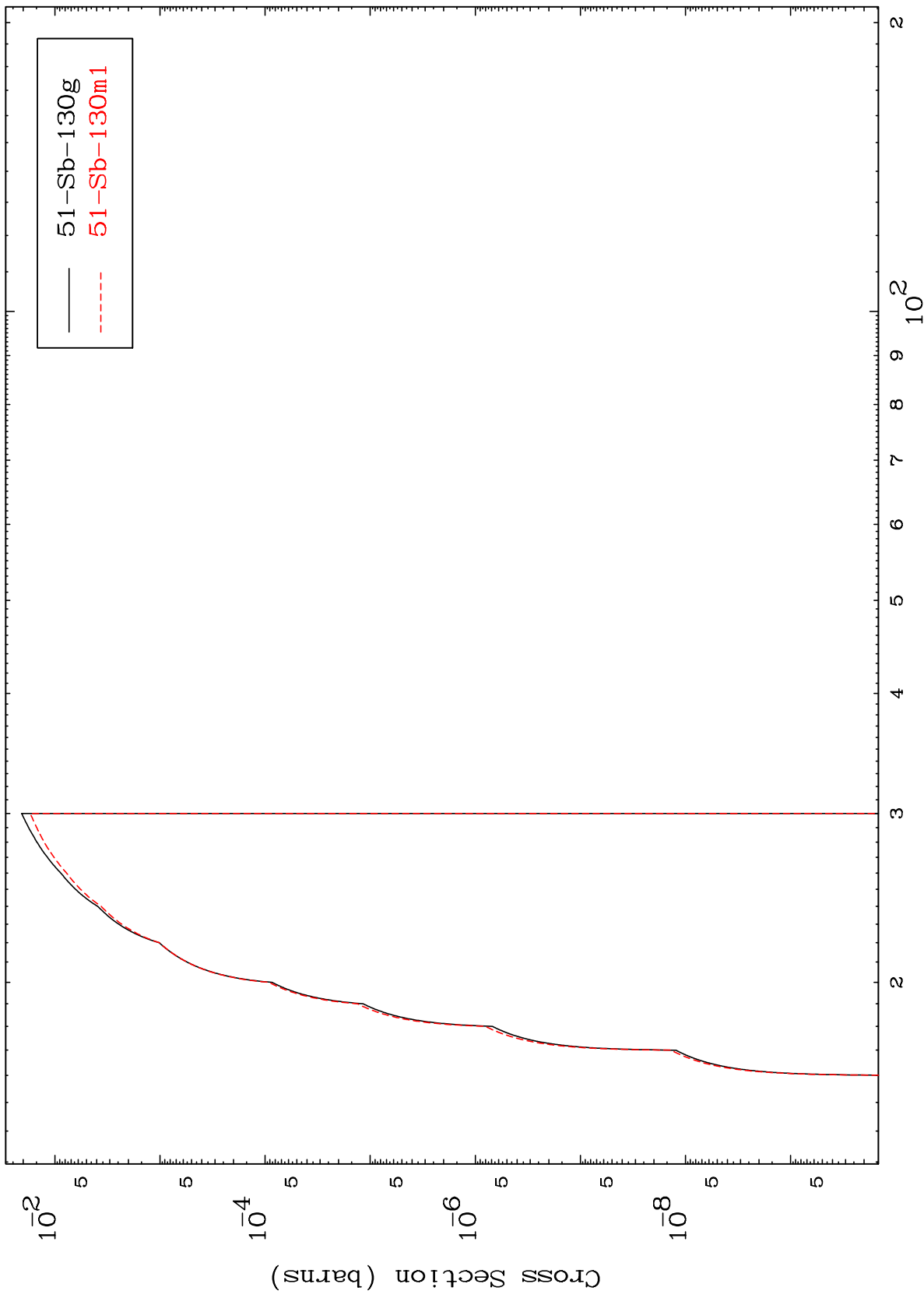
Incident Energy (MeV)

12

MAT 5159

51-Sb-132m

(n,2n) d
Radionuclide Production Cross Section



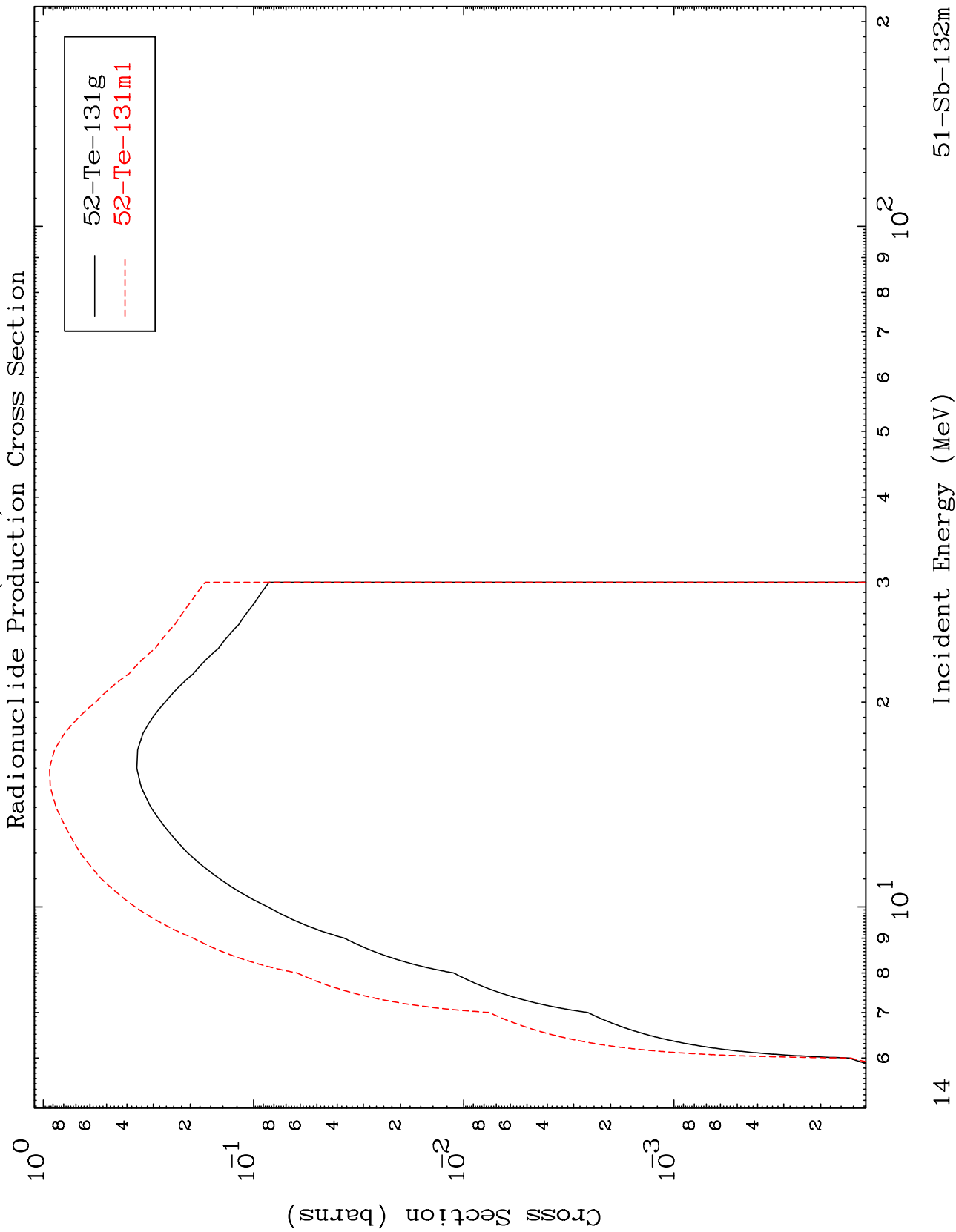
13

Incident Energy (MeV)

51-Sb-132m

MAT 5159

51-Sb-132m



51-Sb-132m

Incident Energy (MeV)

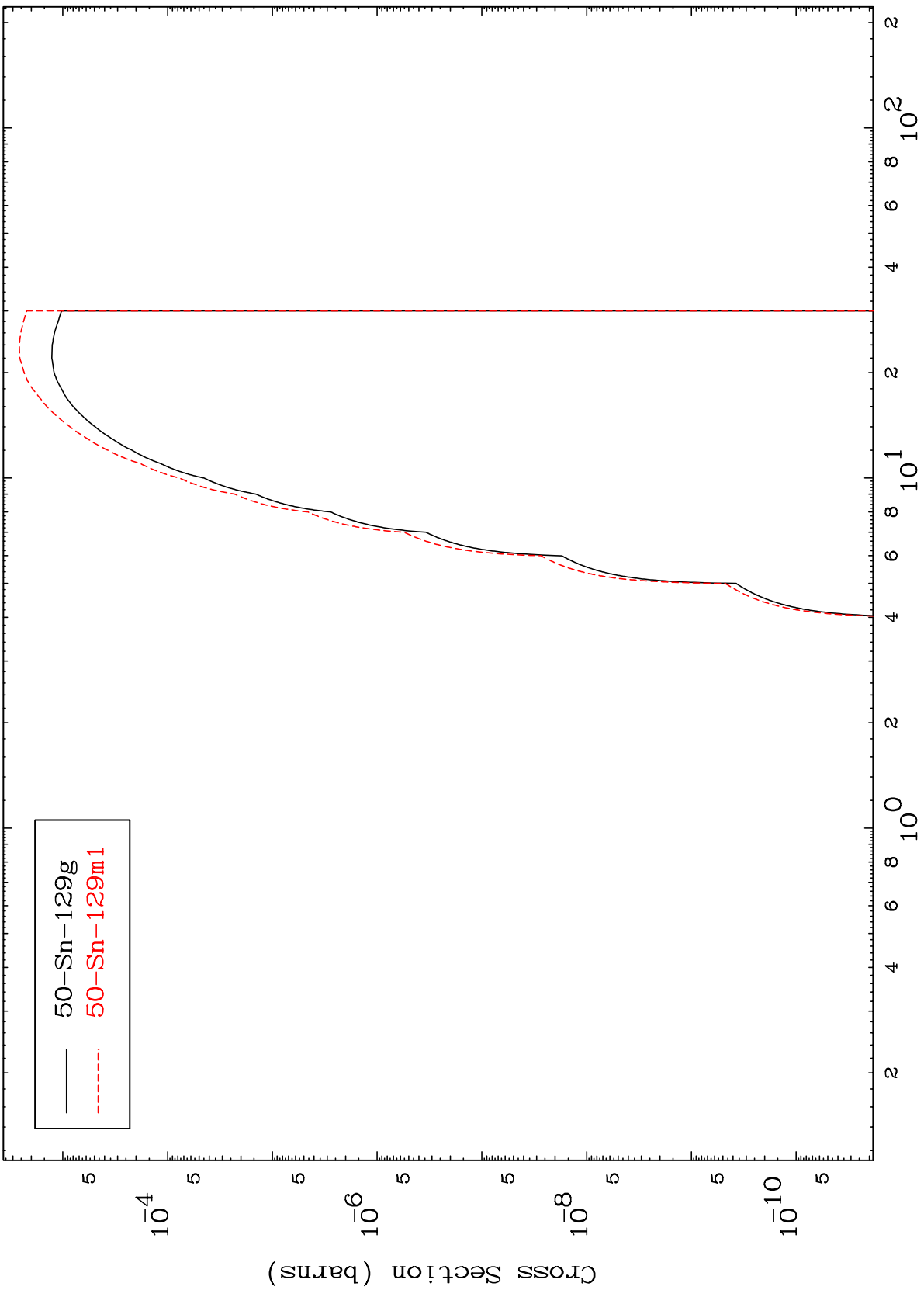
14

MAT 5159

$(n, n') \alpha$

51-Sb-132m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

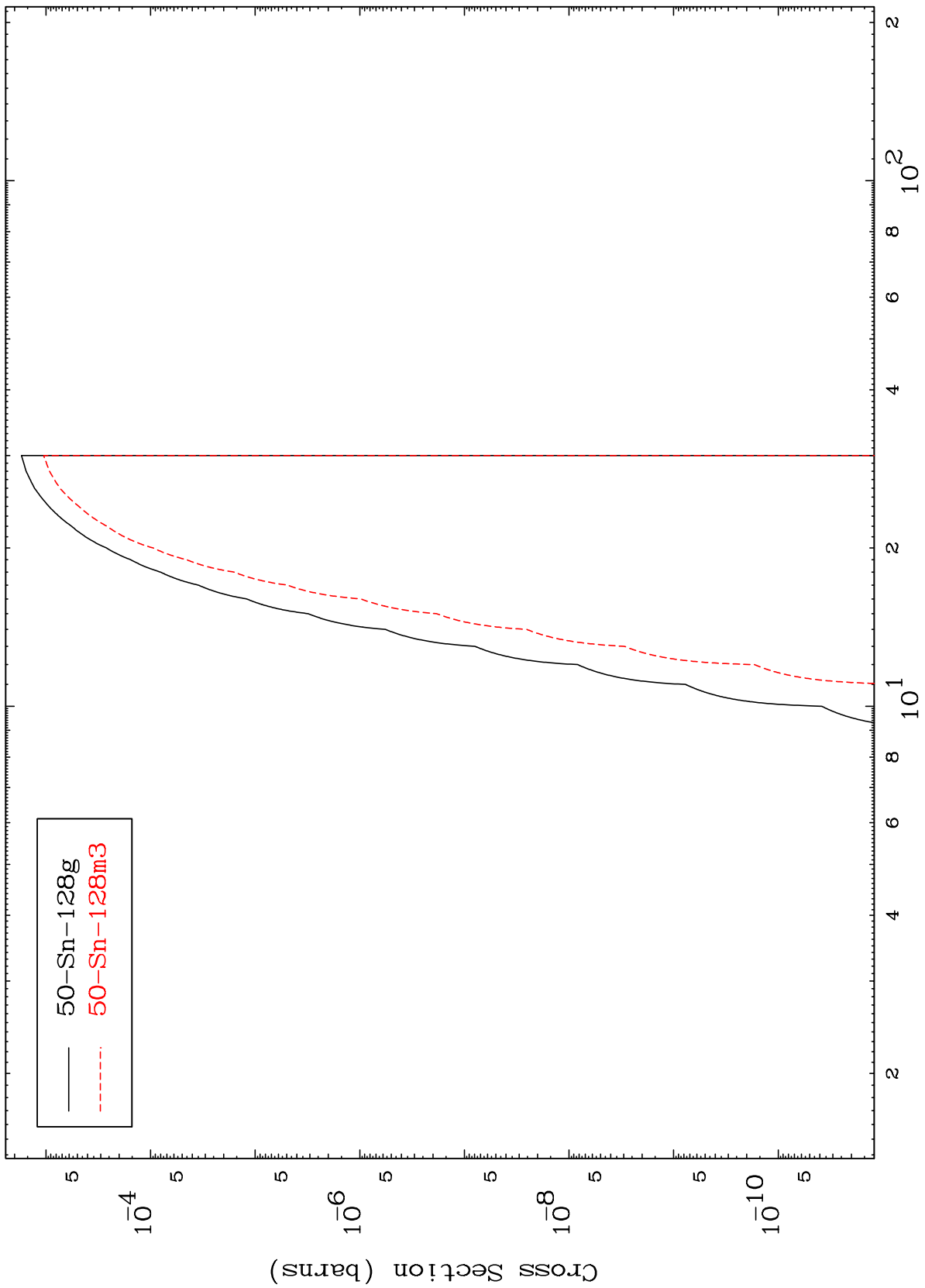
51-Sb-132m

MAT 5159

(n,2n) α

51-Sb-132m

Radionuclide Production Cross Section

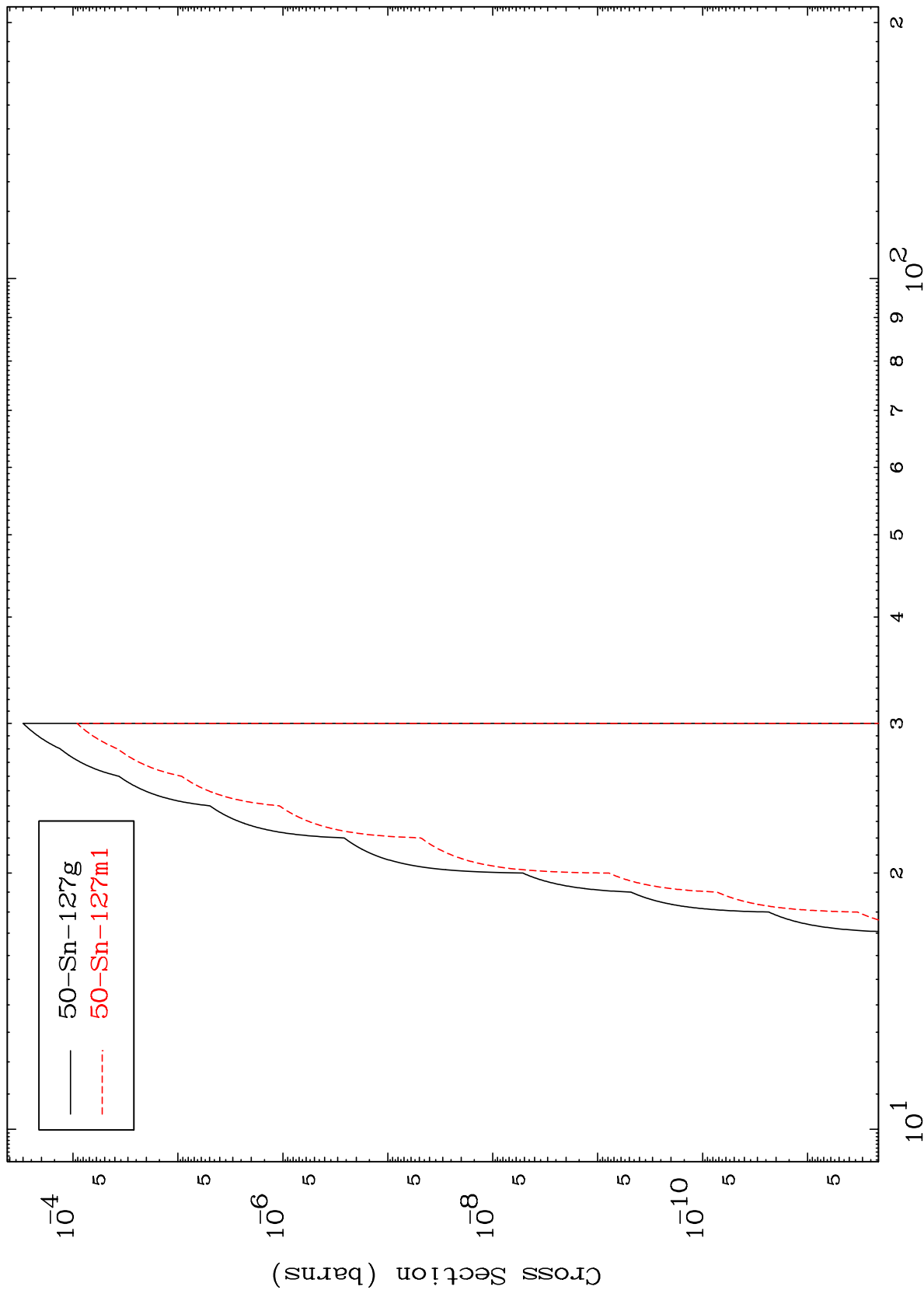


MAT 5159

(n,3n) α

51-Sb-132m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

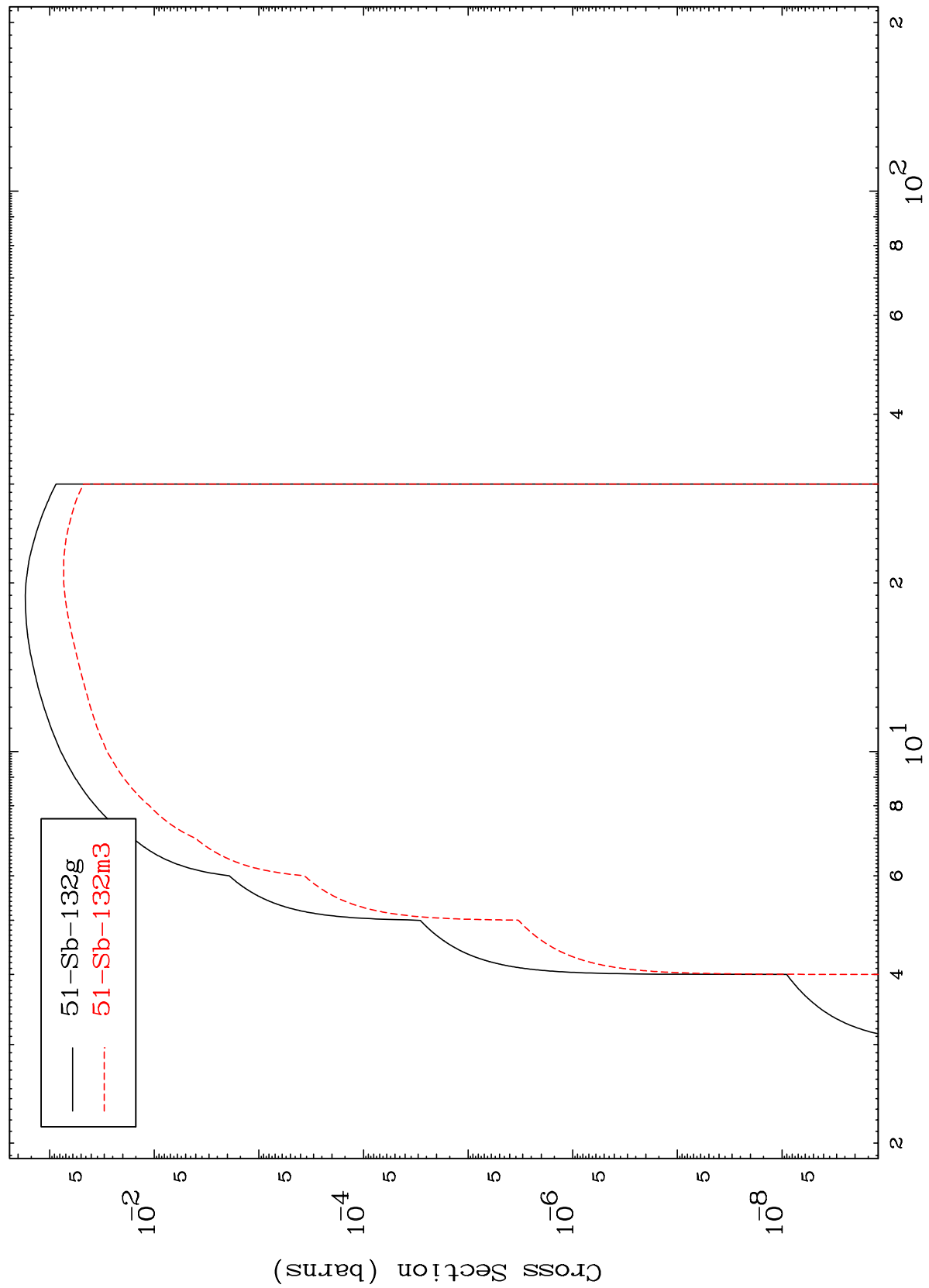
51-Sb-132m

MAT 5159

51-Sb-132m

(n,n') p

Radionuclide Production Cross Section



18

Incident Energy (MeV)

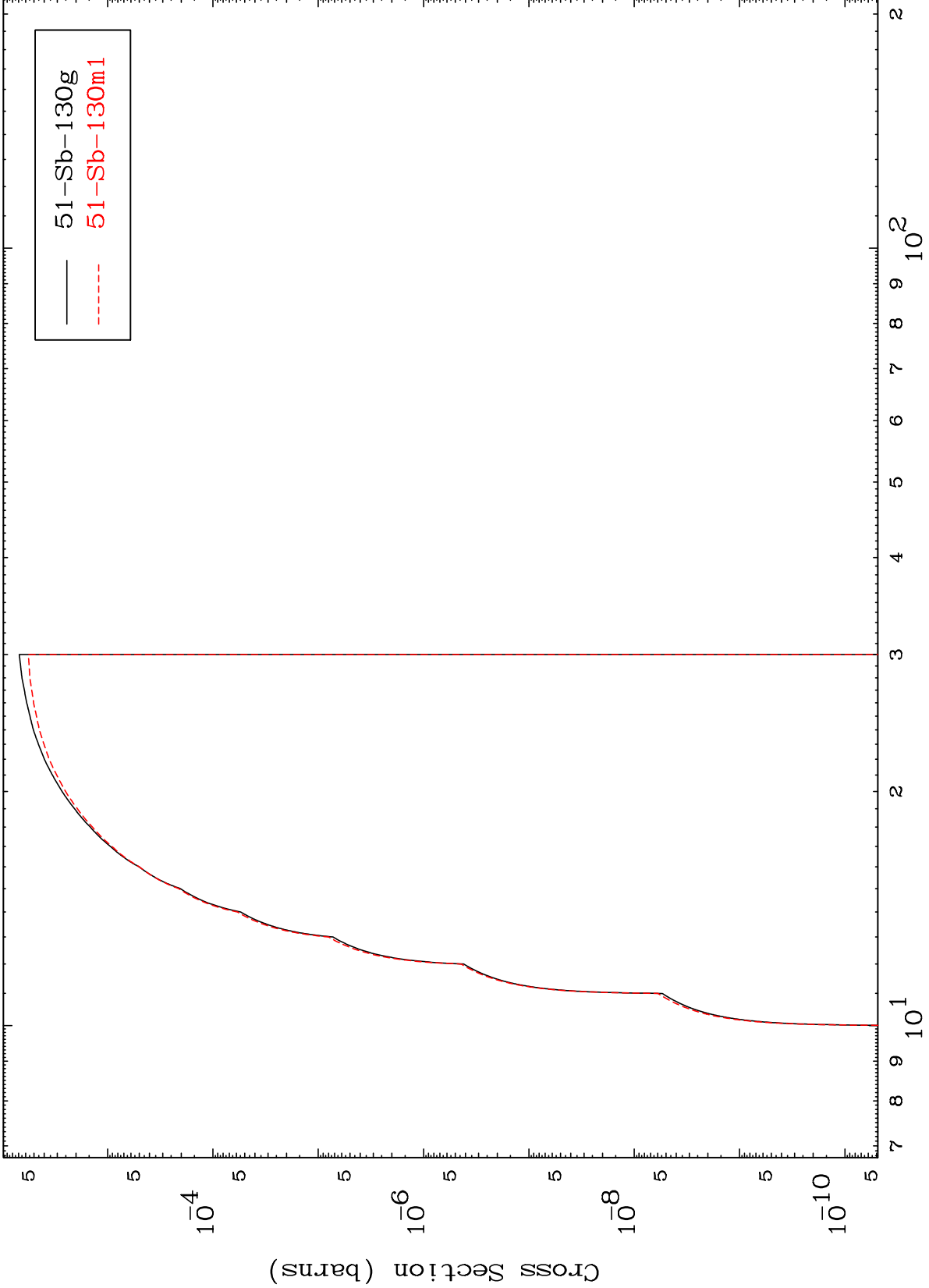
51-Sb-132m

MAT 5159

(n,n') t

51-Sb-132m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

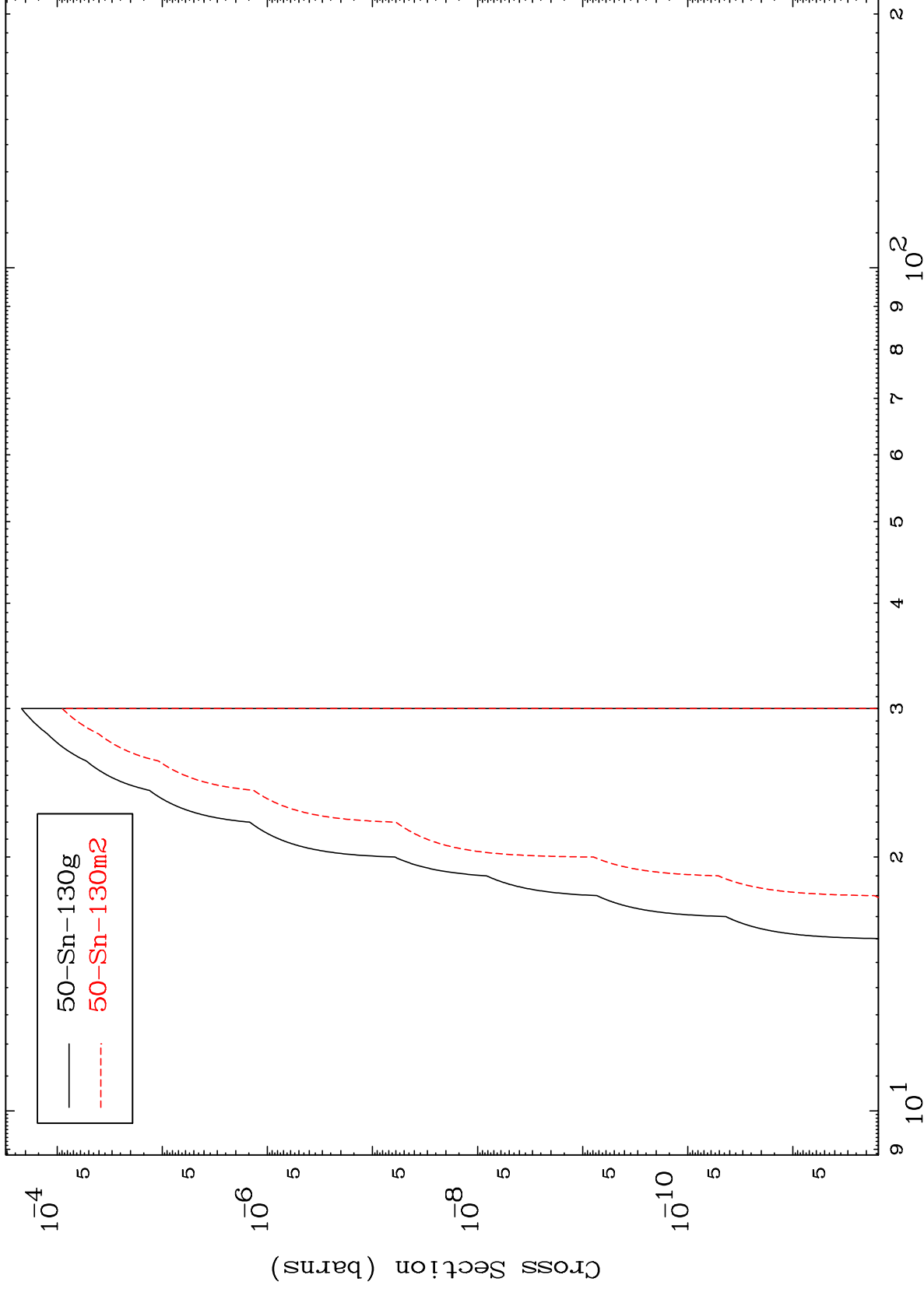
51-Sb-132m

MAT 5159

(n,n') He-3

51-Sb-132m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132m

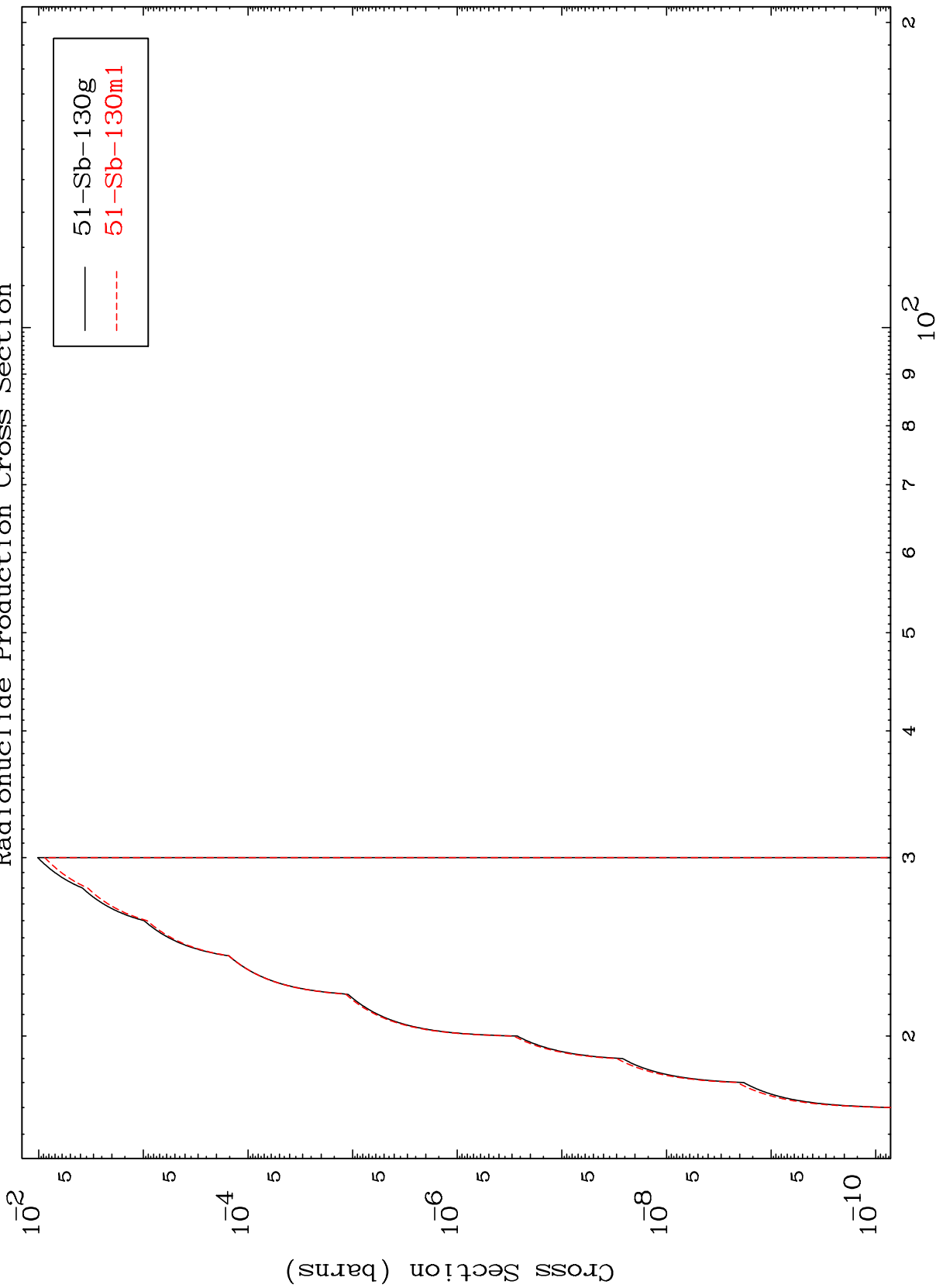
20

MAT 5159

(n,3n) p

51-Sb-132m

Radionuclide Production Cross Section



21

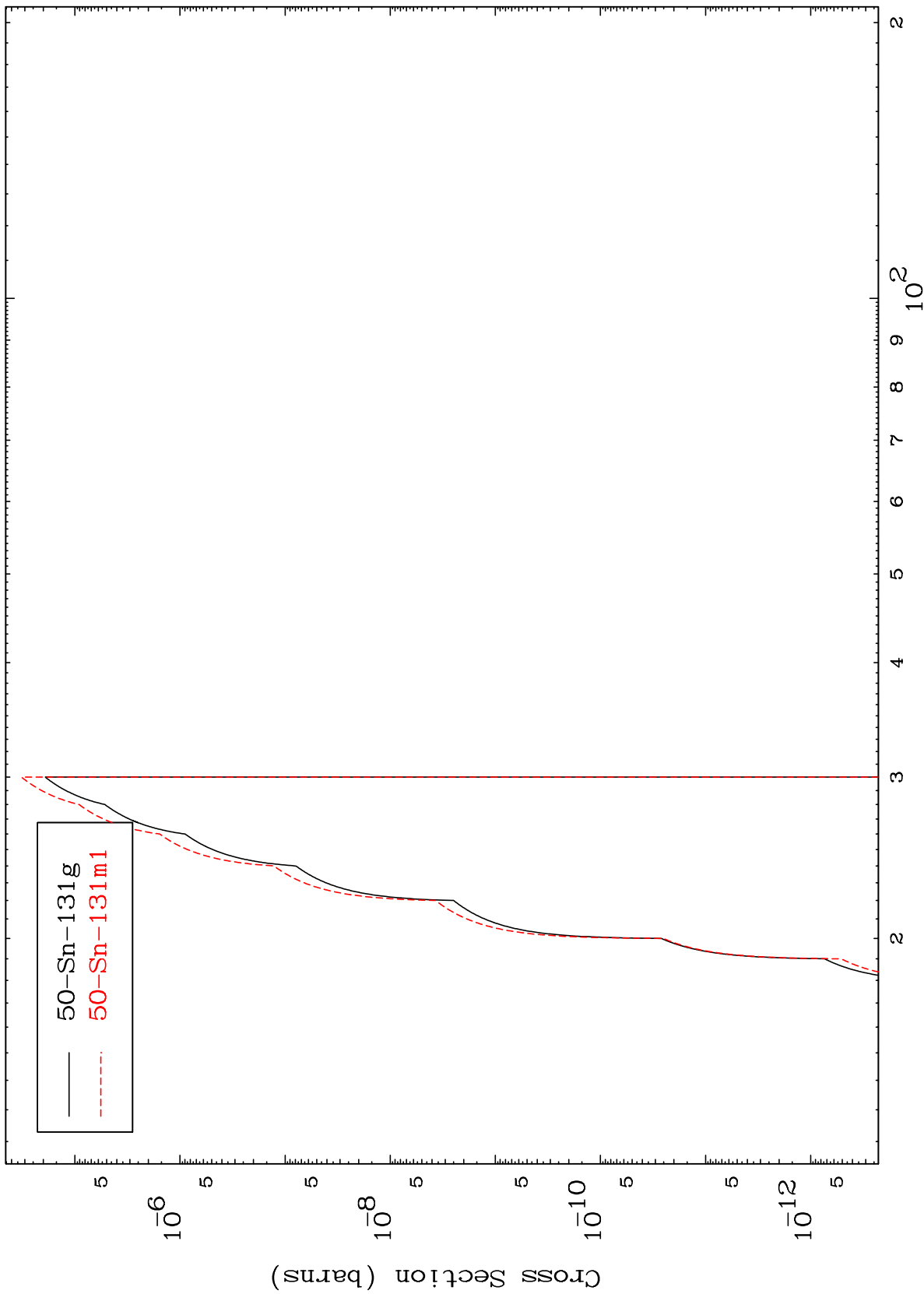
Incident Energy (MeV)

51-Sb-132m

MAT 5159

51-Sb-132m

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

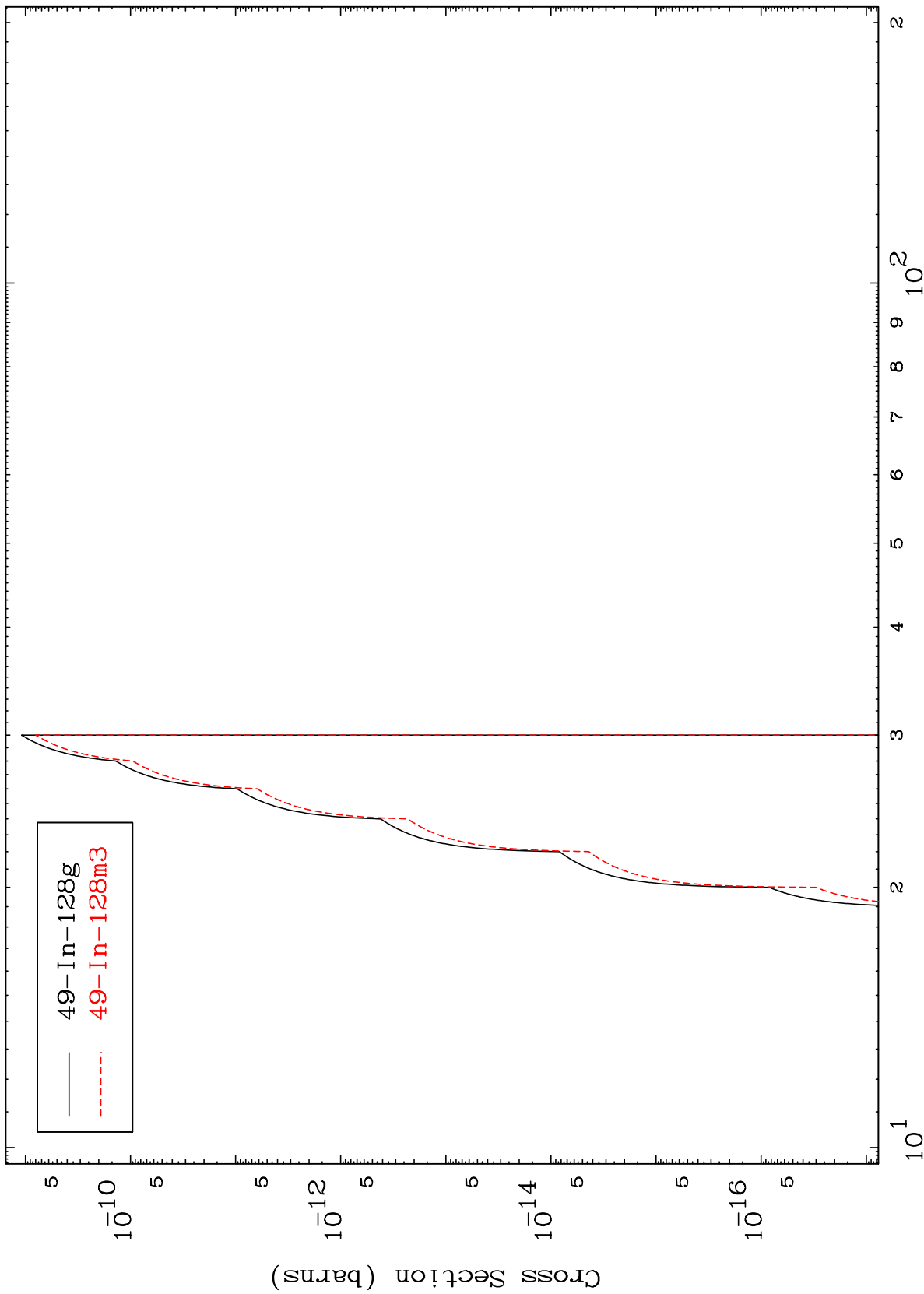
51-Sb-132m

MAT 5159

(n,n') p α

51-Sb-132m

Radionuclide Production Cross Section



Incident Energy (MeV)

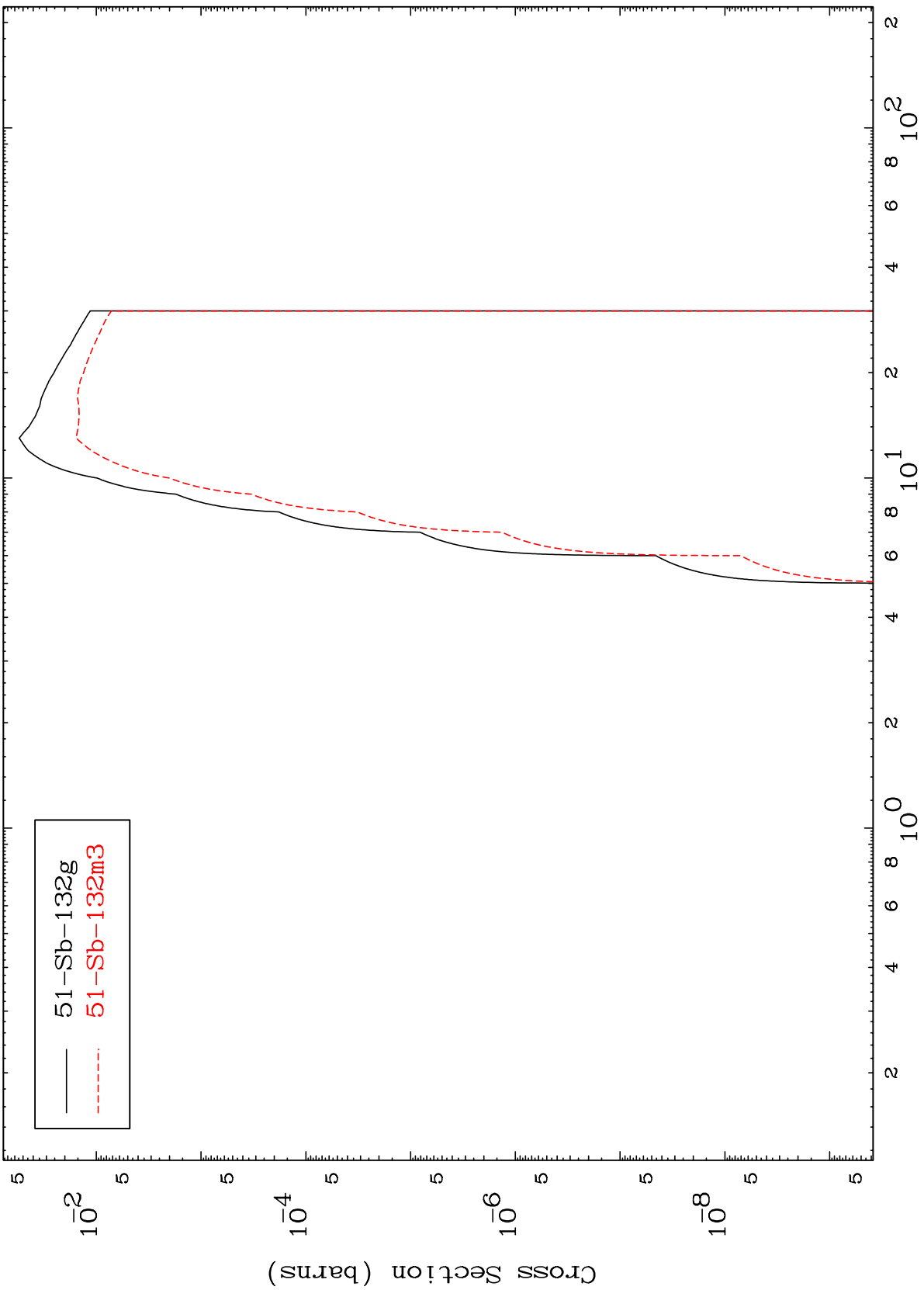
51-Sb-132m

23

MAT 5159

51-Sb-132m

(n, d)
Radionuclide Production Cross Section



51-Sb-132g
51-Sb-132m3

51-Sb-132m

Incident Energy (MeV)

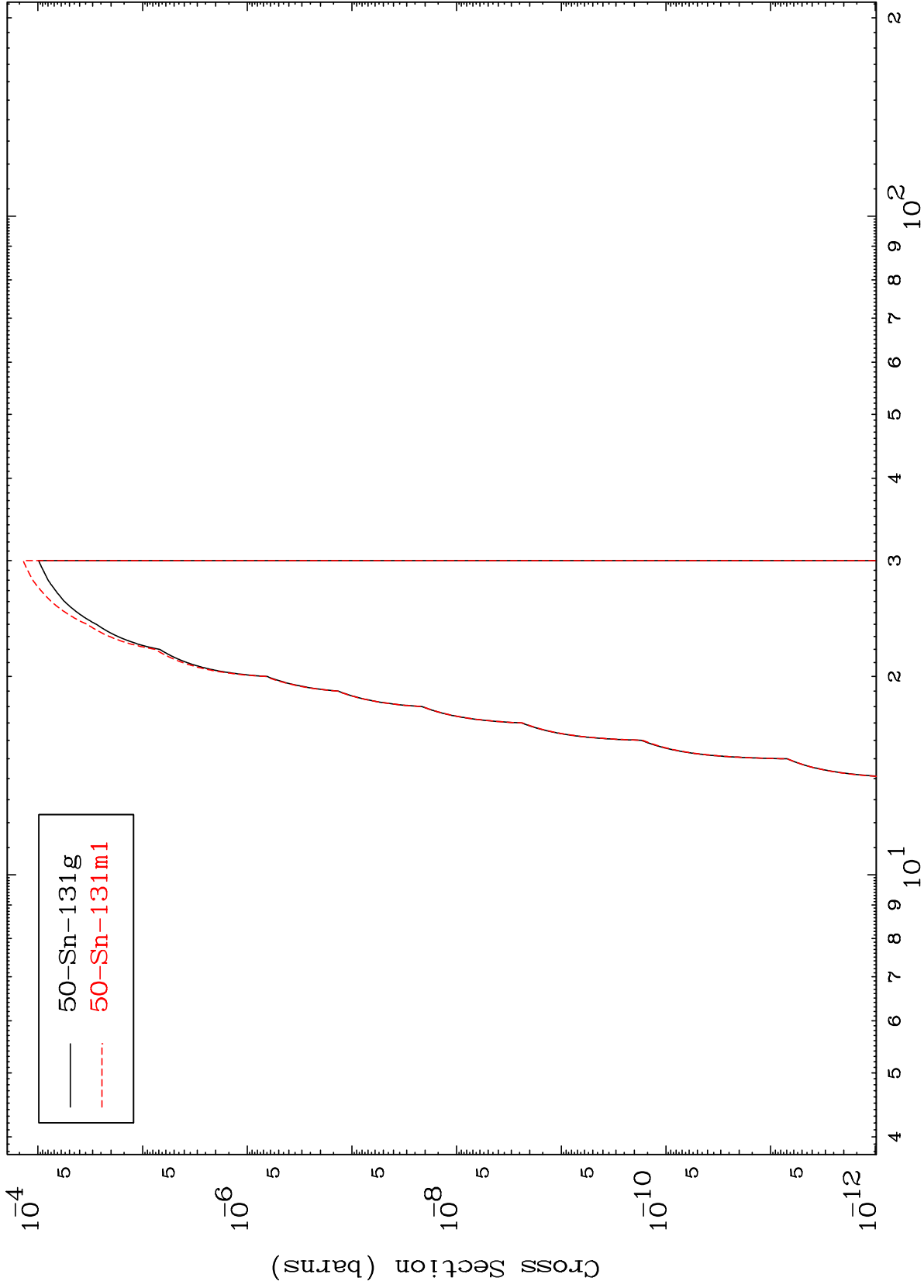
24

MAT 5159

(n,He-3)

51-Sb-132m

Radionuclide Production Cross Section



25

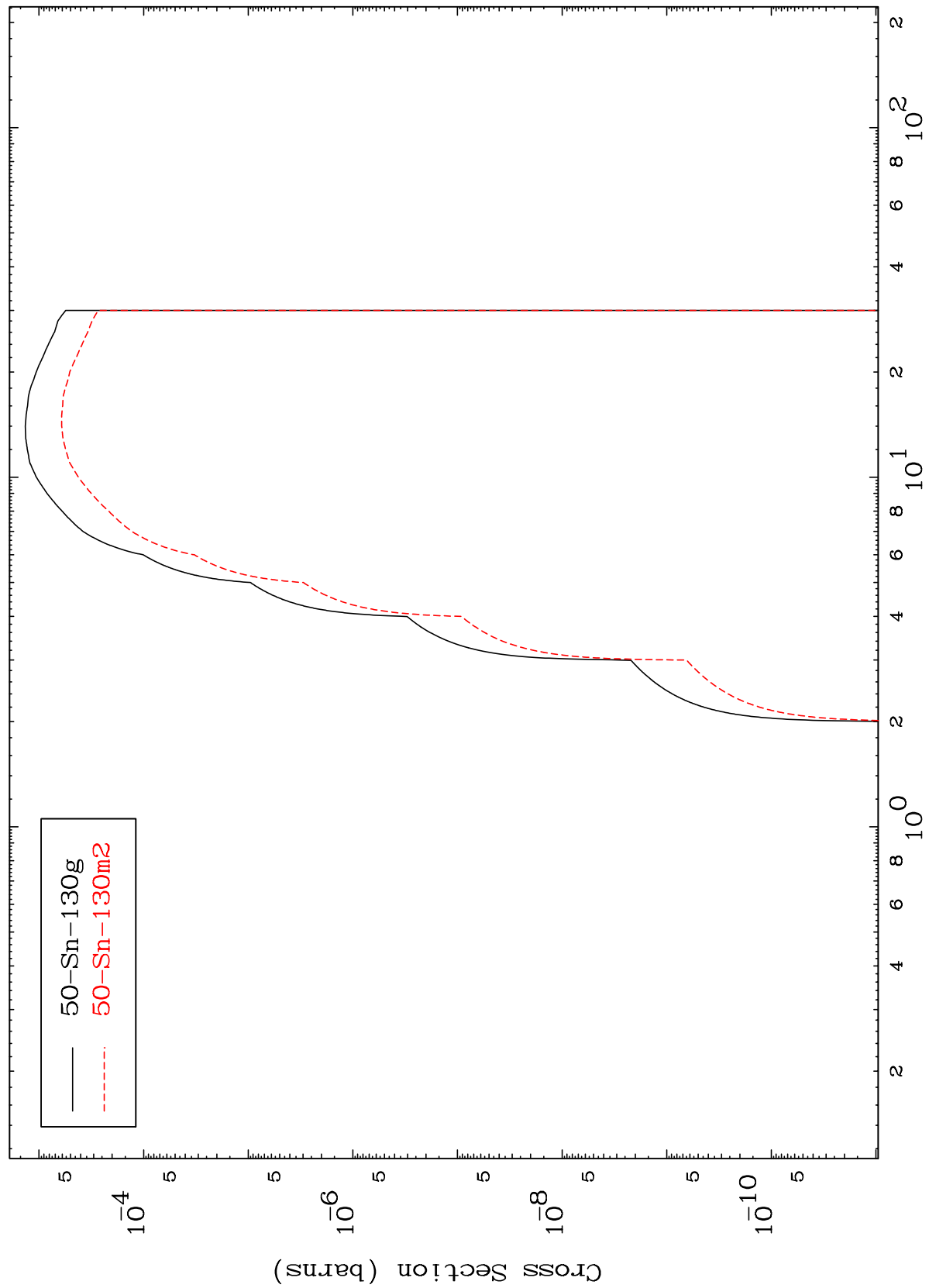
Incident Energy (MeV)

51-Sb-132m

MAT 5159

51-Sb-132m

(n, α)
Radionuclide Production Cross Section



51-Sb-132m

Incident Energy (MeV)

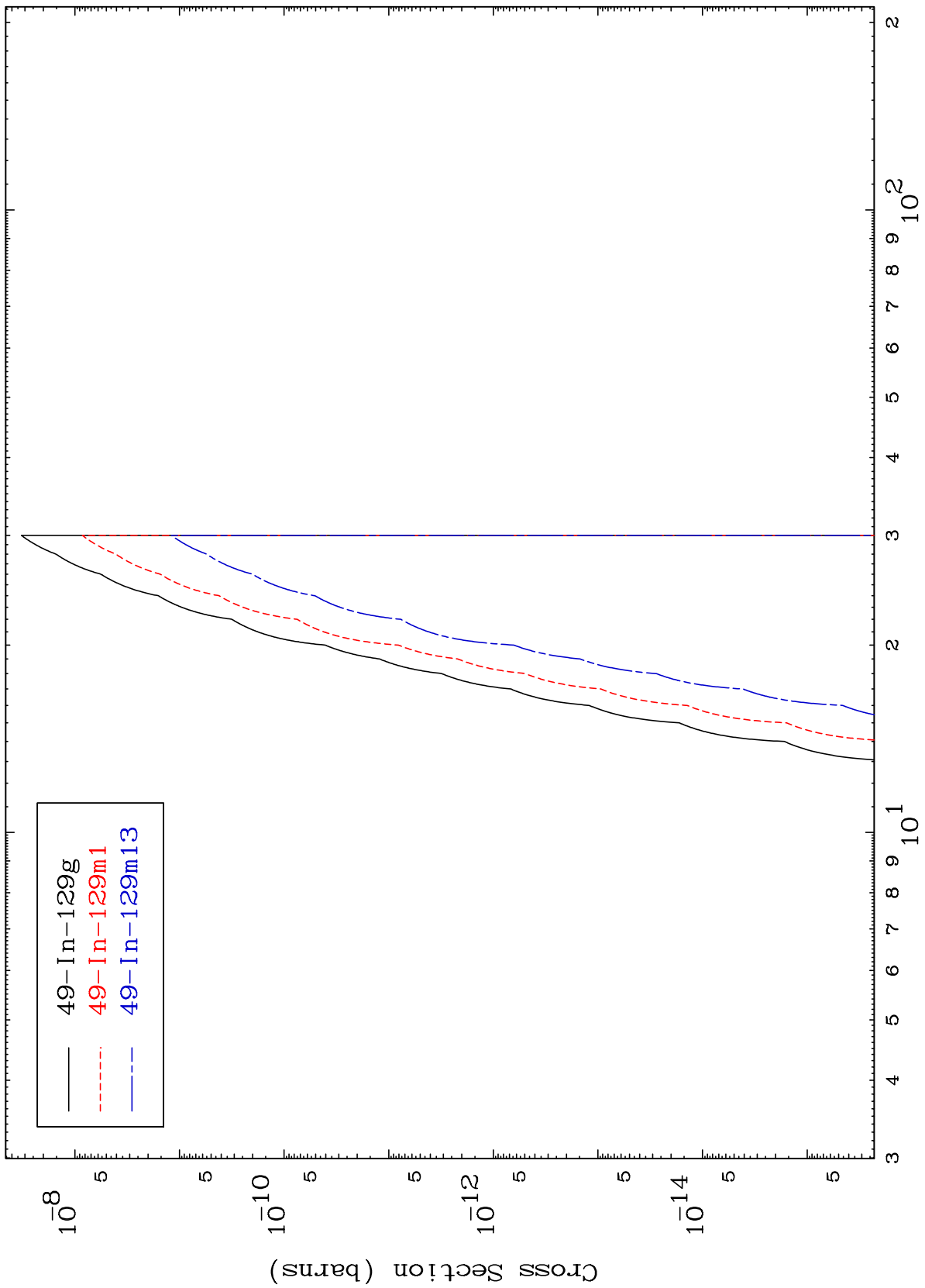
26

MAT 5159

(n,p) α

51-Sb-132m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

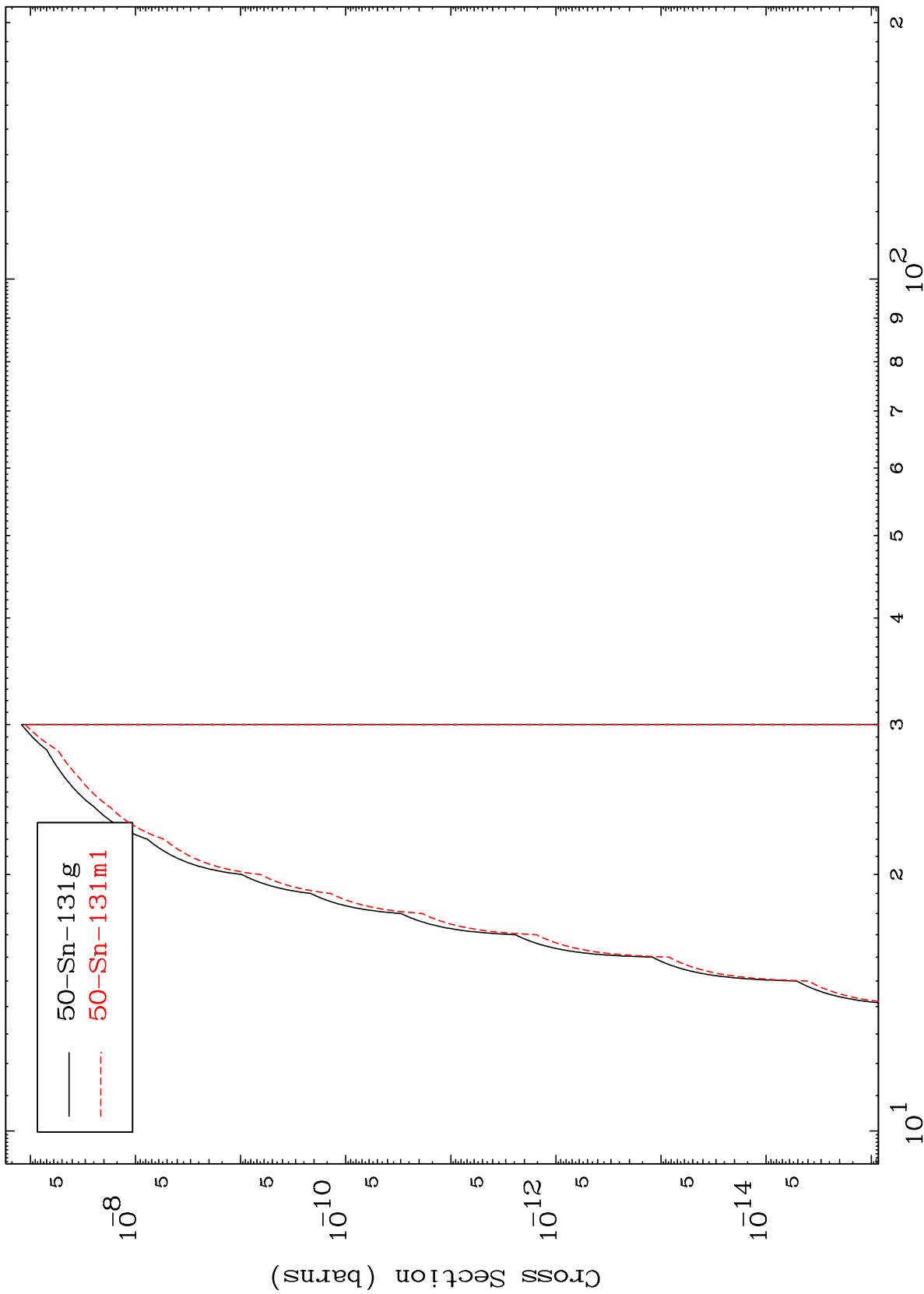
51-Sb-132m

MAT 5159

(n,p) d

51-Sb-132m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132m

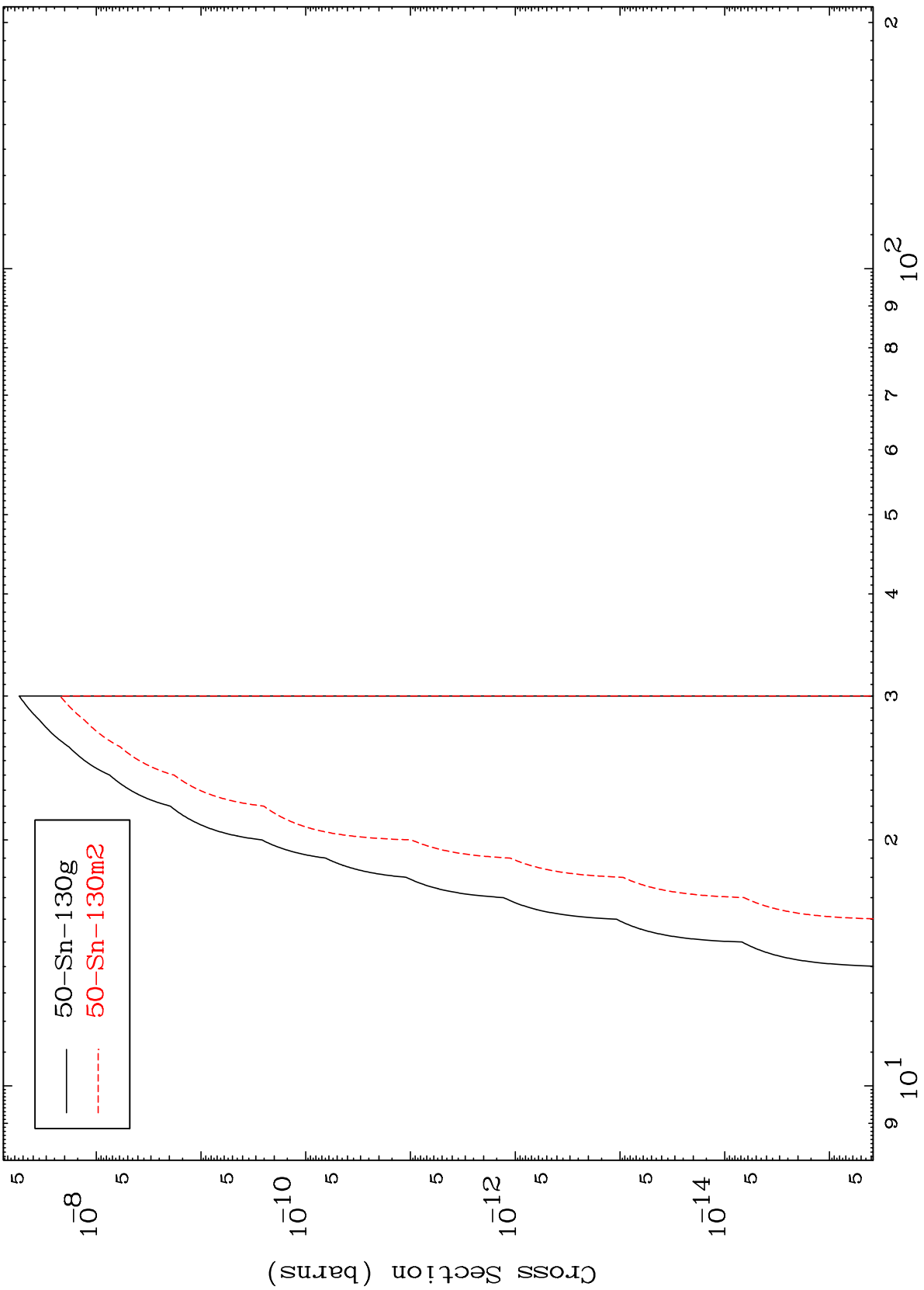
28

MAT 5159

(n,p) t

51-Sb-132m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

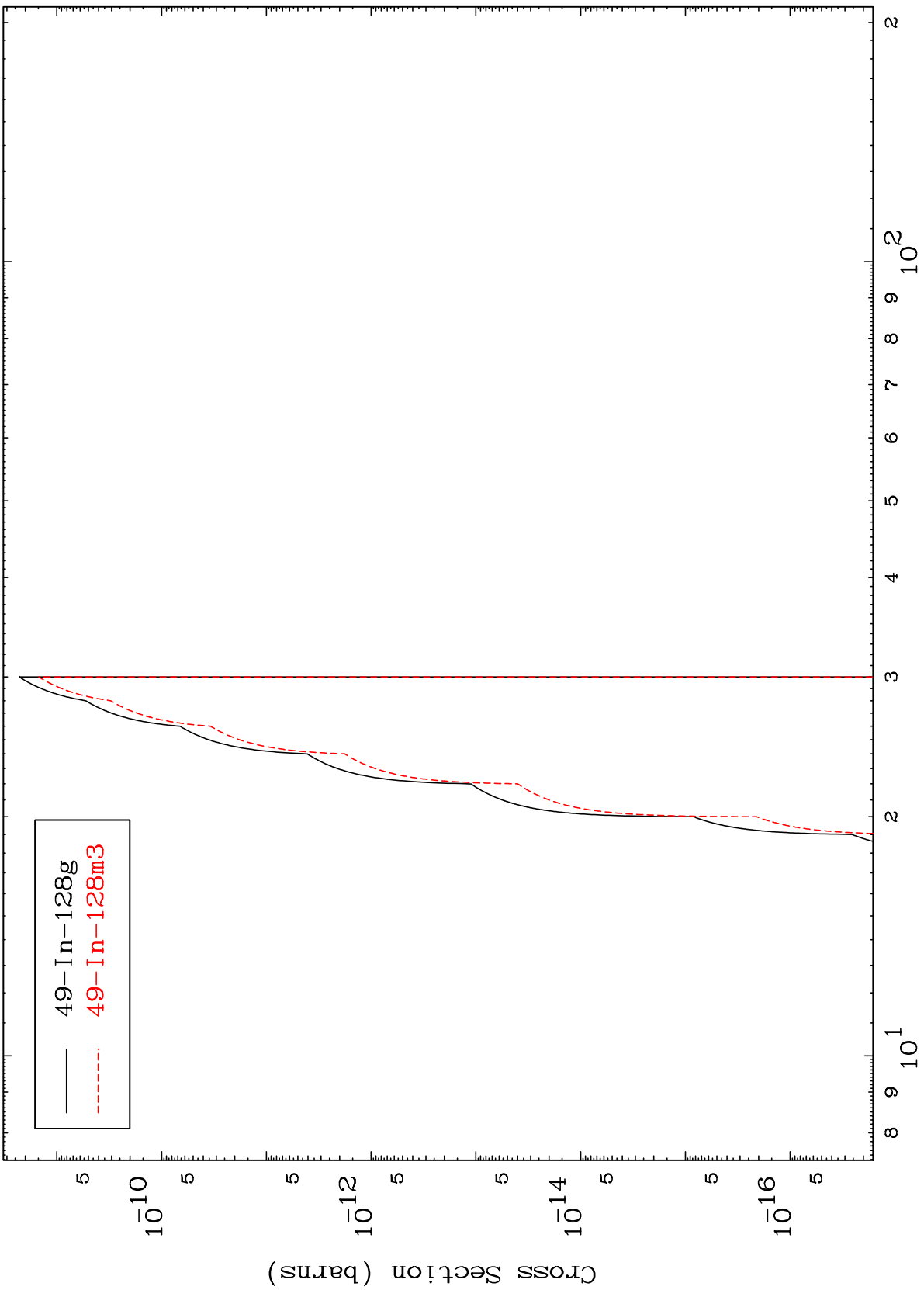
51-Sb-132m

MAT 5159

51-Sb-132m

(n,d) α

Radionuclide Production Cross Section



49-In-128g
49-In-128m3

51-Sb-132m

Incident Energy (MeV)

30