

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

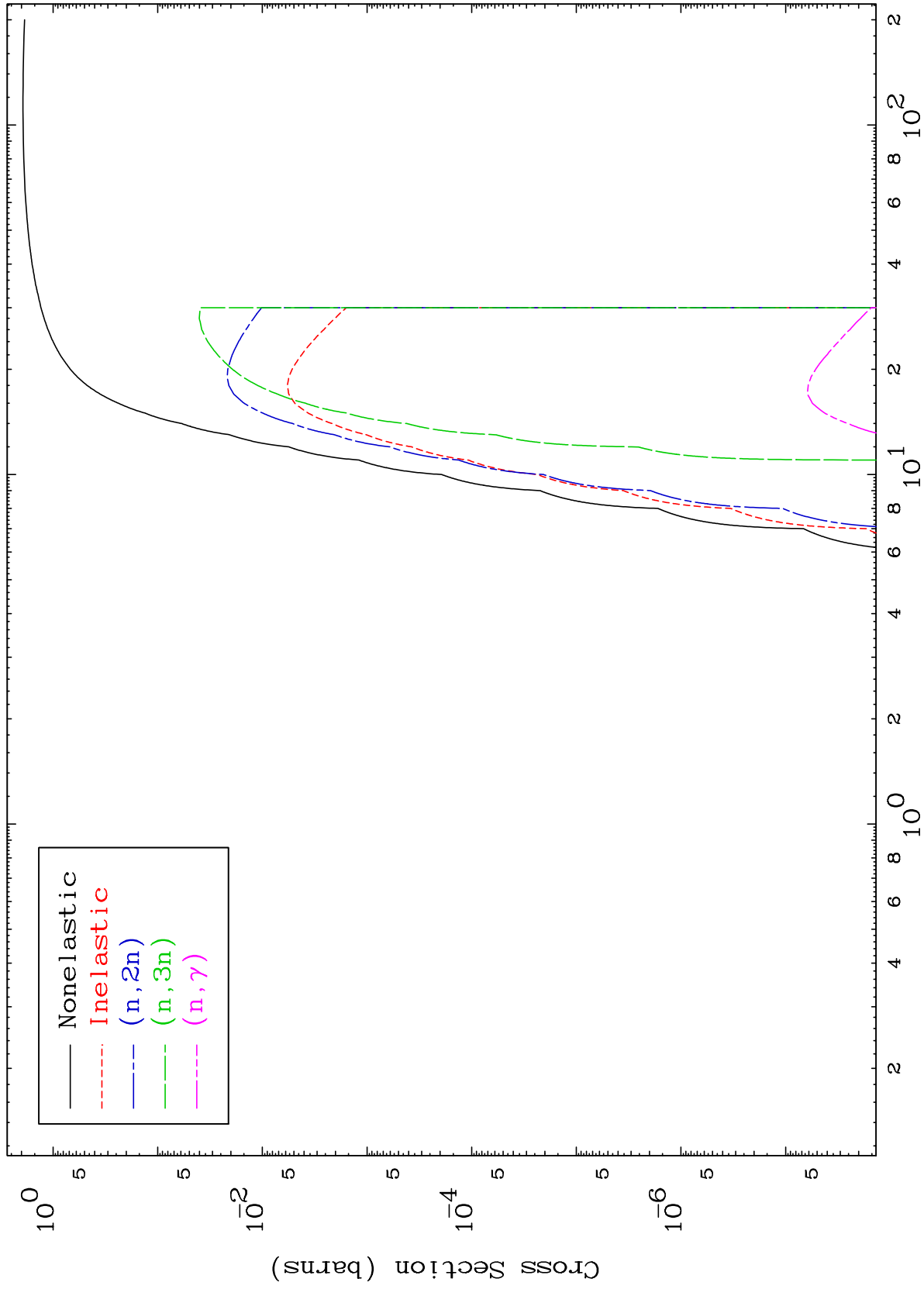
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5131

He-3 Major
0 Kelvin Cross Sections

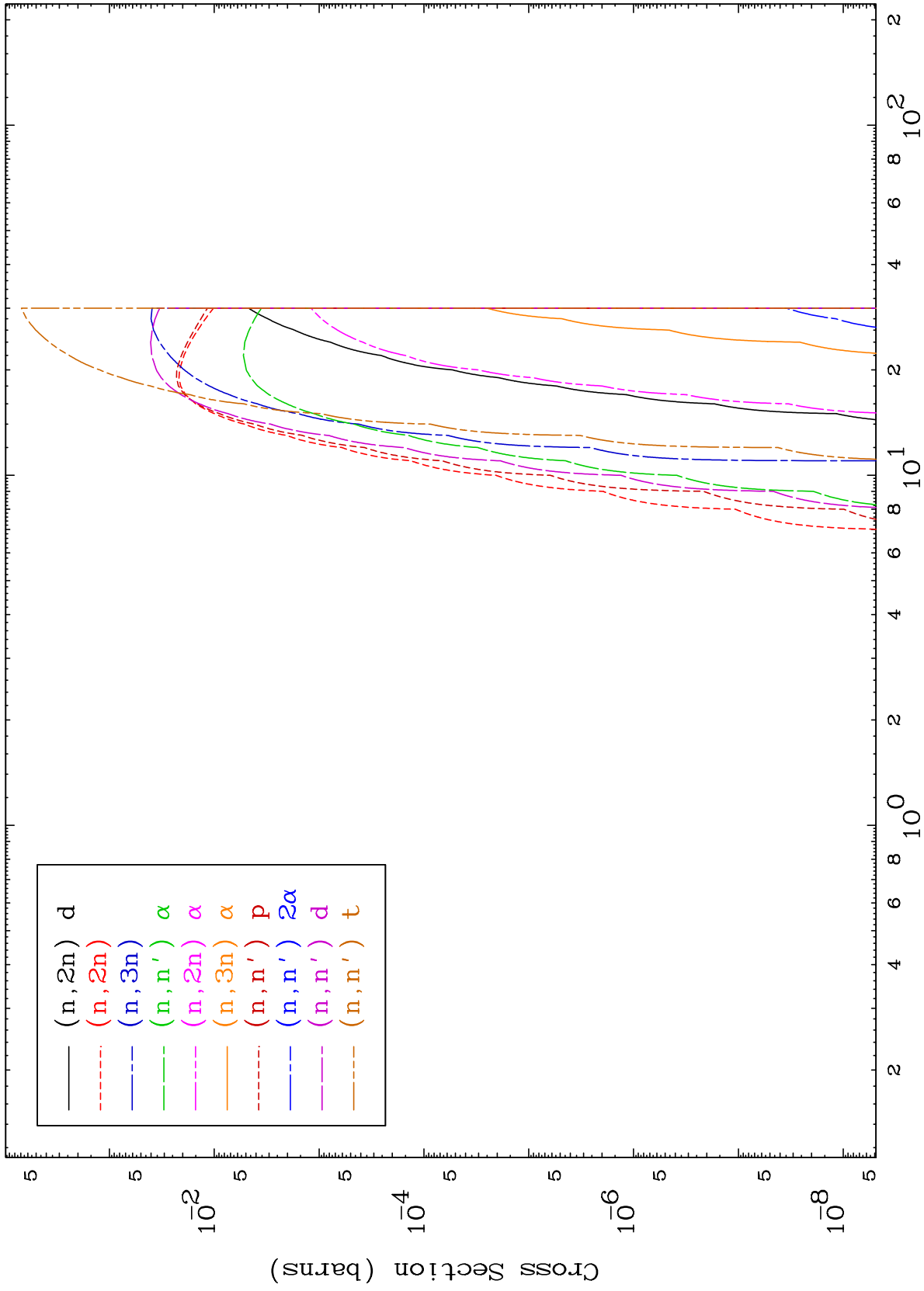
51-Sb-123



MAT 5131

He-3 Neutron Absorption
0 Kelvin Cross Sections

51-Sb-123



2

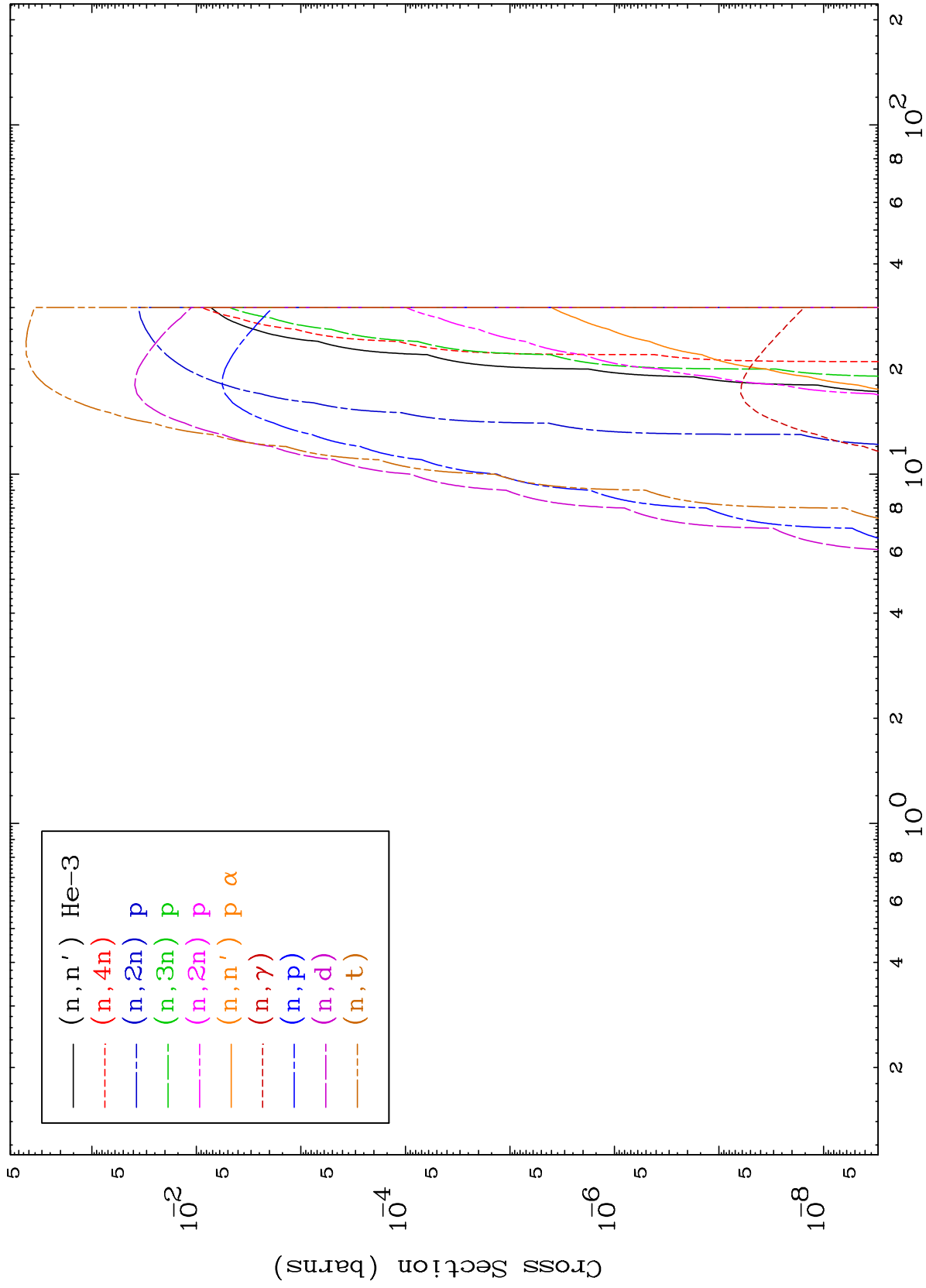
Incident Energy (MeV)

51-Sb-123

MAT 5131

He-3 Neutron Absorption
0 Kelvin Cross Sections

51-Sb-123



3

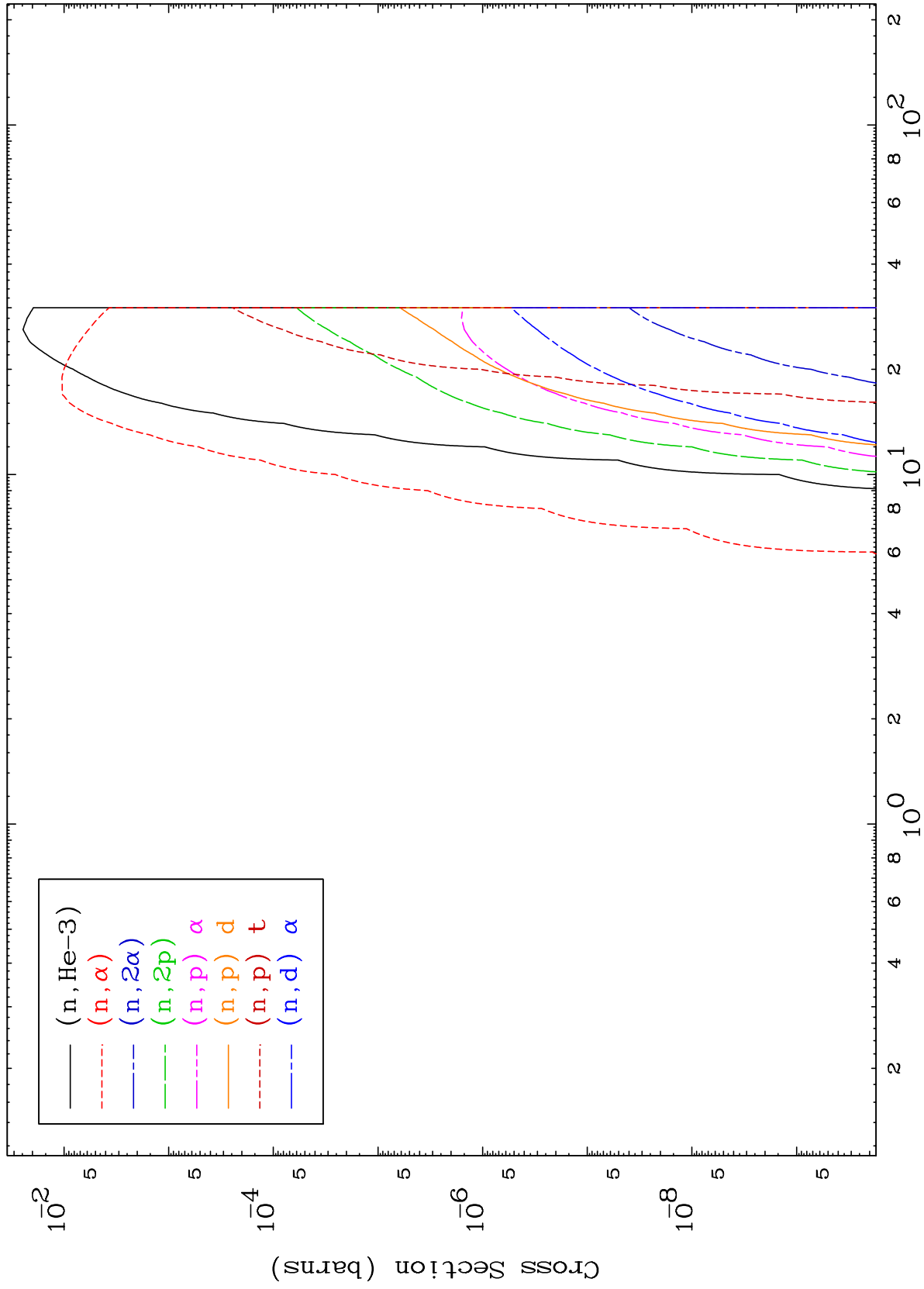
Incident Energy (MeV)

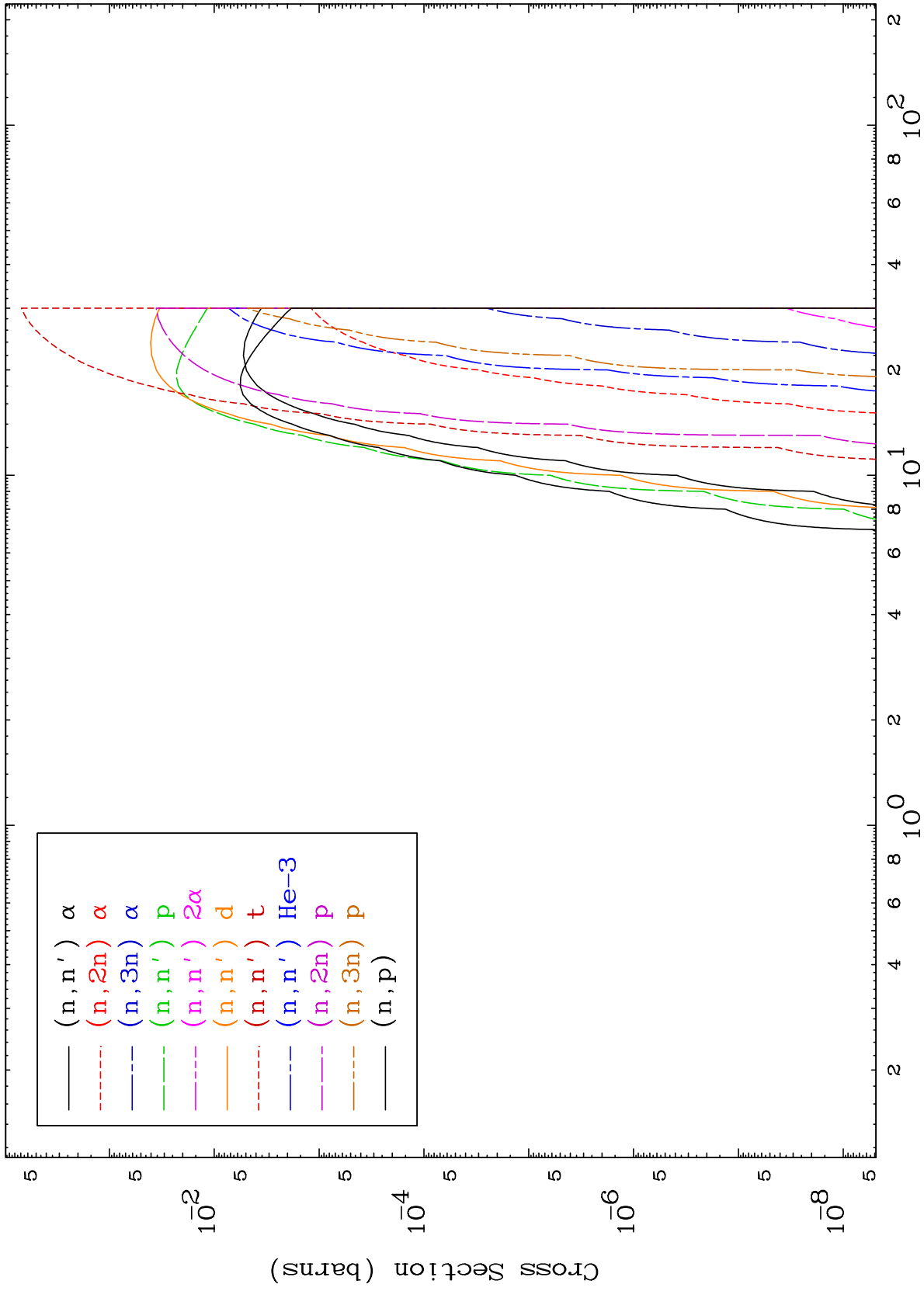
51-Sb-123

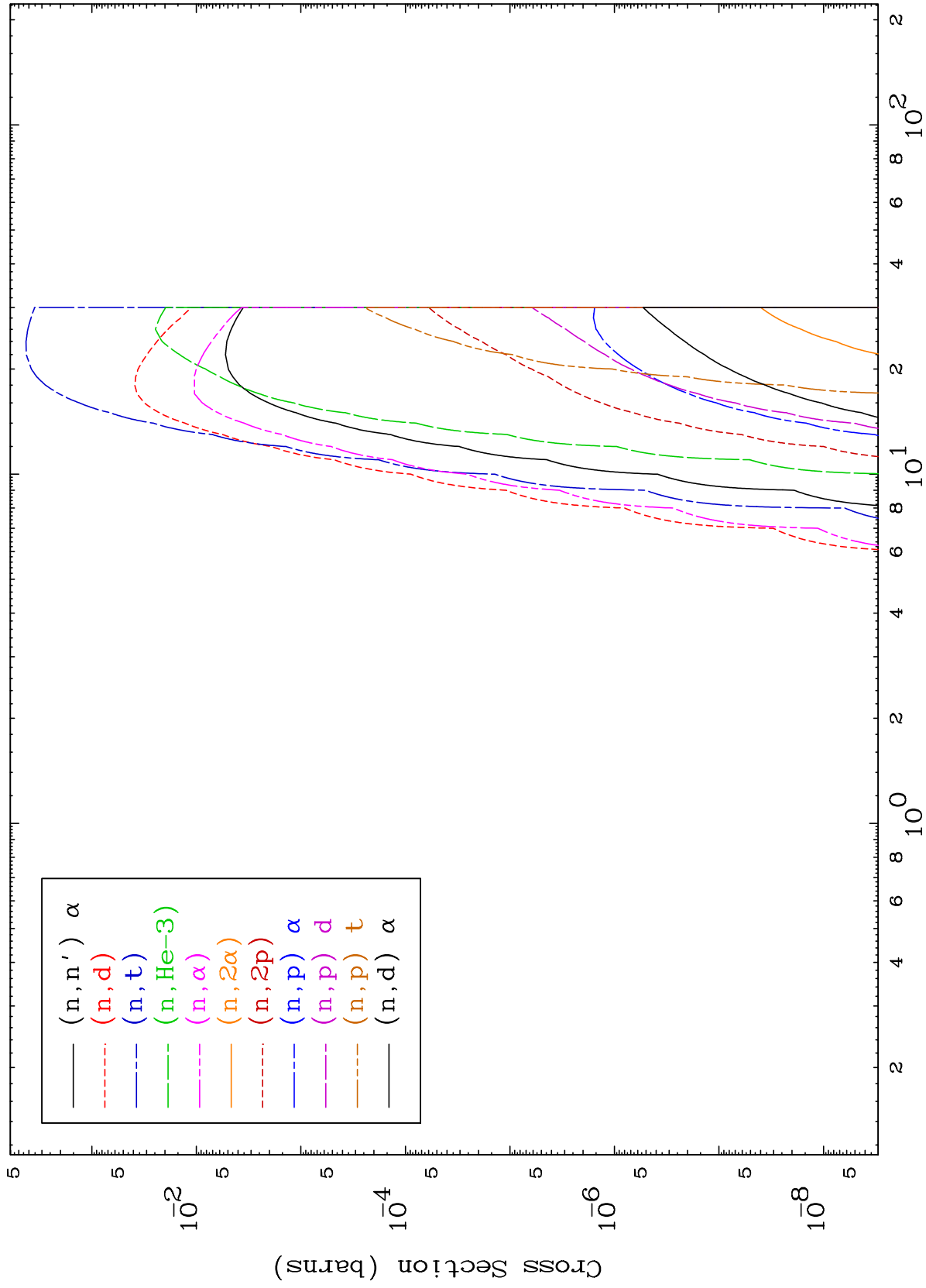
MAT 5131

He-3 Neutron Absorption
0 Kelvin Cross Sections

51-Sb-123



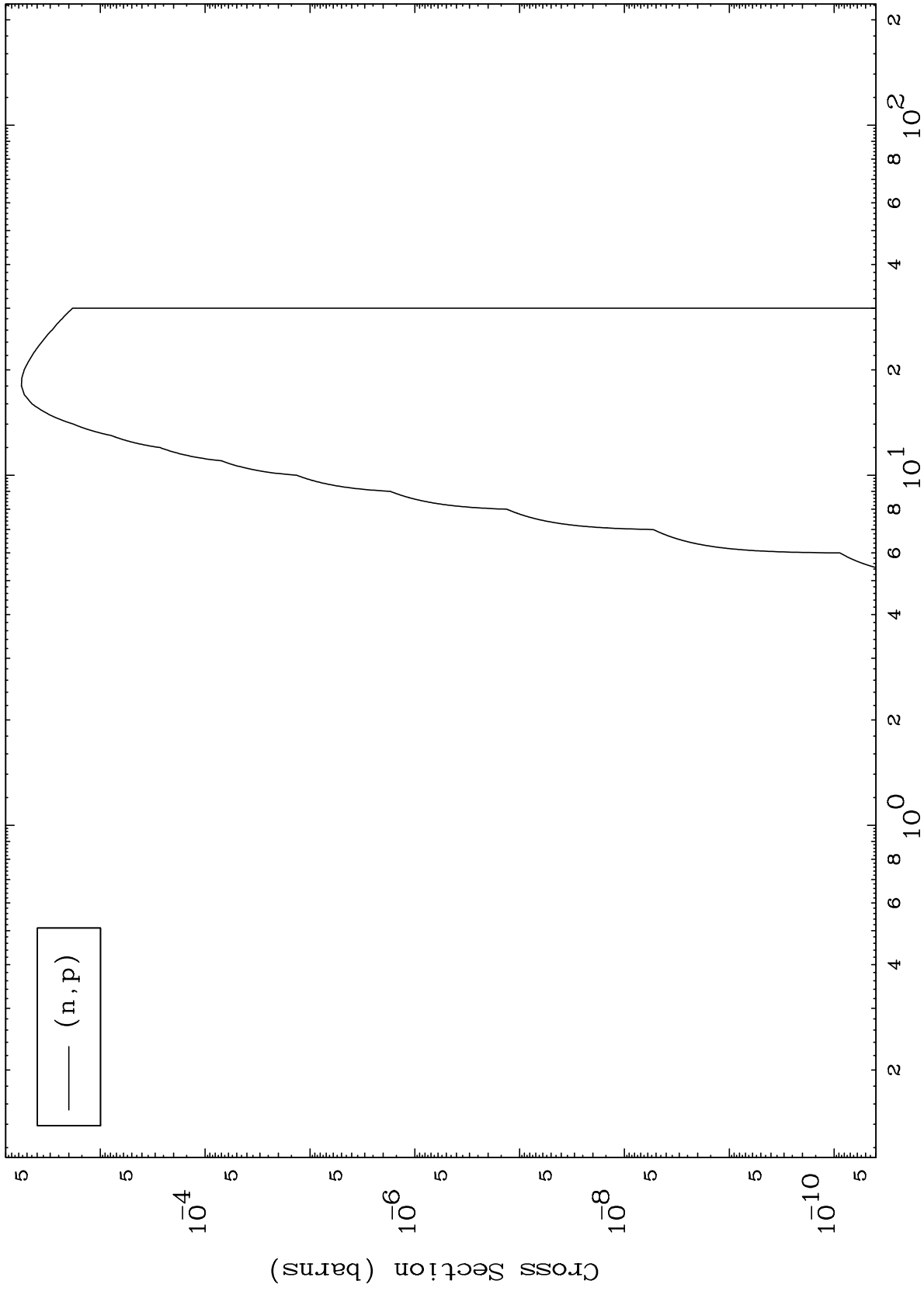




MAT 5131

(He-3,p) Levels
0 Kelvin Cross Sections

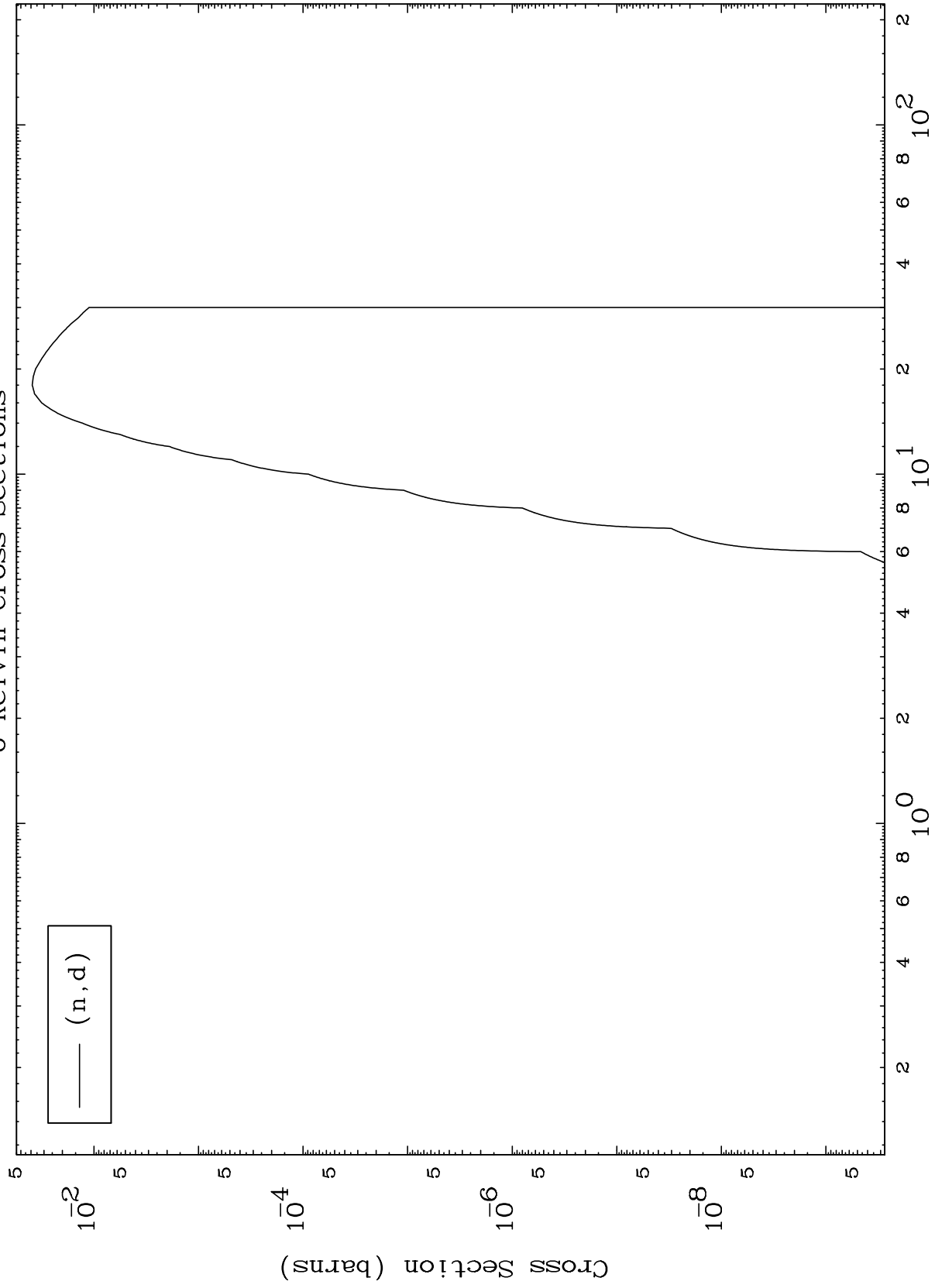
51-Sb-123



MAT 5131

(He-3,d) Levels
0 Kelvin Cross Sections

51-Sb-123



8

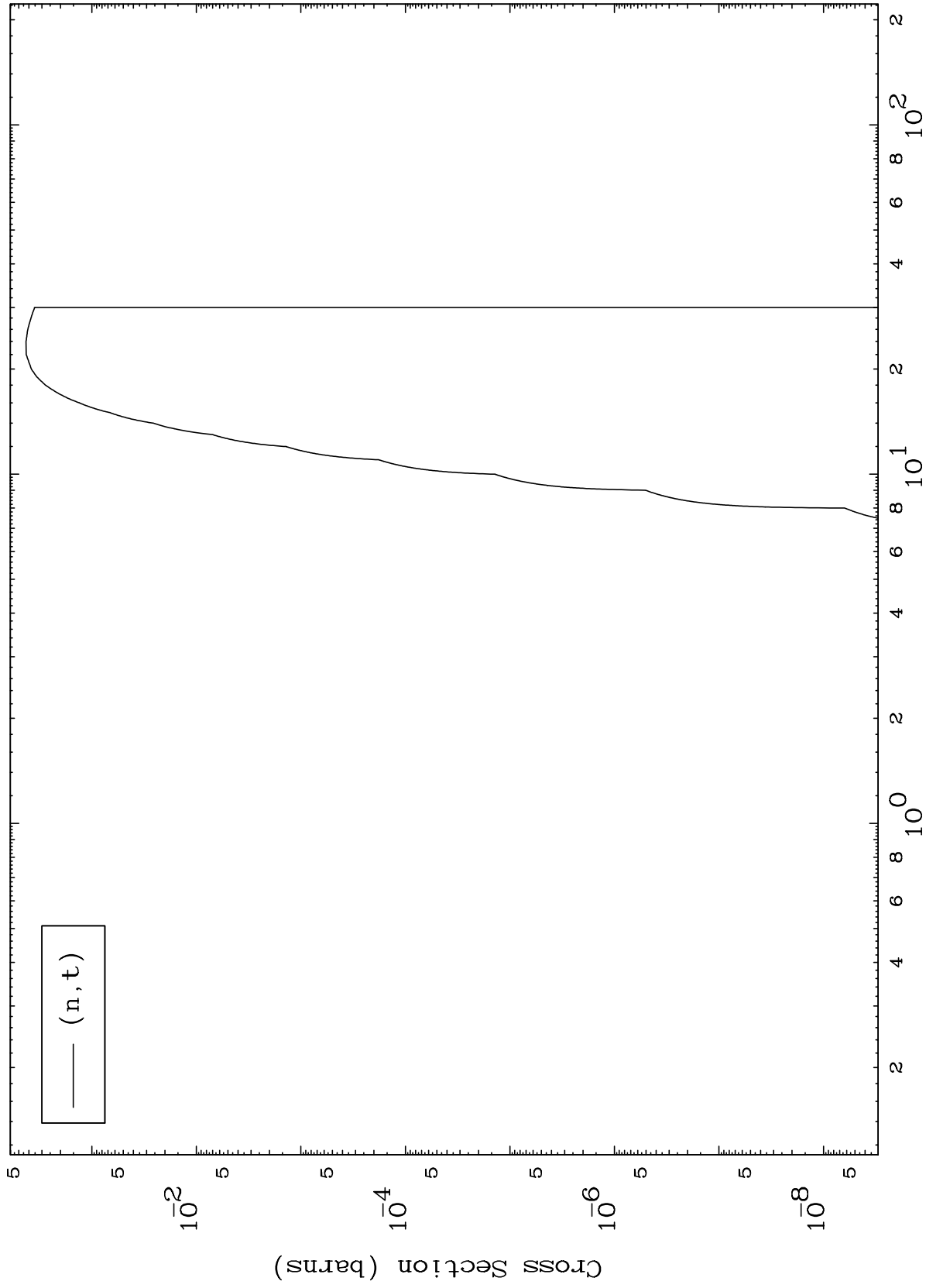
Incident Energy (MeV)

51-Sb-123

MAT 5131

(He-3,t) Levels
0 Kelvin Cross Sections

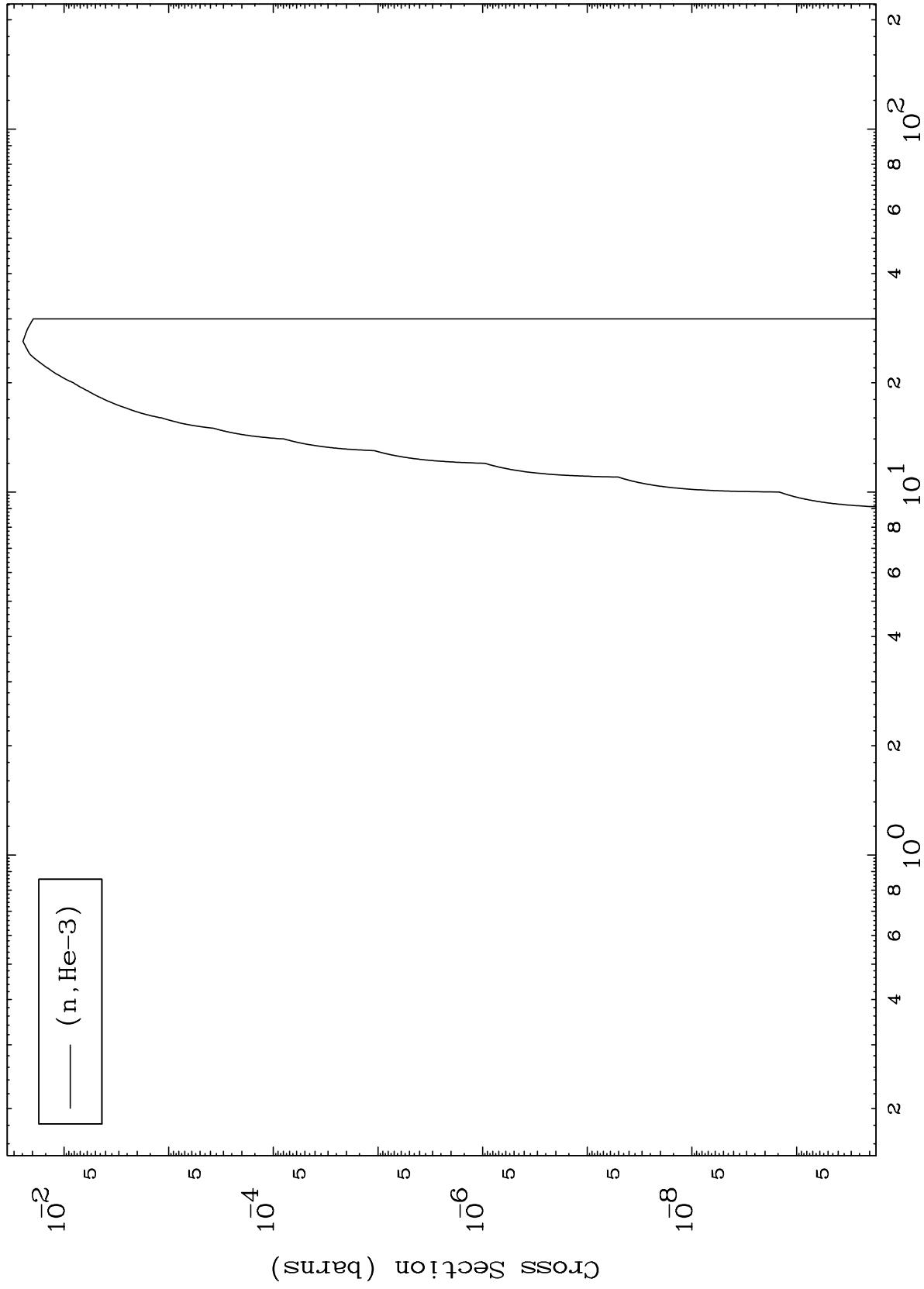
51-Sb-123



MAT 5131

(He-3, He3) Levels
0 Kelvin Cross Sections

51-Sb-123



10

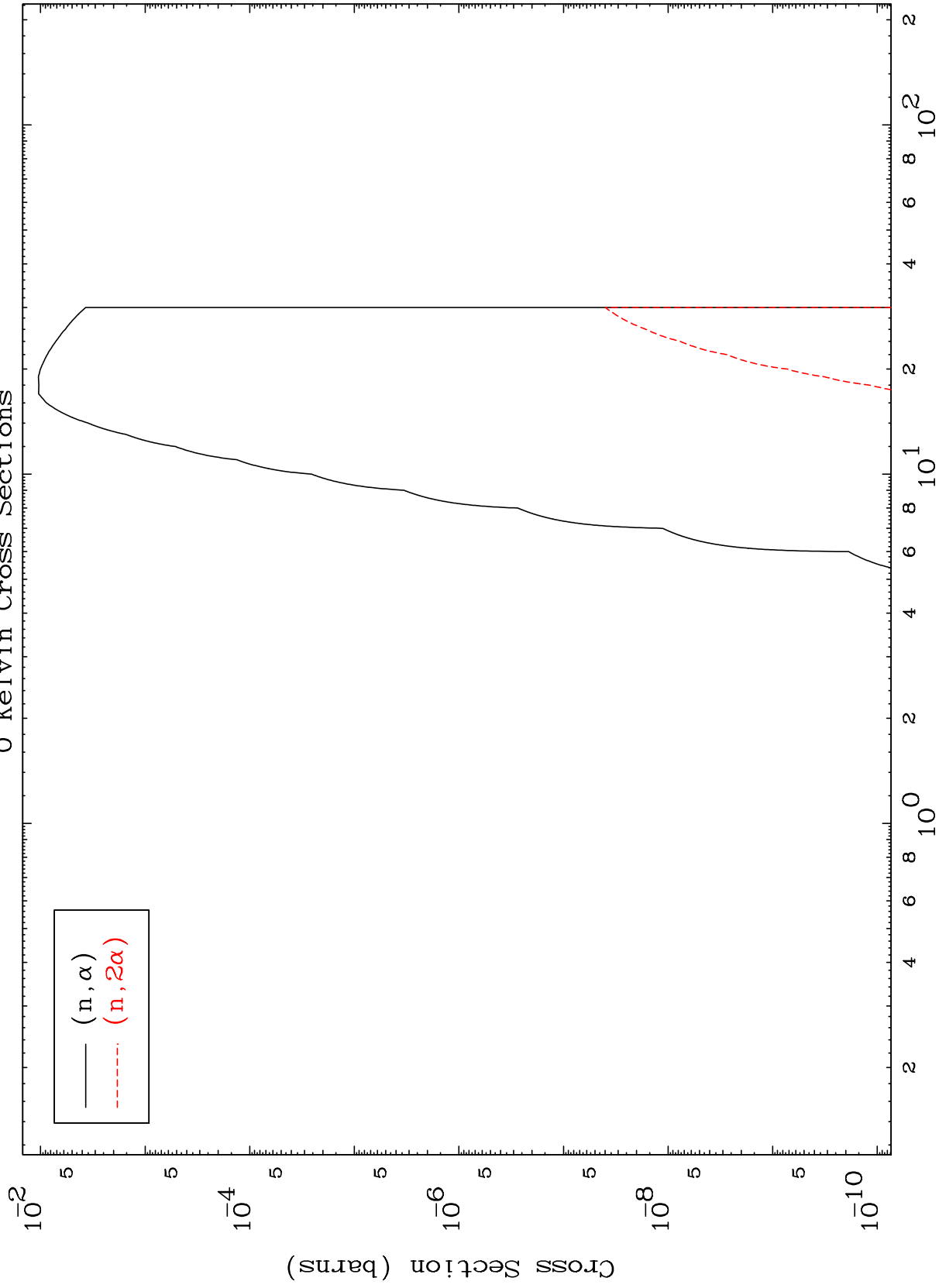
Incident Energy (MeV)

51-Sb-123

MAT 5131

(He-3, α) Levels
0 Kelvin Cross Sections

51-Sb-123



11

Incident Energy (MeV)

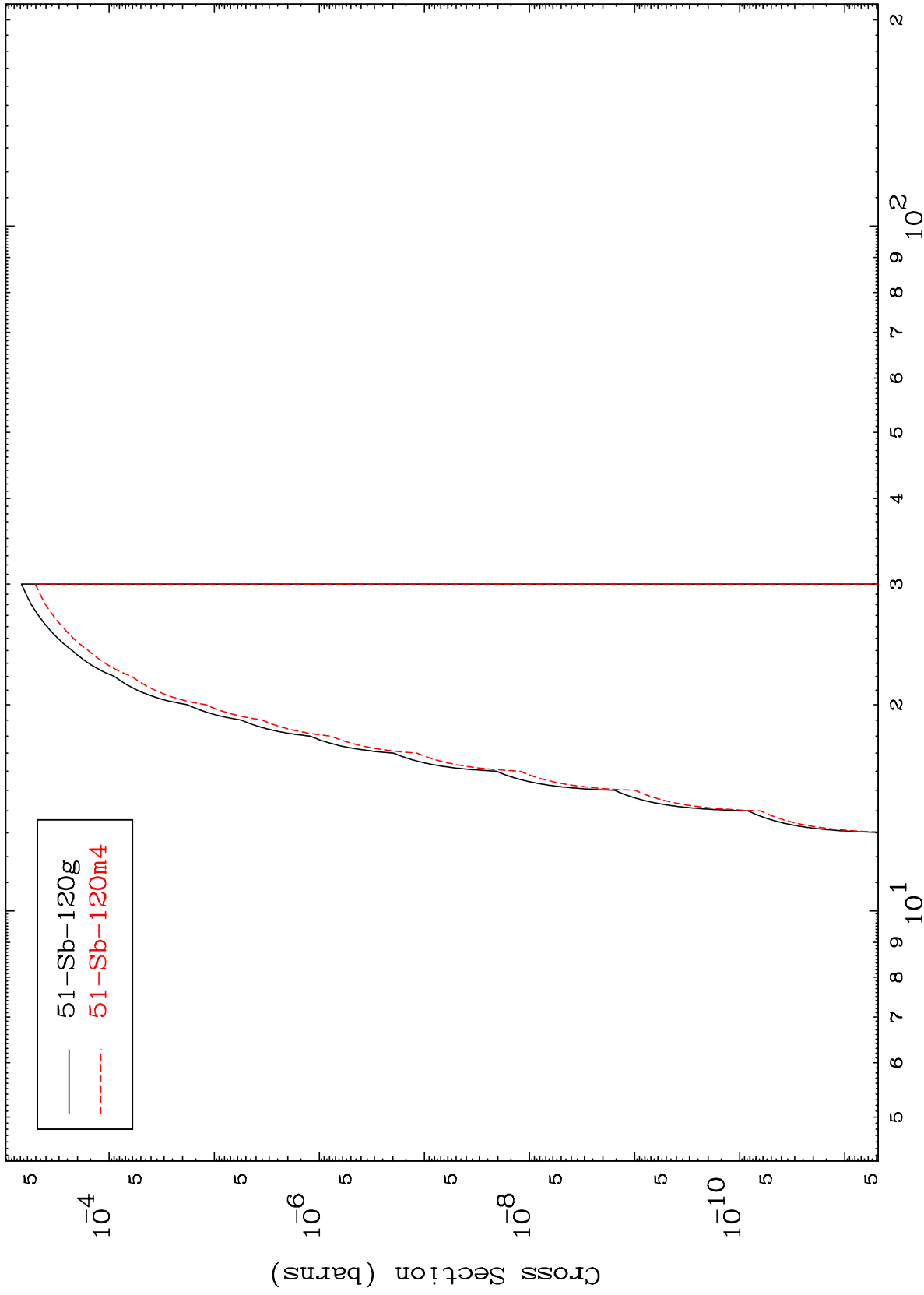
51-Sb-123

MAT 5131

(n,2n) α

51-Sb-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

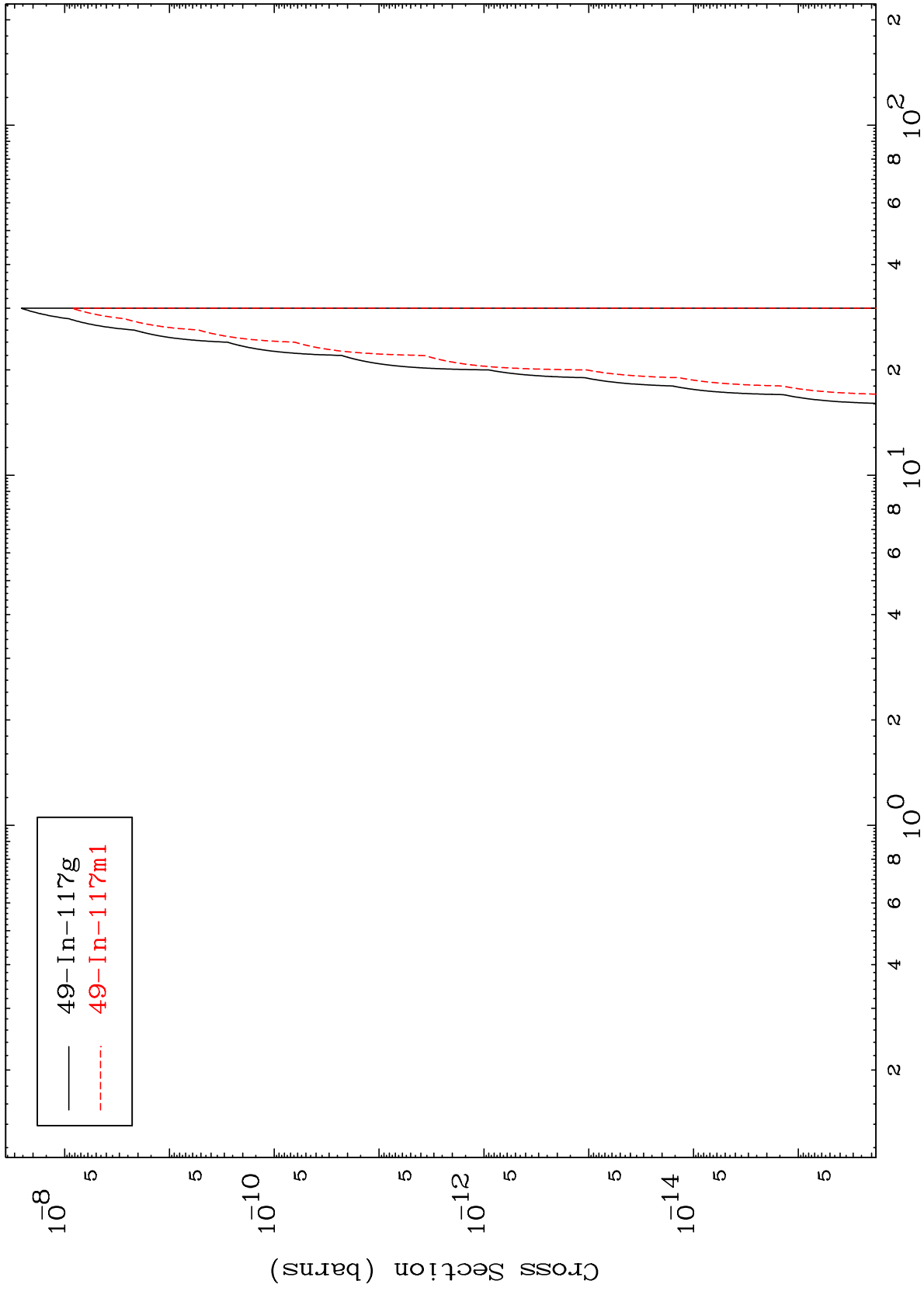
51-Sb-123

MAT 5131

(n,n') 2 α

51-Sb-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

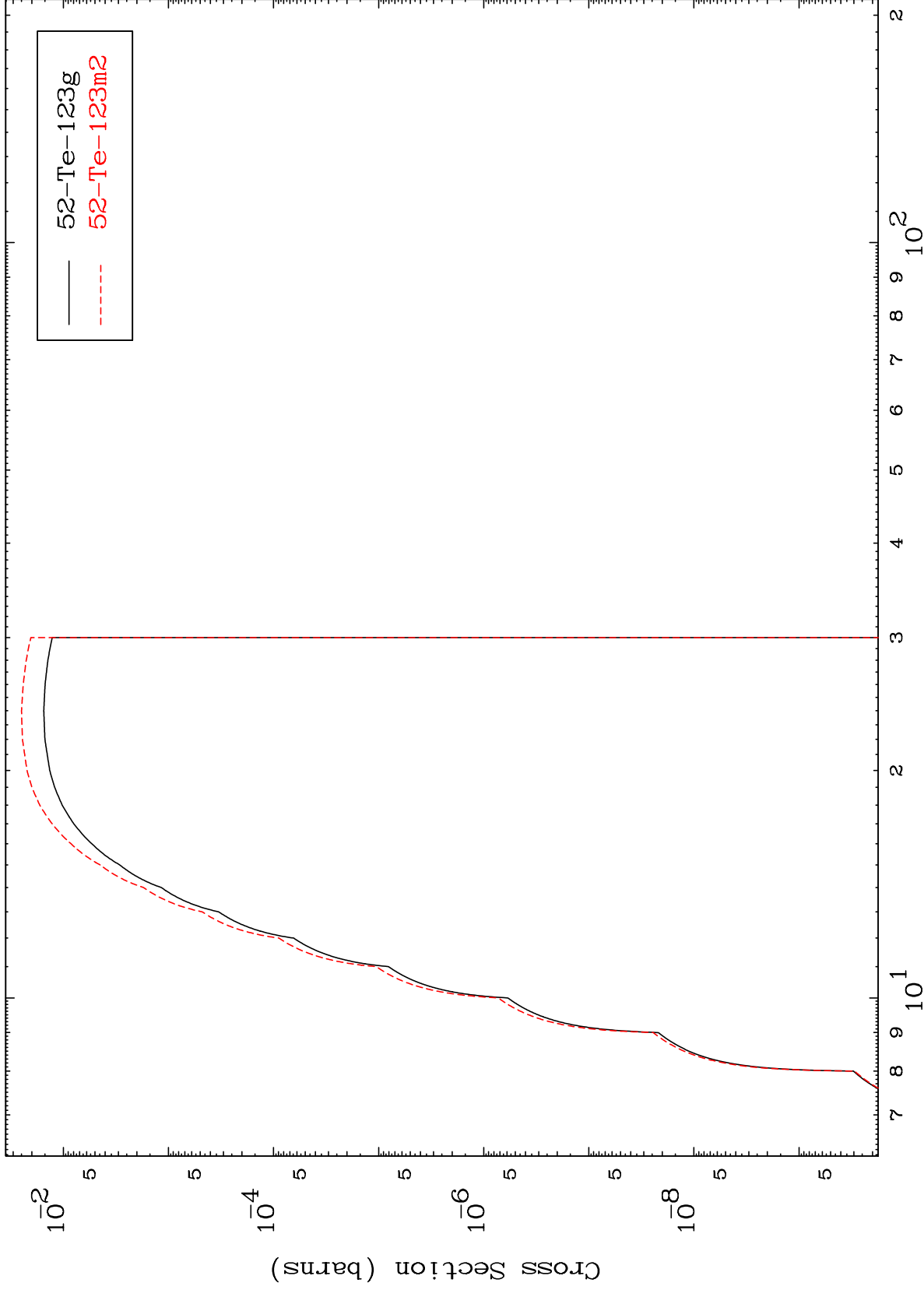
51-Sb-123

MAT 5131

(n,n') d

51-Sb-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

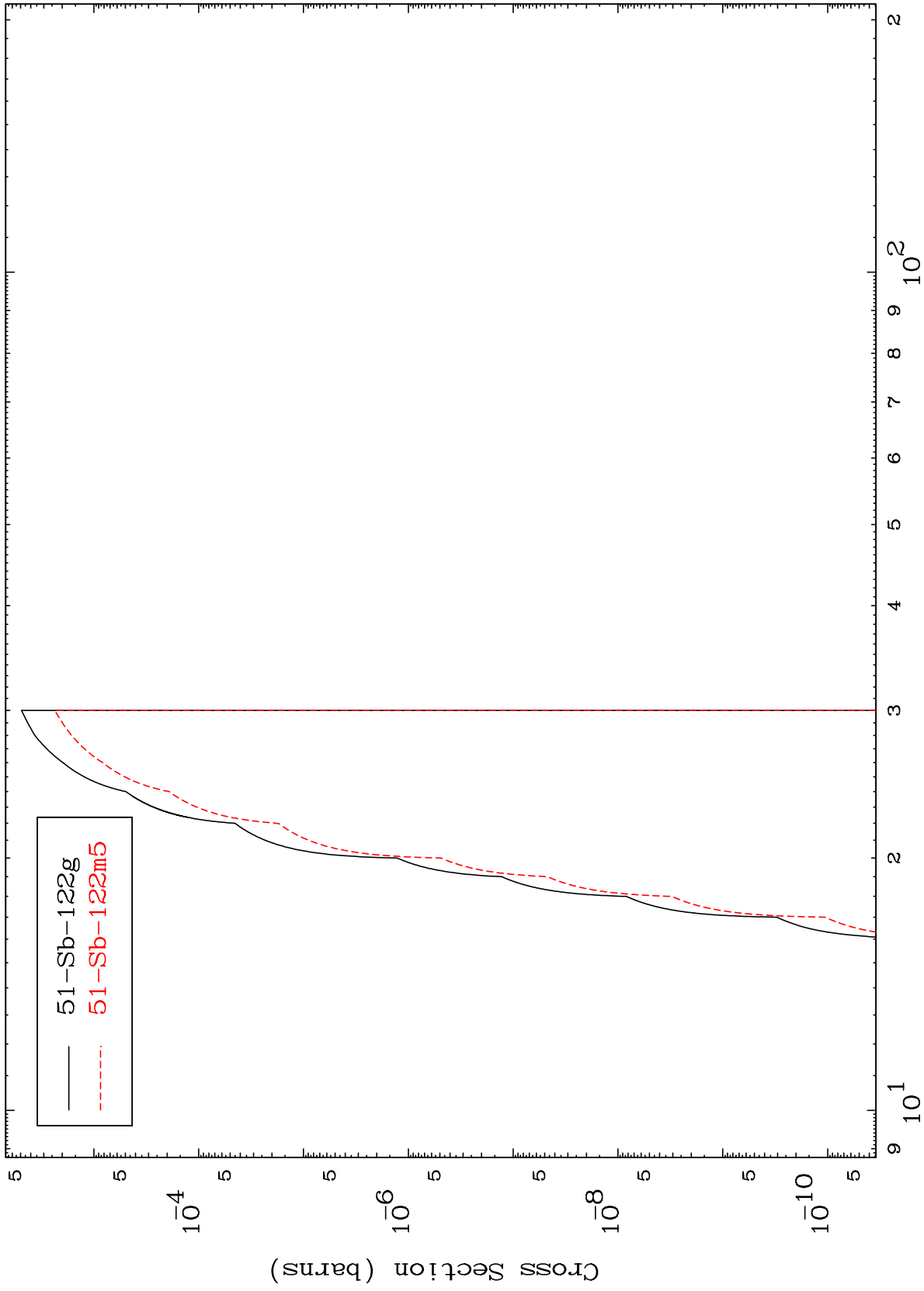
51-Sb-123

MAT 5131

(n, n') He-3

51-Sb-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

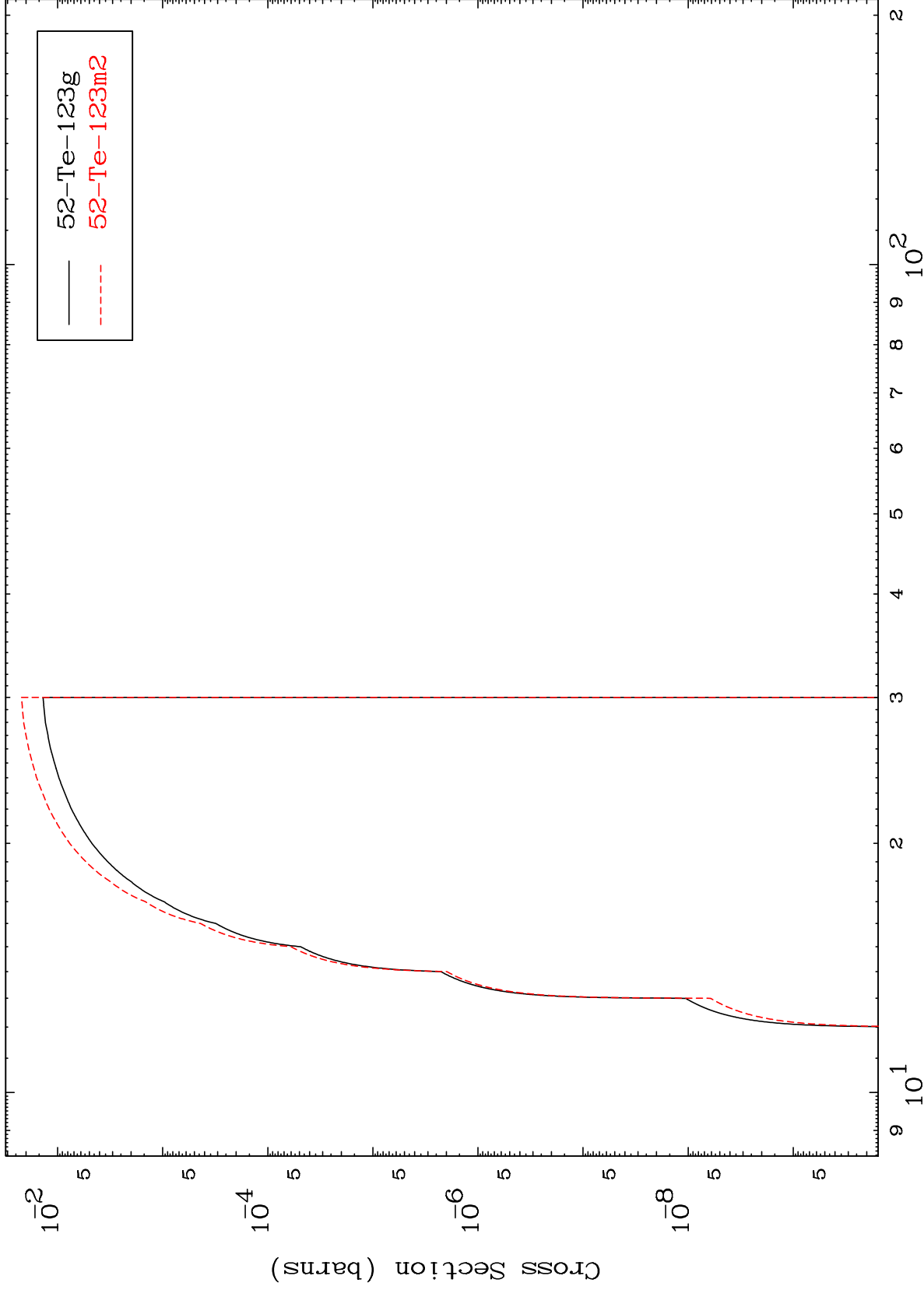
51-Sb-123

MAT 5131

(n,2n) p

51-Sb-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

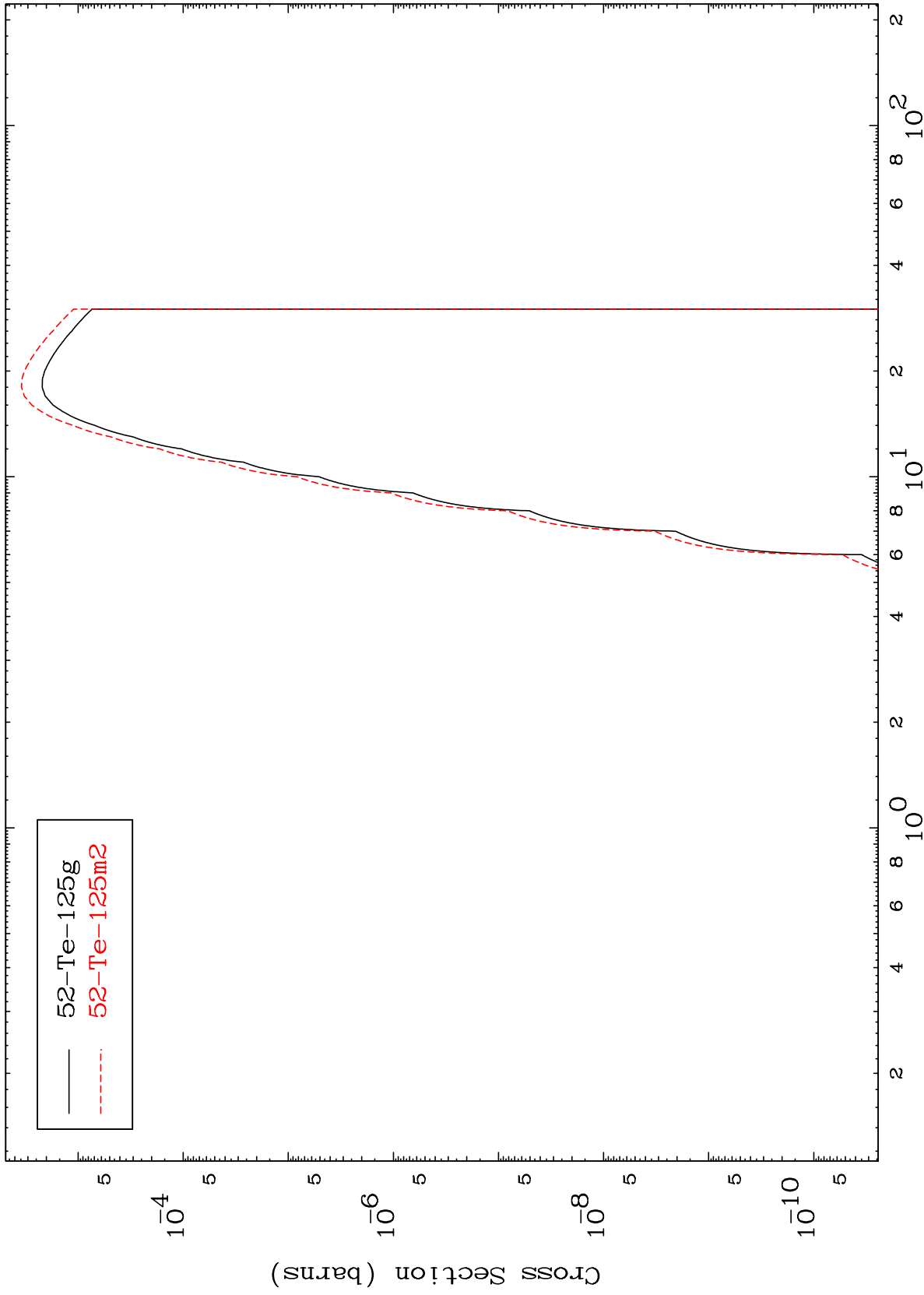
51-Sb-123

MAT 5131

(n,p)

51-Sb-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

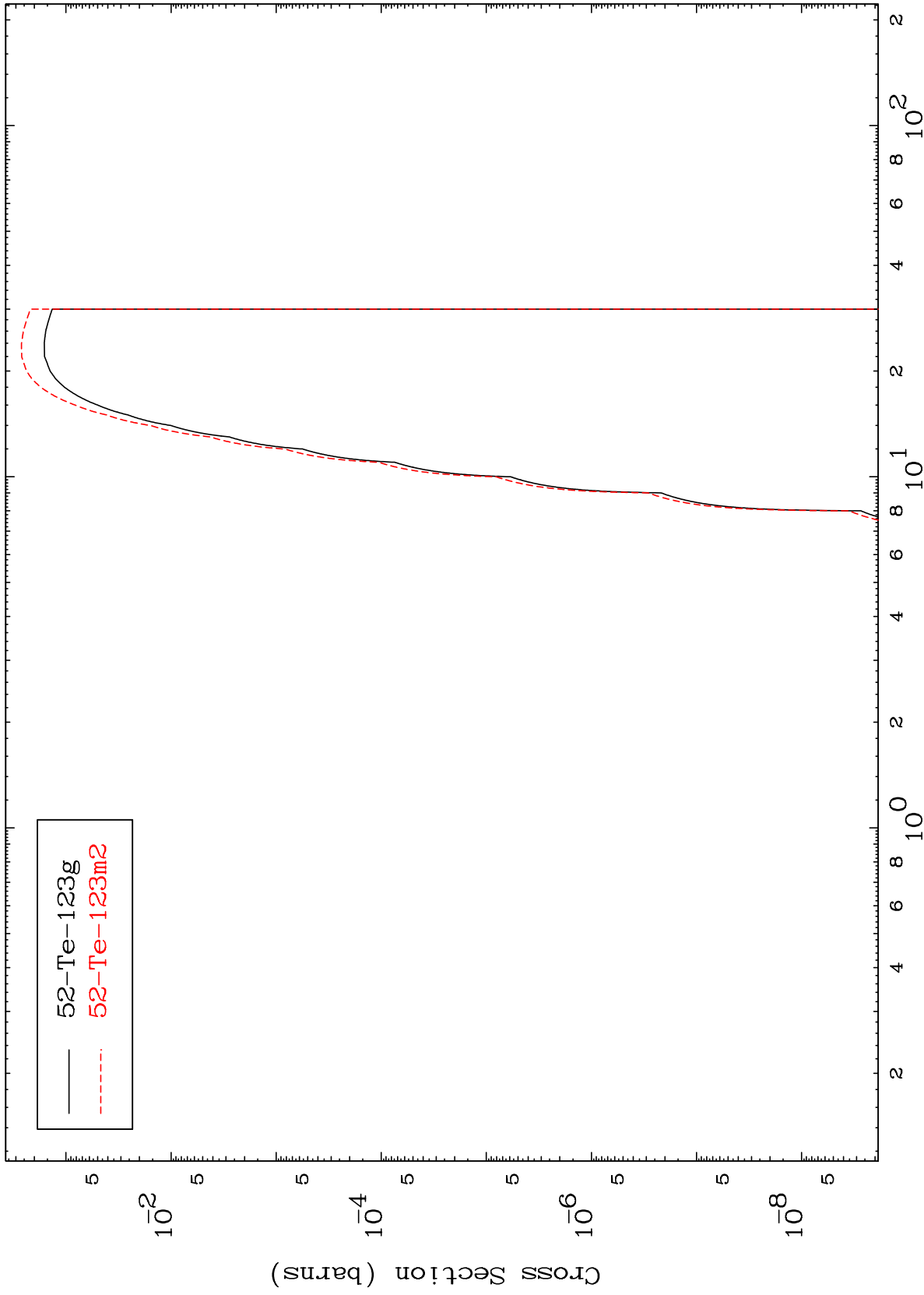
51-Sb-123

MAT 5131

(n, t)

51-Sb-123

Radionuclide Production Cross Section



18

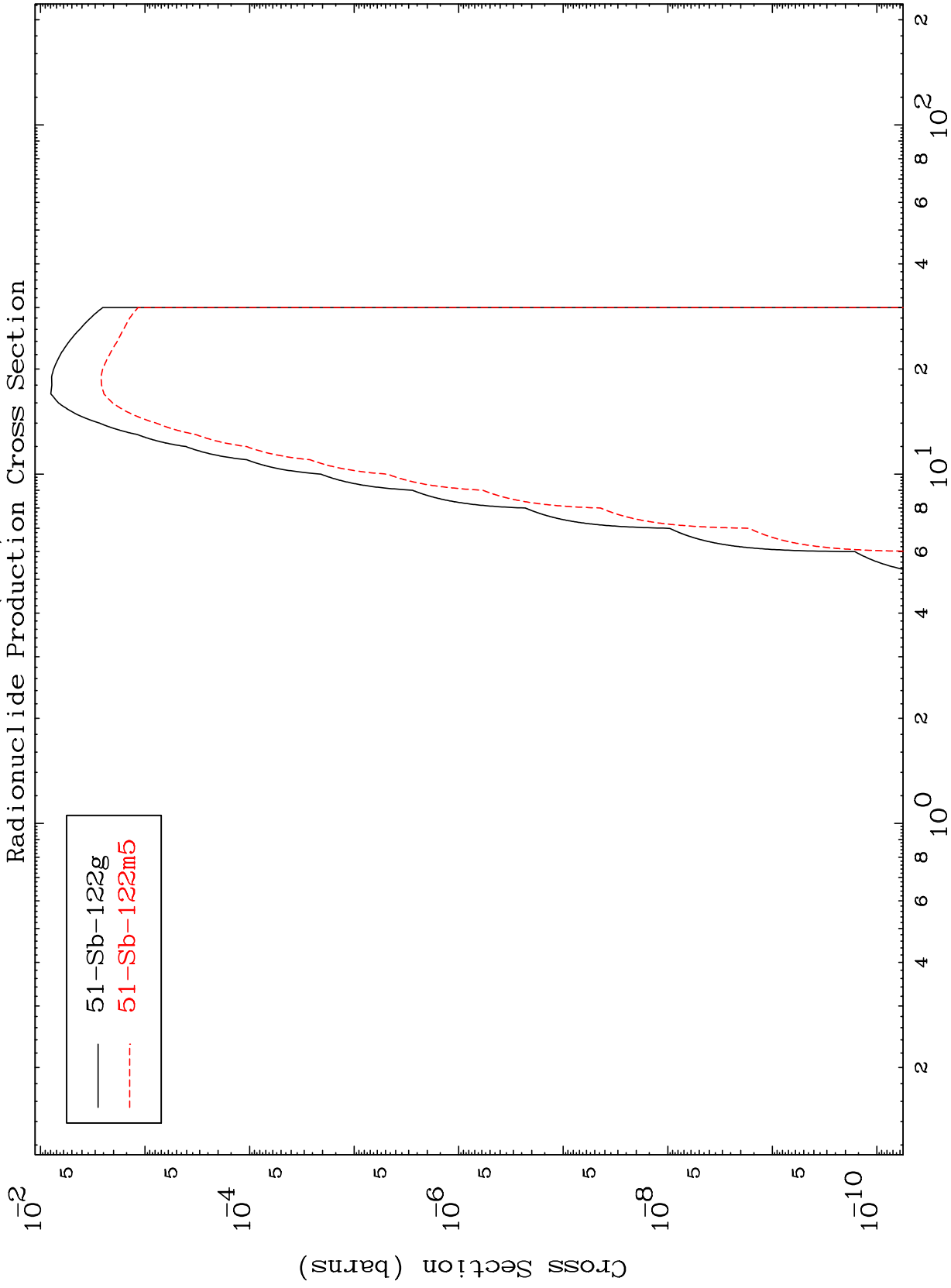
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n, α)

51-Sb-123



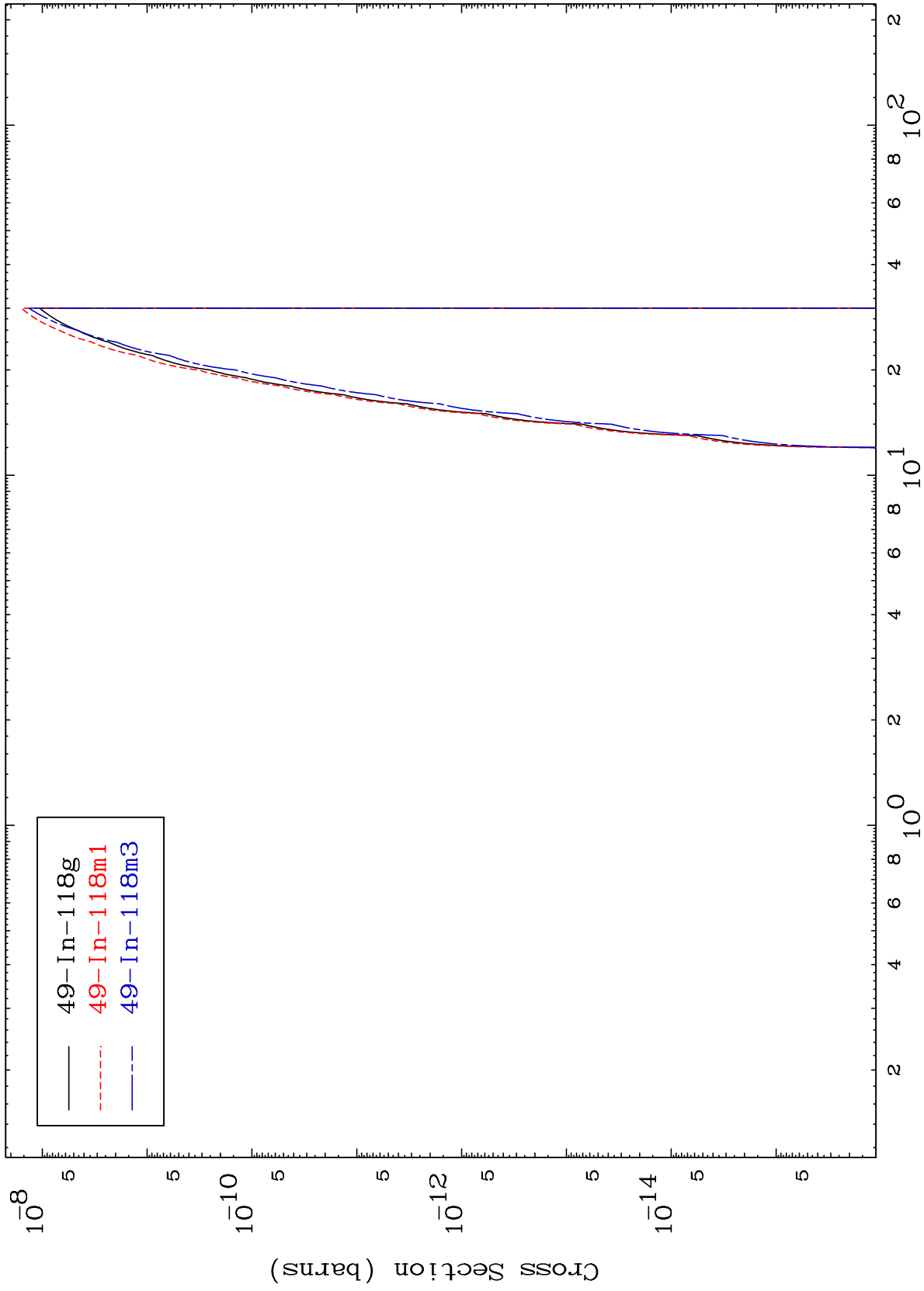
19

MAT 5131

(n,2α)

51-Sb-123

Radionuclide Production Cross Section



20

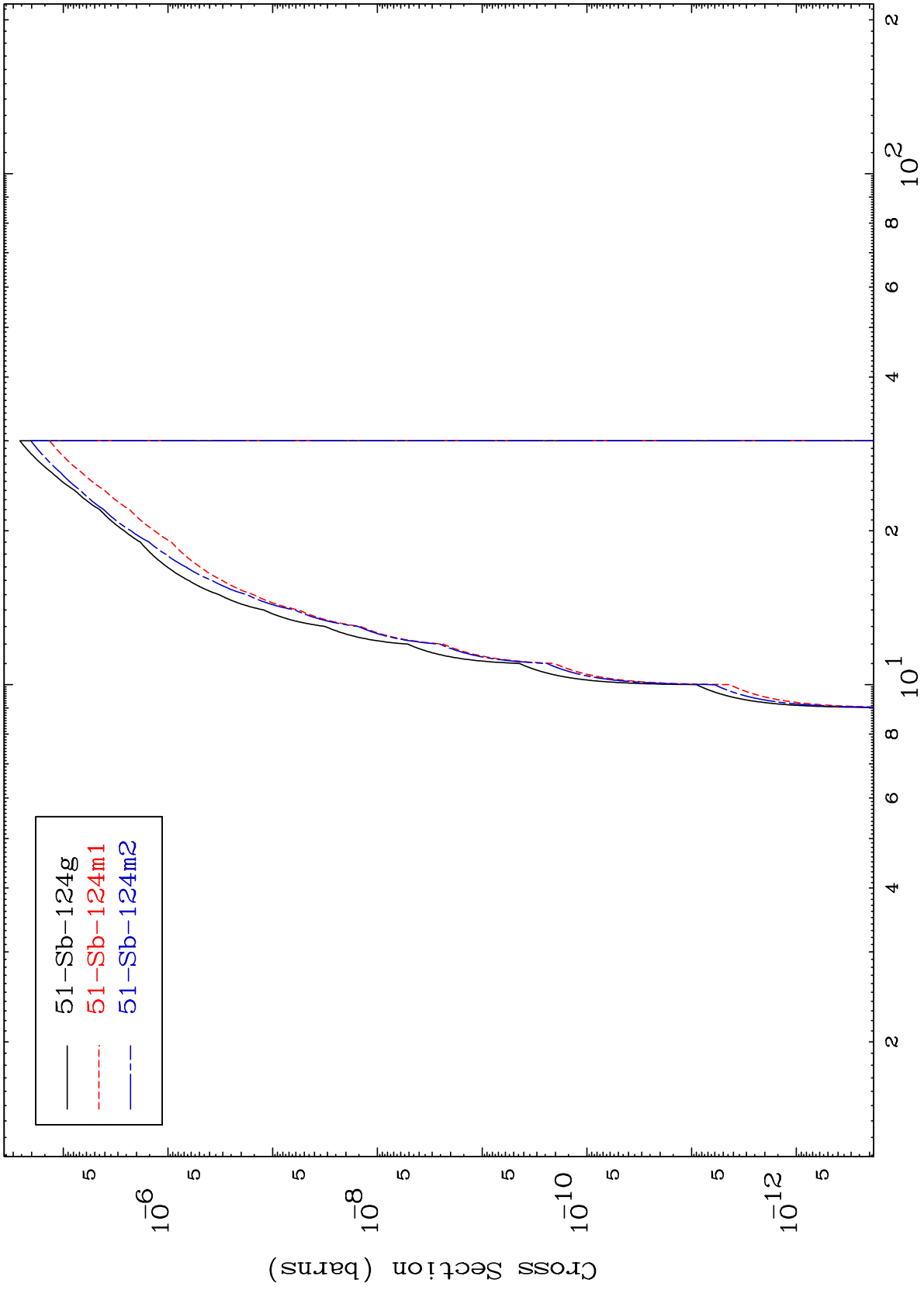
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,2p)
Radionuclide Production Cross Section



21

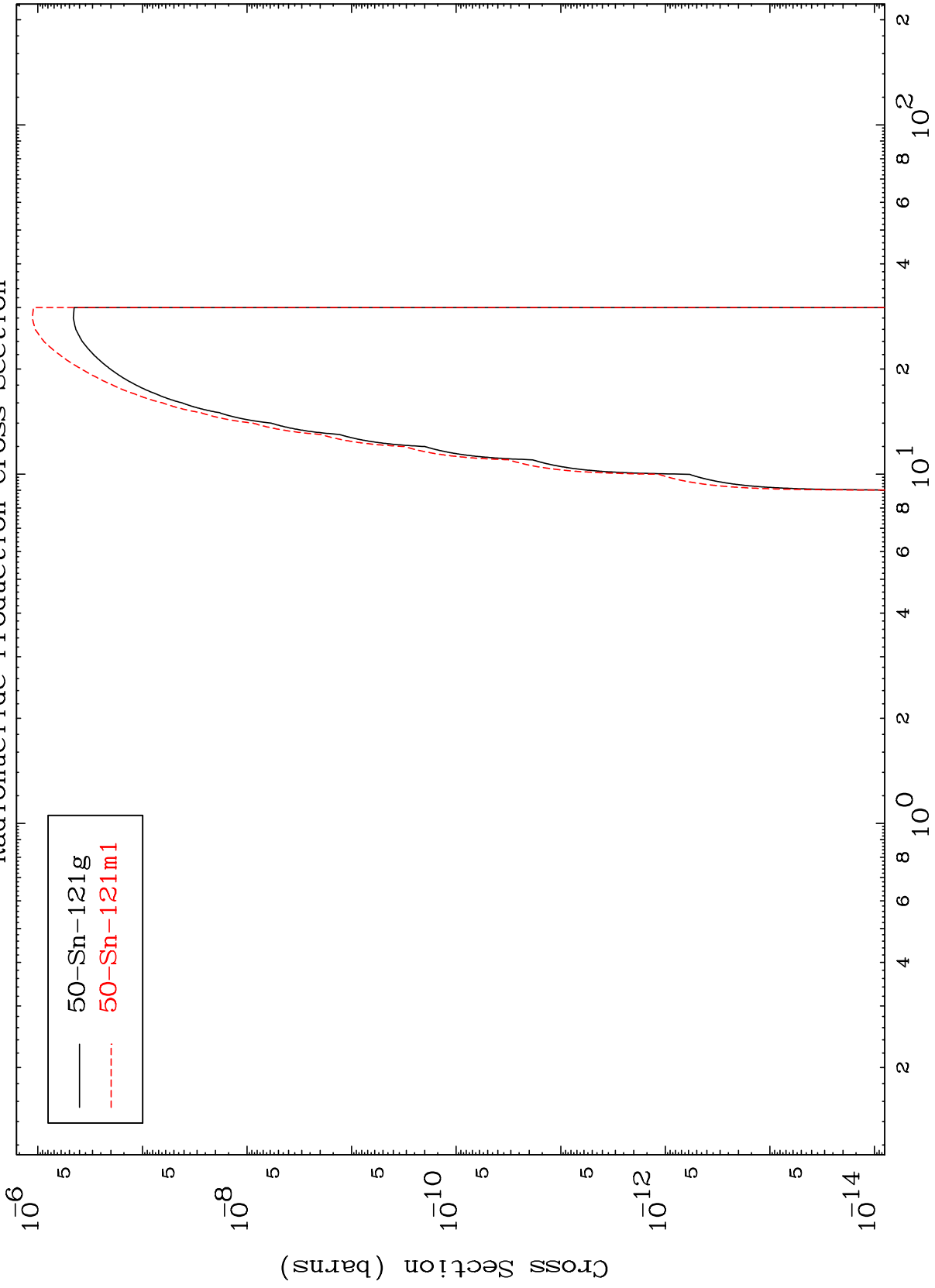
51-Sb-123

MAT 5131

(n,p) α

51-Sb-123

Radionuclide Production Cross Section



22

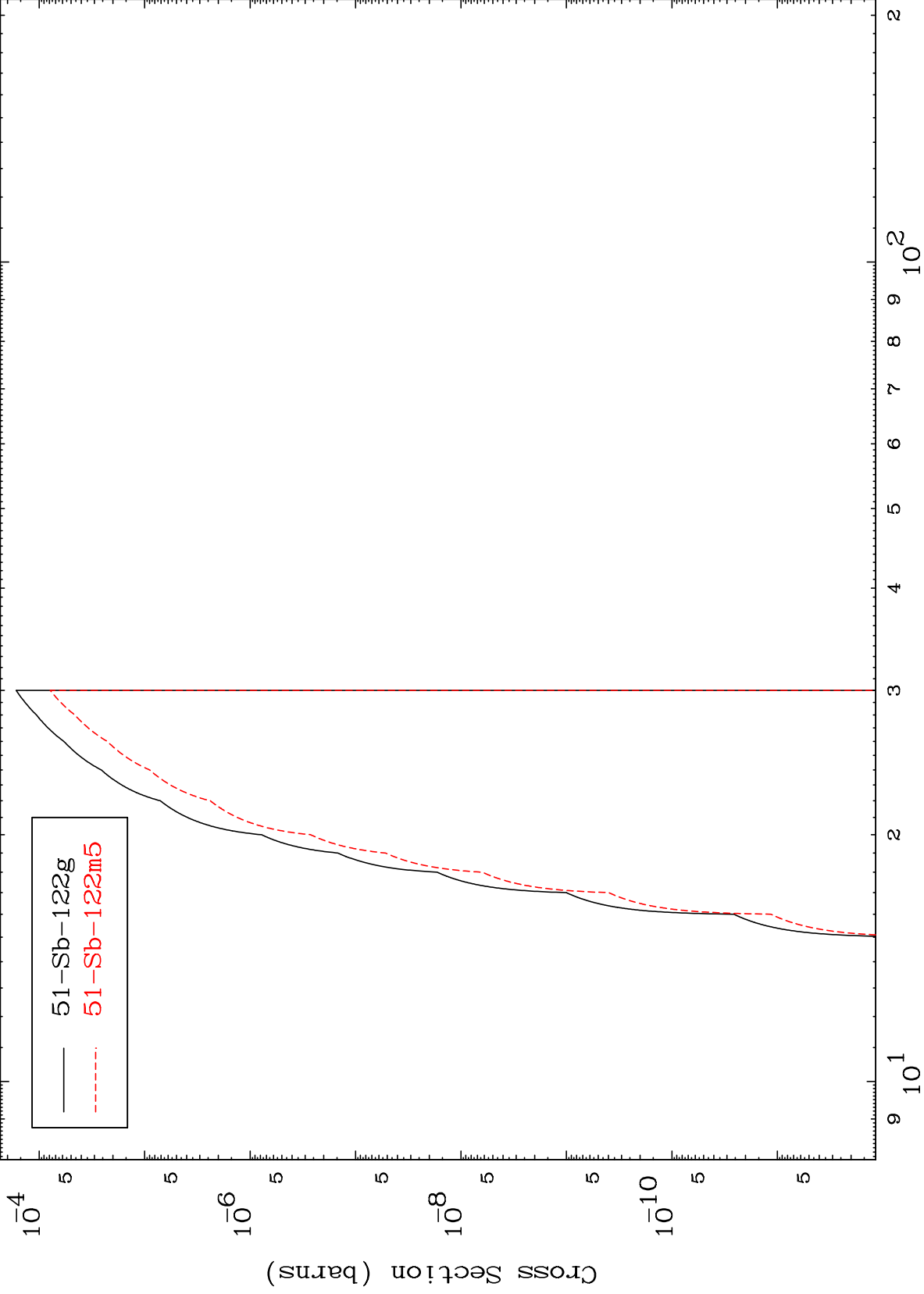
51-Sb-123

MAT 5131

(n,p) t

51-Sb-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-123