

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

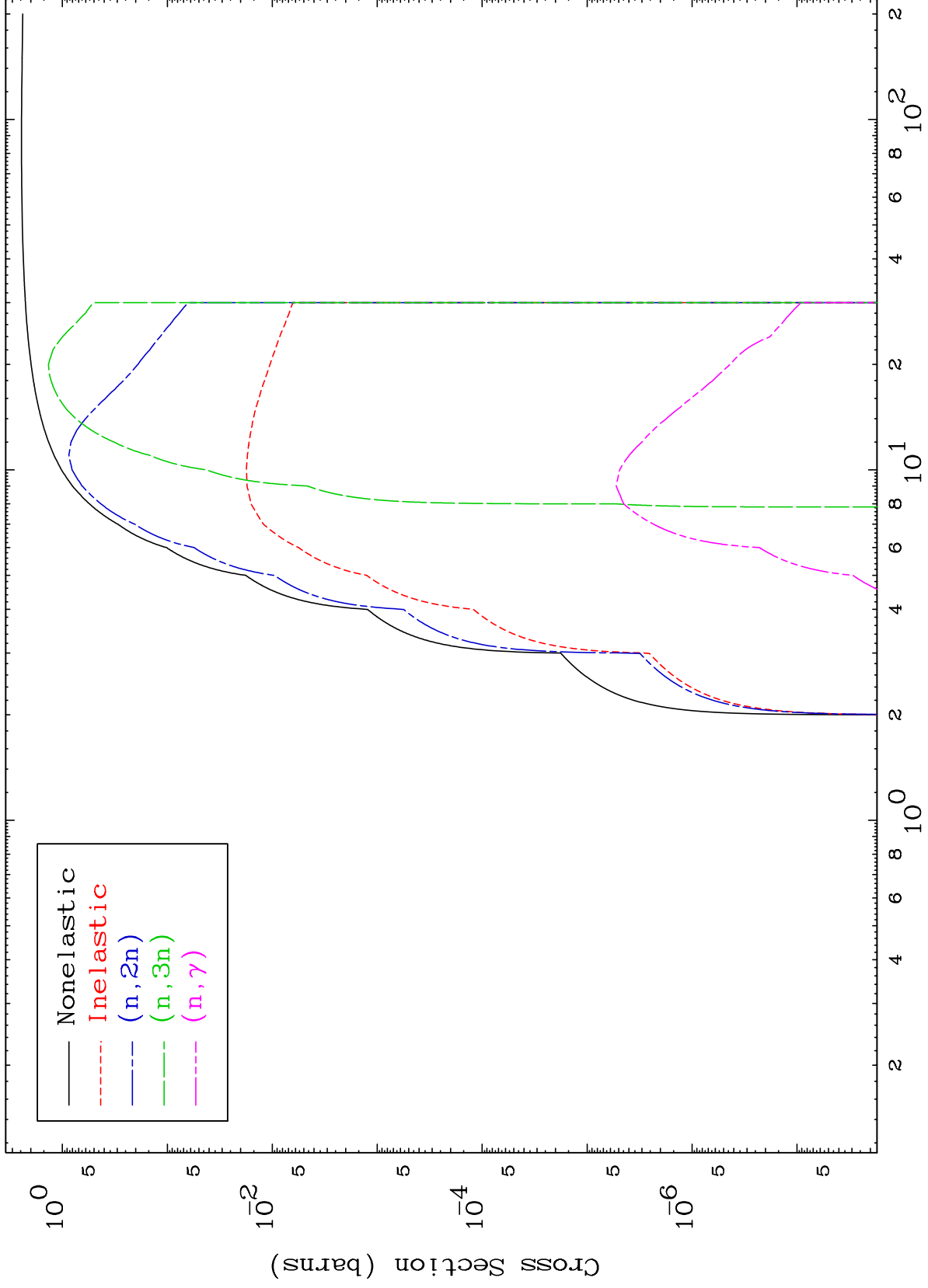
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

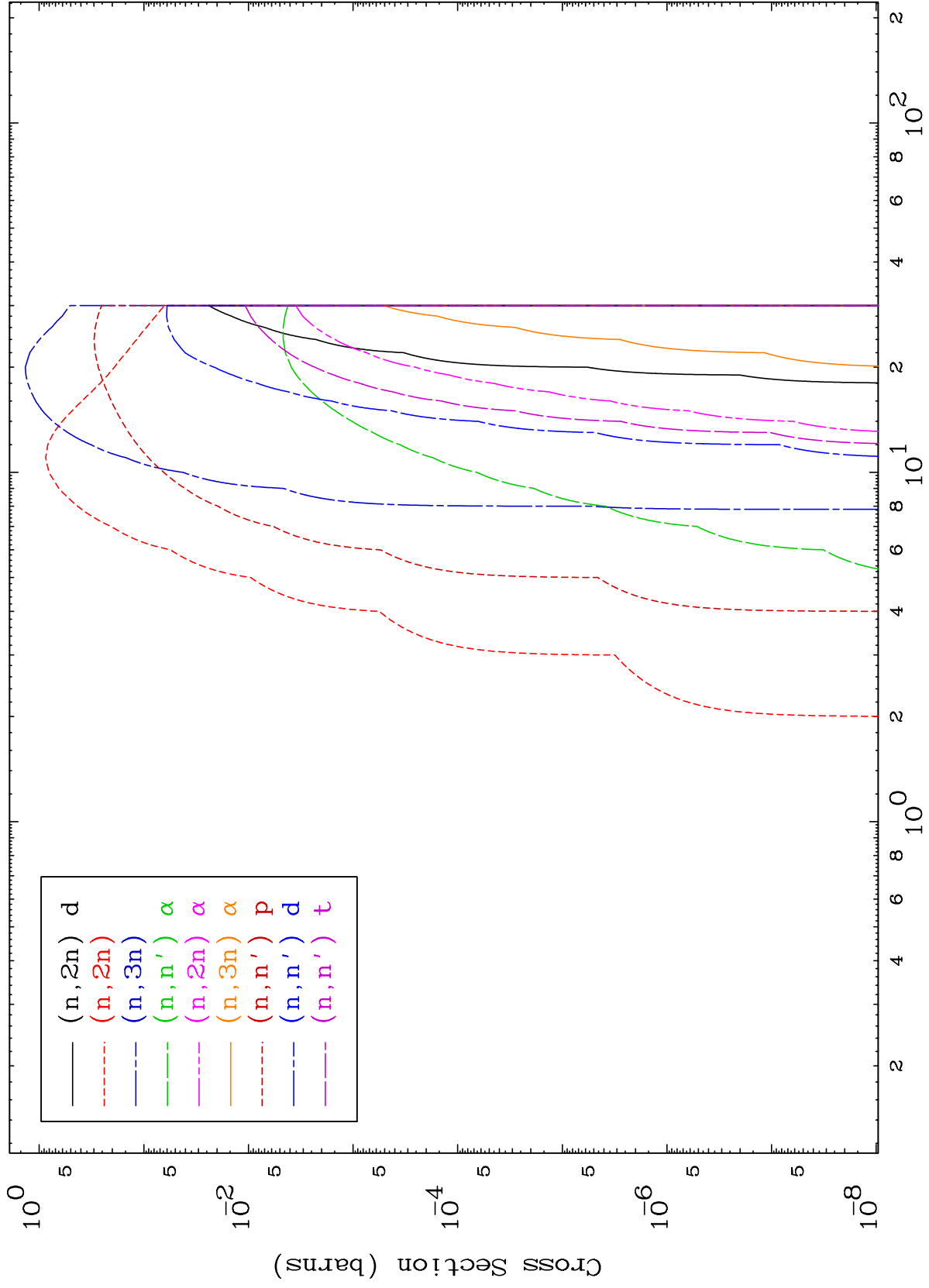
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

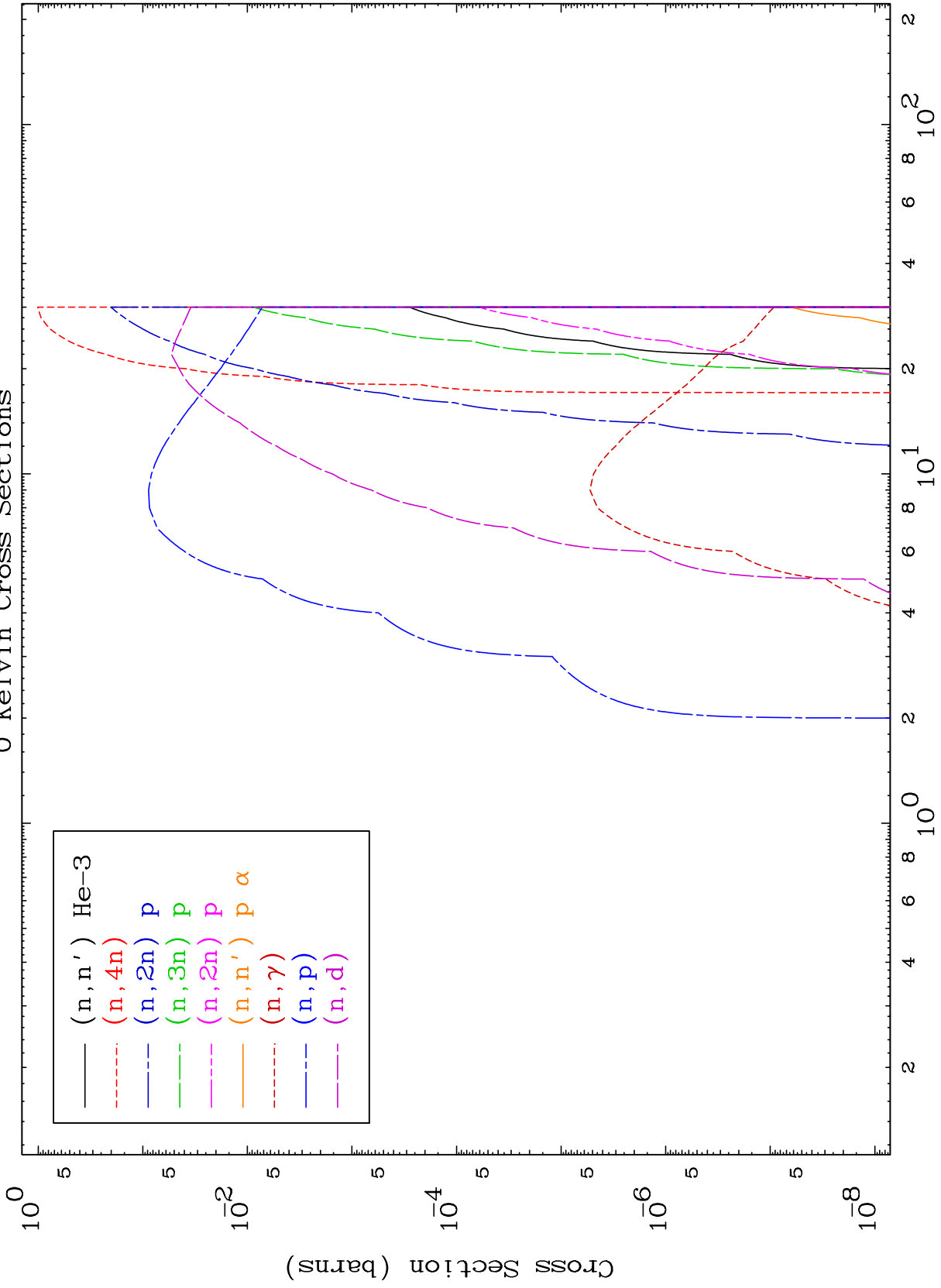


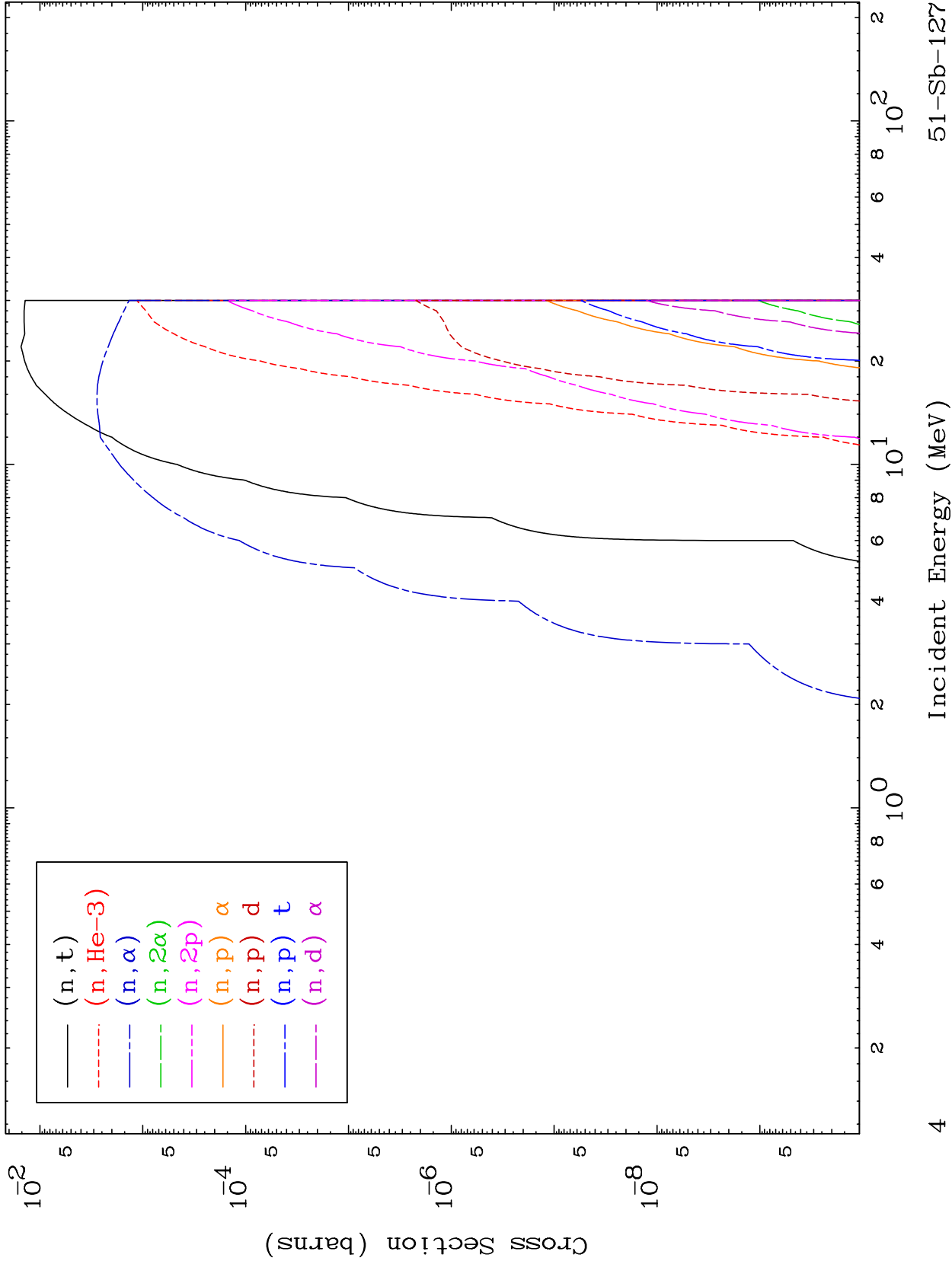


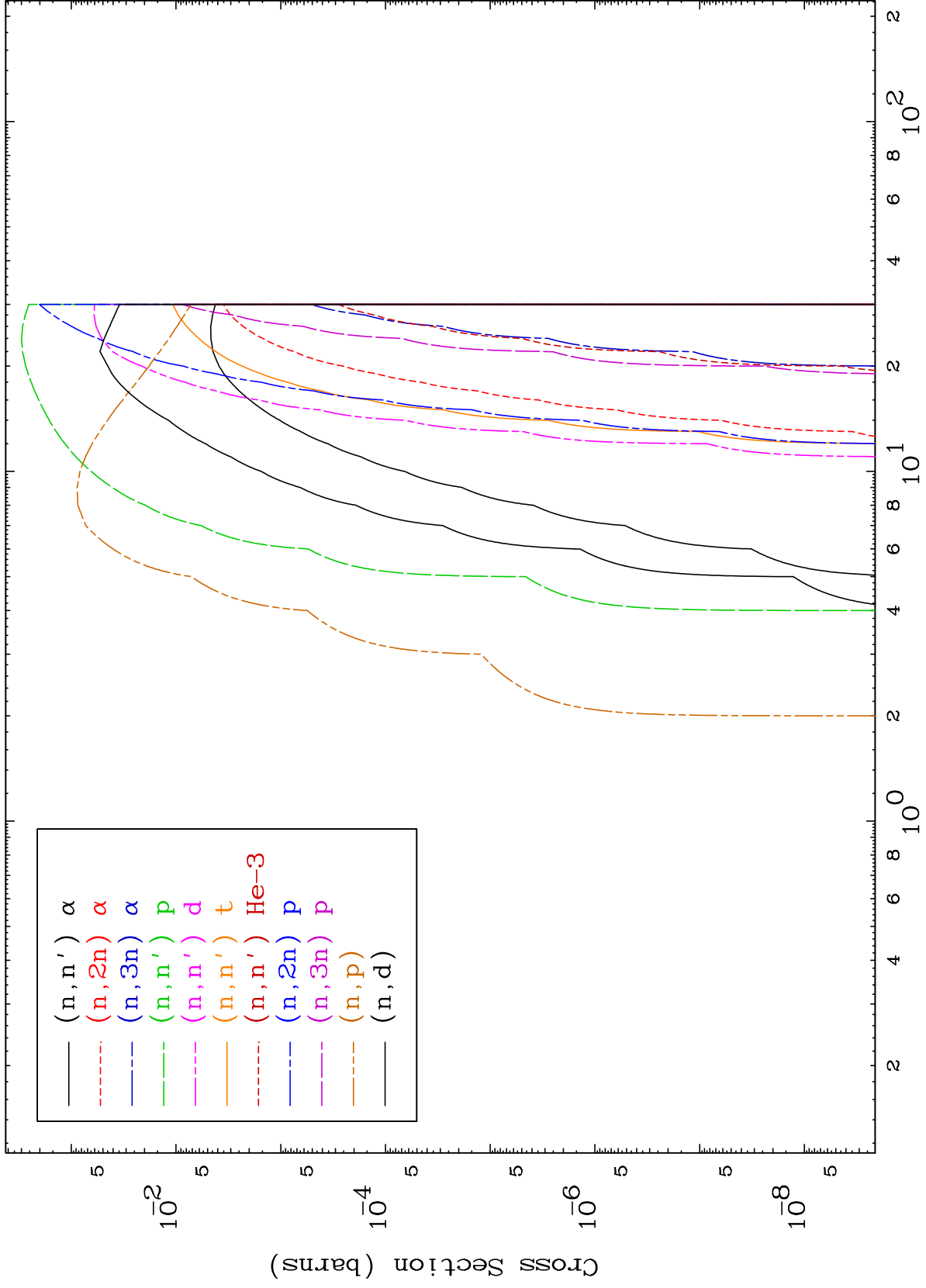
MAT 5143

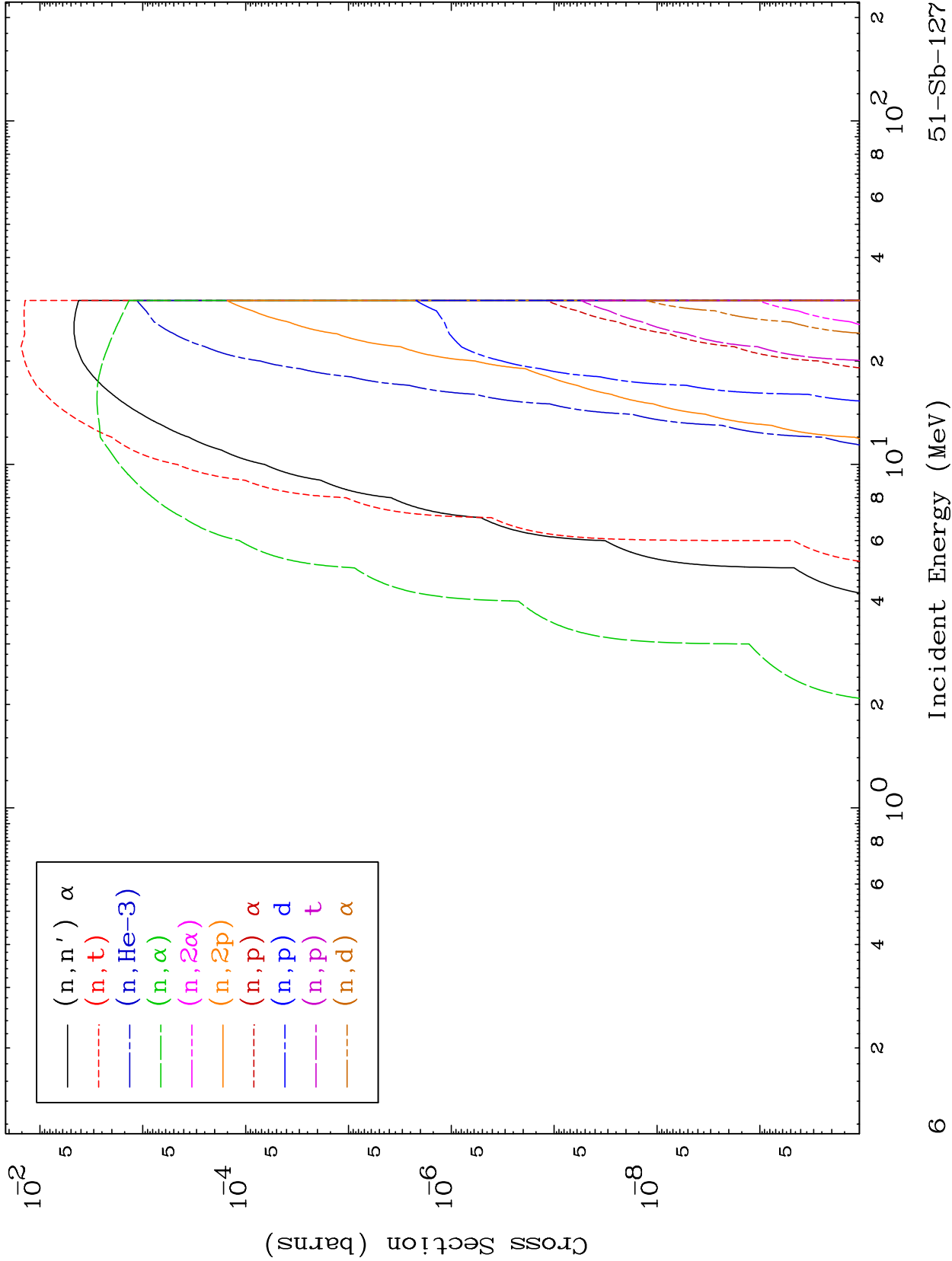
Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-127





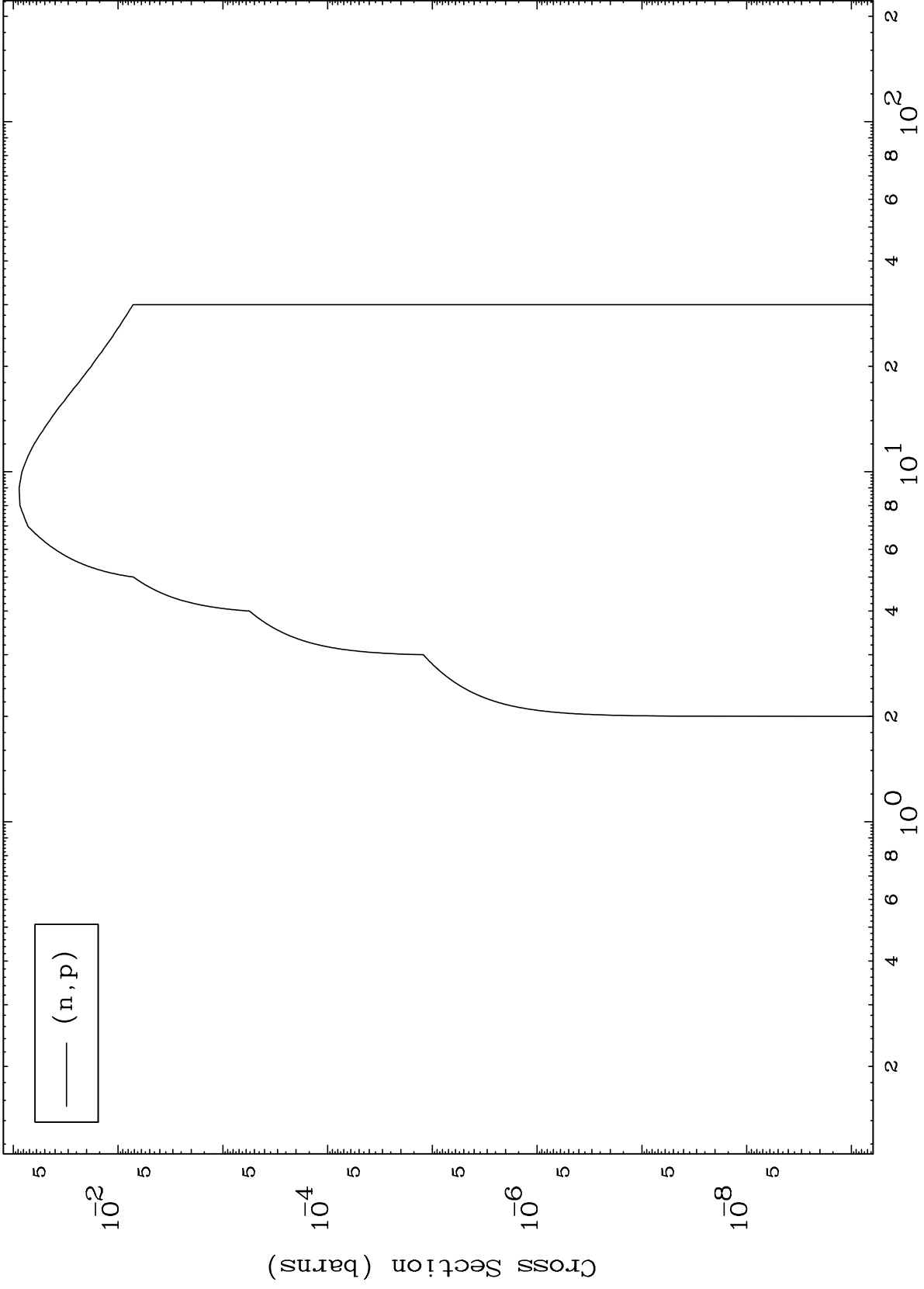




MAT 5143

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-127

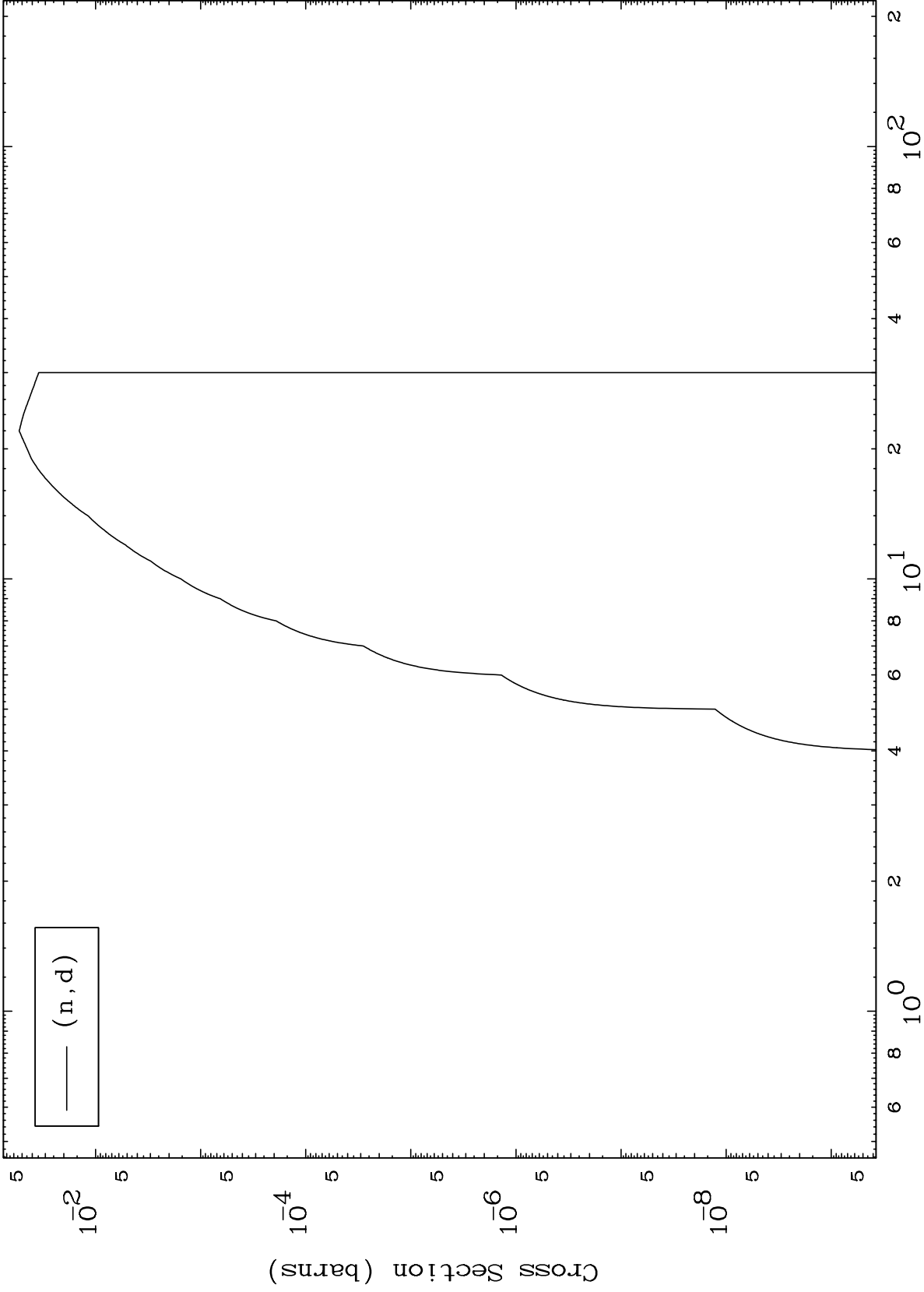


MAT 5143

(d,d) Levels

51-Sb-127

0 Kelvin Cross Sections



8

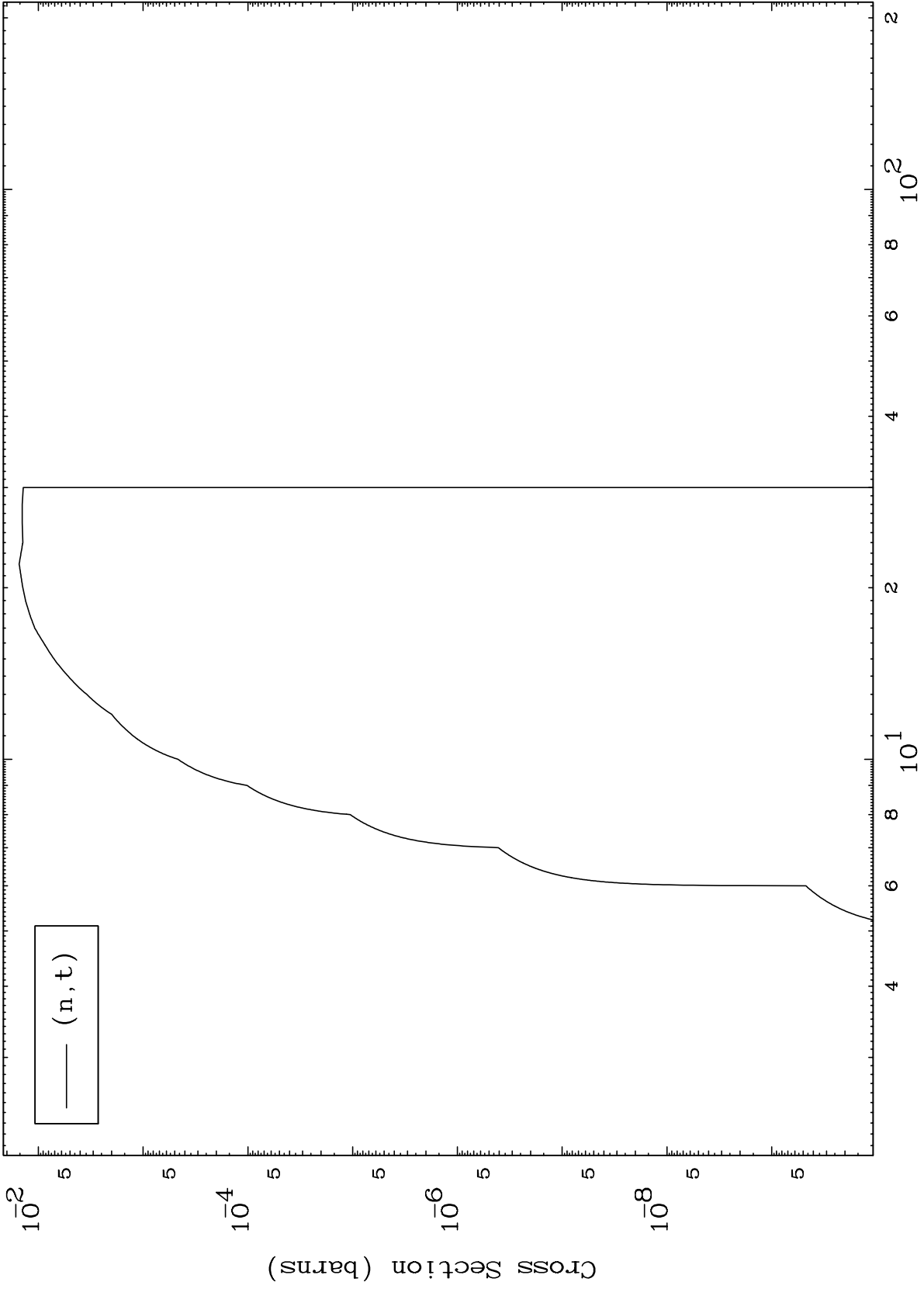
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

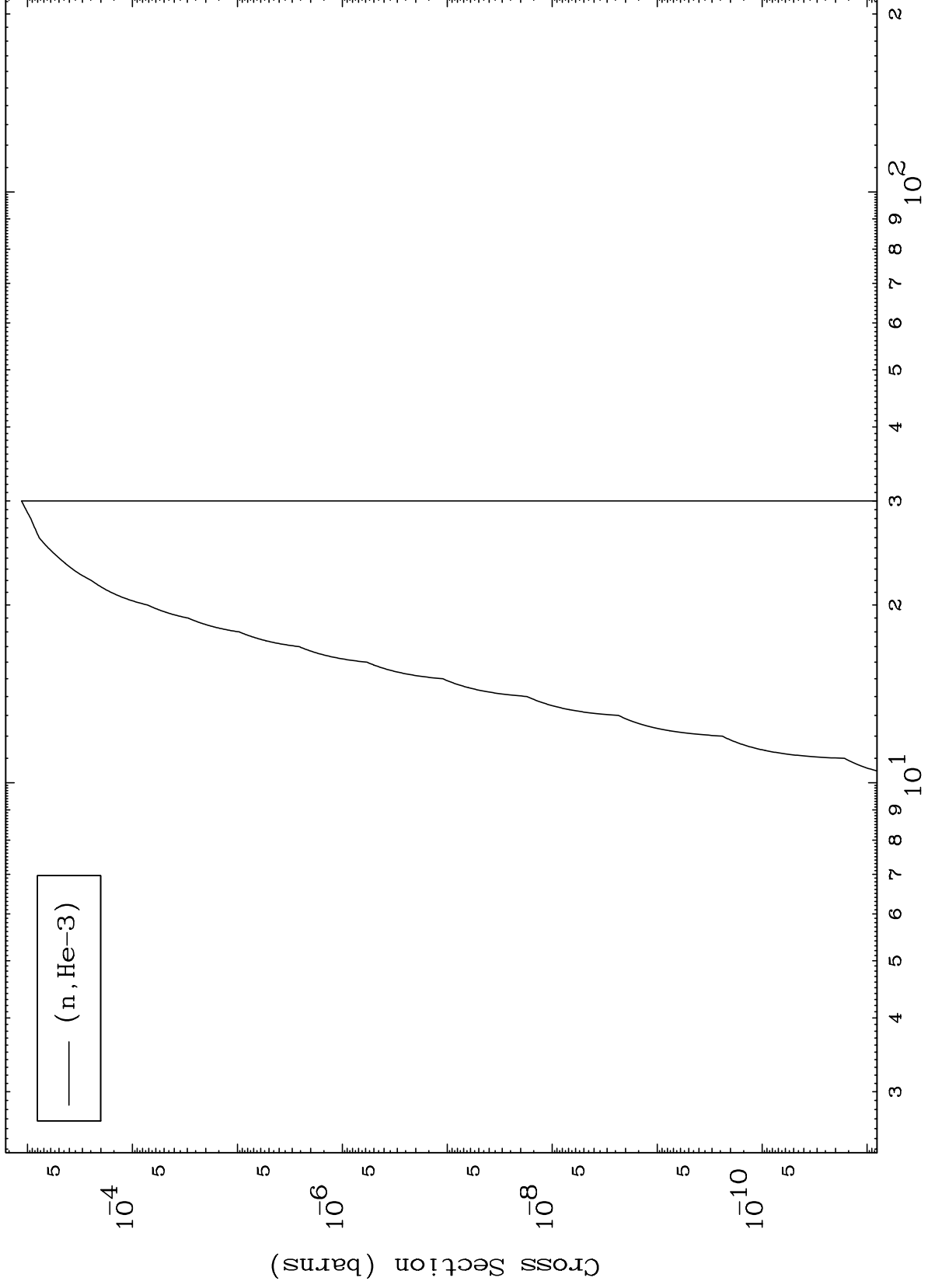
(d,t) Levels
0 Kelvin Cross Sections



MAT 5143

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-127



10

Incident Energy (MeV)

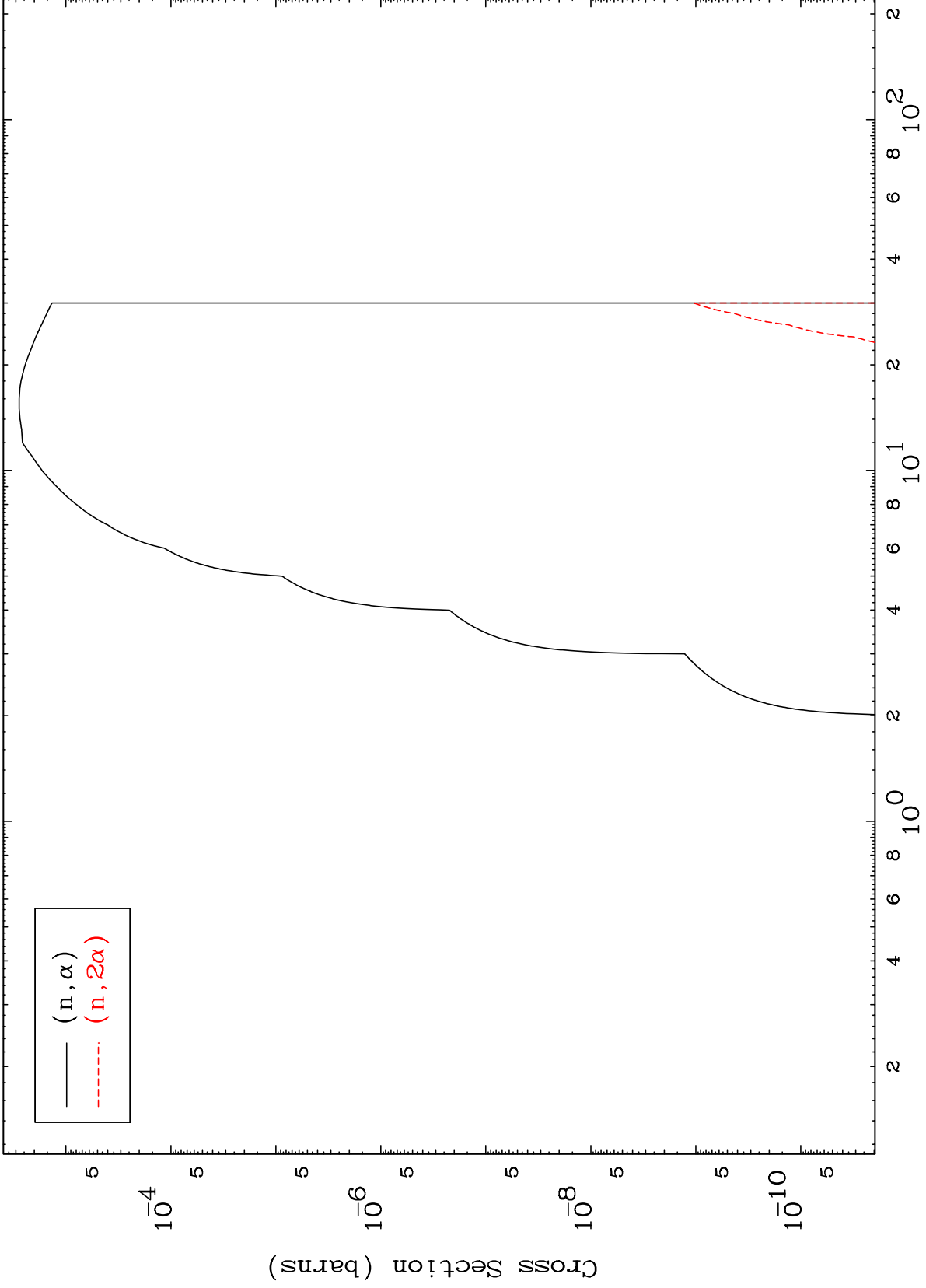
51-Sb-127

MAT 5143

(d, α) Levels

51-Sb-127

0 Kelvin Cross Sections



MAT 5143

51-Sb-127

Radionuclide Production Cross Section
(n,2n)



12

Incident Energy (MeV)

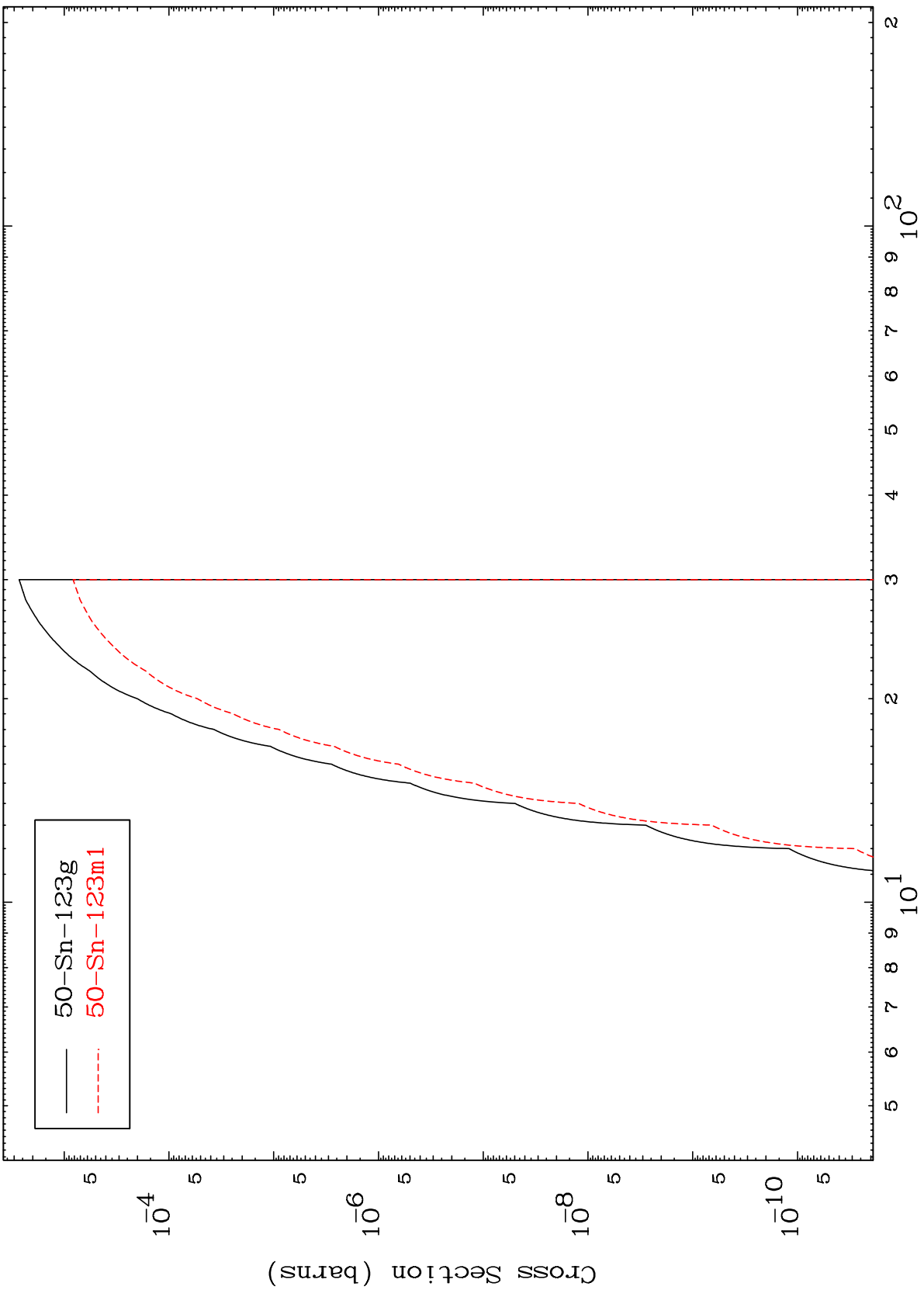
51-Sb-127

MAT 5143

(n,2n) α

51-Sb-127

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

13

Incident Energy (MeV)

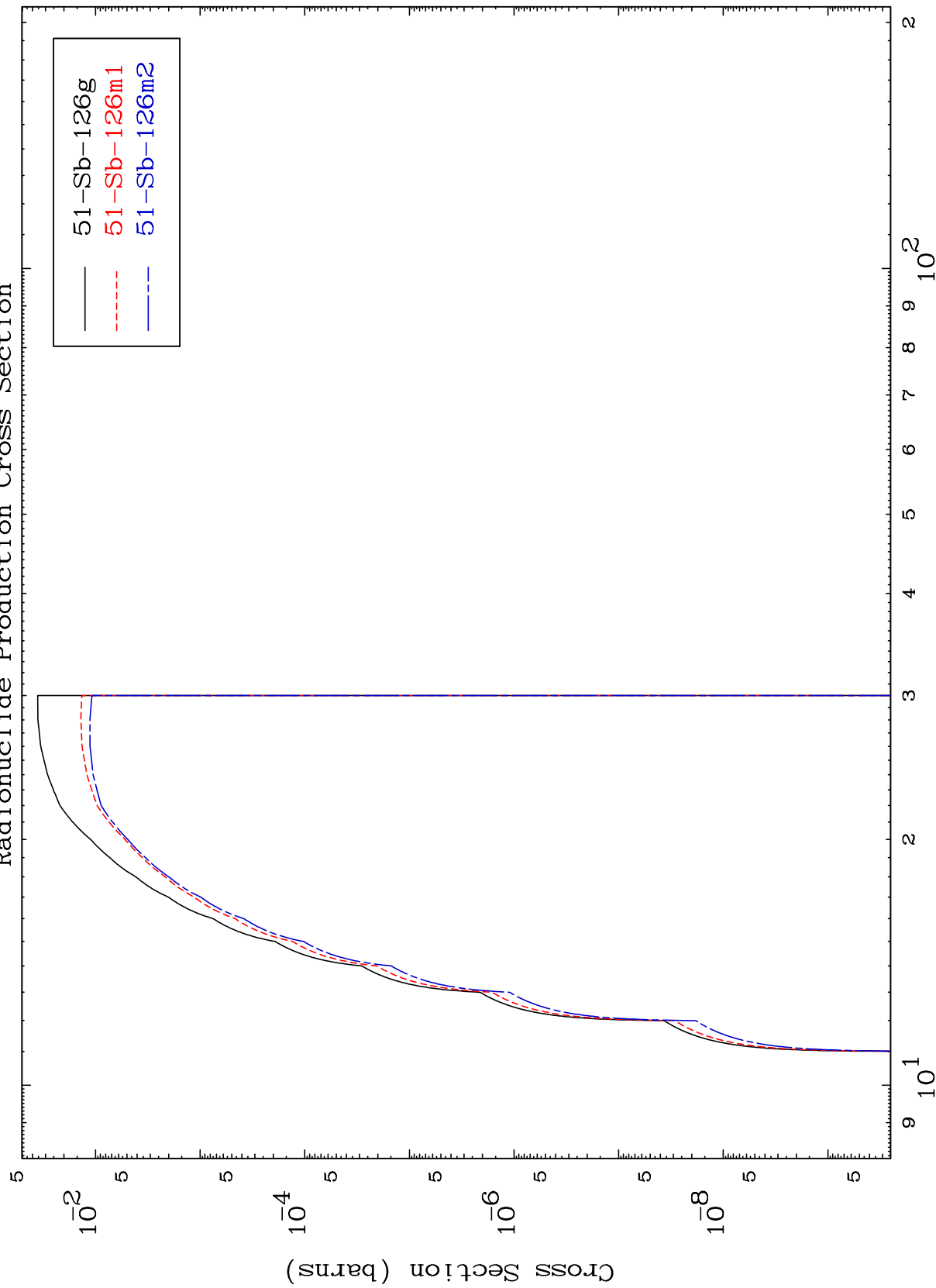
51-Sb-127

MAT 5143

(n,n') d

51-Sb-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

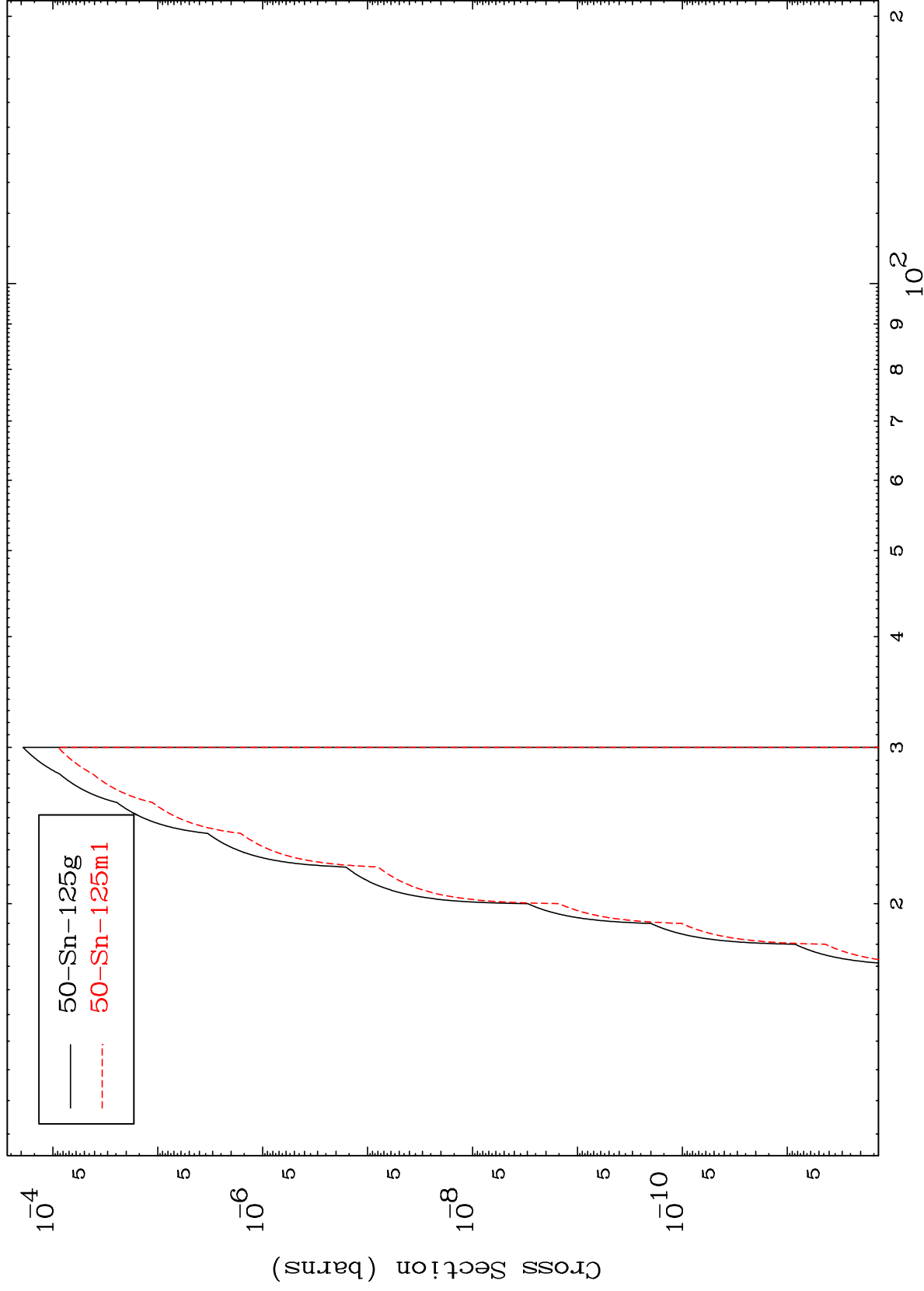
51-Sb-127

MAT 5143

(n,n') He-3

51-Sb-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

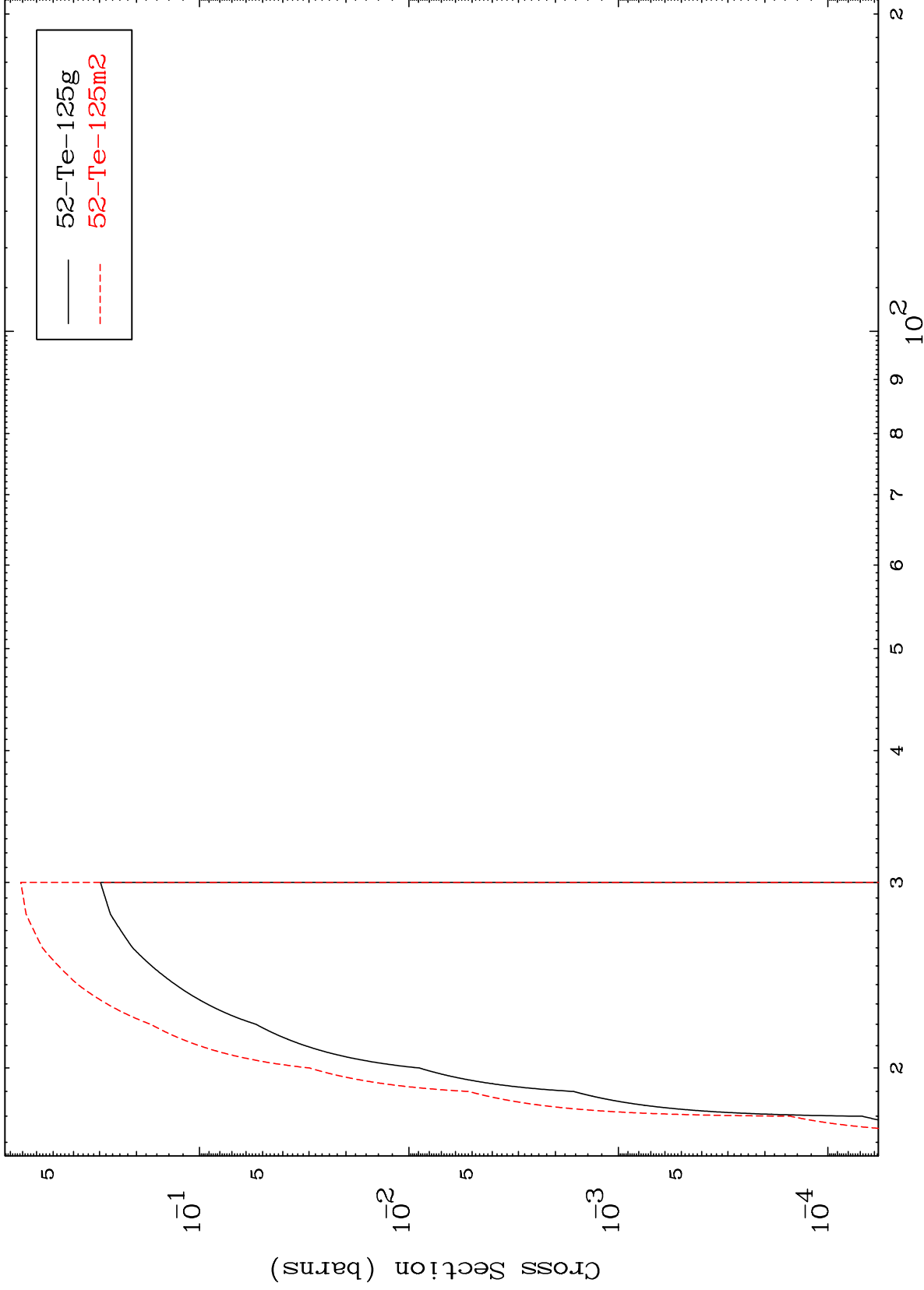
51-Sb-127

MAT 5143

(n,4n)

51-Sb-127

Radionuclide Production Cross Section

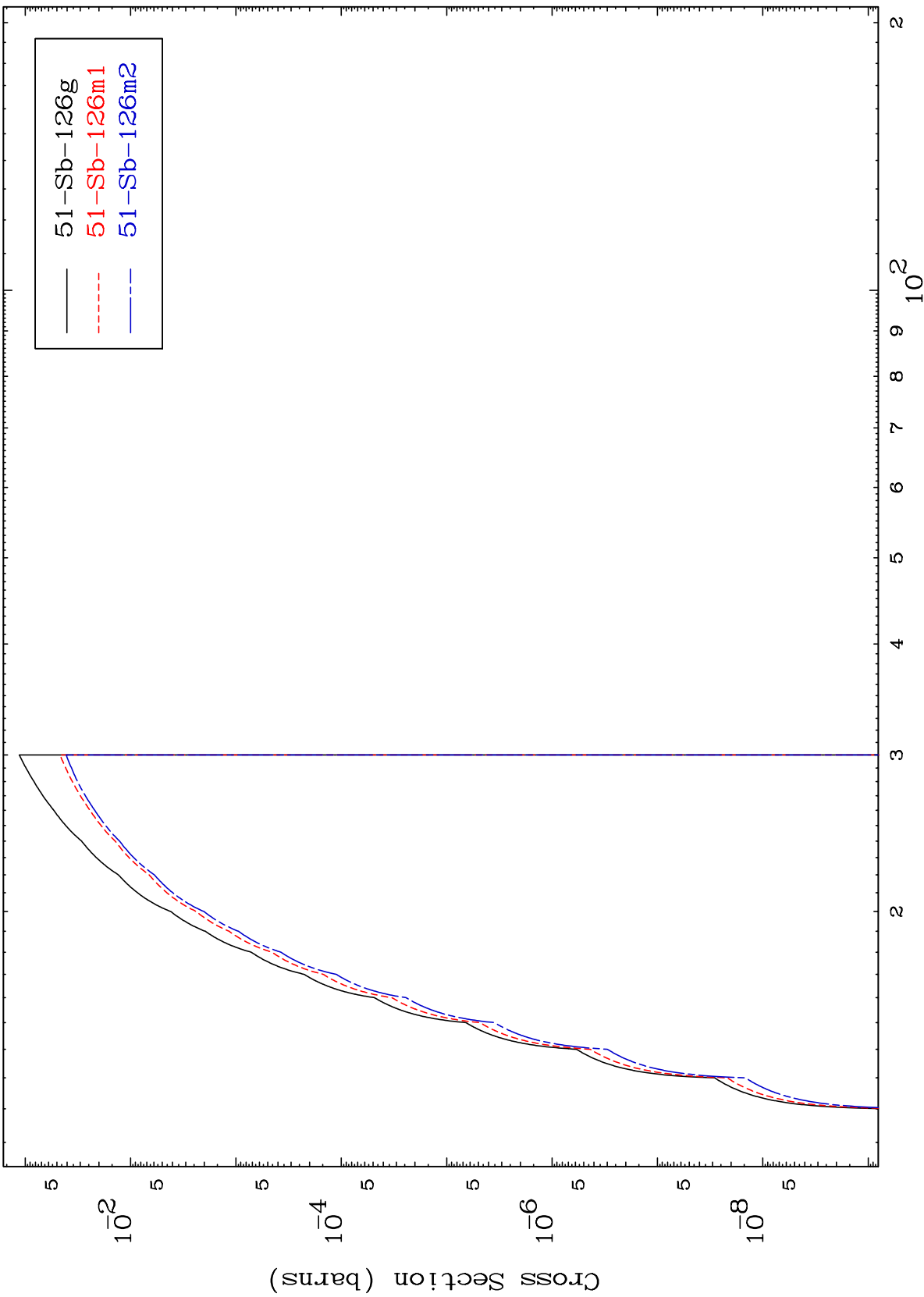


16

Incident Energy (MeV)

51-Sb-127

Radionuclide Production Cross Section

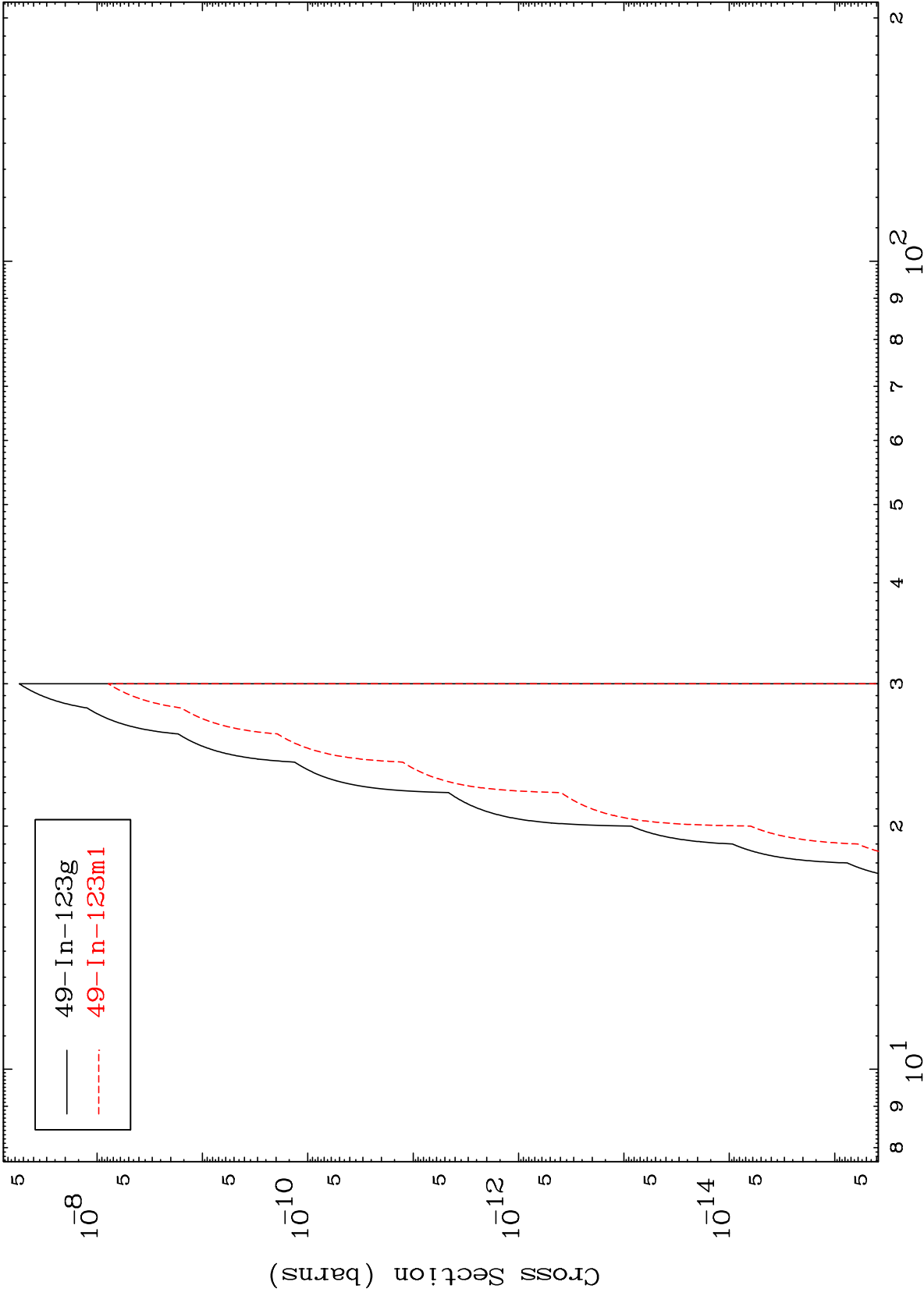


MAT 5143

(n,n') p α

51-Sb-127

Radionuclide Production Cross Section



18

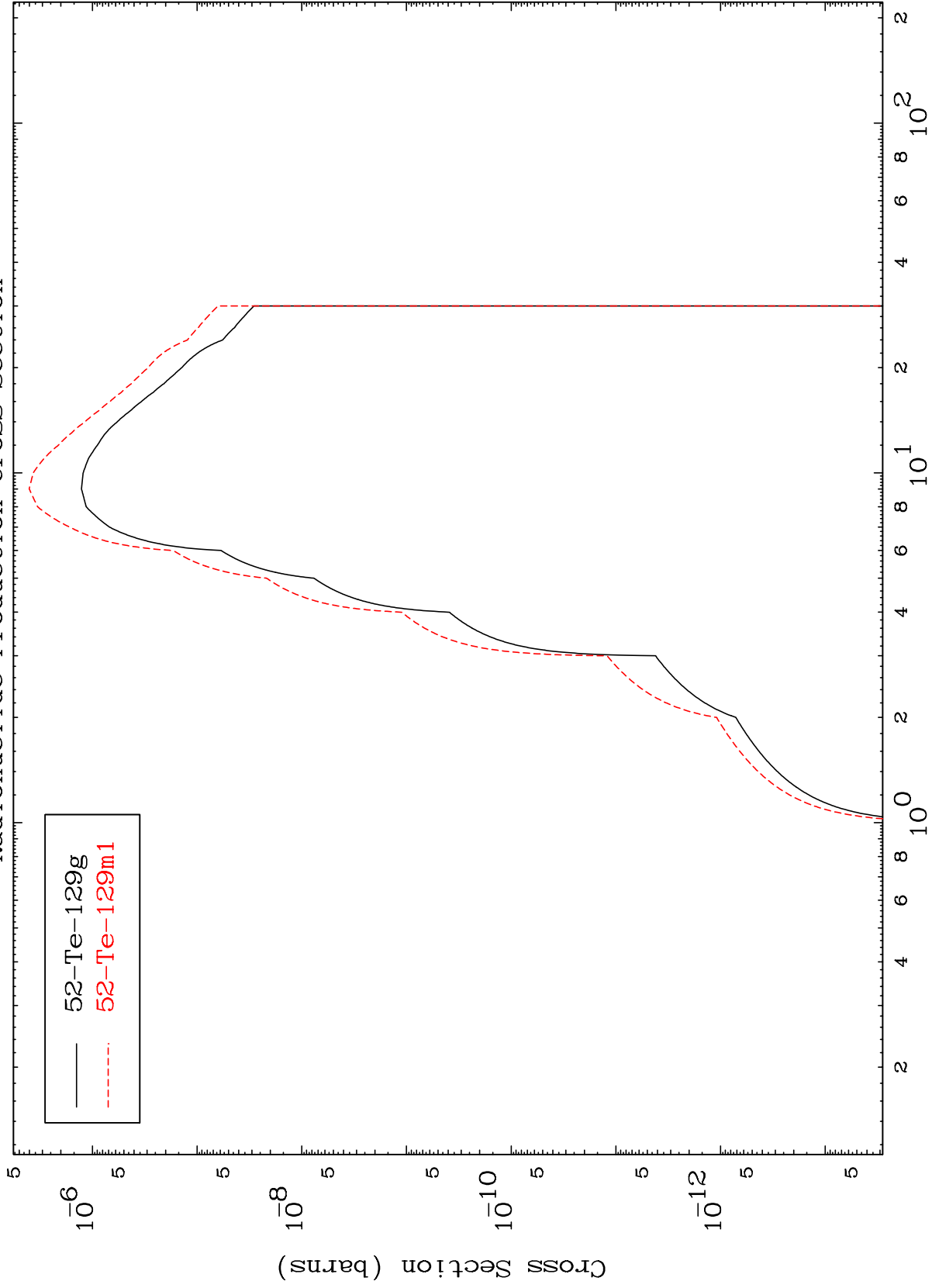
Incident Energy (MeV)

51-Sb-127

MAT 5143

51-Sb-127

(n, γ)
Radionuclide Production Cross Section



52-Te-129g
52-Te-129m1

51-Sb-127

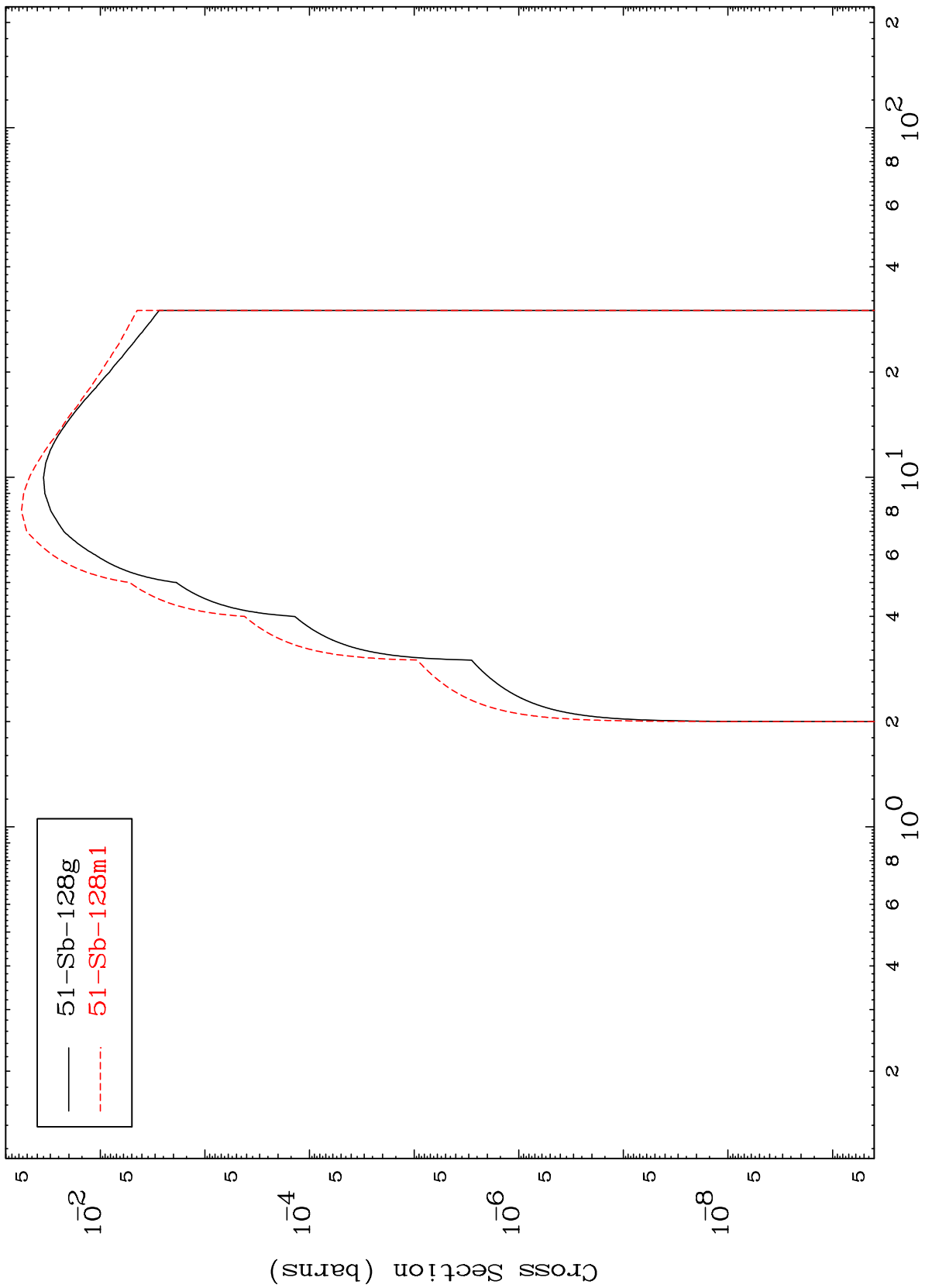
Incident Energy (MeV)

19

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51-Sb-127

(n,p)
Radionuclide Production Cross Section



51-Sb-128g
51-Sb-128m1

51-Sb-127

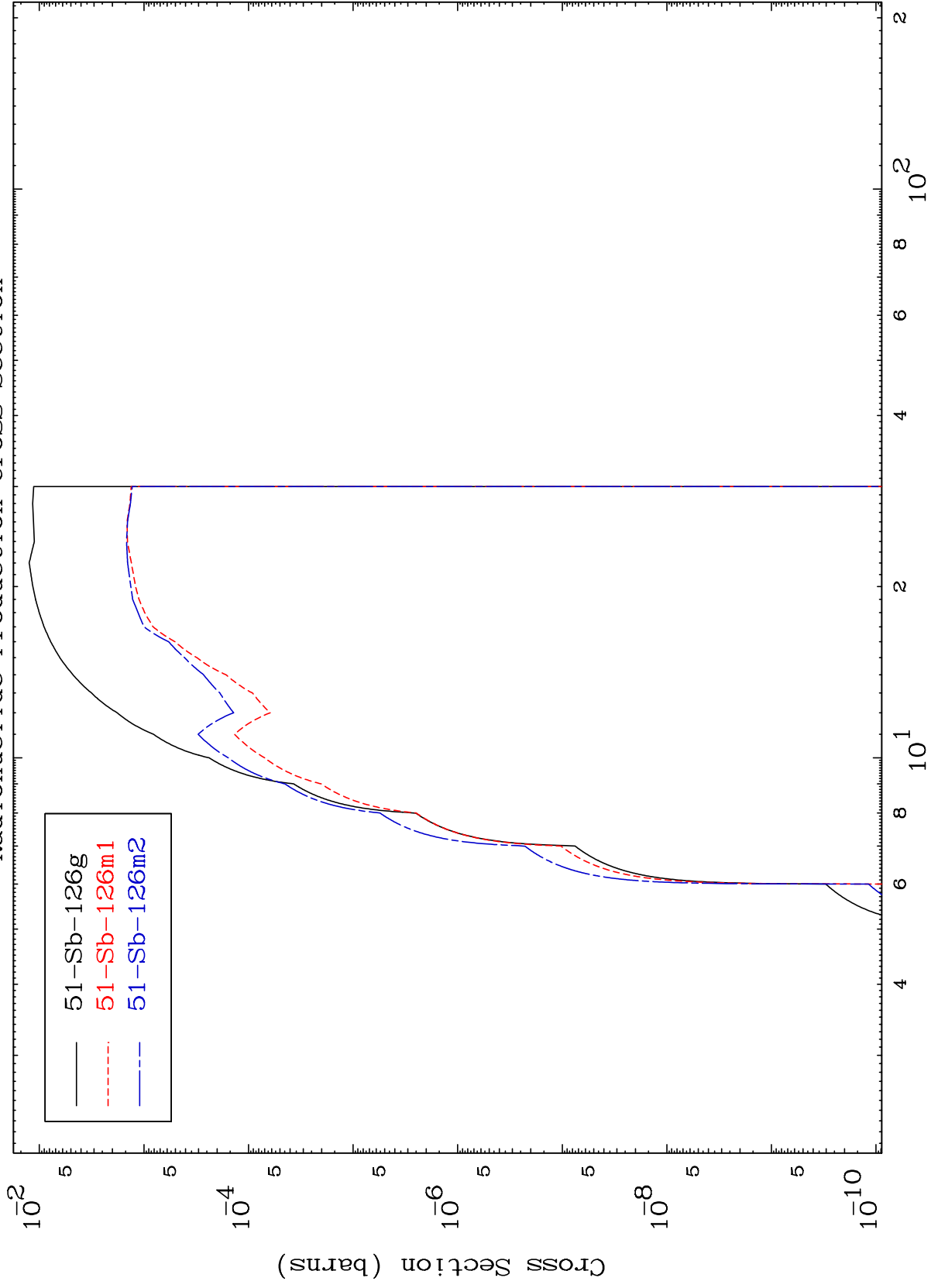
Incident Energy (MeV)

20

MAT 5143

51-Sb-127

(n, t)
Radionuclide Production Cross Section



51-Sb-127

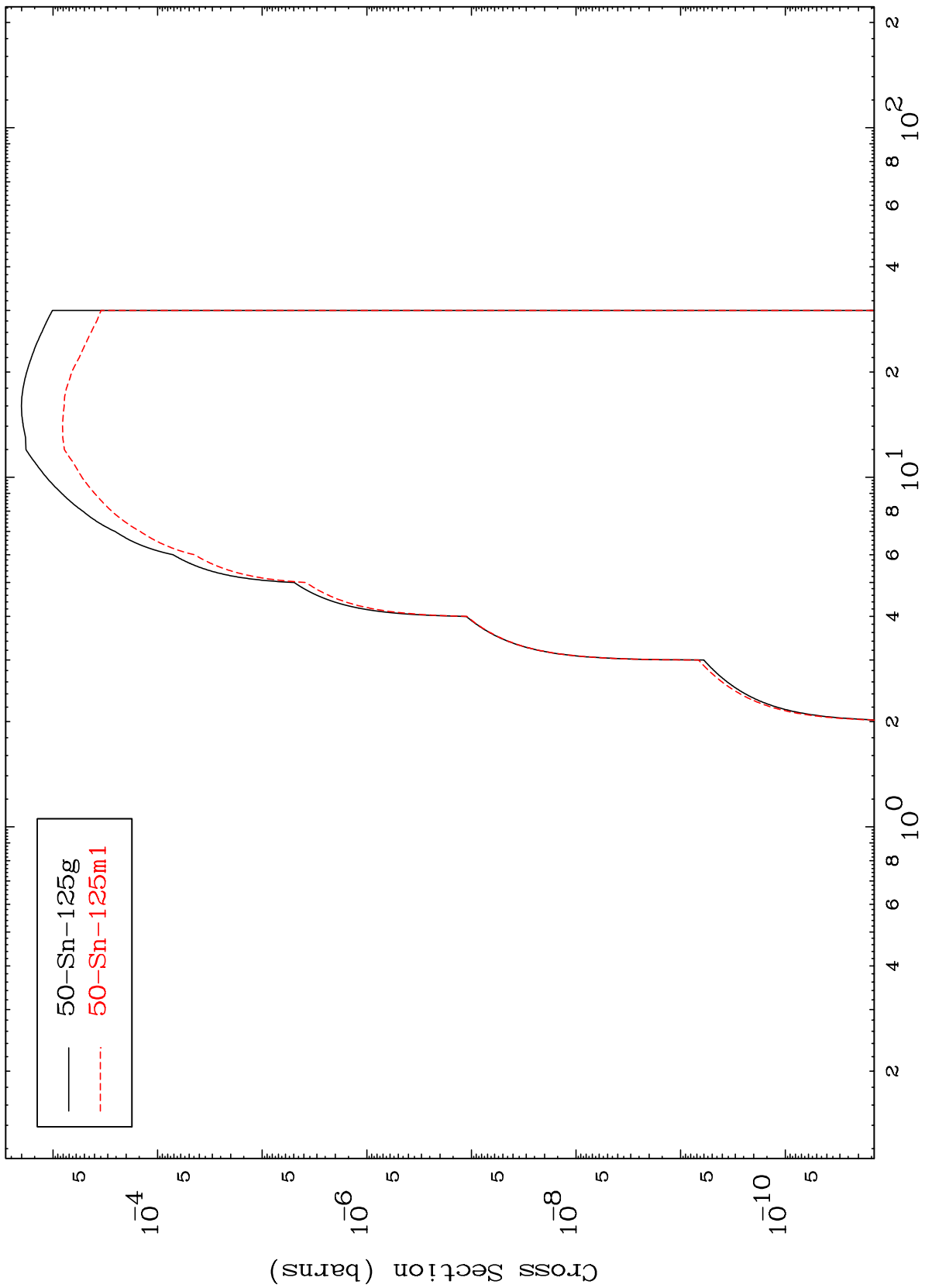
Incident Energy (MeV)

21

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51-Sb-127

(n, α)
Radionuclide Production Cross Section



51-Sb-127

Incident Energy (MeV)

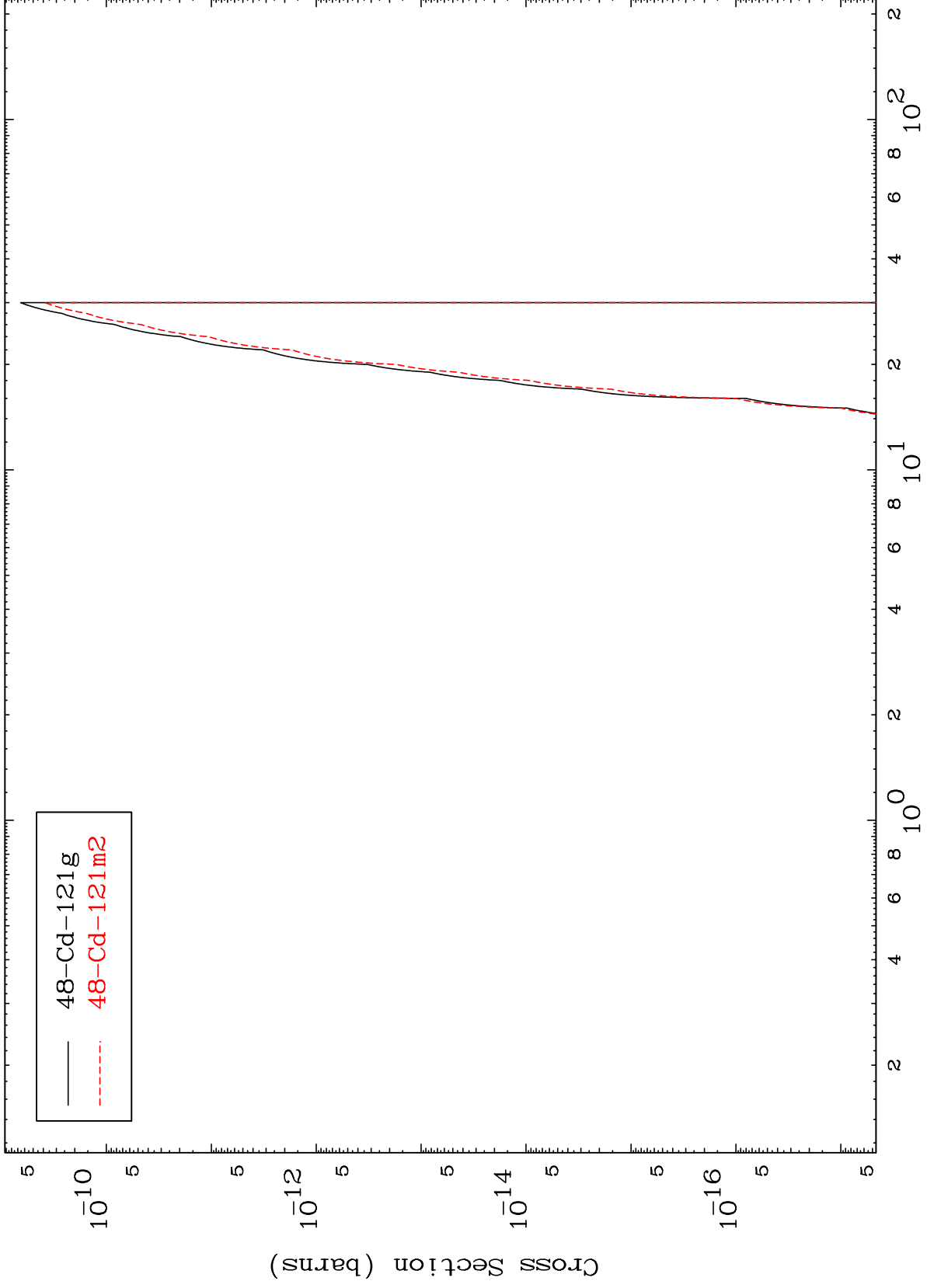
22

MAT 5143

(n,2α)

51-Sb-127

Radionuclide Production Cross Section

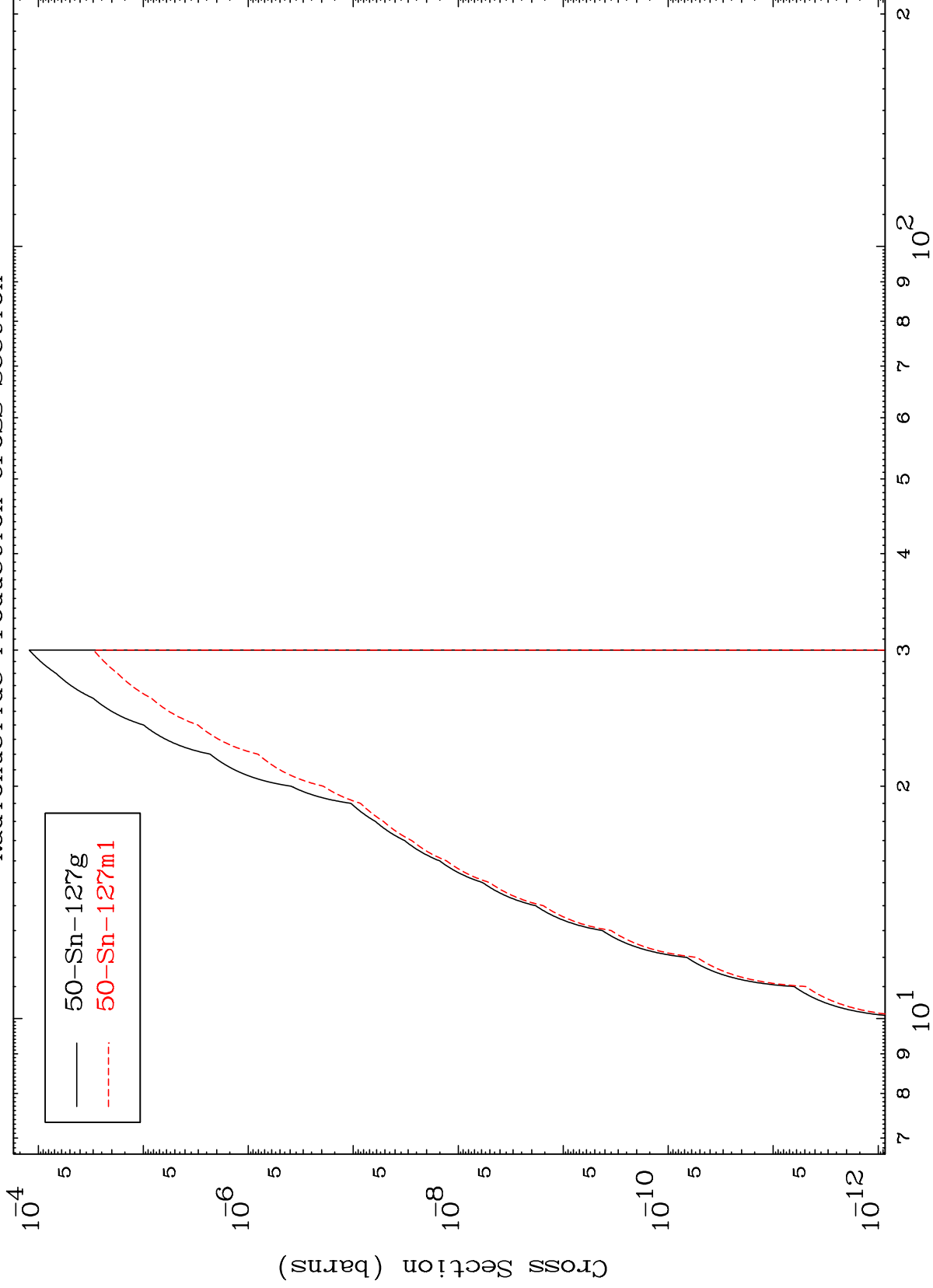


MAT 5143

(n,2p)

51-Sb-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

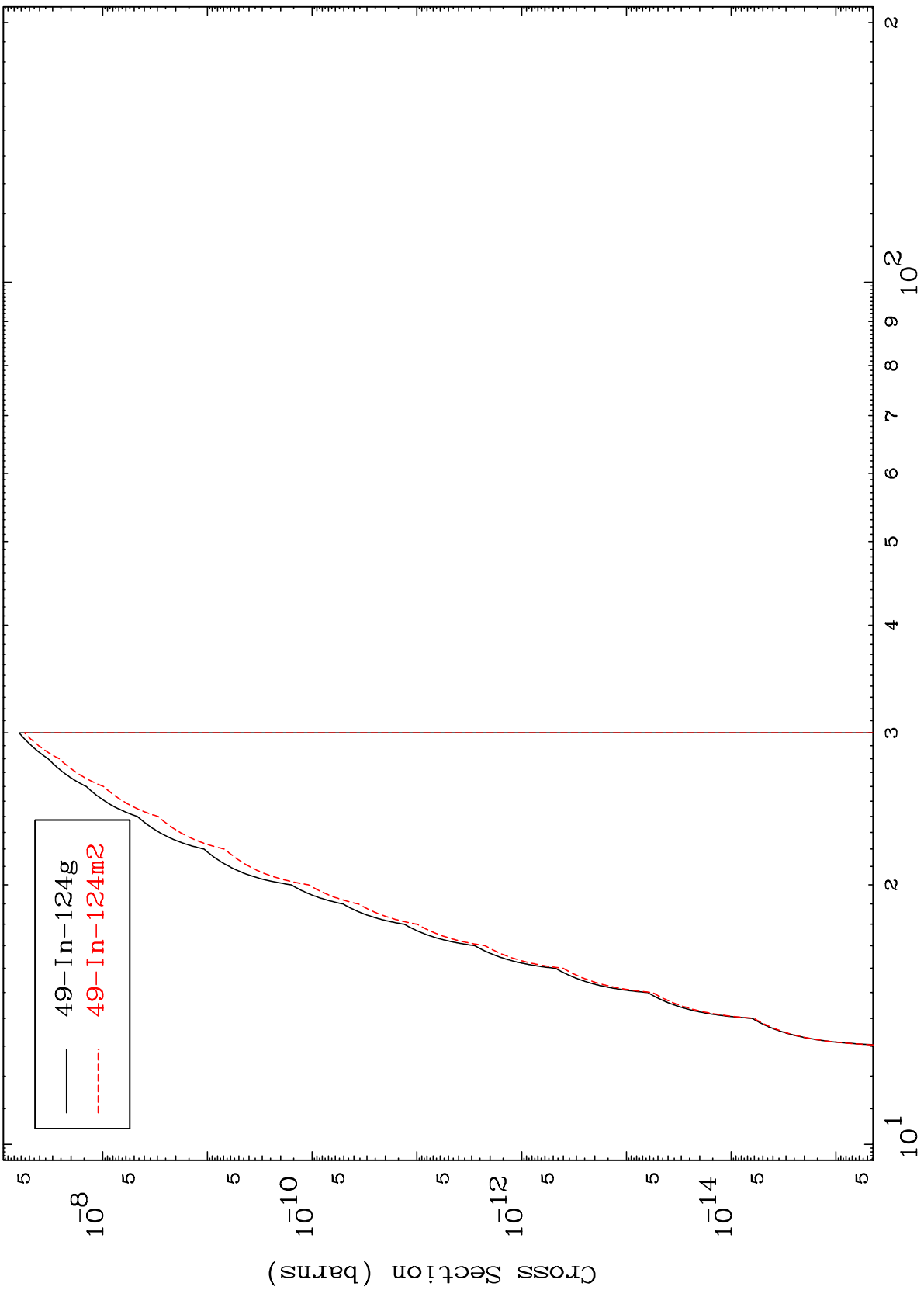
51-Sb-127

MAT 5143

(n,p) α

51-Sb-127

Radionuclide Production Cross Section



25

Incident Energy (MeV)

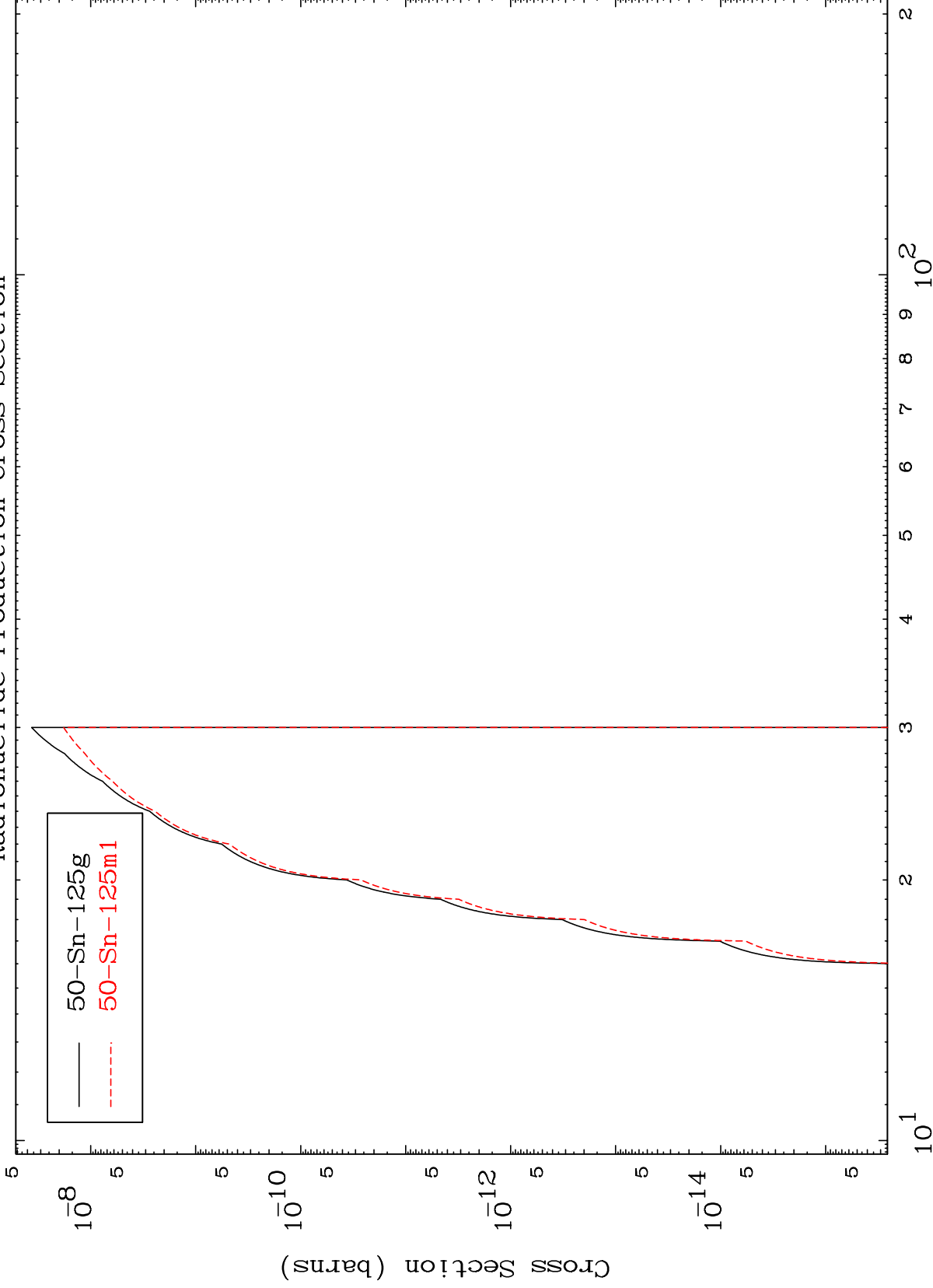
51-Sb-127

MAT 5143

(n,p) t

51-Sb-127

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-127

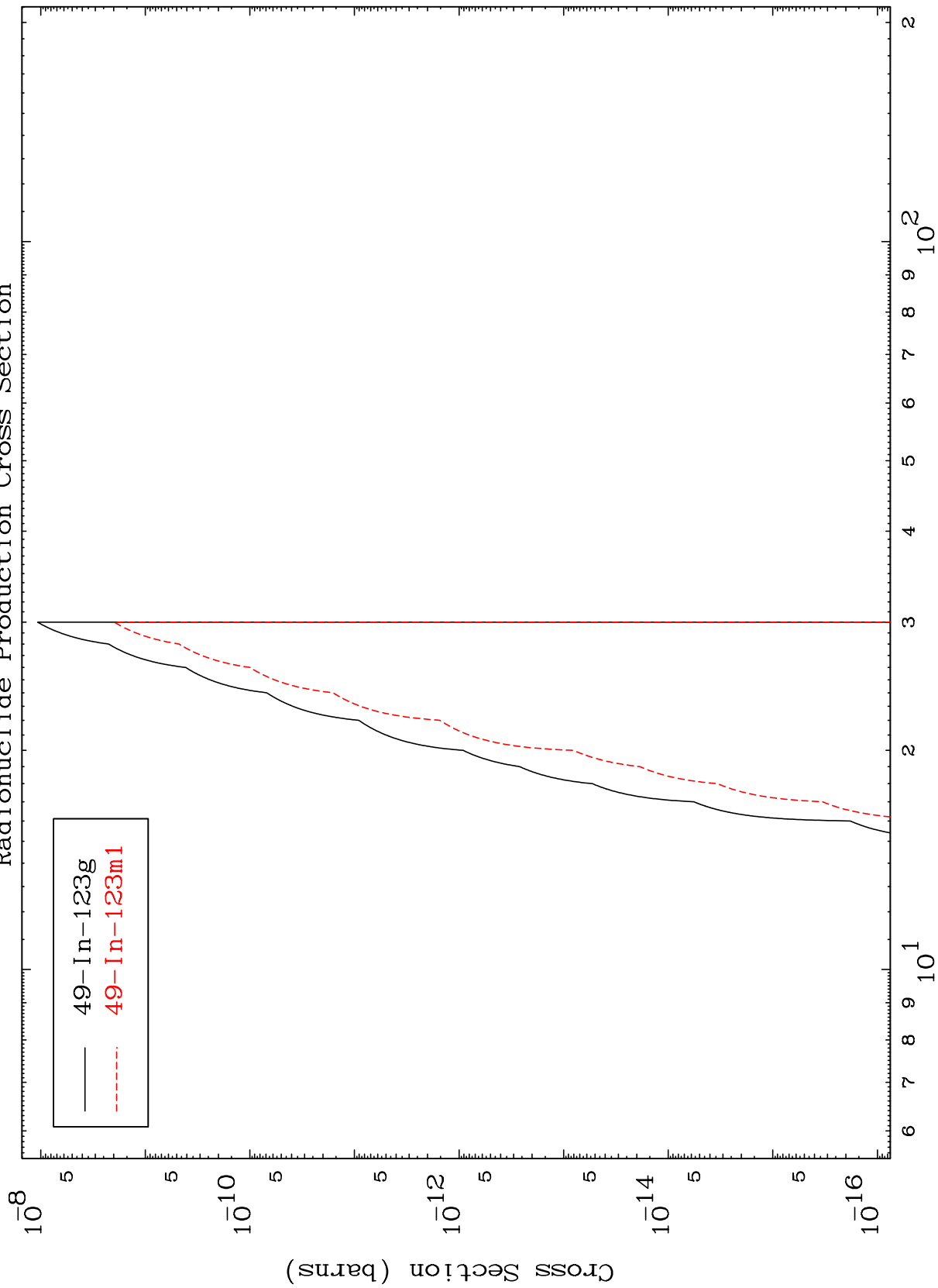
26

MAT 5143

(n,d) α

51-Sb-127

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-127