

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

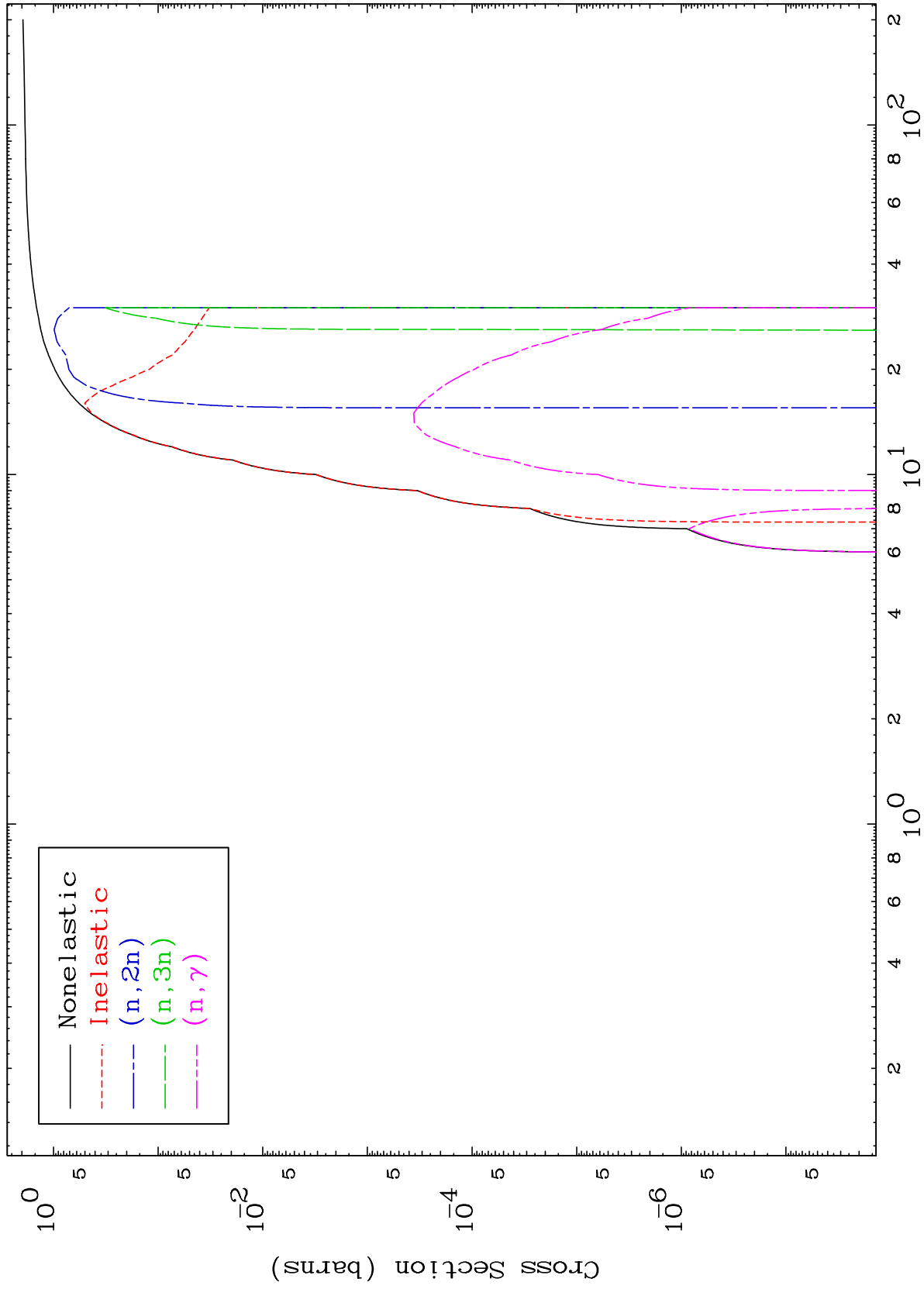
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4126

0 Kelvin  $\alpha$  Major  
Cross Sections

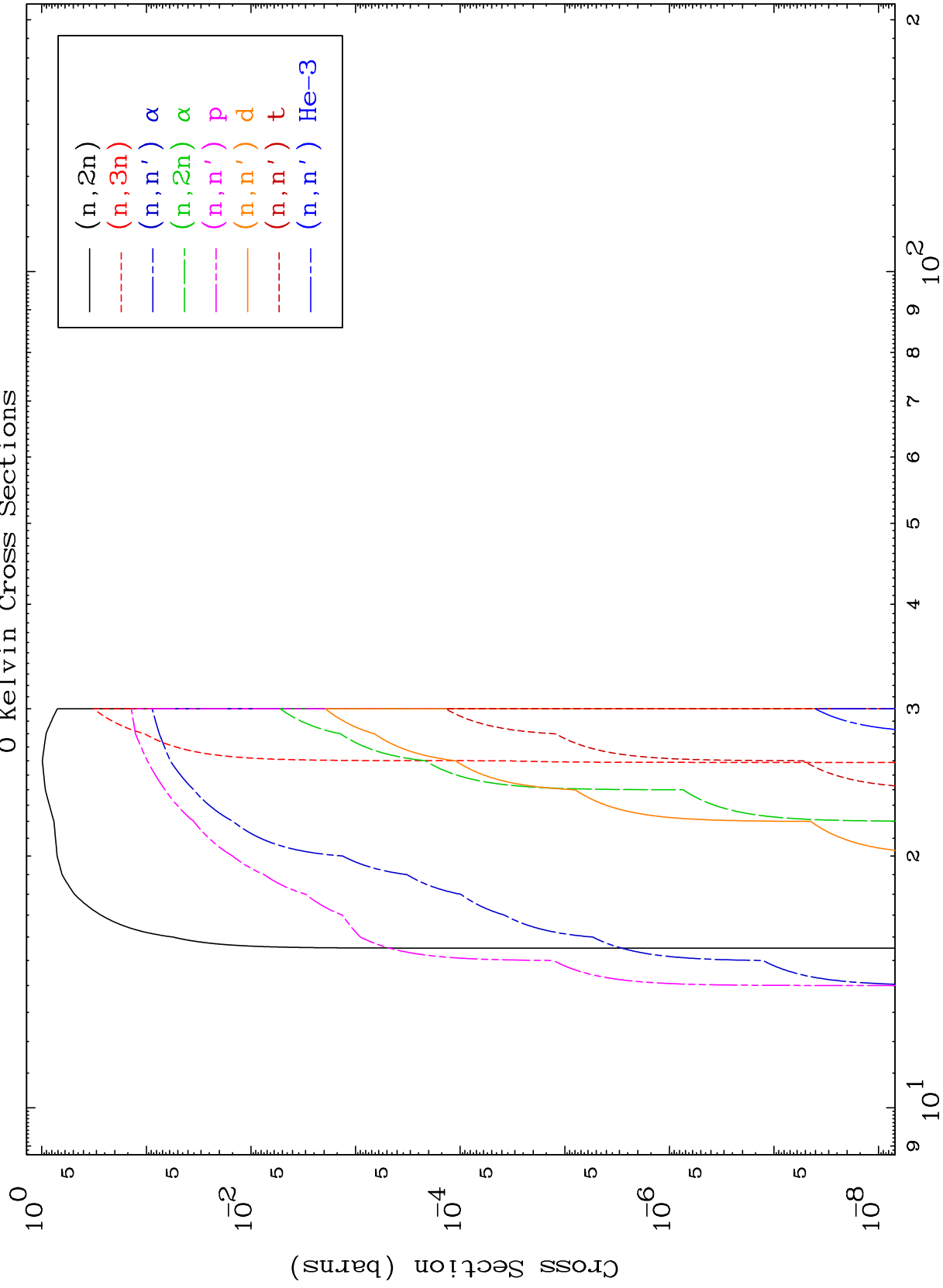
41-Nb-93m



MAT 4126

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-93m



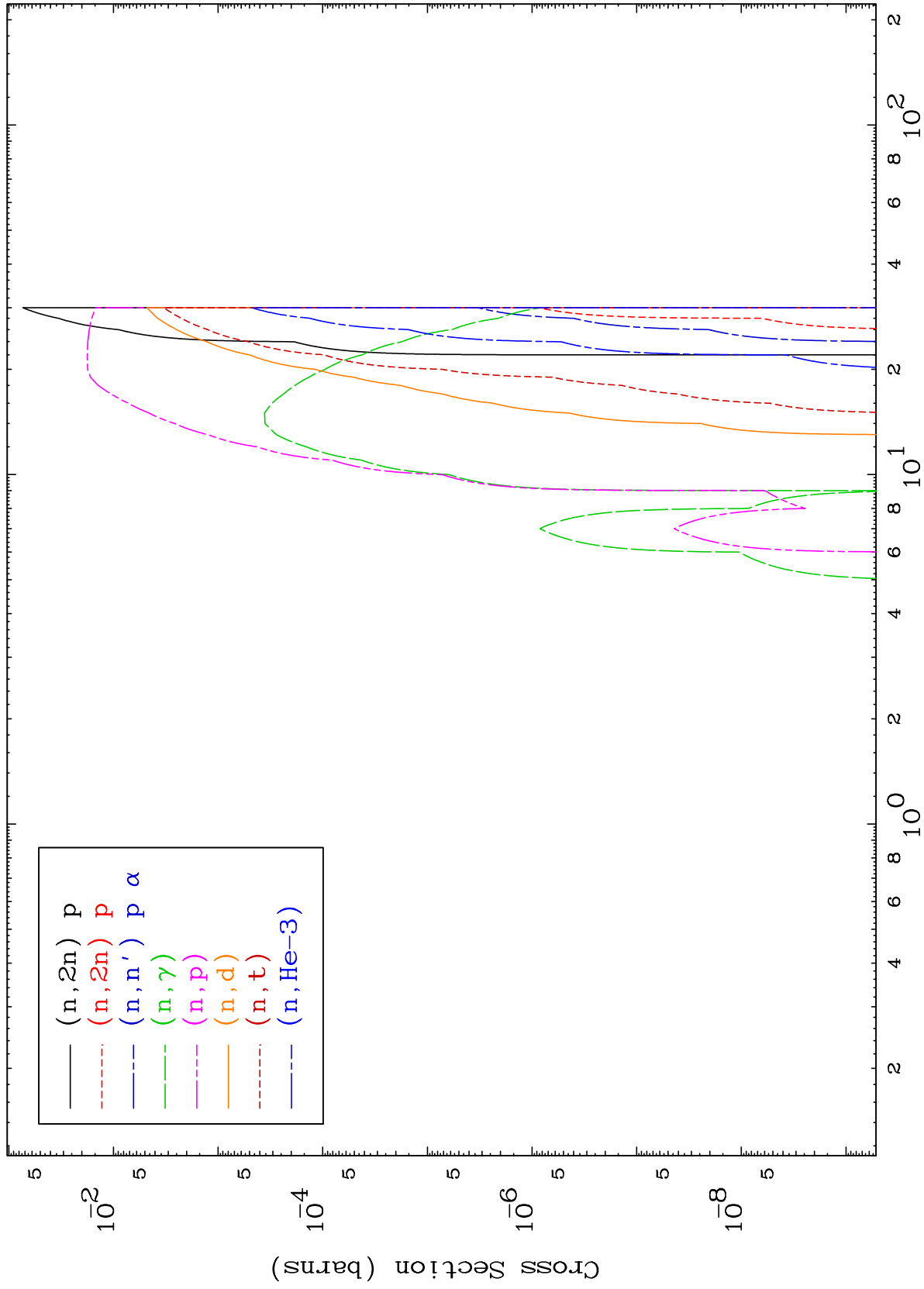
Incident Energy (MeV)

41-Nb-93m

MAT 4126

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-93m



3

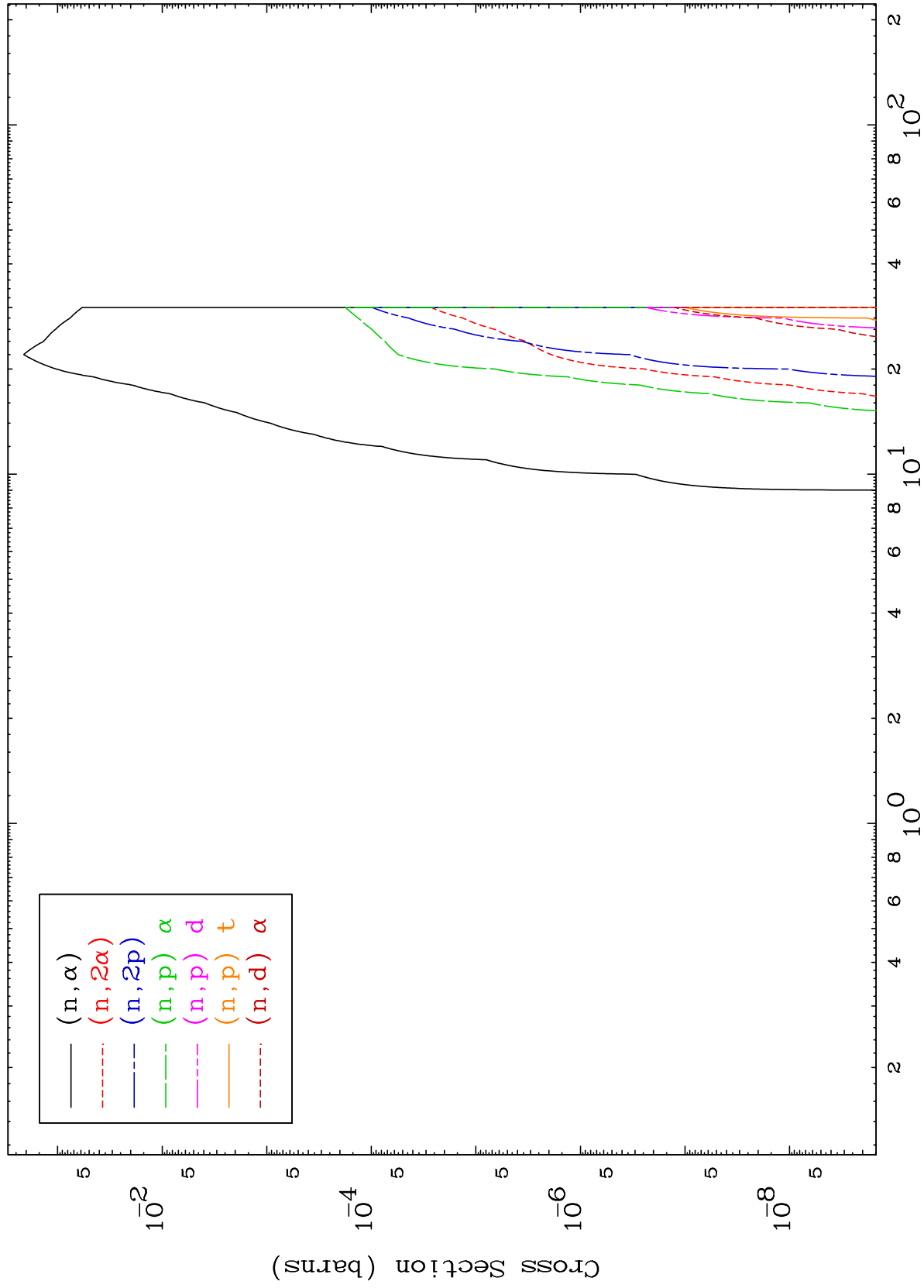
Incident Energy (MeV)

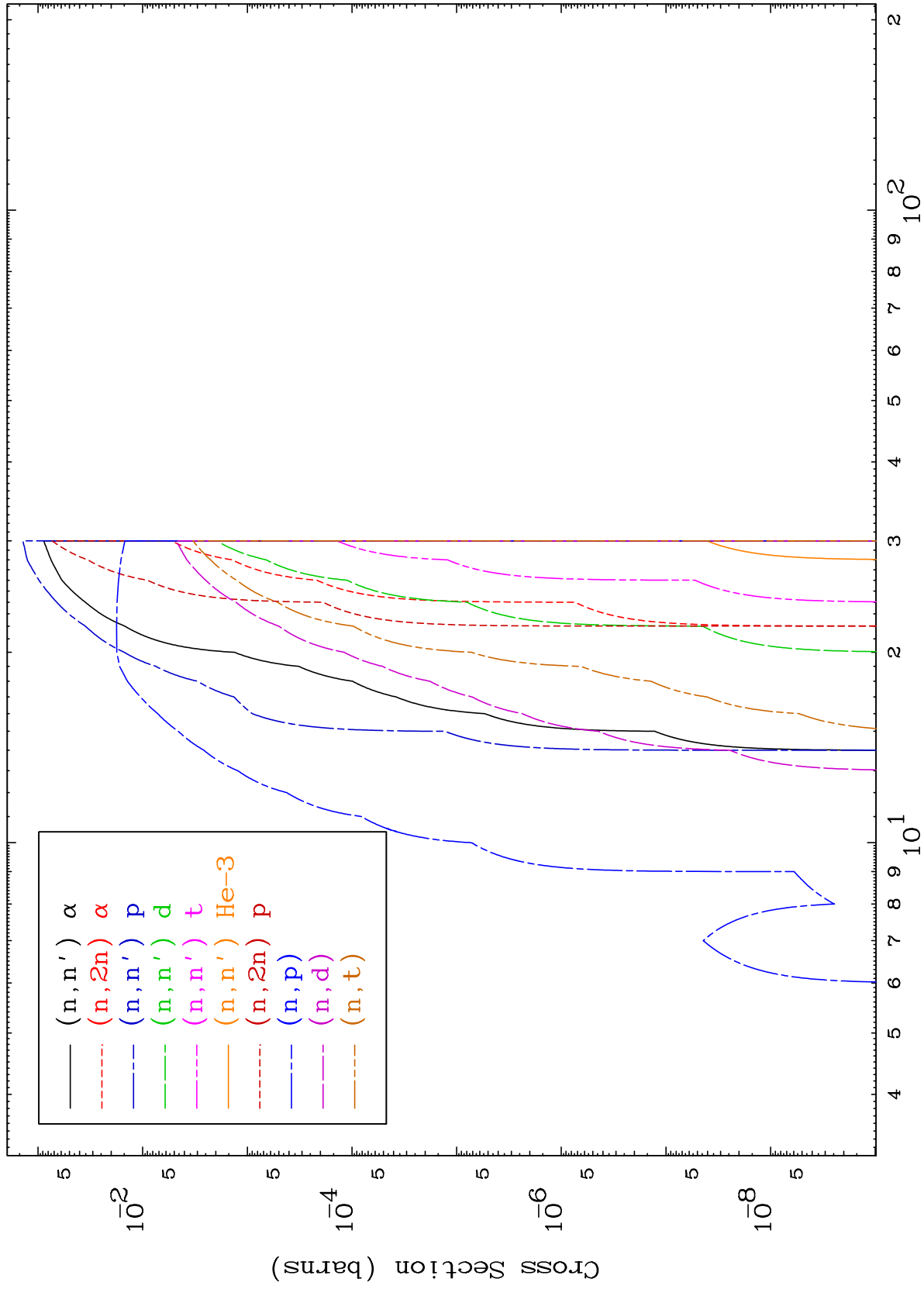
41-Nb-93m

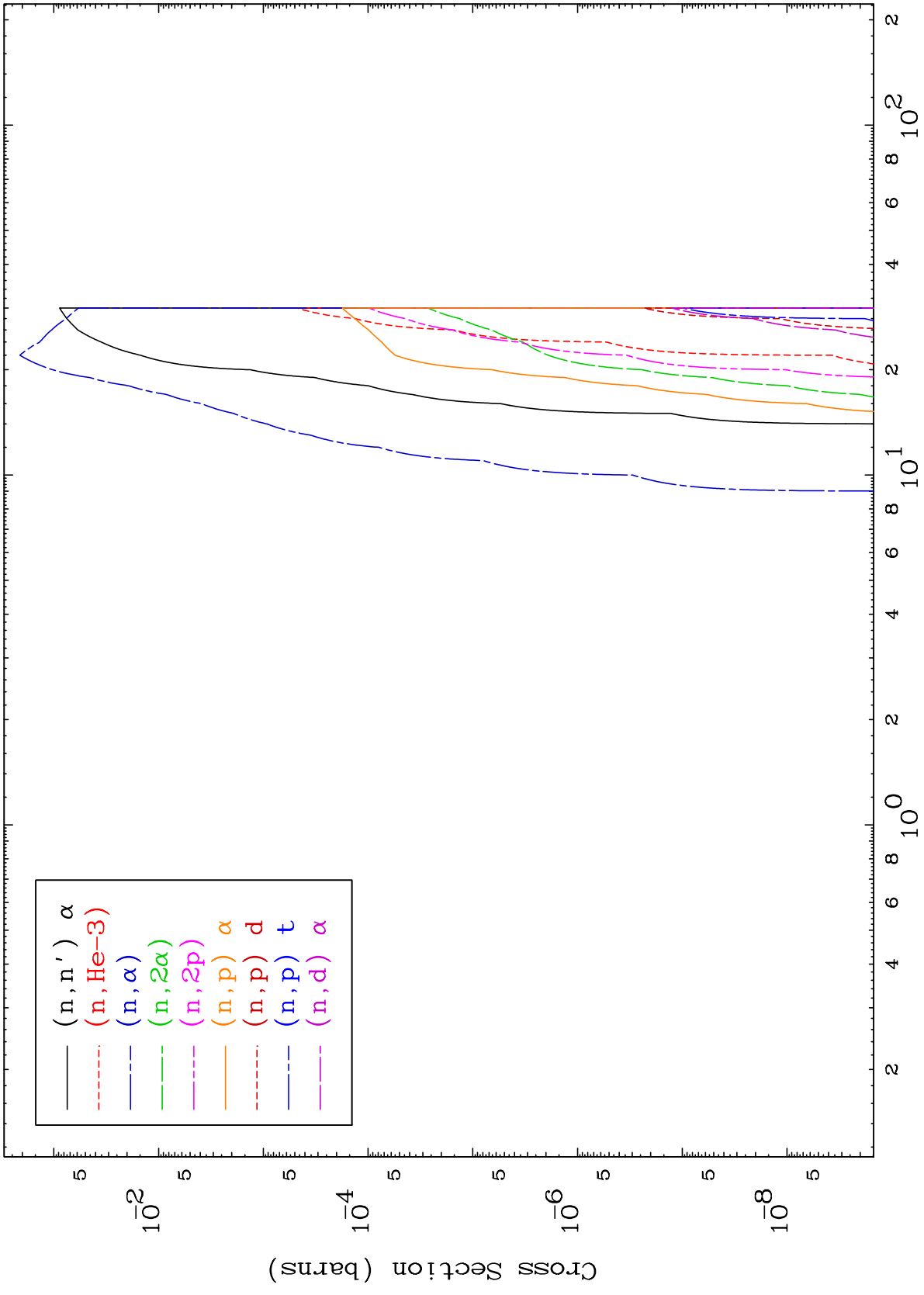
MAT 4126

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-93m



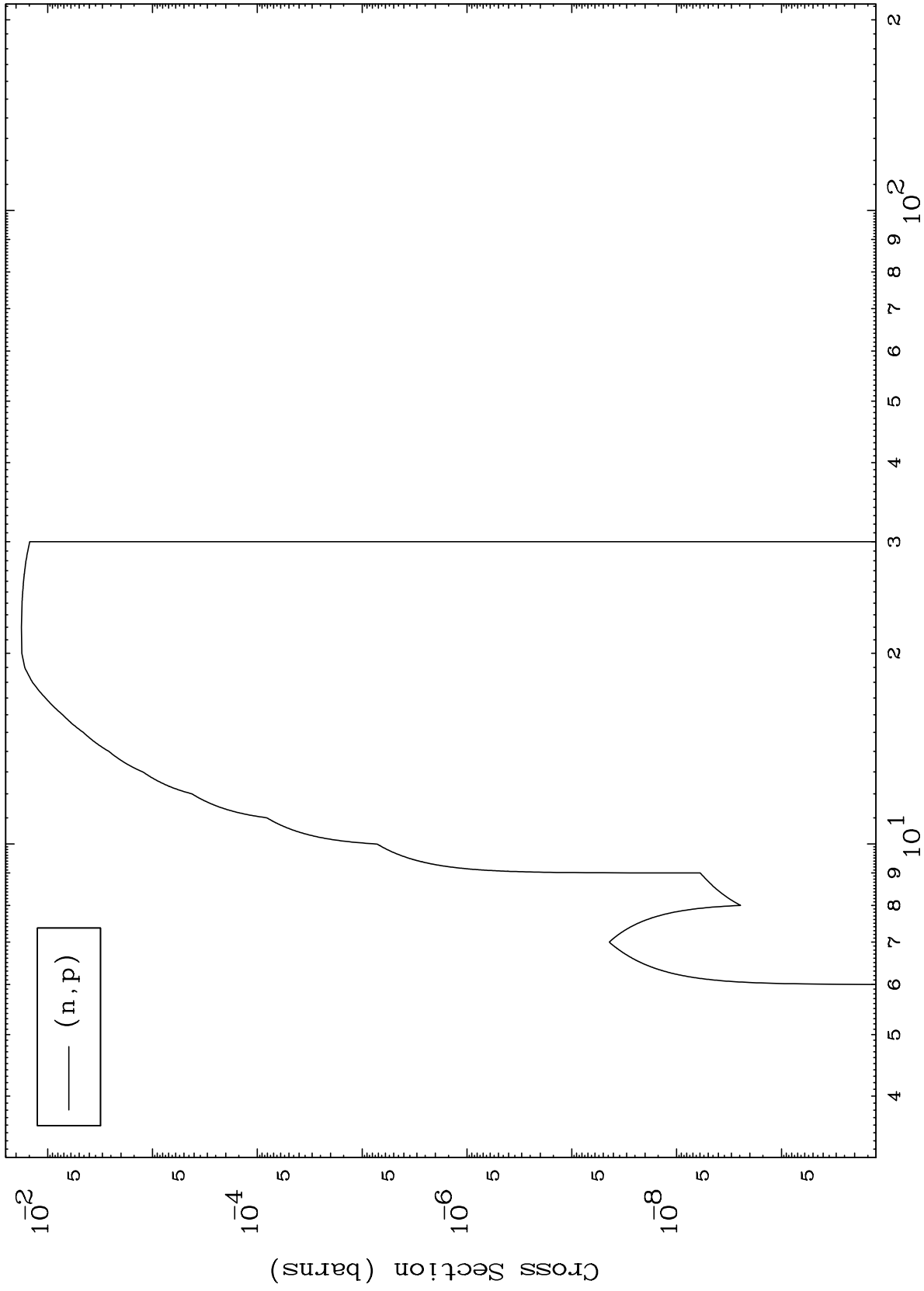




MAT 4126

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

41-Nb-93m



7

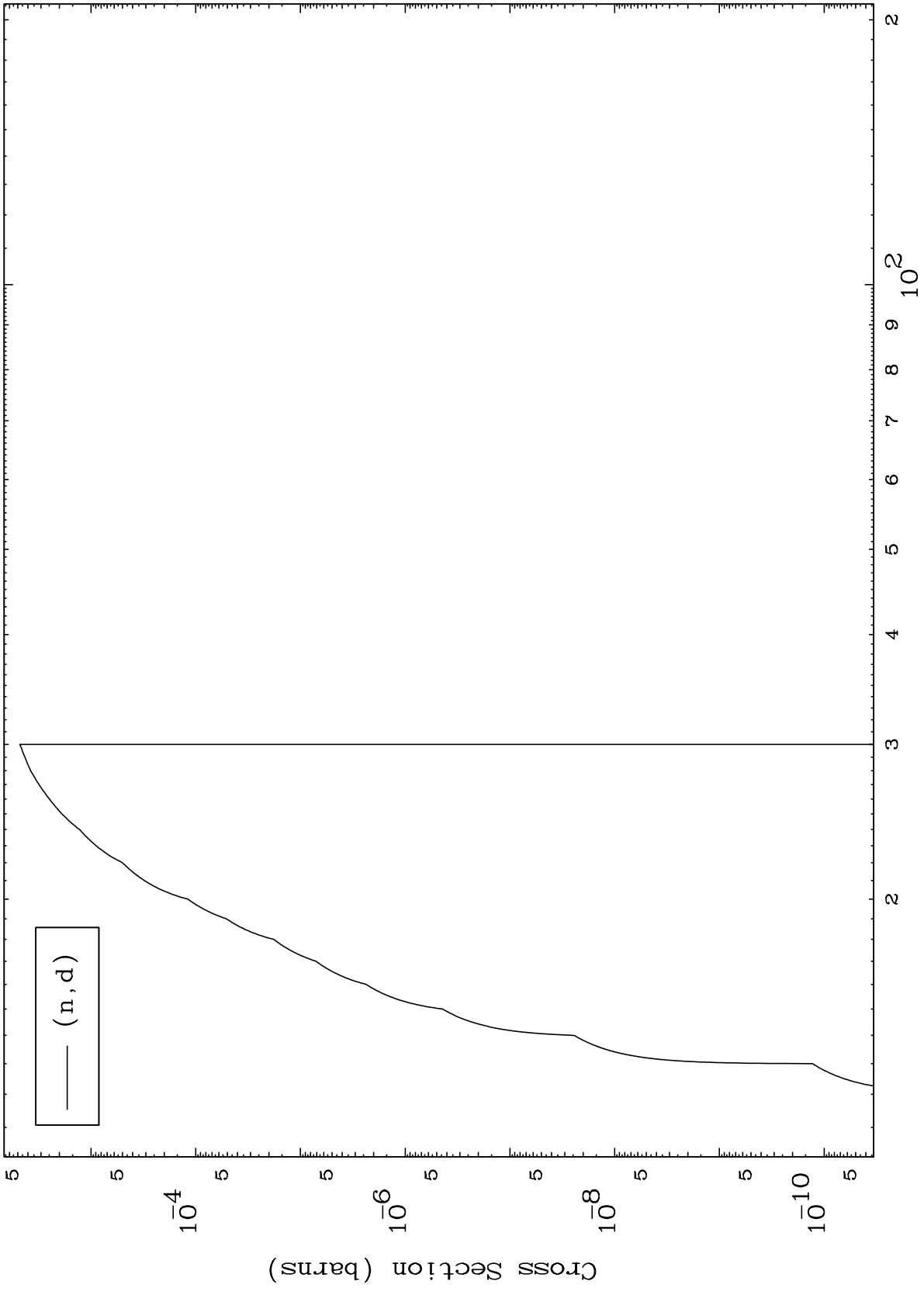
Incident Energy (MeV)

41-Nb-93m

MAT 4126

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

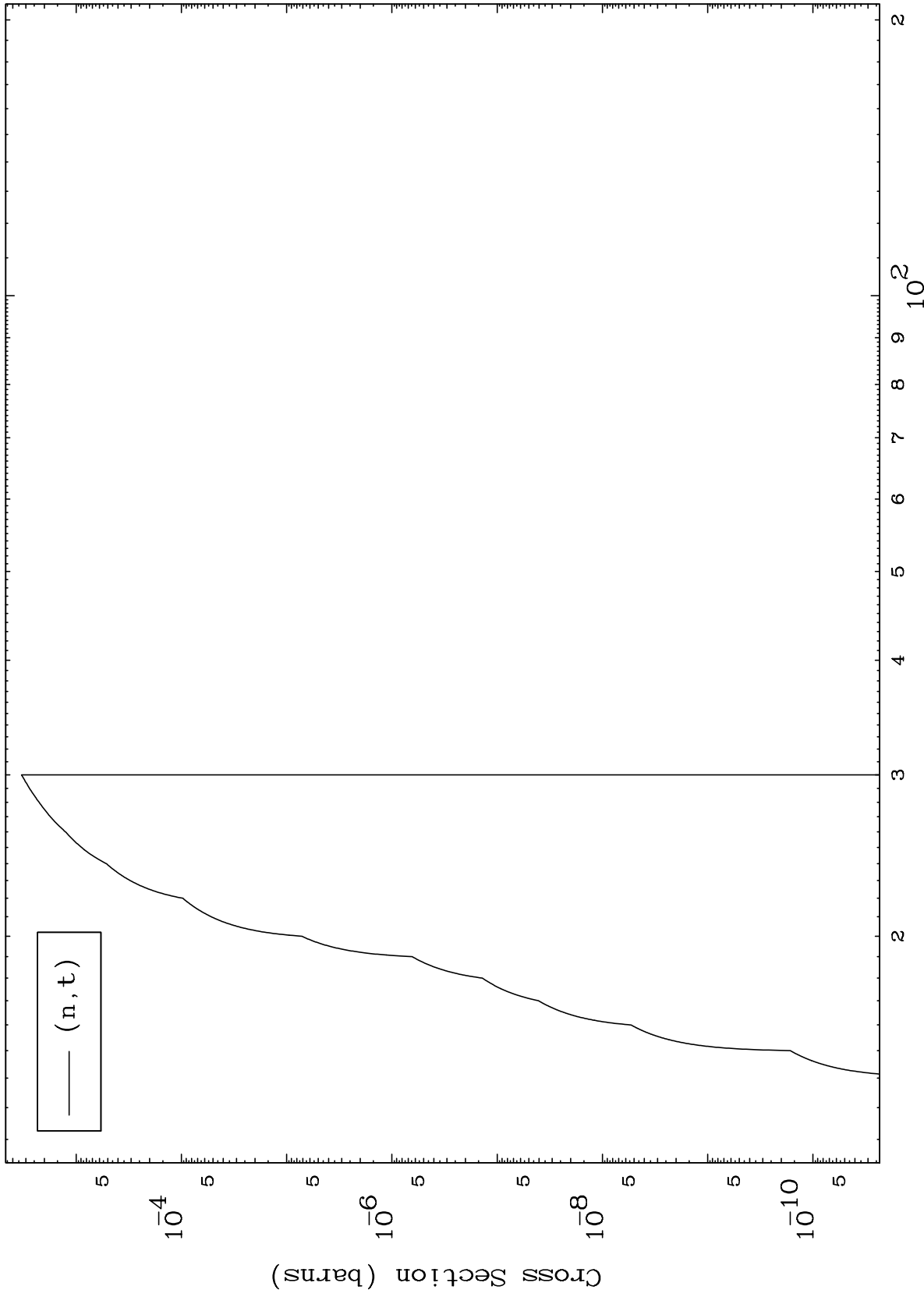
41-Nb-93m



8

Incident Energy (MeV)

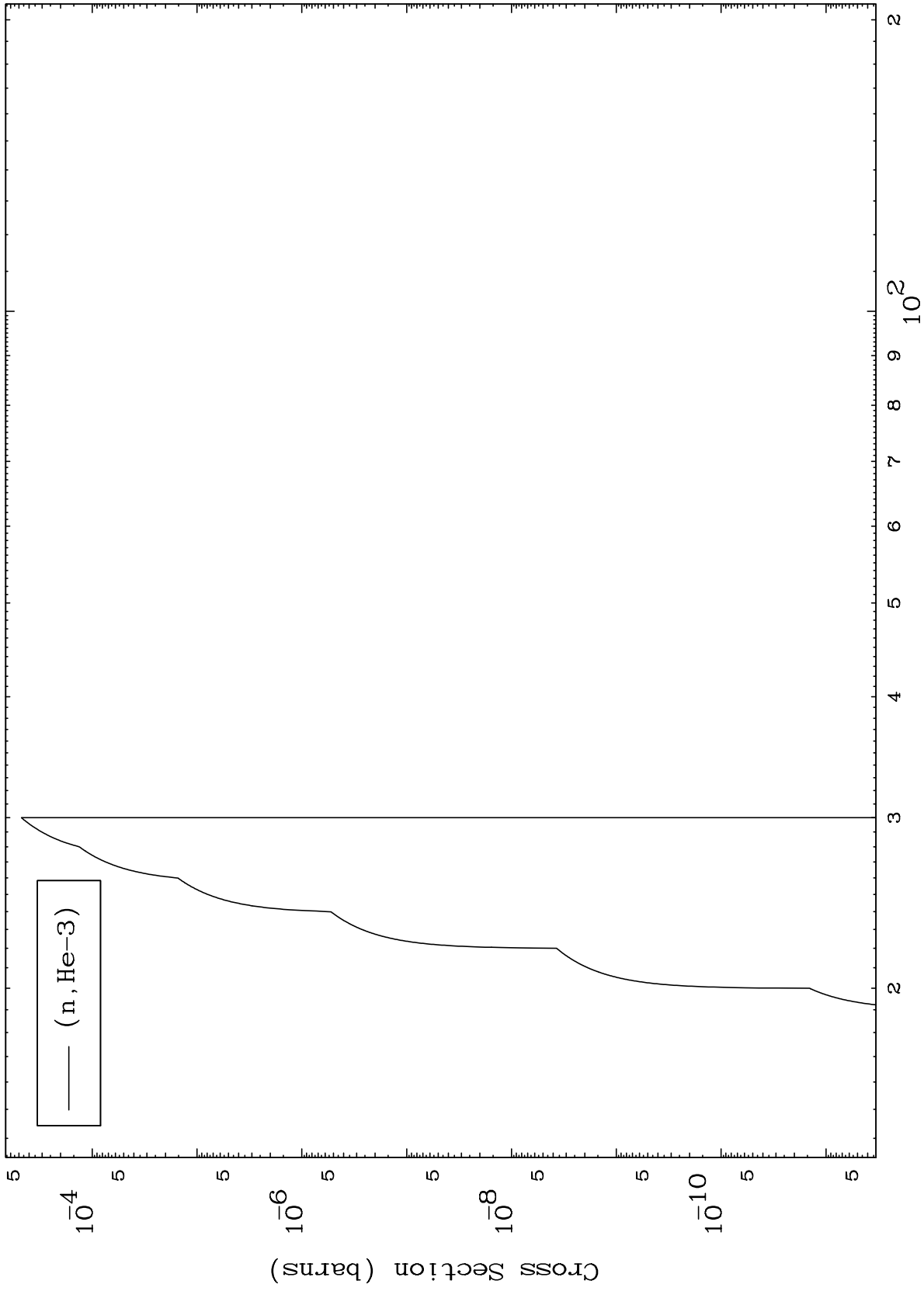
41-Nb-93m



MAT 4126

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

41-Nb-93m



10

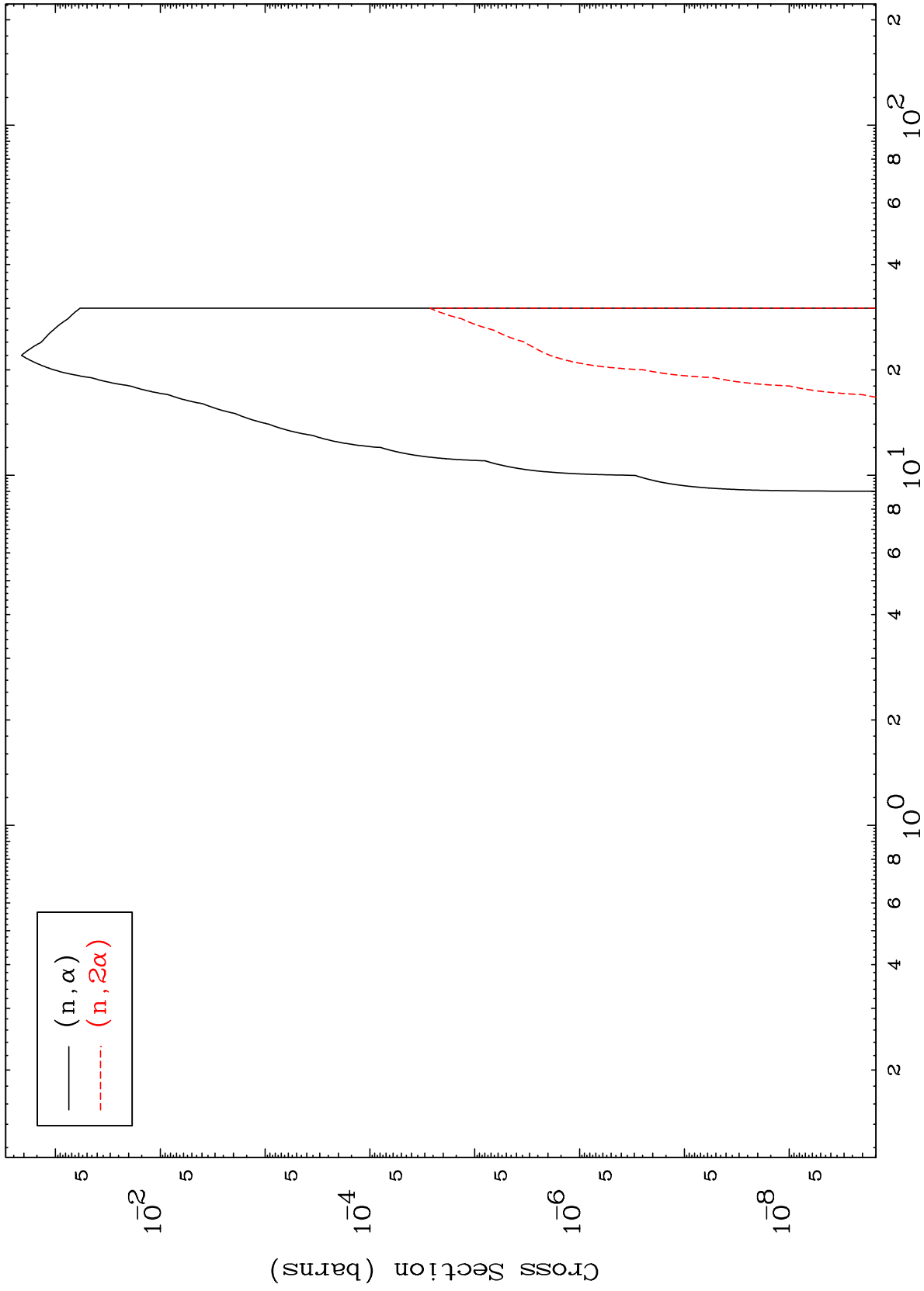
Incident Energy (MeV)

41-Nb-93m

MAT 4126

$(\alpha, \alpha)$  Levels  
0 Kelvin Cross Sections

41-Nb-93m



11

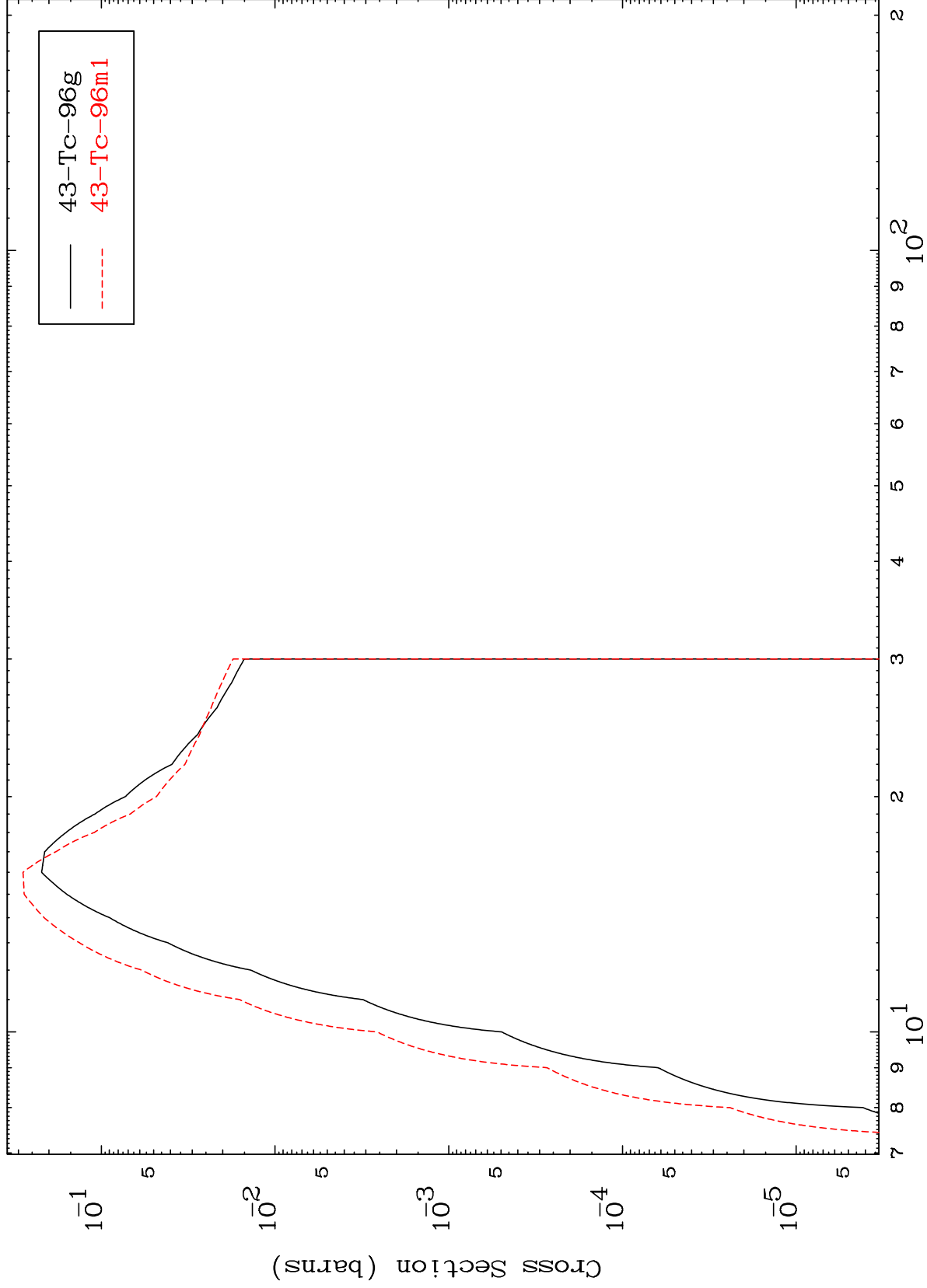
Incident Energy (MeV)

41-Nb-93m

MAT 4126

# Inelastic Radionuclide Production Cross Section

41-Nb-93m



12

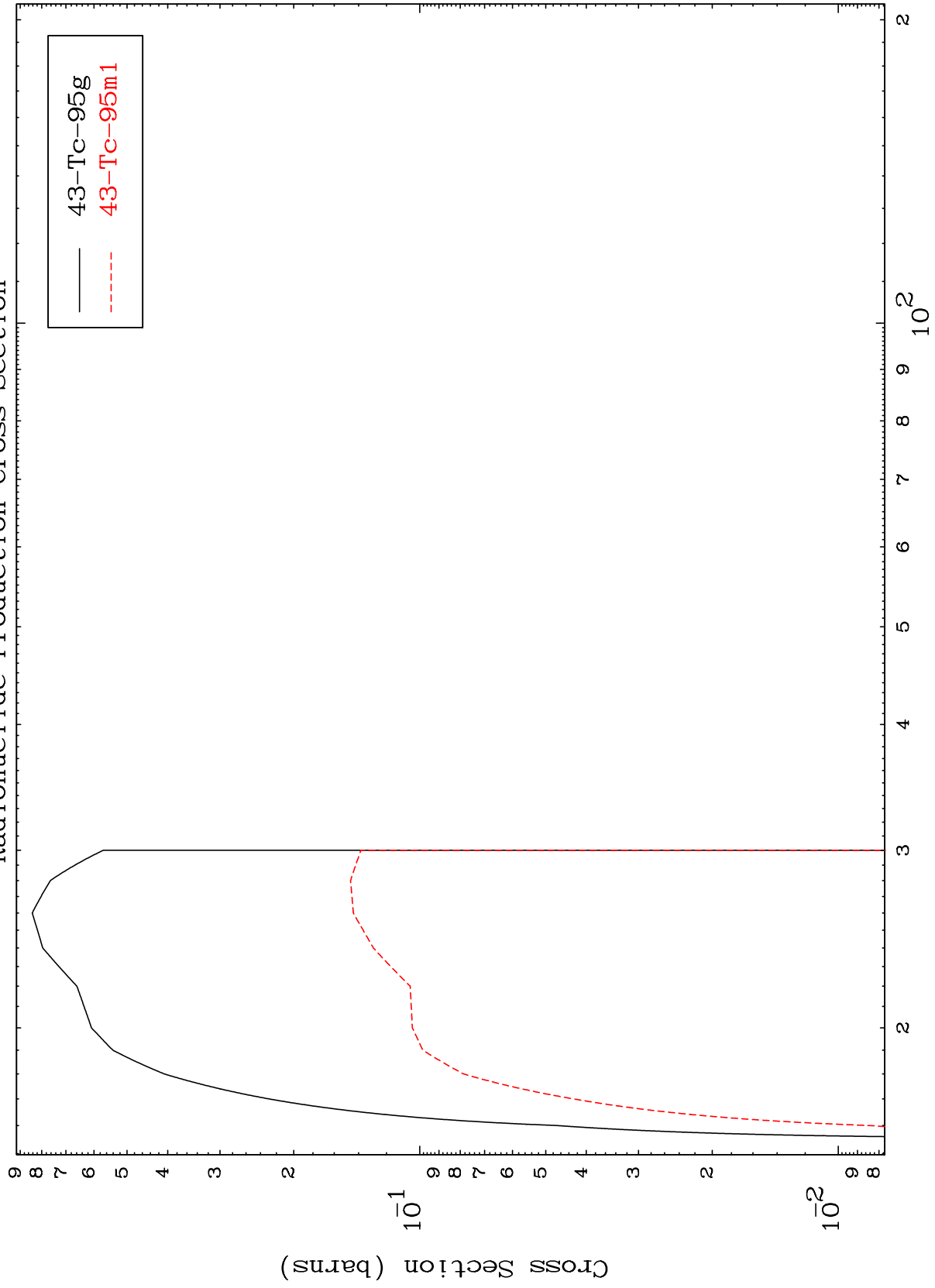
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

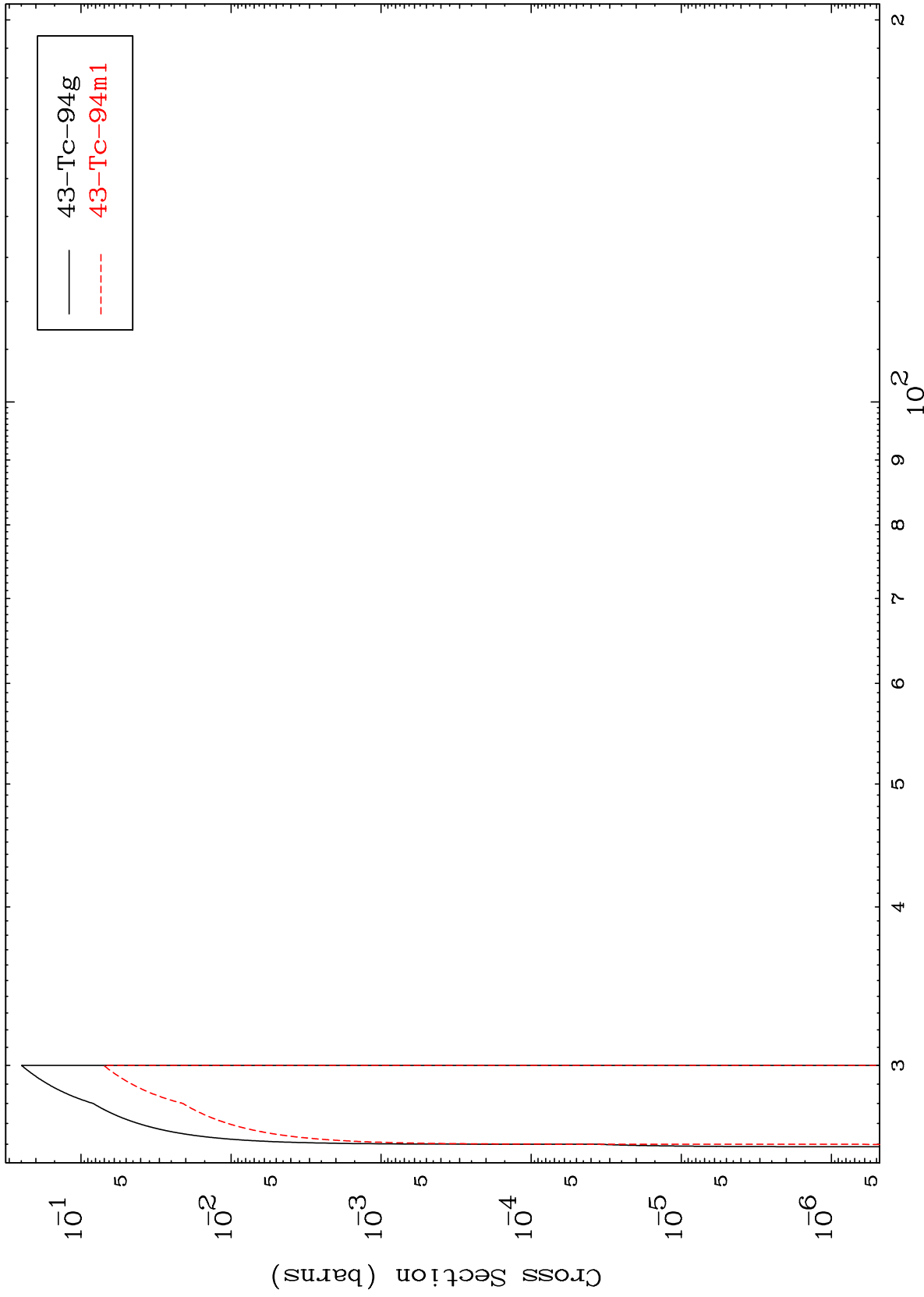
41-Nb-93m

MAT 4126

(n,3n)

41-Nb-93m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

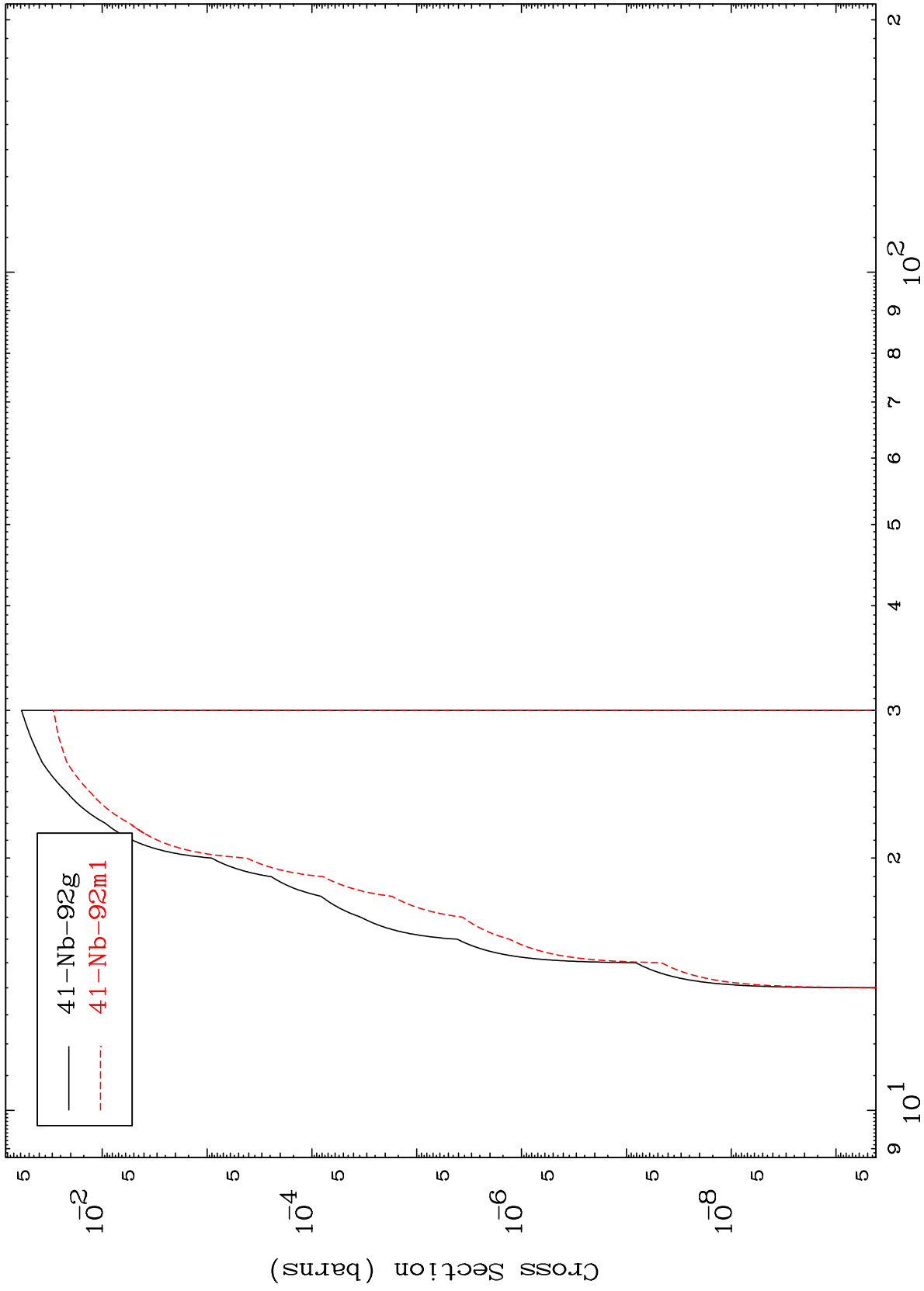
41-Nb-93m

MAT 4126

(n,n')  $\alpha$

41-Nb-93m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

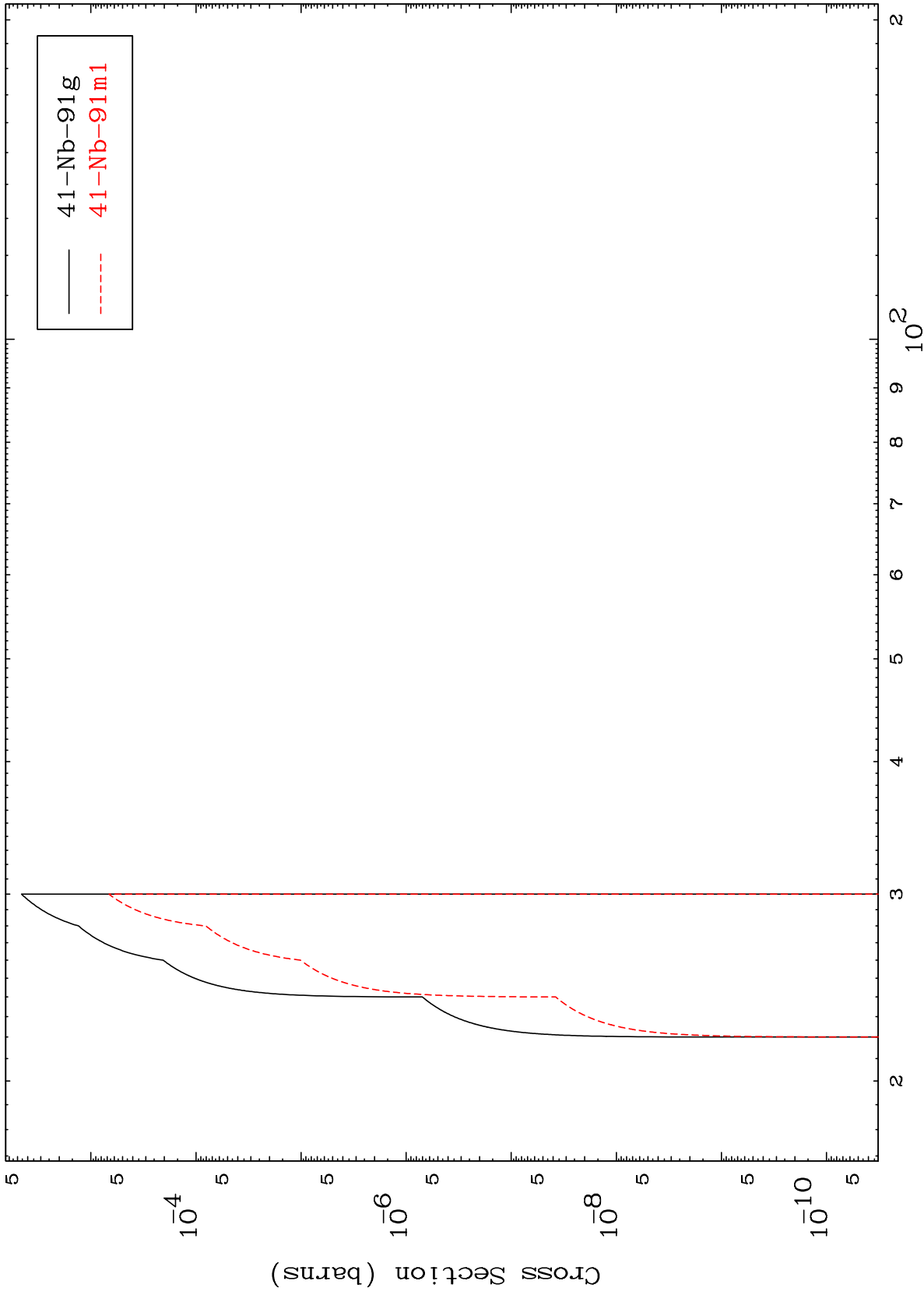
41-Nb-93m

MAT 4126

(n,2n)  $\alpha$

41-Nb-93m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

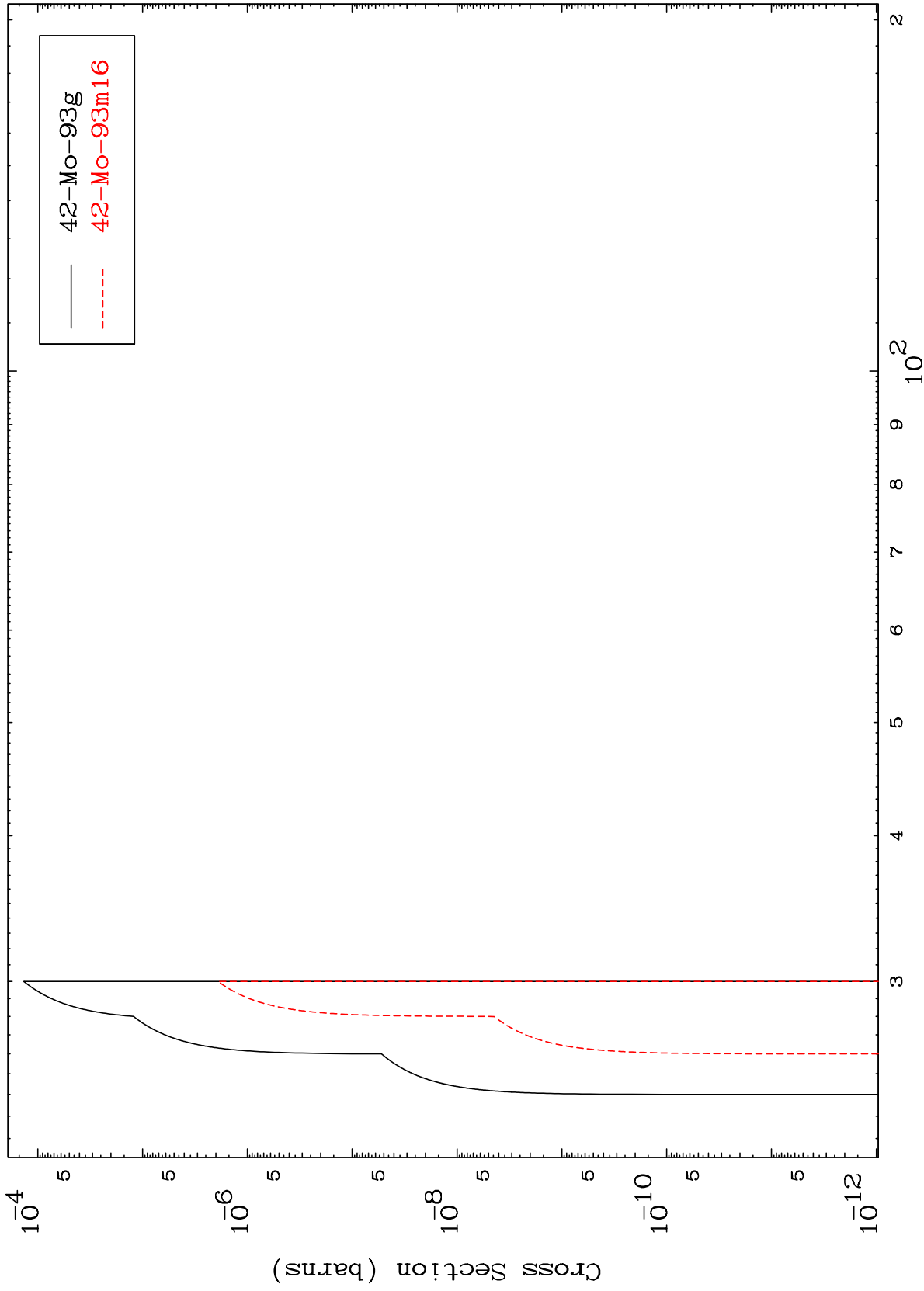
41-Nb-93m

MAT 4126

(n,n') t

41-Nb-93m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

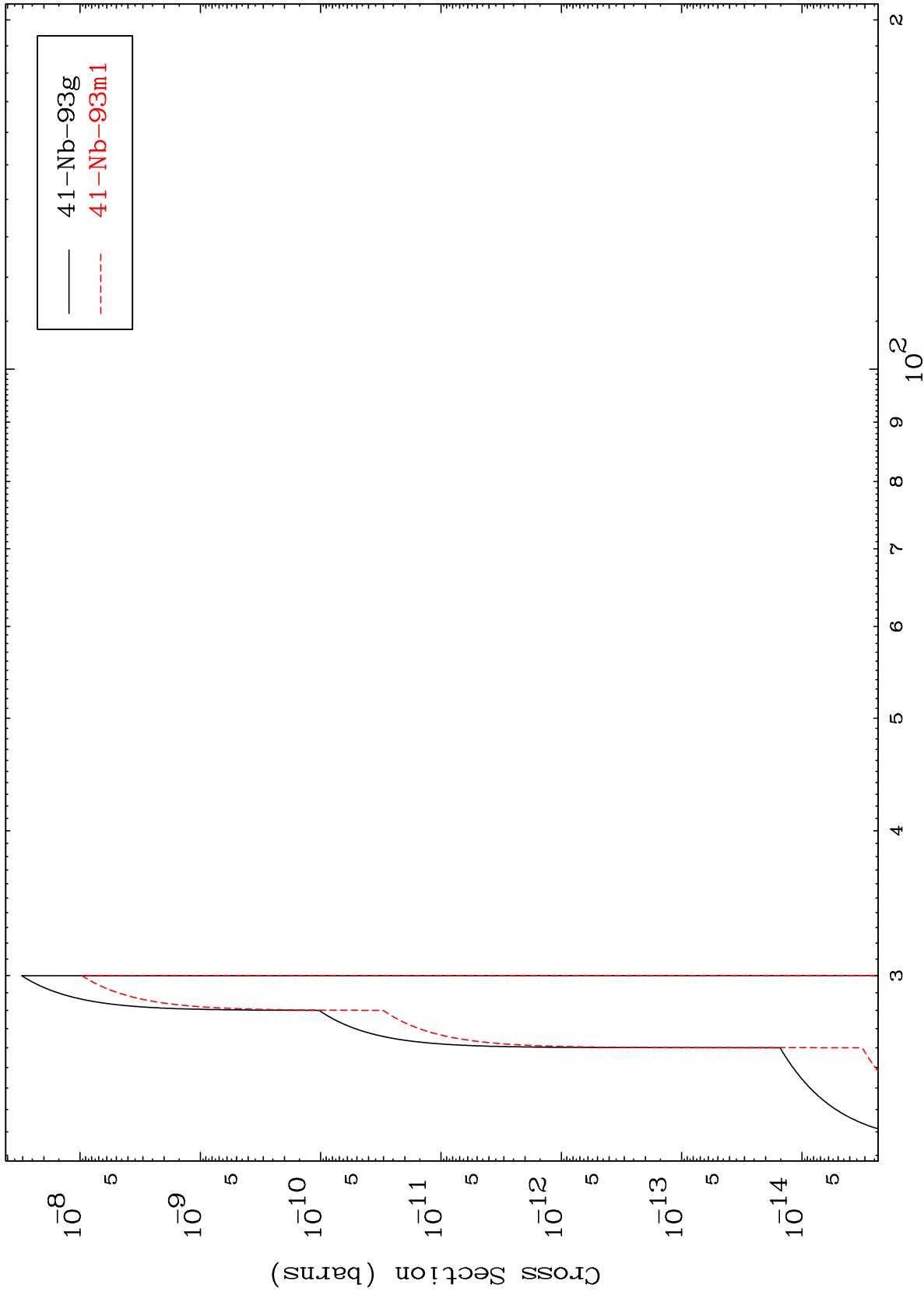
41-Nb-93m

MAT 4126

(n, n') He-3

41-Nb-93m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

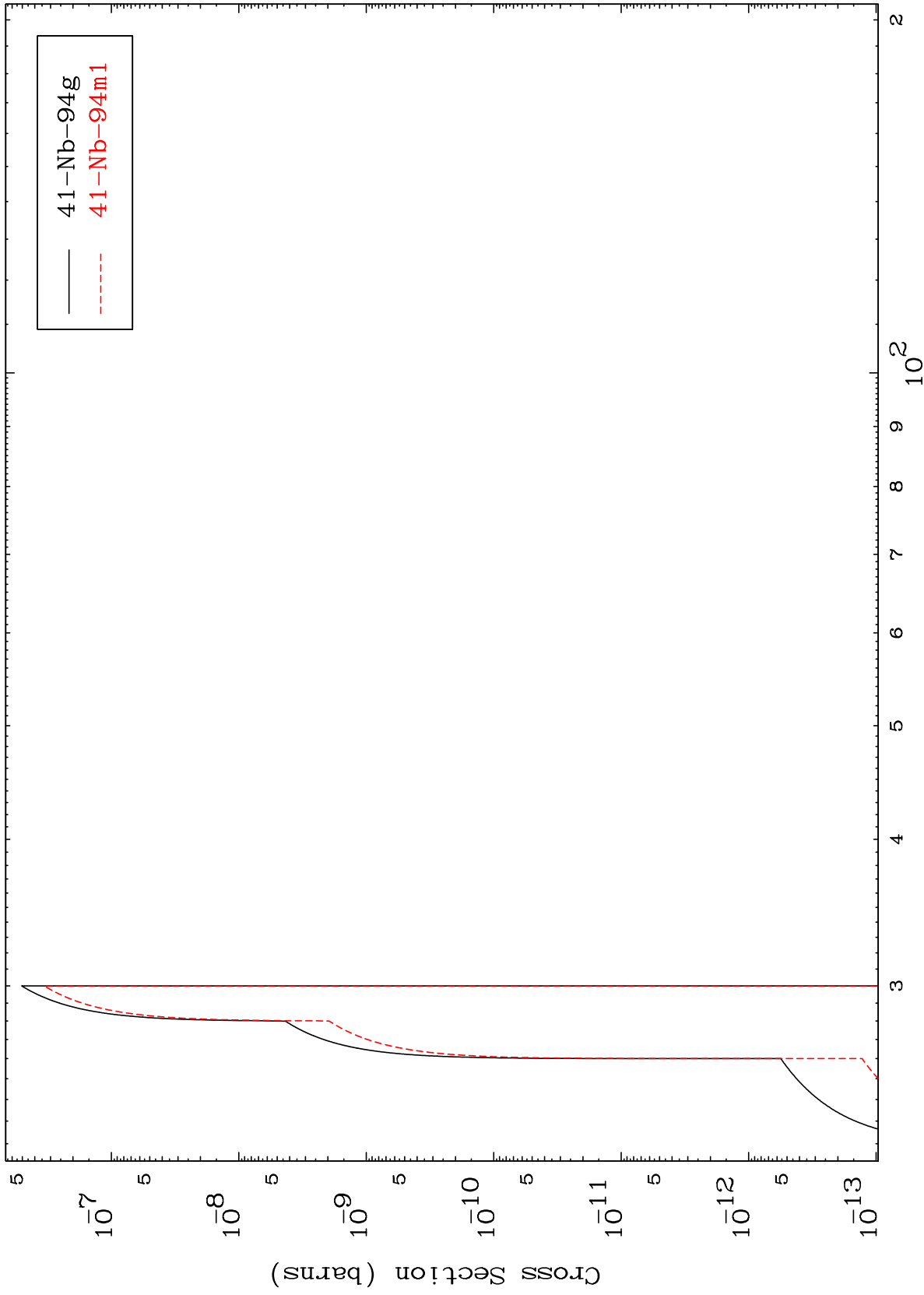
41-Nb-93m

MAT 4126

(n,2n) p

41-Nb-93m

Radionuclide Production Cross Section



19

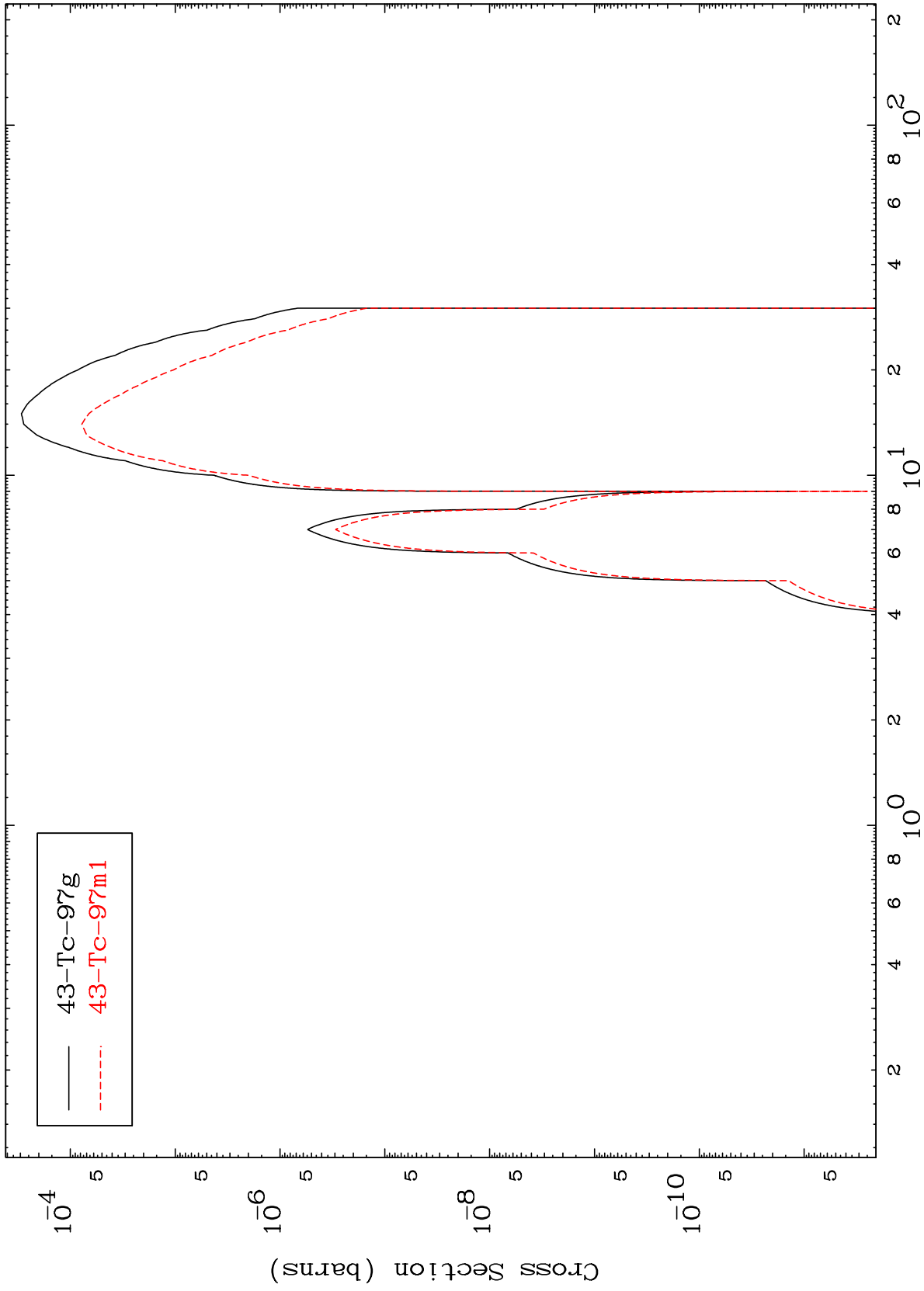
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



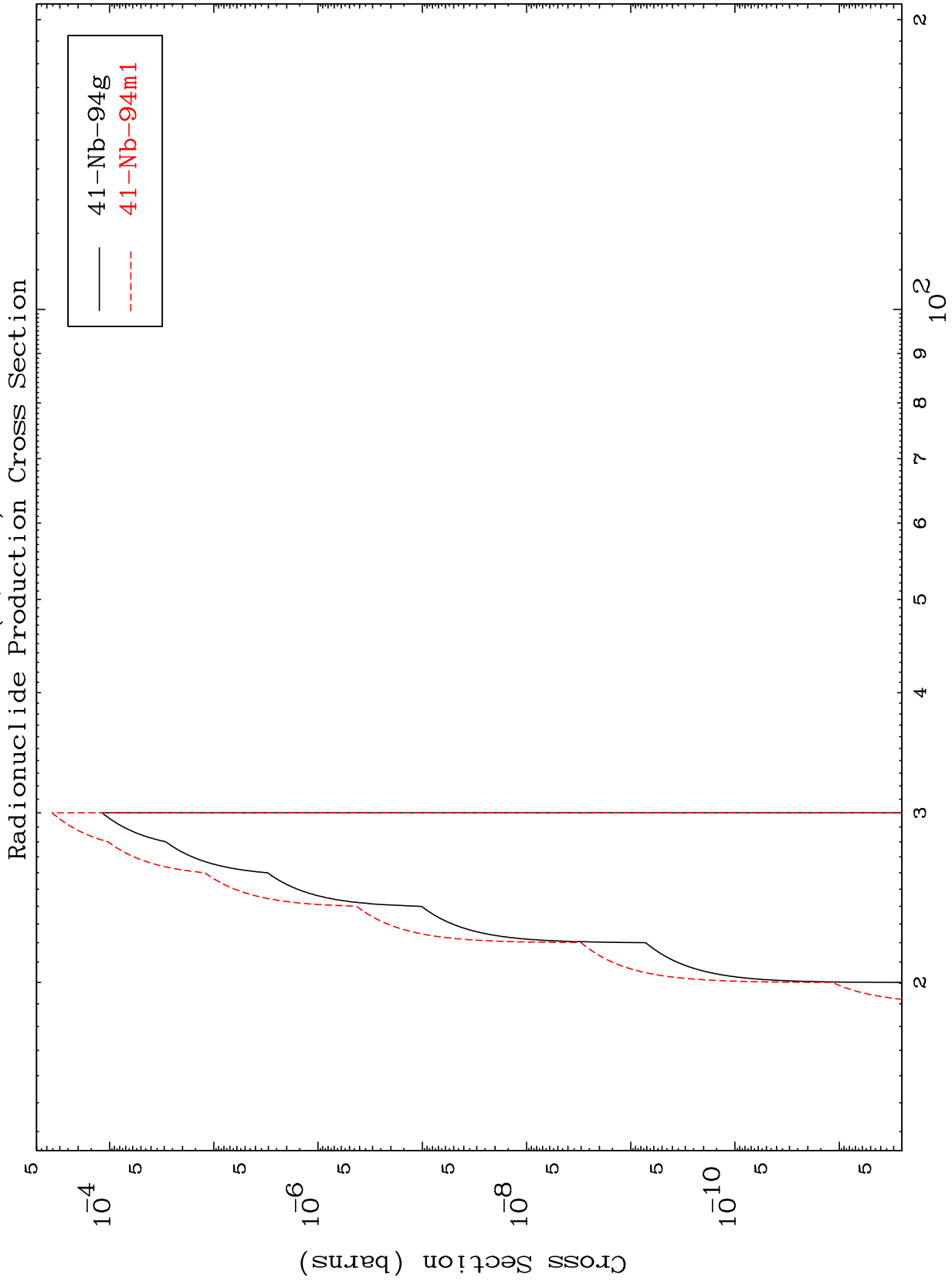
20

41-Nb-93m

MAT 4126

(n, He-3)

41-Nb-93m



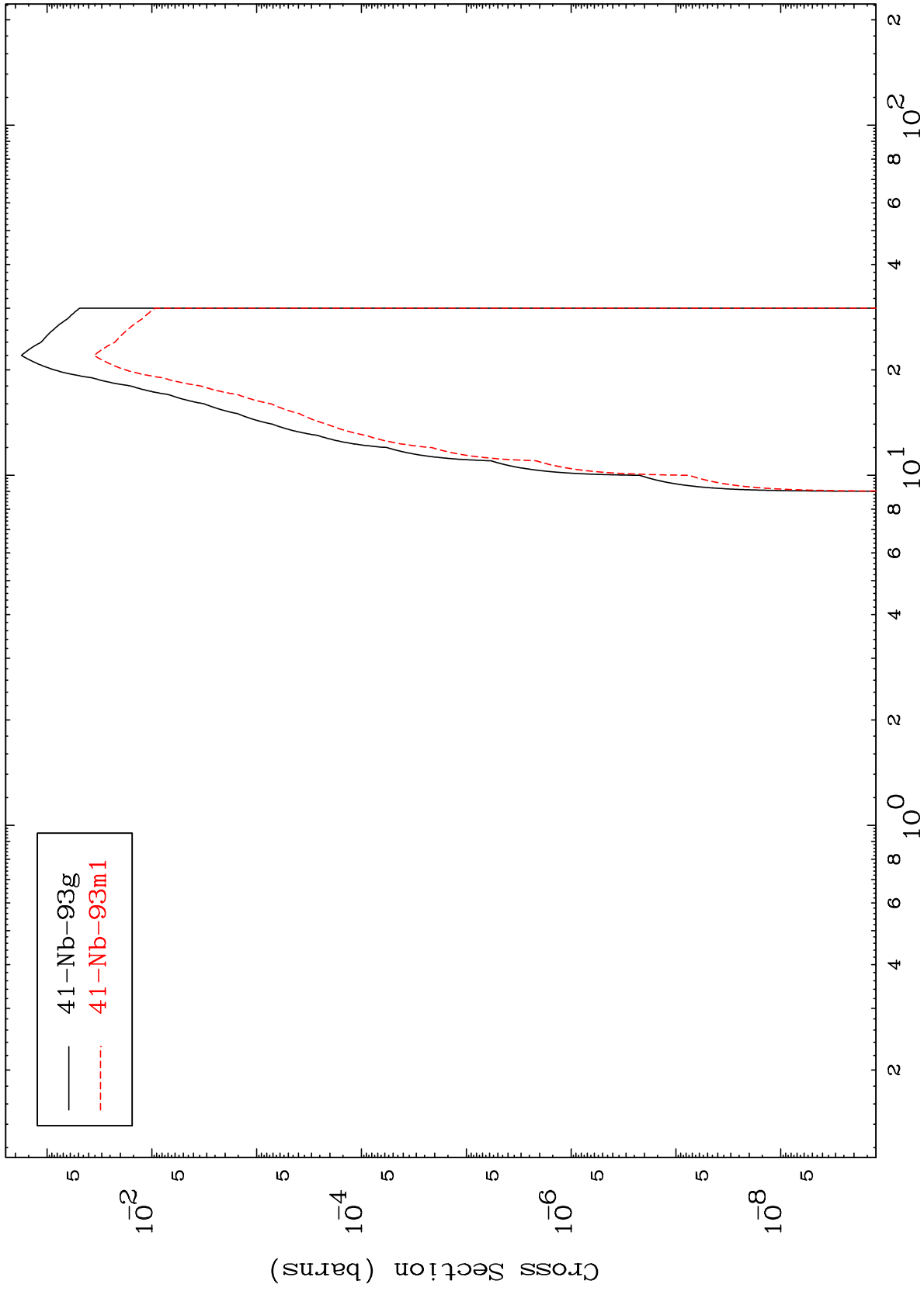
21

41-Nb-93m

MAT 4126

41-Nb-93m

Radionuclide Production Cross Section



22

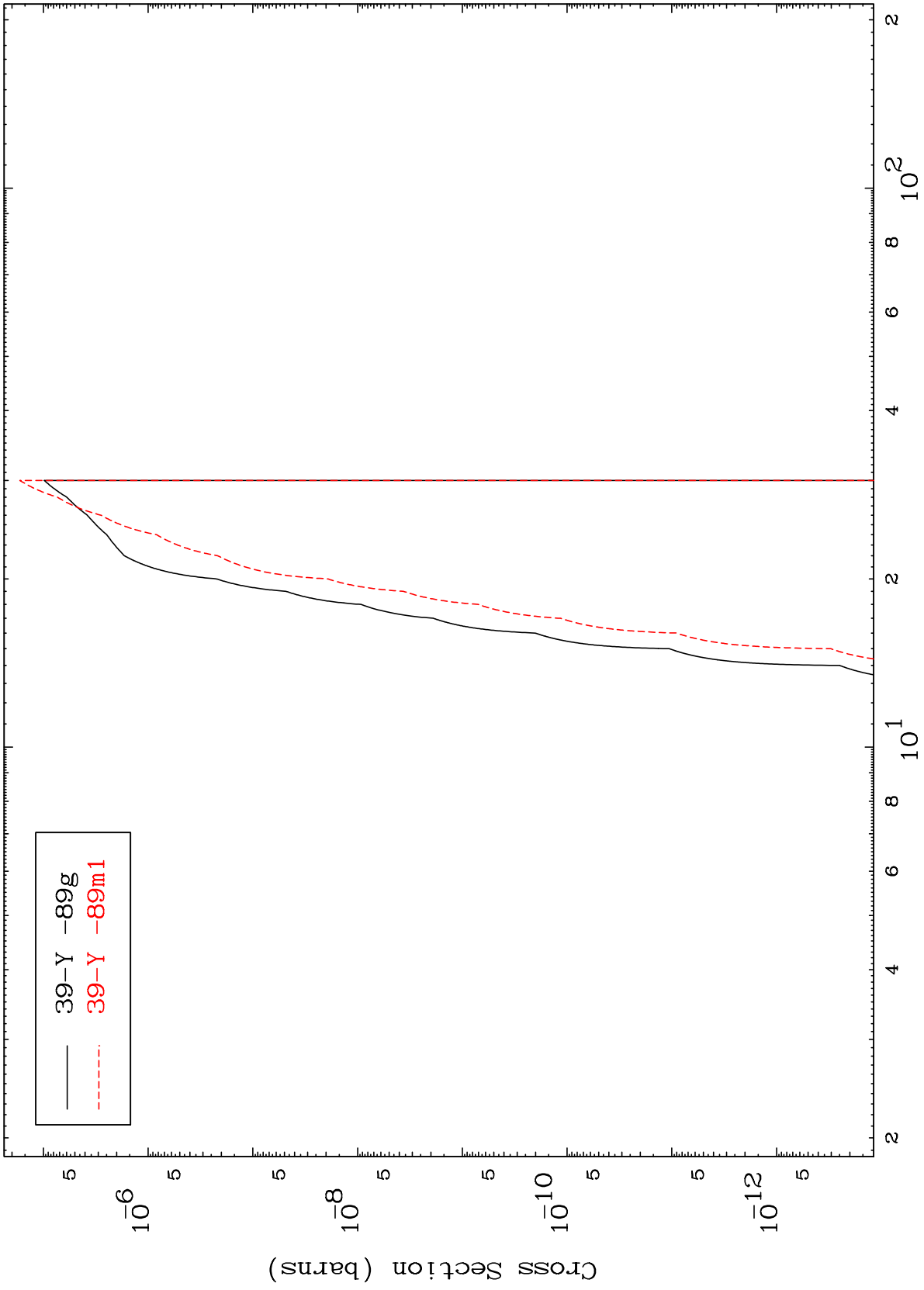
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

Radionuclide Production Cross Section



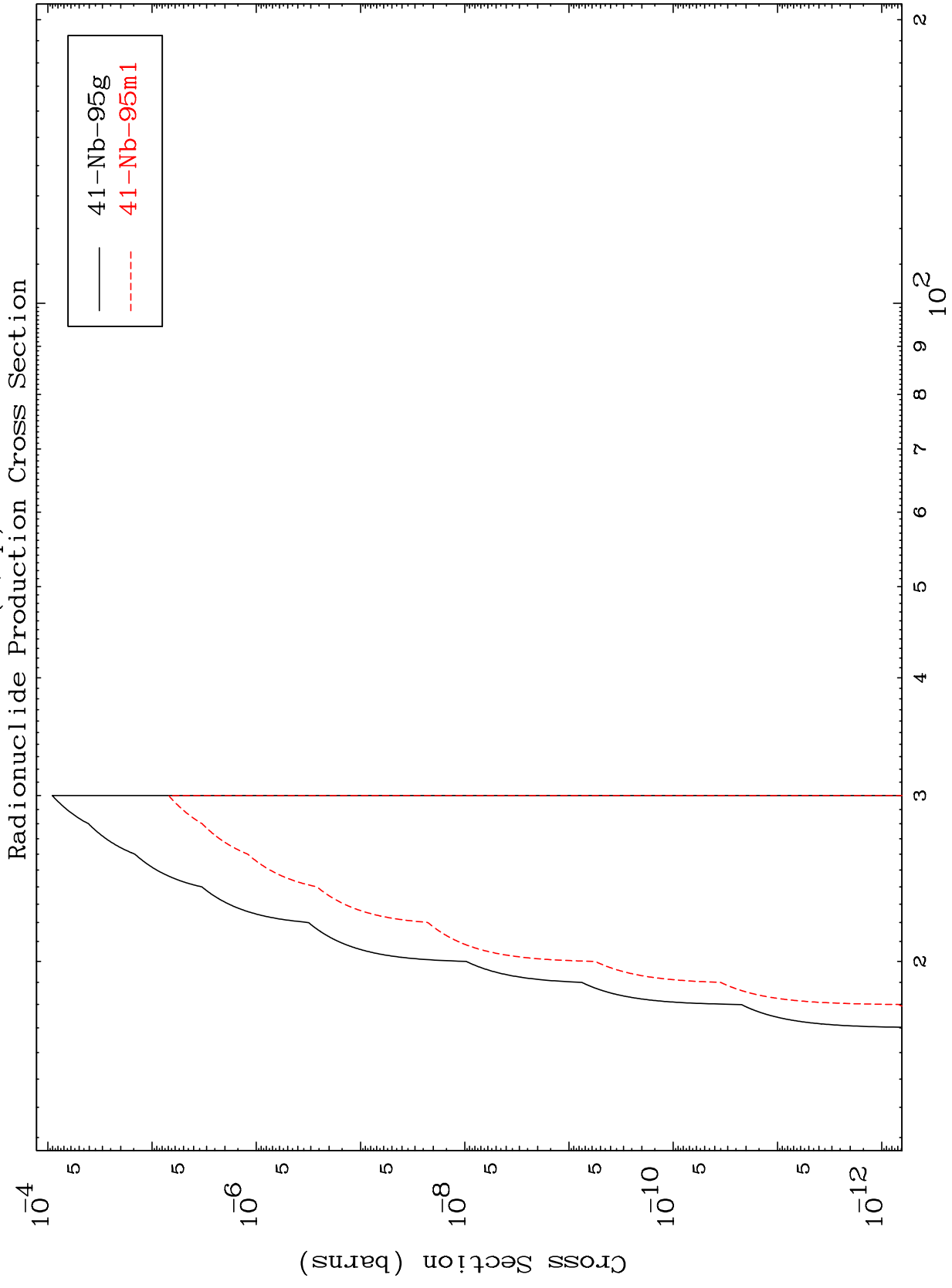
23

41-Nb-93m

MAT 4126

(n,2p)

41-Nb-93m



24

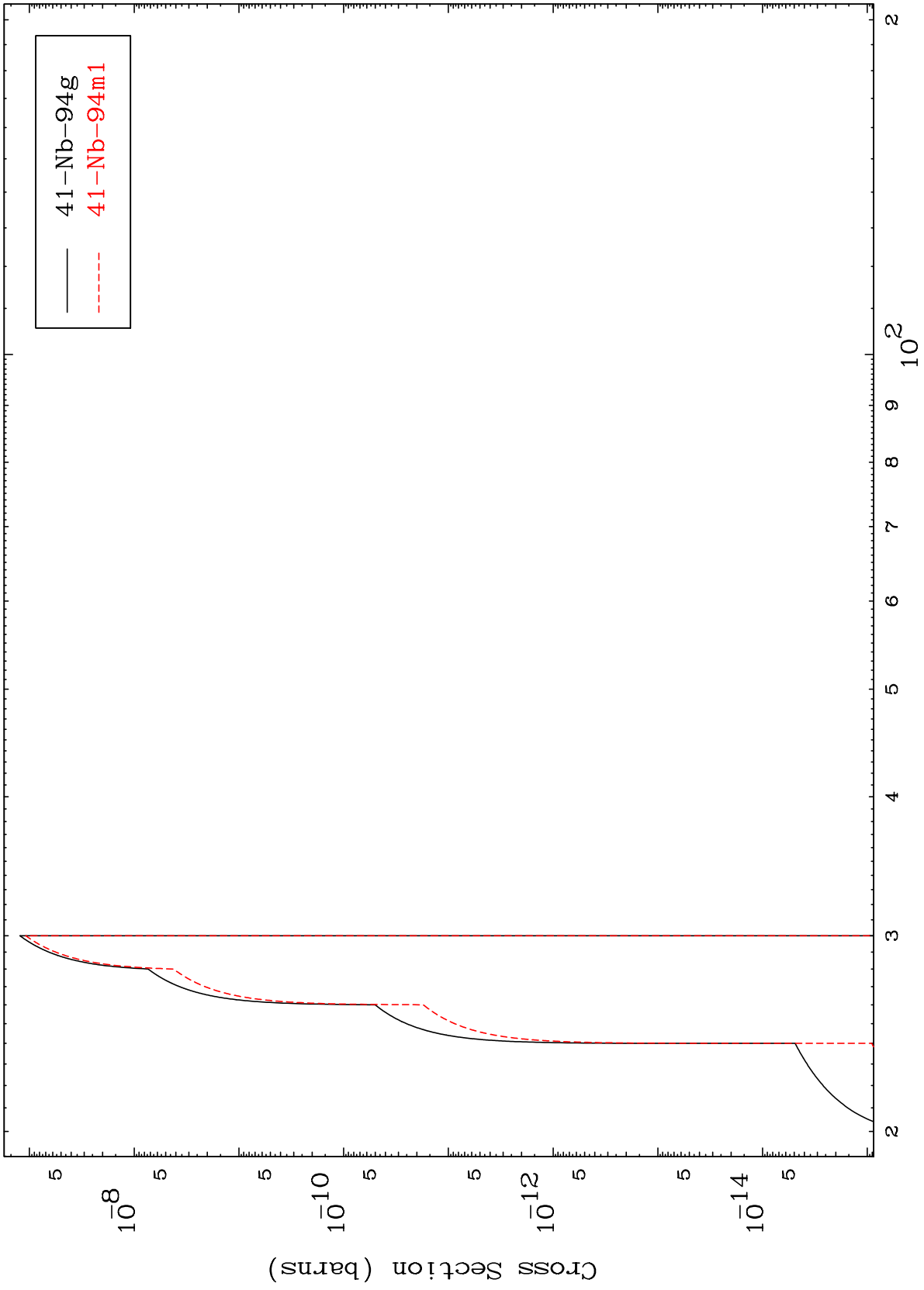
41-Nb-93m

MAT 4126

(n,p) d

41-Nb-93m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

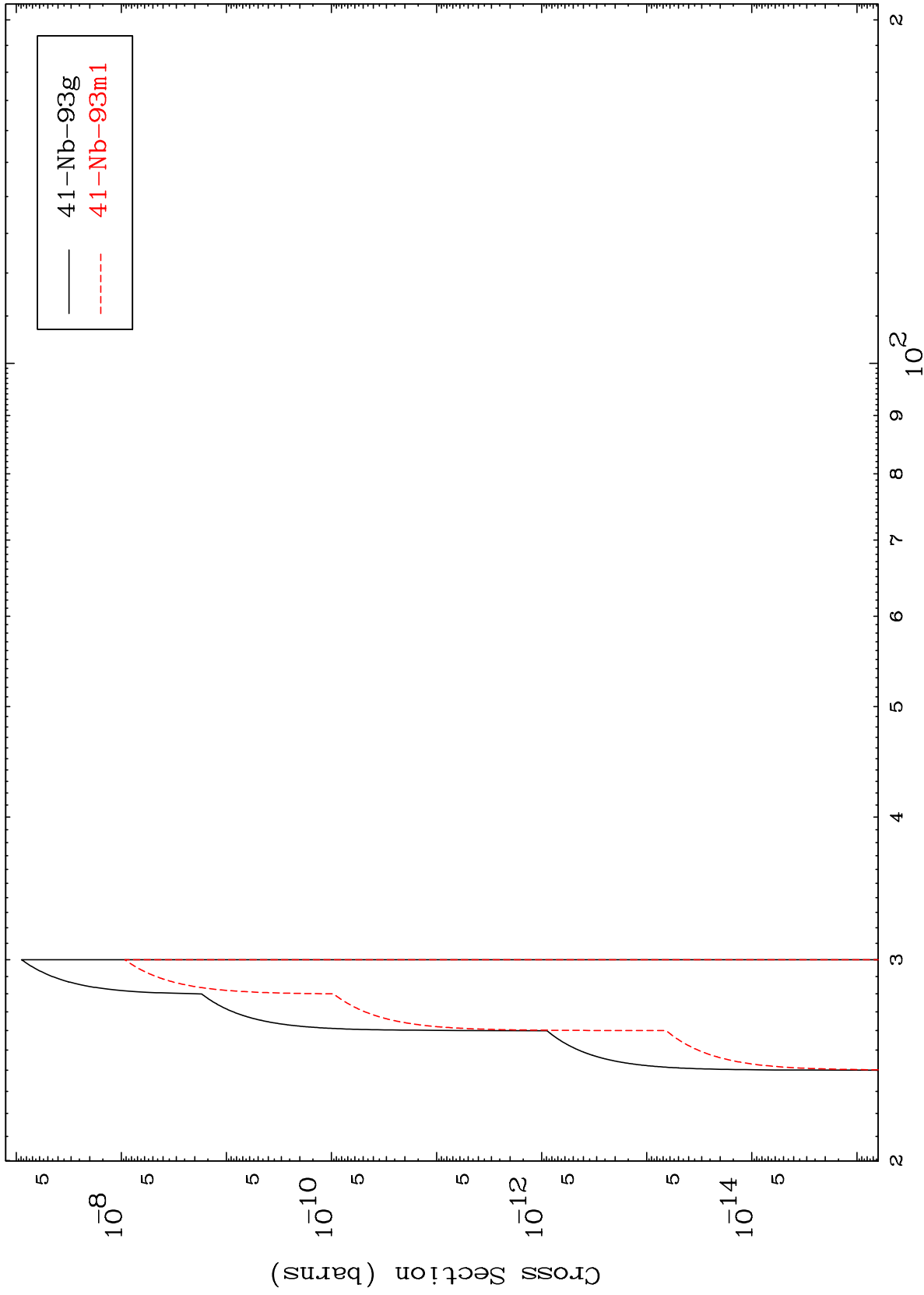
41-Nb-93m

MAT 4126

(n,p) t

41-Nb-93m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-93m