

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

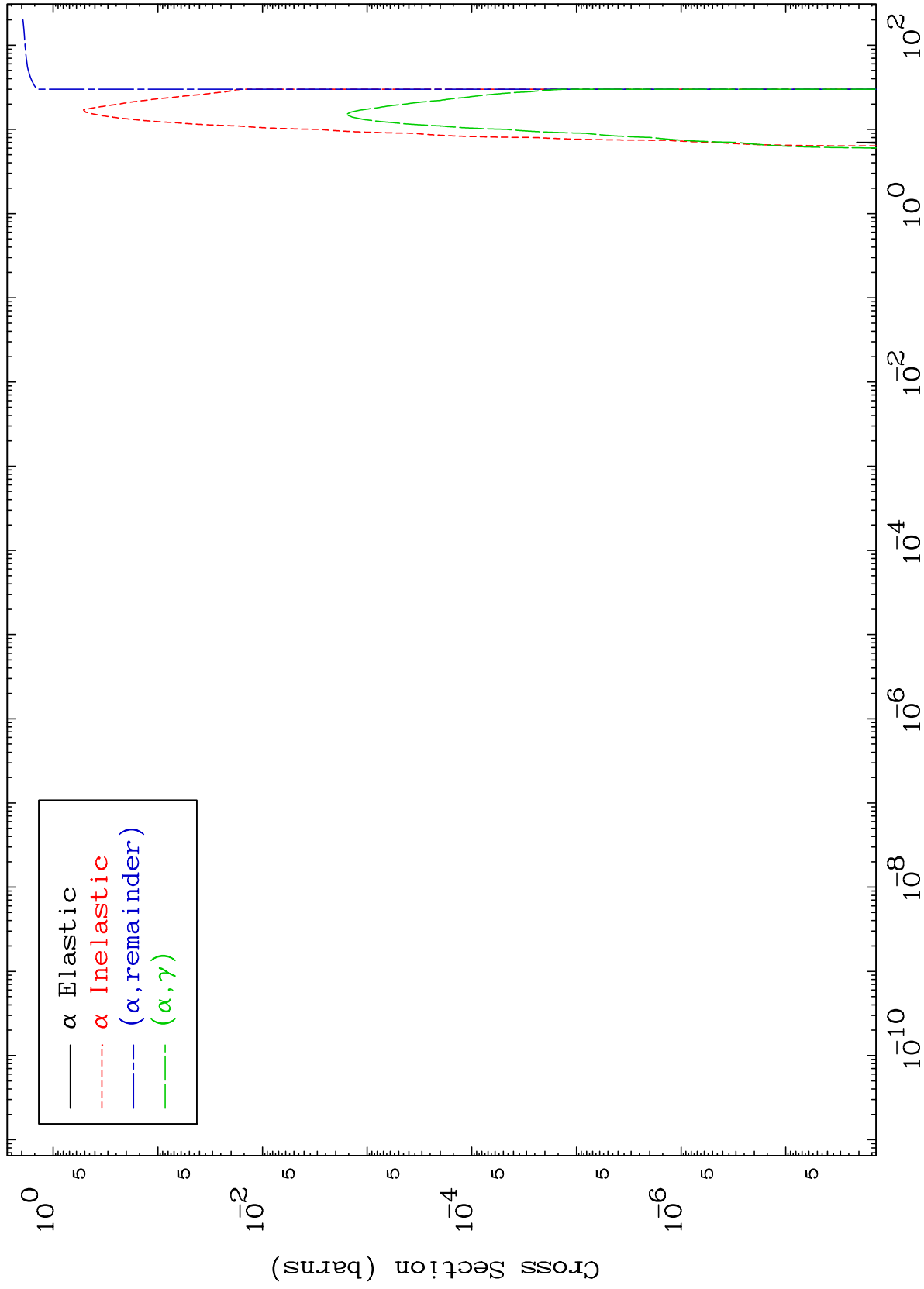
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4122

0 Kelvin α Major
Cross Sections

41-Nb-92



1

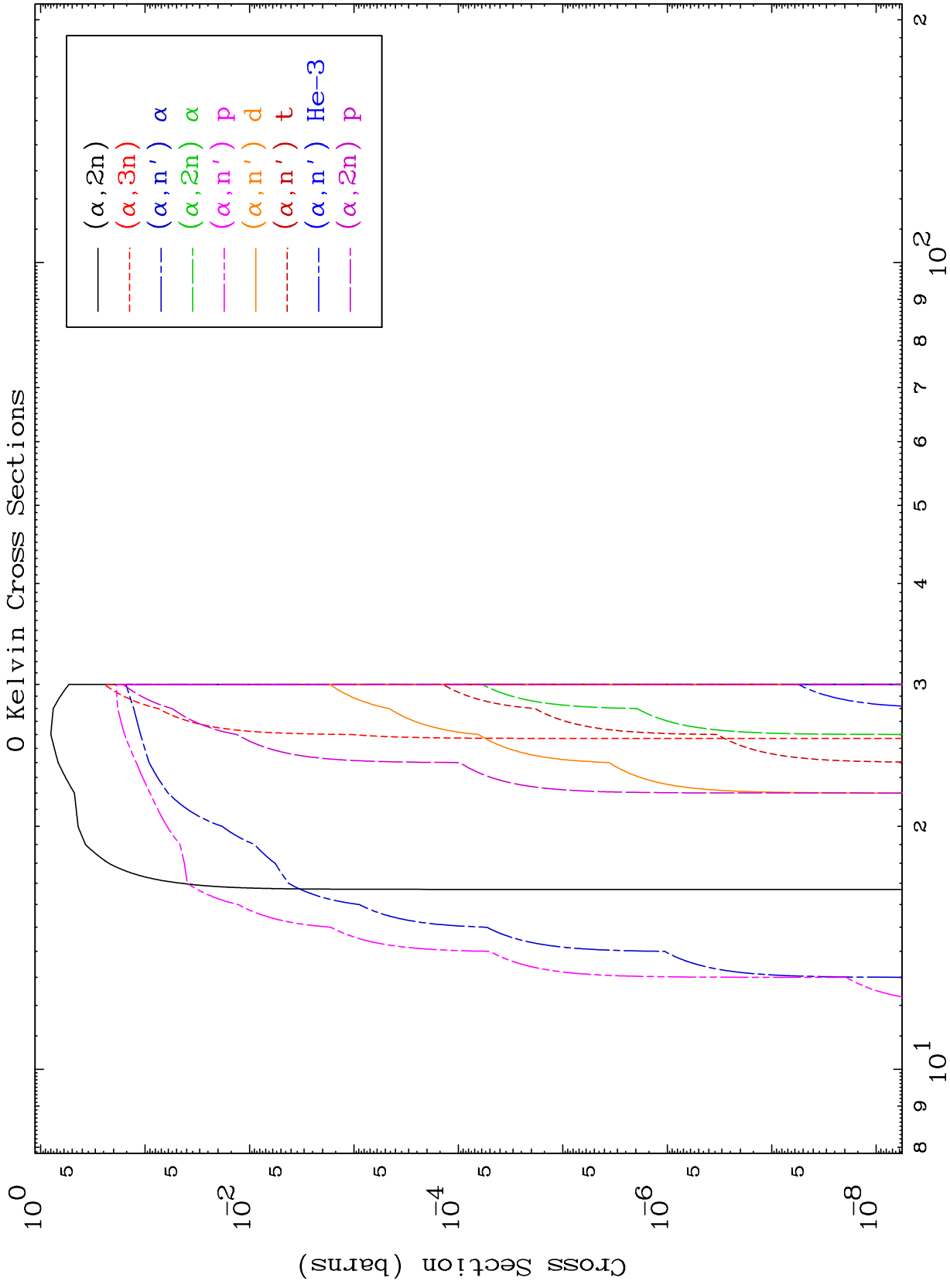
Incident Energy (MeV)

41-Nb-92

MAT 4122

α Neutron Production
0 Kelvin Cross Sections

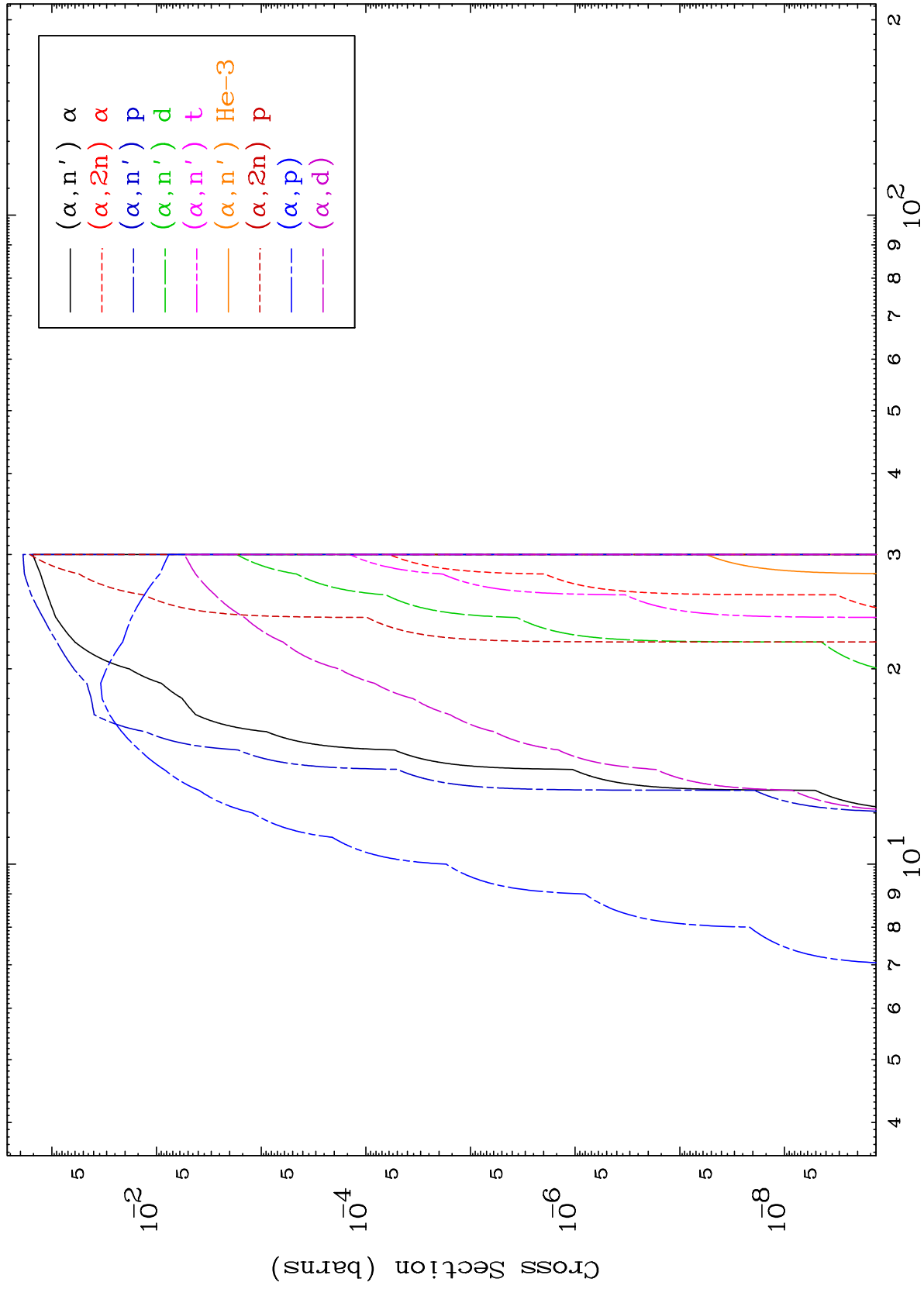
41-Nb-92

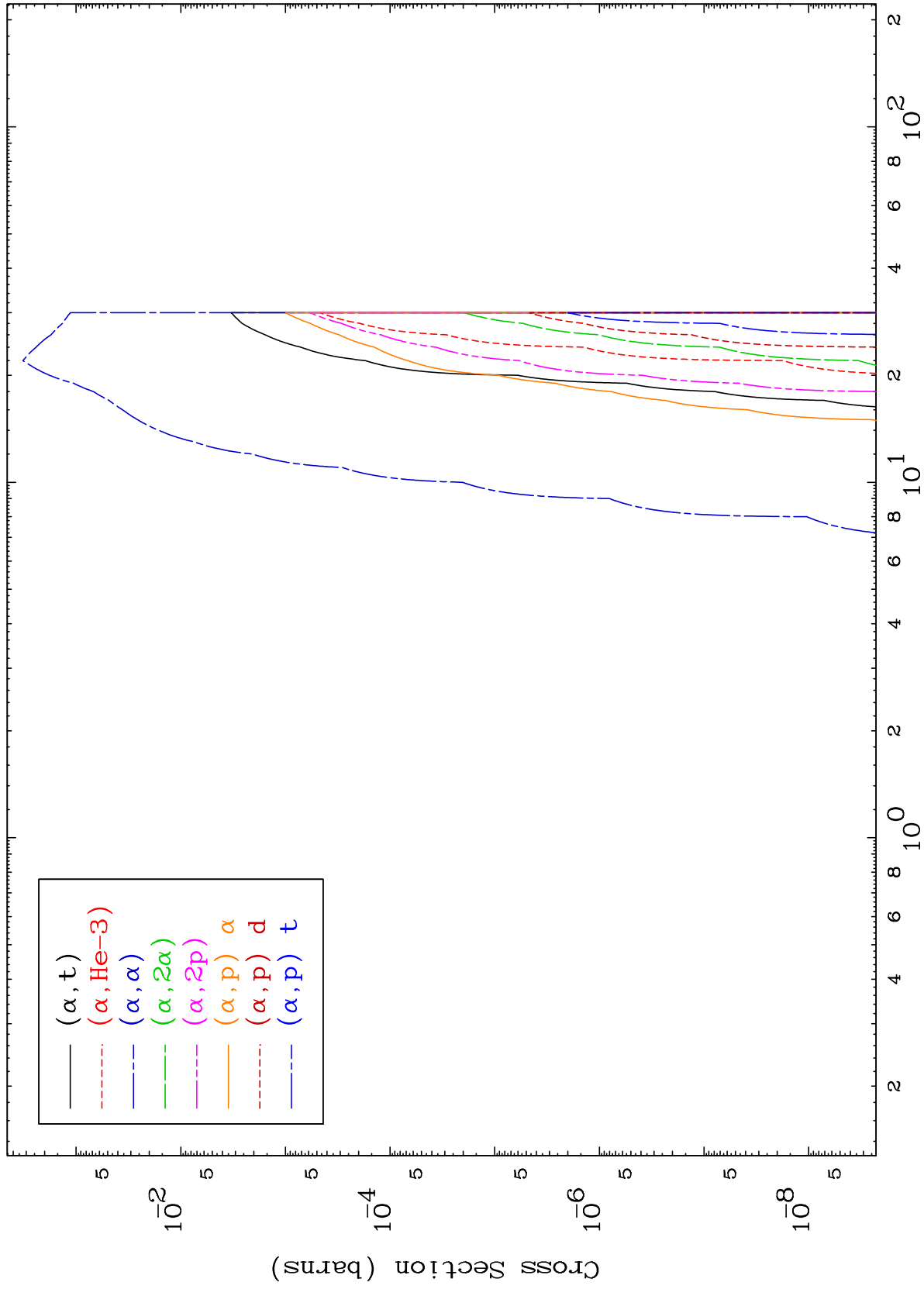


2

Incident Energy (MeV)

41-Nb-92

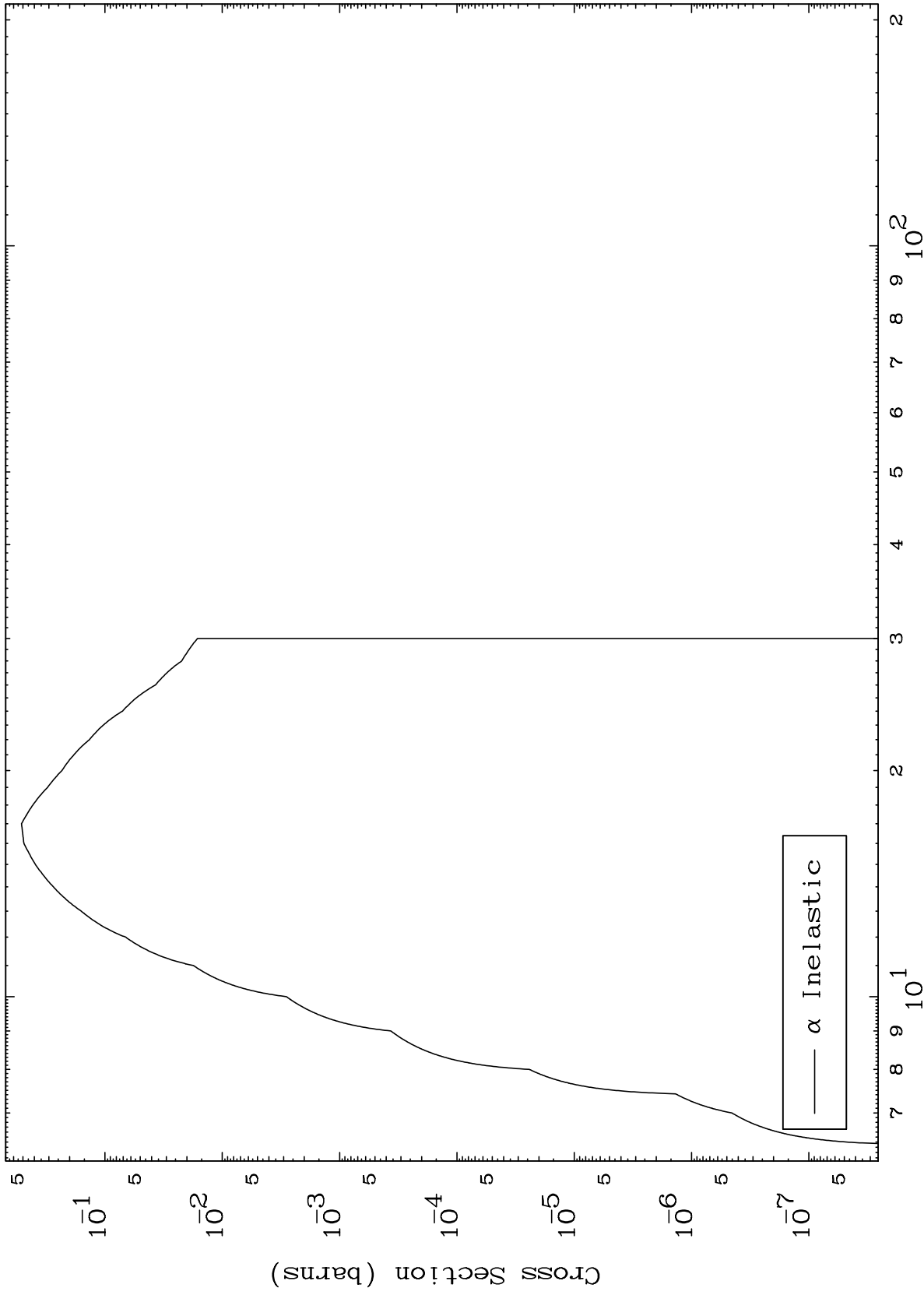




MAT 4122

(α, n') Level
0 Kelvin Cross Sections

41-Nb-92



5

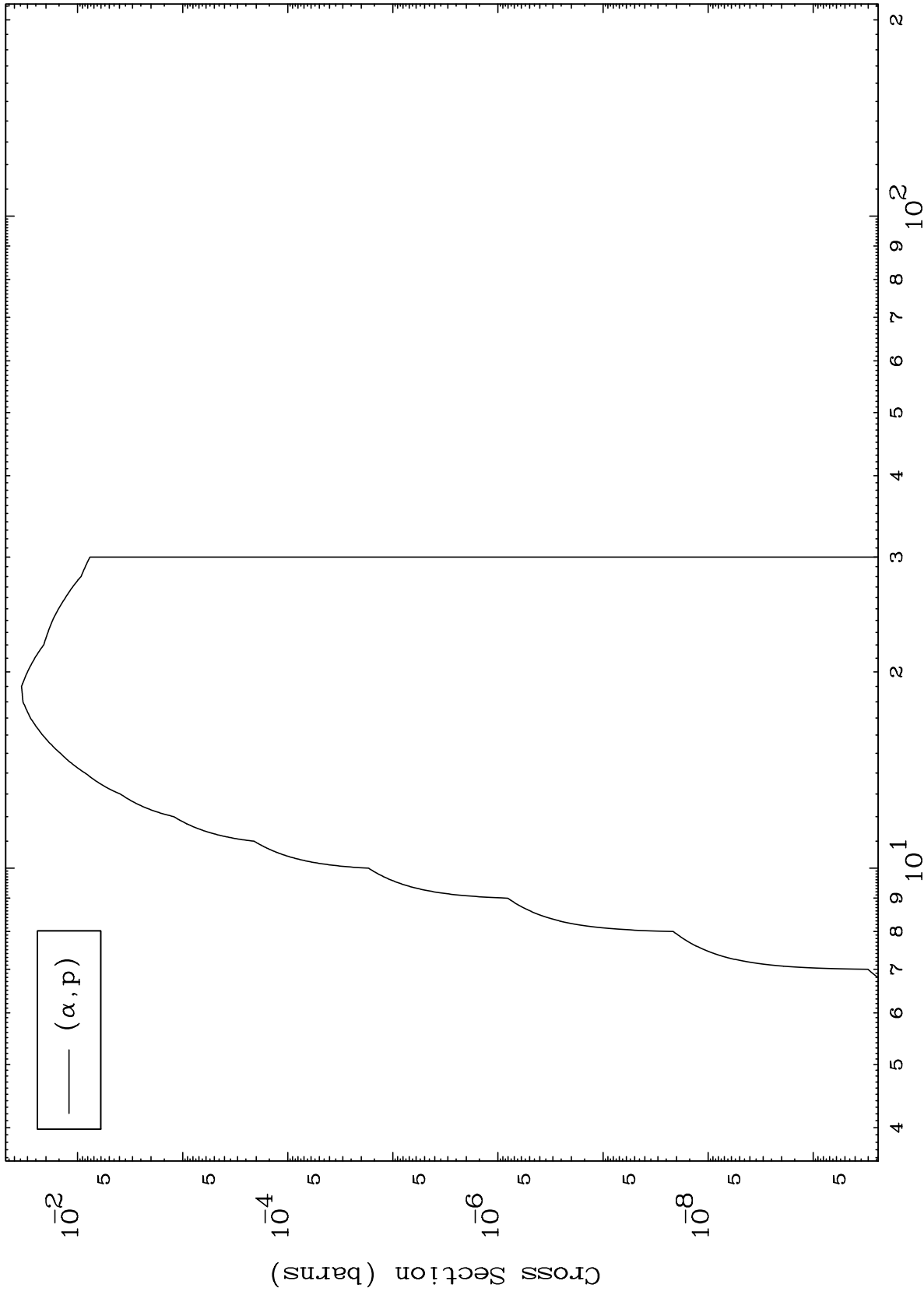
Incident Energy (MeV)

41-Nb-92

MAT 4122

(α, p) Levels
0 Kelvin Cross Sections

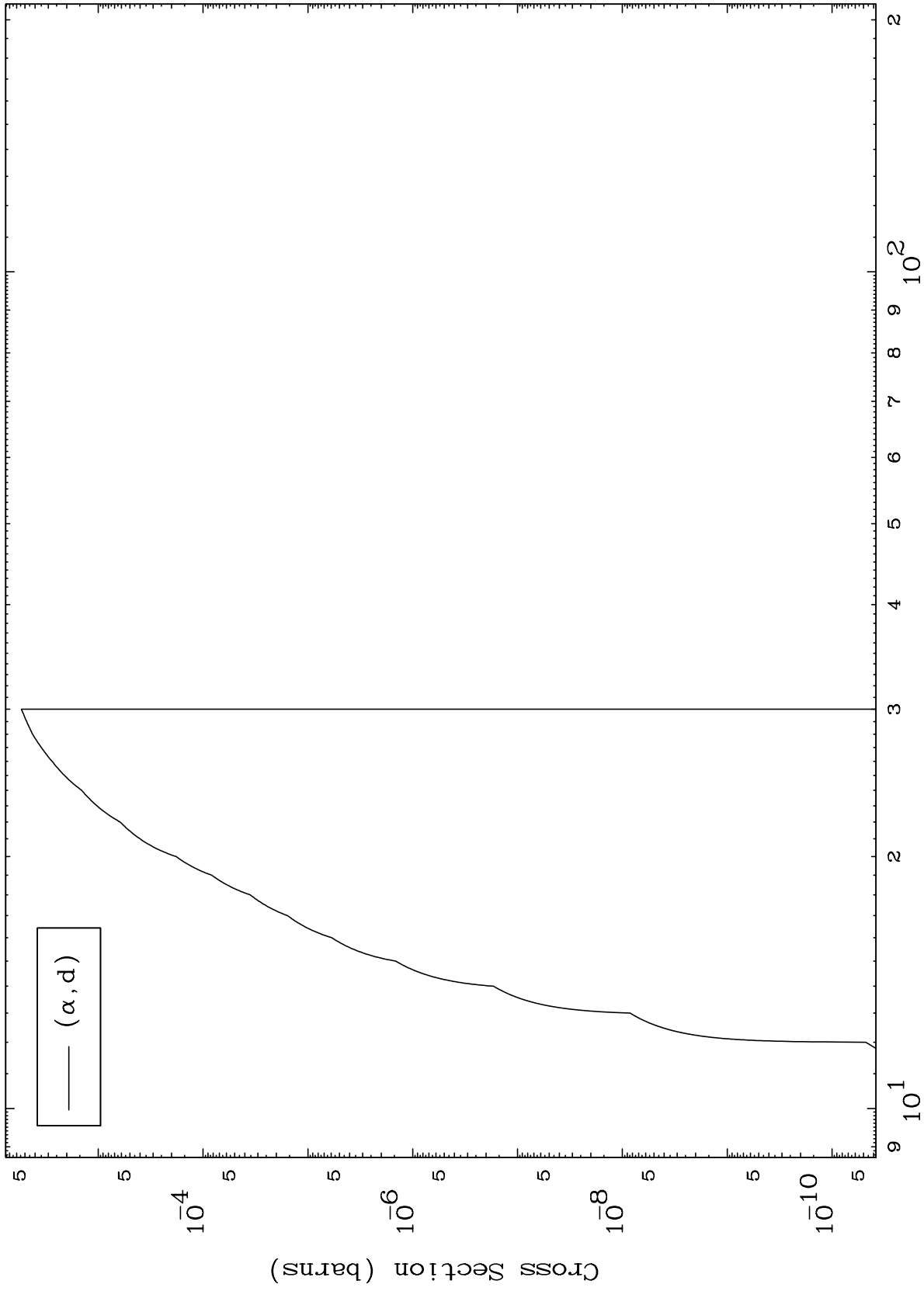
41-Nb-92



MAT 4122

(α, d) Levels
0 Kelvin Cross Sections

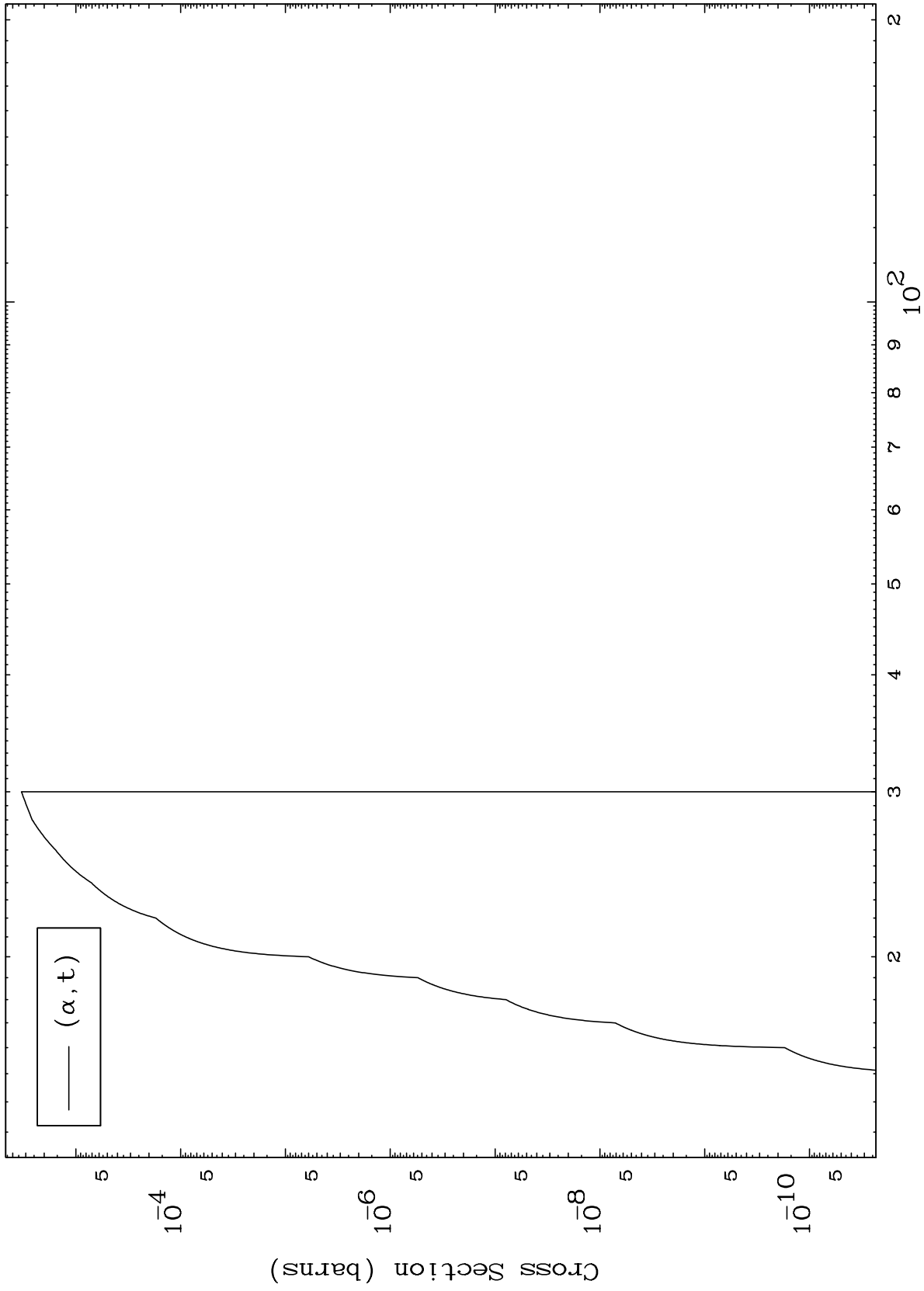
41-Nb-92

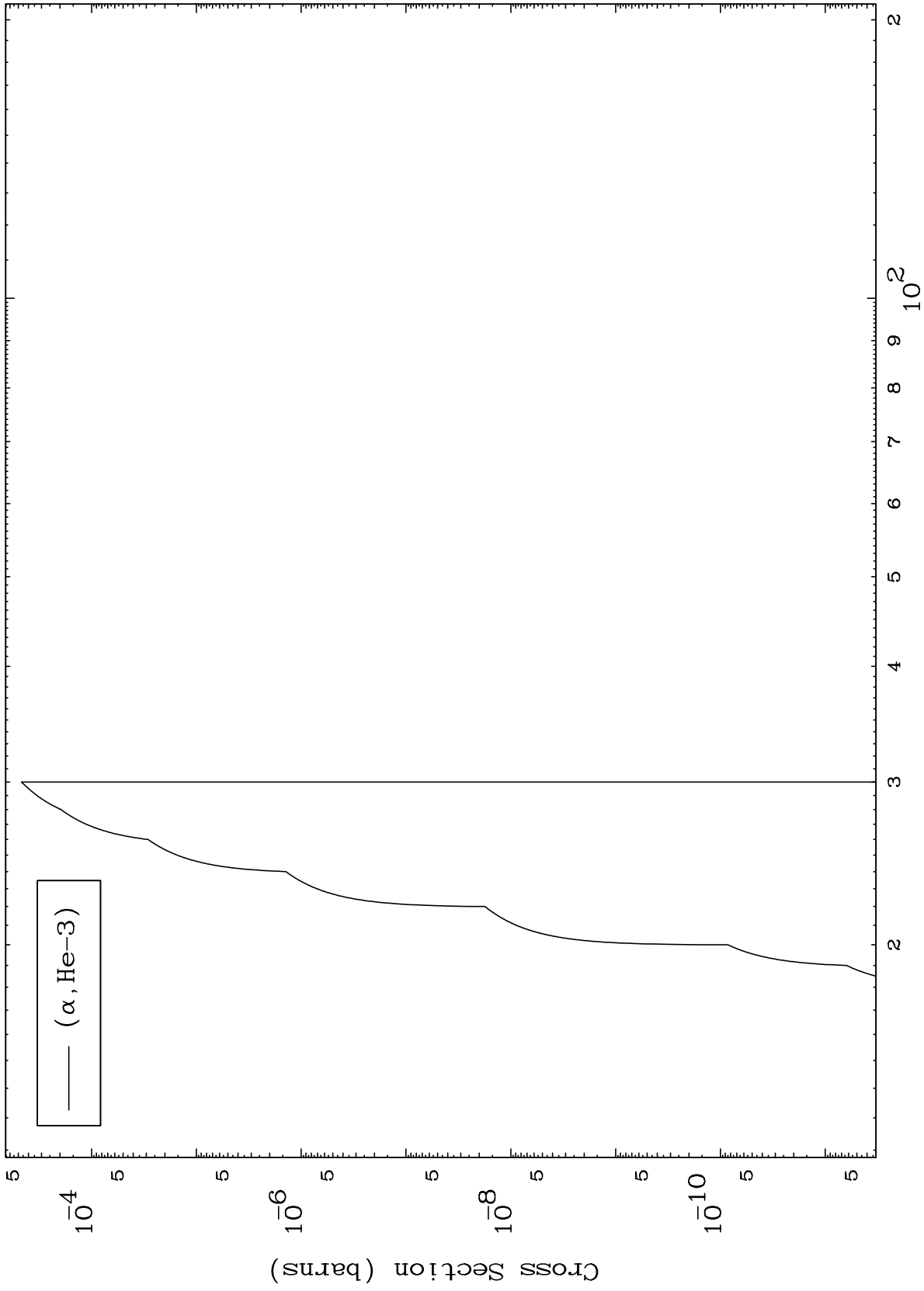


7

Incident Energy (MeV)

41-Nb-92

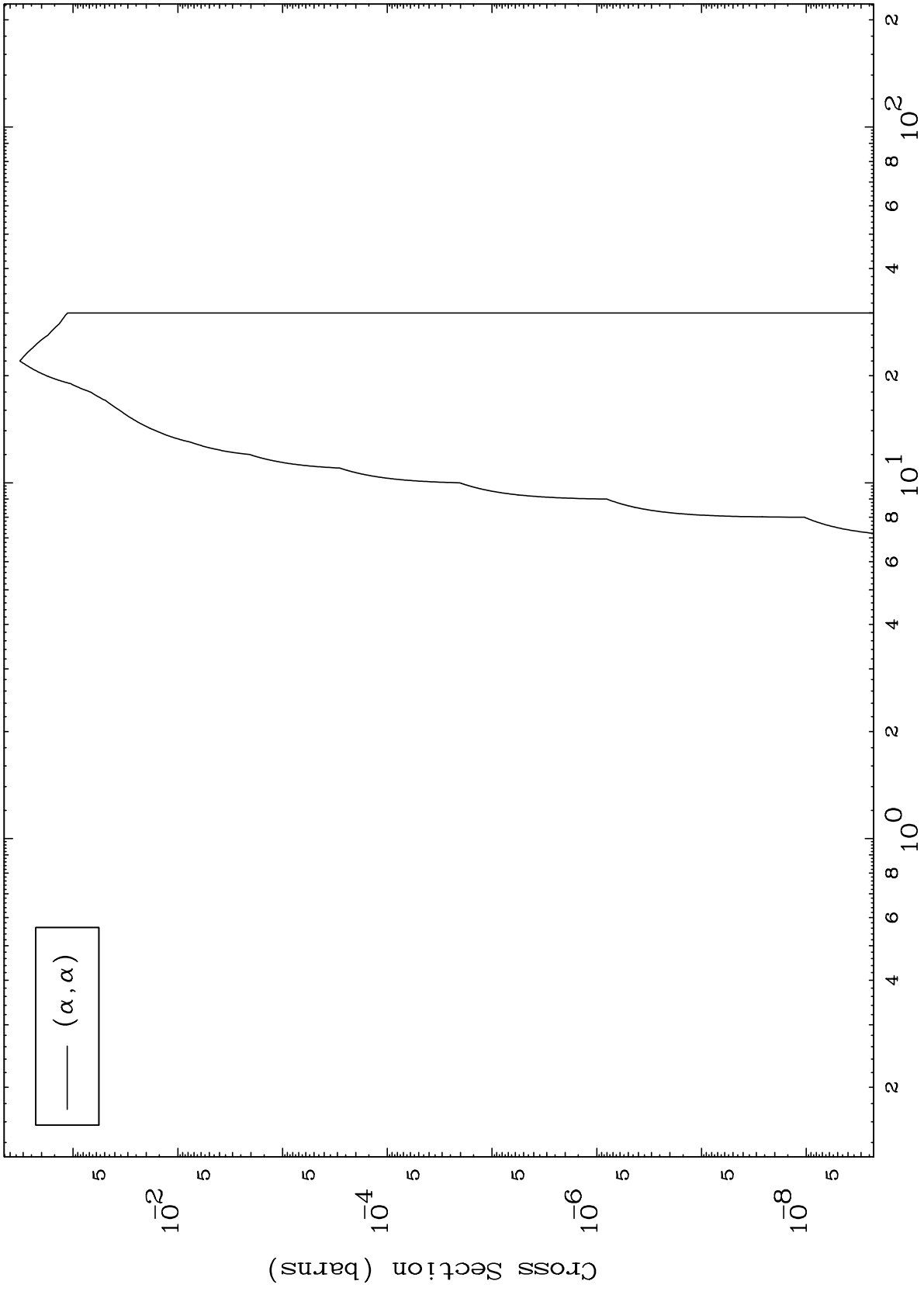




MAT 4122

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-92

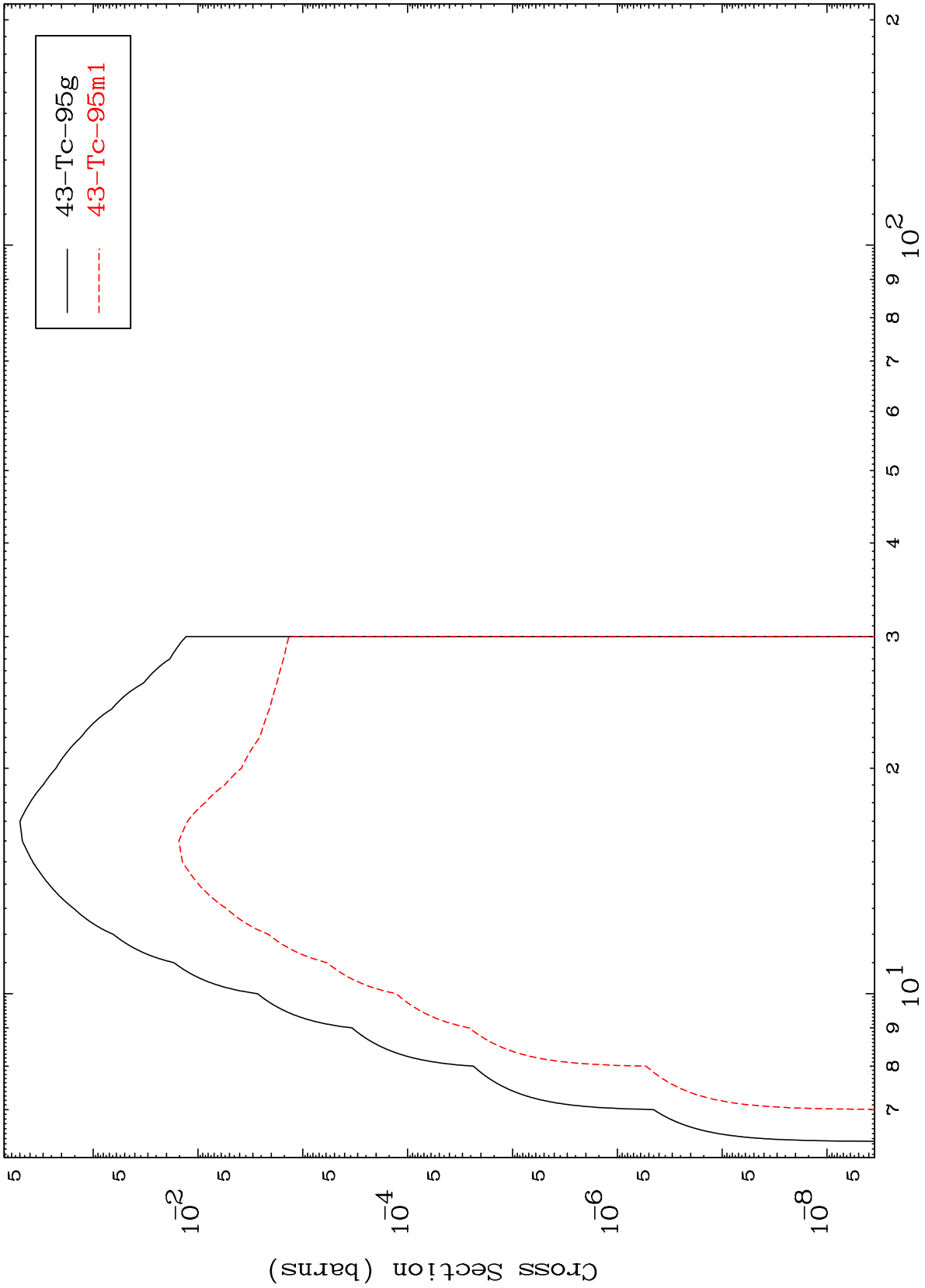


10

Incident Energy (MeV)

41-Nb-92

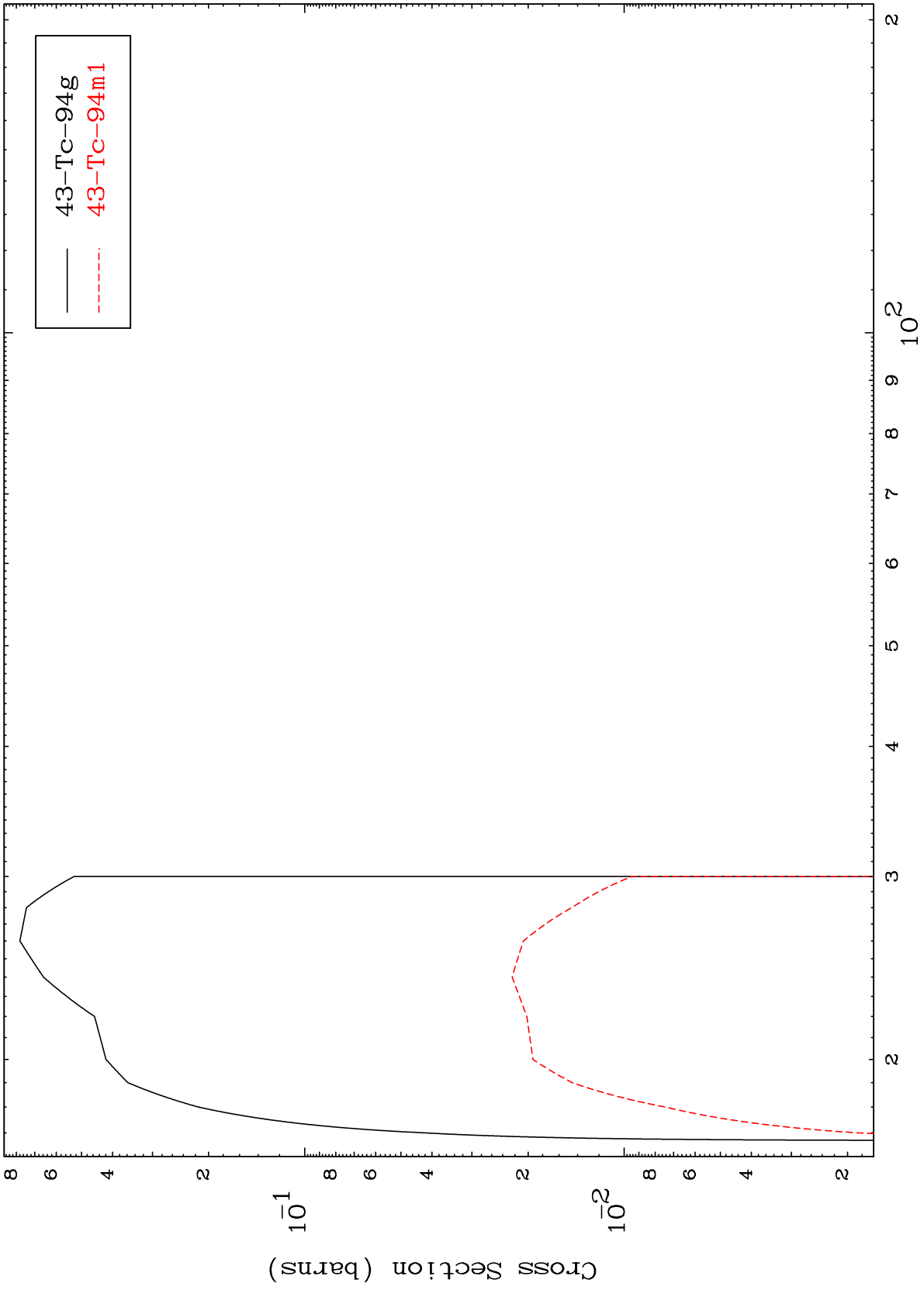
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

($\alpha, 2n$)
Radionuclide Production Cross Section



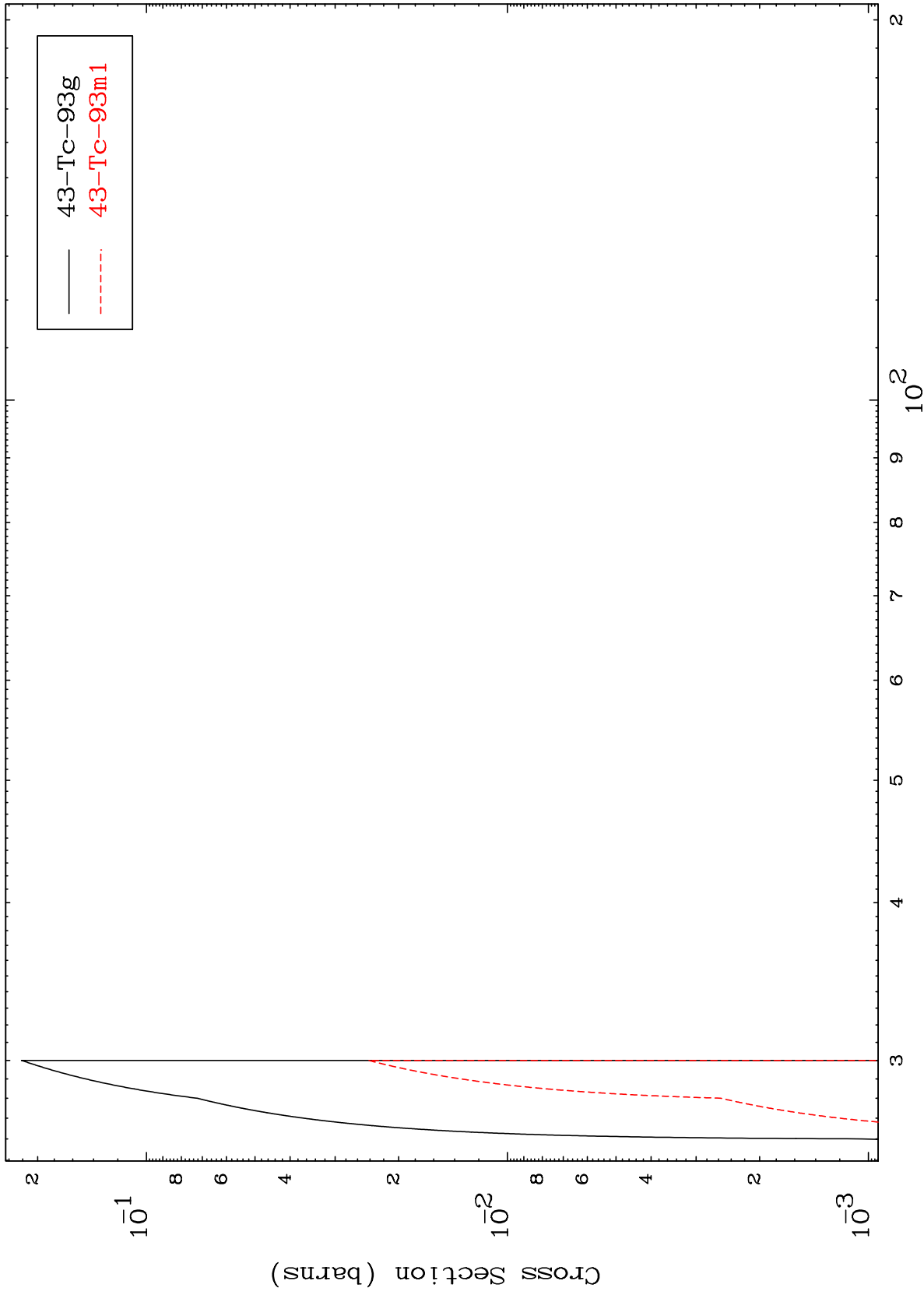
12

41-Nb-92

MAT 4122

Radionuclide Production Cross Section
($\alpha, 3n$)

41-Nb-92



13

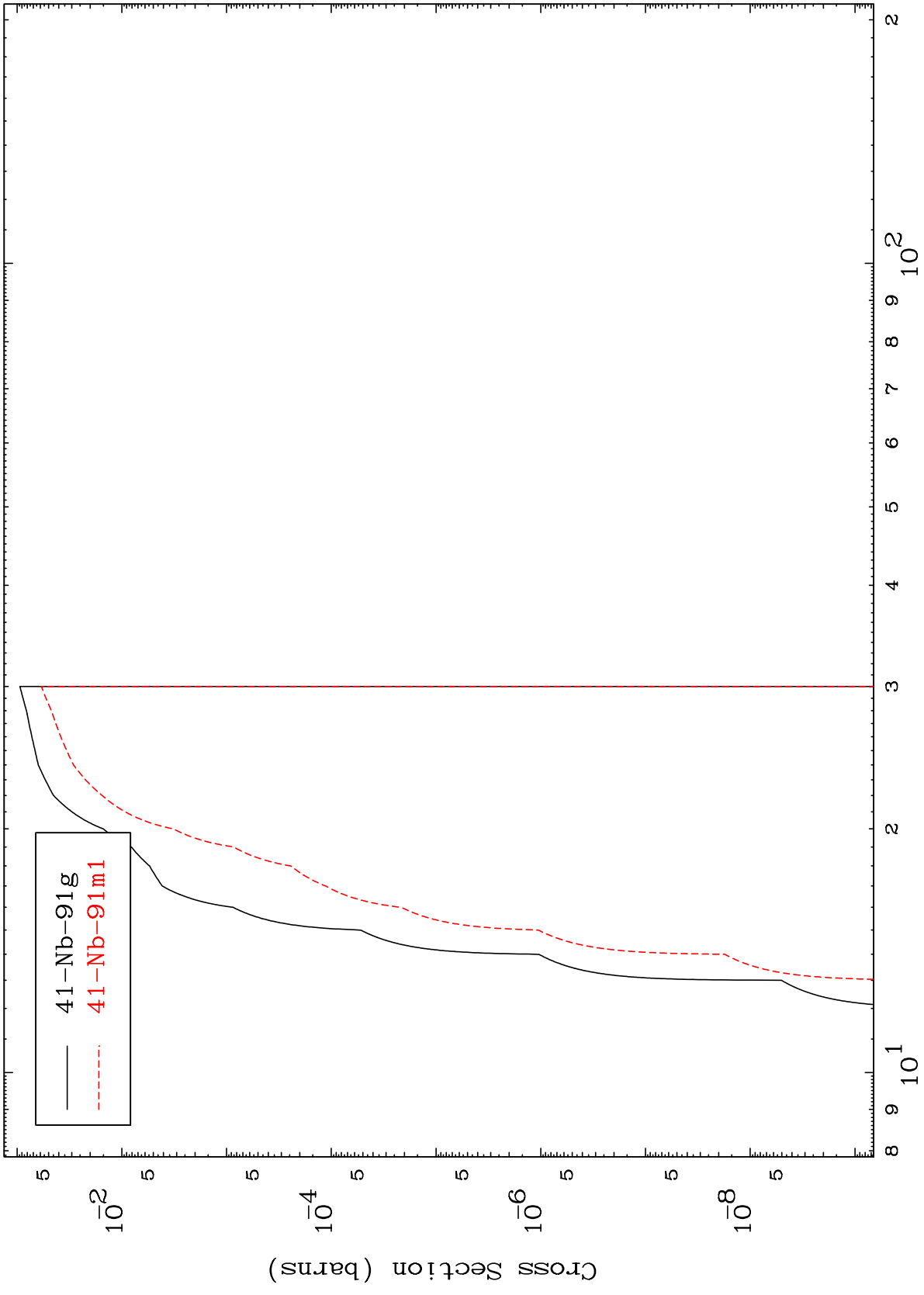
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

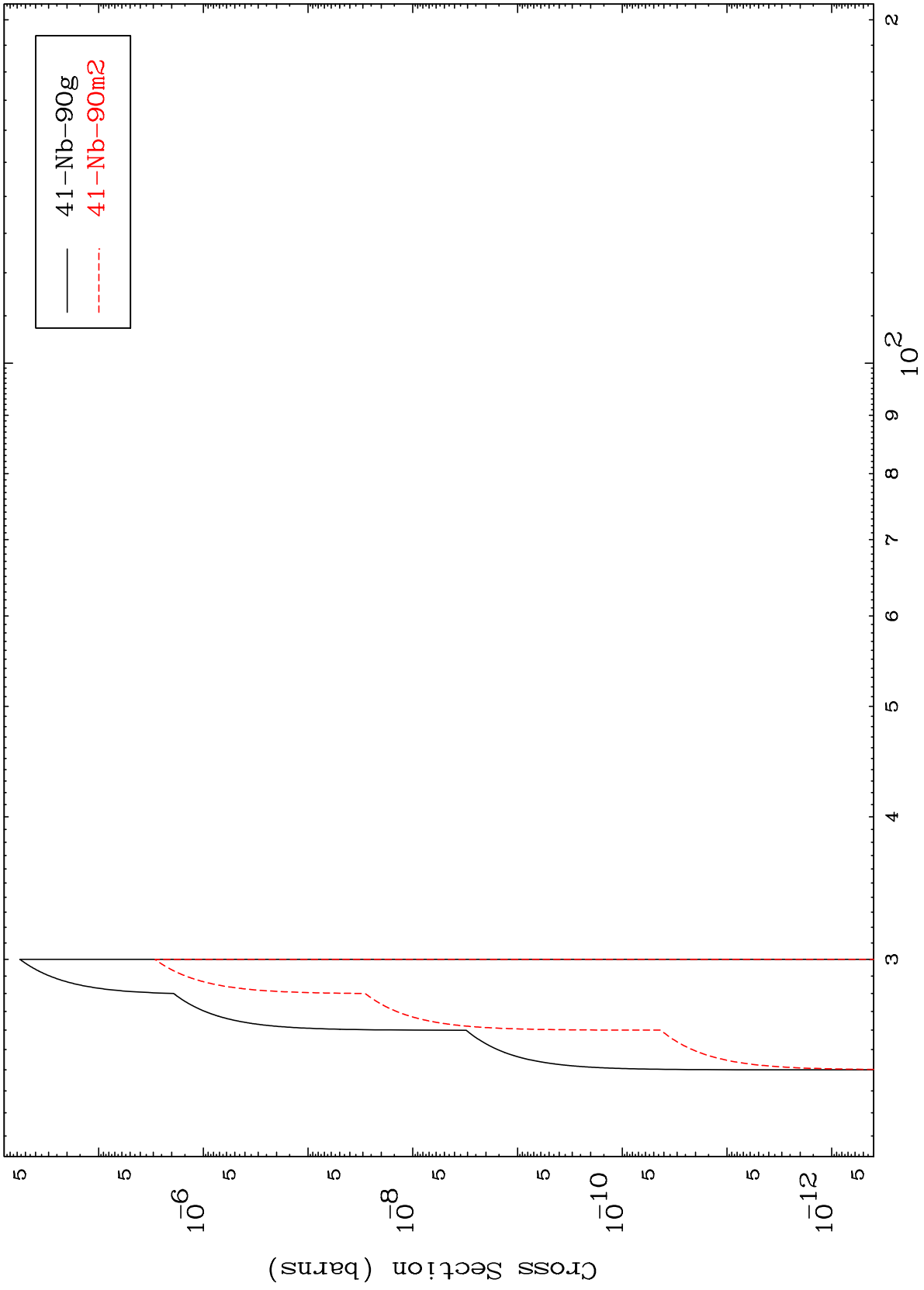
(α, n') α
Radionuclide Production Cross Section



14

41-Nb-92

Radionuclide Production Cross Section

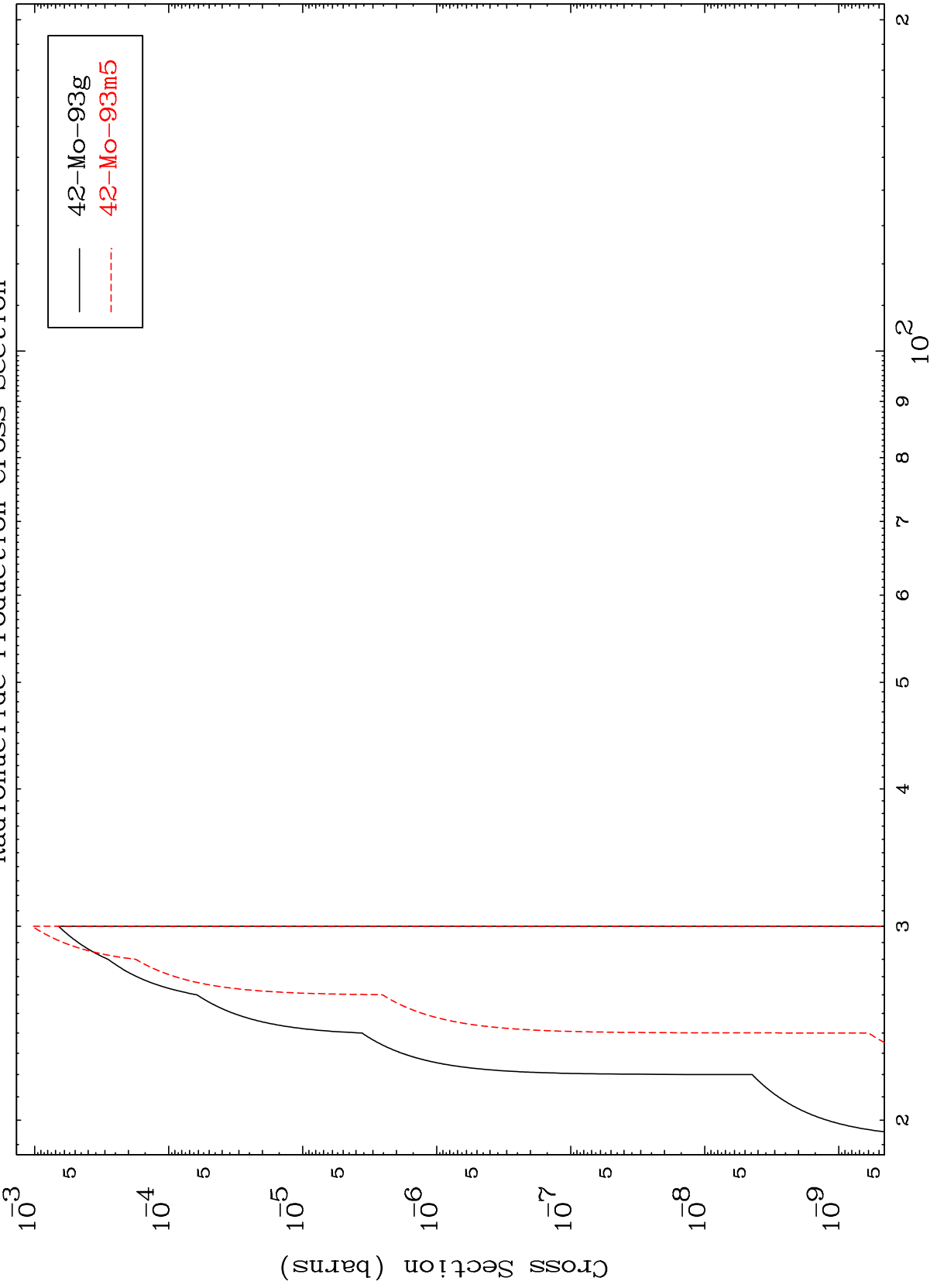


MAT 4122

(α, n') d

41-Nb-92

Radionuclide Production Cross Section



16

Incident Energy (MeV)

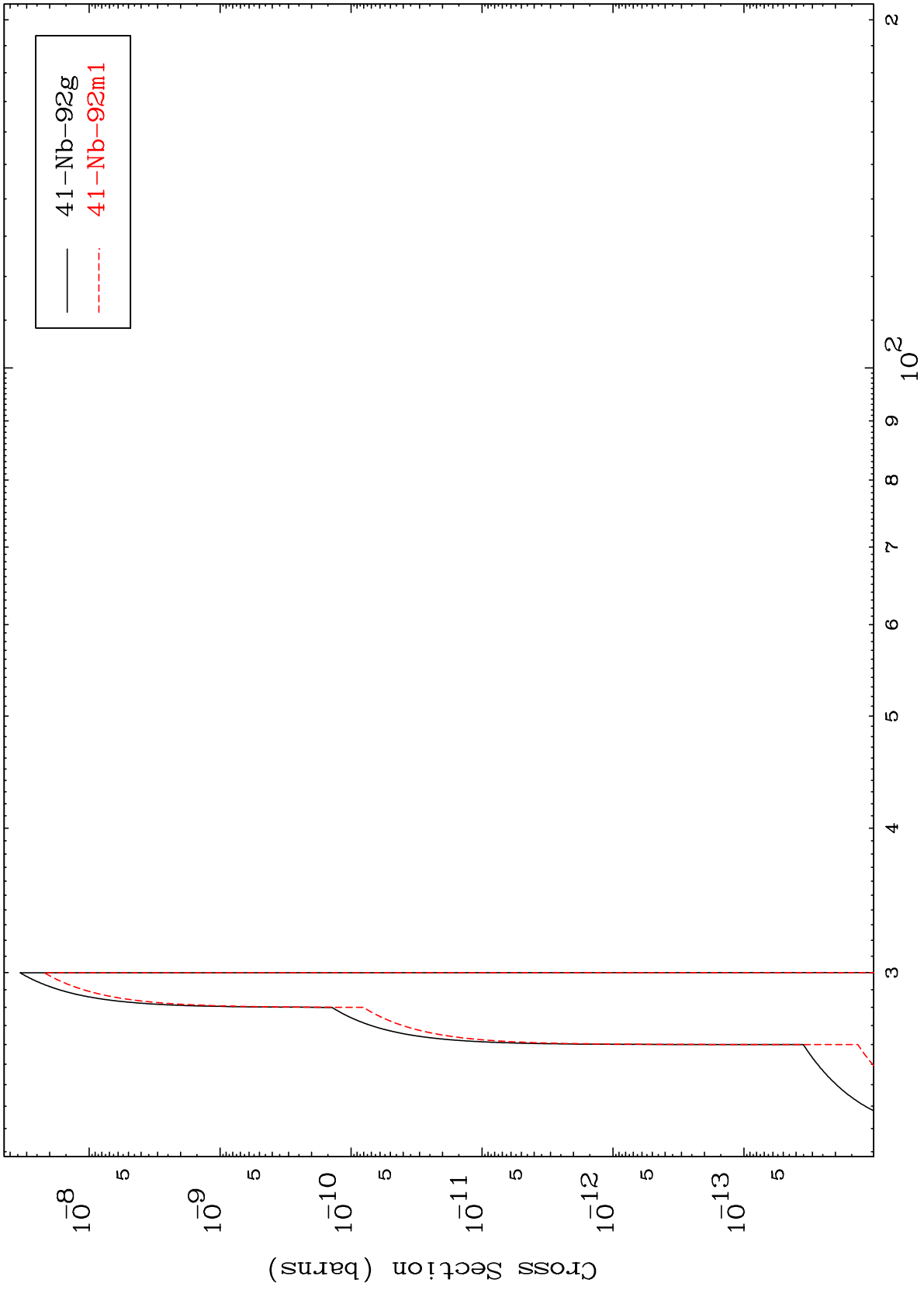
41-Nb-92

MAT 4122

(α, n') He-3

41-Nb-92

Radionuclide Production Cross Section



17

Incident Energy (MeV)

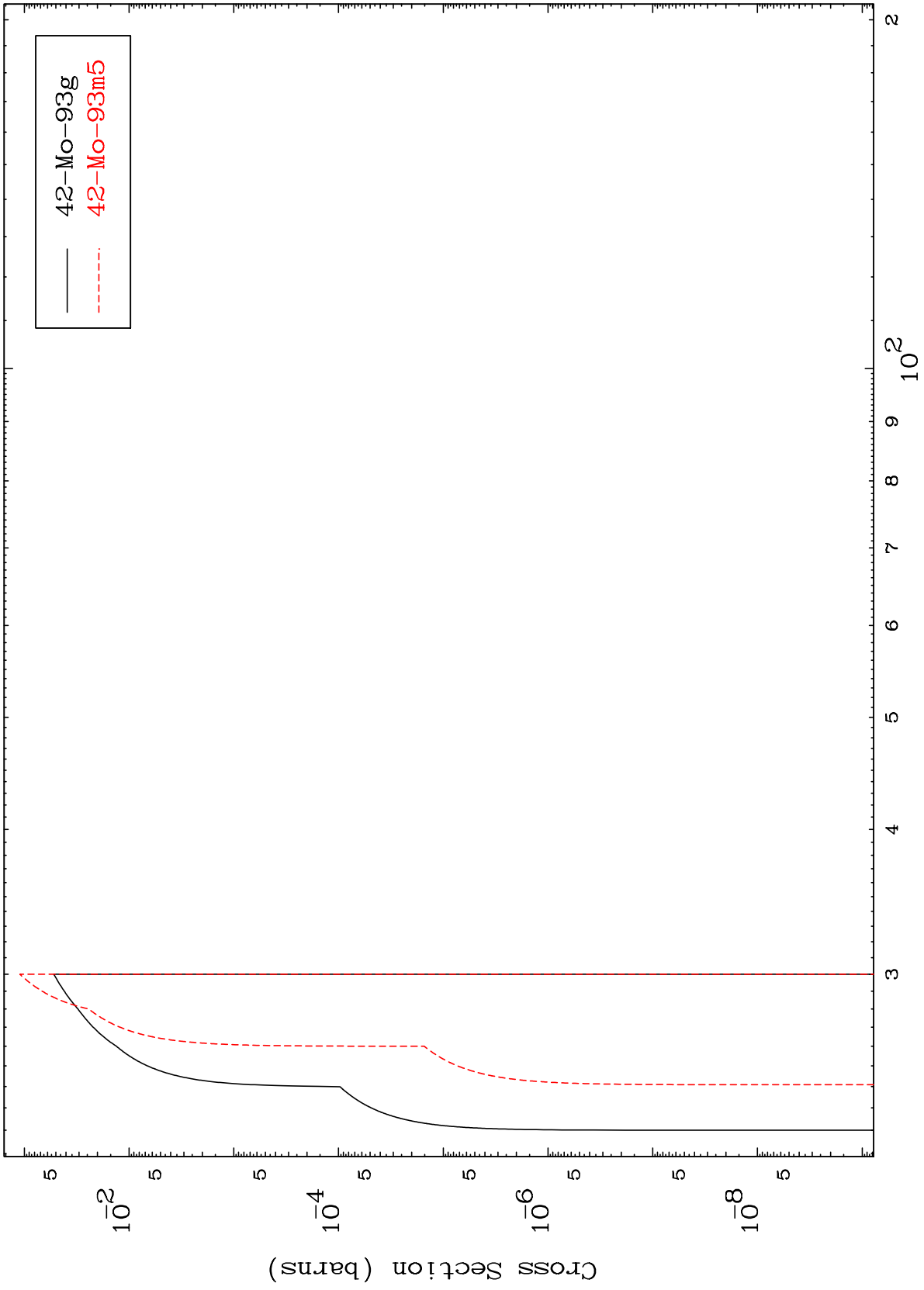
41-Nb-92

MAT 4122

($\alpha, 2n$) p

41-Nb-92

Radionuclide Production Cross Section



18

Incident Energy (MeV)

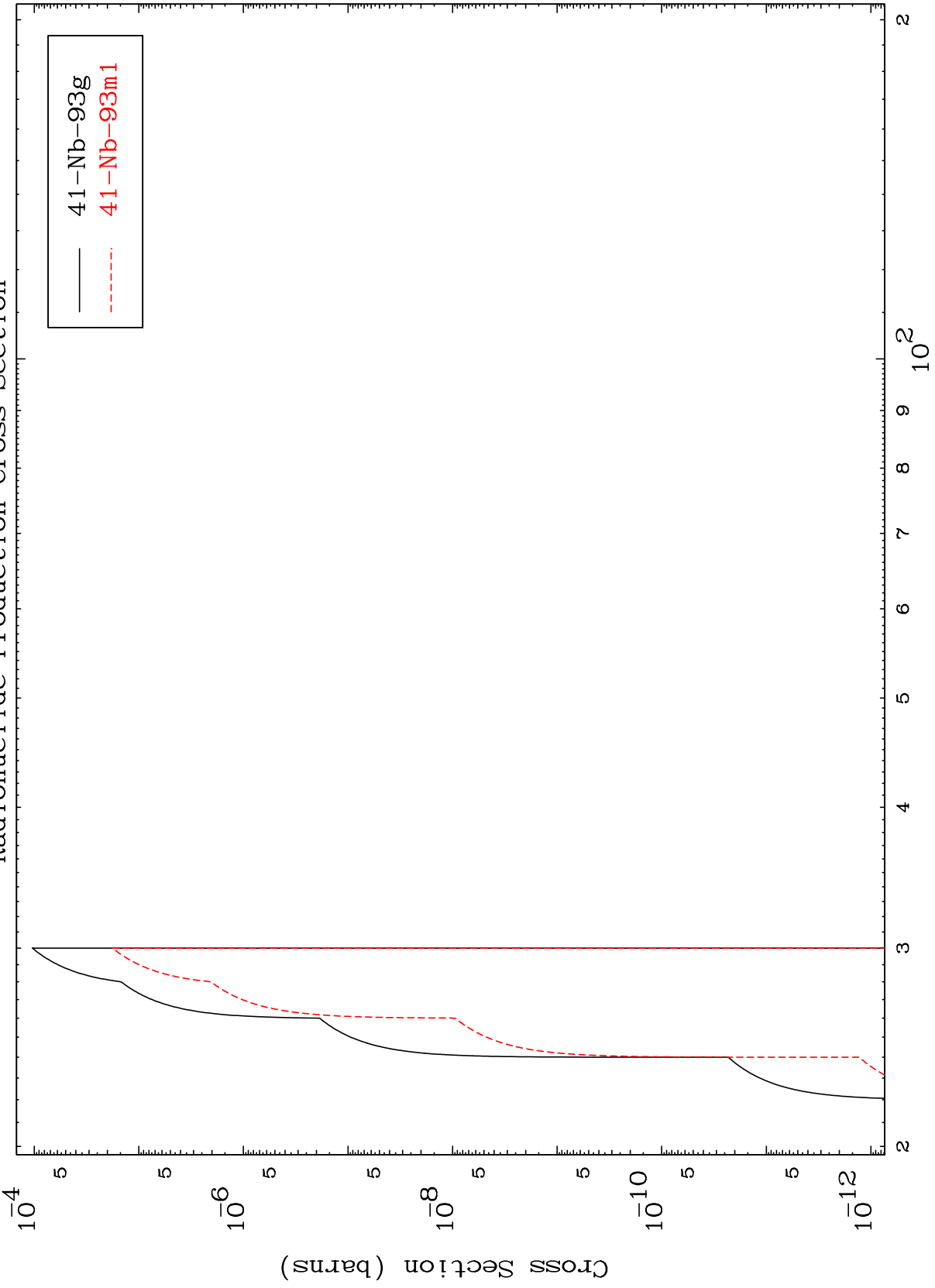
41-Nb-92

MAT 4122

($\alpha, 2n$) p

41-Nb-92

Radionuclide Production Cross Section

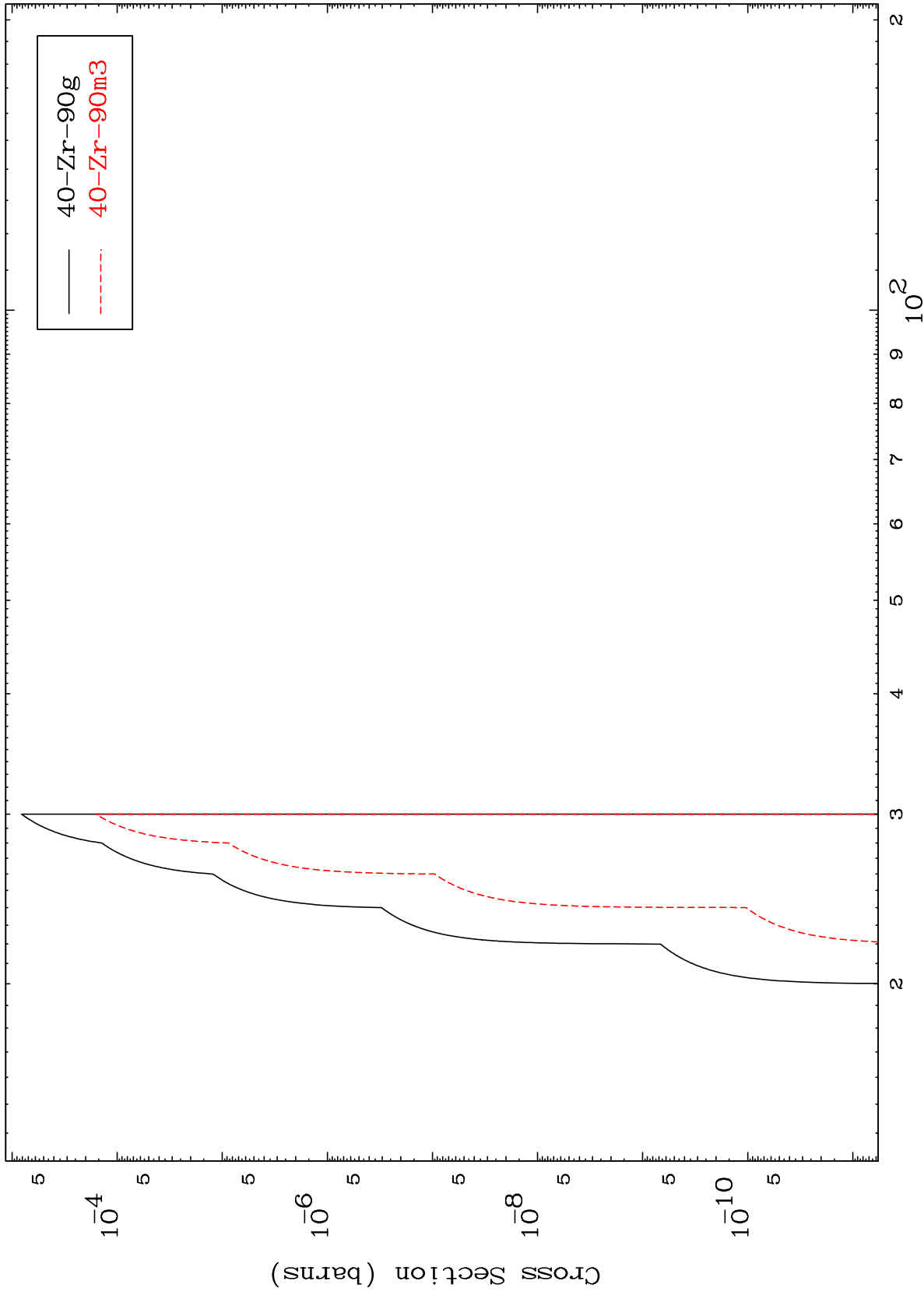


19

Incident Energy (MeV)

41-Nb-92

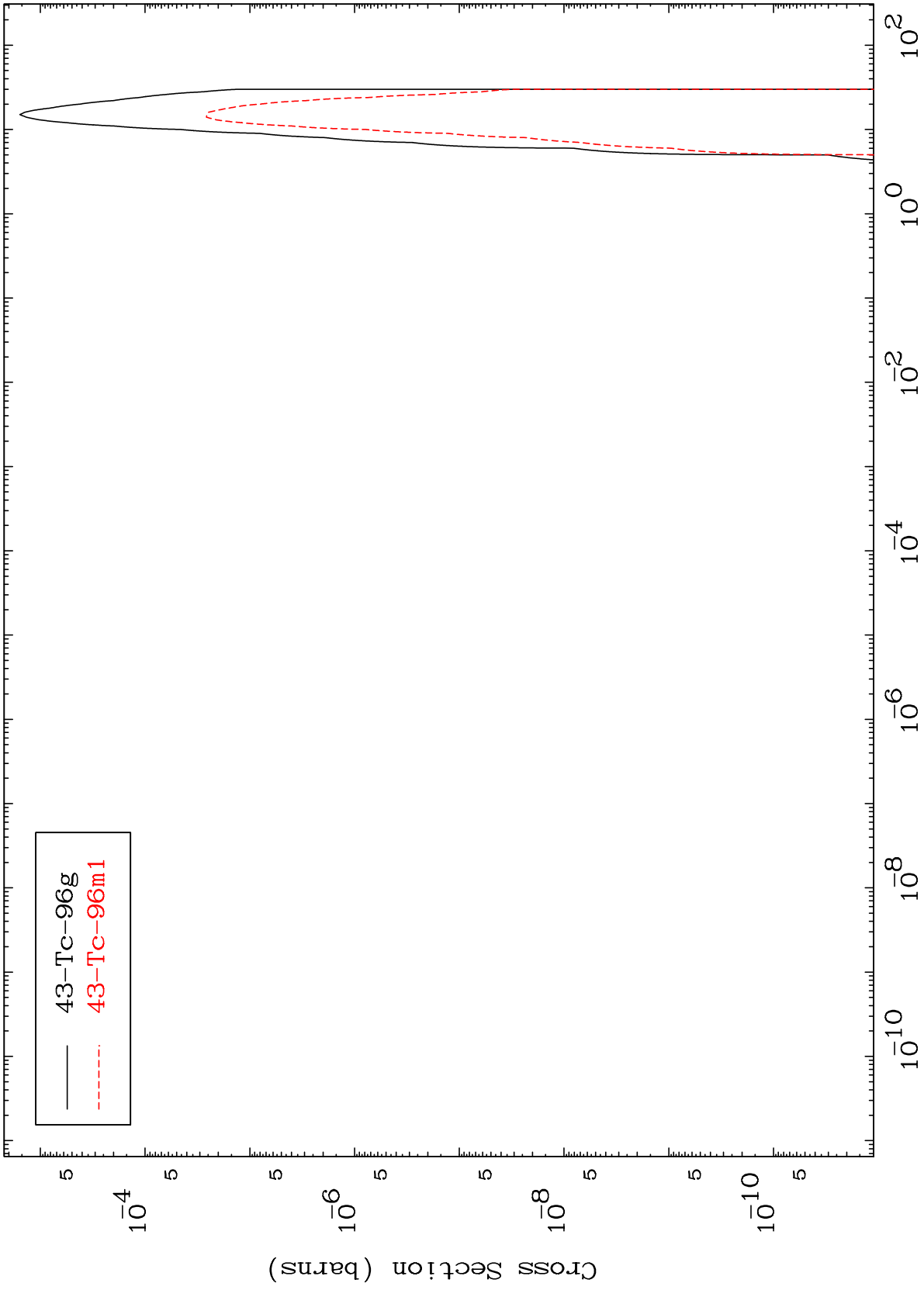
Radionuclide Production Cross Section



MAT 4122

Radionuclide Production Cross Section
(α, γ)

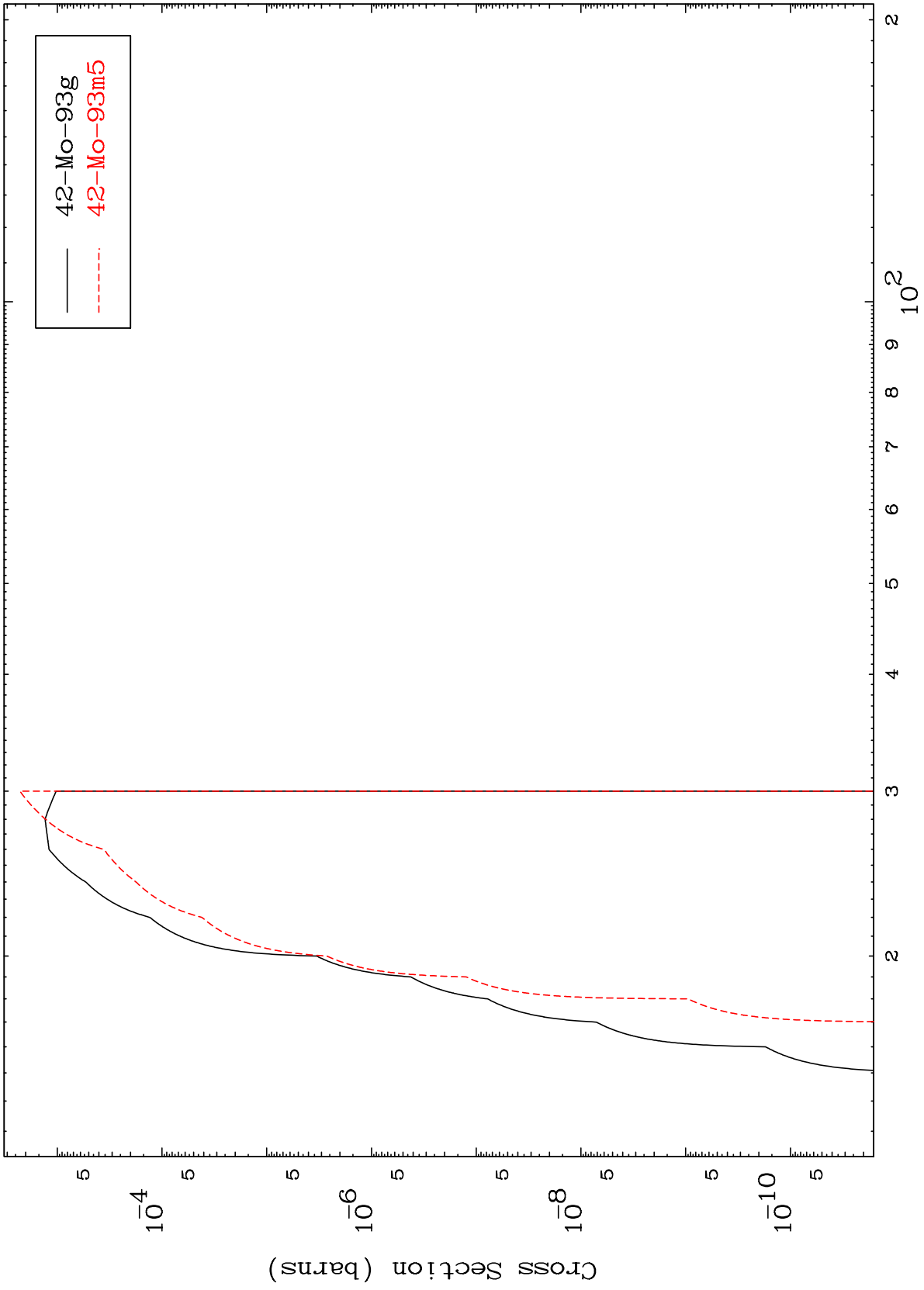
41-Nb-92



21

41-Nb-92

(α, t)
Radionuclide Production Cross Section

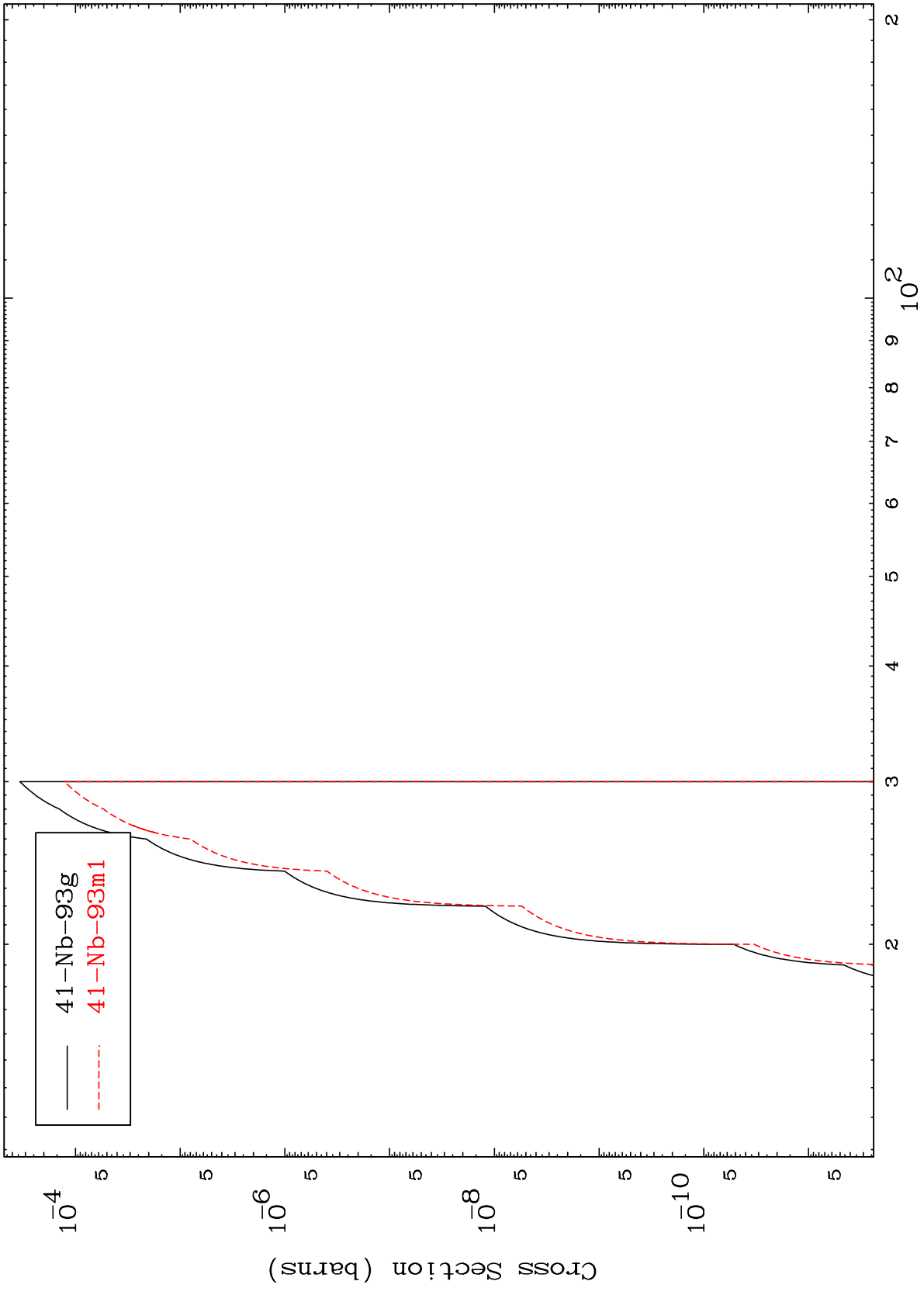


MAT 4122

($\alpha, \text{He-3}$)

41-Nb-92

Radionuclide Production Cross Section

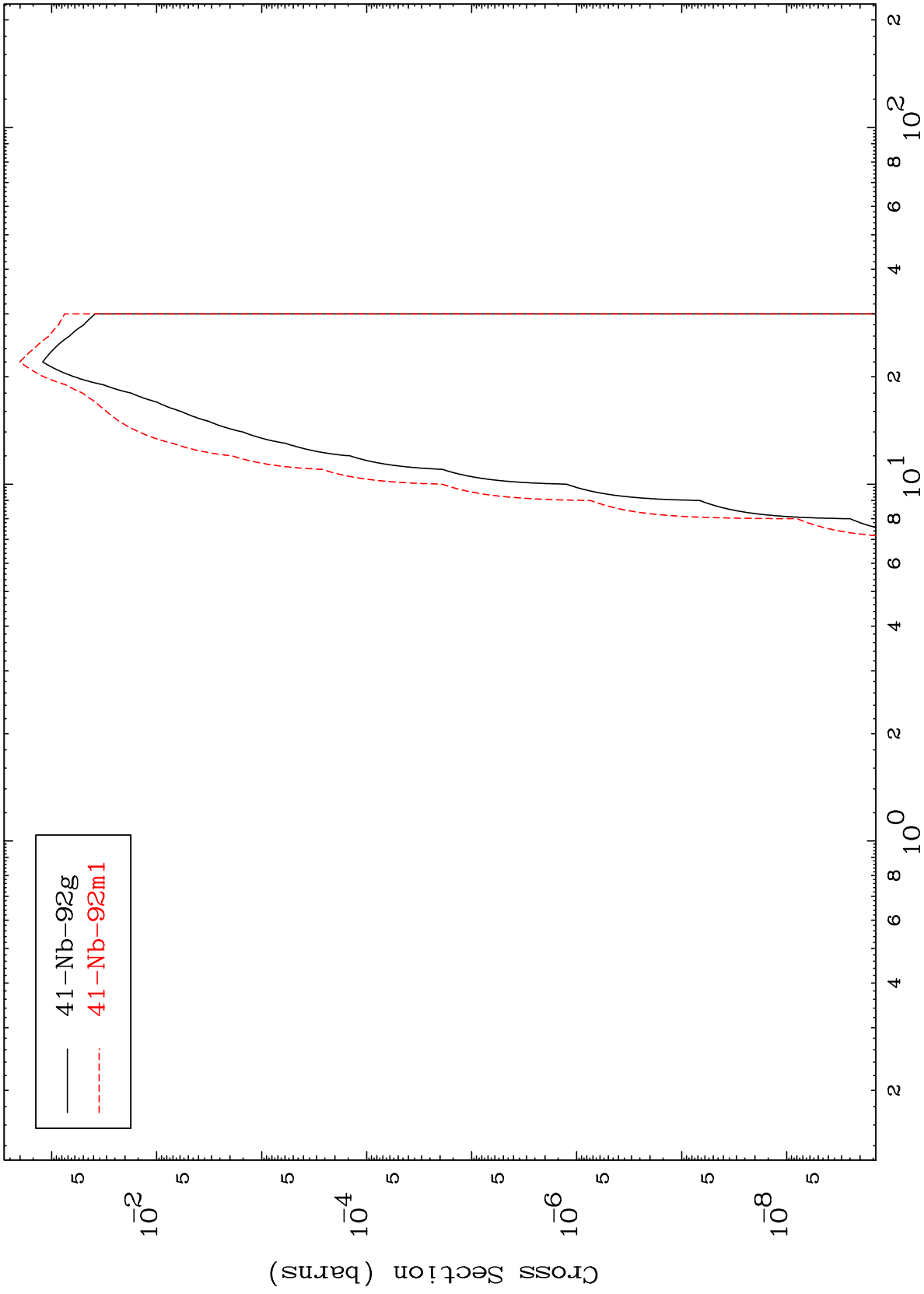


41-Nb-93g
41-Nb-93m1

MAT 4122

41-Nb-92

Radionuclide Production Cross Section
(α, α)



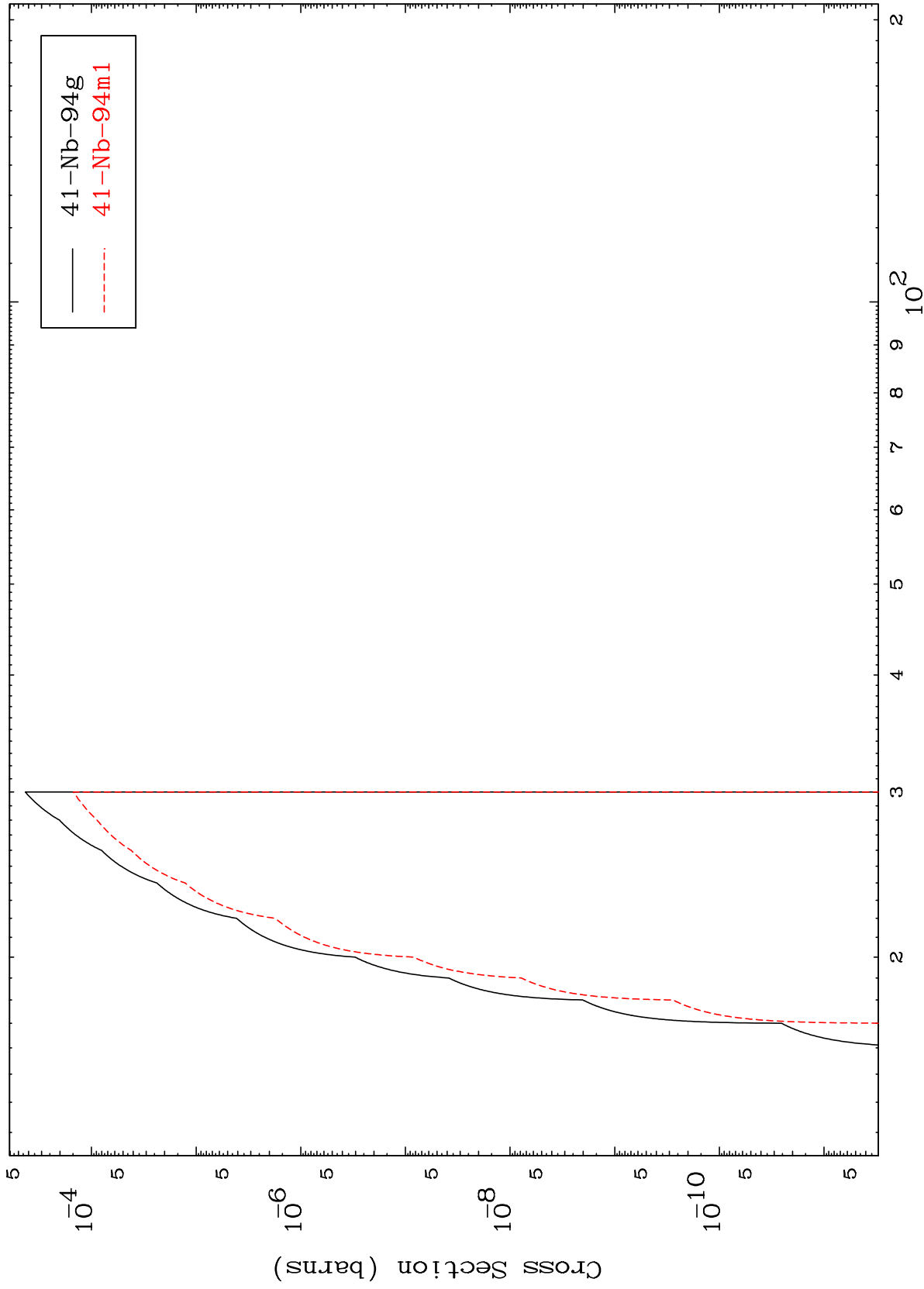
24

41-Nb-92

MAT 4122

41-Nb-92

($\alpha, 2p$)
Radionuclide Production Cross Section



25

41-Nb-92

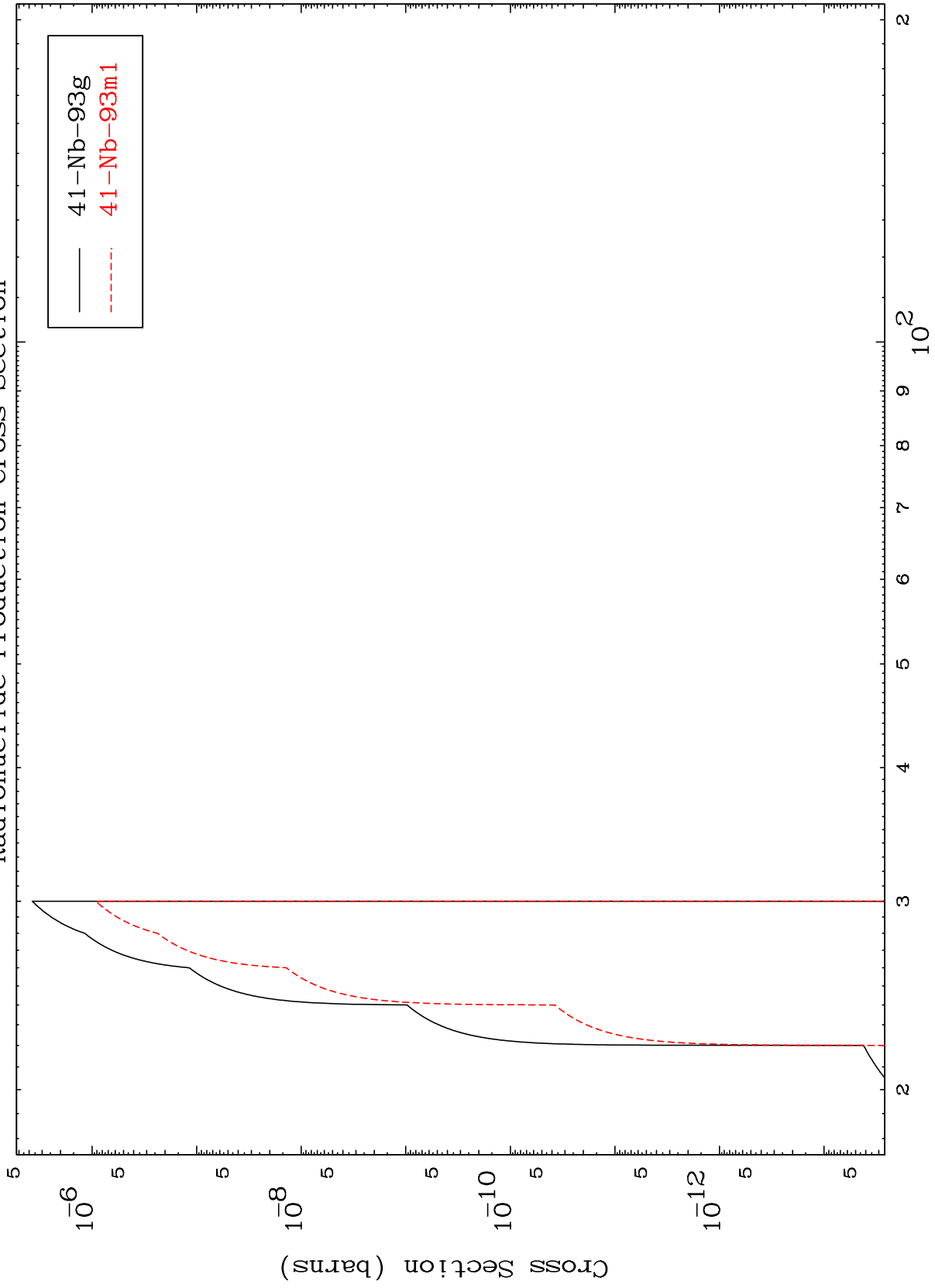
Incident Energy (MeV)

MAT 4122

(α, p) d

41-Nb-92

Radionuclide Production Cross Section

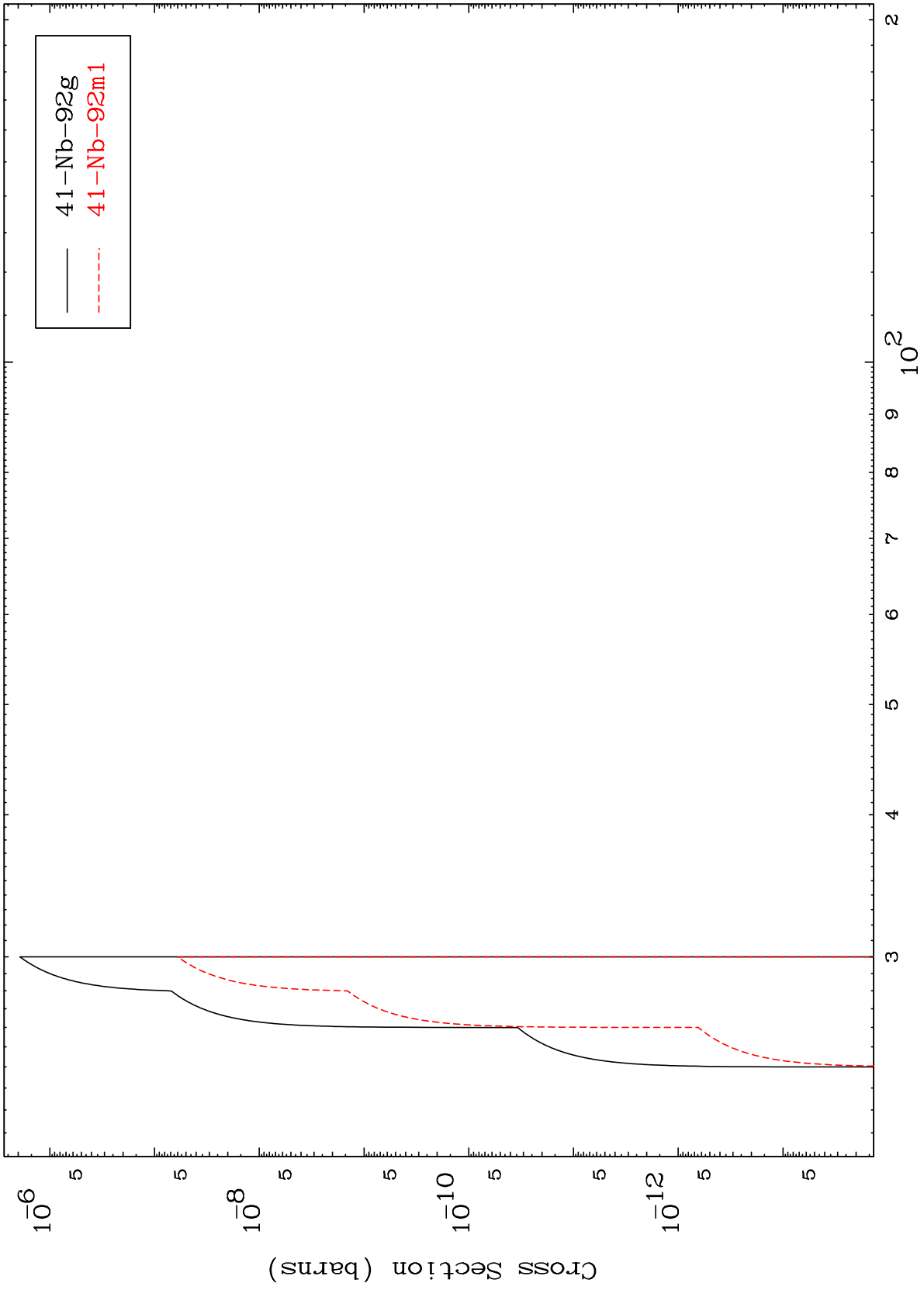


26

Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section

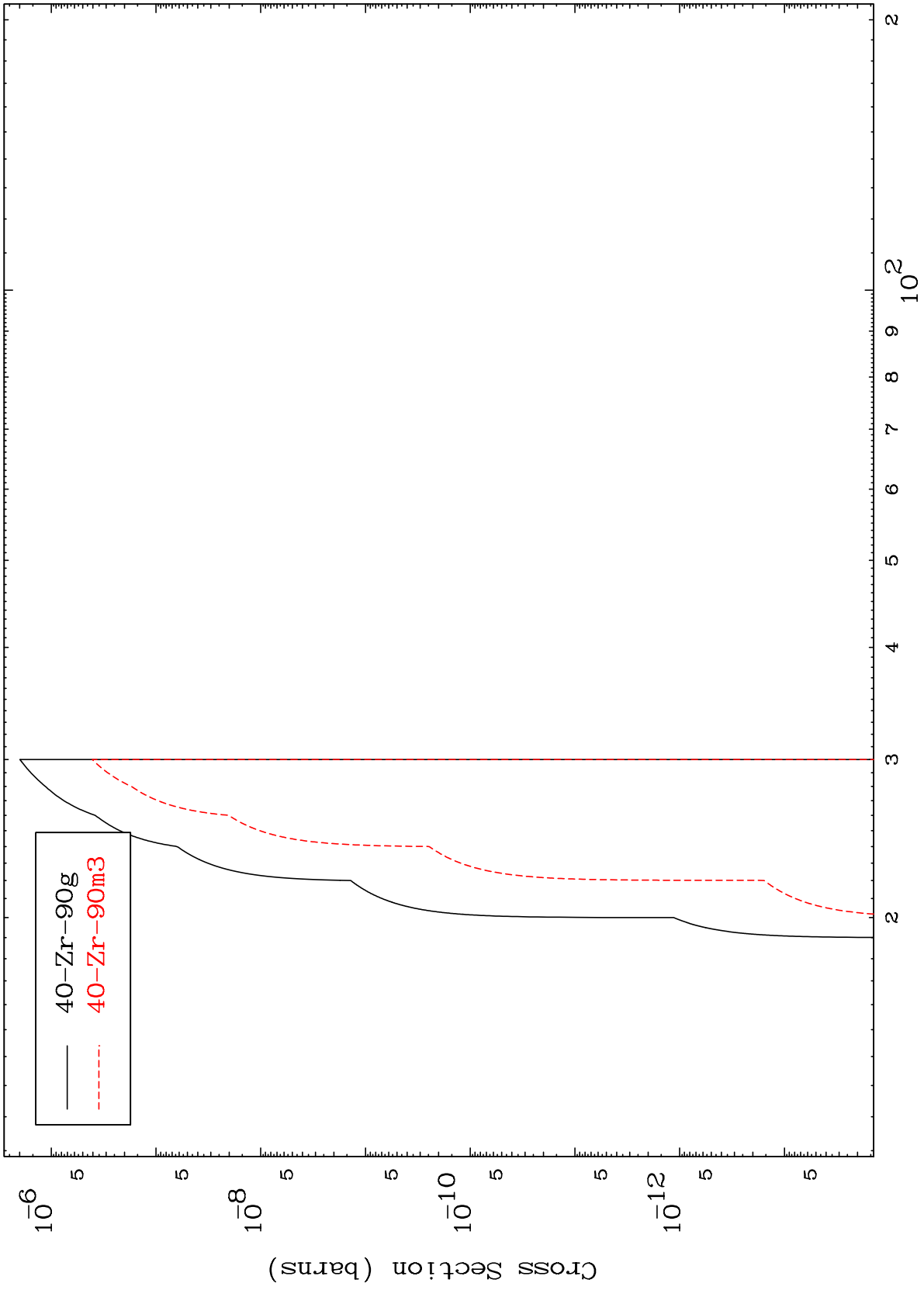


MAT 4122

(α, d) α

41-Nb-92

Radionuclide Production Cross Section



28

41-Nb-92