

Program EVALPLOT
(Version 2018-1)

by

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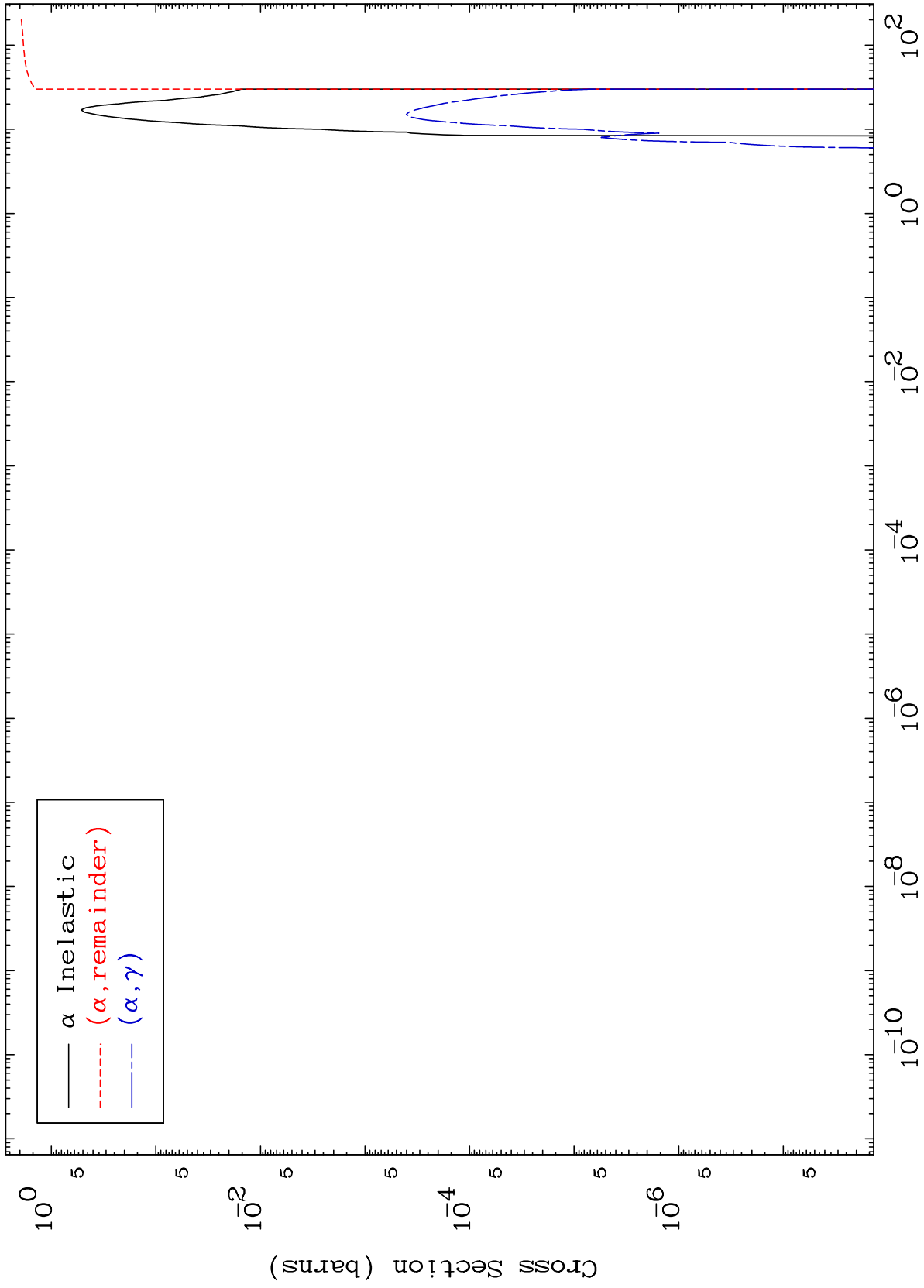
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4120

0 Kelvin α Major
Cross Sections

41-Nb-91



1

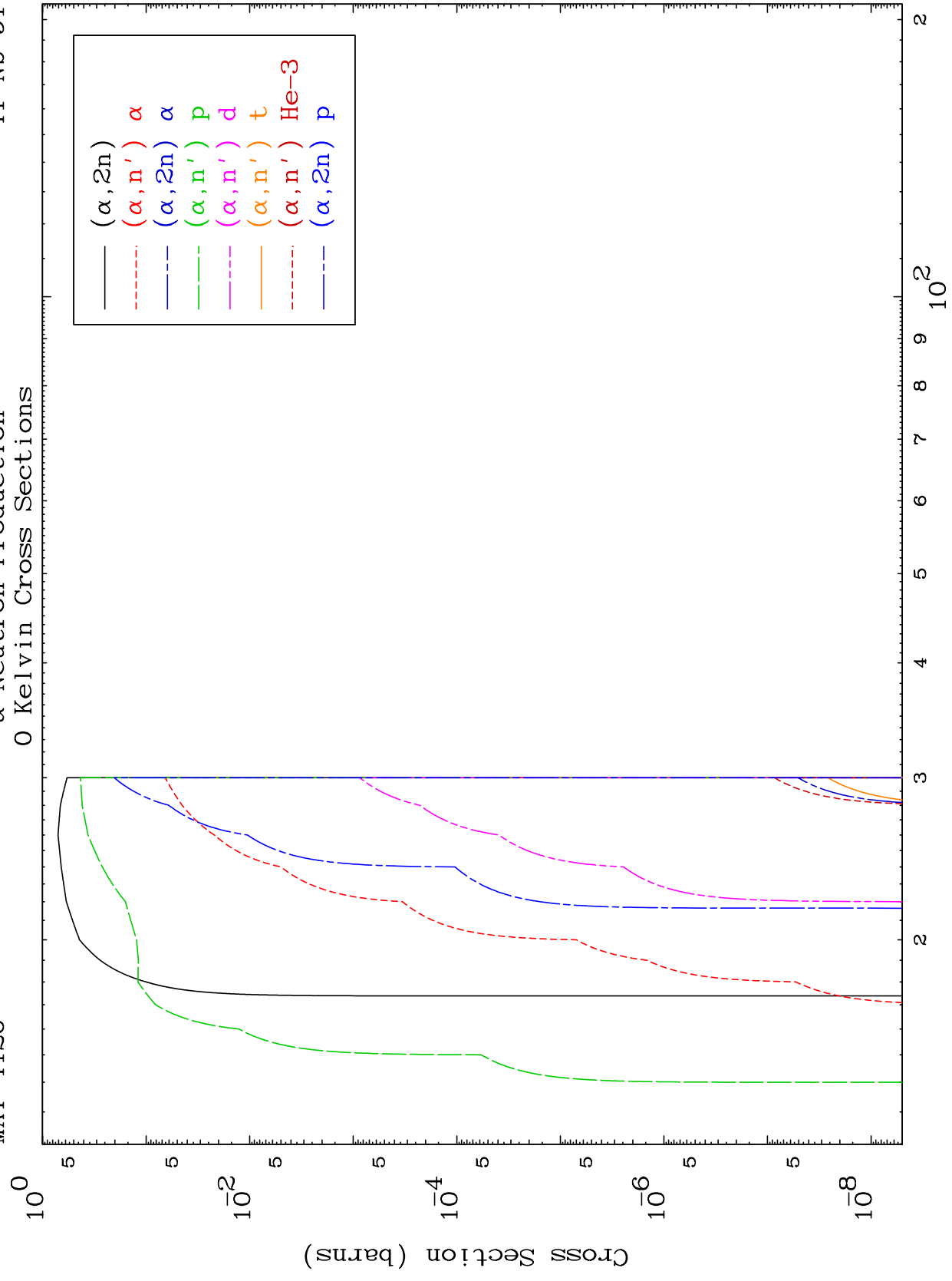
Incident Energy (MeV)

41-Nb-91

MAT 4120

α Neutron Production
0 Kelvin Cross Sections

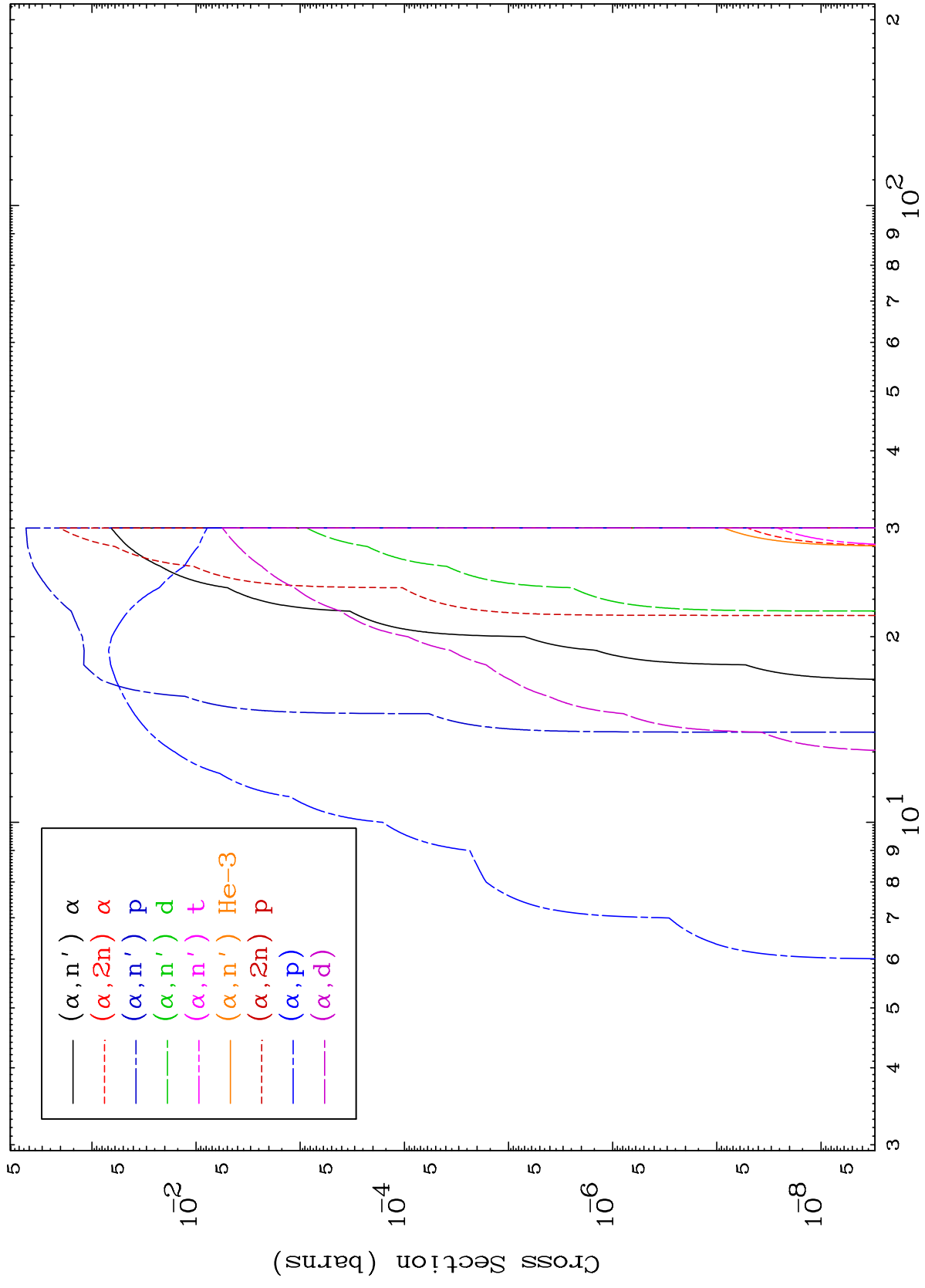
41-Nb-91



2

Incident Energy (MeV)

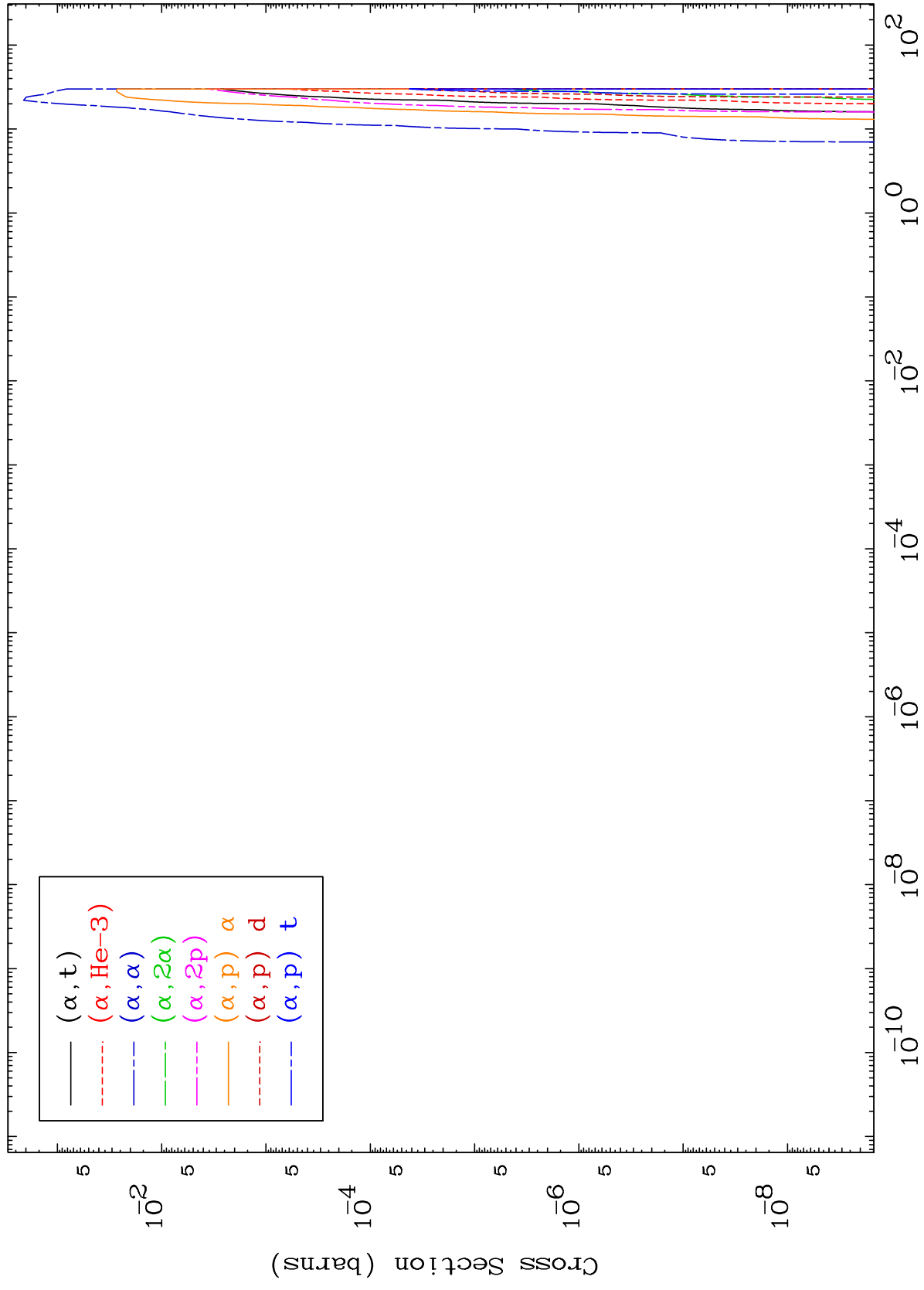
41-Nb-91



MAT 4120

α Charged Particle
0 Kelvin Cross Sections

41-Nb-91

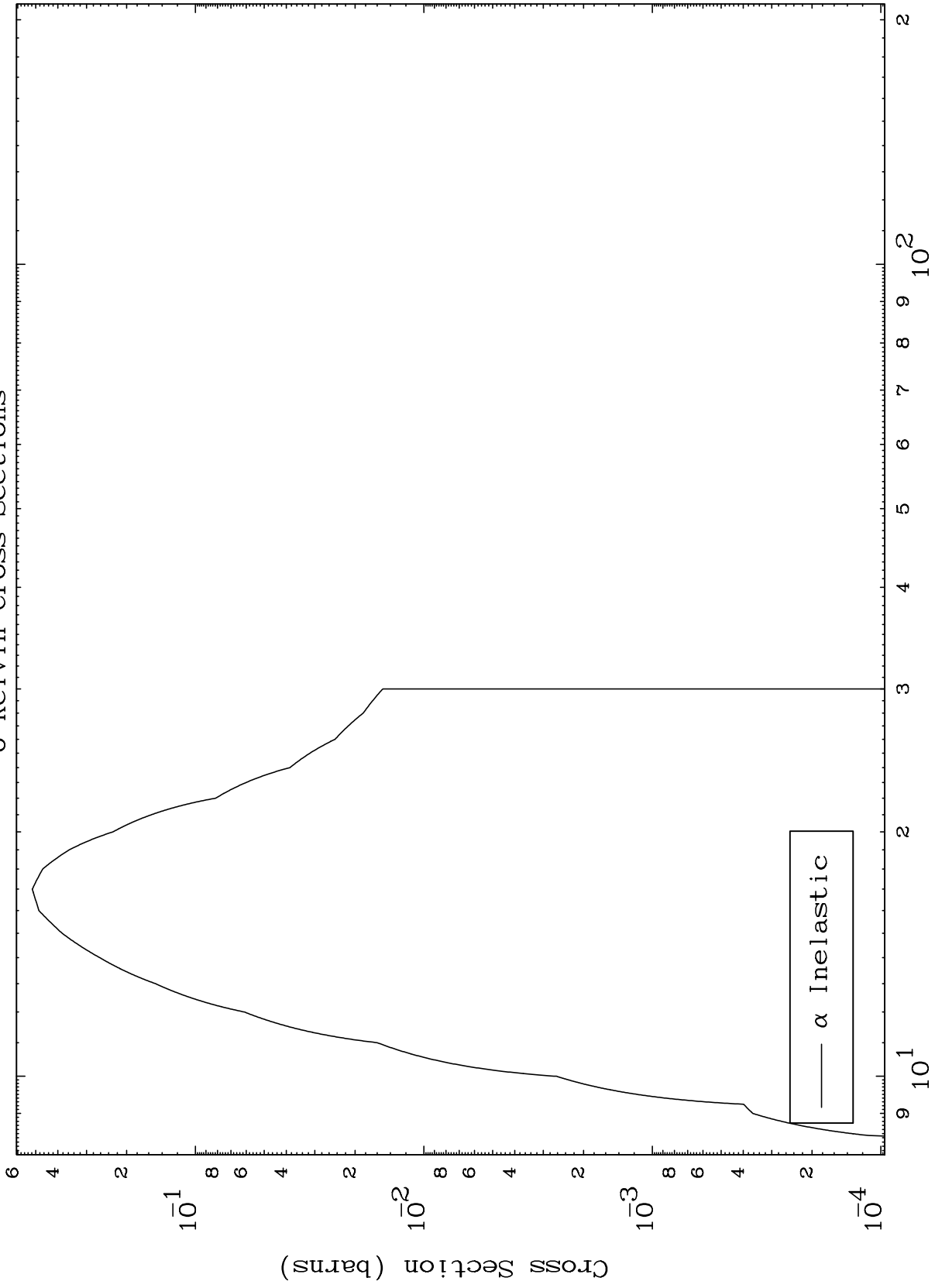


41-Nb-91

MAT 4120

(α, n') Level
0 Kelvin Cross Sections

41-Nb-91



5

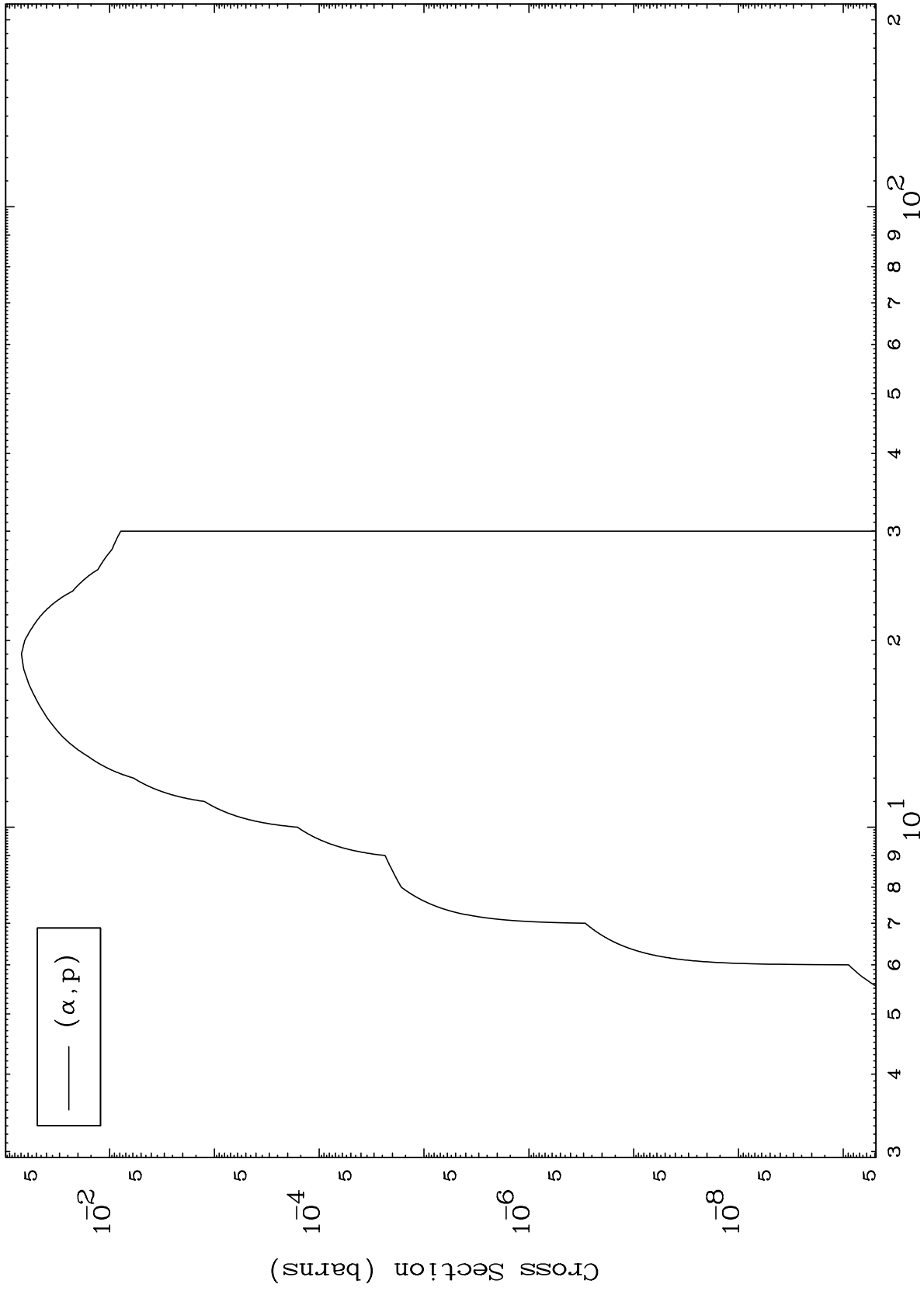
Incident Energy (MeV)

41-Nb-91

MAT 4120

(α, p) Levels
0 Kelvin Cross Sections

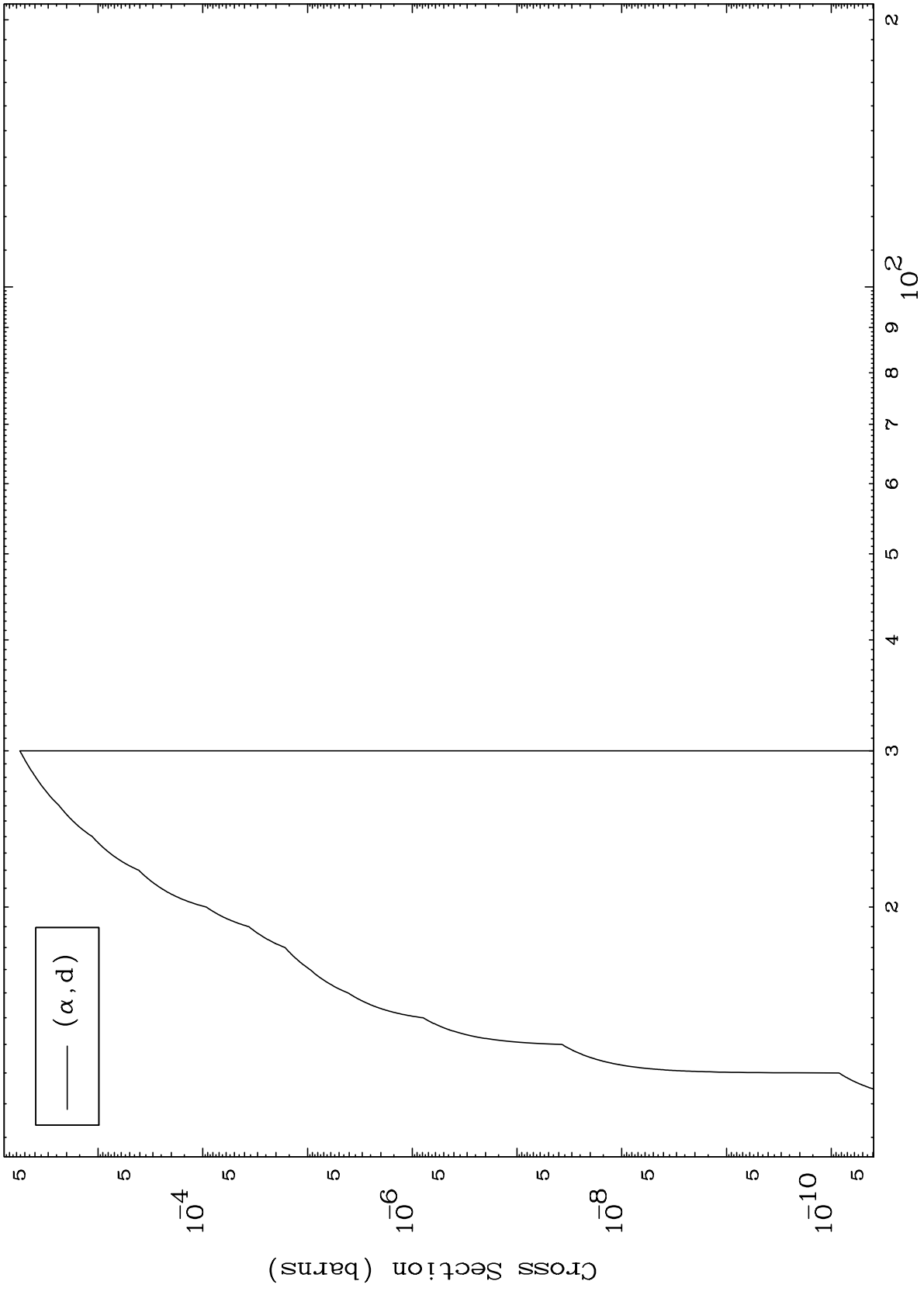
41-Nb-91

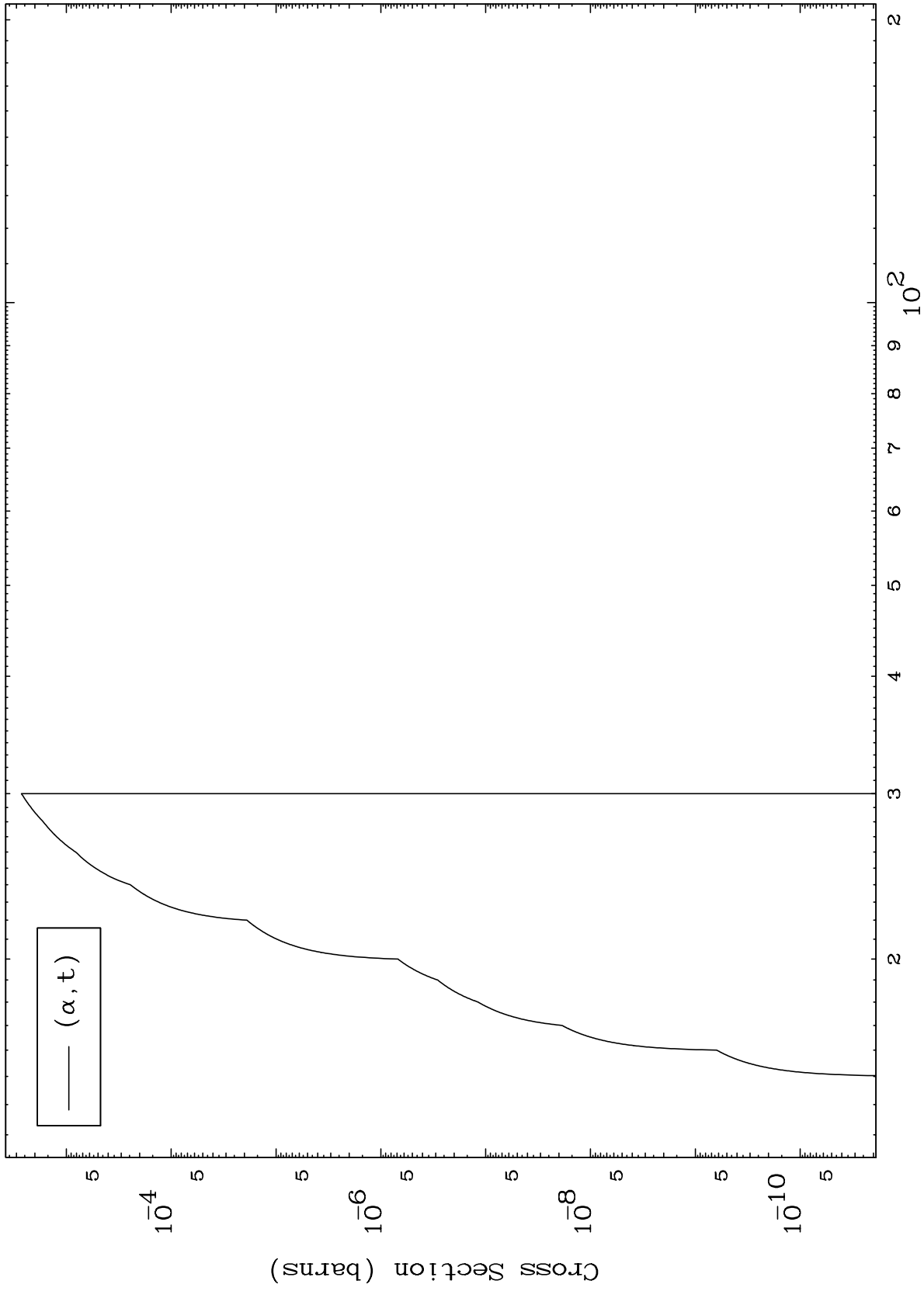


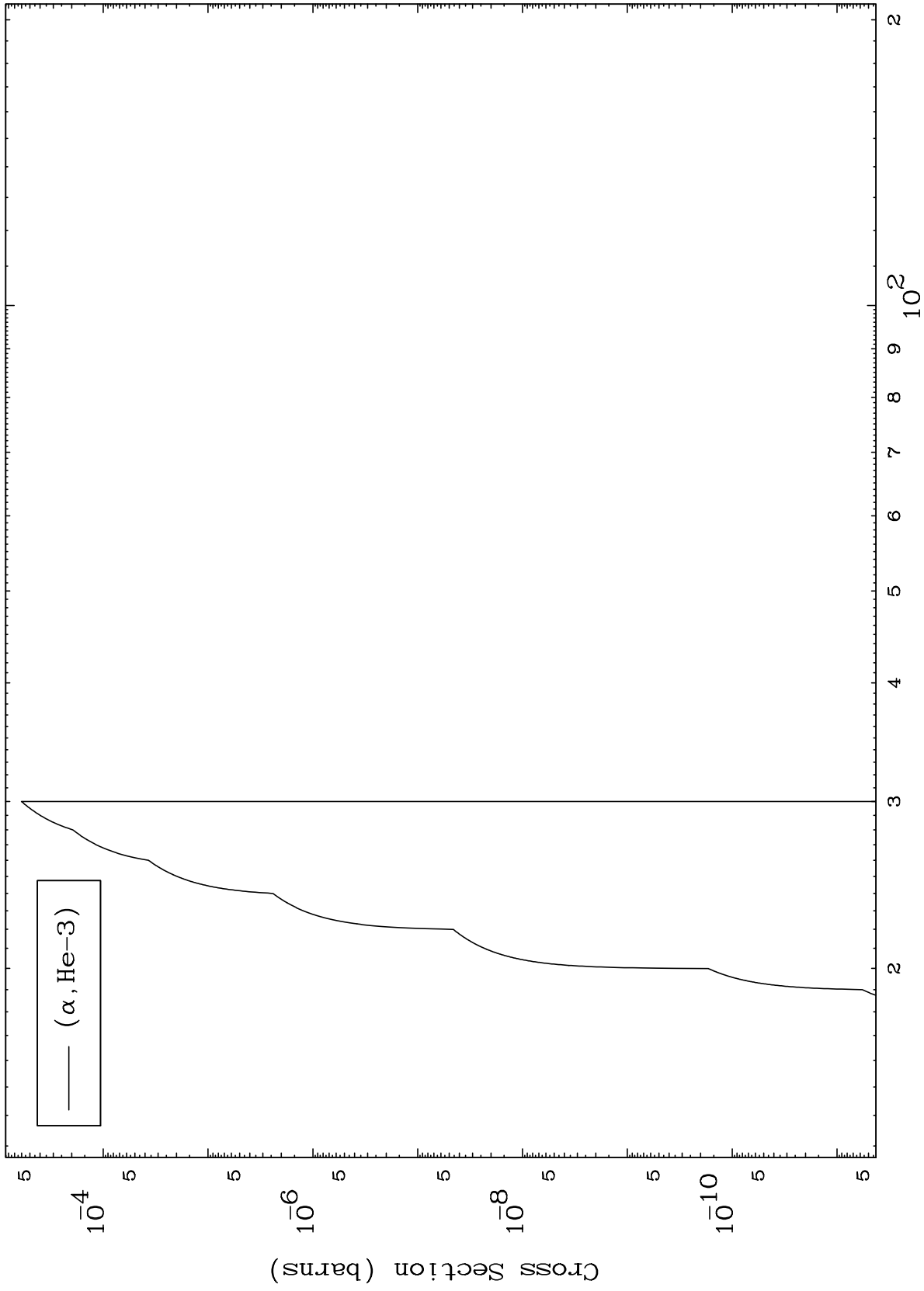
6

Incident Energy (MeV)

41-Nb-91



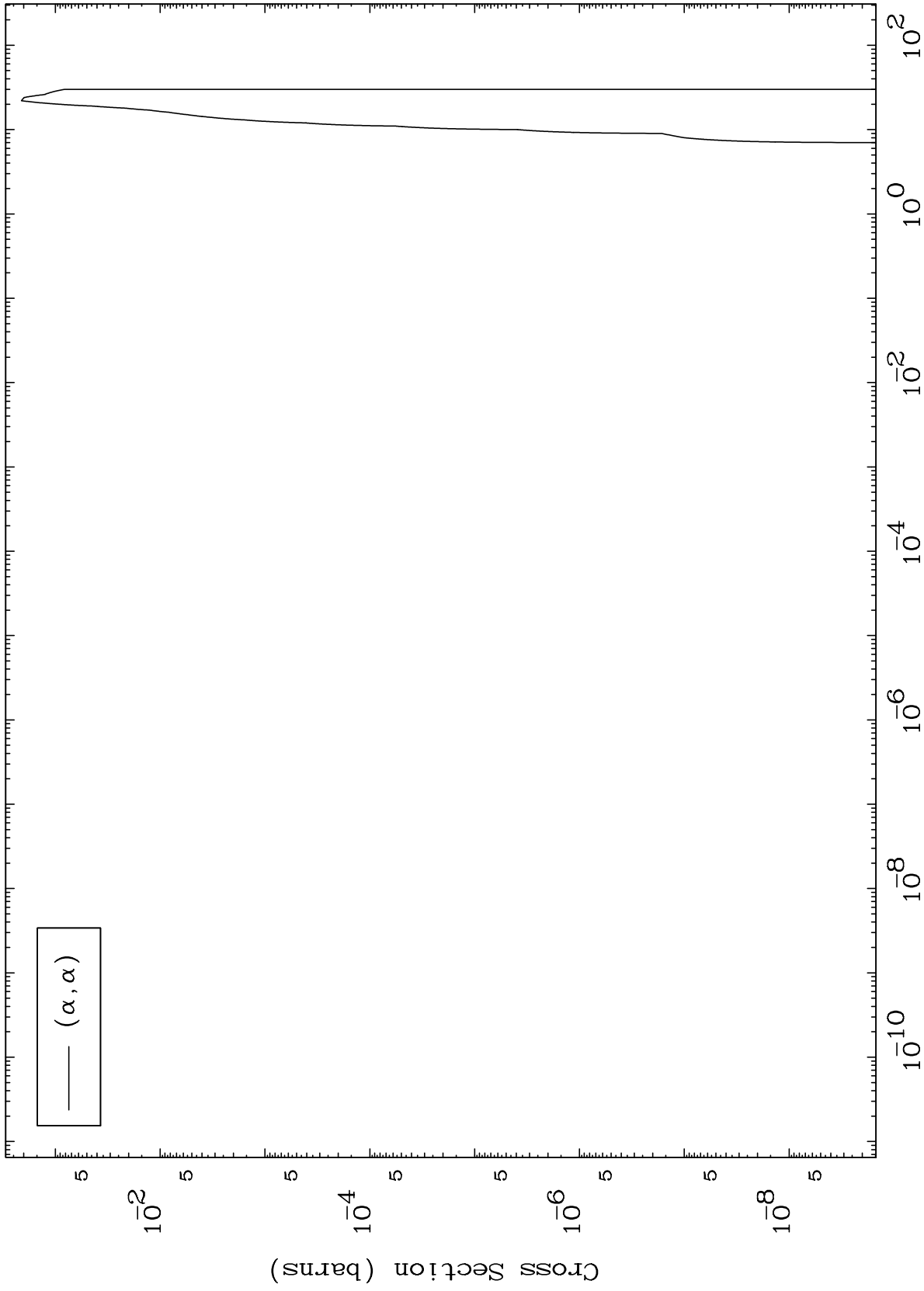




MAT 4120

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-91



10

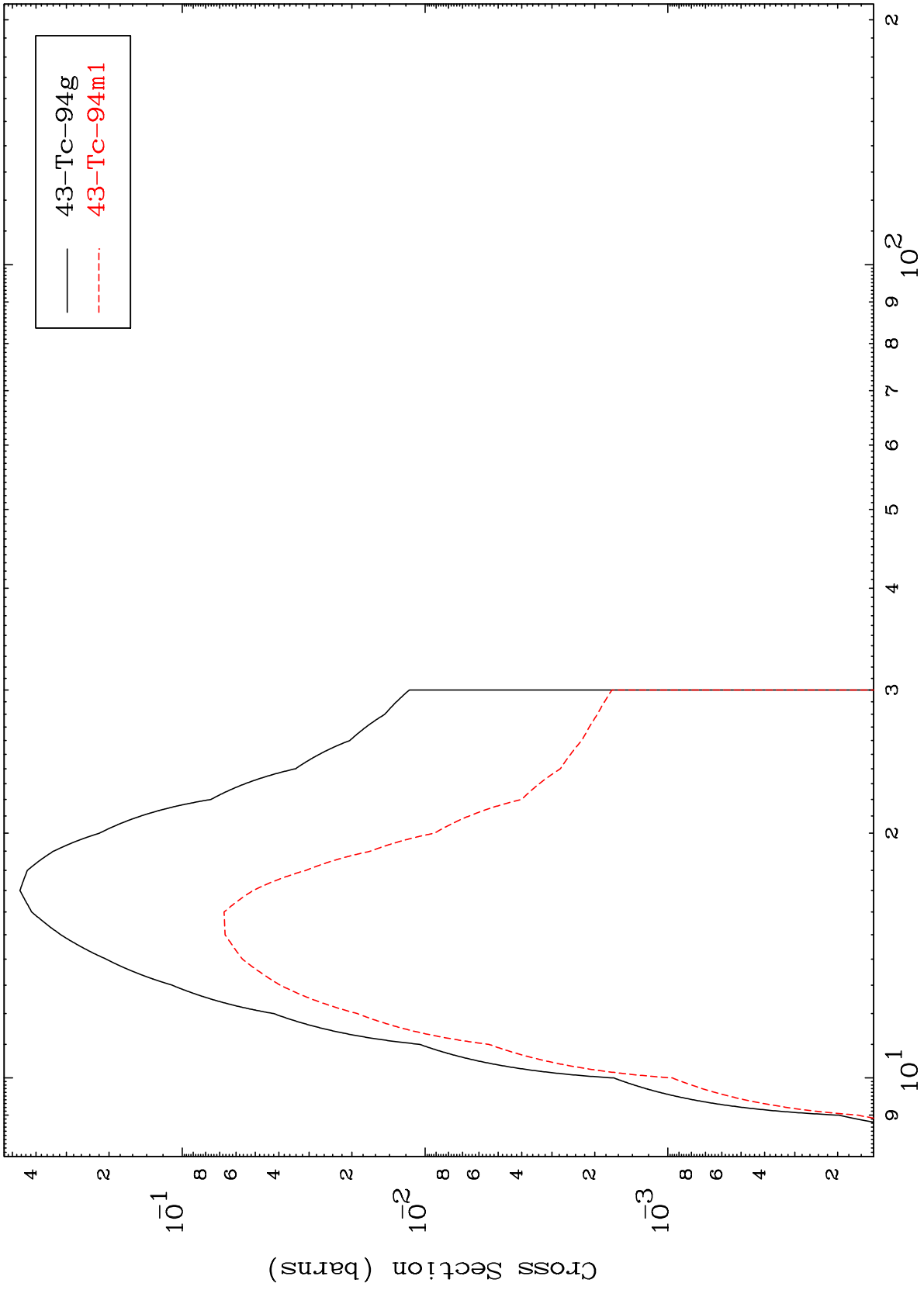
Incident Energy (MeV)

41-Nb-91

MAT 4120

α Inelastic
Radionuclide Production Cross Section

41-Nb-91



11

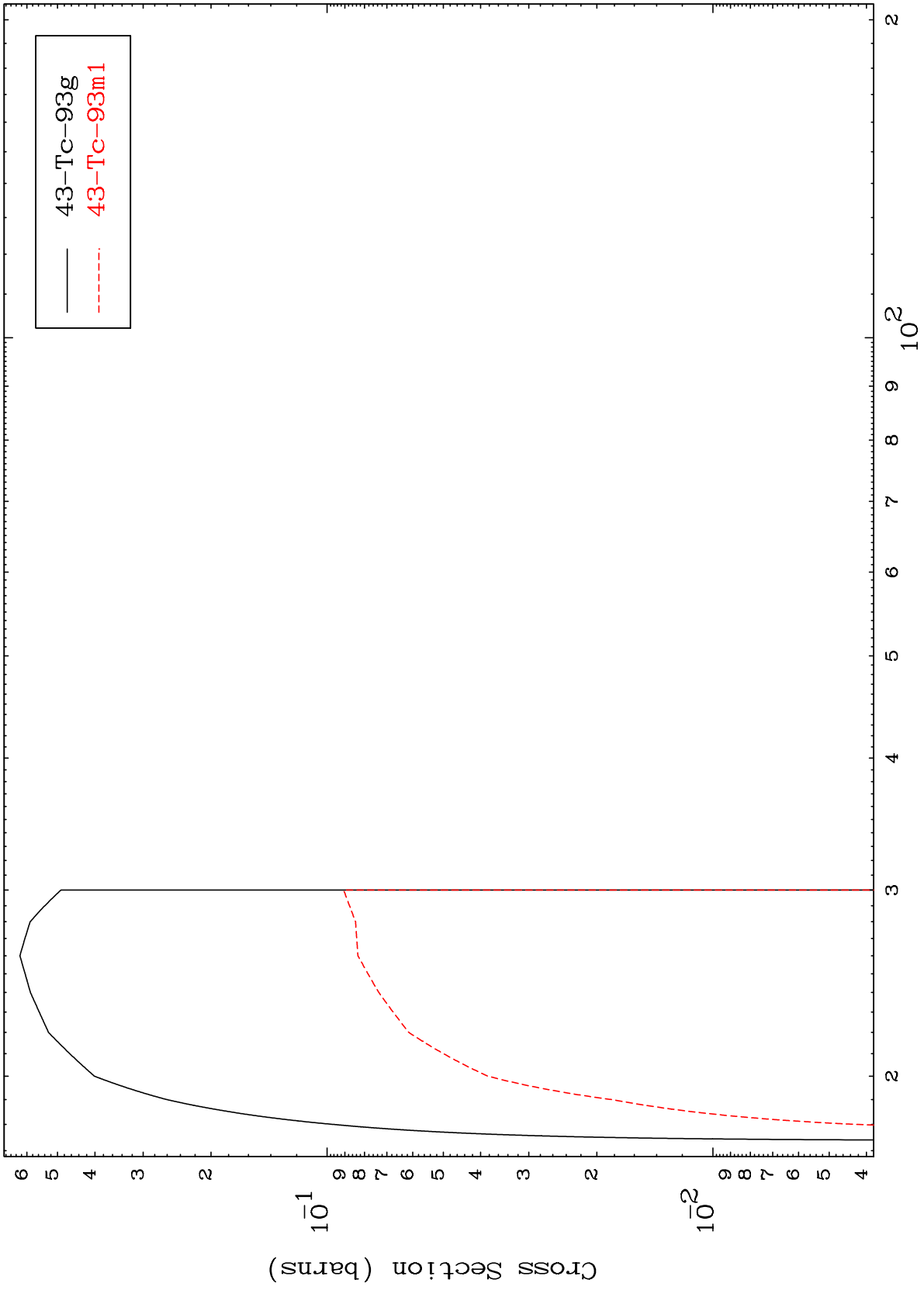
Incident Energy (MeV)

41-Nb-91

MAT 4120

41-Nb-91

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



12

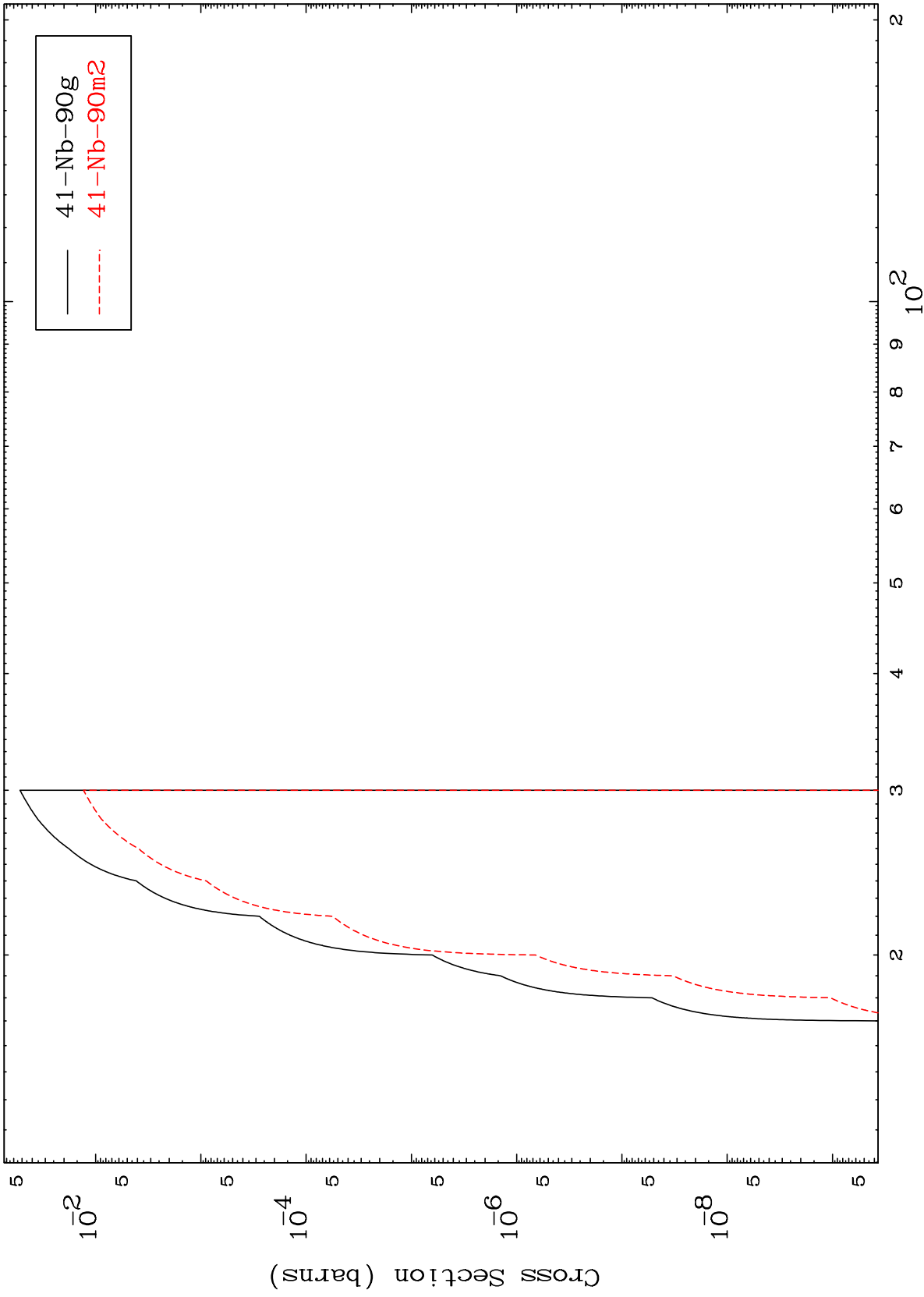
41-Nb-91

MAT 4120

(α, n') α

41-Nb-91

Radionuclide Production Cross Section



13

Incident Energy (MeV)

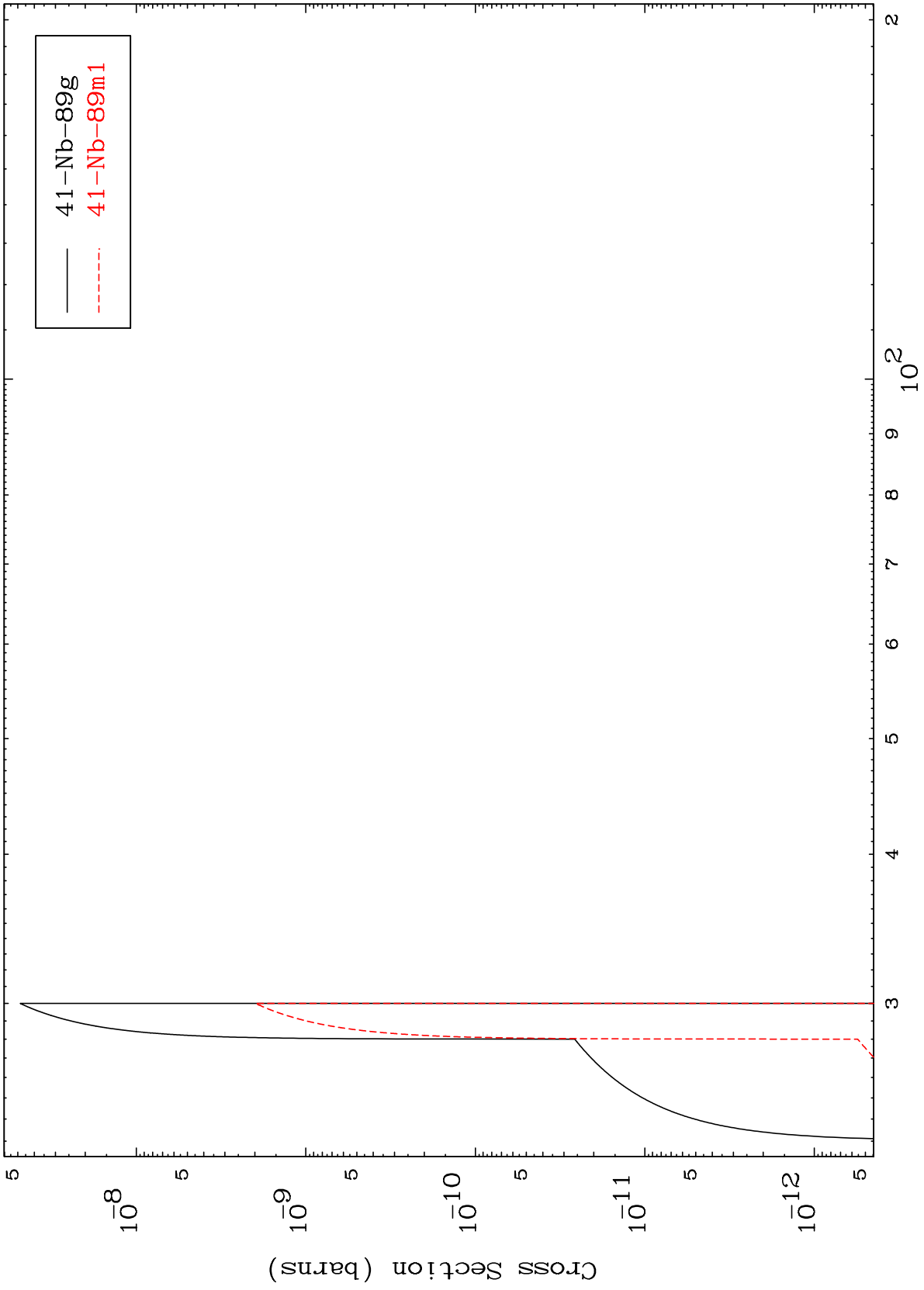
41-Nb-91

MAT 4120

($\alpha, 2n$) α

41-Nb-91

Radionuclide Production Cross Section



14

Incident Energy (MeV)

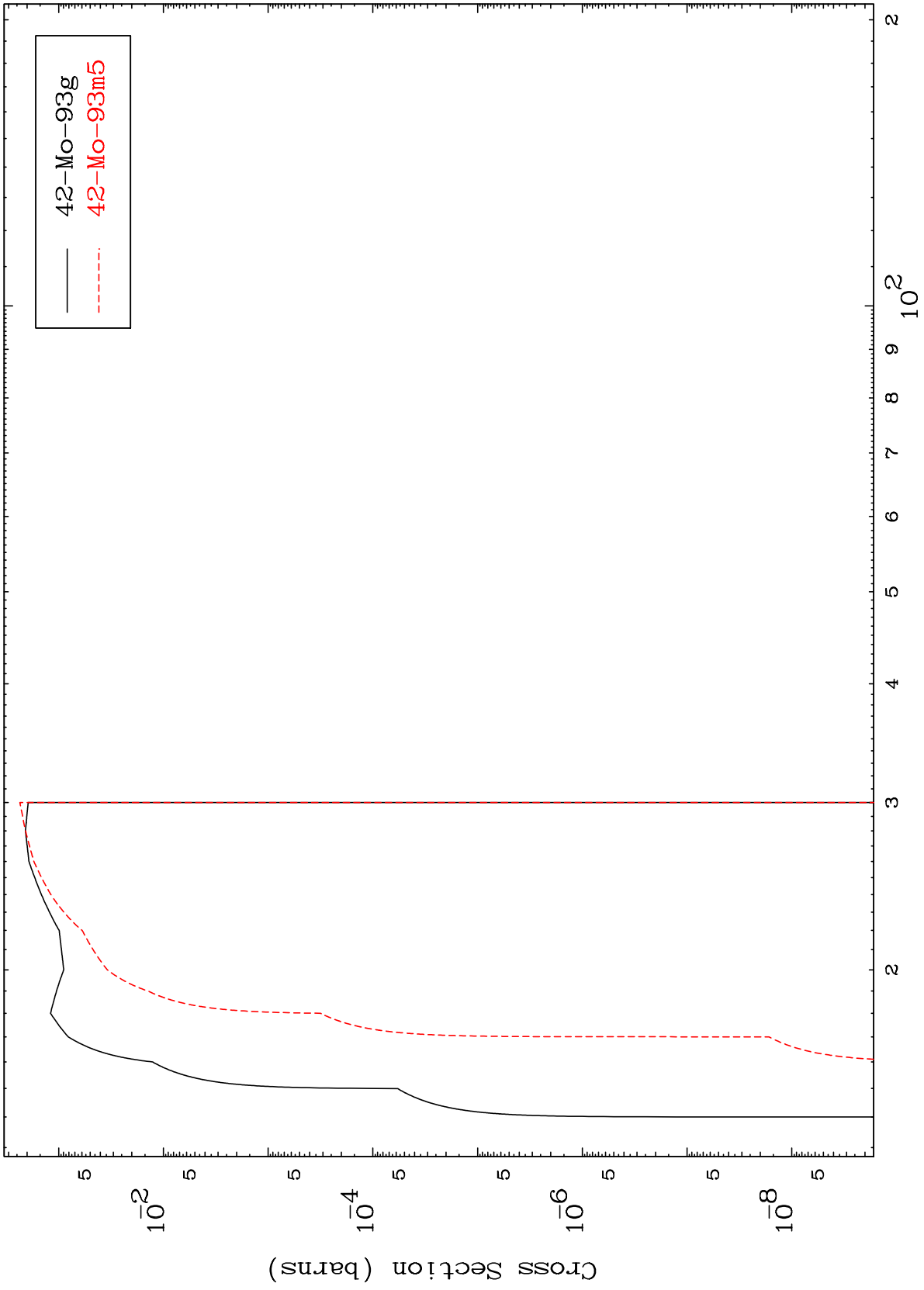
41-Nb-91

MAT 4120

(α, n') p

41-Nb-91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

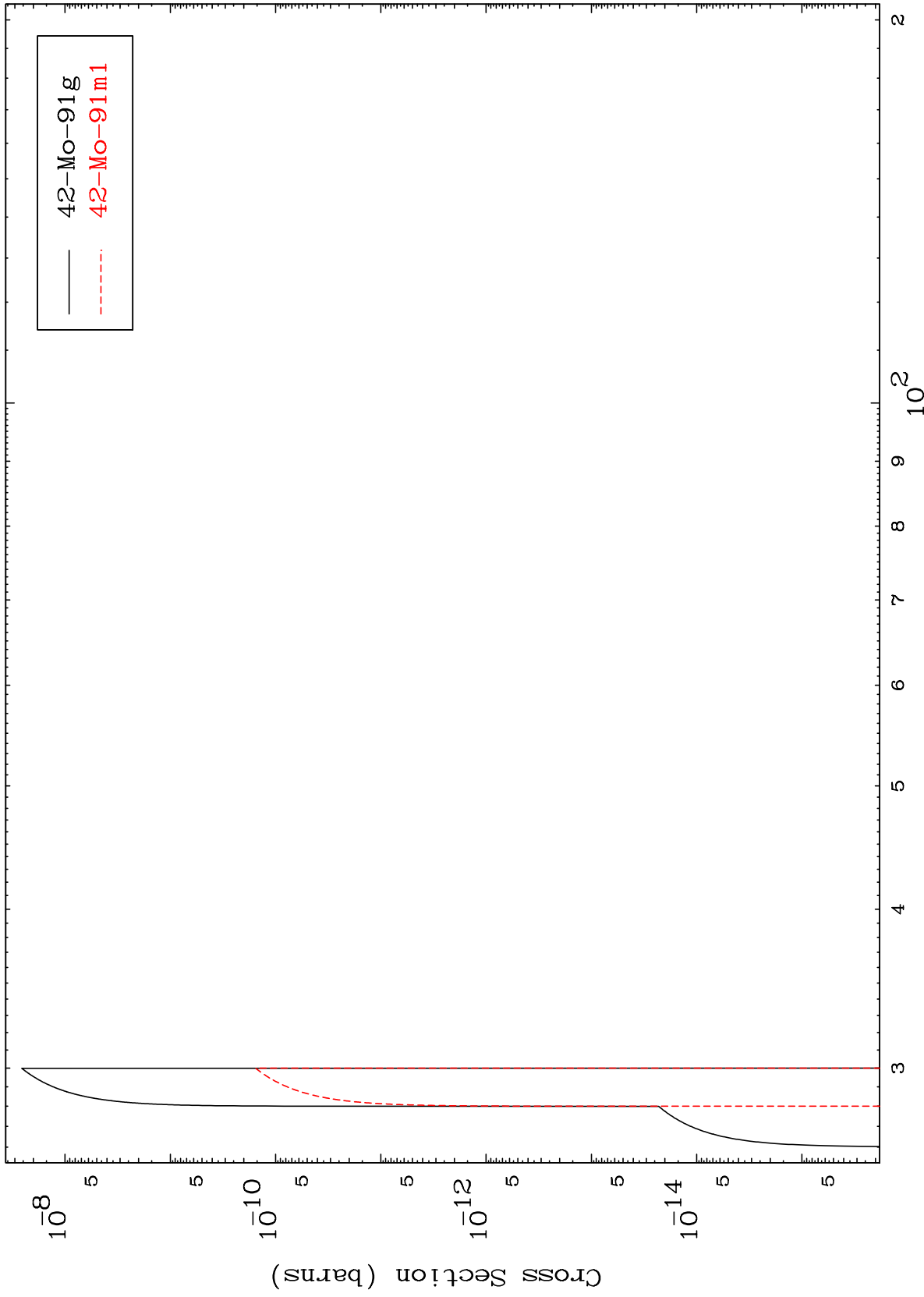
41-Nb-91

MAT 4120

(α, n') t

41-Nb-91

Radionuclide Production Cross Section



16

Incident Energy (MeV)

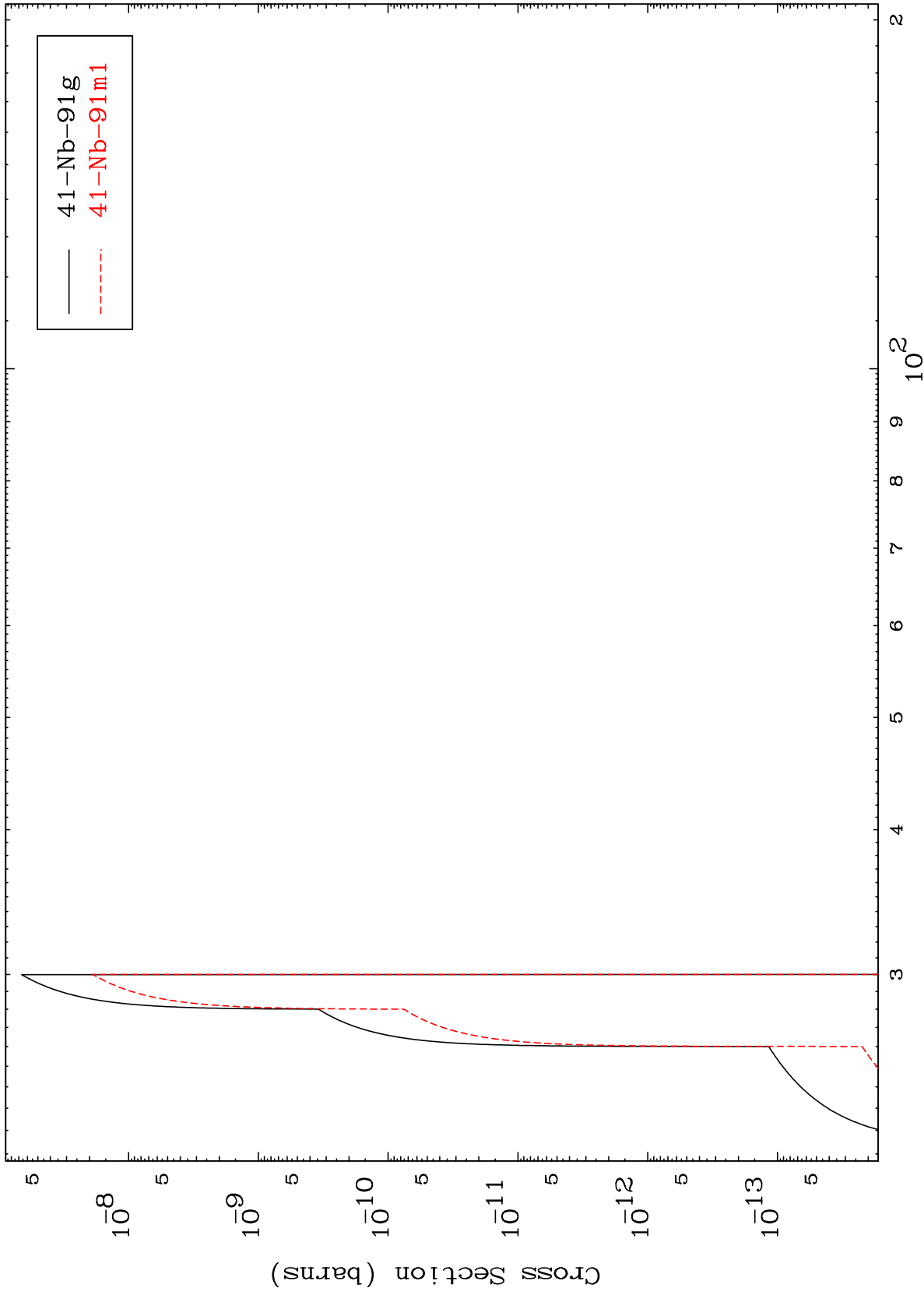
41-Nb-91

MAT 4120

(α, n') He-3

41-Nb-91

Radionuclide Production Cross Section



17

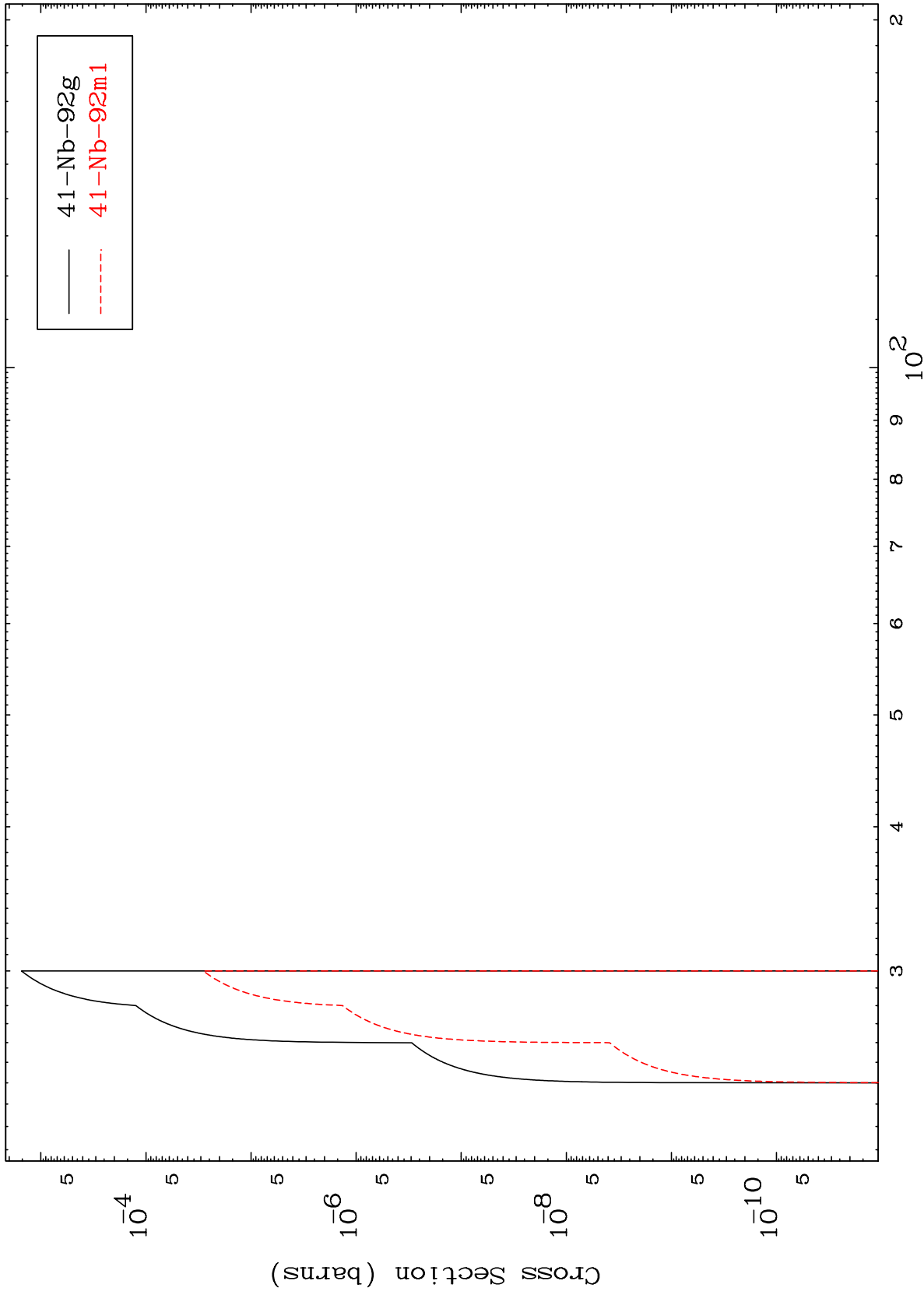
Incident Energy (MeV)

41-Nb-91

MAT 4120

41-Nb-91

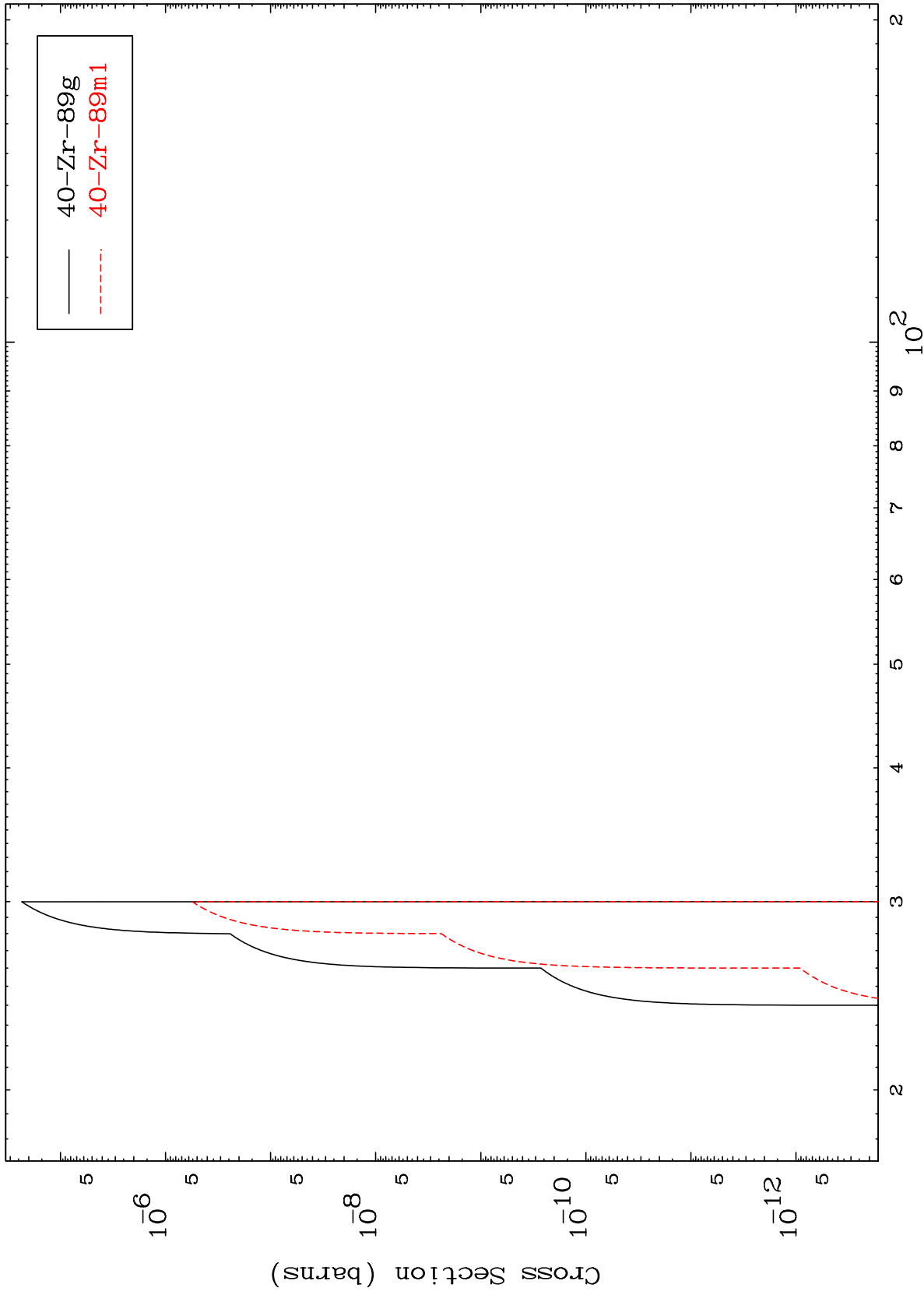
($\alpha, 2n$) p
Radionuclide Production Cross Section



18

41-Nb-91

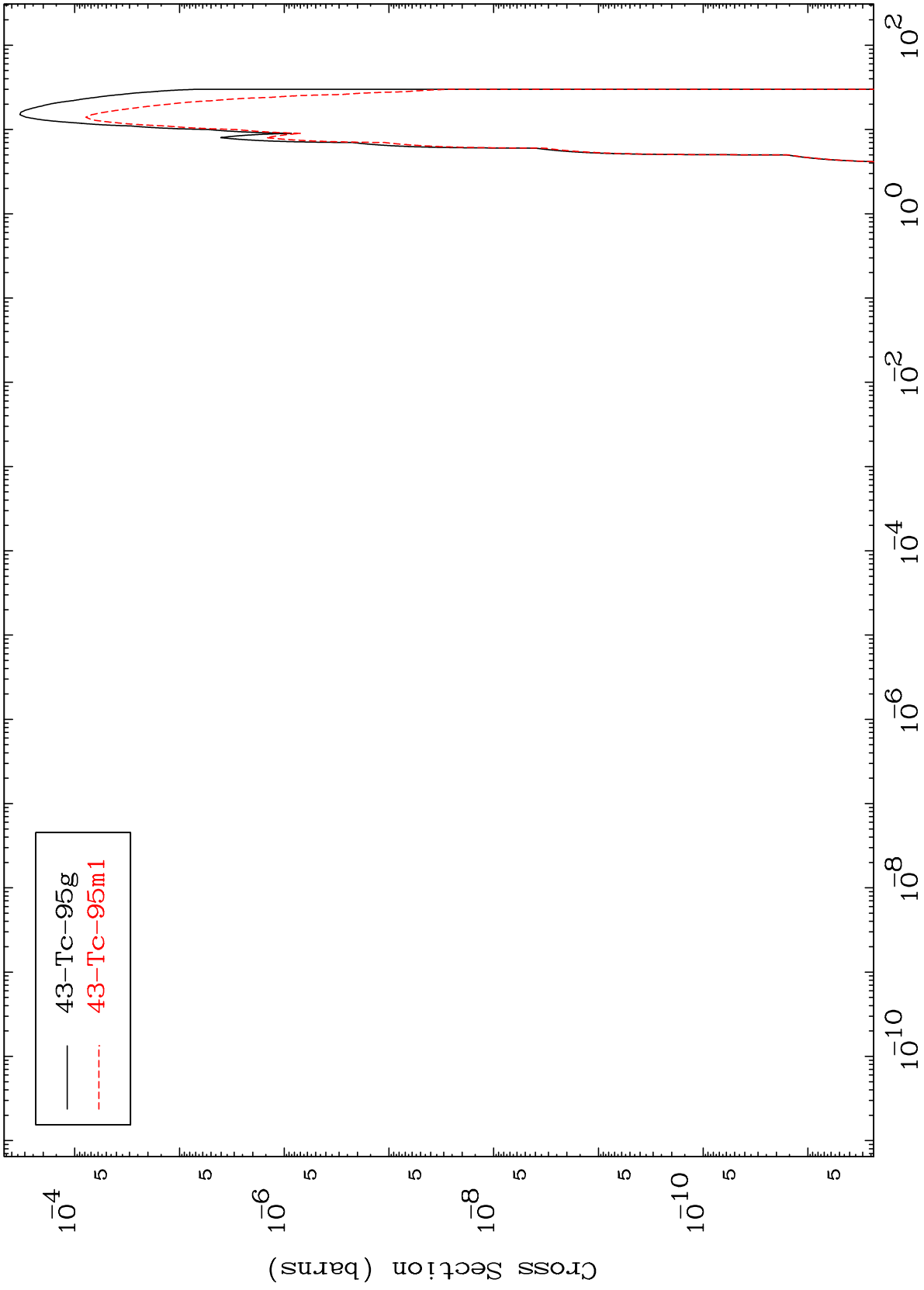
Radionuclide Production Cross Section



MAT 4120

Radionuclide Production Cross Section
(α, γ)

41-Nb-91

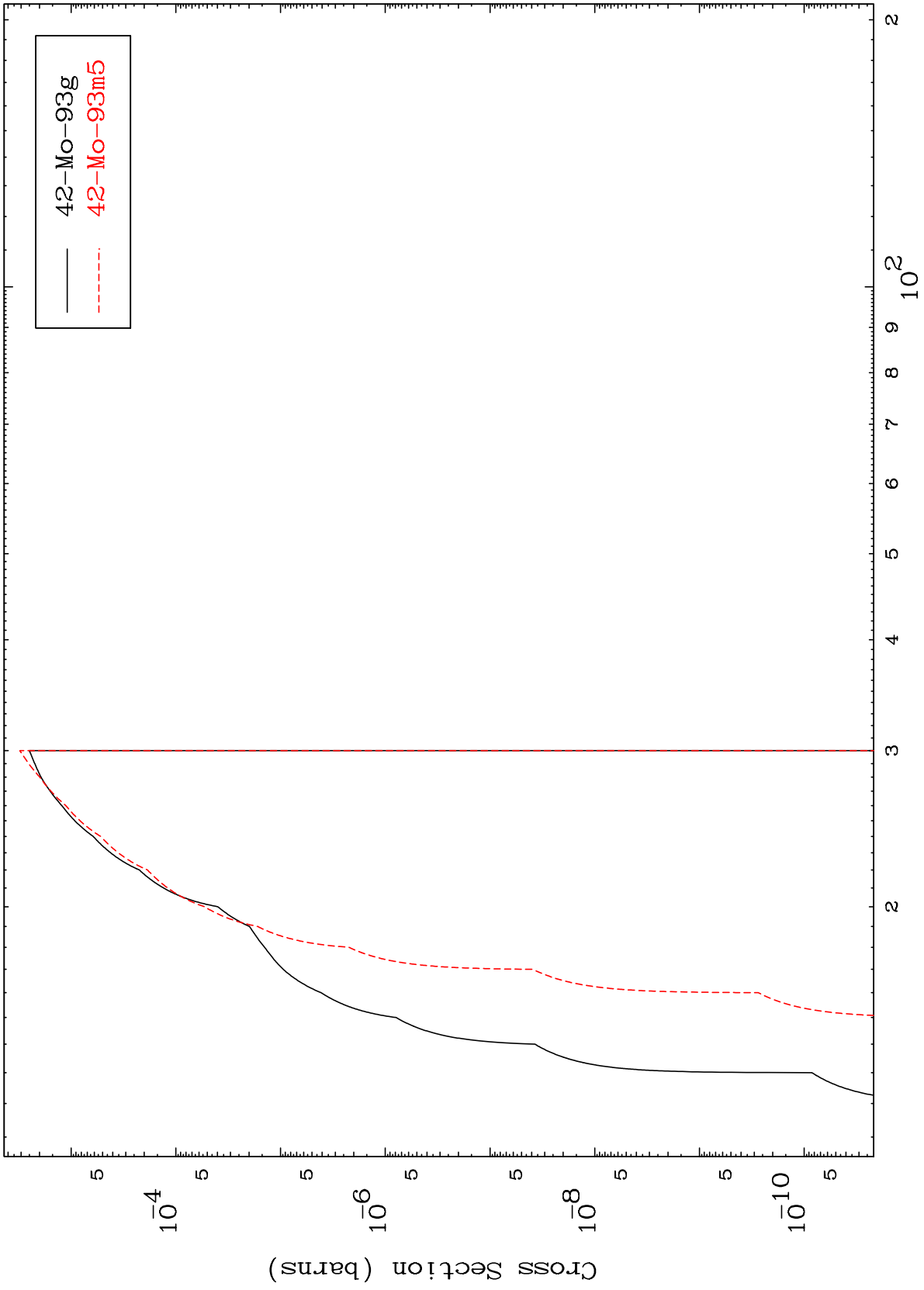


20

Incident Energy (MeV)

41-Nb-91

Radionuclide Production Cross Section

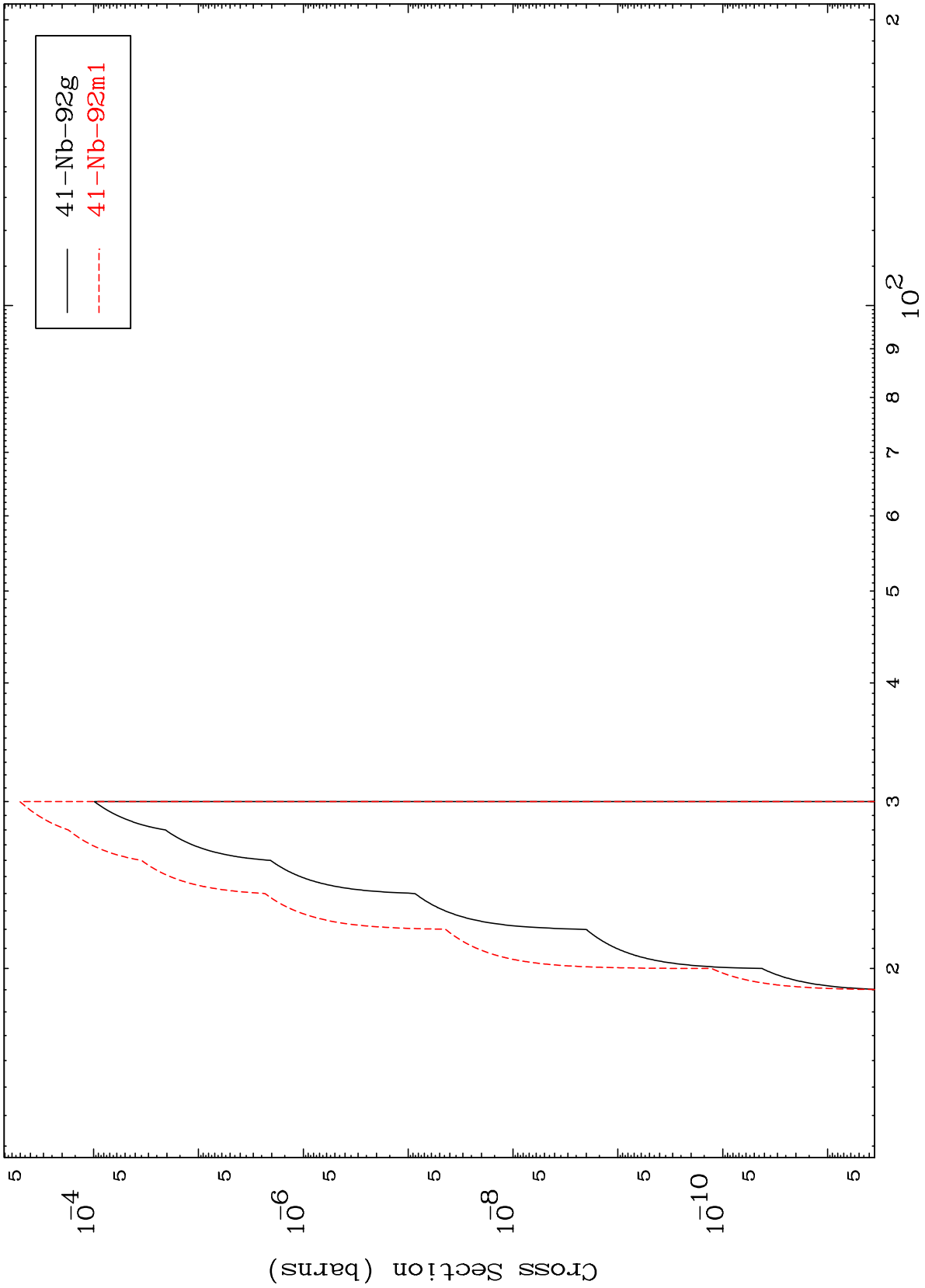


MAT 4120

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

41-Nb-91

Radionuclide Production Cross Section



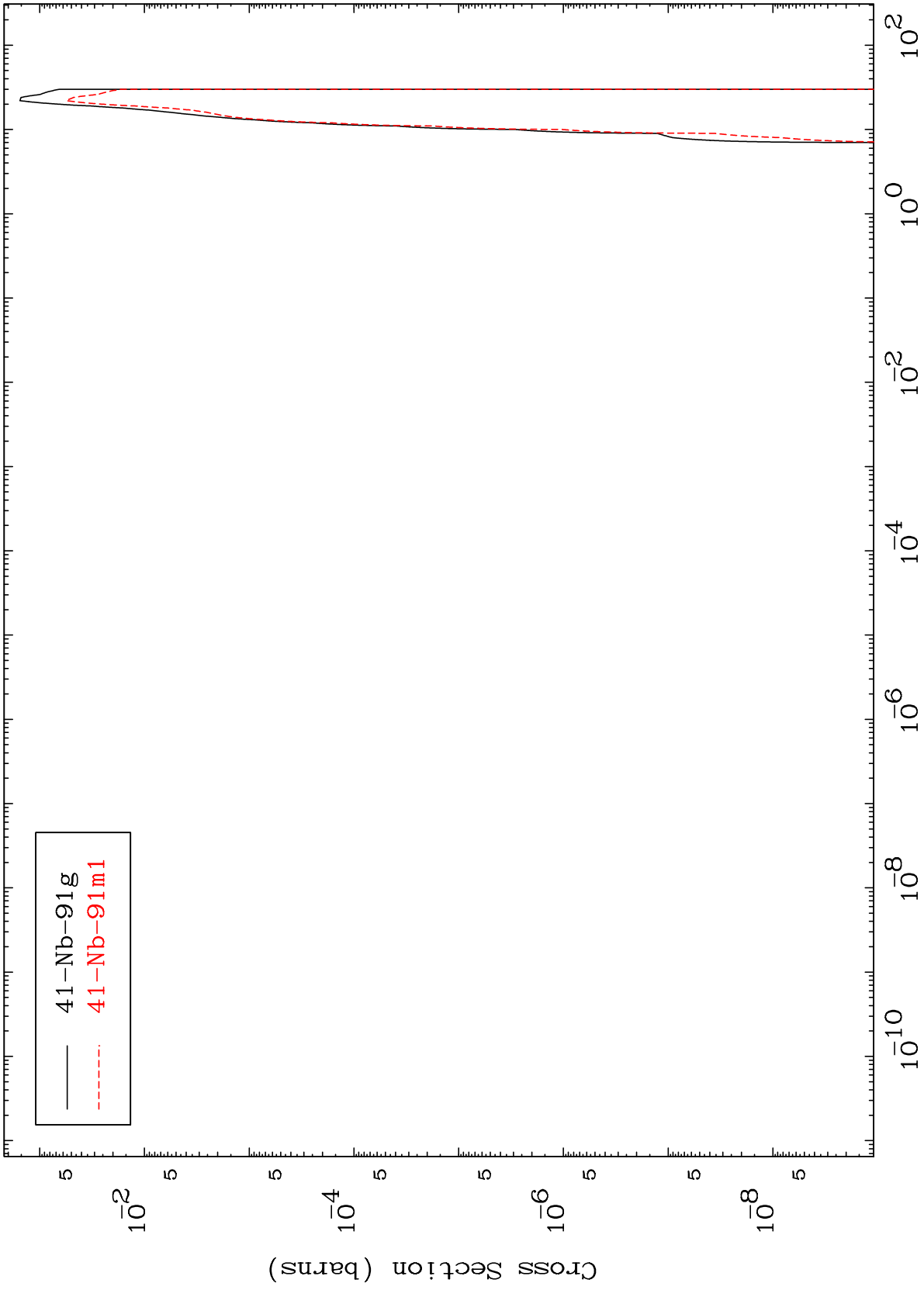
22

41-Nb-91

MAT 4120

Radionuclide Production Cross Section
(α, α)

41-Nb-91



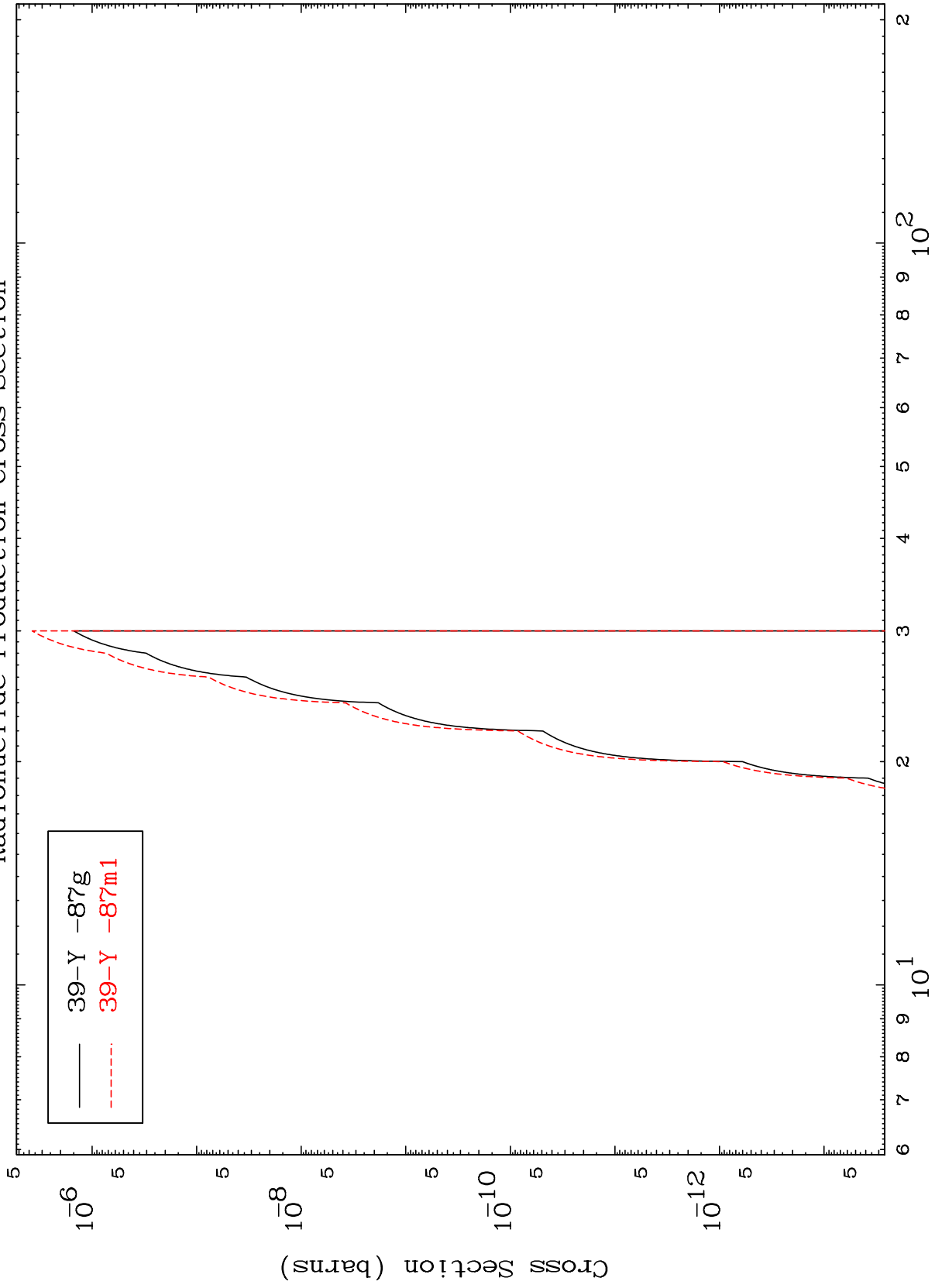
23

41-Nb-91

MAT 4120

41-Nb-91

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



39-Y-87g
39-Y-87m1

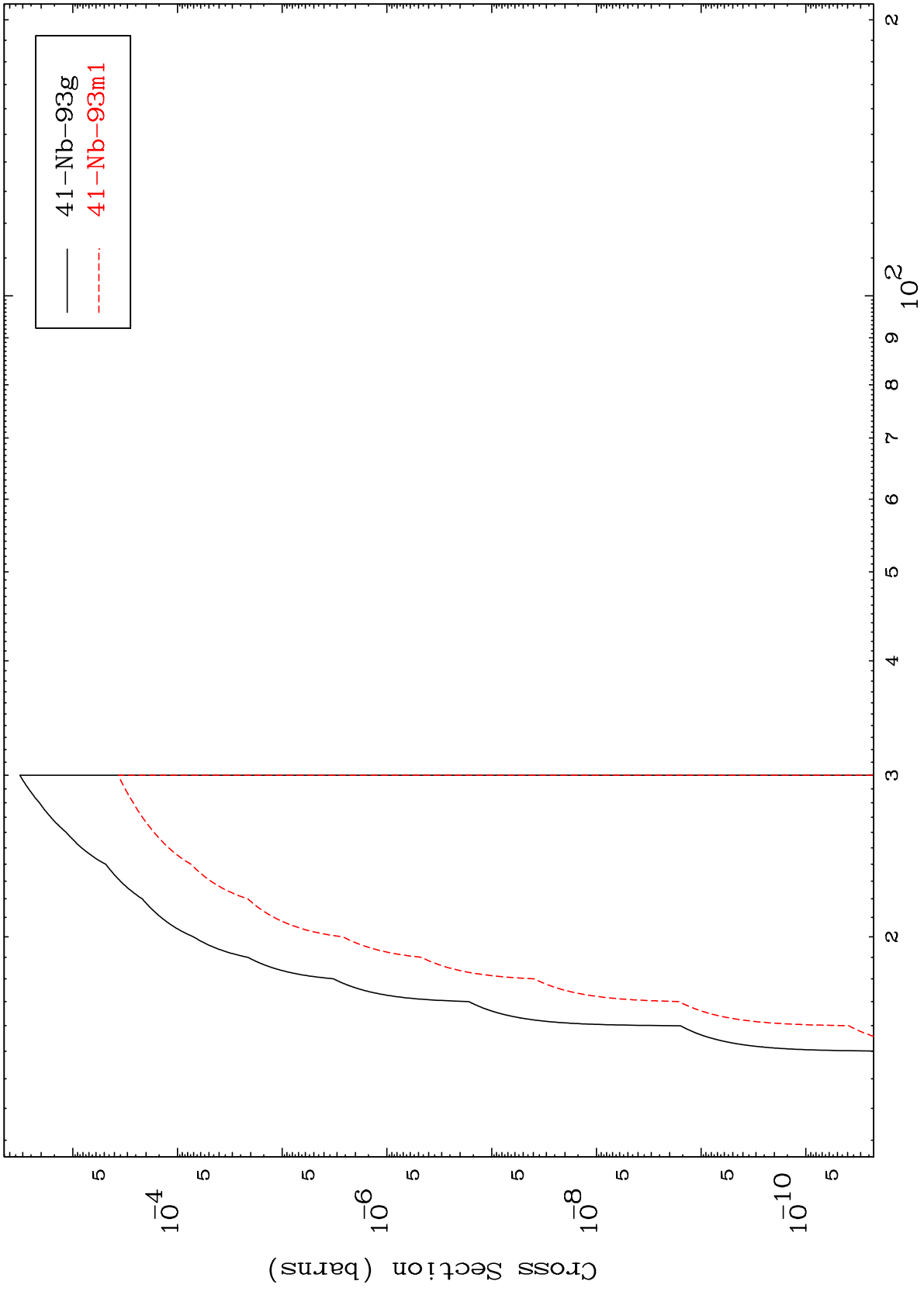
24

41-Nb-91

MAT 4120

41-Nb-91

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



25

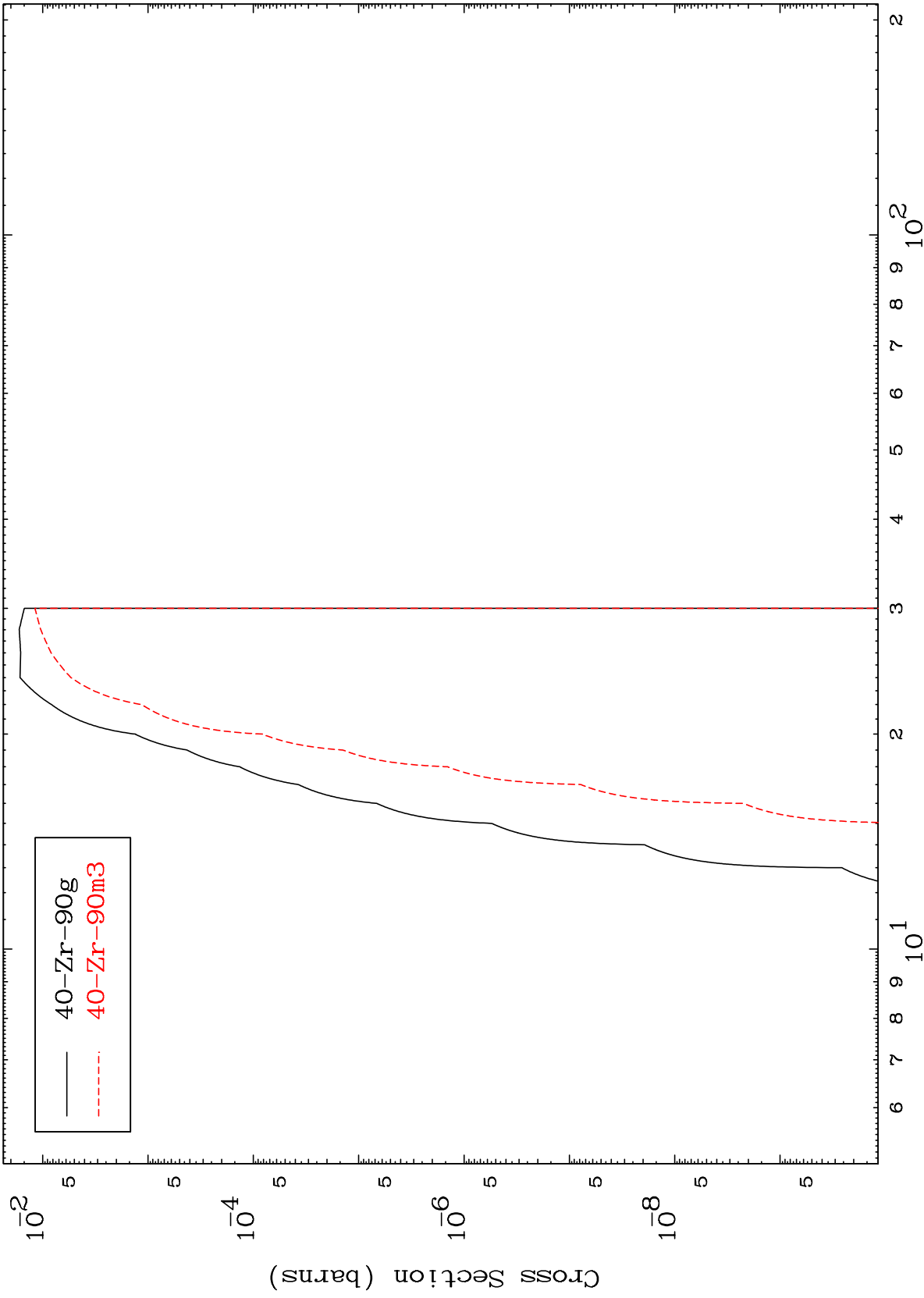
41-Nb-91

MAT 4120

(α, p) α

41-Nb-91

Radionuclide Production Cross Section



26

Incident Energy (MeV)

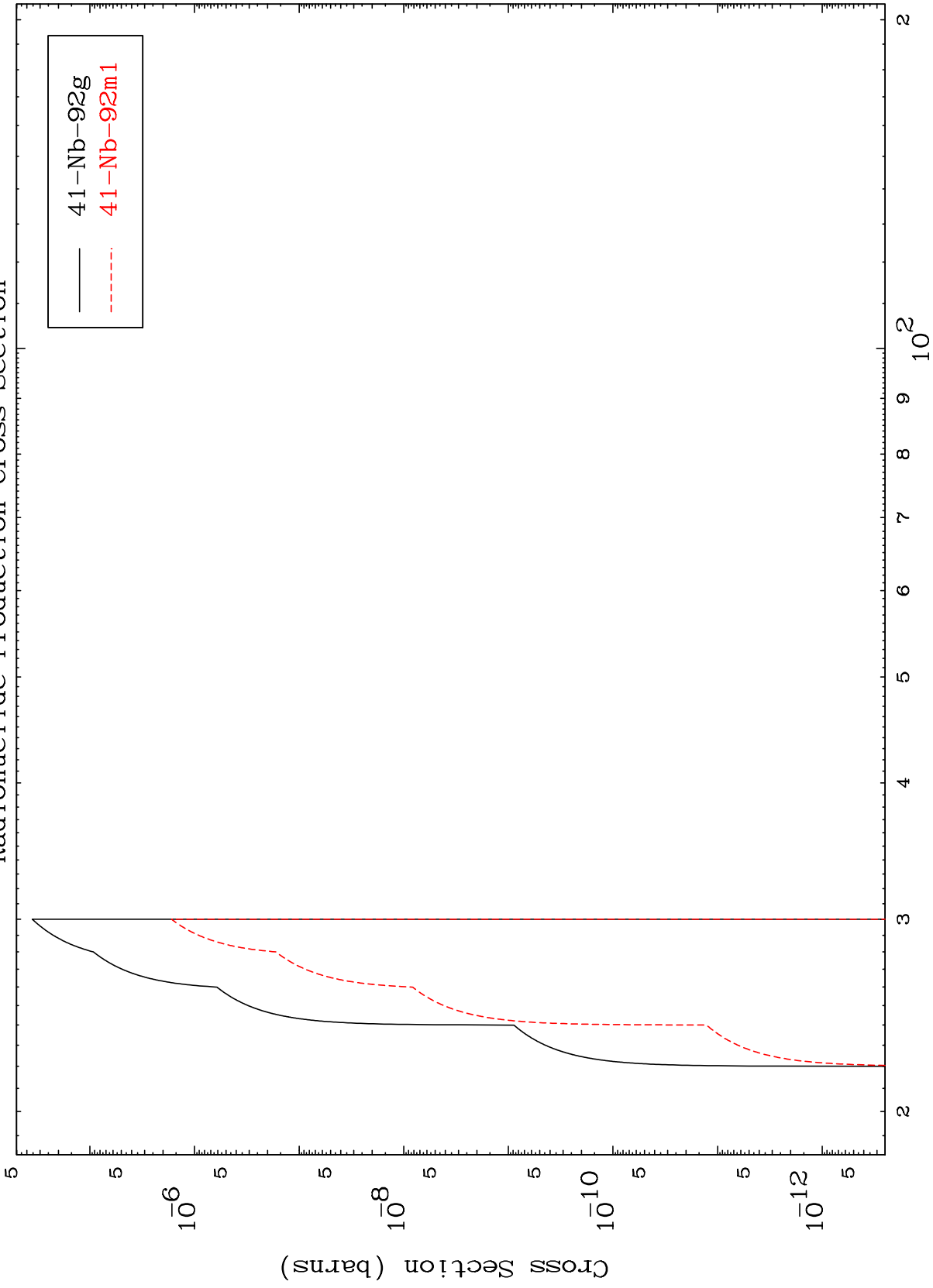
41-Nb-91

MAT 4120

(α, p) d

41-Nb-91

Radionuclide Production Cross Section



27

Incident Energy (MeV)

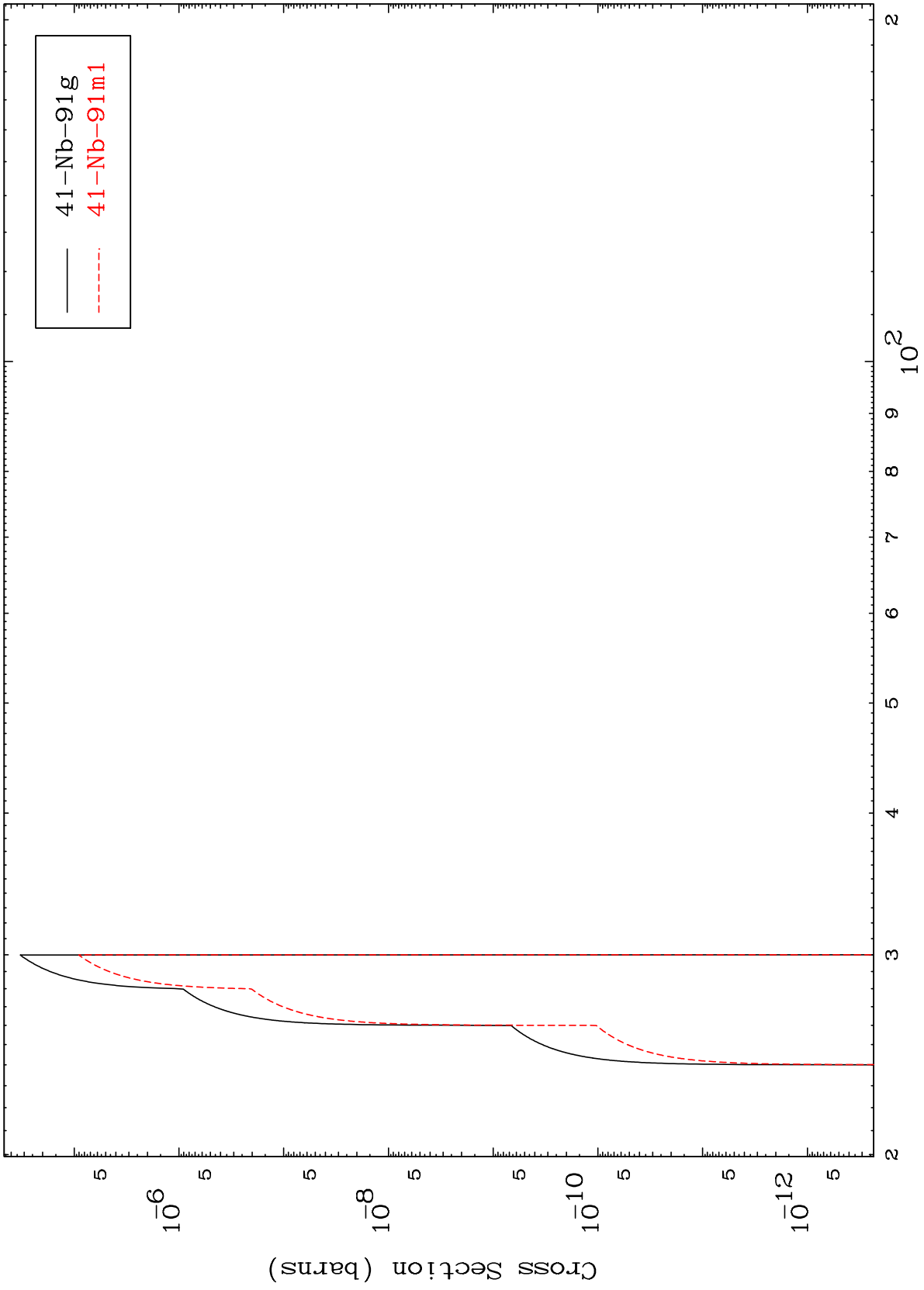
41-Nb-91

MAT 4120

(α, p) t

41-Nb-91

Radionuclide Production Cross Section



28

Incident Energy (MeV)

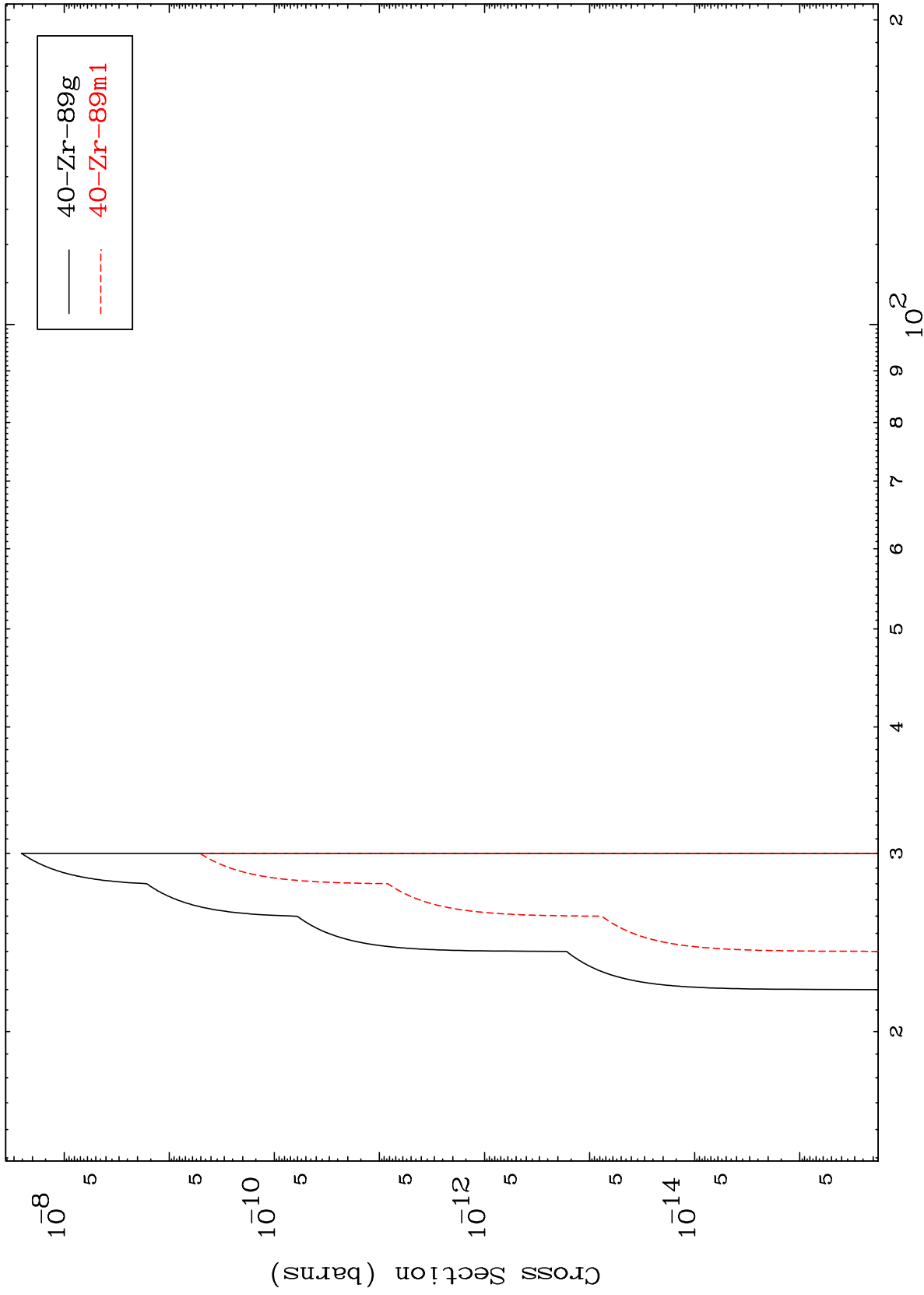
41-Nb-91

MAT 4120

(α, d) α

41-Nb-91

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-91