

Program EVALPLOT
(Version 2018-1)

by

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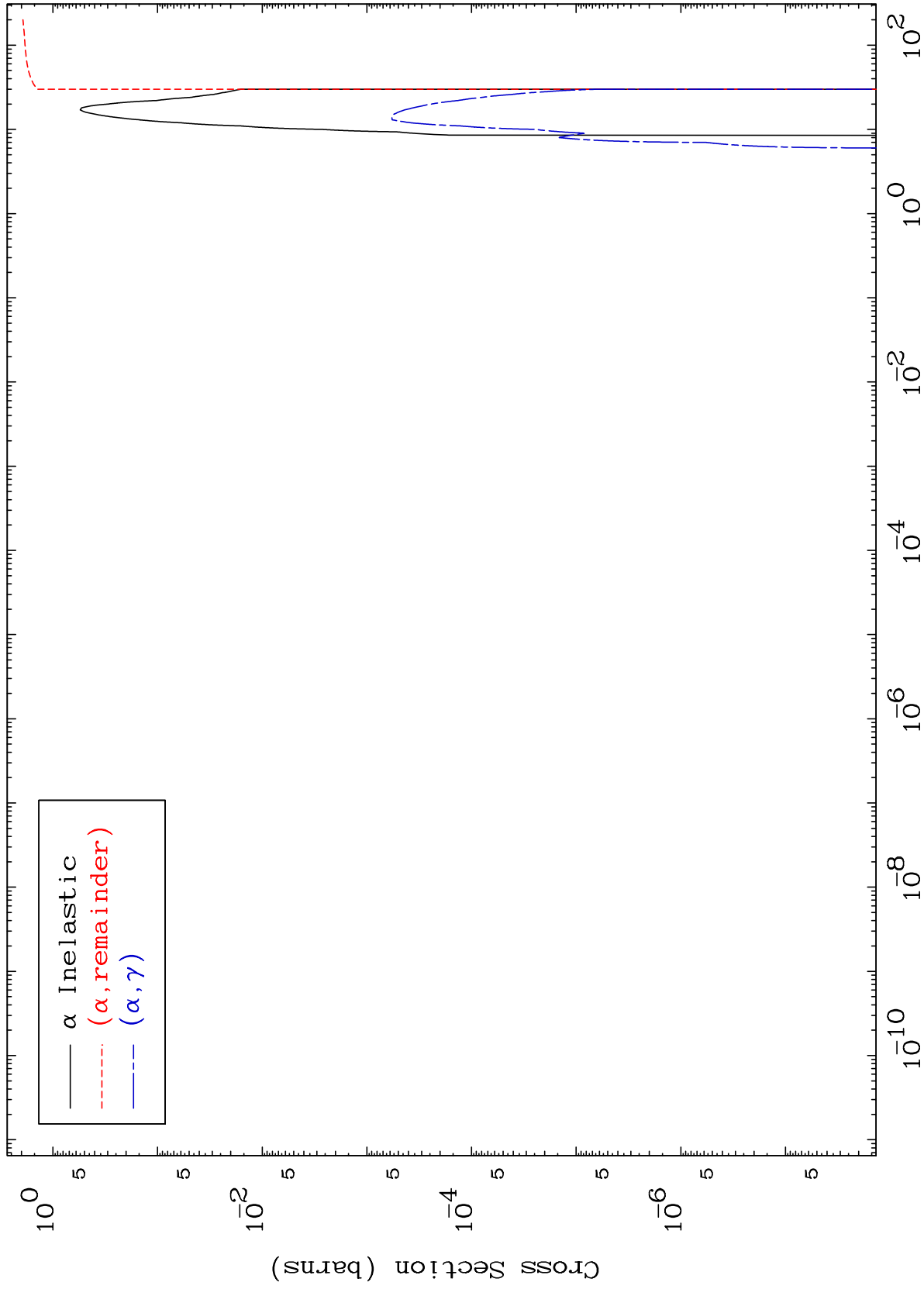
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

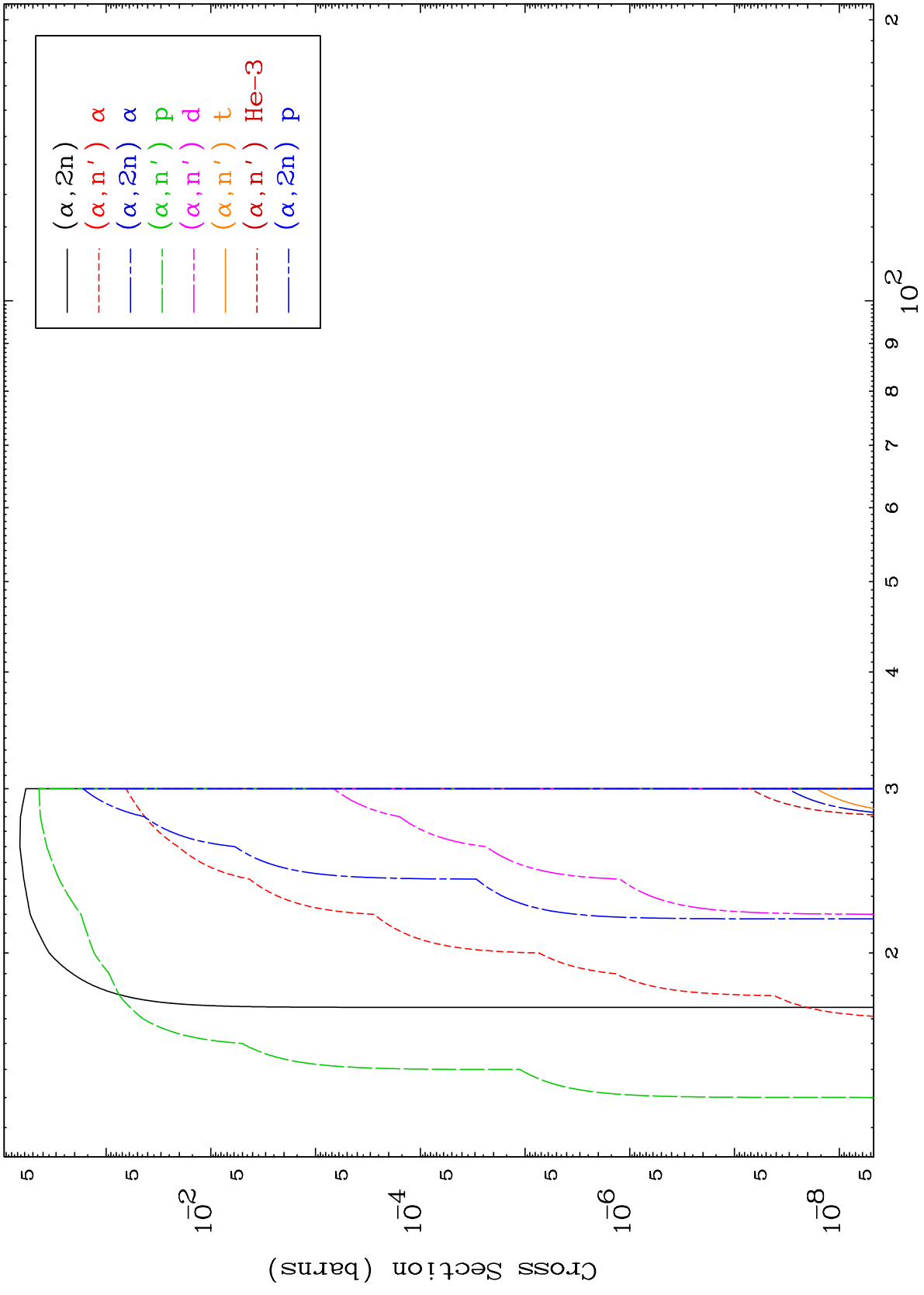
Press Mouse Button to Start

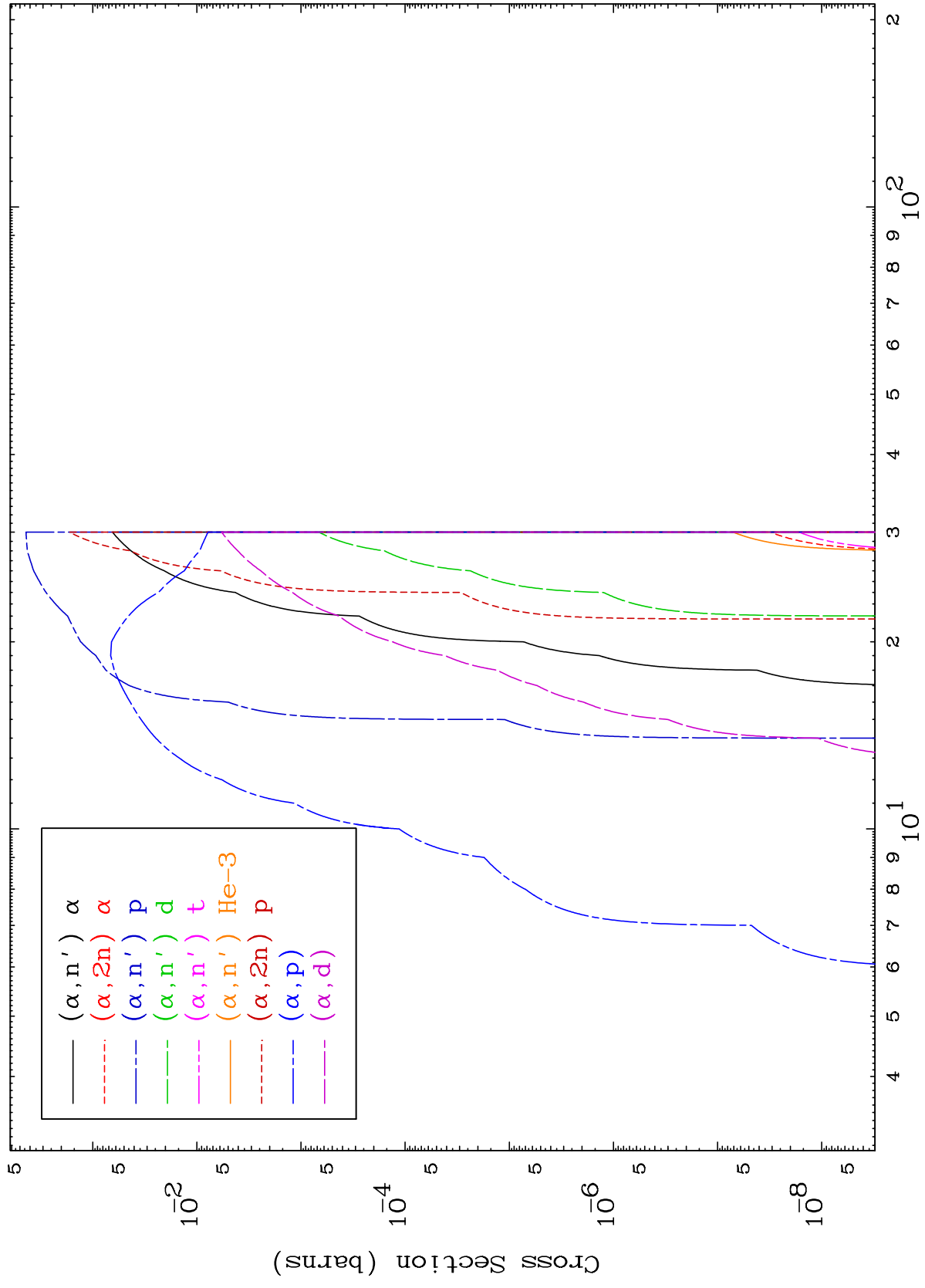
MAT 4119

0 Kelvin α Major
Cross Sections

41-Nb-91



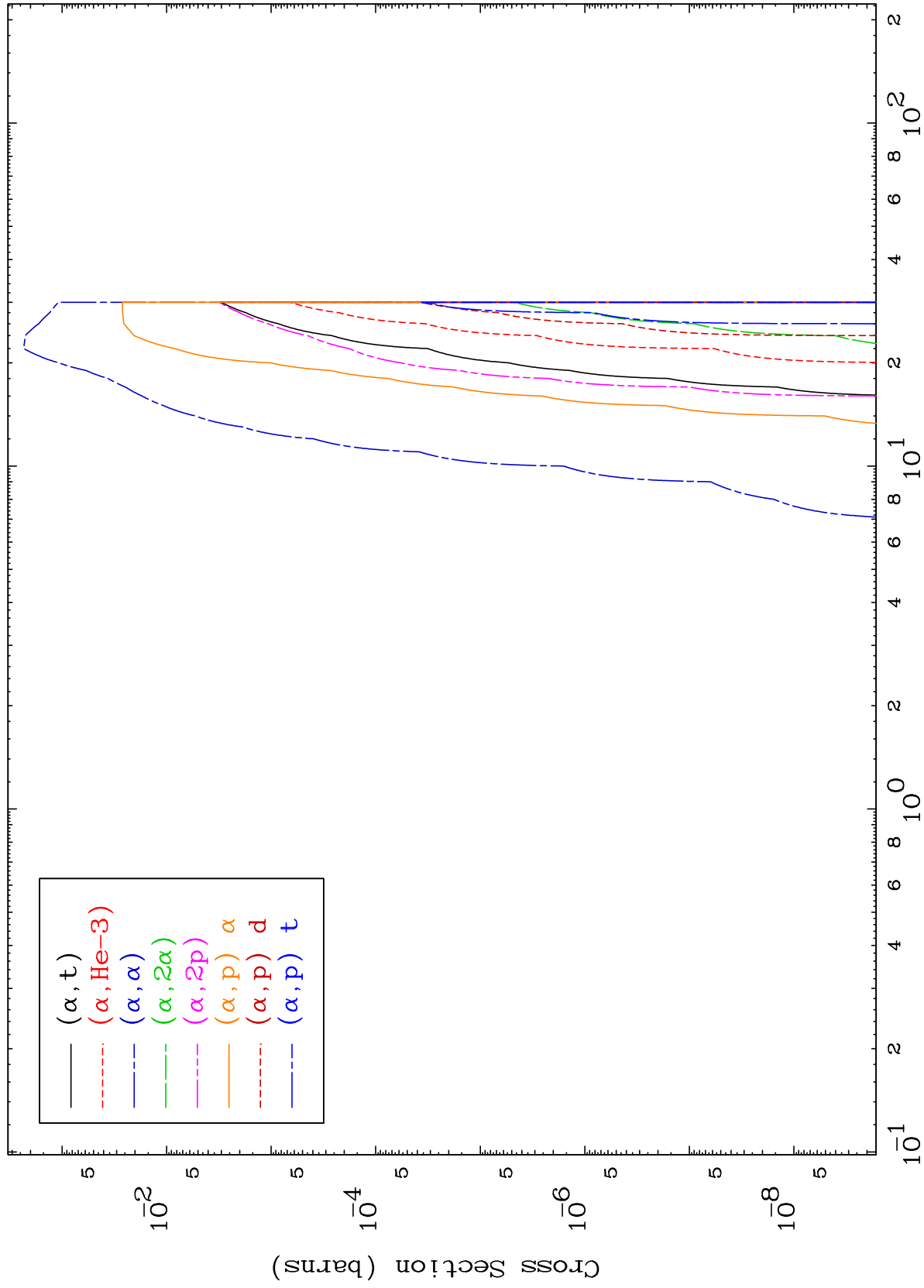




MAT 4119

α Charged Particle
0 Kelvin Cross Sections

41-Nb-91



4

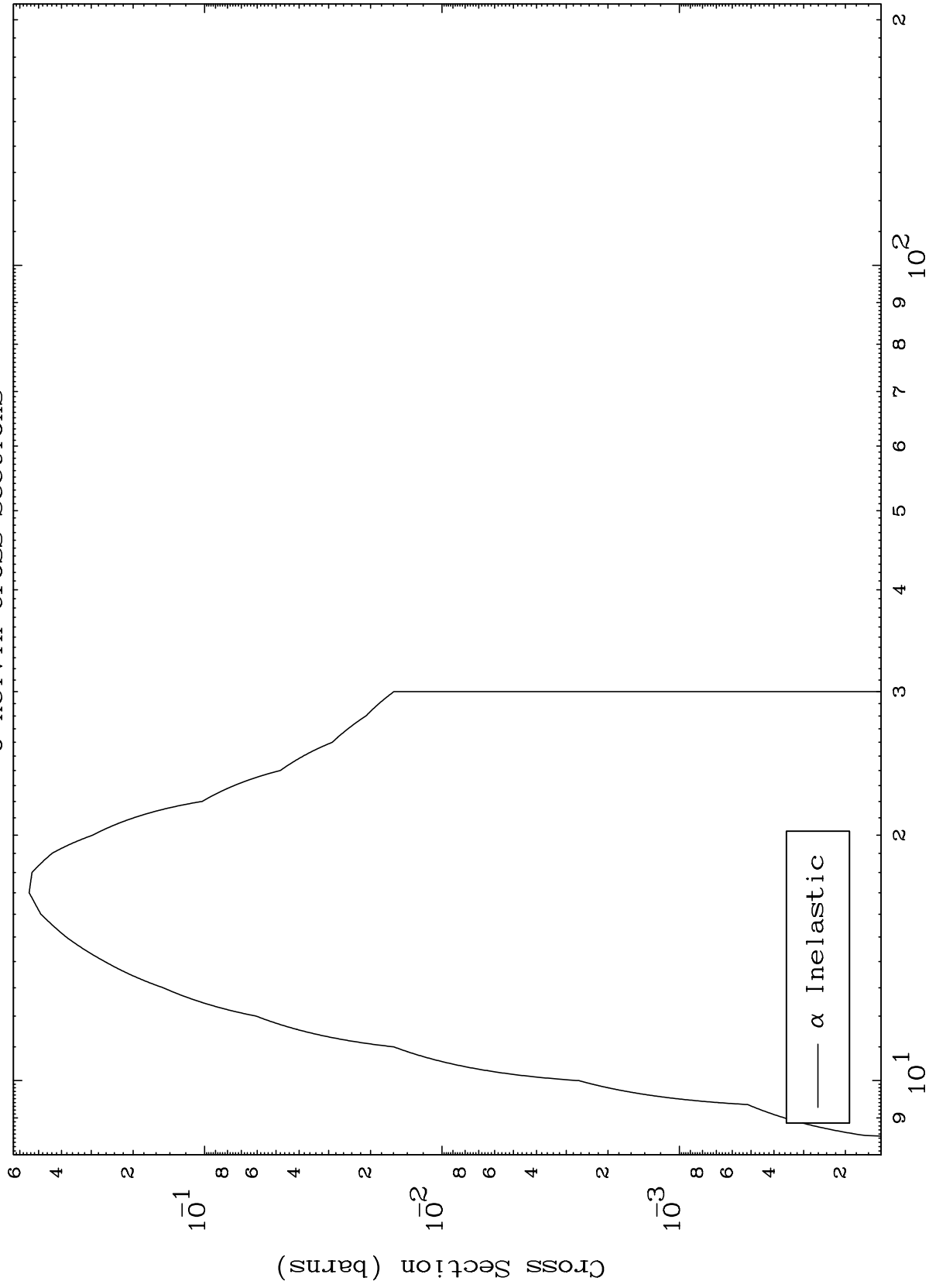
Incident Energy (MeV)

41-Nb-91

MAT 4119

(α, n') Level
0 Kelvin Cross Sections

41-Nb-91



5

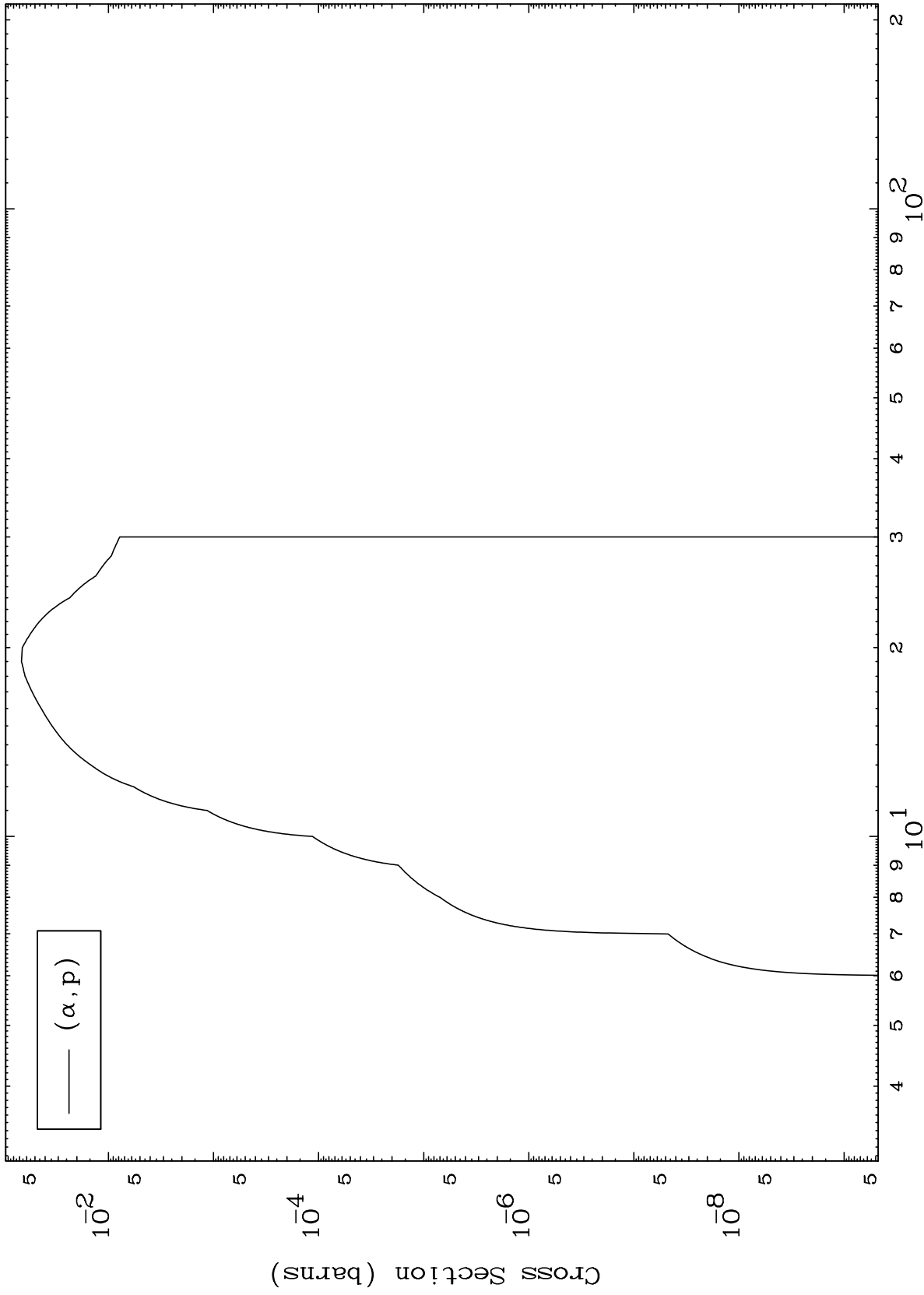
Incident Energy (MeV)

41-Nb-91

MAT 4119

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-91



6

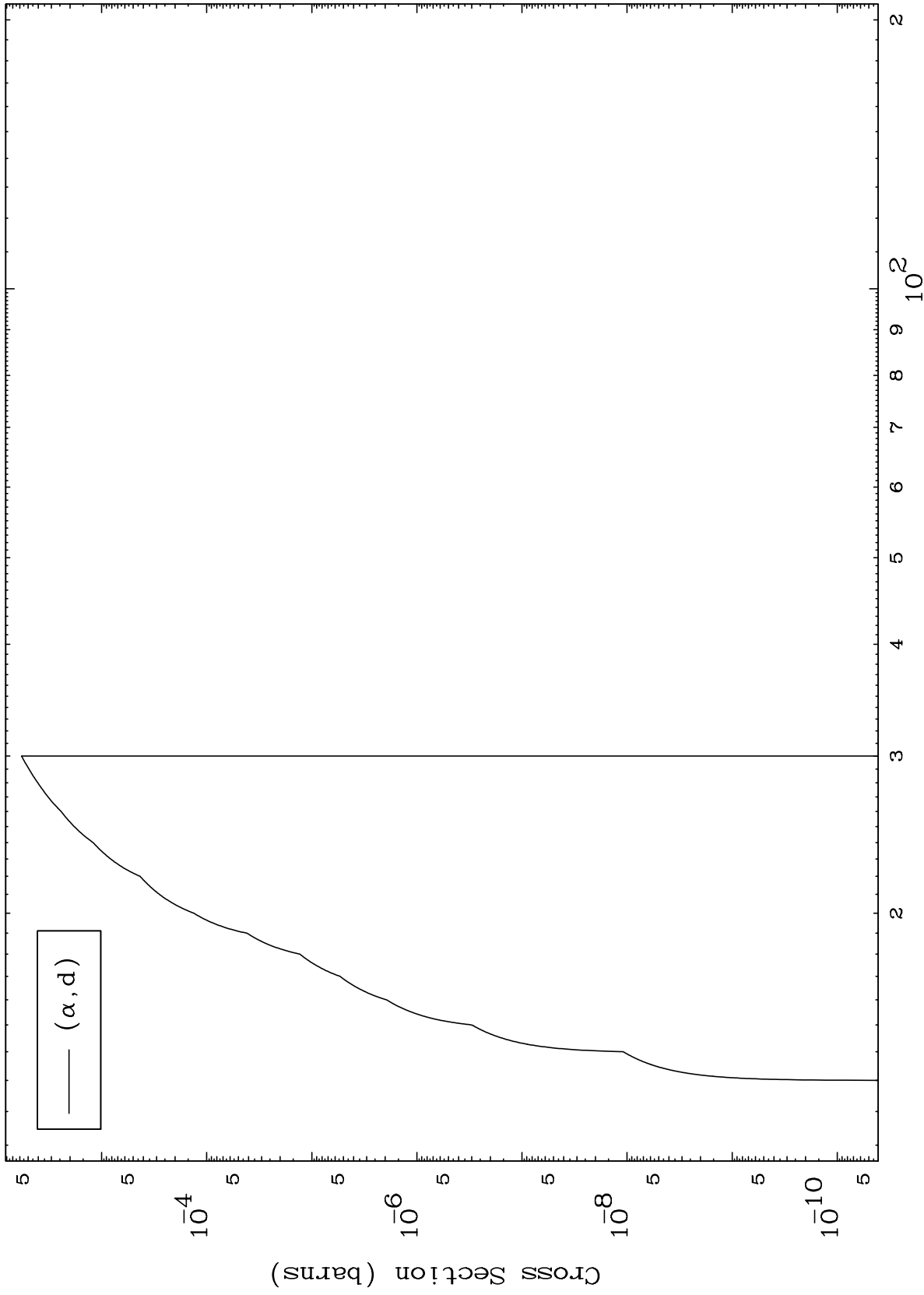
Incident Energy (MeV)

41-Nb-91

MAT 4119

(α, d) Levels
0 Kelvin Cross Sections

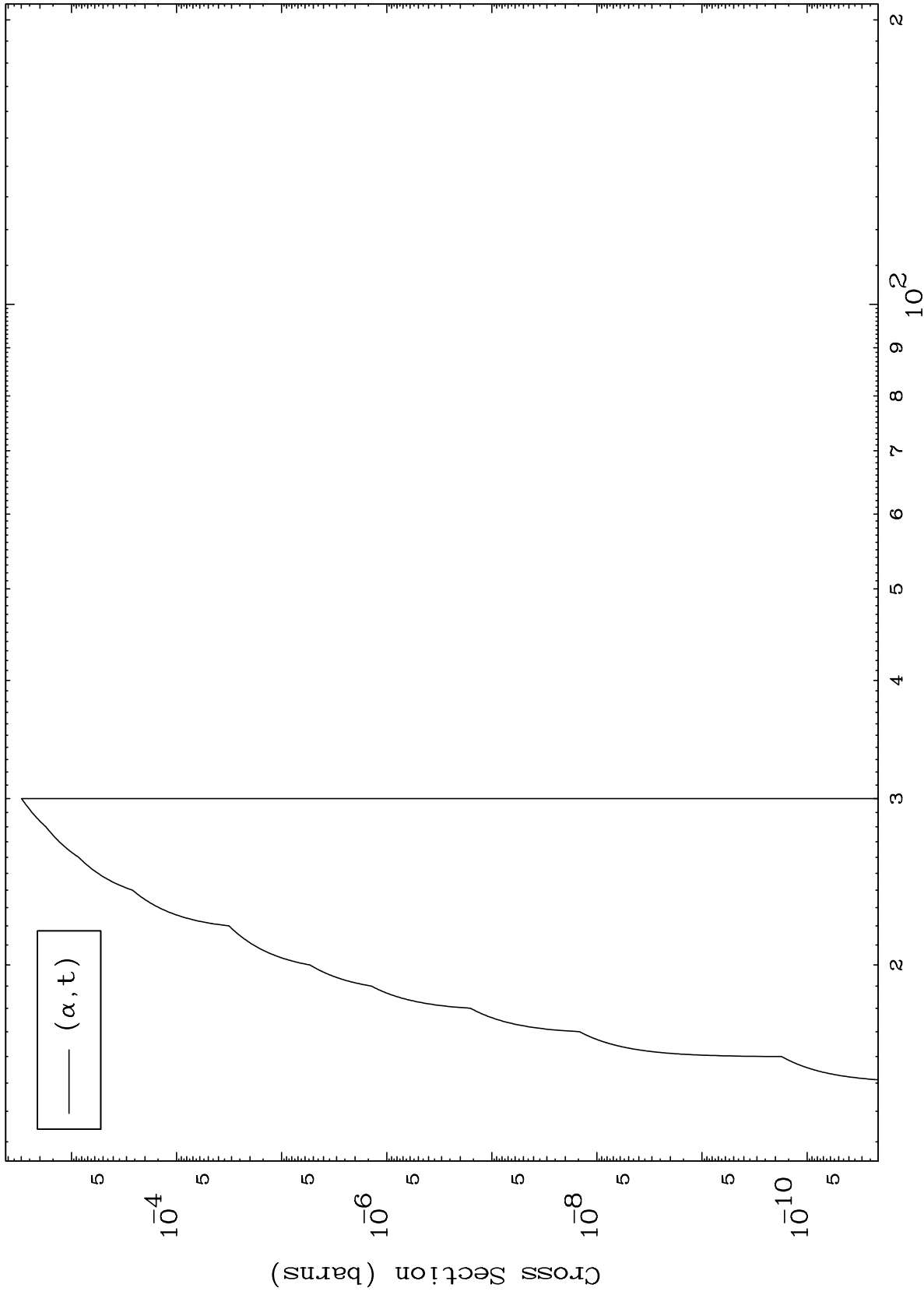
41-Nb-91

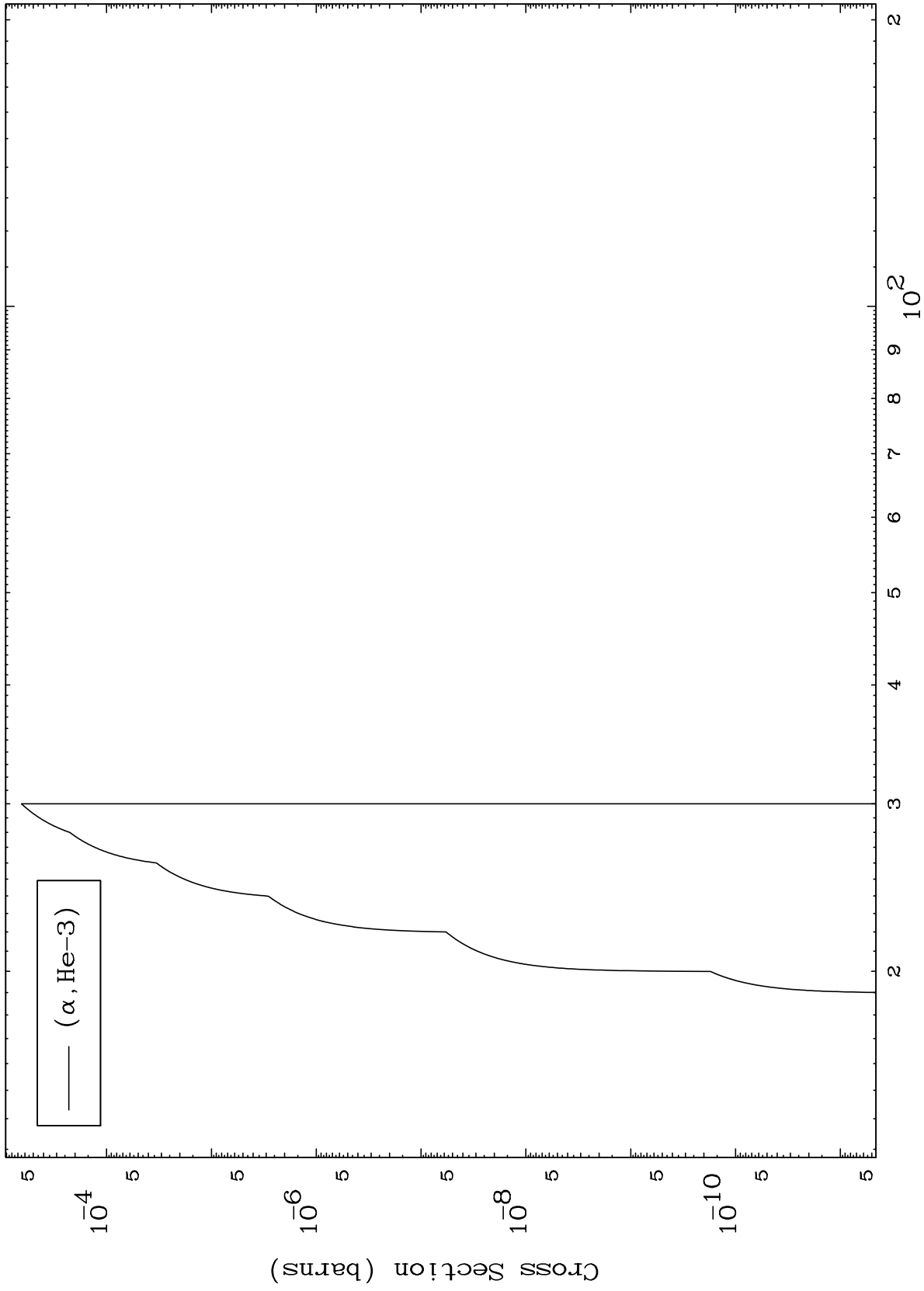


7

Incident Energy (MeV)

41-Nb-91

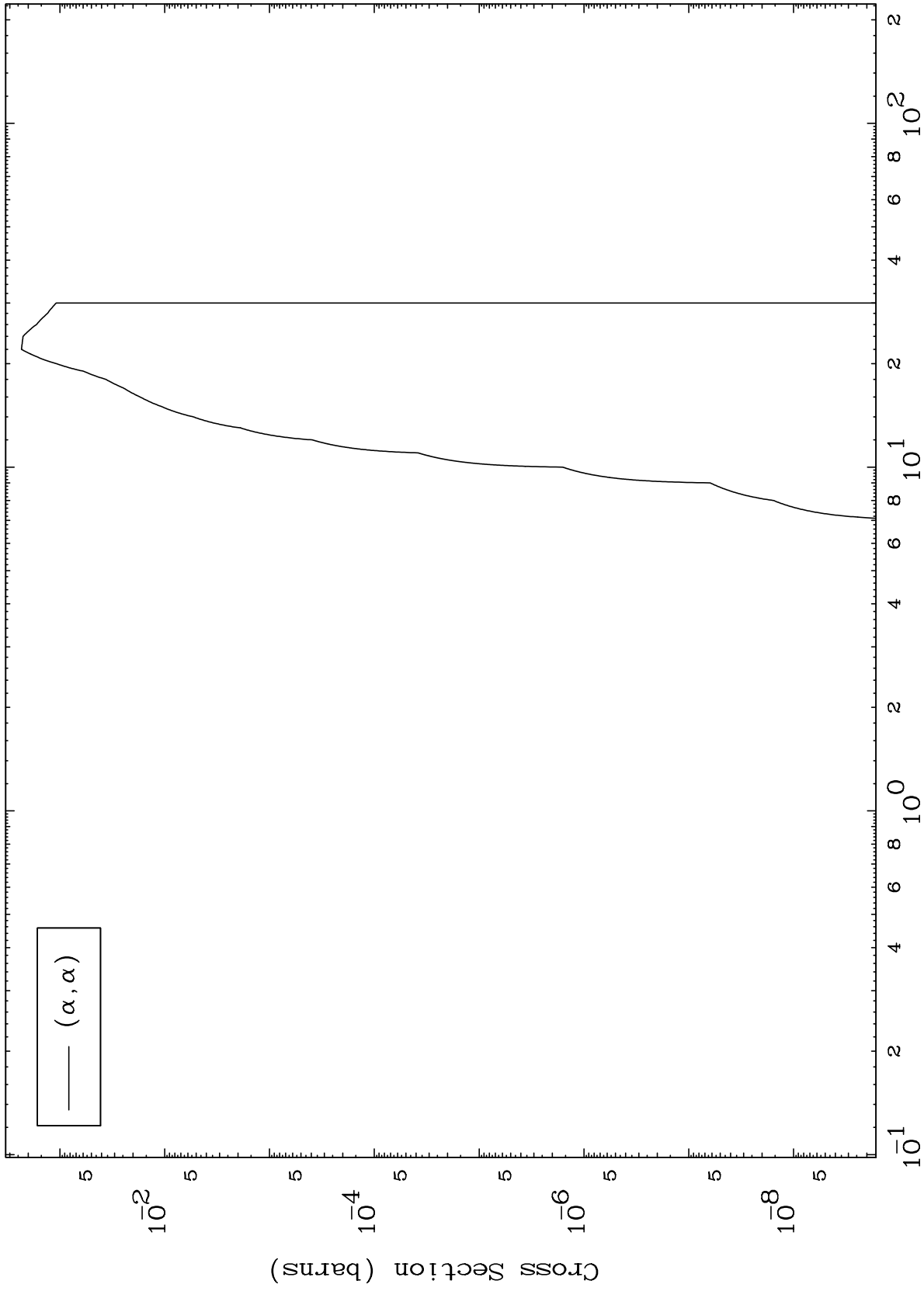




MAT 4119

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-91



10

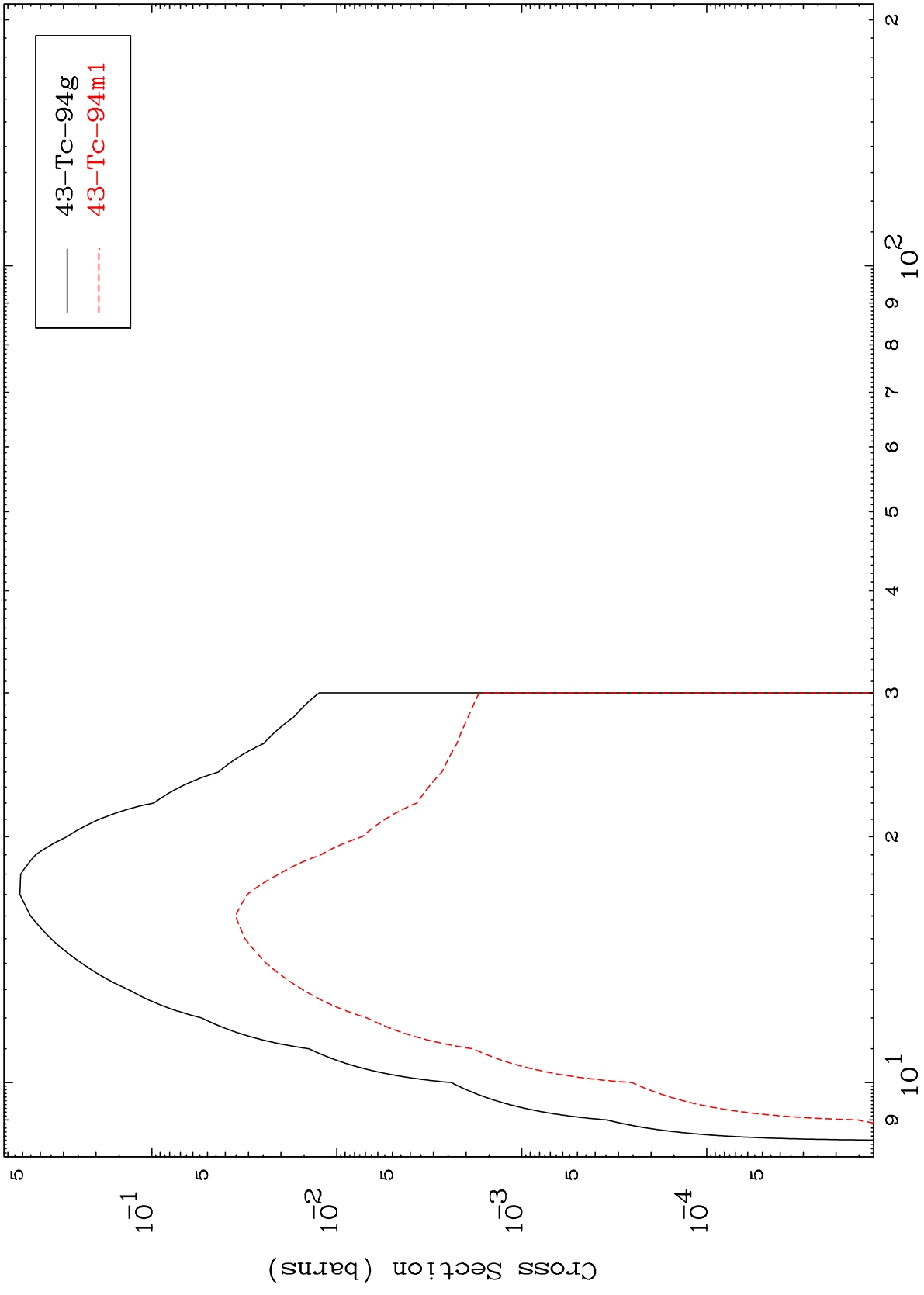
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

α Inelastic
Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

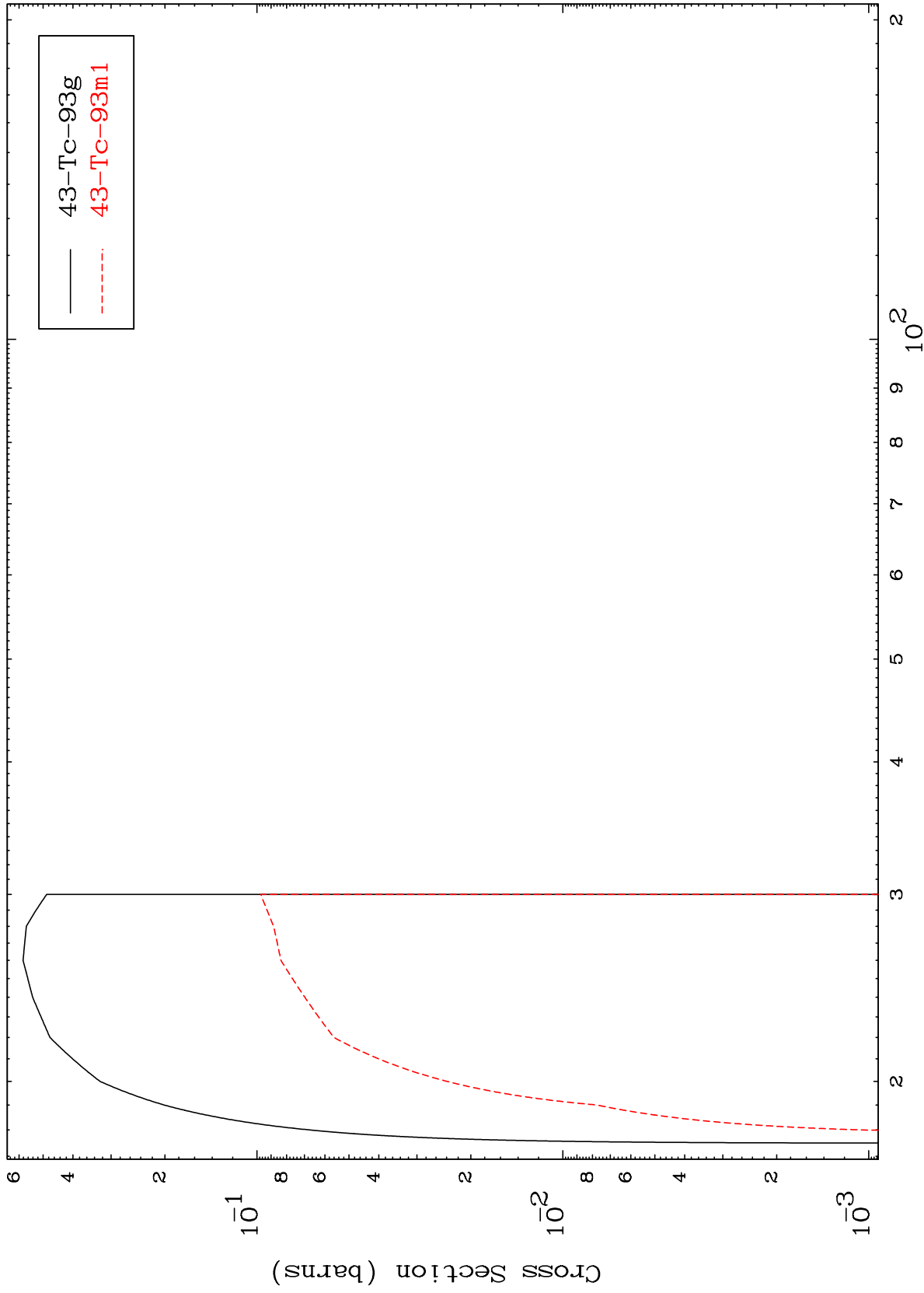
11

41-Nb-91

MAT 4119

41-Nb-91

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



12

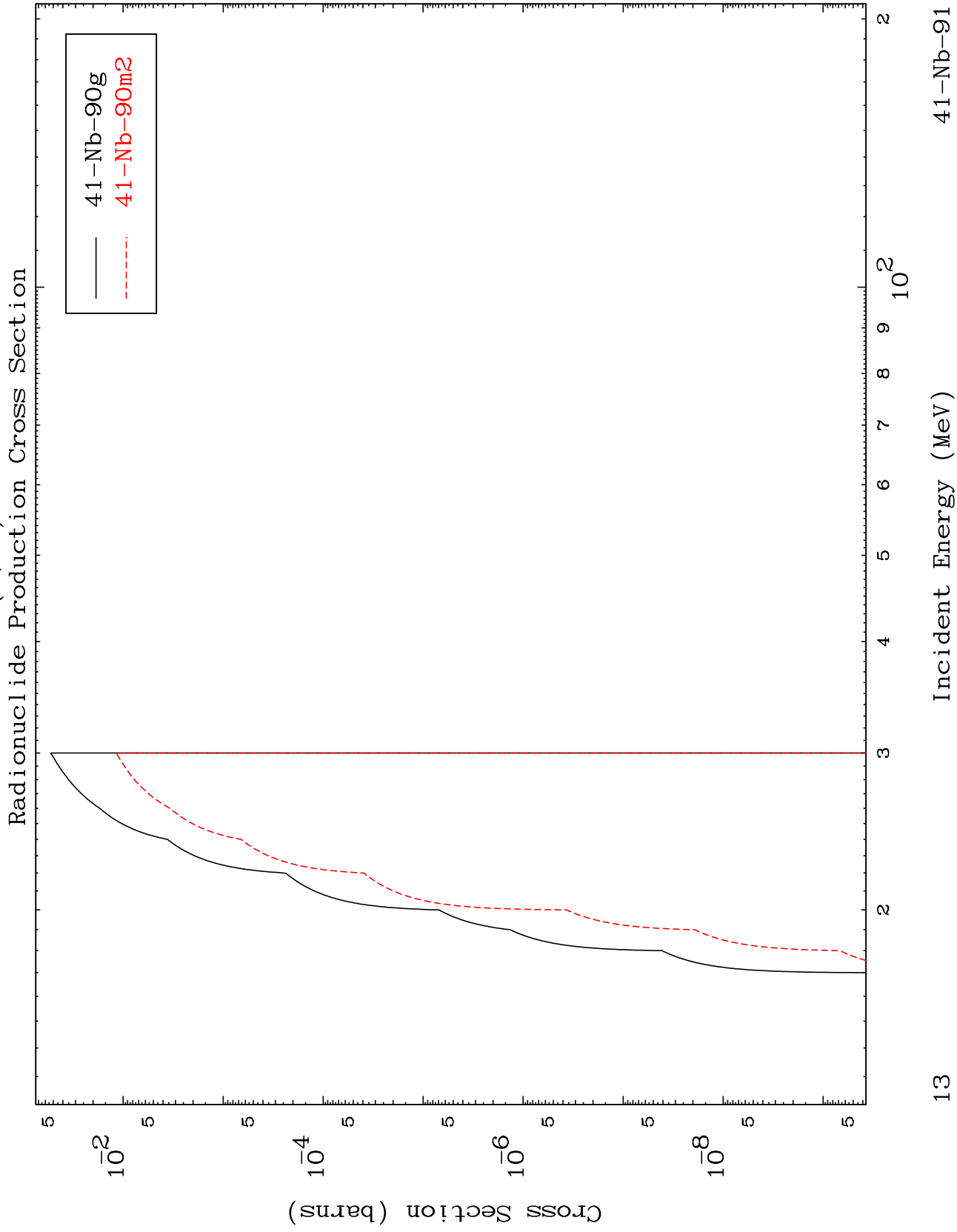
Incident Energy (MeV)

41-Nb-91

MAT 4119

(α, n') α

41-Nb-91

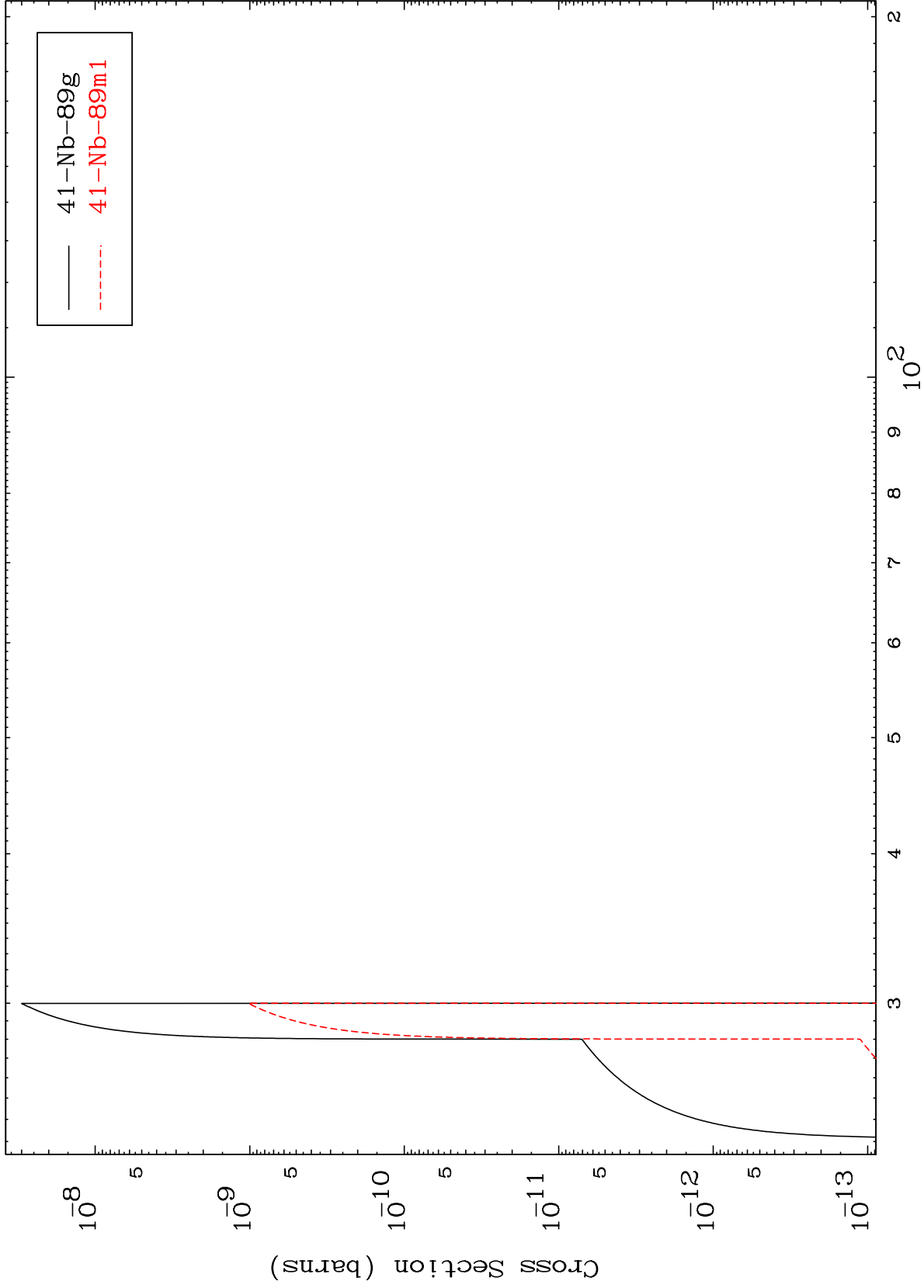


MAT 4119

($\alpha, 2n$) α

41-Nb-91

Radionuclide Production Cross Section



14

Incident Energy (MeV)

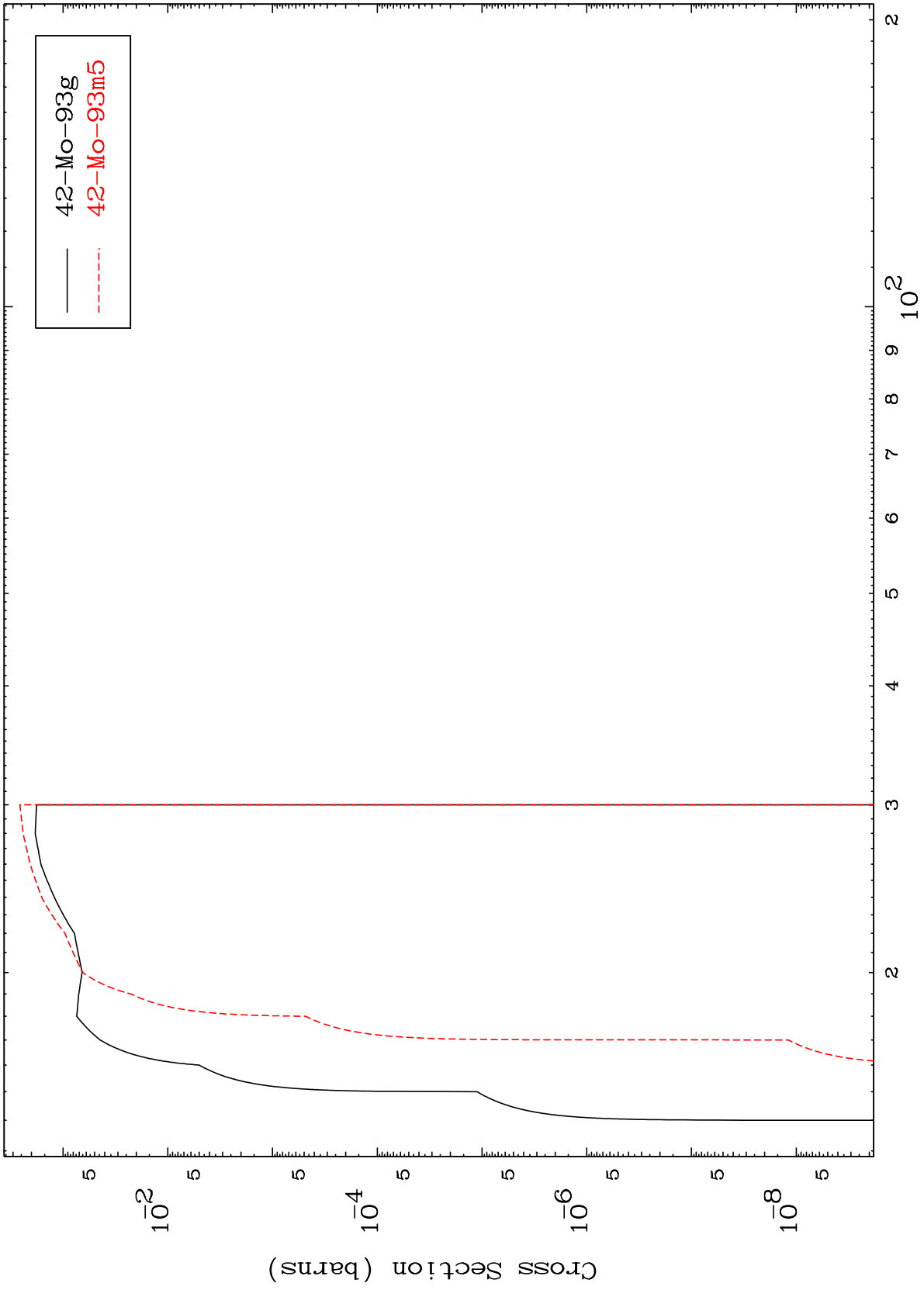
41-Nb-91

MAT 4119

(α, n') p

41-Nb-91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

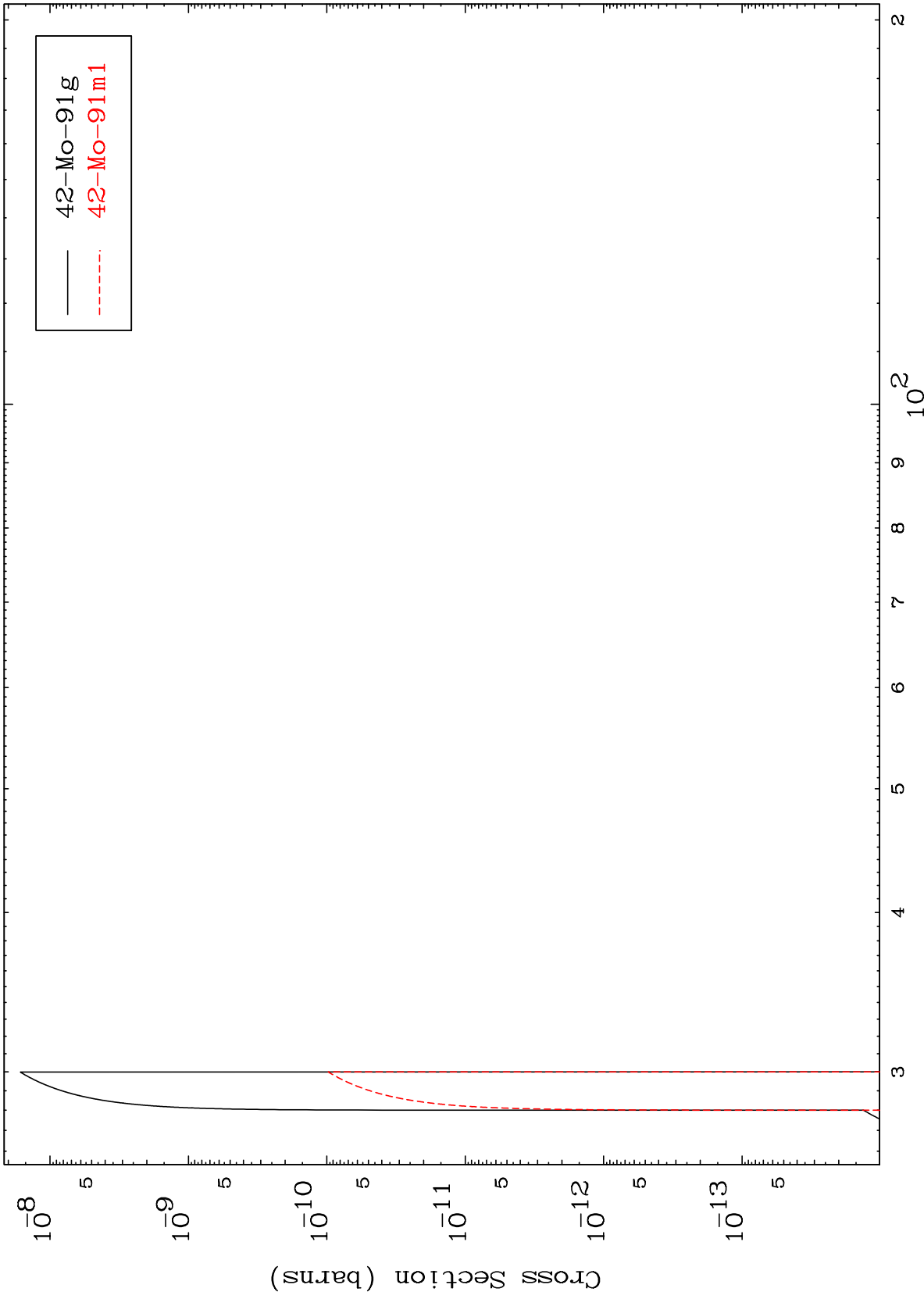
41-Nb-91

MAT 4119

(α, n') t

41-Nb-91

Radionuclide Production Cross Section



16

Incident Energy (MeV)

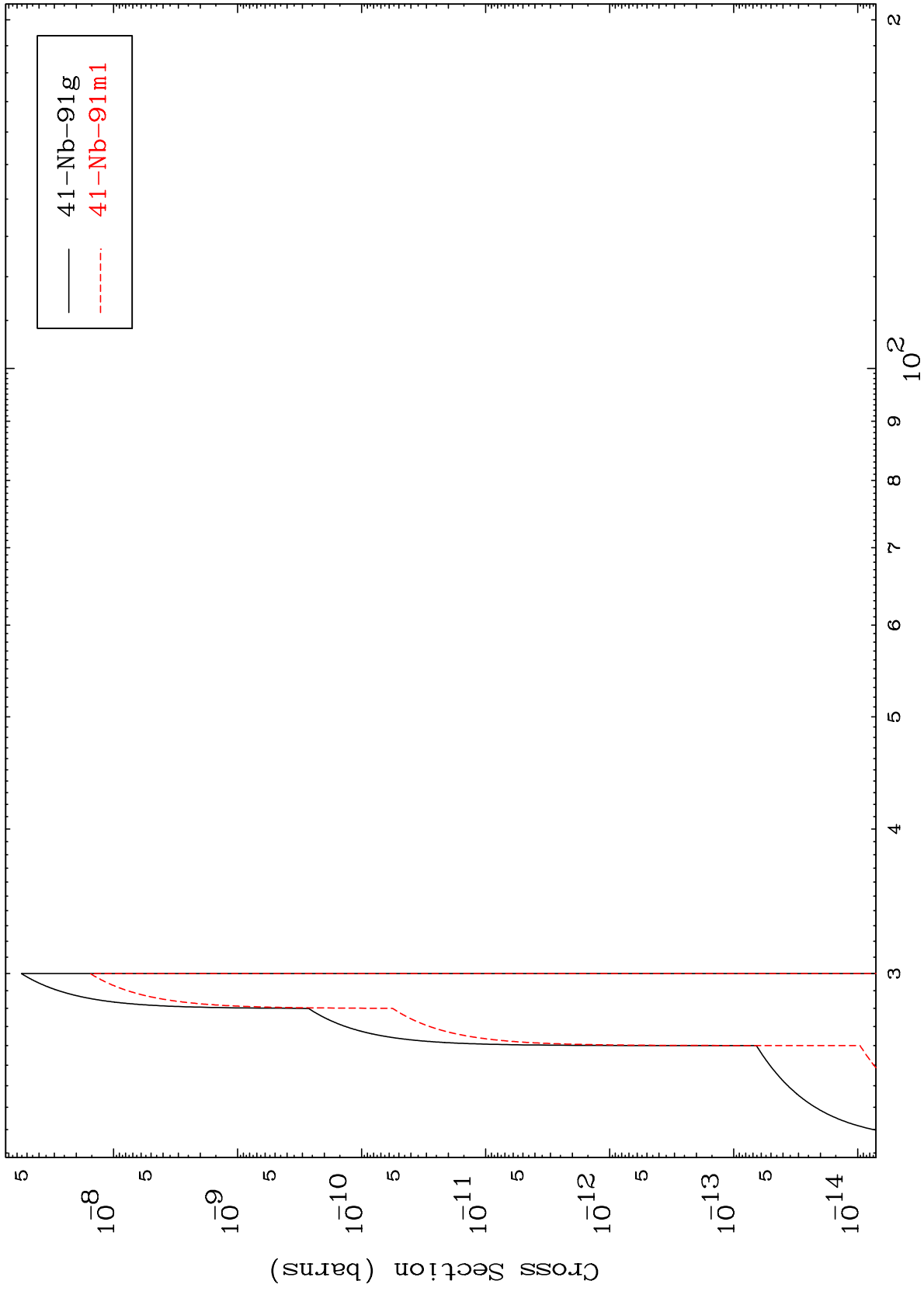
41-Nb-91

MAT 4119

(α, n') He-3

41-Nb-91

Radionuclide Production Cross Section



17

Incident Energy (MeV)

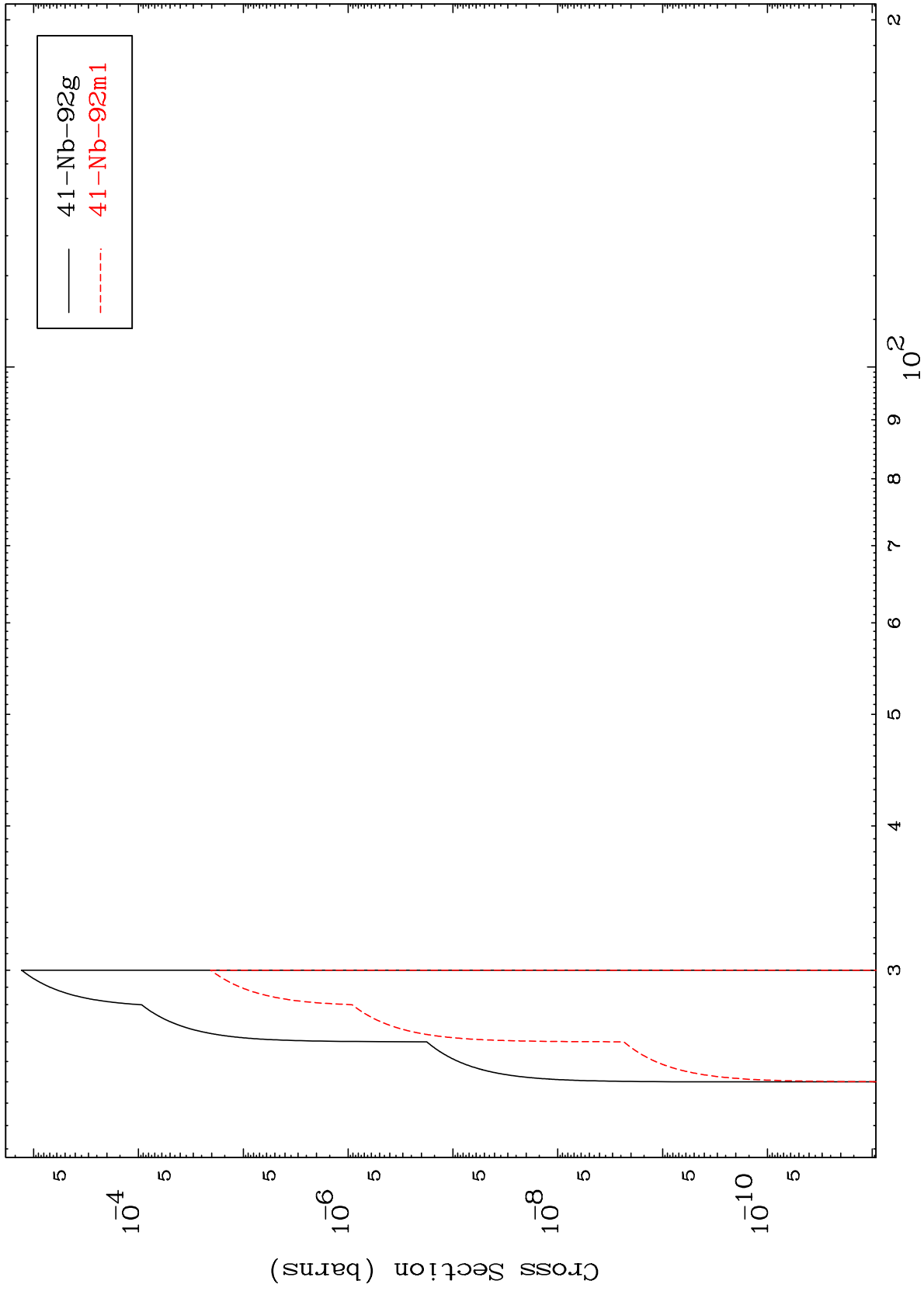
41-Nb-91

MAT 4119

($\alpha, 2n$) p

41-Nb-91

Radionuclide Production Cross Section



18

Incident Energy (MeV)

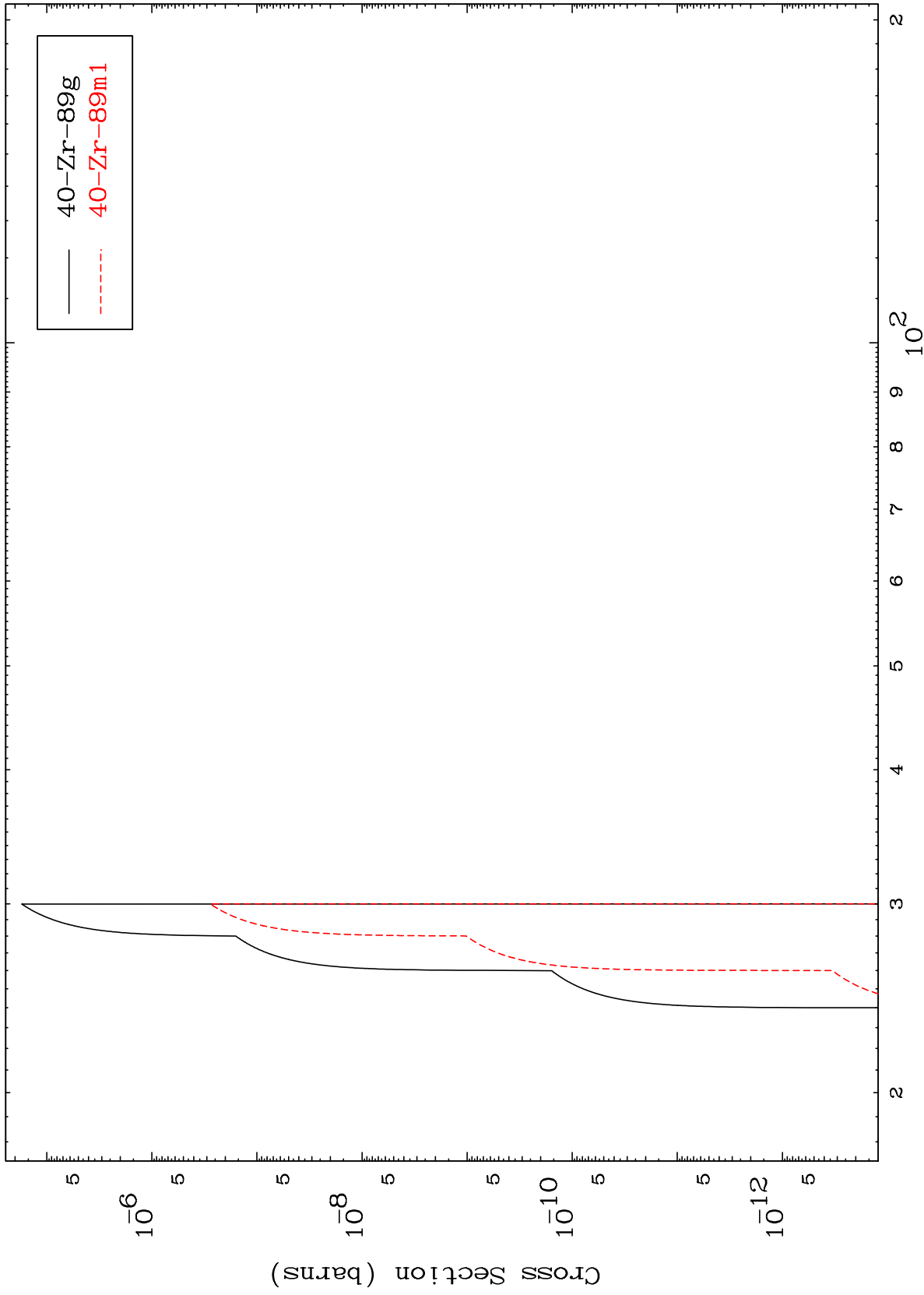
41-Nb-91

MAT 4119

(α, n') p α

41-Nb-91

Radionuclide Production Cross Section



19

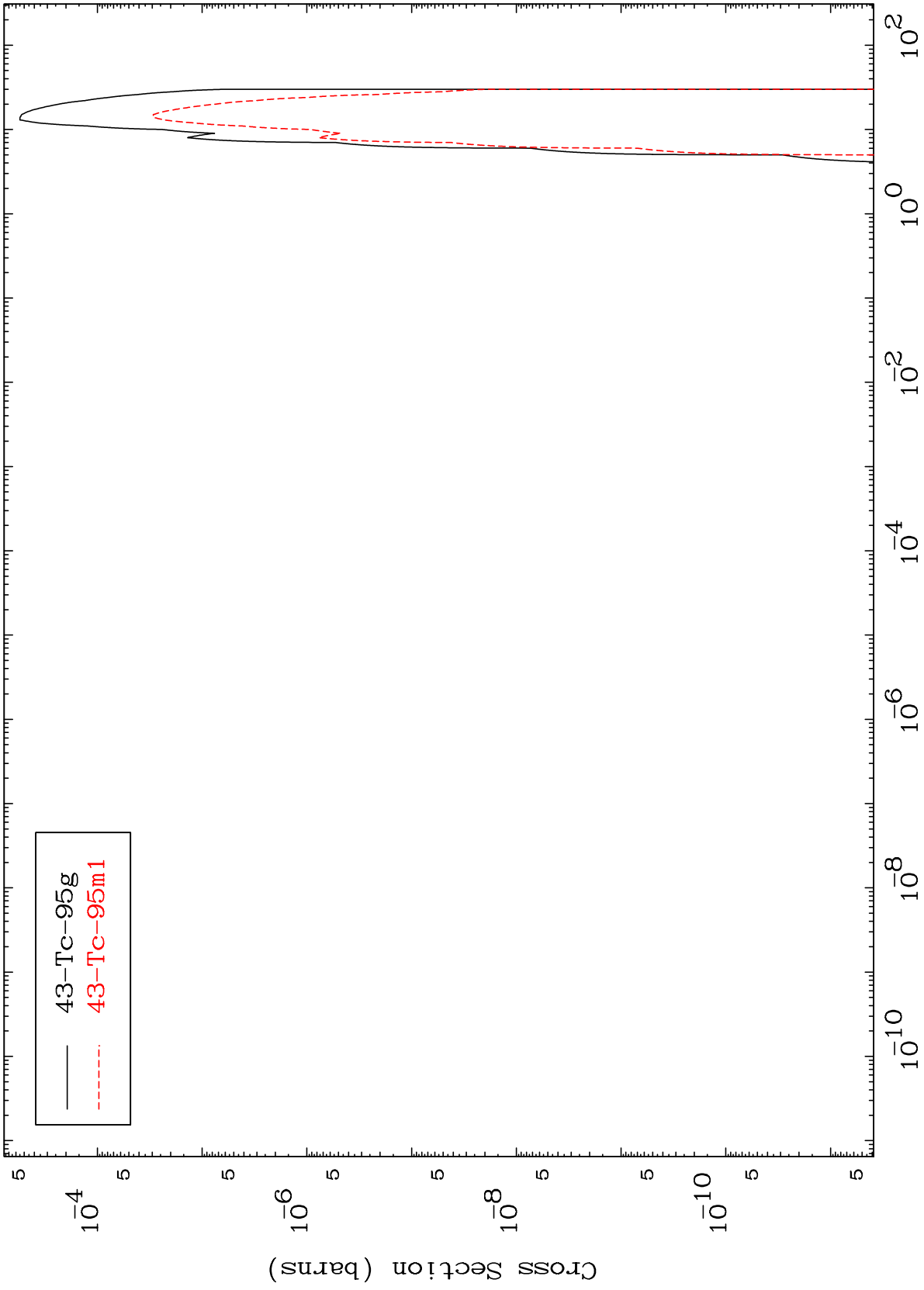
Incident Energy (MeV)

41-Nb-91

MAT 4119

Radionuclide Production Cross Section
(α, γ)

41-Nb-91



20

Incident Energy (MeV)

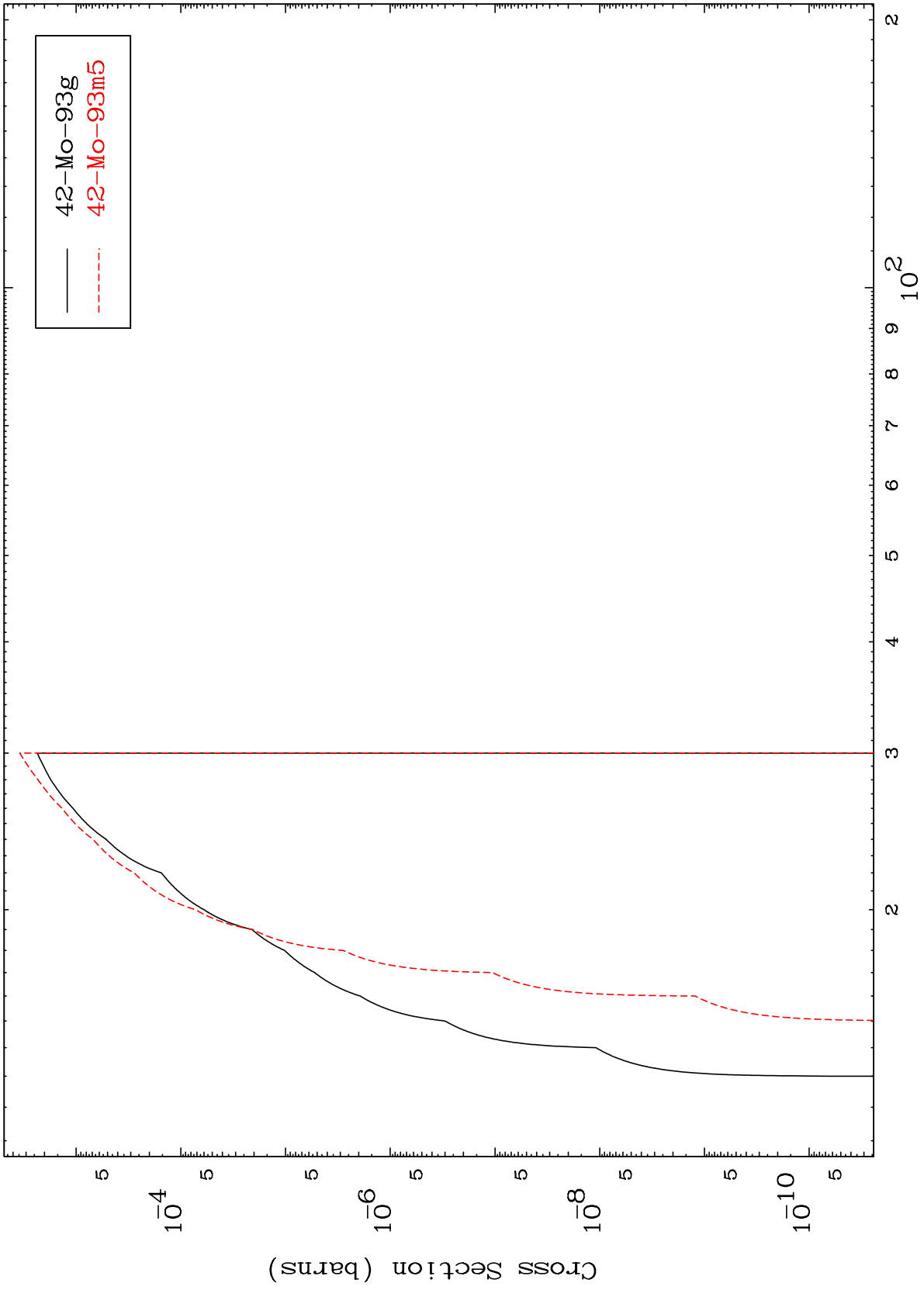
41-Nb-91

MAT 4119

(α, d)

41-Nb-91

Radionuclide Production Cross Section



21

Incident Energy (MeV)

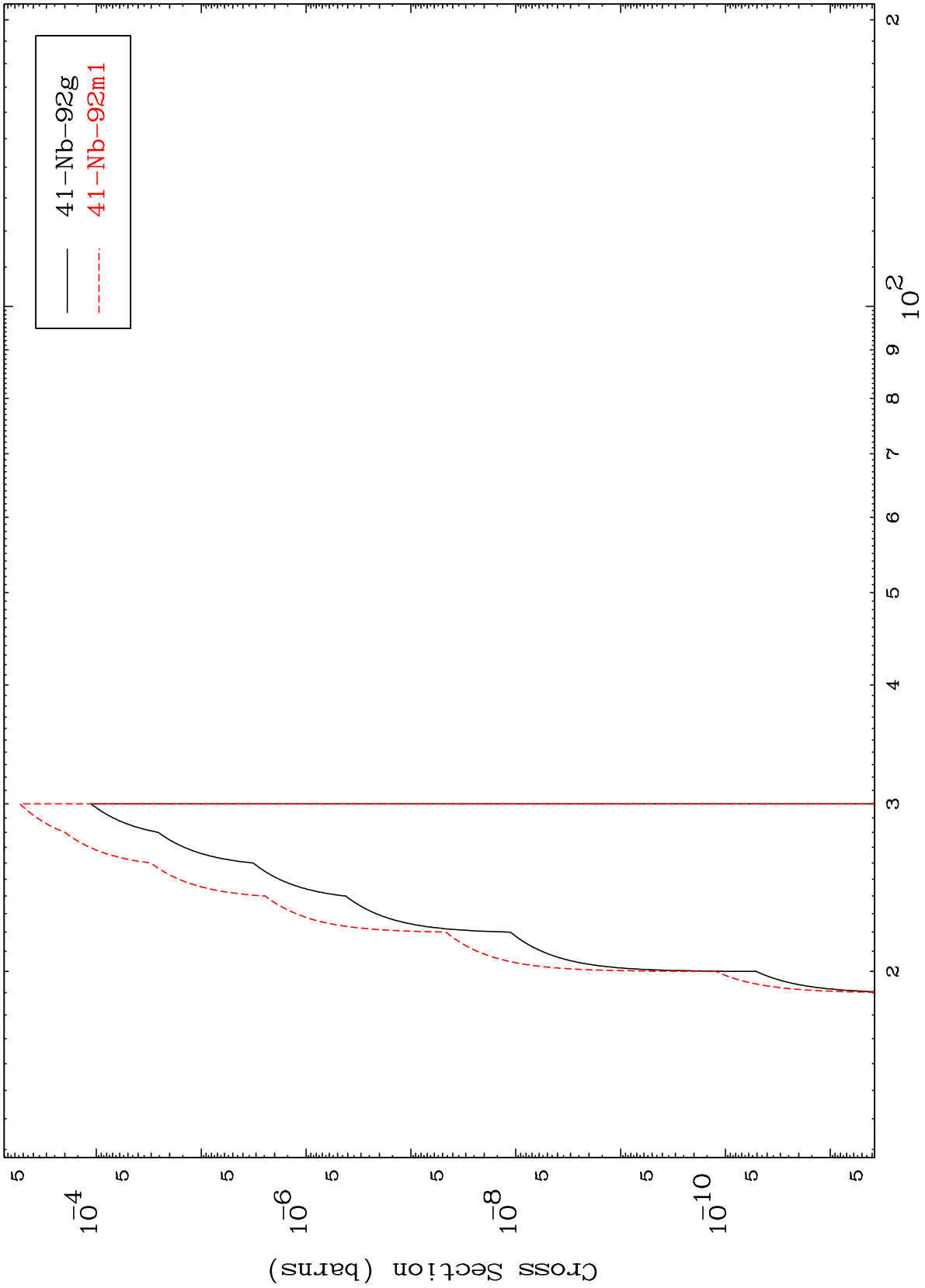
41-Nb-91

MAT 4119

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

41-Nb-91

Radionuclide Production Cross Section



22

Incident Energy (MeV)

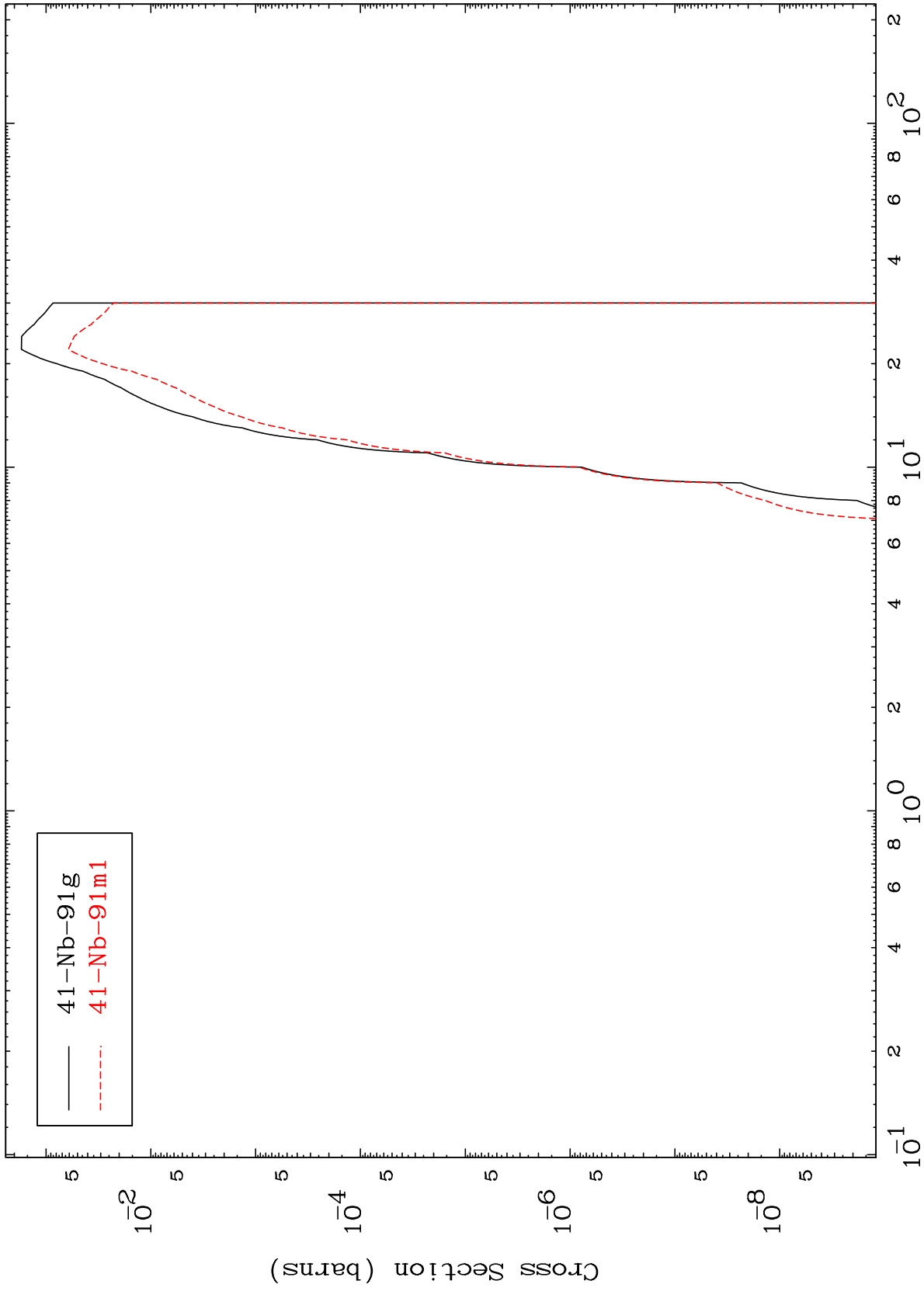
41-Nb-91

MAT 4119

(α, α)

41-Nb-91

Radionuclide Production Cross Section



23

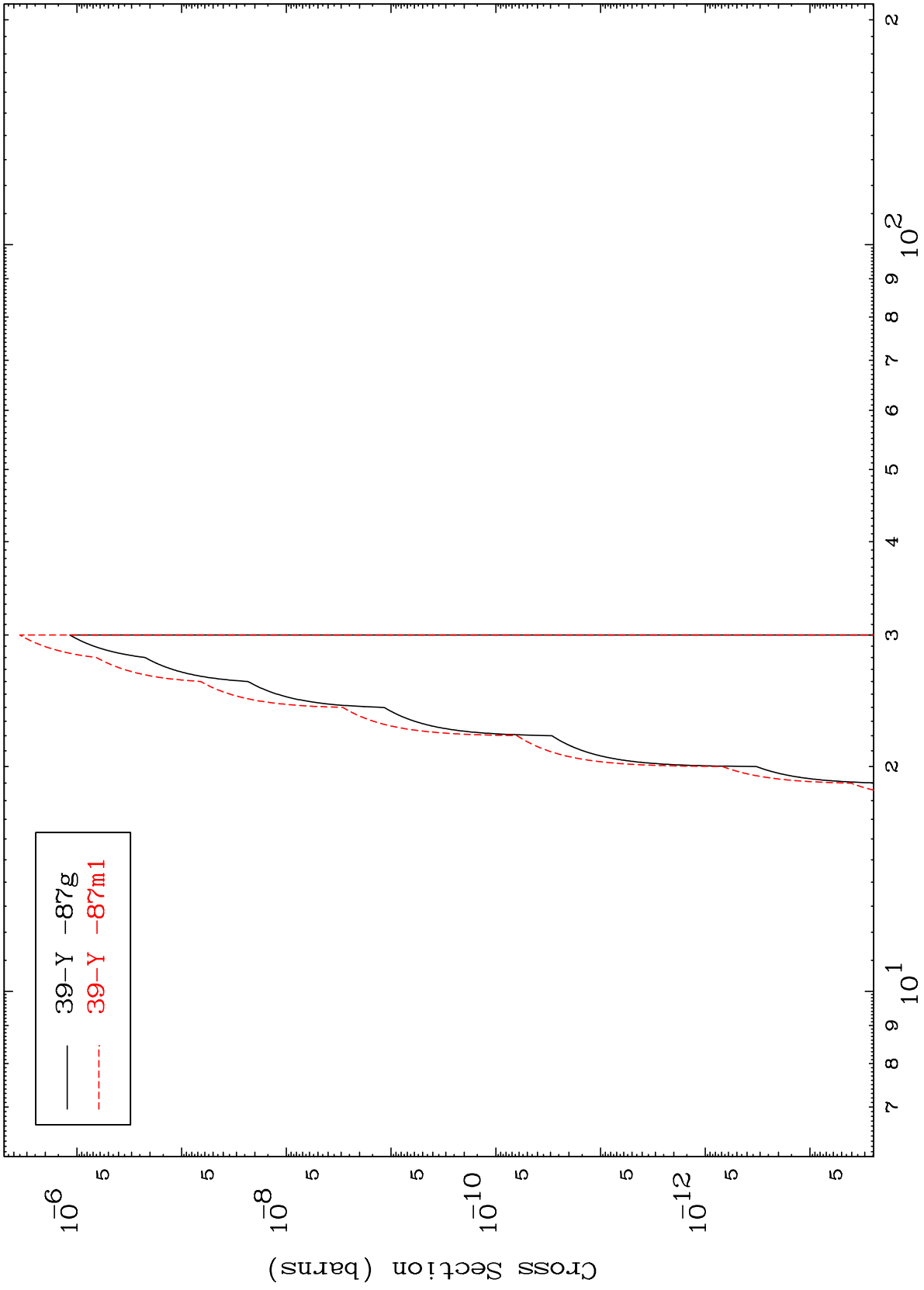
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

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



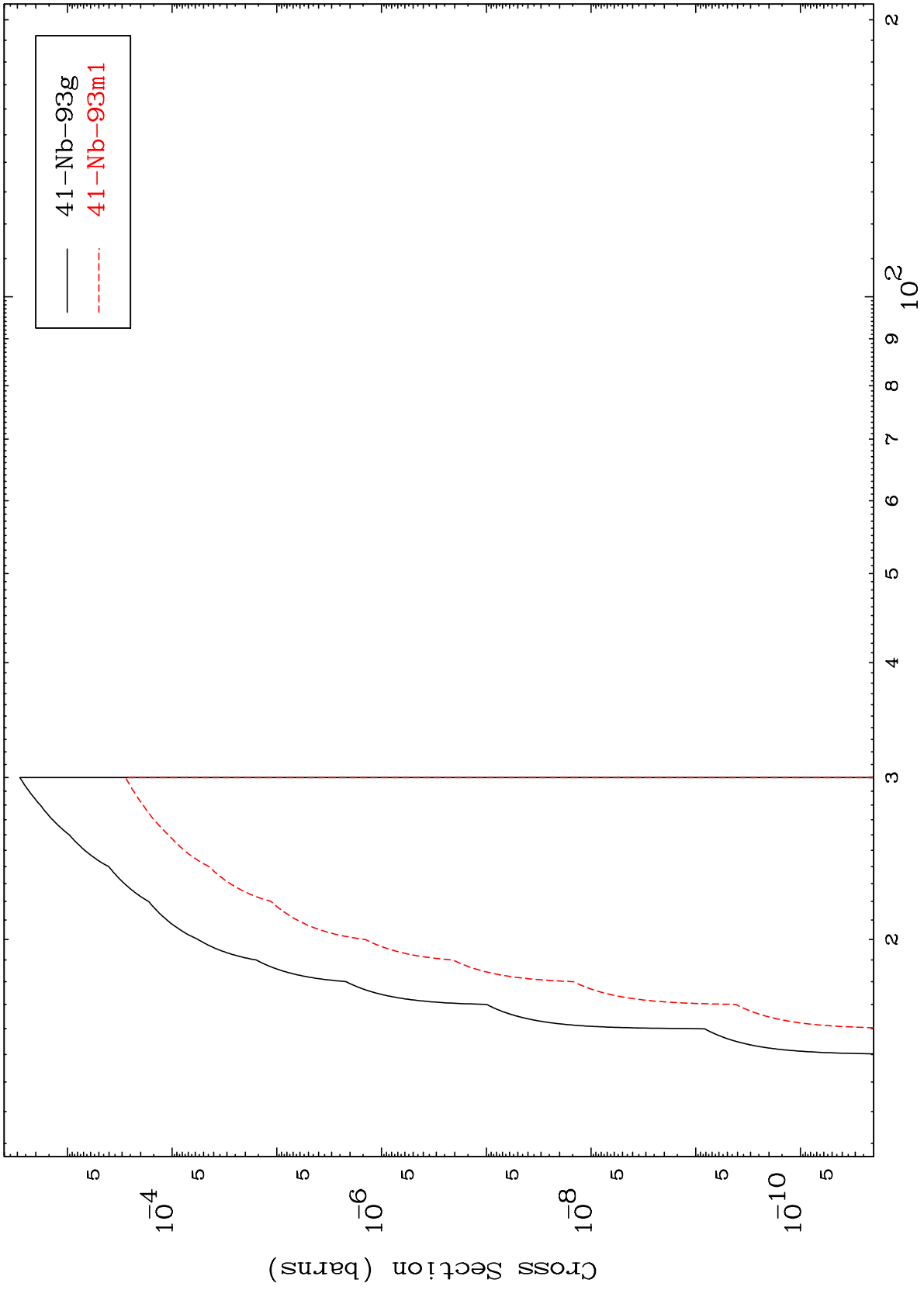
24

41-Nb-91

MAT 4119

41-Nb-91

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



25

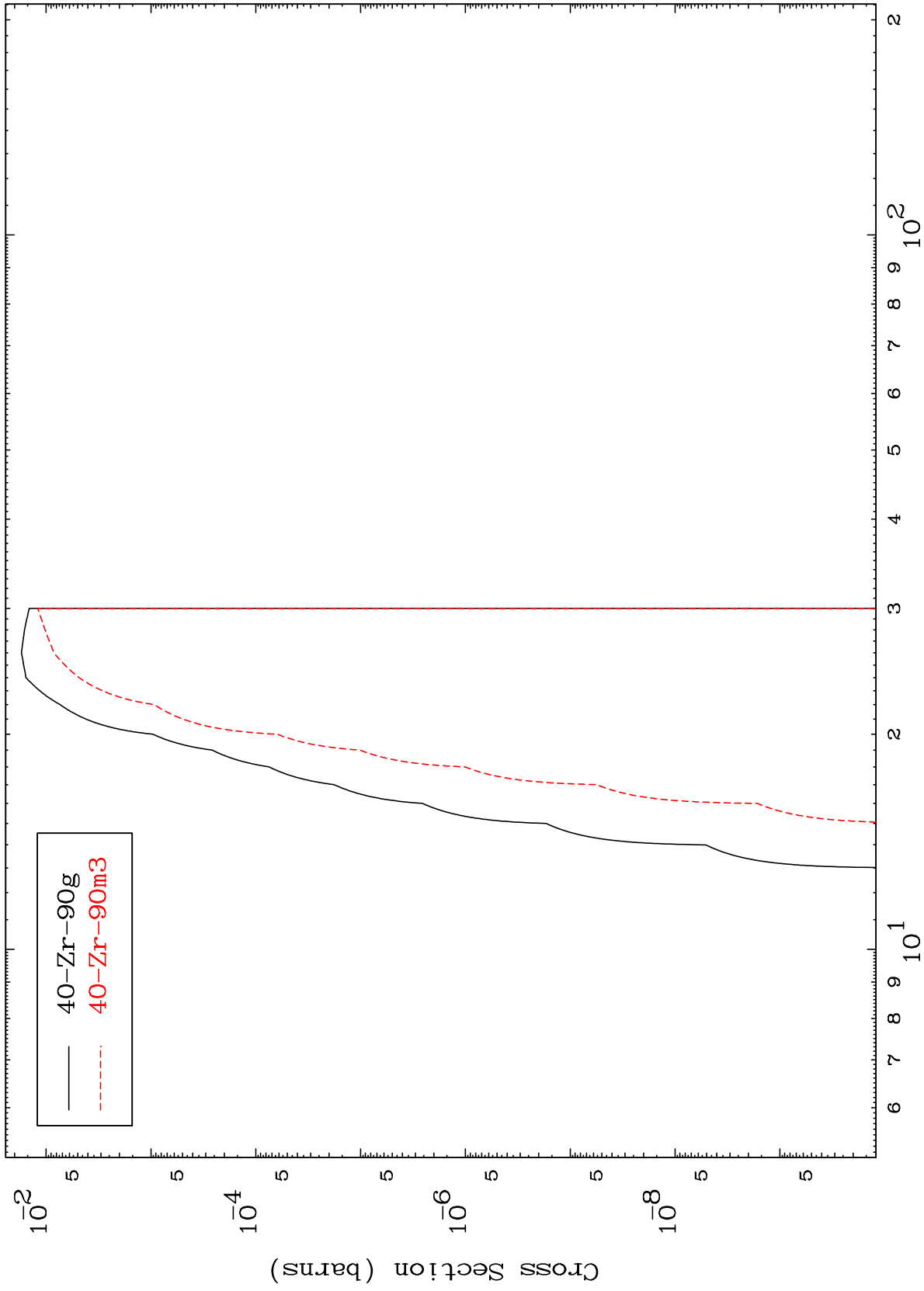
41-Nb-91

MAT 4119

(α, p) α

41-Nb-91

Radionuclide Production Cross Section



26

41-Nb-91

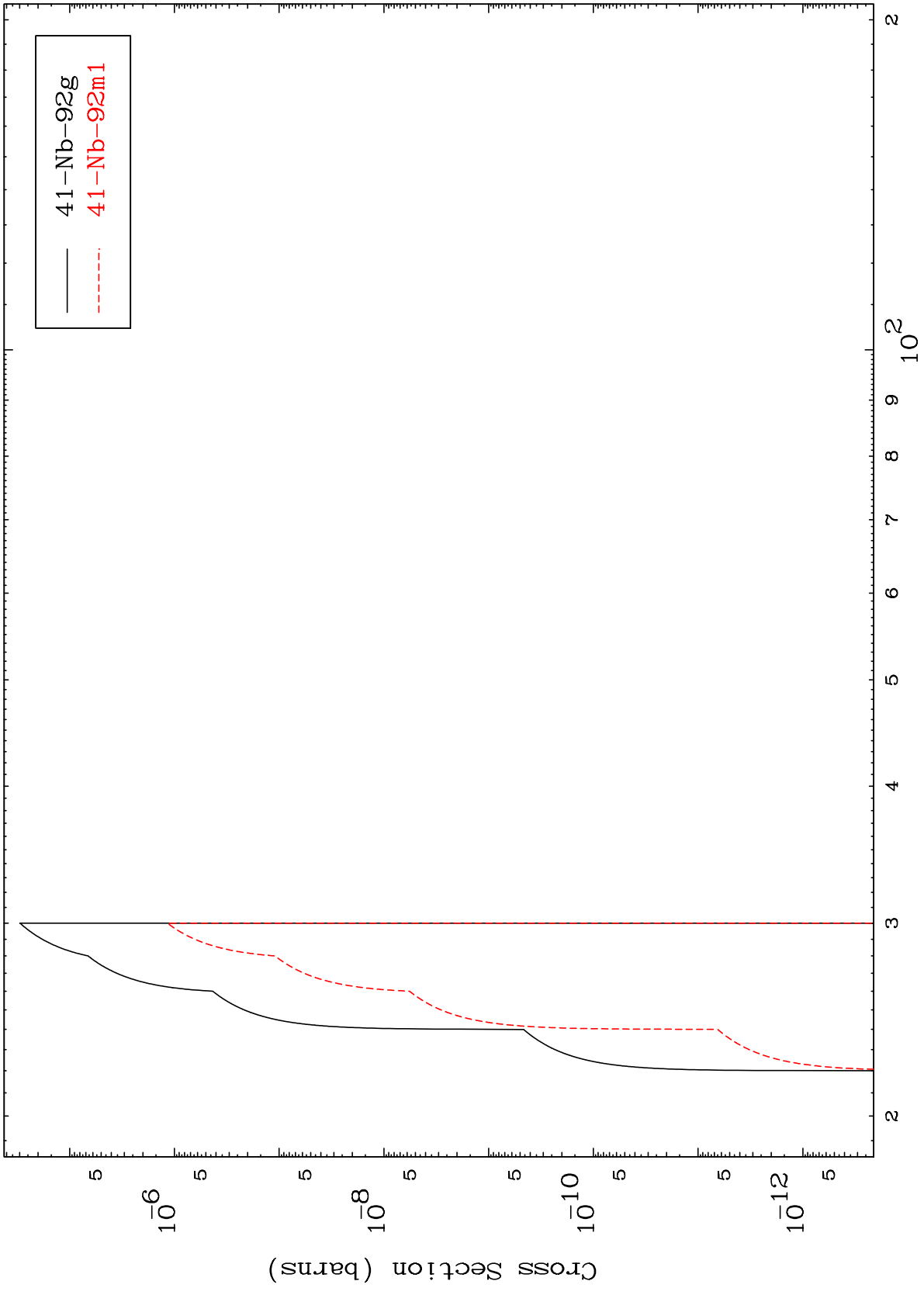
41-Nb-91

MAT 4119

(α, p) d

41-Nb-91

Radionuclide Production Cross Section



27

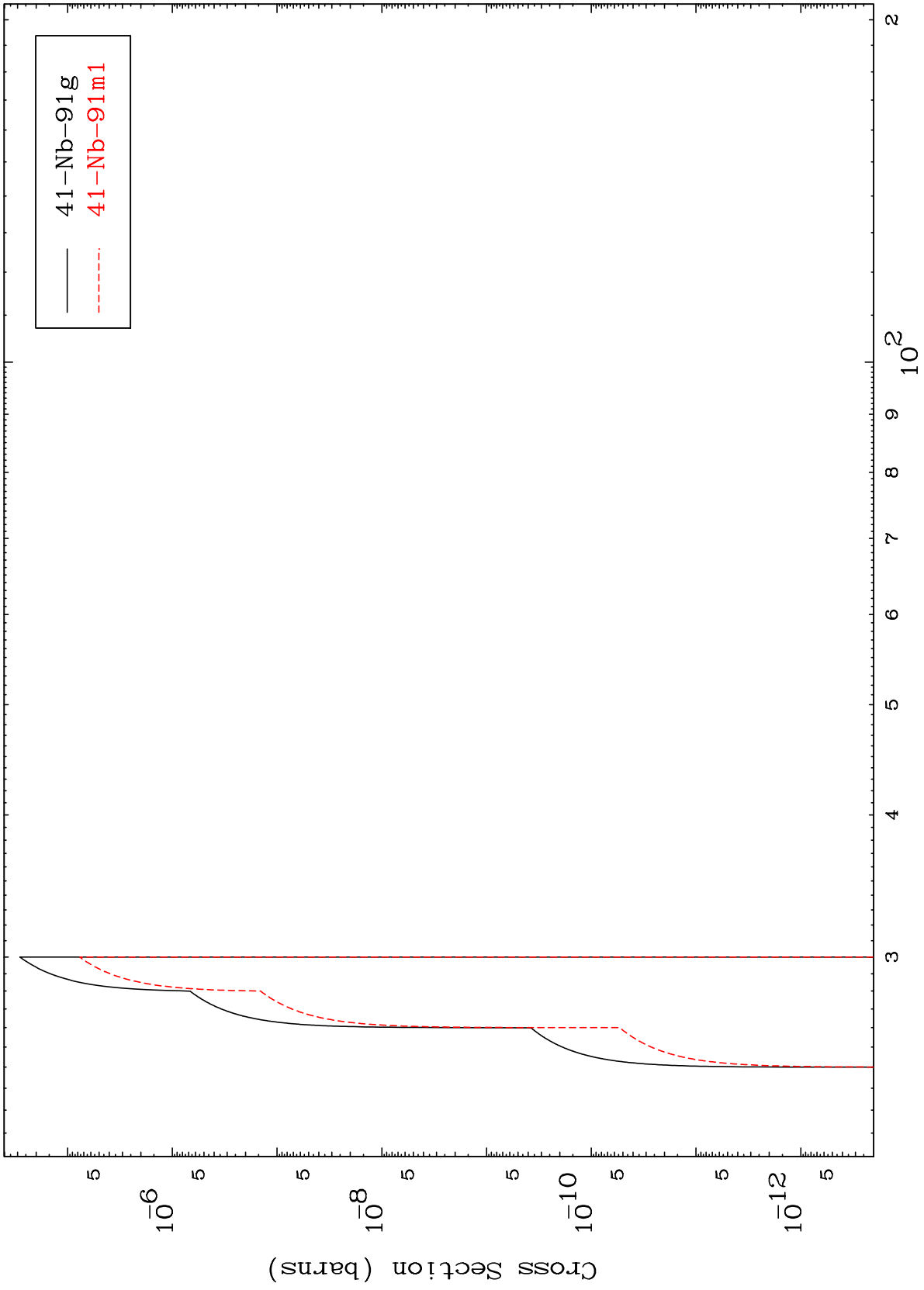
41-Nb-91

MAT 4119

(α, p) t

41-Nb-91

Radionuclide Production Cross Section



28

Incident Energy (MeV)

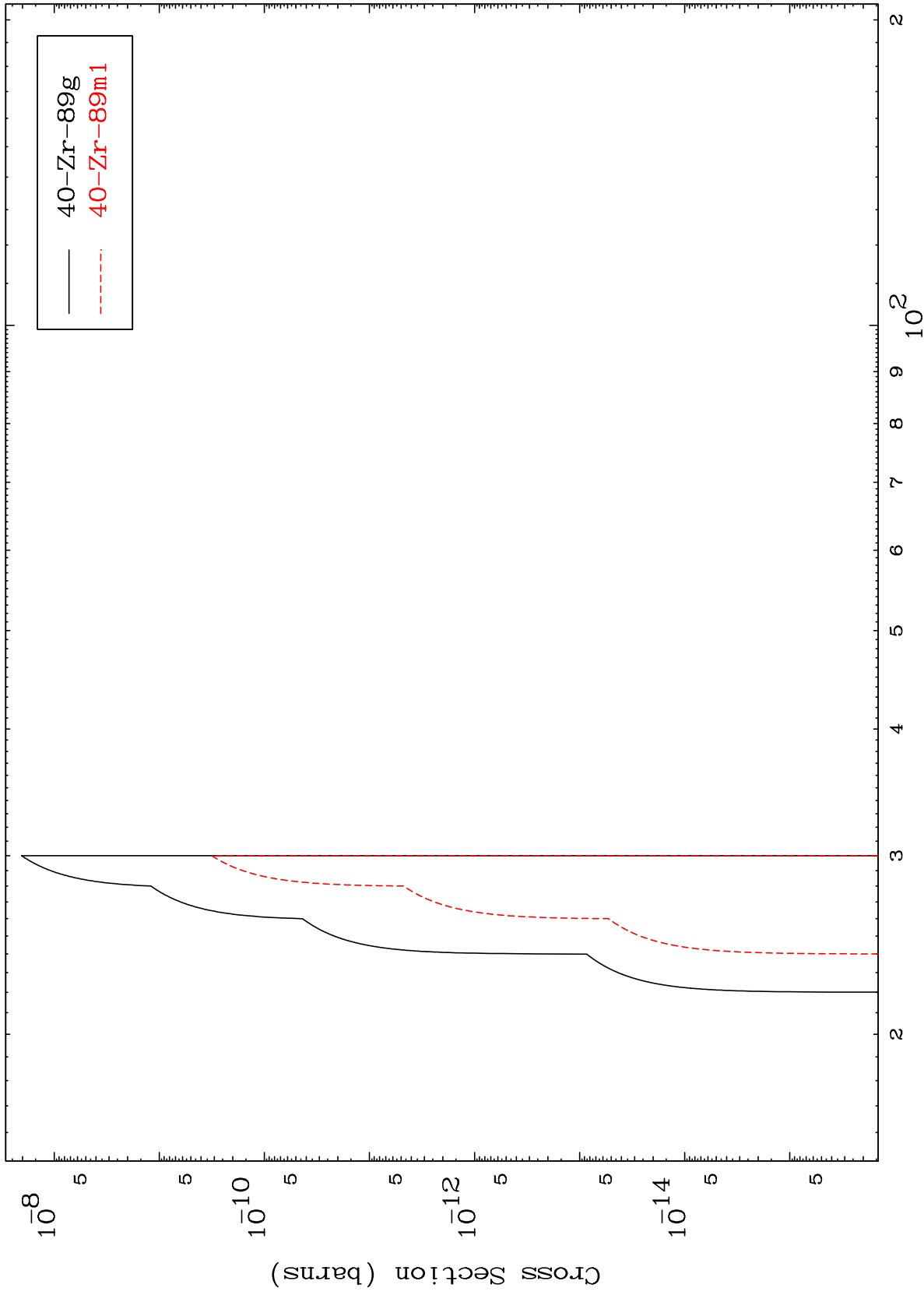
41-Nb-91

MAT 4119

(α, d) α

41-Nb-91

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-91