

Program EVALPLOT
(Version 2018-1)

by

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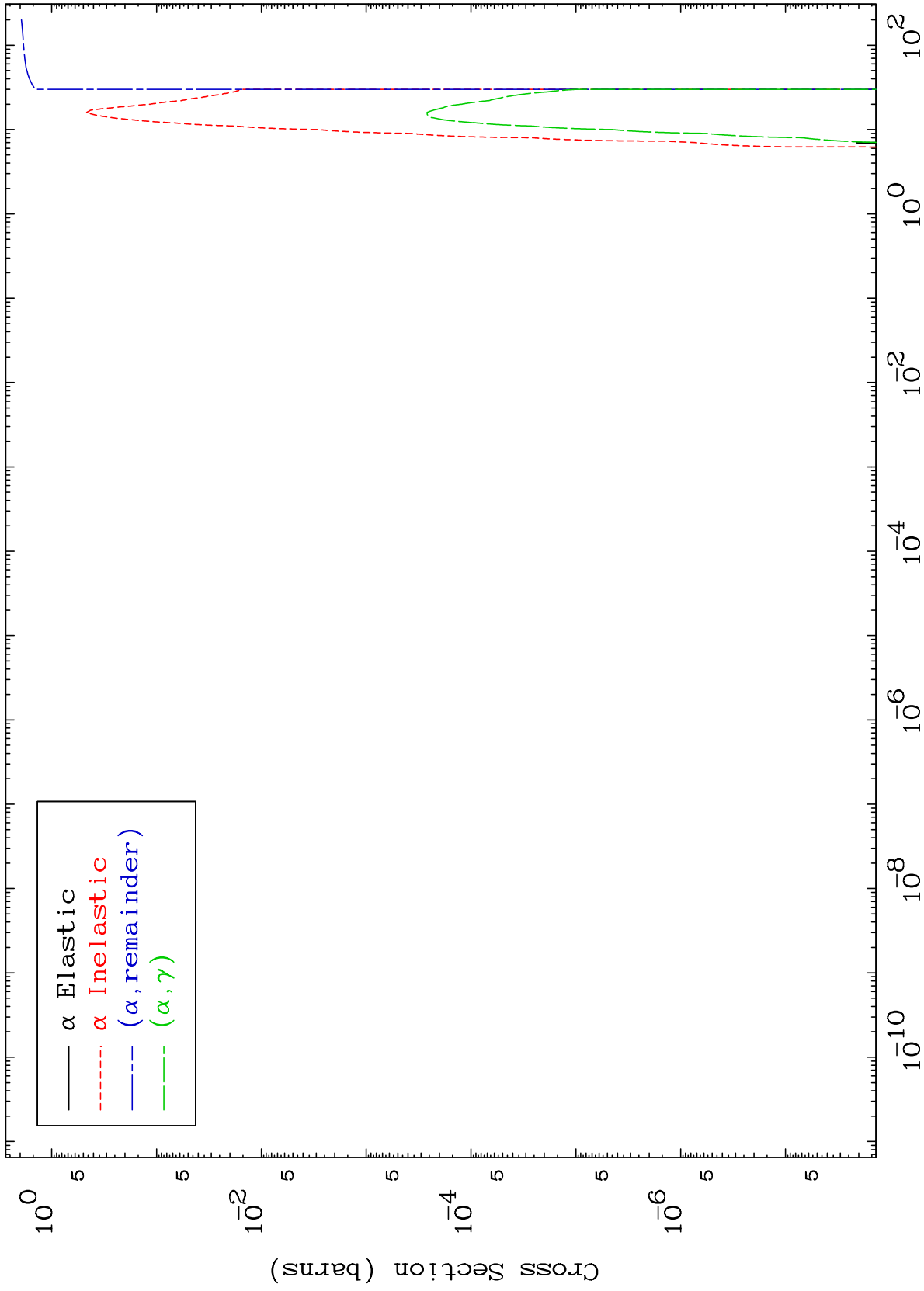
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4123

0 Kelvin α Major
Cross Sections

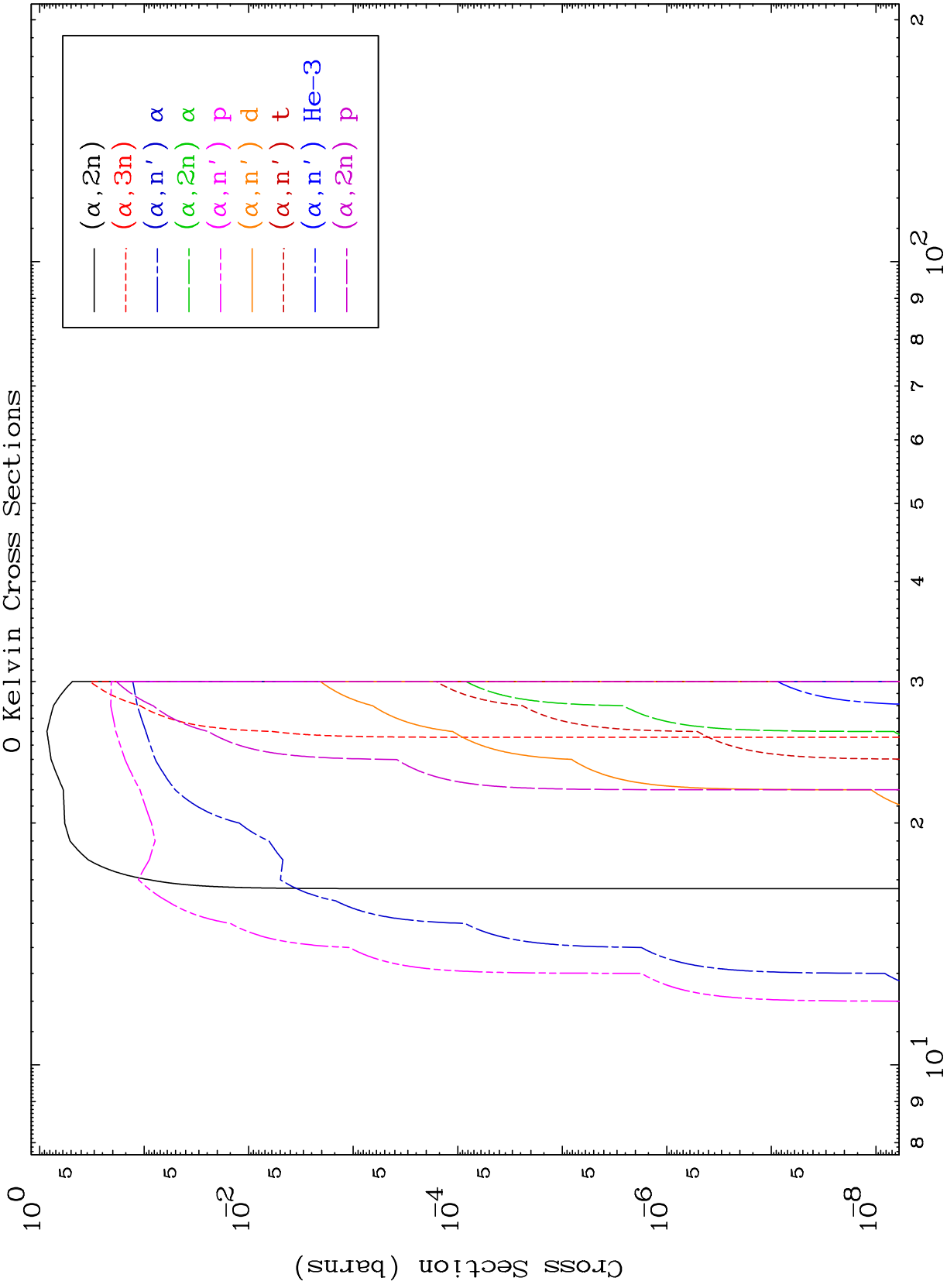
41-Nb-92



MAT 4123

α Neutron Production
0 Kelvin Cross Sections

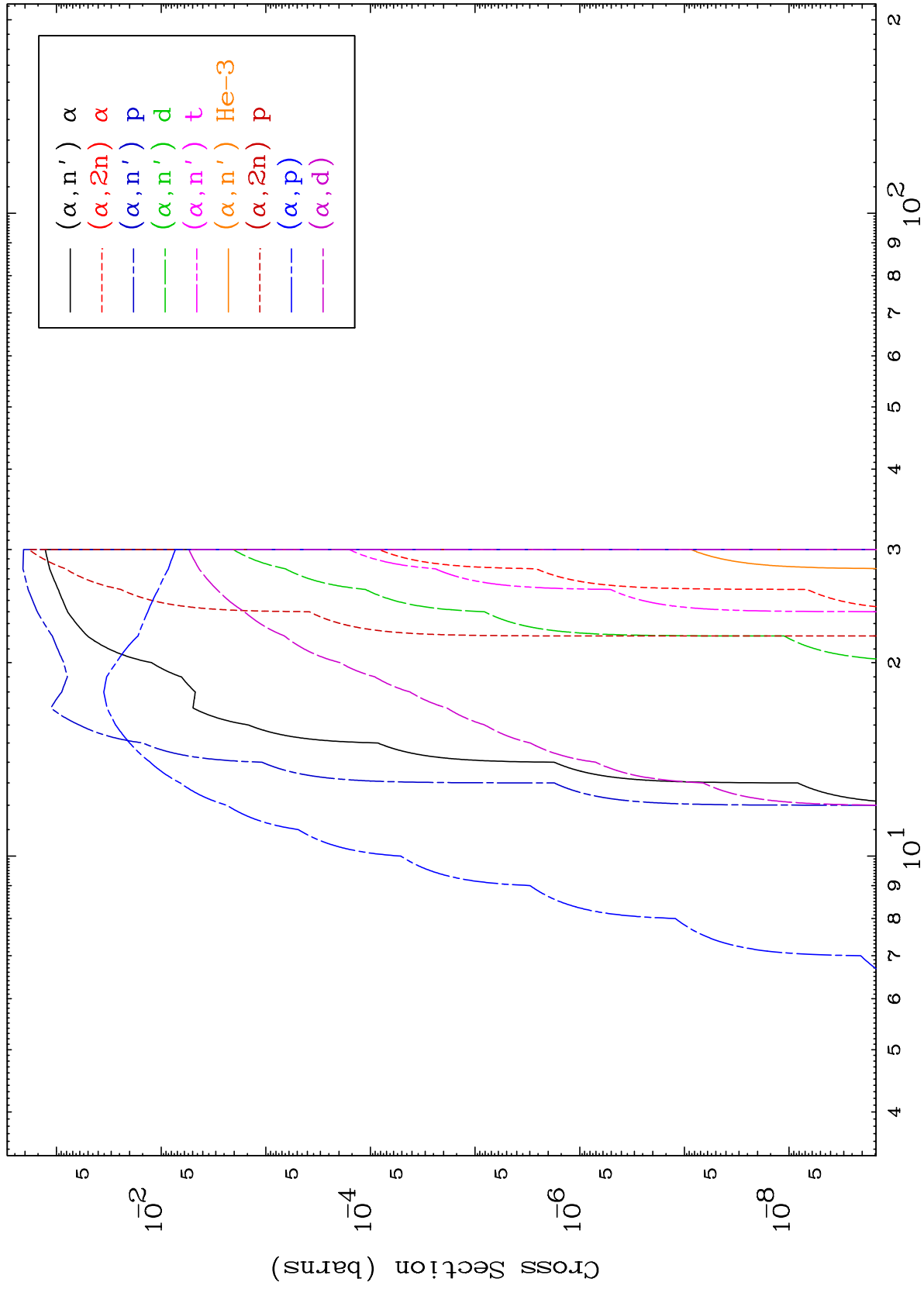
41-Nb-92



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Incident Energy (MeV)

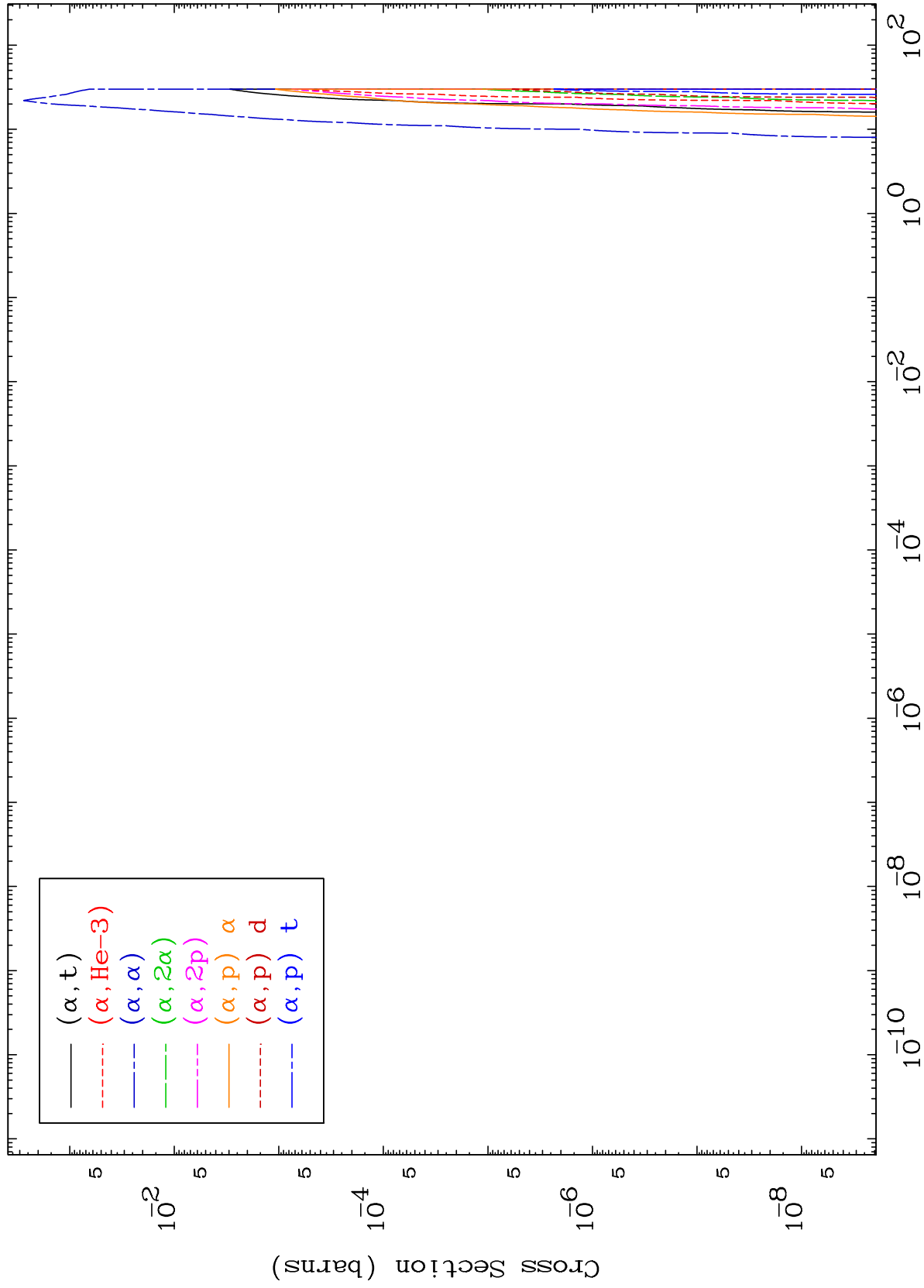
41-Nb-92



MAT 4123

α Charged Particle
0 Kelvin Cross Sections

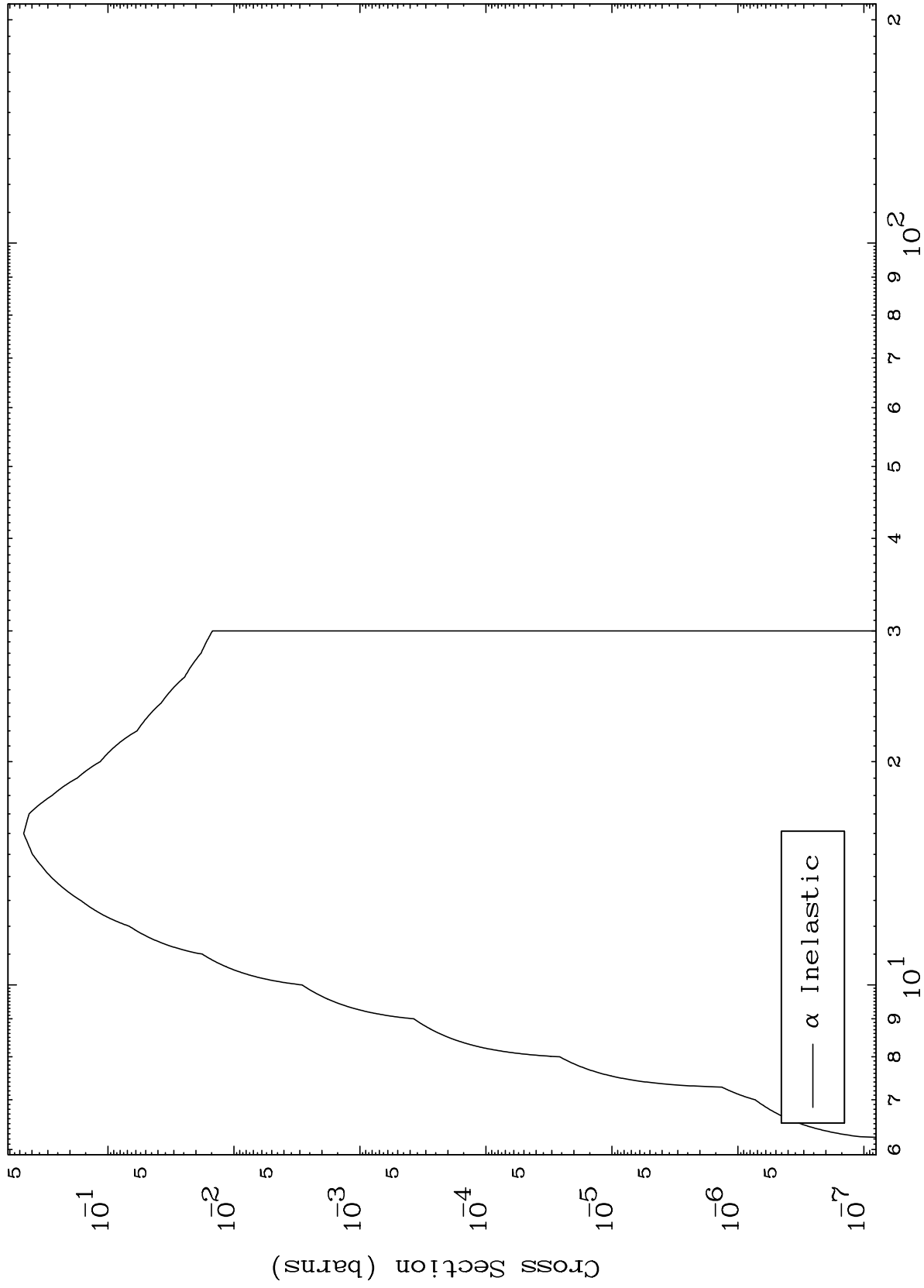
41-Nb-92



MAT 4123

(α, n') Level
0 Kelvin Cross Sections

41-Nb-92



5

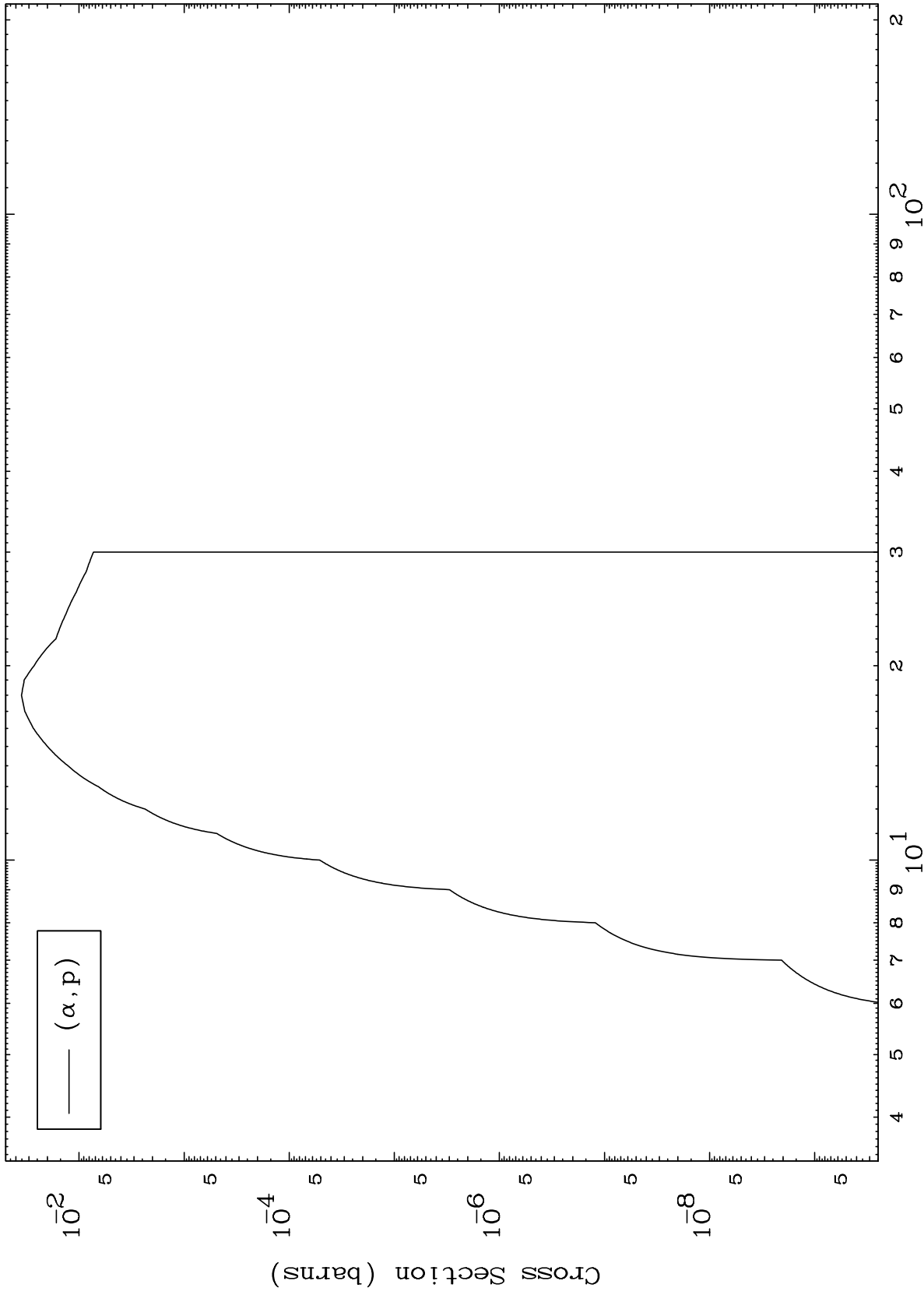
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-92



6

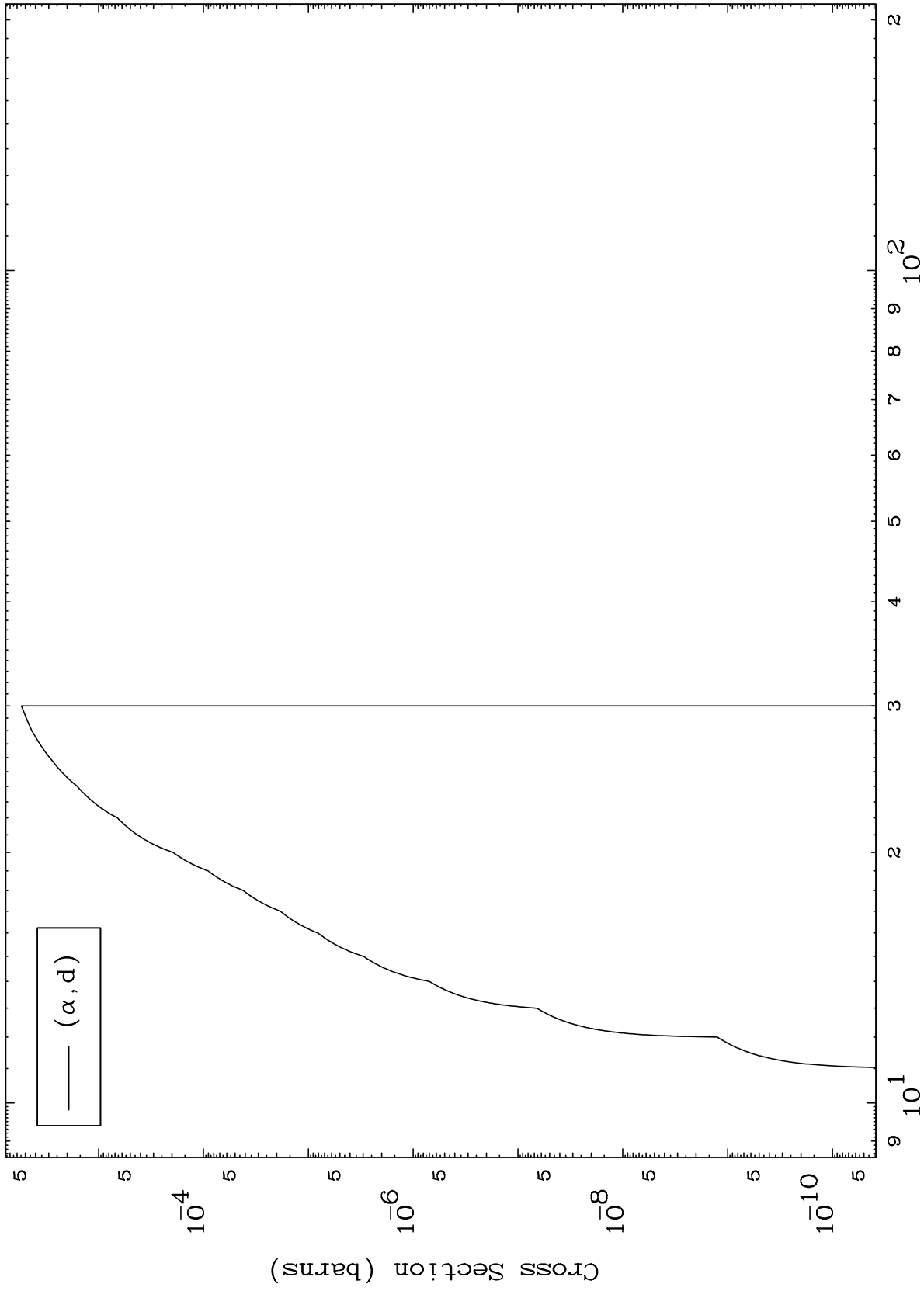
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, d) Levels
0 Kelvin Cross Sections

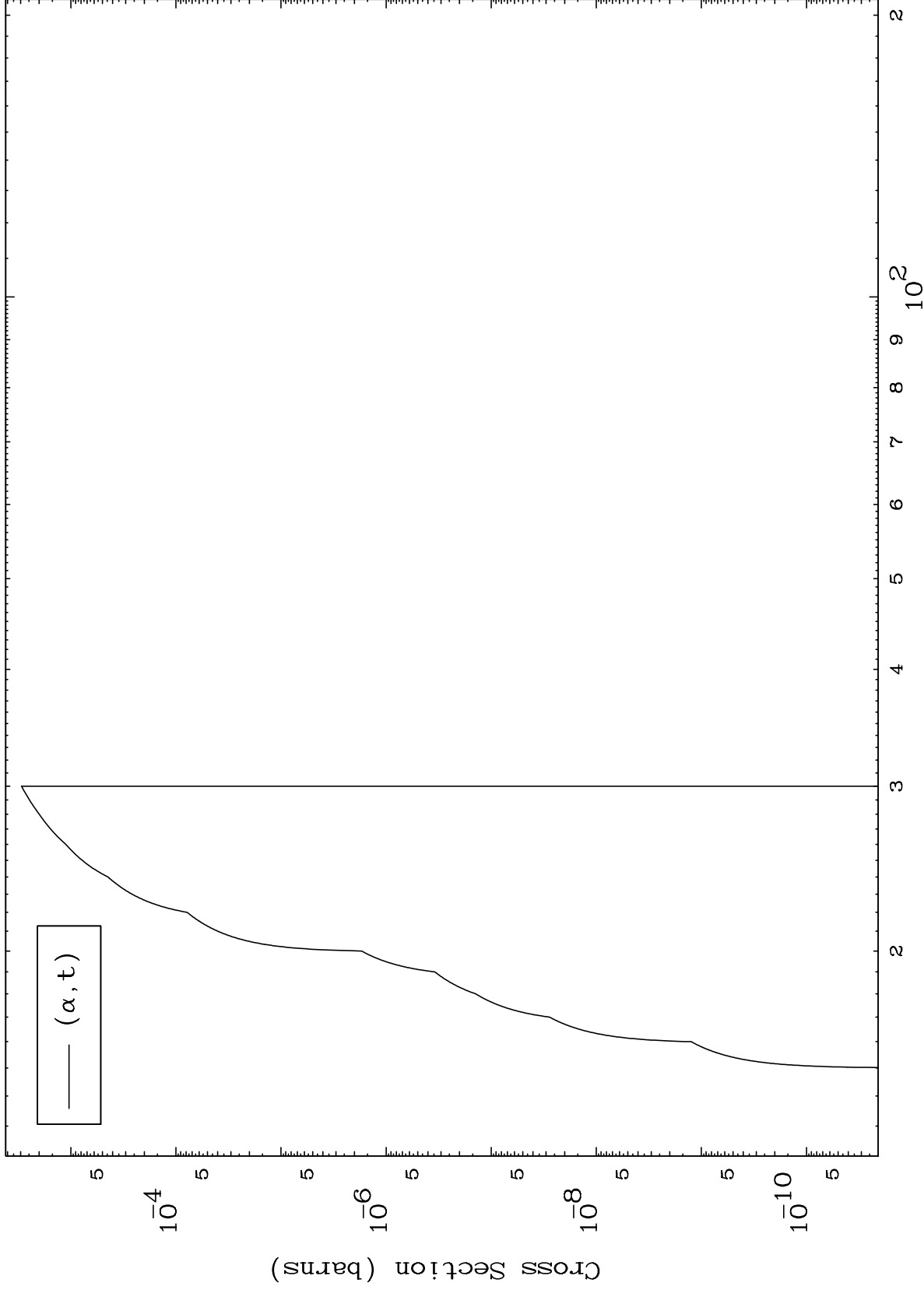
41-Nb-92

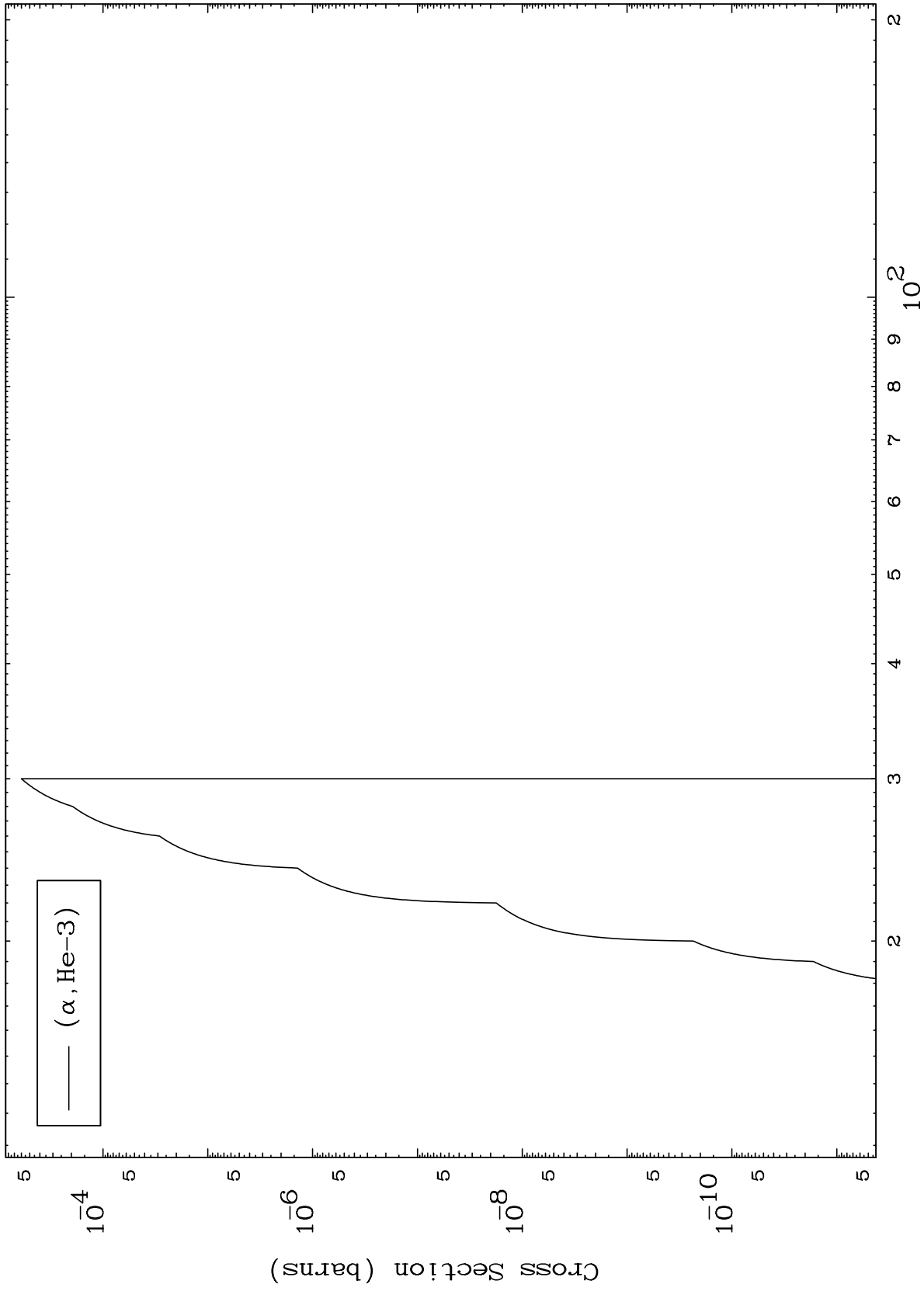


7

Incident Energy (MeV)

41-Nb-92

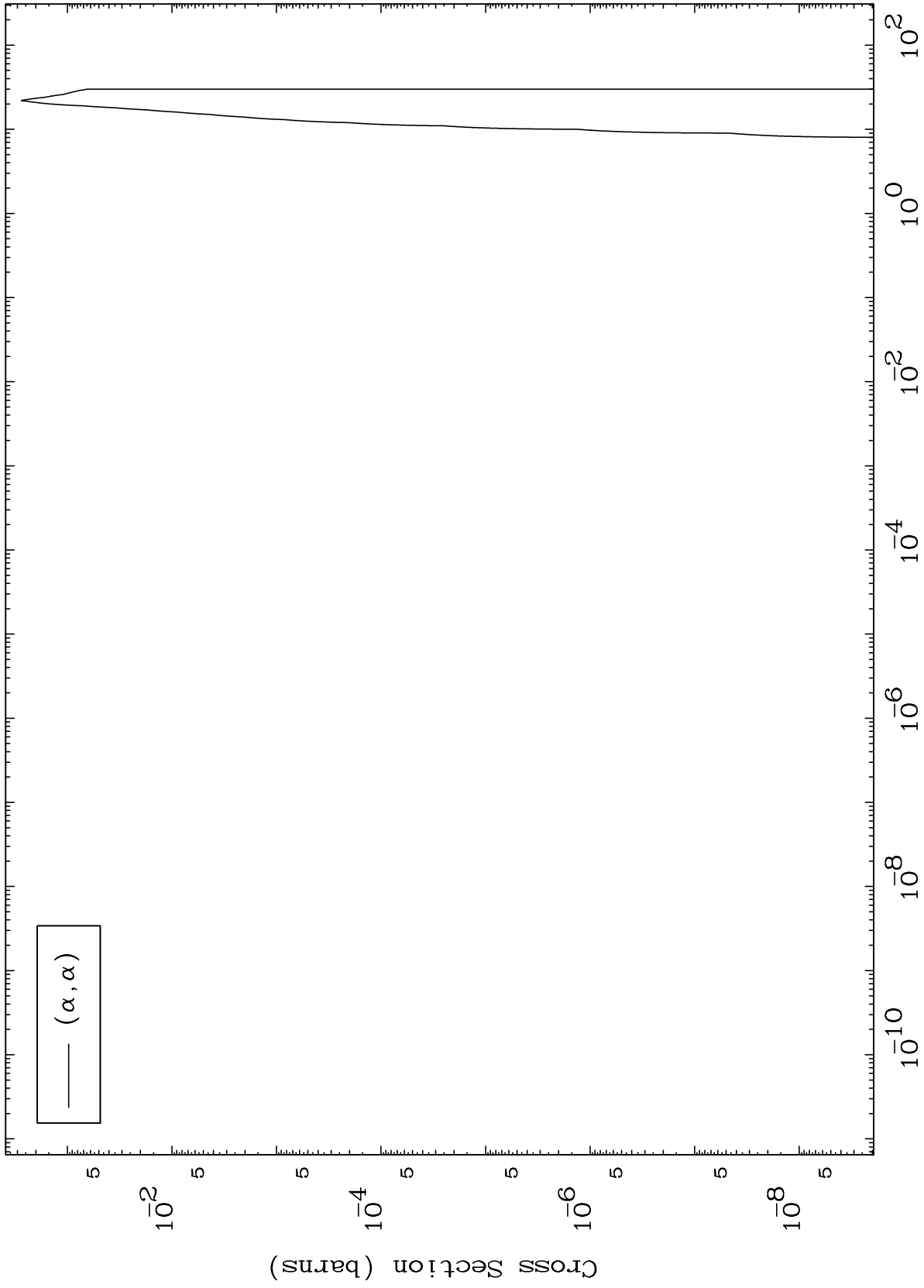




MAT 4123

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-92



10

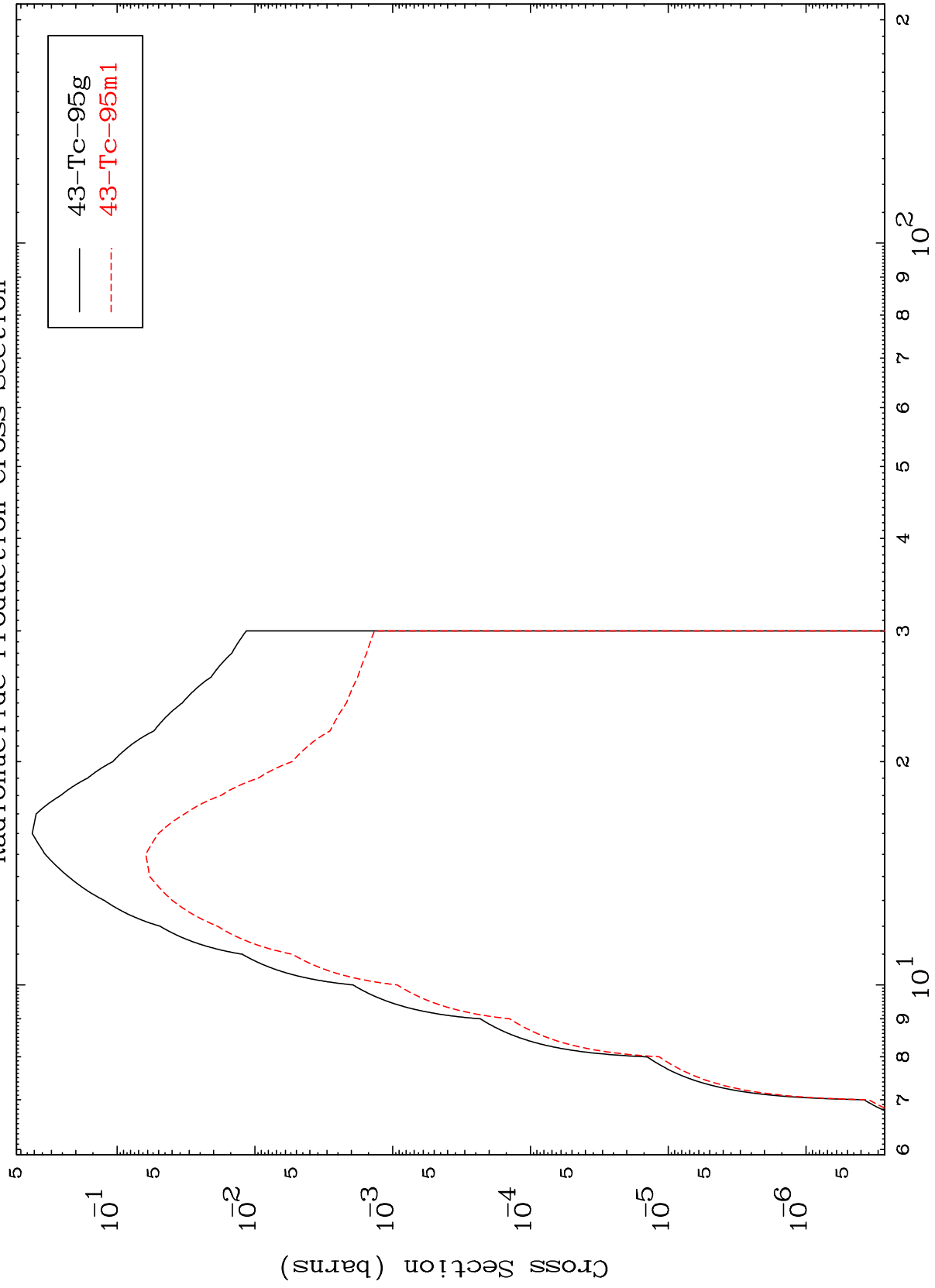
Incident Energy (MeV)

41-Nb-92

MAT 4123

α Inelastic
Radionuclide Production Cross Section

41-Nb-92



11

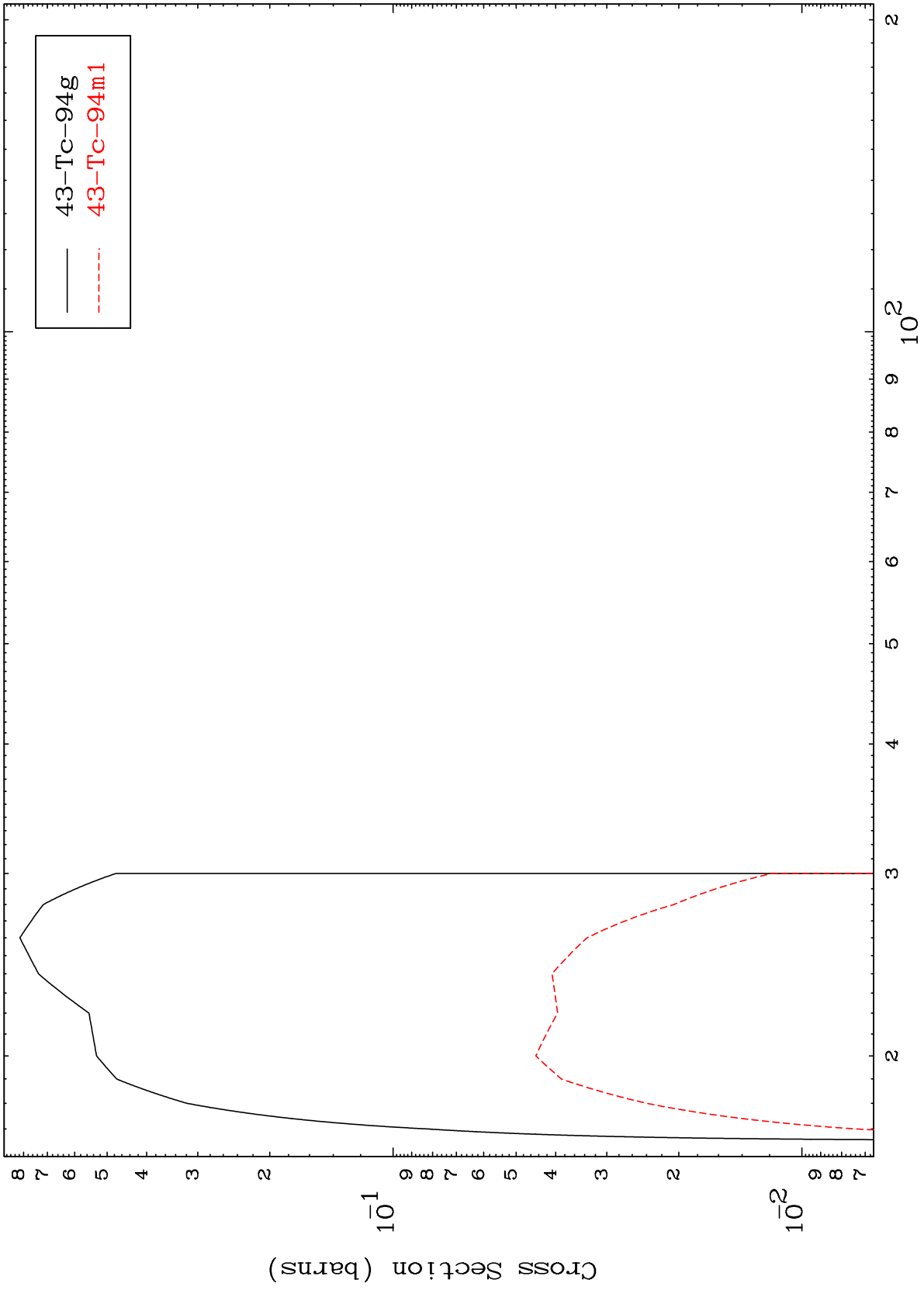
Incident Energy (MeV)

41-Nb-92

MAT 4123

41-Nb-92

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



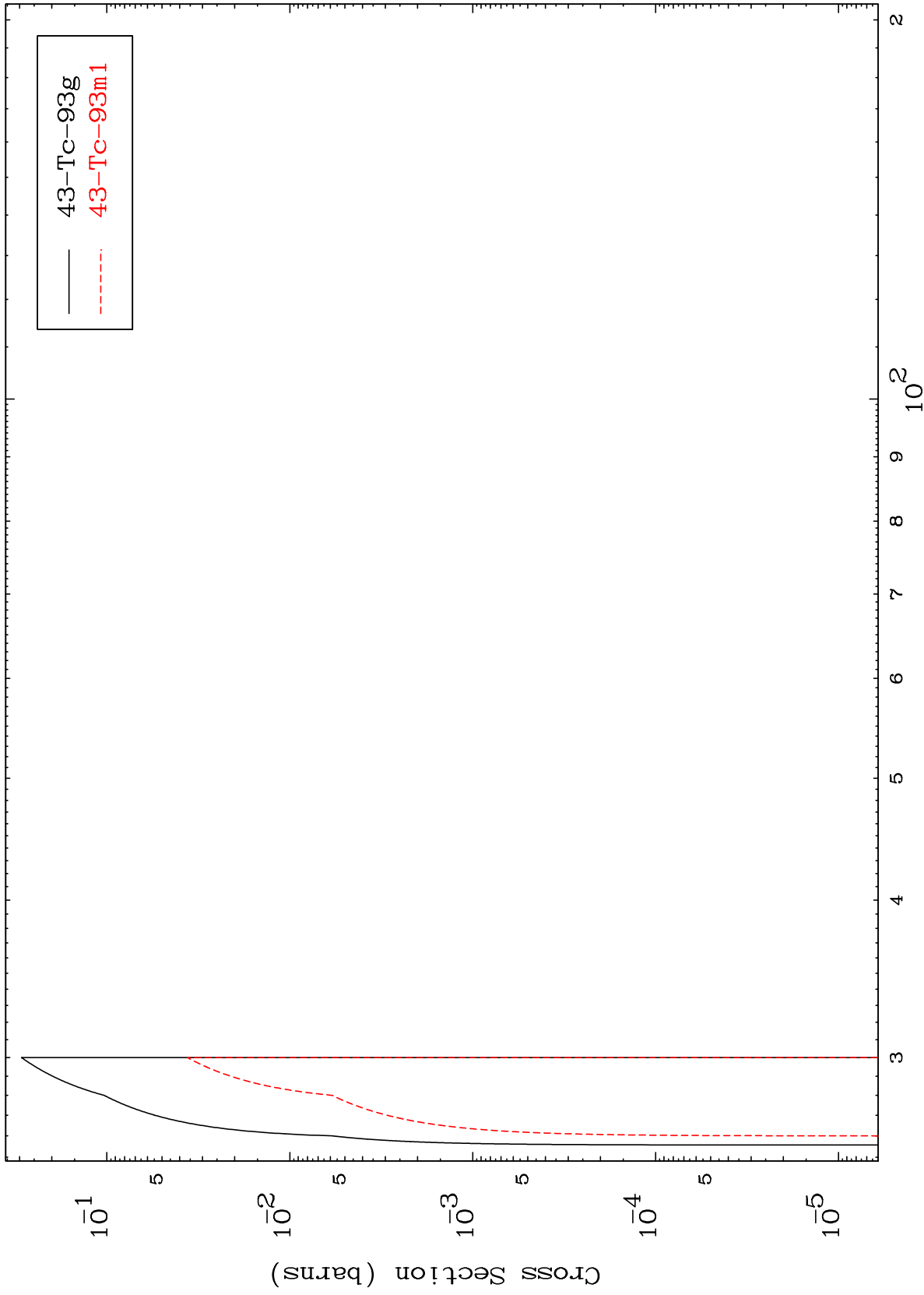
12

41-Nb-92

MAT 4123

41-Nb-92

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



13

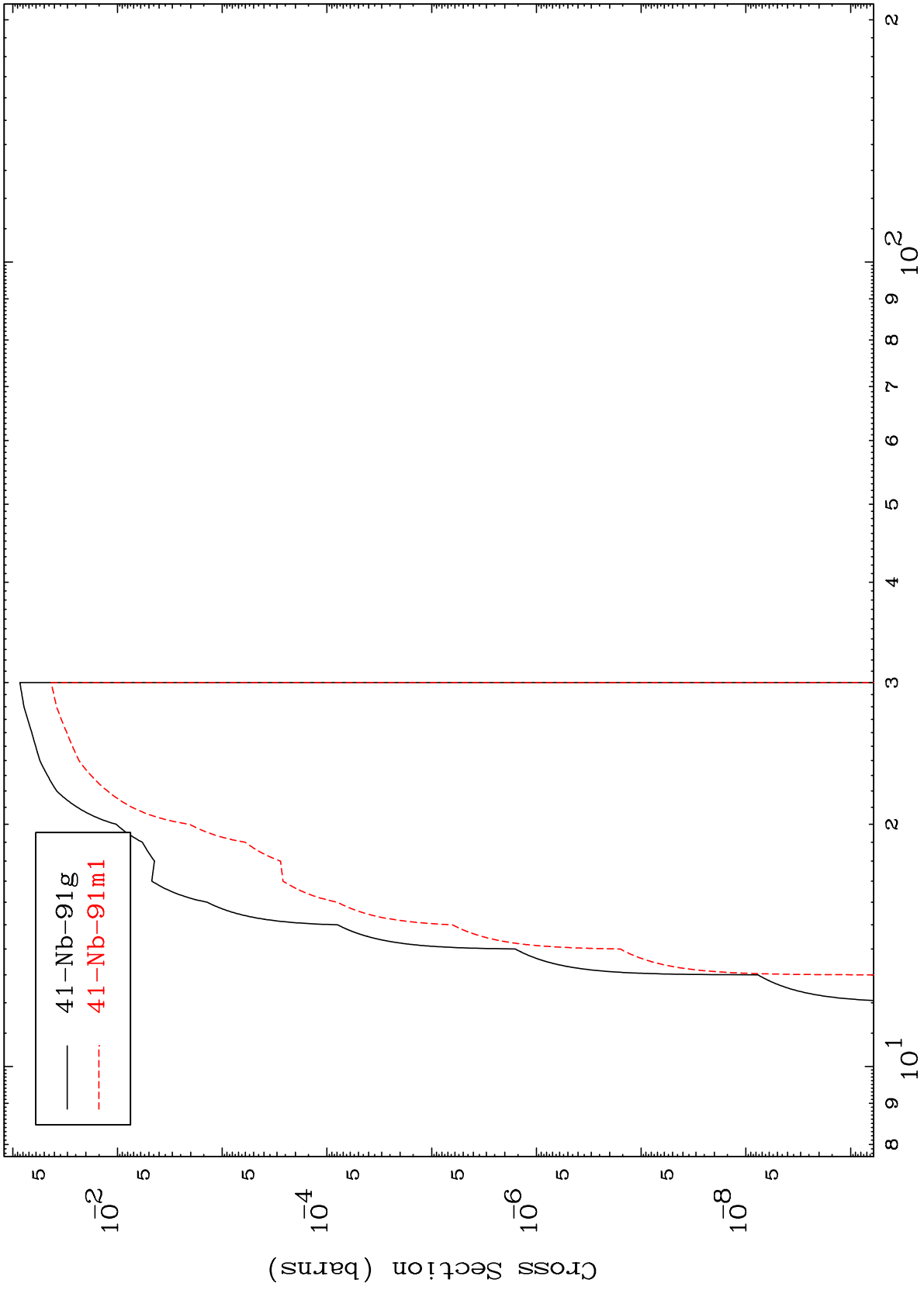
41-Nb-92

MAT 4123

(α, n') α

41-Nb-92

Radionuclide Production Cross Section



14

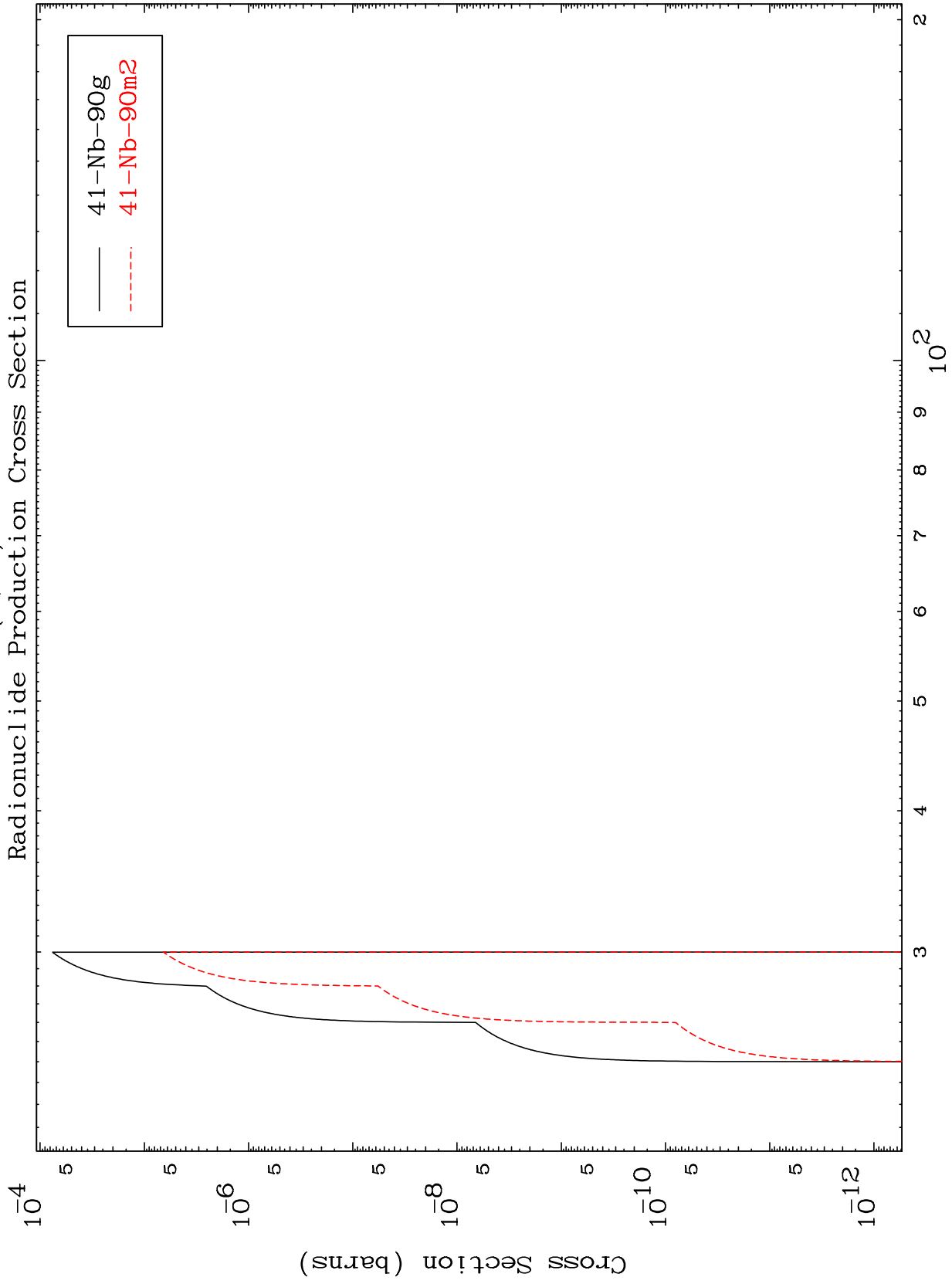
Incident Energy (MeV)

41-Nb-92

MAT 4123

$(\alpha, 2n) \alpha$

41-Nb-92



15

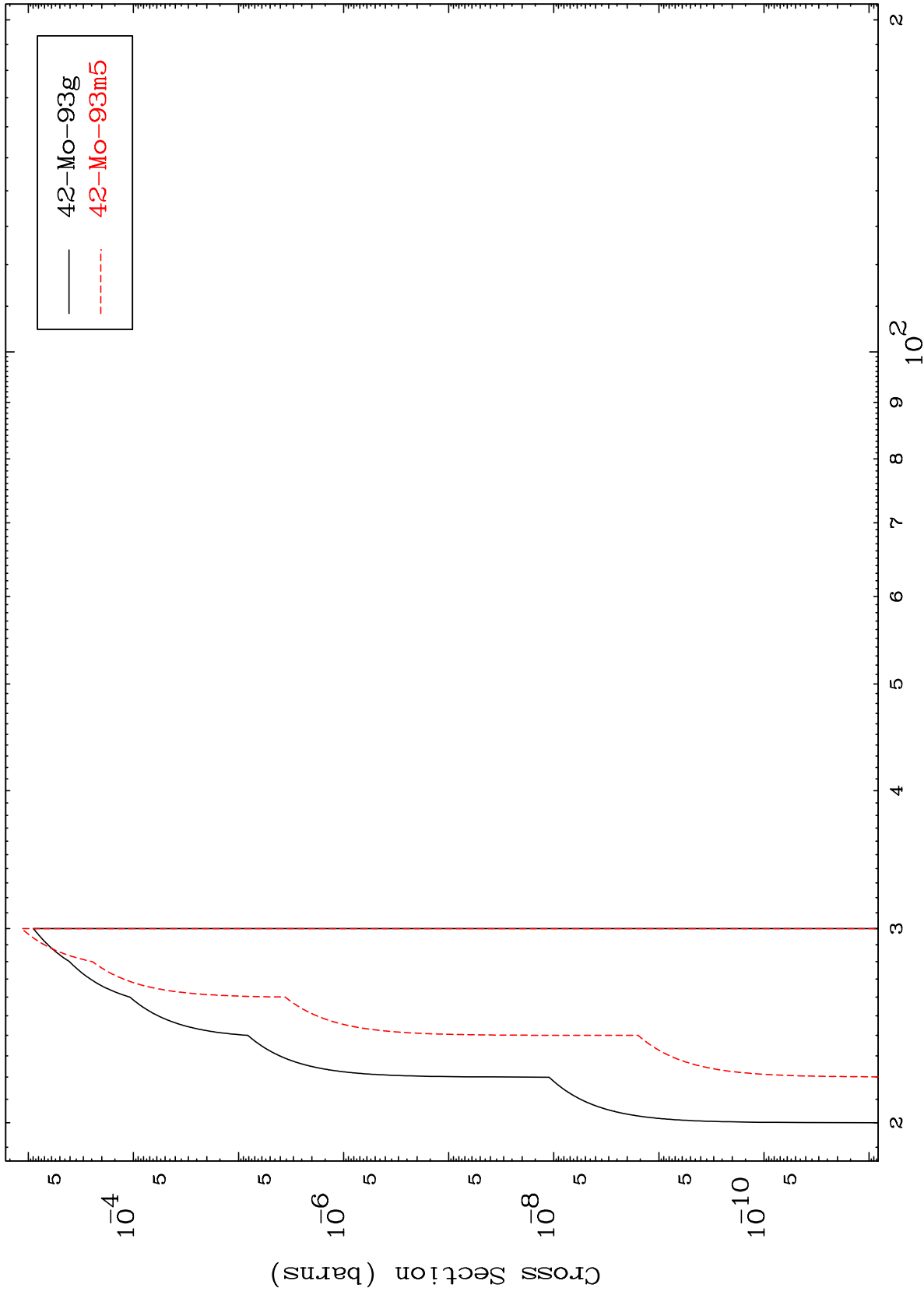
41-Nb-92

MAT 4123

(α, n') d

41-Nb-92

Radionuclide Production Cross Section

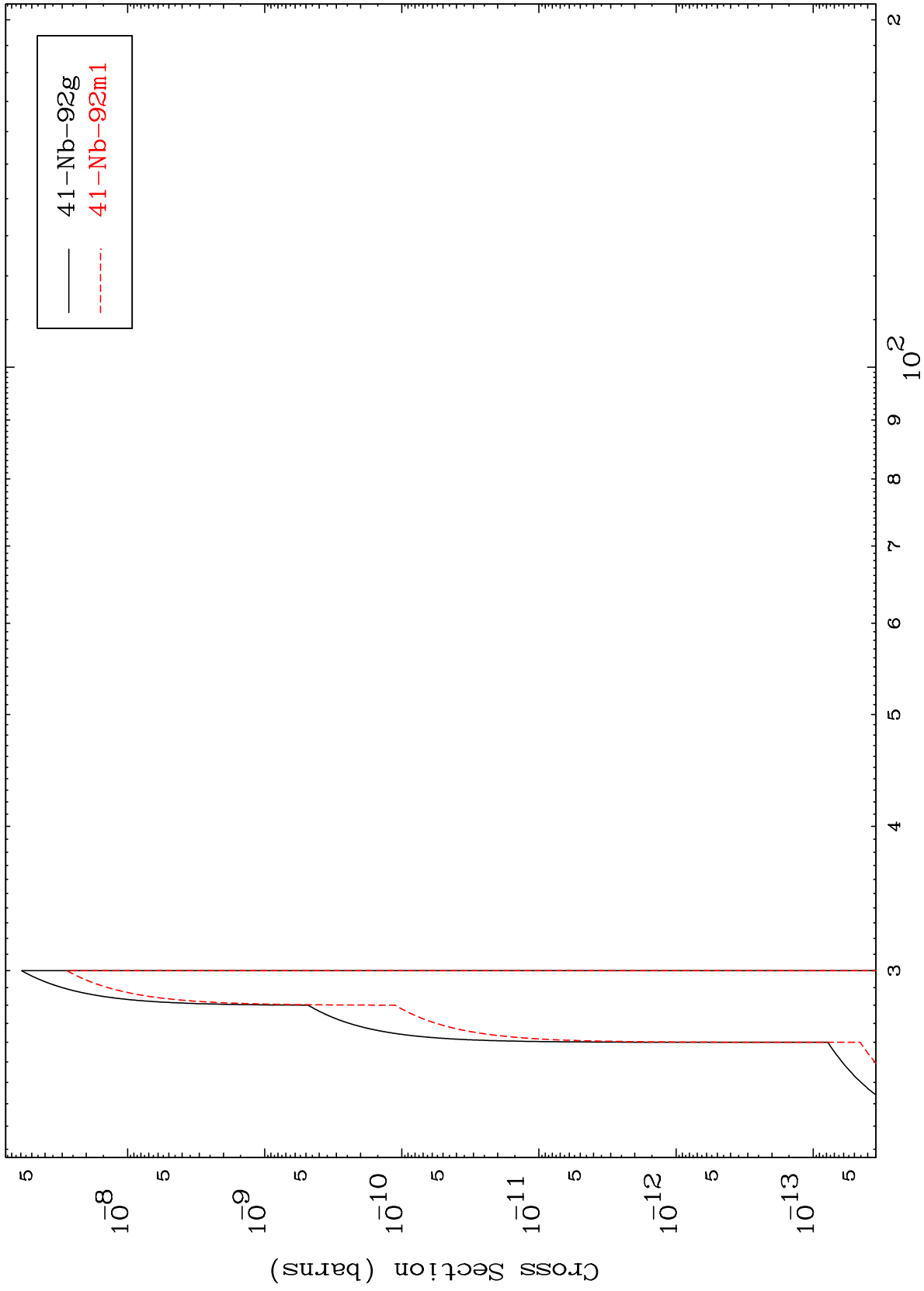


16

Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section

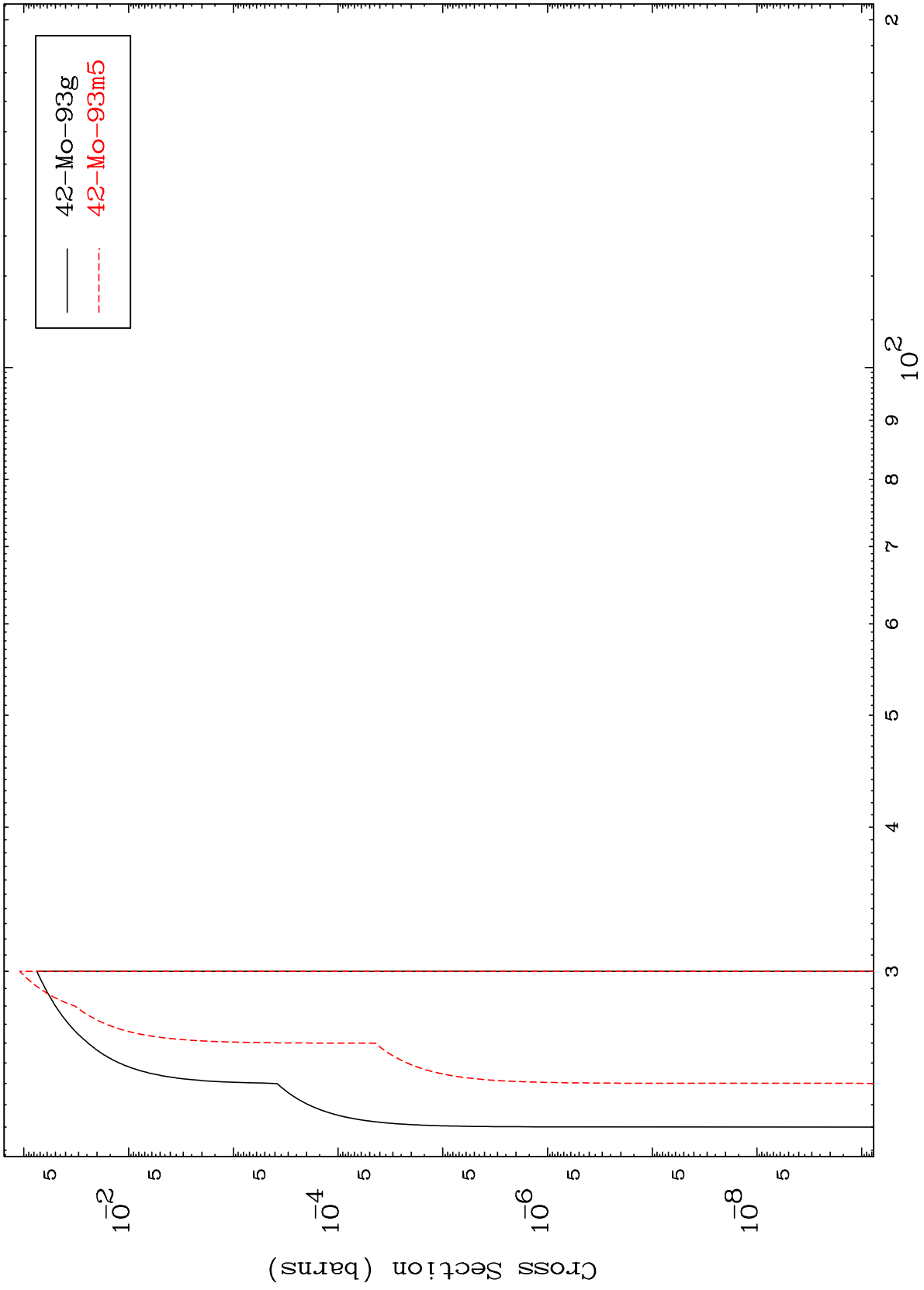


MAT 4123

($\alpha, 2n$) p

41-Nb-92

Radionuclide Production Cross Section



18

Incident Energy (MeV)

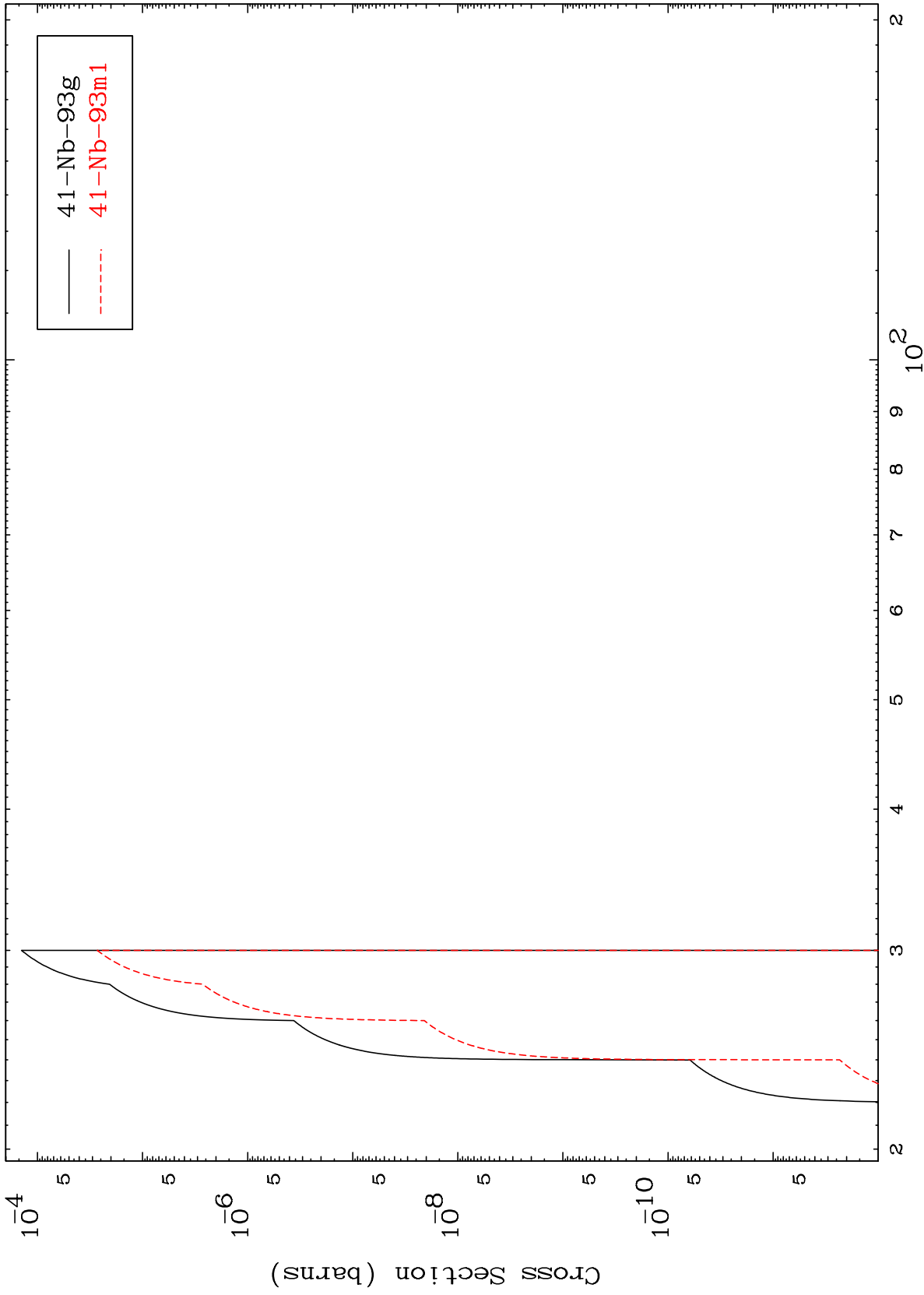
41-Nb-92

MAT 4123

($\alpha, 2n$) p

41-Nb-92

Radionuclide Production Cross Section



19

Incident Energy (MeV)

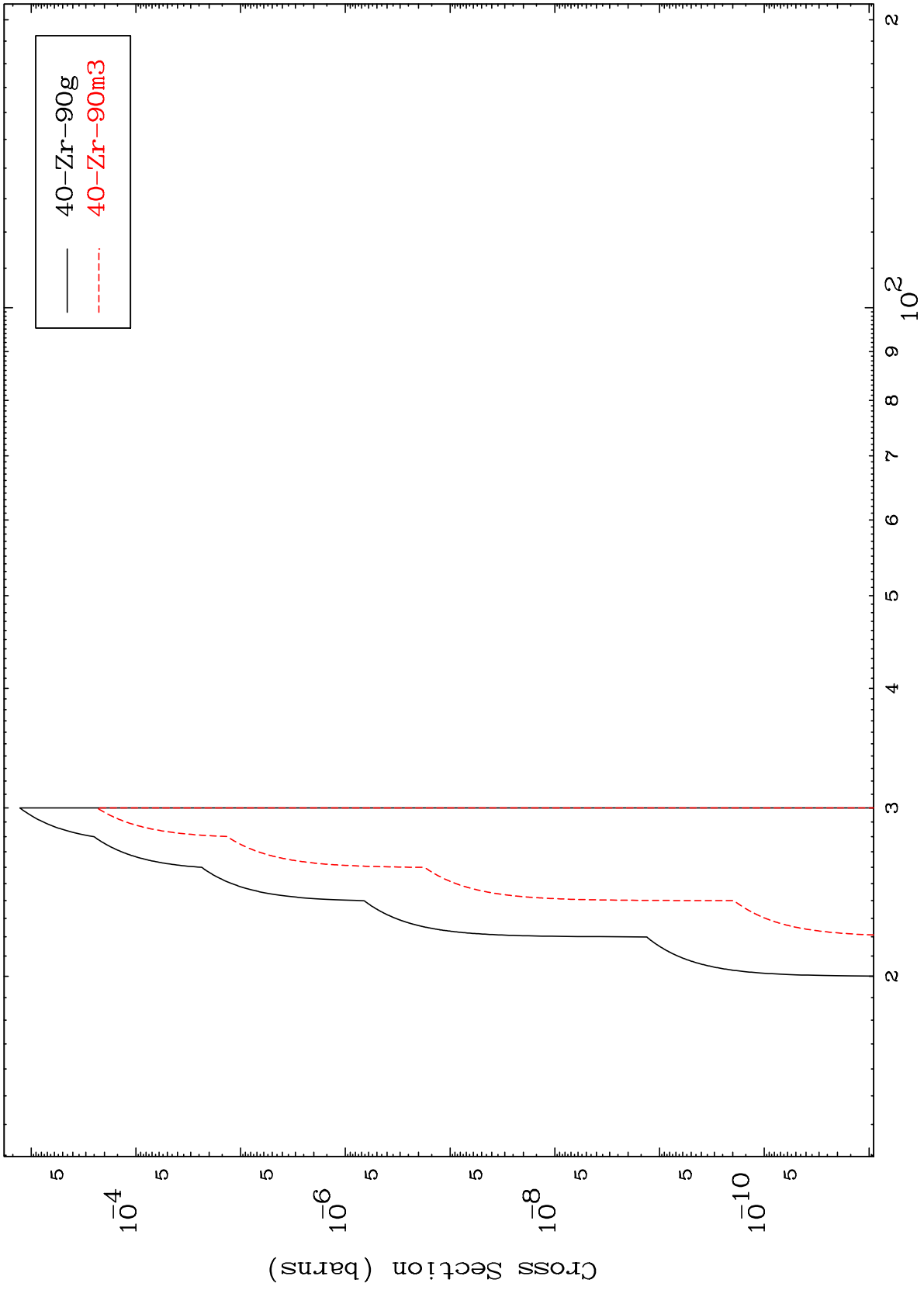
41-Nb-92

MAT 4123

(α, n') p α

41-Nb-92

Radionuclide Production Cross Section



20

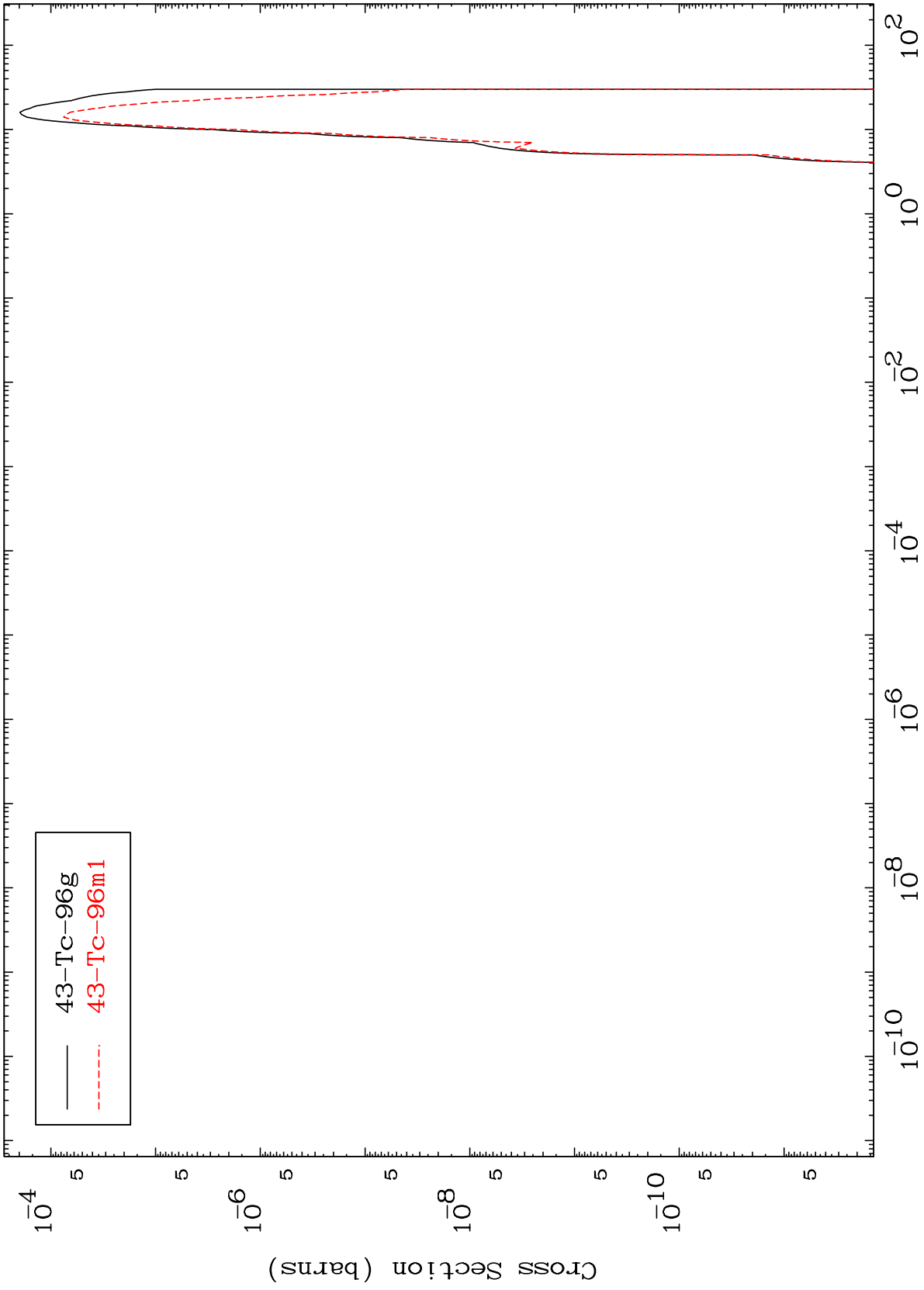
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, γ)
Radionuclide Production Cross Section

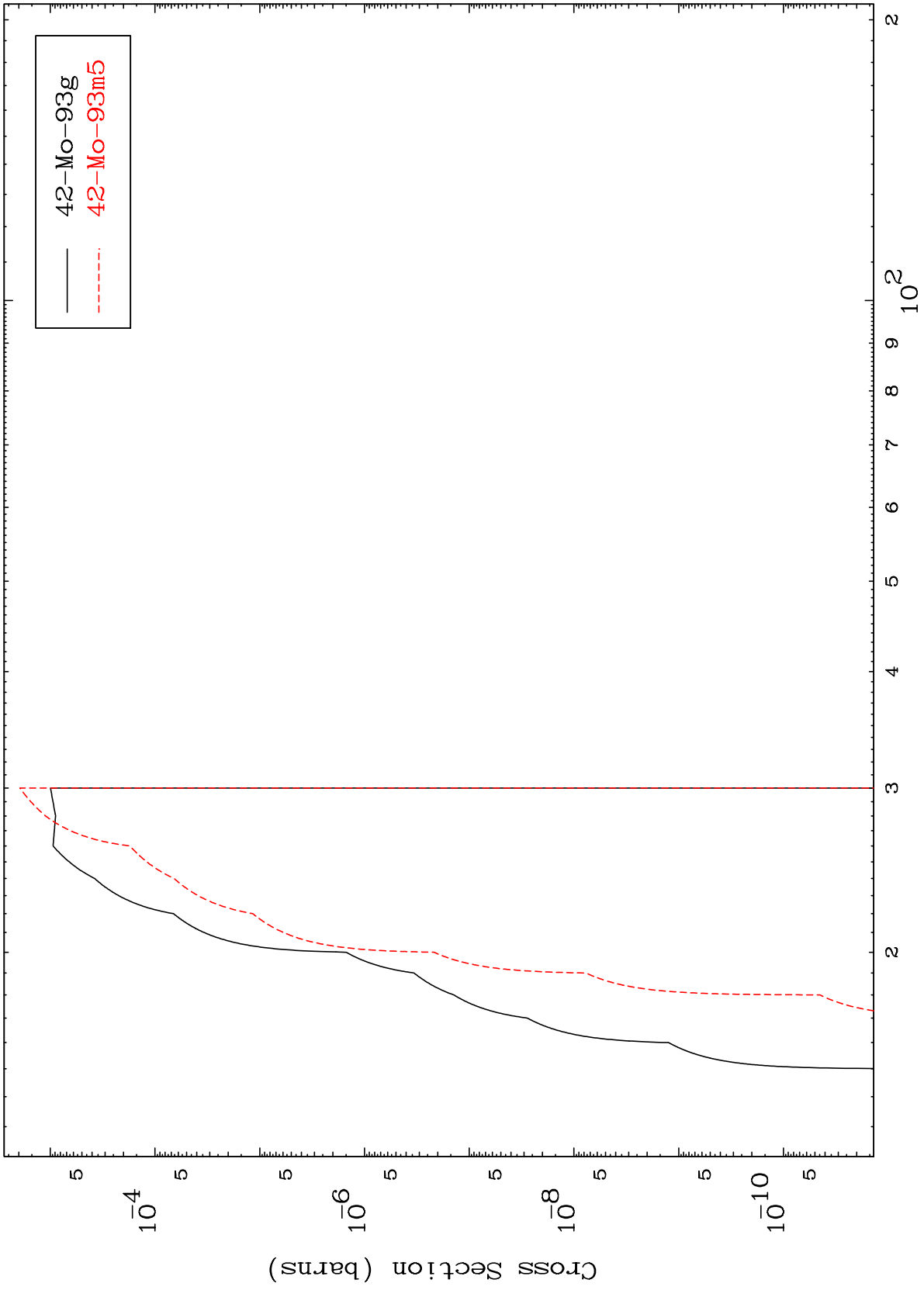
41-Nb-92



MAT 4123

41-Nb-92

(α, t)
Radionuclide Production Cross Section



22

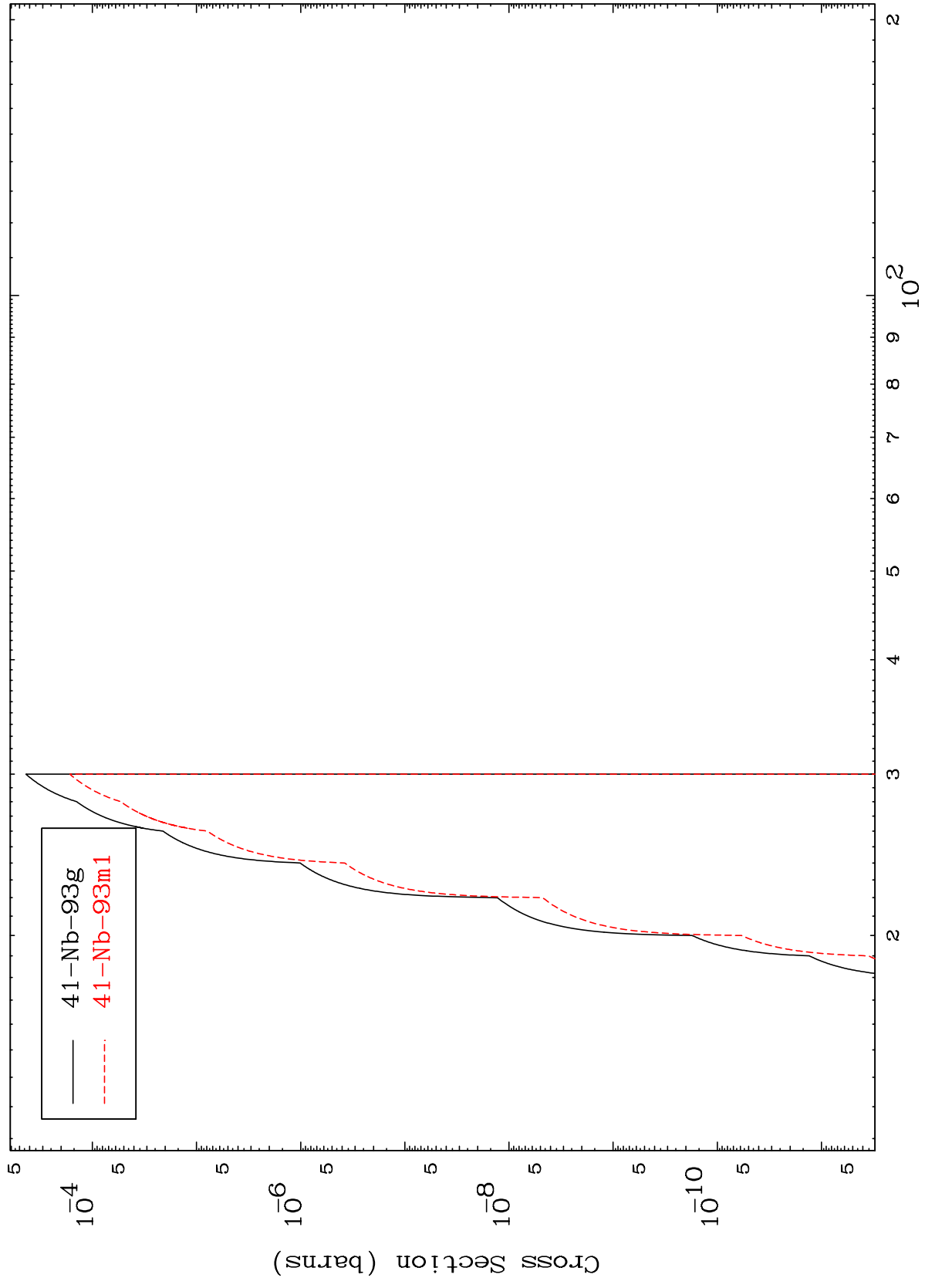
41-Nb-92

MAT 4123

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

41-Nb-92

Radionuclide Production Cross Section



23

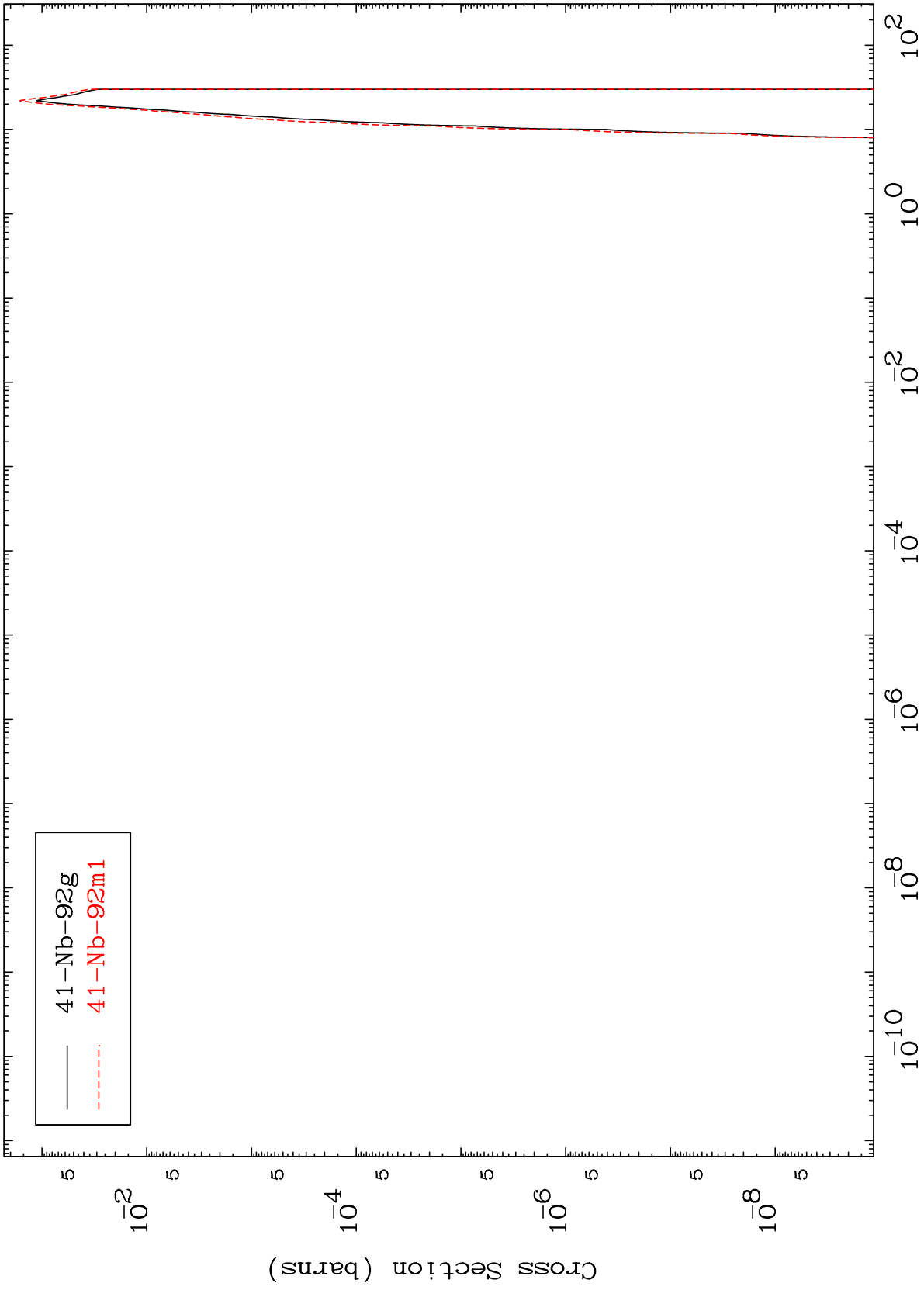
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, α)
Radionuclide Production Cross Section

41-Nb-92



24

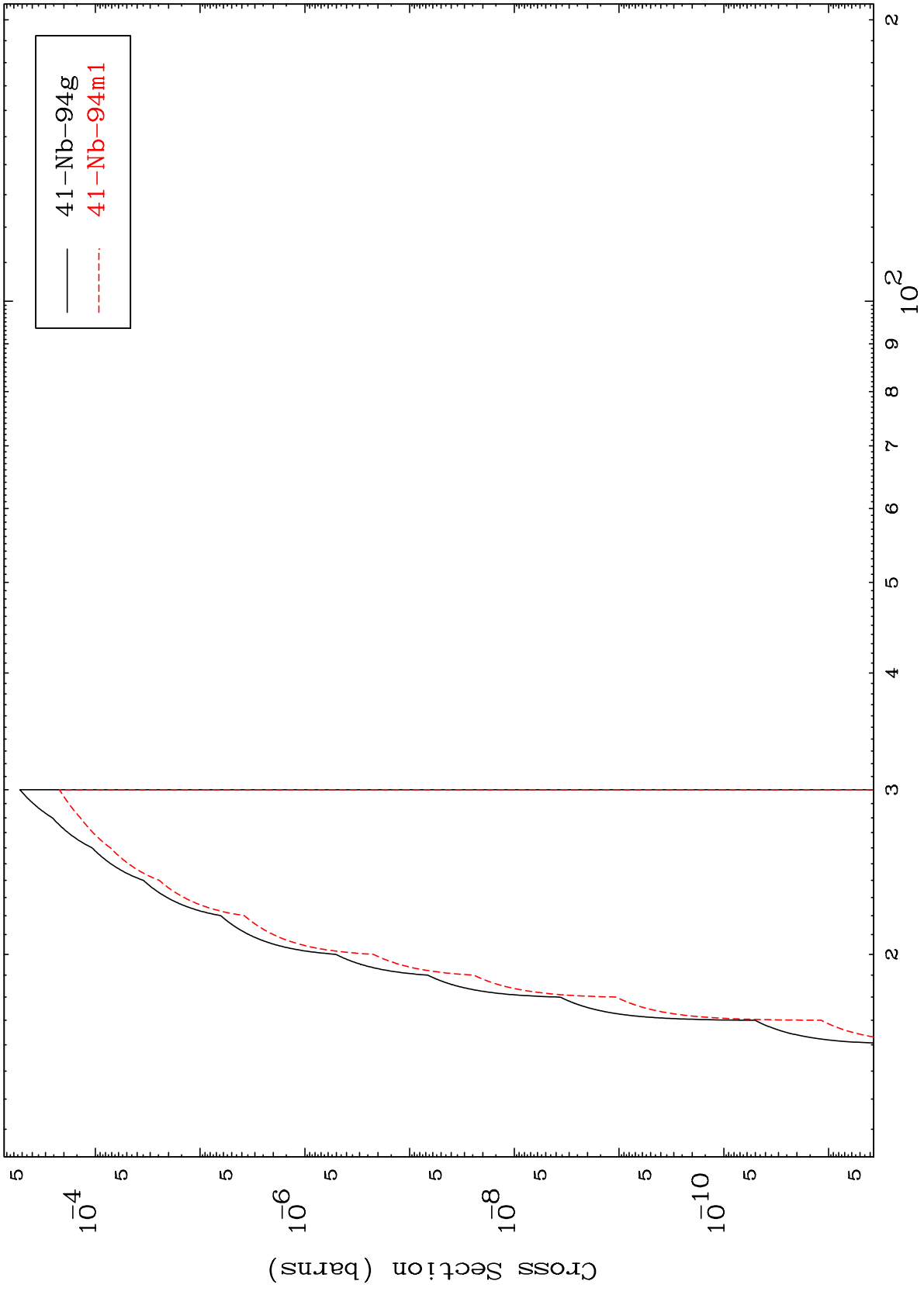
Incident Energy (MeV)

41-Nb-92

MAT 4123

41-Nb-92

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



25

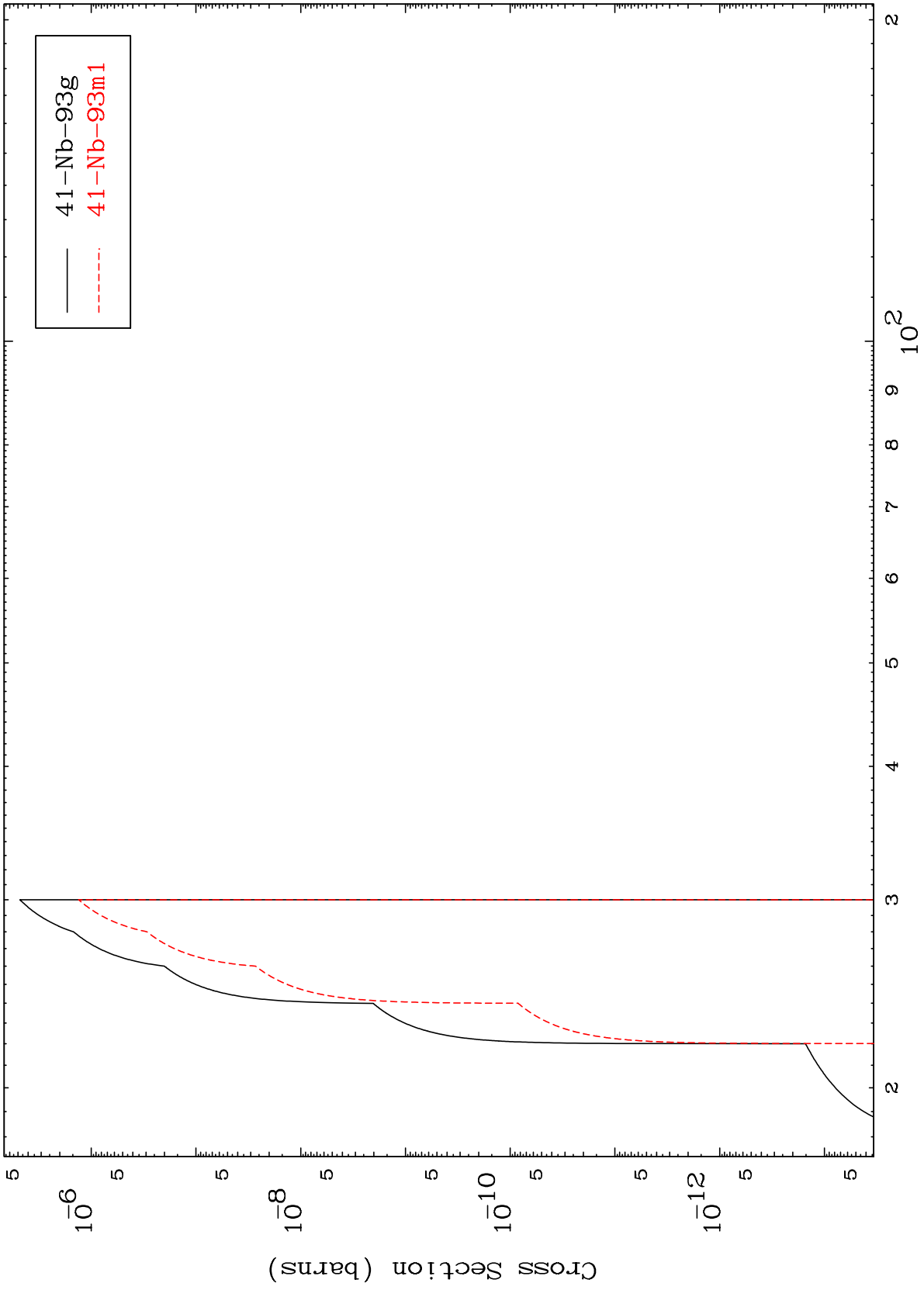
41-Nb-92

MAT 4123

(α, p) d

41-Nb-92

Radionuclide Production Cross Section



26

Incident Energy (MeV)

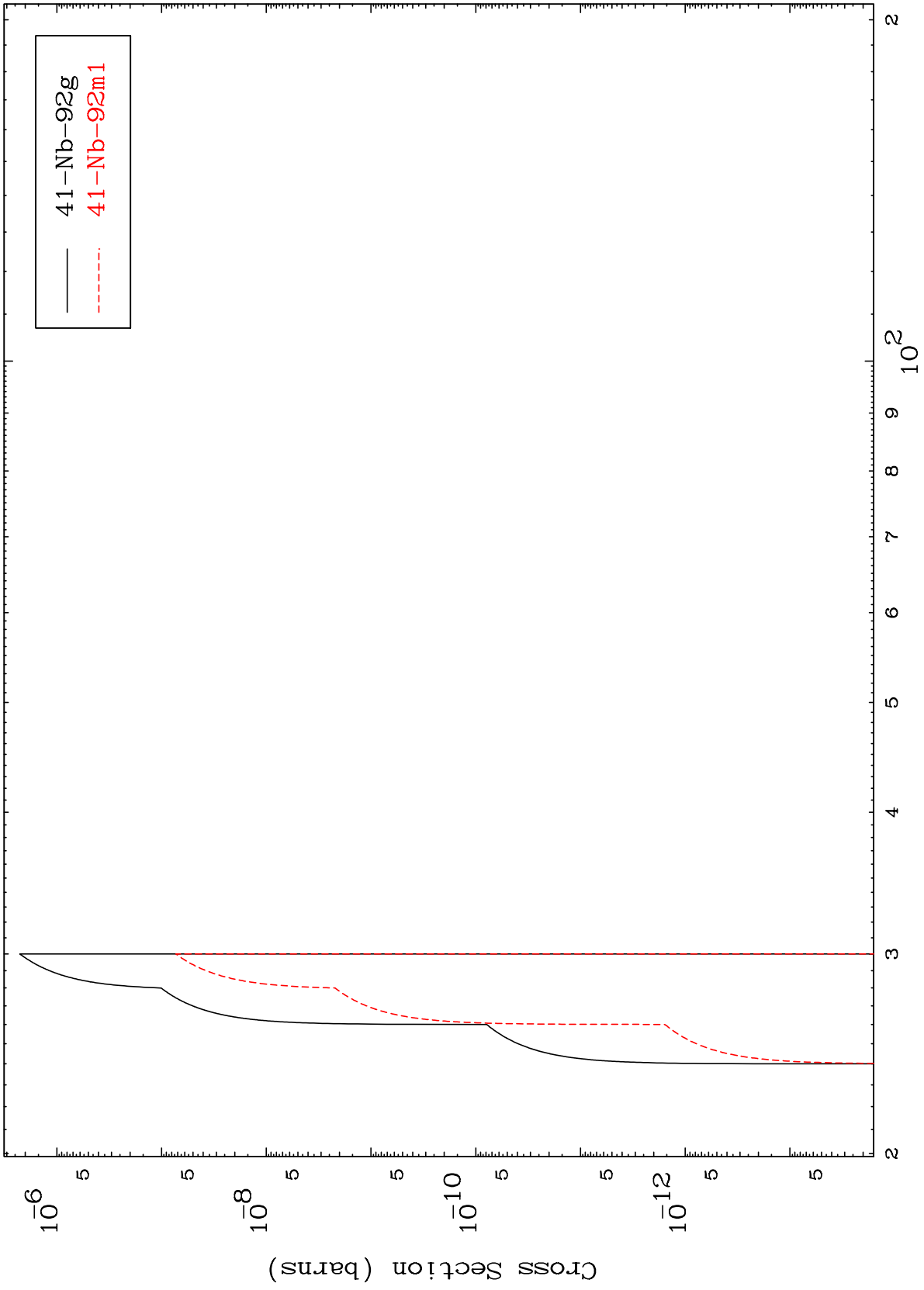
41-Nb-92

MAT 4123

(α, p) t

41-Nb-92

Radionuclide Production Cross Section



27

Incident Energy (MeV)

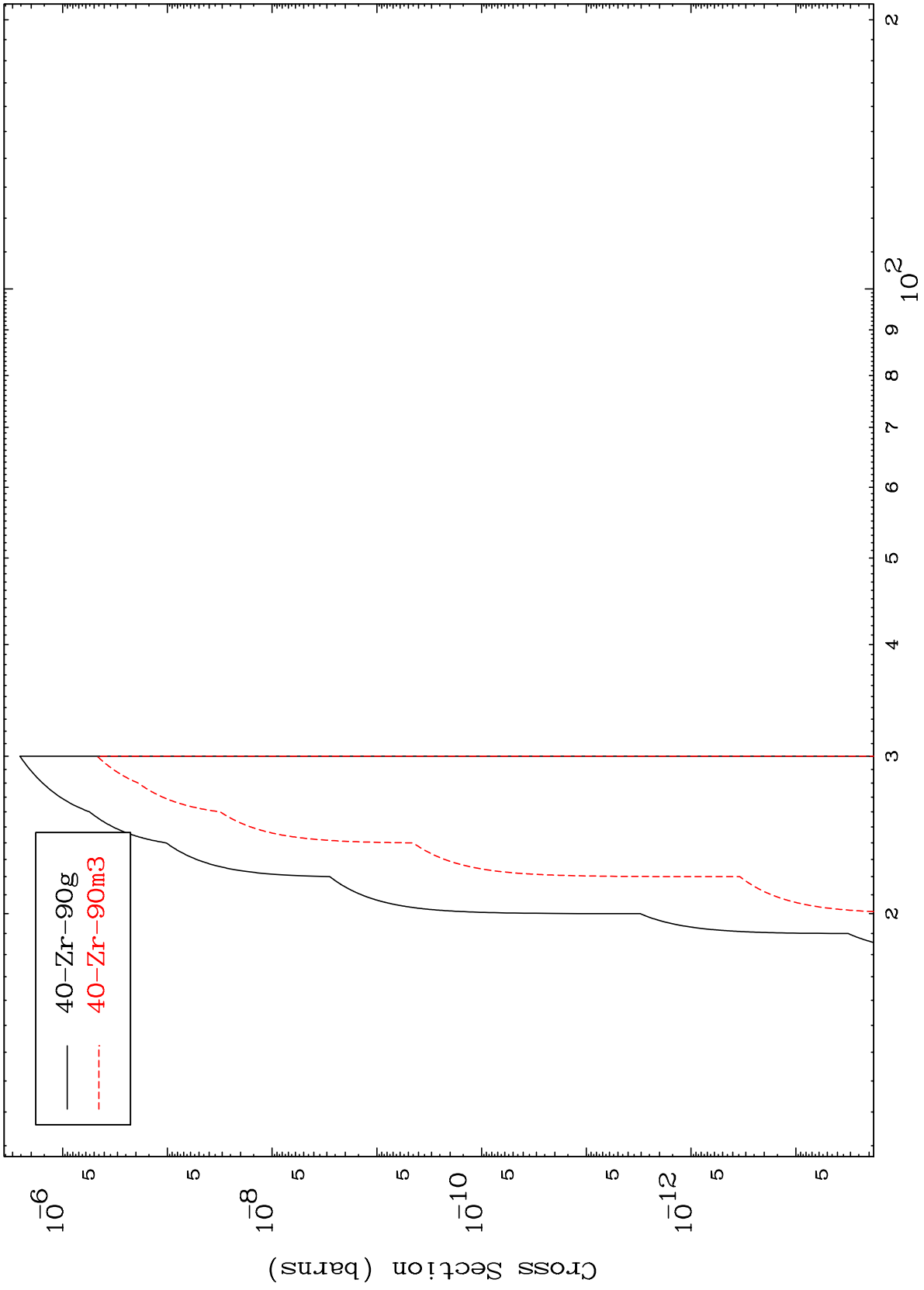
41-Nb-92

MAT 4123

(α, d) α

41-Nb-92

Radionuclide Production Cross Section



28

Incident Energy (MeV)

41-Nb-92