

Program EVALPLOT
(Version 2018-1)

by

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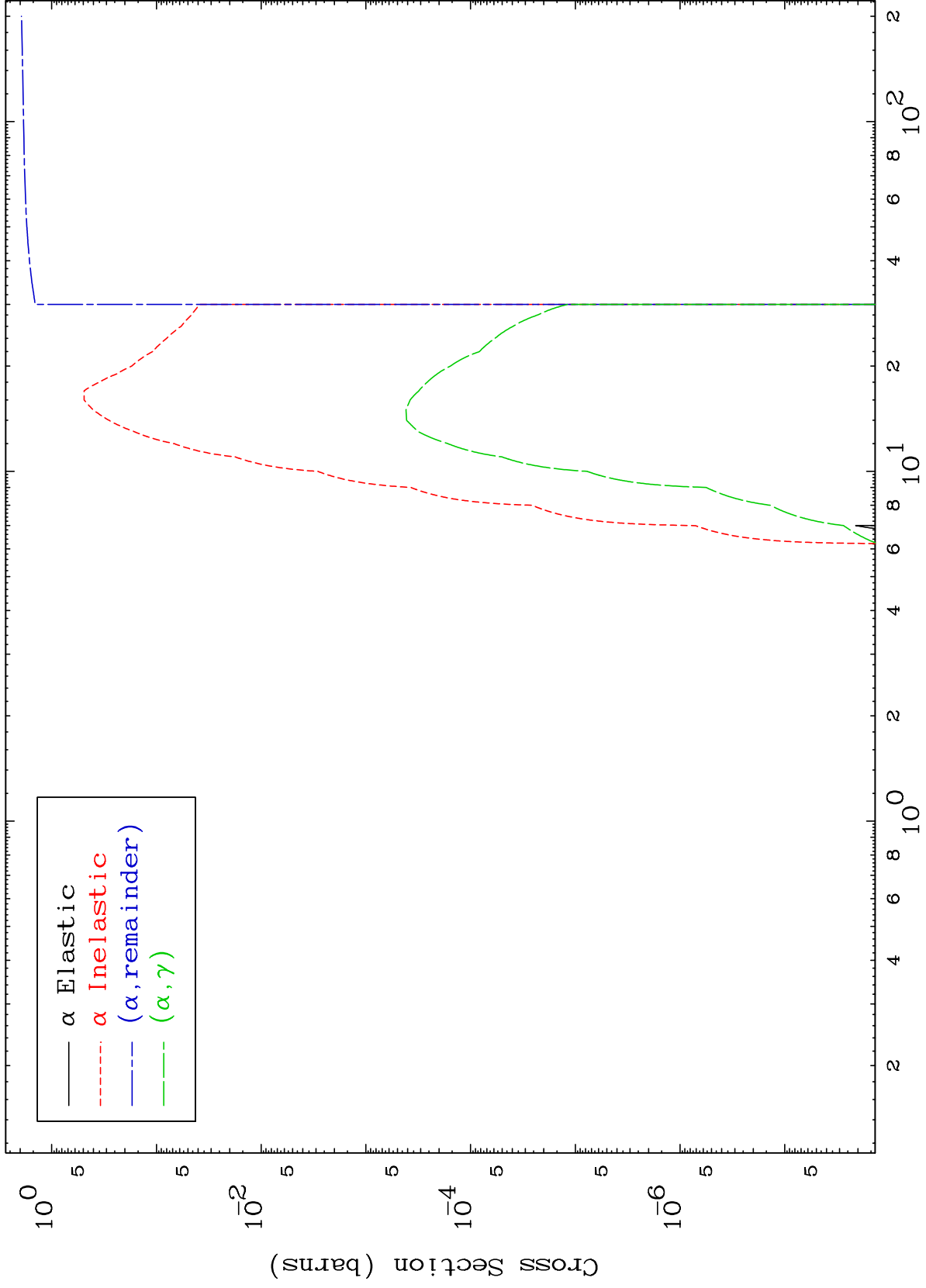
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4123

0 Kelvin Major α Cross Sections

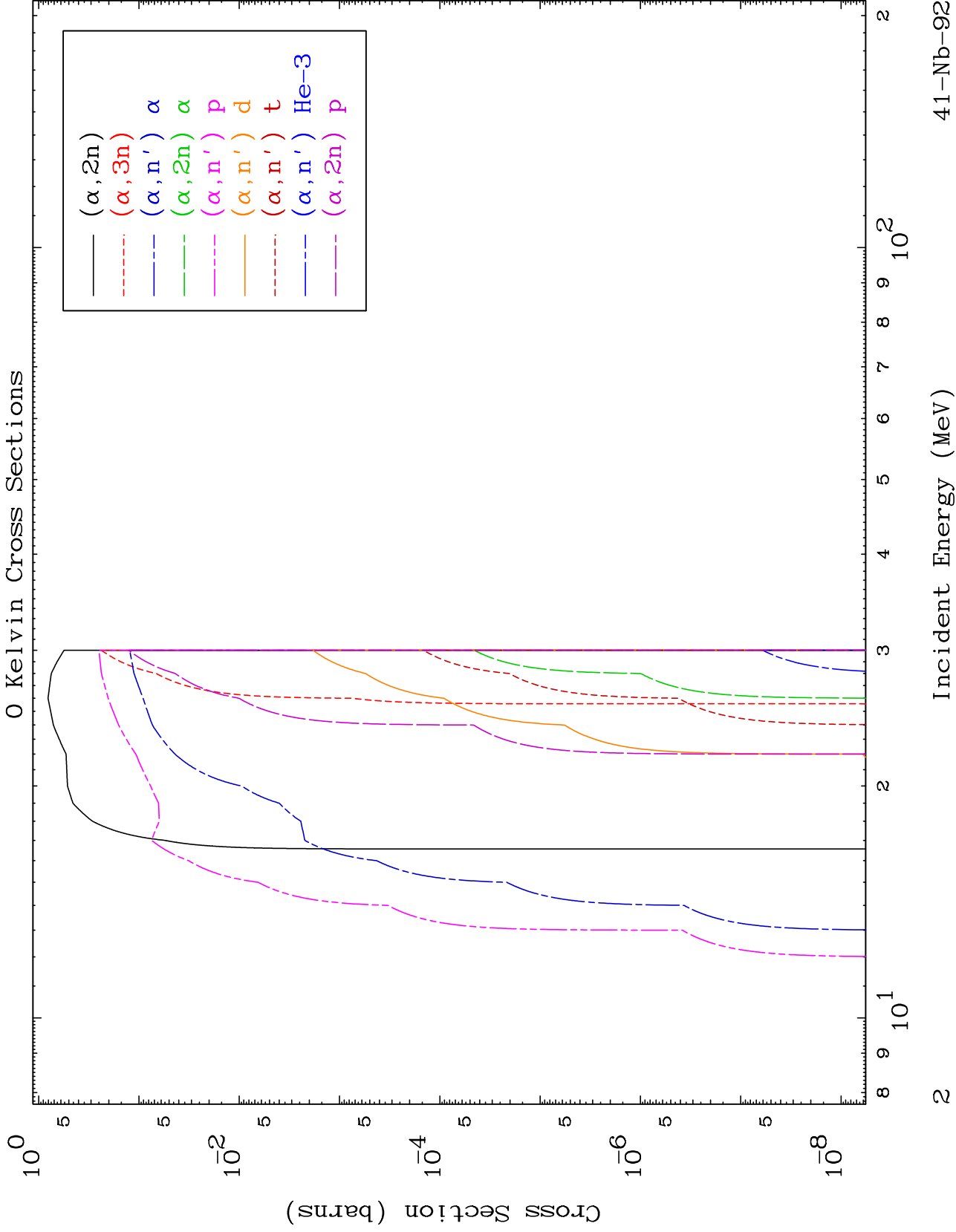
41-Nb-92



MAT 4123

α Neutron Production
0 Kelvin Cross Sections

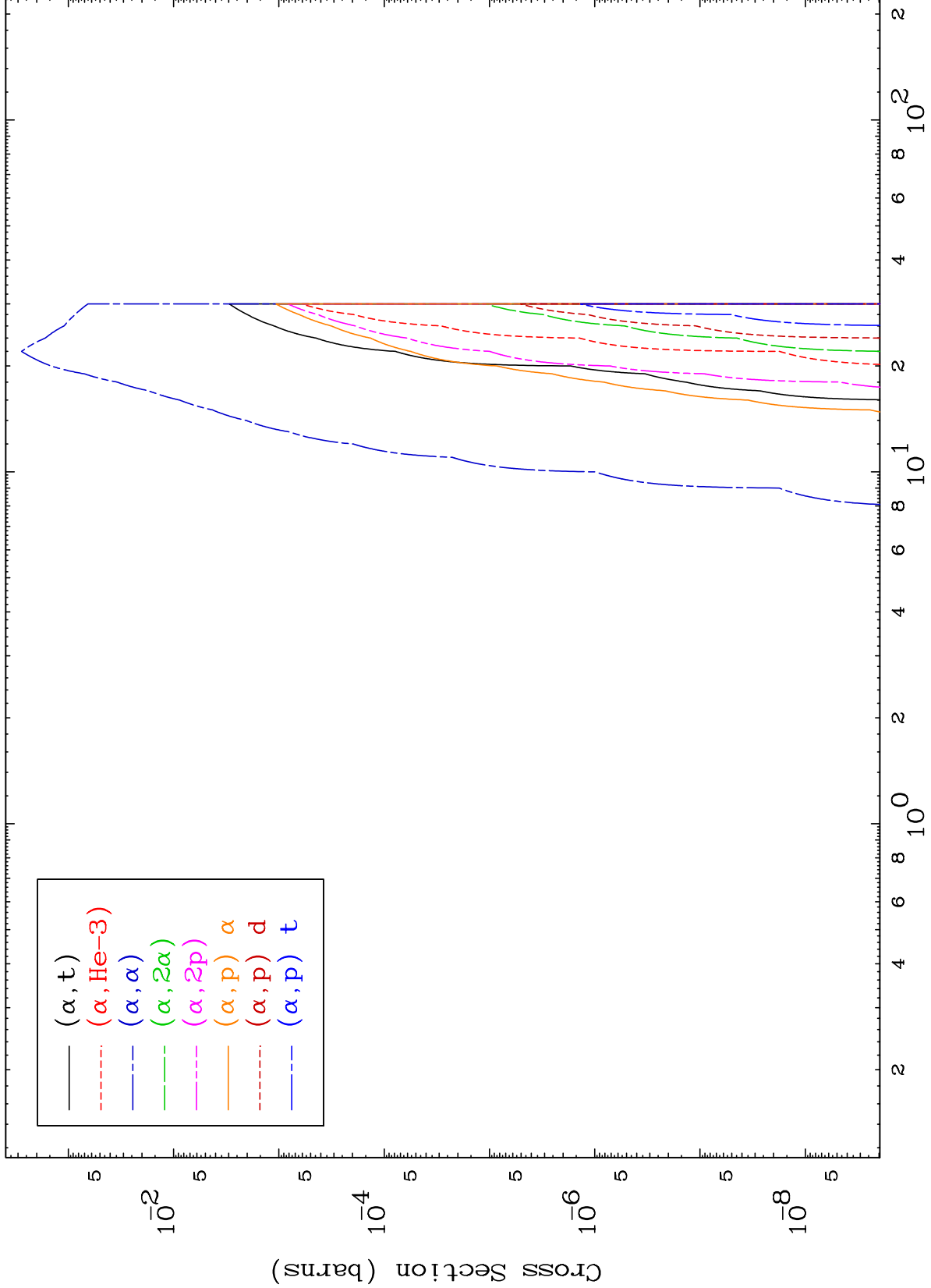
41-Nb-92



41-Nb-92

Incident Energy (MeV)

2

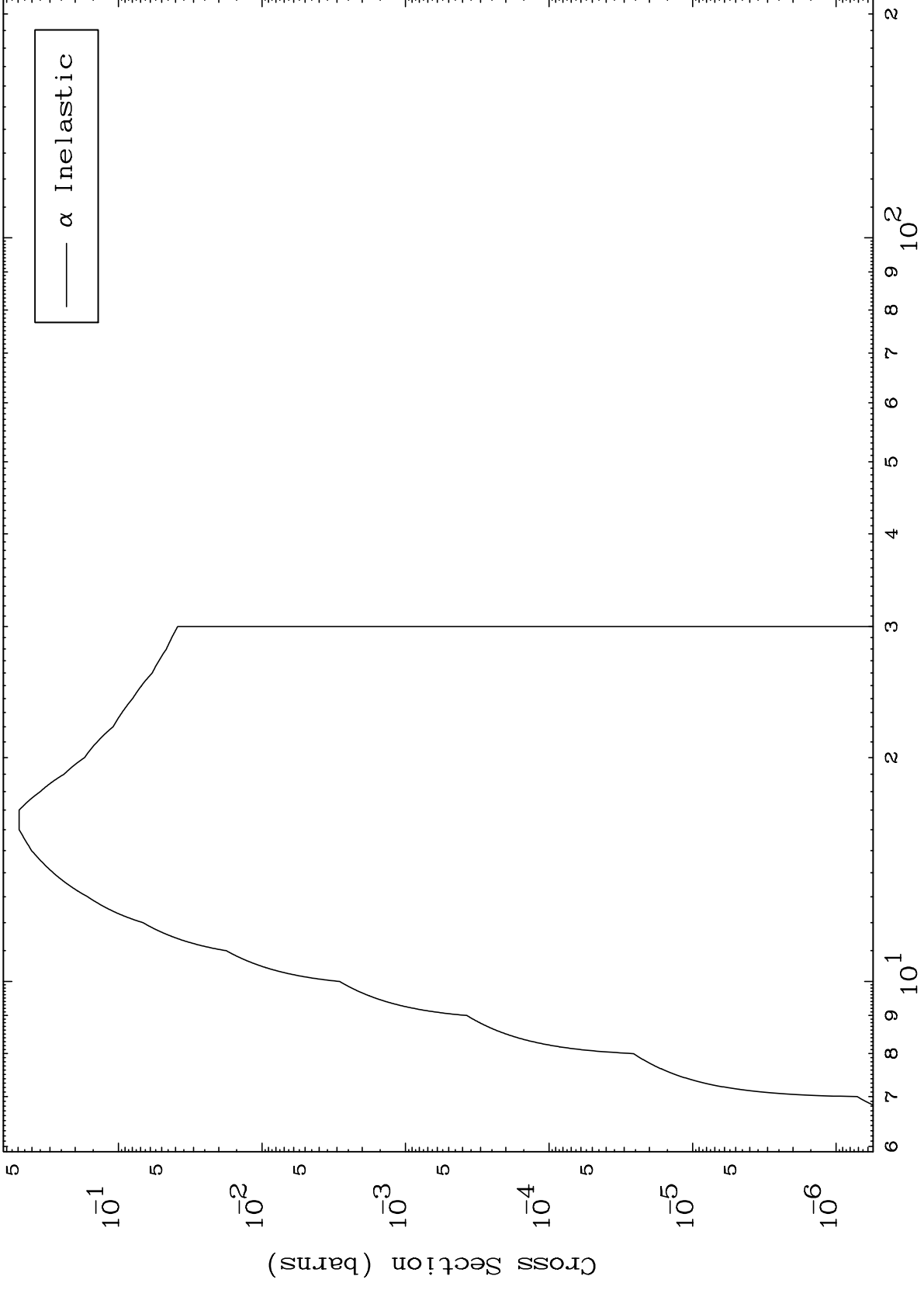


MAT 4123

(α, n') Level

41-Nb-92

0 Kelvin Cross Sections



5

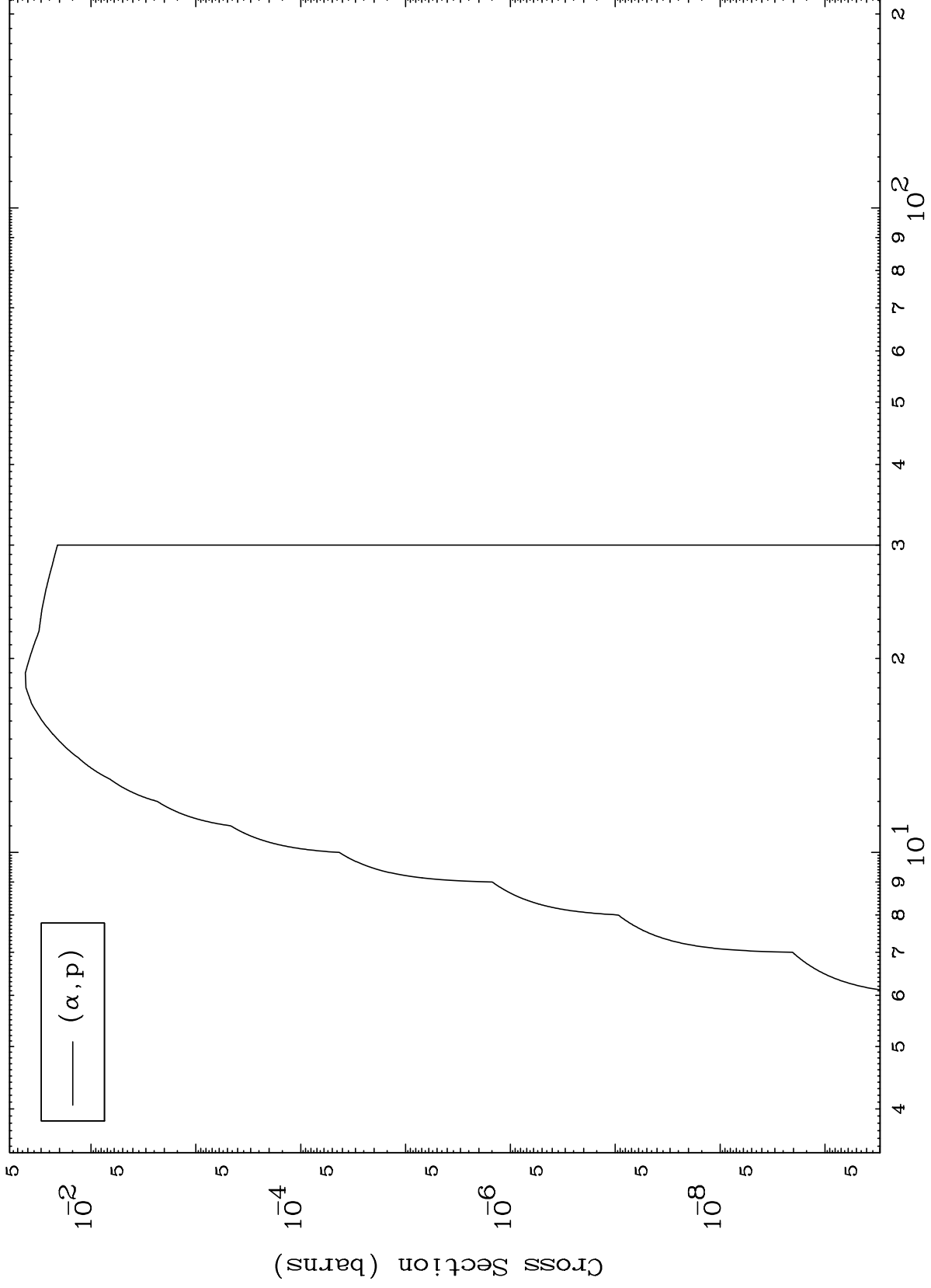
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-92



6

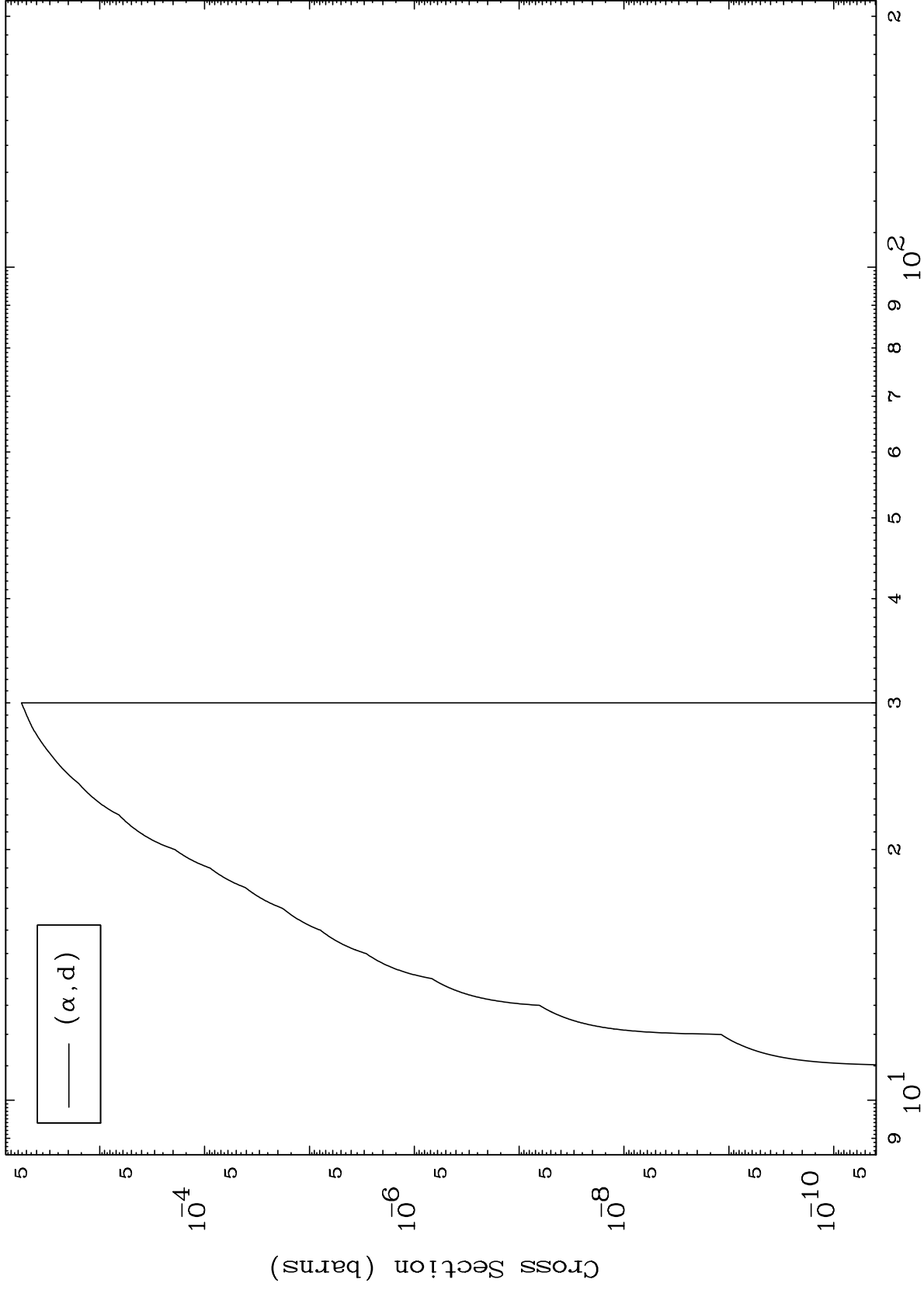
Incident Energy (MeV)

41-Nb-92

MAT 4123

(α, d) Levels
0 Kelvin Cross Sections

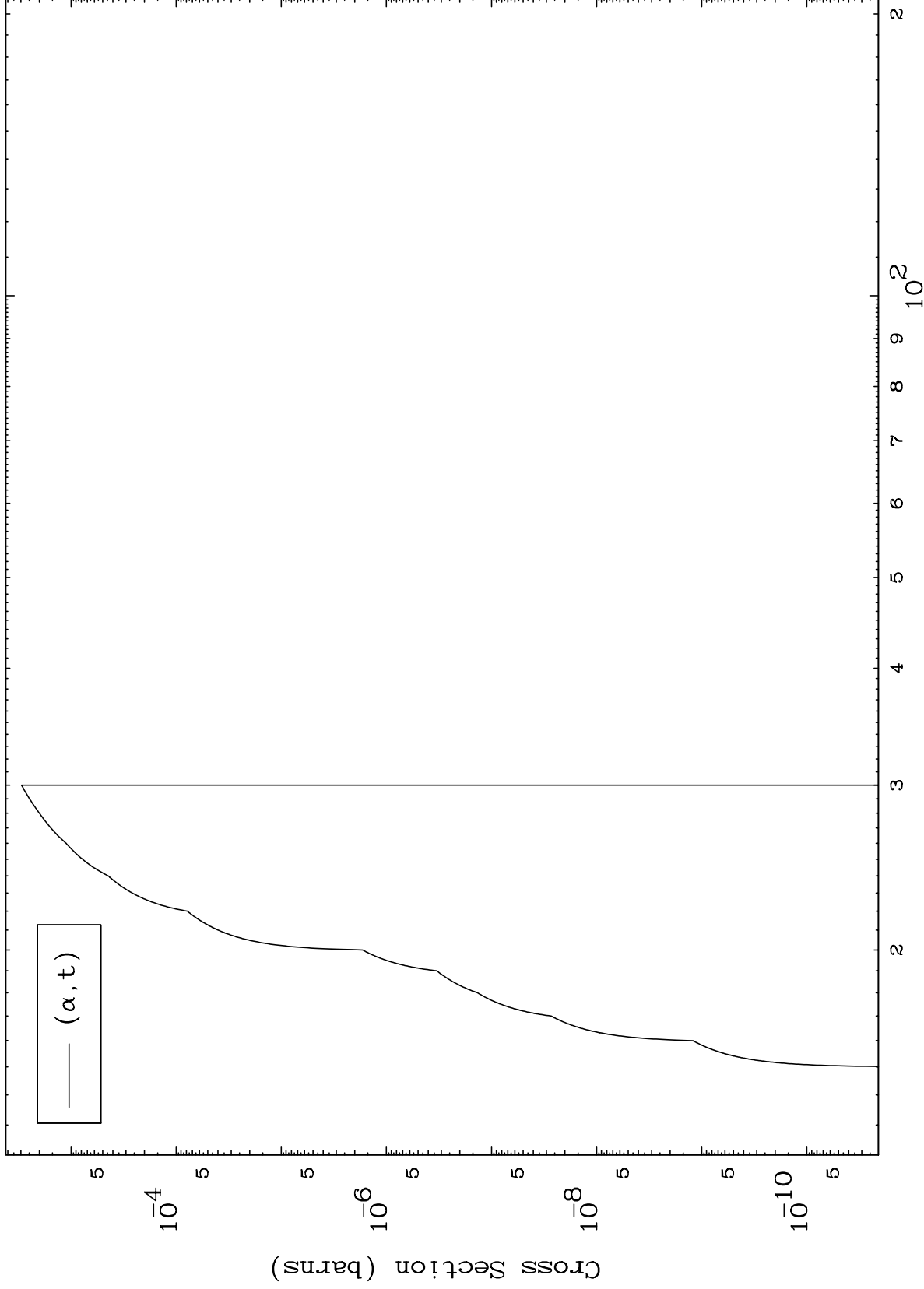
41-Nb-92

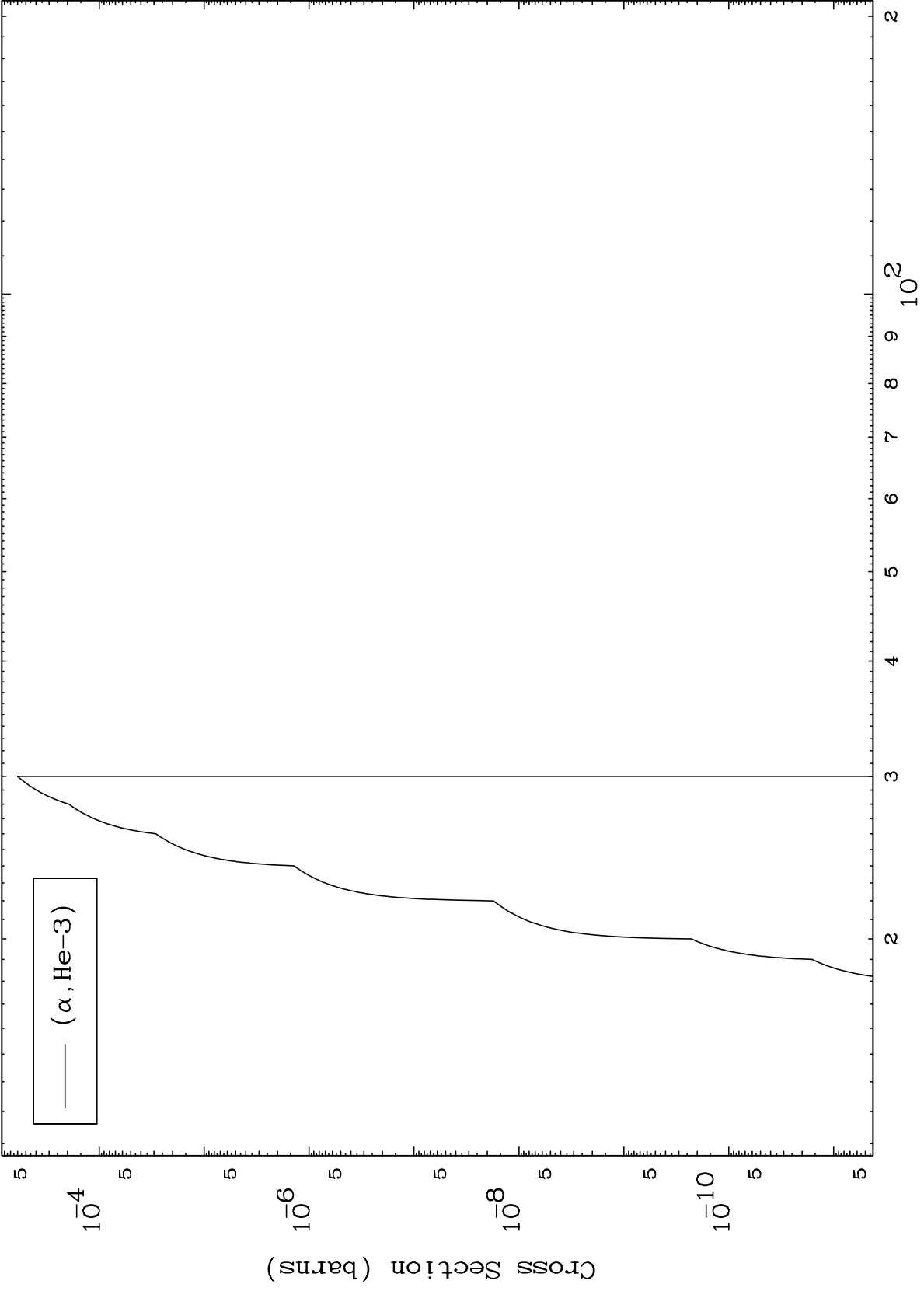


Incident Energy (MeV)

41-Nb-92

7



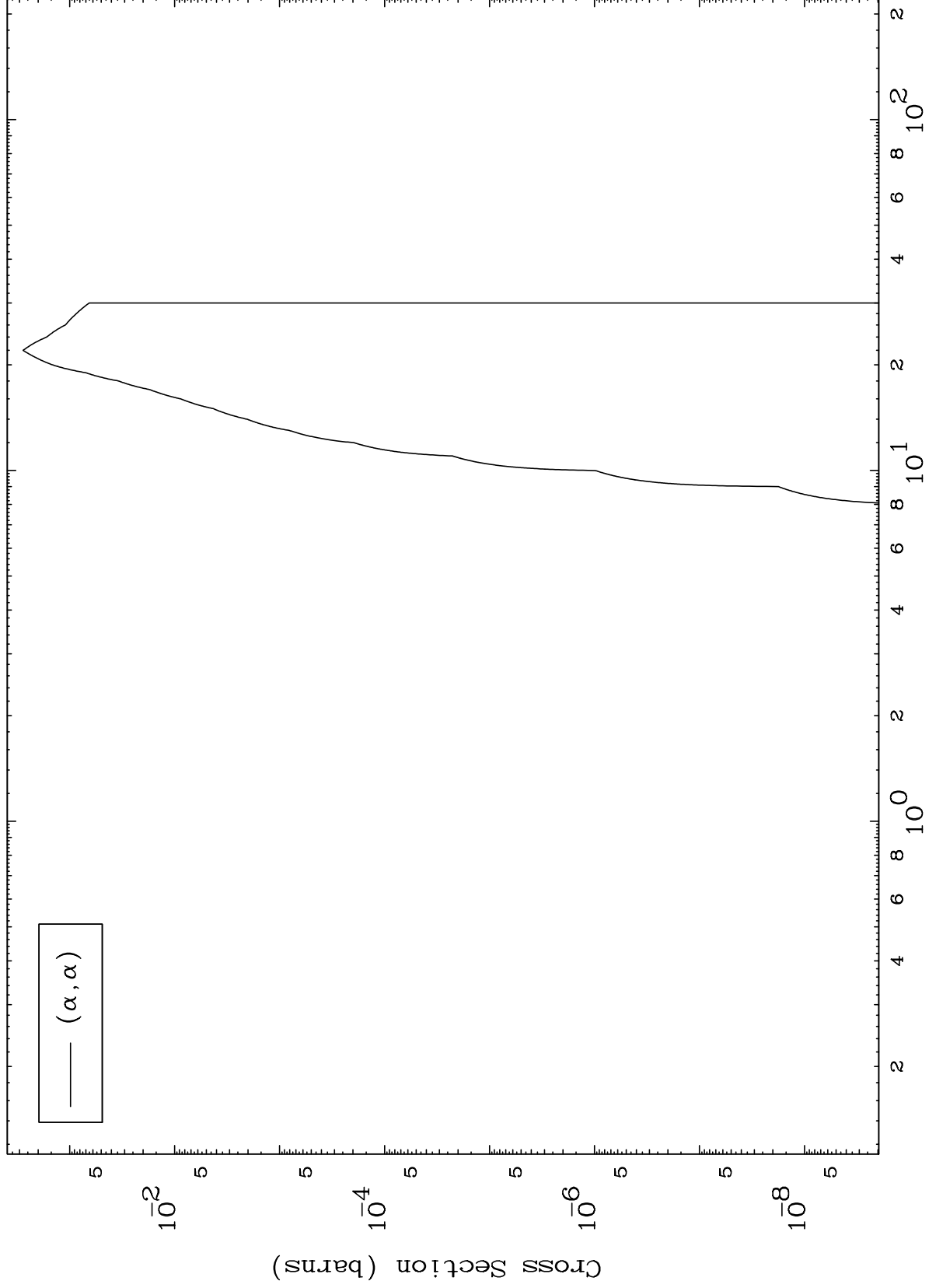


MAT 4123

(α, α) Levels

41-Nb-92

0 Kelvin Cross Sections



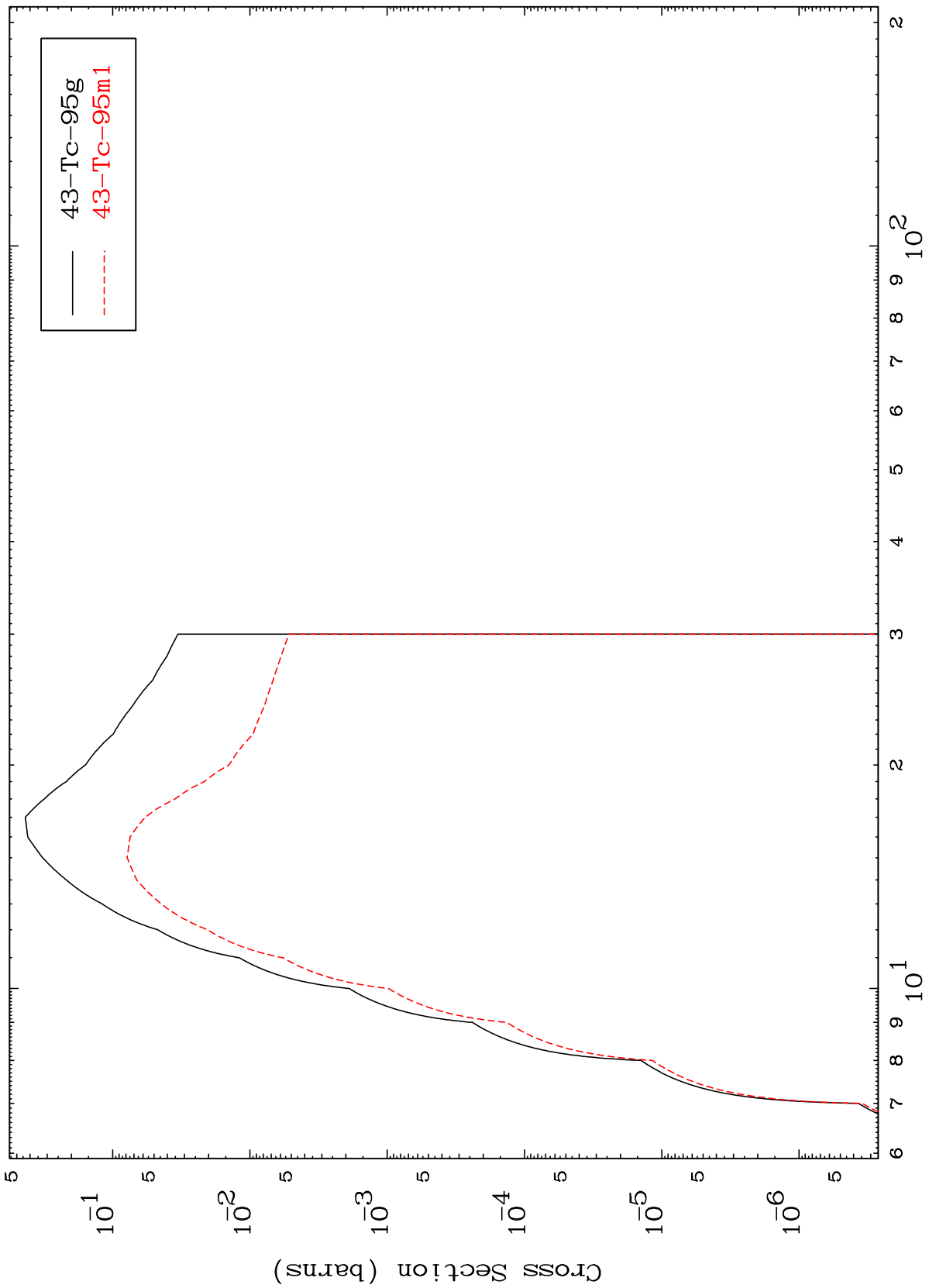
10

Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section

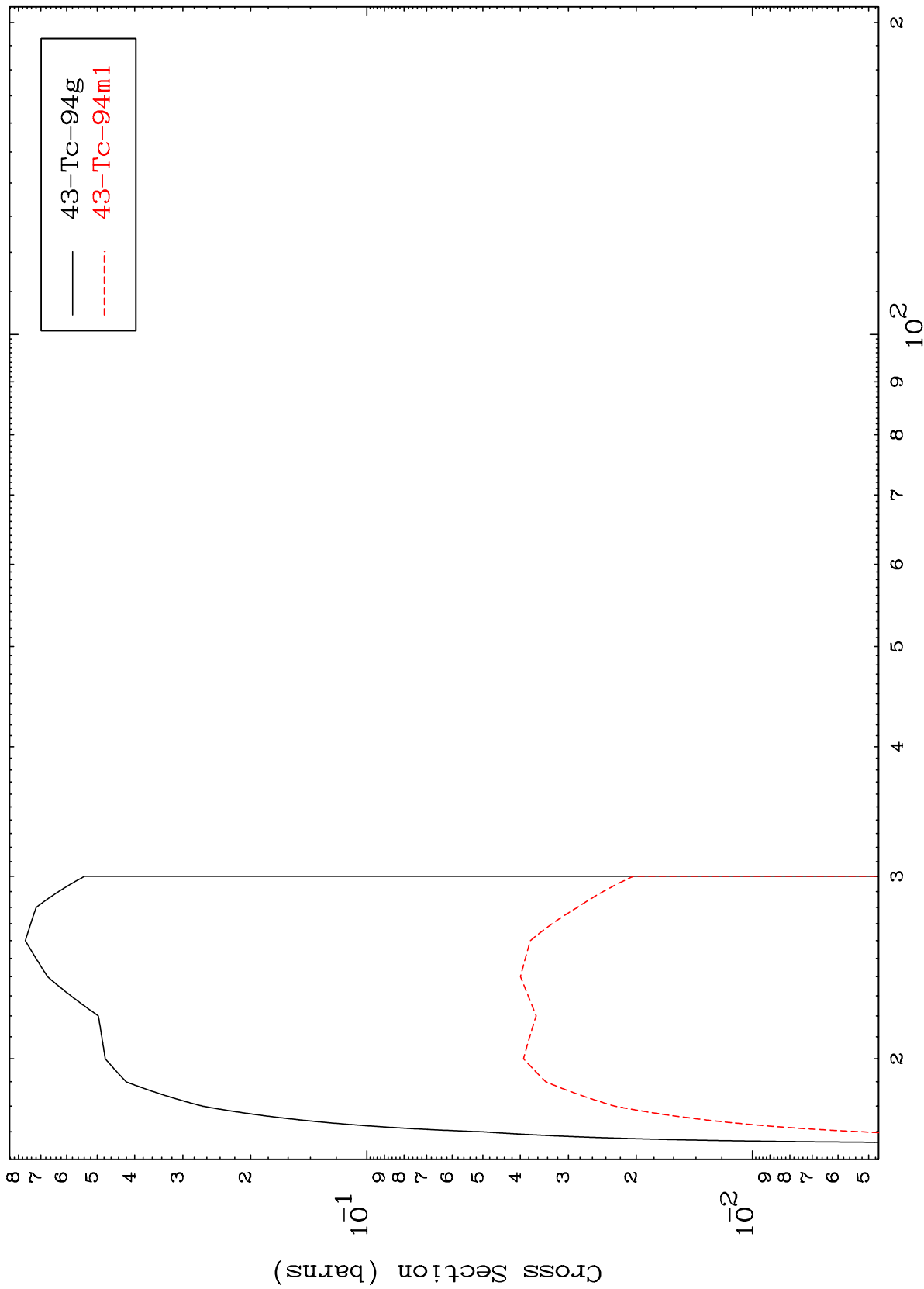
α Inelastic



MAT 4123

41-Nb-92

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

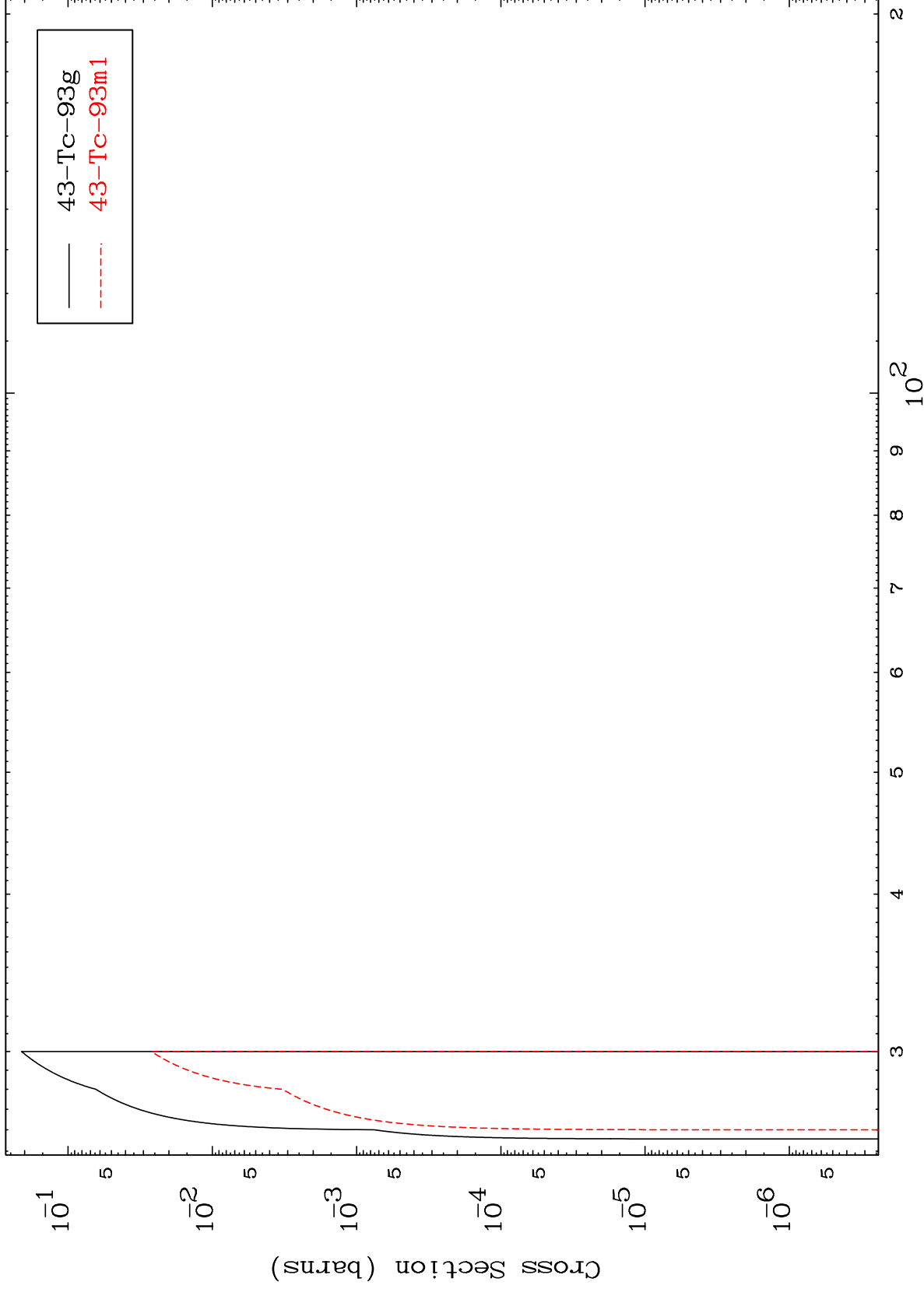


12

Incident Energy (MeV)

41-Nb-92

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



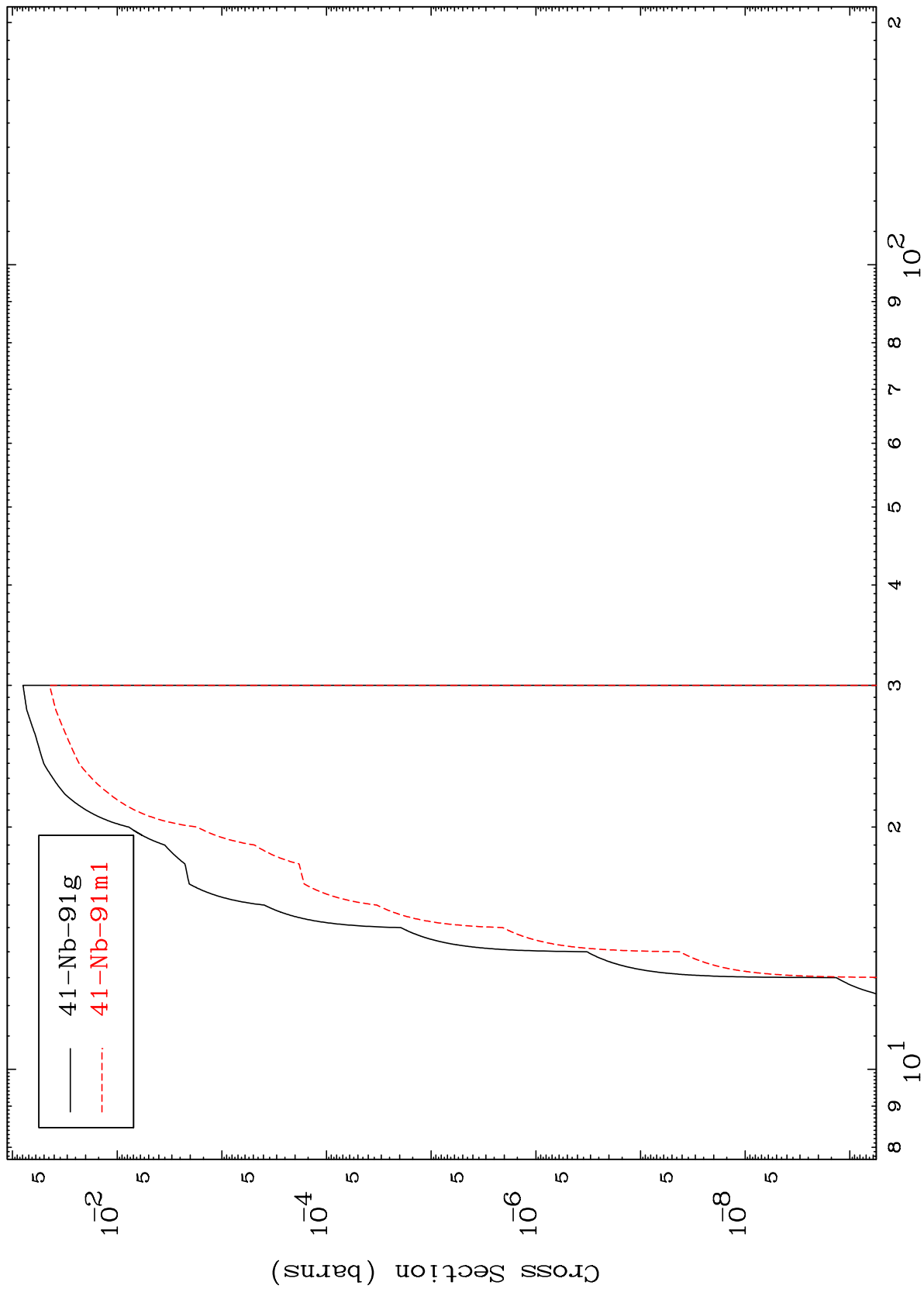
— 43-Tc-93g
- - - 43-Tc-93m1

MAT 4123

41-Nb-92

(α, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

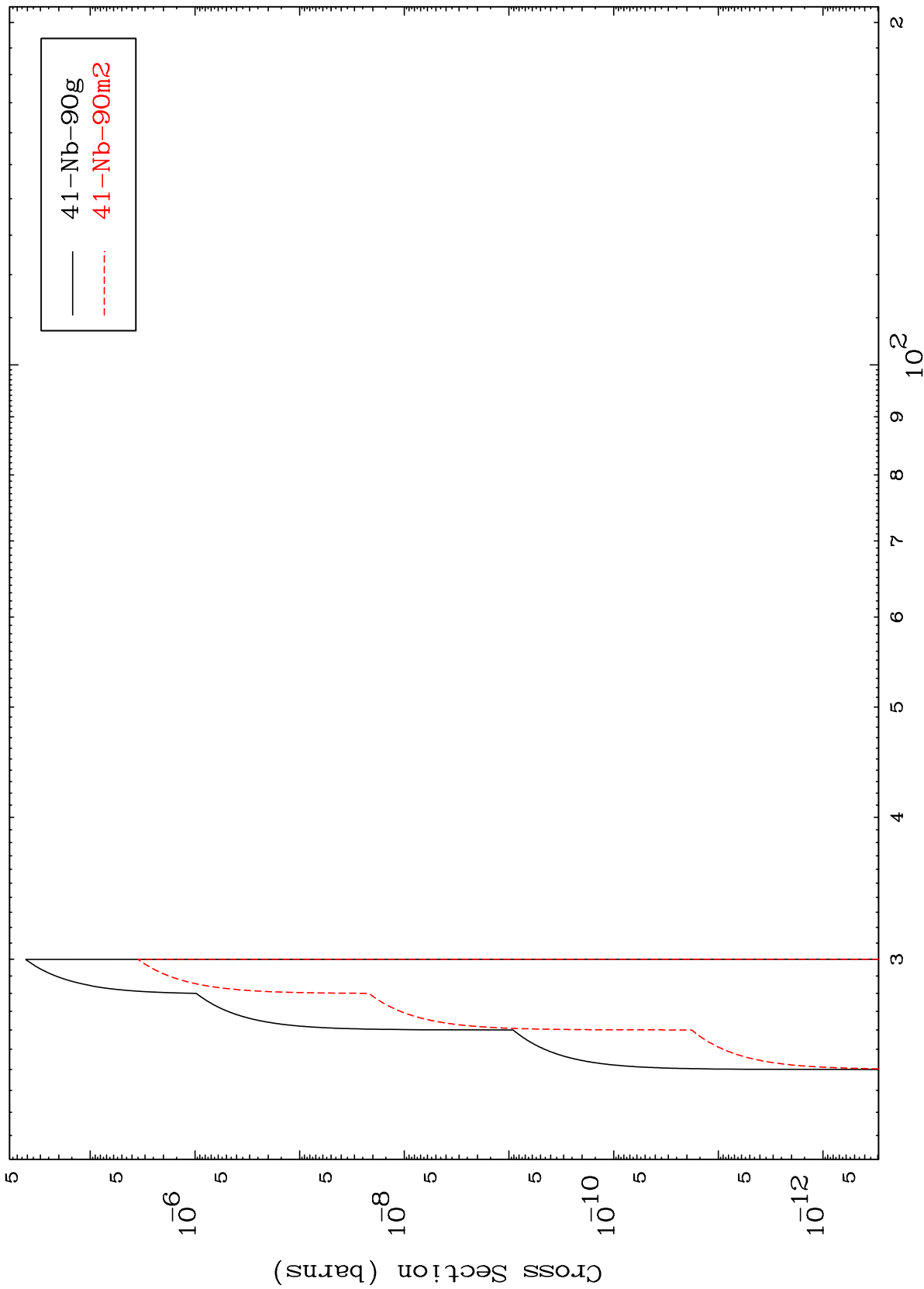
41-Nb-92

MAT 4123

$(\alpha, 2n) \alpha$

41-Nb-92

Radionuclide Production Cross Section



15

Incident Energy (MeV)

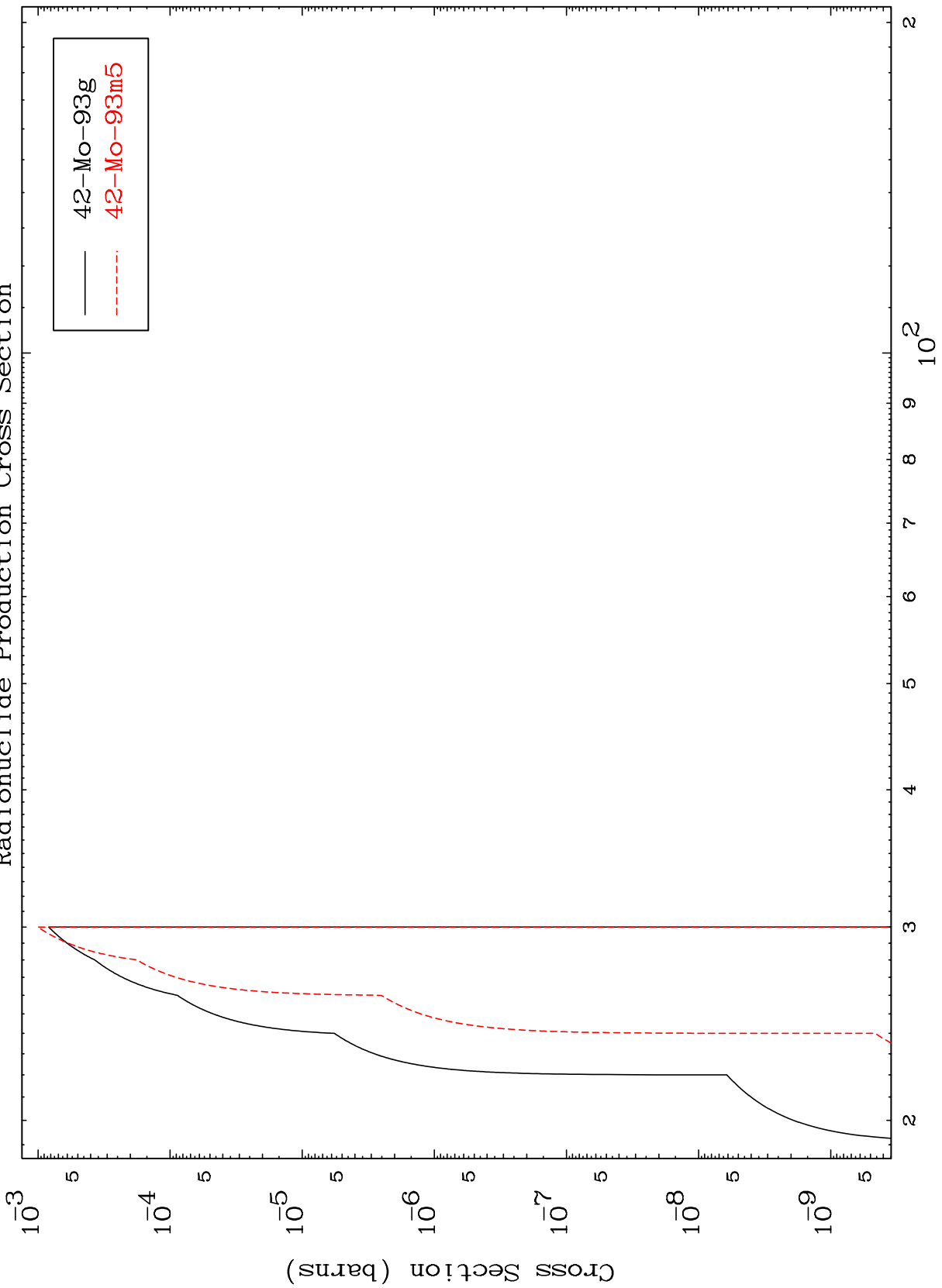
41-Nb-92

MAT 4123

(α, n') d

41-Nb-92

Radionuclide Production Cross Section



16

Incident Energy (MeV)

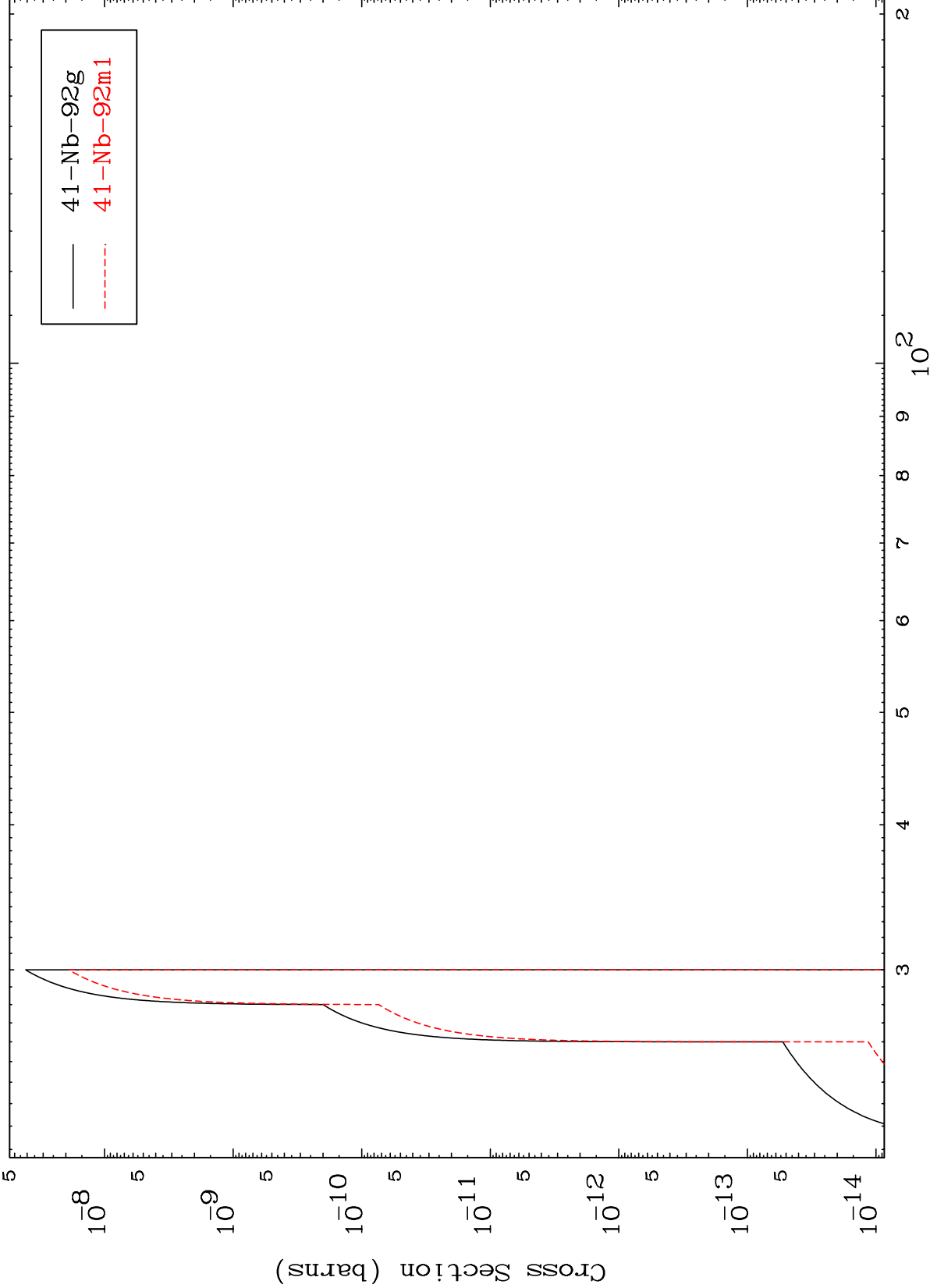
41-Nb-92

MAT 4123

(α, n') He-3

41-Nb-92

Radionuclide Production Cross Section



17

Incident Energy (MeV)

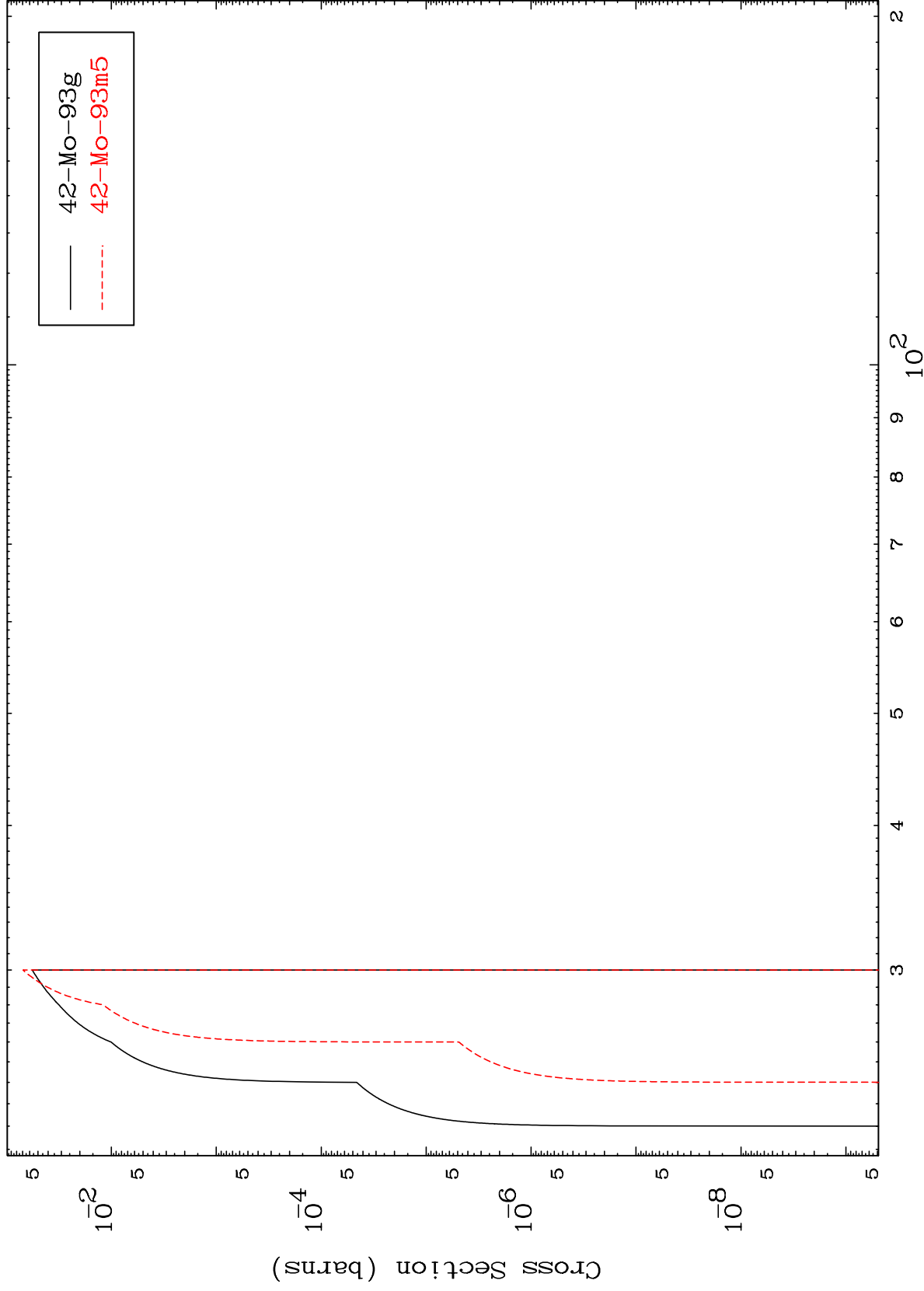
41-Nb-92

MAT 4123

$(\alpha, 2n)$ p

41-Nb-92

Radionuclide Production Cross Section



18

Incident Energy (MeV)

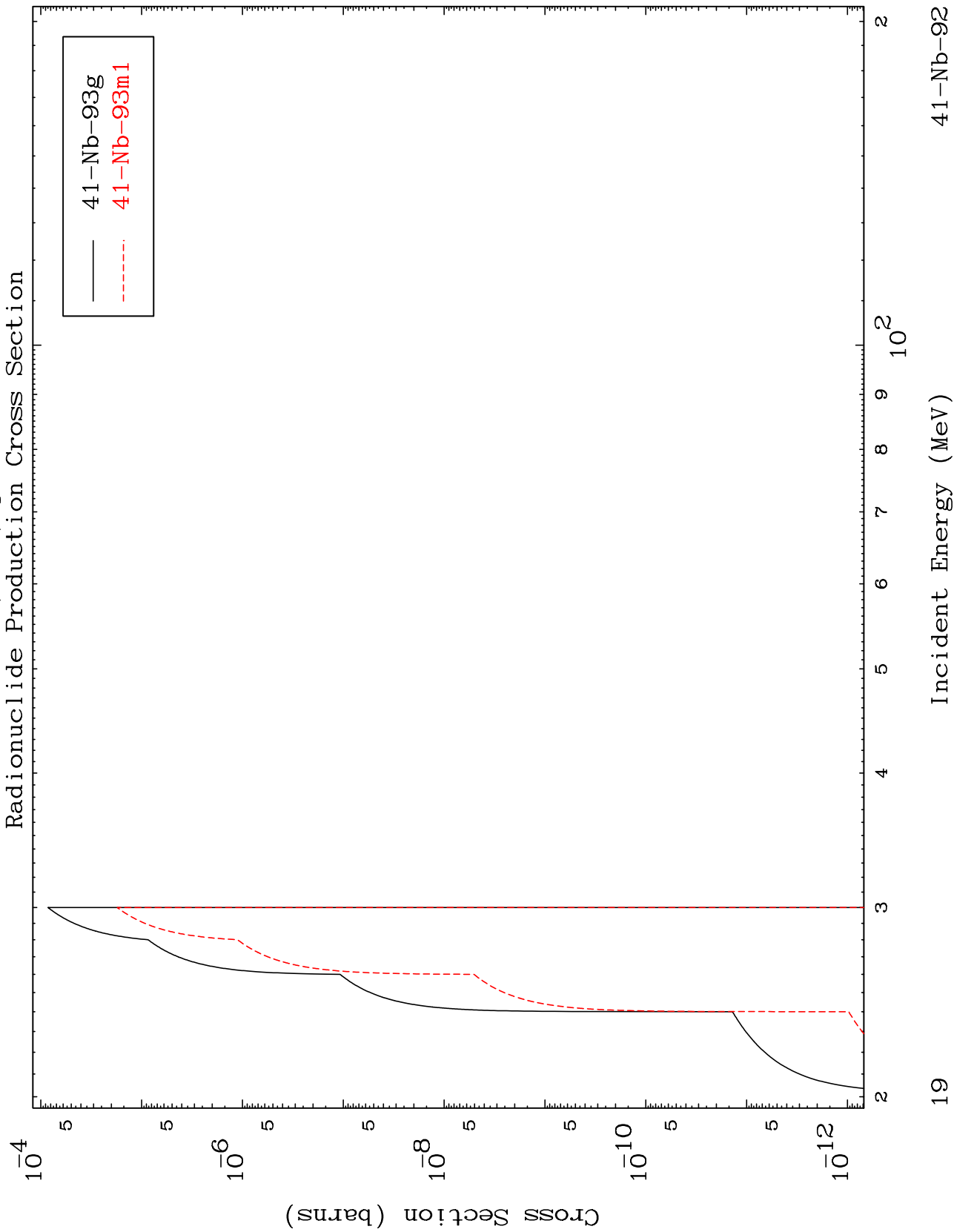
41-Nb-92

MAT 4123

$(\alpha, 2n)$ p

41-Nb-92

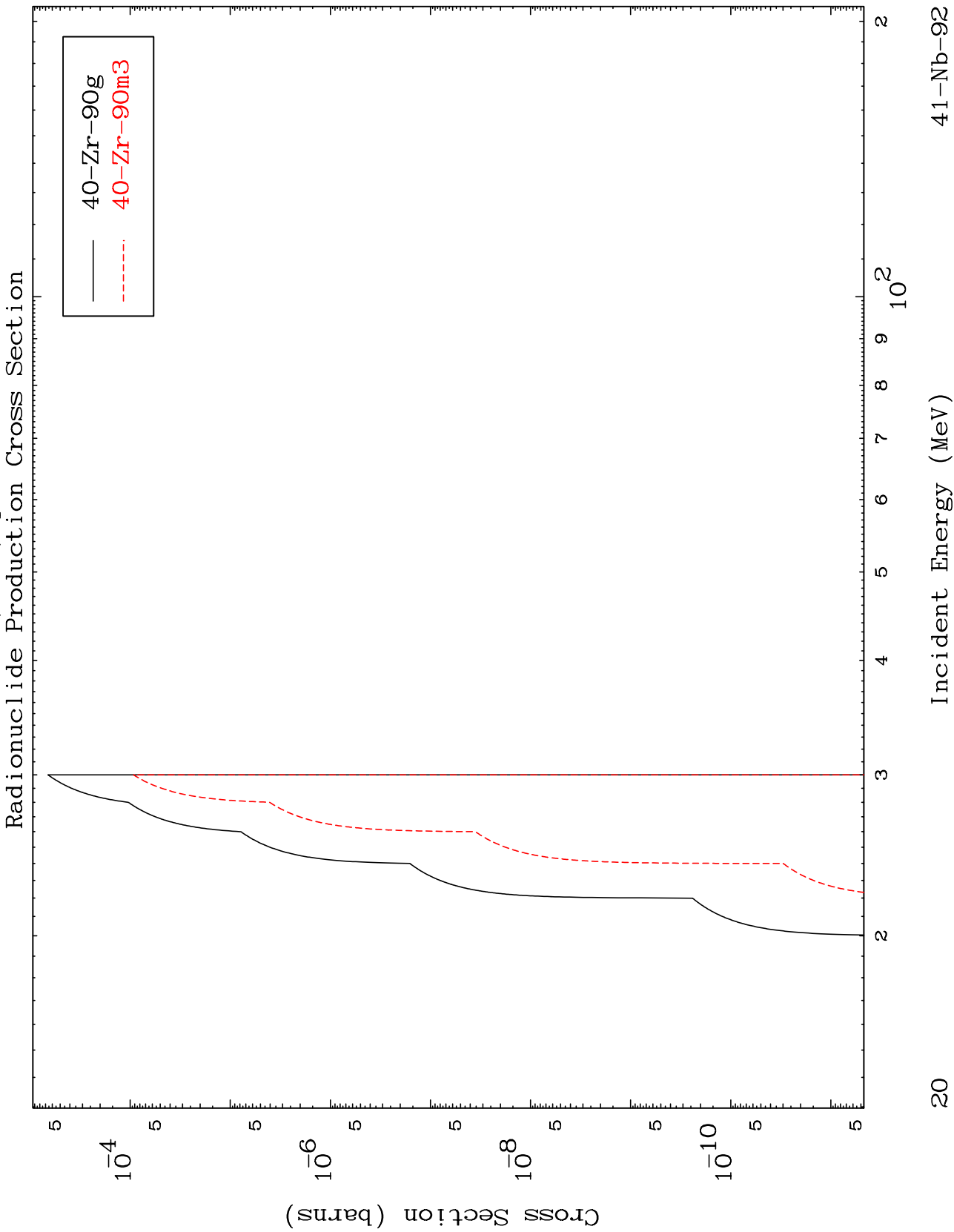
Radionuclide Production Cross Section



19

Incident Energy (MeV)

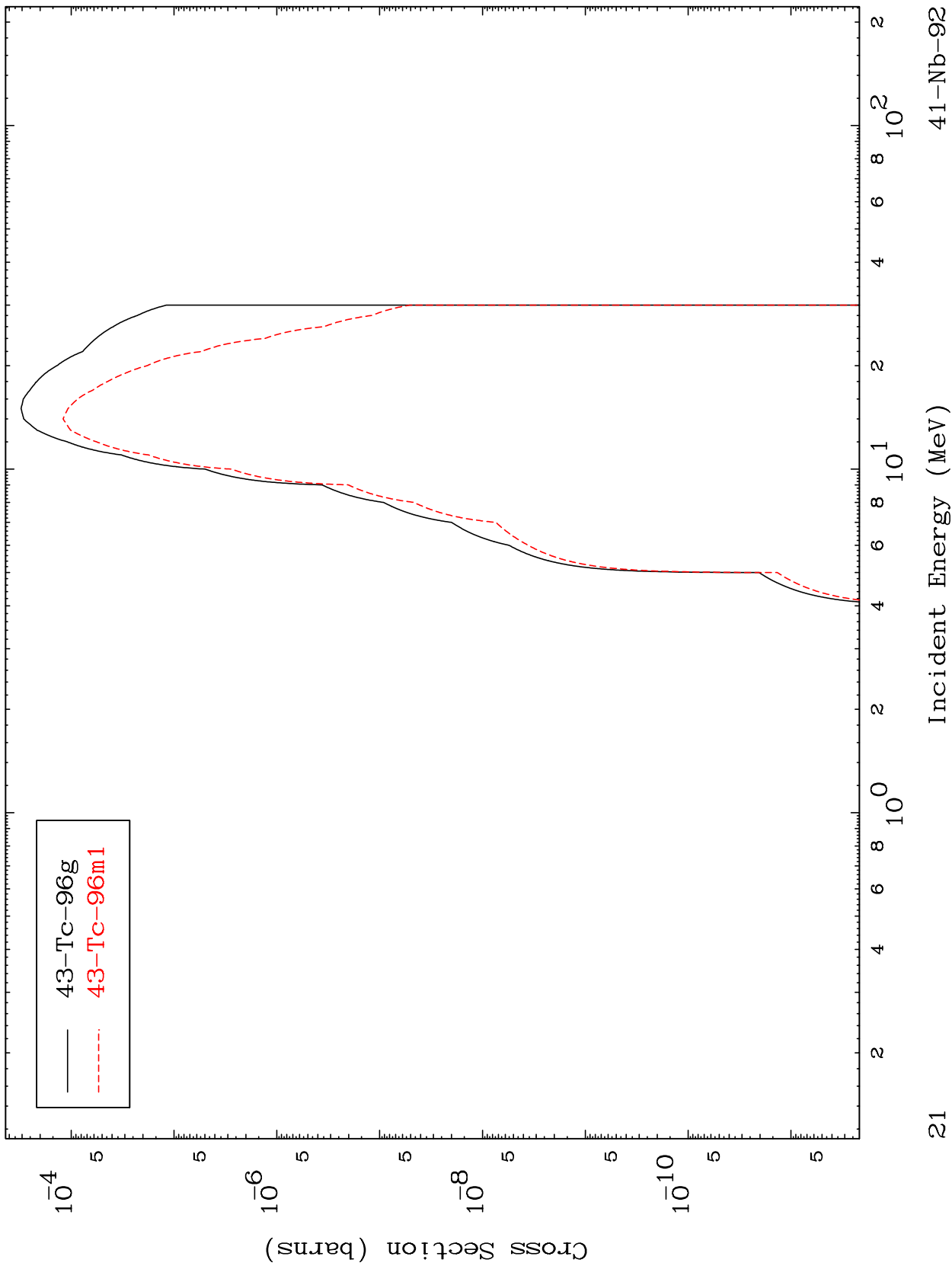
41-Nb-92



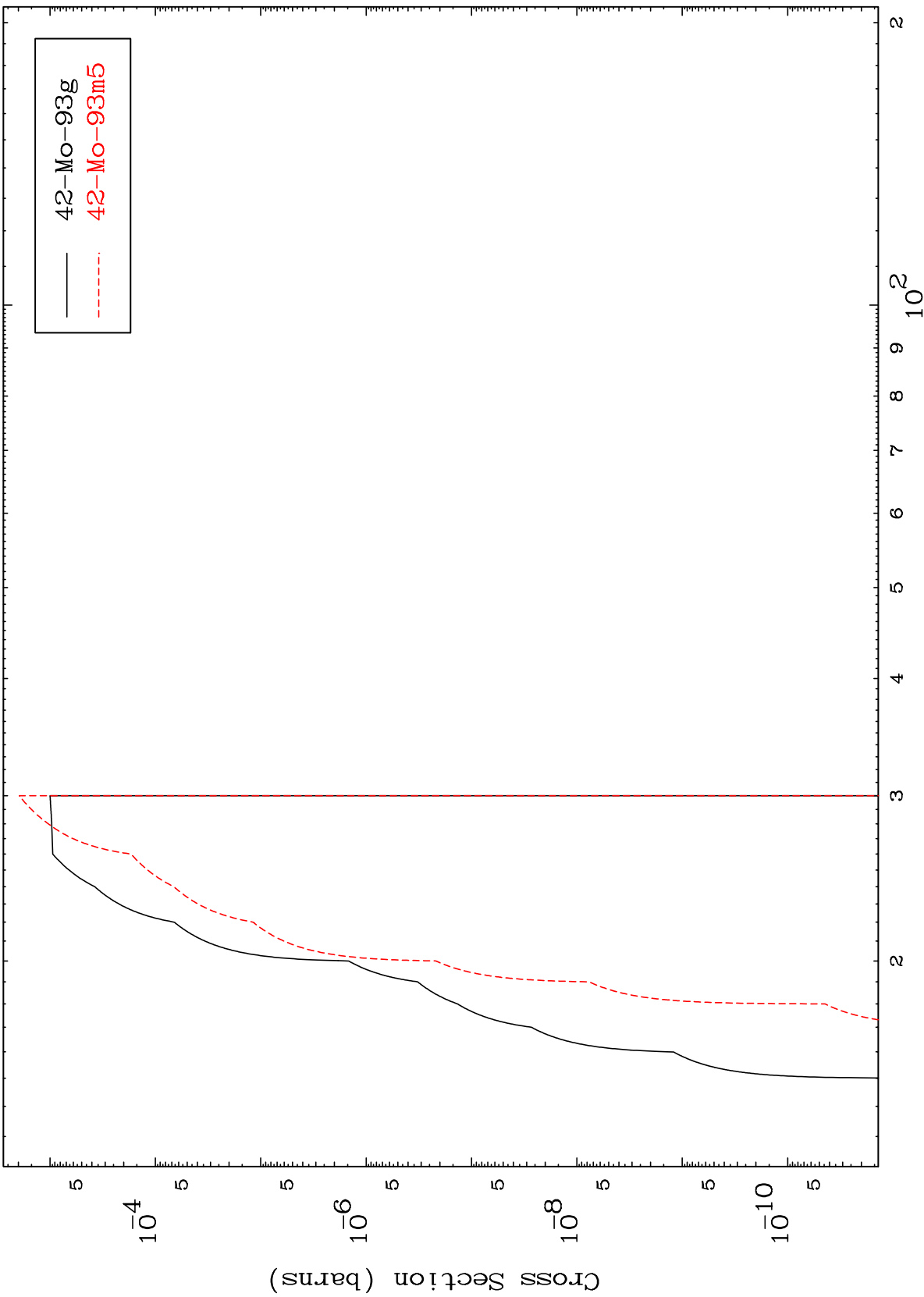
MAT 4123

41-Nb-92

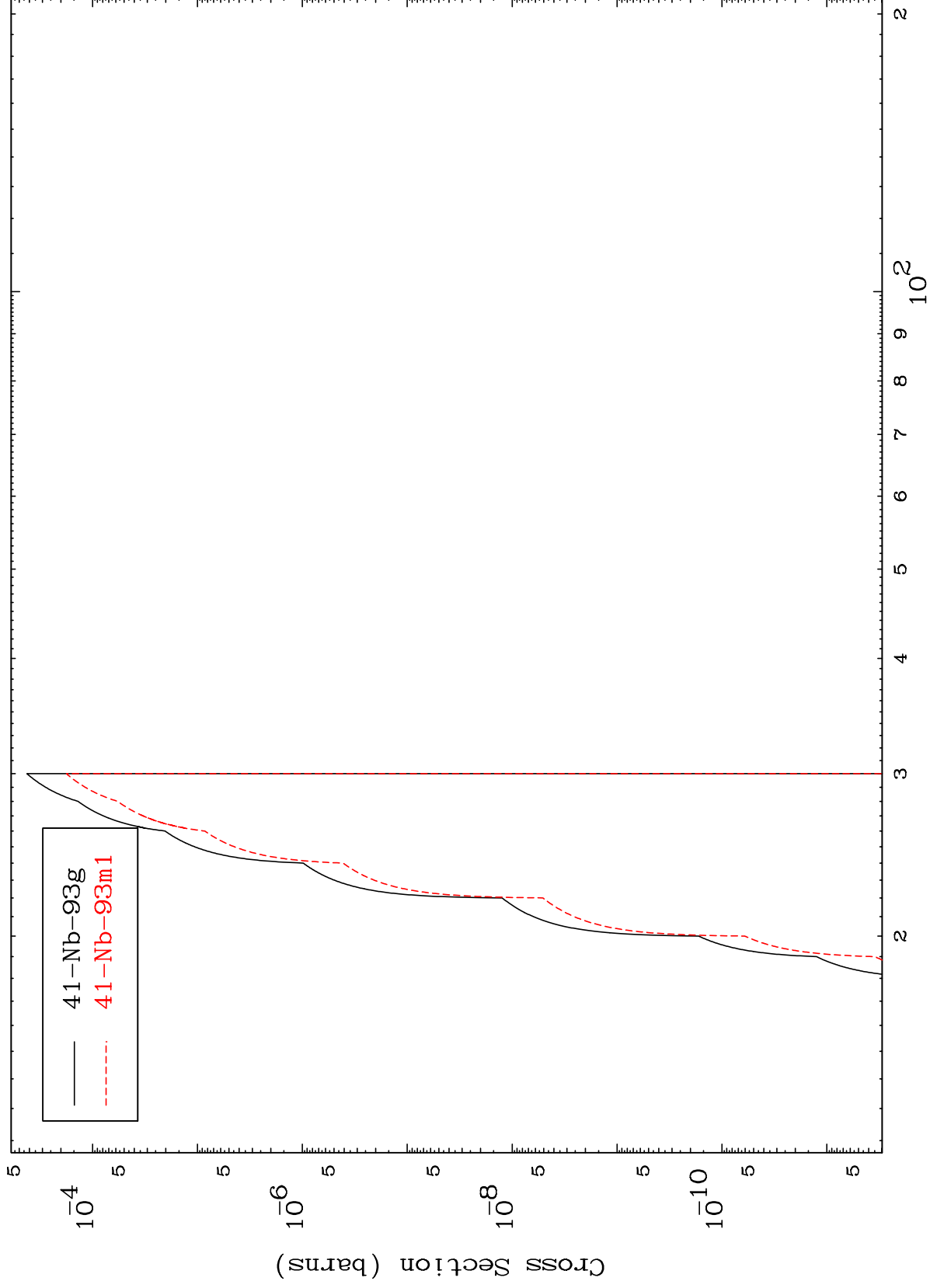
(α, γ)
Radionuclide Production Cross Section



Radionuclide Production Cross Section



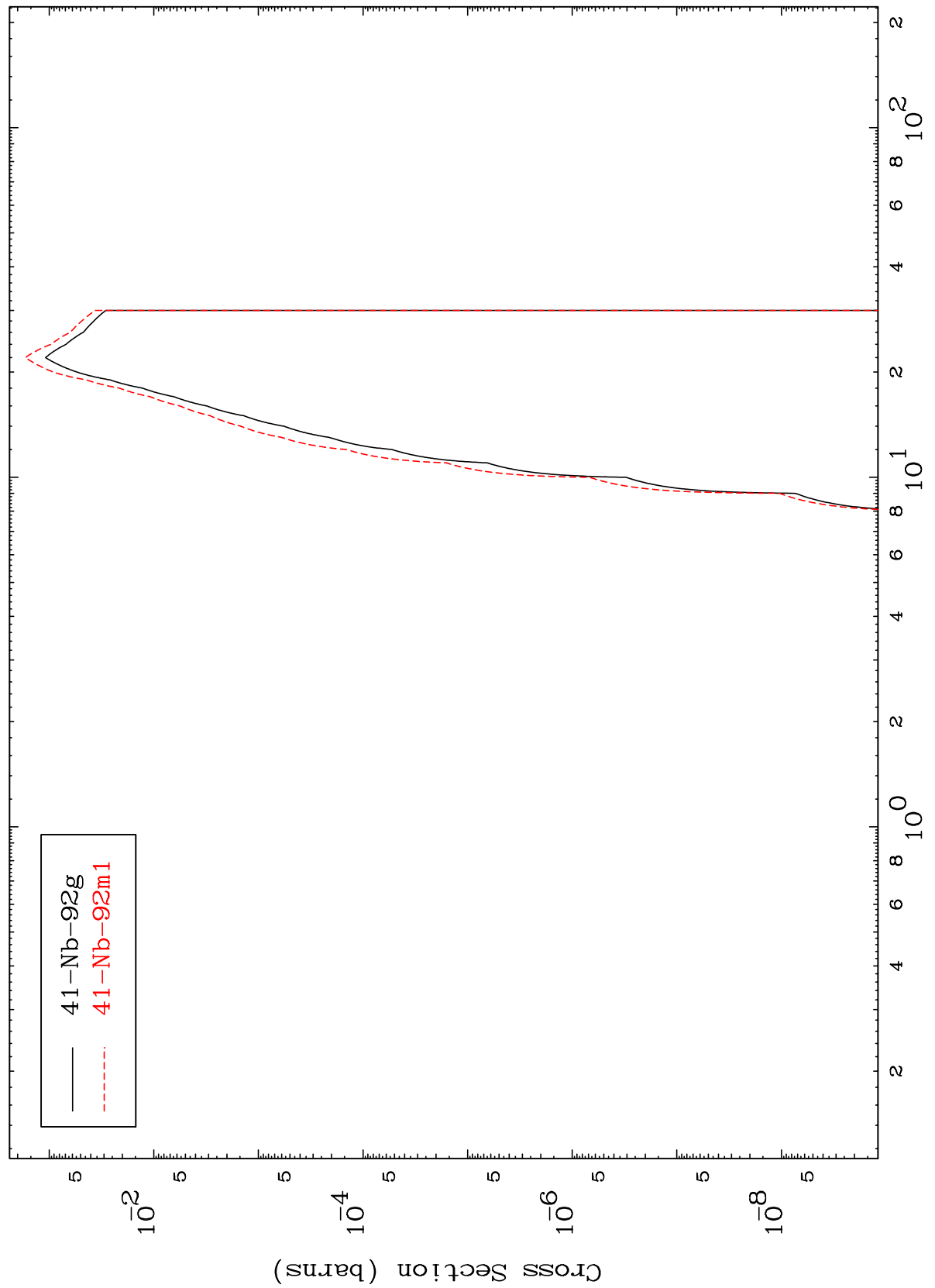
Radionuclide Production Cross Section



MAT 4123

41-Nb-92

(α, α)
Radionuclide Production Cross Section

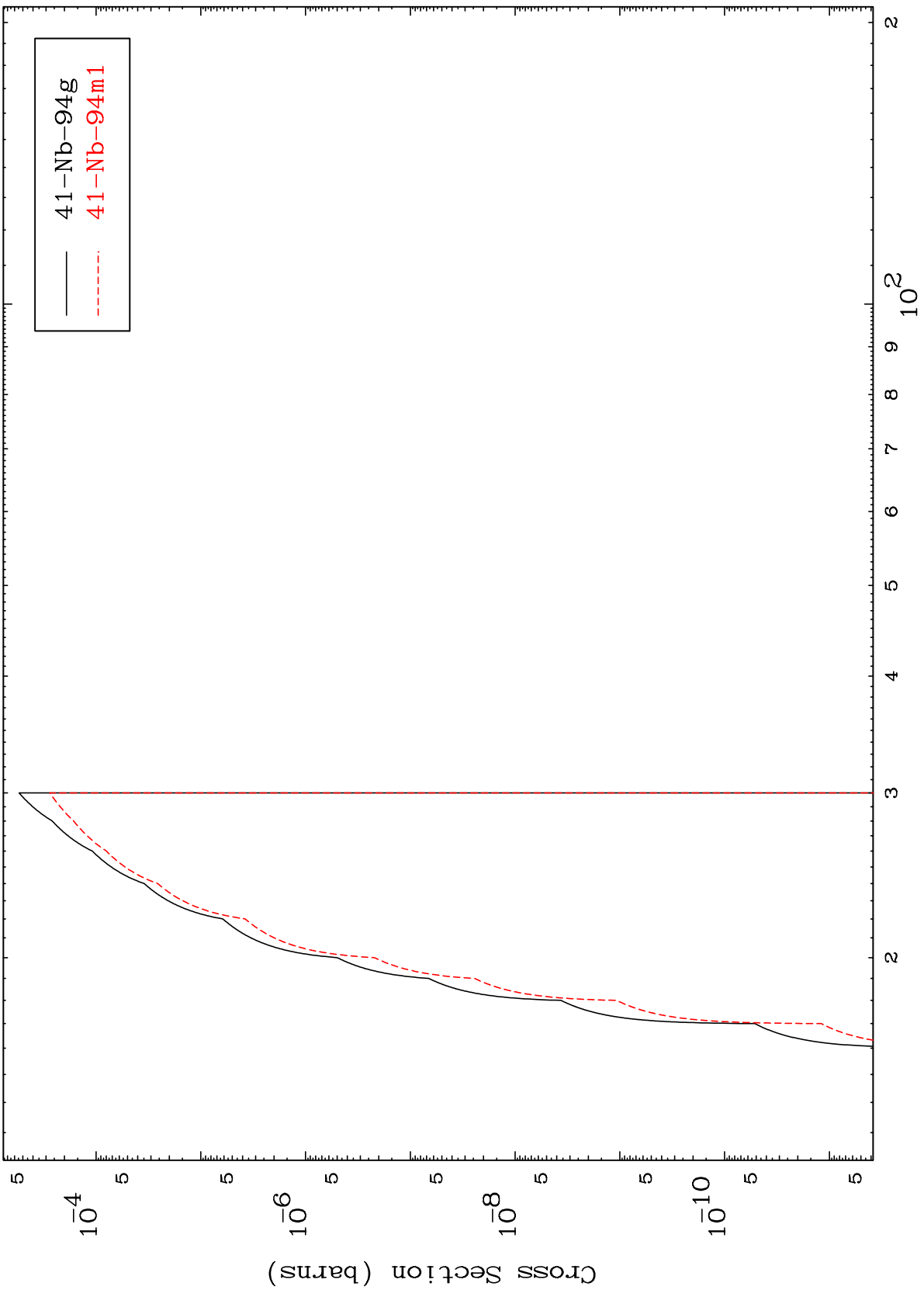


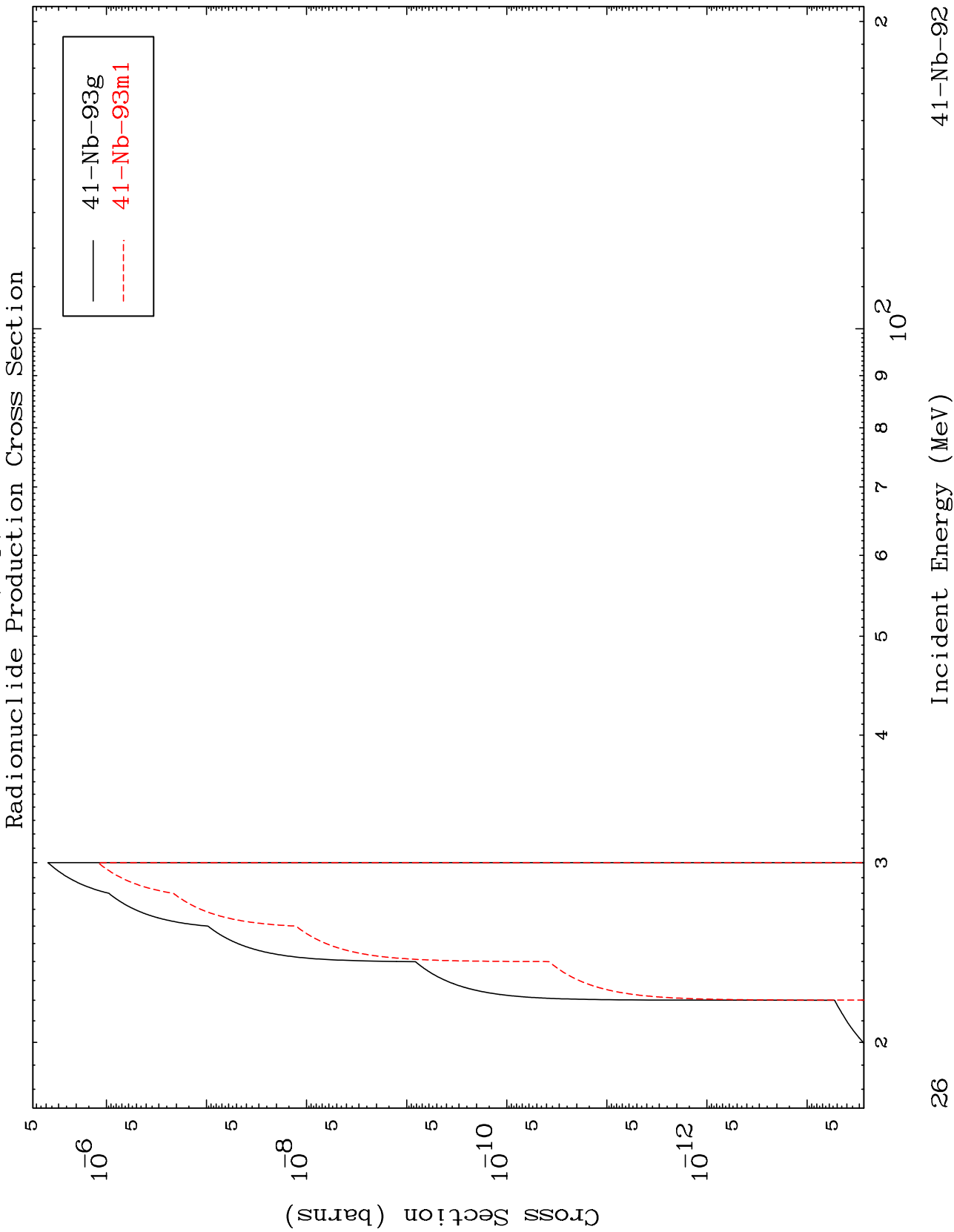
41-Nb-92

Incident Energy (MeV)

24

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



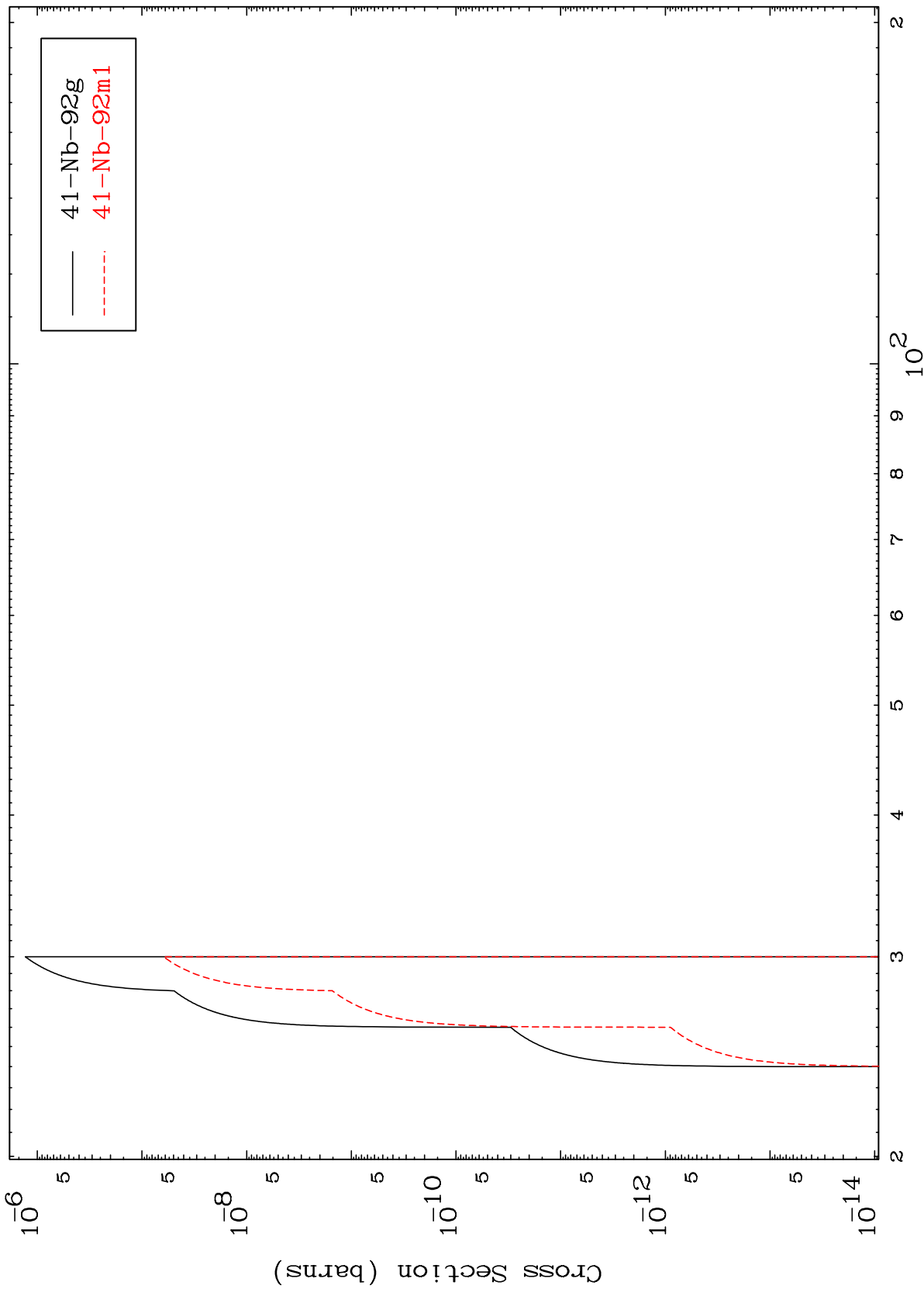


MAT 4123

(α, p) t

41-Nb-92

Radionuclide Production Cross Section



27

41-Nb-92

Radionuclide Production Cross Section

