

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

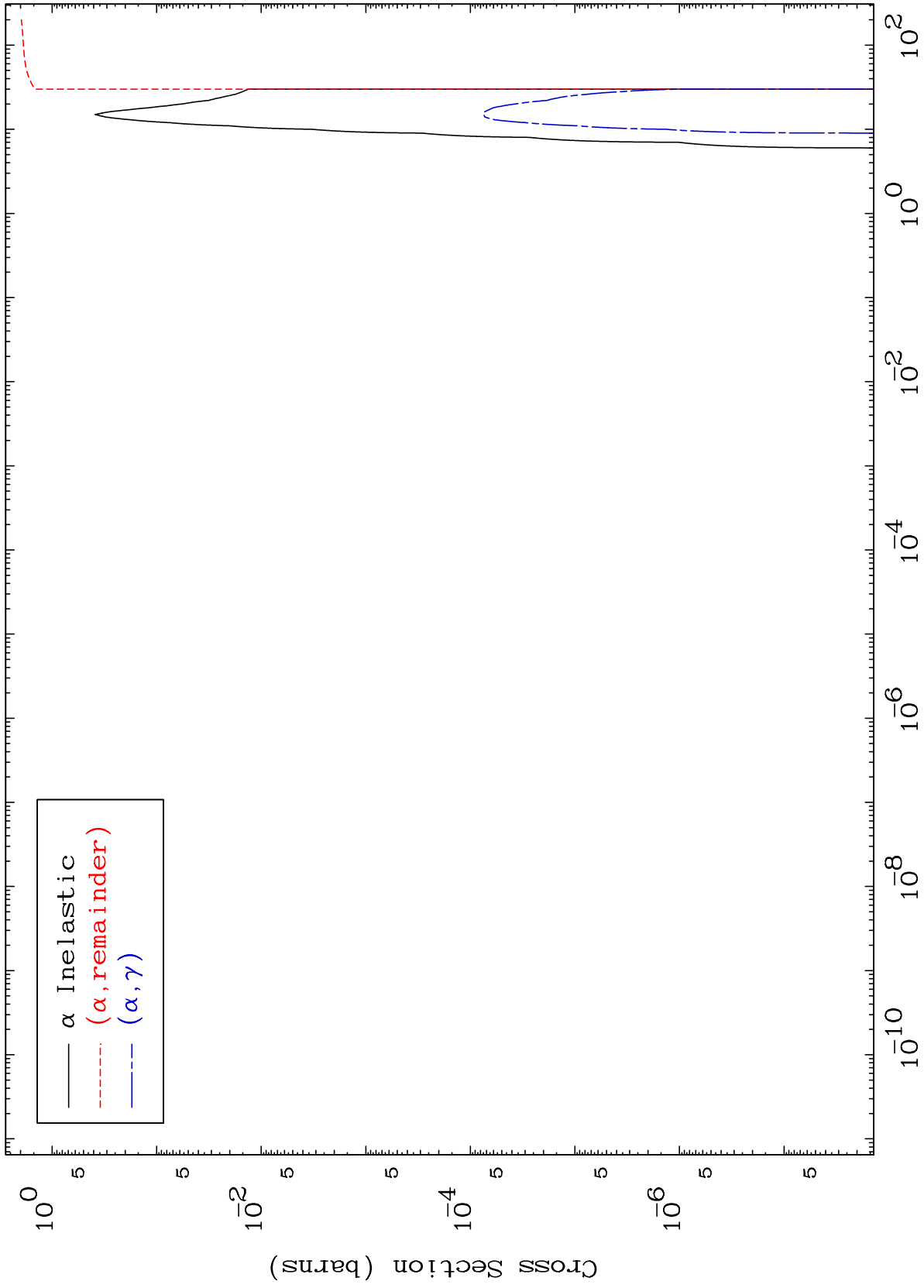
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4129

0 Kelvin α Major
Cross Sections

41-Nb-94



1

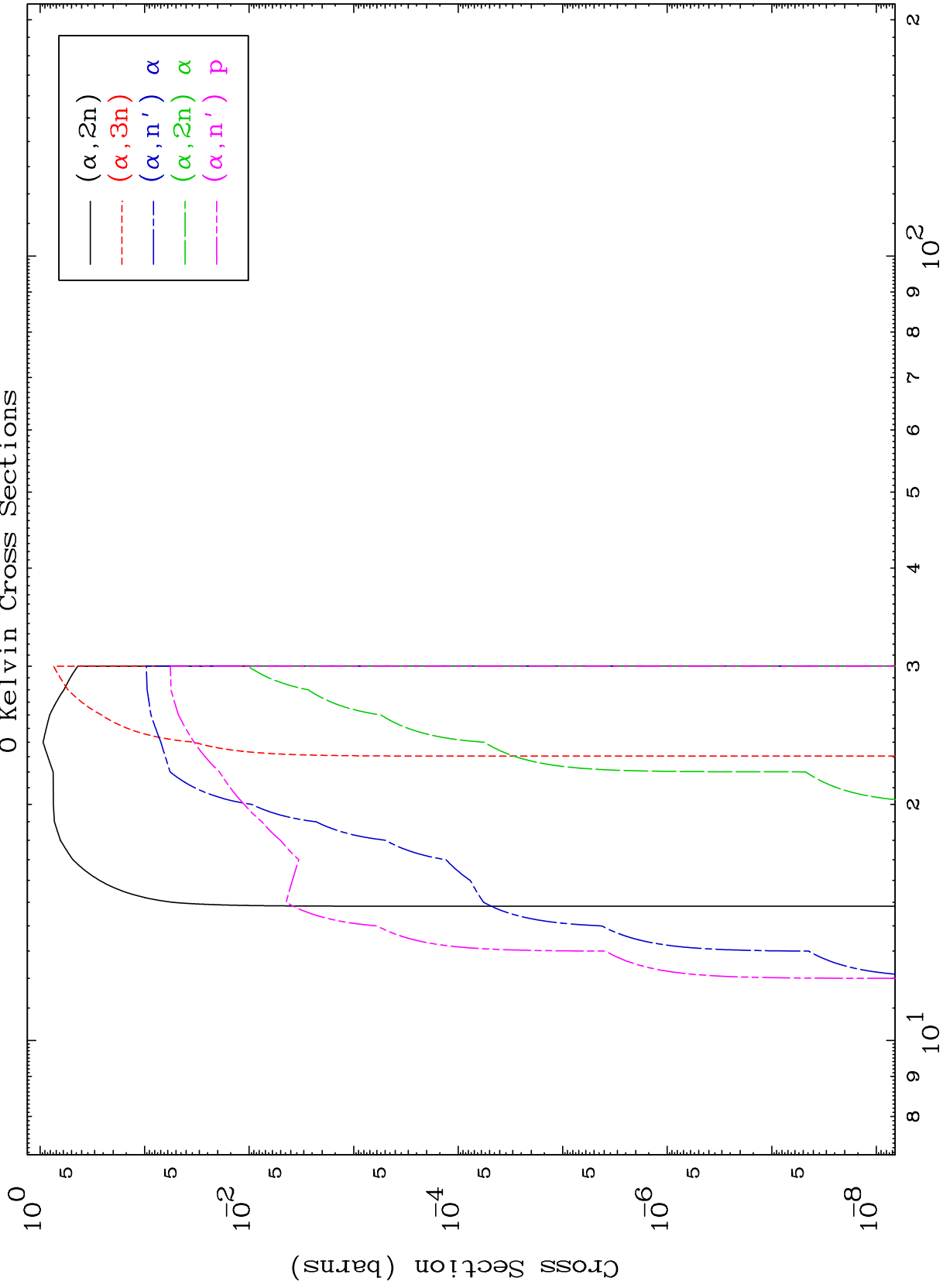
Incident Energy (MeV)

41-Nb-94

MAT 4129

α Neutron Production
0 Kelvin Cross Sections

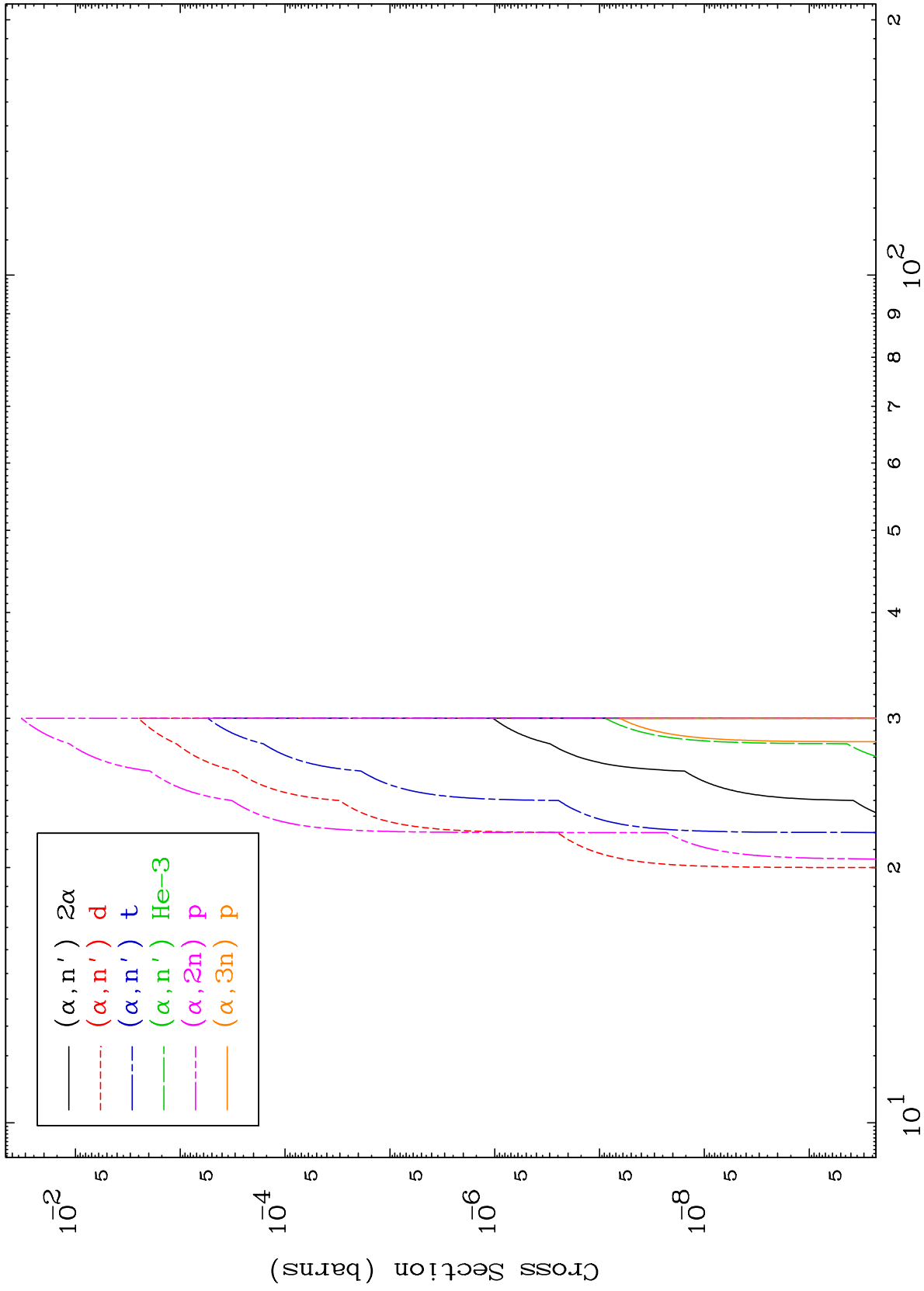
41-Nb-94

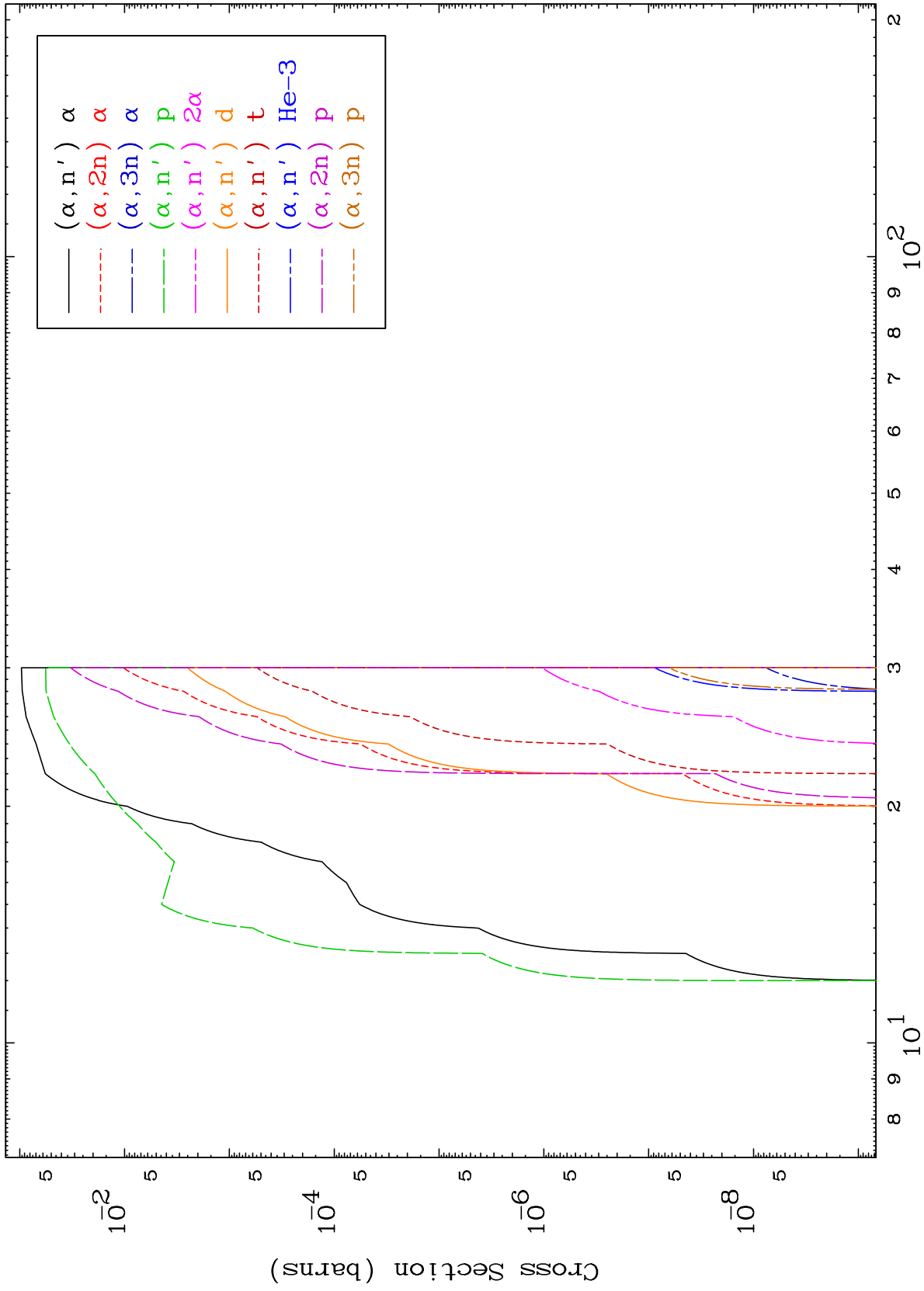


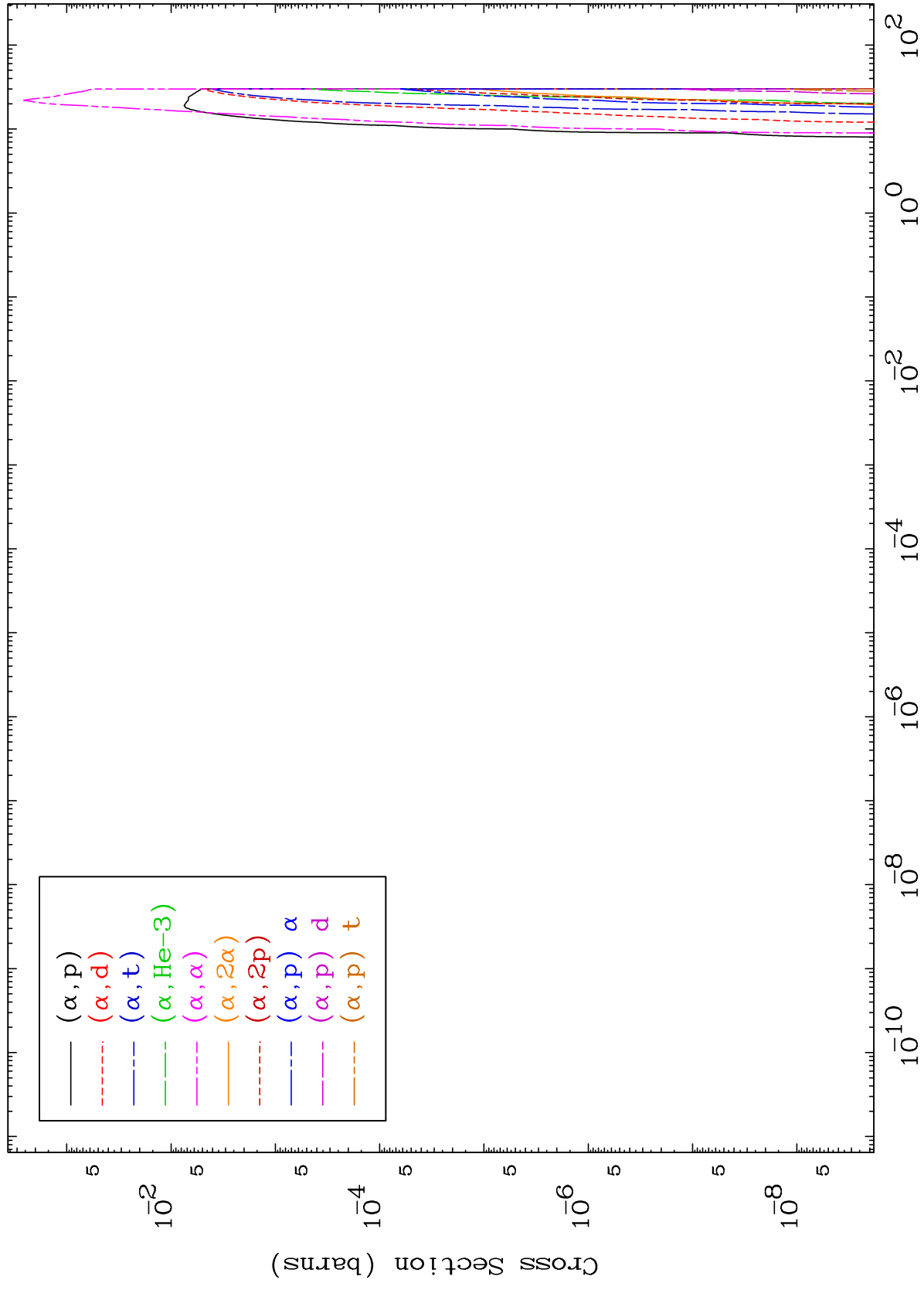
2

Incident Energy (MeV)

41-Nb-94



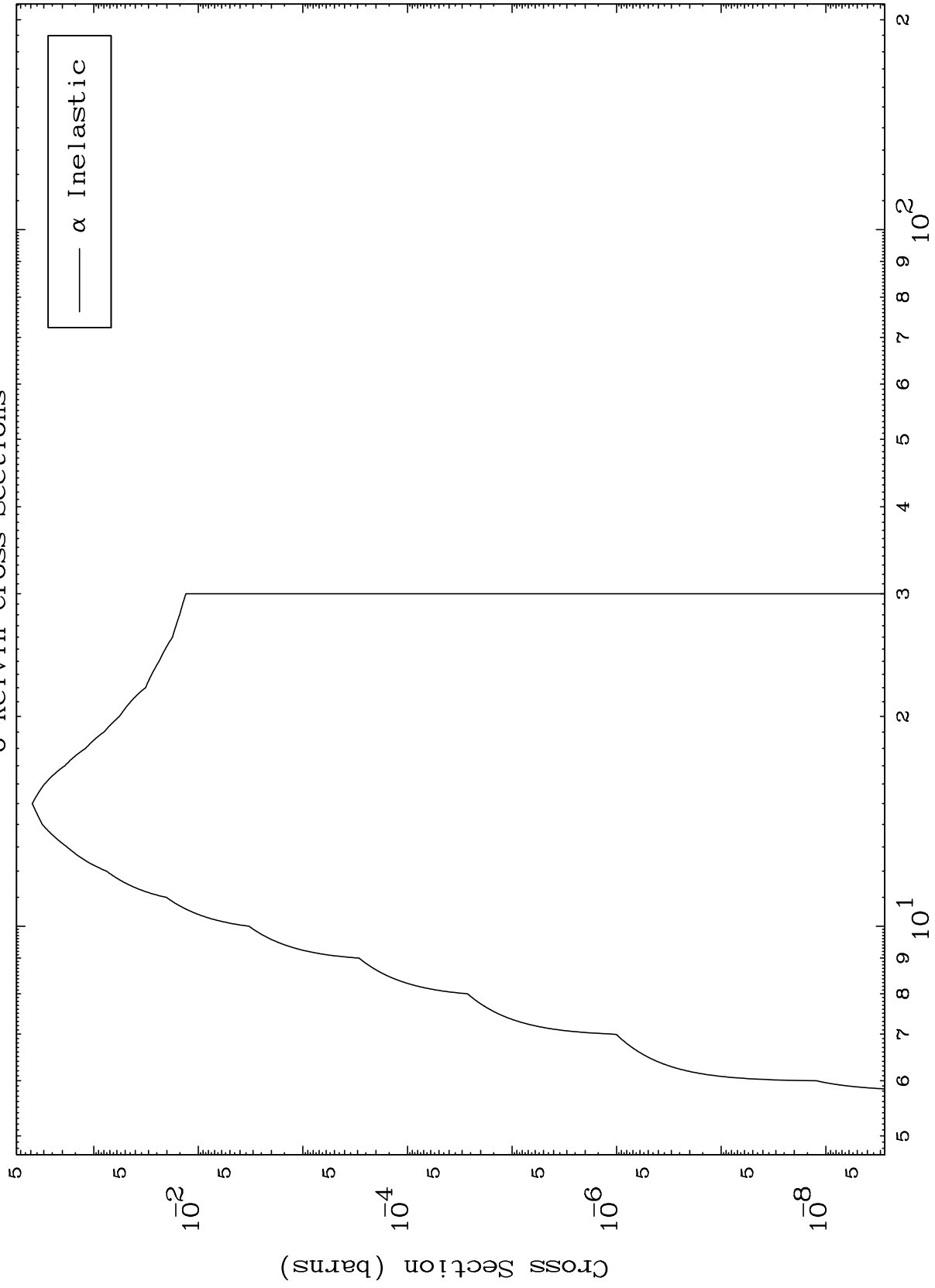




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(α, n') Level
0 Kelvin Cross Sections

41-Nb-94



6

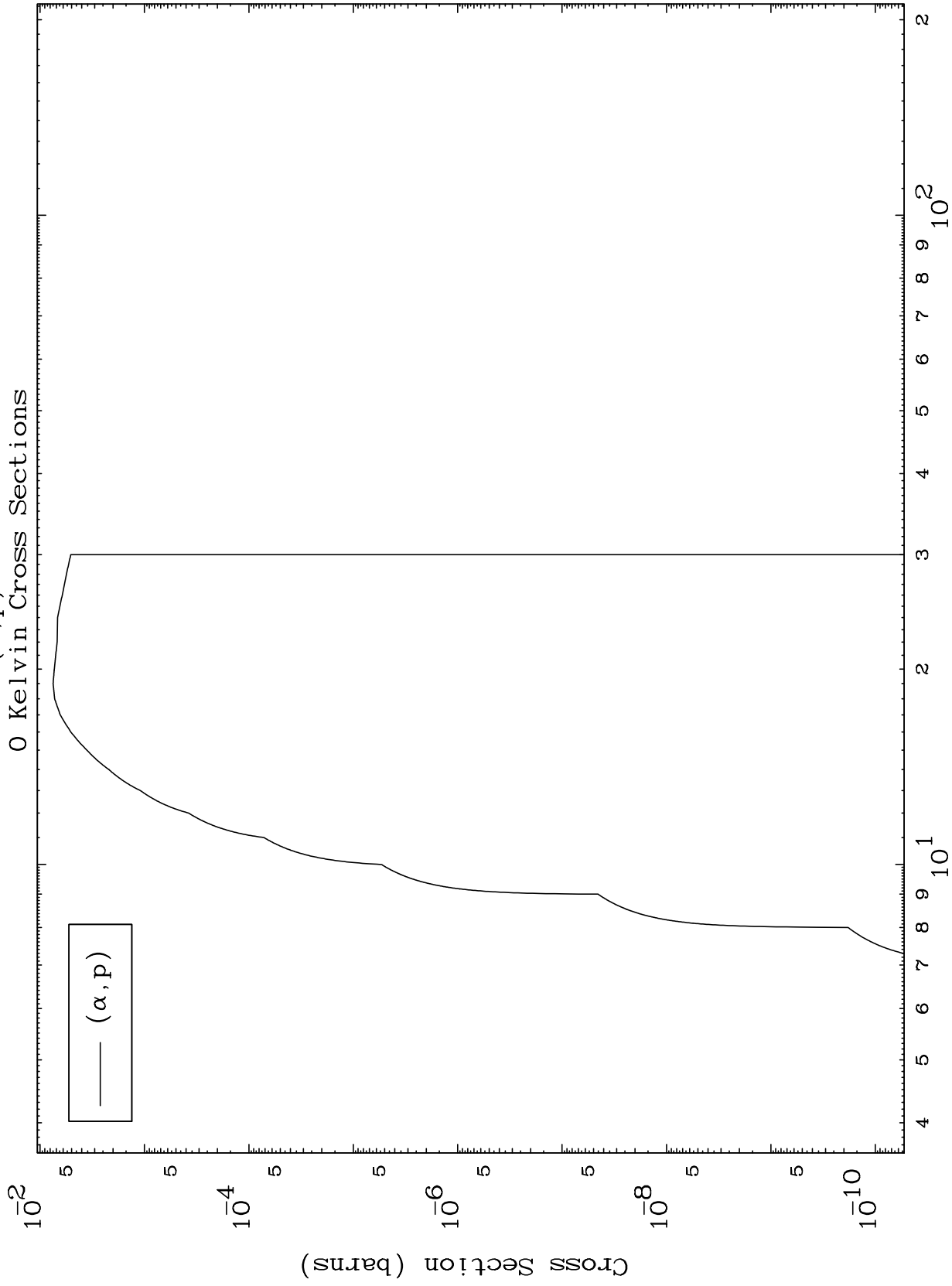
Incident Energy (MeV)

41-Nb-94

MAT 4129

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-94



7

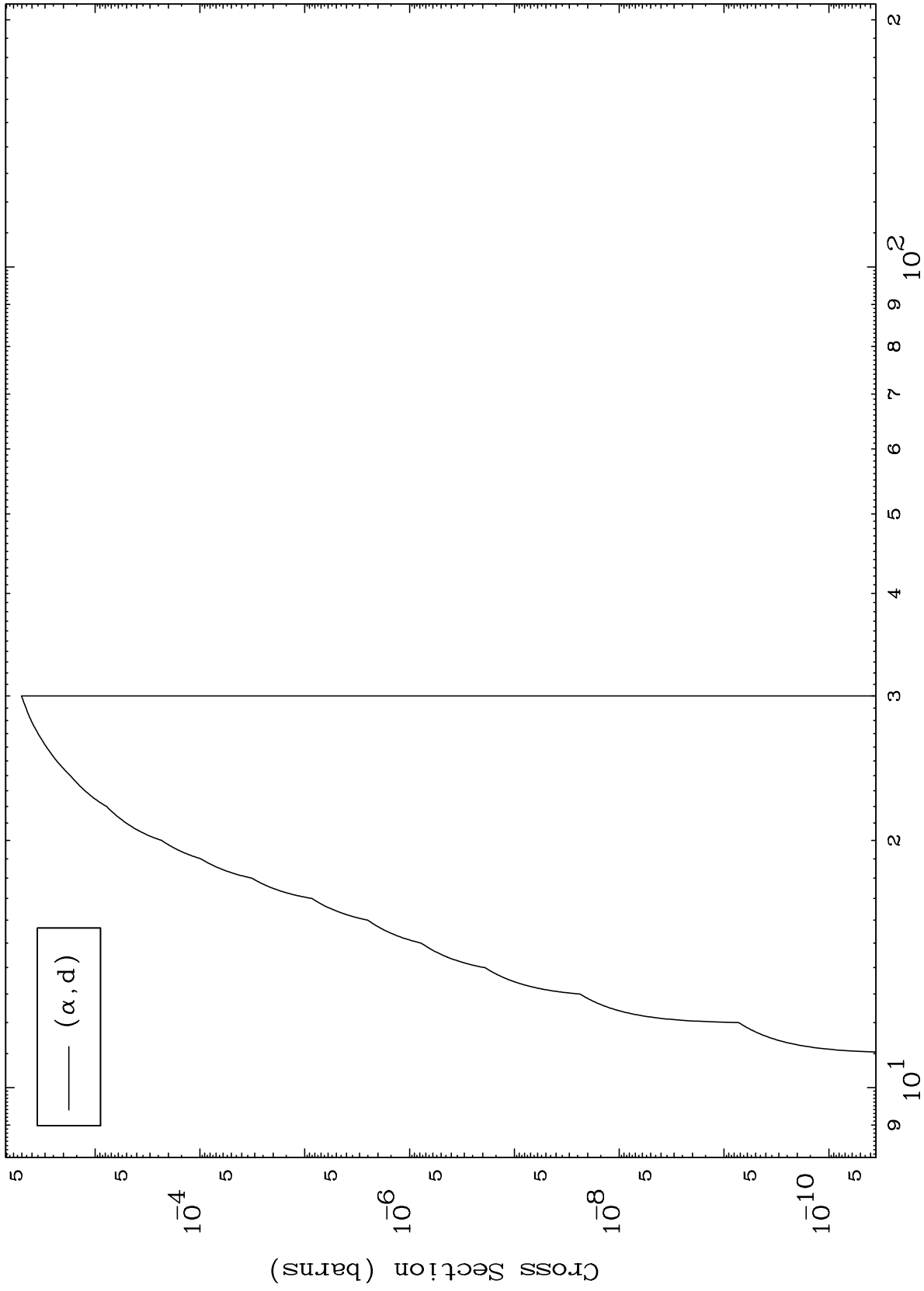
Incident Energy (MeV)

41-Nb-94

MAT 4129

(α, d) Levels
0 Kelvin Cross Sections

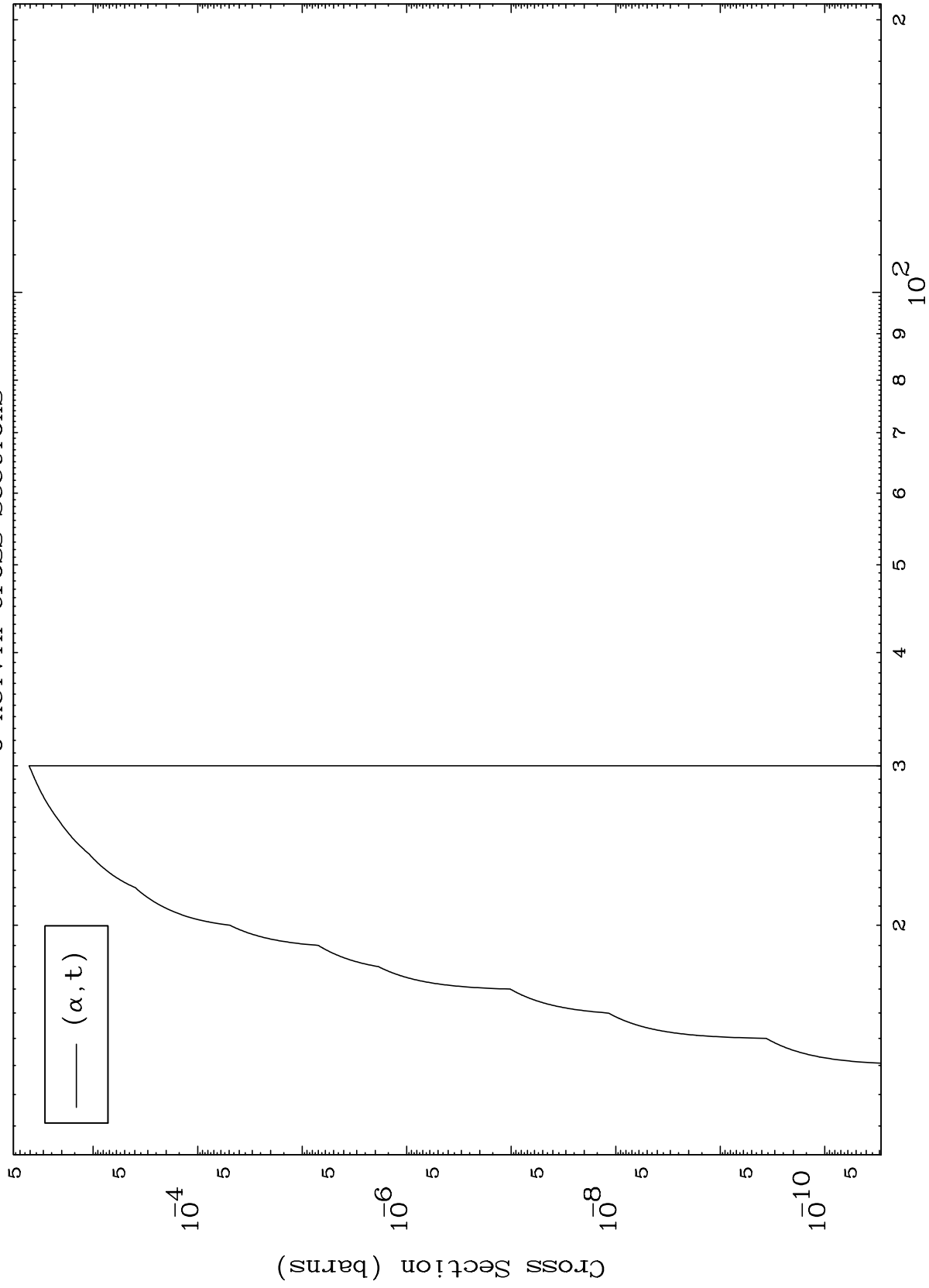
41-Nb-94



8

Incident Energy (MeV)

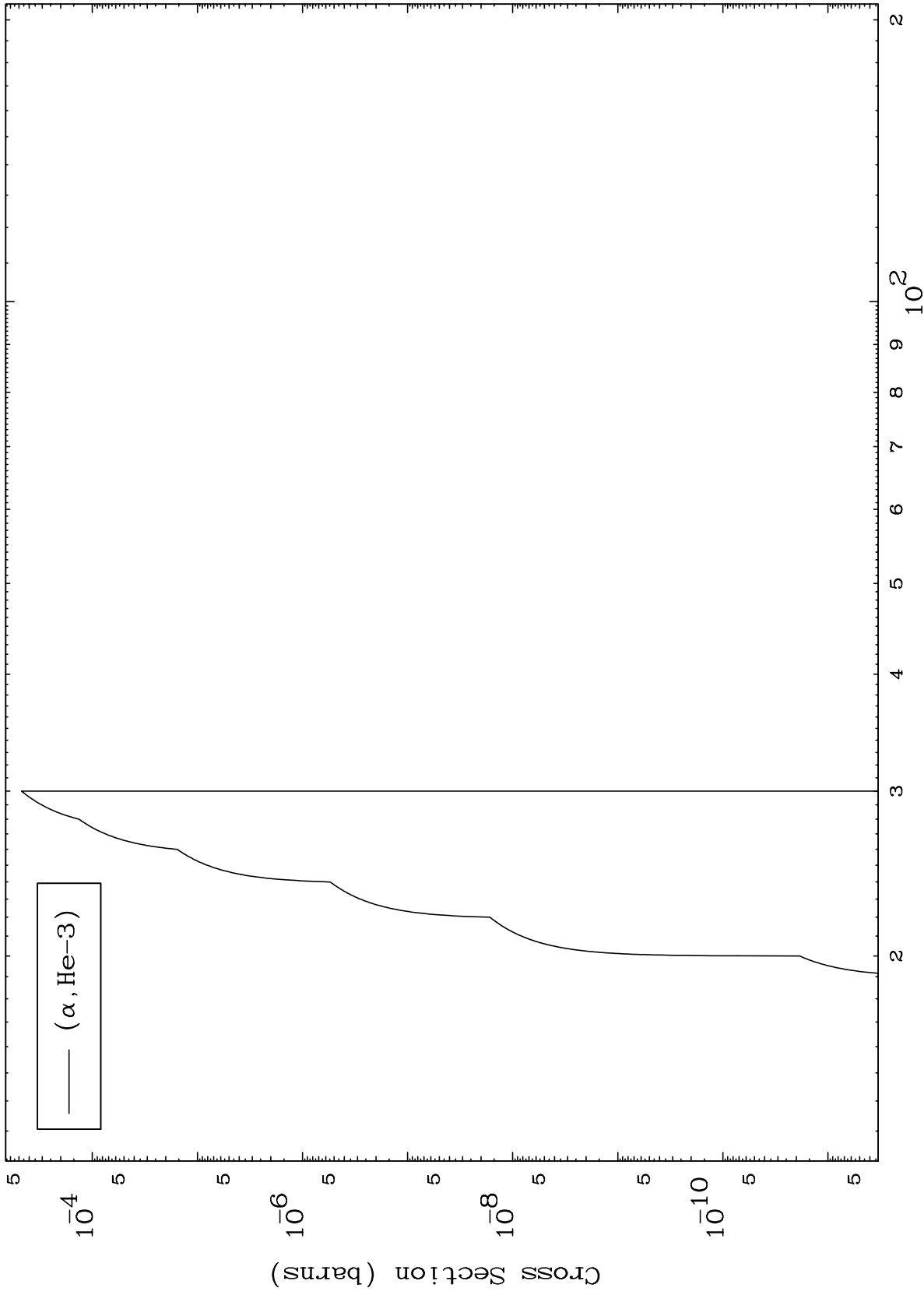
41-Nb-94



MAT 4129

(α ,He3) Levels
0 Kelvin Cross Sections

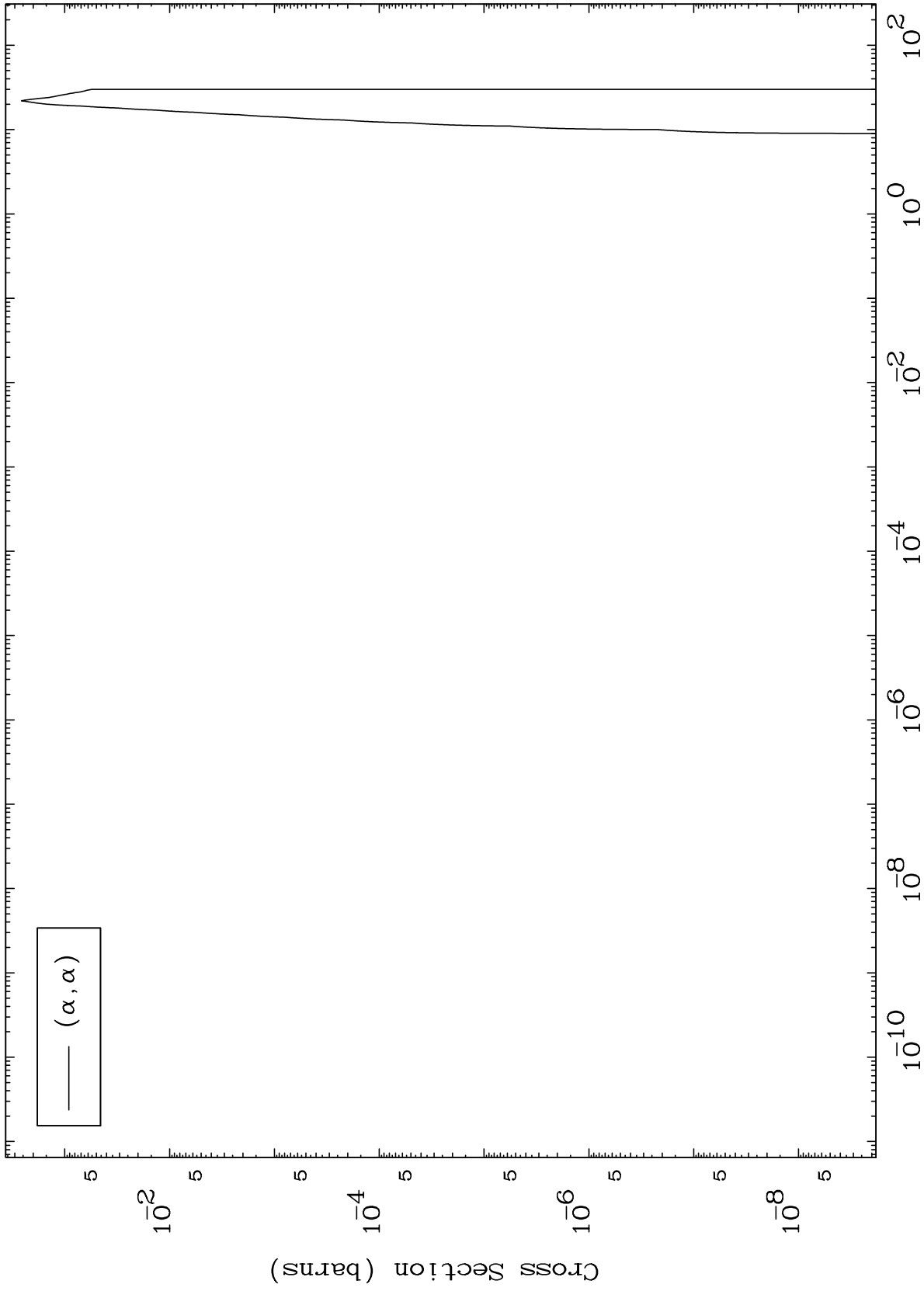
41-Nb-94



10

Incident Energy (MeV)

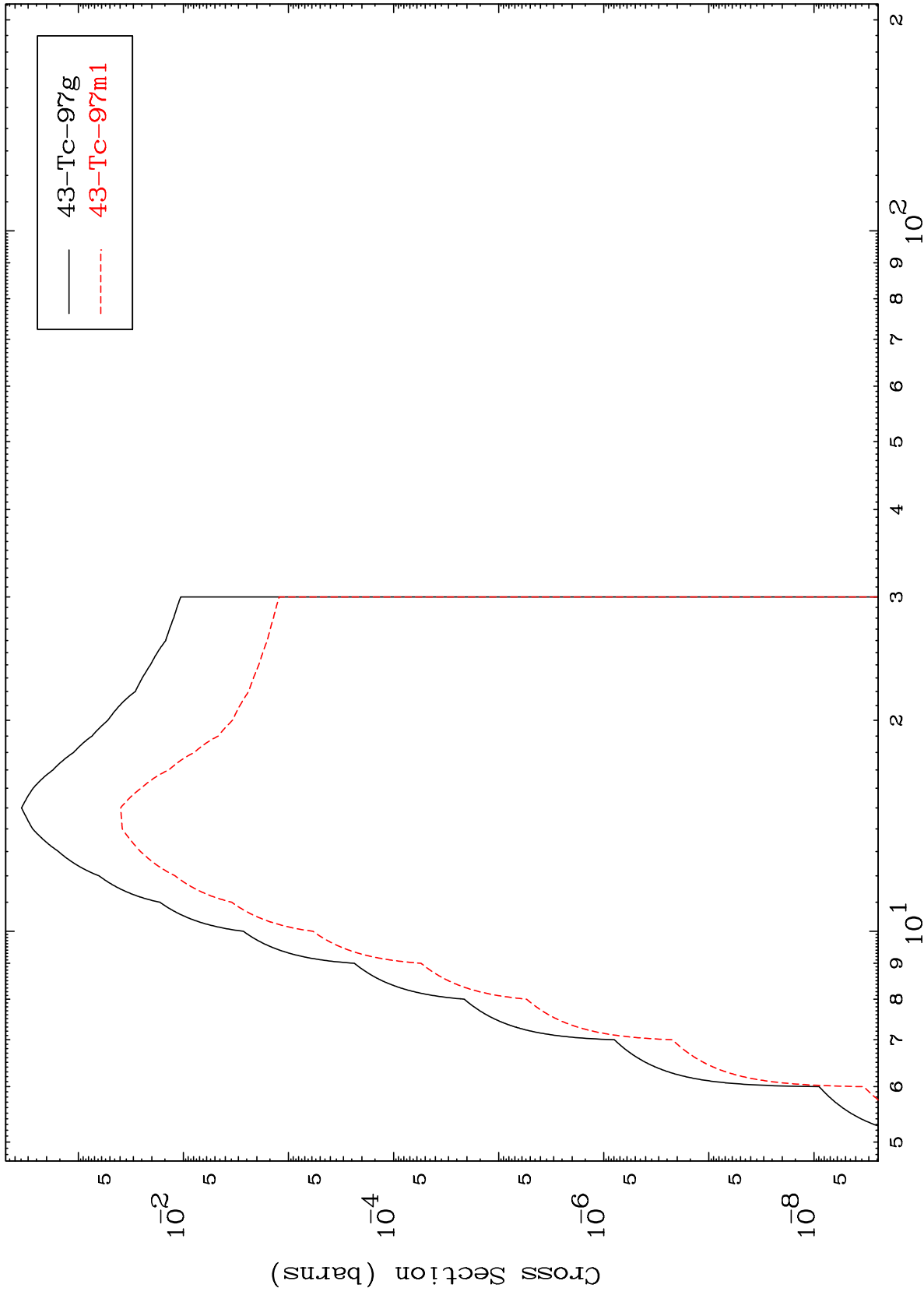
41-Nb-94



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α Inelastic
Radionuclide Production Cross Section

41-Nb-94



12

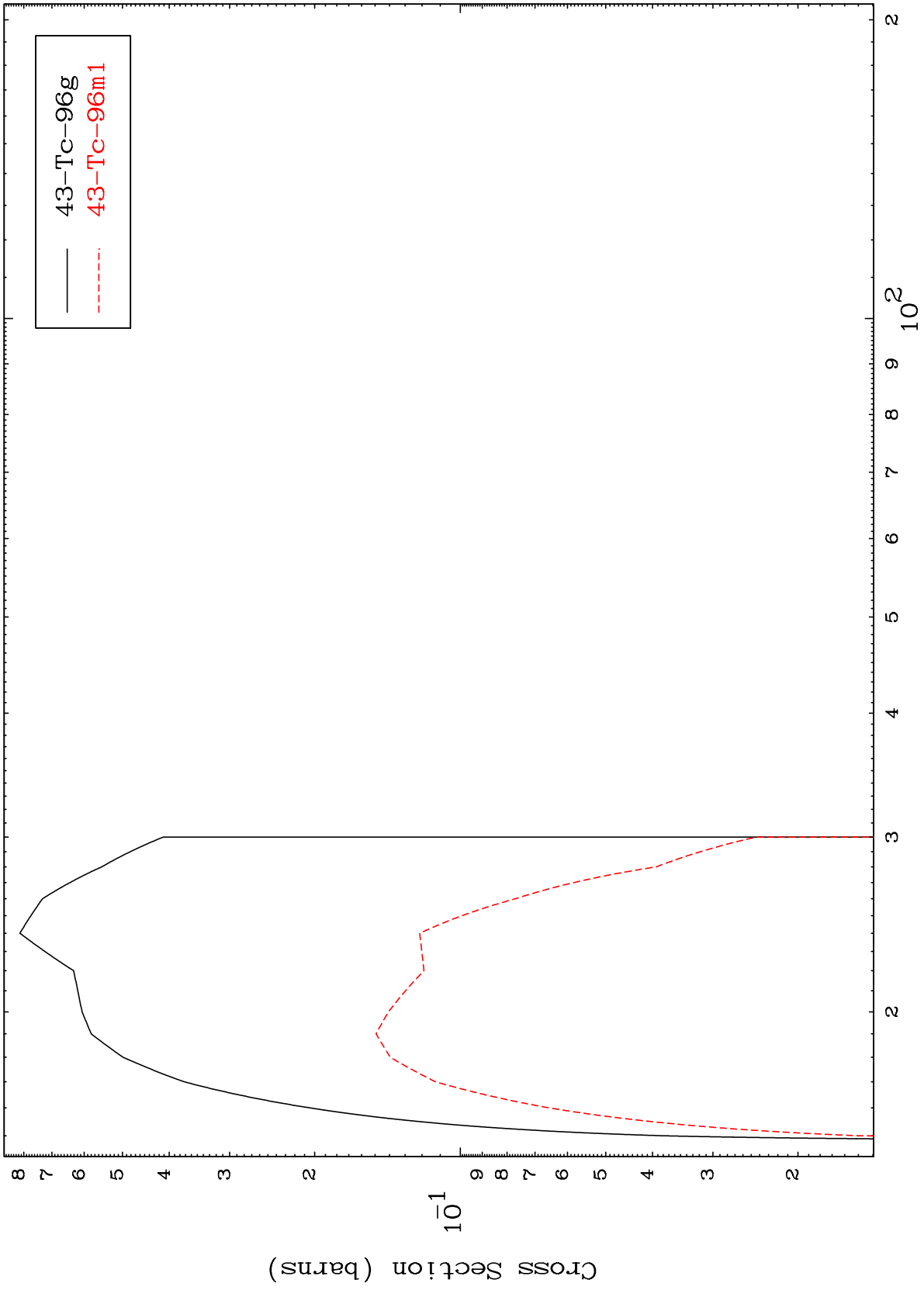
Incident Energy (MeV)

41-Nb-94

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41-Nb-94

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



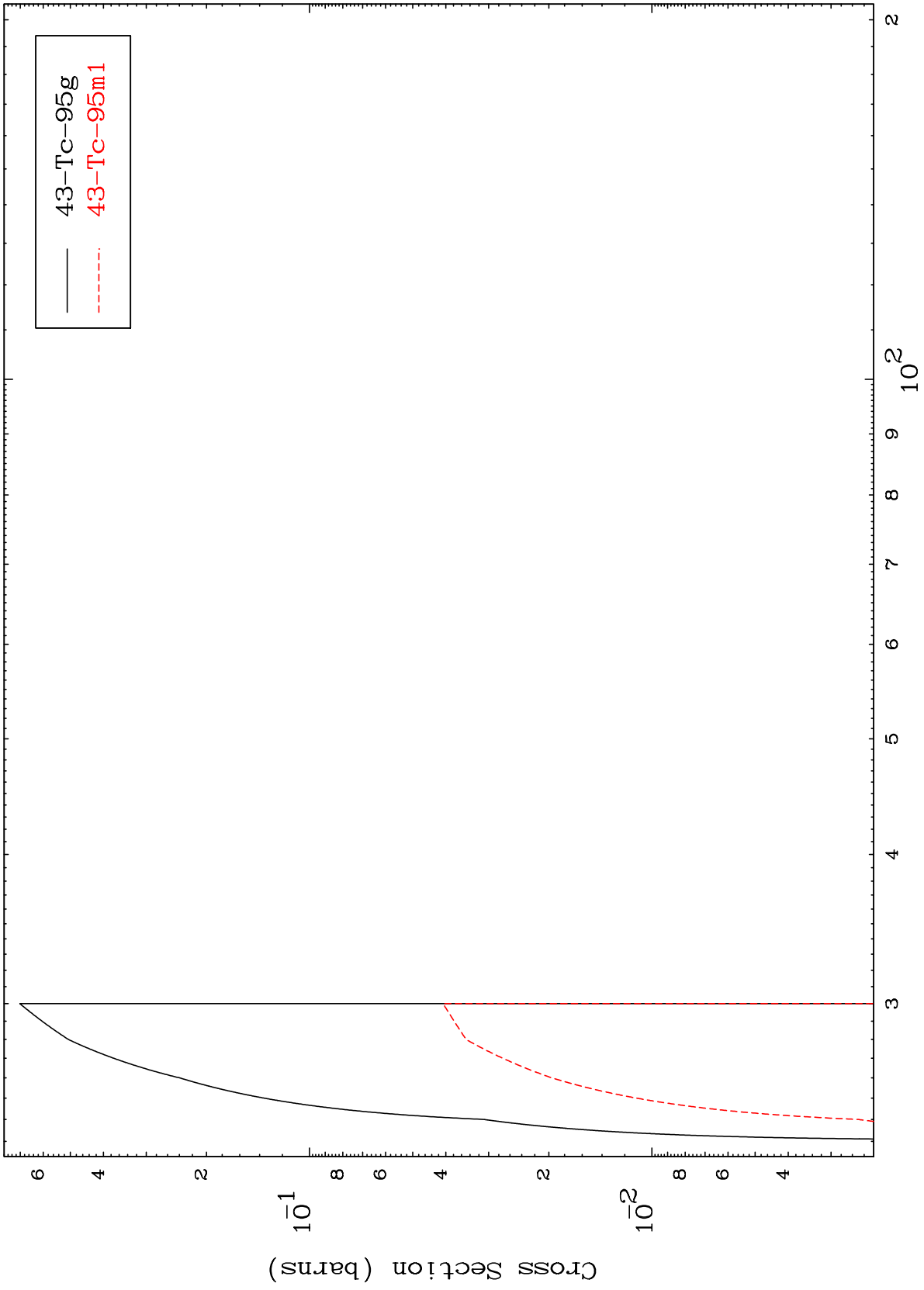
13

41-Nb-94

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41-Nb-94

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



14

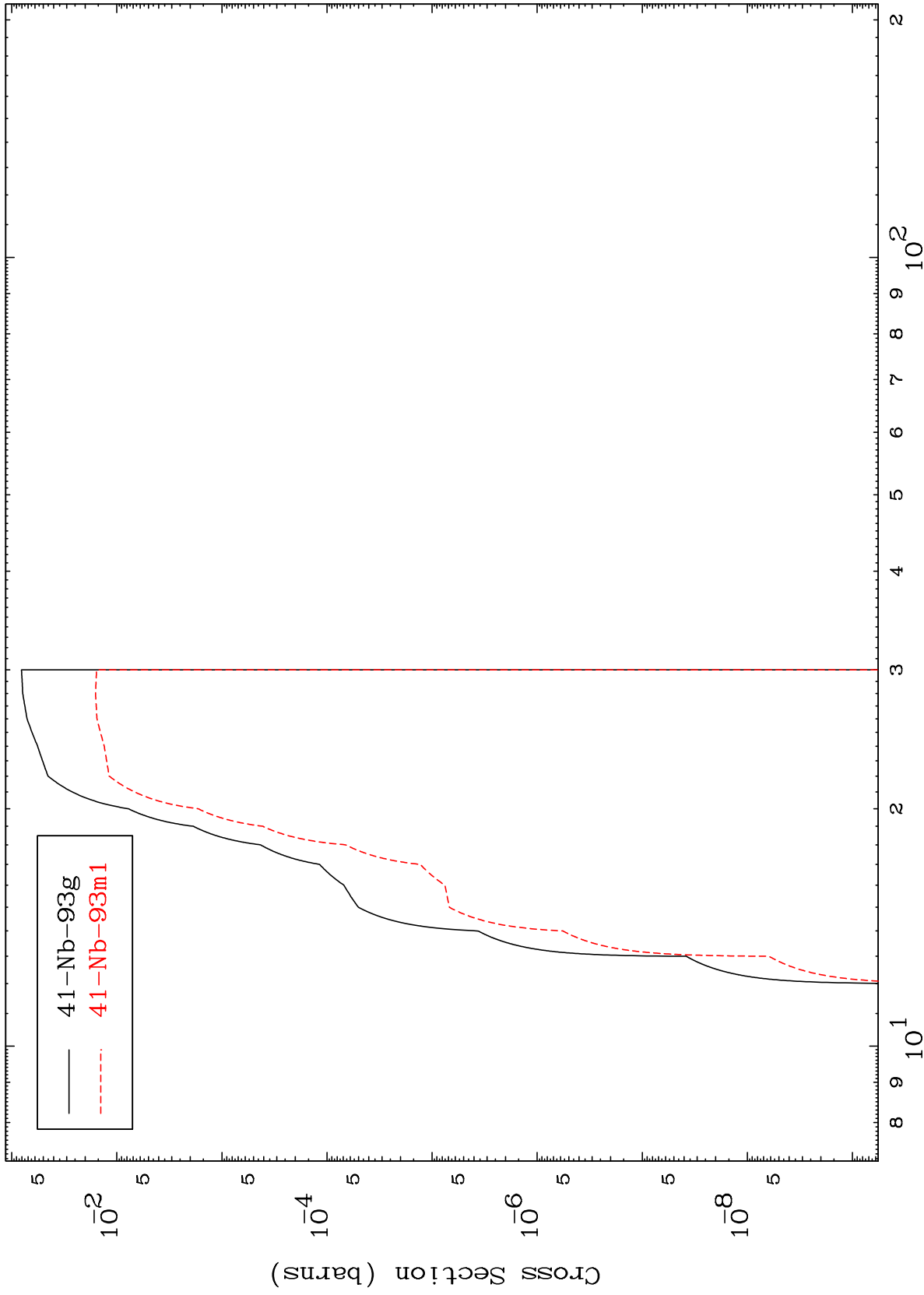
41-Nb-94

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(α, n') α

41-Nb-94

Radionuclide Production Cross Section



15

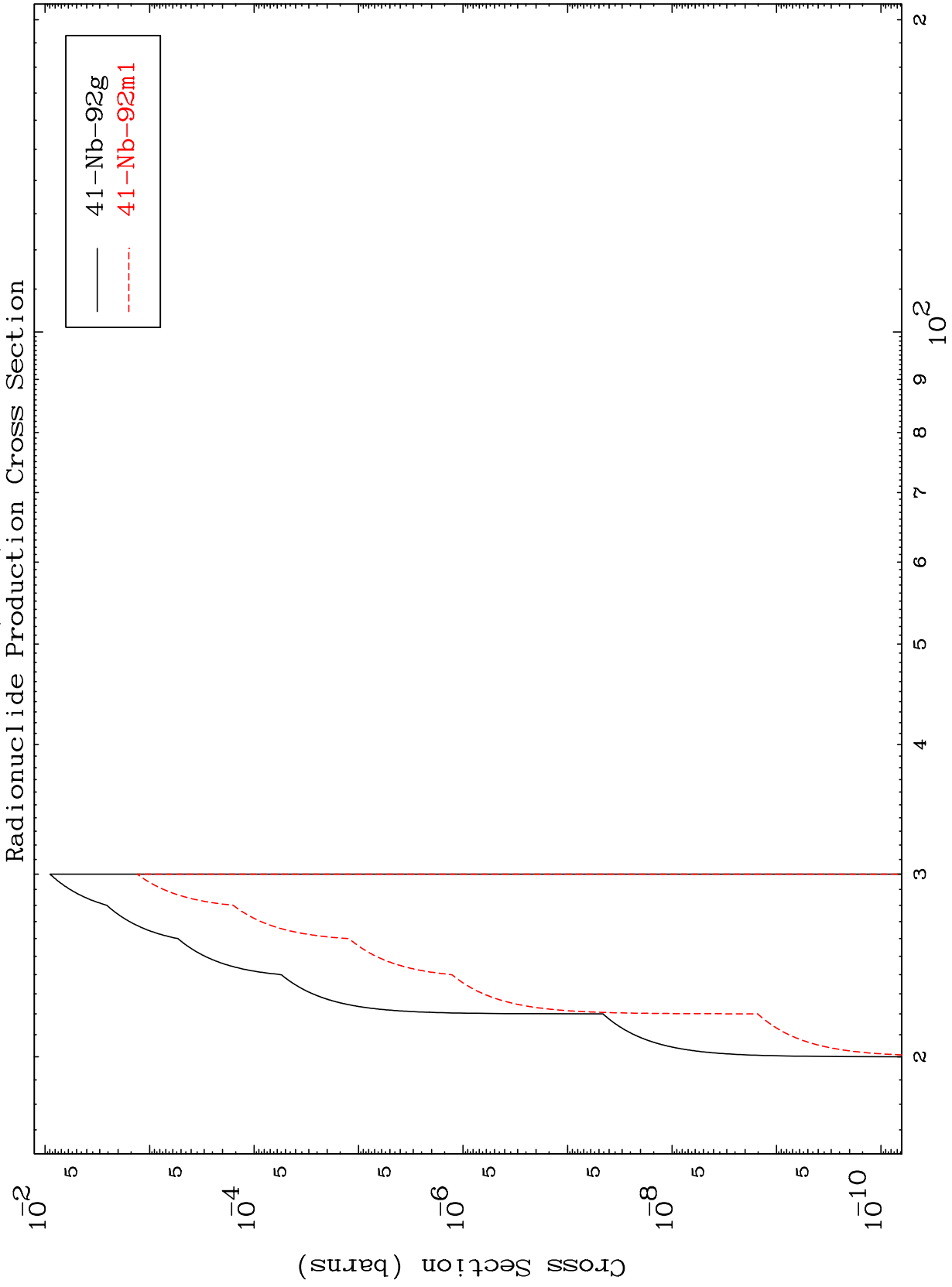
Incident Energy (MeV)

41-Nb-94

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($\alpha, 2n$) α

41-Nb-94



16

Incident Energy (MeV)

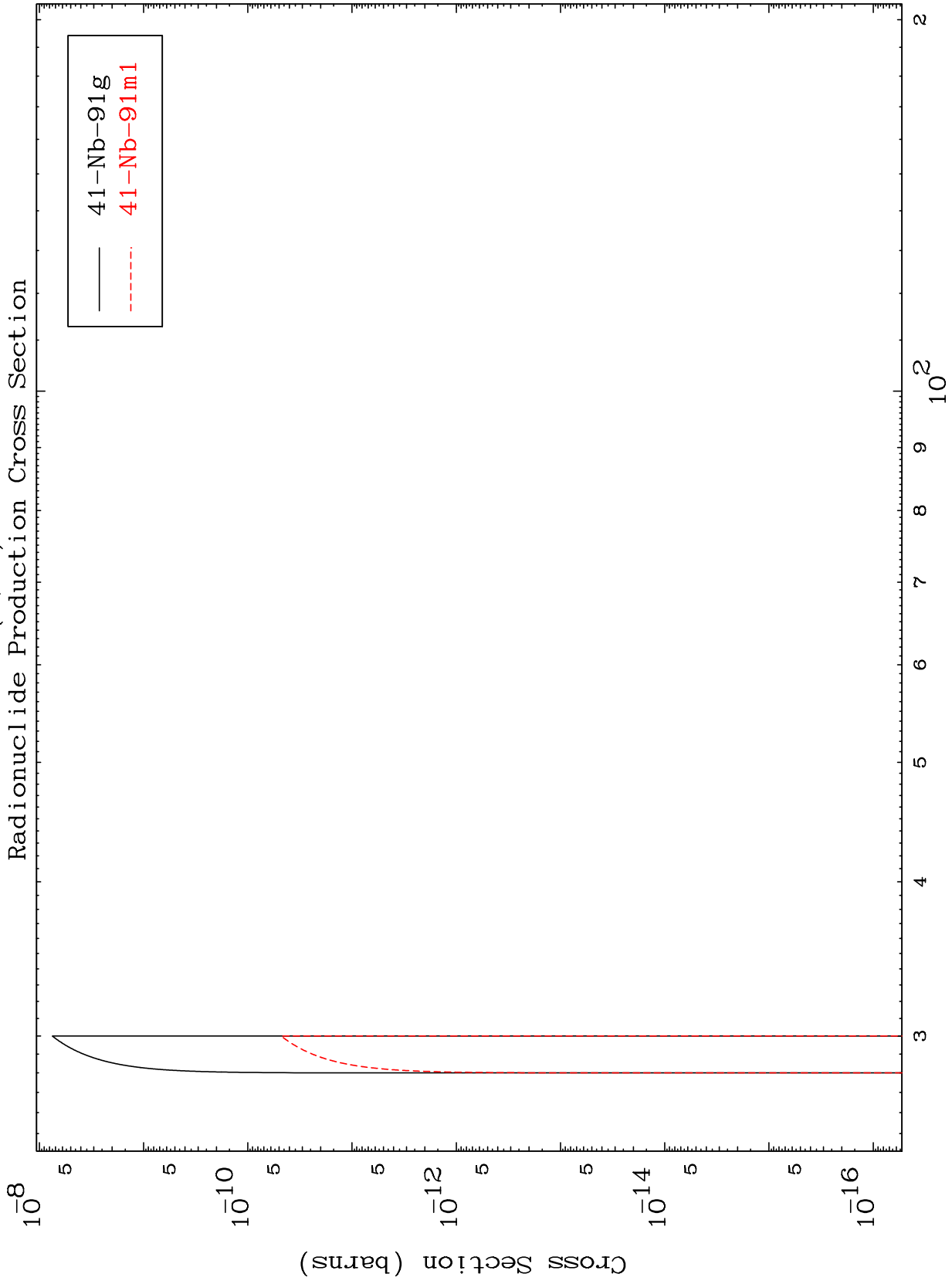
41-Nb-94

MAT 4129

($\alpha, 3n$) α

41-Nb-94

Radionuclide Production Cross Section



17

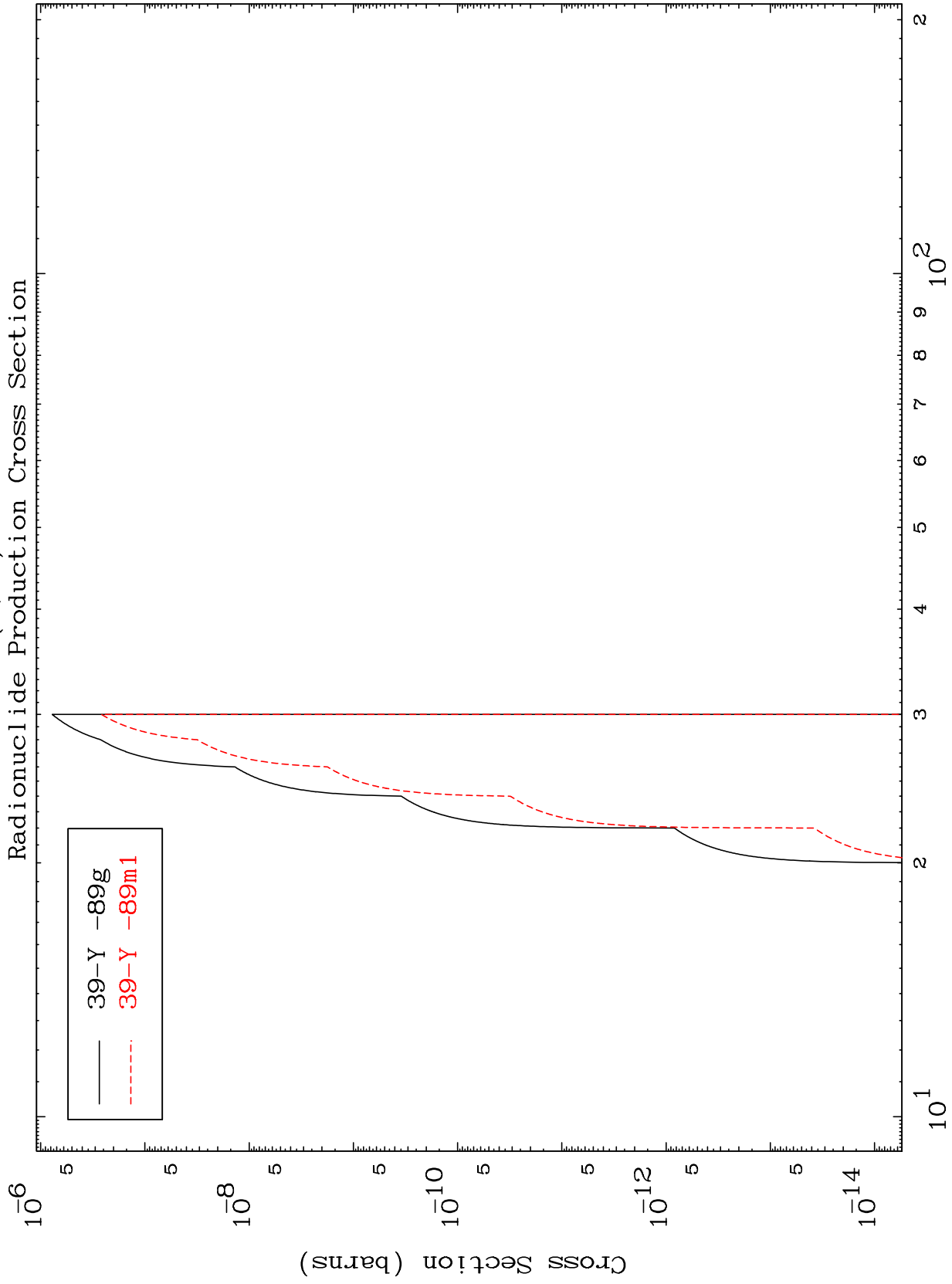
Incident Energy (MeV)

41-Nb-94

MAT 4129

(α, n') 2α

41-Nb-94

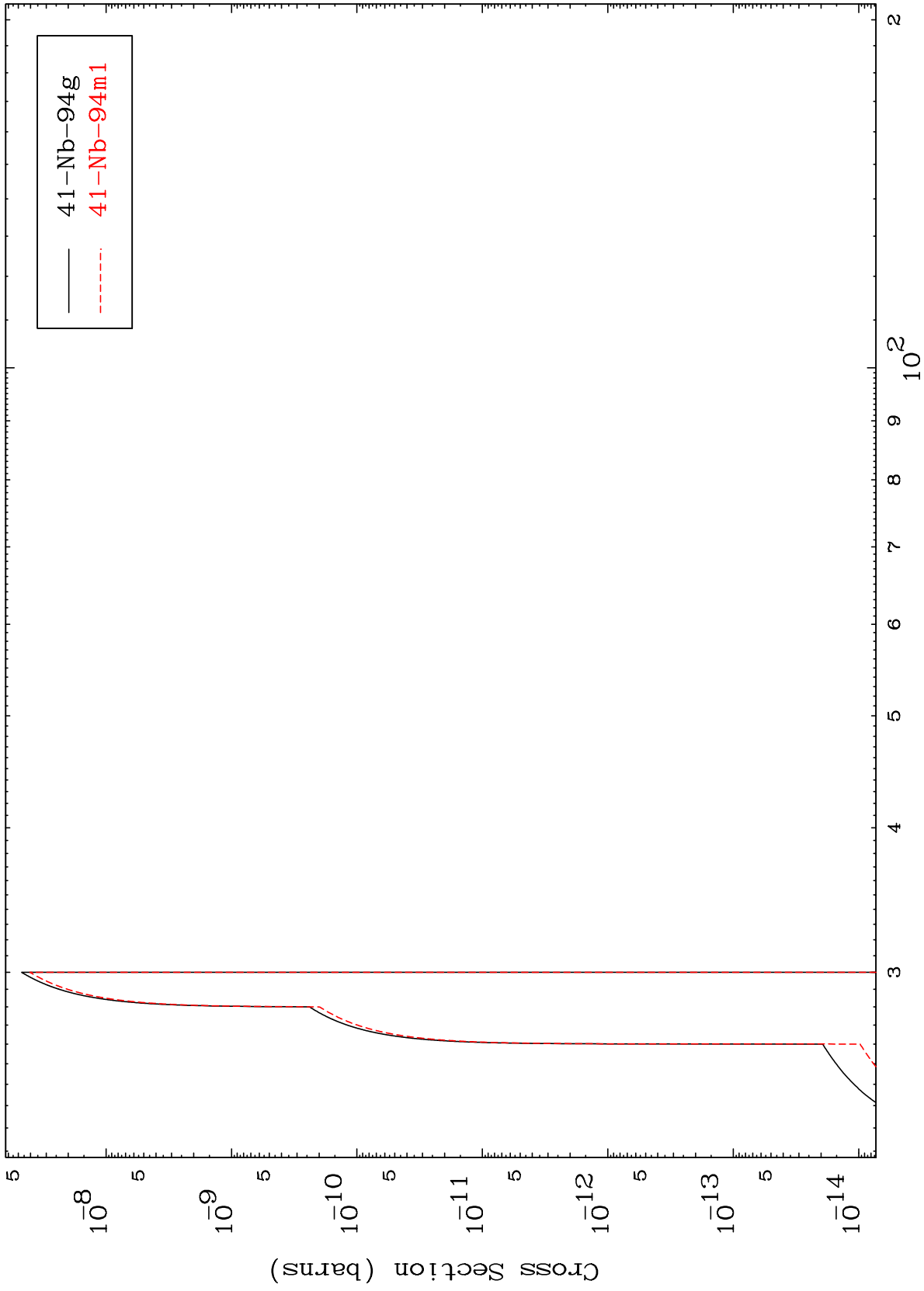


18

Incident Energy (MeV)

41-Nb-94

Radionuclide Production Cross Section

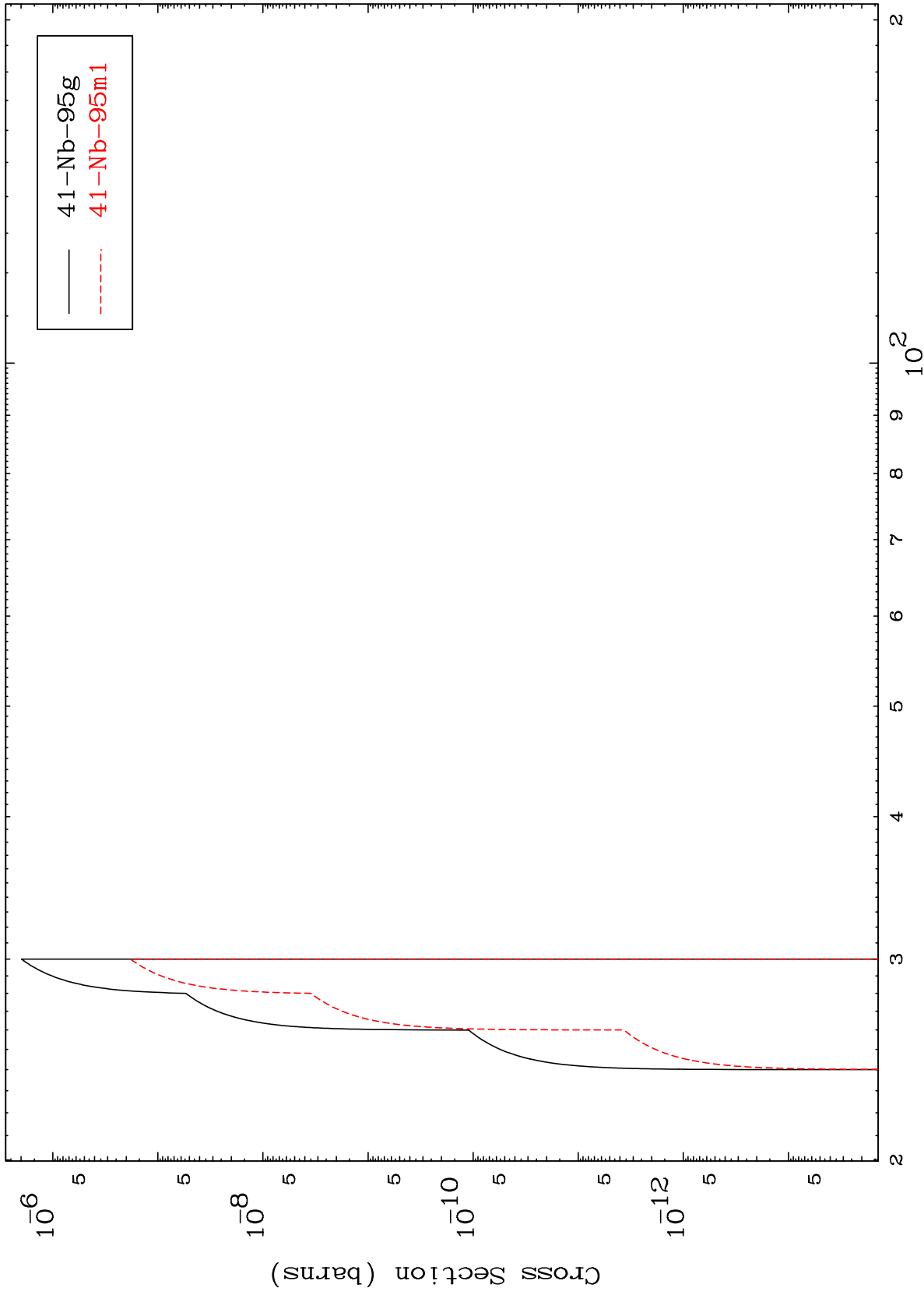


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($\alpha, 2n$) p

41-Nb-94

Radionuclide Production Cross Section



20

Incident Energy (MeV)

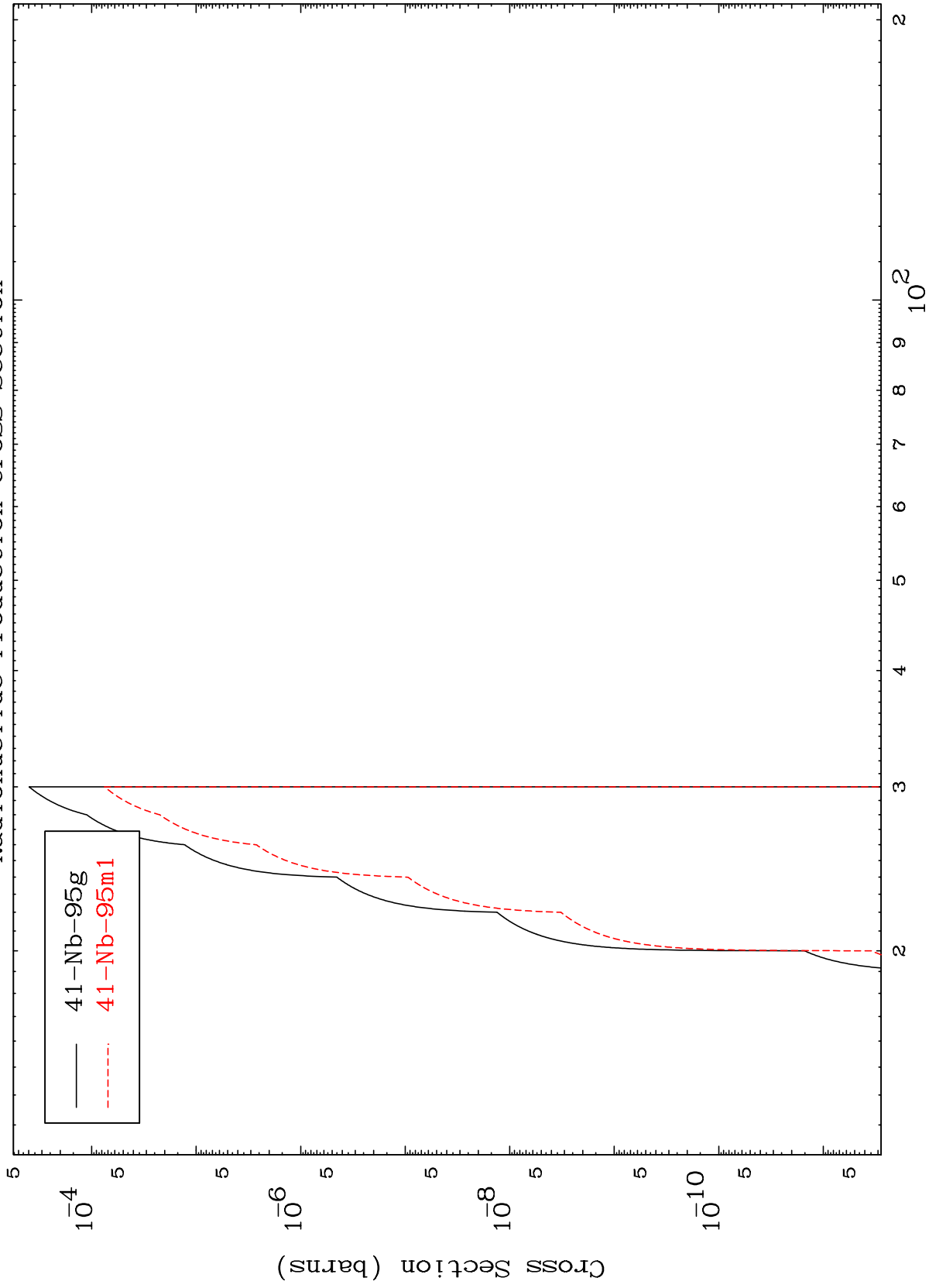
41-Nb-94

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

41-Nb-94

Radionuclide Production Cross Section



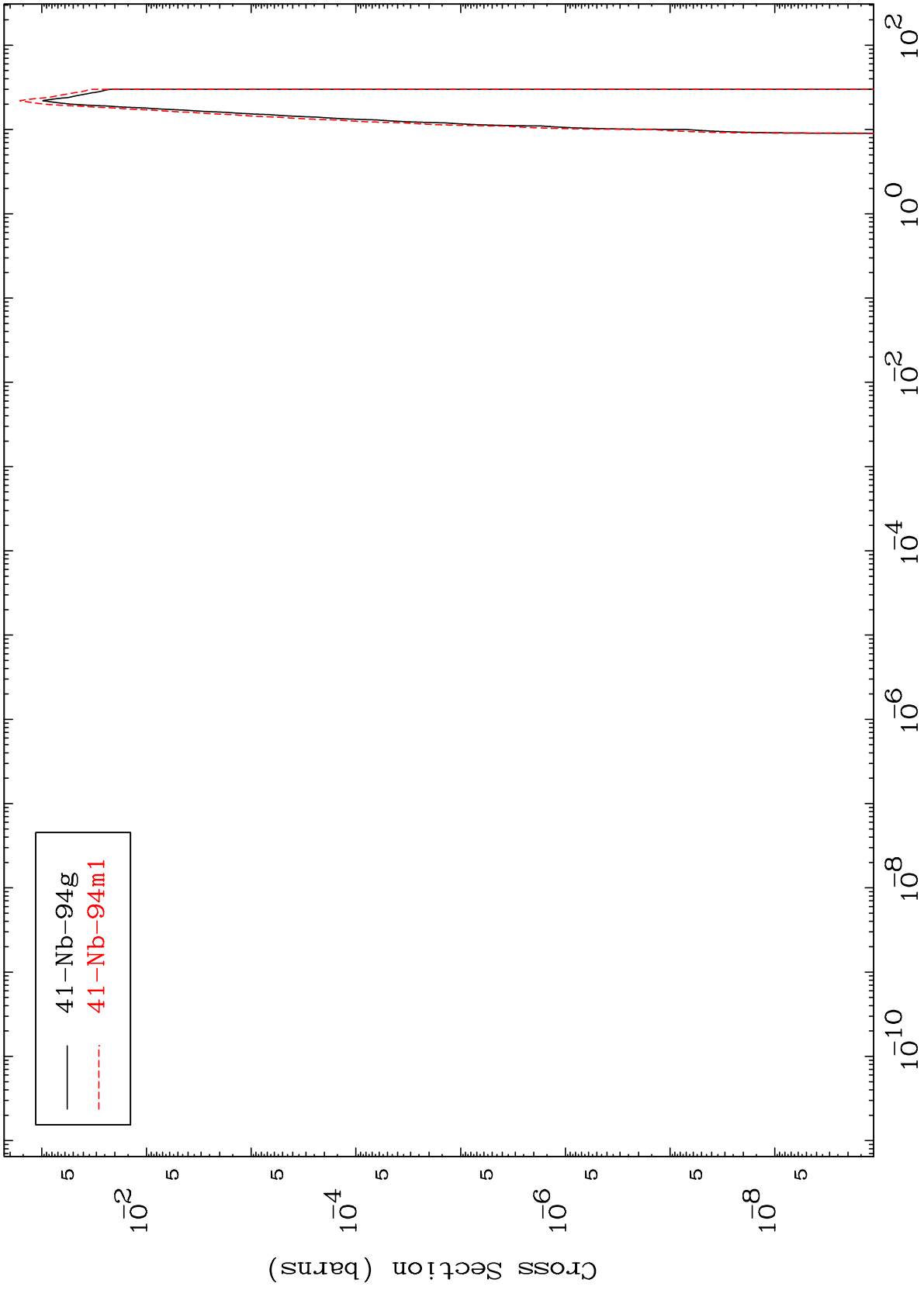
21

41-Nb-94

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Radionuclide Production Cross Section
(α, α)

41-Nb-94



22

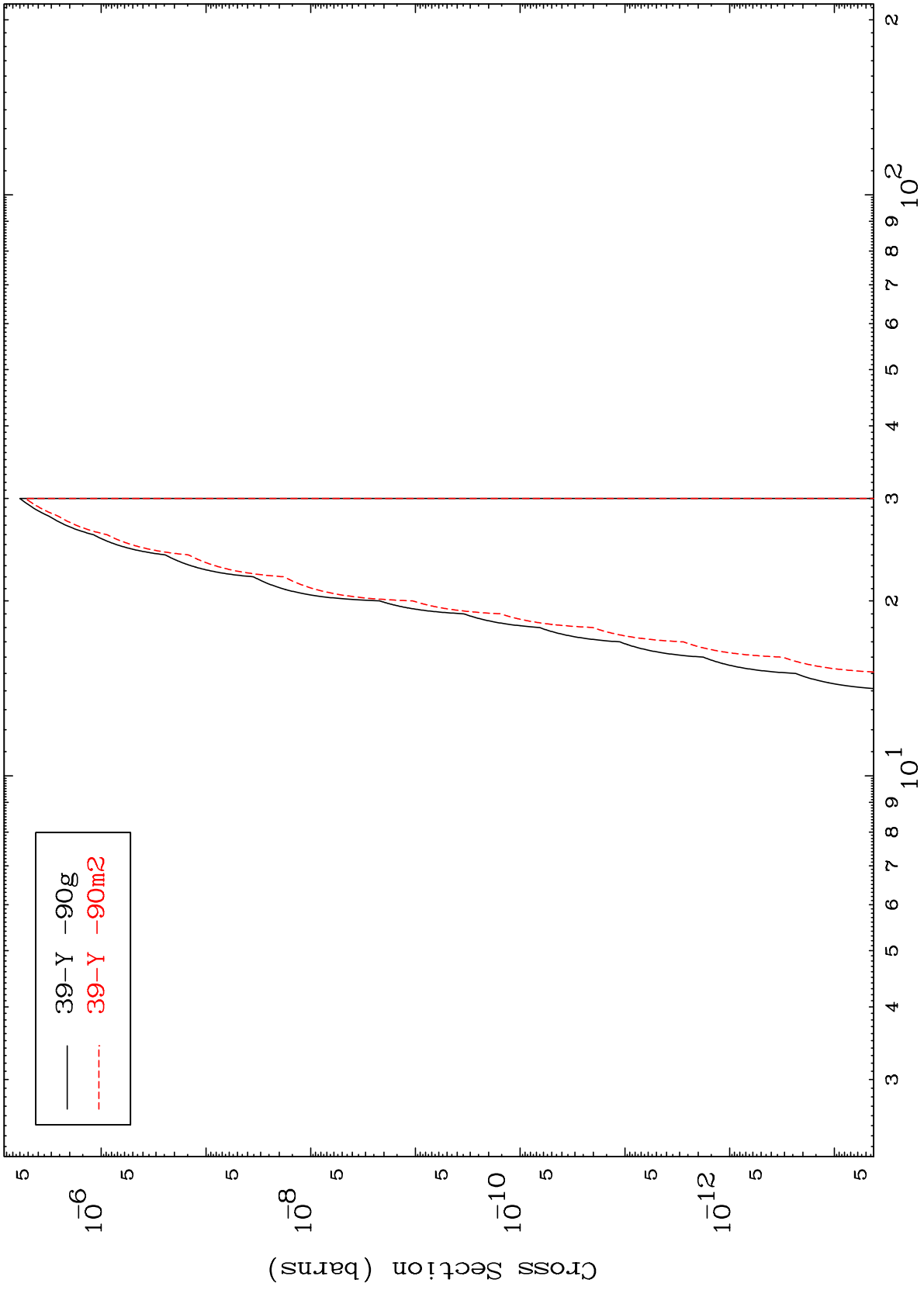
Incident Energy (MeV)

41-Nb-94

MAT 4129

41-Nb-94

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



23

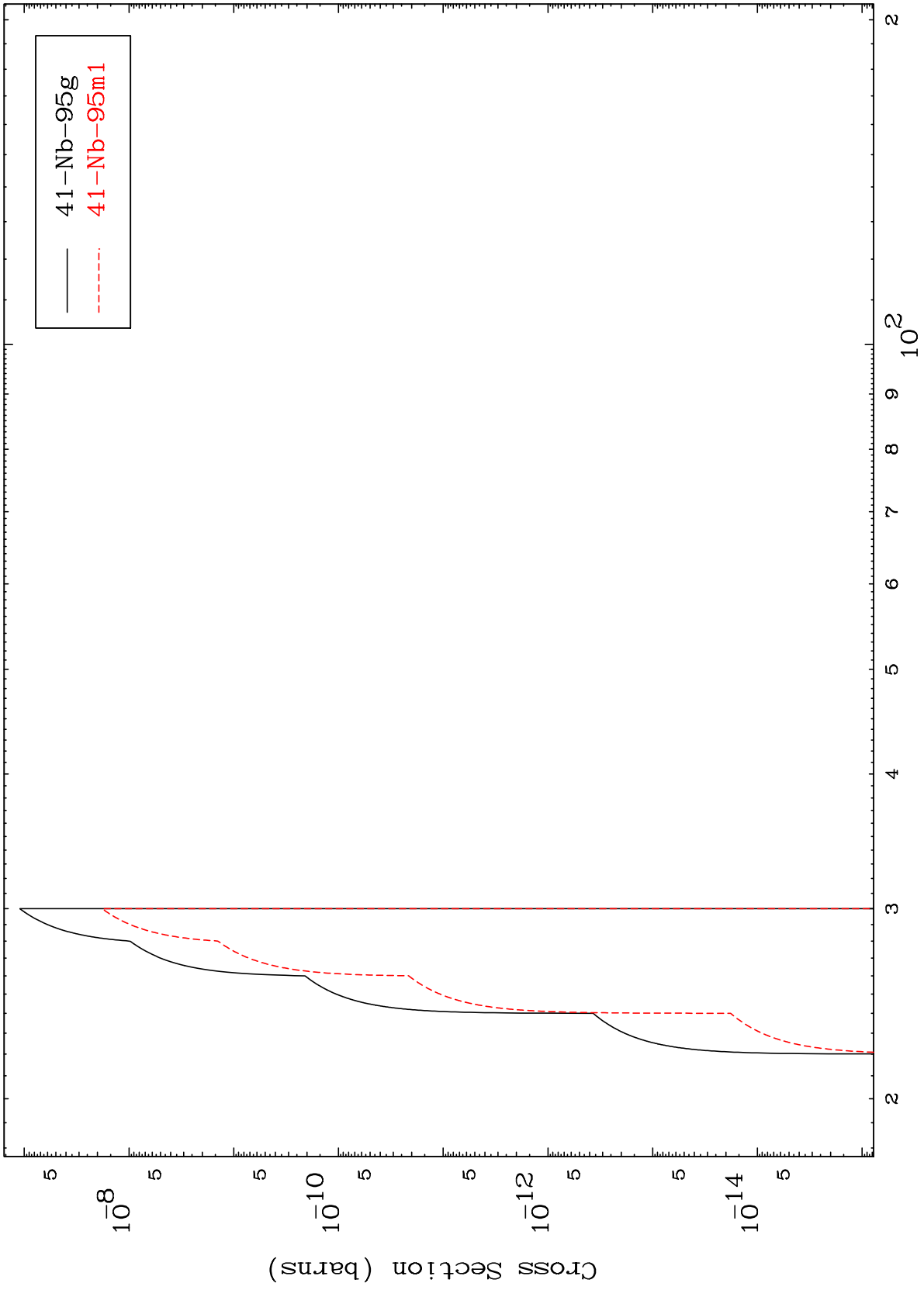
41-Nb-94

MAT 4129

(α, p) d

41-Nb-94

Radionuclide Production Cross Section



24

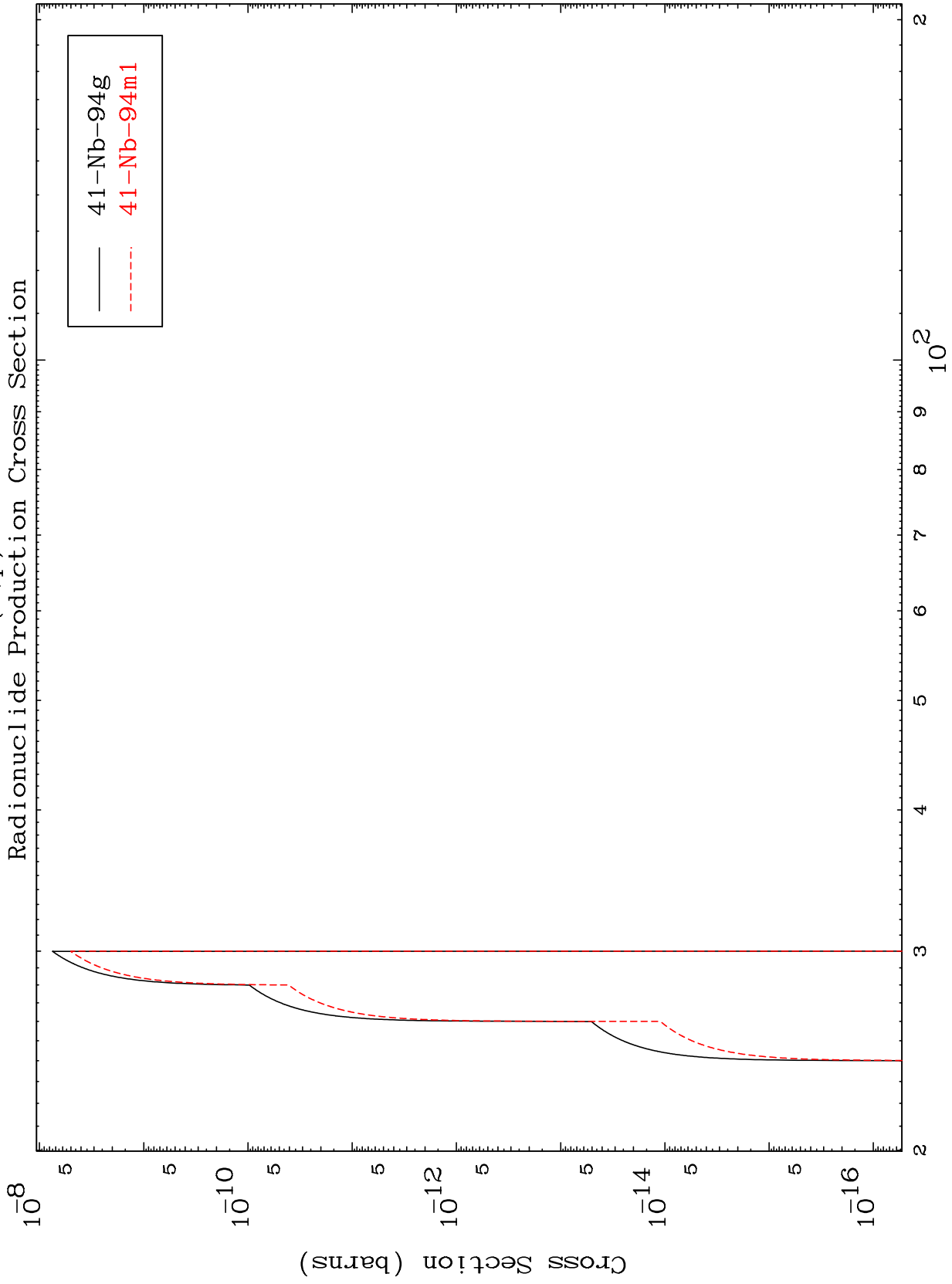
Incident Energy (MeV)

41-Nb-94

MAT 4129

(α, p) t

41-Nb-94



25

41-Nb-94