

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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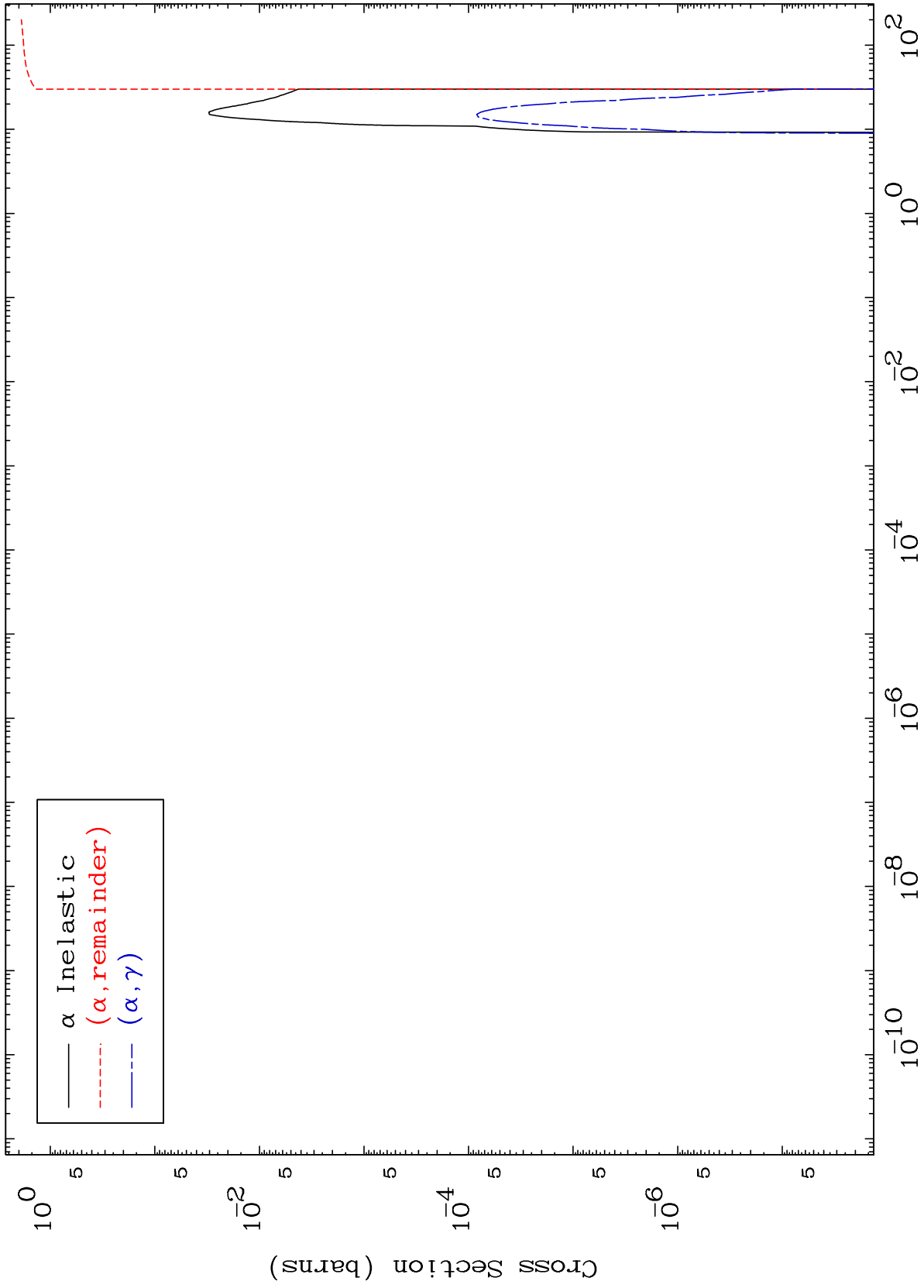
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

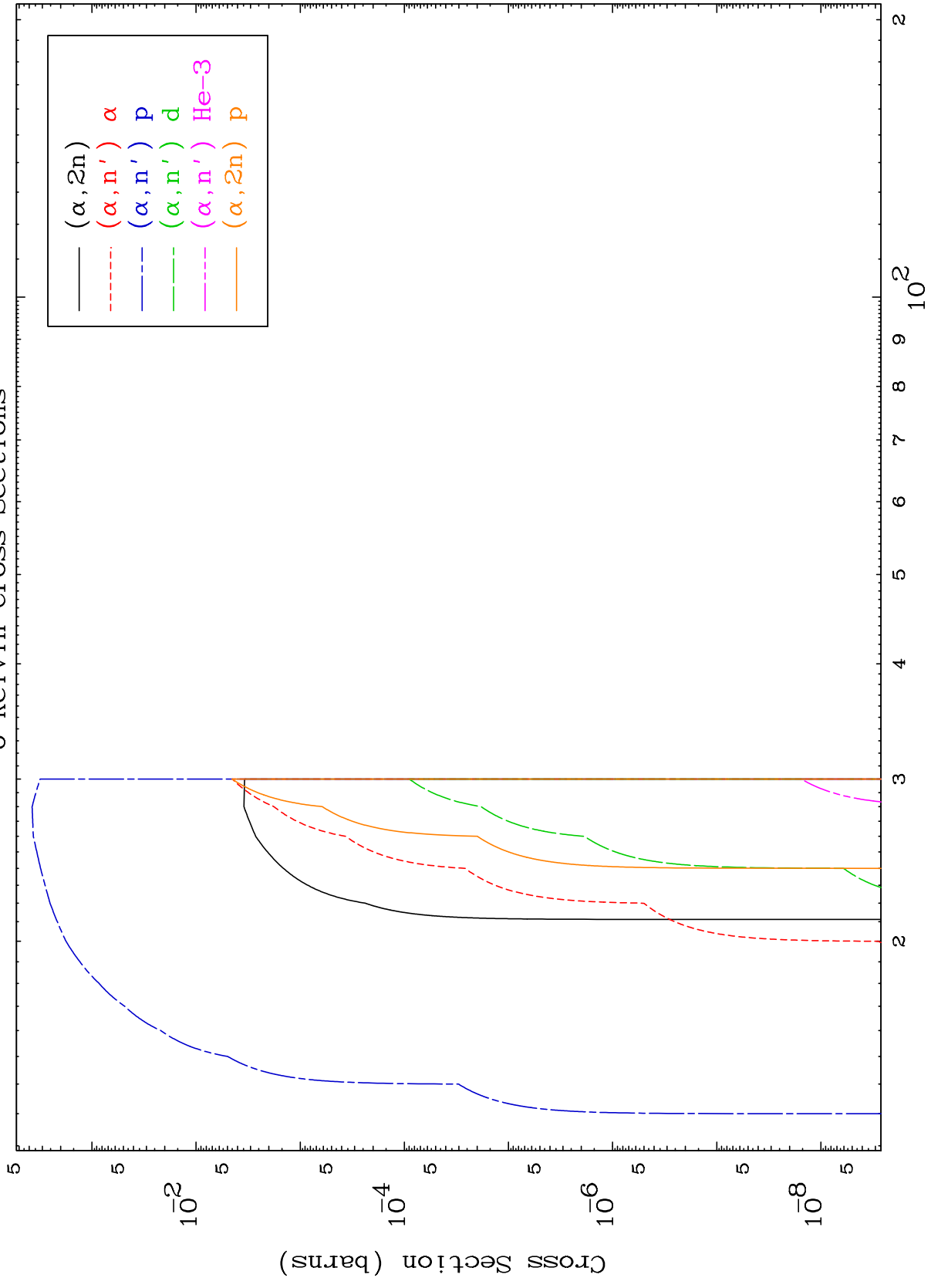
Press Mouse Button to Start

MAT 4108

0 Kelvin α Major
Cross Sections

41-Nb-87

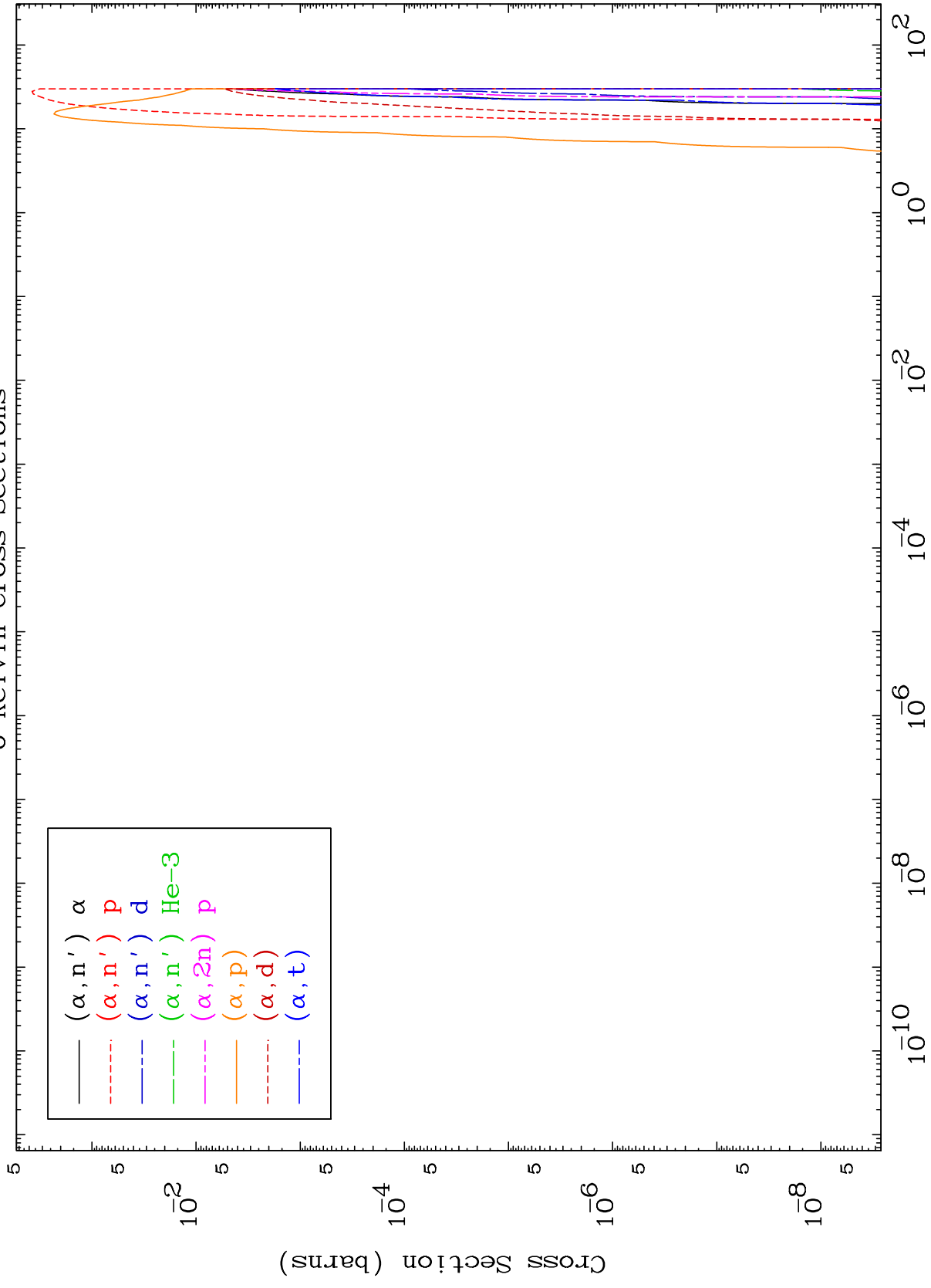




MAT 4108

α Charged Particle
0 Kelvin Cross Sections

41-Nb-87



3

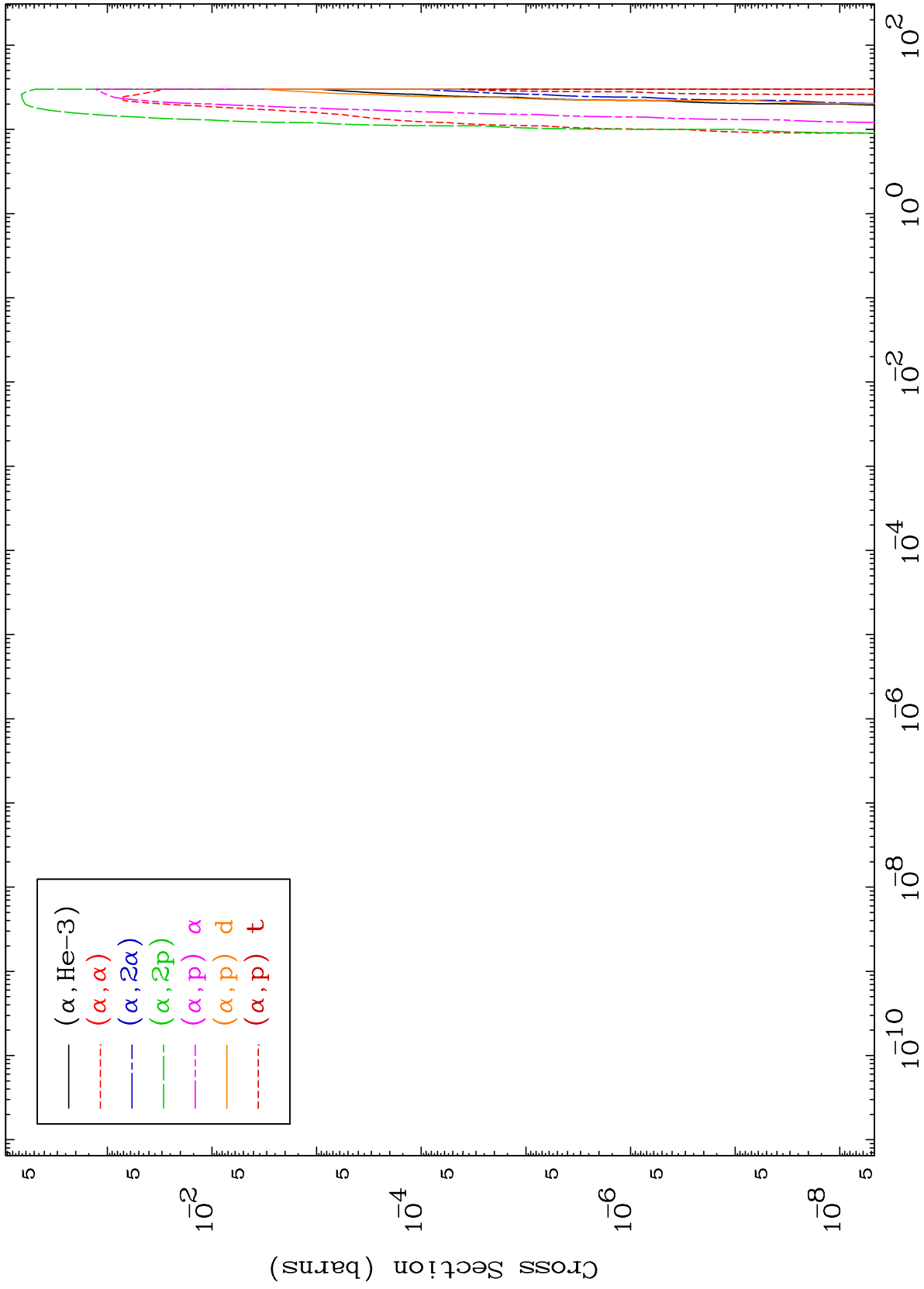
Incident Energy (MeV)

41-Nb-87

MAT 4108

α Charged Particle
0 Kelvin Cross Sections

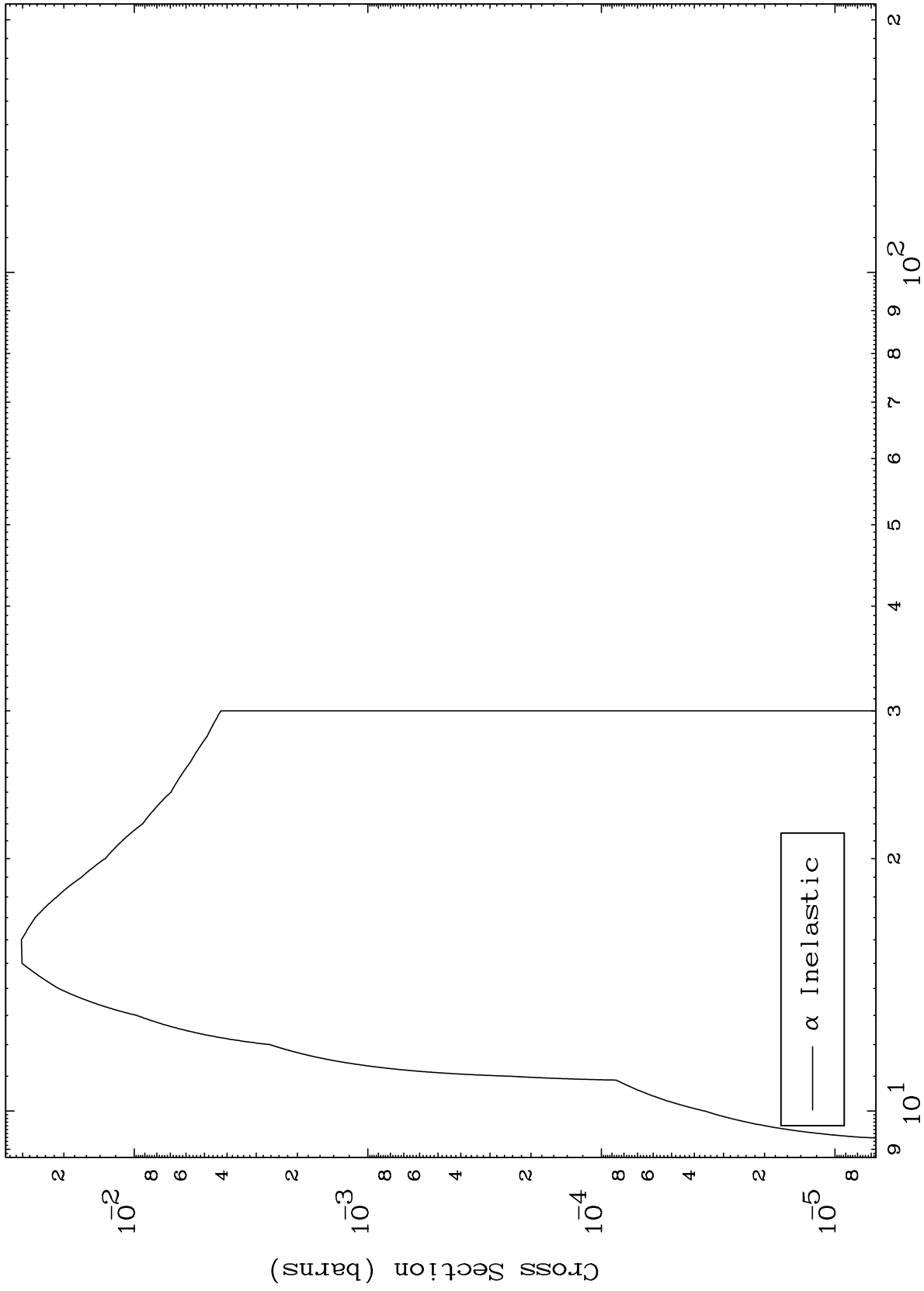
41-Nb-87



MAT 4108

(α, n') Level
0 Kelvin Cross Sections

41-Nb-87



5

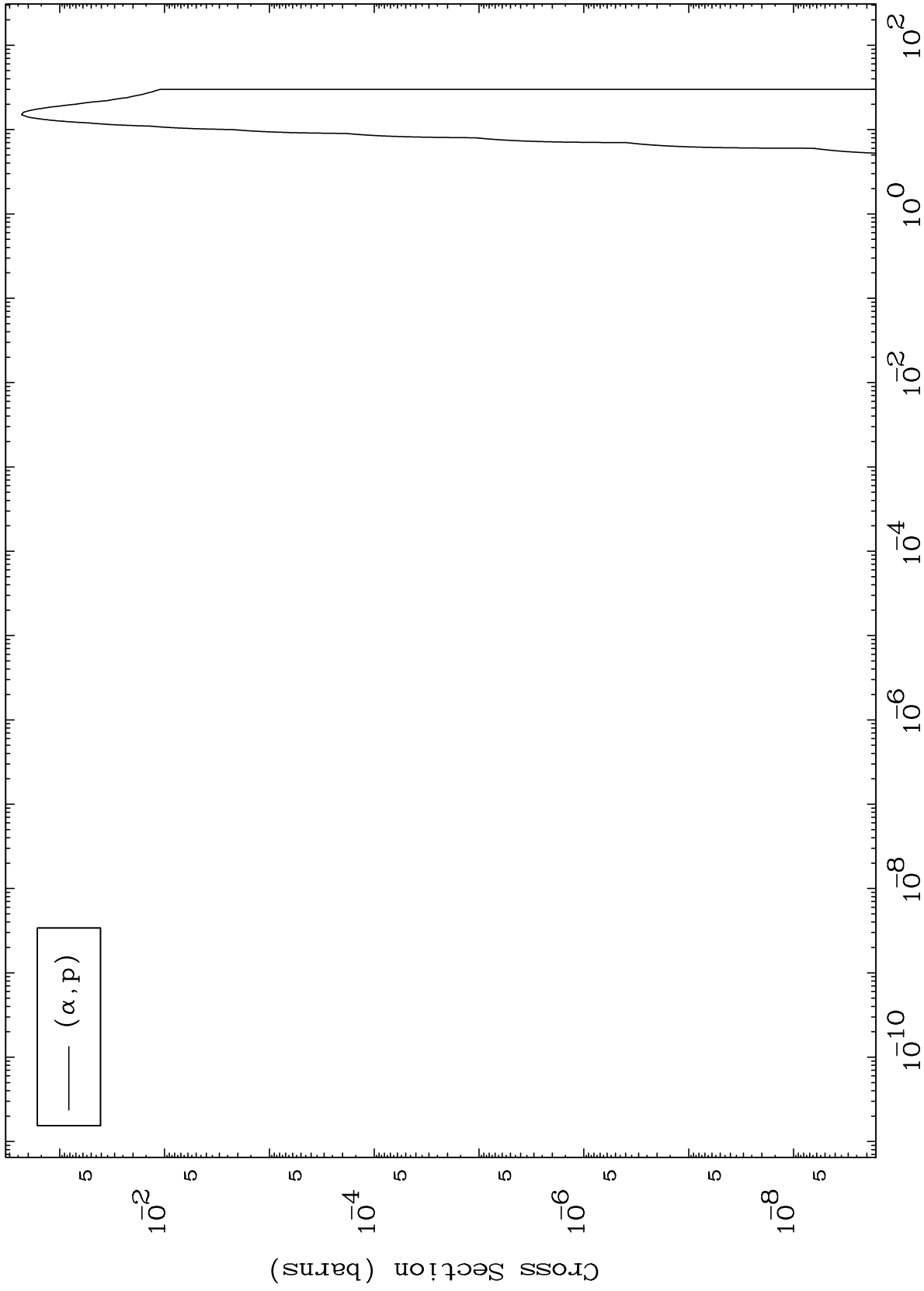
Incident Energy (MeV)

41-Nb-87

MAT 4108

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-87



6

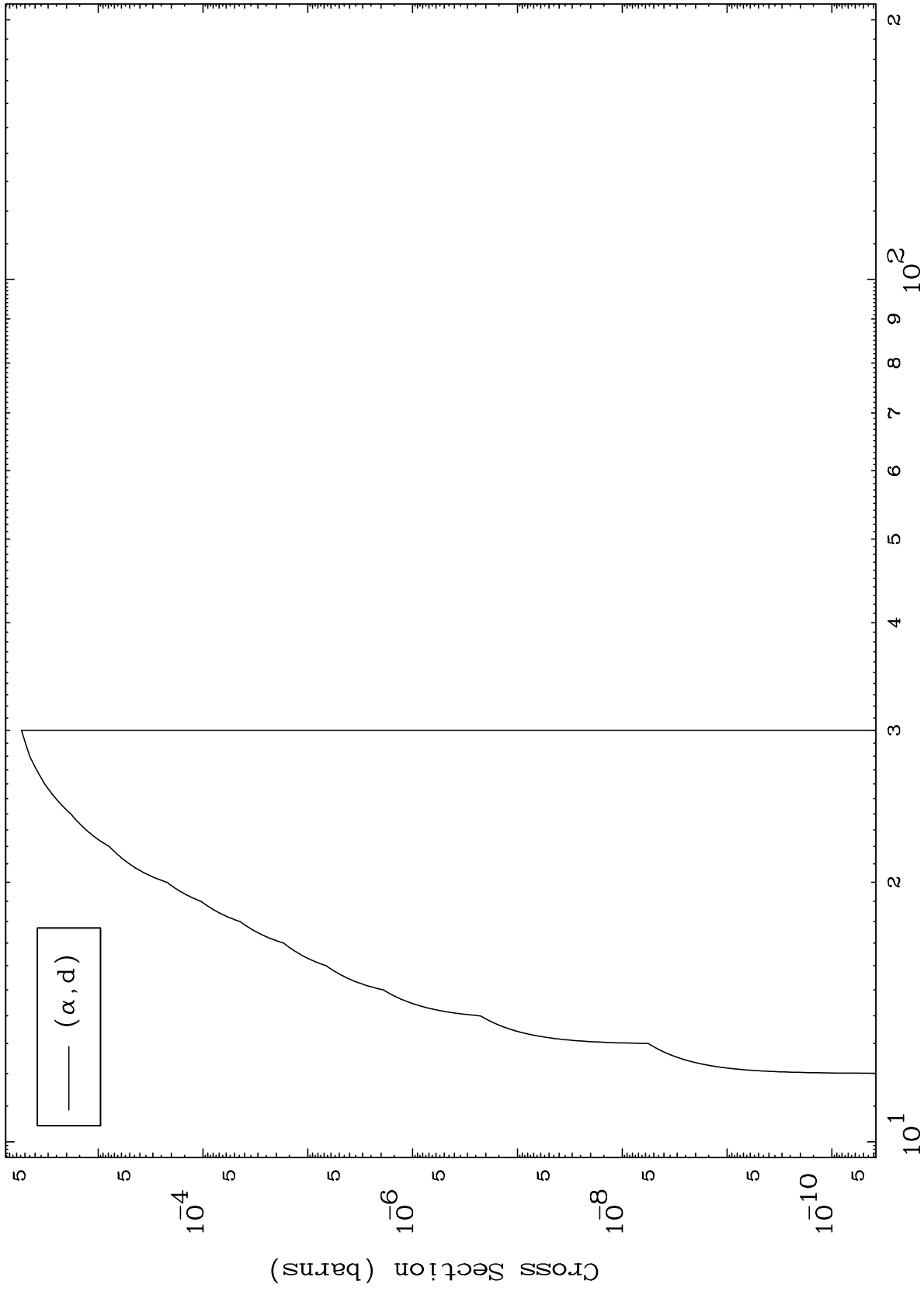
Incident Energy (MeV)

41-Nb-87

MAT 4108

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-87



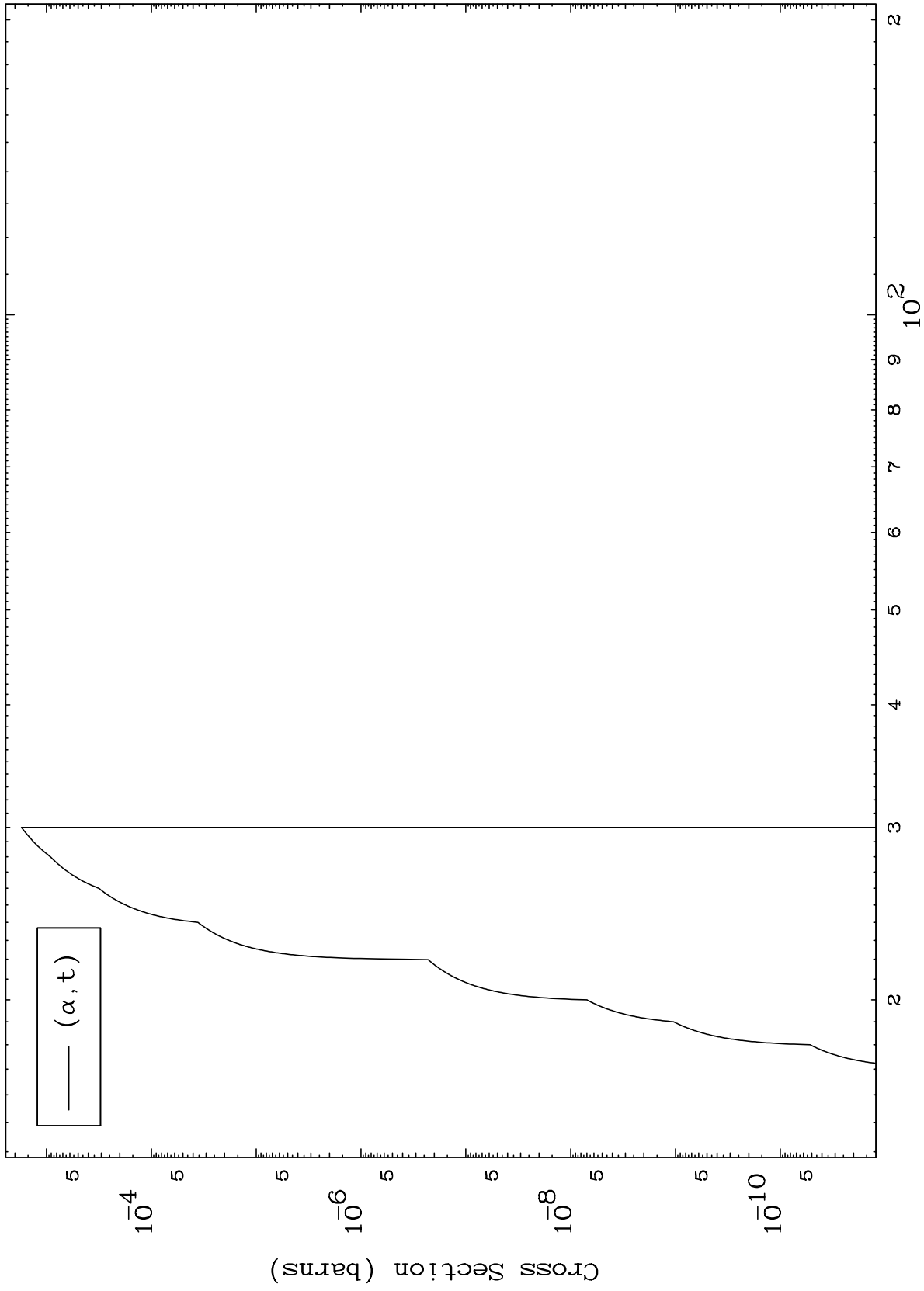
Incident Energy (MeV)

41-Nb-87

MAT 4108

(α, t) Levels
0 Kelvin Cross Sections

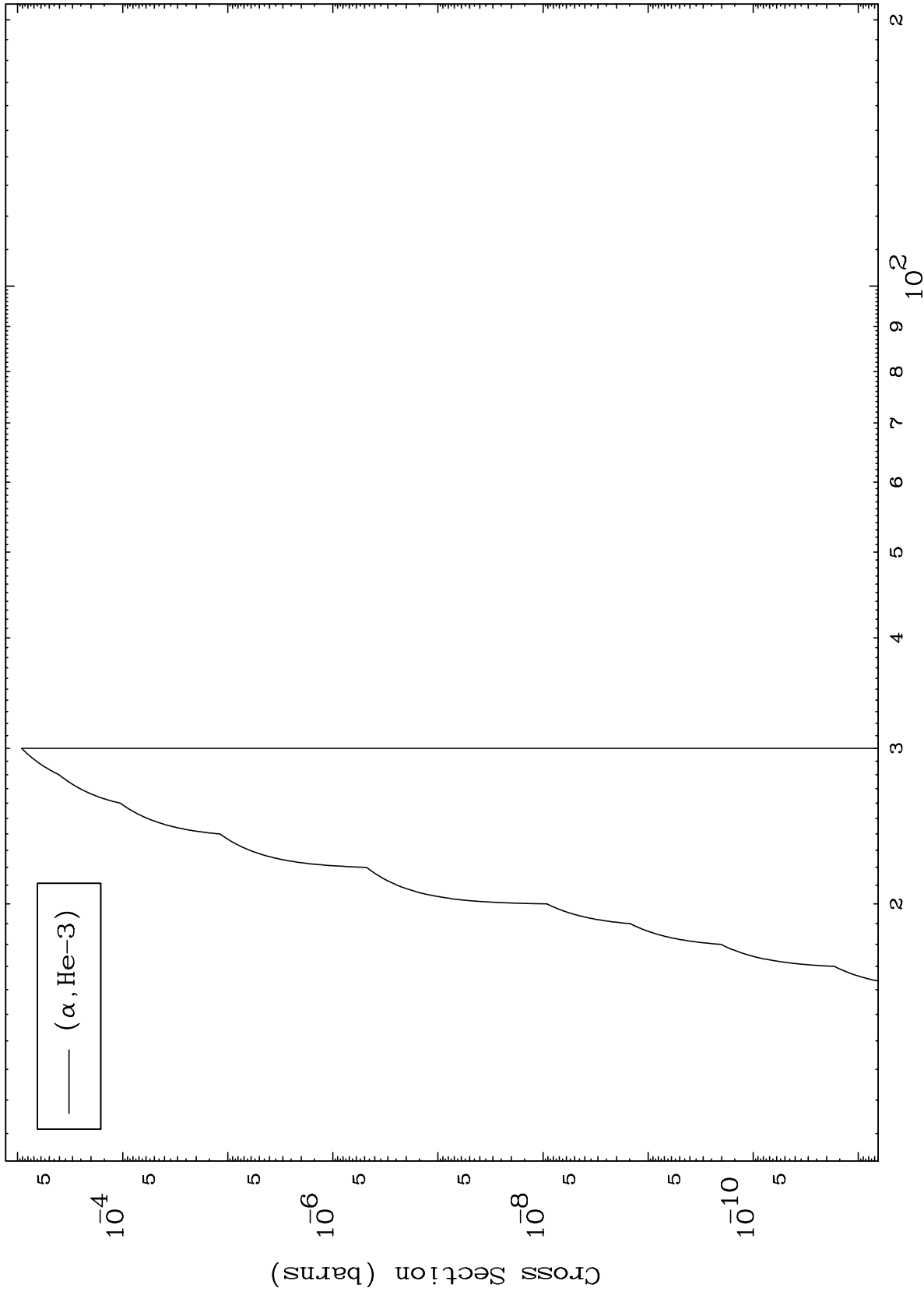
41-Nb-87



8

Incident Energy (MeV)

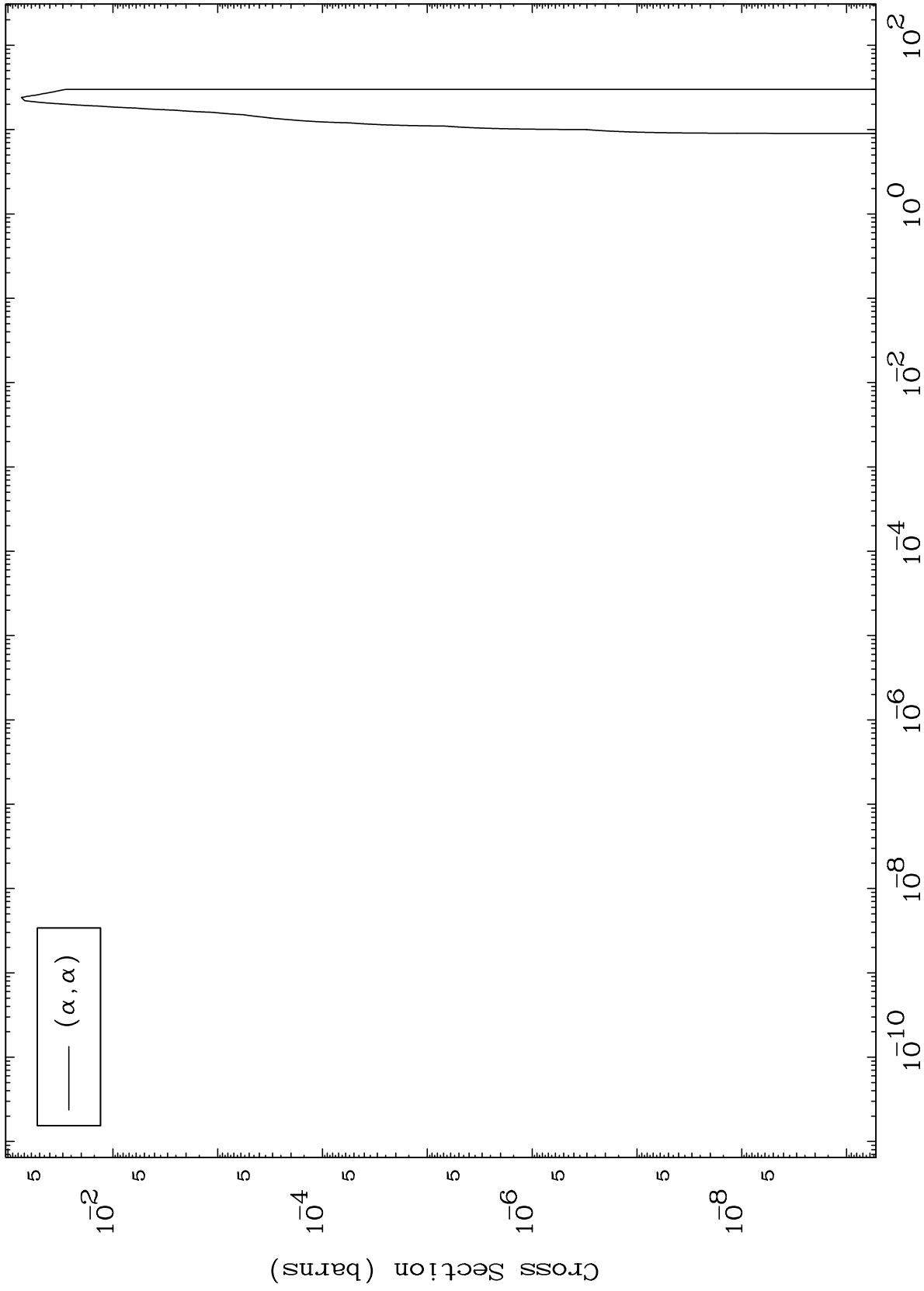
41-Nb-87



MAT 4108

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-87



10

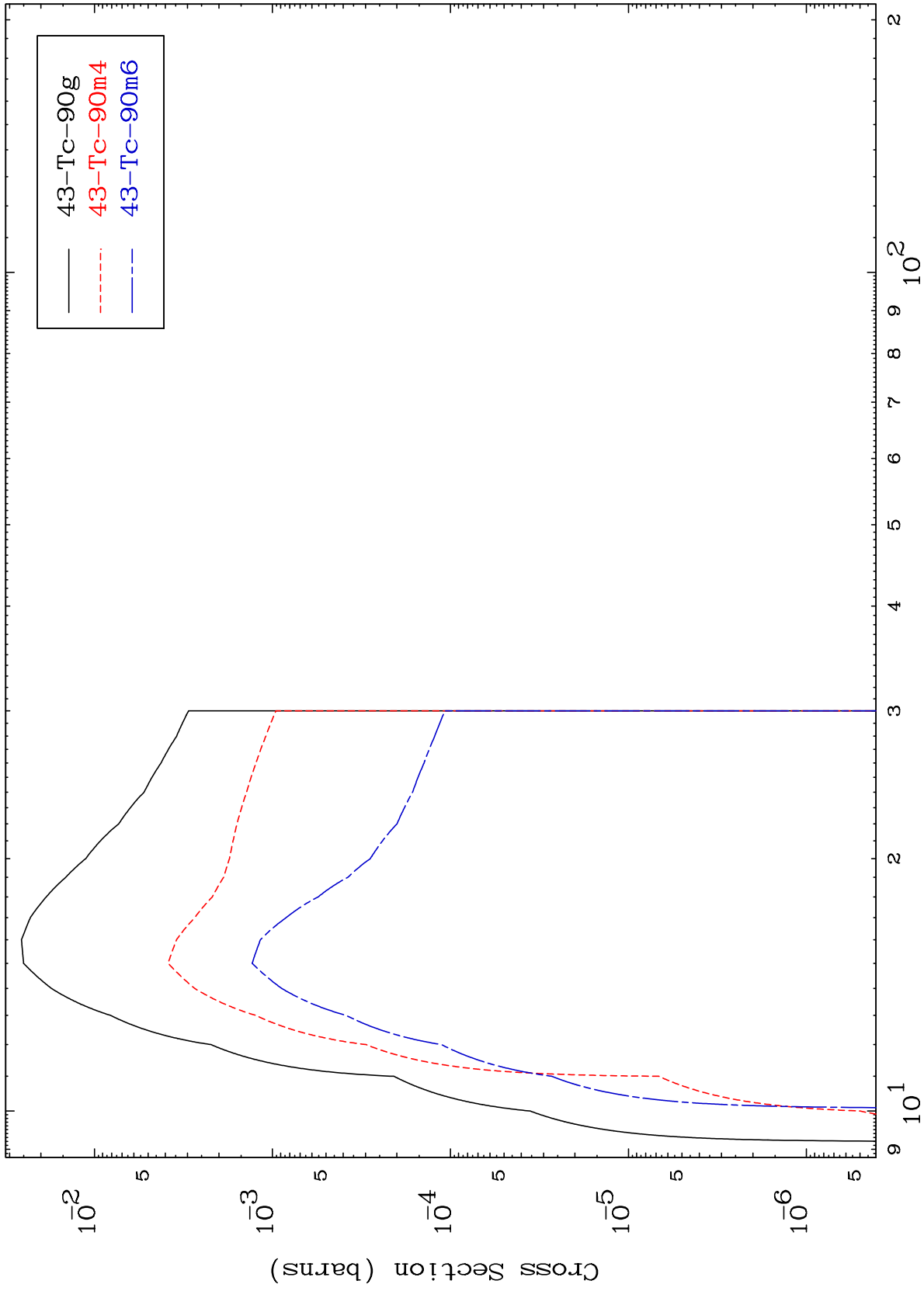
Incident Energy (MeV)

41-Nb-87

MAT 4108

Radionuclide Production Cross Section

41-Nb-87



11

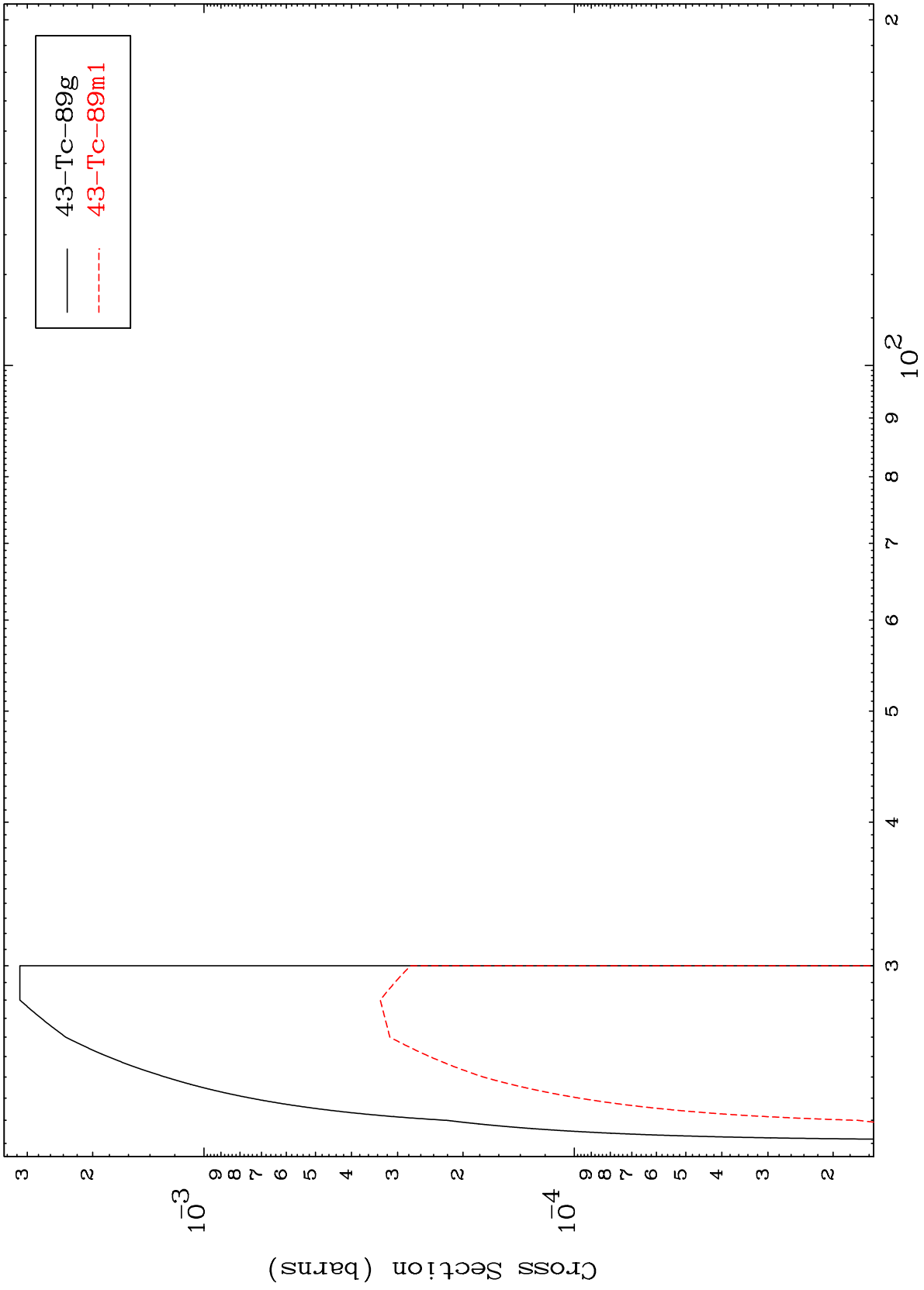
Incident Energy (MeV)

41-Nb-87

MAT 4108

41-Nb-87

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



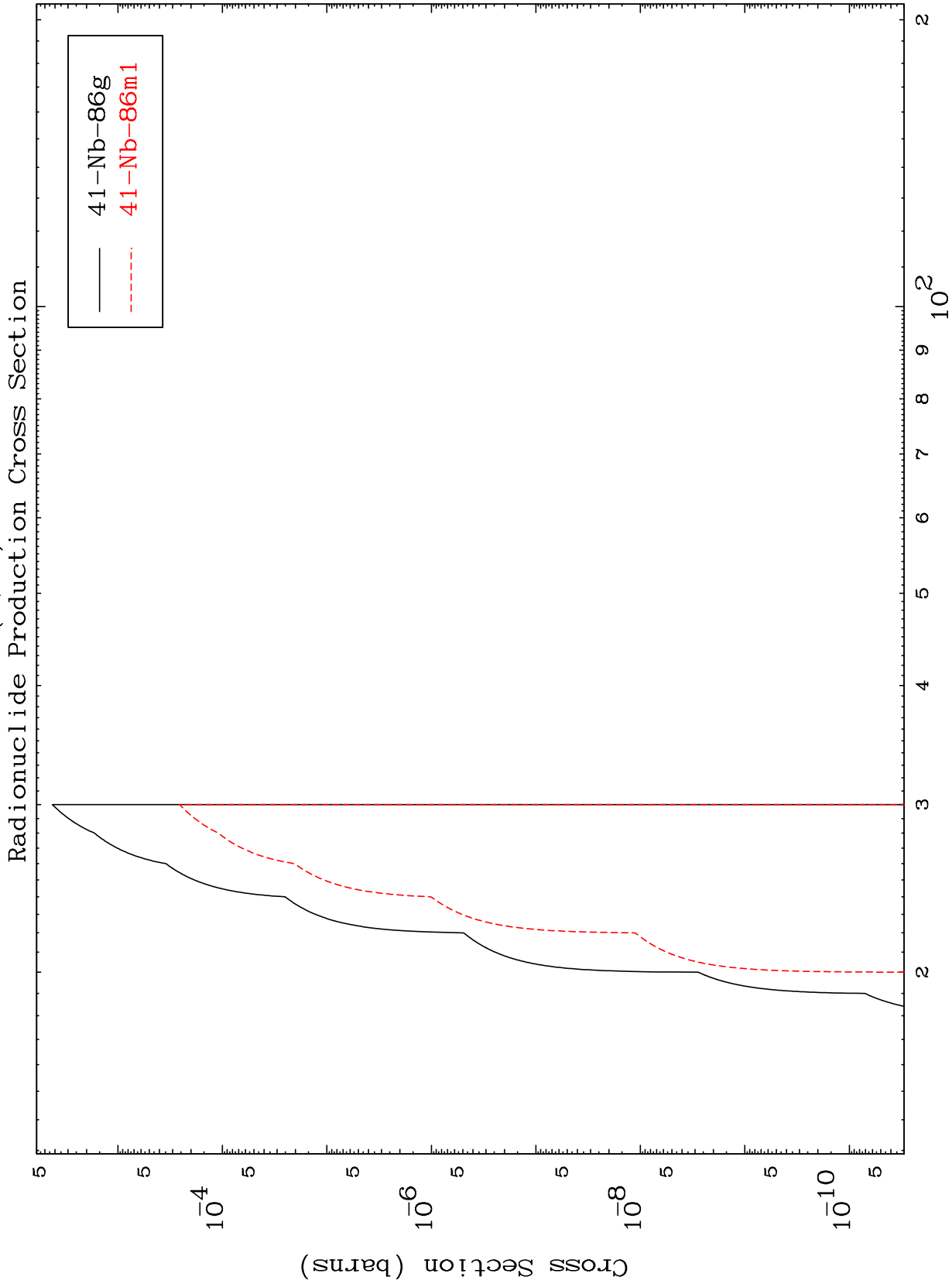
12

41-Nb-87

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(α, n') α

41-Nb-87



13

Incident Energy (MeV)

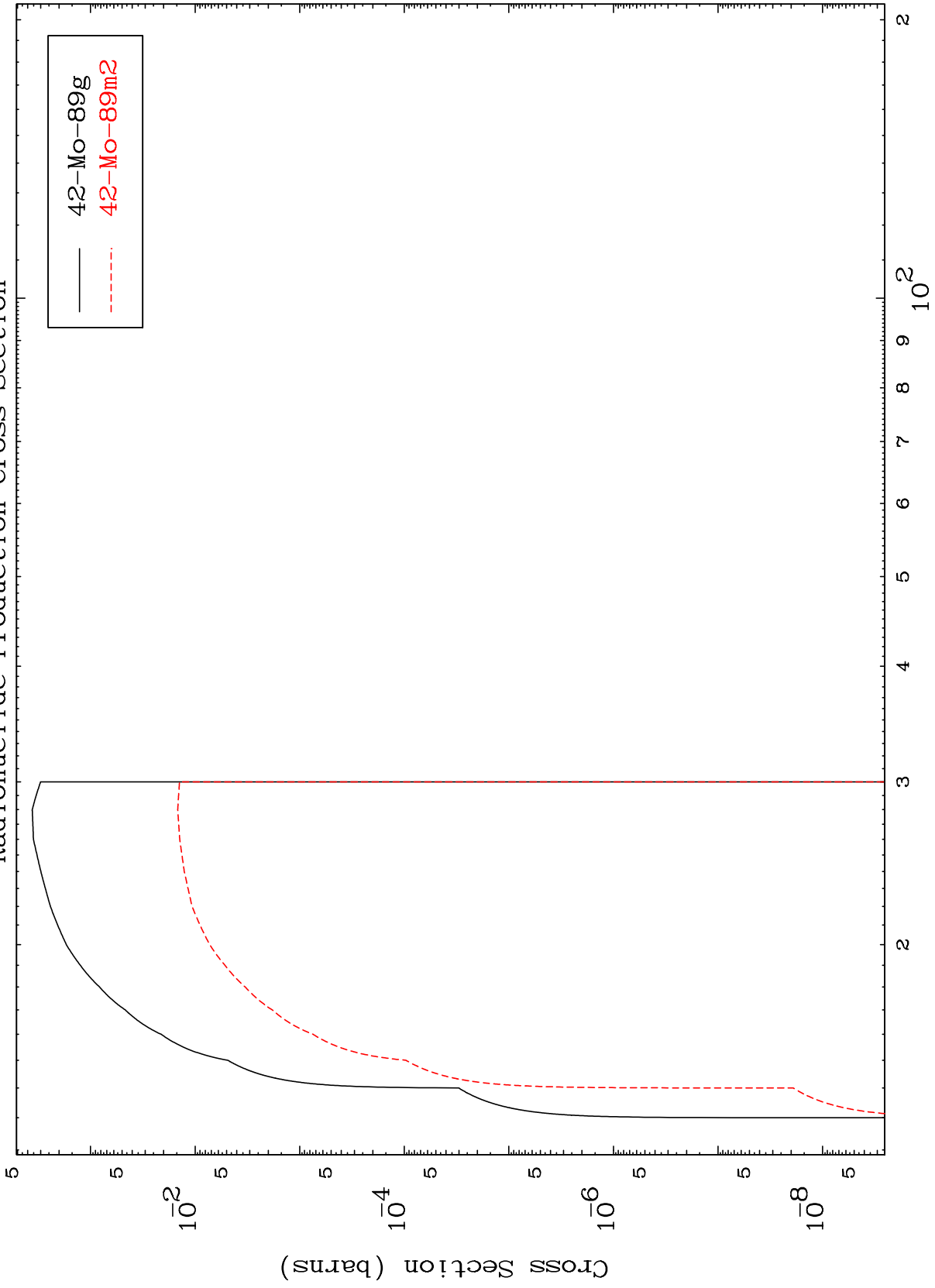
41-Nb-87

MAT 4108

(α, n') p

41-Nb-87

Radionuclide Production Cross Section

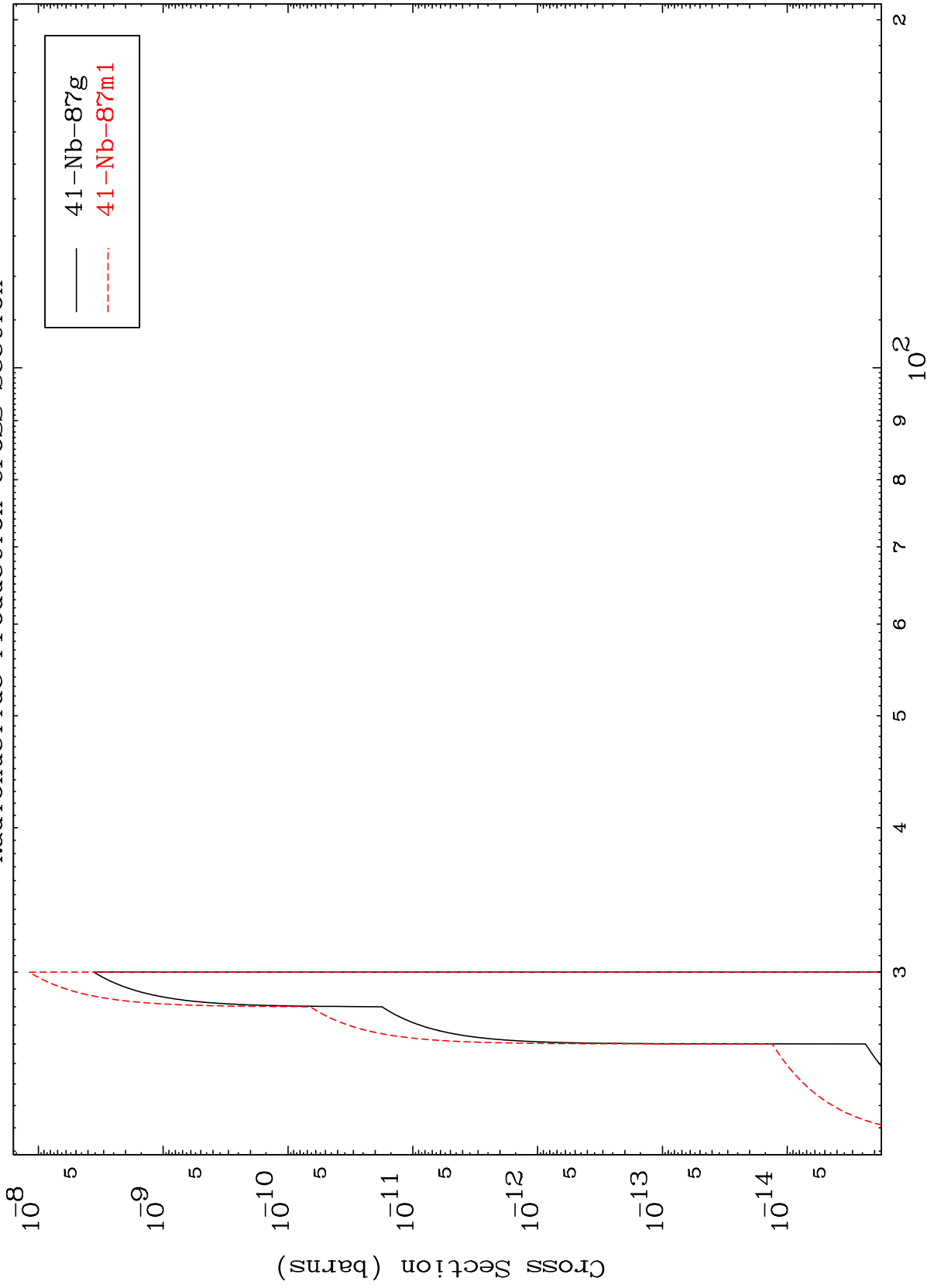


14

Incident Energy (MeV)

41-Nb-87

Radionuclide Production Cross Section

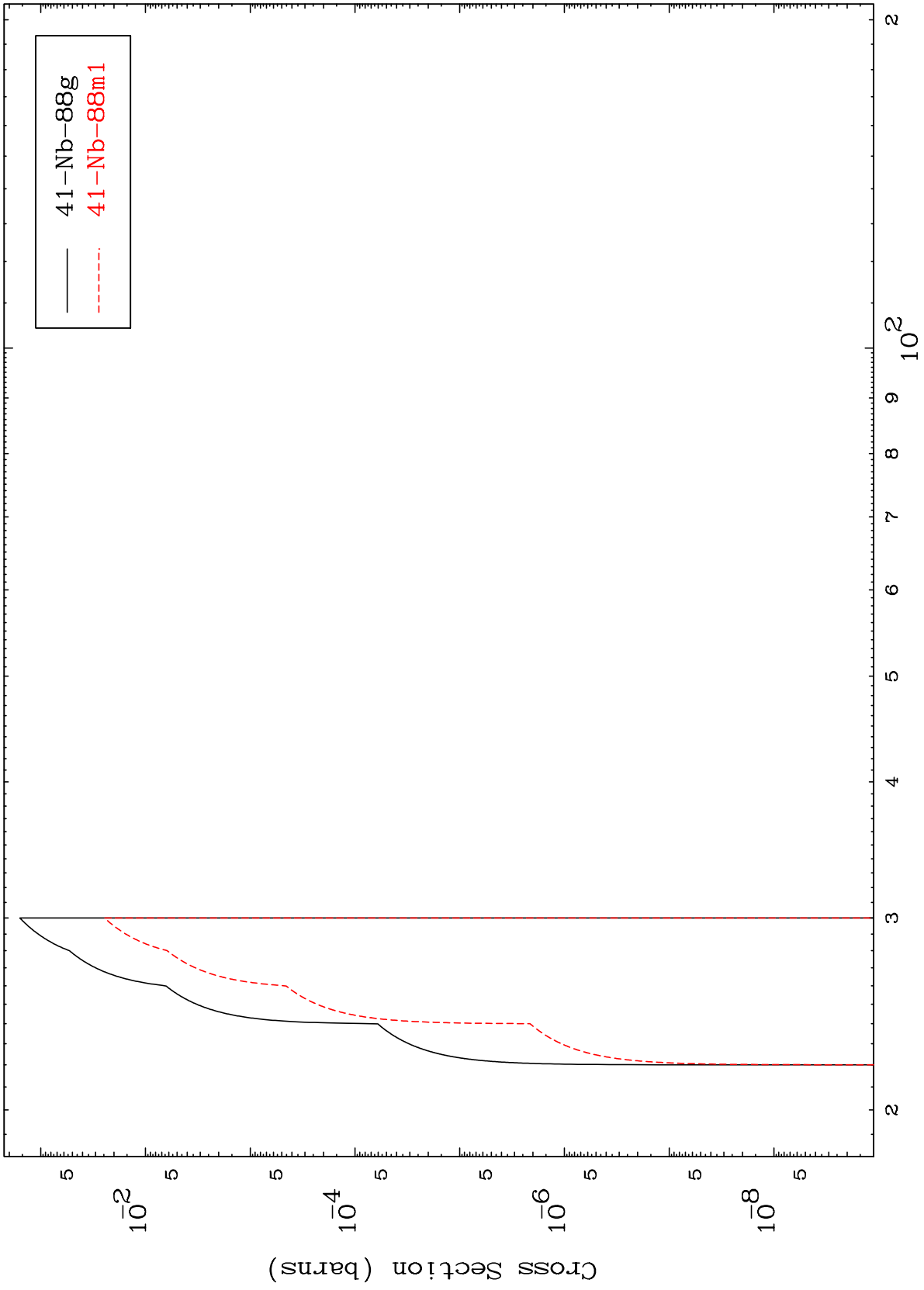


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($\alpha, 2n$) p

41-Nb-87

Radionuclide Production Cross Section

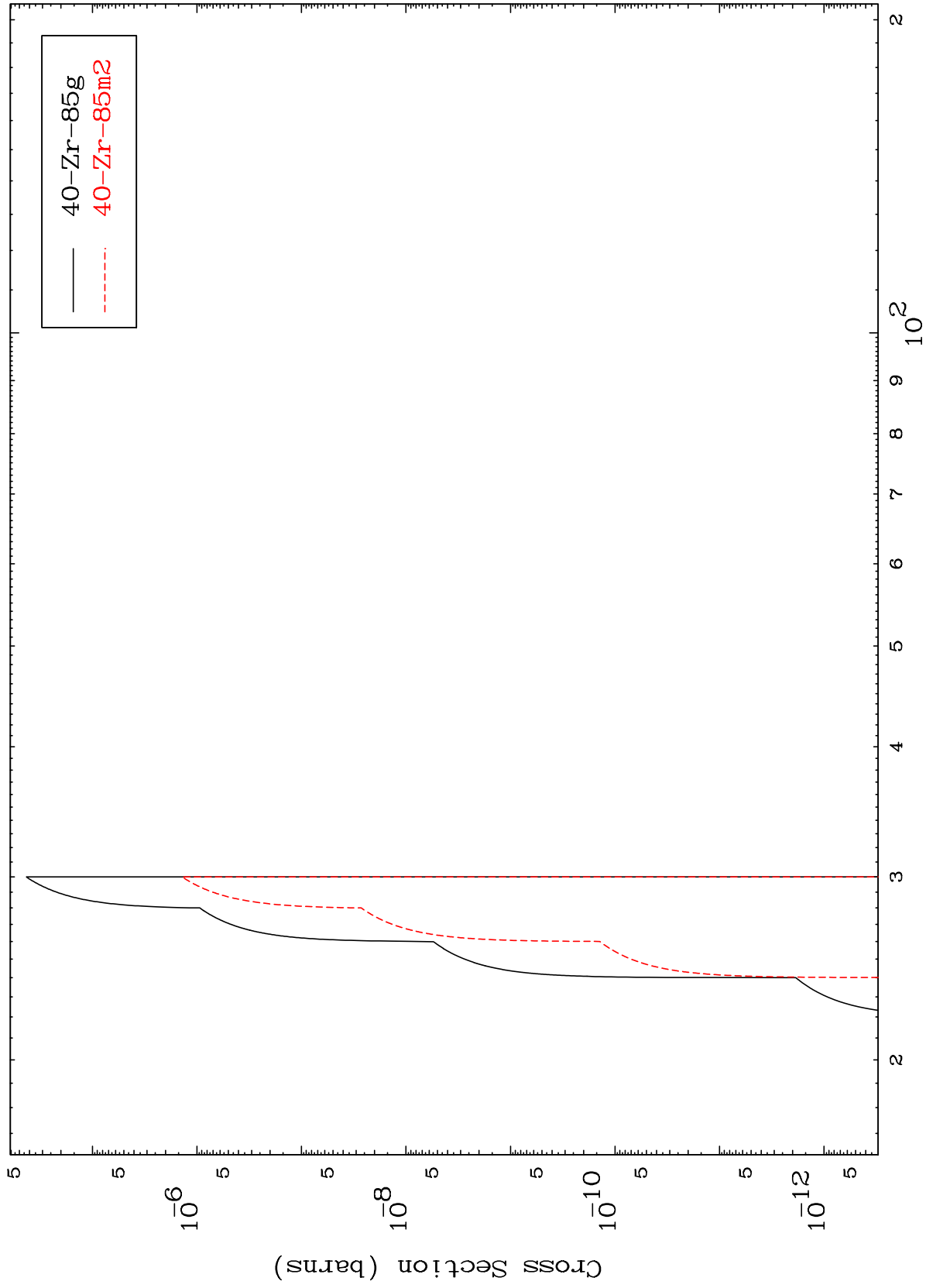


16

Incident Energy (MeV)

41-Nb-87

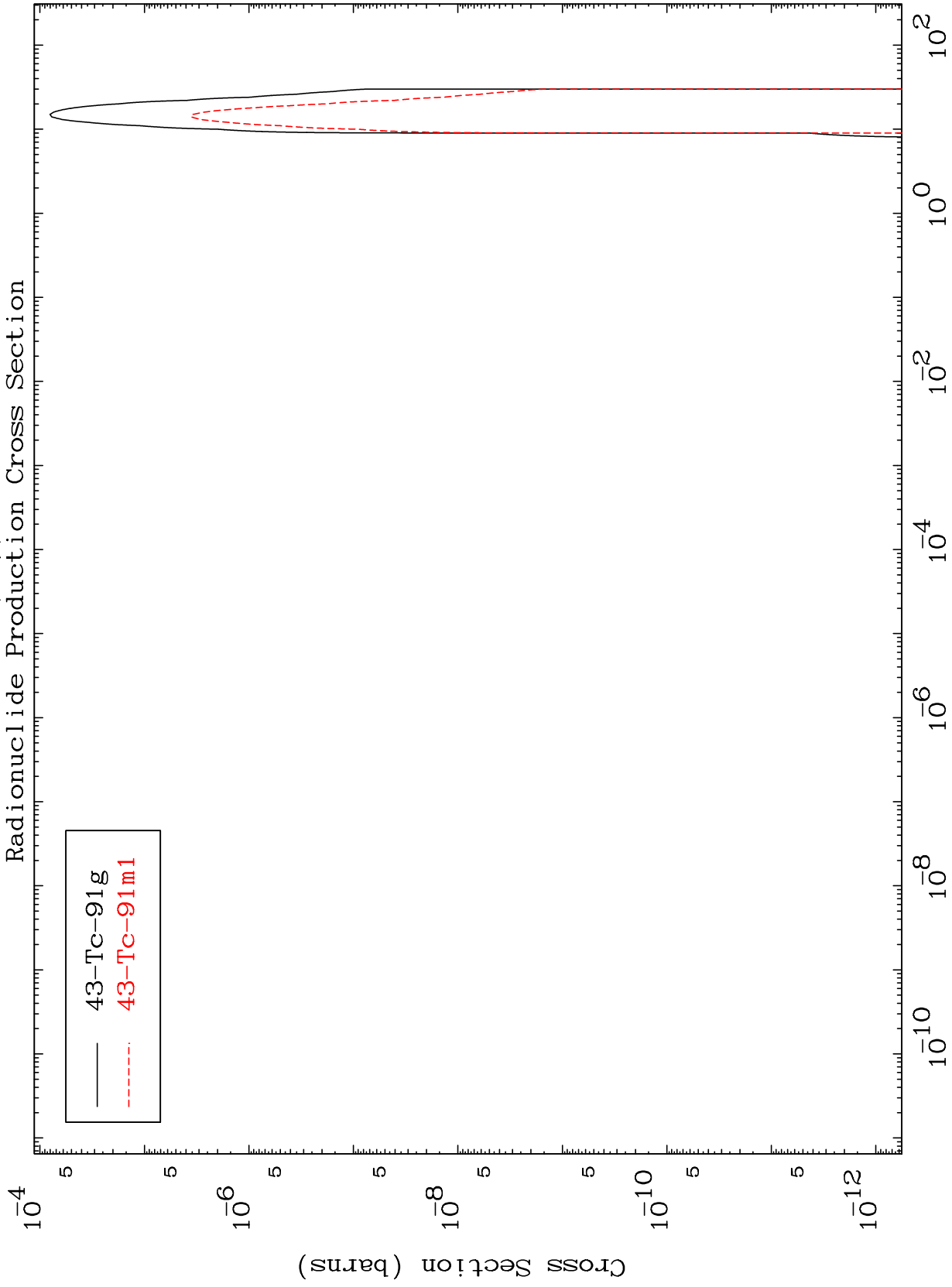
Radionuclide Production Cross Section



MAT 4108

Radionuclide Production Cross Section
(α, γ)

41-Nb-87

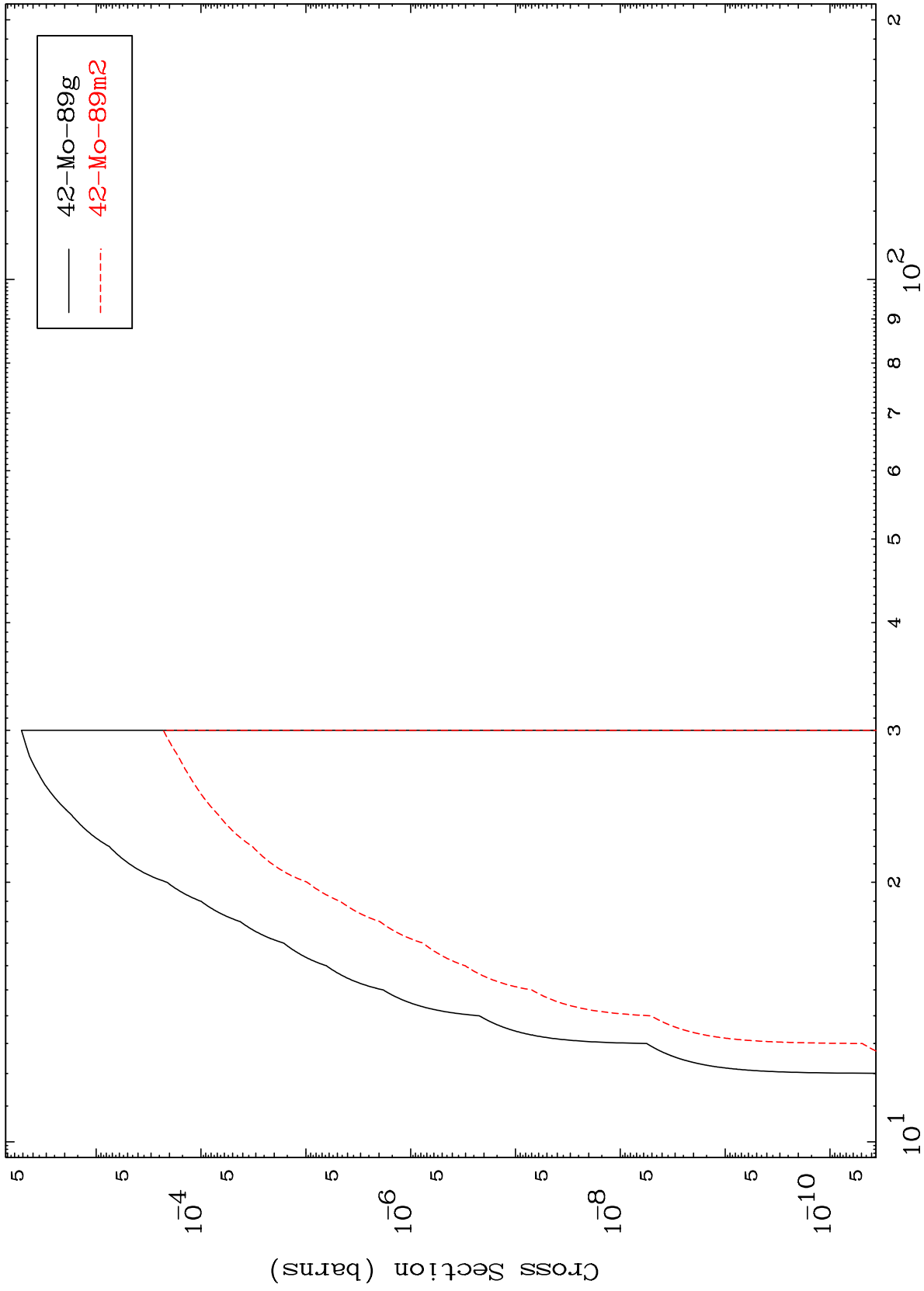


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(α, d)

41-Nb-87

Radionuclide Production Cross Section



Incident Energy (MeV)

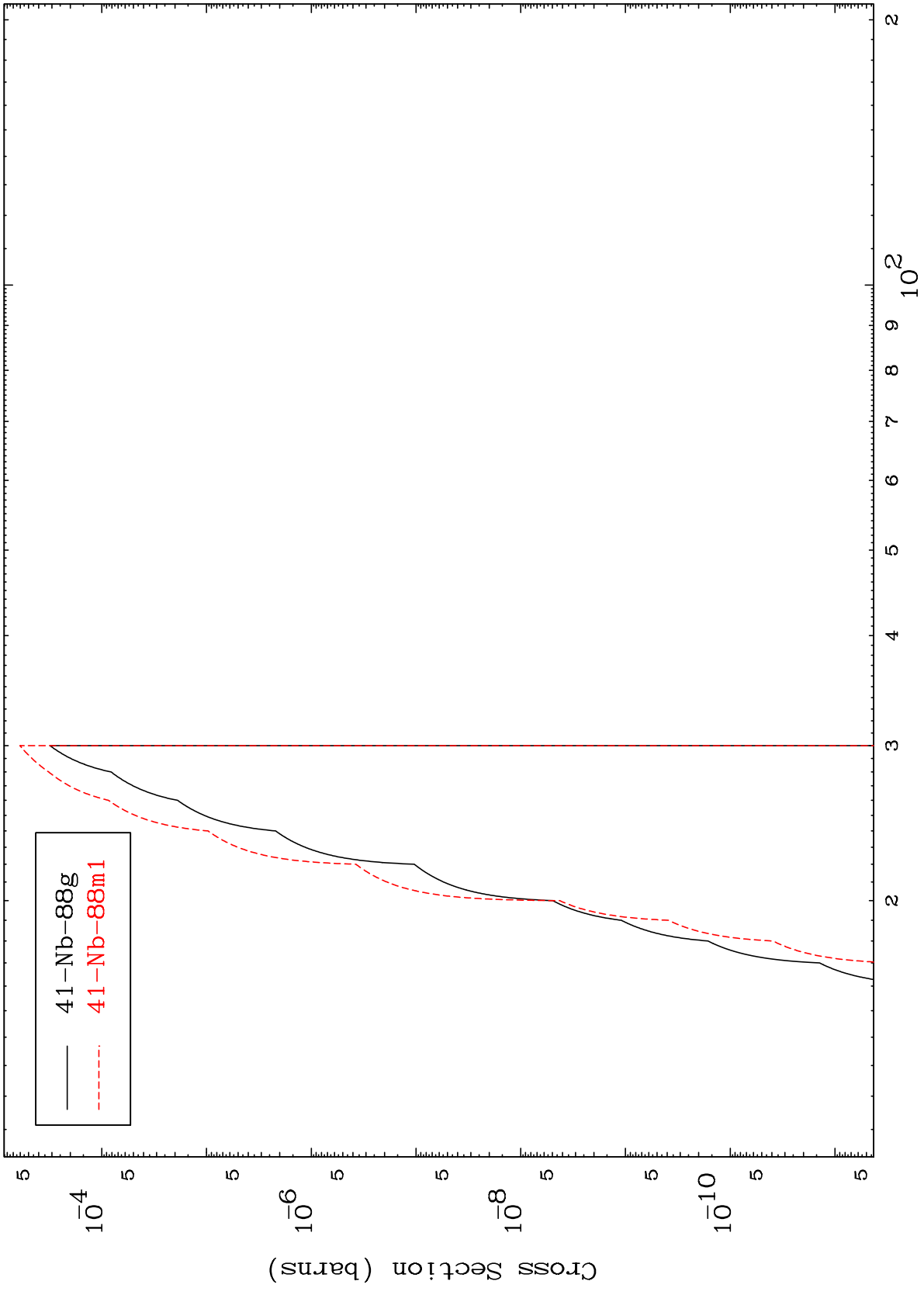
41-Nb-87

MAT 4108

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

41-Nb-87

Radionuclide Production Cross Section



20

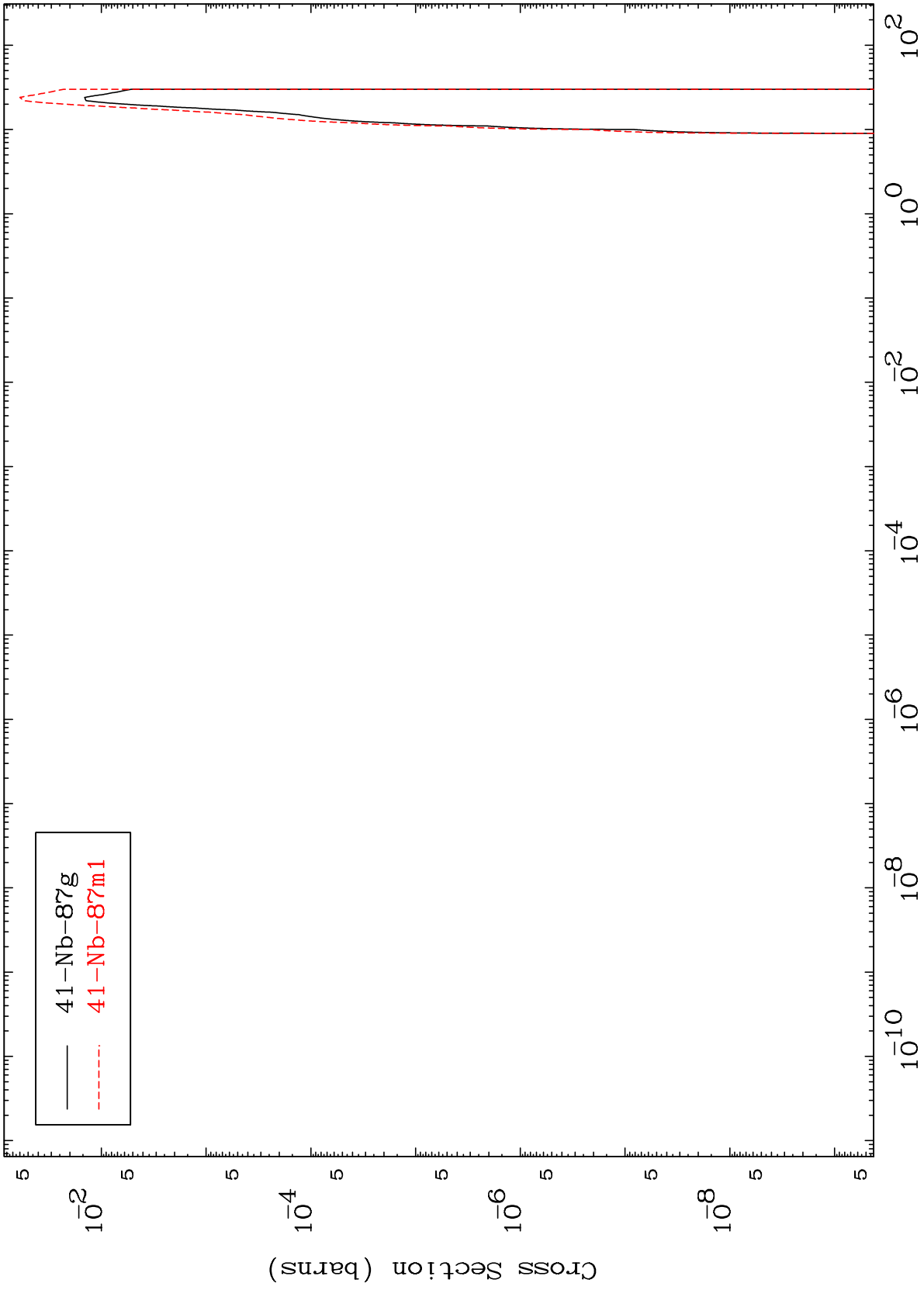
Incident Energy (MeV)

41-Nb-87

MAT 4108

(α, α)
Radionuclide Production Cross Section

41-Nb-87



21

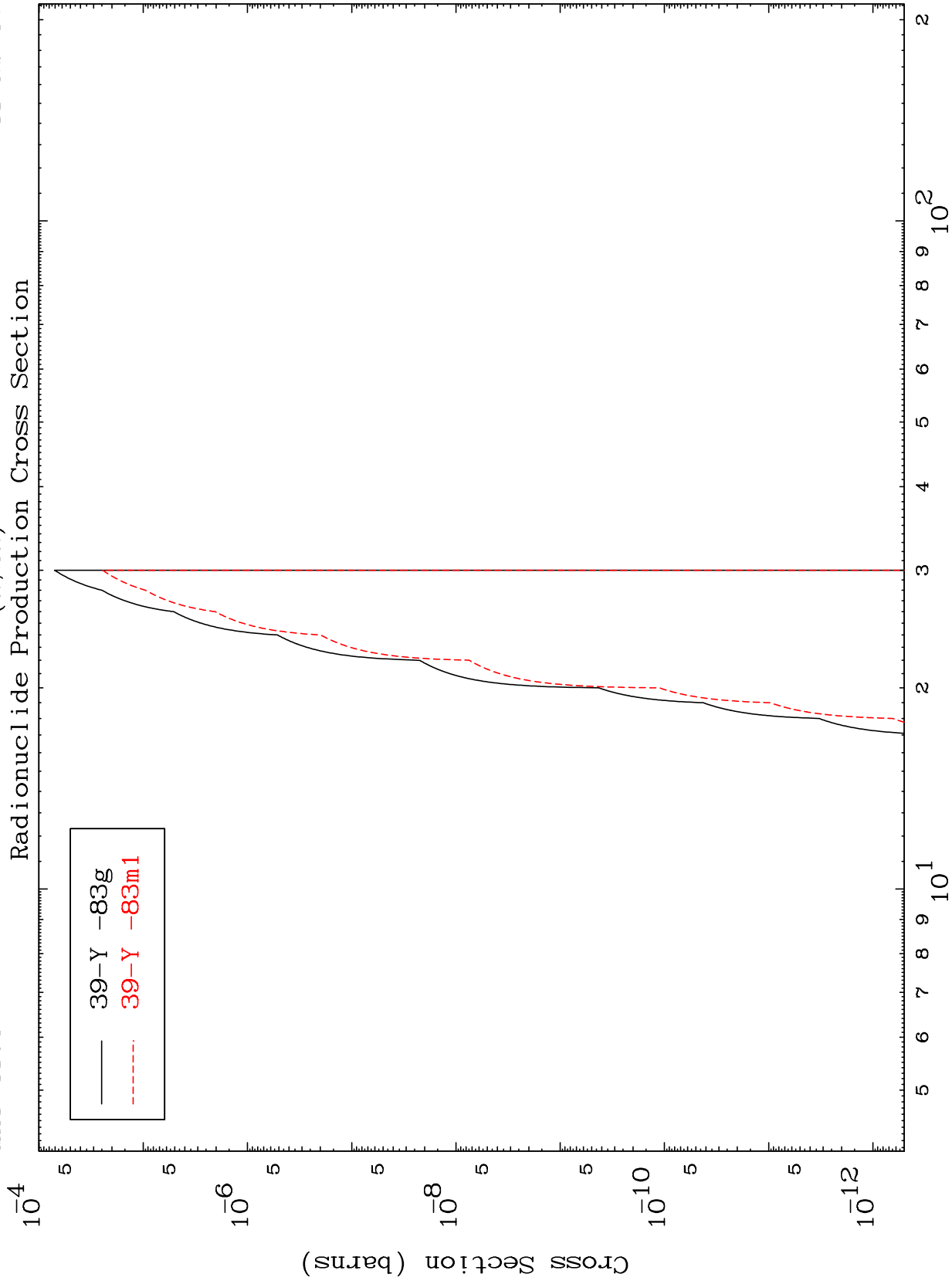
Incident Energy (MeV)

41-Nb-87

MAT 4108

41-Nb-87

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



39-Y-83g
39-Y-83m1

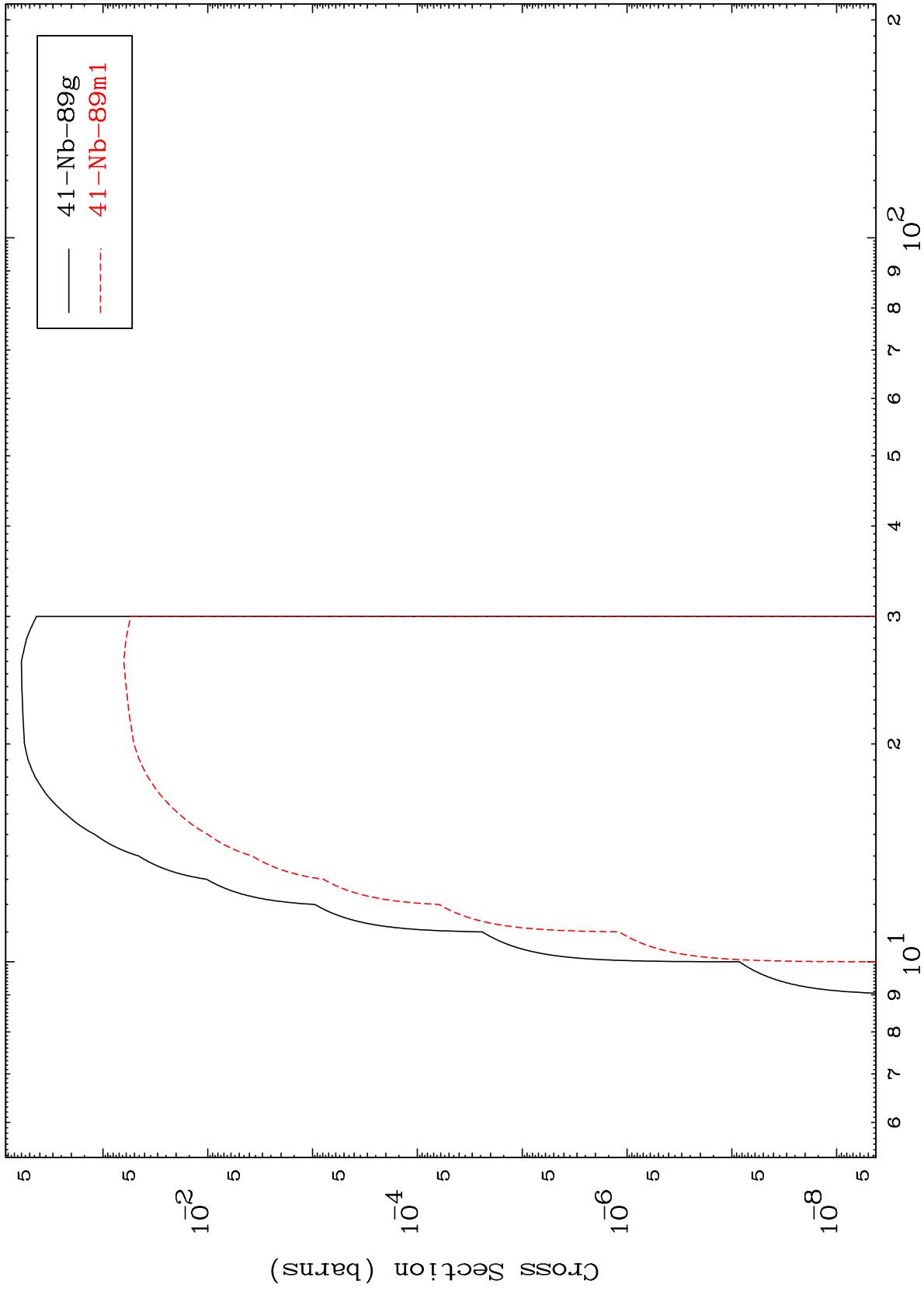
22

41-Nb-87

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41-Nb-87

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



23

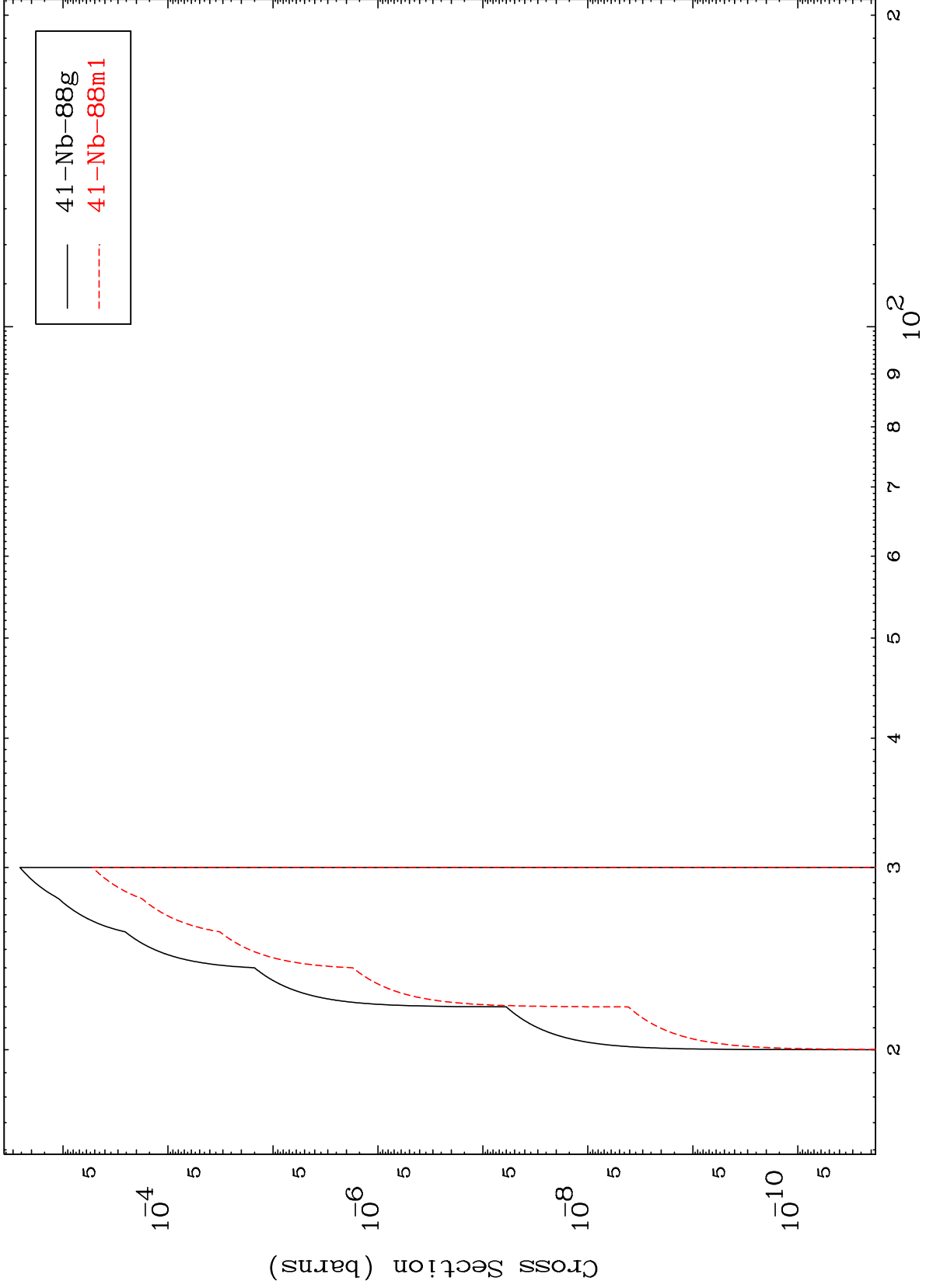
41-Nb-87

MAT 4108

(α, p) d

41-Nb-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

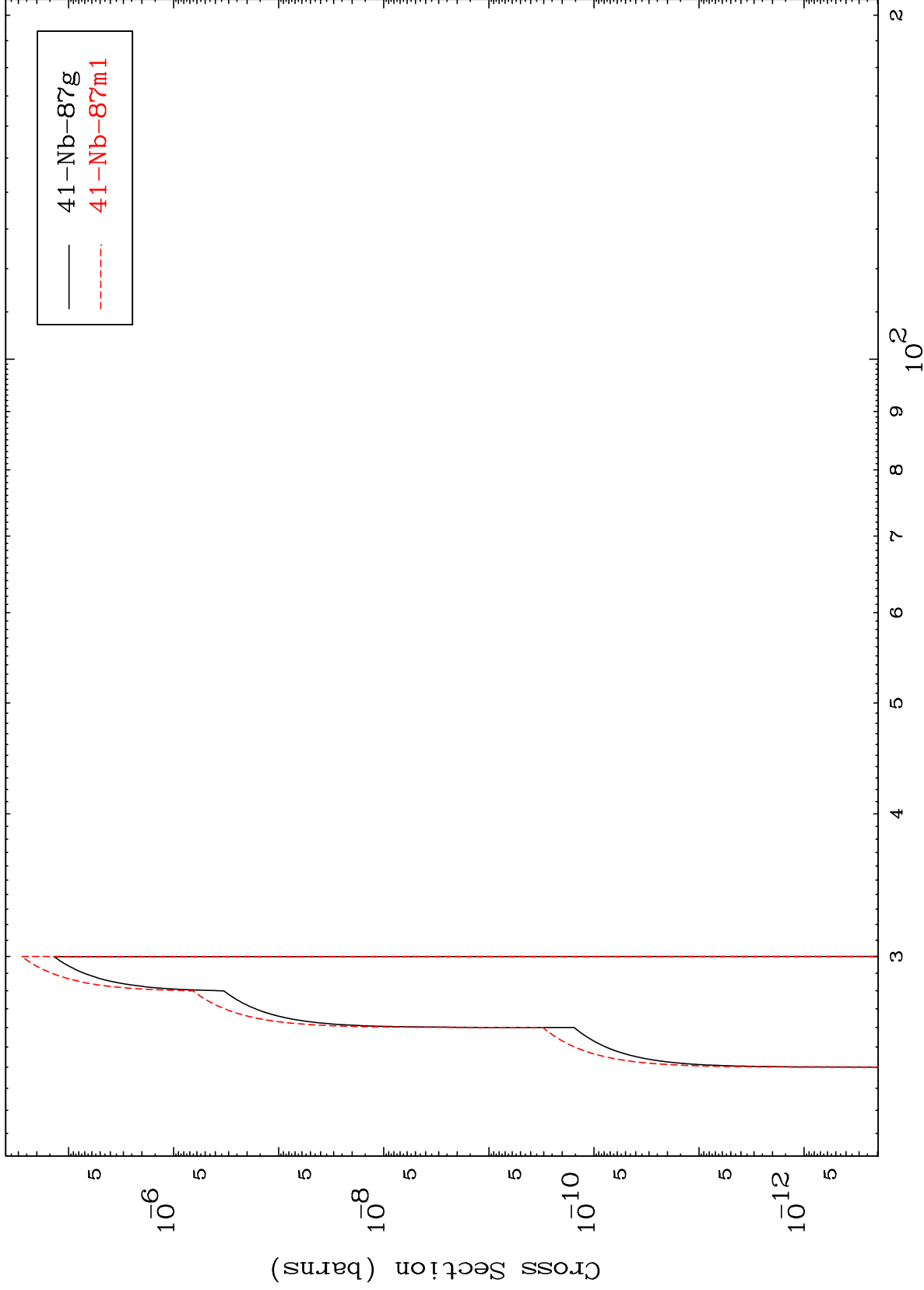
41-Nb-87

MAT 4108

(α, p) t

41-Nb-87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

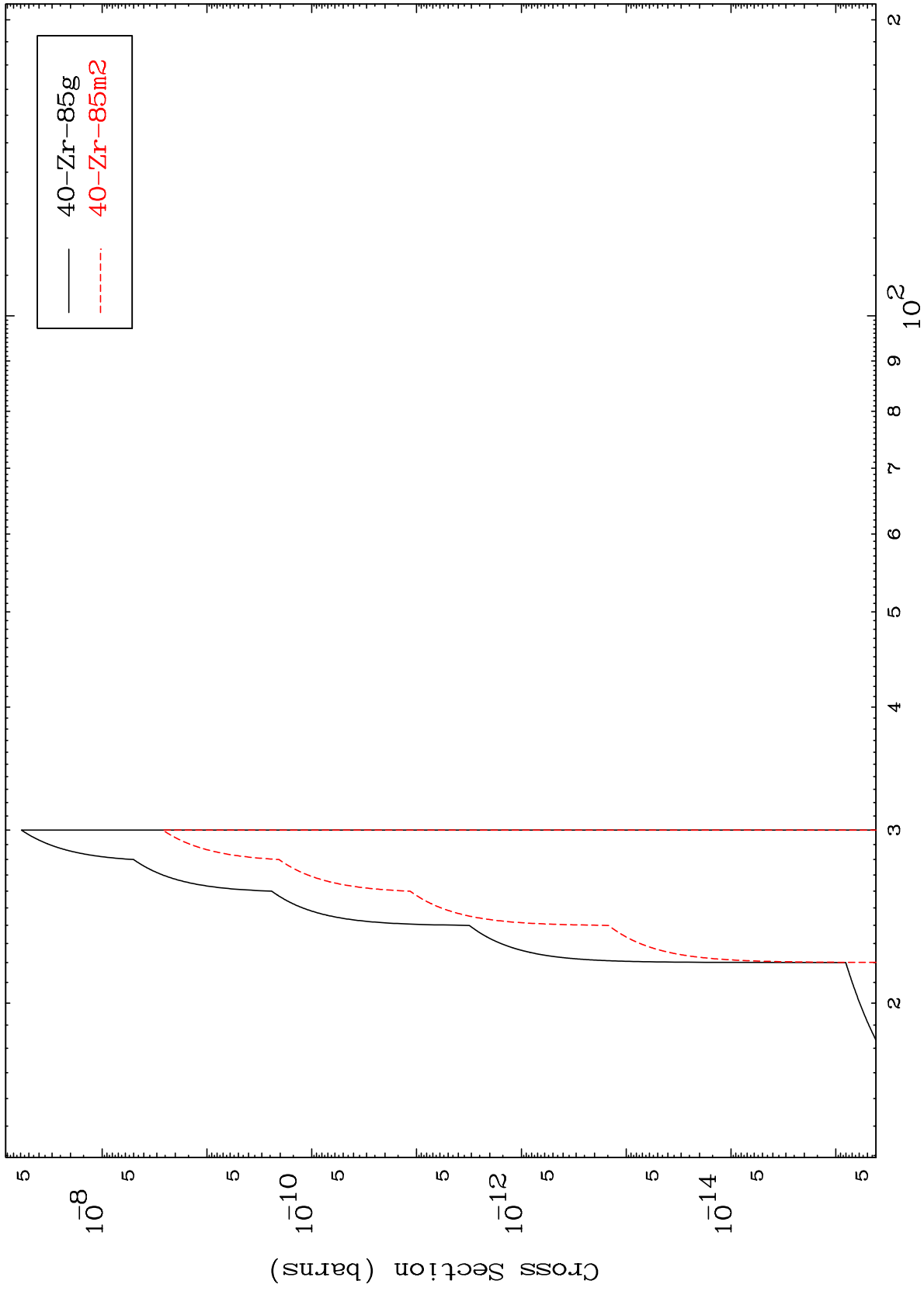
41-Nb-87

MAT 4108

(α, d) α

41-Nb-87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-87