

Program EVALPLOT
(Version 2018-1)

by

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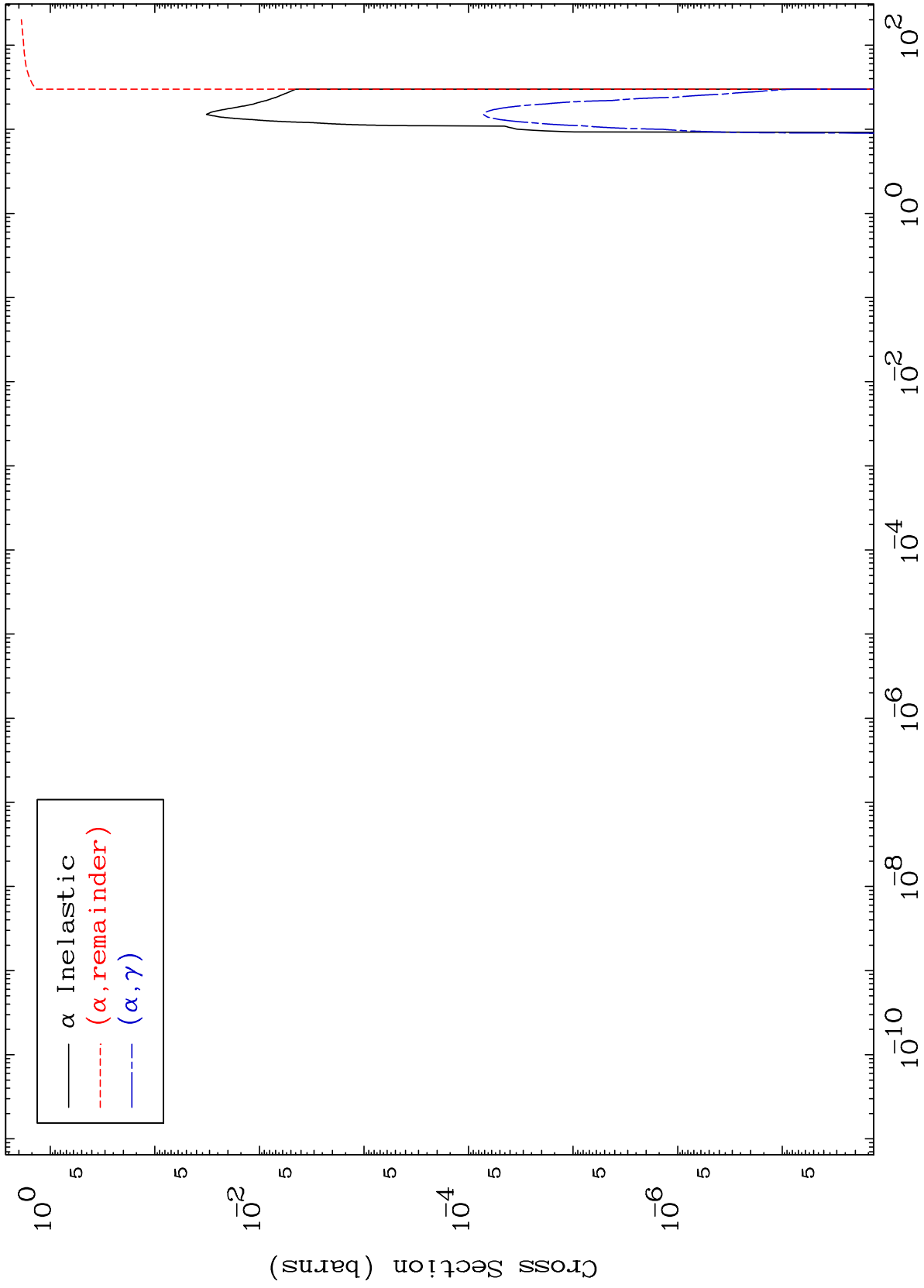
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4107

0 Kelvin α Major
Cross Sections

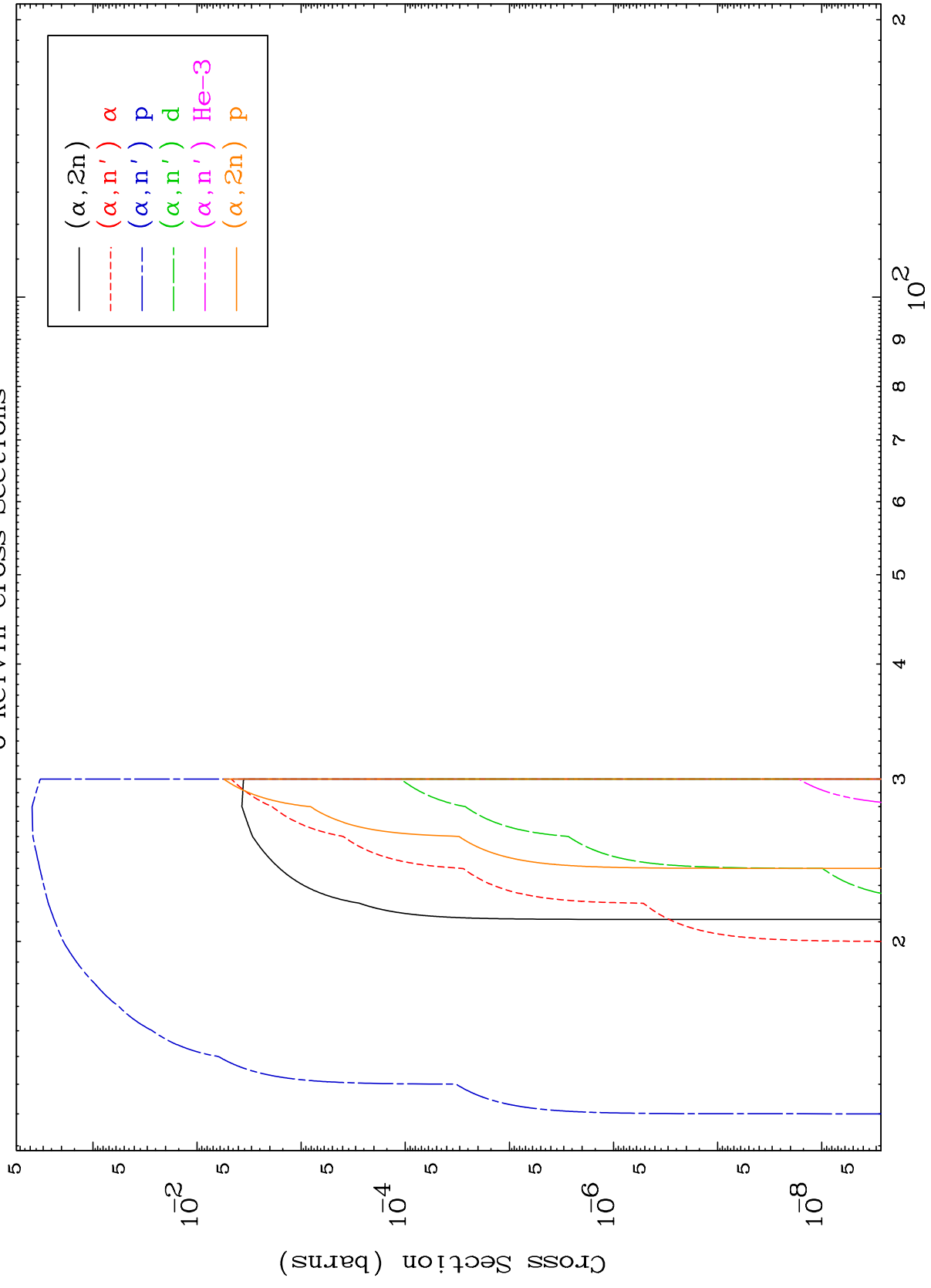
41-Nb-87



1

Incident Energy (MeV)

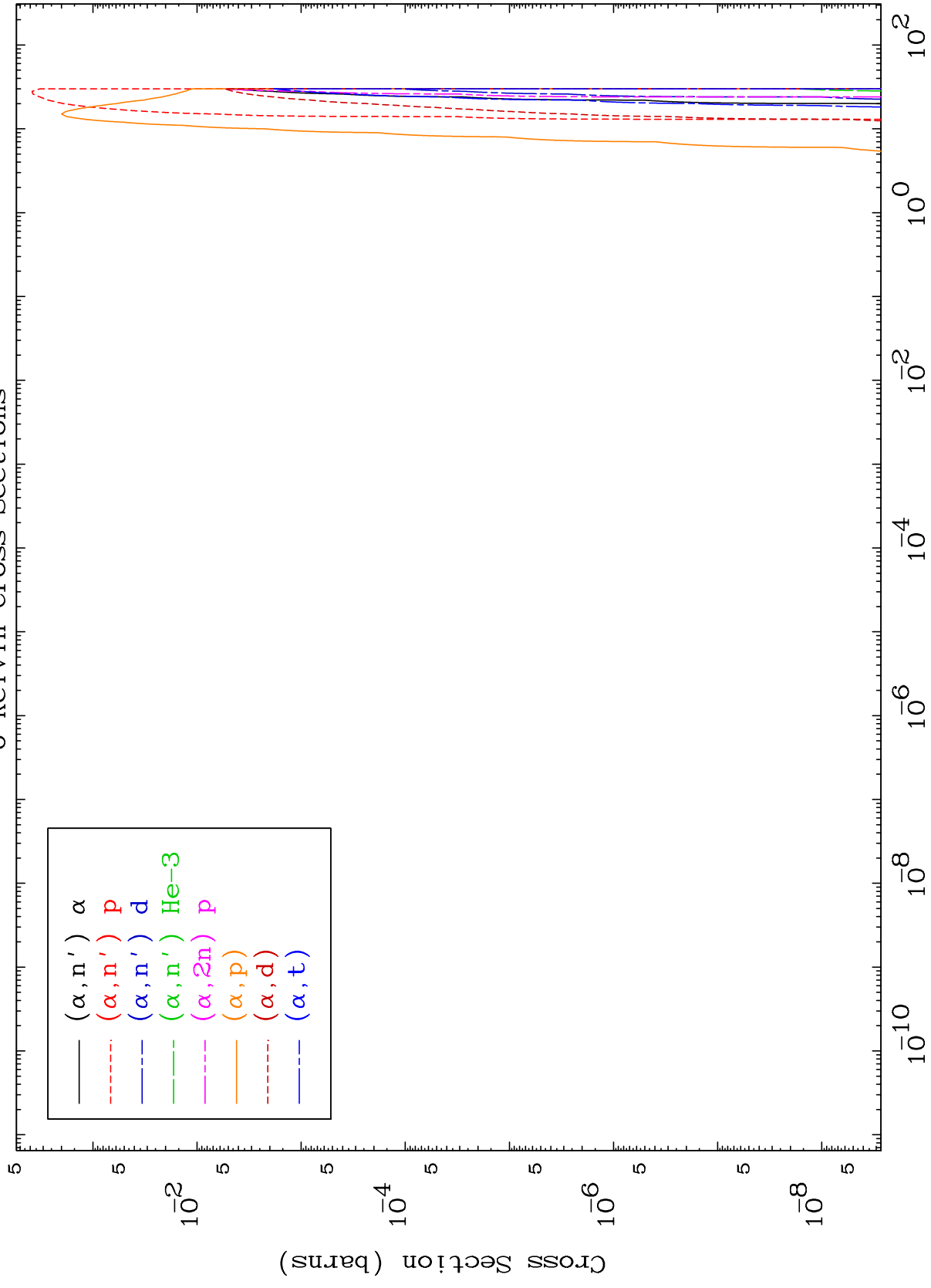
41-Nb-87



MAT 4107

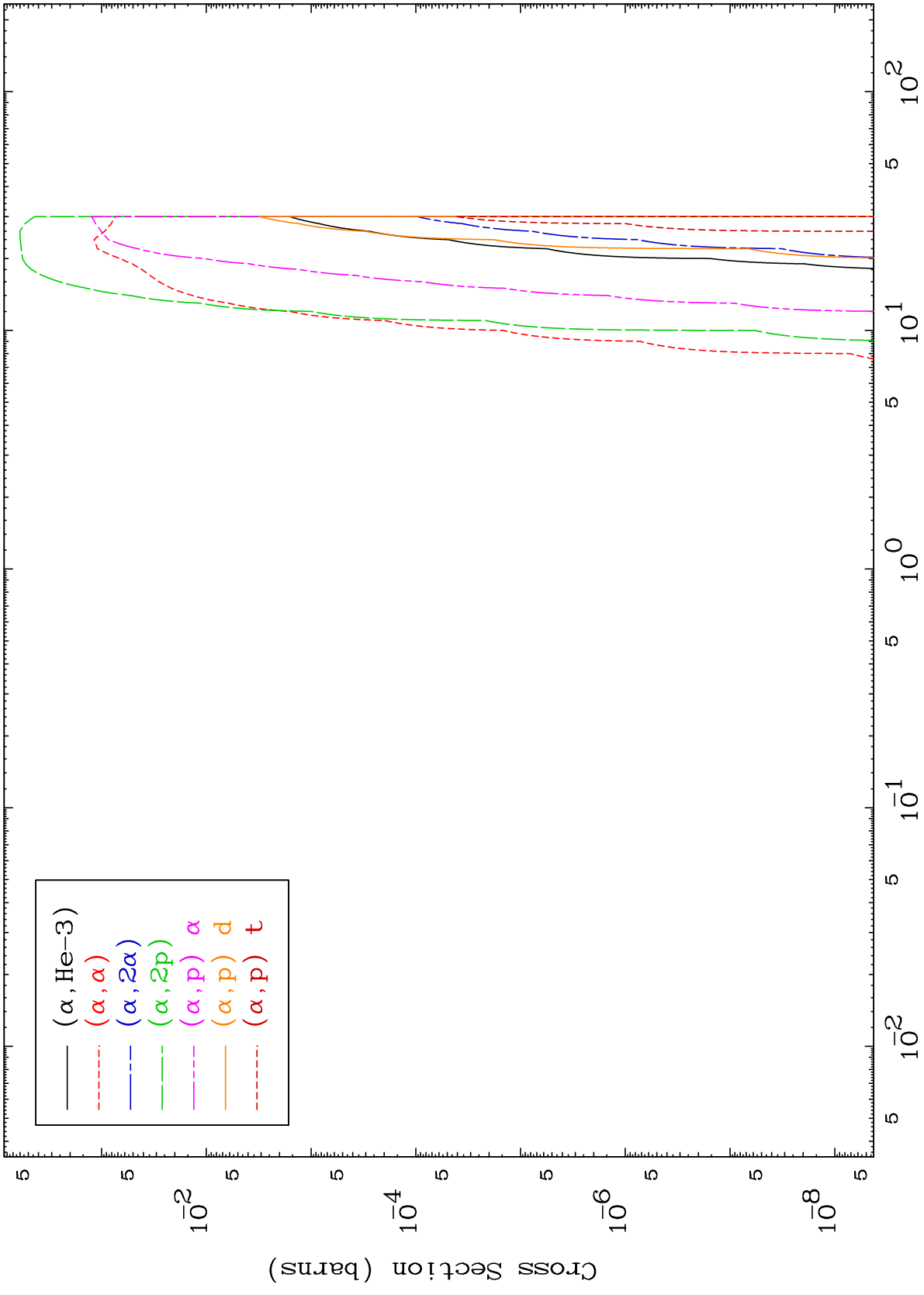
α Charged Particle
0 Kelvin Cross Sections

41-Nb-87



3

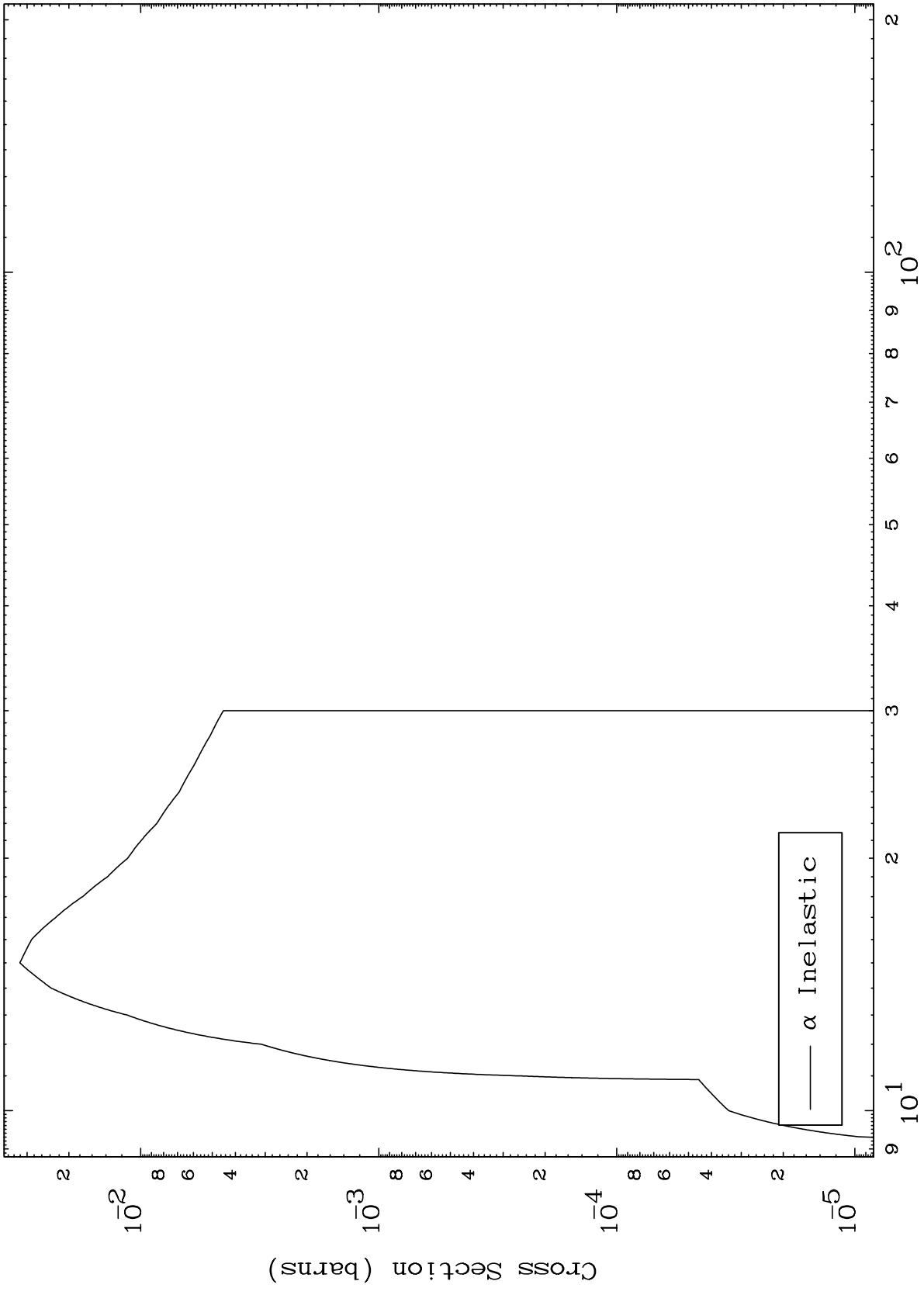
41-Nb-87



MAT 4107

(α, n') Level
0 Kelvin Cross Sections

41-Nb-87



5

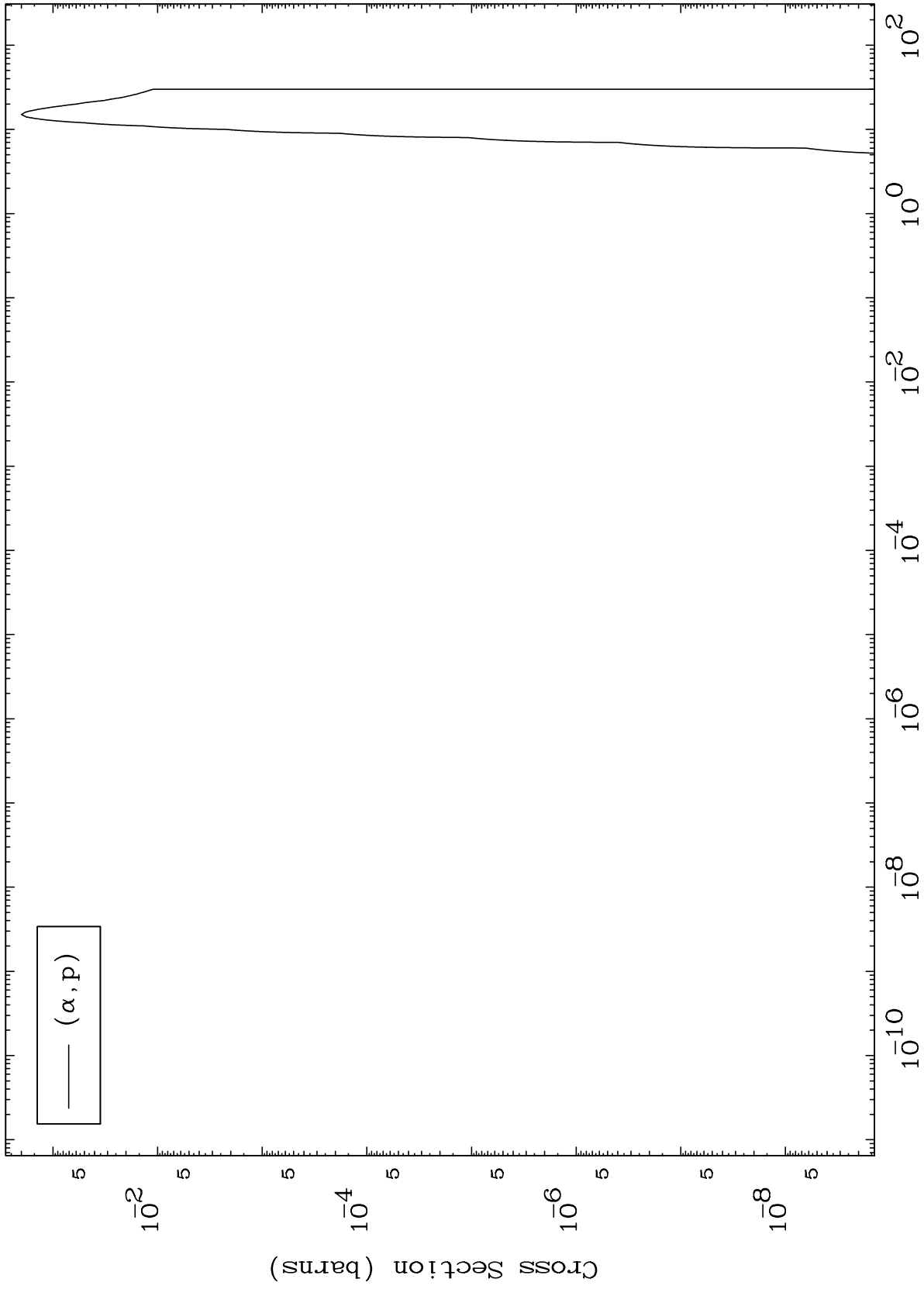
Incident Energy (MeV)

41-Nb-87

MAT 4107

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-87



6

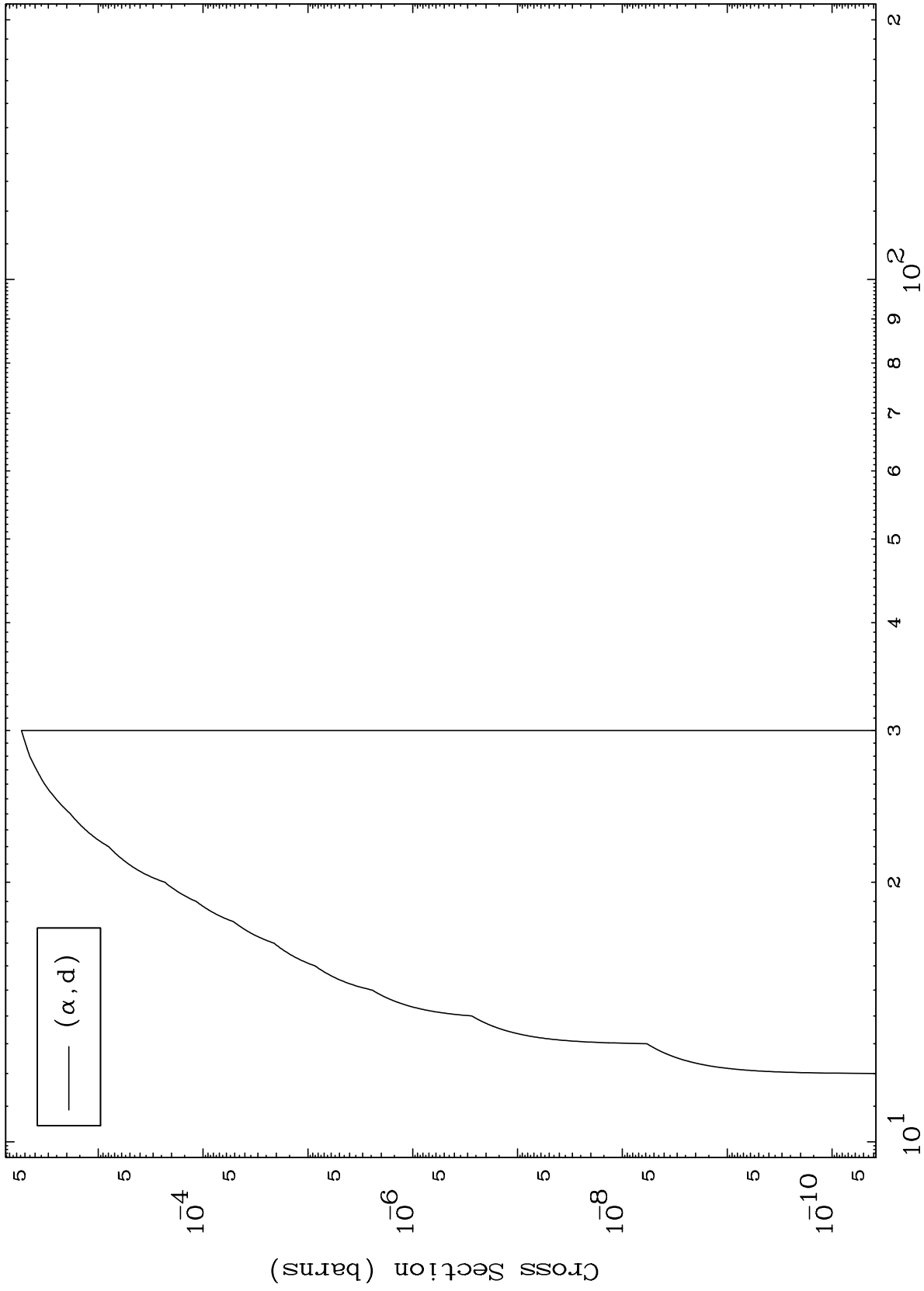
Incident Energy (MeV)

41-Nb-87

MAT 4107

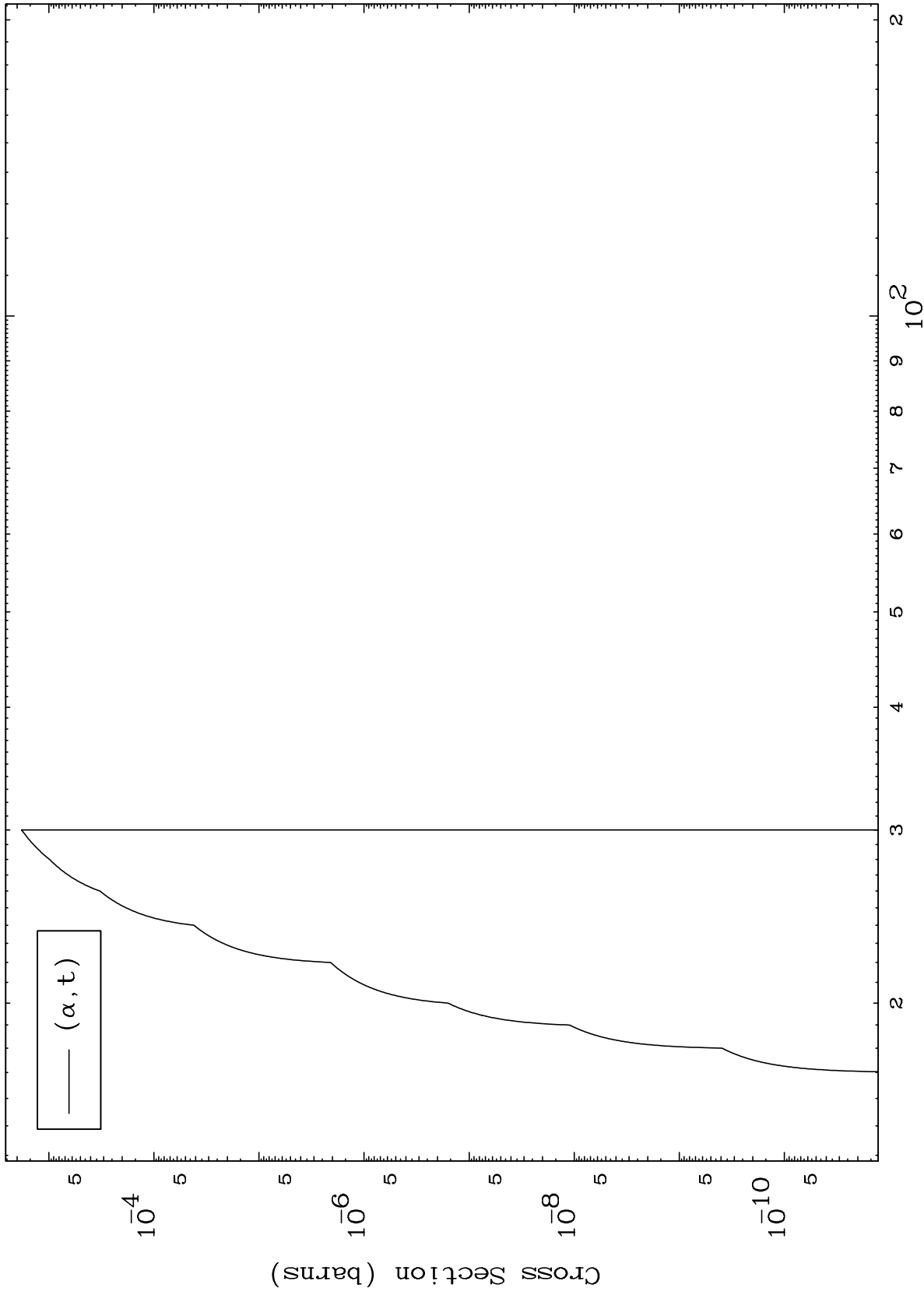
(α, d) Levels
0 Kelvin Cross Sections

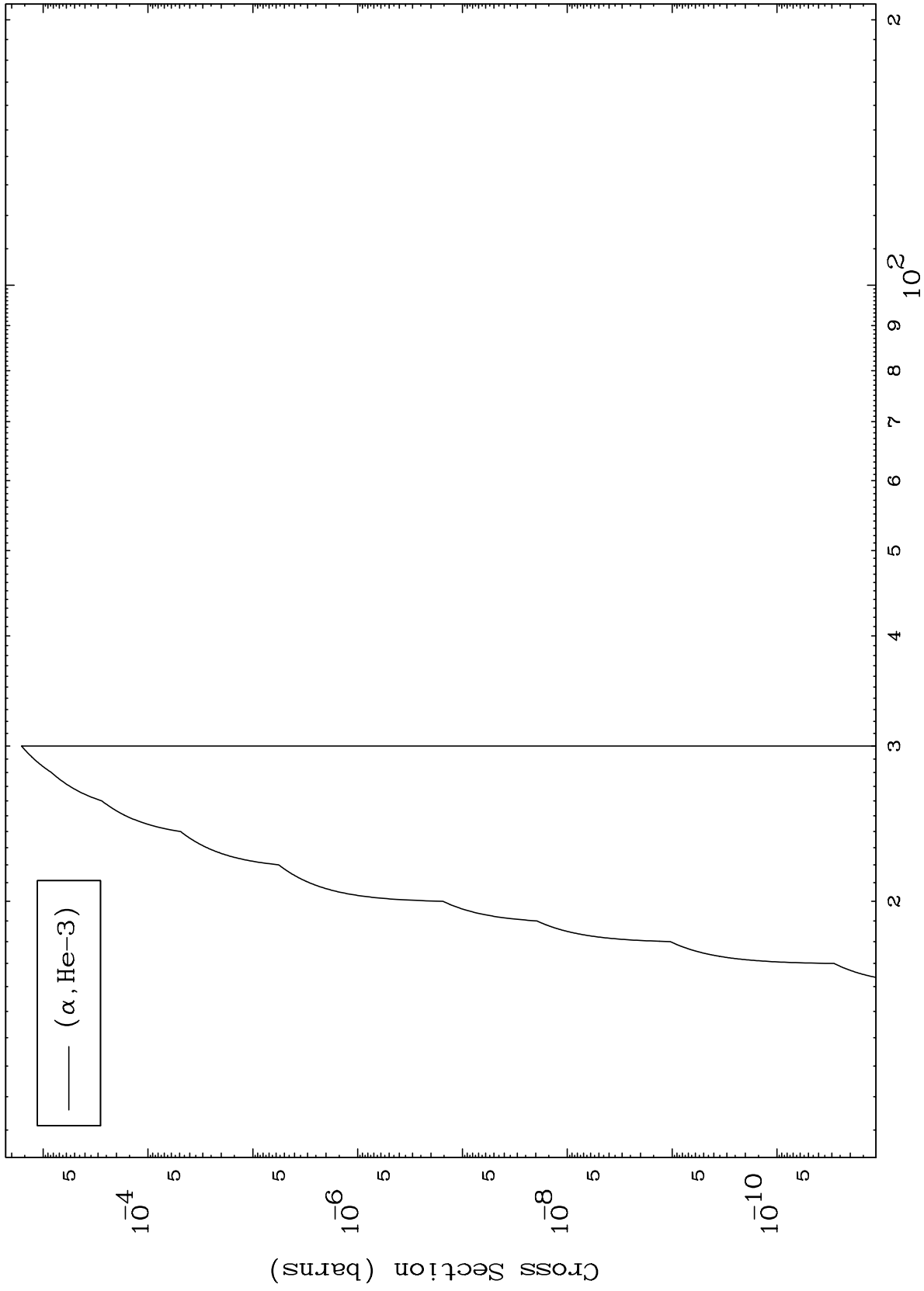
41-Nb-87



Incident Energy (MeV)

41-Nb-87

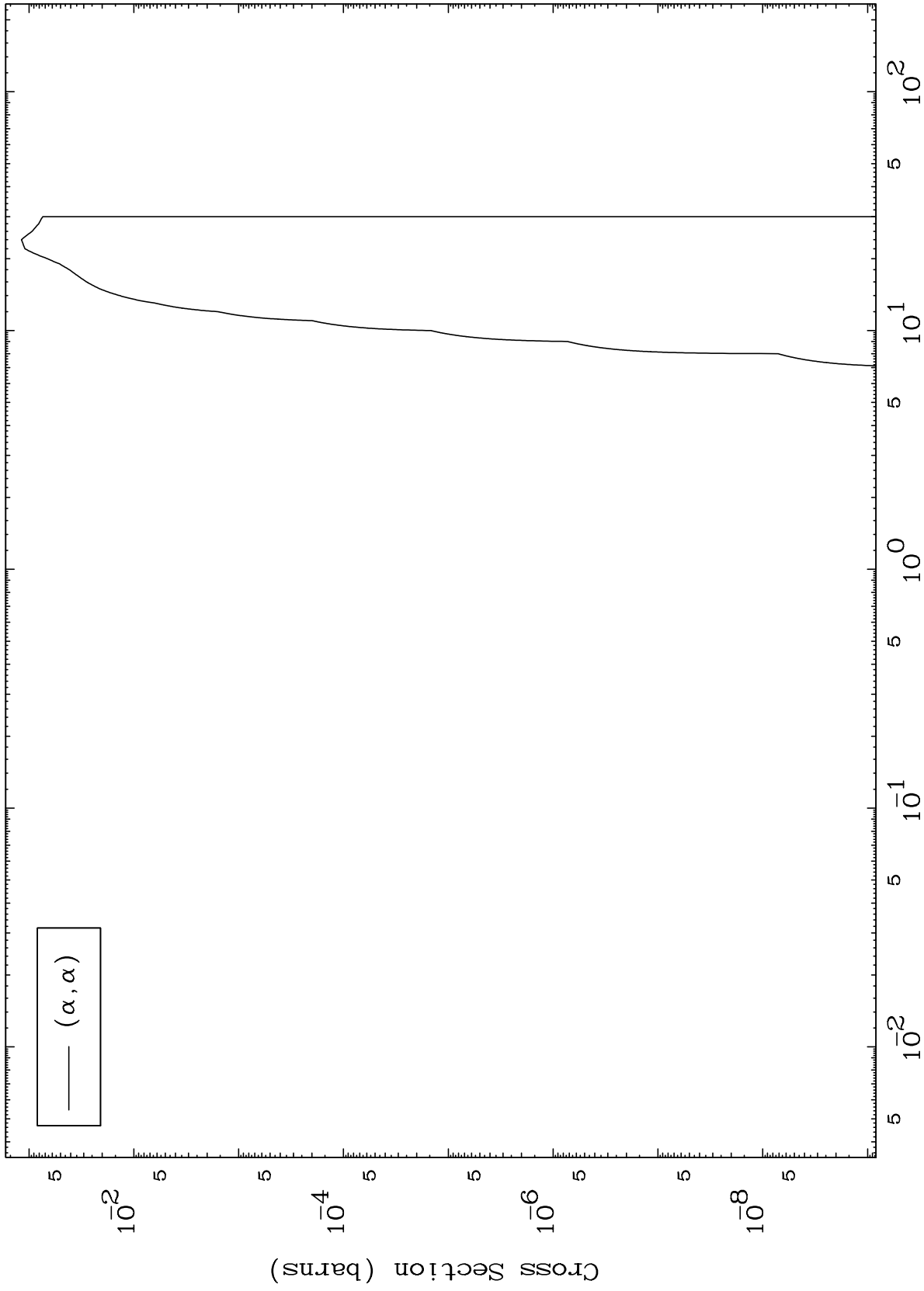




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(α, α) Levels
0 Kelvin Cross Sections

41-Nb-87

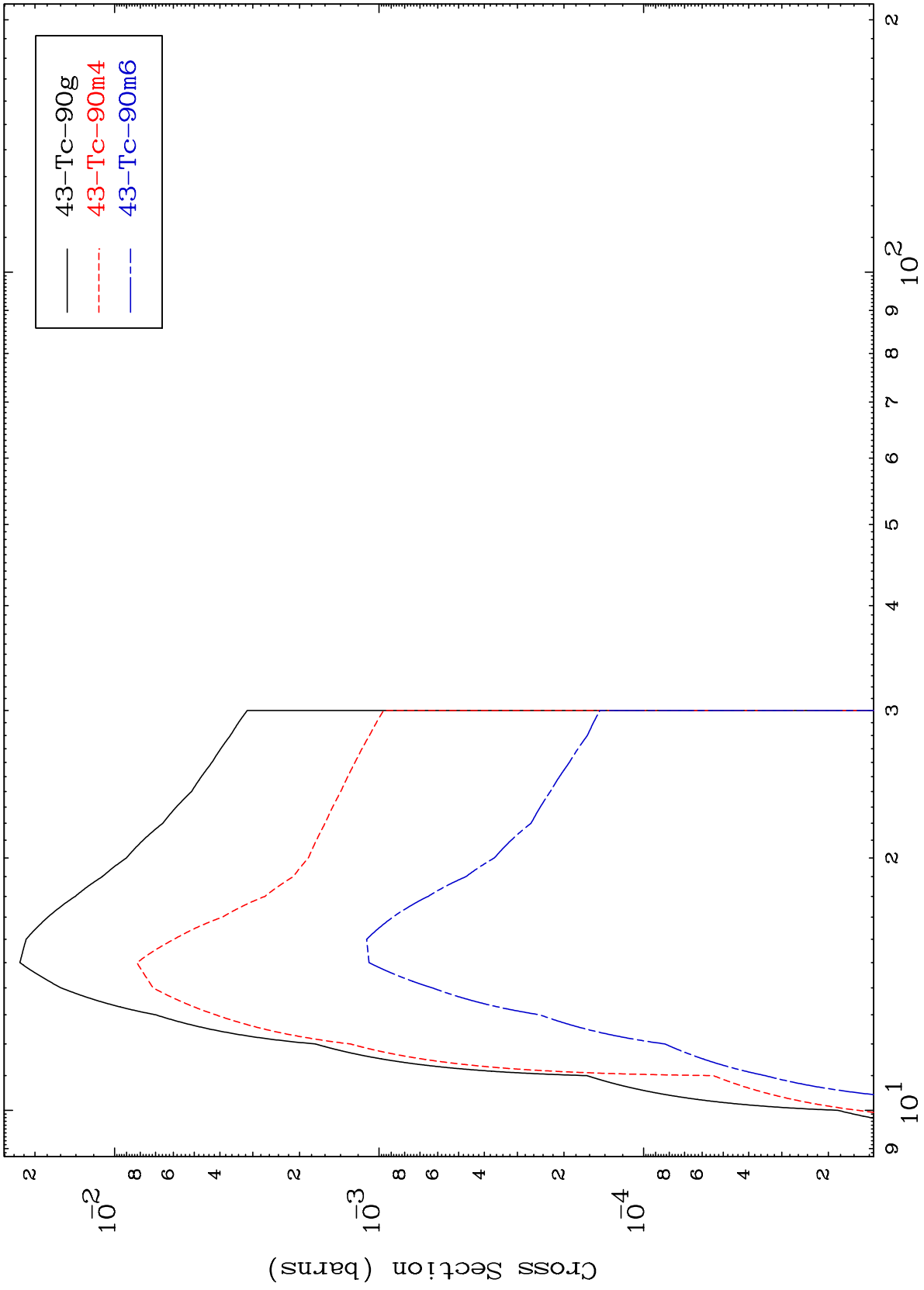


10

Incident Energy (MeV)

41-Nb-87

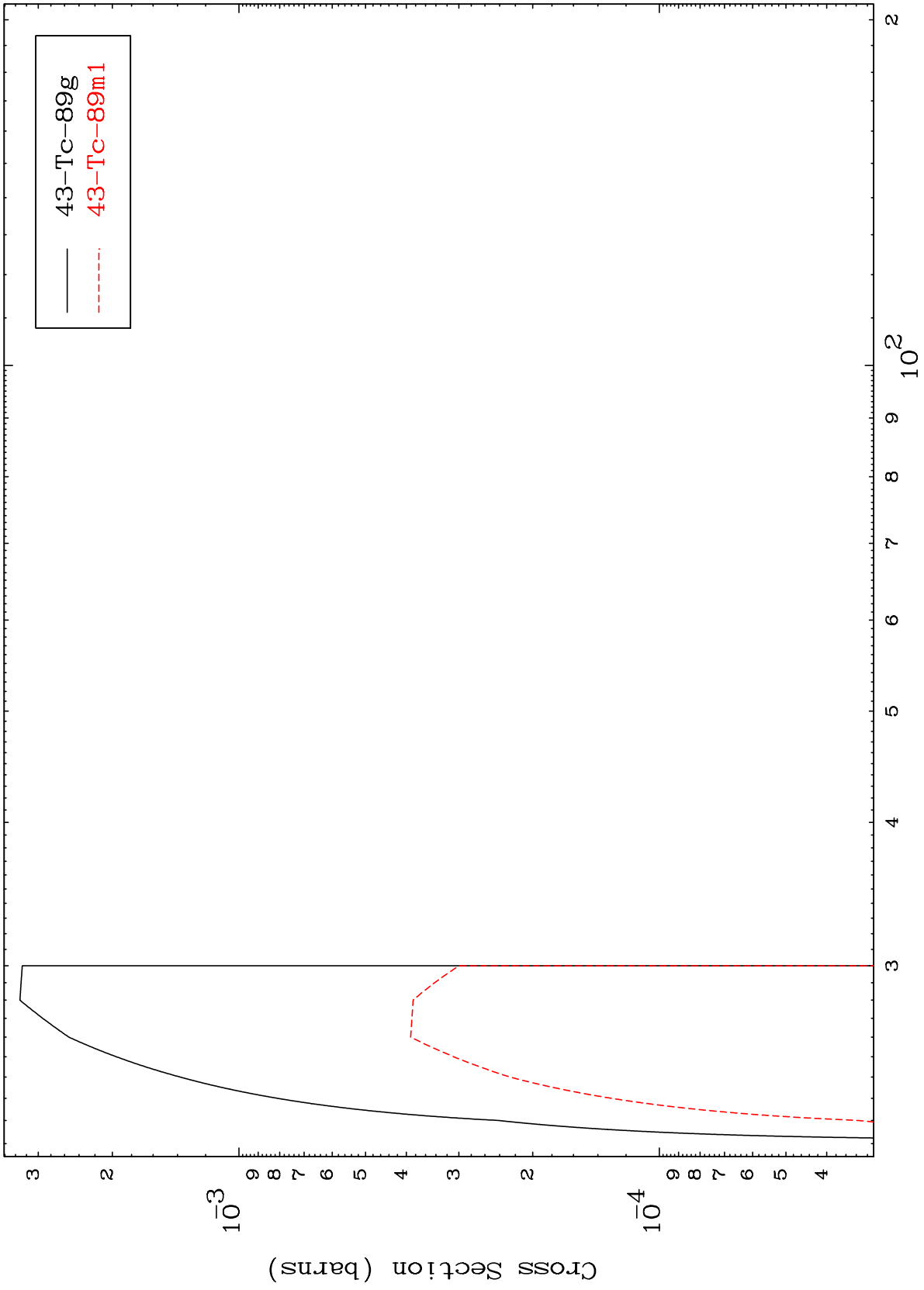
Radionuclide Production Cross Section



MAT 4107

41-Nb-87

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



12

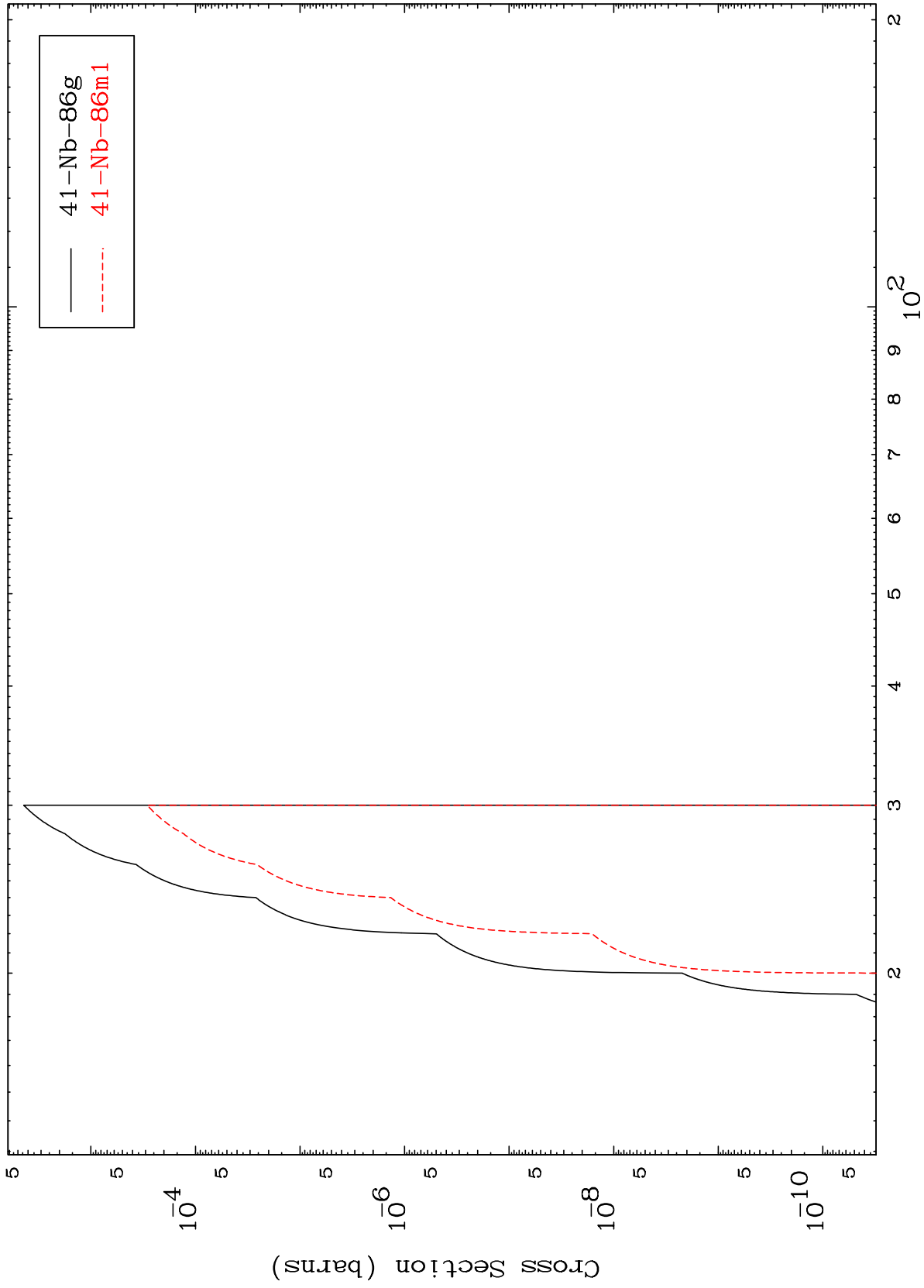
41-Nb-87

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(α, n') α

41-Nb-87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

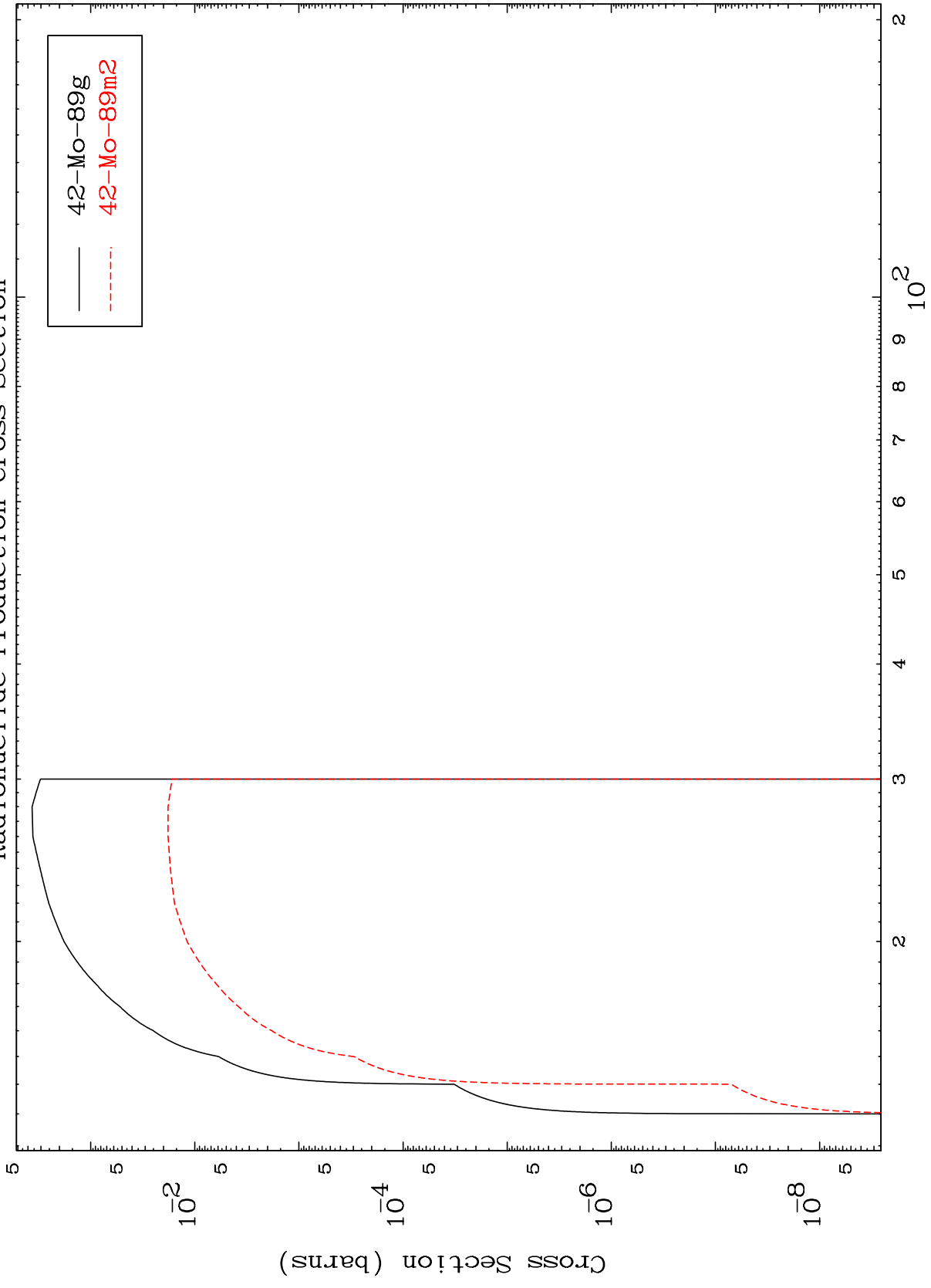
41-Nb-87

MAT 4107

(α, n') p

41-Nb-87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

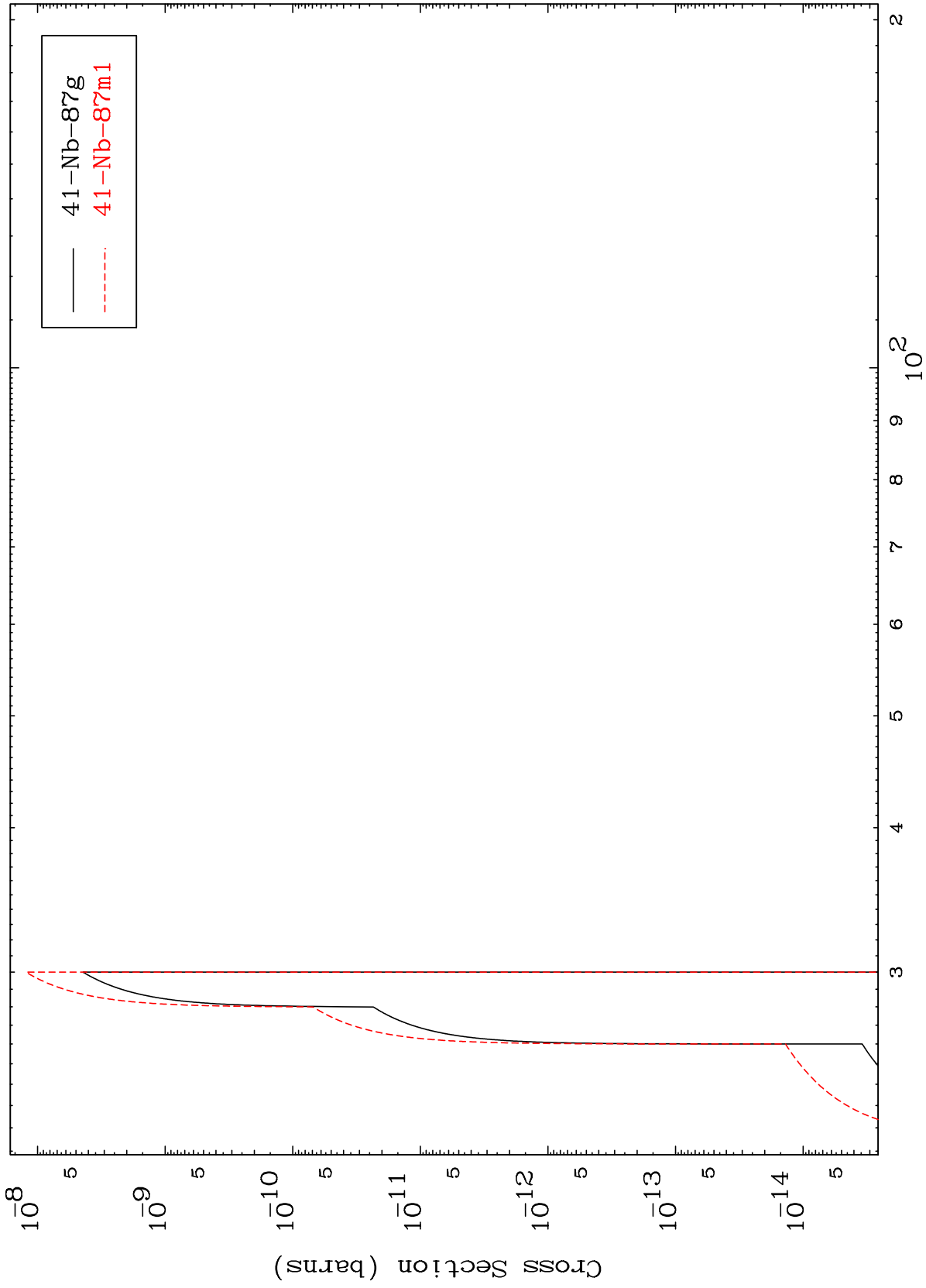
41-Nb-87

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(α, n') He-3

41-Nb-87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

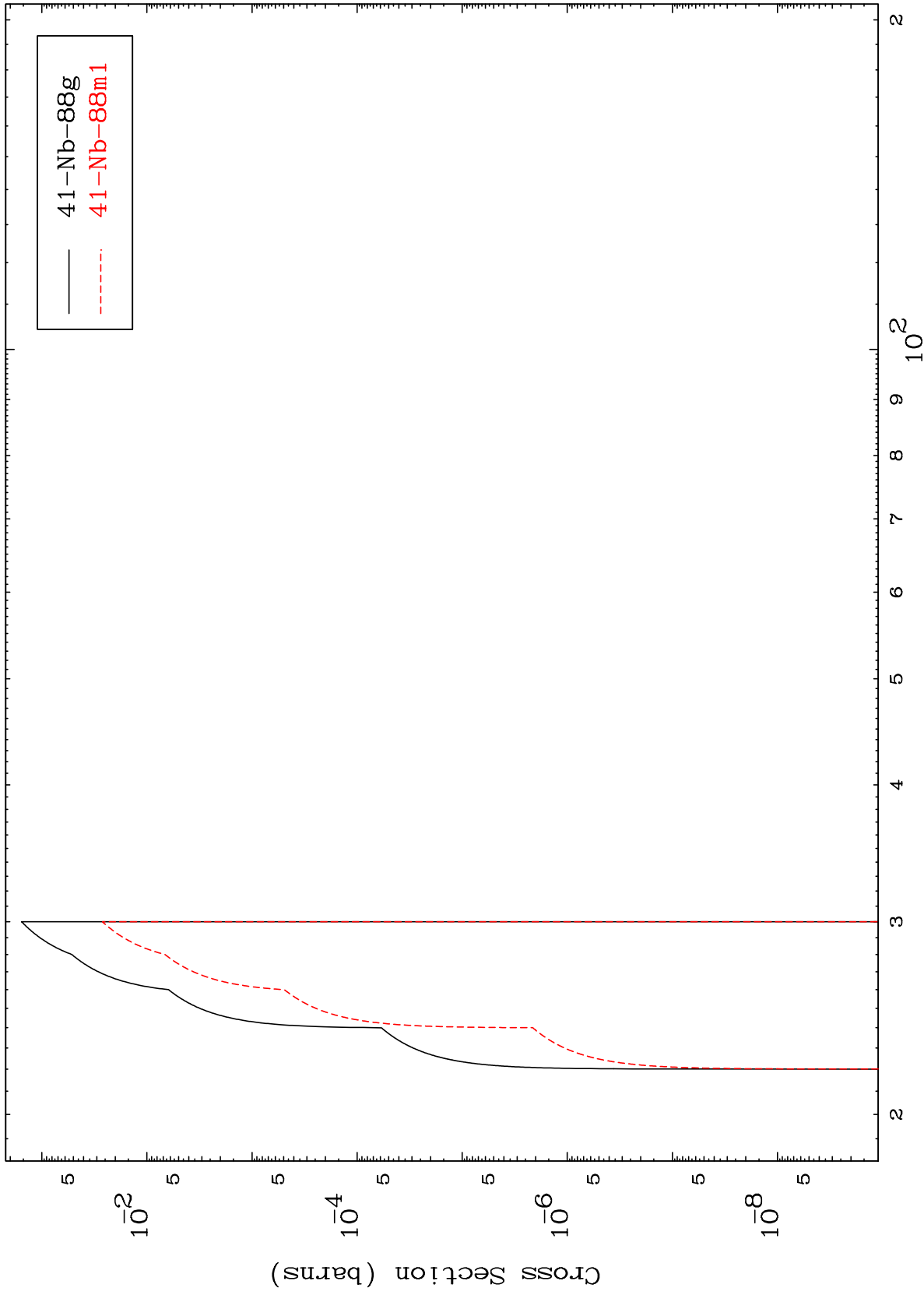
41-Nb-87

MAT 4107

($\alpha, 2n$) p

41-Nb-87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

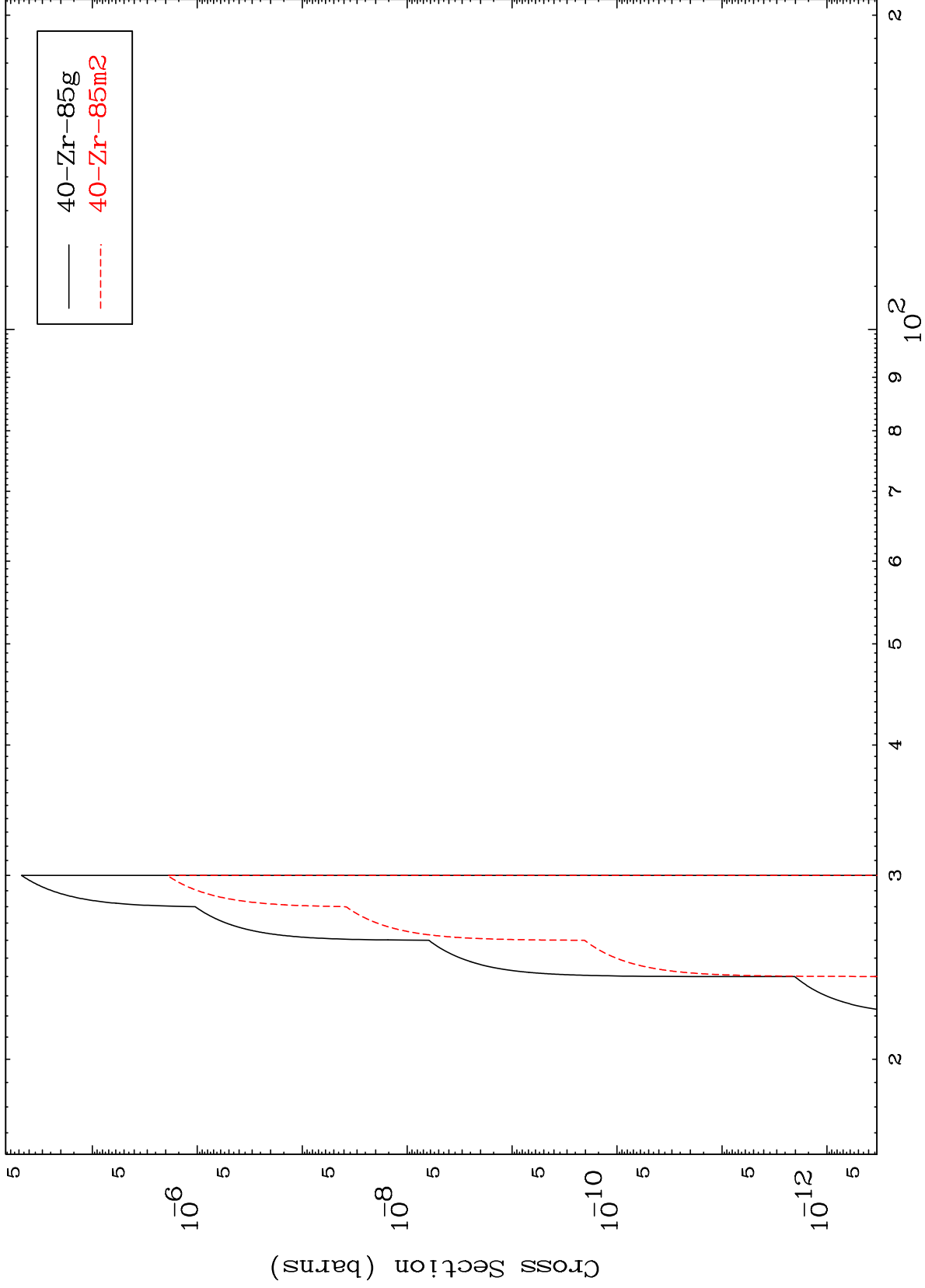
41-Nb-87

MAT 4107

(α, n') p α

41-Nb-87

Radionuclide Production Cross Section



17

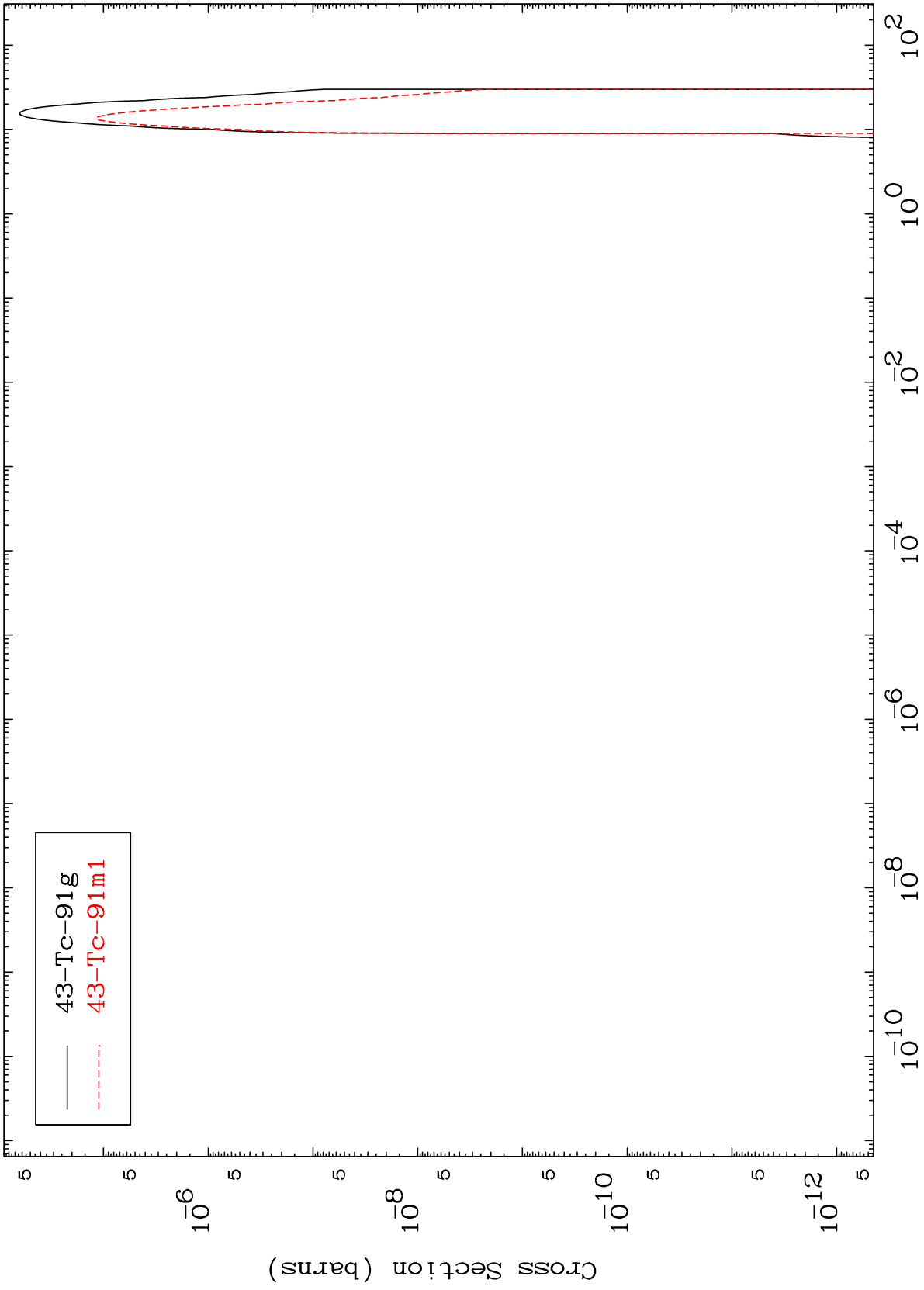
Incident Energy (MeV)

41-Nb-87

MAT 4107

Radionuclide Production Cross Section
(α, γ)

41-Nb-87



18

Incident Energy (MeV)

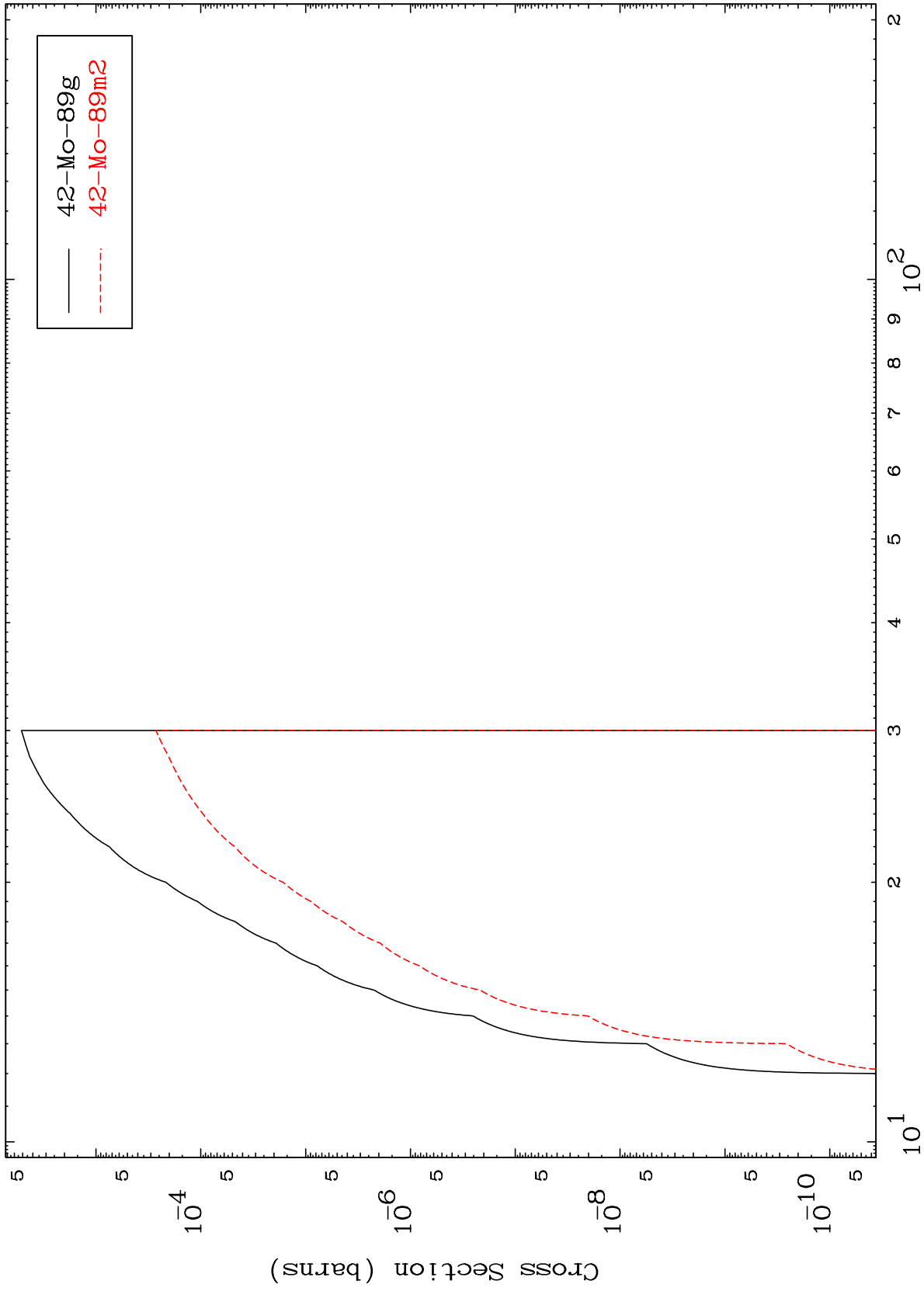
41-Nb-87

MAT 4107

(α, d)

41-Nb-87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

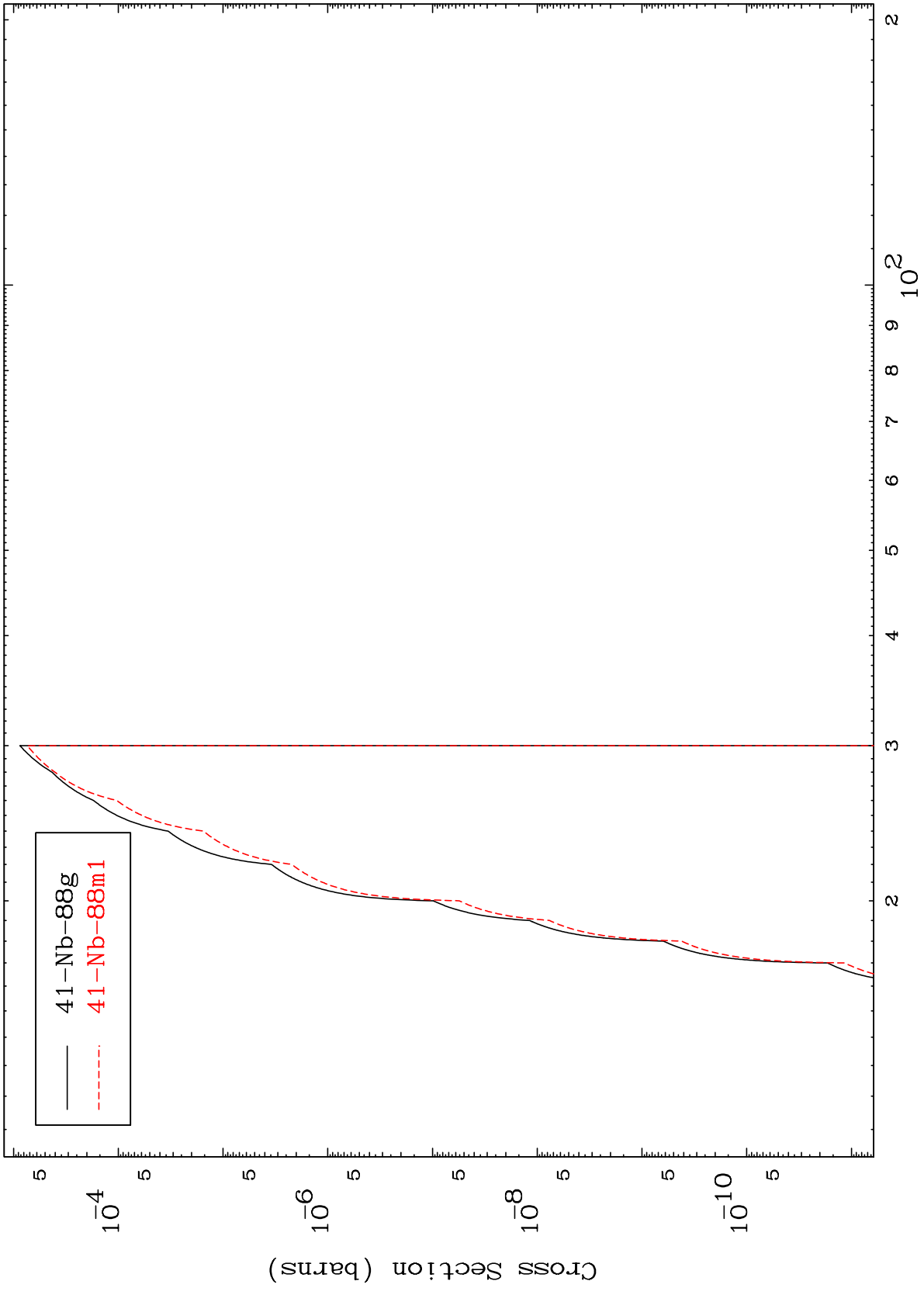
41-Nb-87

MAT 4107

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

41-Nb-87

Radionuclide Production Cross Section



20

Incident Energy (MeV)

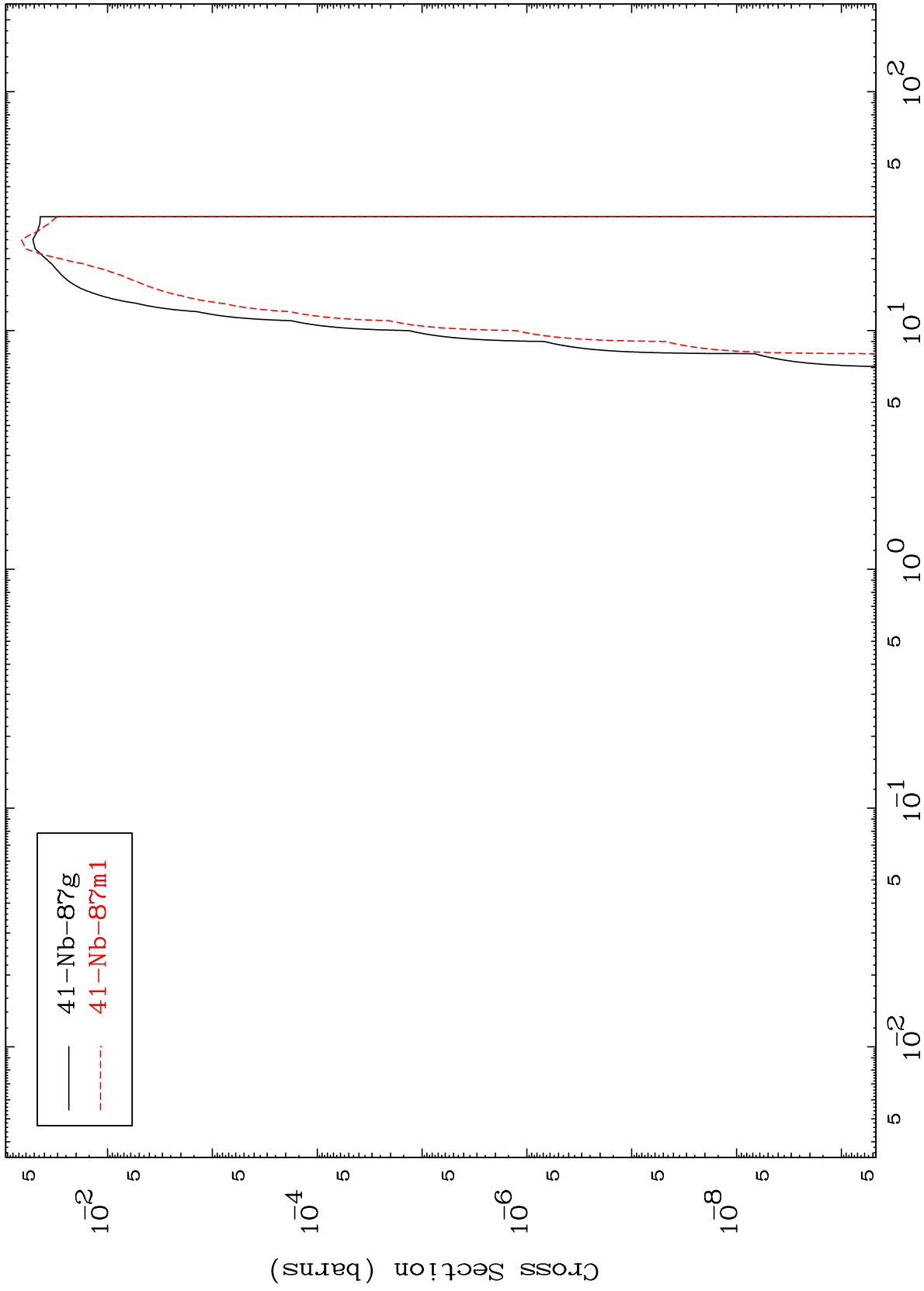
41-Nb-87

MAT 4107

(α, α)

41-Nb-87

Radionuclide Production Cross Section



21

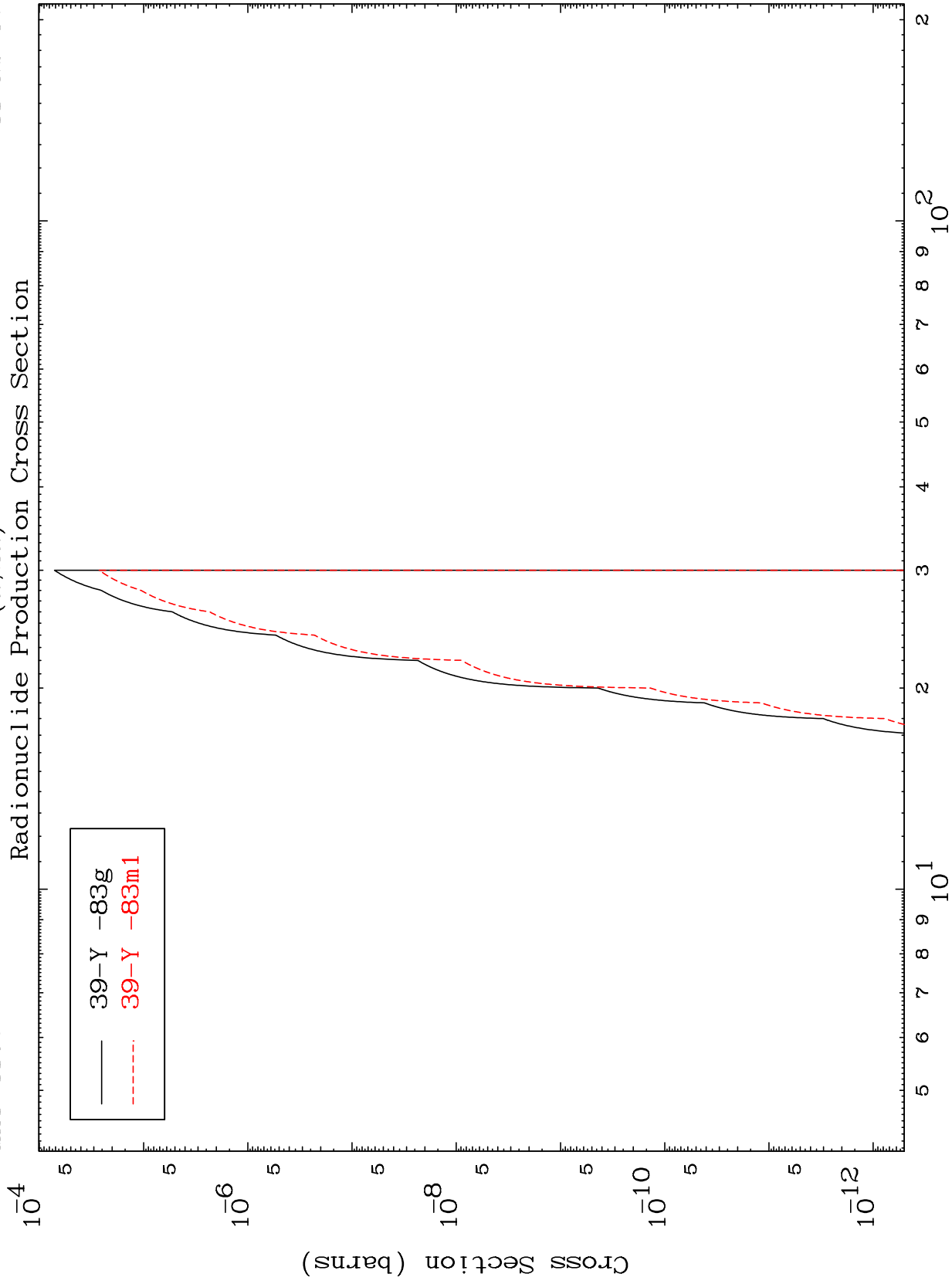
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

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



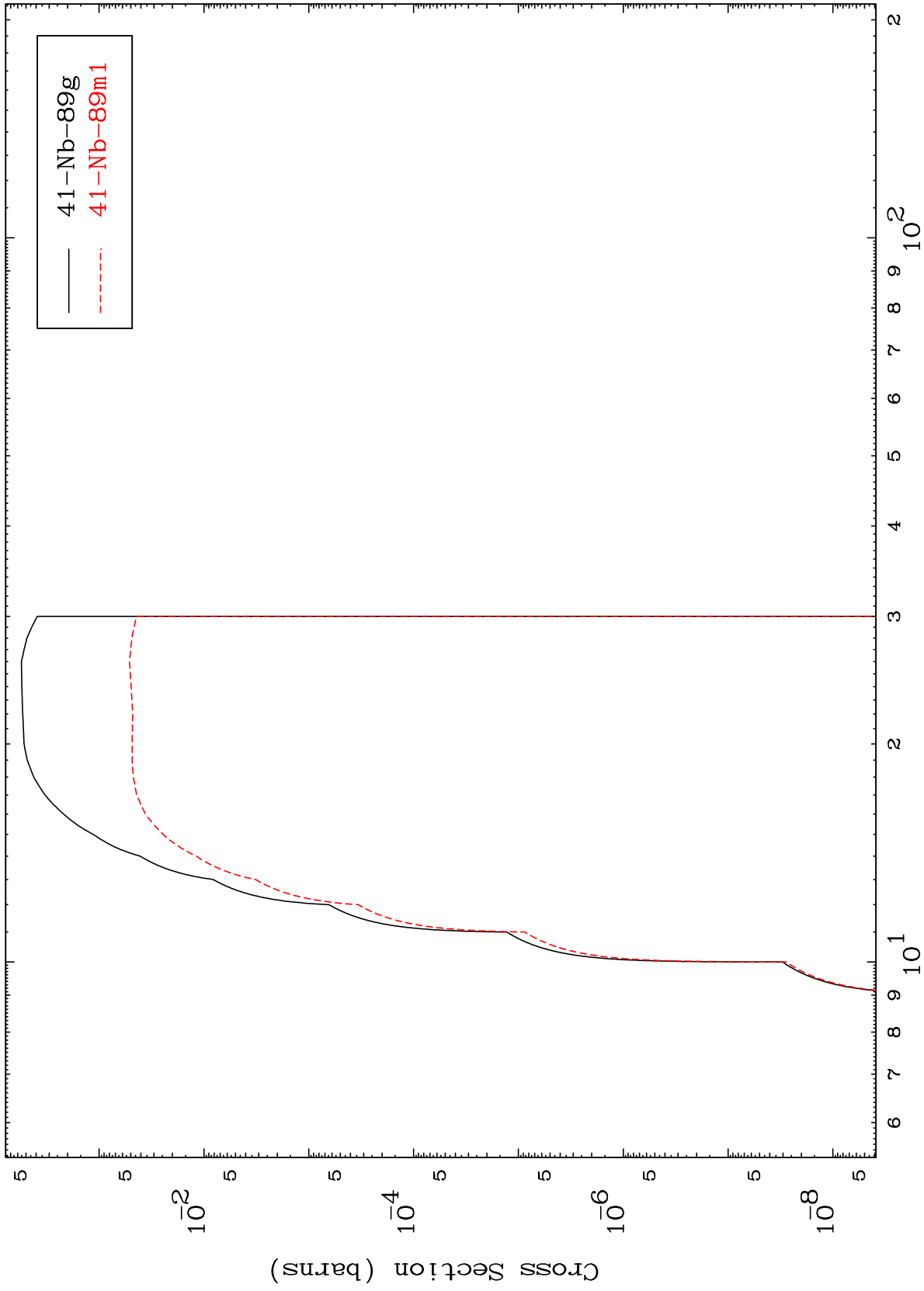
22

41-Nb-87

MAT 4107

41-Nb-87

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



23

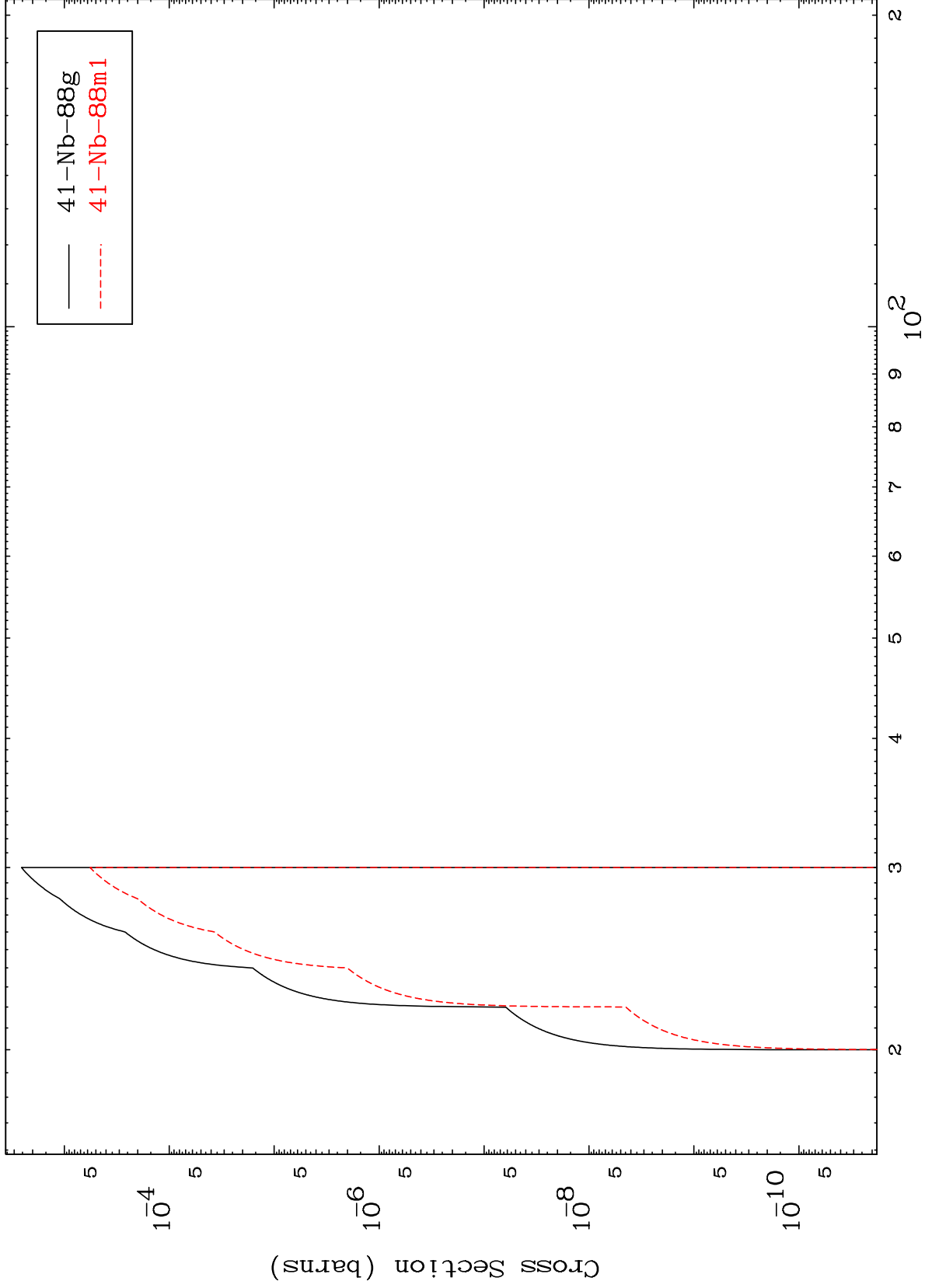
41-Nb-87

MAT 4107

(α, p) d

41-Nb-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

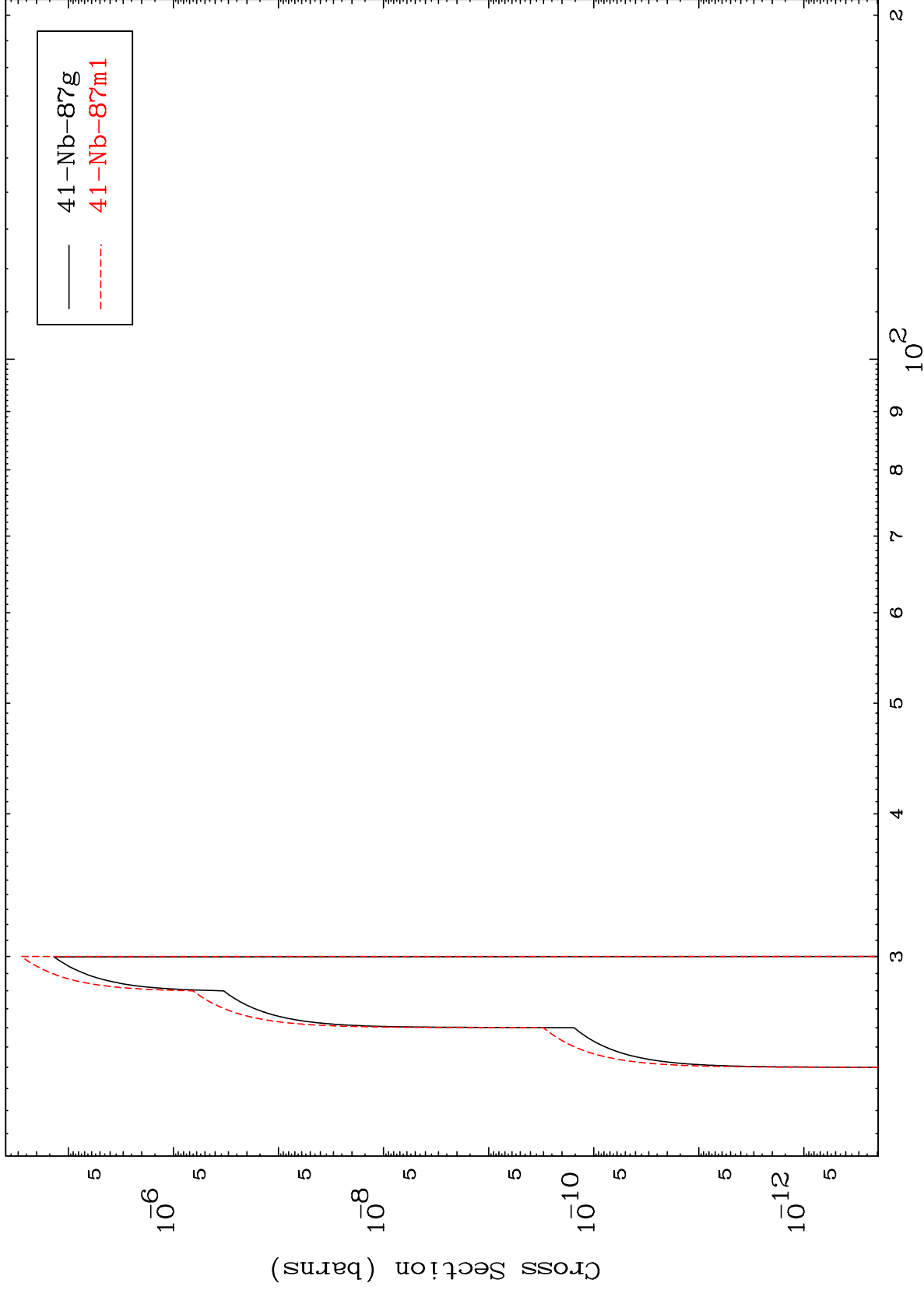
41-Nb-87

MAT 4107

(α, p) t

41-Nb-87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

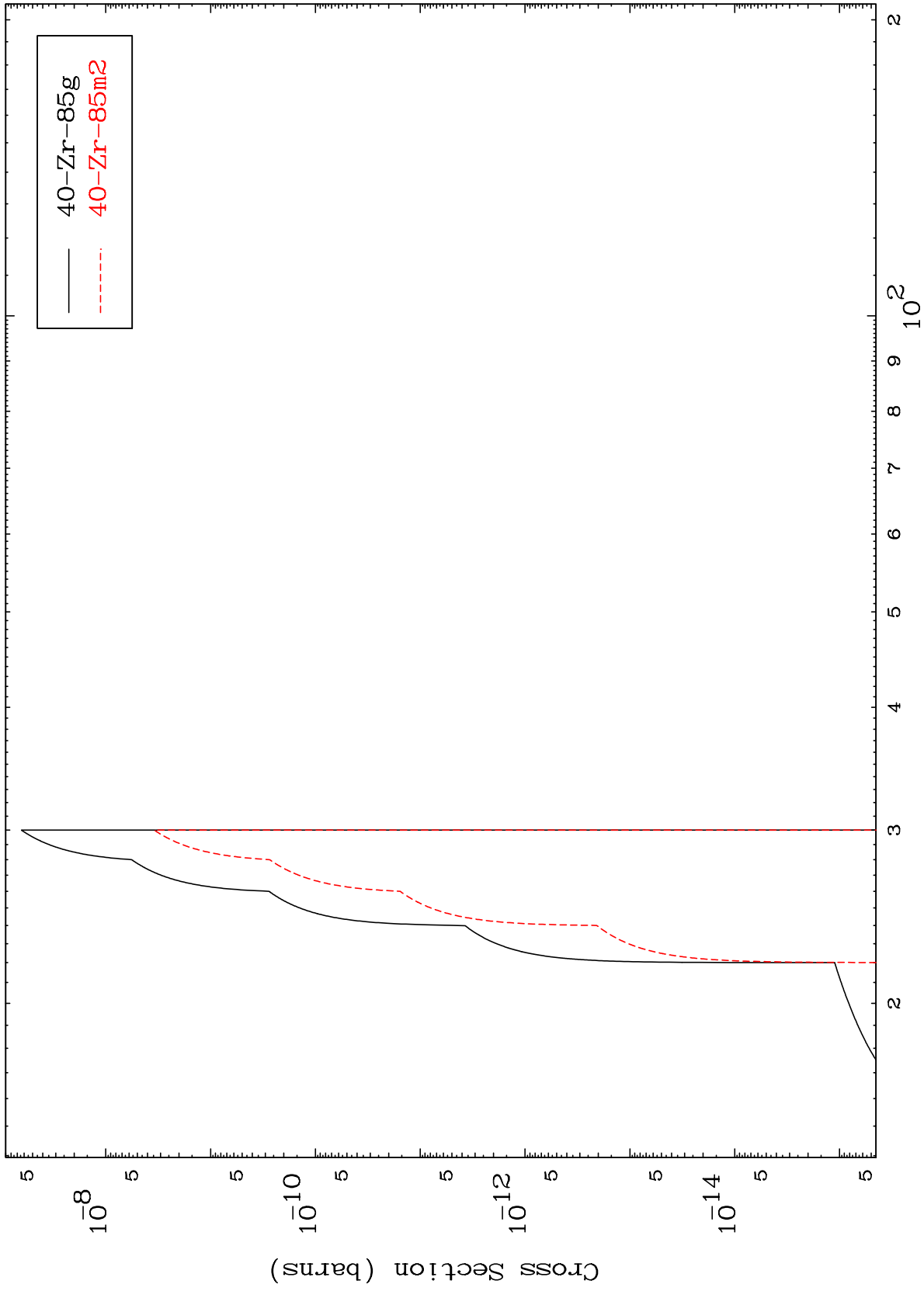
41-Nb-87

MAT 4107

(α, d) α

41-Nb-87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-87