

Program EVALPLOT
(Version 2018-1)

by

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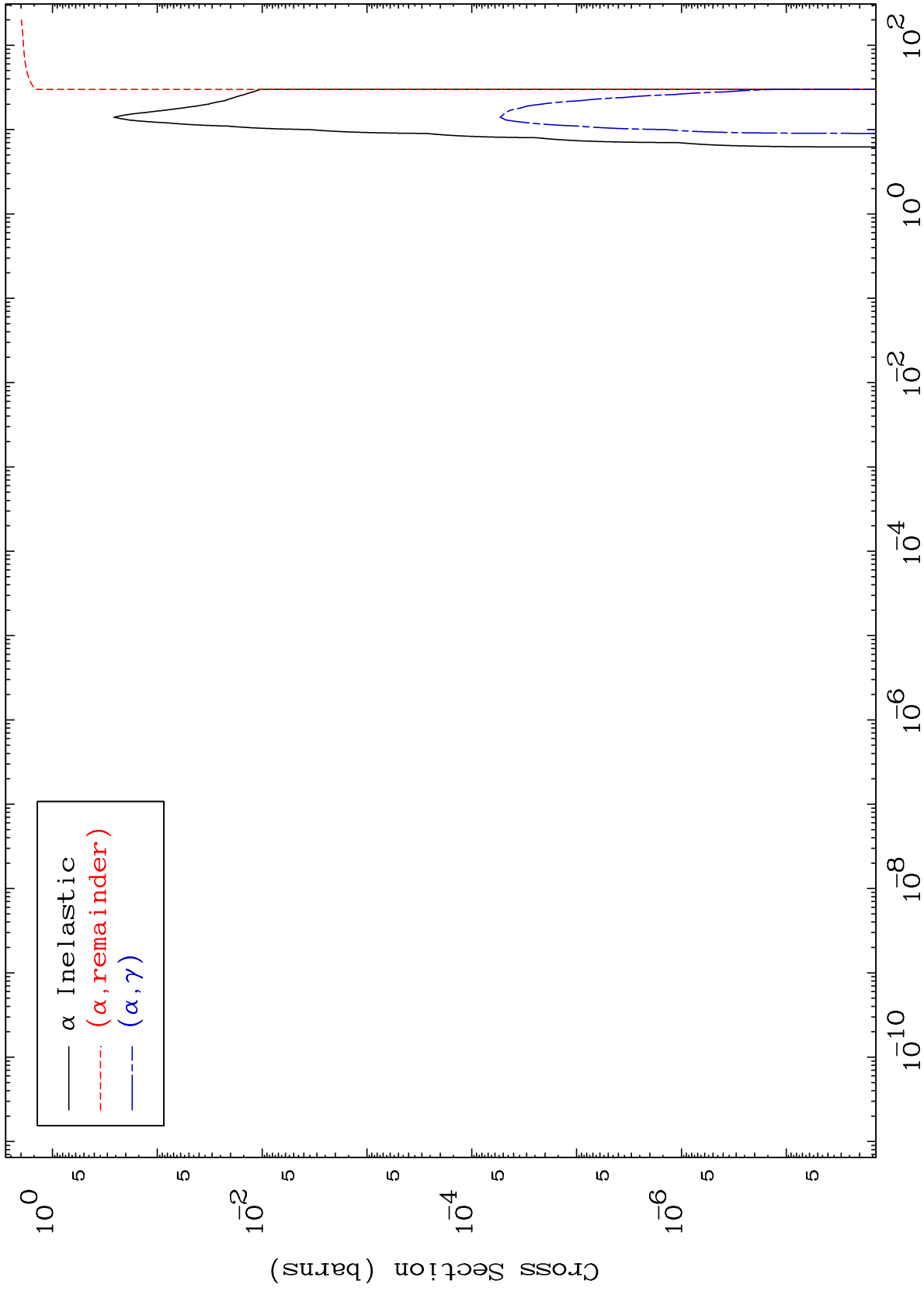
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4132

0 Kelvin α Major
Cross Sections

41-Nb-95



1

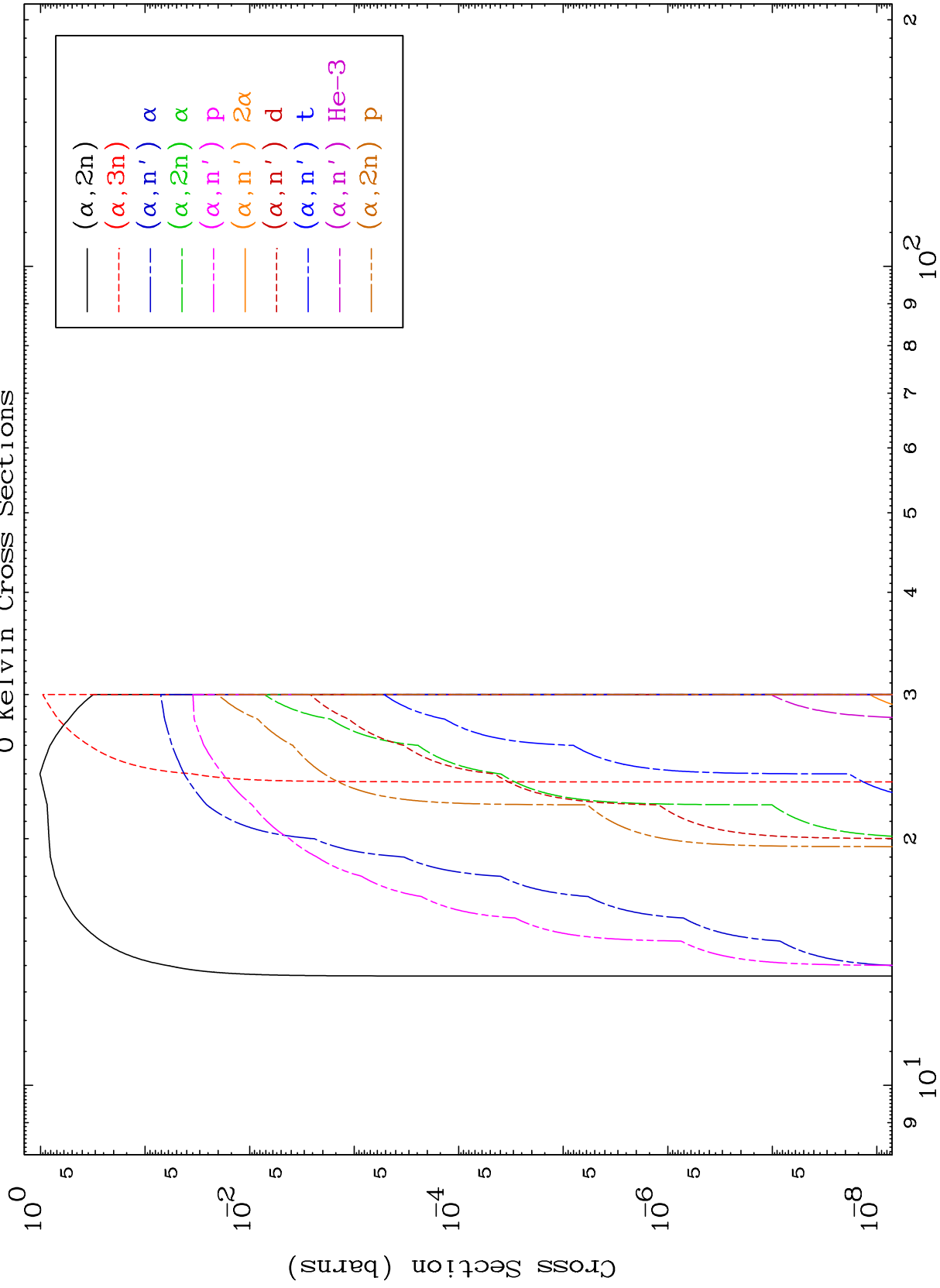
Incident Energy (MeV)

41-Nb-95

MAT 4132

α Neutron Production
0 Kelvin Cross Sections

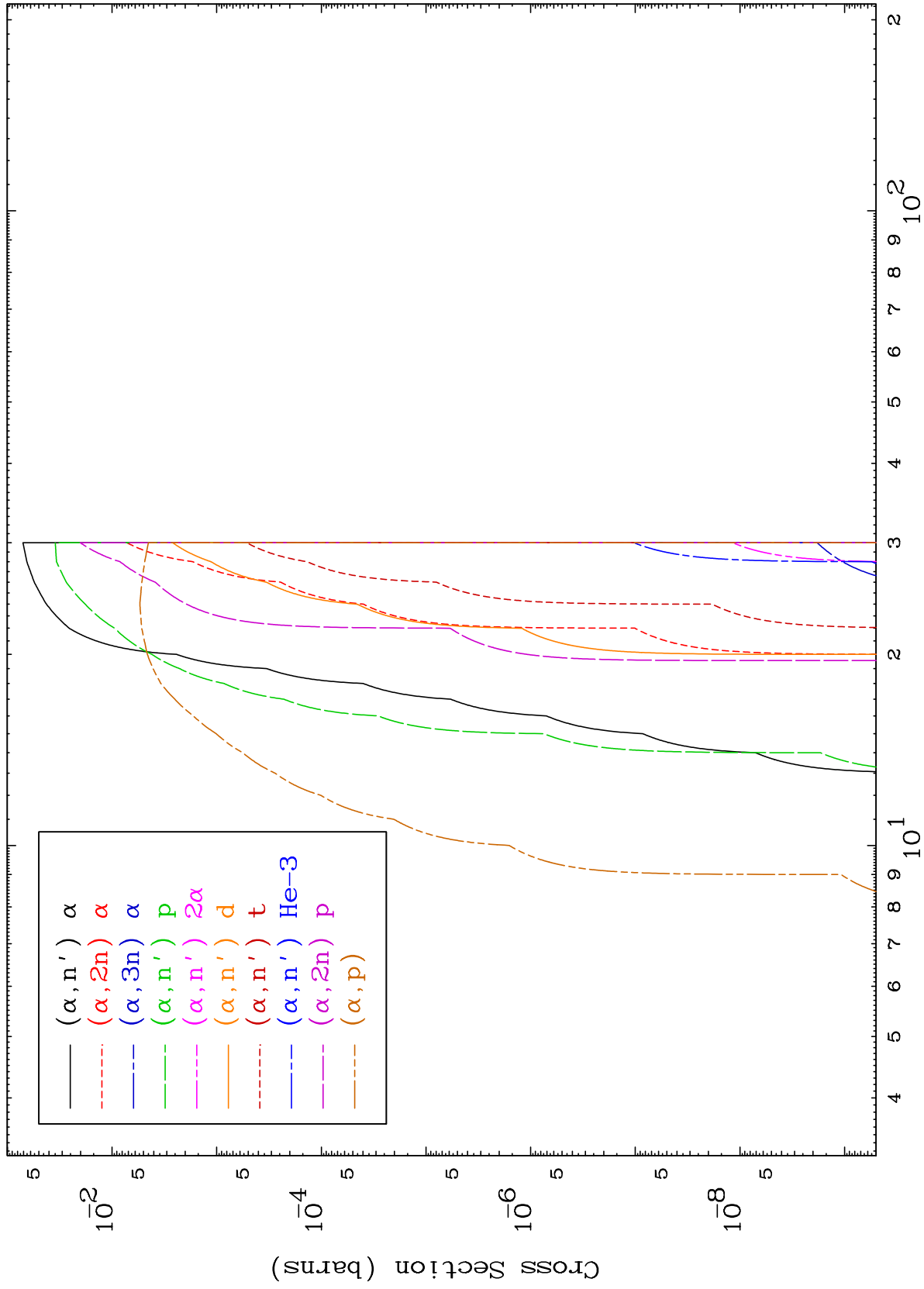
41-Nb-95

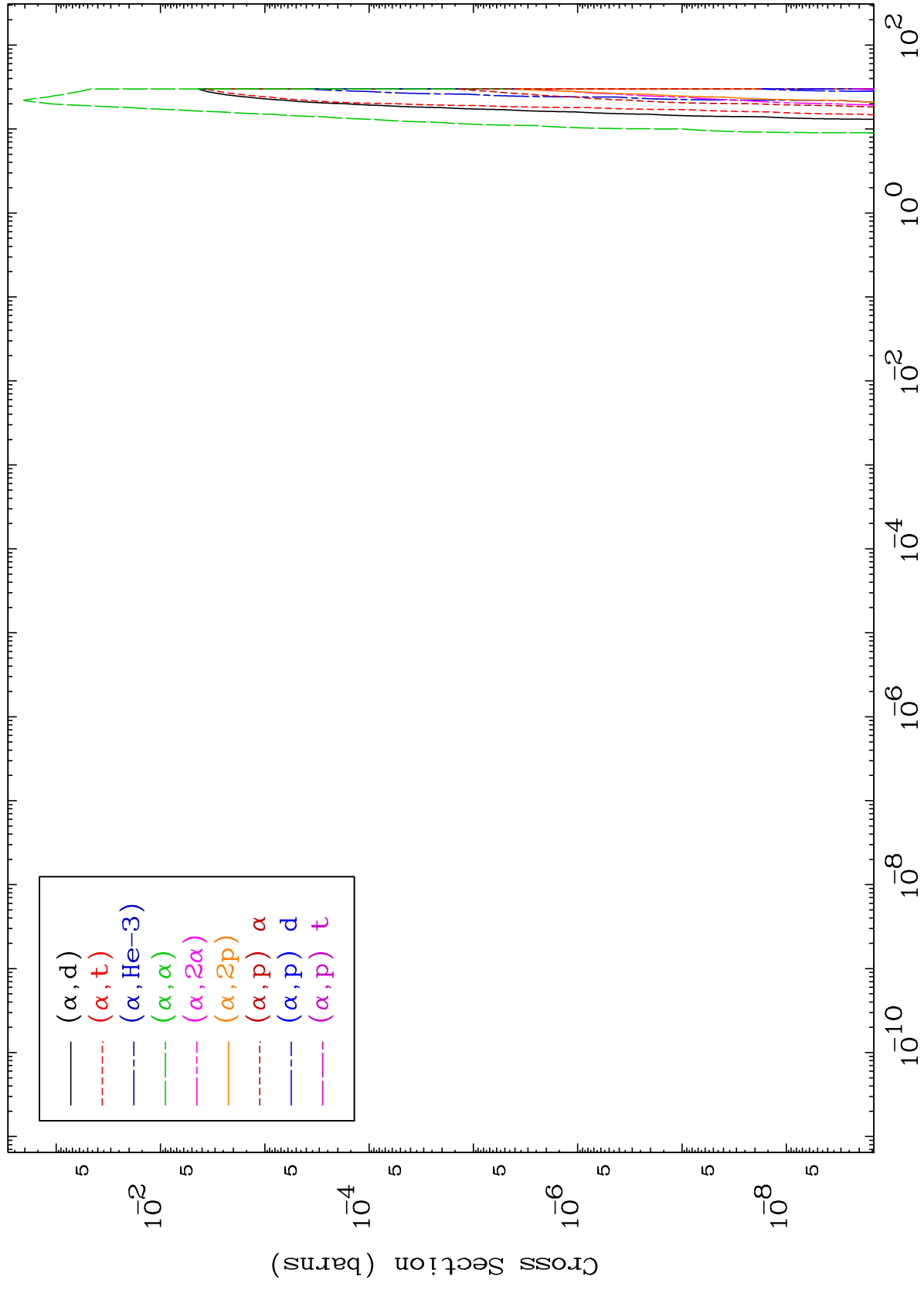


2

Incident Energy (MeV)

41-Nb-95

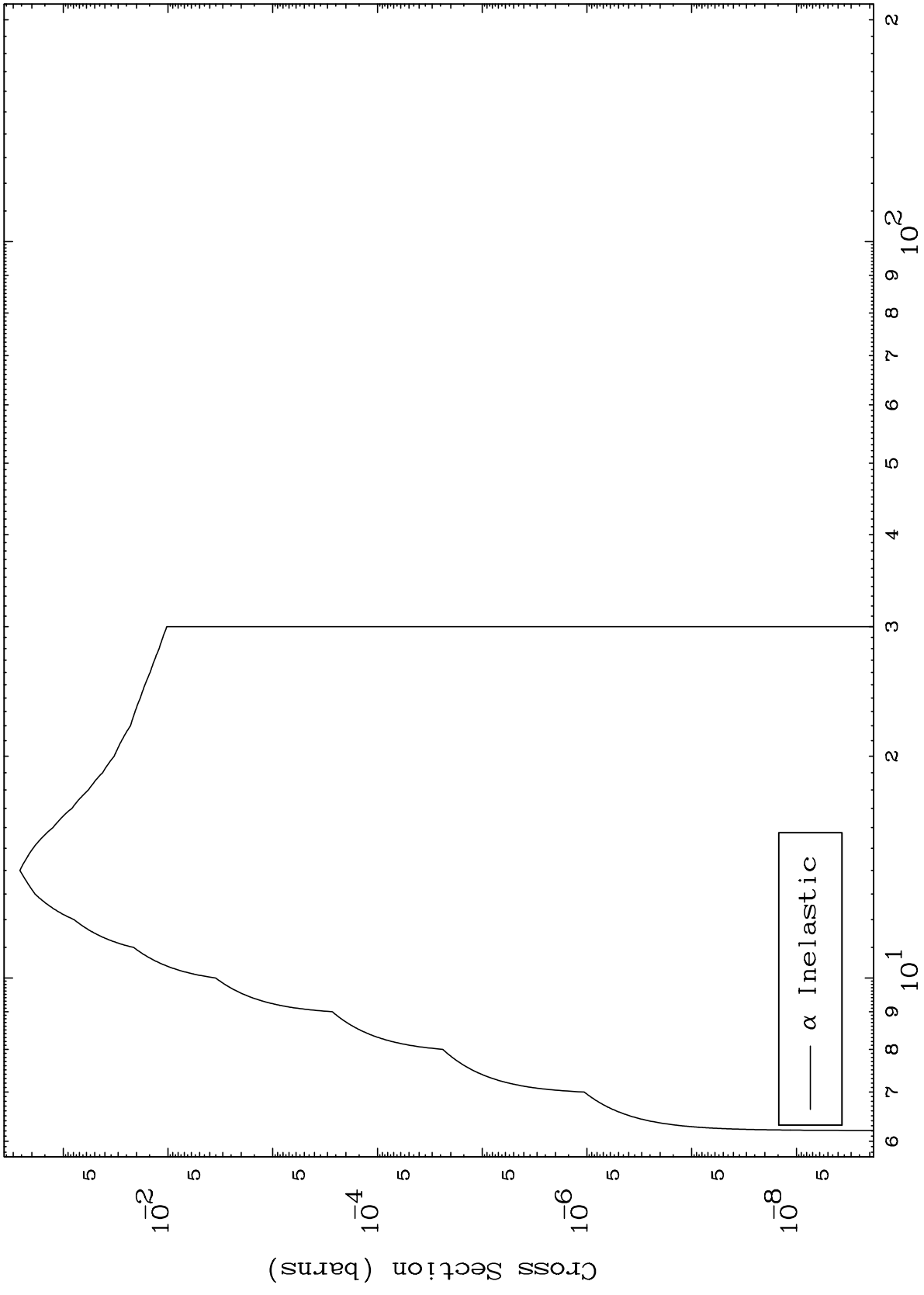




MAT 4132

(α, n') Level
0 Kelvin Cross Sections

41-Nb-95



— α Inelastic

5

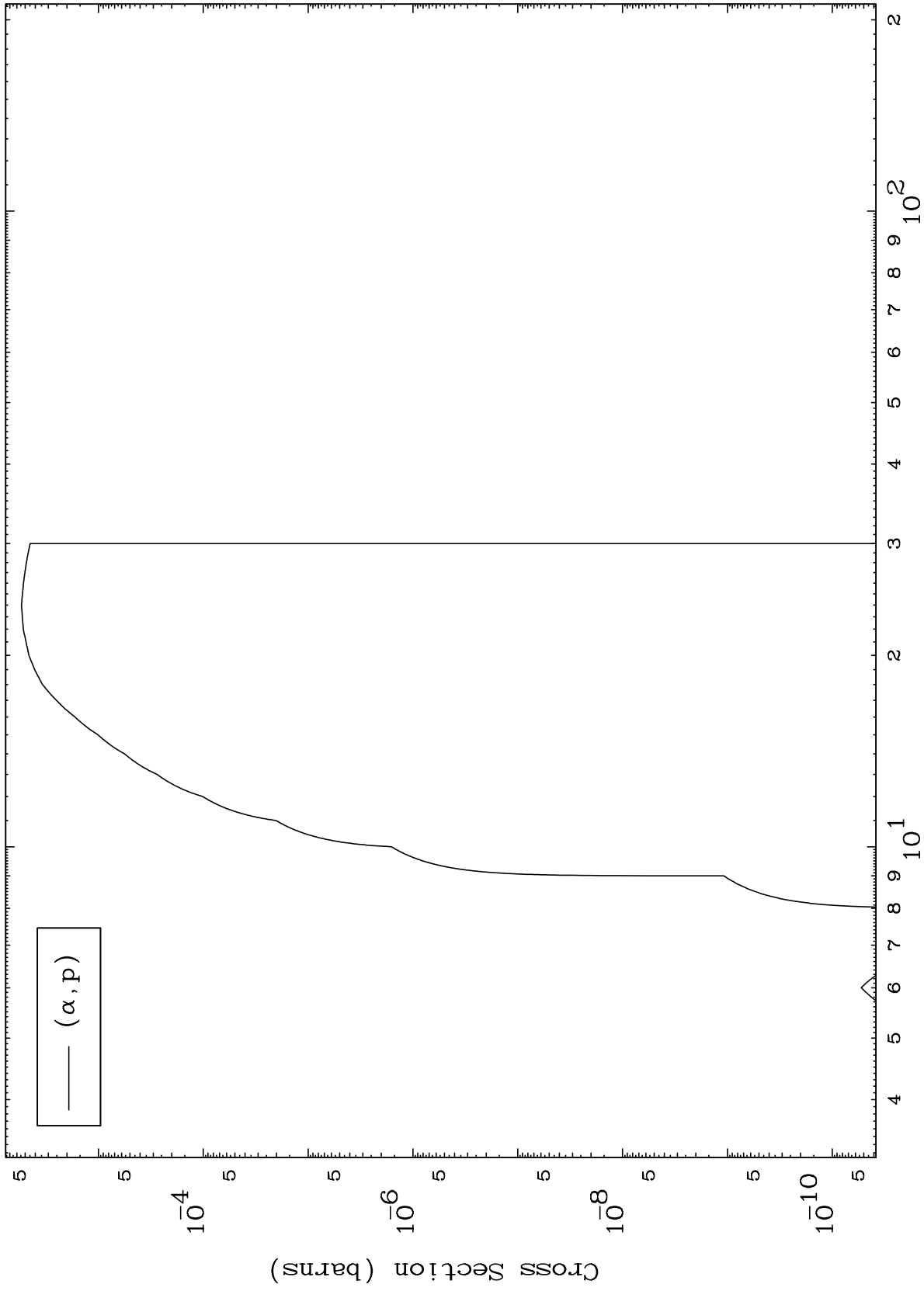
Incident Energy (MeV)

41-Nb-95

MAT 4132

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-95



6

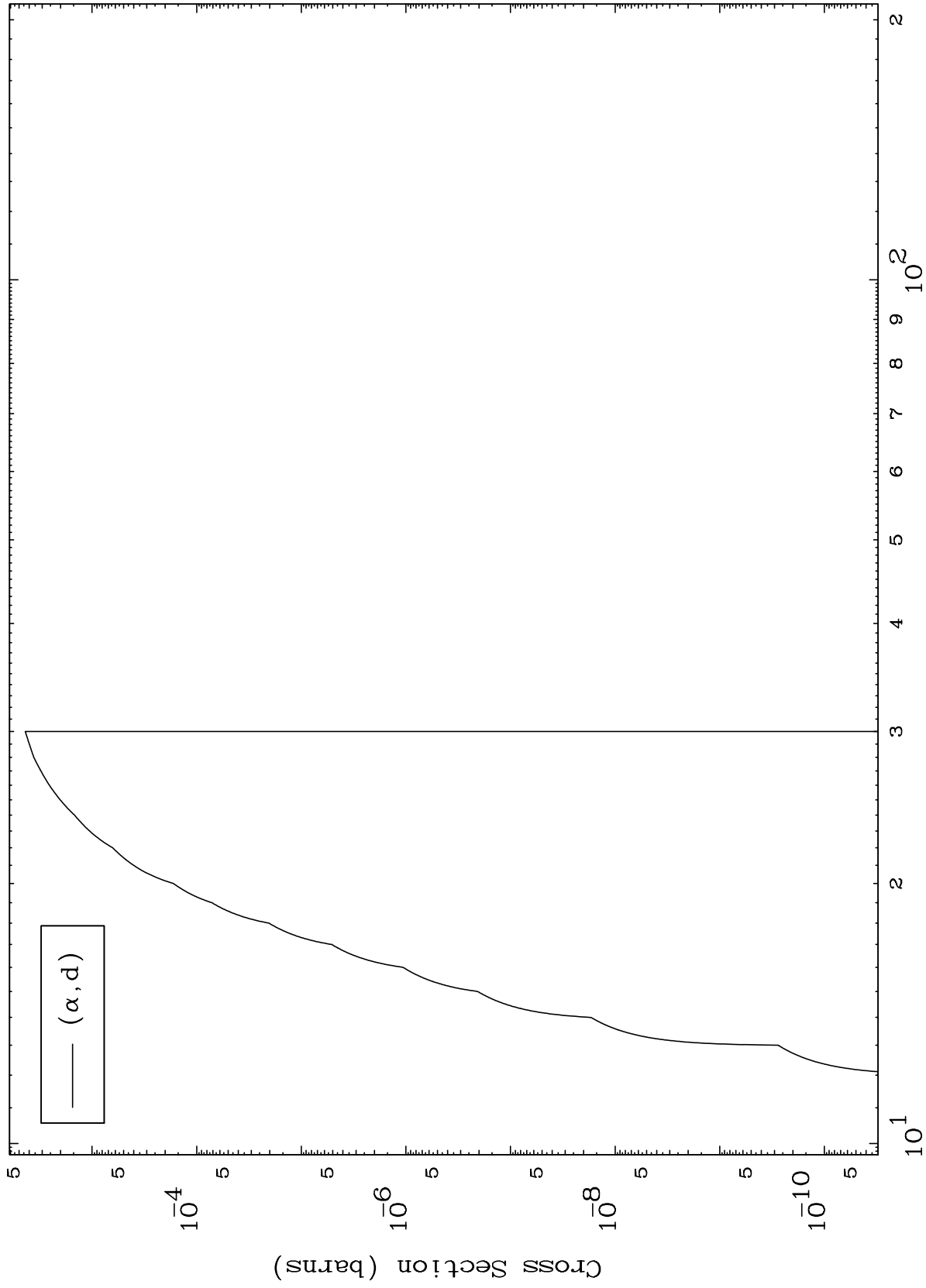
Incident Energy (MeV)

41-Nb-95

MAT 4132

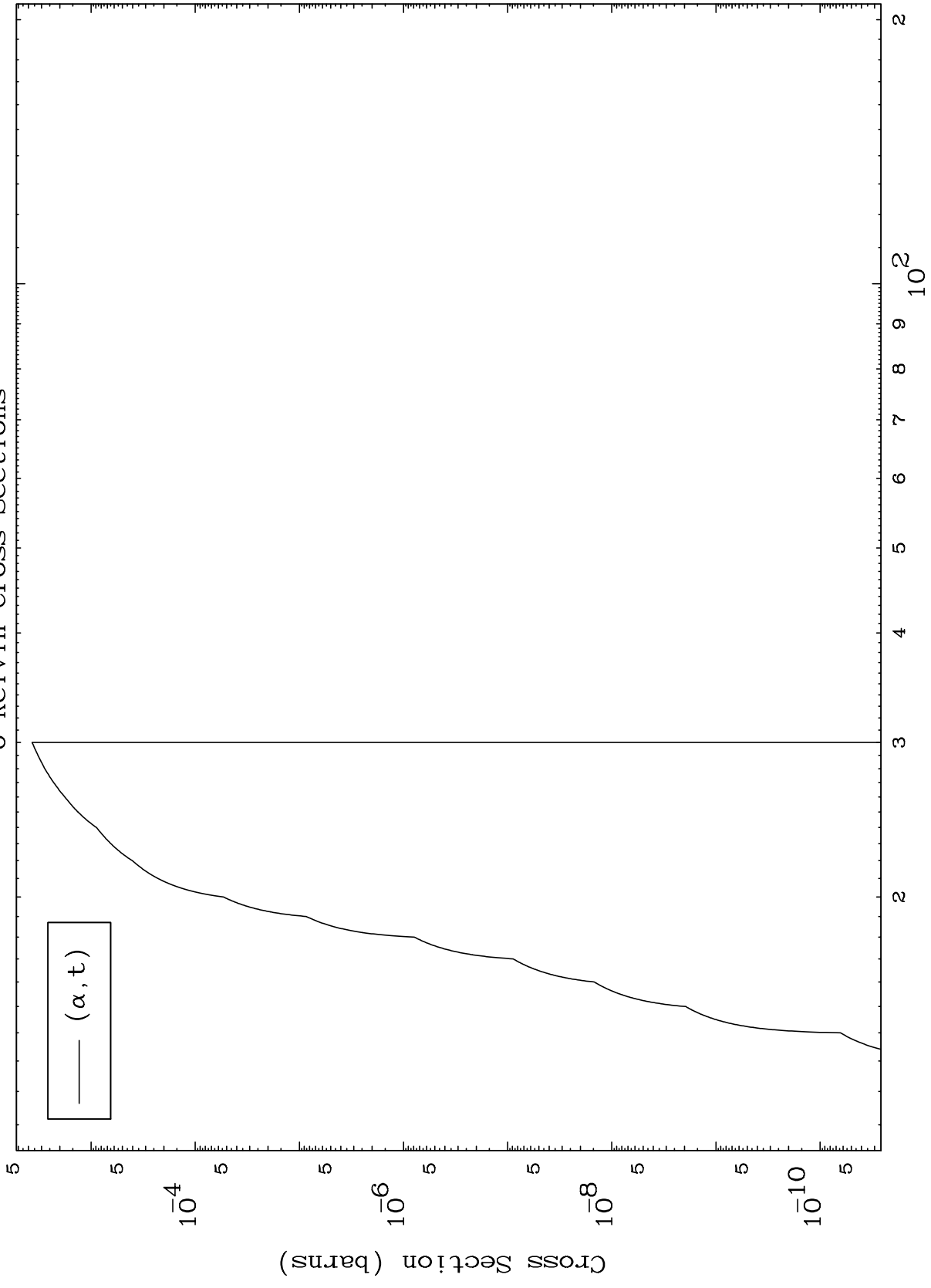
(α, d) Levels
0 Kelvin Cross Sections

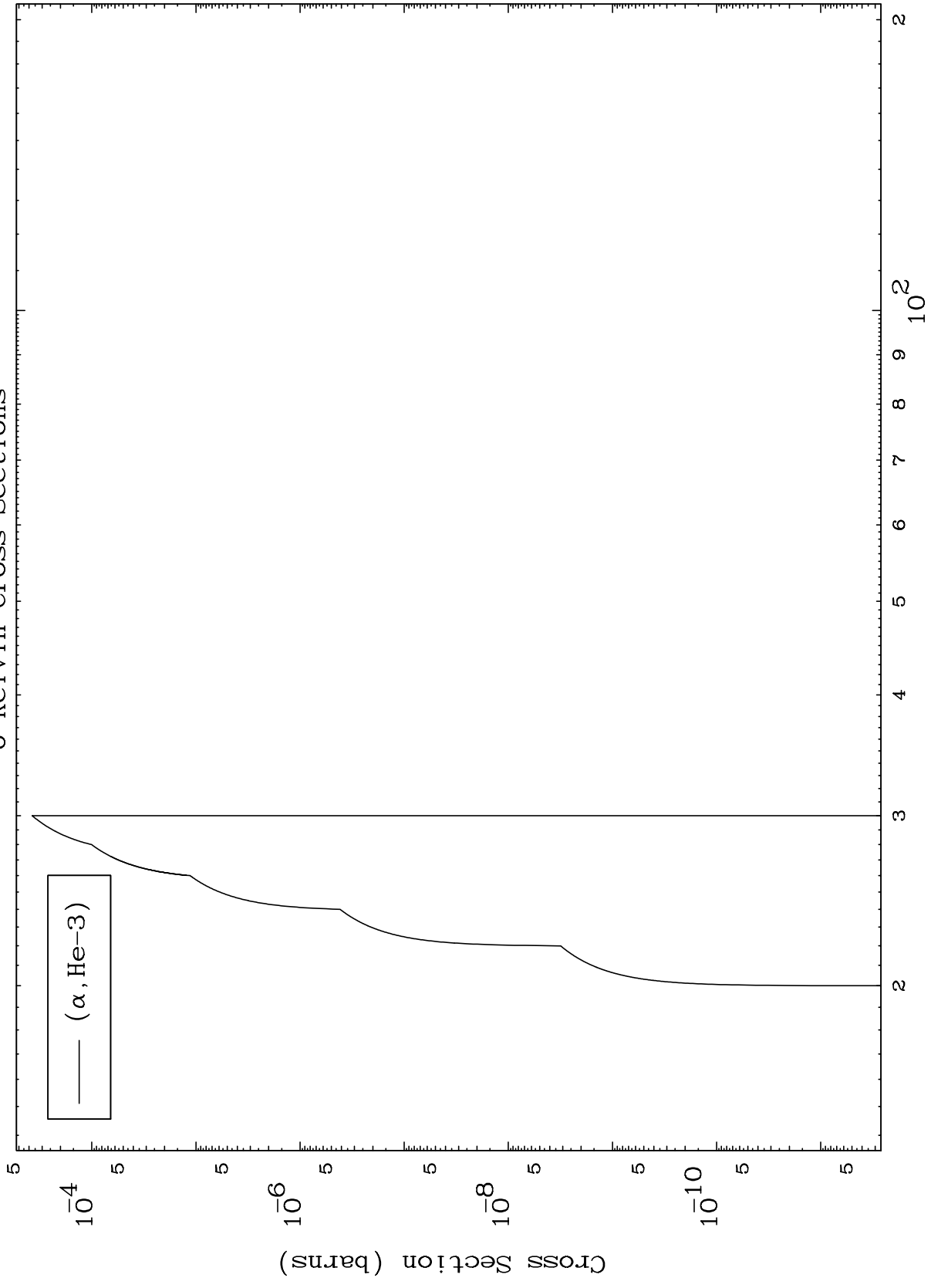
41-Nb-95



Incident Energy (MeV)

41-Nb-95

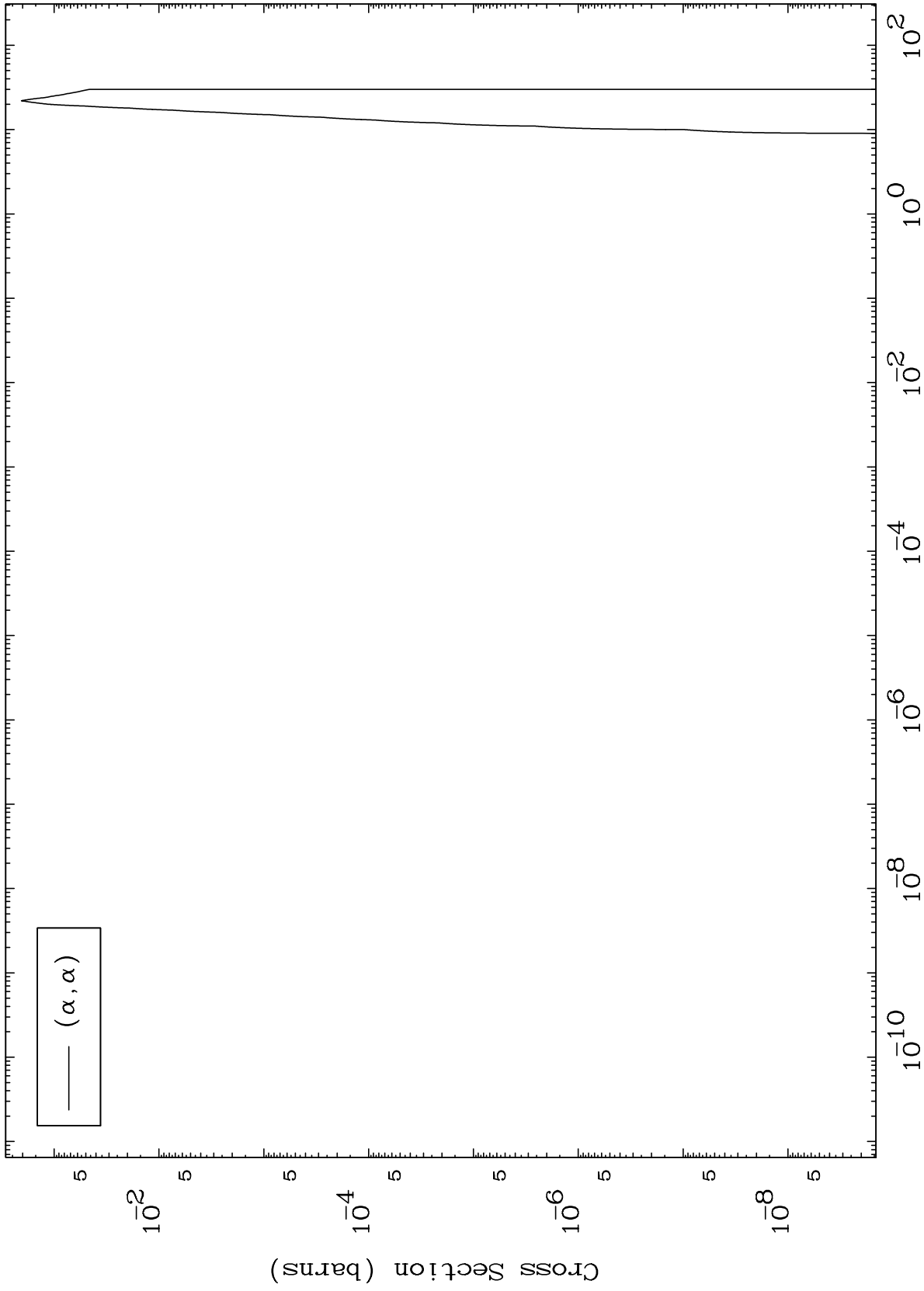




MAT 4132

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-95



10

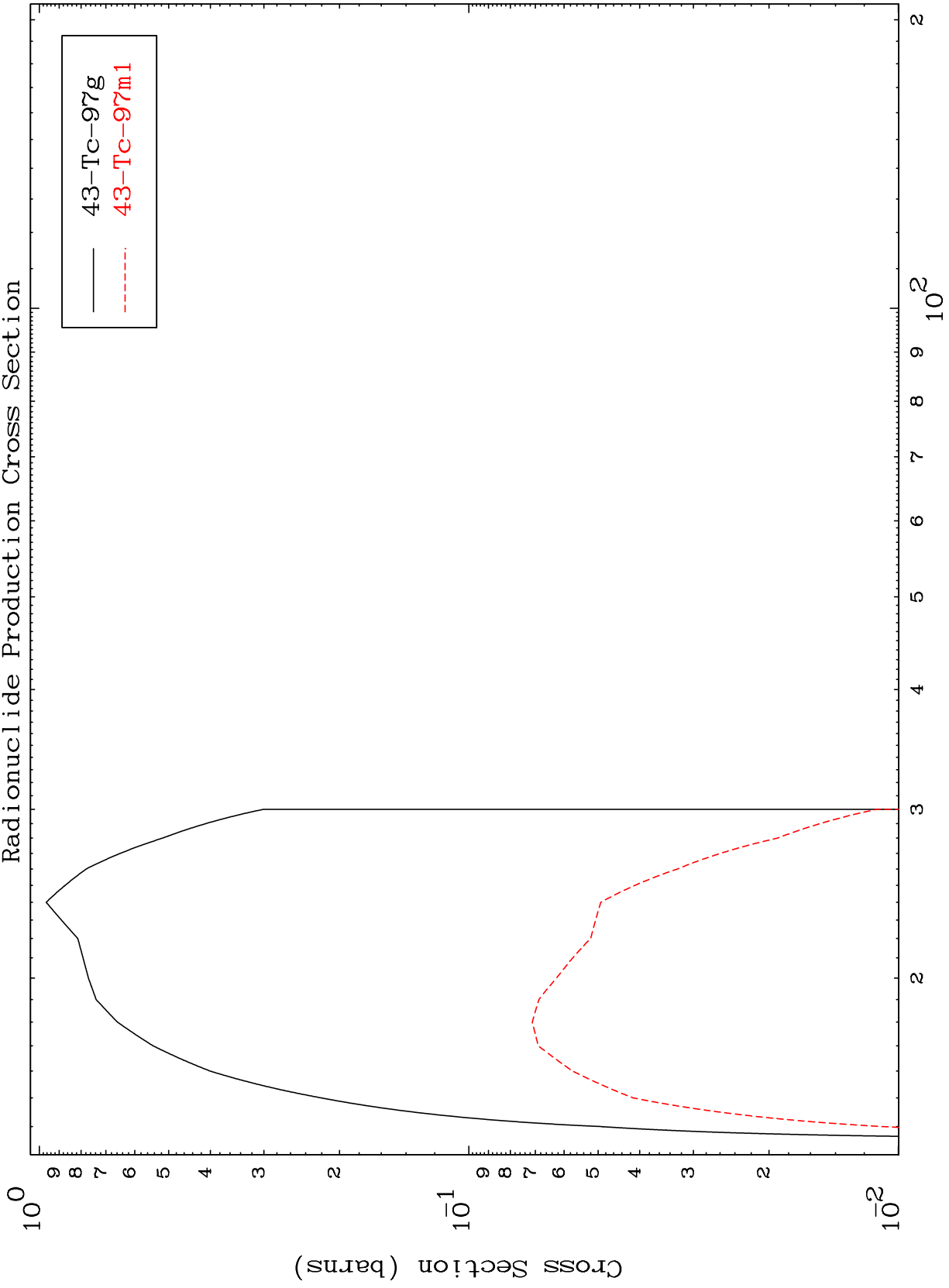
Incident Energy (MeV)

41-Nb-95

MAT 4132

41-Nb-95

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



11

Incident Energy (MeV)

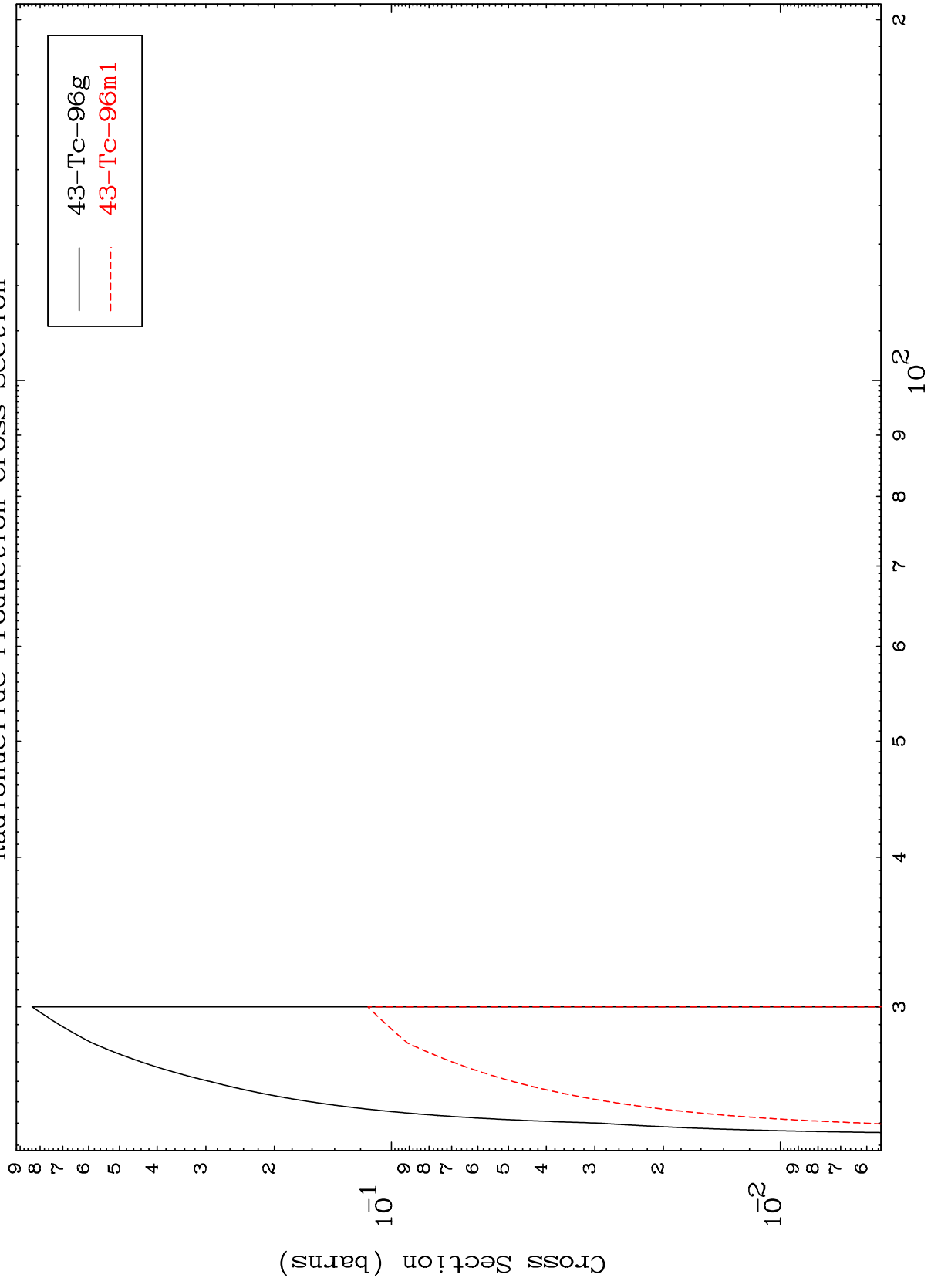
41-Nb-95

MAT 4132

($\alpha, 3n$)

41-Nb-95

Radionuclide Production Cross Section



12

Incident Energy (MeV)

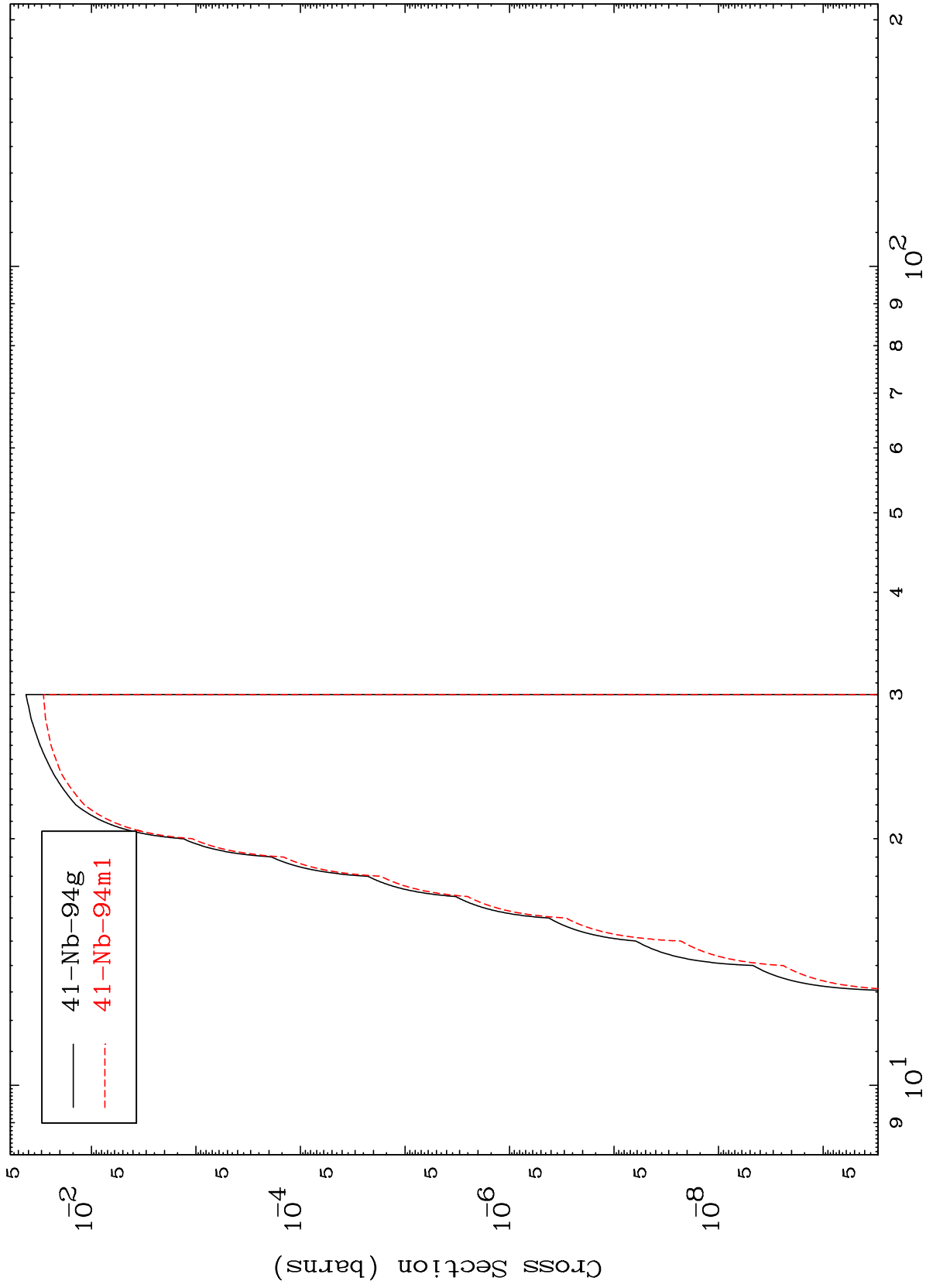
41-Nb-95

MAT 4132

(α, n') α

41-Nb-95

Radionuclide Production Cross Section



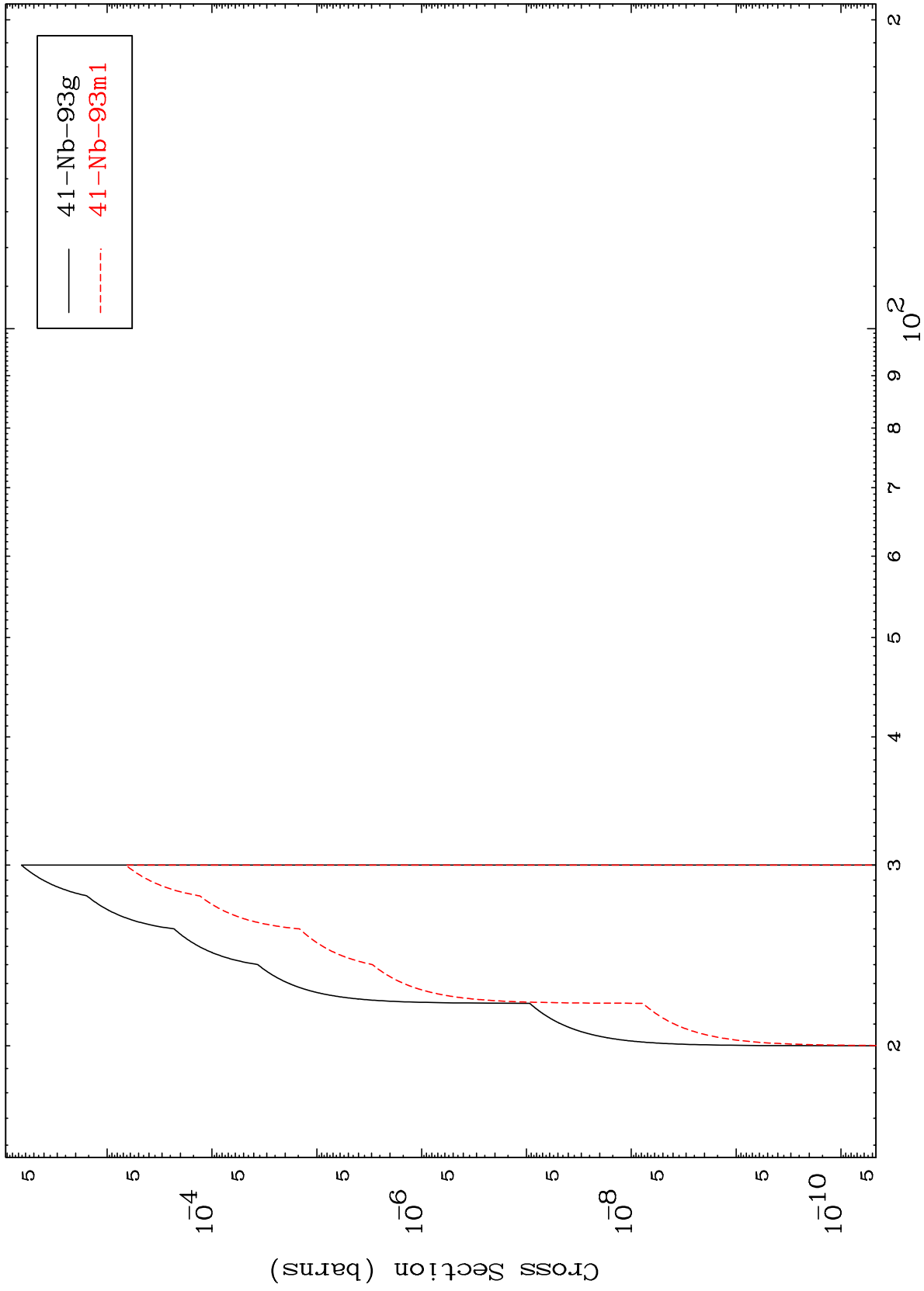
13

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$(\alpha, 2n) \alpha$

41-Nb-95

Radionuclide Production Cross Section



14

Incident Energy (MeV)

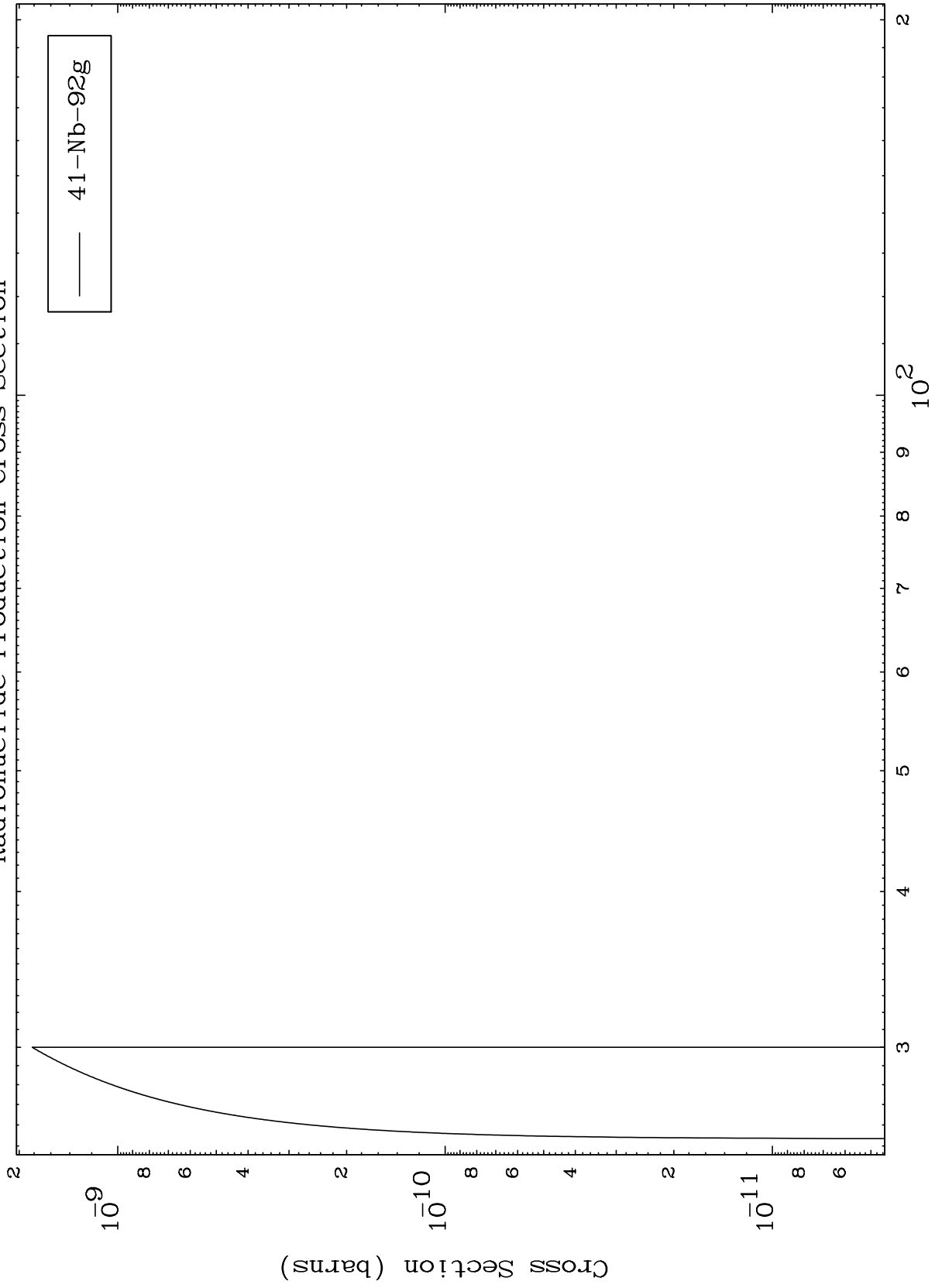
41-Nb-95

MAT 4132

$(\alpha, 3n) \alpha$

41-Nb-95

Radionuclide Production Cross Section



15

Incident Energy (MeV)

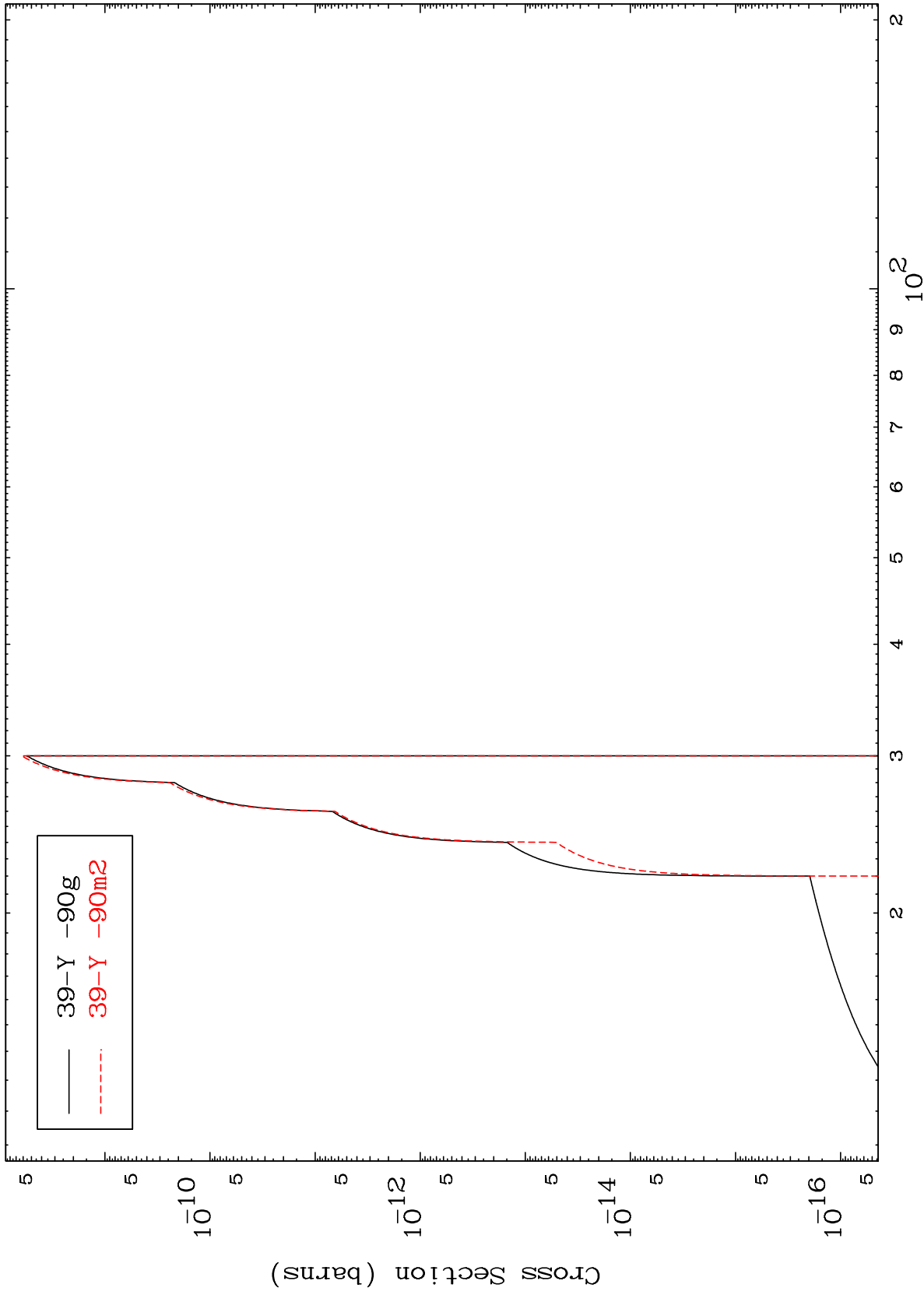
41-Nb-95

MAT 4132

(α, n') 2α

41-Nb-95

Radionuclide Production Cross Section



16

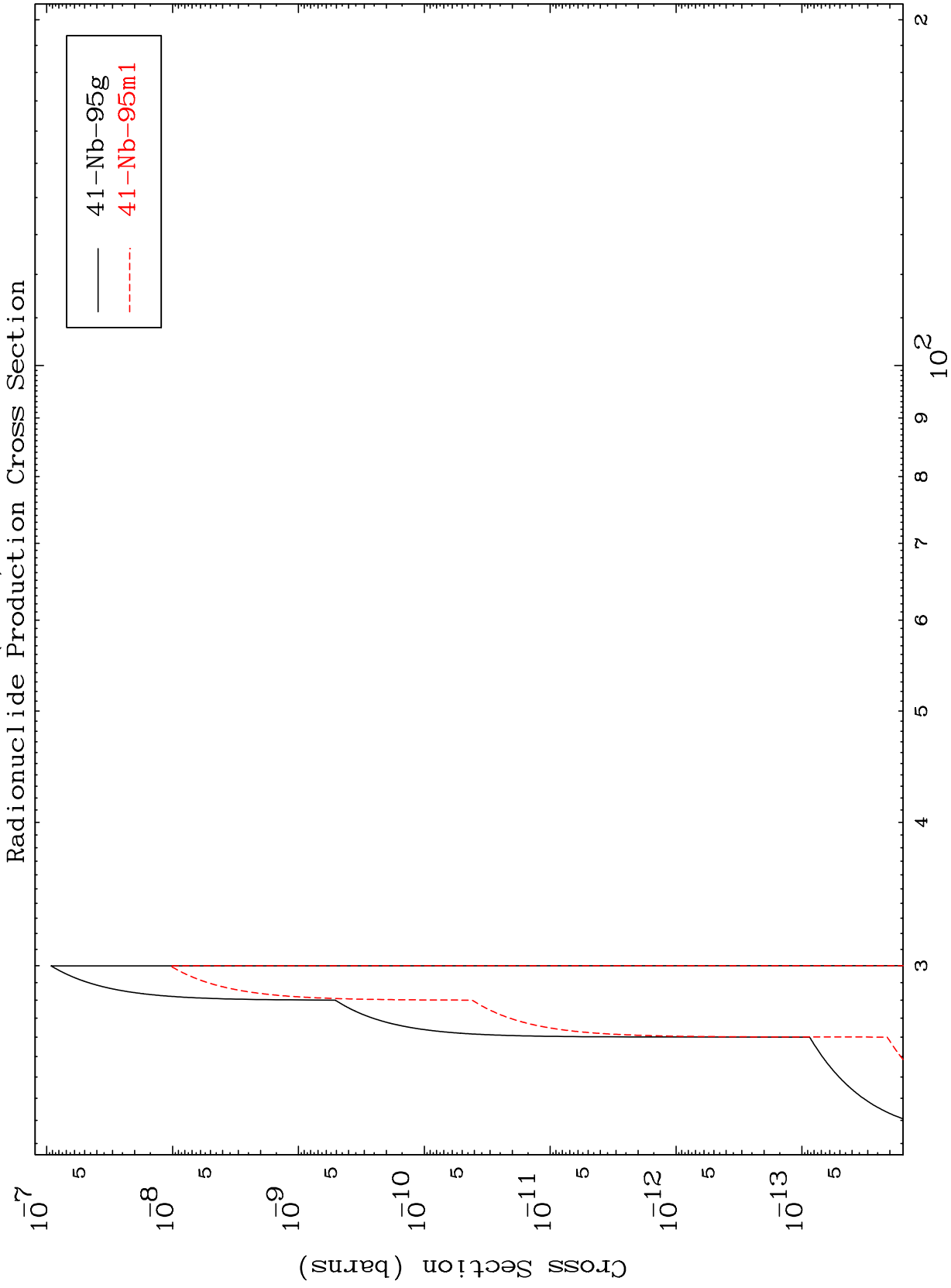
Incident Energy (MeV)

41-Nb-95

MAT 4132

(α, n') He-3

41-Nb-95



17

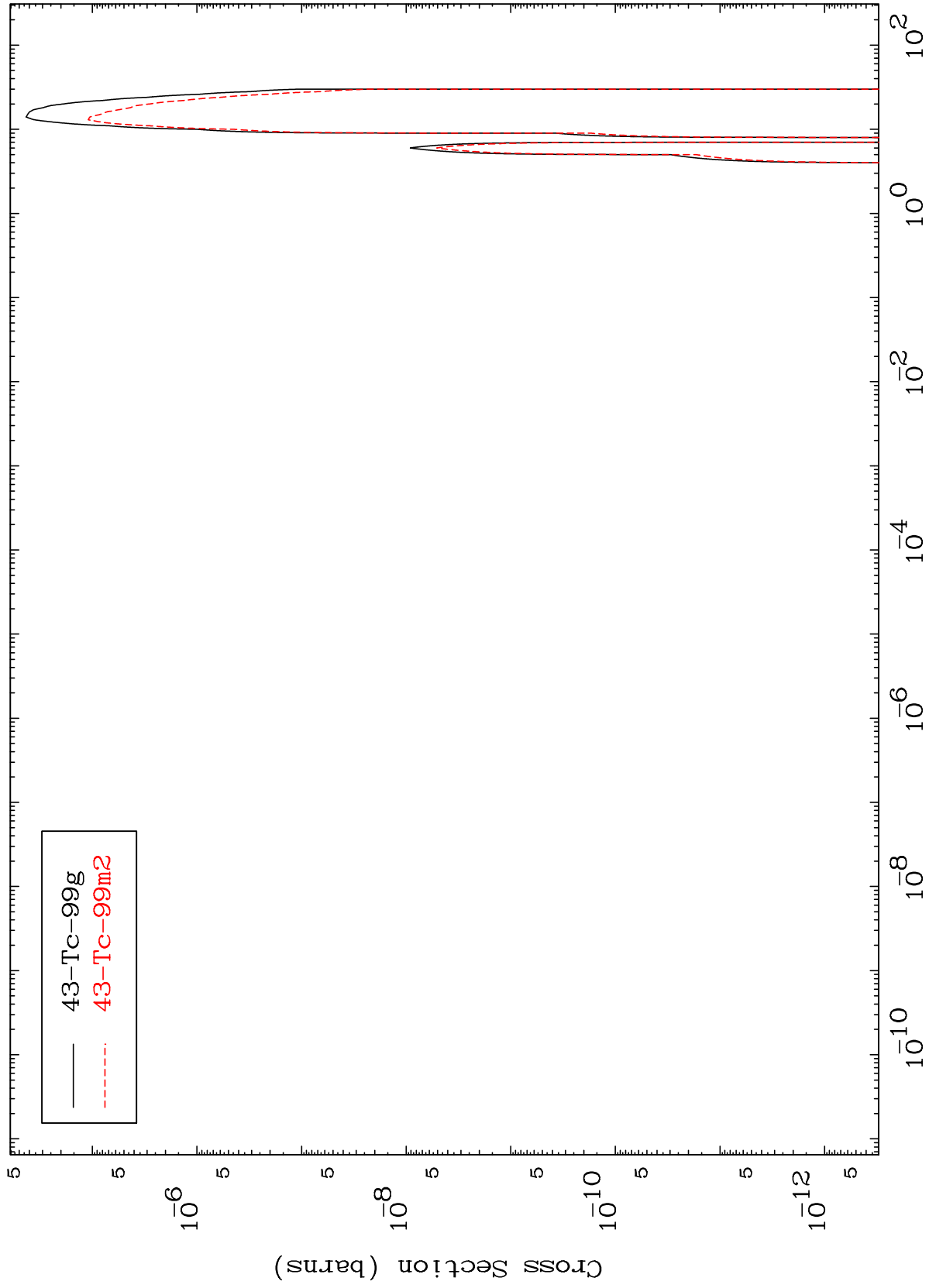
Incident Energy (MeV)

41-Nb-95

MAT 4132

Radionuclide Production Cross Section
(α, γ)

41-Nb-95



18

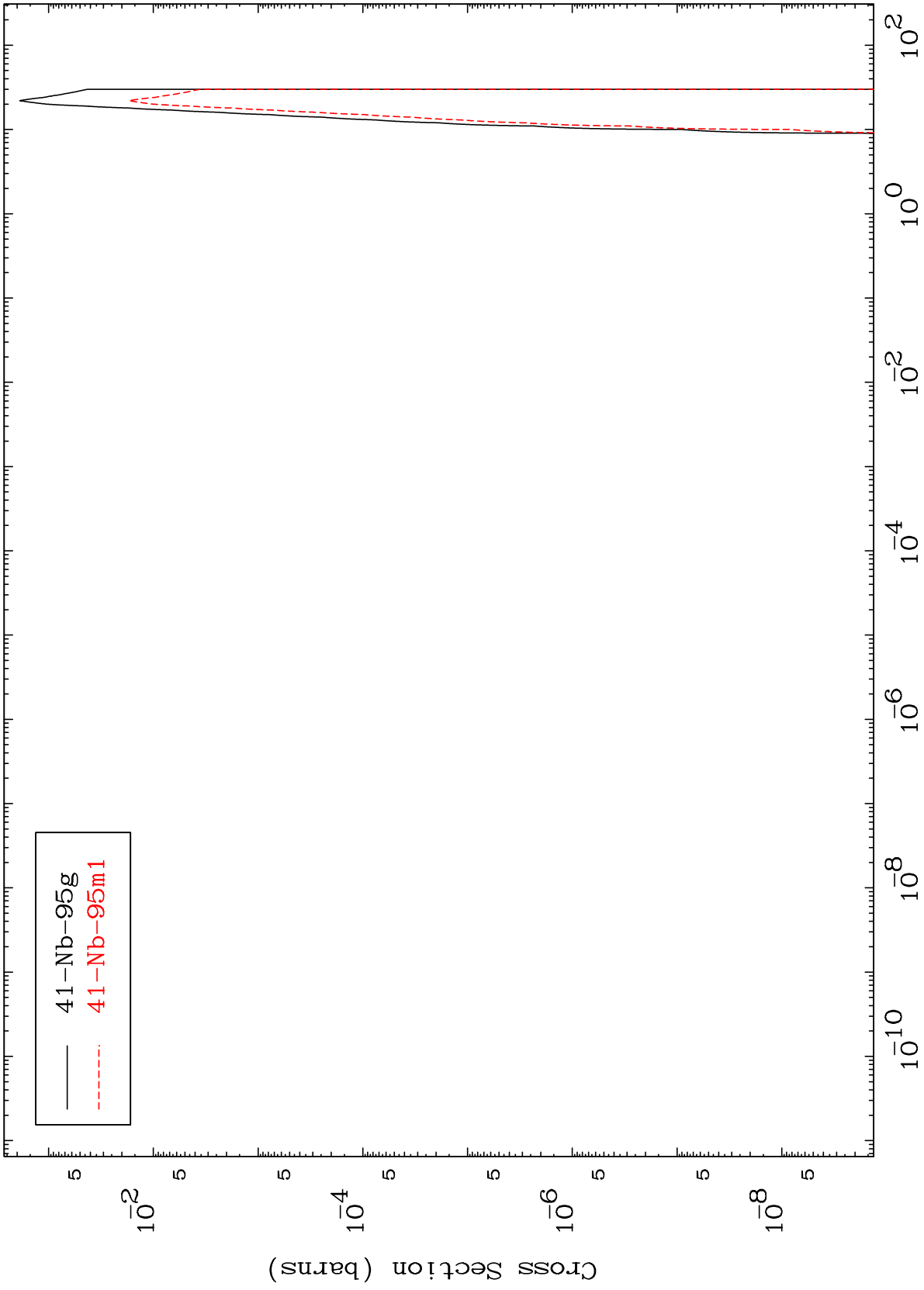
Incident Energy (MeV)

41-Nb-95

MAT 4132

(α, α)
Radionuclide Production Cross Section

41-Nb-95



19

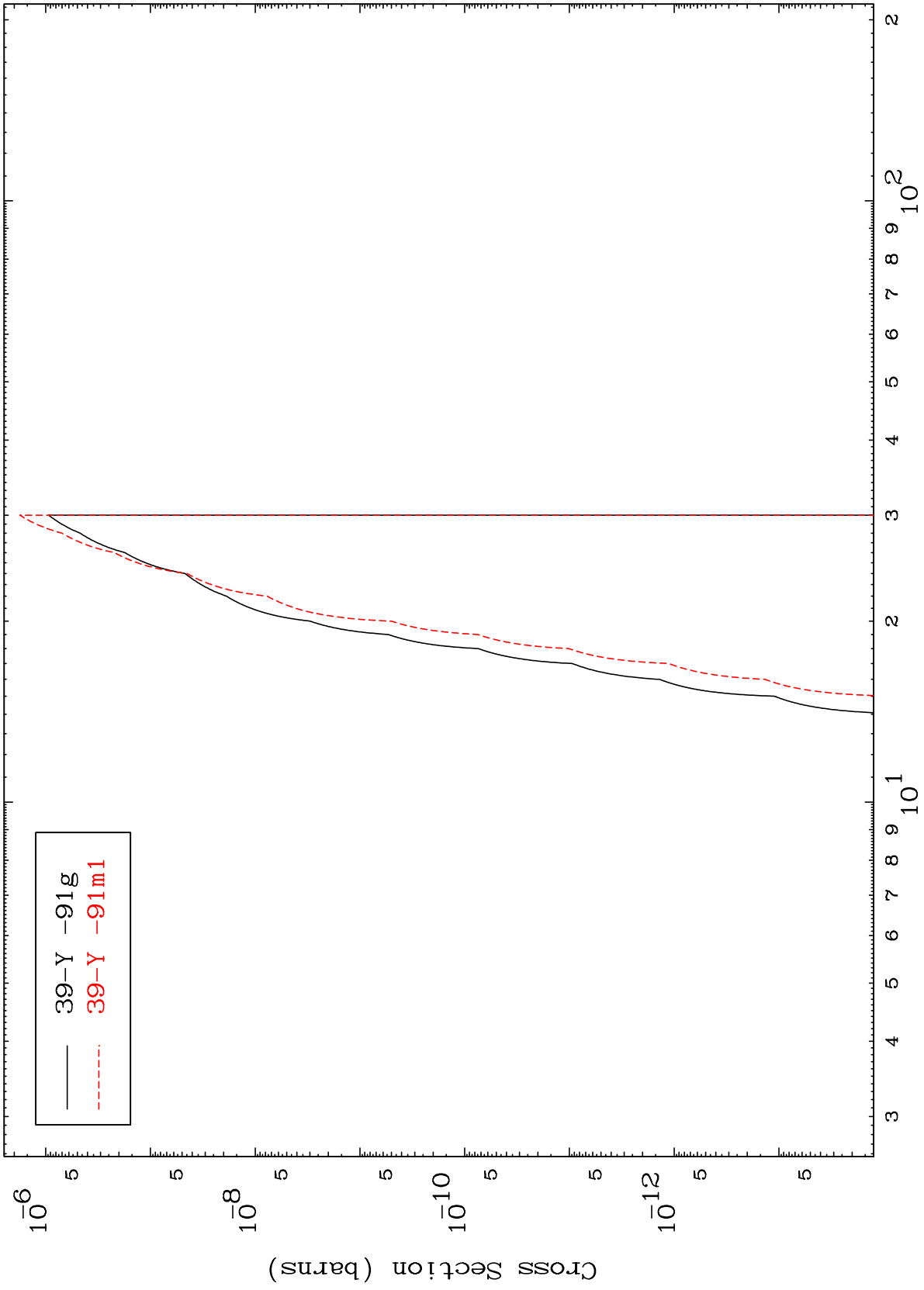
Incident Energy (MeV)

41-Nb-95

MAT 4132

41-Nb-95

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



— 39-Y -91g
- - - 39-Y -91m1

20

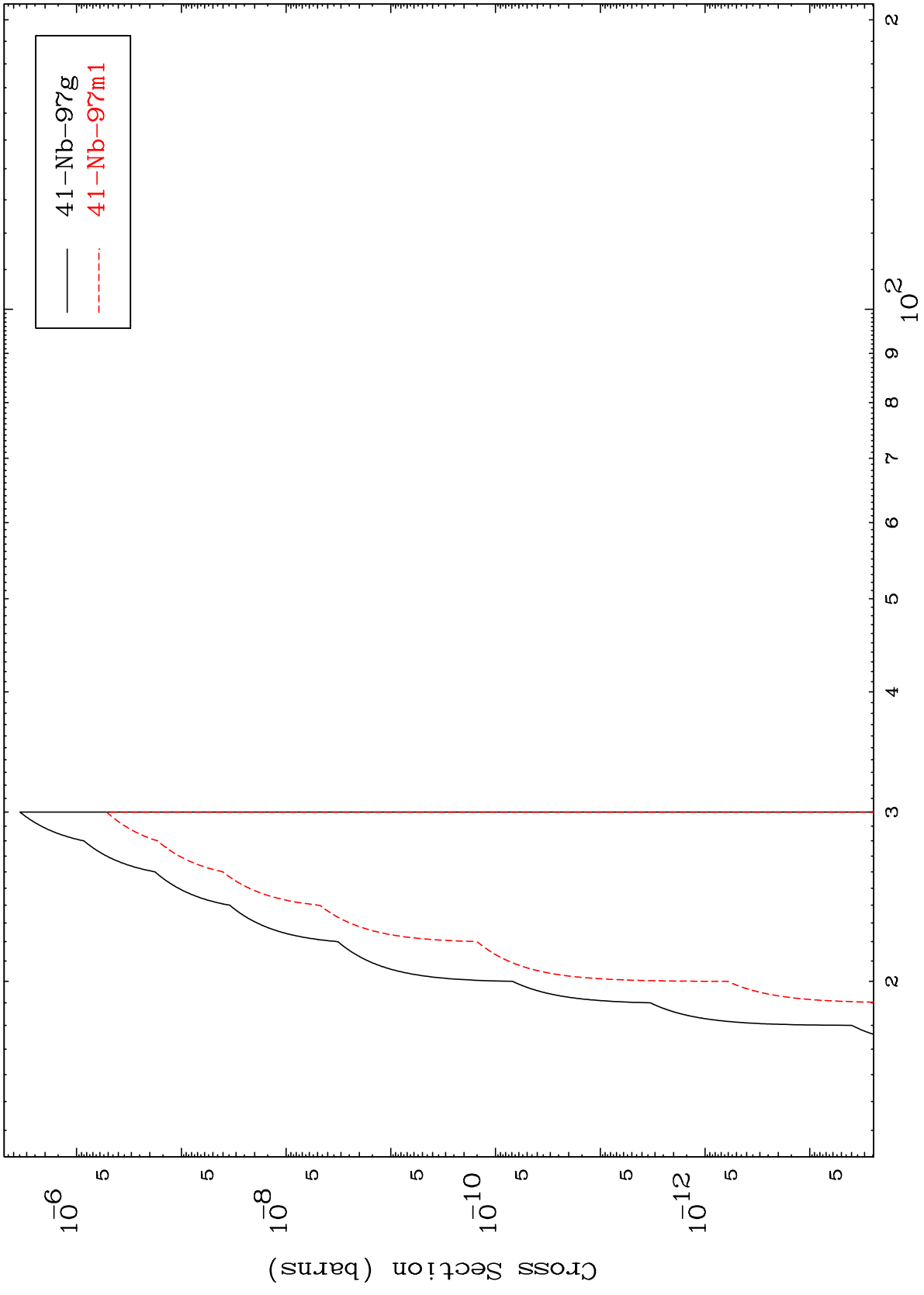
41-Nb-95

MAT 4132

($\alpha, 2p$)

41-Nb-95

Radionuclide Production Cross Section



21

Incident Energy (MeV)

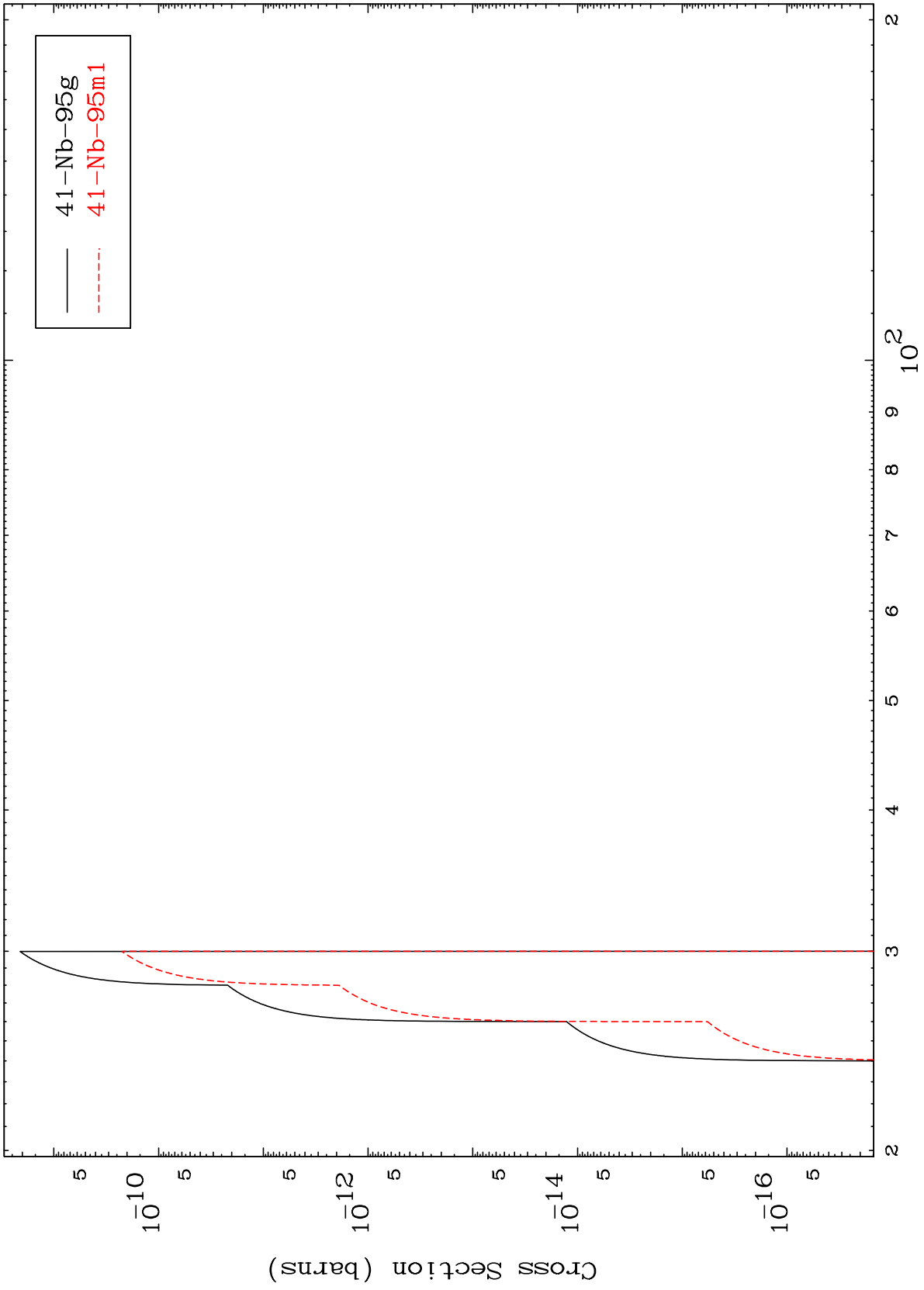
41-Nb-95

MAT 4132

(α, p) t

41-Nb-95

Radionuclide Production Cross Section



22

Incident Energy (MeV)

41-Nb-95