

Program EVALPLOT
(Version 2021-1)

by

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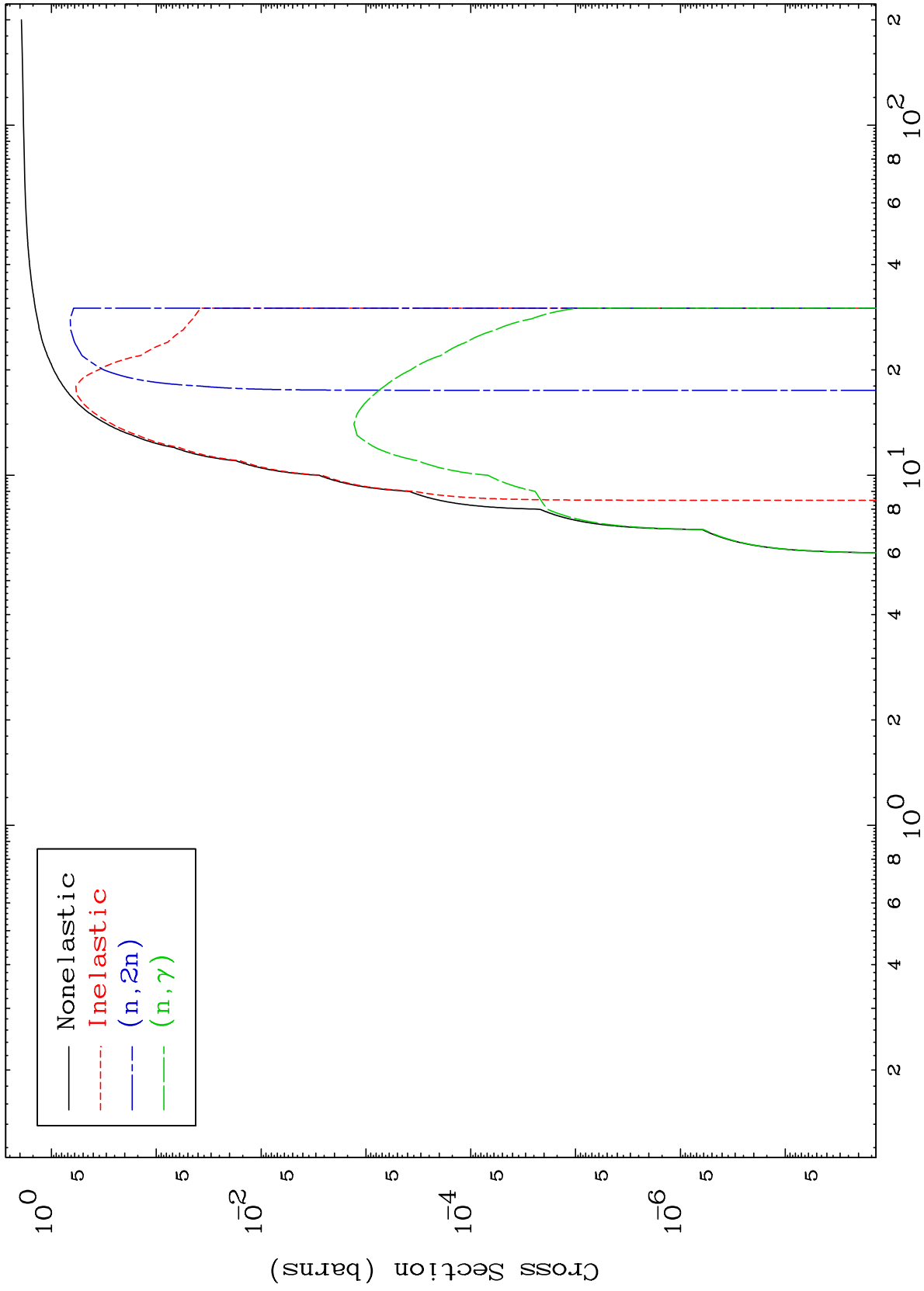
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4119

0 Kelvin α Major
Cross Sections

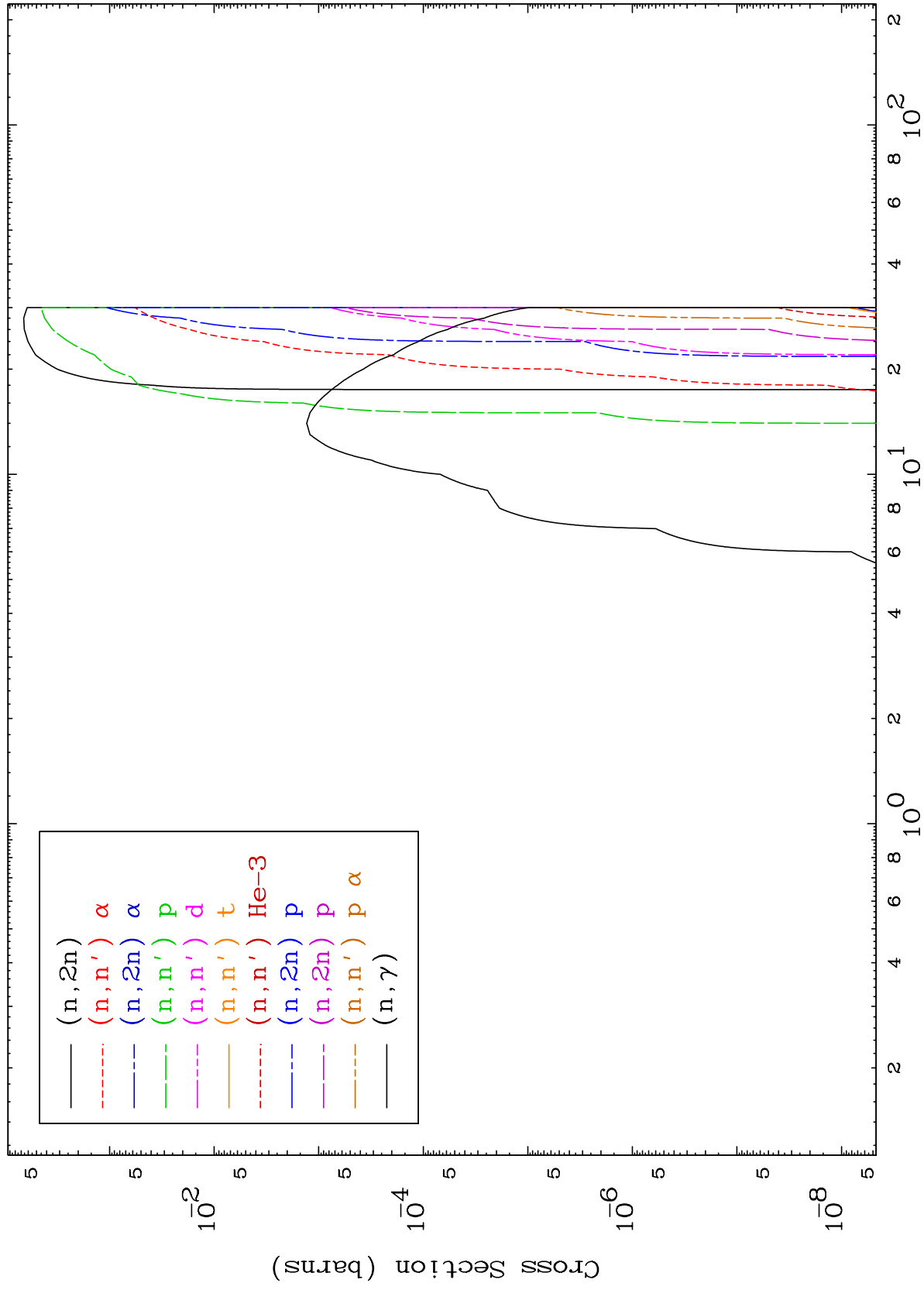
41-Nb-91



MAT 4119

α Neutron Absorption
0 Kelvin Cross Sections

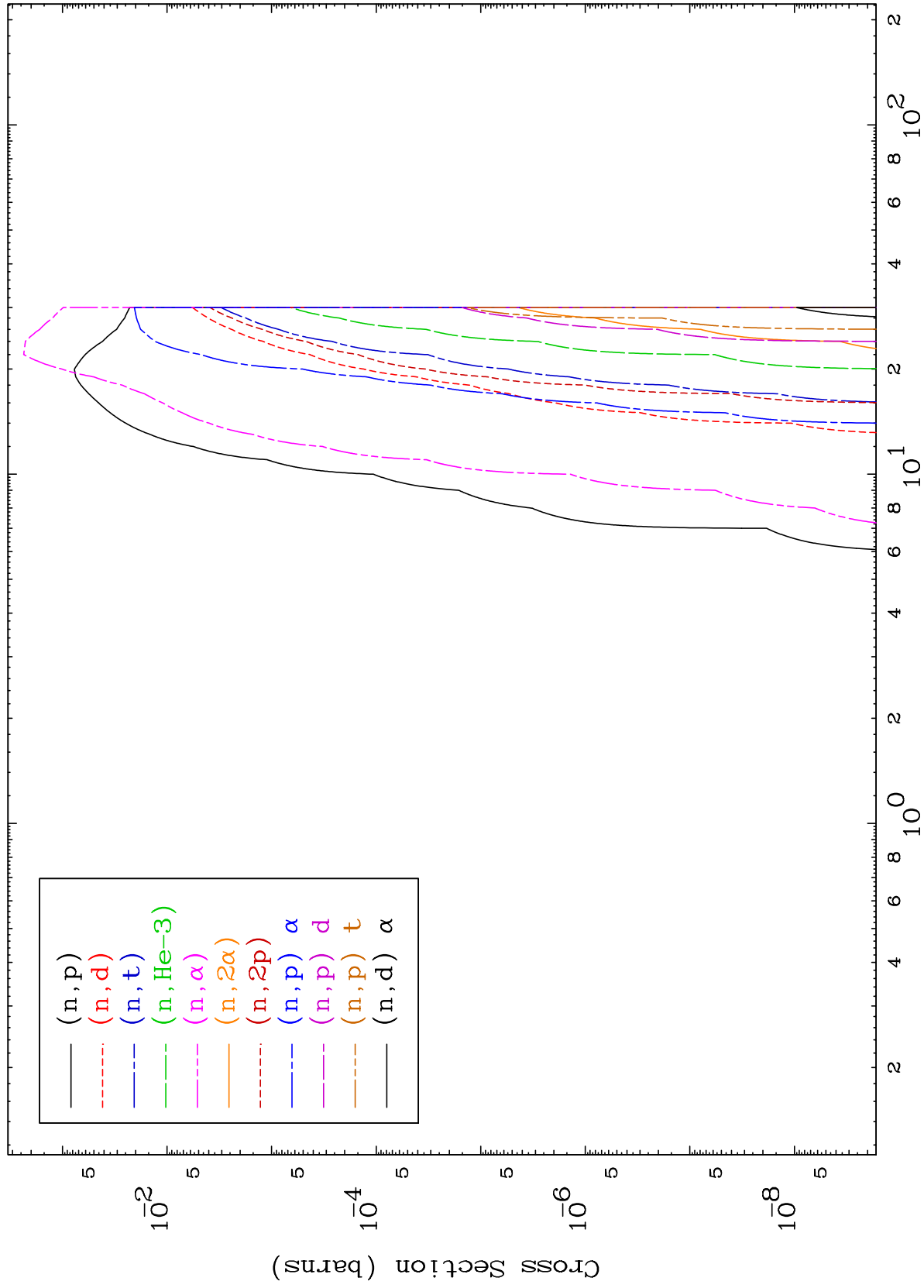
41-Nb-91

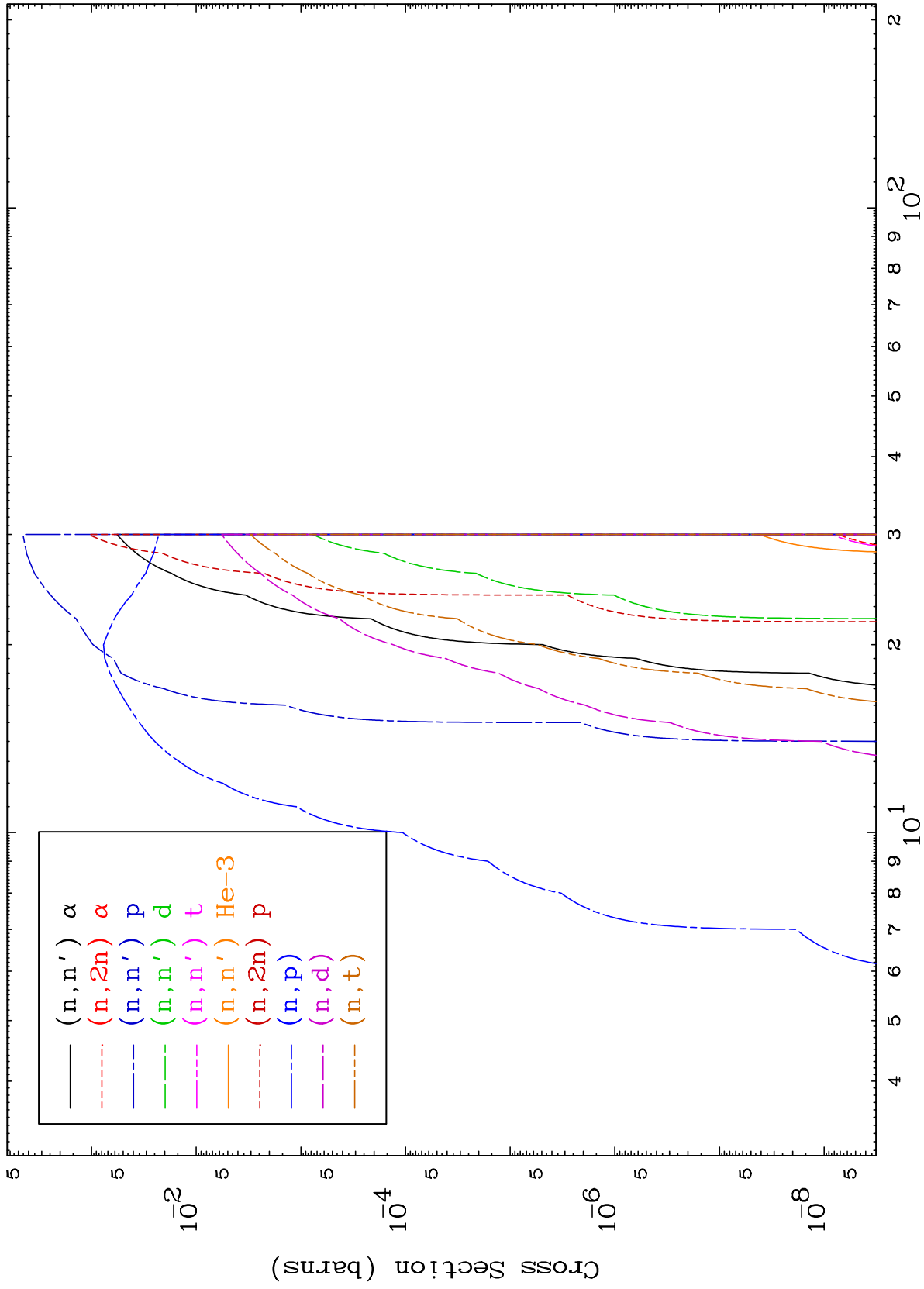


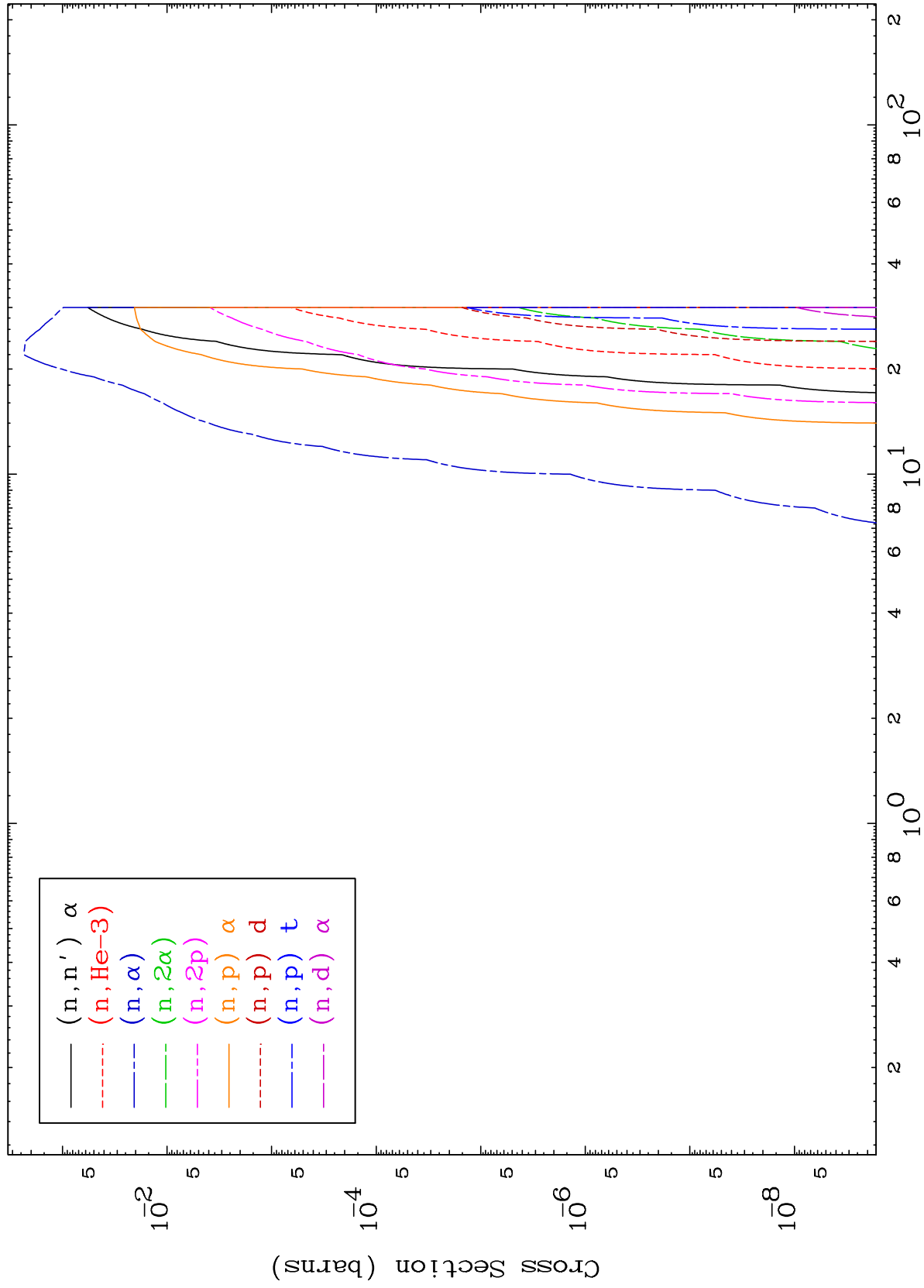
2

Incident Energy (MeV)

41-Nb-91



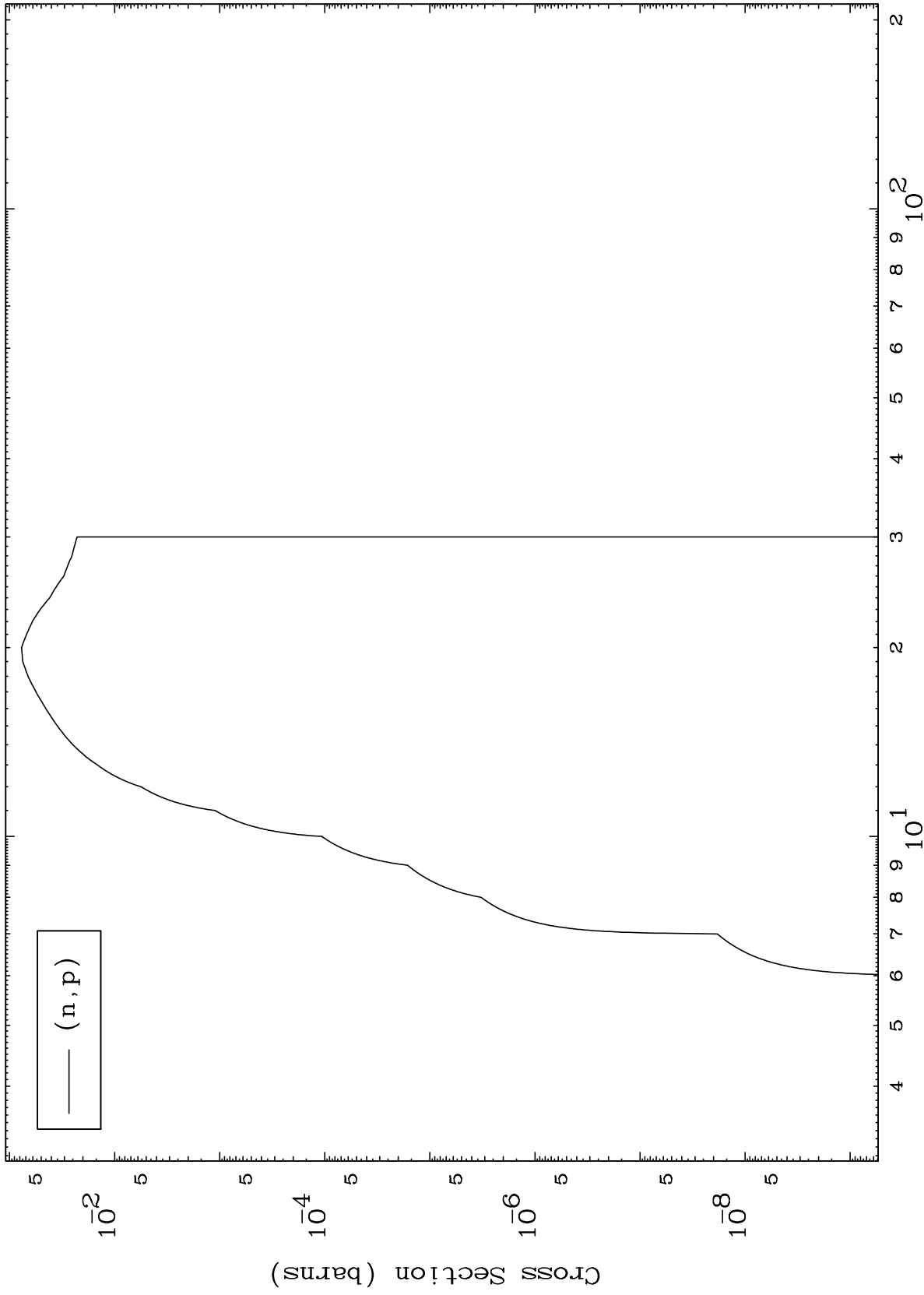




MAT 4119

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-91



6

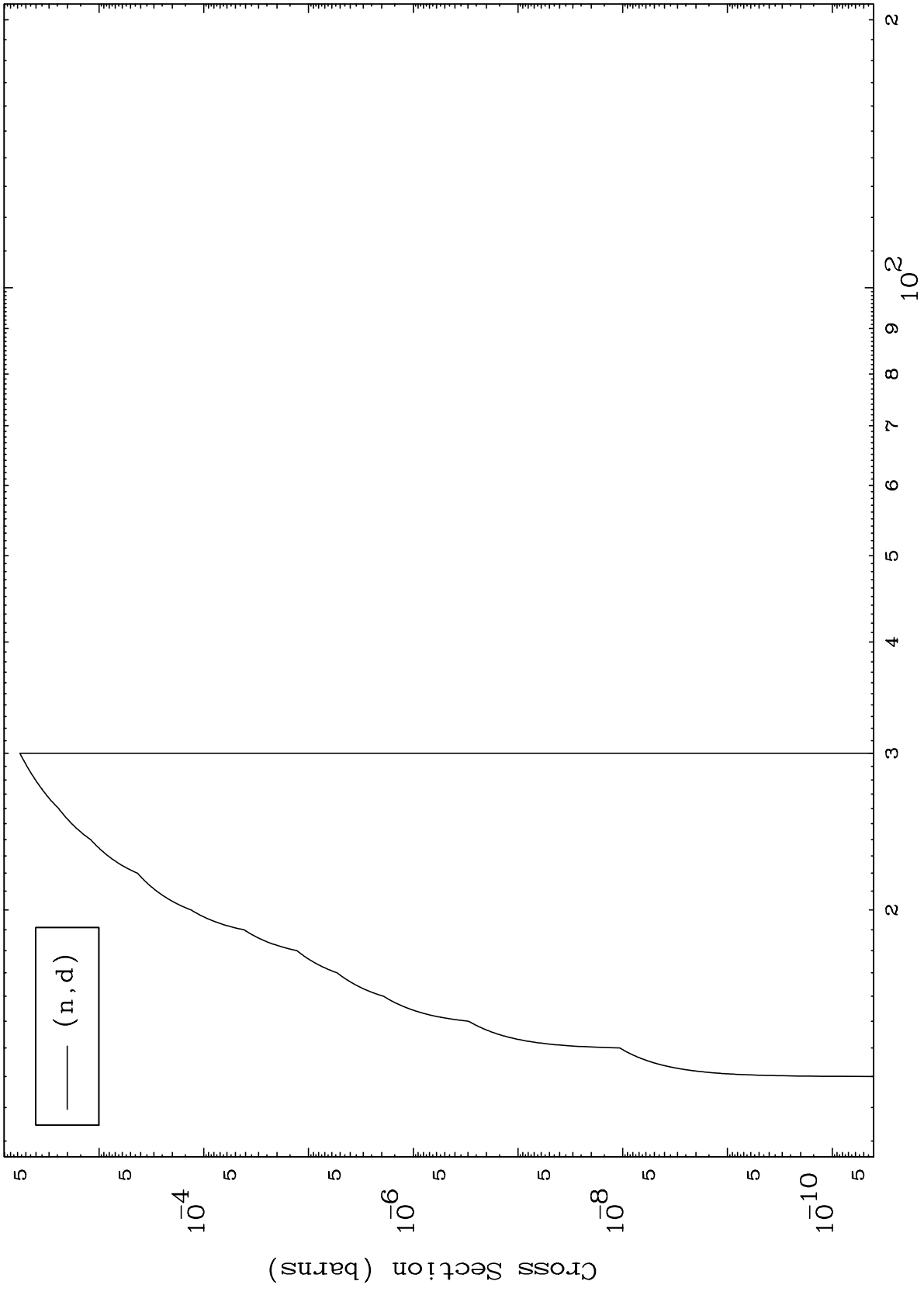
Incident Energy (MeV)

41-Nb-91

MAT 4119

(α, d) Levels
0 Kelvin Cross Sections

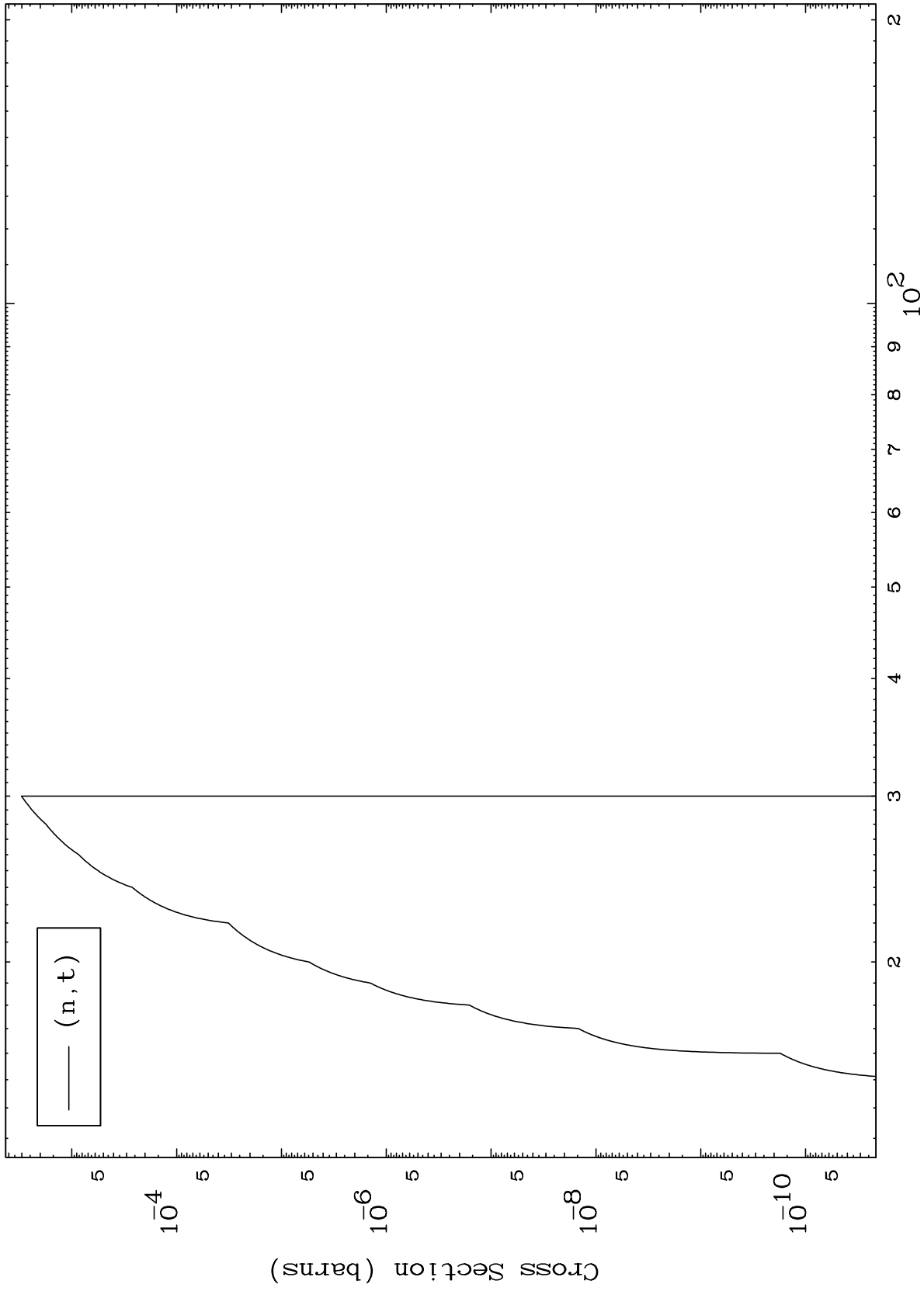
41-Nb-91

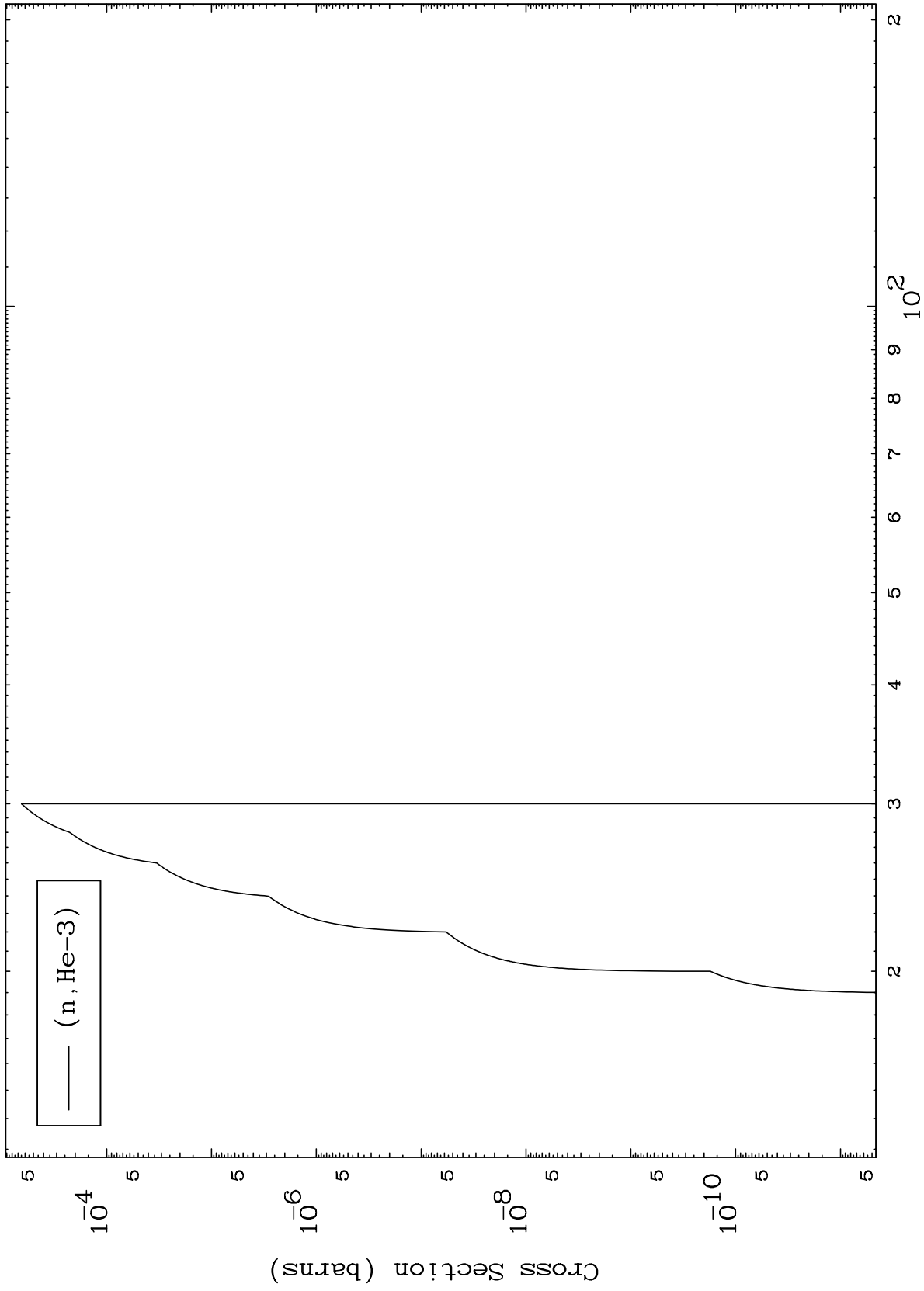


7

Incident Energy (MeV)

41-Nb-91

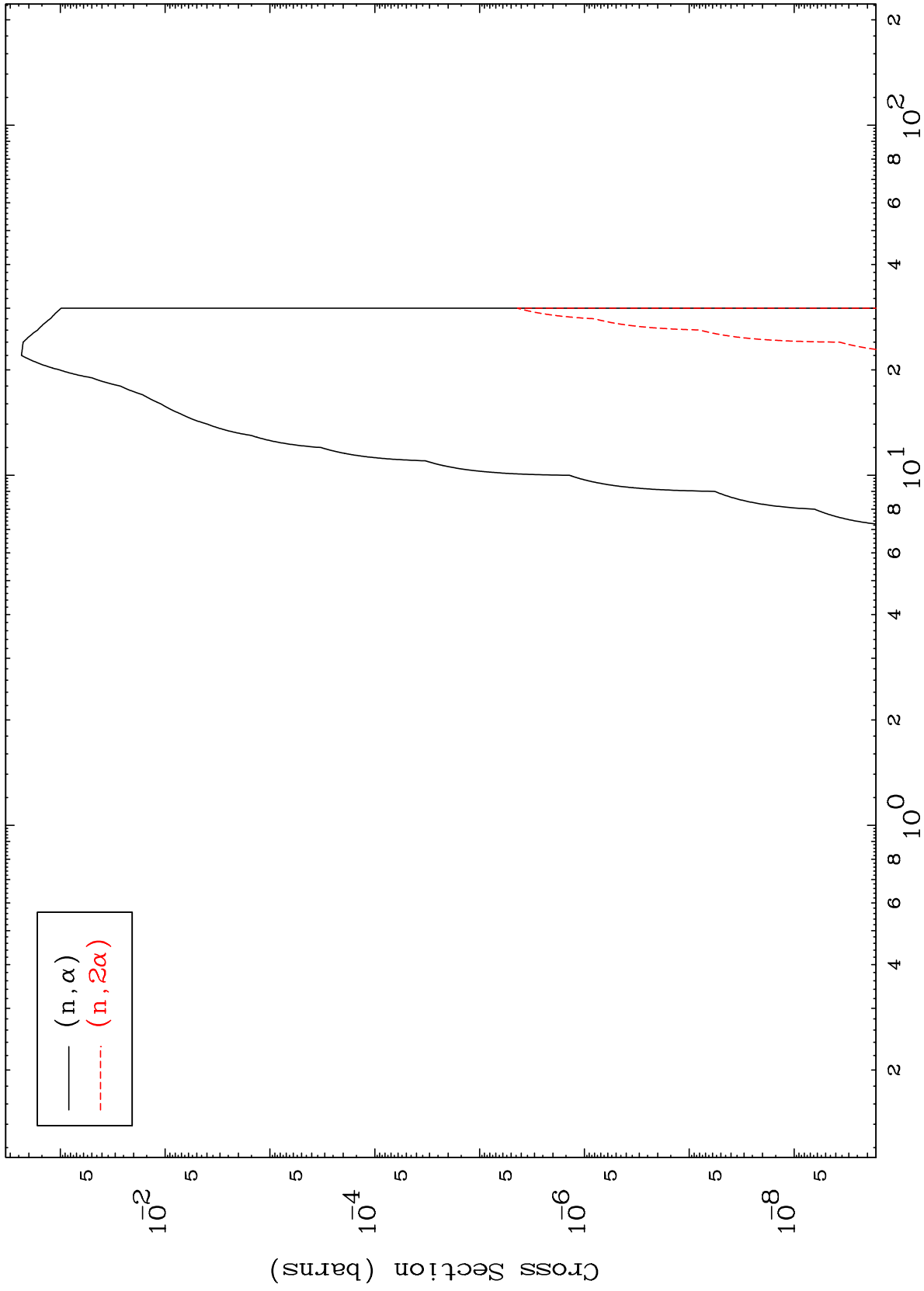




MAT 4119

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-91



10

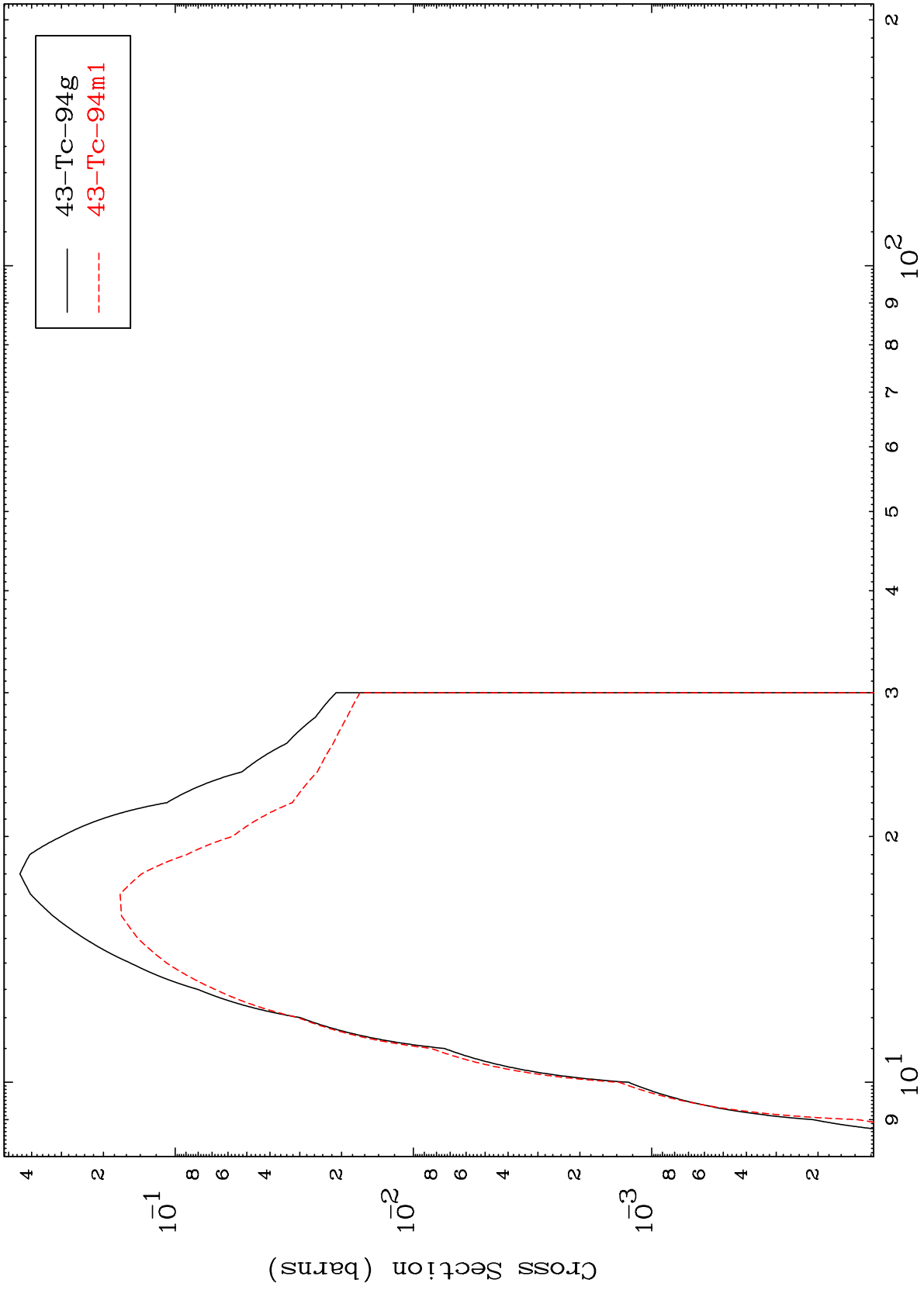
Incident Energy (MeV)

41-Nb-91

MAT 4119

Inelastic
Radionuclide Production Cross Section

41-Nb-91



11

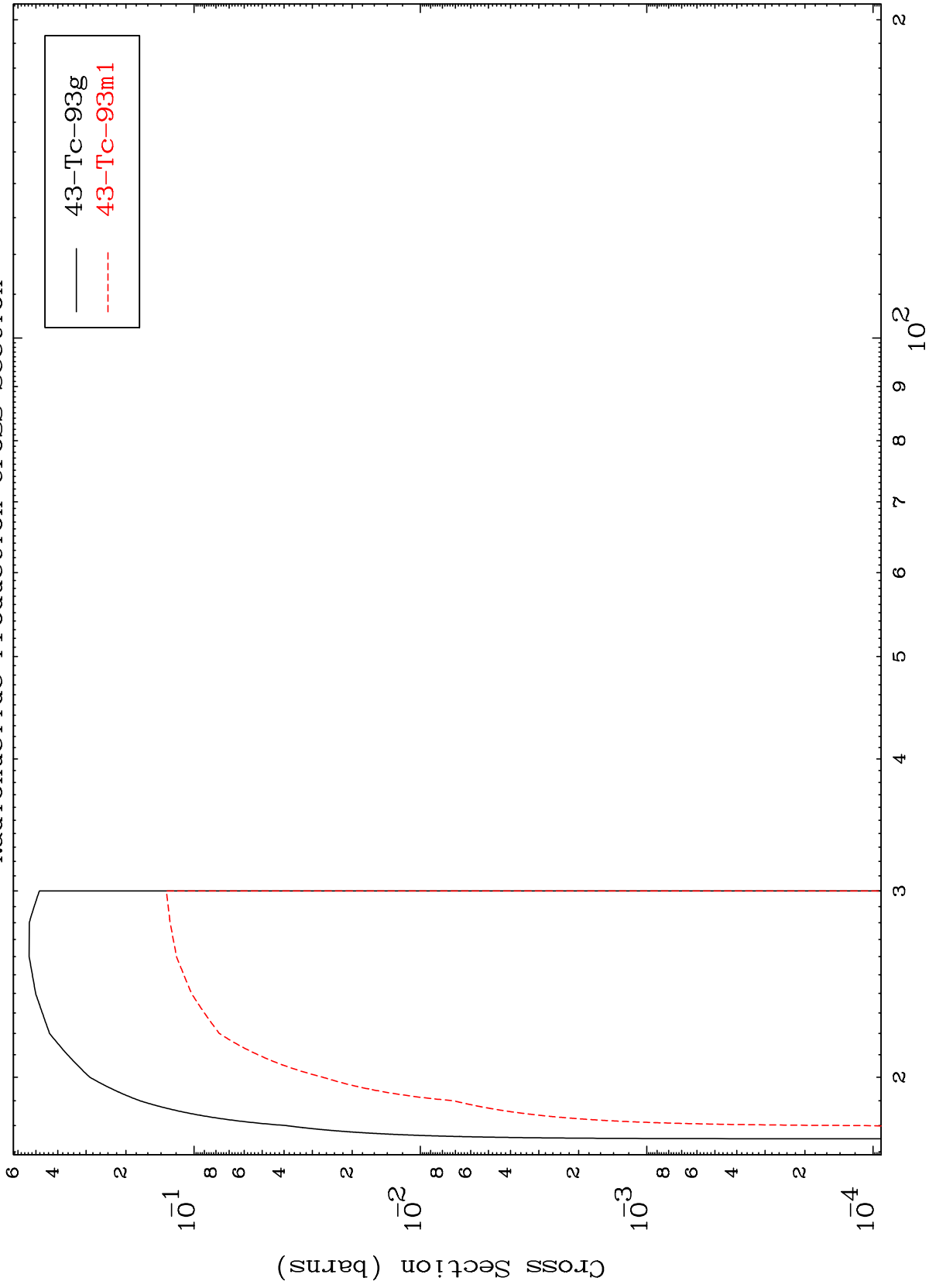
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,2n)
Radionuclide Production Cross Section



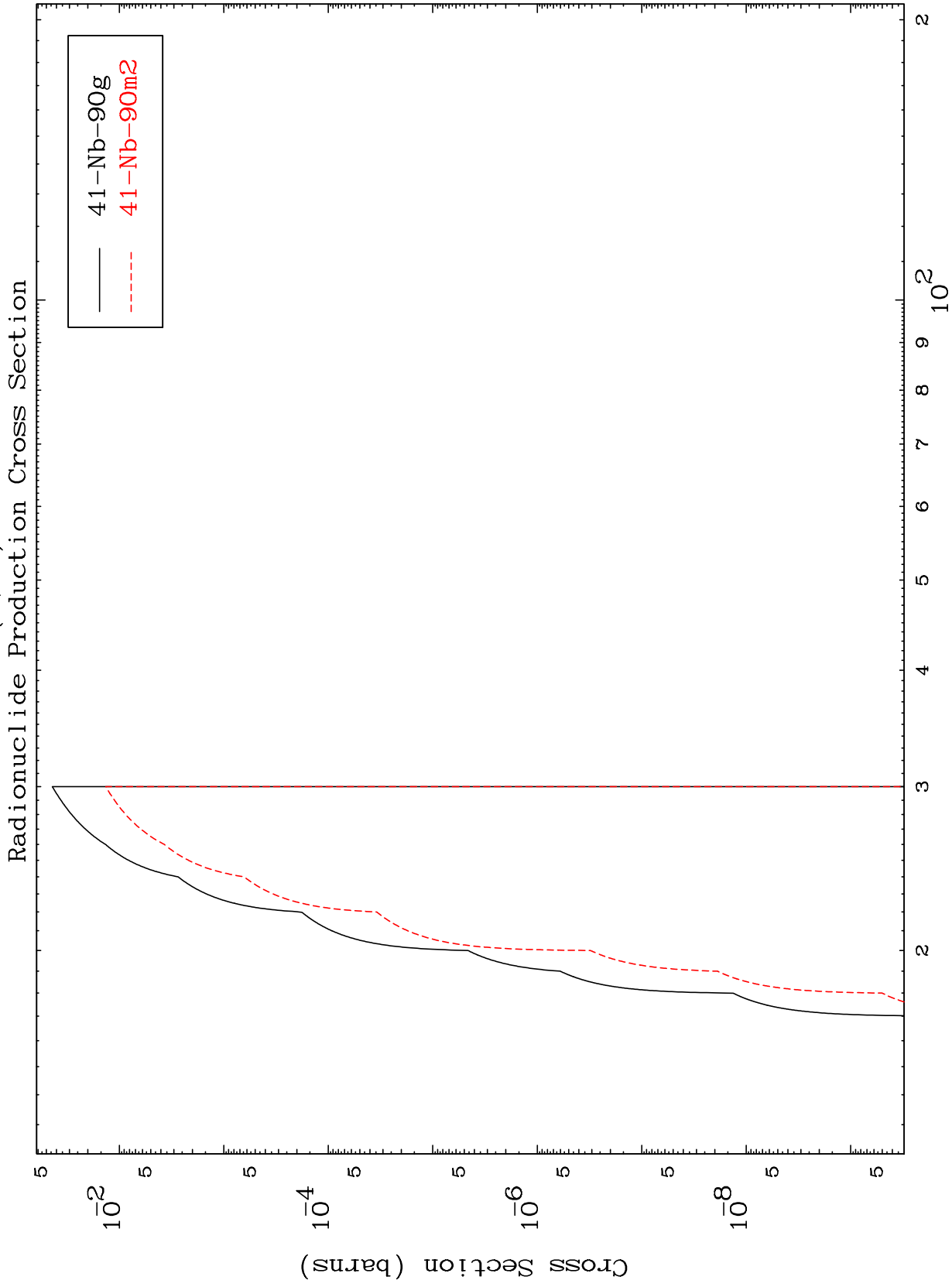
12

41-Nb-91

MAT 4119

(n,n') α

41-Nb-91



13

Incident Energy (MeV)

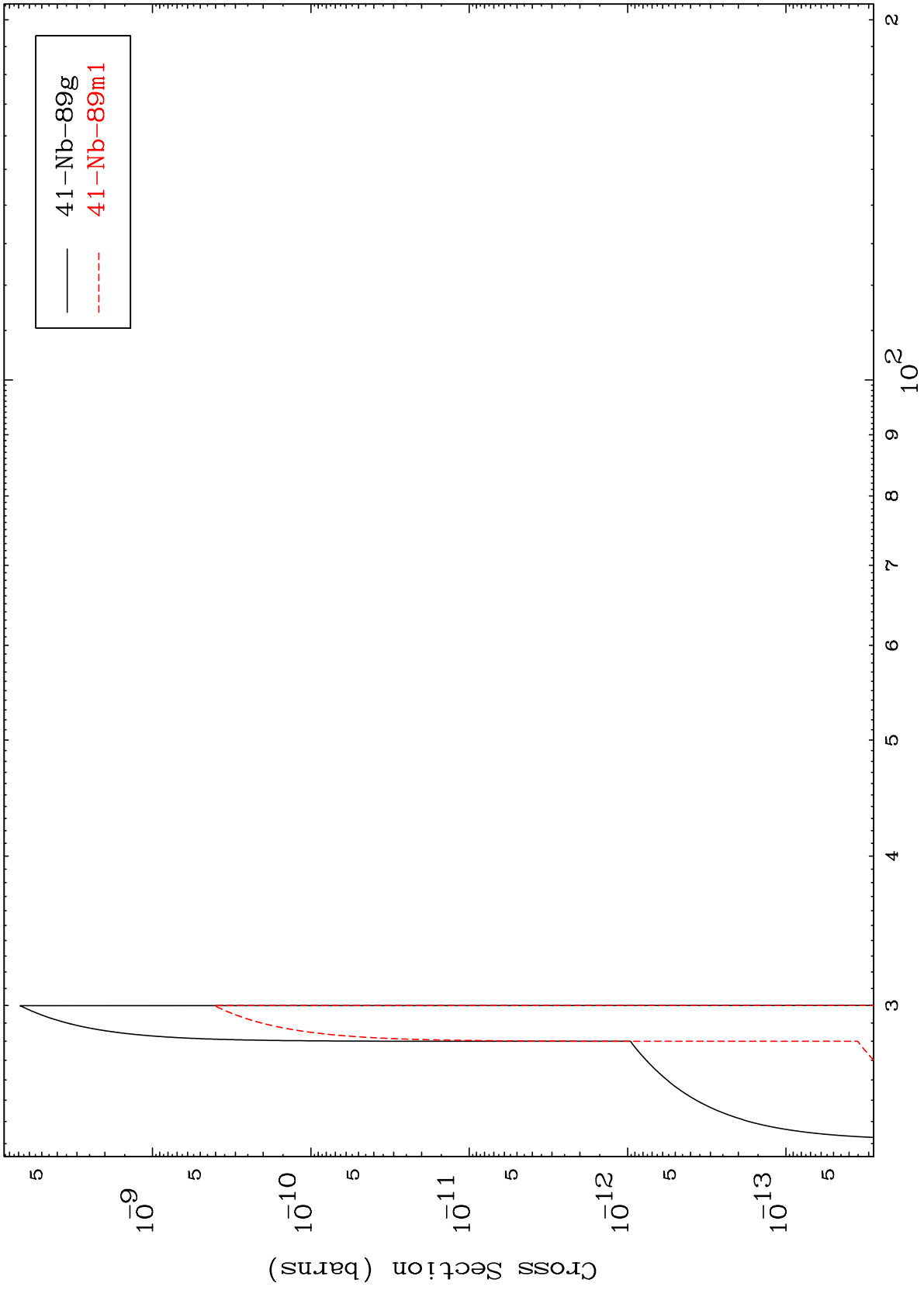
41-Nb-91

MAT 4119

(n,2n) α

41-Nb-91

Radionuclide Production Cross Section



14

Incident Energy (MeV)

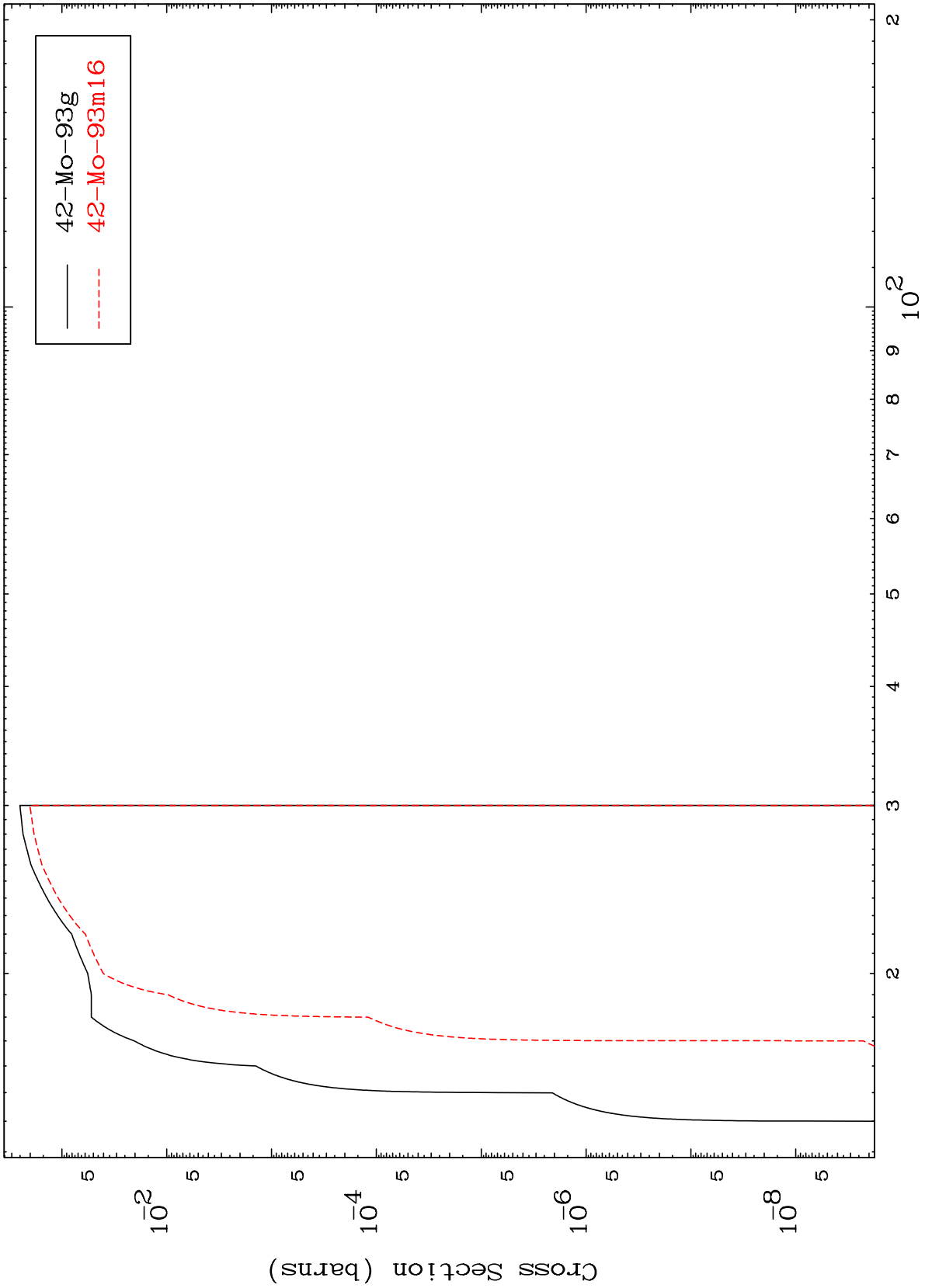
41-Nb-91

MAT 4119

(n,n') p

41-Nb-91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

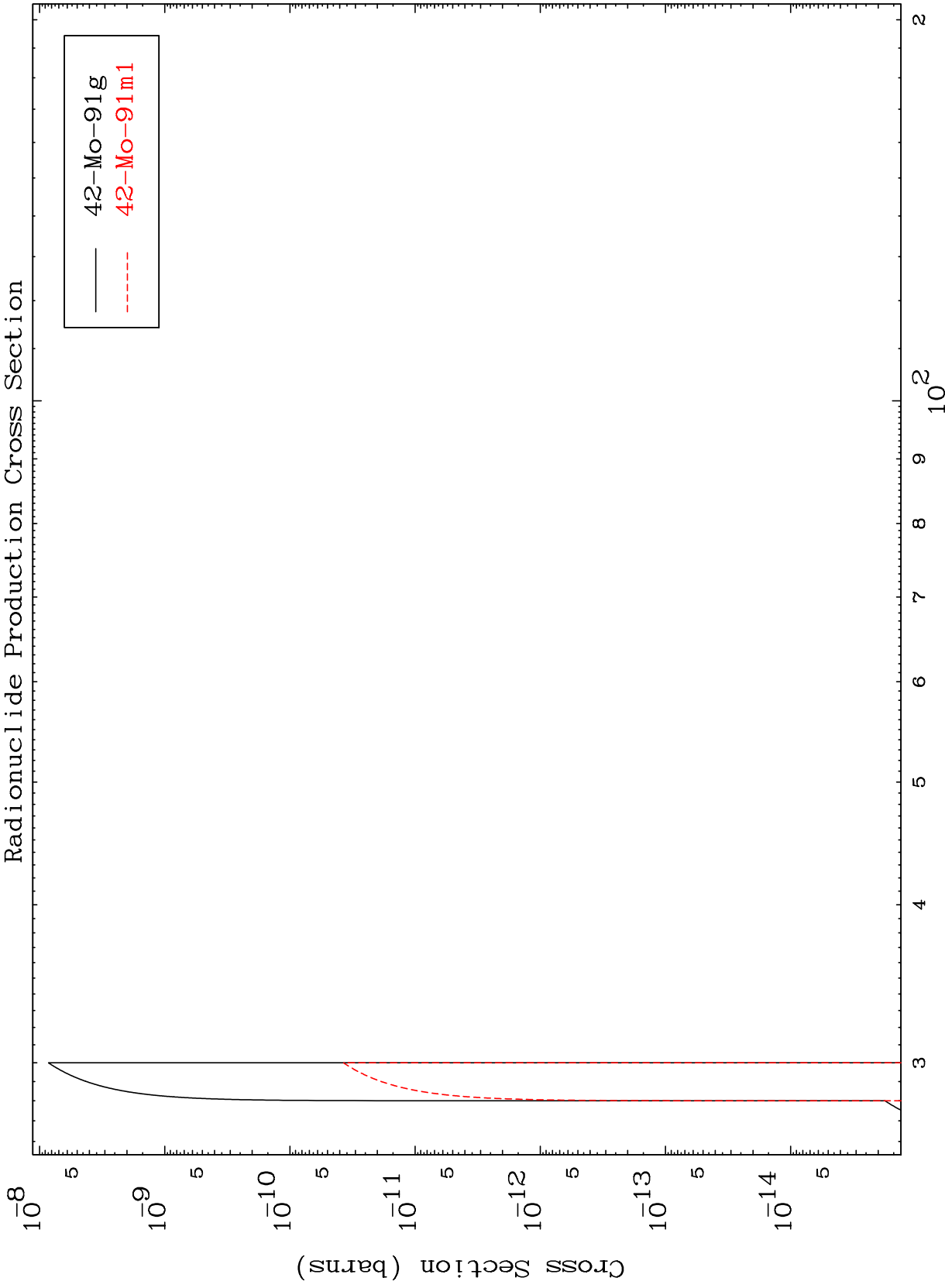
41-Nb-91

MAT 4119

(n,n') t

41-Nb-91

Radionuclide Production Cross Section



16

Incident Energy (MeV)

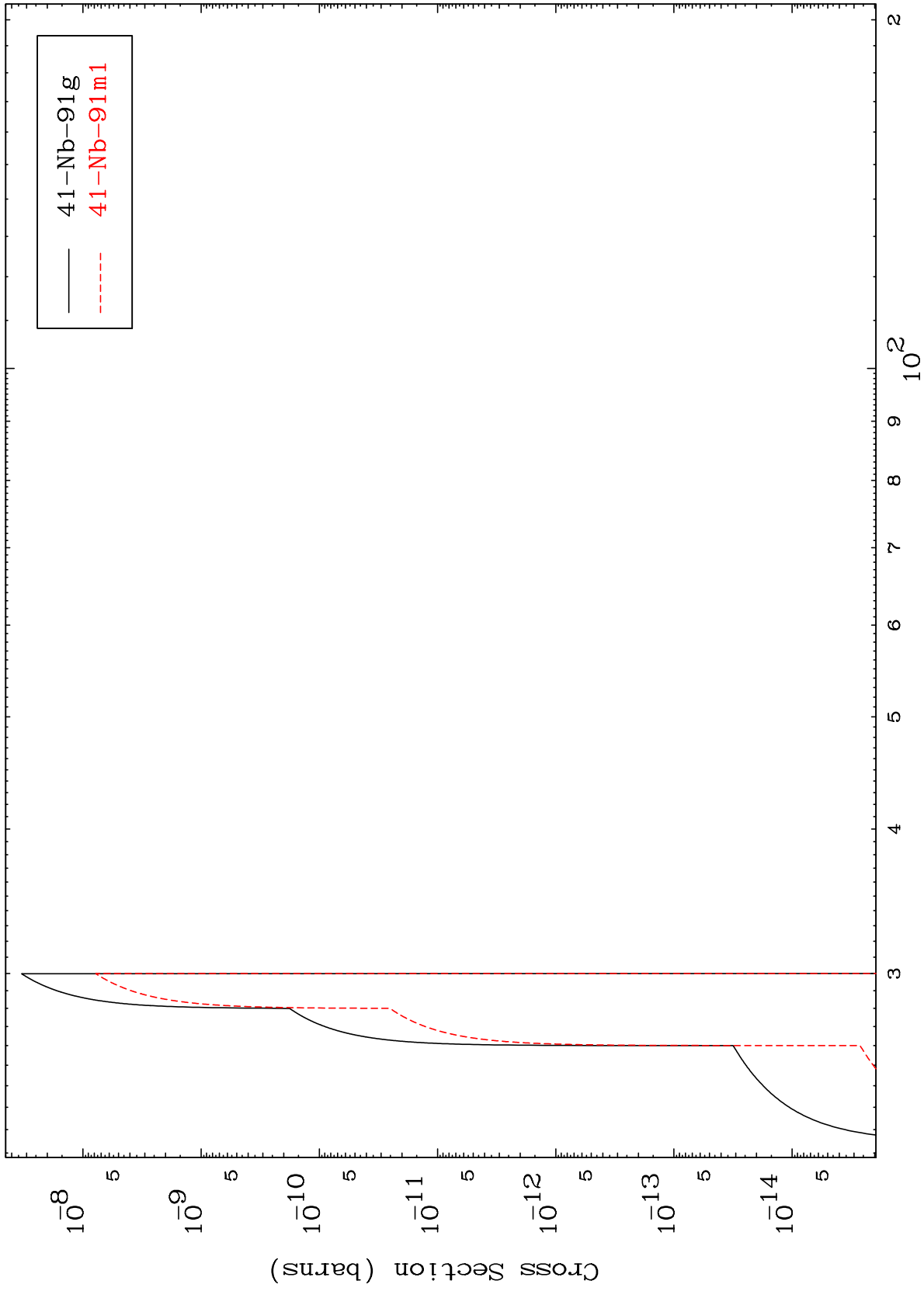
41-Nb-91

MAT 4119

(n, n') He-3

41-Nb-91

Radionuclide Production Cross Section

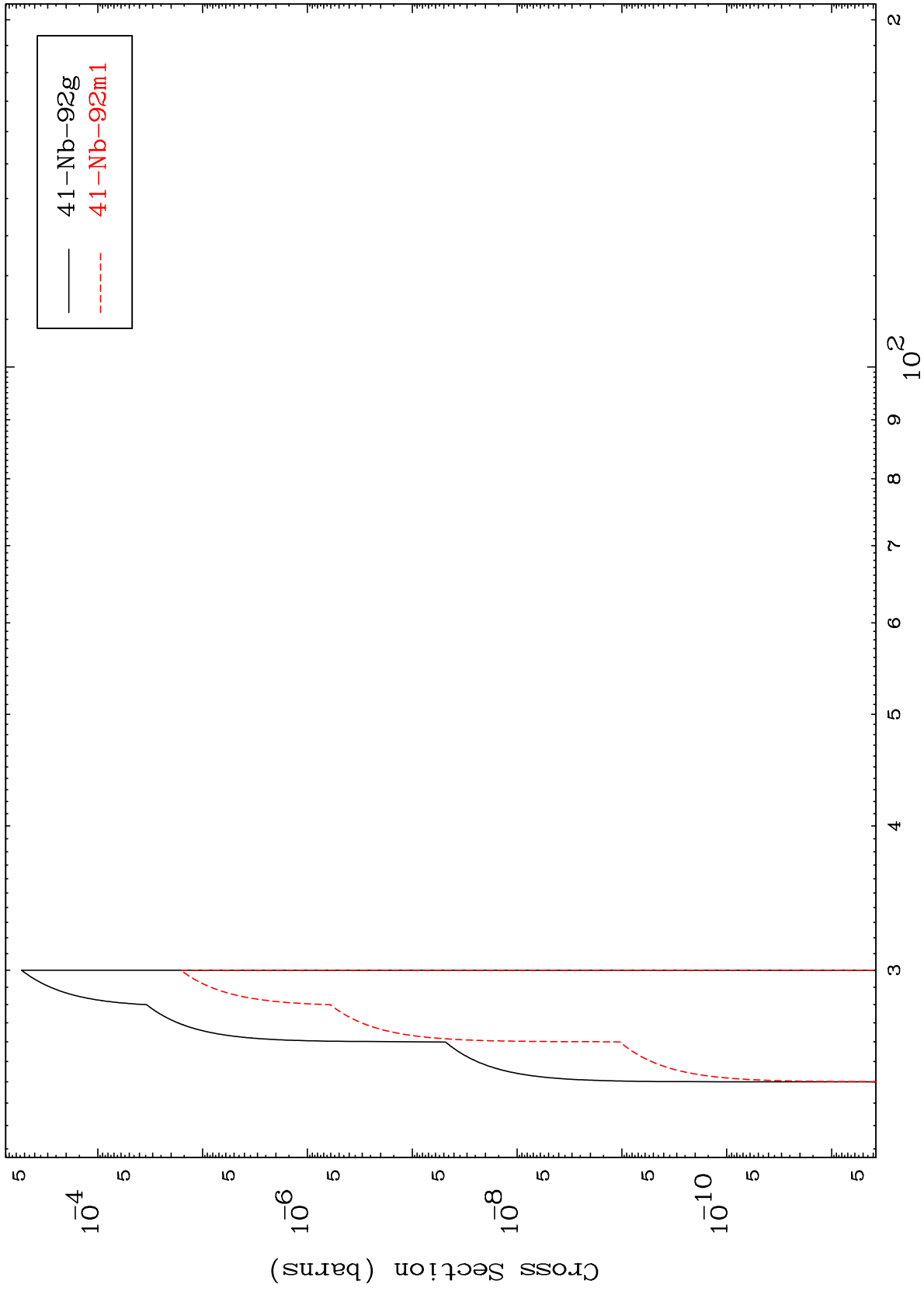


17

Incident Energy (MeV)

41-Nb-91

(n,2n) p
Radionuclide Production Cross Section

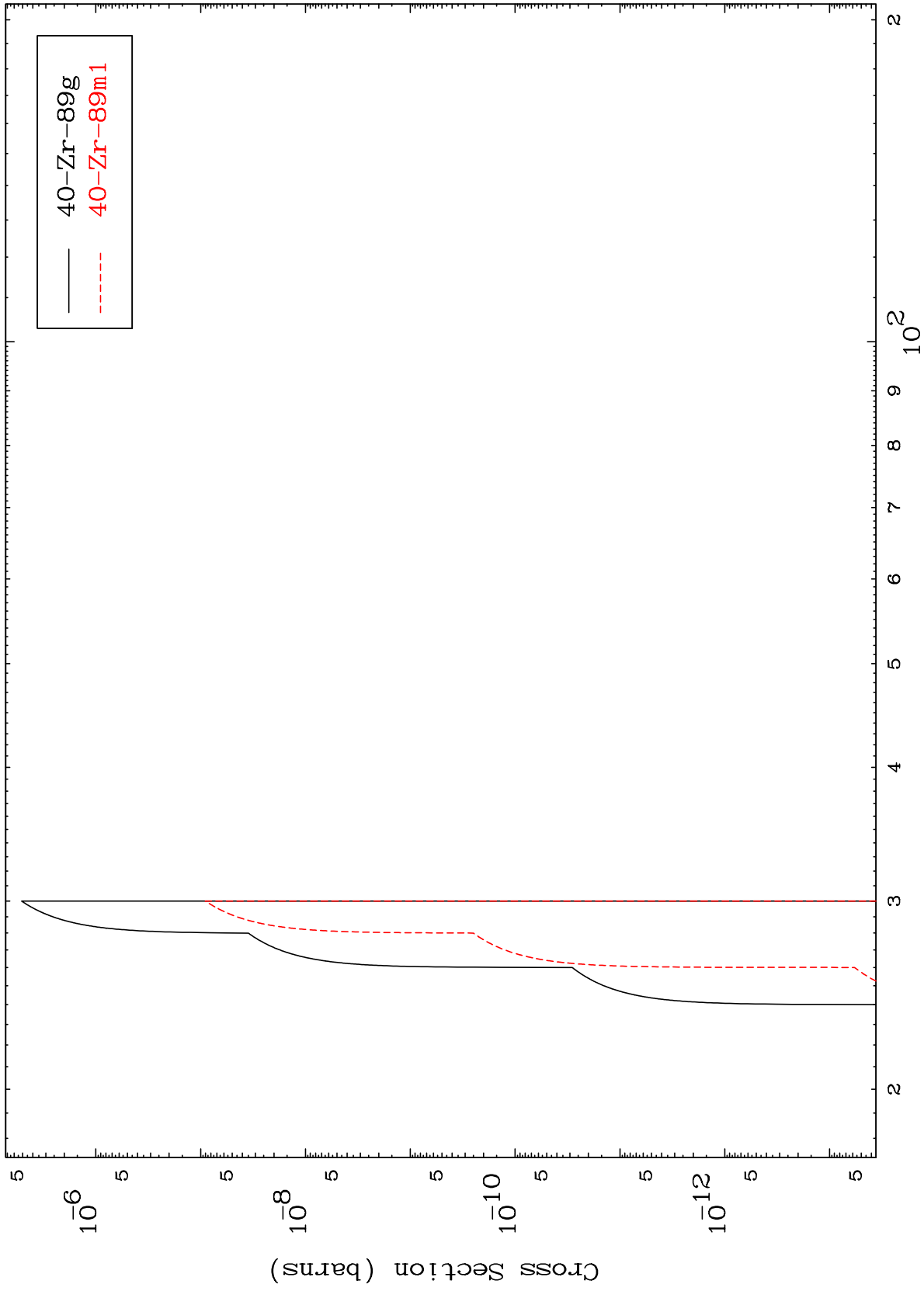


MAT 4119

(n,n') p α

41-Nb-91

Radionuclide Production Cross Section



19

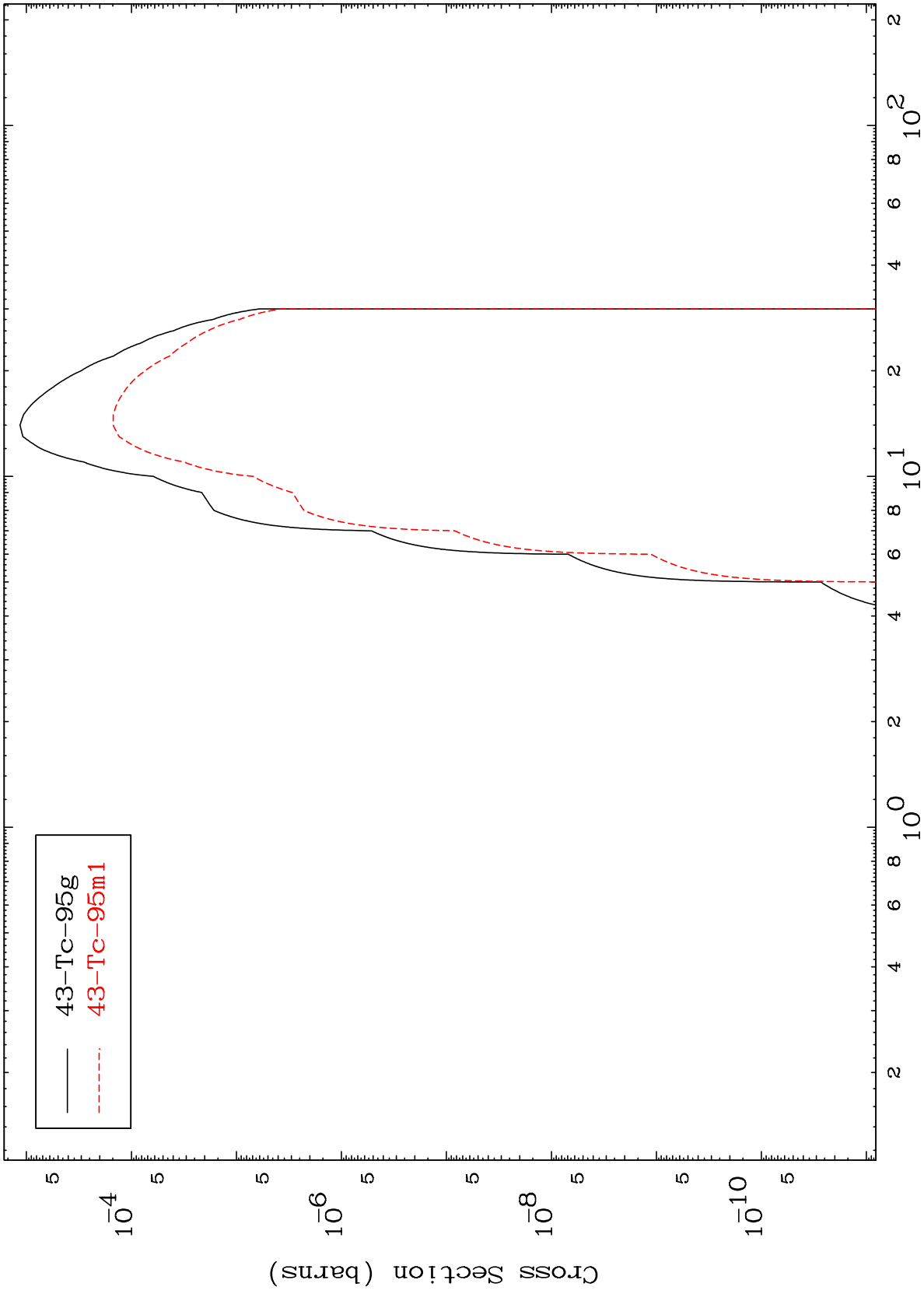
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,γ)
Radionuclide Production Cross Section



— 43-Tc-95g
- - - 43-Tc-95m1

20

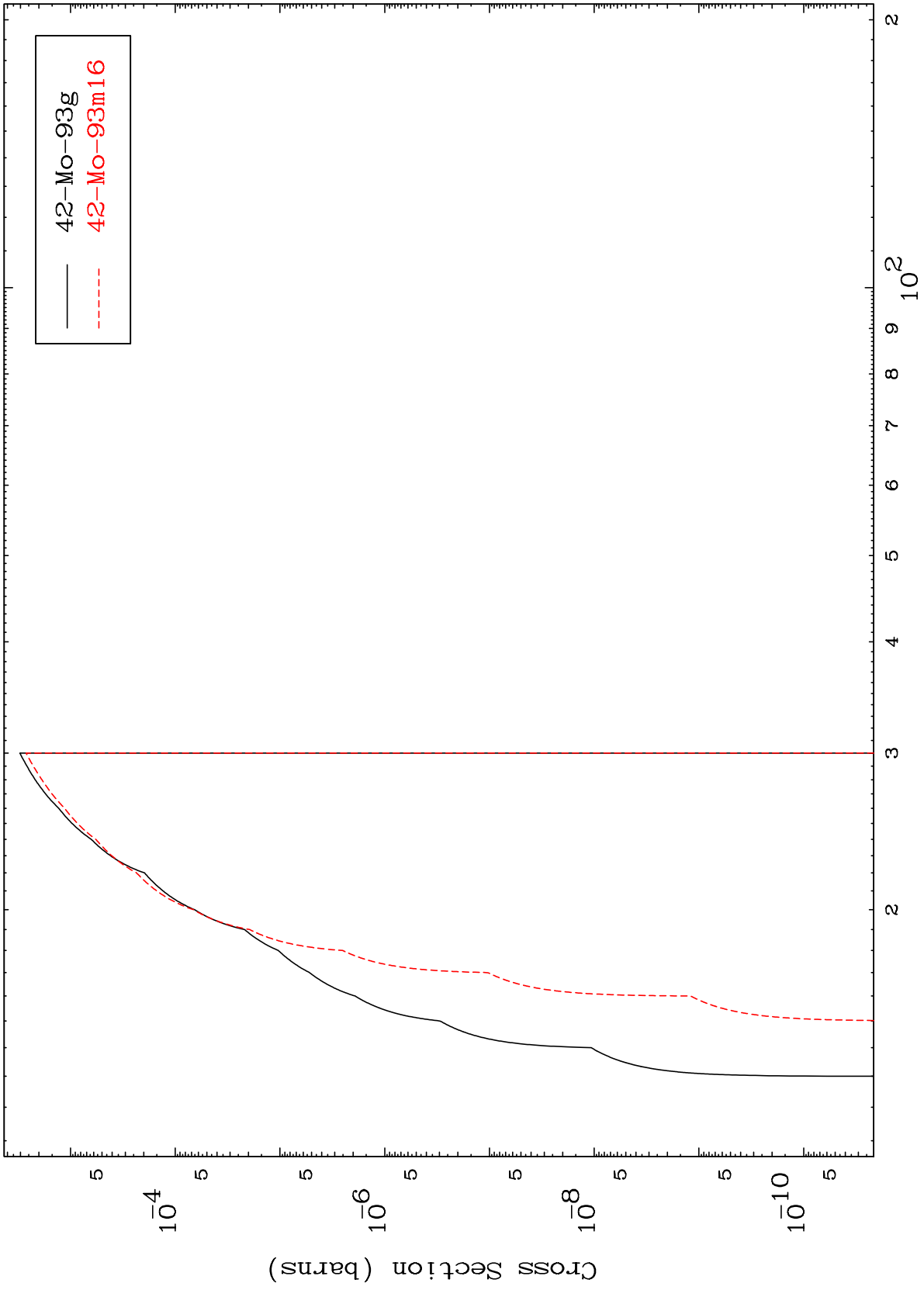
41-Nb-91

MAT 4119

(n,d)

41-Nb-91

Radionuclide Production Cross Section



21

Incident Energy (MeV)

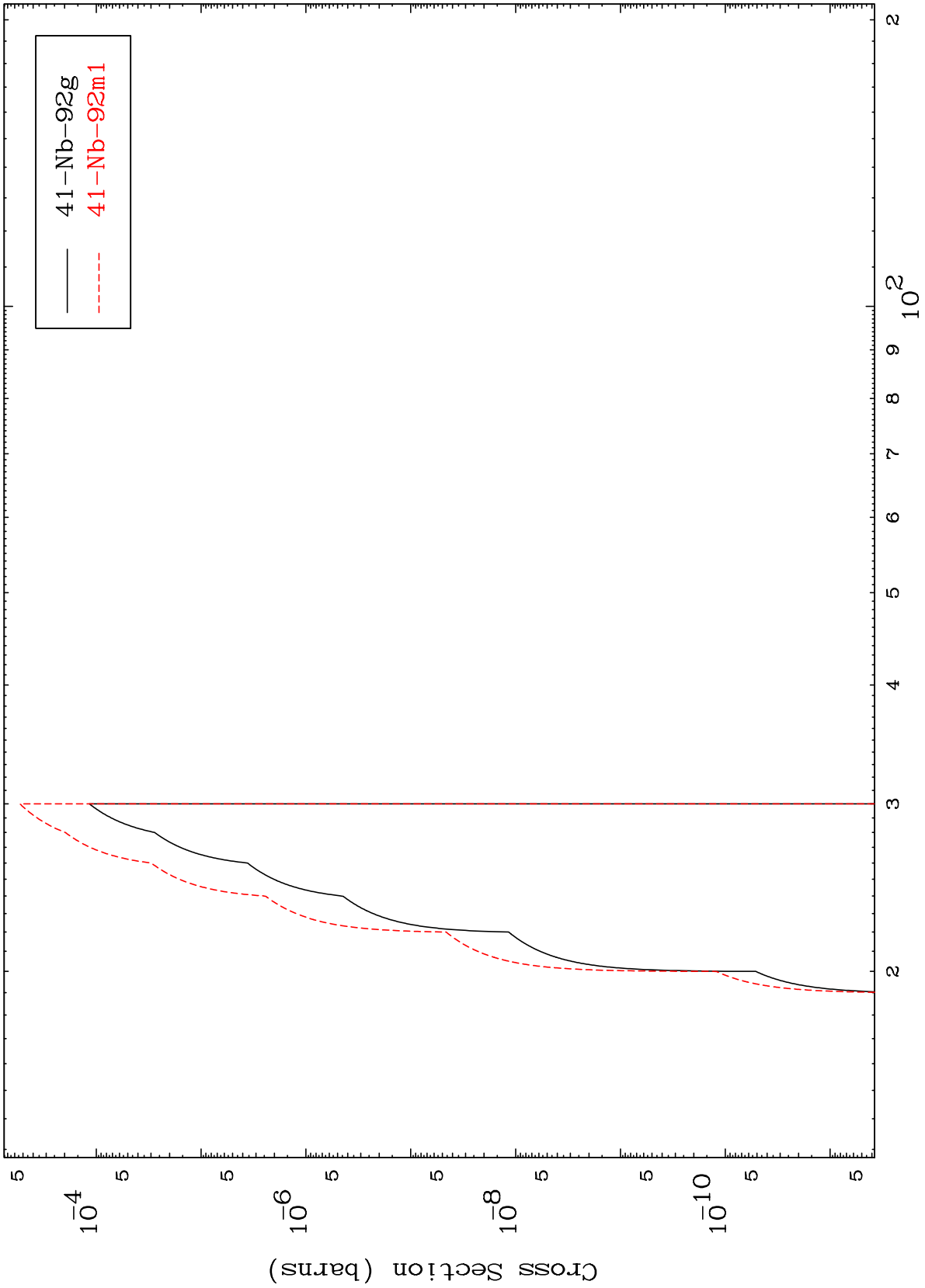
41-Nb-91

MAT 4119

(n, He-3)

41-Nb-91

Radionuclide Production Cross Section



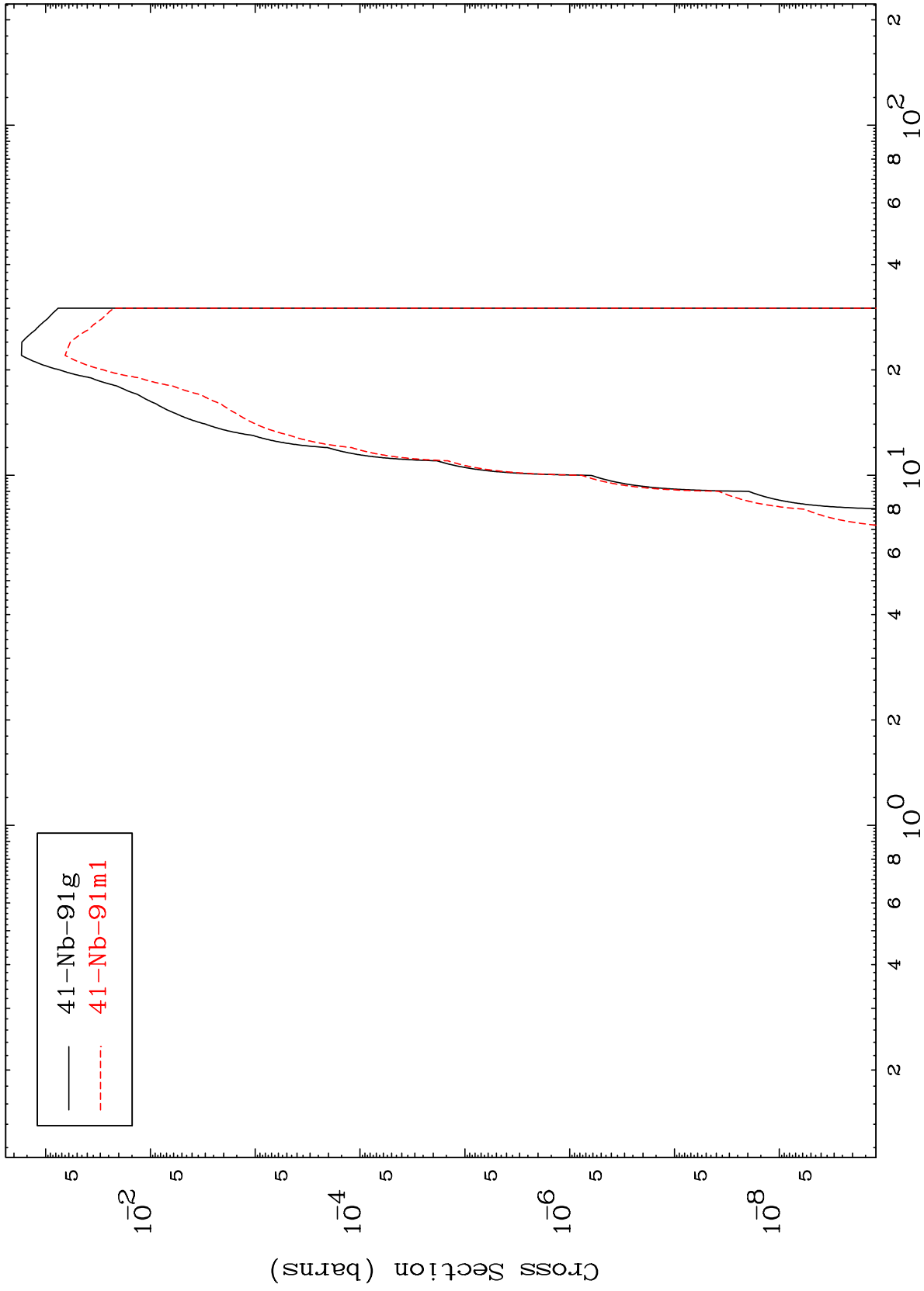
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41-Nb-91

MAT 4119

41-Nb-91

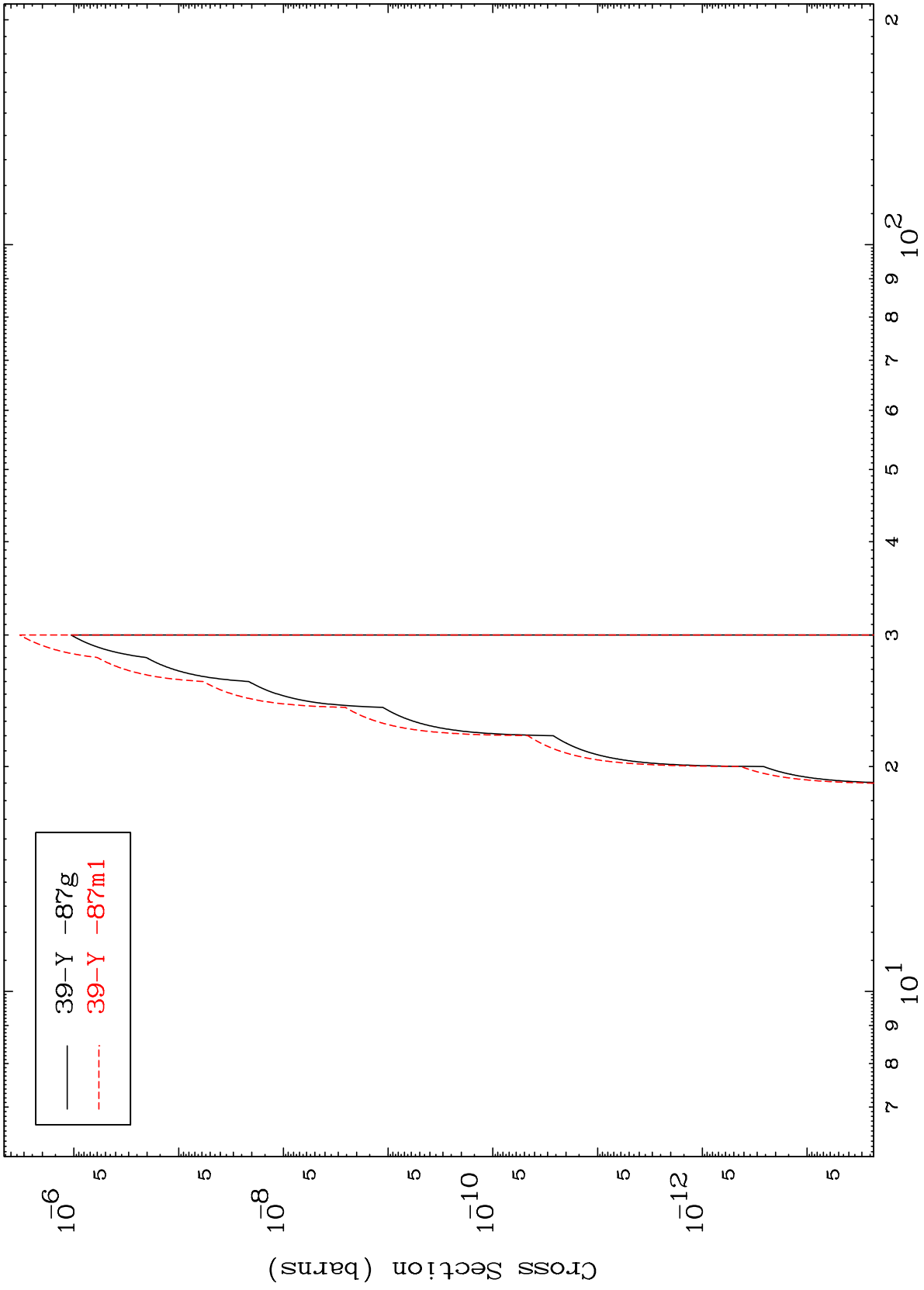
Radionuclide Production Cross Section



MAT 4119

41-Nb-91

Radionuclide Production Cross Section
(n,2α)



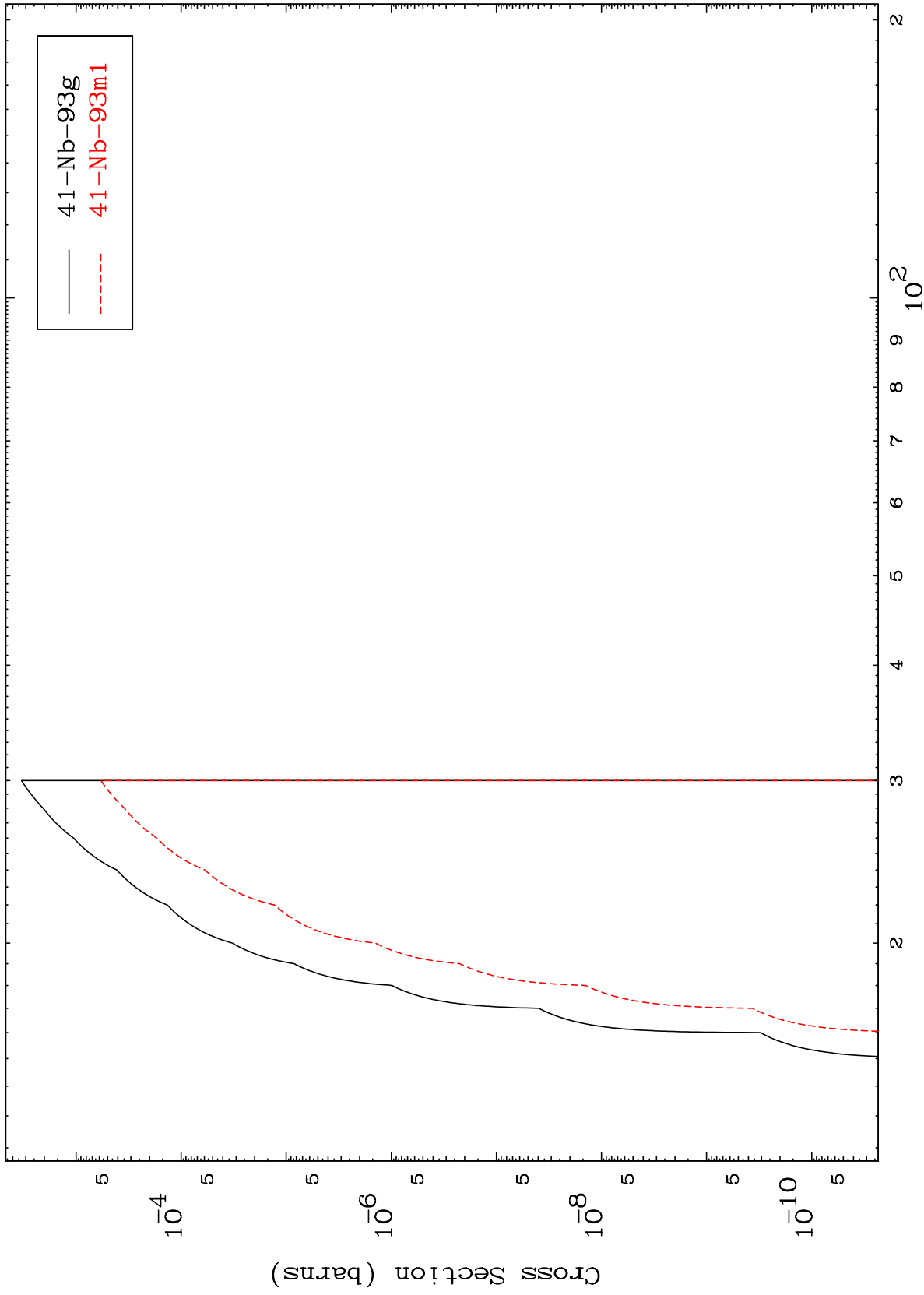
24

41-Nb-91

MAT 4119

41-Nb-91

(n,2p)
Radionuclide Production Cross Section



25

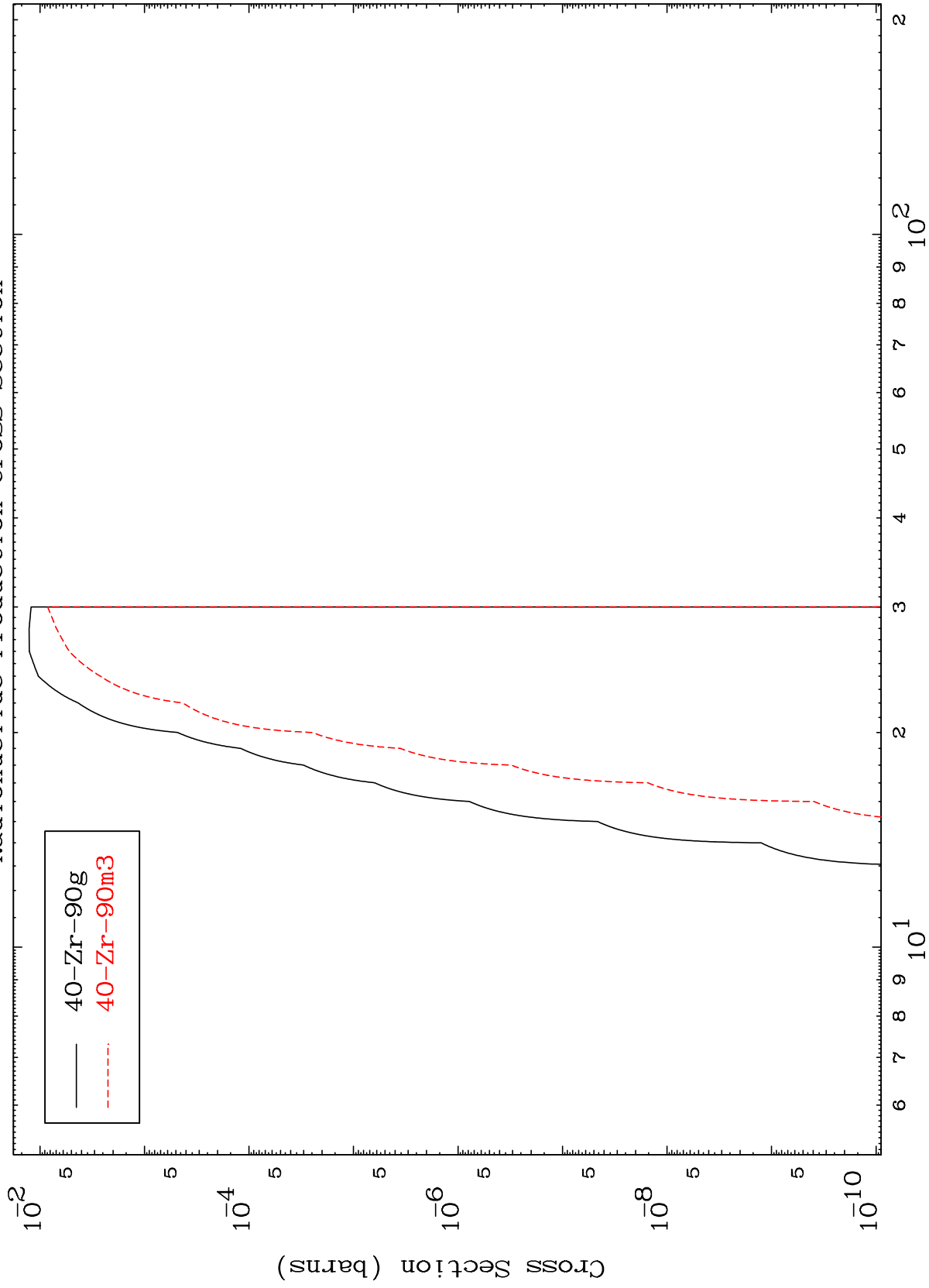
41-Nb-91

MAT 4119

(n,p) α

41-Nb-91

Radionuclide Production Cross Section



26

Incident Energy (MeV)

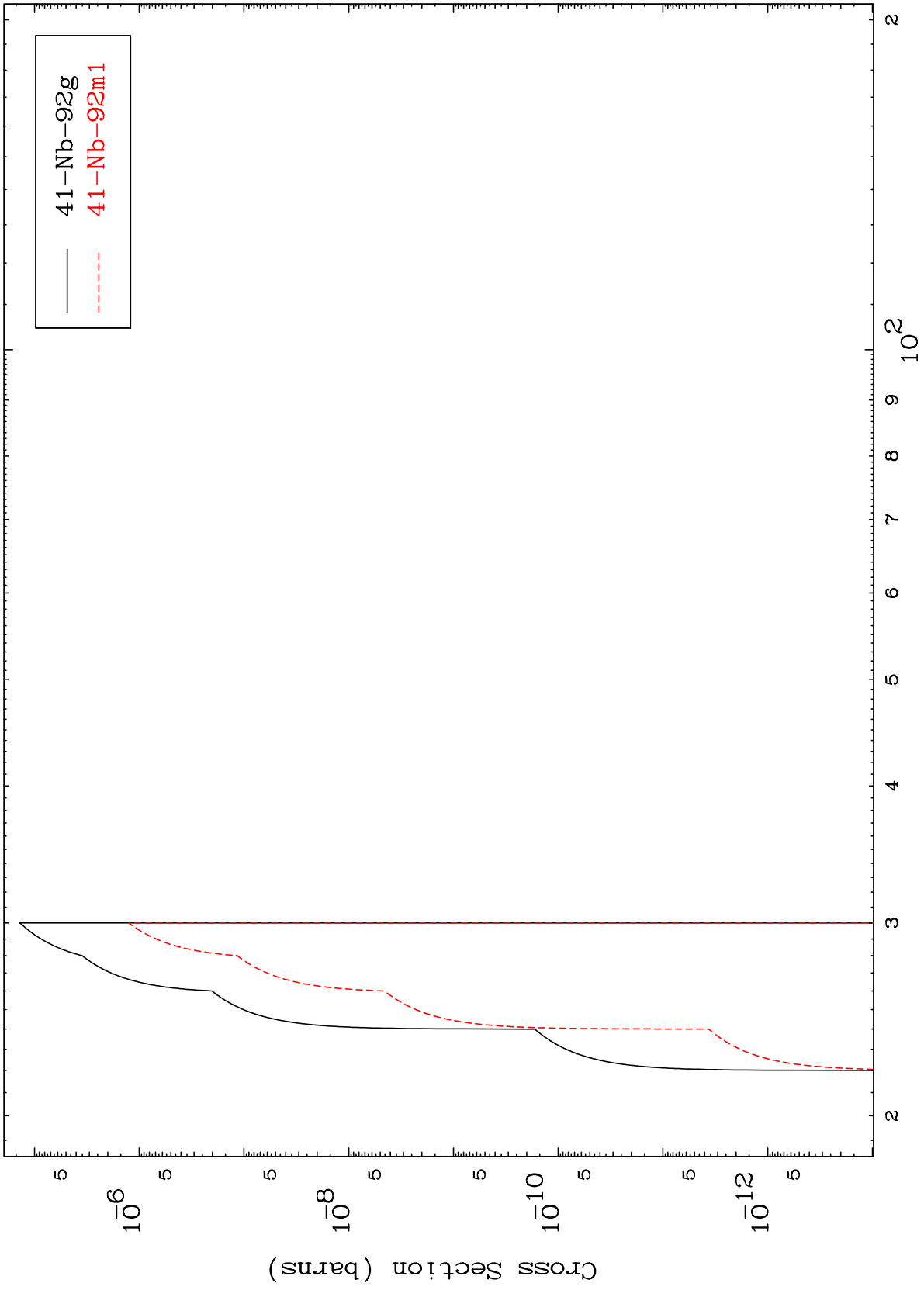
41-Nb-91

MAT 4119

(n,p) d

41-Nb-91

Radionuclide Production Cross Section



27

Incident Energy (MeV)

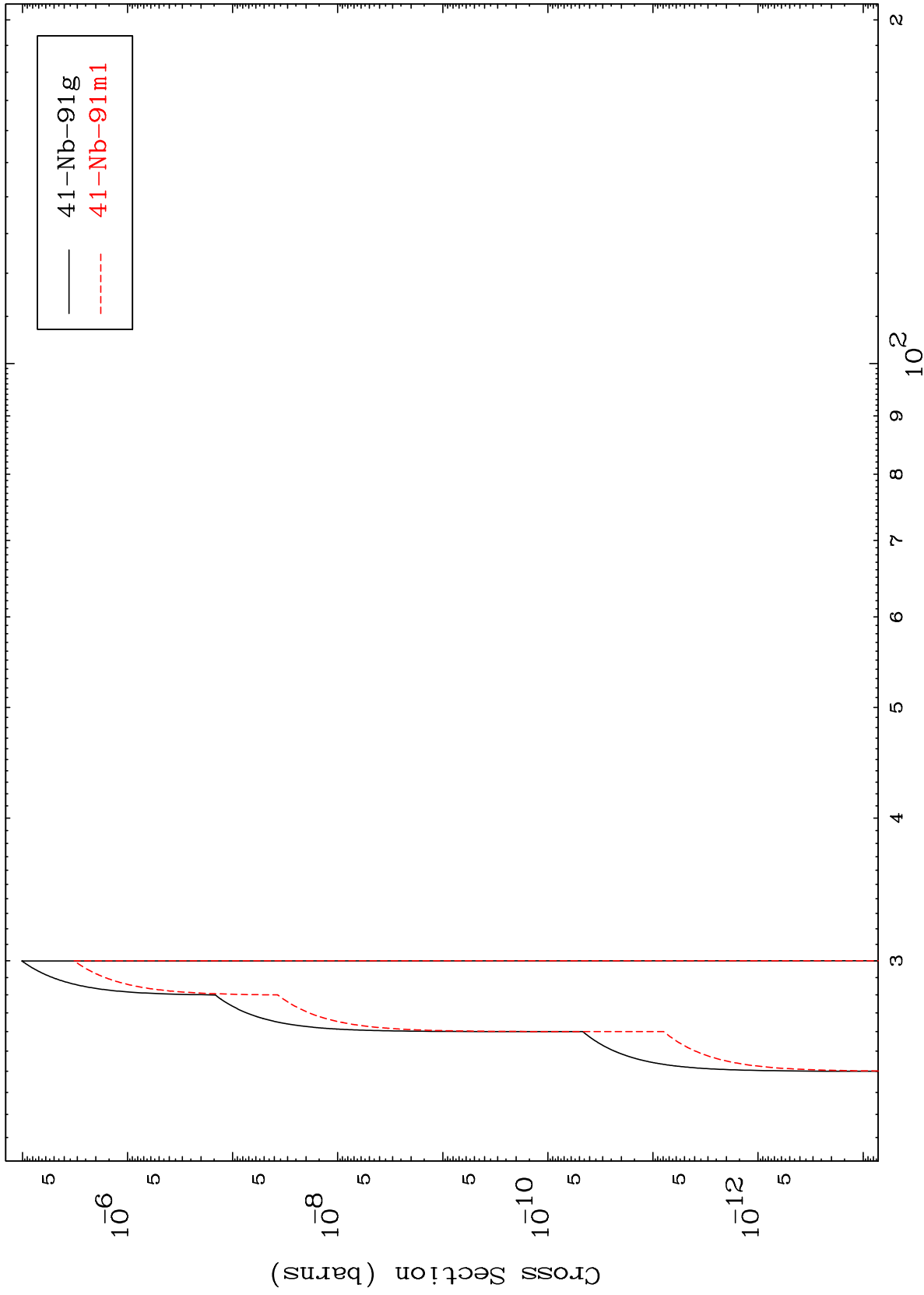
41-Nb-91

MAT 4119

(n,p) t

41-Nb-91

Radionuclide Production Cross Section



28

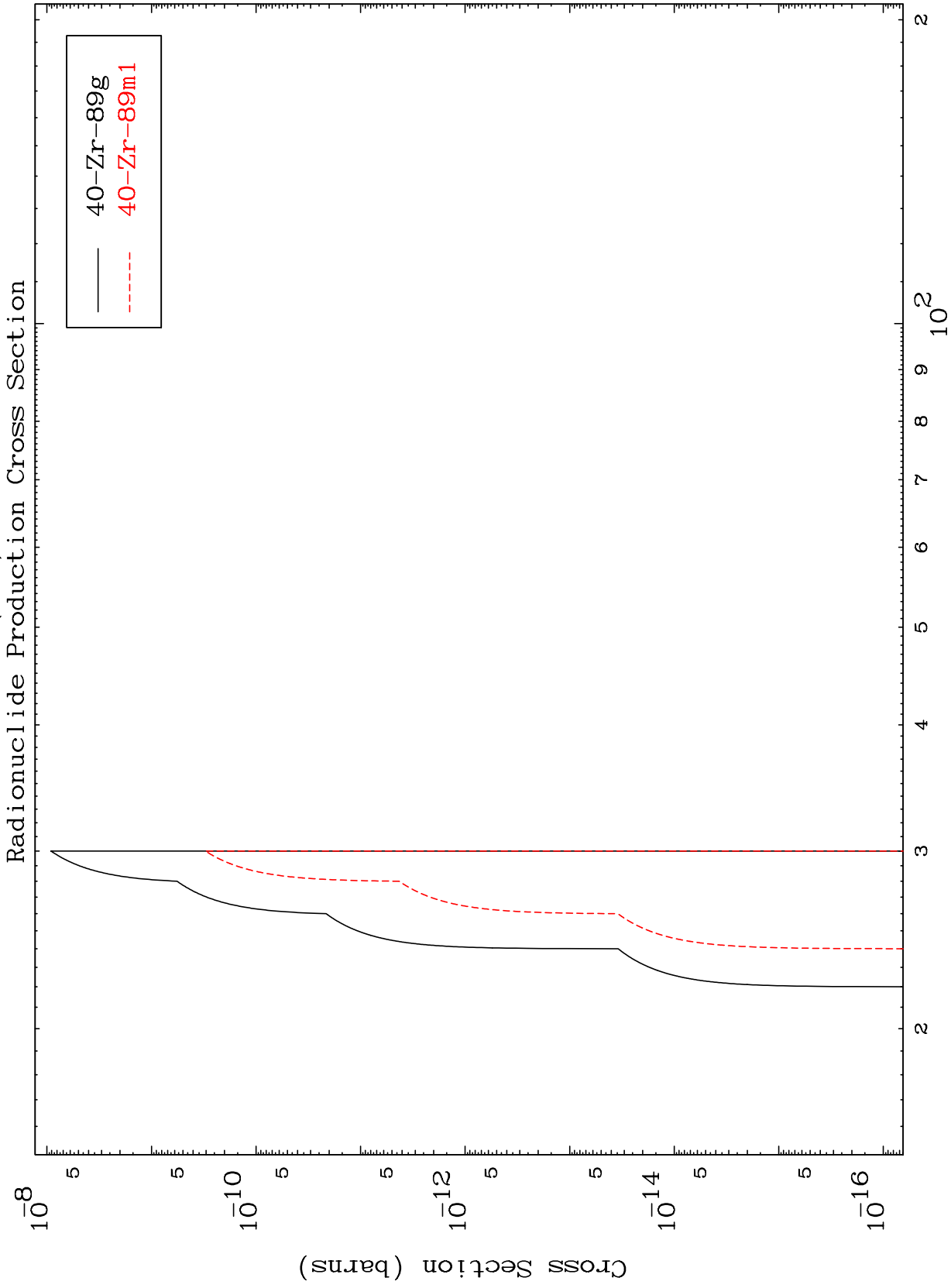
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,d) α

41-Nb-91



29

Incident Energy (MeV)

41-Nb-91