

Program EVALPLOT
(Version 2018-1)

by

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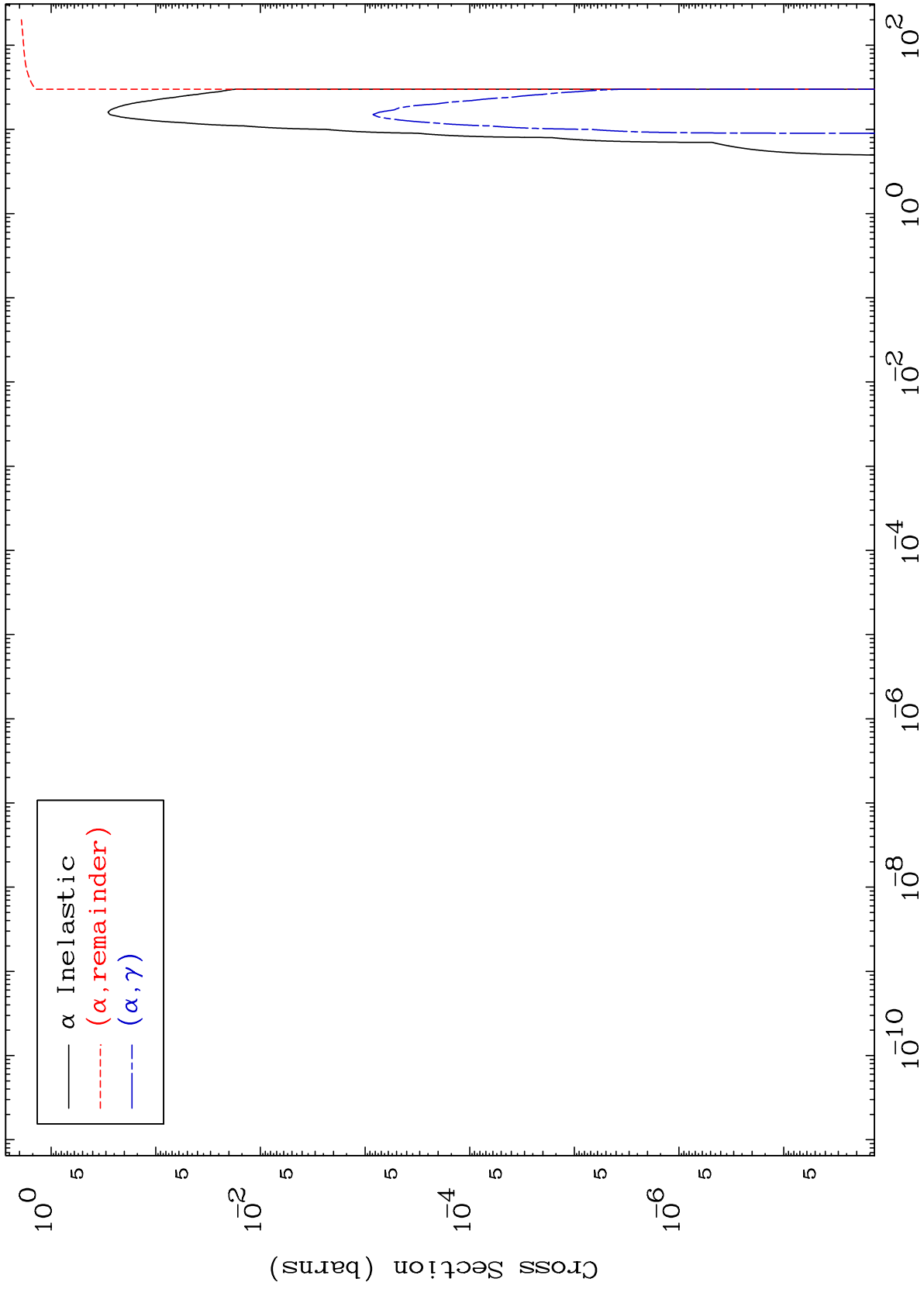
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4116

0 Kelvin α Major
Cross Sections

41-Nb-90



1

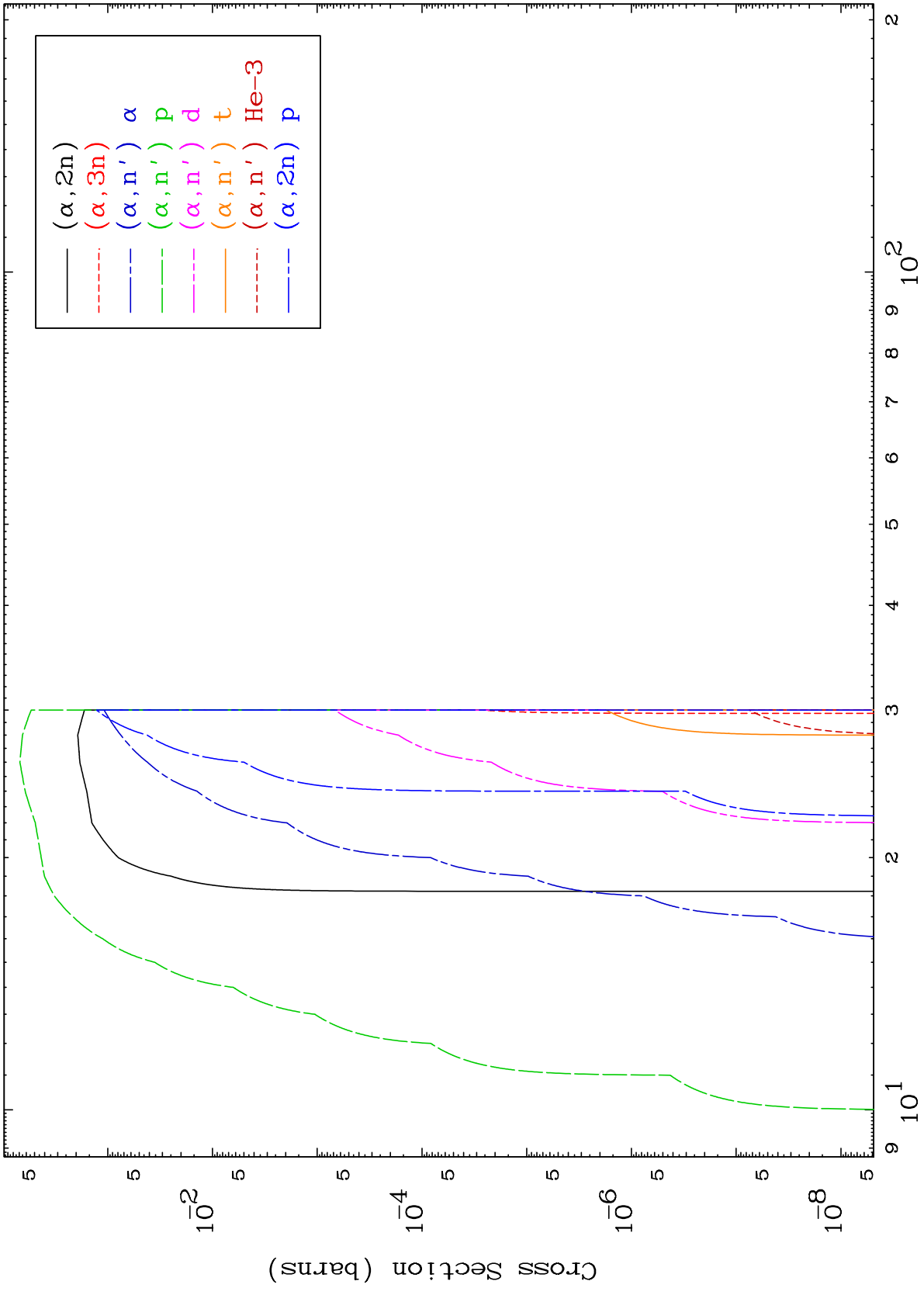
Incident Energy (MeV)

41-Nb-90

MAT 4116

α Neutron Production
0 Kelvin Cross Sections

41-Nb-90

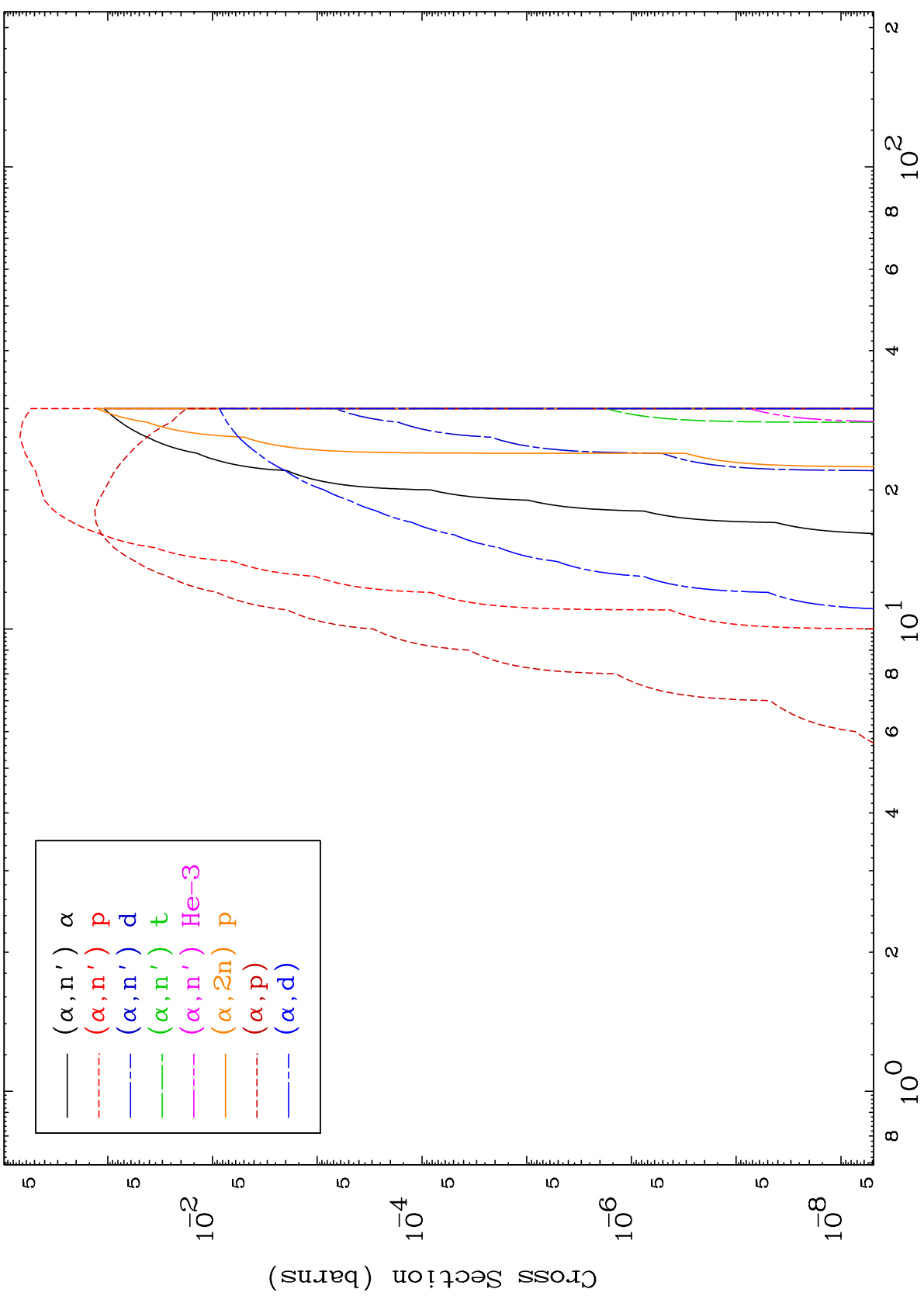


41-Nb-90

MAT 4116

α Charged Particle
0 Kelvin Cross Sections

41-Nb-90



3

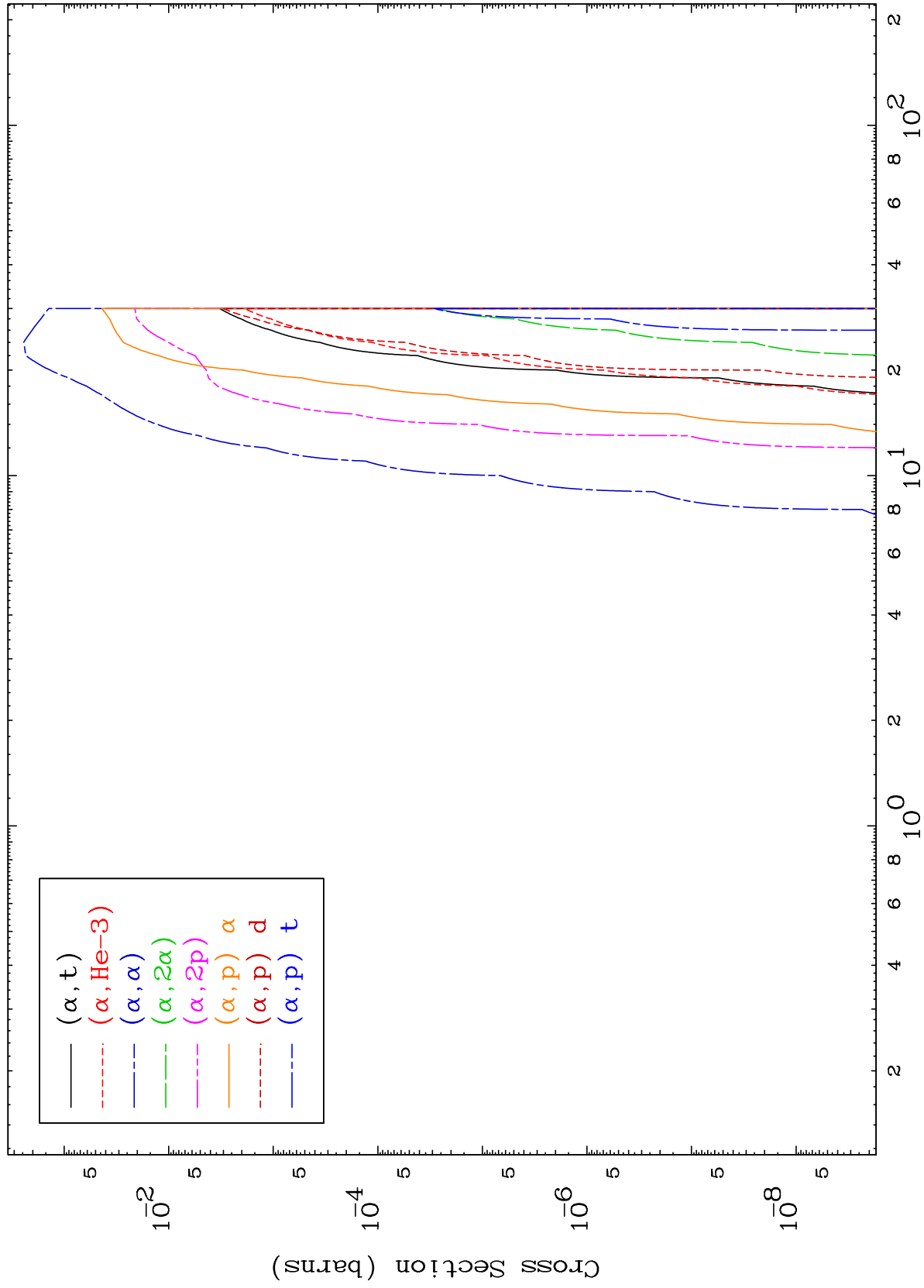
Incident Energy (MeV)

41-Nb-90

MAT 4116

α Charged Particle
0 Kelvin Cross Sections

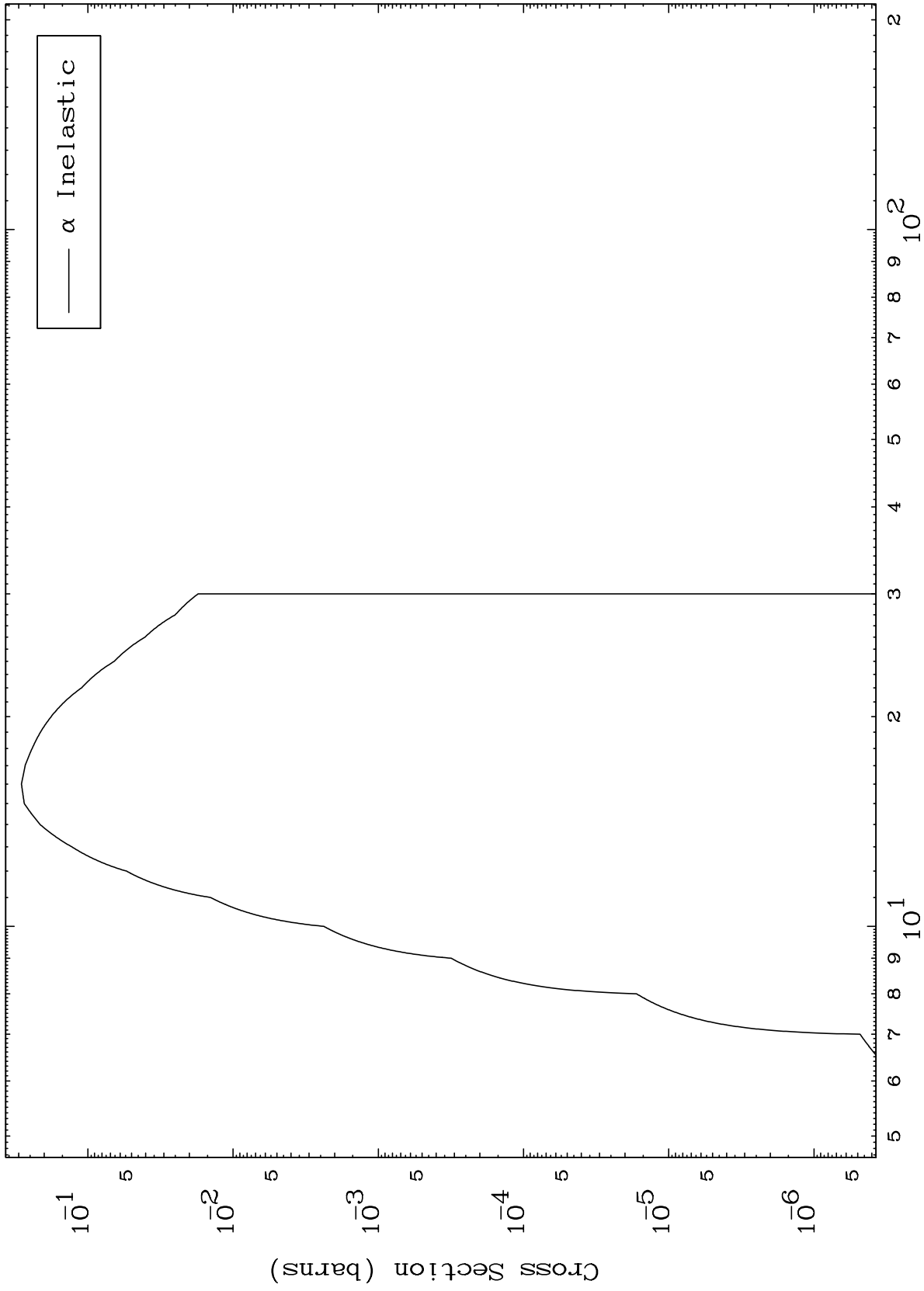
41-Nb-90



MAT 4116

(α, n') Level
0 Kelvin Cross Sections

41-Nb-90



5

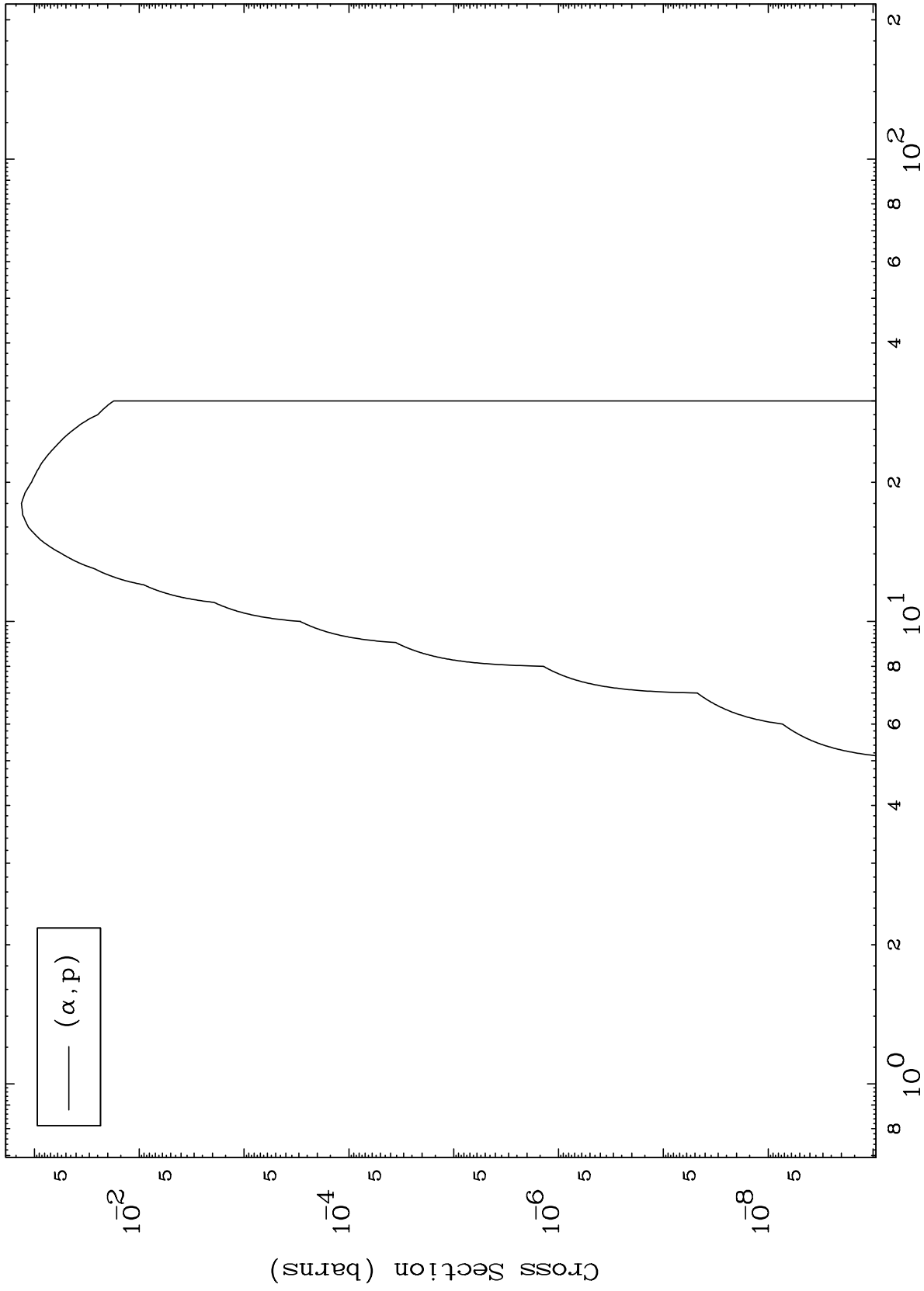
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-90



6

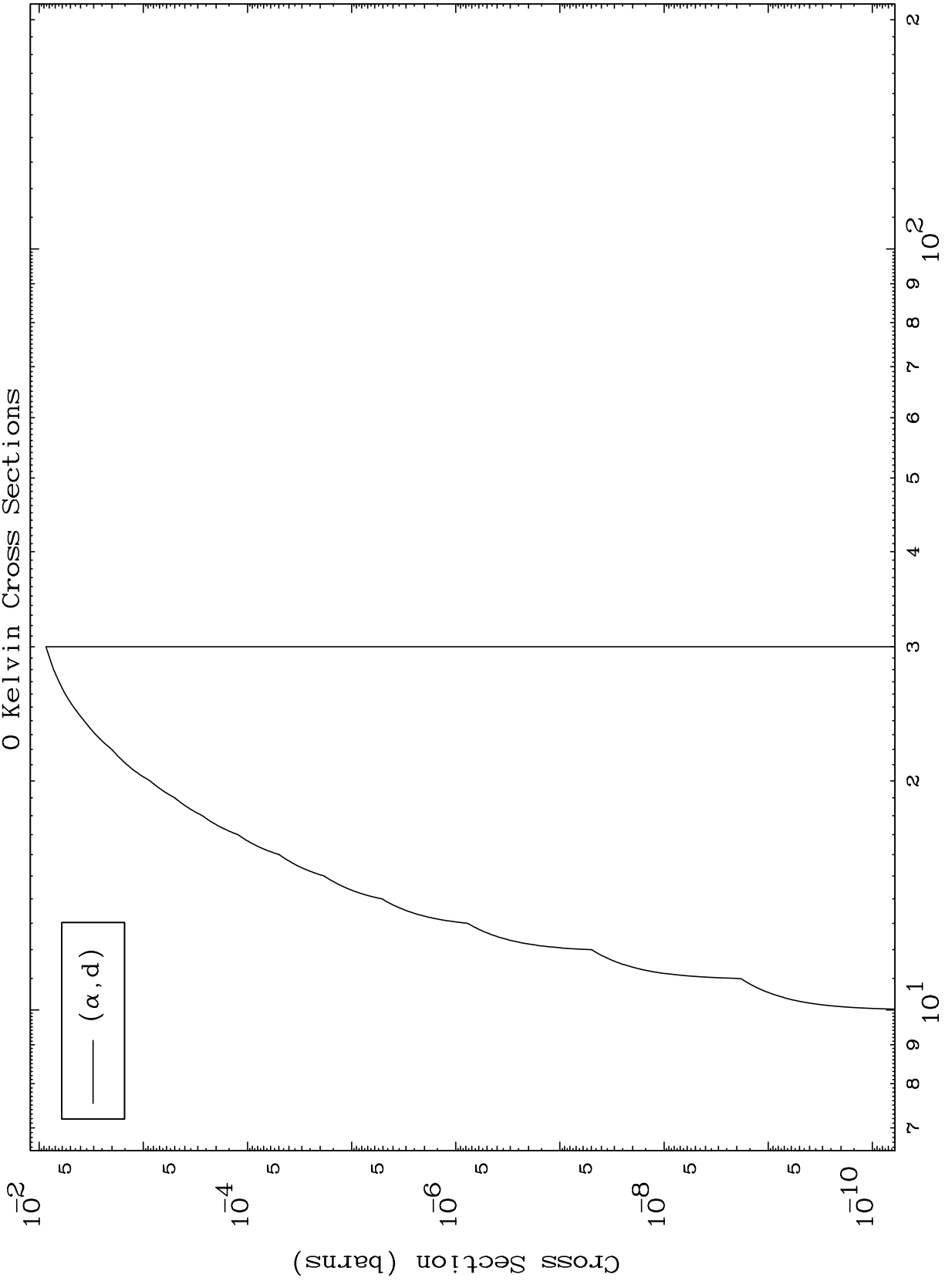
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-90



7

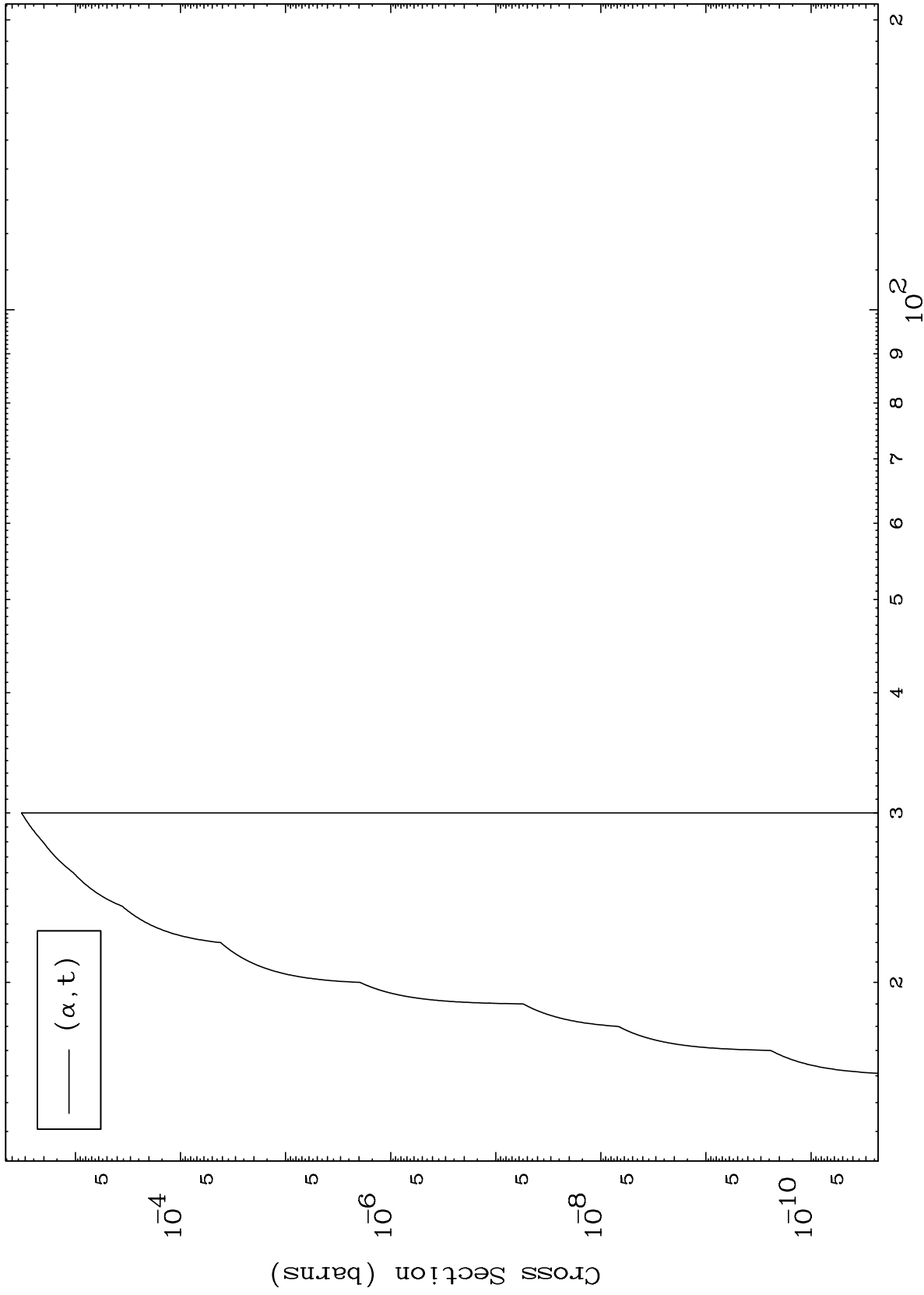
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-90



8

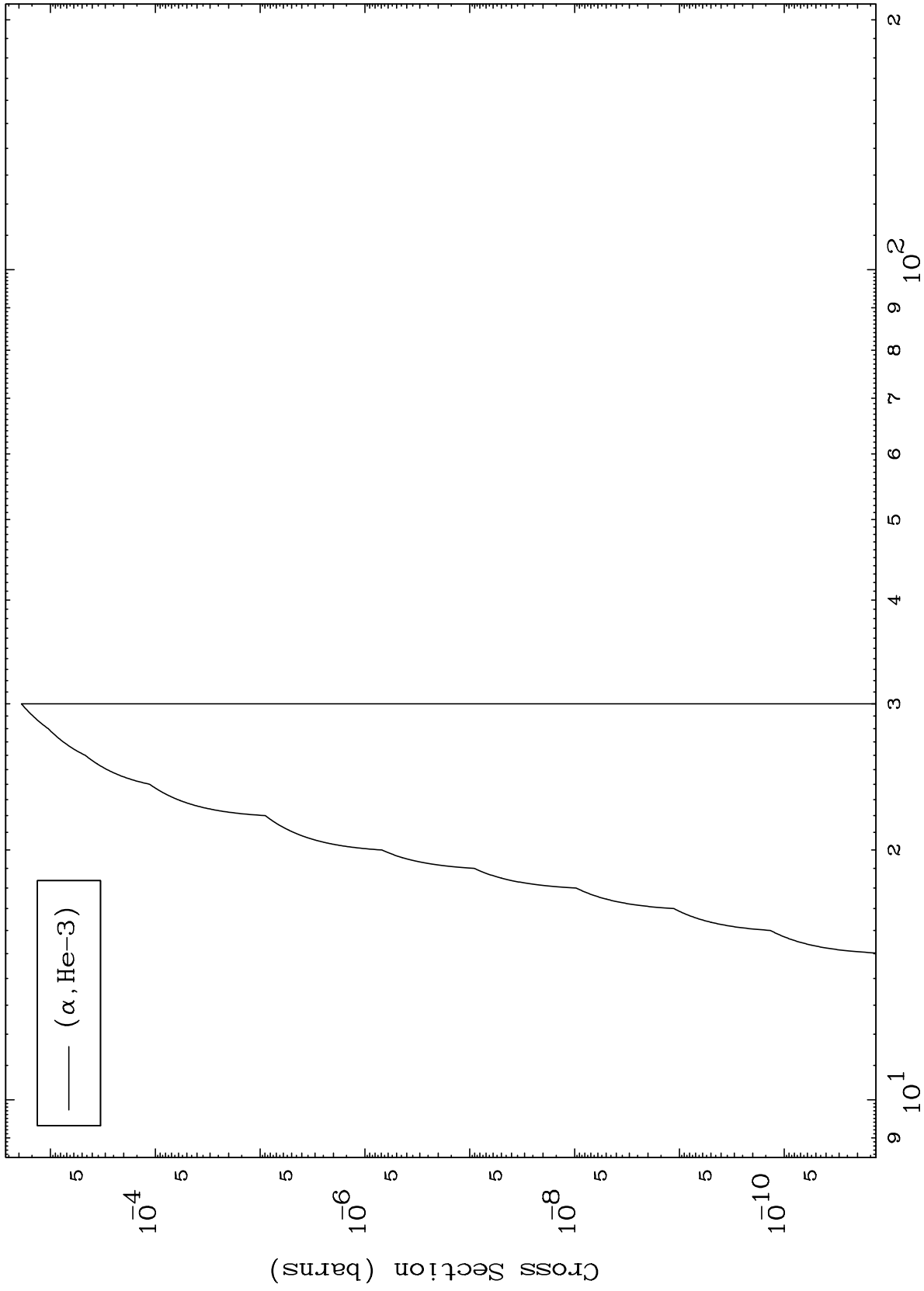
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α ,He3) Levels
0 Kelvin Cross Sections

41-Nb-90



9

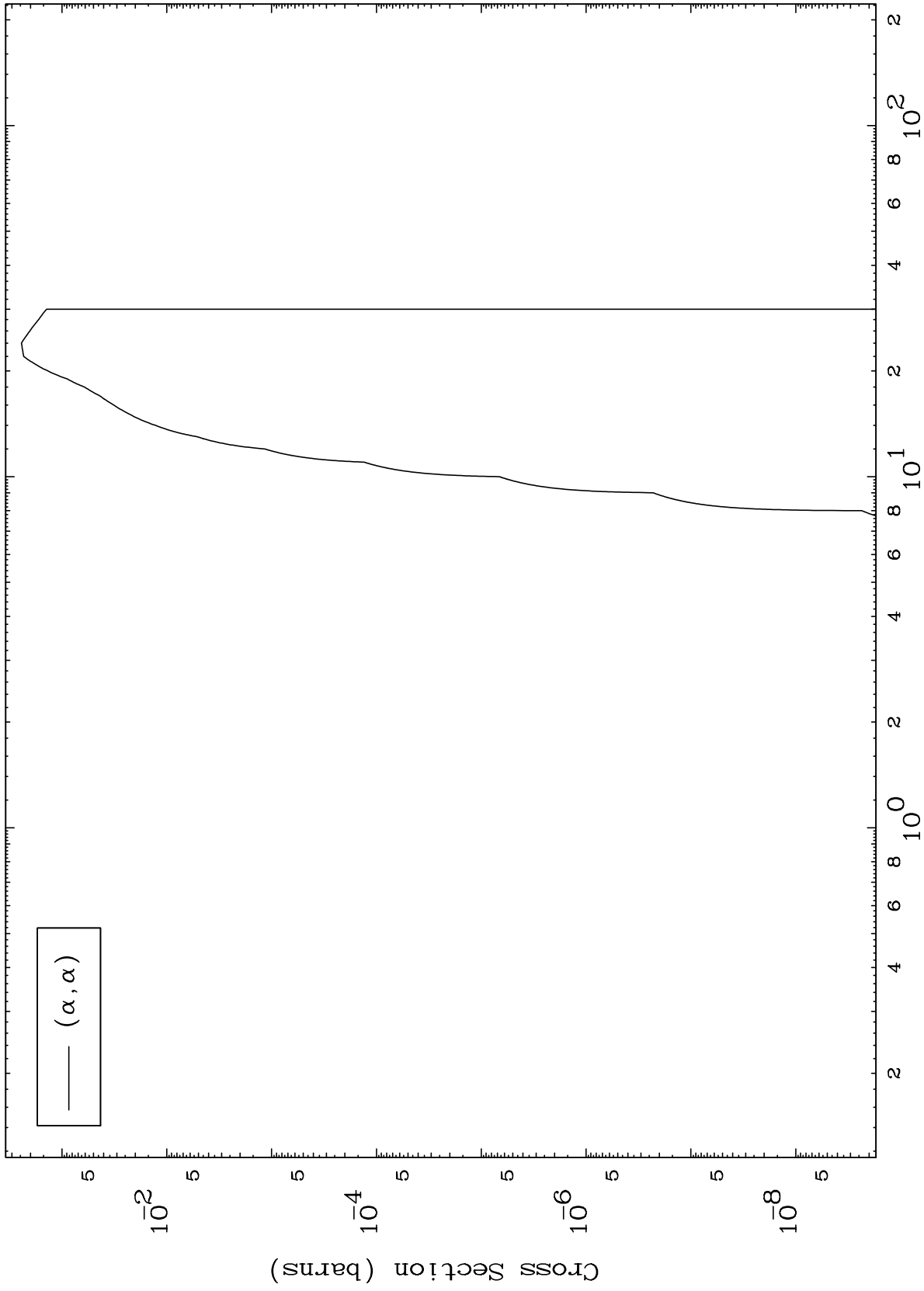
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-90



10

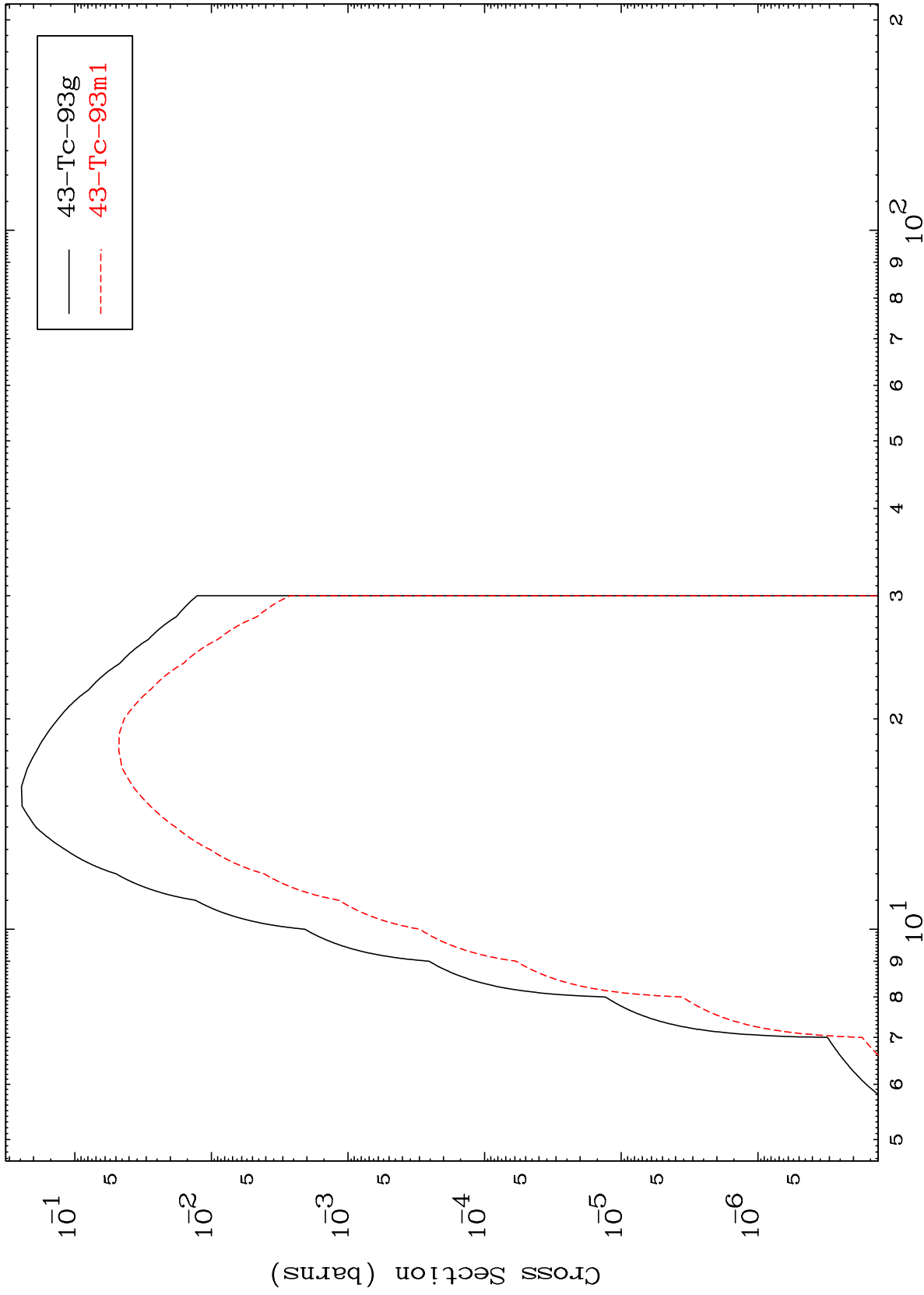
Incident Energy (MeV)

41-Nb-90

MAT 4116

Radionuclide Production Cross Section

41-Nb-90



11

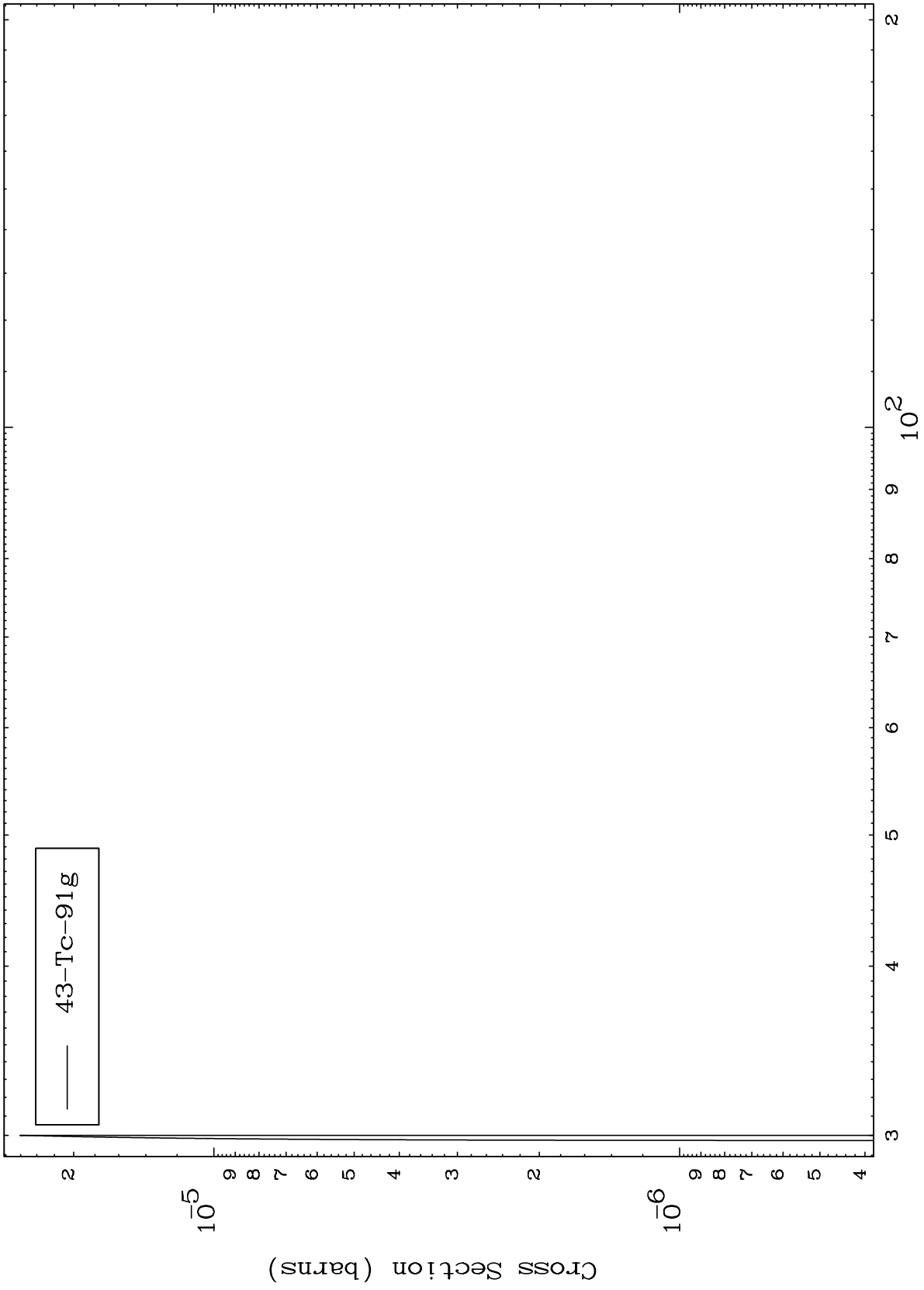
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

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



— 43-Tc-91g

12

Incident Energy (MeV)

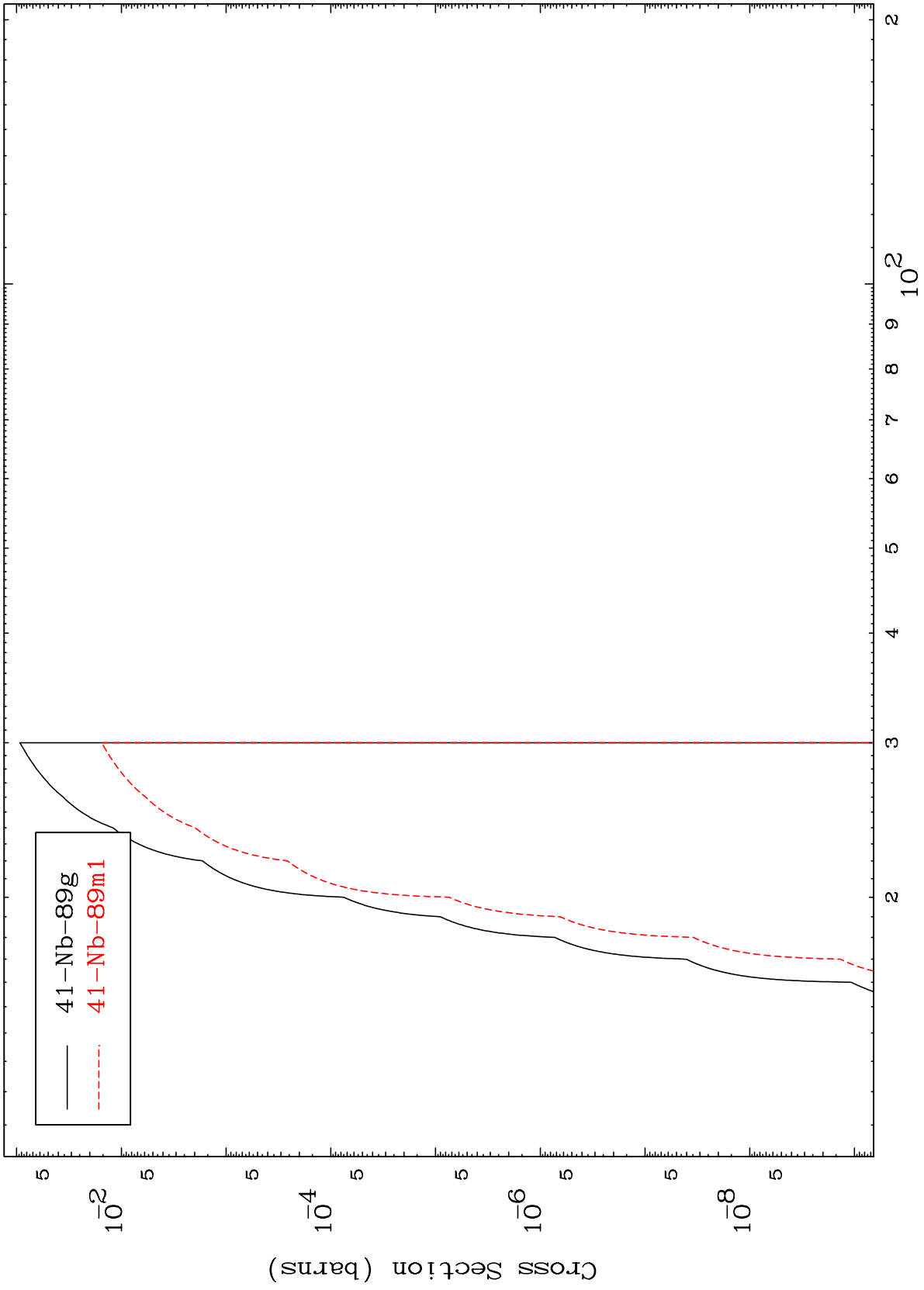
41-Nb-90

MAT 4116

(α, n') α

41-Nb-90

Radionuclide Production Cross Section



13

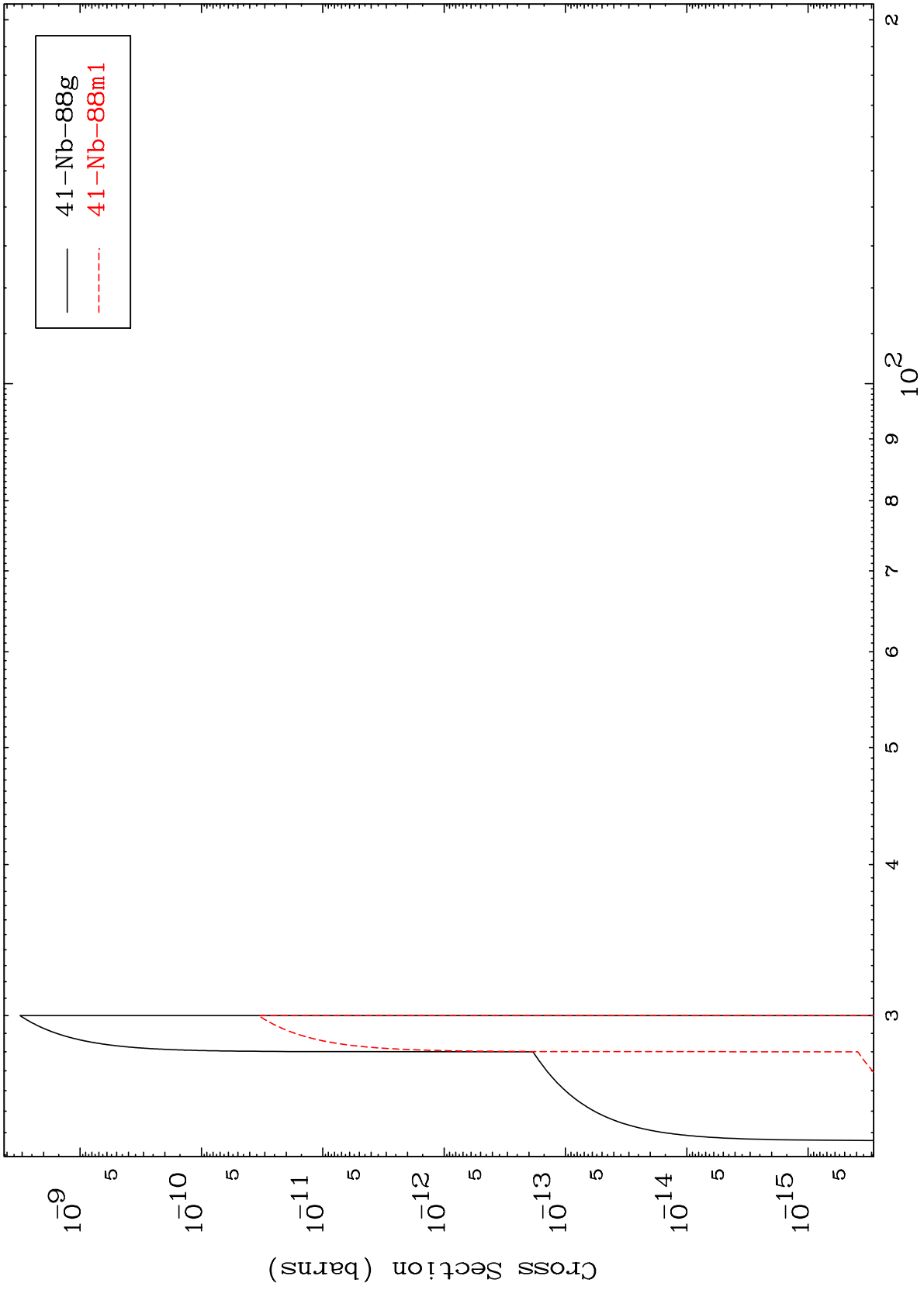
41-Nb-90

MAT 4116

($\alpha, 2n$) α

41-Nb-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

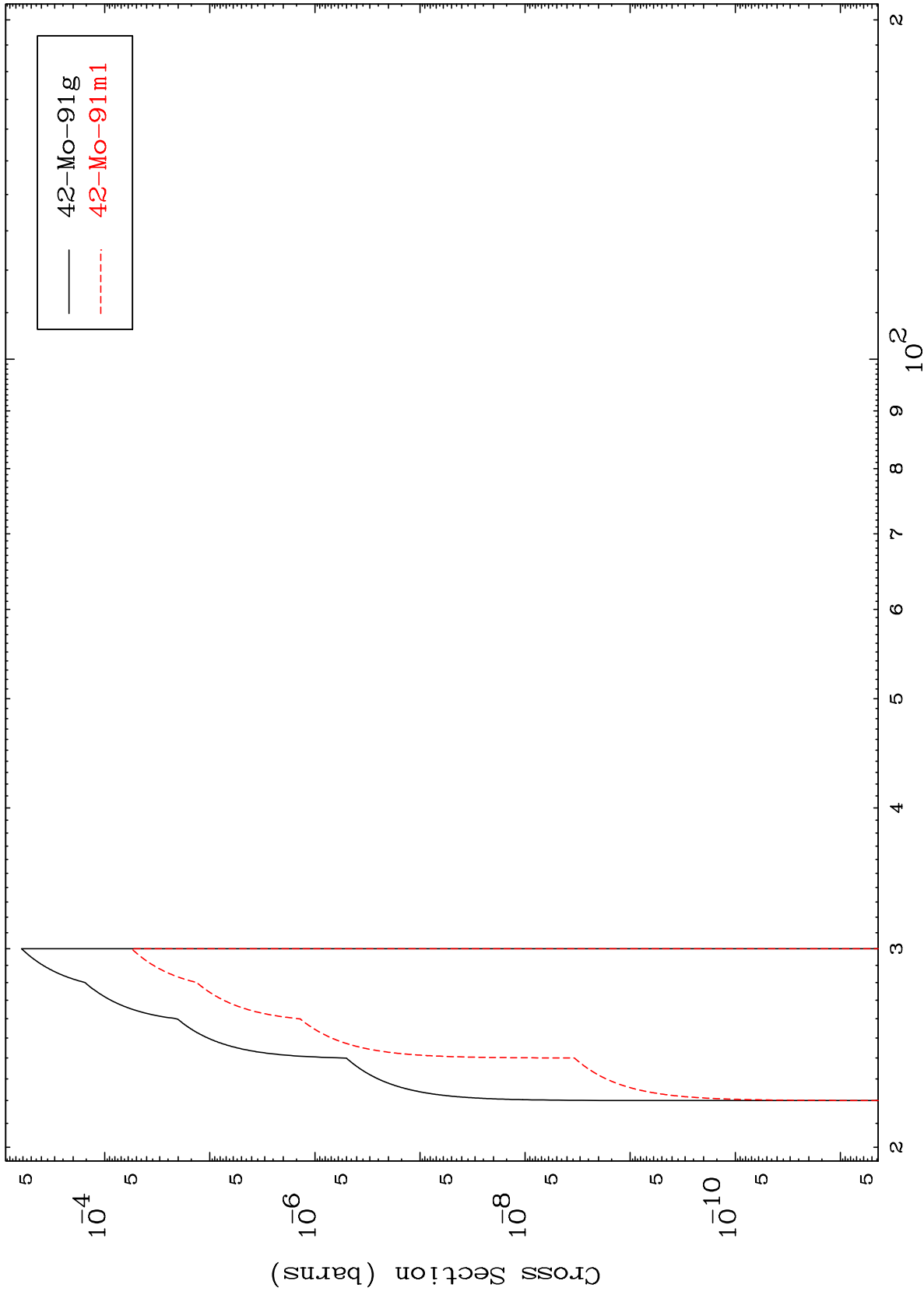
41-Nb-90

MAT 4116

(α, n') d

41-Nb-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

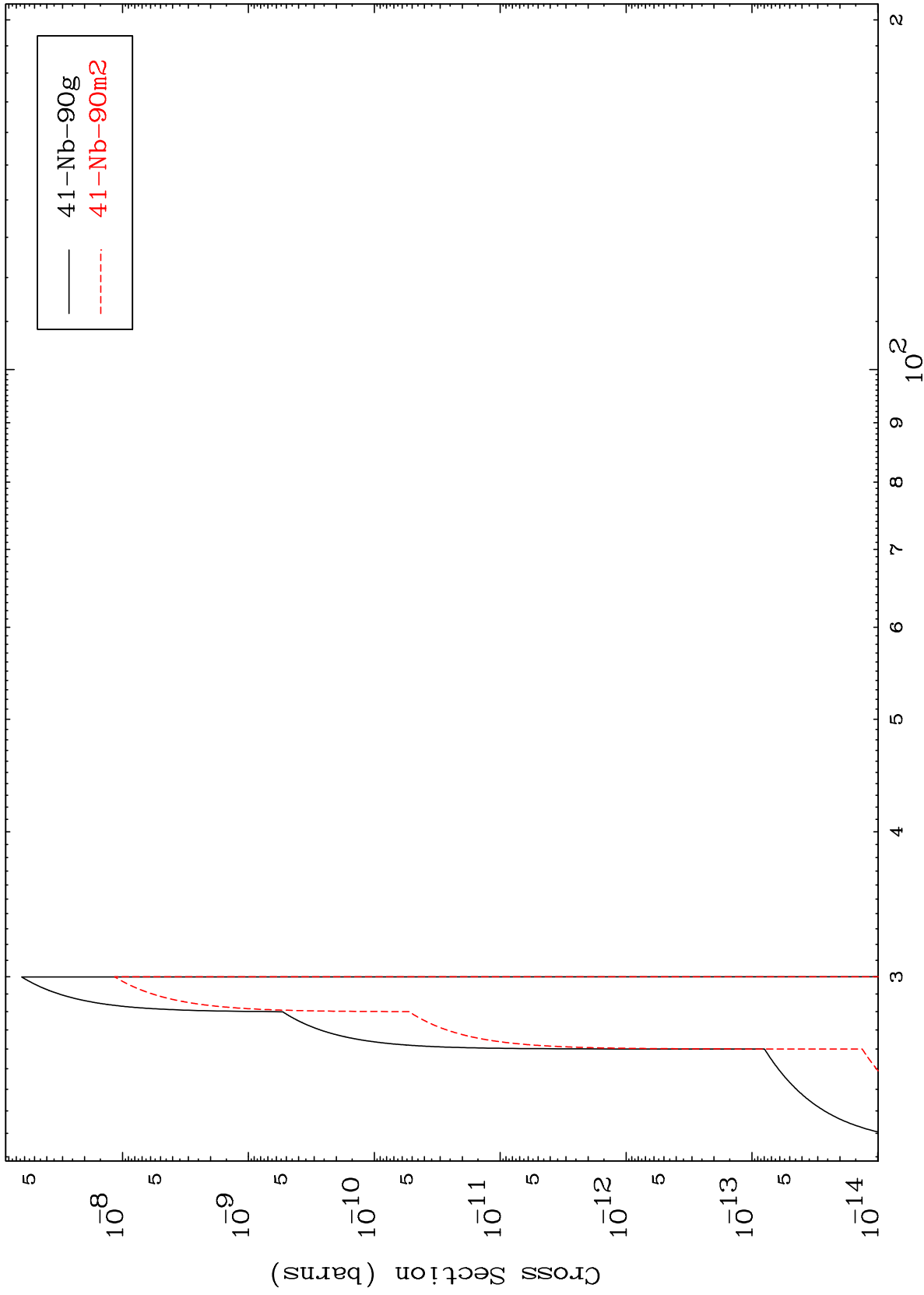
41-Nb-90

MAT 4116

(α, n') He-3

41-Nb-90

Radionuclide Production Cross Section



16

Incident Energy (MeV)

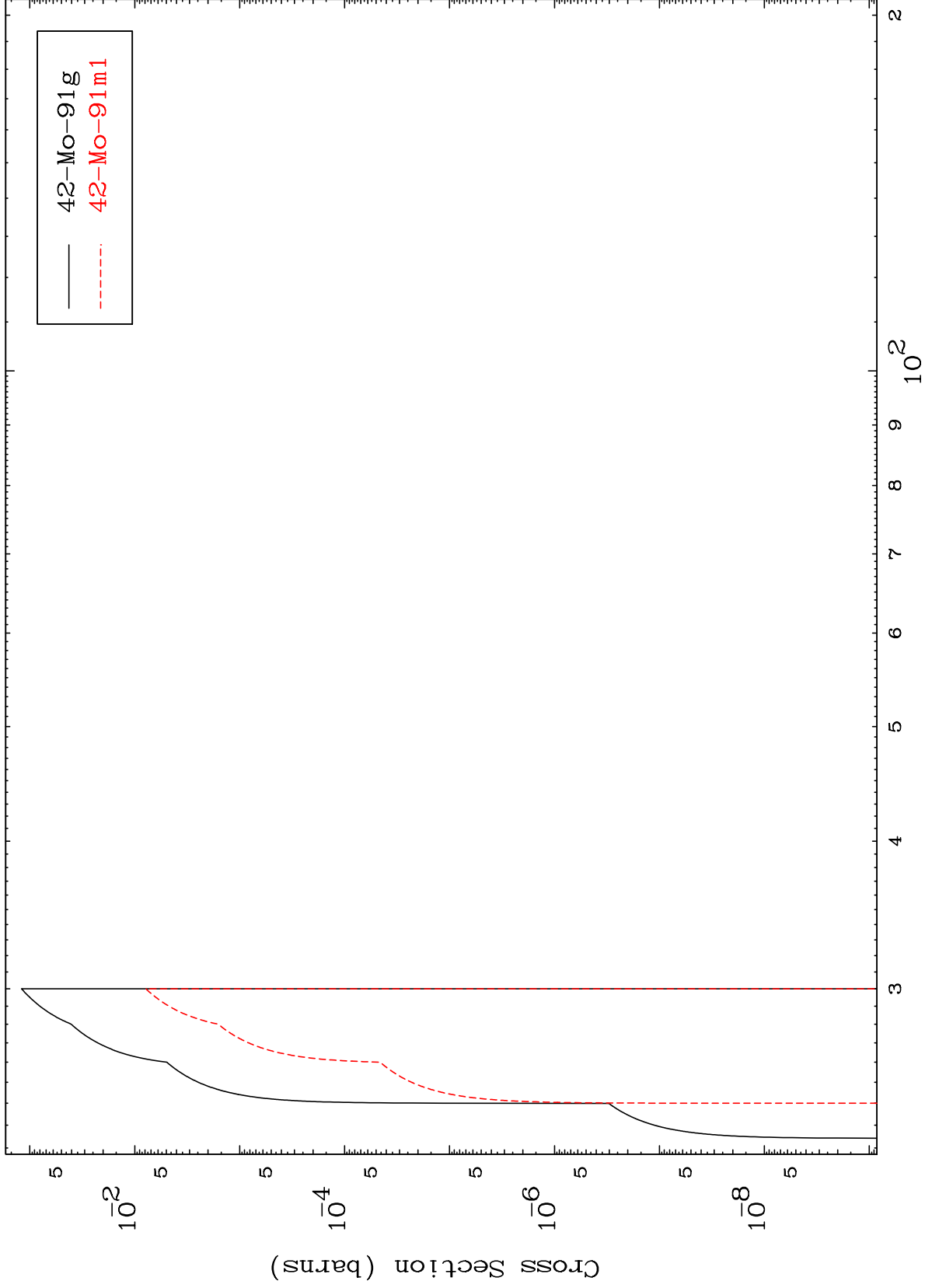
41-Nb-90

MAT 4116

($\alpha, 2n$) p

41-Nb-90

Radionuclide Production Cross Section



17

Incident Energy (MeV)

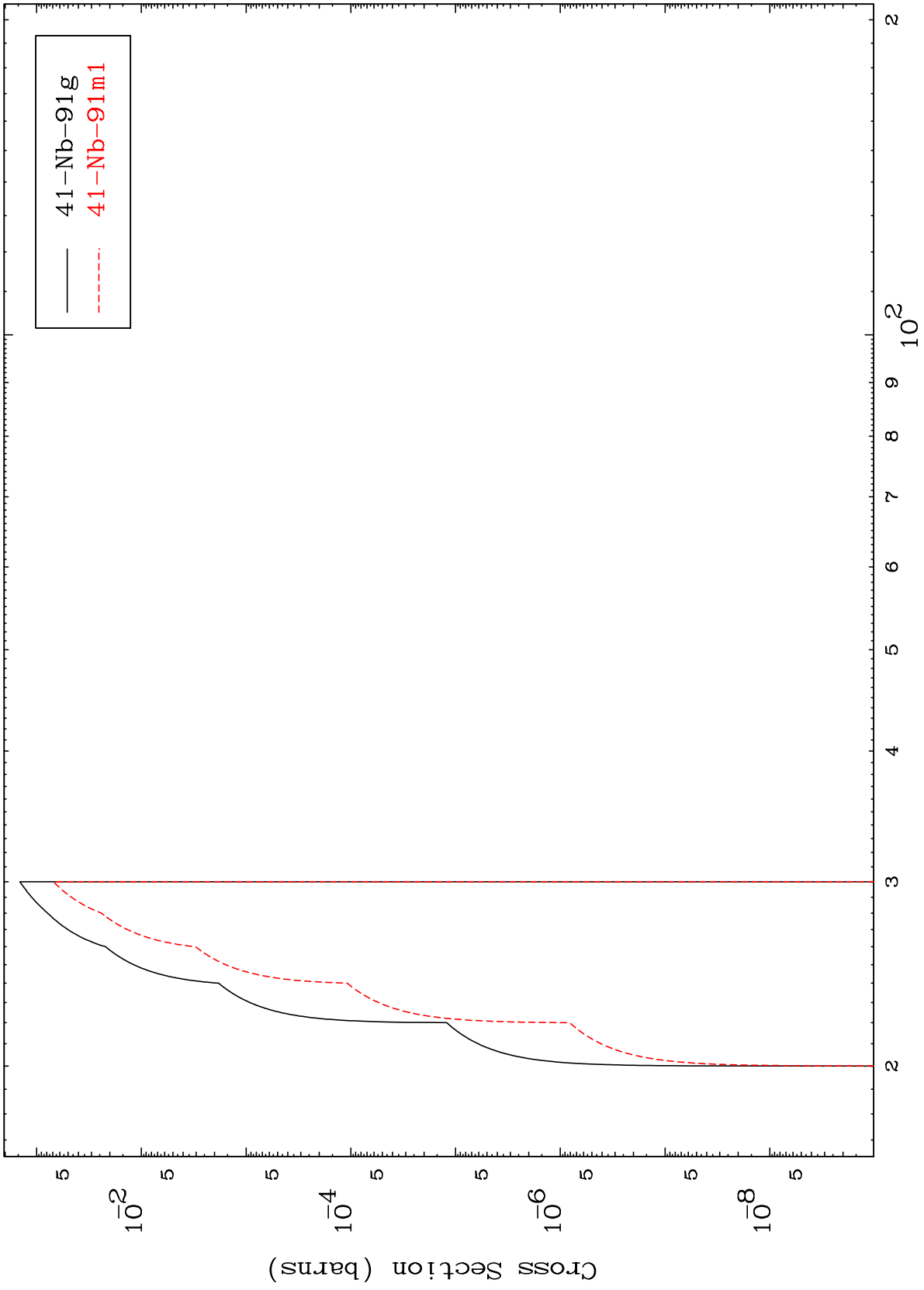
41-Nb-90

MAT 4116

($\alpha, 2n$) p

41-Nb-90

Radionuclide Production Cross Section



18

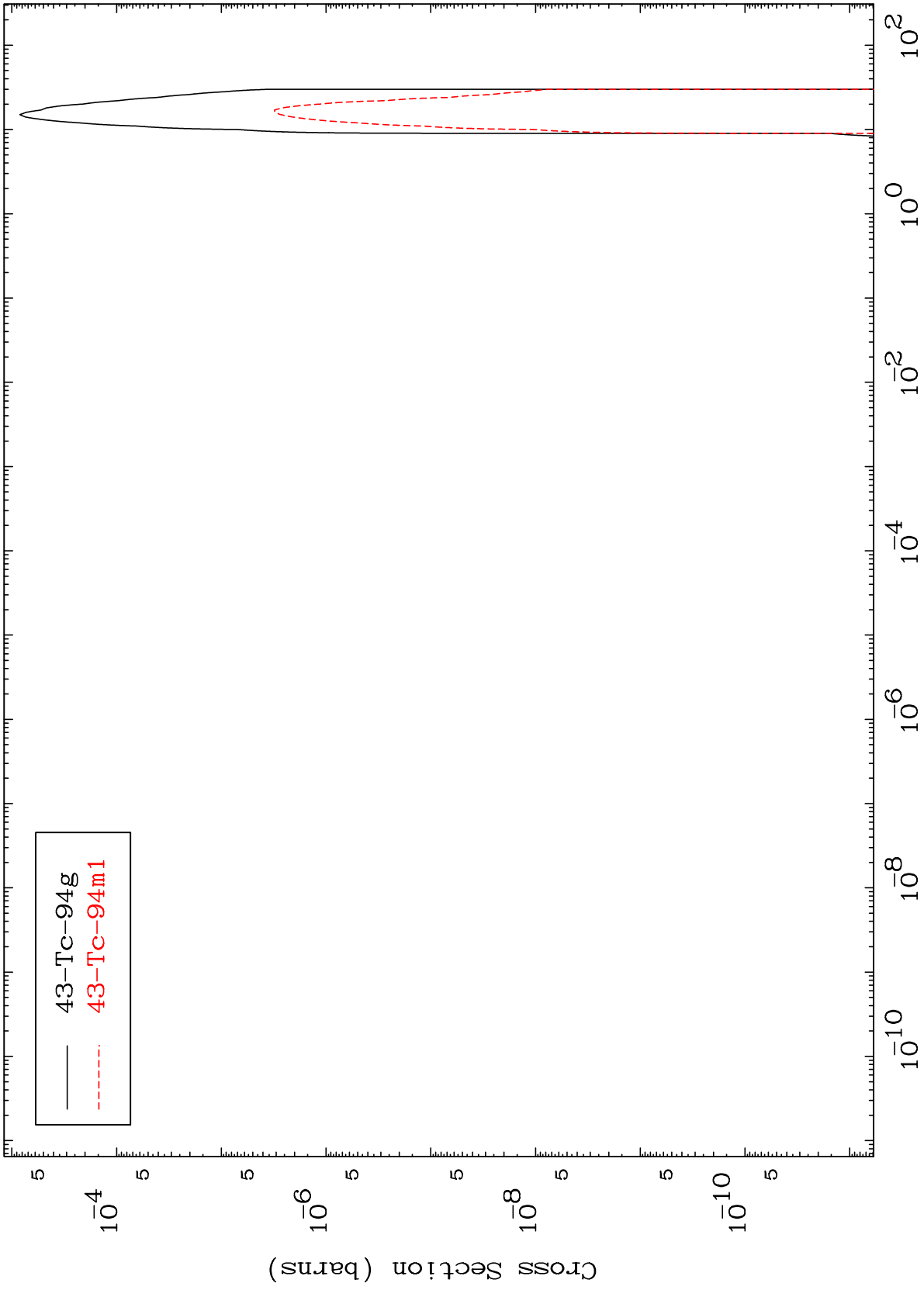
Incident Energy (MeV)

41-Nb-90

MAT 4116

Radionuclide Production Cross Section
(α, γ)

41-Nb-90



19

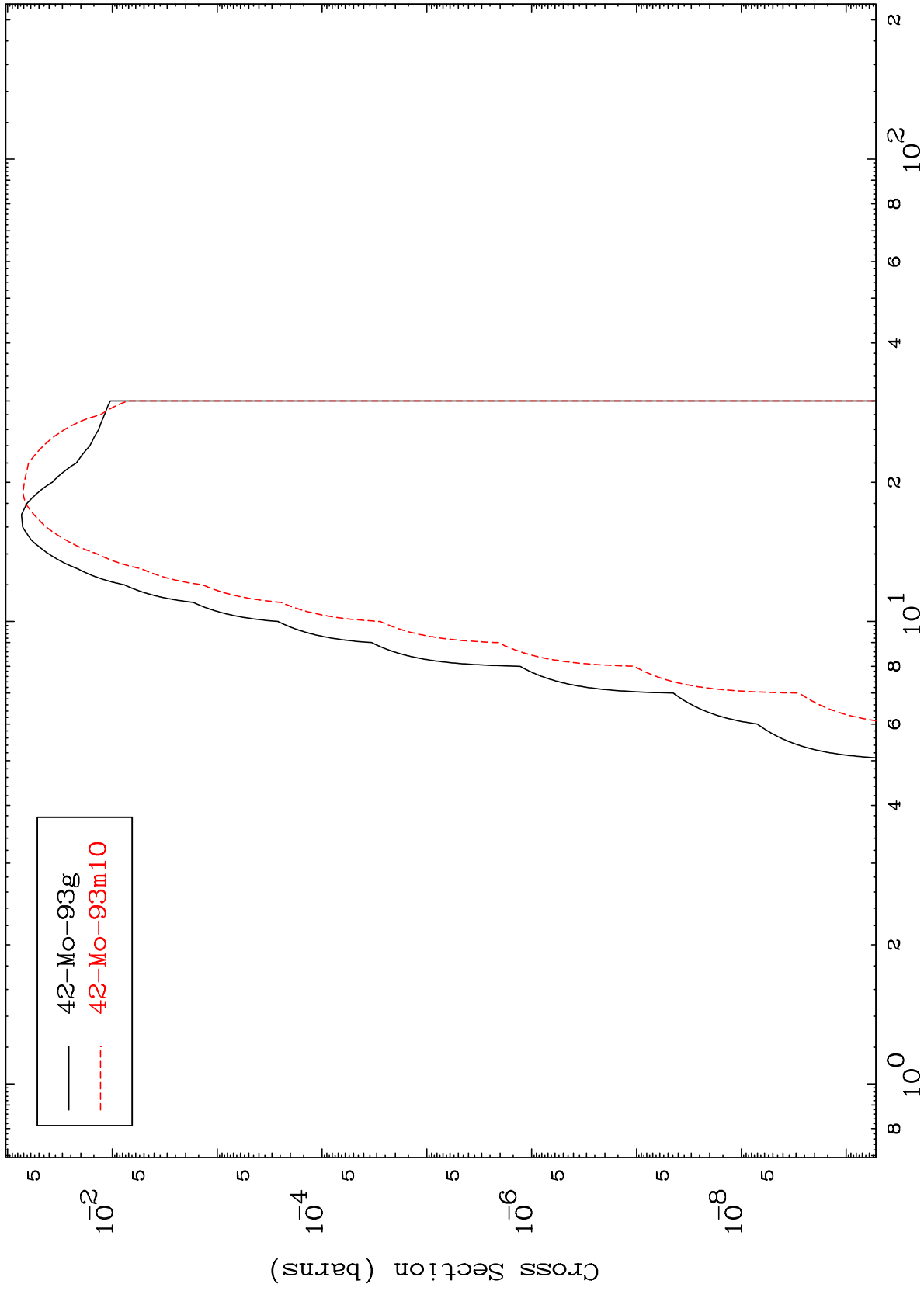
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section



— 42-Mo-93g
- - - 42-Mo-93m10

20

Incident Energy (MeV)

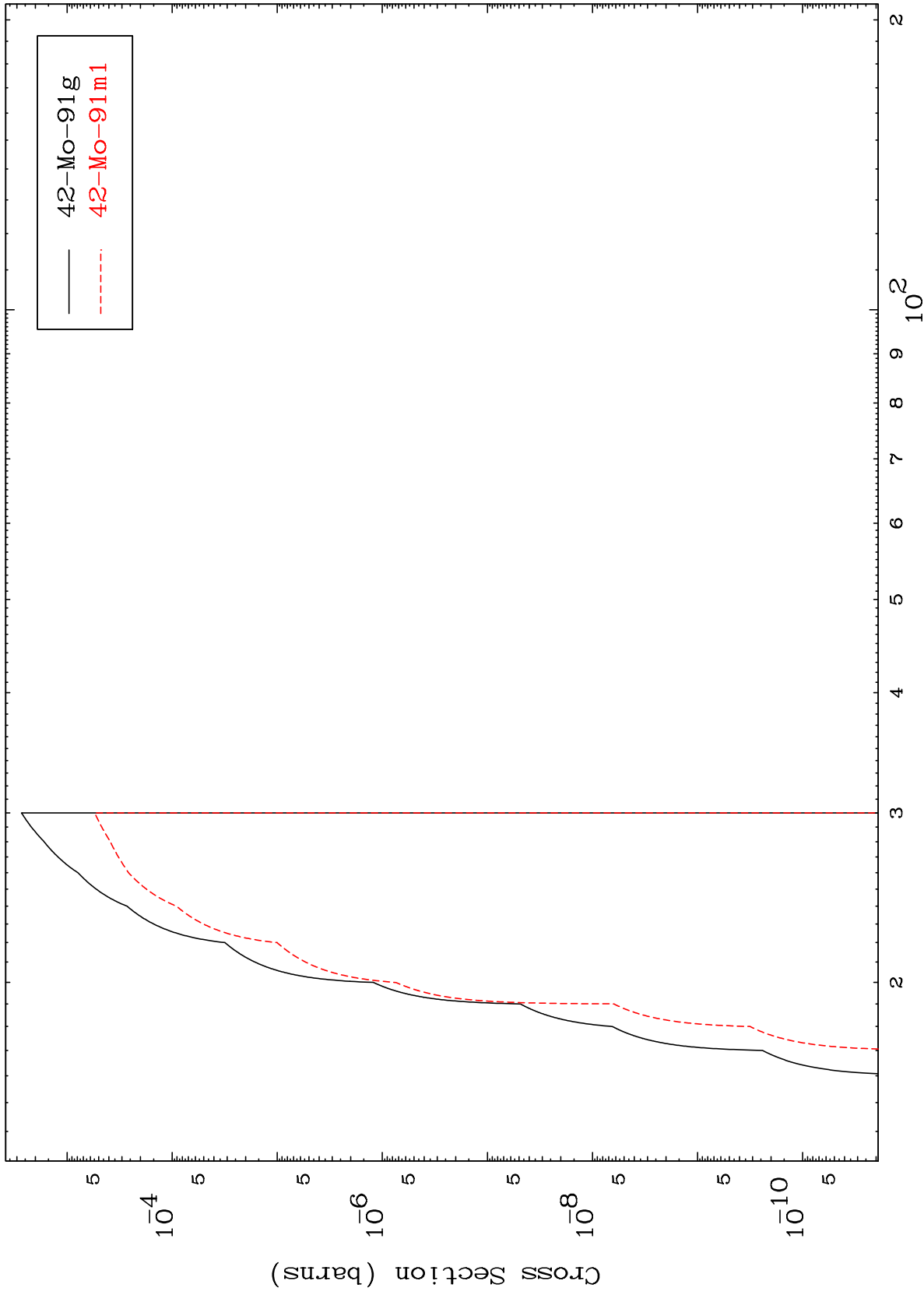
41-Nb-90

MAT 4116

(α, t)

41-Nb-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

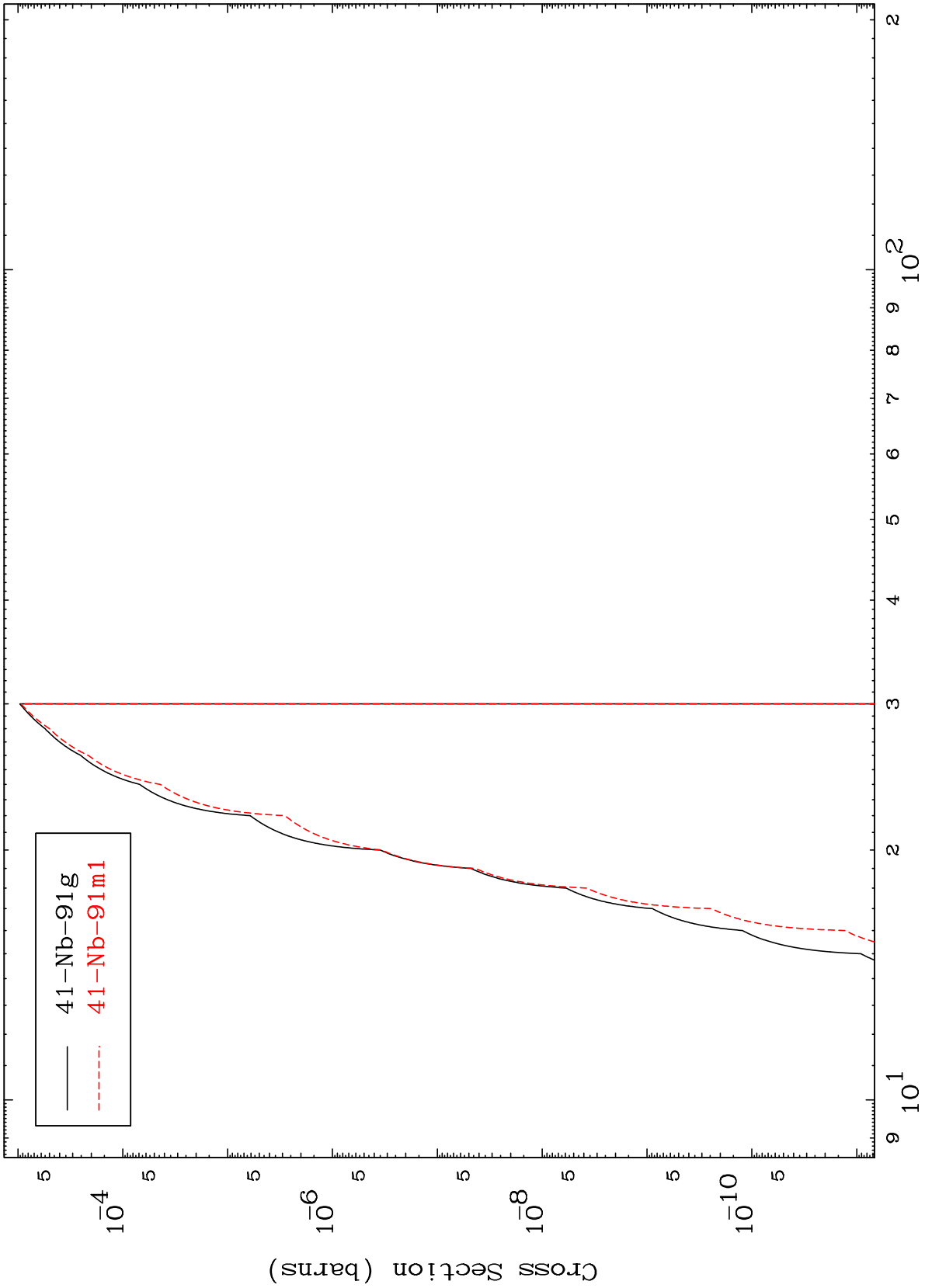
41-Nb-90

MAT 4116

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

41-Nb-90

Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

22

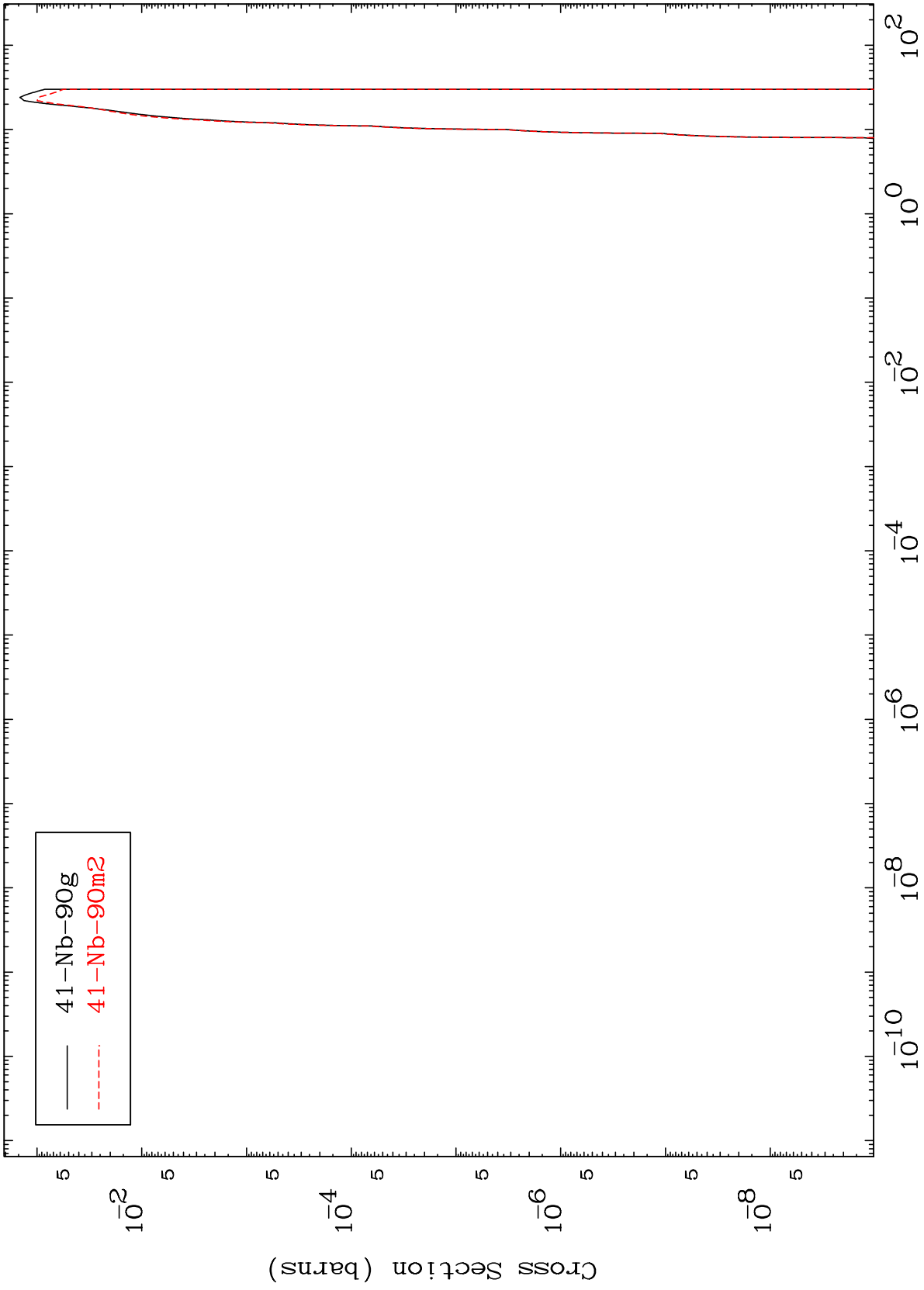
Incident Energy (MeV)

41-Nb-90

MAT 4116

(α, α)
Radionuclide Production Cross Section

41-Nb-90



23

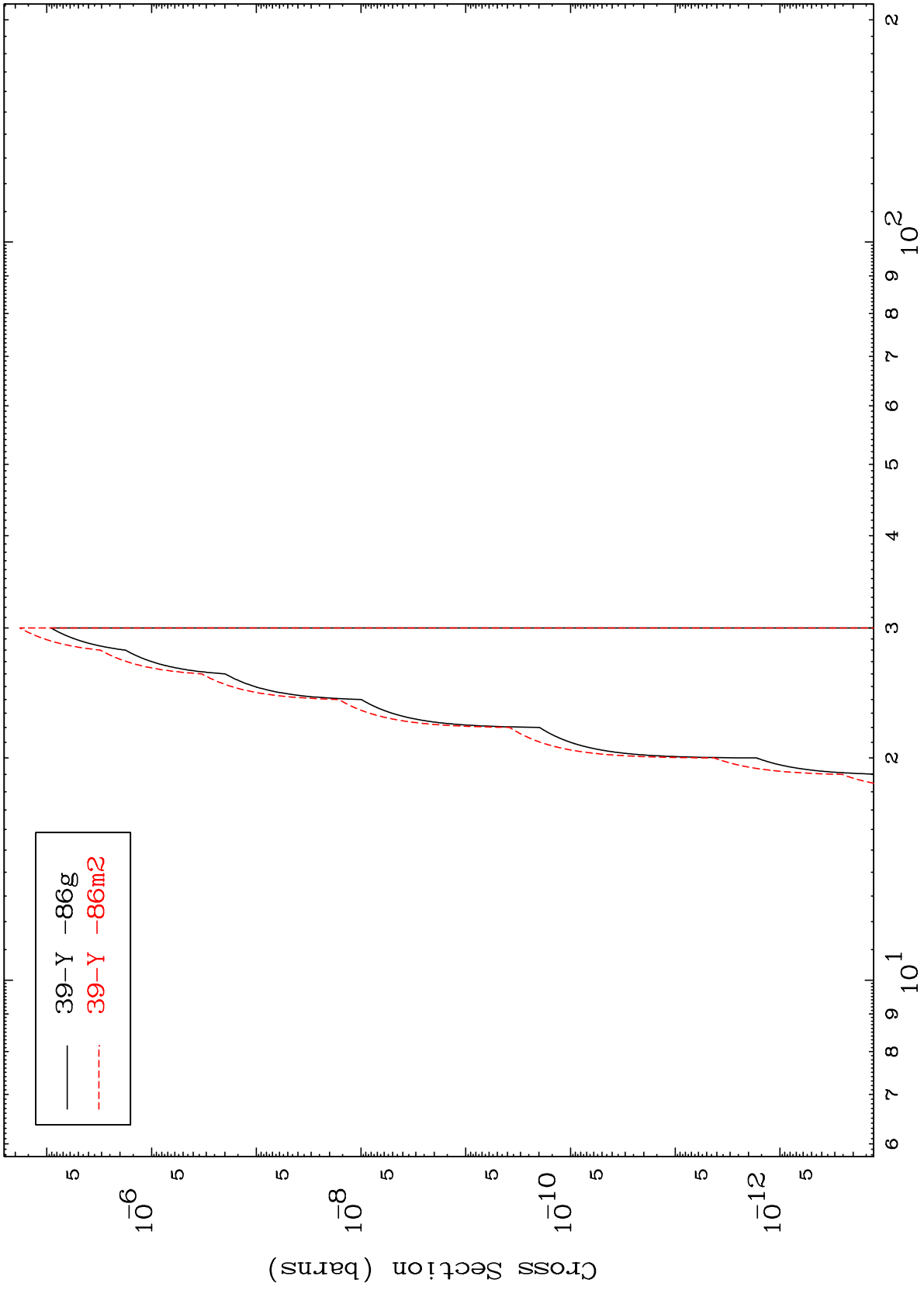
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

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



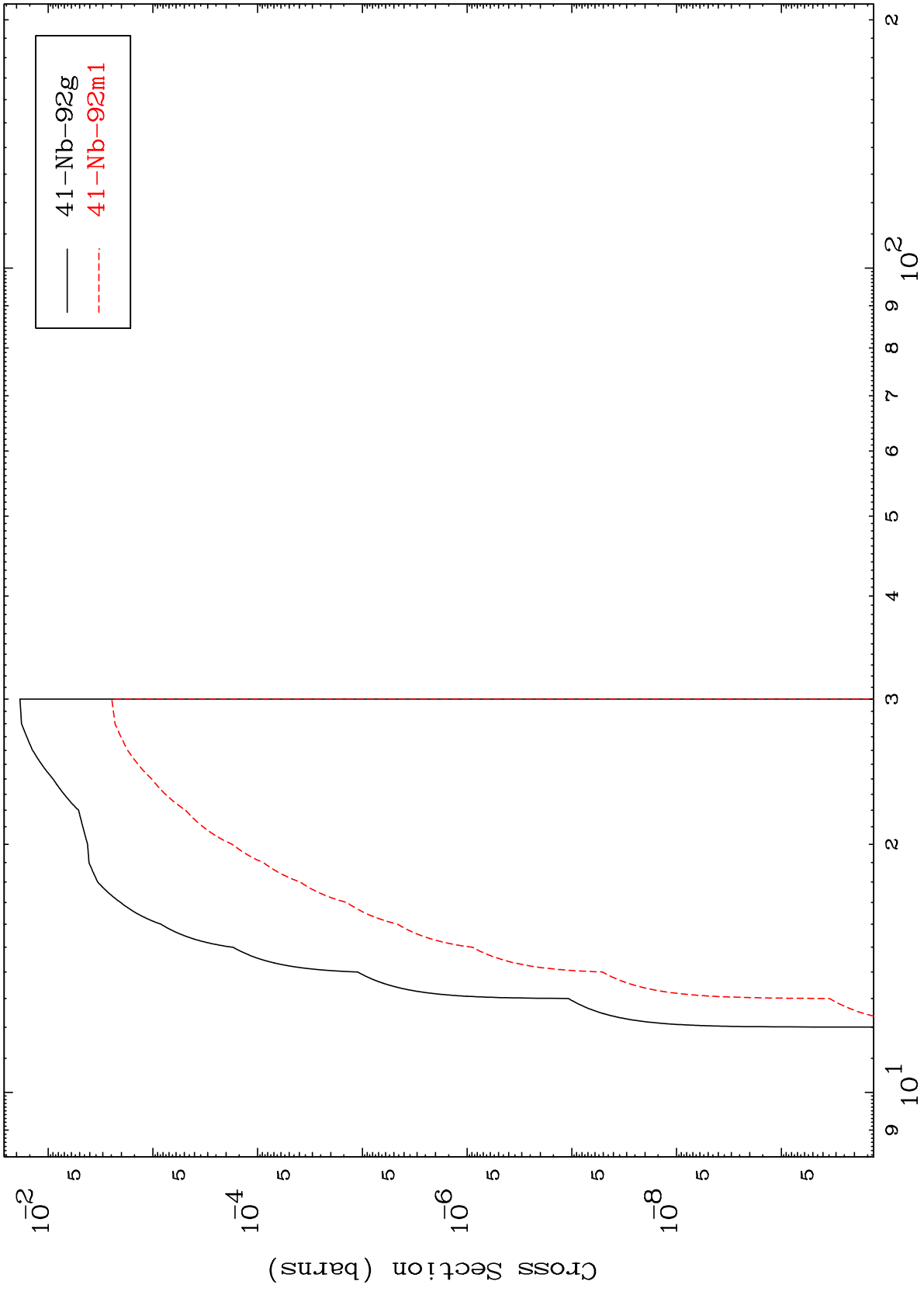
24

41-Nb-90

MAT 4116

41-Nb-90

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



25

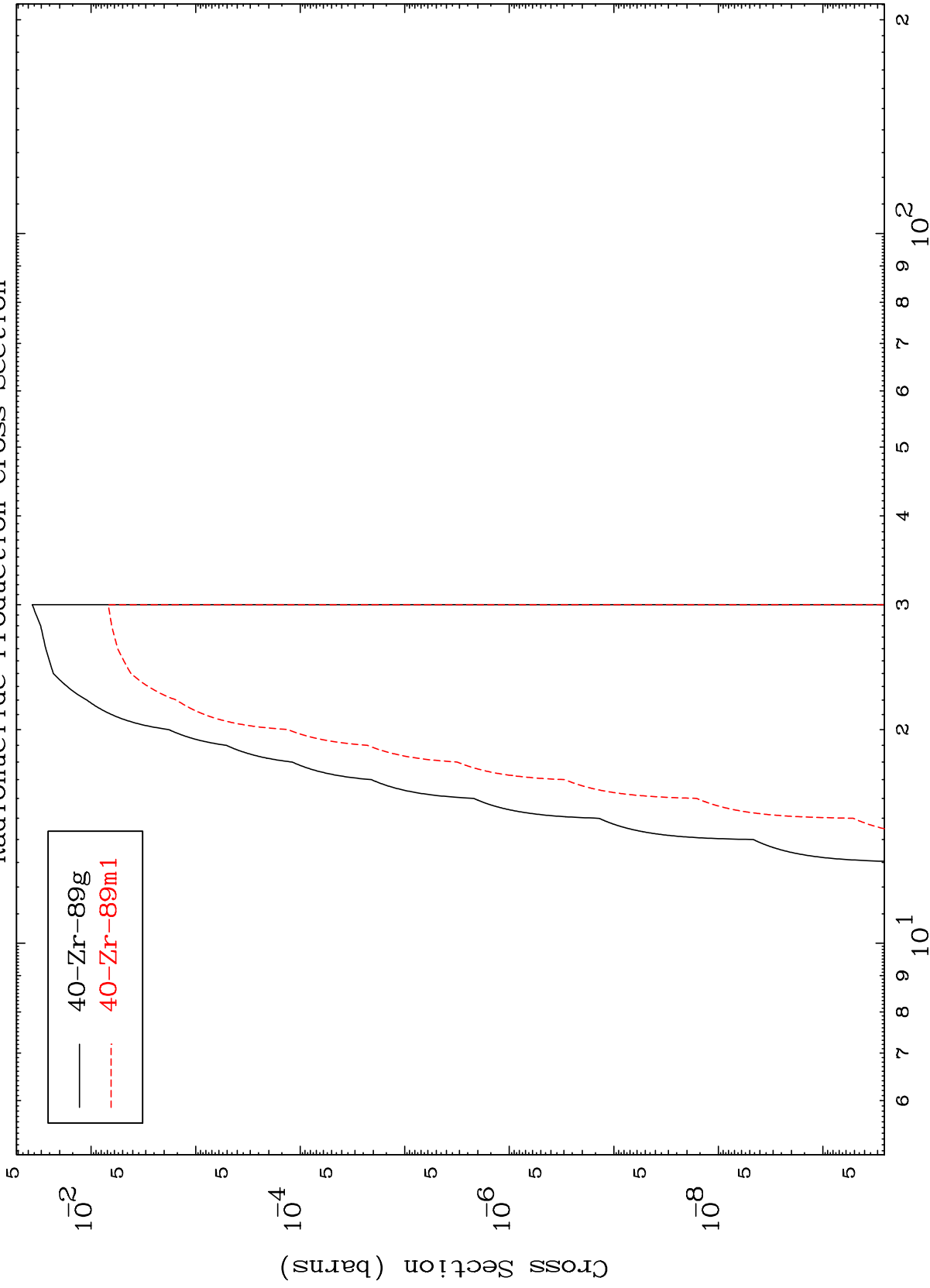
41-Nb-90

MAT 4116

(α, p) α

41-Nb-90

Radionuclide Production Cross Section



40-Zr-89g
40-Zr-89m1

26

Incident Energy (MeV)

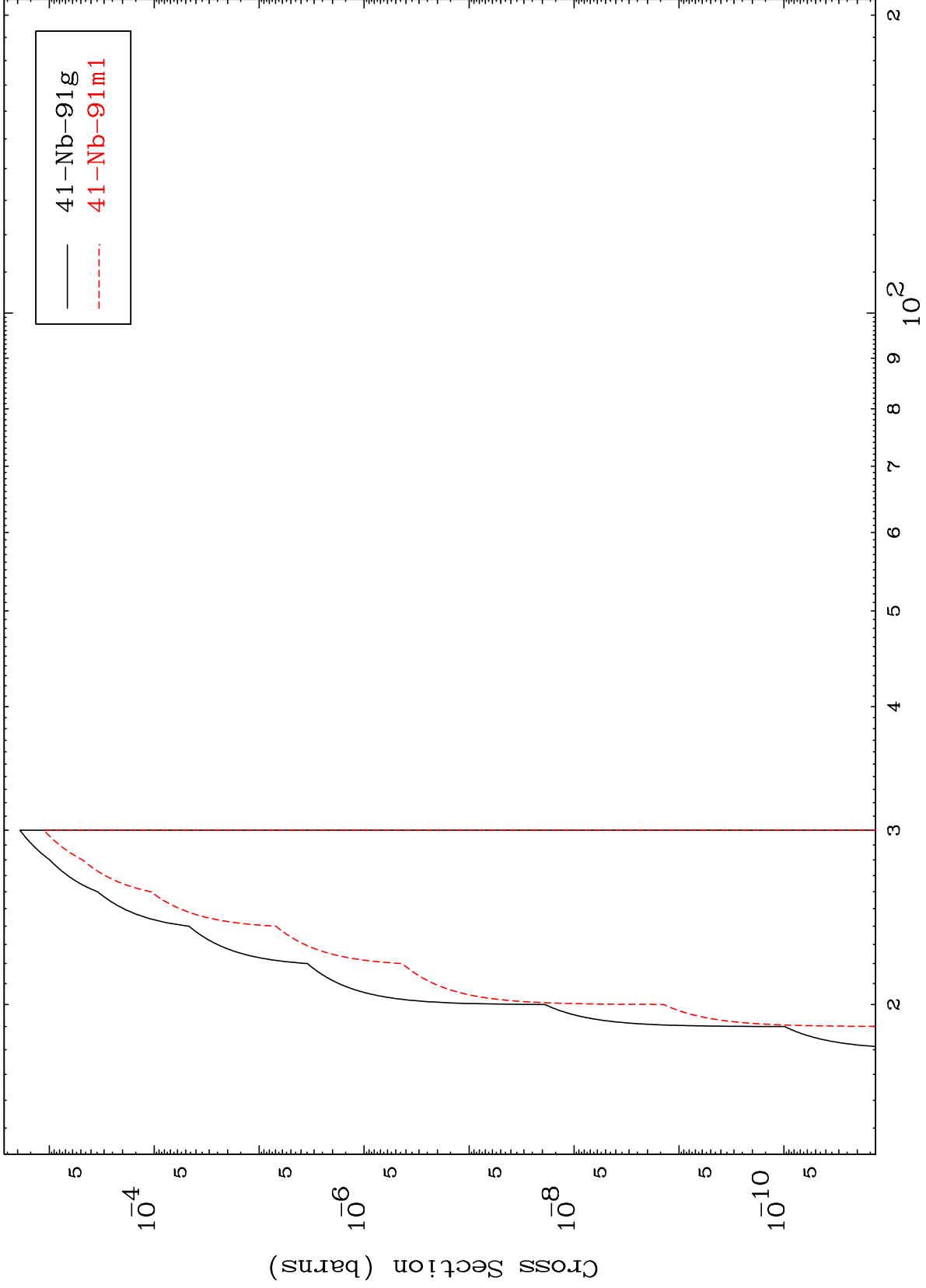
41-Nb-90

MAT 4116

(α, p) d

41-Nb-90

Radionuclide Production Cross Section



27

Incident Energy (MeV)

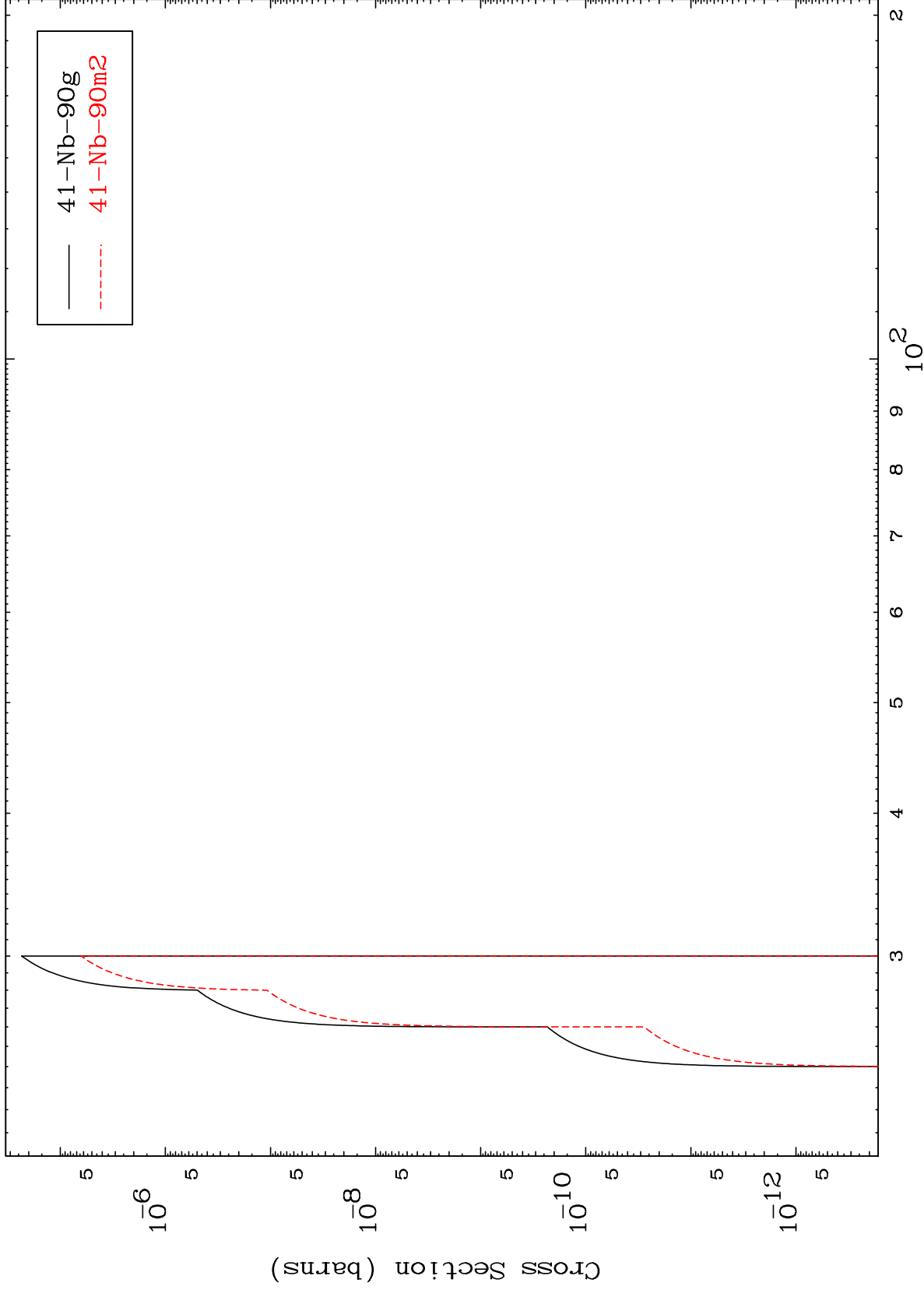
41-Nb-90

MAT 4116

(α, p) t

41-Nb-90

Radionuclide Production Cross Section



28

Incident Energy (MeV)

41-Nb-90