

Program EVALPLOT
(Version 2021-1)

by

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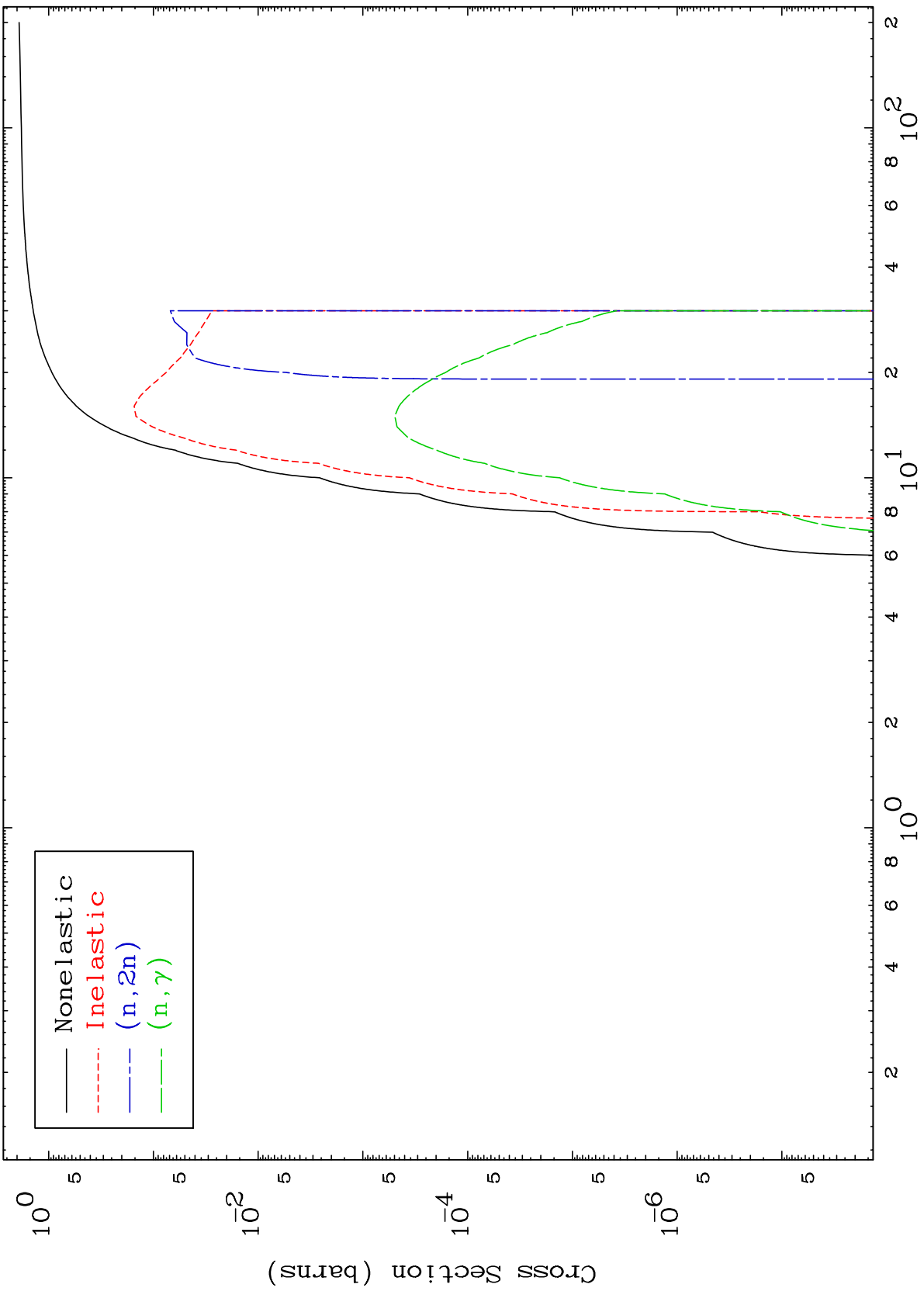
Press Mouse Button to Start

MAT 4114

α Major

41-Nb-89m

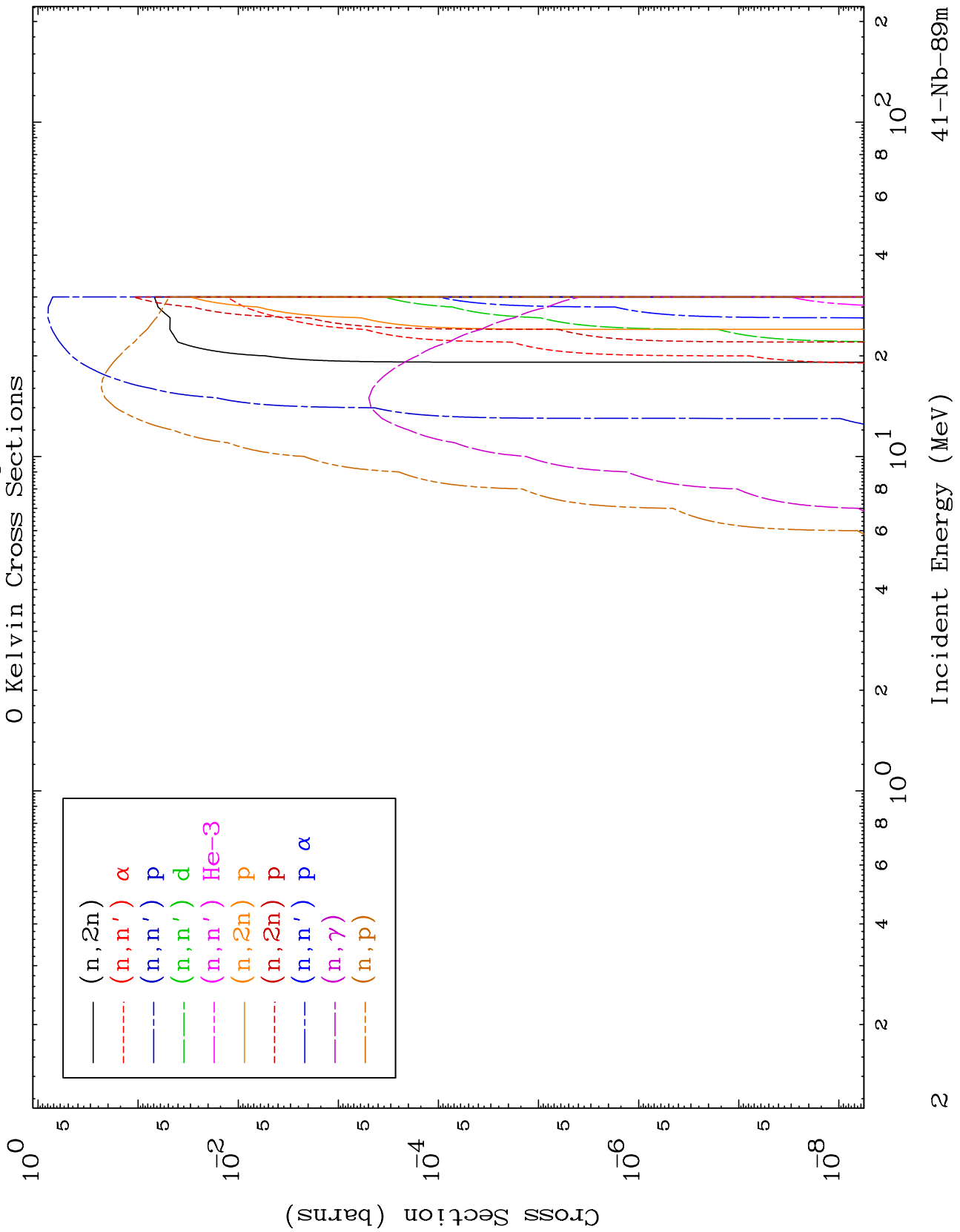
0 Kelvin Cross Sections



MAT 4114

α Neutron Absorption

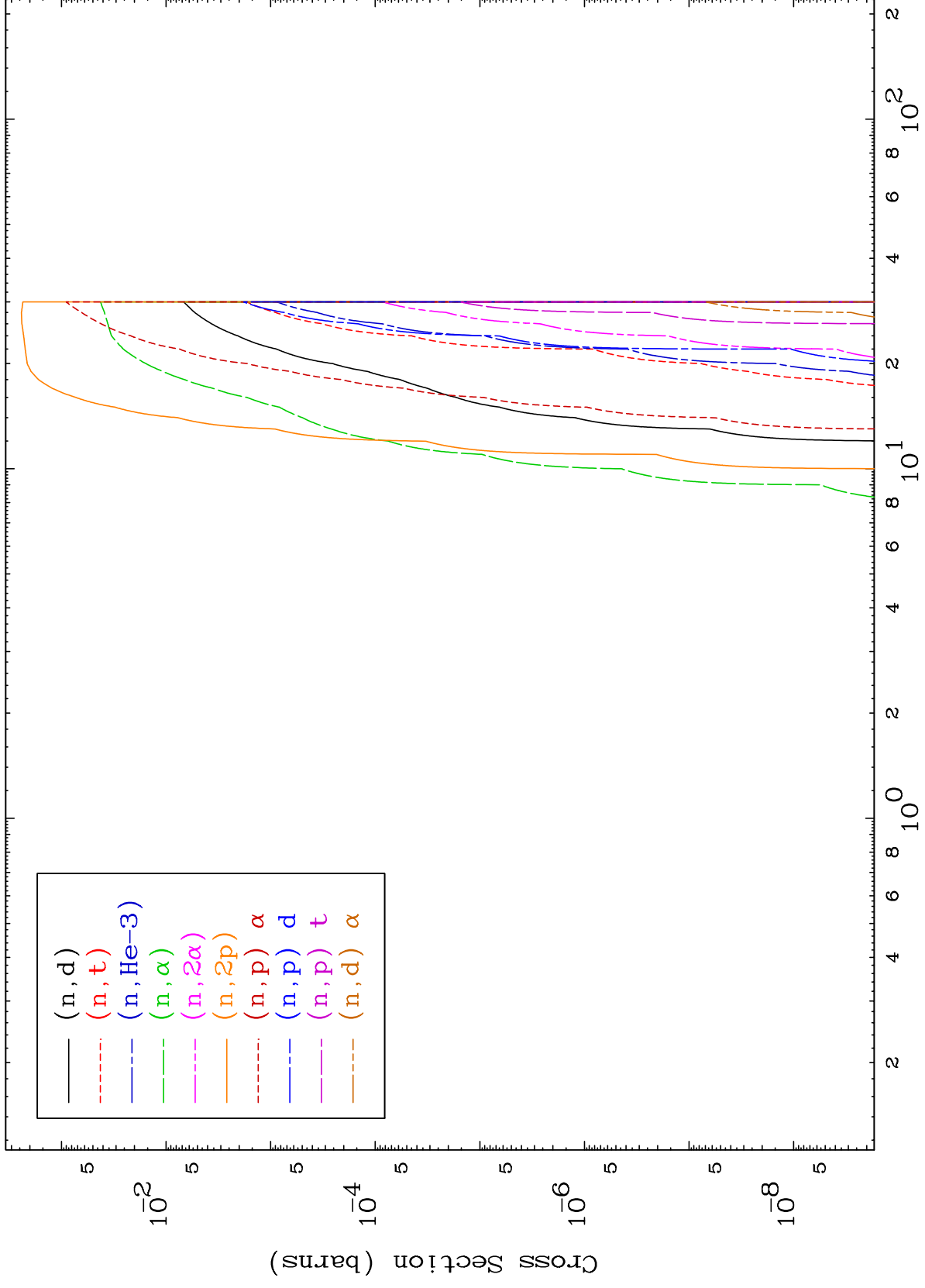
41-Nb-89m



MAT 4114

α Neutron Absorption
0 Kelvin Cross Sections

41-Nb-89m



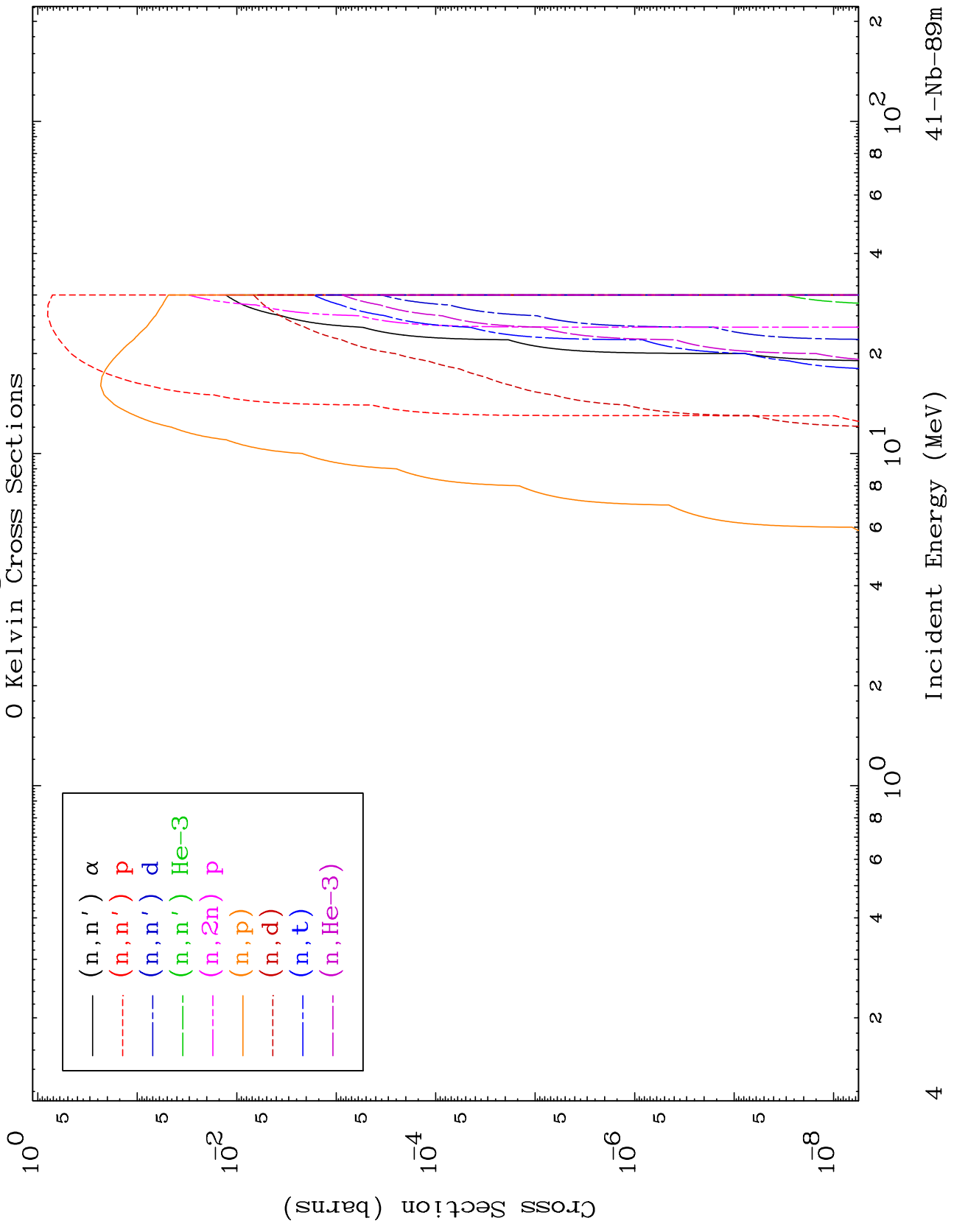
Incident Energy (MeV)

41-Nb-89m

MAT 4114

α Charged Particle
0 Kelvin Cross Sections

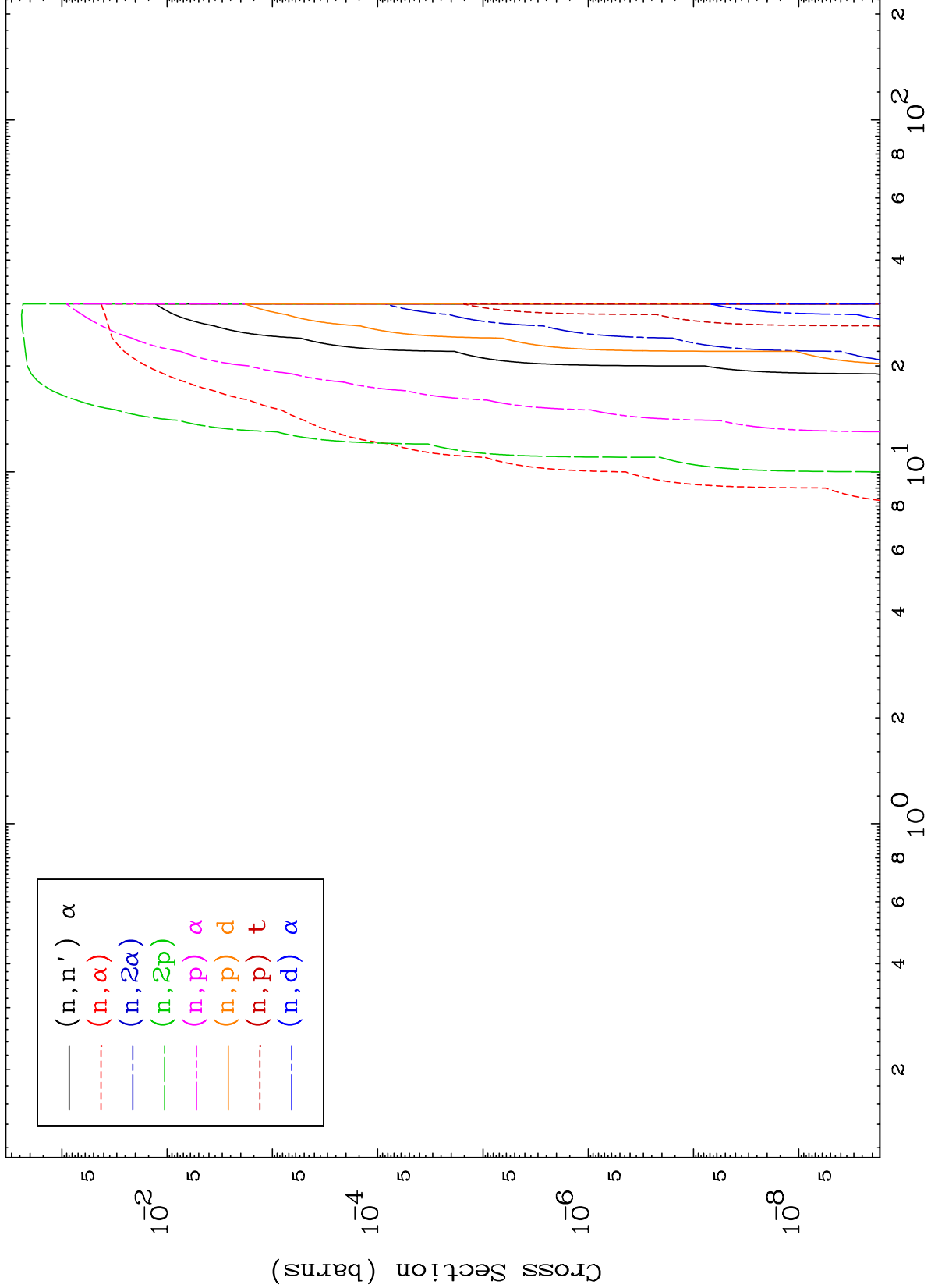
41-Nb-89m



MAT 4114

α Charged Particle
0 Kelvin Cross Sections

41-Nb-89m

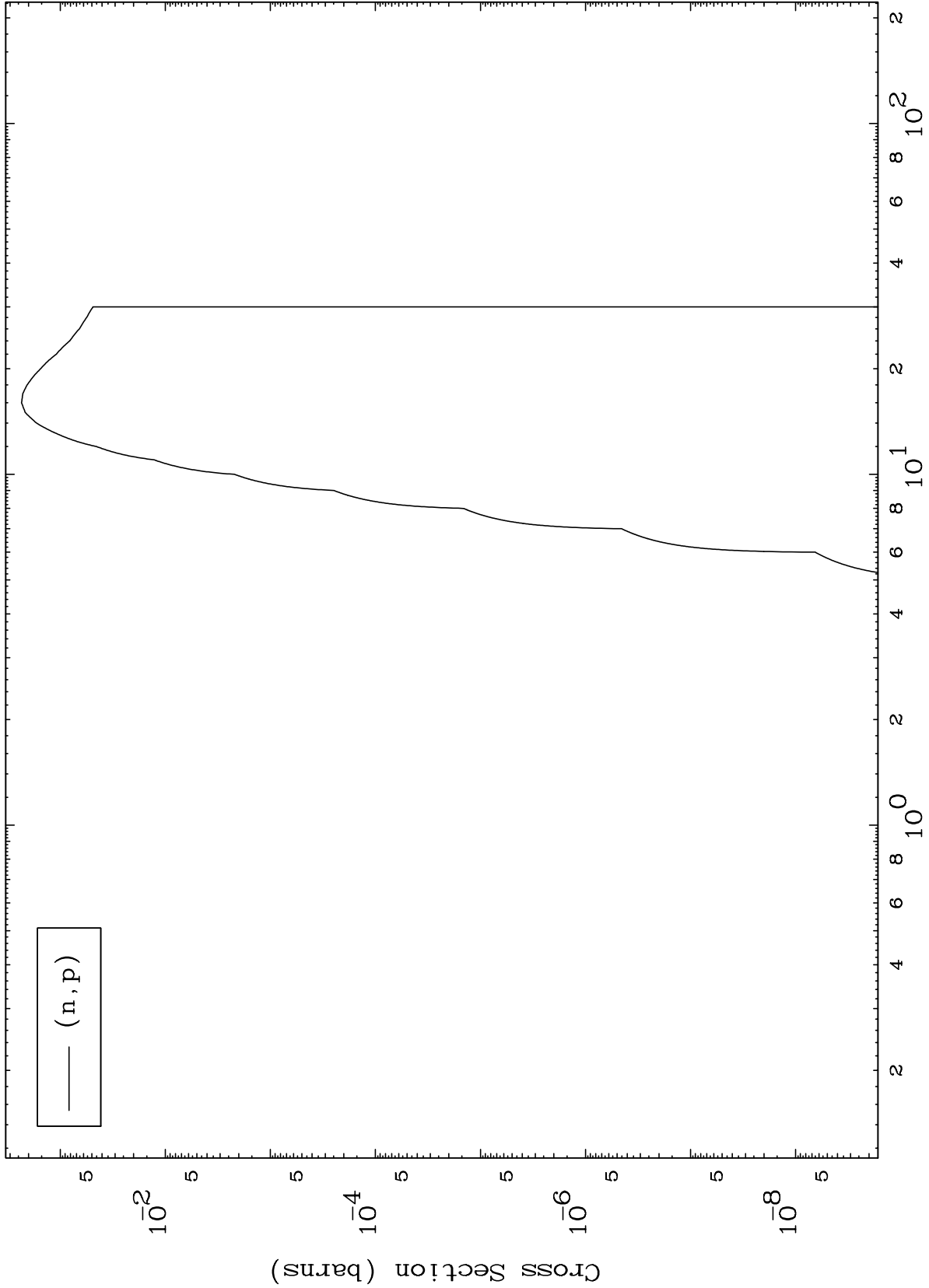


MAT 4114

(α, p) Levels

41-Nb-89m

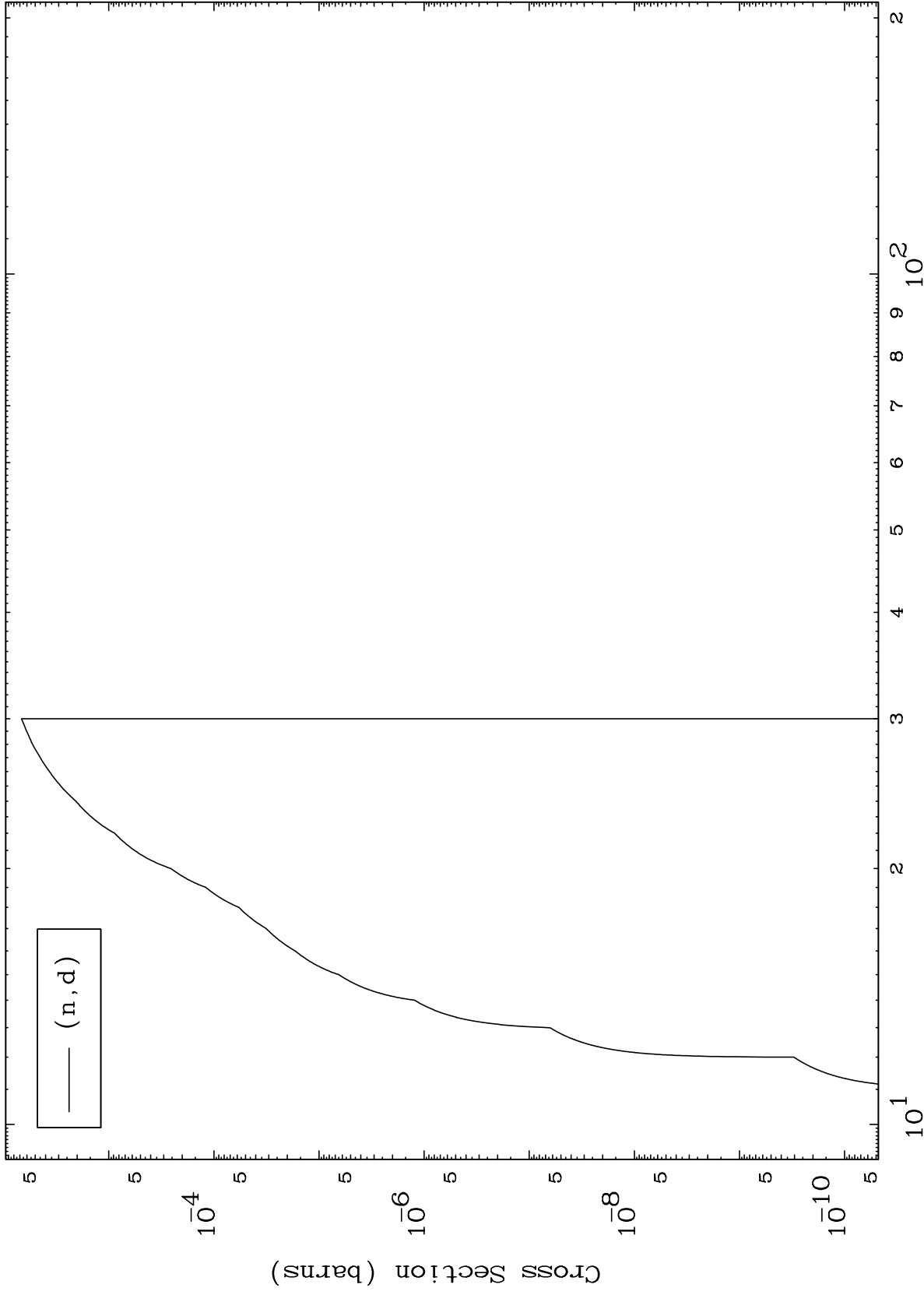
0 Kelvin Cross Sections



MAT 4114

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-89m



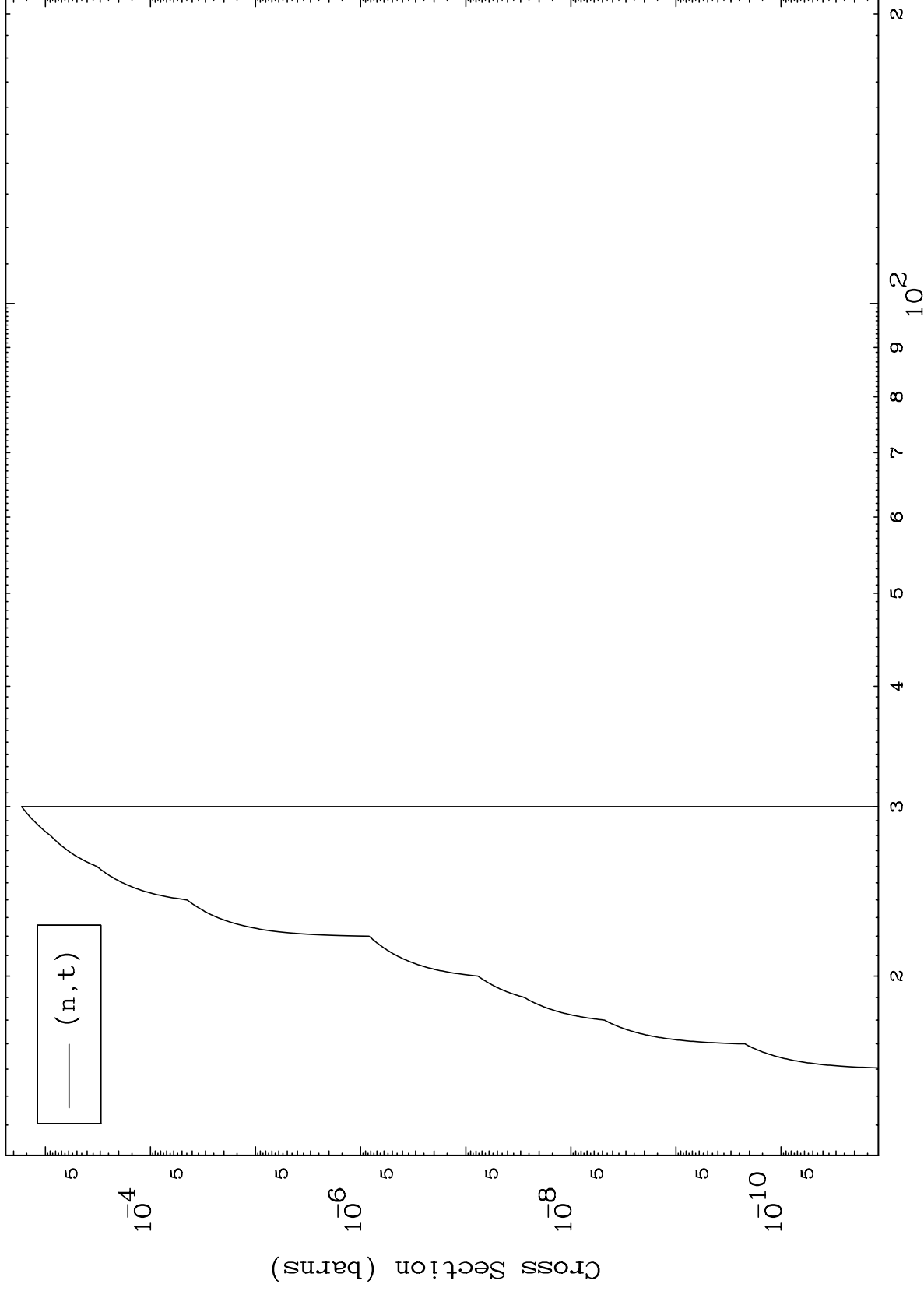
Incident Energy (MeV)

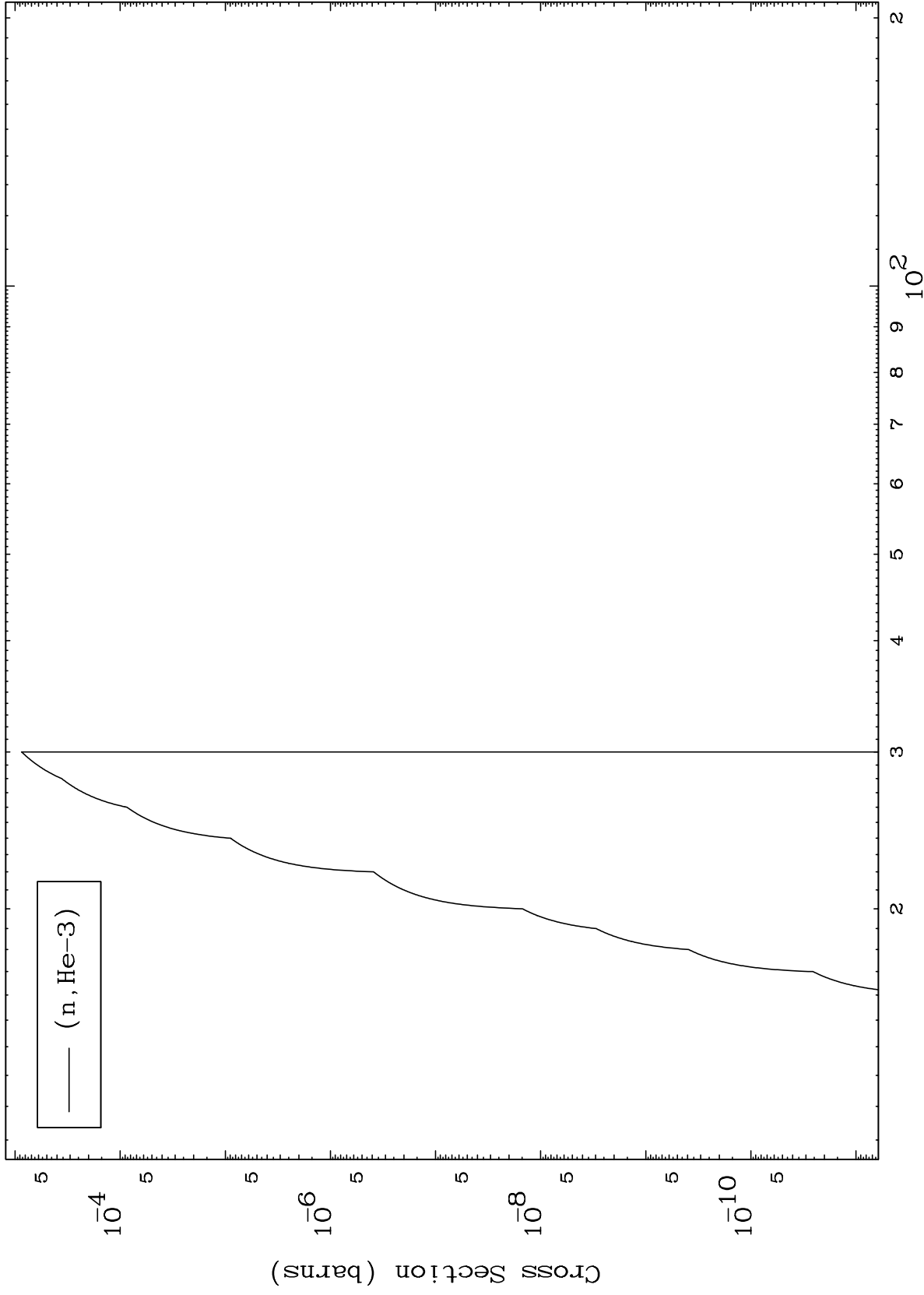
41-Nb-89m

MAT 4114

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-89m



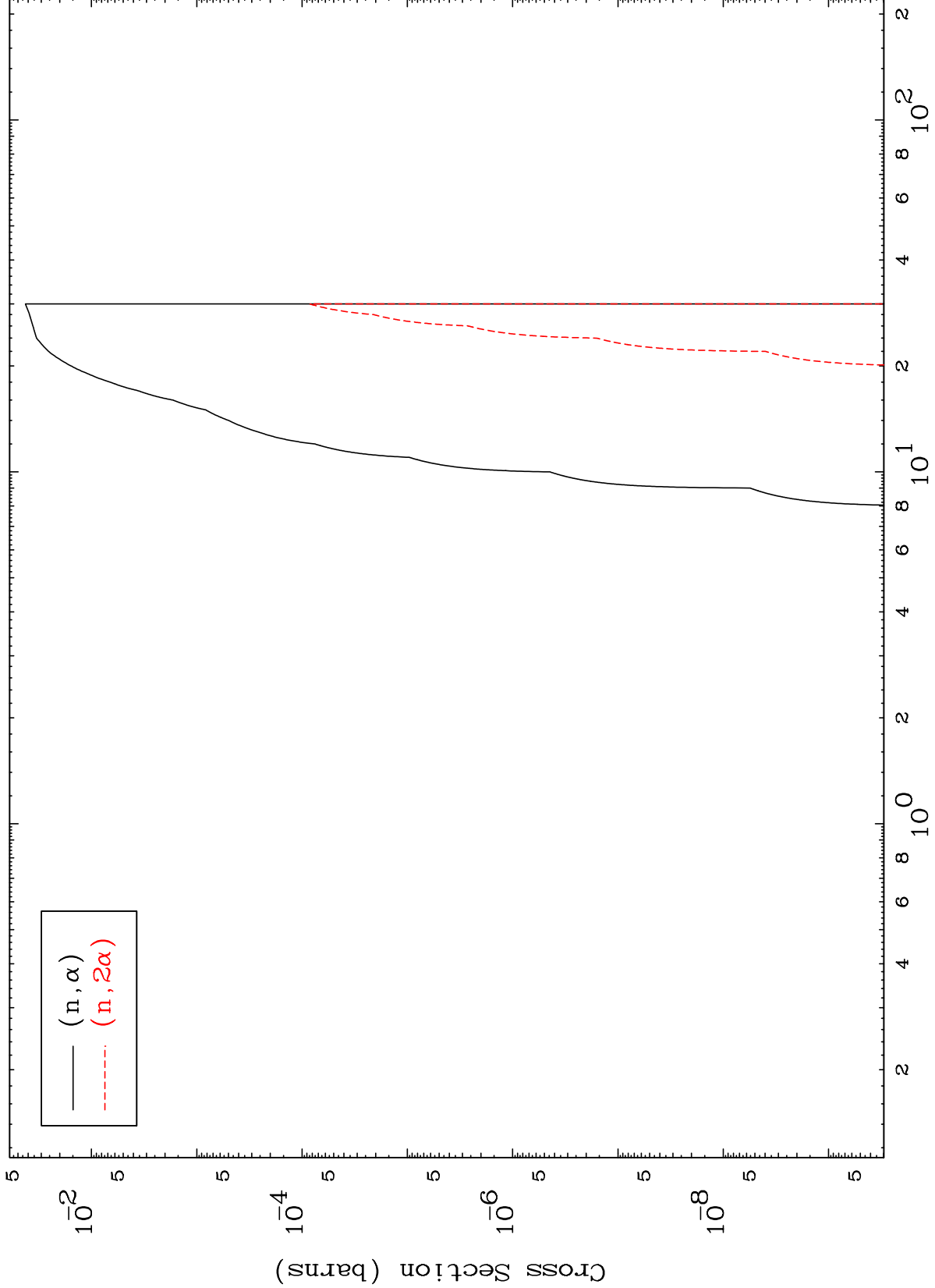


MAT 4114

(α, α) Levels

41-Nb-89m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

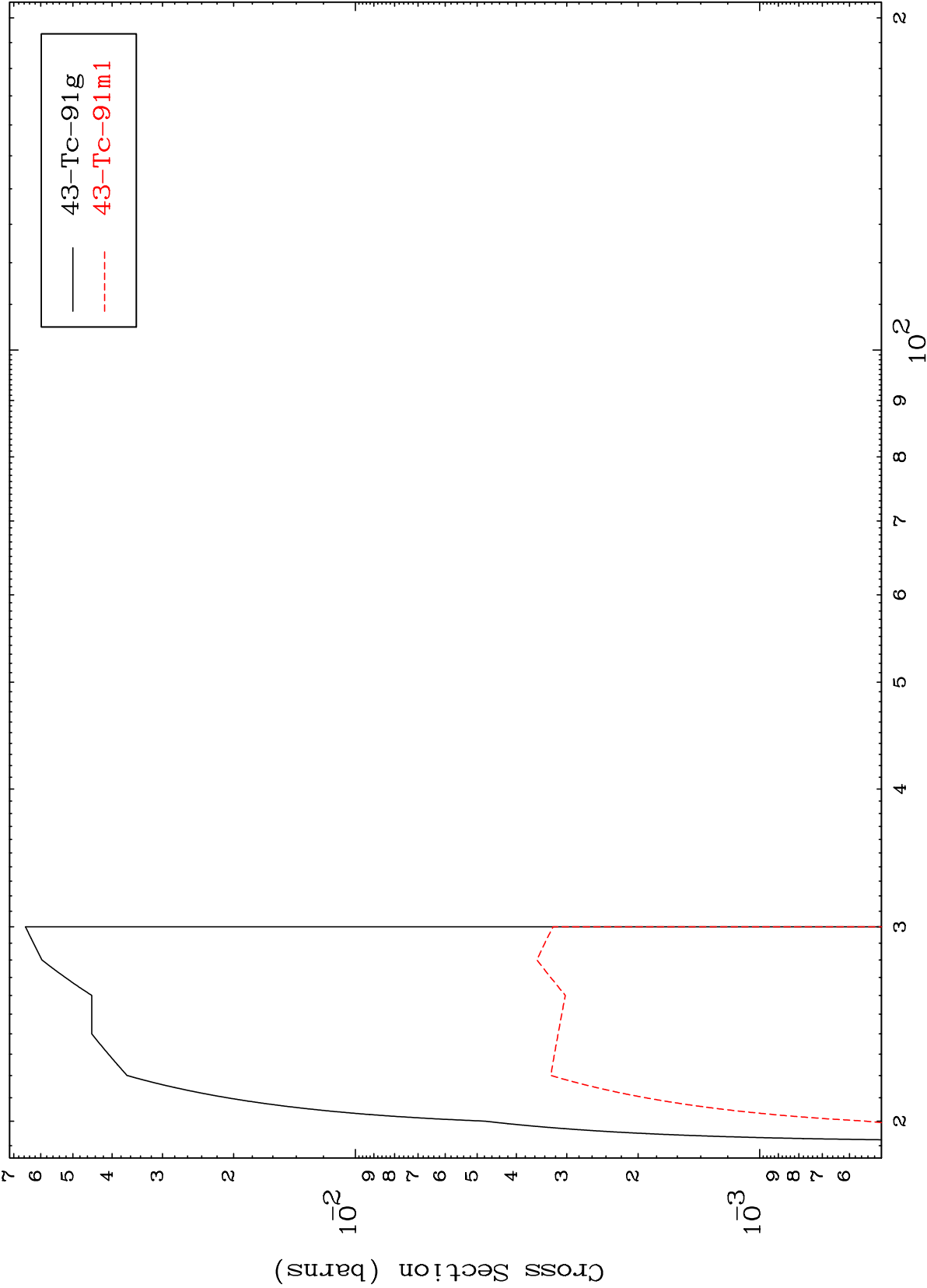
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,2n)
Radionuclide Production Cross Section



43-Tc-91g
43-Tc-91m1

11

Incident Energy (MeV)

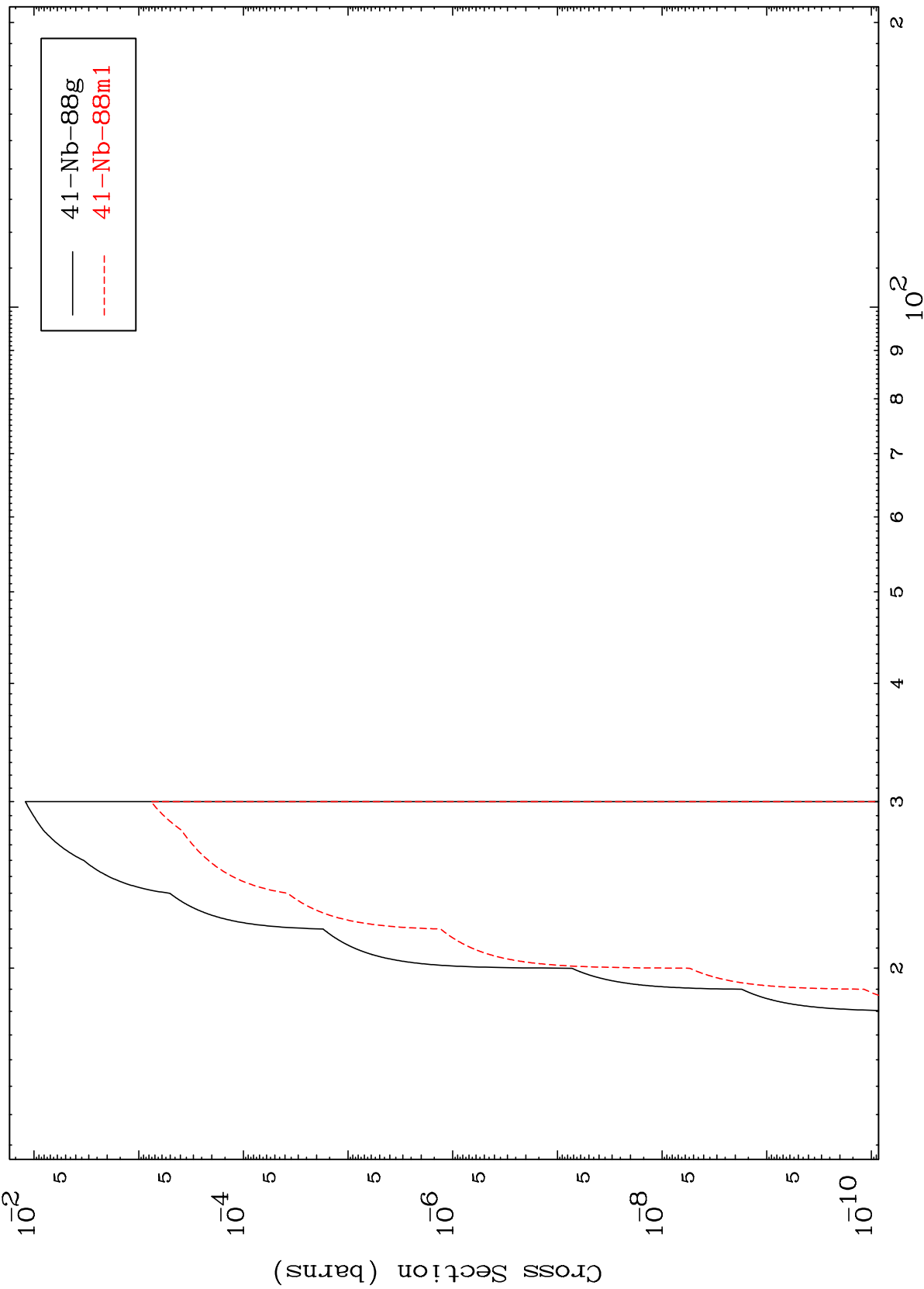
41-Nb-89m

MAT 4114

$(n, n') \alpha$

41-Nb-89m

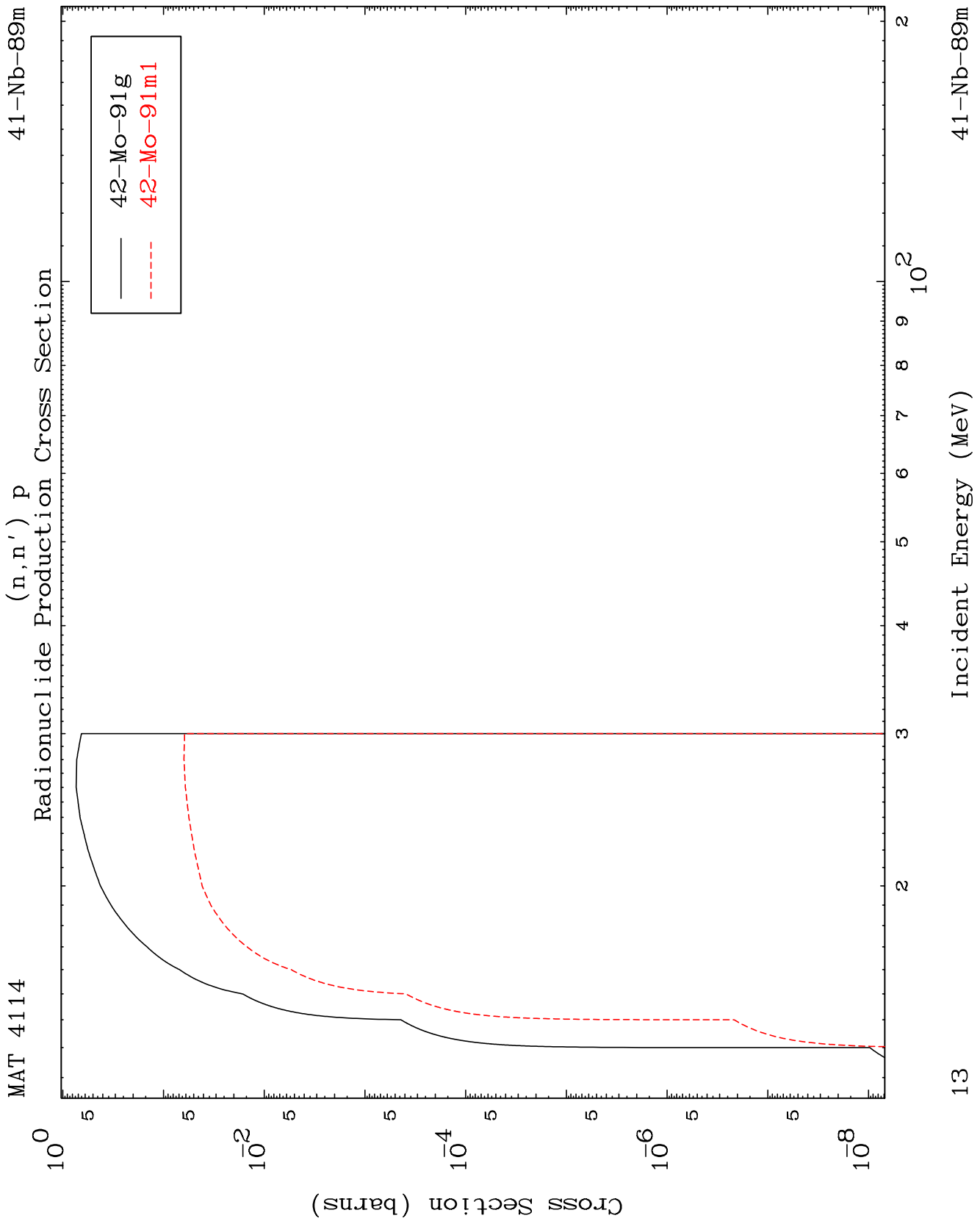
Radionuclide Production Cross Section



12

Incident Energy (MeV)

41-Nb-89m

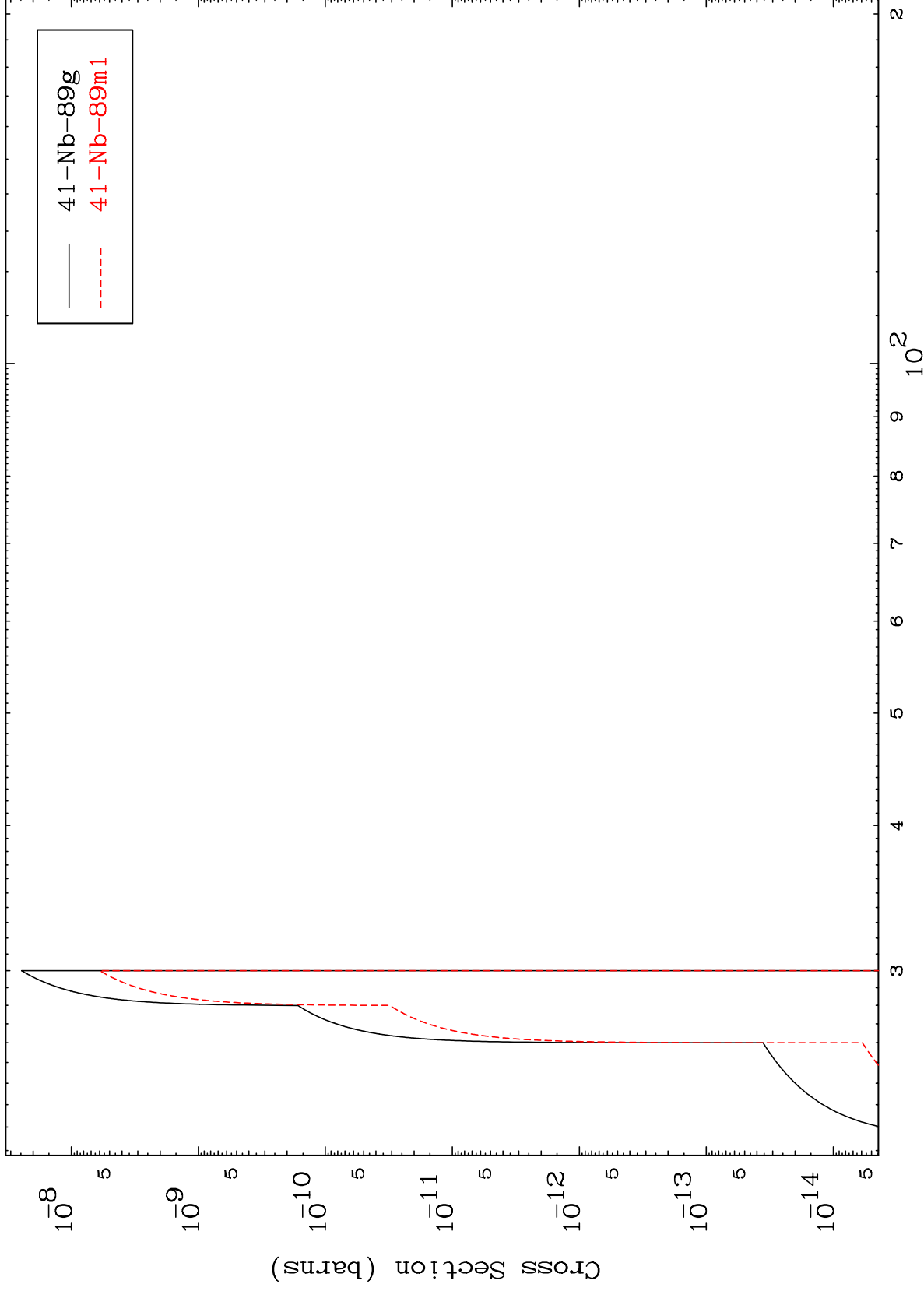


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(n,n') He-3

41-Nb-89m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

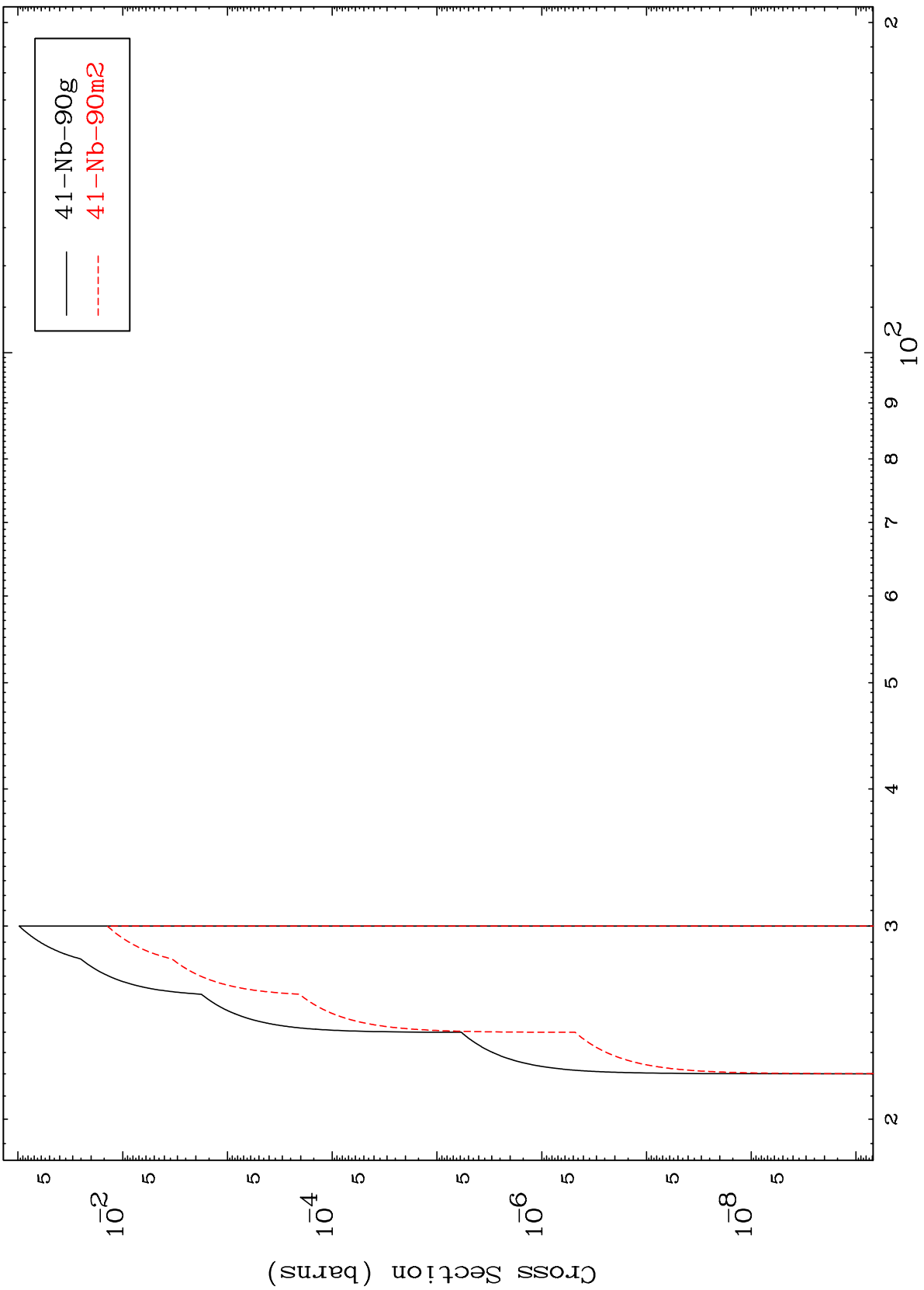
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



15

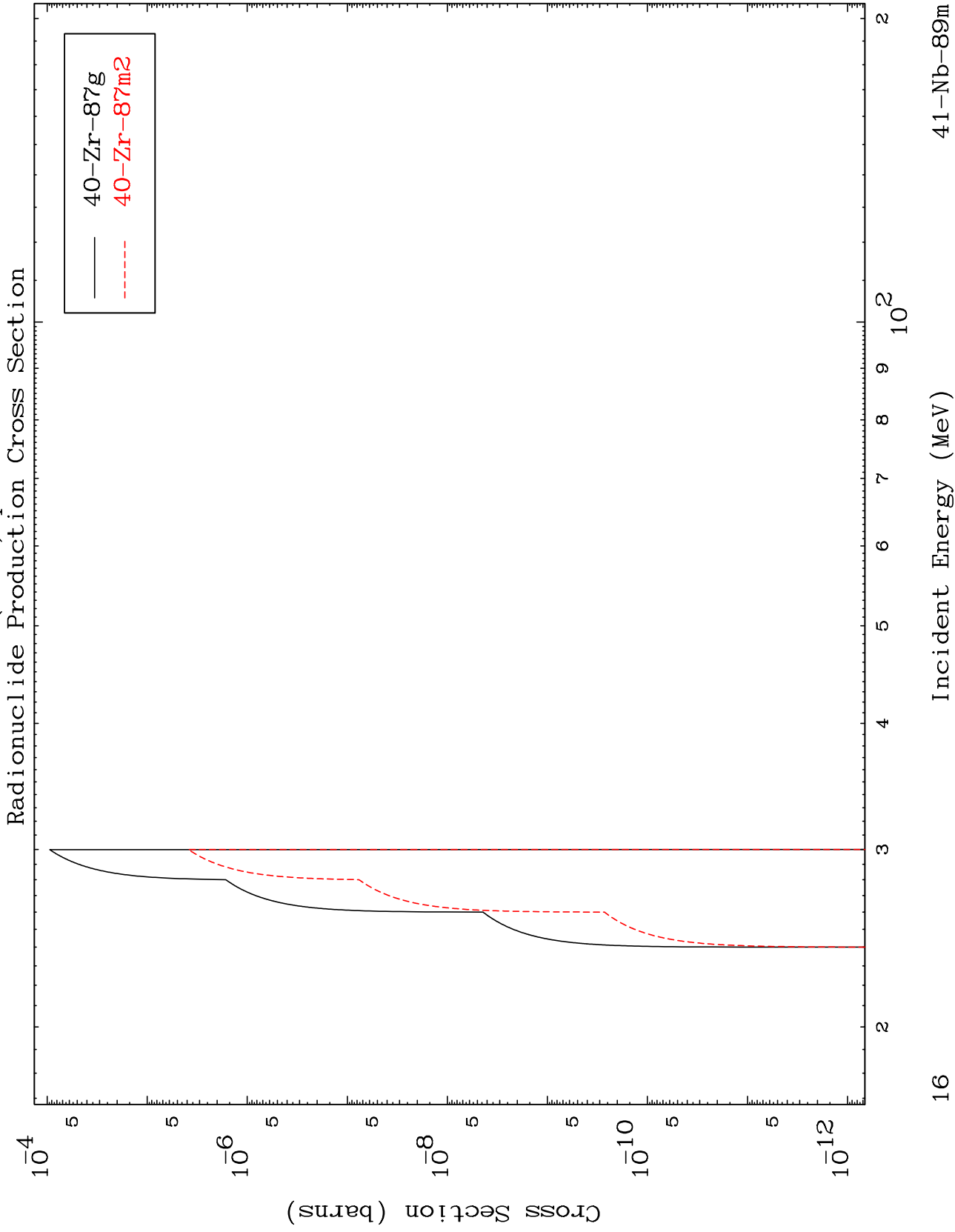
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,n') p α

41-Nb-89m



16

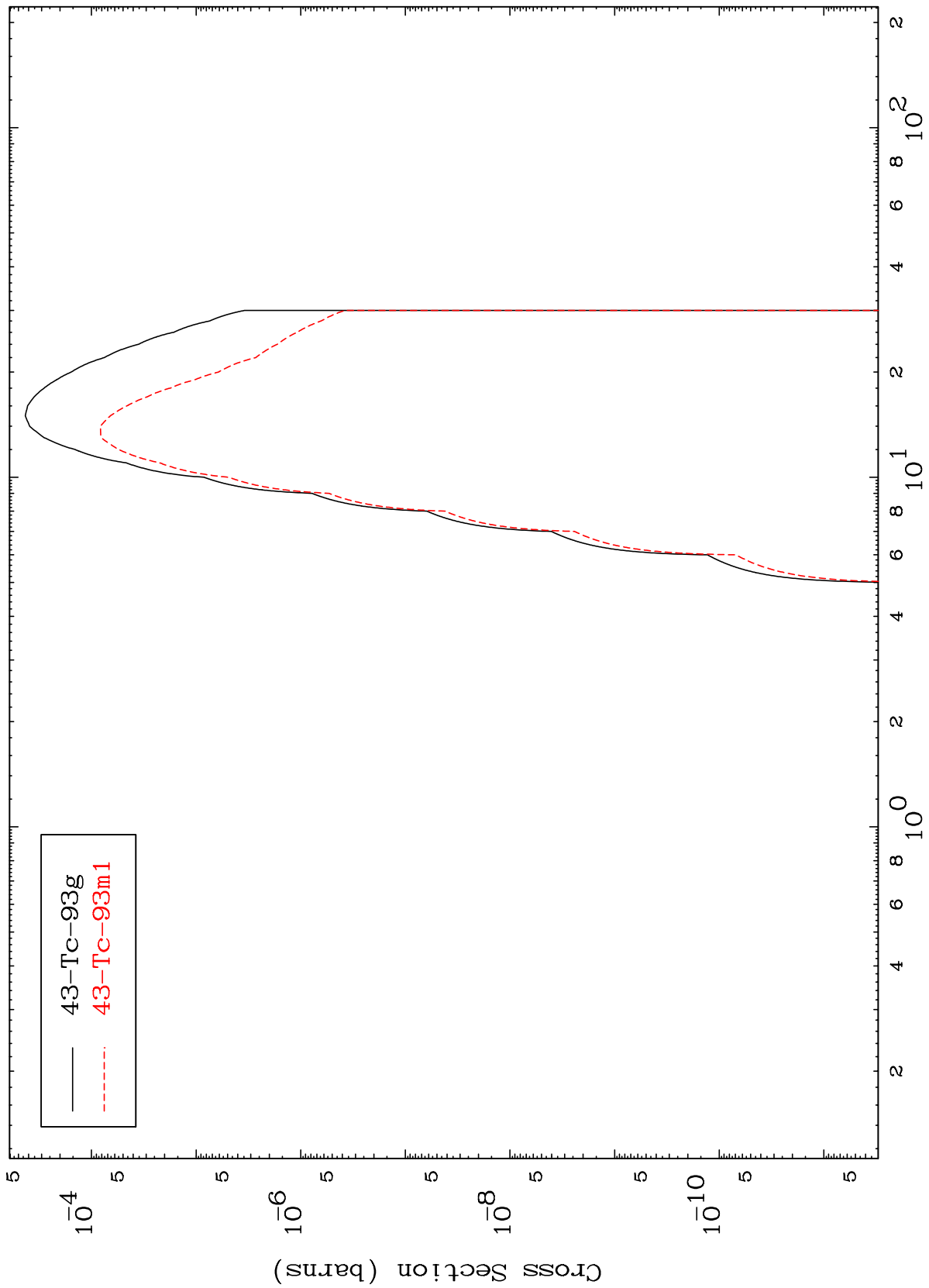
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

Radionuclide Production Cross Section
(n, γ)



41-Nb-89m

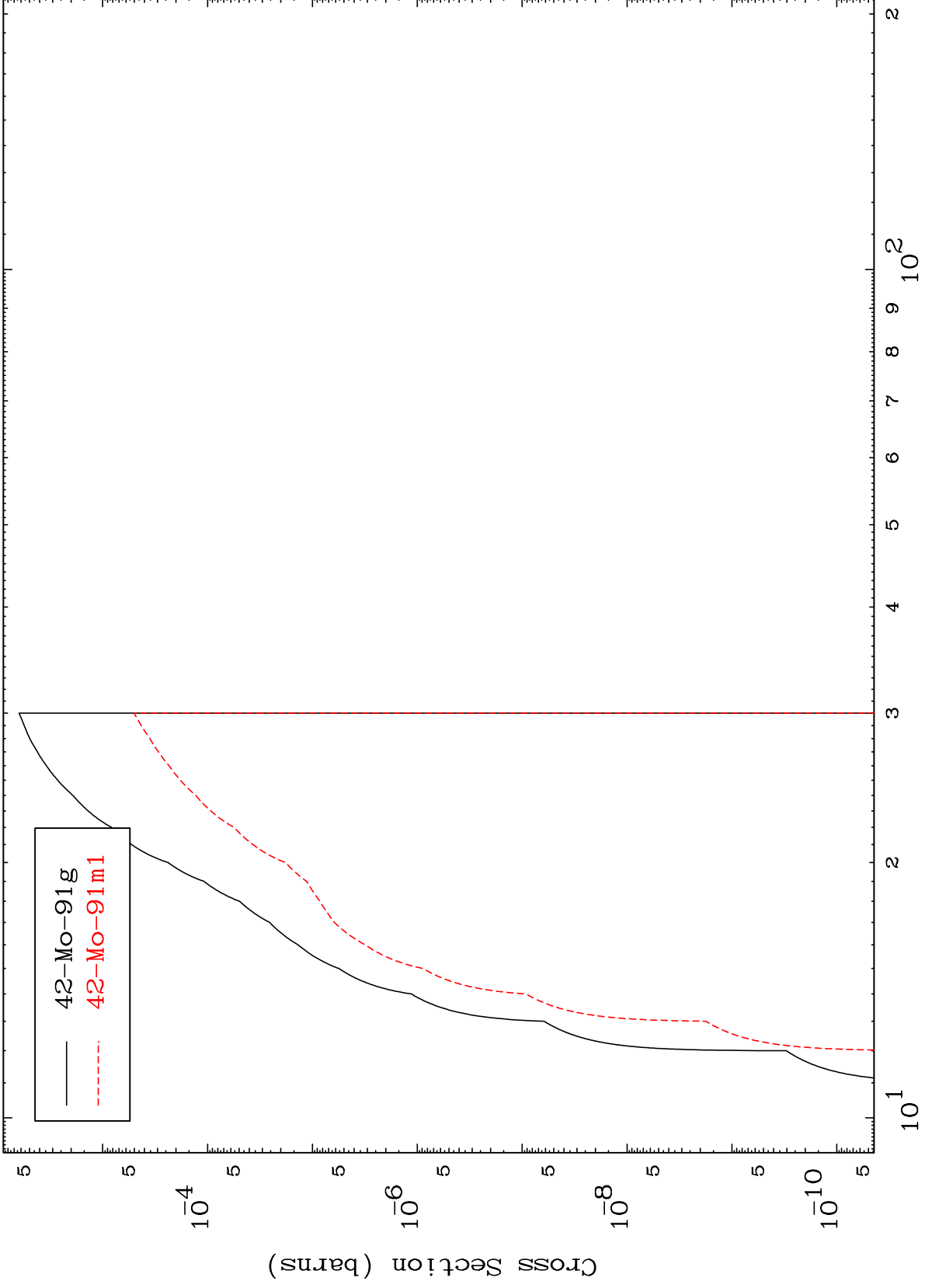
Incident Energy (MeV)

MAT 4114

(n,d)

41-Nb-89m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

10²

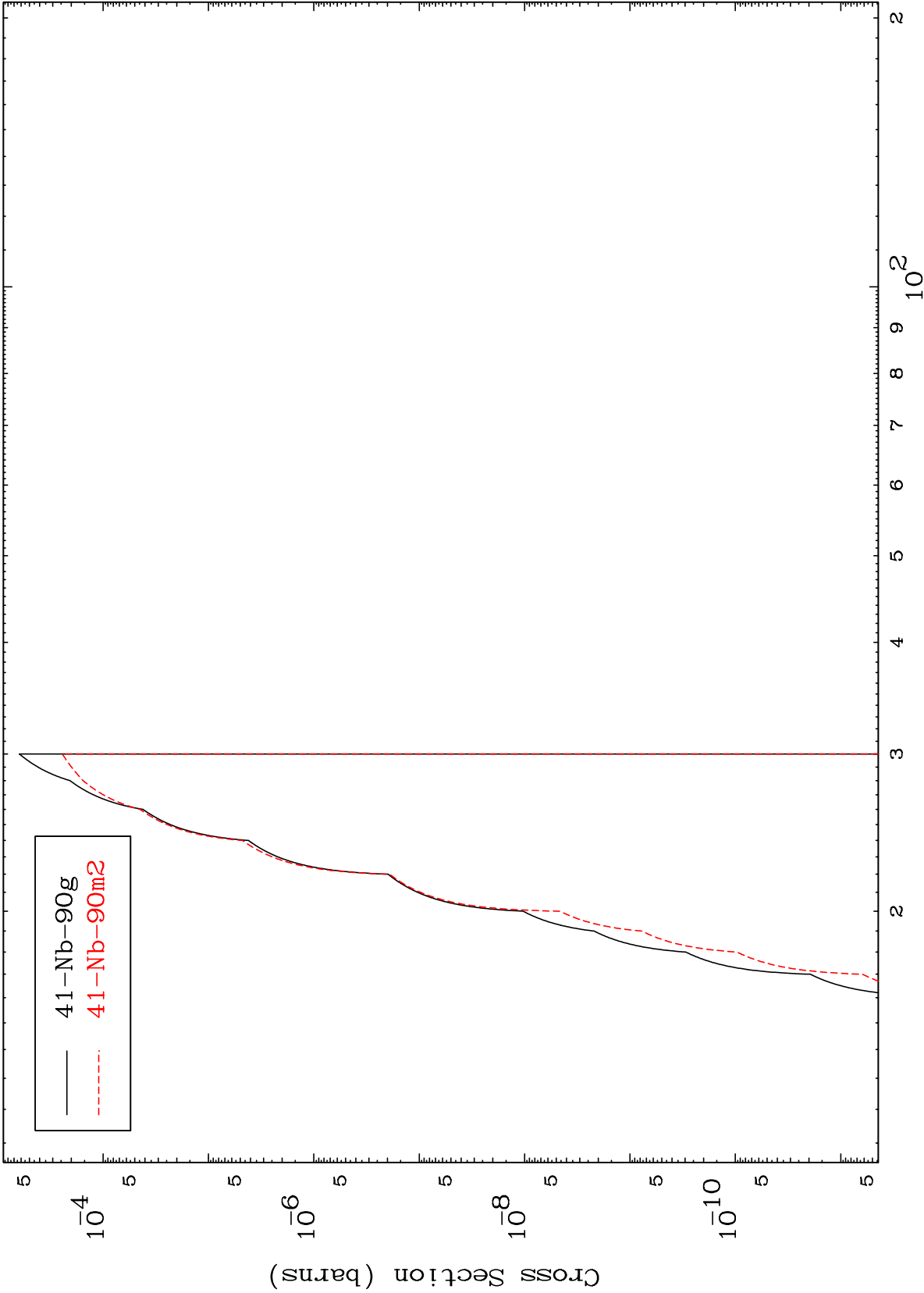
41-Nb-89m

MAT 4114

(n,He-3)

41-Nb-89m

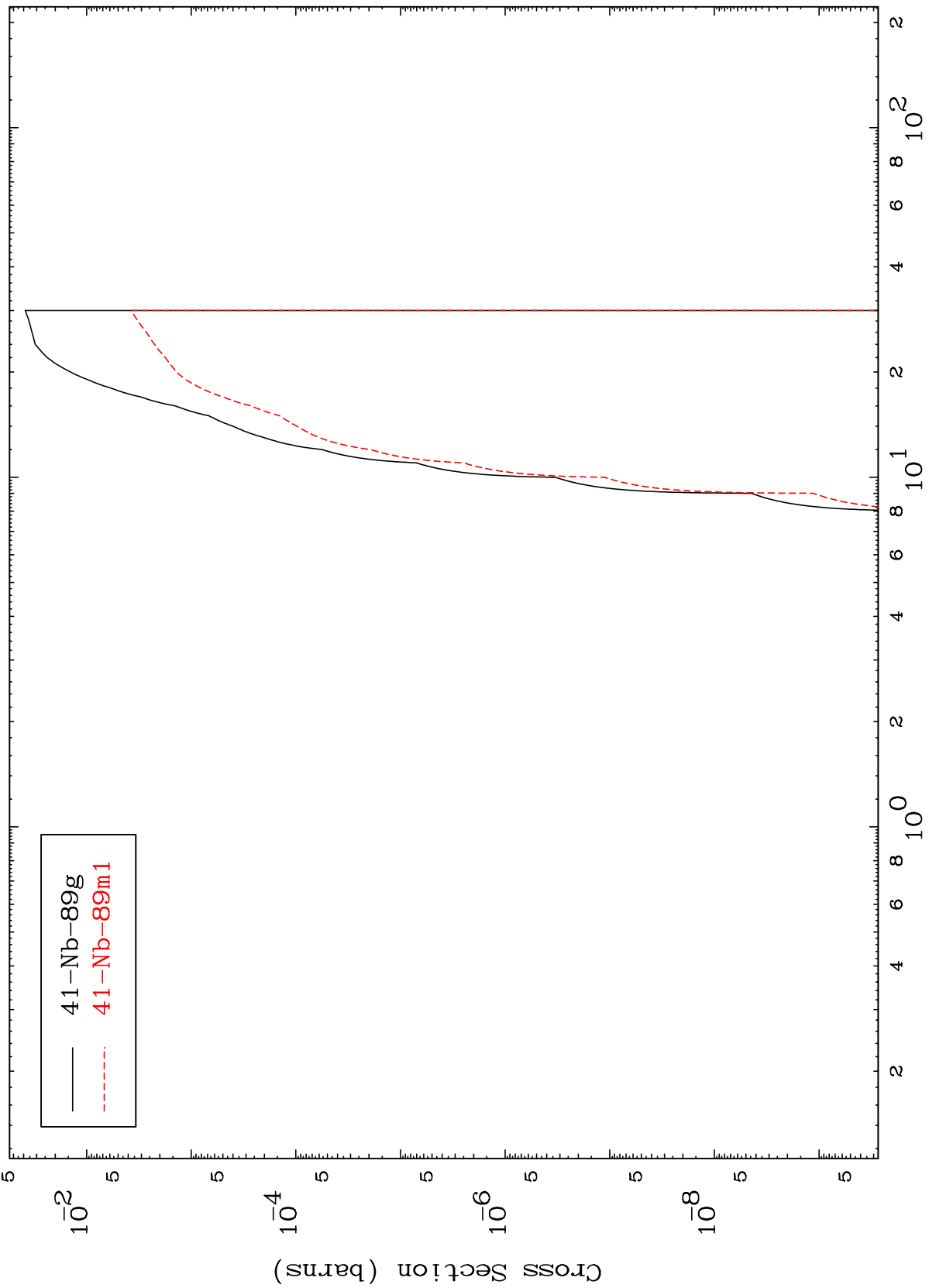
Radionuclide Production Cross Section



MAT 4114

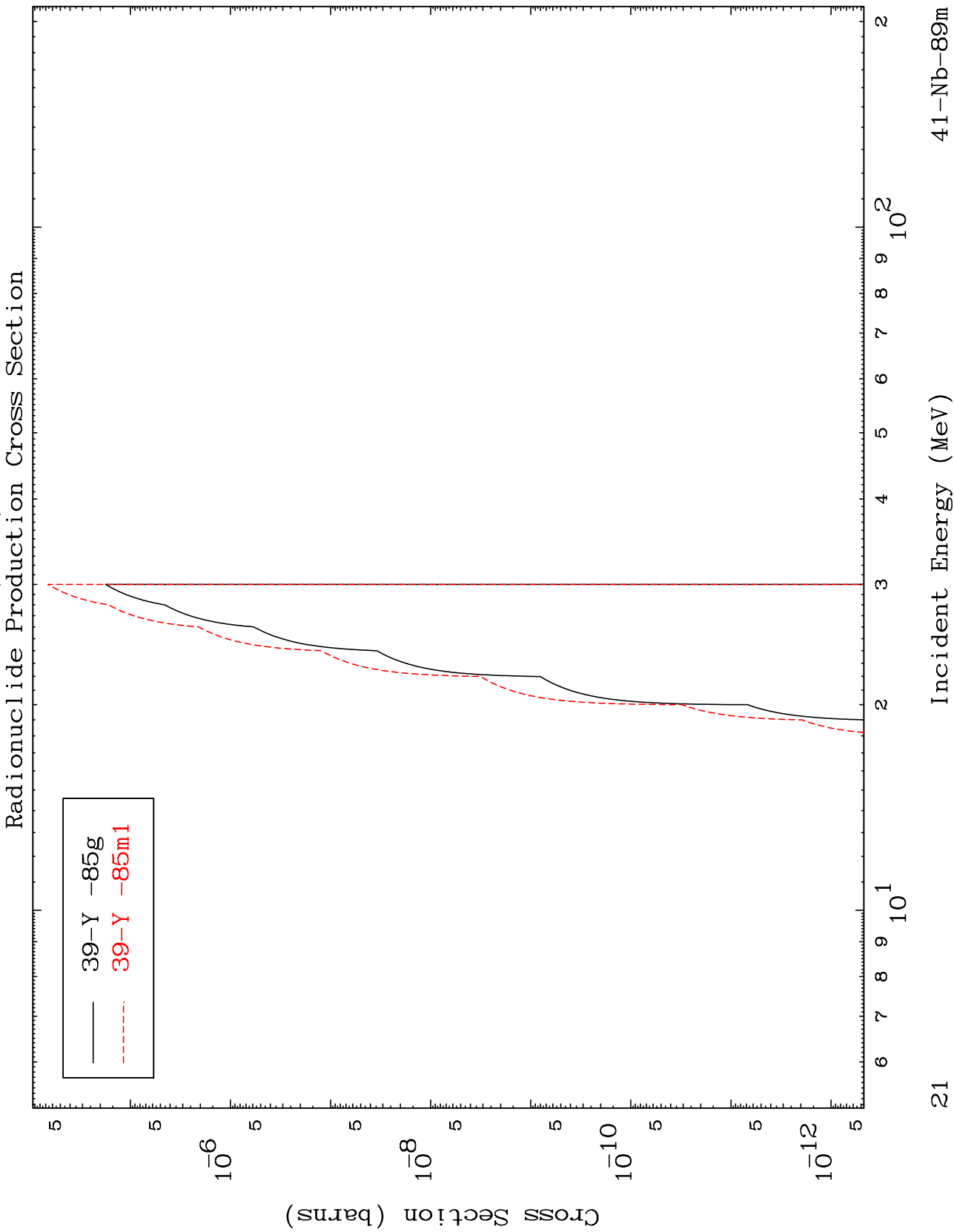
41-Nb-89m

Radionuclide Production Cross Section
(n, α)



MAT 4114

41-Nb-89m



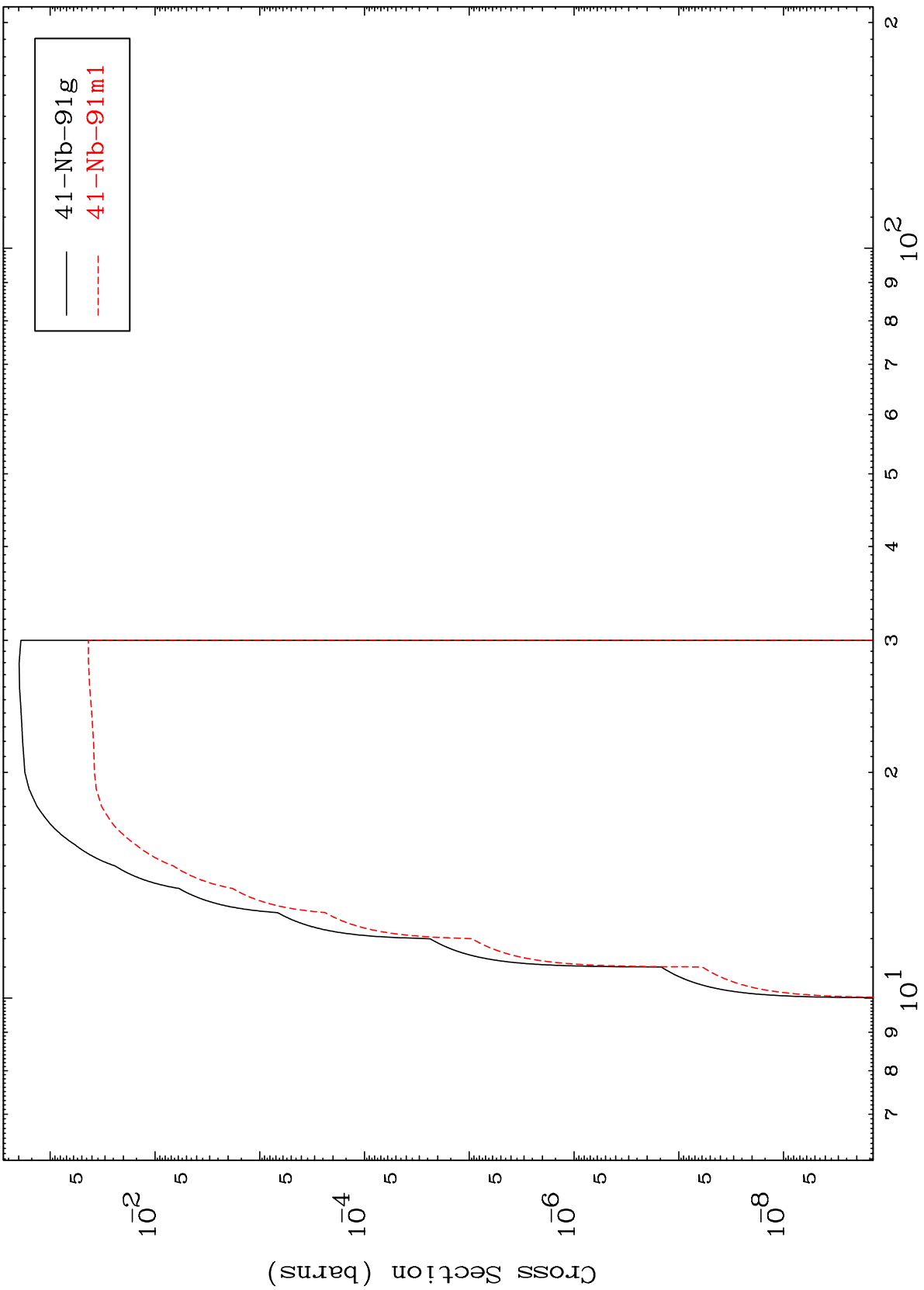
21

41-Nb-89m

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41-Nb-89m

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

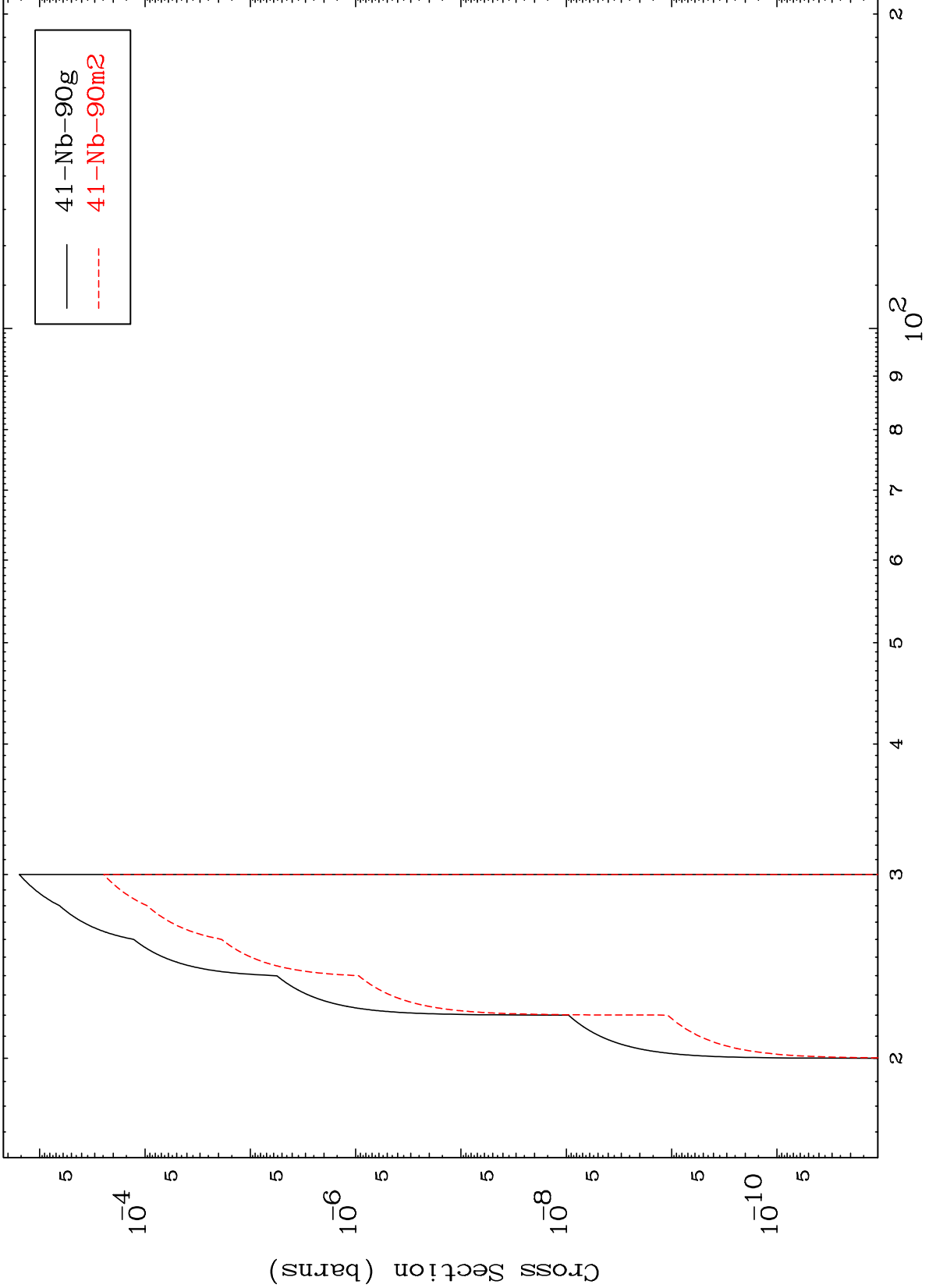
41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m

Radionuclide Production Cross Section



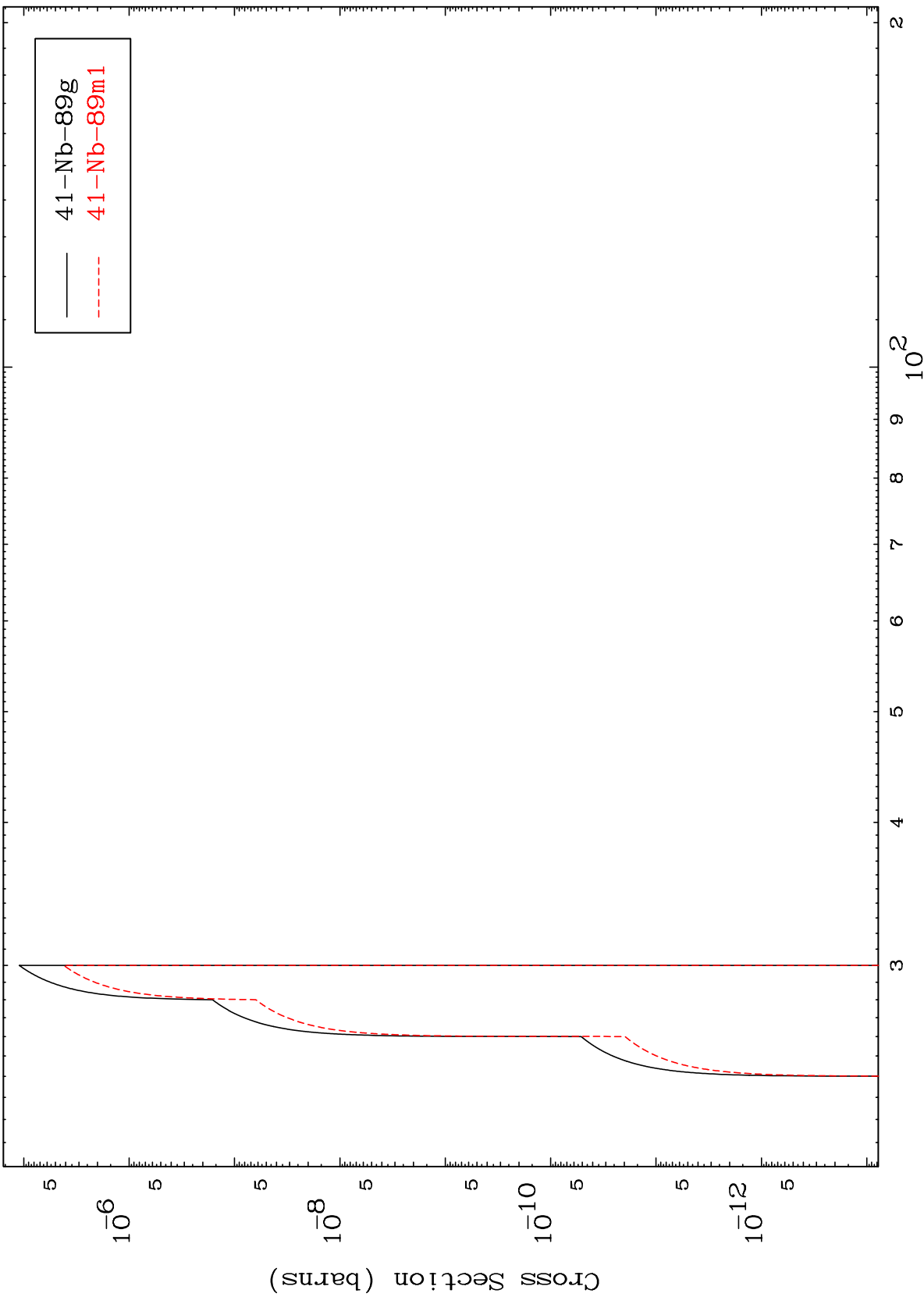
41-Nb-90g
41-Nb-90m2

MAT 4114

(n,p) t

41-Nb-89m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

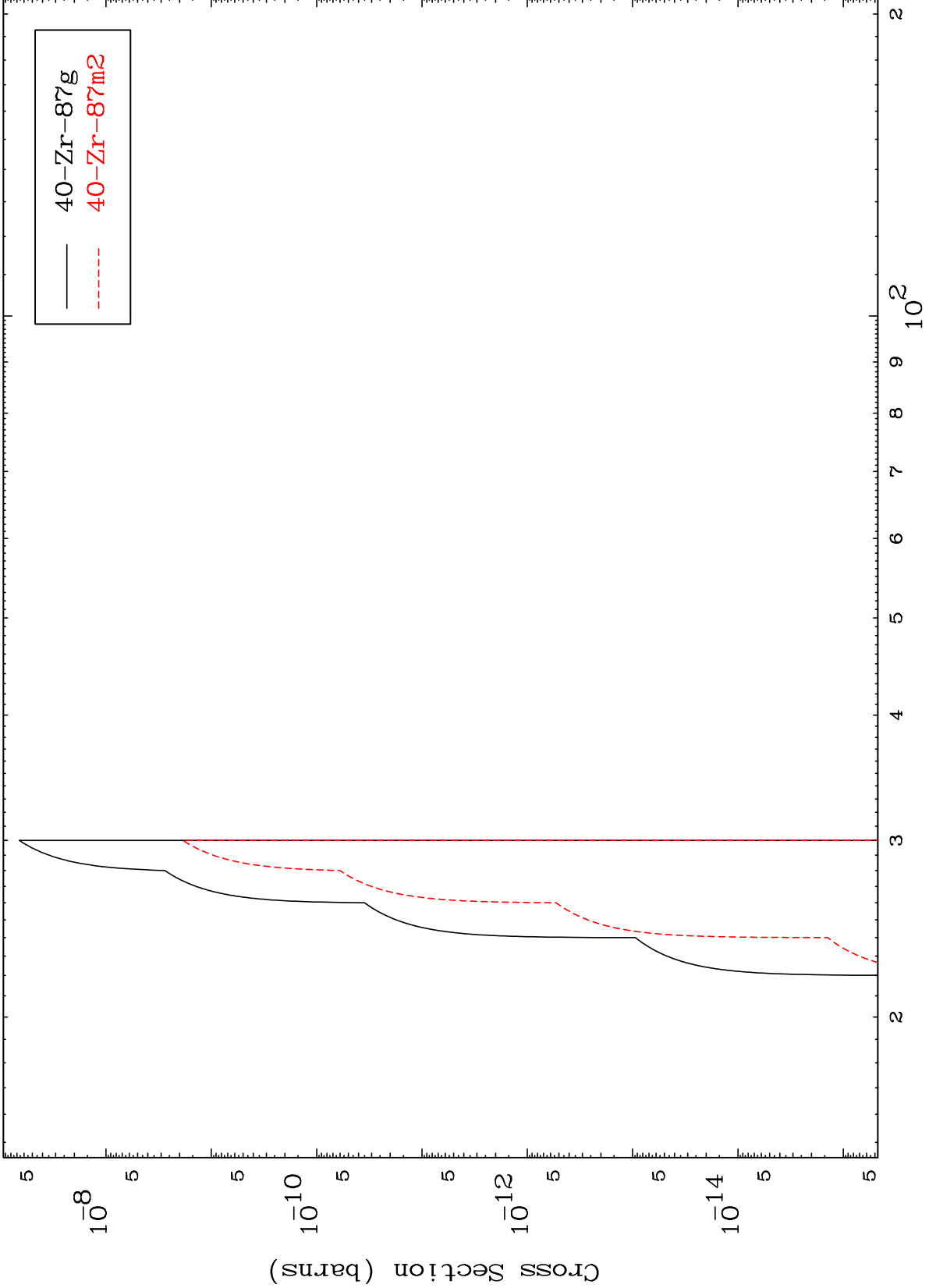
41-Nb-89m

MAT 4114

(n,d) α

41-Nb-89m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

41-Nb-89m