

Program EVALPLOT
(Version 2021-1)

by

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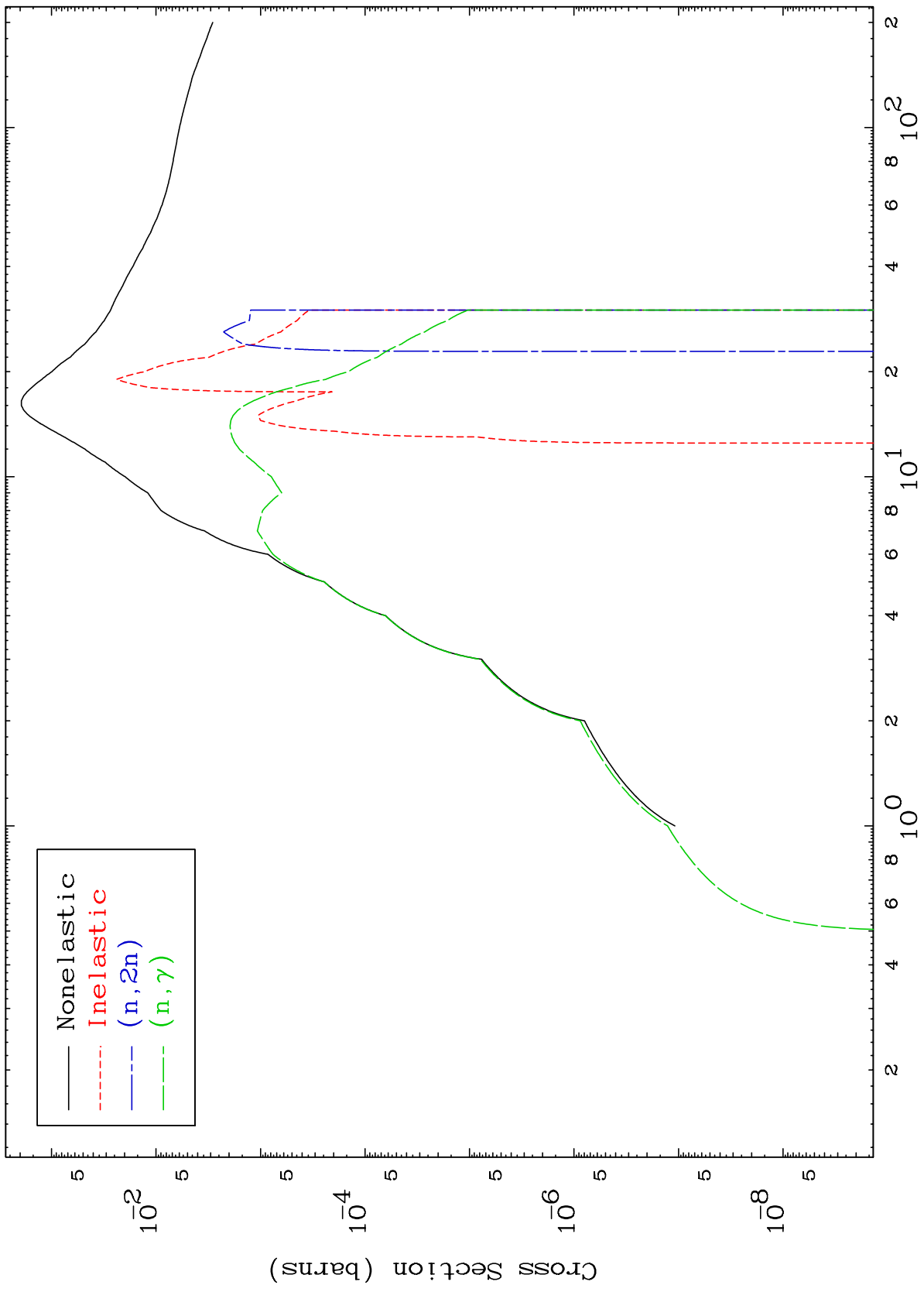
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4114

Photon Major
0 Kelvin Cross Sections

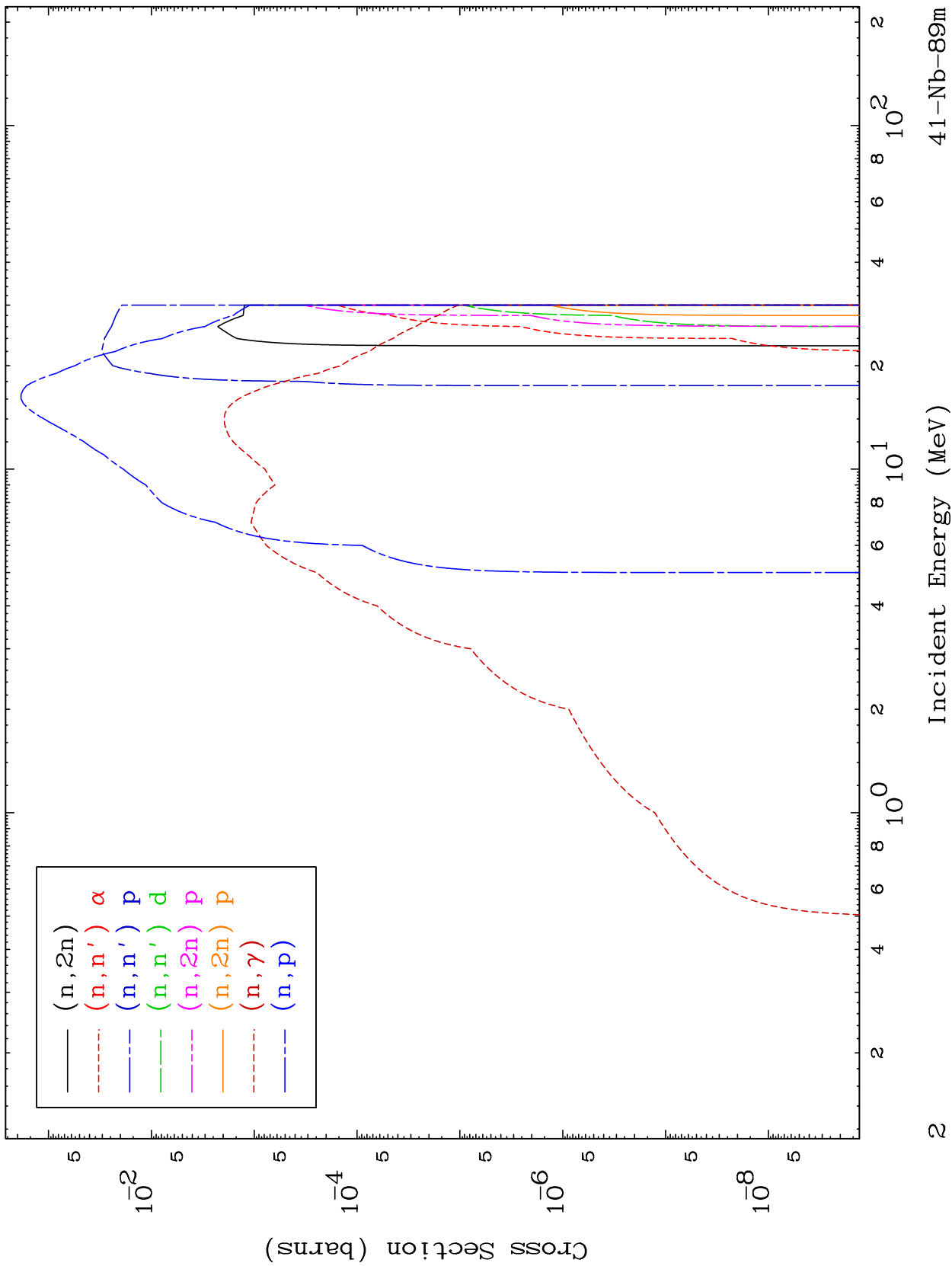
41-Nb-89m



MAT 4114

Photon Neutron Absorption
0 Kelvin Cross Sections

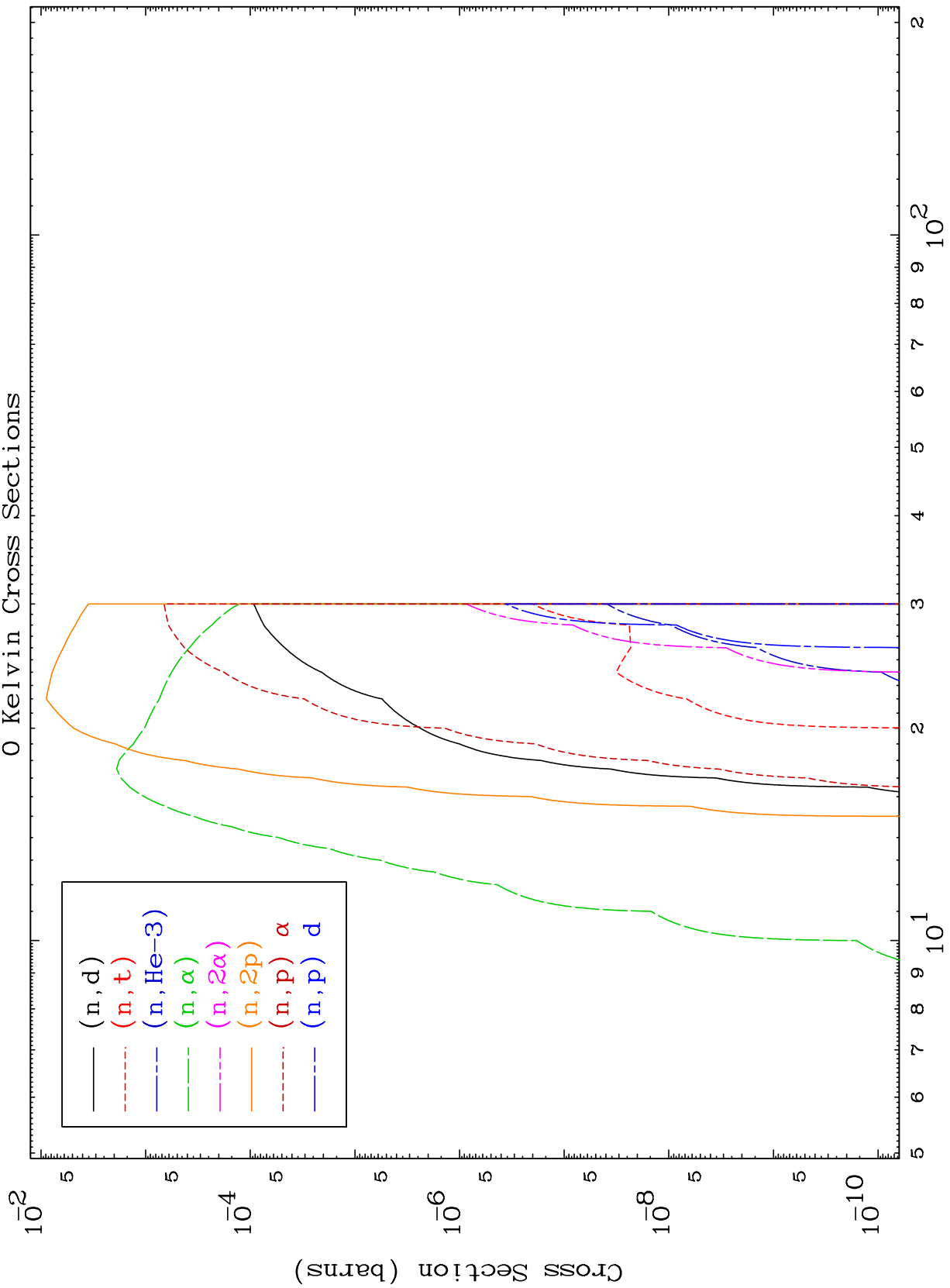
41-Nb-89m



MAT 4114

Photon Neutron Absorption
0 Kelvin Cross Sections

41-Nb-89m



3

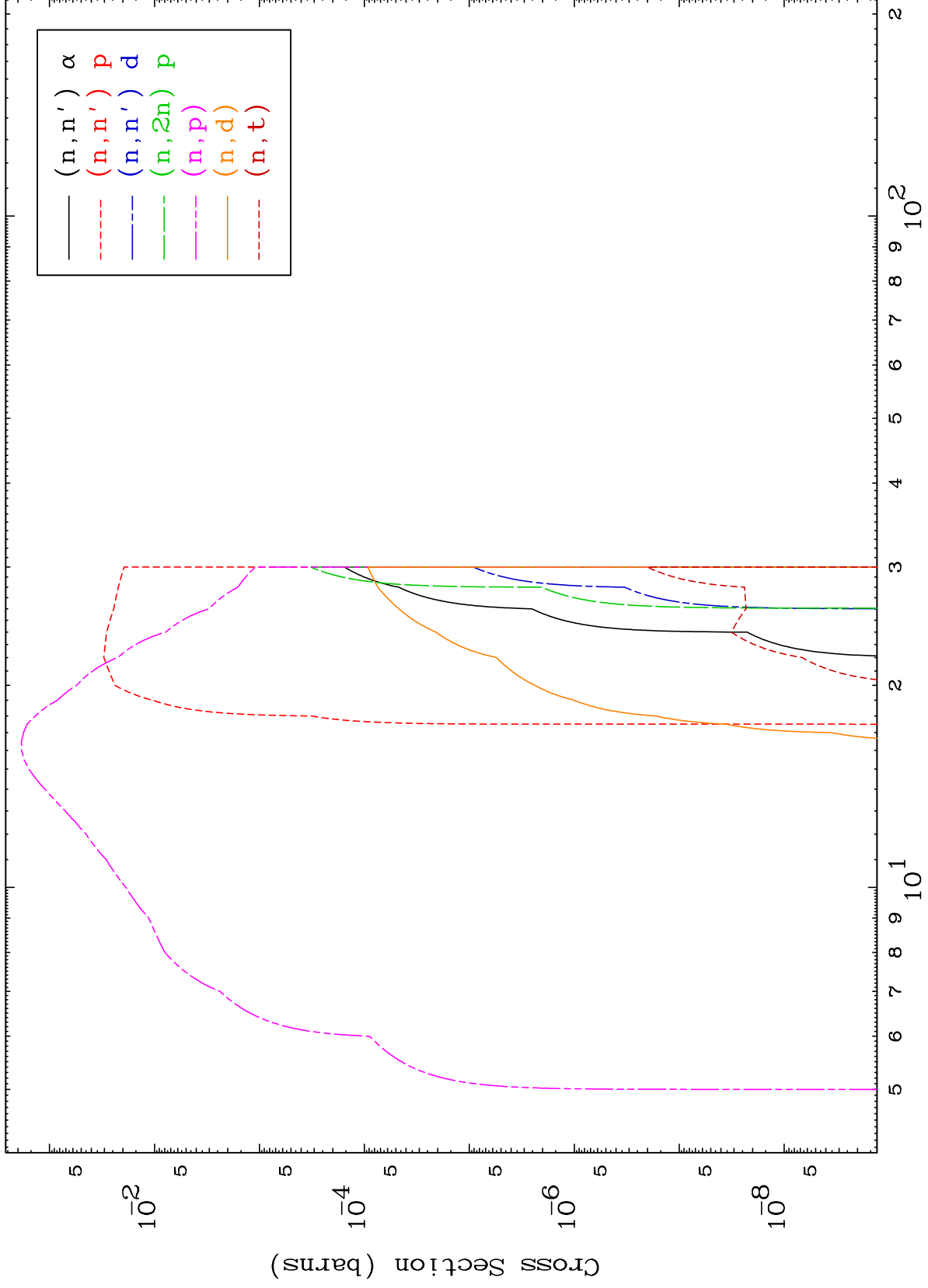
Incident Energy (MeV)

41-Nb-89m

MAT 4114

Photon Charged Particle
0 Kelvin Cross Sections

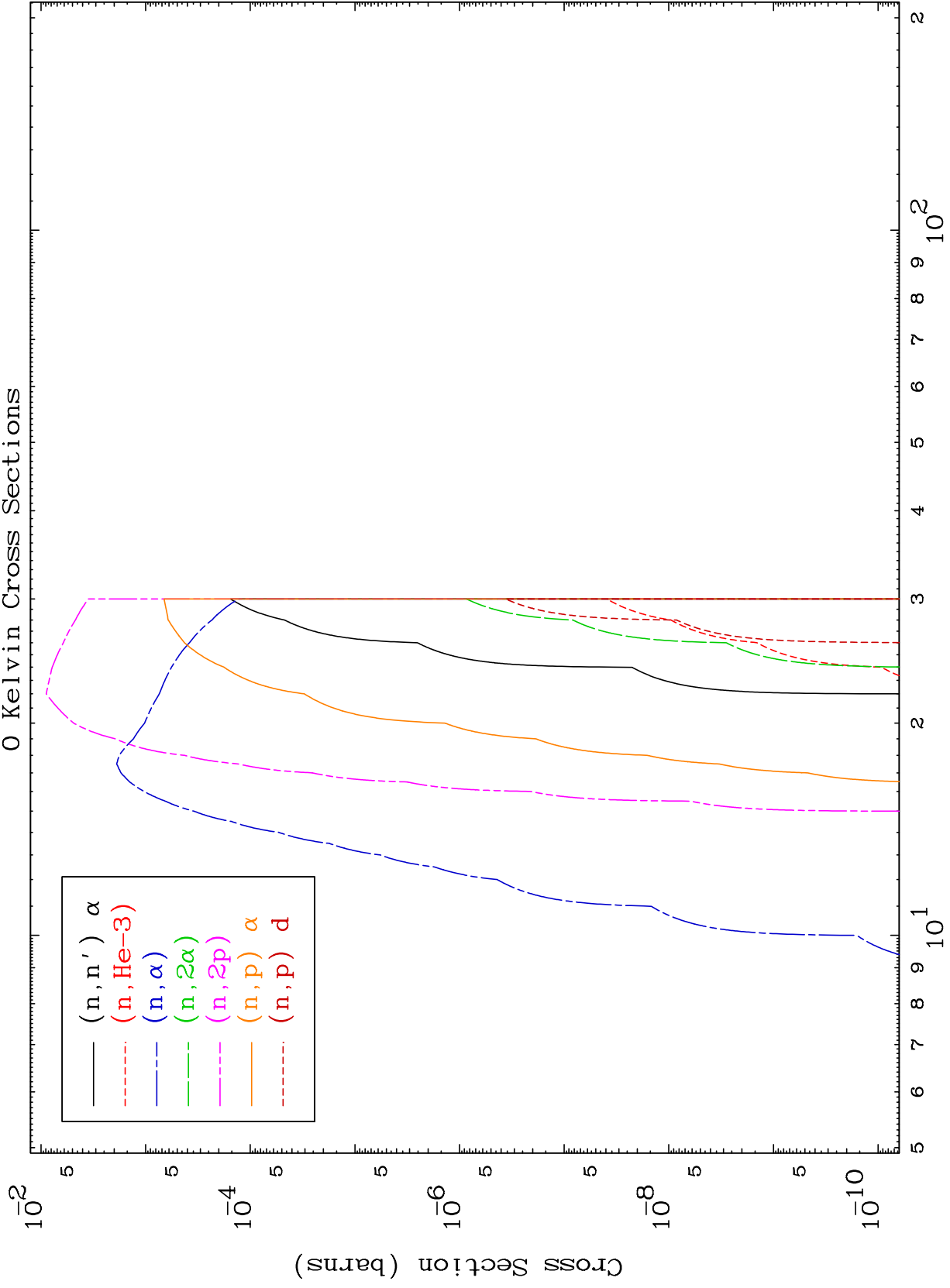
41-Nb-89m



MAT 4114

Photon Charged Particle
0 Kelvin Cross Sections

41-Nb-89m



5

Incident Energy (MeV)

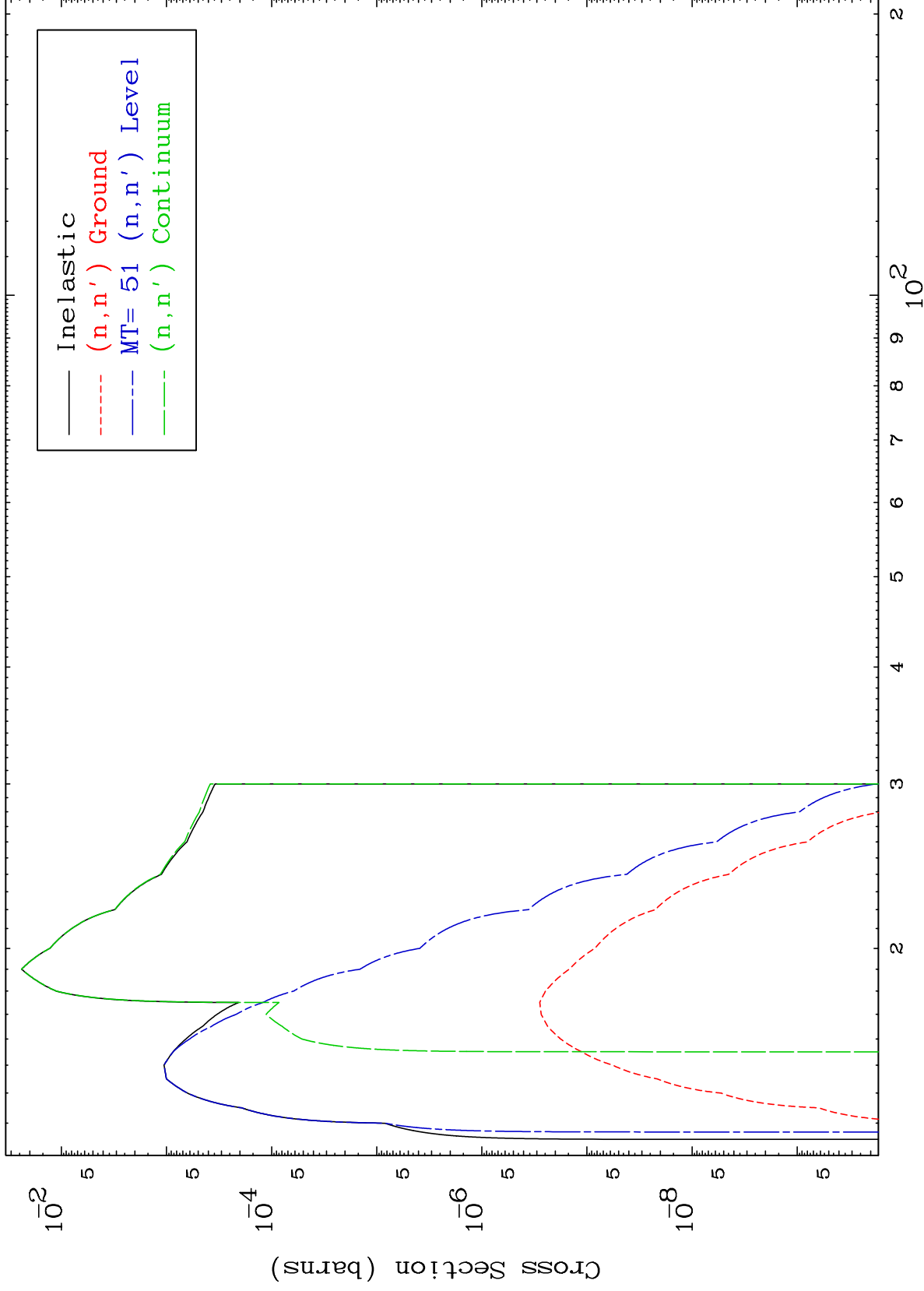
41-Nb-89m

MAT 4114

(γ, n') Levels

41-Nb-89m

0 Kelvin Cross Sections



41-Nb-89m

Incident Energy (MeV)

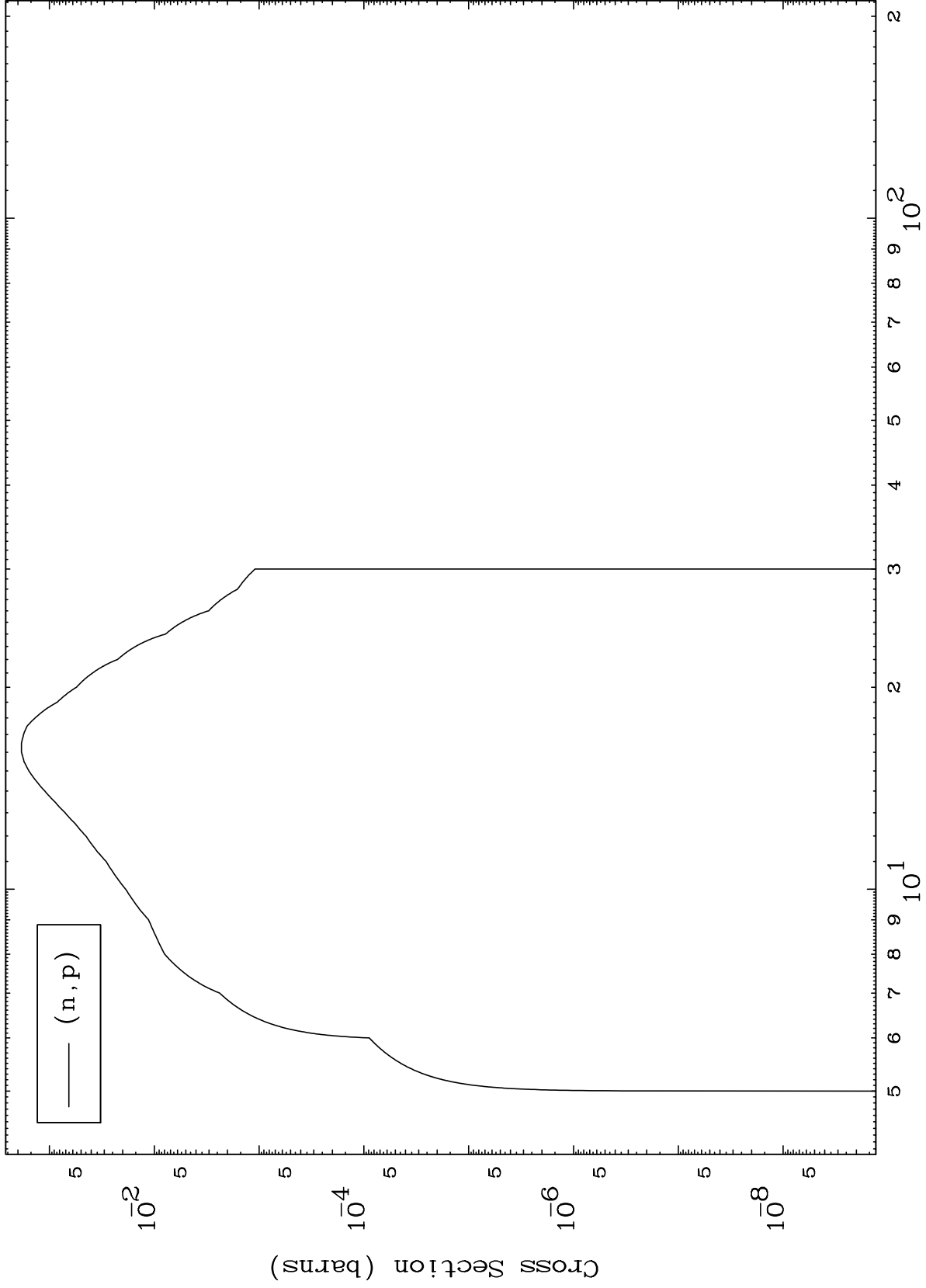
6

MAT 4114

(γ, p) Levels

41-Nb-89m

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

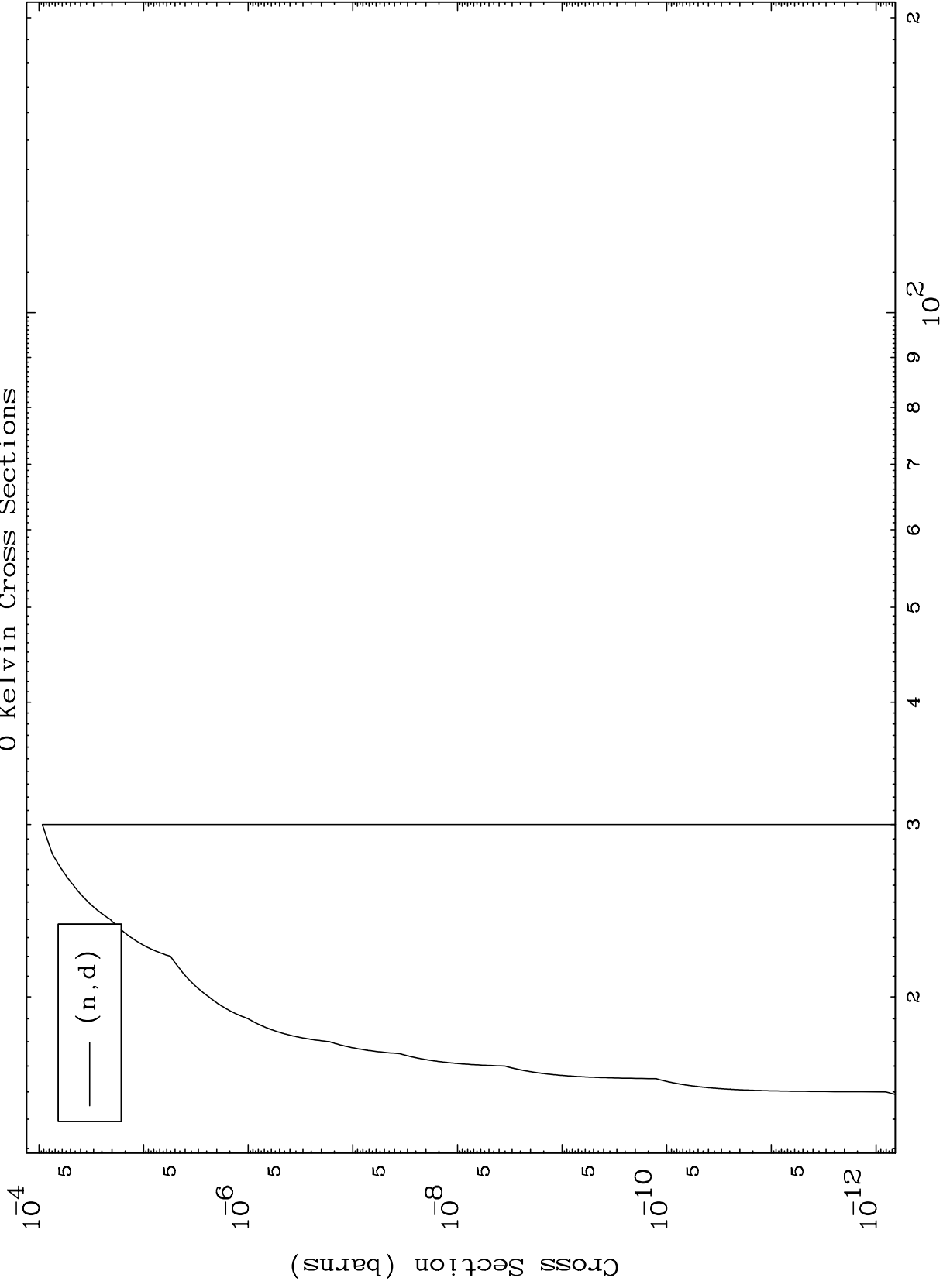
41-Nb-89m

7

MAT 4114

(γ, d) Levels
0 Kelvin Cross Sections

41-Nb-89m



8

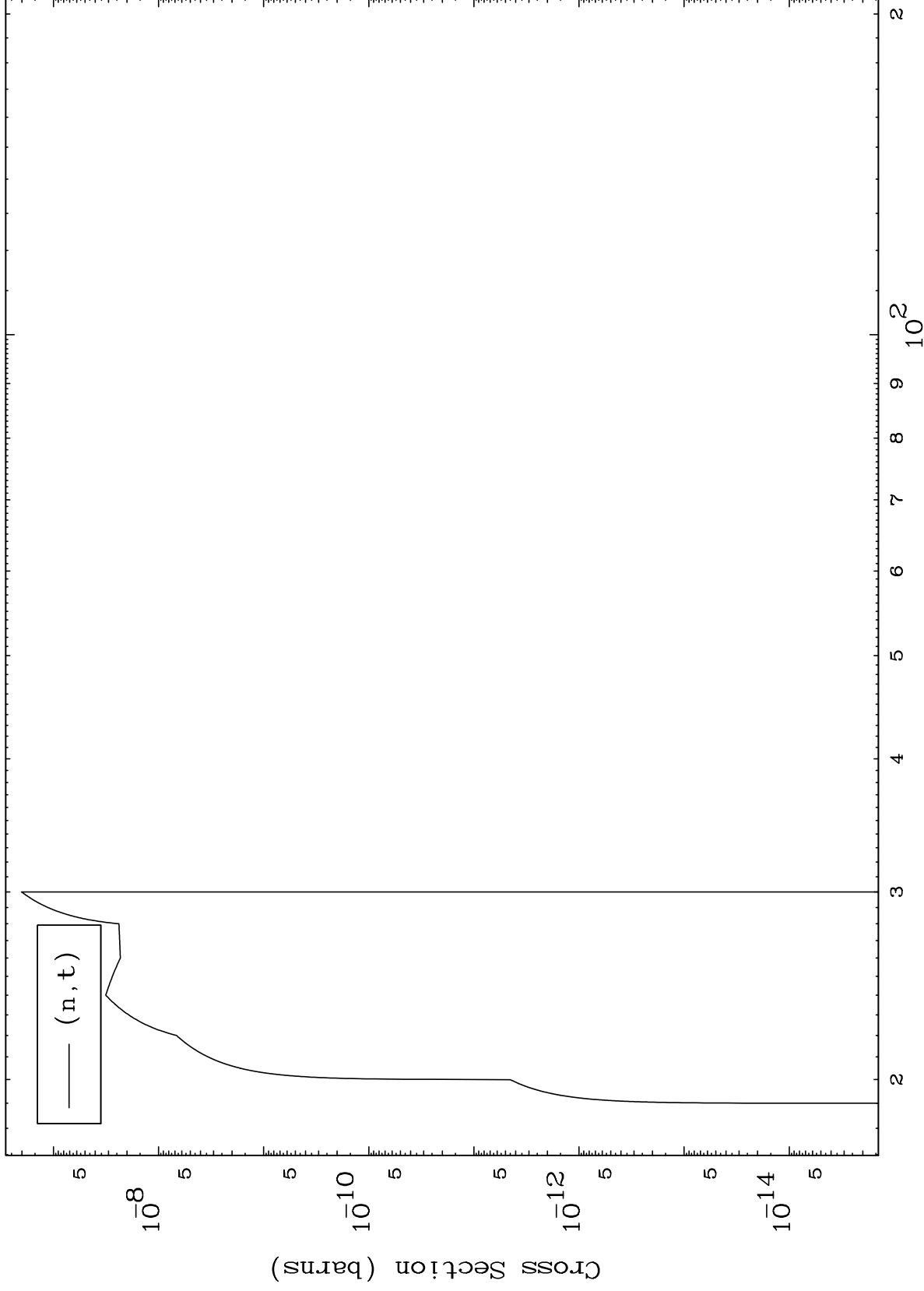
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(γ, t) Levels
0 Kelvin Cross Sections

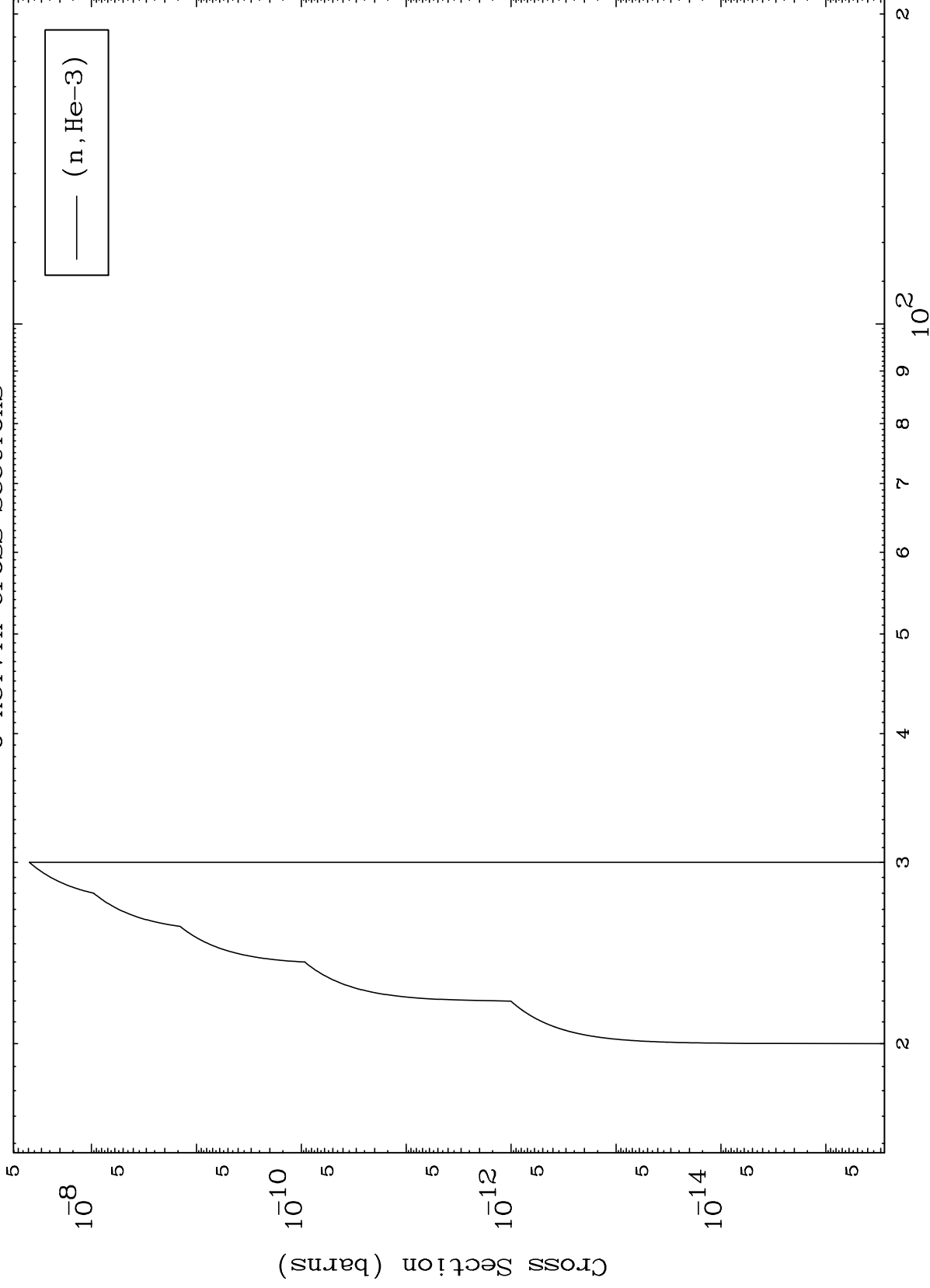
41-Nb-89m



MAT 4114

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

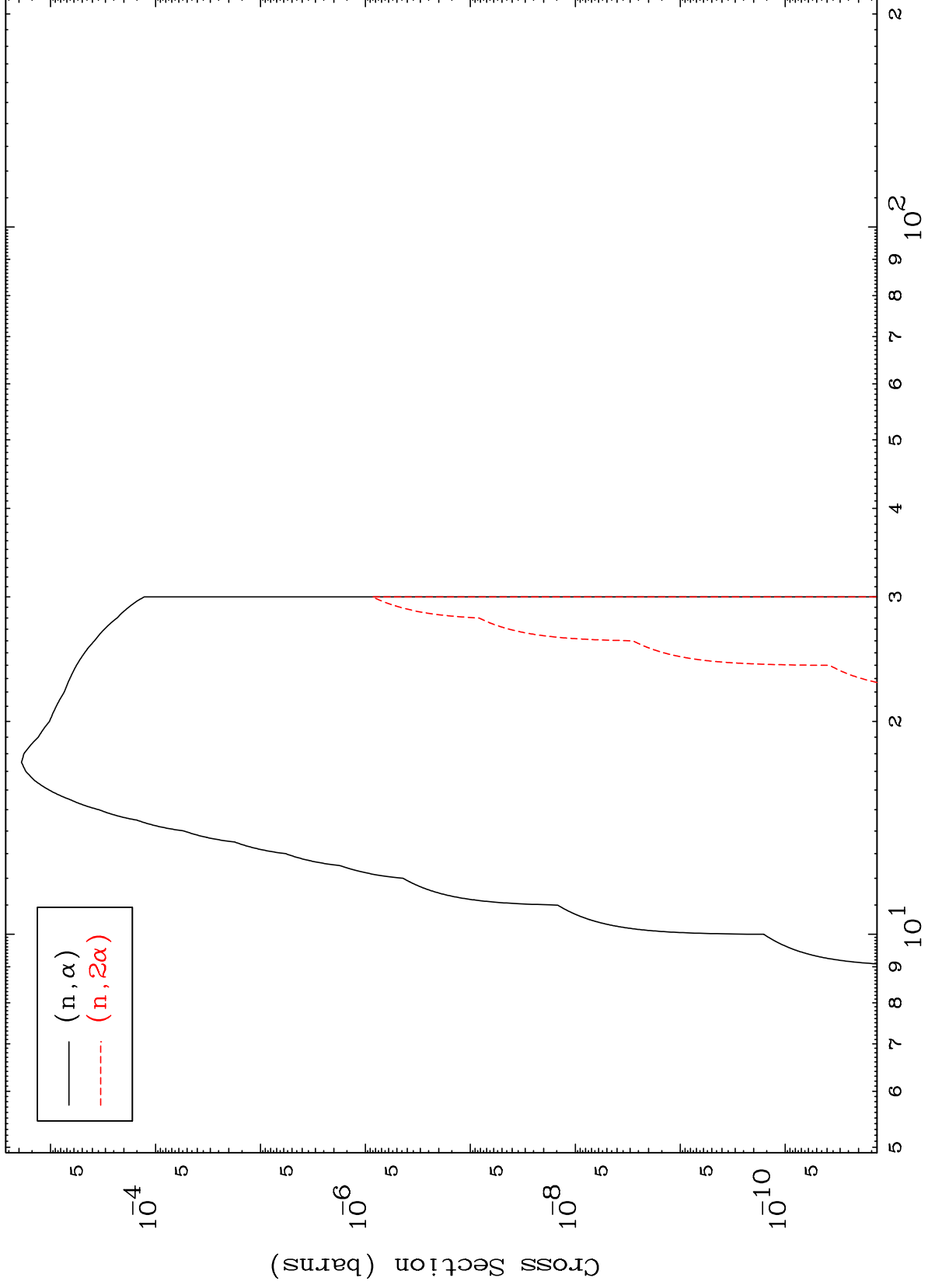
41-Nb-89m



10

Incident Energy (MeV)

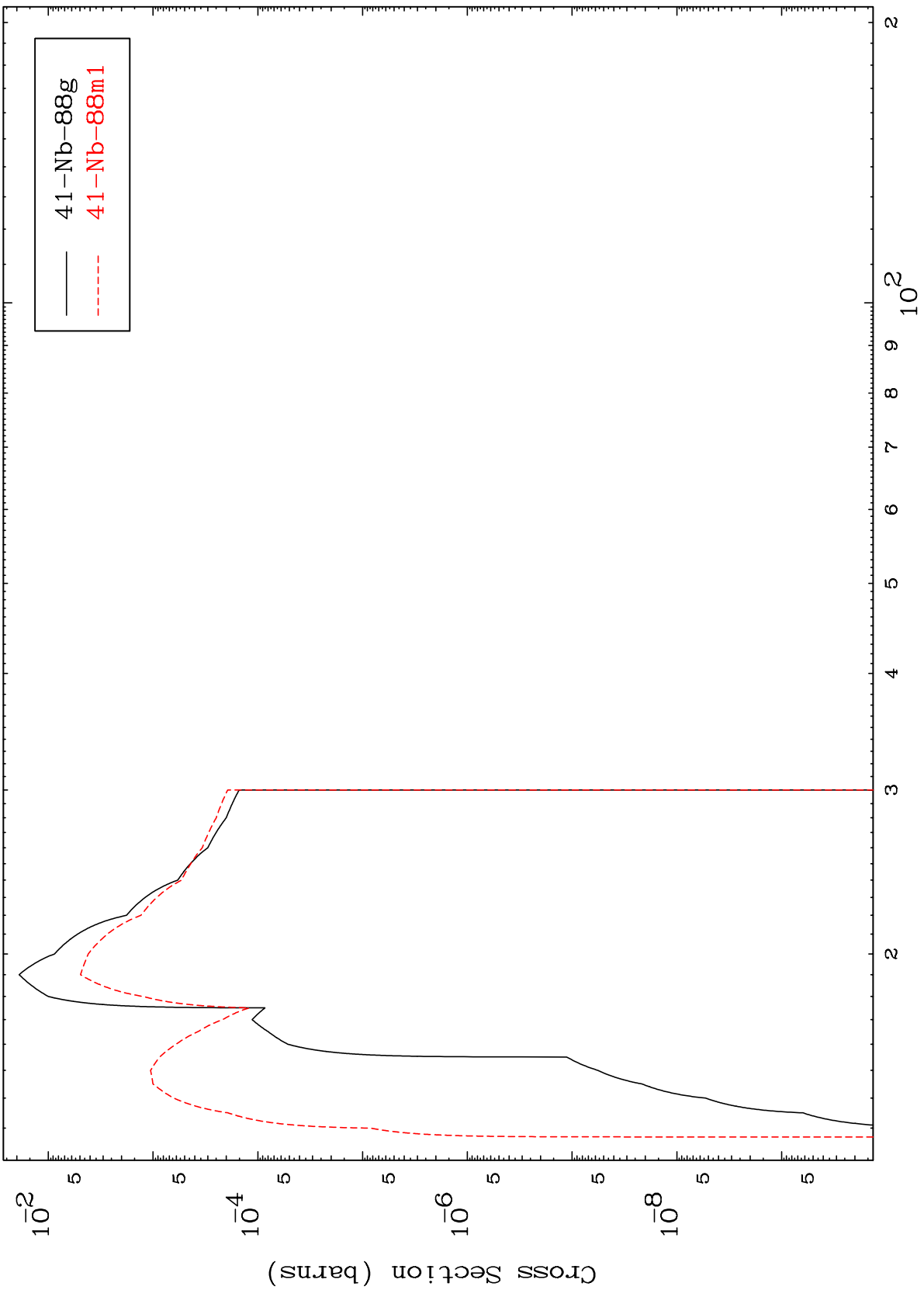
41-Nb-89m



MAT 4114

41-Nb-89m

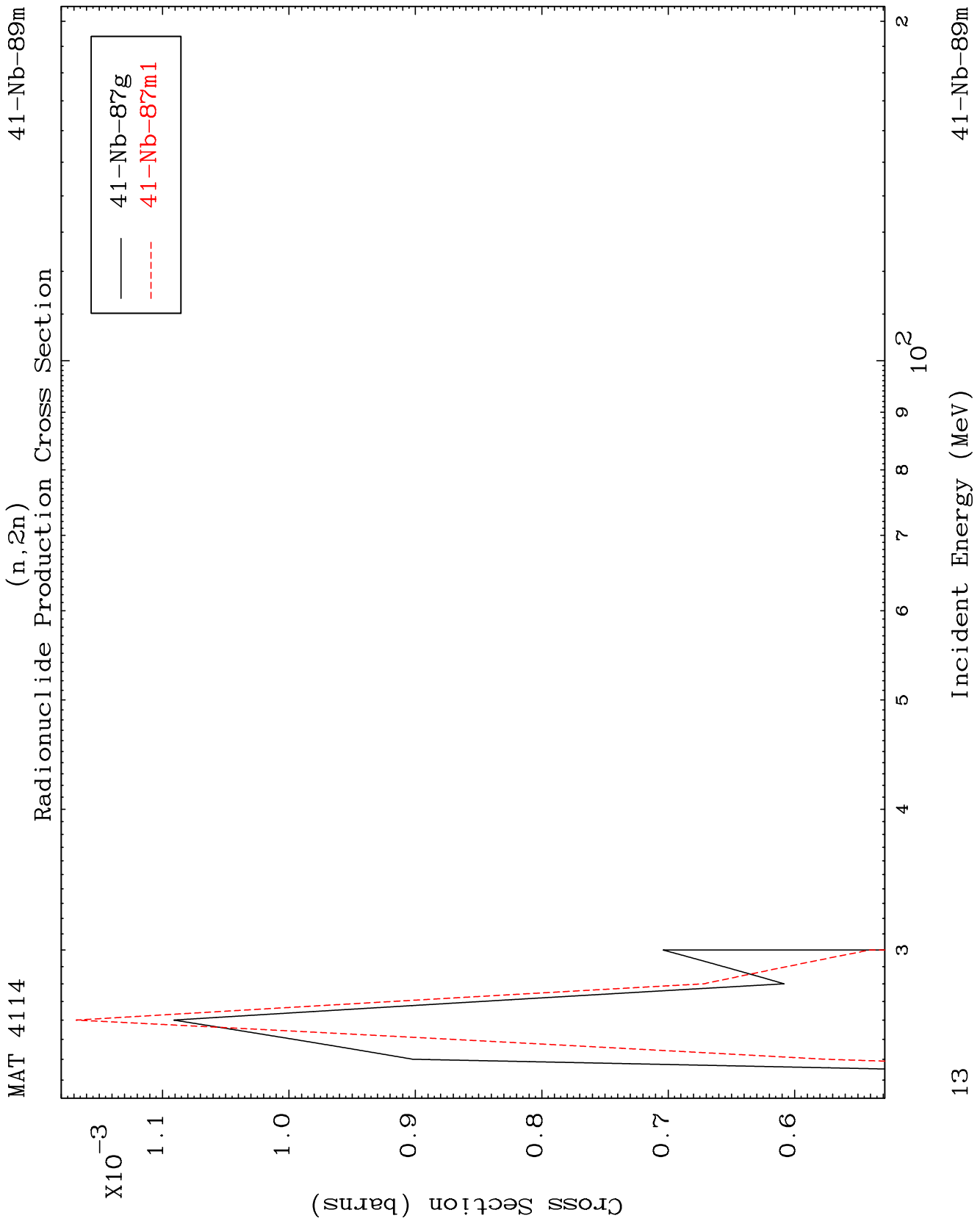
Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

41-Nb-89m

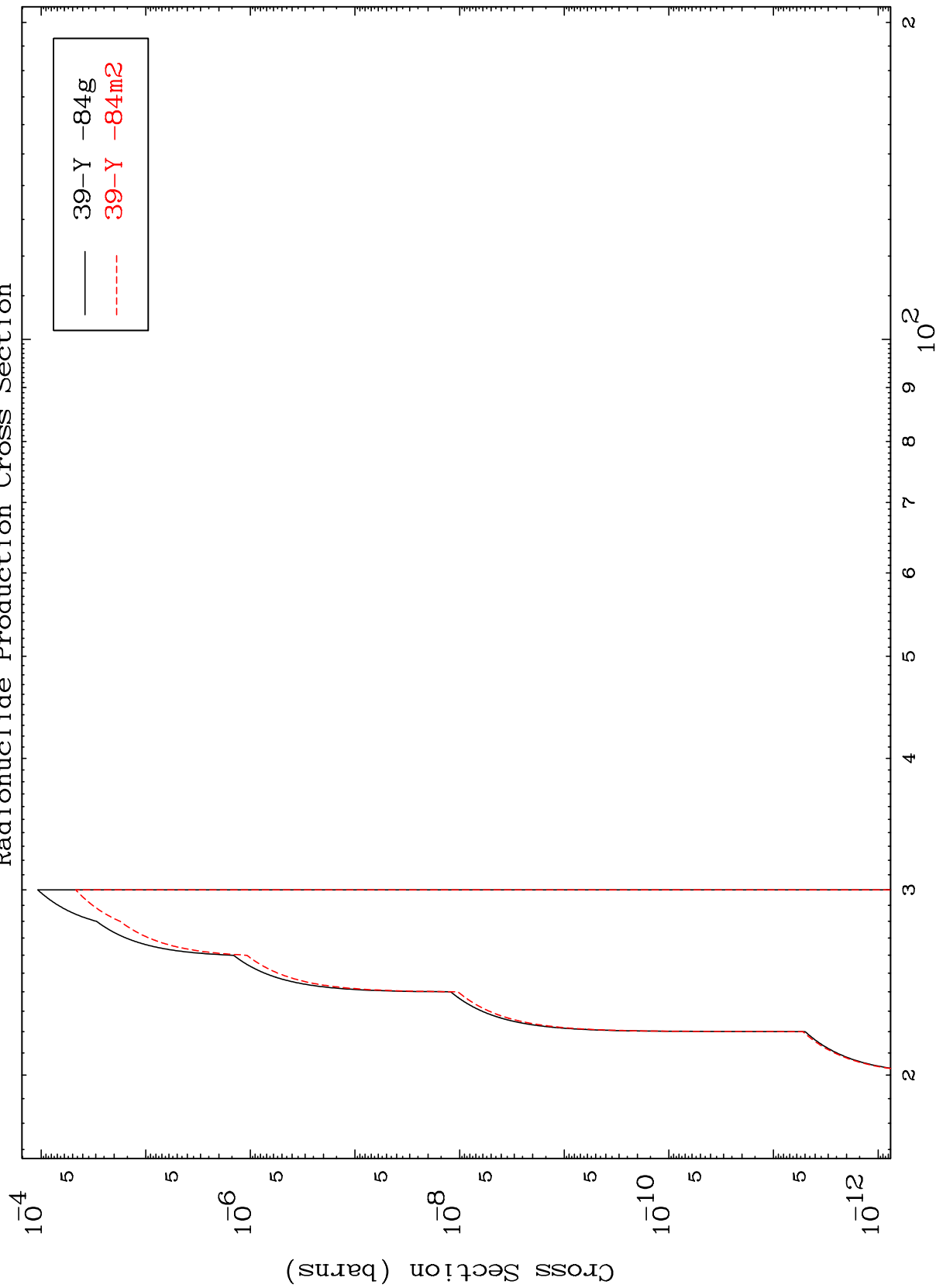


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$(n, n') \alpha$

41-Nb-89m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

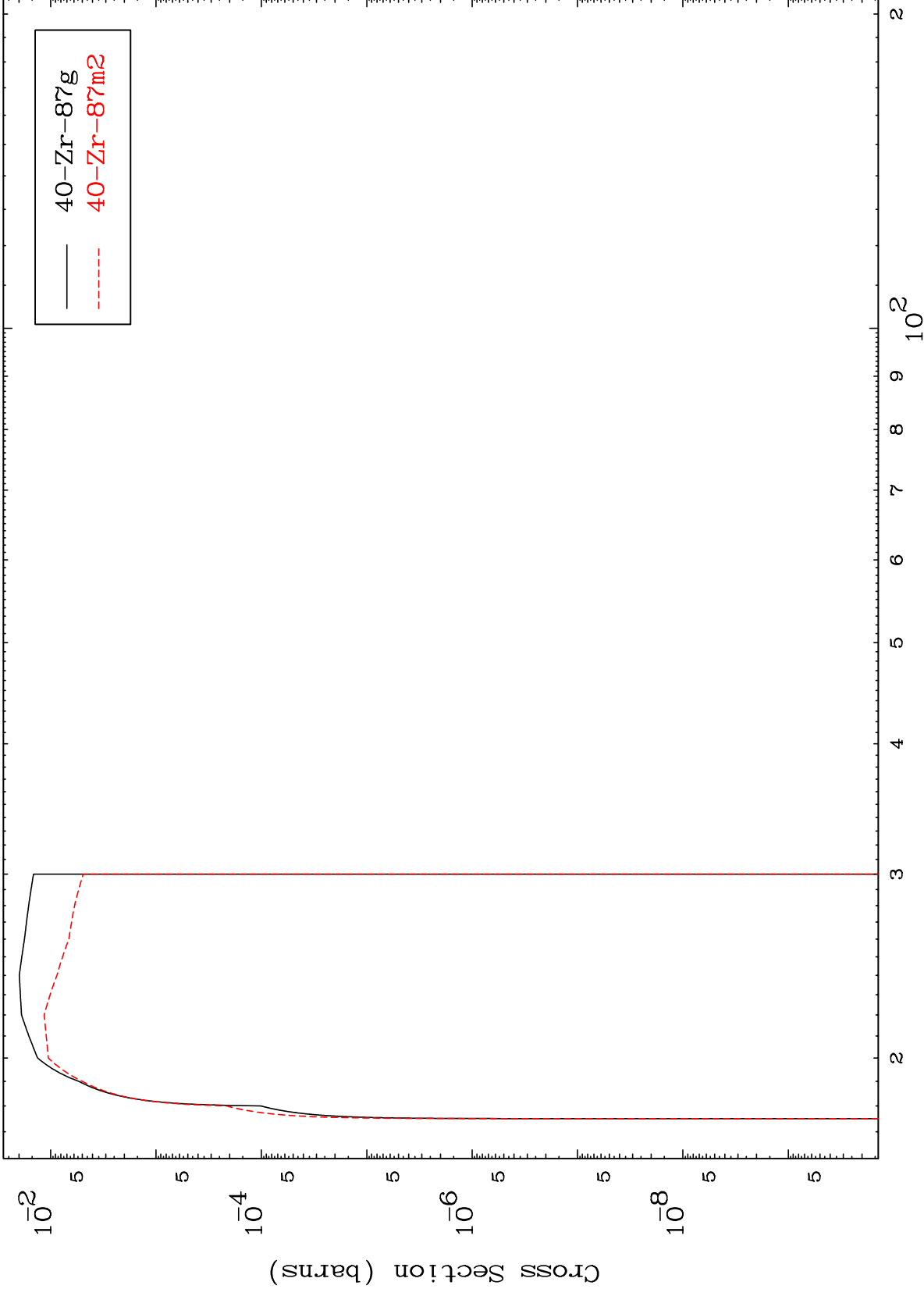
41-Nb-89m

MAT 4114

(n,n') p

41-Nb-89m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

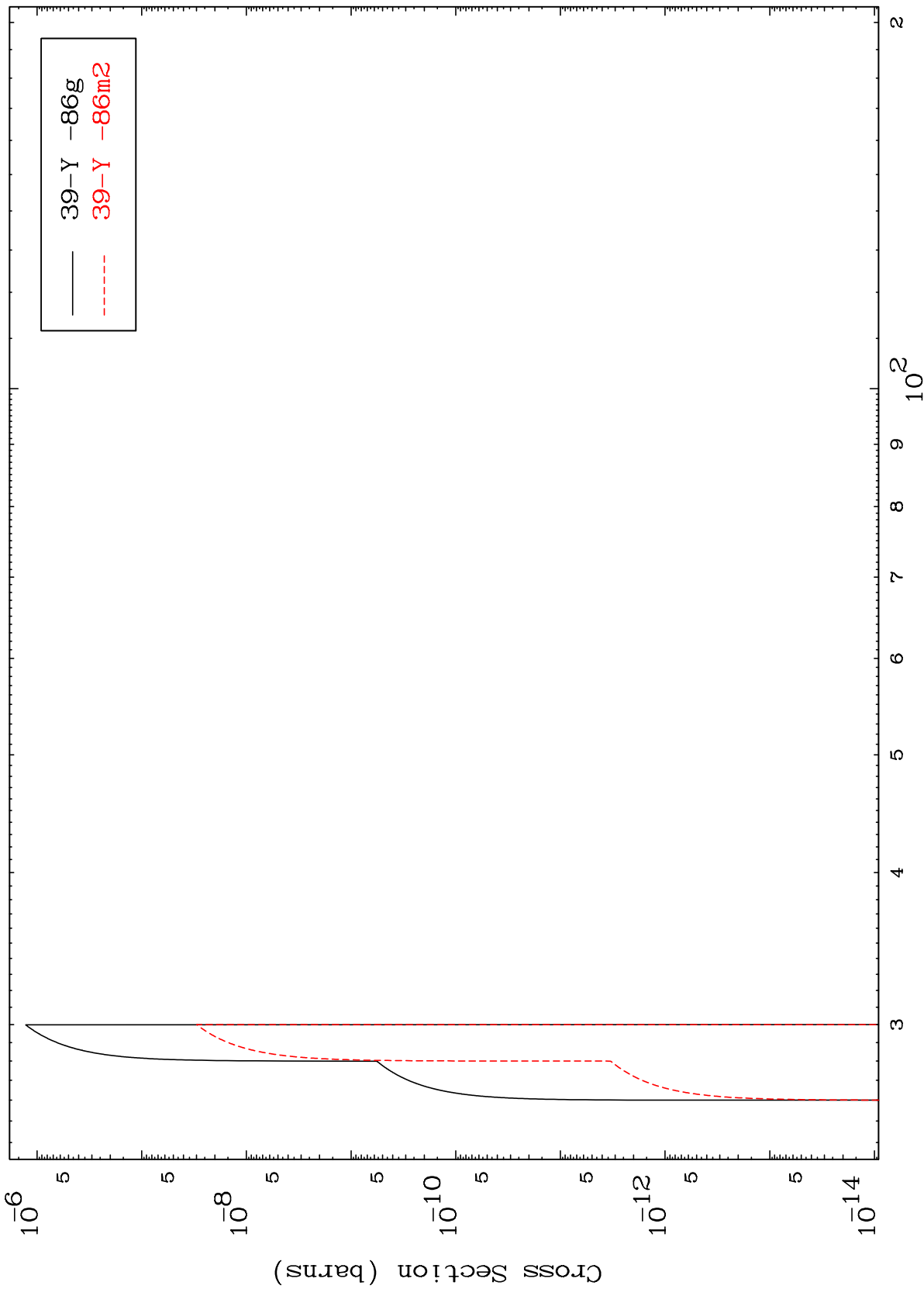
41-Nb-89m

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(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

16

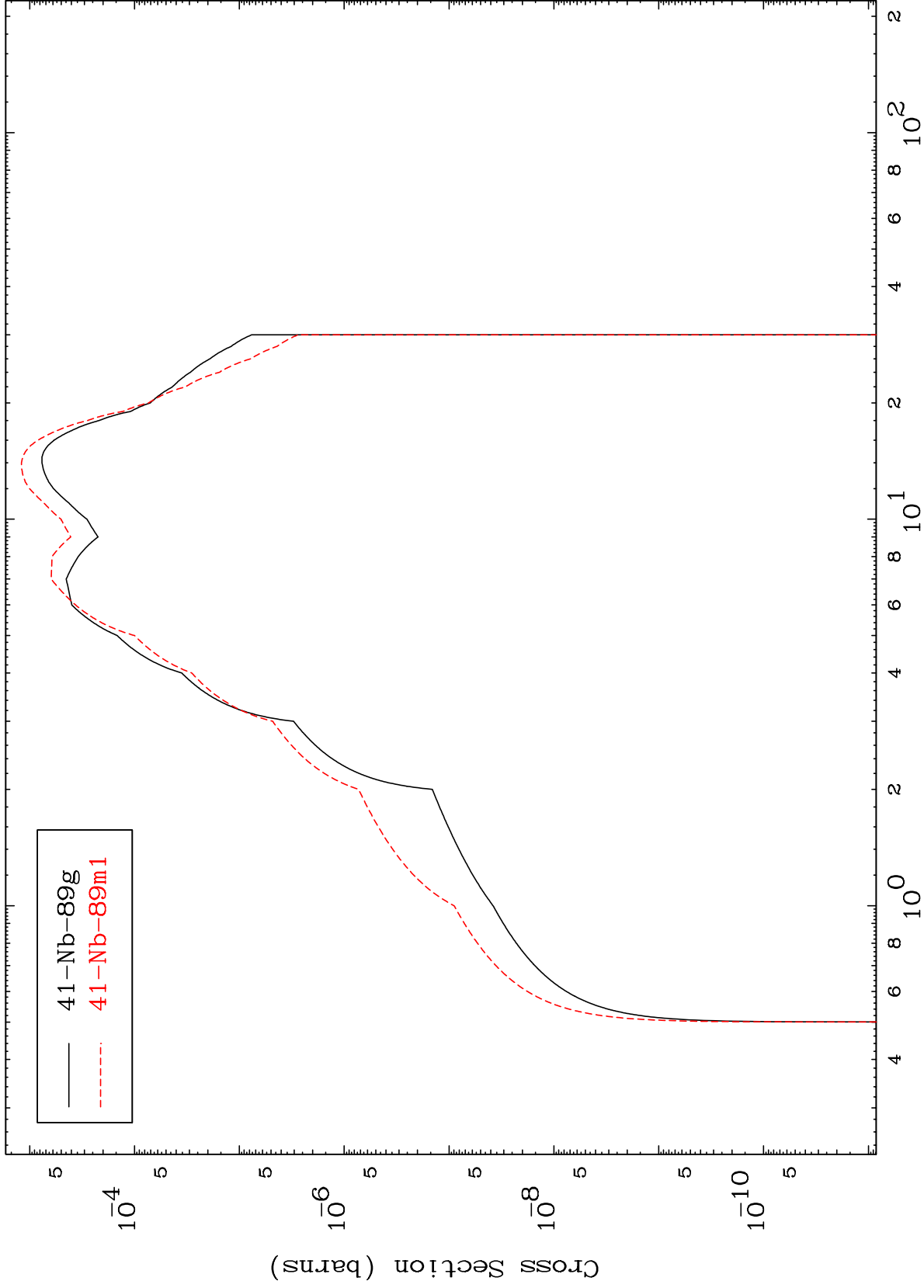
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

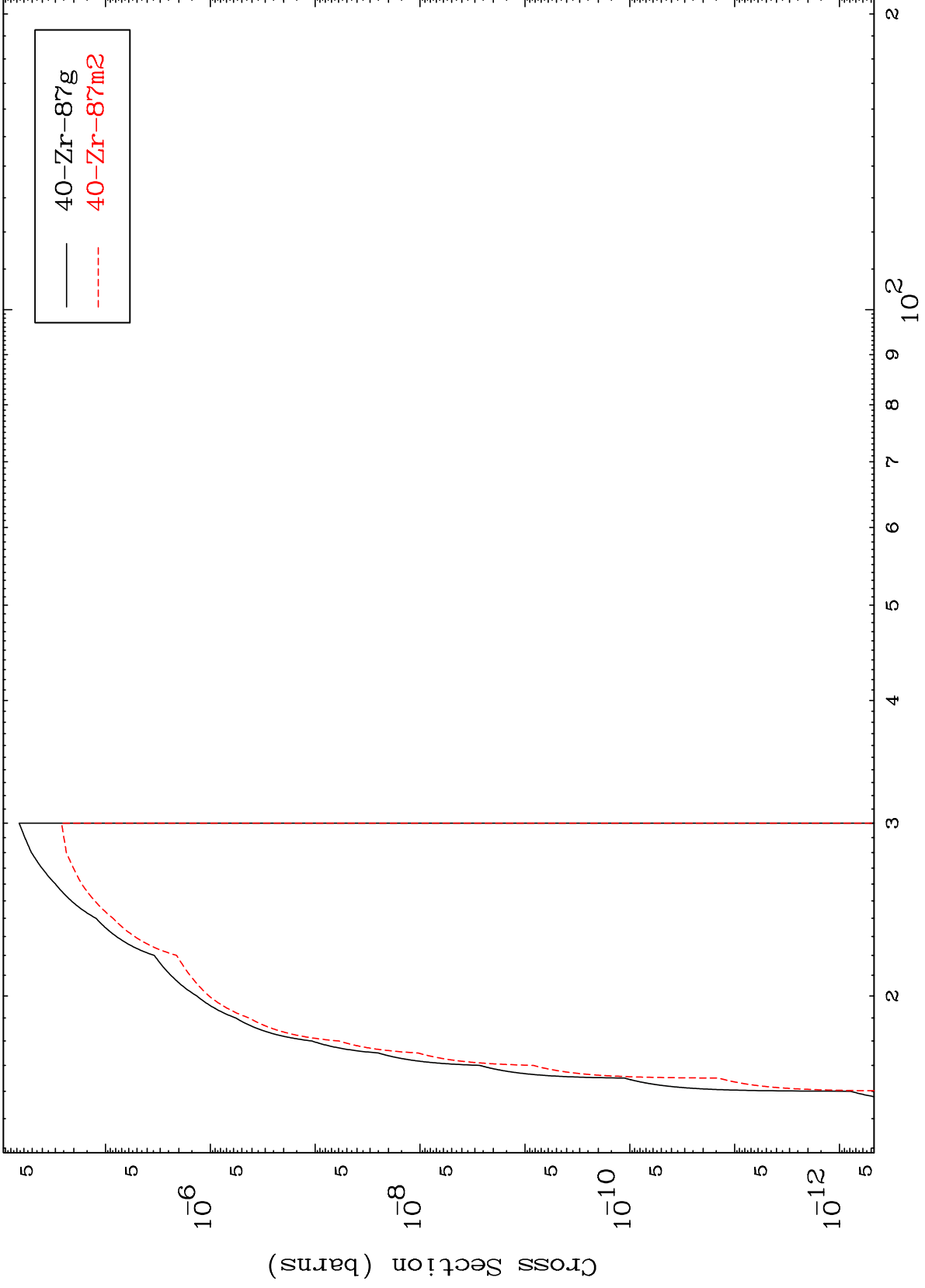
41-Nb-89m

MAT 4114

(n,d)

41-Nb-89m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

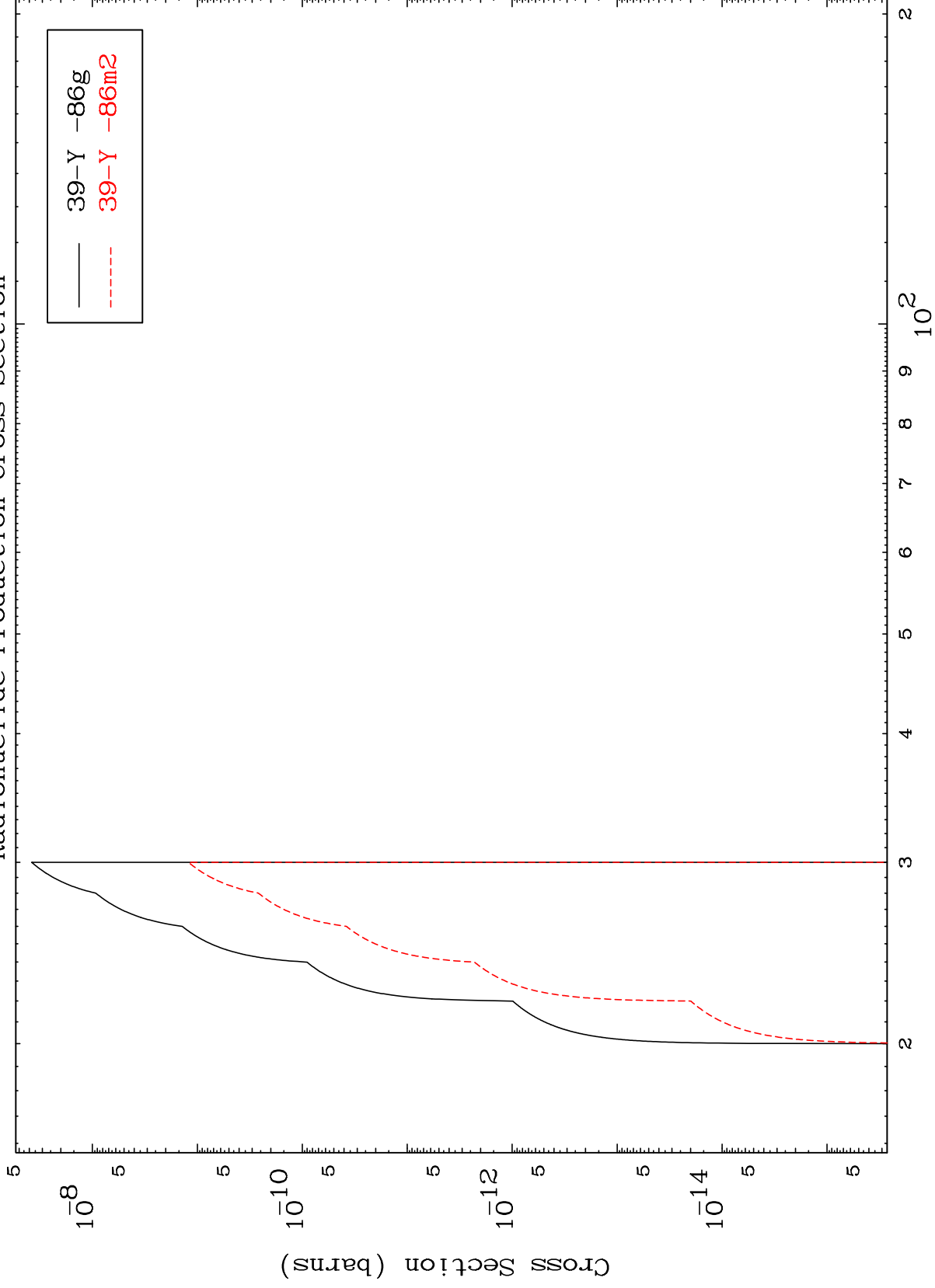
41-Nb-89m

MAT 4114

(n,He-3)

41-Nb-89m

Radionuclide Production Cross Section



19

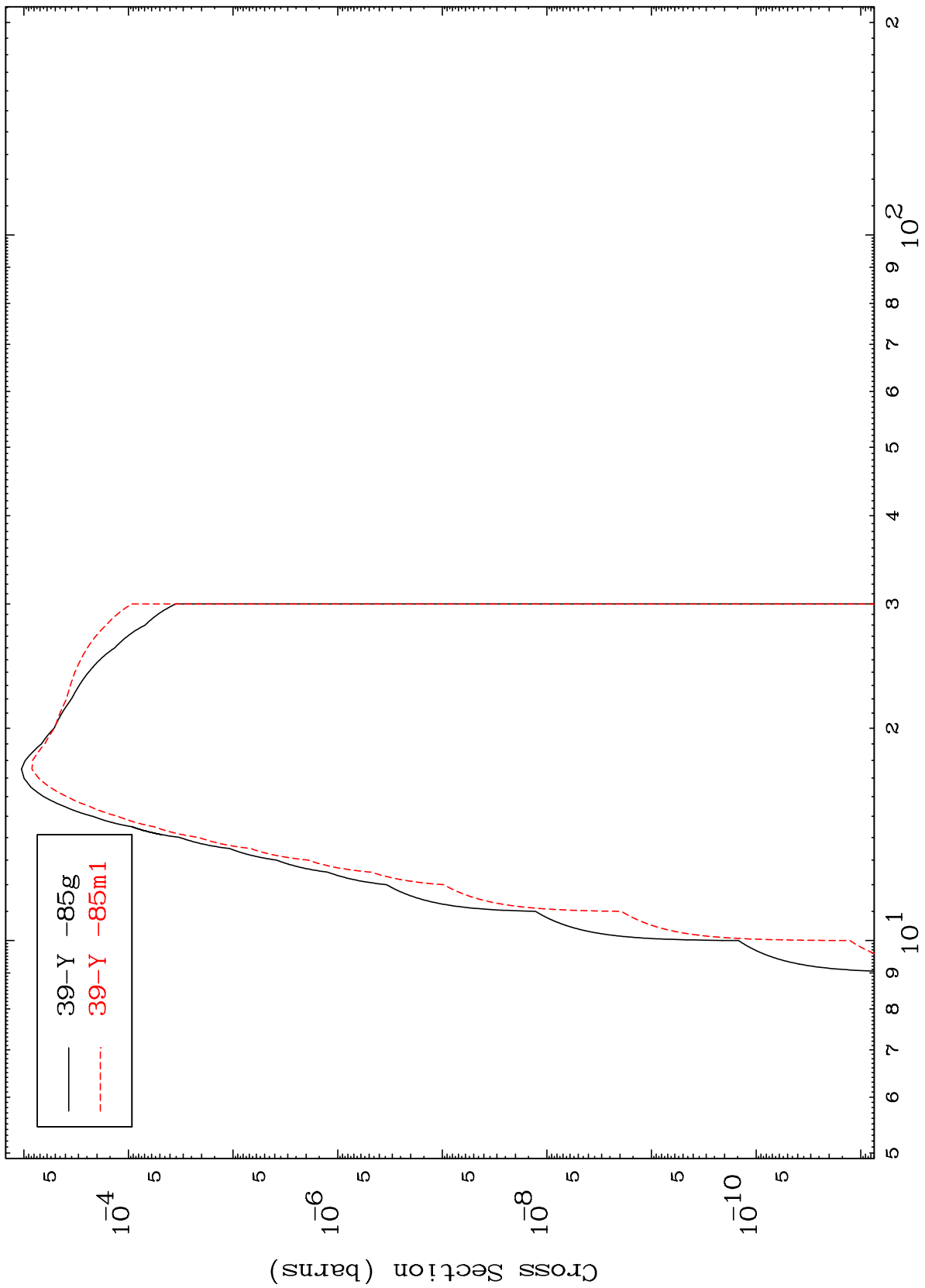
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

Radionuclide Production Cross Section (n,α)



20

Incident Energy (MeV)

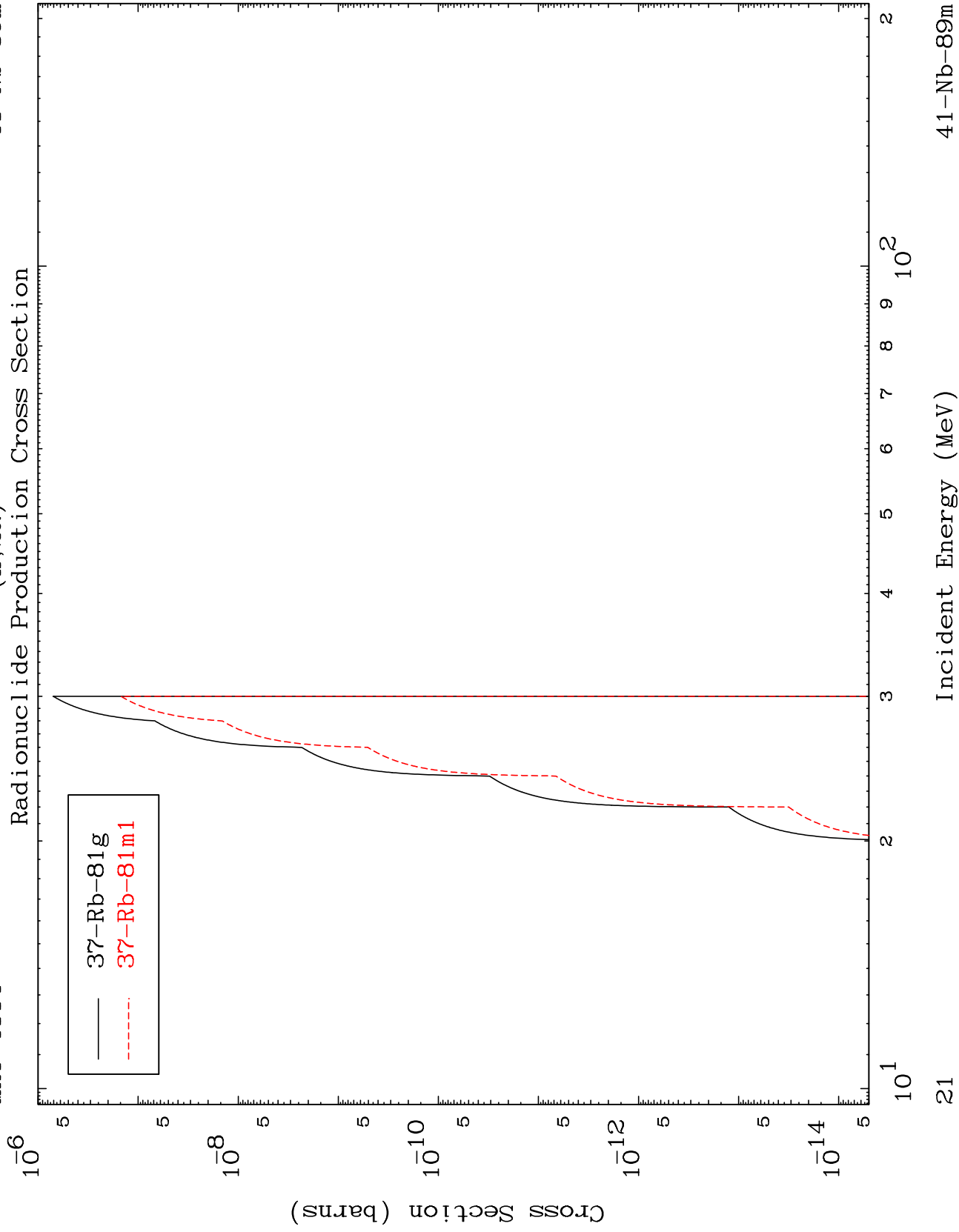
41-Nb-89m

MAT 4114

(n,2α)

41-Nb-89m

Radionuclide Production Cross Section



Incident Energy (MeV)

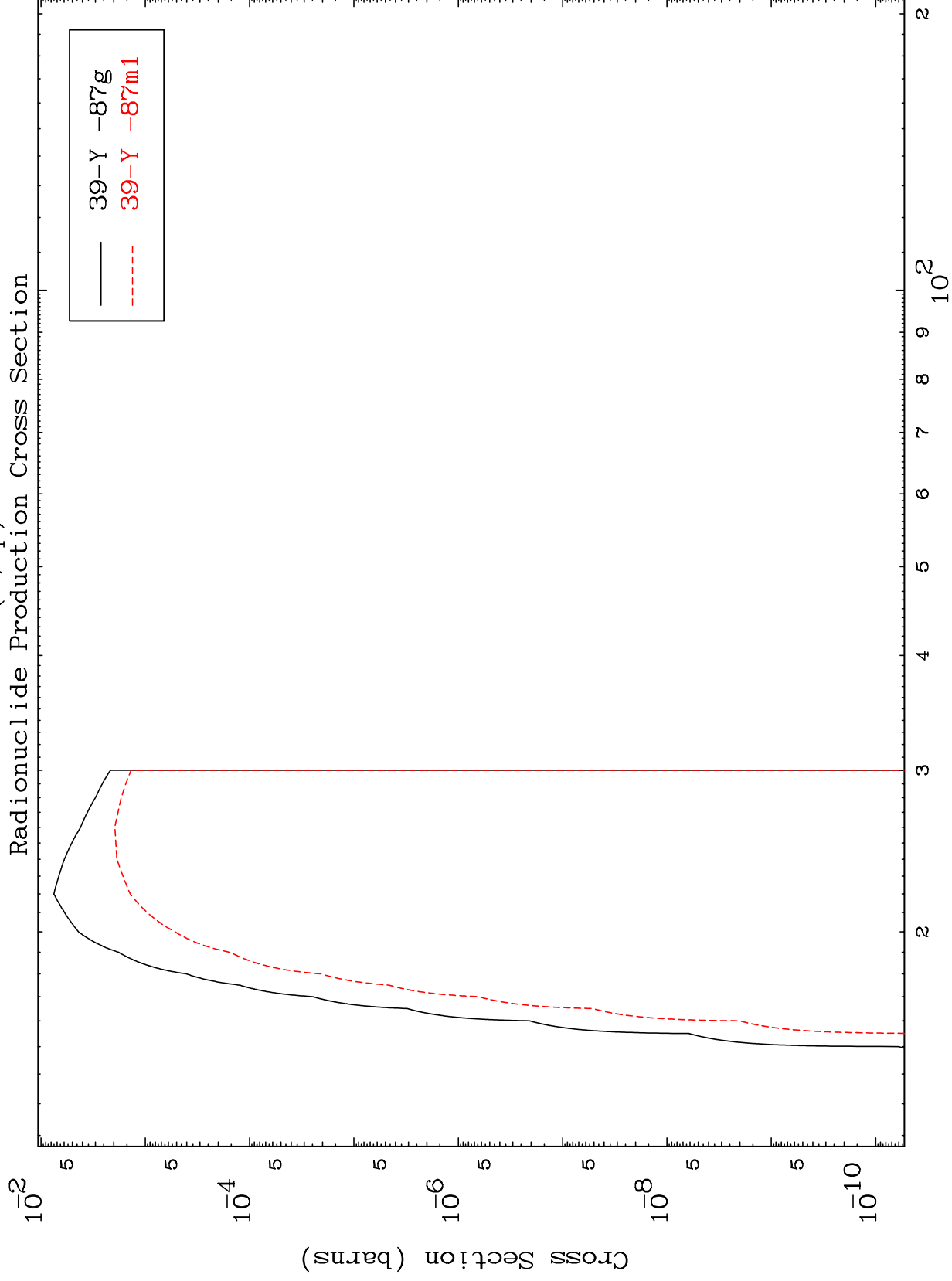
41-Nb-89m

21

MAT 4114

(n,2p)

41-Nb-89m



22

Incident Energy (MeV)

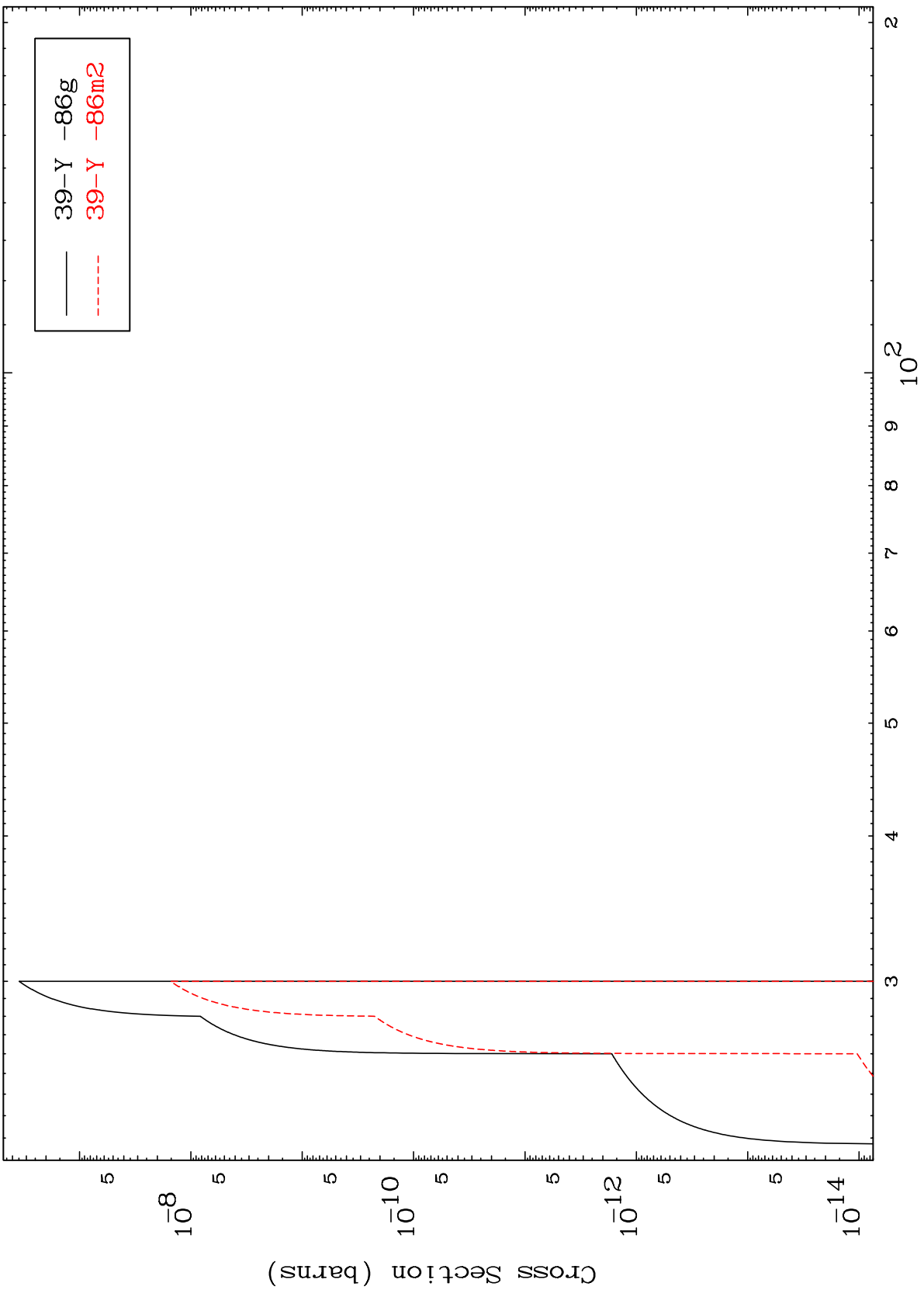
41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-89m