

Program EVALPLOT
(Version 2021-1)

by

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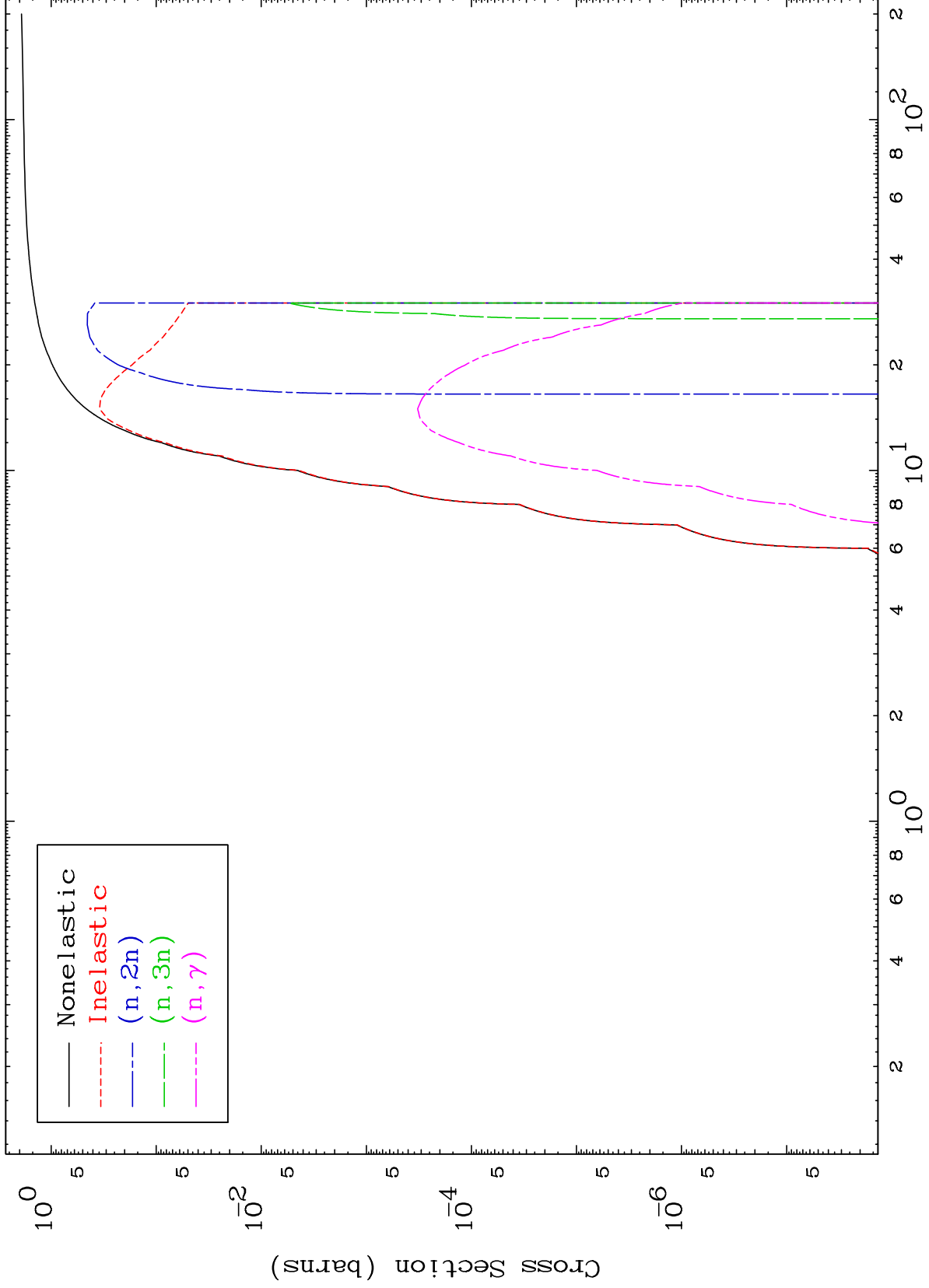
Press Mouse Button to Start

MAT 4023

0 Kelvin

α Major Cross Sections

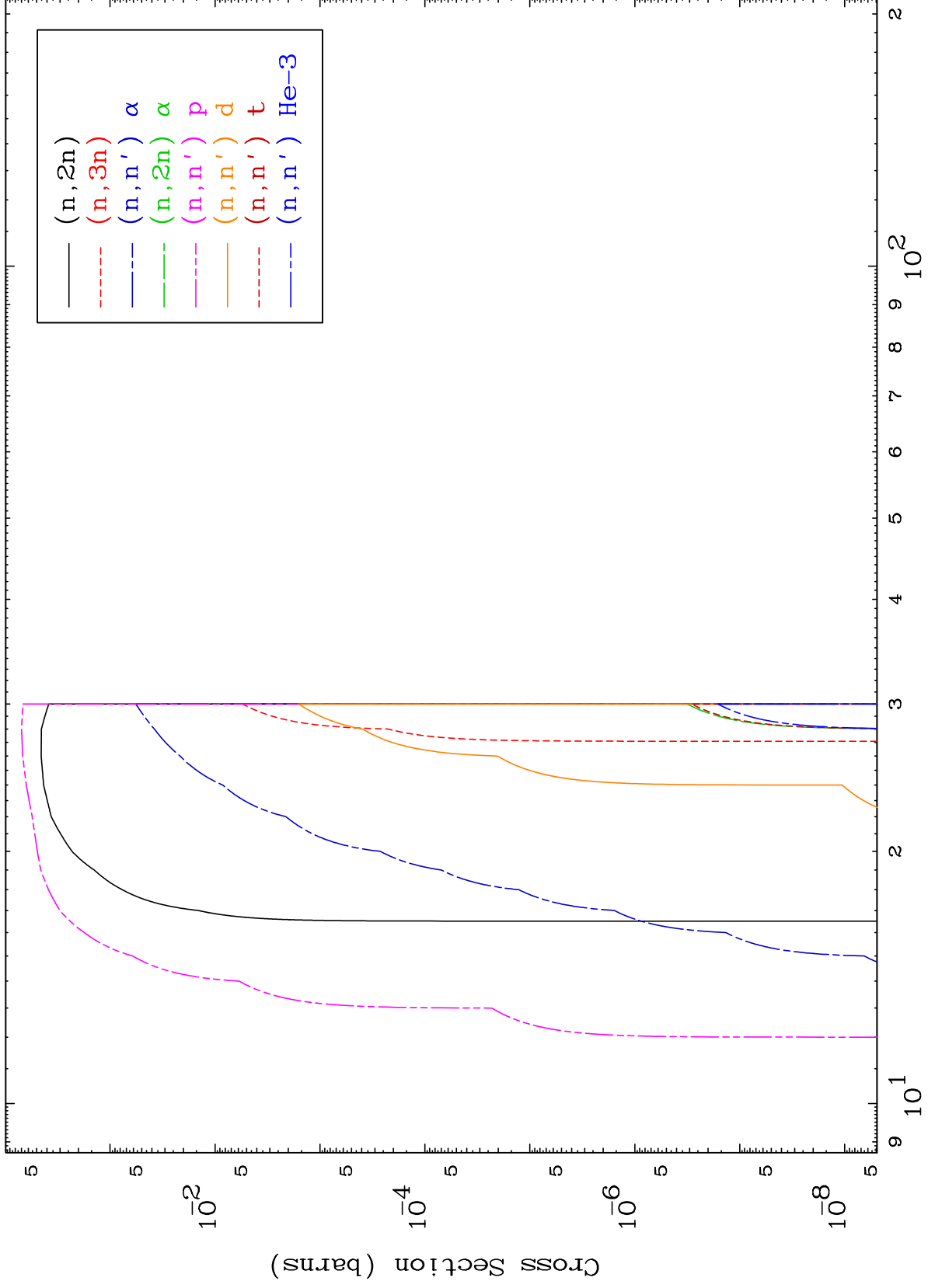
40-Zr-89m



MAT 4023

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-89m



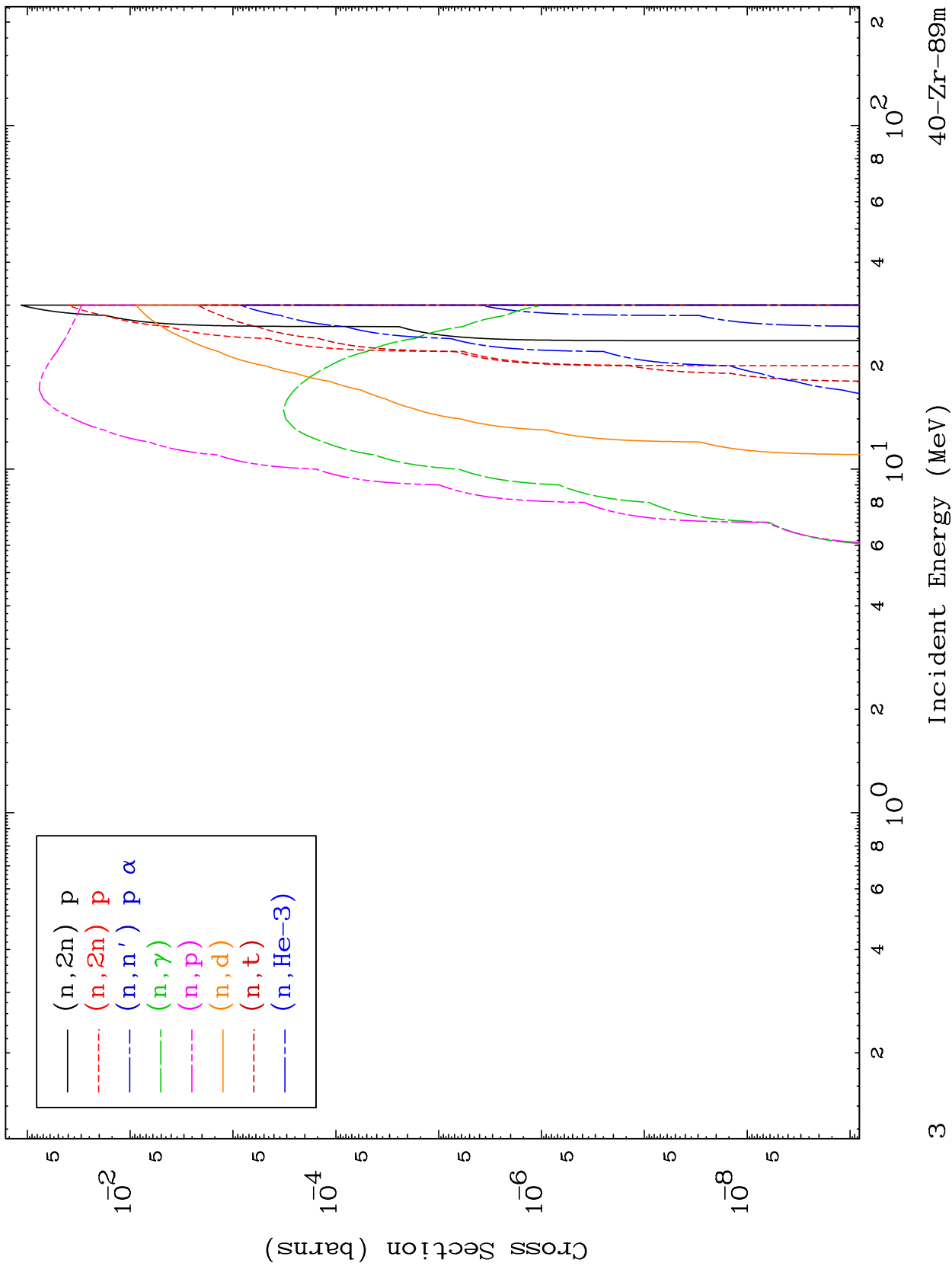
Incident Energy (MeV)

40-Zr-89m

MAT 4023

α Neutron Absorption
0 Kelvin Cross Sections

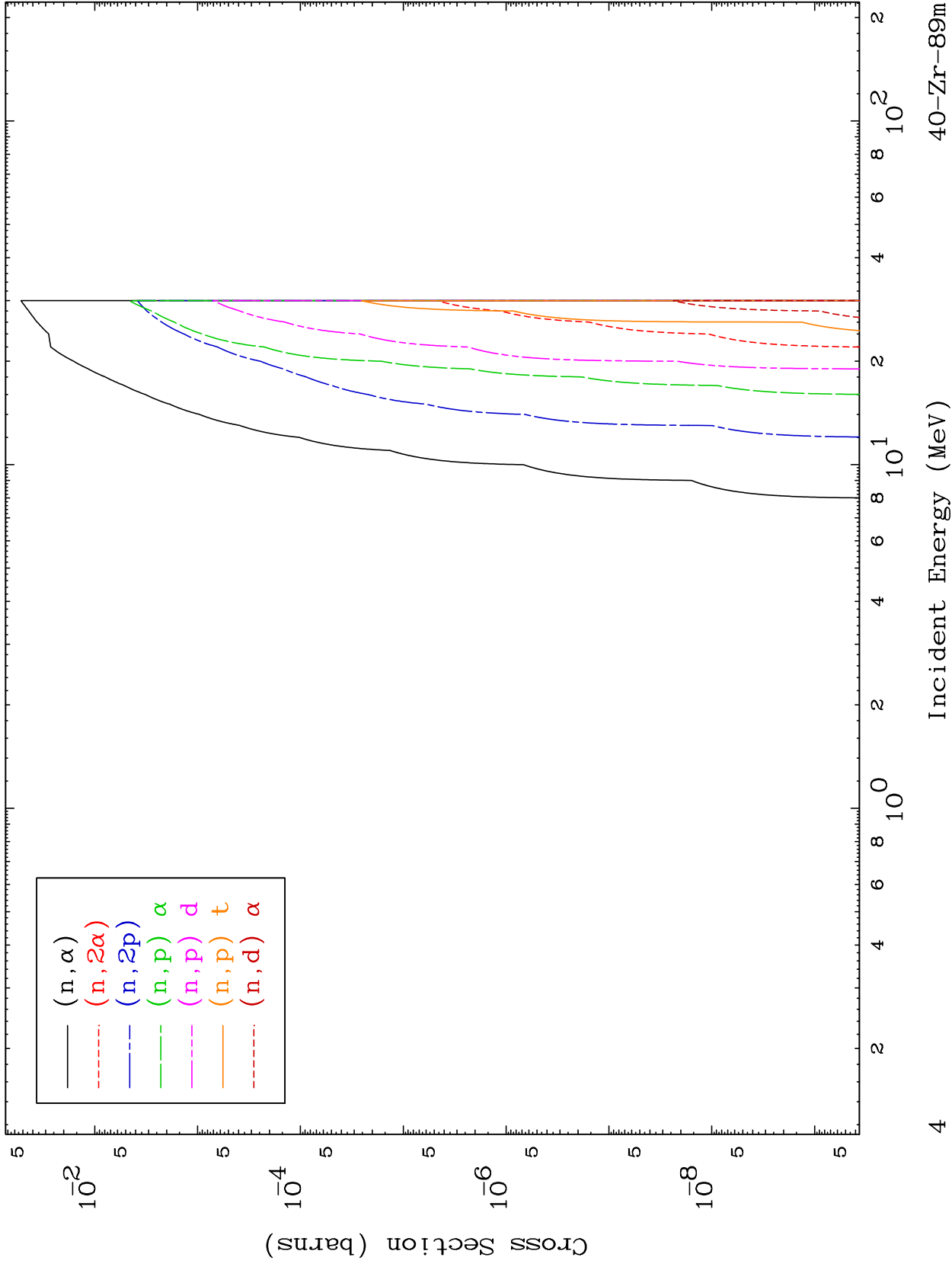
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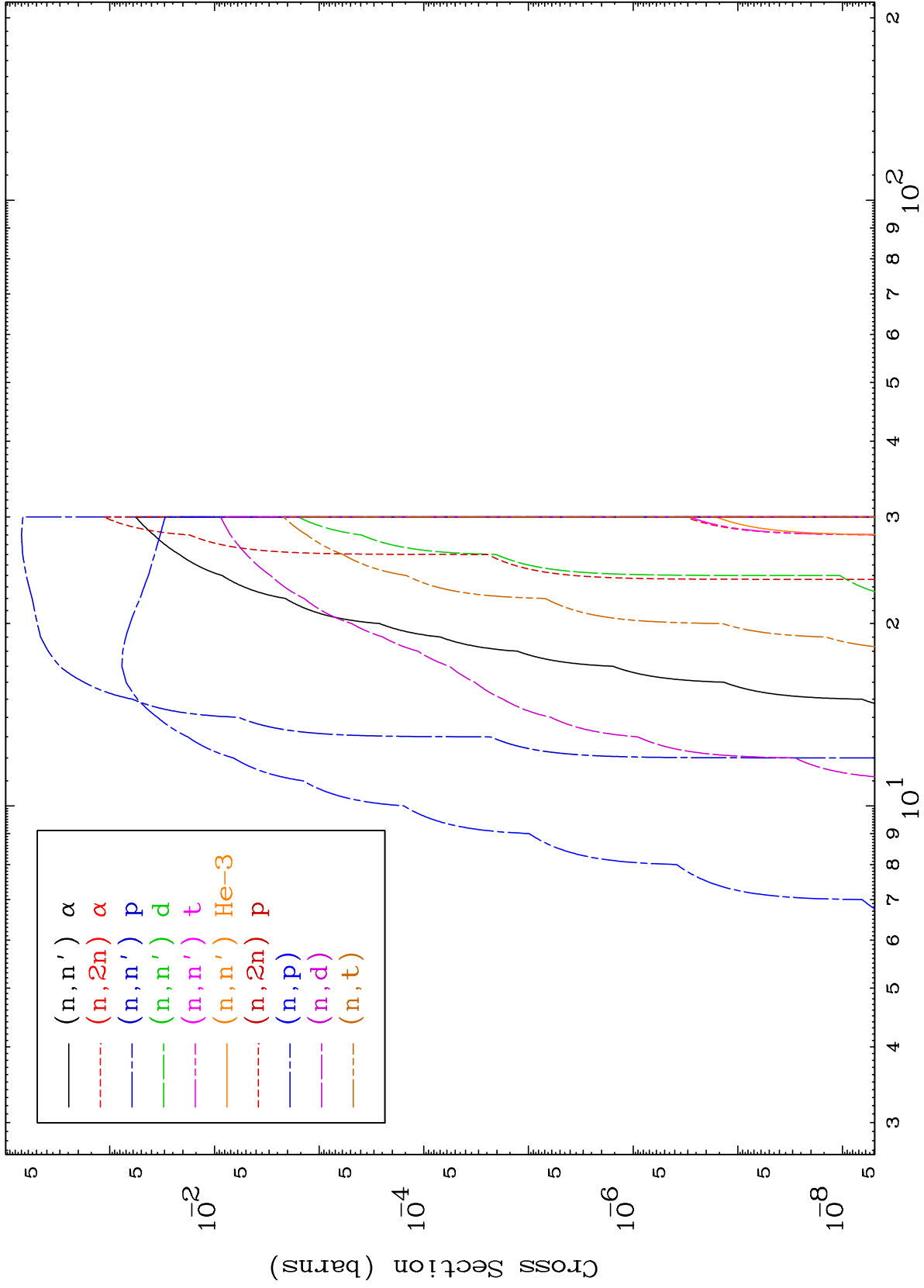


MAT 4023

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-89m

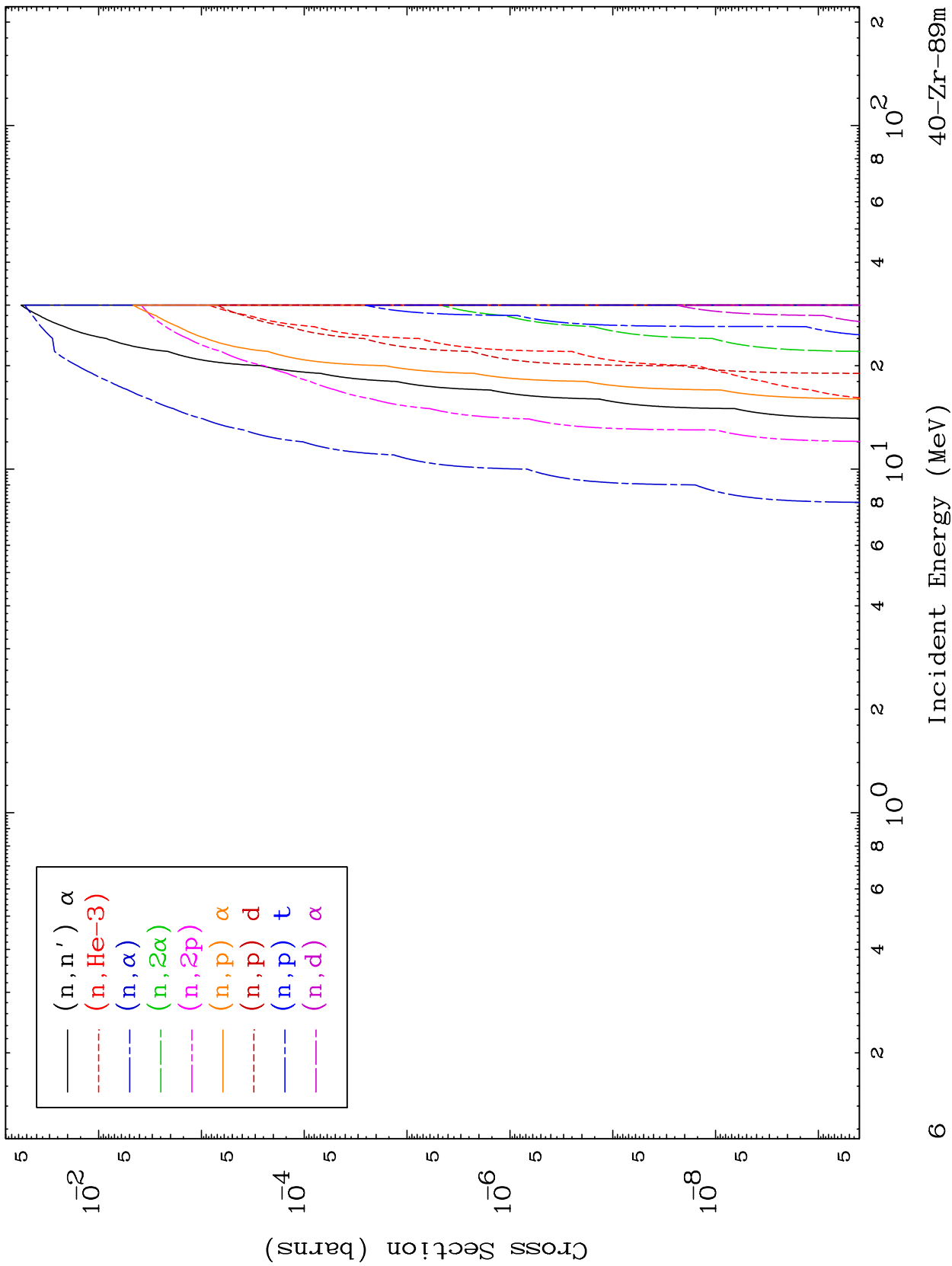




MAT 4023

α Charged Particle
0 Kelvin Cross Sections

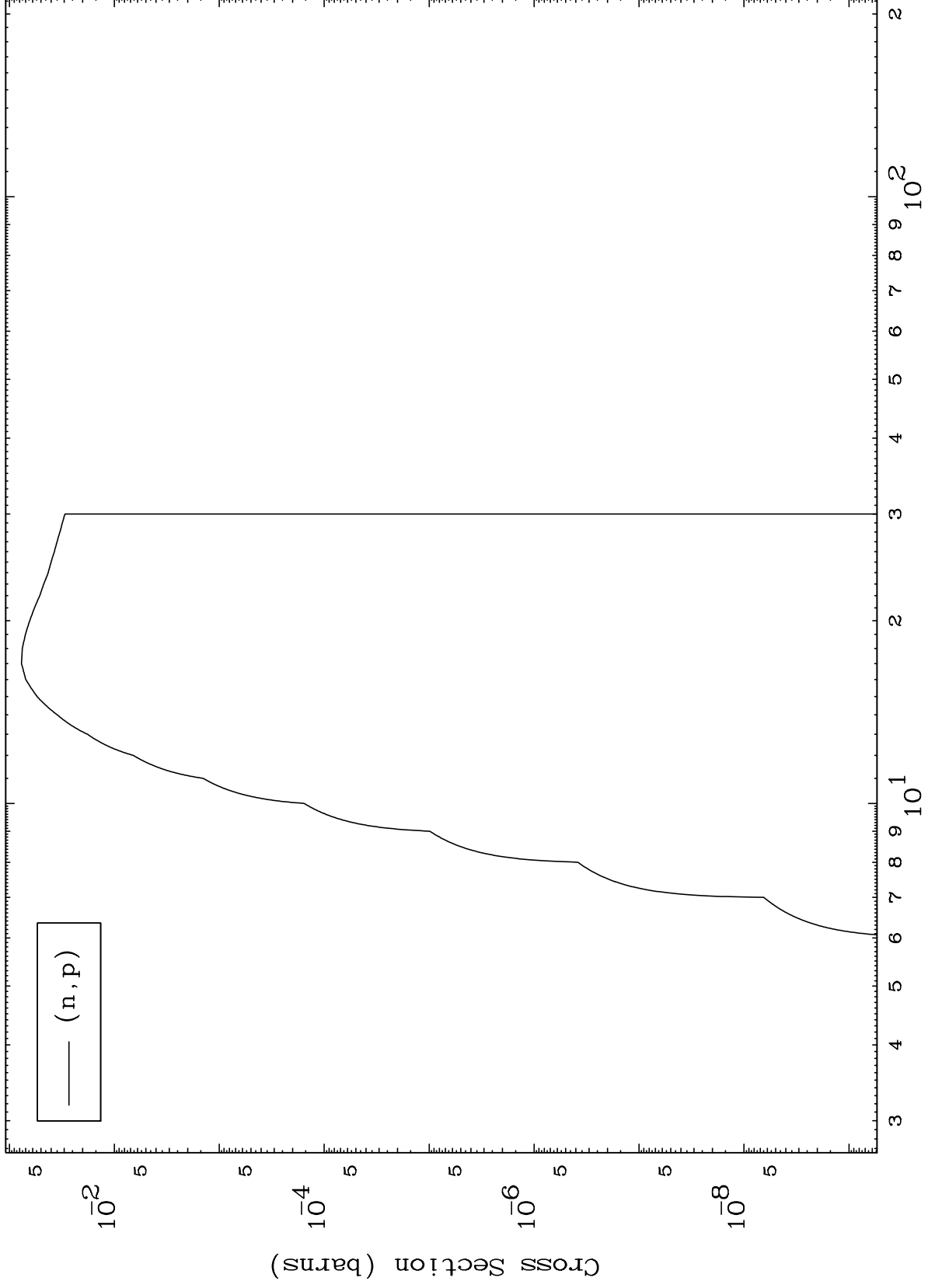
40-Zr-89m



MAT 4023

(α, p) Levels
0 Kelvin Cross Sections

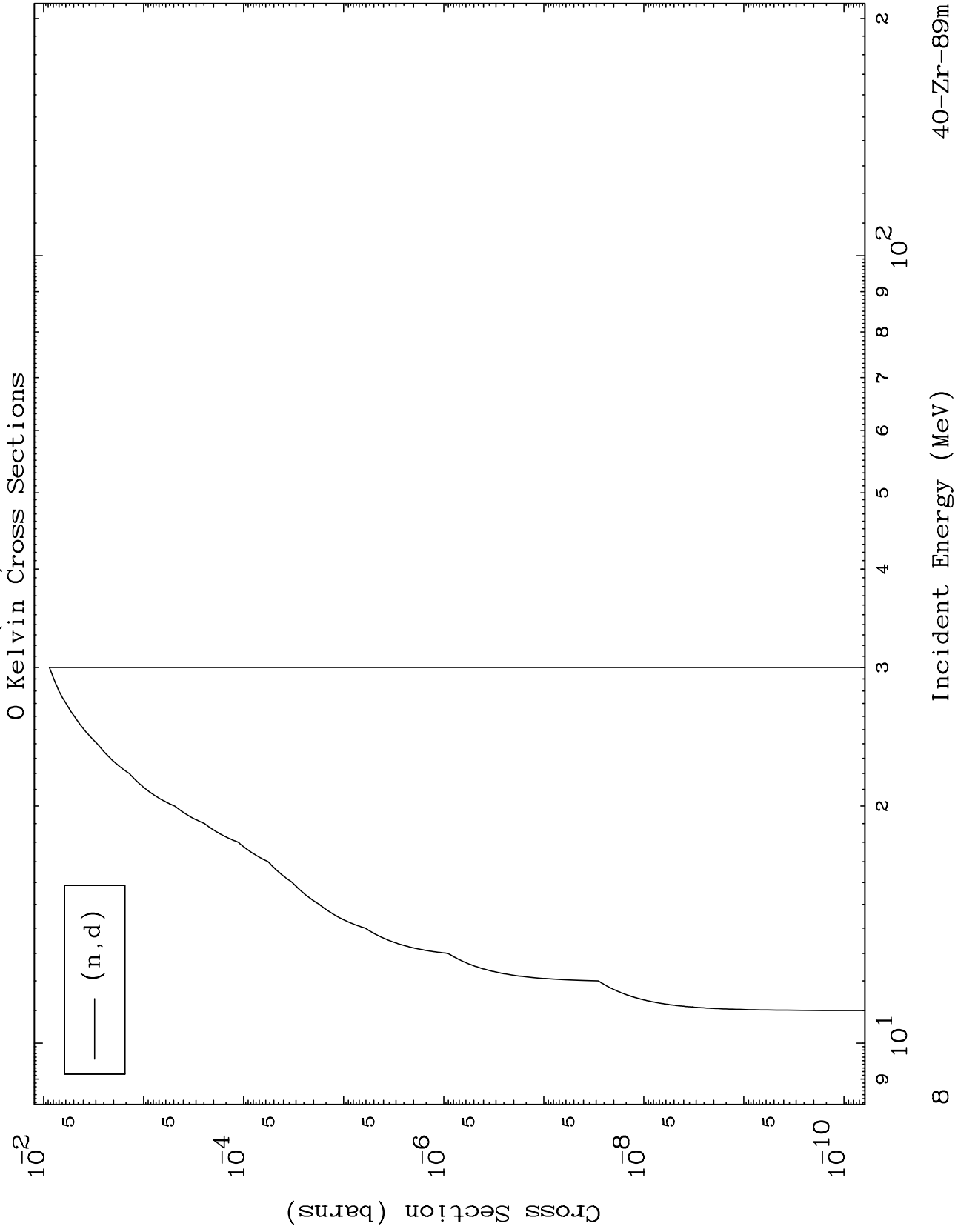
40-Zr-89m

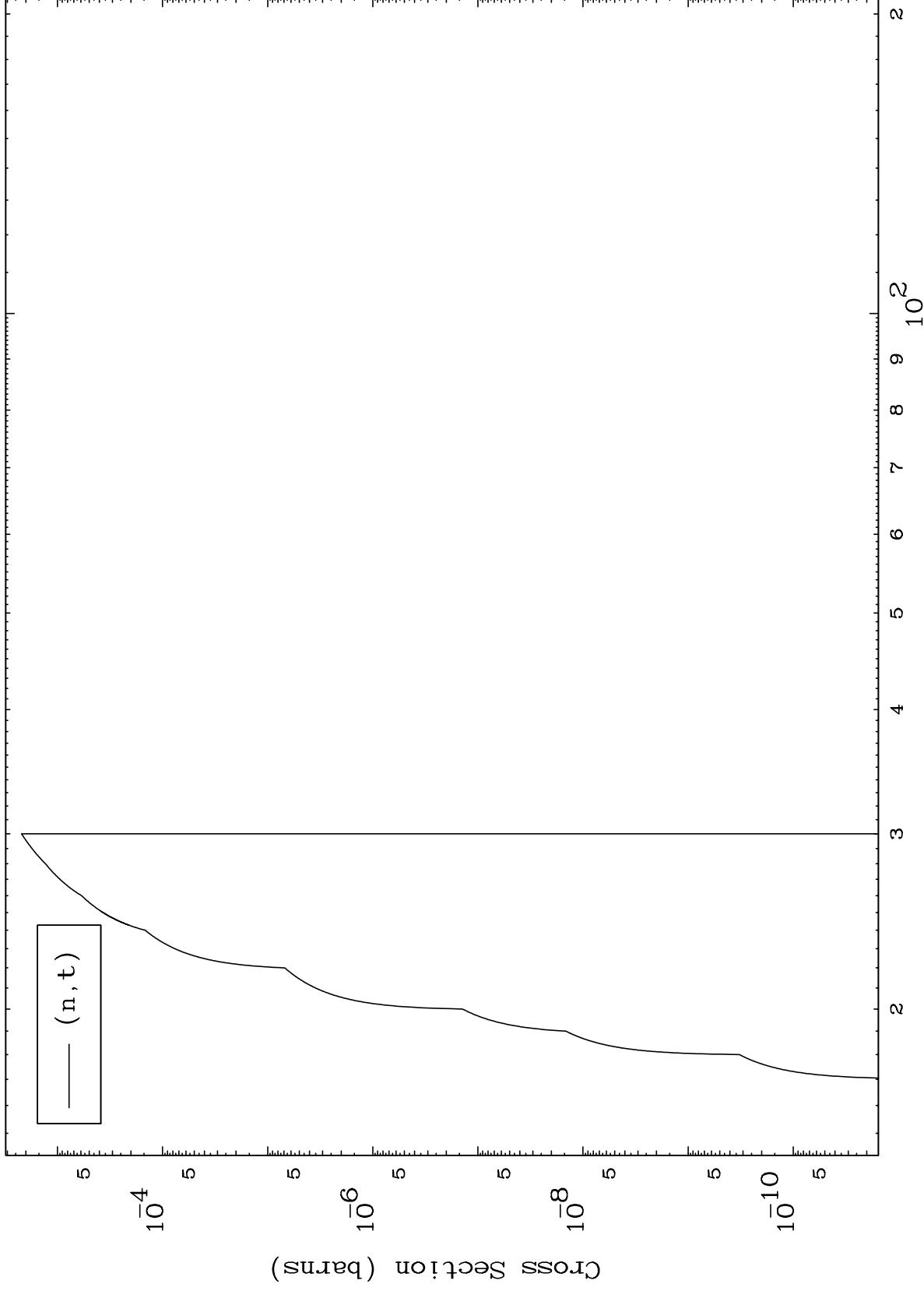


MAT 4023

(α, d) Levels

40-Zr-89m

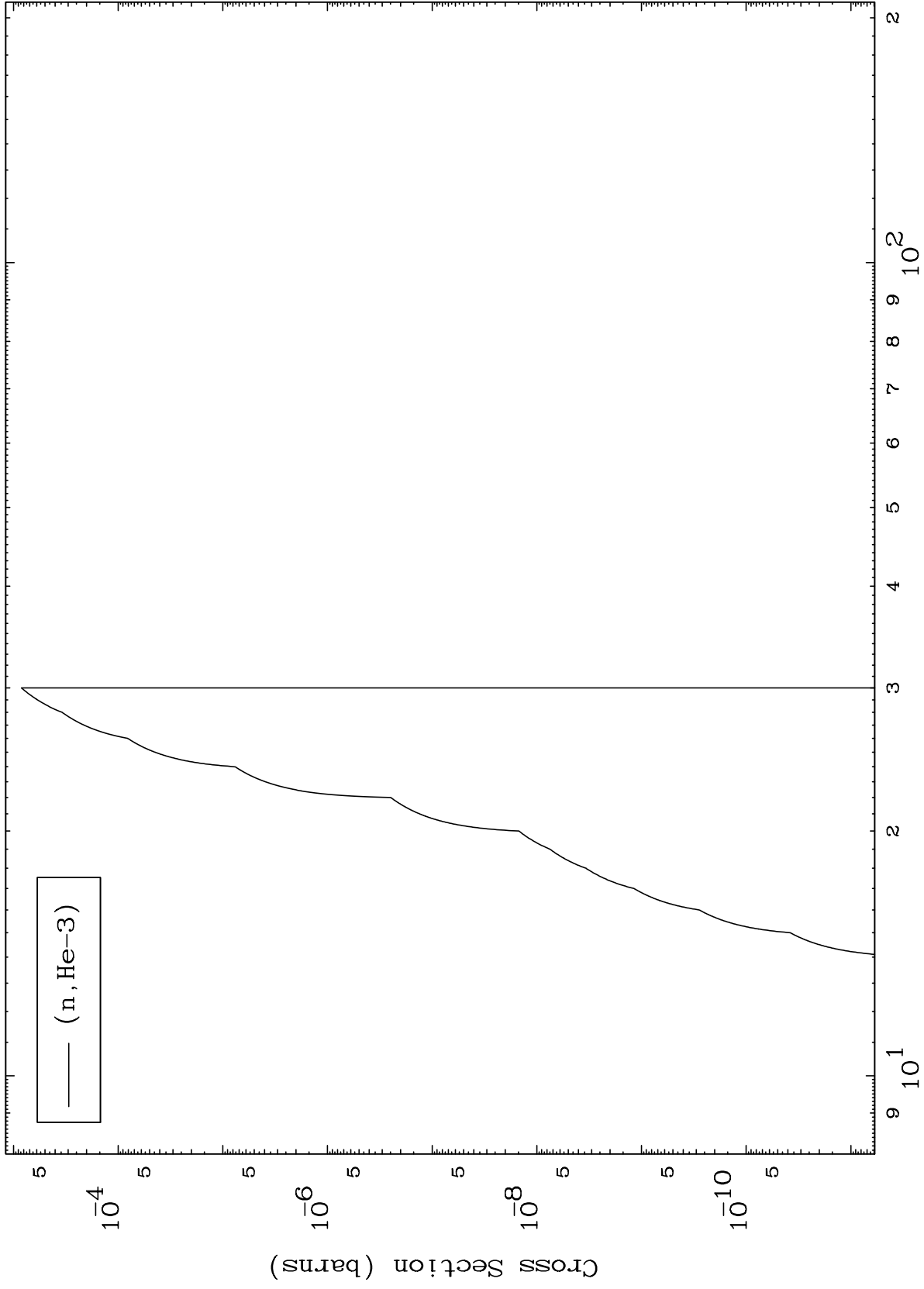




MAT 4023

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

40-Zr-89m



10

Incident Energy (MeV)

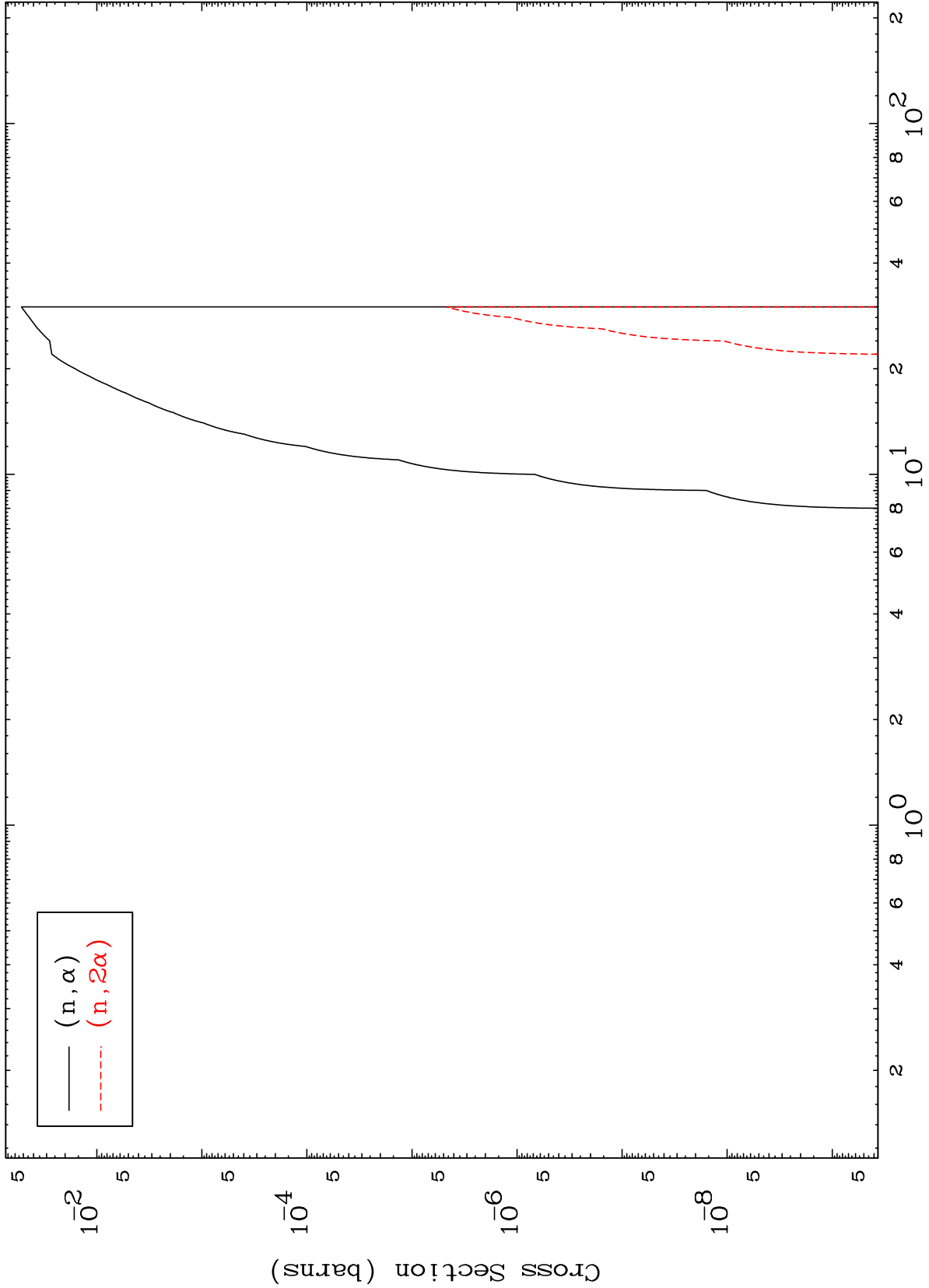
40-Zr-89m

MAT 4023

(α, α) Levels

40-Zr-89m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

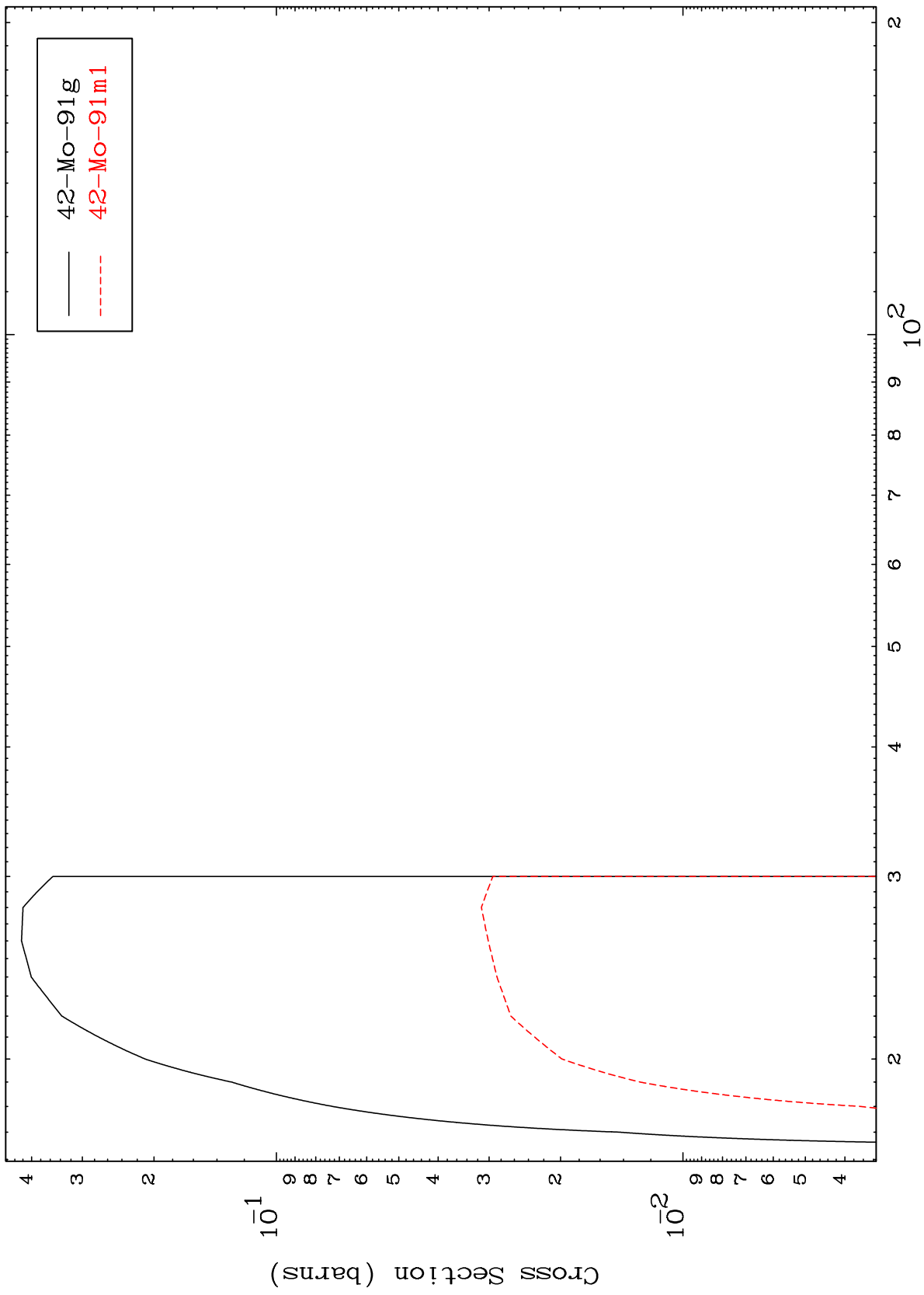
40-Zr-89m

Incident Energy (MeV)

MAT 4023

40-Zr-89m

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

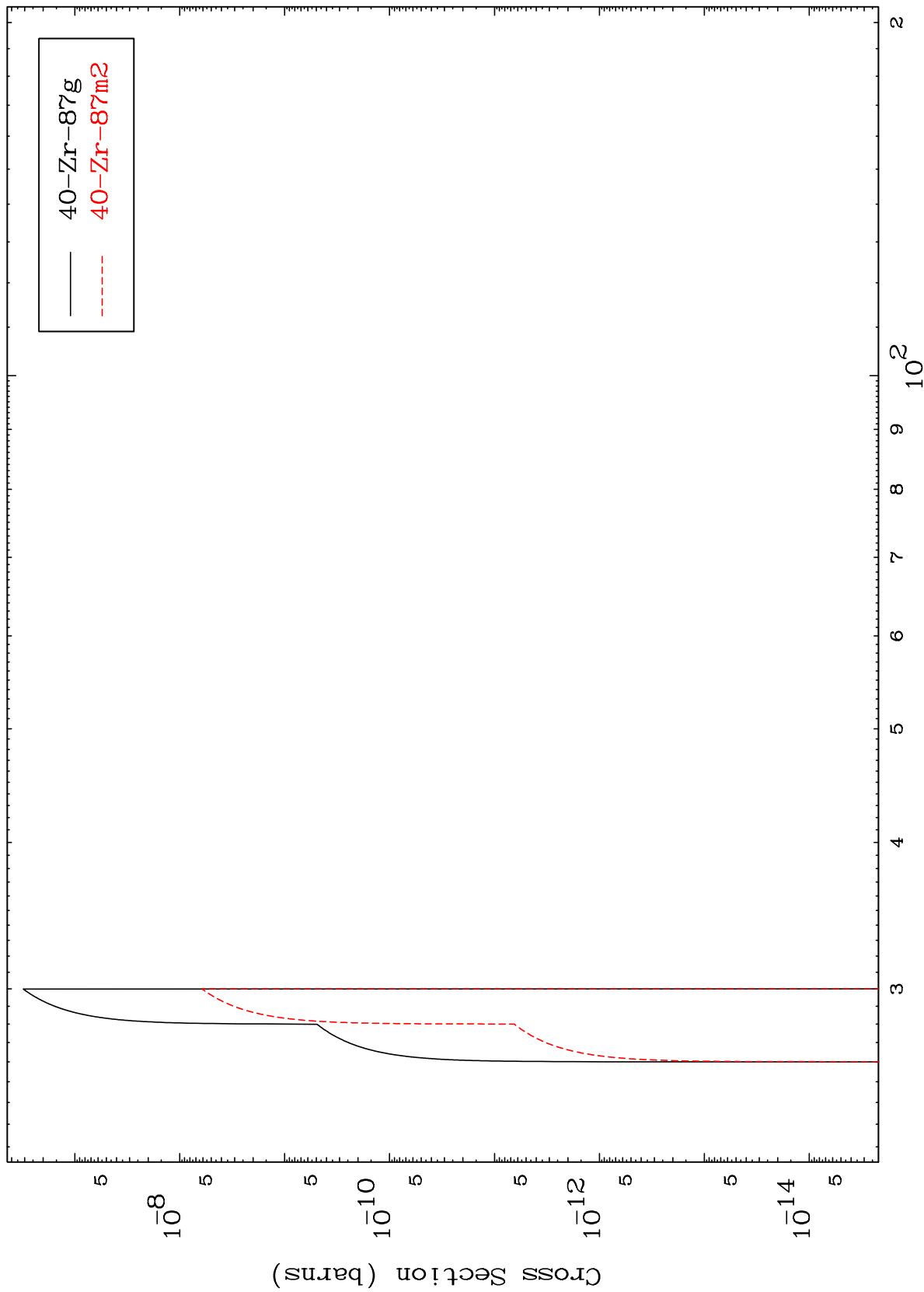
40-Zr-89m

MAT 4023

40-Zr-89m

(n,2n) α

Radionuclide Production Cross Section



40-Zr-89m

Incident Energy (MeV)

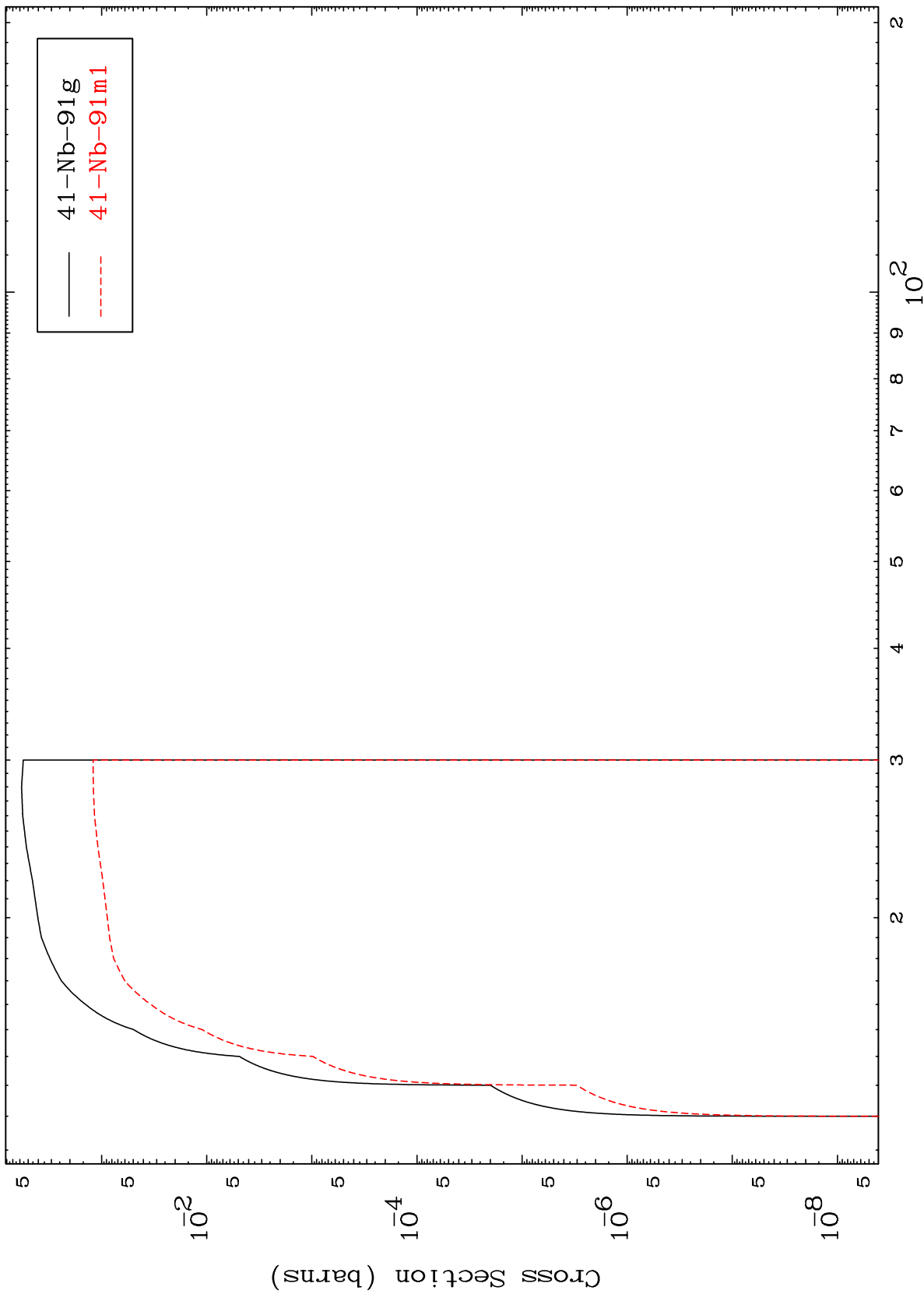
13

MAT 4023

(n,n') p

40-Zr-89m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

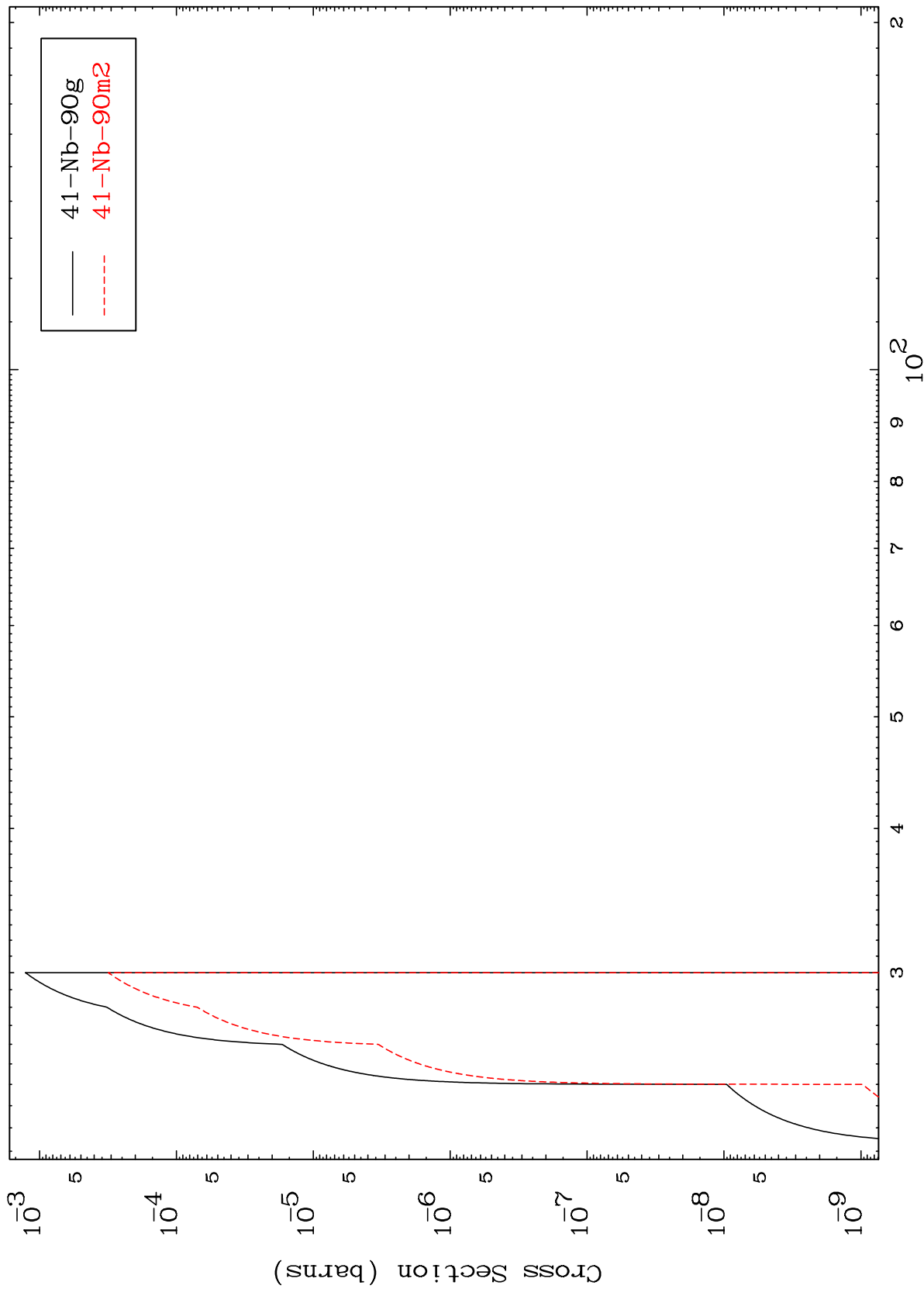
40-Zr-89m

MAT 4023

(n,n') d

40-Zr-89m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

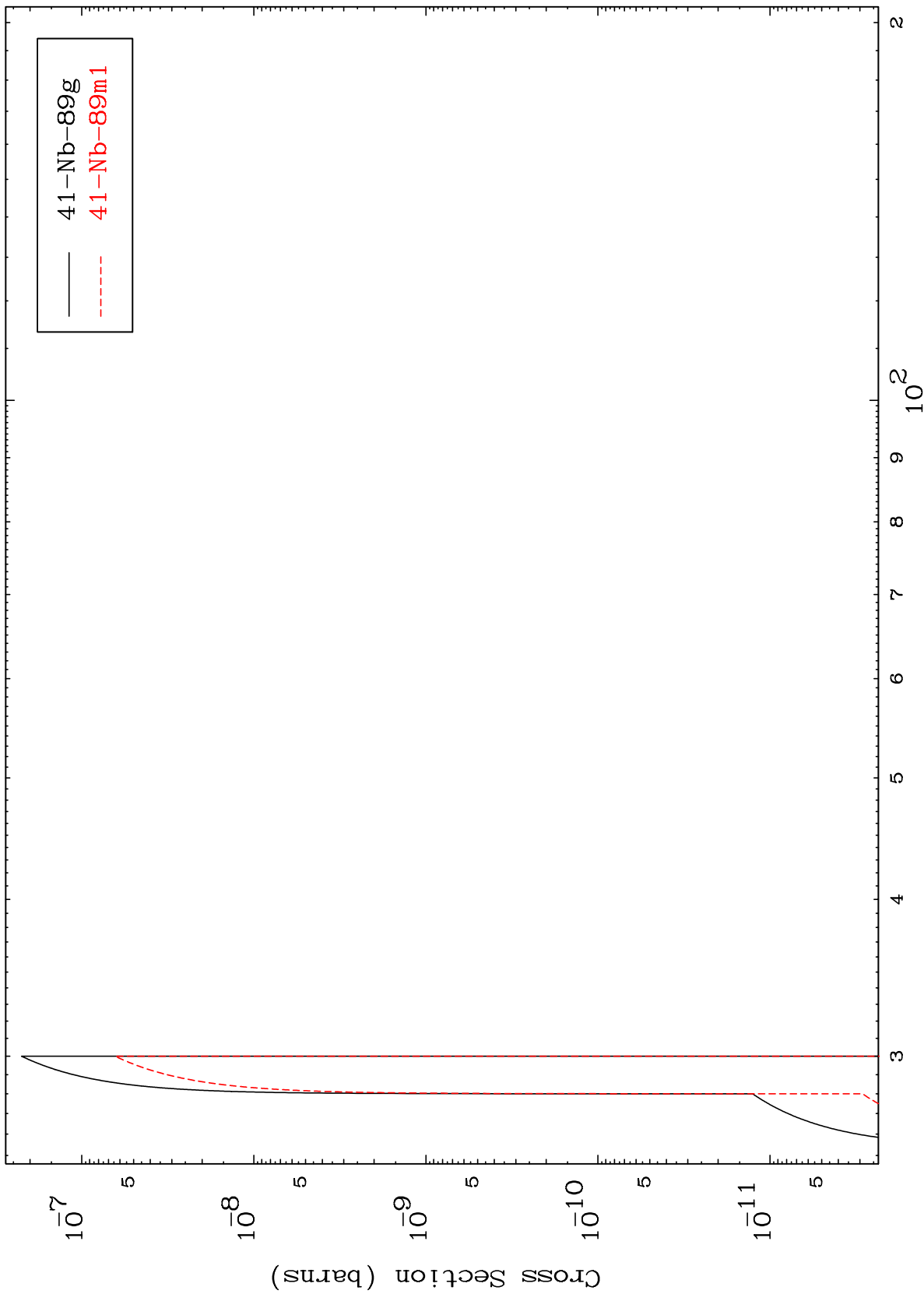
40-Zr-89m

MAT 4023

(n,n') t

40-Zr-89m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

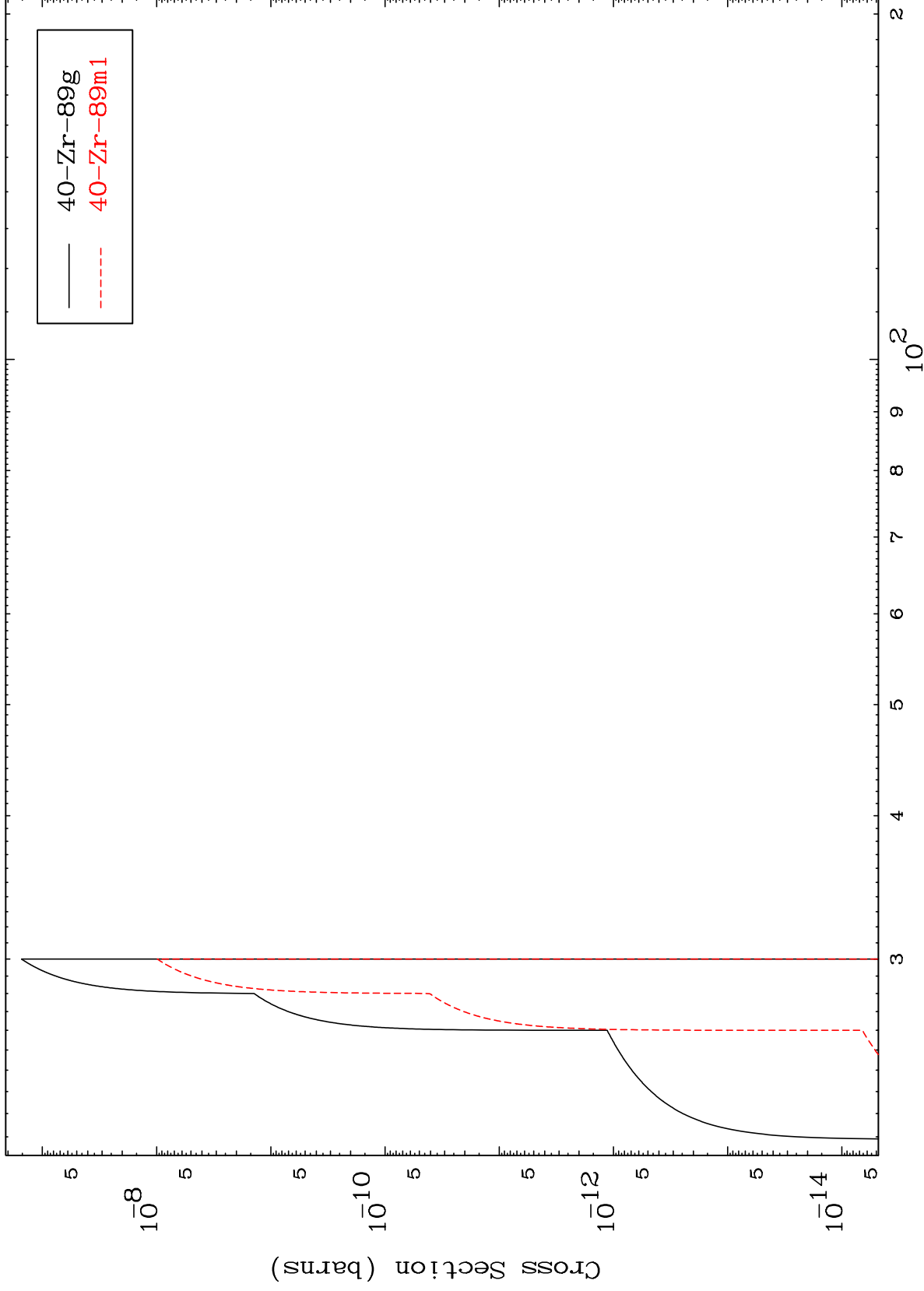
40-Zr-89m

MAT 4023

(n,n') He-3

40-Zr-89m

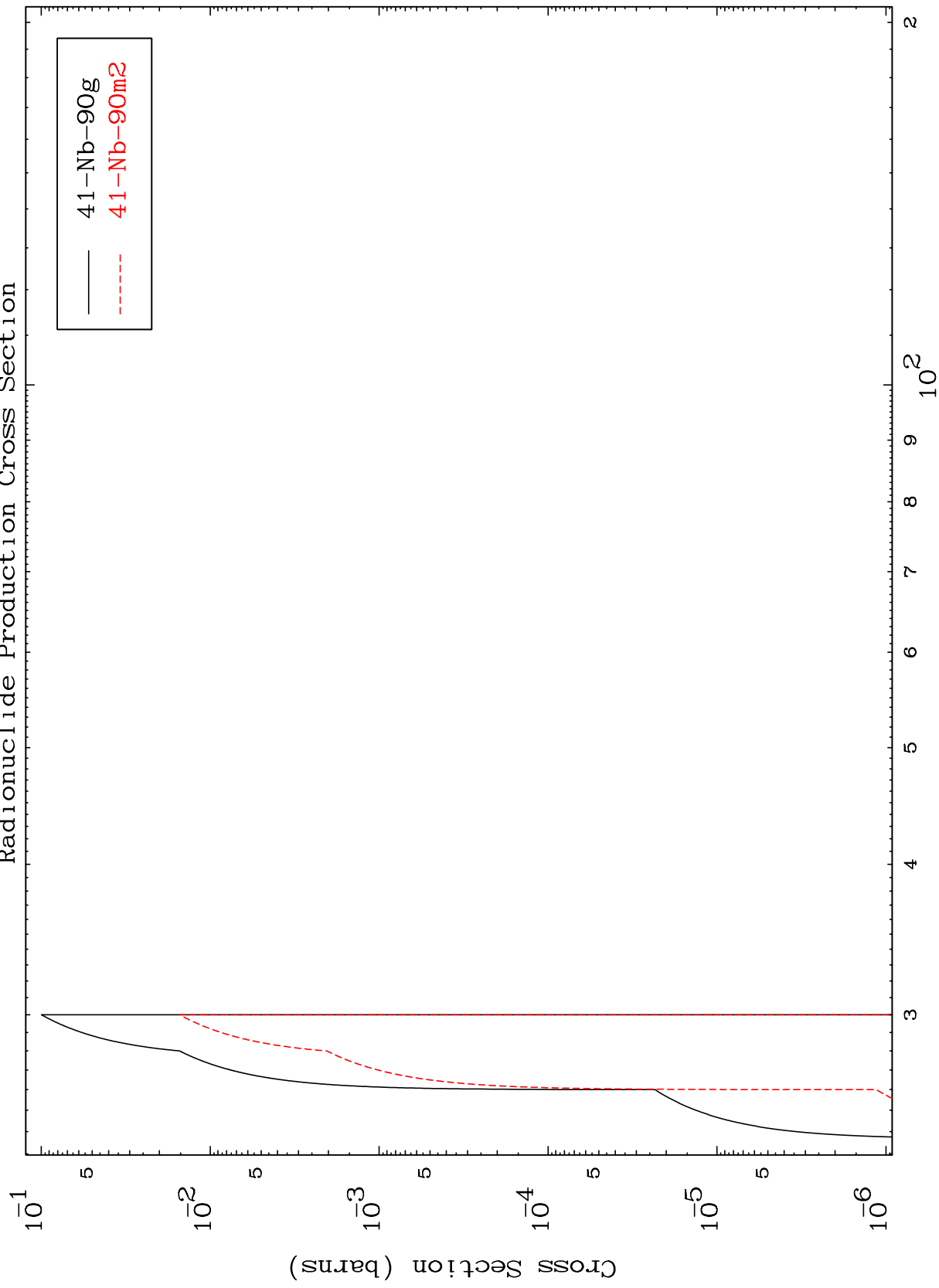
Radionuclide Production Cross Section



MAT 4023

40-Zr-89m

(n,2n) p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

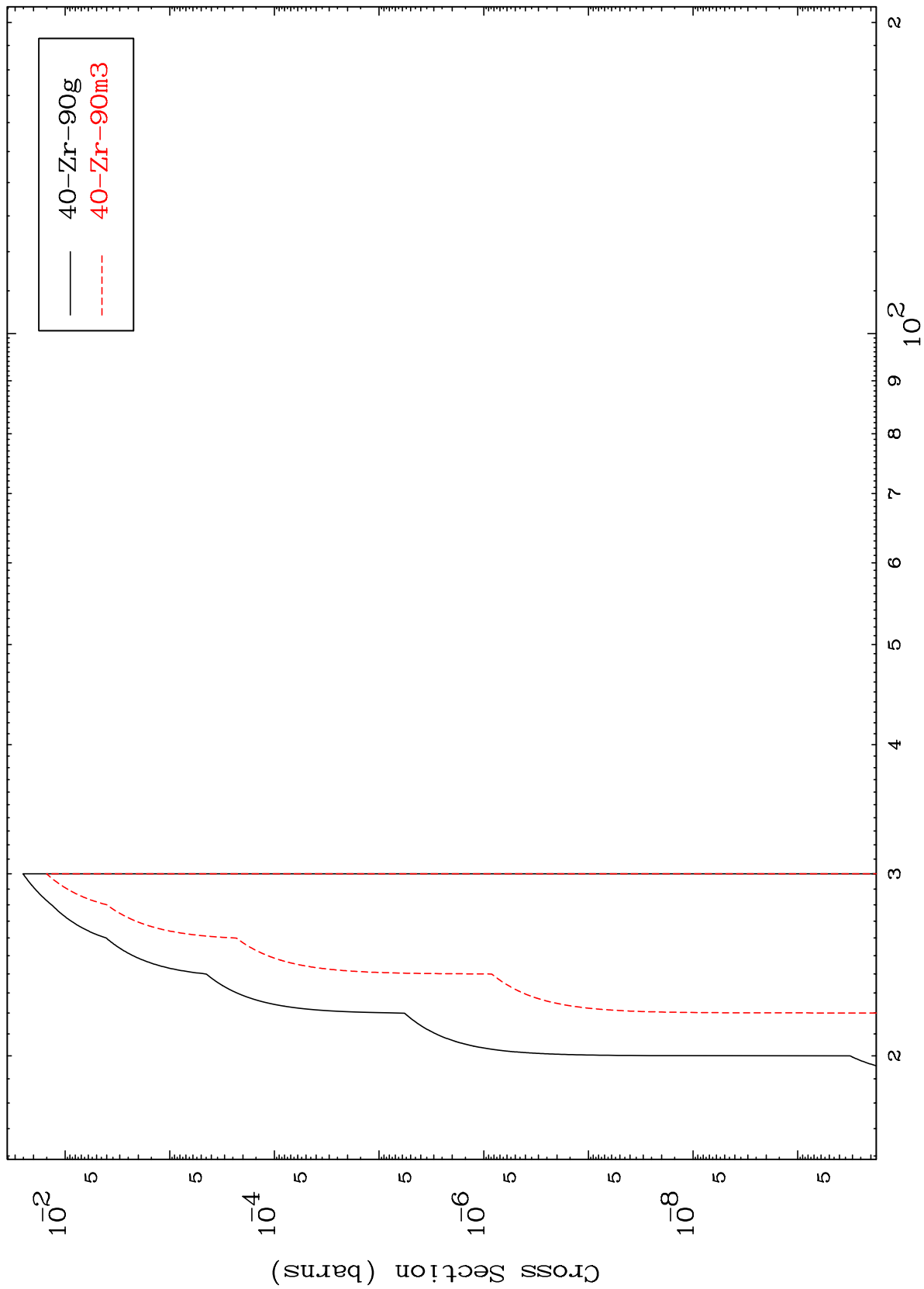
40-Zr-89m

MAT 4023

(n,2n) p

40-Zr-89m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

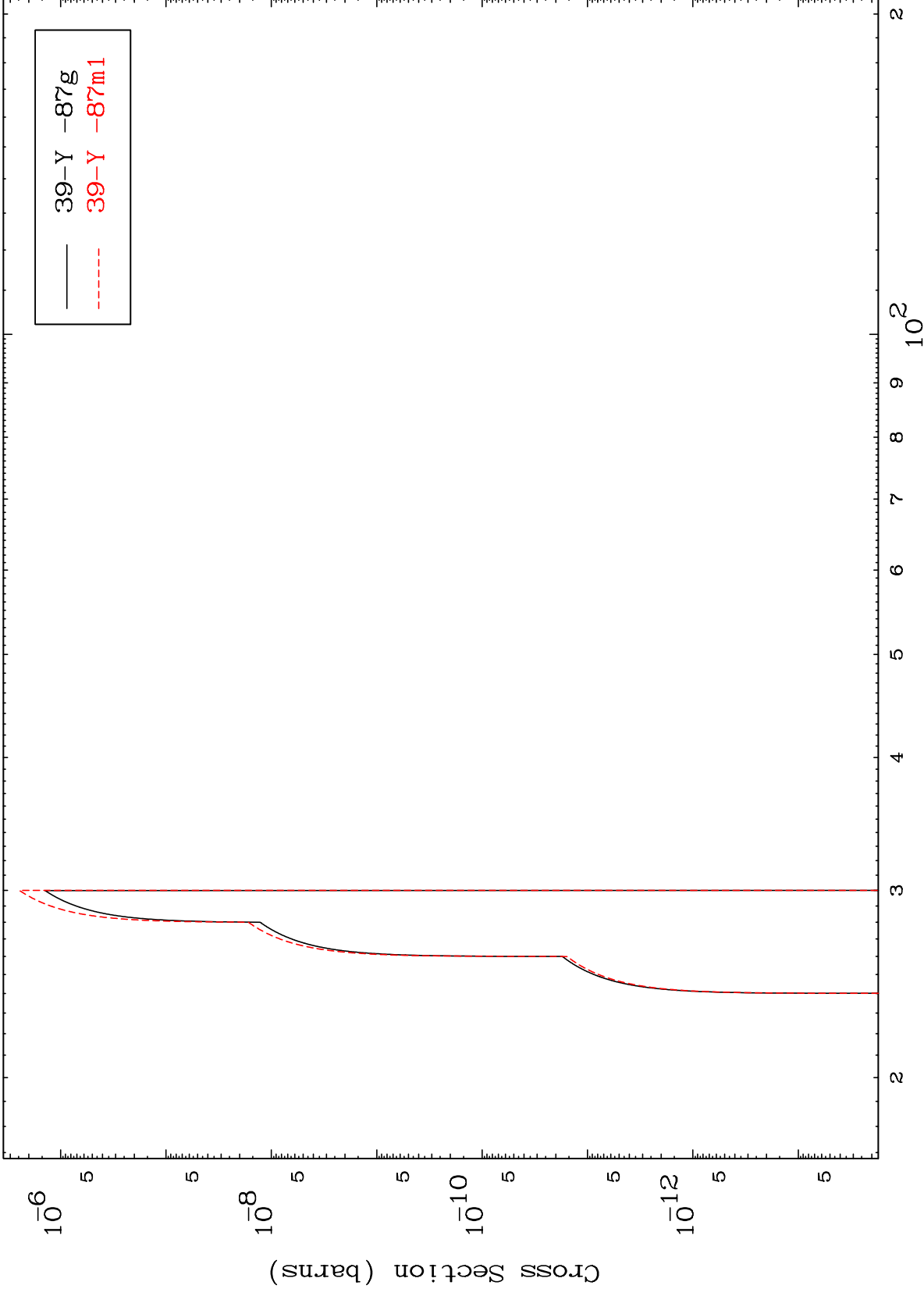
40-Zr-89m

MAT 4023

(n,n') p α

40-Zr-89m

Radionuclide Production Cross Section



20

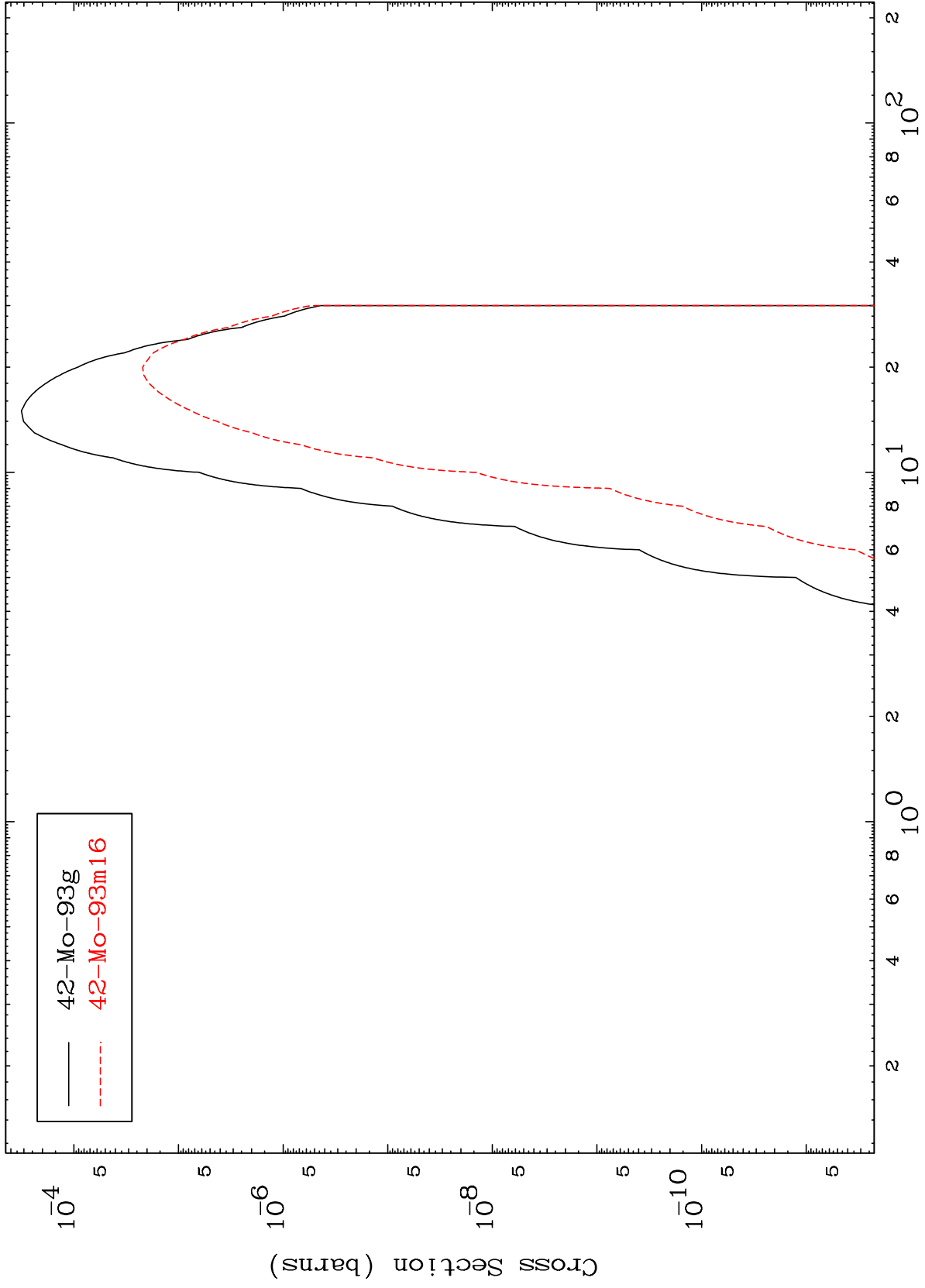
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

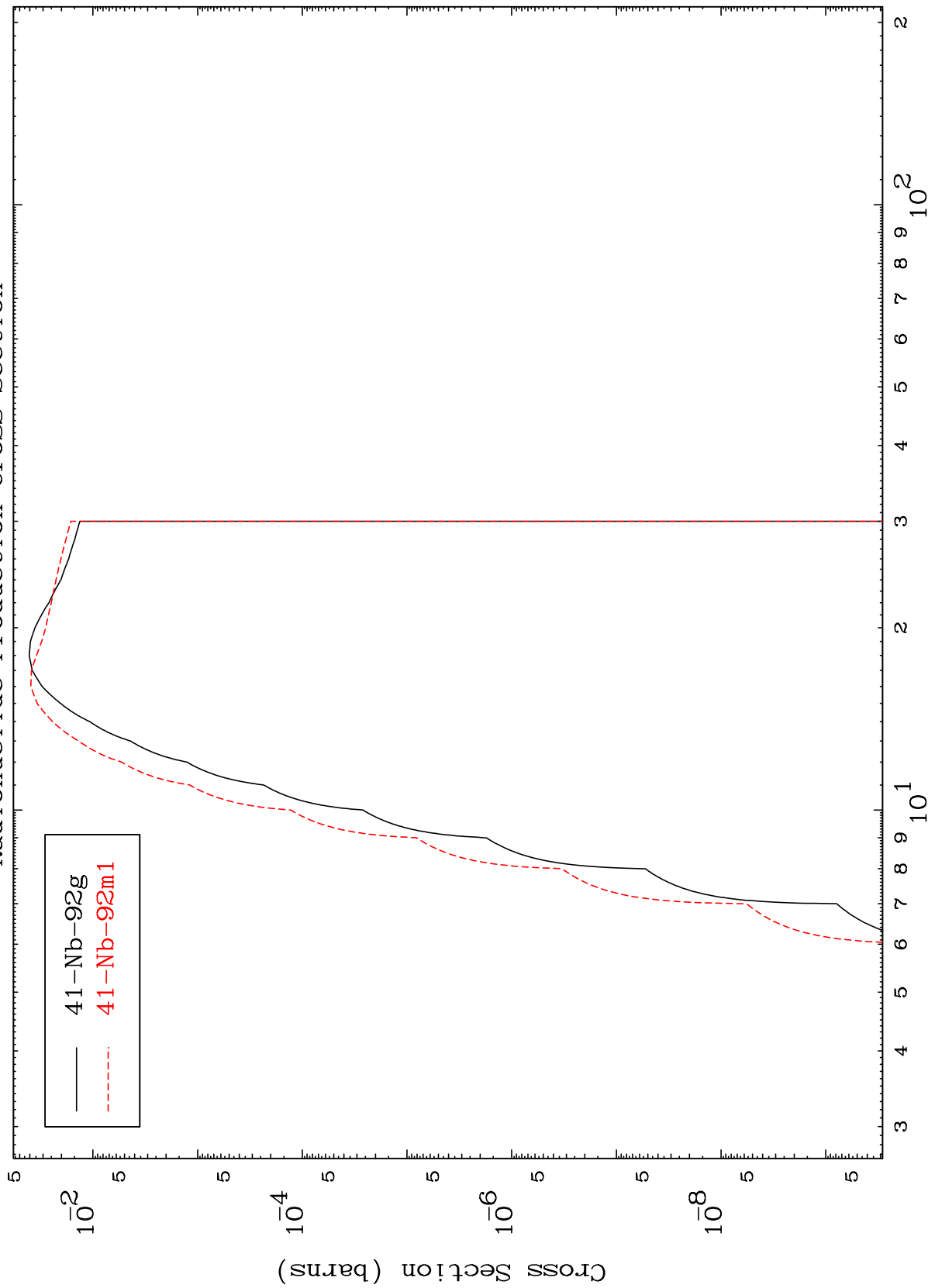
(n, γ)
Radionuclide Production Cross Section



MAT 4023

40-Zr-89m

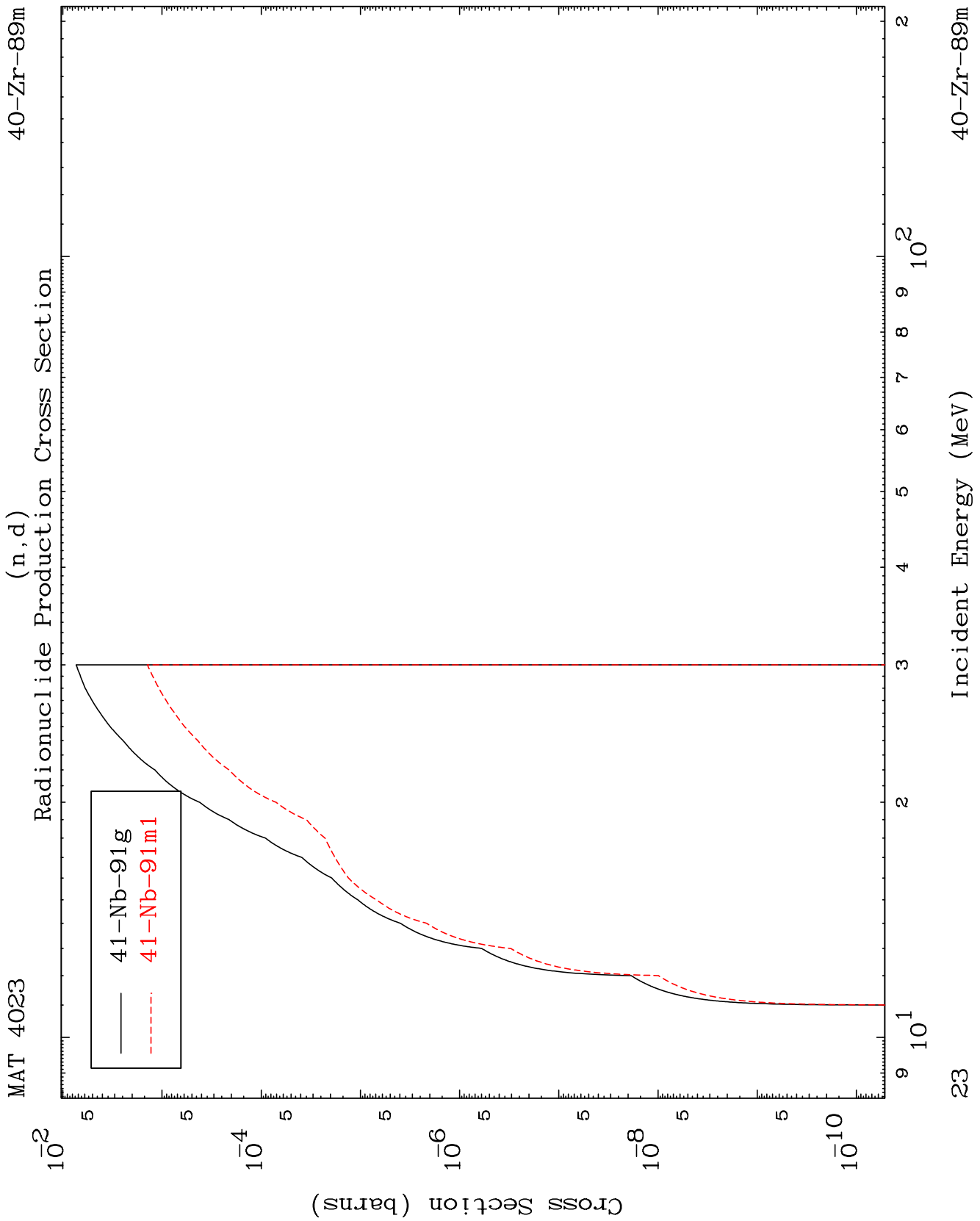
(n,p)
Radionuclide Production Cross Section



22

40-Zr-89m

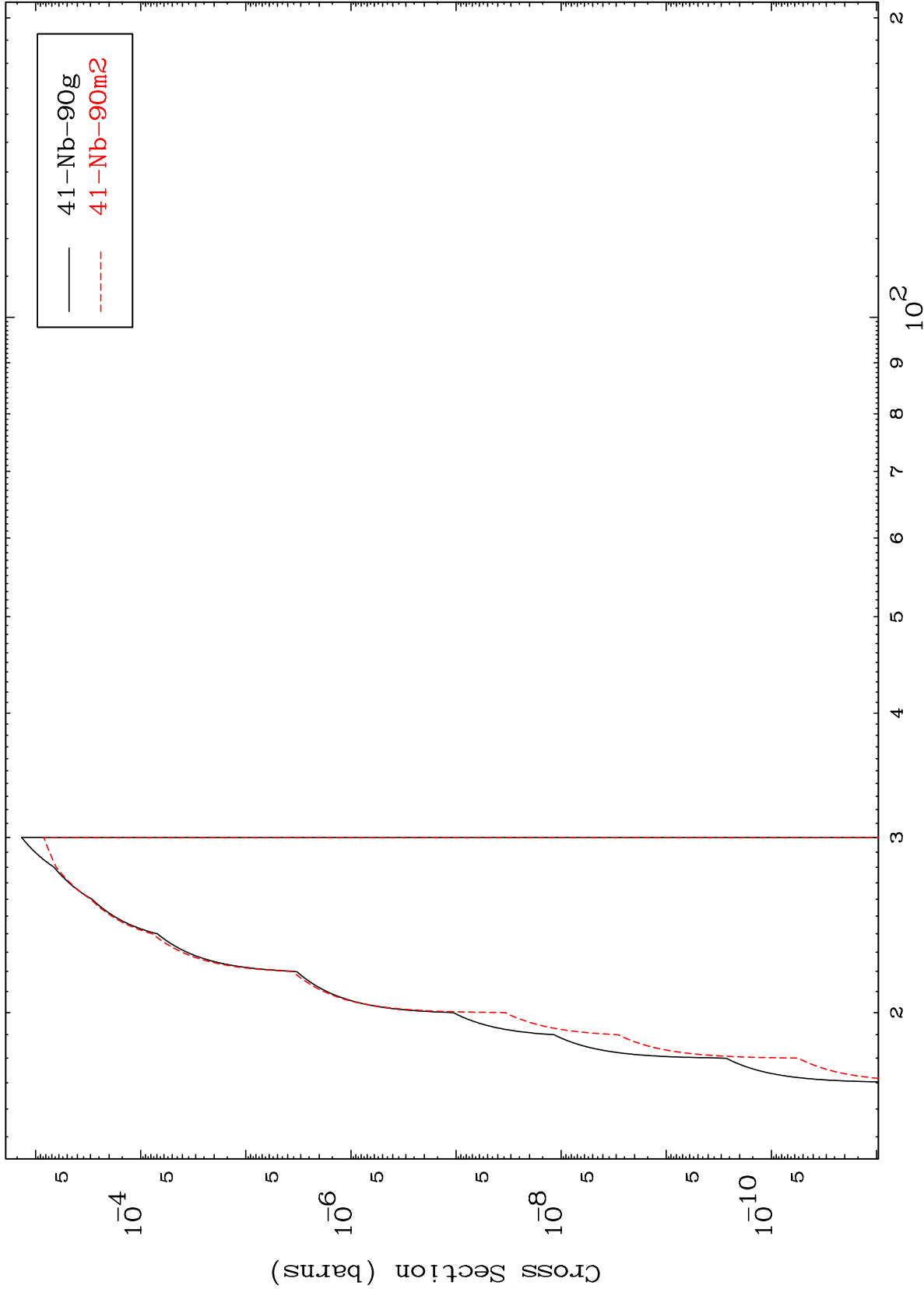
Incident Energy (MeV)



MAT 4023

40-Zr-89m

(n,t)
Radionuclide Production Cross Section



40-Zr-89m

Incident Energy (MeV)

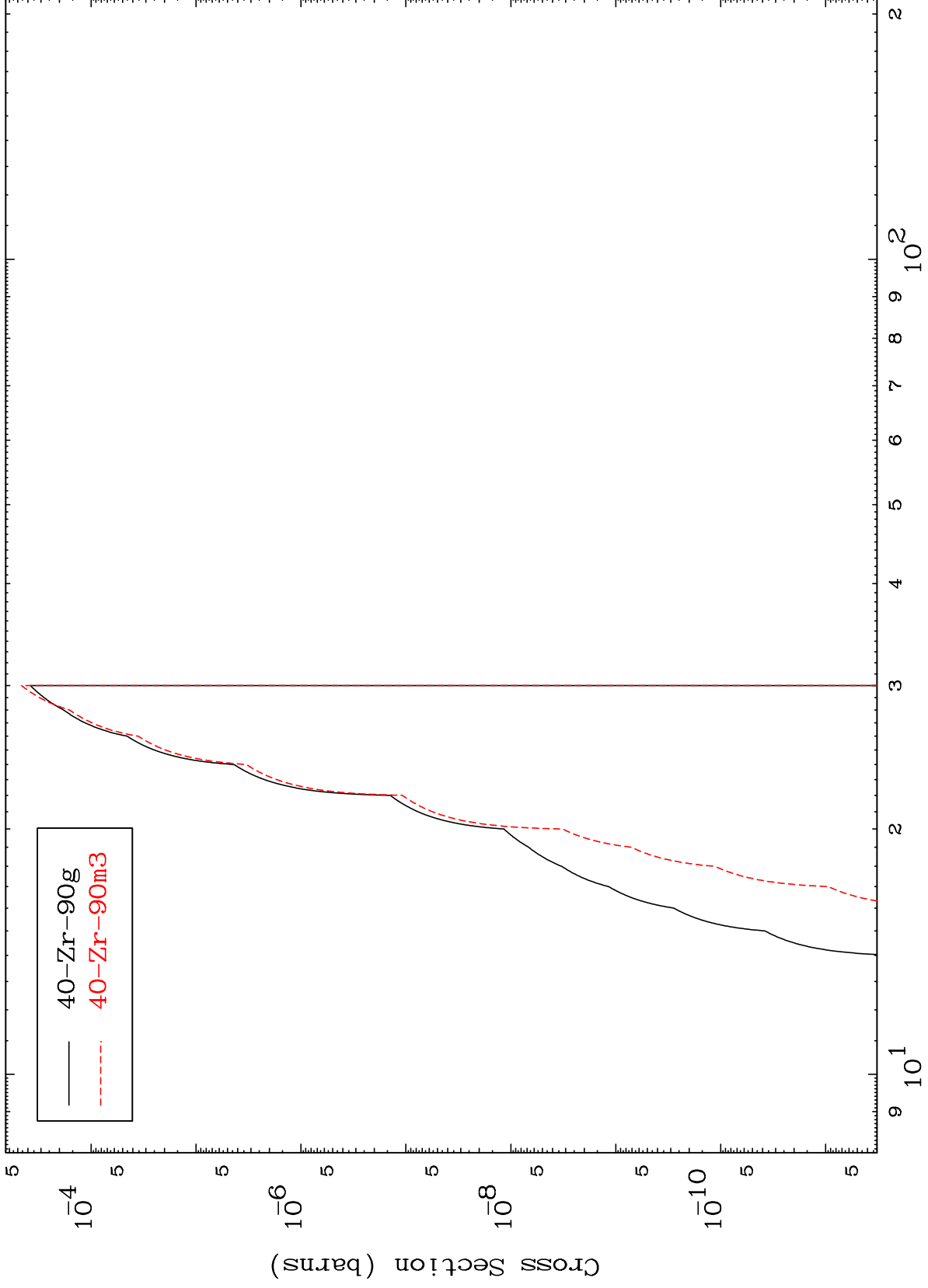
24

MAT 4023

(n,He-3)

40-Zr-89m

Radionuclide Production Cross Section



25

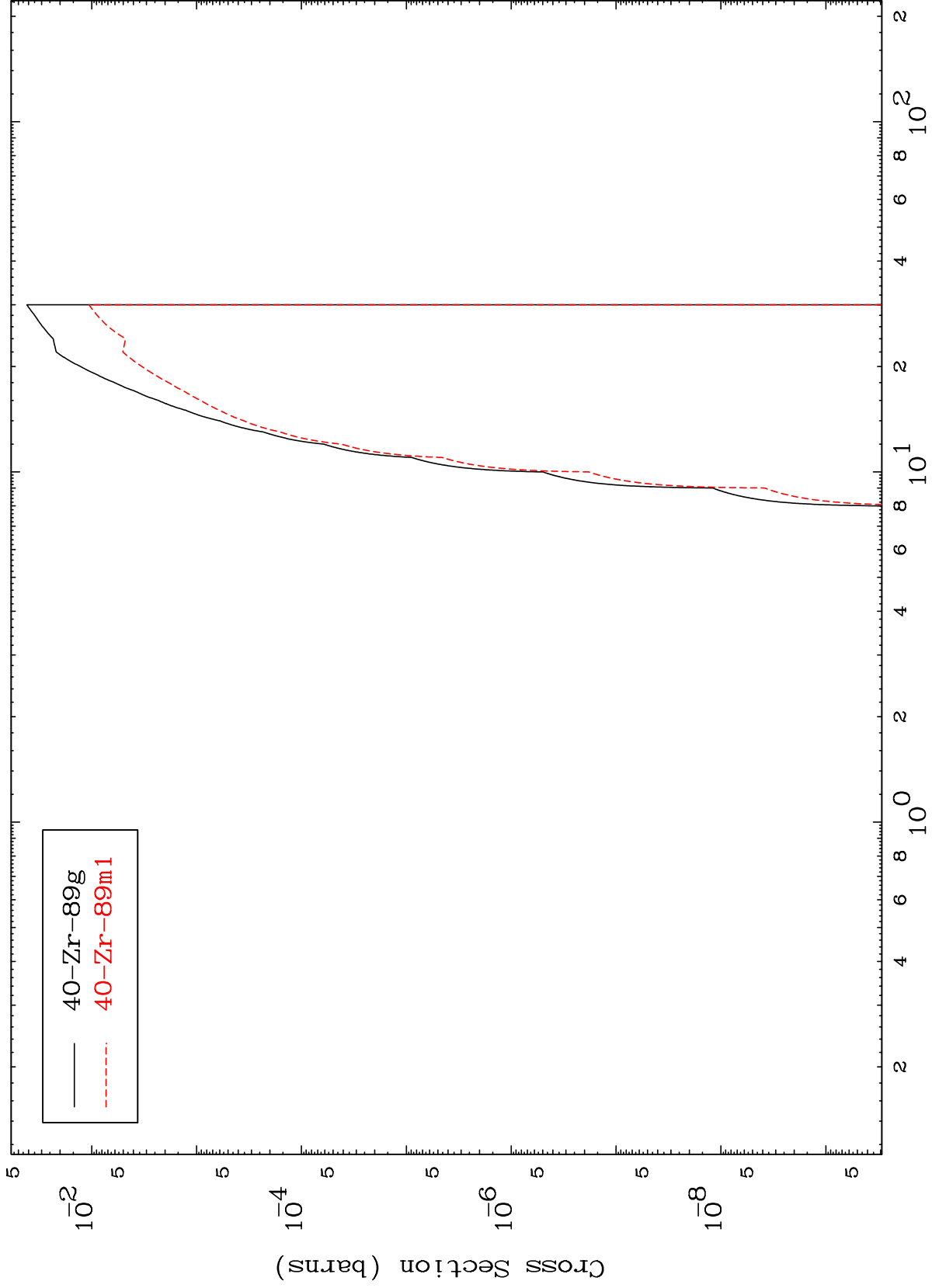
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

Radionuclide Production Cross Section



26

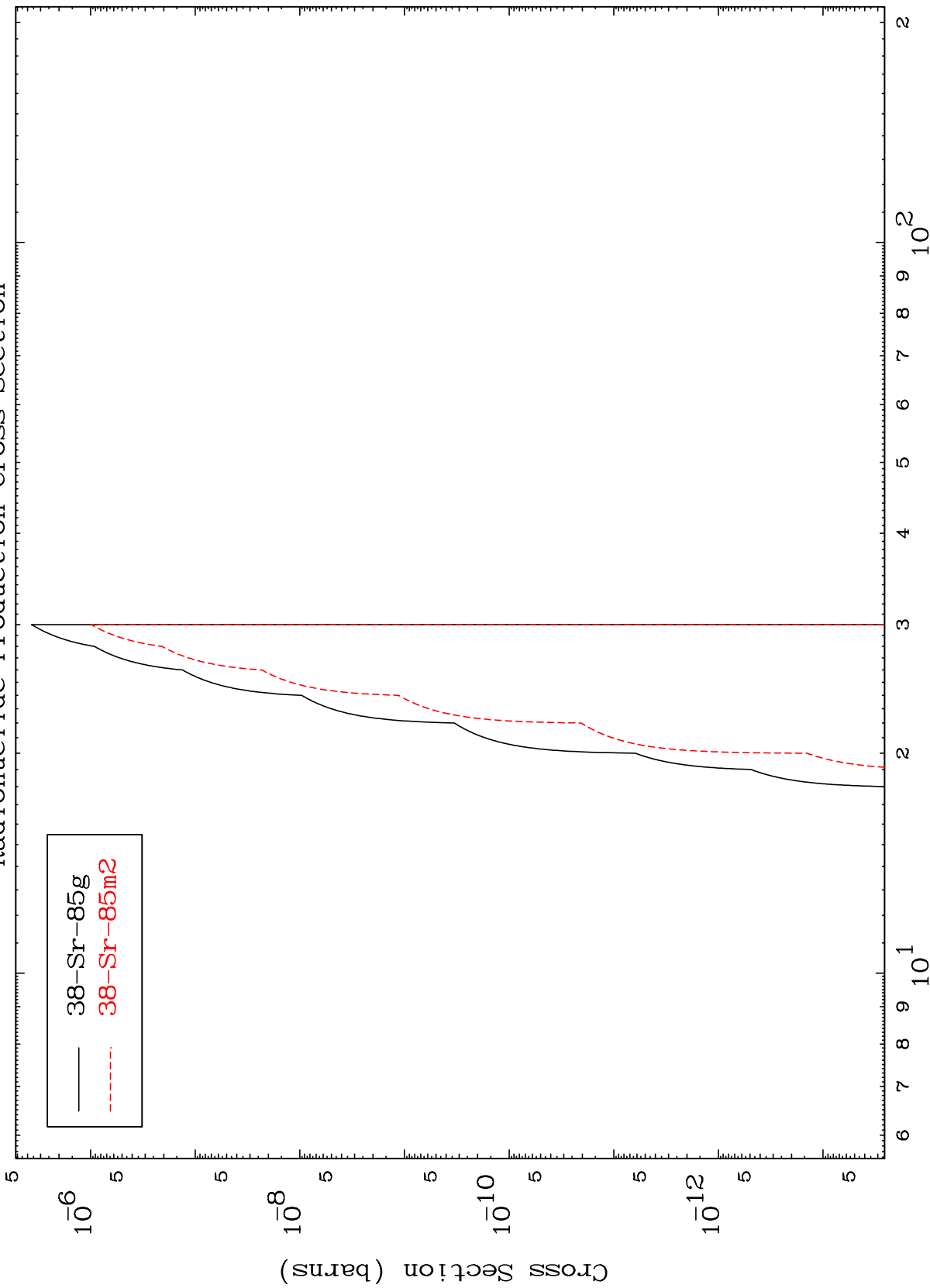
40-Zr-89m

Incident Energy (MeV)

MAT 4023

40-Zr-89m

Radionuclide Production Cross Section



— 38-Sr-85g
- - - 38-Sr-85m2

40-Zr-89m

Incident Energy (MeV)

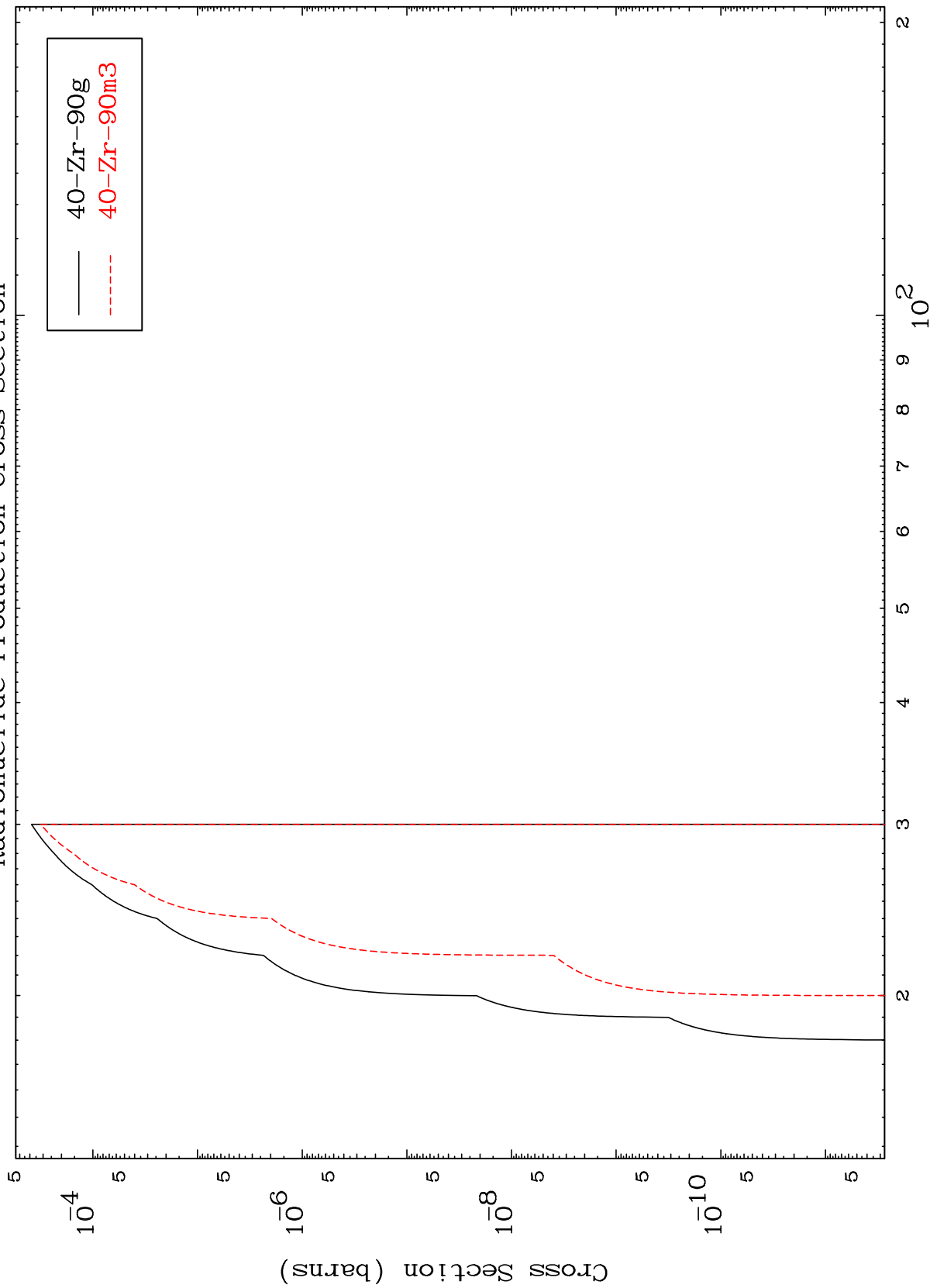
27

MAT 4023

(n,p) d

40-Zr-89m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

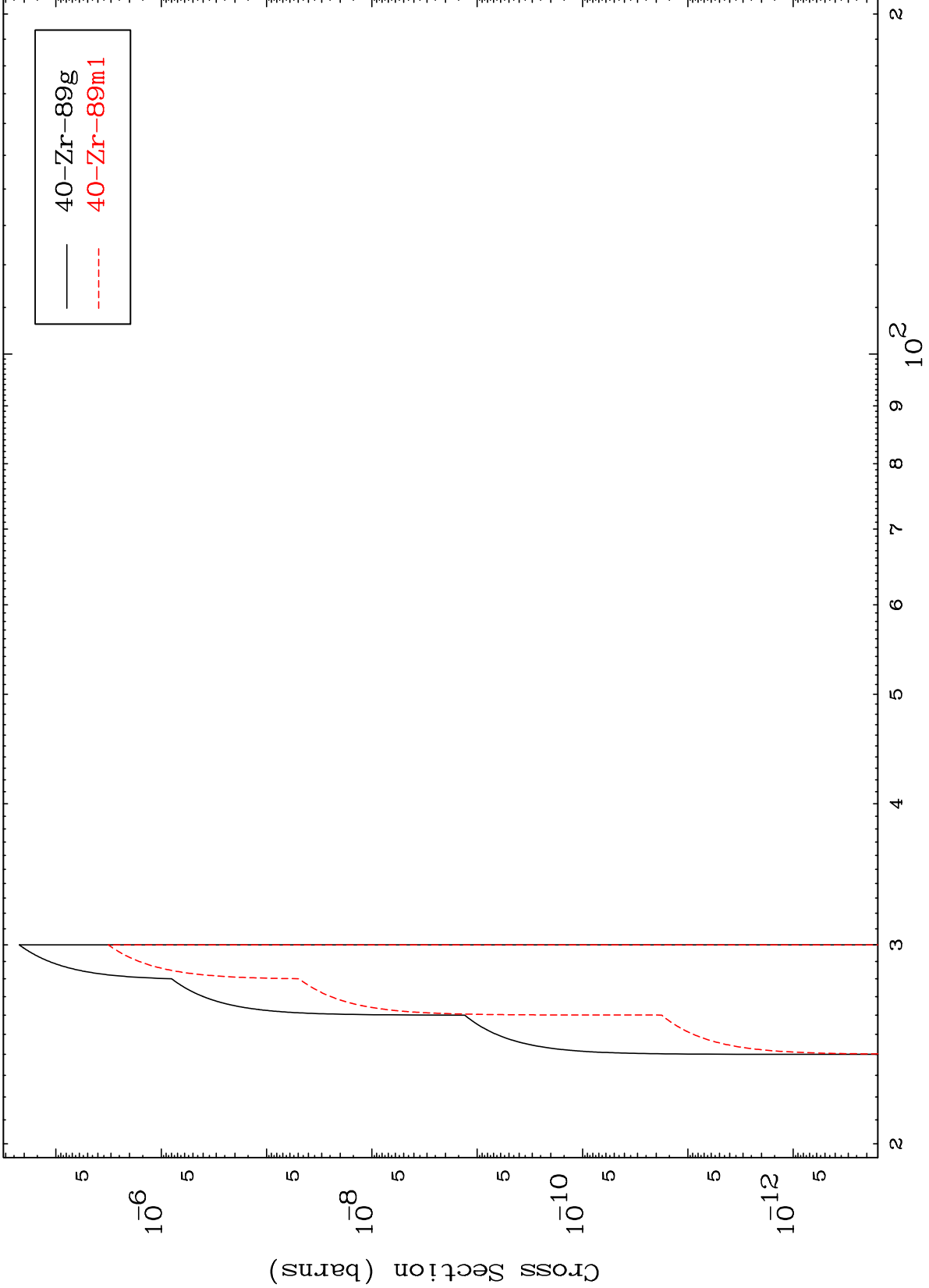
40-Zr-89m

MAT 4023

(n,p) t

40-Zr-89m

Radionuclide Production Cross Section



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

29

Incident Energy (MeV)

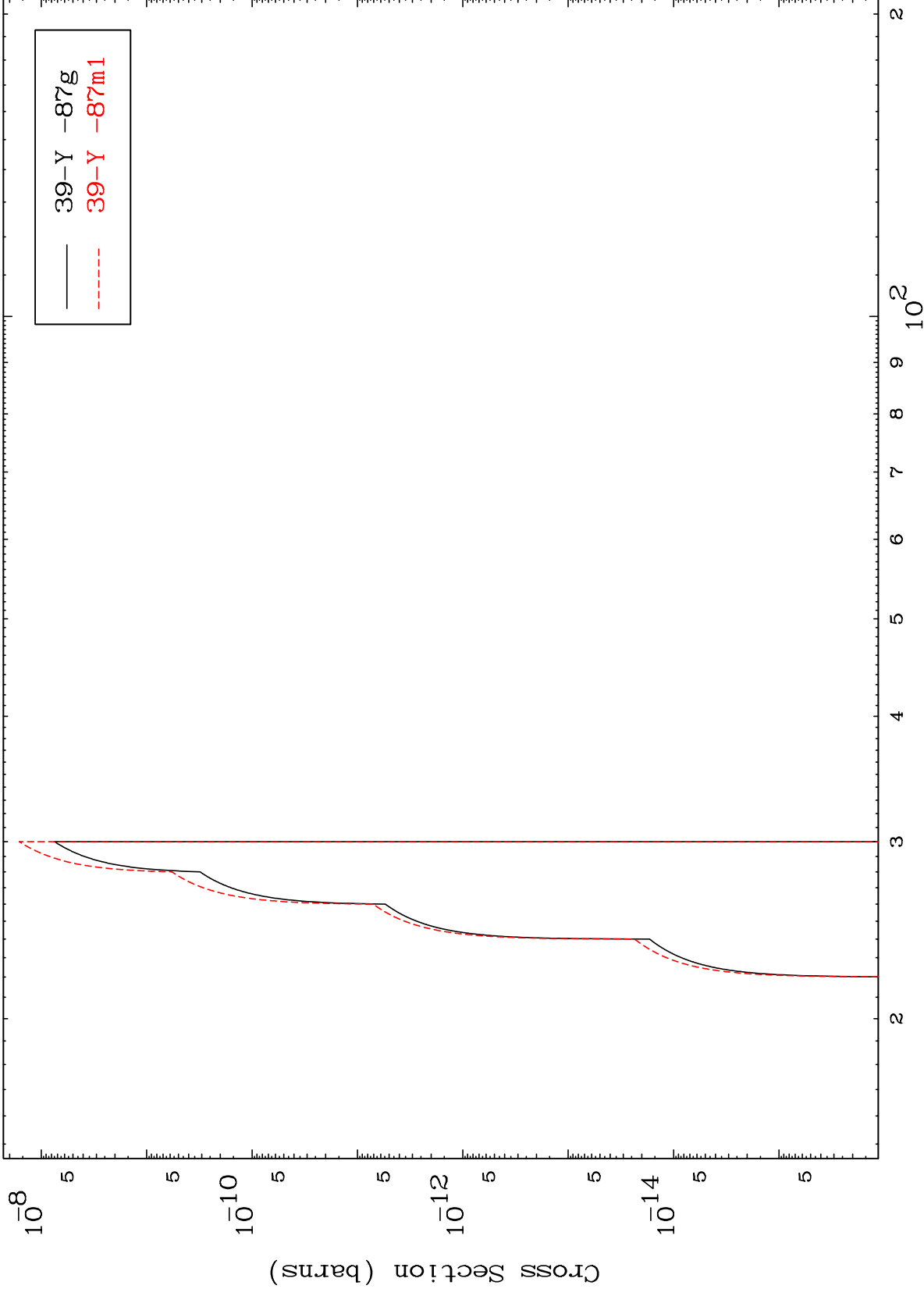
40-Zr-89m

MAT 4023

(n,d) α

40-Zr-89m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

40-Zr-89m