

Program EVALPLOT
(Version 2021-1)

by

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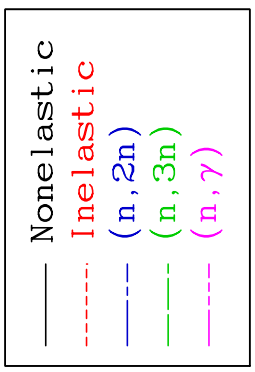
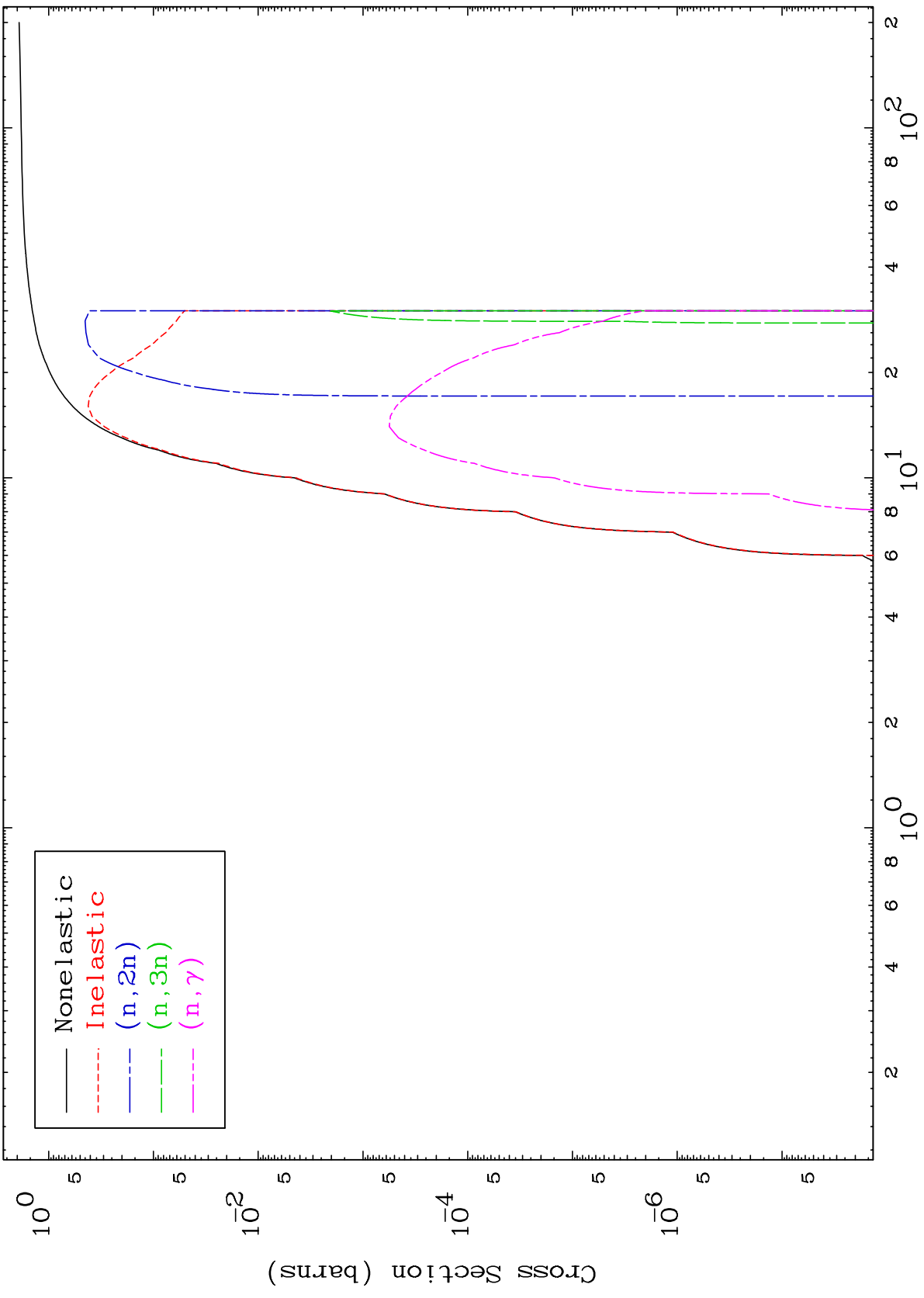
Press Mouse Button to Start

MAT 4022

α Major

40-Zr-89

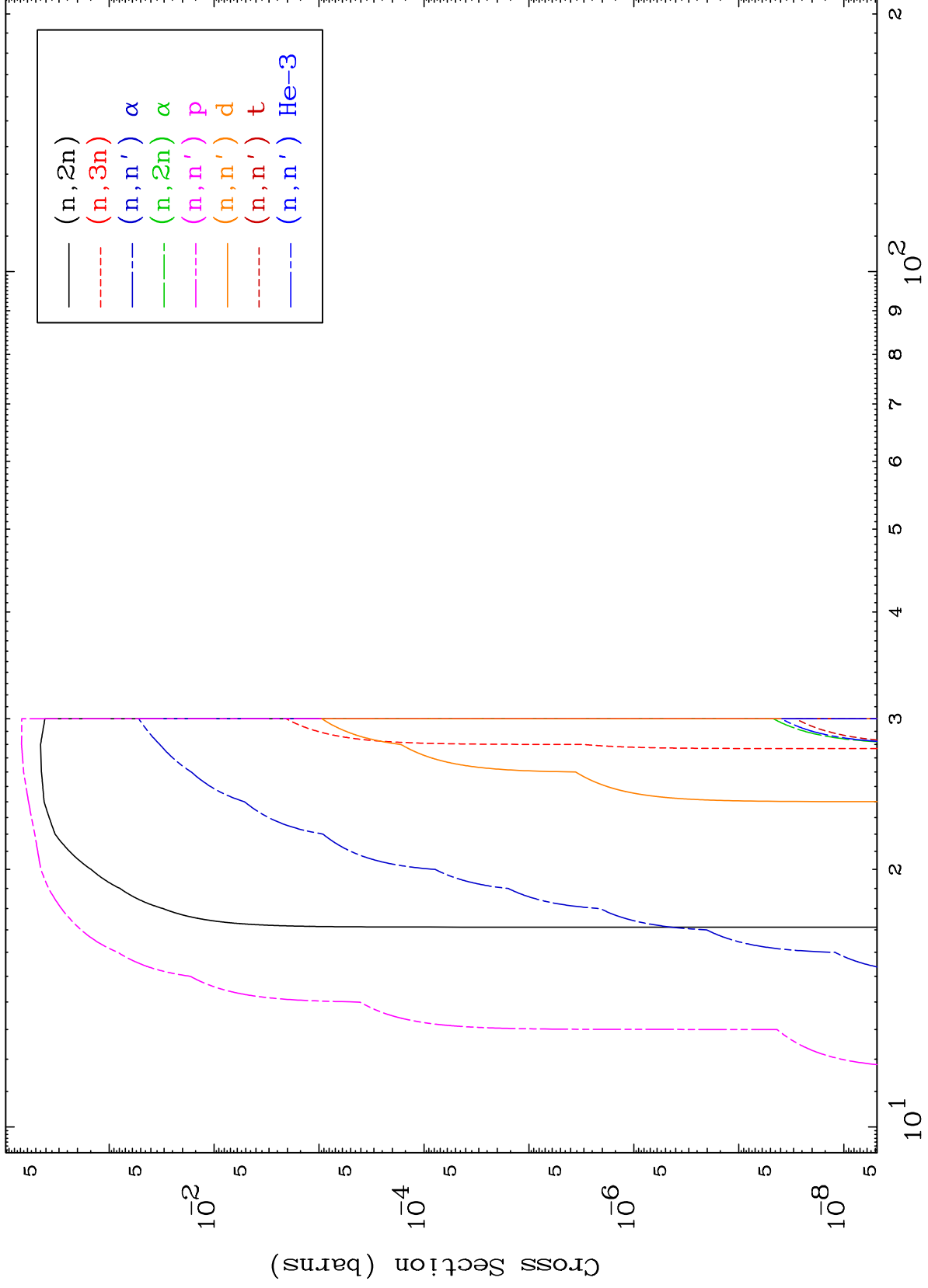
0 Kelvin Cross Sections



MAT 4022

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-89



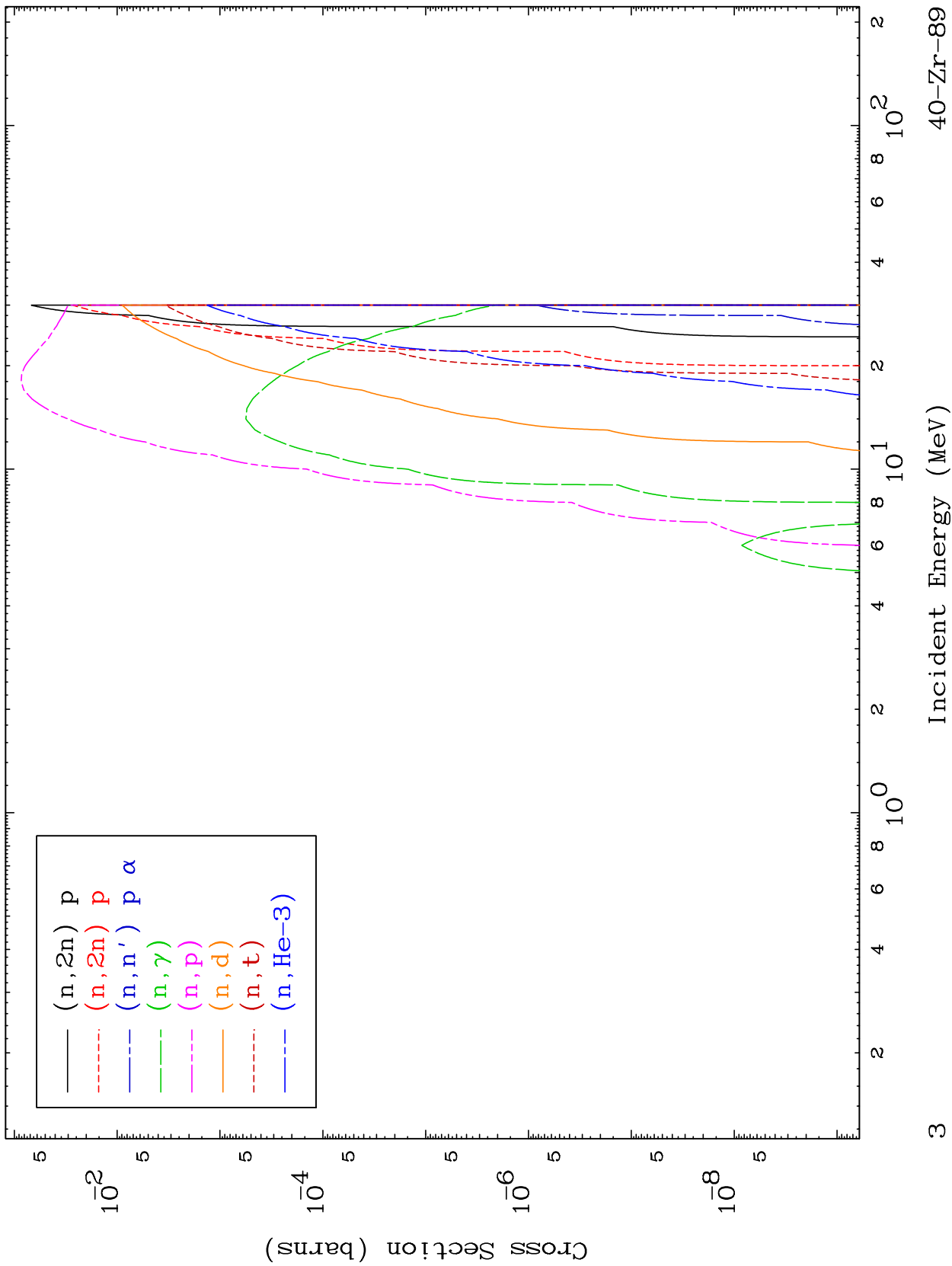
Incident Energy (MeV)

40-Zr-89

MAT 4022

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-89

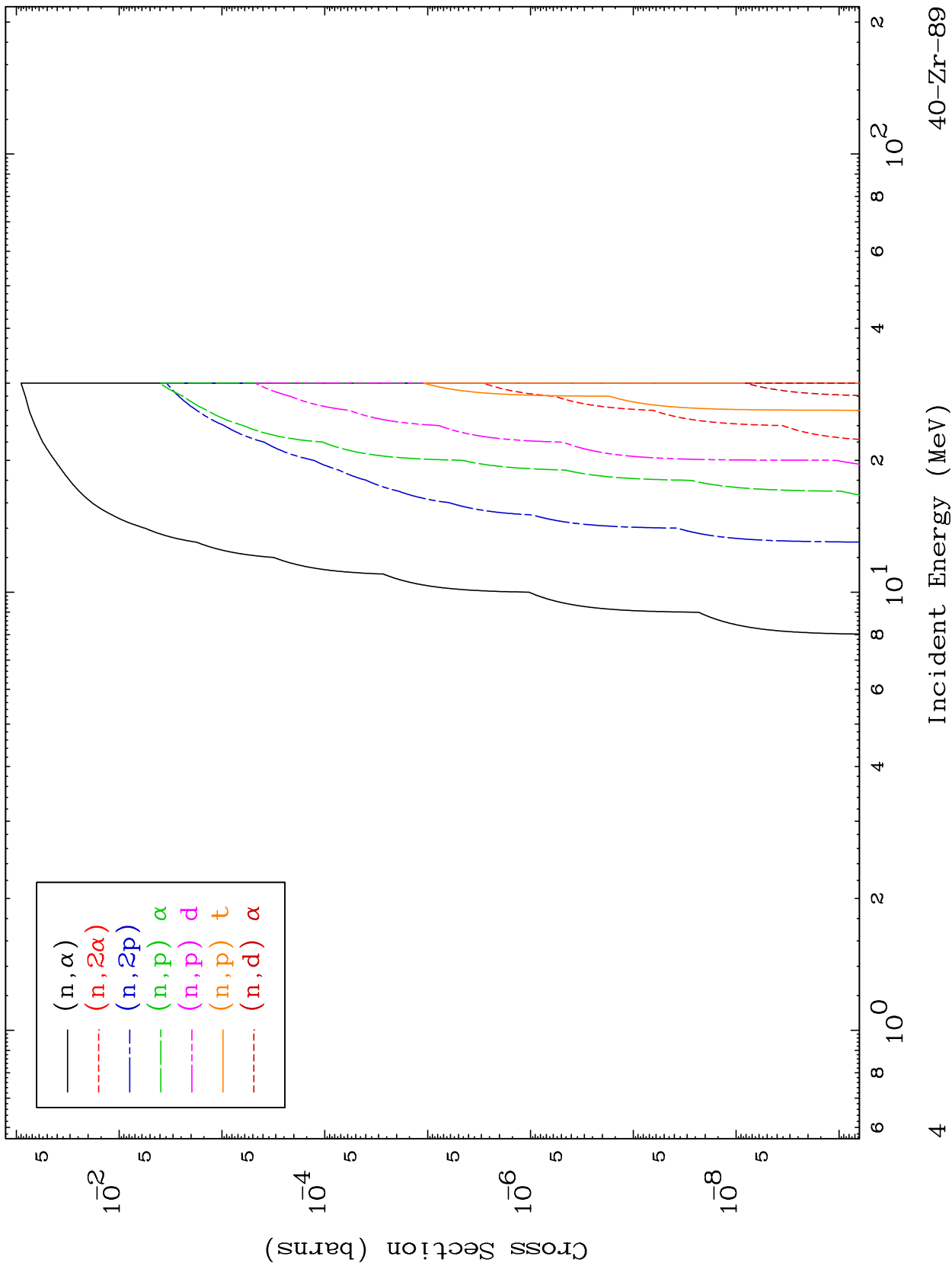


MAT 4022

α Neutron Absorption

40-Zr-89

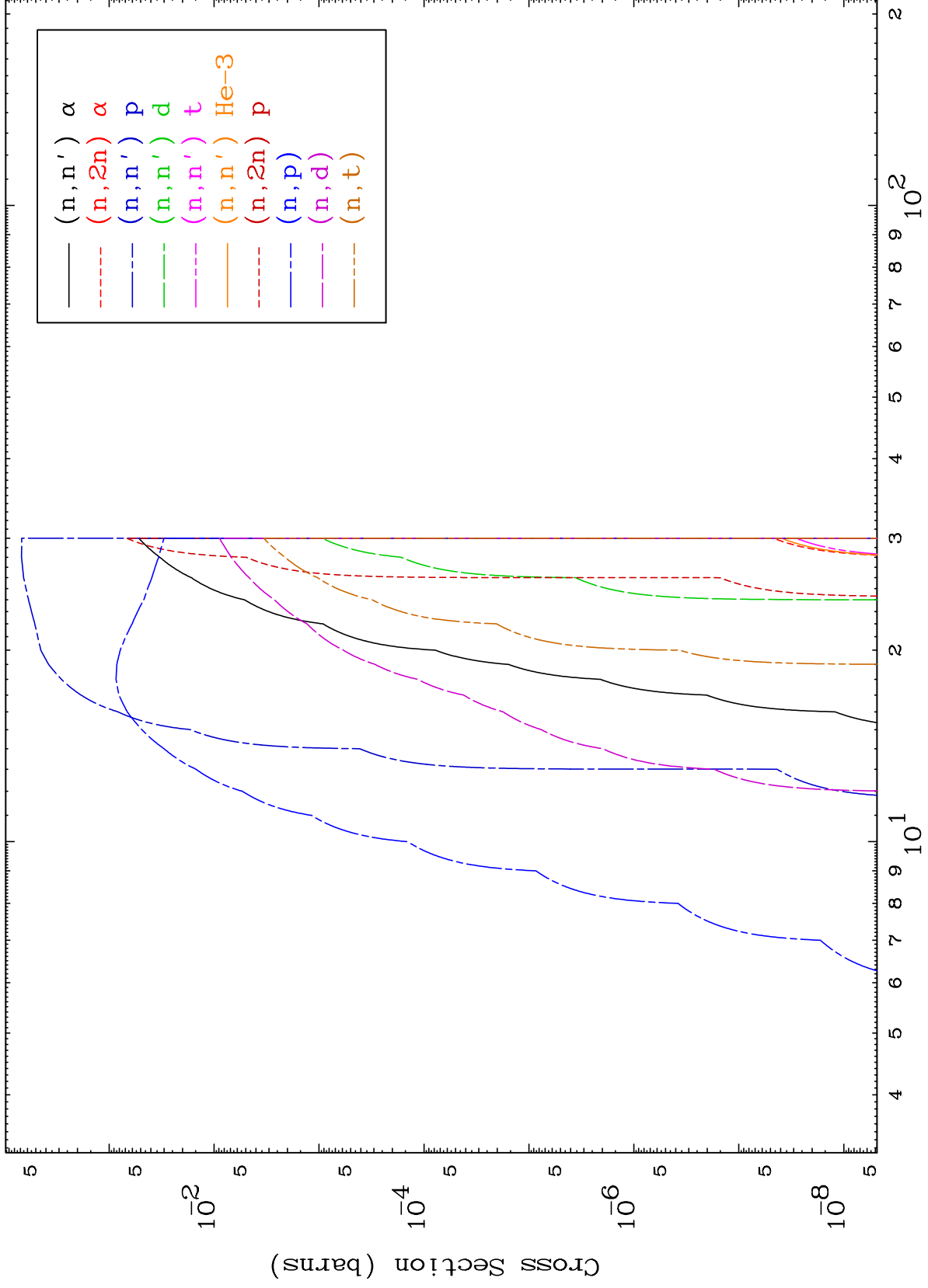
0 Kelvin Cross Sections

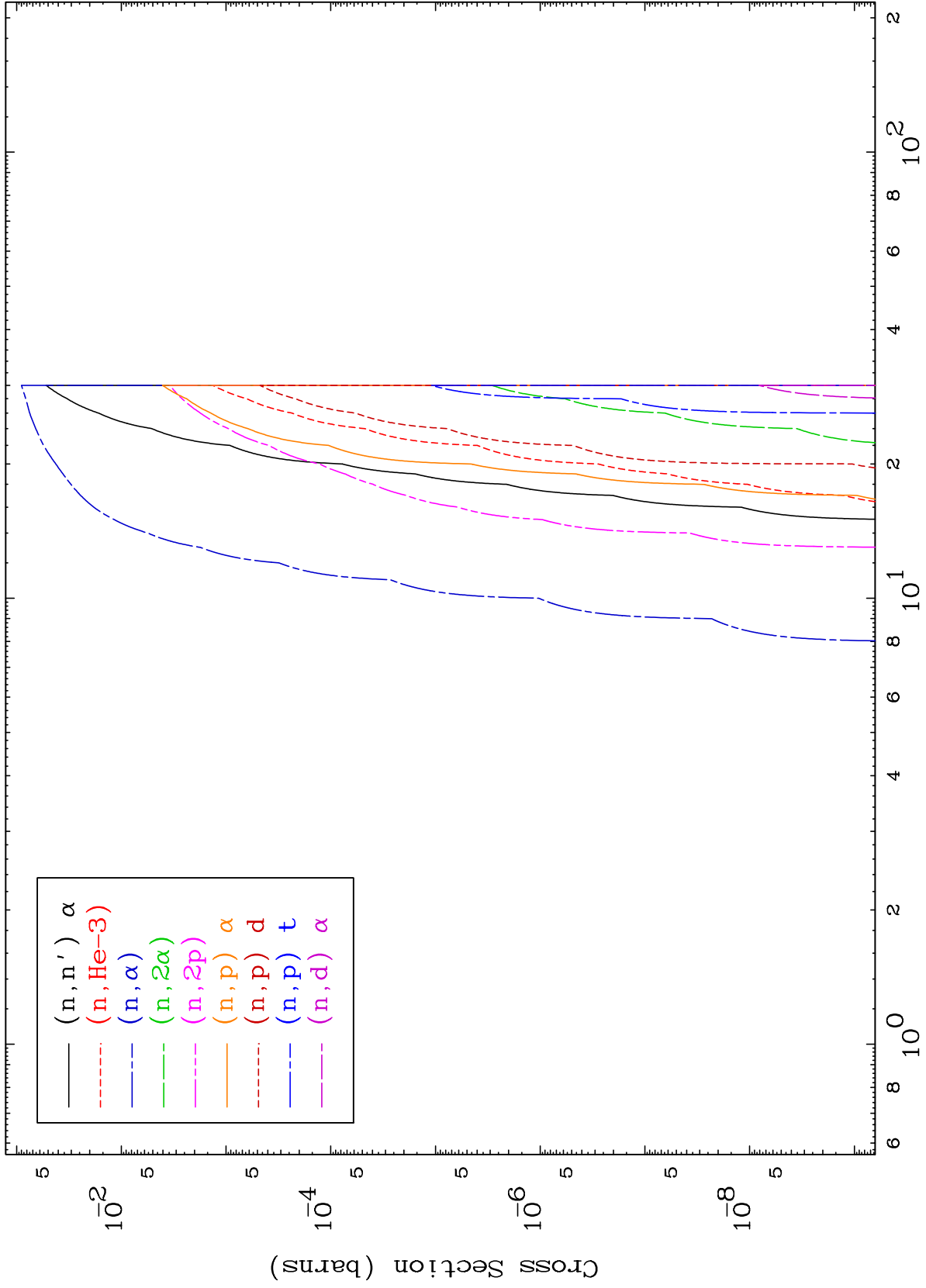


4

Incident Energy (MeV)

40-Zr-89

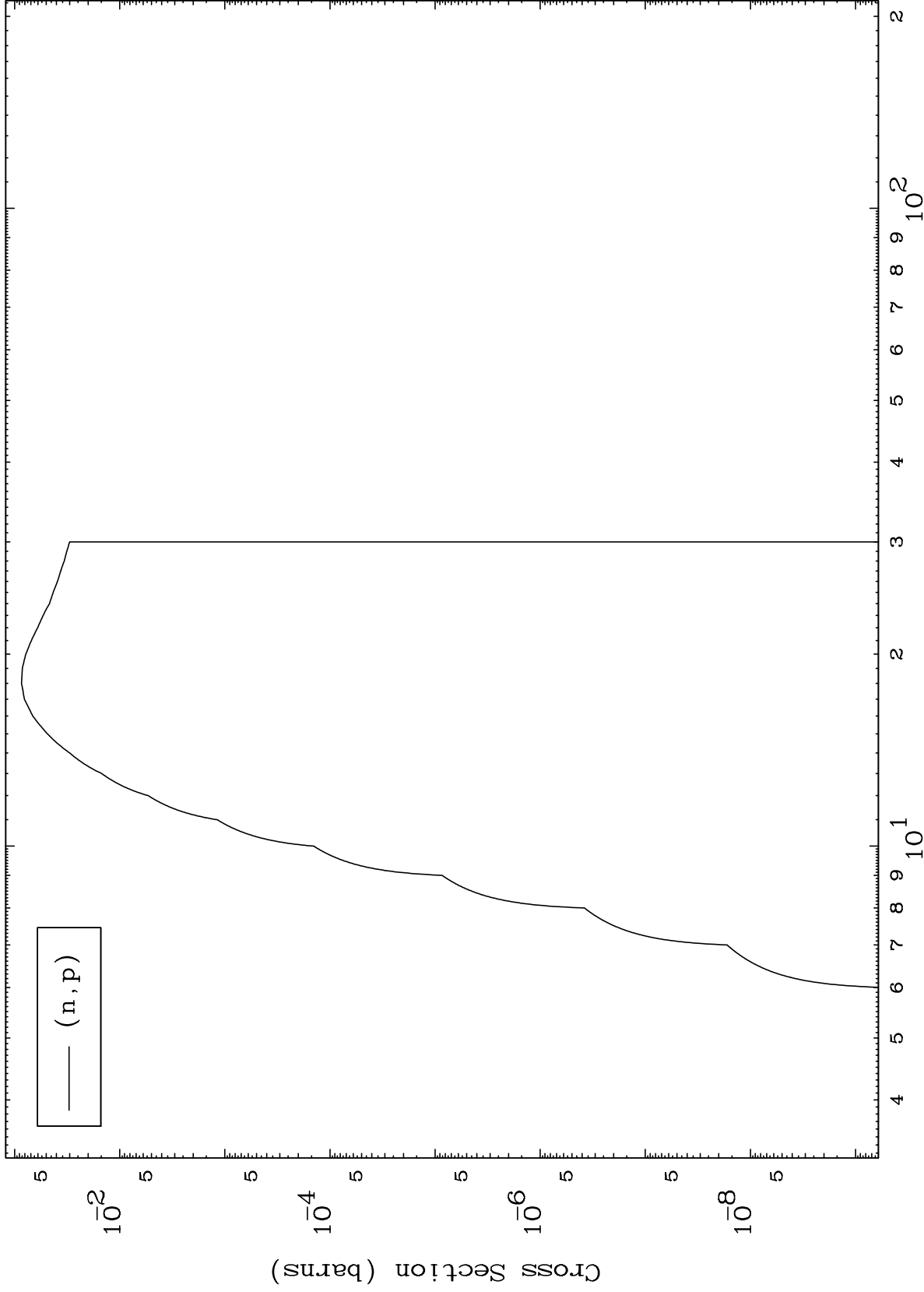




MAT 4022

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-89



40-Zr-89

Incident Energy (MeV)

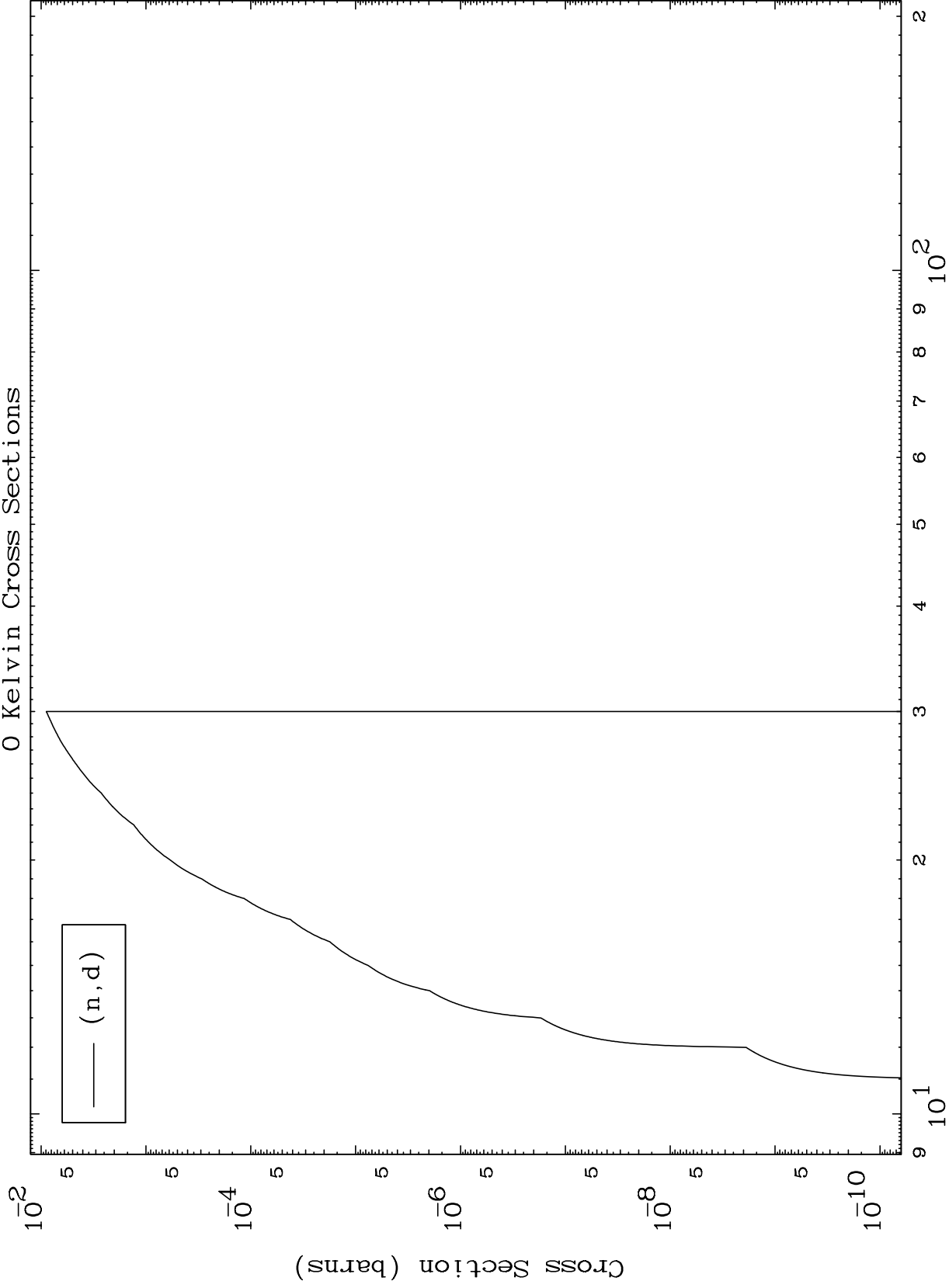
7

MAT 4022

(α, d) Levels

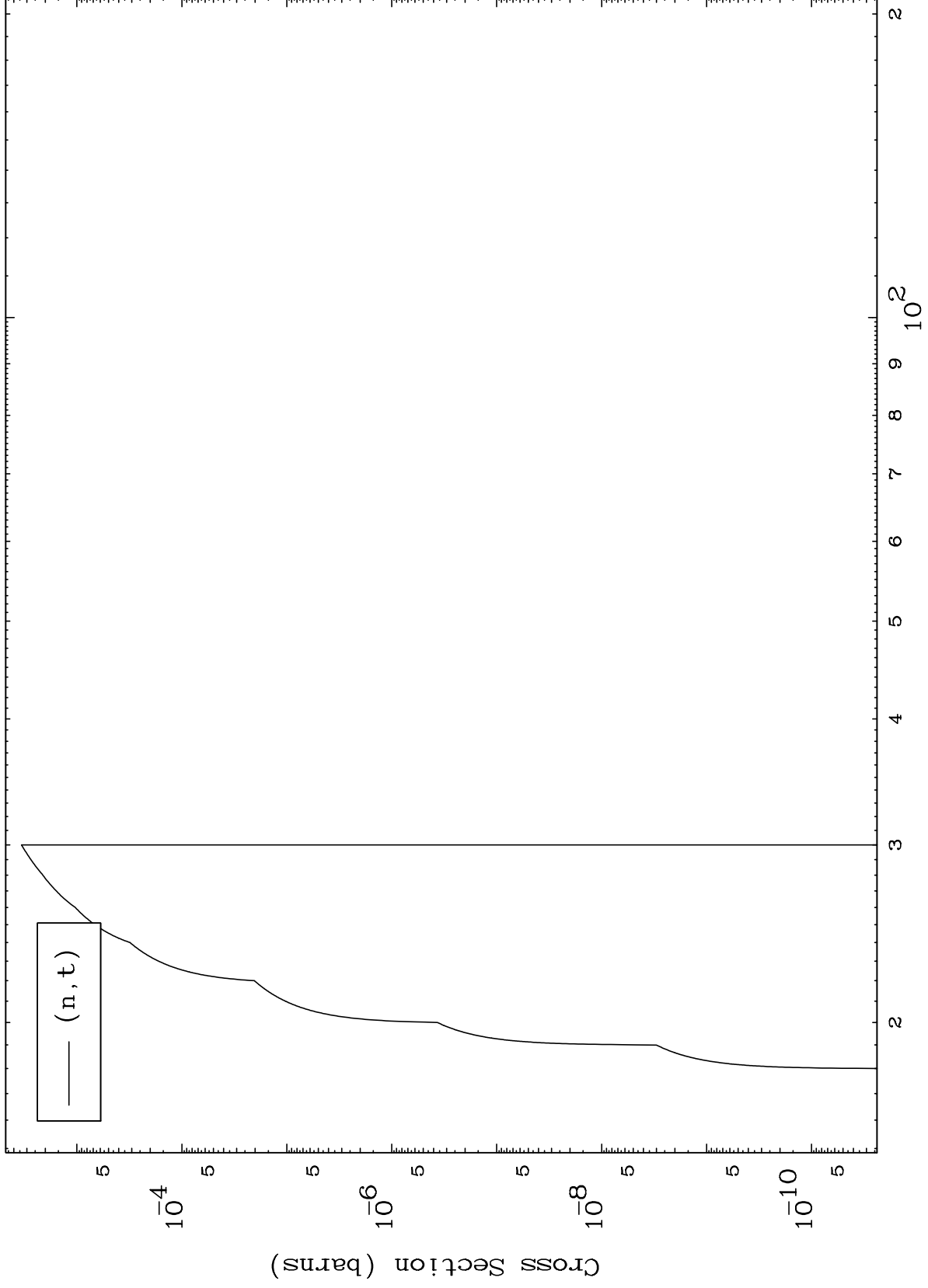
40-Zr-89

0 Kelvin Cross Sections



Incident Energy (MeV)

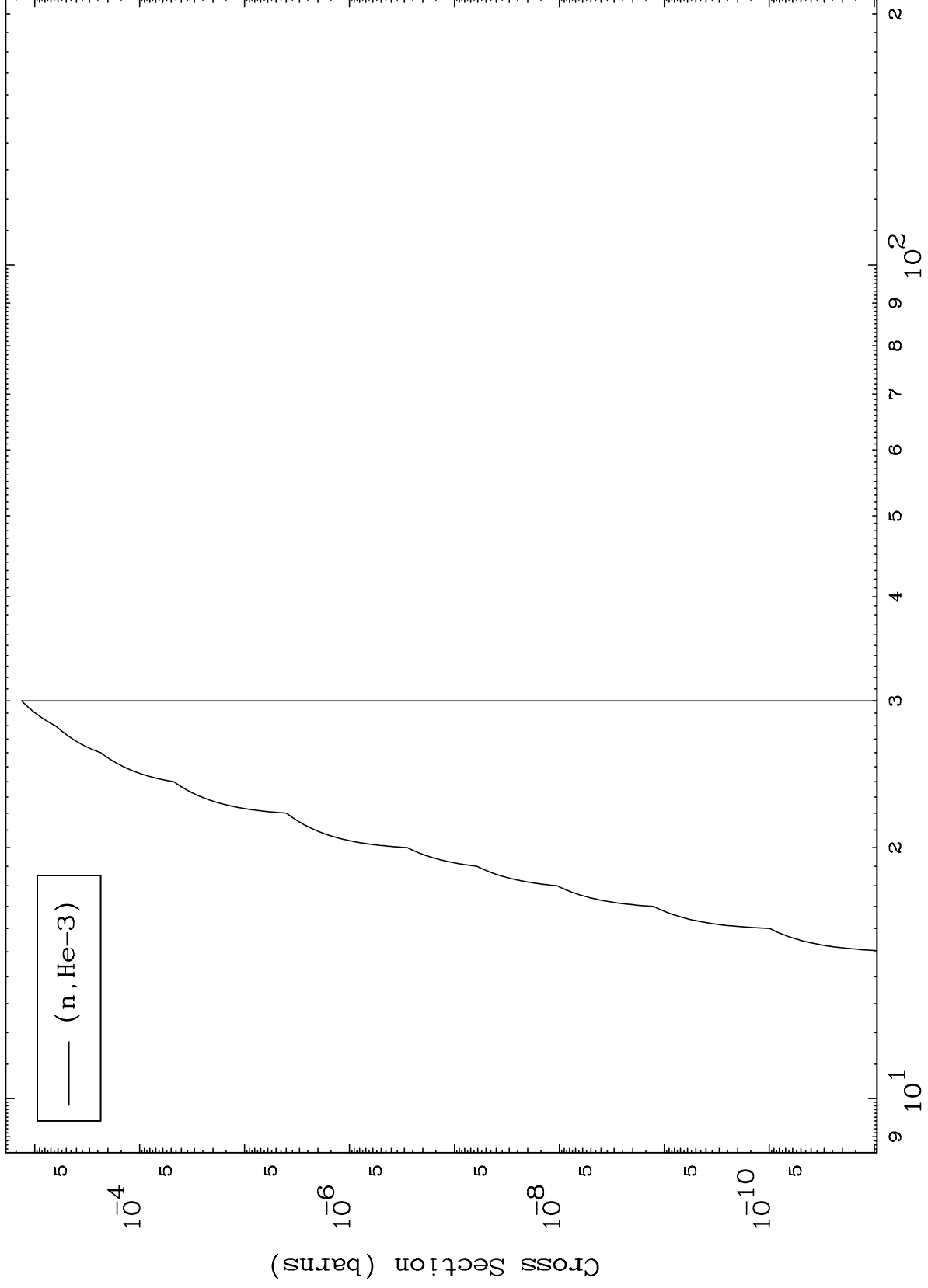
40-Zr-89



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

40-Zr-89



Incident Energy (MeV)

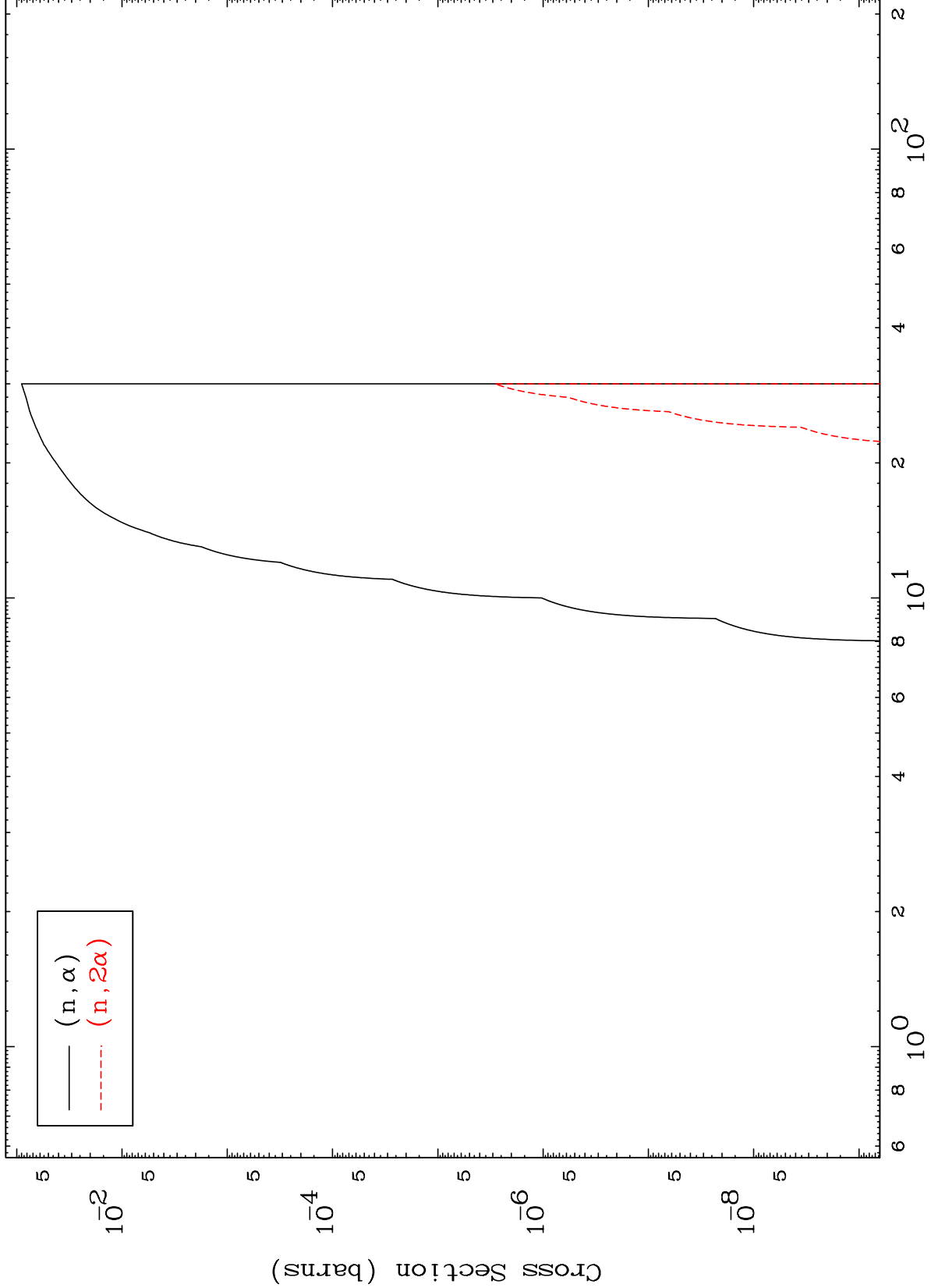
40-Zr-89

MAT 4022

(α, α) Levels

40-Zr-89

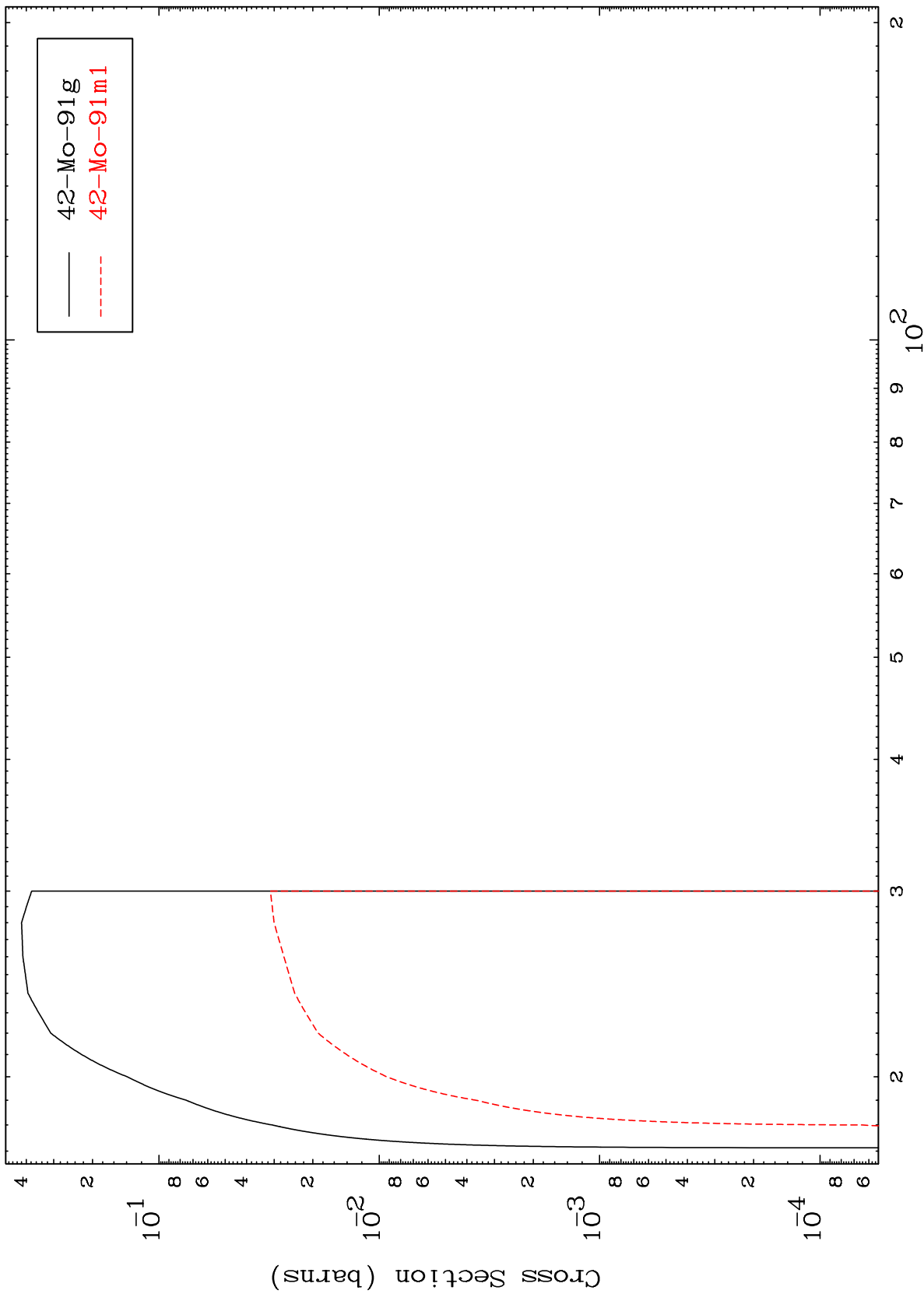
0 Kelvin Cross Sections



MAT 4022

40-Zr-89

(n,2n)
Radionuclide Production Cross Section



40-Zr-89

Incident Energy (MeV)

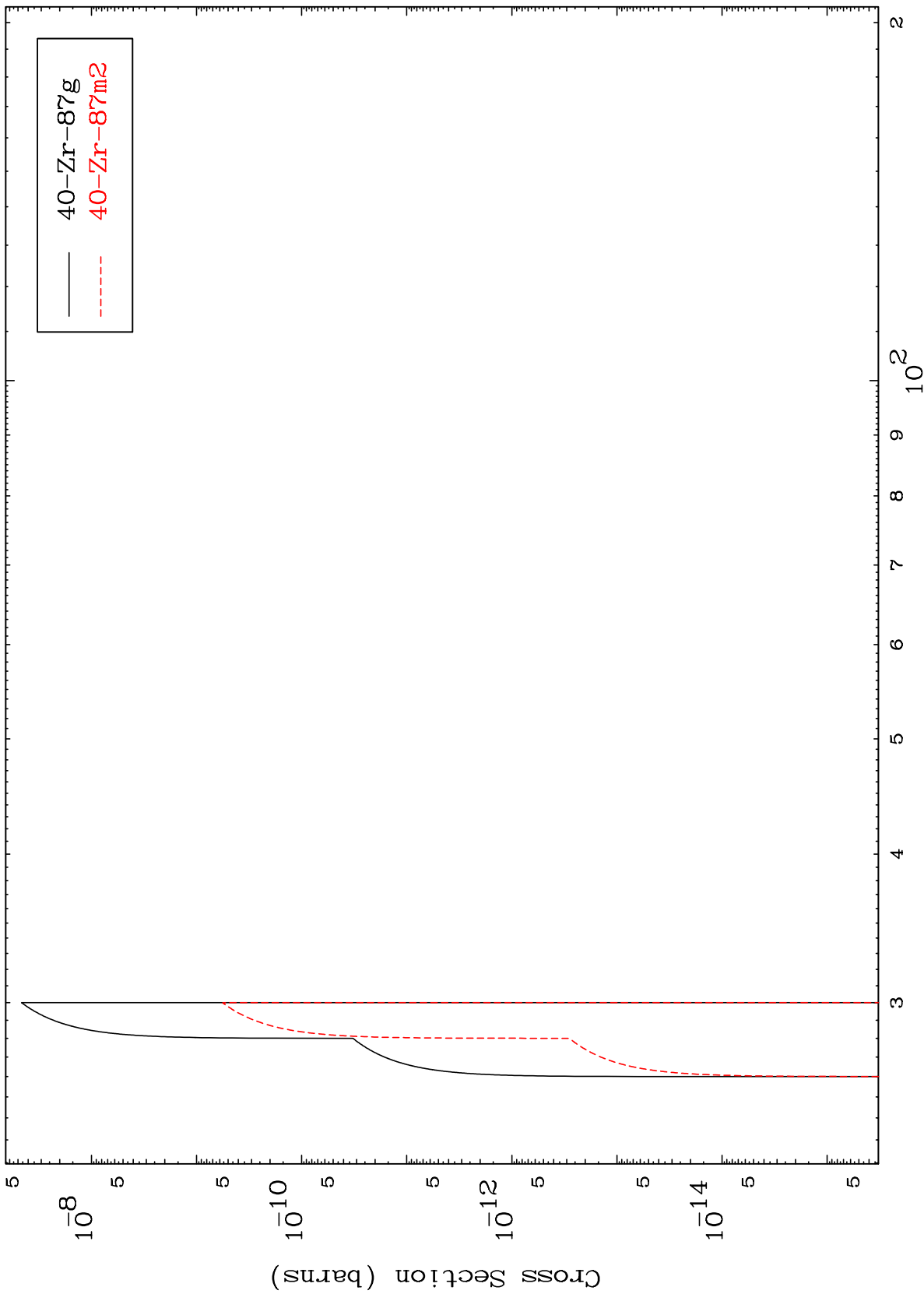
12

MAT 4022

(n,2n) α

40-Zr-89

Radionuclide Production Cross Section

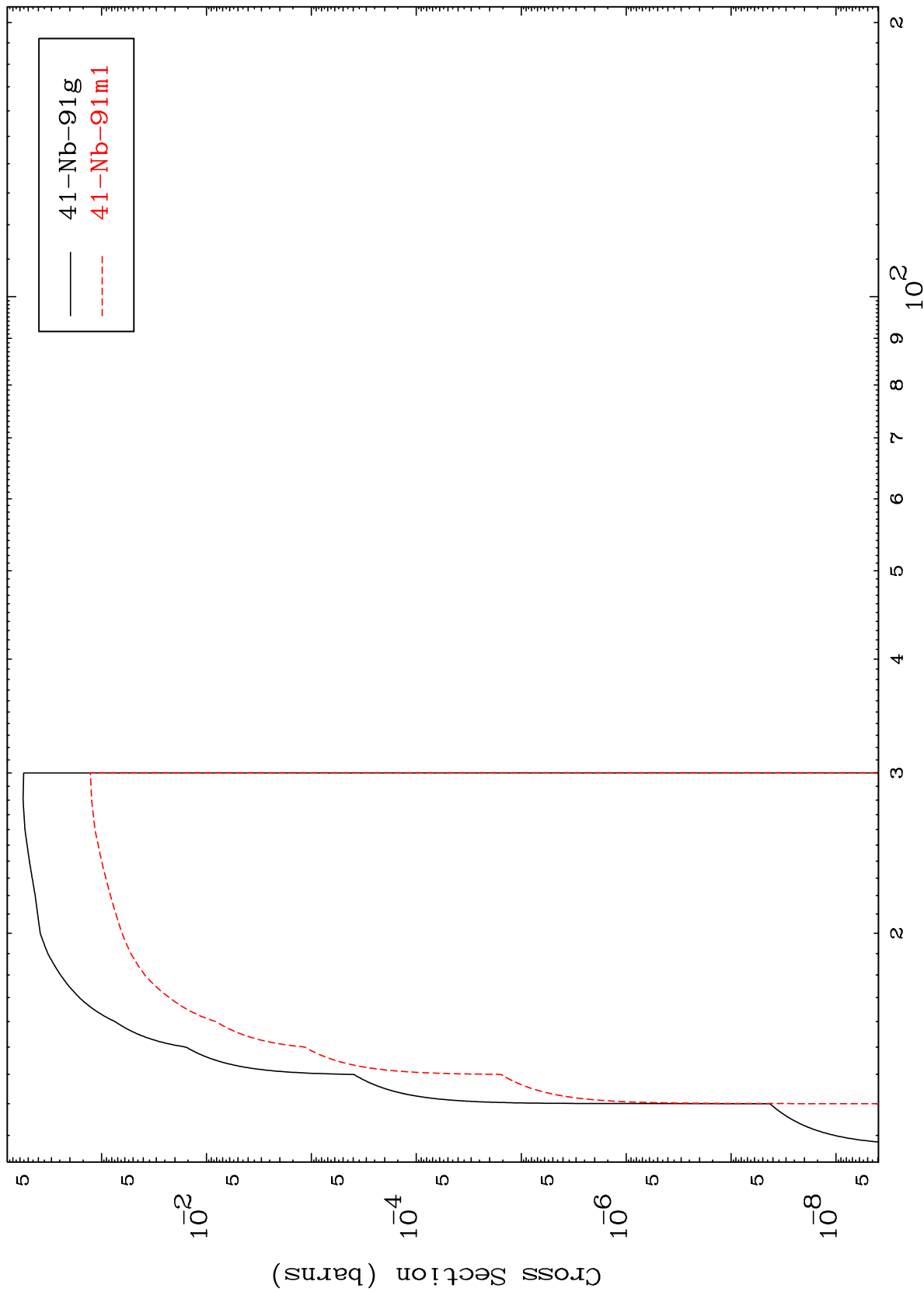


13

Incident Energy (MeV)

40-Zr-89

Radionuclide Production Cross Section

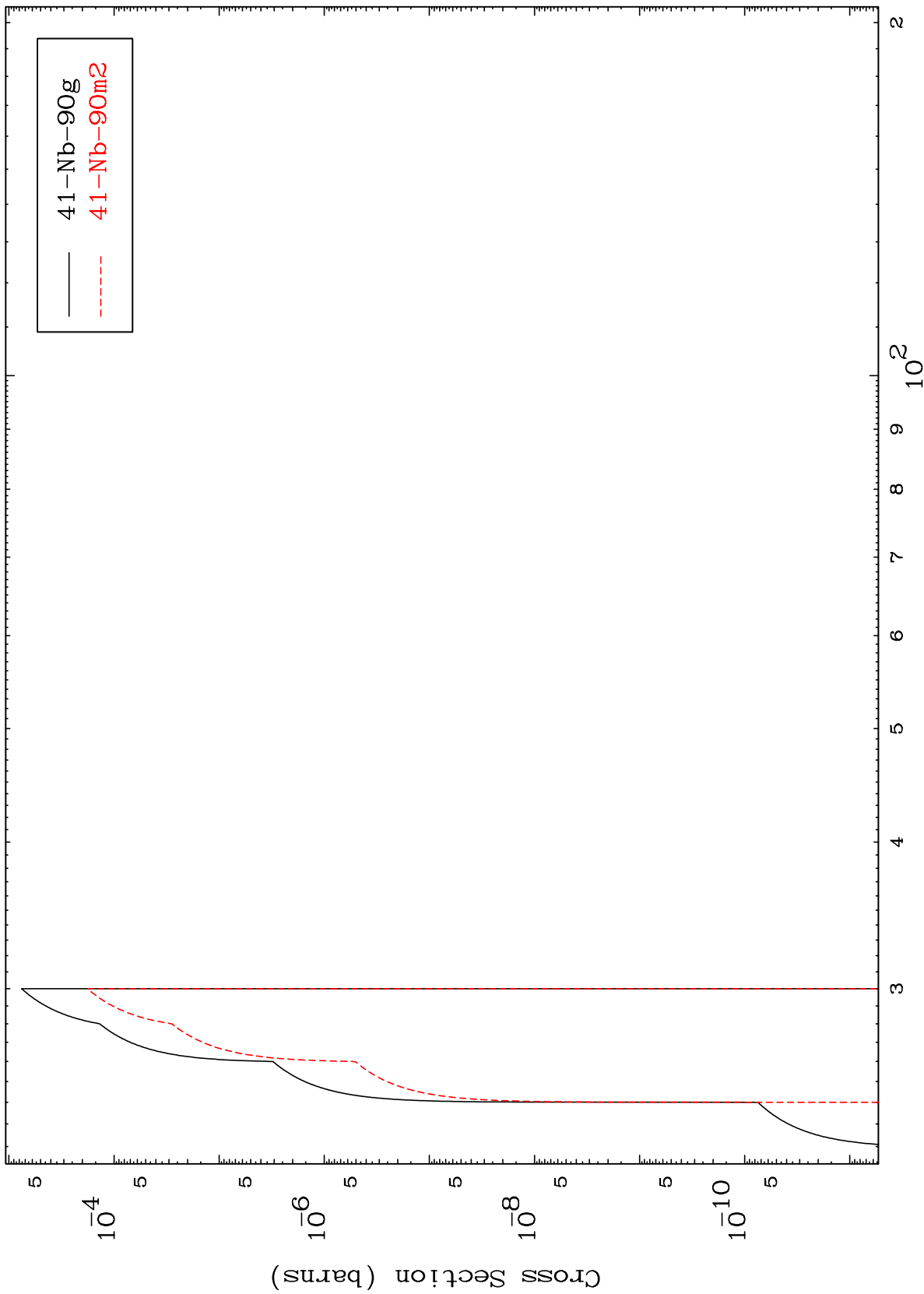


MAT 4022

(n,n') d

40-Zr-89

Radionuclide Production Cross Section

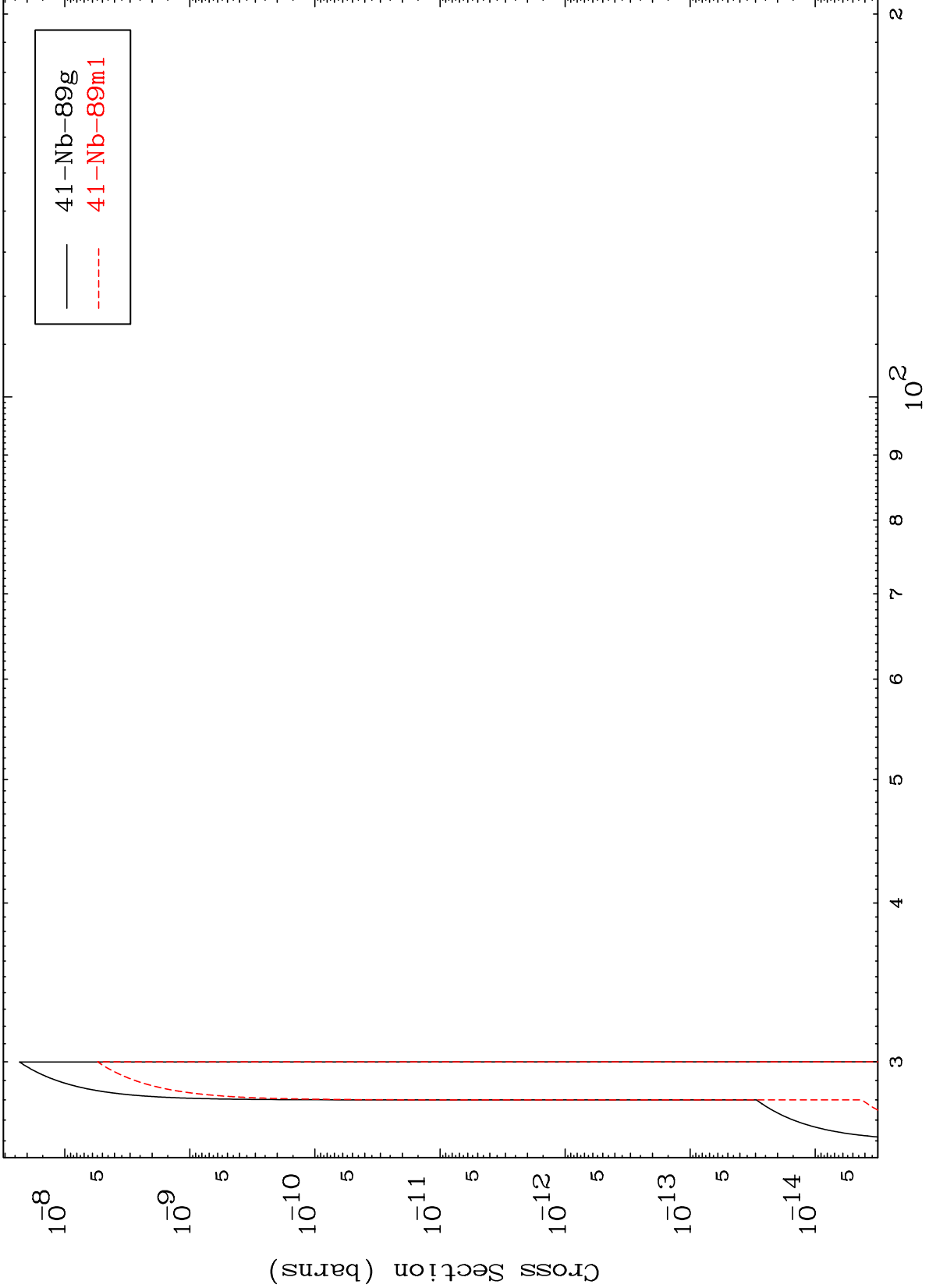


15

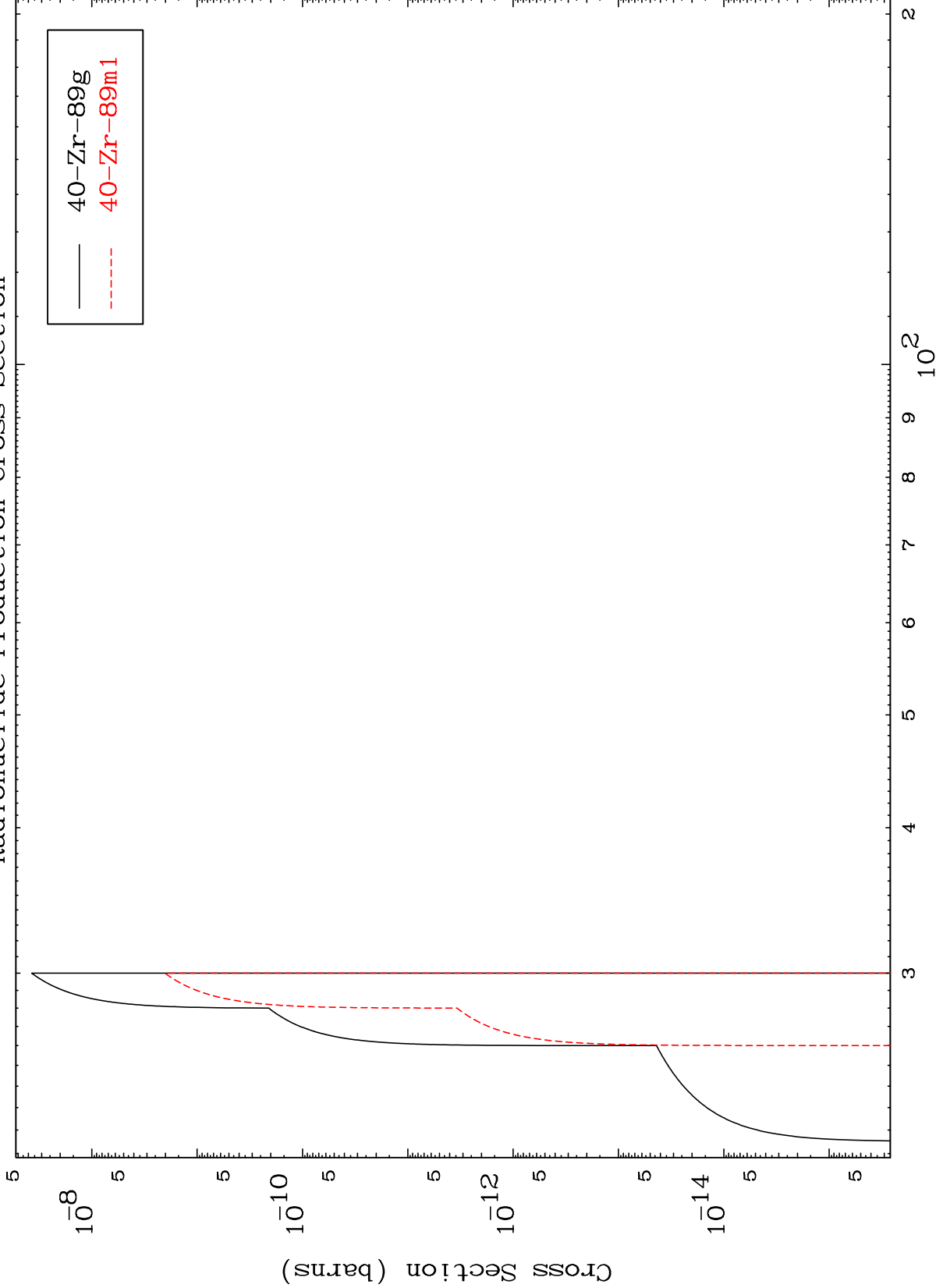
Incident Energy (MeV)

40-Zr-89

Radionuclide Production Cross Section

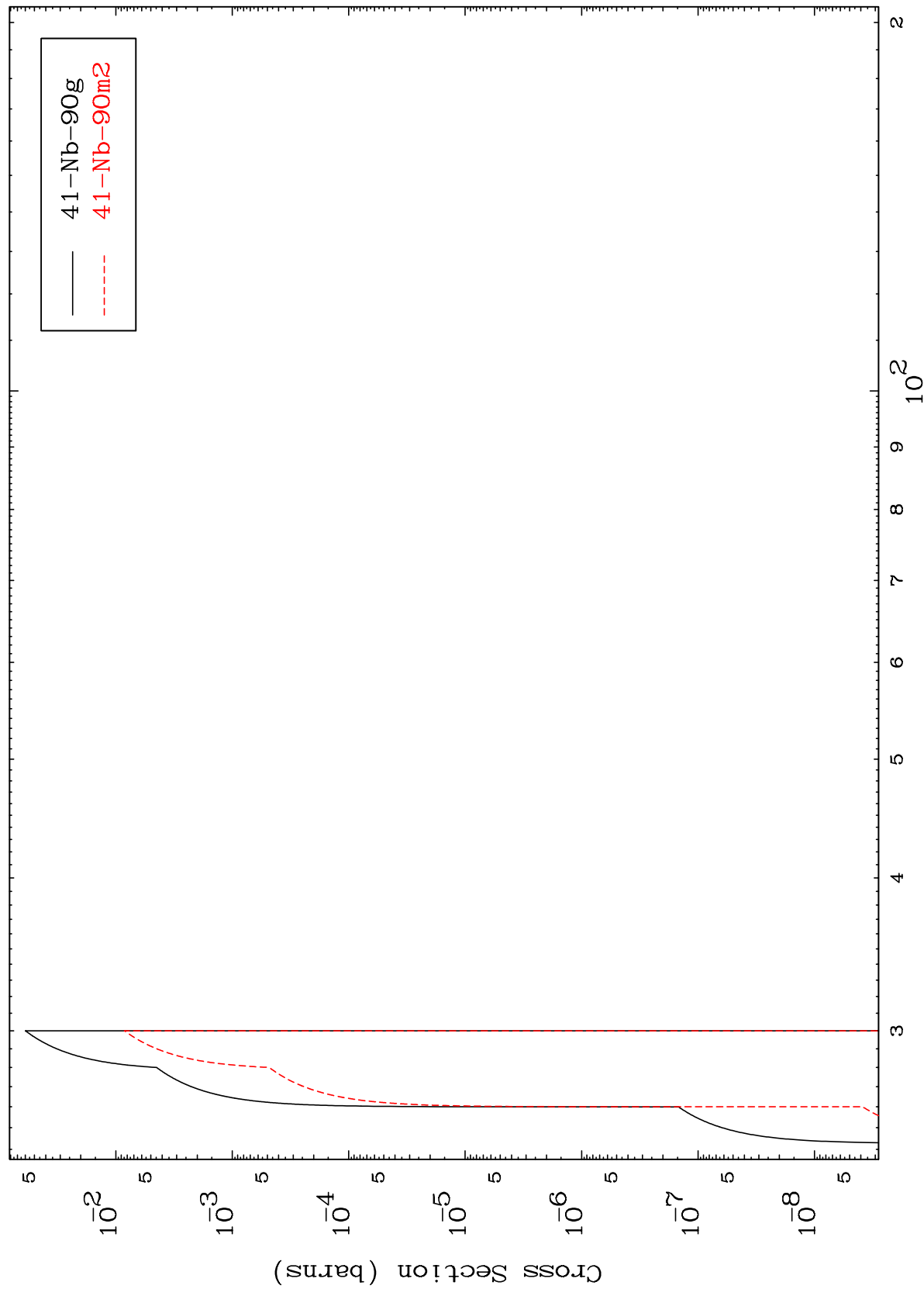


Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

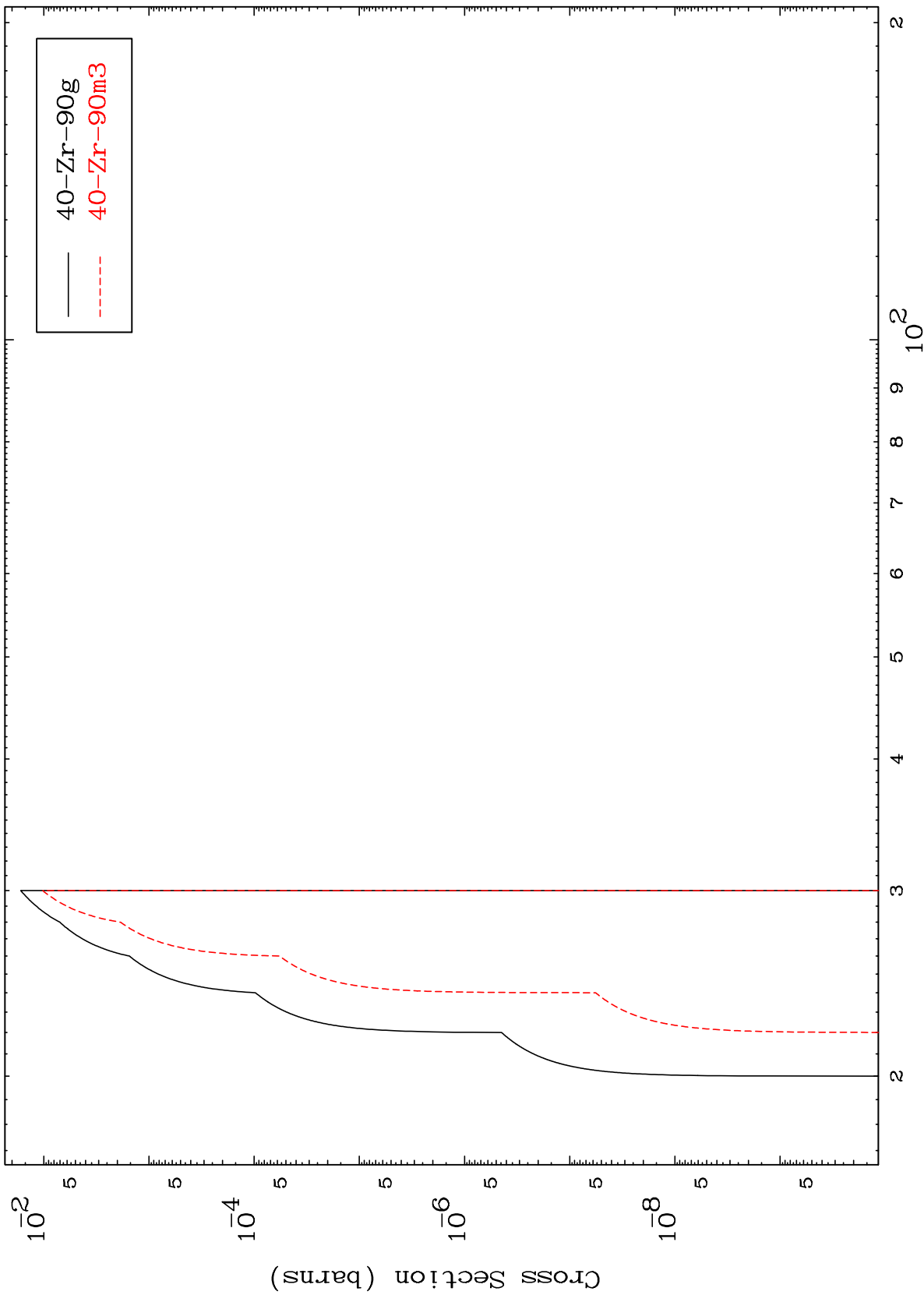


MAT 4022

(n,2n) p

40-Zr-89

Radionuclide Production Cross Section

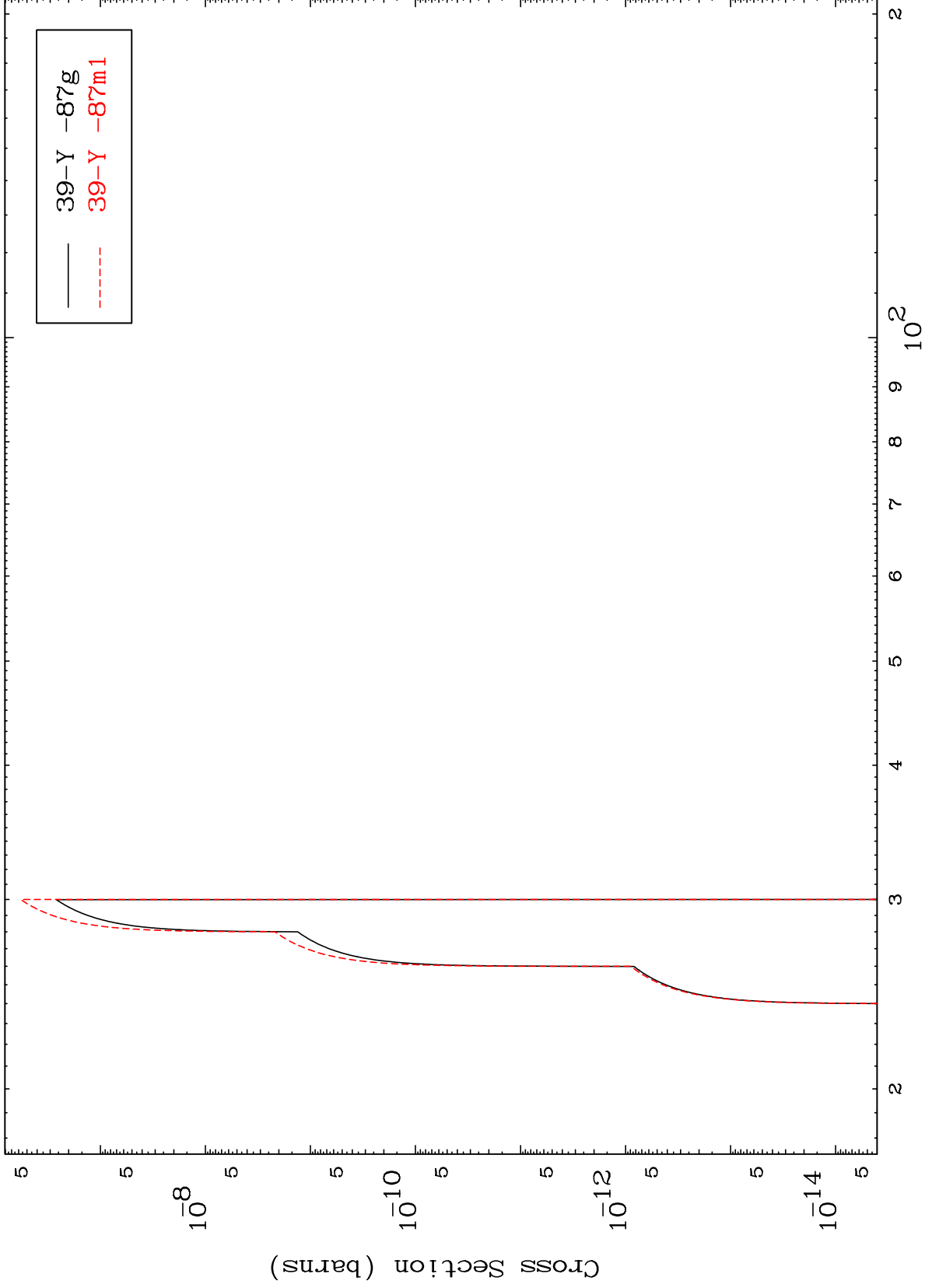


19

Incident Energy (MeV)

40-Zr-89

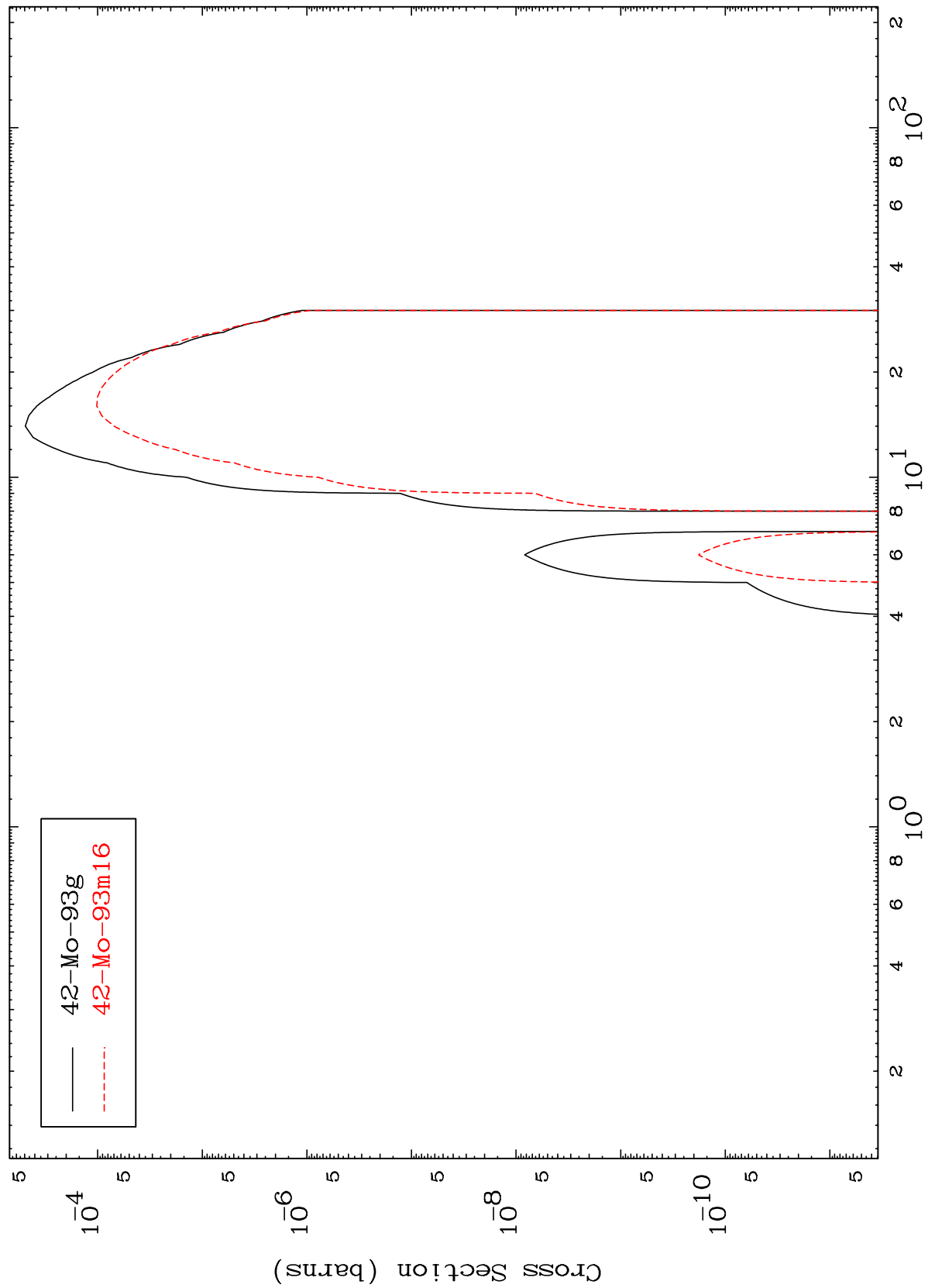
Radionuclide Production Cross Section



MAT 4022

40-Zr-89

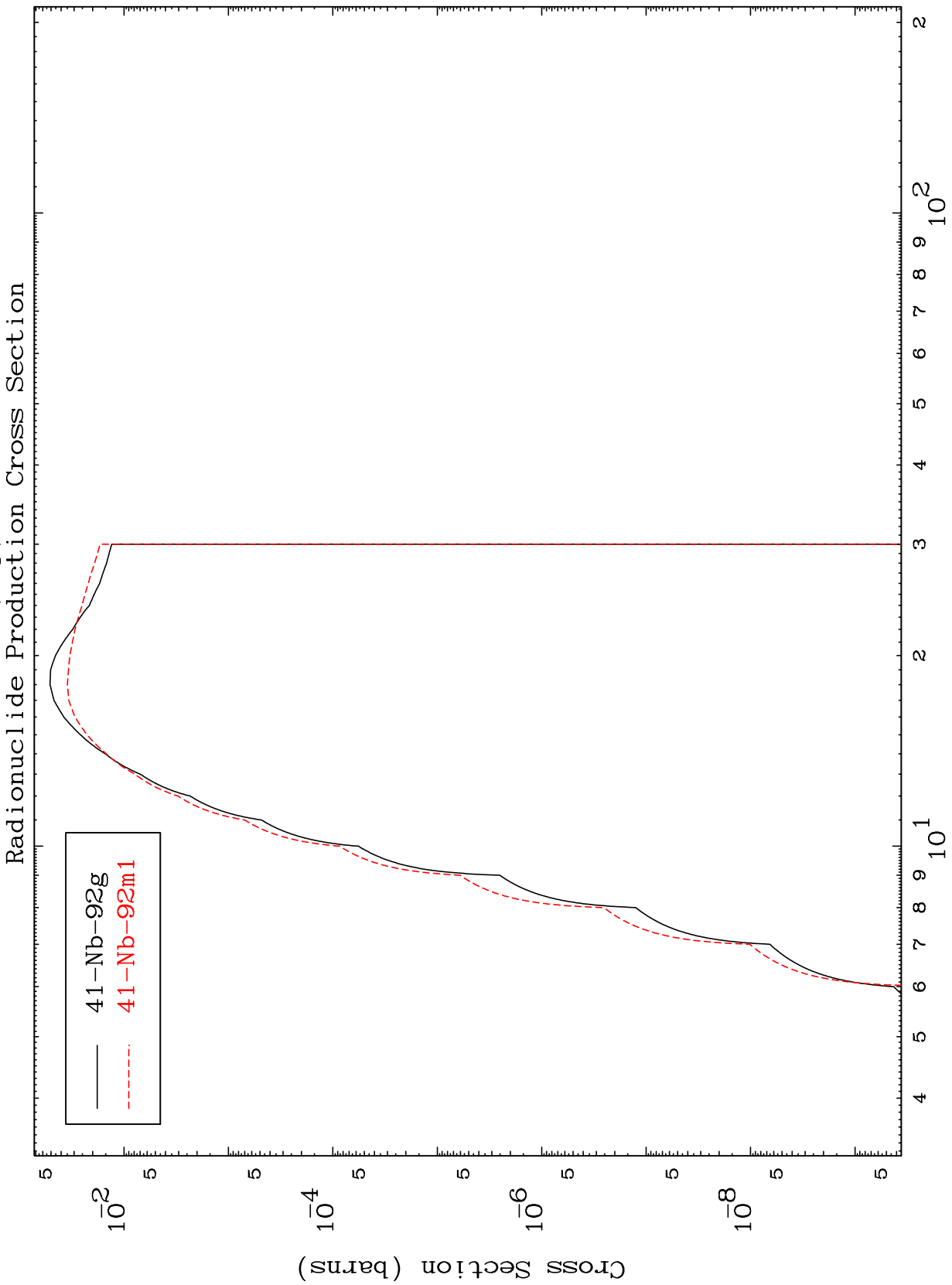
(n, γ)
Radionuclide Production Cross Section



— 42-Mo-93g
- - - 42-Mo-93m16

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40-Zr-89



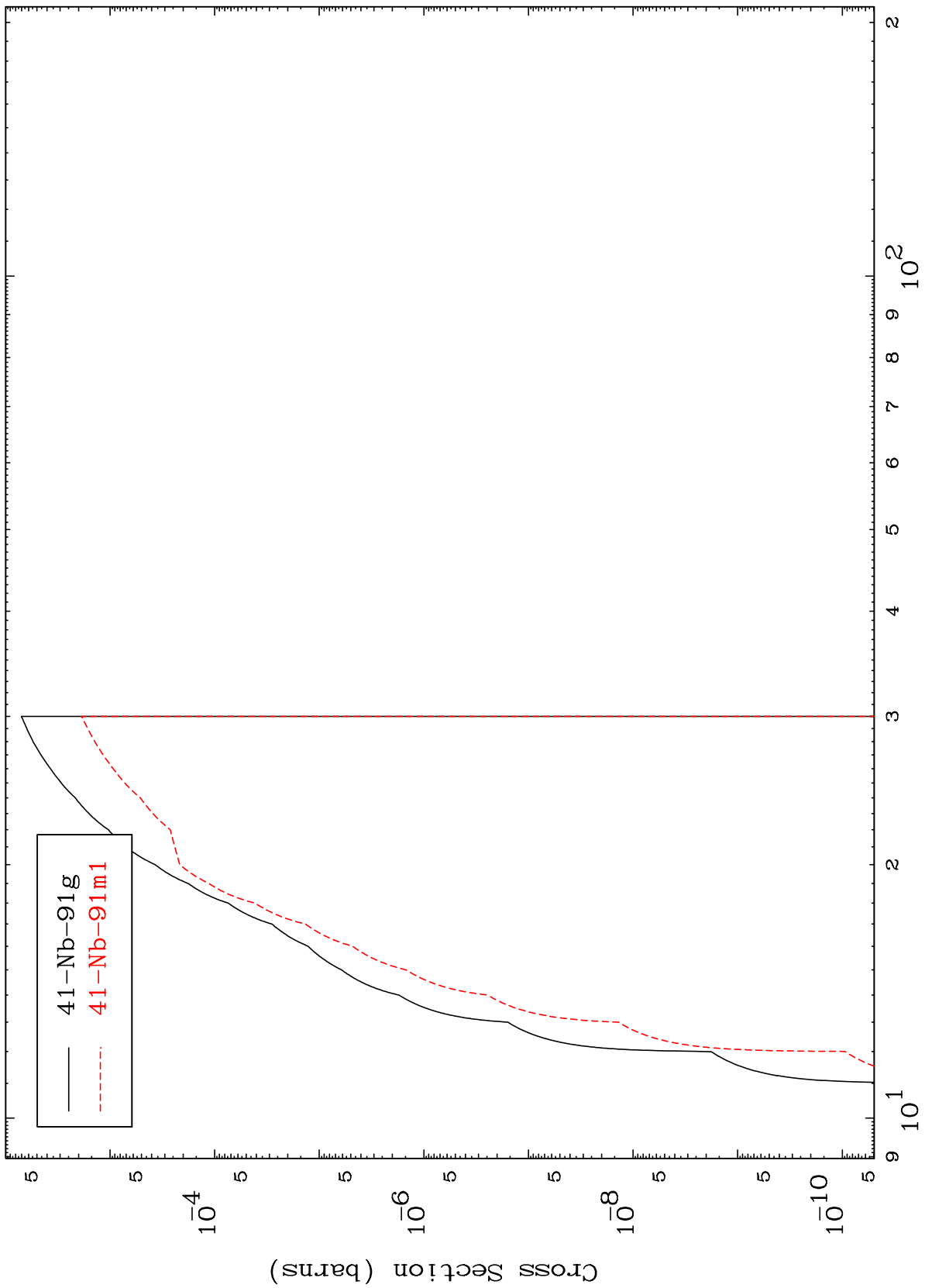
22

40-Zr-89

MAT 4022

40-Zr-89

(n,d)
Radionuclide Production Cross Section



40-Zr-89

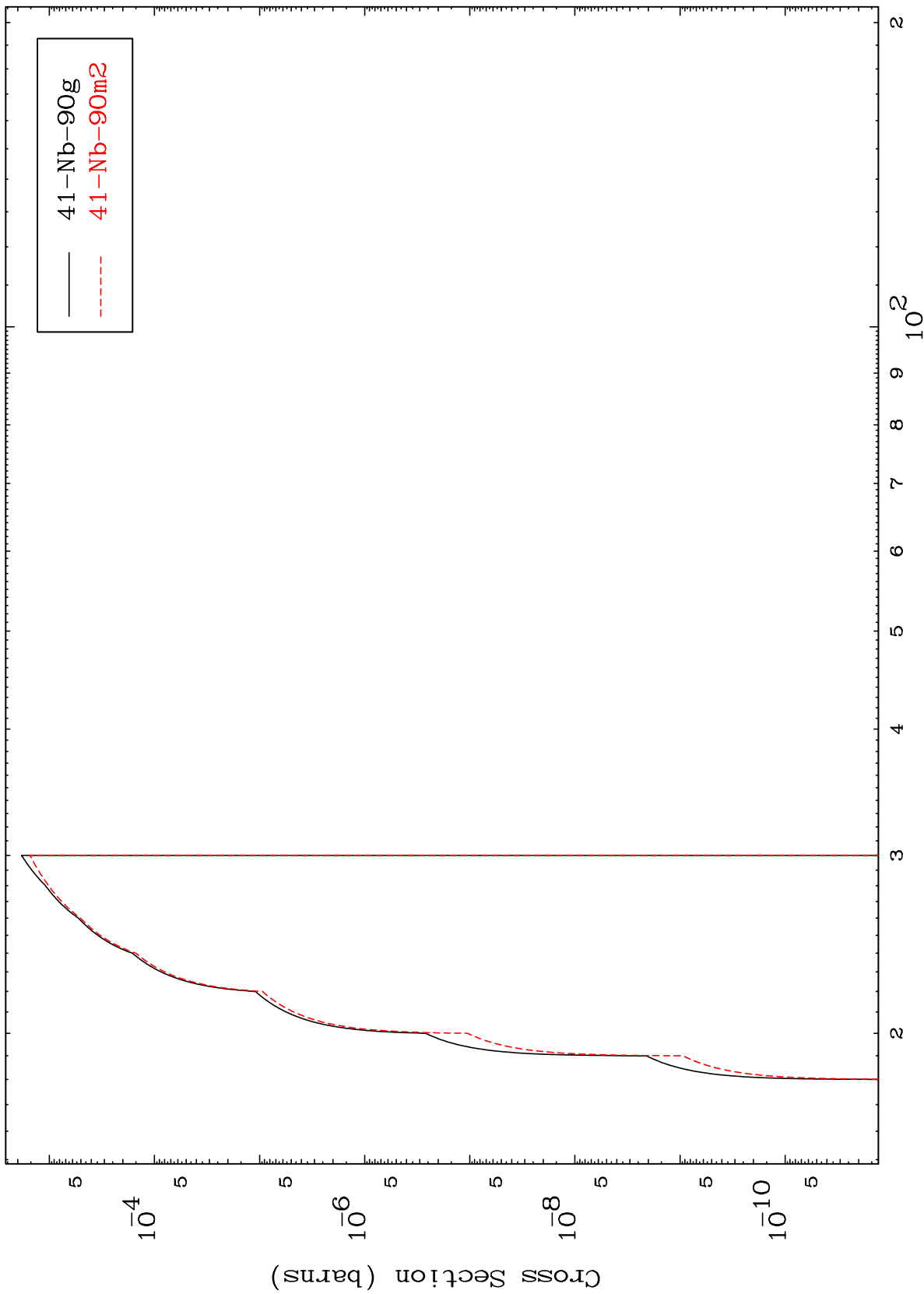
Incident Energy (MeV)

23

MAT 4022

40-Zr-89

(n,t)
Radionuclide Production Cross Section



24

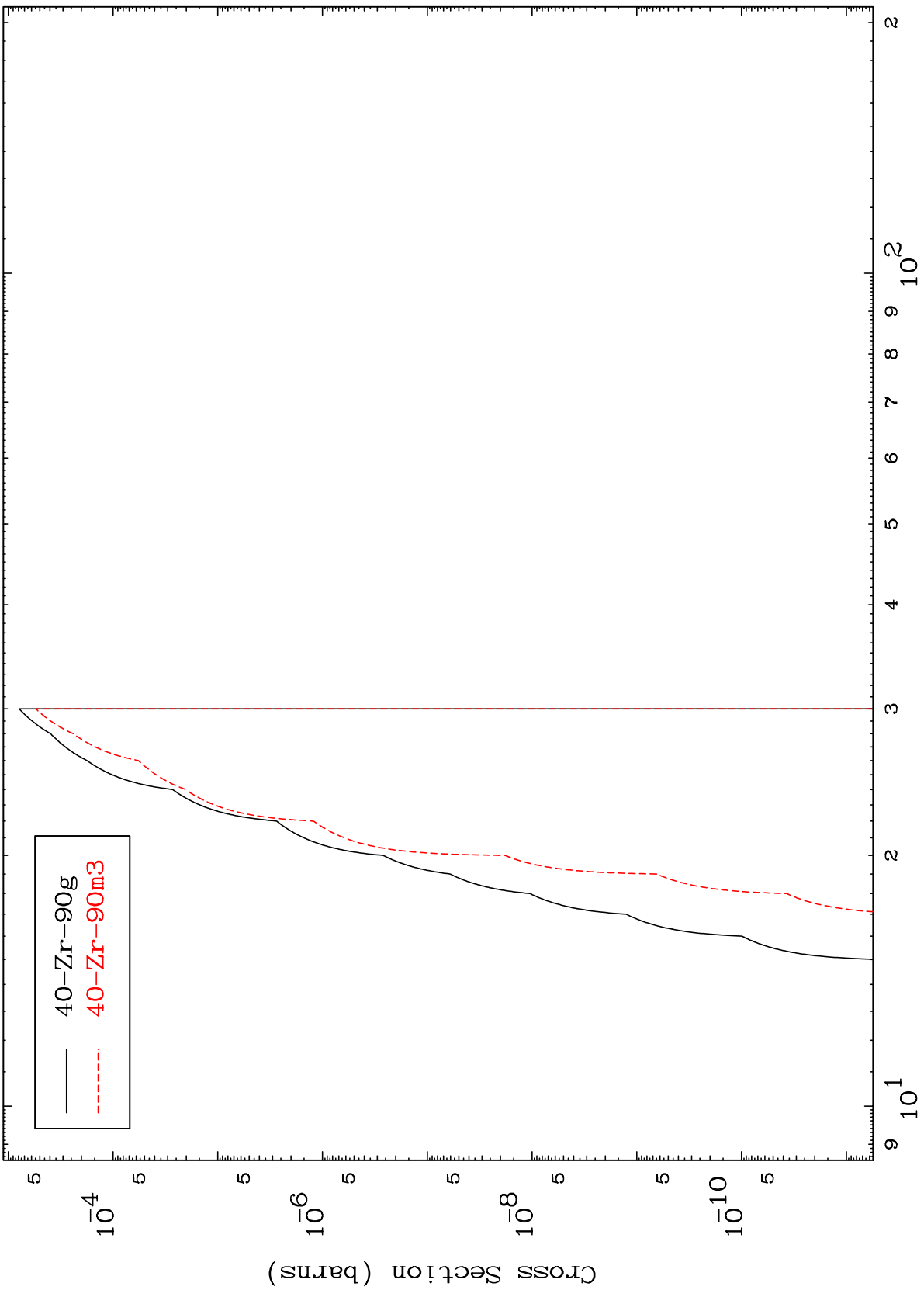
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

Radionuclide Production Cross Section
(n,He-3)



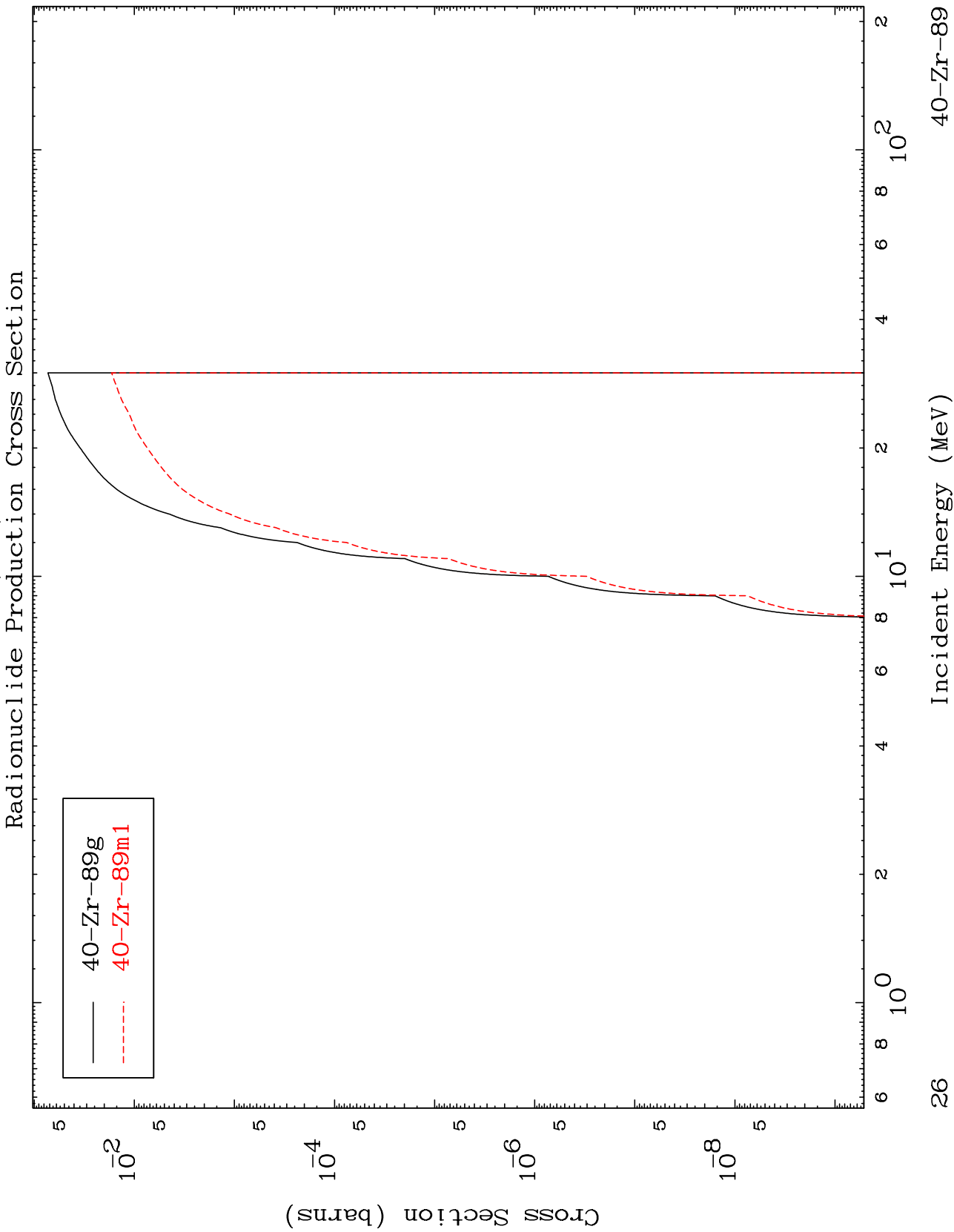
40-Zr-89

Incident Energy (MeV)

25

MAT 4022

40-Zr-89

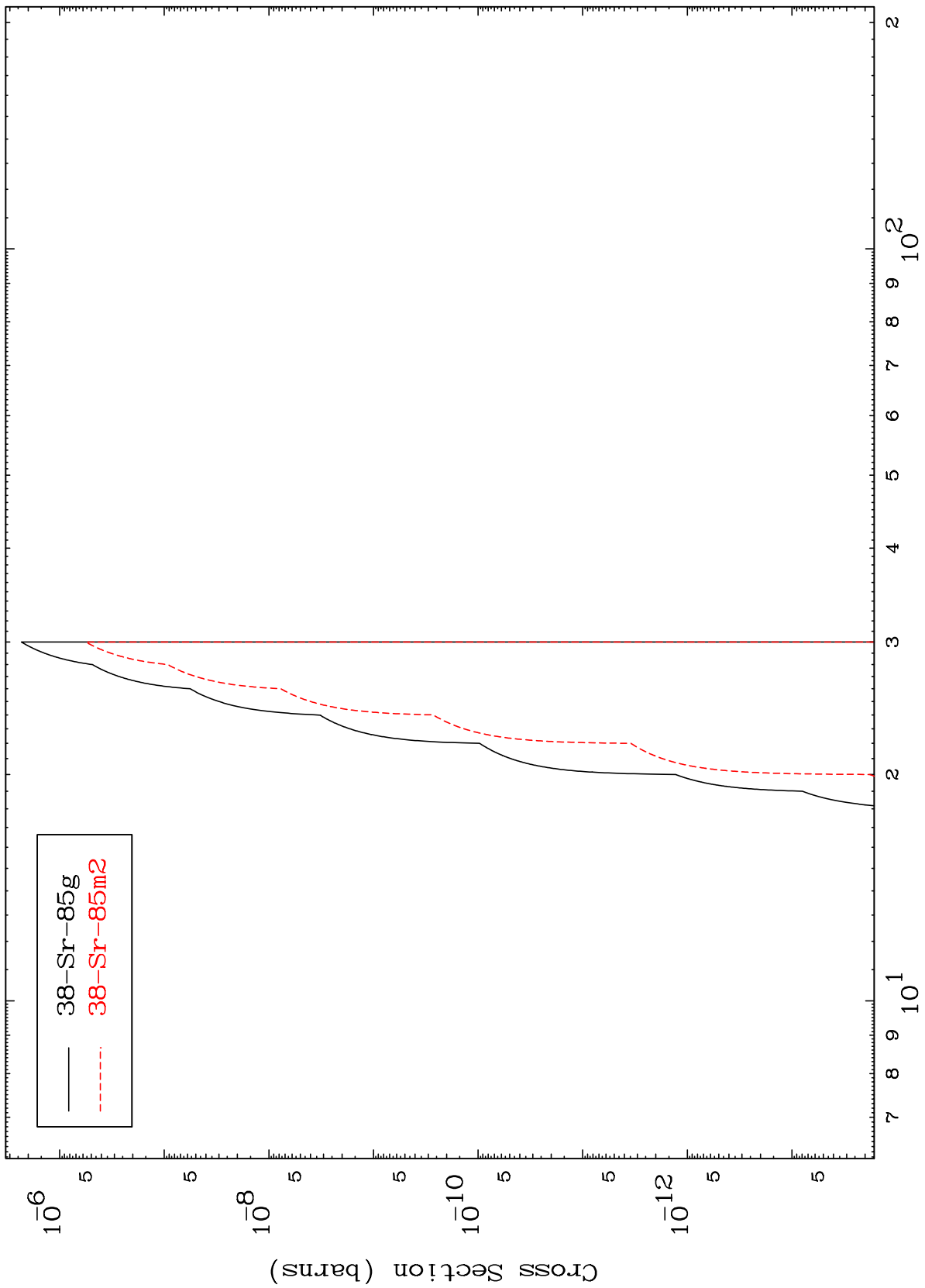


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40-Zr-89

(n,2α)
Radionuclide Production Cross Section

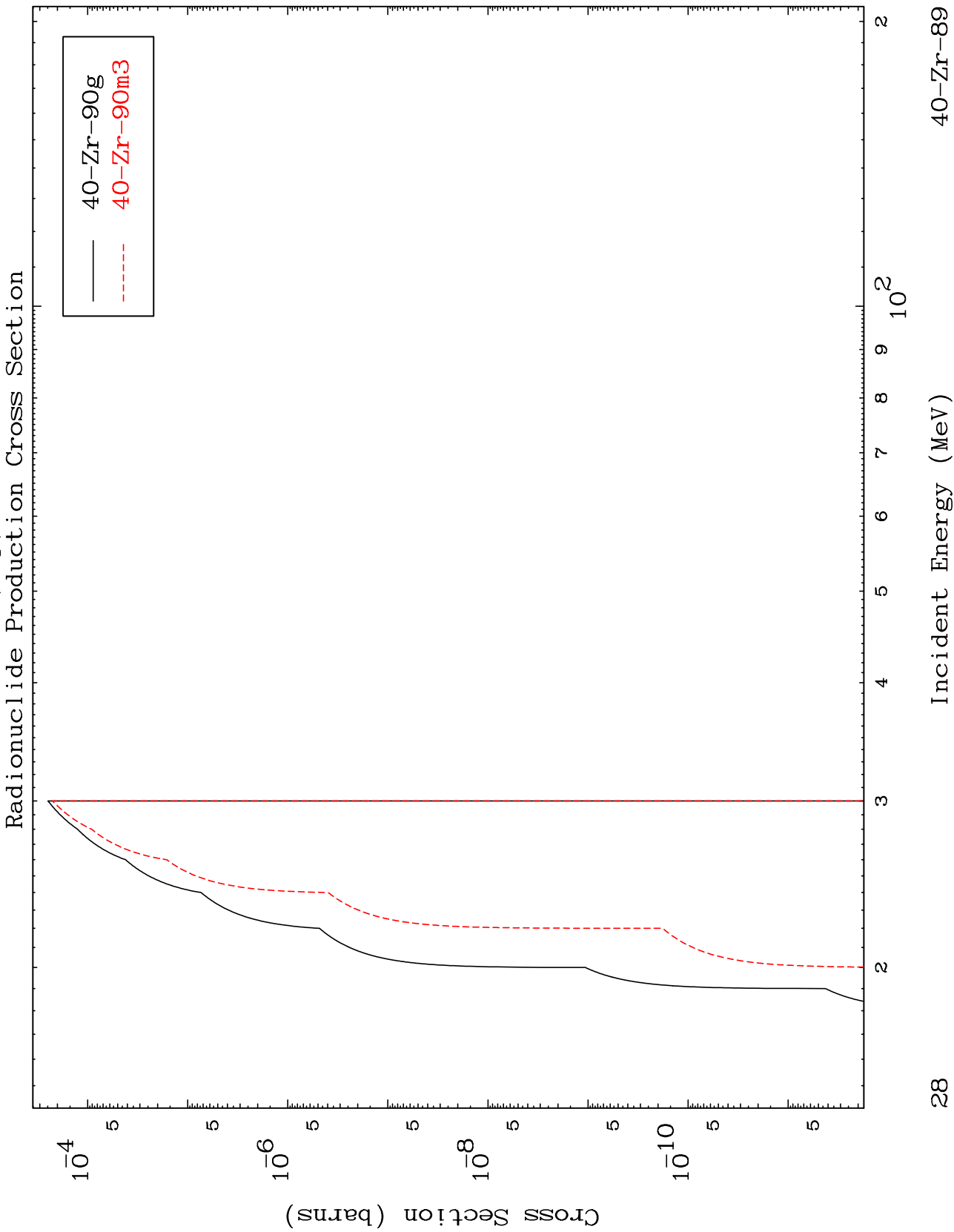


— 38-Sr-85g
- - - 38-Sr-85m2

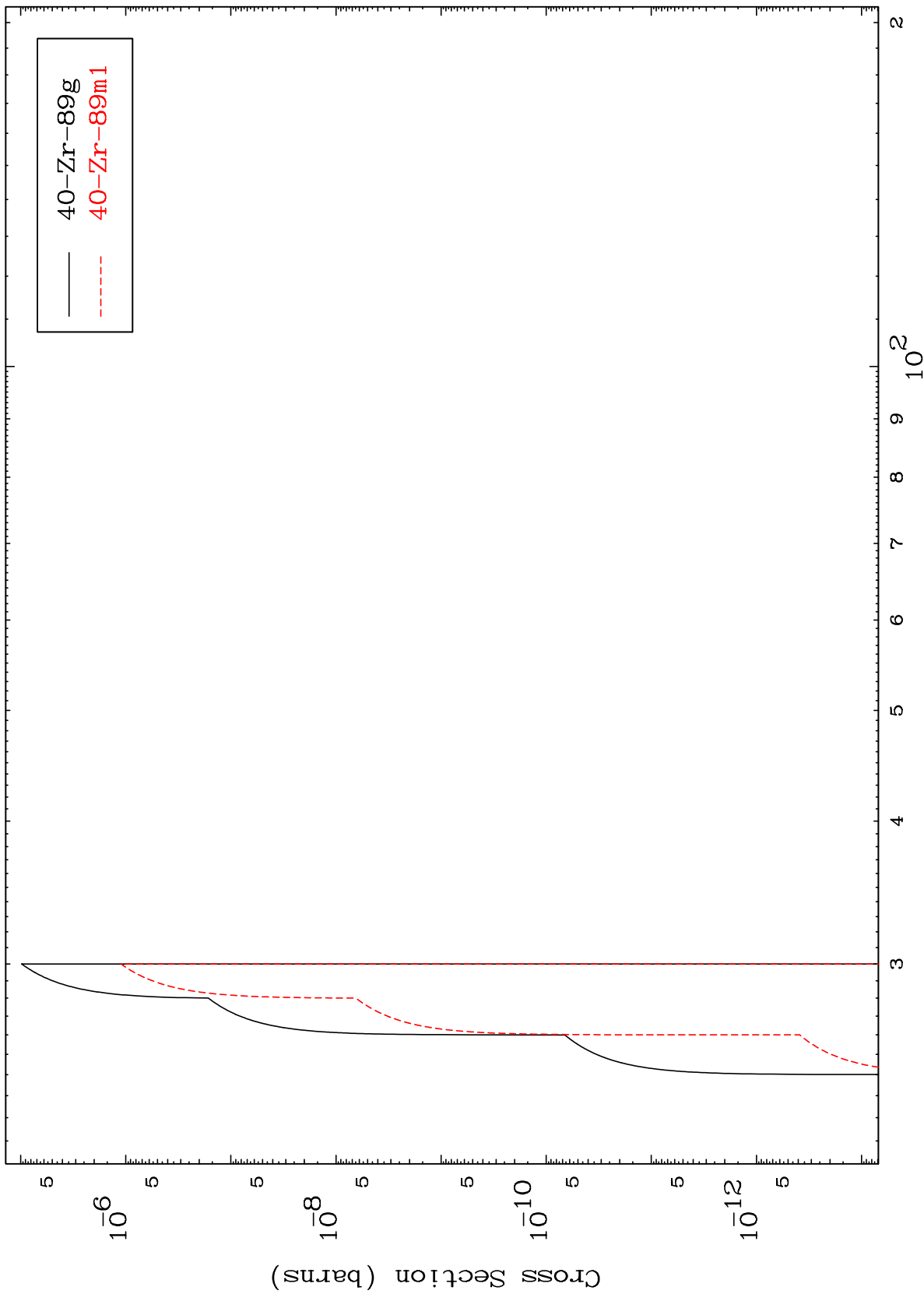
27

Incident Energy (MeV)

40-Zr-89



Radionuclide Production Cross Section

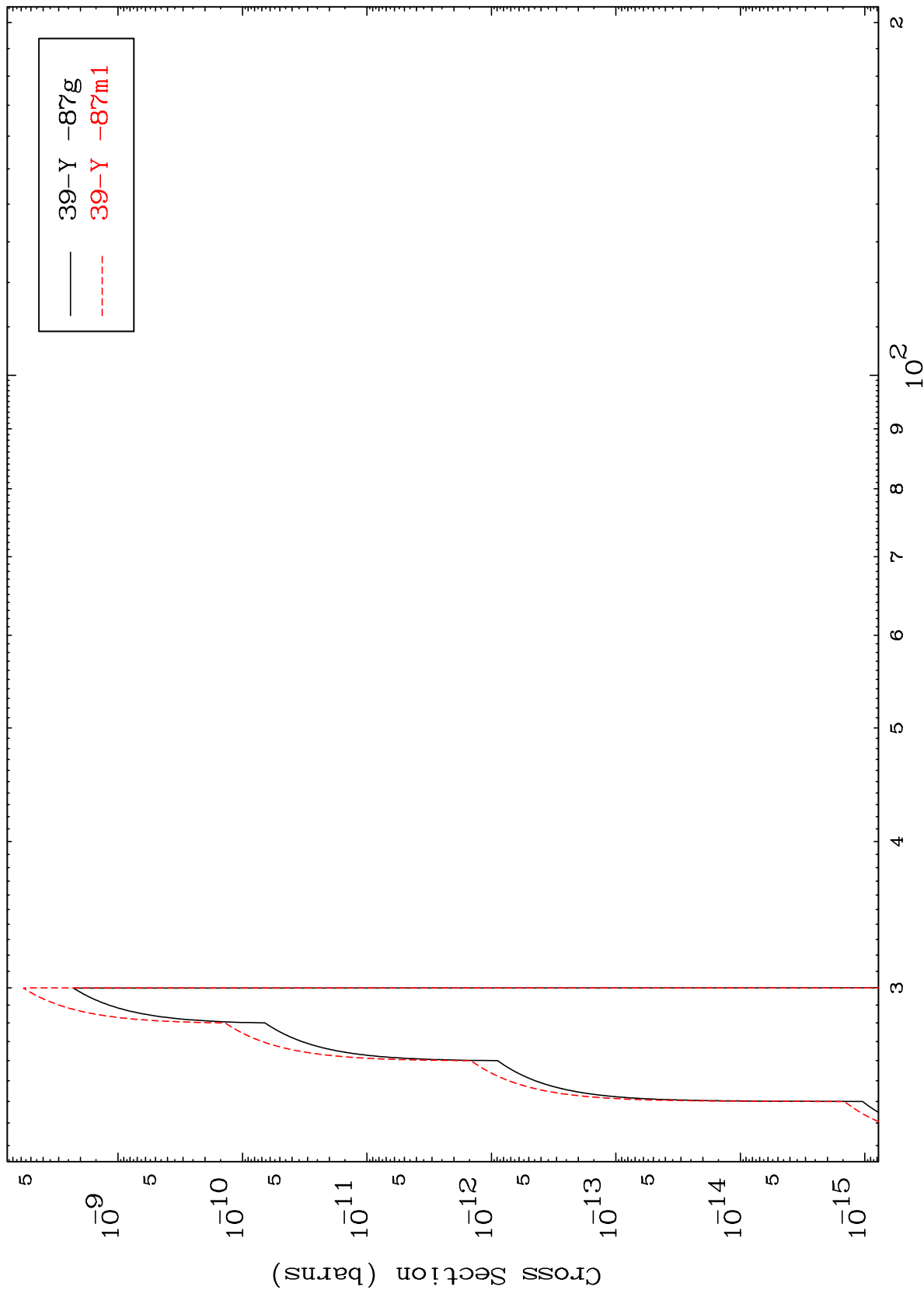


MAT 4022

(n,d) α

40-Zr-89

Radionuclide Production Cross Section



30

Incident Energy (MeV)

40-Zr-89