

Program EVALPLOT  
(Version 2021-1)

by

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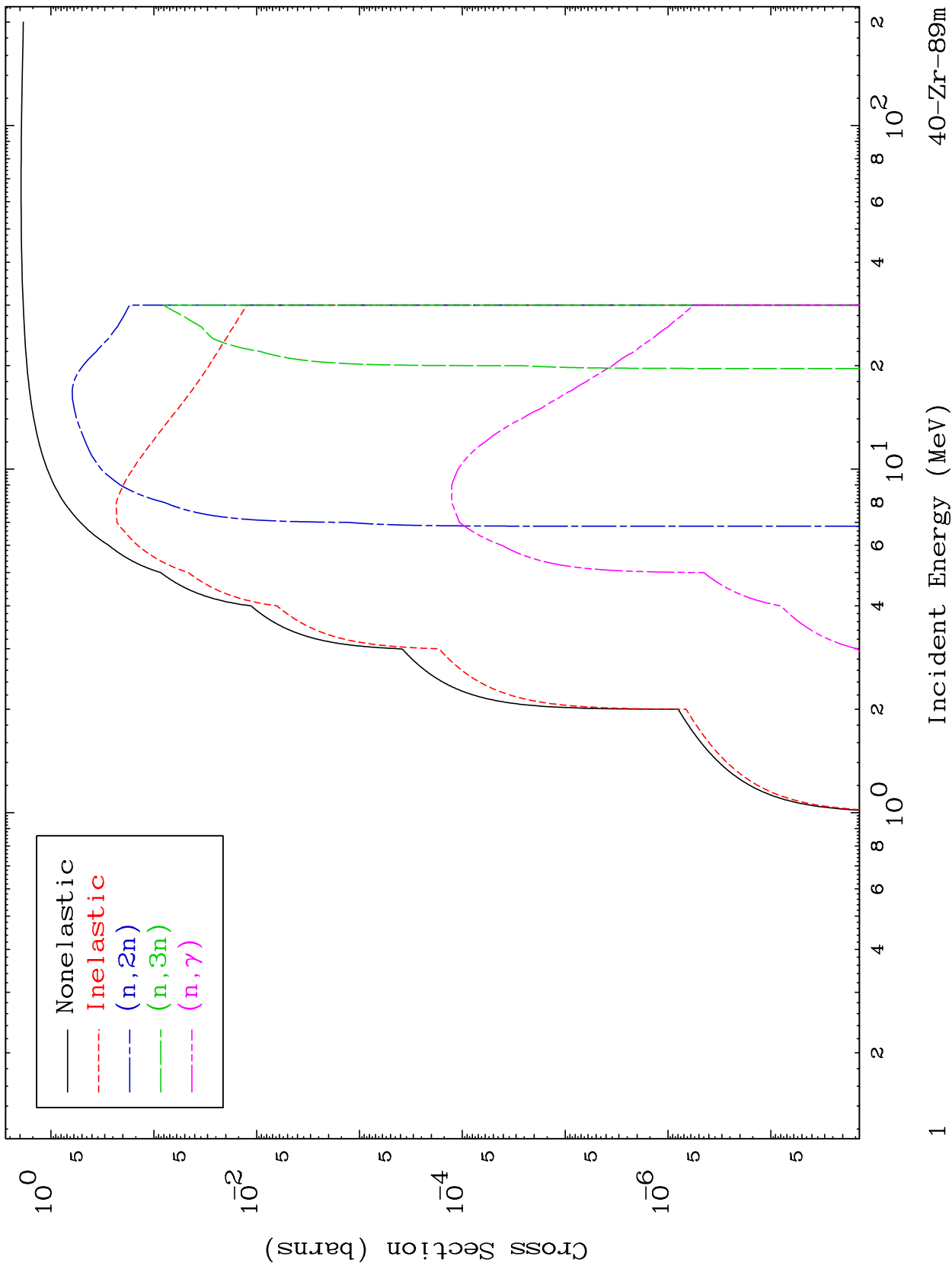
Press Mouse Button to Start

MAT 4023

Deuteron Major

40-Zr-89m

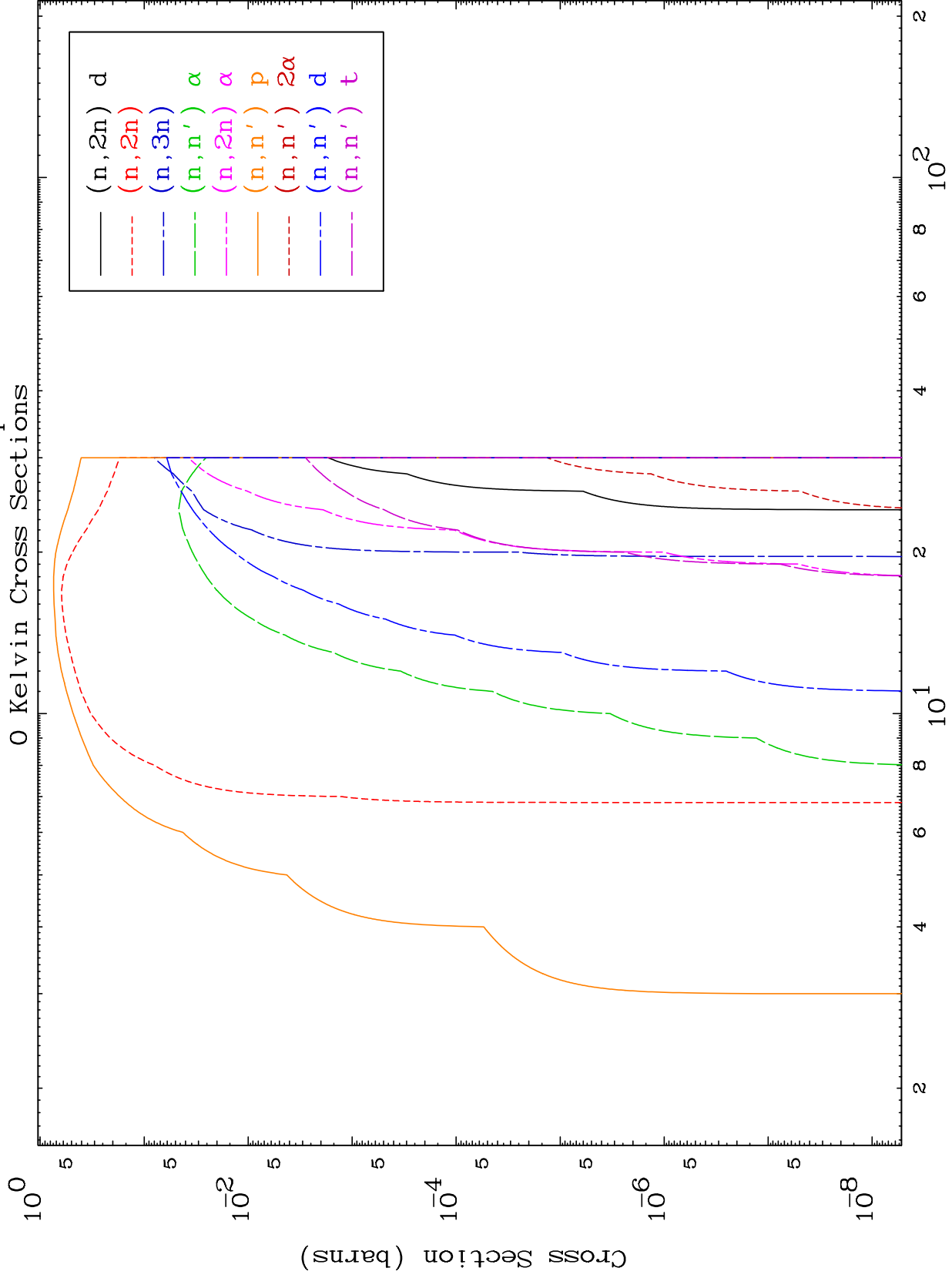
0 Kelvin Cross Sections



MAT 4023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-89m



2

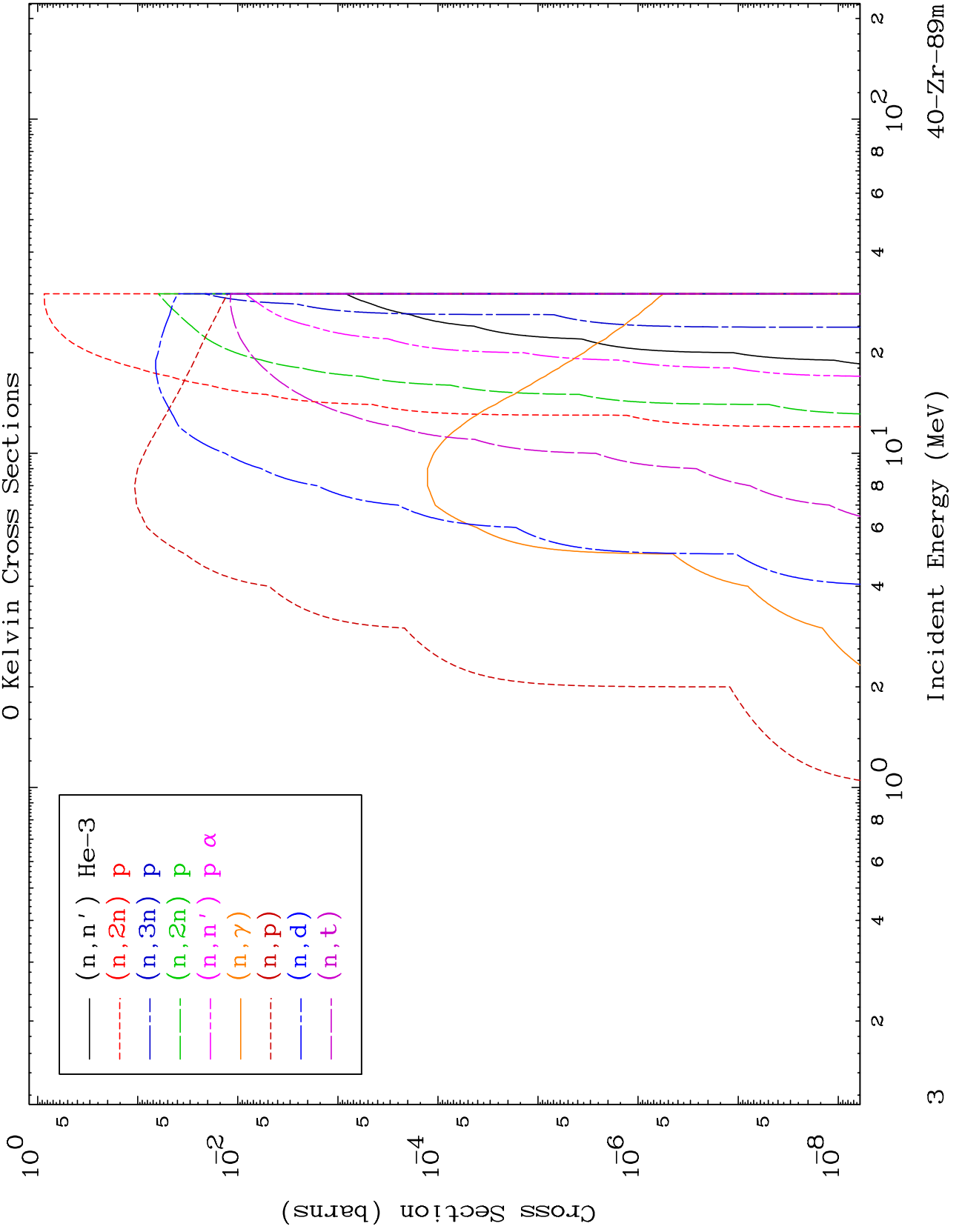
Incident Energy (MeV)

40-Zr-89m

MAT 4023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

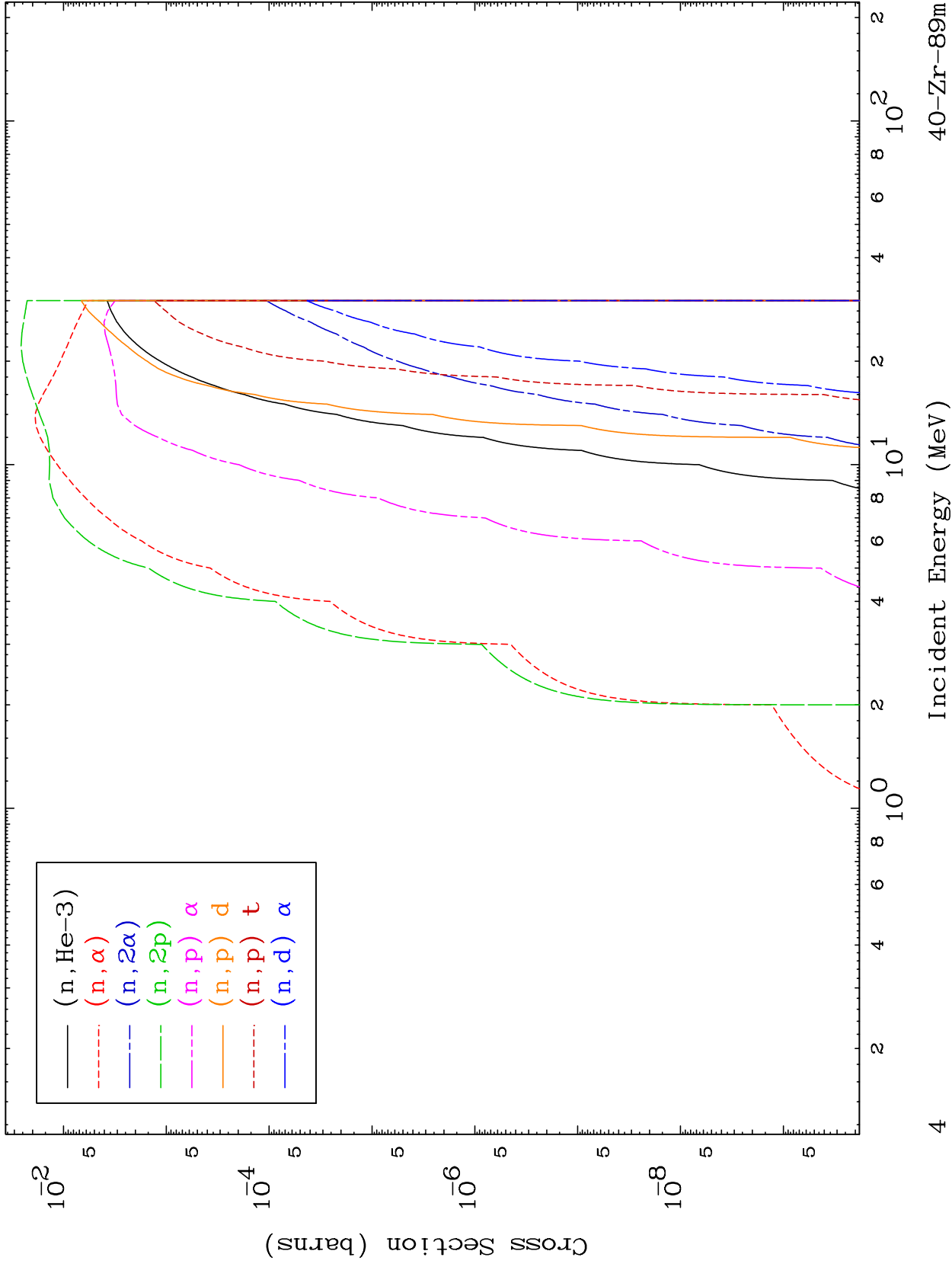
40-Zr-89m



MAT 4023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

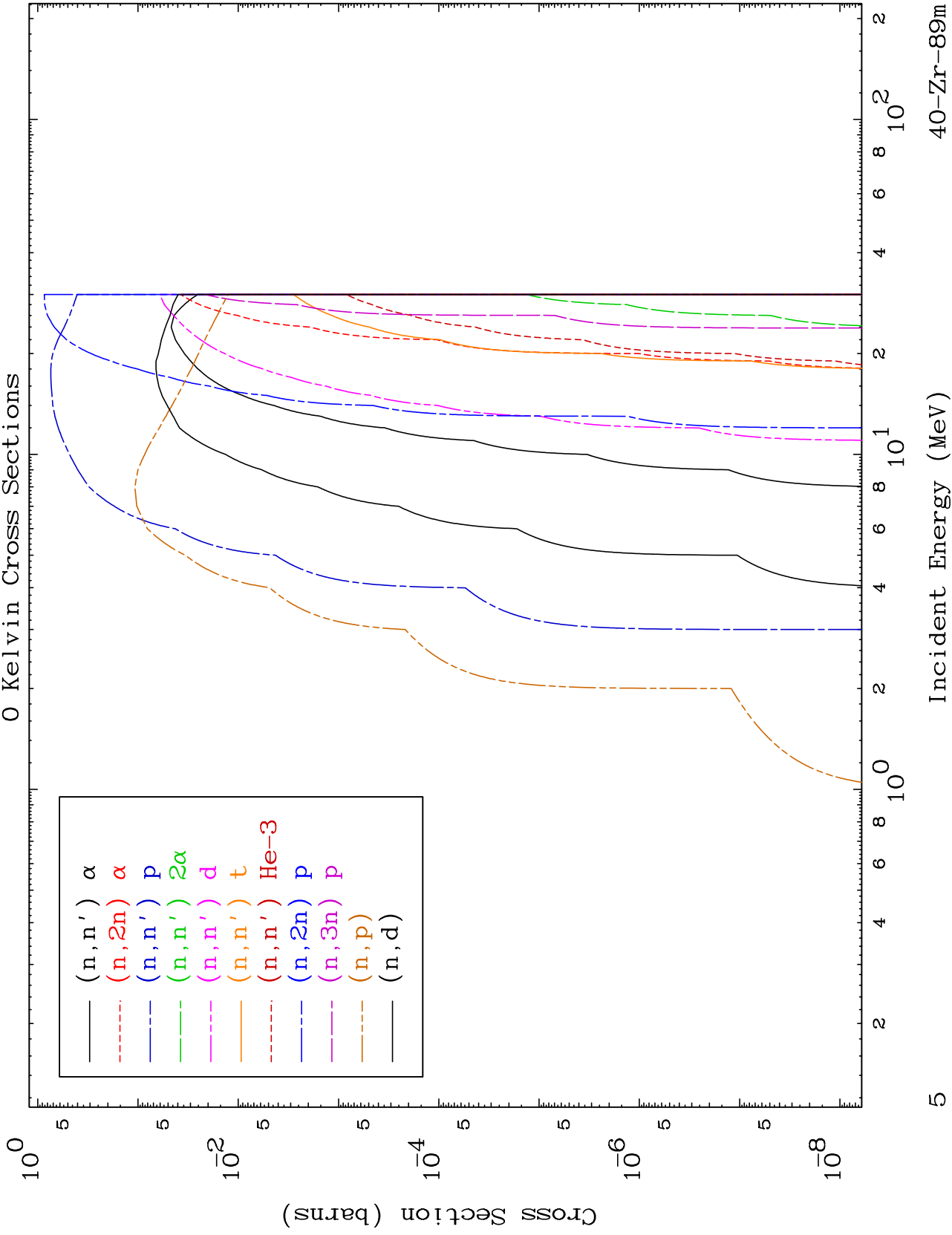
40-Zr-89m



MAT 4023

Deuteron Charged Particle  
0 Kelvin Cross Sections

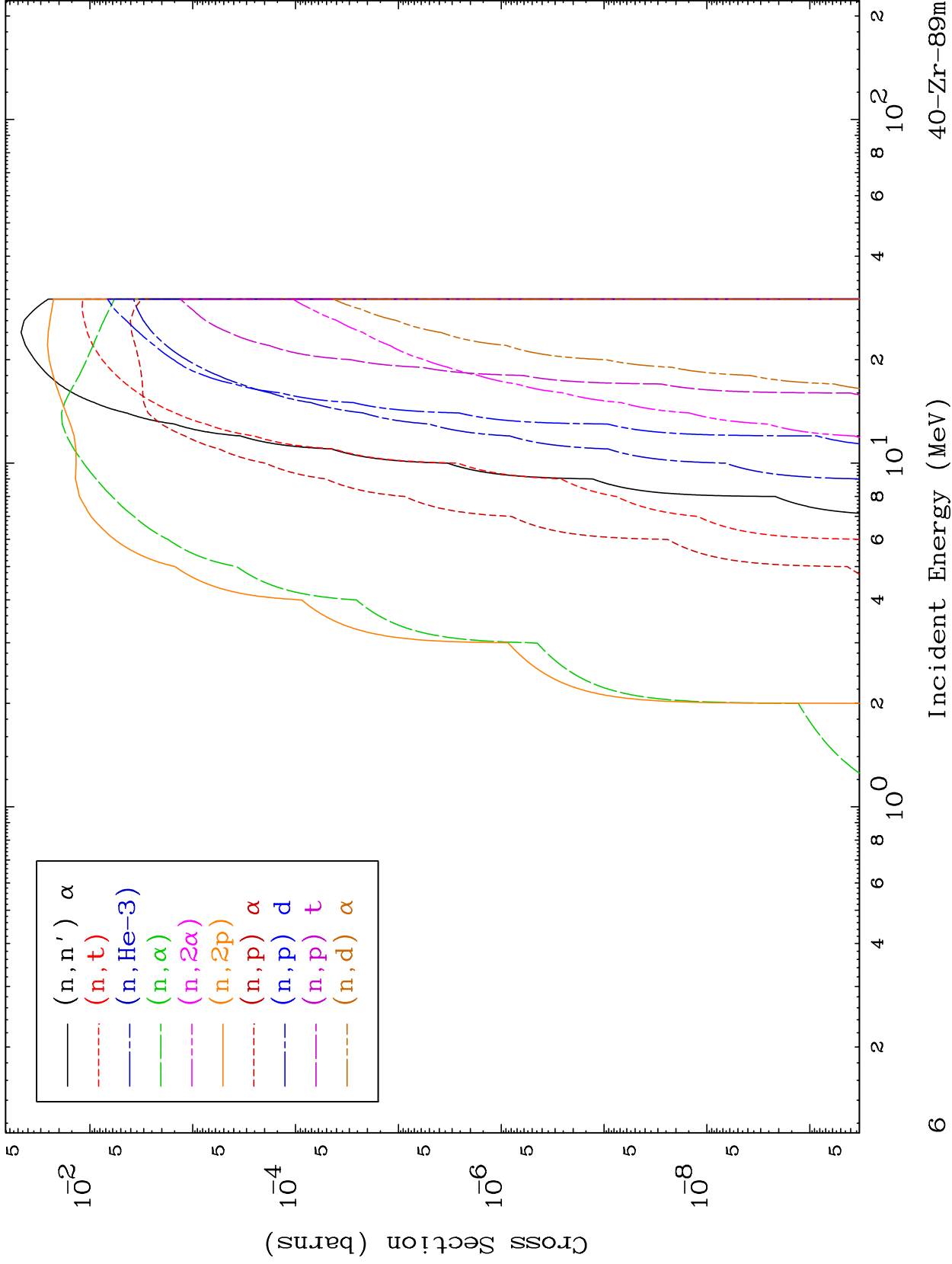
40-Zr-89m



MAT 4023

Deuteron Charged Particle  
0 Kelvin Cross Sections

40-Zr-89m

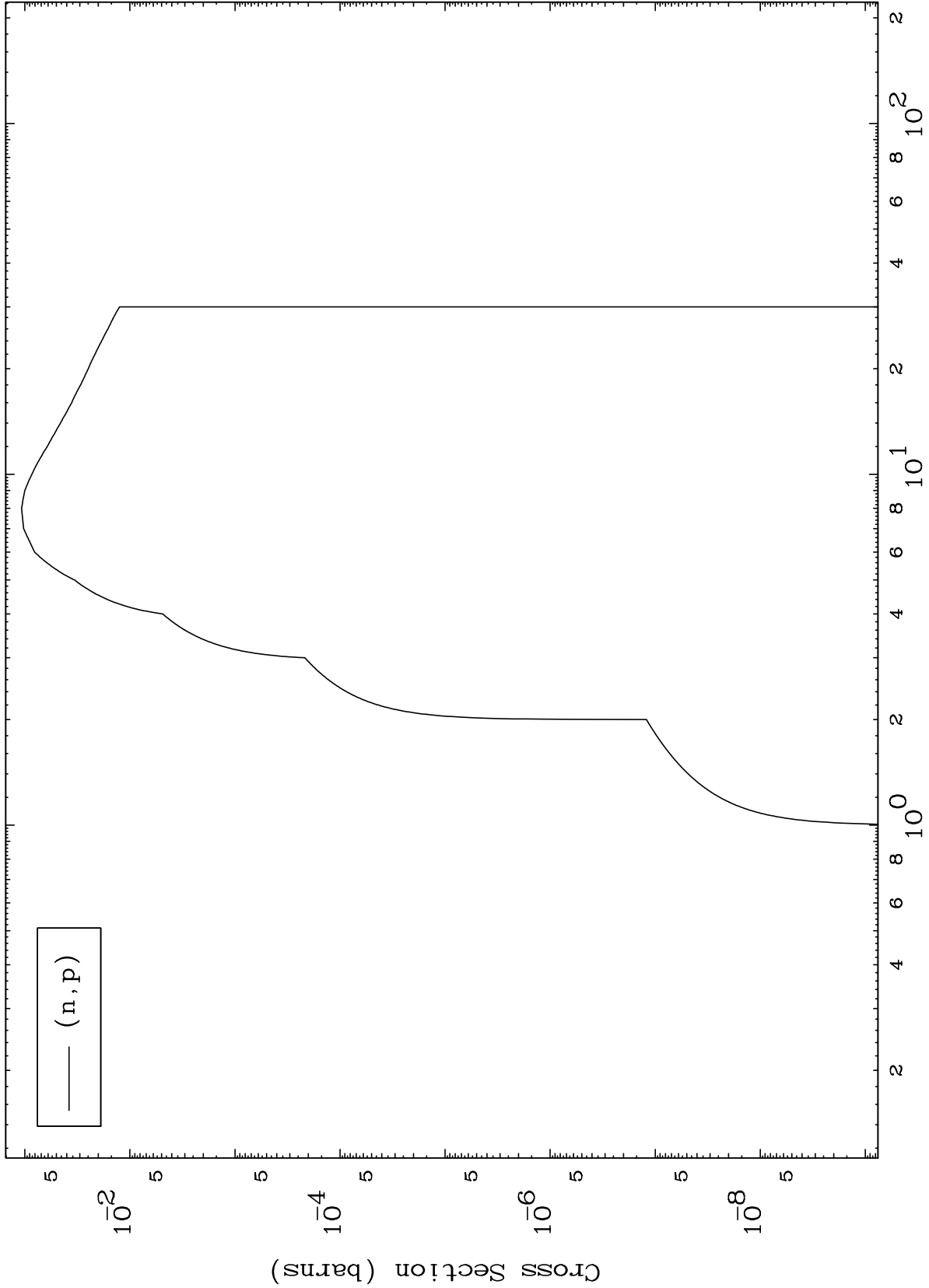


MAT 4023

(d,p) Levels

40-Zr-89m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

40-Zr-89m

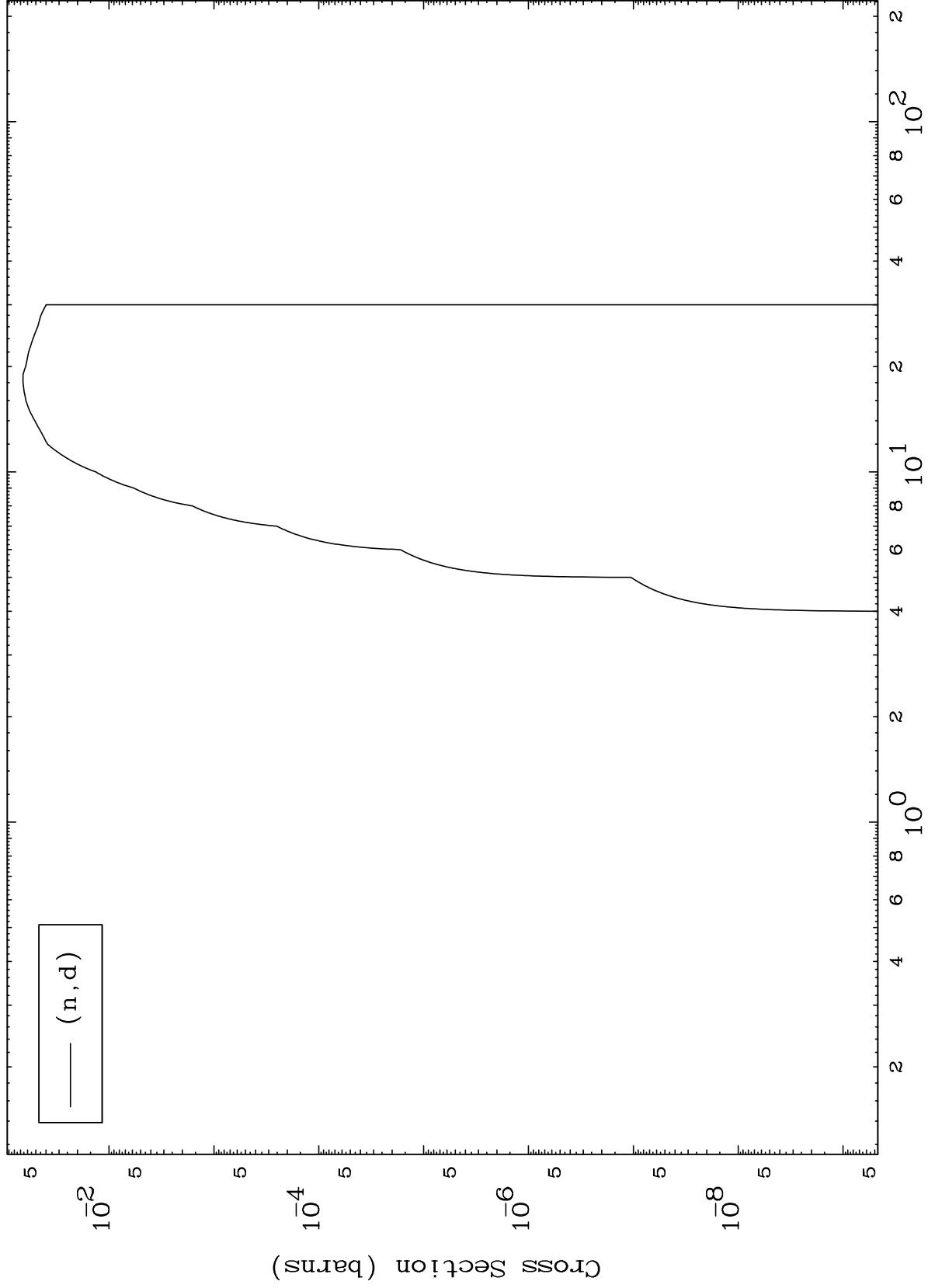


MAT 4023

(d,d) Levels

40-Zr-89m

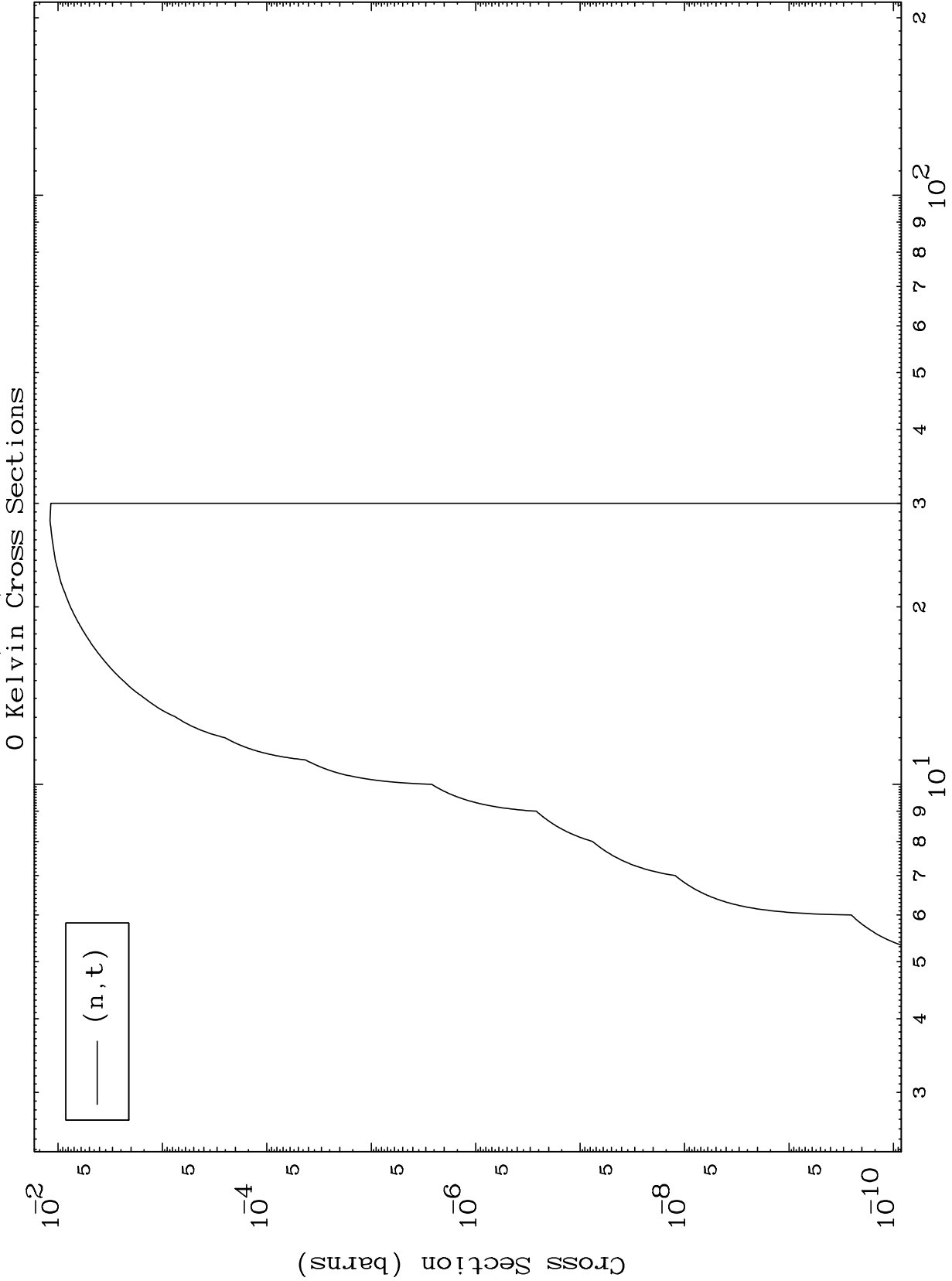
0 Kelvin Cross Sections



MAT 4023

(d, t) Levels

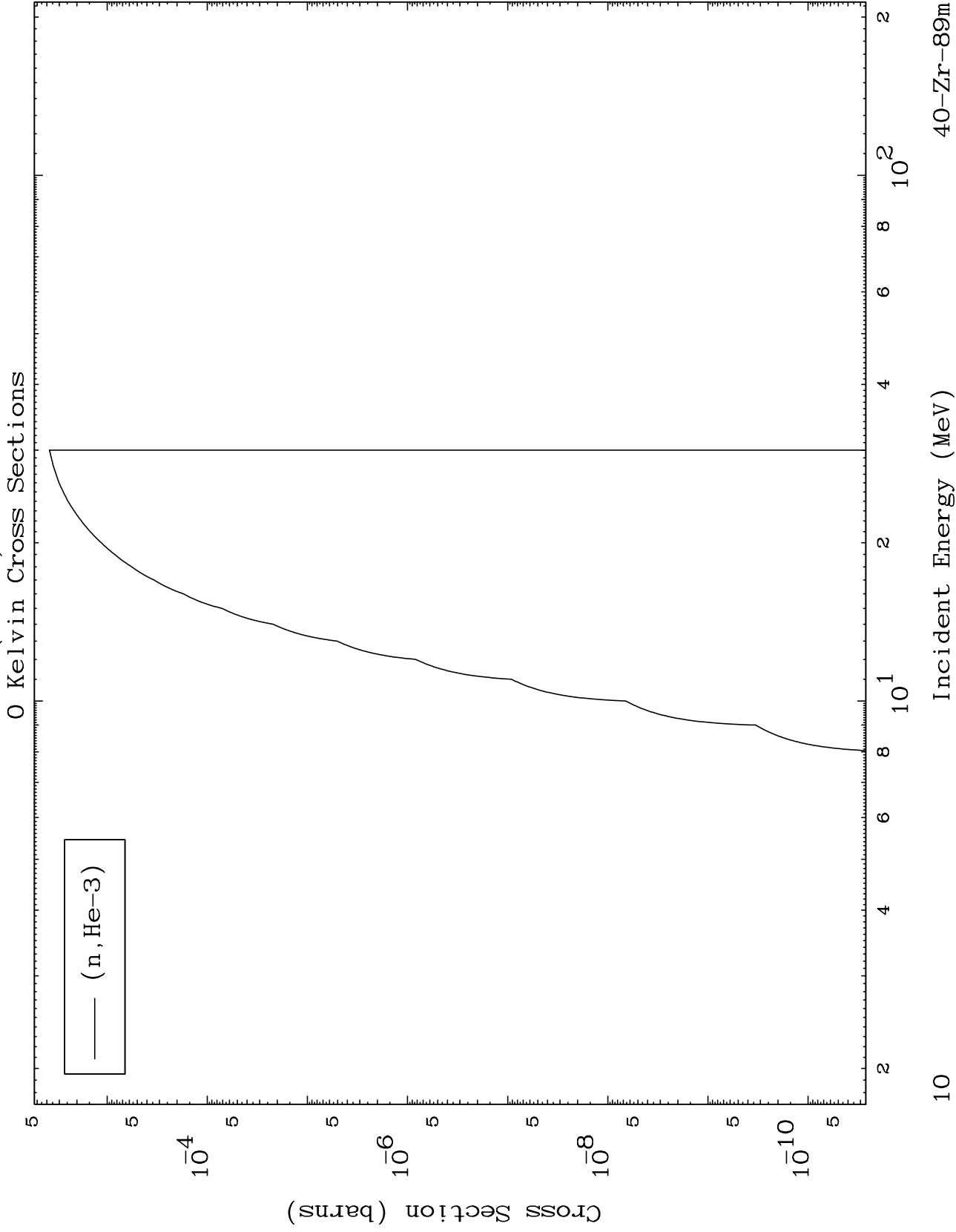
40-Zr-89m



MAT 4023

(d,He3) Levels

40-Zr-89m

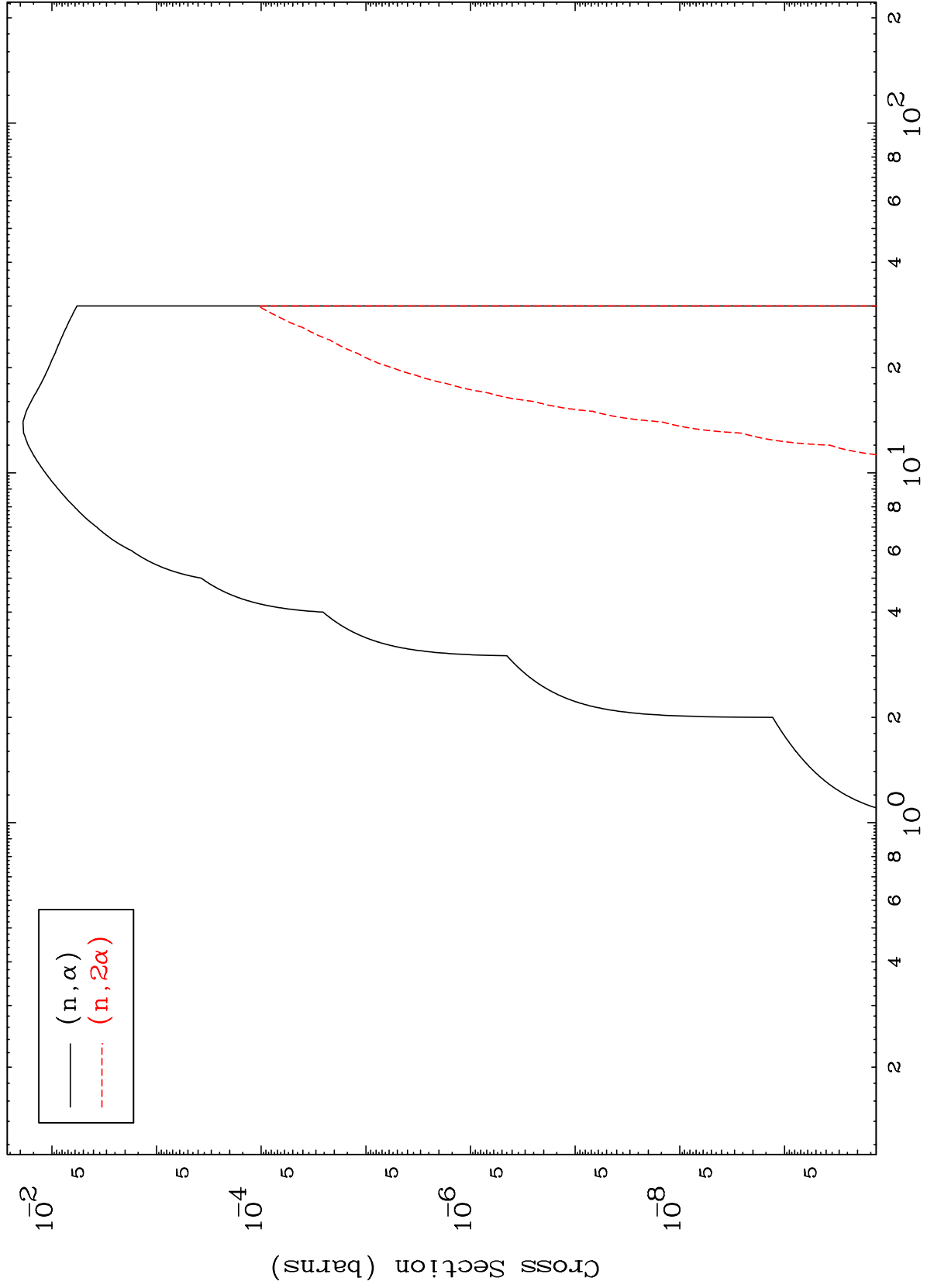


MAT 4023

(d,  $\alpha$ ) Levels

40-Zr-89m

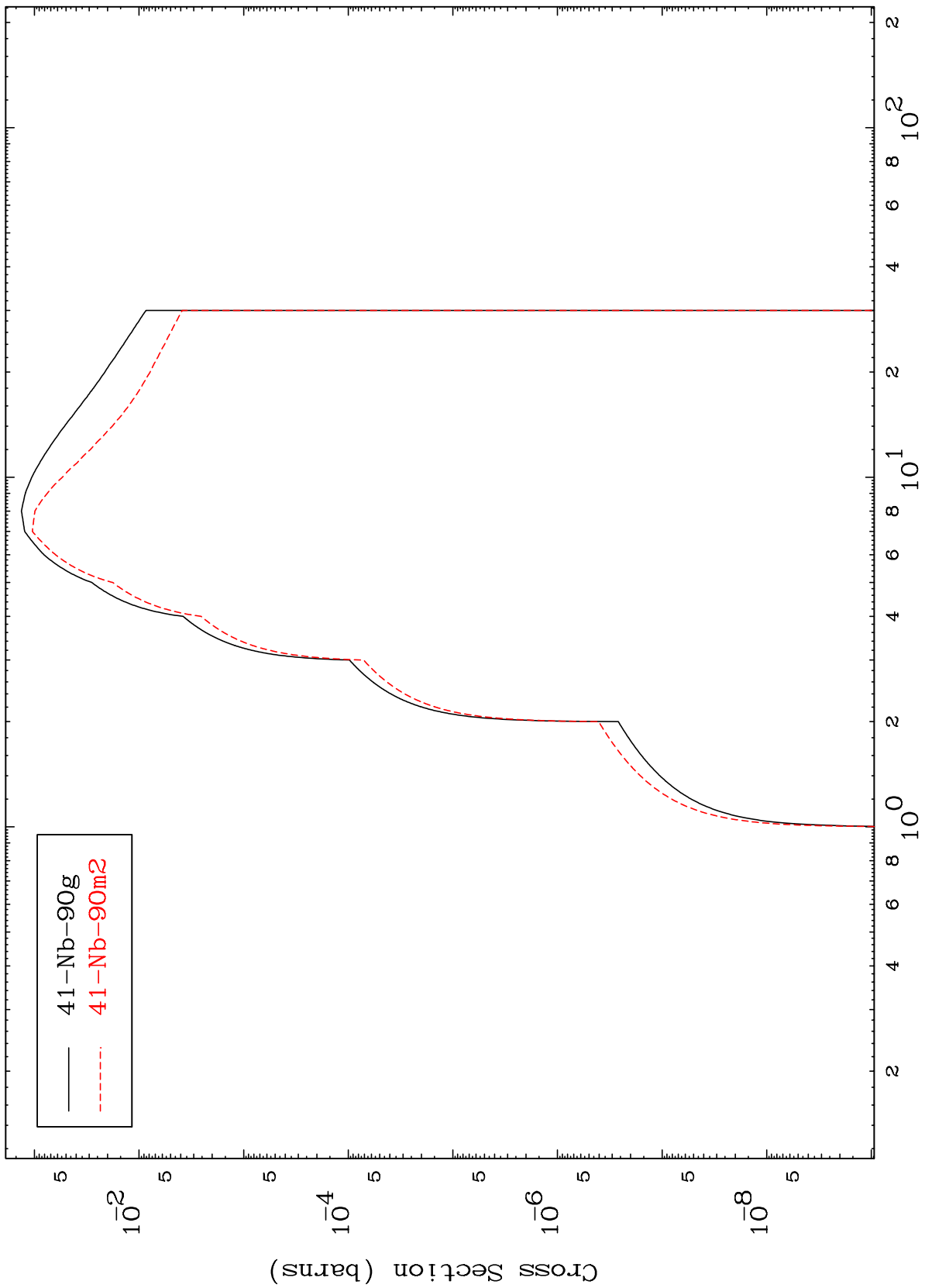
0 Kelvin Cross Sections



MAT 4023

40-Zr-89m

Inelastic  
Radionuclide Production Cross Section



— 41-Nb-90g  
- - - 41-Nb-90m2

40-Zr-89m

Incident Energy (MeV)

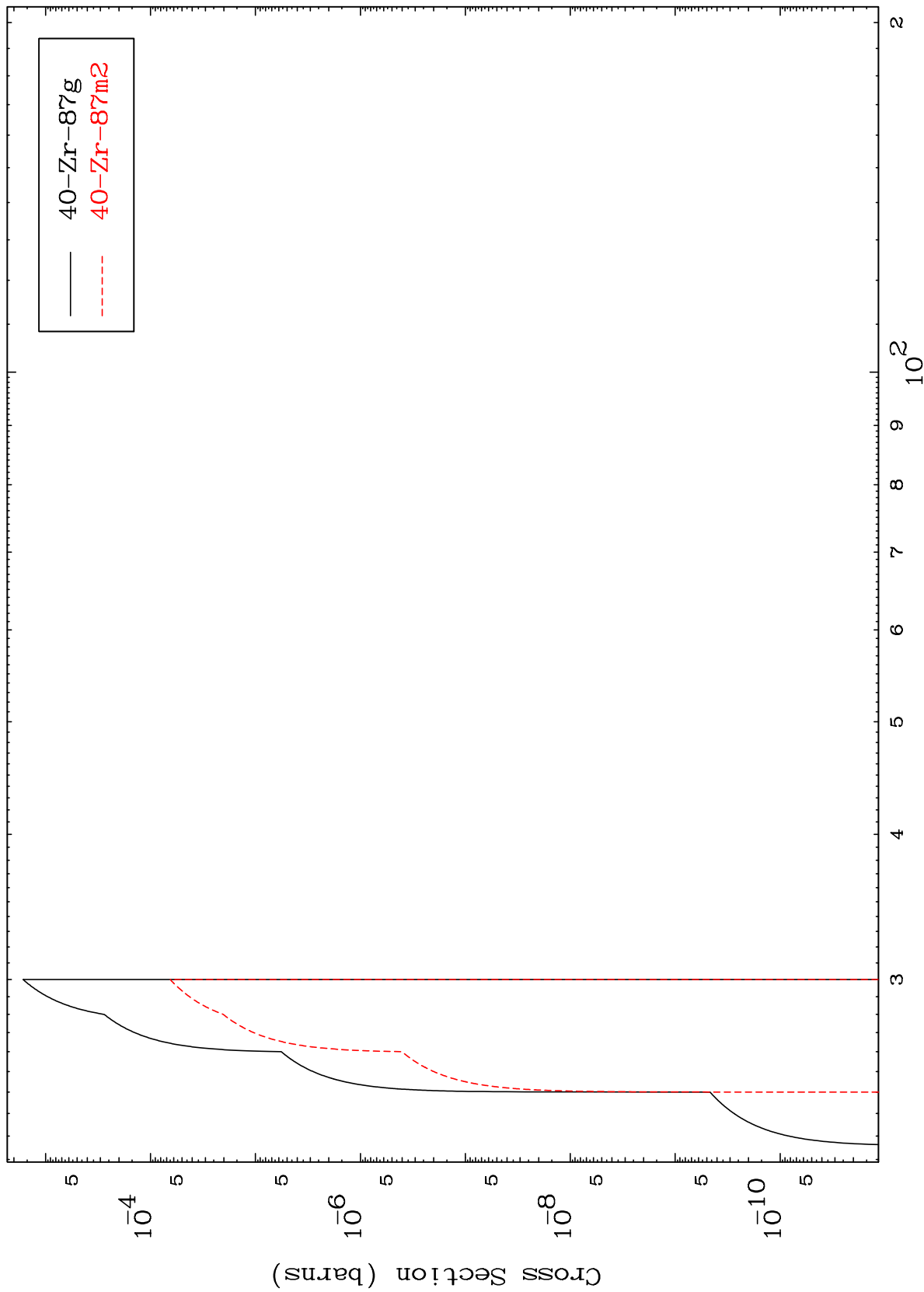
12

MAT 4023

(n,2n) d

40-Zr-89m

Radionuclide Production Cross Section



13

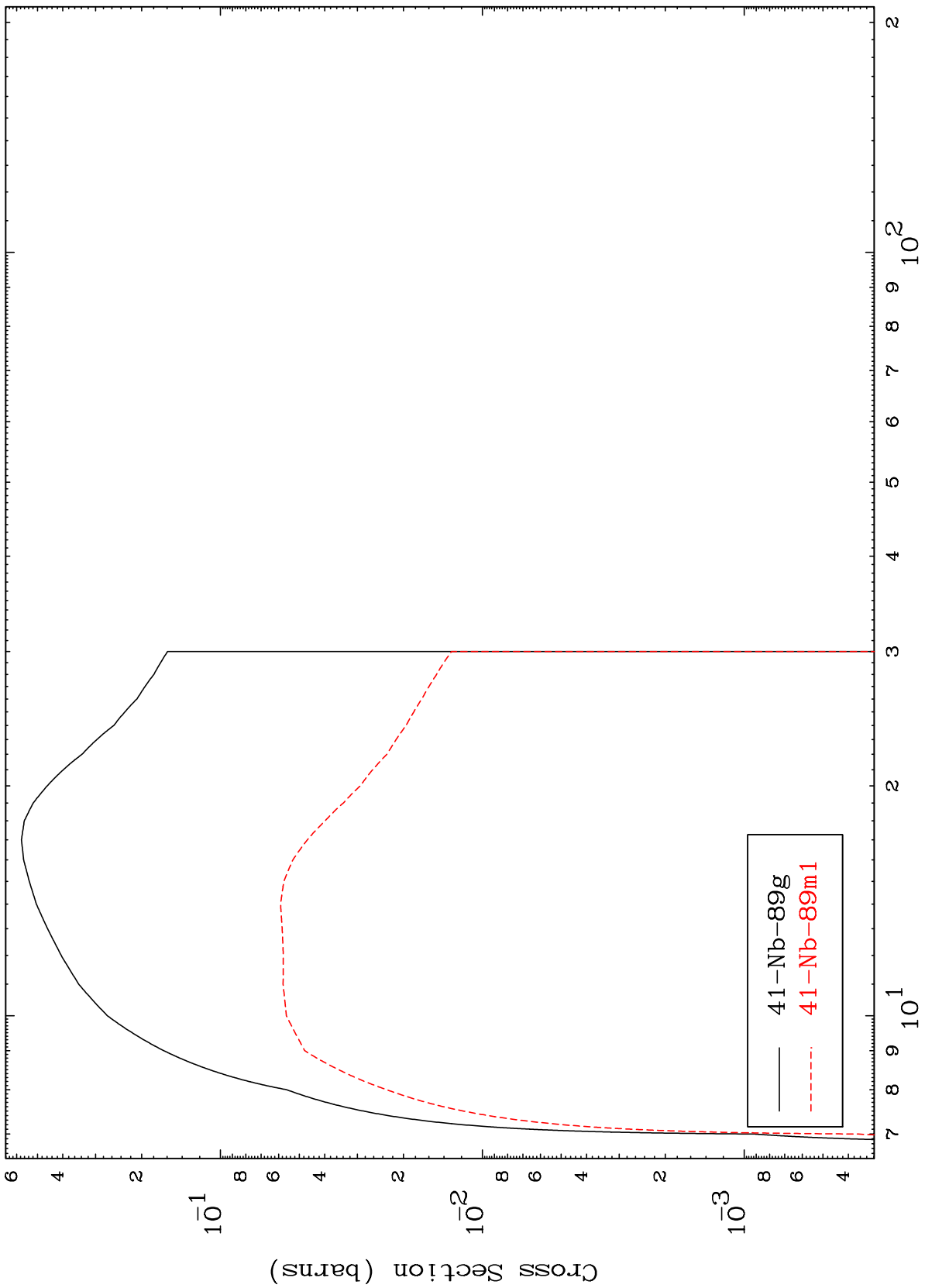
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

Radionuclide Production Cross Section  
(n,2n)



40-Zr-89m

Incident Energy (MeV)

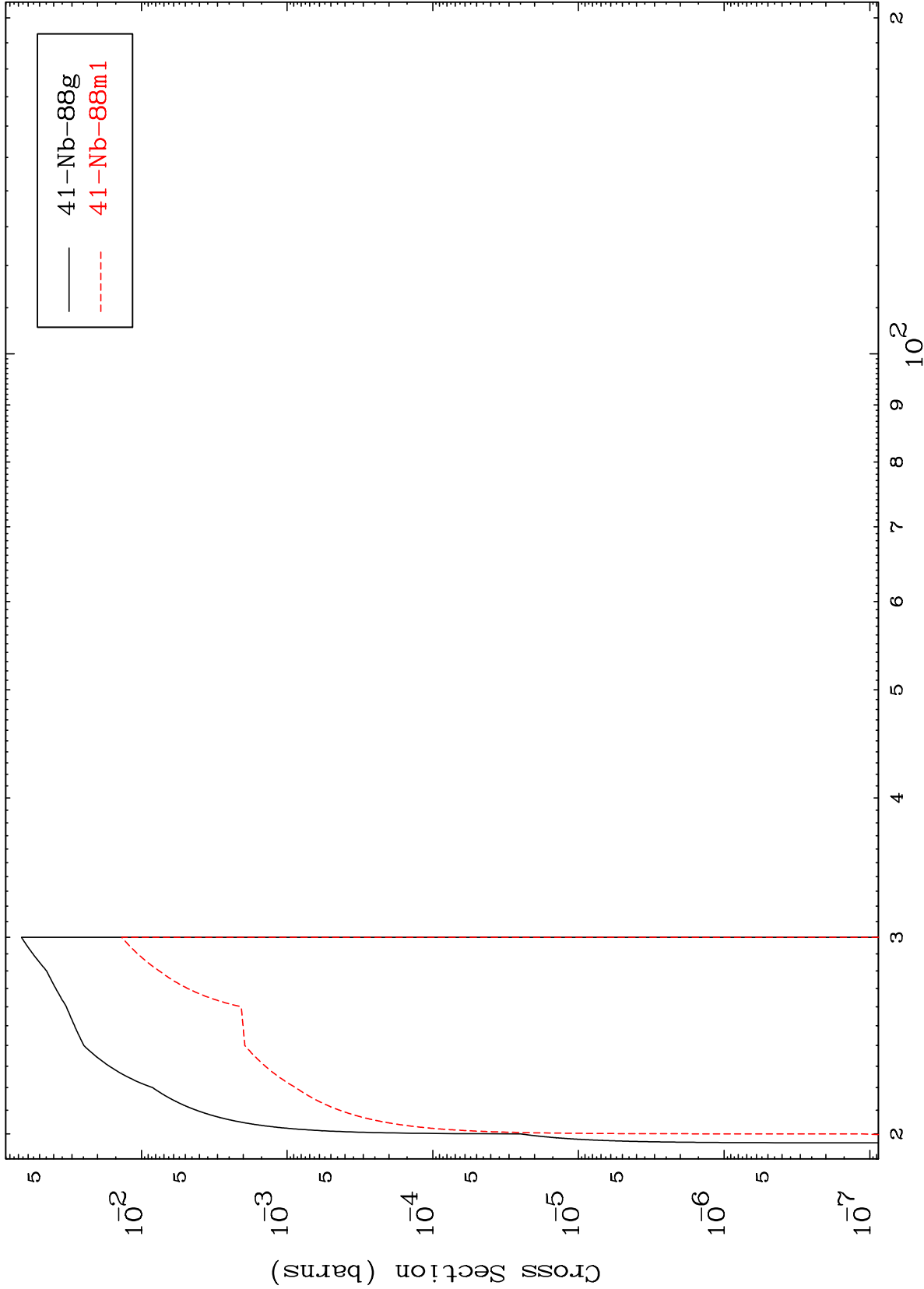
14

MAT 4023

(n,3n)

40-Zr-89m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

40-Zr-89m

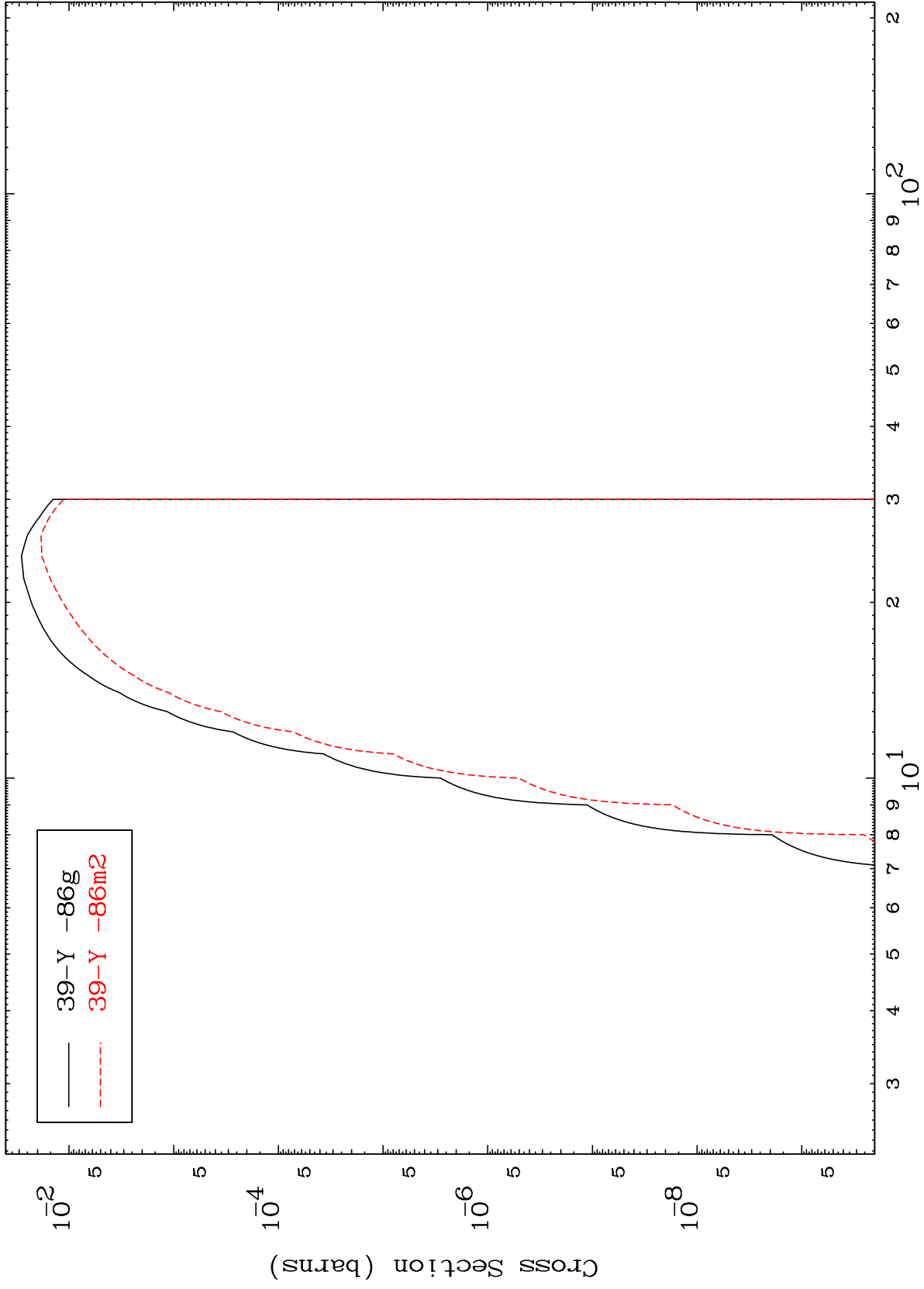


MAT 4023

40-Zr-89m

(n,n')  $\alpha$

Radionuclide Production Cross Section



40-Zr-89m

Incident Energy (MeV)

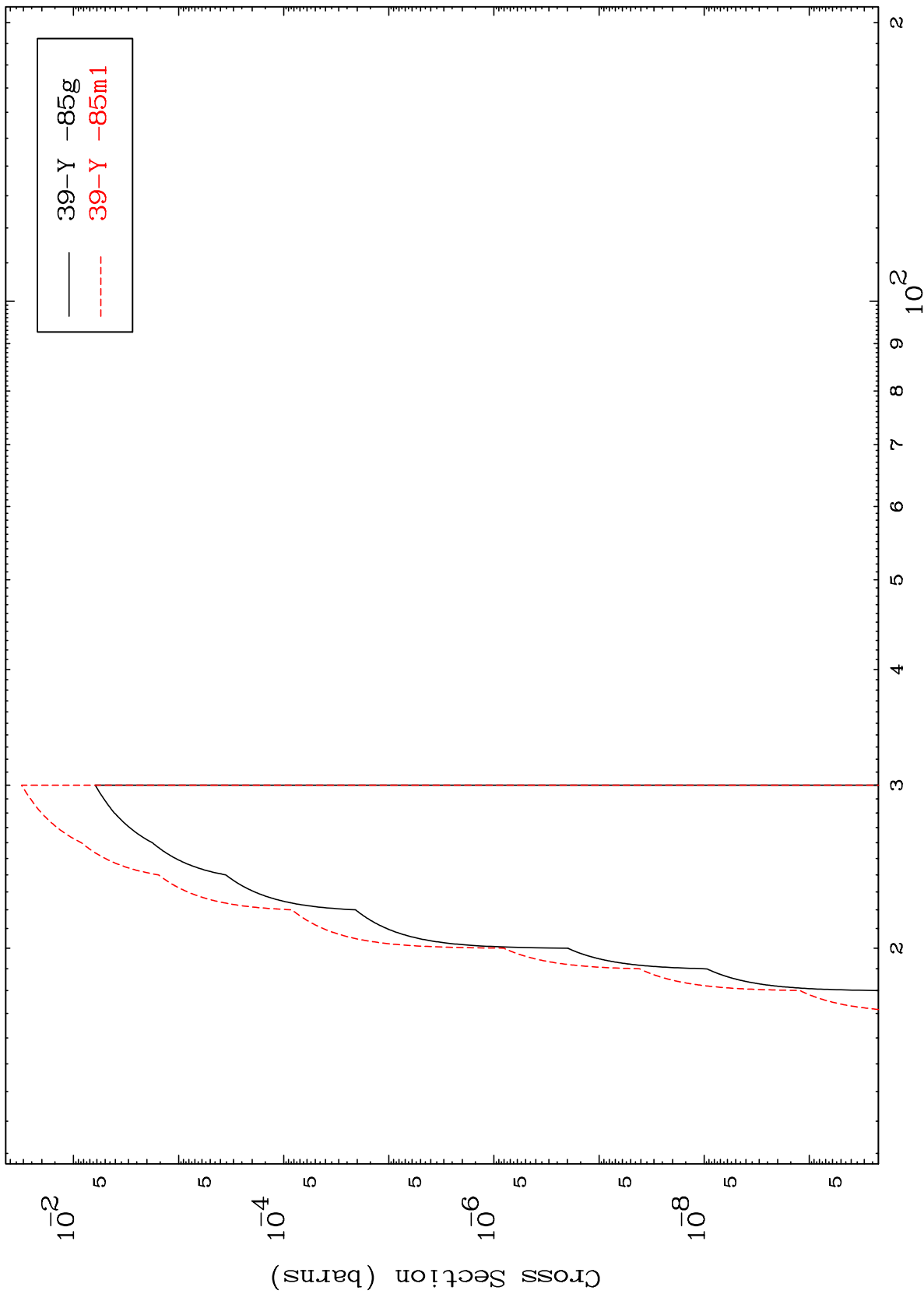
16

MAT 4023

$(n,2n) \alpha$

40-Zr-89m

Radionuclide Production Cross Section



17

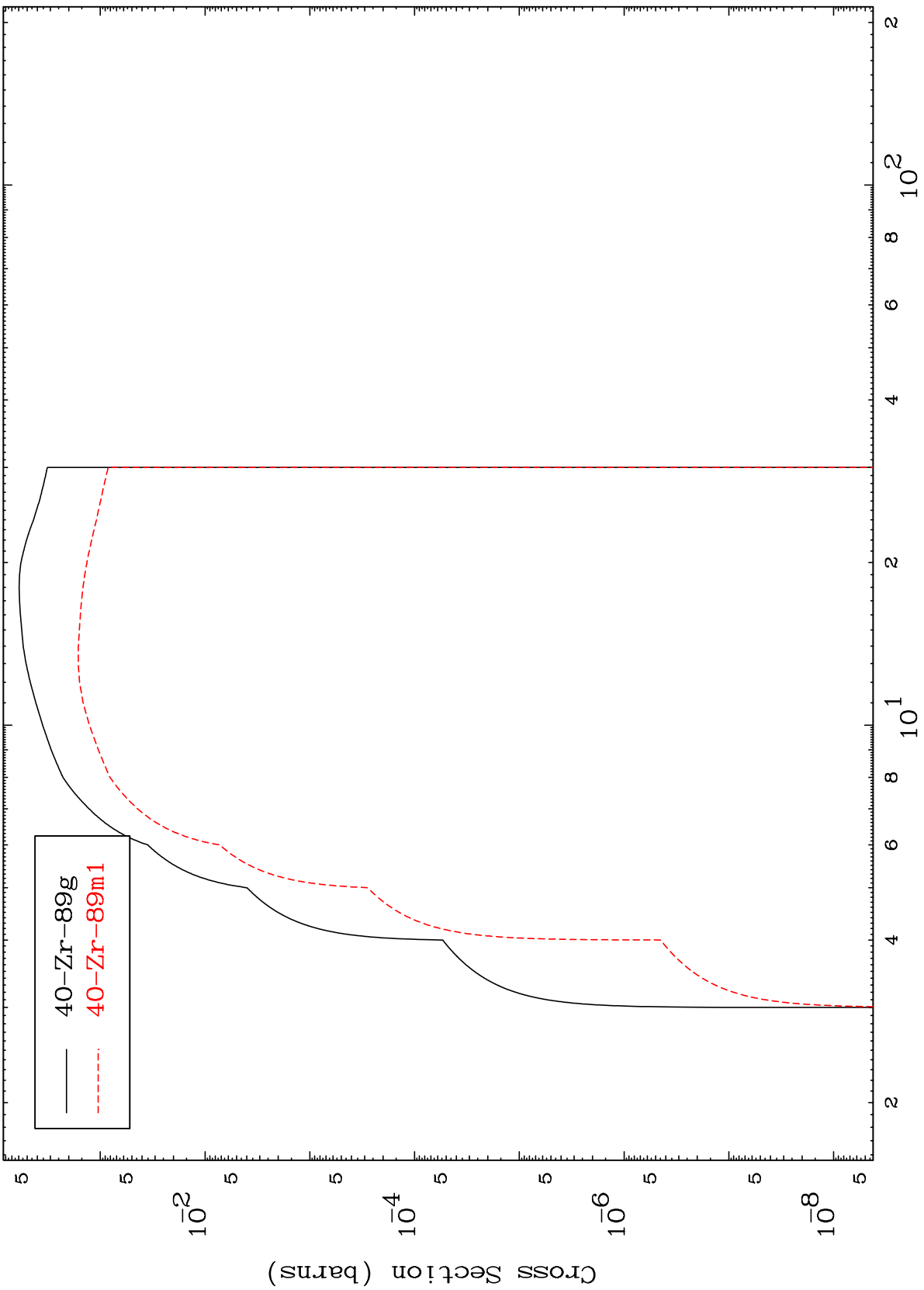
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

(n,n') p  
Radionuclide Production Cross Section



40-Zr-89m

Incident Energy (MeV)

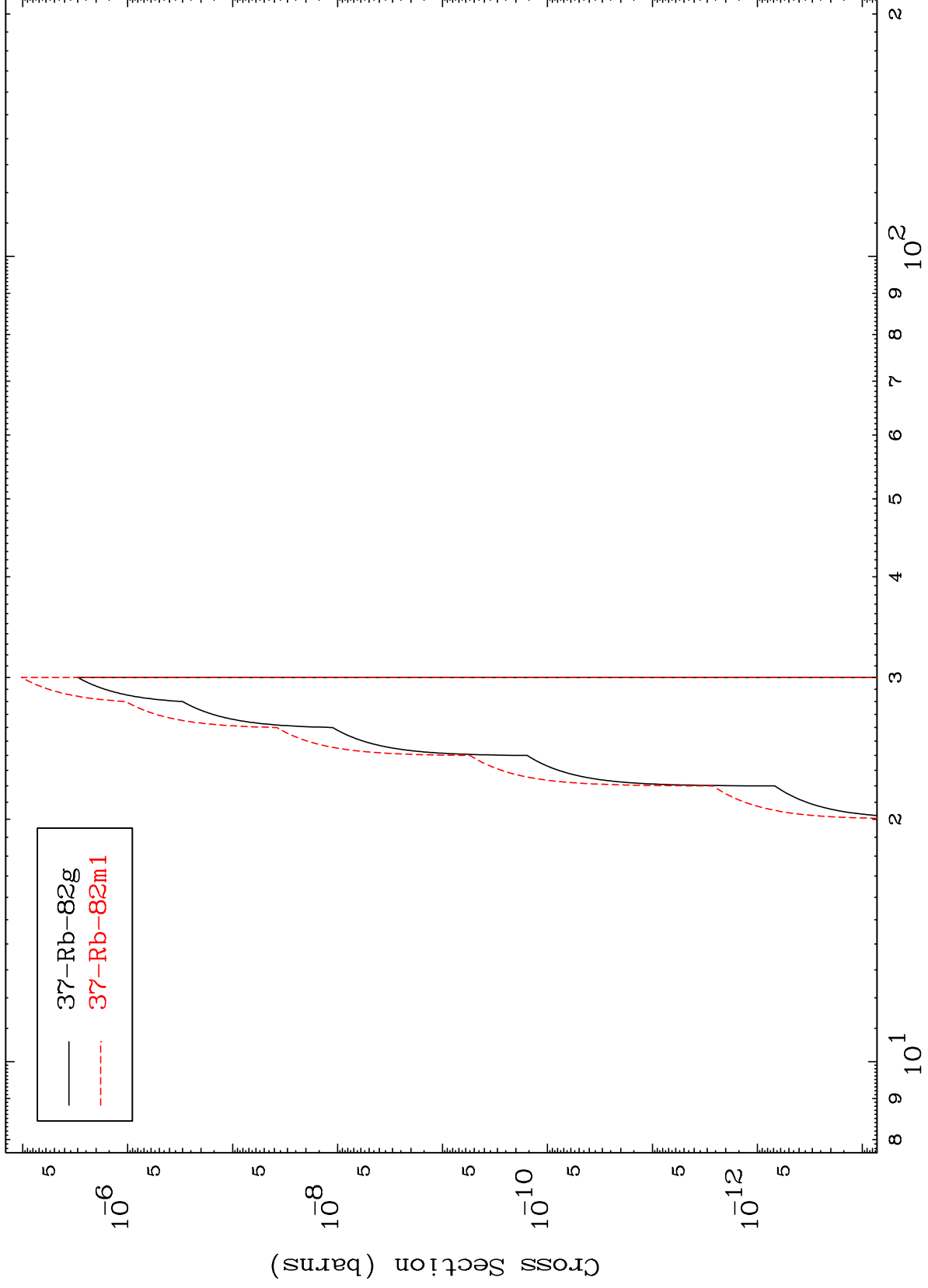
18

MAT 4023

(n,n') 2α

40-Zr-89m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

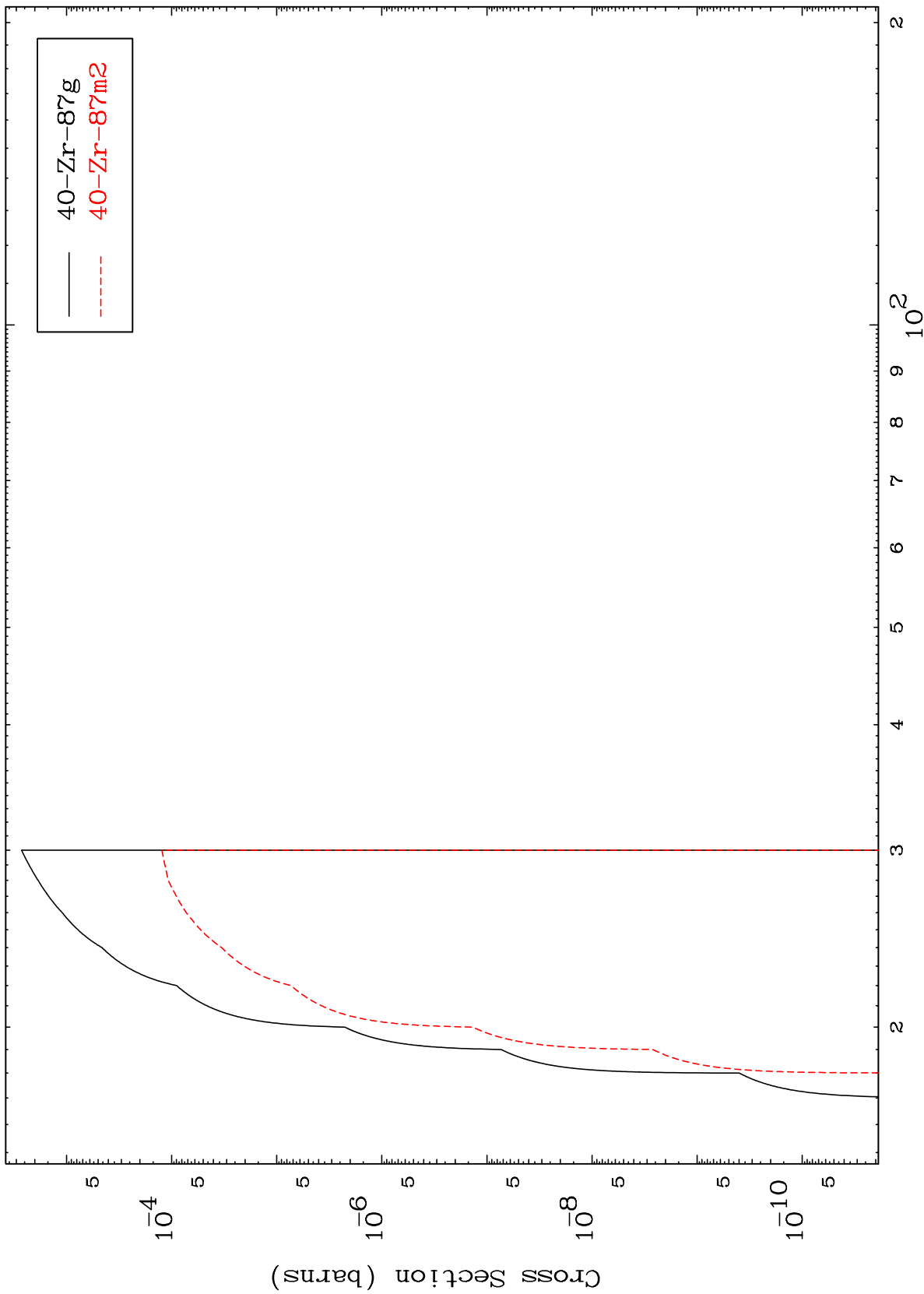
40-Zr-89m

MAT 4023

(n,n') t

40-Zr-89m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

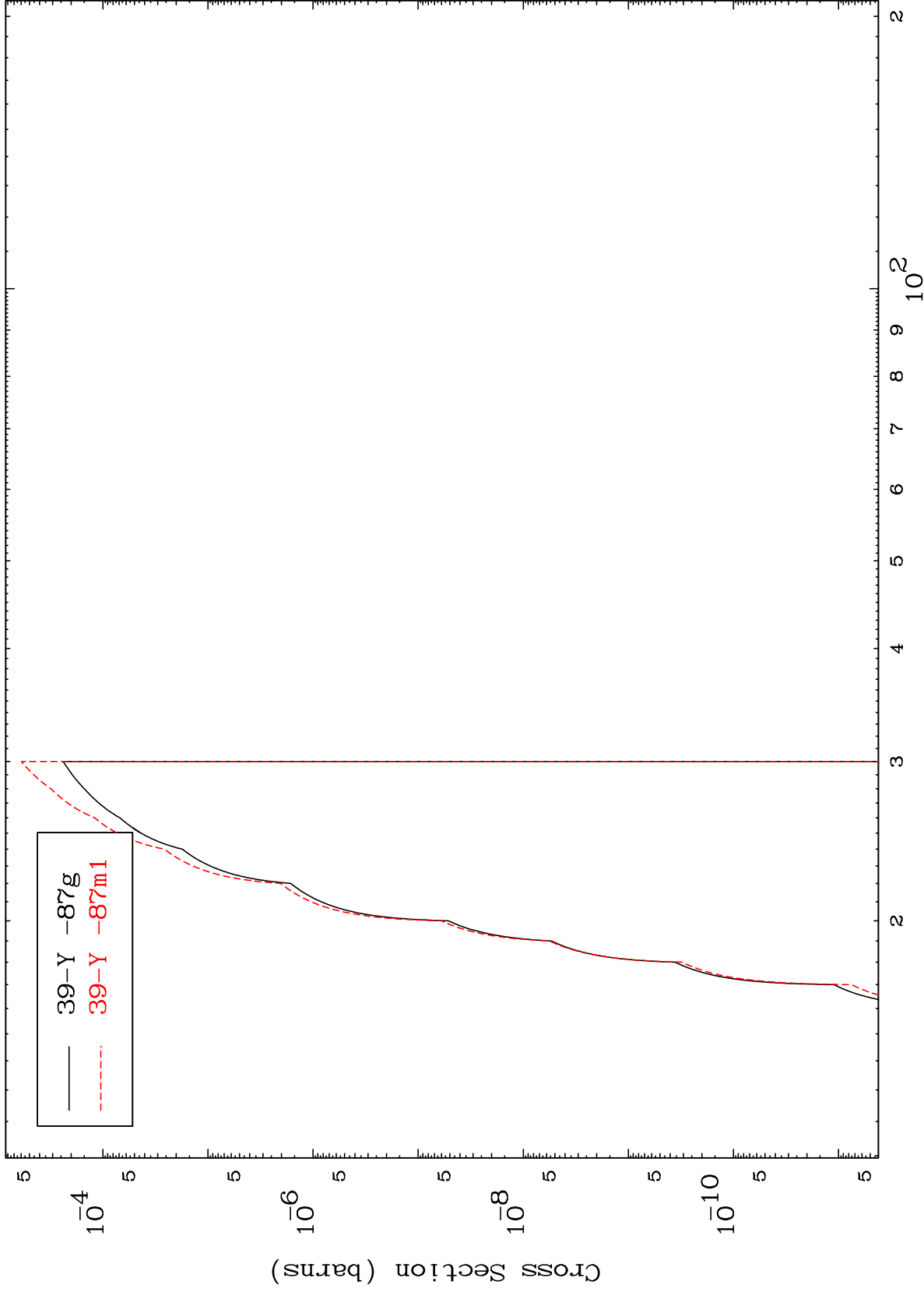
40-Zr-89m

MAT 4023

(n,n') He-3

40-Zr-89m

Radionuclide Production Cross Section

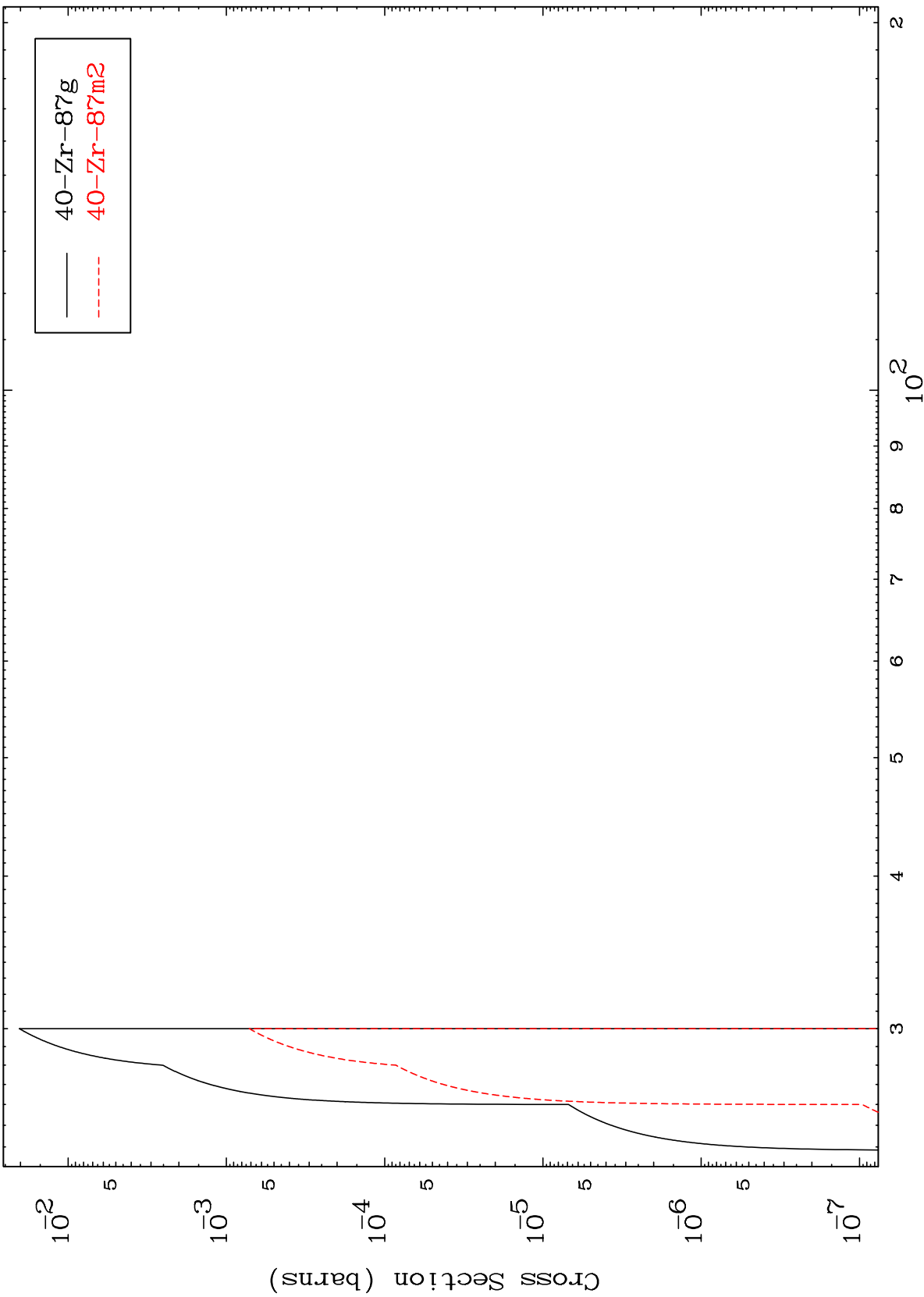


21

Incident Energy (MeV)

40-Zr-89m

Radionuclide Production Cross Section

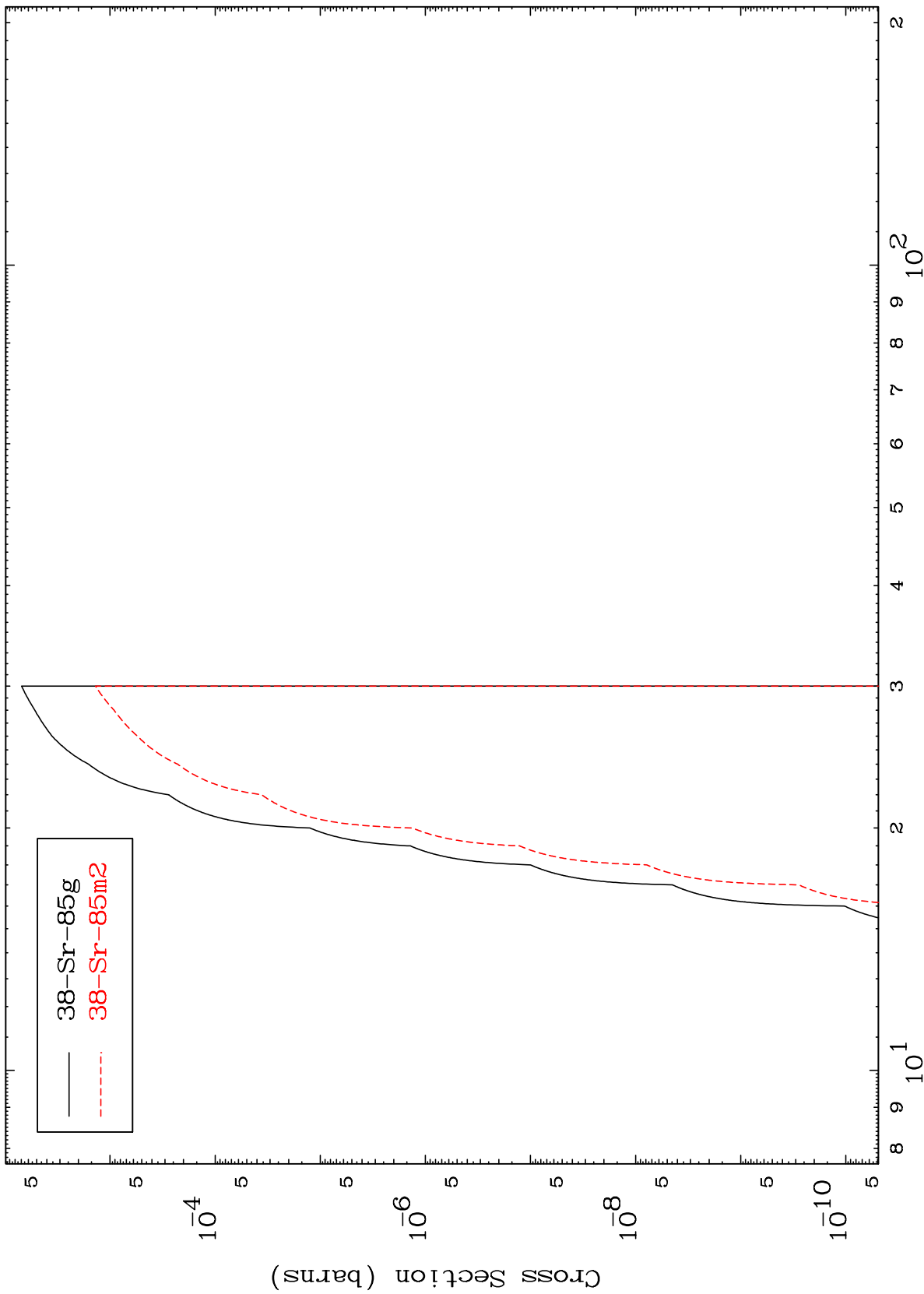


MAT 4023

(n,n') p  $\alpha$

40-Zr-89m

Radionuclide Production Cross Section



Incident Energy (MeV)

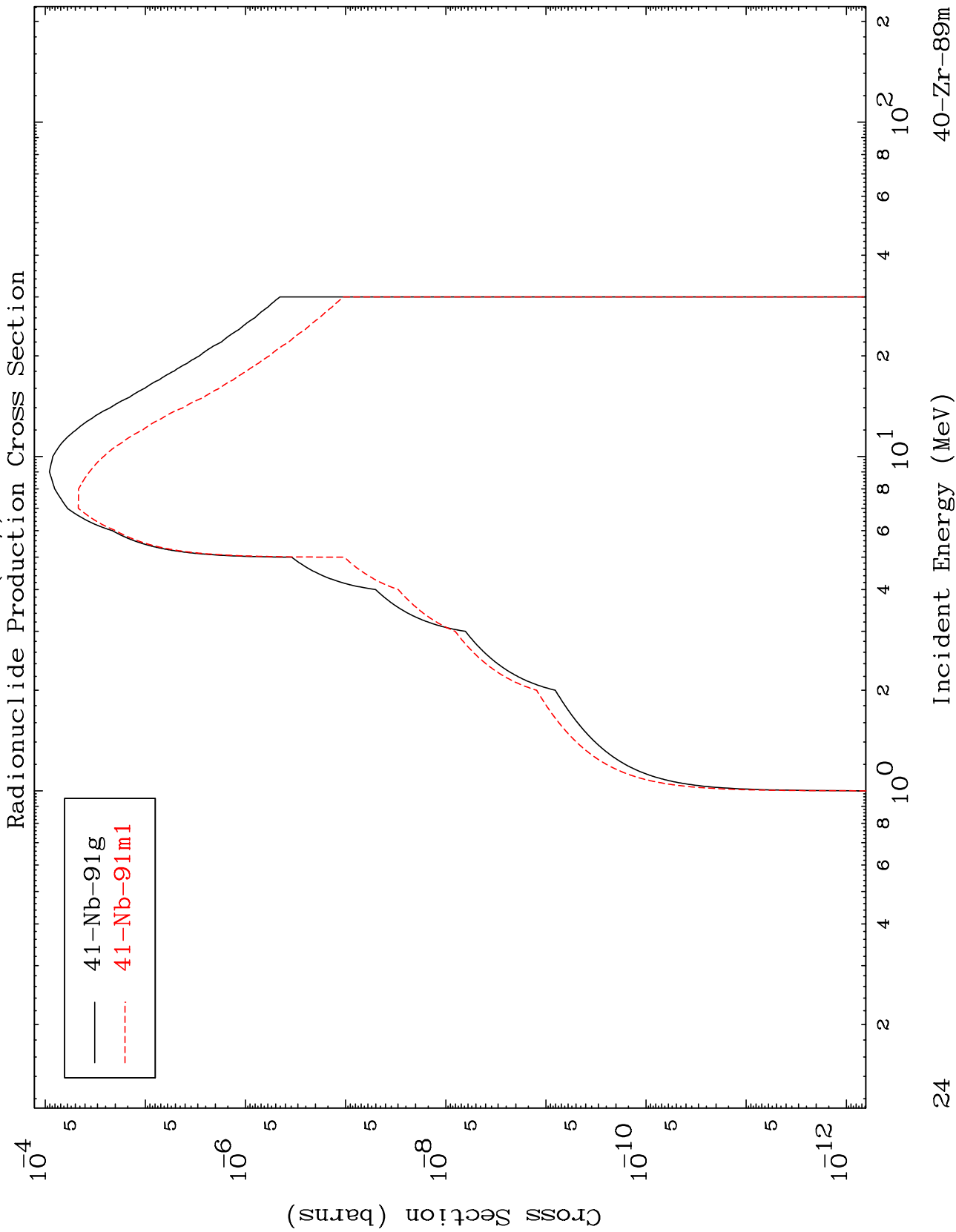
40-Zr-89m

23



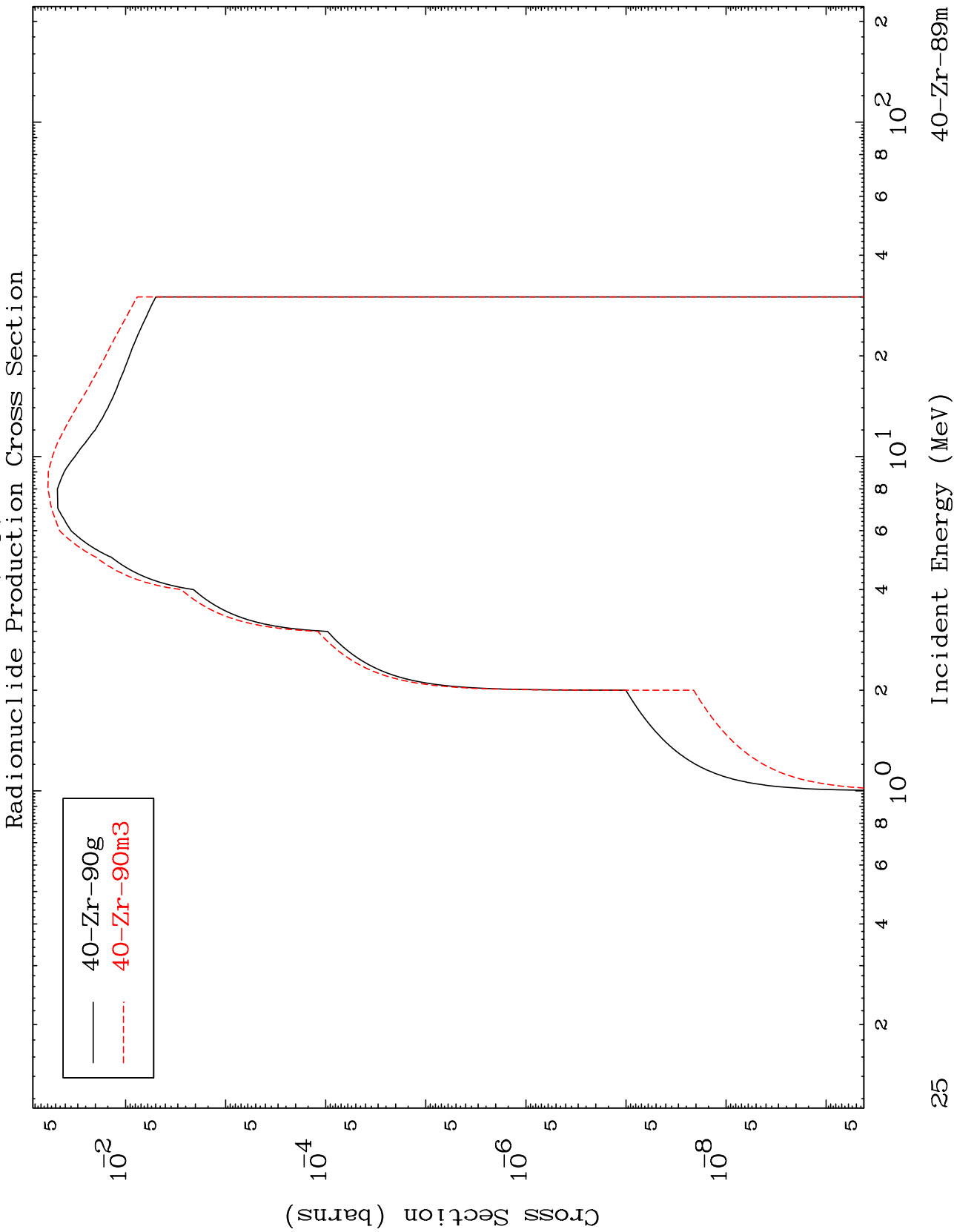
MAT 4023

40-Zr-89m

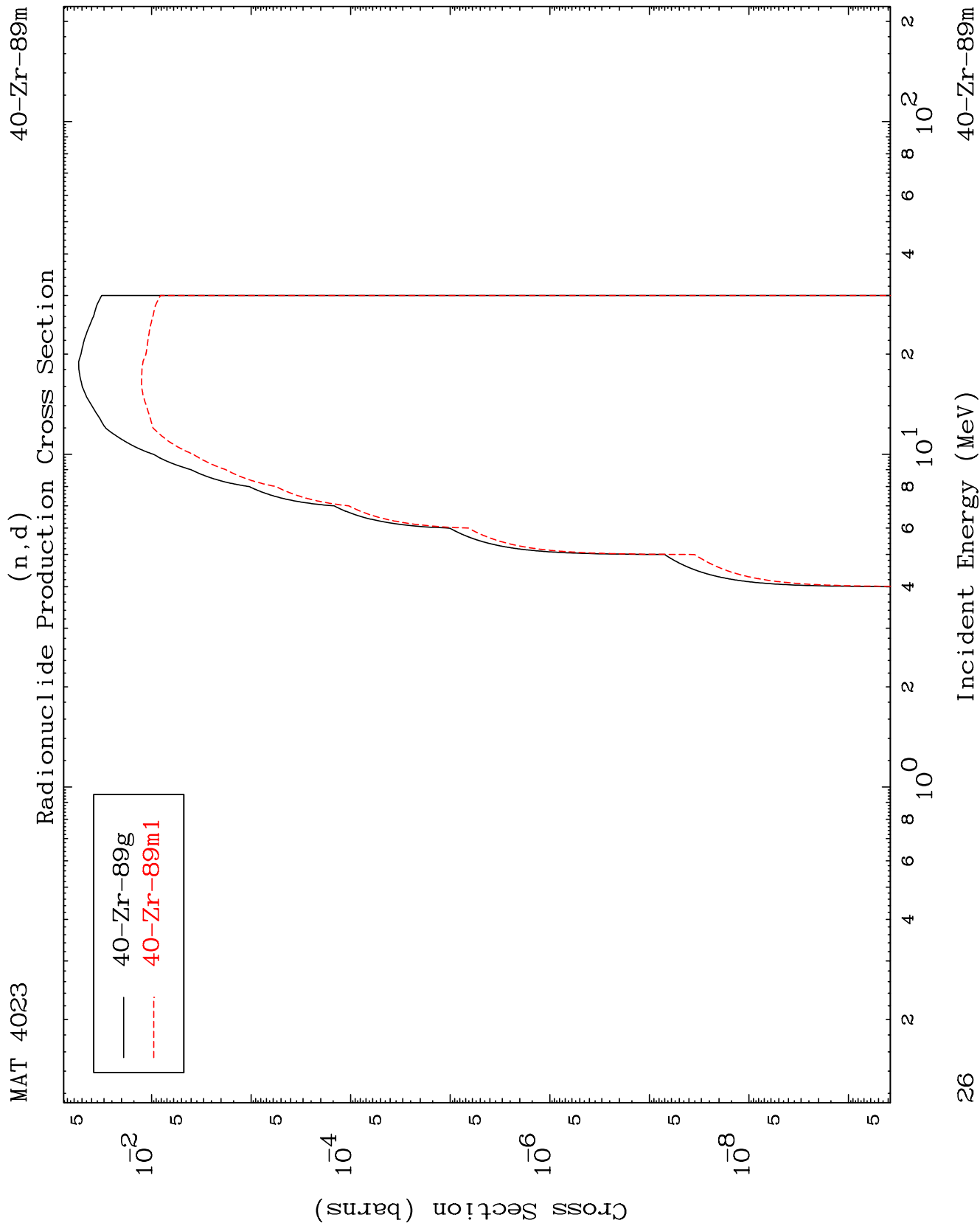


MAT 4023

40-Zr-89m

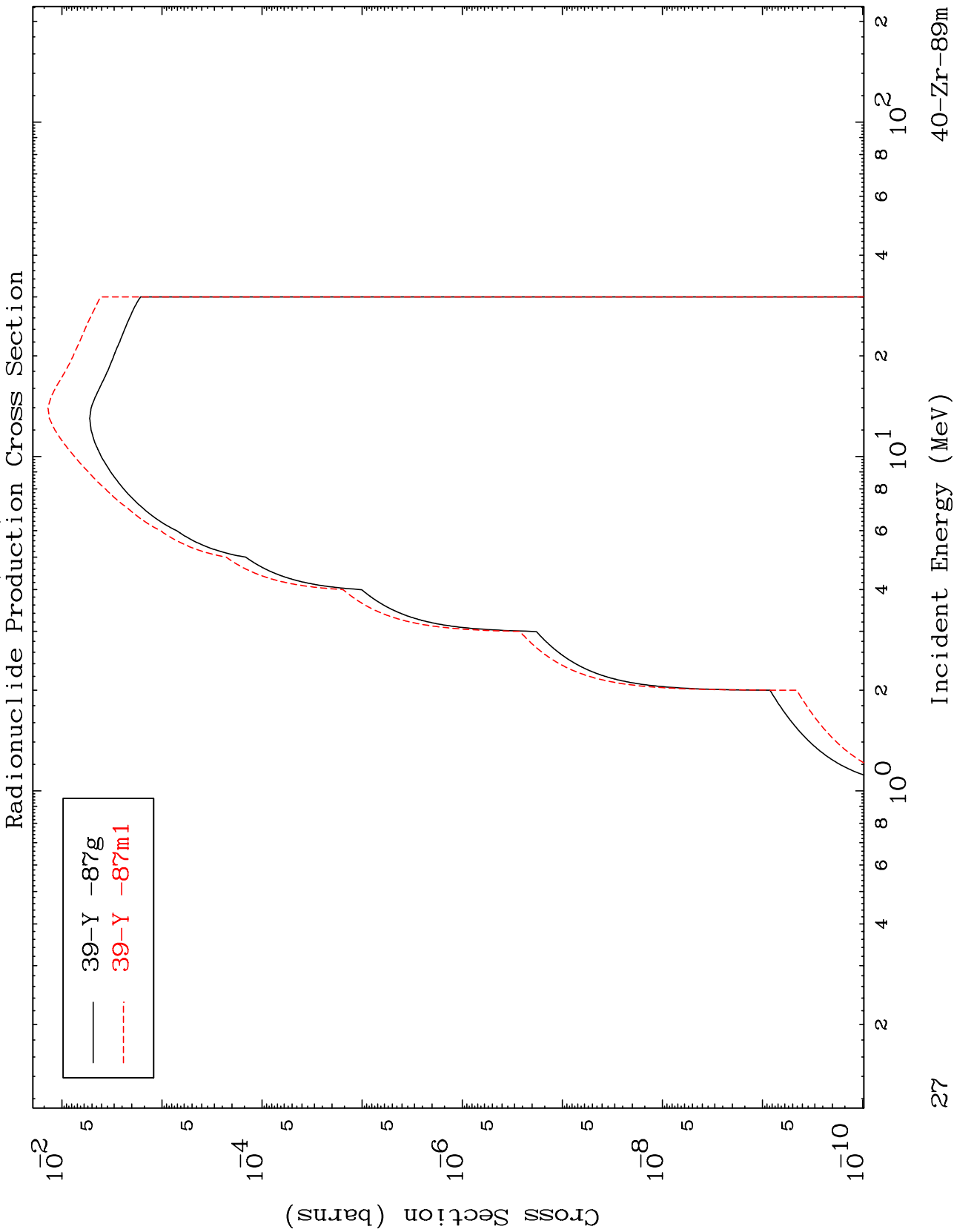


MAT 4023



MAT 4023

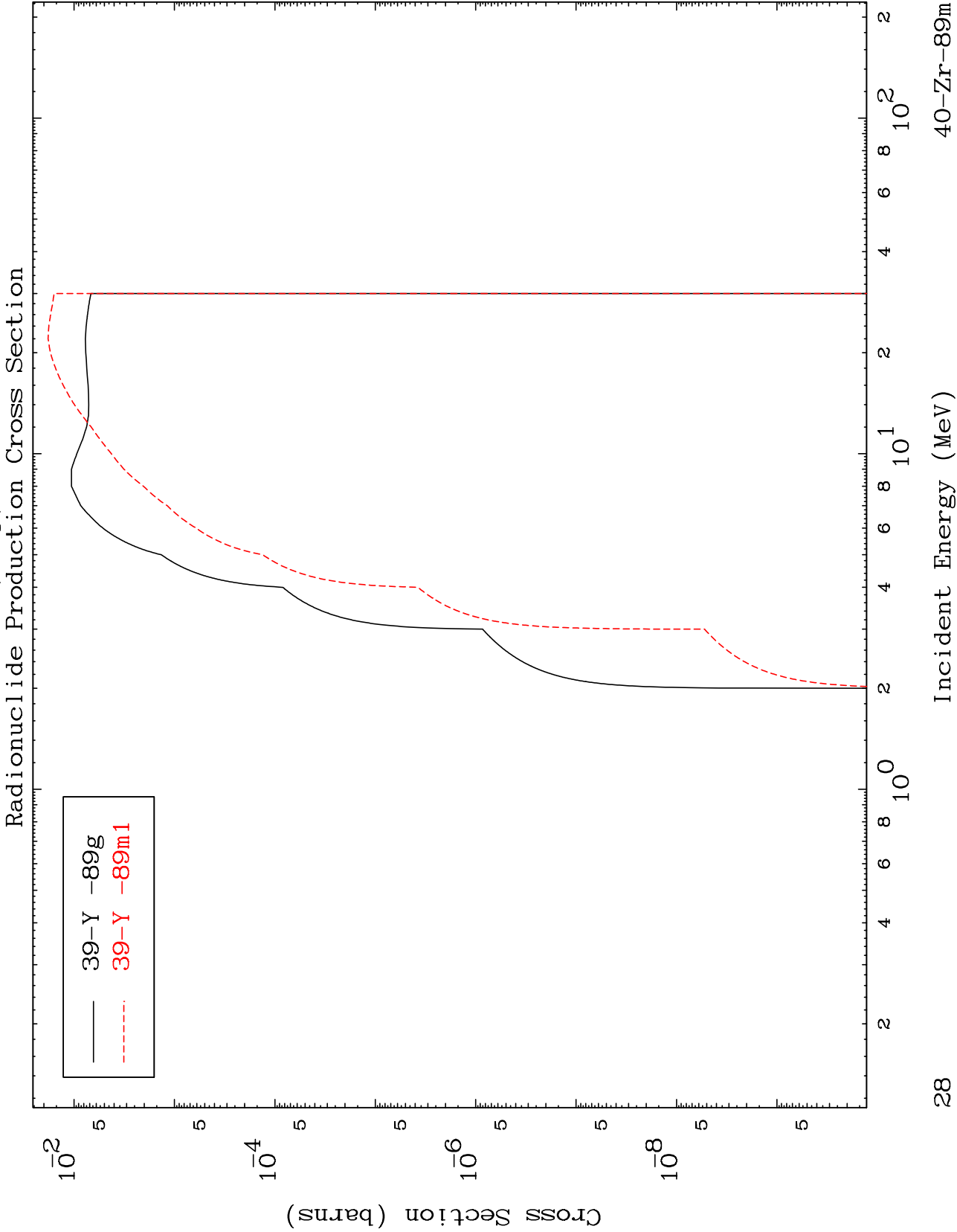
40-Zr-89m



MAT 4023

(n,2p)

40-Zr-89m

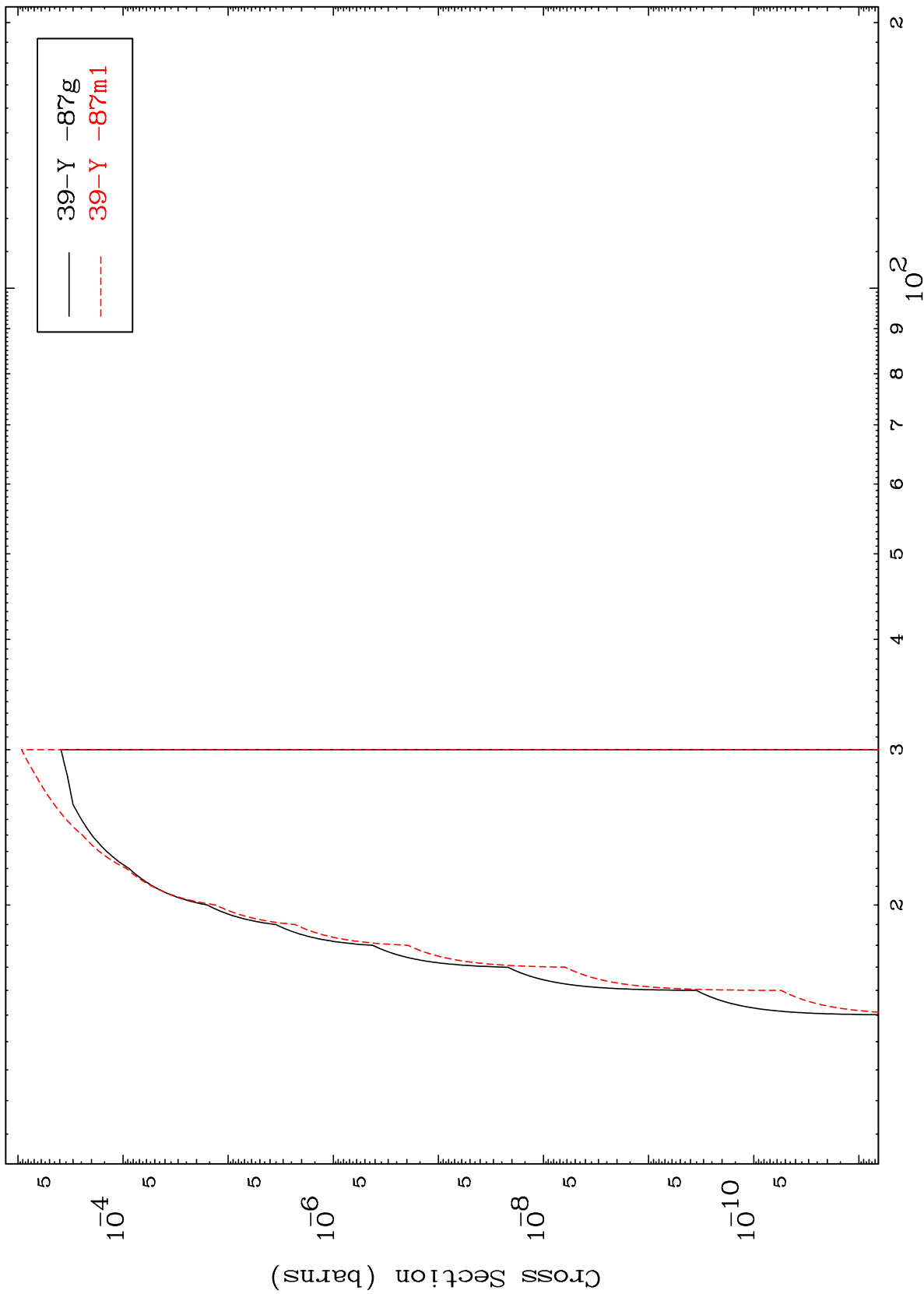


MAT 4023

(n,p) t

40-Zr-89m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

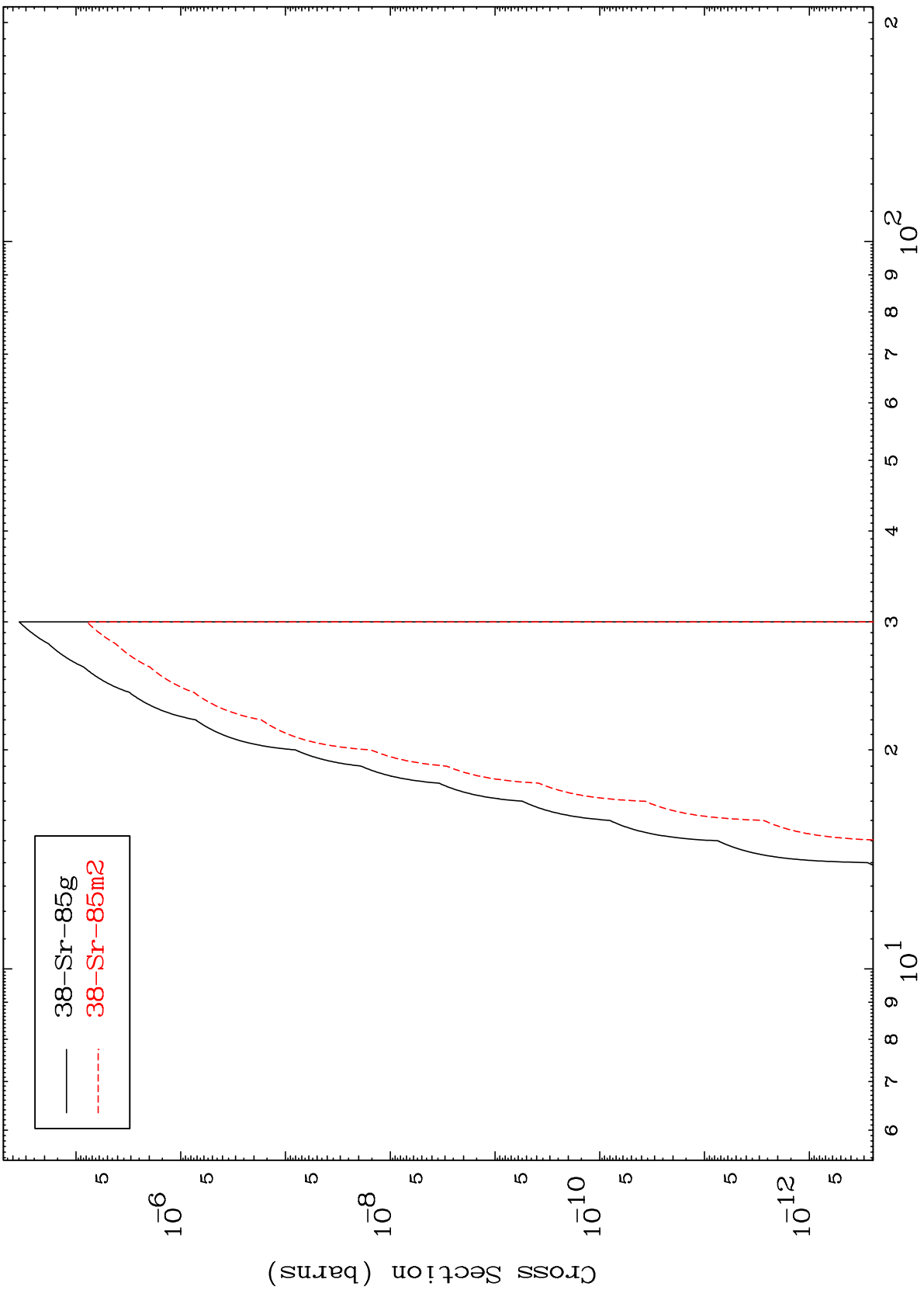
40-Zr-89m

MAT 4023

(n,d)  $\alpha$

40-Zr-89m

Radionuclide Production Cross Section



— 38-Sr-85g  
- - - 38-Sr-85m2

30

Incident Energy (MeV)

40-Zr-89m