

Program EVALPLOT  
(Version 2021-1)

by

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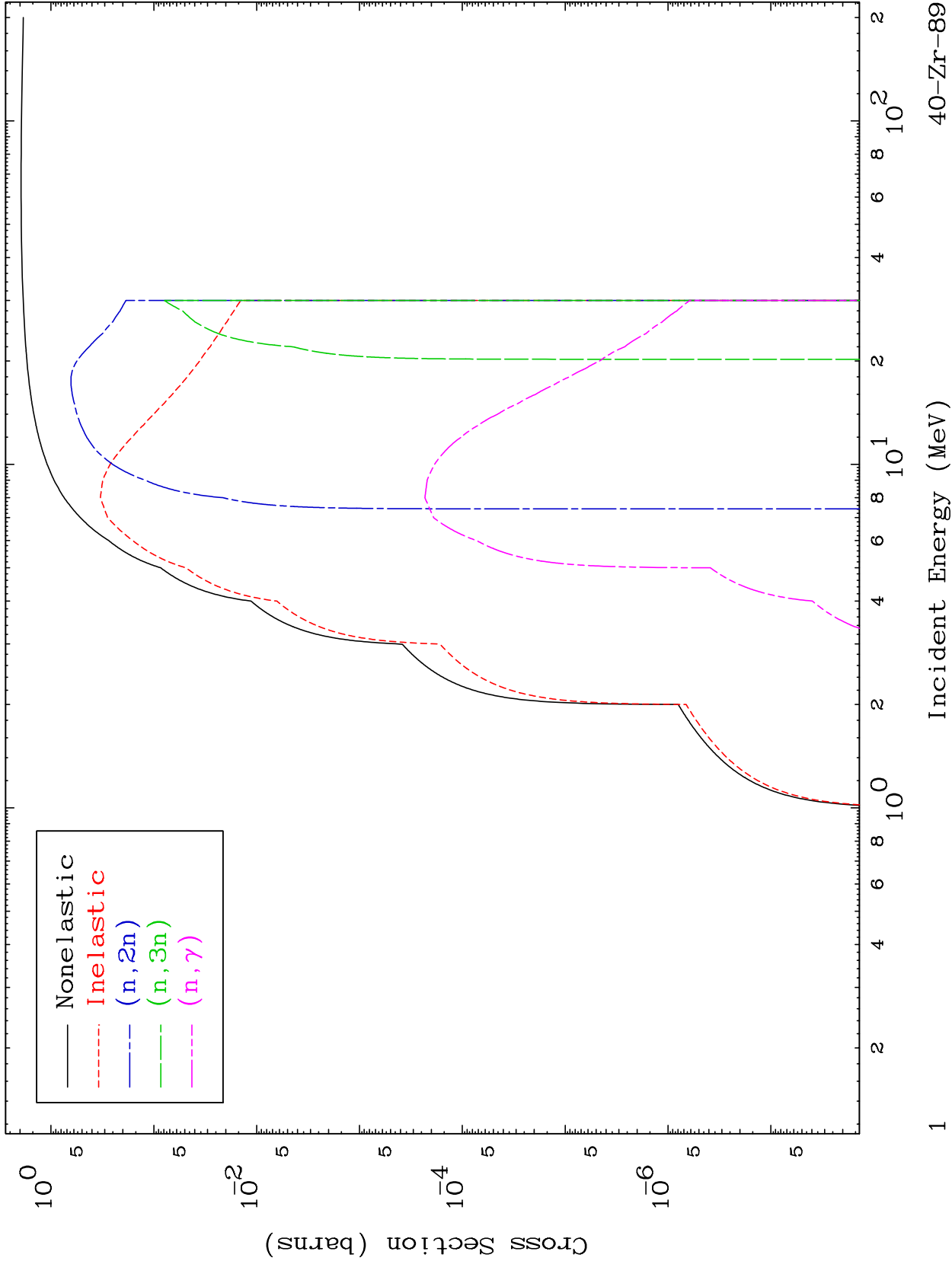
Press Mouse Button to Start

MAT 4022

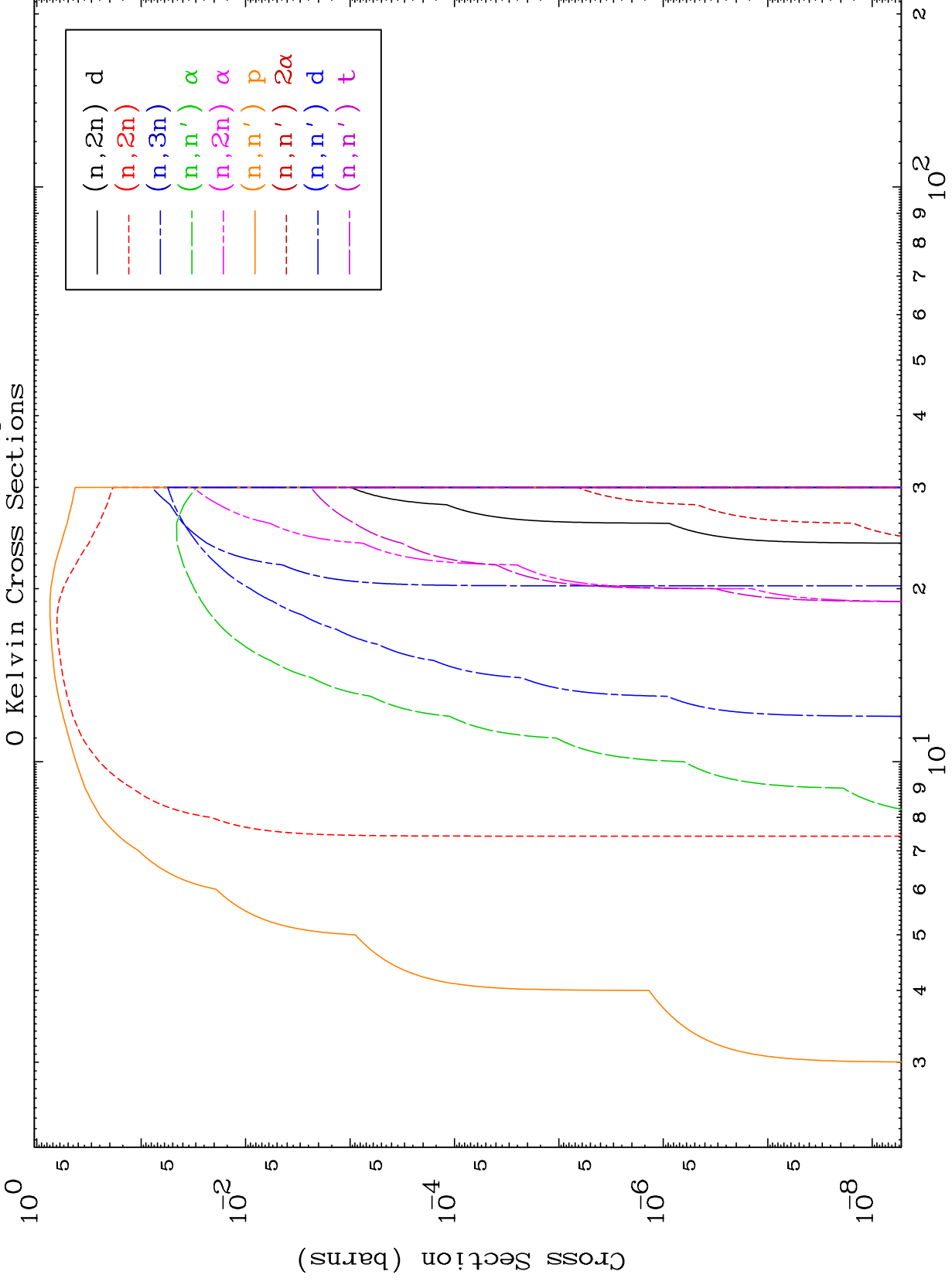
Deuteron Major

40-Zr-89

0 Kelvin Cross Sections



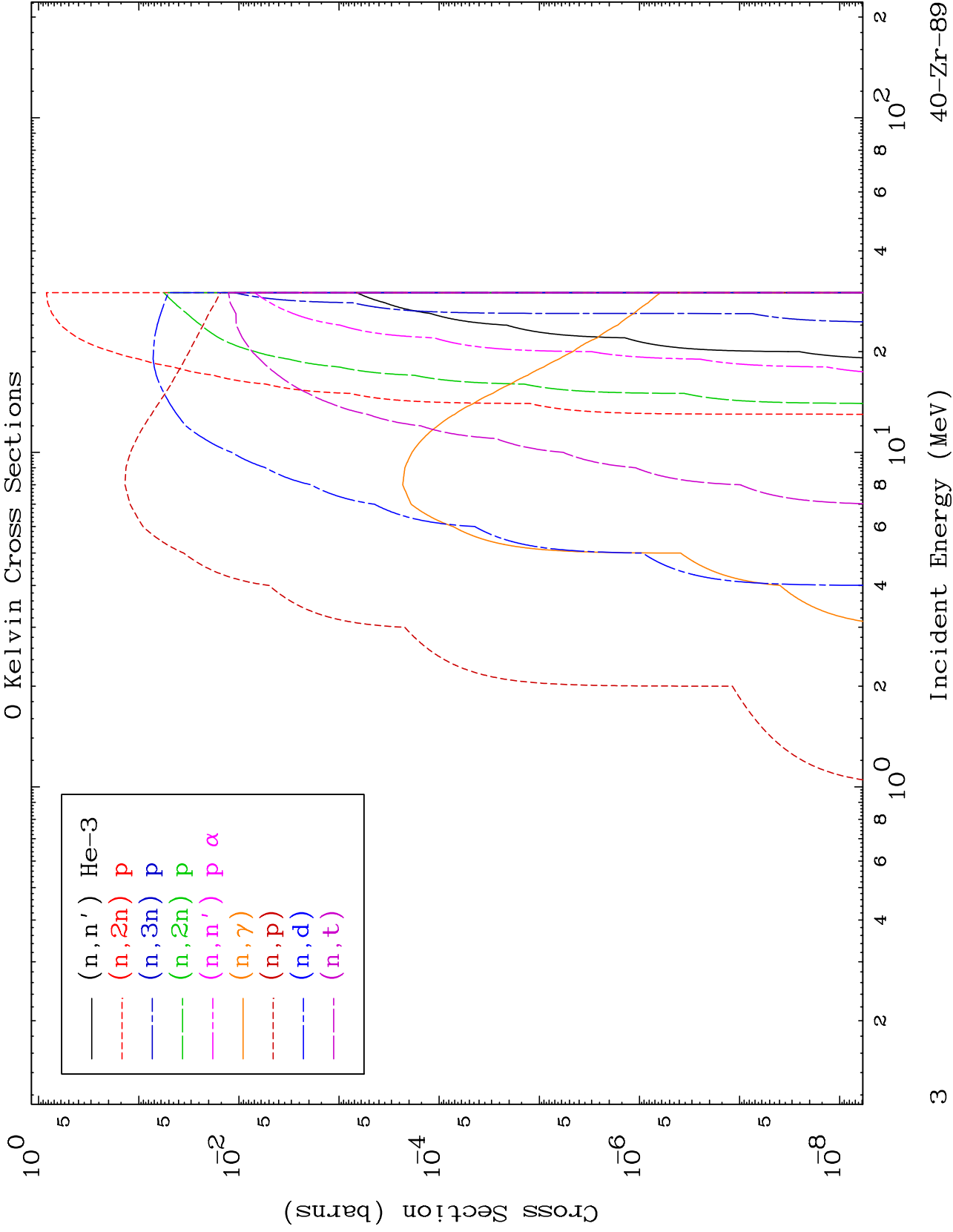
Deuteron Neutron Absorption  
0 Kelvin Cross Sections



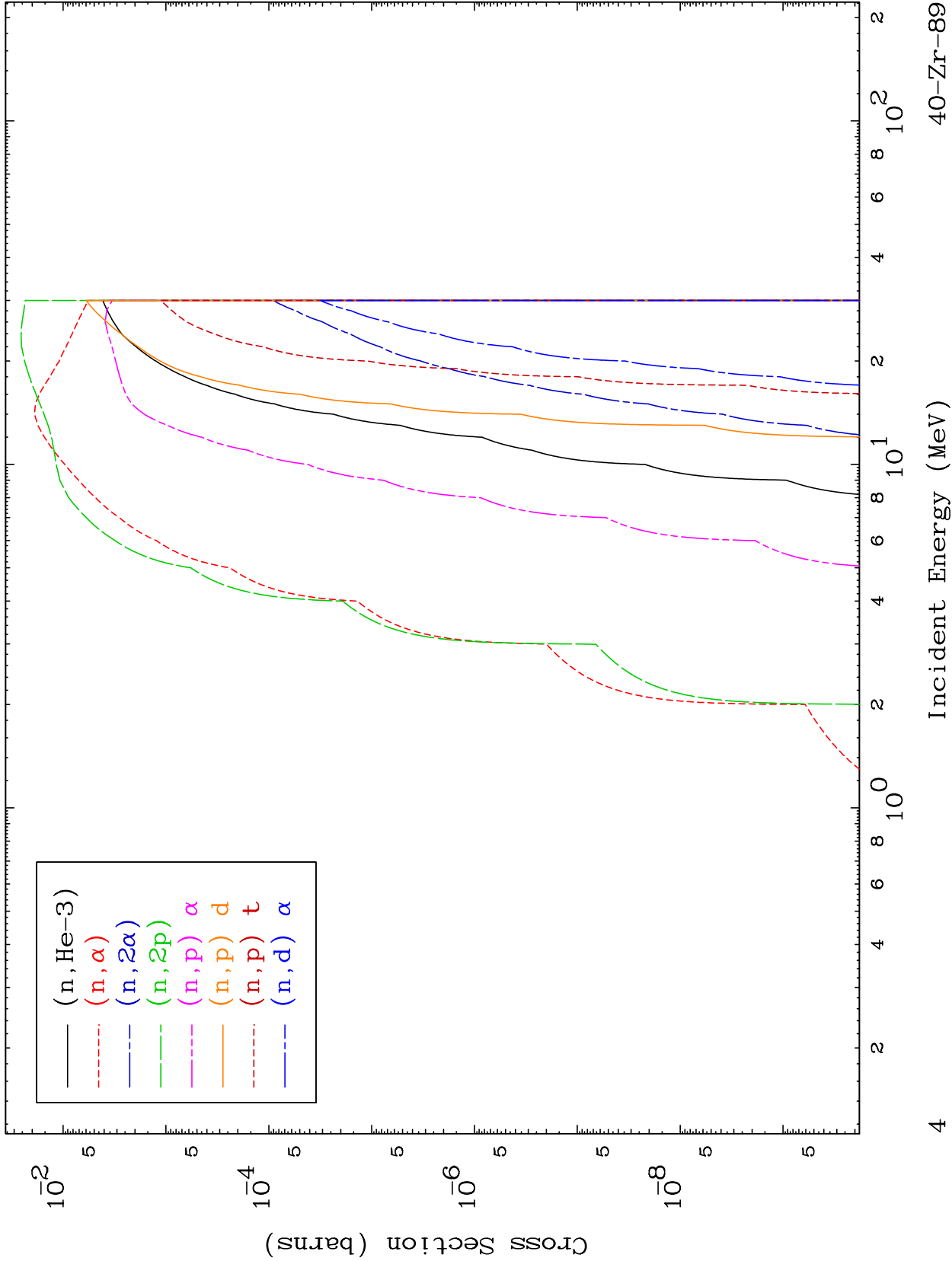
MAT 4022

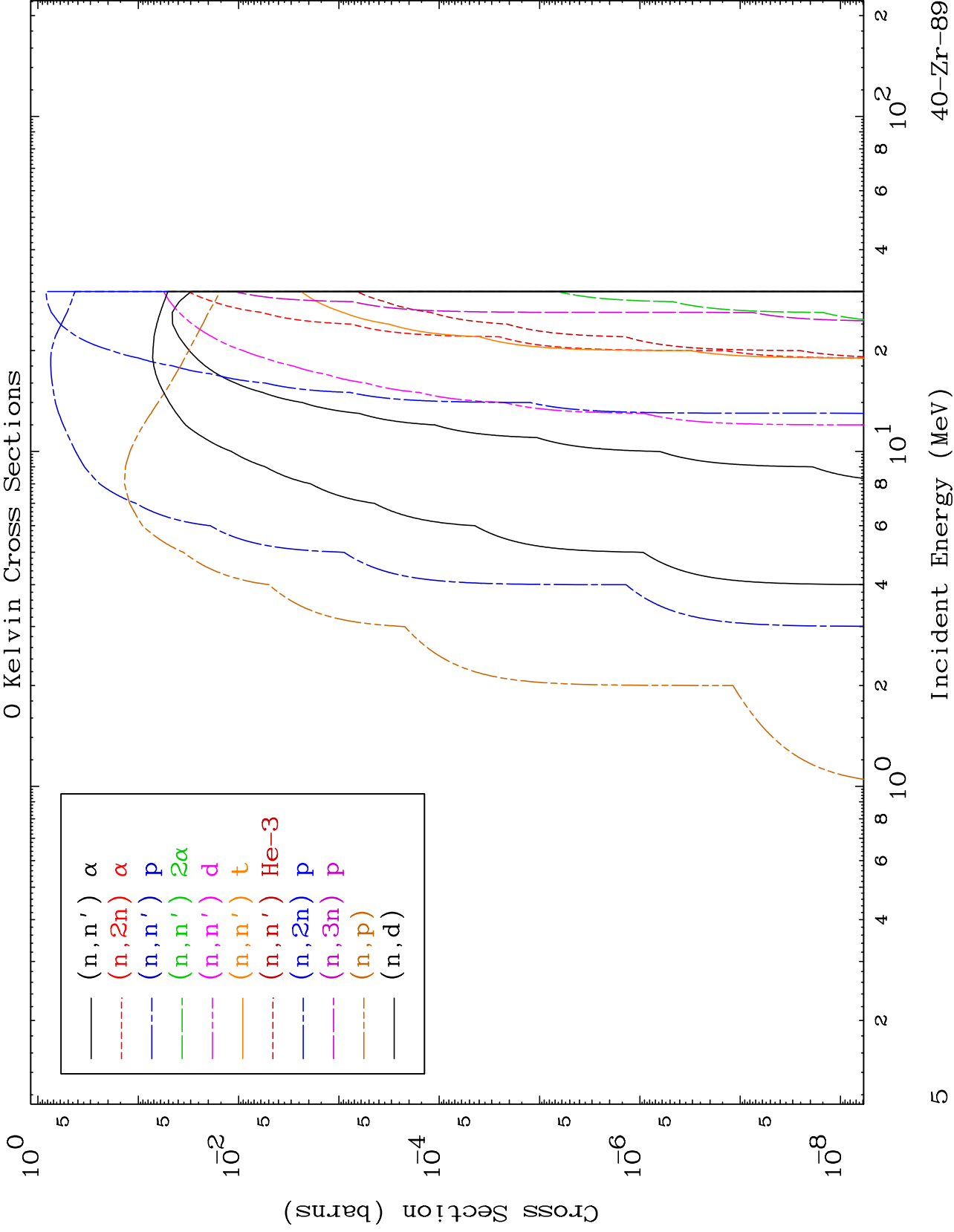
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

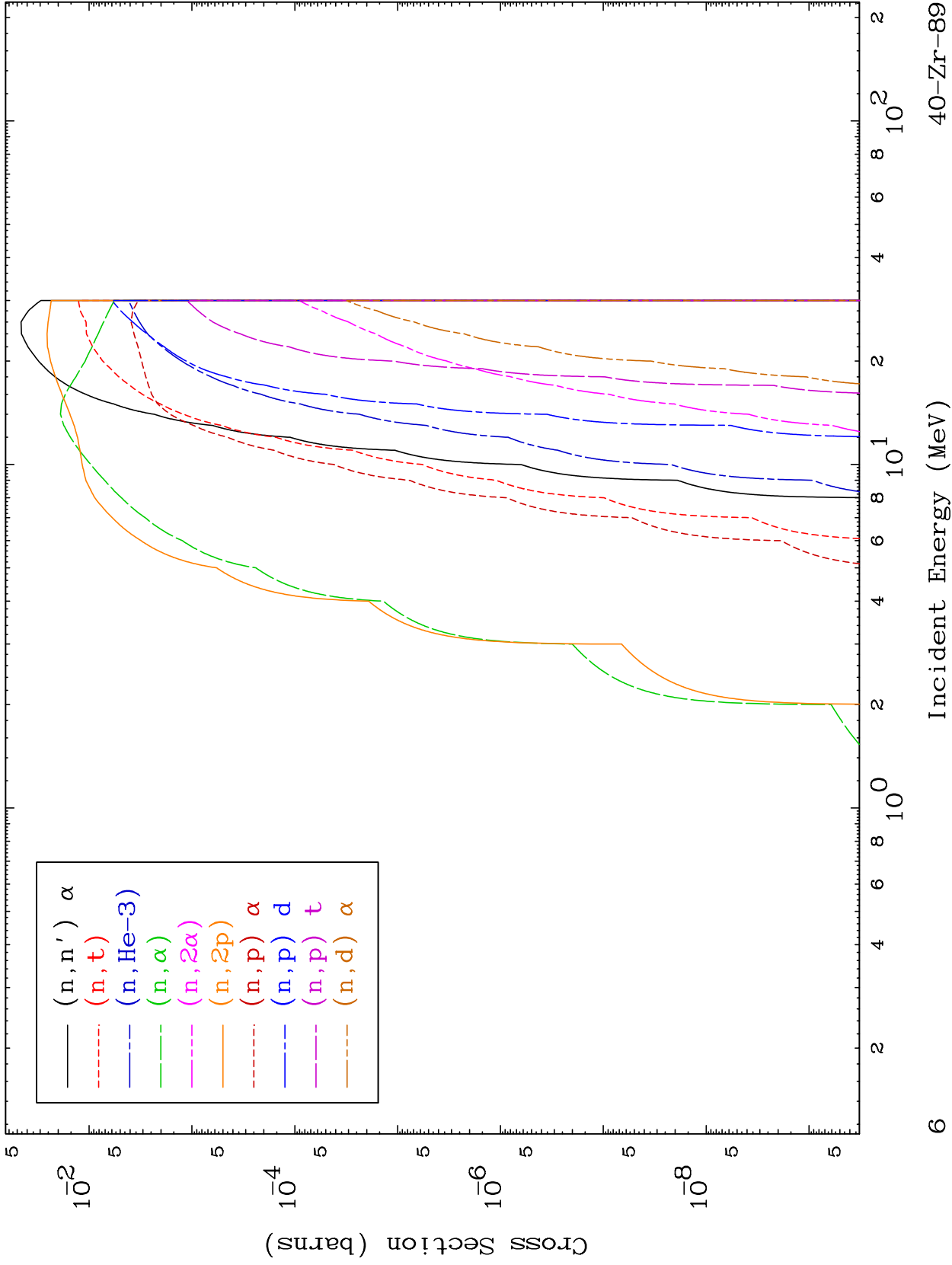
40-Zr-89



Deuteron Neutron Absorption  
0 Kelvin Cross Sections



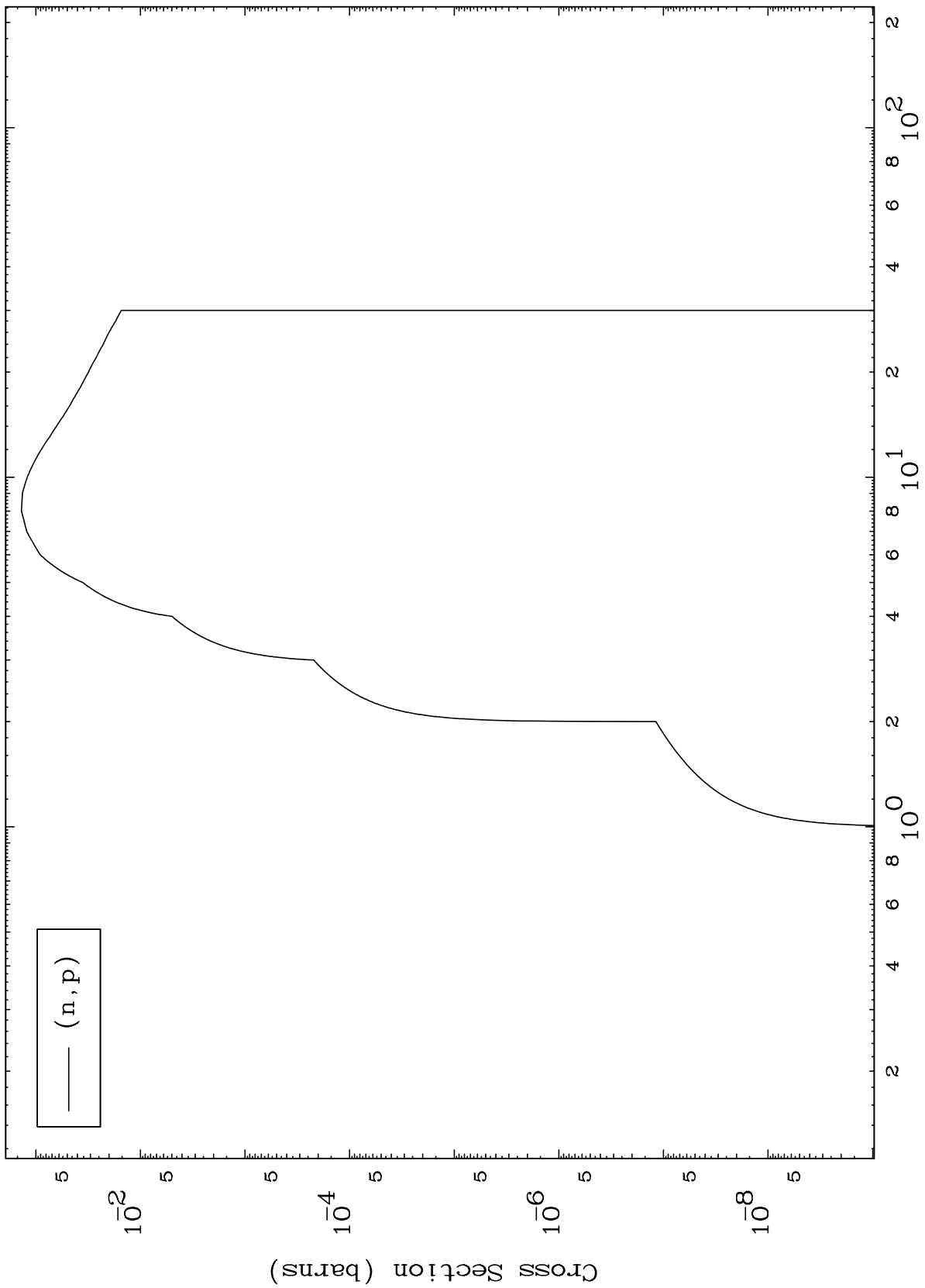




MAT 4022

40-Zr-89

(d,p) Levels  
0 Kelvin Cross Sections



40-Zr-89

Incident Energy (MeV)

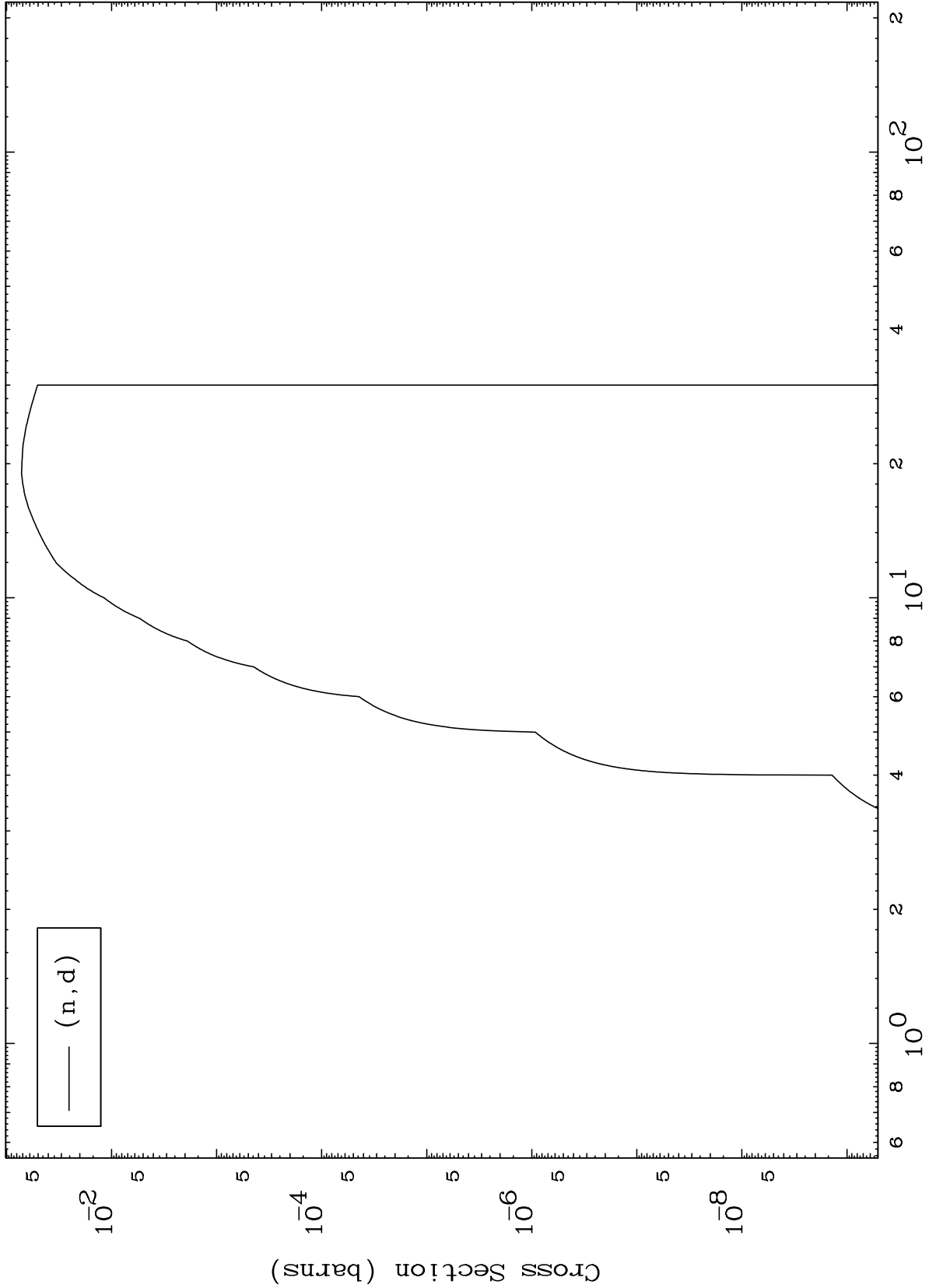


MAT 4022

(d,d) Levels

40-Zr-89

0 Kelvin Cross Sections



(n,d)

Incident Energy (MeV)

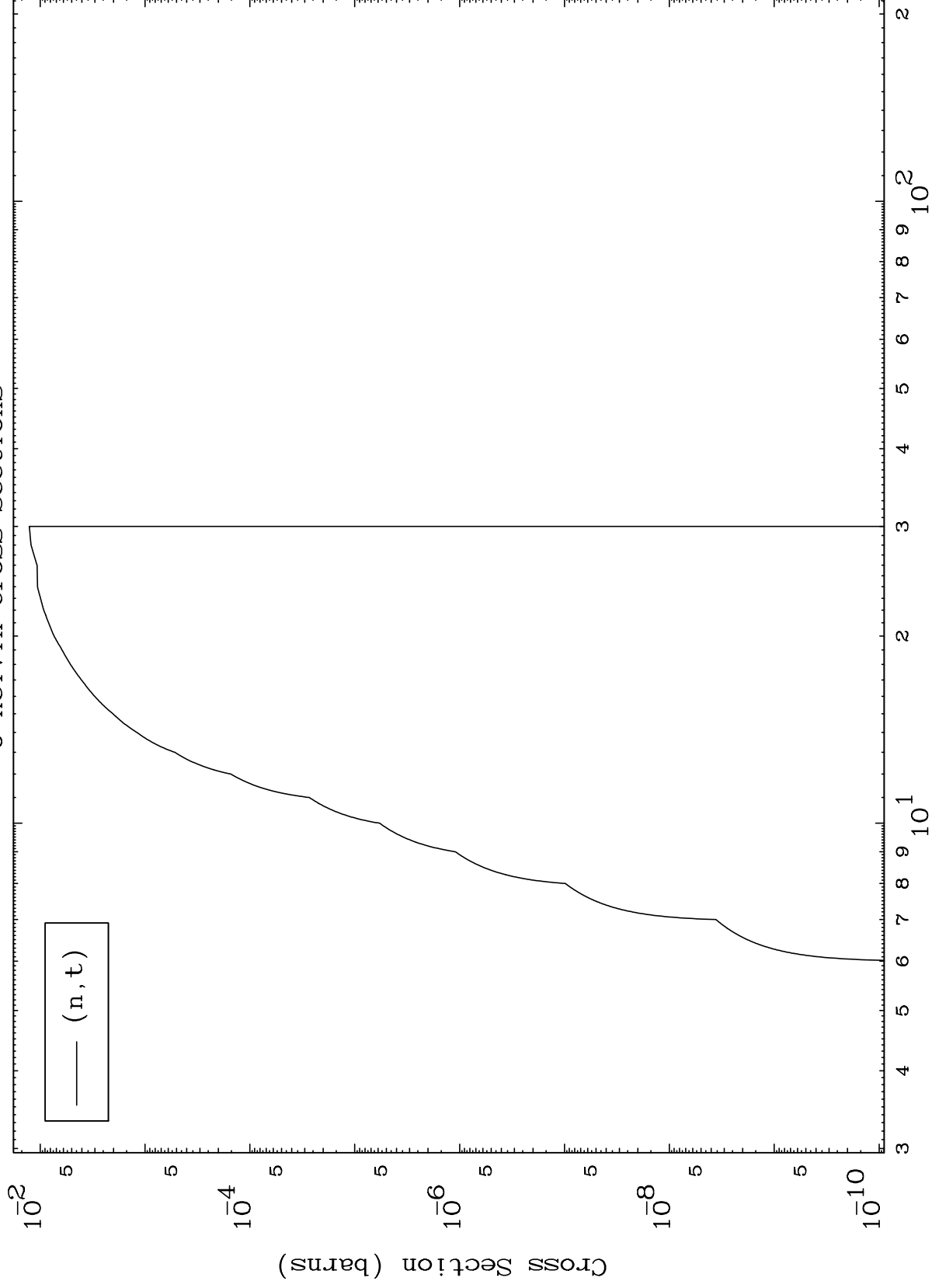
40-Zr-89

8

MAT 4022

(d, t) Levels  
0 Kelvin Cross Sections

40-Zr-89



9

Incident Energy (MeV)

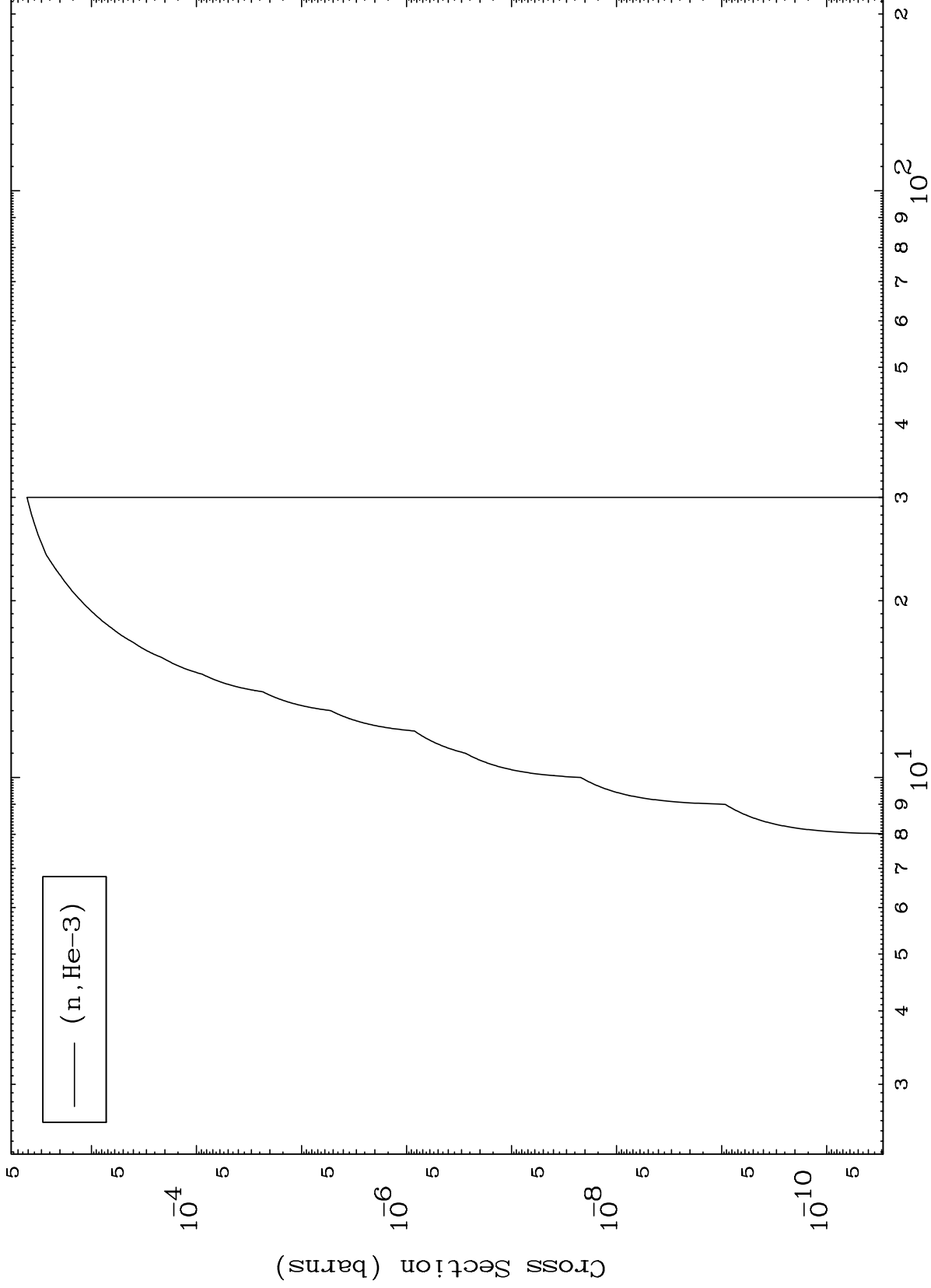
40-Zr-89

MAT 4022

(d,He3) Levels

40-Zr-89

0 Kelvin Cross Sections



10

Incident Energy (MeV)

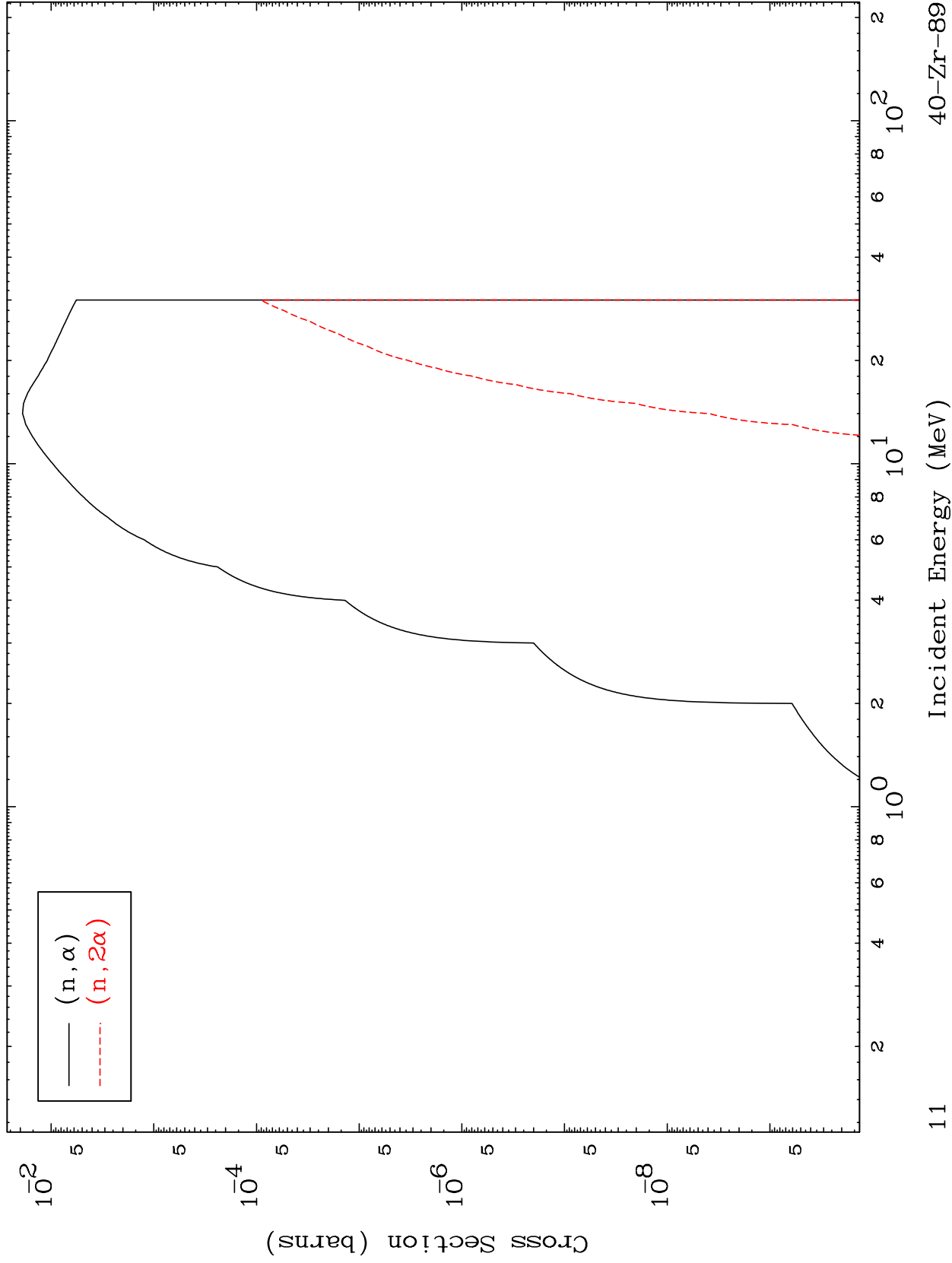
40-Zr-89

MAT 4022

(d,  $\alpha$ ) Levels

40-Zr-89

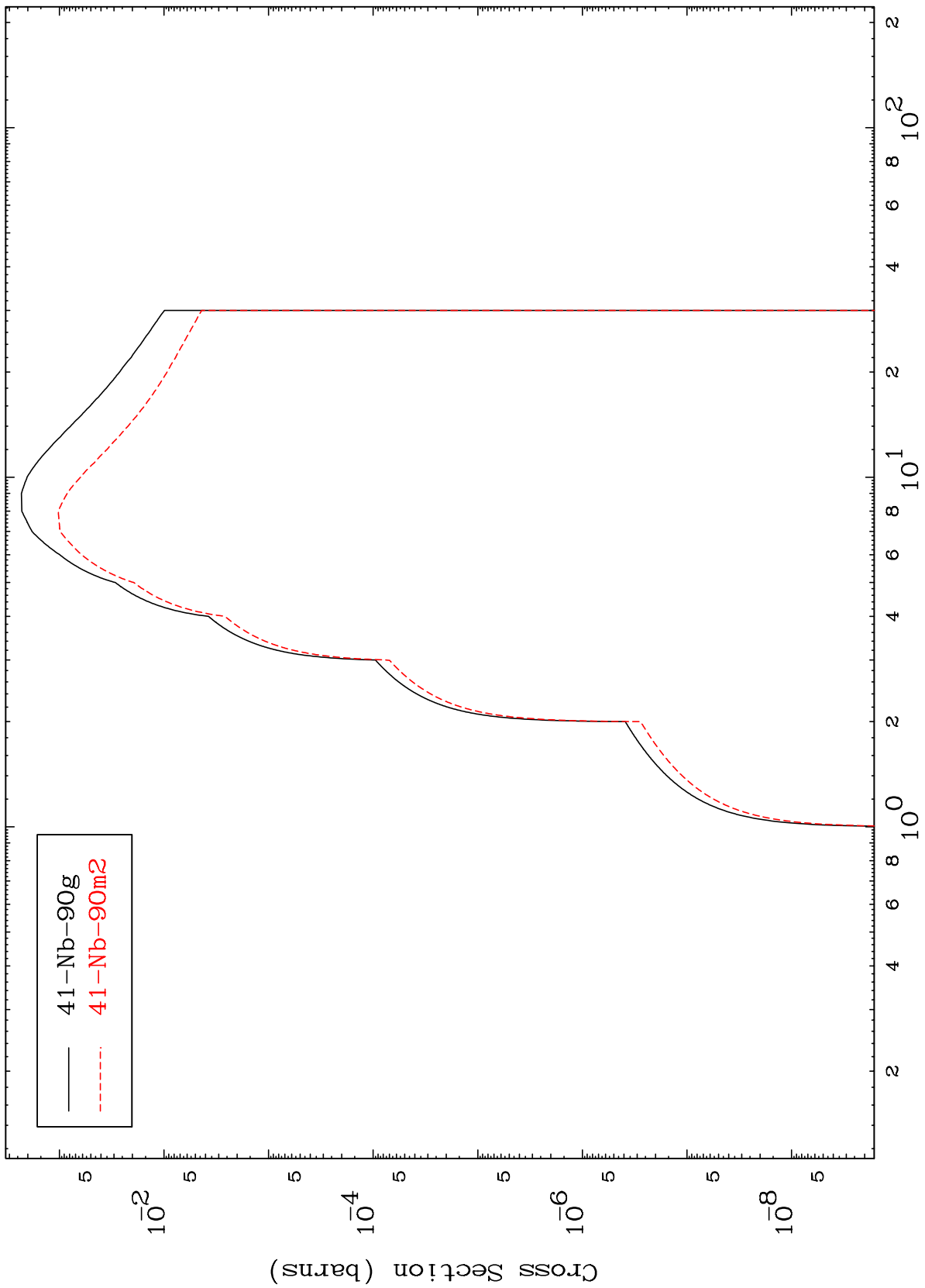
0 Kelvin Cross Sections



MAT 4022

40-Zr-89

Inelastic  
Radionuclide Production Cross Section



40-Zr-89

Incident Energy (MeV)

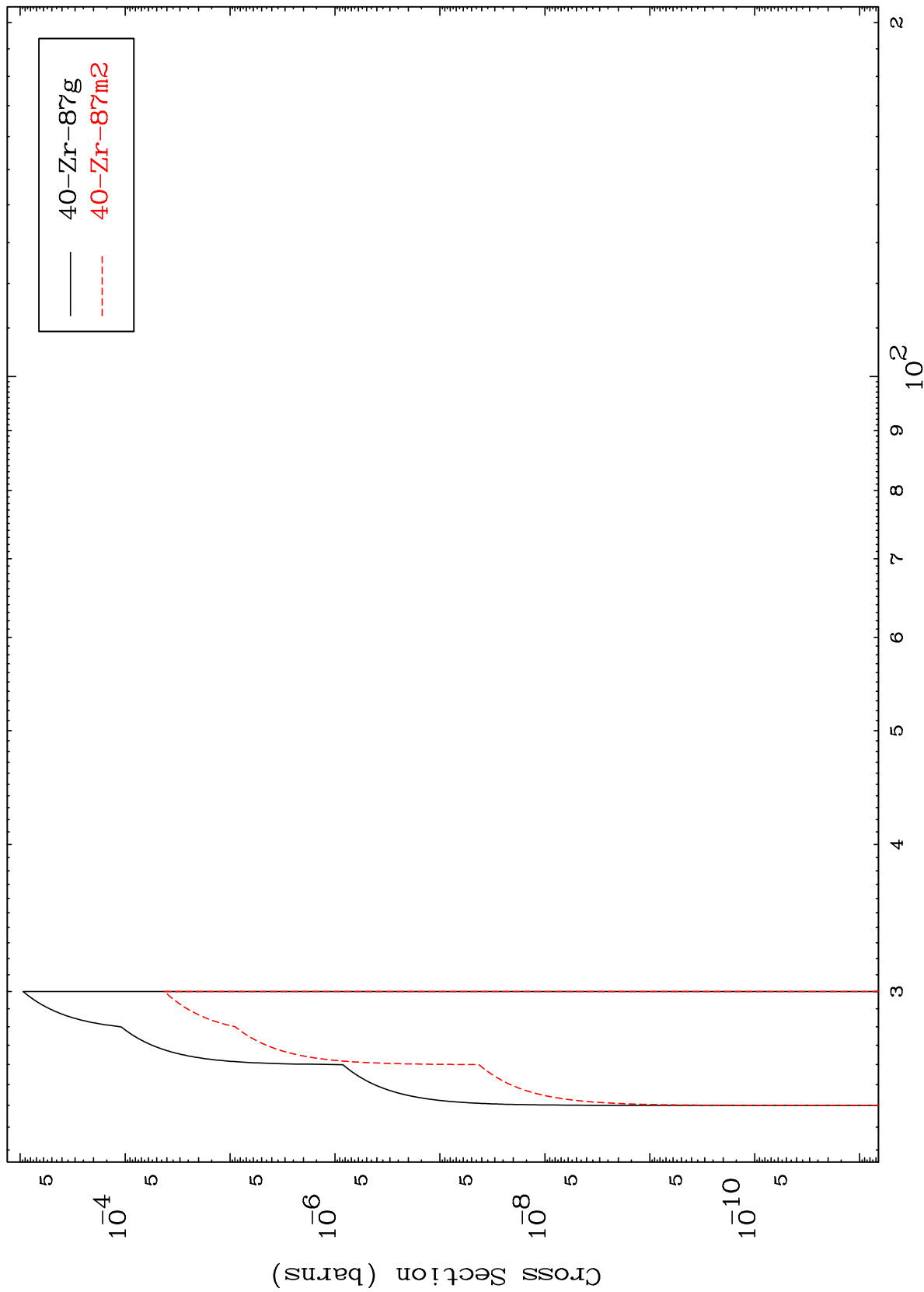
12

MAT 4022

(n,2n) d

40-Zr-89

Radionuclide Production Cross Section



13

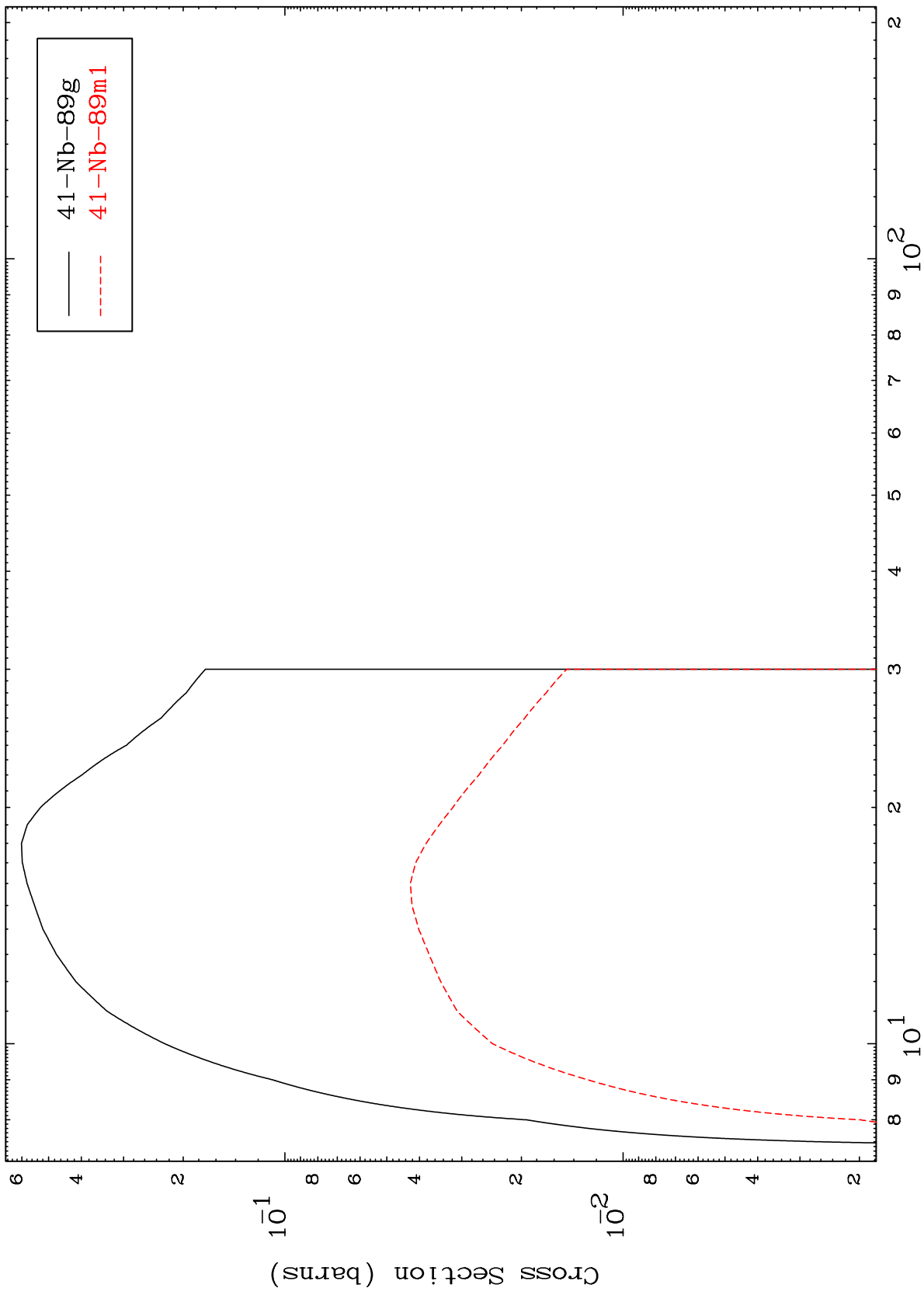
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

(n,2n)  
Radionuclide Production Cross Section



14

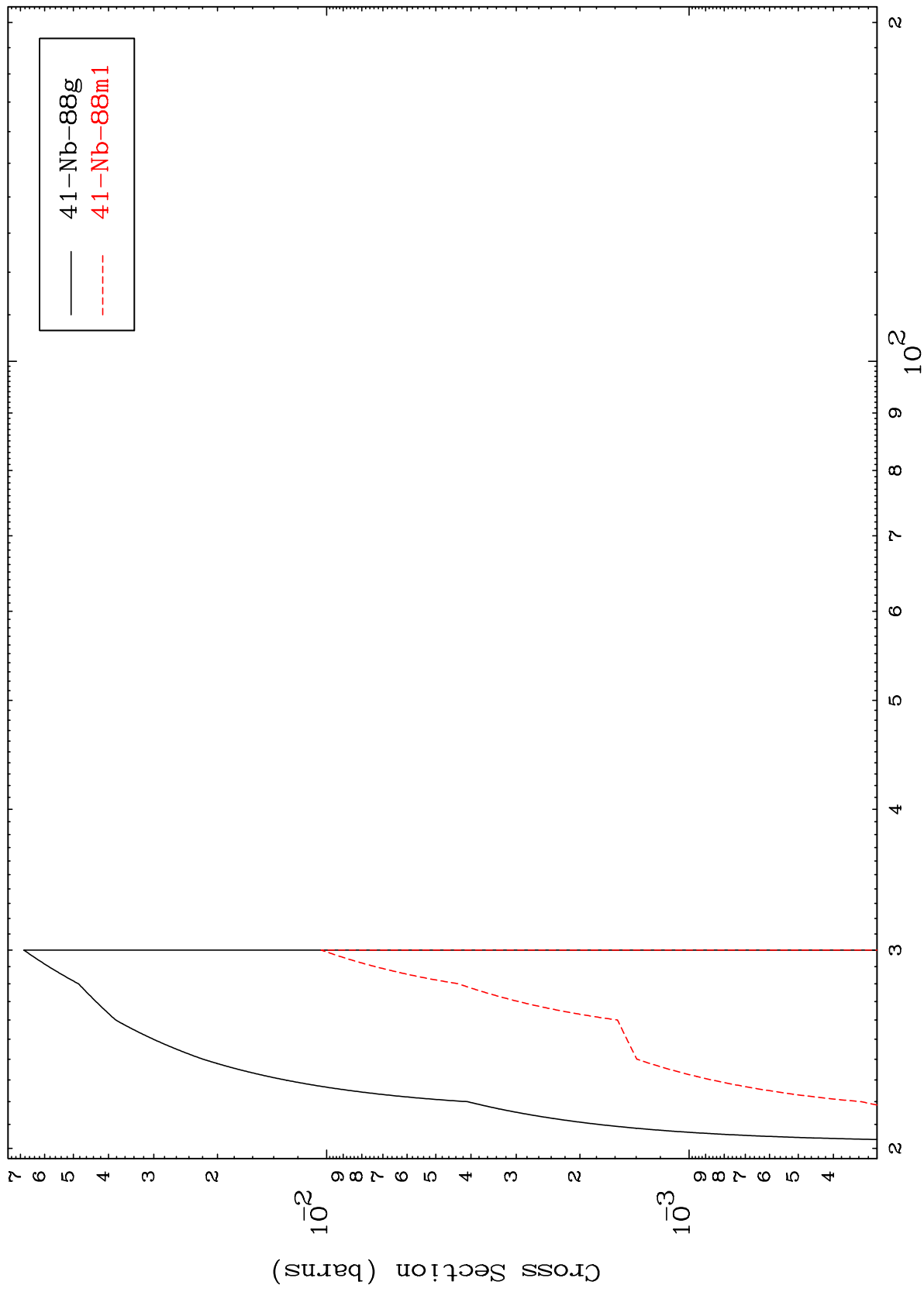
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

(n,3n)  
Radionuclide Production Cross Section



40-Zr-89

Incident Energy (MeV)

15

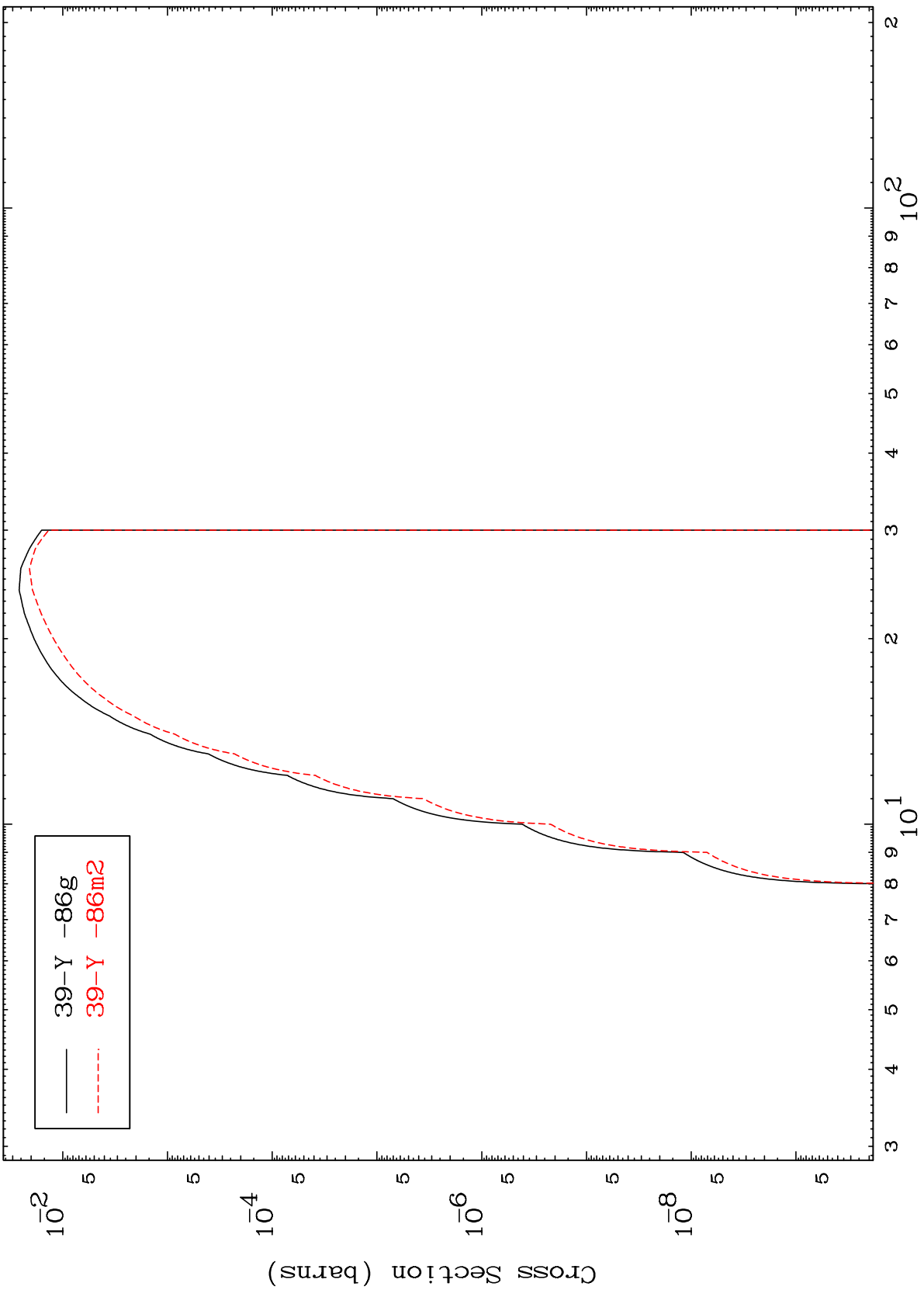


MAT 4022

$(n, n') \alpha$

40-Zr-89

Radionuclide Production Cross Section



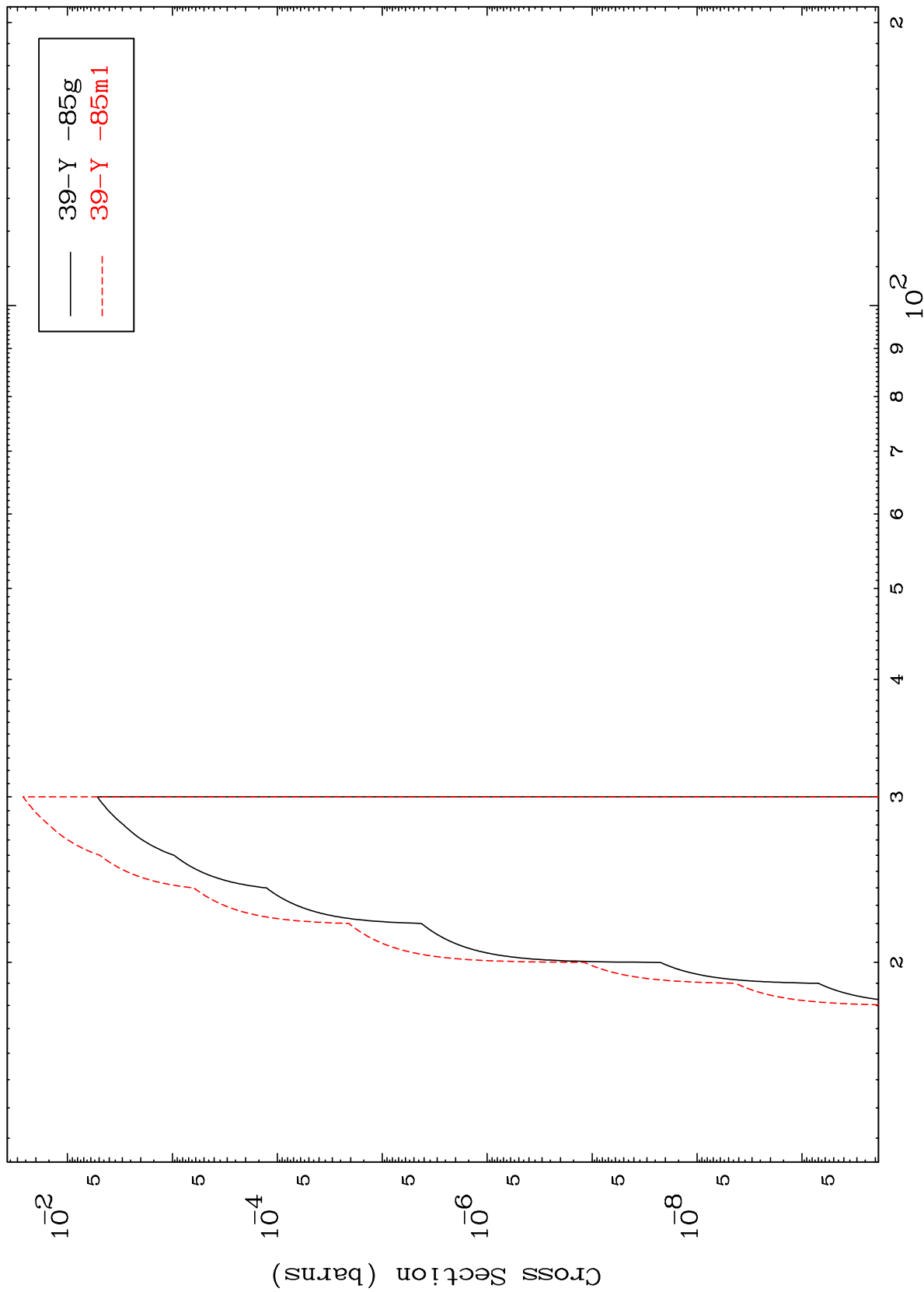
— 39-Y -86g  
- - - 39-Y -86m2

16

Incident Energy (MeV)

40-Zr-89

Radionuclide Production Cross Section

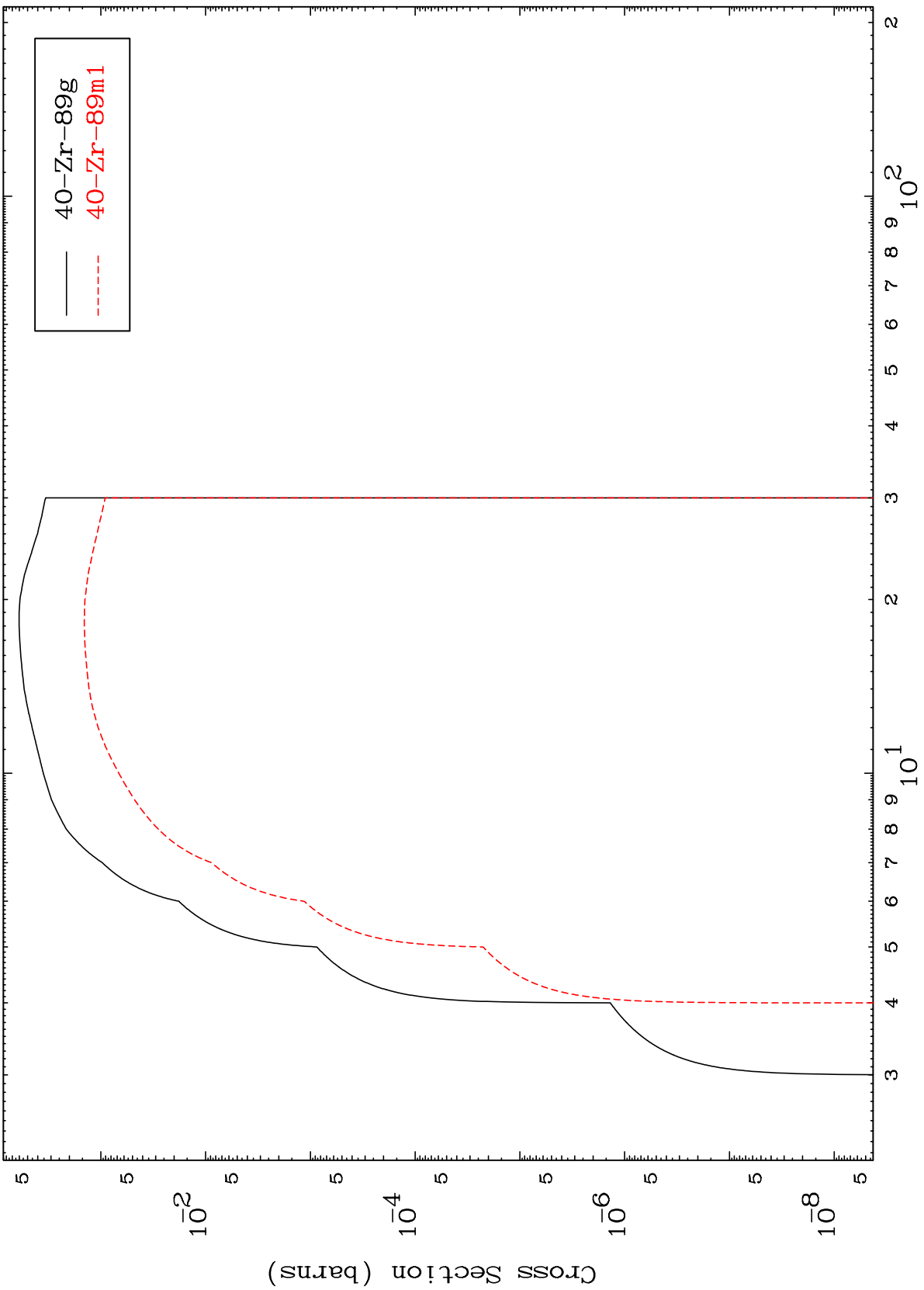


MAT 4022

(n,n') p

40-Zr-89

Radionuclide Production Cross Section



18

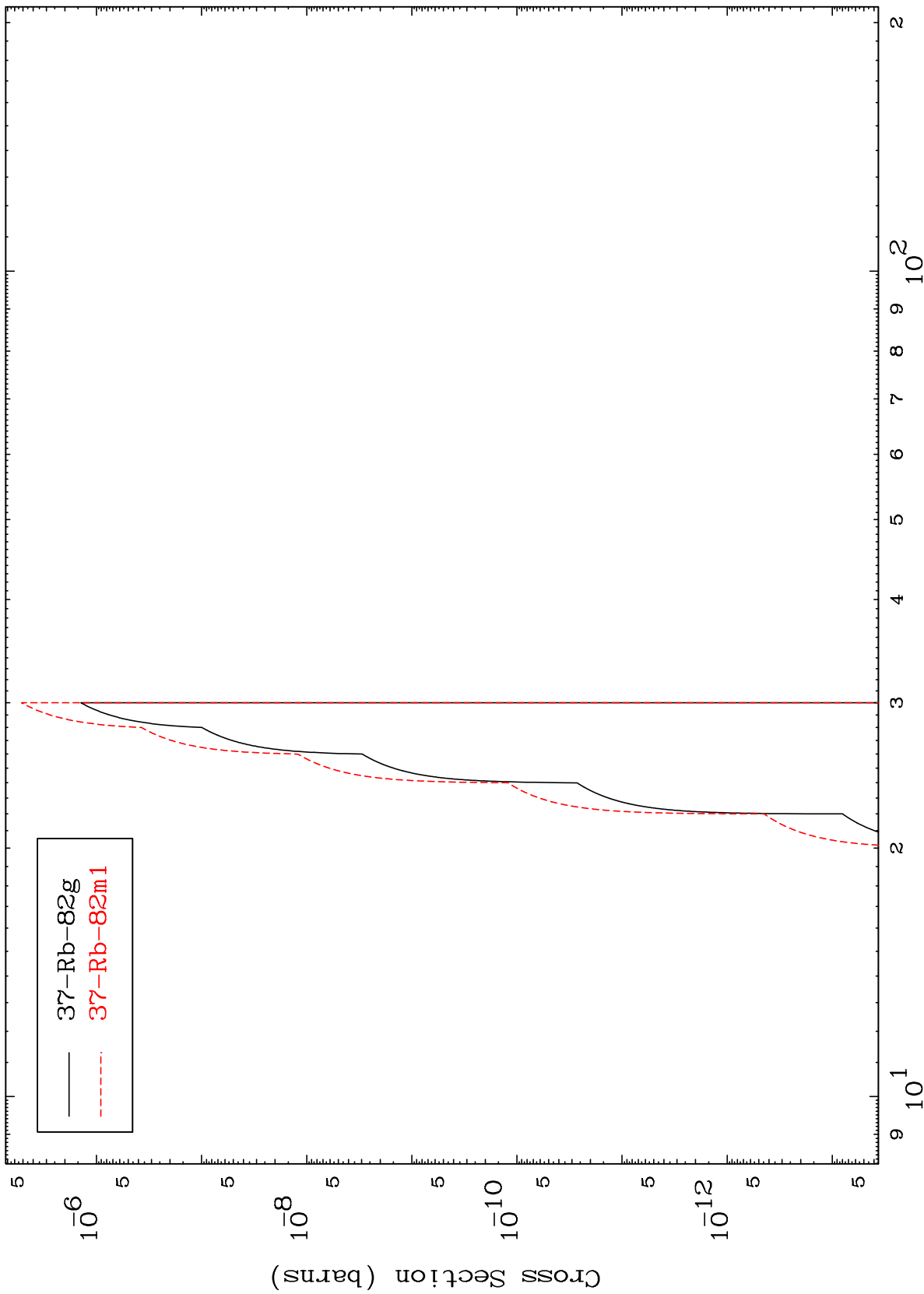
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section



19

Incident Energy (MeV)

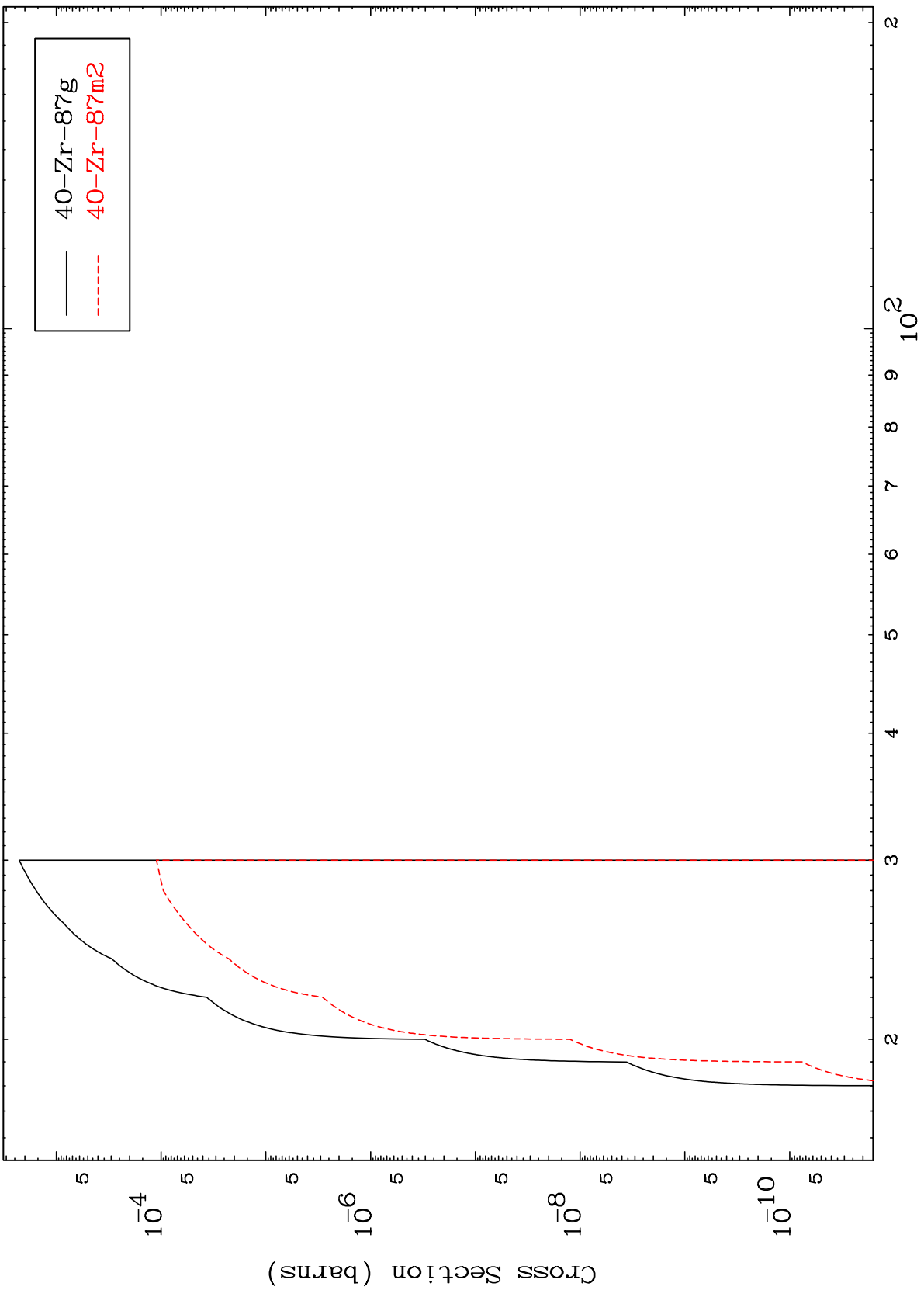
40-Zr-89

MAT 4022

(n,n') t

40-Zr-89

Radionuclide Production Cross Section



20

Incident Energy (MeV)

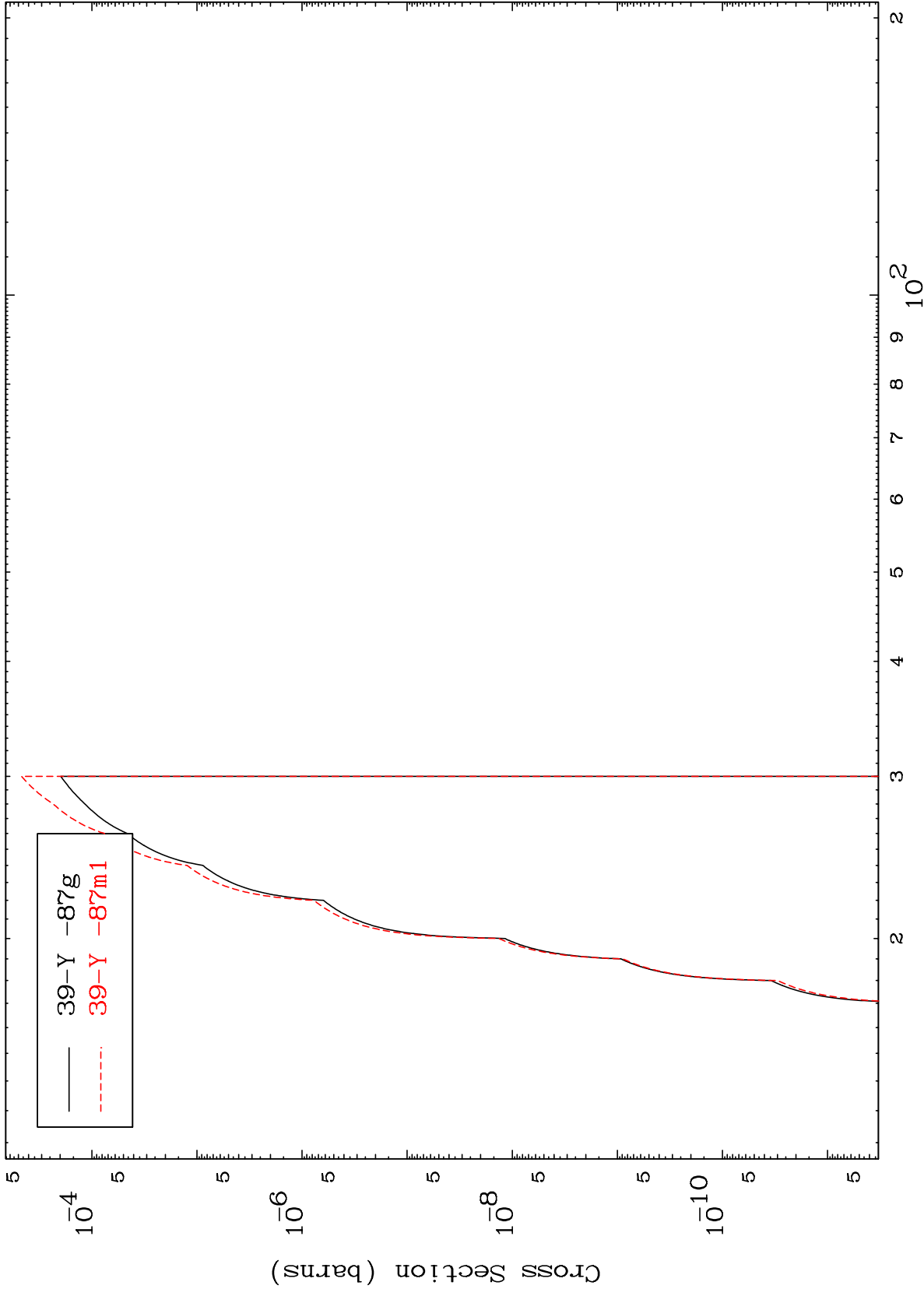
40-Zr-89

MAT 4022

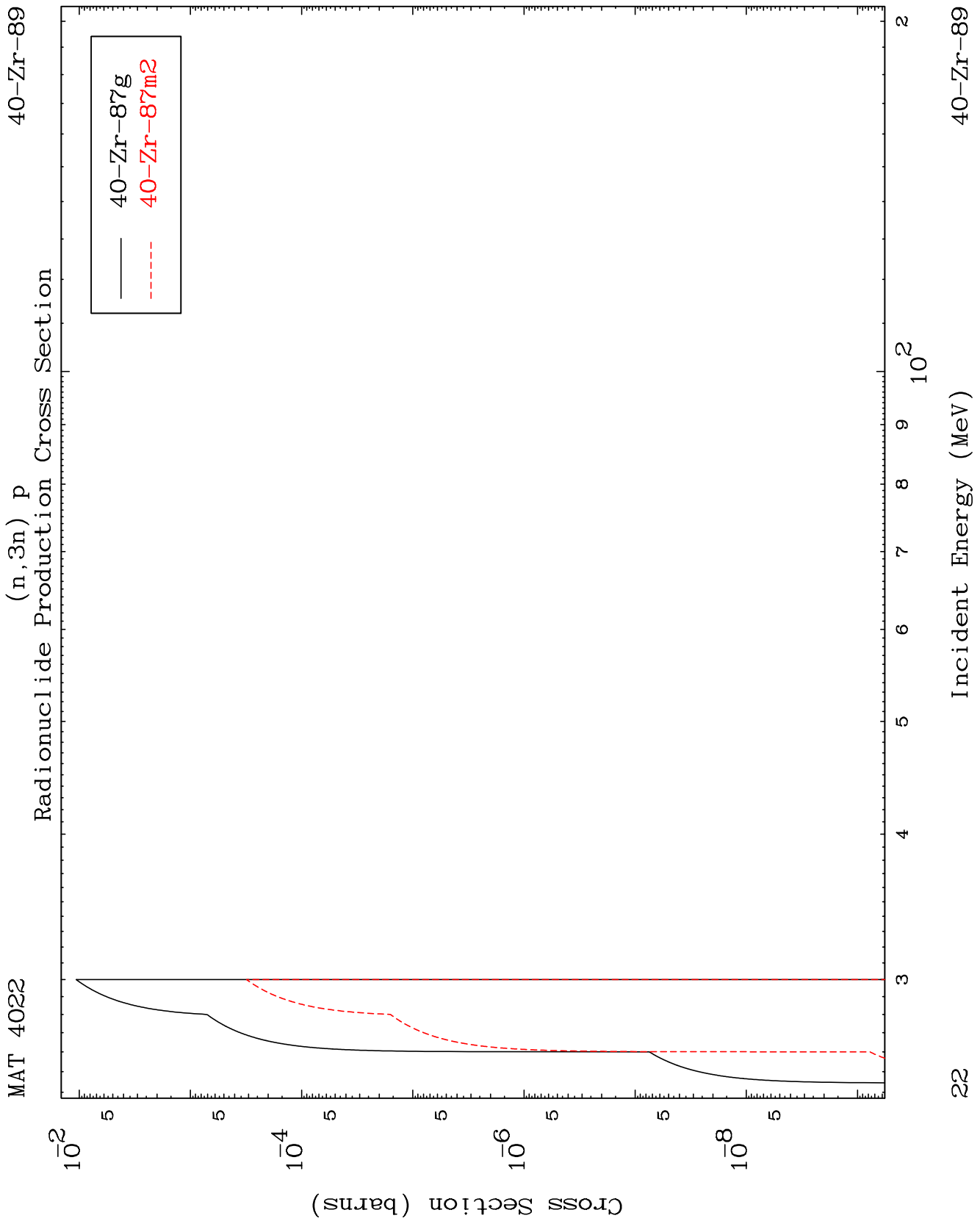
(n,n') He-3

40-Zr-89

Radionuclide Production Cross Section



39-Y -87g  
39-Y -87m1

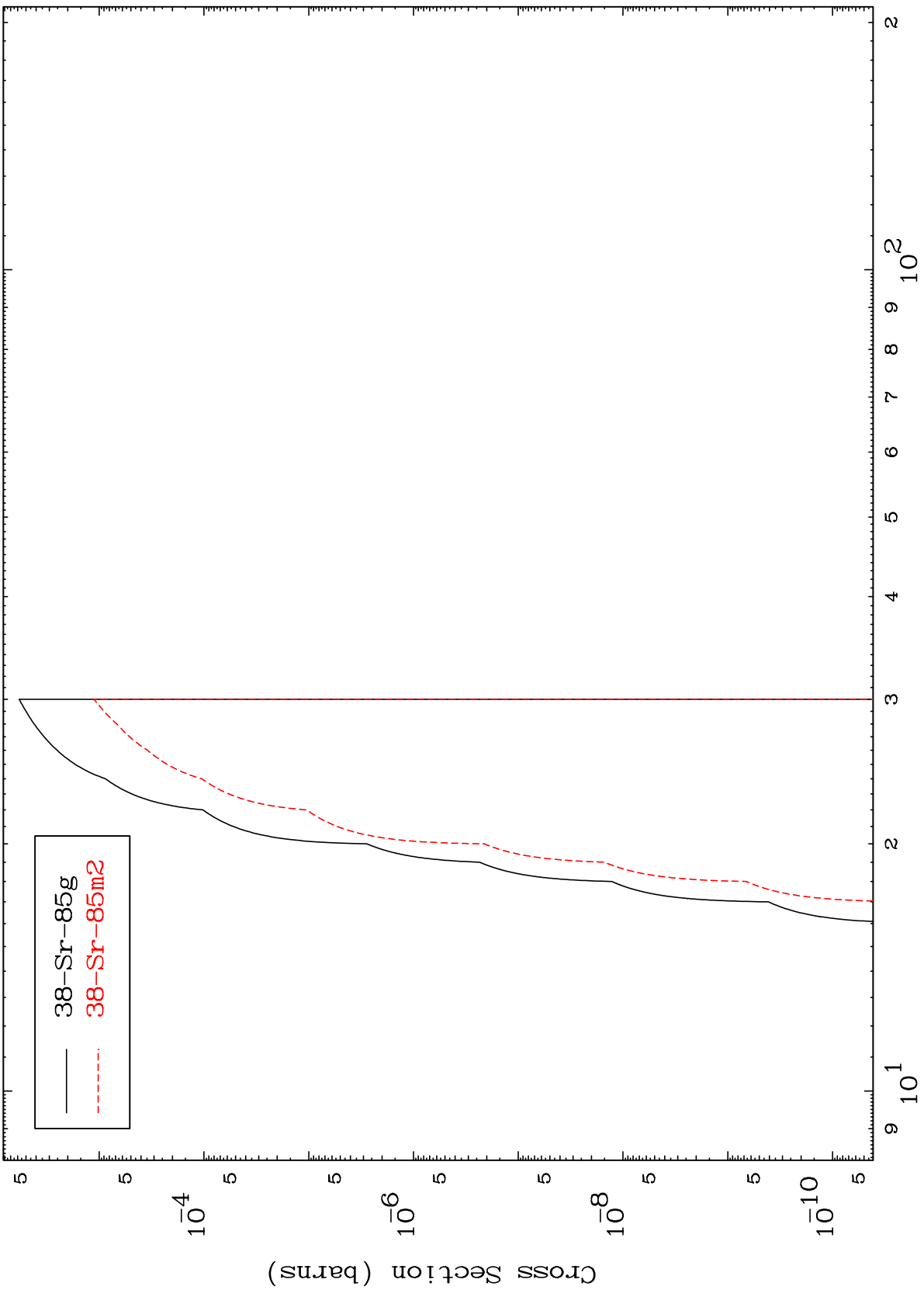


MAT 4022

(n,n') p  $\alpha$

40-Zr-89

Radionuclide Production Cross Section



23

Incident Energy (MeV)

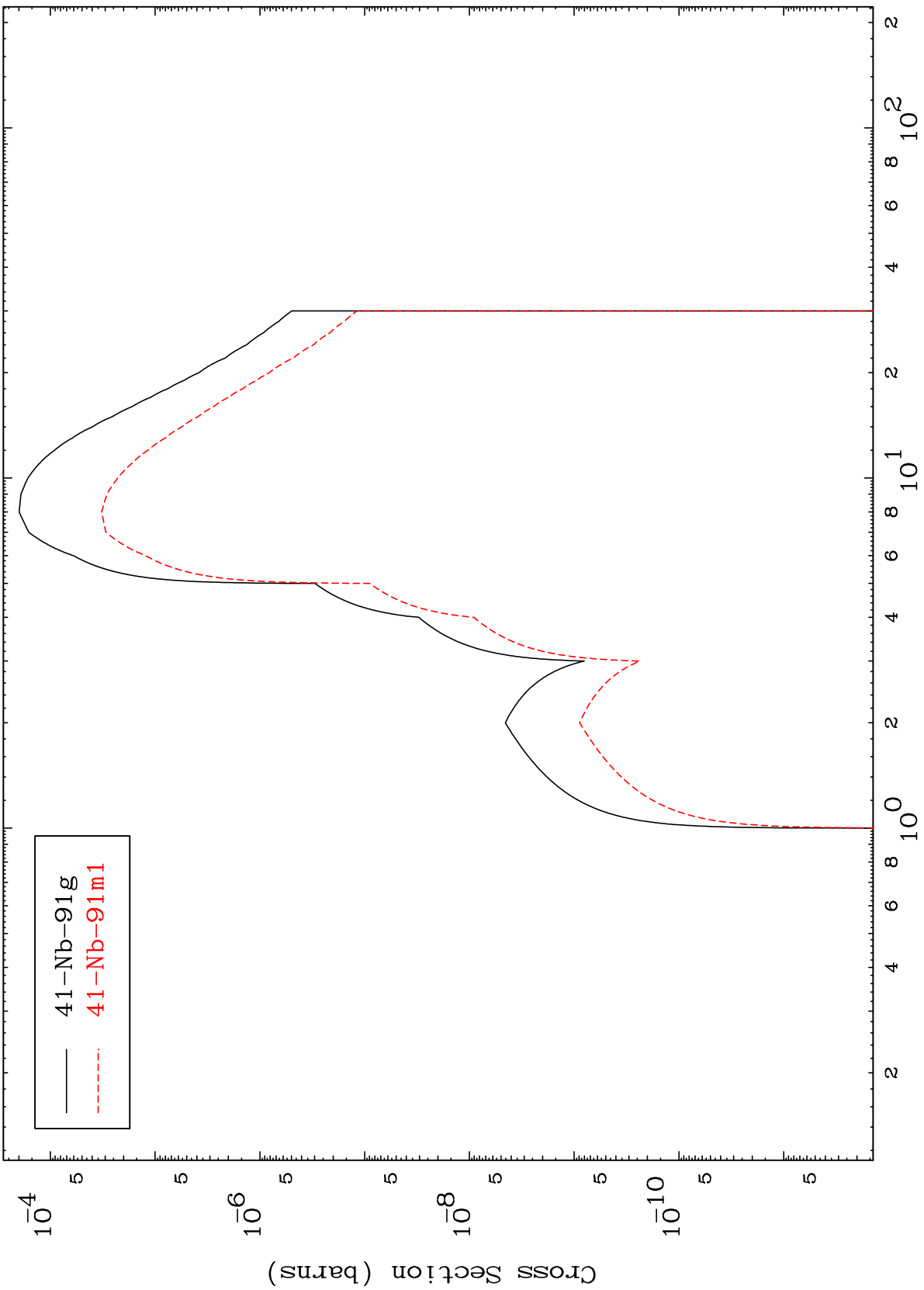
40-Zr-89



MAT 4022

40-Zr-89

(n,  $\gamma$ )  
Radionuclide Production Cross Section



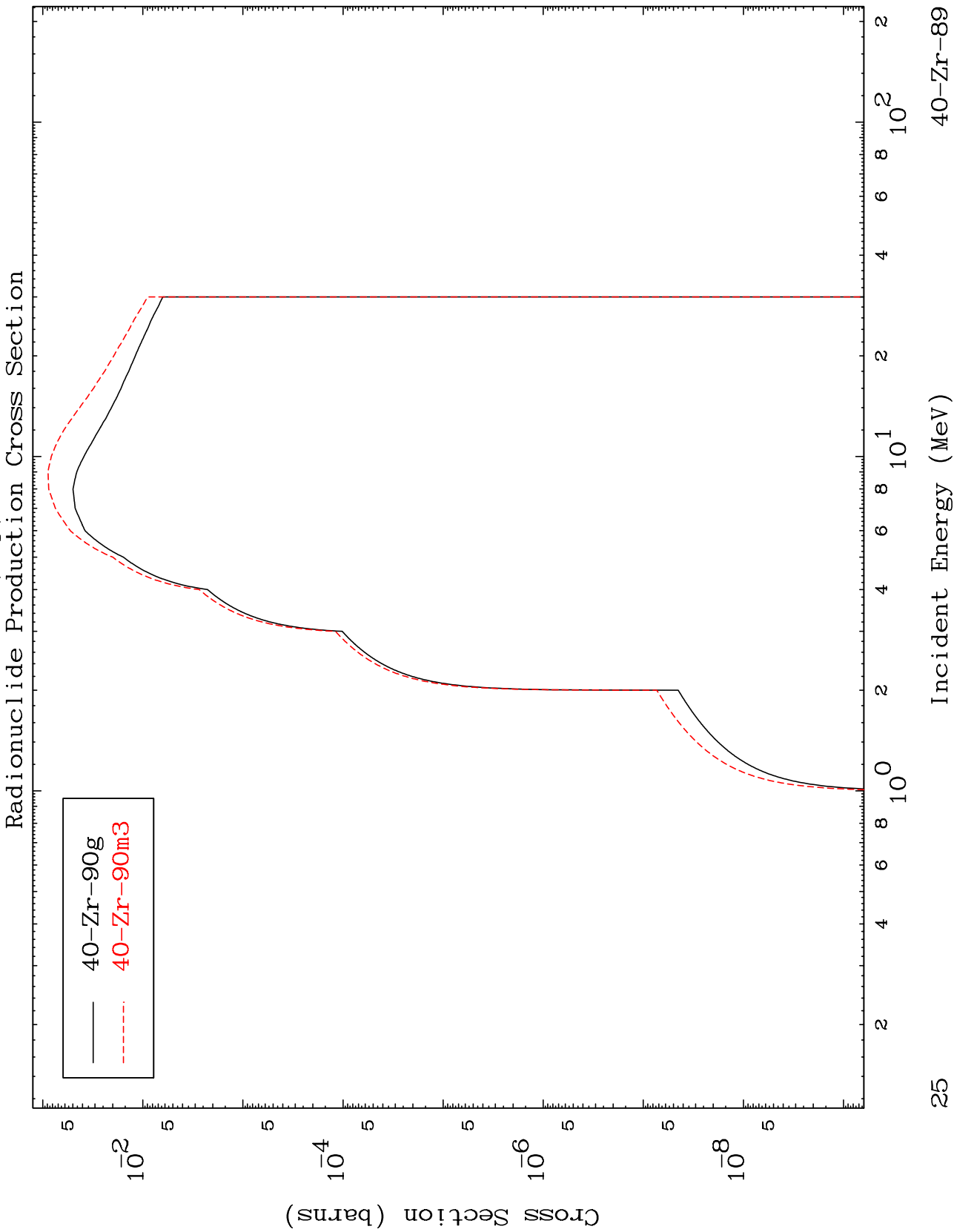
24

40-Zr-89

Incident Energy (MeV)

MAT 4022

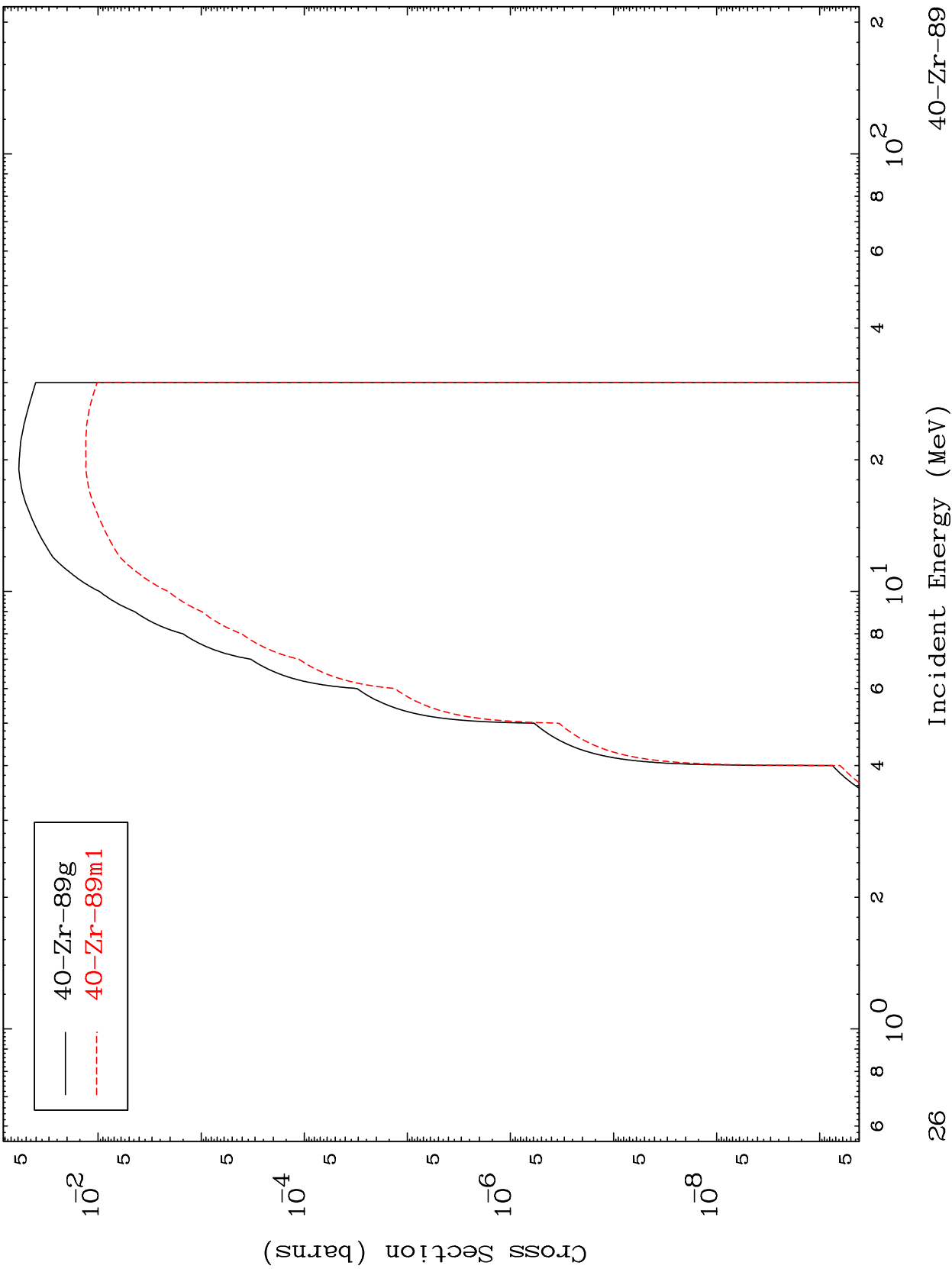
40-Zr-89



MAT 4022

40-Zr-89

(n,d)  
Radionuclide Production Cross Section



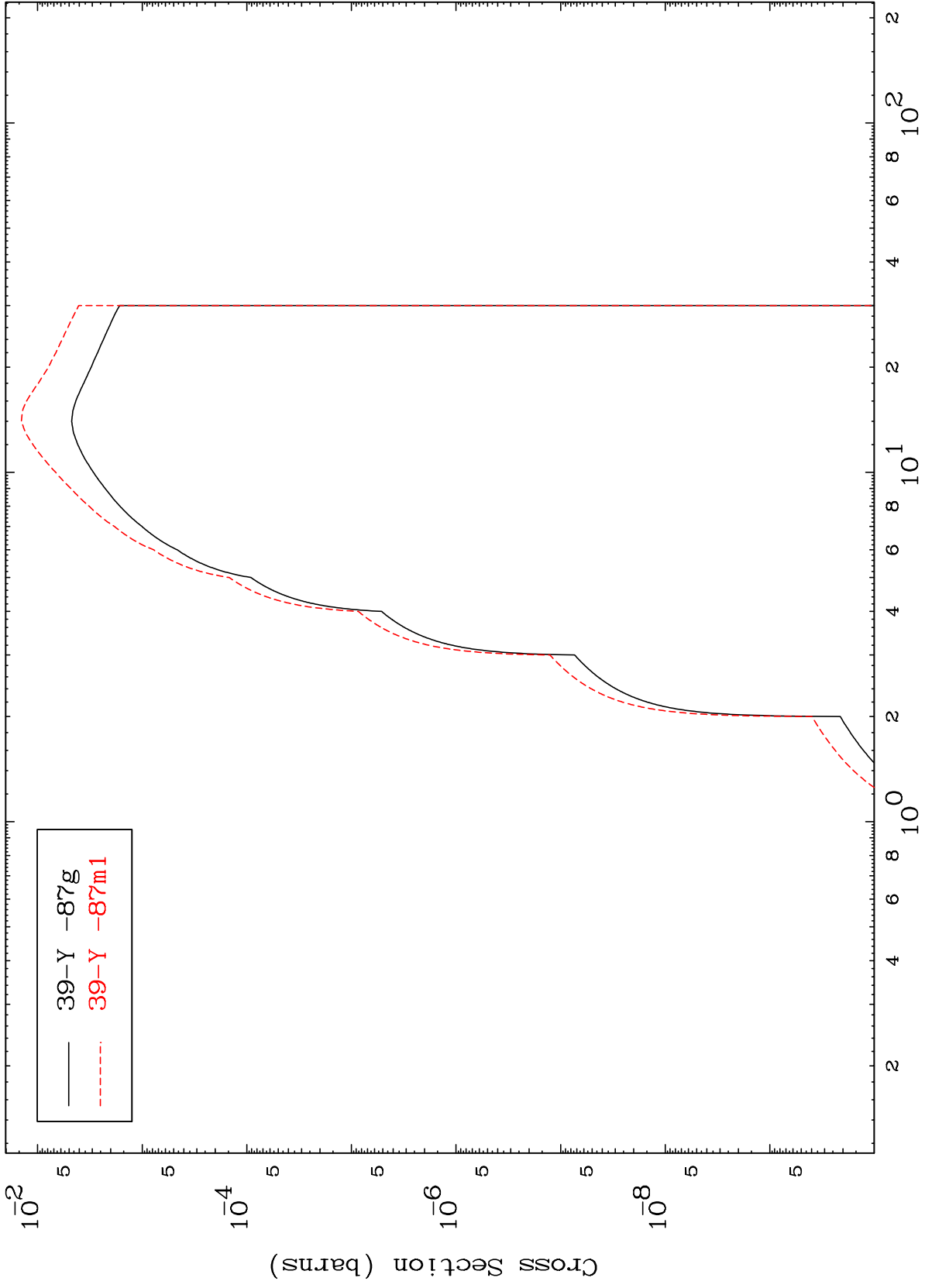
26

40-Zr-89

MAT 4022

40-Zr-89

(n,  $\alpha$ )  
Radionuclide Production Cross Section



— 39-Y -87g  
- - - 39-Y -87m1

40-Zr-89

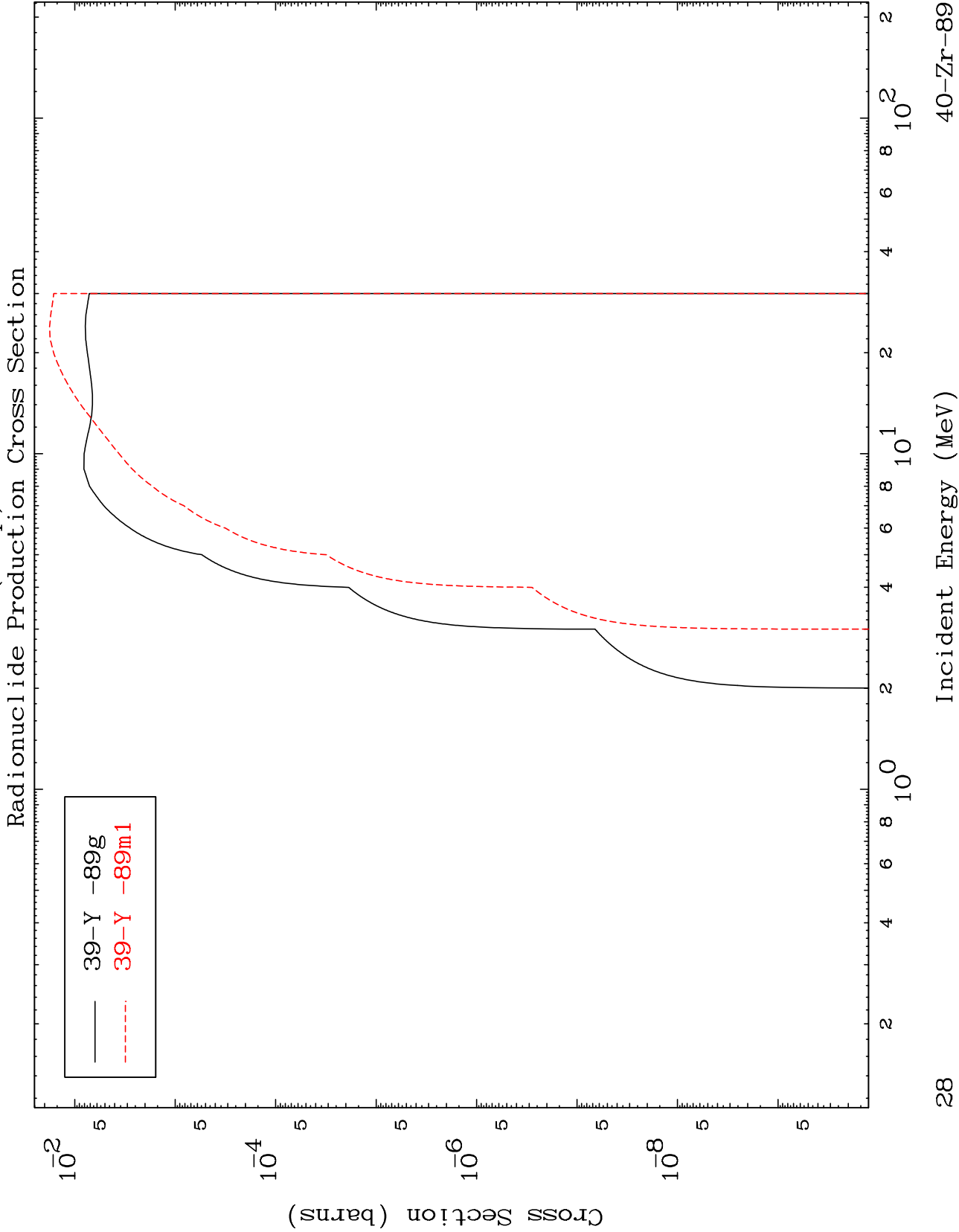
Incident Energy (MeV)

27

MAT 4022

(n,2p)

40-Zr-89

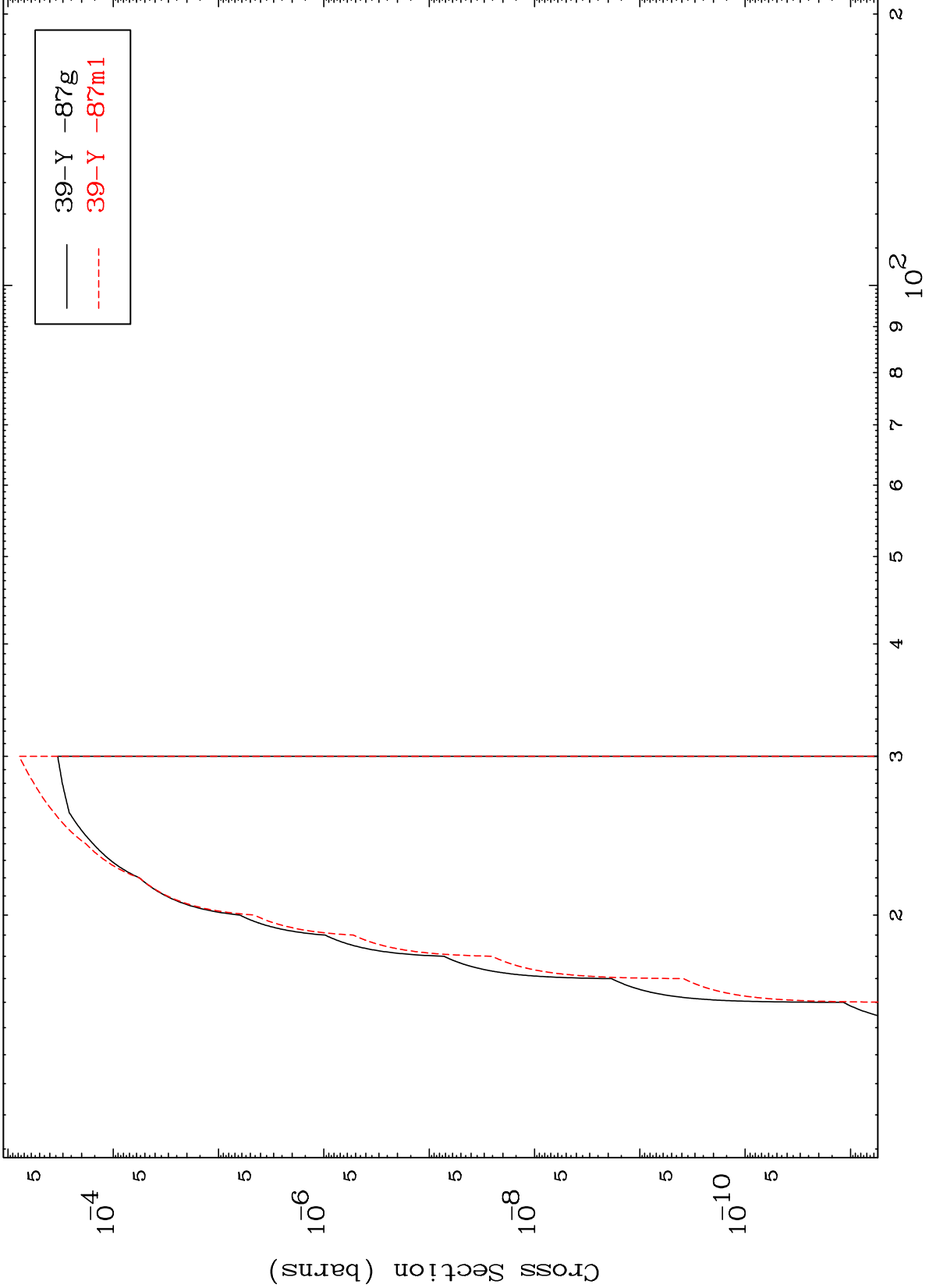


MAT 4022

(n,p) t

40-Zr-89

Radionuclide Production Cross Section



39-Y -87g  
39-Y -87m1

29

Incident Energy (MeV)

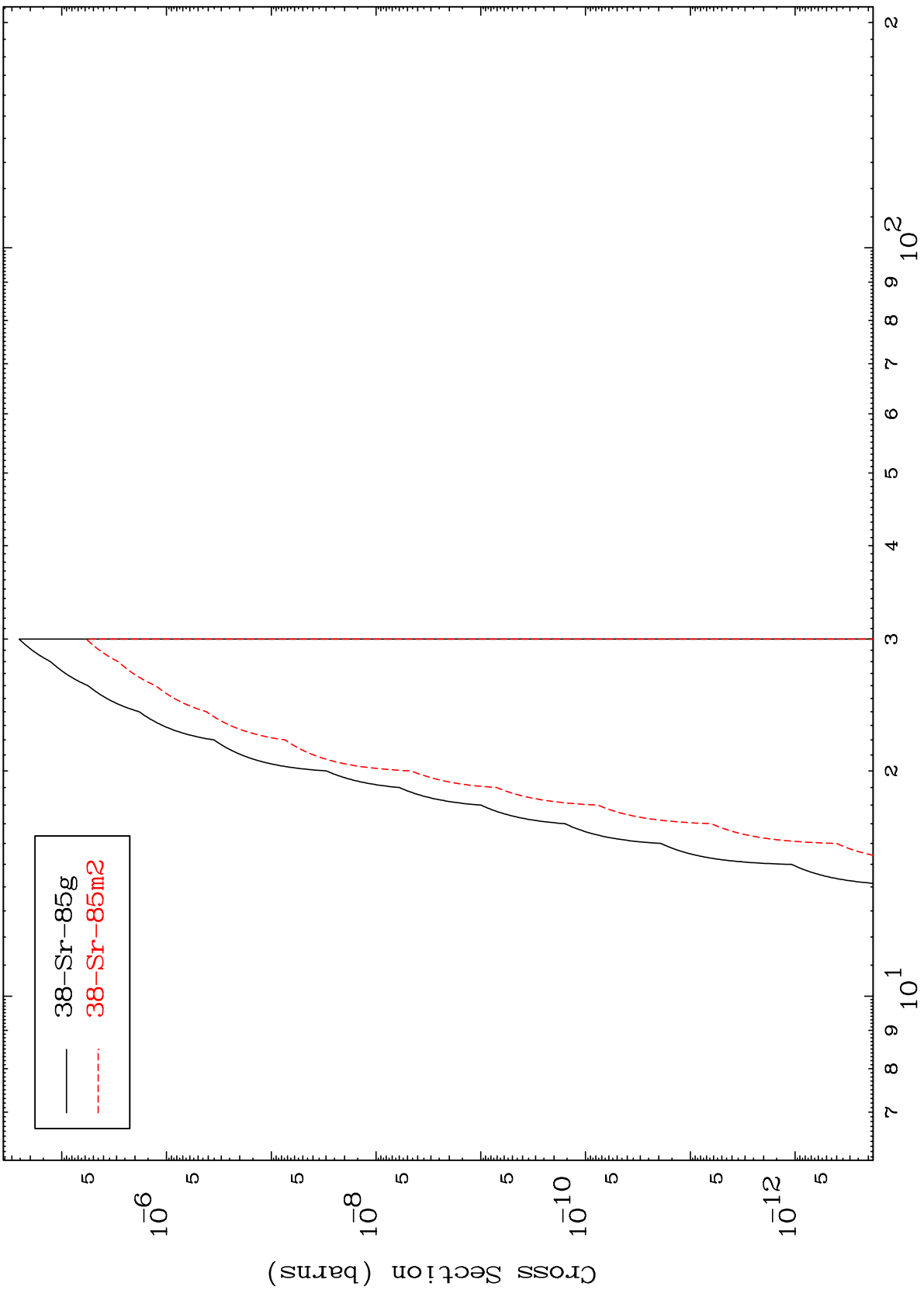
40-Zr-89

MAT 4022

(n,d)  $\alpha$

40-Zr-89

Radionuclide Production Cross Section



30

Incident Energy (MeV)

40-Zr-89