

Program EVALPLOT  
(Version 2021-1)

by

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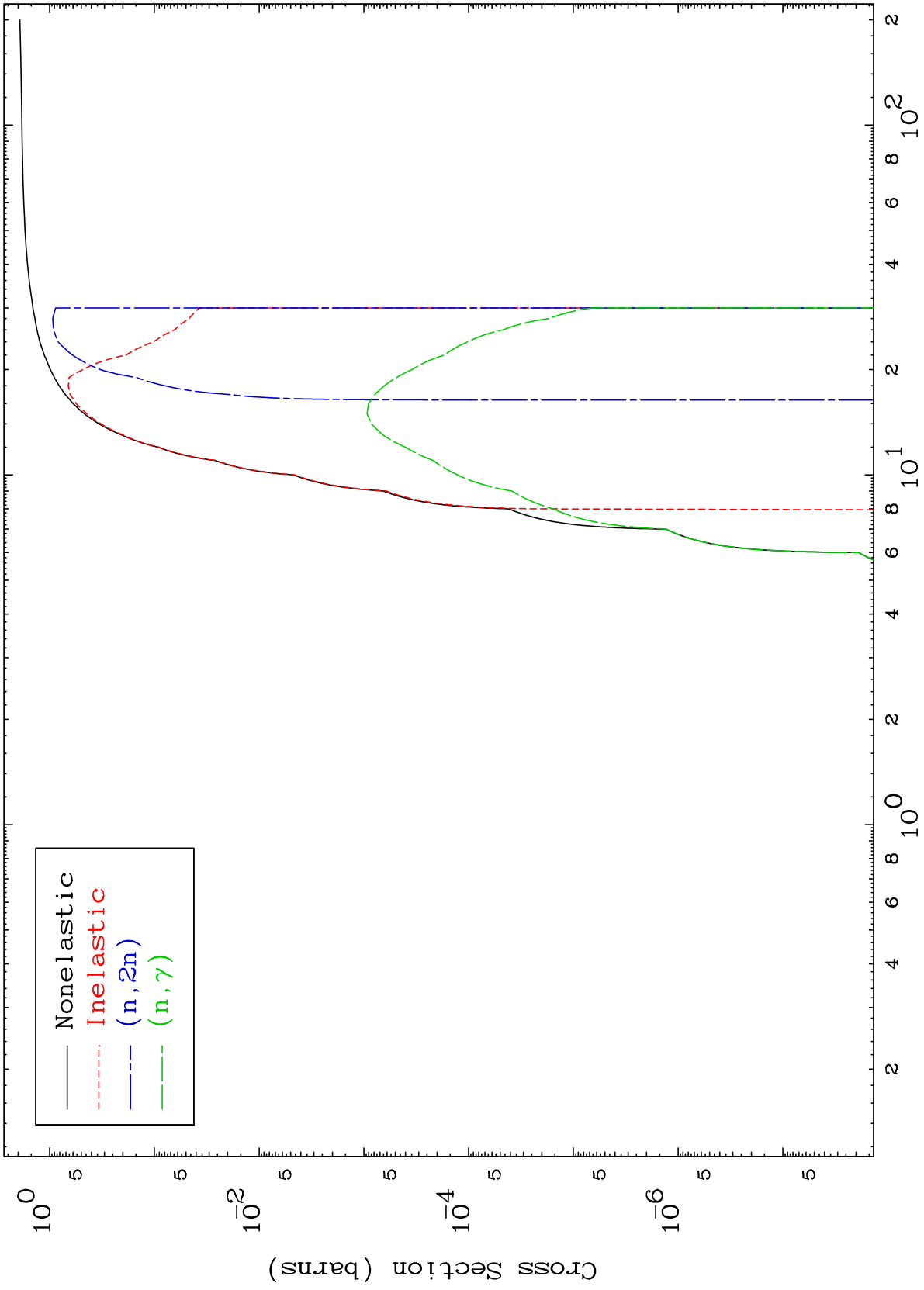
Press Mouse Button to Start

MAT 4025

$\alpha$  Major

40-Zr-90

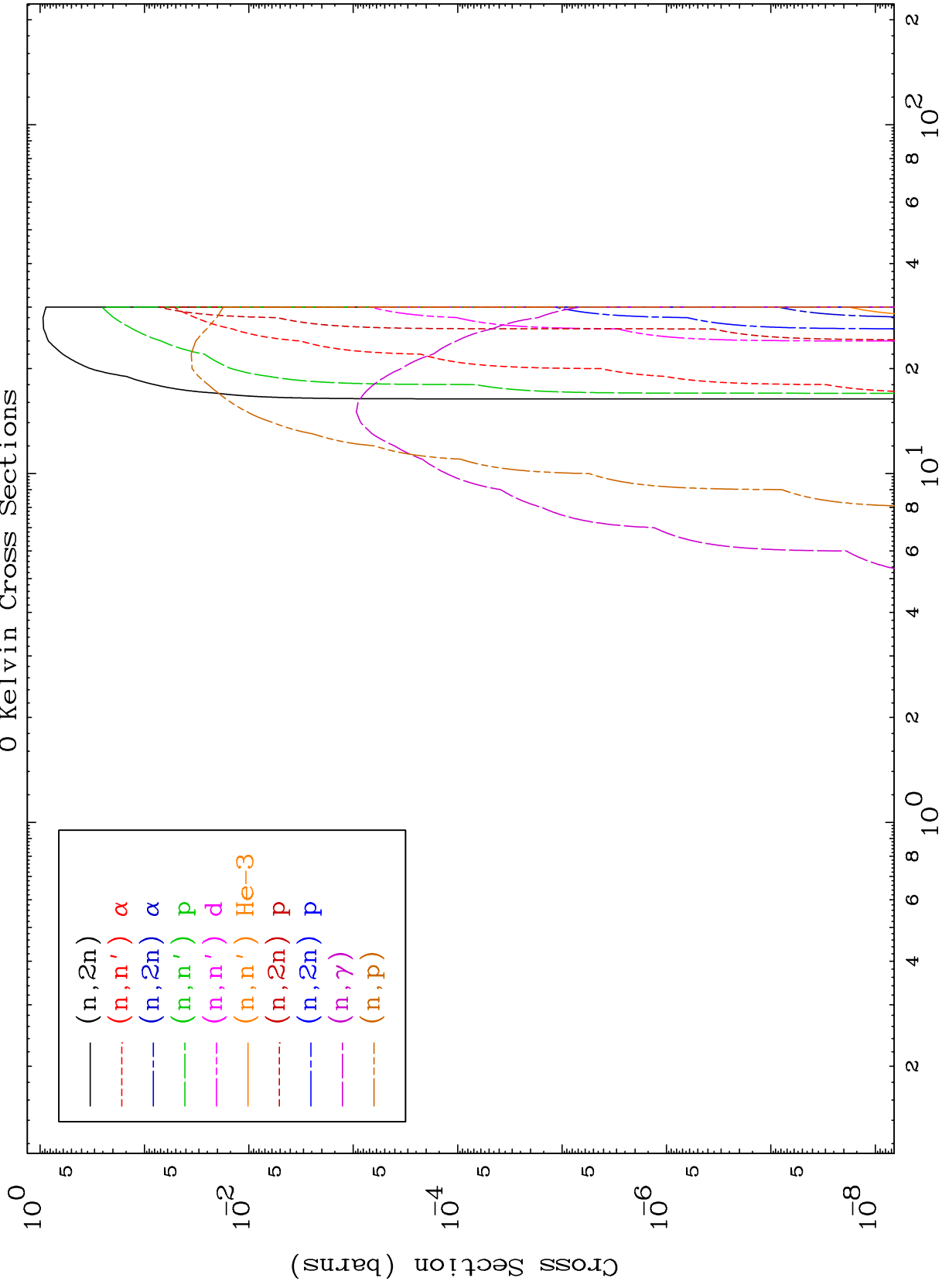
0 Kelvin Cross Sections



MAT 4025

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-90



2

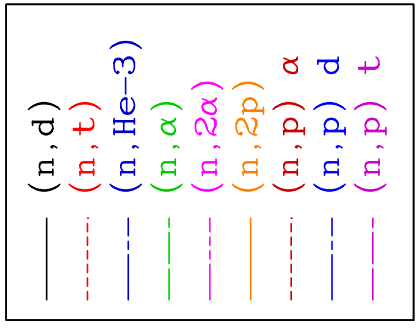
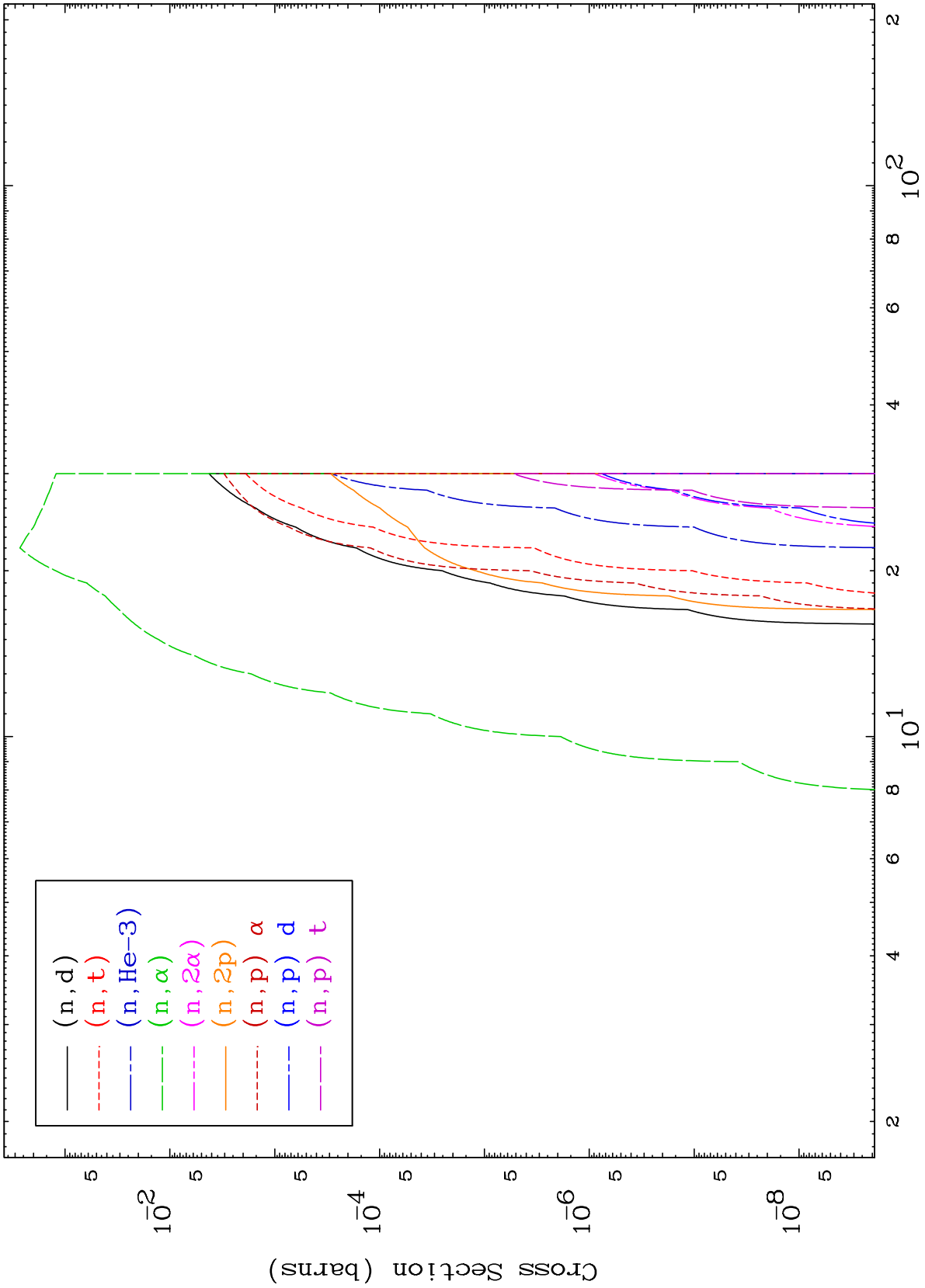
Incident Energy (MeV)

40-Zr-90

MAT 4025

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

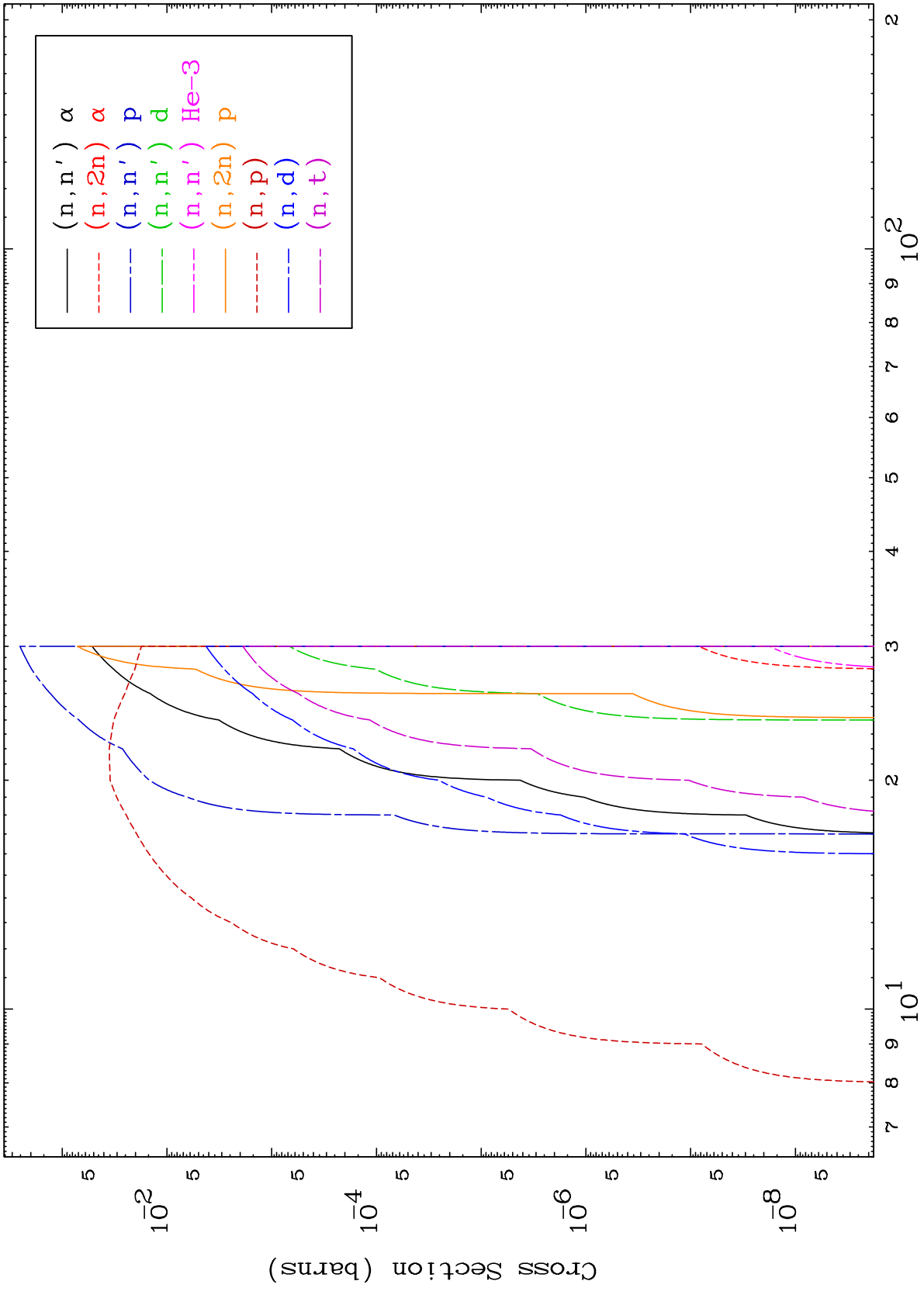
40-Zr-90

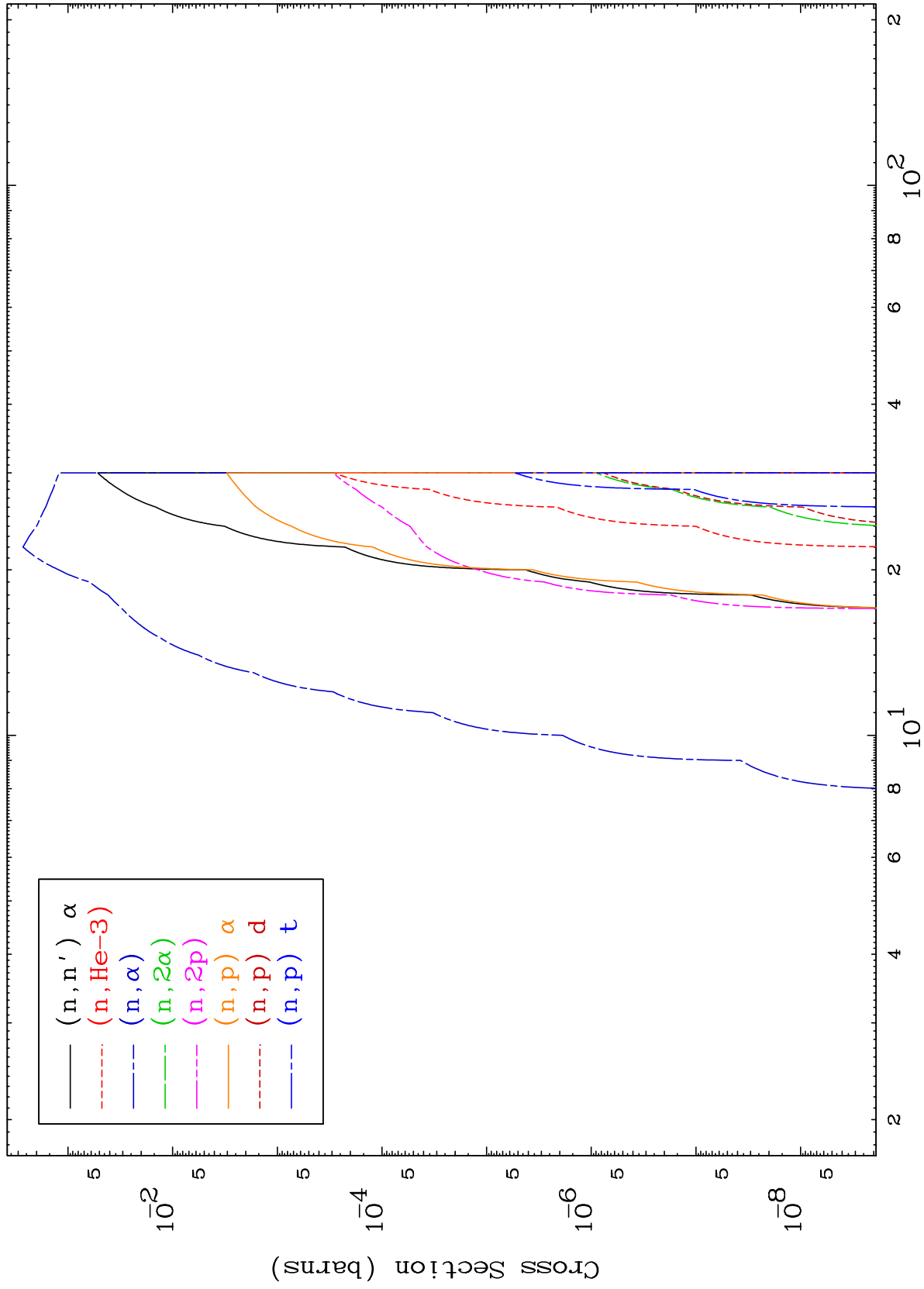


3

Incident Energy (MeV)

40-Zr-90

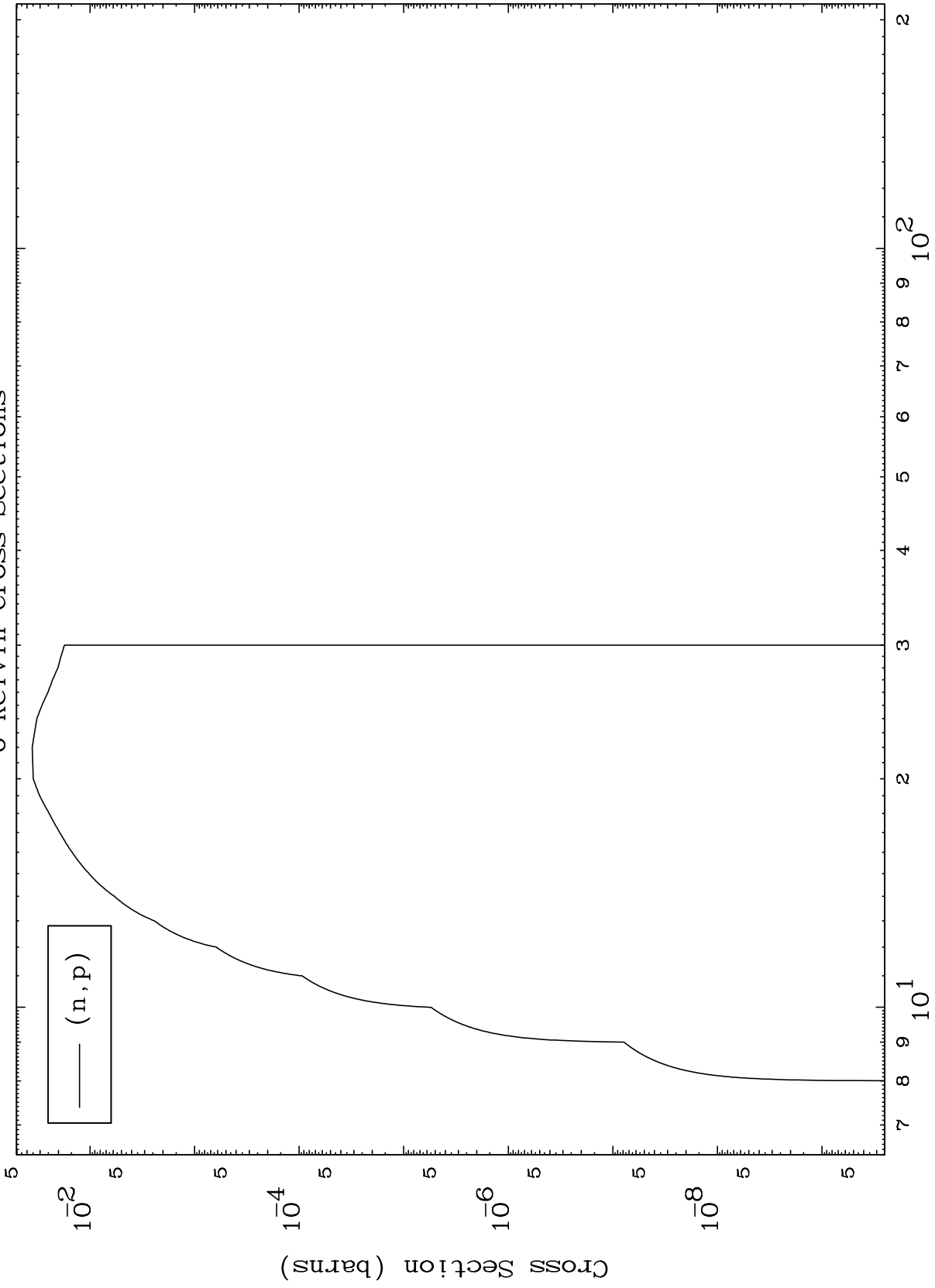




MAT 4025

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

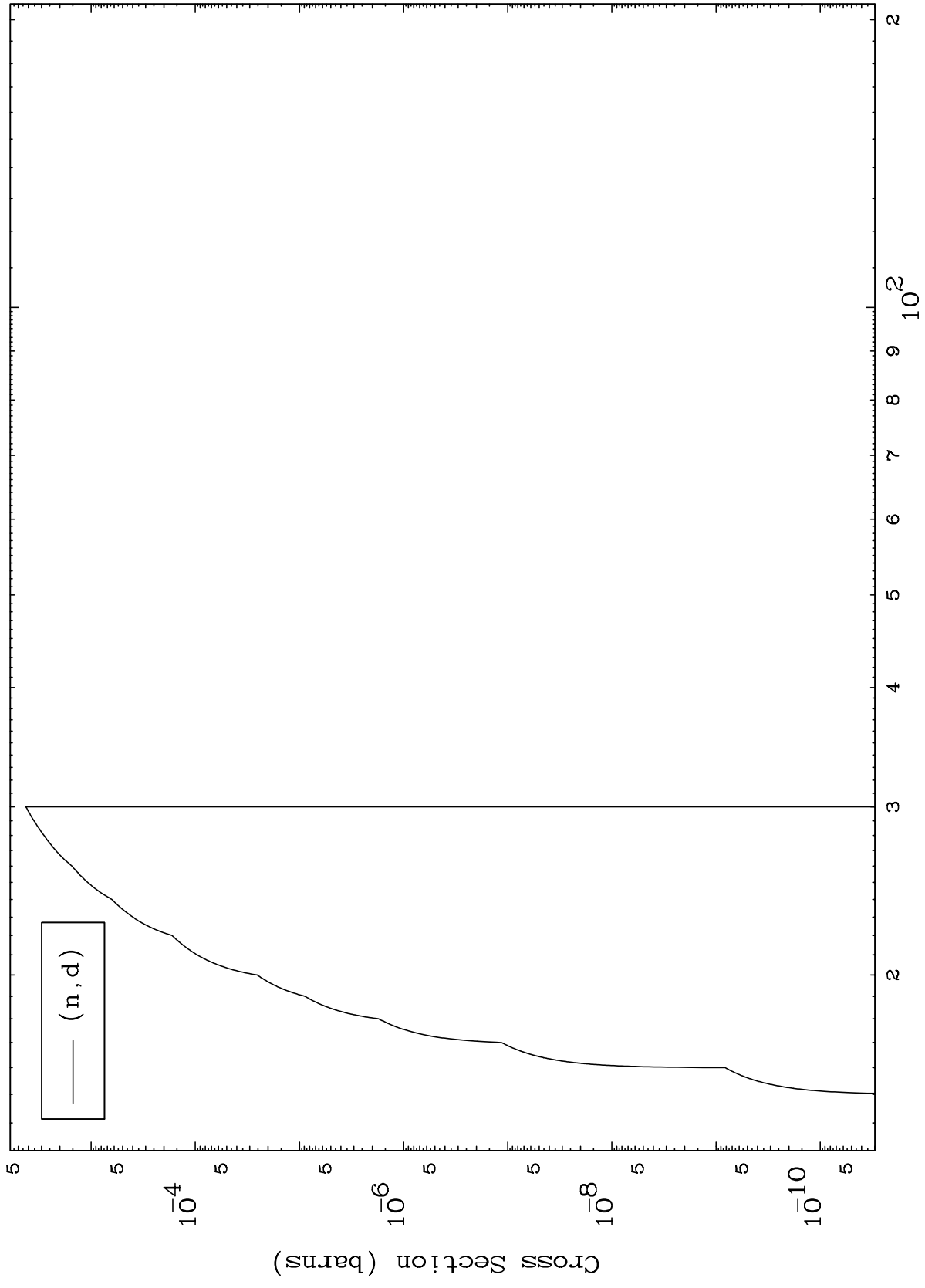
40-Zr-90



MAT 4025

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

40-Zr-90



7

Incident Energy (MeV)

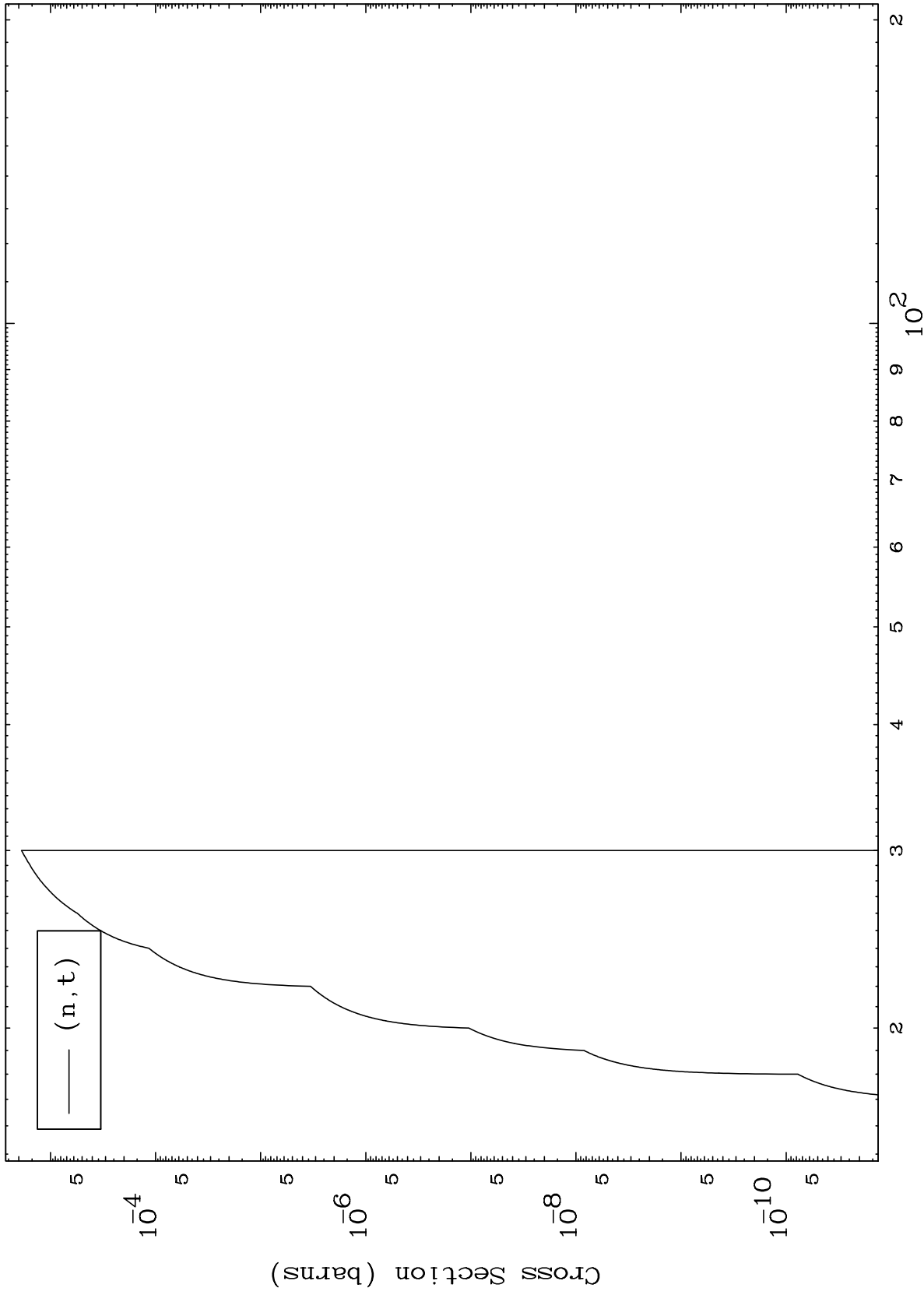
40-Zr-90



MAT 4025

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

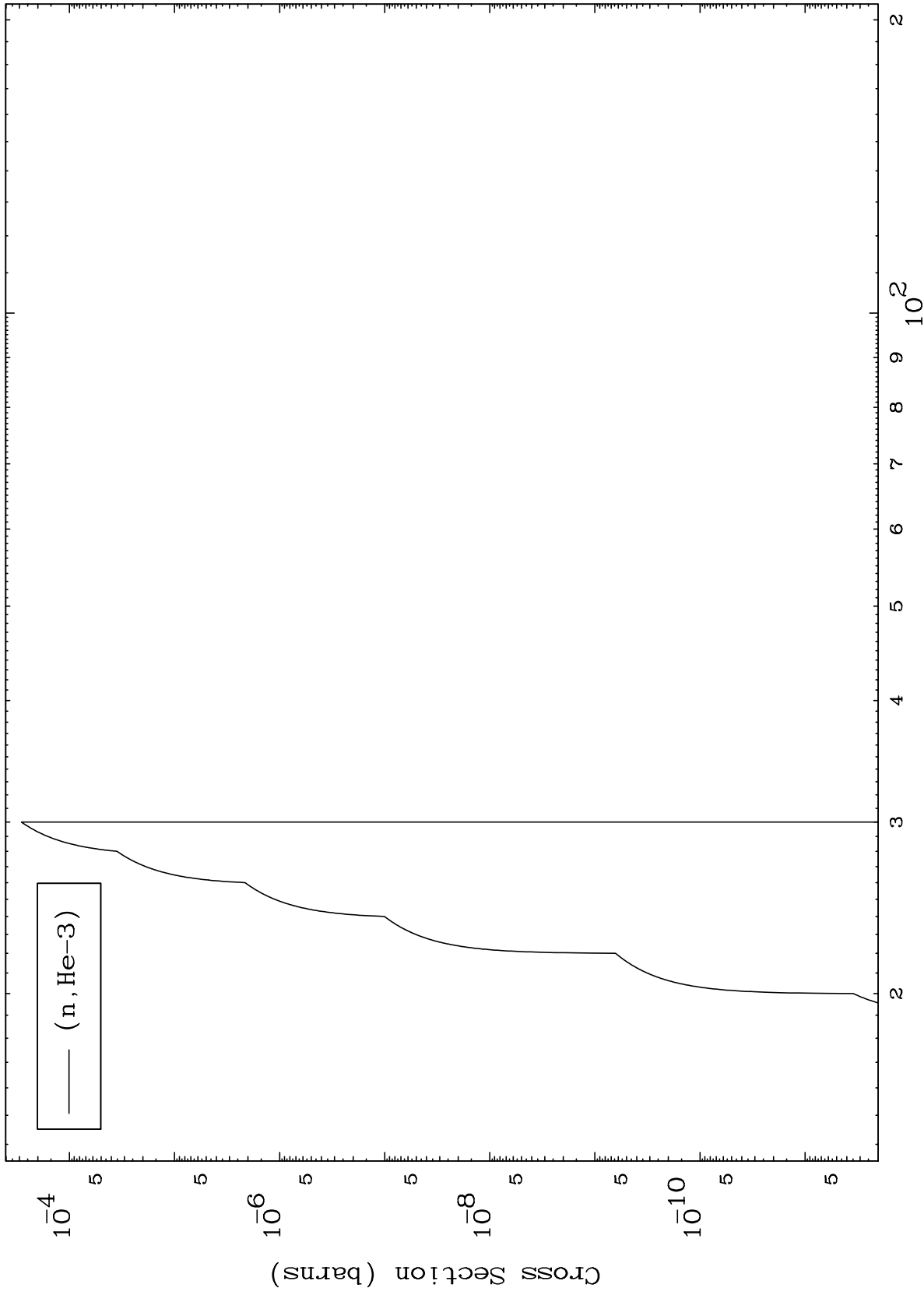
40-Zr-90



8

Incident Energy (MeV)

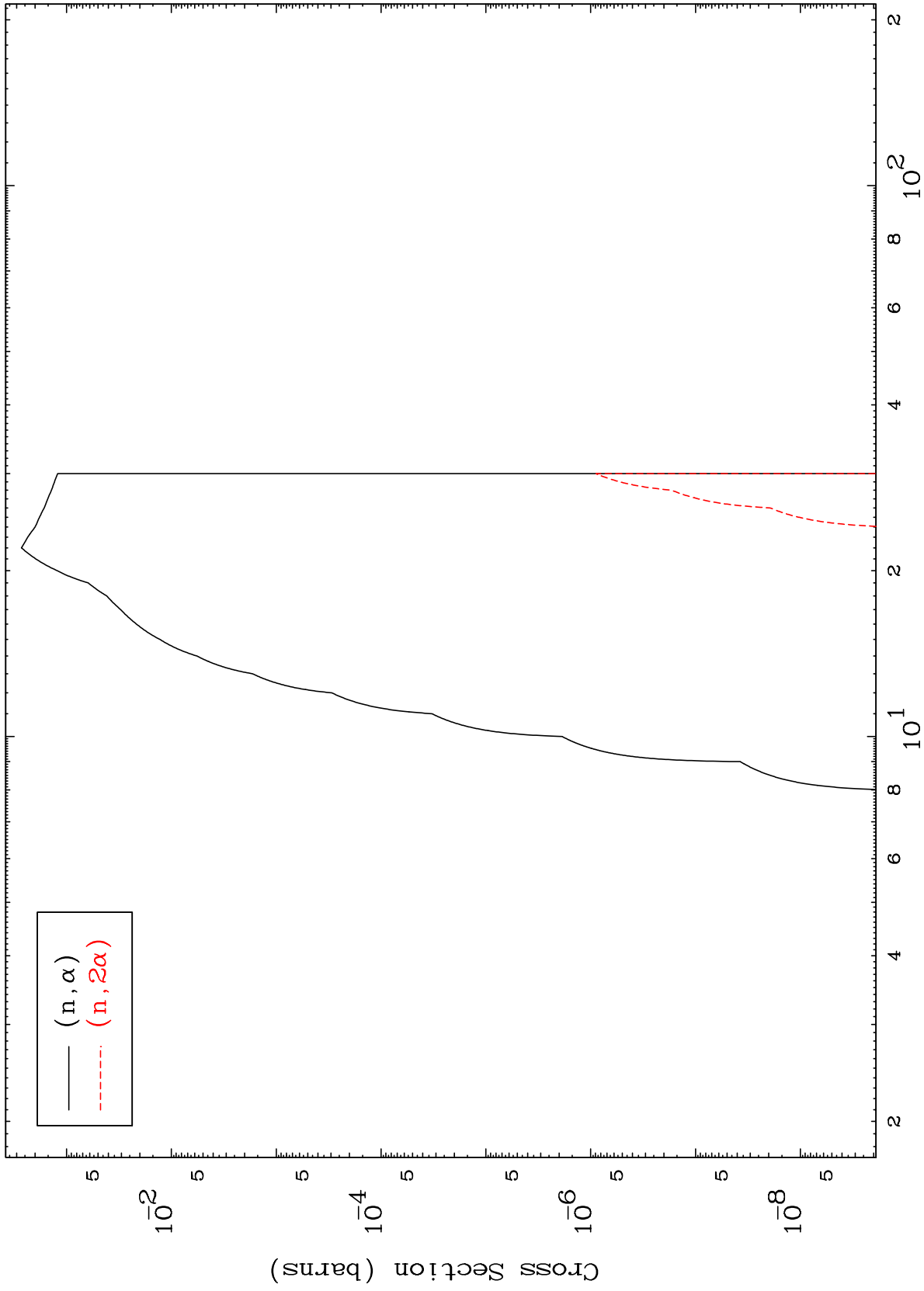
40-Zr-90



MAT 4025

$(\alpha, \alpha)$  Levels  
0 Kelvin Cross Sections

40-Zr-90



10

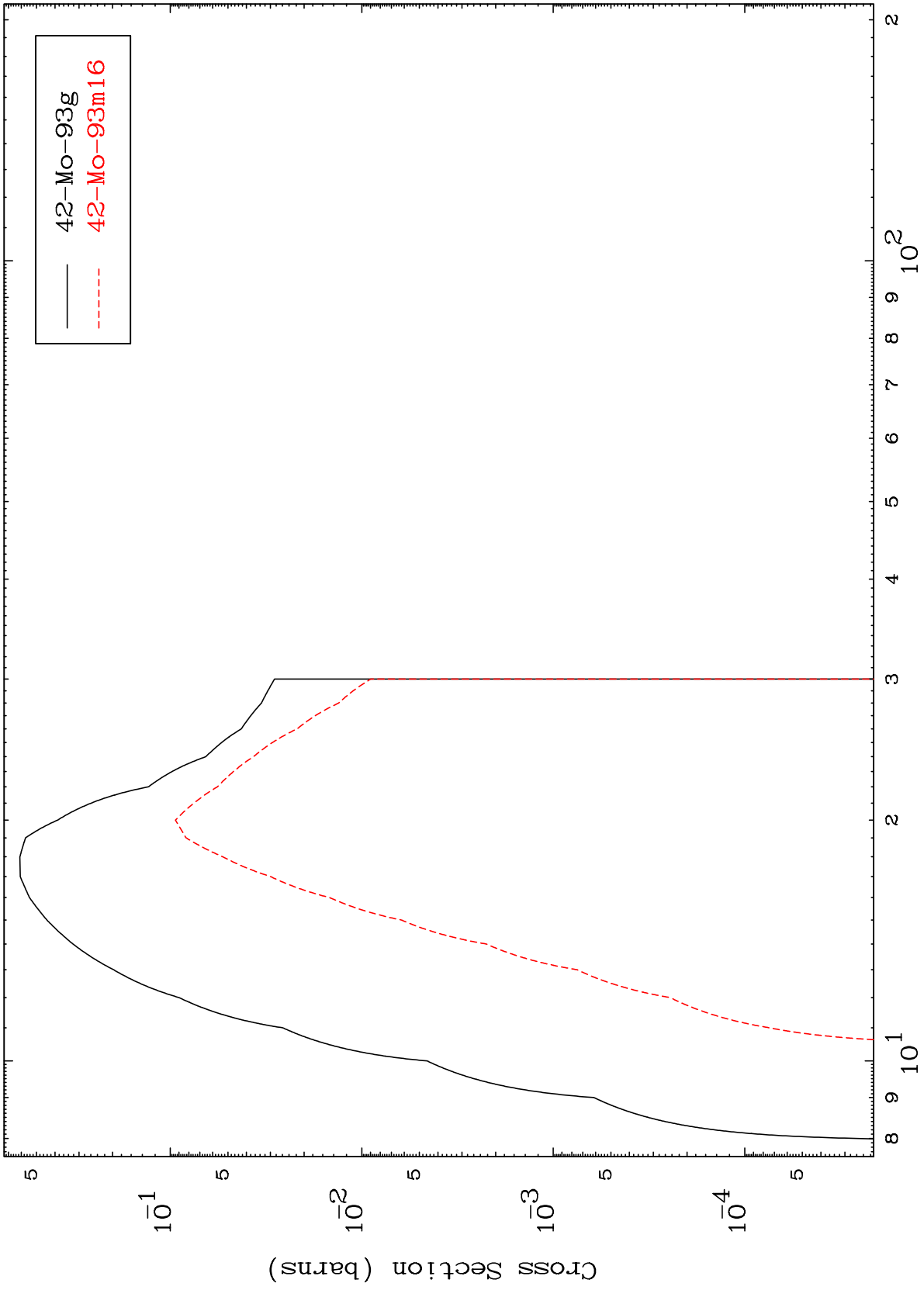
Incident Energy (MeV)

40-Zr-90

MAT 4025

Inelastic  
Radionuclide Production Cross Section

40-Zr-90



11

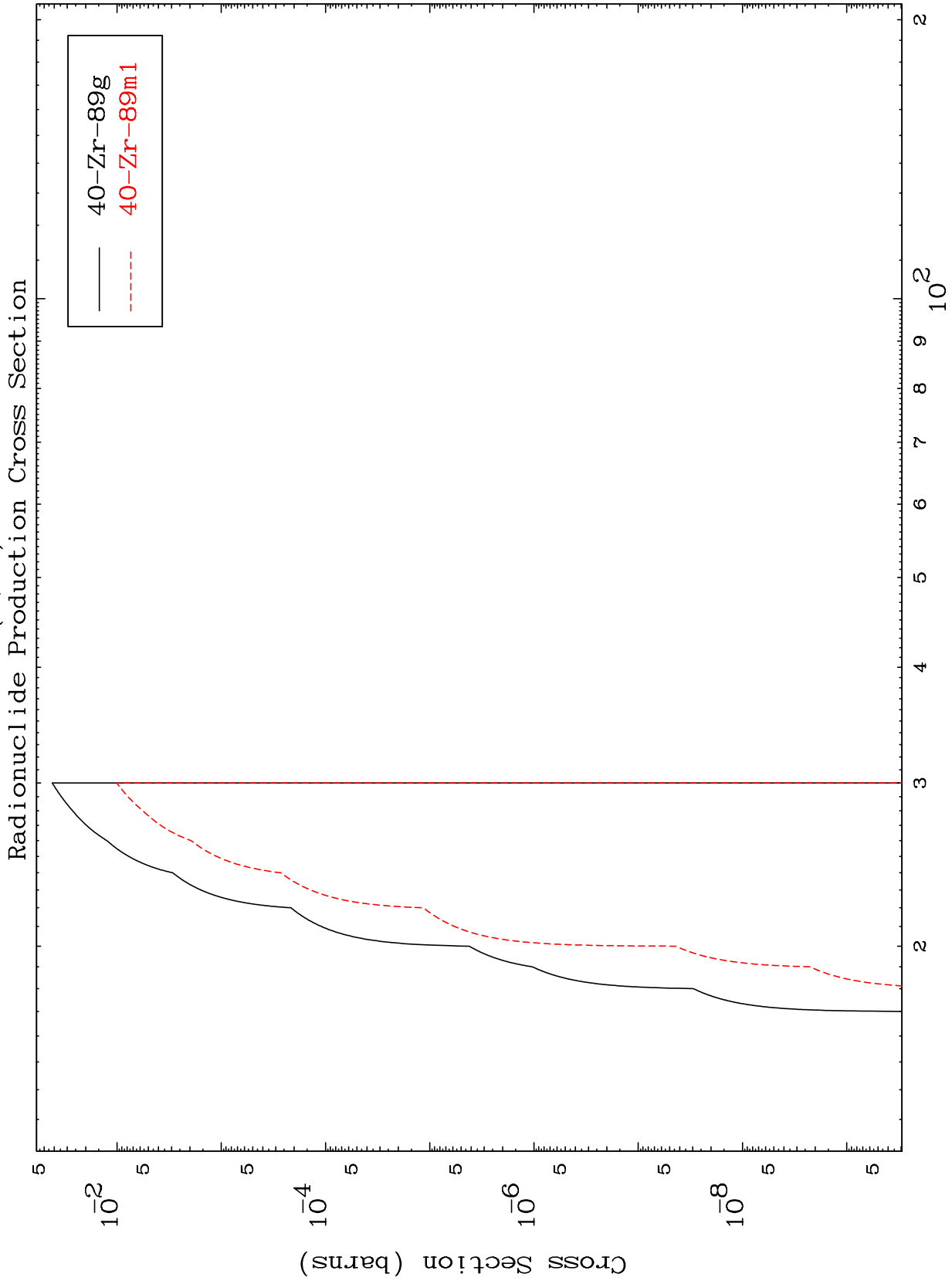
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,n')  $\alpha$

40-Zr-90



12

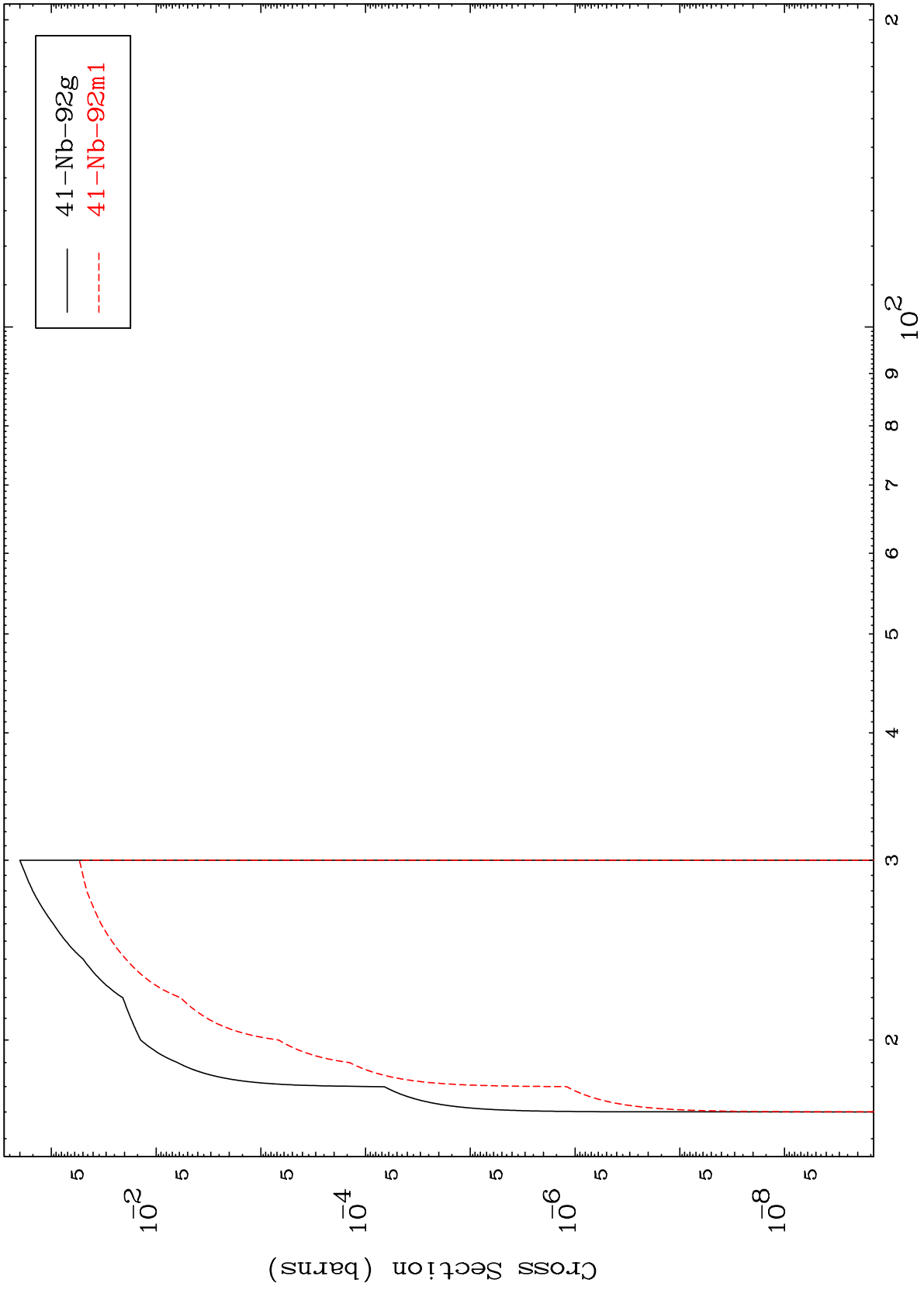
40-Zr-90

MAT 4025

(n,n') p

40-Zr-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

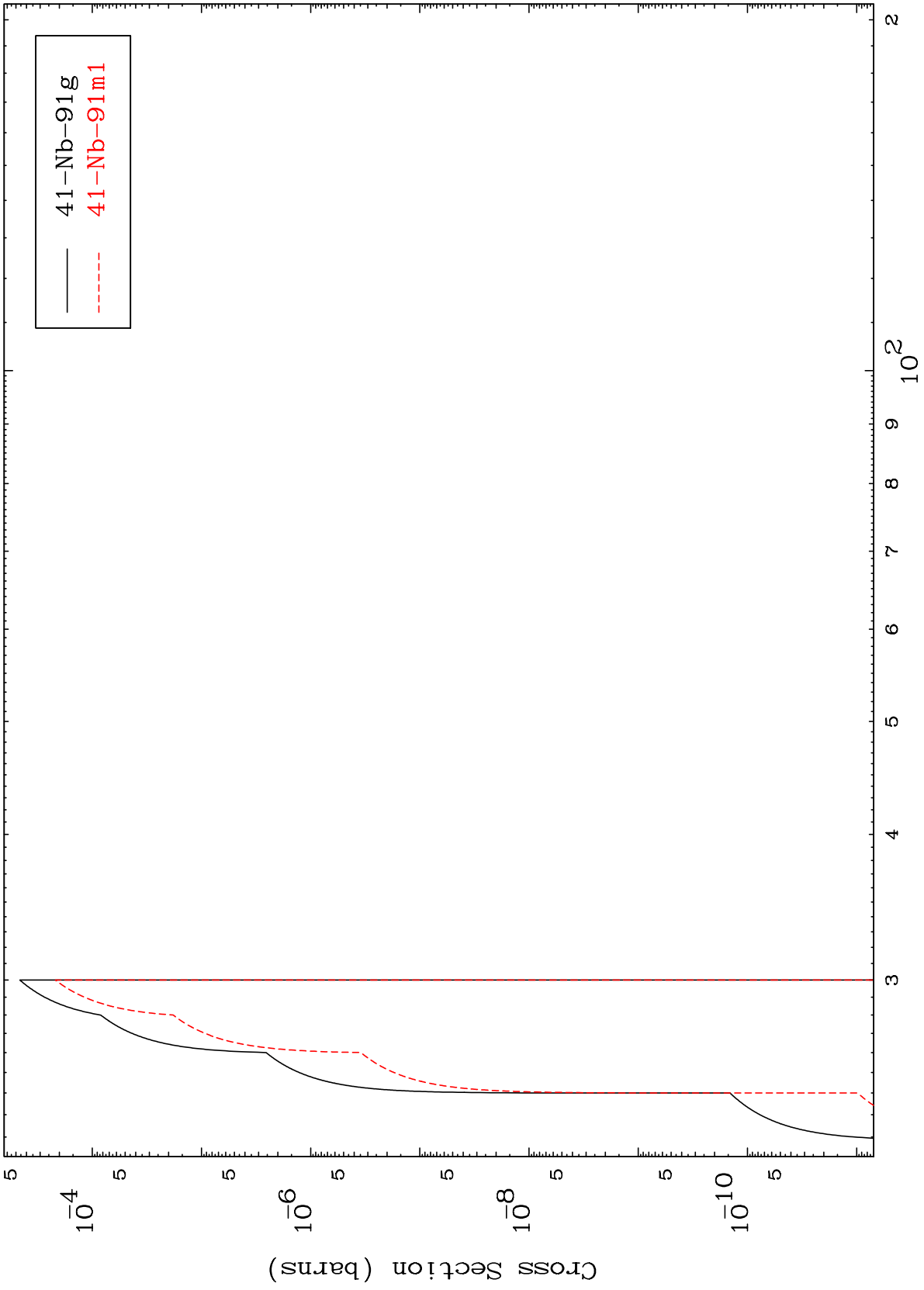
40-Zr-90

MAT 4025

(n,n') d

40-Zr-90

Radionuclide Production Cross Section

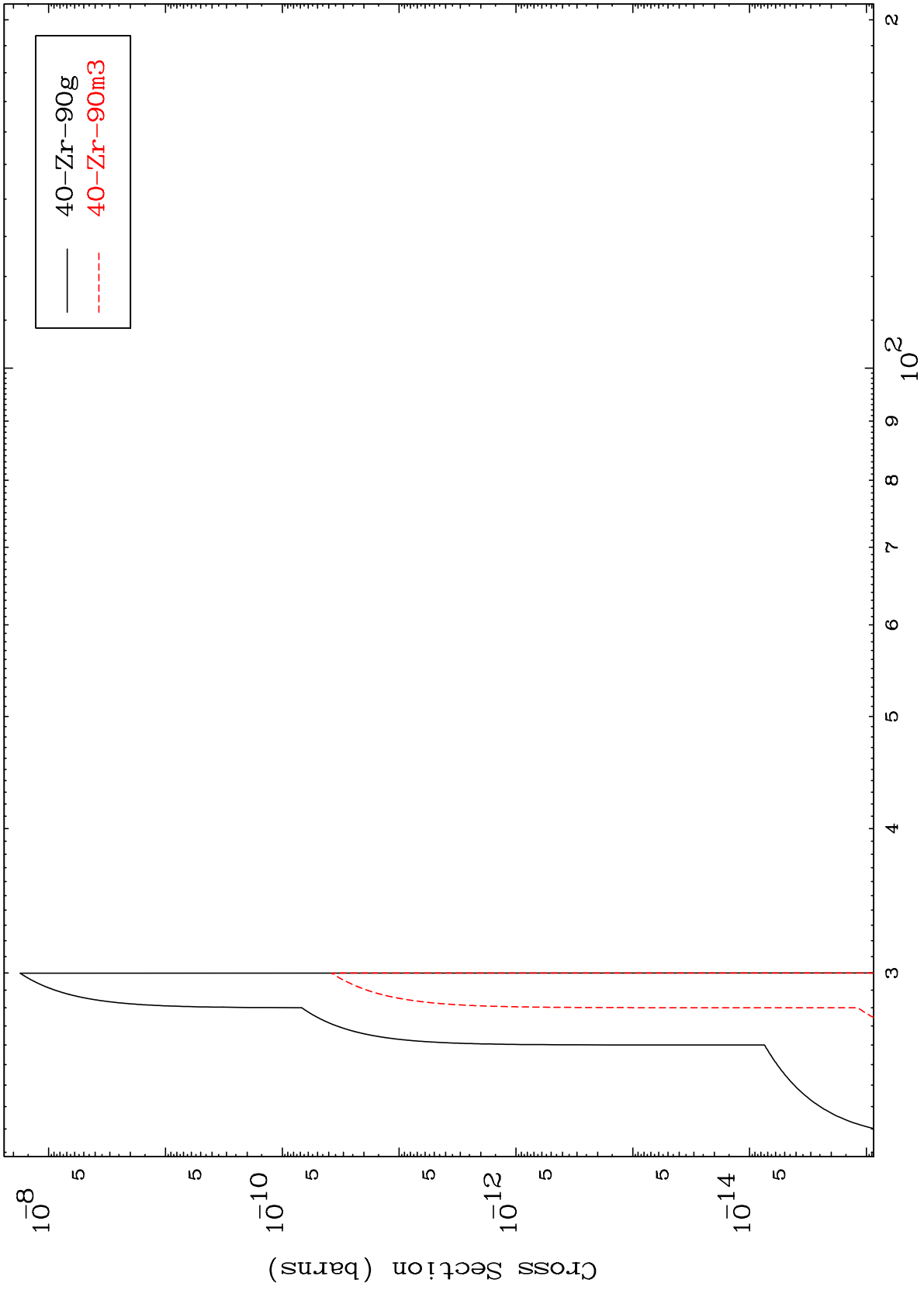


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Incident Energy (MeV)

40-Zr-90

Radionuclide Production Cross Section



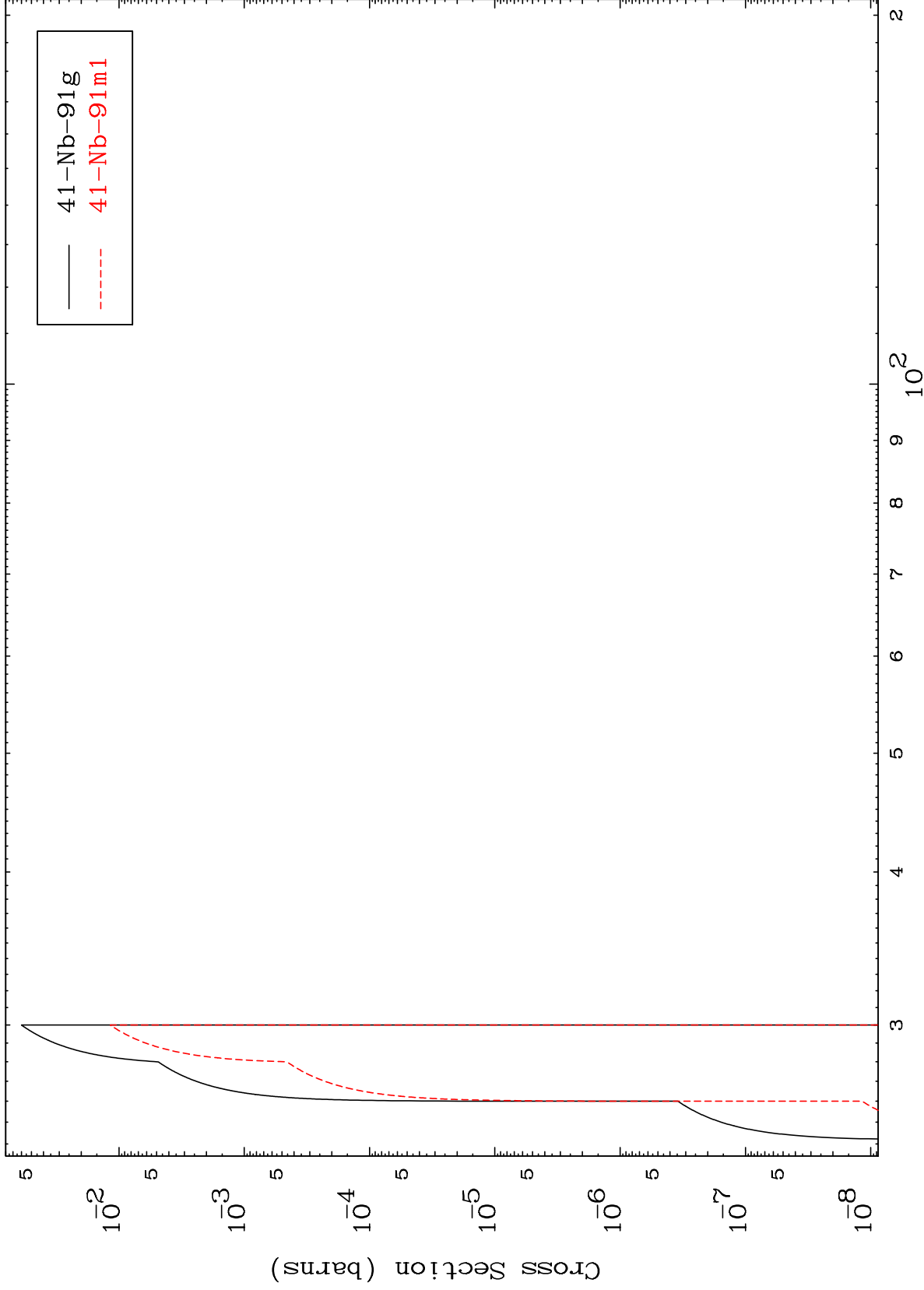


MAT 4025

(n,2n) p

40-Zr-90

Radionuclide Production Cross Section



16

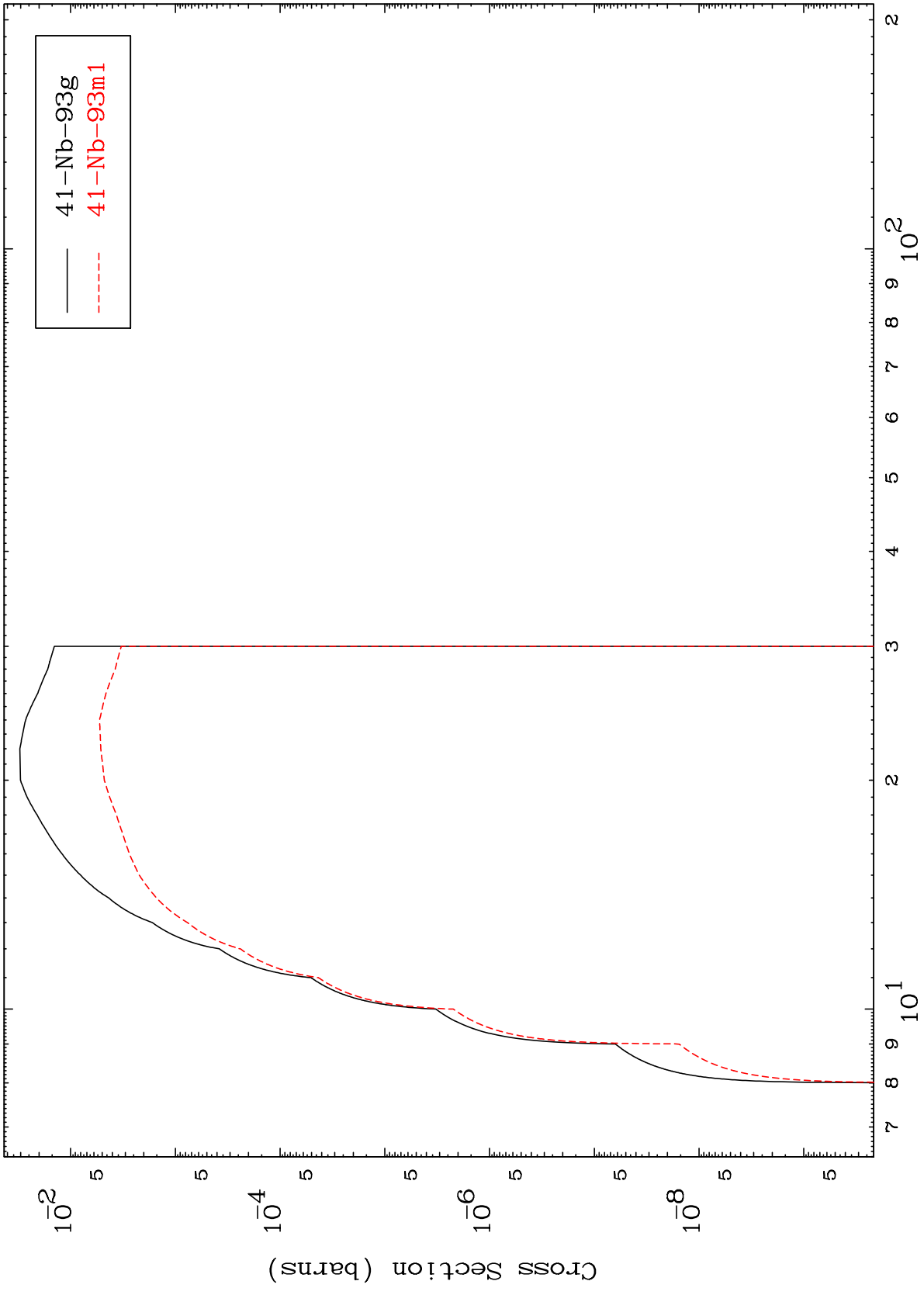
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section (n,p)



17

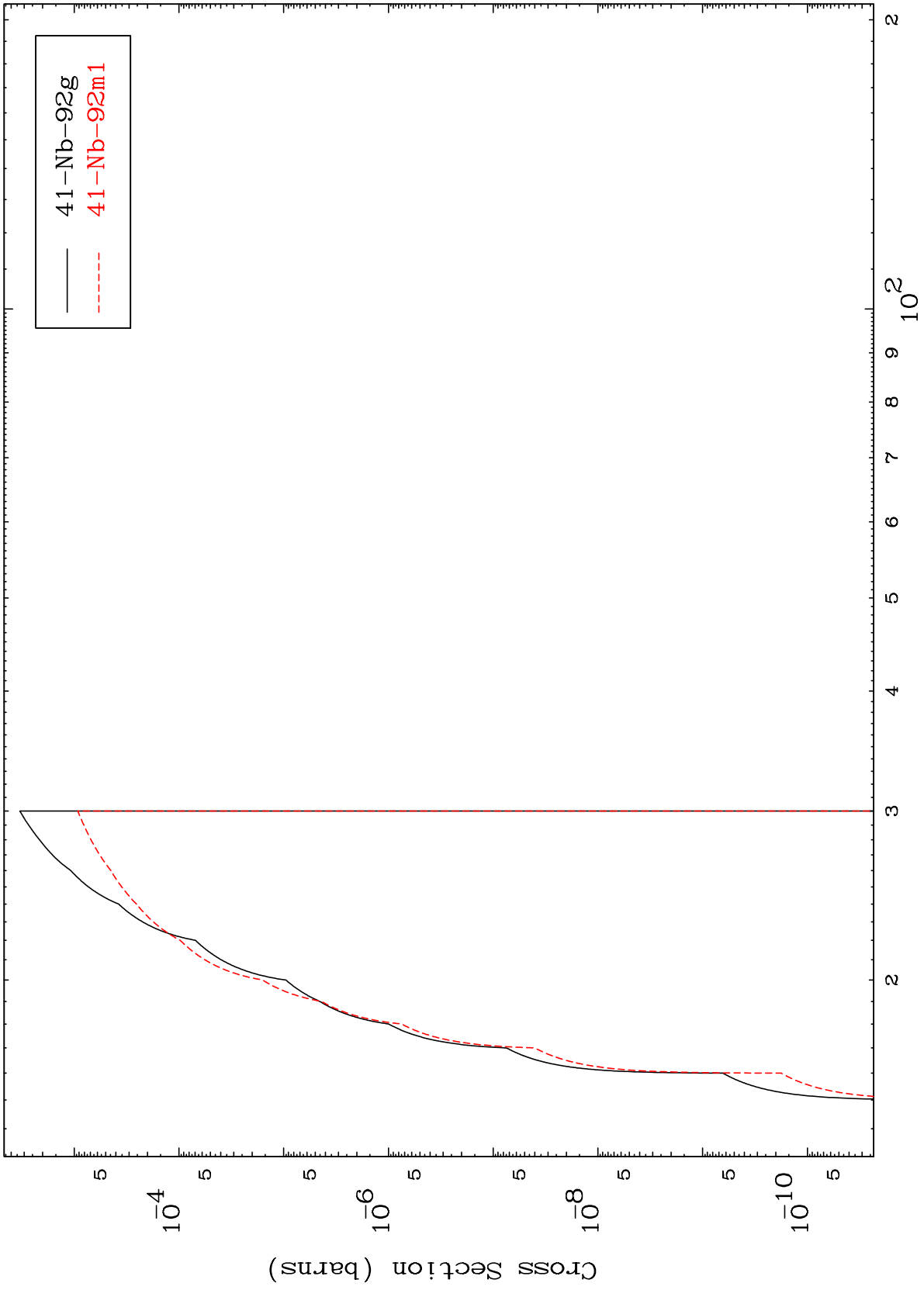
40-Zr-90

MAT 4025

(n,d)

40-Zr-90

Radionuclide Production Cross Section



18

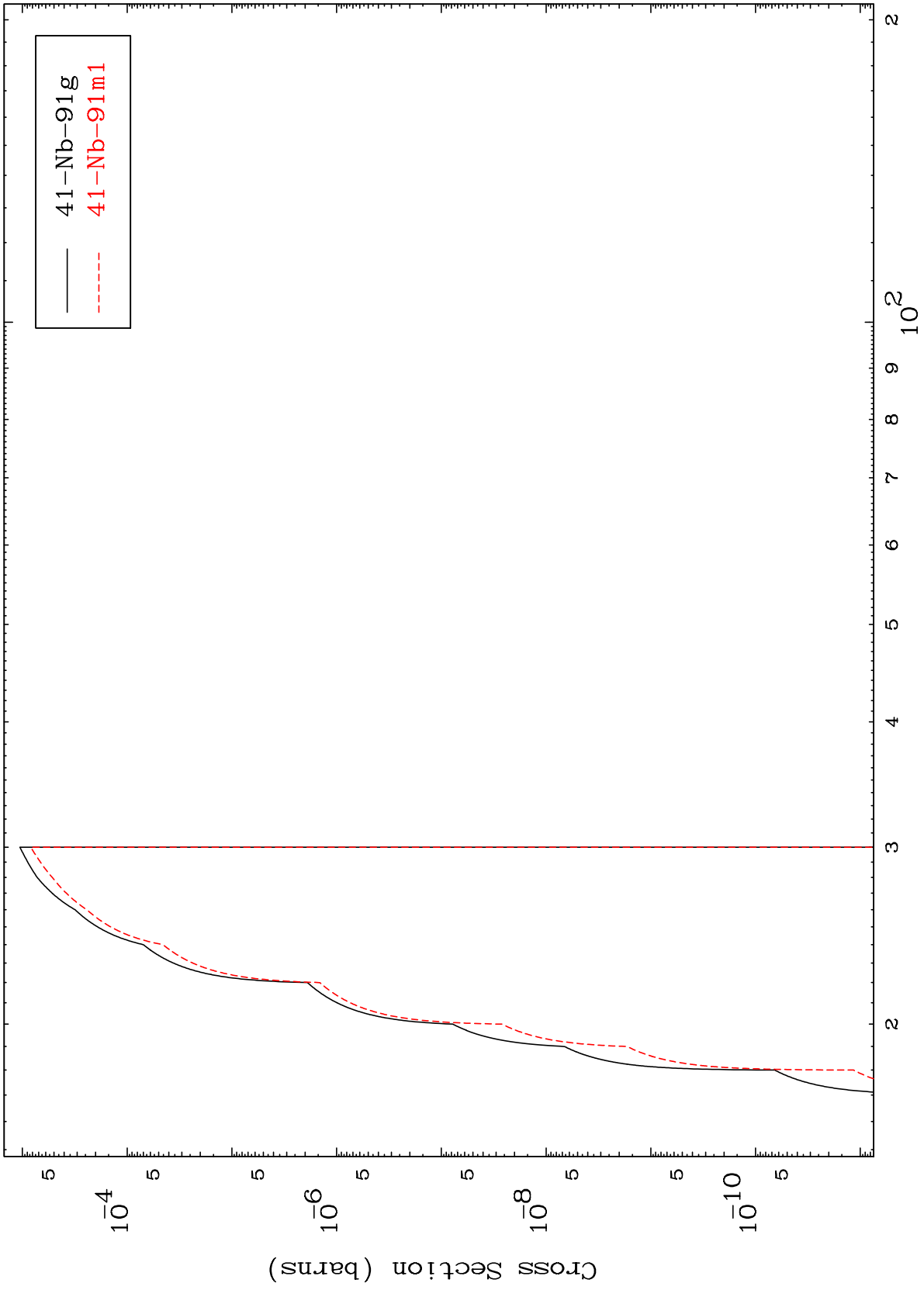
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

(n, t)  
Radionuclide Production Cross Section



19

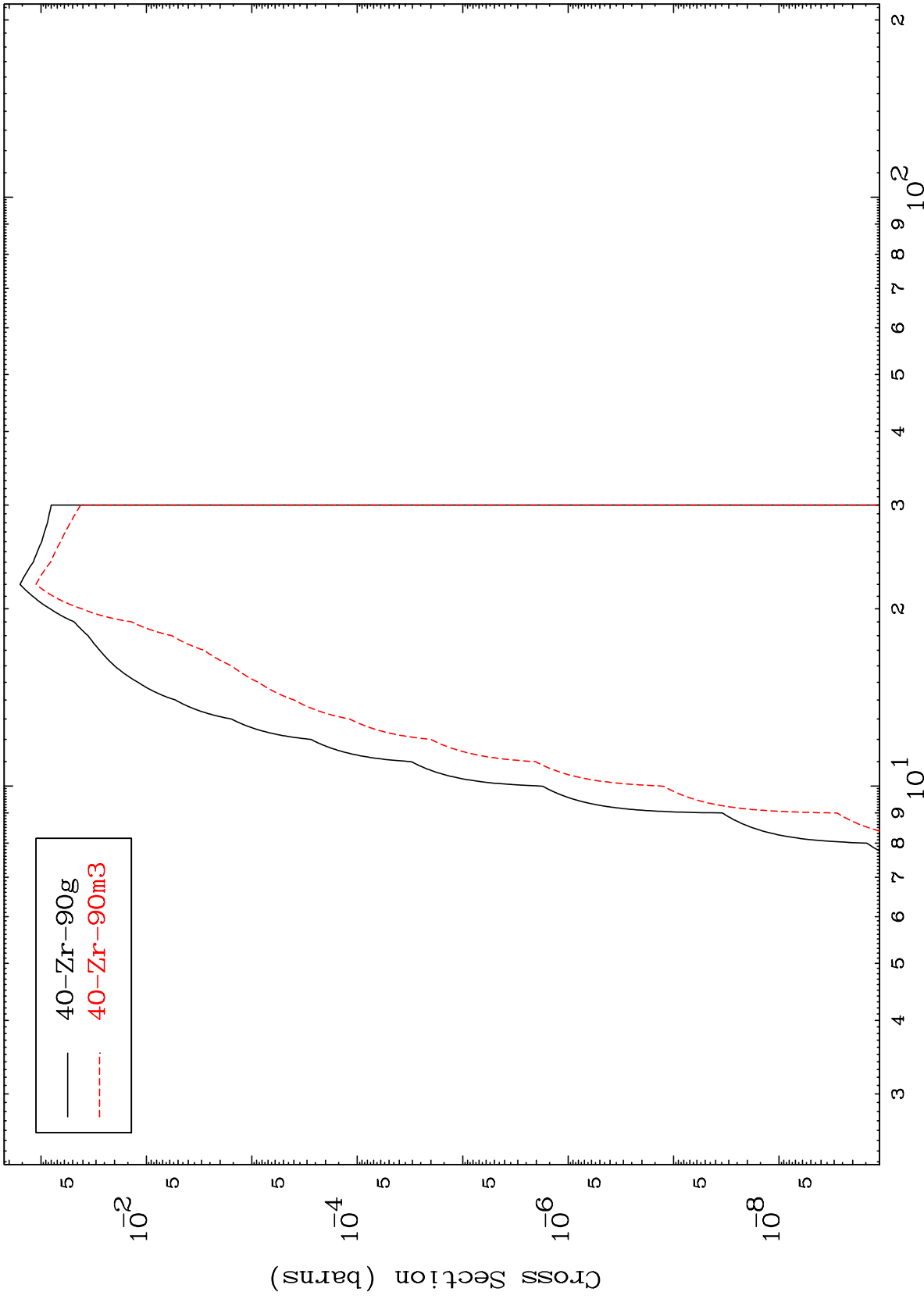
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section



20

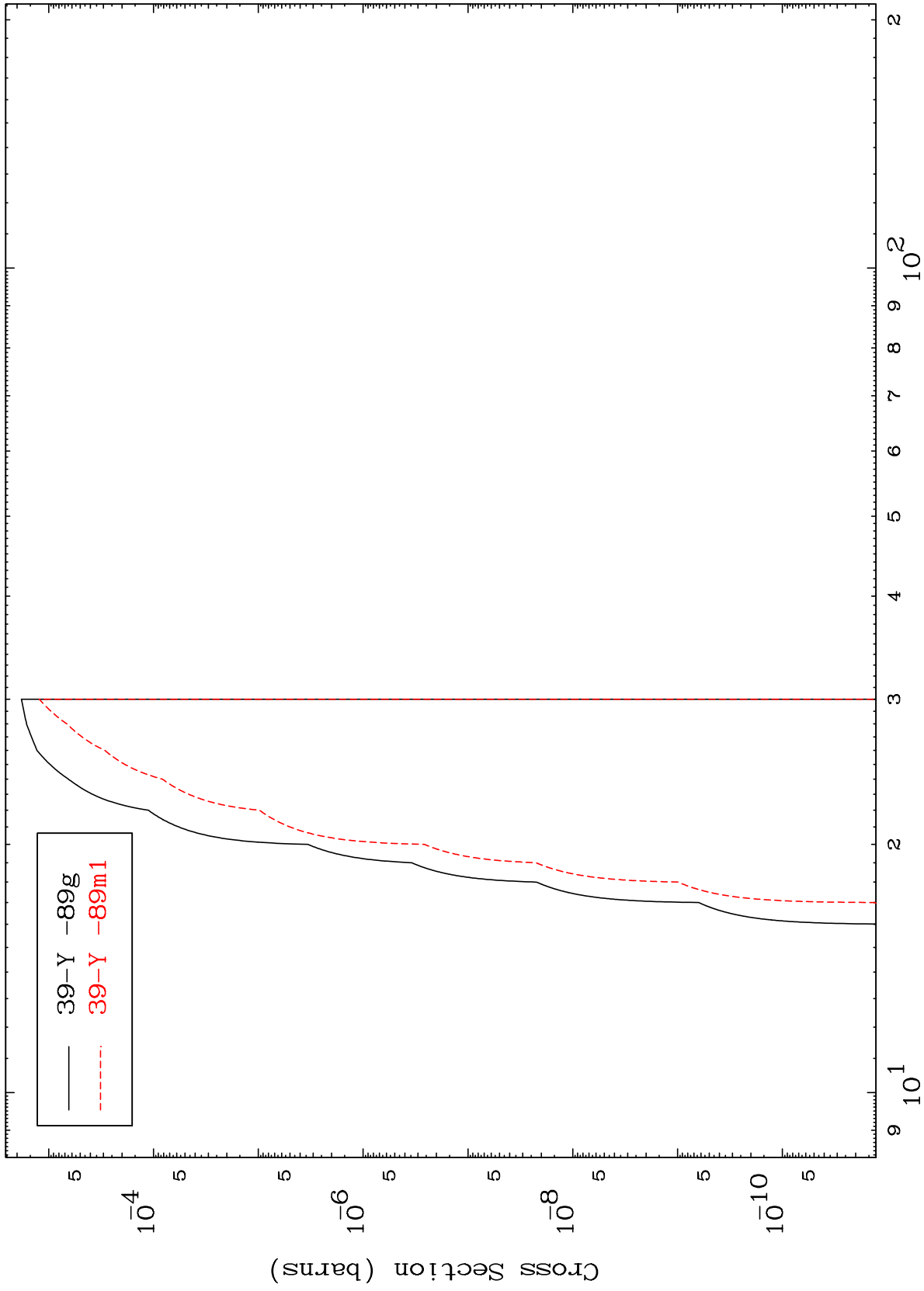
40-Zr-90

MAT 4025

(n,p)  $\alpha$

40-Zr-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

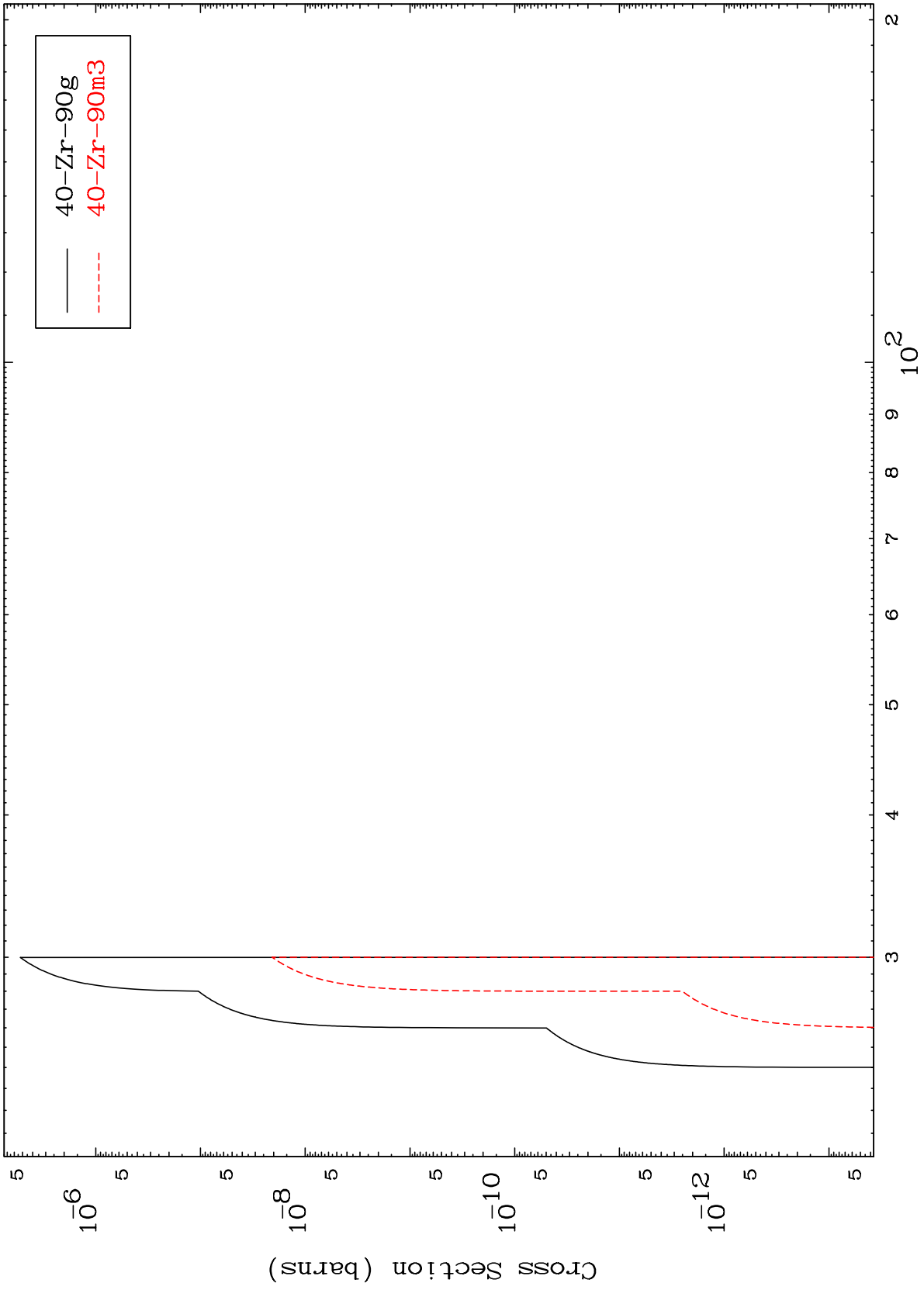
40-Zr-90

MAT 4025

(n,p) t

40-Zr-90

Radionuclide Production Cross Section



22

Incident Energy (MeV)

40-Zr-90