

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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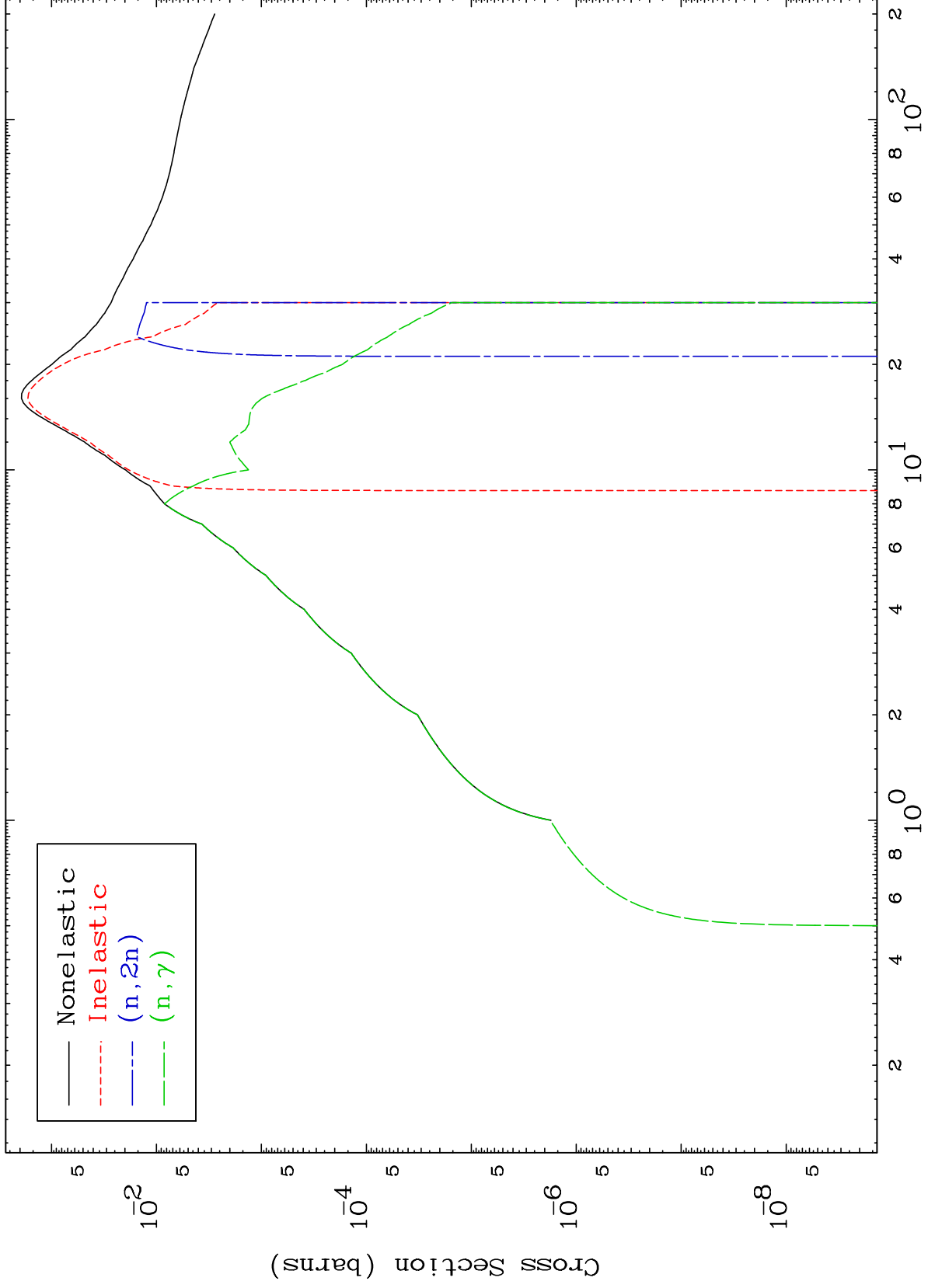
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4023

0 Kelvin Major  
Photon Cross Sections

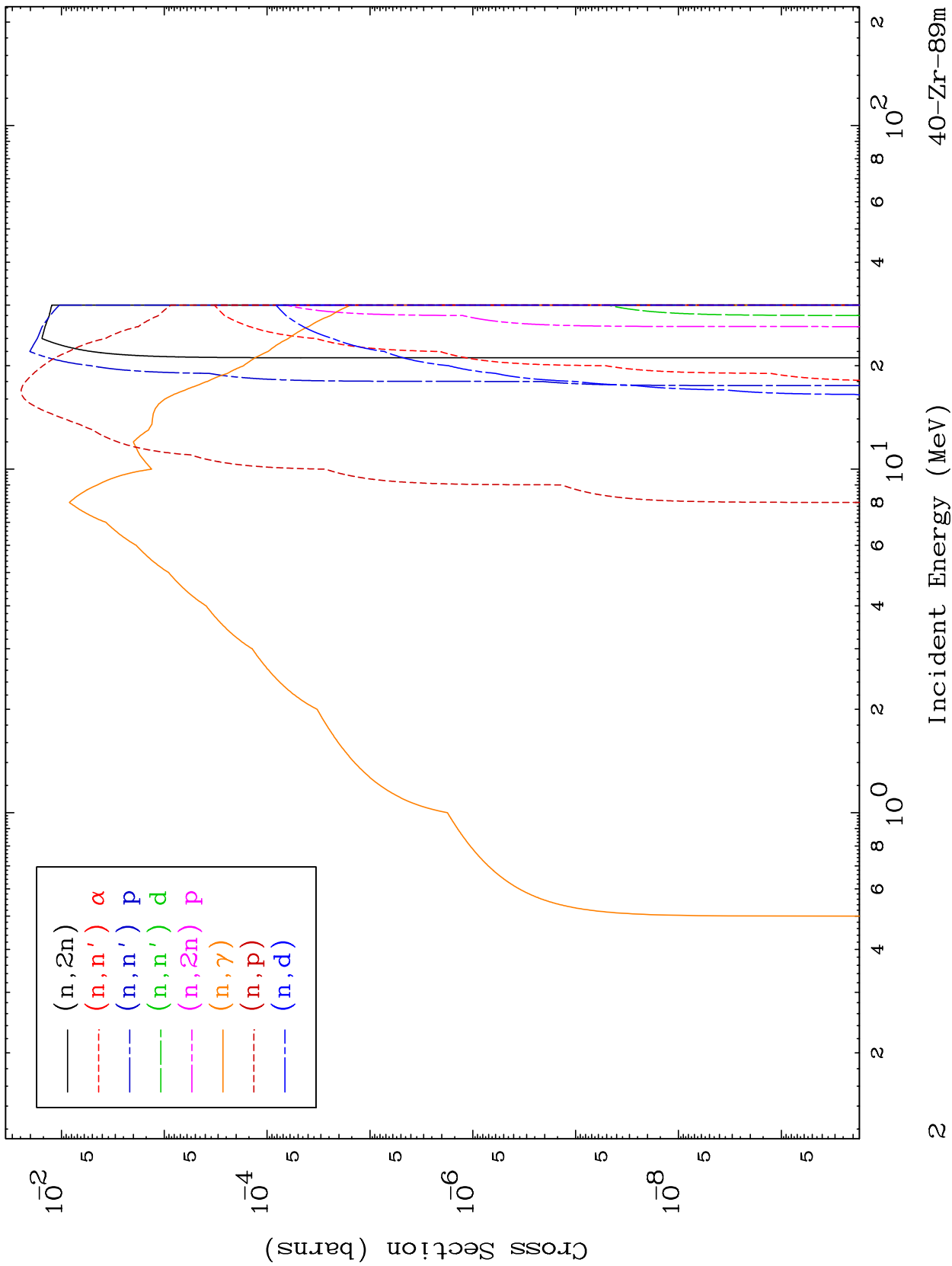
40-Zr-89m

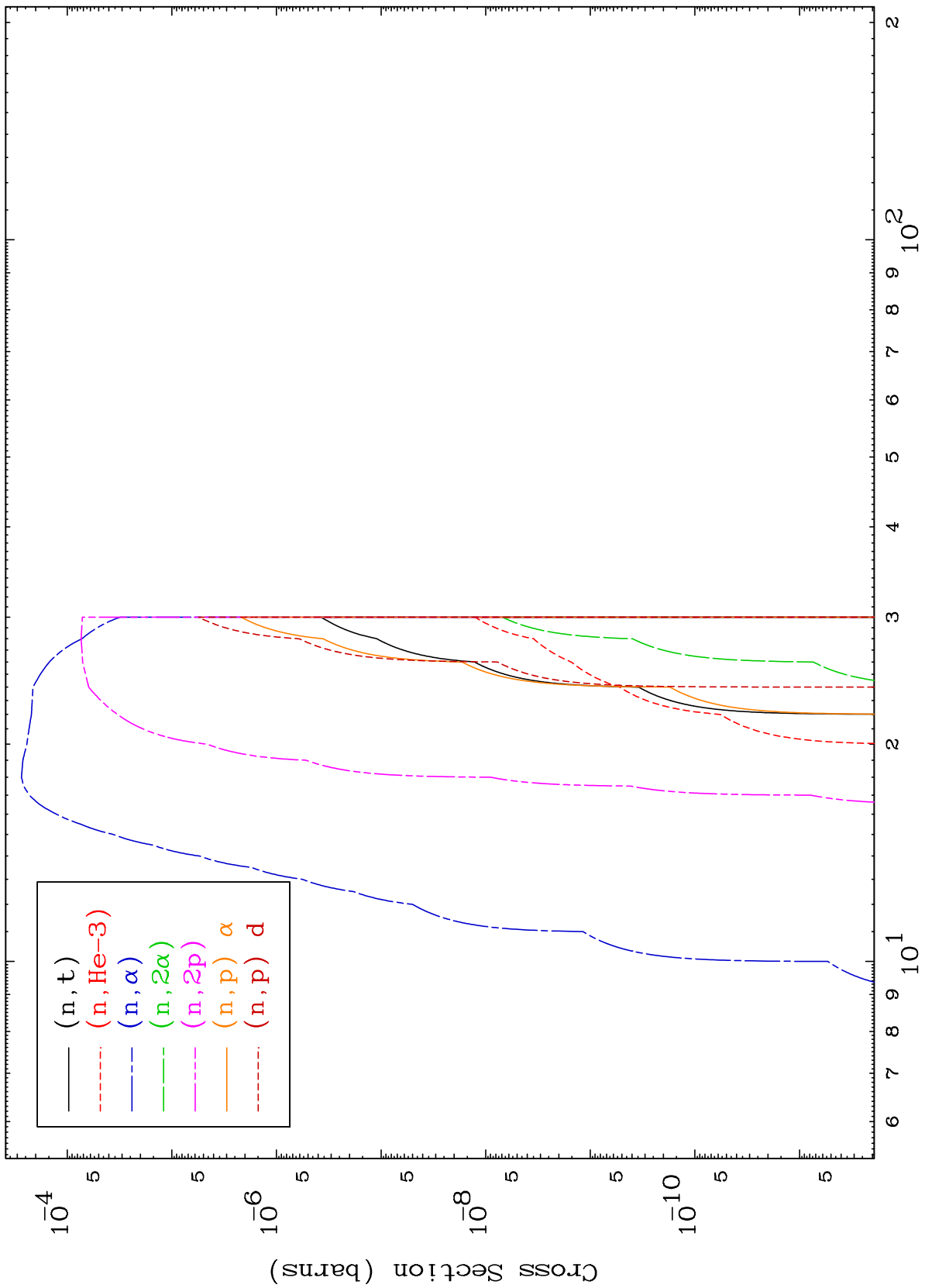


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)

40-Zr-89m

Incident Energy (MeV)

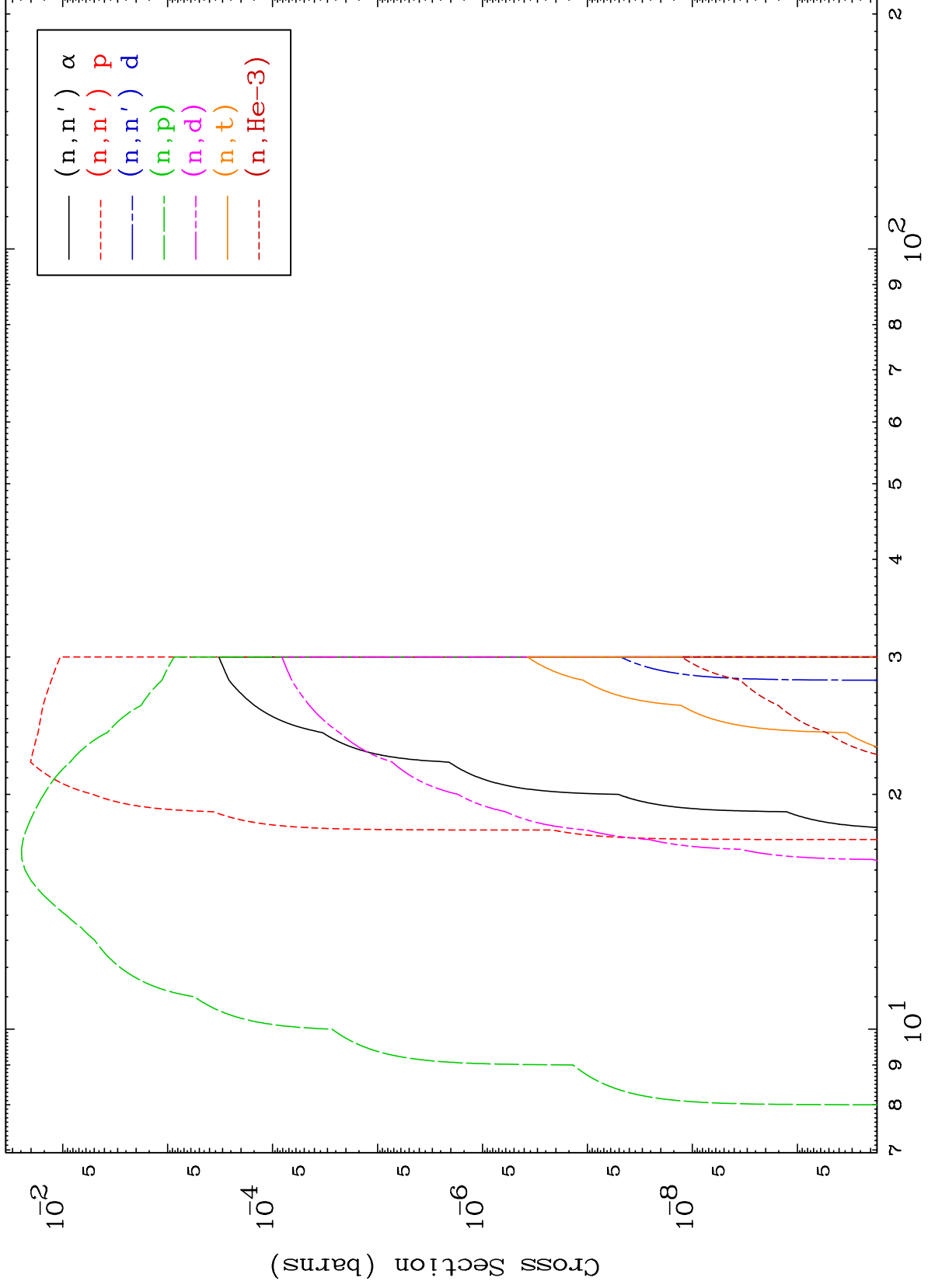




MAT 4023

Photon Charged Particle  
0 Kelvin Cross Sections

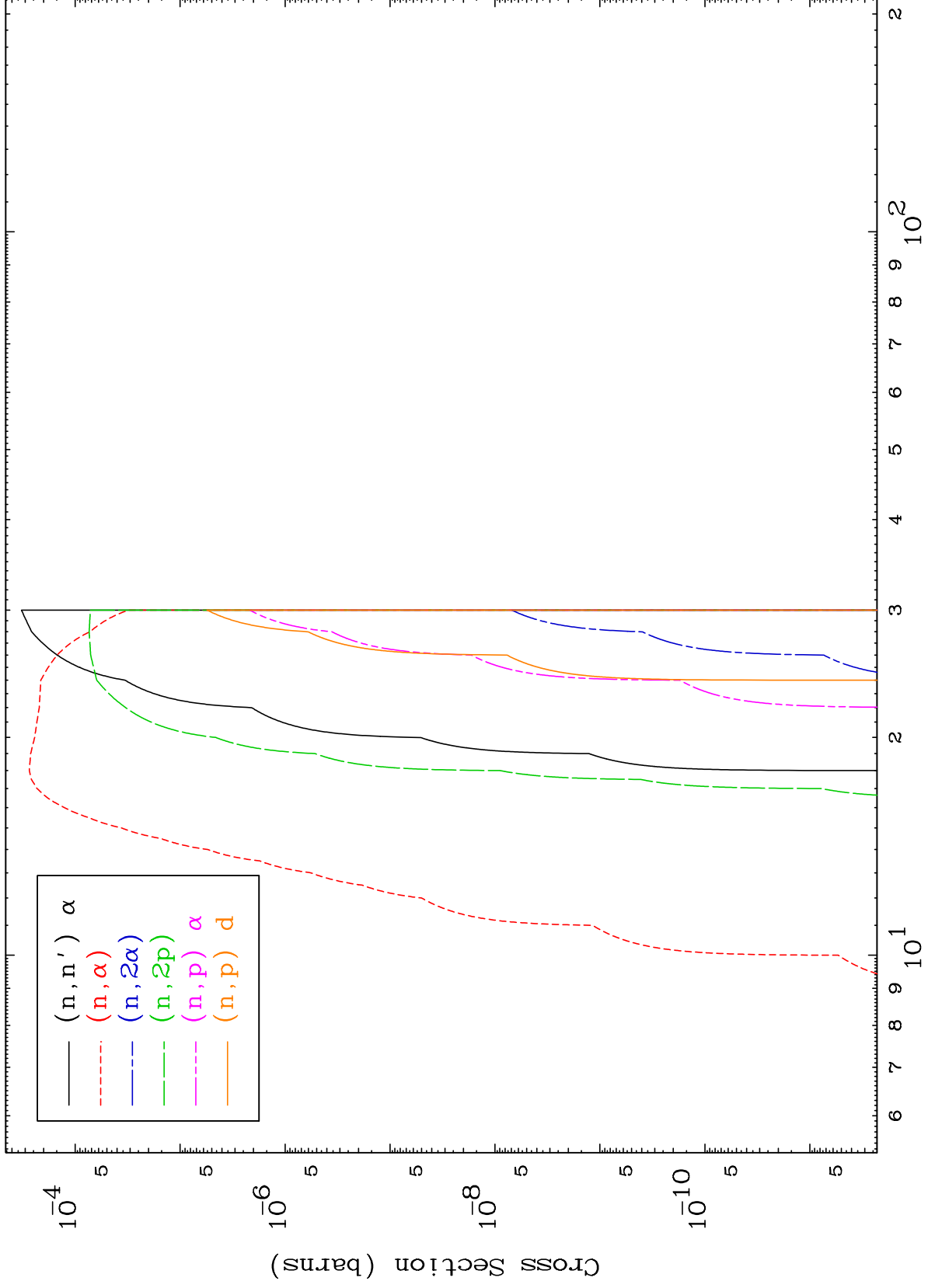
40-Zr-89m



MAT 4023

Photon Charged Particle  
0 Kelvin Cross Sections

40-Zr-89m



5

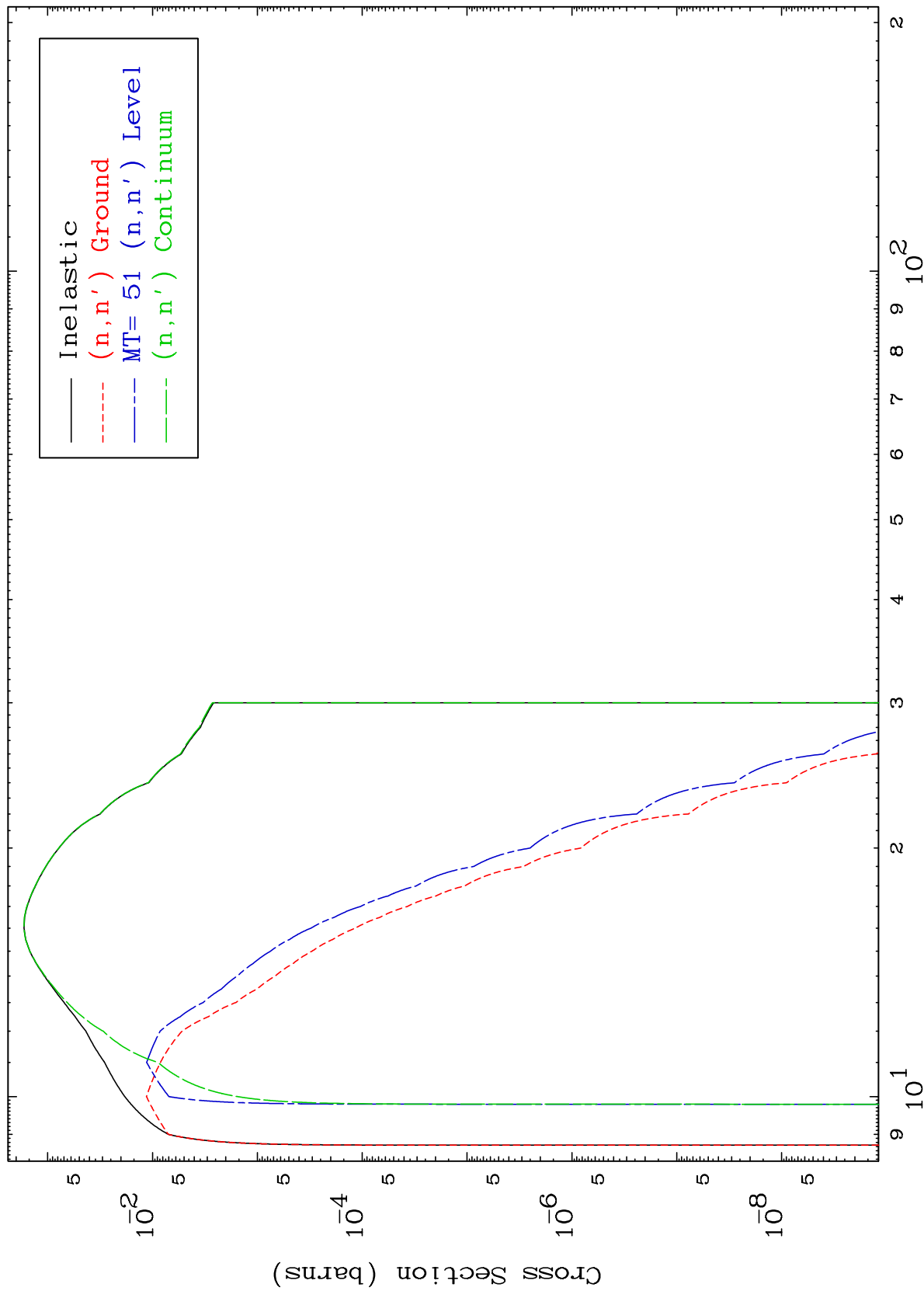
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



40-Zr-89m

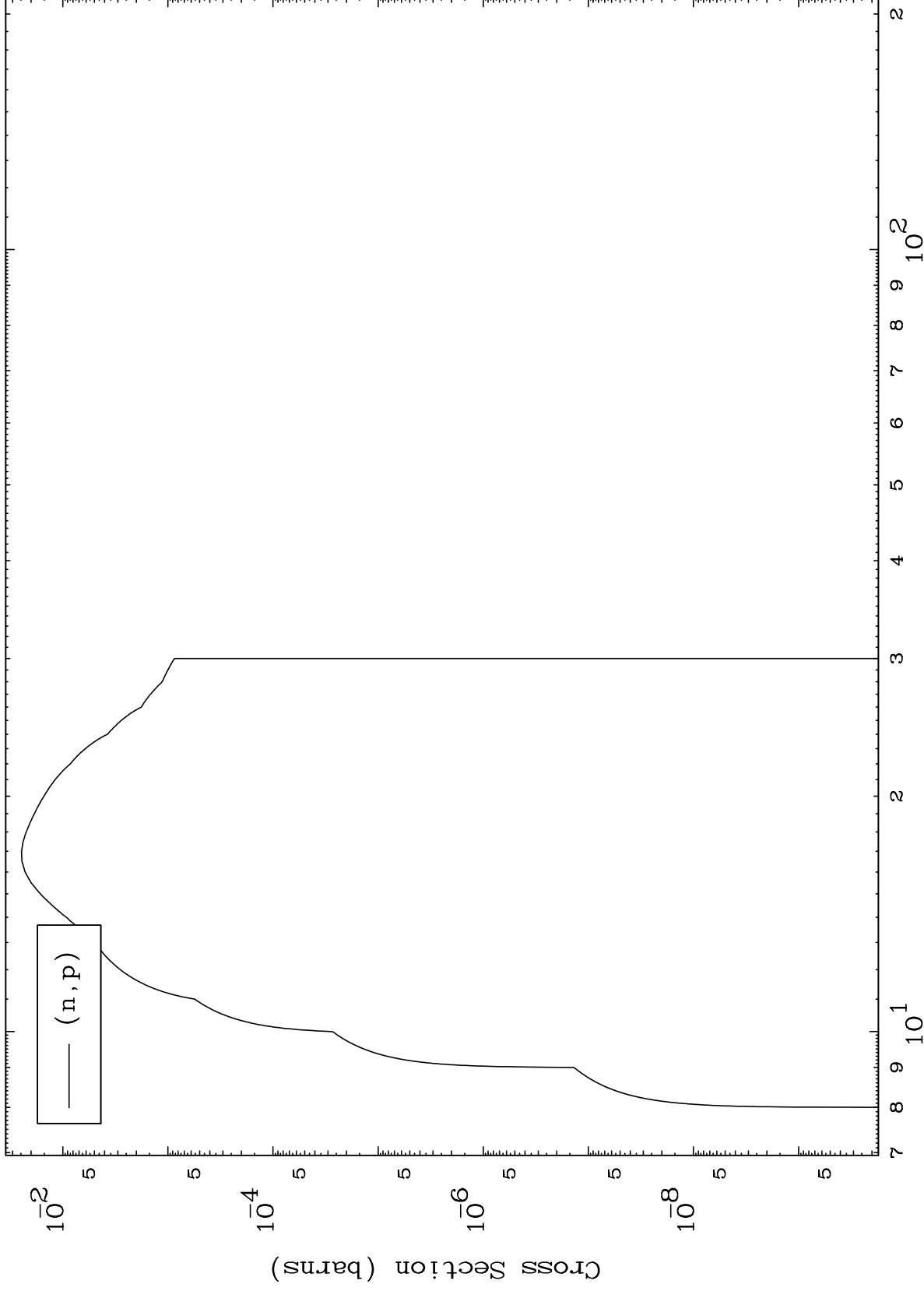
Incident Energy (MeV)

6

MAT 4023

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

40-Zr-89m



7

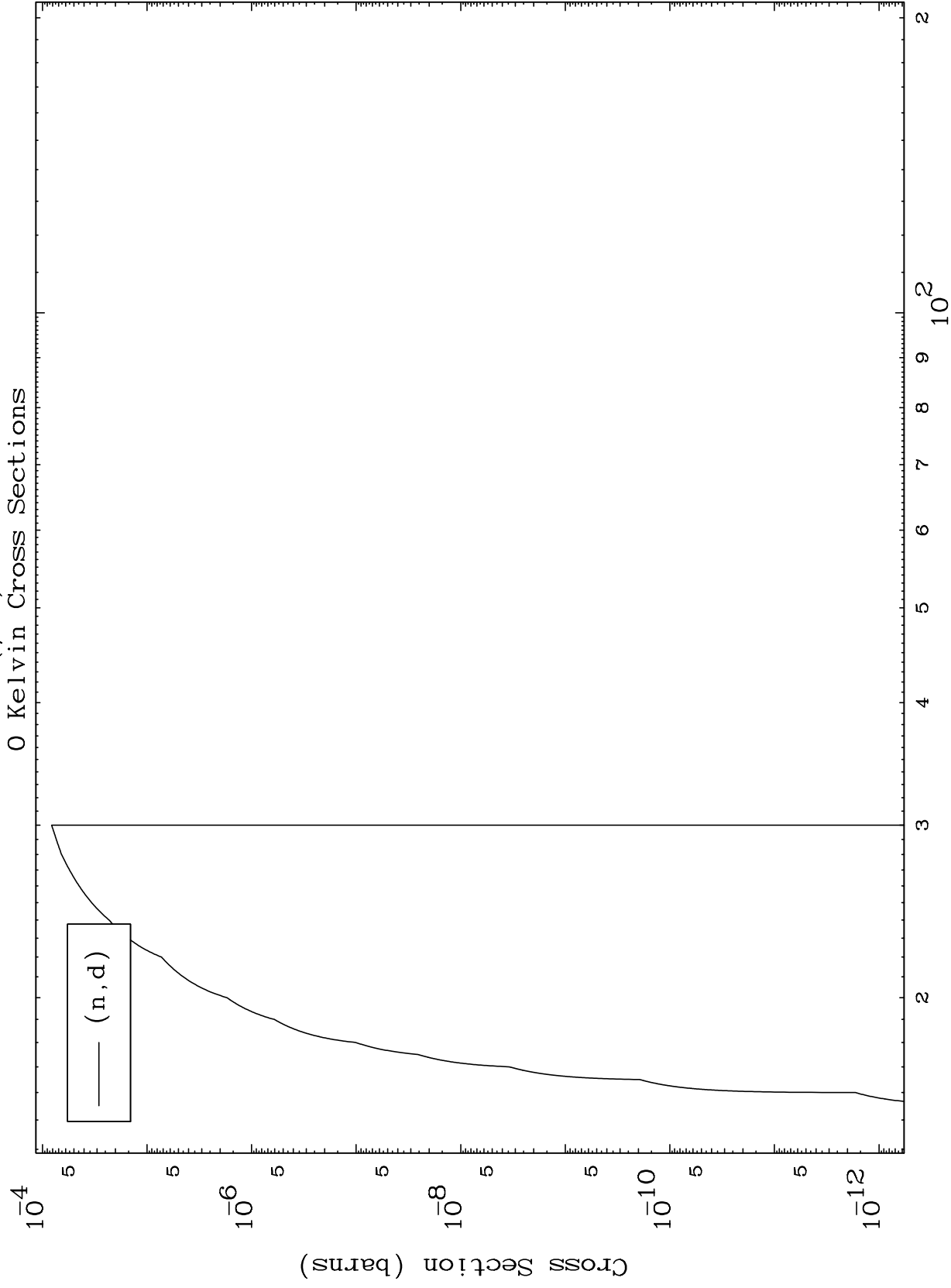
Incident Energy (MeV)

40-Zr-89m

MAT 4023

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

40-Zr-89m



8

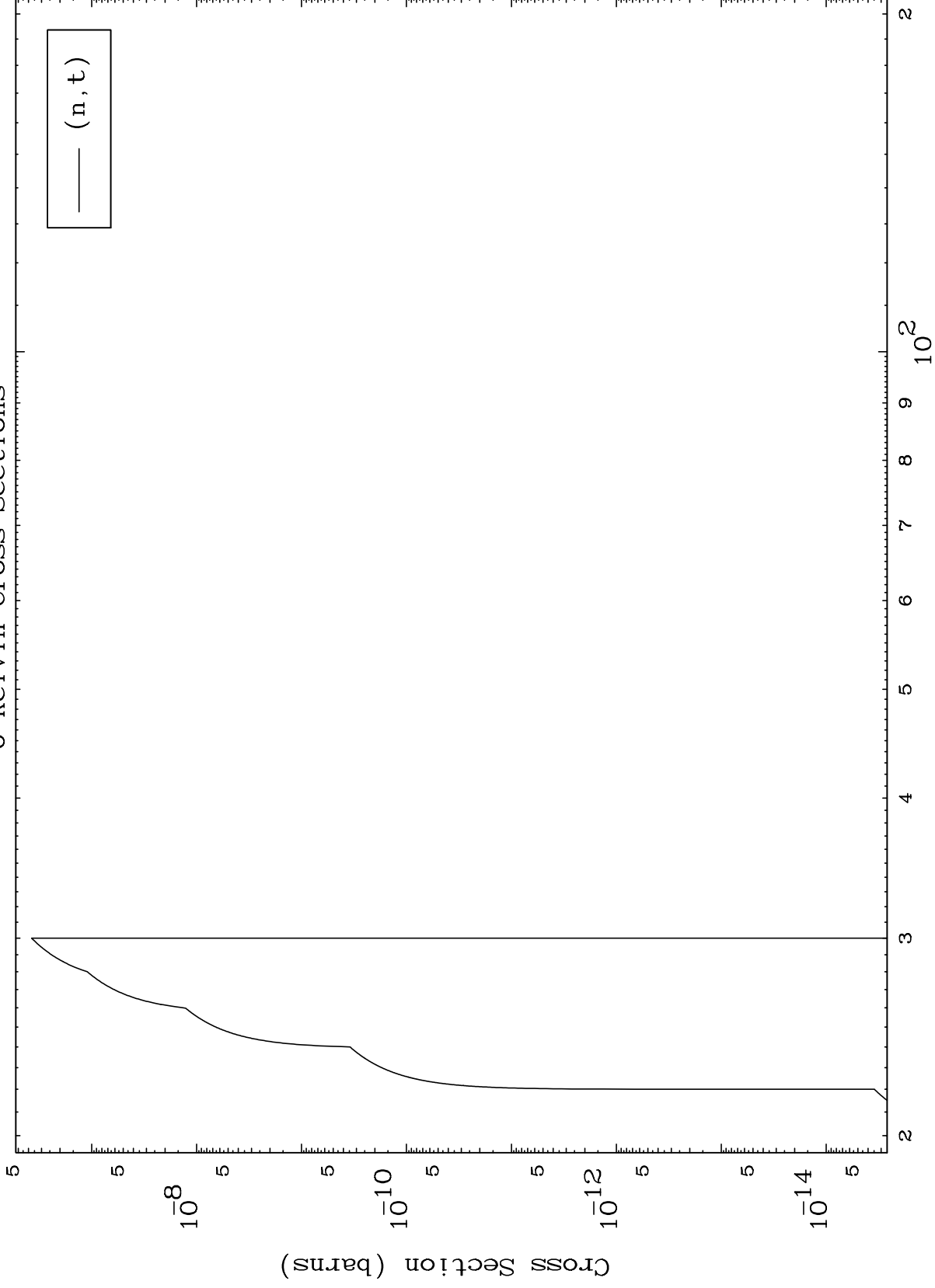
Incident Energy (MeV)

40-Zr-89m

MAT 4023

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

40-Zr-89m



9

Incident Energy (MeV)

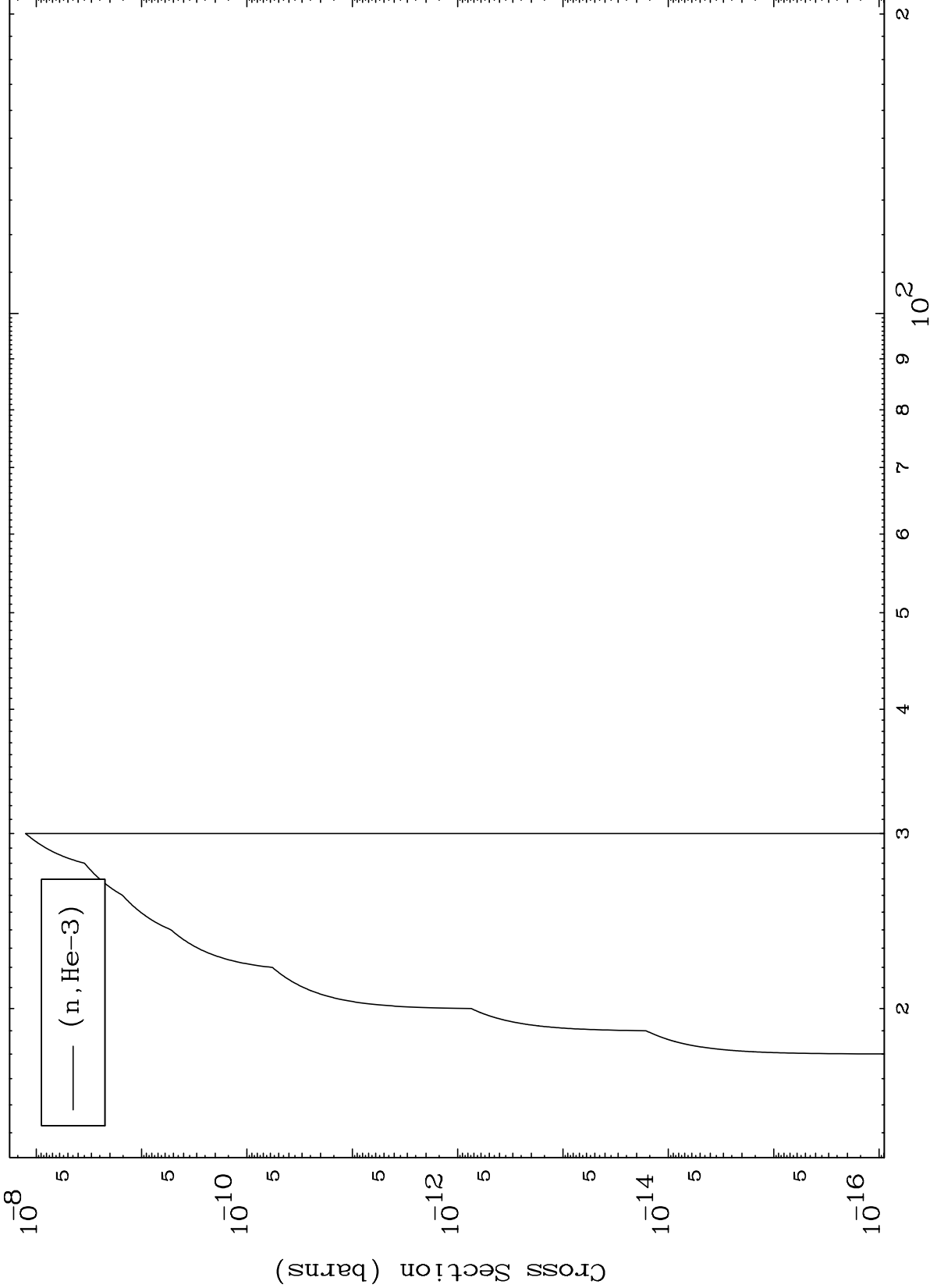
40-Zr-89m

MAT 4023

( $\gamma$ , He3) Levels

40-Zr-89m

0 Kelvin Cross Sections



10

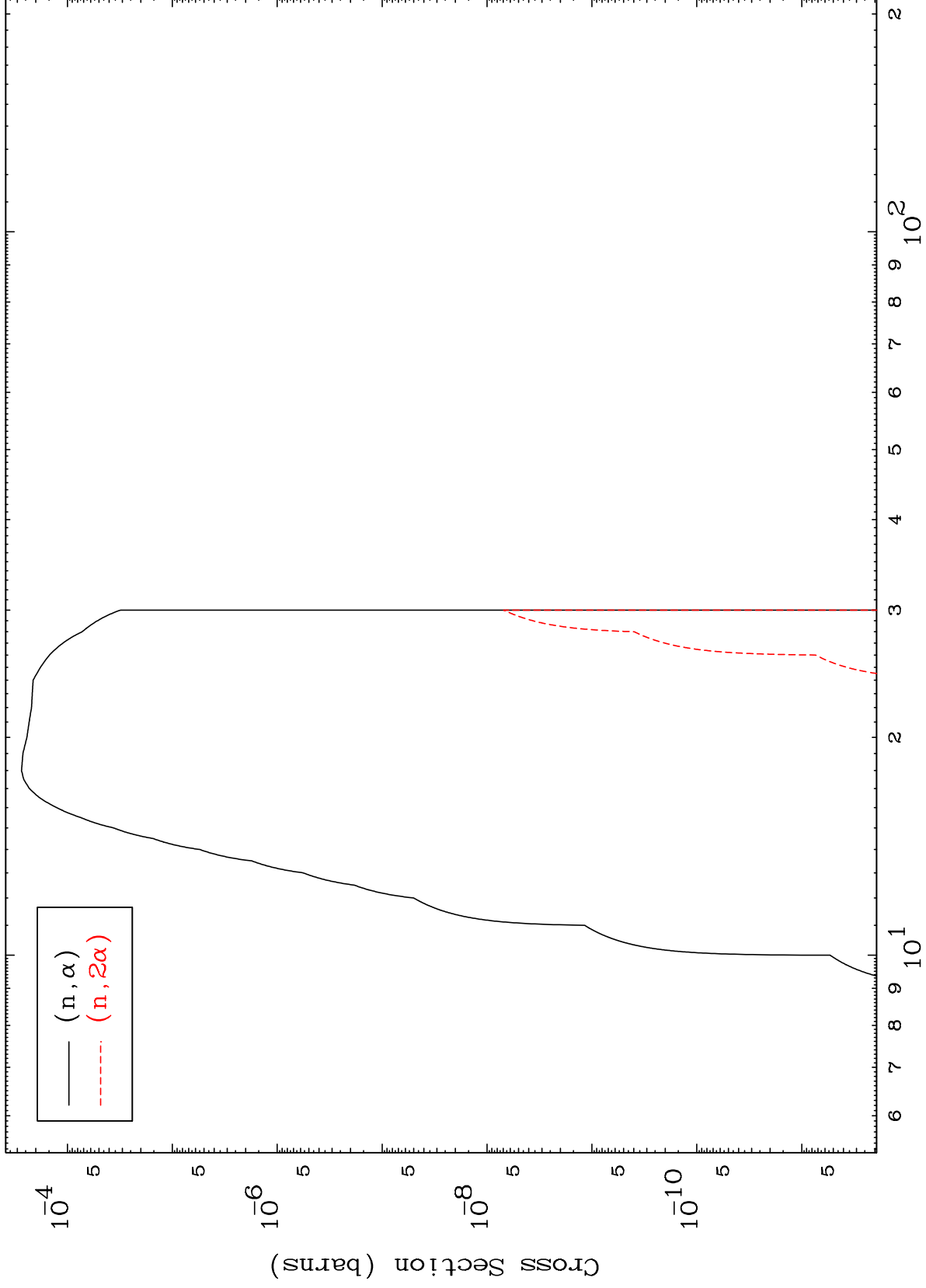
Incident Energy (MeV)

40-Zr-89m

MAT 4023

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

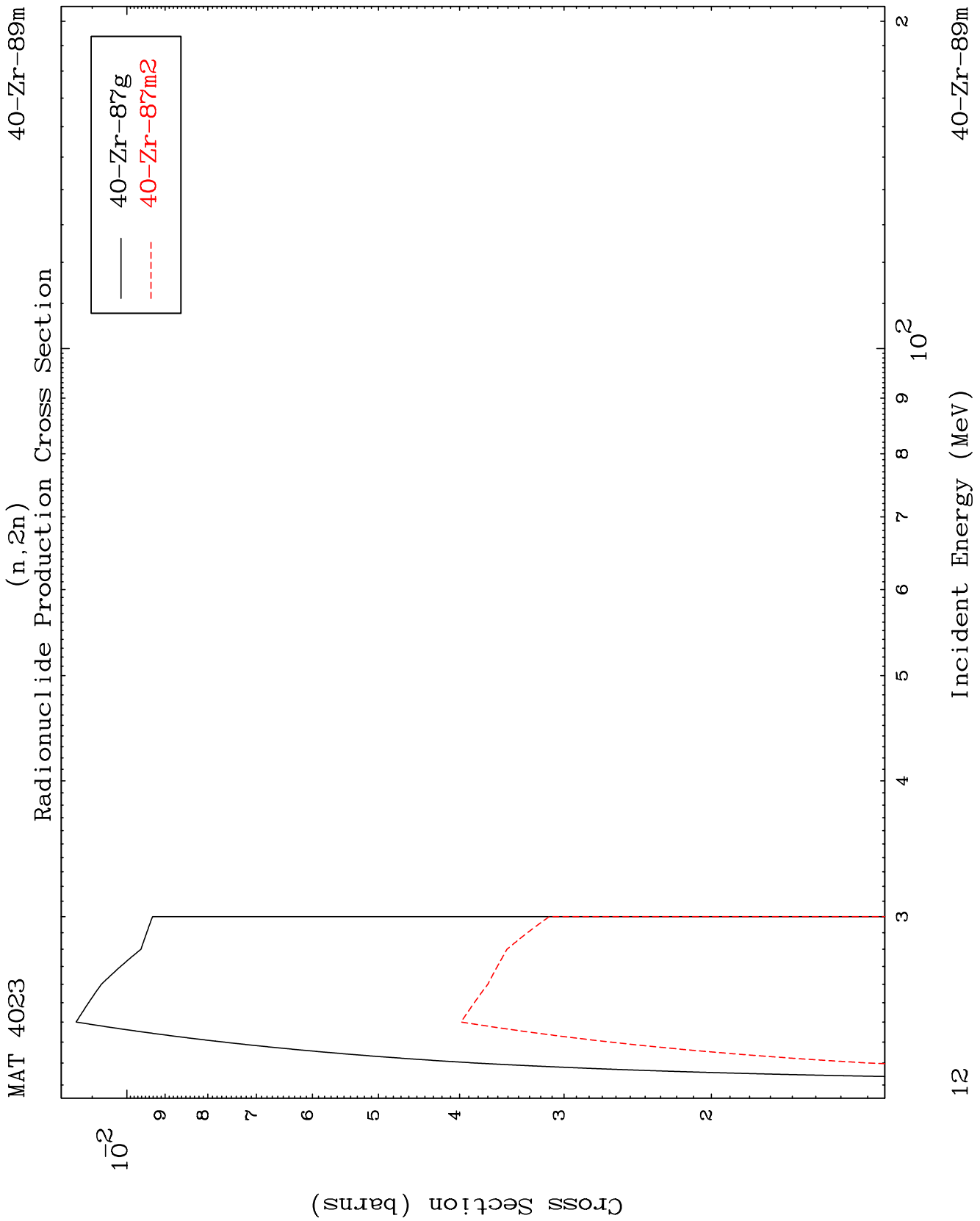
40-Zr-89m



11

Incident Energy (MeV)

40-Zr-89m

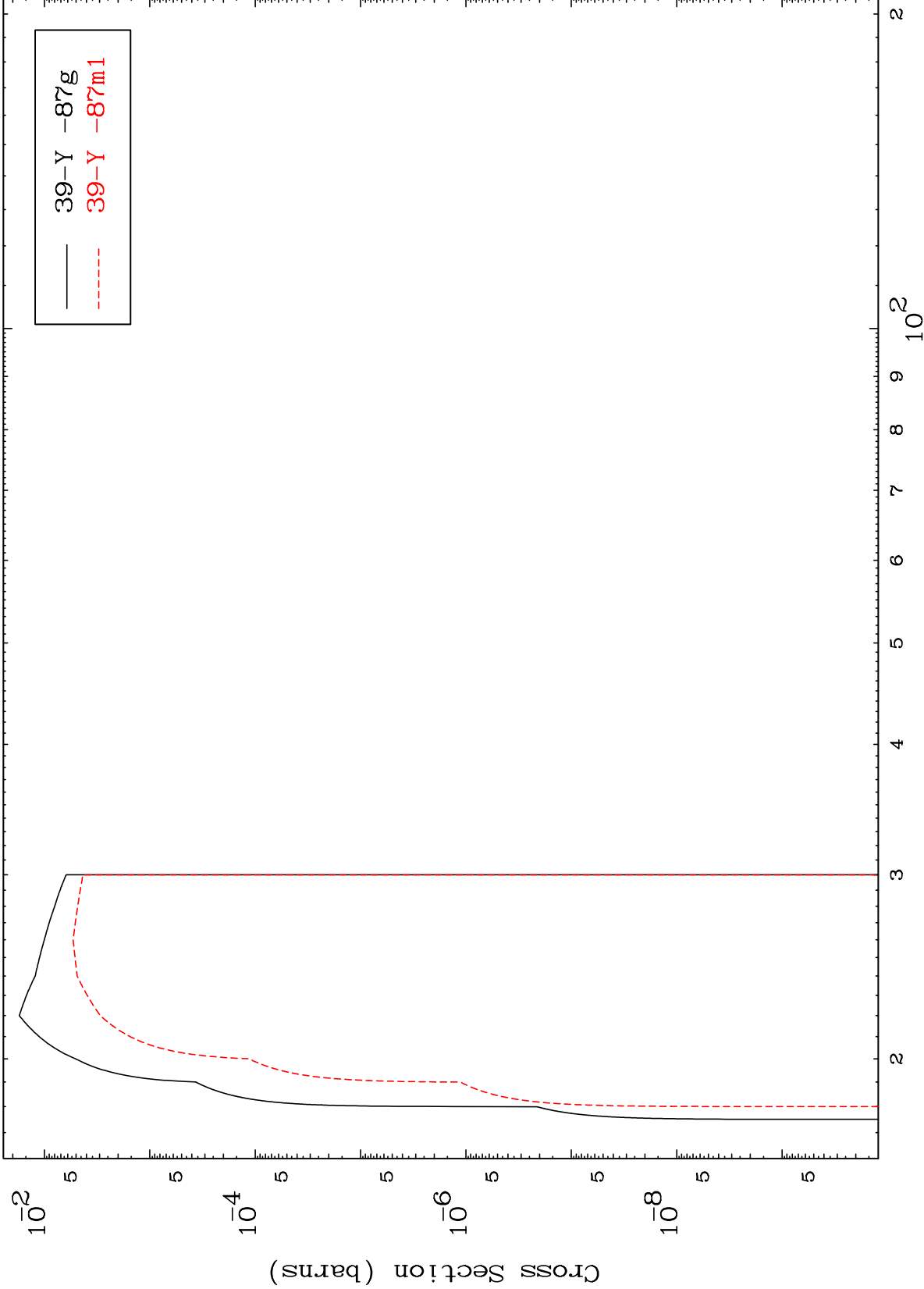


MAT 4023

(n,n') p

40-Zr-89m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

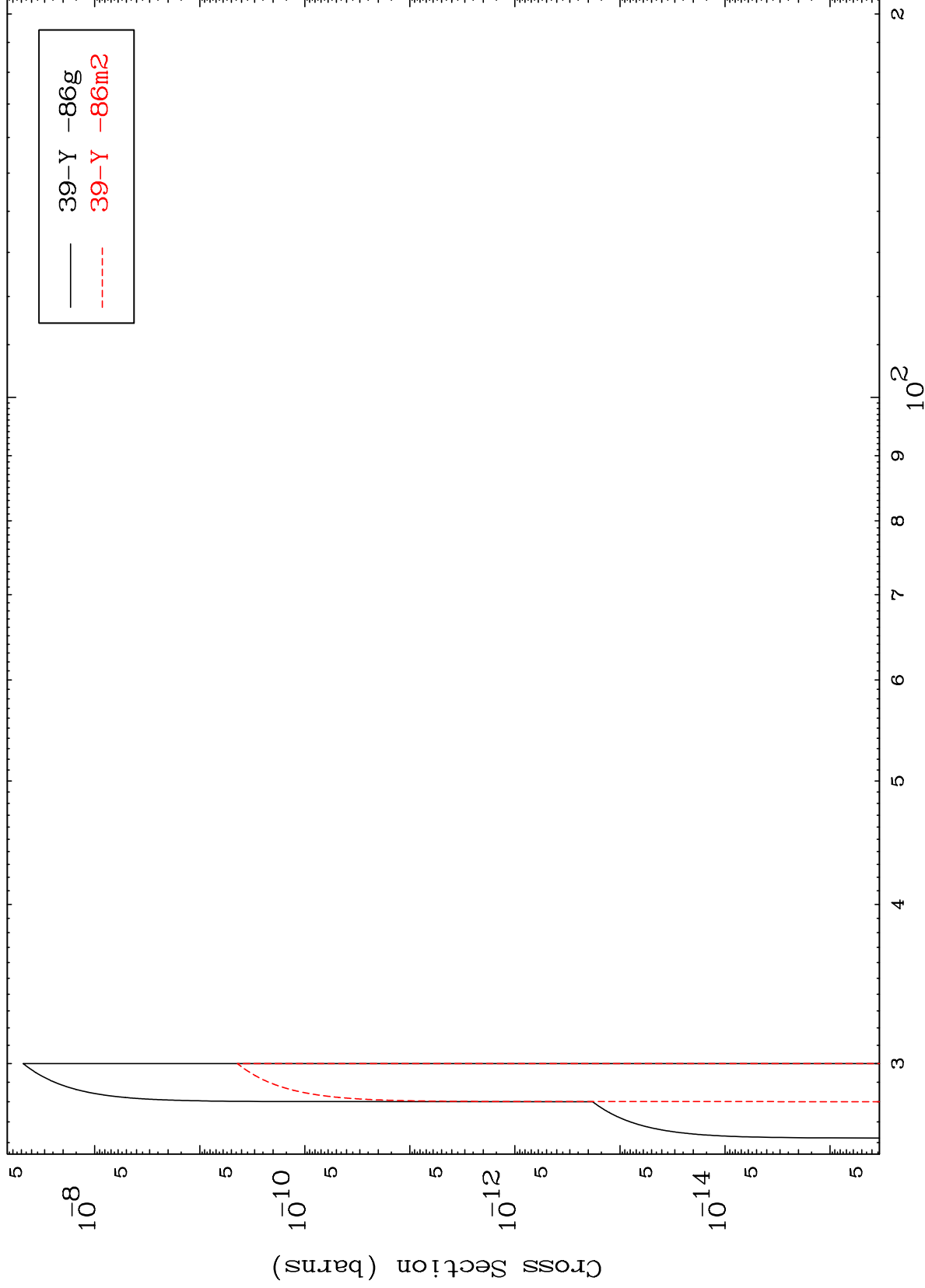
40-Zr-89m

MAT 4023

(n,n') d

40-Zr-89m

Radionuclide Production Cross Section



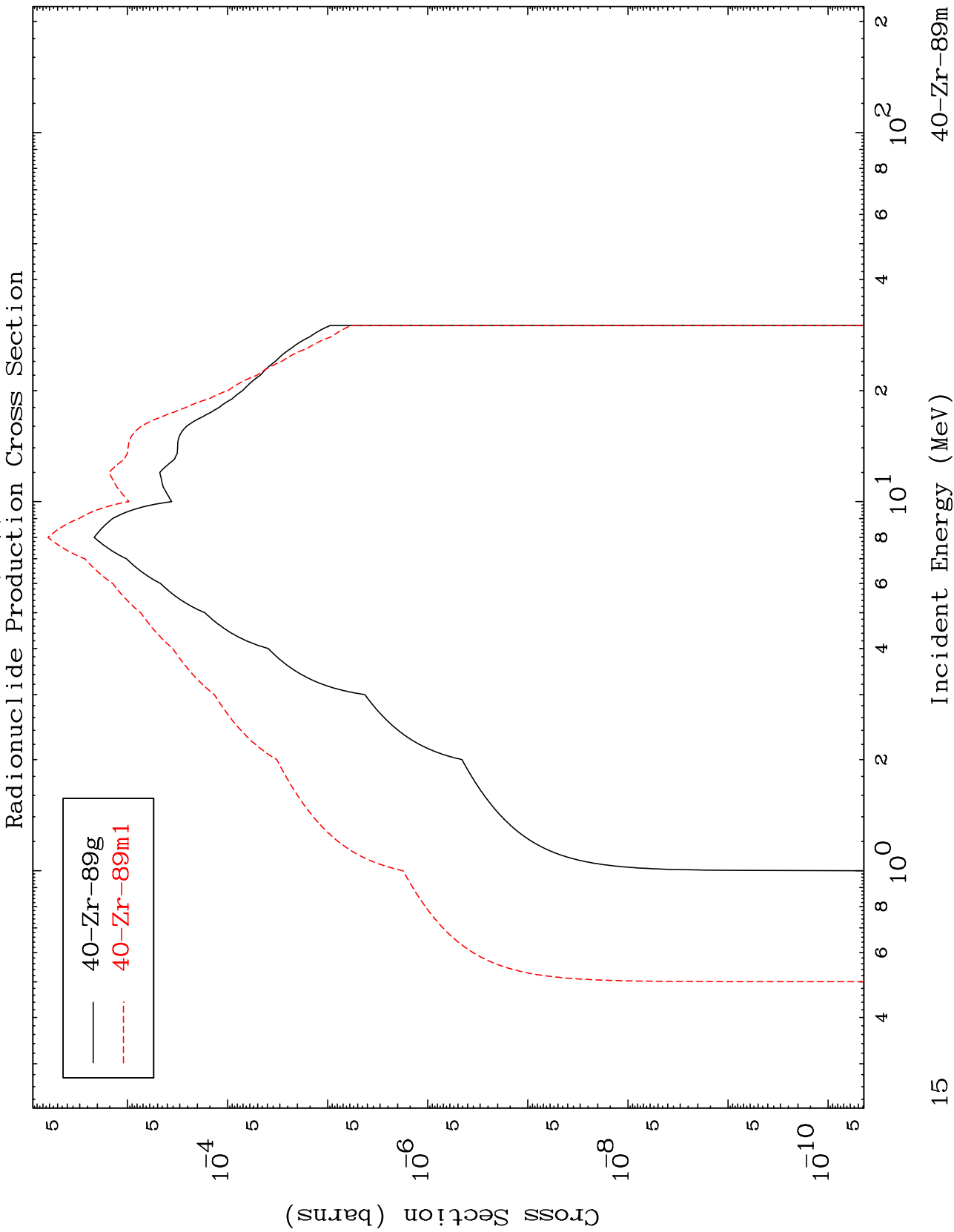
14

Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

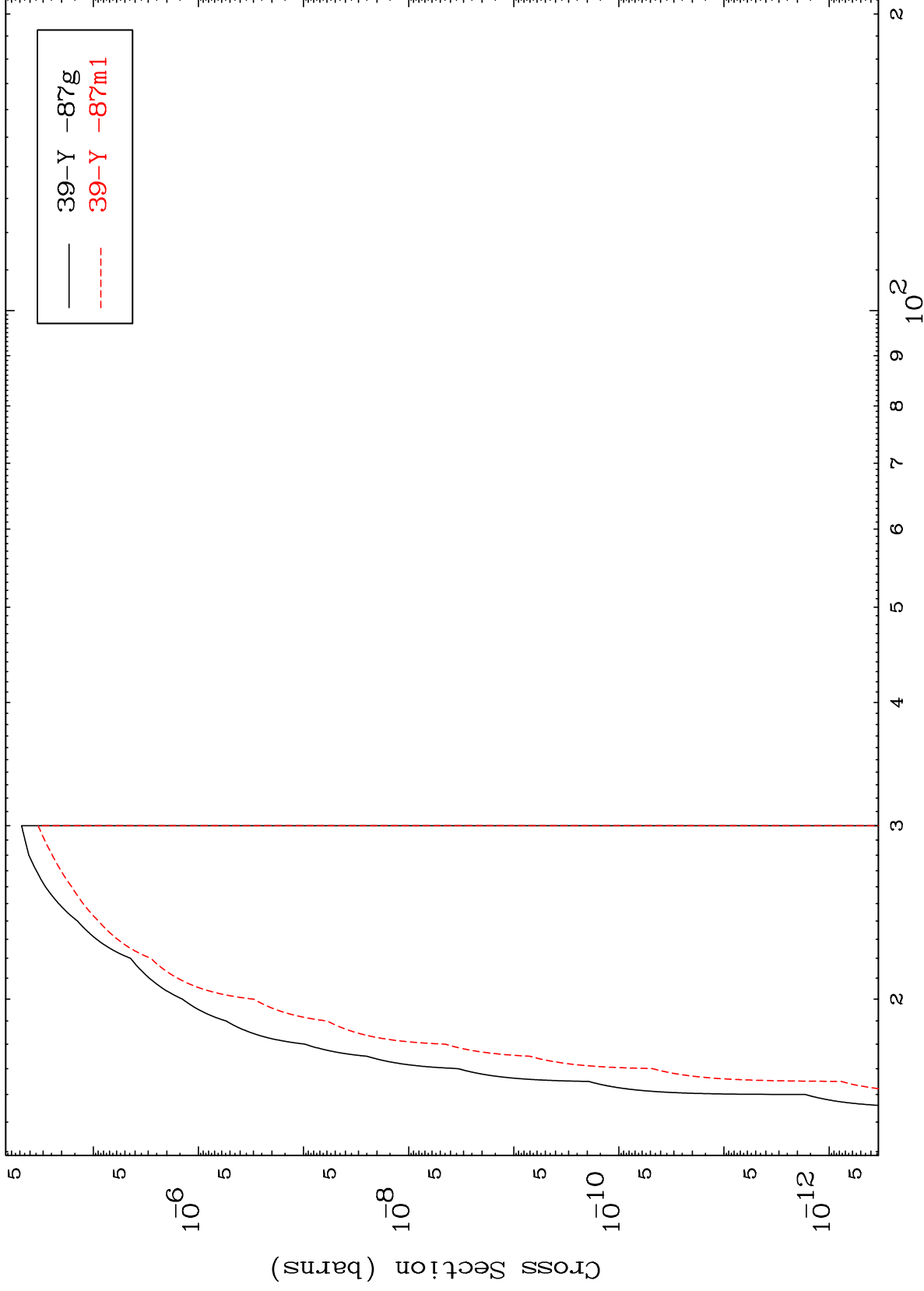


MAT 4023

(n,d)

40-Zr-89m

Radionuclide Production Cross Section



16

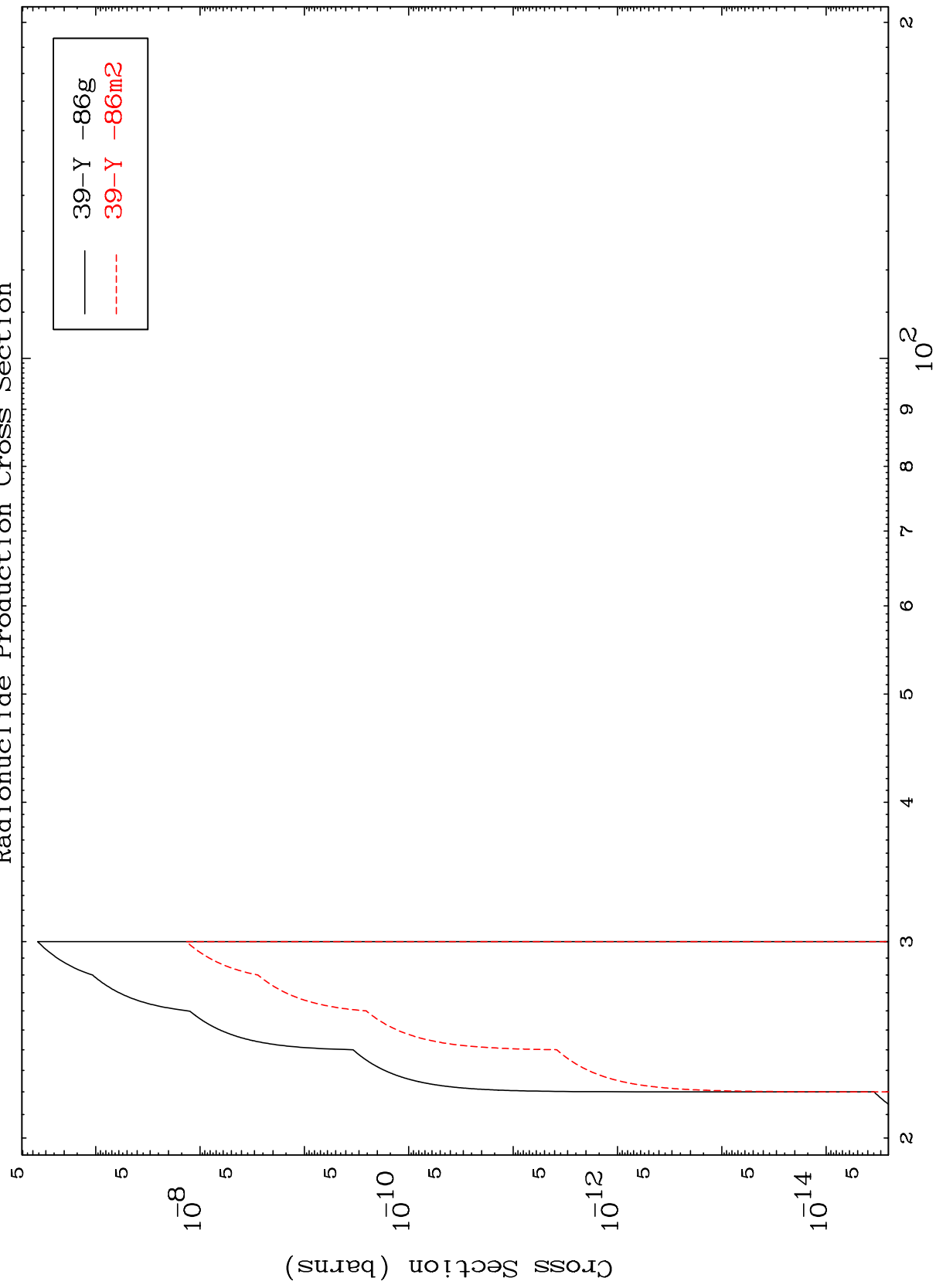
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

(n,t)  
Radionuclide Production Cross Section



17

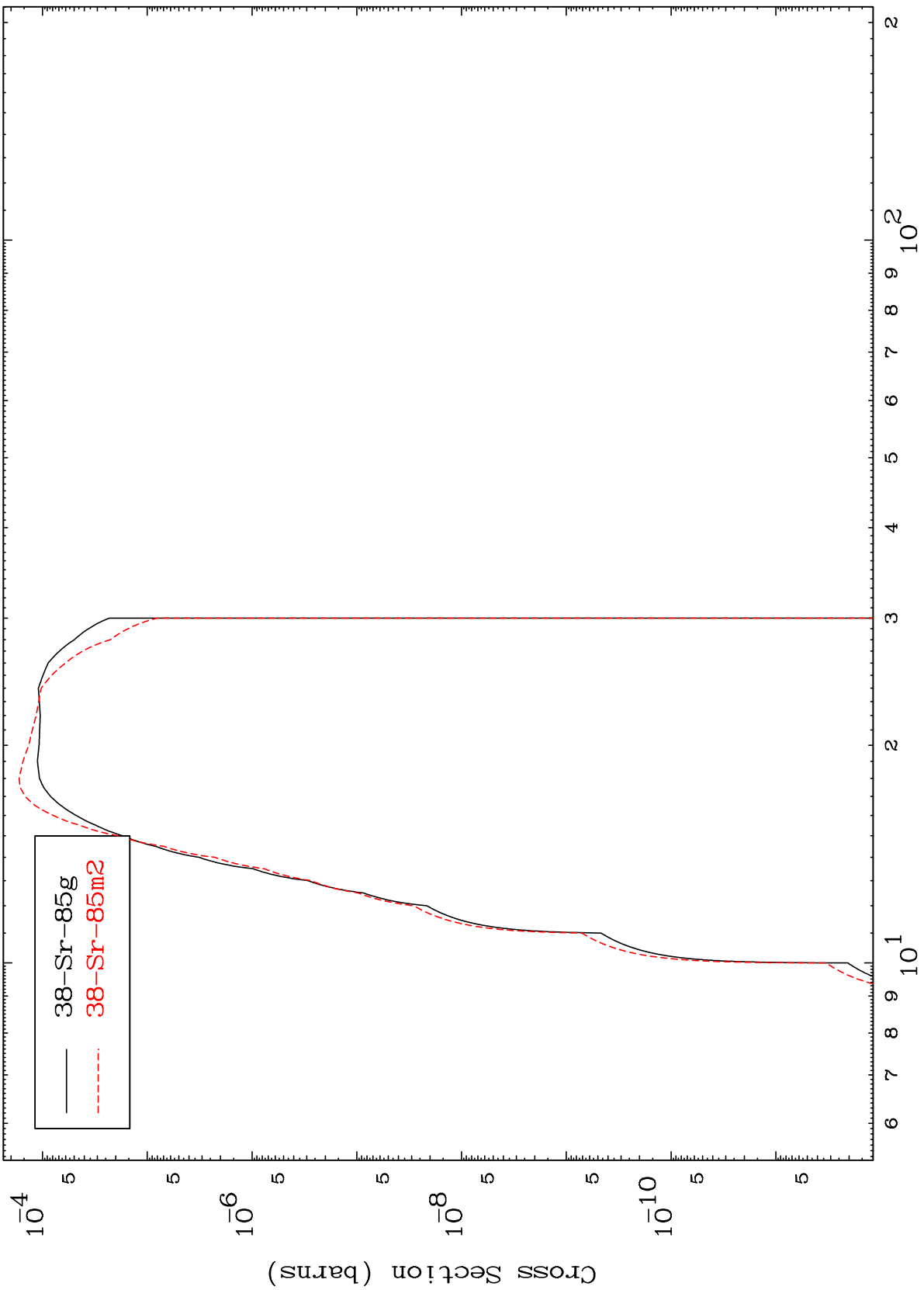
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

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



18

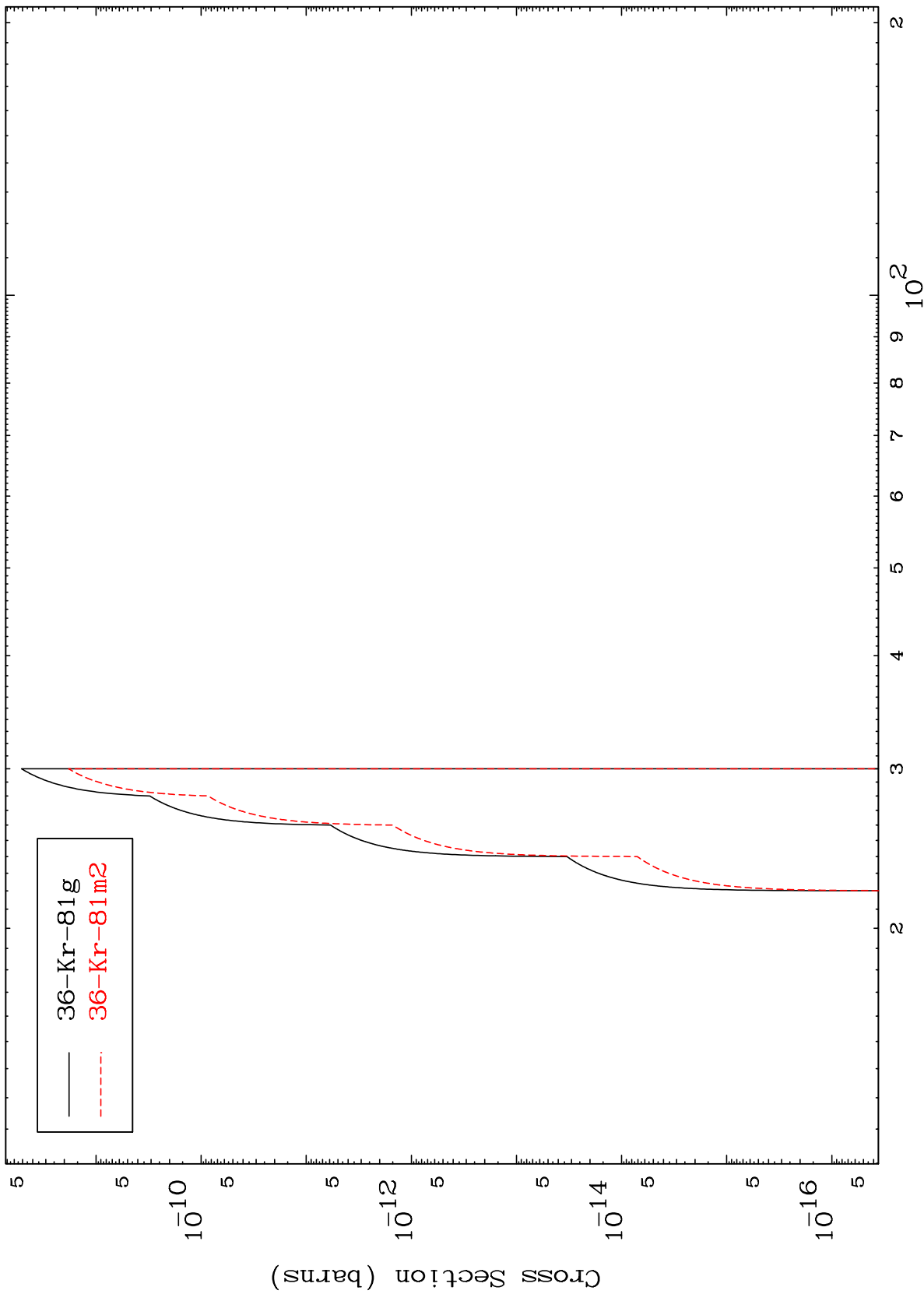
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

(n,2α)  
Radionuclide Production Cross Section



19

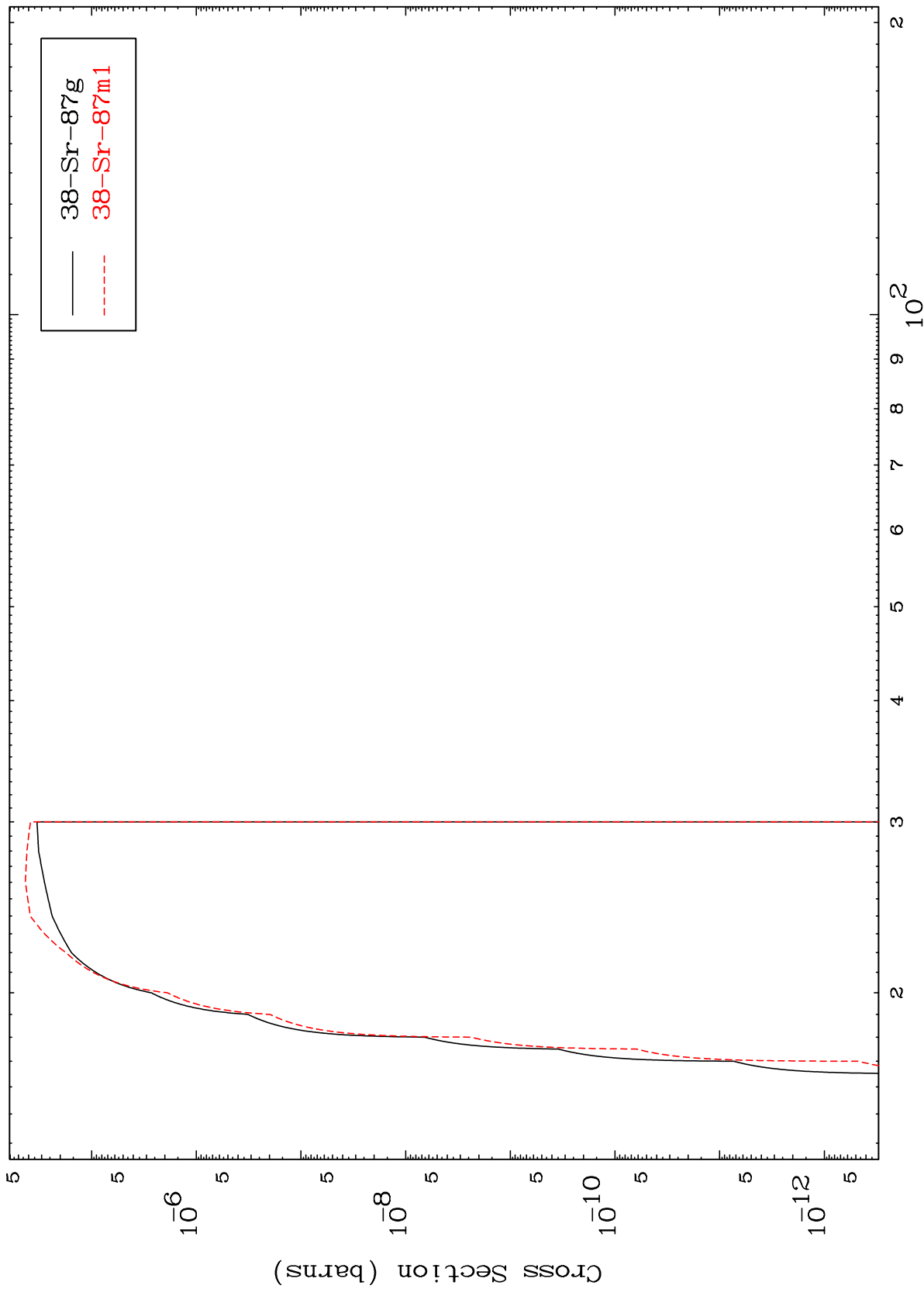
Incident Energy (MeV)

40-Zr-89m

MAT 4023

40-Zr-89m

(n,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-89m

MAT 4023

(n,p)  $\alpha$

40-Zr-89m

