

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

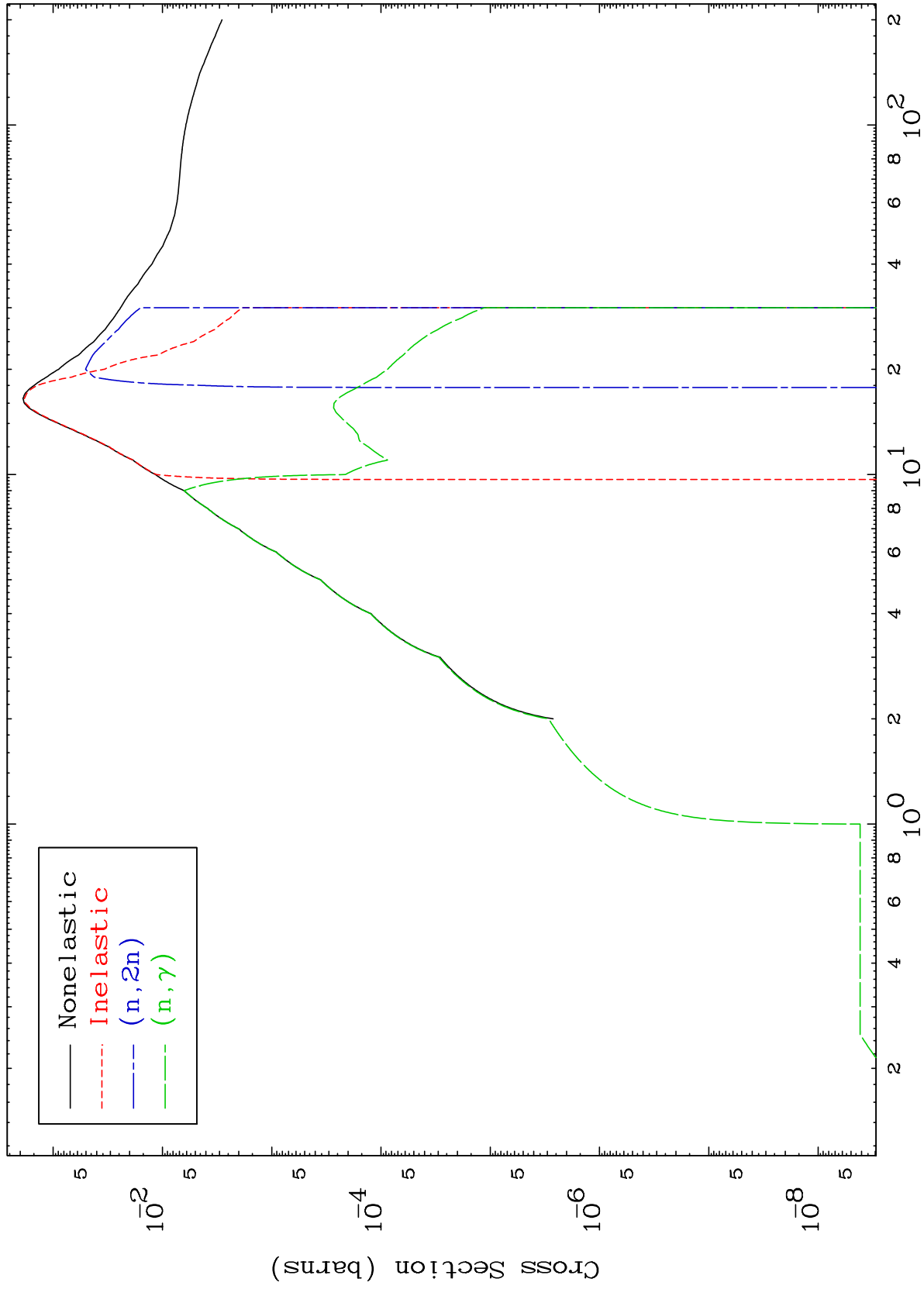
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4231

Photon Major  
0 Kelvin Cross Sections

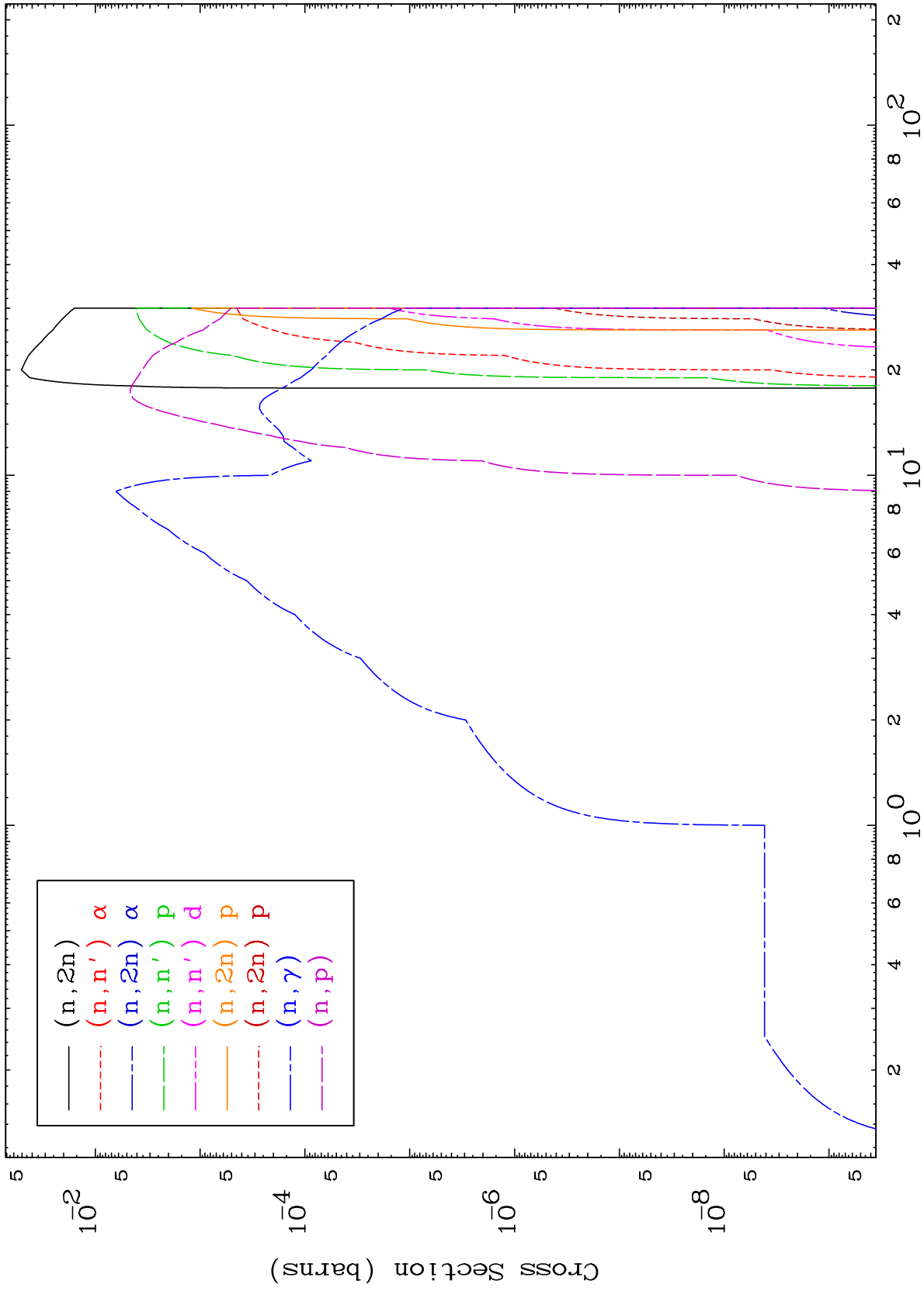
42-Mo-94



MAT 4231

Photon Neutron Absorption  
0 Kelvin Cross Sections

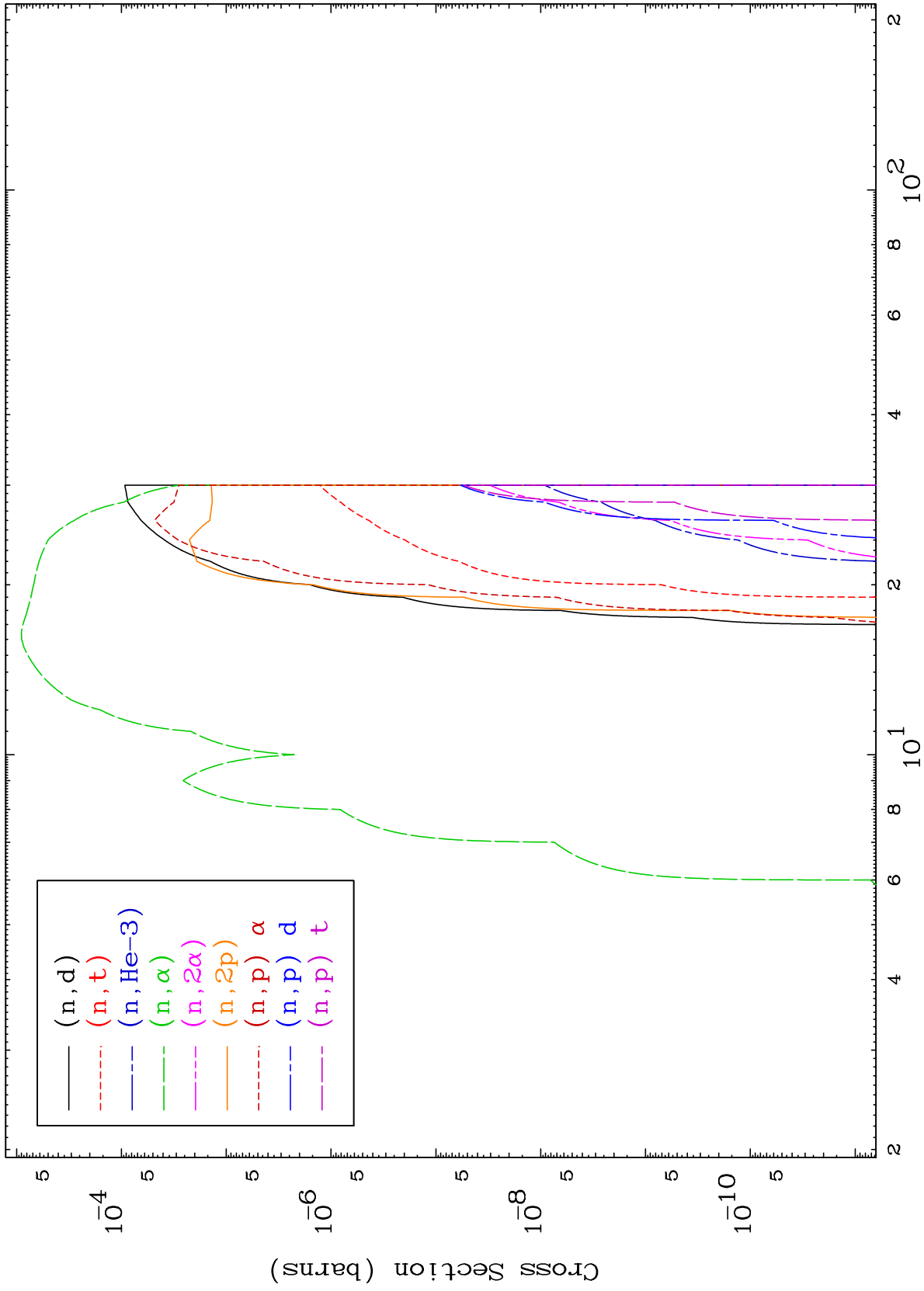
42-Mo-94

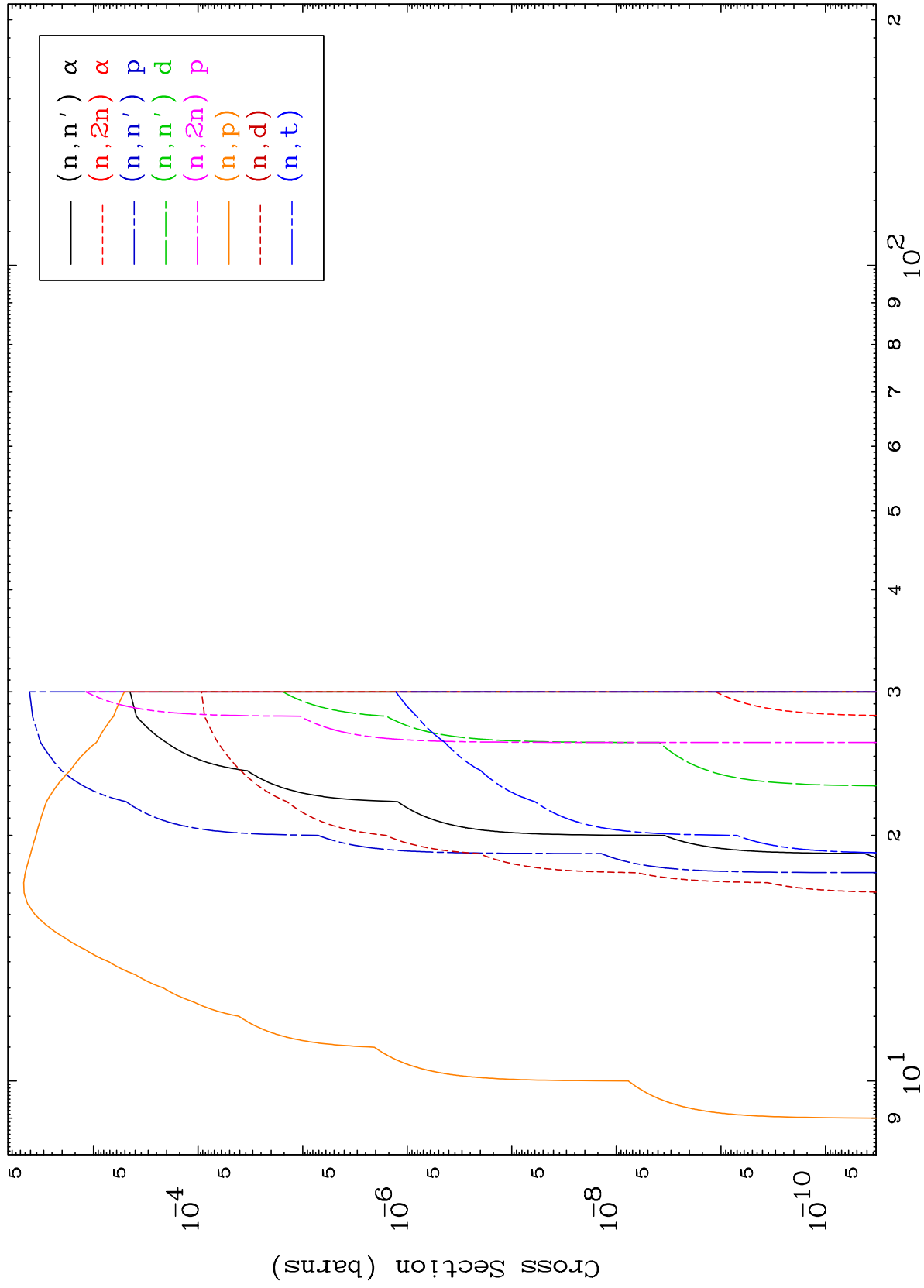


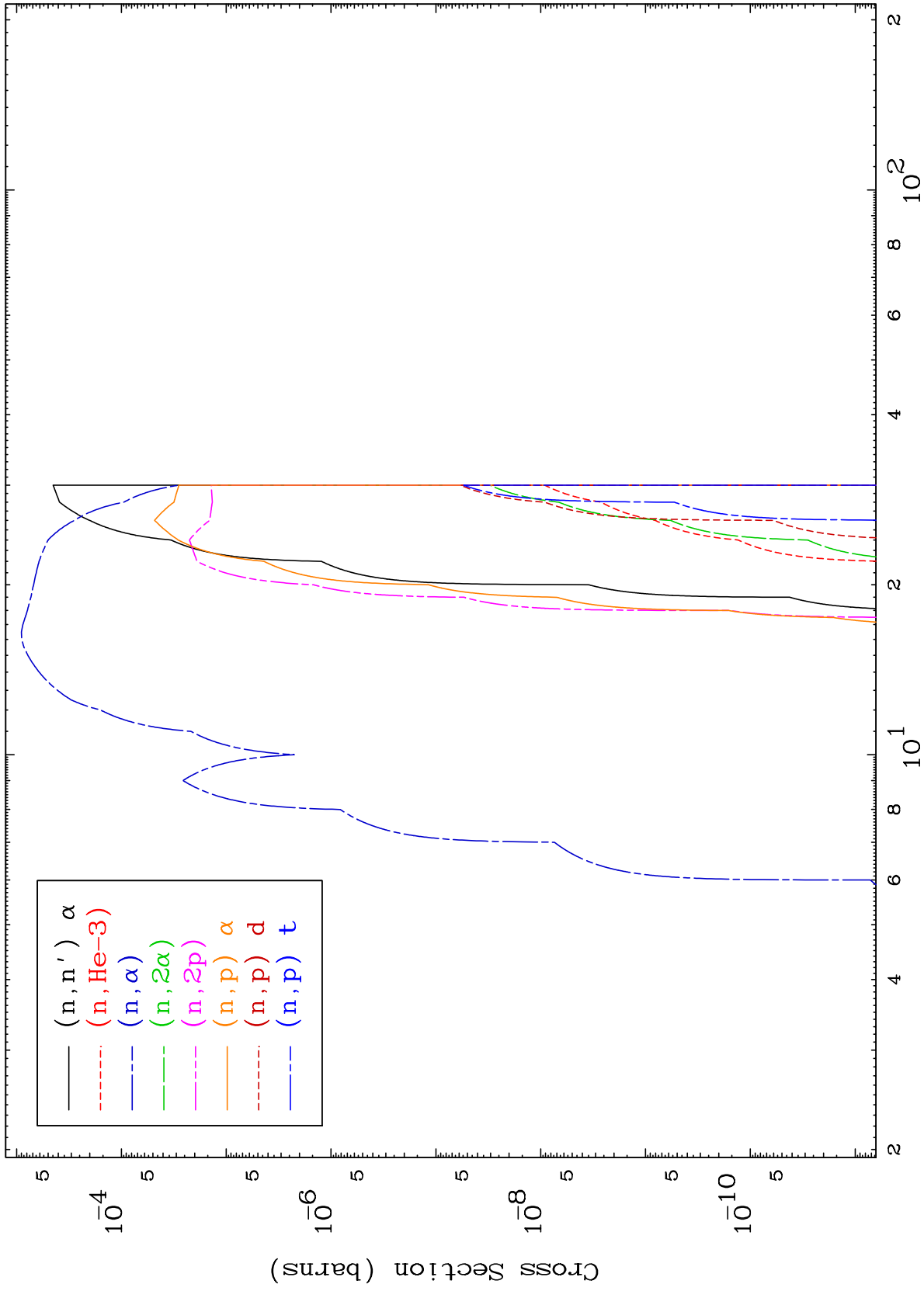
2

Incident Energy (MeV)

42-Mo-94



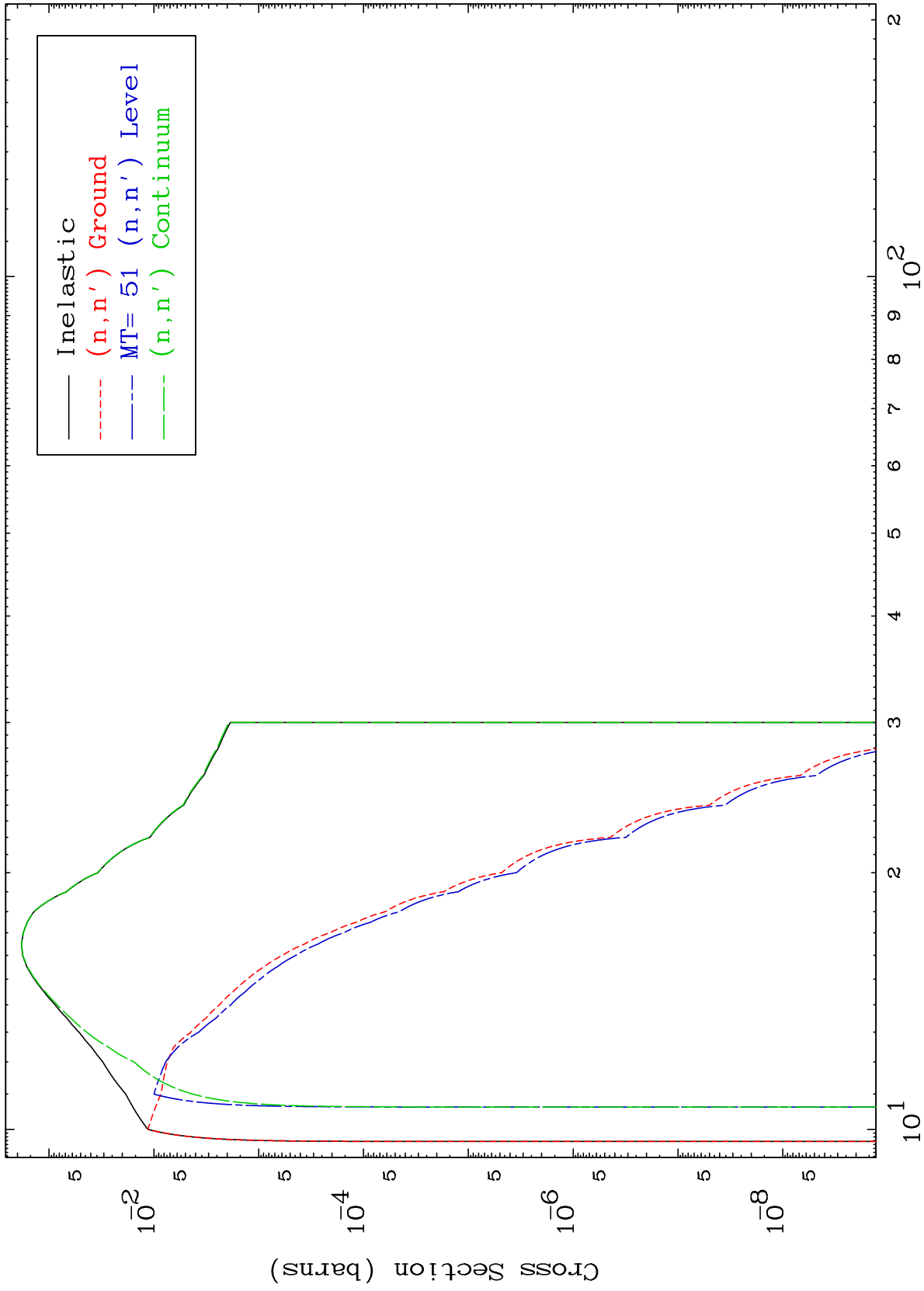




MAT 4231

42-Mo-94

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



42-Mo-94

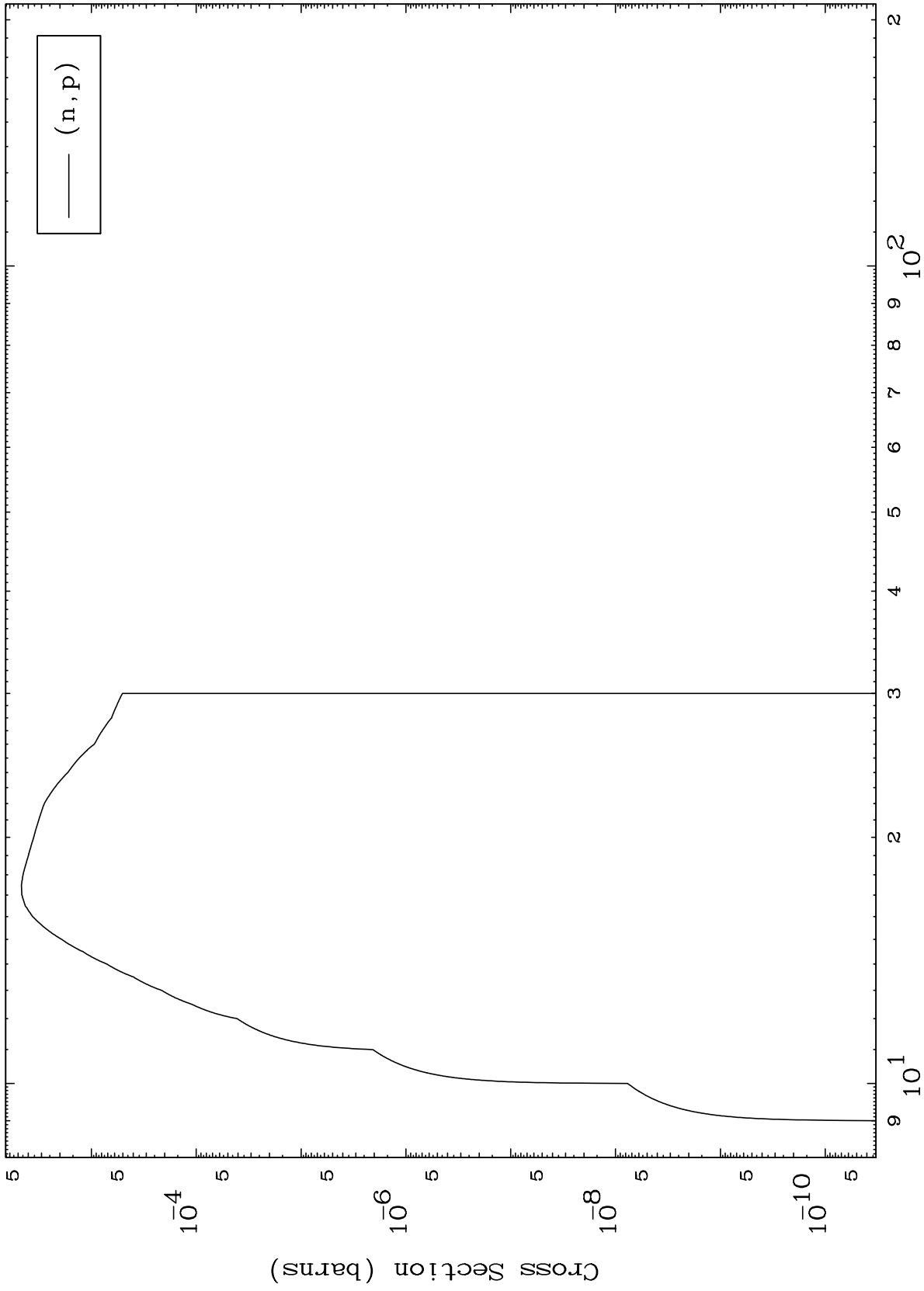
Incident Energy (MeV)

6

MAT 4231

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

42-Mo-94



7

Incident Energy (MeV)

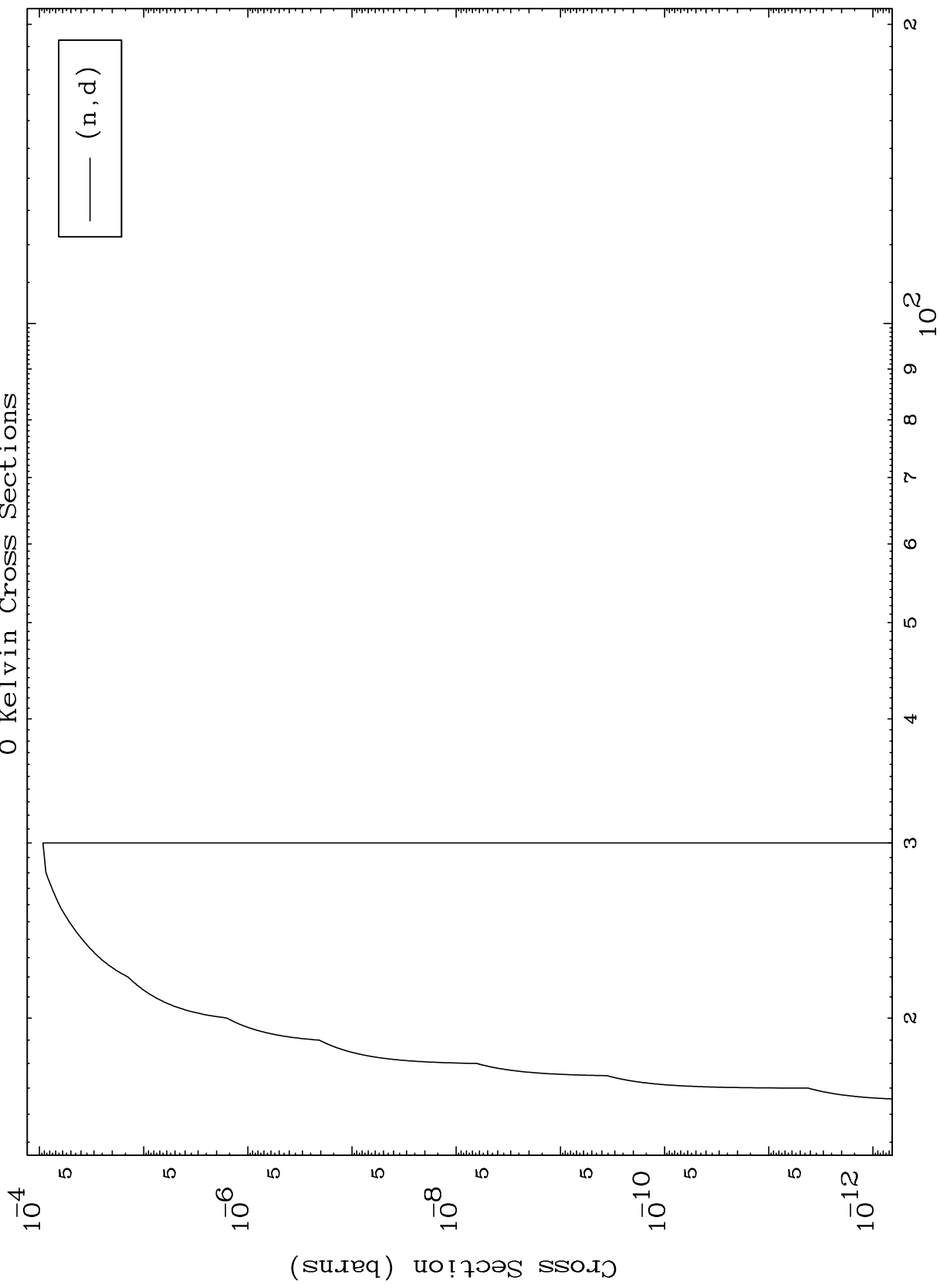
42-Mo-94



MAT 4231

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

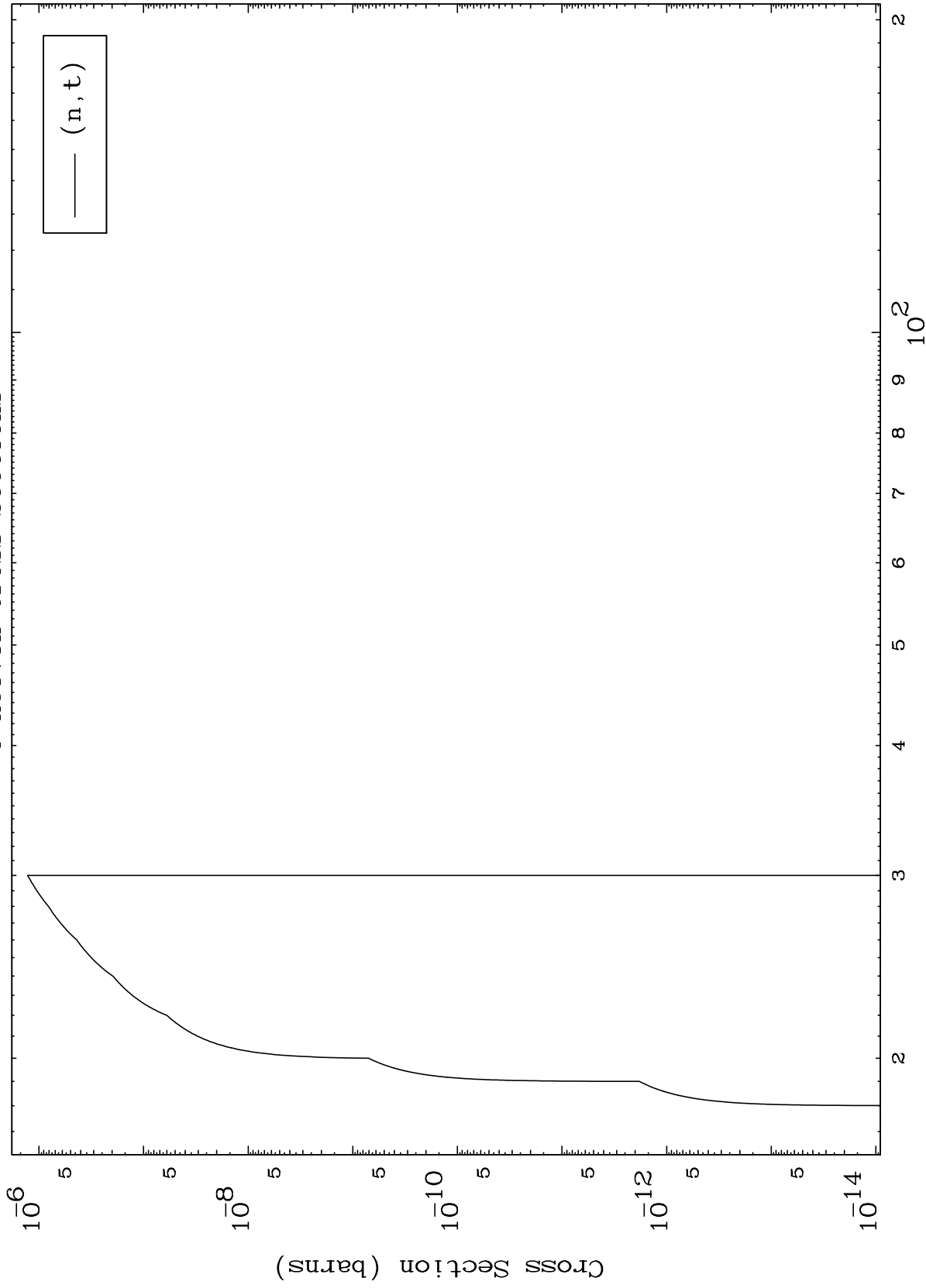
42-Mo-94



8

Incident Energy (MeV)

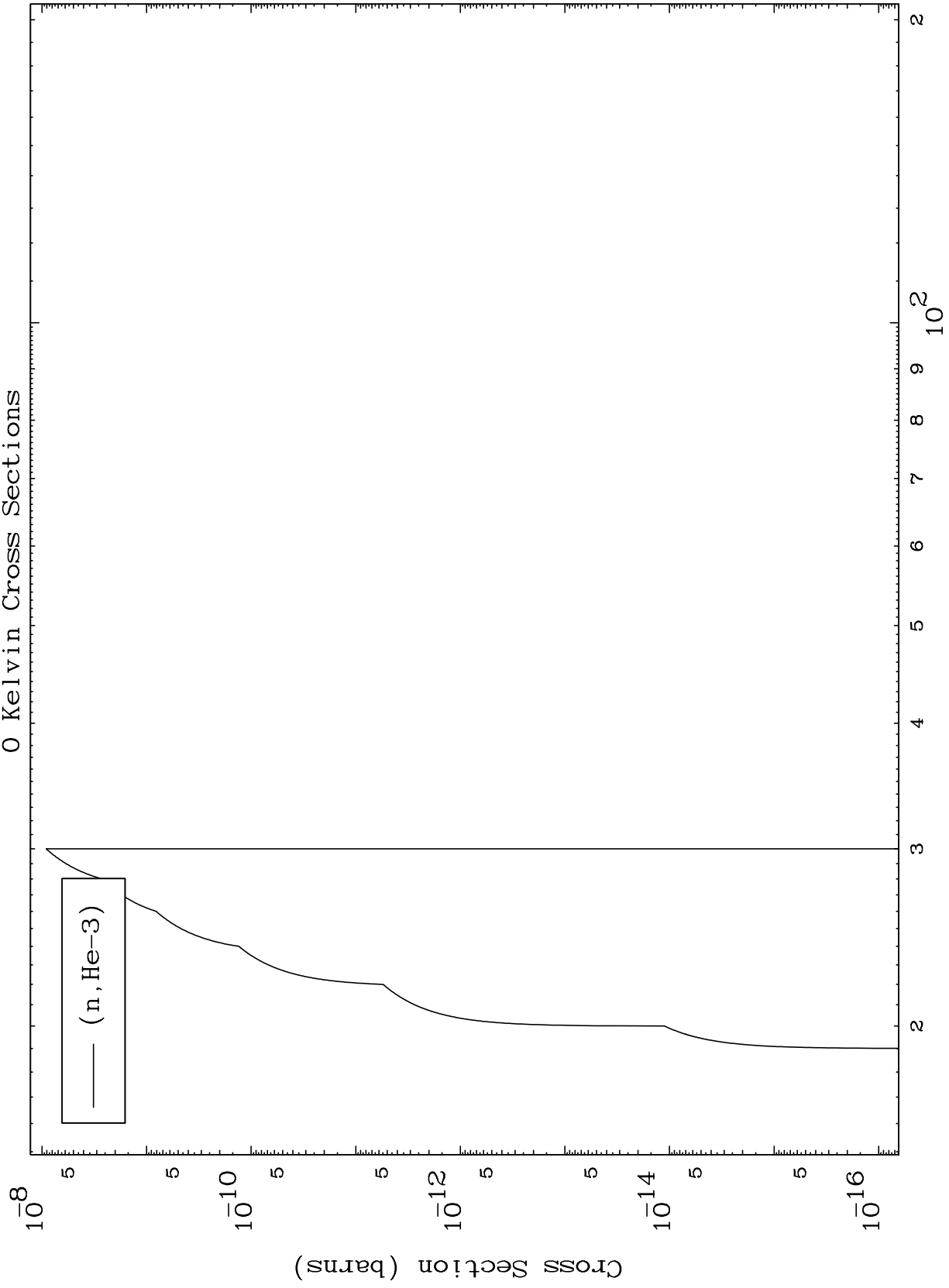
42-Mo-94



MAT 4231

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

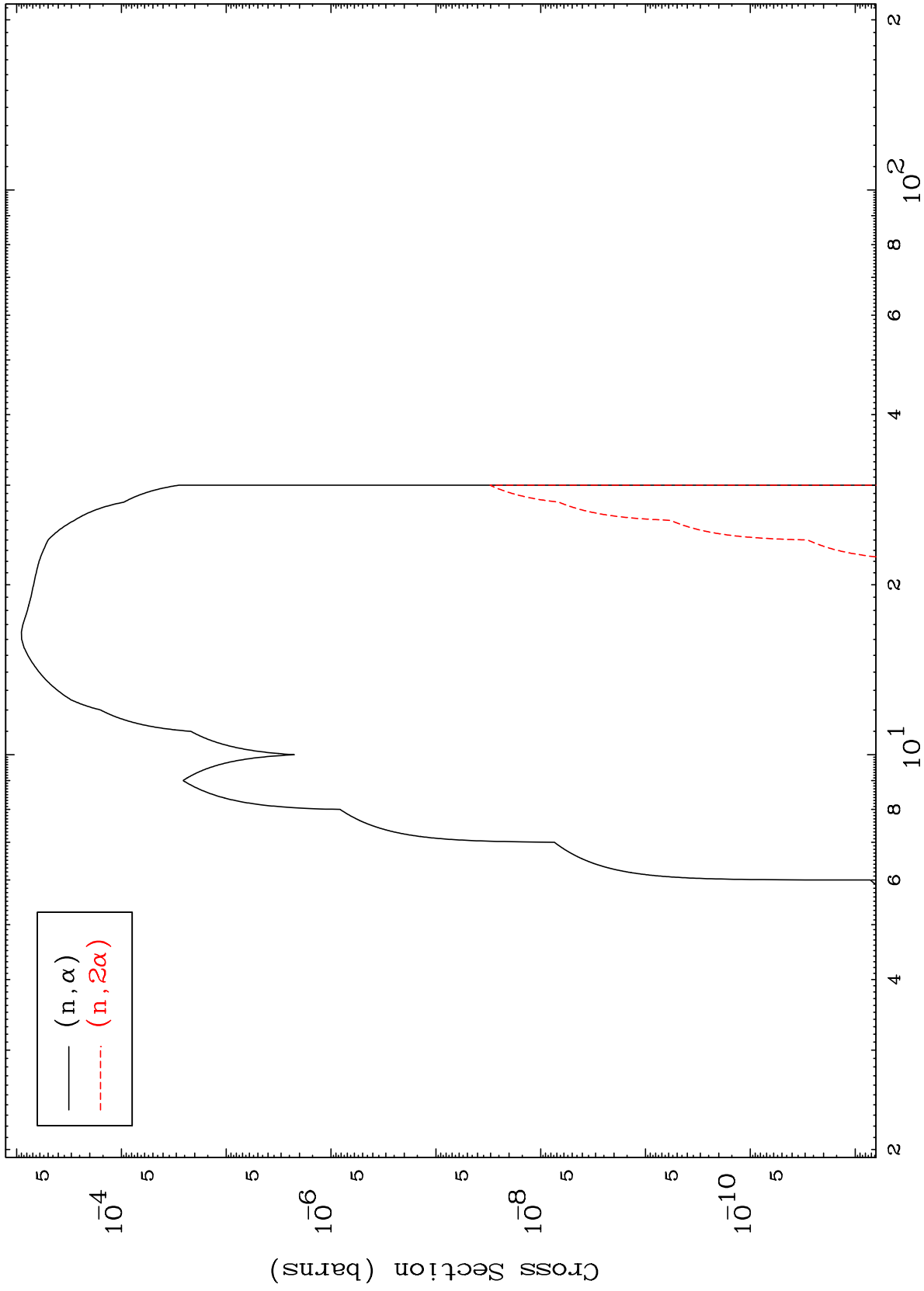
42-Mo-94



10

Incident Energy (MeV)

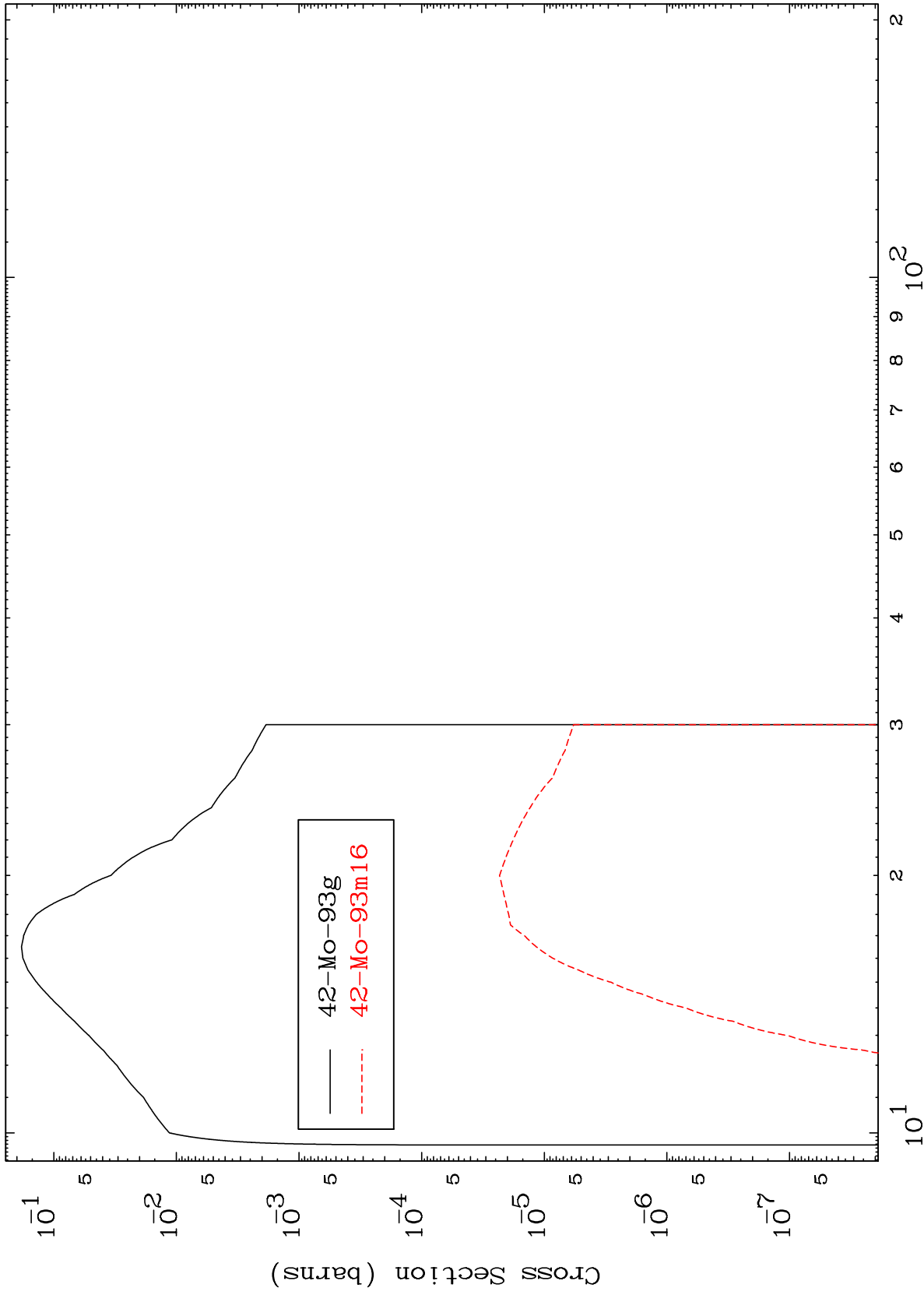
42-Mo-94



MAT 4231

Inelastic  
Radionuclide Production Cross Section

42-Mo-94



12

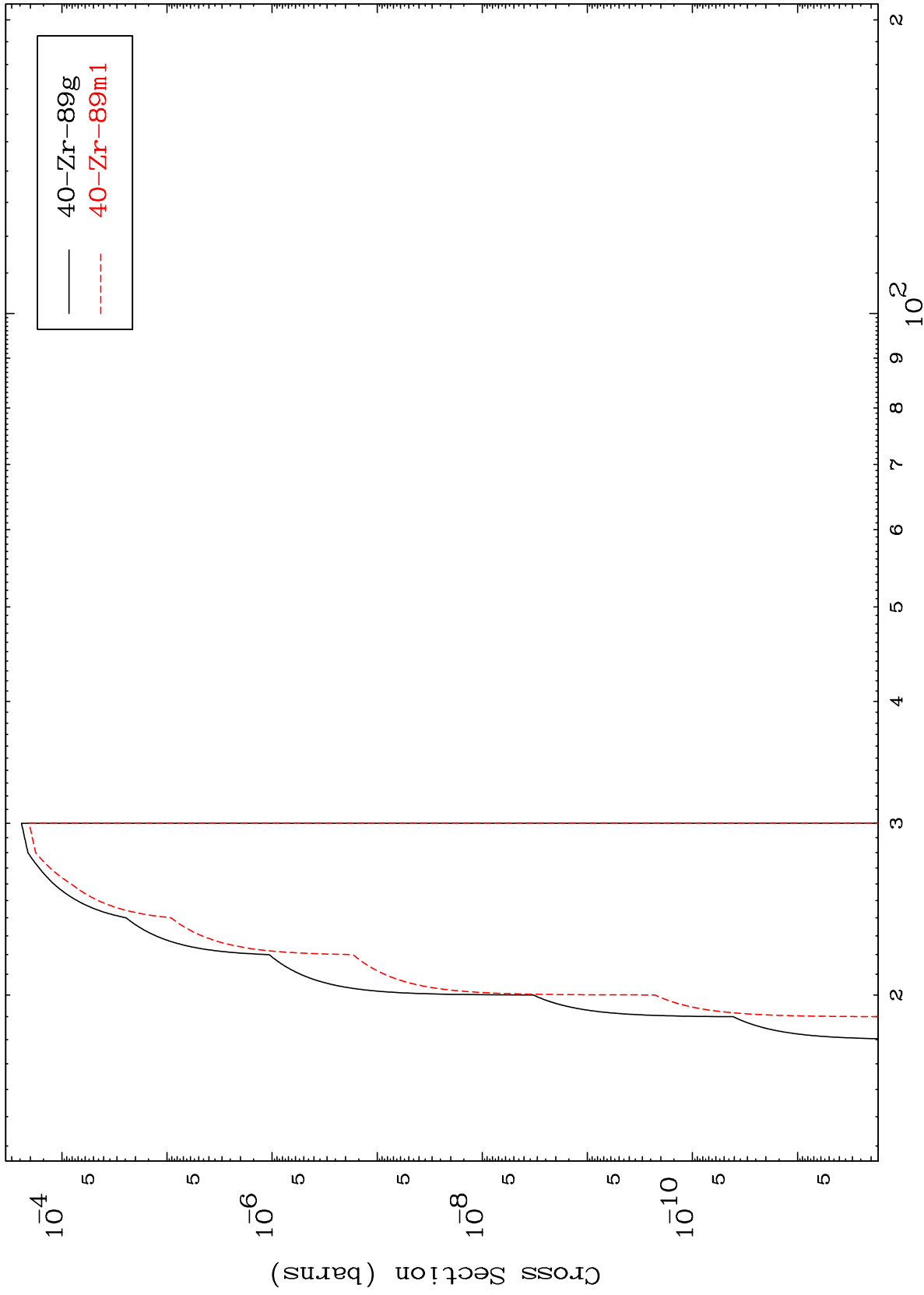
42-Mo-94

MAT 4231

(n,n')  $\alpha$

42-Mo-94

Radionuclide Production Cross Section



13

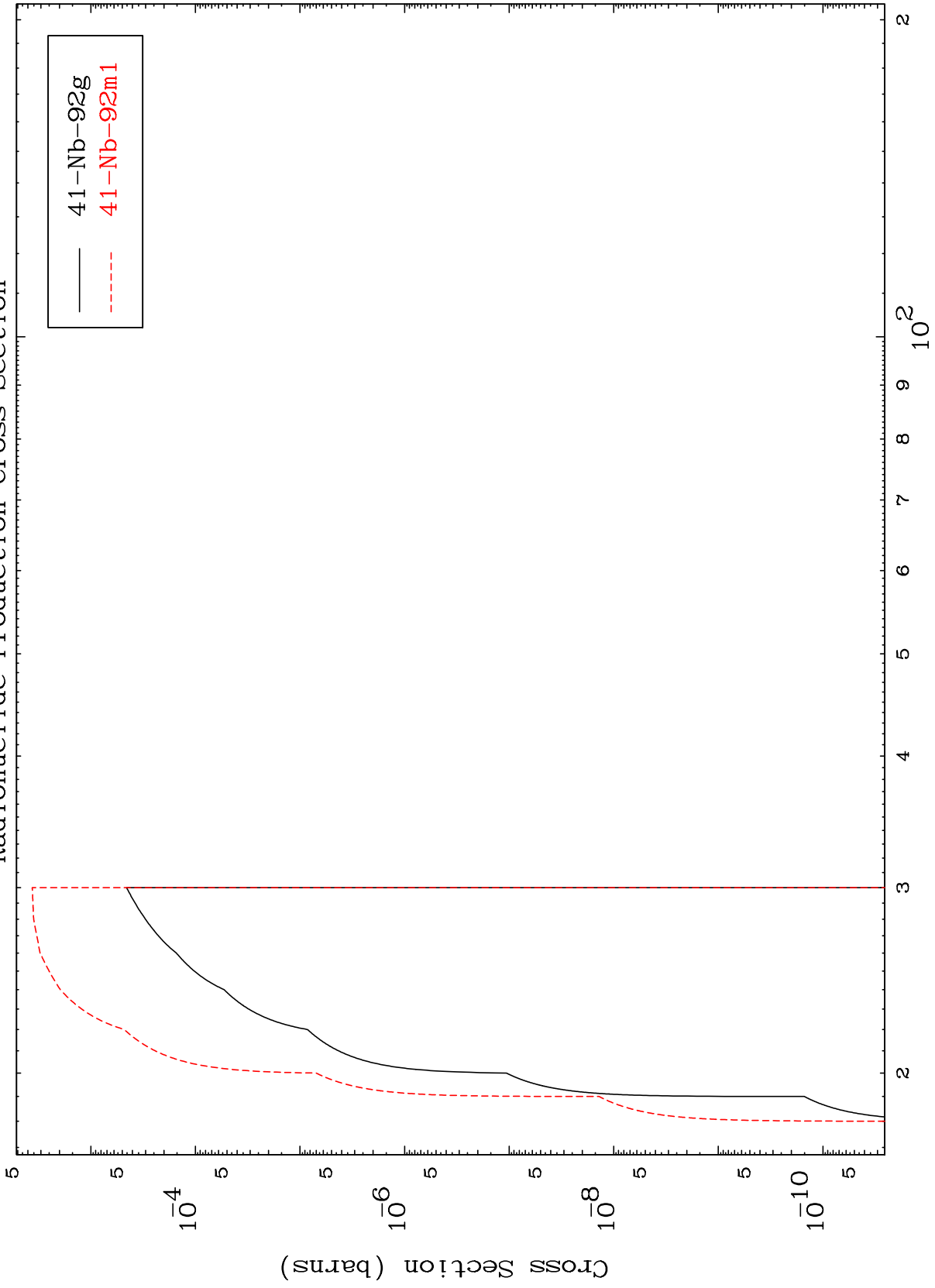
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,n') p  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

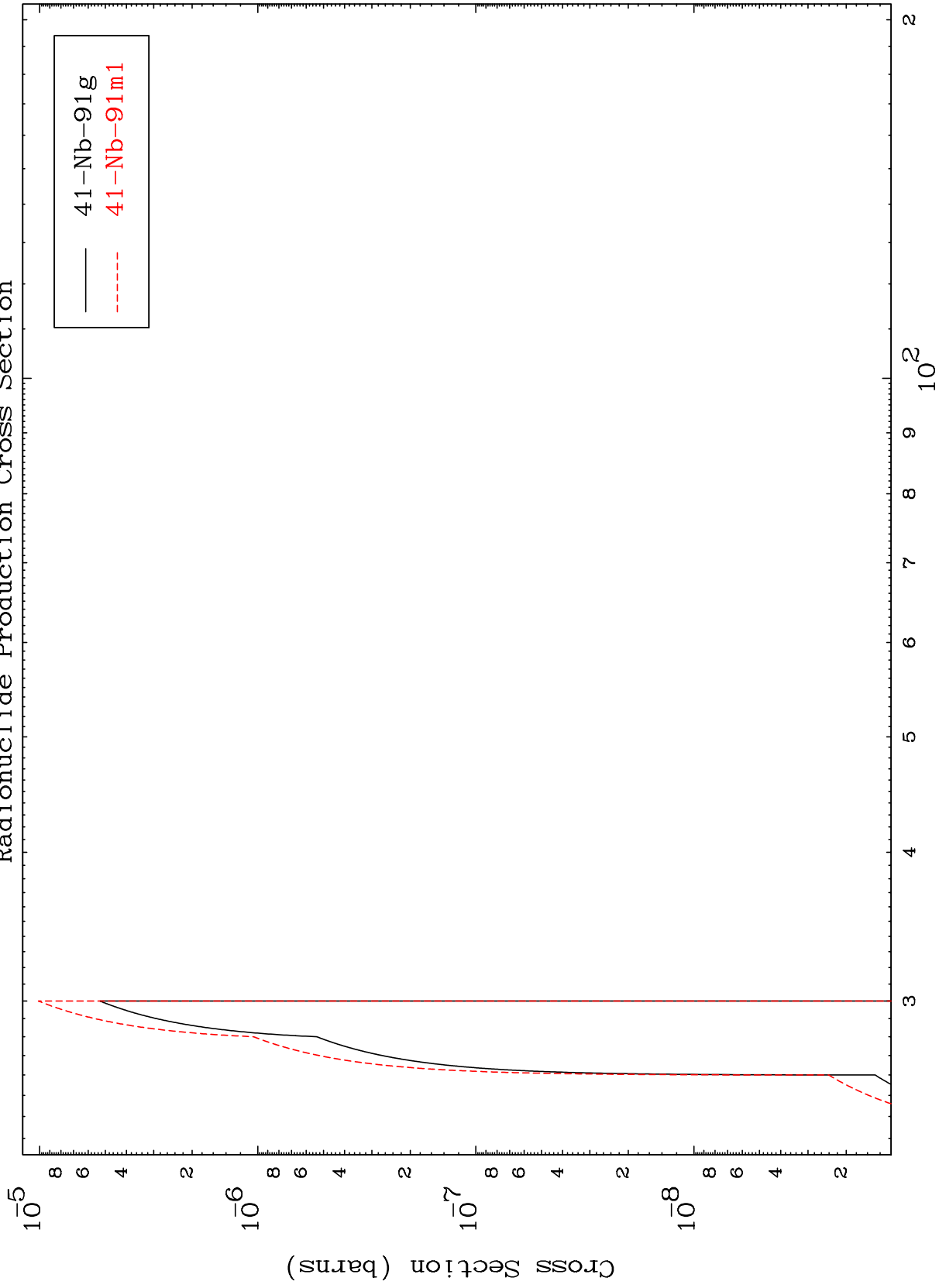
42-Mo-94

MAT 4231

(n,n') d

42-Mo-94

Radionuclide Production Cross Section



15

Incident Energy (MeV)

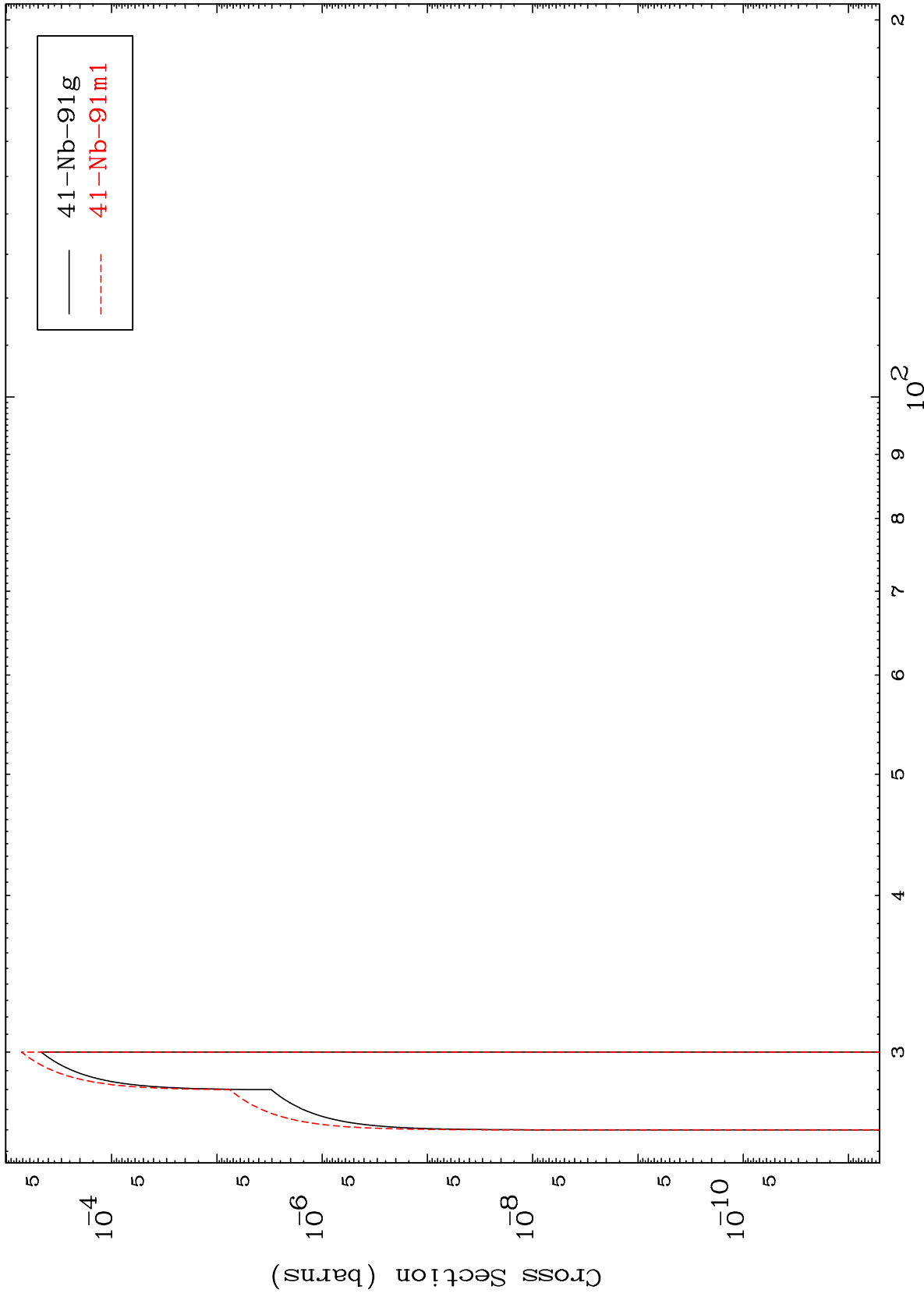
42-Mo-94



MAT 4231

42-Mo-94

(n,2n) p  
Radionuclide Production Cross Section



16

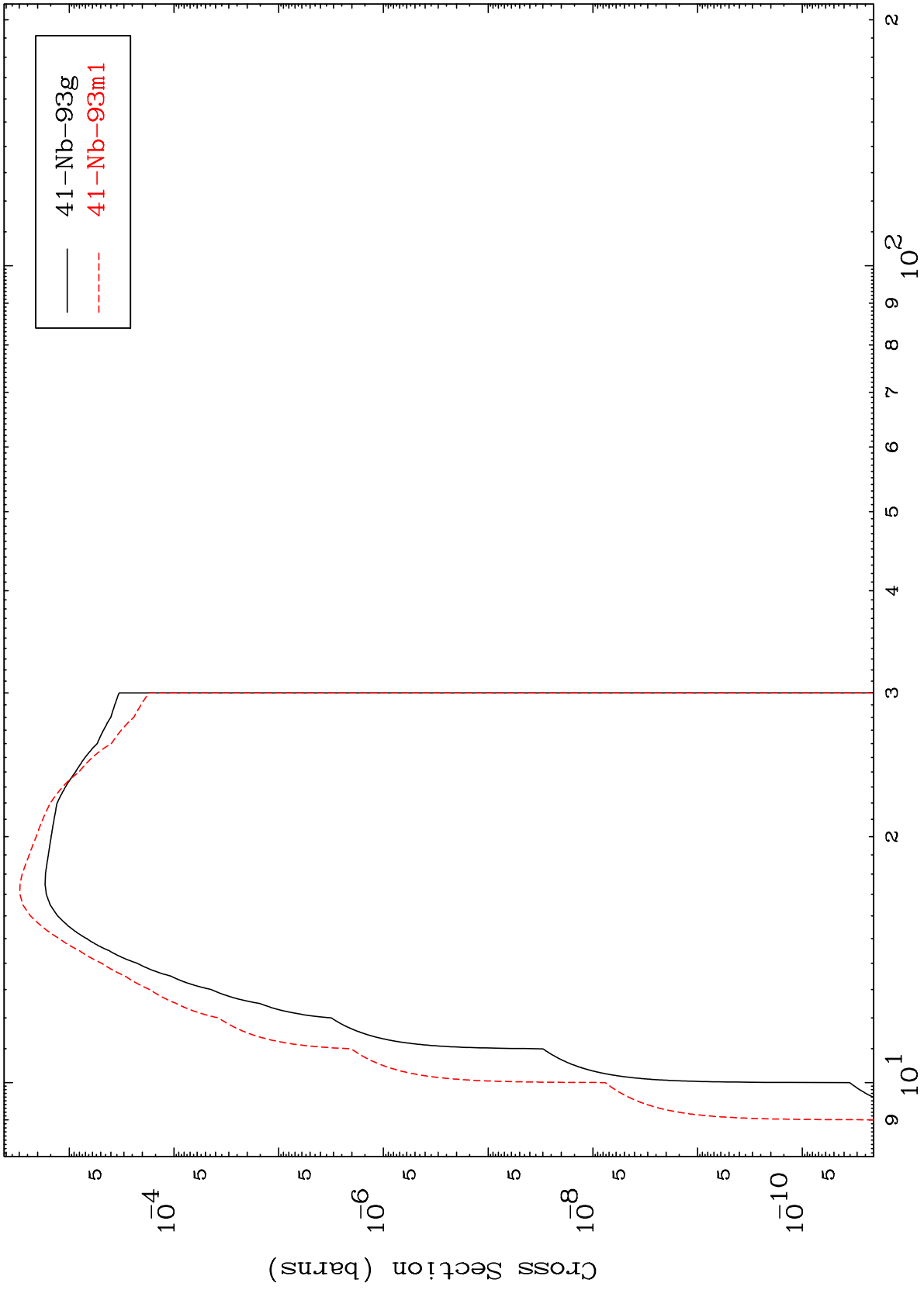
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,p)  
Radionuclide Production Cross Section



17

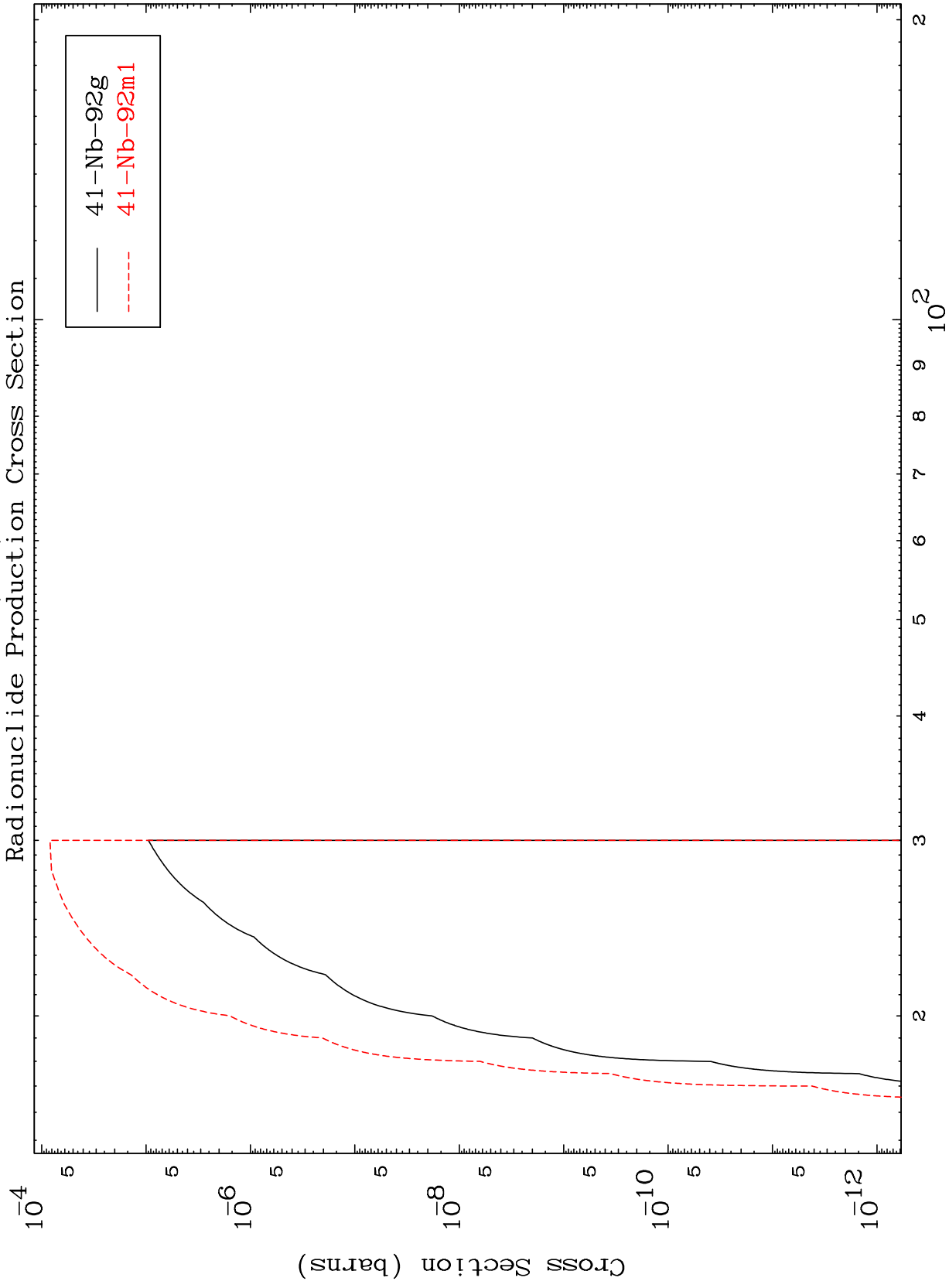
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,d)  
Radionuclide Production Cross Section



18

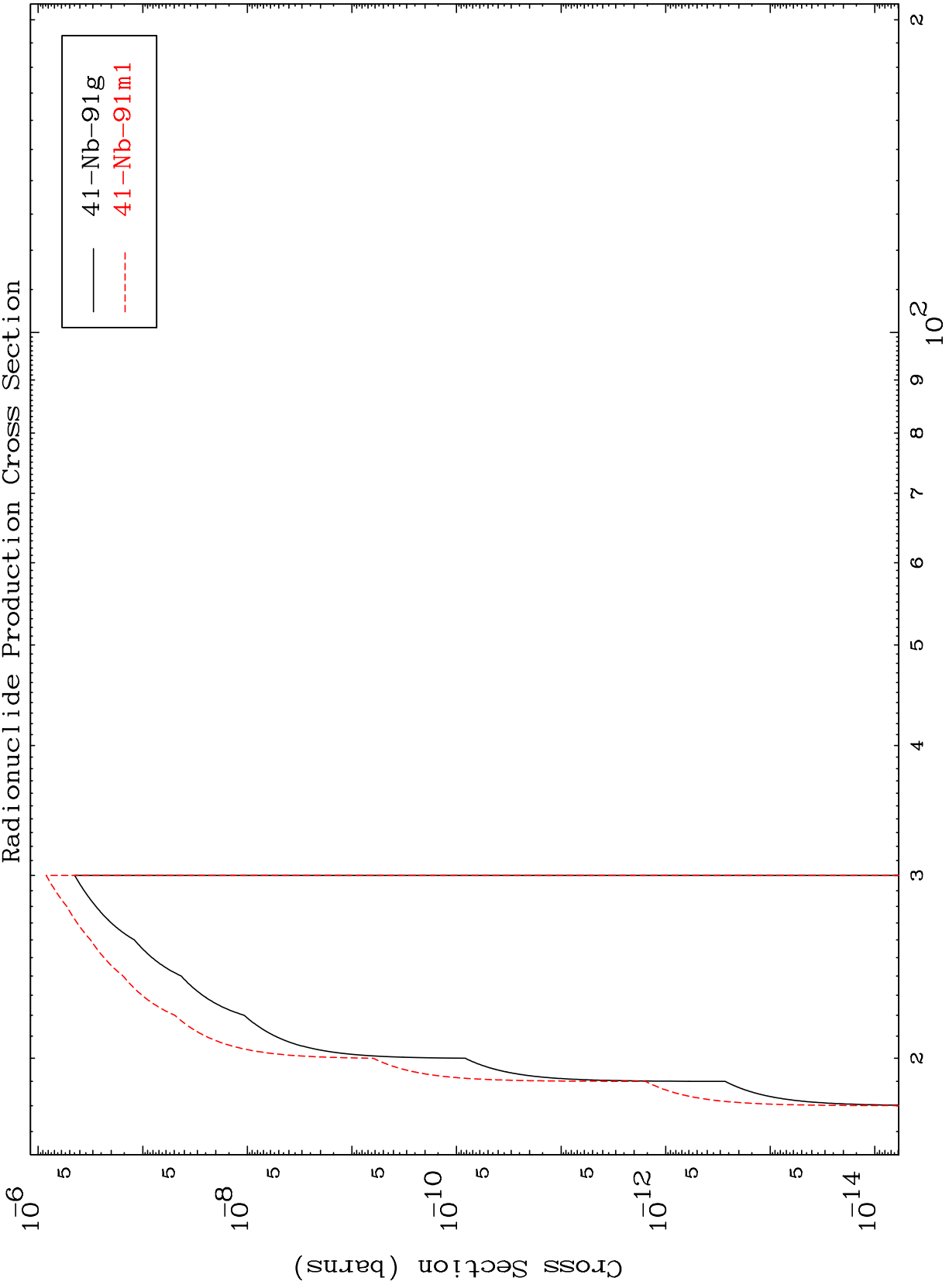
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n, t)  
Radionuclide Production Cross Section



19

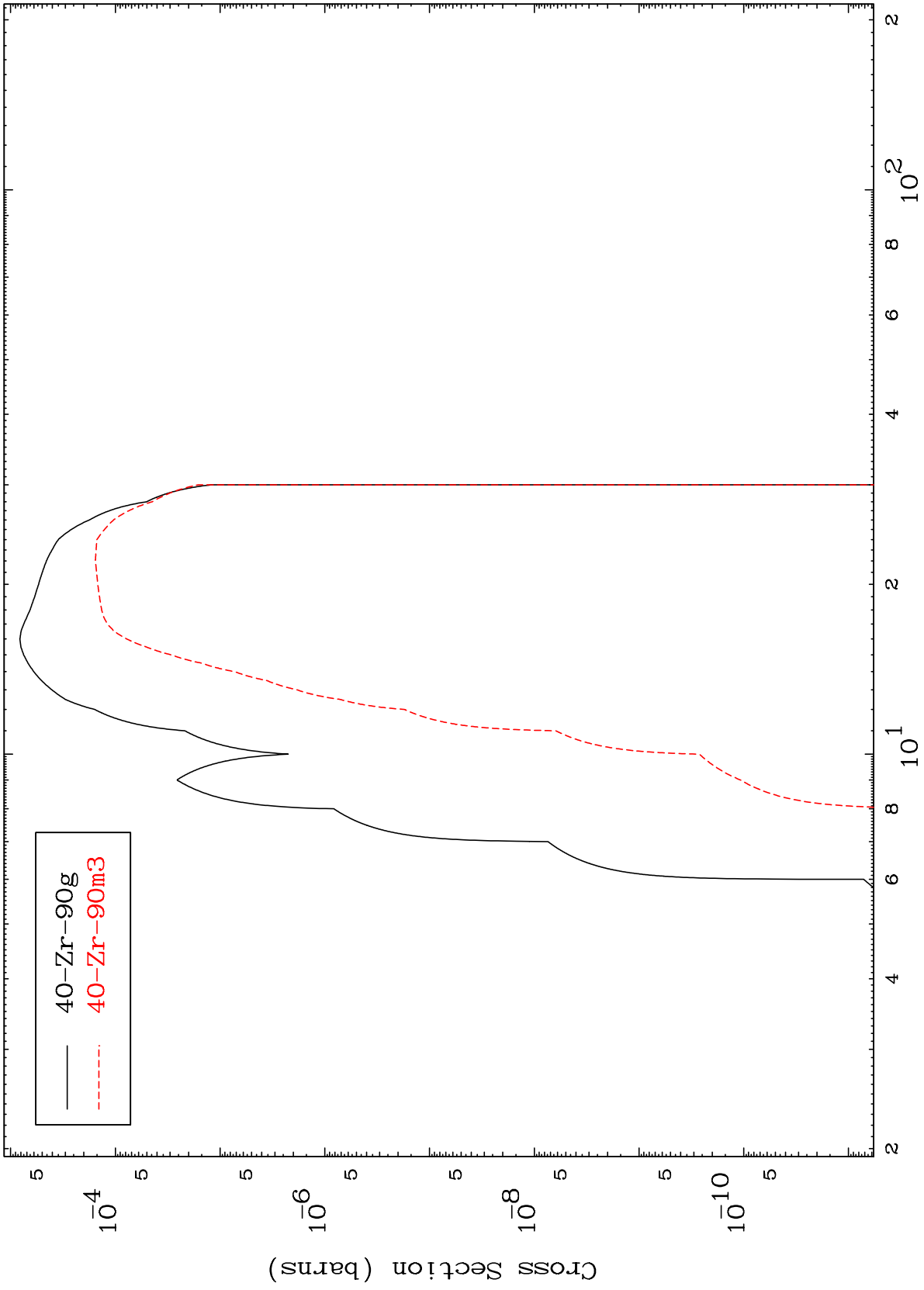
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

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



40-Zr-90g  
40-Zr-90m3

20

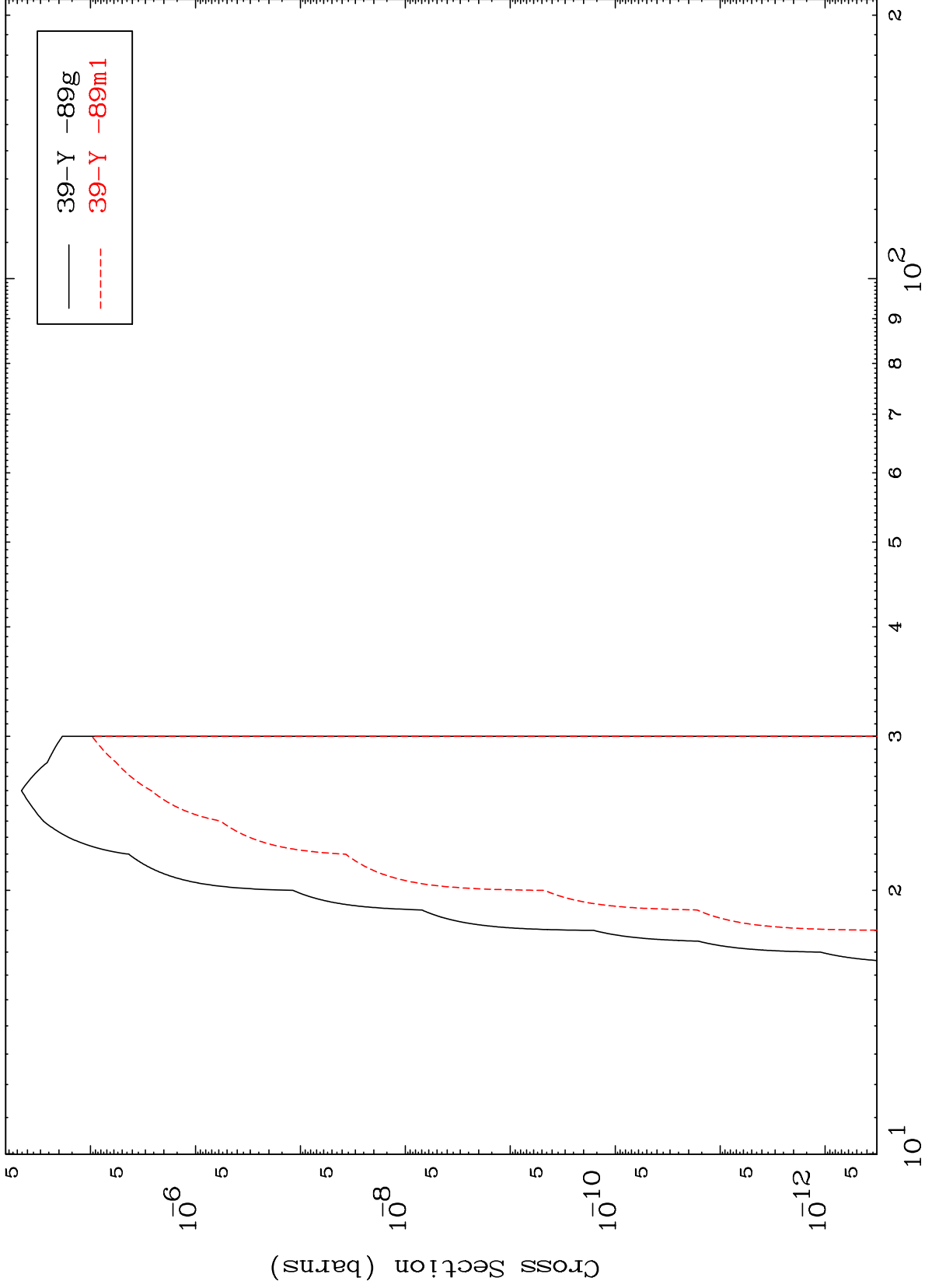
42-Mo-94

MAT 4231

(n,p)  $\alpha$

42-Mo-94

Radionuclide Production Cross Section



21

Incident Energy (MeV)

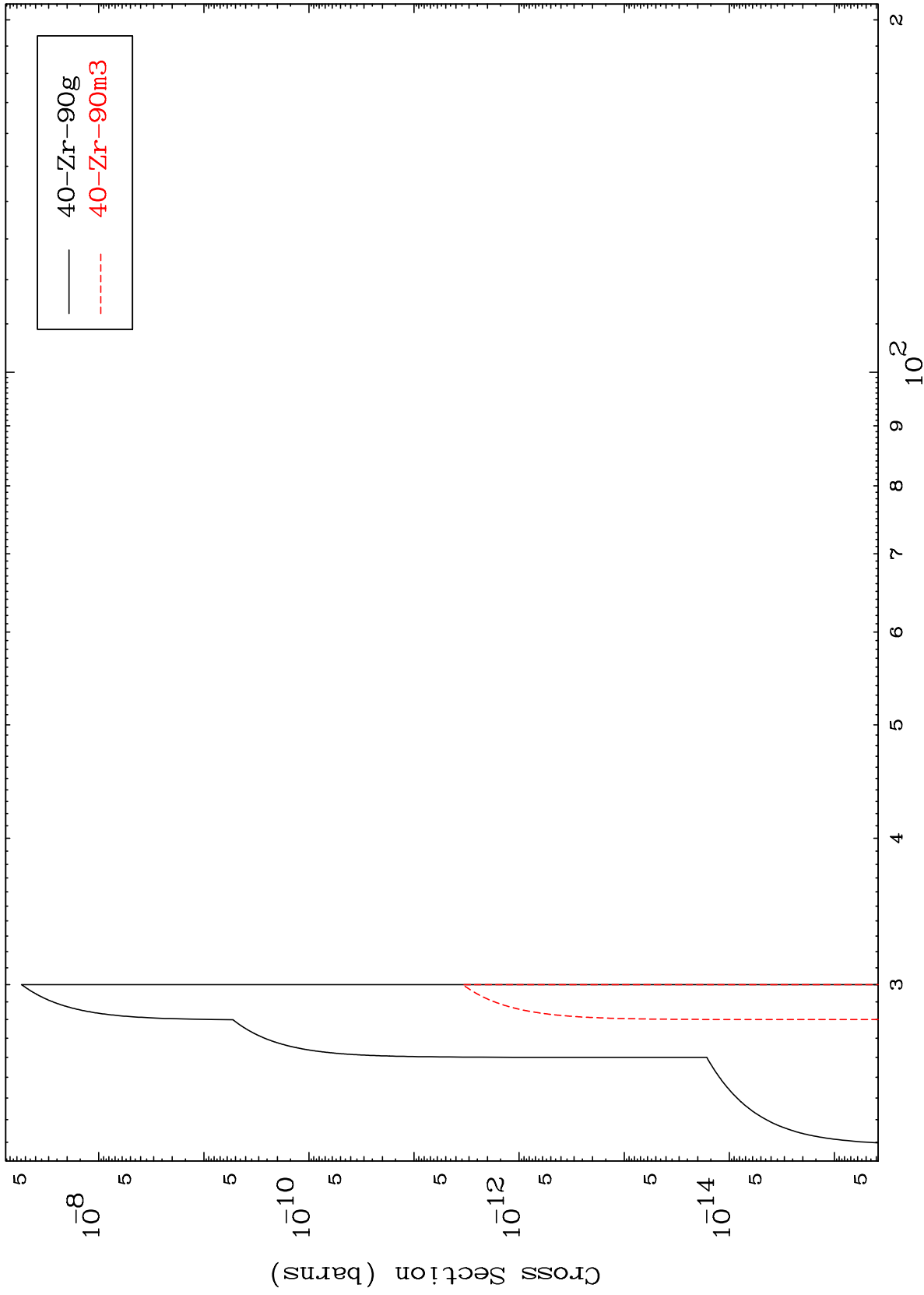
42-Mo-94

MAT 4231

(n,p) t

42-Mo-94

Radionuclide Production Cross Section



22

Incident Energy (MeV)

42-Mo-94