

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

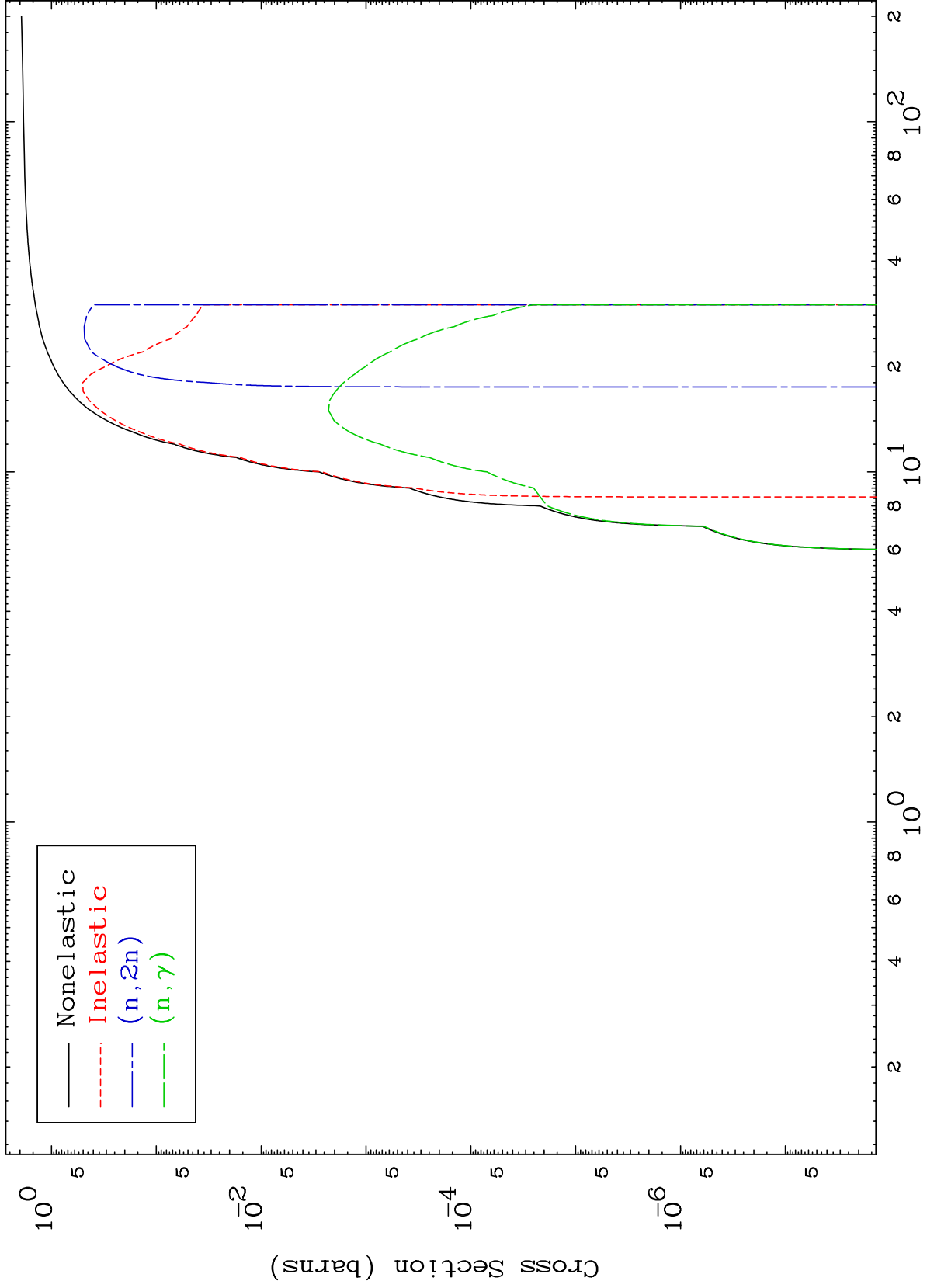
Press Mouse Button to Start

MAT 4119

$\alpha$  Major

41-Nb-91

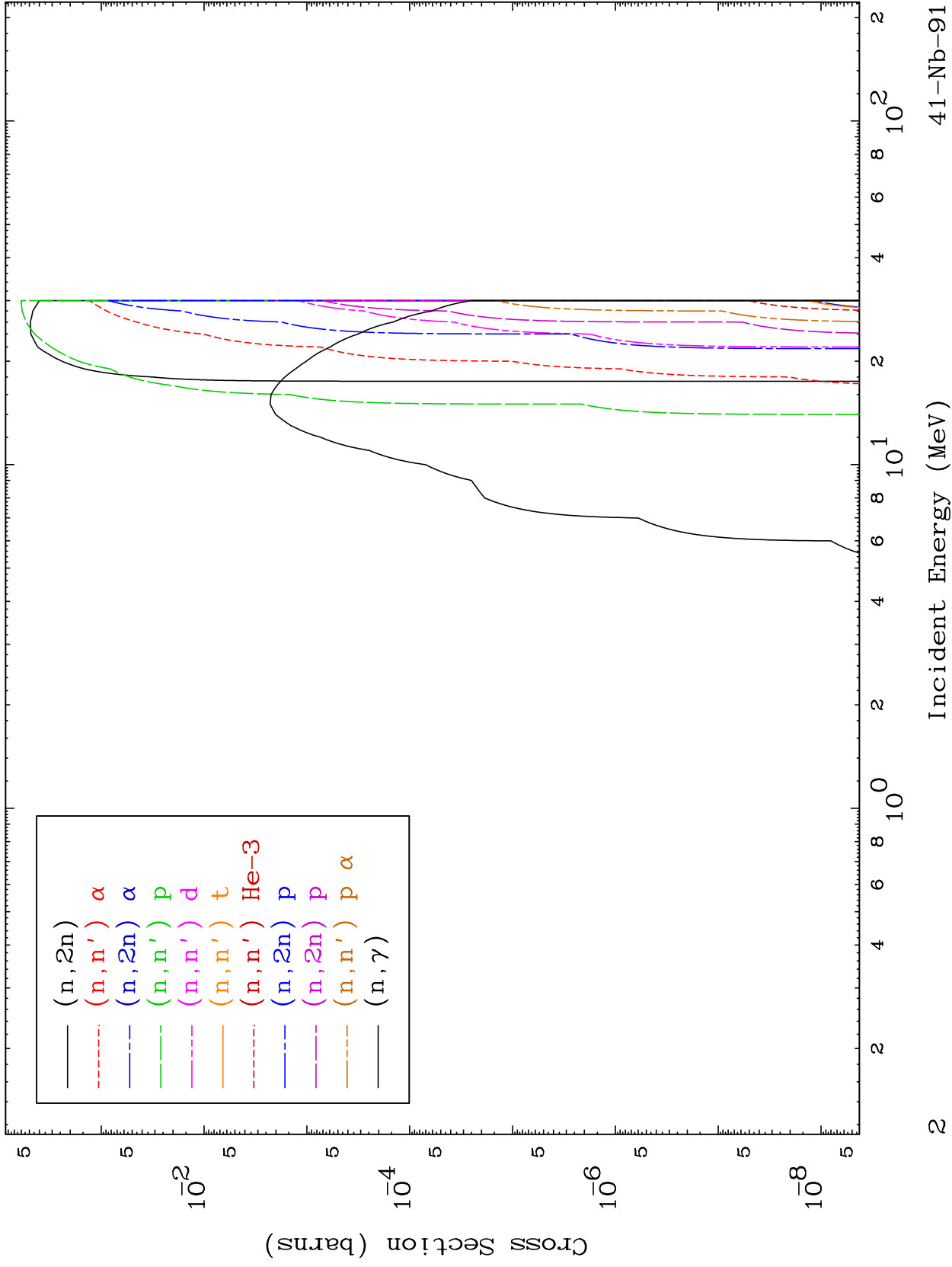
0 Kelvin Cross Sections

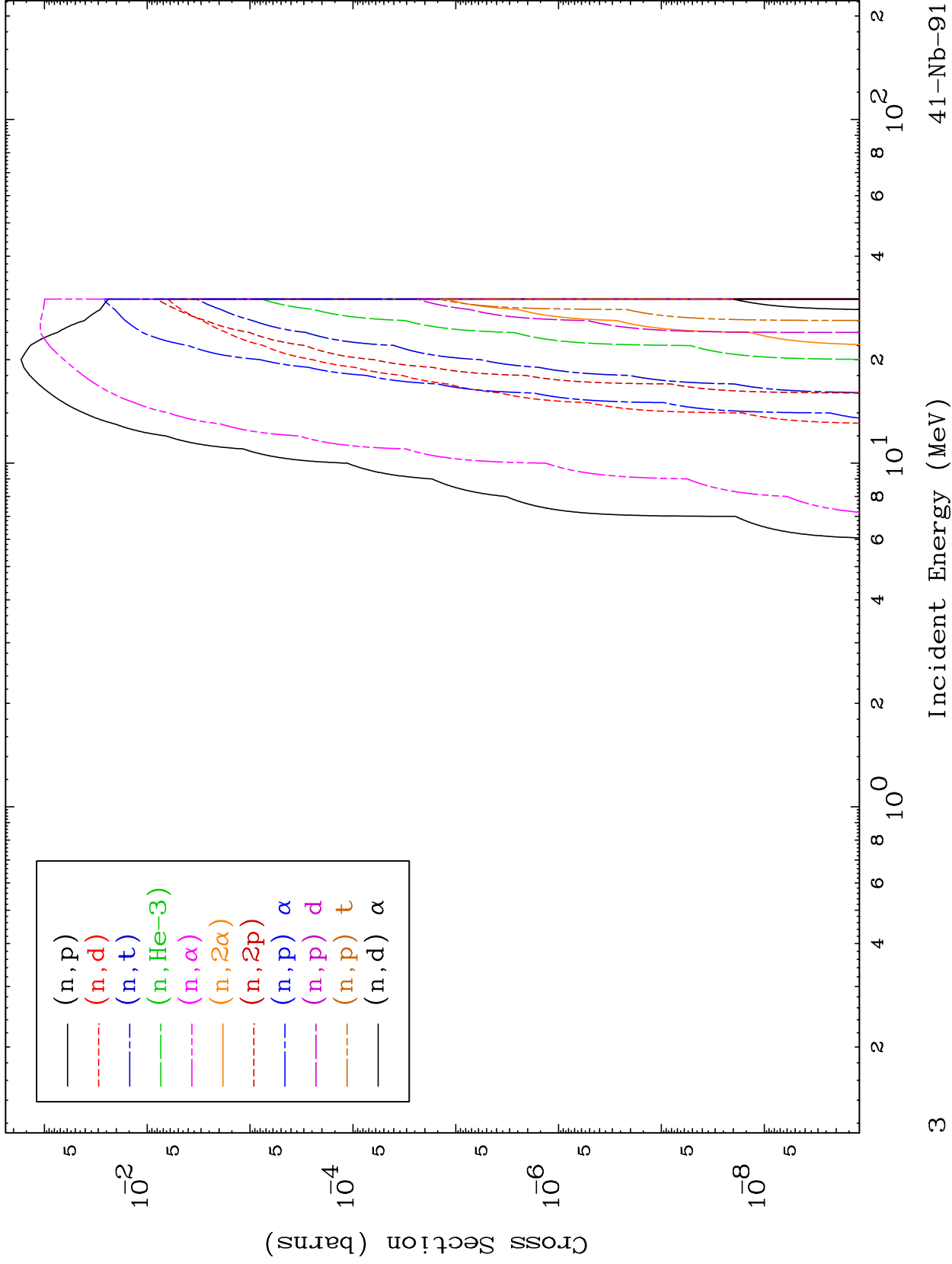


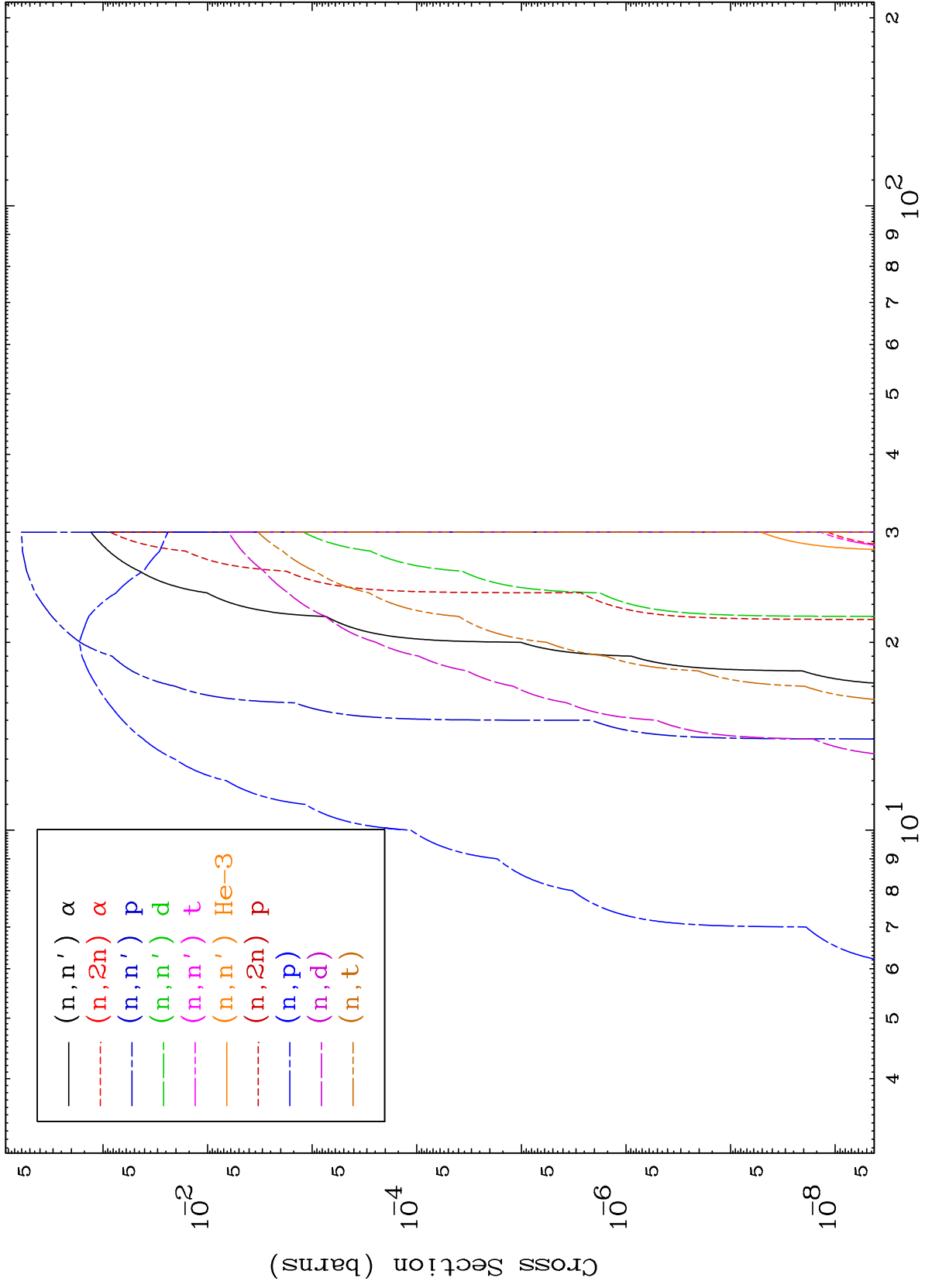
MAT 4119

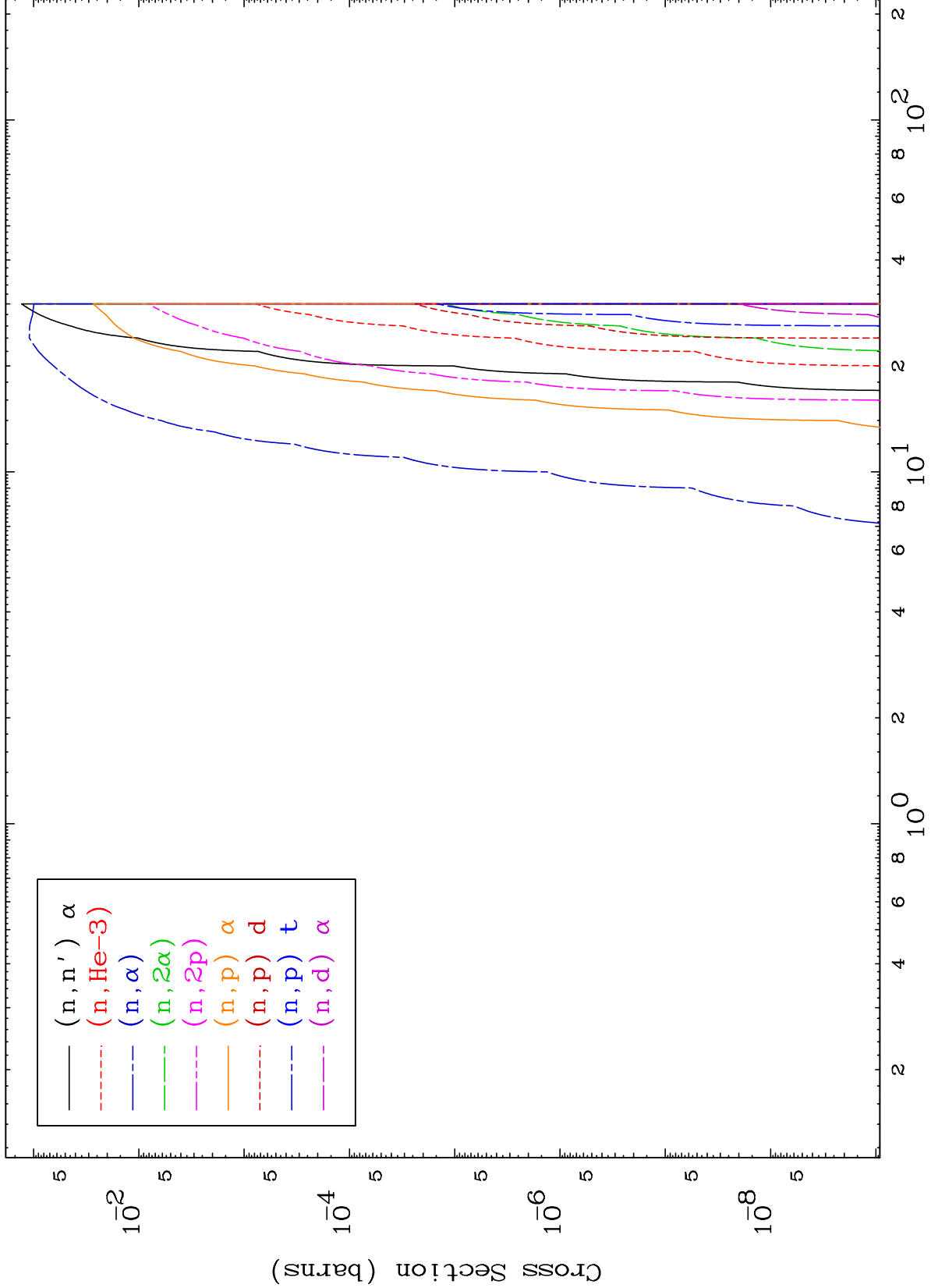
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-91





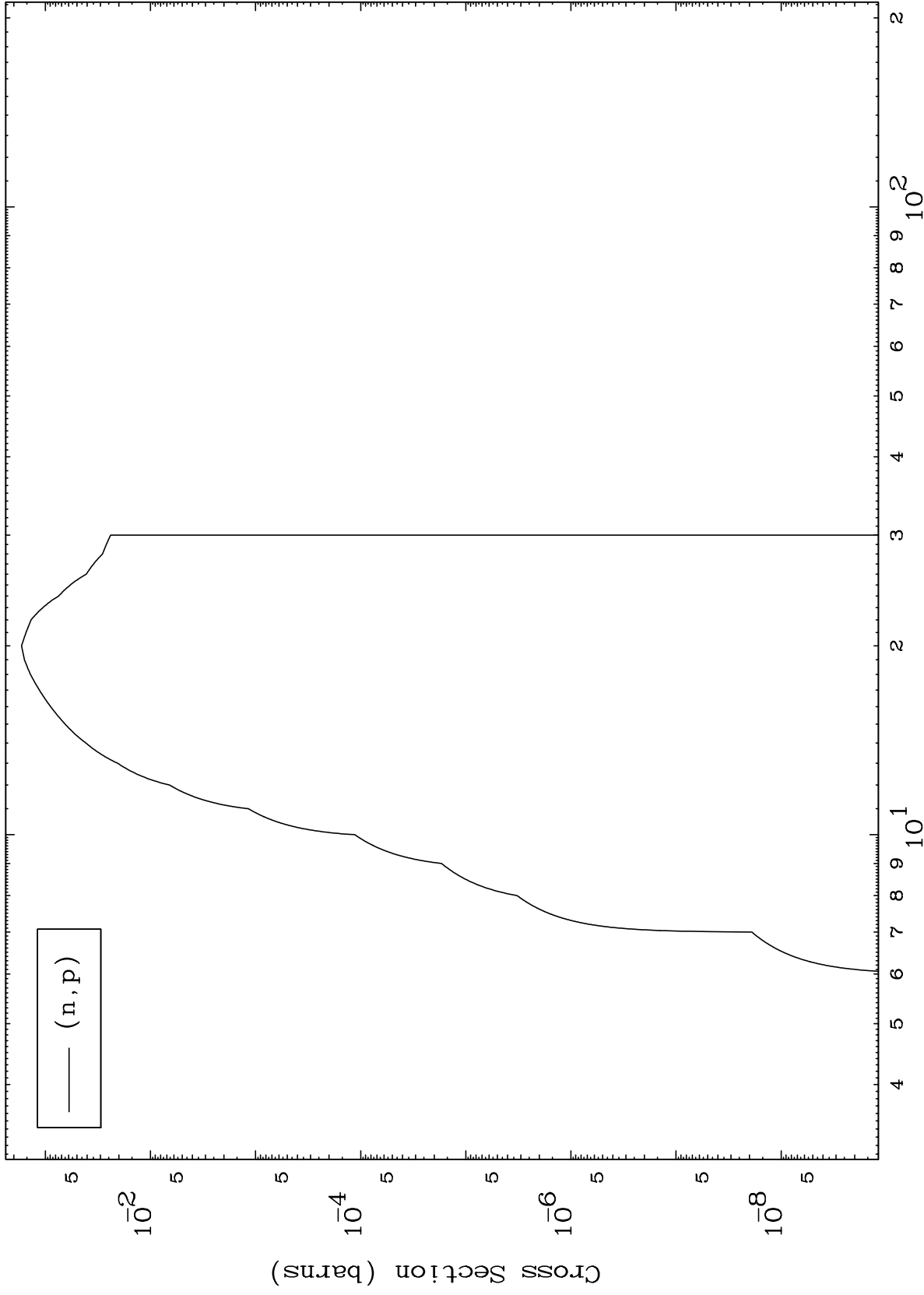


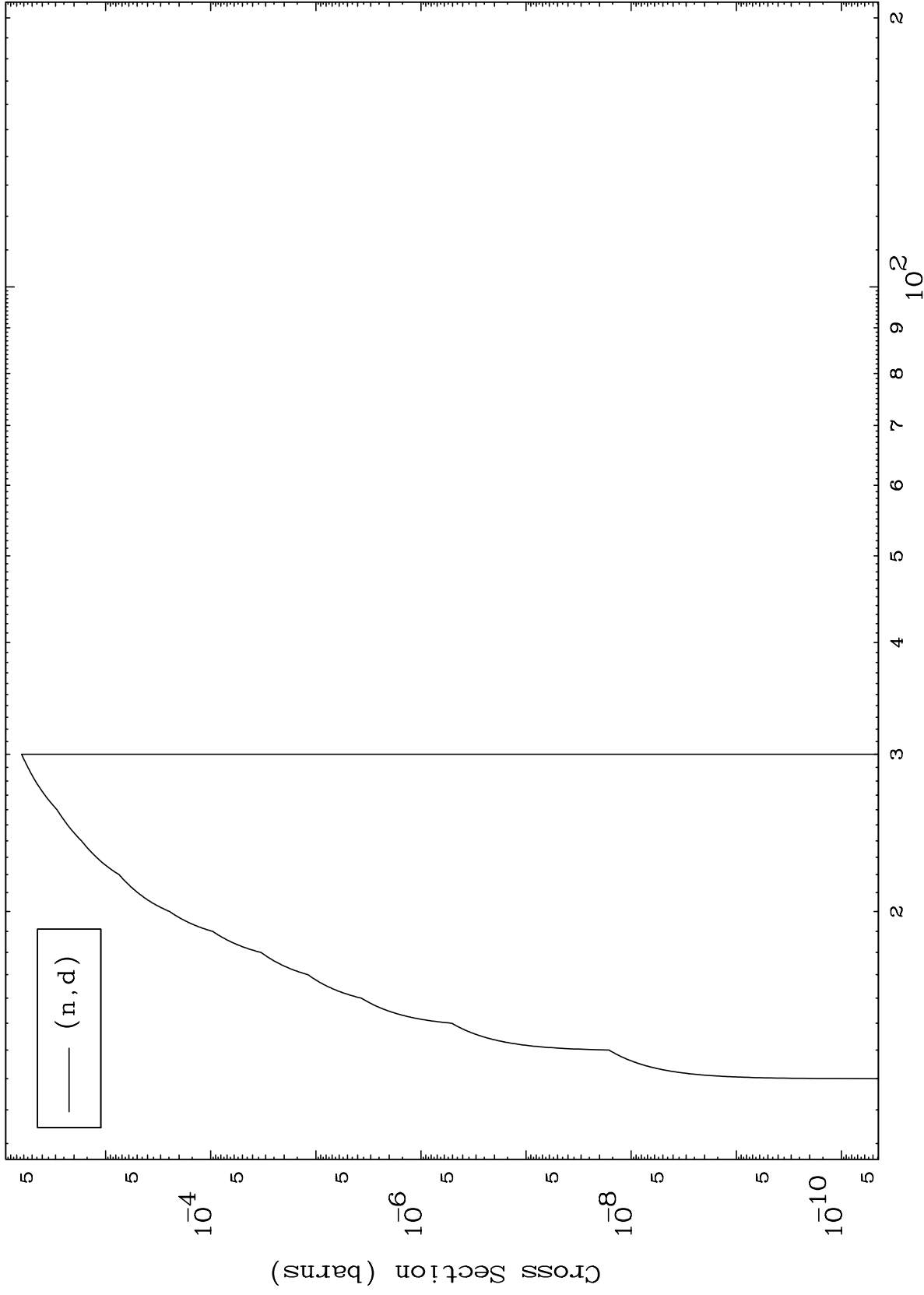


MAT 4119

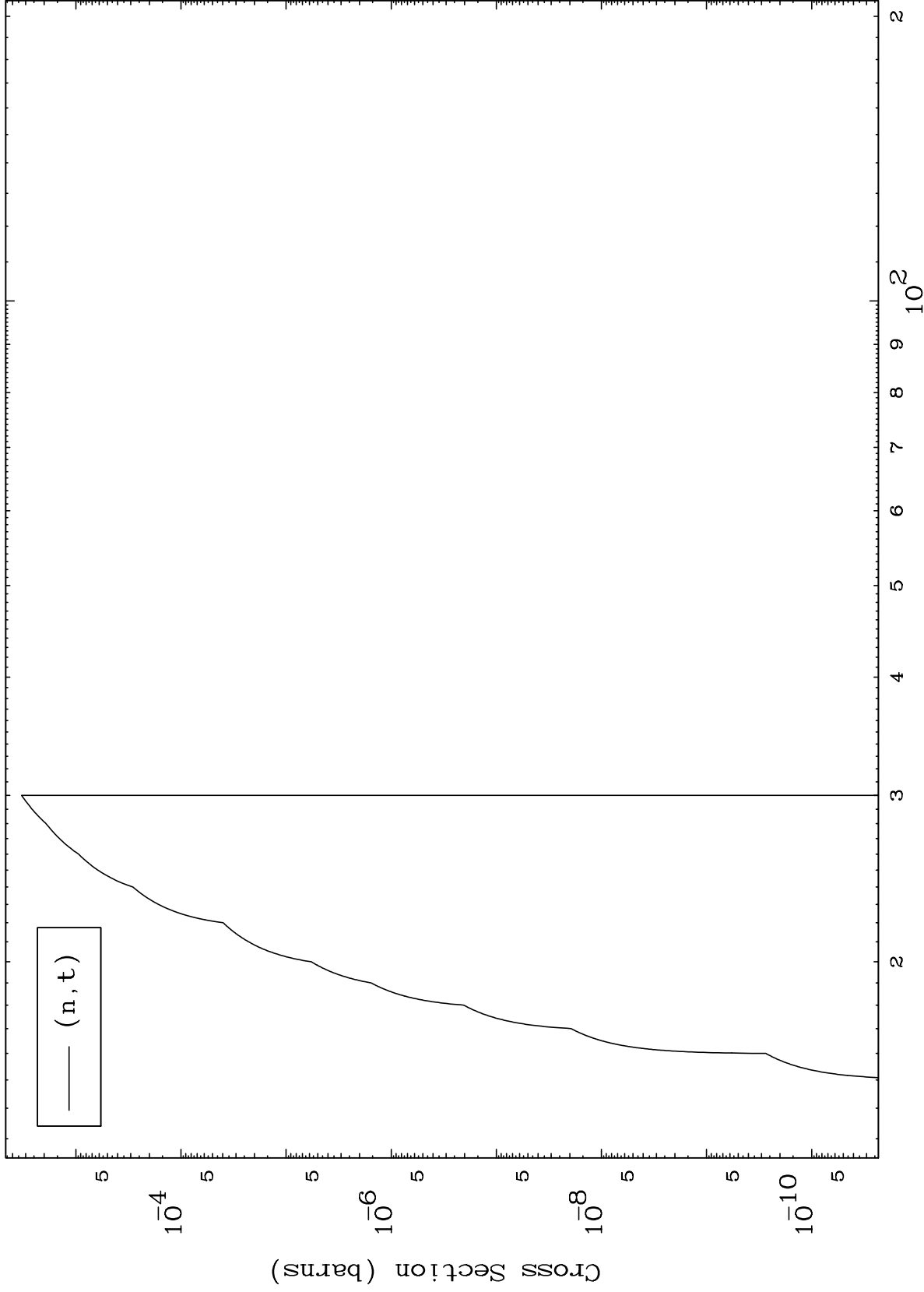
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

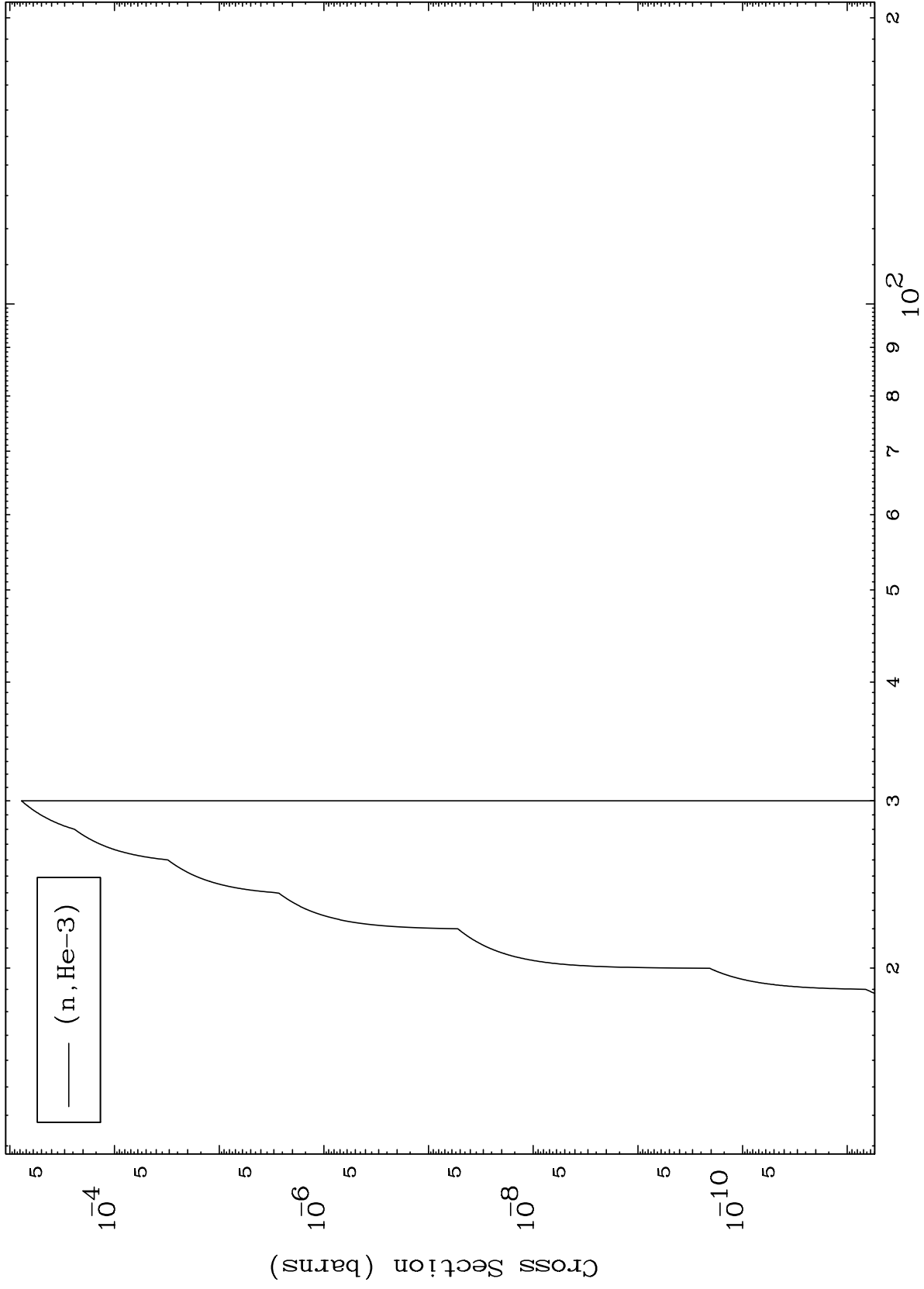
41-Nb-91









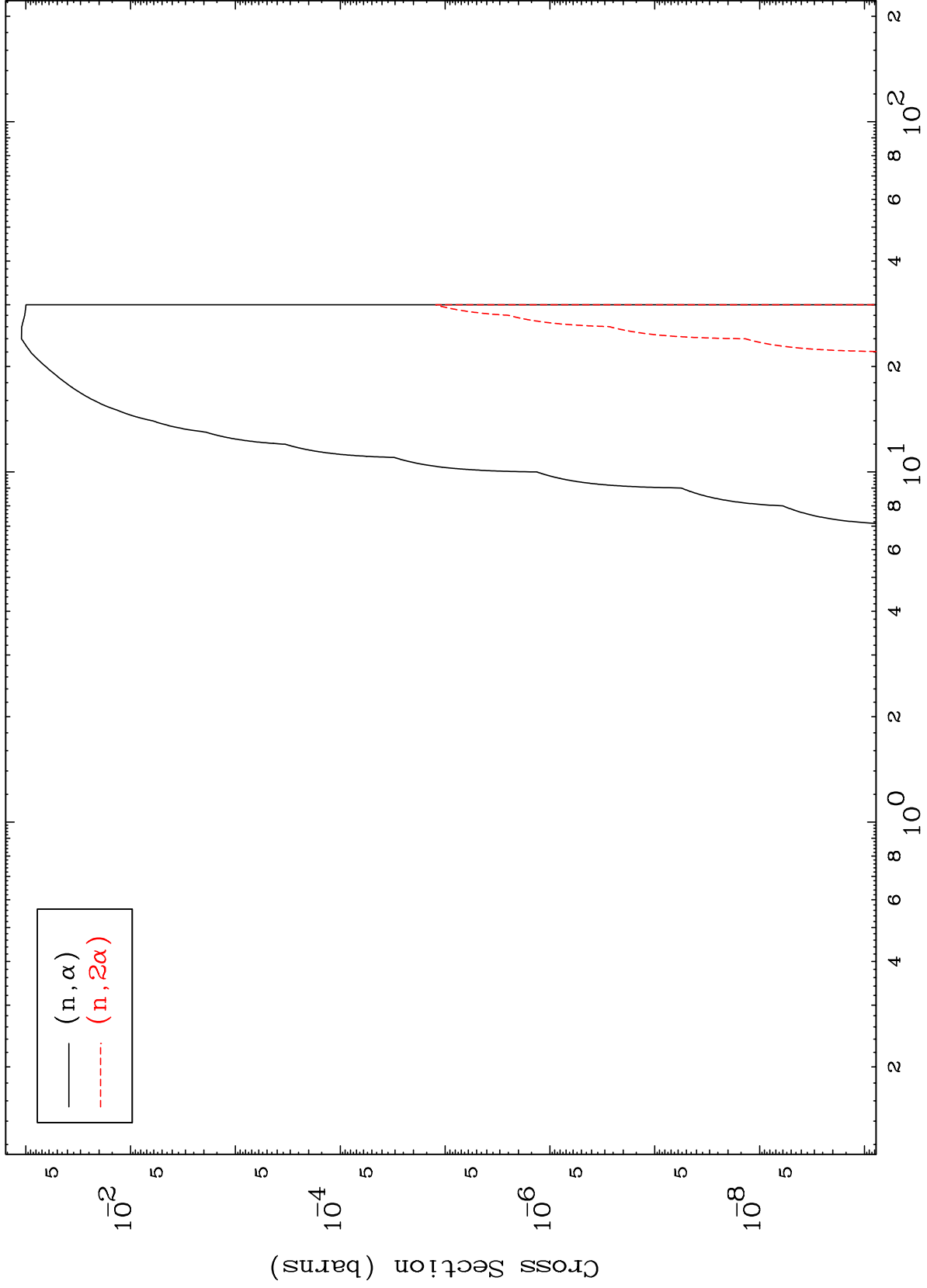


MAT 4119

( $\alpha, \alpha$ ) Levels

41-Nb-91

0 Kelvin Cross Sections



10

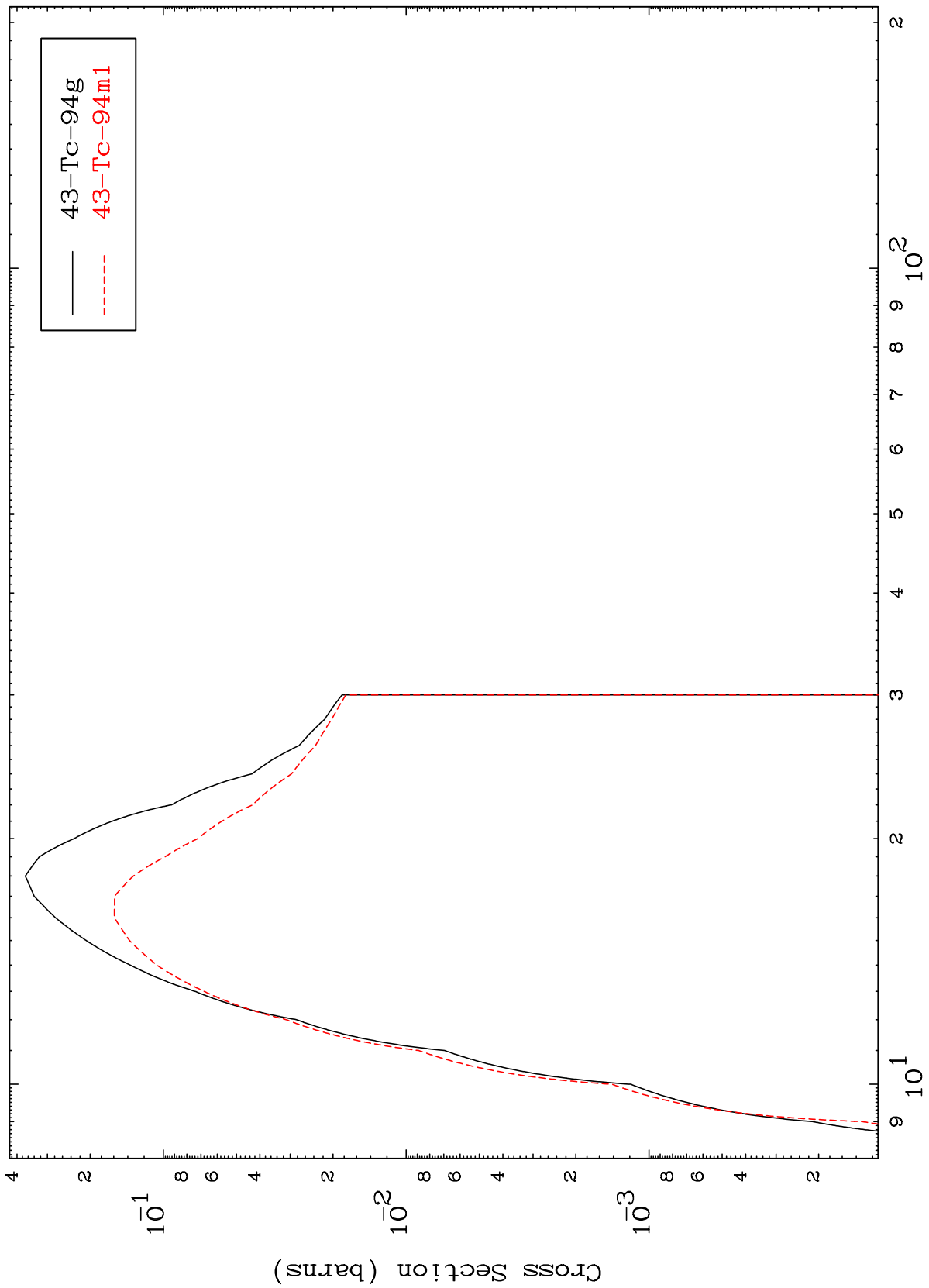
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Inelastic  
Radionuclide Production Cross Section



43-Tc-94g  
43-Tc-94m1

11

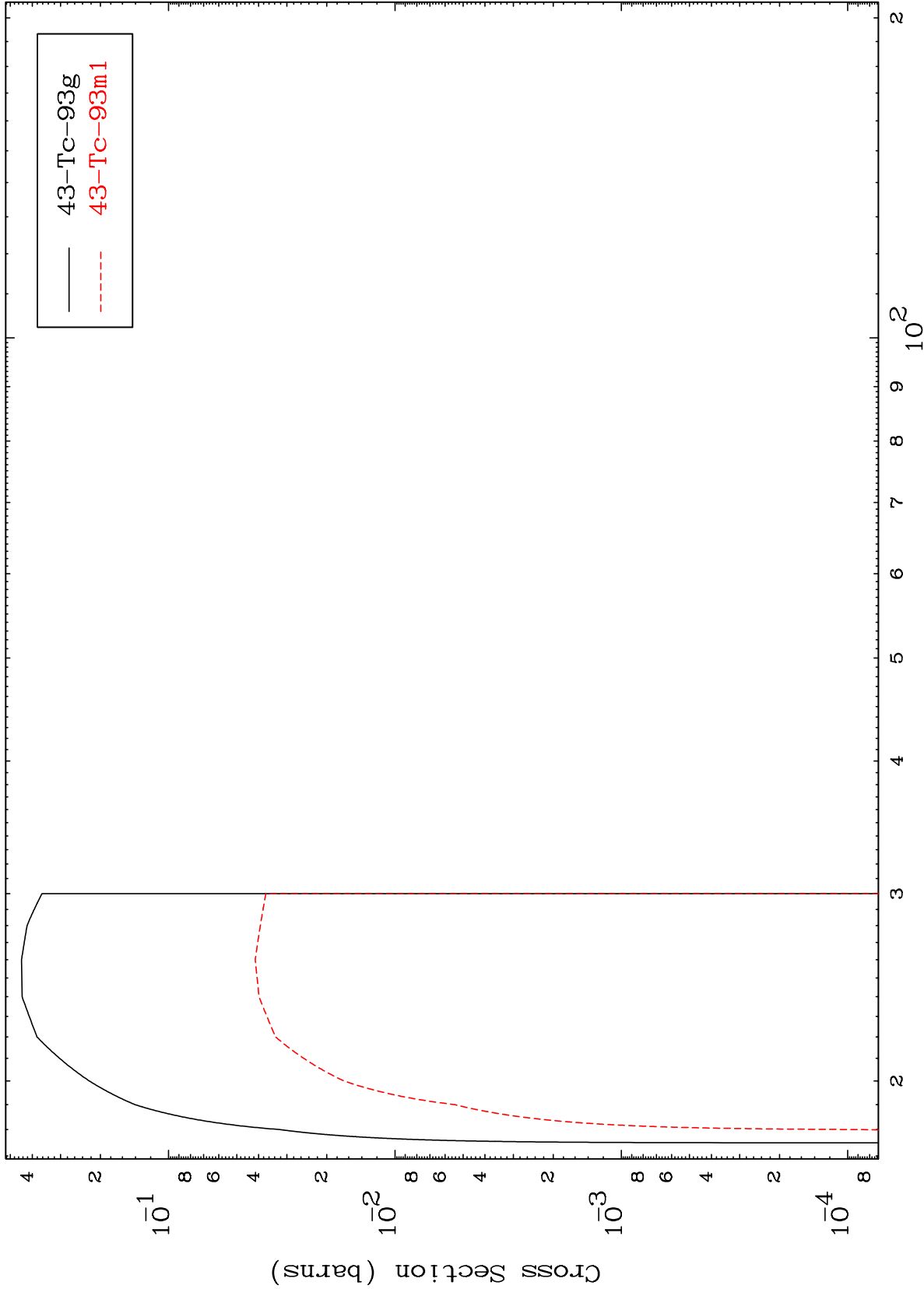
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,2n)  
Radionuclide Production Cross Section



43-Tc-93g  
43-Tc-93m1

12

41-Nb-91

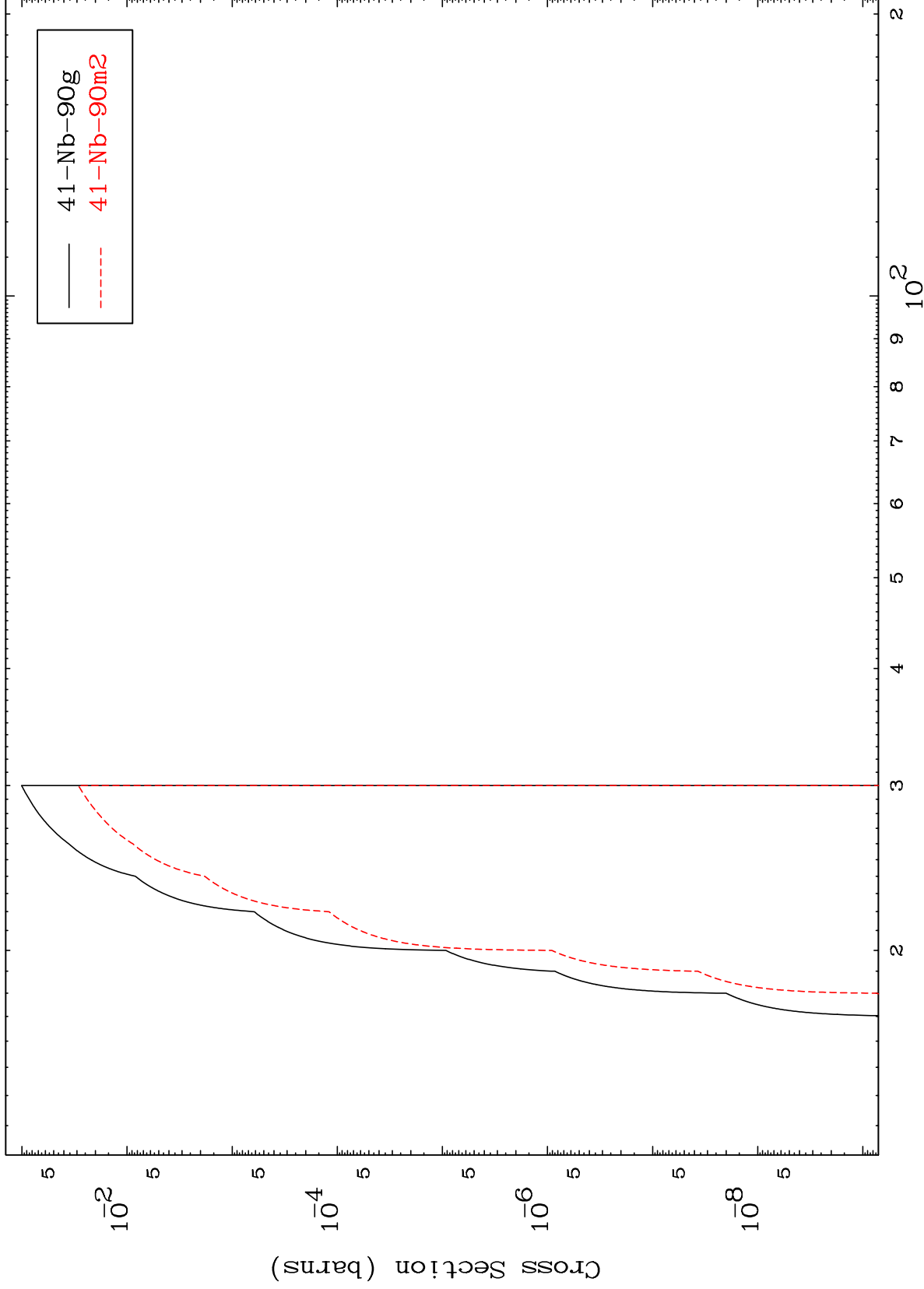
Incident Energy (MeV)

MAT 4119

$(n, n')$   $\alpha$

41-Nb-91

Radionuclide Production Cross Section



13

Incident Energy (MeV)

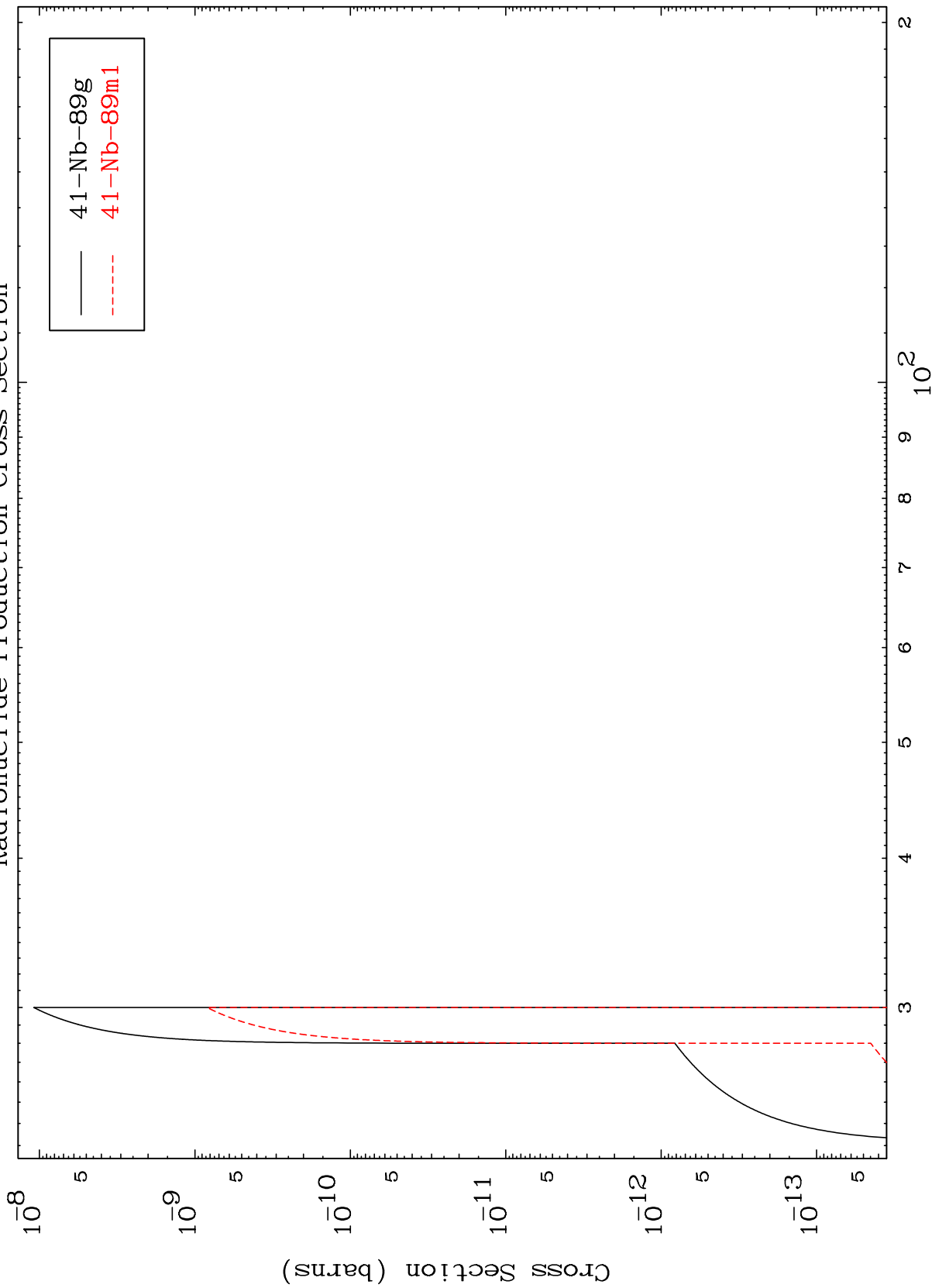
41-Nb-91

MAT 4119

(n,2n)  $\alpha$

41-Nb-91

Radionuclide Production Cross Section



14

Incident Energy (MeV)

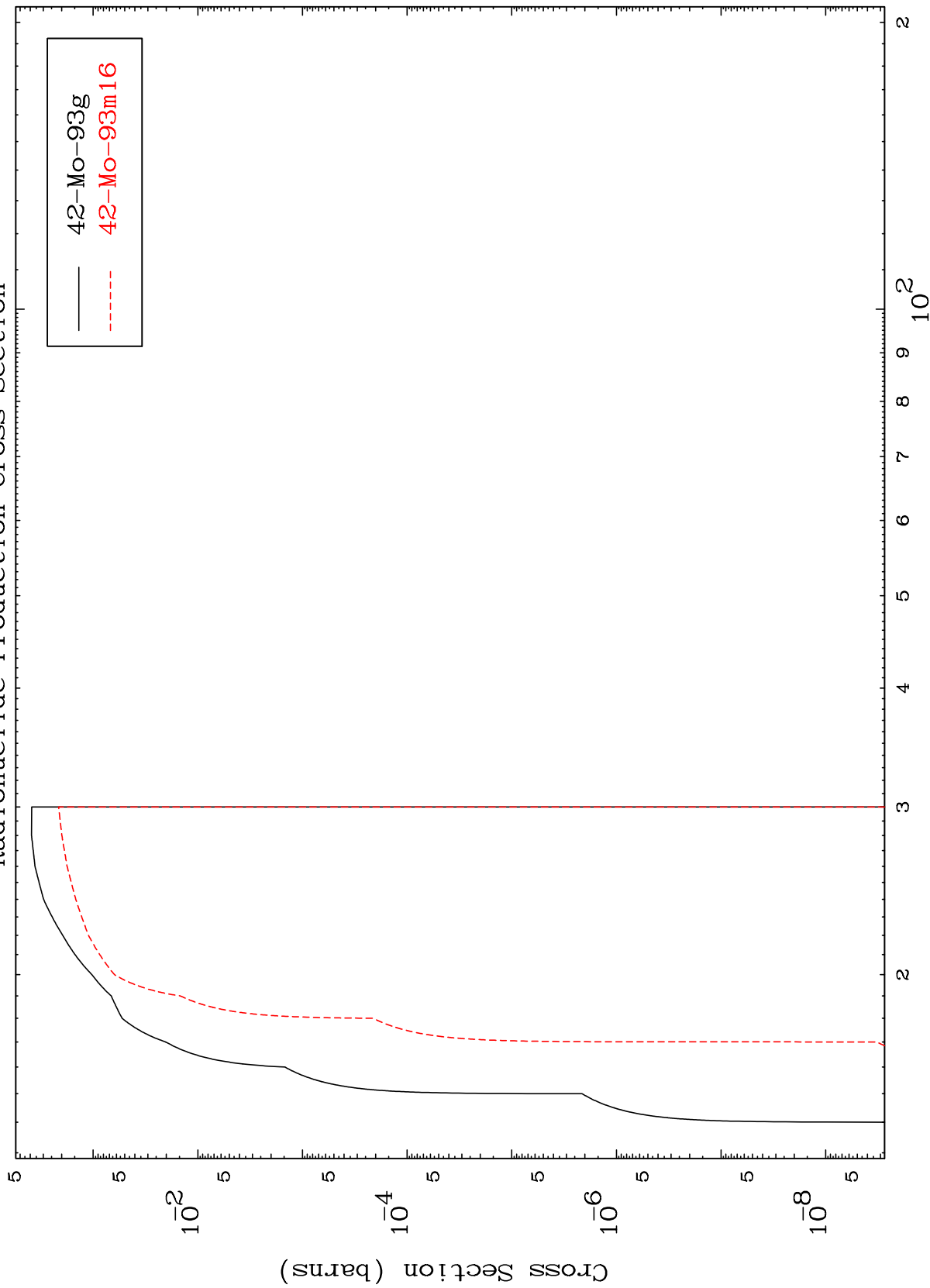
41-Nb-91

MAT 4119

(n,n') p

41-Nb-91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-91

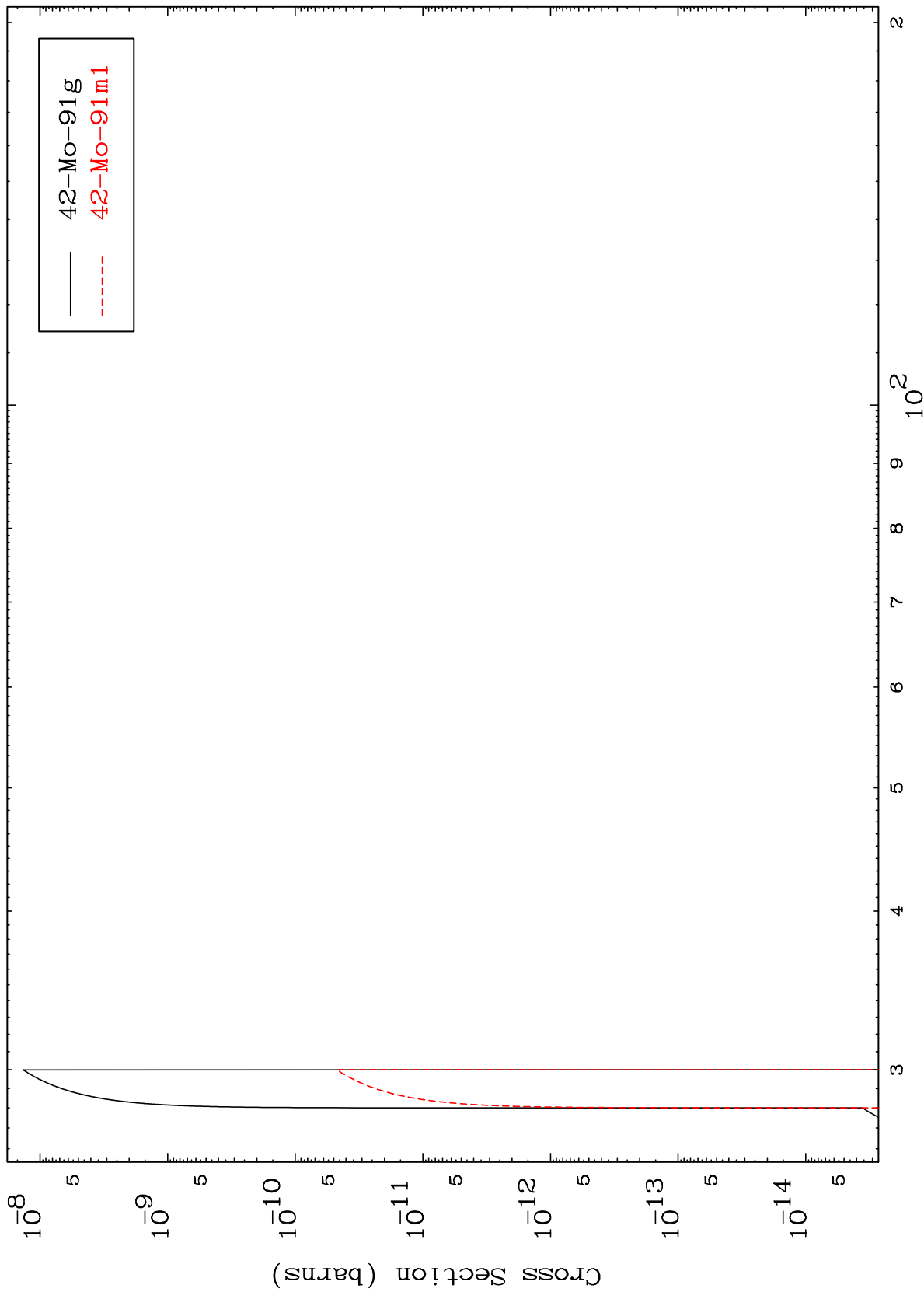


MAT 4119

(n,n') t

41-Nb-91

Radionuclide Production Cross Section



16

Incident Energy (MeV)

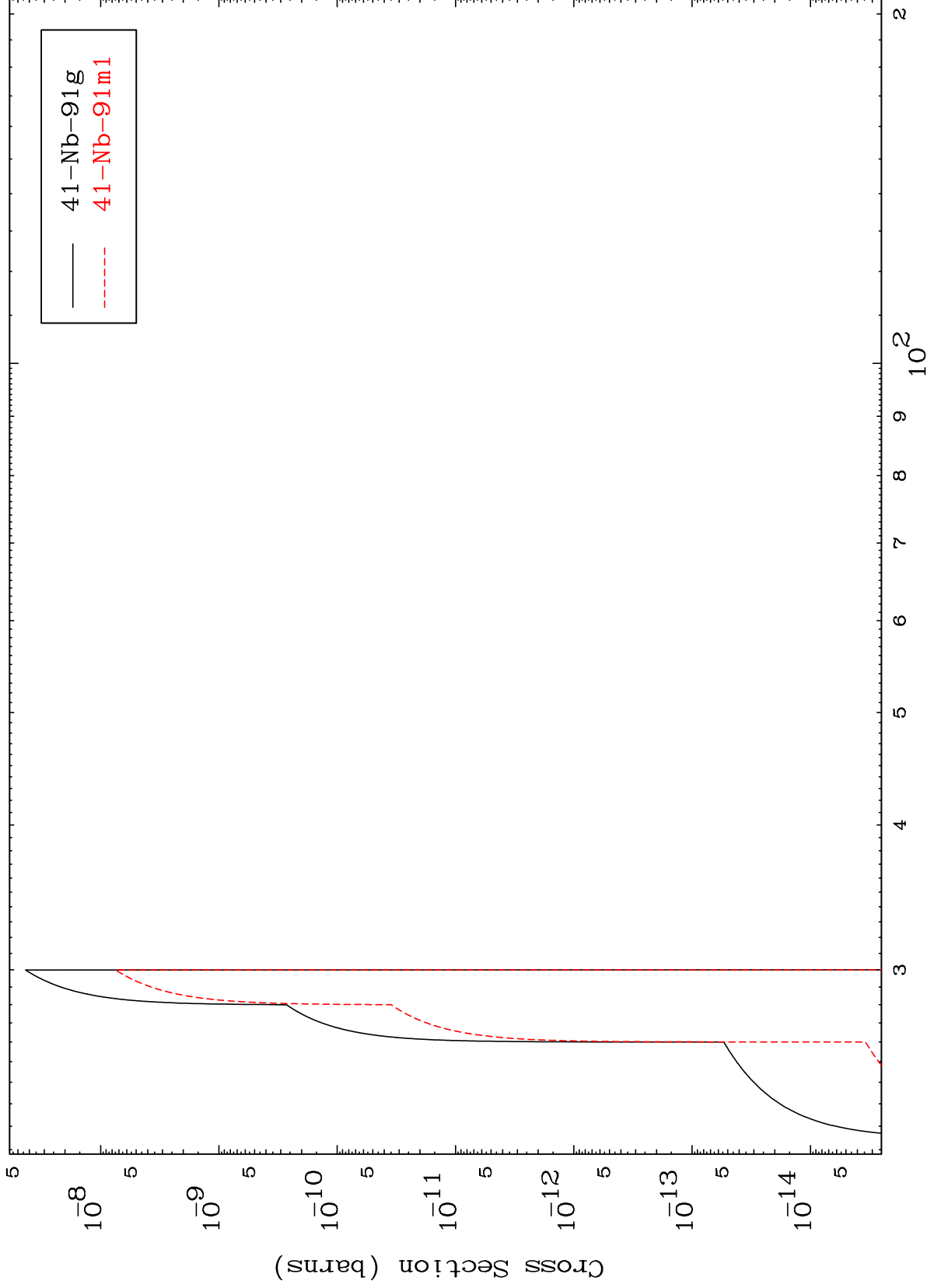
41-Nb-91

MAT 4119

(n,n') He-3

41-Nb-91

Radionuclide Production Cross Section

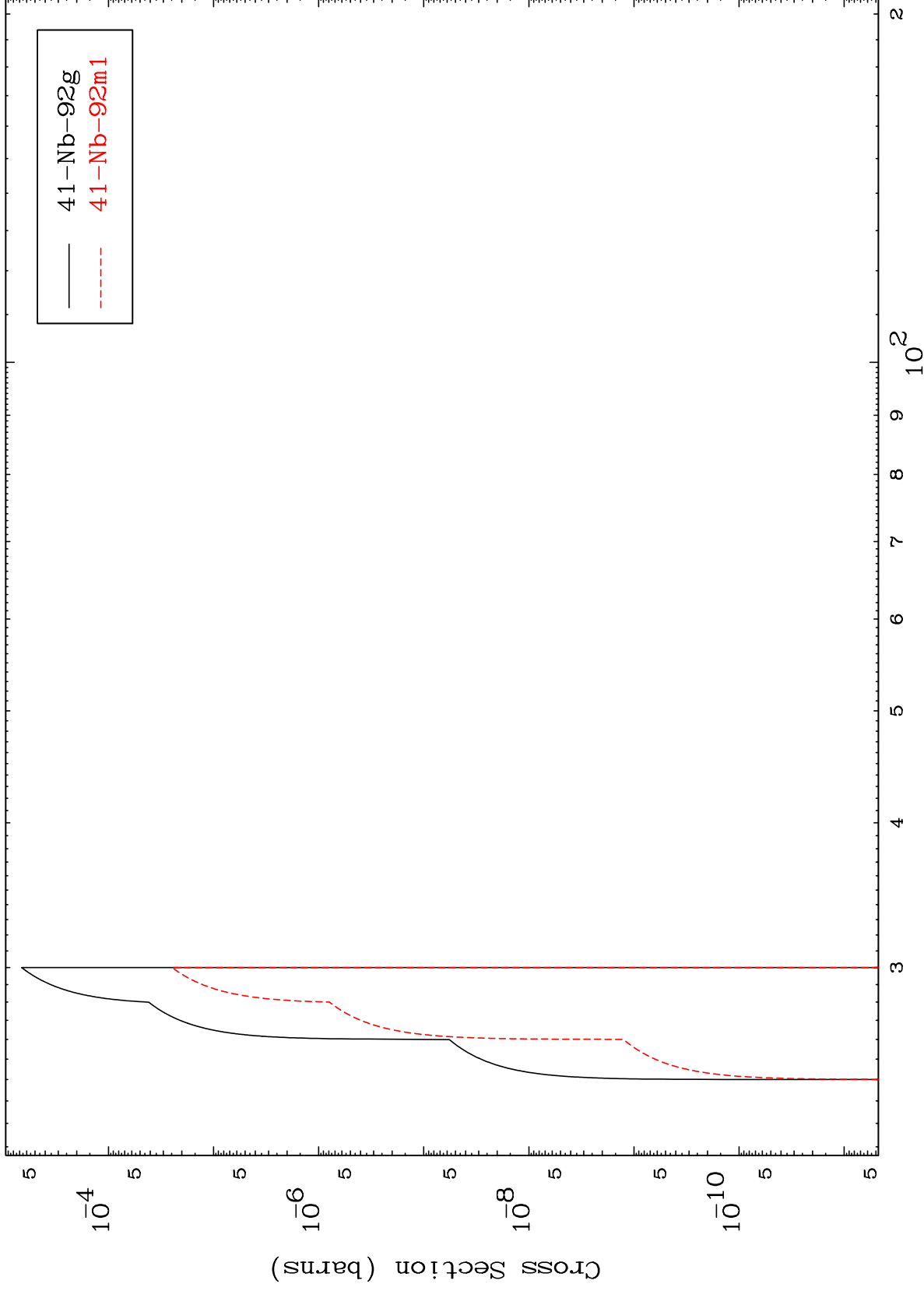


MAT 4119

(n,2n) p

41-Nb-91

Radionuclide Production Cross Section

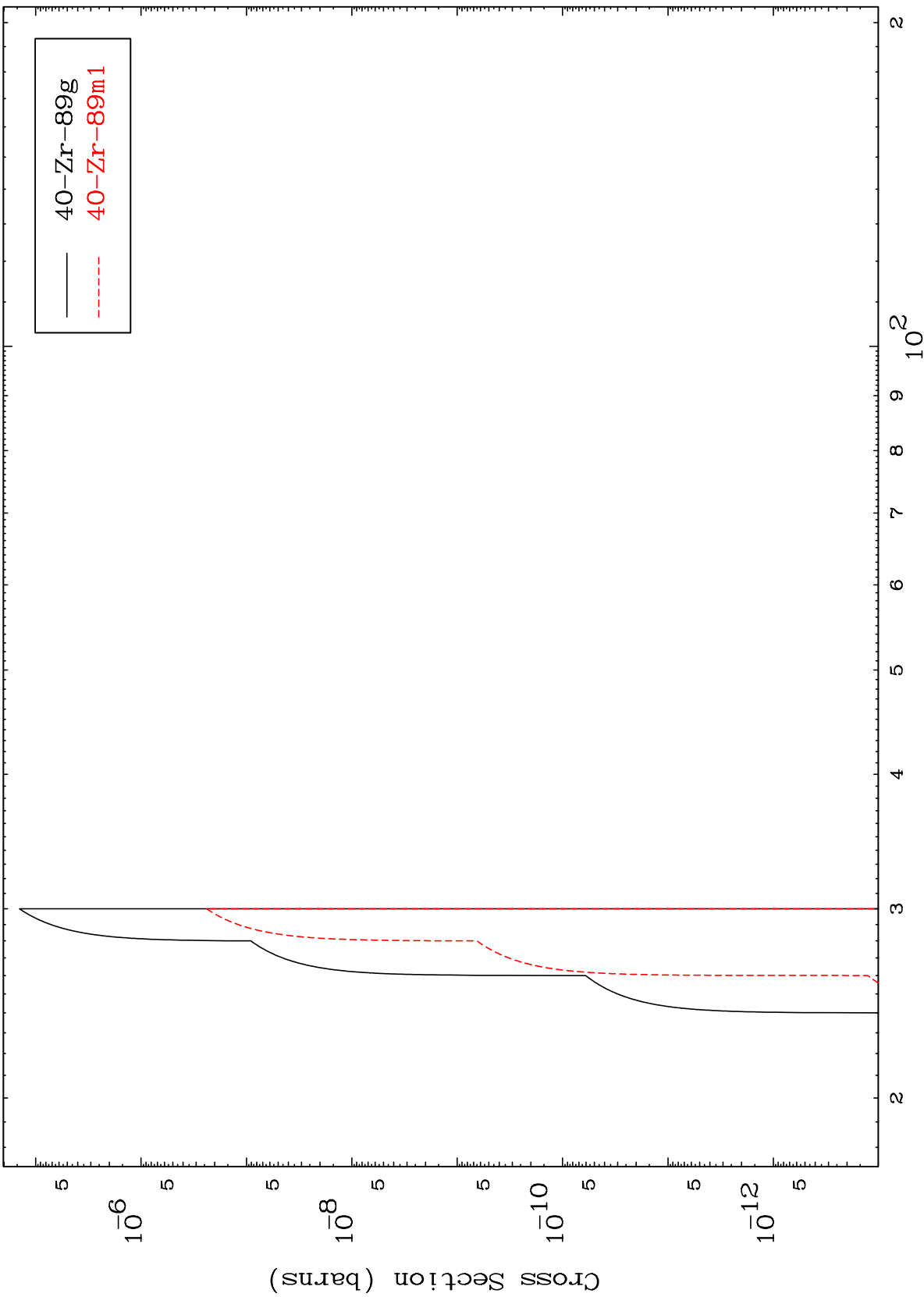


18

Incident Energy (MeV)

41-Nb-91

Radionuclide Production Cross Section

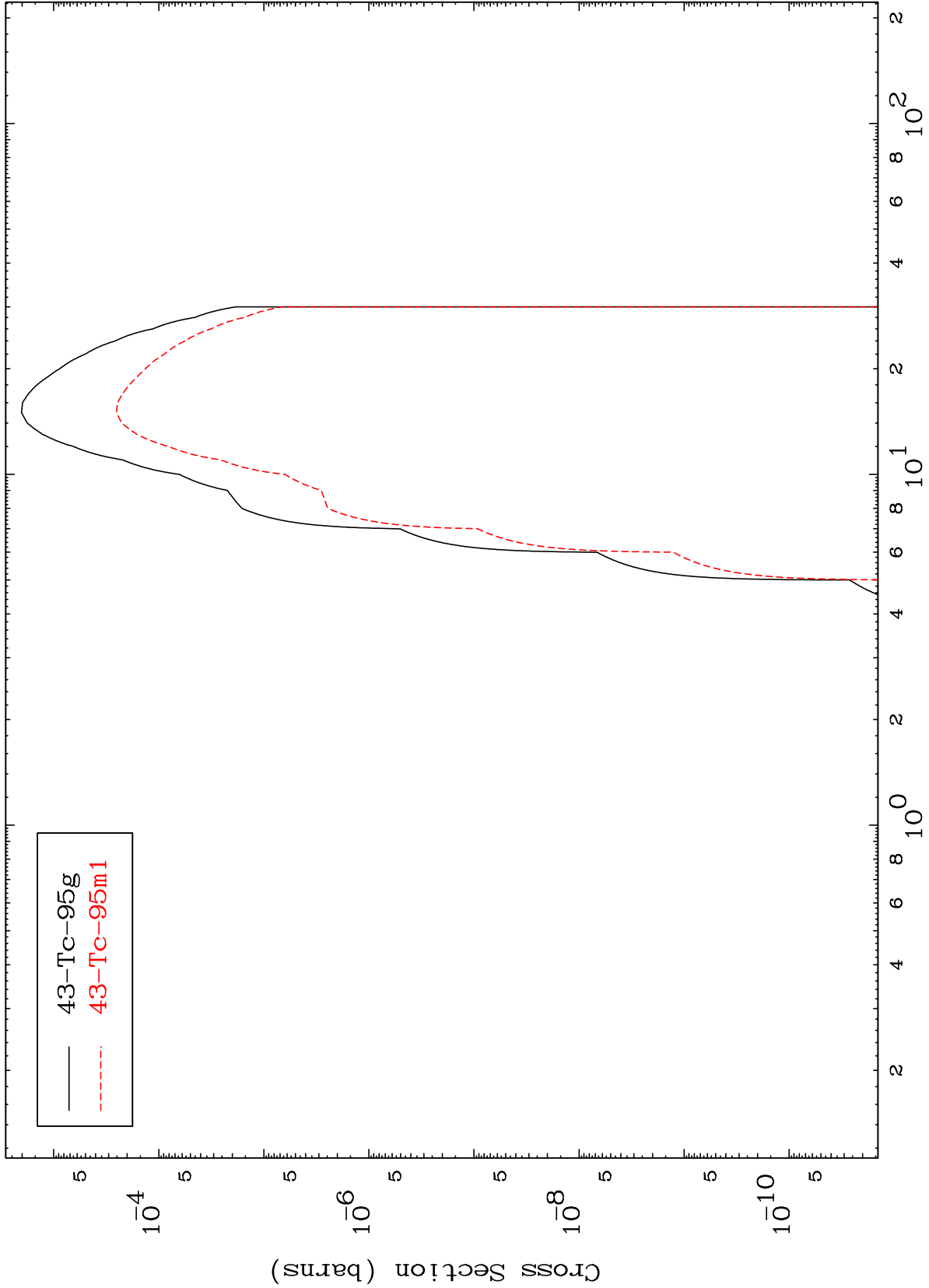


40-Zr-89g  
40-Zr-89m1

MAT 4119

41-Nb-91

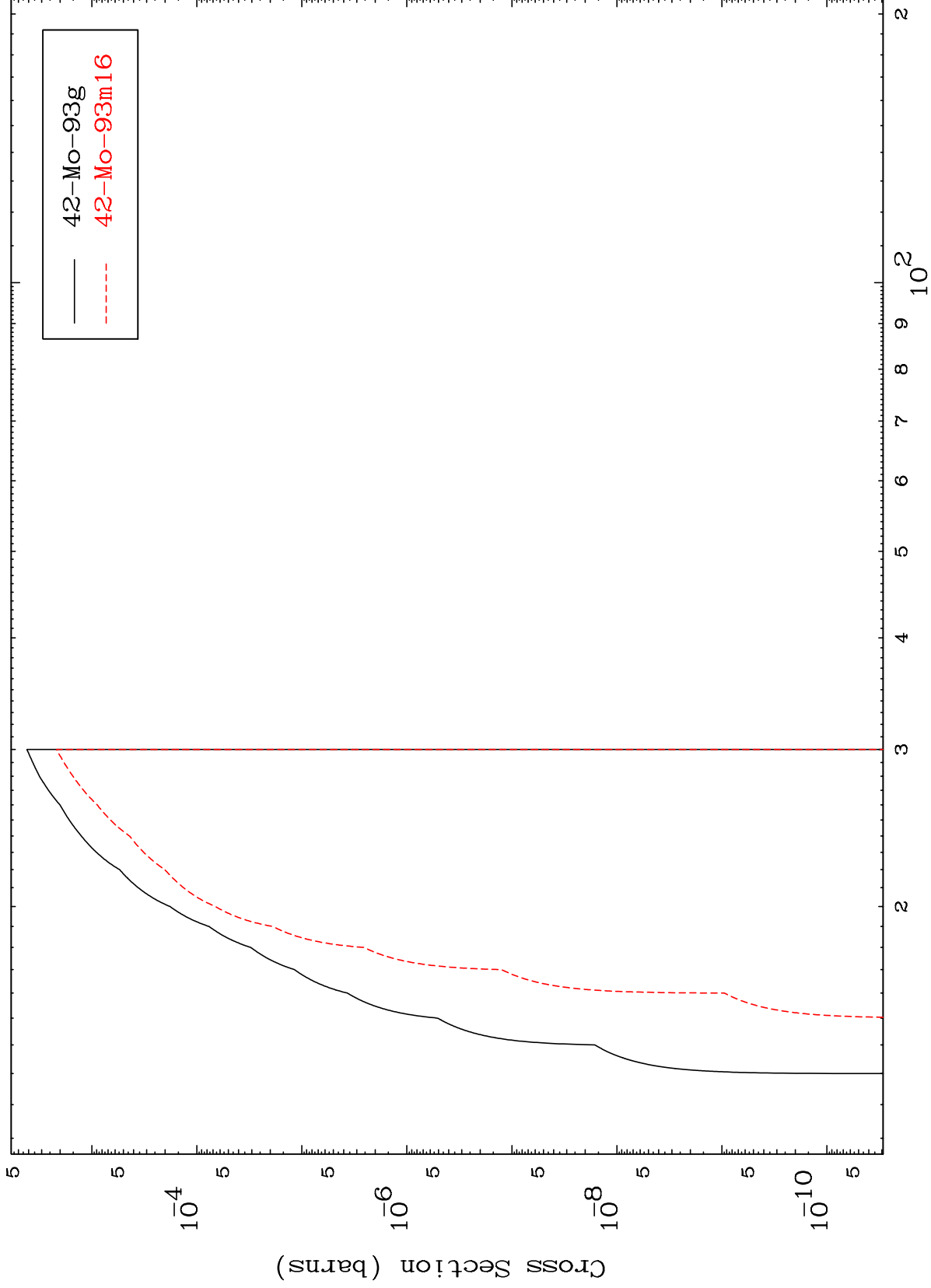
(n,  $\gamma$ )  
Radionuclide Production Cross Section



20

41-Nb-91

Radionuclide Production Cross Section

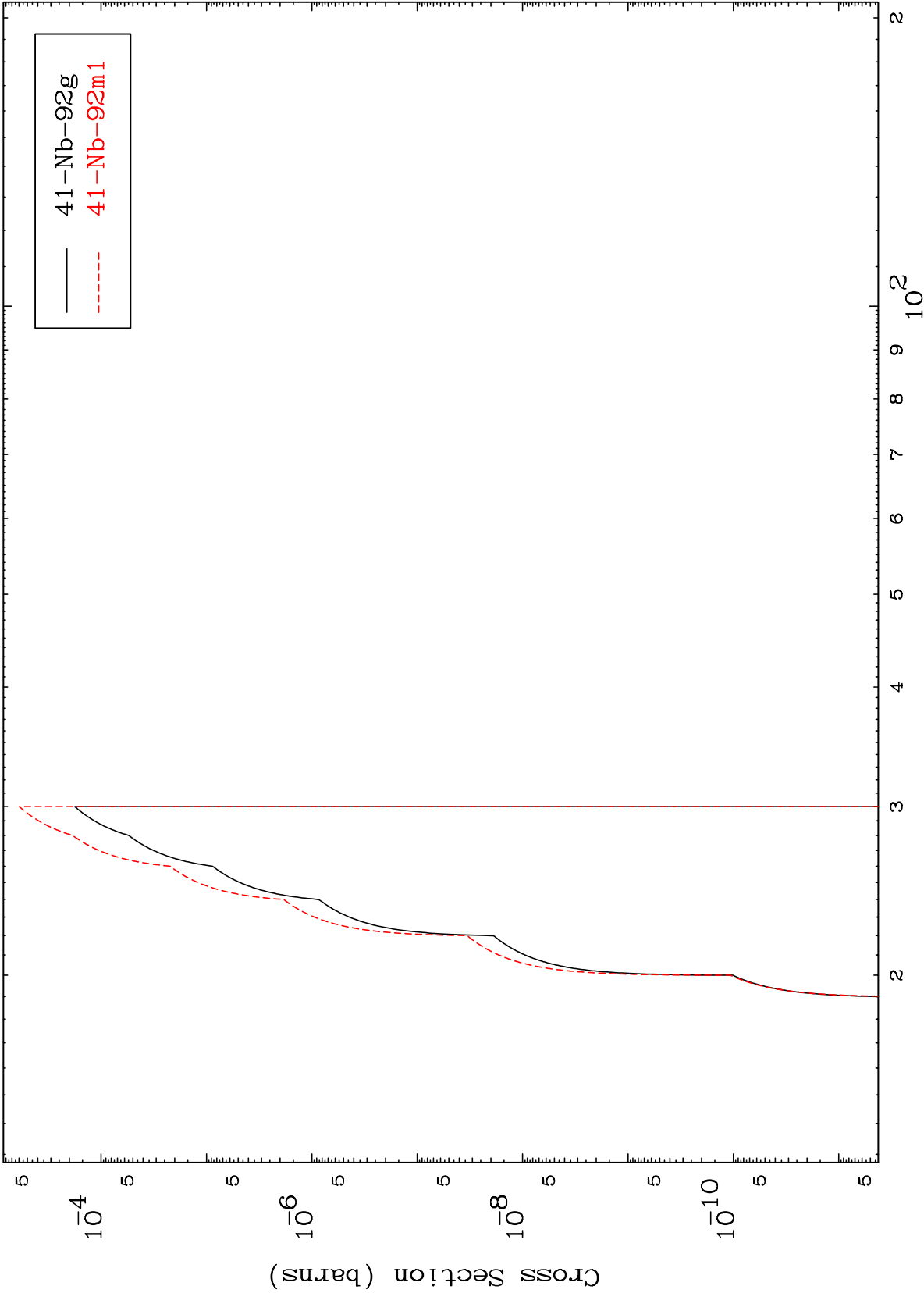


MAT 4119

(n,He-3)

41-Nb-91

Radionuclide Production Cross Section



41-Nb-92g  
41-Nb-92m1

22

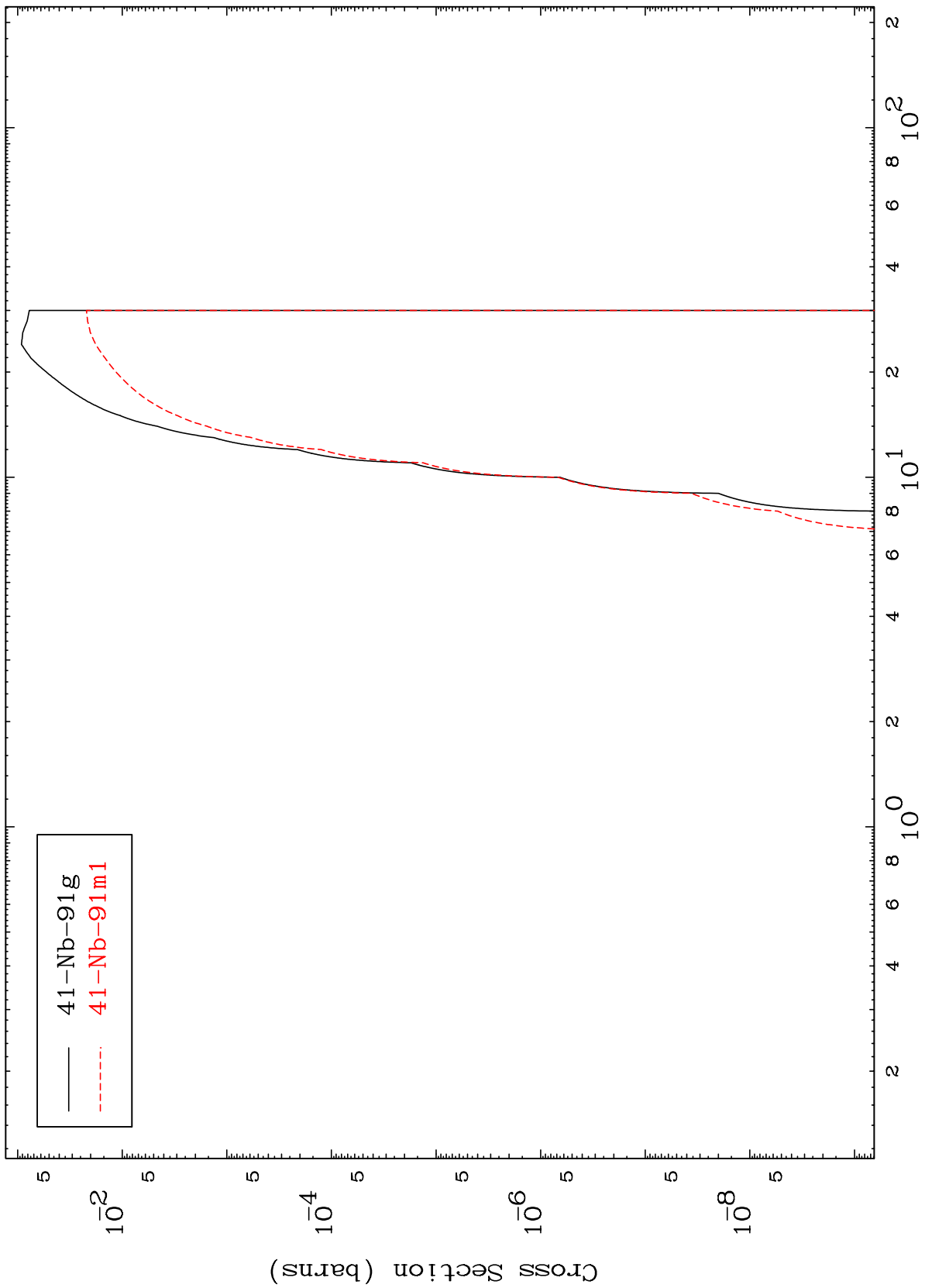
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

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



41-Nb-91

Incident Energy (MeV)

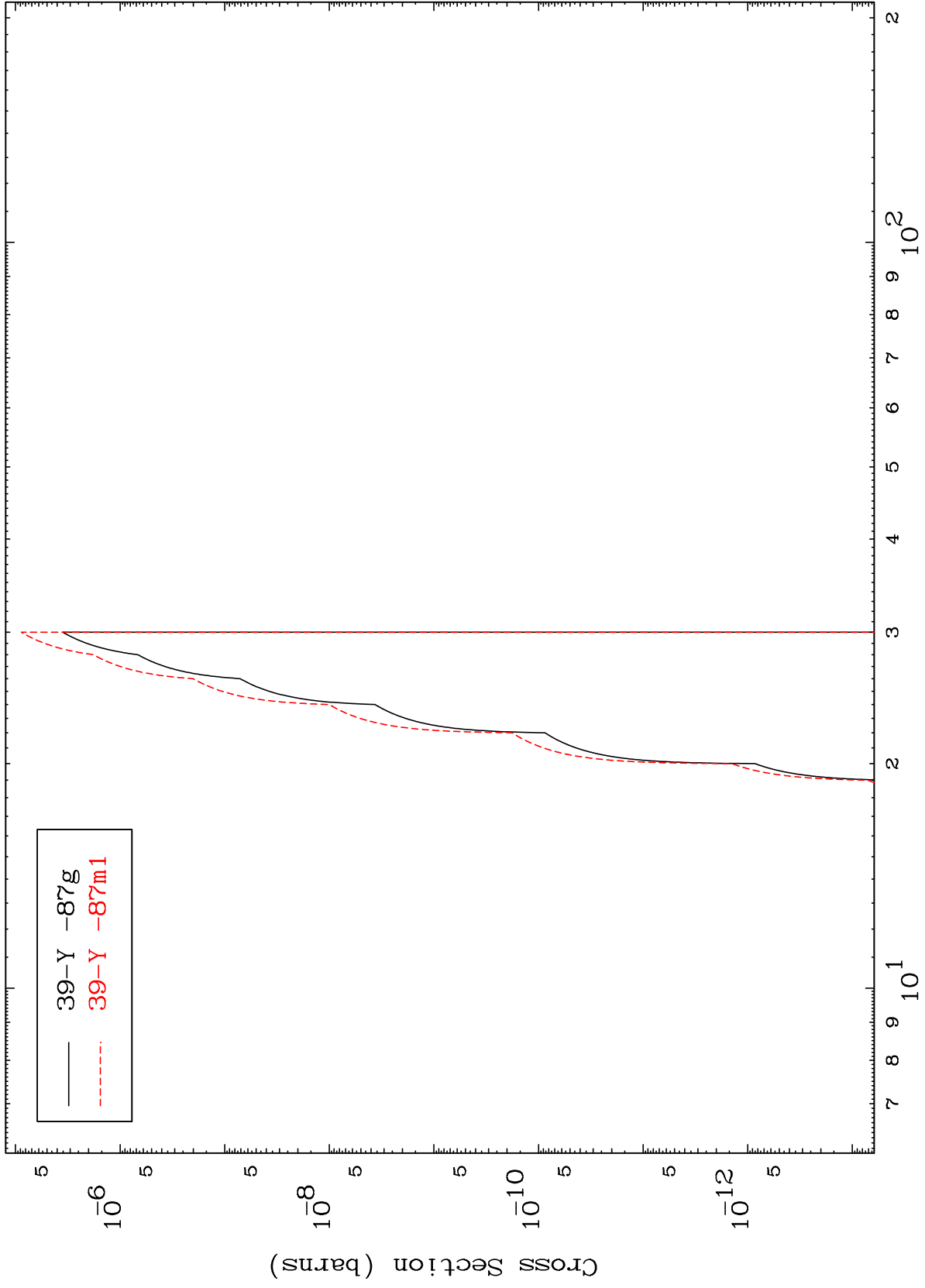
23



MAT 4119

41-Nb-91

(n,2α)  
Radionuclide Production Cross Section



— 39-Y -87g  
- - - 39-Y -87m1

24

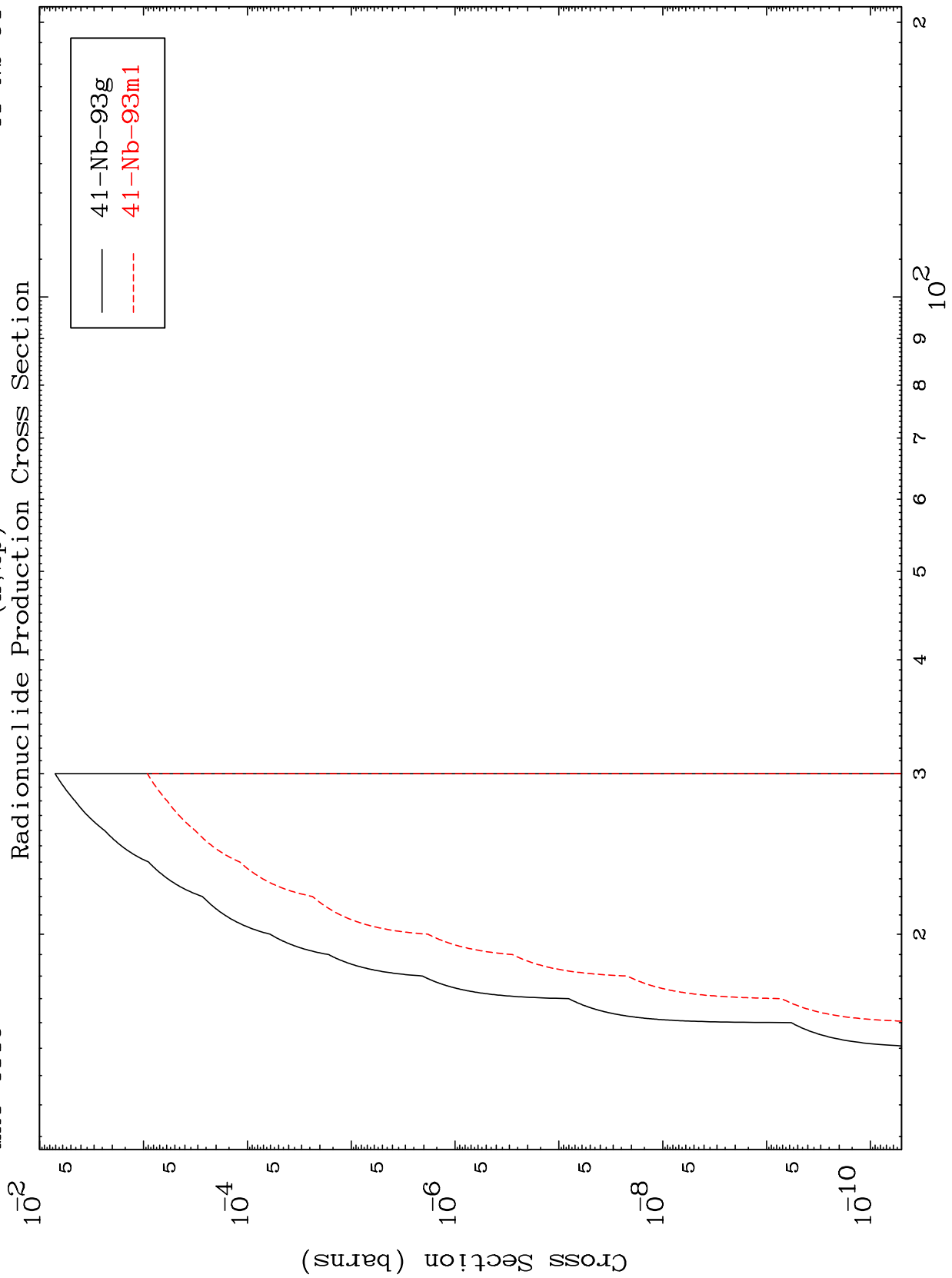
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,2p)  
Radionuclide Production Cross Section



41-Nb-93g  
41-Nb-93m1

Incident Energy (MeV)

41-Nb-91

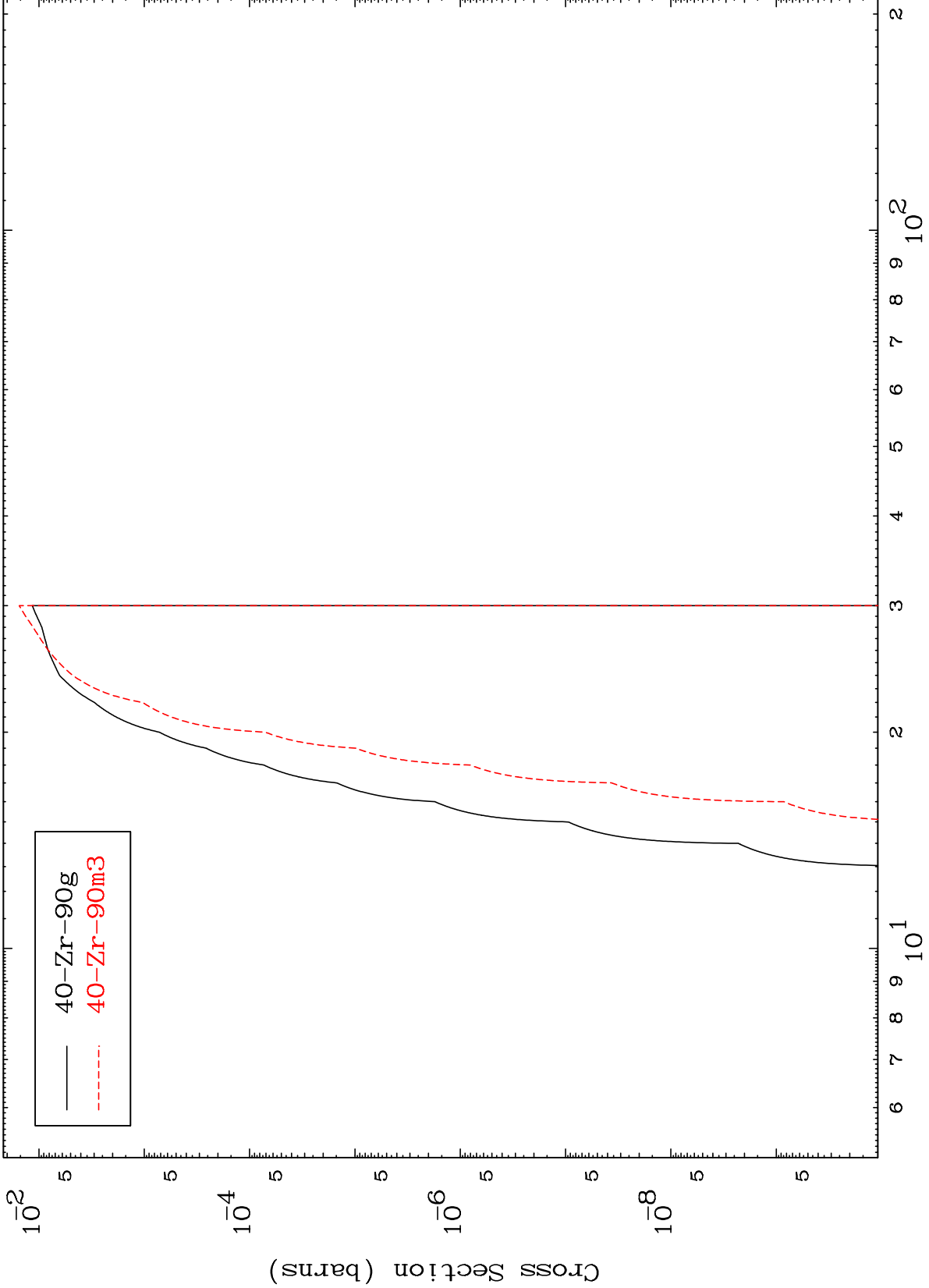
25

MAT 4119

(n,p)  $\alpha$

41-Nb-91

Radionuclide Production Cross Section

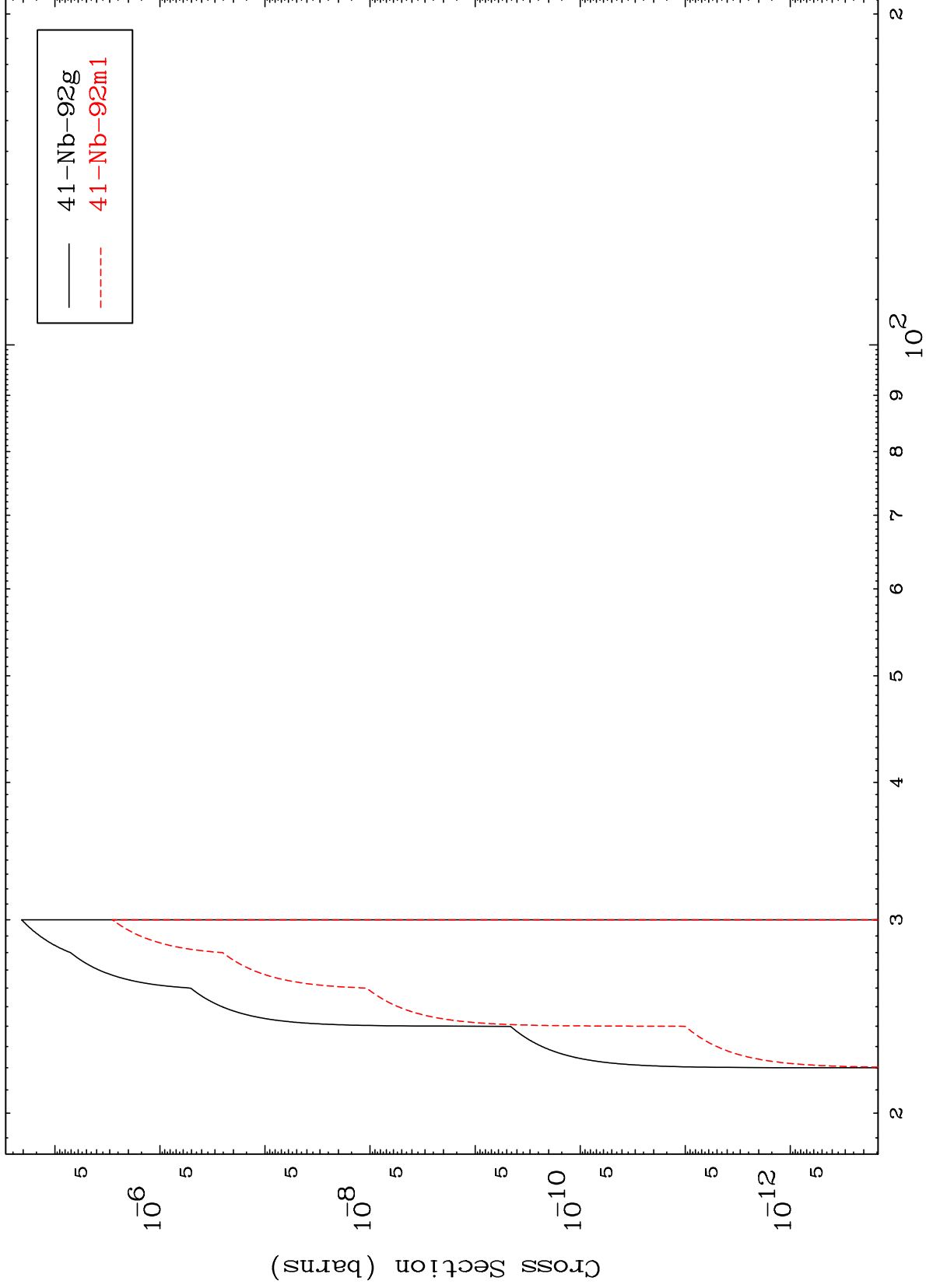


26

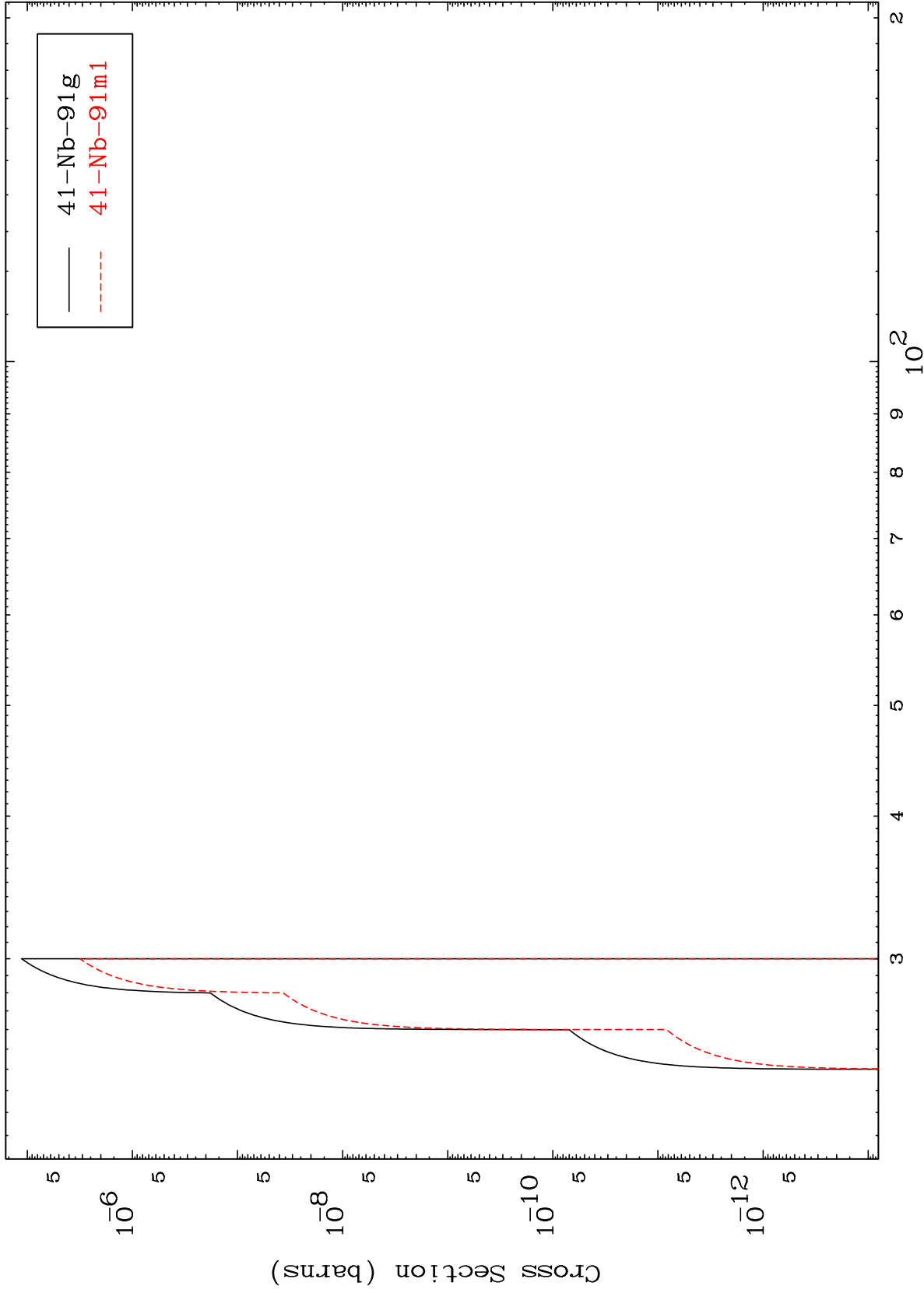
Incident Energy (MeV)

41-Nb-91

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

