

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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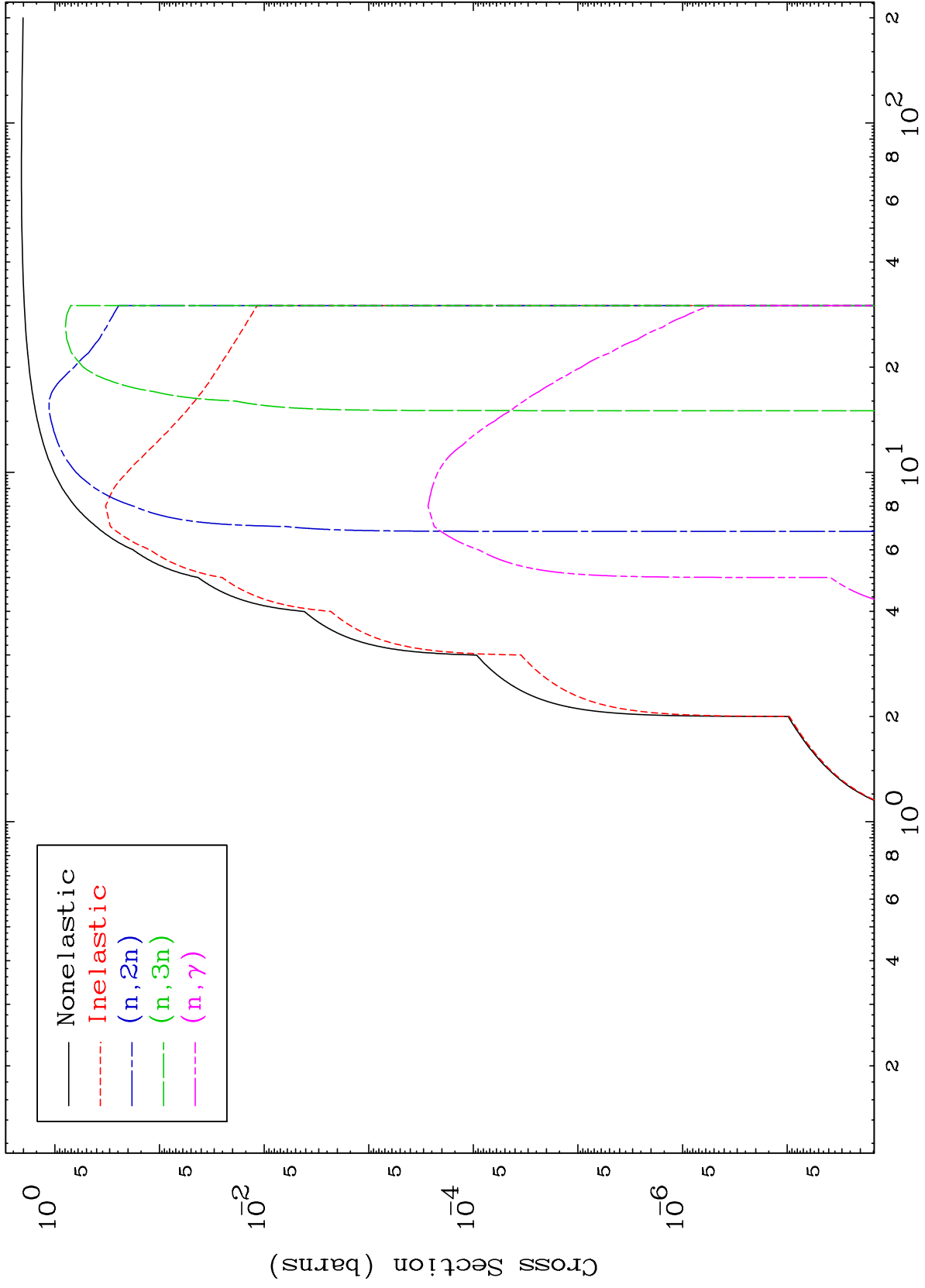
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

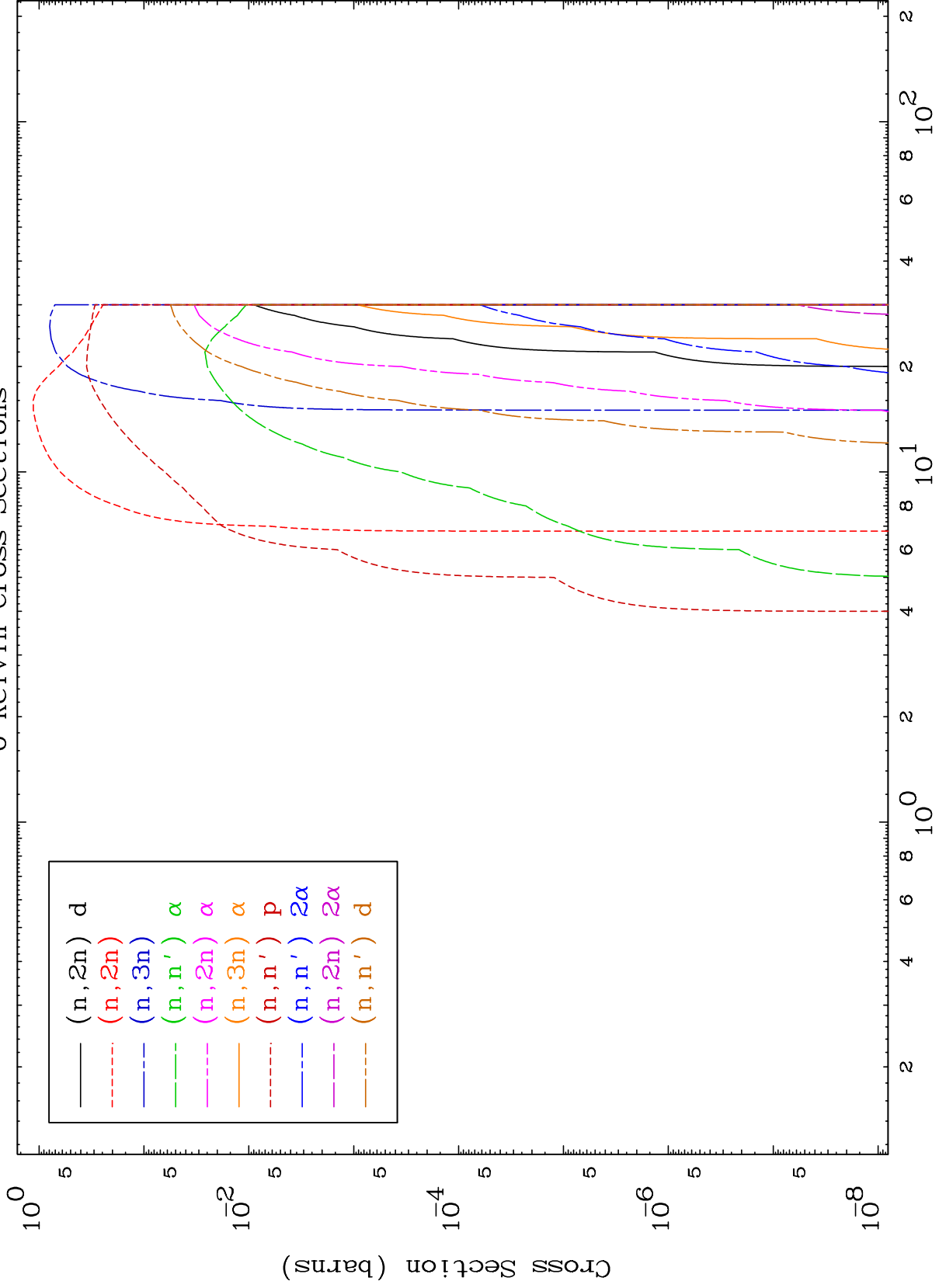
0 Kelvin Cross Sections

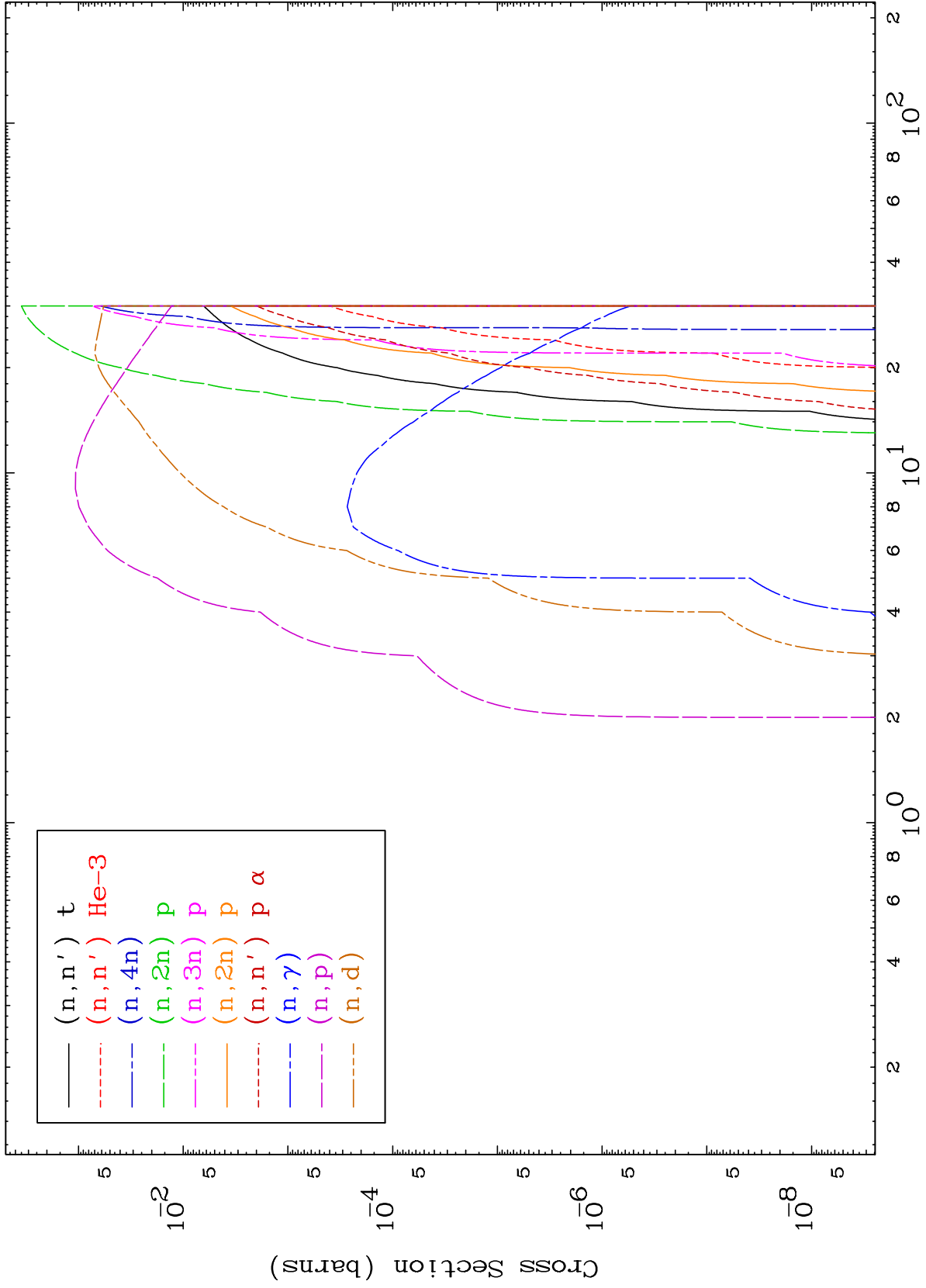


MAT 4437

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

44-Ru-100

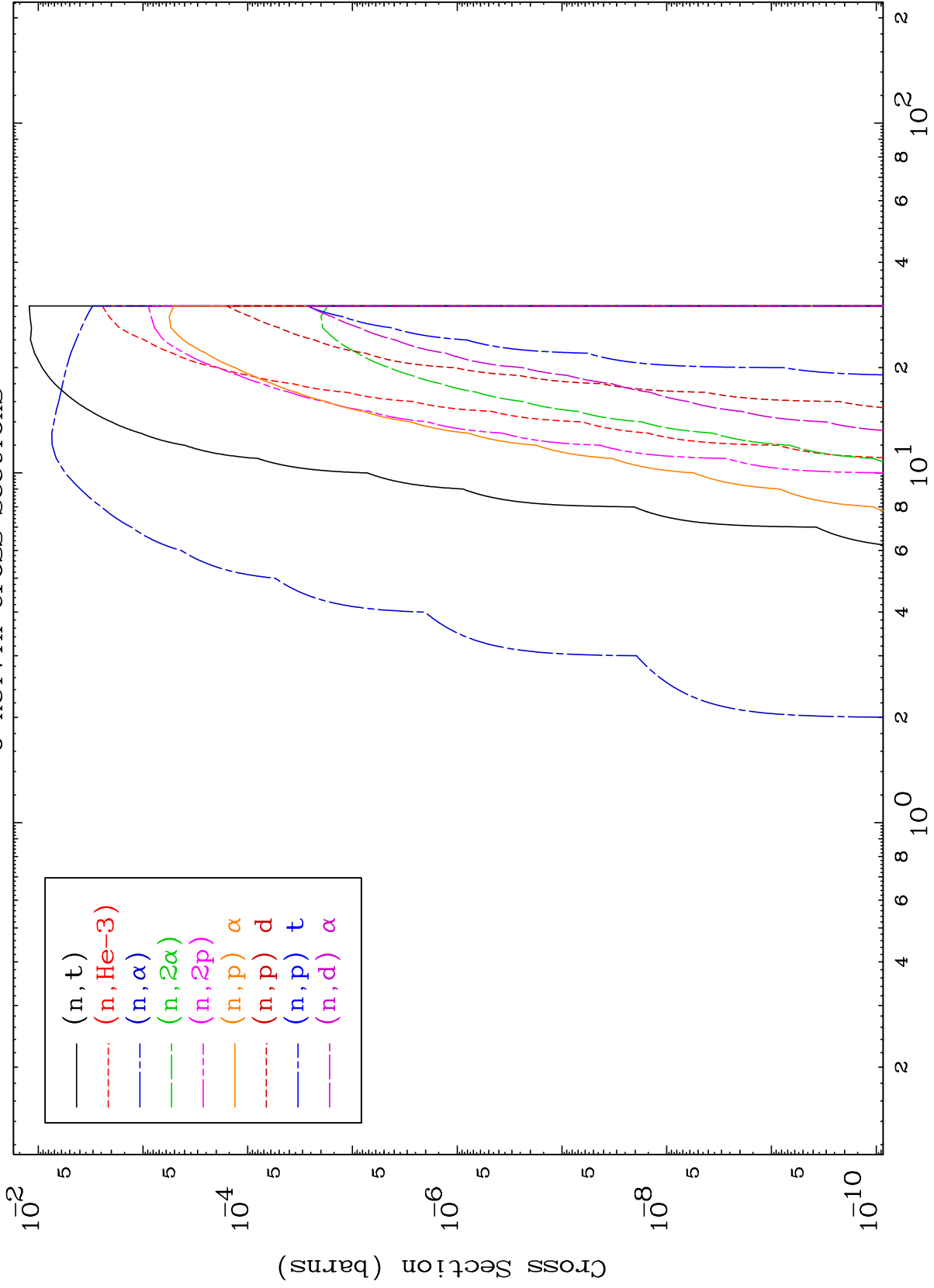


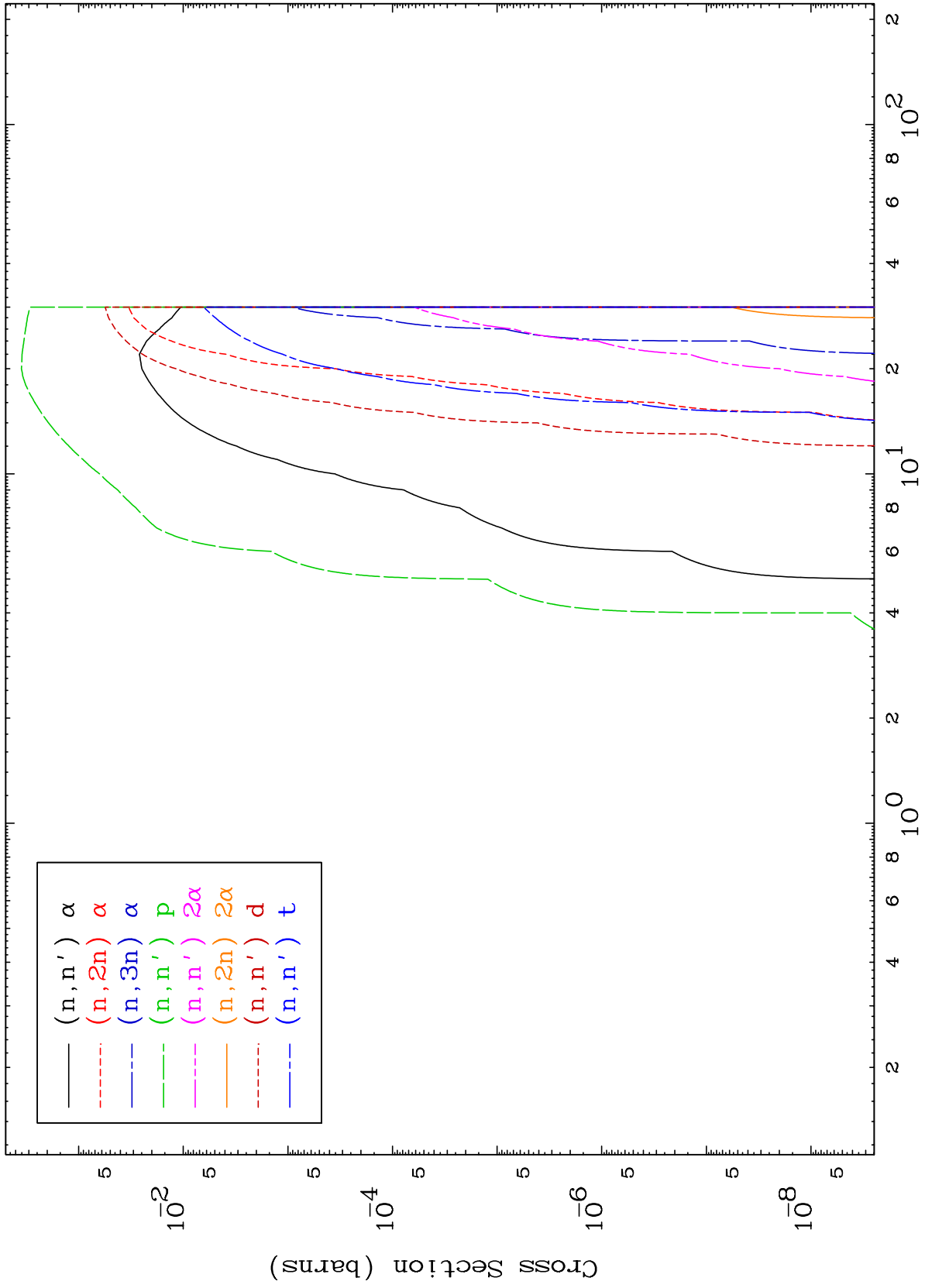


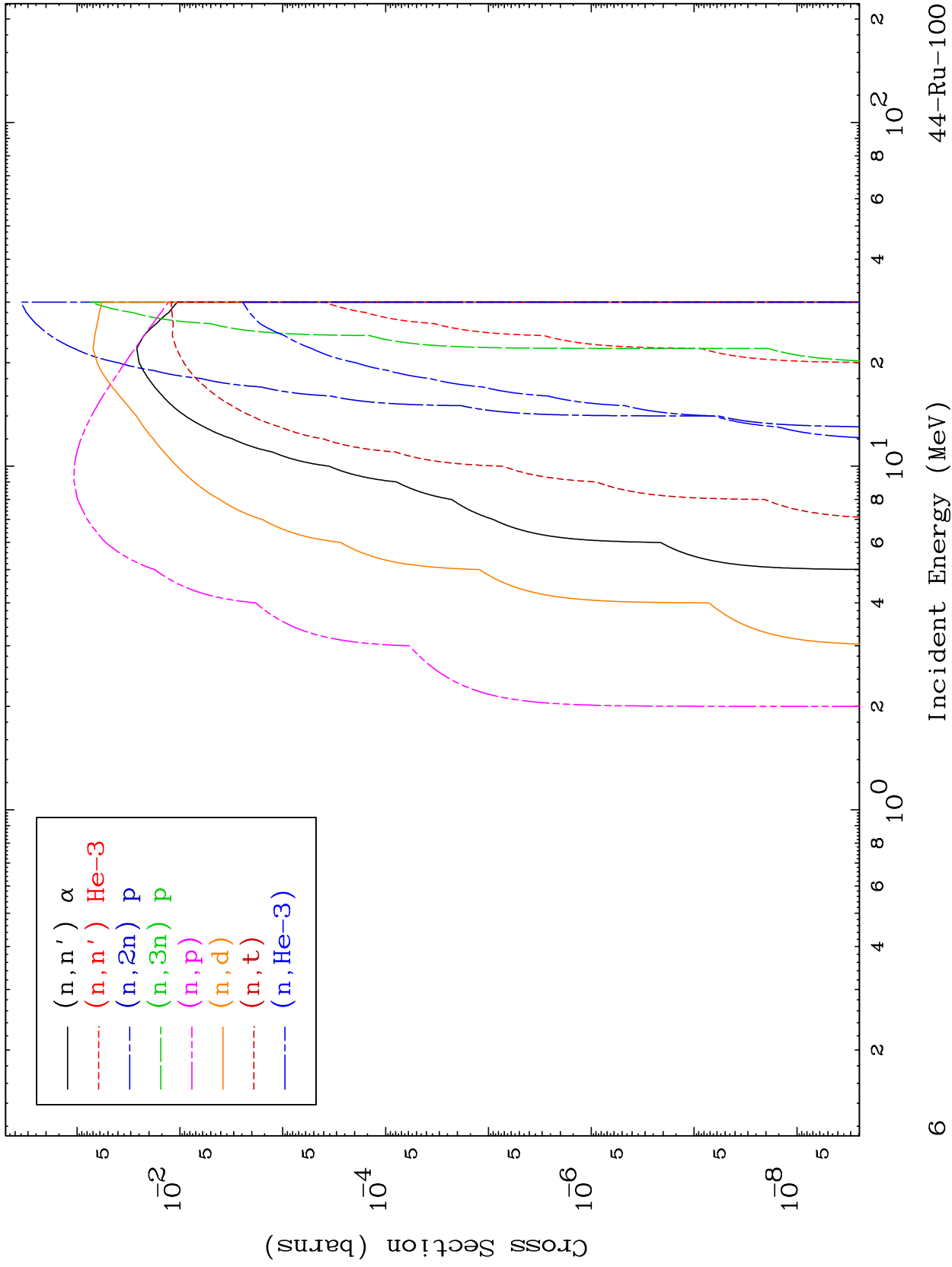
MAT 4437

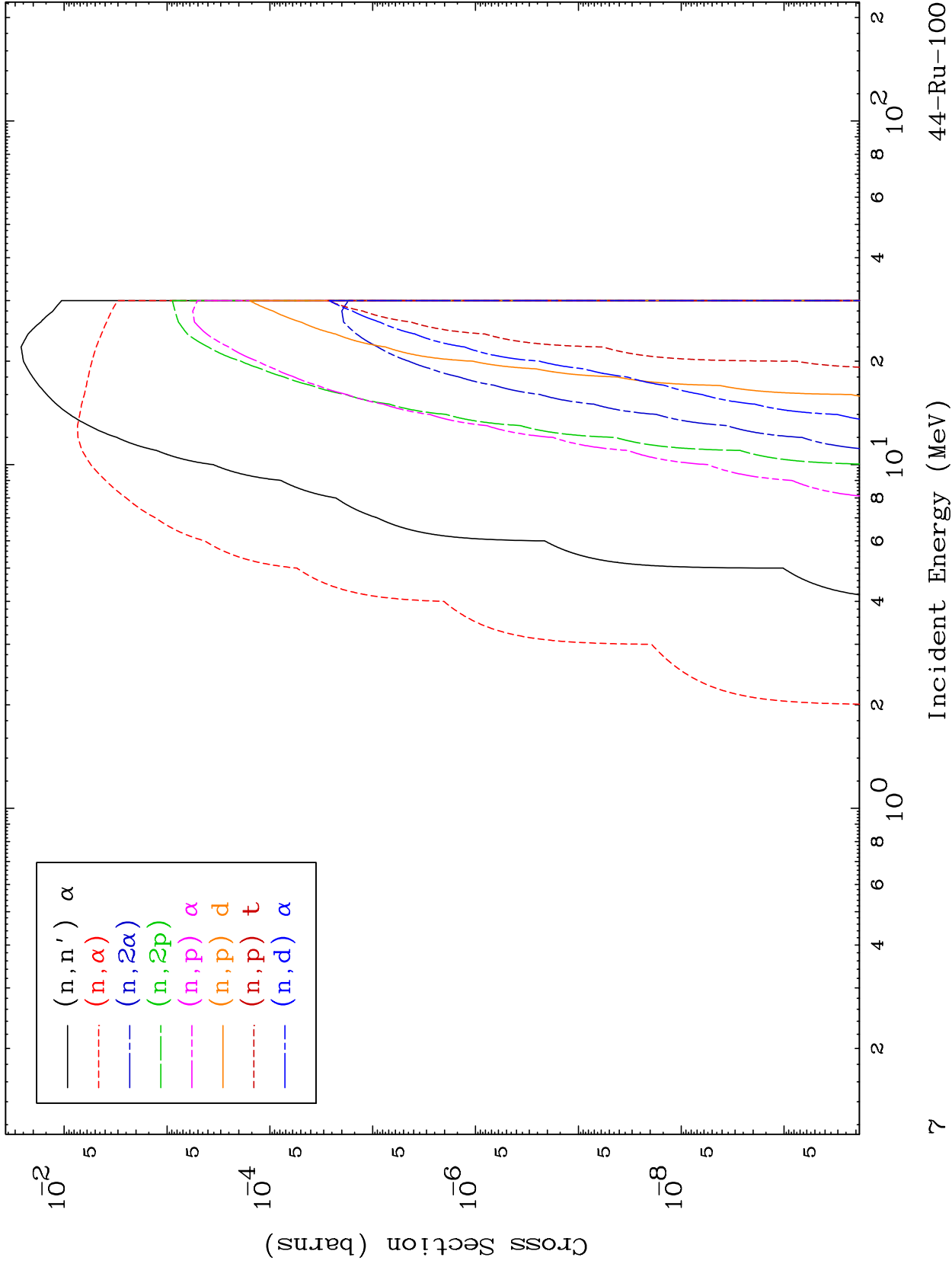
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

44-Ru-100







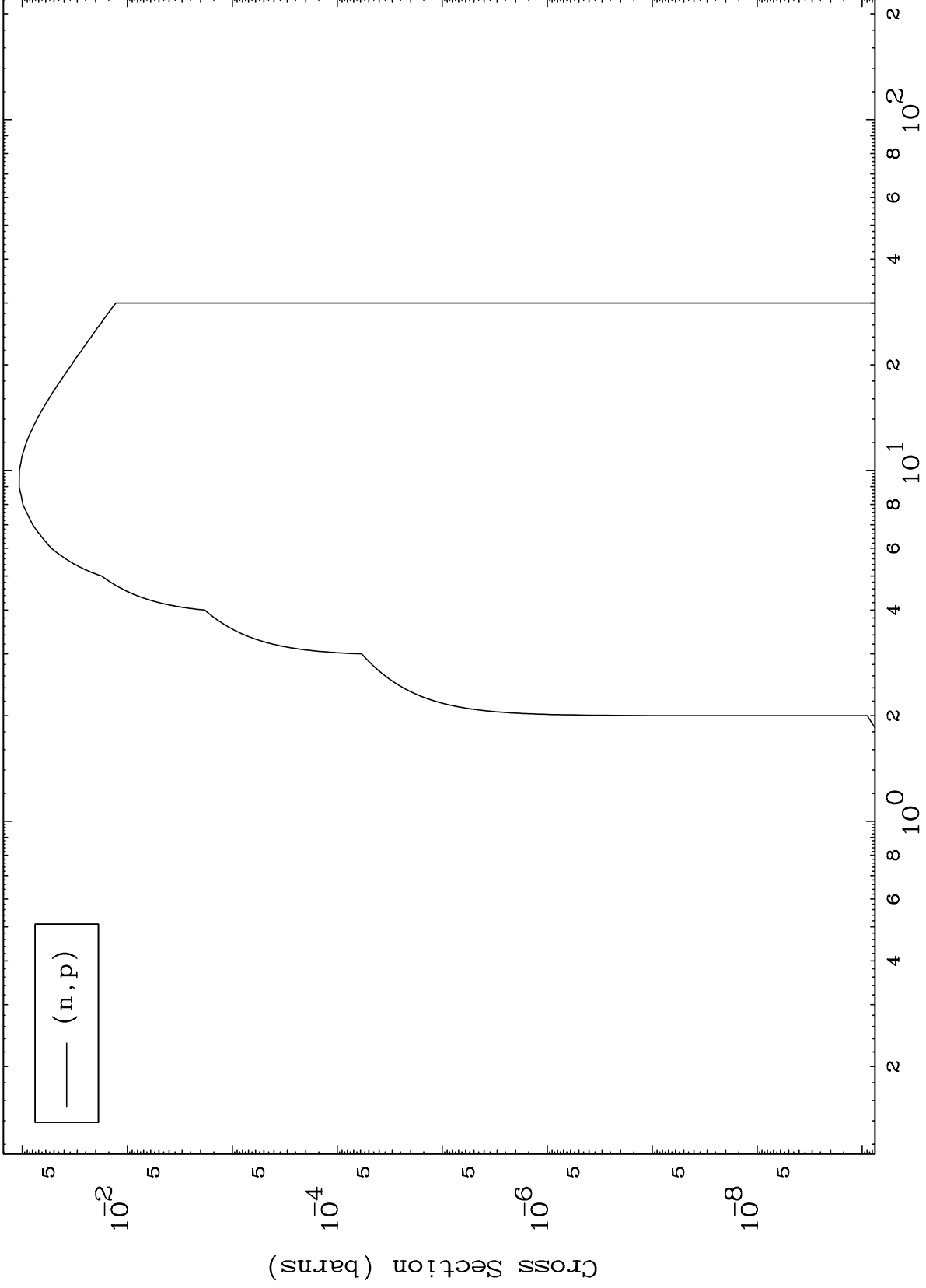


MAT 4437

(d,p) Levels

44-Ru-100

0 Kelvin Cross Sections

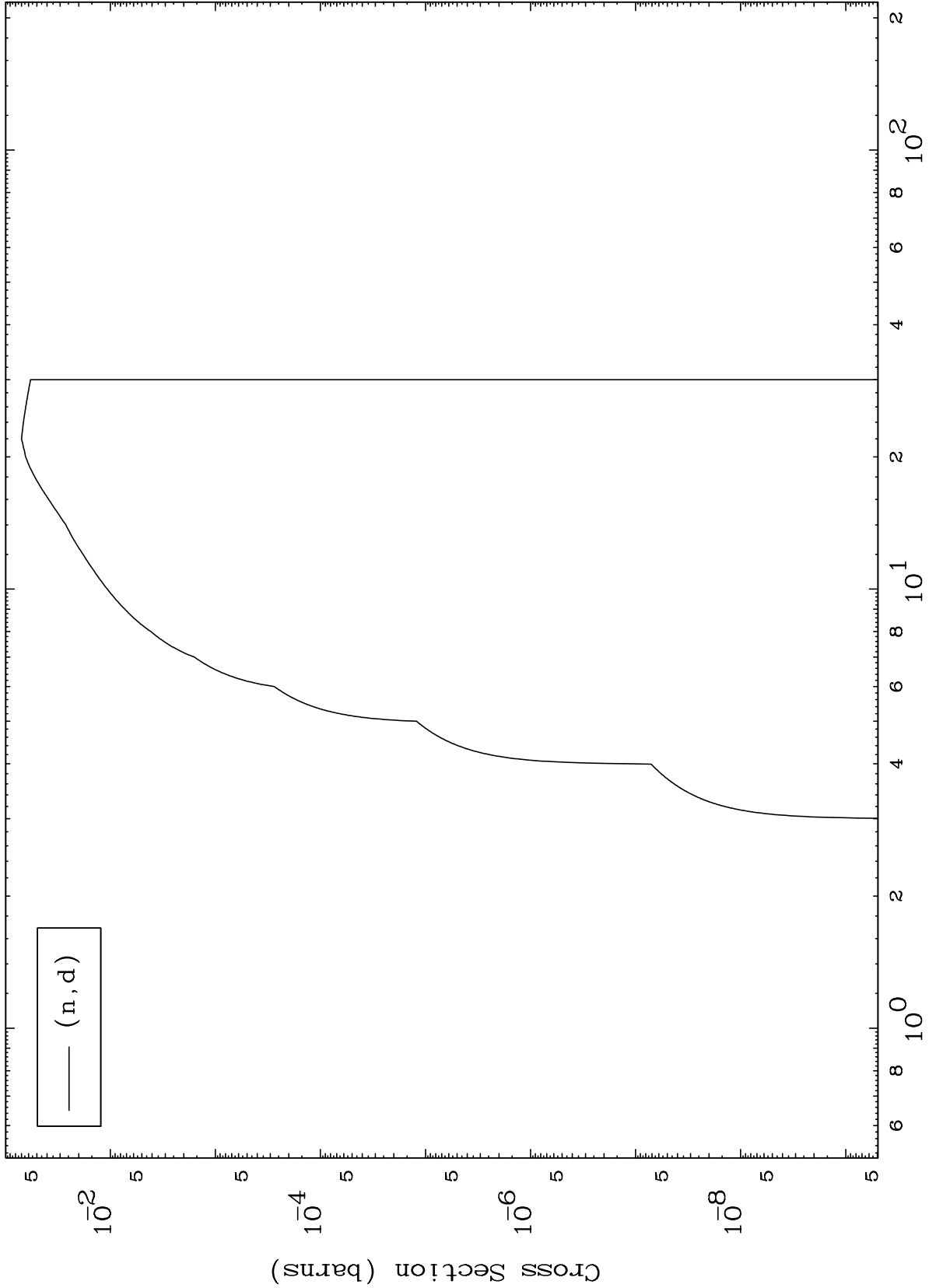


MAT 4437

(d,d) Levels

44-Ru-100

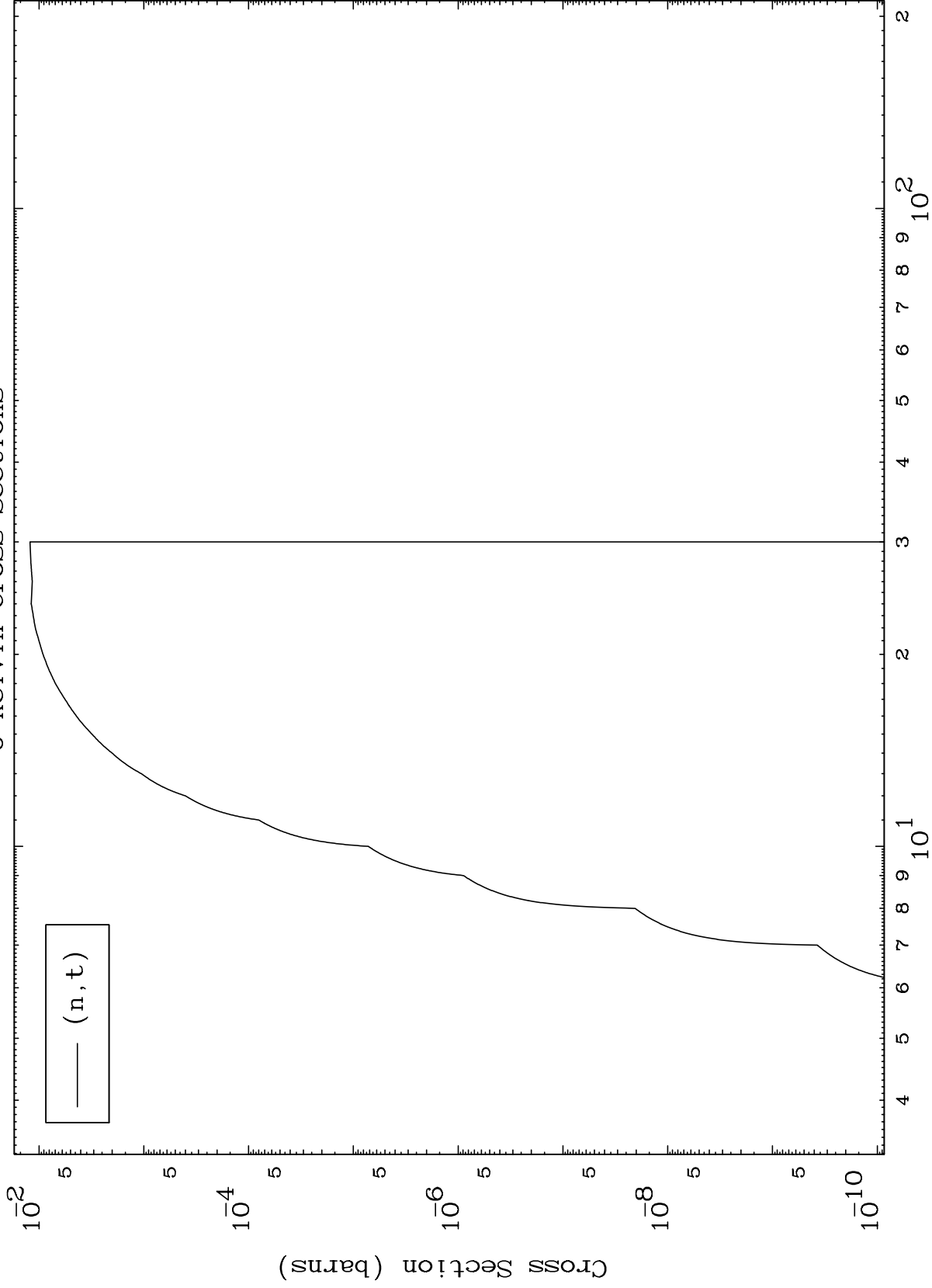
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

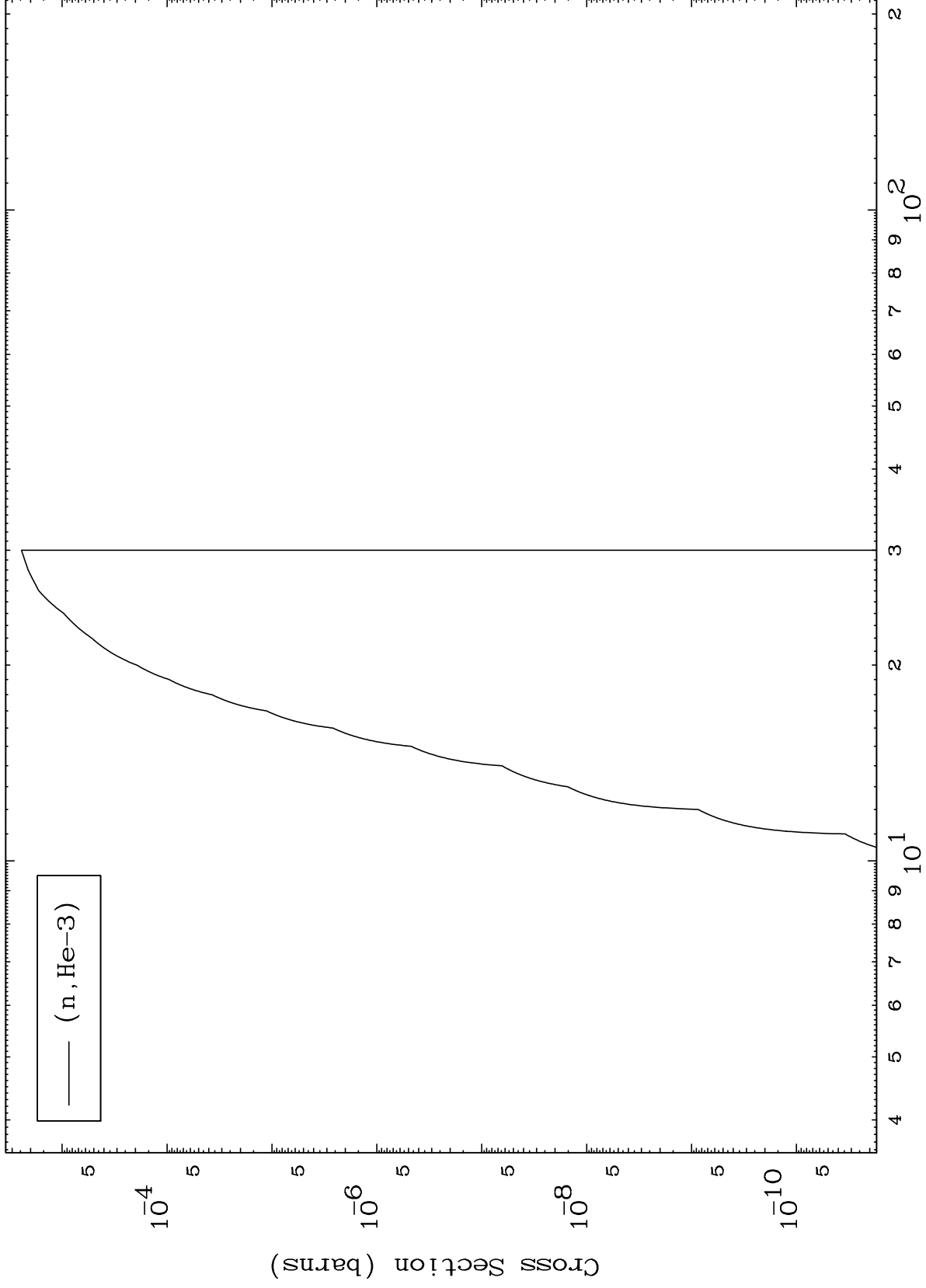
44-Ru-100



10

Incident Energy (MeV)

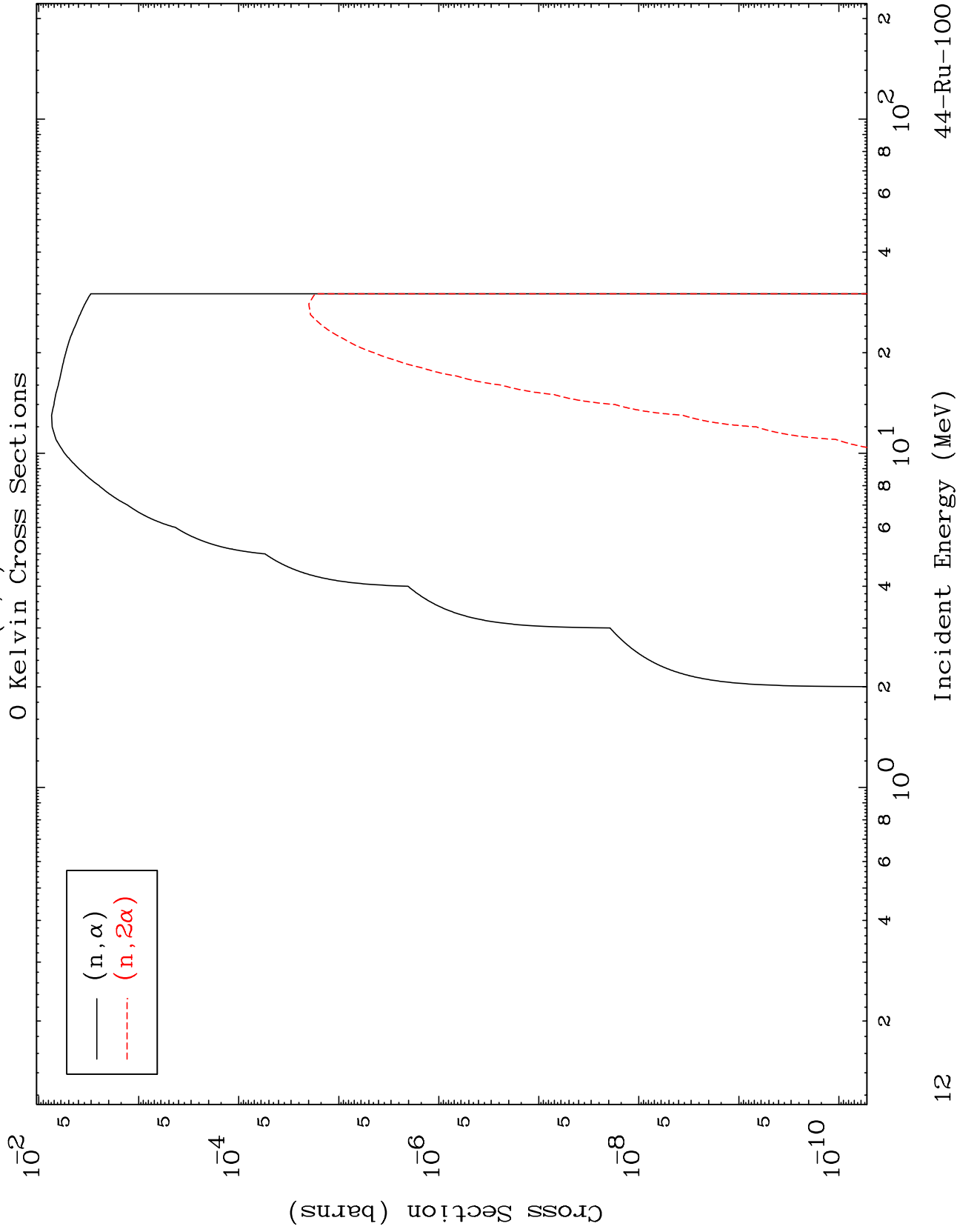
44-Ru-100



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(d,  $\alpha$ ) Levels

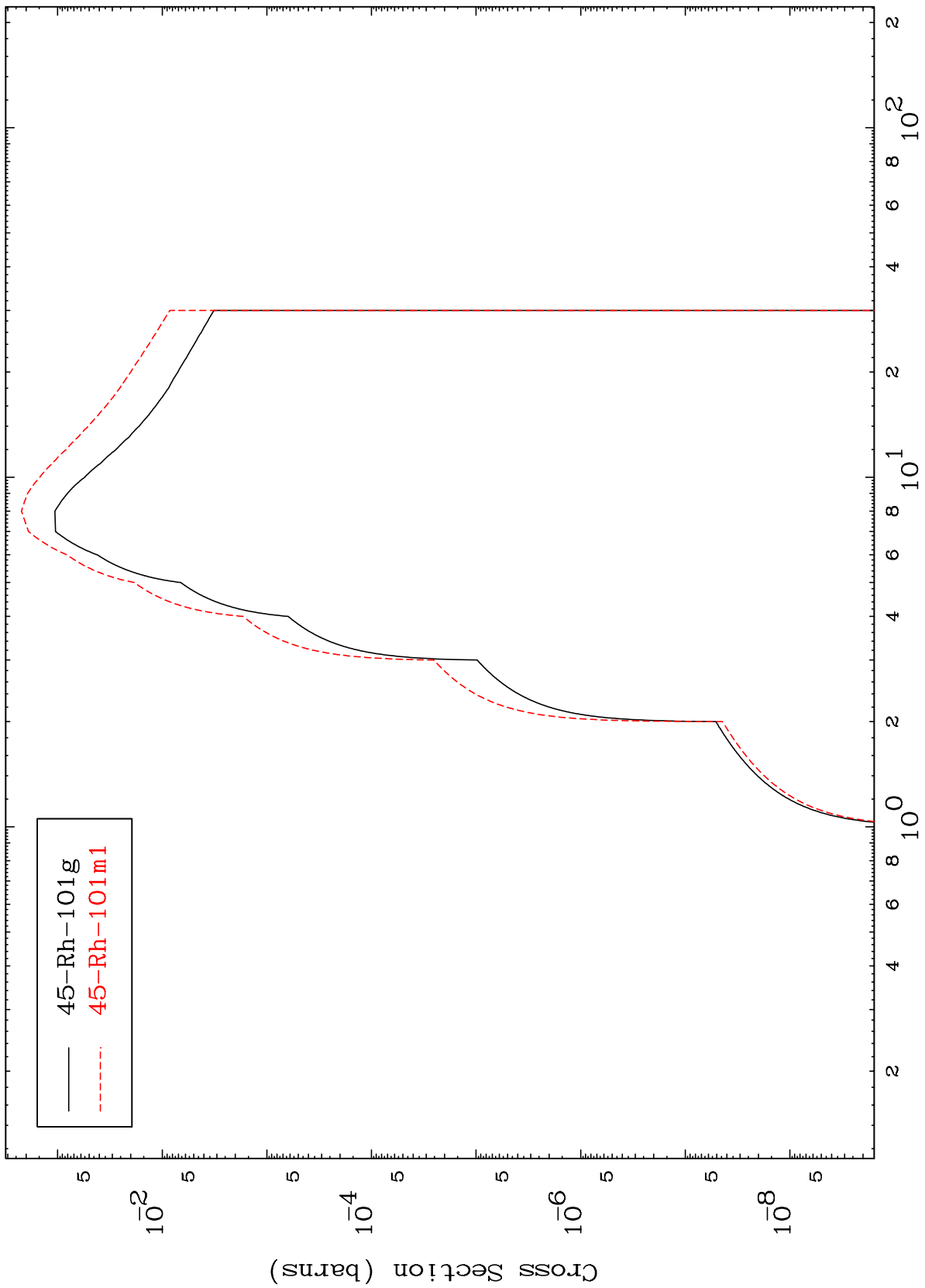
44-Ru-100



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44-Ru-100

Inelastic  
Radionuclide Production Cross Section



44-Ru-100

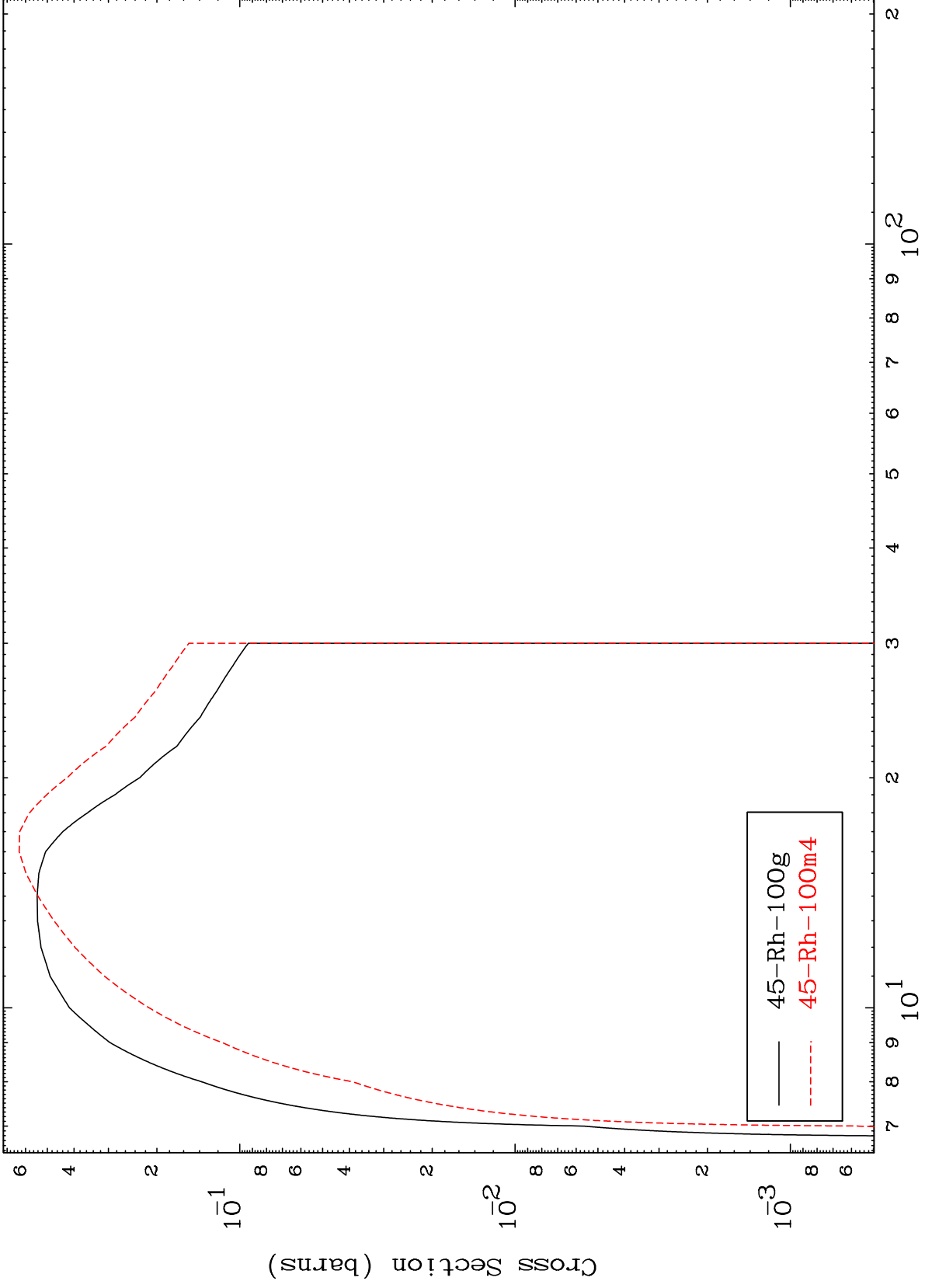
Incident Energy (MeV)

13

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44-Ru-100

(n,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

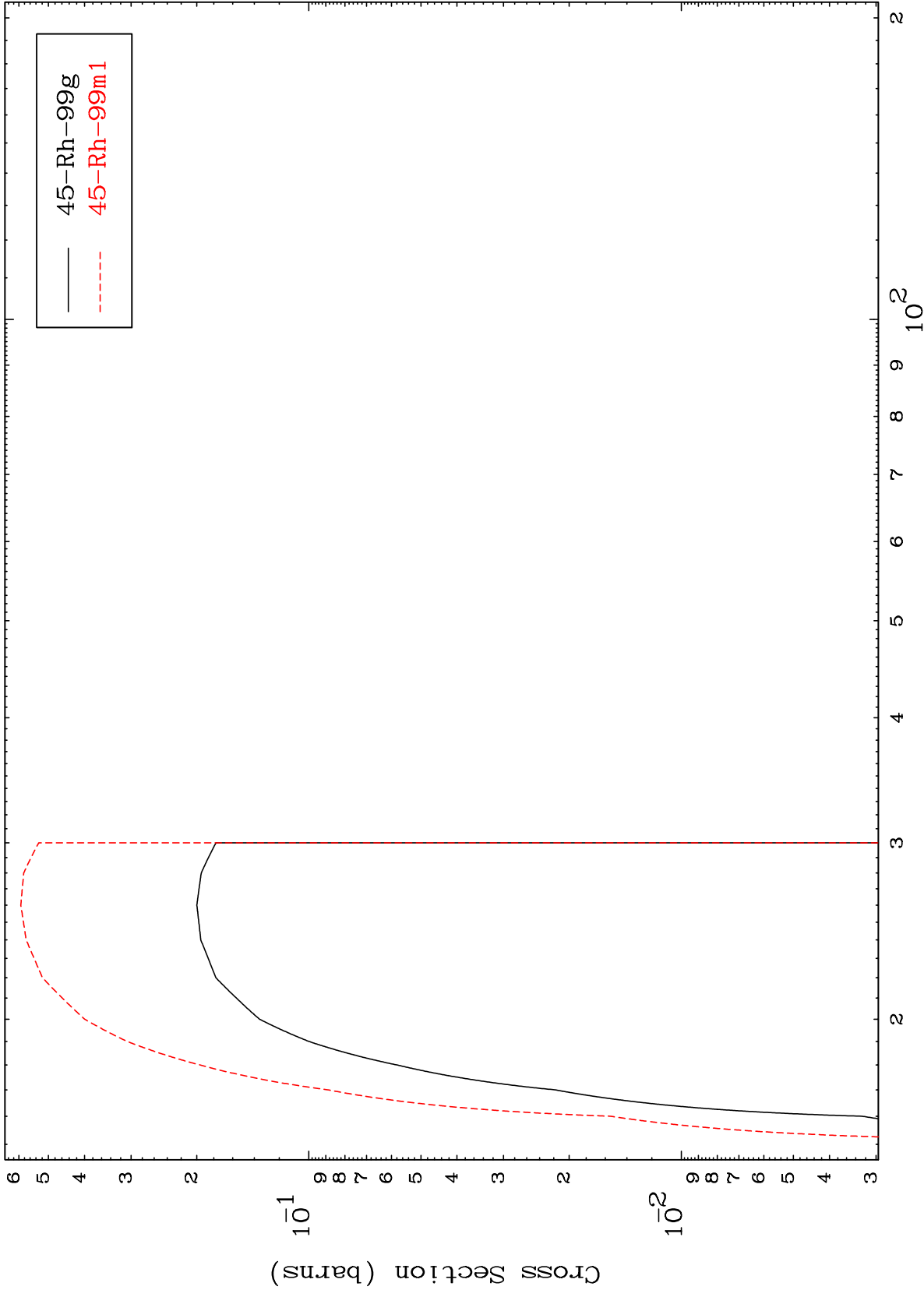
44-Ru-100

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(n,3n)

44-Ru-100

Radionuclide Production Cross Section



45-Rh-99g  
45-Rh-99m1

15

Incident Energy (MeV)

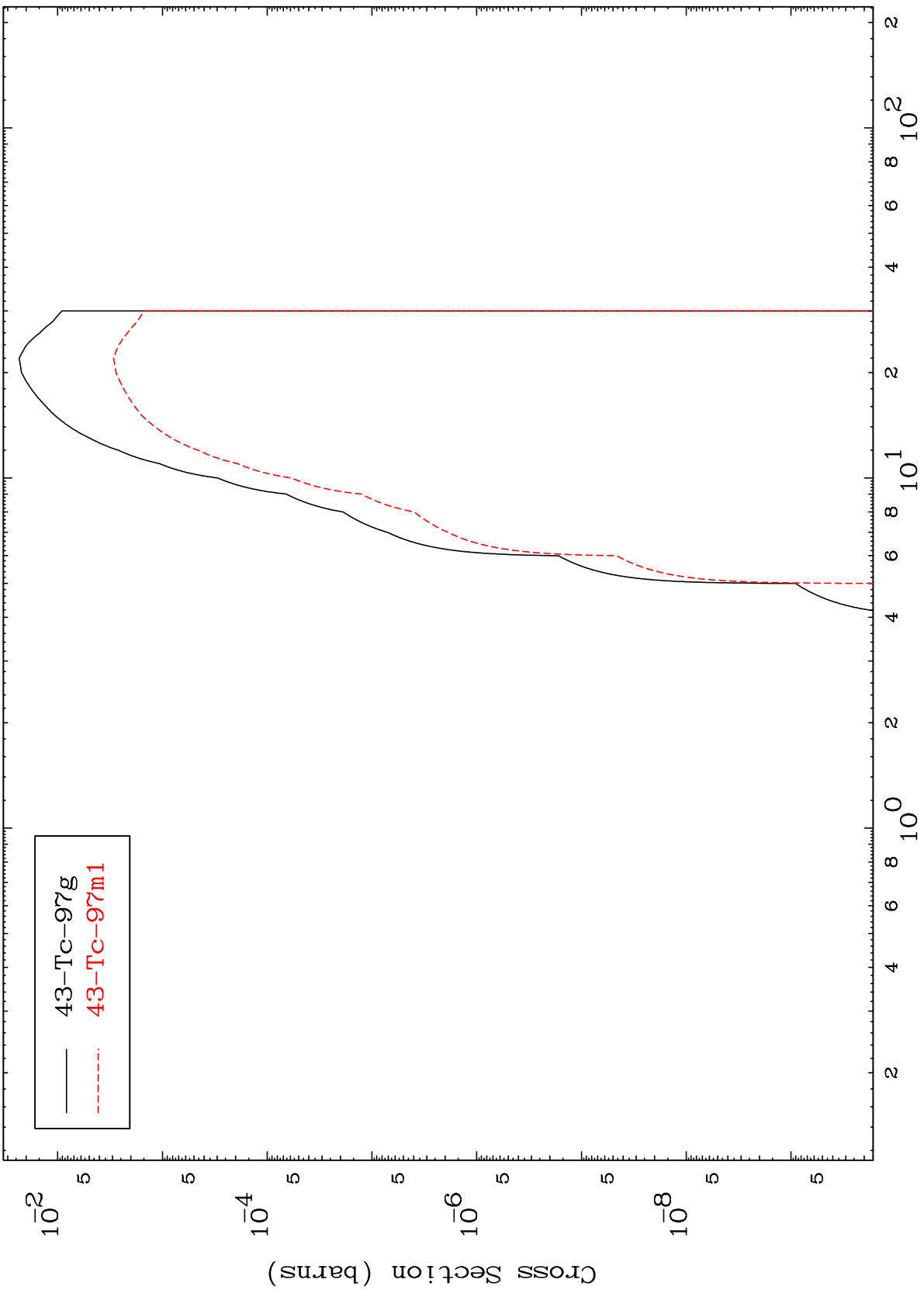
44-Ru-100

MAT 4437

(n,n')  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



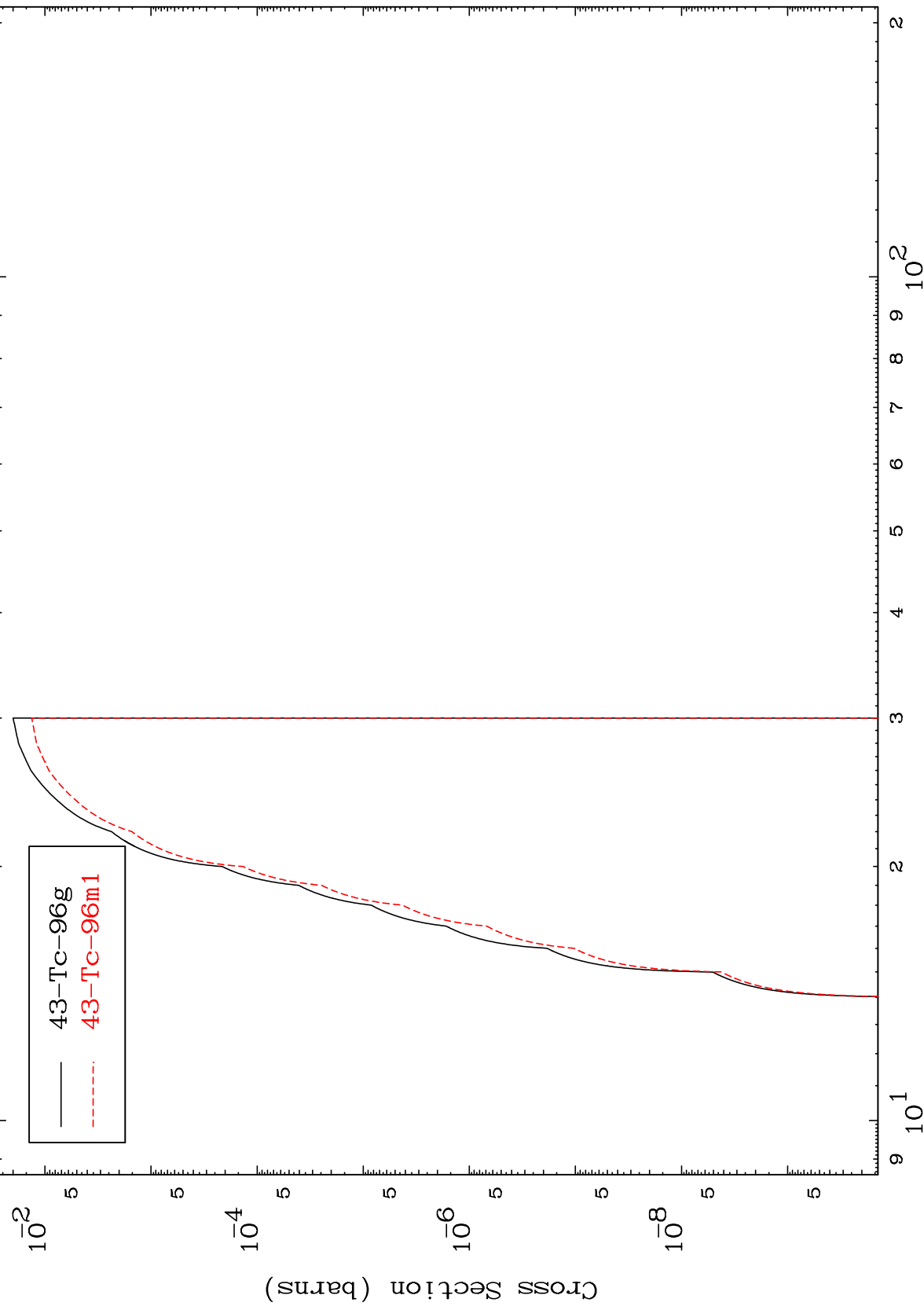
— 43-Tc-97g  
- - - 43-Tc-97m1

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(n,2n)  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



17

Incident Energy (MeV)

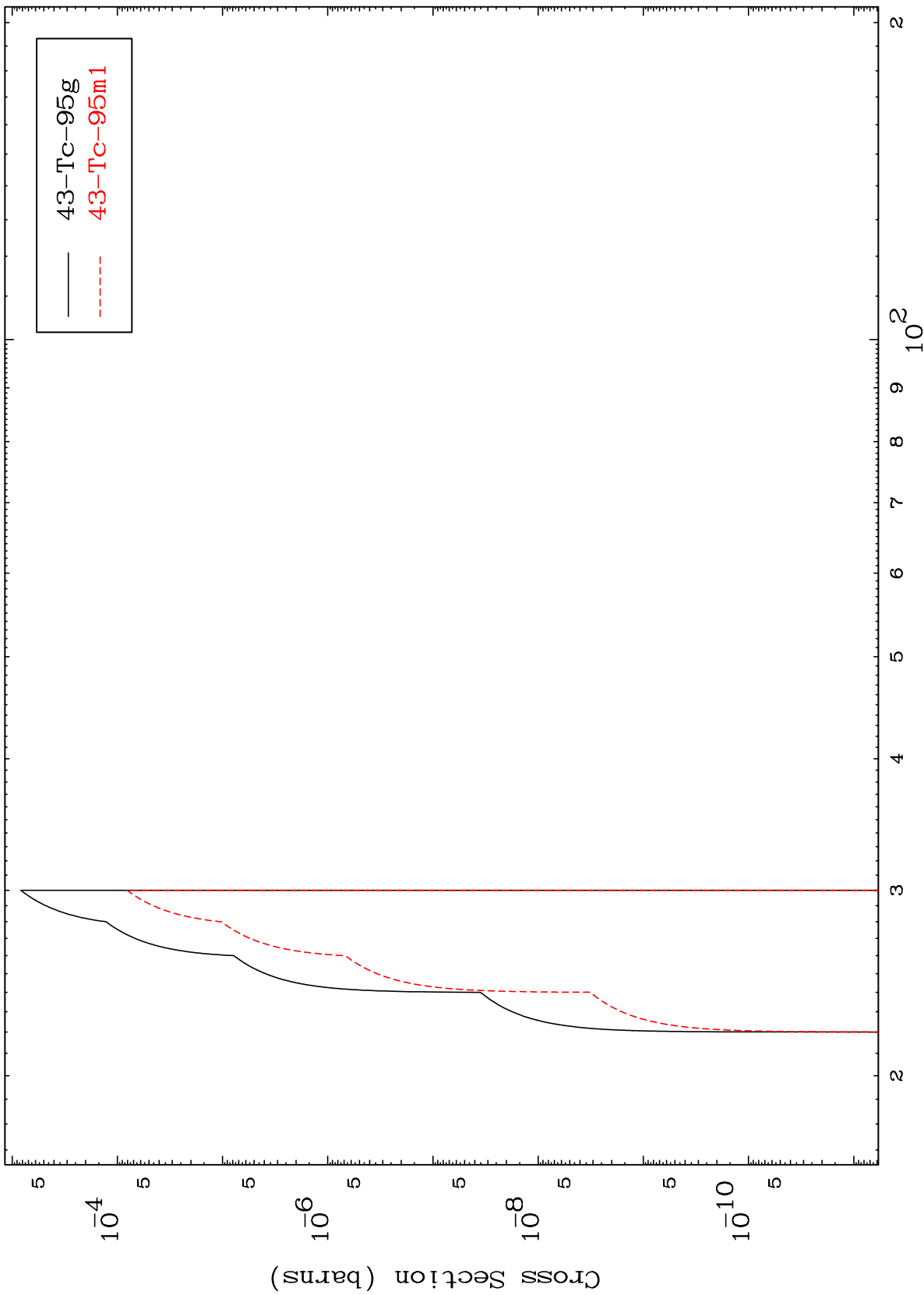
44-Ru-100

MAT 4437

(n,3n)  $\alpha$

44-Ru-100

Radionuclide Production Cross Section



18

Incident Energy (MeV)

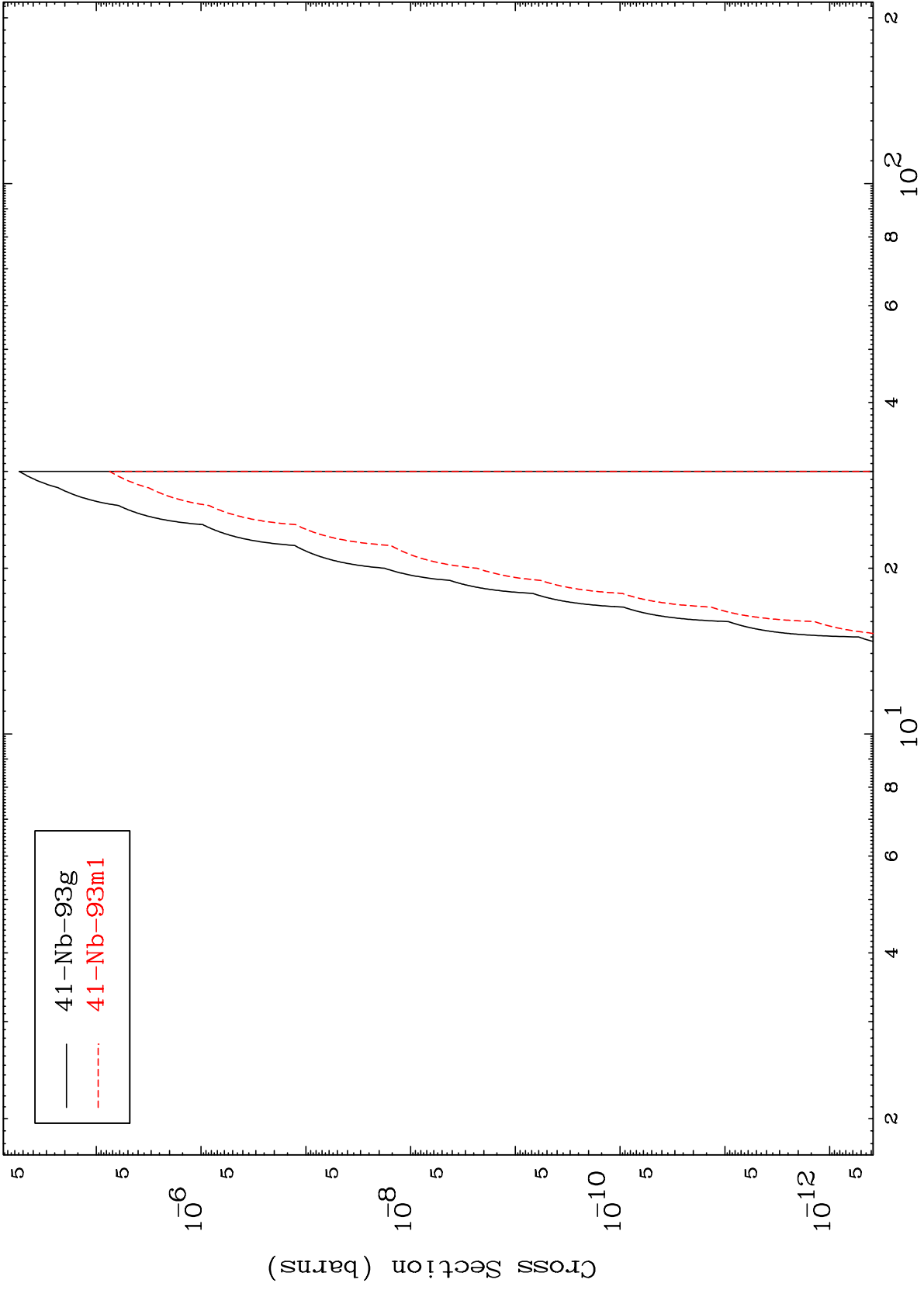
44-Ru-100

MAT 4437

(n,n') 2α

44-Ru-100

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

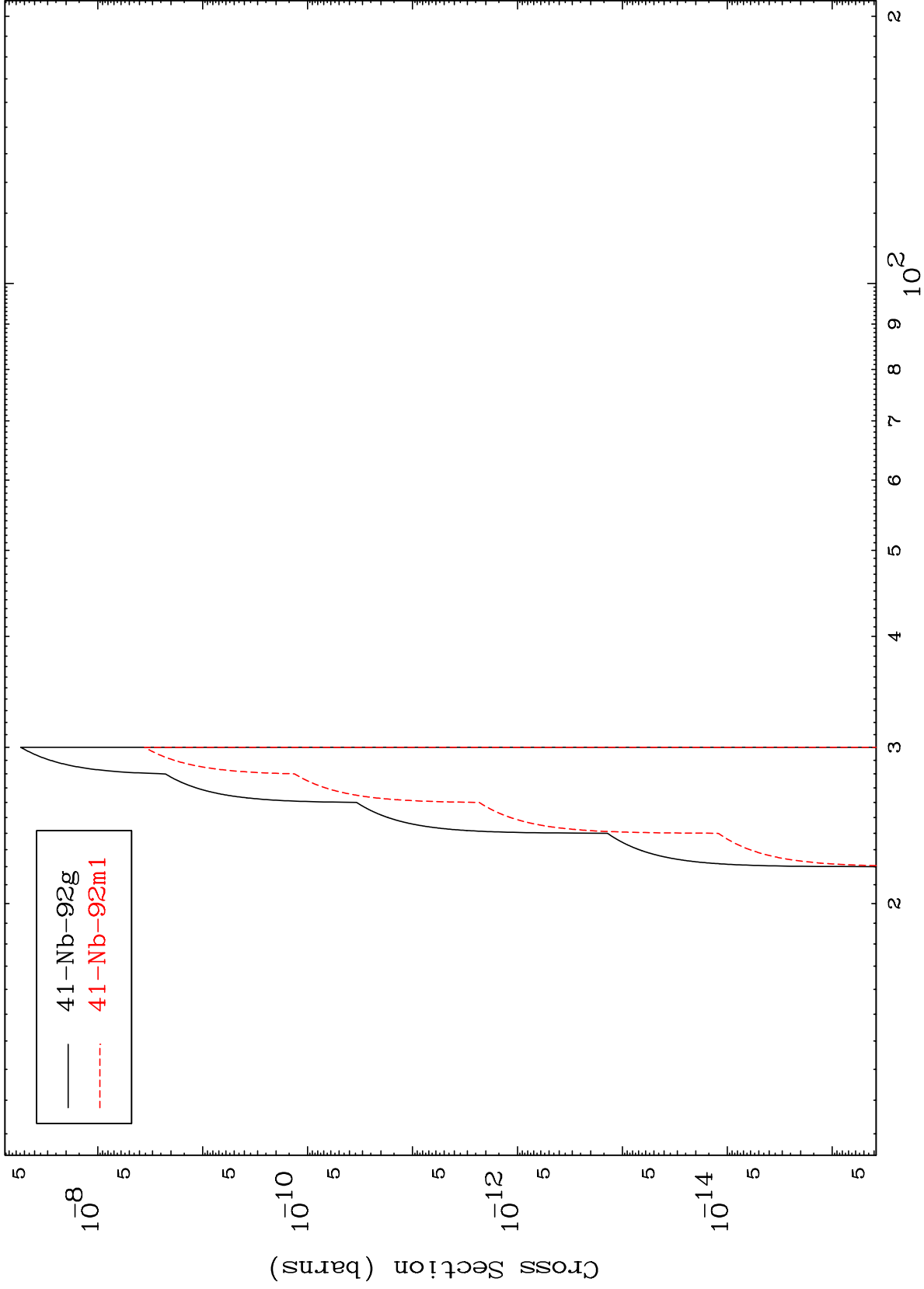
44-Ru-100

MAT 4437

(n,2n) 2α

44-Ru-100

Radionuclide Production Cross Section



20

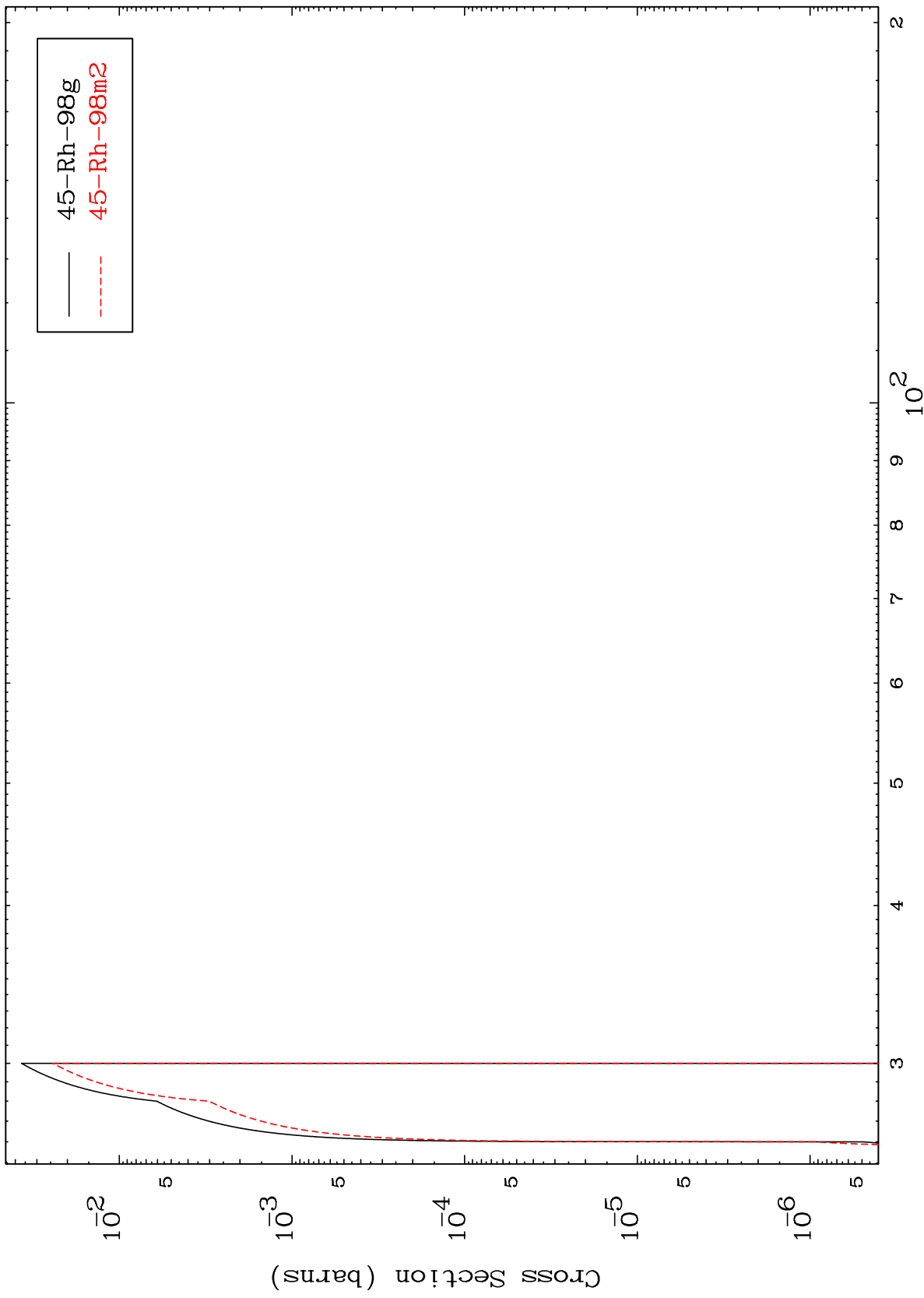
Incident Energy (MeV)

44-Ru-100

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44-Ru-100

(n,4n)  
Radionuclide Production Cross Section

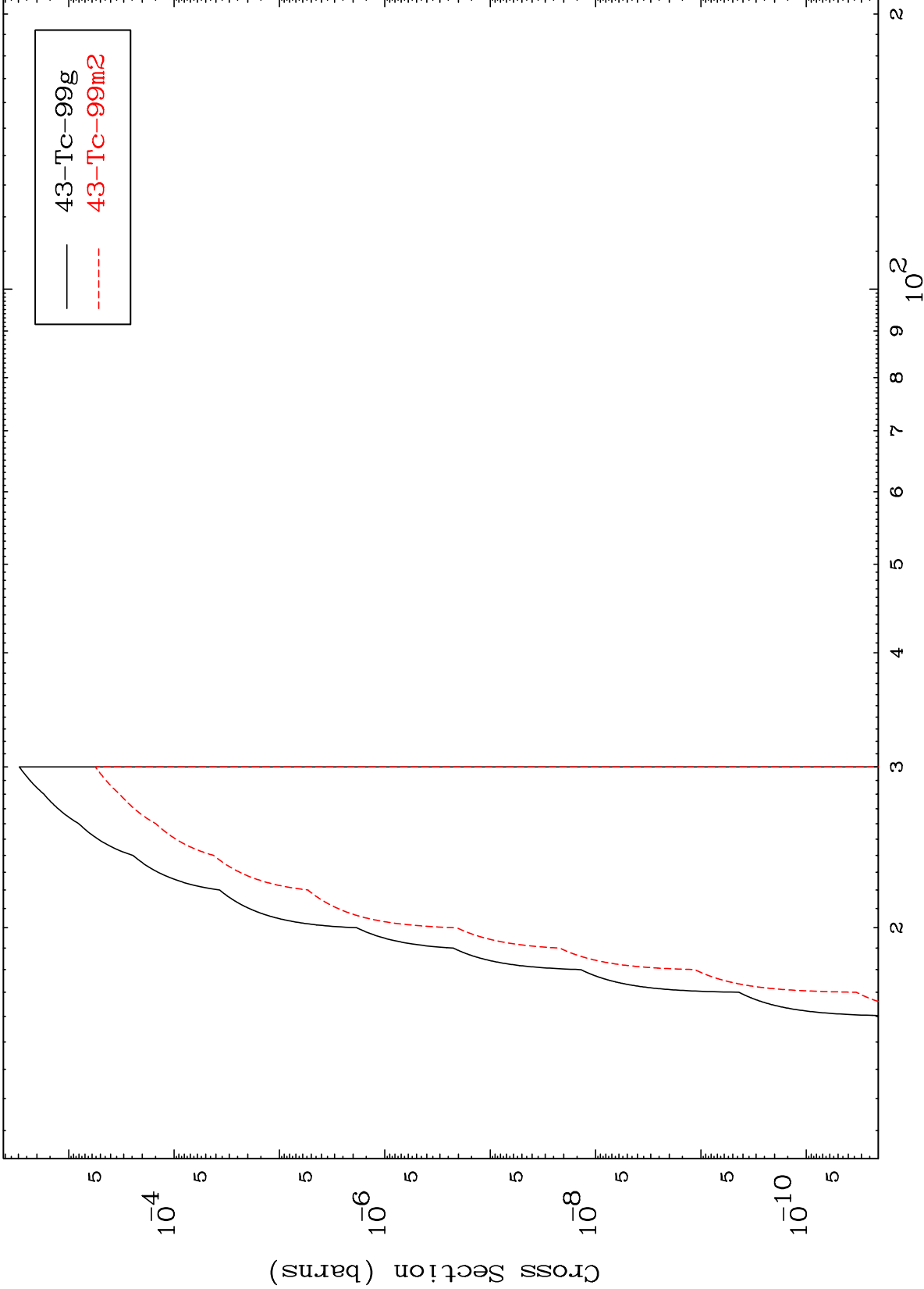


21

Incident Energy (MeV)

44-Ru-100

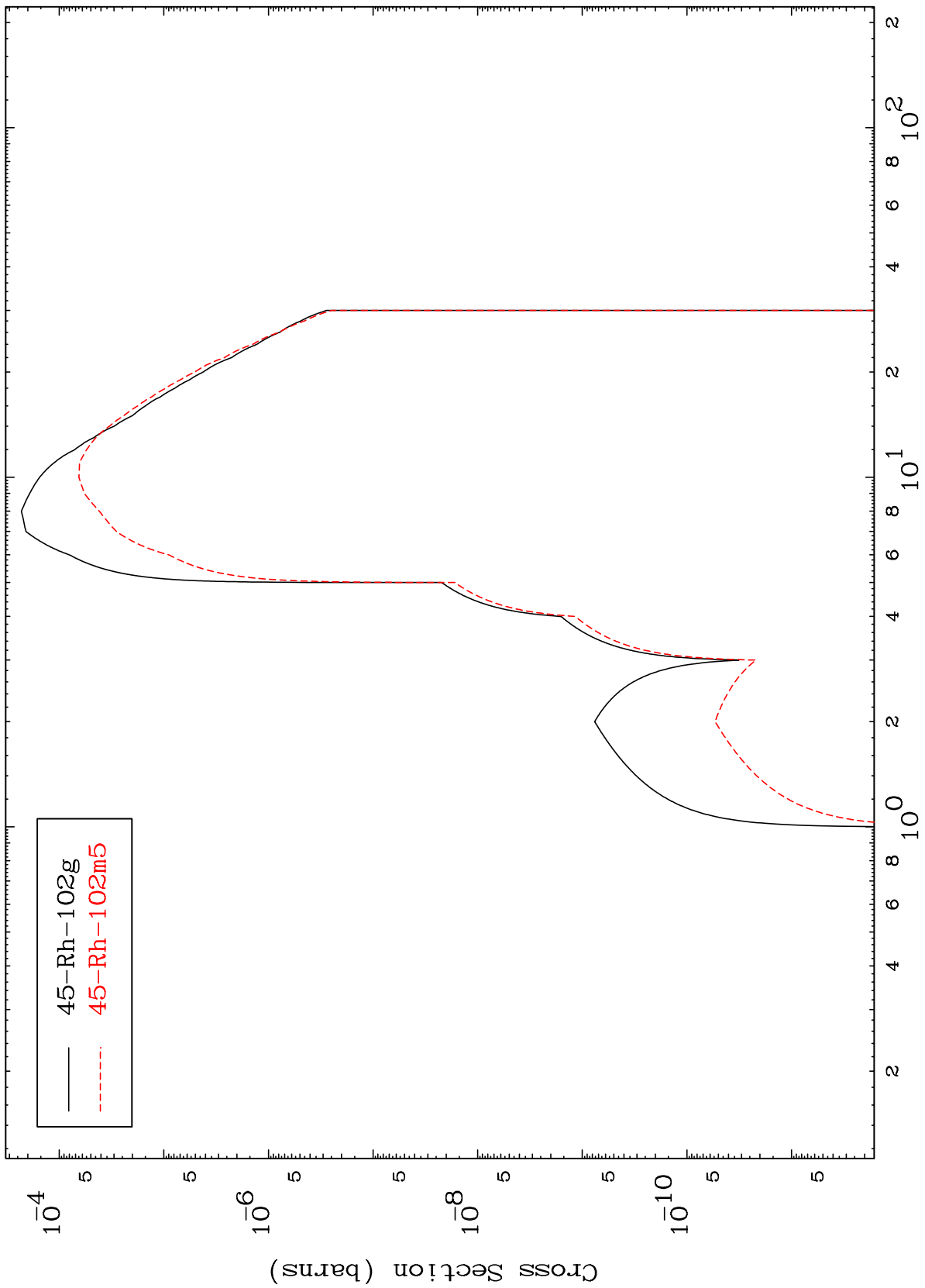
Radionuclide Production Cross Section



MAT 4437

44-Ru-100

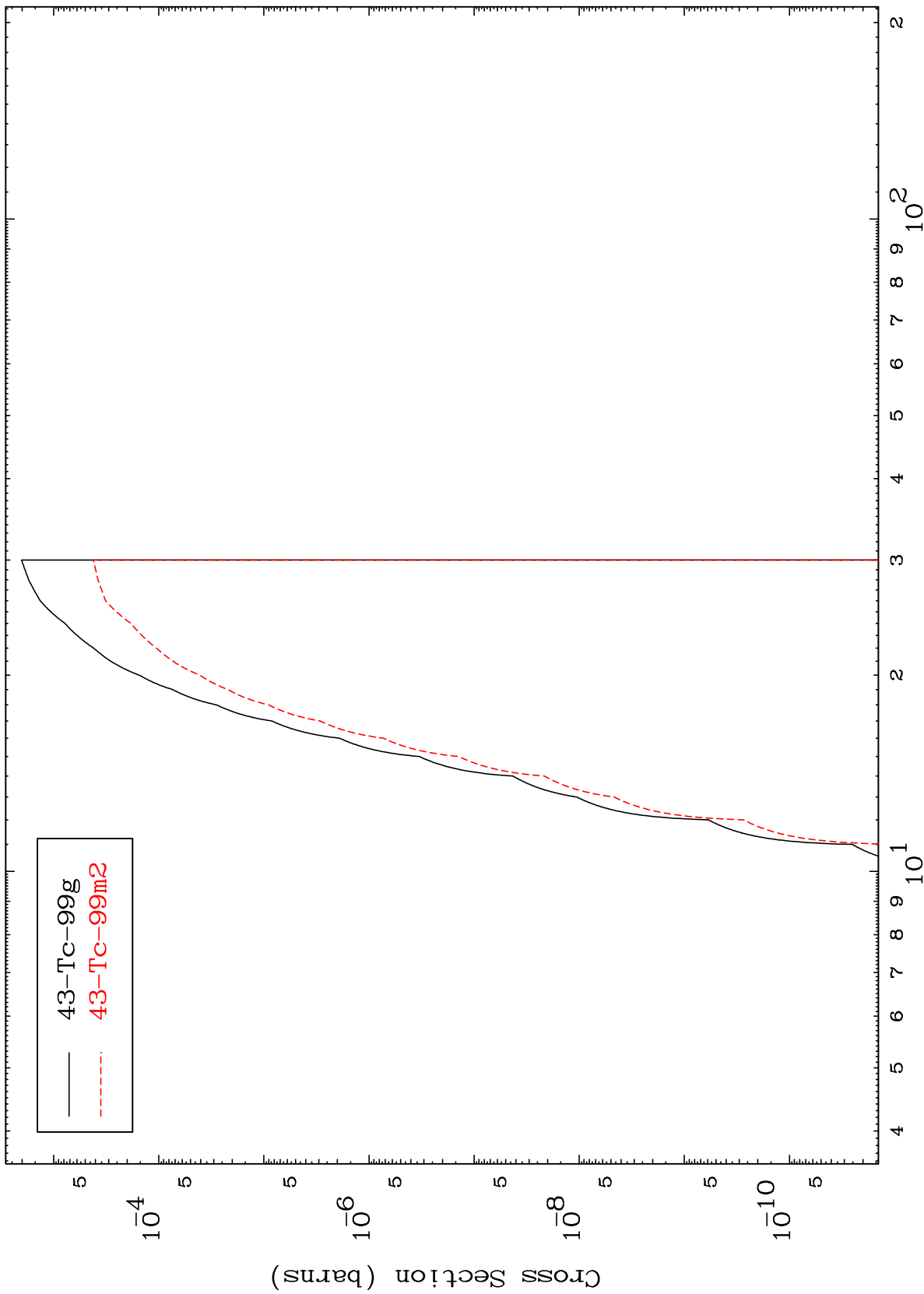
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4437

44-Ru-100

Radionuclide Production Cross Section  
(n,He-3)



44-Ru-100

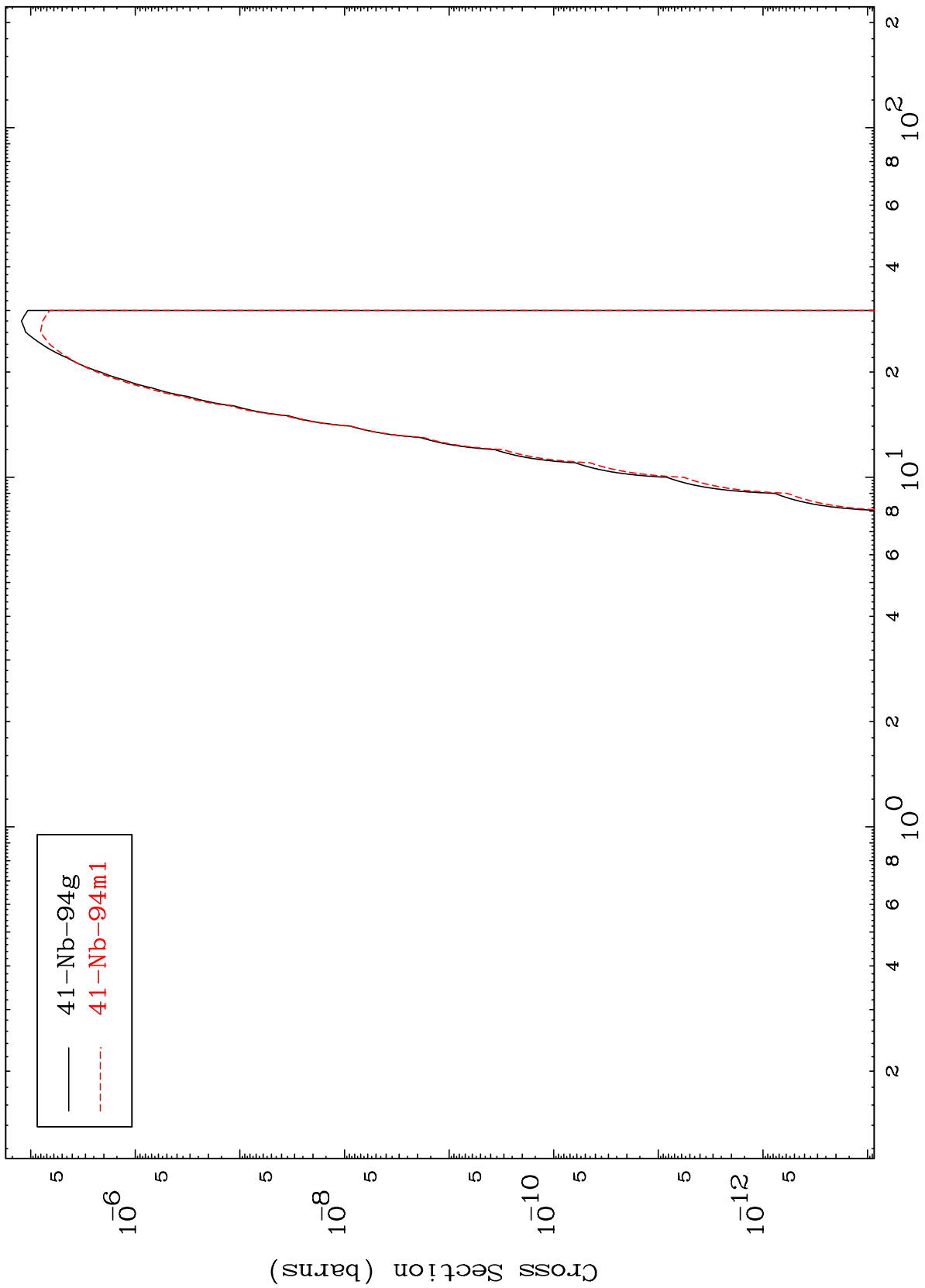
Incident Energy (MeV)

24

MAT 4437

44-Ru-100

Radionuclide Production Cross Section



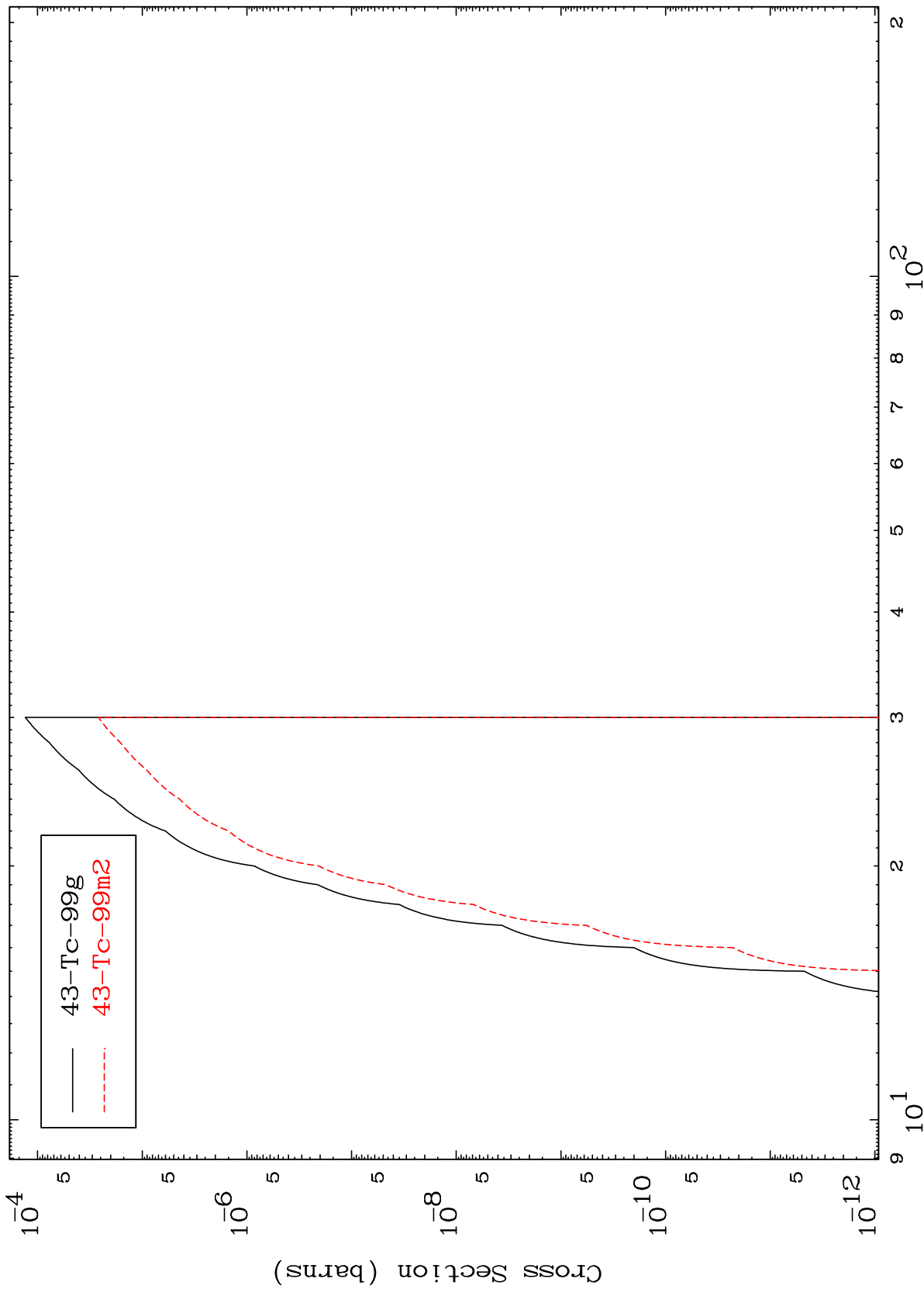
— 41-Nb-94g  
- - - 41-Nb-94m1

MAT 4437

(n,p) d

44-Ru-100

Radionuclide Production Cross Section



26

Incident Energy (MeV)

44-Ru-100