

Program EVALPLOT  
(Version 2017-1)

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

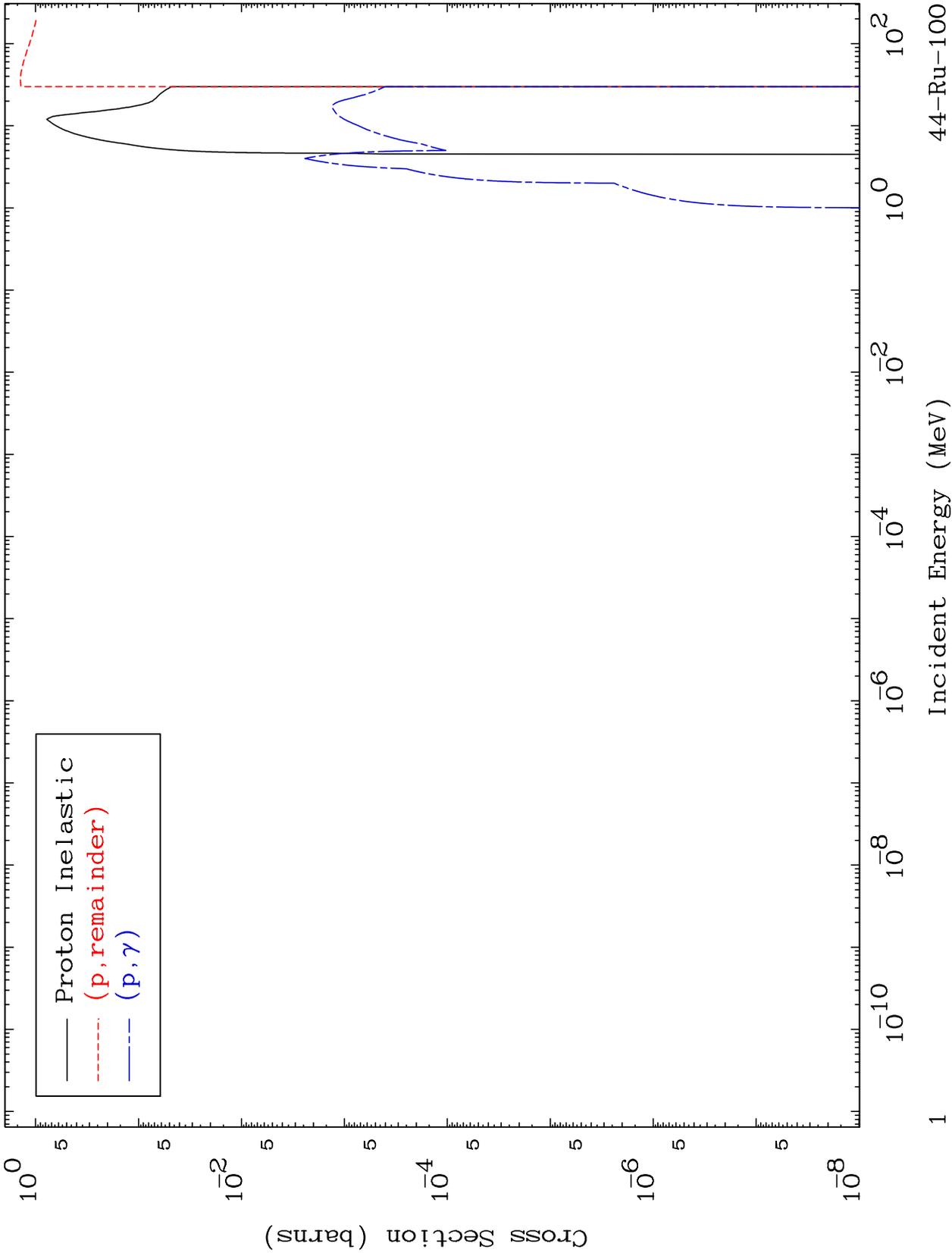
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4437

Proton Major  
0 Kelvin Cross Sections

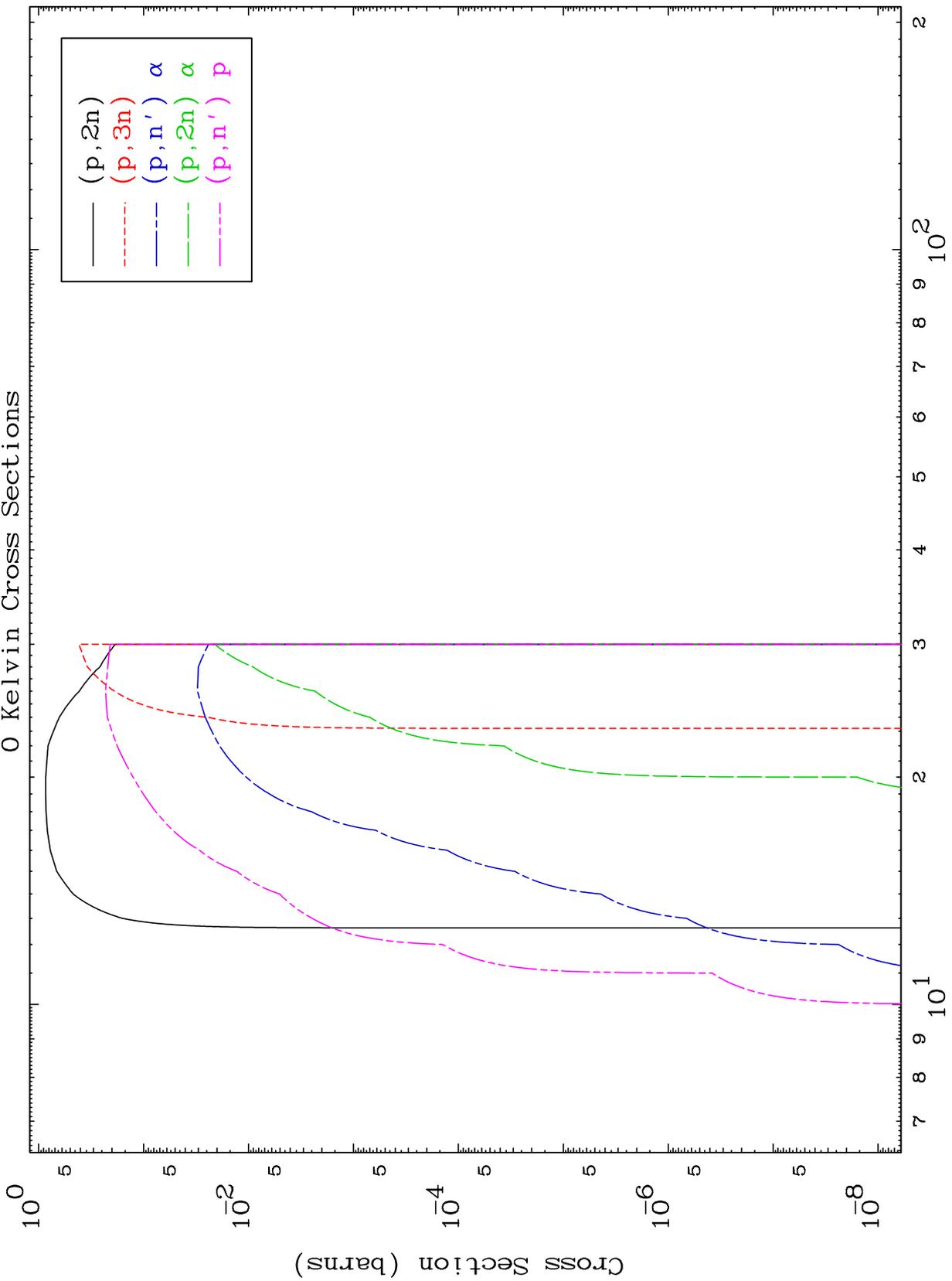
44-Ru-100

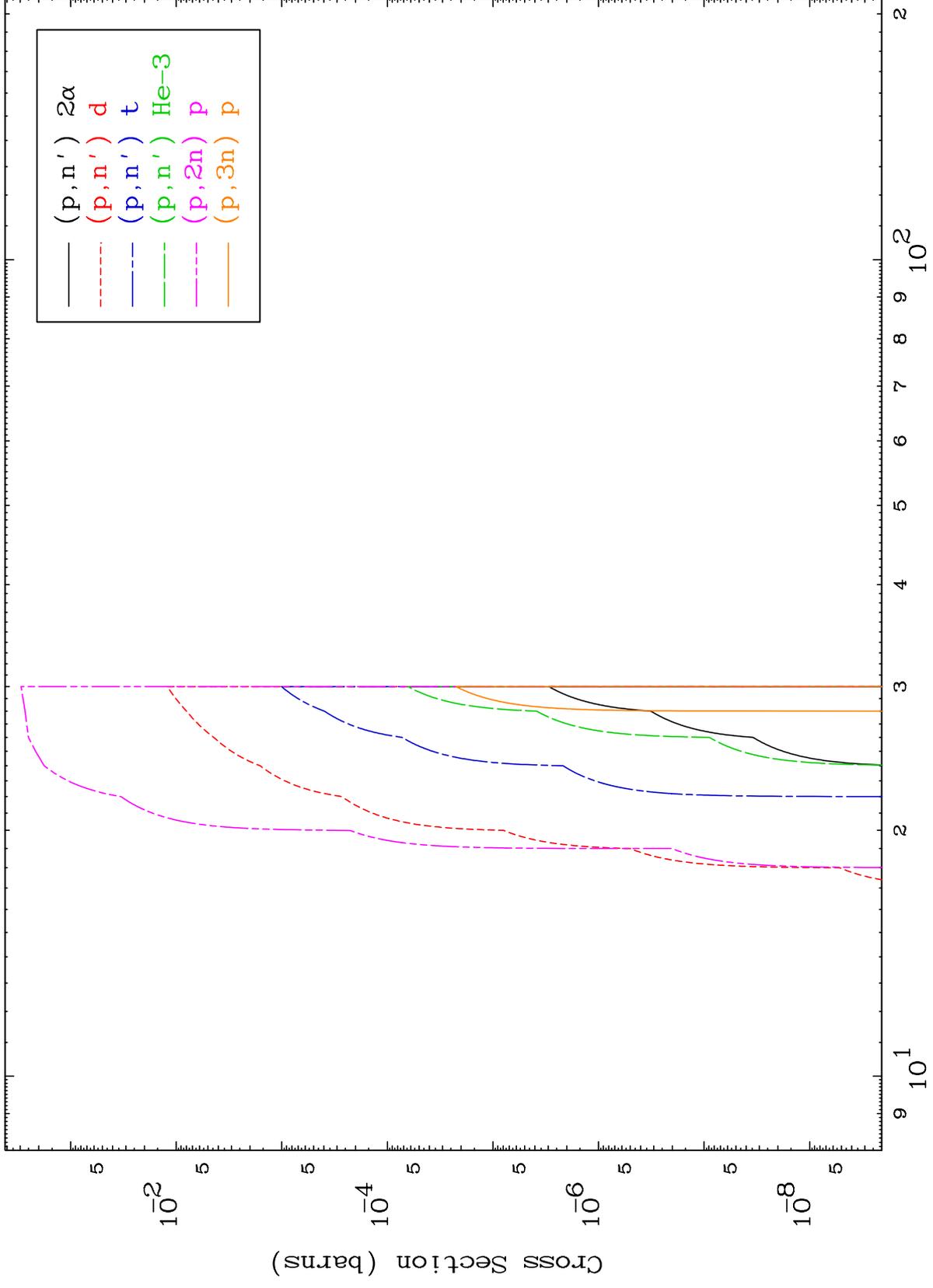


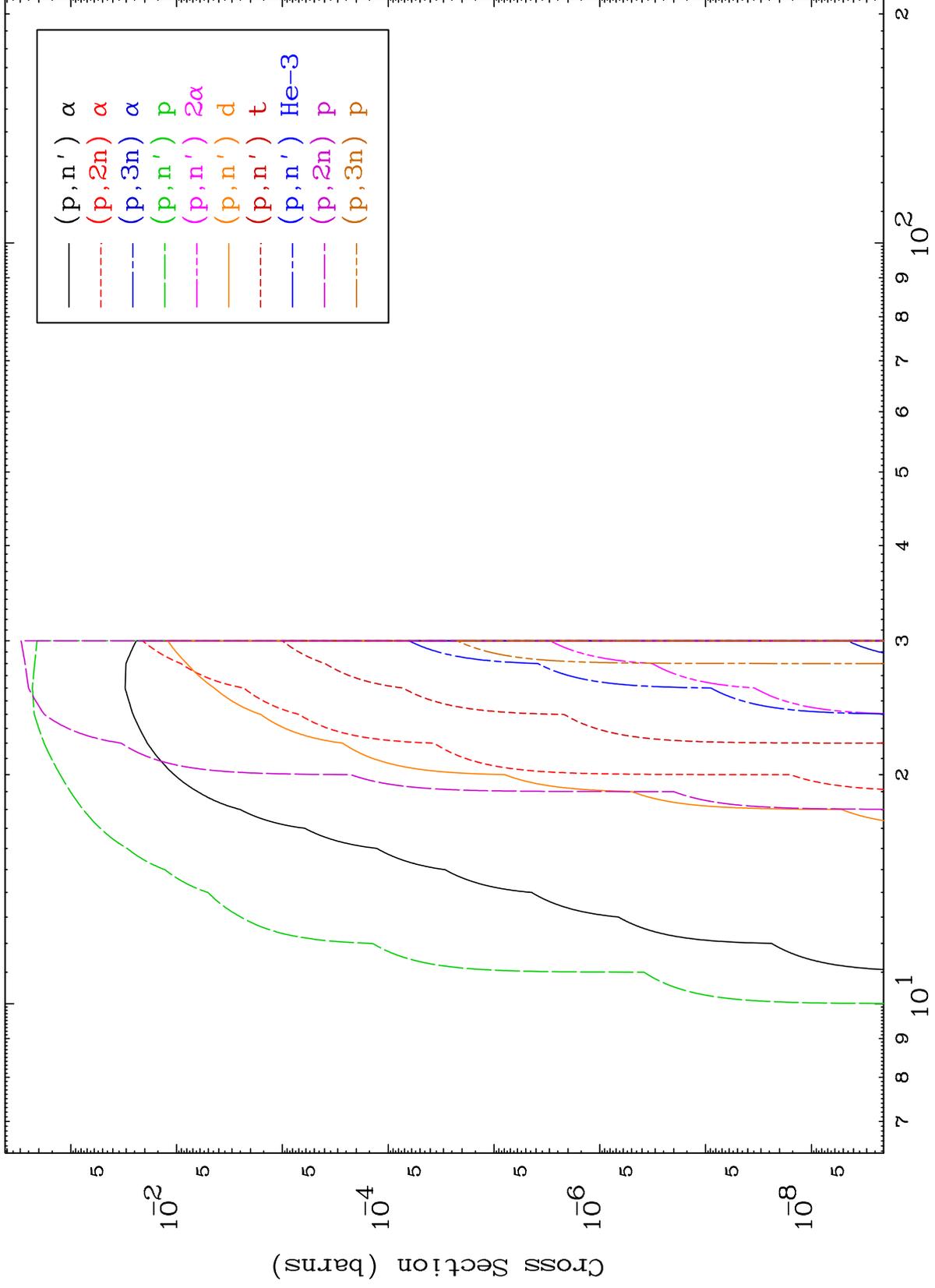
MAT 4437

Proton Neutron Production  
0 Kelvin Cross Sections

44-Ru-100



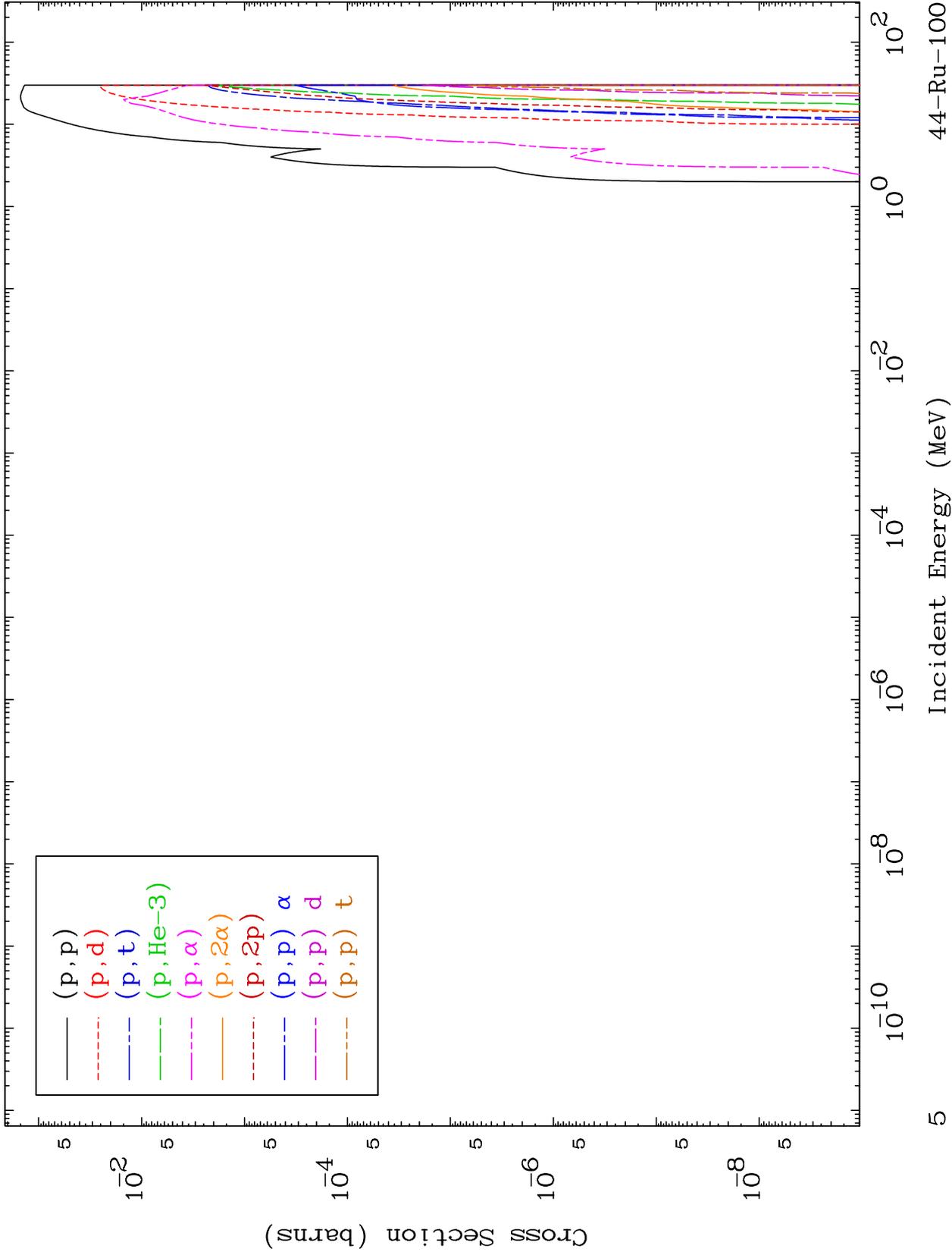




MAT 4437

Proton Charged Particle  
0 Kelvin Cross Sections

44-Ru-100

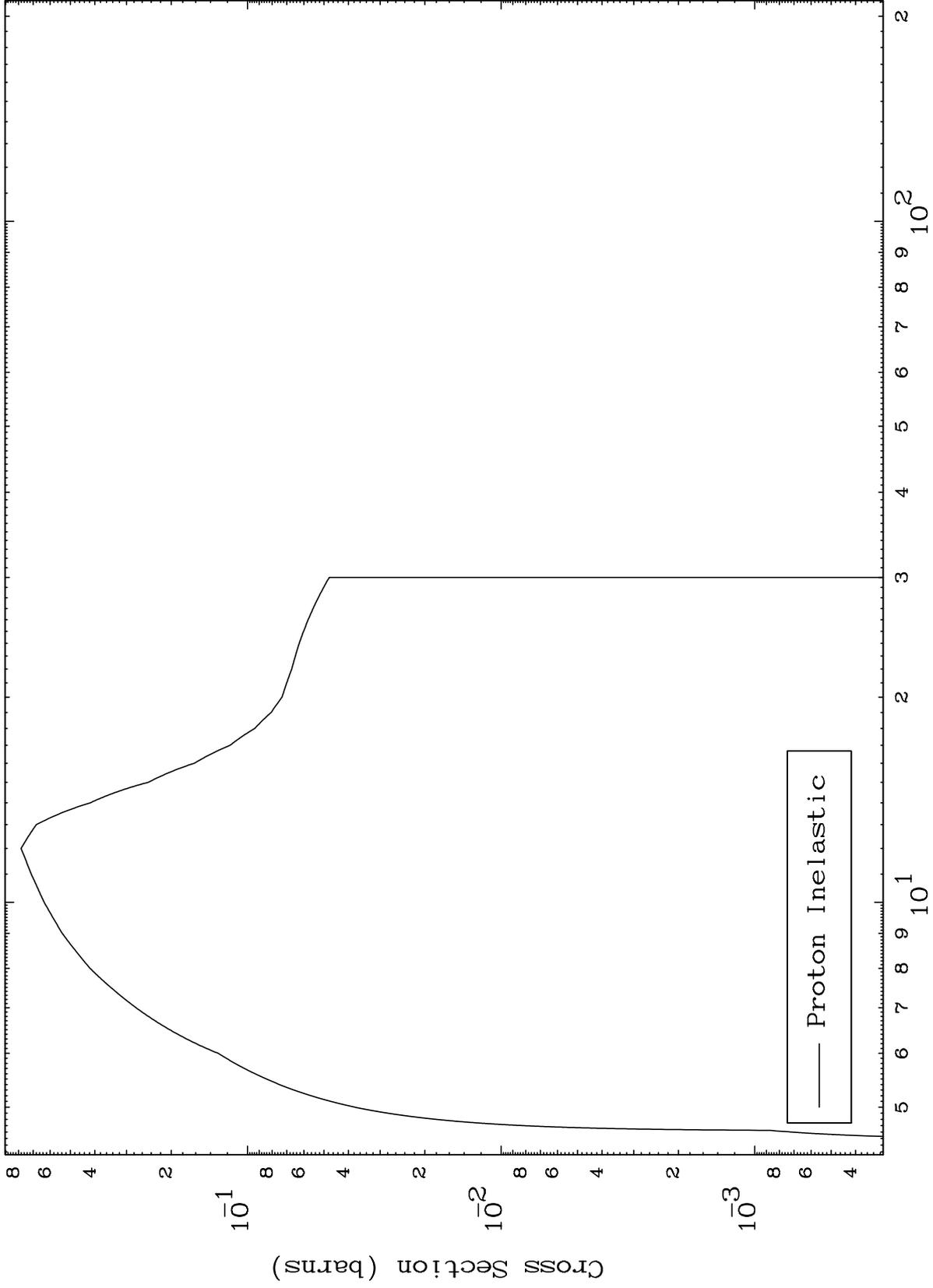


MAT 4437

(p,n') Level

44-Ru-100

0 Kelvin Cross Sections



— Proton Inelastic

6

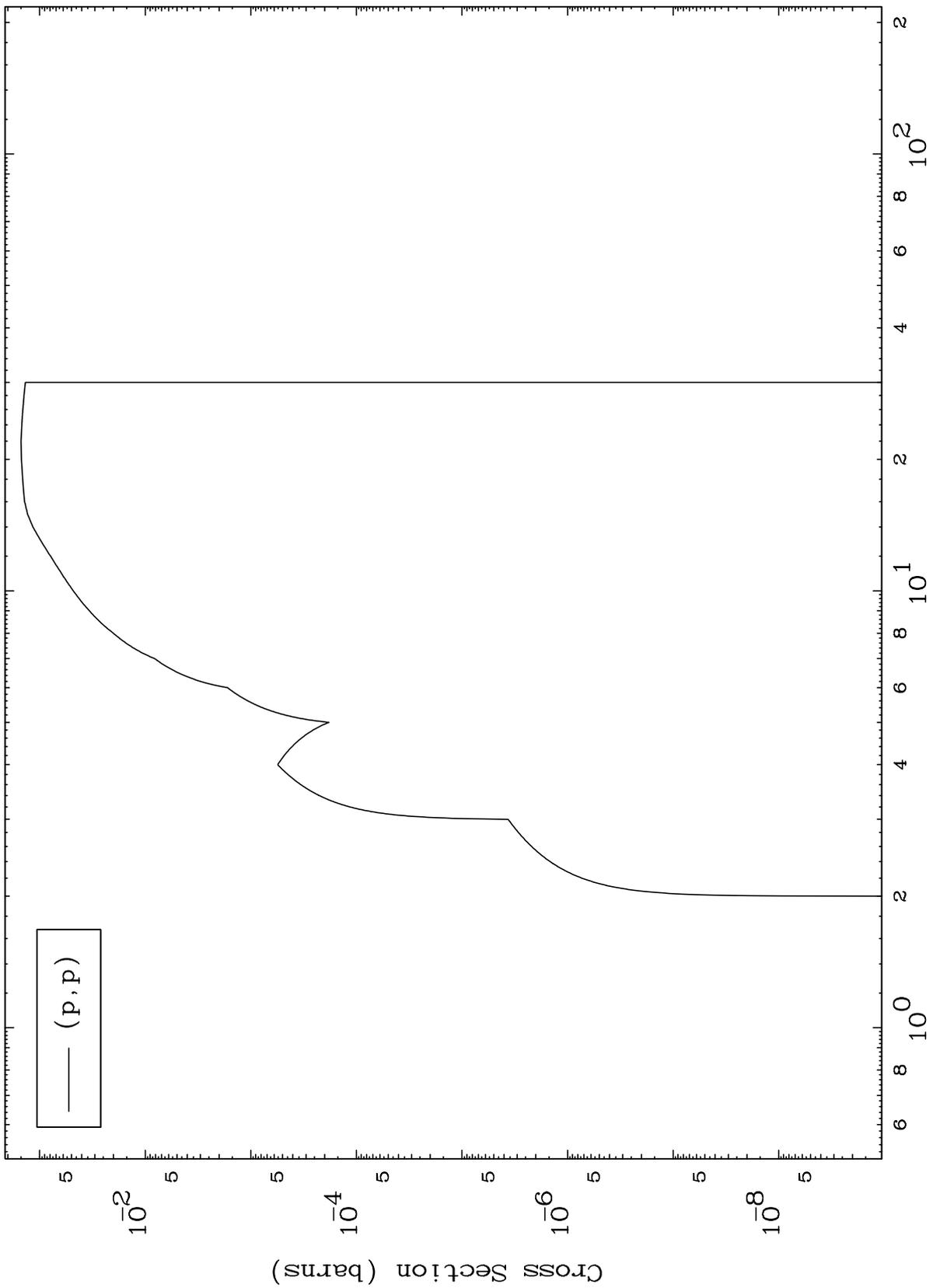
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(p,p) Levels  
0 Kelvin Cross Sections



7

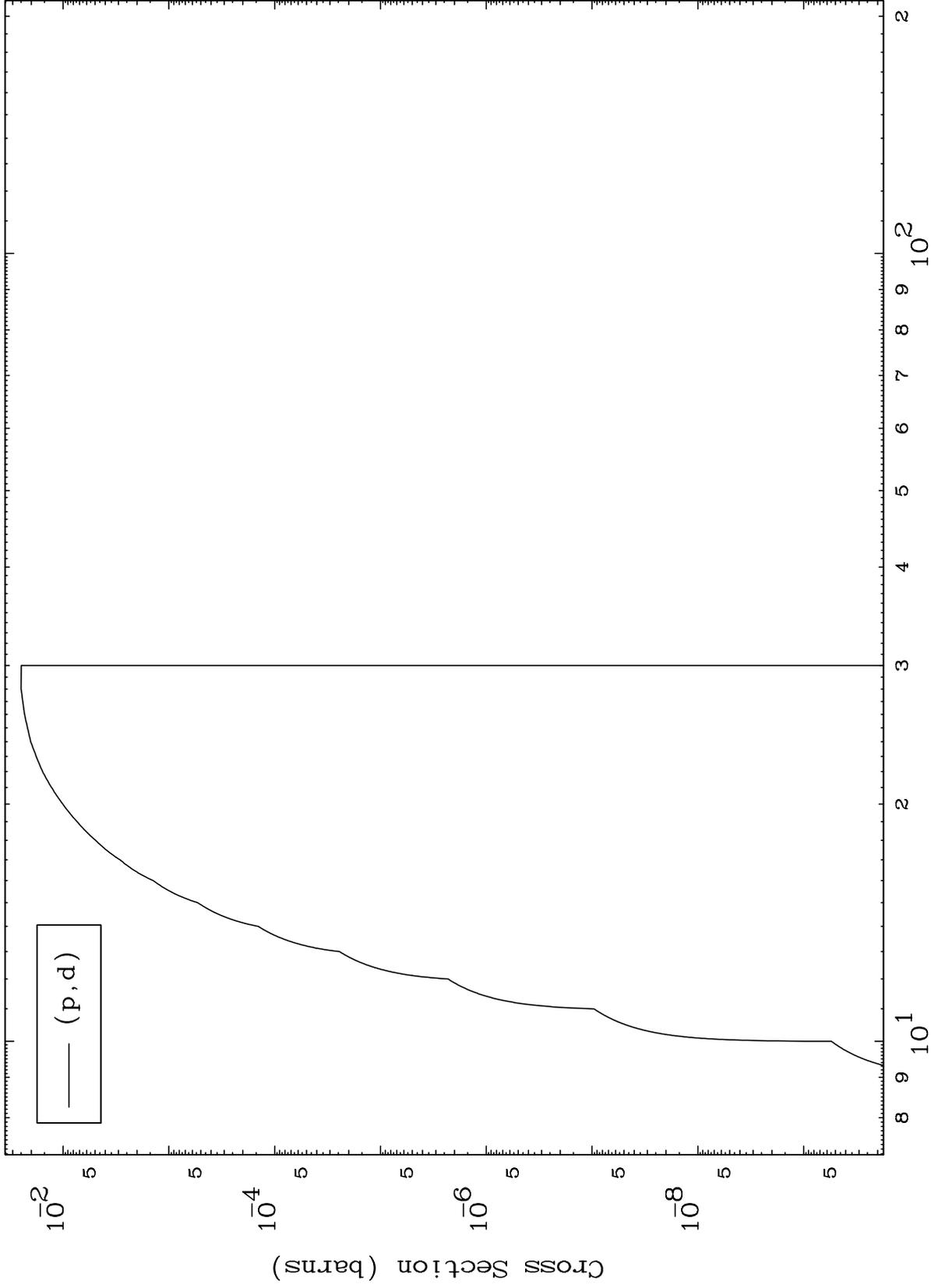
Incident Energy (MeV)

44-Ru-100

MAT 4437

(p,d) Levels  
0 Kelvin Cross Sections

44-Ru-100



8

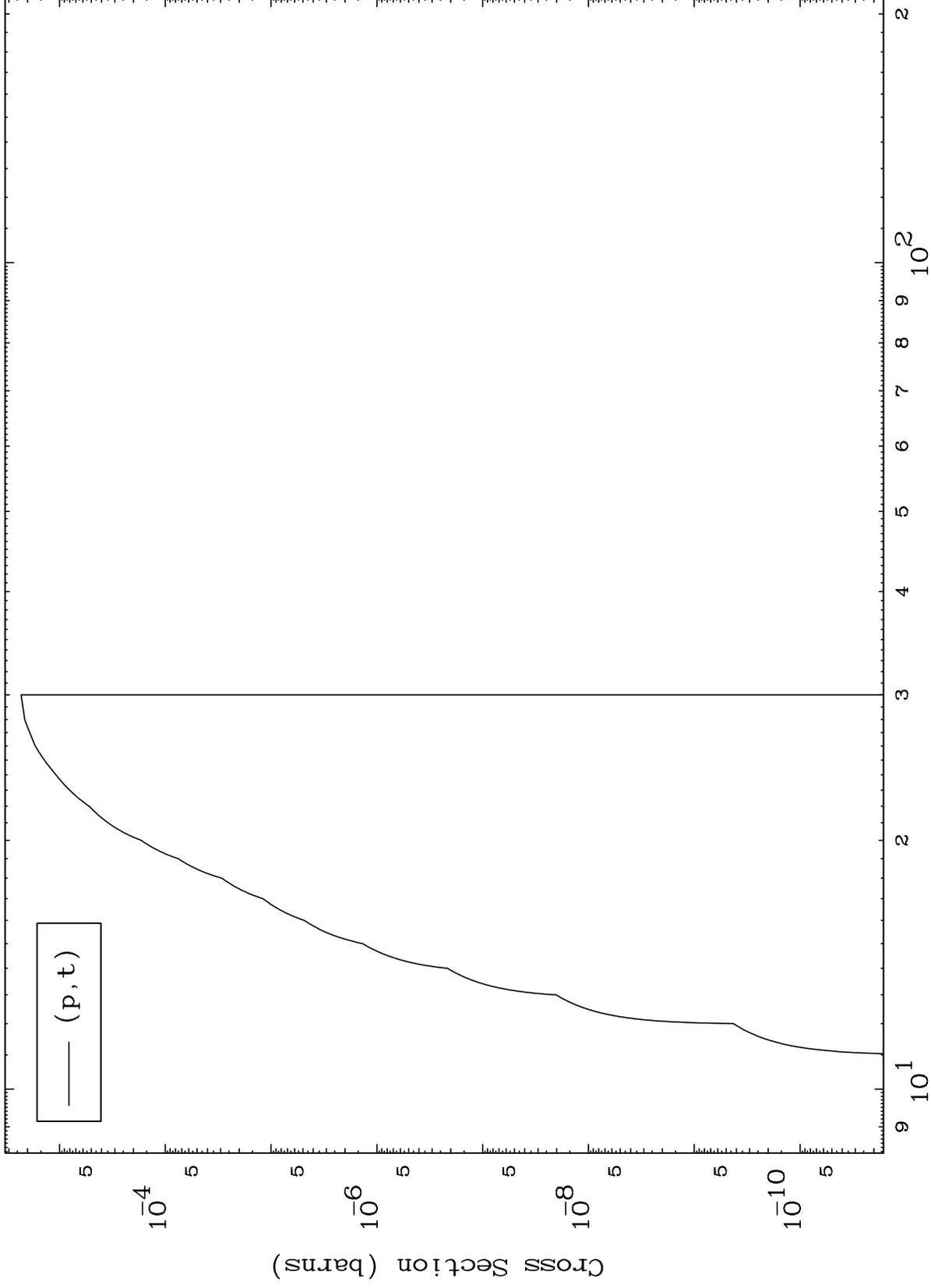
Incident Energy (MeV)

44-Ru-100

MAT 4437

(p,t) Levels  
0 Kelvin Cross Sections

44-Ru-100



9

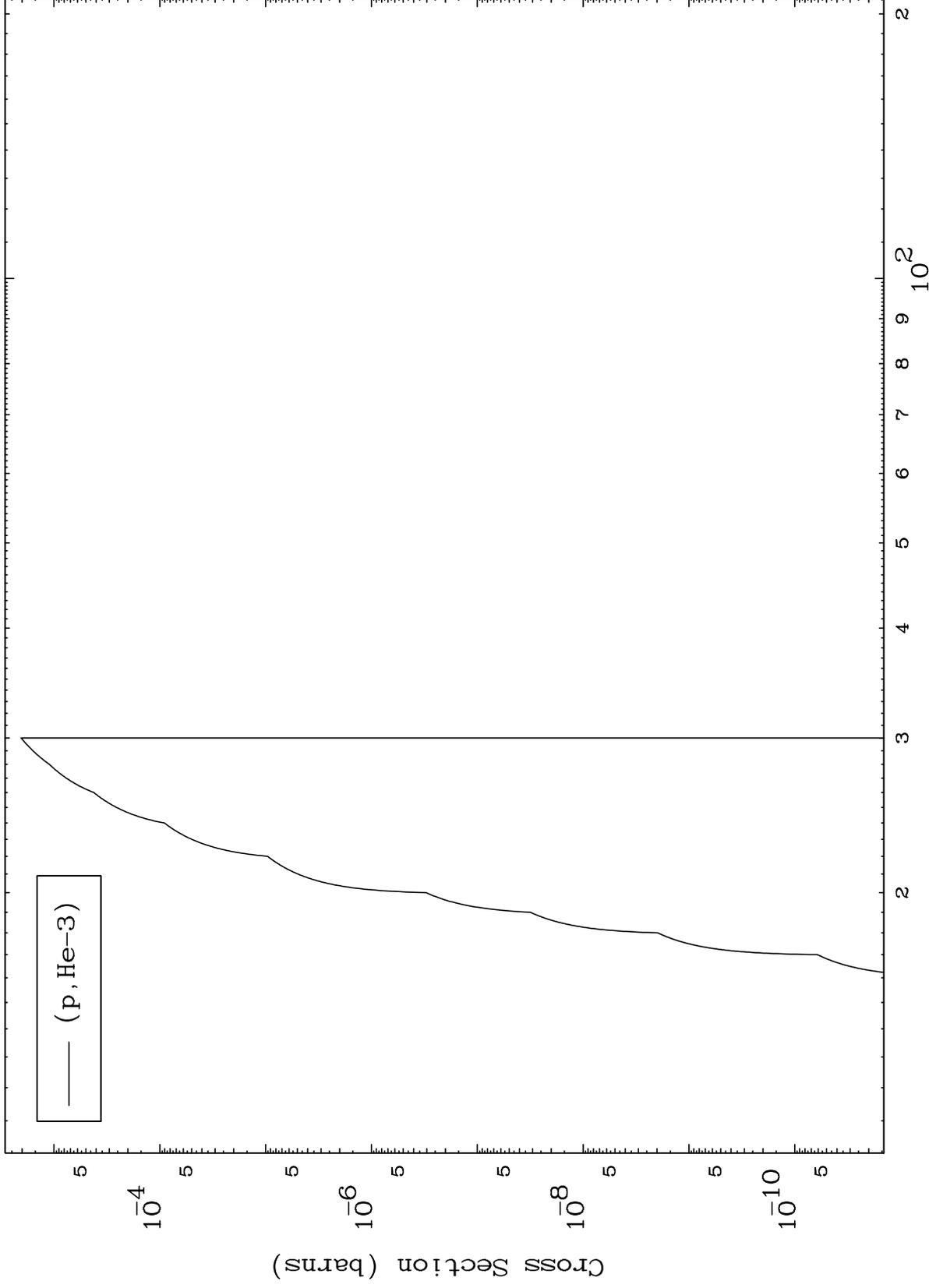
Incident Energy (MeV)

44-Ru-100

MAT 4437

(p,He3) Levels  
0 Kelvin Cross Sections

44-Ru-100



10

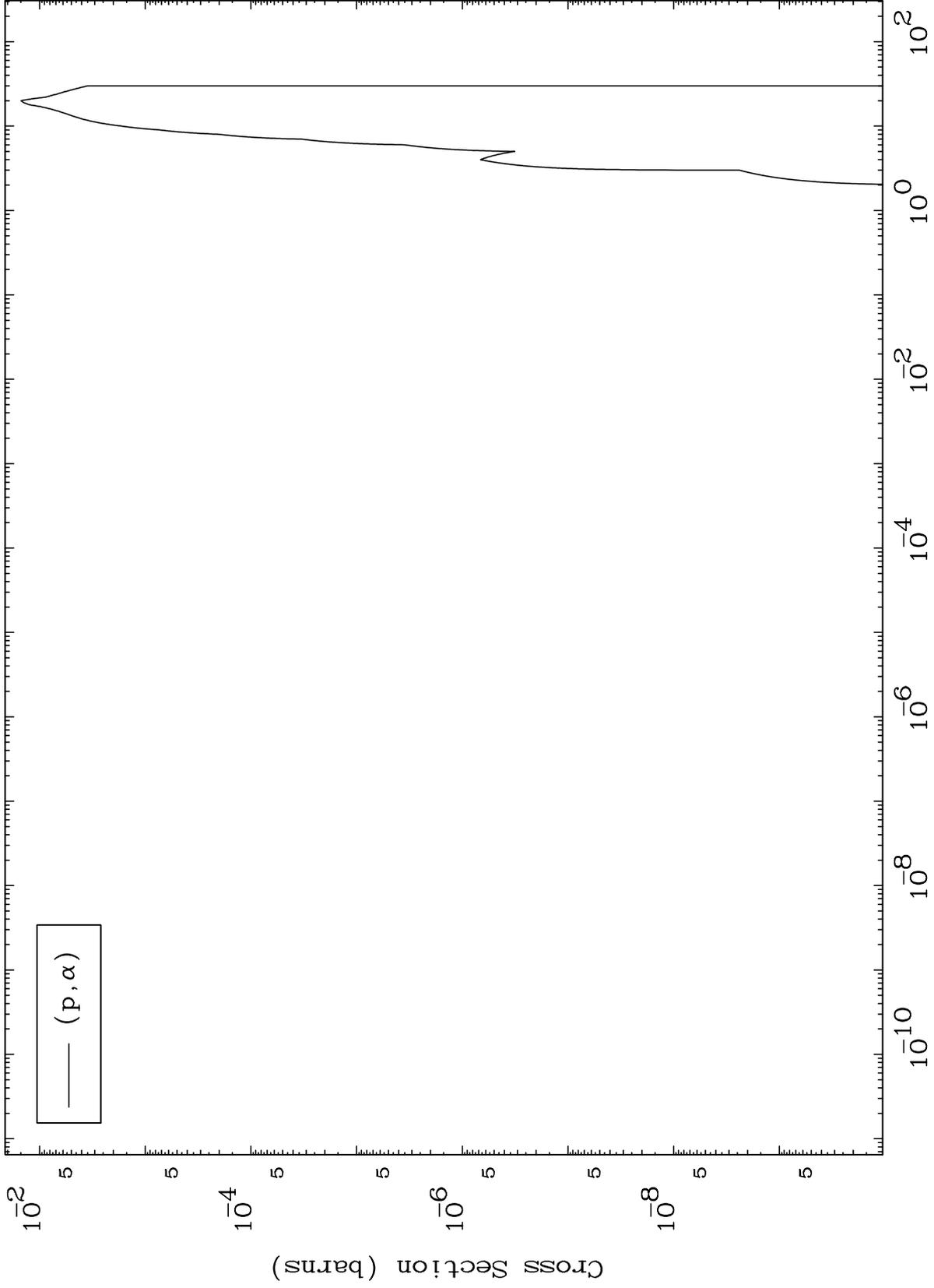
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

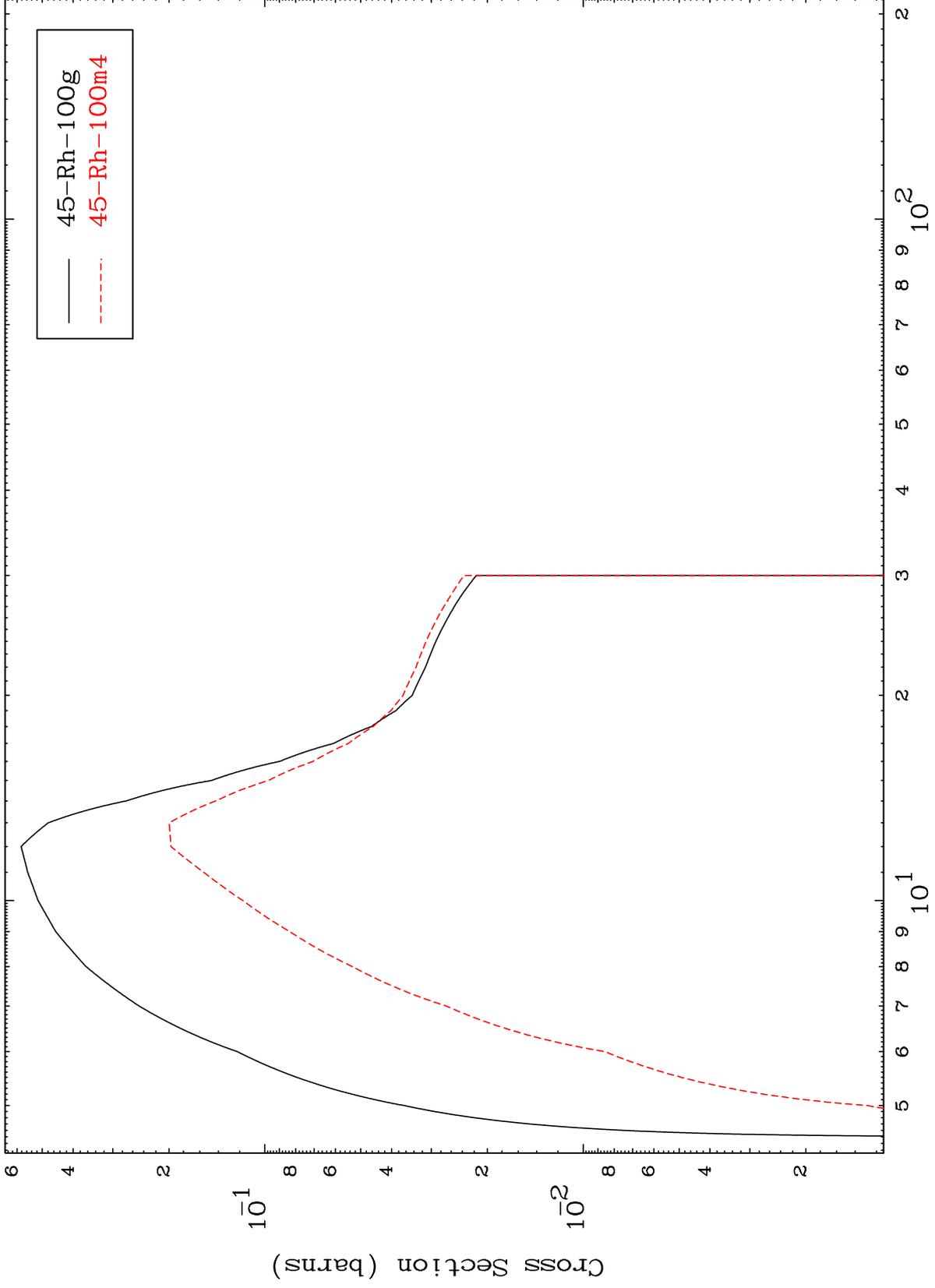
44-Ru-100



MAT 4437

Proton Inelastic  
Radionuclide Production Cross Section

44-Ru-100



45-Rh-100g  
45-Rh-100m4

12

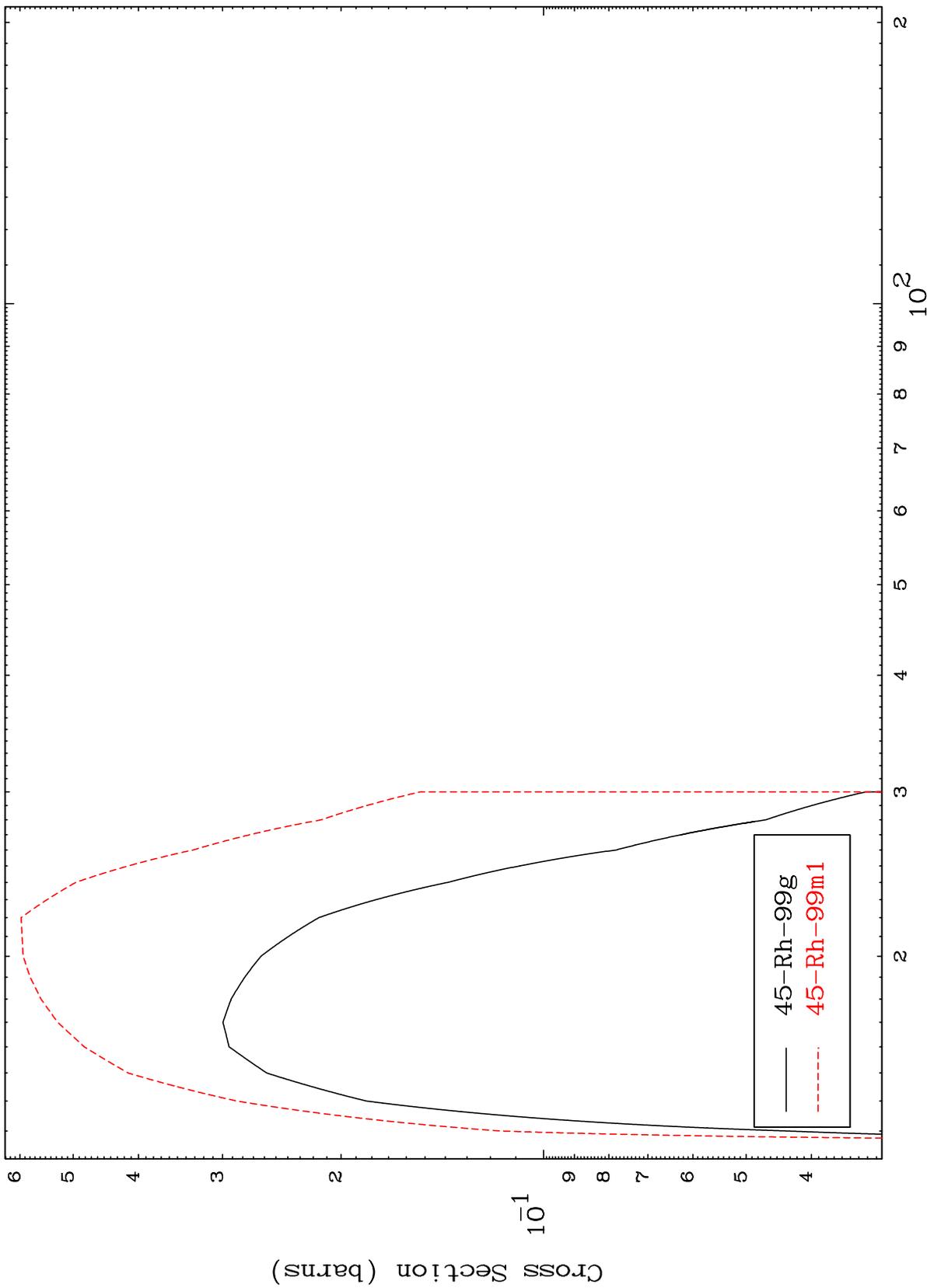
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

(p,2n)  
Radionuclide Production Cross Section



13

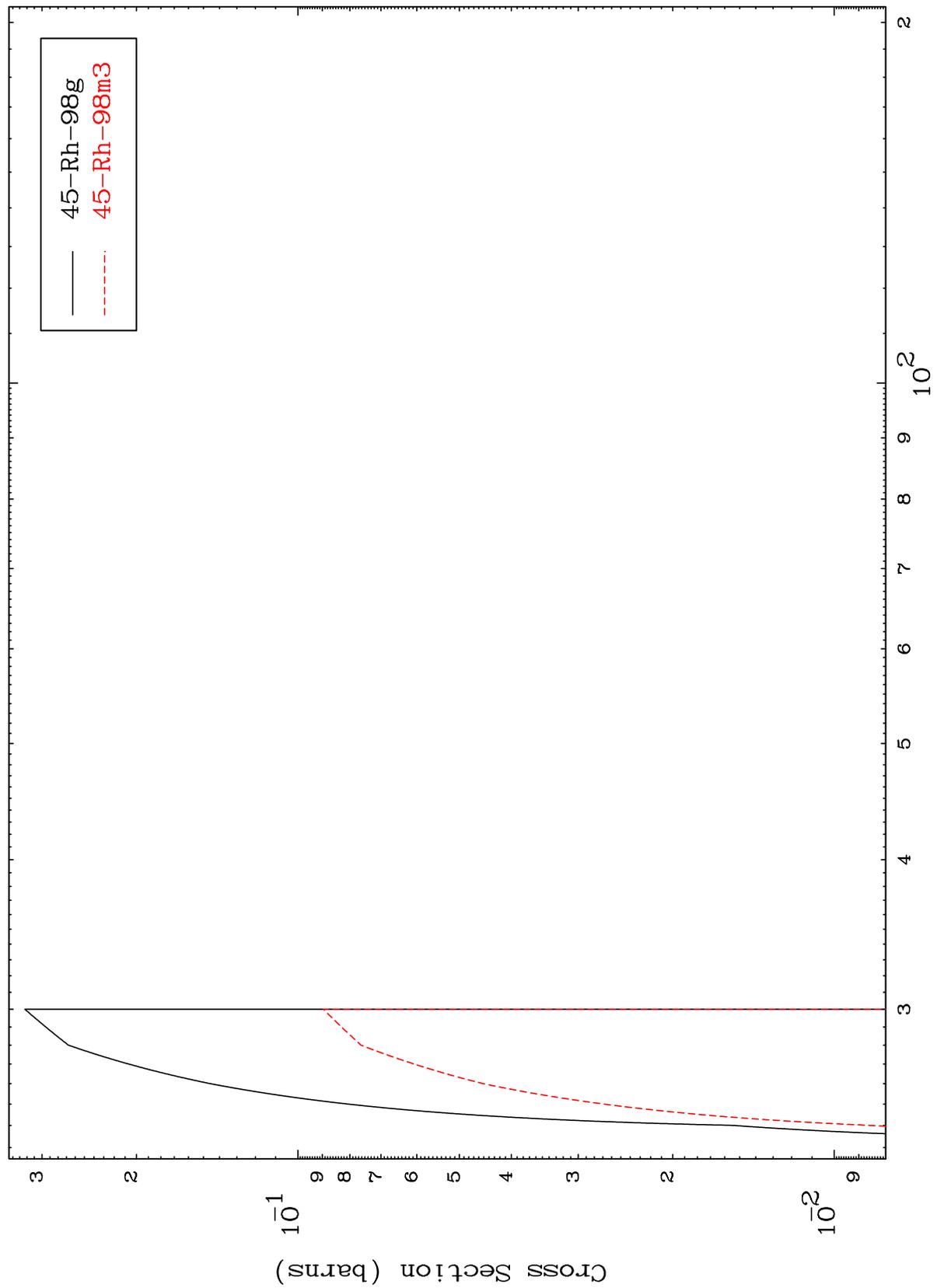
44-Ru-100

Incident Energy (MeV)

MAT 4437

44-Ru-100

(p,3n)  
Radionuclide Production Cross Section



14

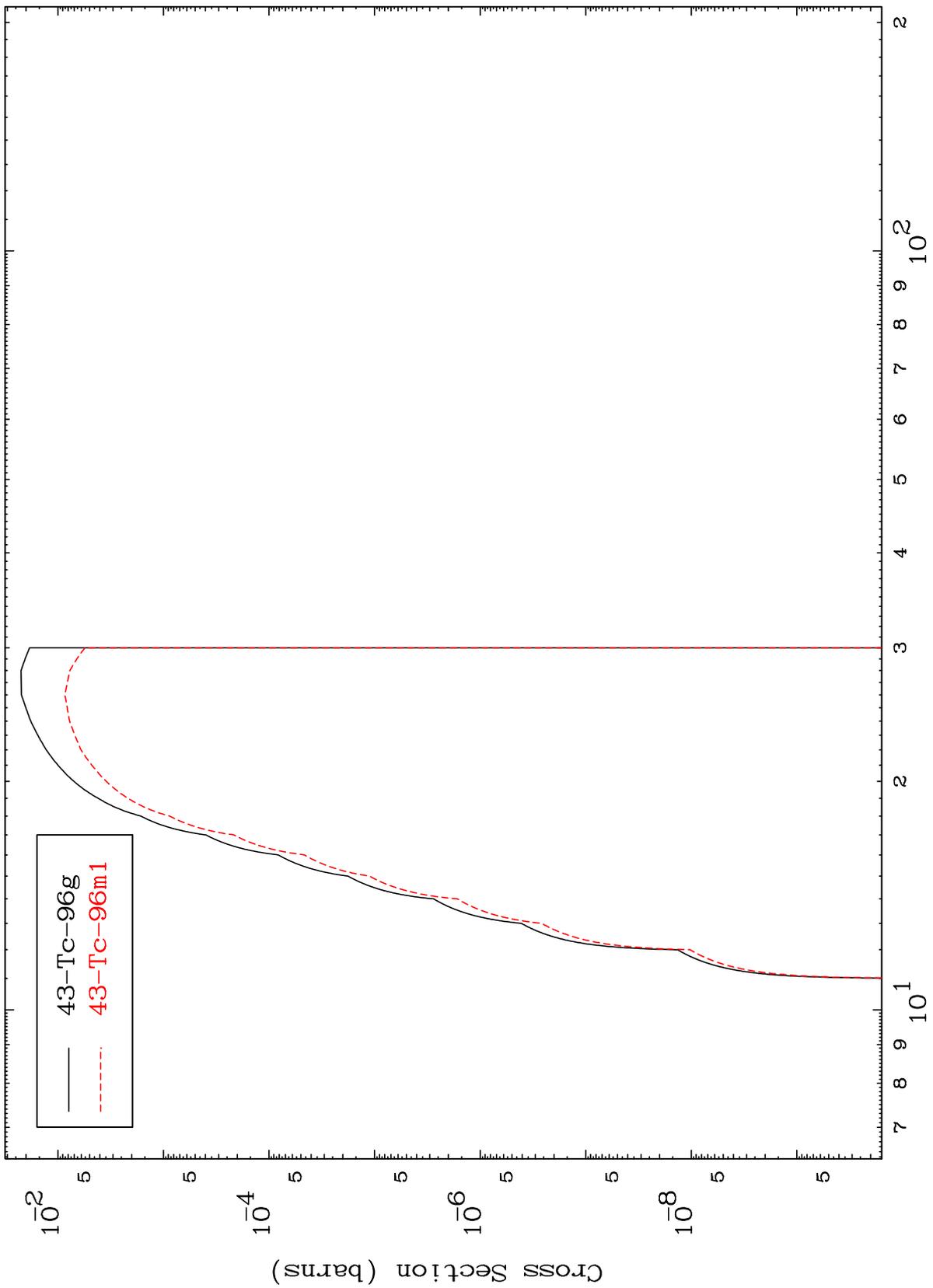
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

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



15

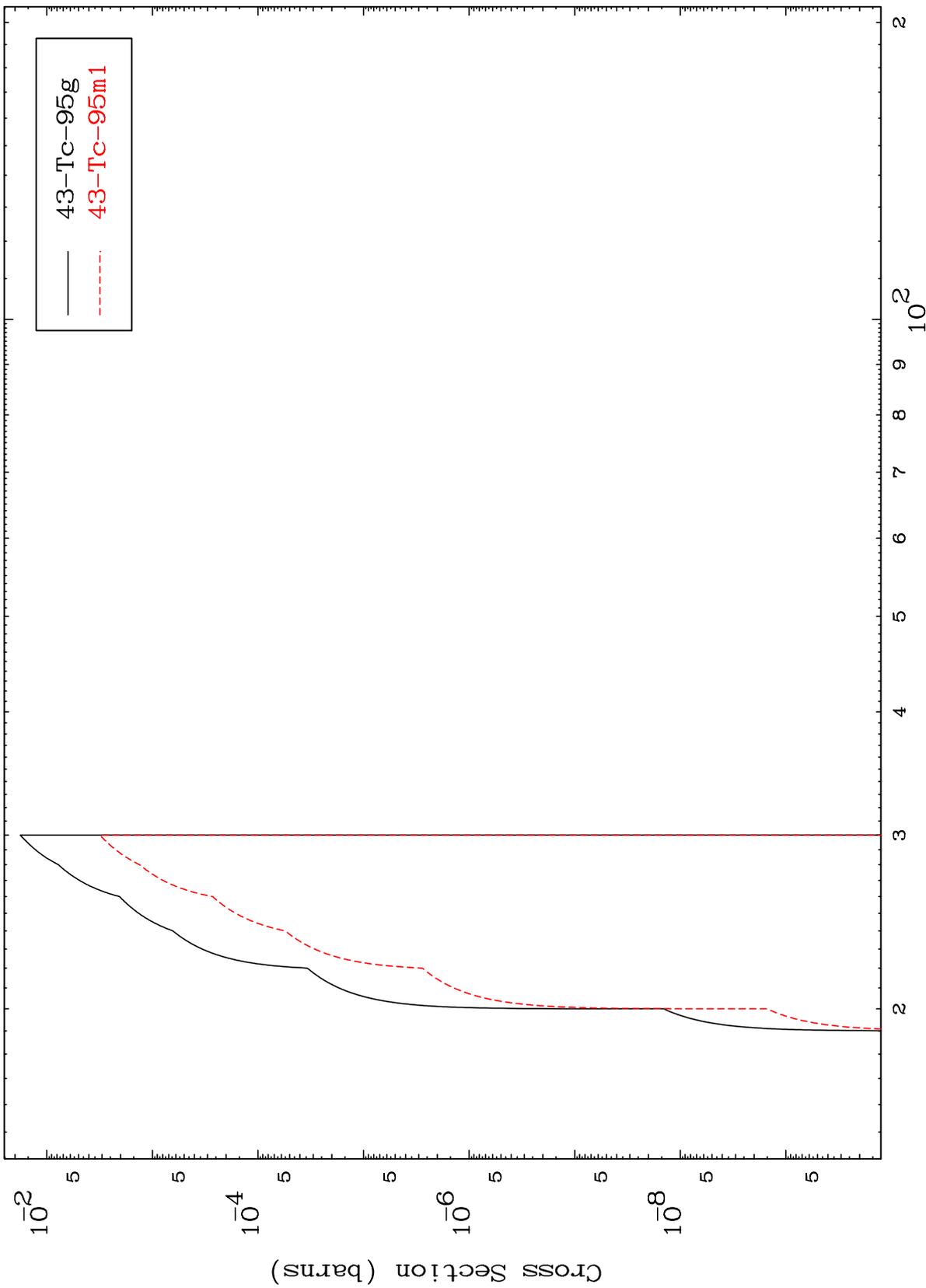
44-Ru-100

MAT 4437

(p,2n)  $\alpha$

44-Ru-100

Radionuclide Production Cross Section

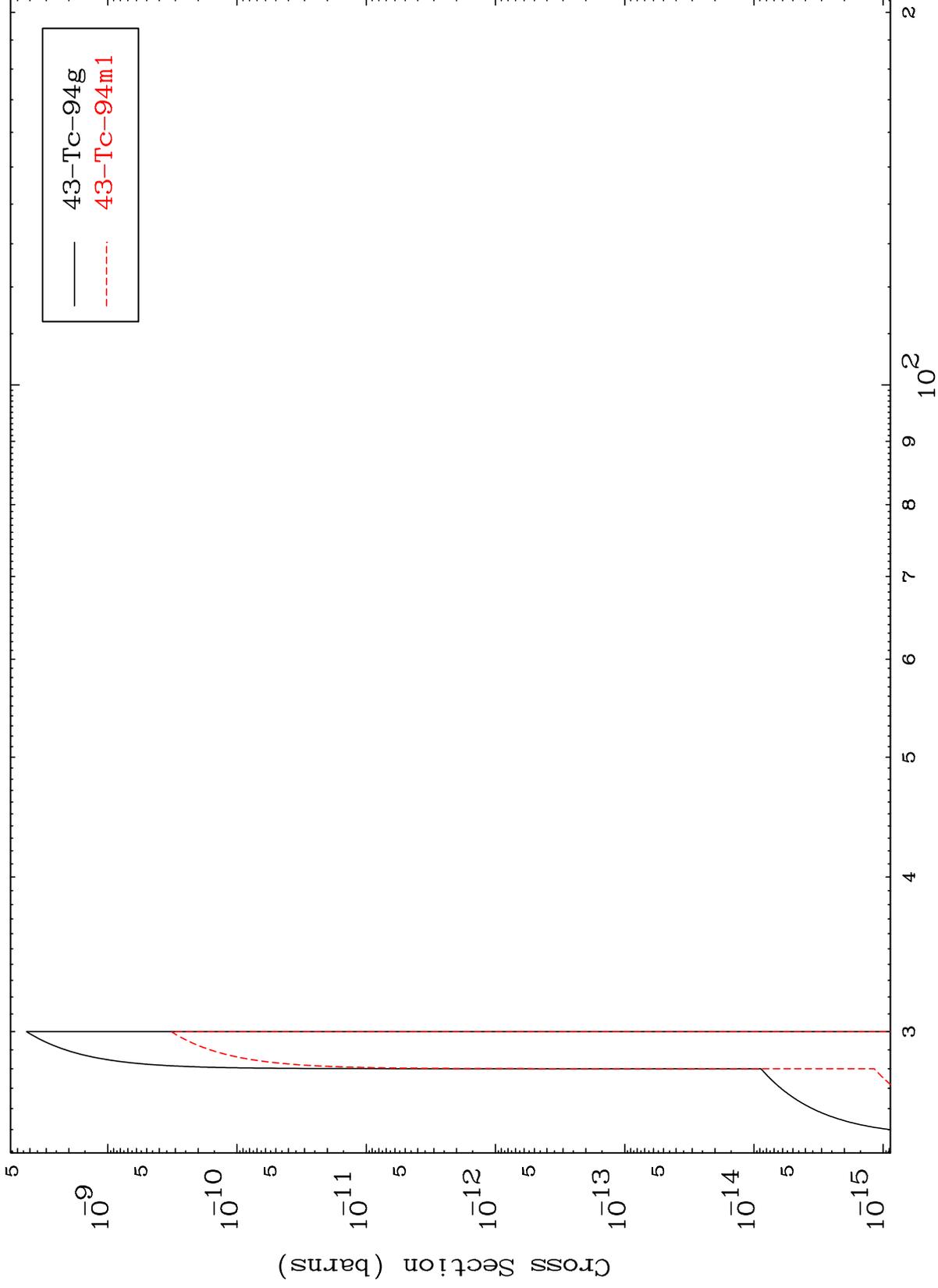


16

Incident Energy (MeV)

44-Ru-100

Radionuclide Production Cross Section



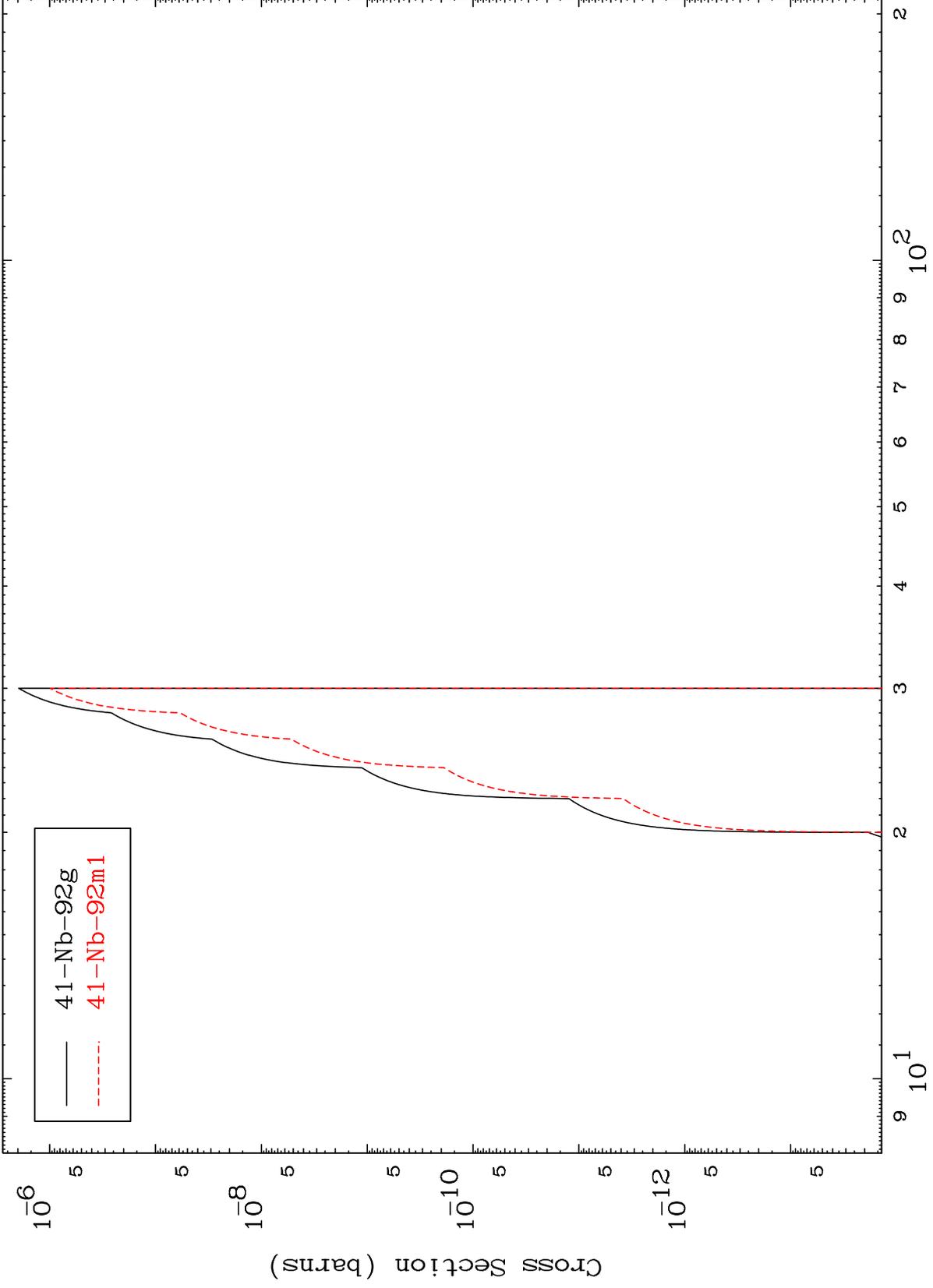
43-Tc-94g  
43-Tc-94m1

MAT 4437

(p,n') 2α

44-Ru-100

Radionuclide Production Cross Section



18

Incident Energy (MeV)

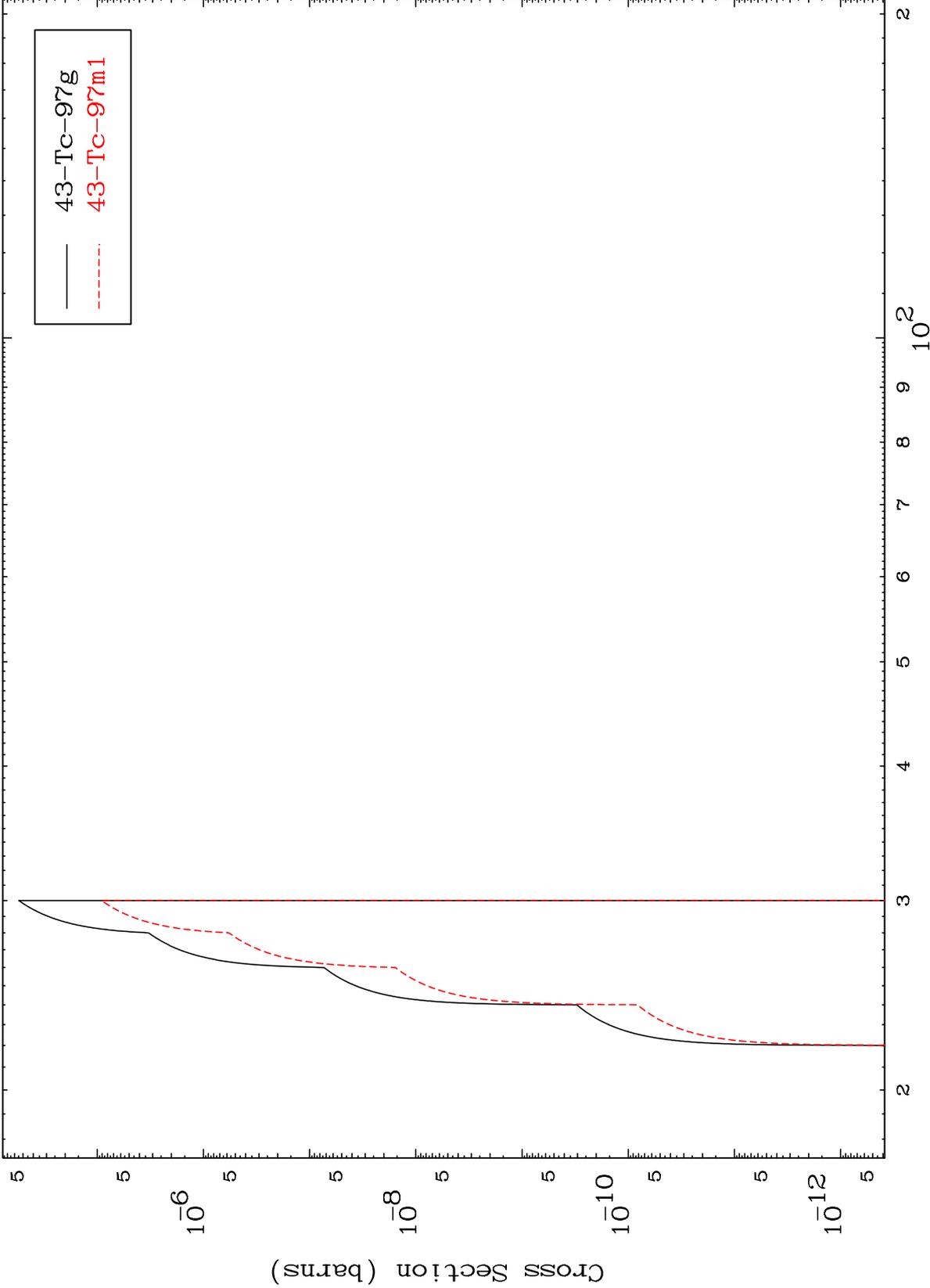
44-Ru-100

MAT 4437

(p,n') He-3

44-Ru-100

Radionuclide Production Cross Section



19

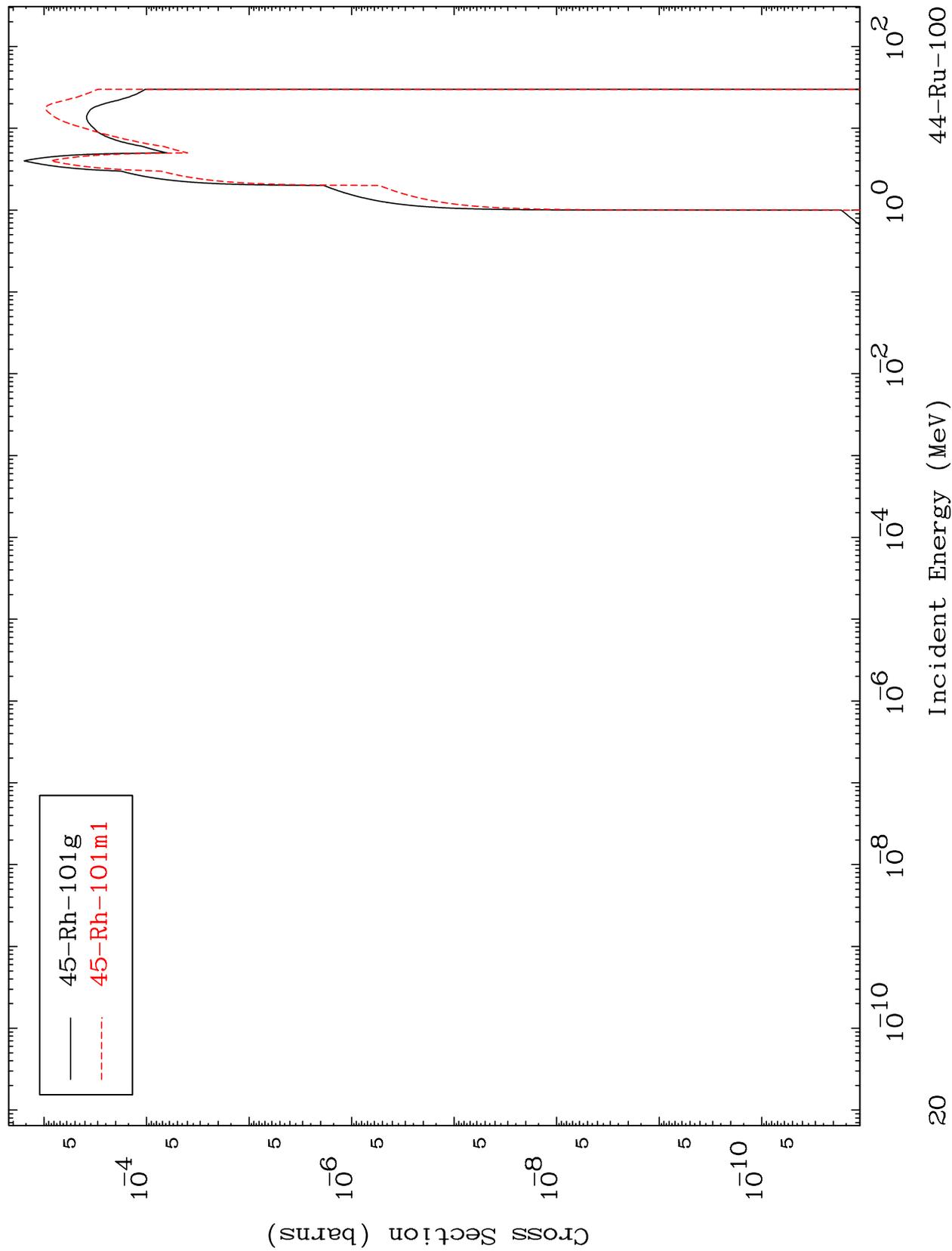
Incident Energy (MeV)

44-Ru-100

MAT 4437

44-Ru-100

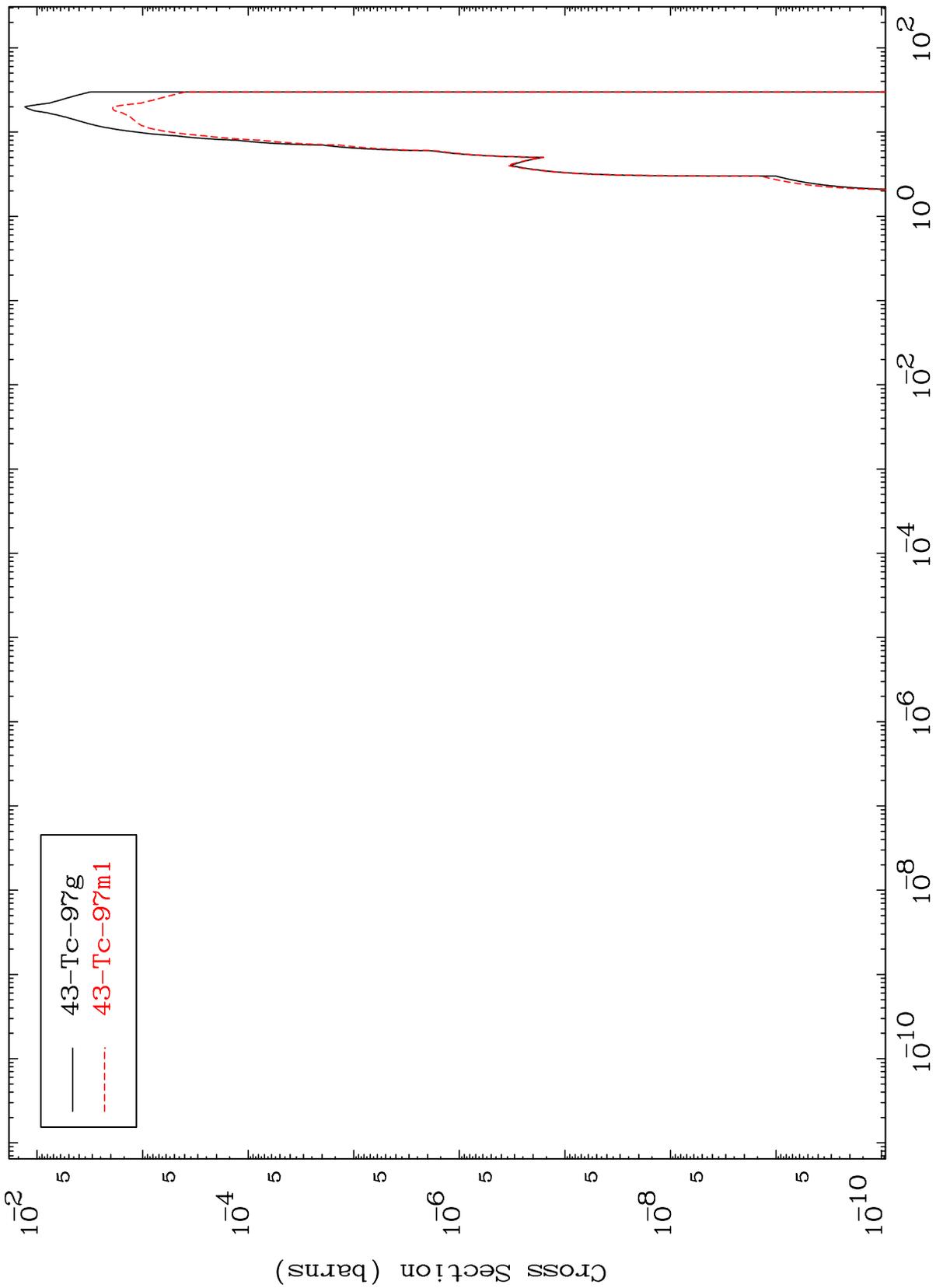
(p,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4437

44-Ru-100

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



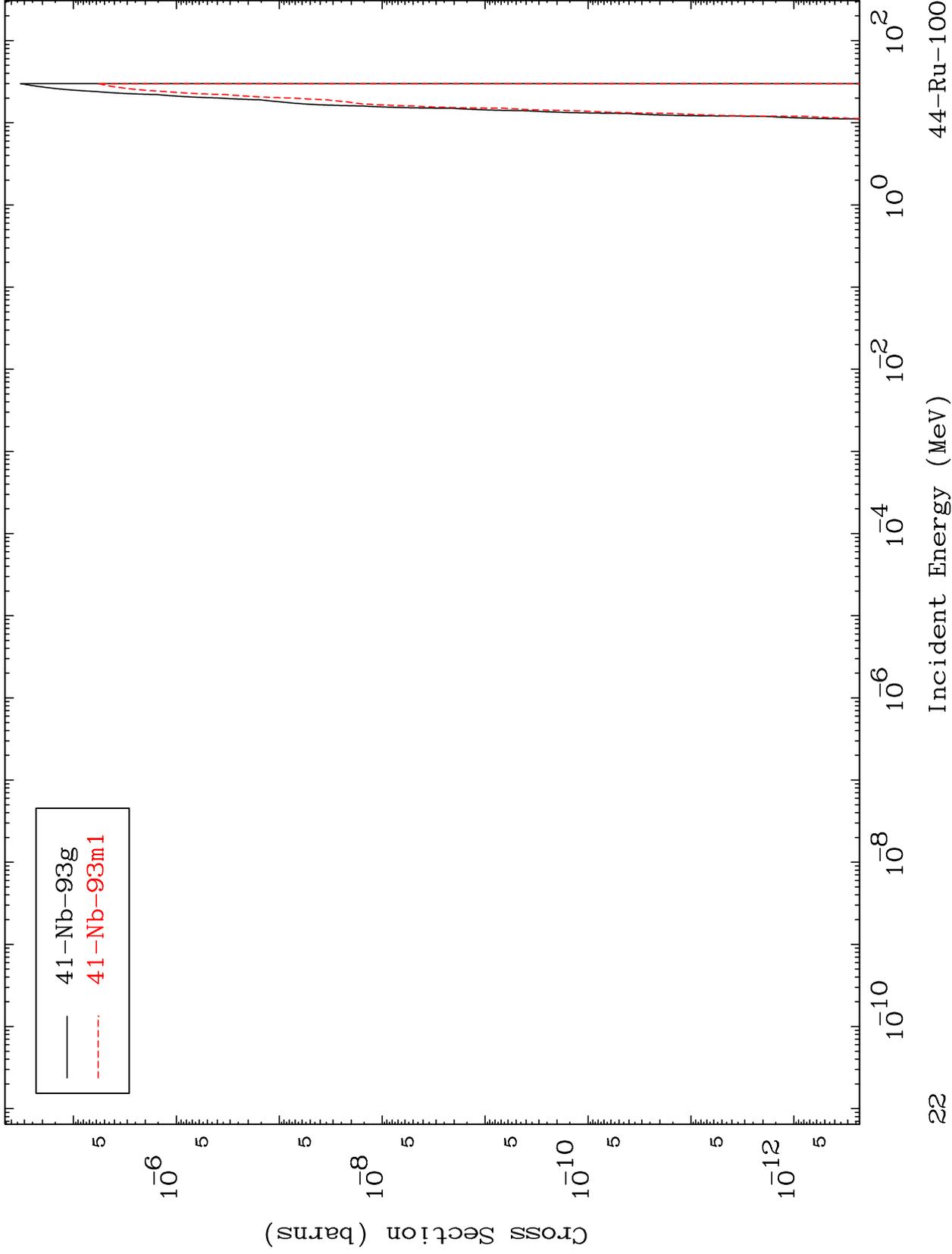
44-Ru-100

Incident Energy (MeV)

MAT 4437

44-Ru-100

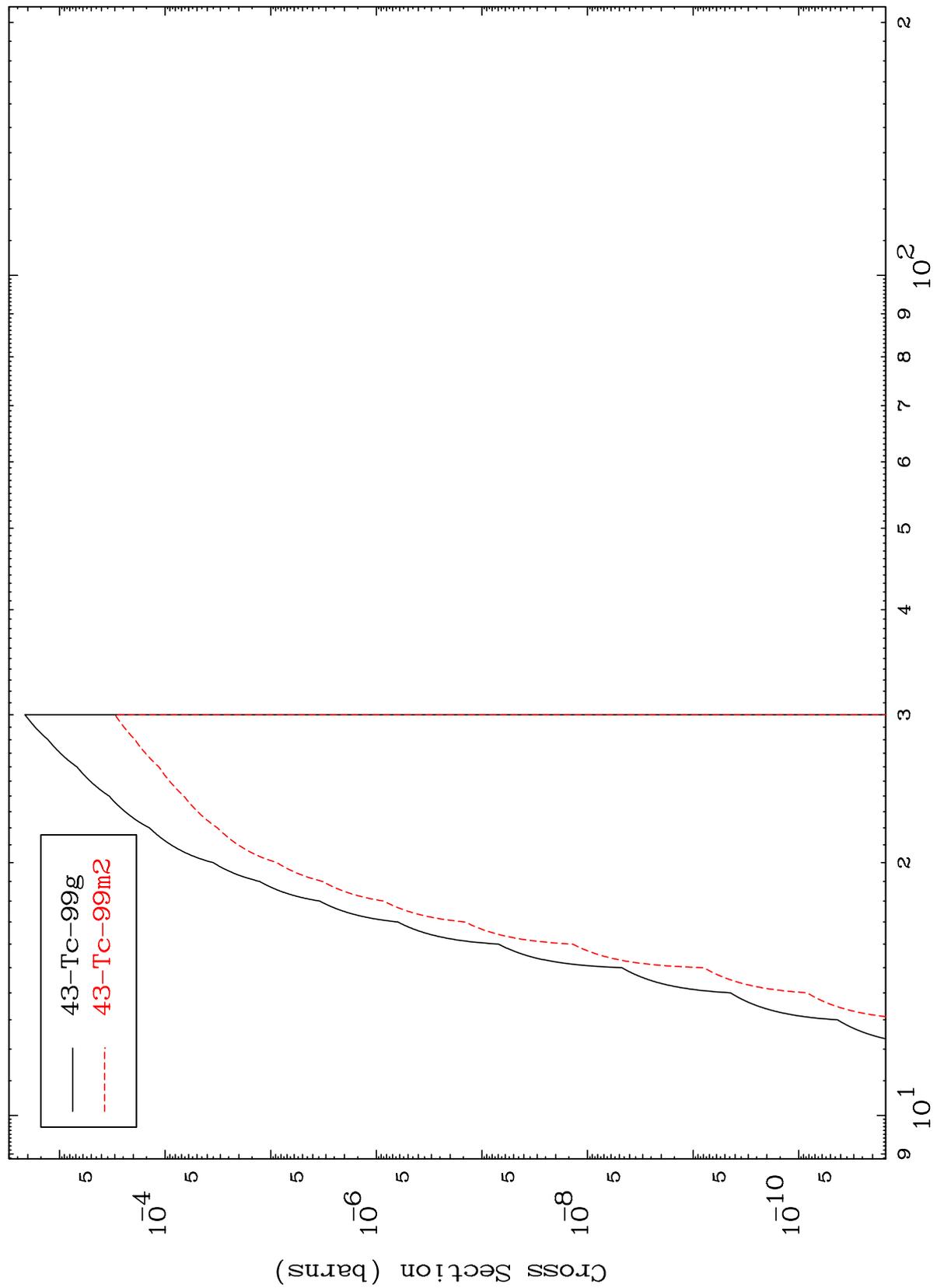
(p,2 $\alpha$ )  
Radionuclide Production Cross Section



MAT 4437

44-Ru-100

(p,2p)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

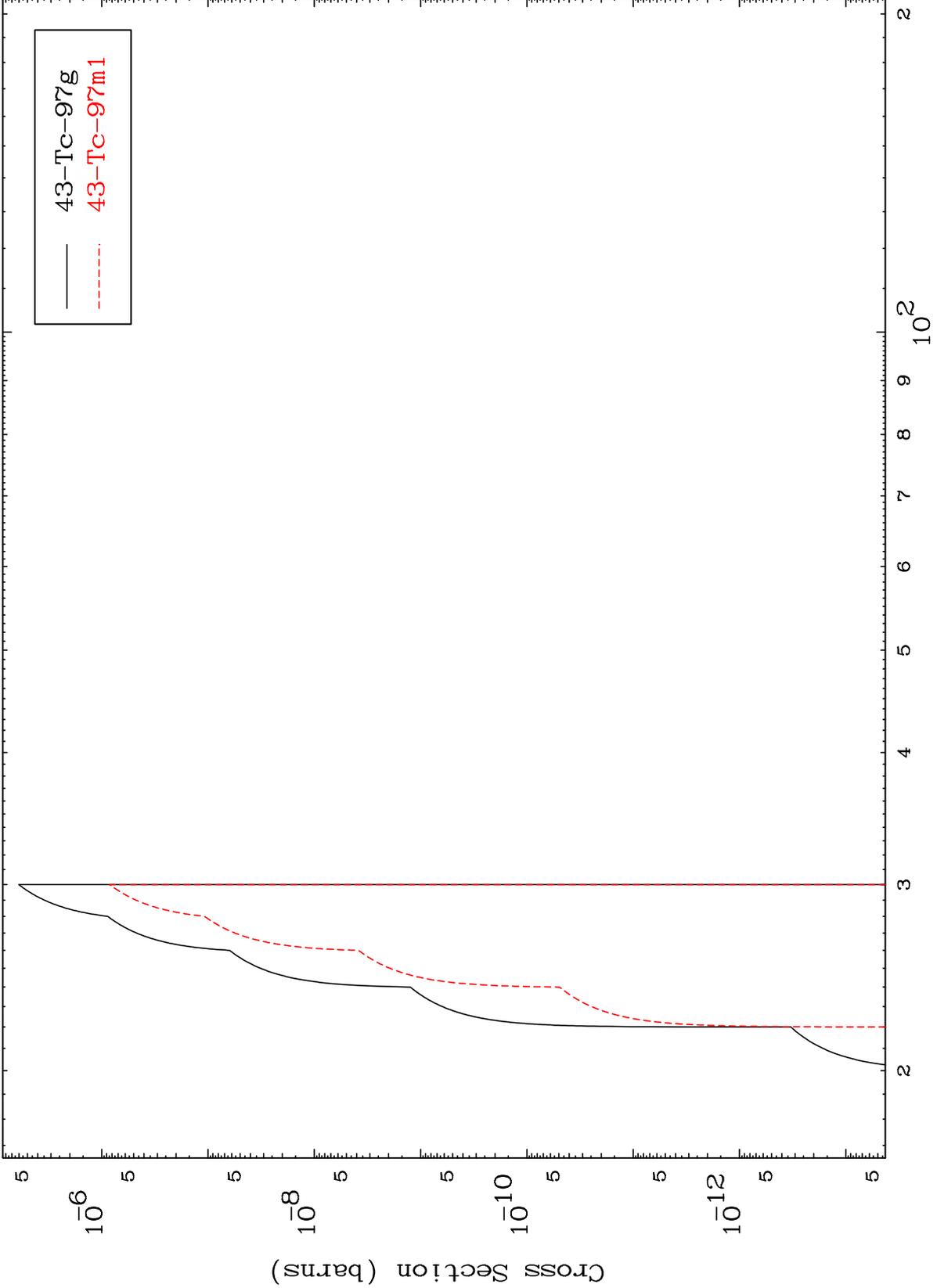
44-Ru-100

MAT 4437

(p,p) t

44-Ru-100

Radionuclide Production Cross Section



24

Incident Energy (MeV)

44-Ru-100