

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

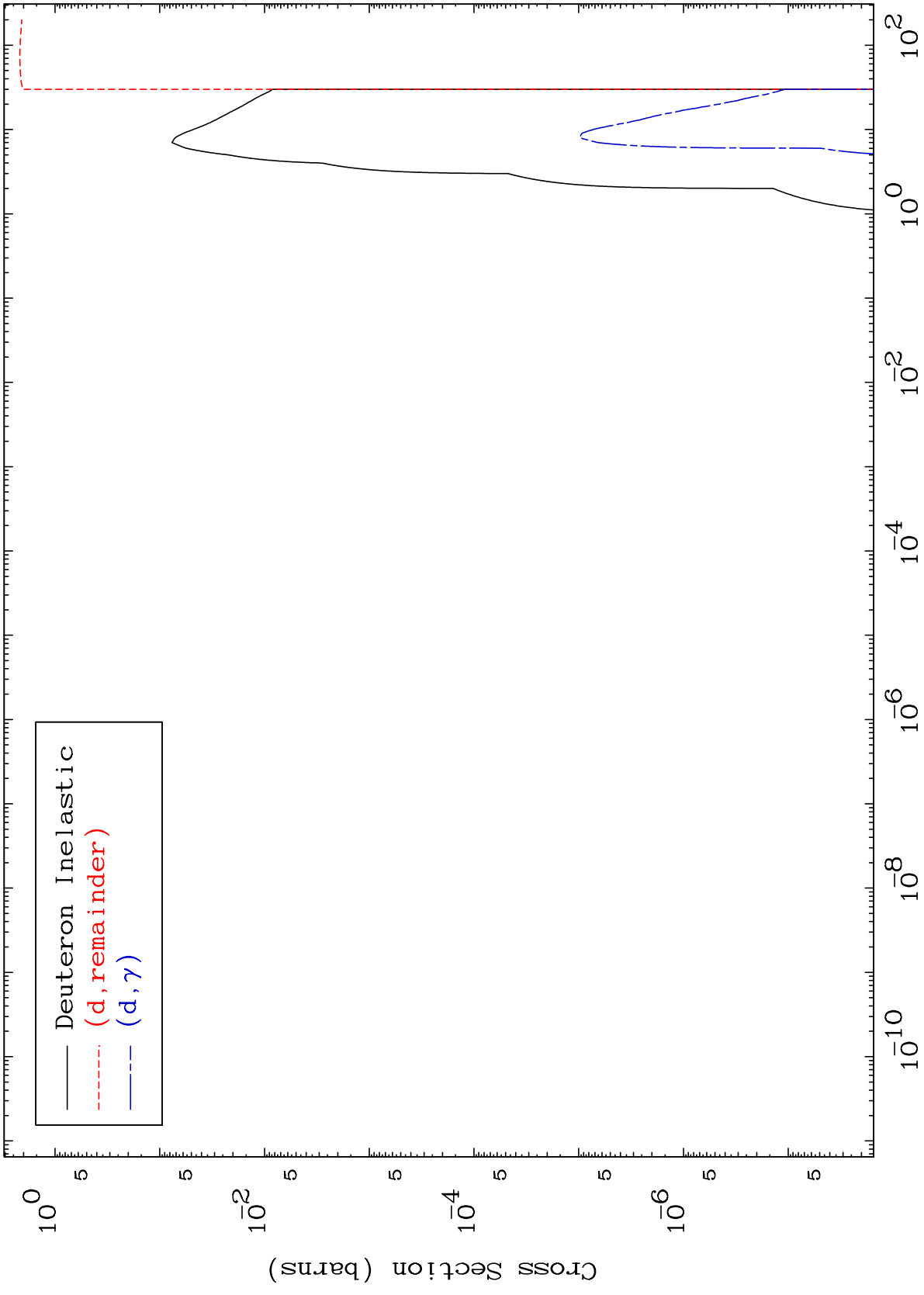
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4449

Deuteron Major  
0 Kelvin Cross Sections

44-Ru-104



1

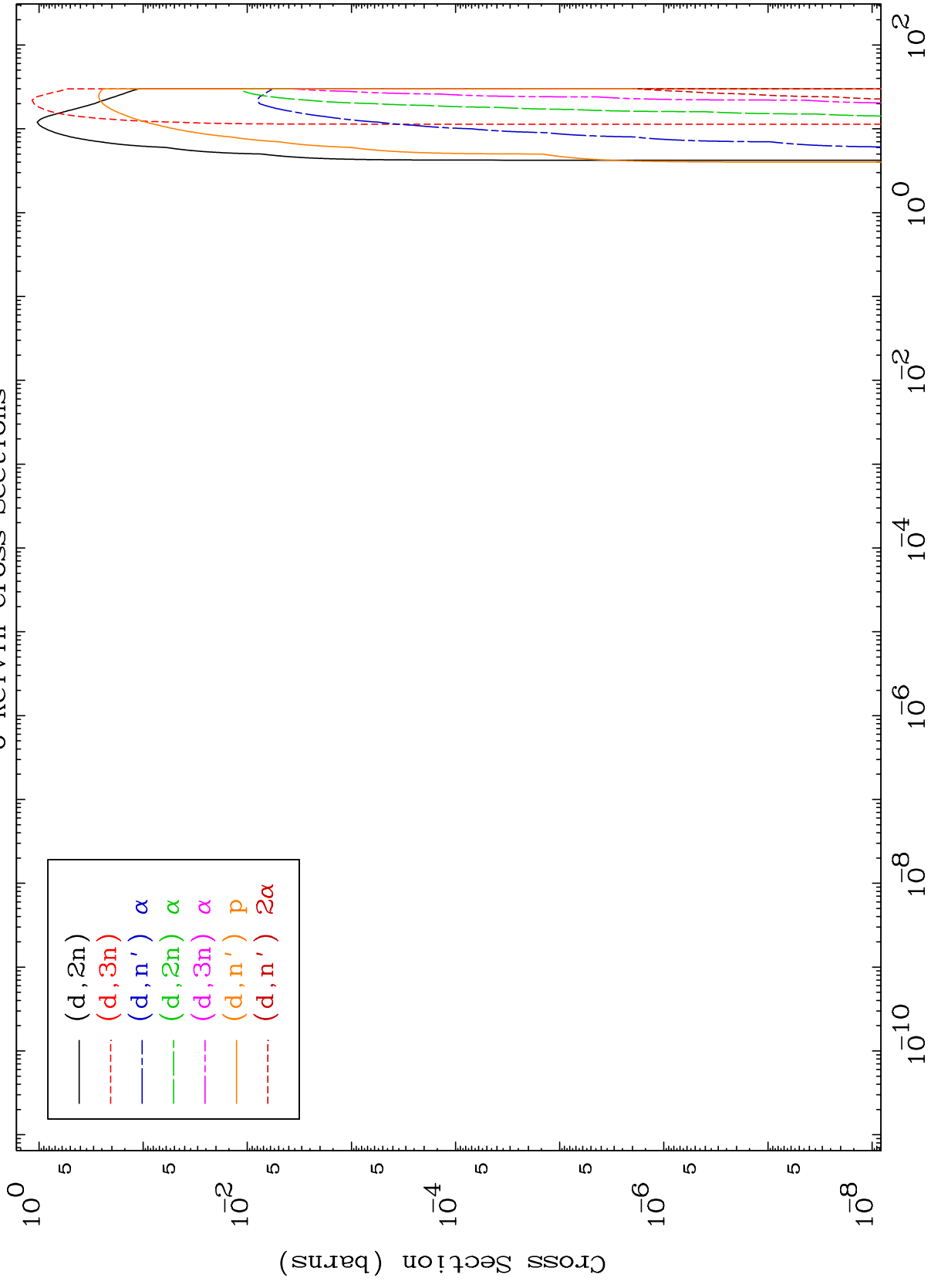
Incident Energy (MeV)

44-Ru-104

MAT 4449

Deuteron Neutron Production  
0 Kelvin Cross Sections

44-Ru-104

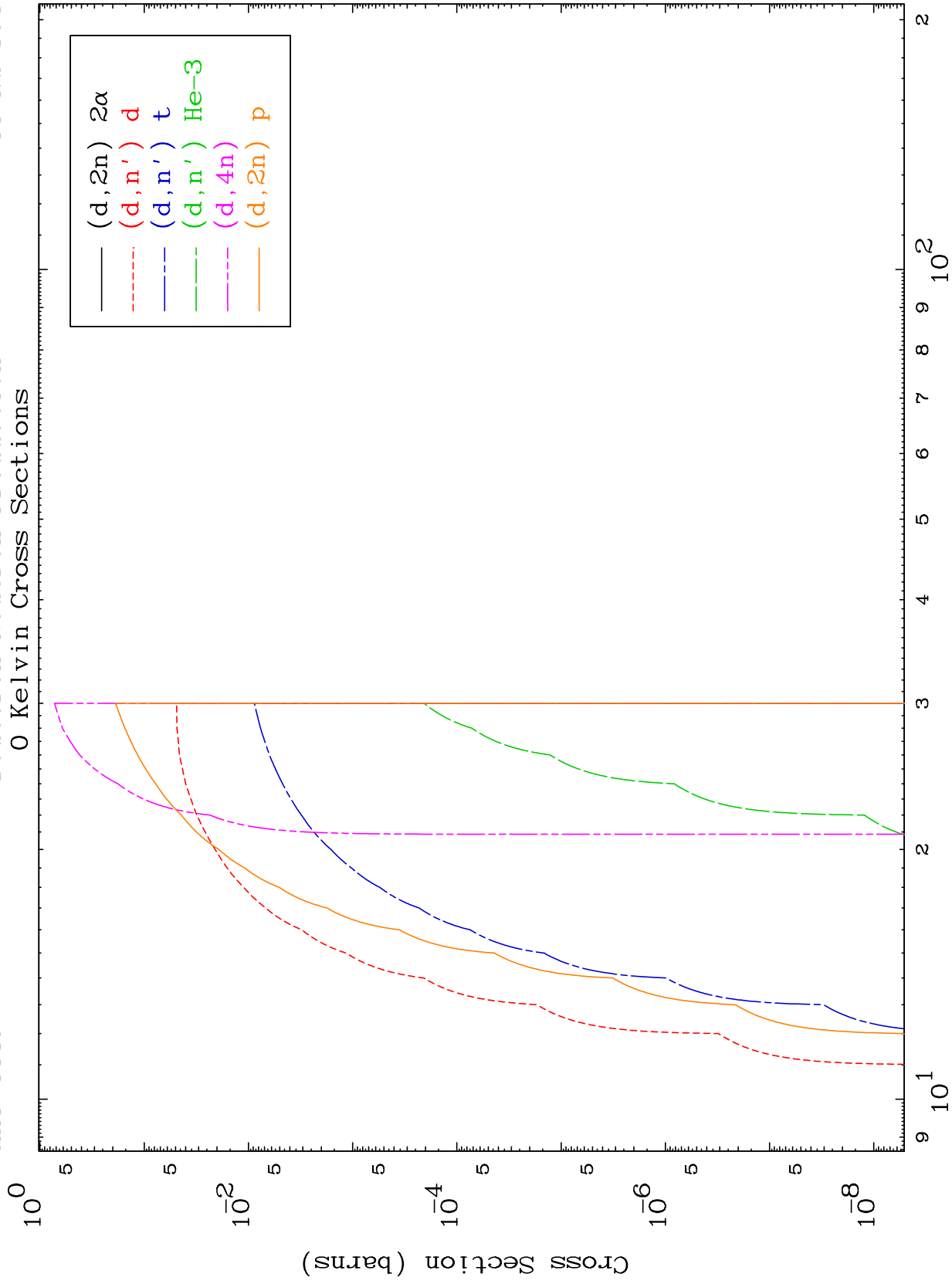


44-Ru-104

MAT 4449

Deuteron Neutron Production  
0 Kelvin Cross Sections

44-Ru-104



44-Ru-104

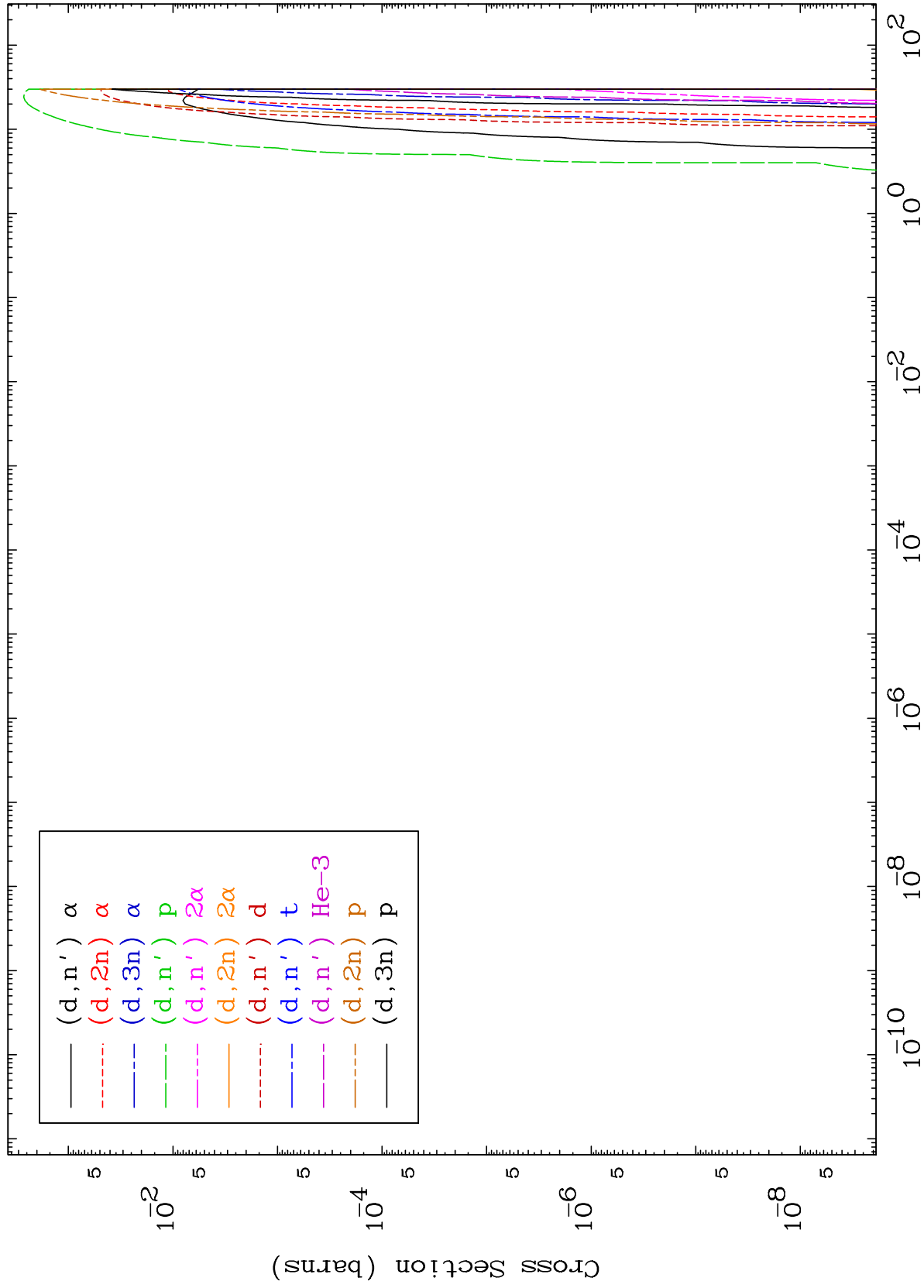
Incident Energy (MeV)

3

MAT 4449

Deuteron Charged Particle  
0 Kelvin Cross Sections

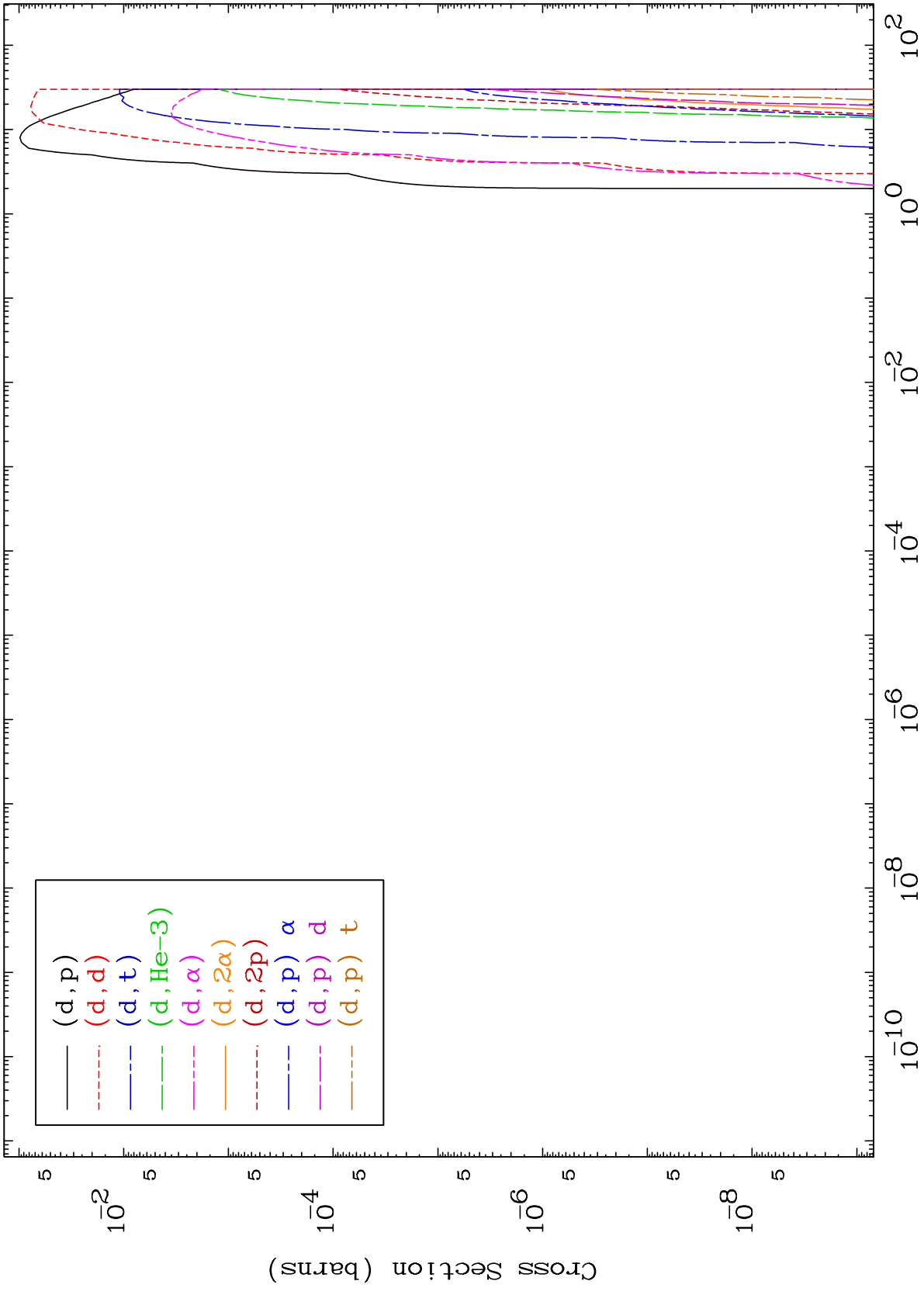
44-Ru-104



MAT 4449

Deuteron Charged Particle  
0 Kelvin Cross Sections

44-Ru-104



5

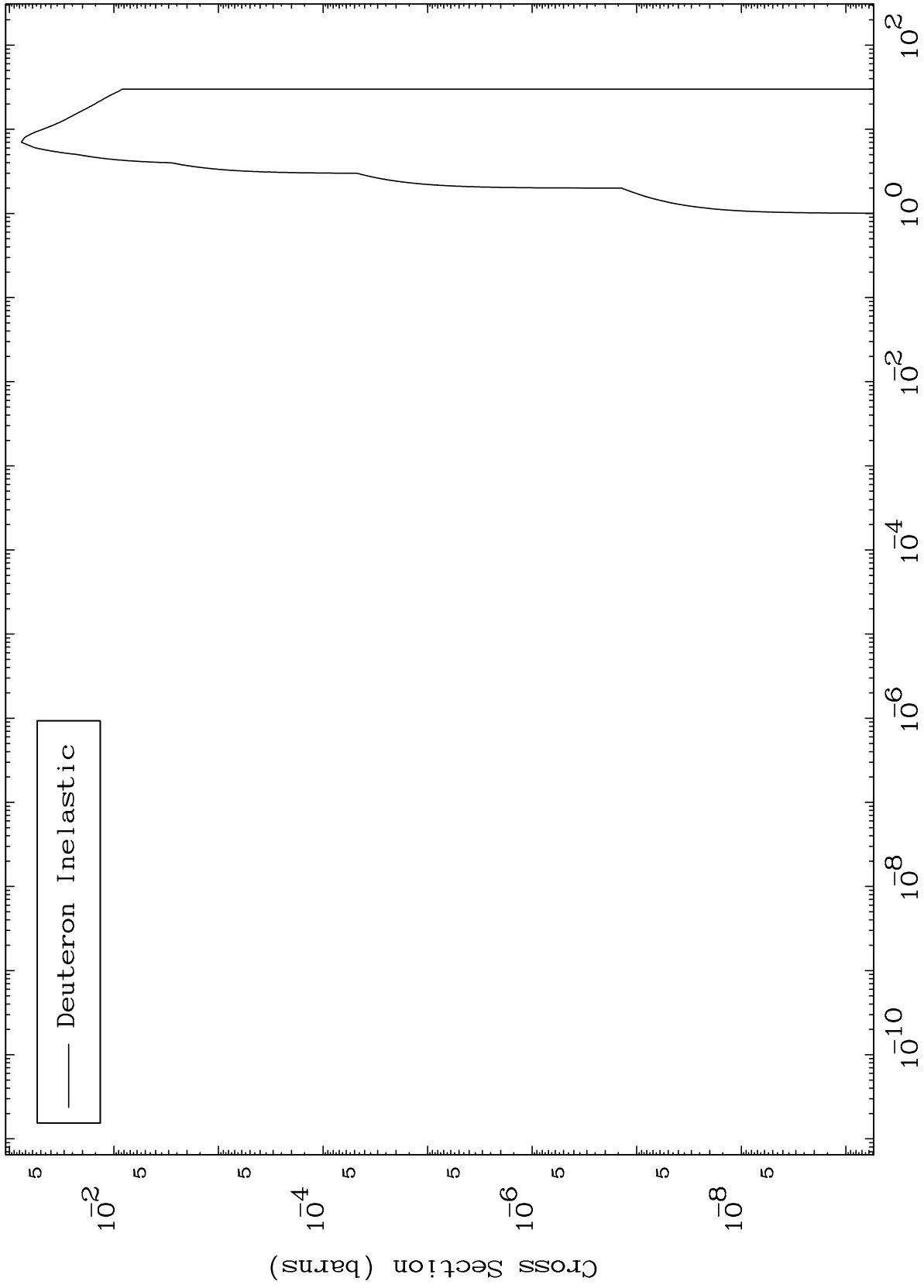
Incident Energy (MeV)

44-Ru-104

MAT 4449

(d,n') Level  
0 Kelvin Cross Sections

44-Ru-104



6

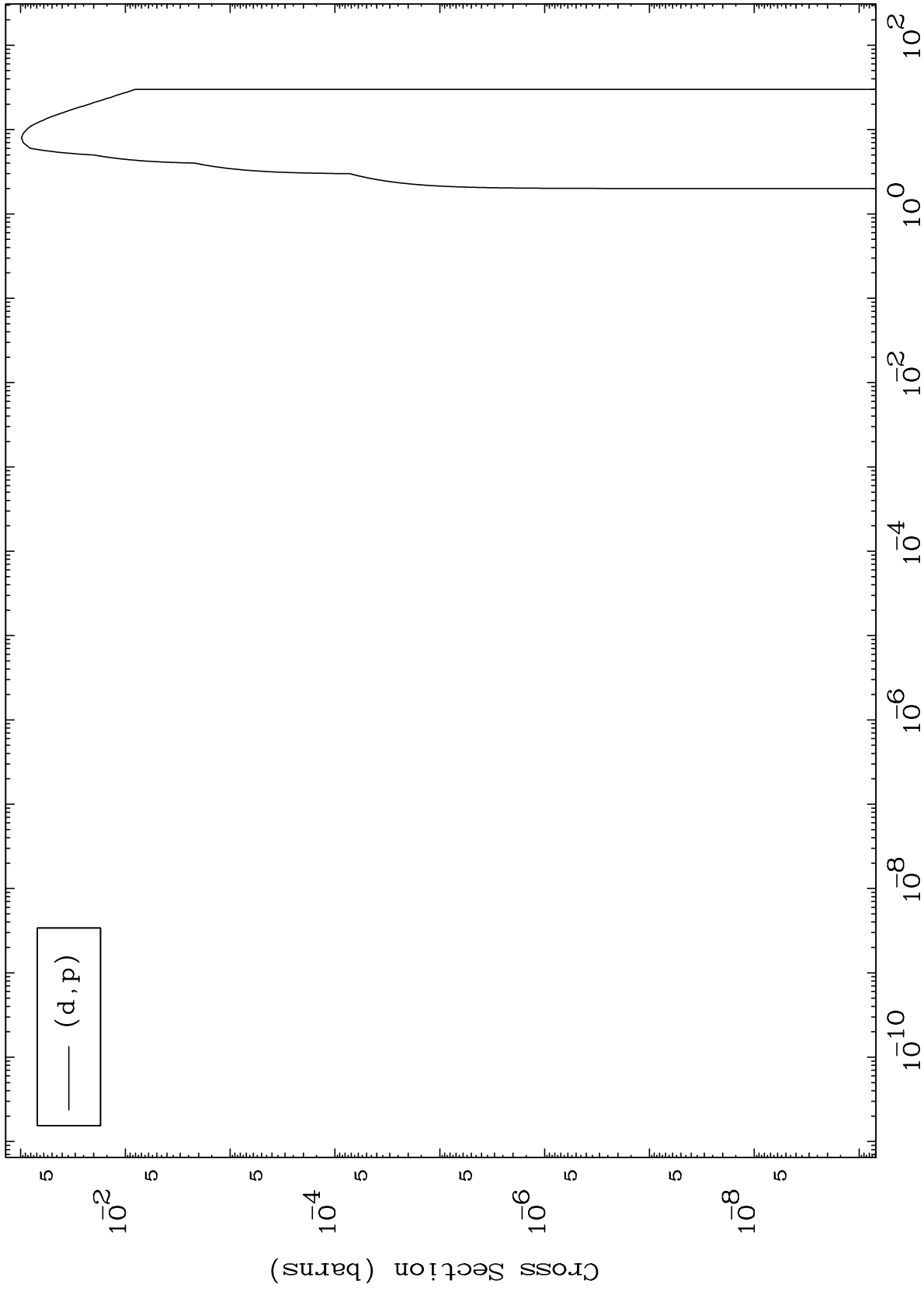
Incident Energy (MeV)

44-Ru-104

MAT 4449

(d,p) Levels  
0 Kelvin Cross Sections

44-Ru-104

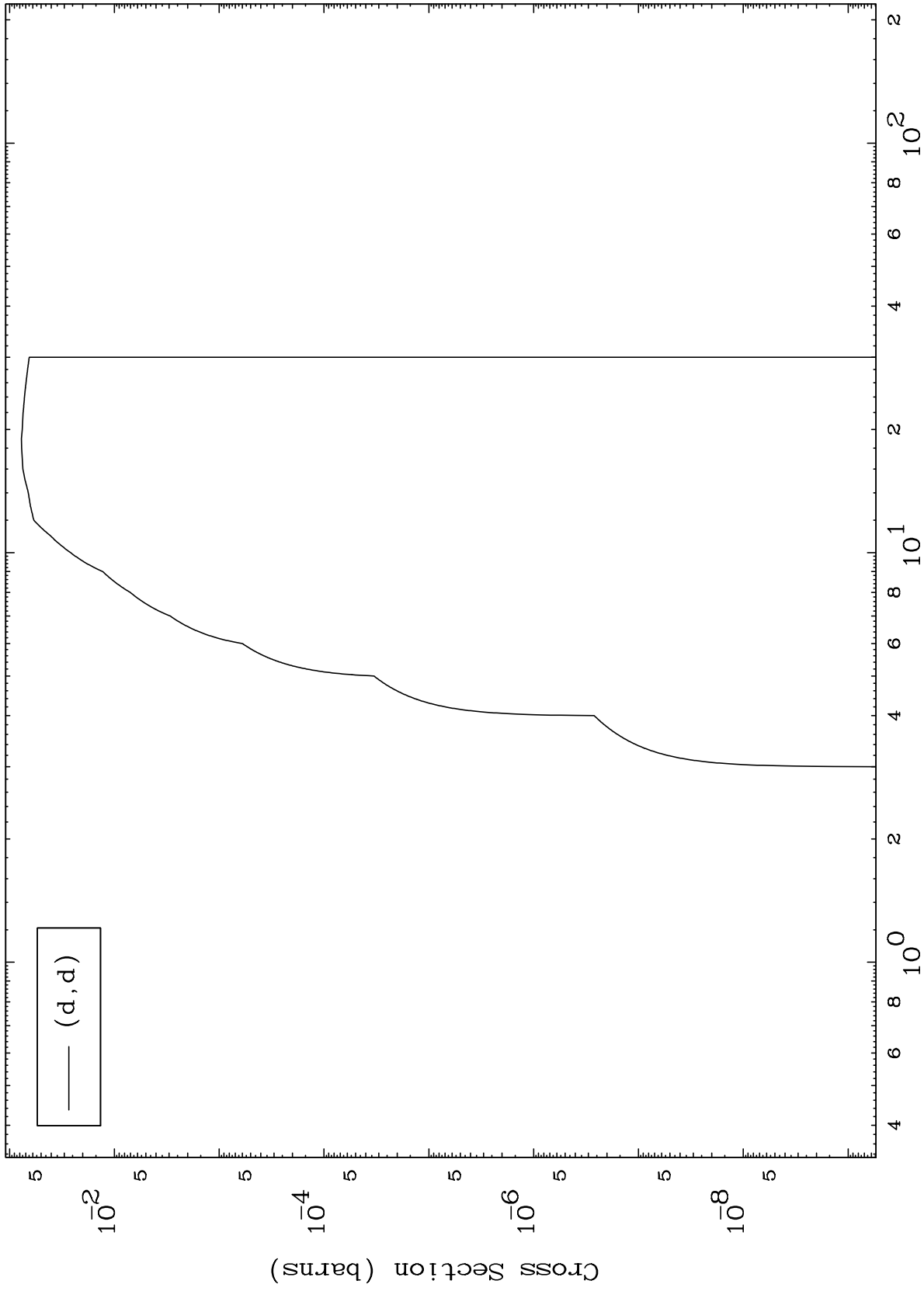




MAT 4449

(d,d) Levels  
0 Kelvin Cross Sections

44-Ru-104



8

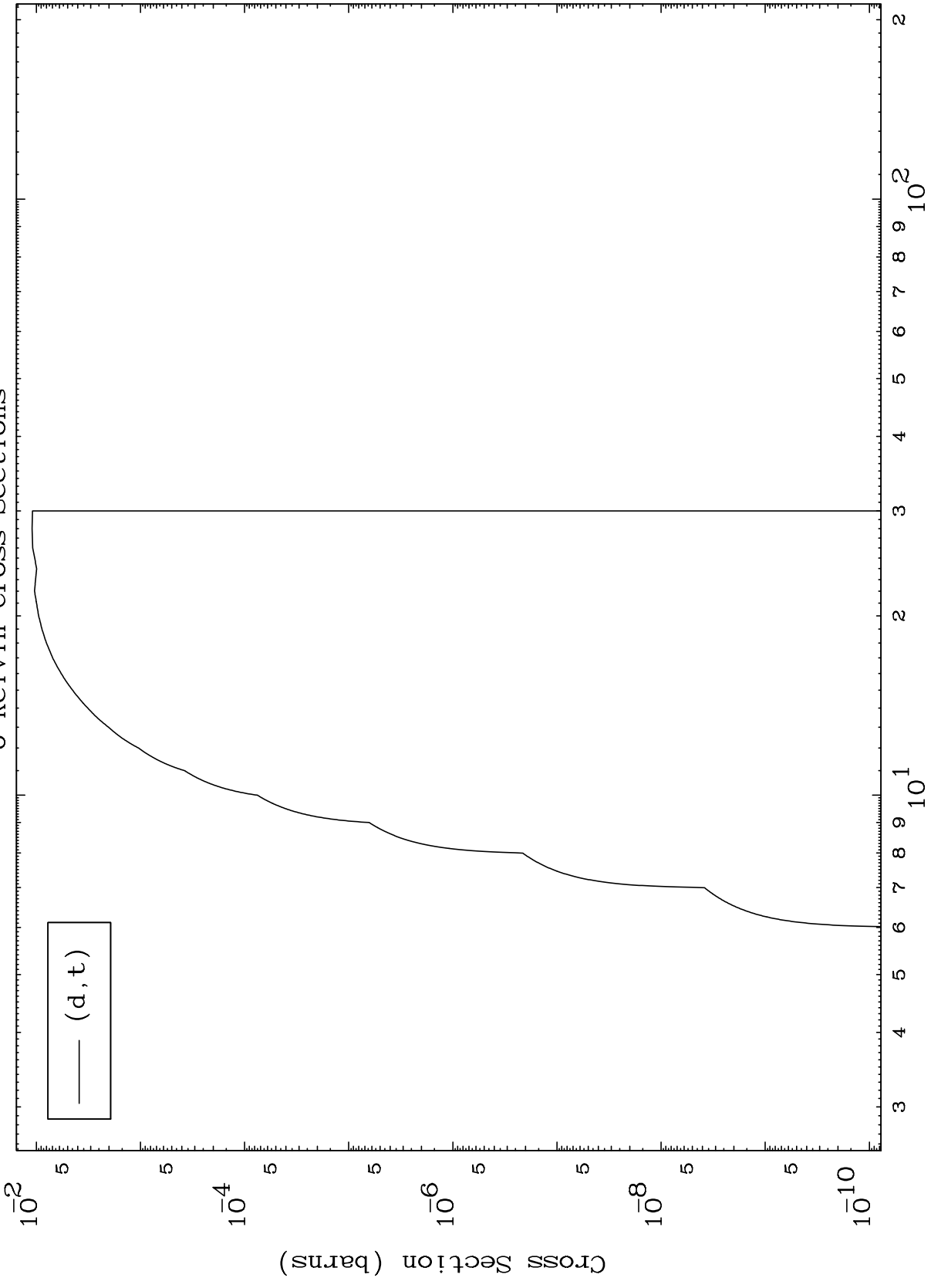
Incident Energy (MeV)

44-Ru-104

MAT 4449

(d,t) Levels  
0 Kelvin Cross Sections

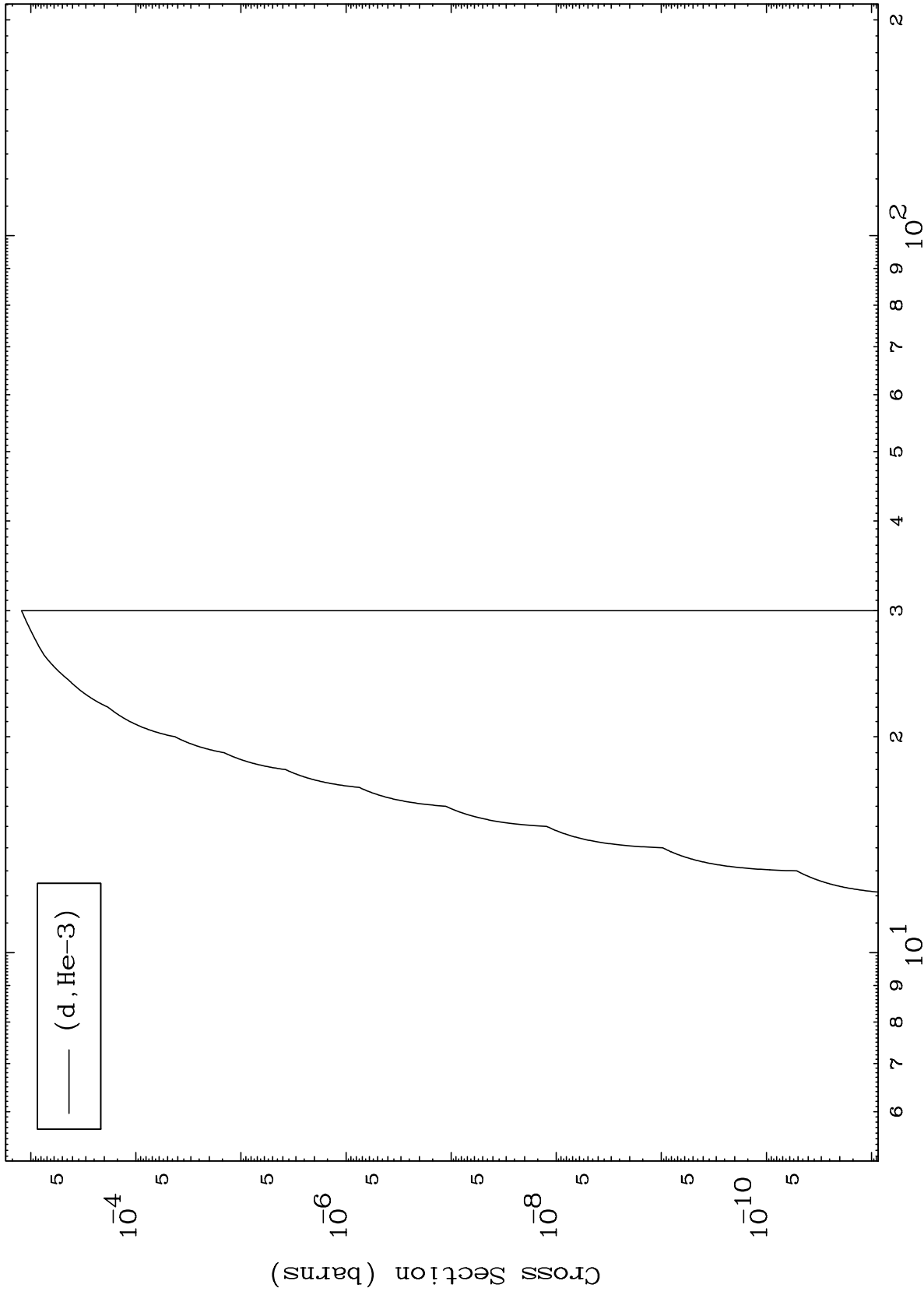
44-Ru-104



MAT 4449

(d,He3) Levels  
0 Kelvin Cross Sections

44-Ru-104



10

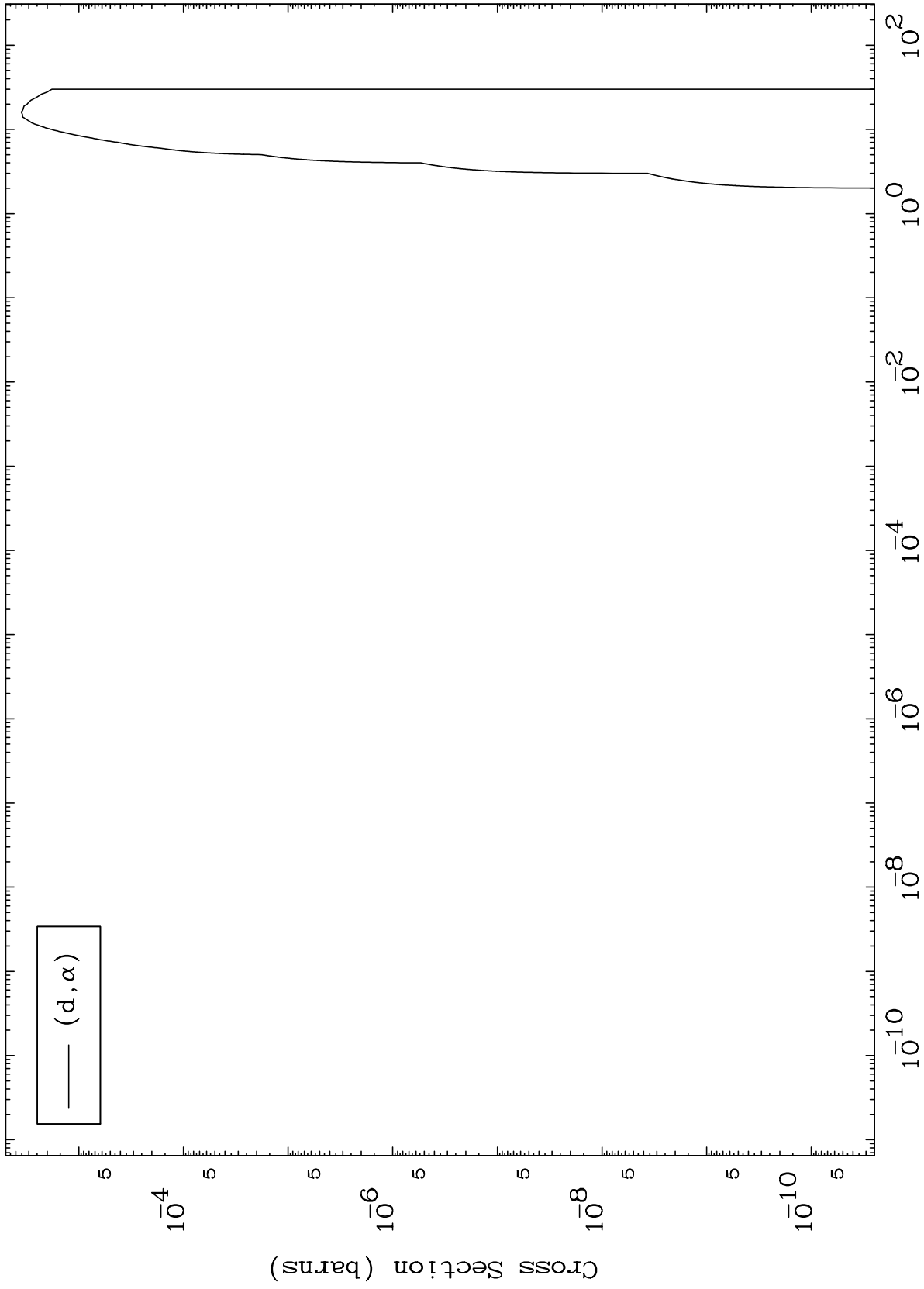
Incident Energy (MeV)

44-Ru-104

MAT 4449

(d,α) Levels  
0 Kelvin Cross Sections

44-Ru-104



11

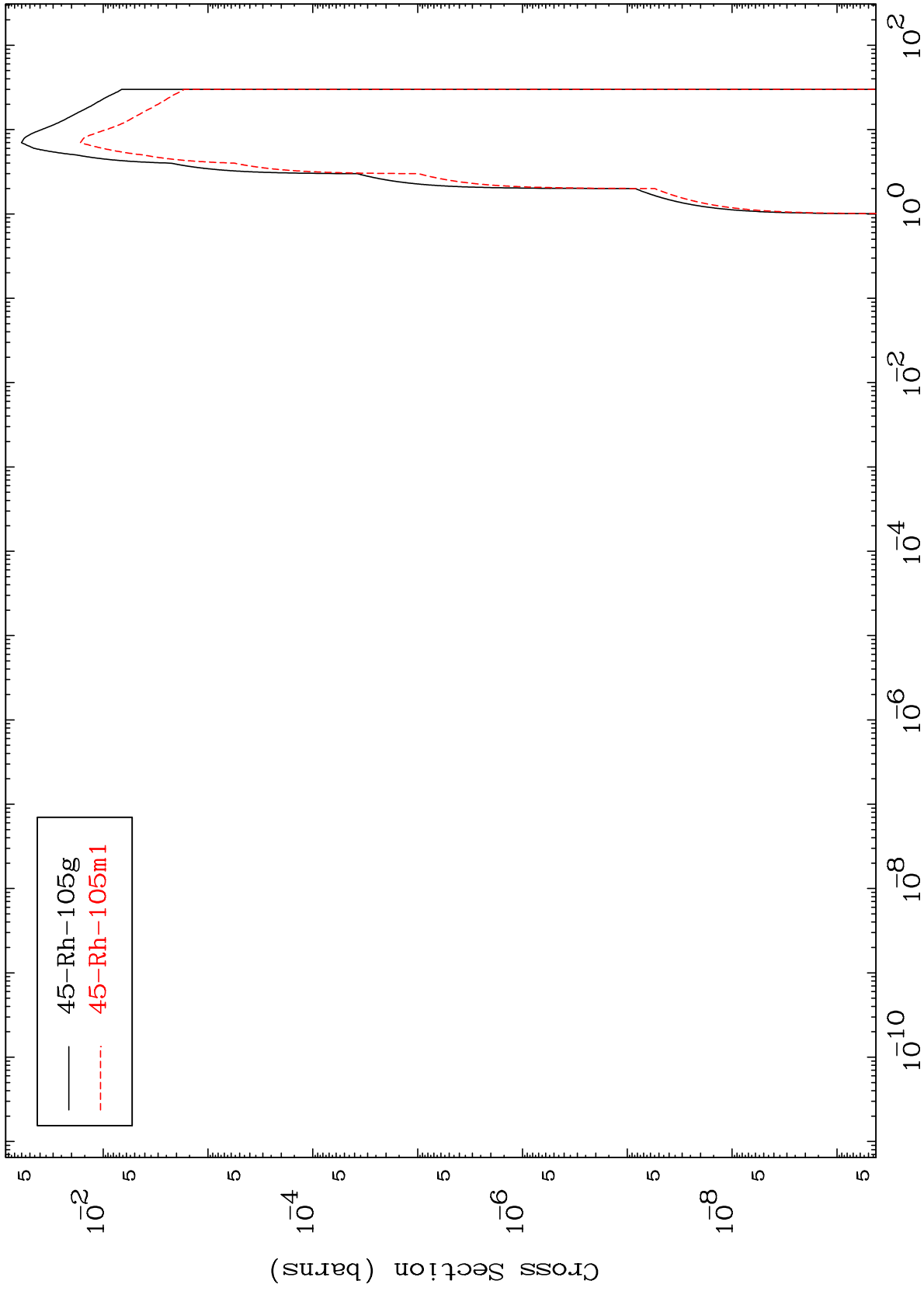
Incident Energy (MeV)

44-Ru-104

MAT 4449

Deuteron Inelastic  
Radionuclide Production Cross Section

44-Ru-104

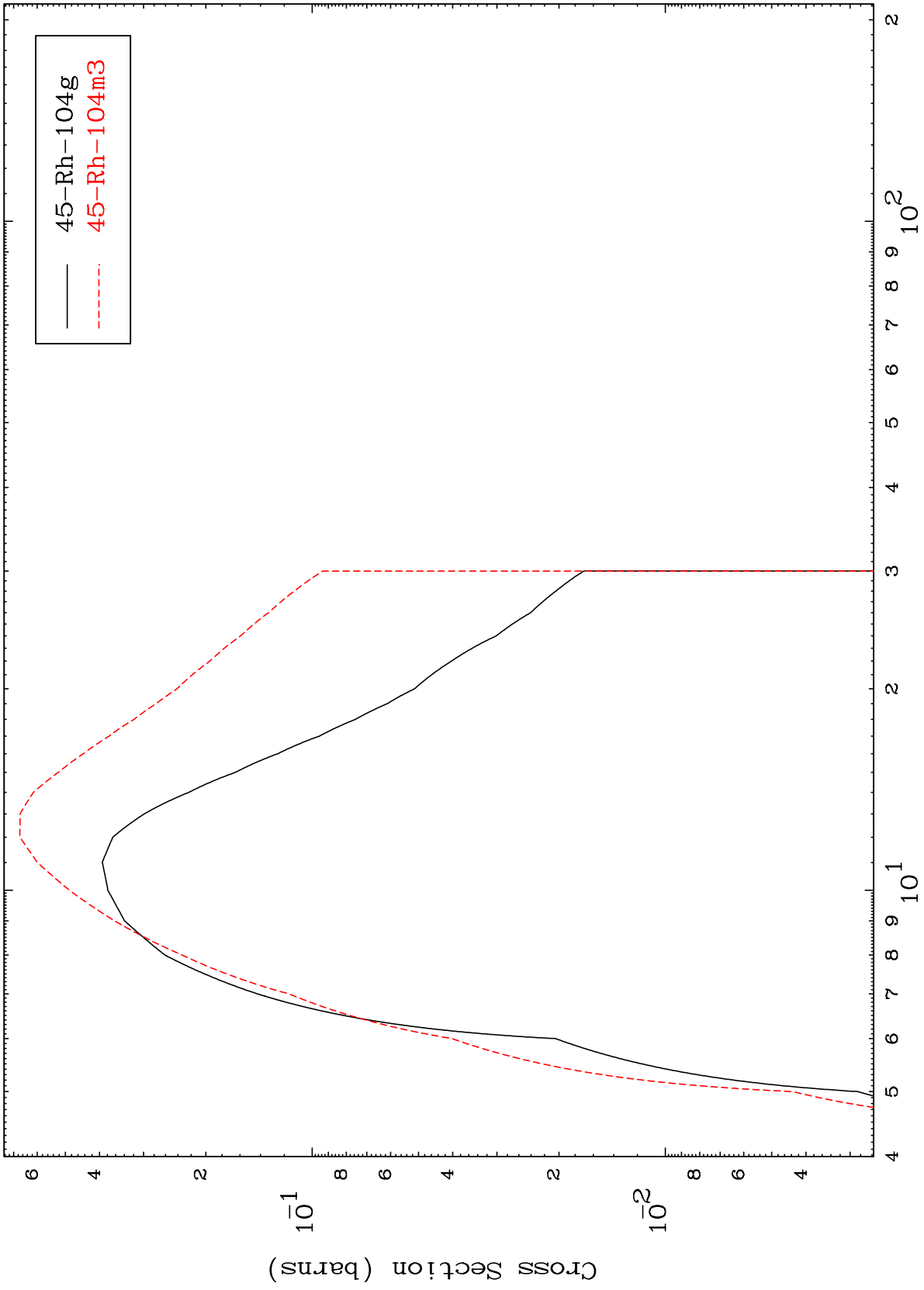


44-Ru-104

MAT 4449

44-Ru-104

(d,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

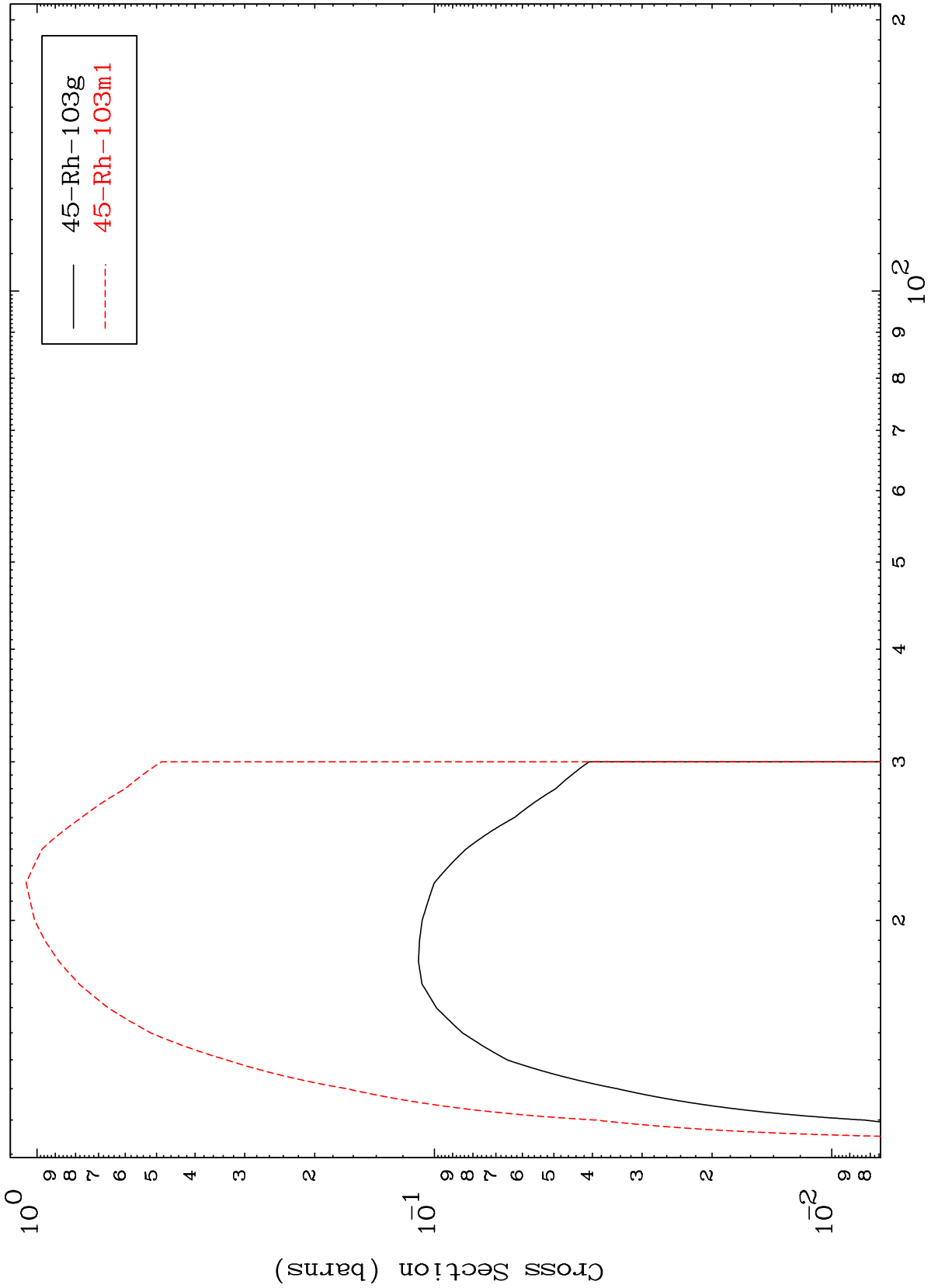
44-Ru-104

MAT 4449

(d,3n)

44-Ru-104

Radionuclide Production Cross Section



45-Rh-103g  
45-Rh-103m1

14

Incident Energy (MeV)

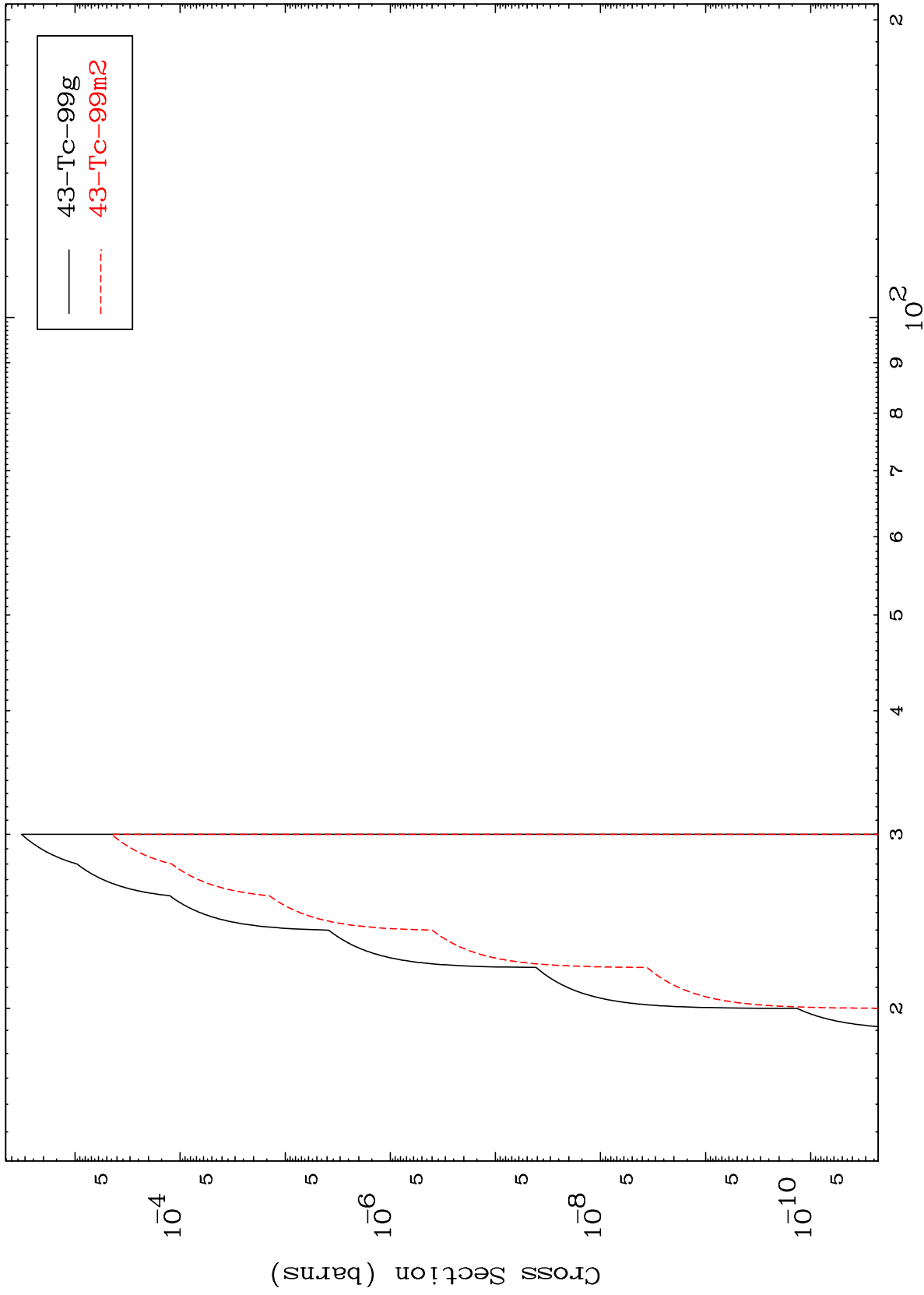
44-Ru-104

MAT 4449

(d,3n)  $\alpha$

44-Ru-104

Radionuclide Production Cross Section



15

Incident Energy (MeV)

44-Ru-104

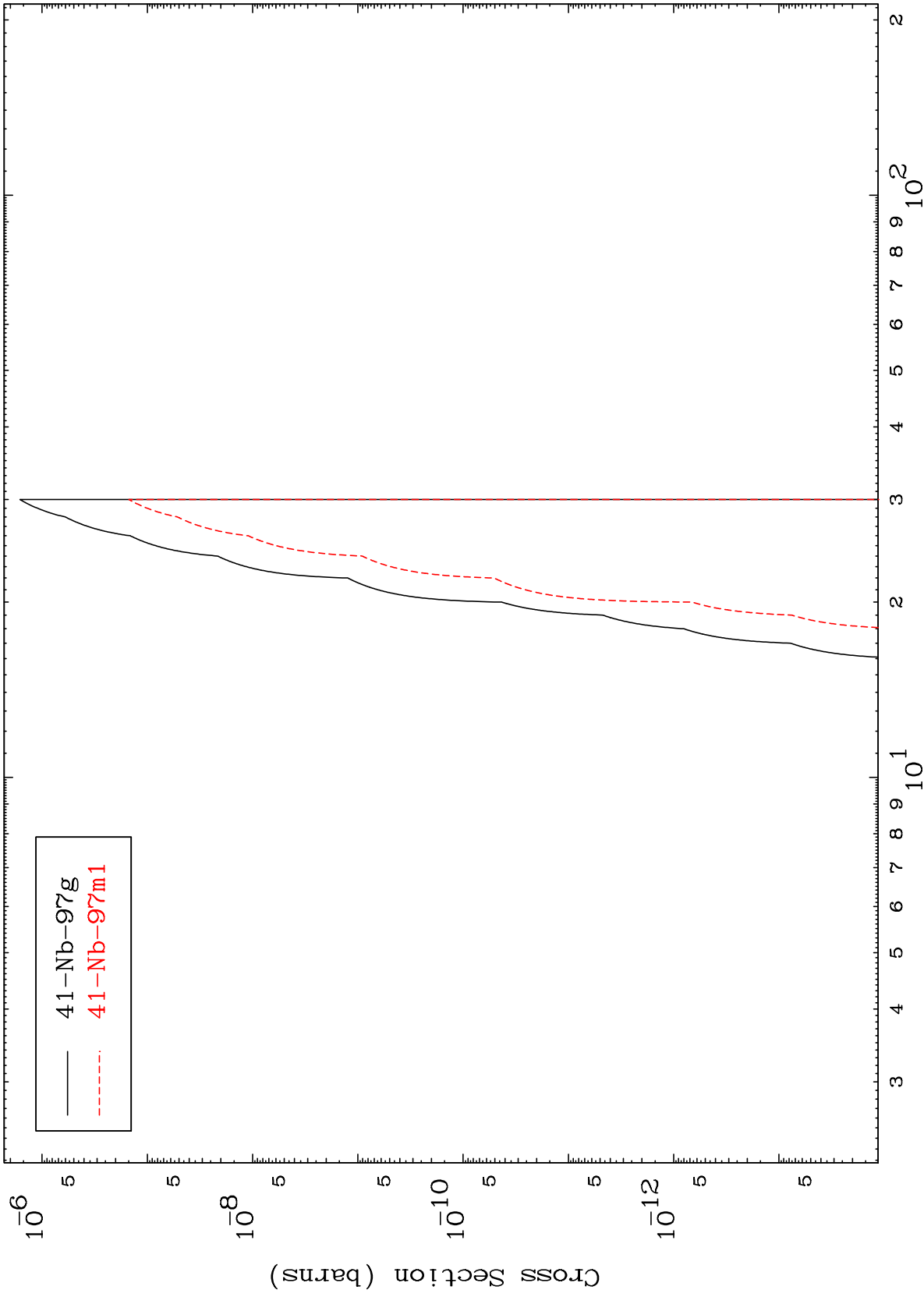


MAT 4449

(d,n') 2 $\alpha$

44-Ru-104

Radionuclide Production Cross Section



16

Incident Energy (MeV)

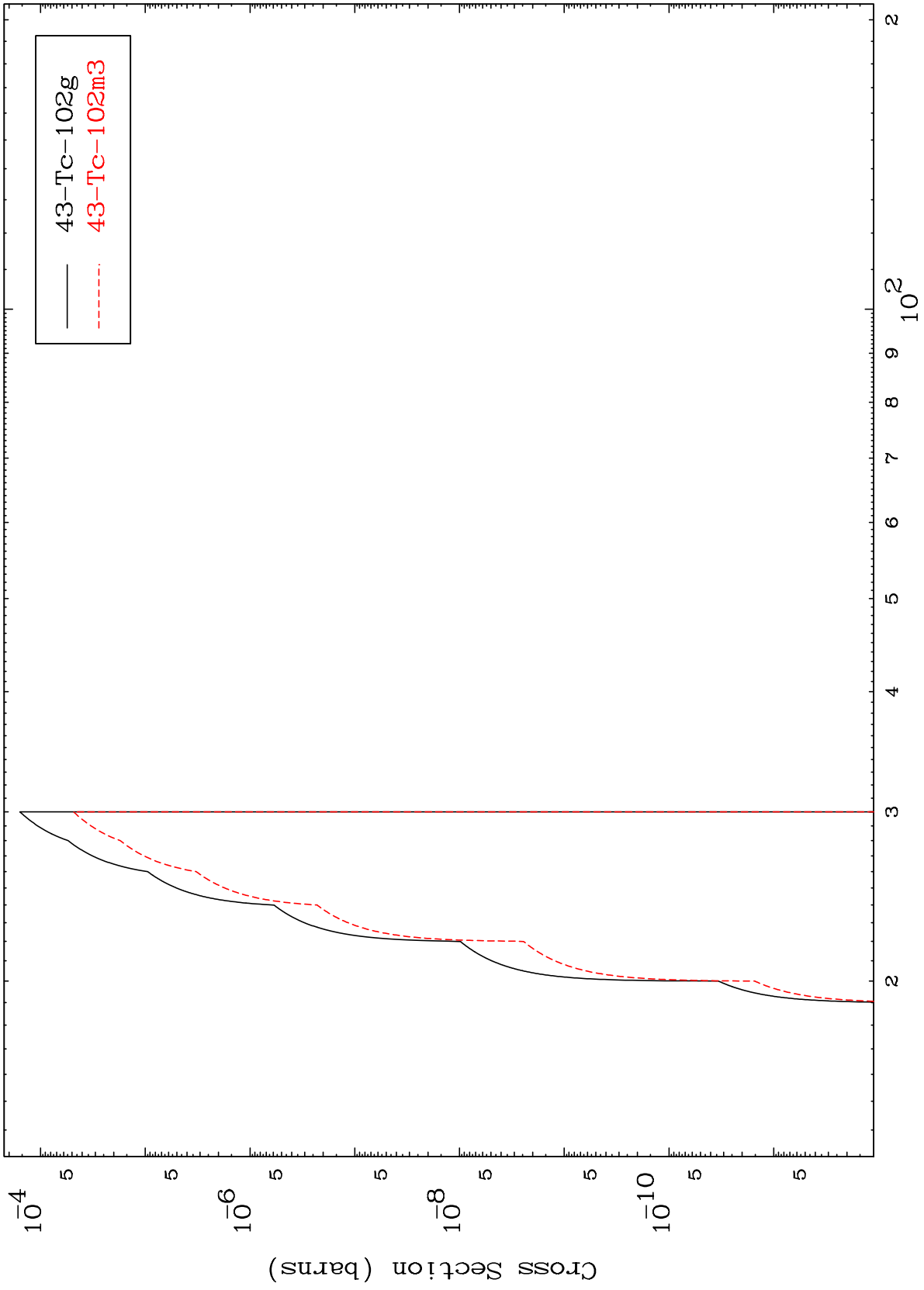
44-Ru-104

MAT 4449

(d, n') He-3

44-Ru-104

Radionuclide Production Cross Section



17

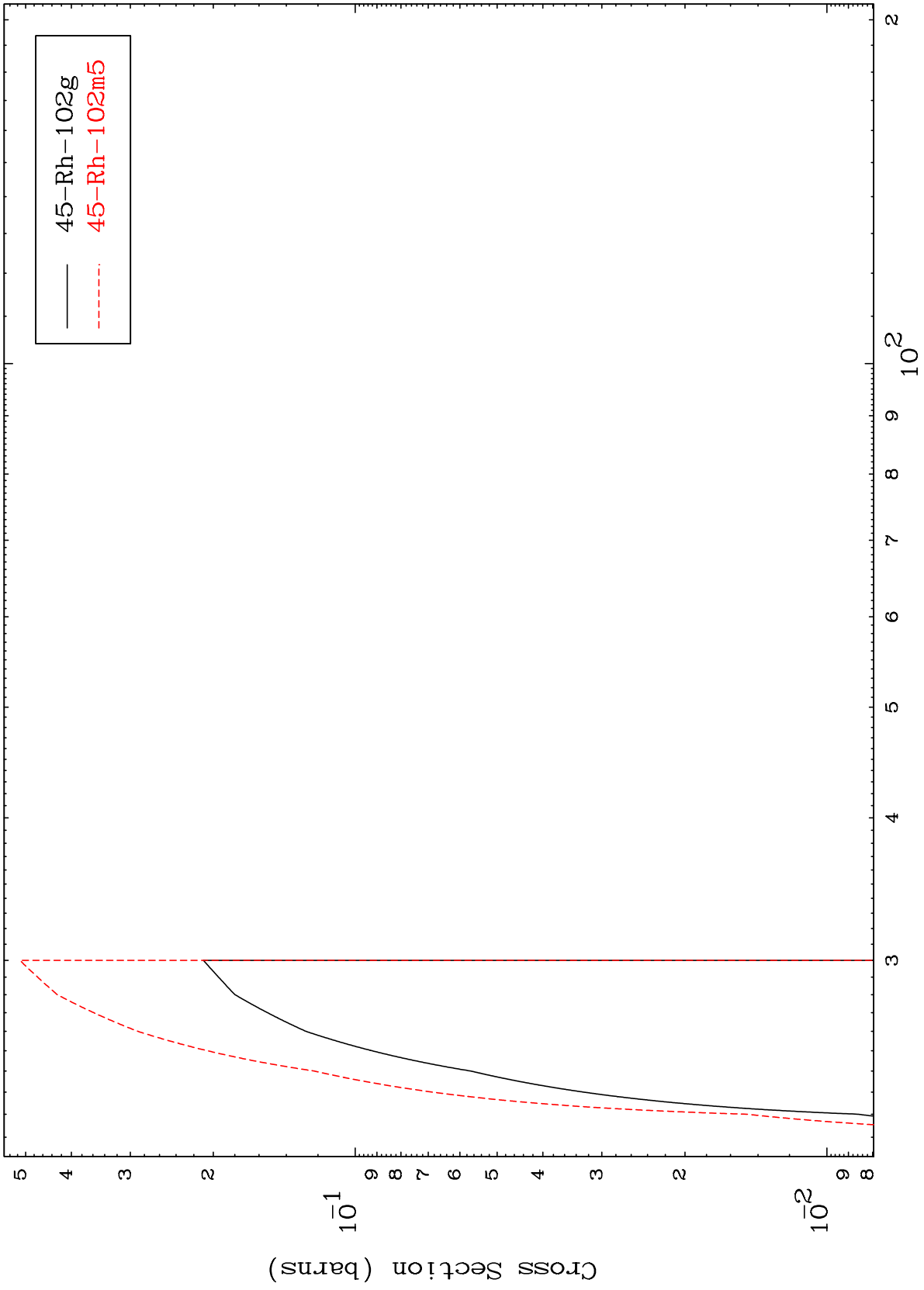
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

(d,4n)  
Radionuclide Production Cross Section



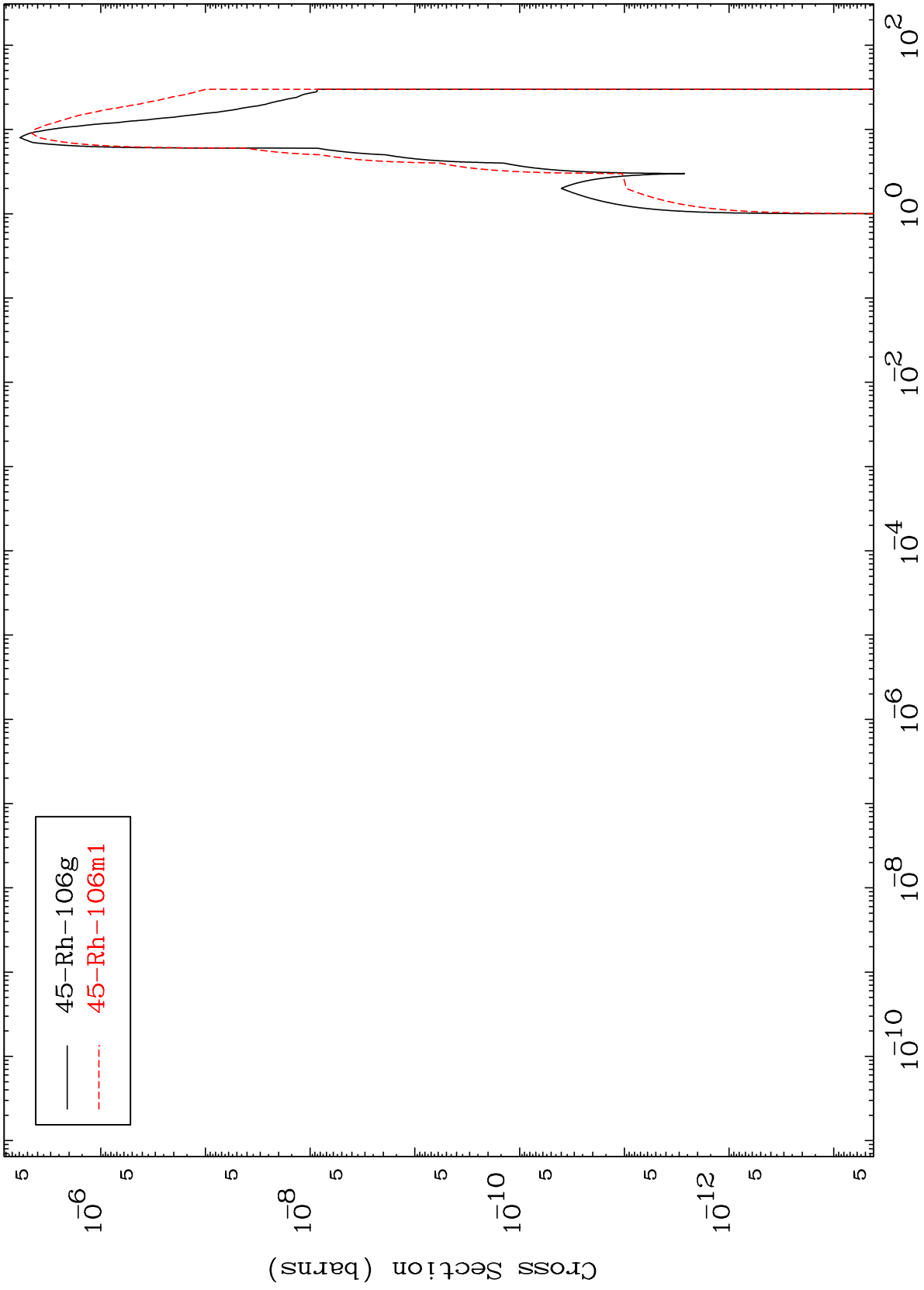
18

44-Ru-104

MAT 4449

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

44-Ru-104

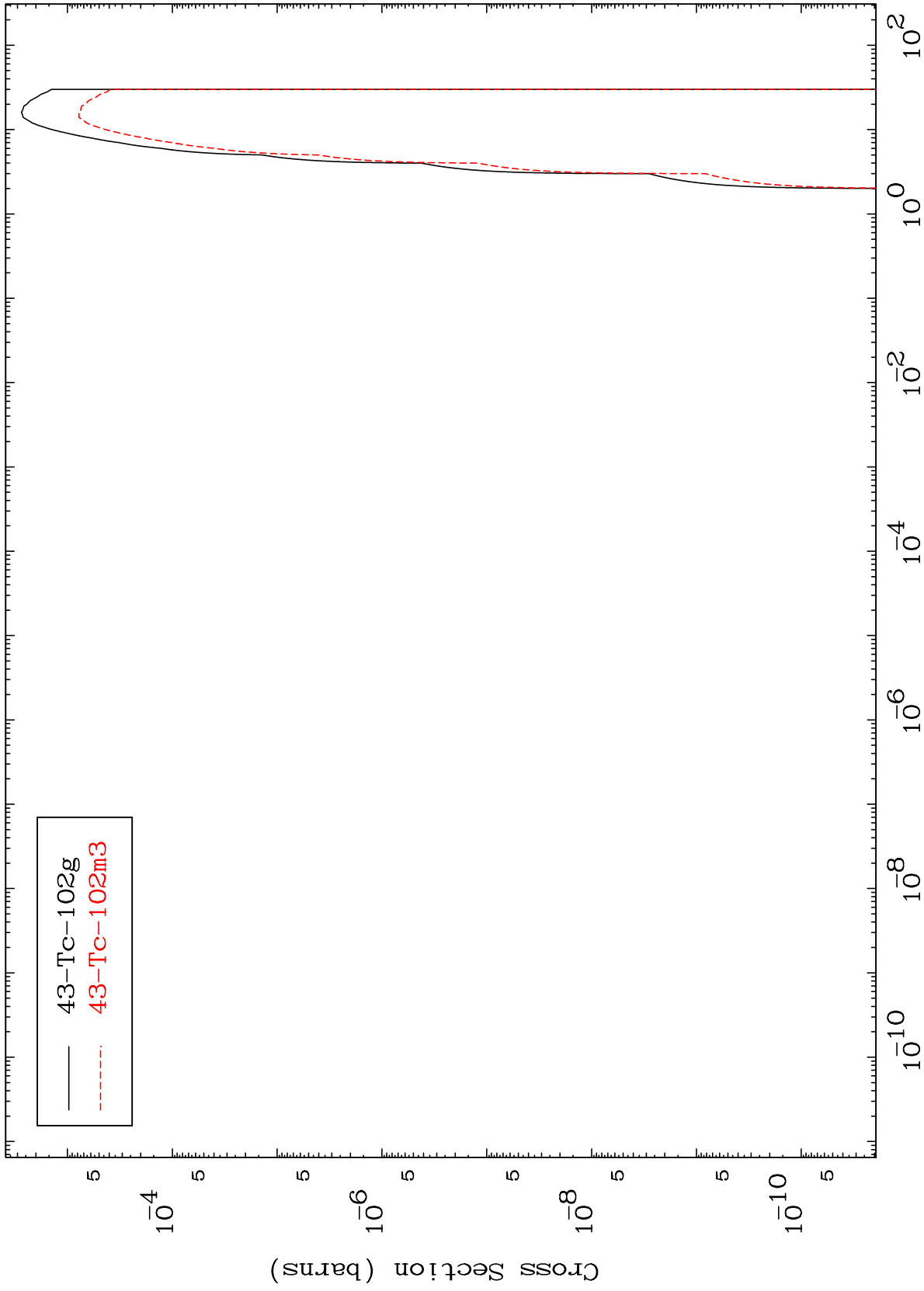


MAT 4449

(d,  $\alpha$ )

44-Ru-104

Radionuclide Production Cross Section



20

Incident Energy (MeV)

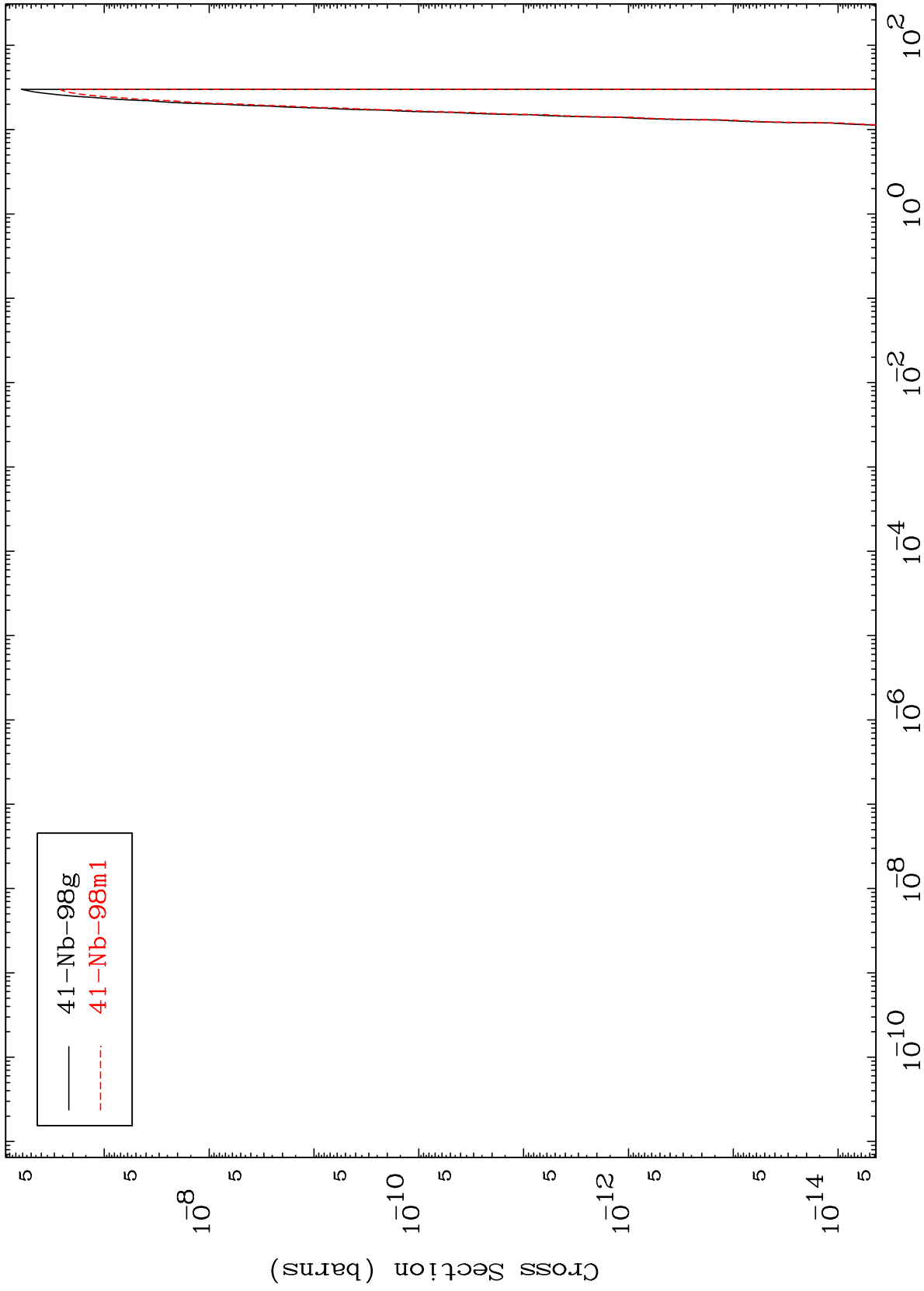
44-Ru-104

MAT 4449

(d,2α)

44-Ru-104

Radionuclide Production Cross Section



21

Incident Energy (MeV)

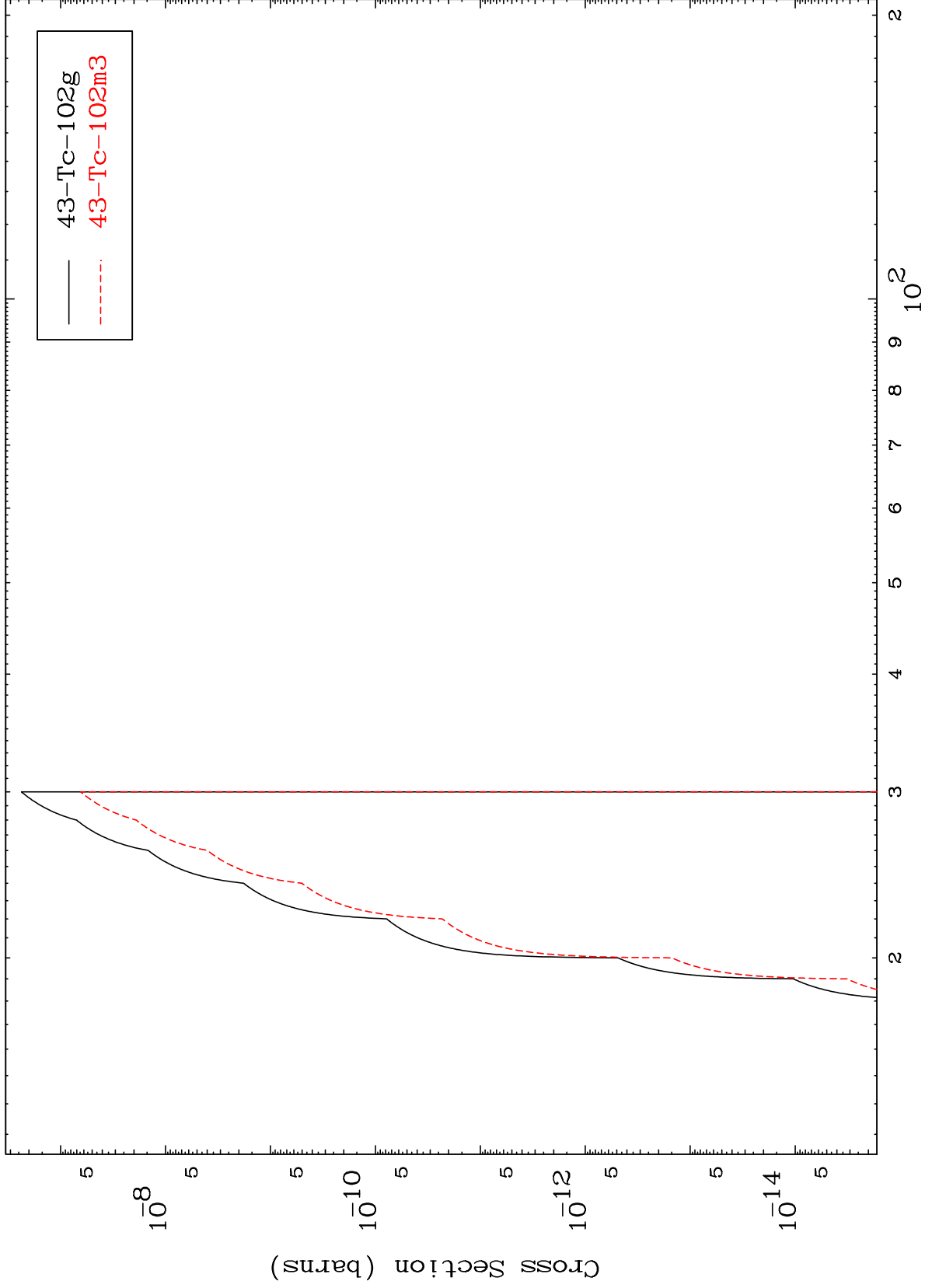
44-Ru-104

MAT 4449

(d,p) t

44-Ru-104

Radionuclide Production Cross Section



22

Incident Energy (MeV)

44-Ru-104