

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

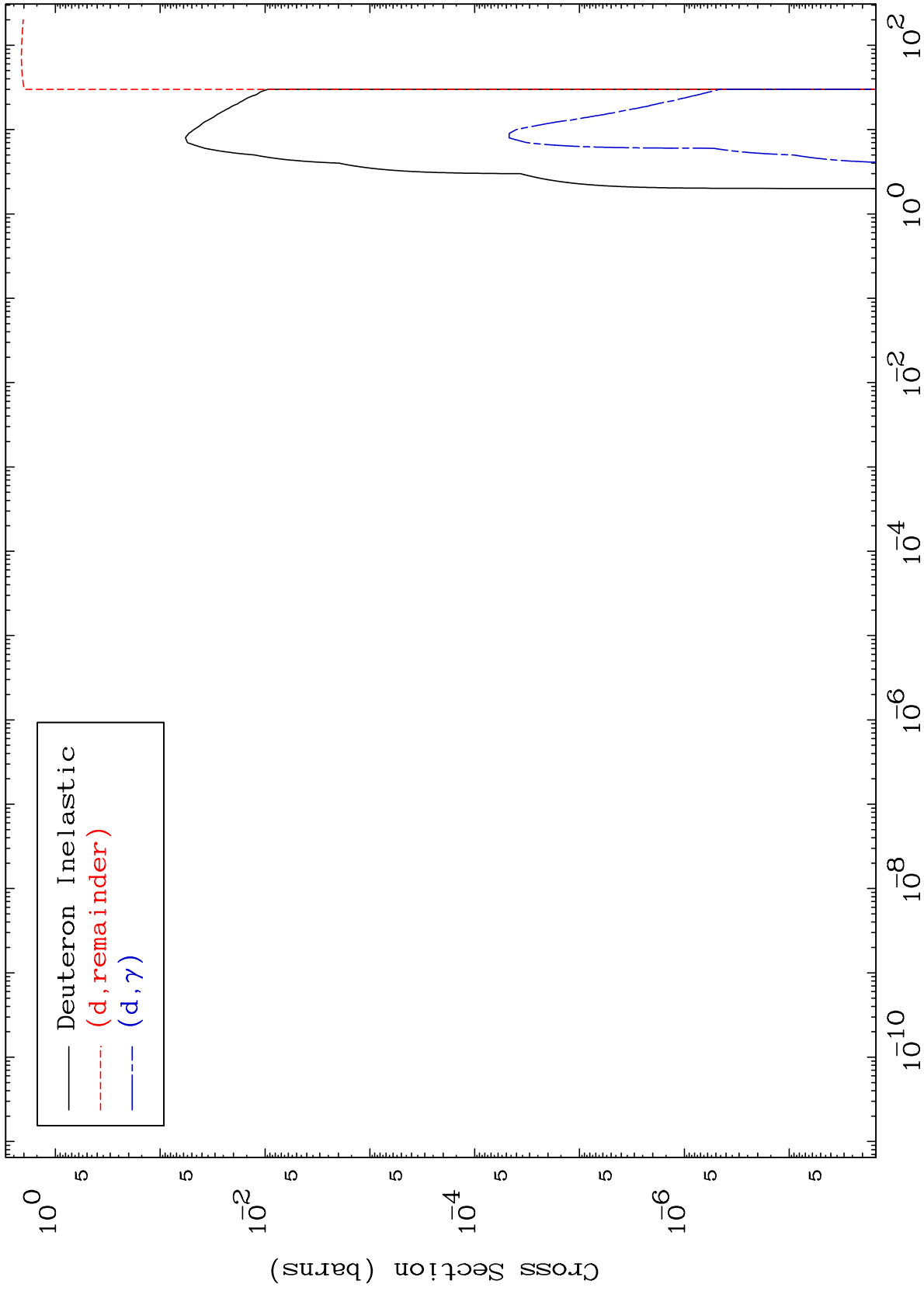
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4440

Deuteron Major  
0 Kelvin Cross Sections

44-Ru-101



1

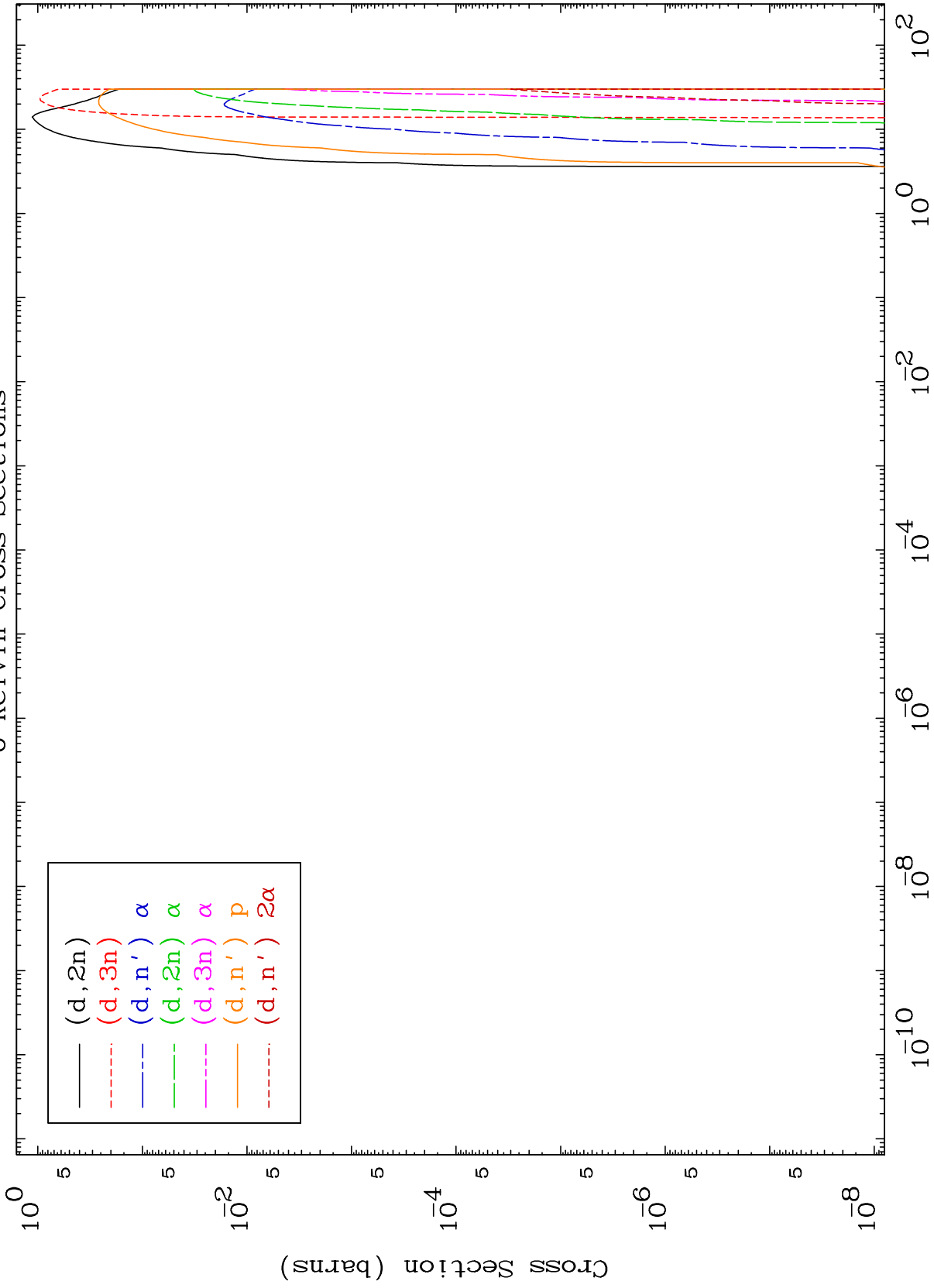
Incident Energy (MeV)

44-Ru-101

MAT 4440

Deuteron Neutron Production  
0 Kelvin Cross Sections

44-Ru-101



2

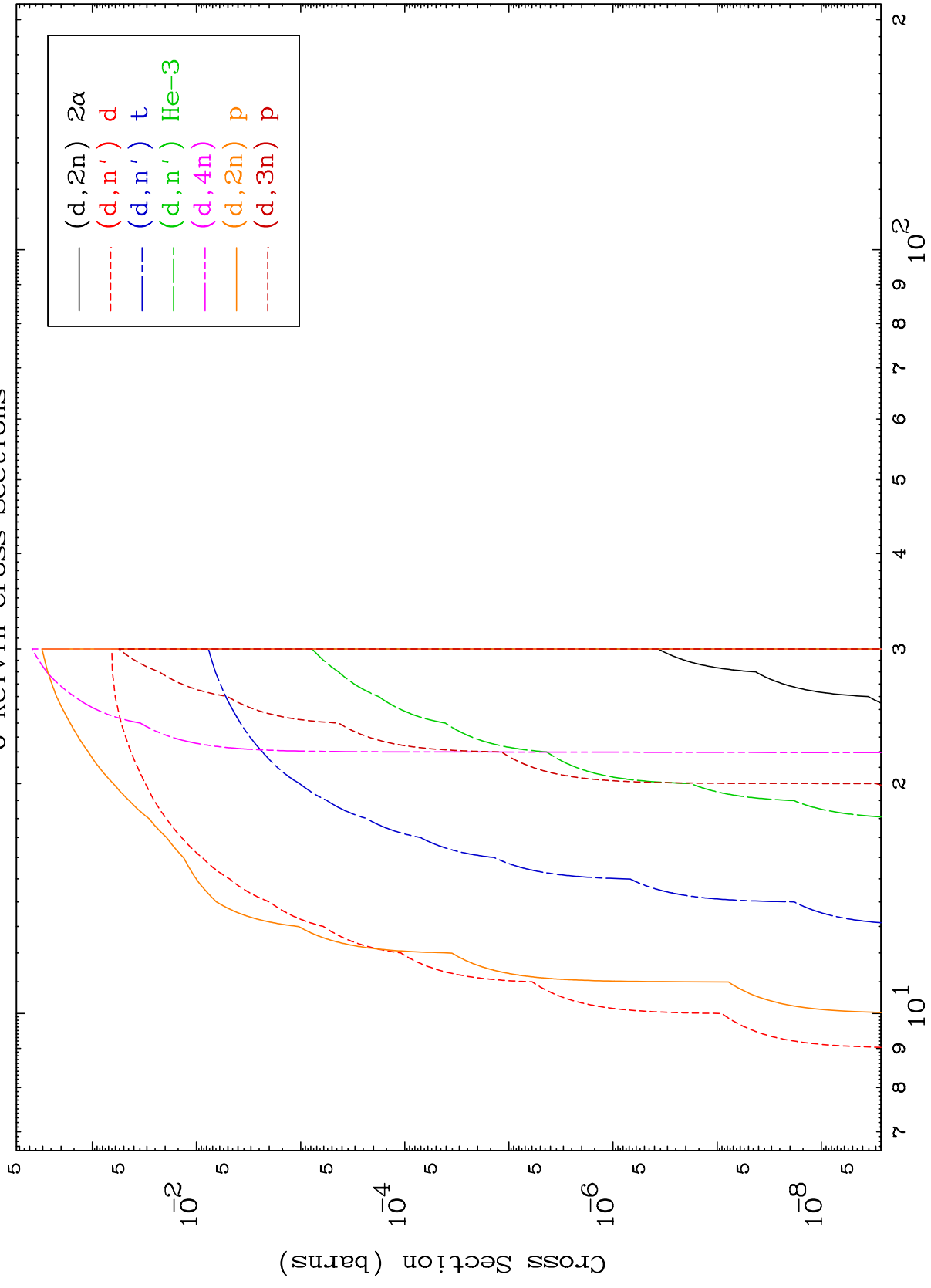
Incident Energy (MeV)

44-Ru-101

MAT 4440

Deuteron Neutron Production  
0 Kelvin Cross Sections

44-Ru-101



3

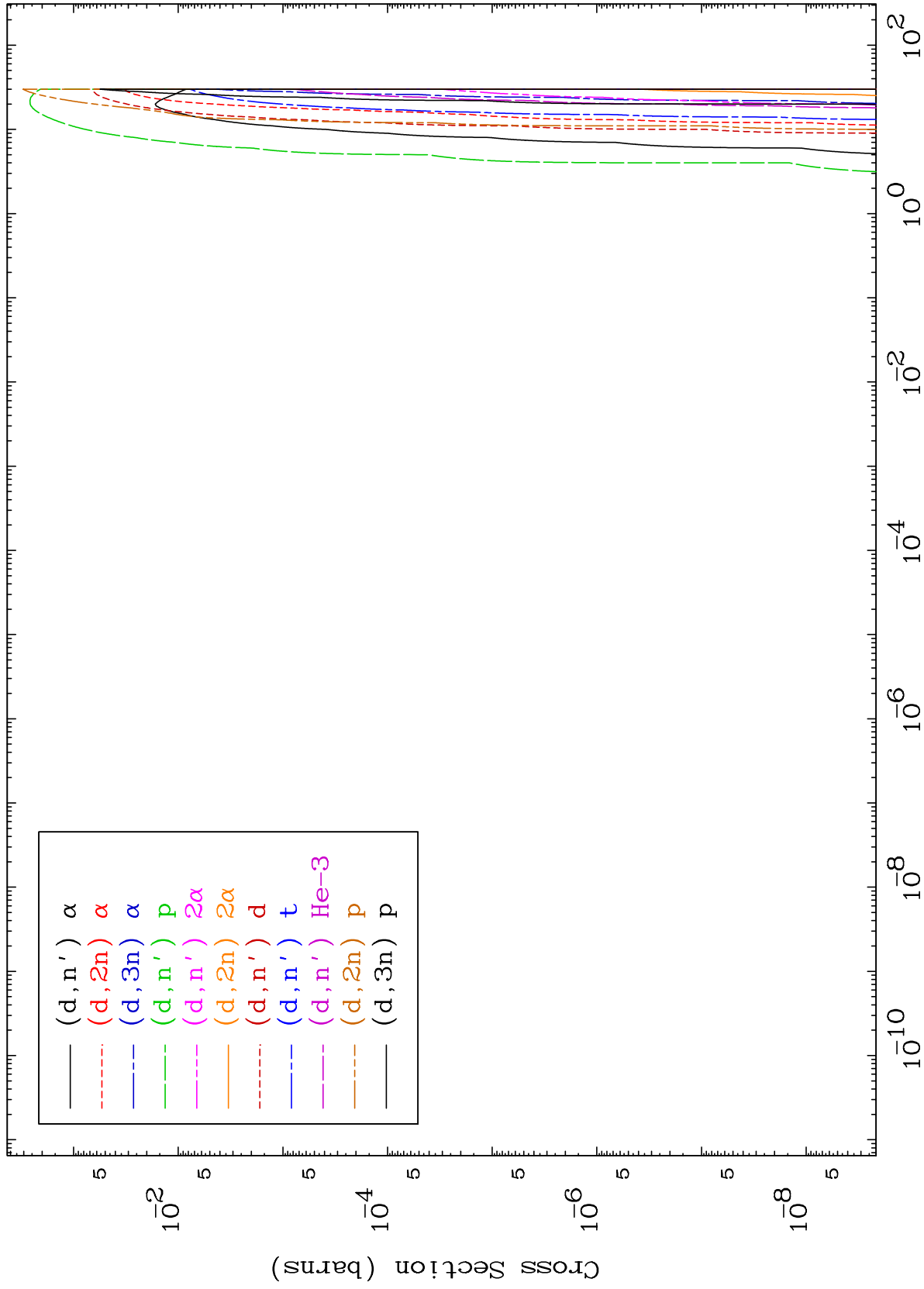
Incident Energy (MeV)

44-Ru-101

MAT 4440

Deuteron Charged Particle  
0 Kelvin Cross Sections

44-Ru-101



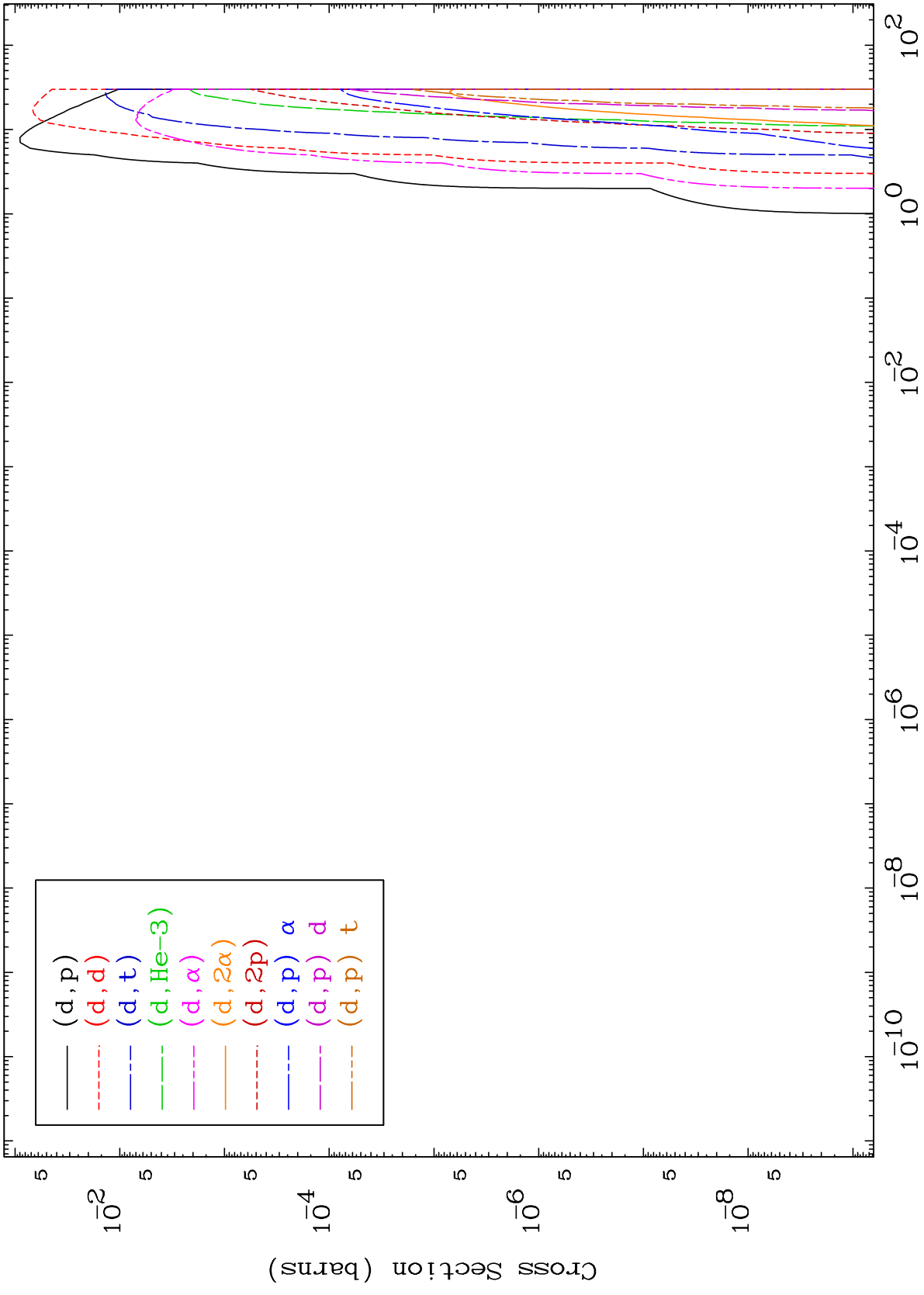
44-Ru-101

Incident Energy (MeV)

MAT 4440

Deuteron Charged Particle  
0 Kelvin Cross Sections

44-Ru-101



5

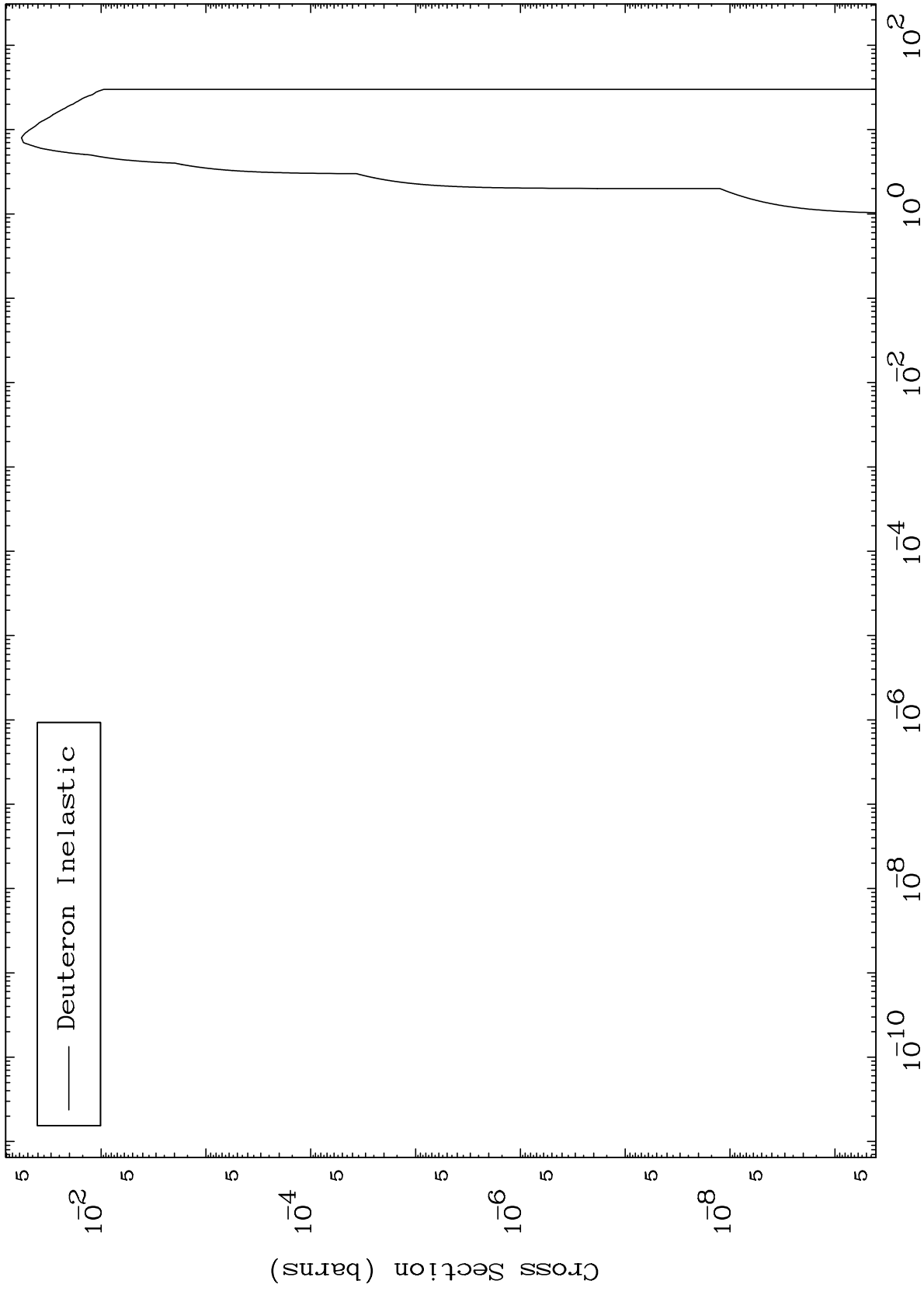
Incident Energy (MeV)

44-Ru-101

MAT 4440

(d,n') Level  
0 Kelvin Cross Sections

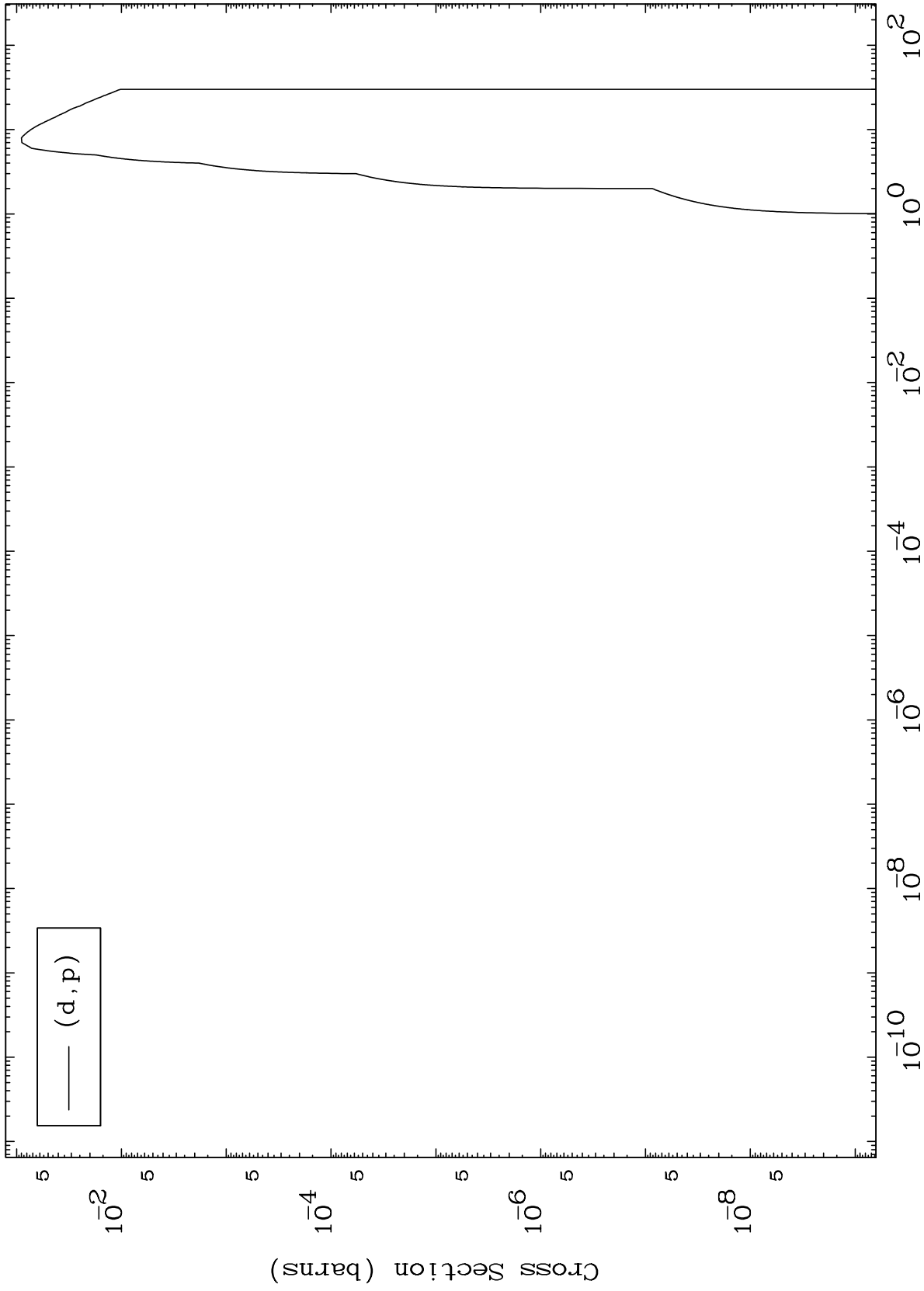
44-Ru-101



MAT 4440

(d,p) Levels  
0 Kelvin Cross Sections

44-Ru-101



7

Incident Energy (MeV)

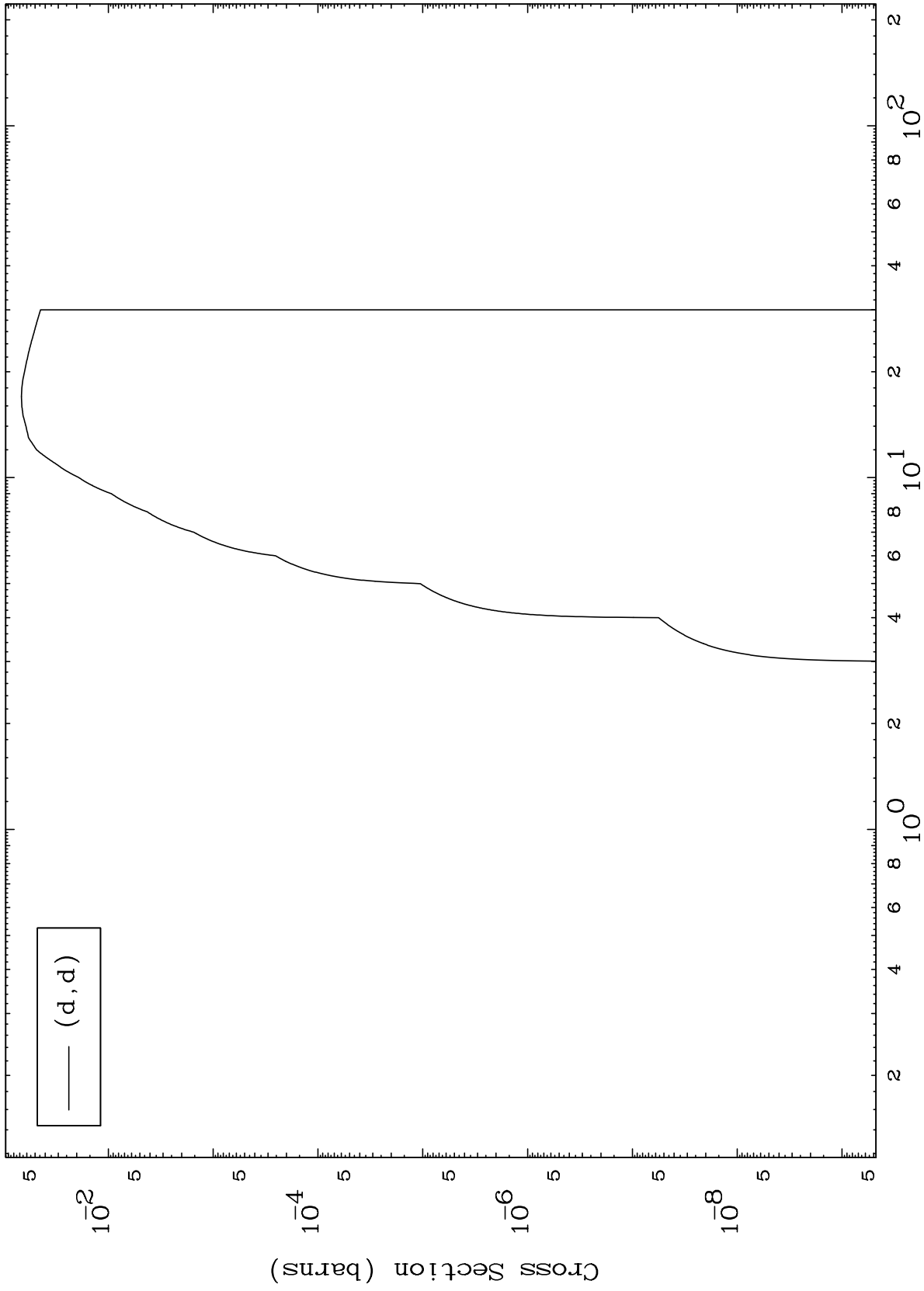
44-Ru-101



MAT 4440

(d,d) Levels  
0 Kelvin Cross Sections

44-Ru-101



8

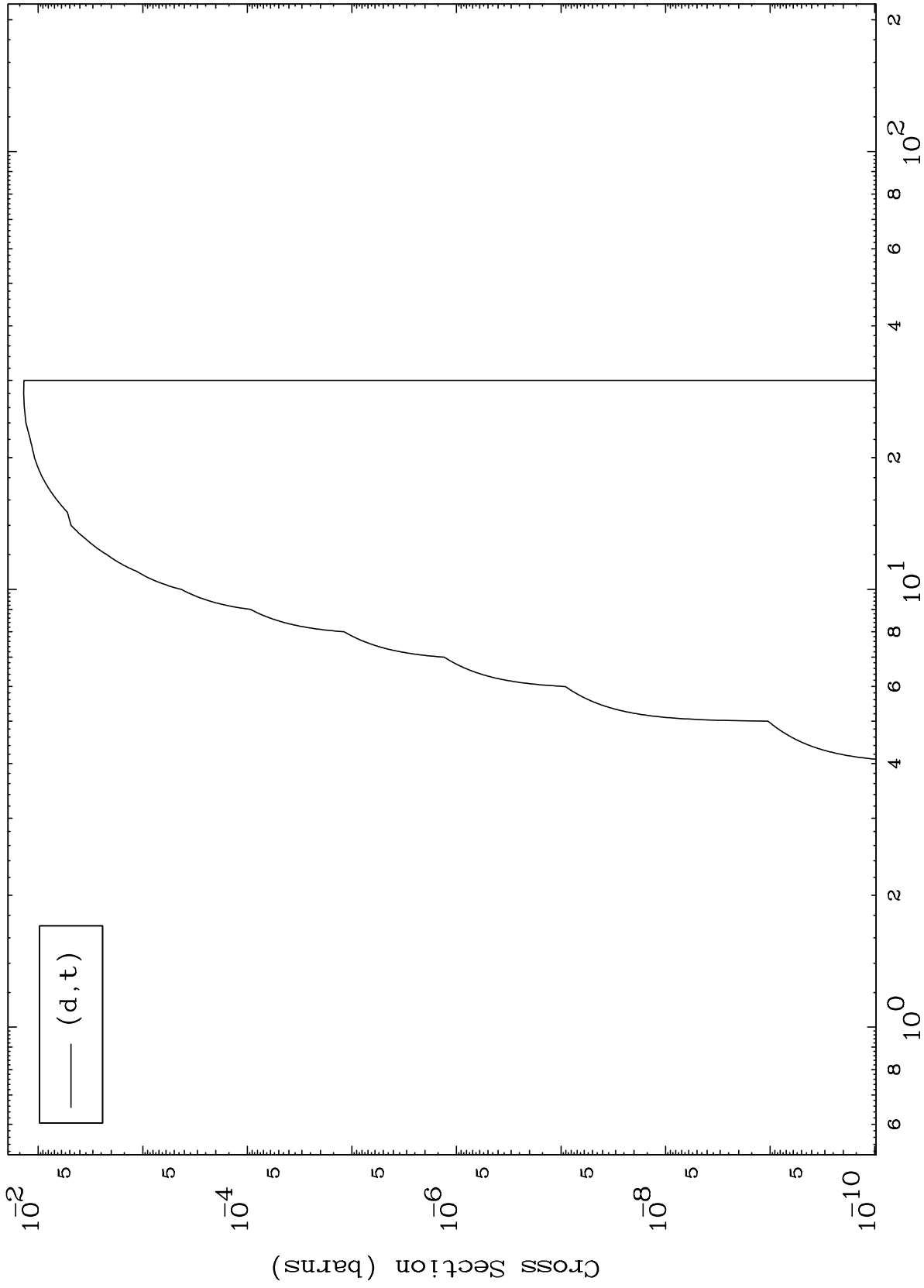
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(d,t) Levels  
0 Kelvin Cross Sections



9

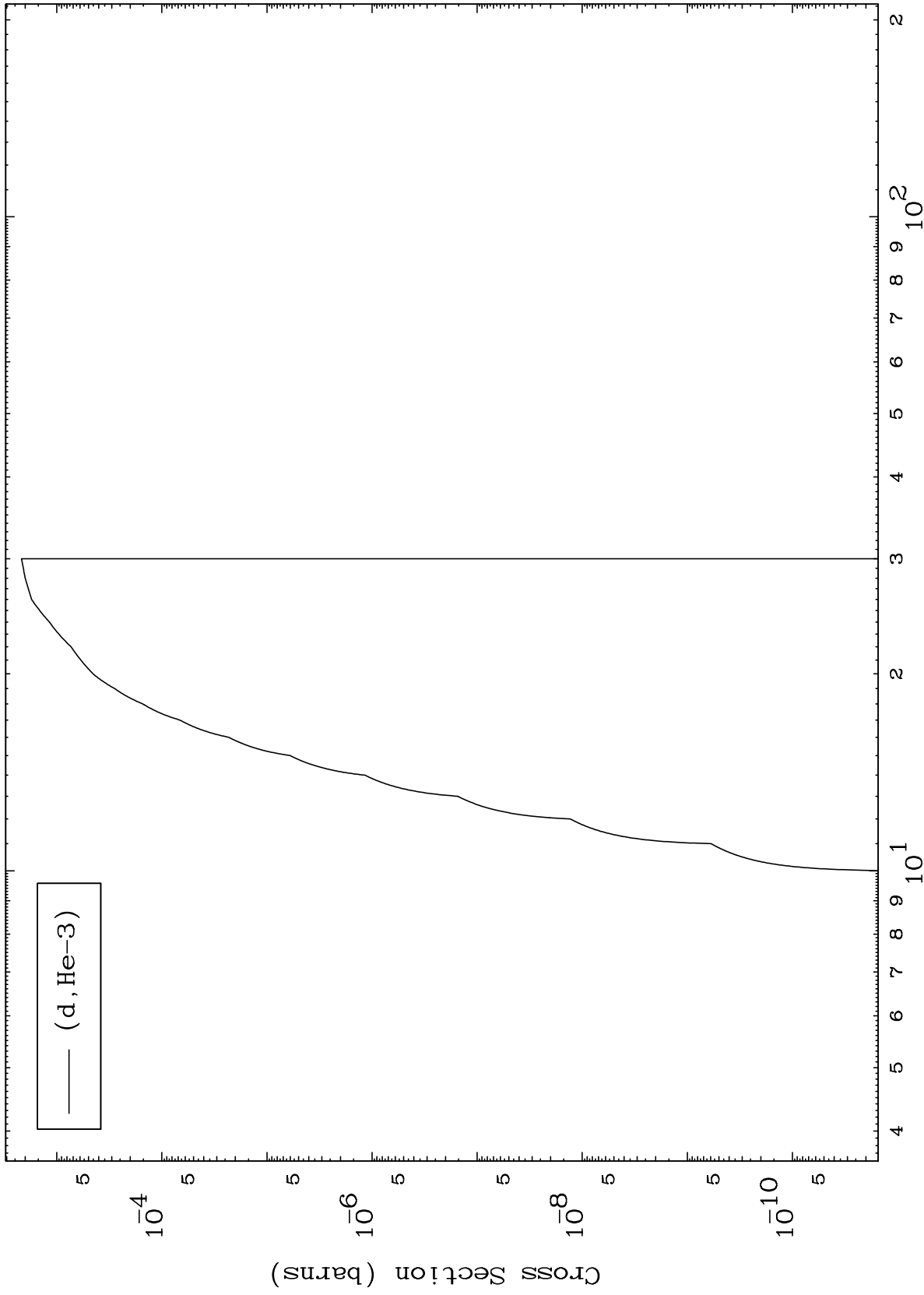
Incident Energy (MeV)

44-Ru-101

MAT 4440

(d,He3) Levels  
0 Kelvin Cross Sections

44-Ru-101



10

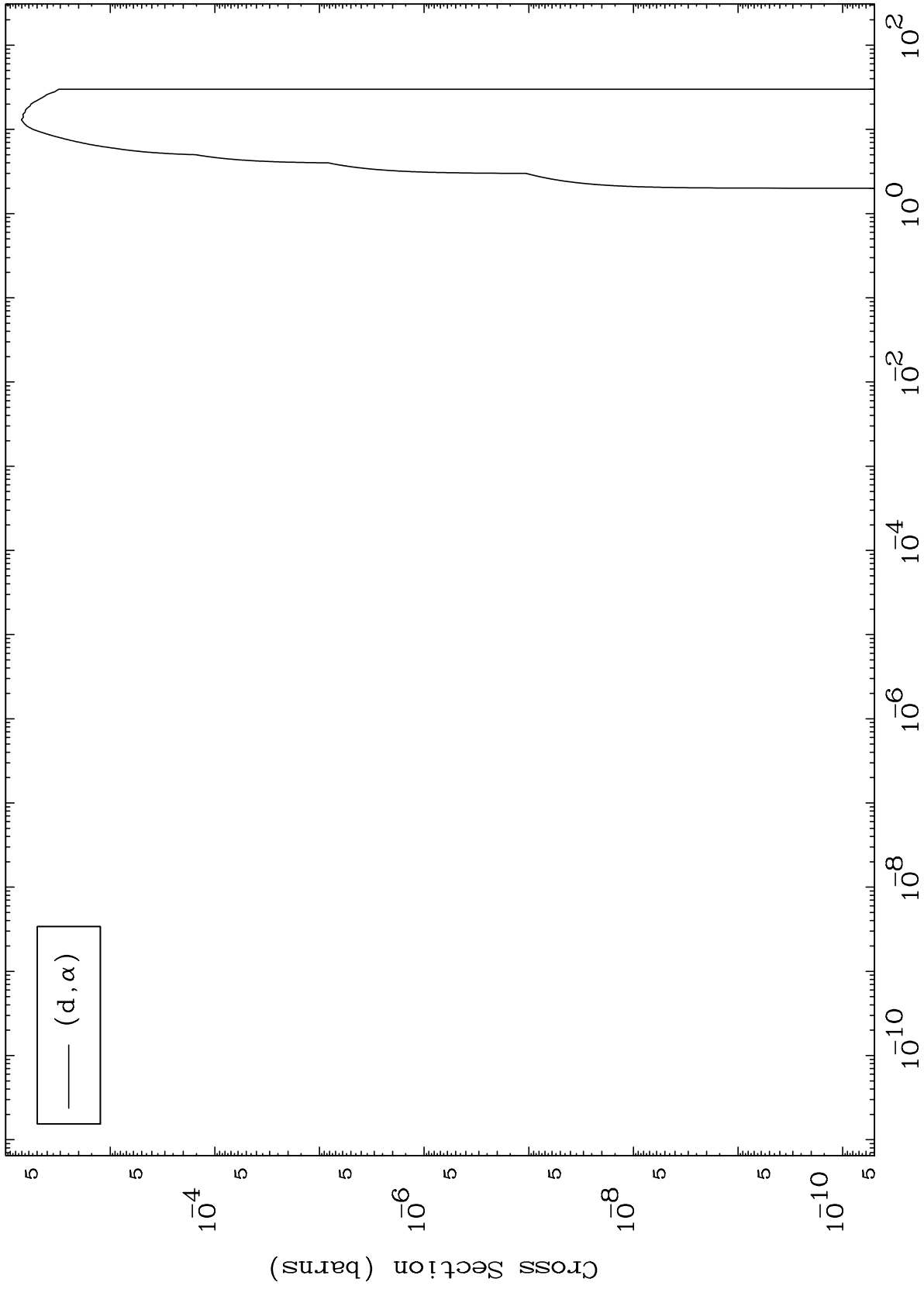
Incident Energy (MeV)

44-Ru-101

MAT 4440

(d,α) Levels  
0 Kelvin Cross Sections

44-Ru-101



11

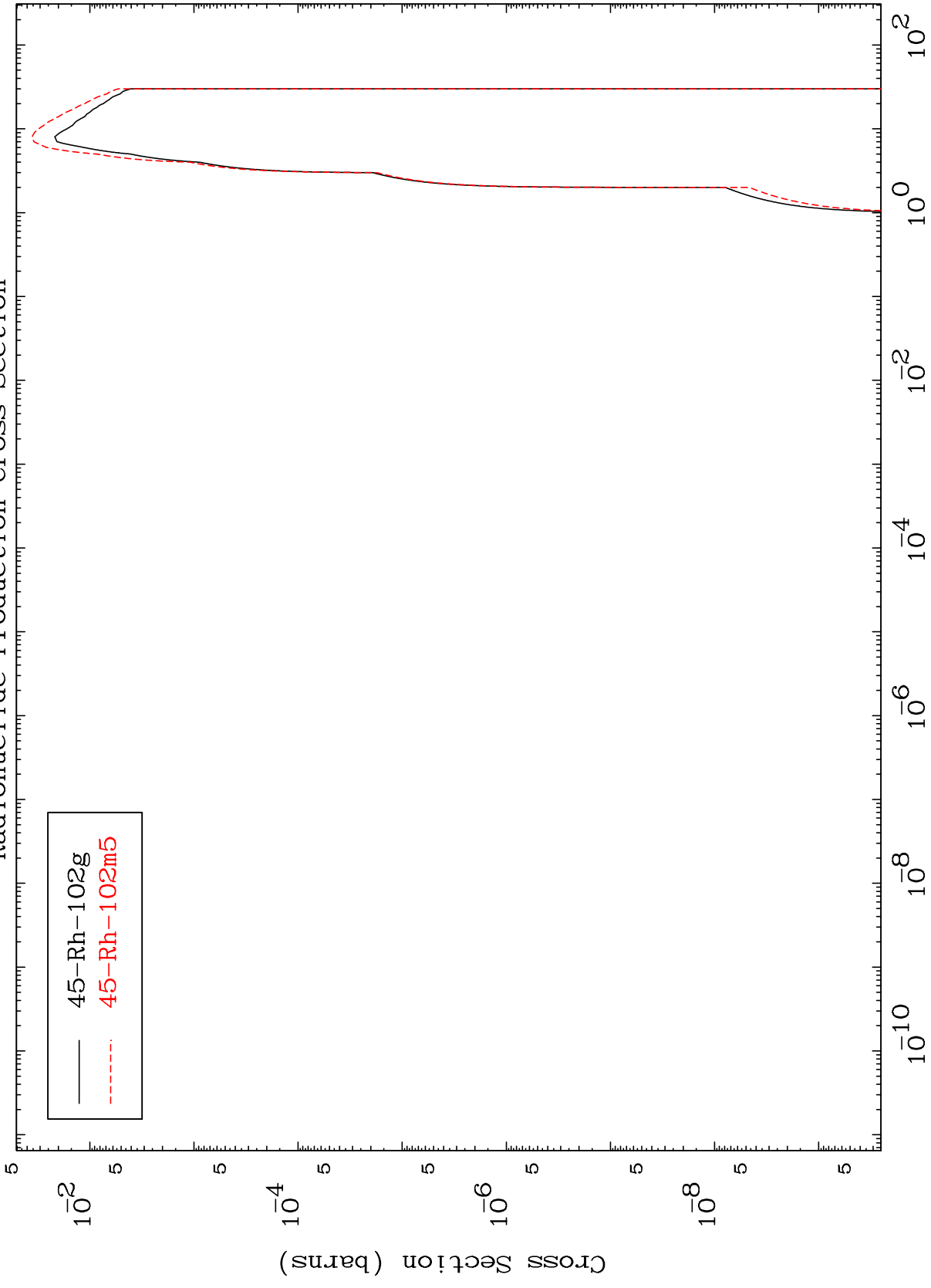
Incident Energy (MeV)

44-Ru-101

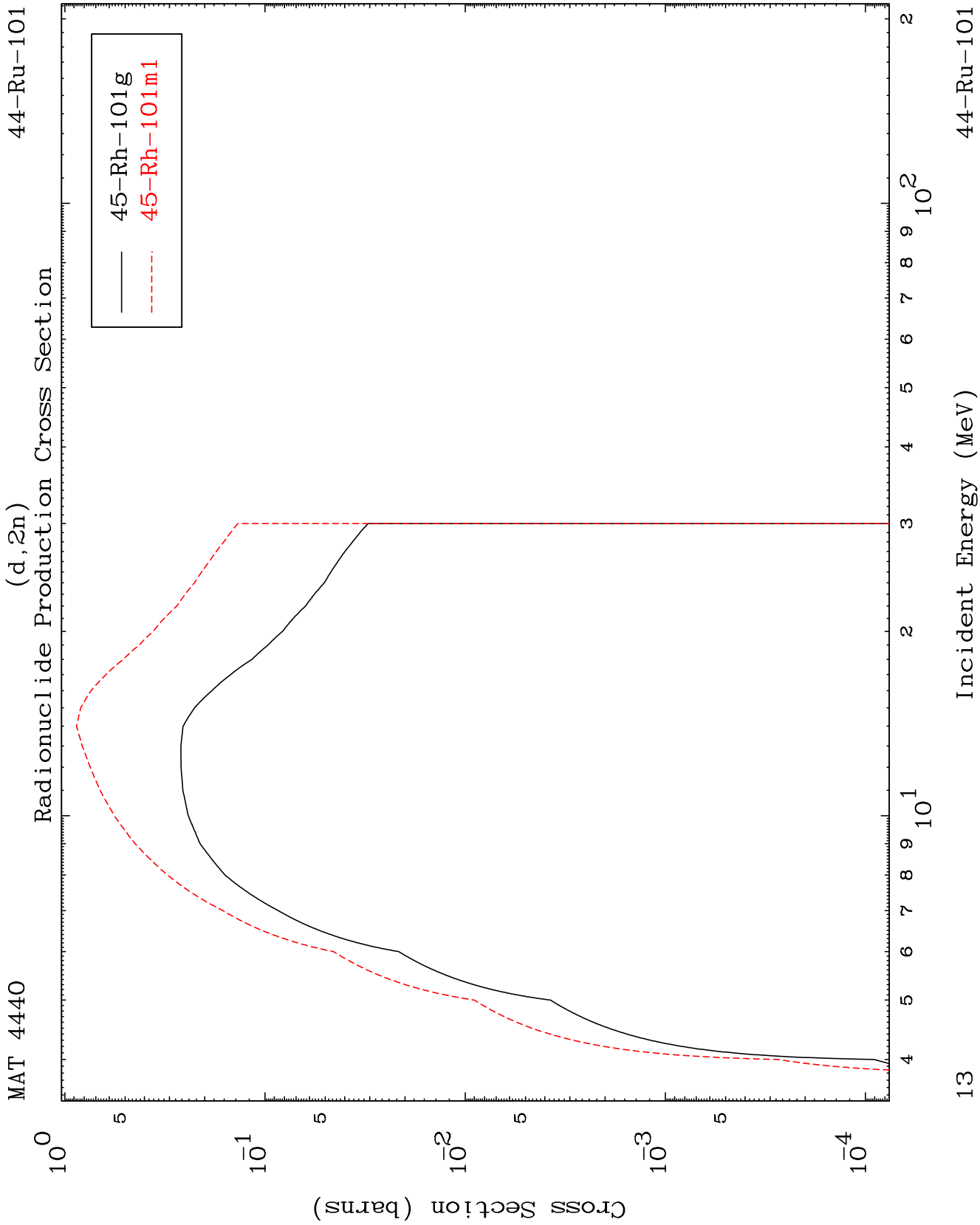
MAT 4440

Deuteron Inelastic  
Radionuclide Production Cross Section

44-Ru-101



44-Ru-101

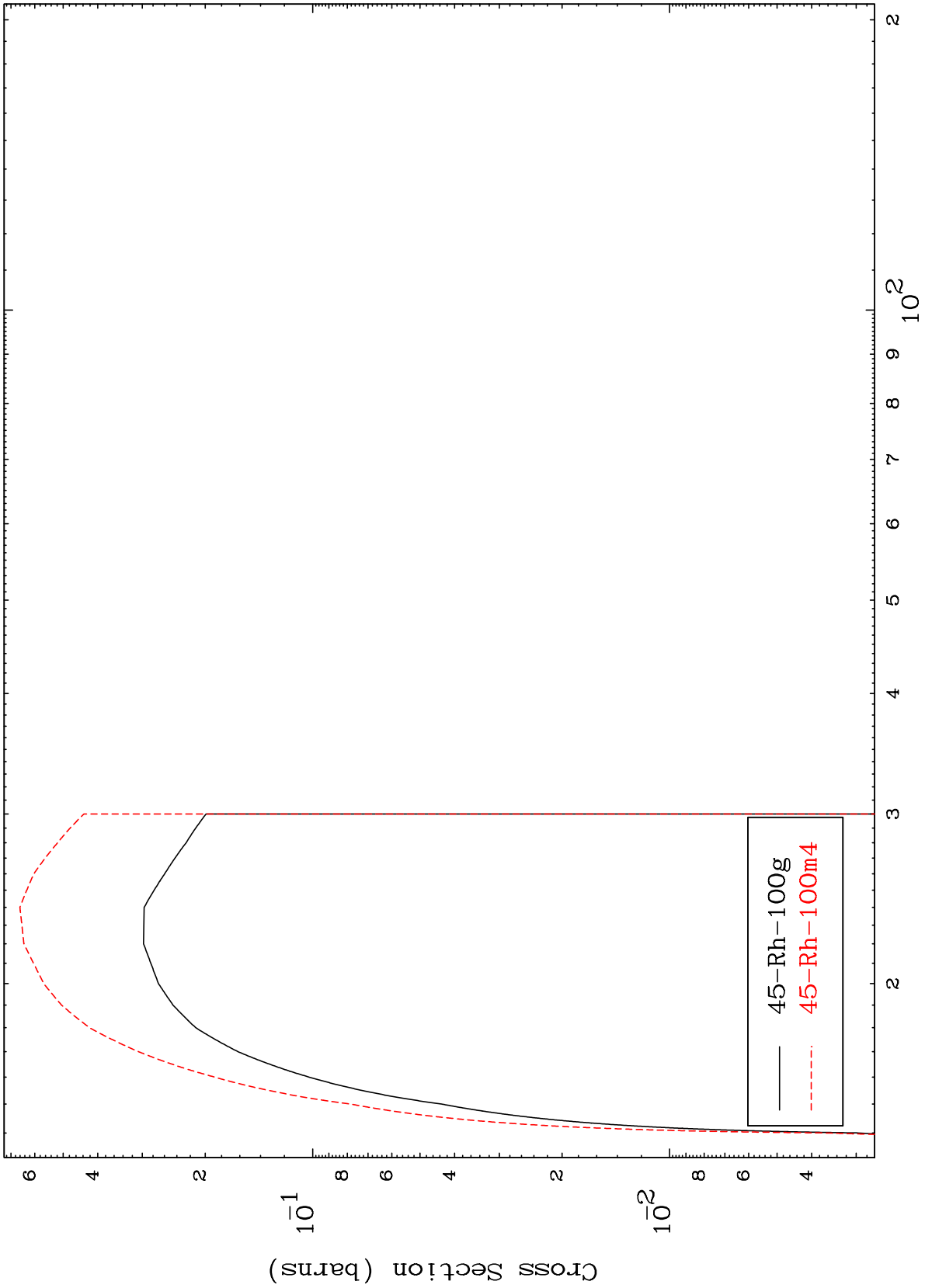


MAT 4440

(d,3n)

44-Ru-101

Radionuclide Production Cross Section



14

Incident Energy (MeV)

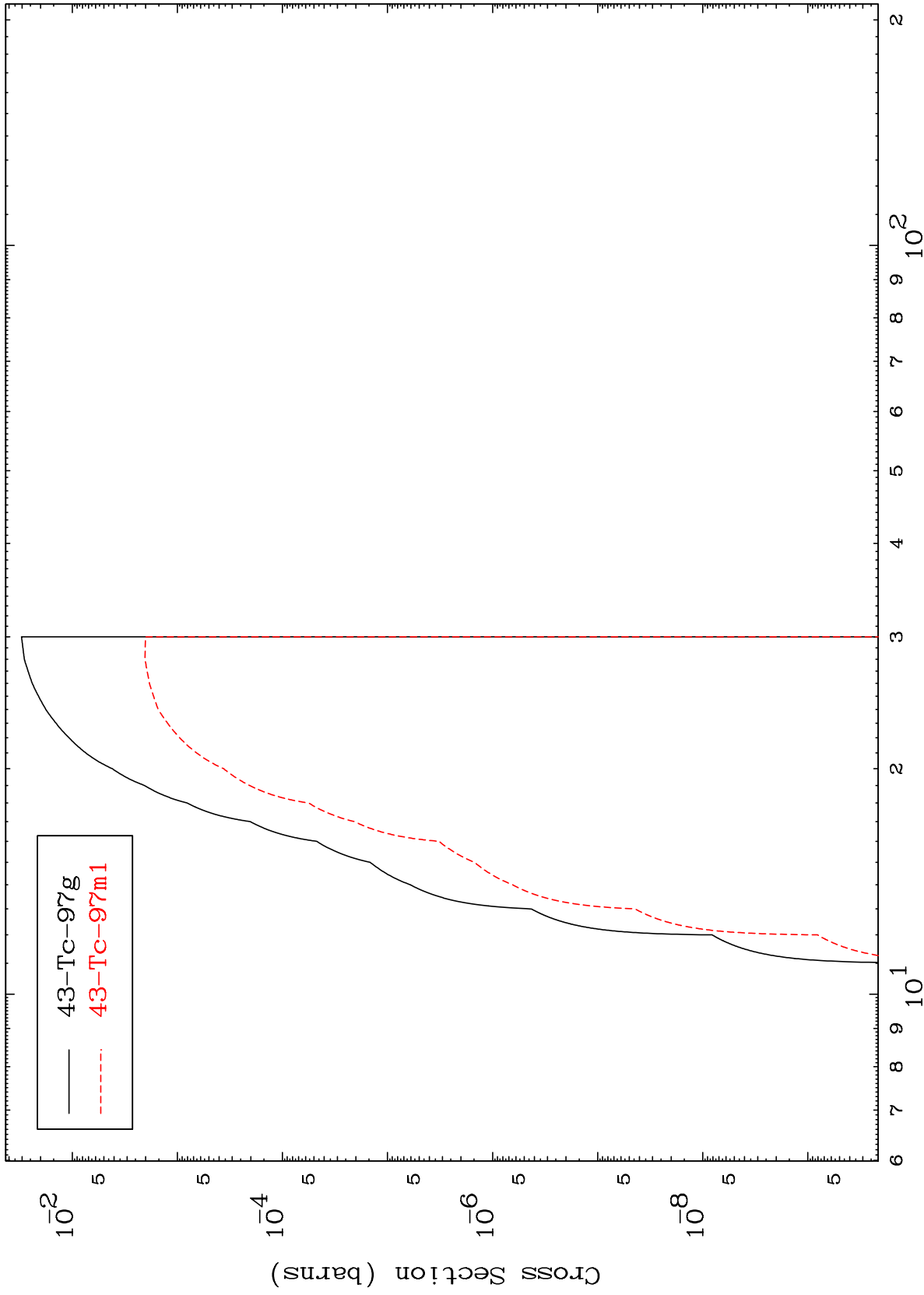
44-Ru-101

MAT 4440

(d,2n)  $\alpha$

44-Ru-101

Radionuclide Production Cross Section



15

44-Ru-101

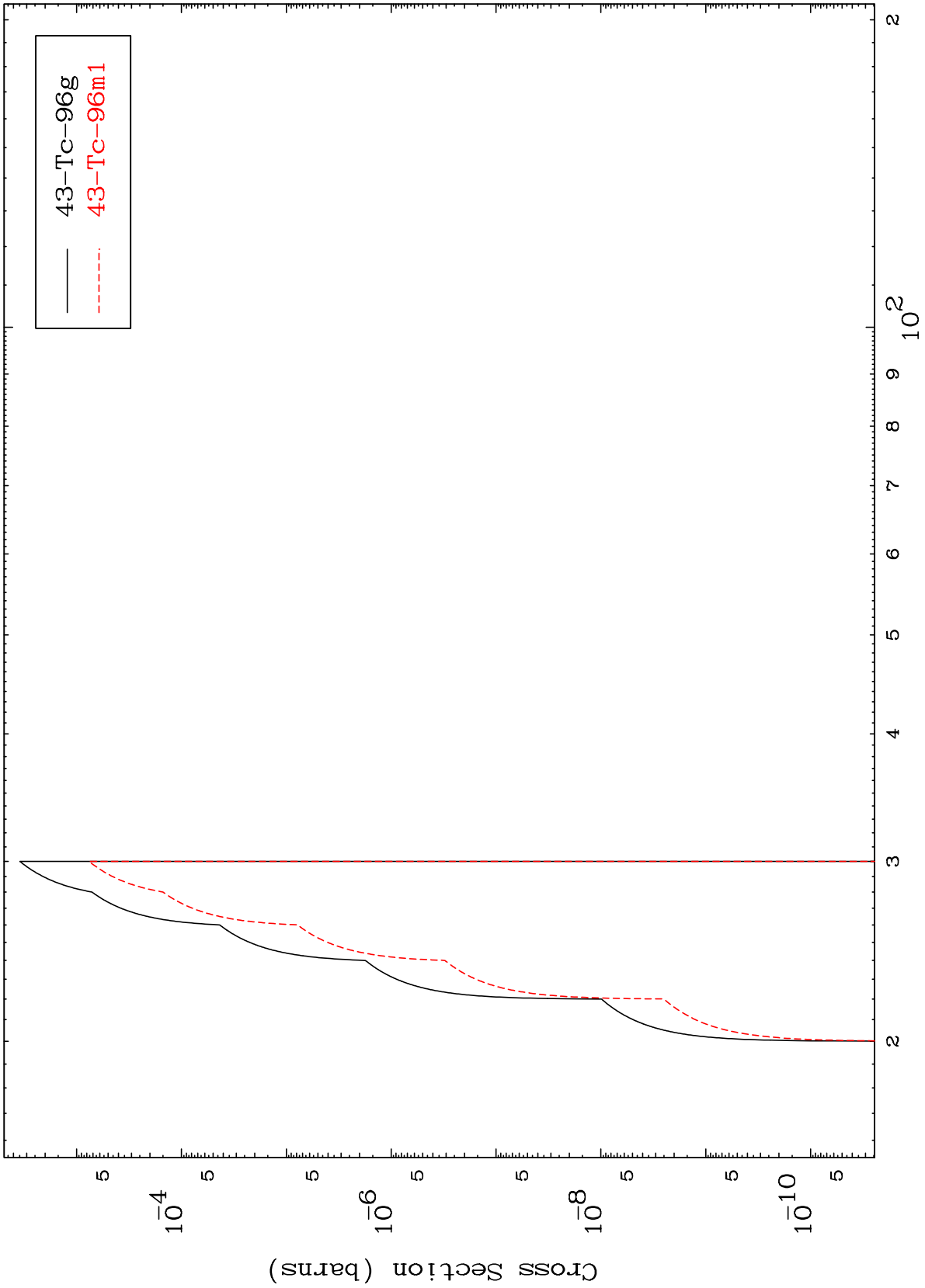


MAT 4440

(d,3n)  $\alpha$

44-Ru-101

Radionuclide Production Cross Section



16

Incident Energy (MeV)

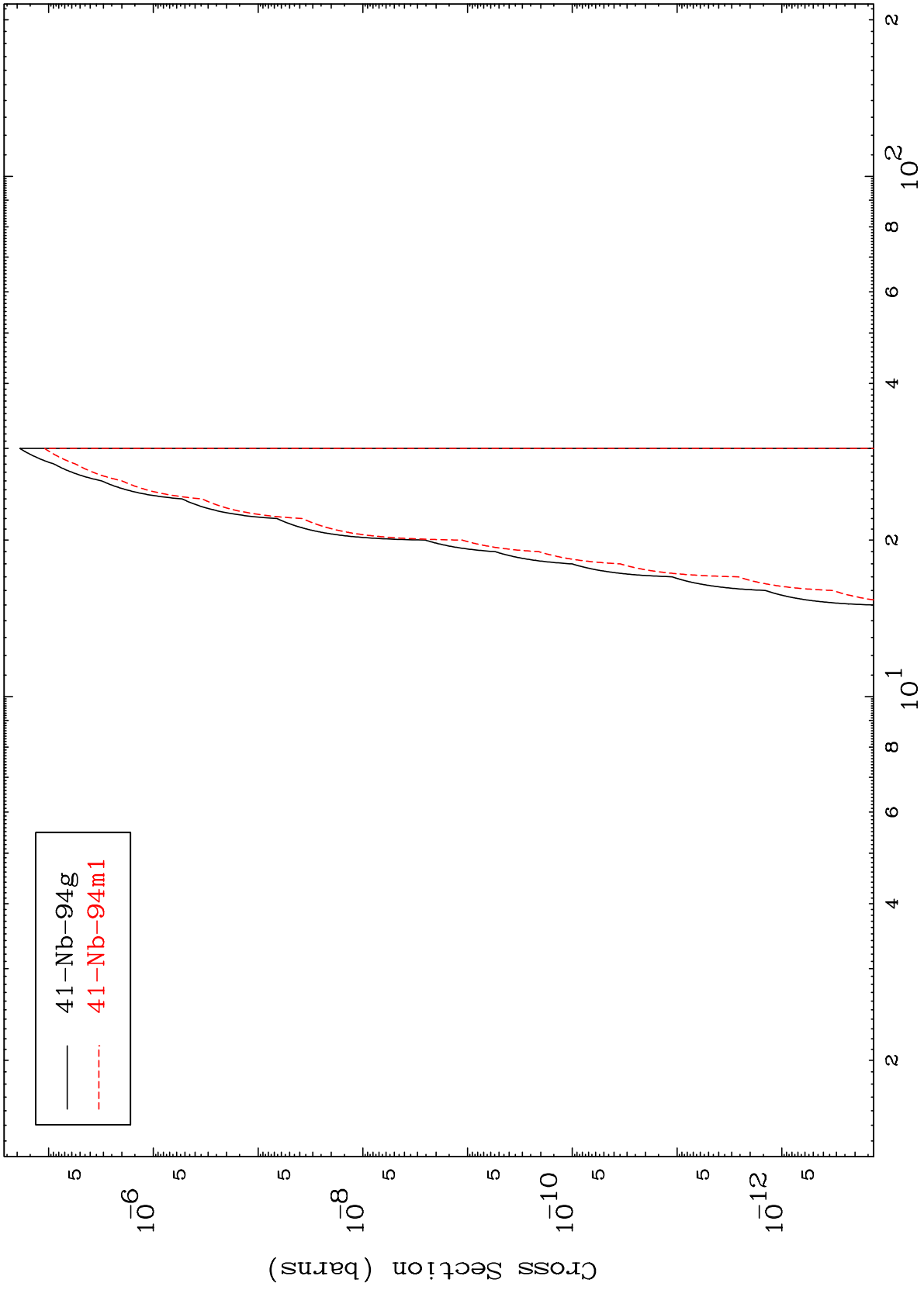
44-Ru-101

MAT 4440

(d,n') 2 $\alpha$

44-Ru-101

Radionuclide Production Cross Section



17

Incident Energy (MeV)

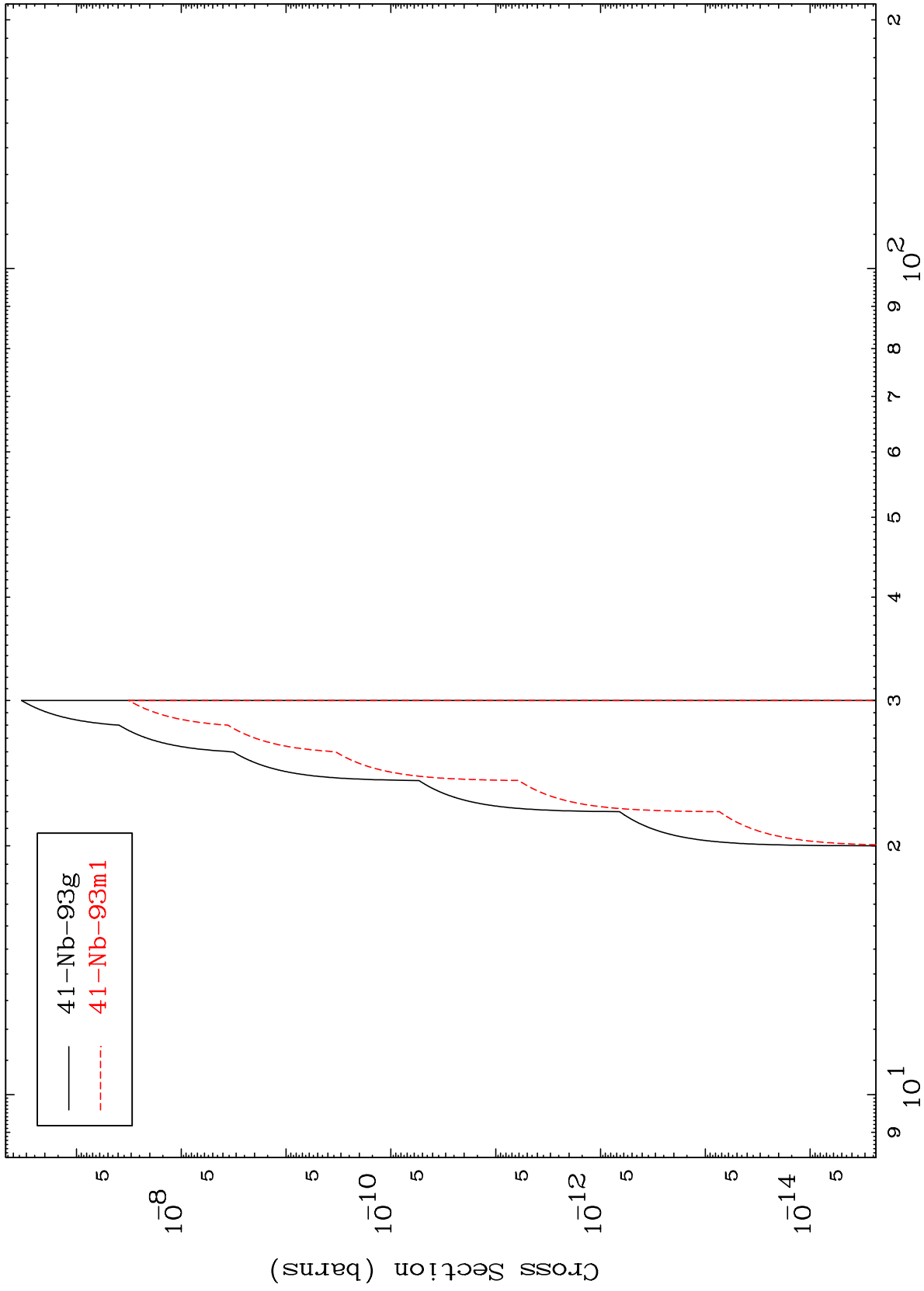
44-Ru-101

MAT 4440

(d,2n) 2 $\alpha$

44-Ru-101

Radionuclide Production Cross Section



18

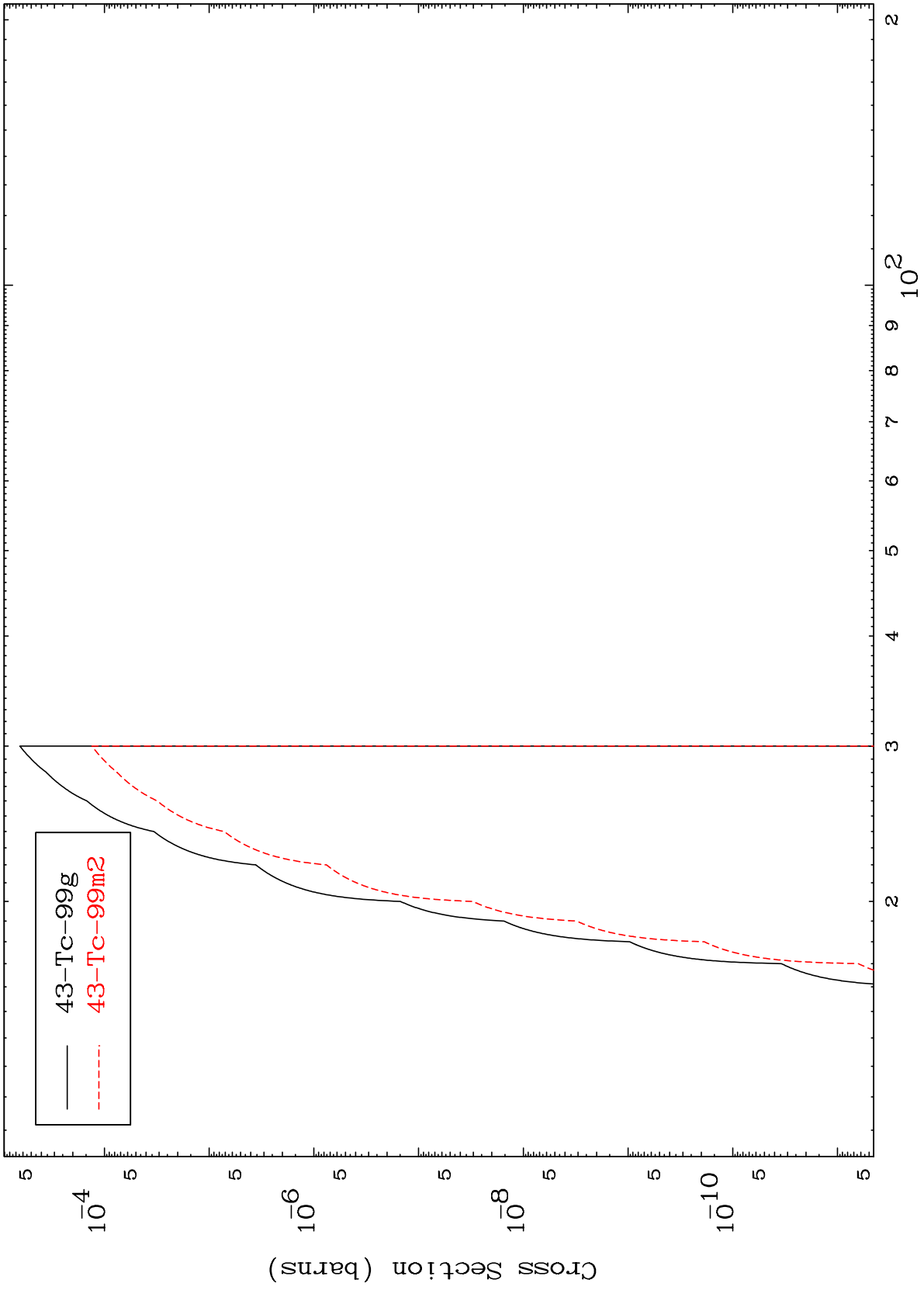
44-Ru-101

MAT 4440

(d, n') He-3

44-Ru-101

Radionuclide Production Cross Section



19

Incident Energy (MeV)

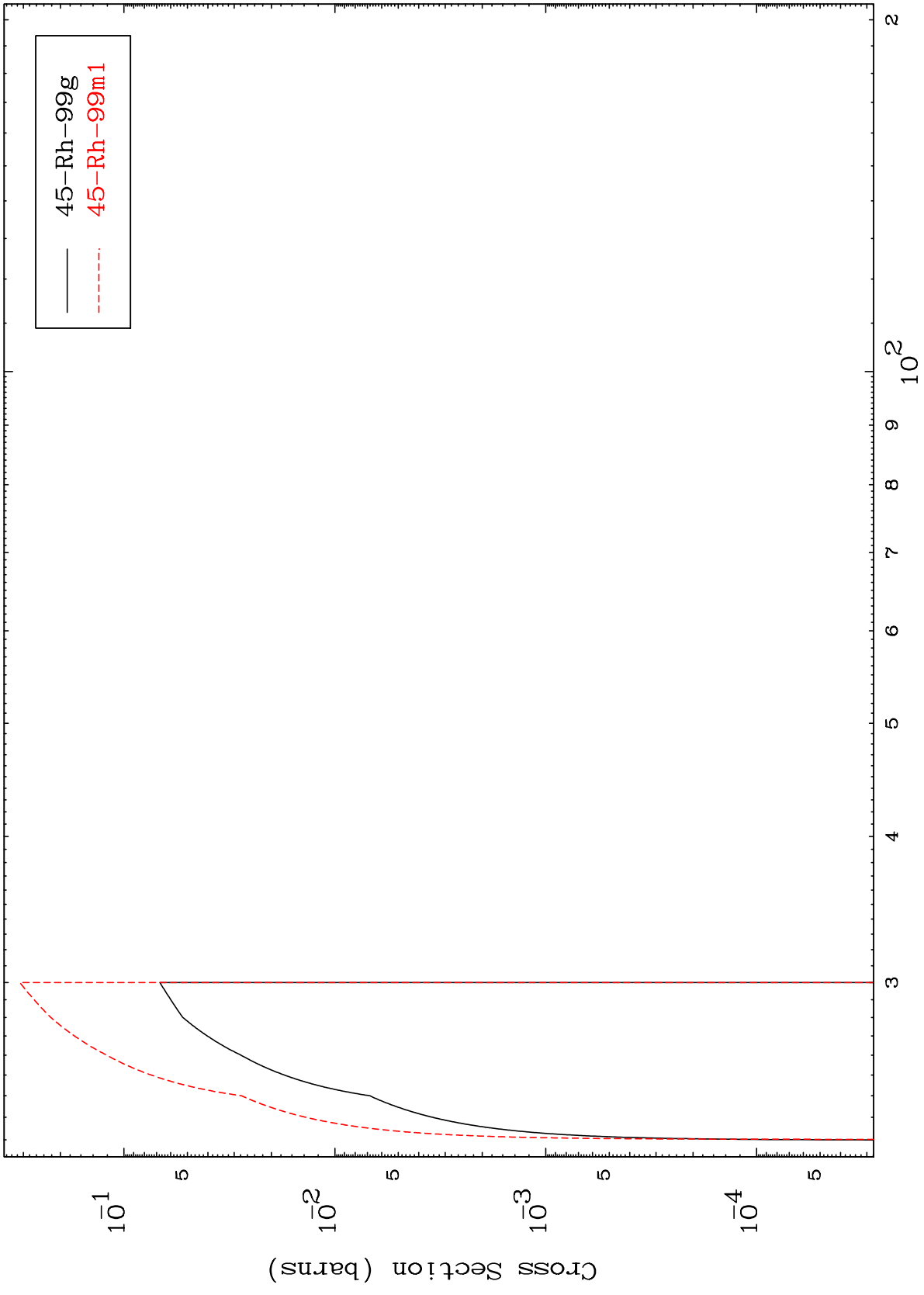
44-Ru-101

MAT 4440

(d,4n)

44-Ru-101

Radionuclide Production Cross Section



20

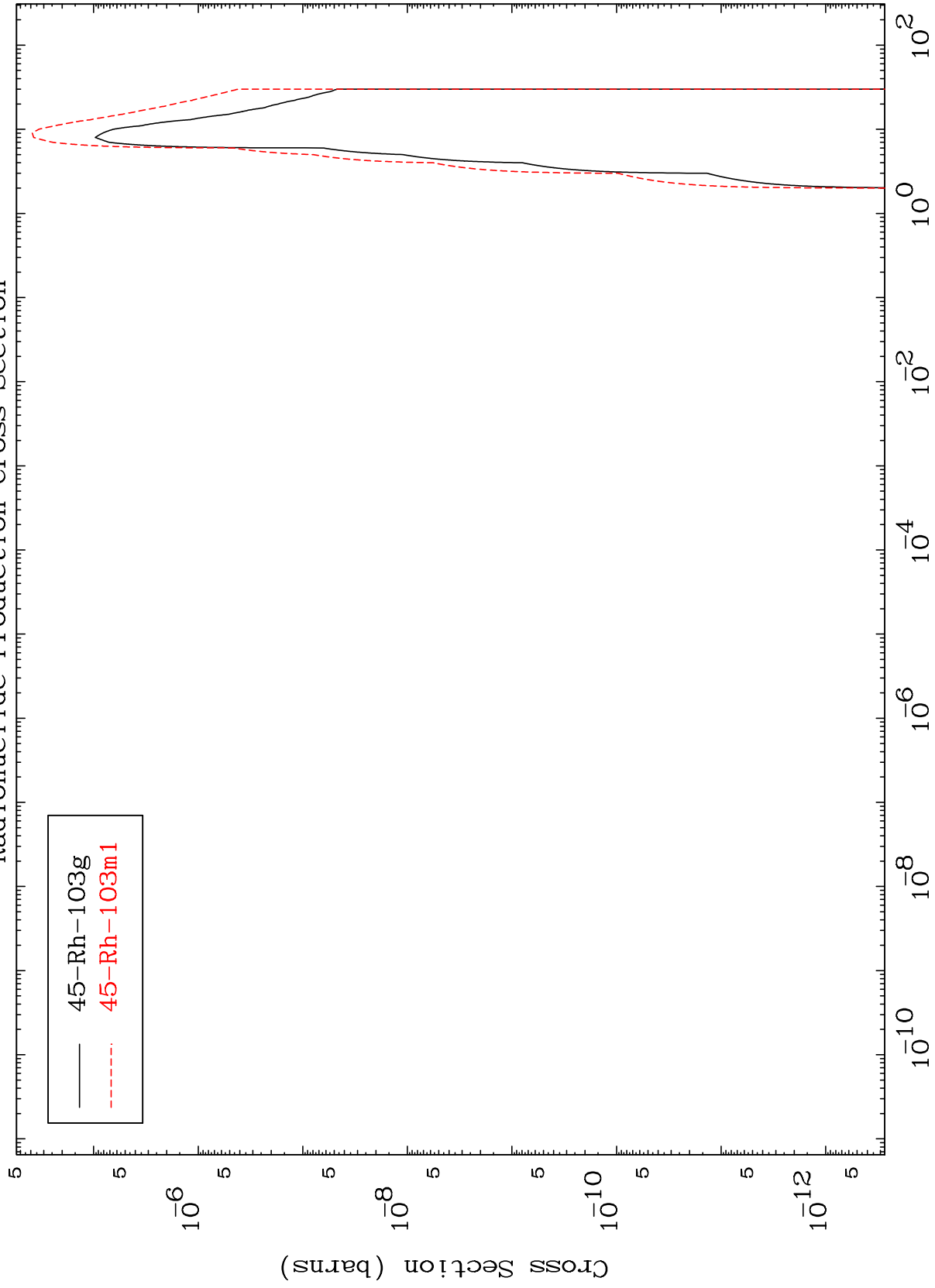
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

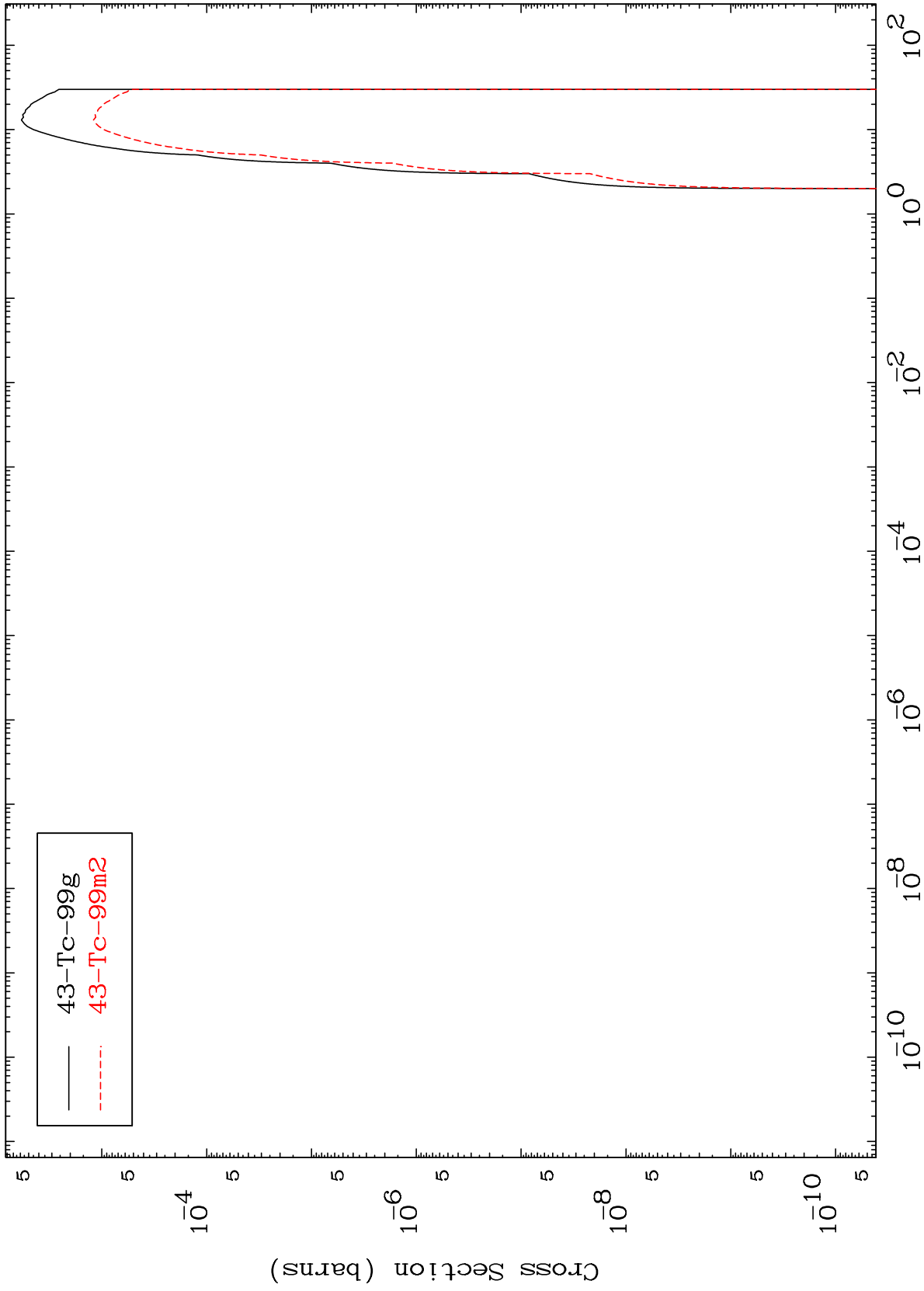


MAT 4440

(d,  $\alpha$ )

44-Ru-101

Radionuclide Production Cross Section

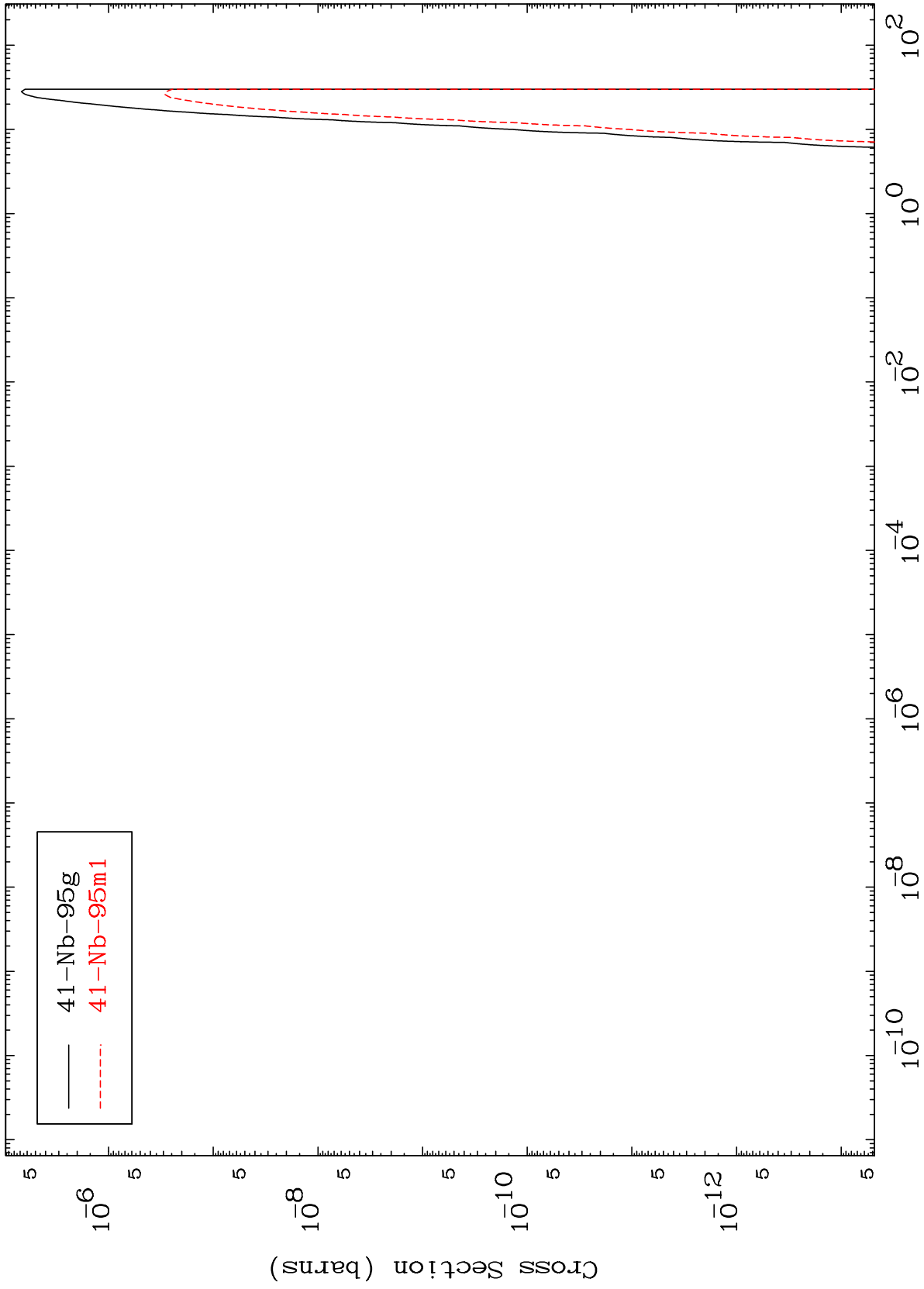


MAT 4440

(d,2α)

44-Ru-101

Radionuclide Production Cross Section



23

Incident Energy (MeV)

44-Ru-101

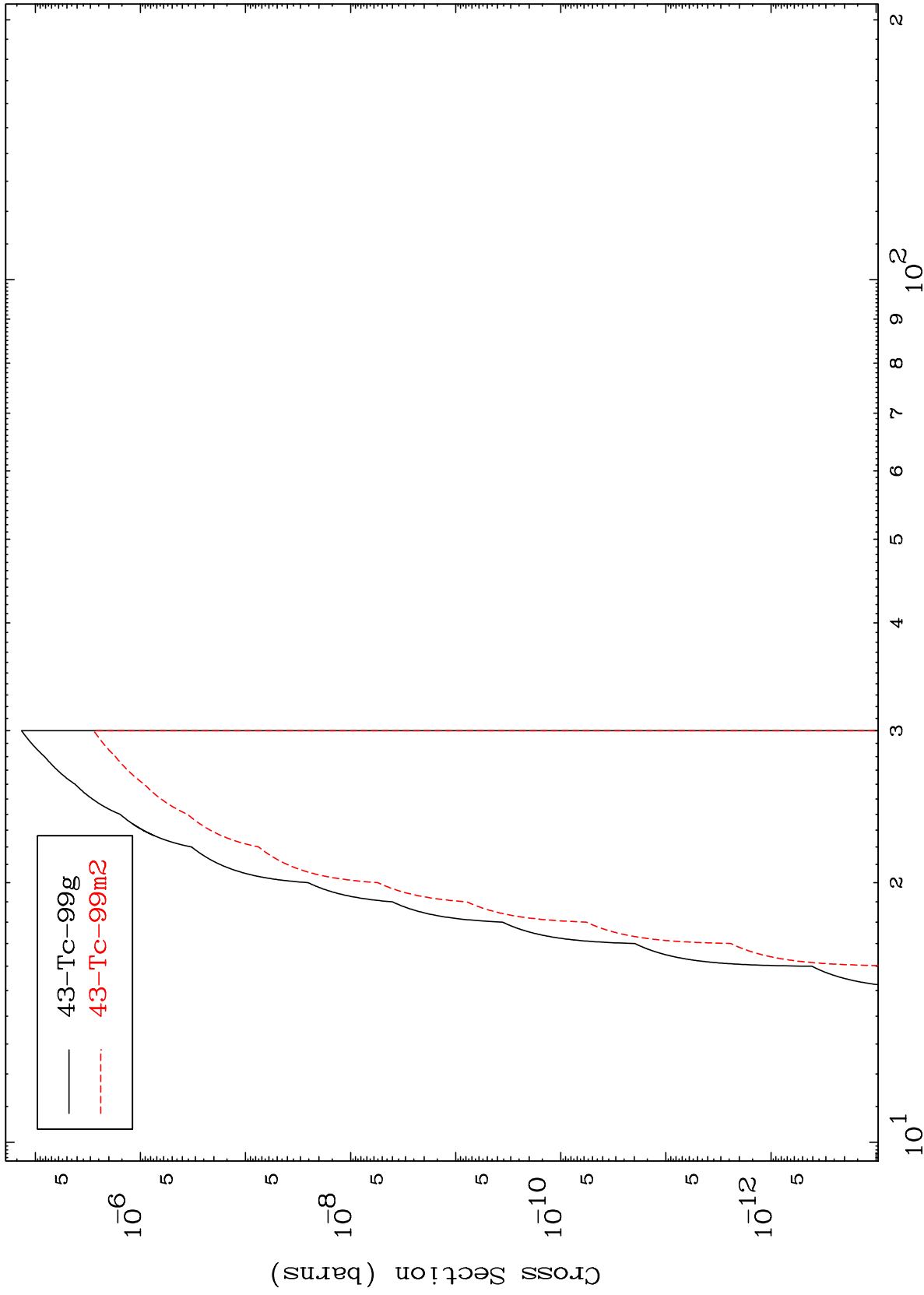


MAT 4440

(d,p) t

44-Ru-101

Radionuclide Production Cross Section



24

Incident Energy (MeV)

44-Ru-101