

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

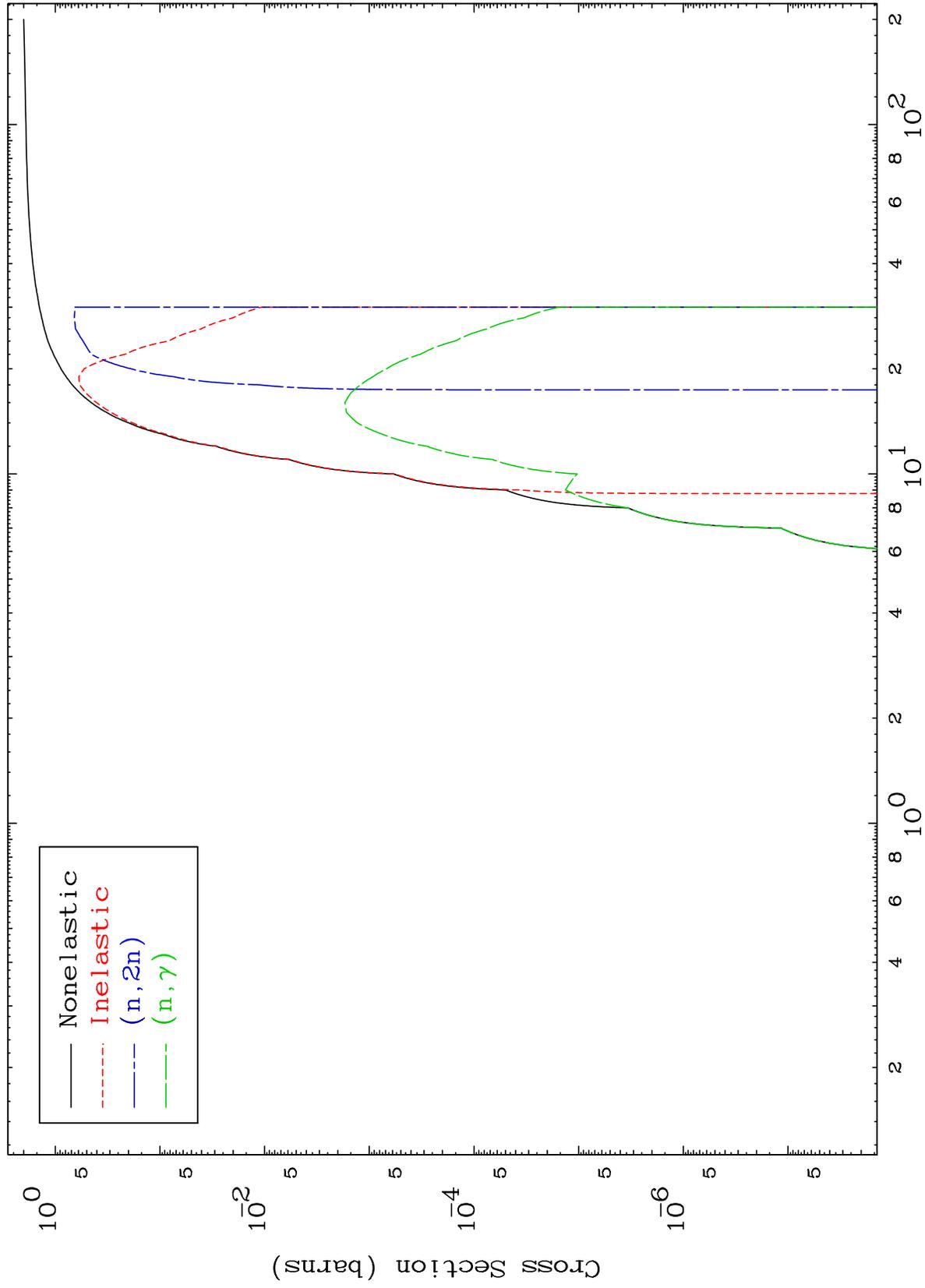
Press Mouse Button to Start

MAT 4431

$\alpha$  Major

44-Ru-98

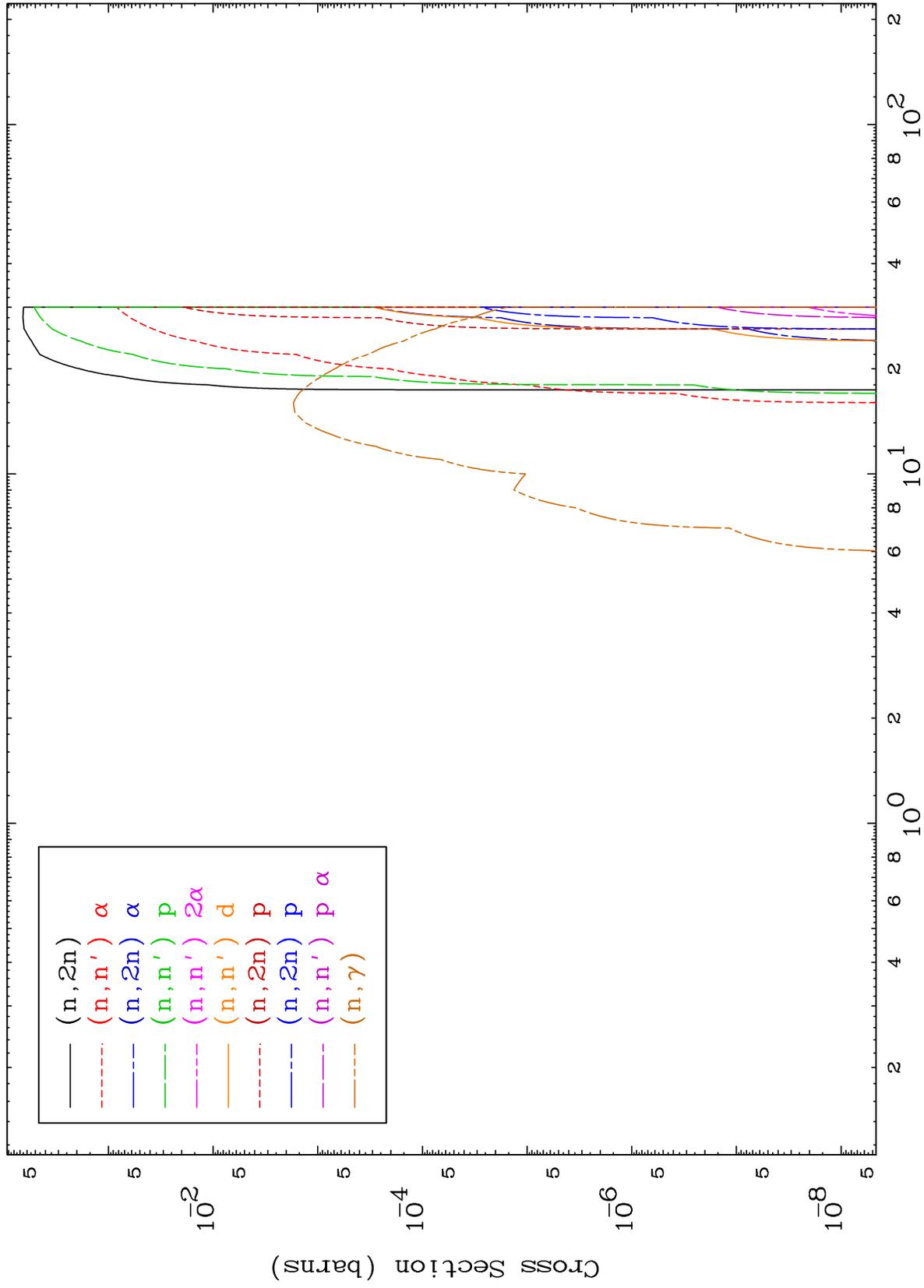
0 Kelvin Cross Sections



MAT 4431

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

44-Ru-98



2

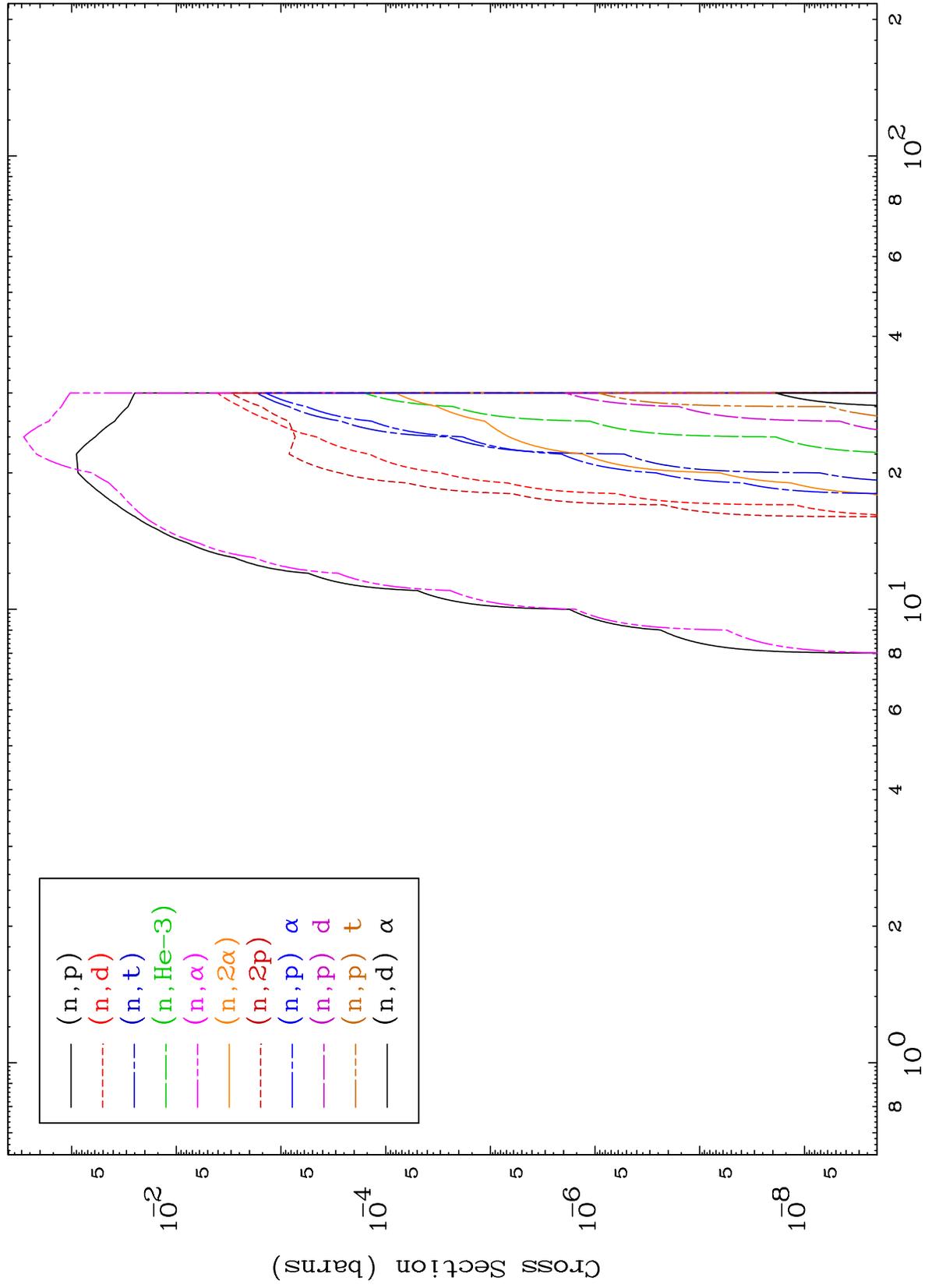
Incident Energy (MeV)

44-Ru-98

MAT 4431

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

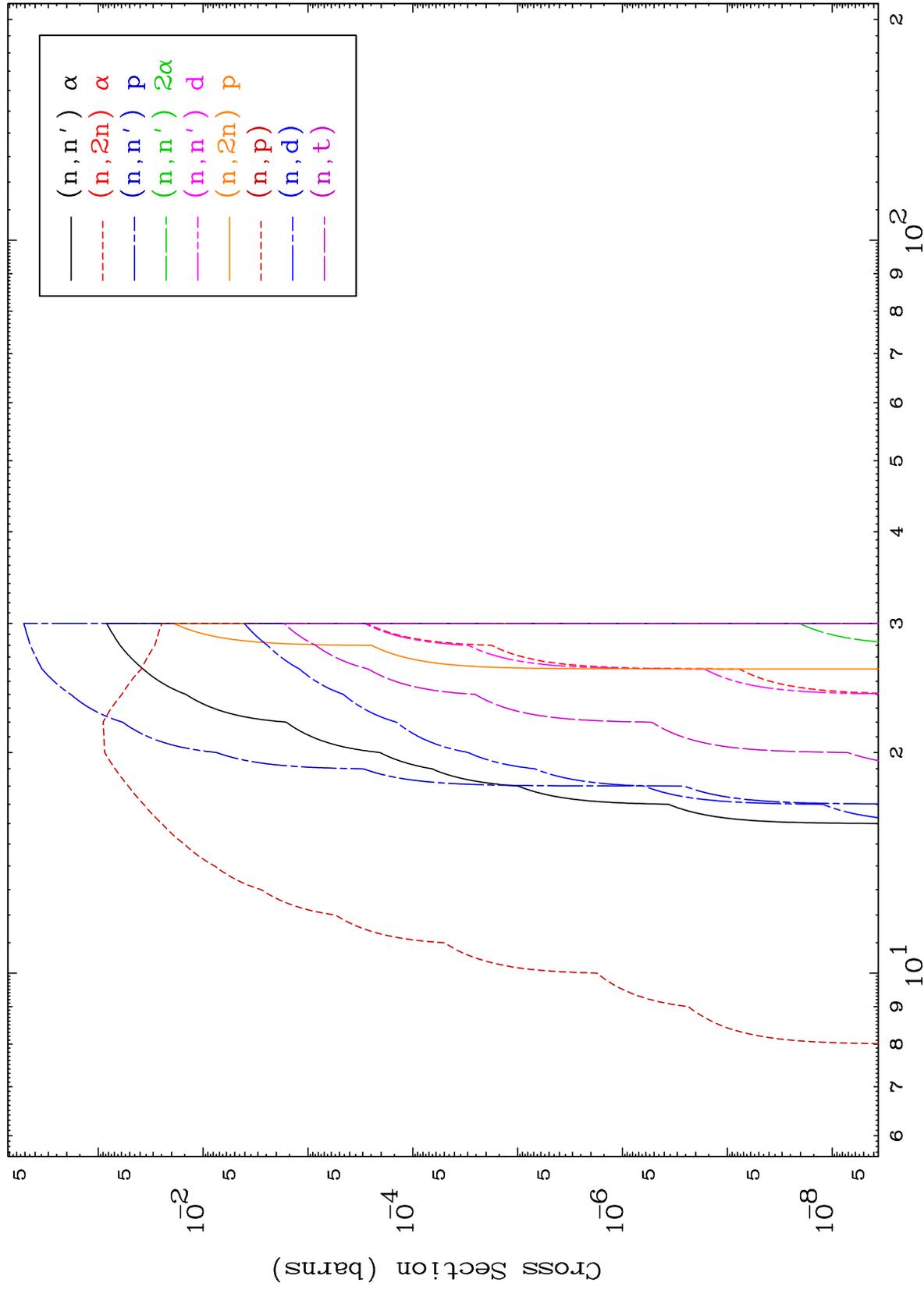
44-Ru-98

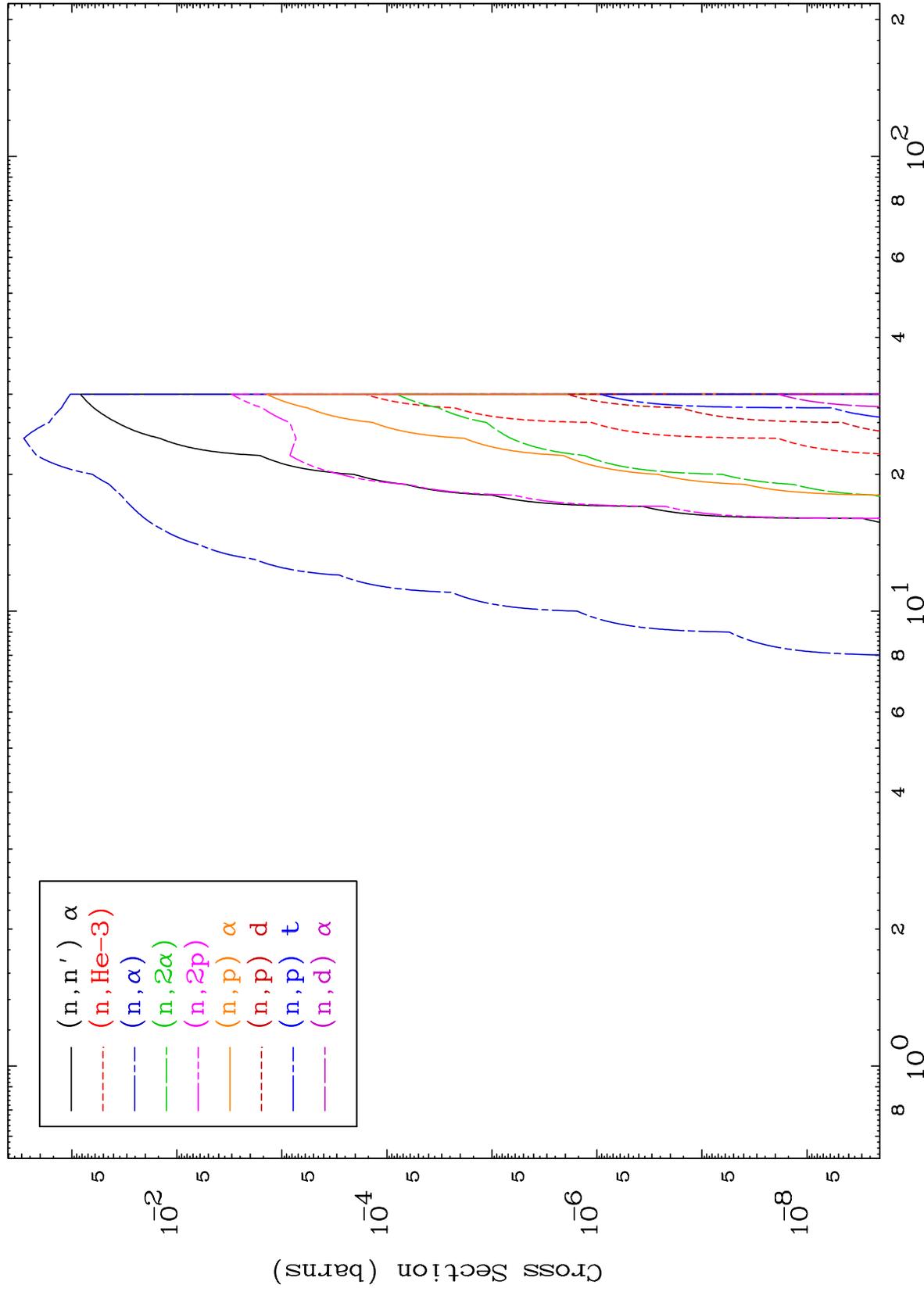


3

Incident Energy (MeV)

44-Ru-98

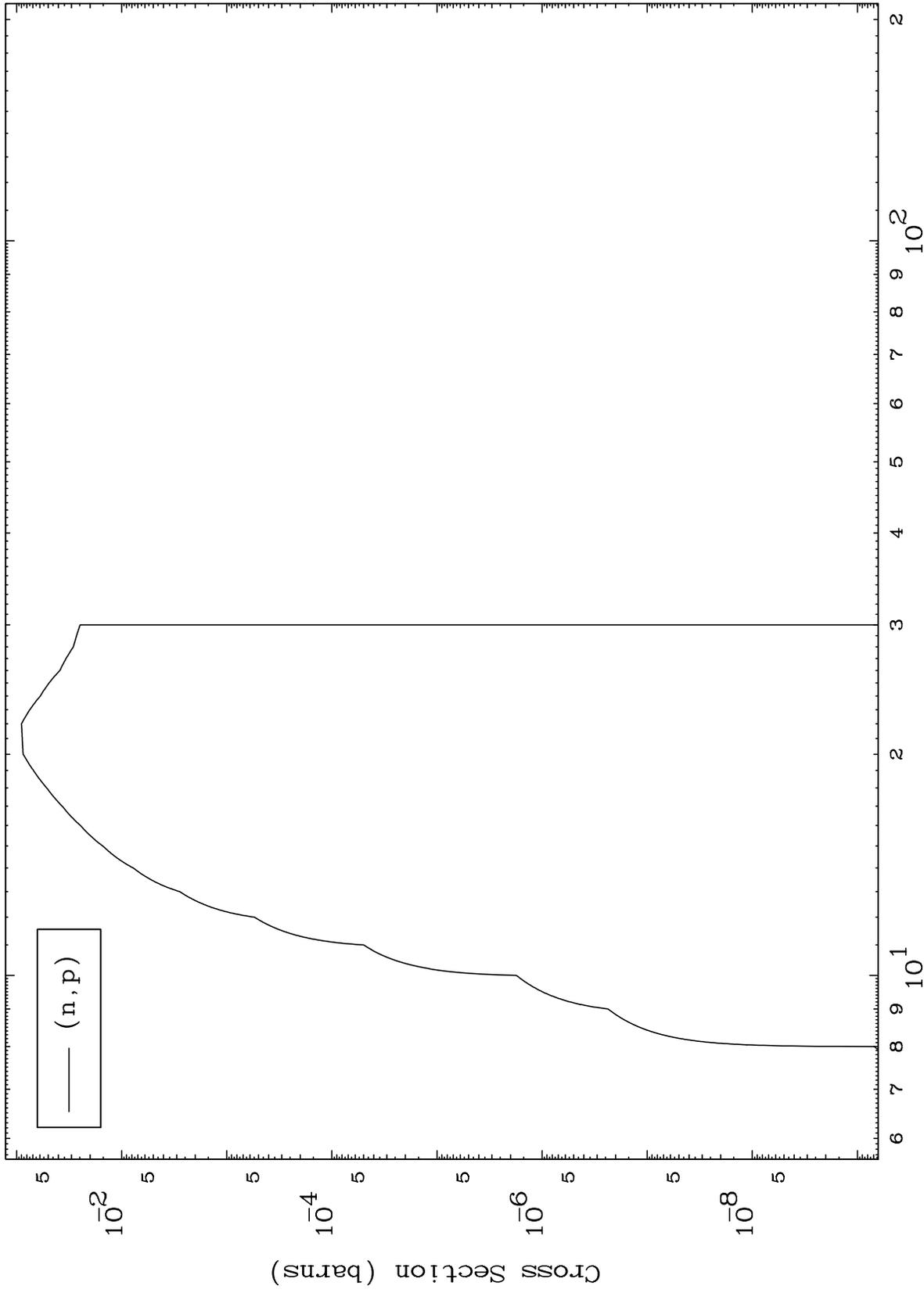




MAT 4431

44-Ru-98

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



6

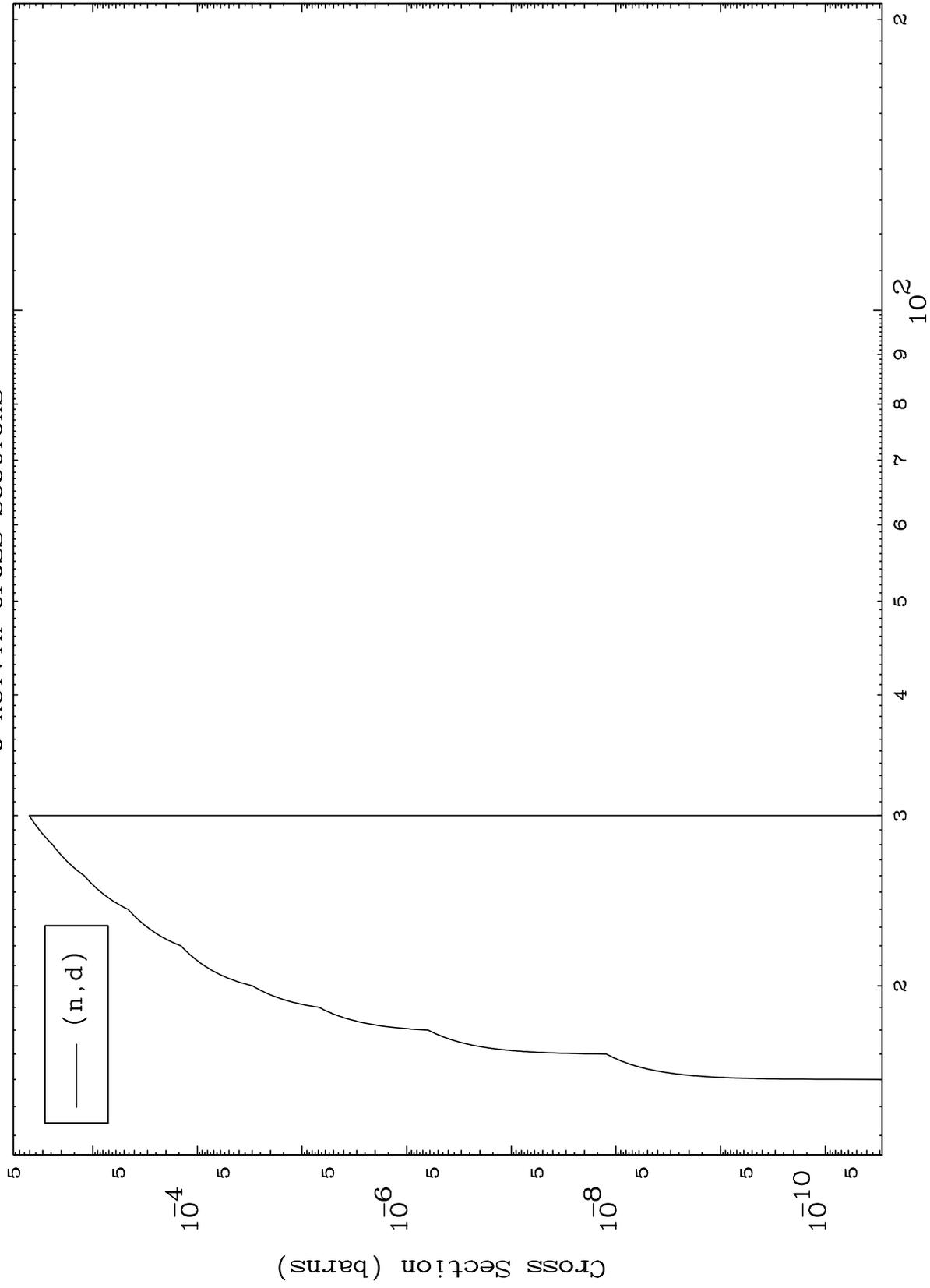
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



7

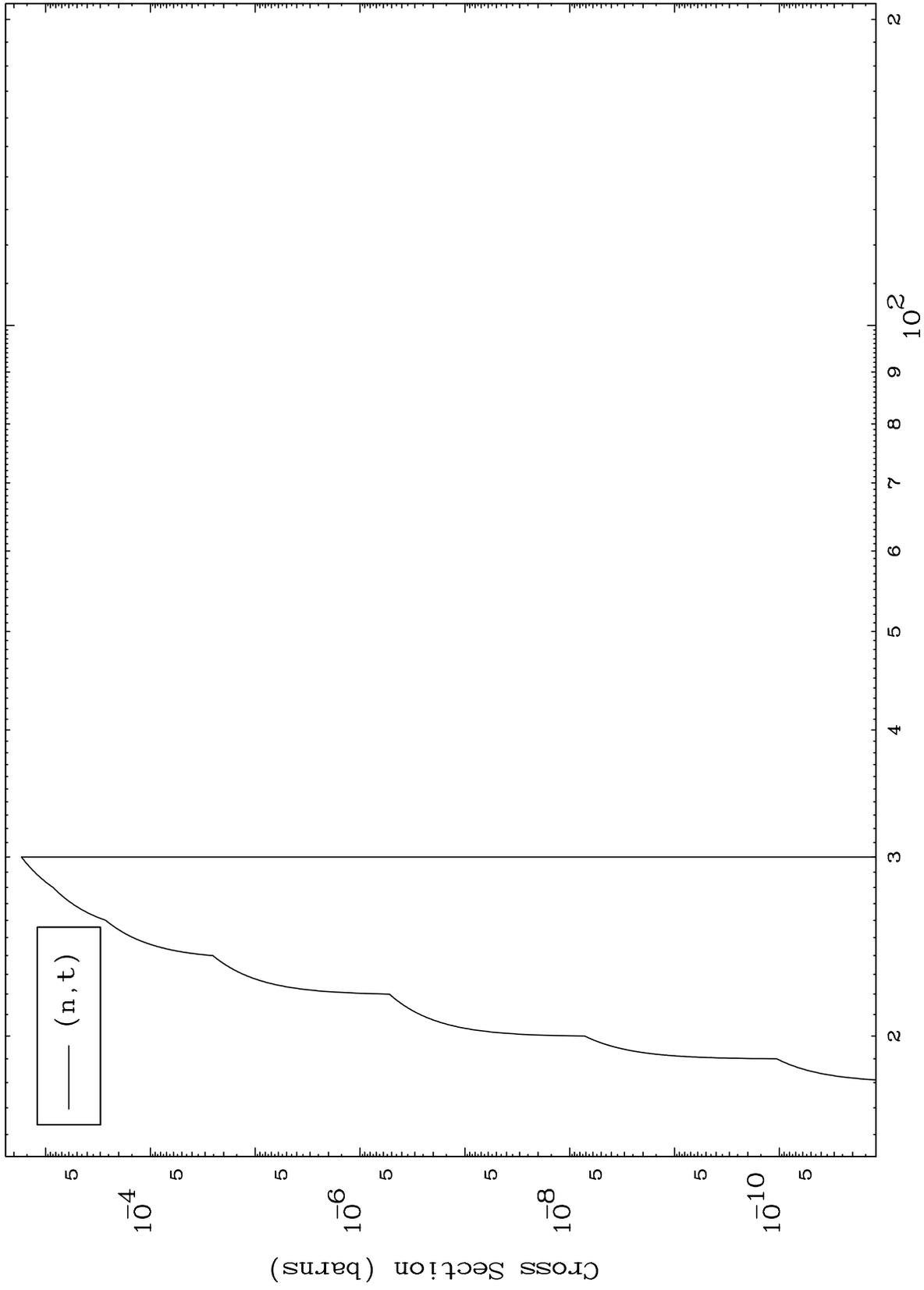
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

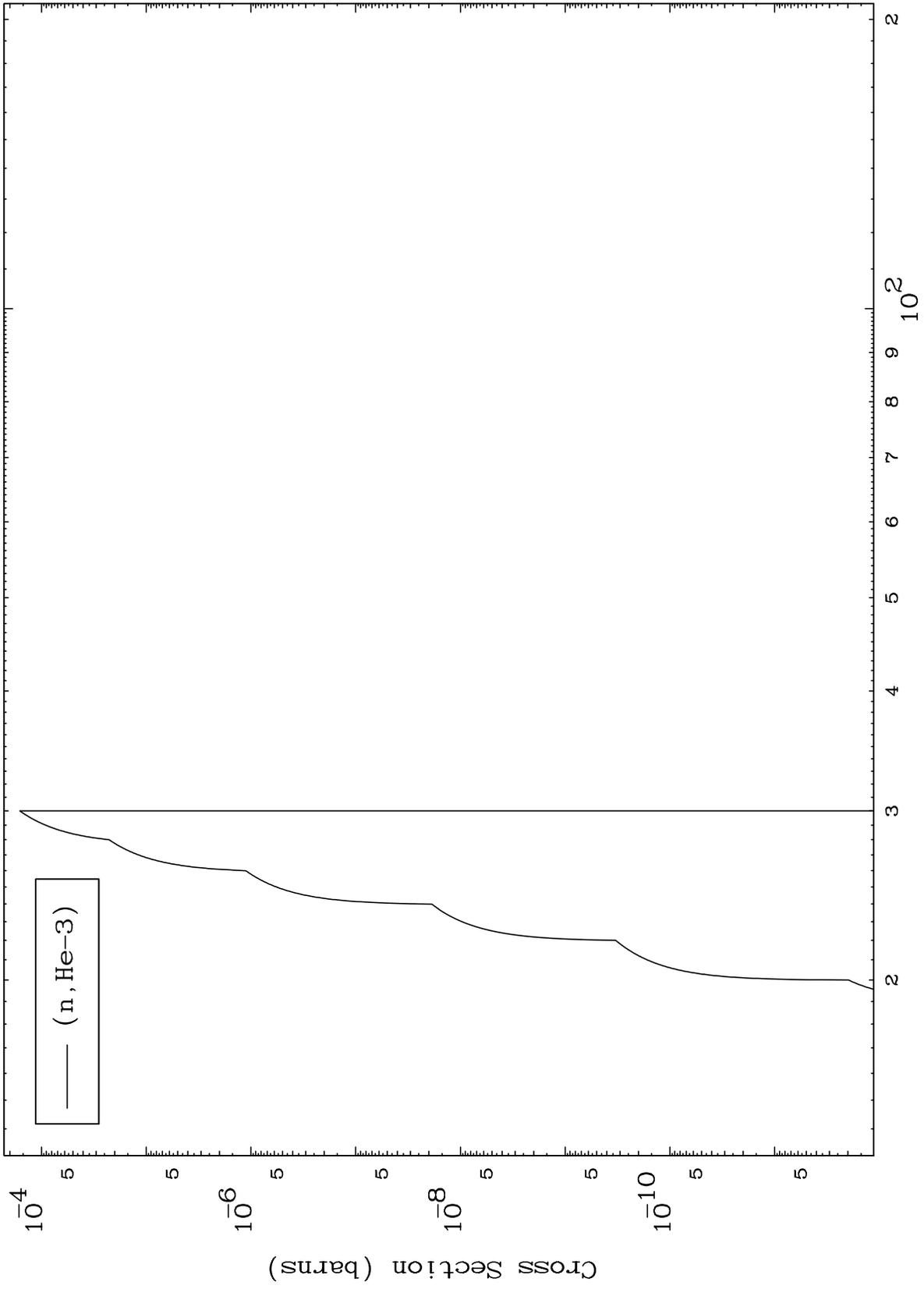
44-Ru-98



8

Incident Energy (MeV)

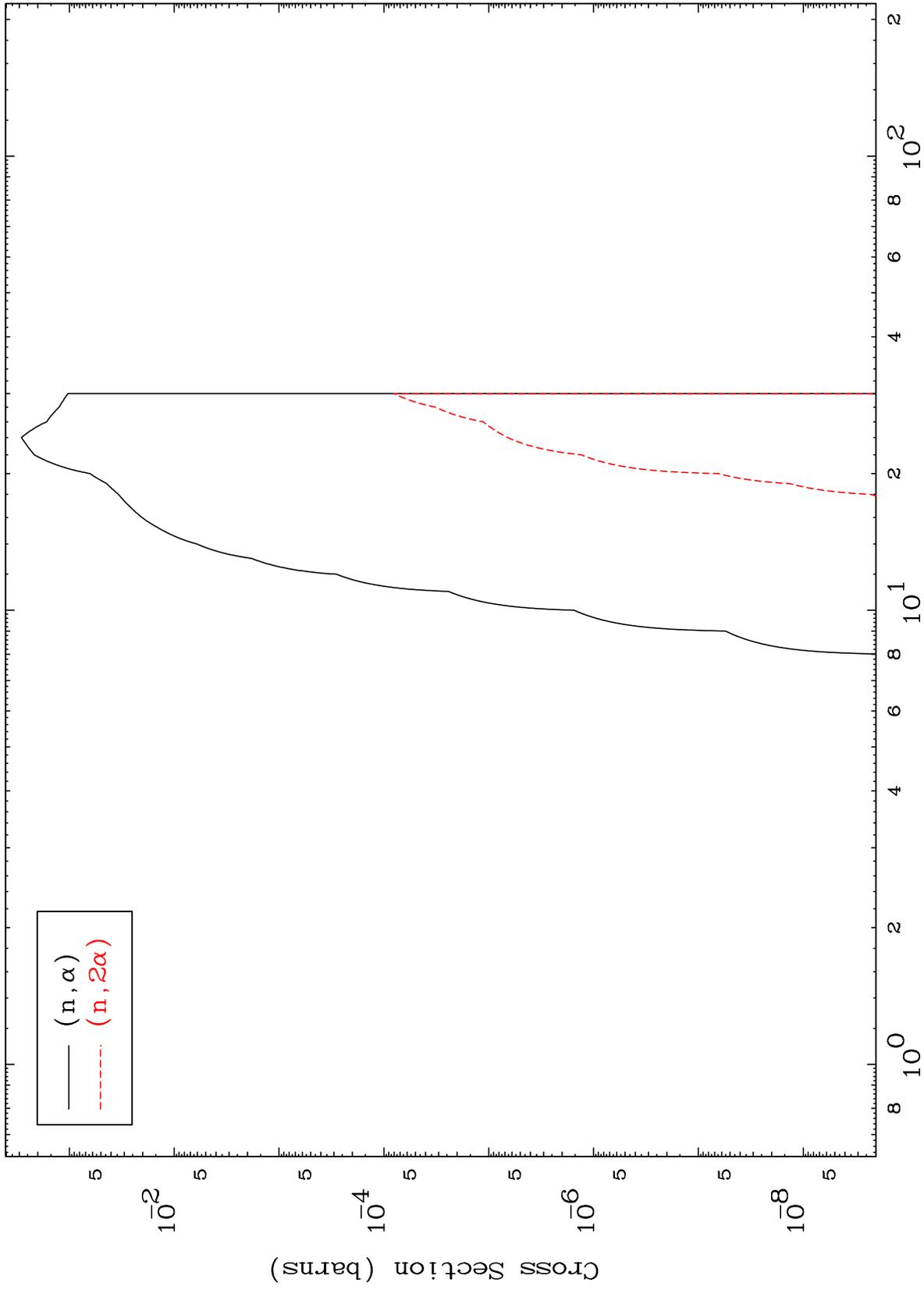
44-Ru-98



MAT 4431

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

44-Ru-98



10

Incident Energy (MeV)

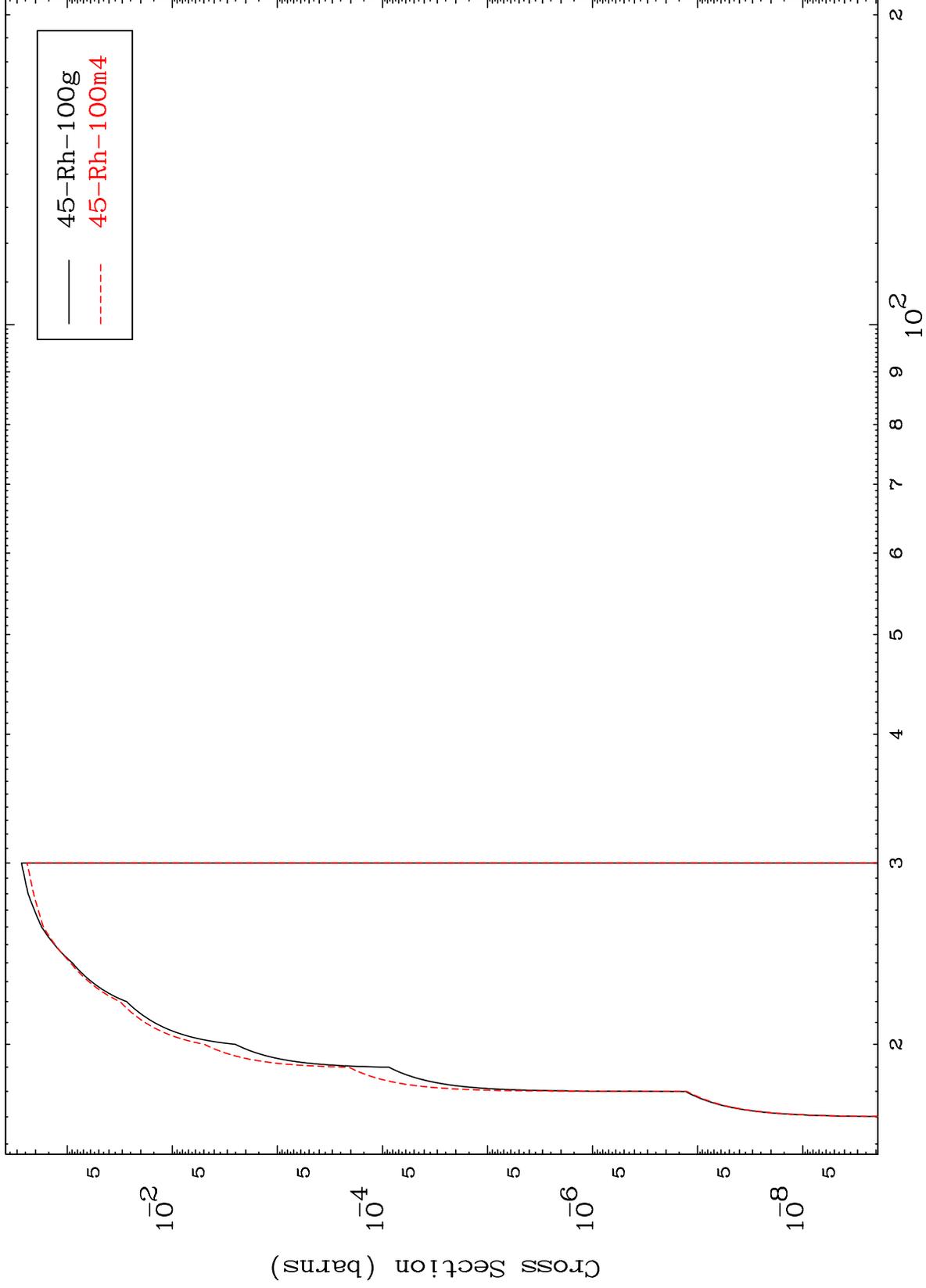
44-Ru-98

MAT 4431

(n,n') p

44-Ru-98

Radionuclide Production Cross Section



11

Incident Energy (MeV)

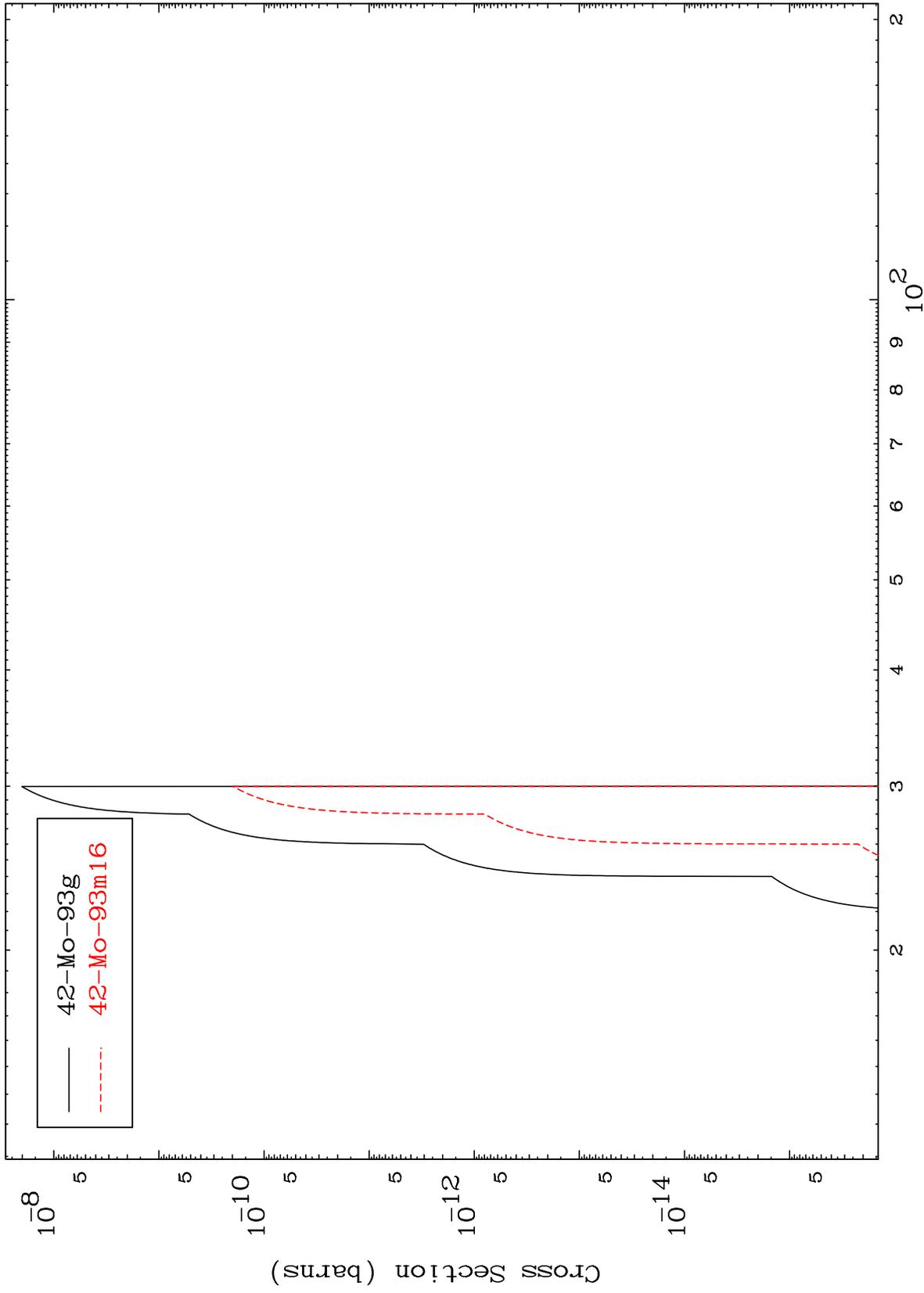
44-Ru-98

MAT 4431

(n,n') 2 $\alpha$

44-Ru-98

Radionuclide Production Cross Section



12

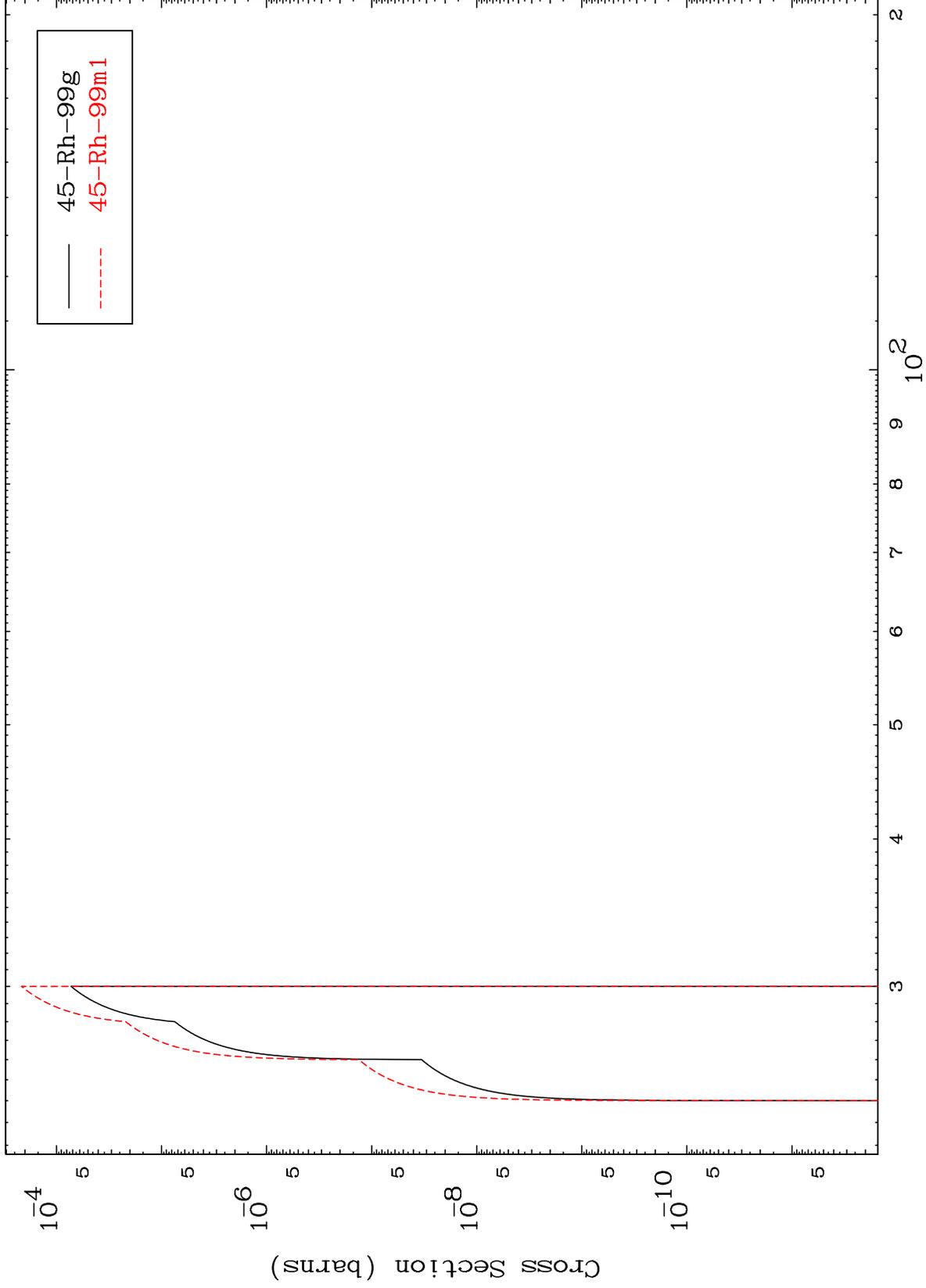
44-Ru-98

MAT 4431

(n,n') d

44-Ru-98

Radionuclide Production Cross Section



13

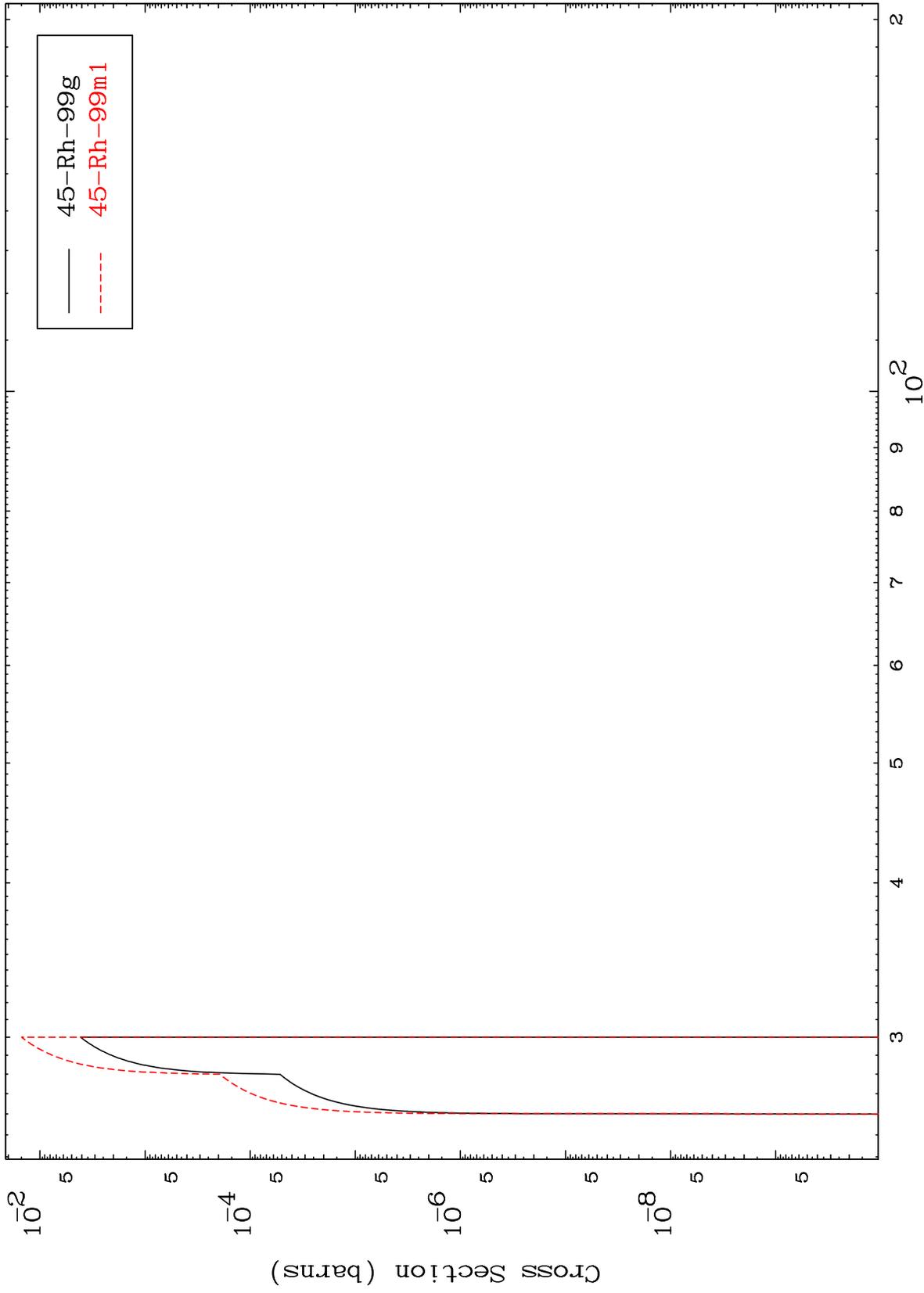
Incident Energy (MeV)

44-Ru-98

MAT 4431

44-Ru-98

(n,2n) p  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

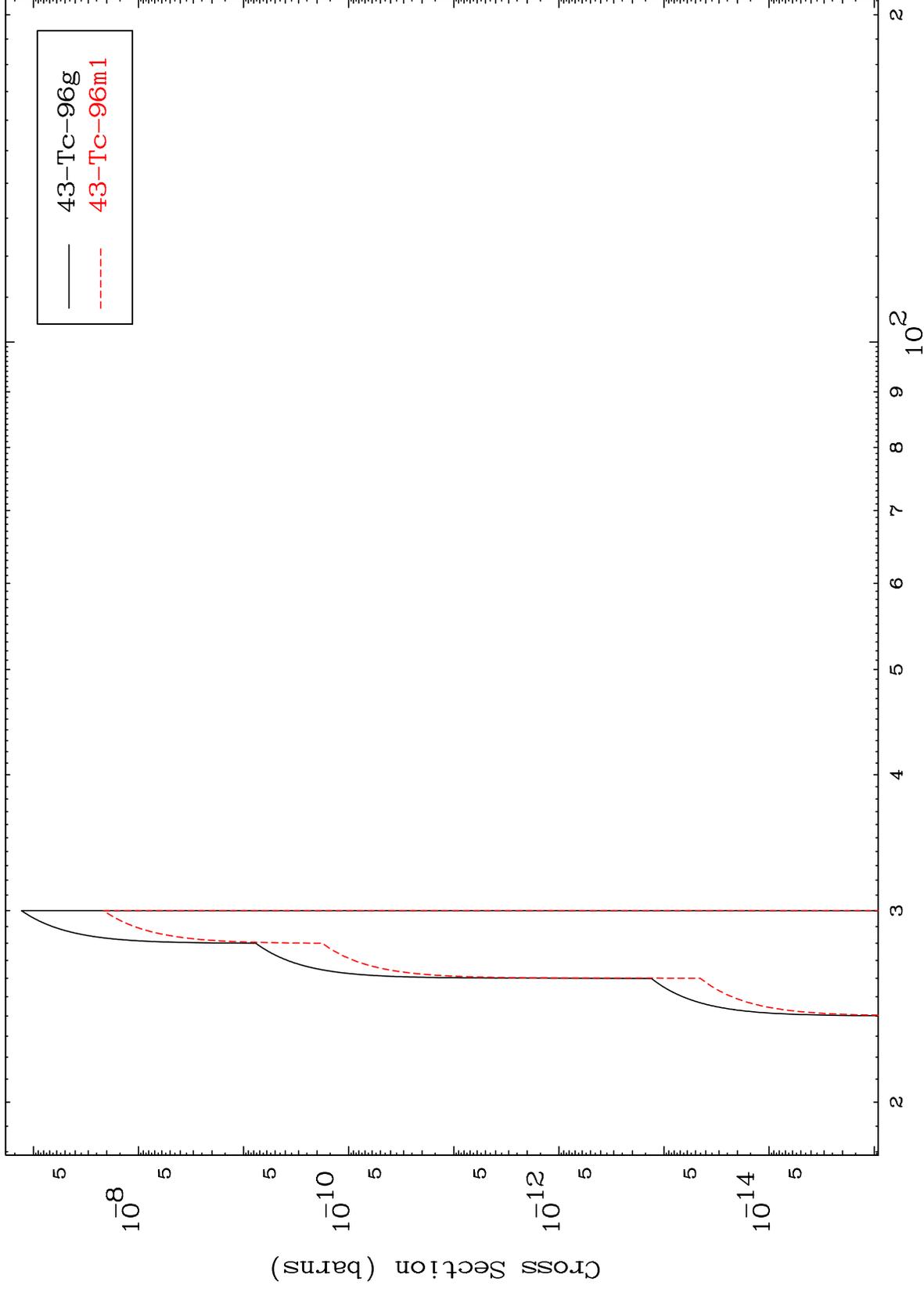
44-Ru-98

MAT 4431

(n,n') p  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



15

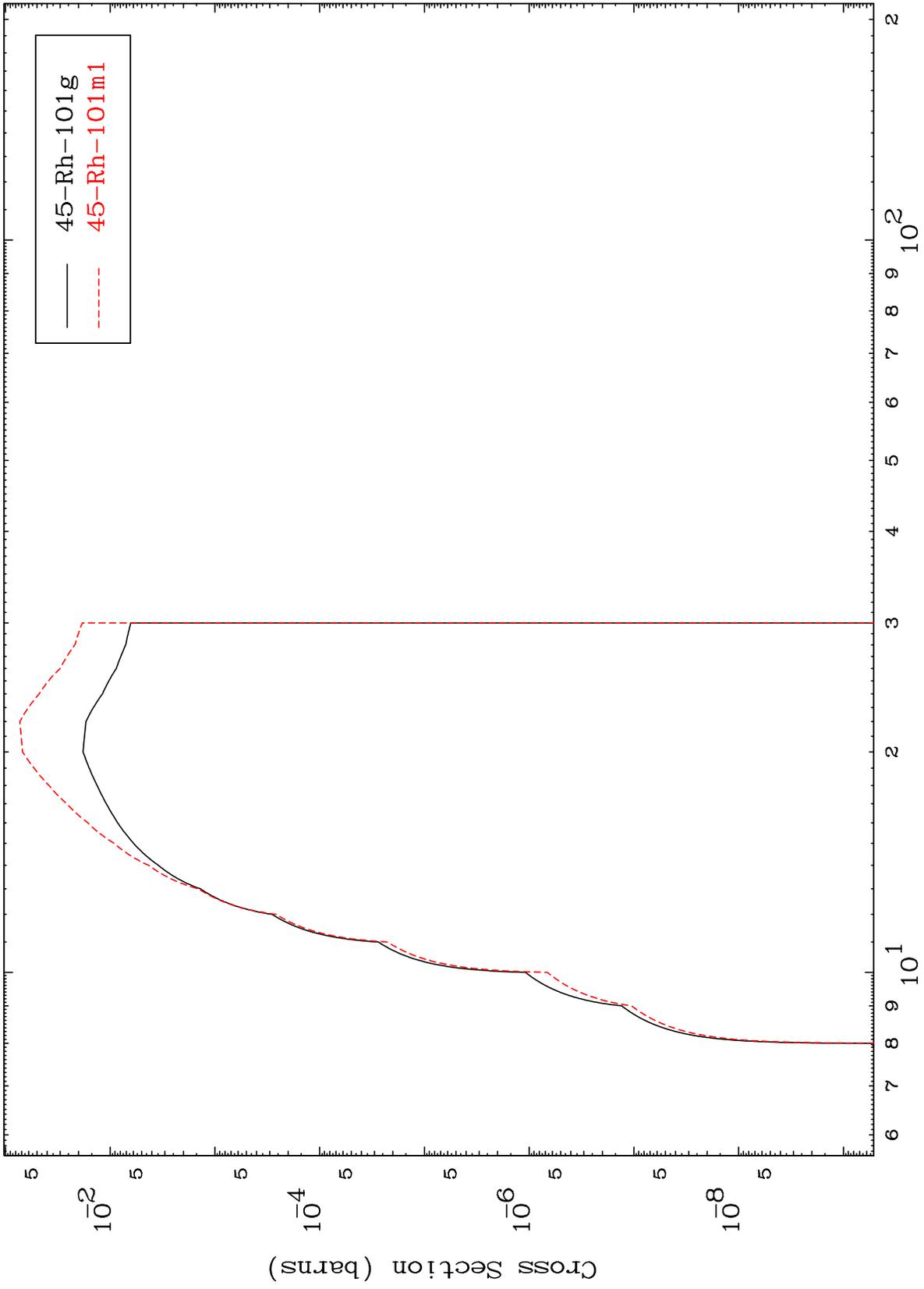
Incident Energy (MeV)

44-Ru-98

MAT 4431

44-Ru-98

(n,p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

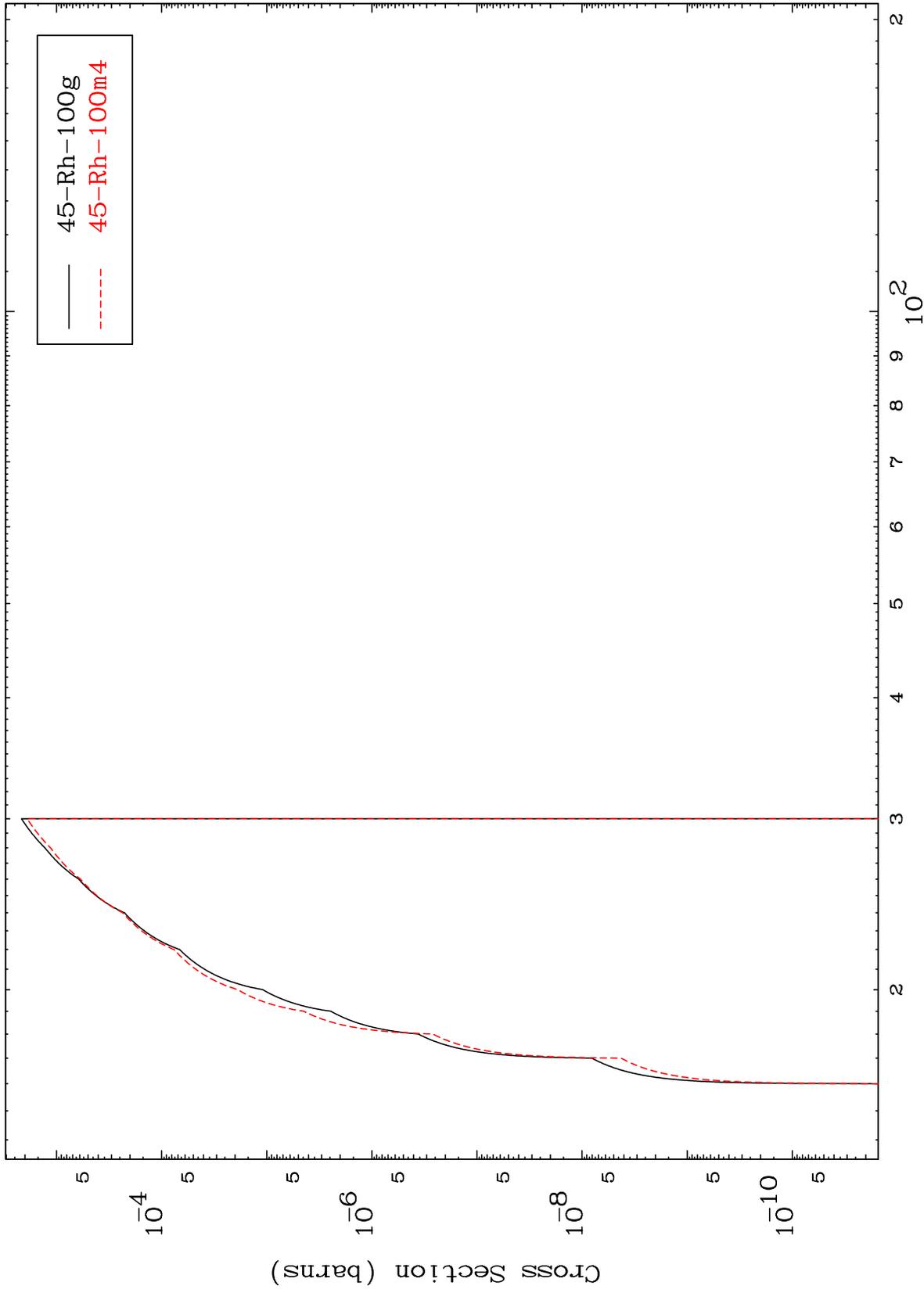
44-Ru-98

MAT 4431

(n,d)

44-Ru-98

Radionuclide Production Cross Section



17

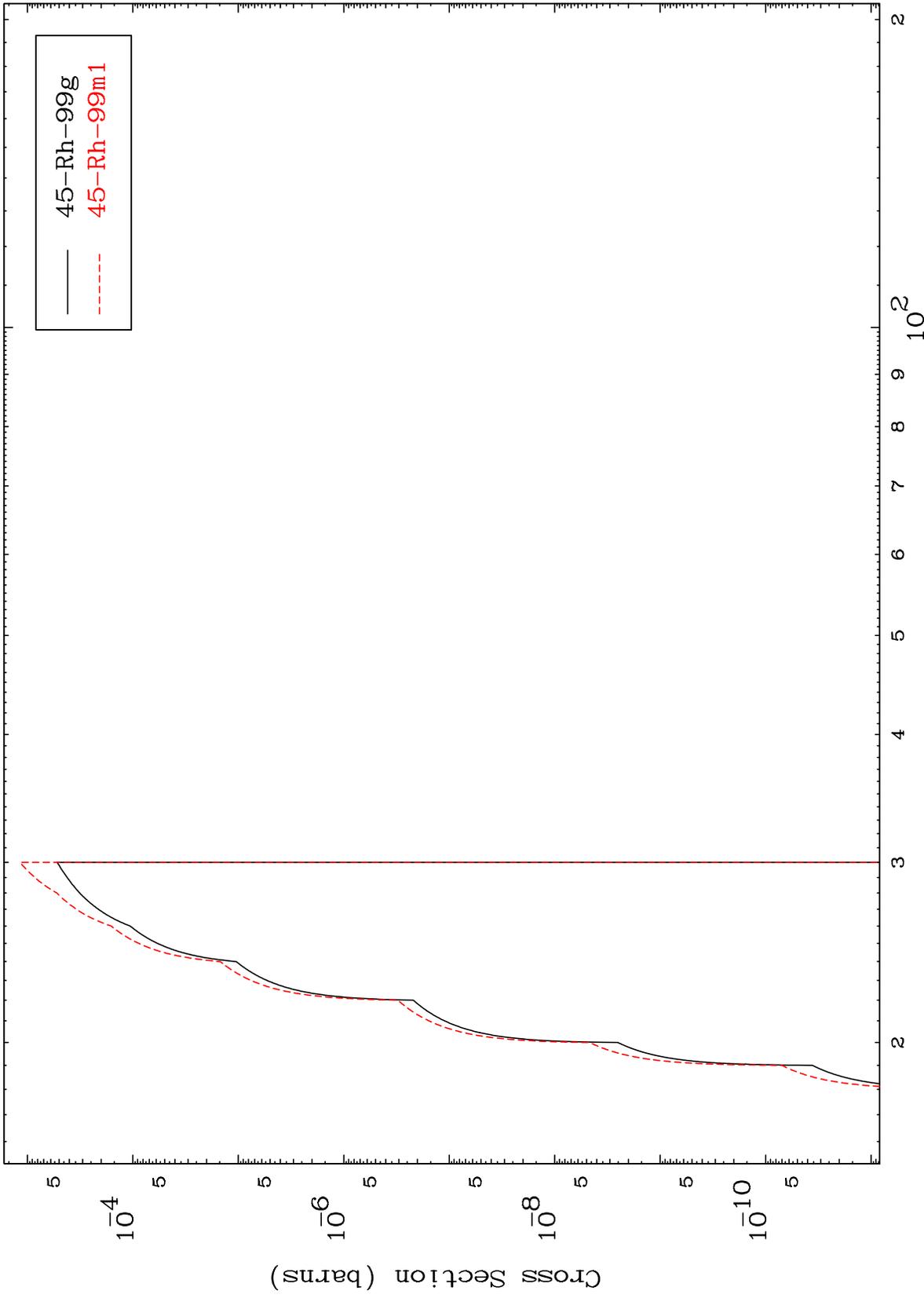
Incident Energy (MeV)

44-Ru-98

MAT 4431

44-Ru-98

(n, t)  
Radionuclide Production Cross Section



18

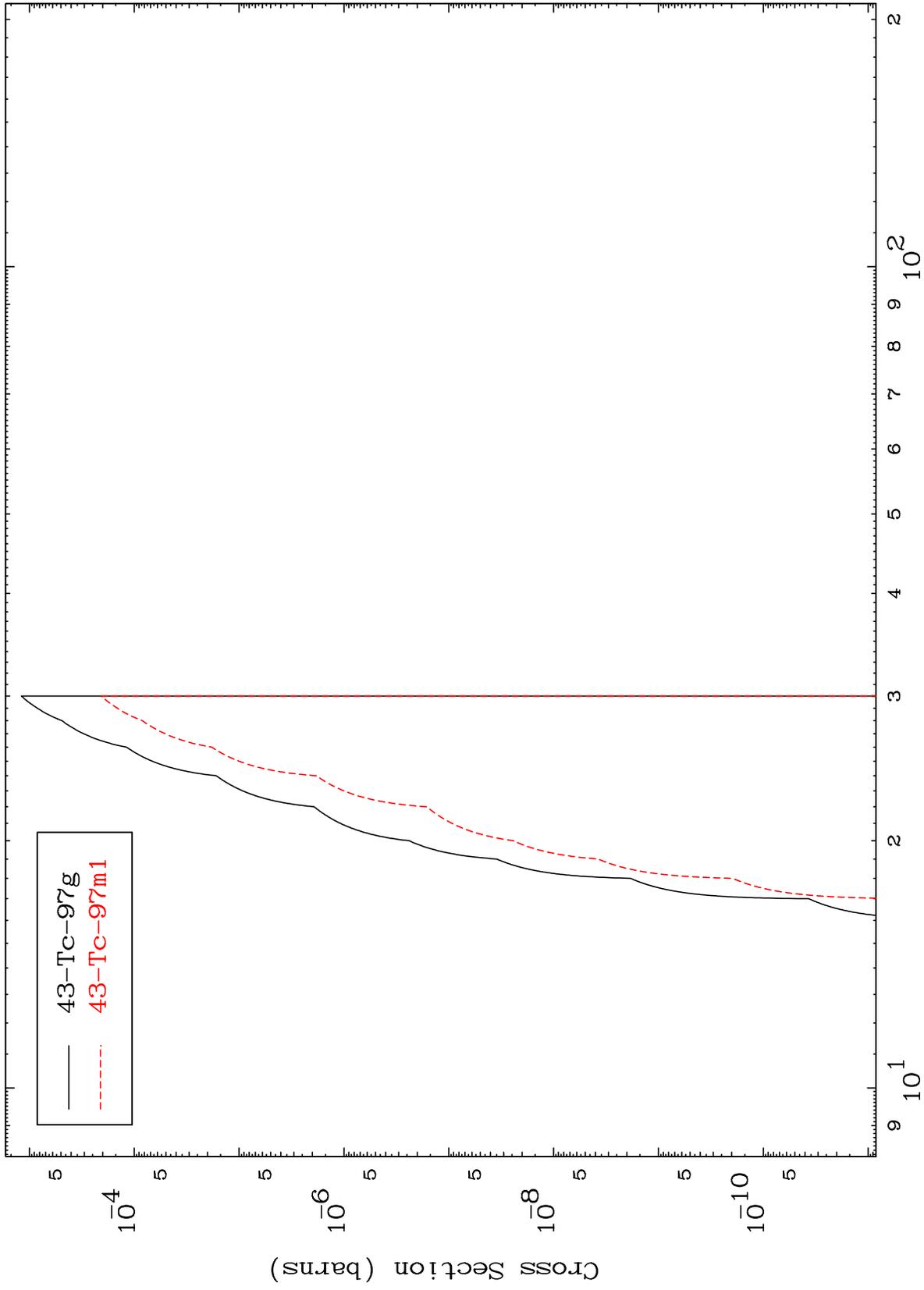
44-Ru-98

MAT 4431

(n,p)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



19

Incident Energy (MeV)

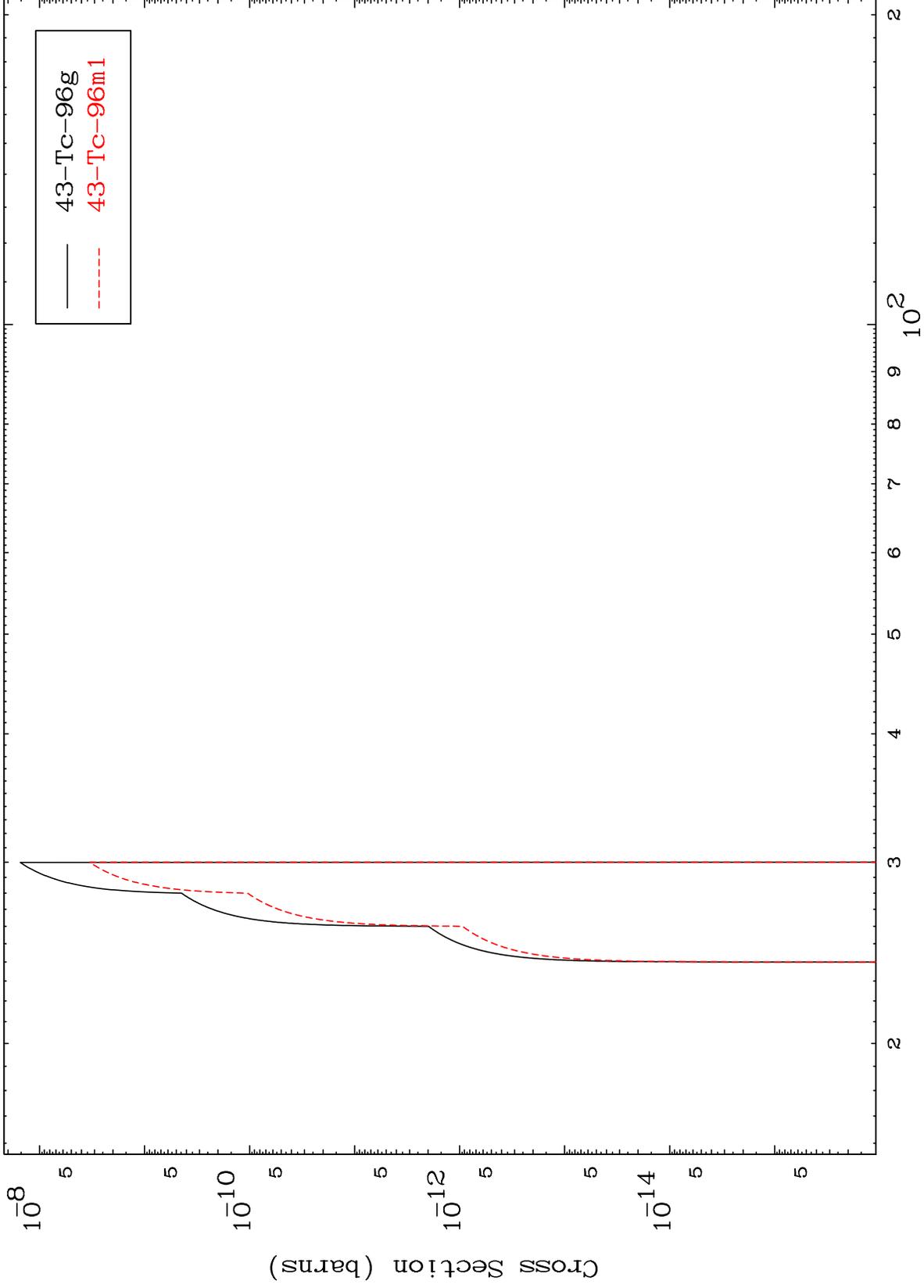
44-Ru-98

MAT 4431

(n,d)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



20

Incident Energy (MeV)

44-Ru-98