

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

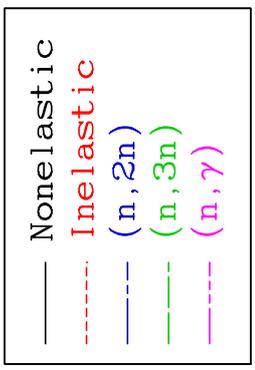
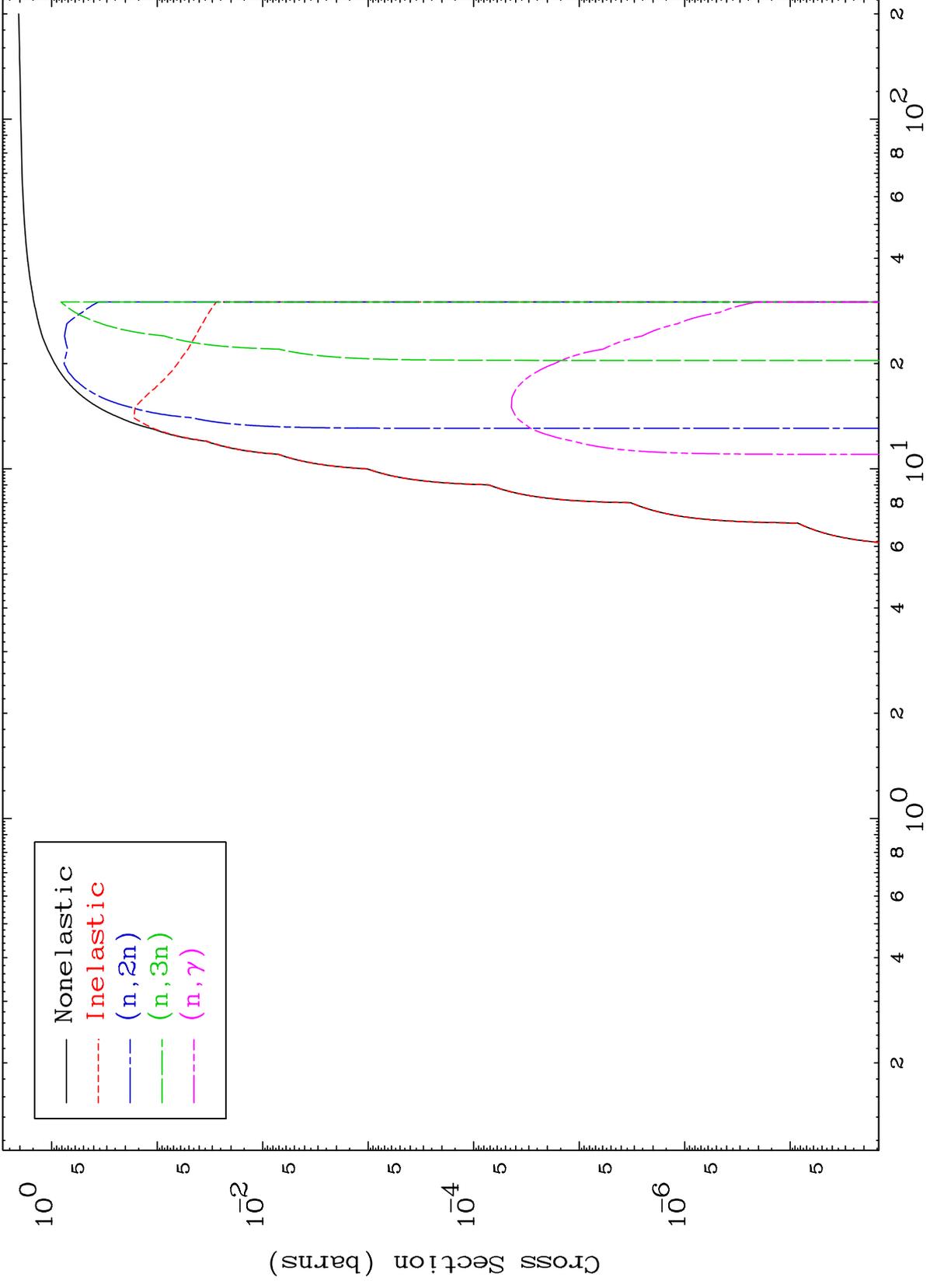
Press Mouse Button to Start

MAT 4446

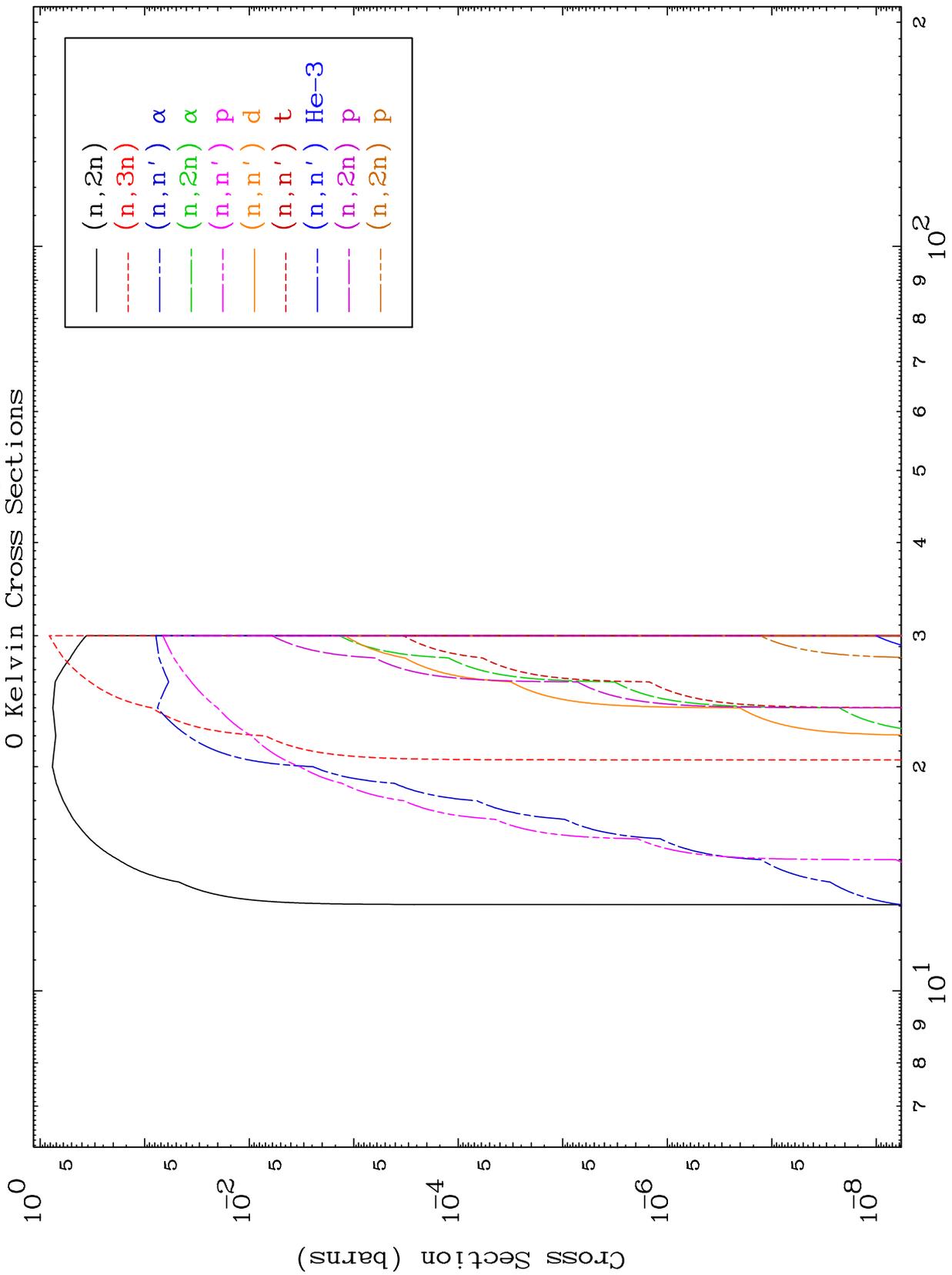
$\alpha$  Major

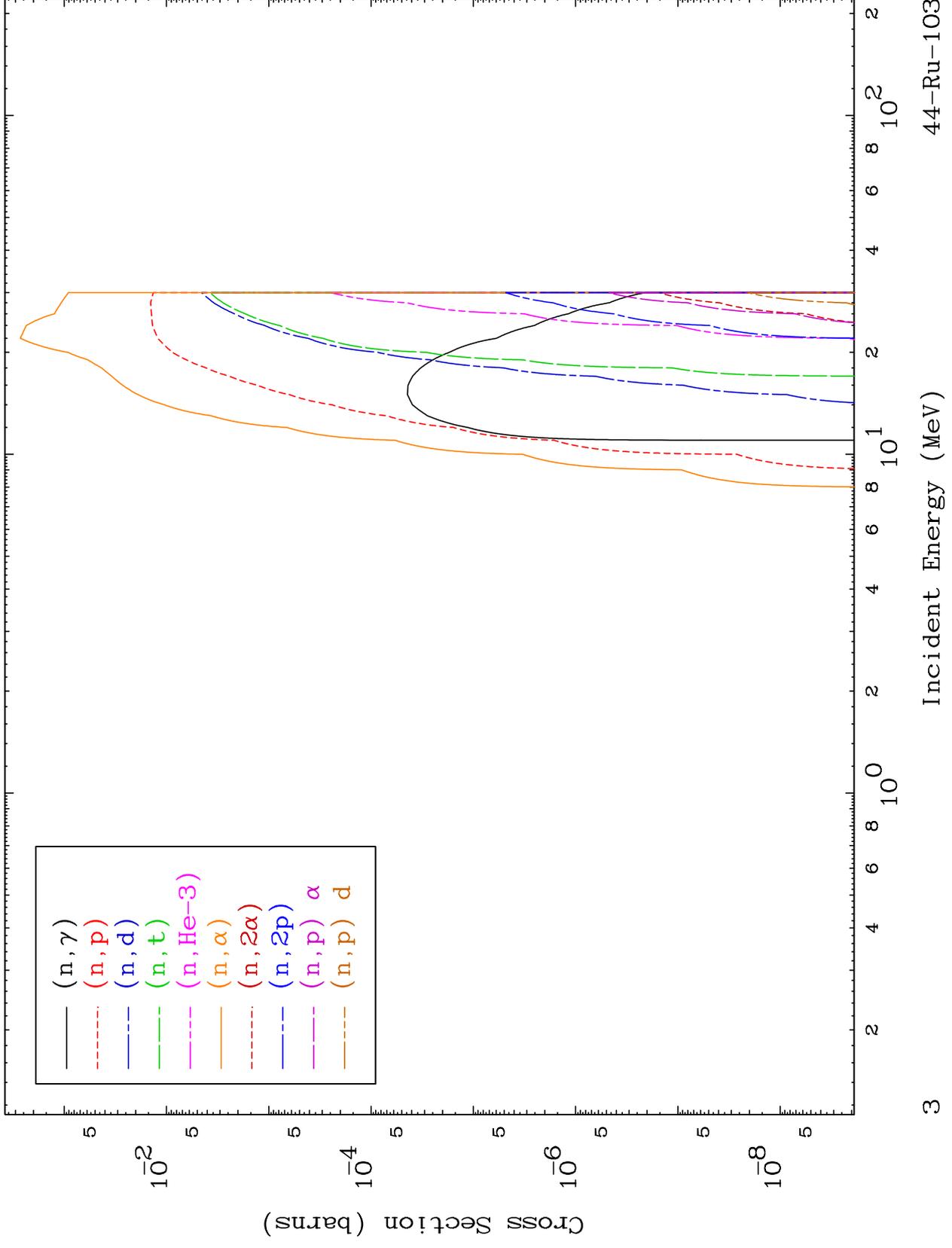
44-Ru-103

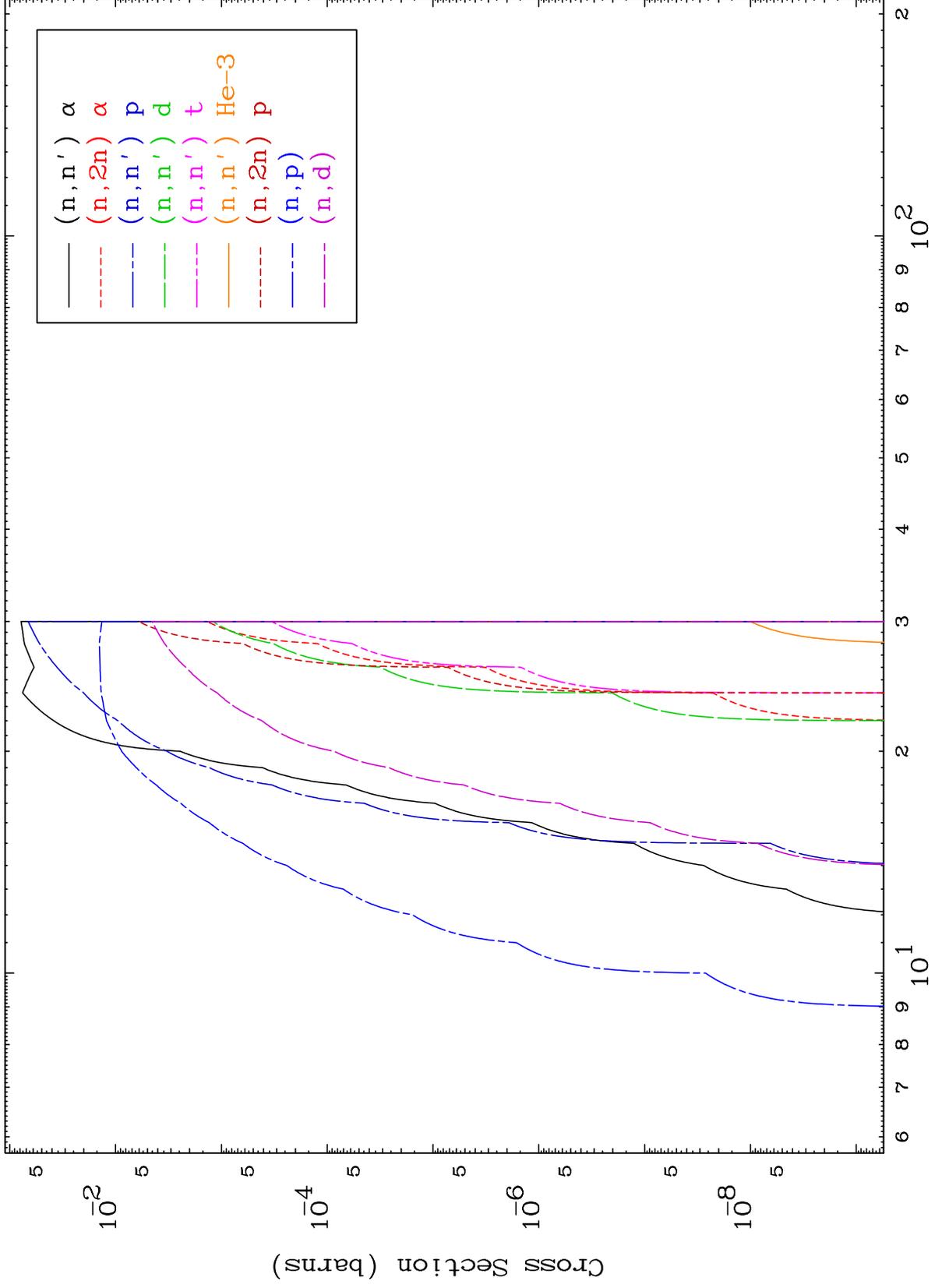
0 Kelvin Cross Sections

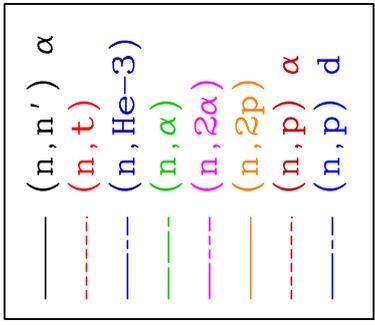
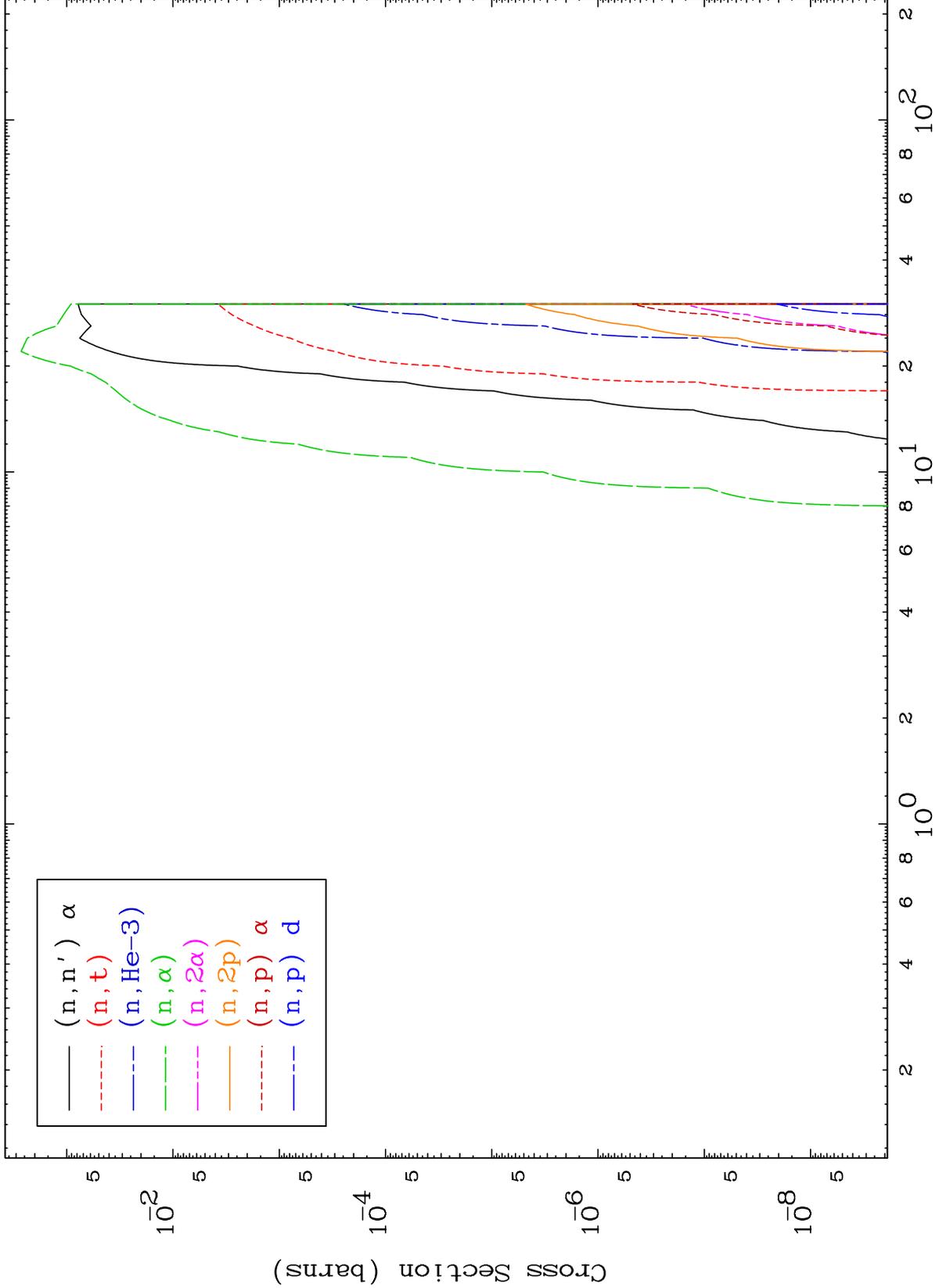


$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections







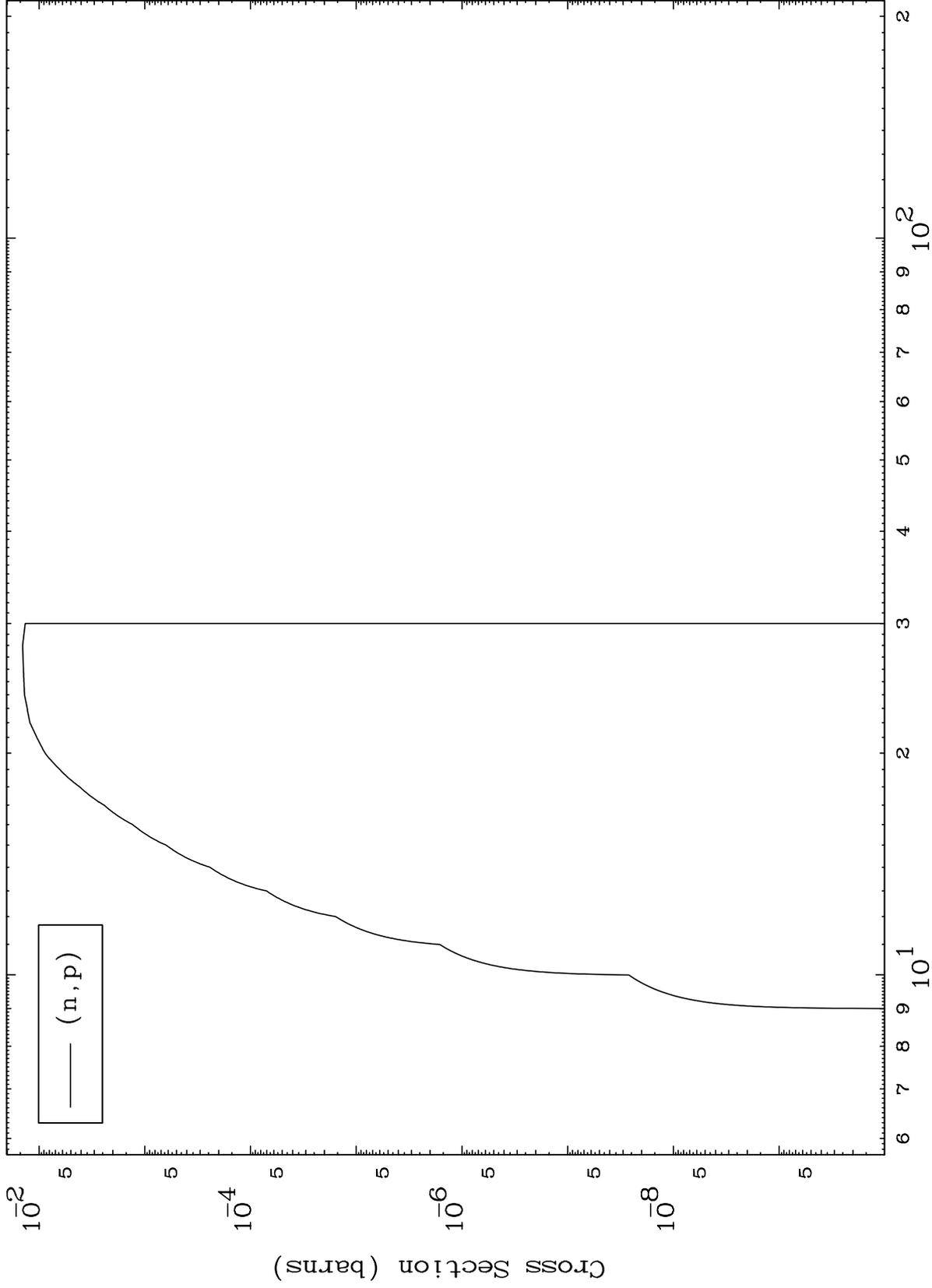


MAT 4446

( $\alpha, p$ ) Levels

44-Ru-103

0 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-103

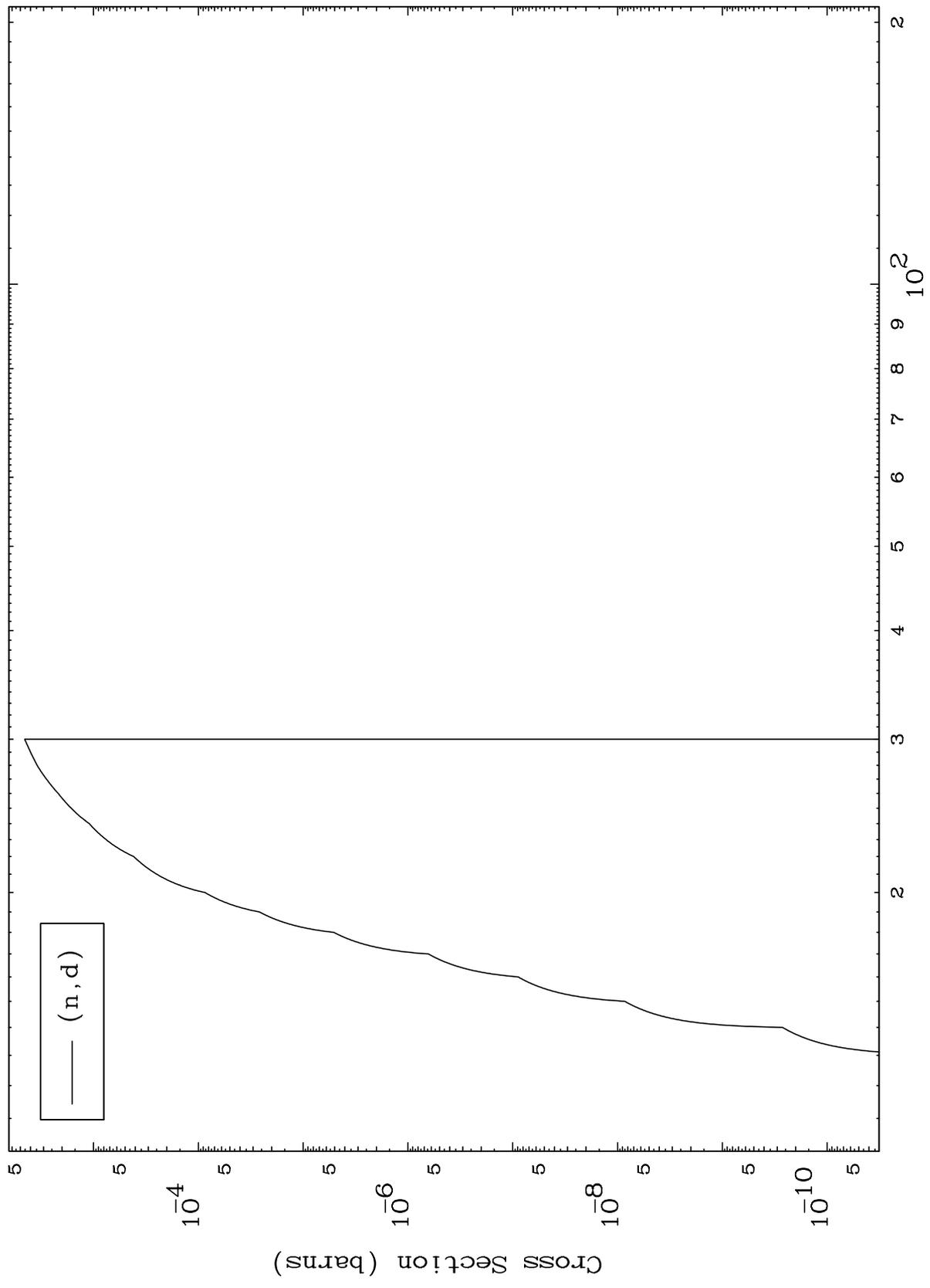
6

MAT 4446

( $\alpha, d$ ) Levels

44-Ru-103

0 Kelvin Cross Sections

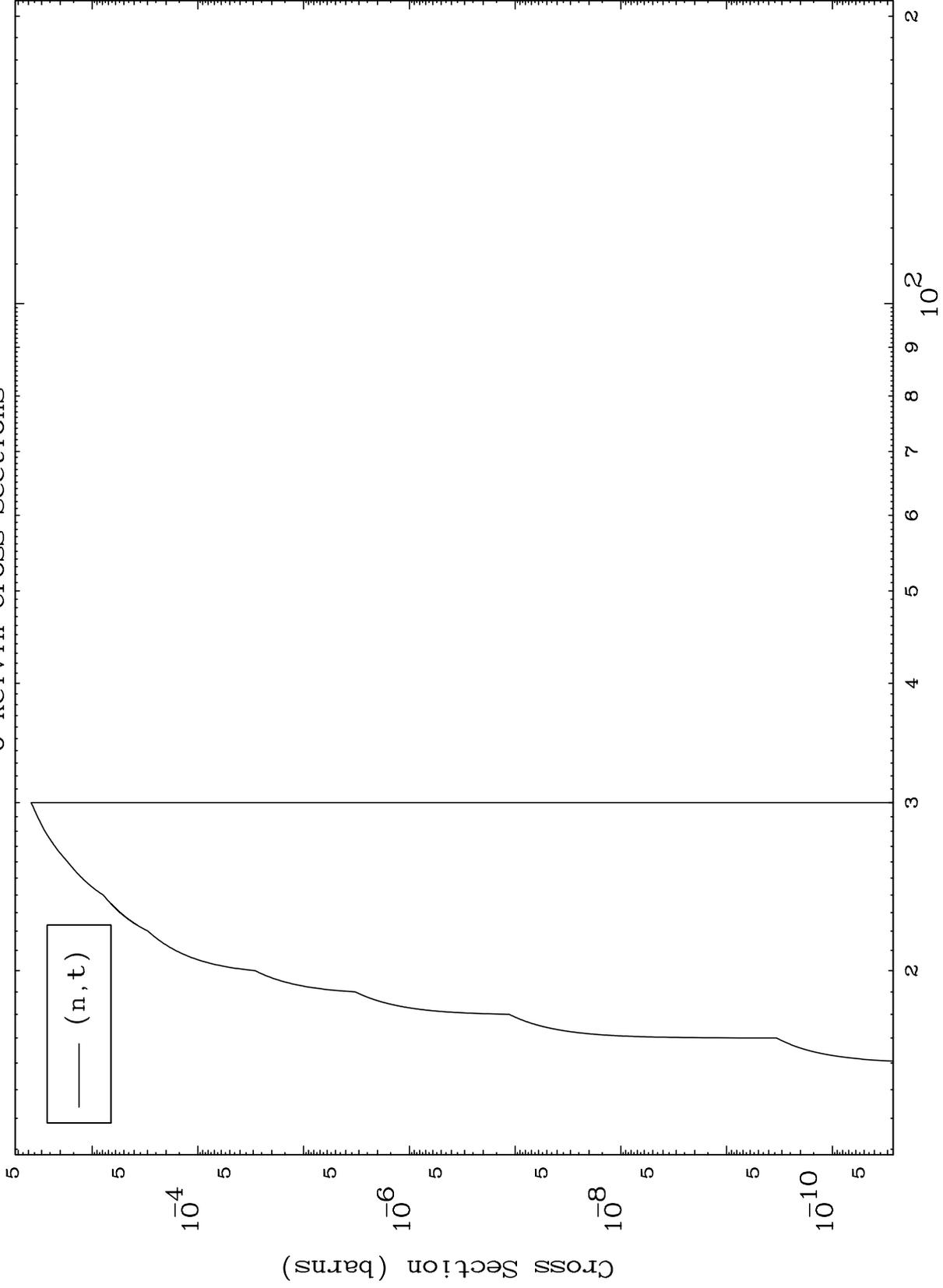


MAT 4446

( $\alpha, t$ ) Levels

44-Ru-103

0 Kelvin Cross Sections



8

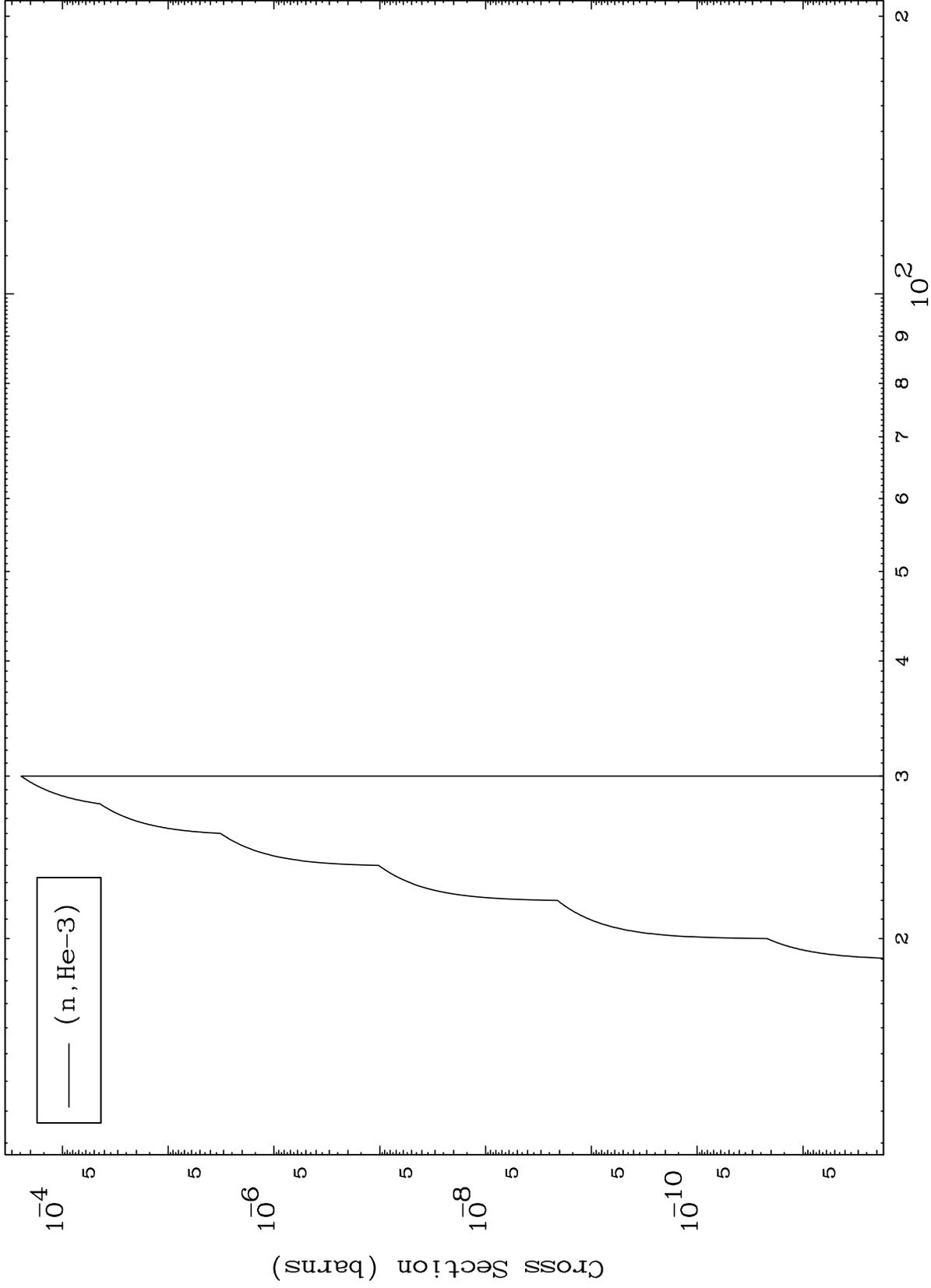
Incident Energy (MeV)

44-Ru-103

MAT 4446

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

44-Ru-103

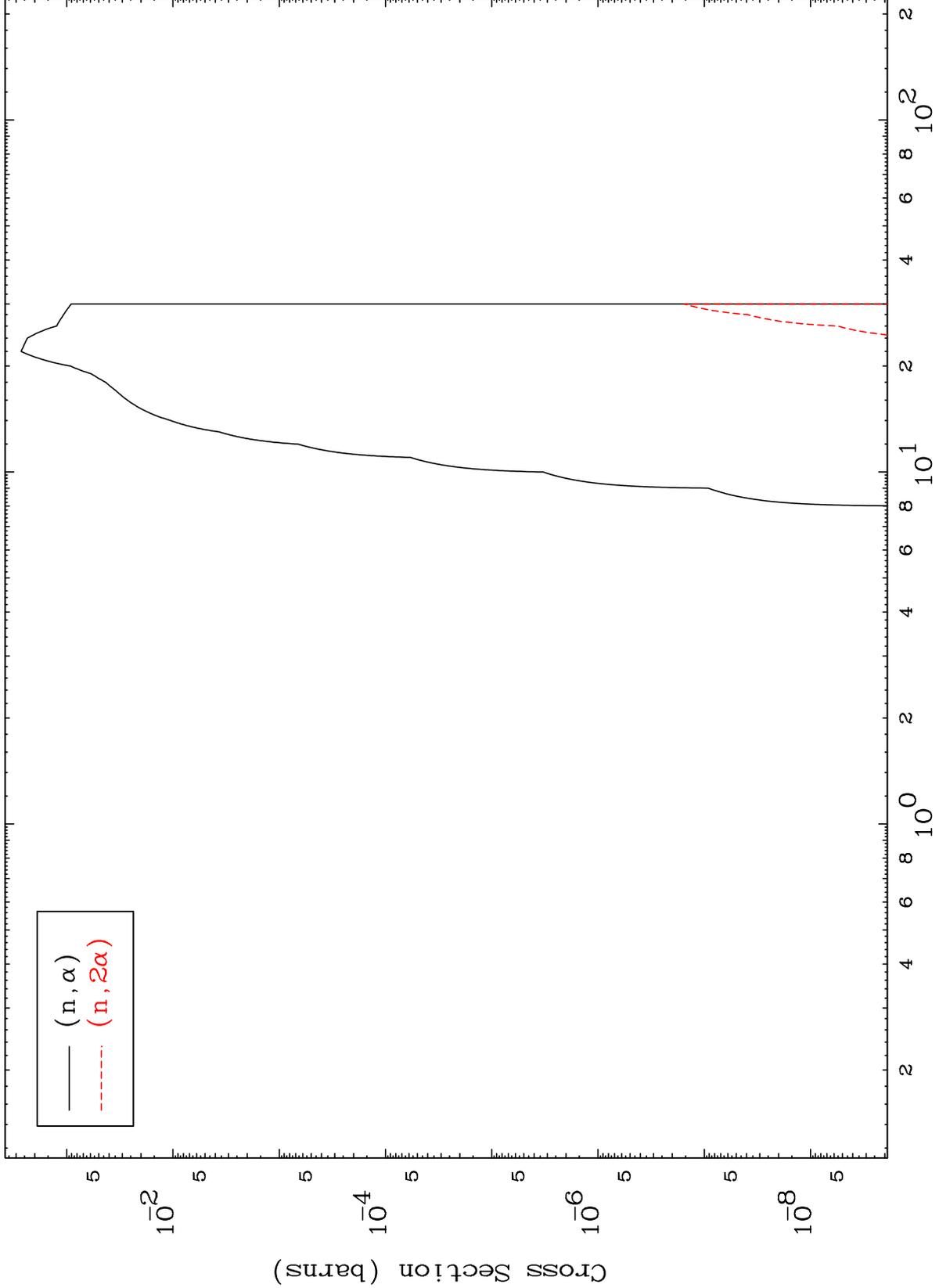


MAT 4446

( $\alpha, \alpha$ ) Levels

44-Ru-103

0 Kelvin Cross Sections



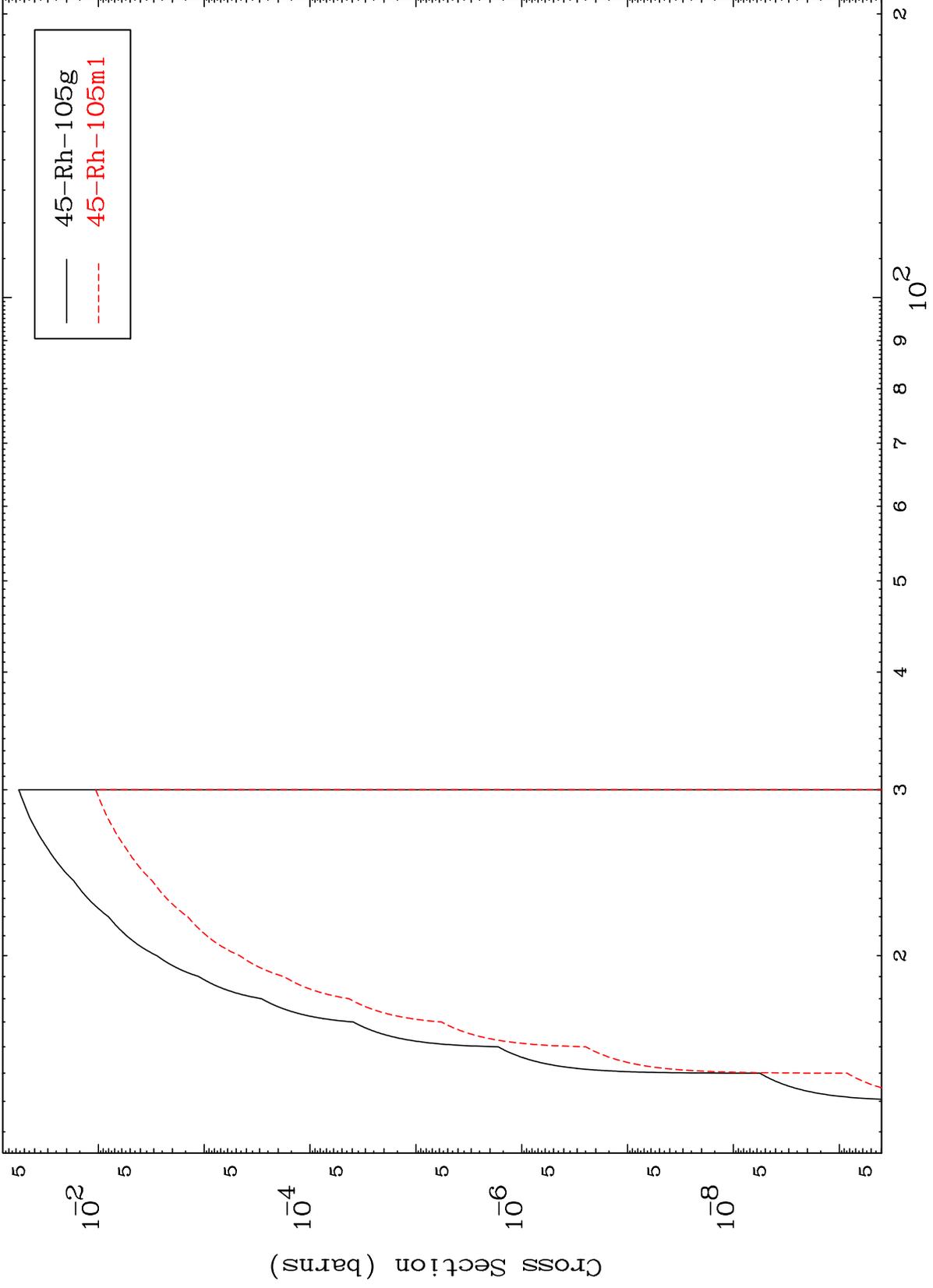
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

44-Ru-103

Radionuclide Production Cross Section

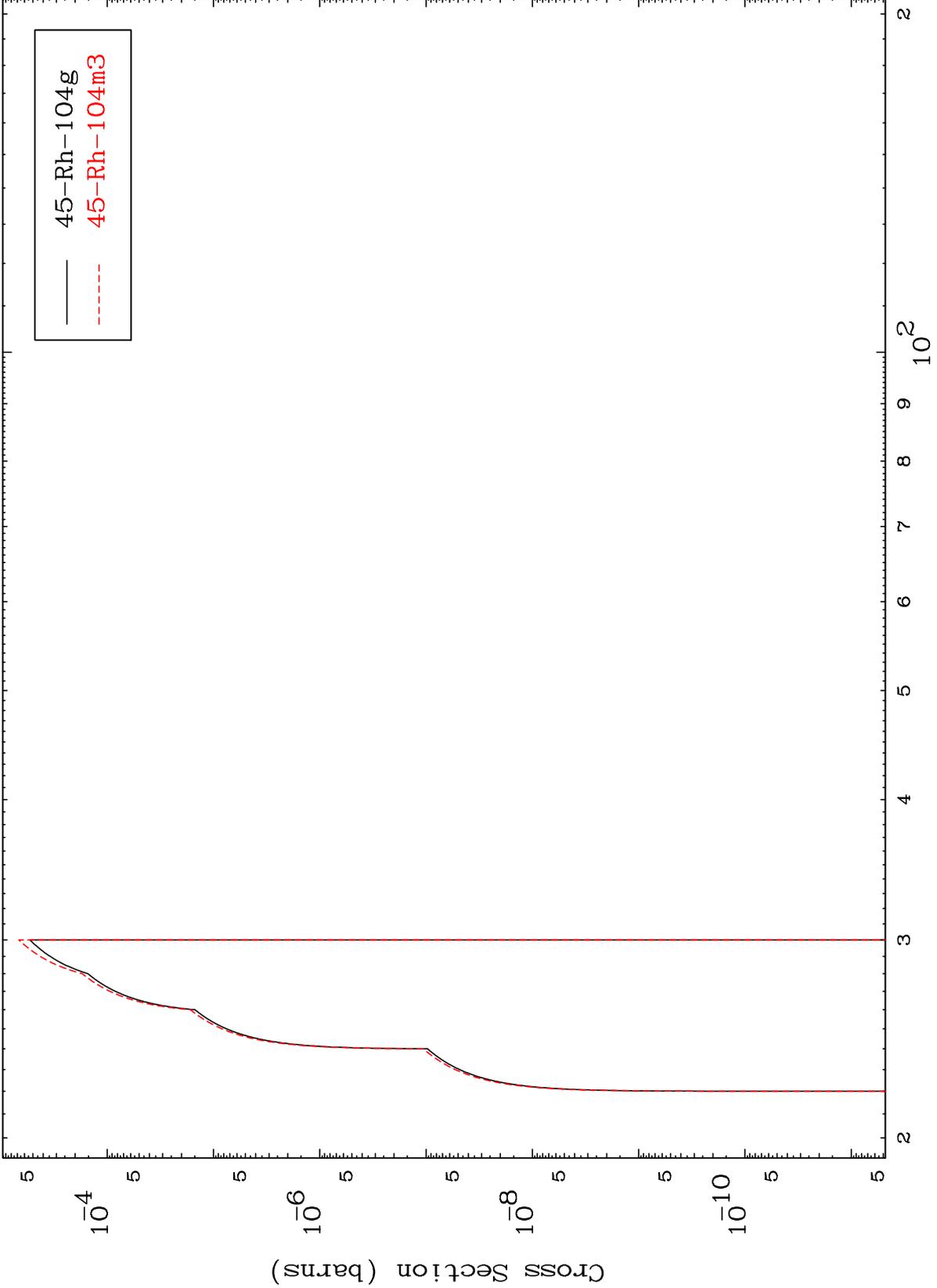


MAT 4446

(n,n') d

44-Ru-103

Radionuclide Production Cross Section



12

Incident Energy (MeV)

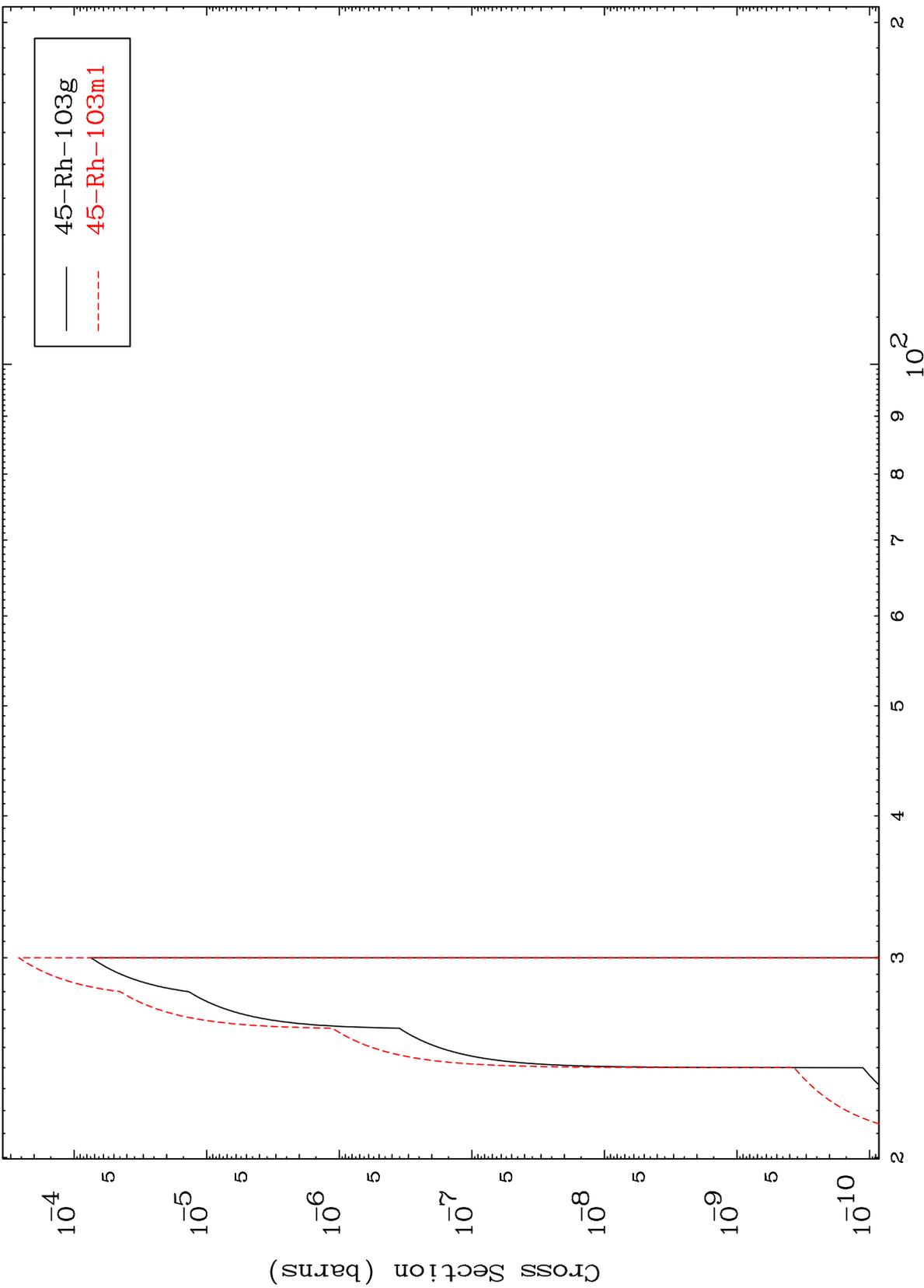
44-Ru-103

MAT 4446

(n,n') t

44-Ru-103

Radionuclide Production Cross Section



13

Incident Energy (MeV)

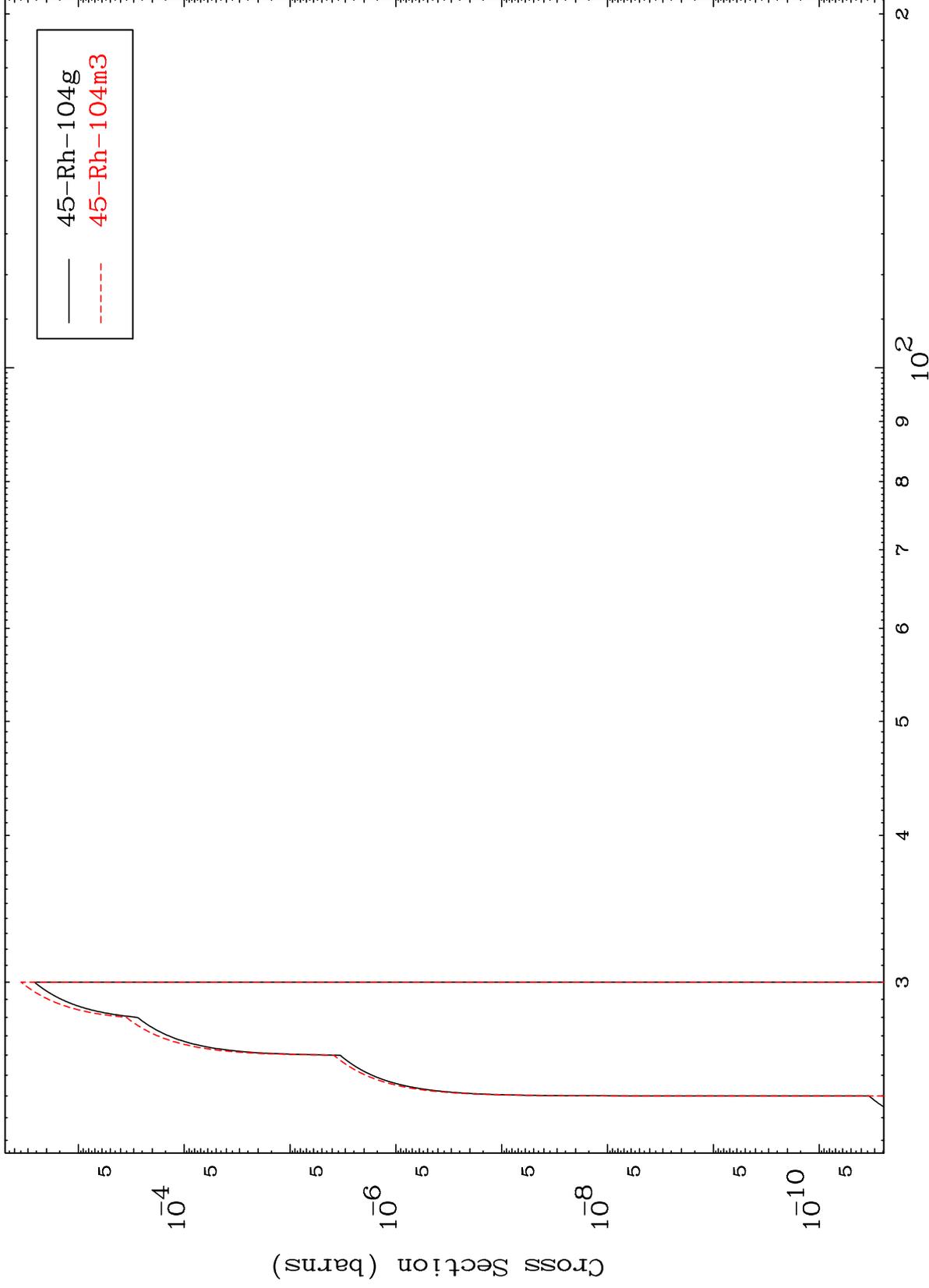
44-Ru-103

MAT 4446

(n,2n) p

44-Ru-103

Radionuclide Production Cross Section



14

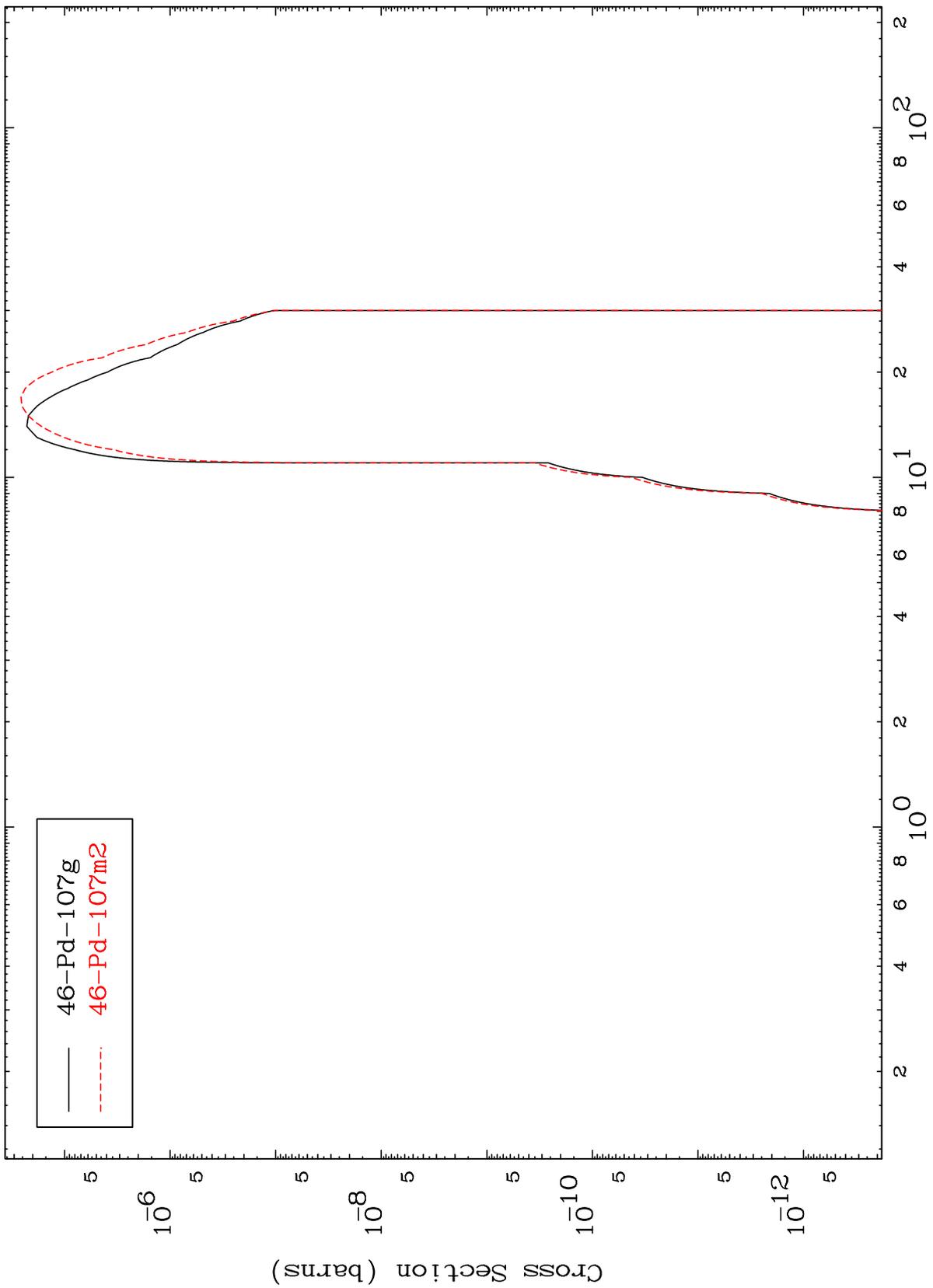
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

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



15

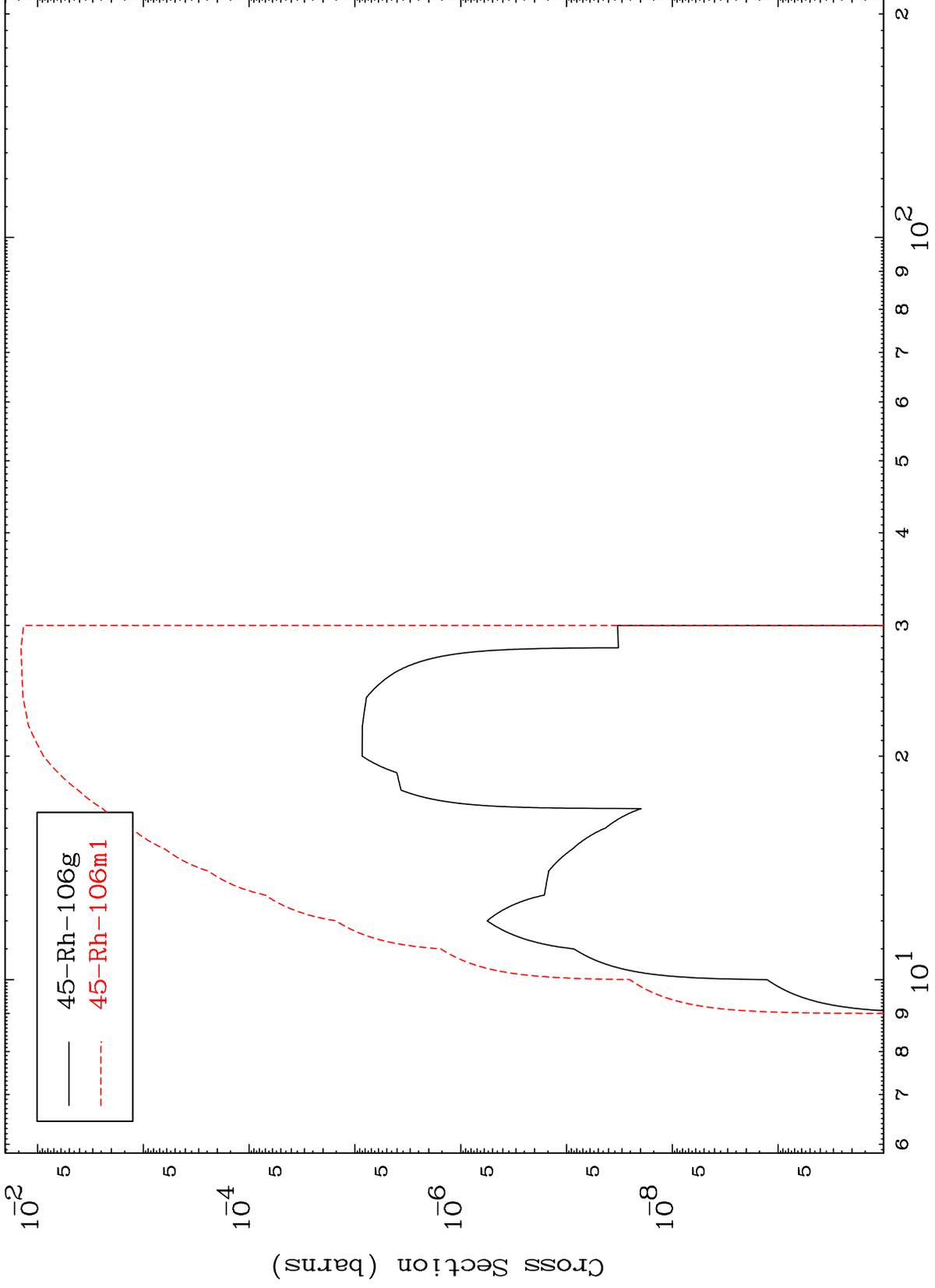
44-Ru-103

Incident Energy (MeV)

MAT 4446

44-Ru-103

(n,p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

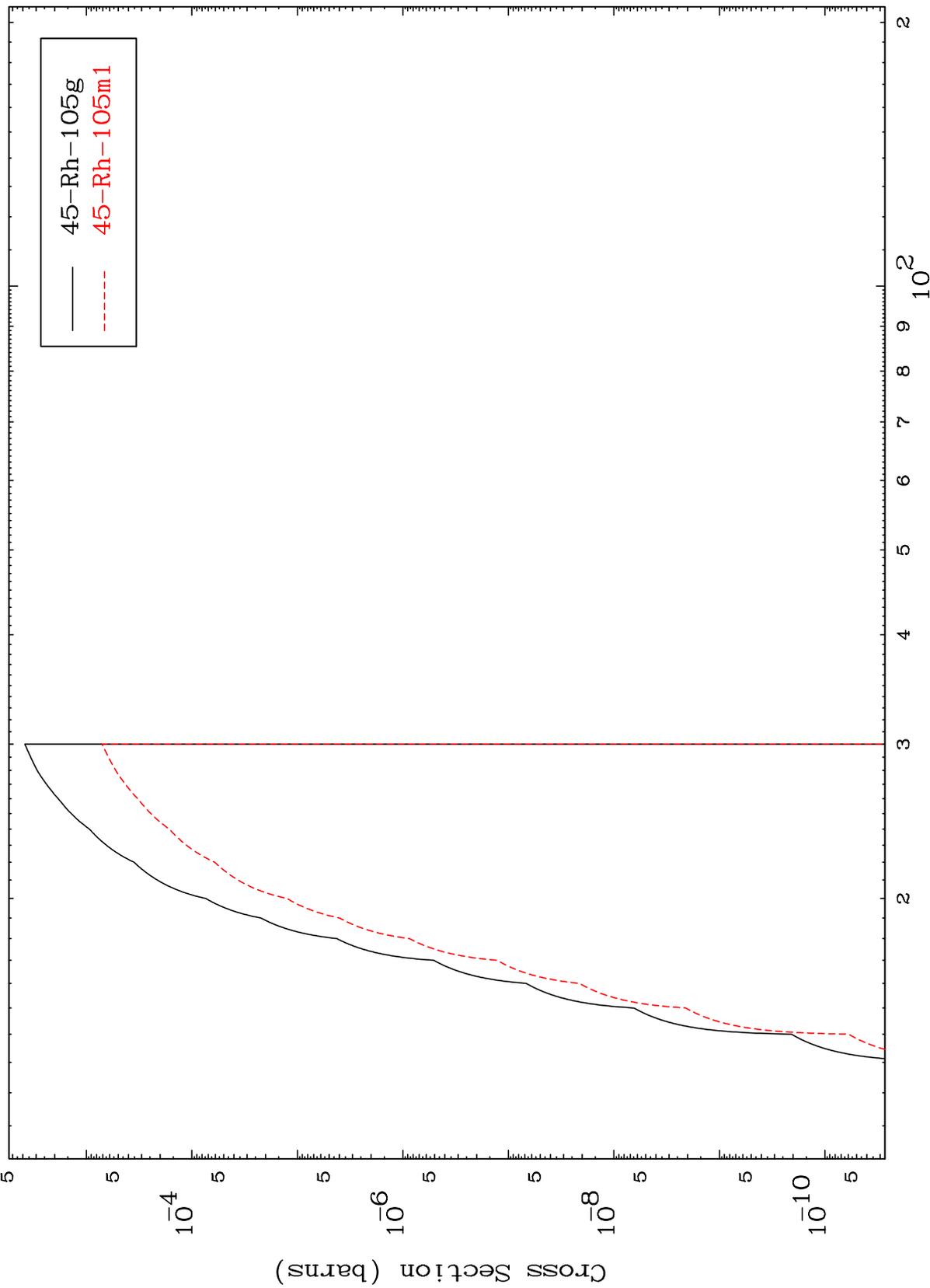
44-Ru-103

MAT 4446

(n,d)

44-Ru-103

Radionuclide Production Cross Section



45-Rh-105g  
45-Rh-105m1

17

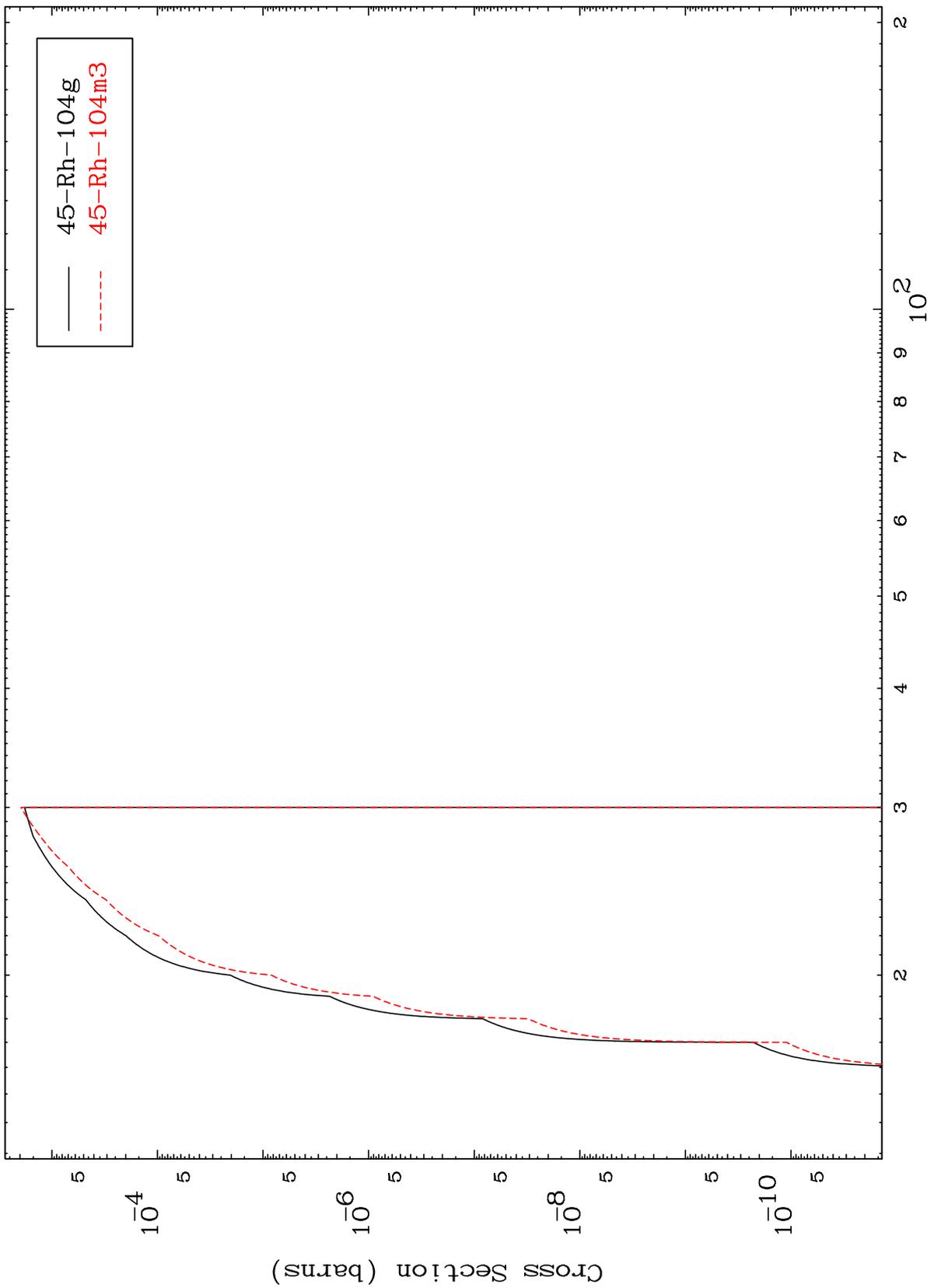
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

(n, t)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

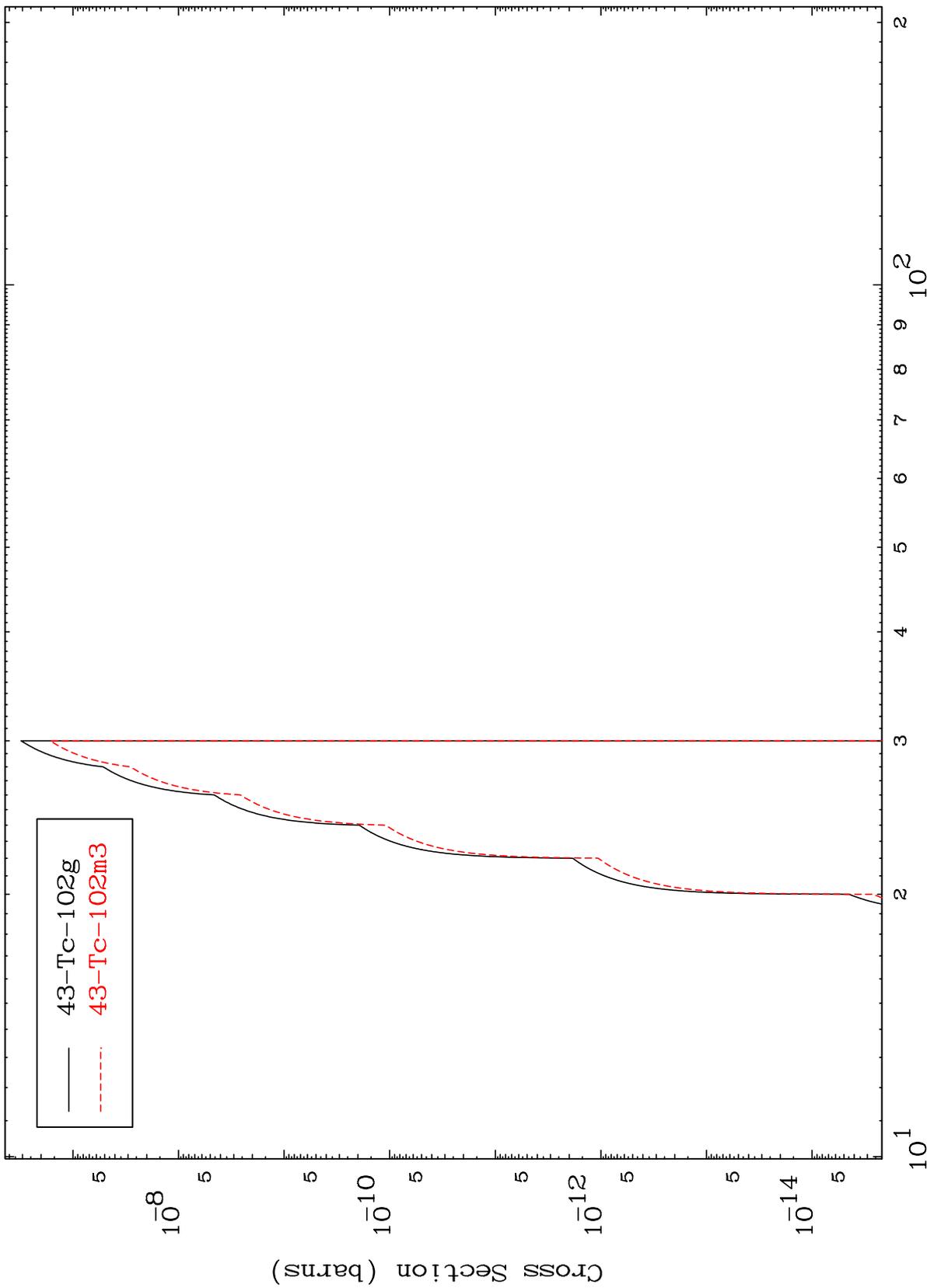
44-Ru-103

MAT 4446

(n,p)  $\alpha$

44-Ru-103

Radionuclide Production Cross Section



19

Incident Energy (MeV)

44-Ru-103