

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

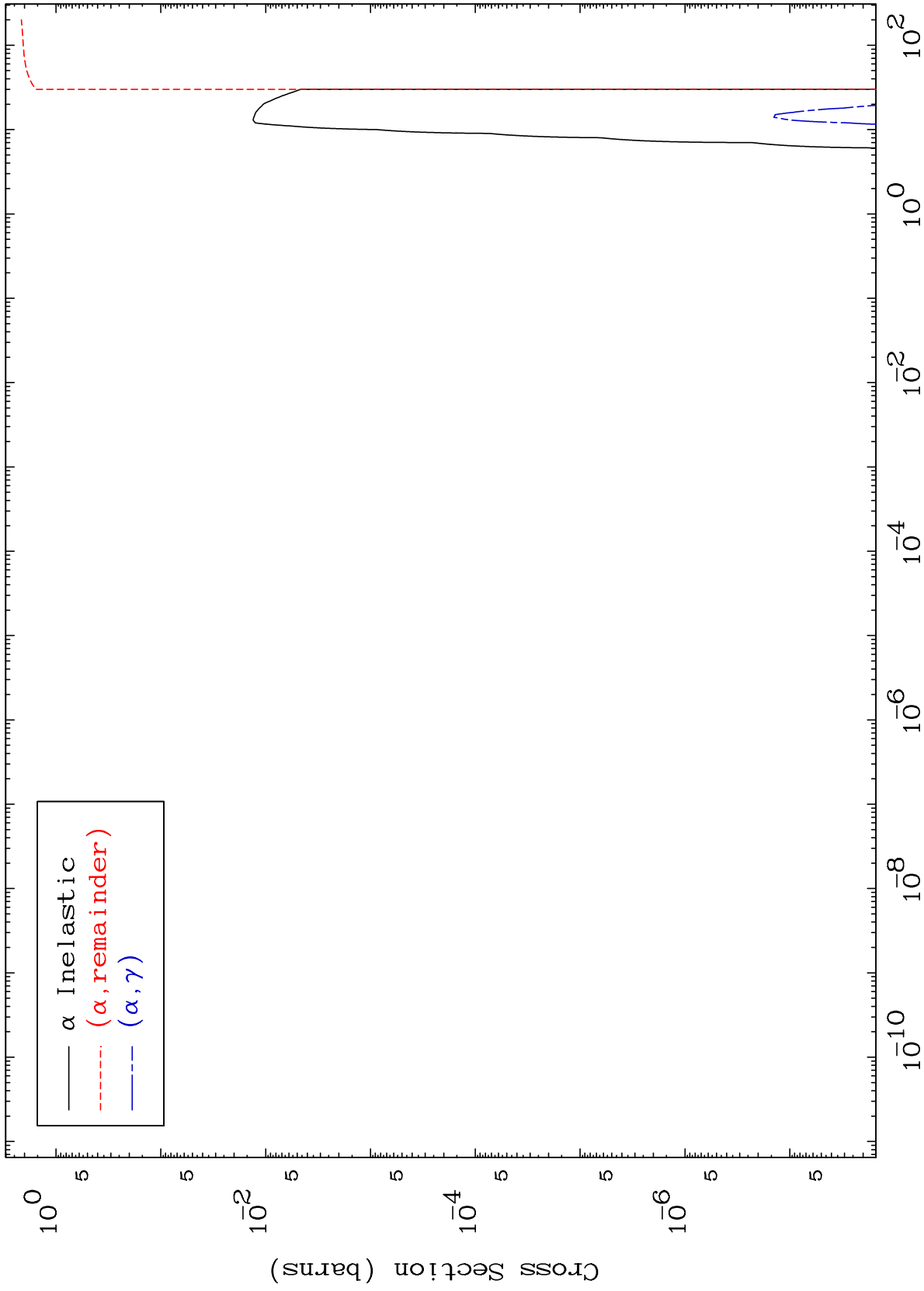
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4470

0 Kelvin  $\alpha$  Major  
Cross Sections

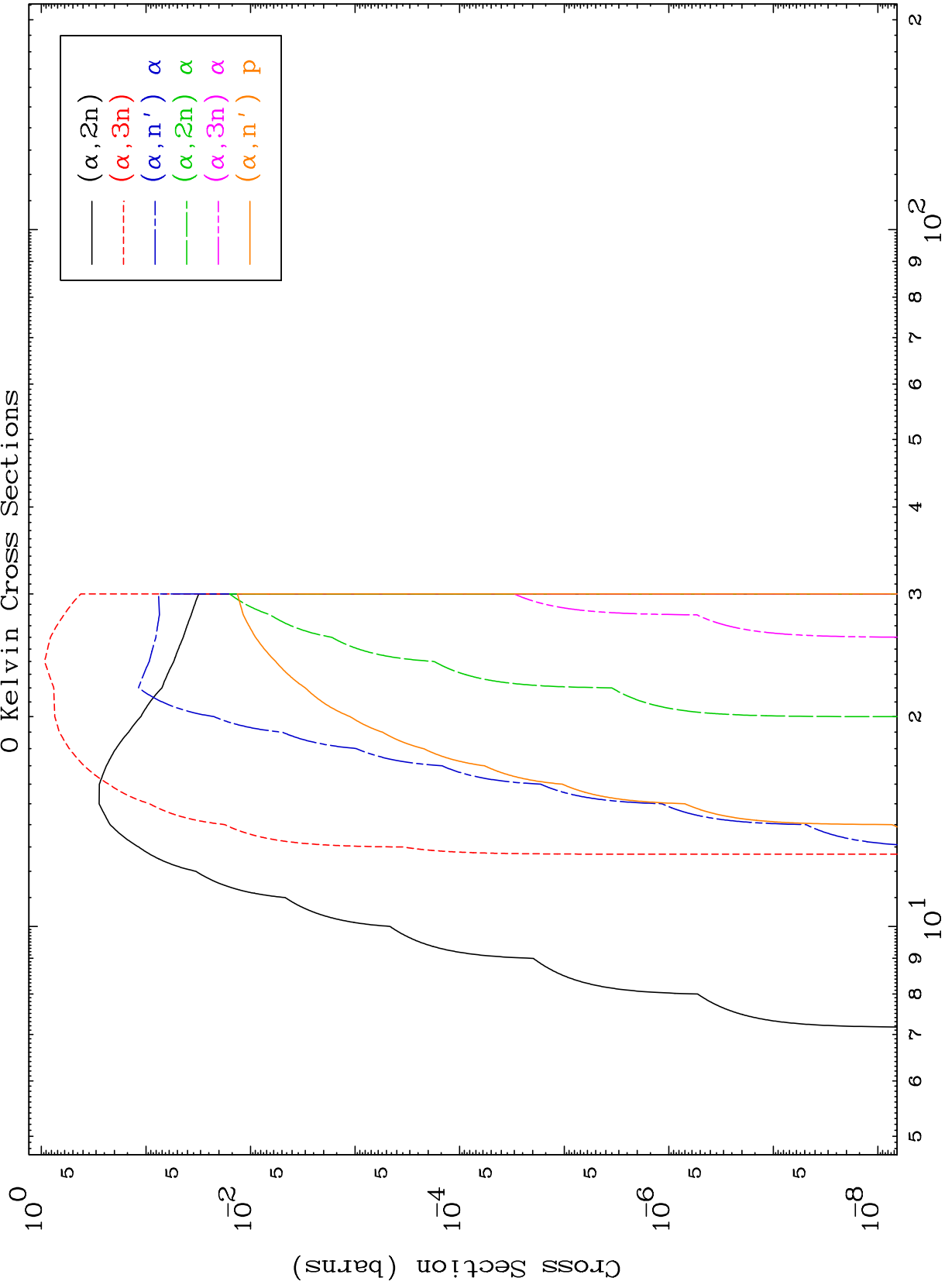
44-Ru-111



MAT 4470

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

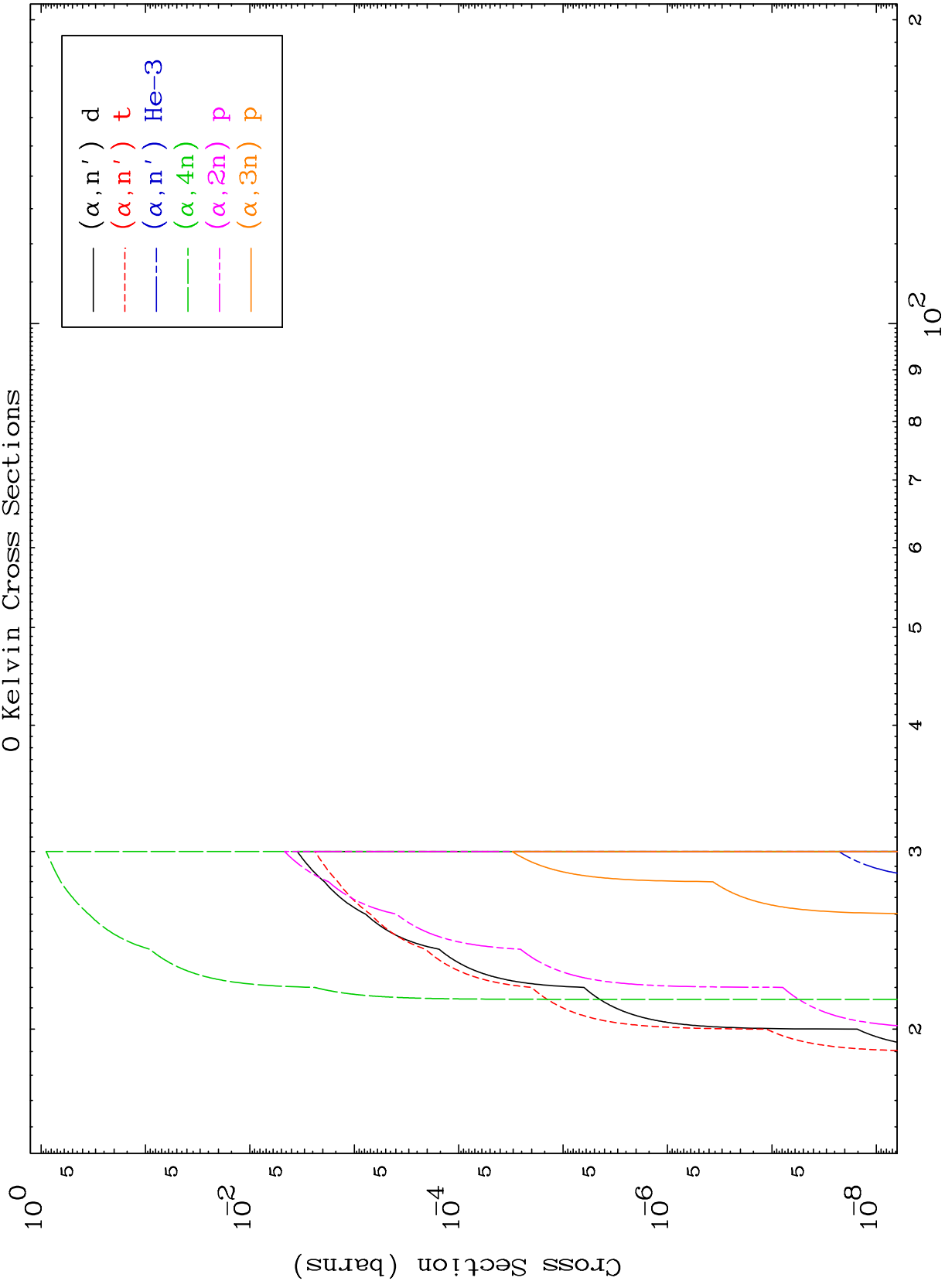
44-Ru-111

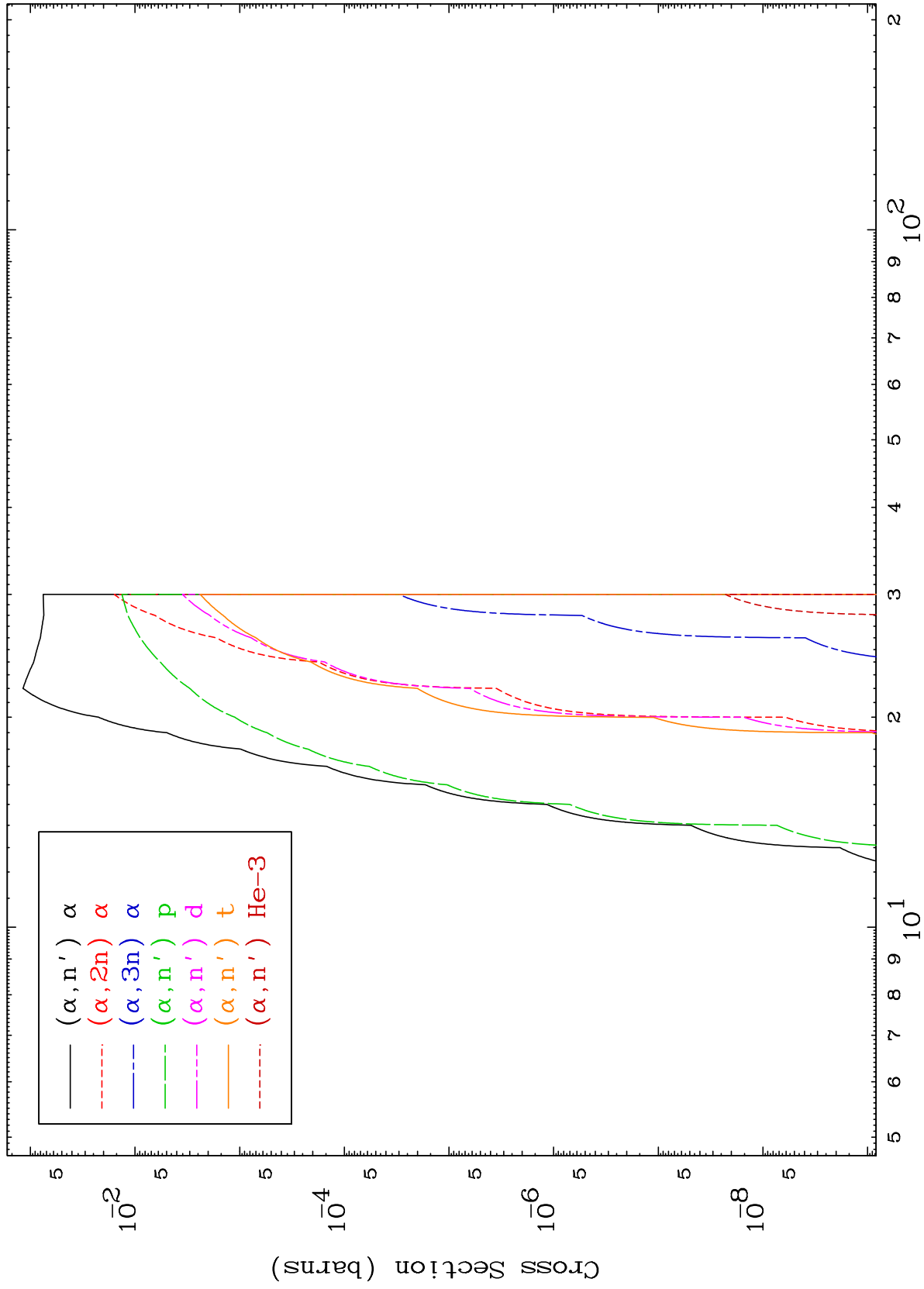


2

Incident Energy (MeV)

44-Ru-111

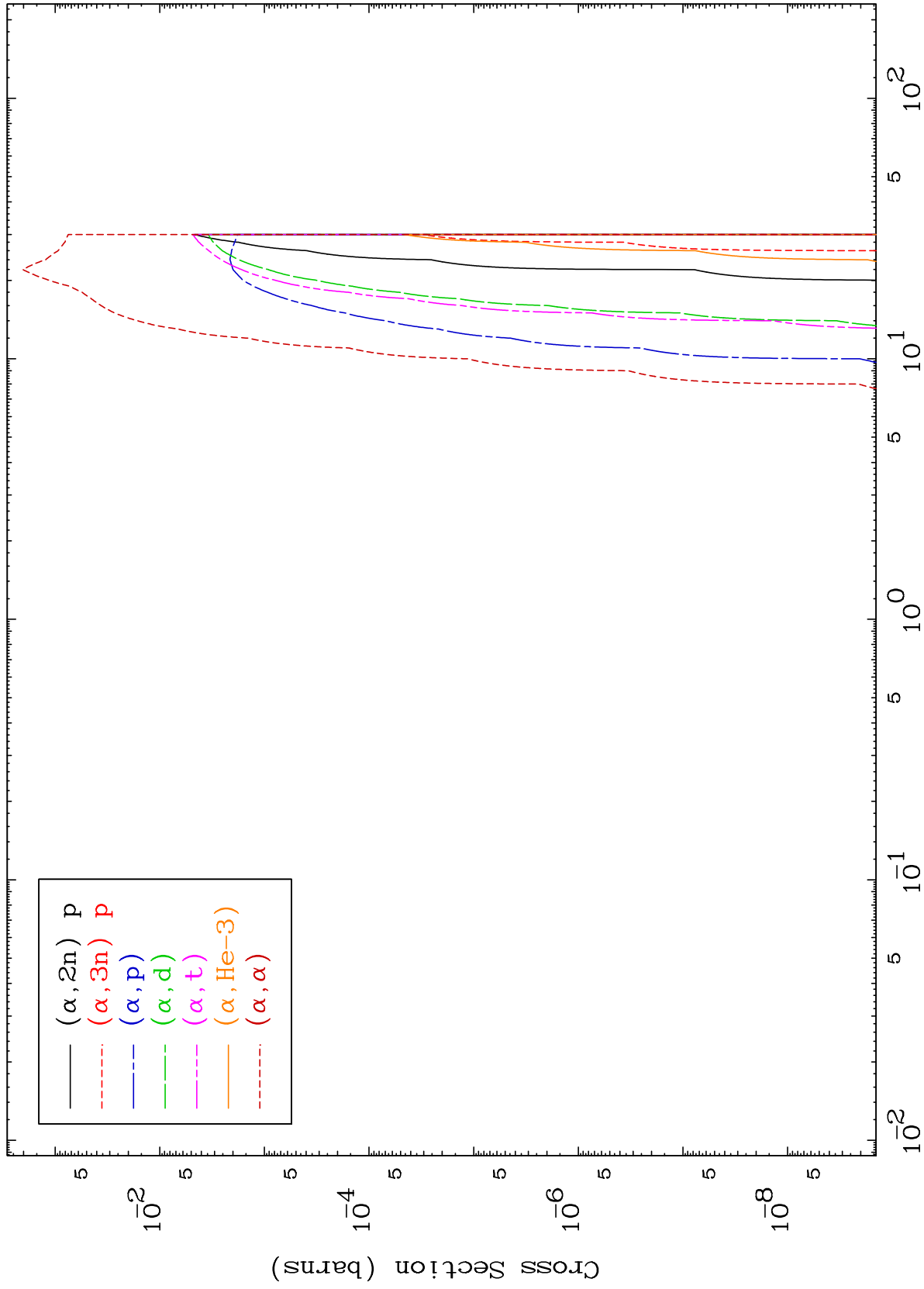




MAT 4470

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

44-Ru-111



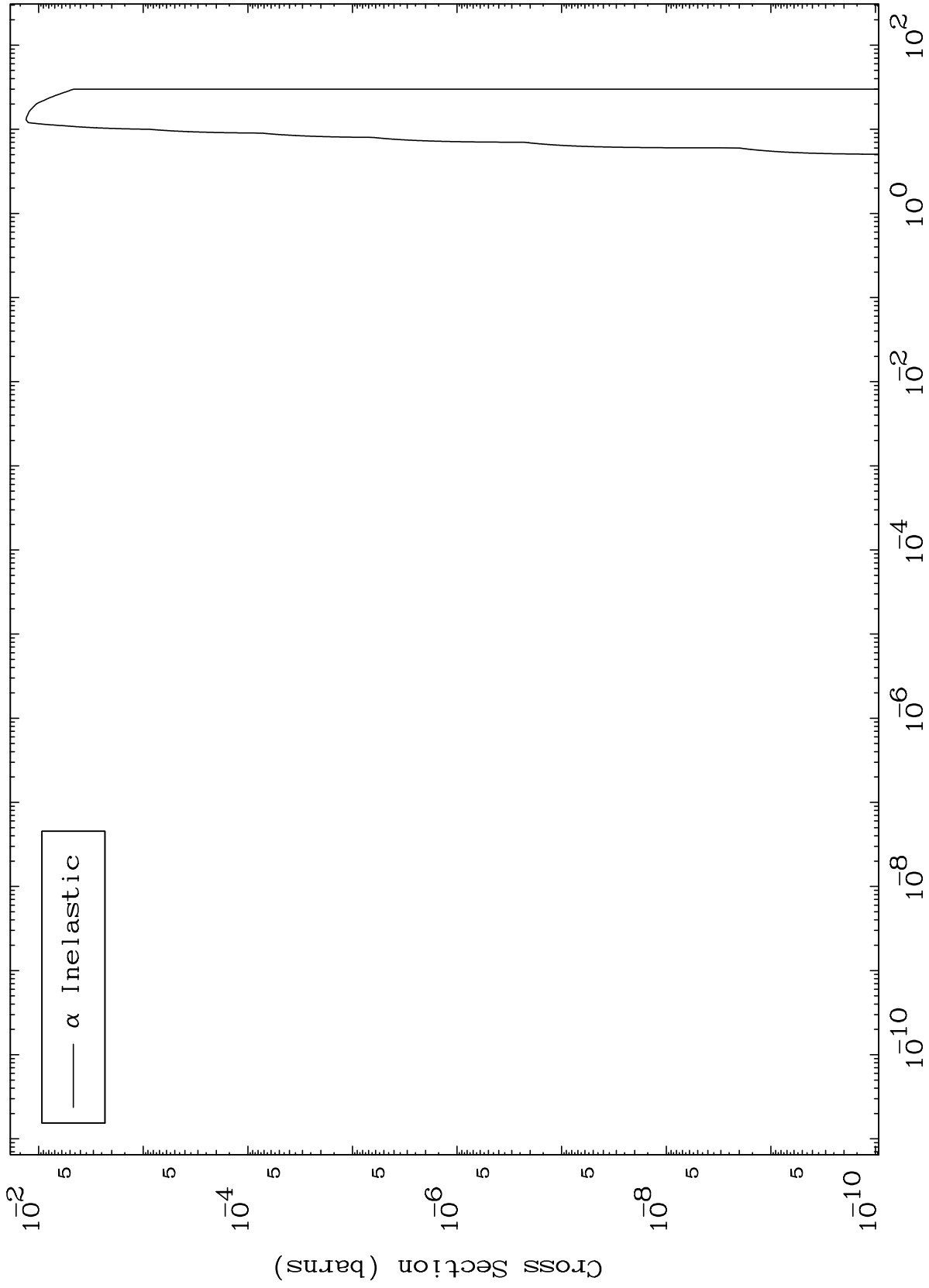
Incident Energy (MeV)

44-Ru-111

MAT 4470

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

44-Ru-111



6

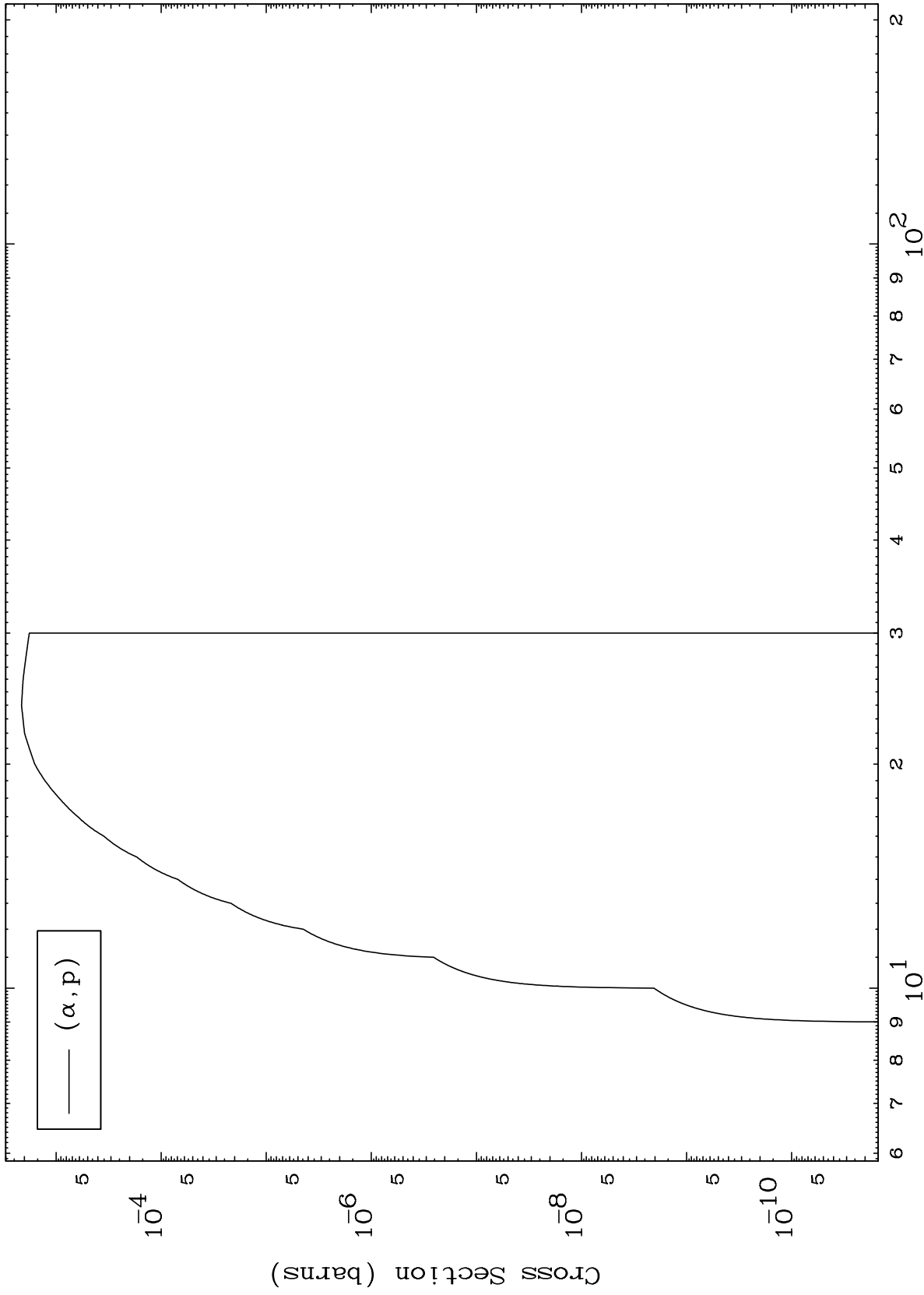
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



7

Incident Energy (MeV)

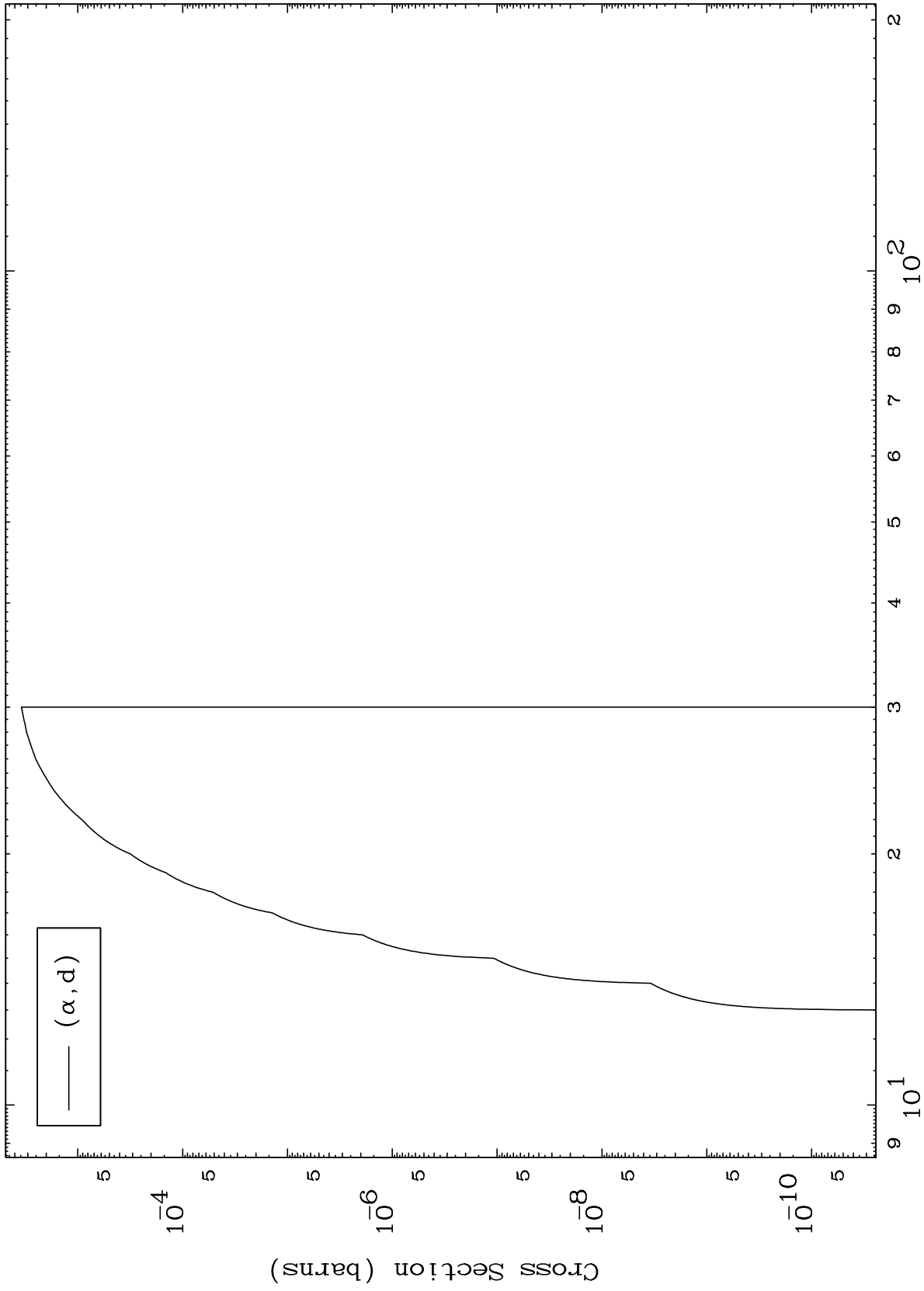
44-Ru-111



MAT 4470

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

44-Ru-111



8

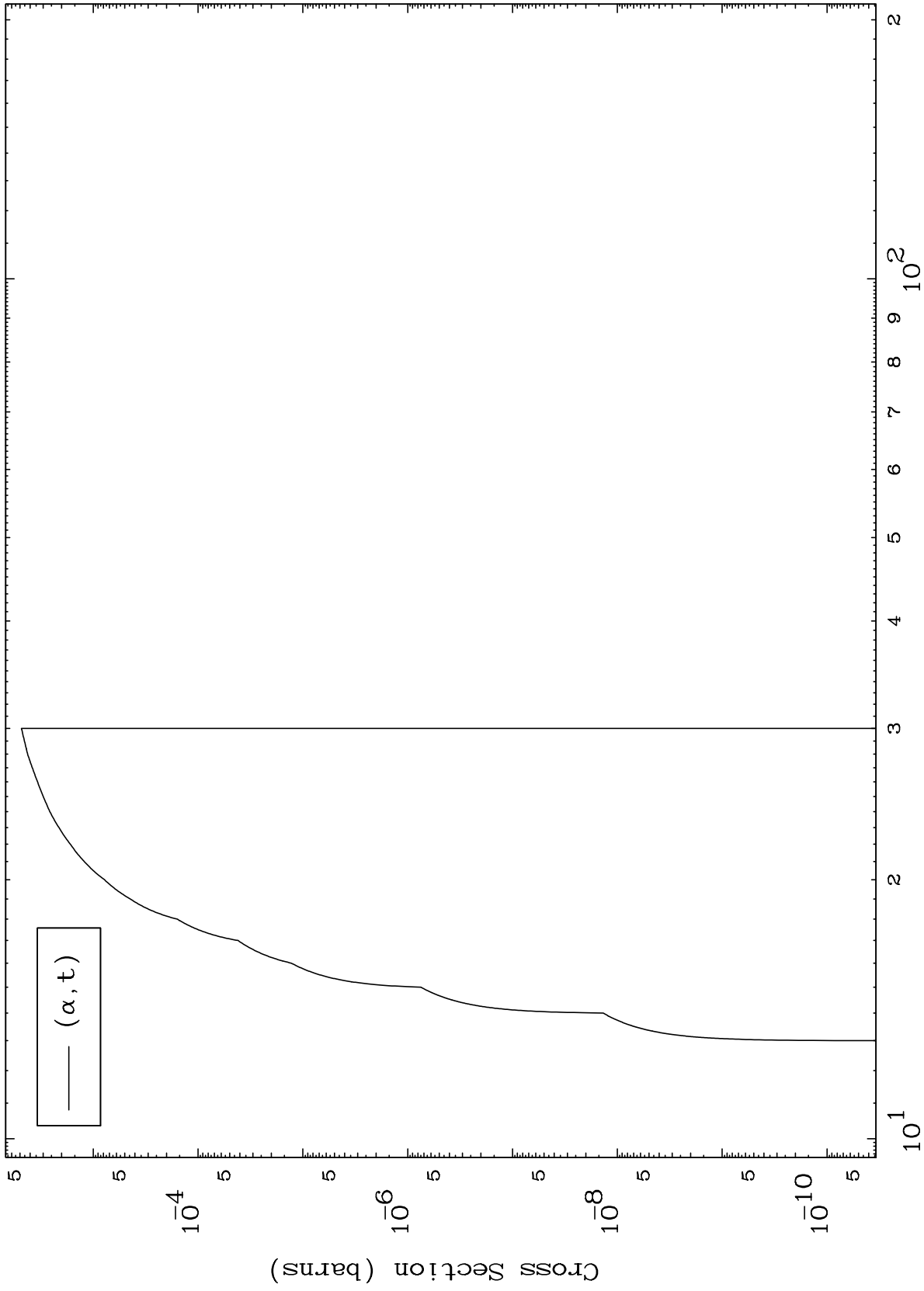
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

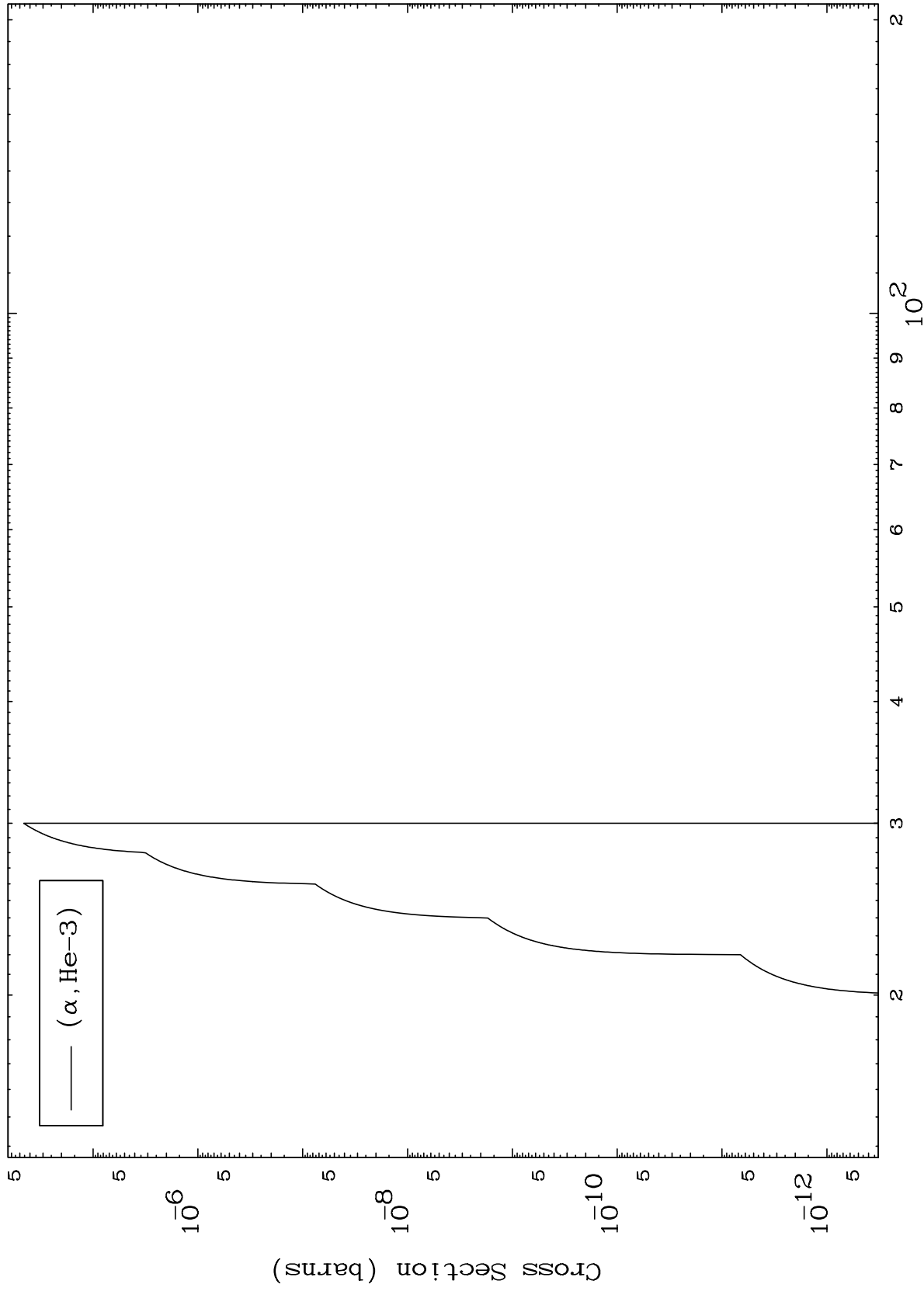


44-Ru-111

MAT 4470

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

44-Ru-111



10

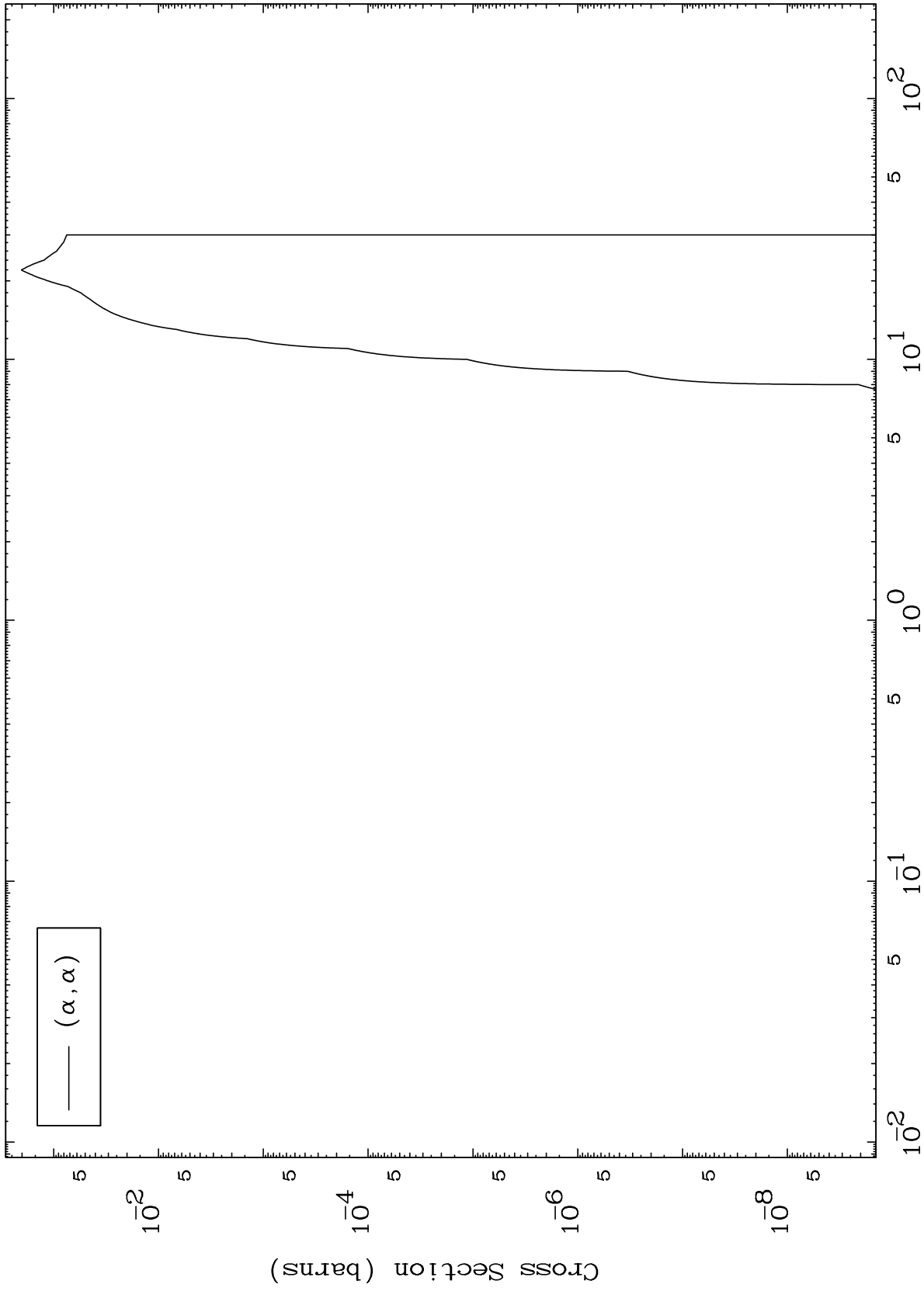
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



11

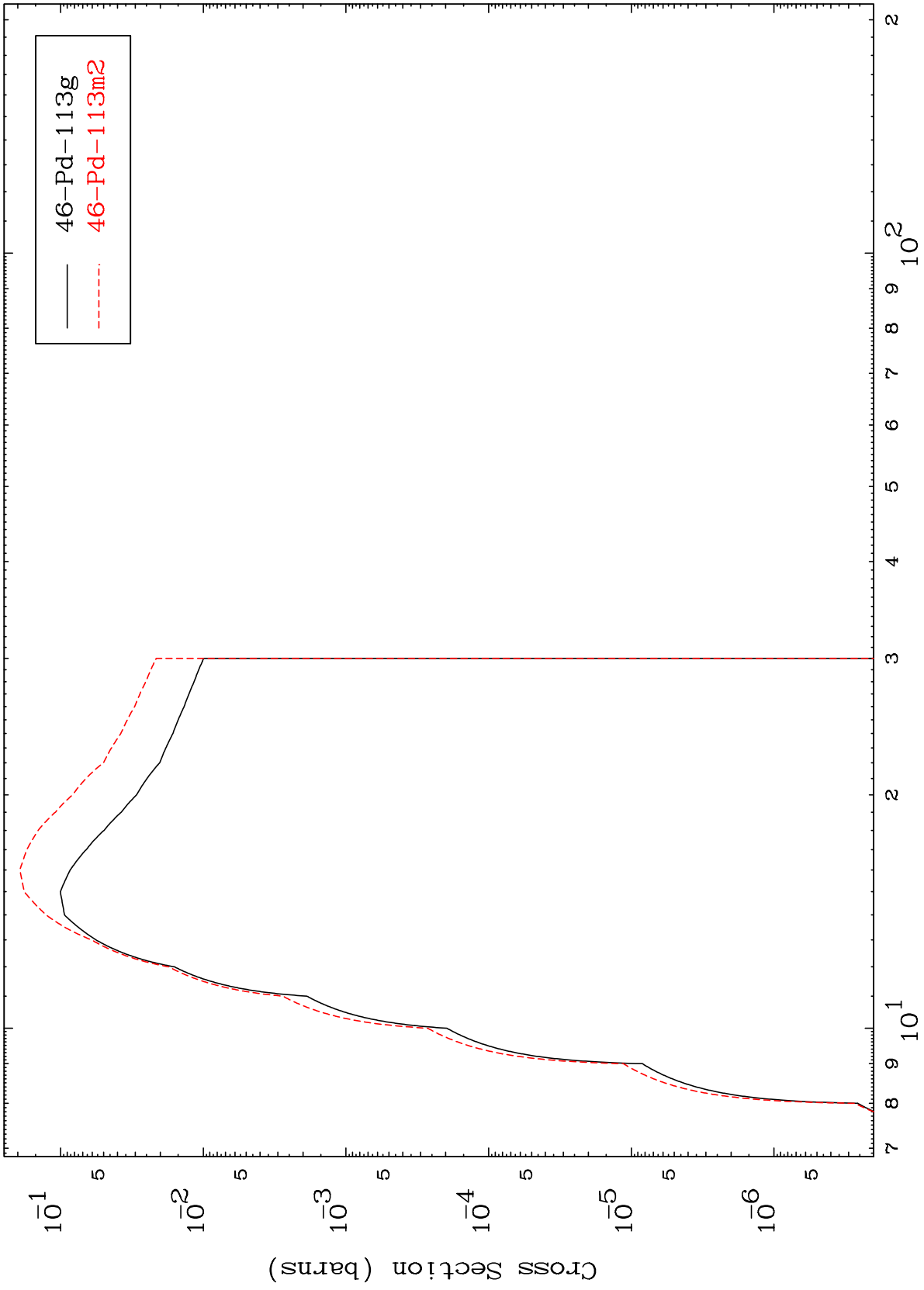
Incident Energy (MeV)

44-Ru-111

MAT 4470

44-Ru-111

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



12

Incident Energy (MeV)

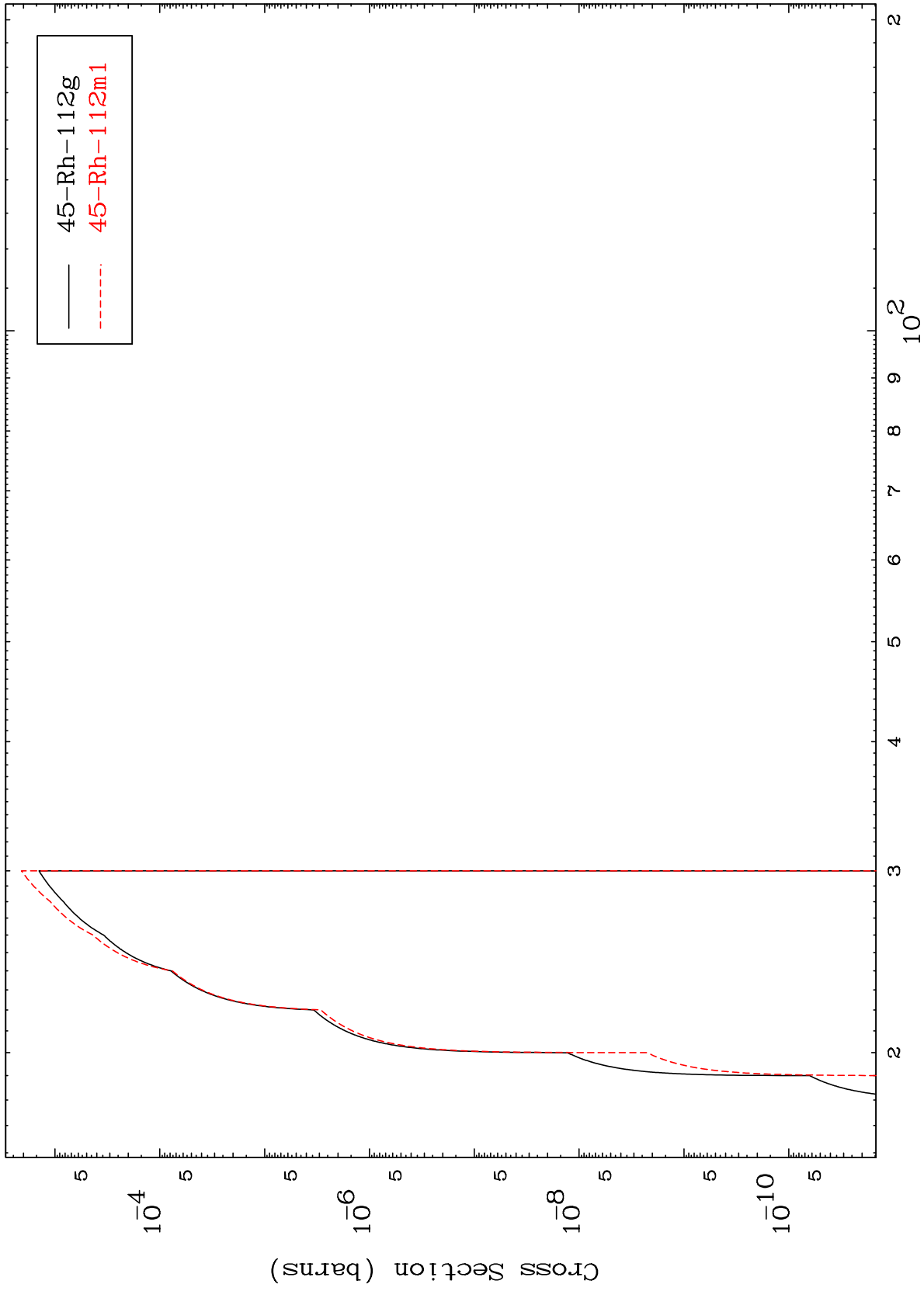
44-Ru-111

MAT 4470

( $\alpha, n'$ ) d

44-Ru-111

Radionuclide Production Cross Section



13

Incident Energy (MeV)

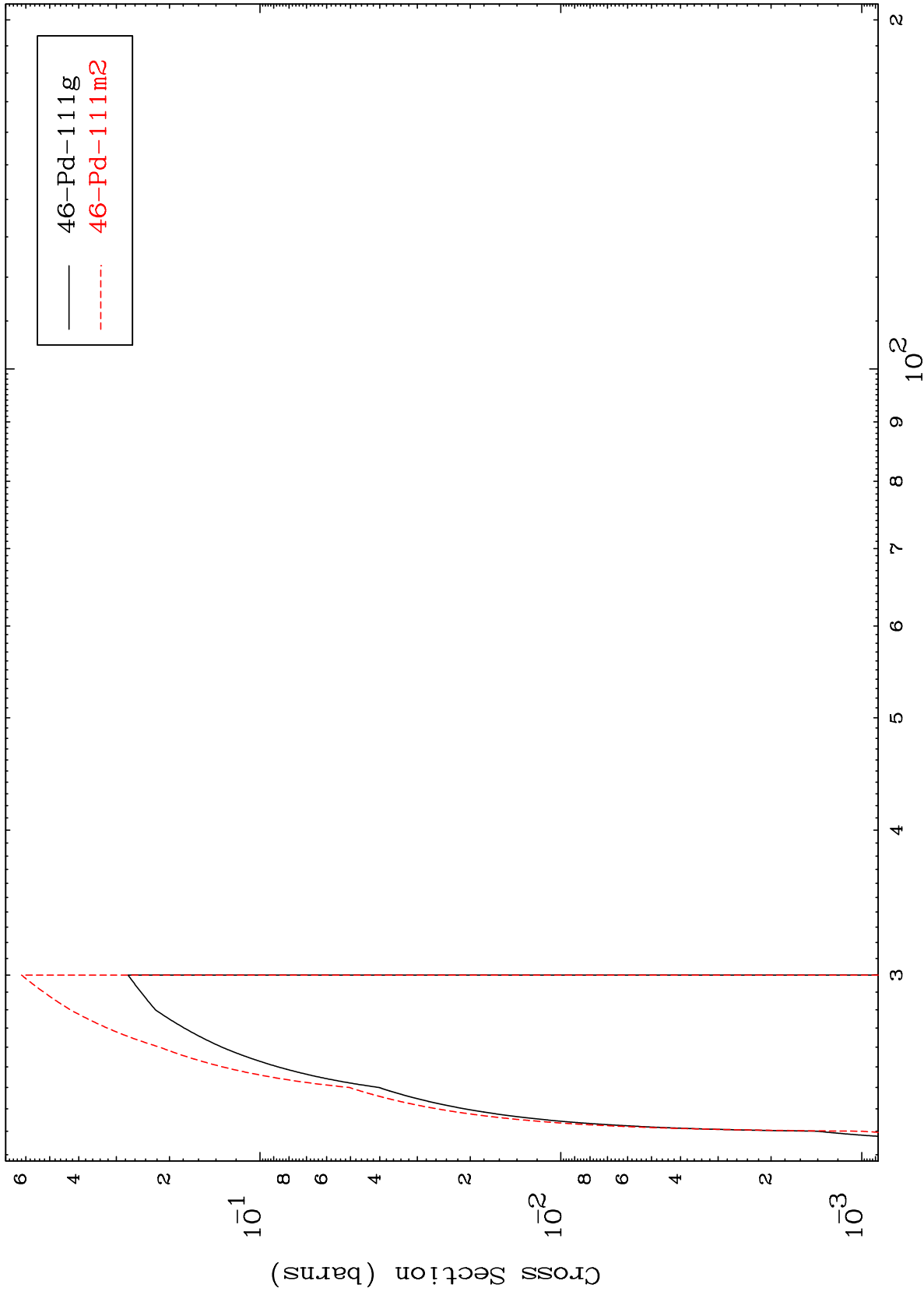
44-Ru-111

MAT 4470

( $\alpha, 4n$ )

44-Ru-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

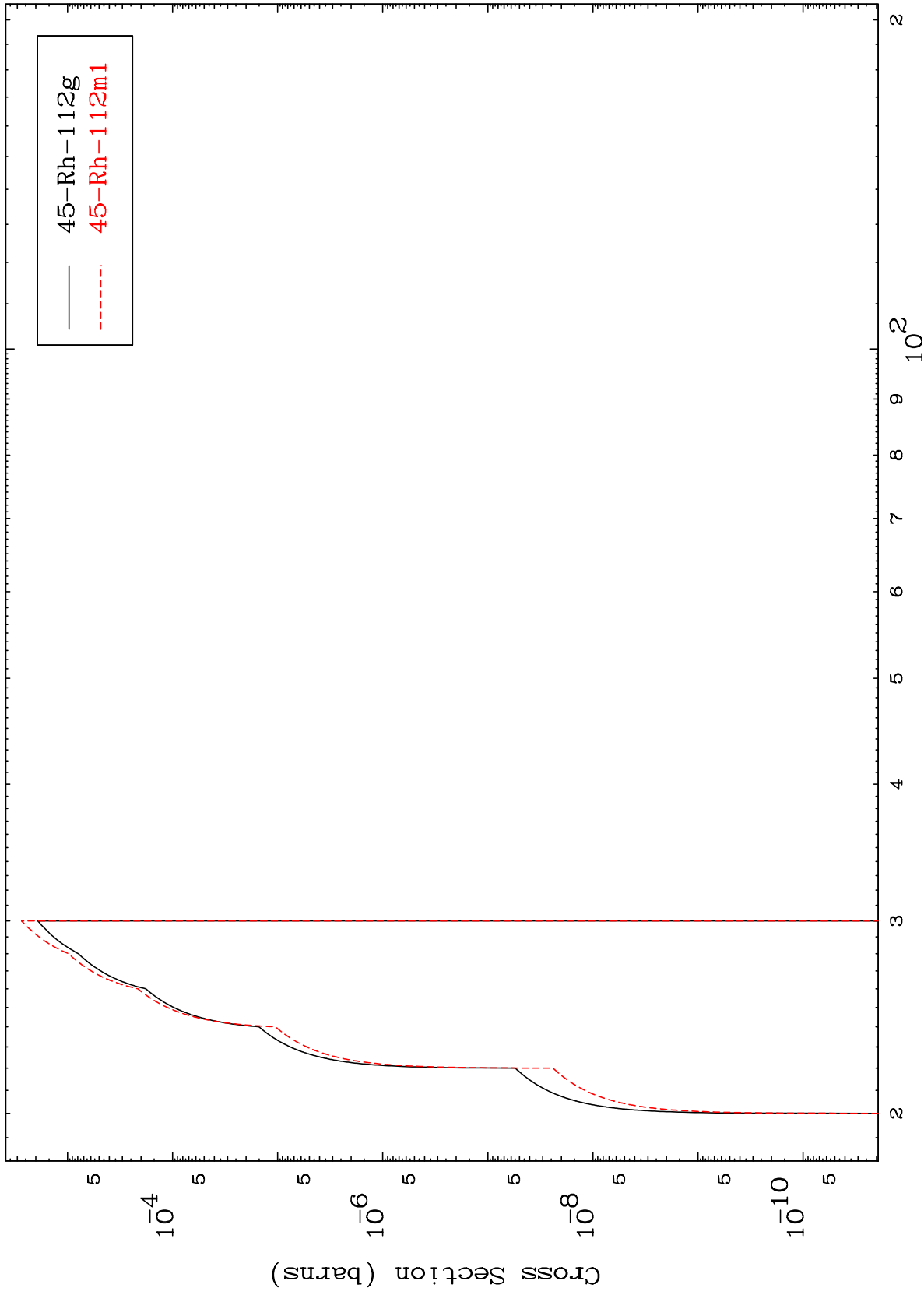
44-Ru-111

MAT 4470

( $\alpha, 2n$ ) p

44-Ru-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

44-Ru-111

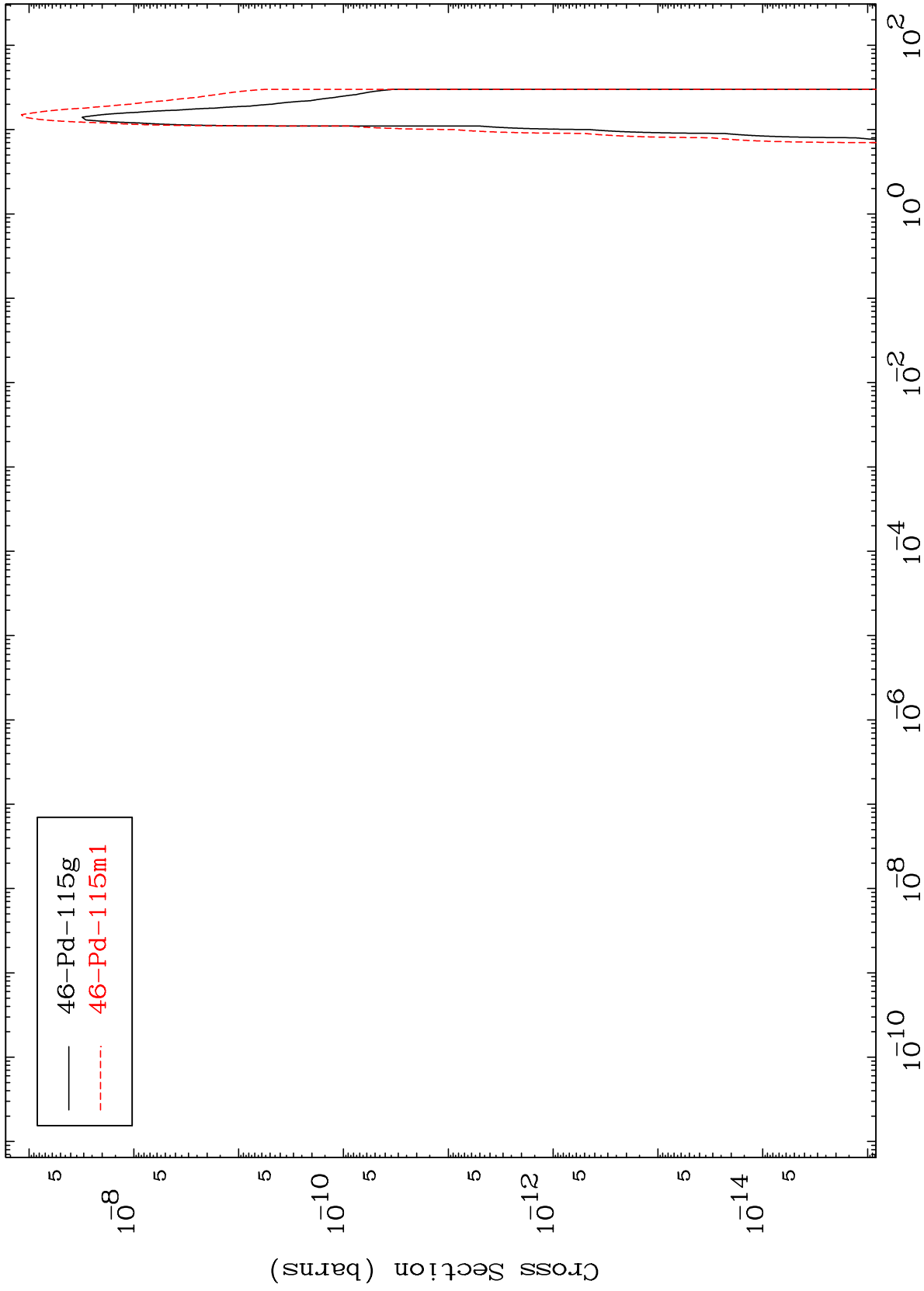


MAT 4470

( $\alpha, \gamma$ )

44-Ru-111

Radionuclide Production Cross Section



16

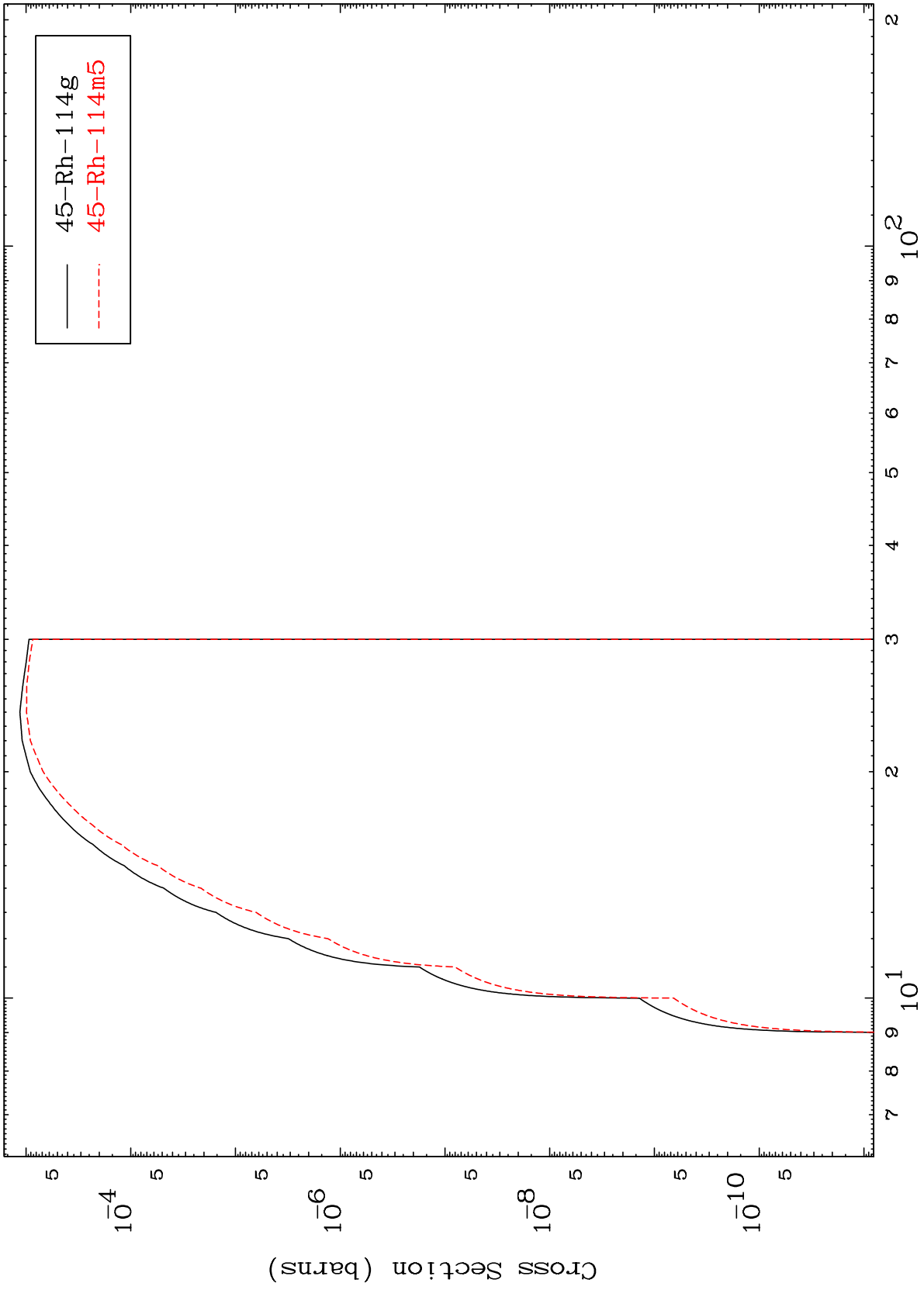
Incident Energy (MeV)

44-Ru-111

MAT 4470

44-Ru-111

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



17

Incident Energy (MeV)

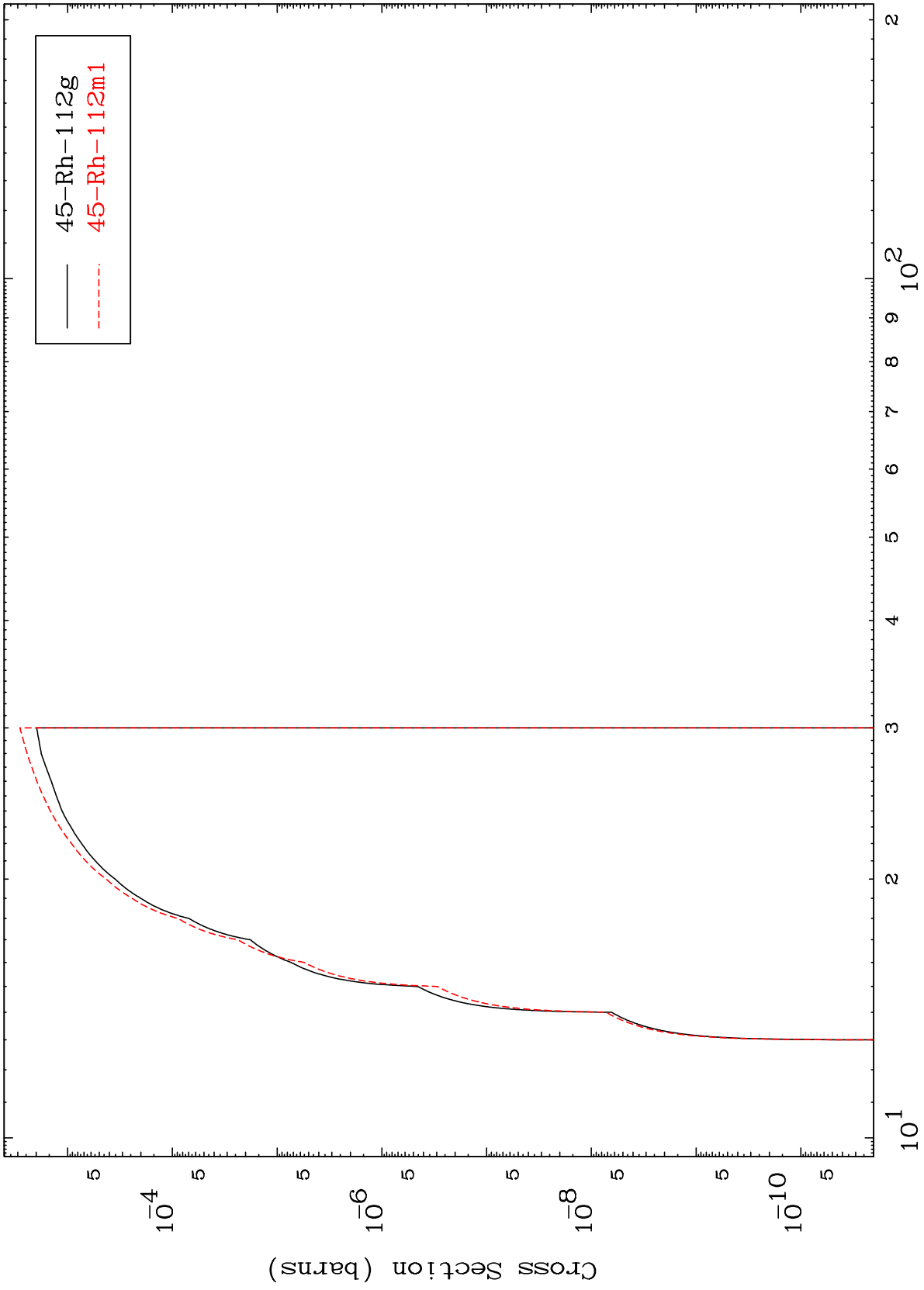
44-Ru-111

MAT 4470

( $\alpha, t$ )

44-Ru-111

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-111