

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

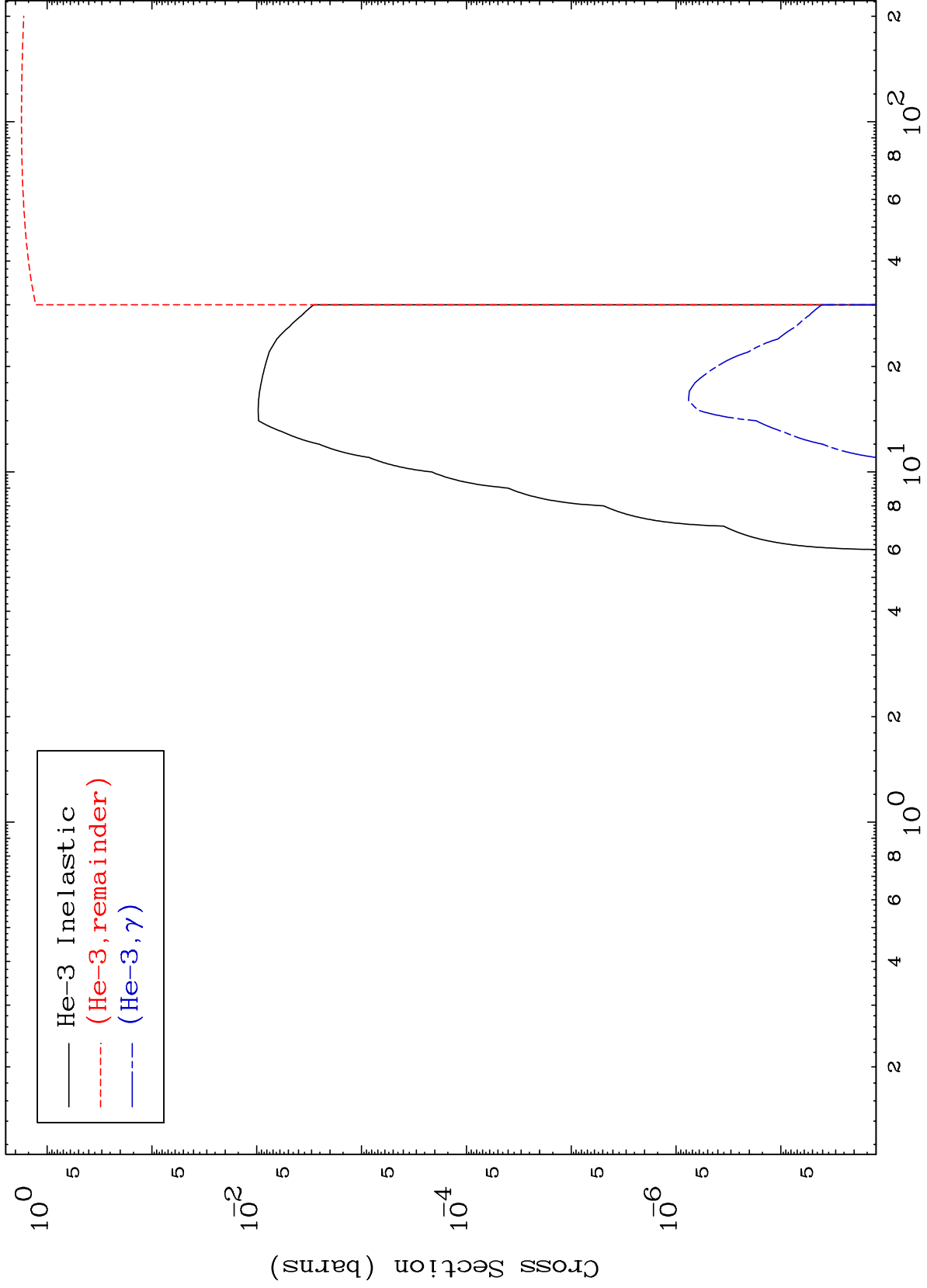
Press Mouse Button to Start

MAT 4434

He-3 Major

44-Ru-99

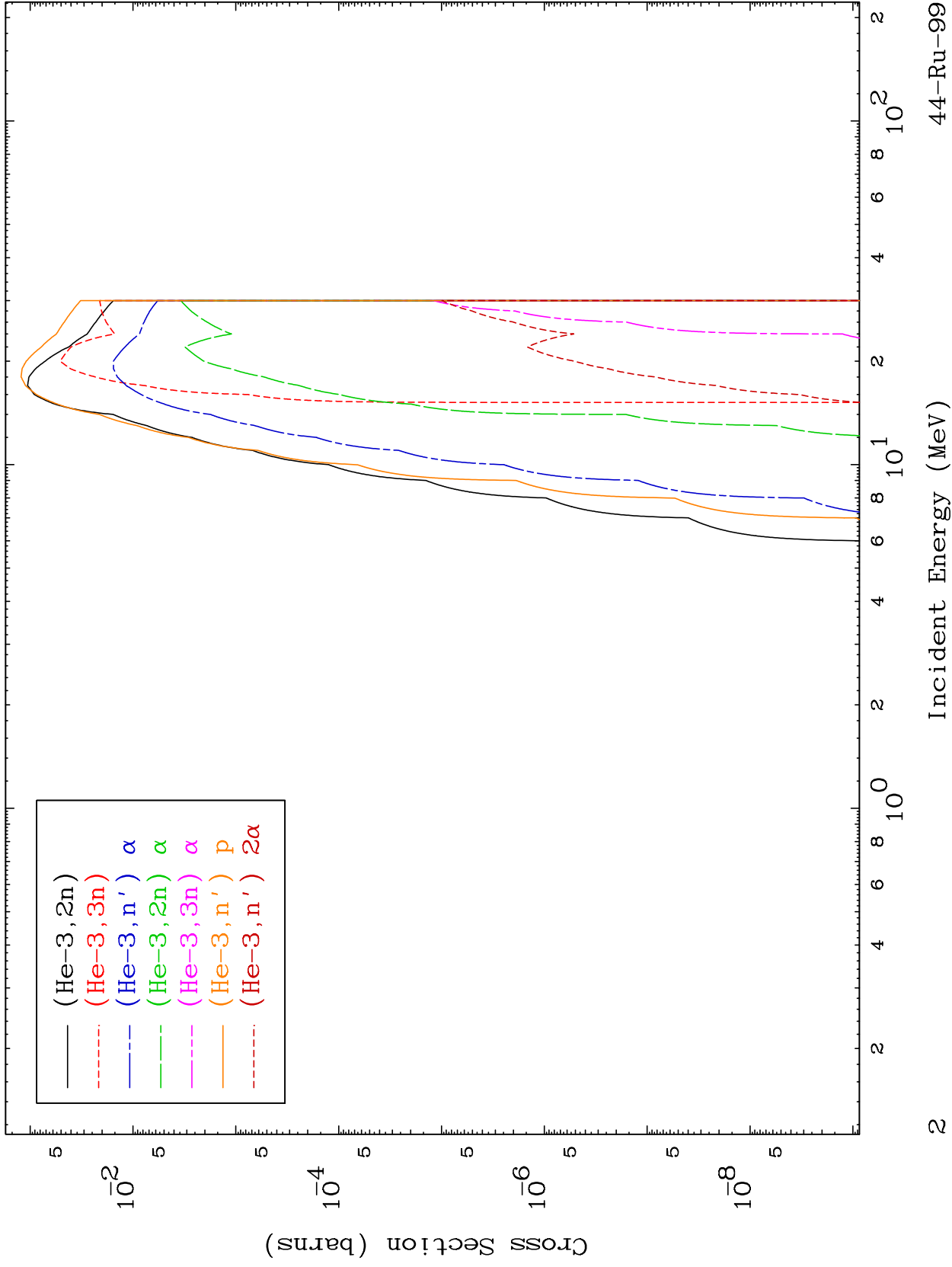
0 Kelvin Cross Sections

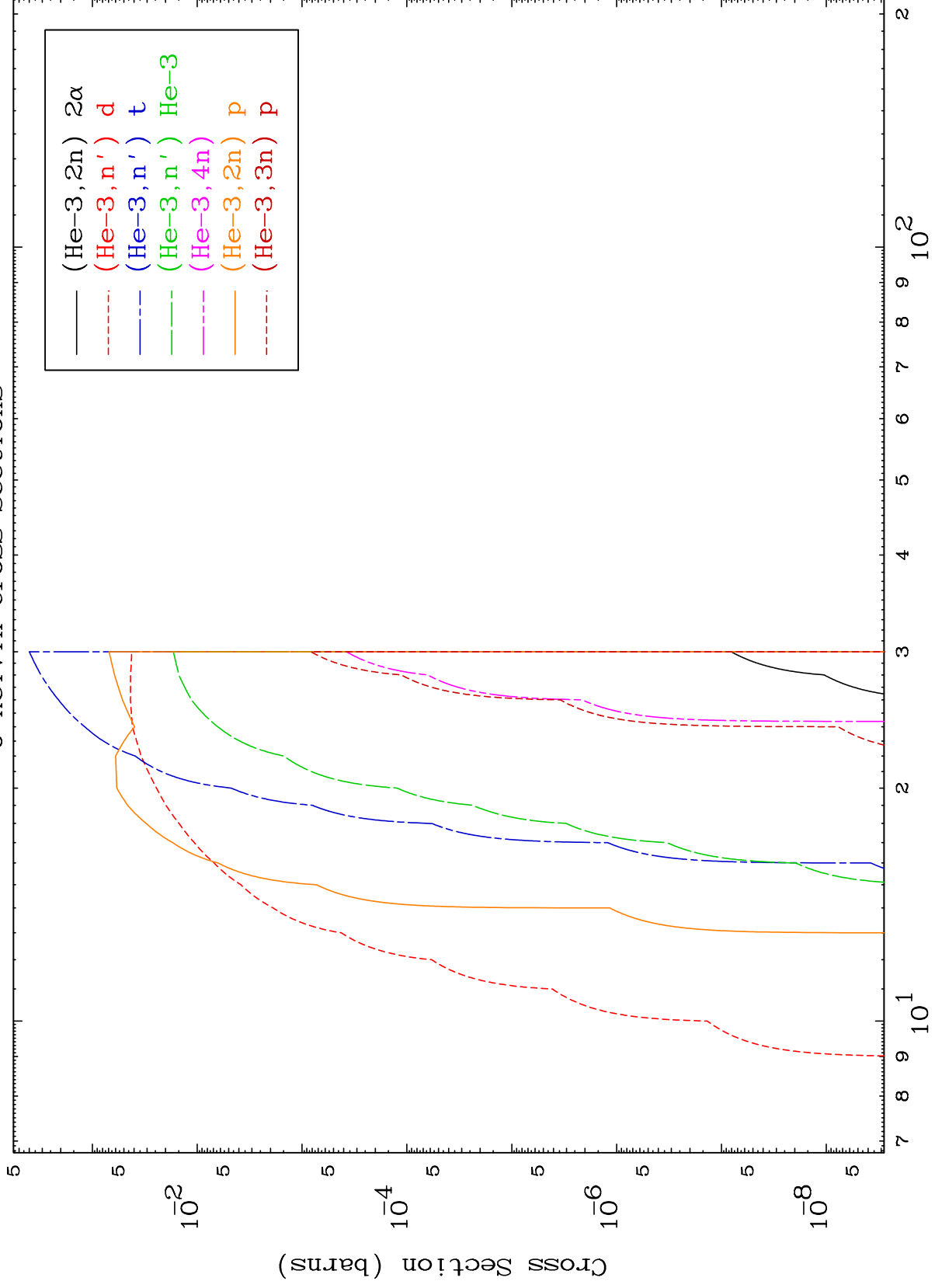


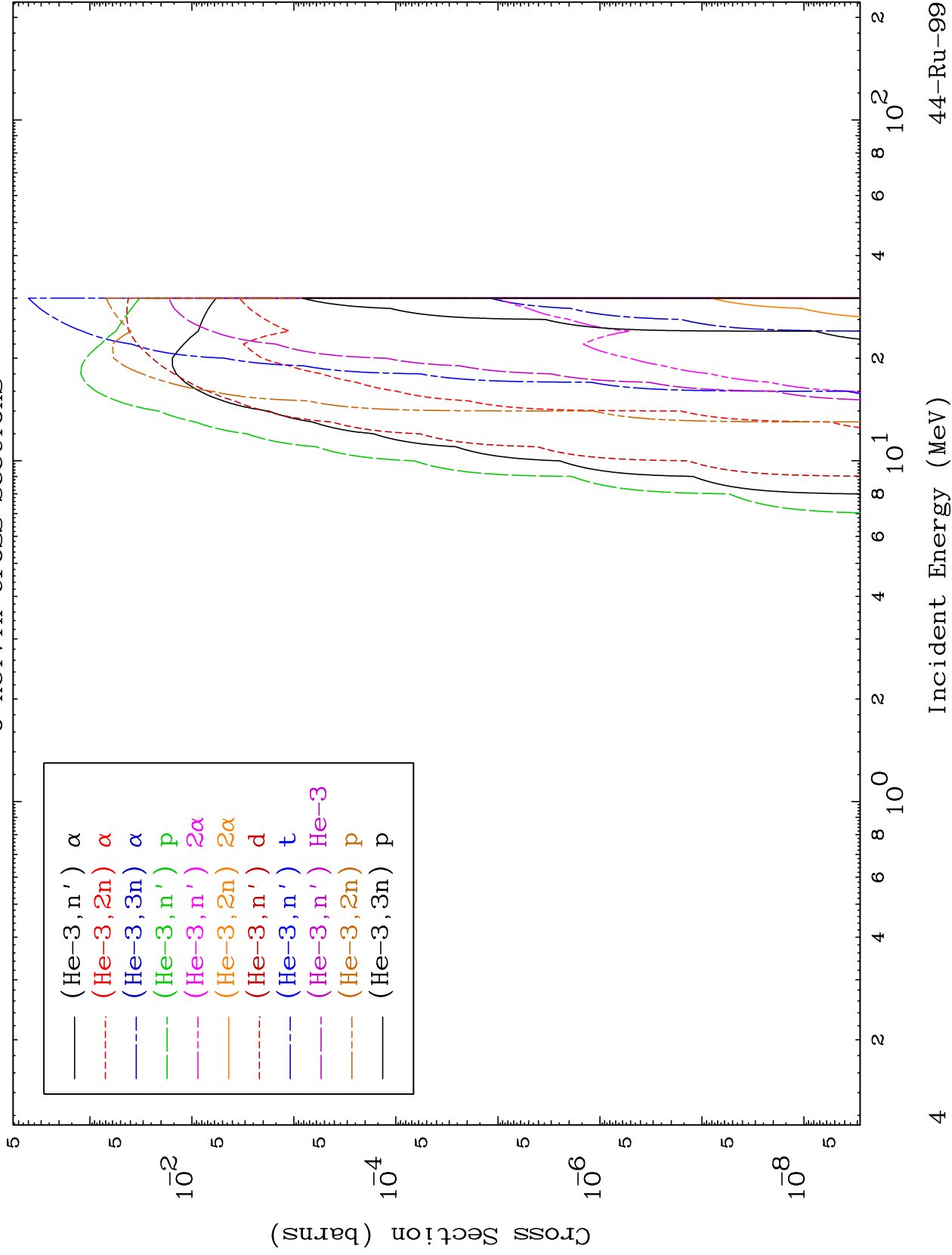
MAT 4434

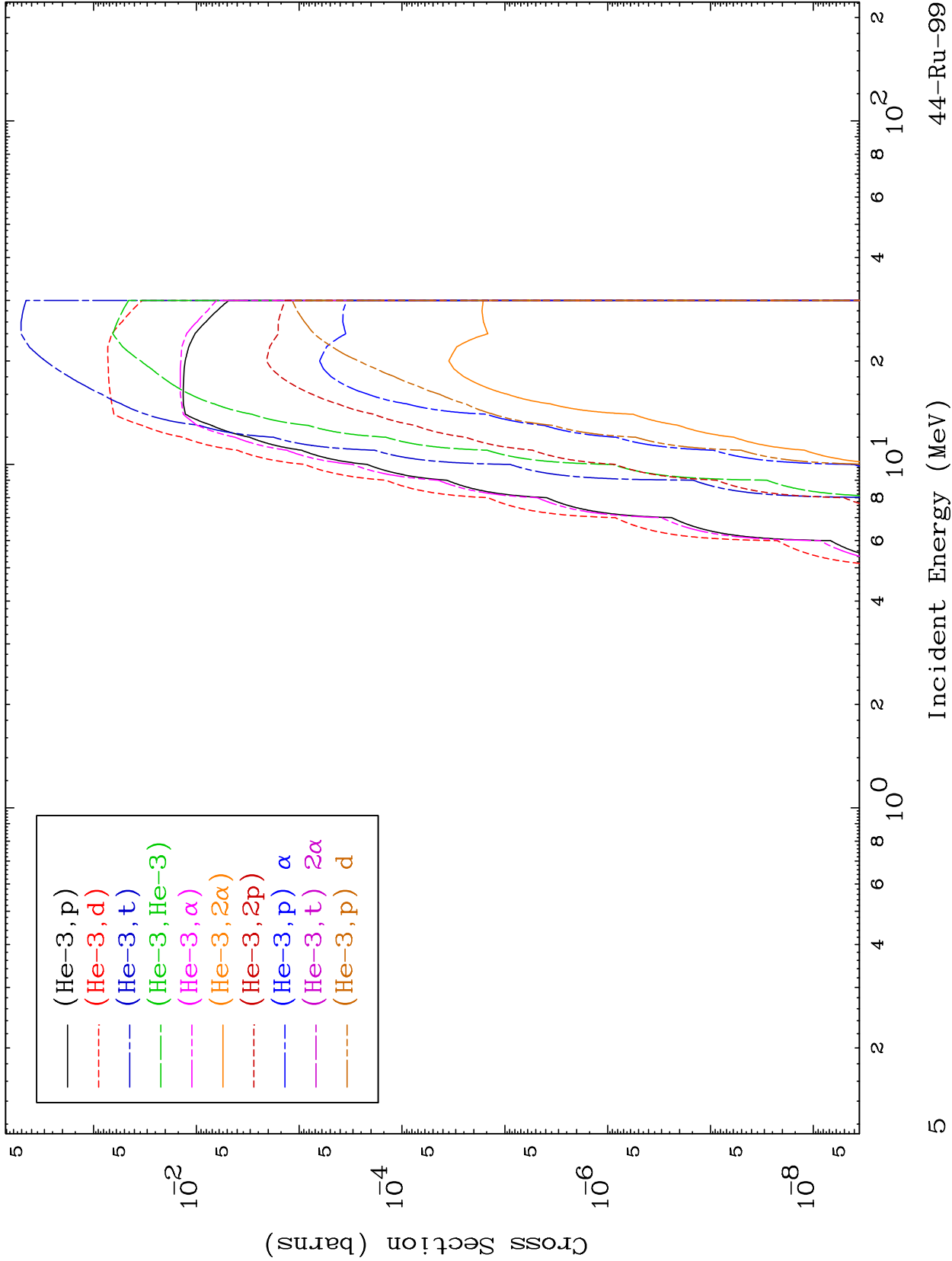
He-3 Neutron Production  
0 Kelvin Cross Sections

44-Ru-99





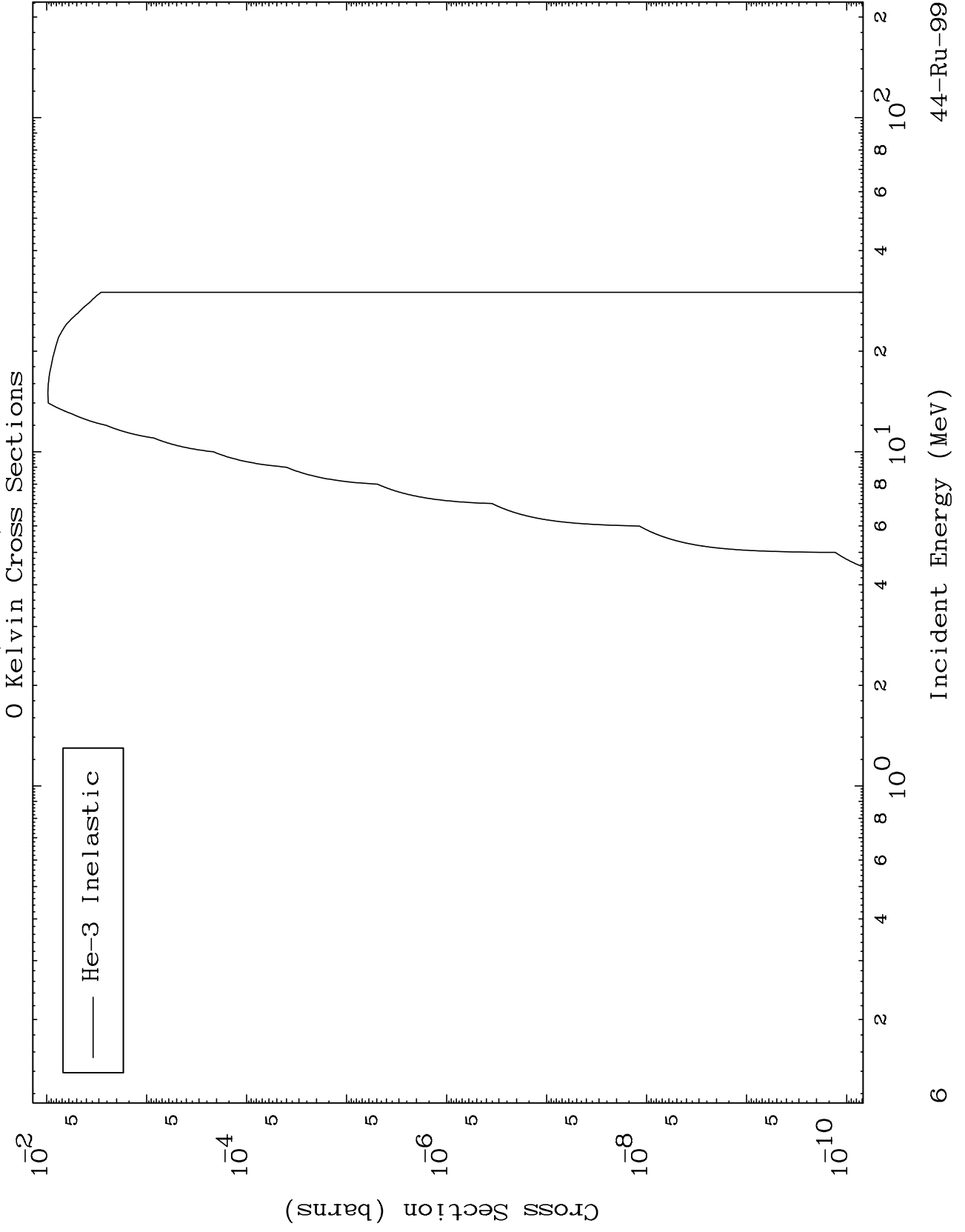




MAT 4434

(He-3, n') Level

44-Ru-99

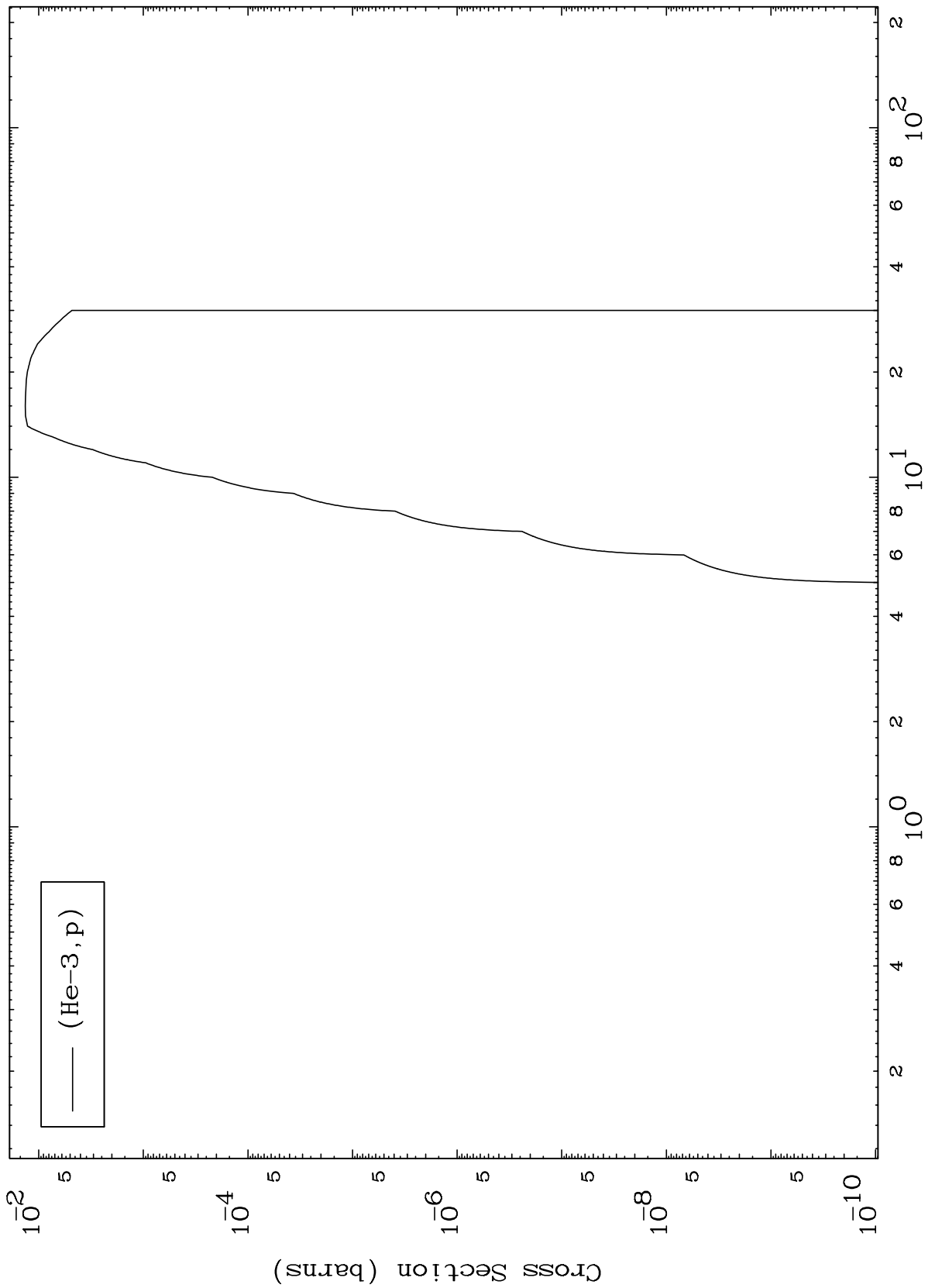


MAT 4434

(He-3,p) Levels

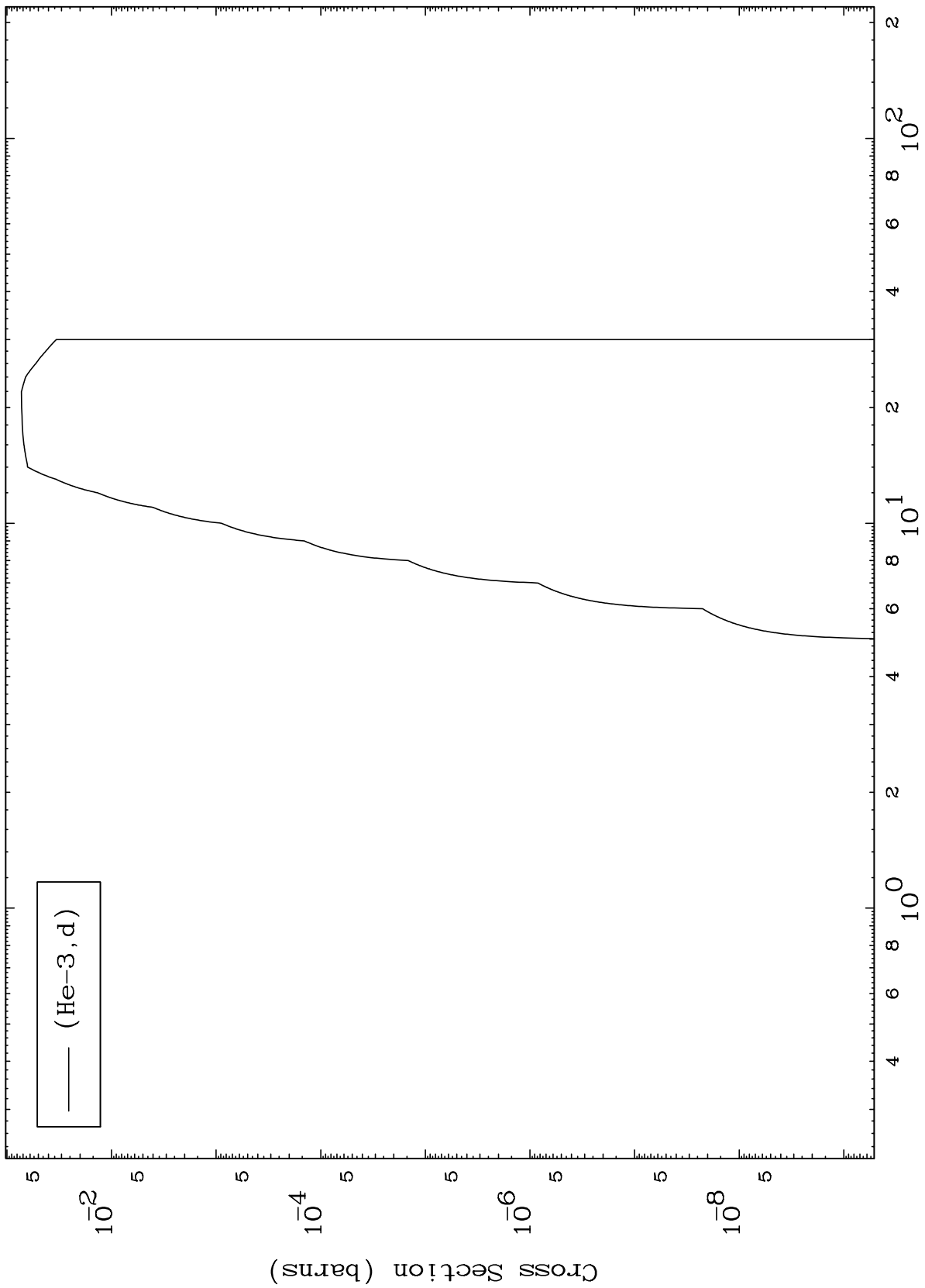
44-Ru-99

0 Kelvin Cross Sections





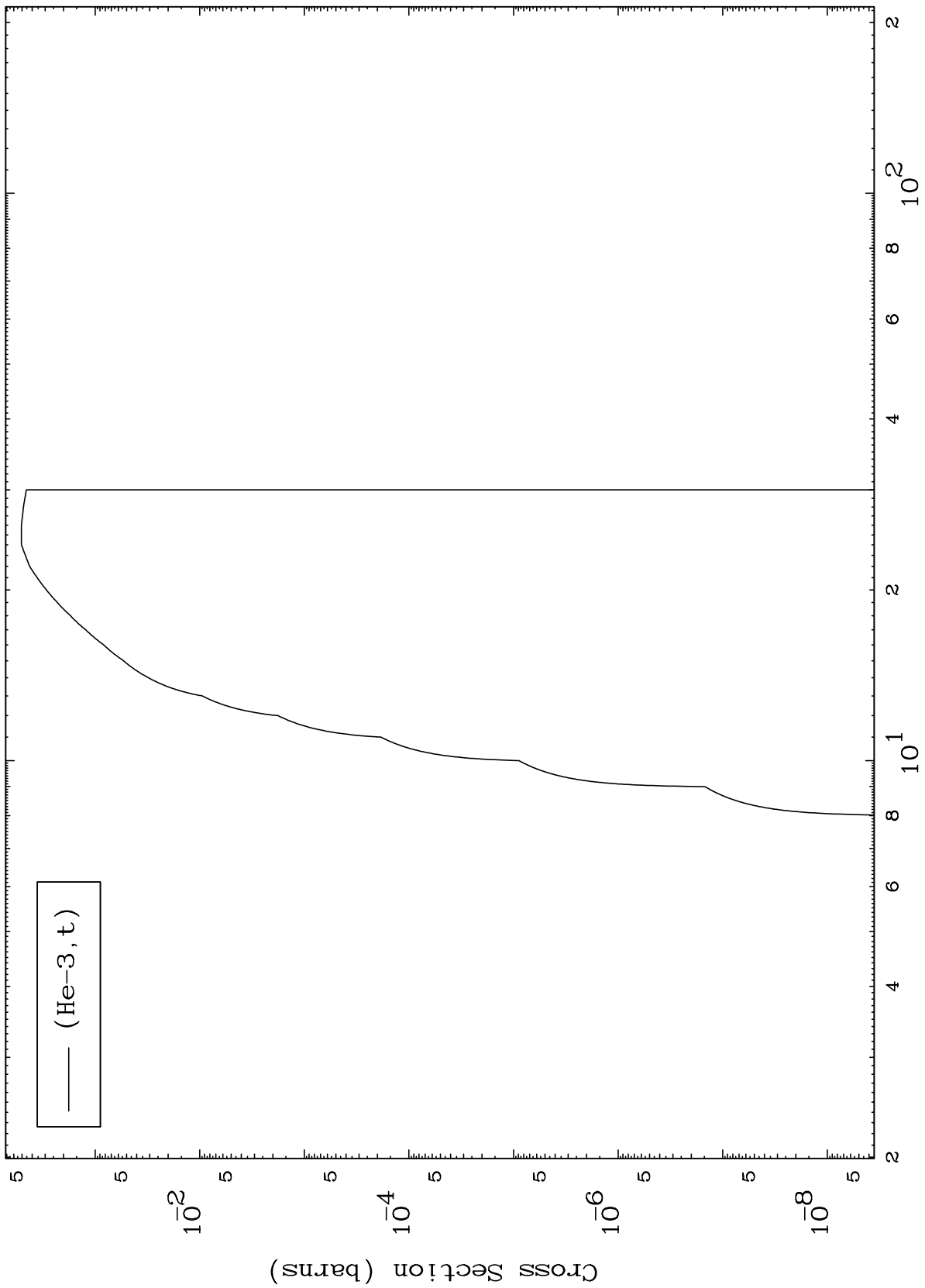
(He-3,d) Levels  
0 Kelvin Cross Sections



MAT 4434

44-Ru-99

(He-3, t) Levels  
0 Kelvin Cross Sections

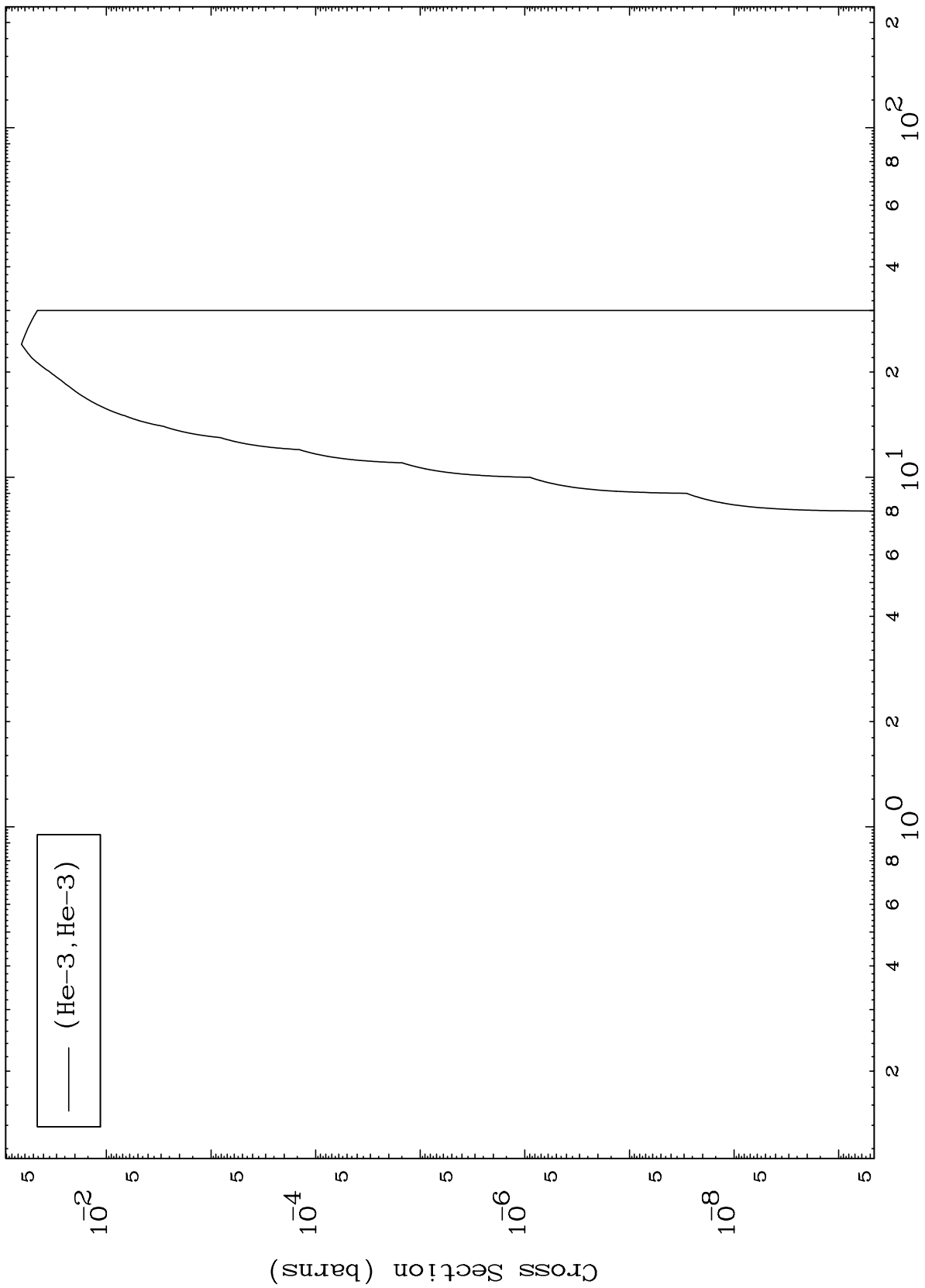


MAT 4434

(He-3, He3) Levels

44-Ru-99

0 Kelvin Cross Sections



10

Incident Energy (MeV)

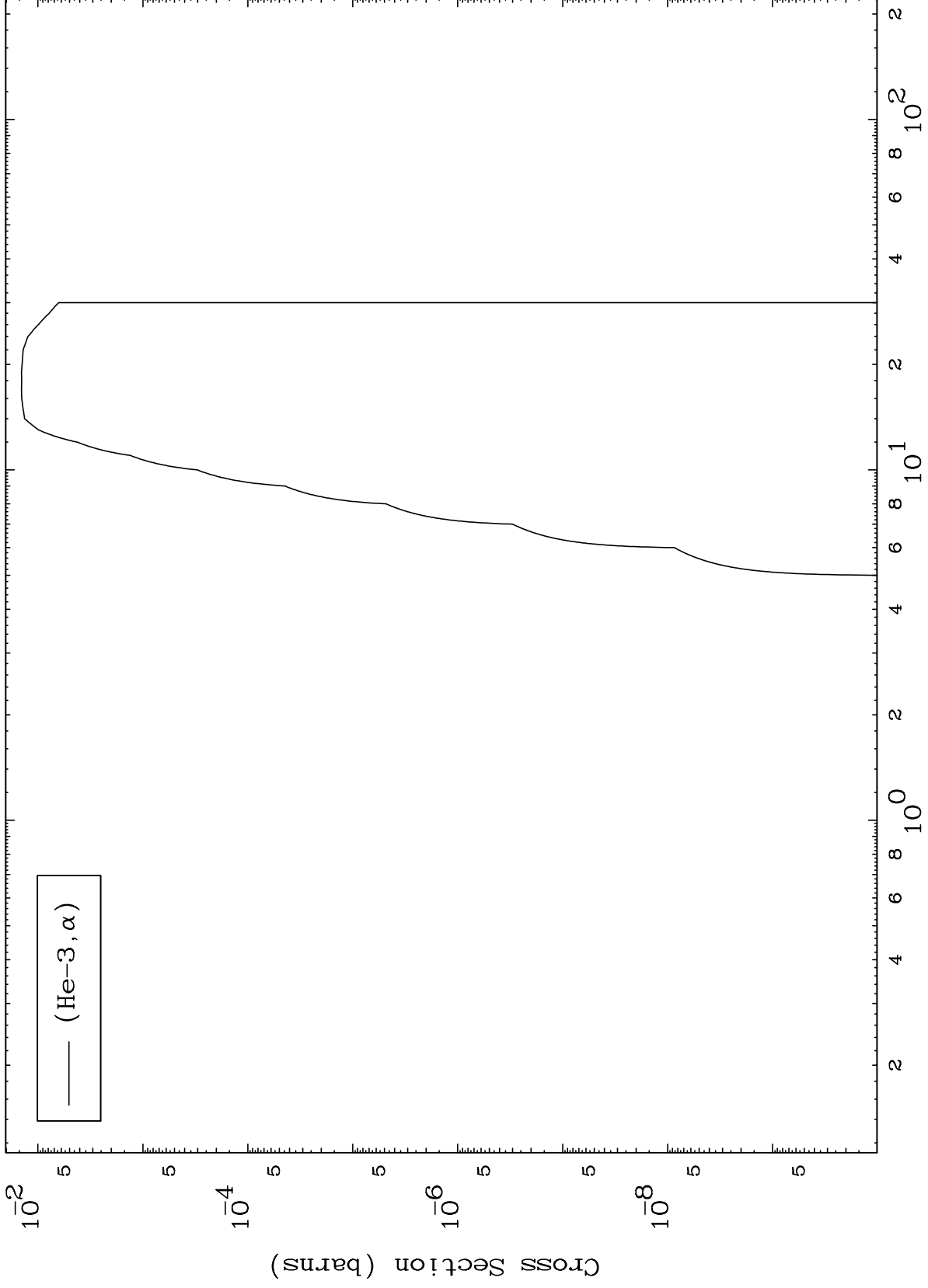
44-Ru-99

MAT 4434

(He-3,  $\alpha$ ) Levels

44-Ru-99

0 Kelvin Cross Sections

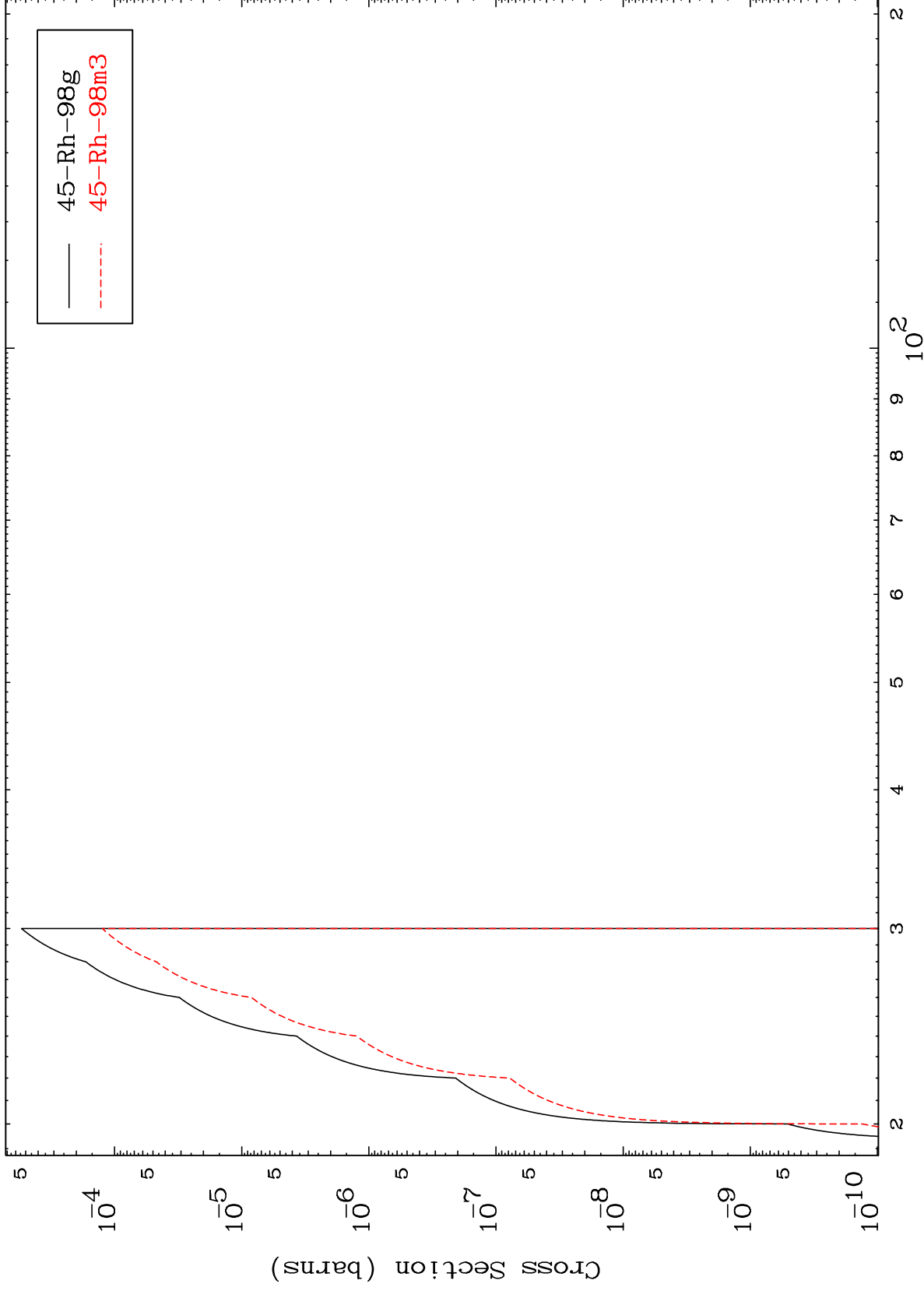


MAT 4434

(He-3,2n) d

44-Ru-99

Radionuclide Production Cross Section



45-Rh-98g  
45-Rh-98m3

12

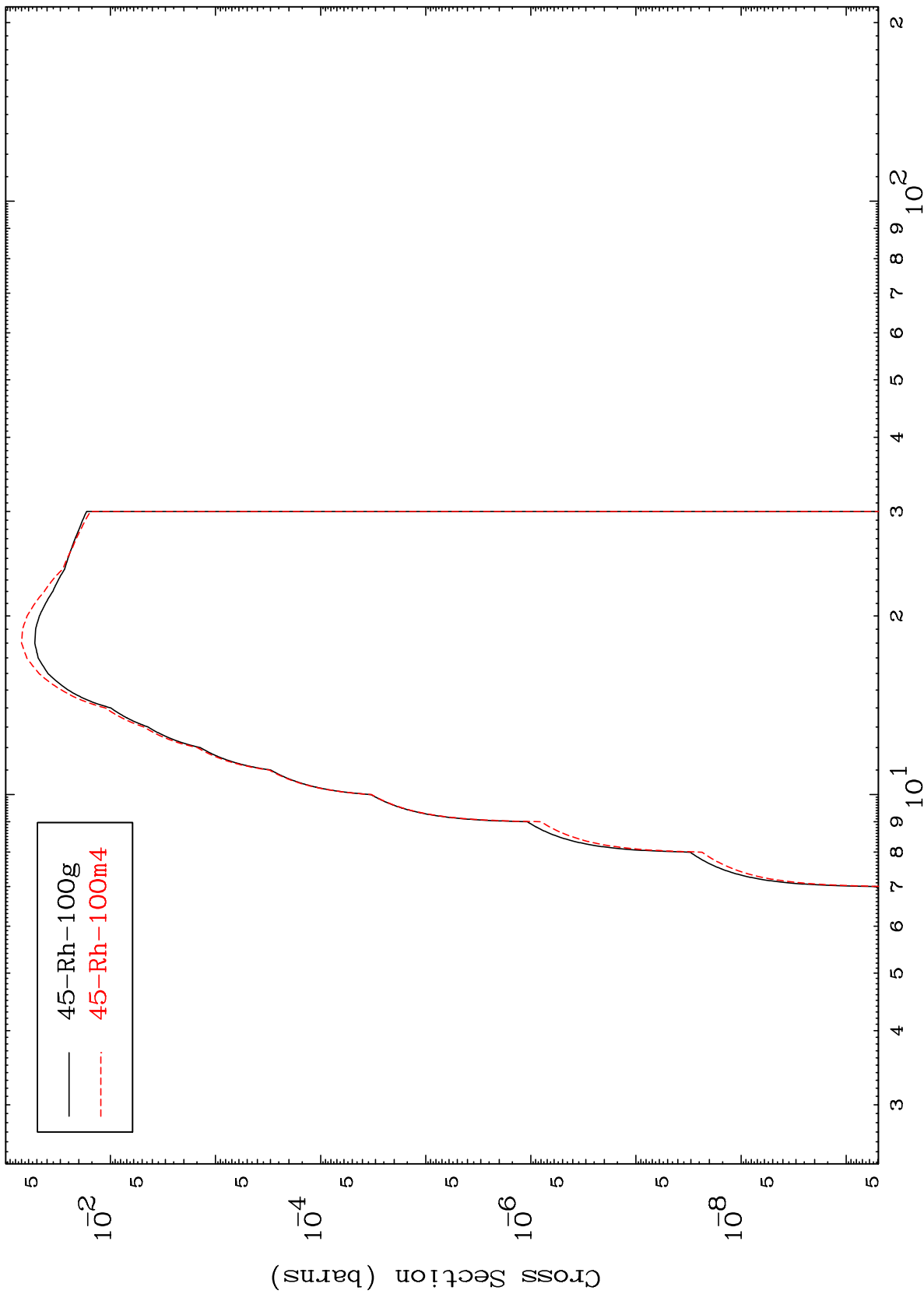
Incident Energy (MeV)

44-Ru-99

MAT 4434

44-Ru-99

(He-3, n') p  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

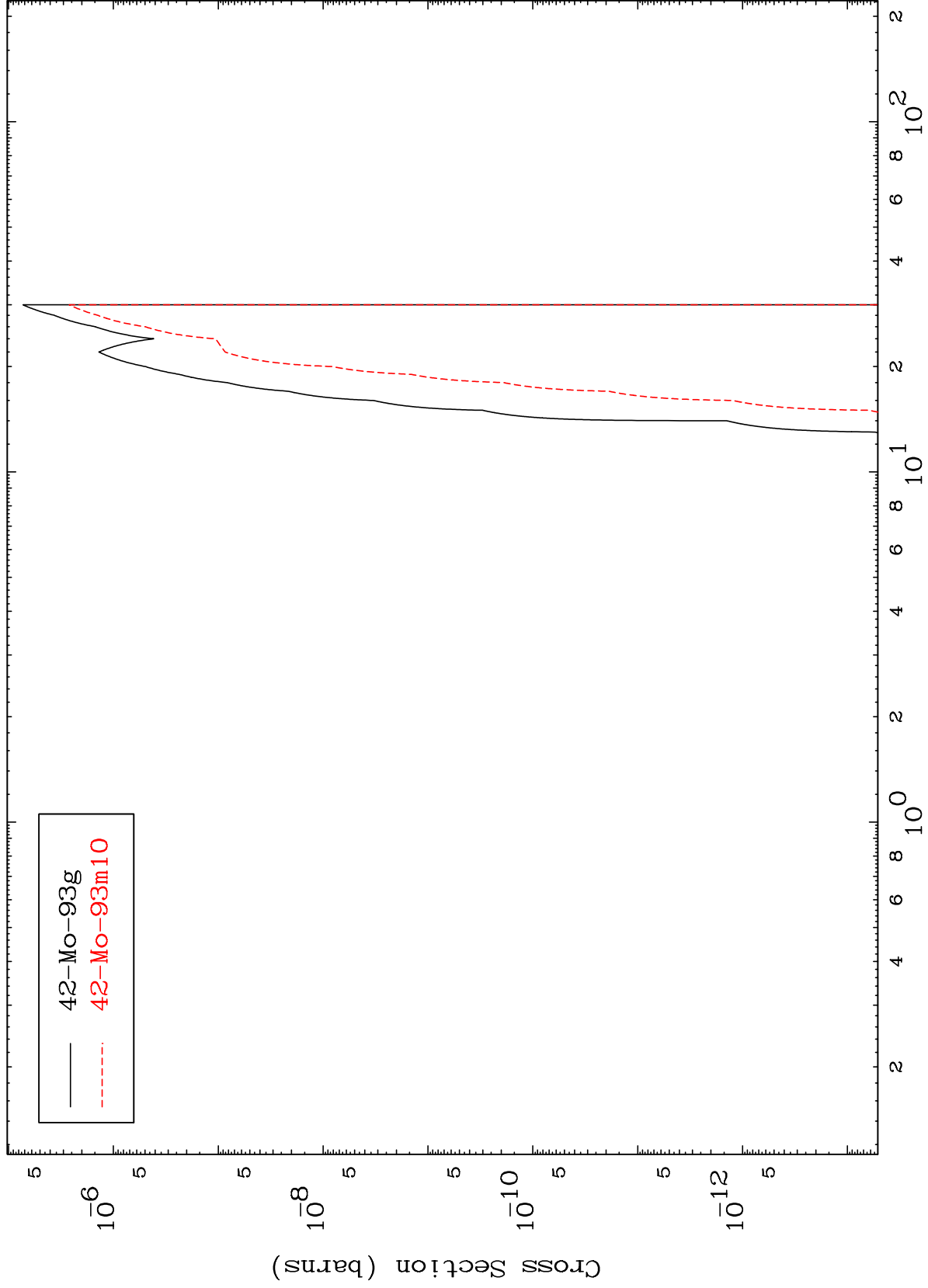
44-Ru-99

MAT 4434

(He-3, n') 2α

44-Ru-99

Radionuclide Production Cross Section



14

Incident Energy (MeV)

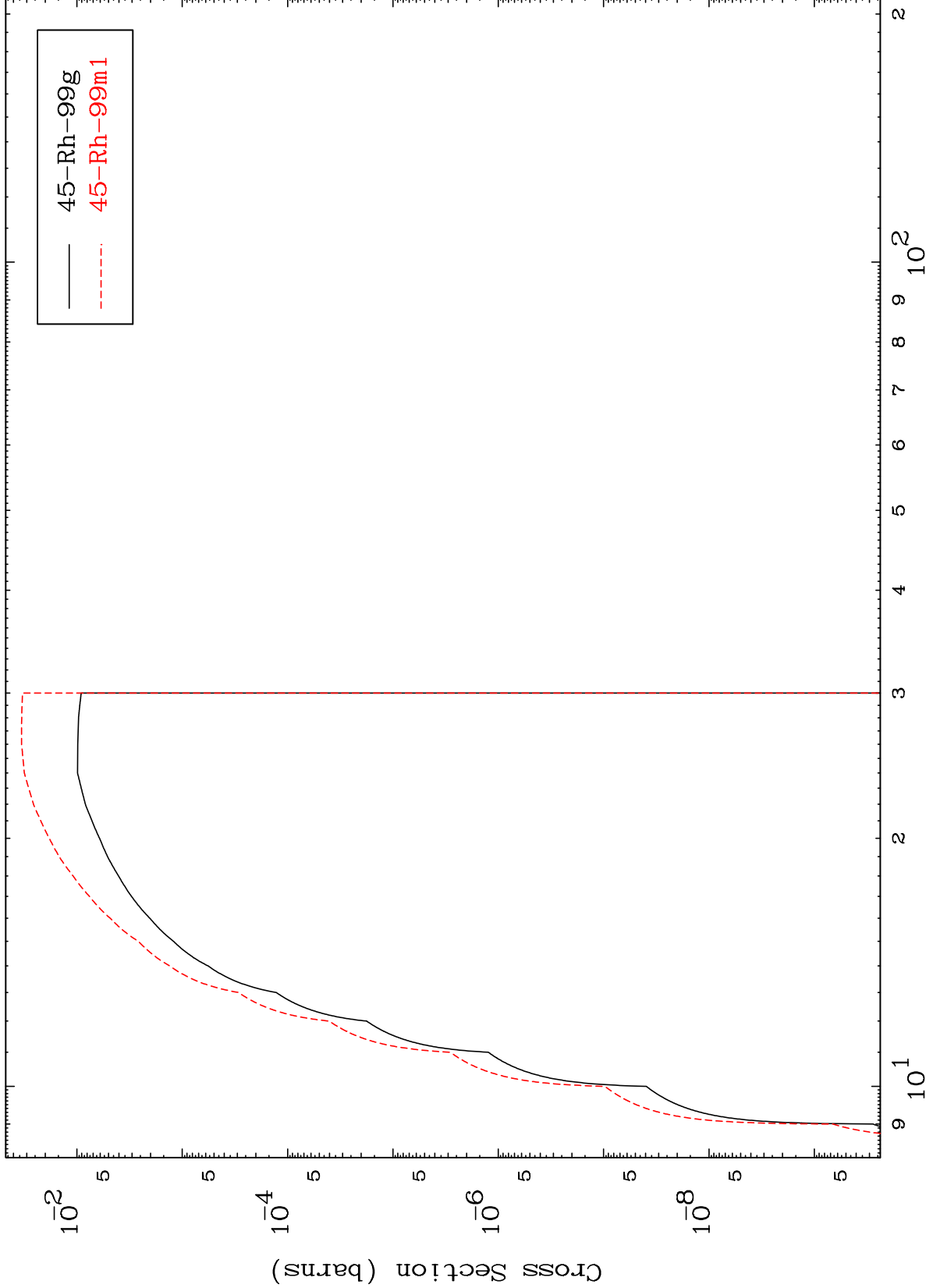
44-Ru-99

MAT 4434

(He-3,n') d

44-Ru-99

Radionuclide Production Cross Section



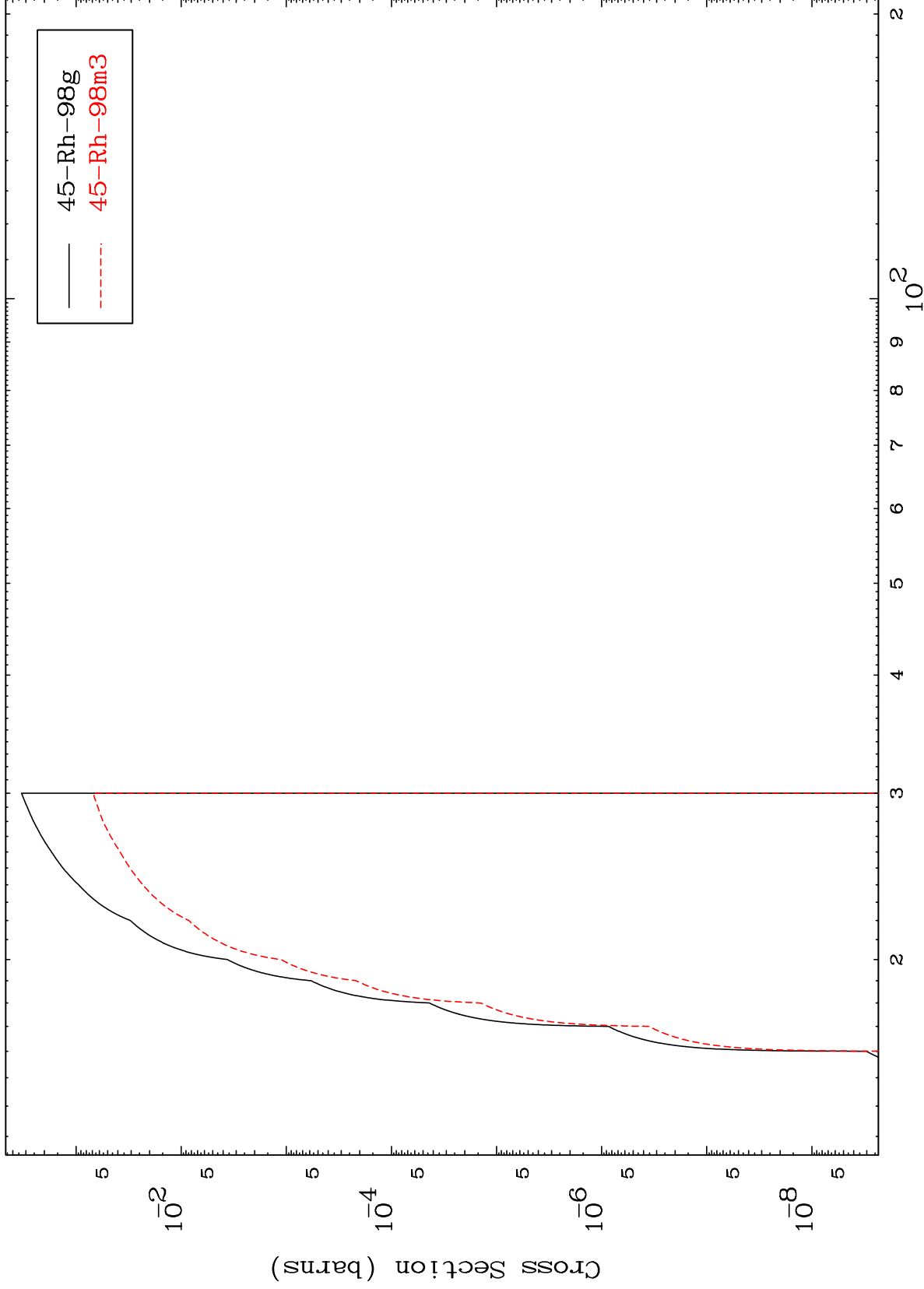
15

Incident Energy (MeV)

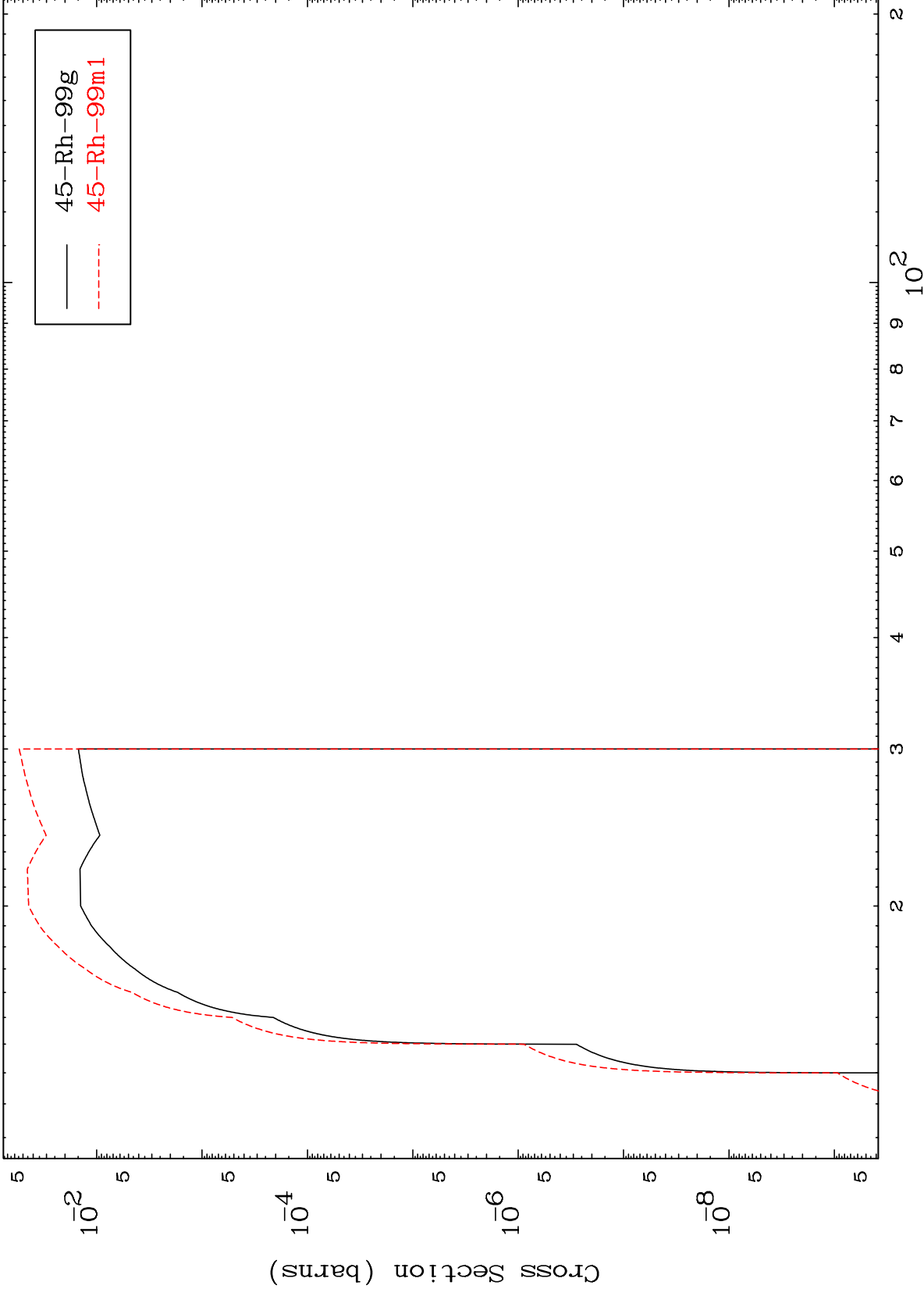
44-Ru-99



Radionuclide Production Cross Section



Radionuclide Production Cross Section

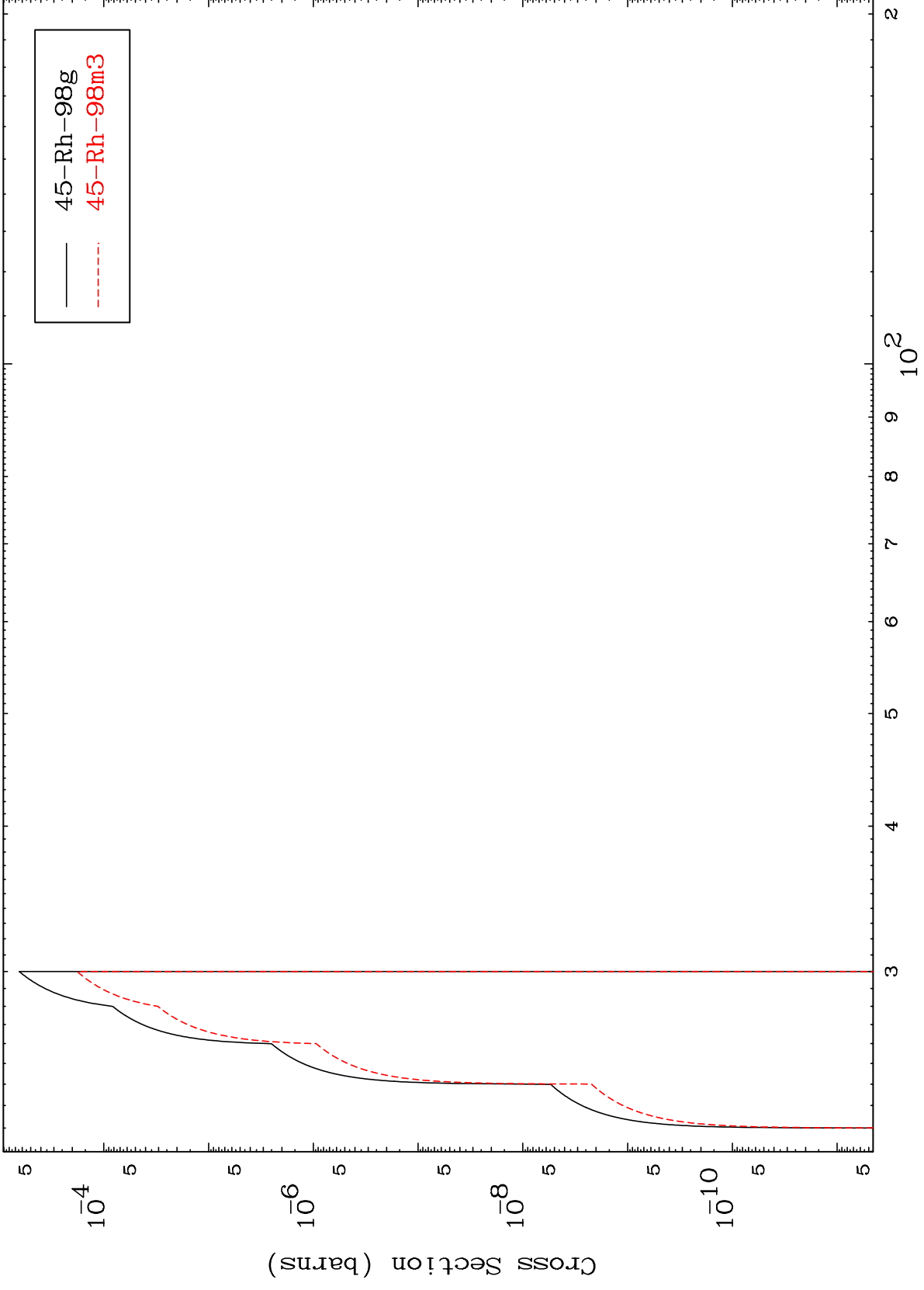


MAT 4434

(He-3,3n) p

44-Ru-99

Radionuclide Production Cross Section



18

Incident Energy (MeV)

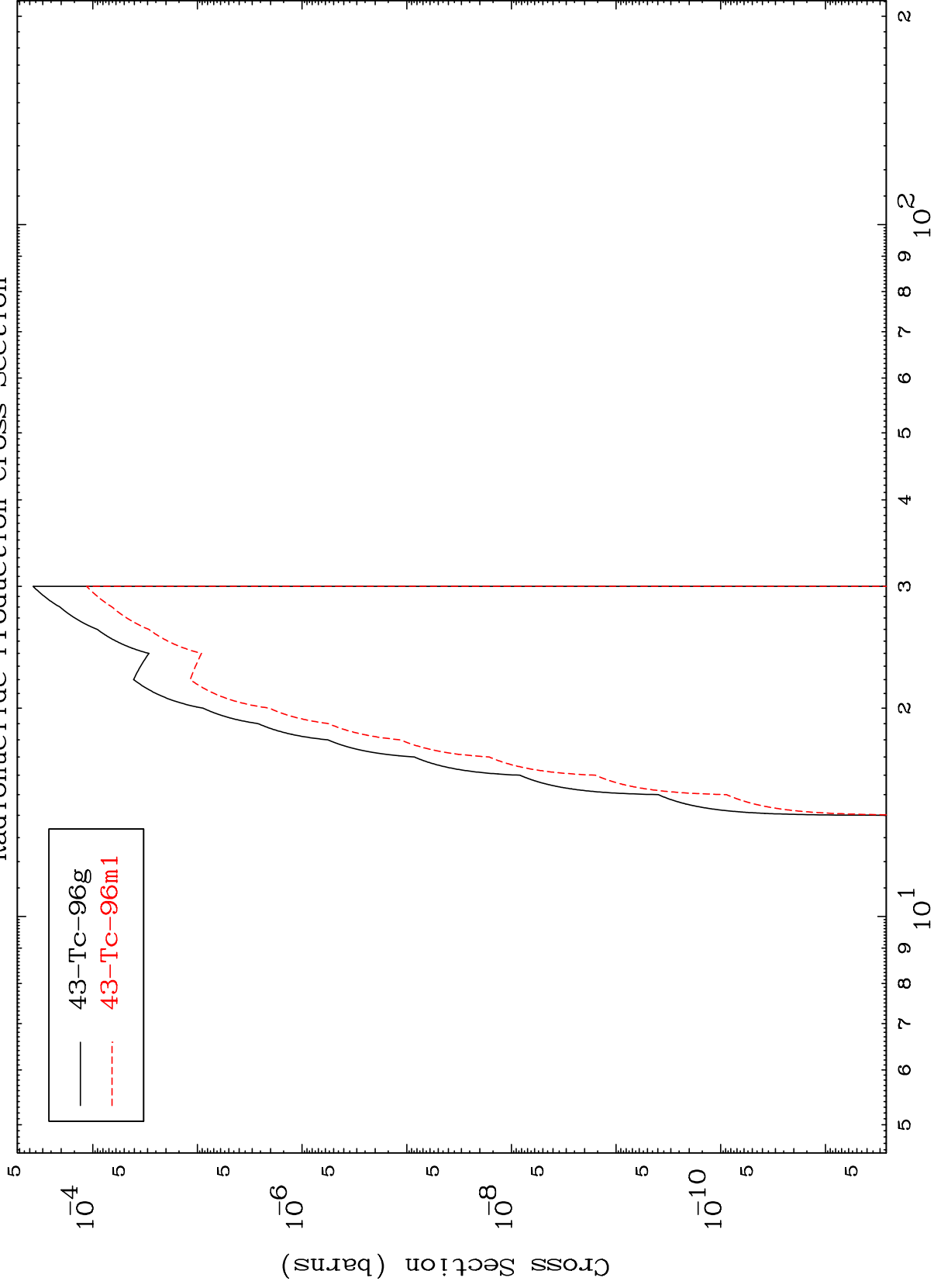
44-Ru-99

MAT 4434

(He-3, n') p  $\alpha$

44-Ru-99

Radionuclide Production Cross Section



19

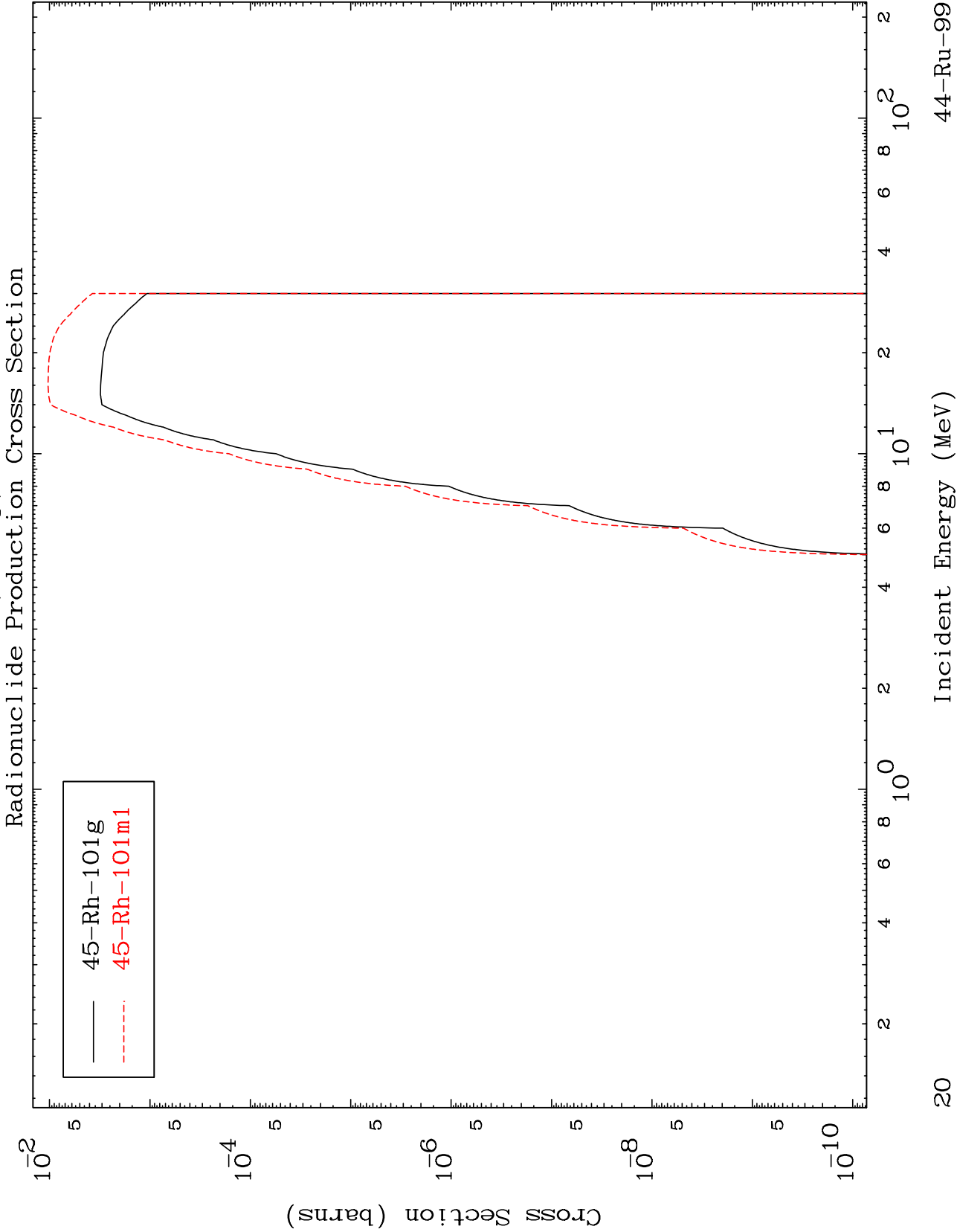
Incident Energy (MeV)

44-Ru-99

MAT 4434

(He-3, p)

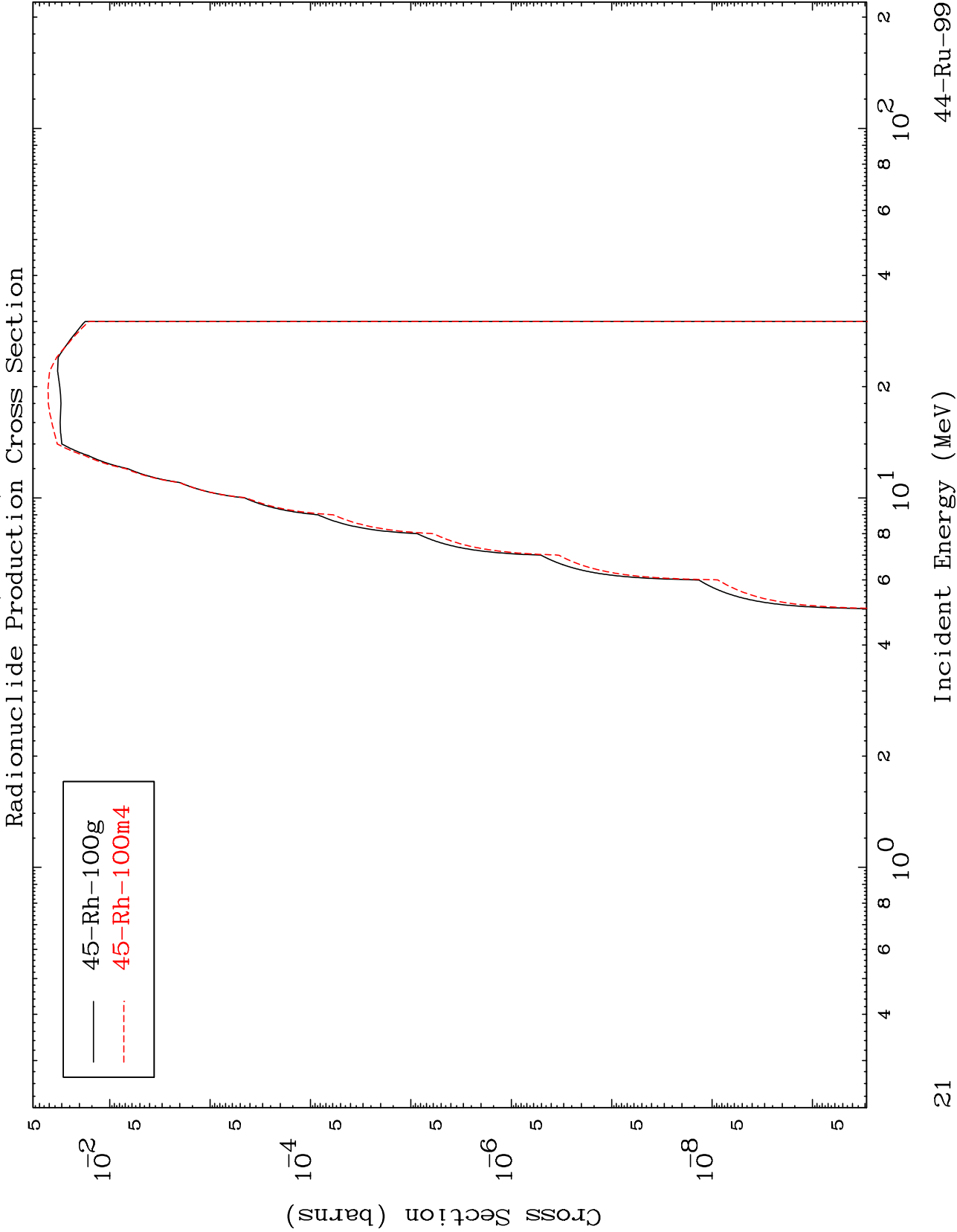
44-Ru-99



MAT 4434

(He-3, d)

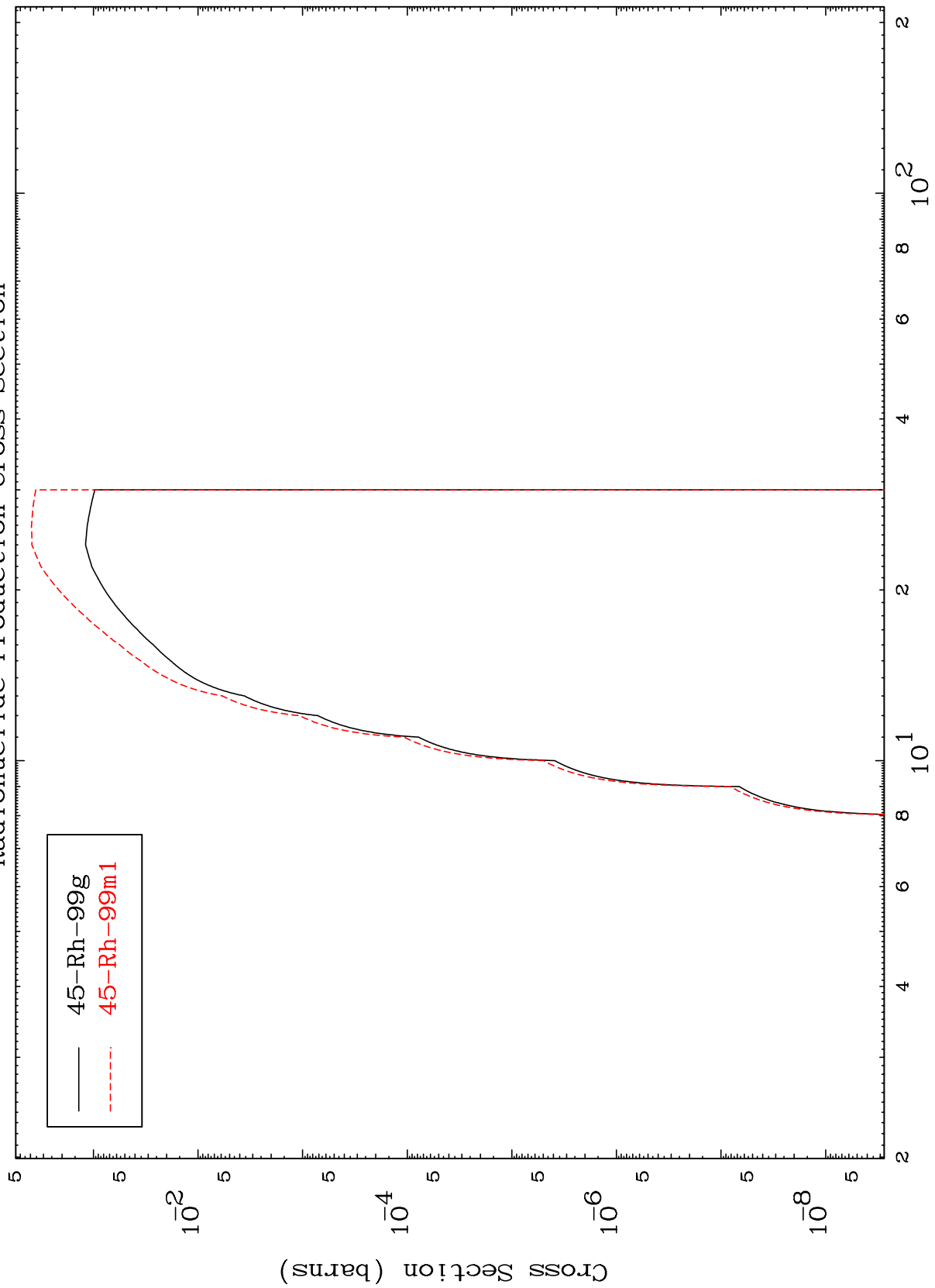
44-Ru-99



MAT 4434

44-Ru-99

Radionuclide Production Cross Section  
(He-3, t)



44-Ru-99

Incident Energy (MeV)

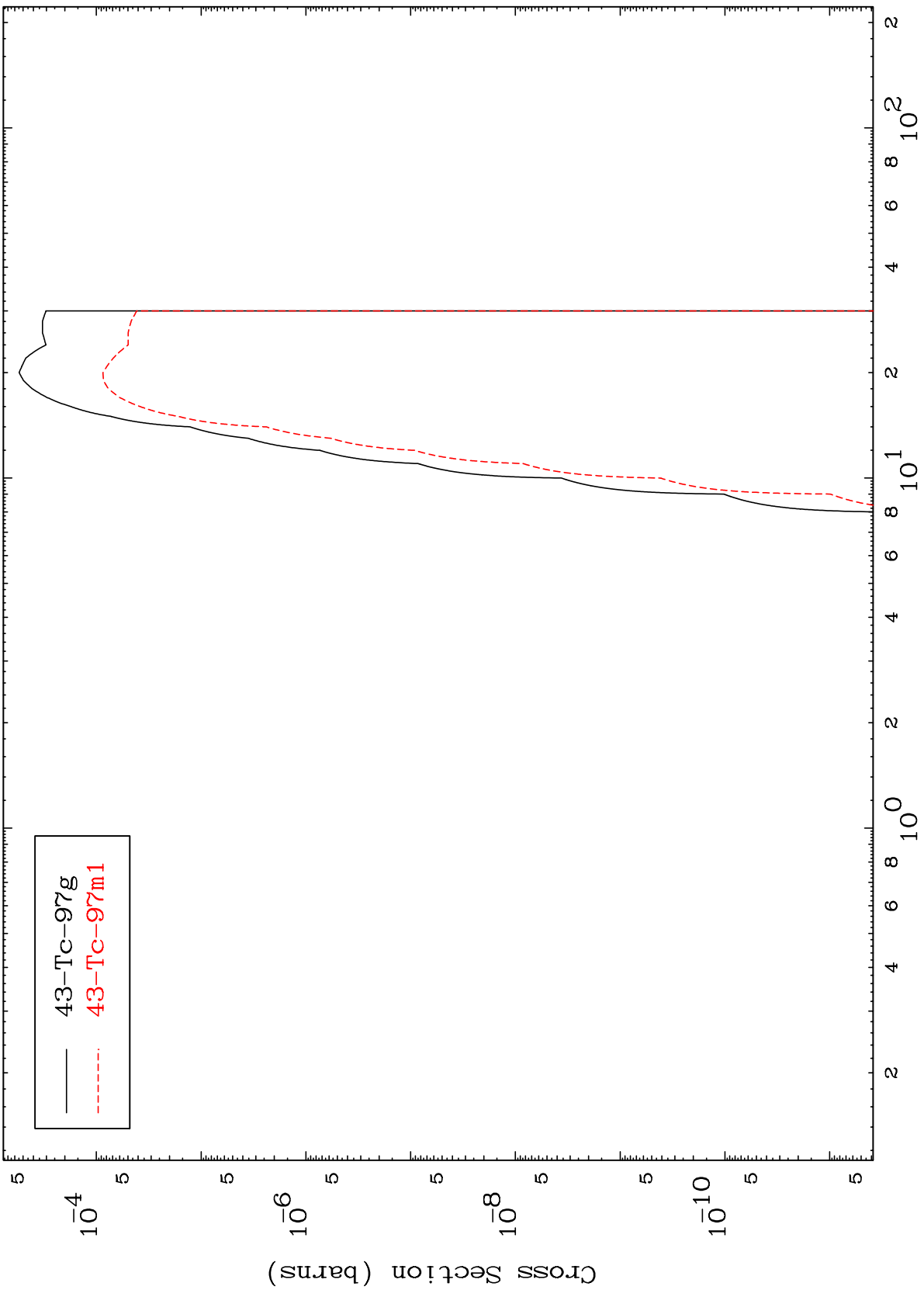
22

MAT 4434

(He-3, p)  $\alpha$

44-Ru-99

Radionuclide Production Cross Section



— 43-Tc-97g  
- - - 43-Tc-97m1

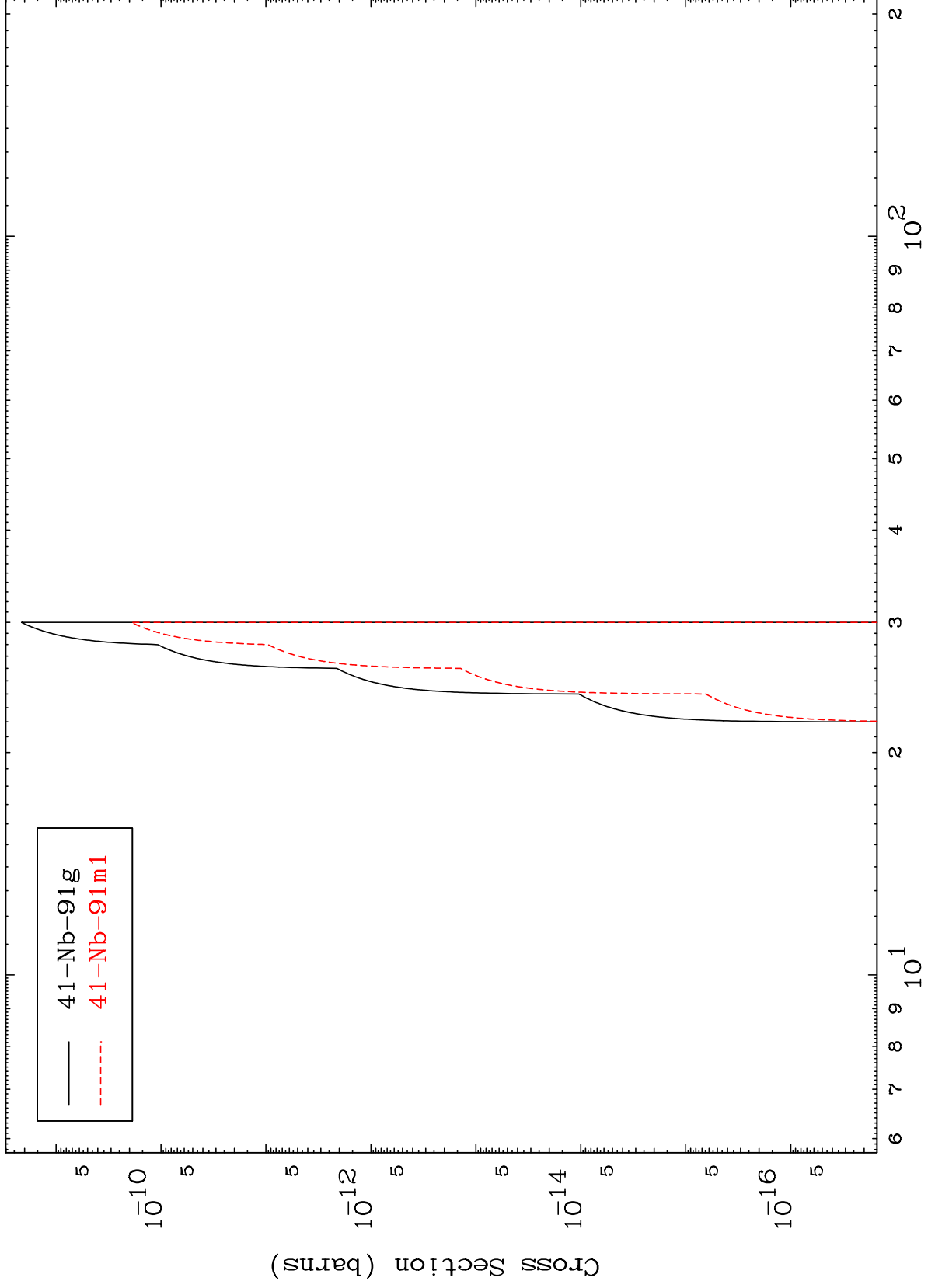


MAT 4434

(He-3, t) 2 $\alpha$

44-Ru-99

Radionuclide Production Cross Section



— 41-Nb-91g  
- - - 41-Nb-91m1

24

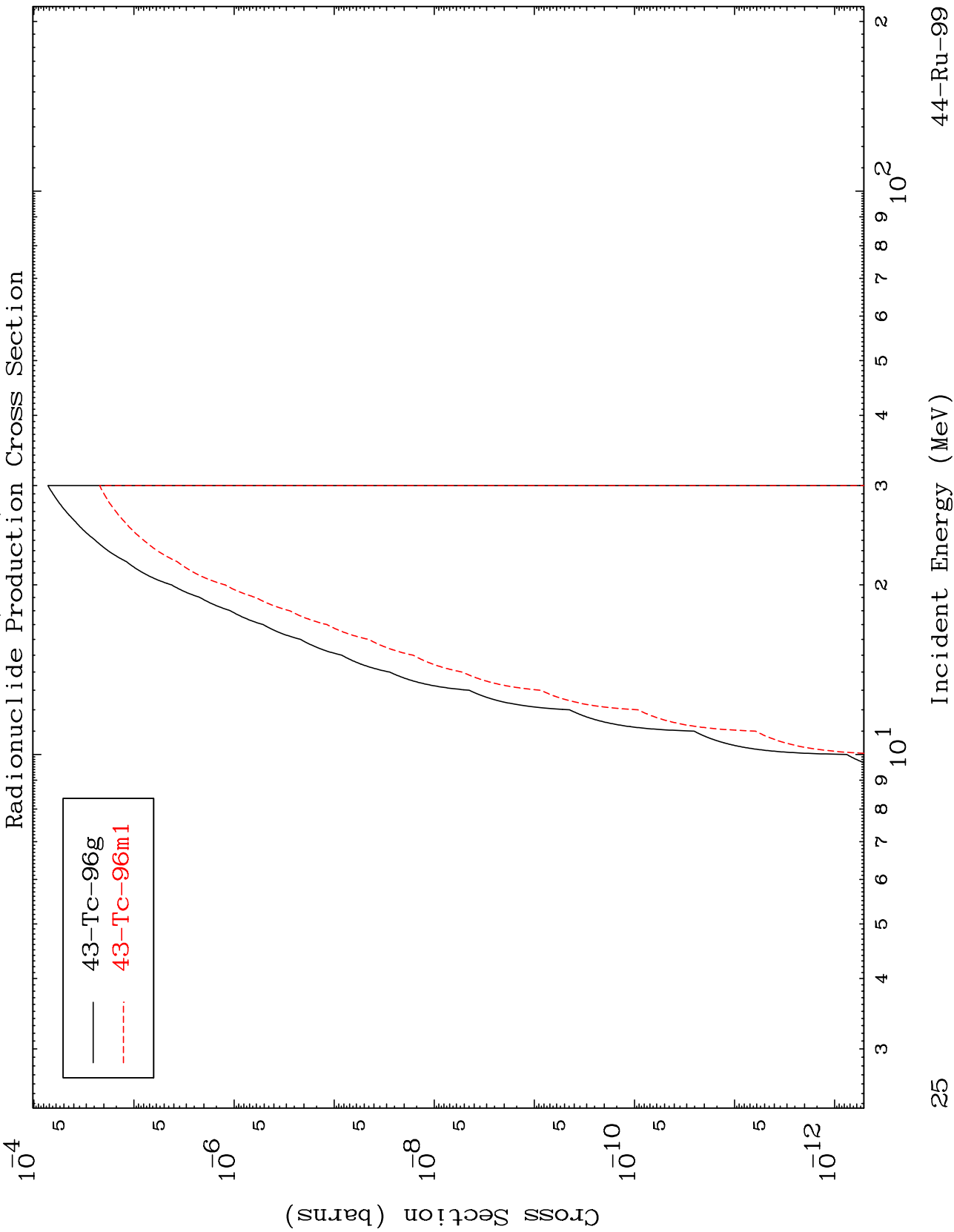
Incident Energy (MeV)

44-Ru-99

MAT 4434

(He-3,d)  $\alpha$

44-Ru-99



25

Incident Energy (MeV)

44-Ru-99