

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](mailto:redcullen1@comcast.net)

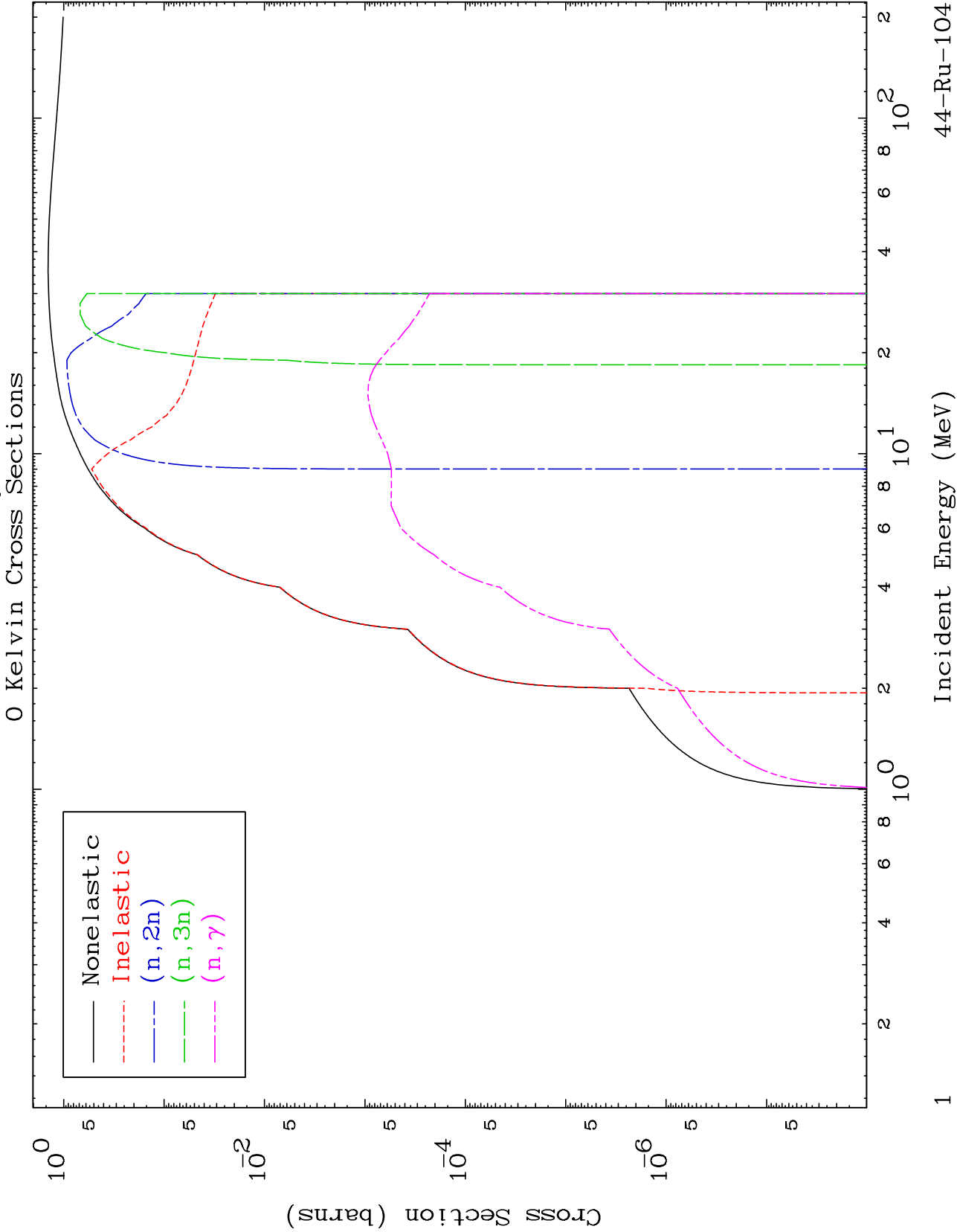
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

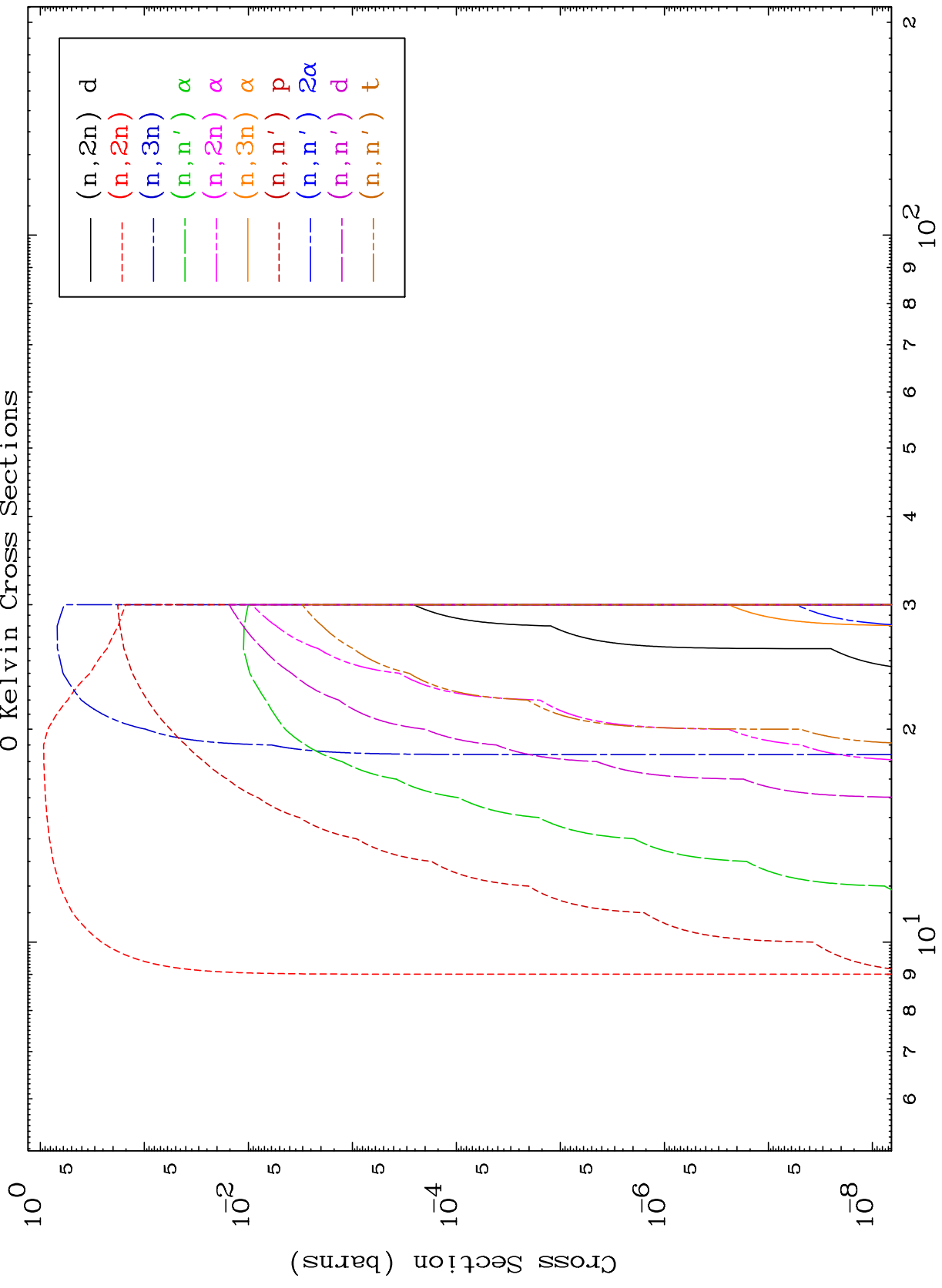
Press Mouse Button to Start

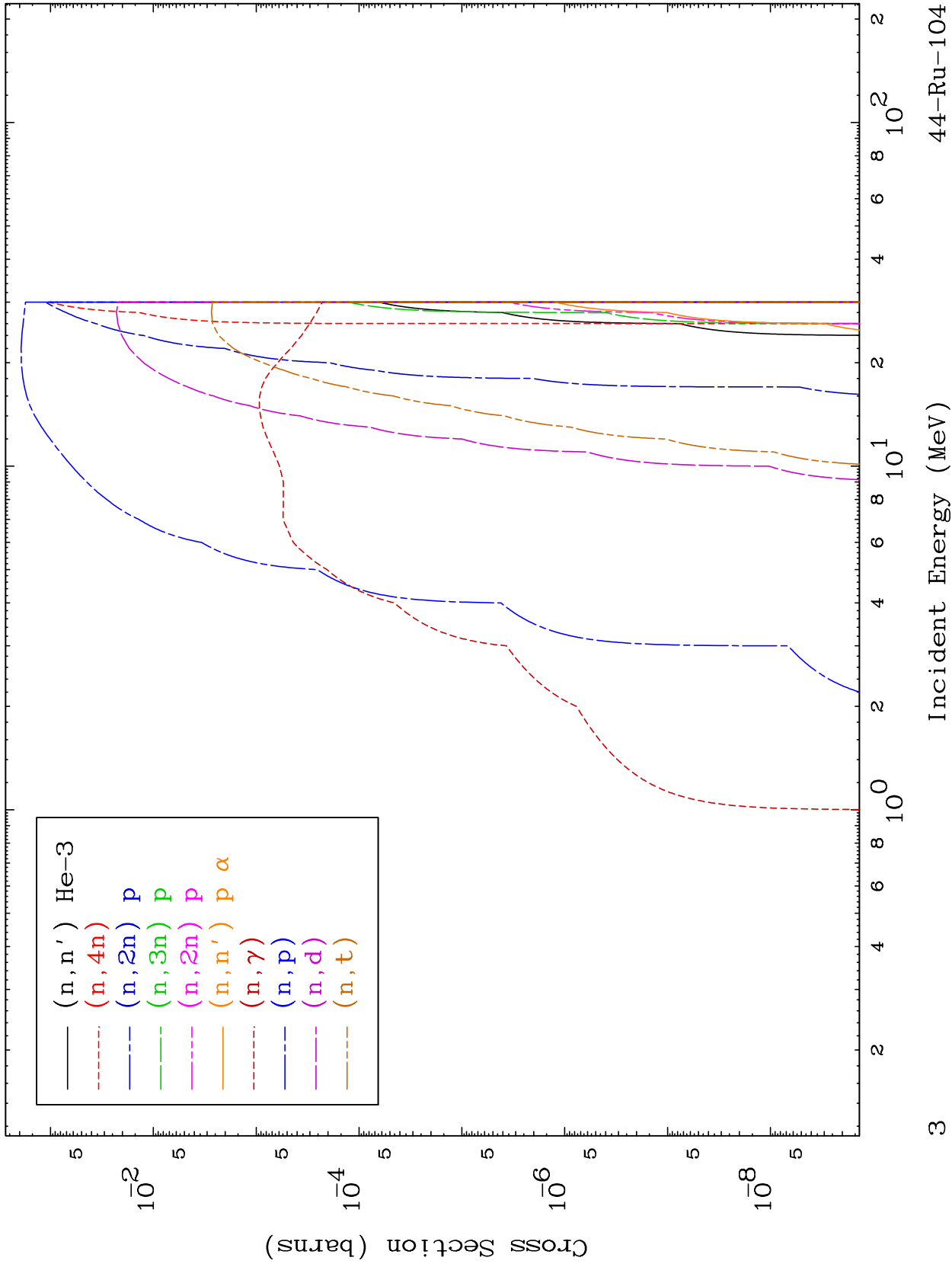
MAT 4449

Proton Major

44-Ru-104



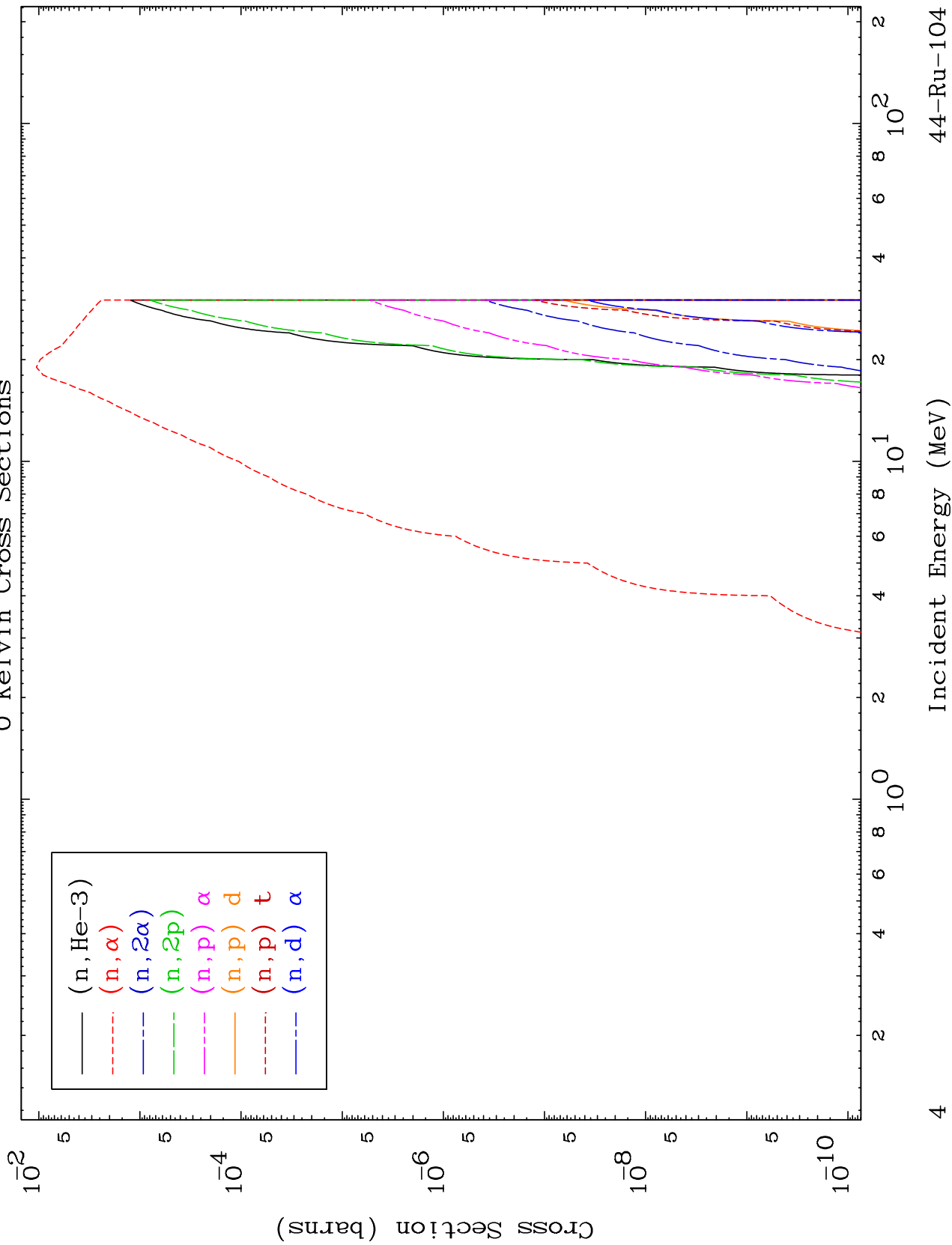




MAT 4449

Proton Neutron Absorption  
0 Kelvin Cross Sections

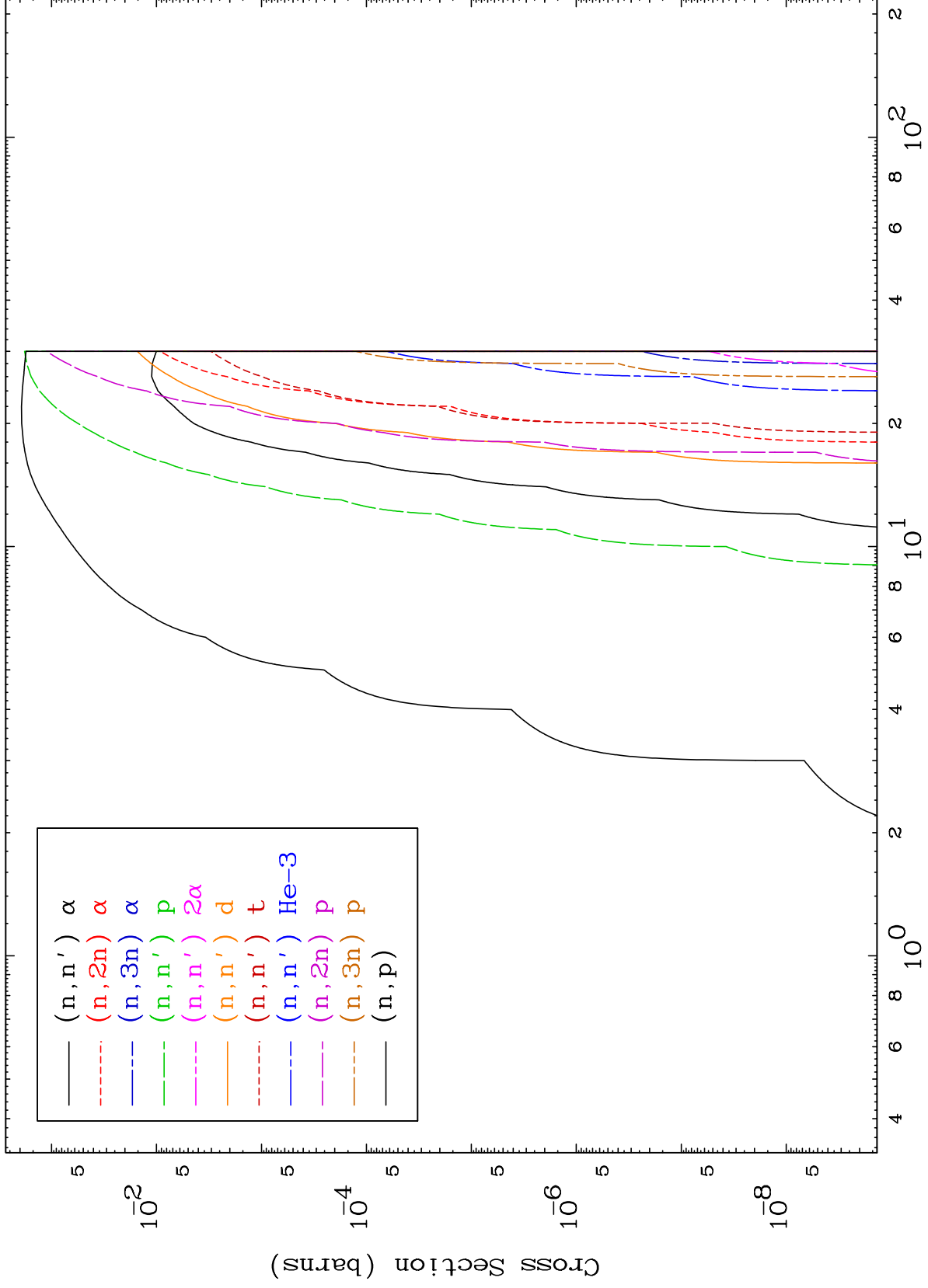
44-Ru-104



MAT 4449

Proton Charged Particle  
0 Kelvin Cross Sections

44-Ru-104



5

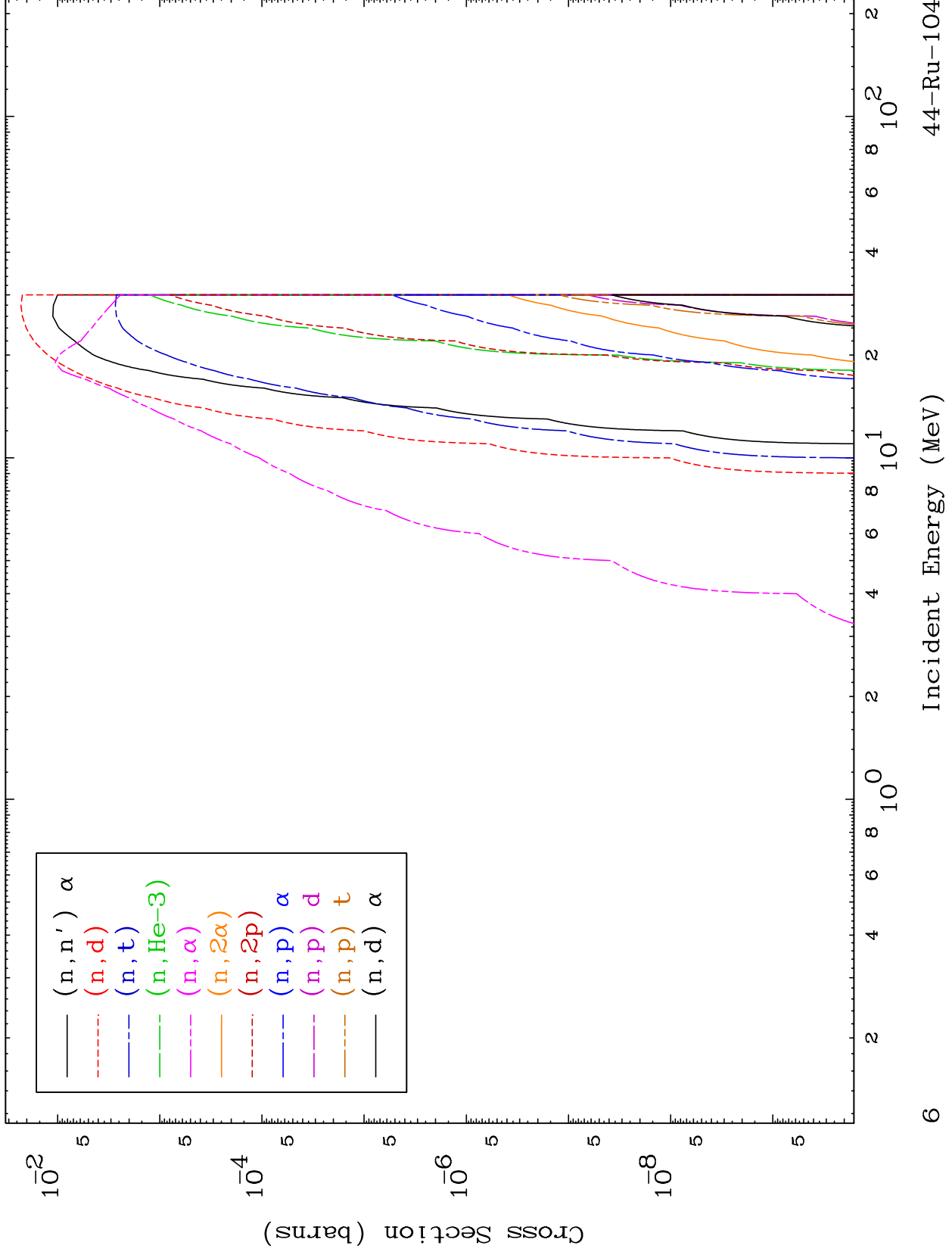
Incident Energy (MeV)

44-Ru-104

MAT 4449

Proton Charged Particle  
0 Kelvin Cross Sections

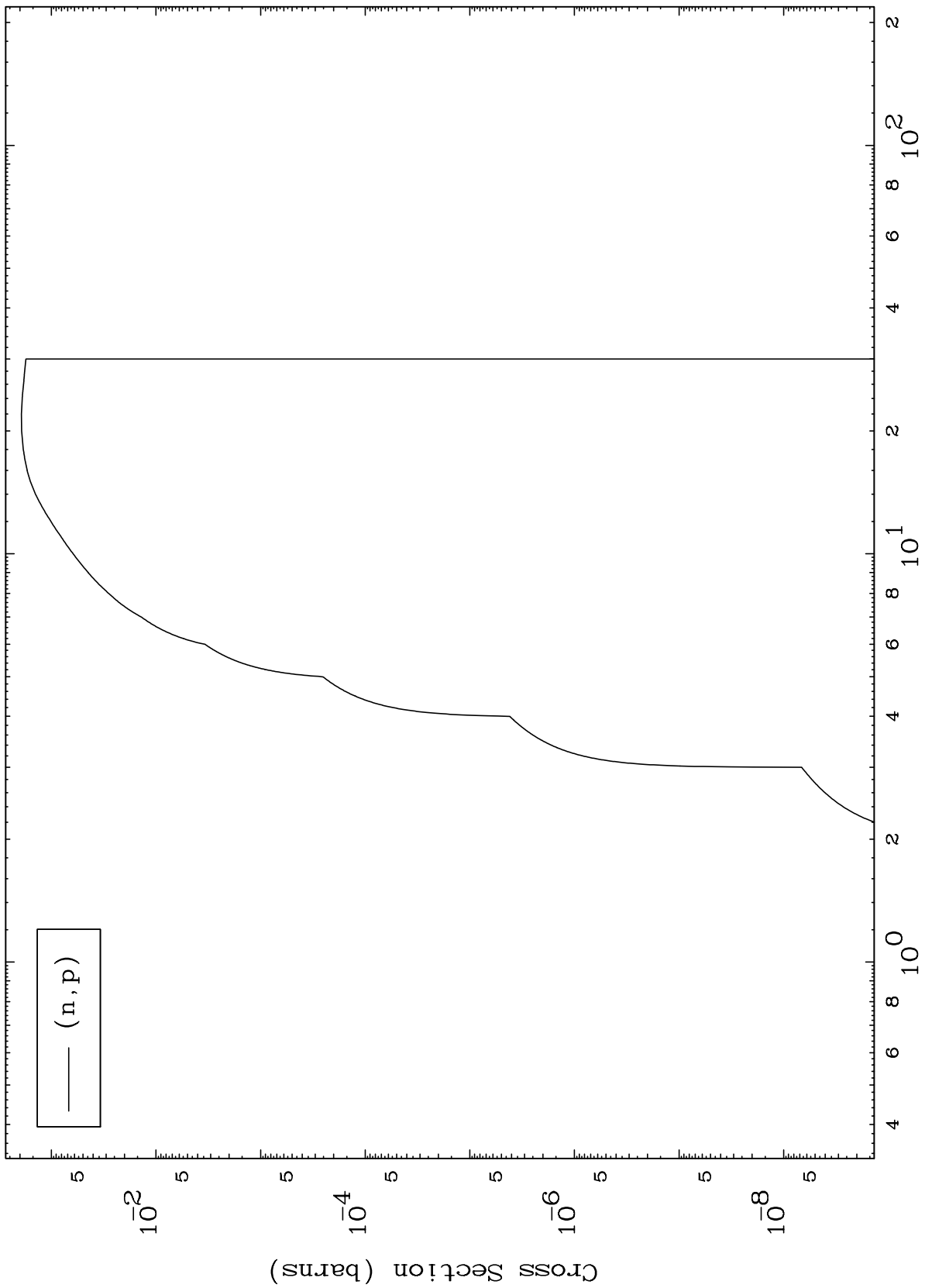
44-Ru-104



MAT 4449

44-Ru-104

(p,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

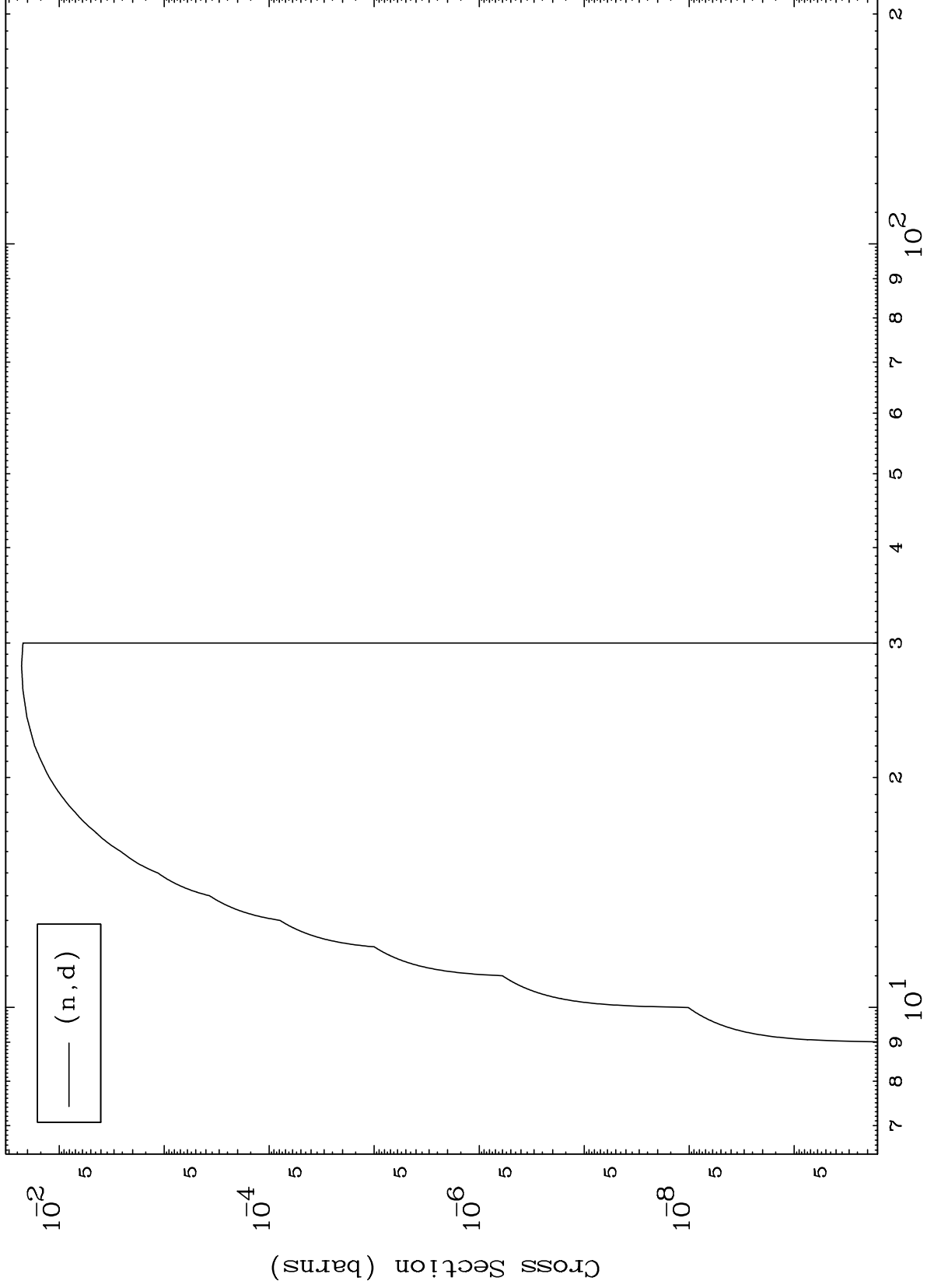
44-Ru-104



MAT 4449

(p,d) Levels  
0 Kelvin Cross Sections

44-Ru-104



8

Incident Energy (MeV)

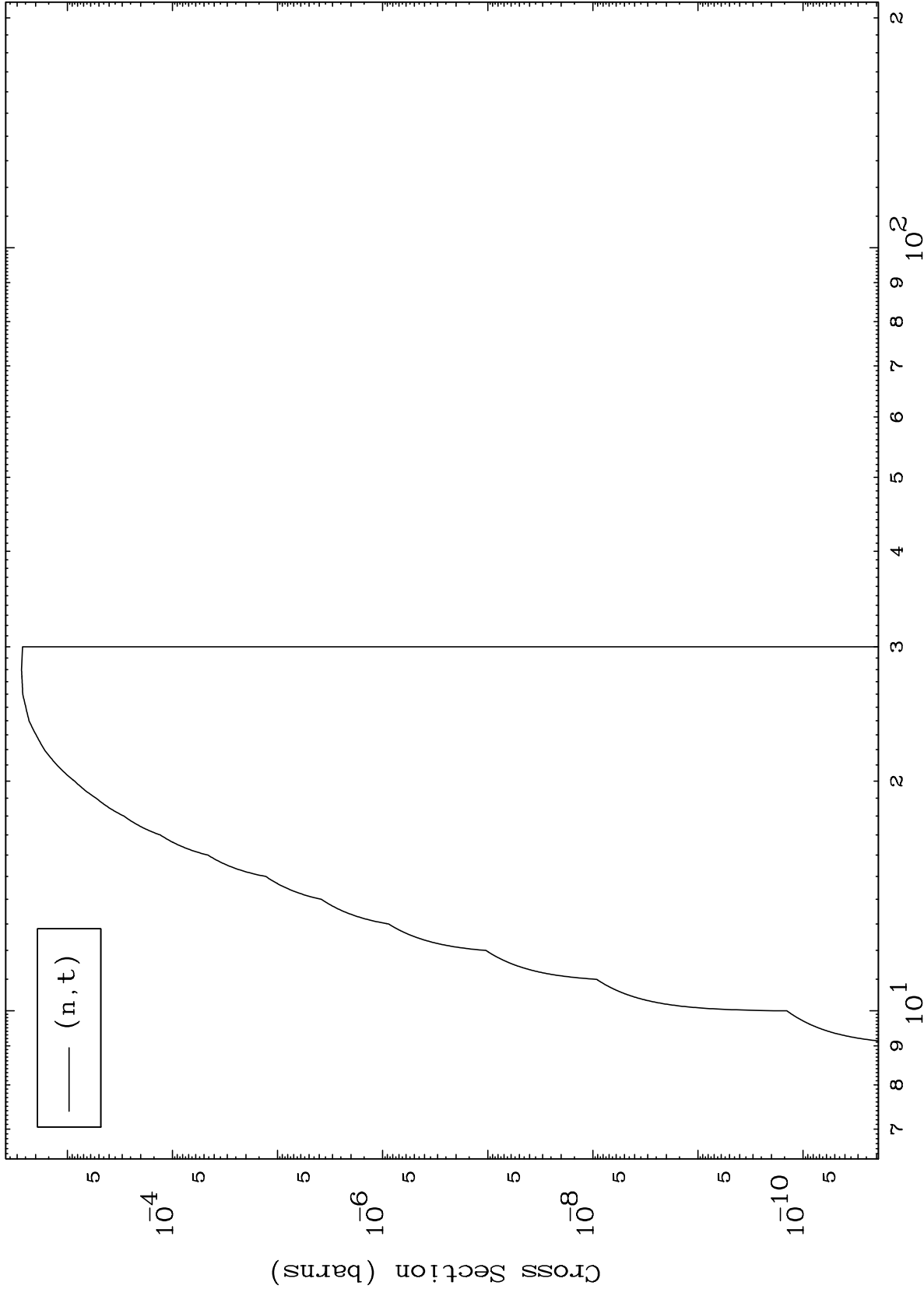
44-Ru-104

MAT 4449

(p, t) Levels

44-Ru-104

0 Kelvin Cross Sections



9

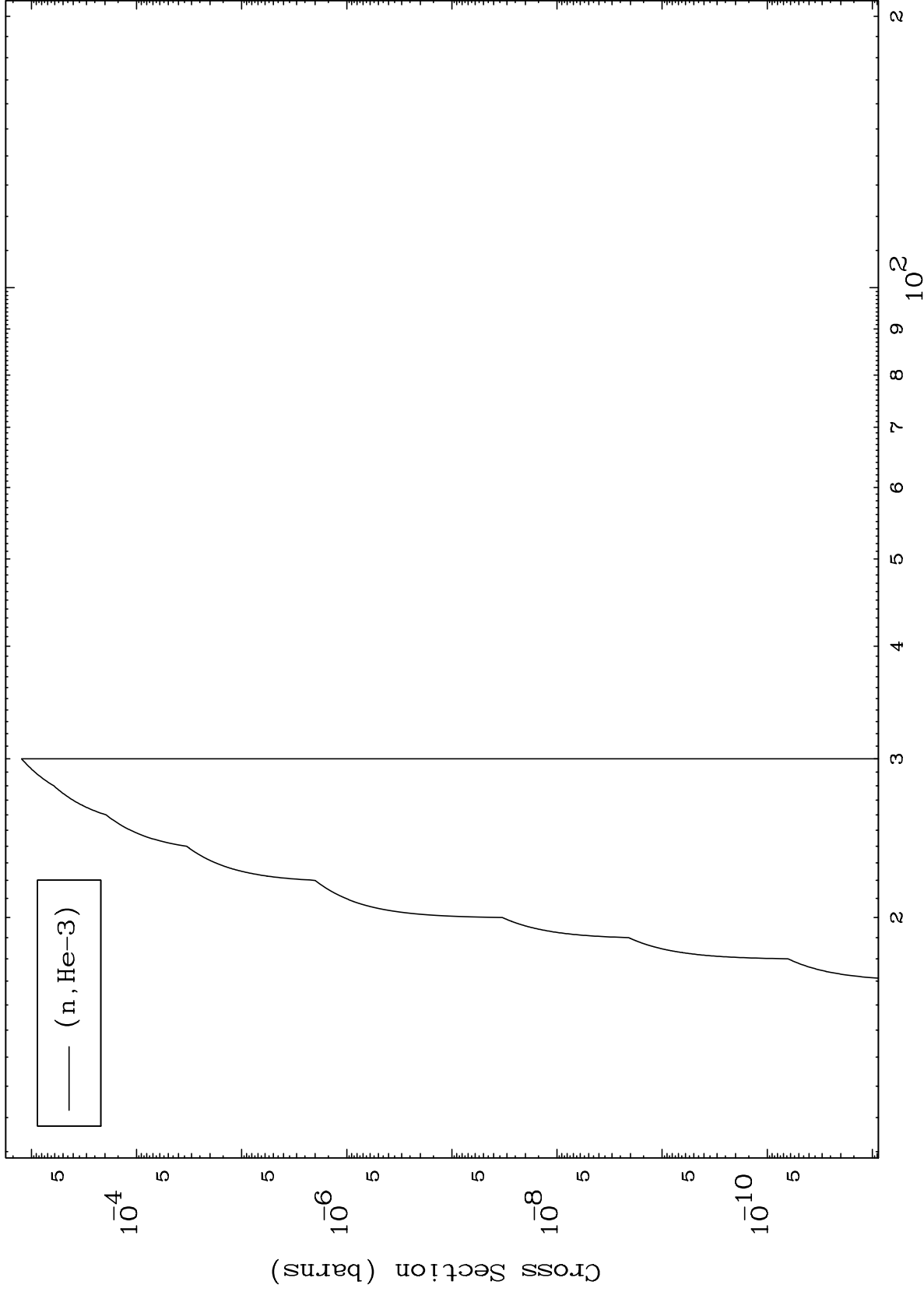
Incident Energy (MeV)

44-Ru-104

MAT 4449

(p,He3) Levels  
0 Kelvin Cross Sections

44-Ru-104



10

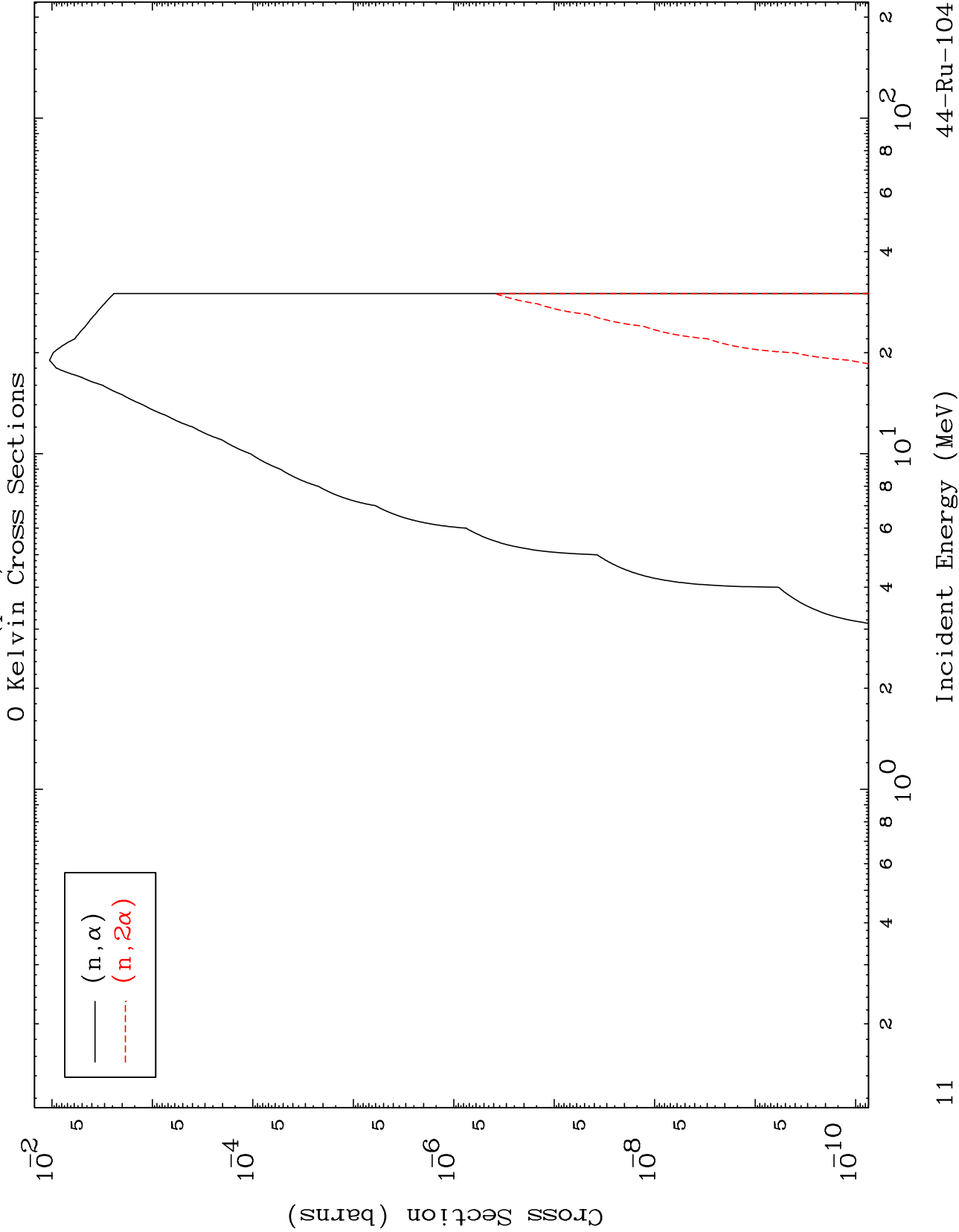
Incident Energy (MeV)

44-Ru-104

MAT 4449

(p,  $\alpha$ ) Levels

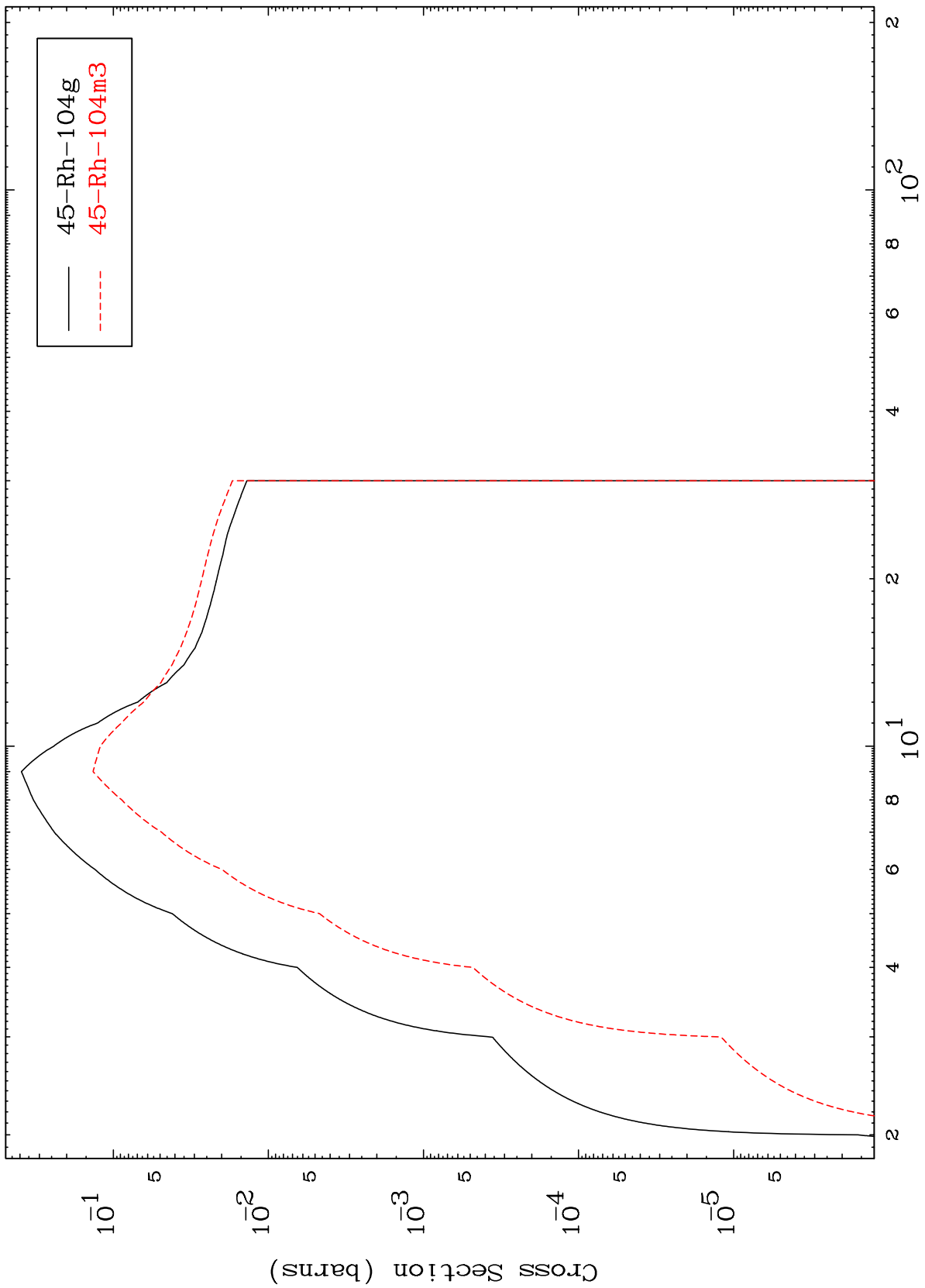
44-Ru-104



MAT 4449

44-Ru-104

Inelastic  
Radionuclide Production Cross Section



12

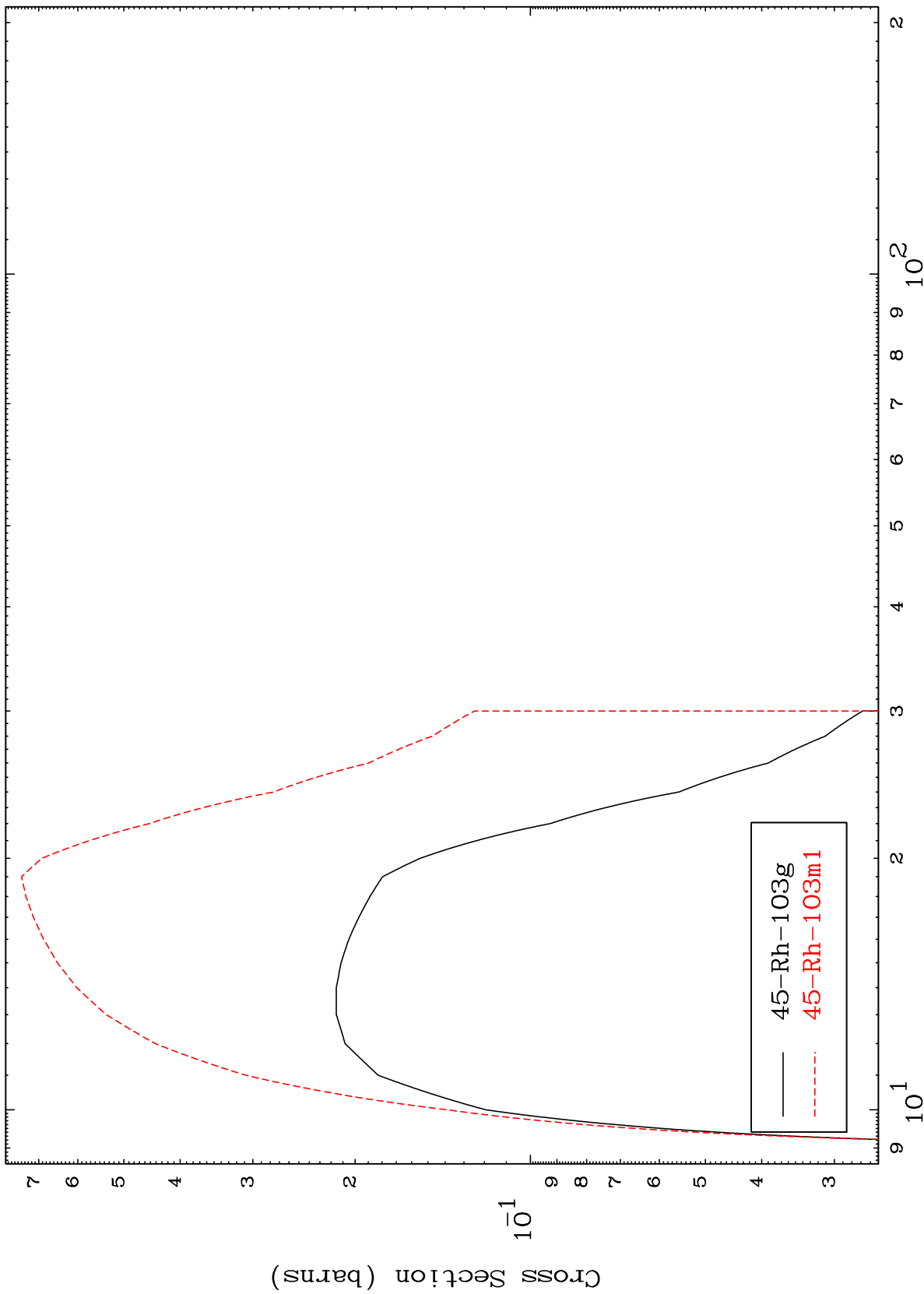
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

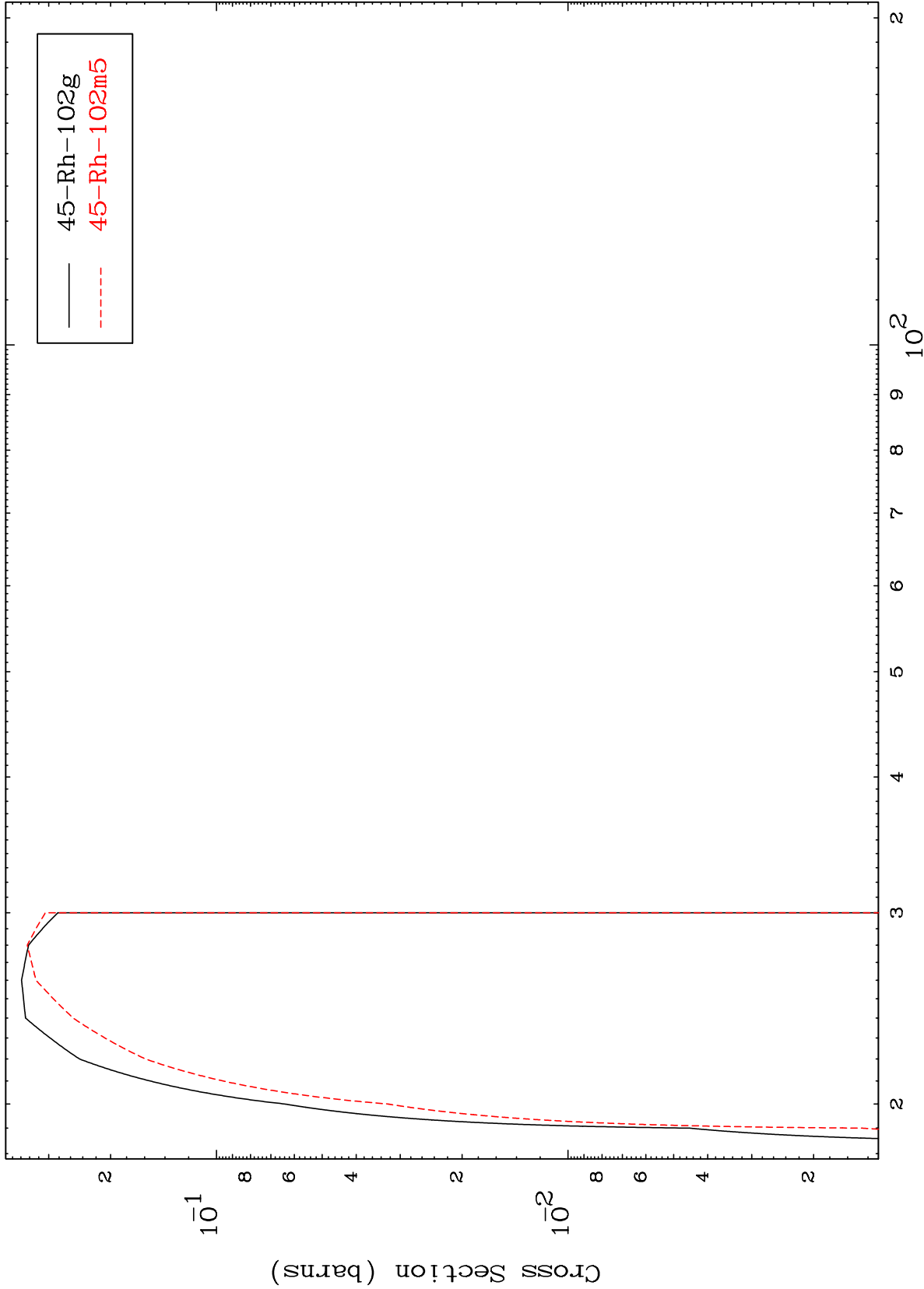
44-Ru-104

MAT 4449

(n,3n)

44-Ru-104

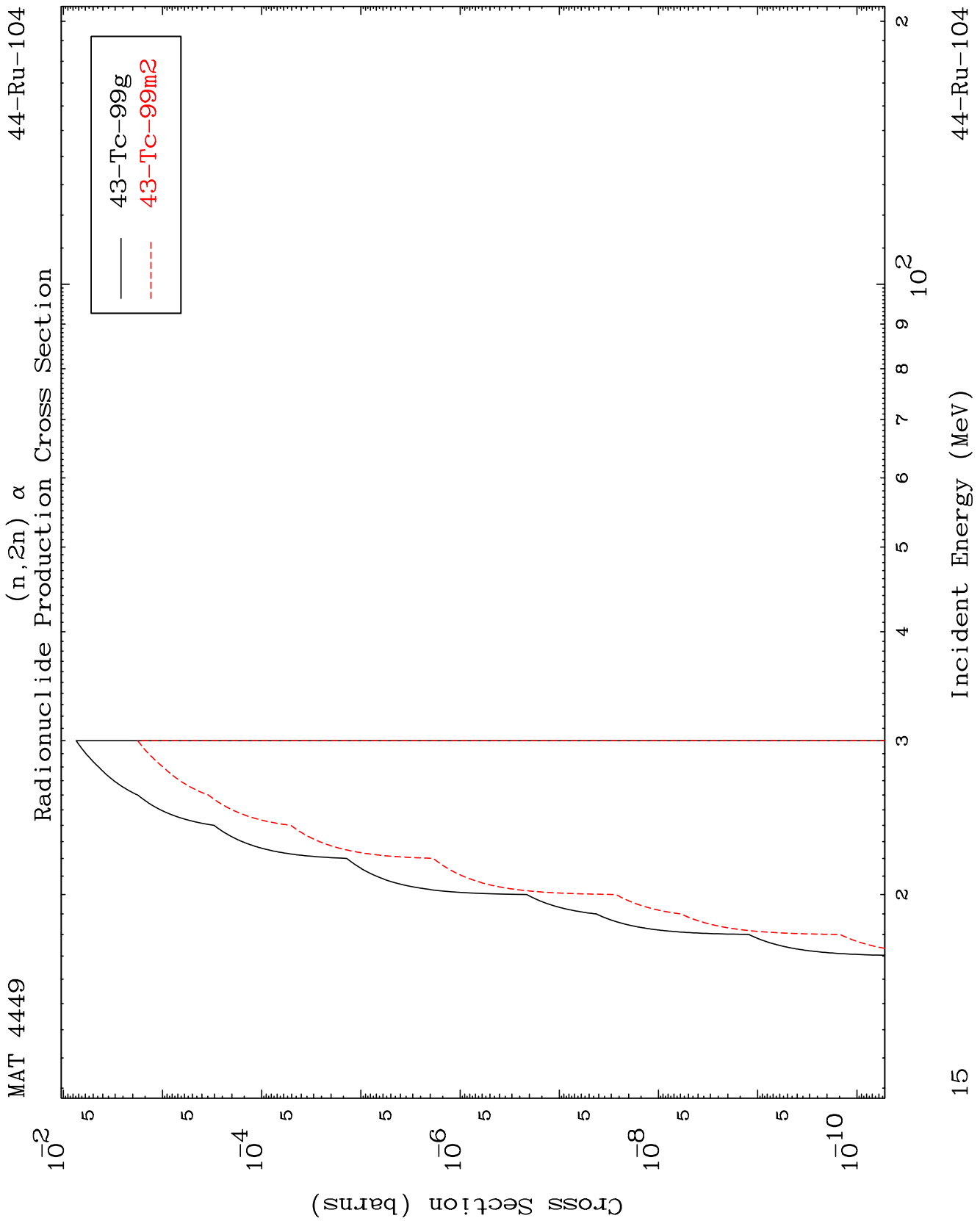
Radionuclide Production Cross Section



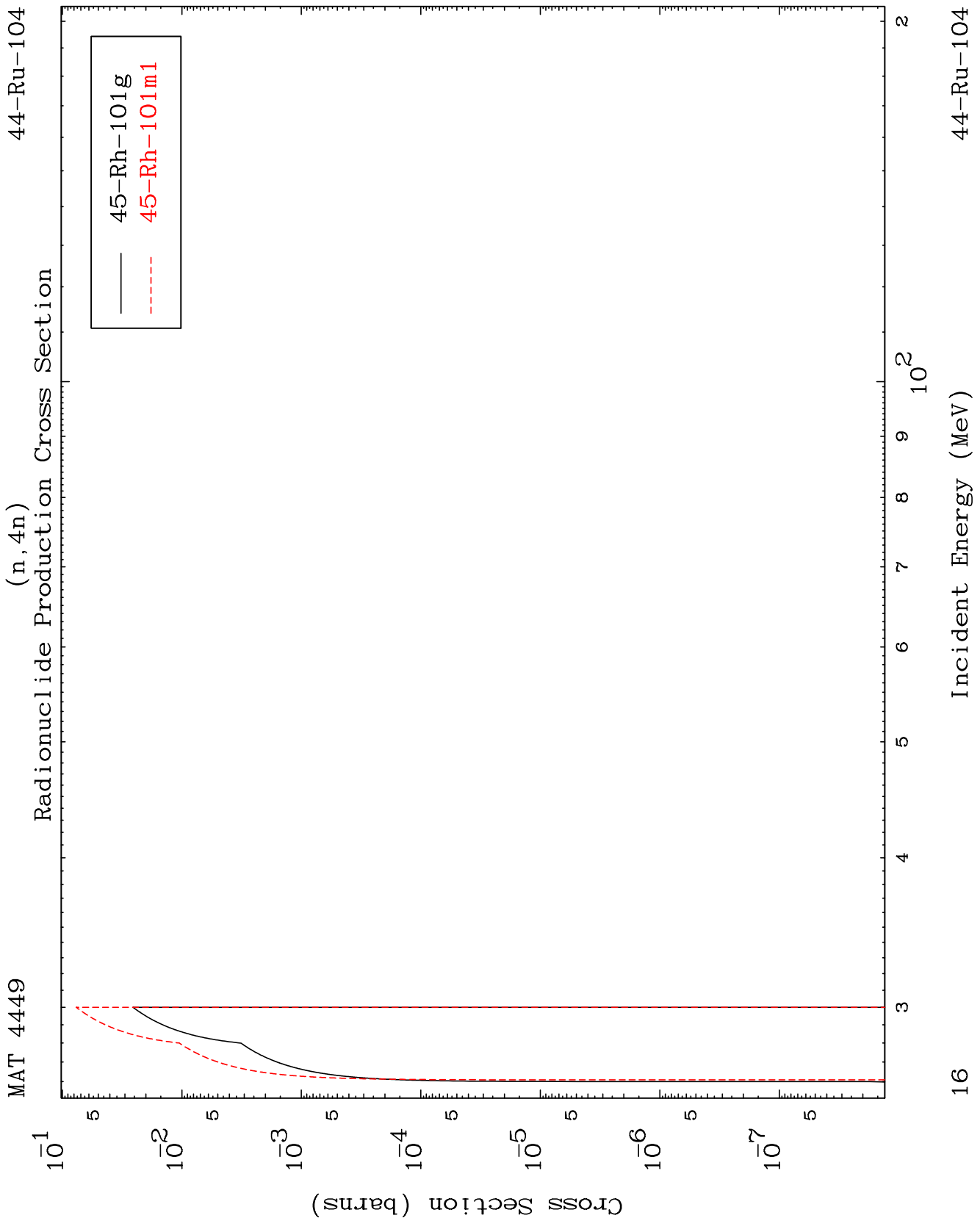
14

Incident Energy (MeV)

44-Ru-104





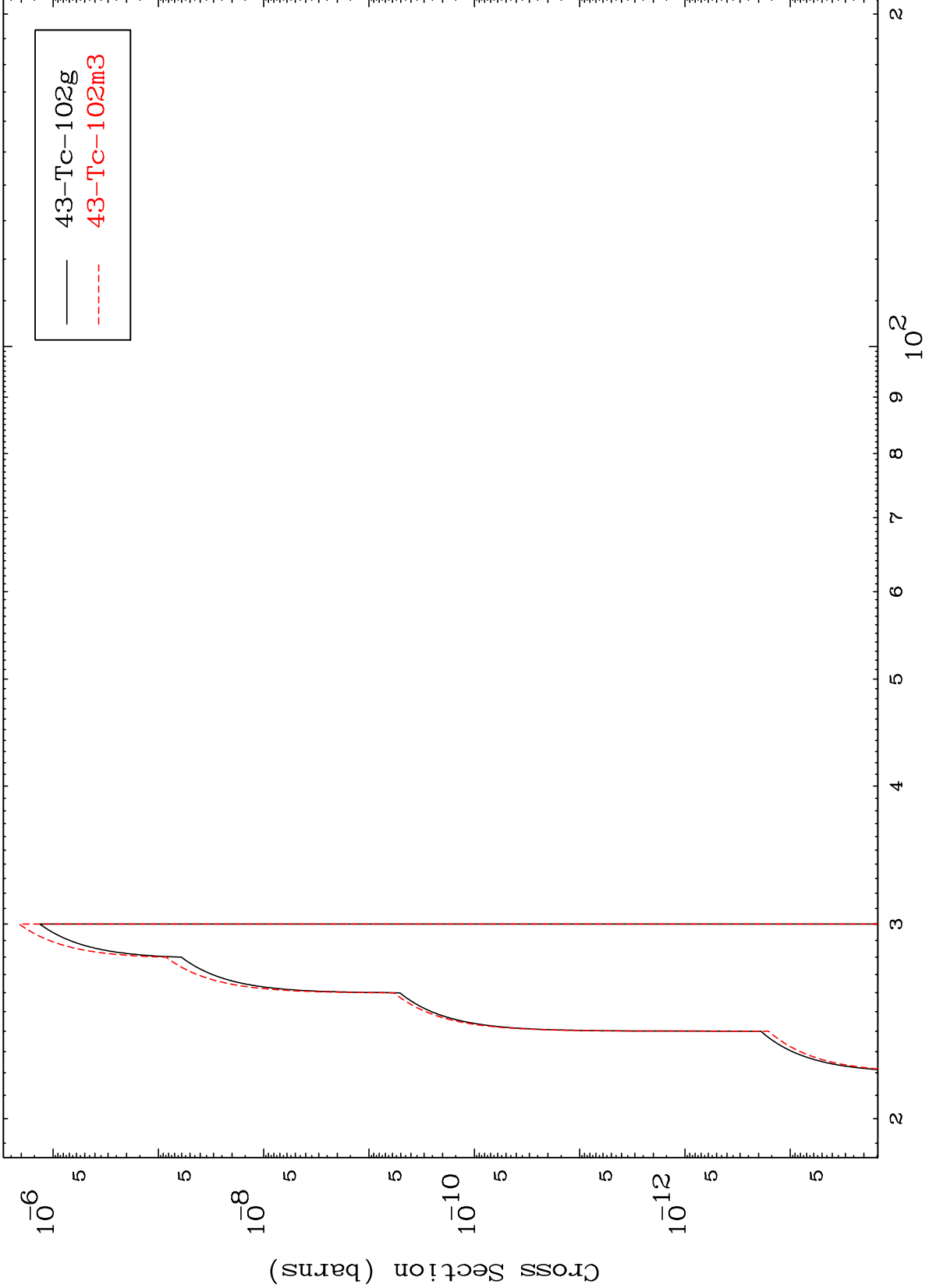


MAT 4449

(n,2n) p

44-Ru-104

Radionuclide Production Cross Section



17

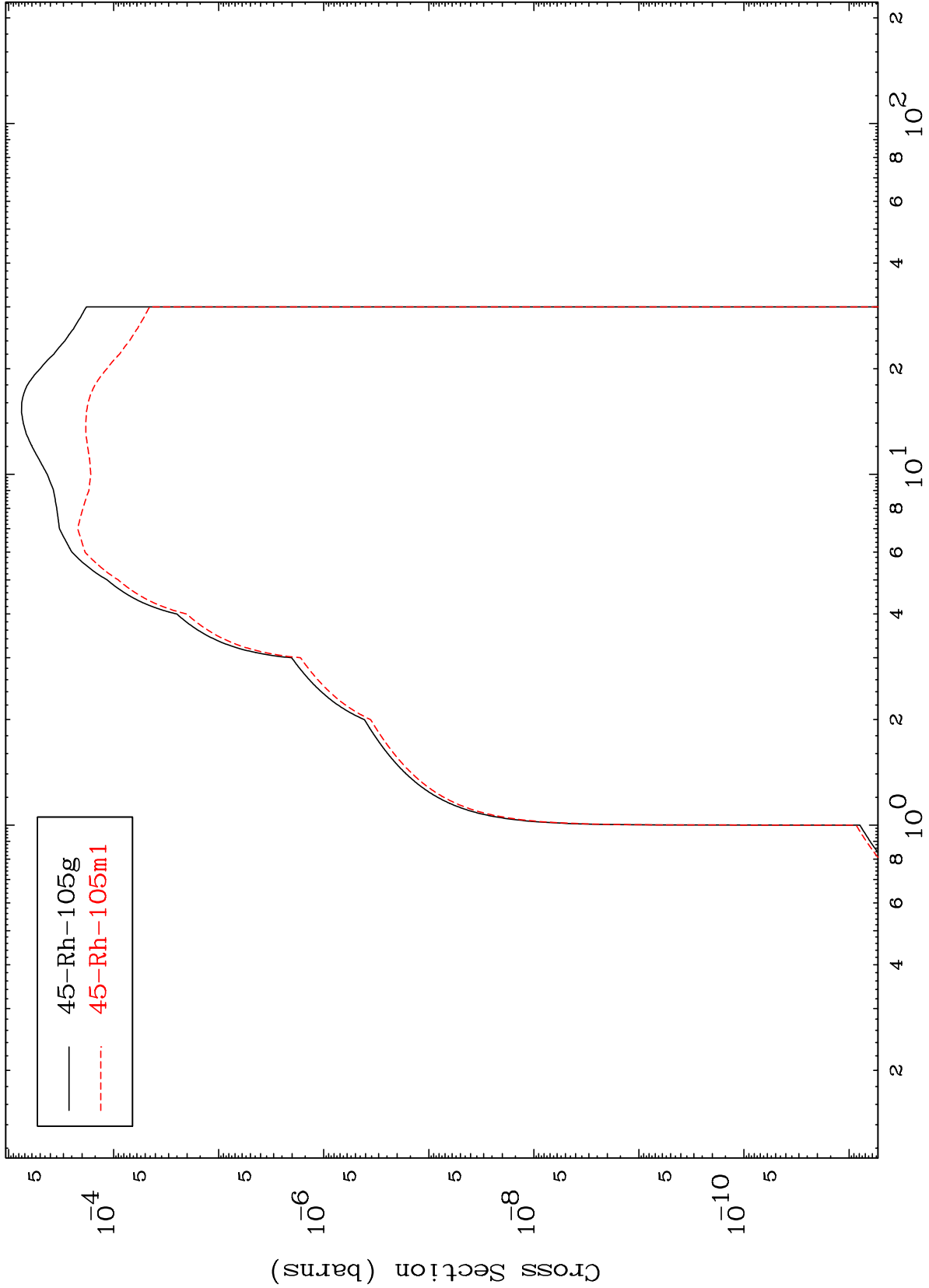
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

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



44-Ru-104

Incident Energy (MeV)

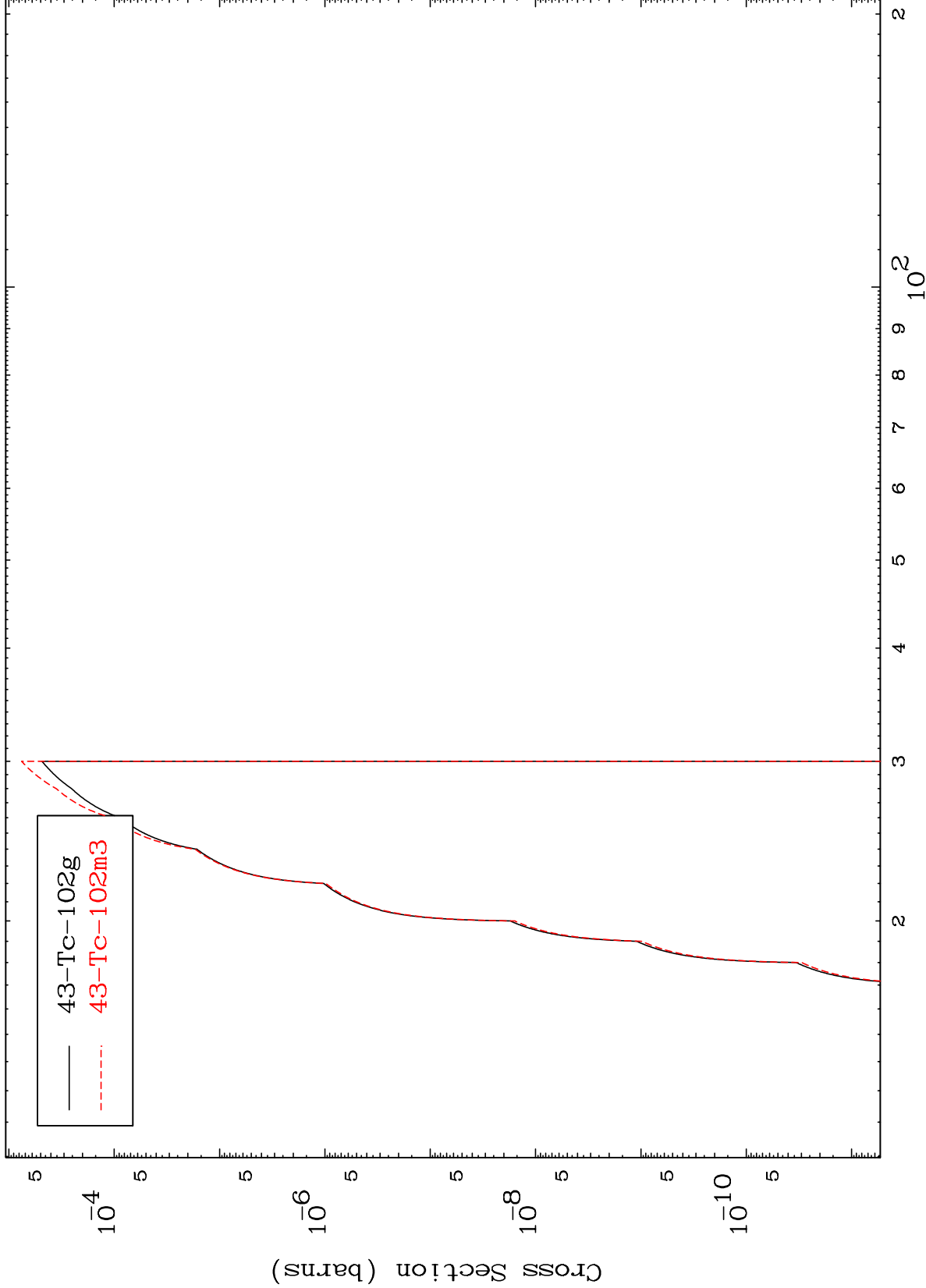
18

MAT 4449

(n,He-3)

44-Ru-104

Radionuclide Production Cross Section



19

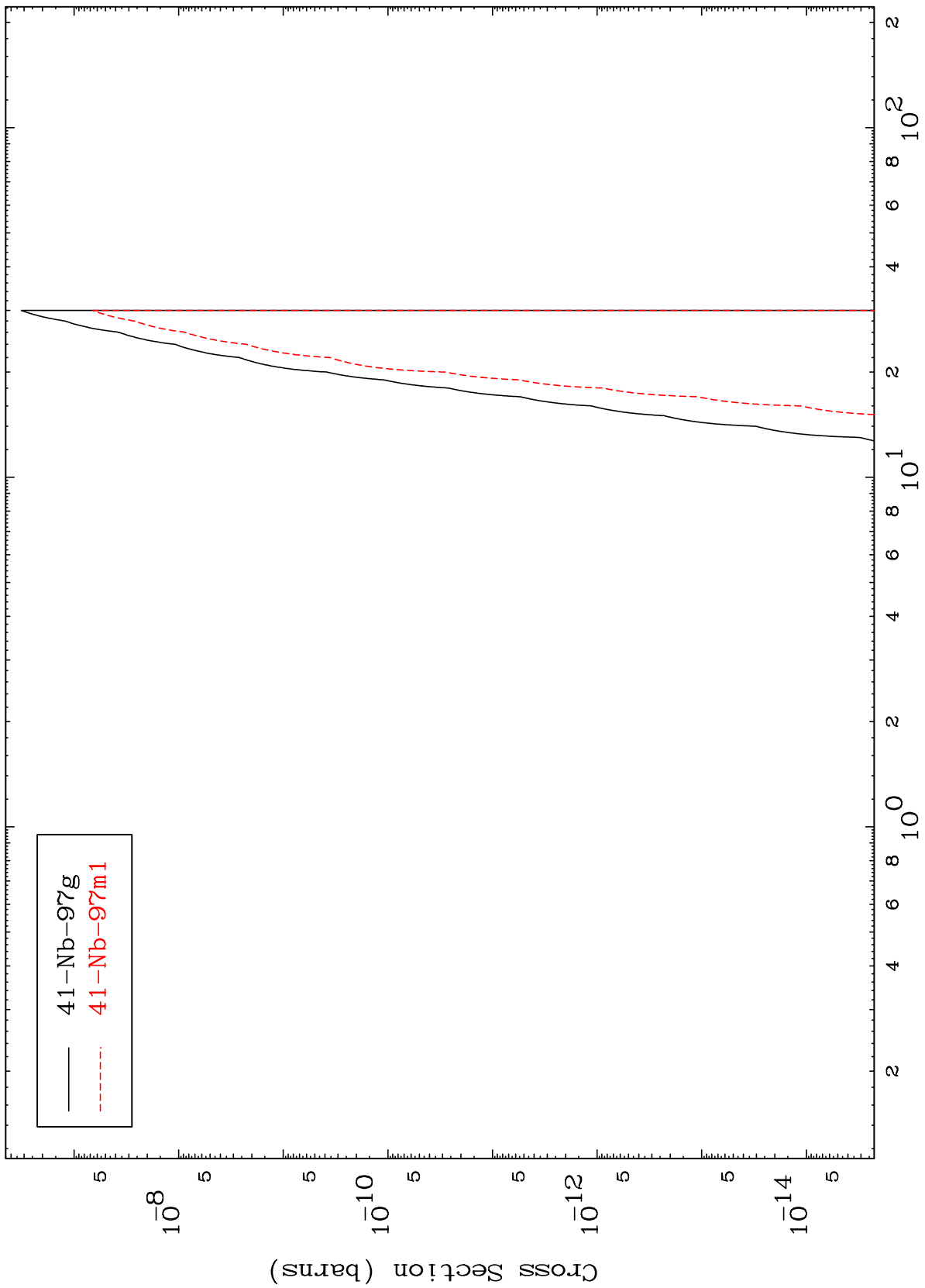
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

Radionuclide Production Cross Section



20

Incident Energy (MeV)

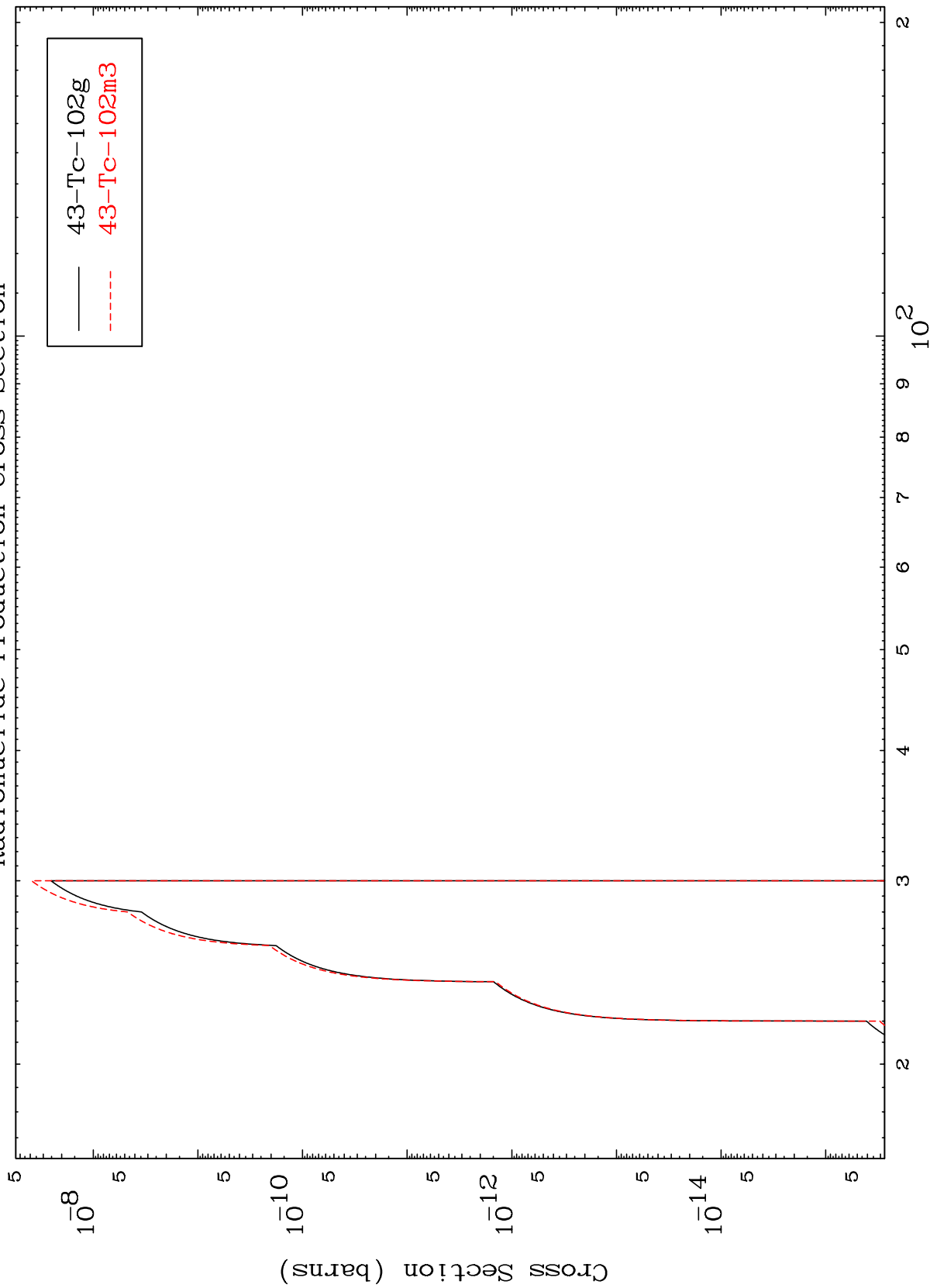
44-Ru-104

MAT 4449

(n,p) d

44-Ru-104

Radionuclide Production Cross Section



21

Incident Energy (MeV)

44-Ru-104