

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

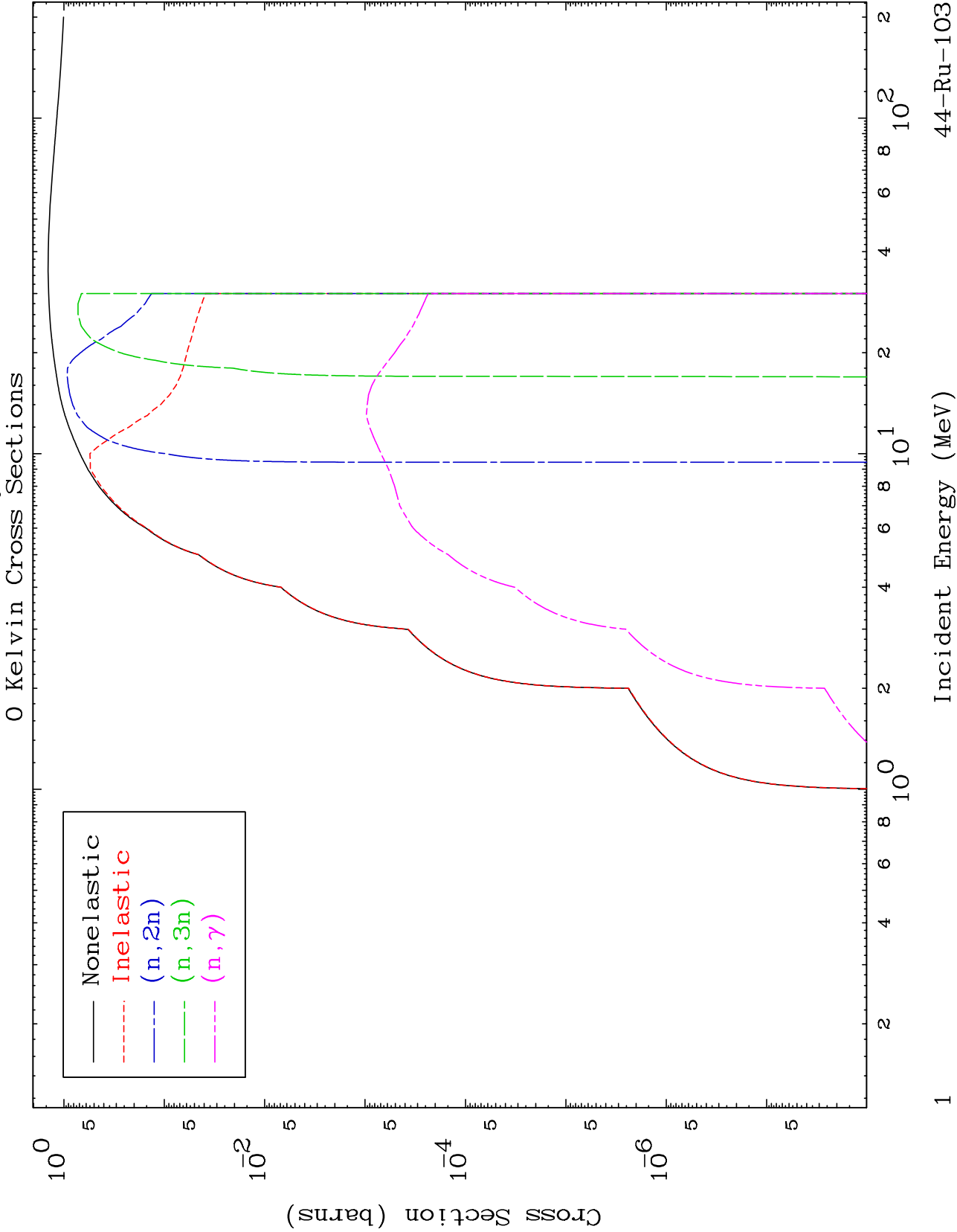
Web:redcullen1.net/HOMEPAGE.NEW

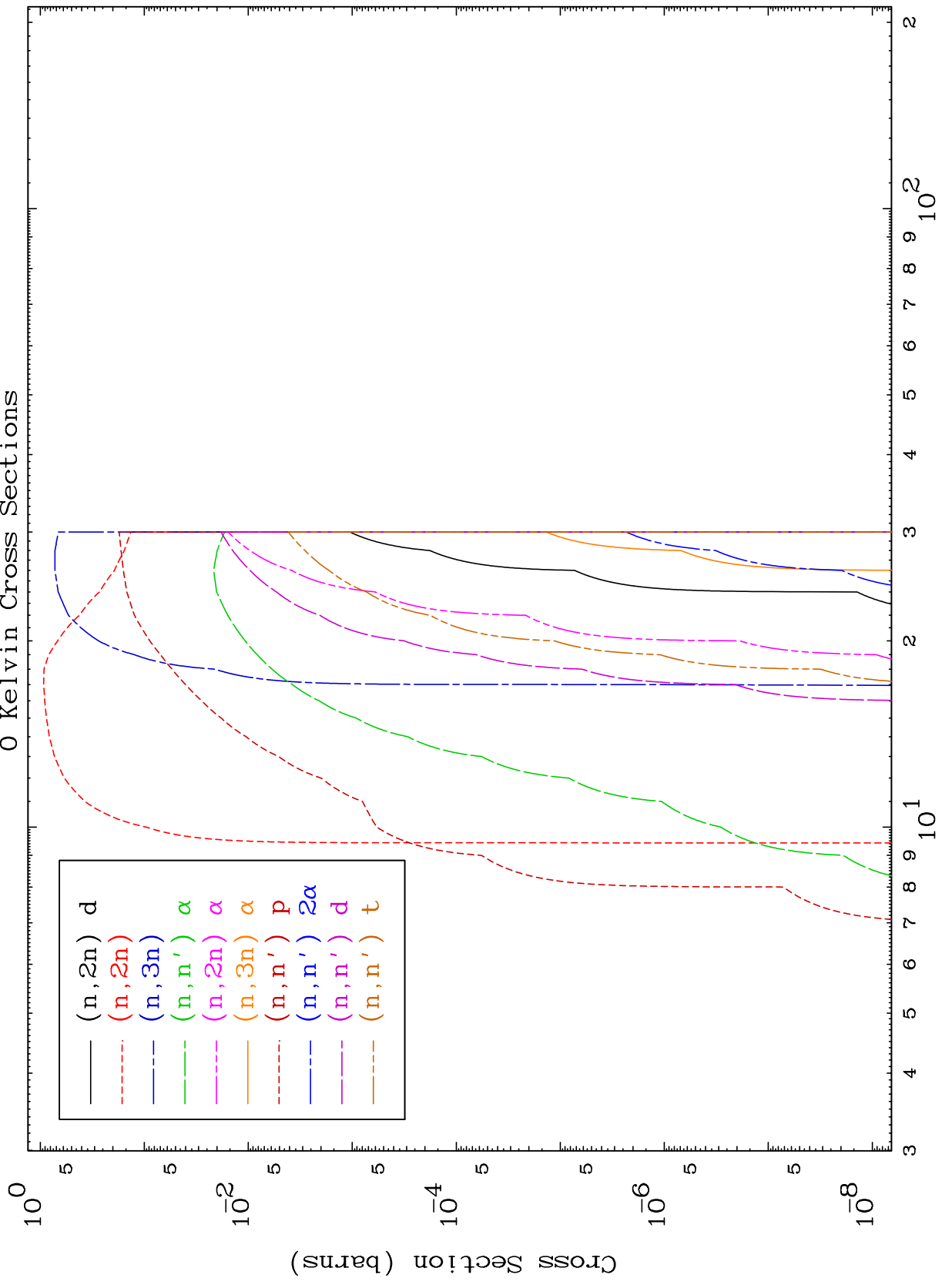
Press Mouse Button to Start

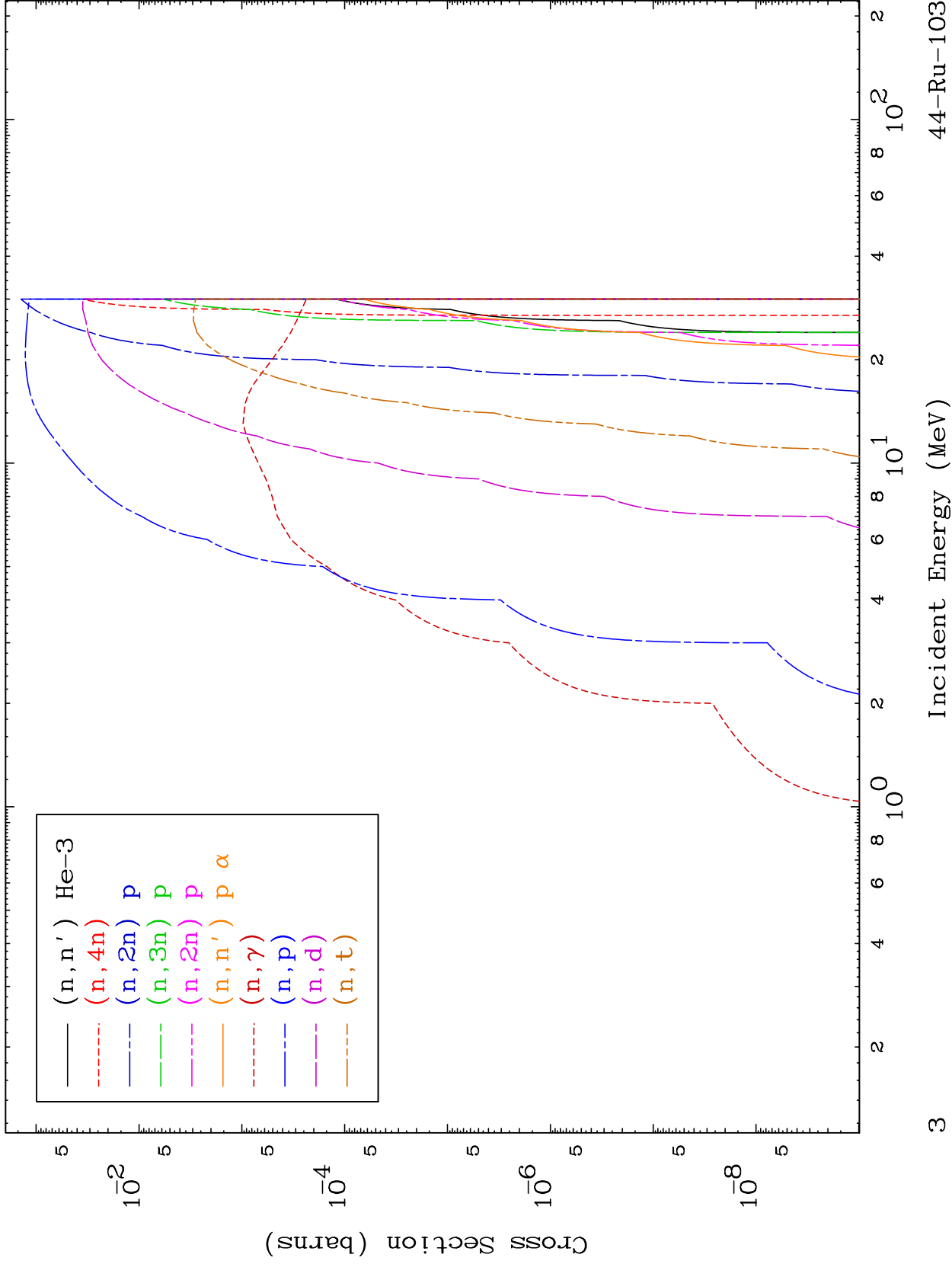
MAT 4446

Proton Major

44-Ru-103



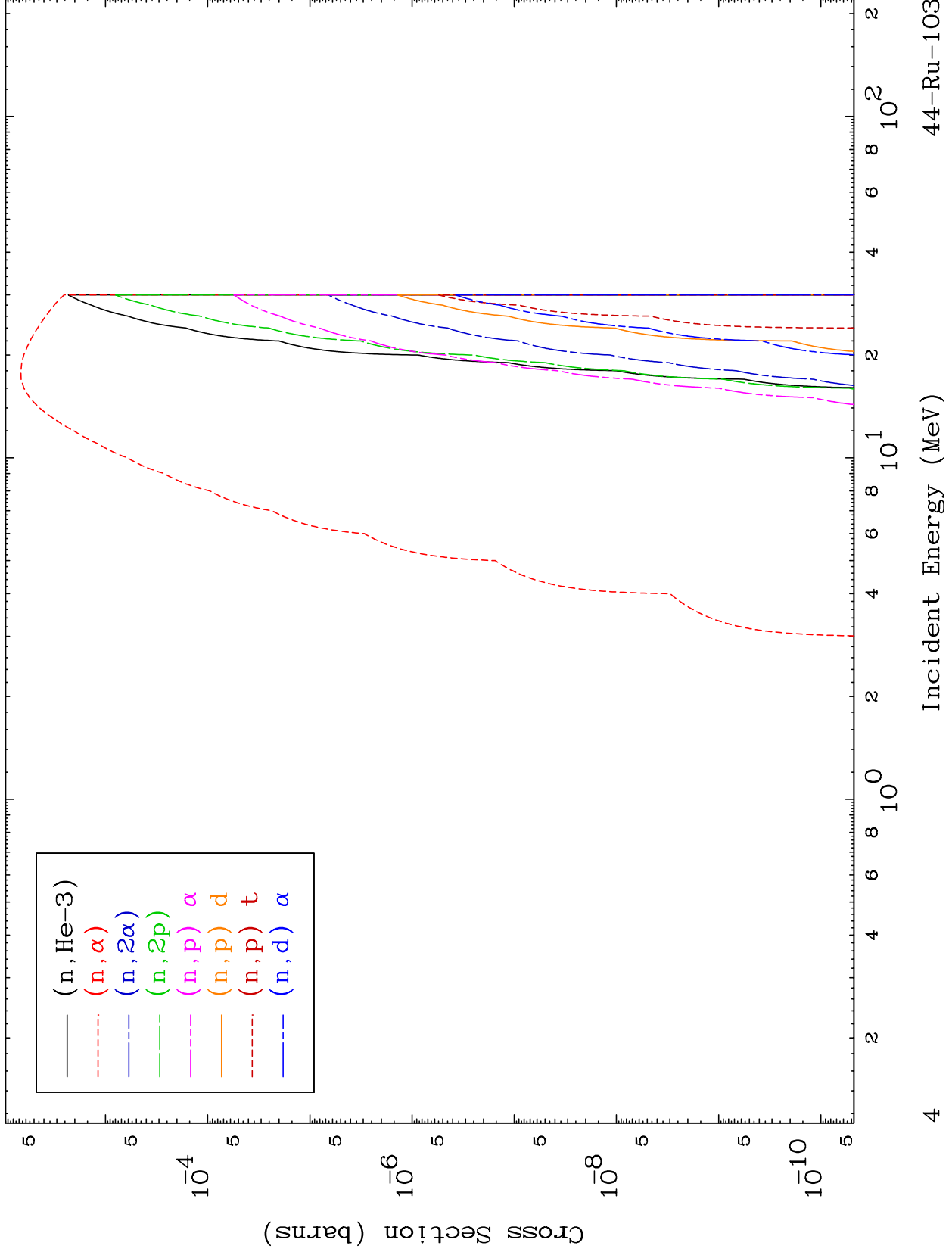


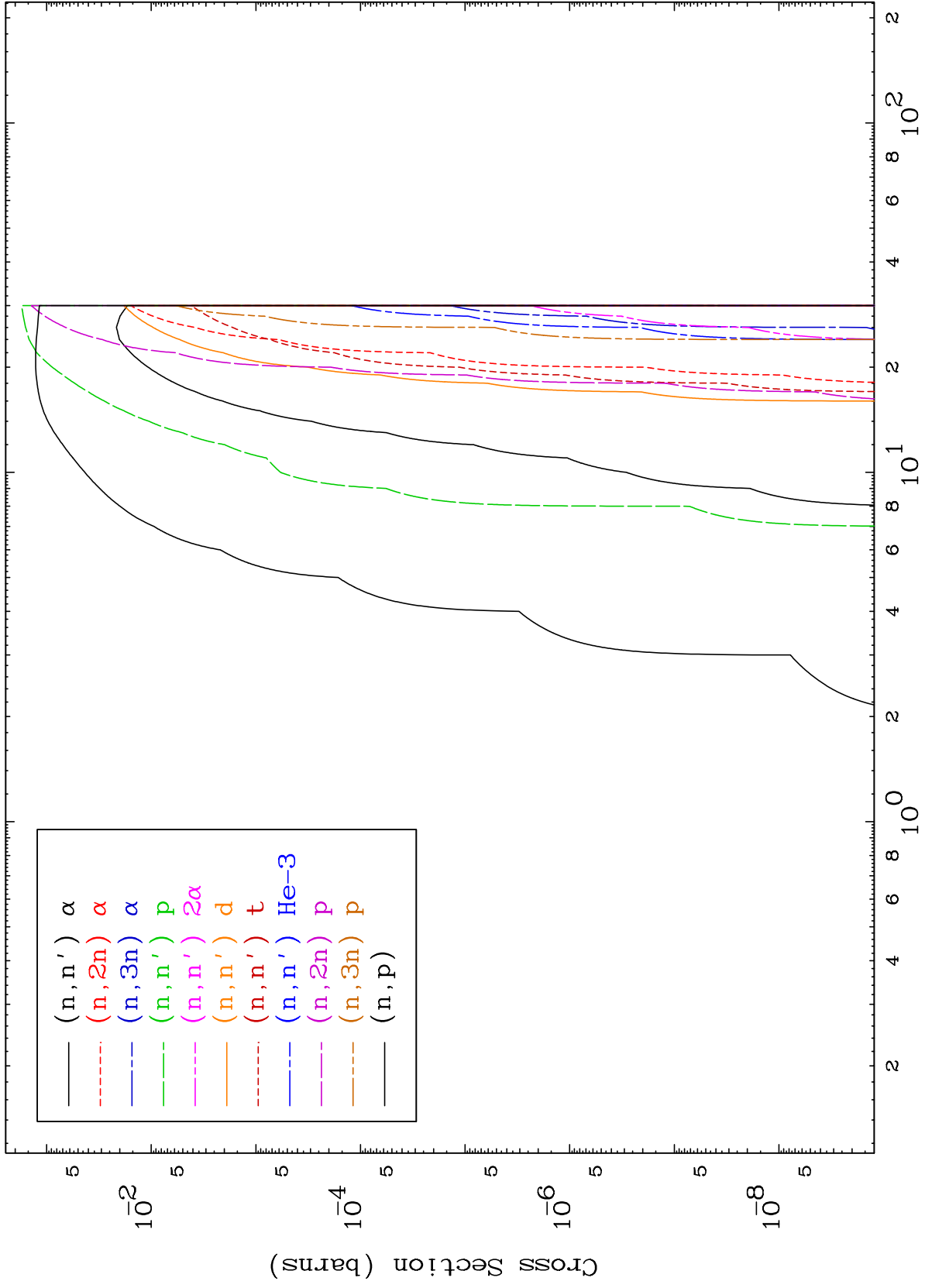


MAT 4446

Proton Neutron Absorption
0 Kelvin Cross Sections

44-Ru-103

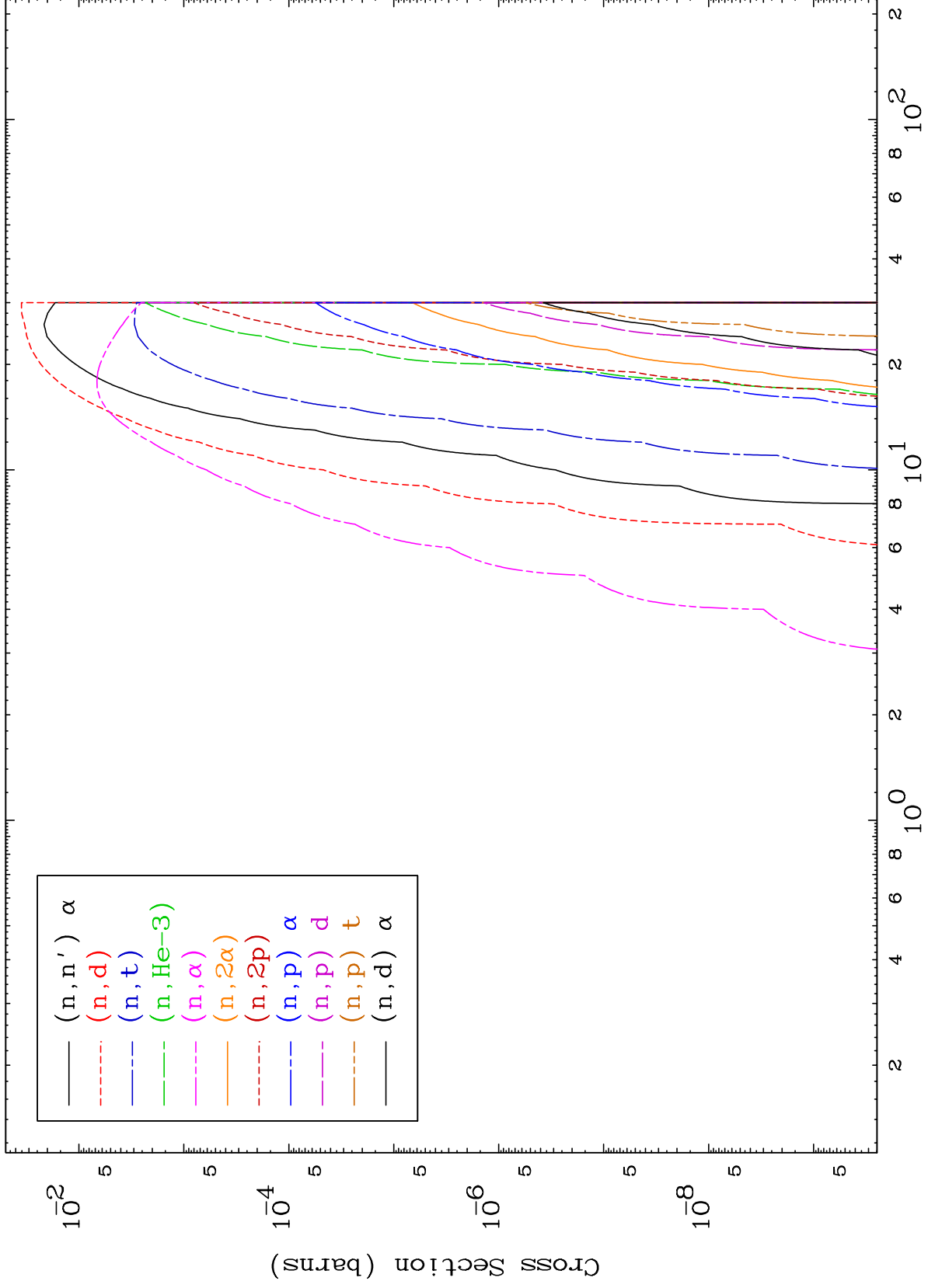




MAT 4446

Proton Charged Particle
0 Kelvin Cross Sections

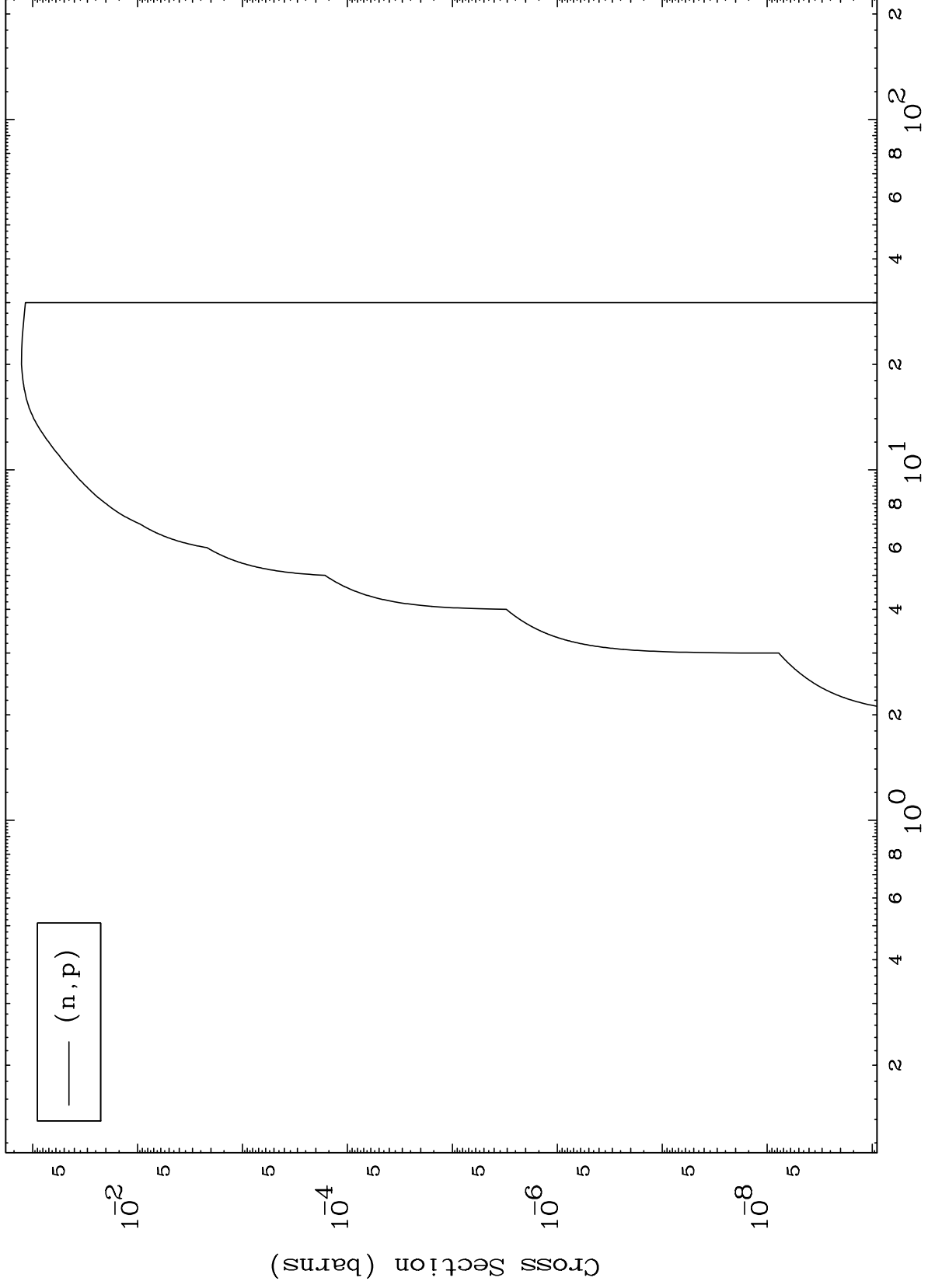
44-Ru-103



MAT 4446

(p,p) Levels
0 Kelvin Cross Sections

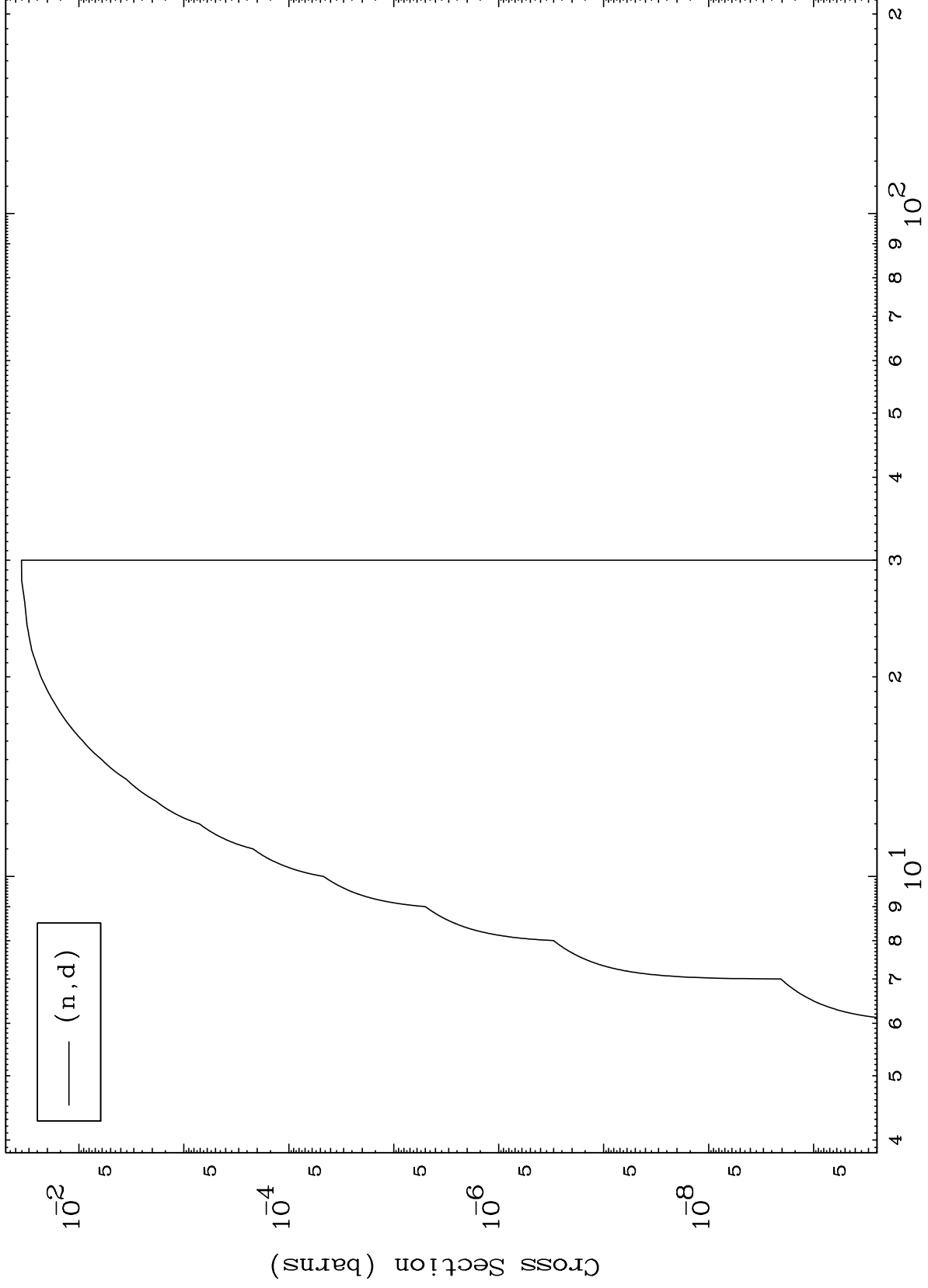
44-Ru-103



MAT 4446

(p,d) Levels
0 Kelvin Cross Sections

44-Ru-103



8

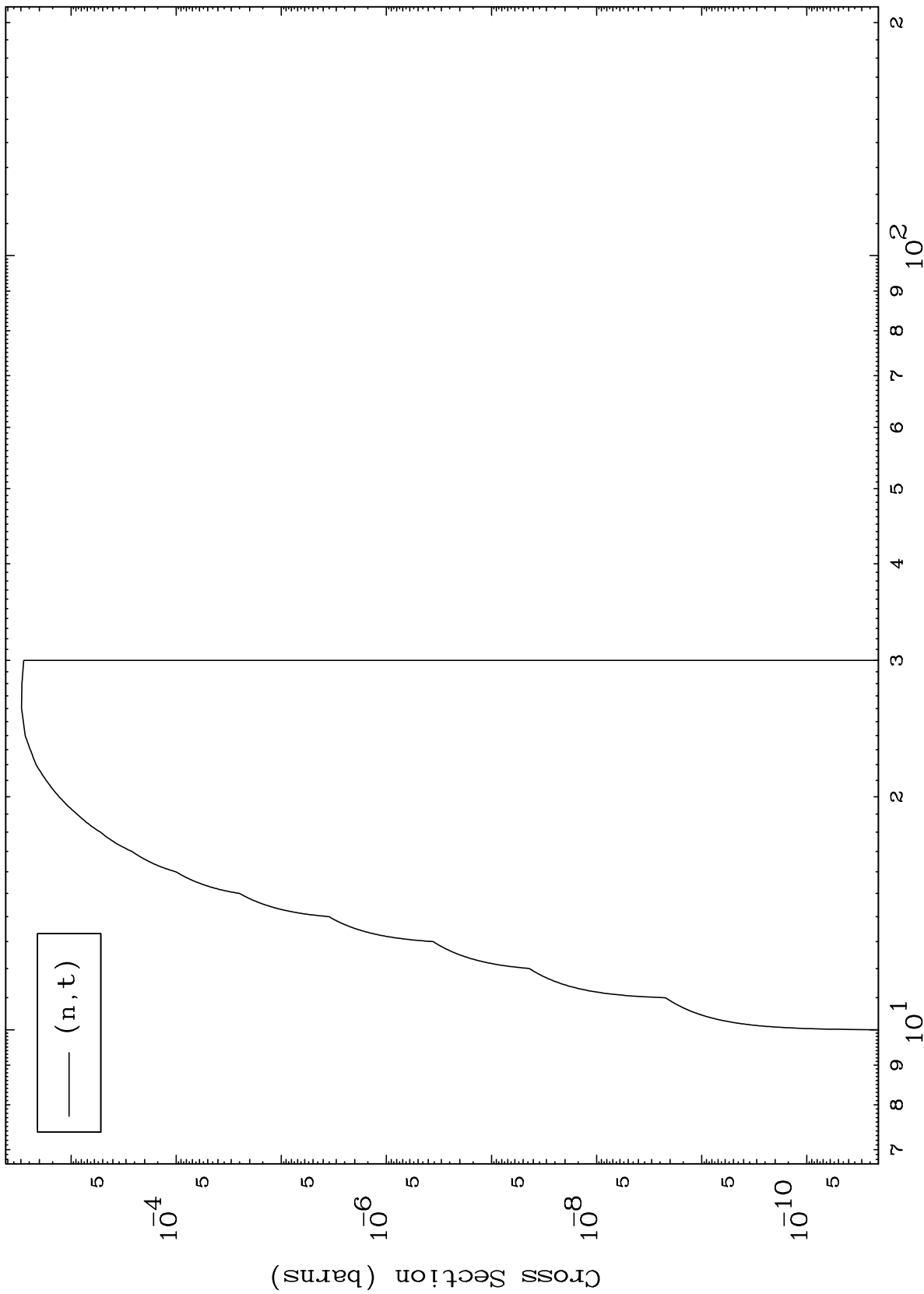
Incident Energy (MeV)

44-Ru-103

MAT 4446

(p,t) Levels
0 Kelvin Cross Sections

44-Ru-103



9

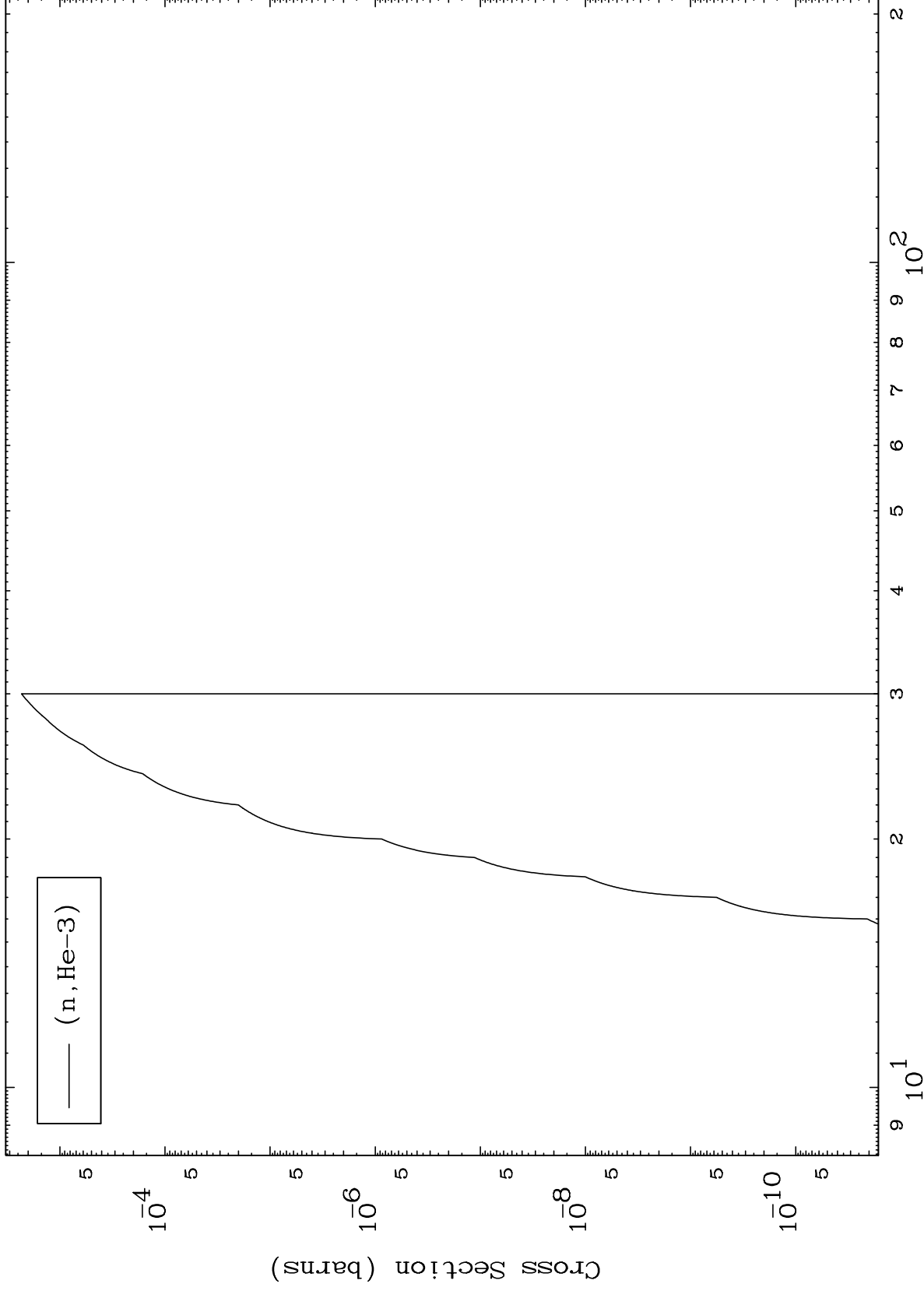
Incident Energy (MeV)

44-Ru-103

MAT 4446

(p,He3) Levels
0 Kelvin Cross Sections

44-Ru-103



10

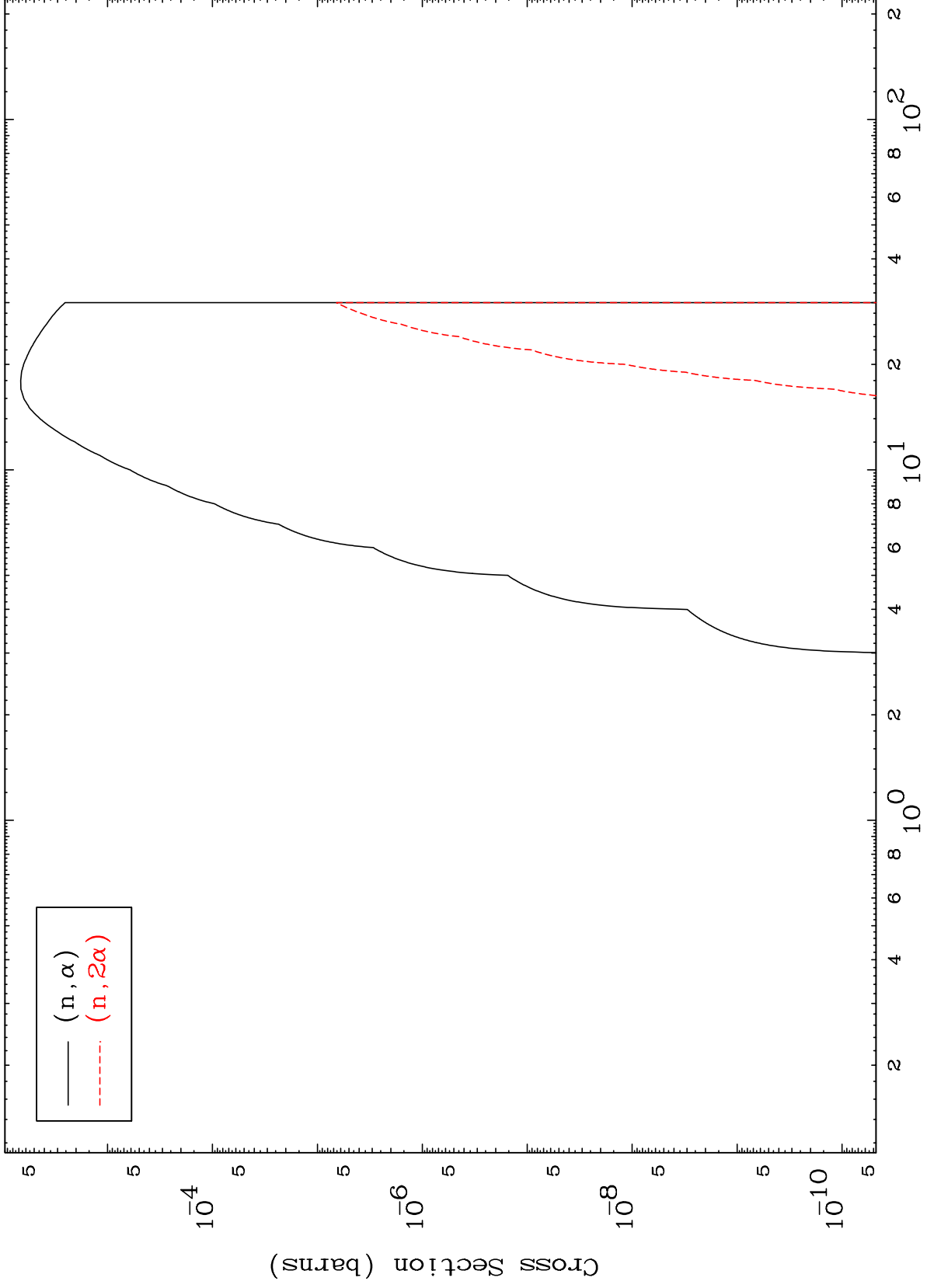
Incident Energy (MeV)

44-Ru-103

MAT 4446

(p, α) Levels
0 Kelvin Cross Sections

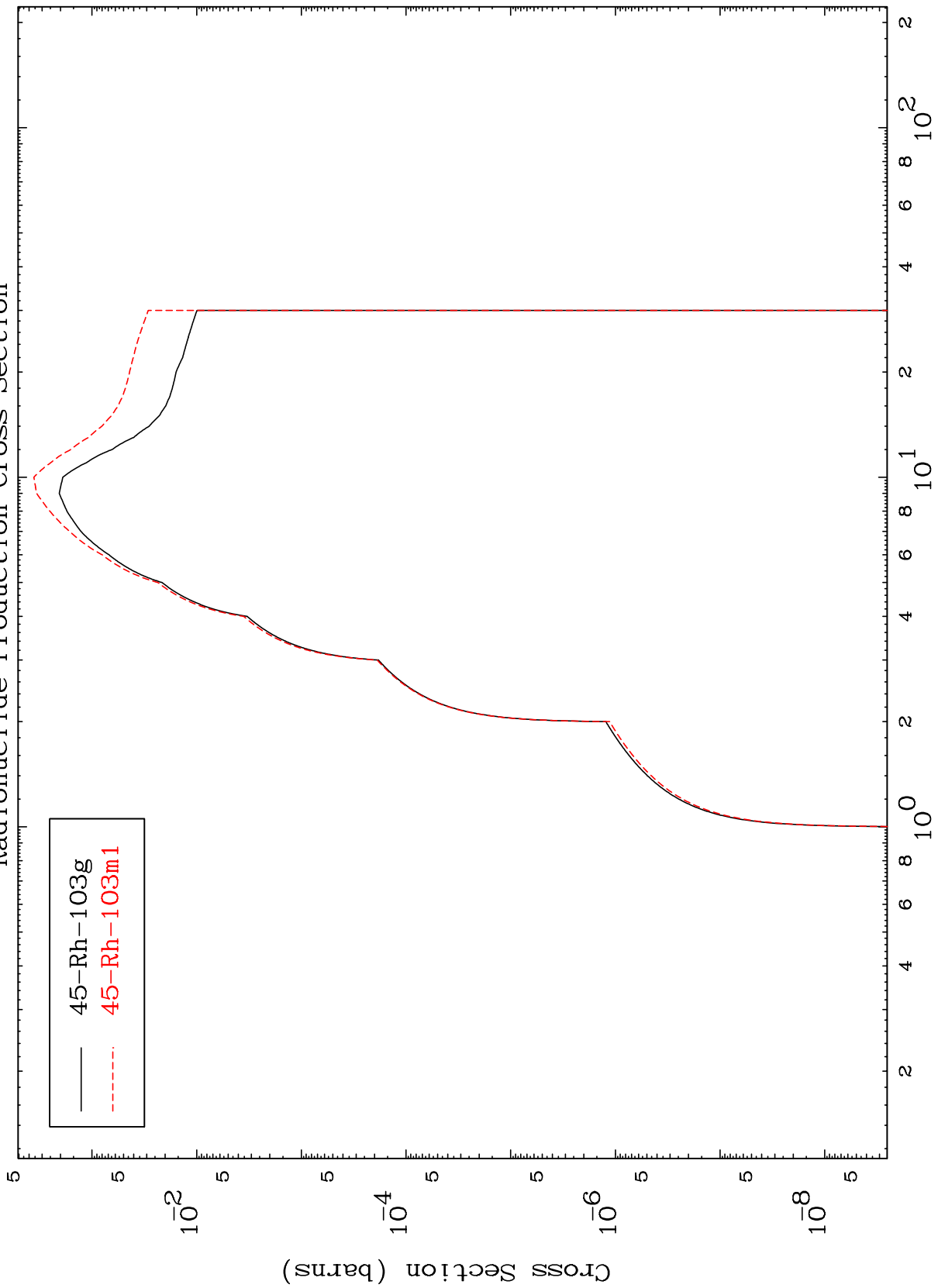
44-Ru-103



MAT 4446

44-Ru-103

Inelastic
Radionuclide Production Cross Section



44-Ru-103

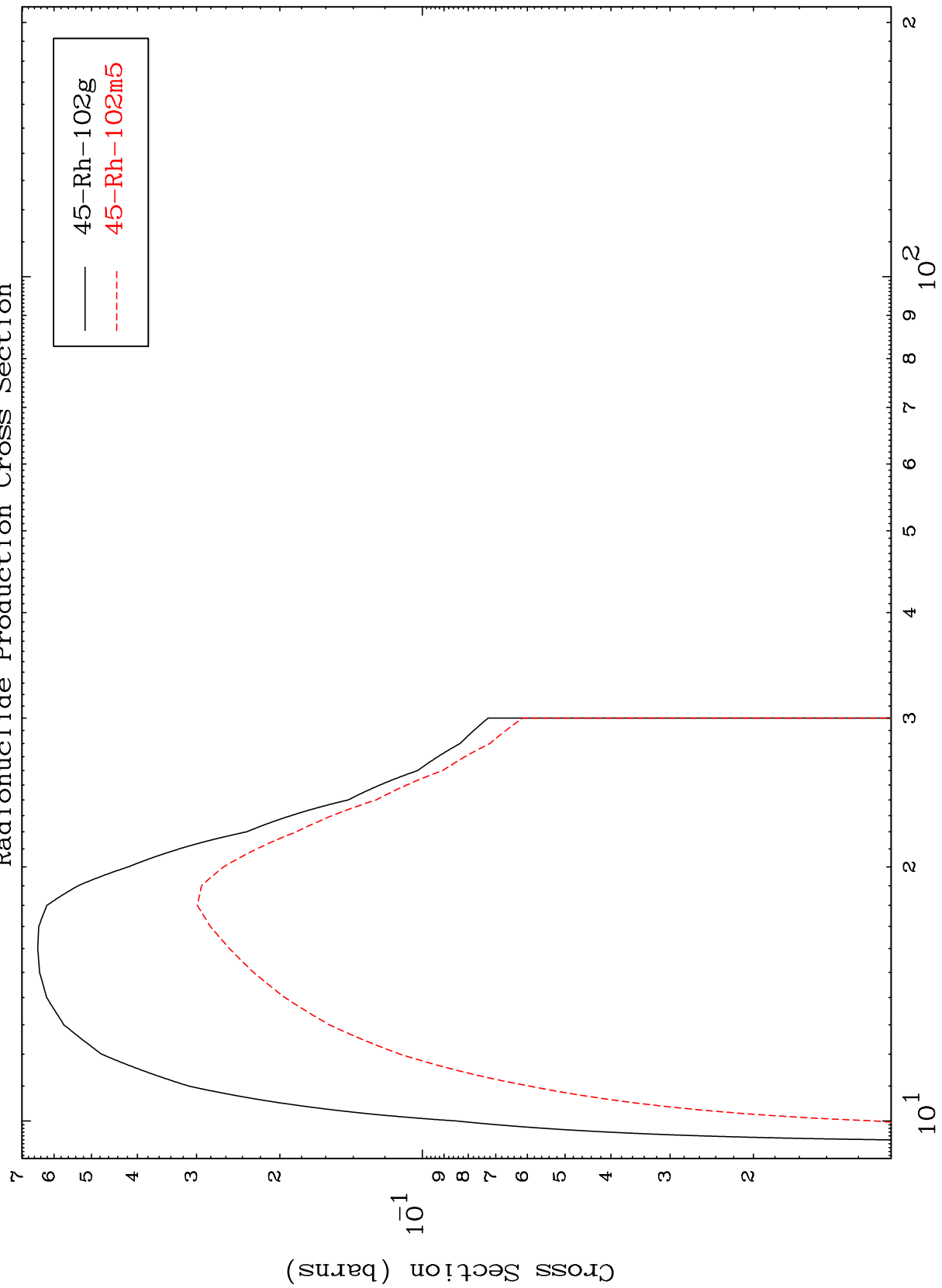
Incident Energy (MeV)

12

MAT 4446

44-Ru-103

(n,2n)
Radionuclide Production Cross Section



44-Ru-103

Incident Energy (MeV)

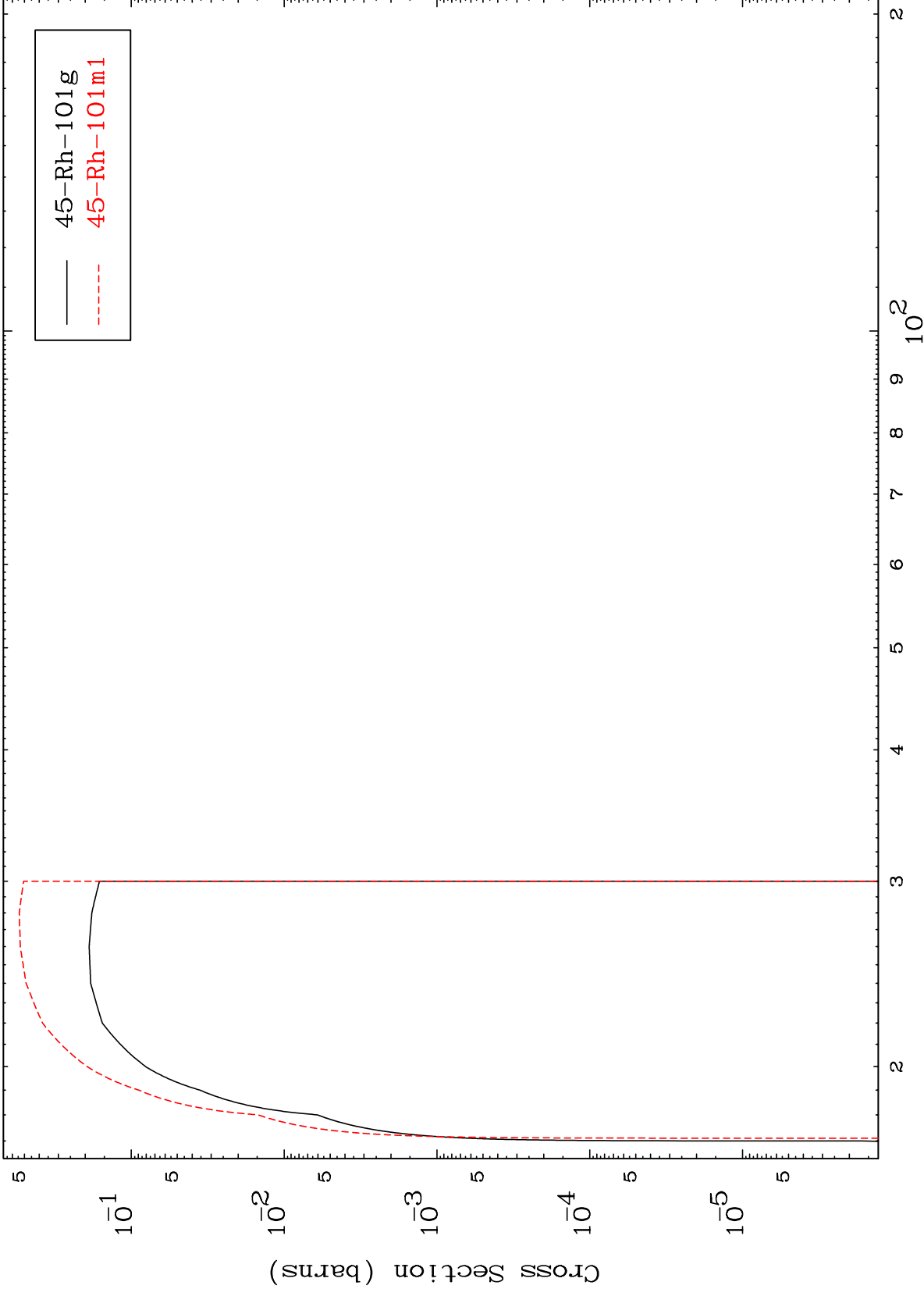
13

MAT 4446

(n,3n)

44-Ru-103

Radionuclide Production Cross Section



14

Incident Energy (MeV)

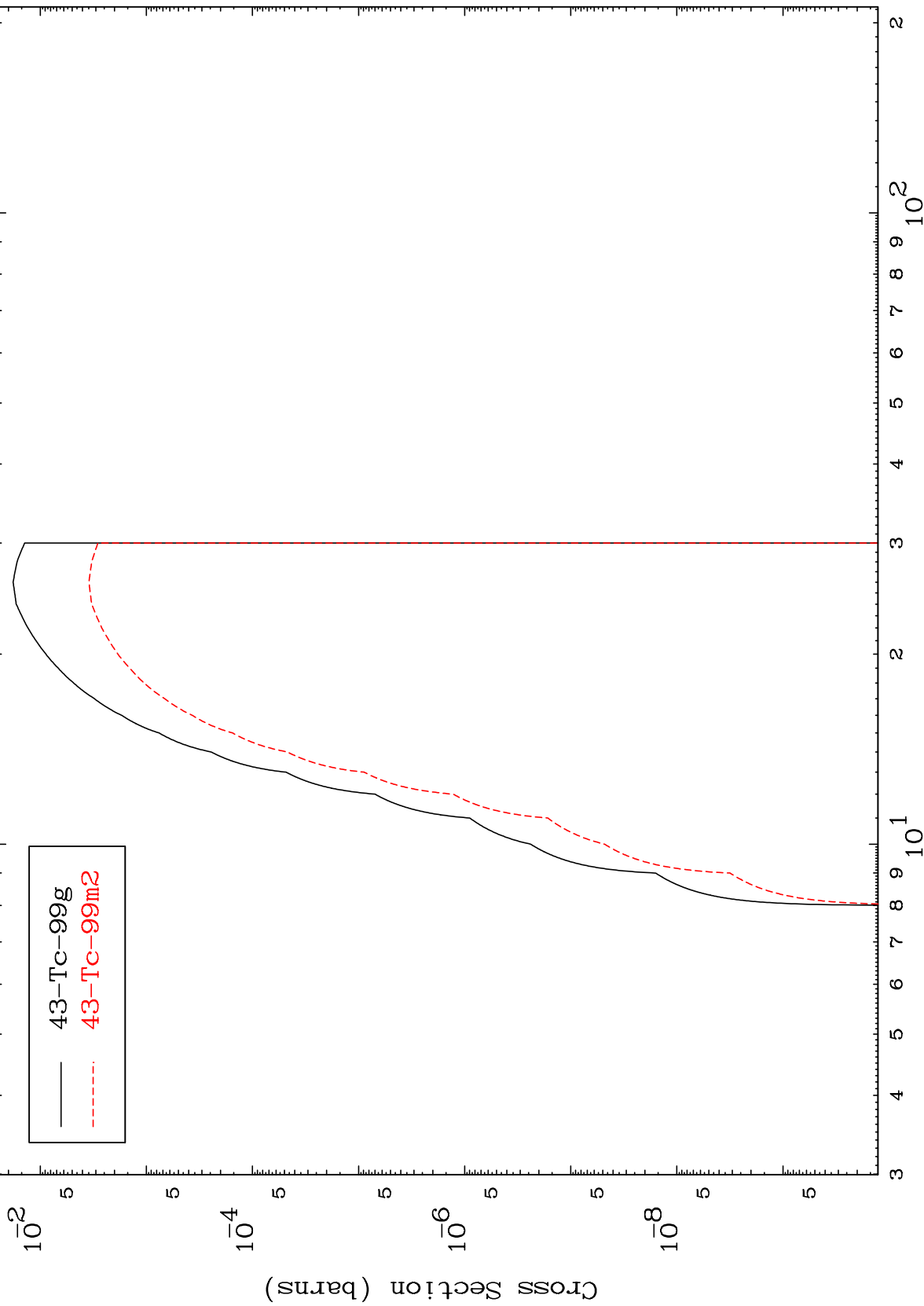
44-Ru-103

MAT 4446

(n,n') α

44-Ru-103

Radionuclide Production Cross Section



15

Incident Energy (MeV)

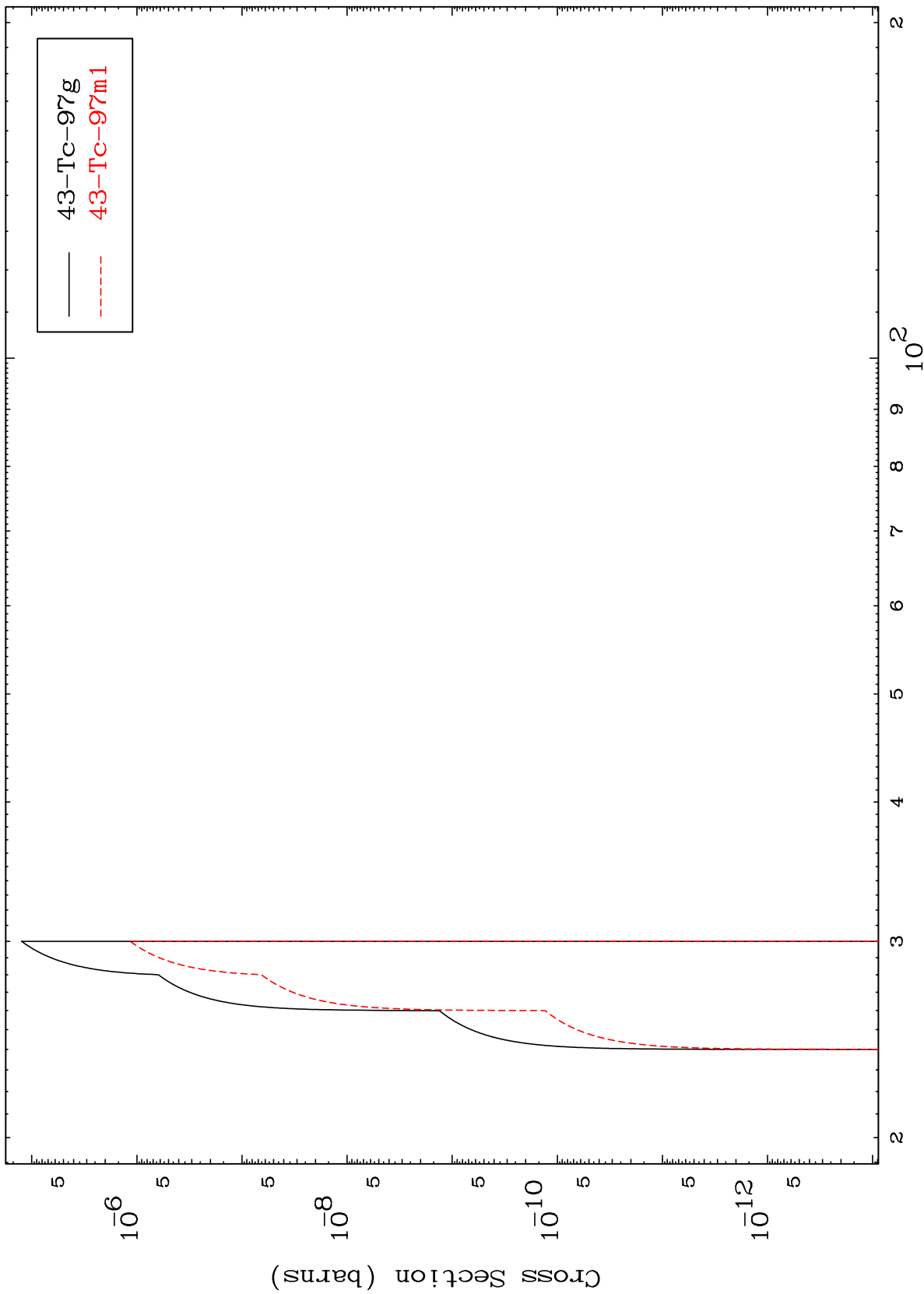
44-Ru-103

MAT 4446

(n,3n) α

44-Ru-103

Radionuclide Production Cross Section



16

Incident Energy (MeV)

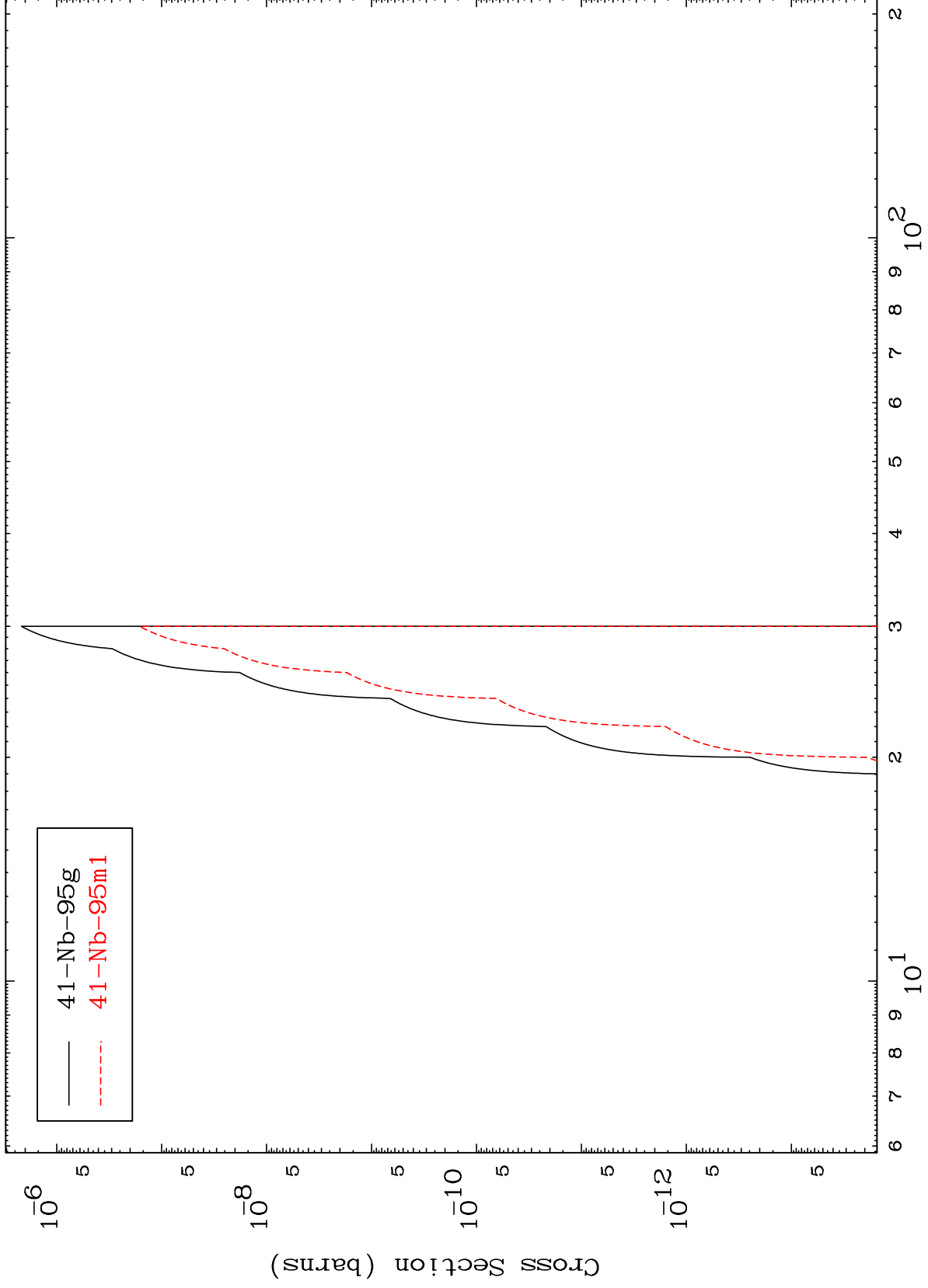
44-Ru-103

MAT 4446

(n,n') 2α

44-Ru-103

Radionuclide Production Cross Section



— 41-Nb-95g
- - - 41-Nb-95m1

17

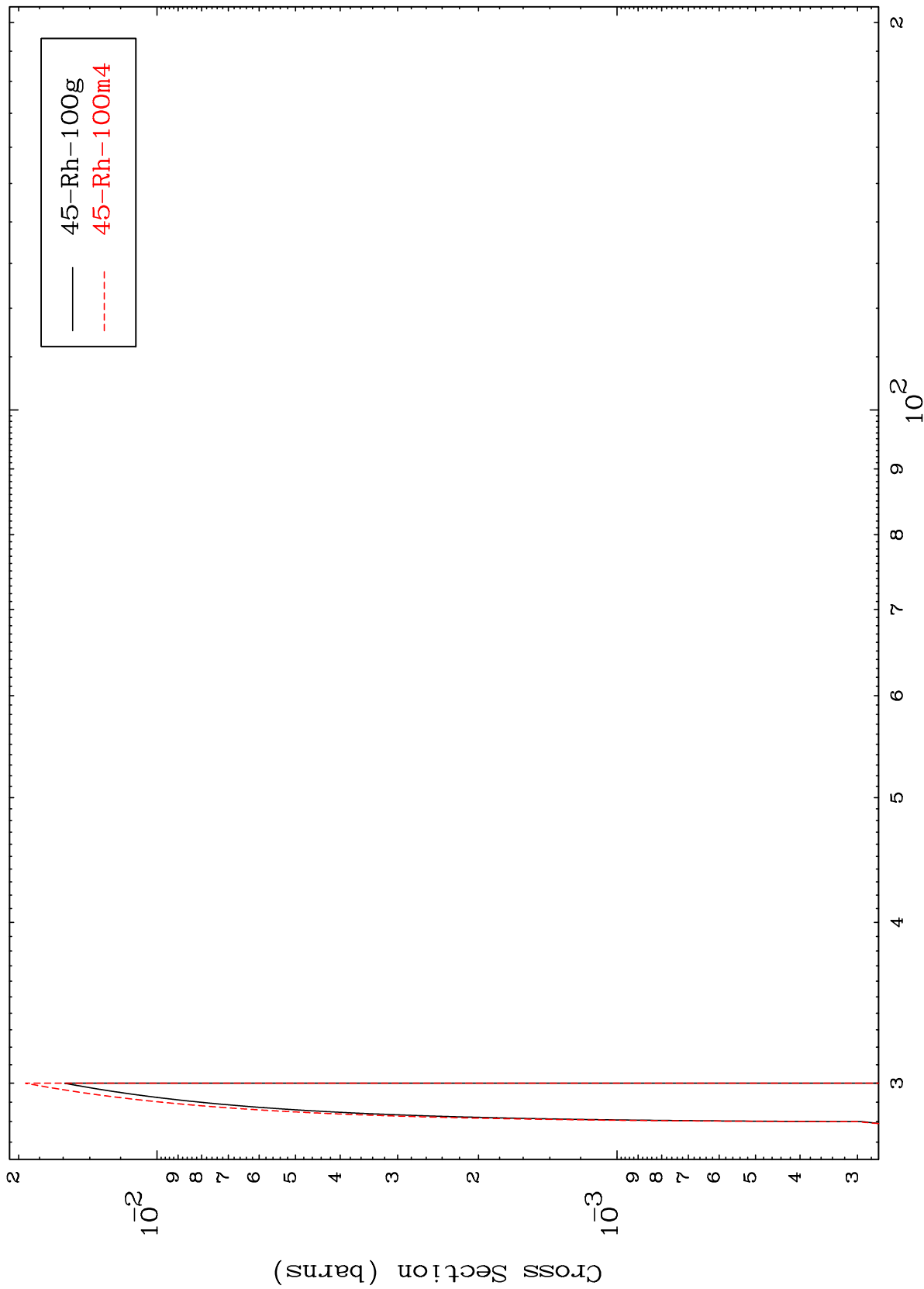
Incident Energy (MeV)

44-Ru-103

MAT 4446

44-Ru-103

(n,4n)
Radionuclide Production Cross Section



18

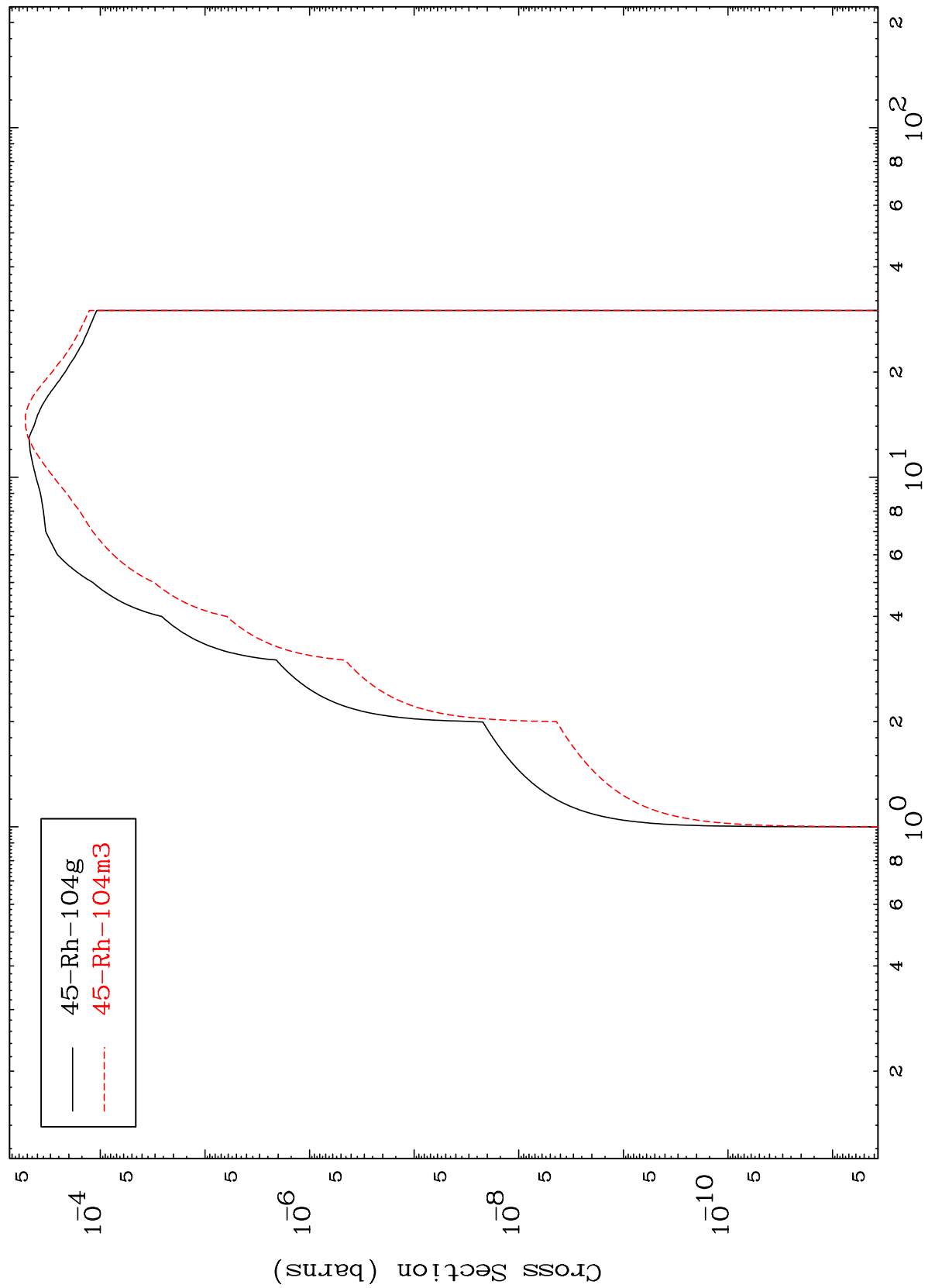
44-Ru-103

Incident Energy (MeV)

MAT 4446

44-Ru-103

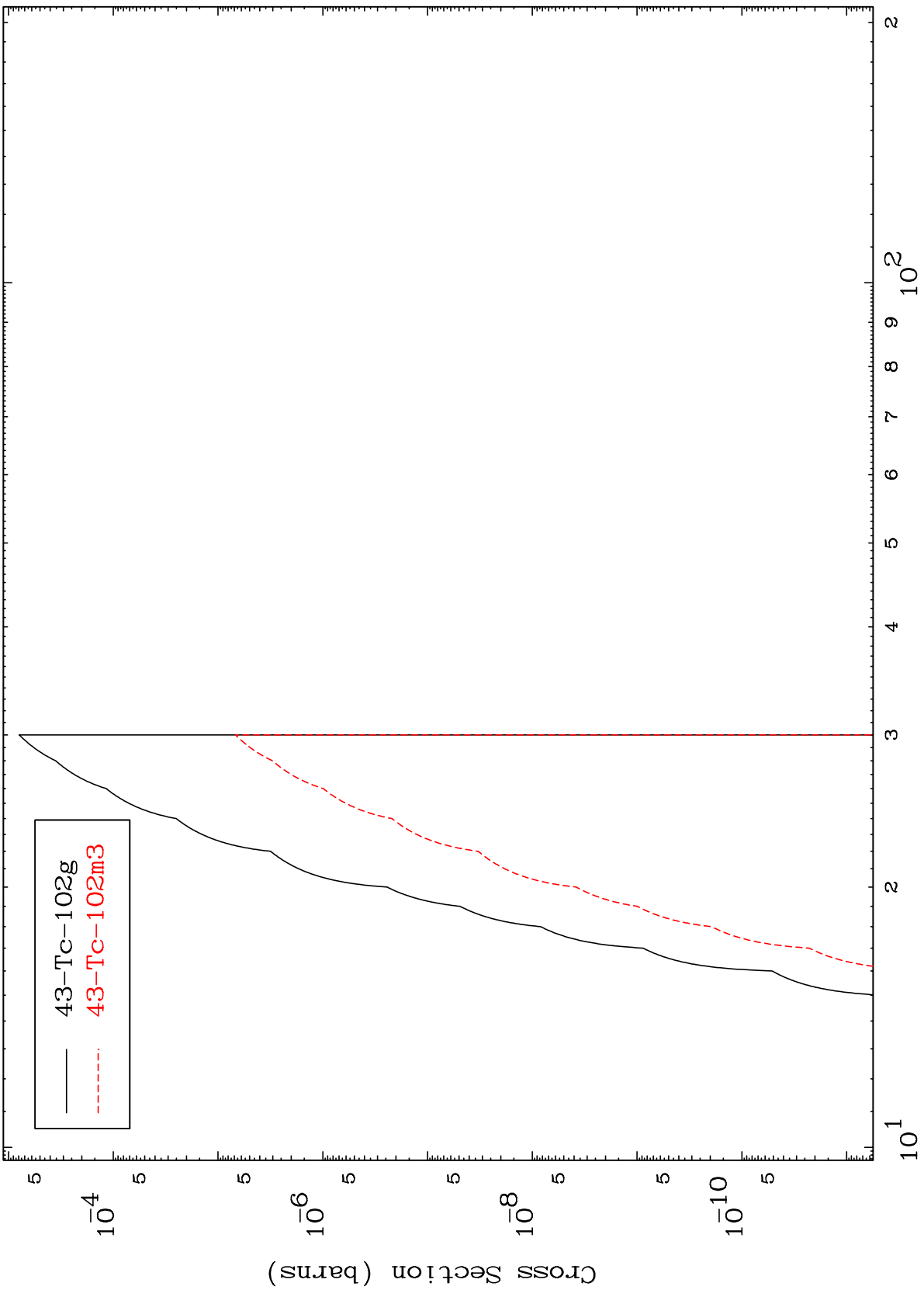
(n, γ)
Radionuclide Production Cross Section



MAT 4446

44-Ru-103

(n,2p)
Radionuclide Production Cross Section



44-Ru-103

Incident Energy (MeV)

20