

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

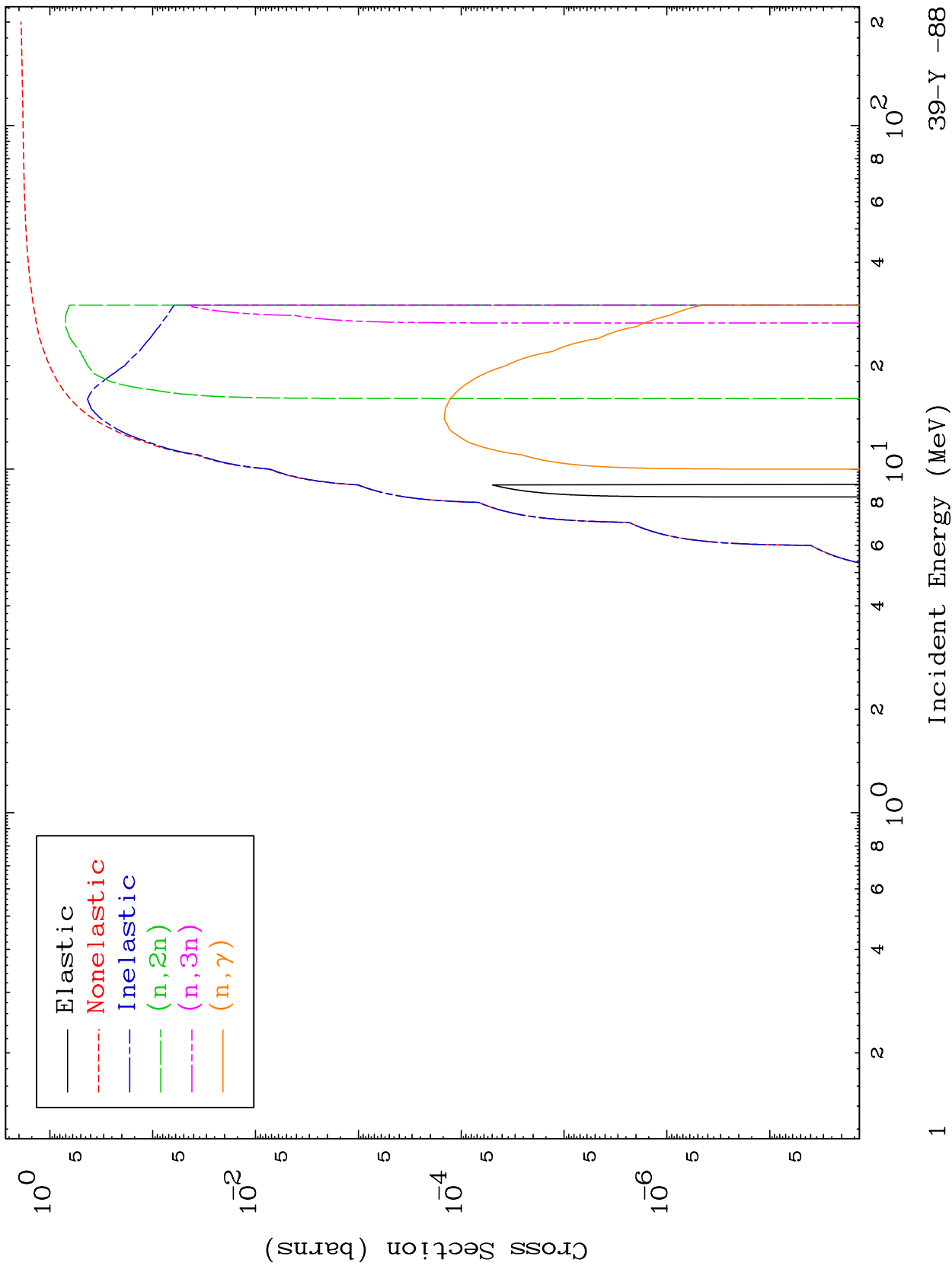
Press Mouse Button to Start

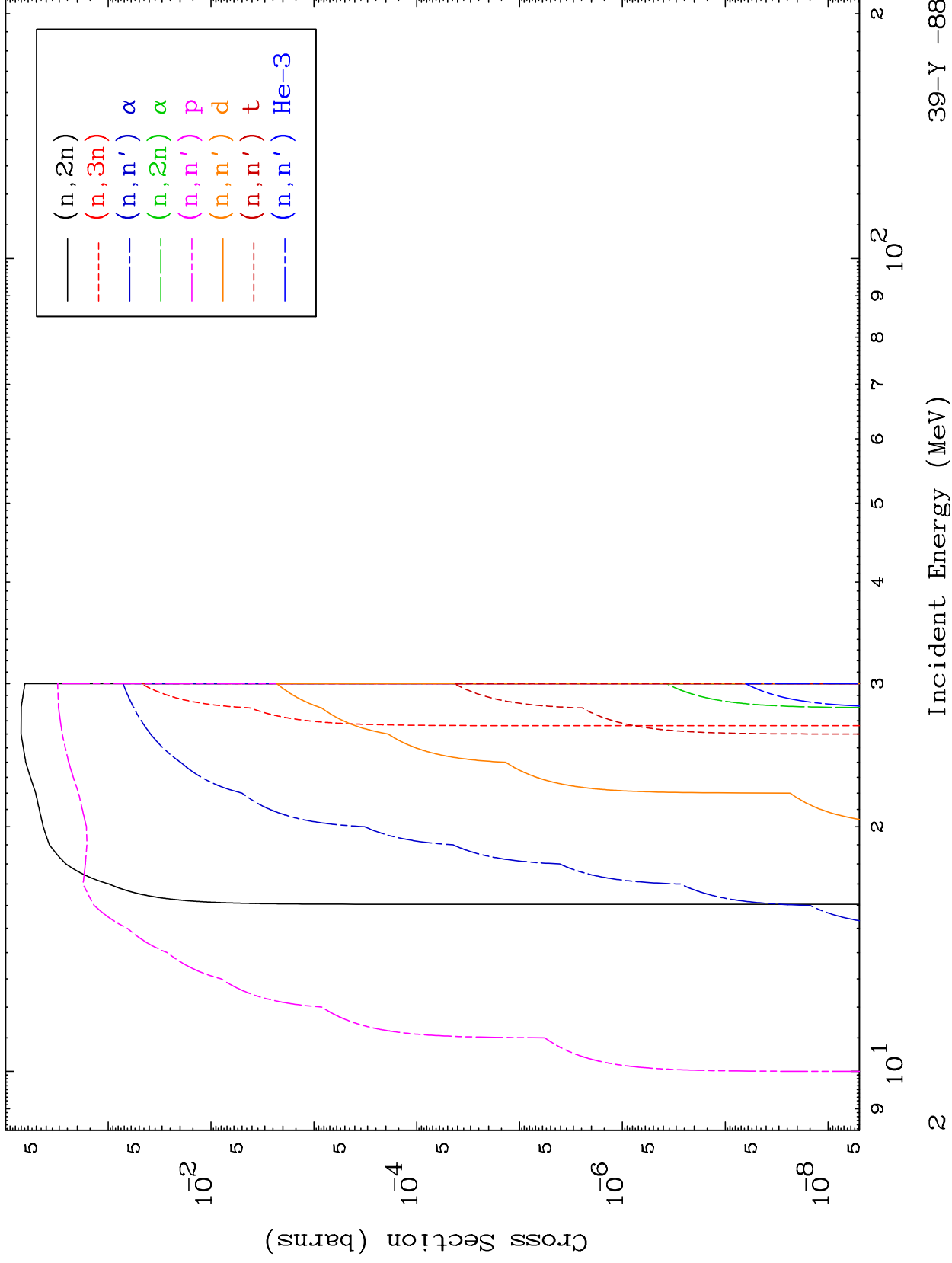
MAT 3922

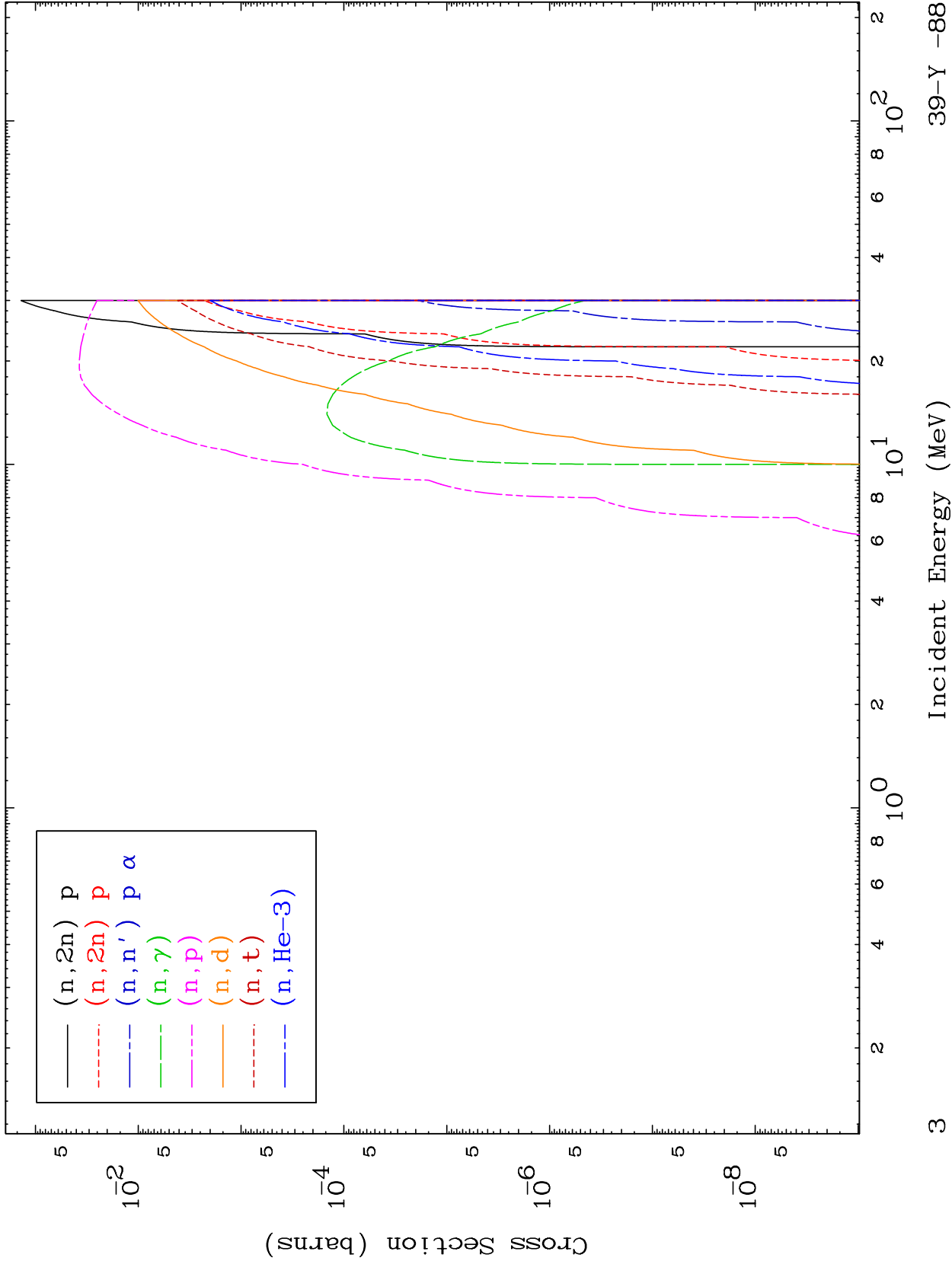
α Major

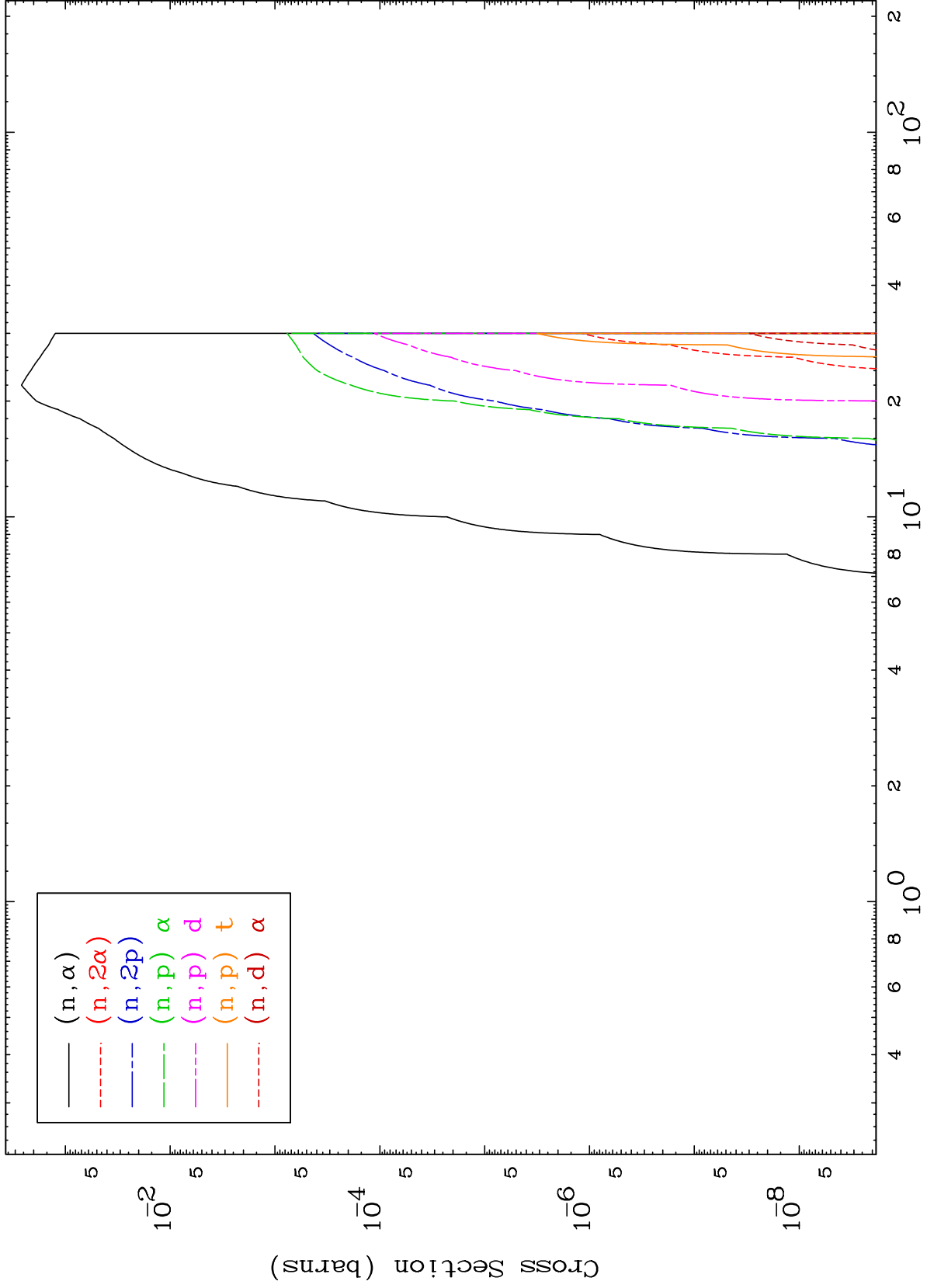
0 Kelvin Cross Sections

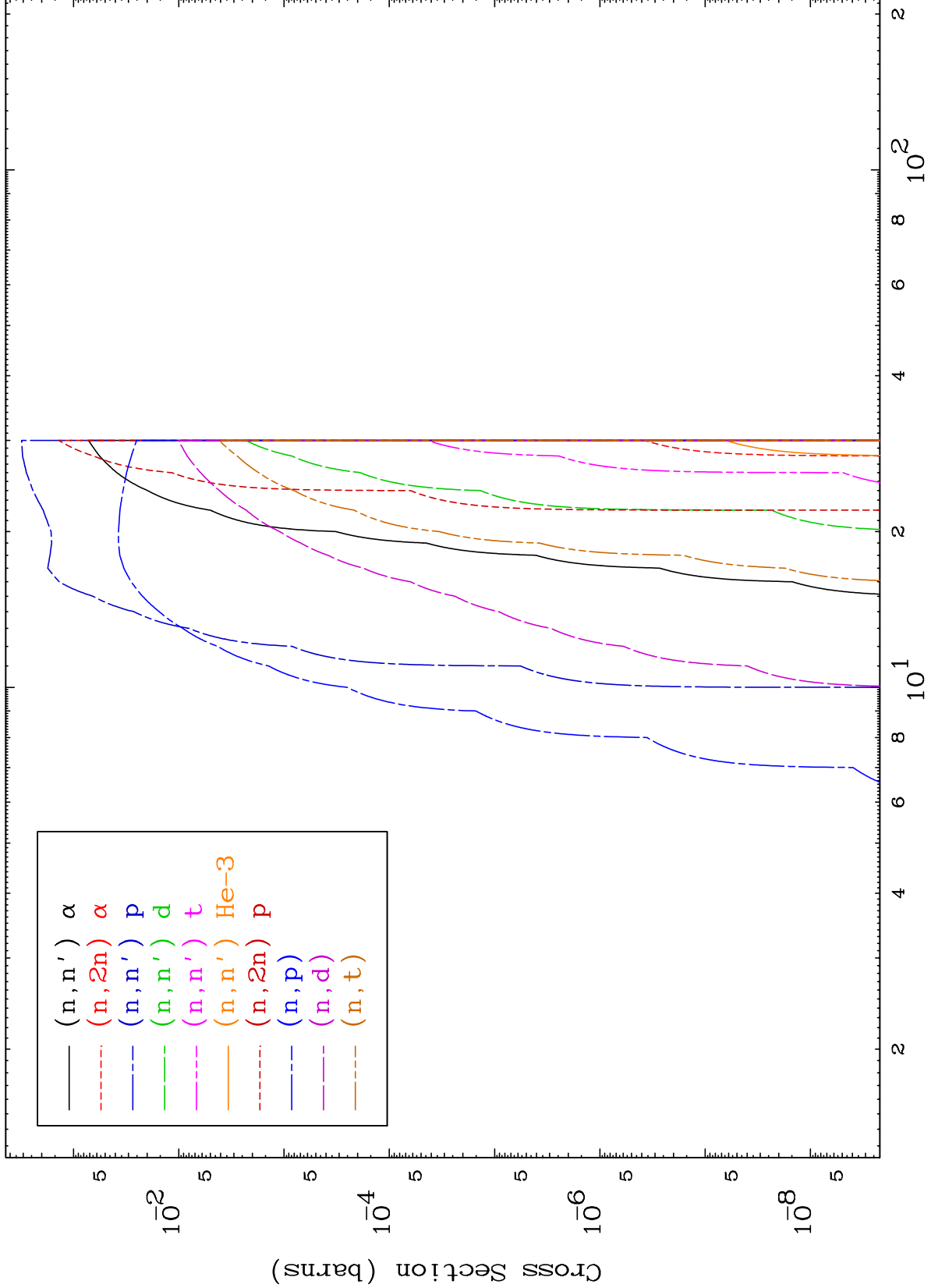
39-Y -88

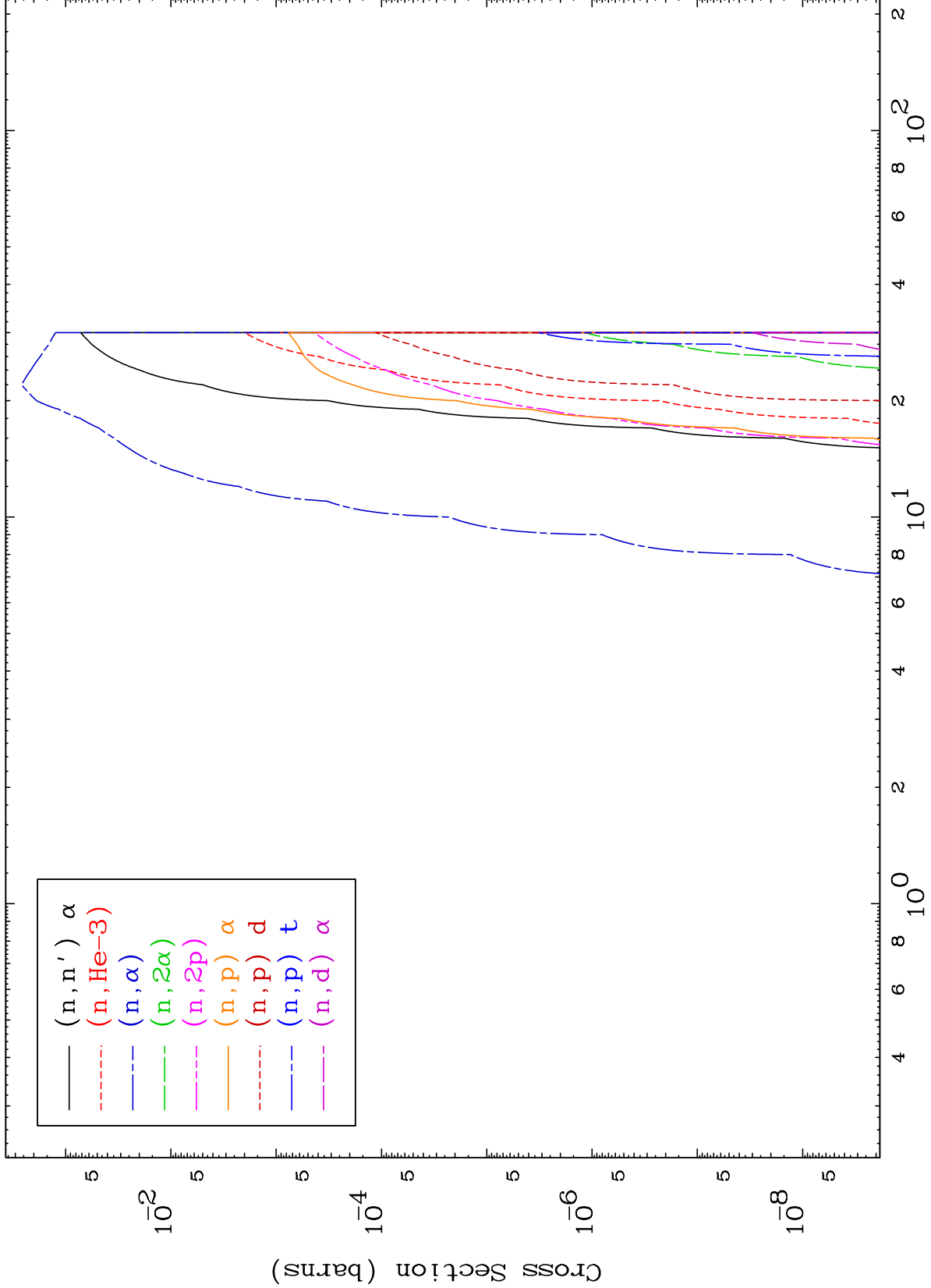




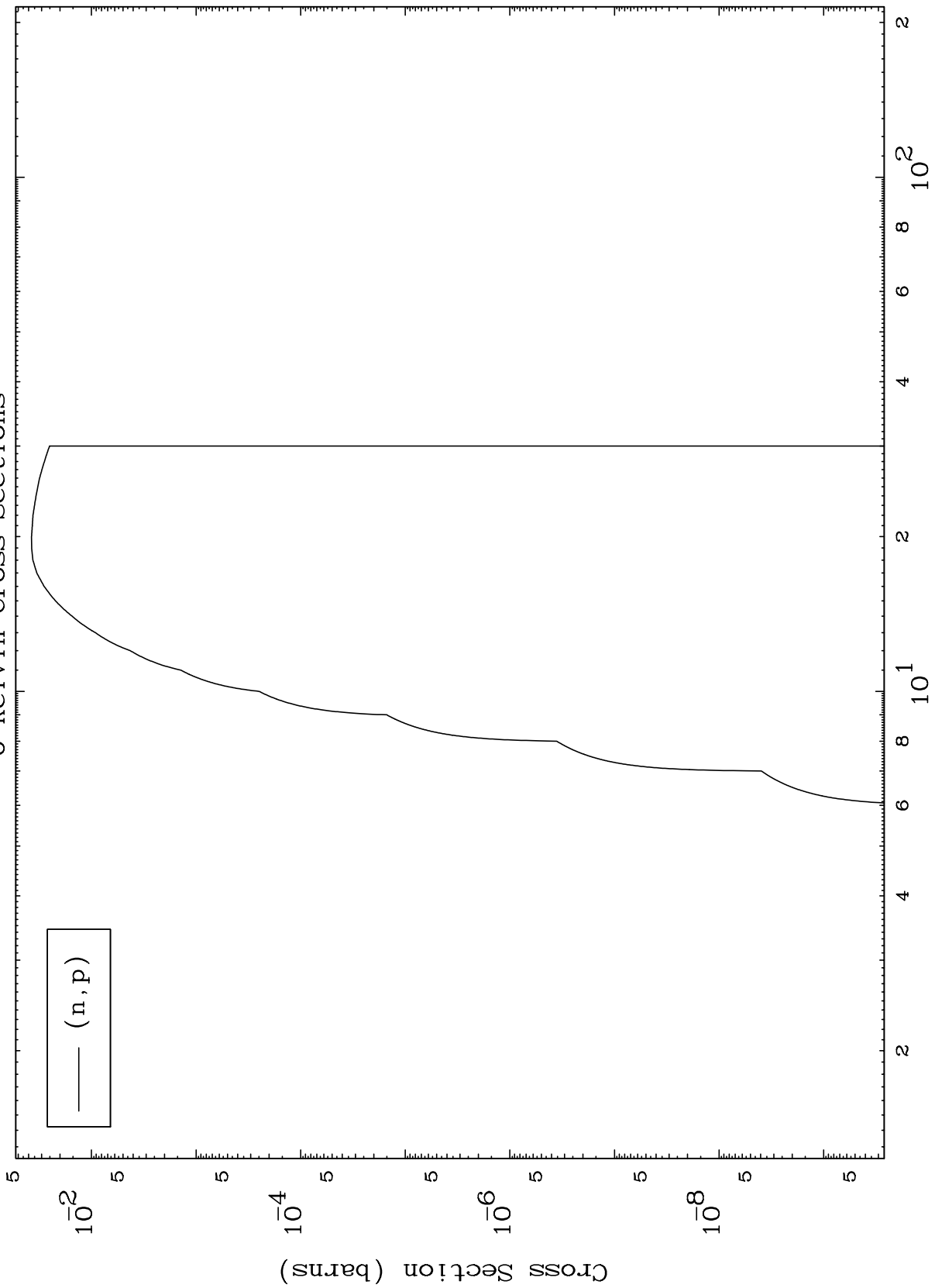


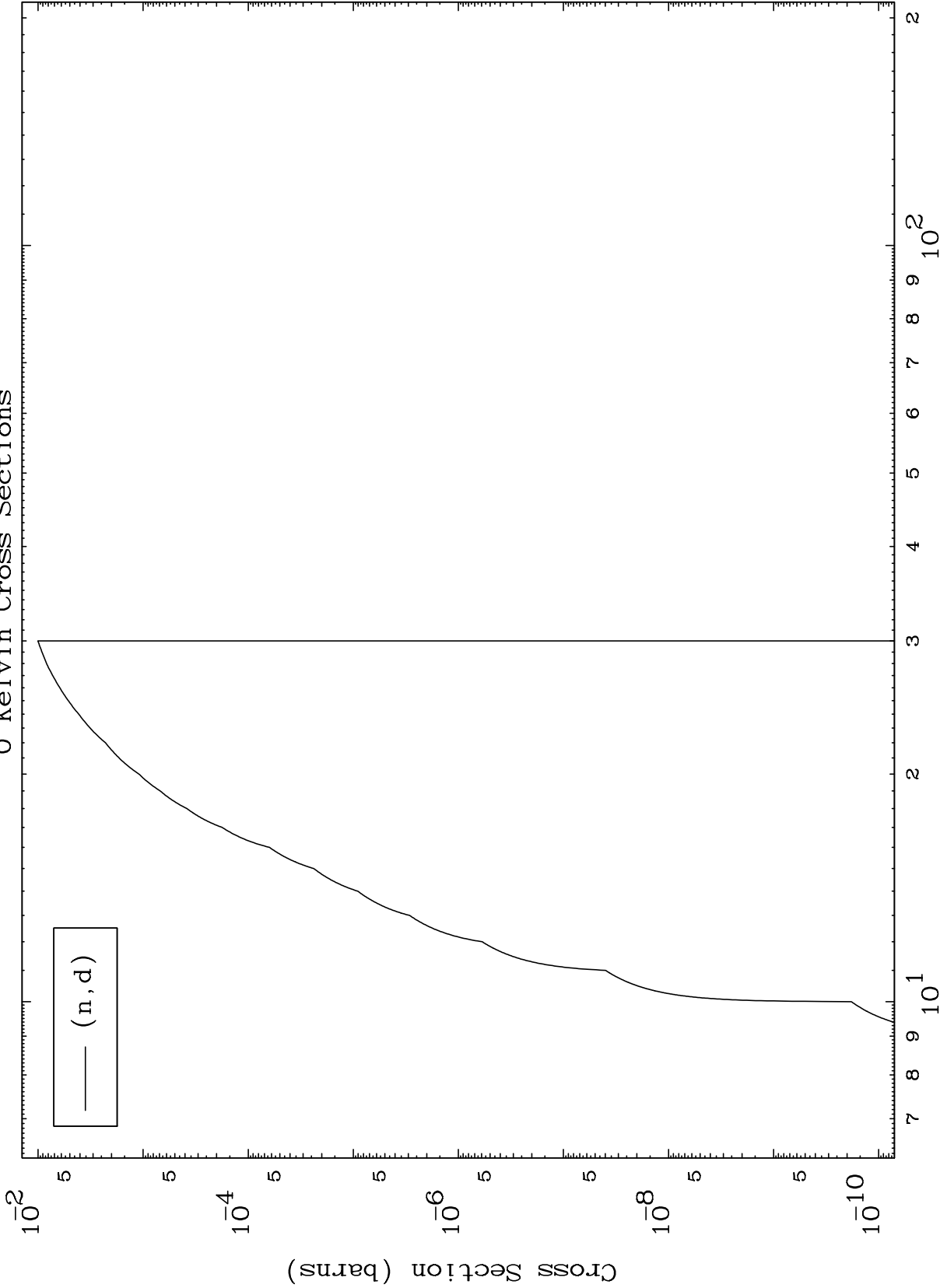


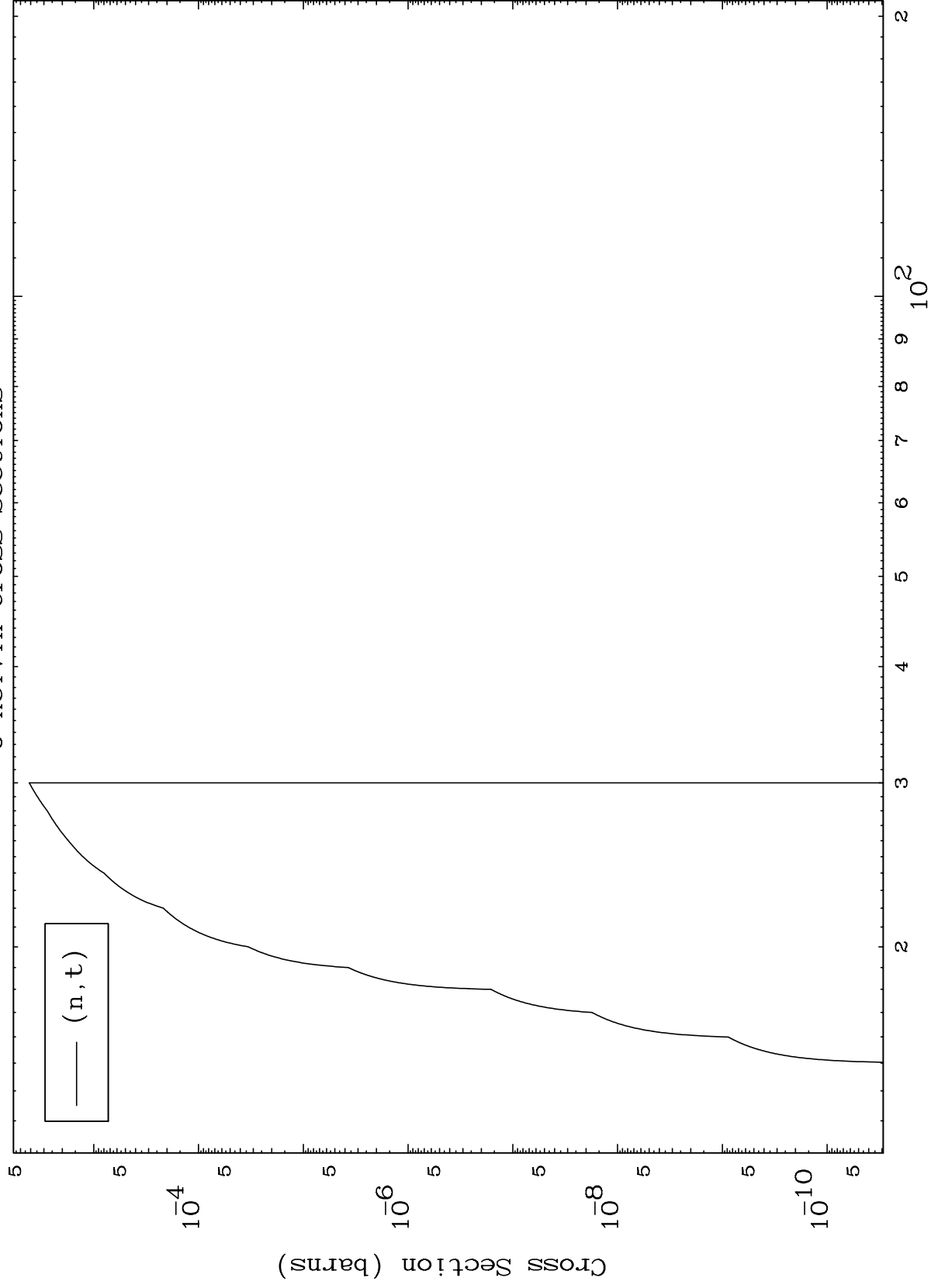




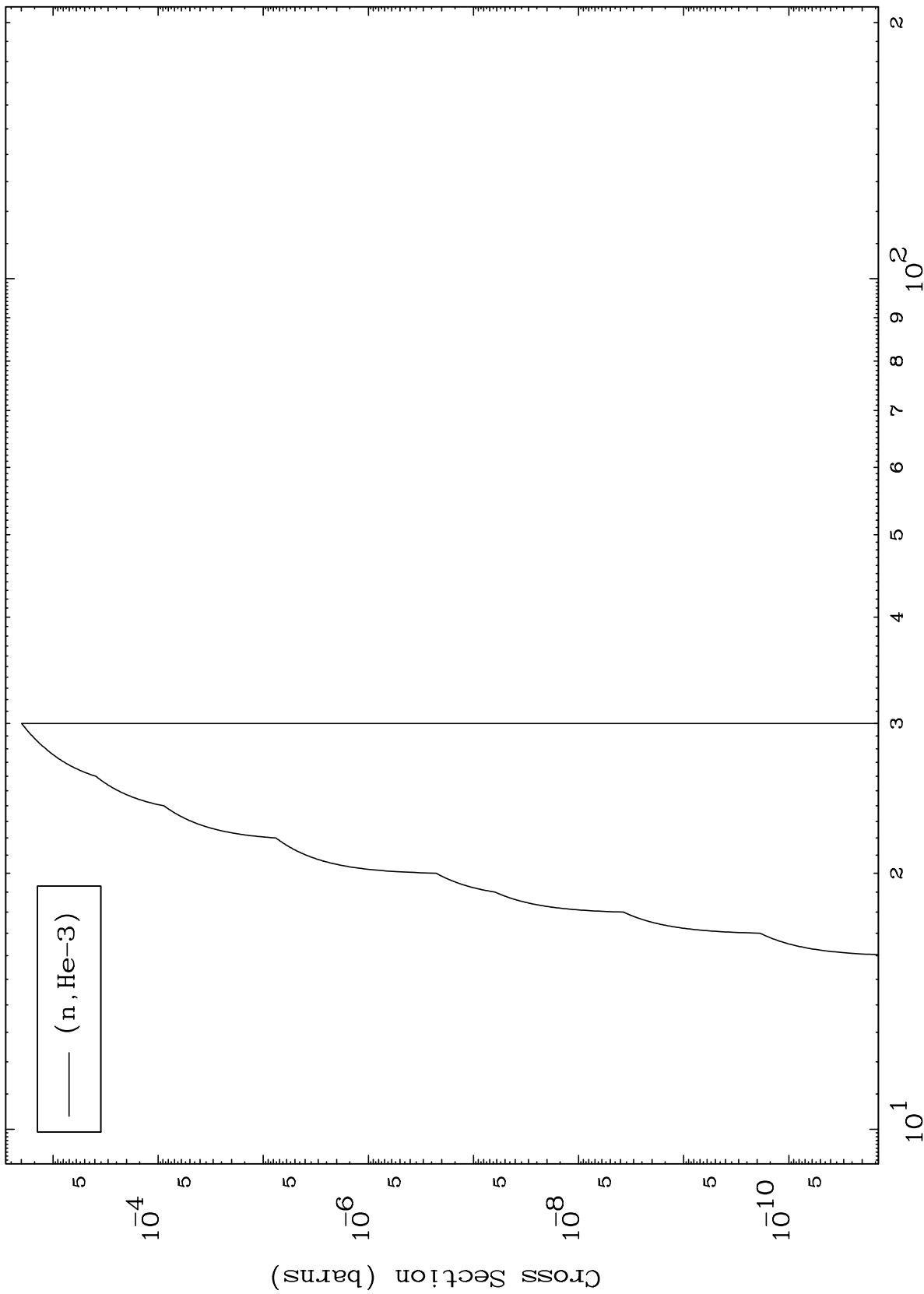
(α, p) Levels
0 Kelvin Cross Sections



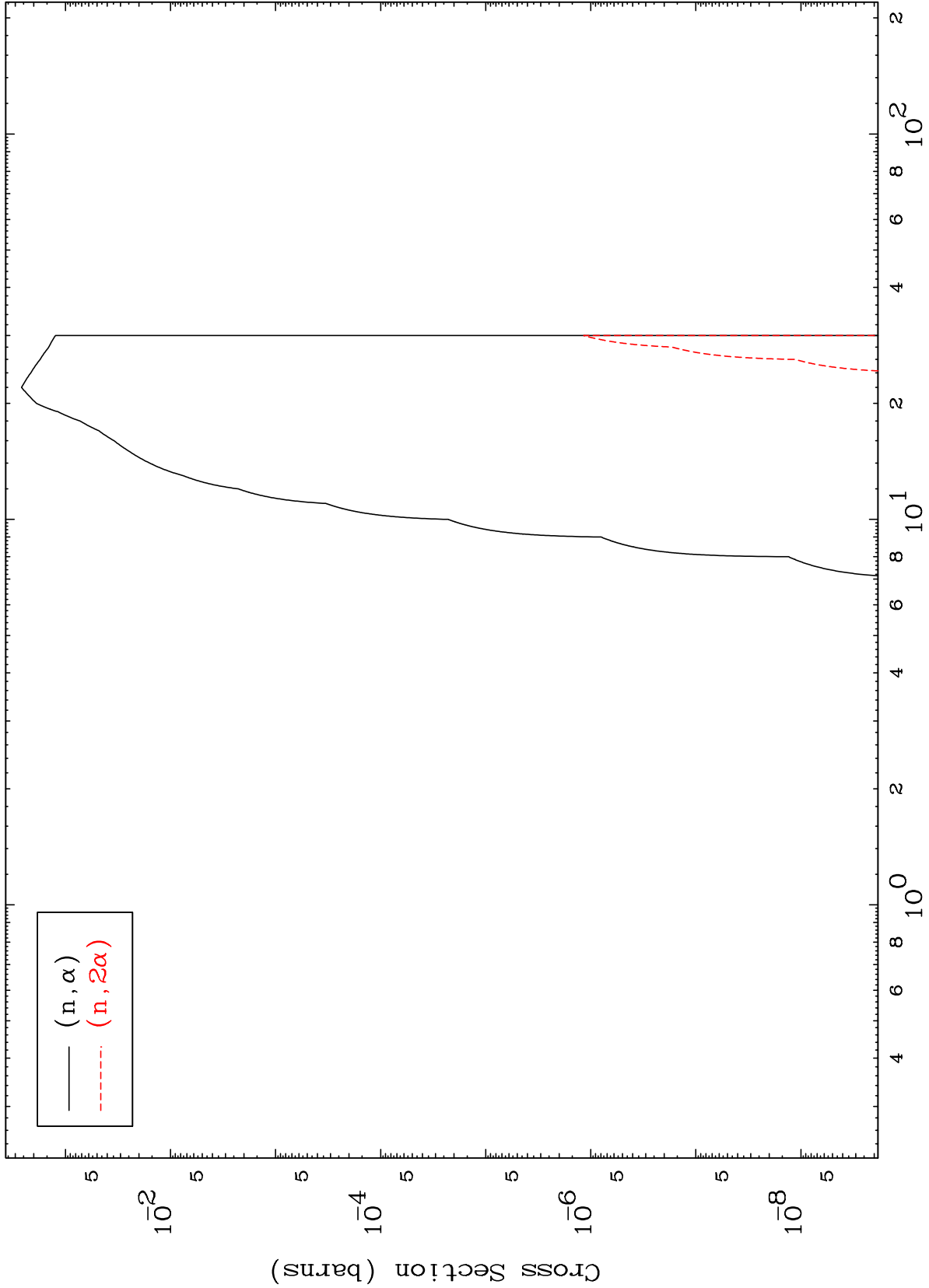




($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



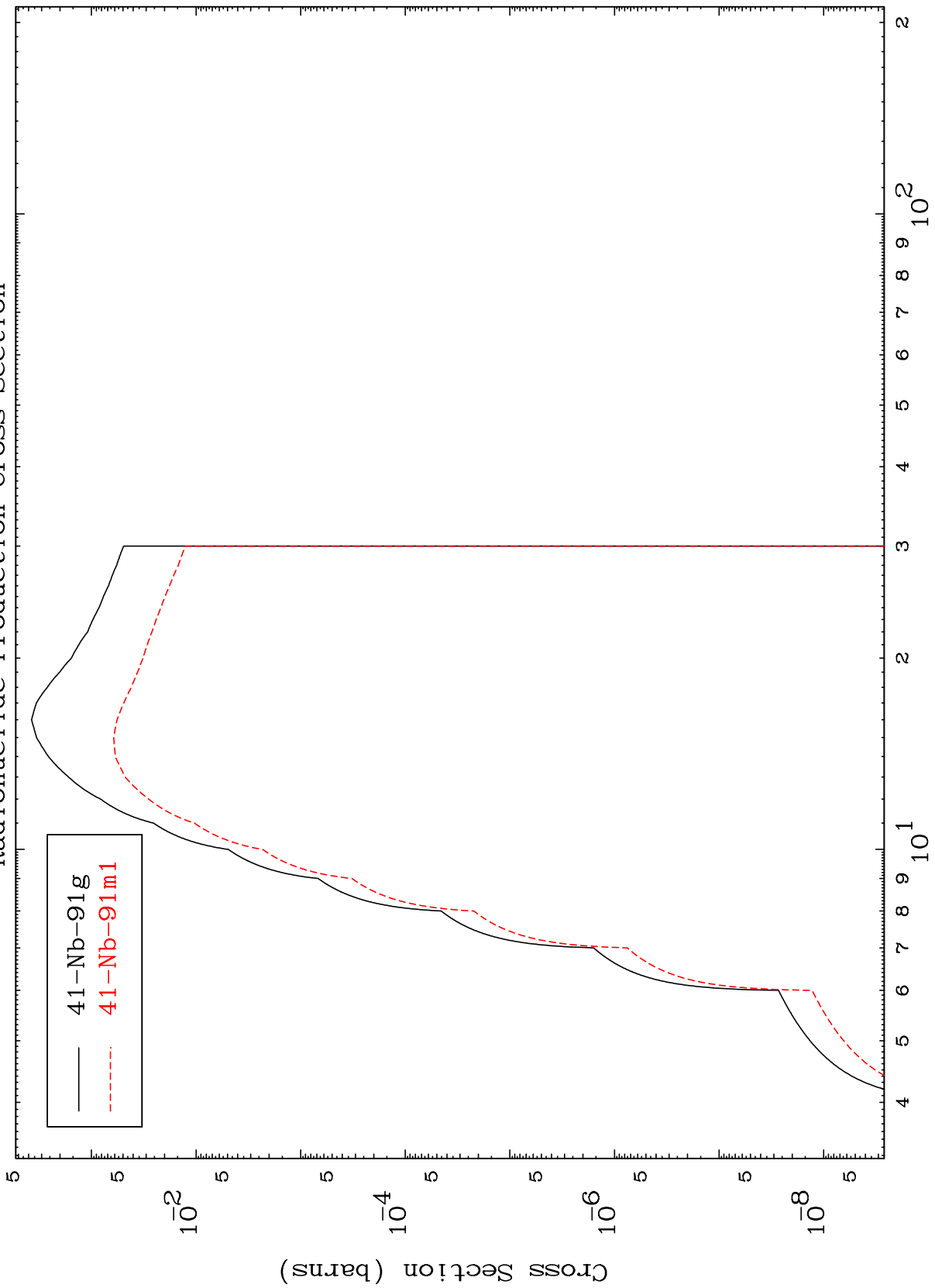
0 Kelvin Cross Sections



MAT 3922

39-Y -88

Inelastic
Radionuclide Production Cross Section

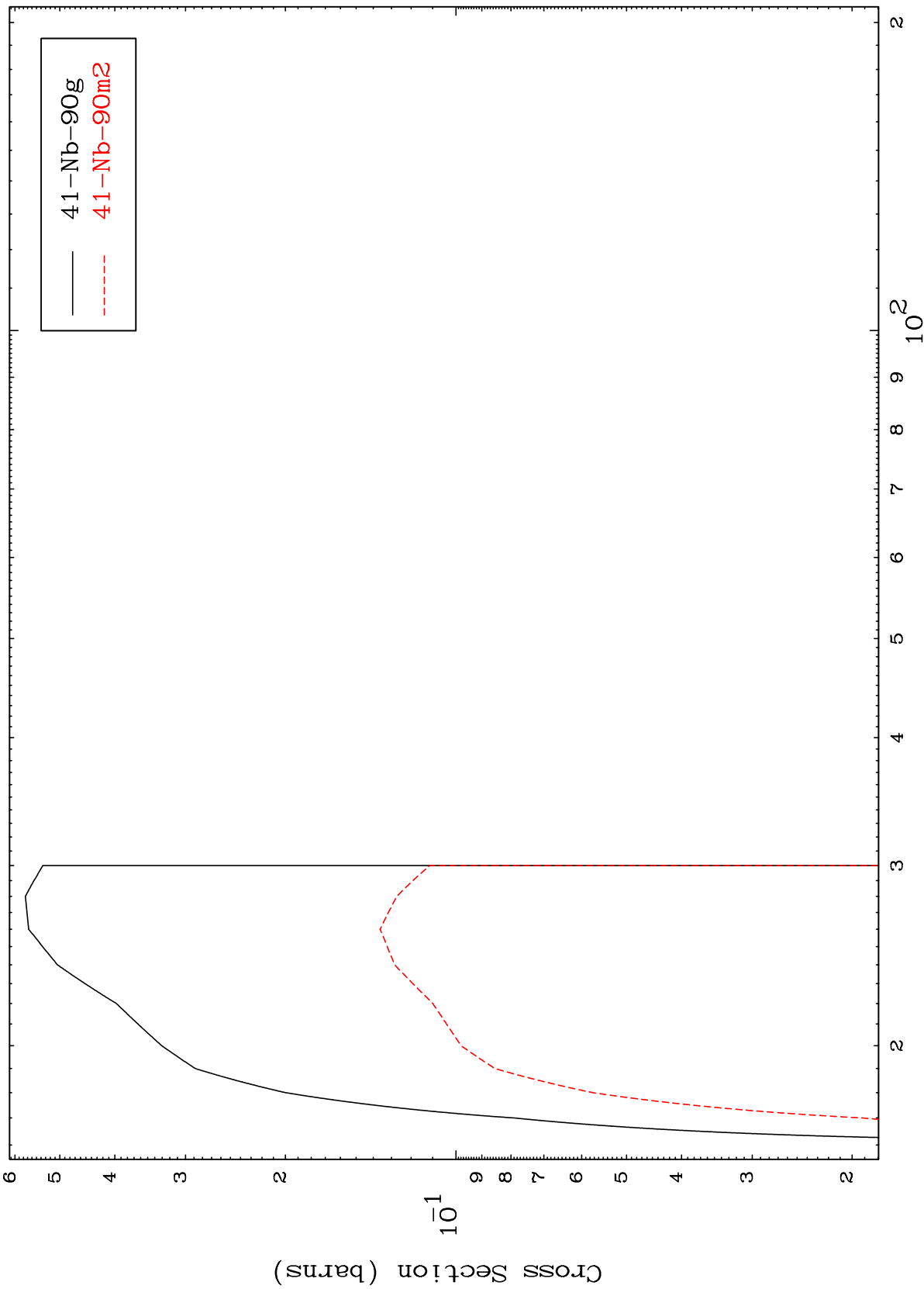


39-Y -88

Incident Energy (MeV)

12

(n,2n)
Radionuclide Production Cross Section

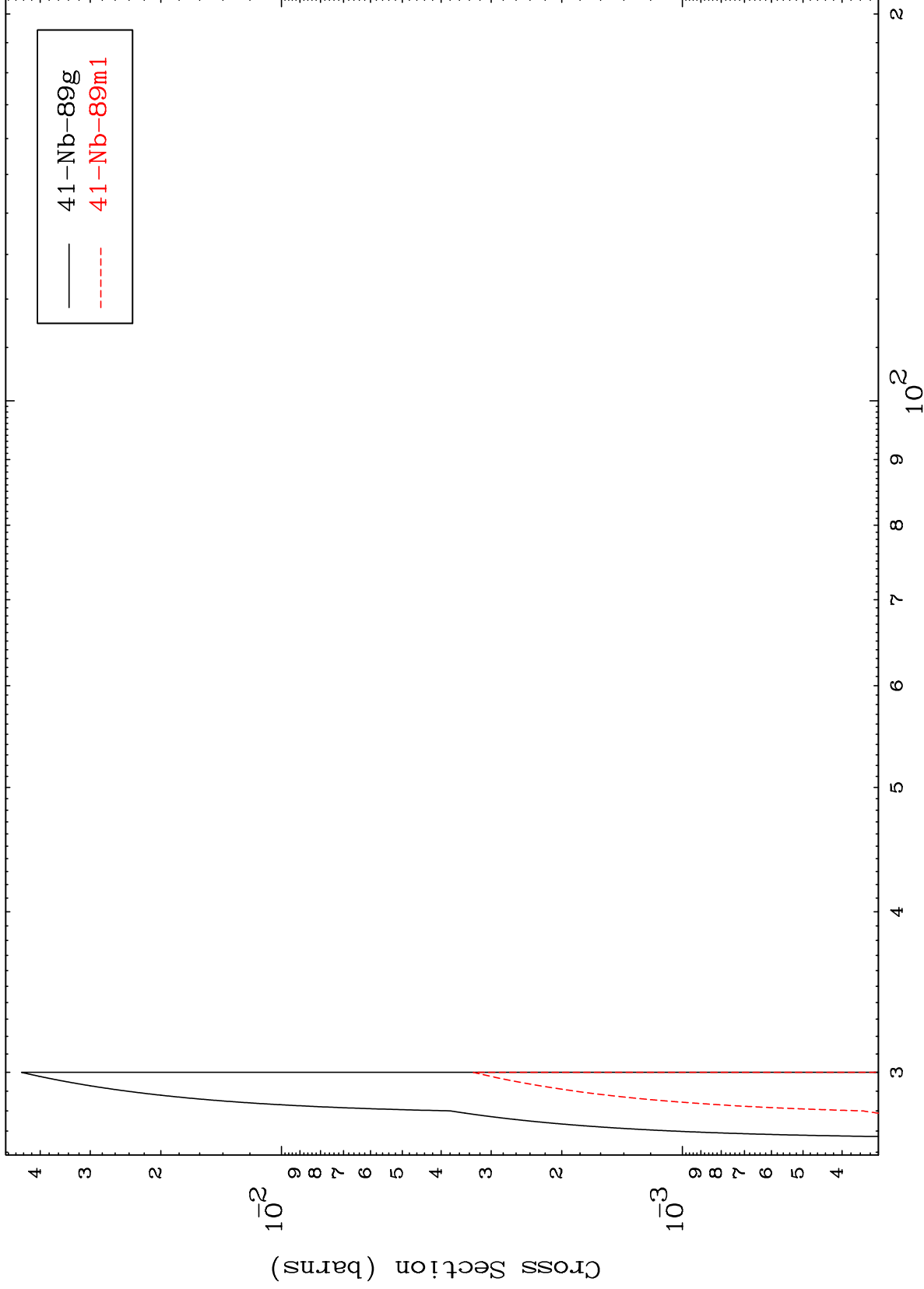


MAT 3922

(n,3n)

39-Y -88

Radionuclide Production Cross Section



14

Incident Energy (MeV)

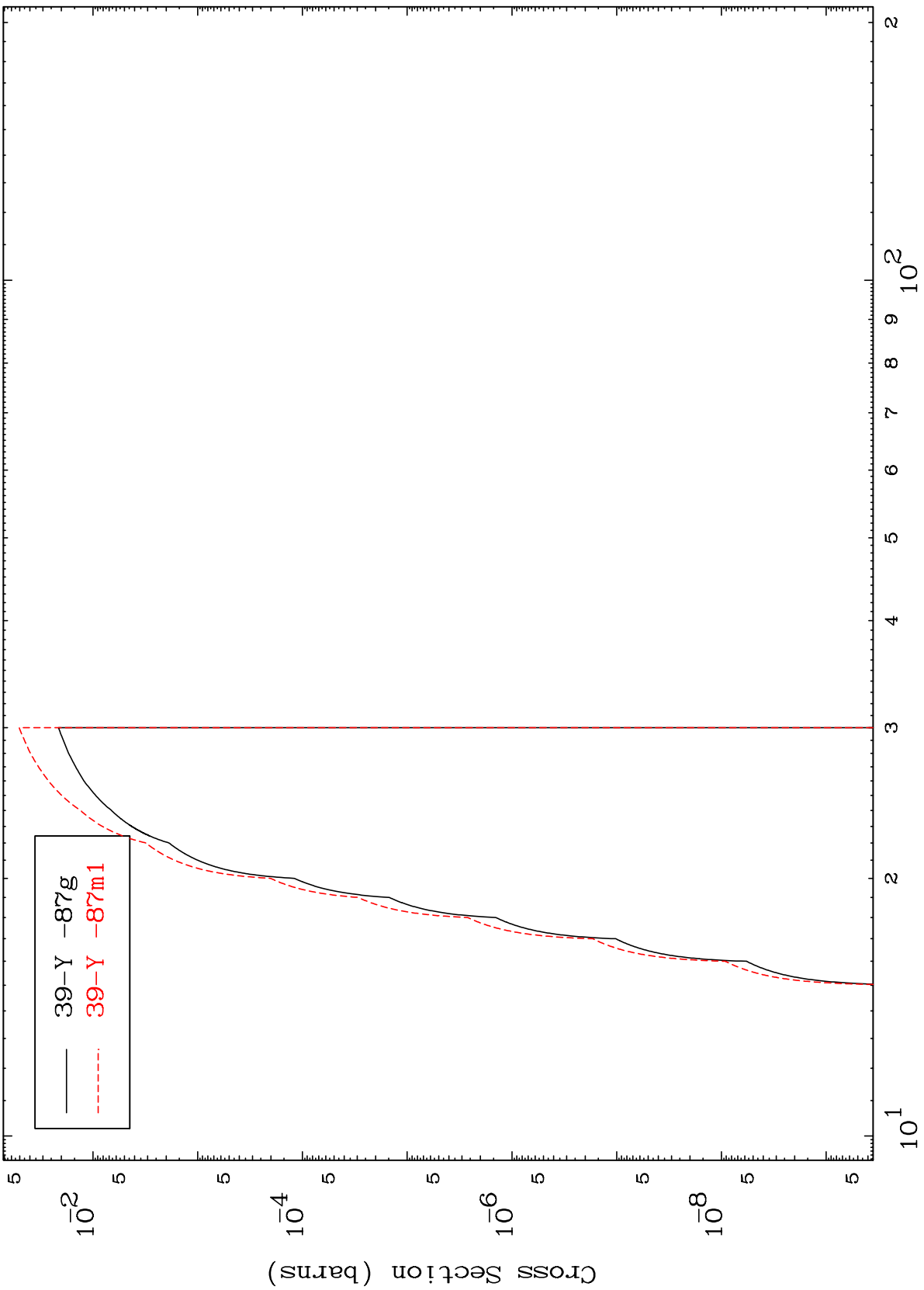
39-Y -88

MAT 3922

(n,n') α

39-Y -88

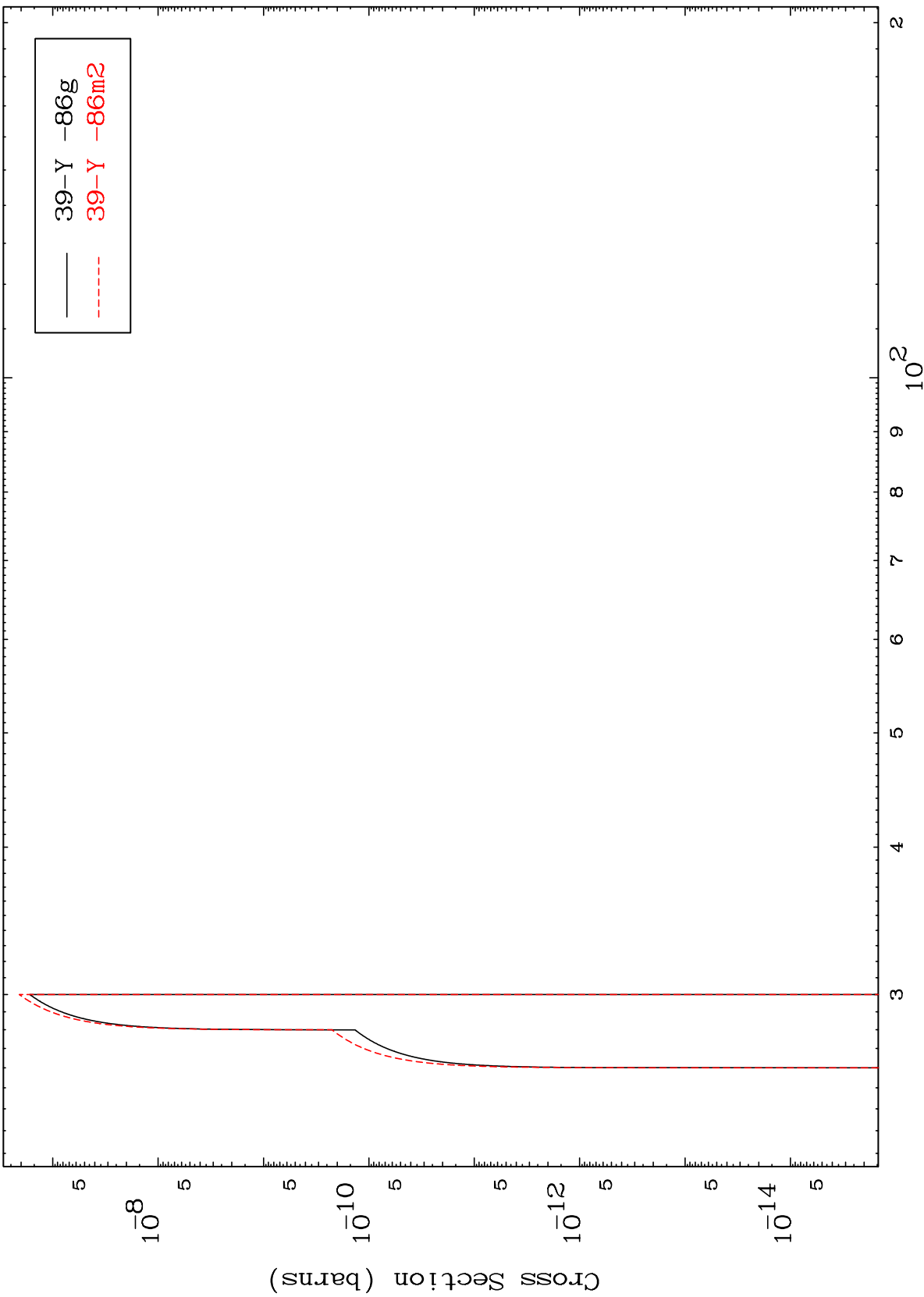
Radionuclide Production Cross Section



Incident Energy (MeV)

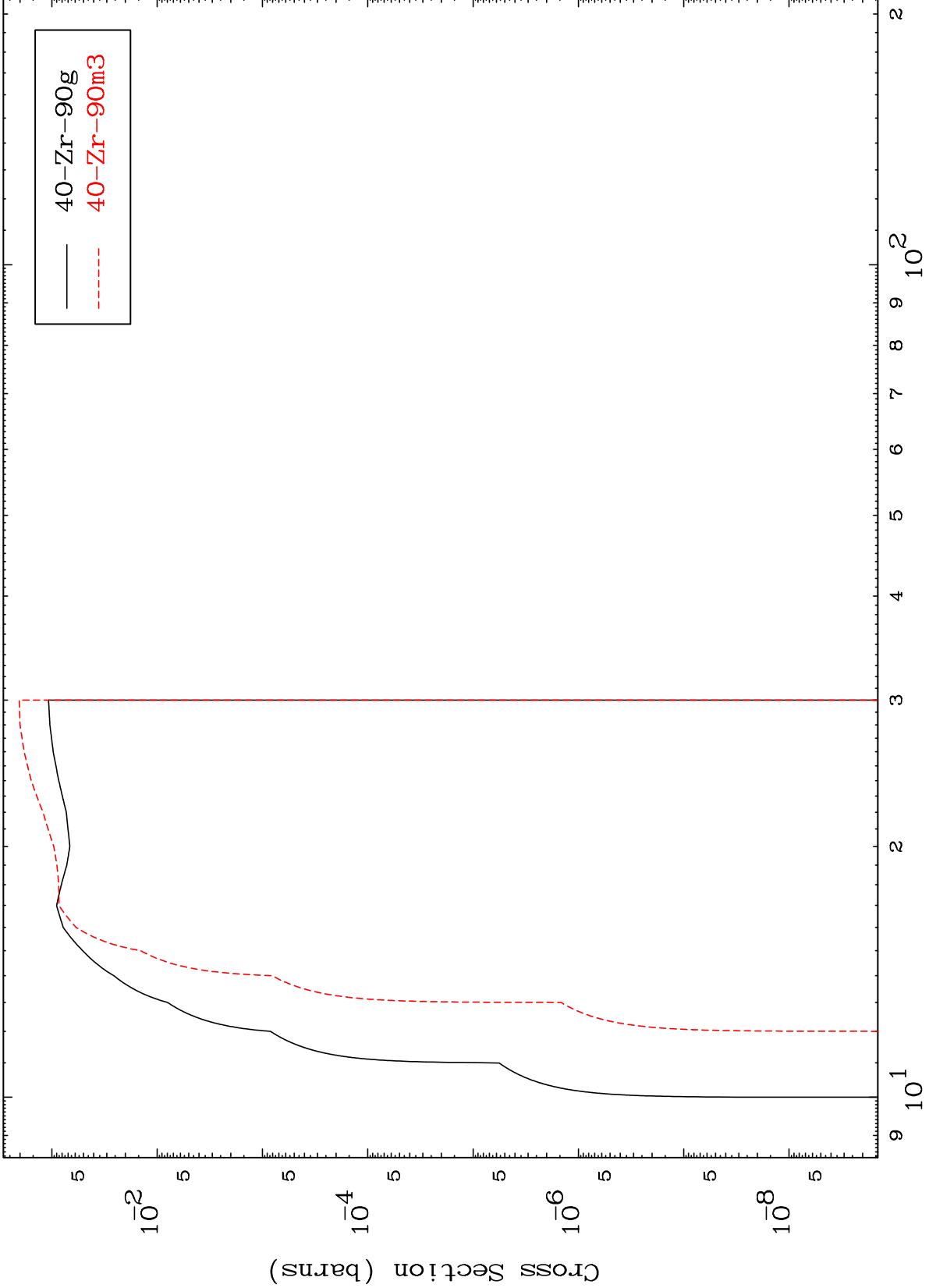
39-Y -88

Radionuclide Production Cross Section



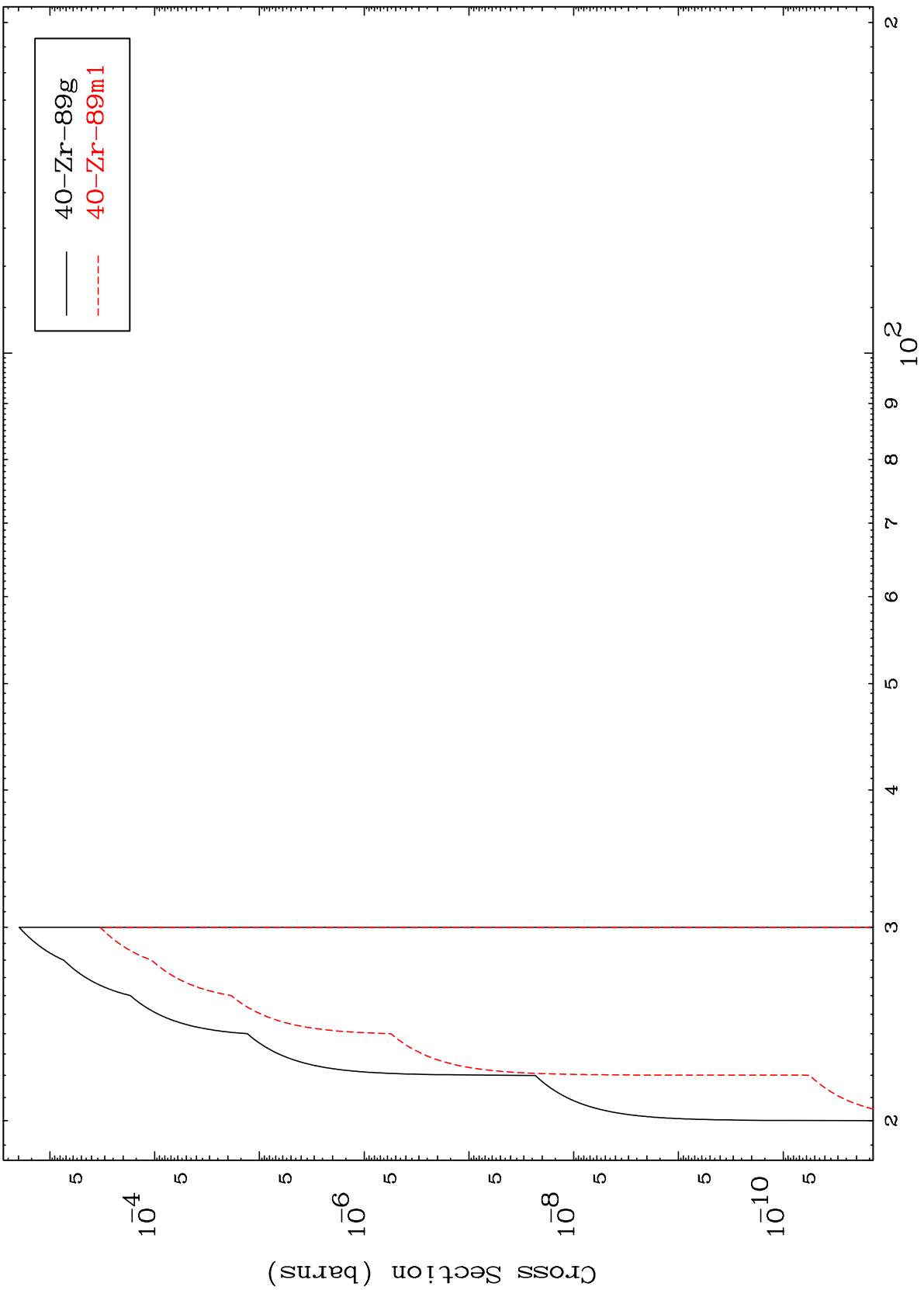
39-Y -86g
39-Y -86m2

Radionuclide Production Cross Section

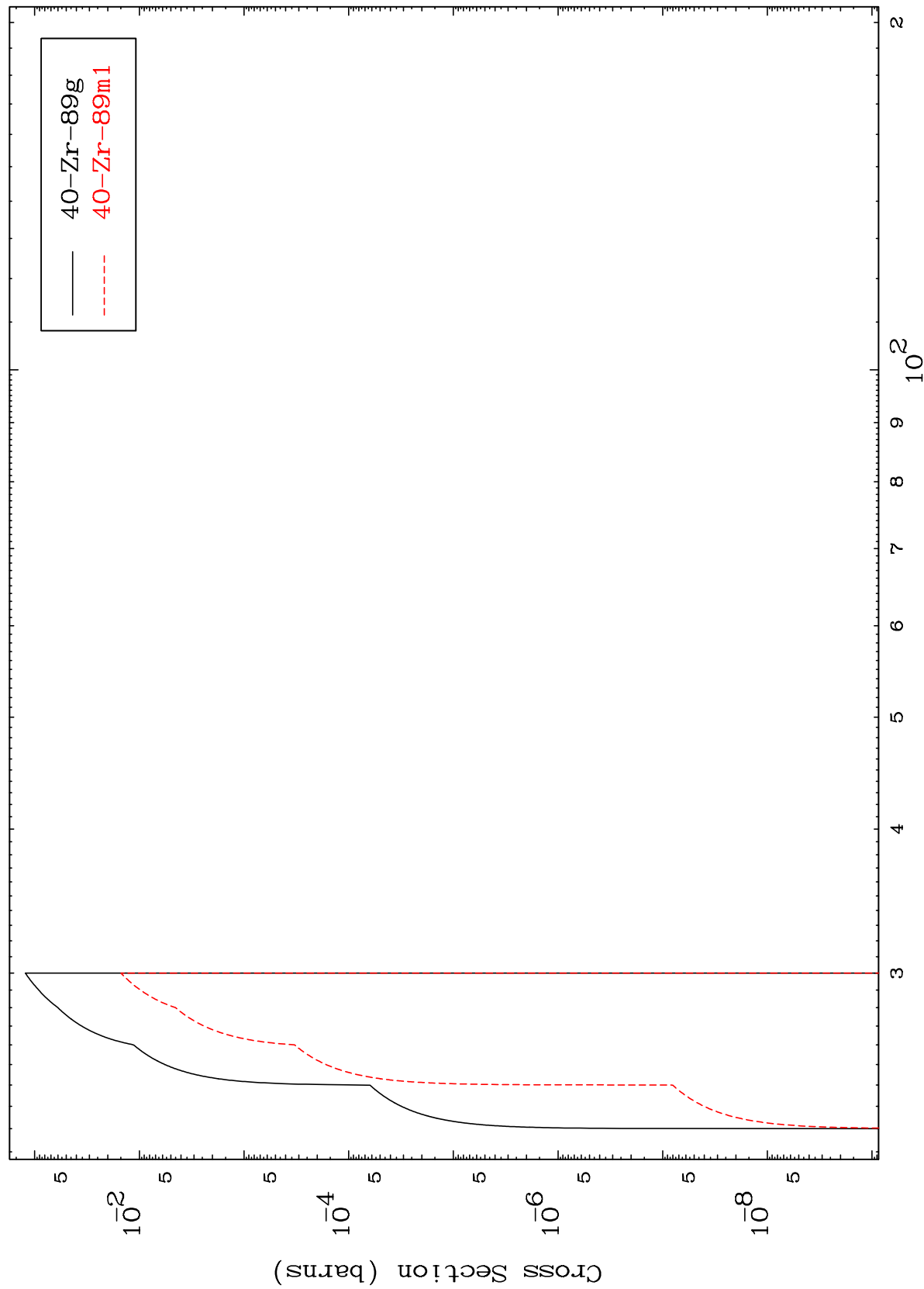


40-Zr-90g
40-Zr-90m3

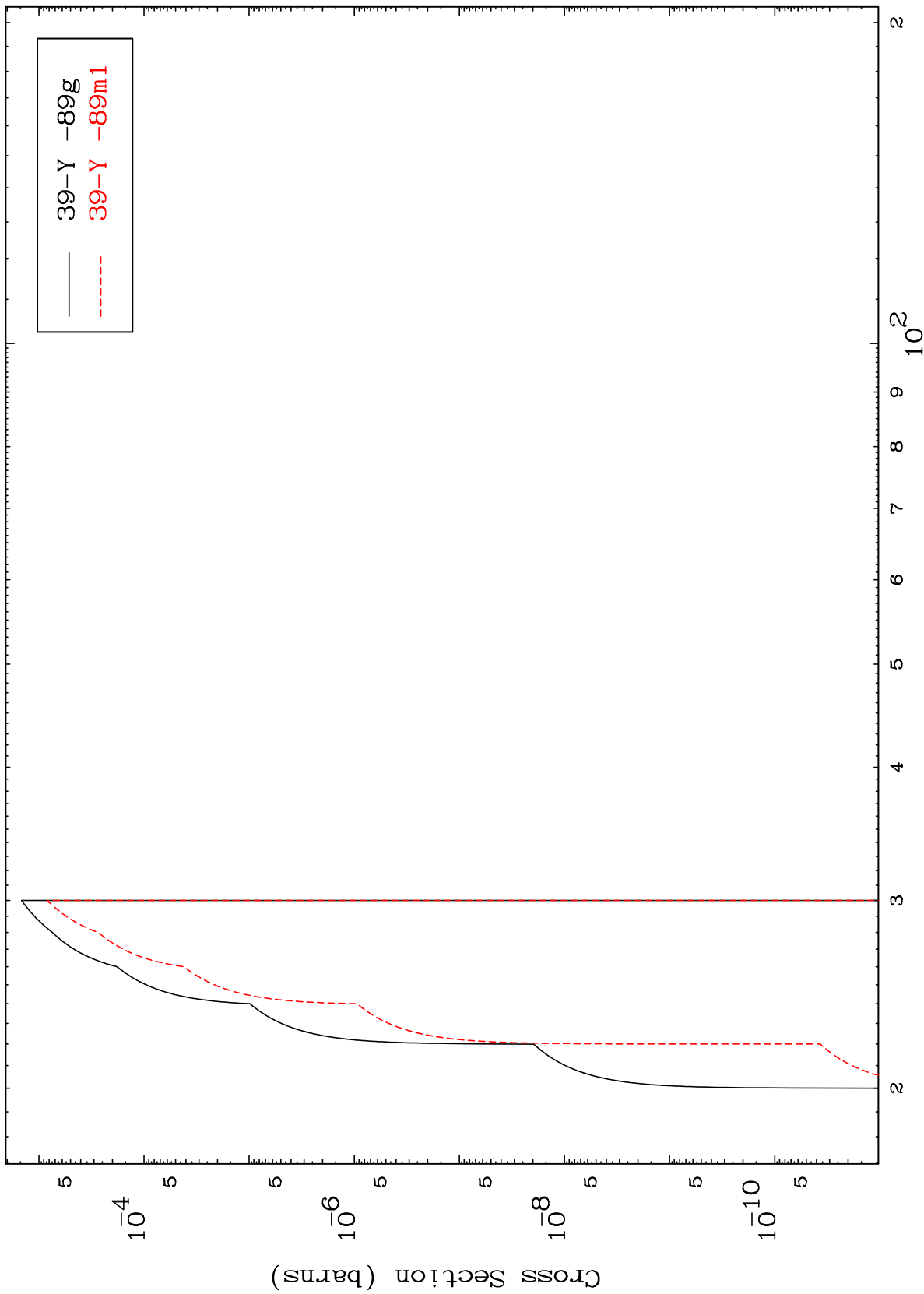
Radionuclide Production Cross Section



Radionuclide Production Cross Section



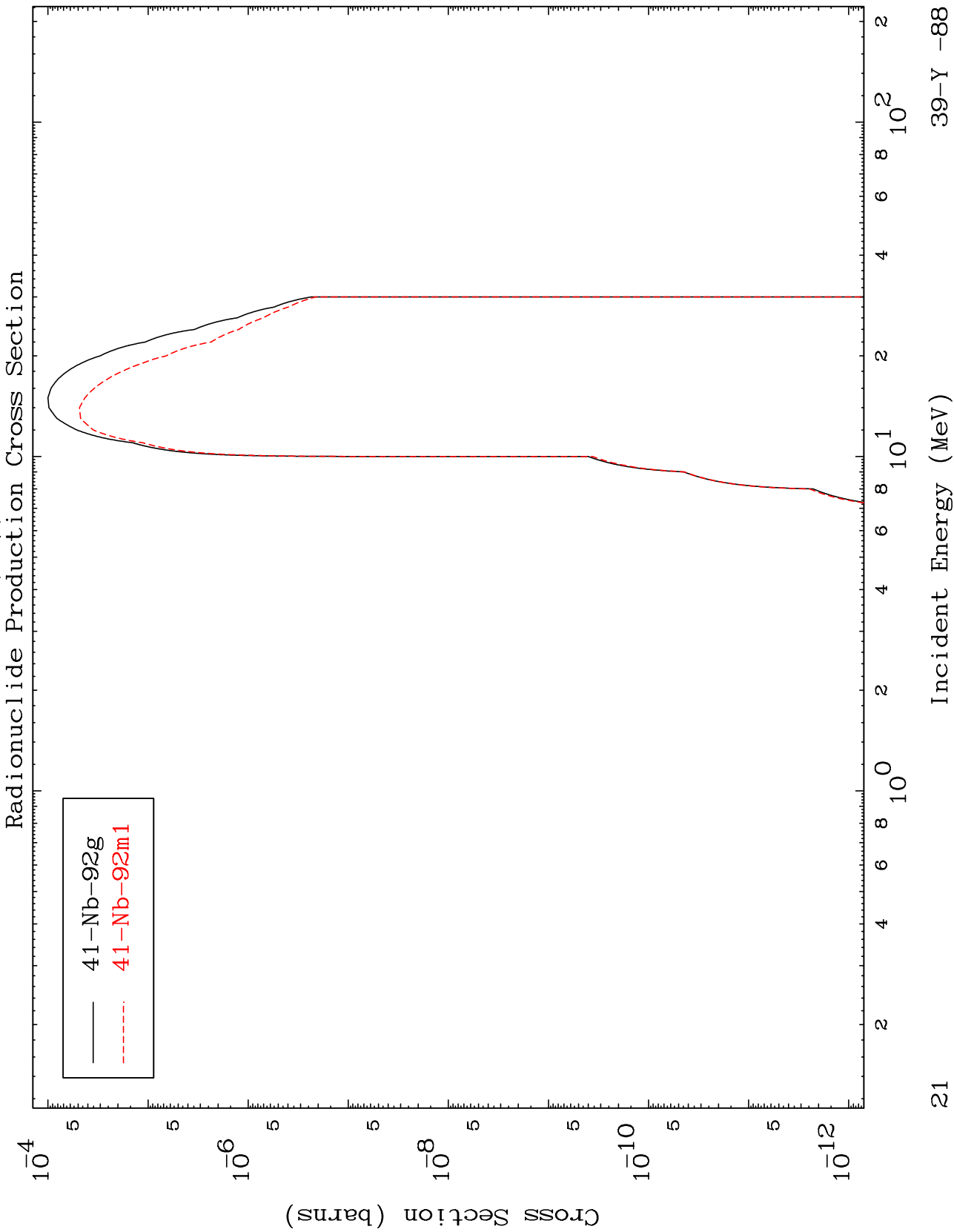
Radionuclide Production Cross Section



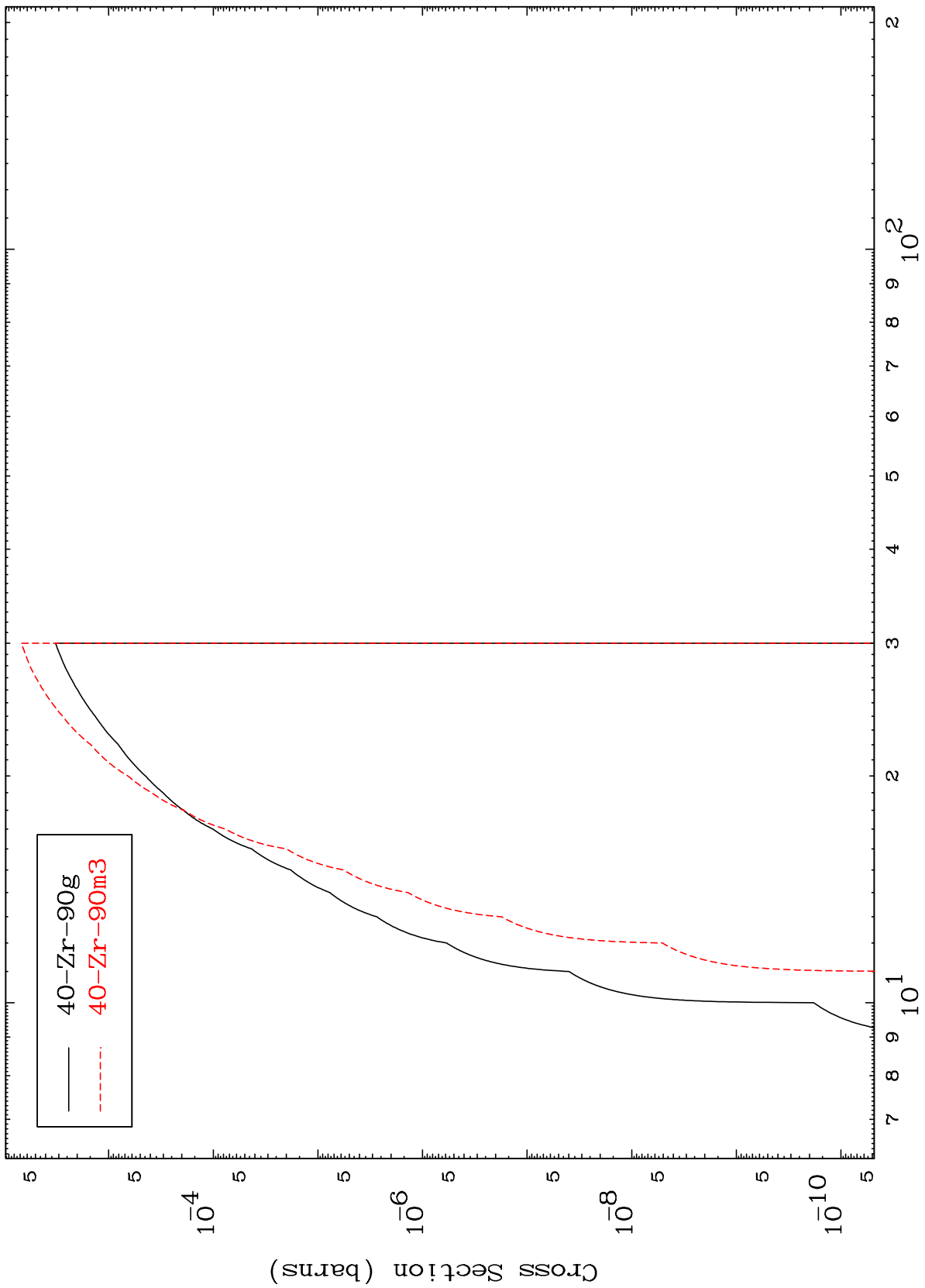
39-Y -89g
39-Y -89m1

MAT 3922

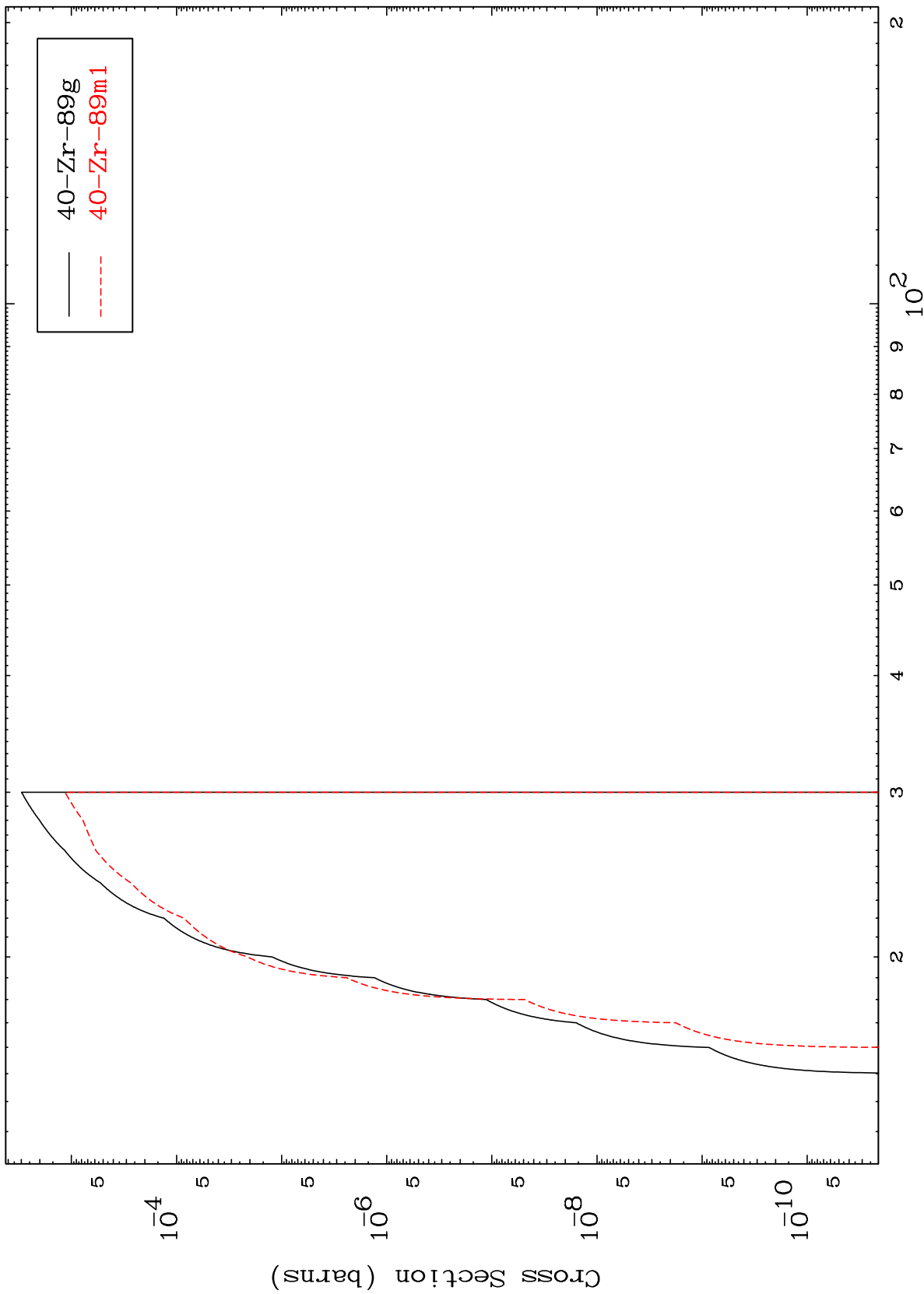
39-Y -88



(n,d)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section



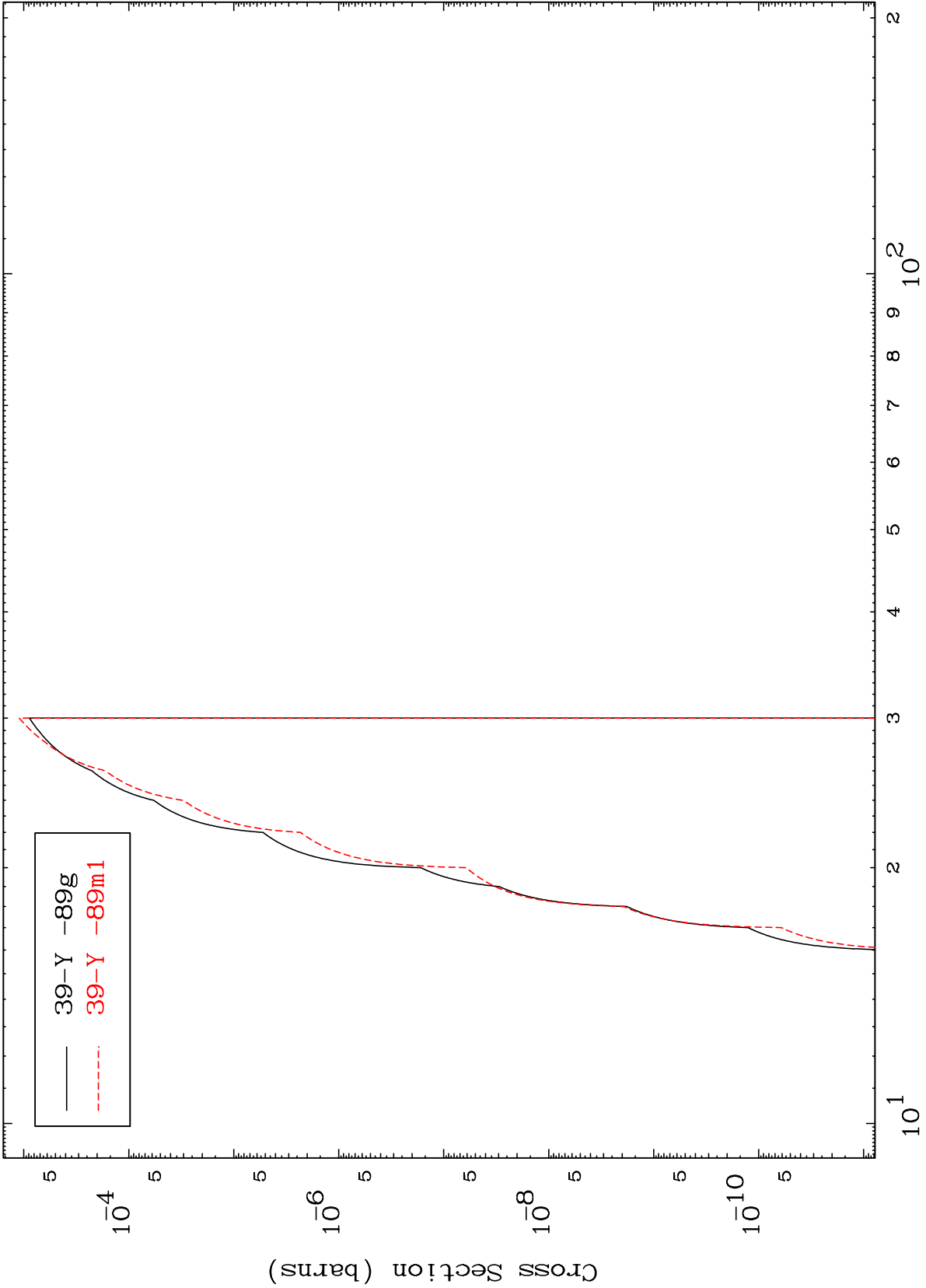
— 40-Zr-89g
- - - 40-Zr-89m1

MAT 3922

(n,He-3)

39-Y -88

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

24

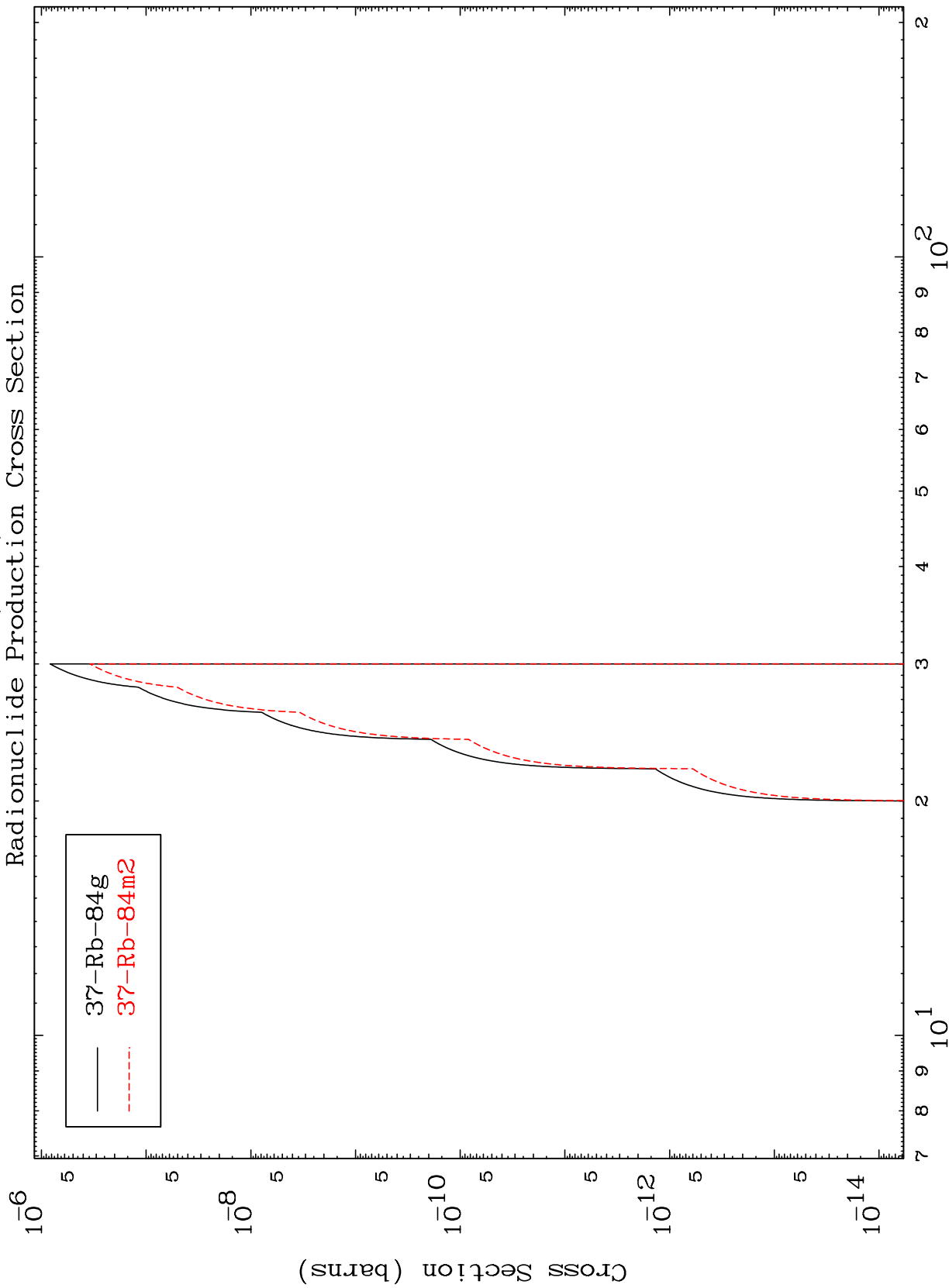
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

Radionuclide Production Cross Section
(n,2 α)



— 37-Rb-84g
- - - 37-Rb-84m2

Incident Energy (MeV)

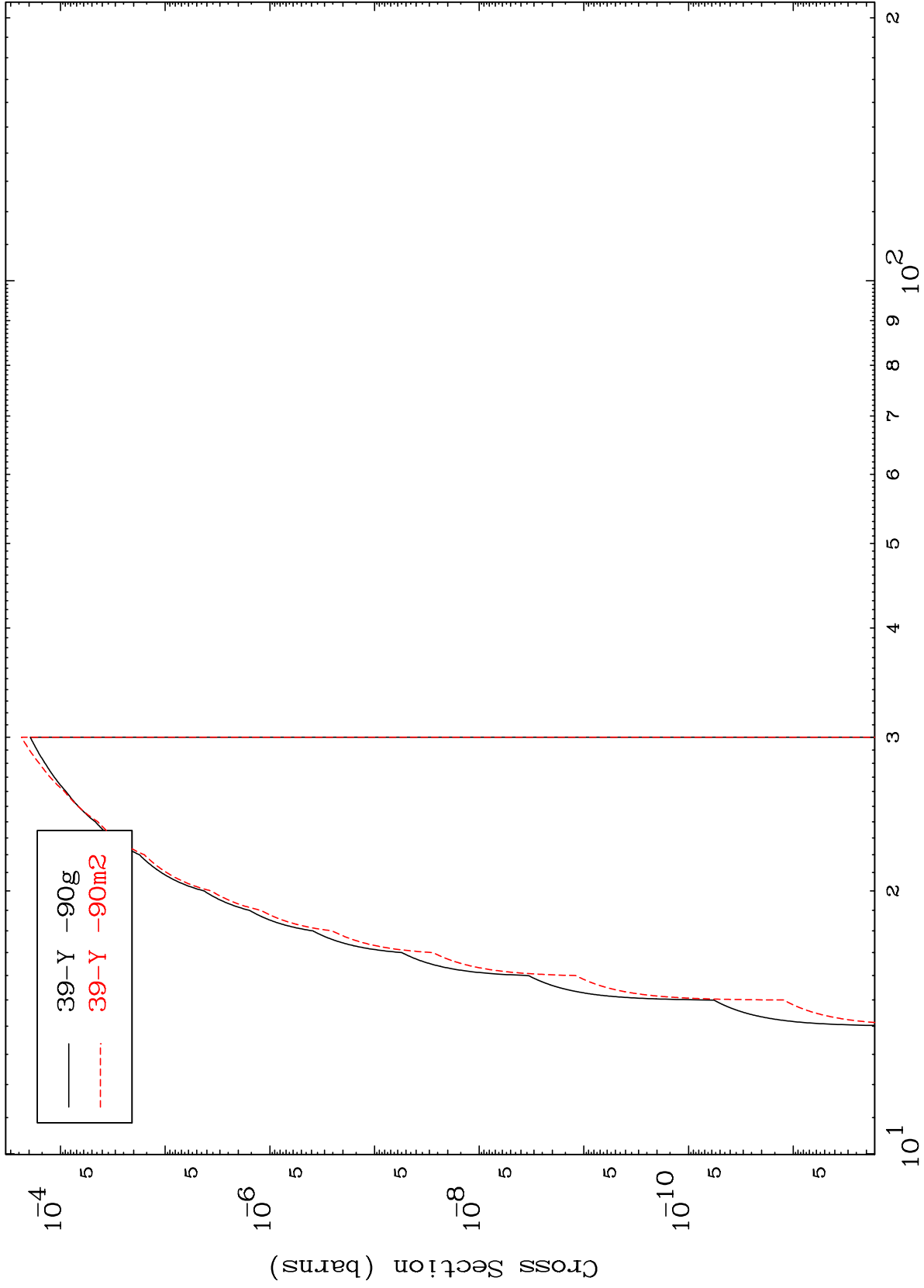
39-Y -88

25

MAT 3922

39-Y -88

Radionuclide Production Cross Section
(n,2p)



39-Y -88

Incident Energy (MeV)

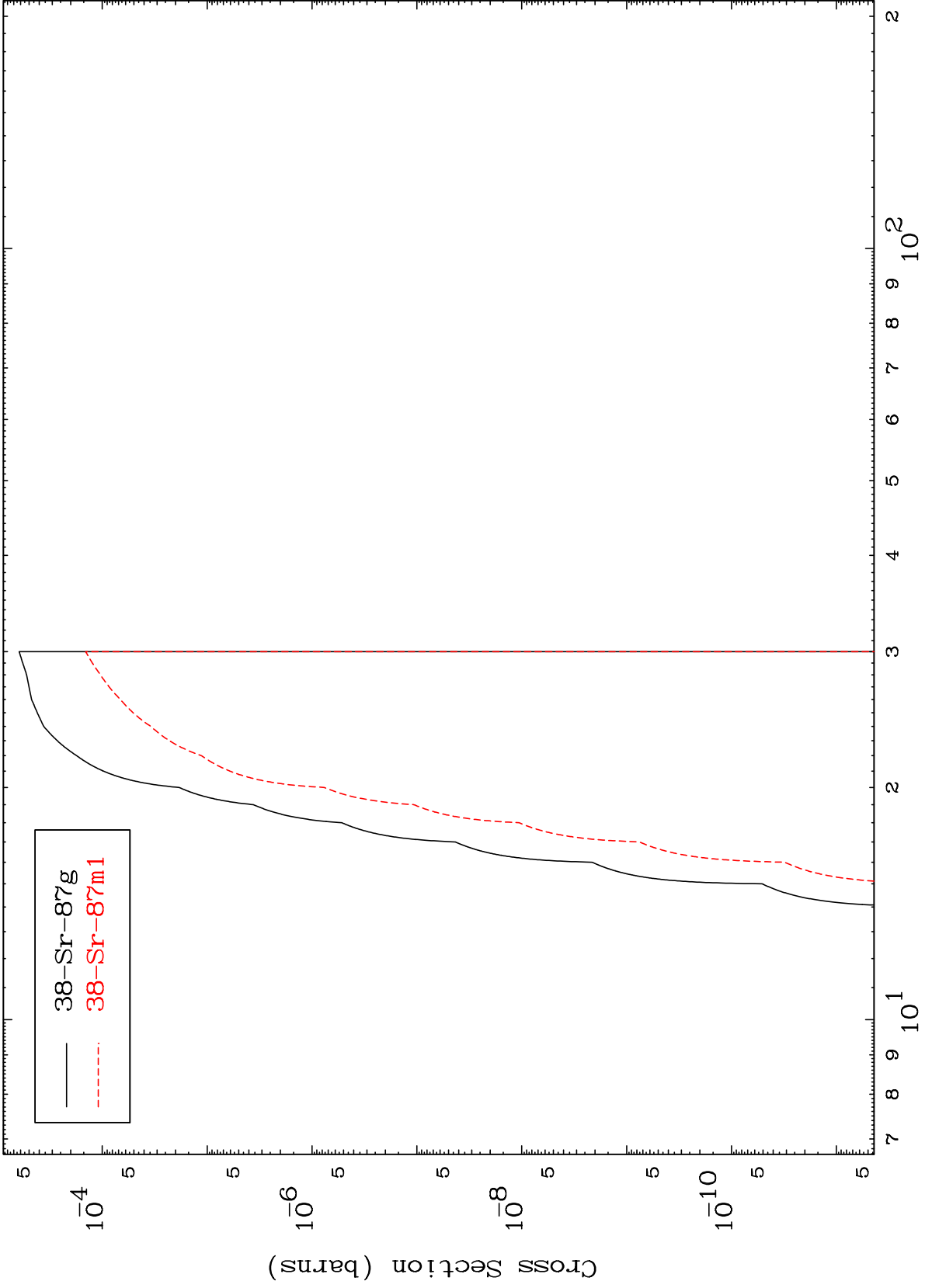
26

MAT 3922

(n,p) α

39-Y -88

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

27

Incident Energy (MeV)

39-Y -88

