

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

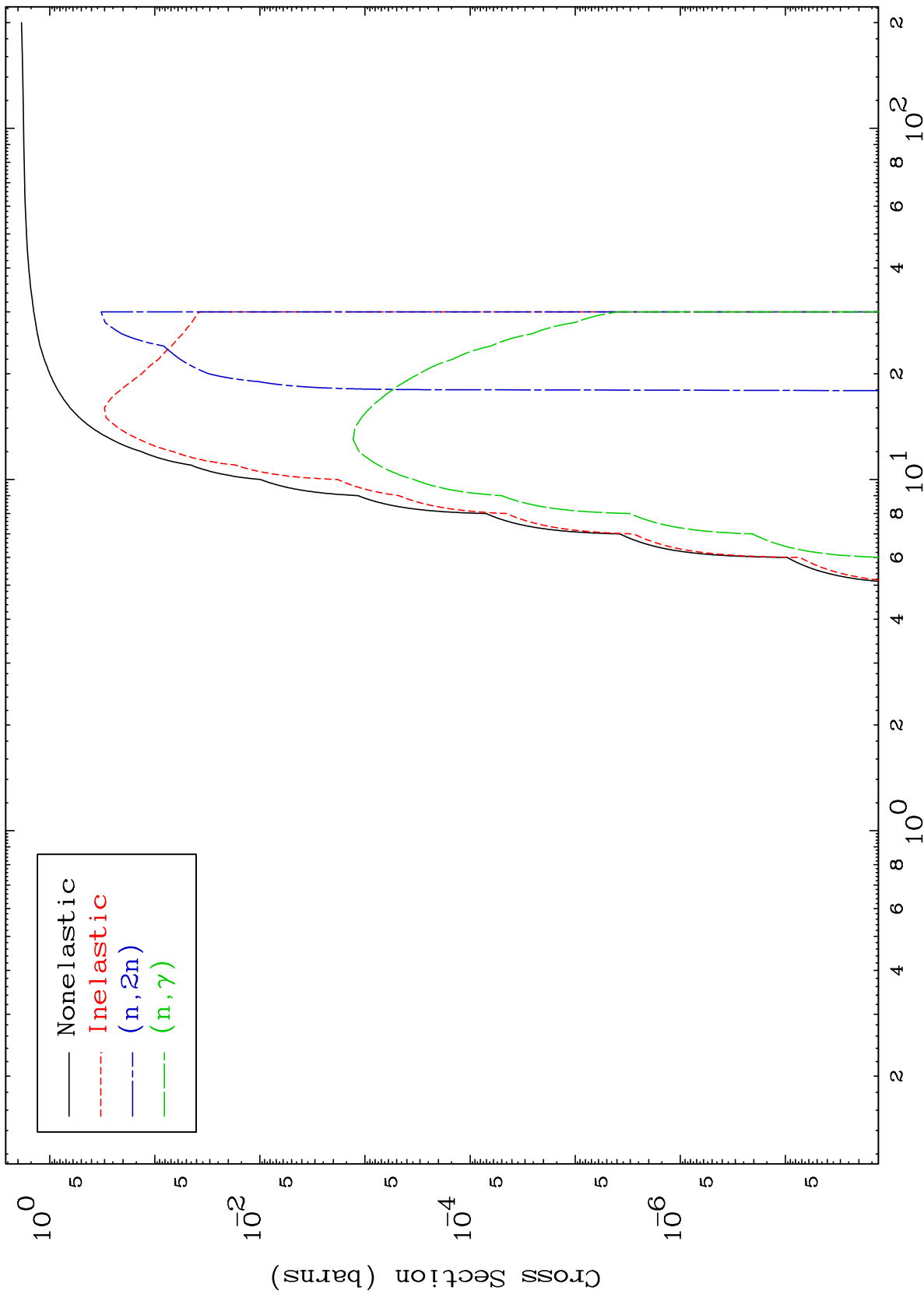
Press Mouse Button to Start

MAT 3823

α Major

38-Sr-83m

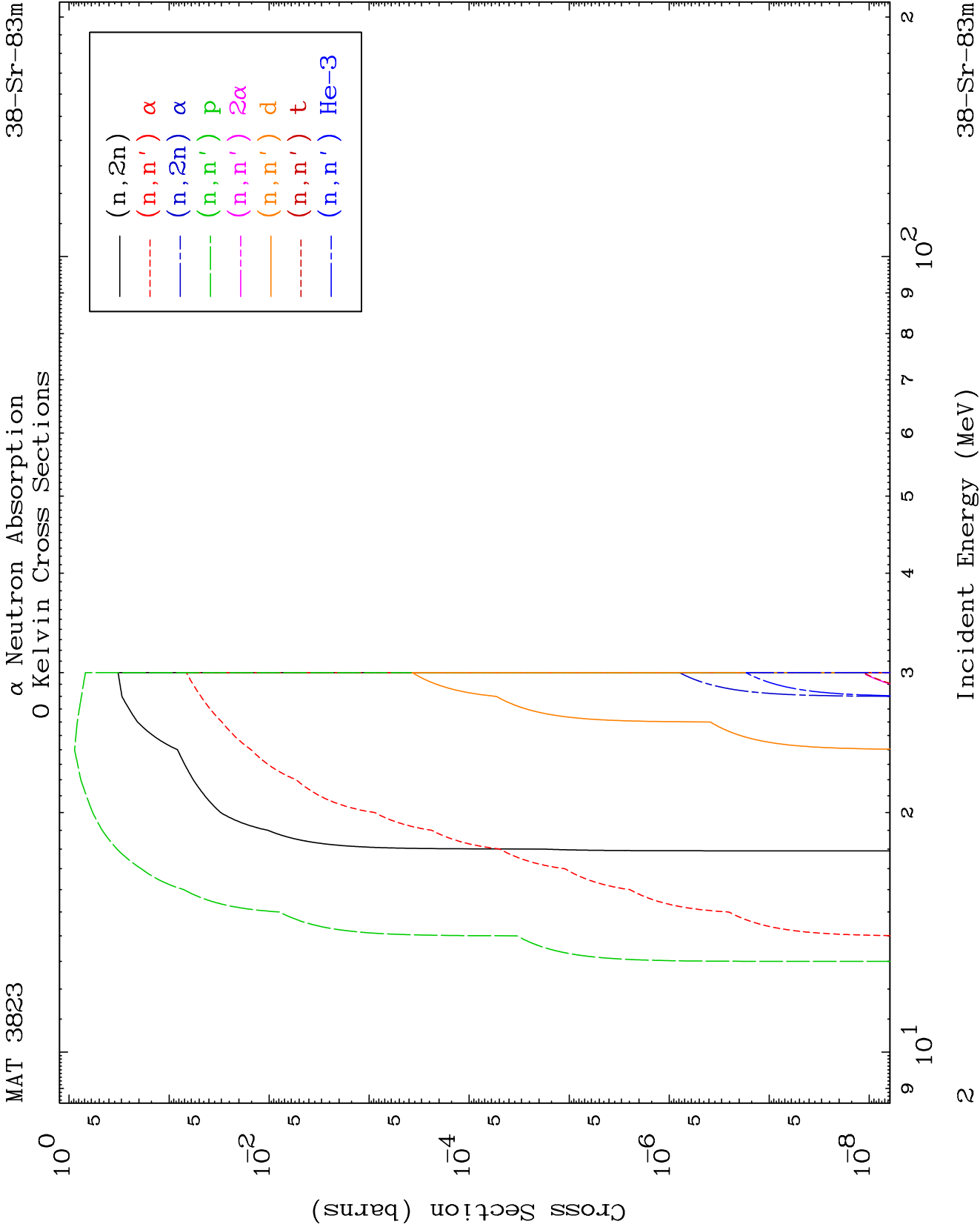
0 Kelvin Cross Sections



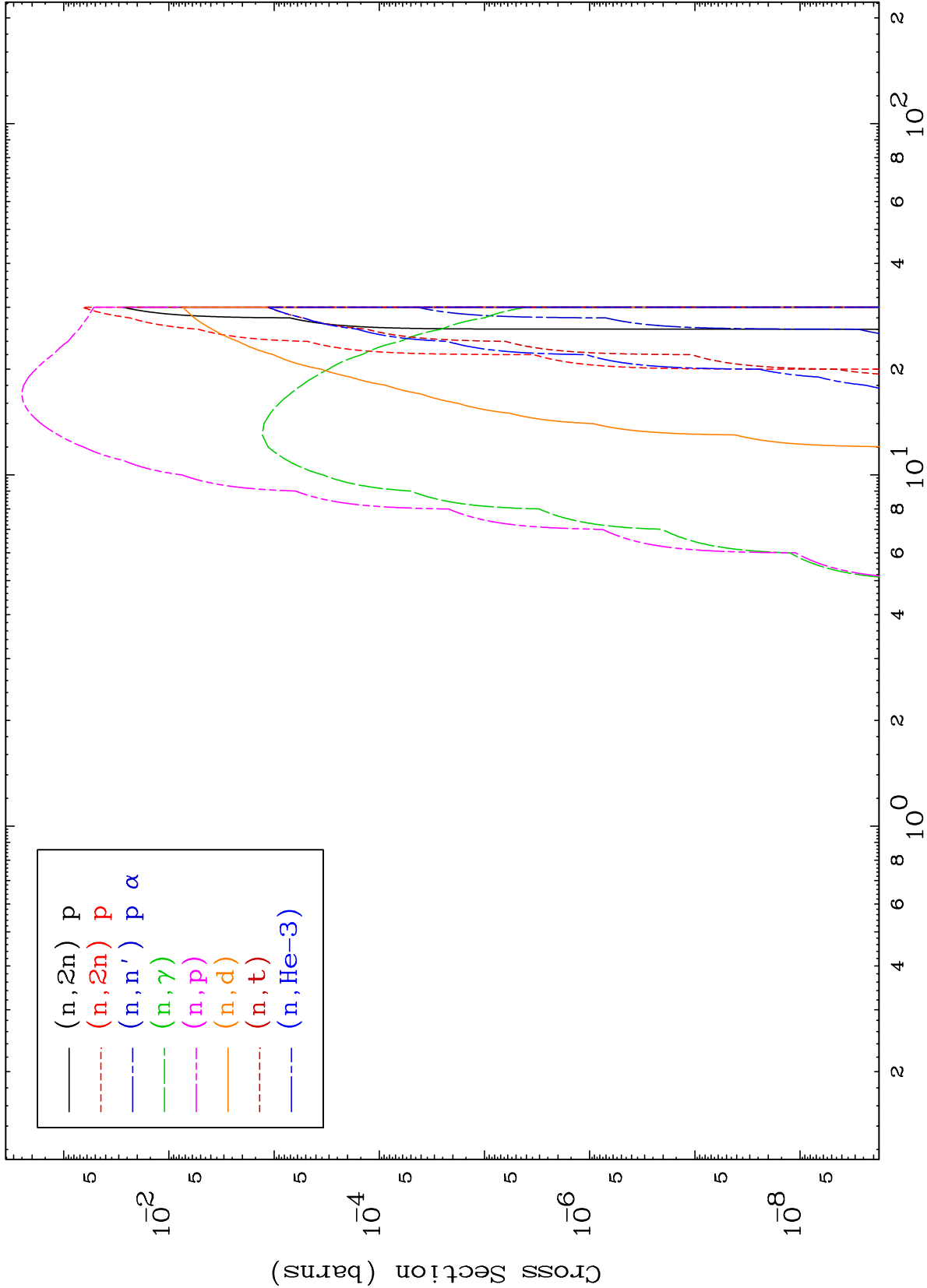
1

Incident Energy (MeV)

38-Sr-83m



0 Kelvin Cross Sections

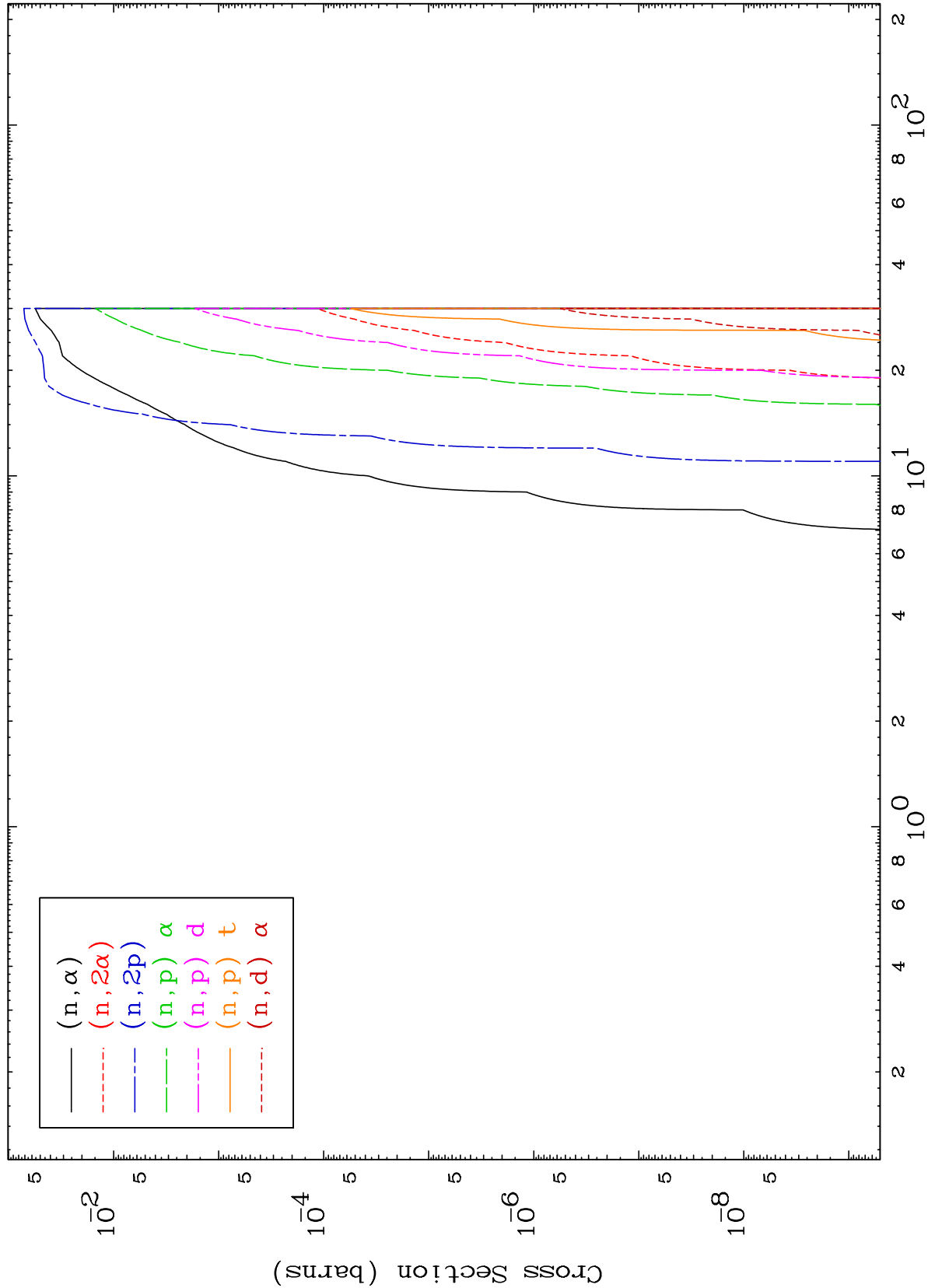


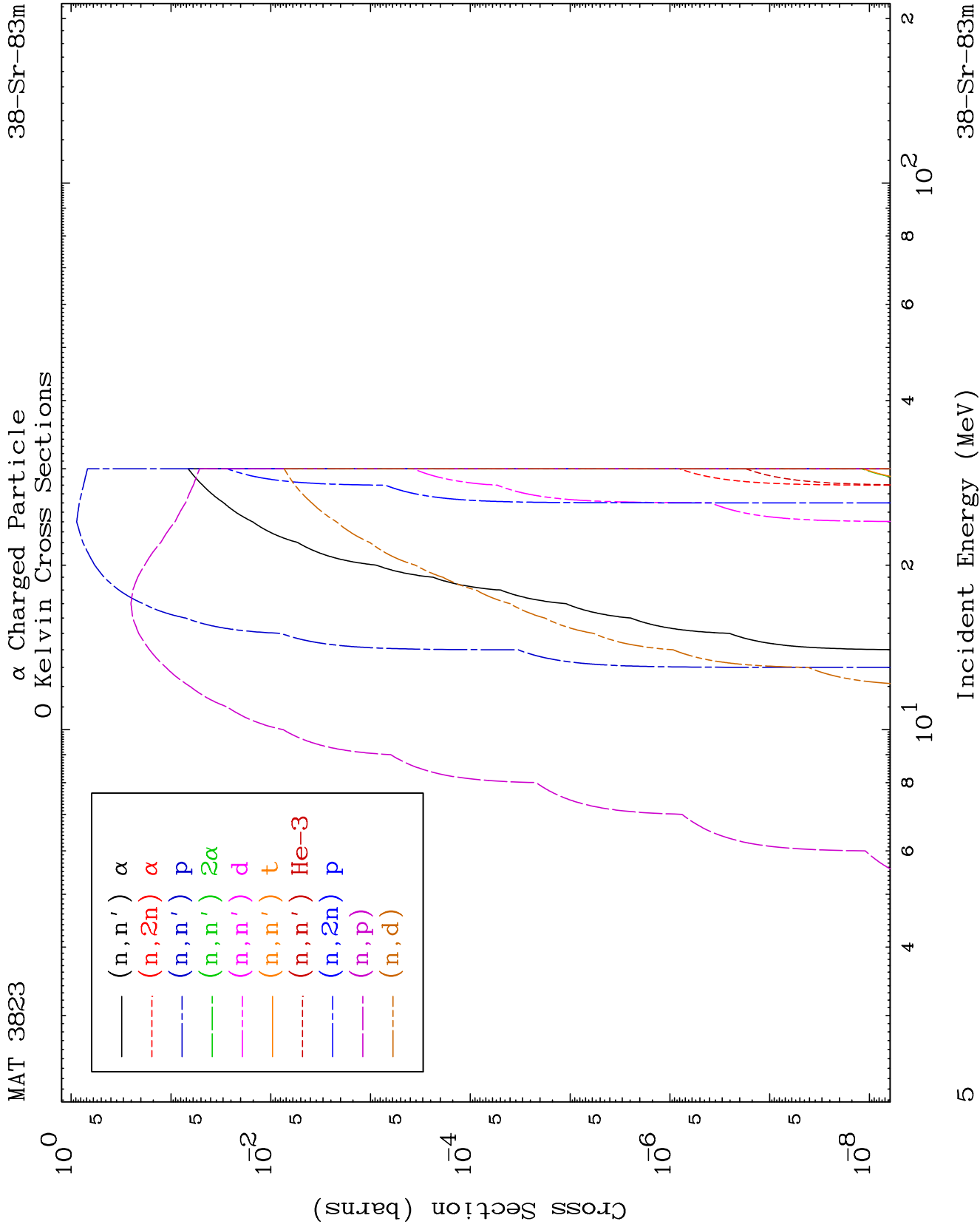
MAT 3823

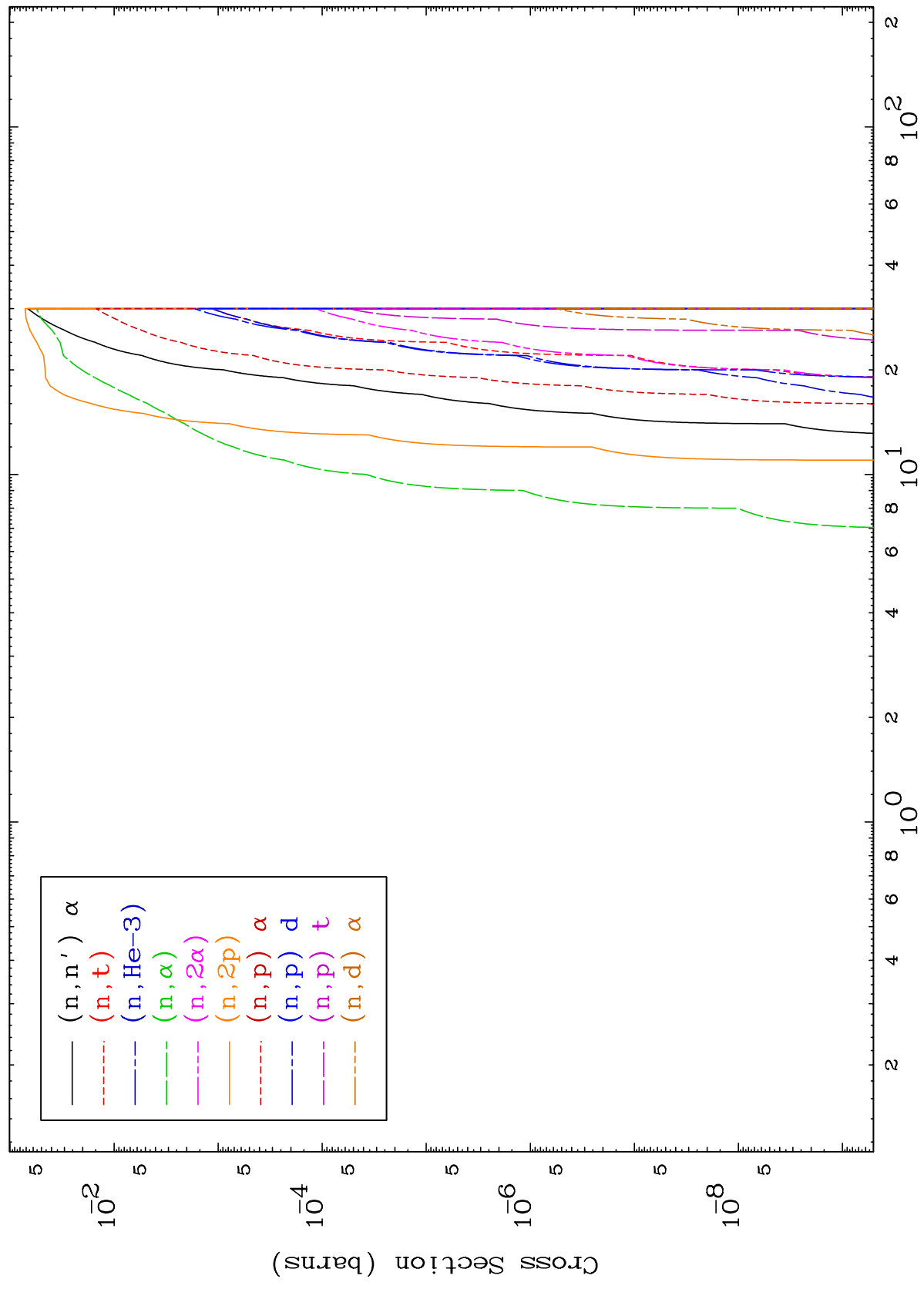
α Neutron Absorption

38-Sr-83m

0 Kelvin Cross Sections





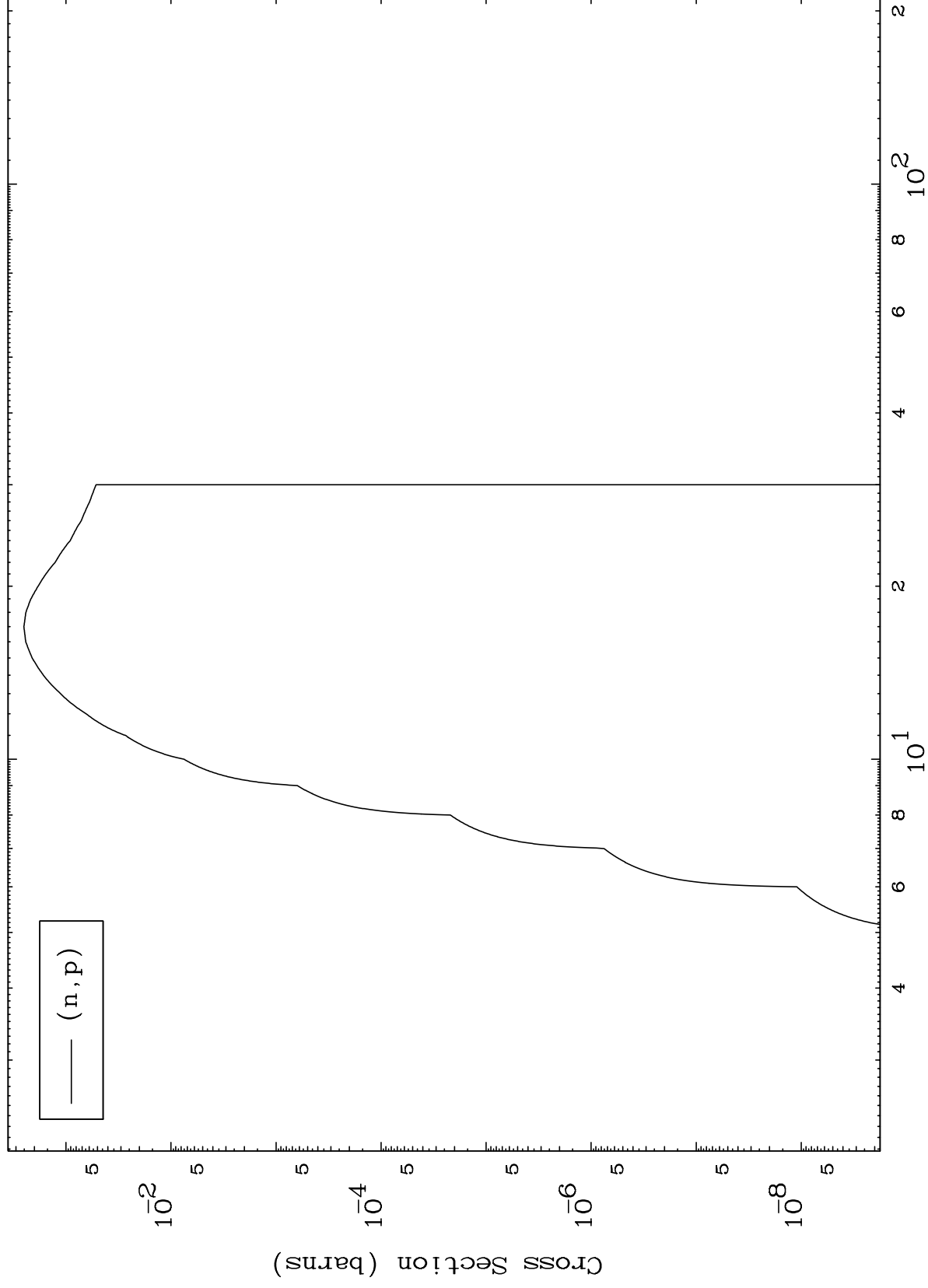


MAT 3823

(α, p) Levels

38-Sr-83m

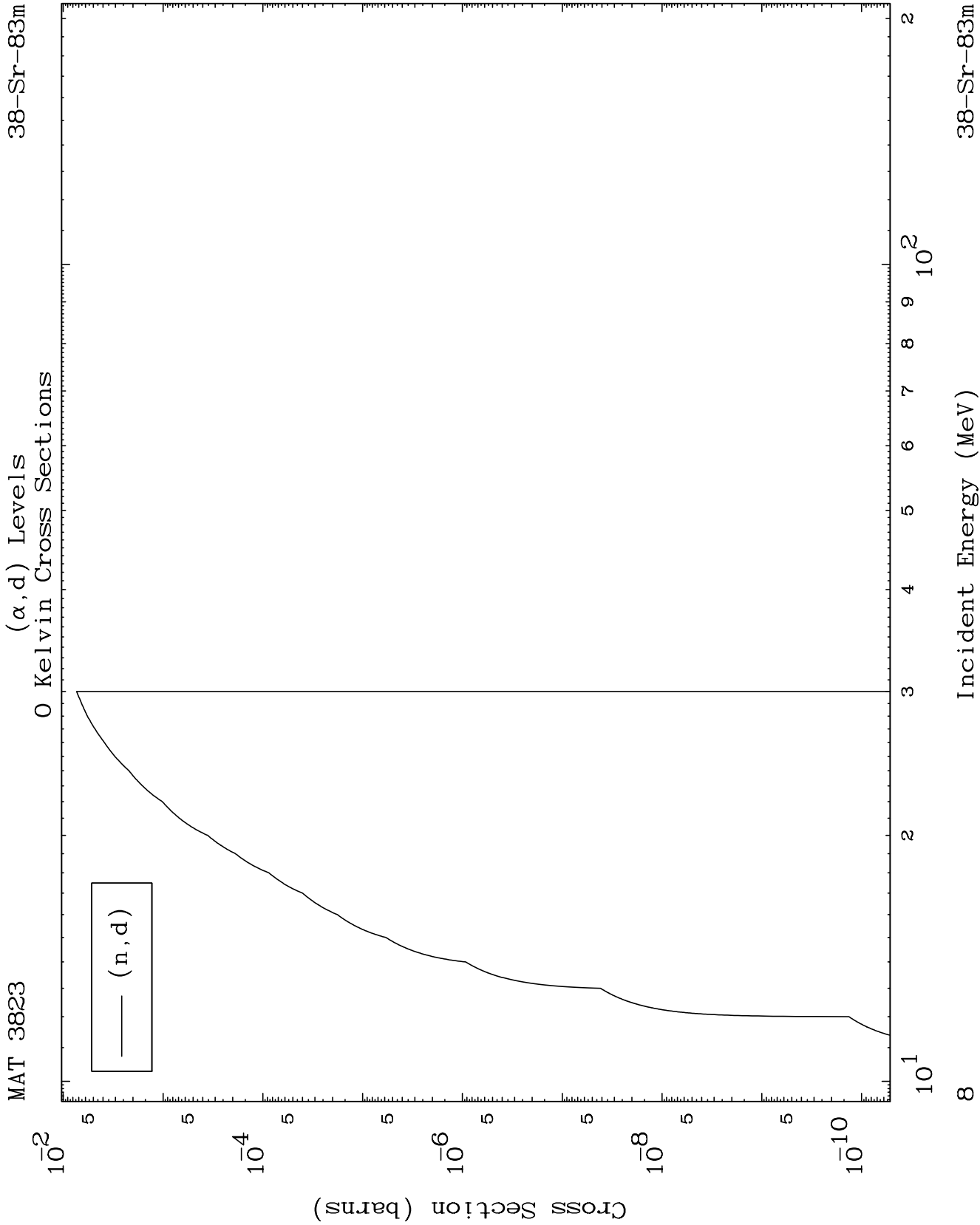
0 Kelvin Cross Sections

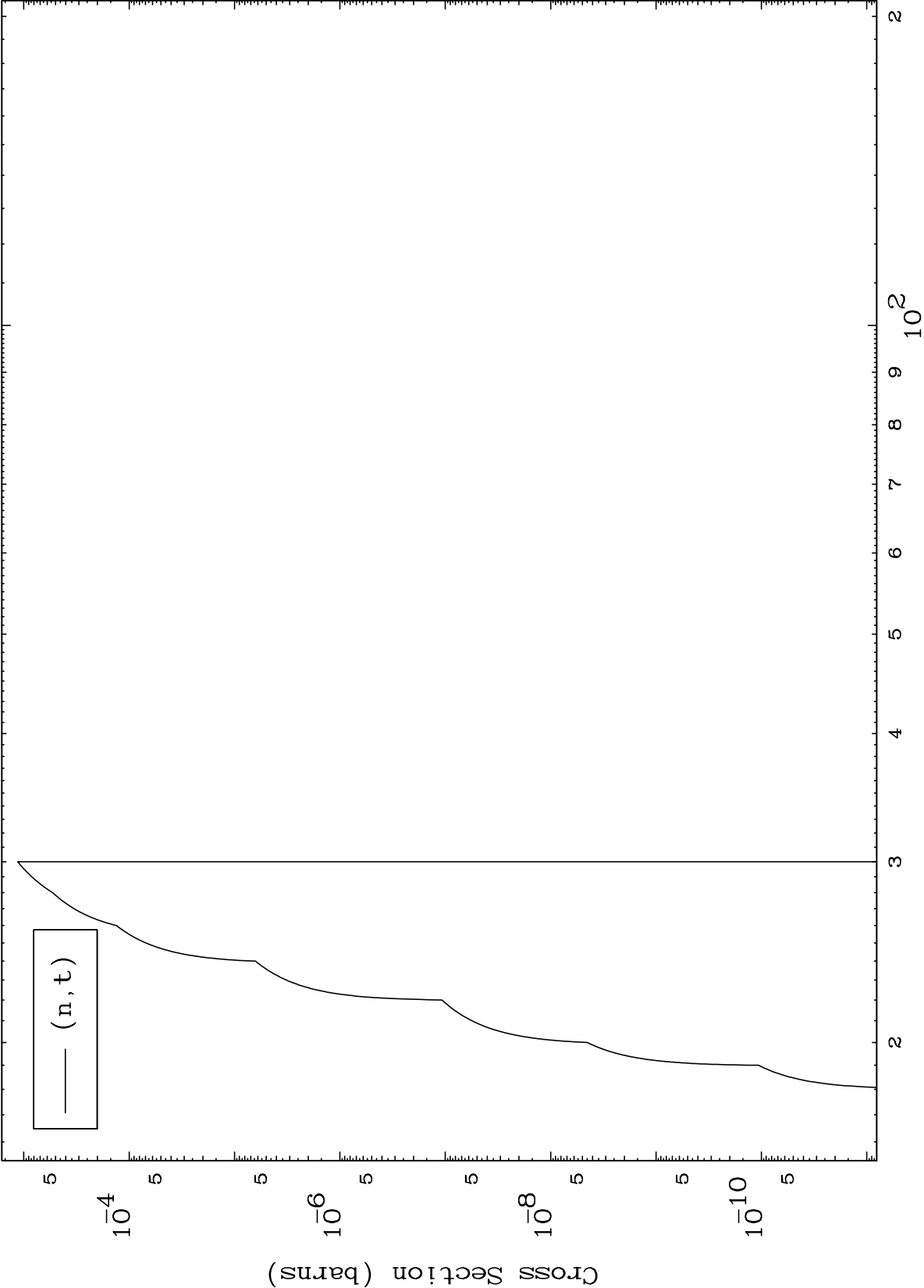


7

Incident Energy (MeV)

38-Sr-83m



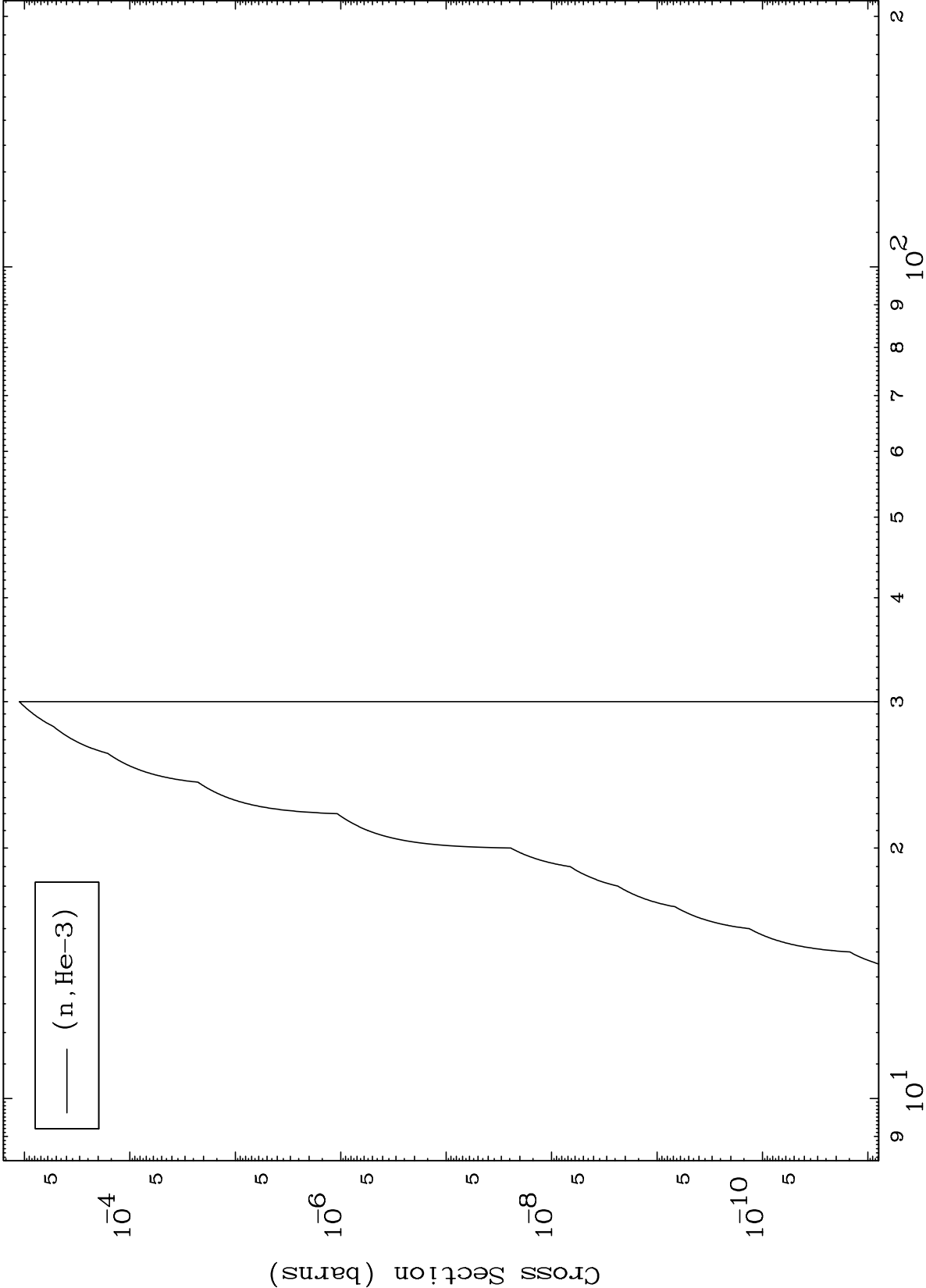


MAT 3823

(α ,He3) Levels

38-Sr-83m

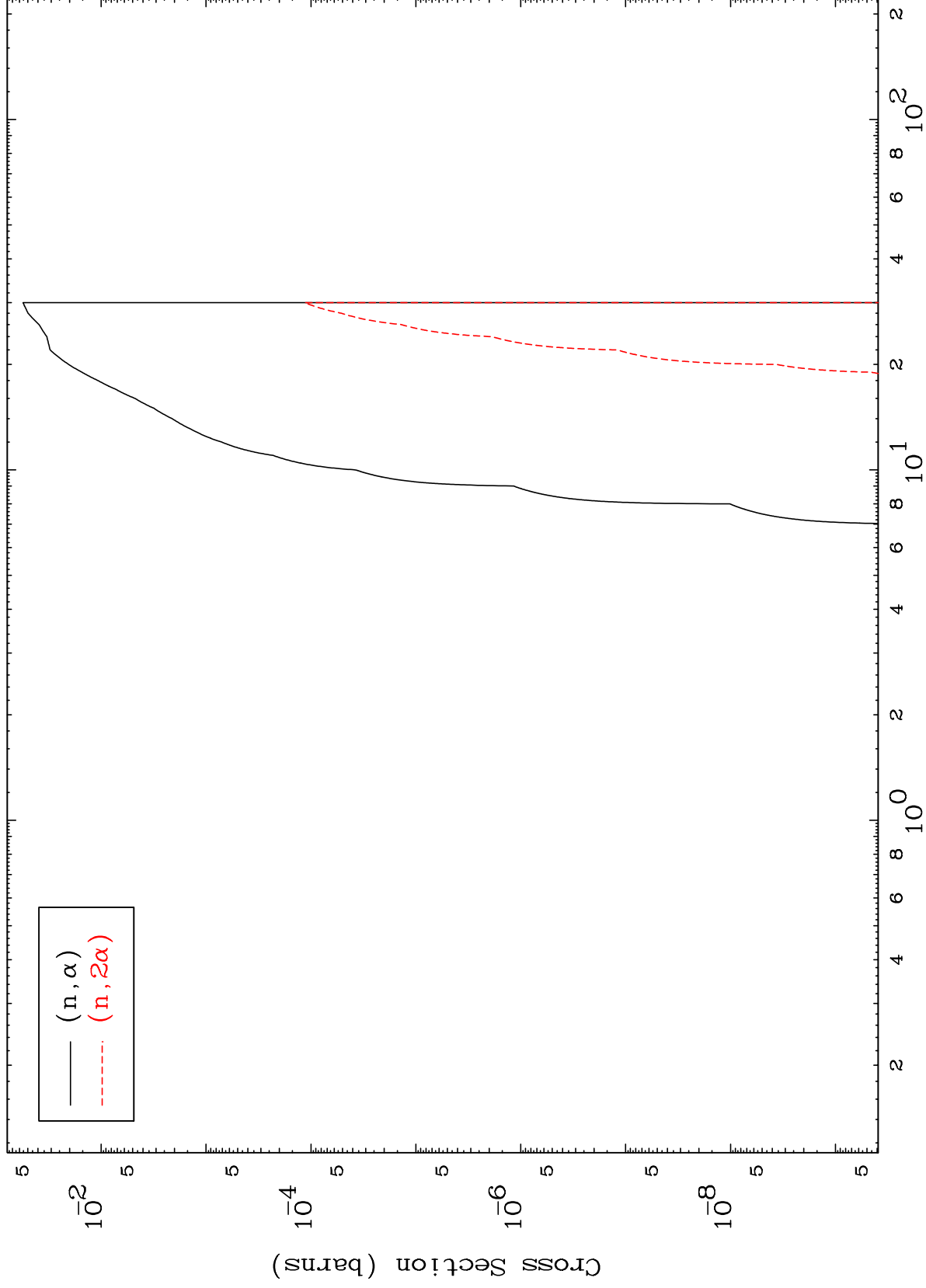
0 Kelvin Cross Sections



Incident Energy (MeV)

38-Sr-83m

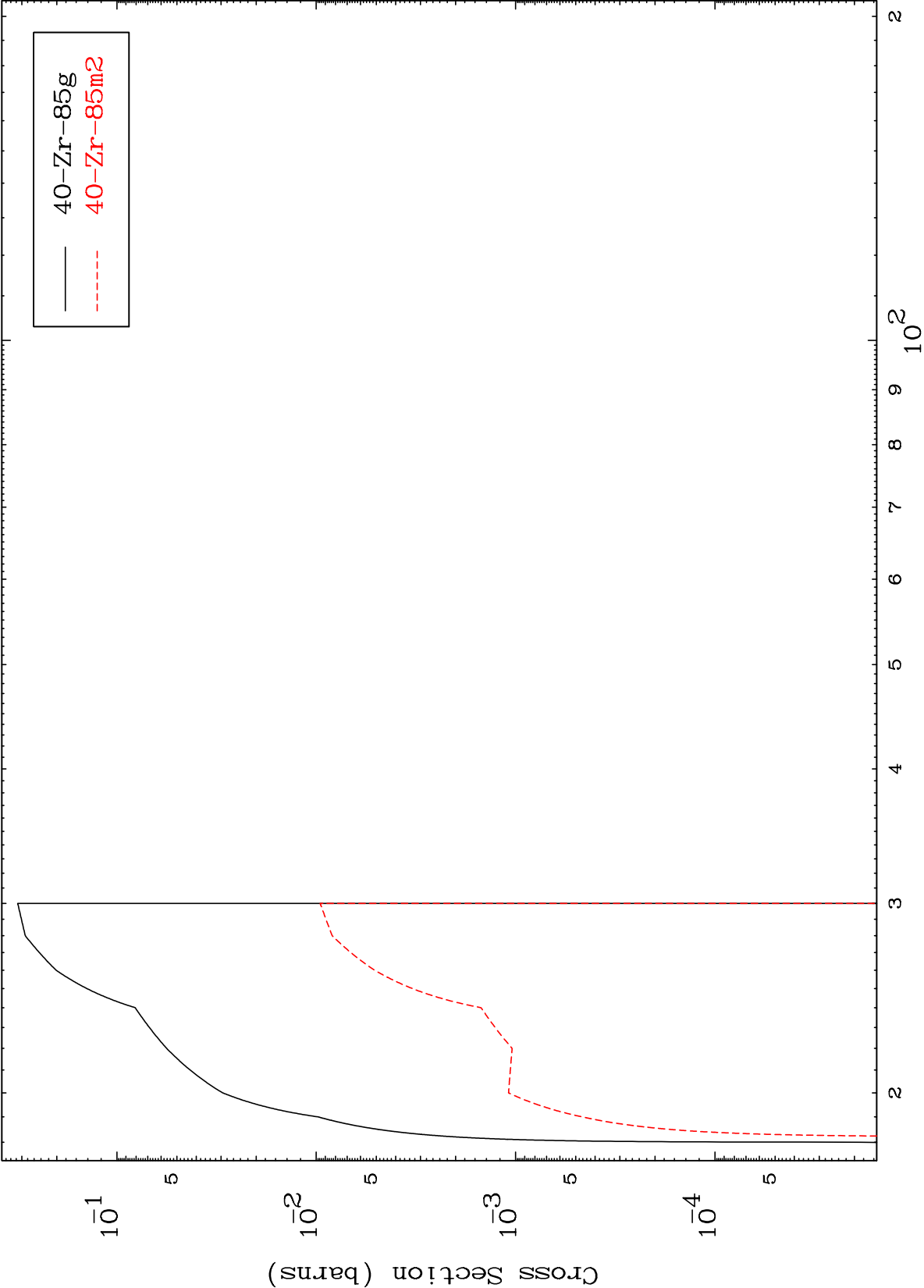
(α, α) Levels
0 Kelvin Cross Sections



MAT 3823

38-Sr-83m

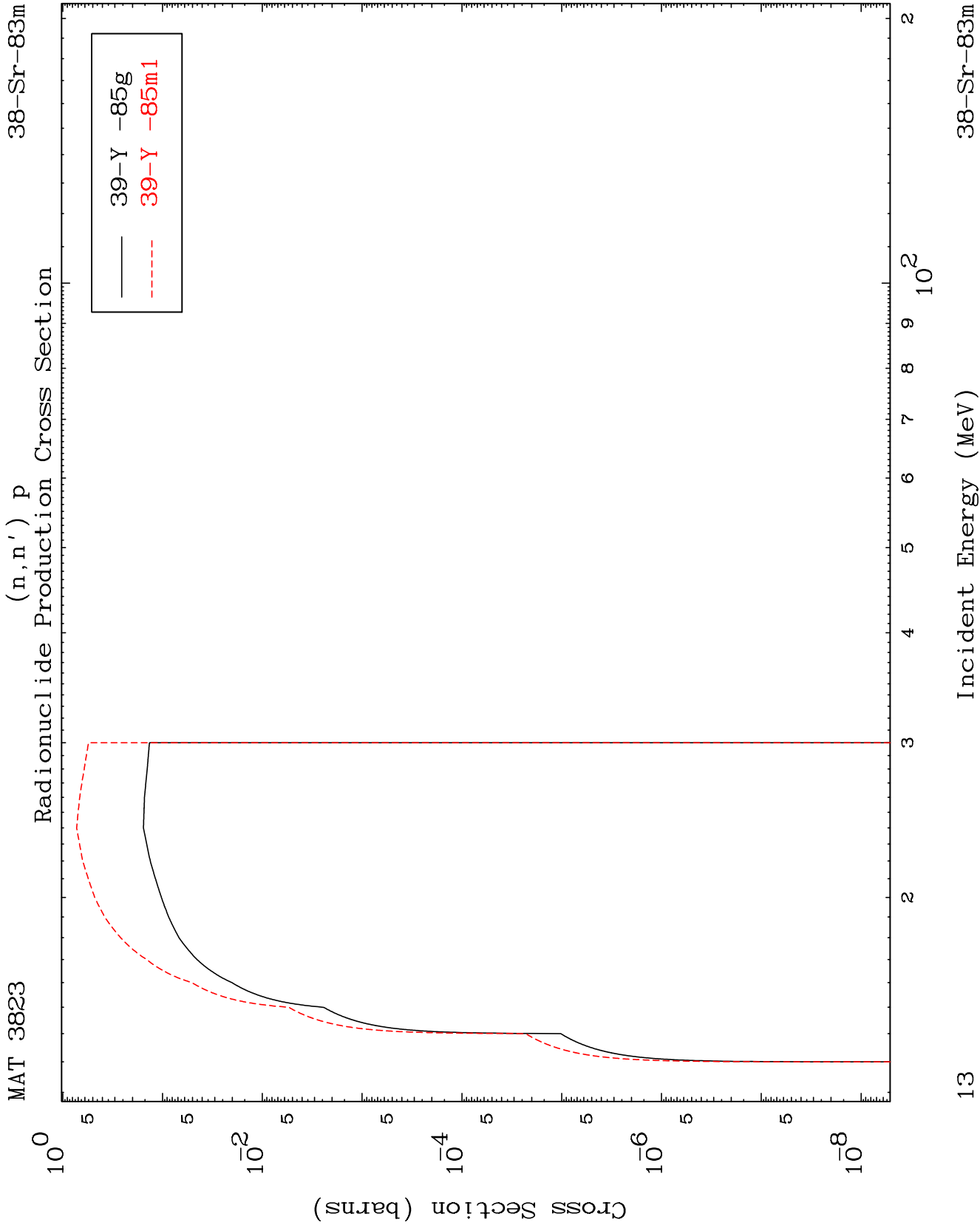
(n,2n)
Radionuclide Production Cross Section



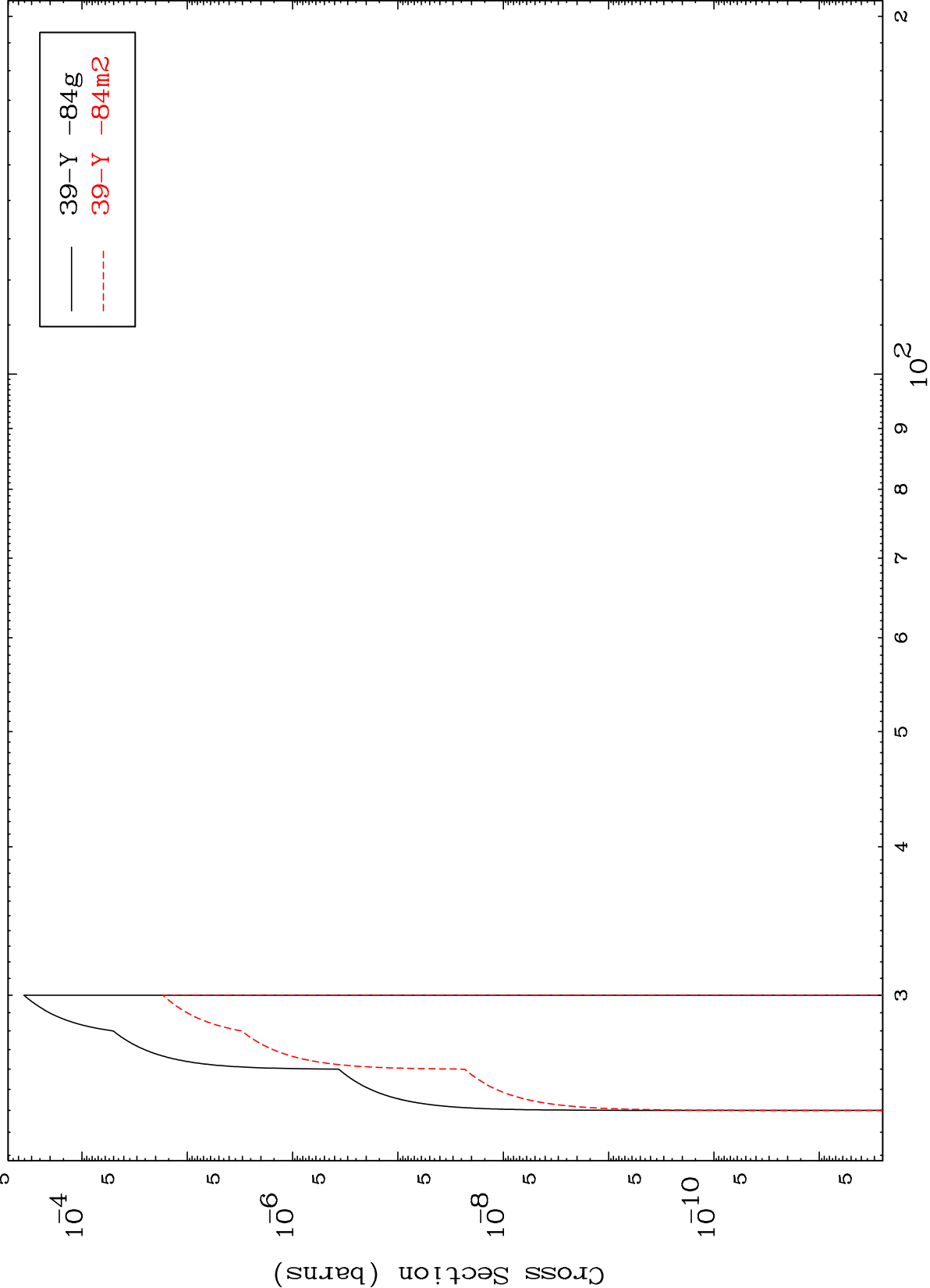
12

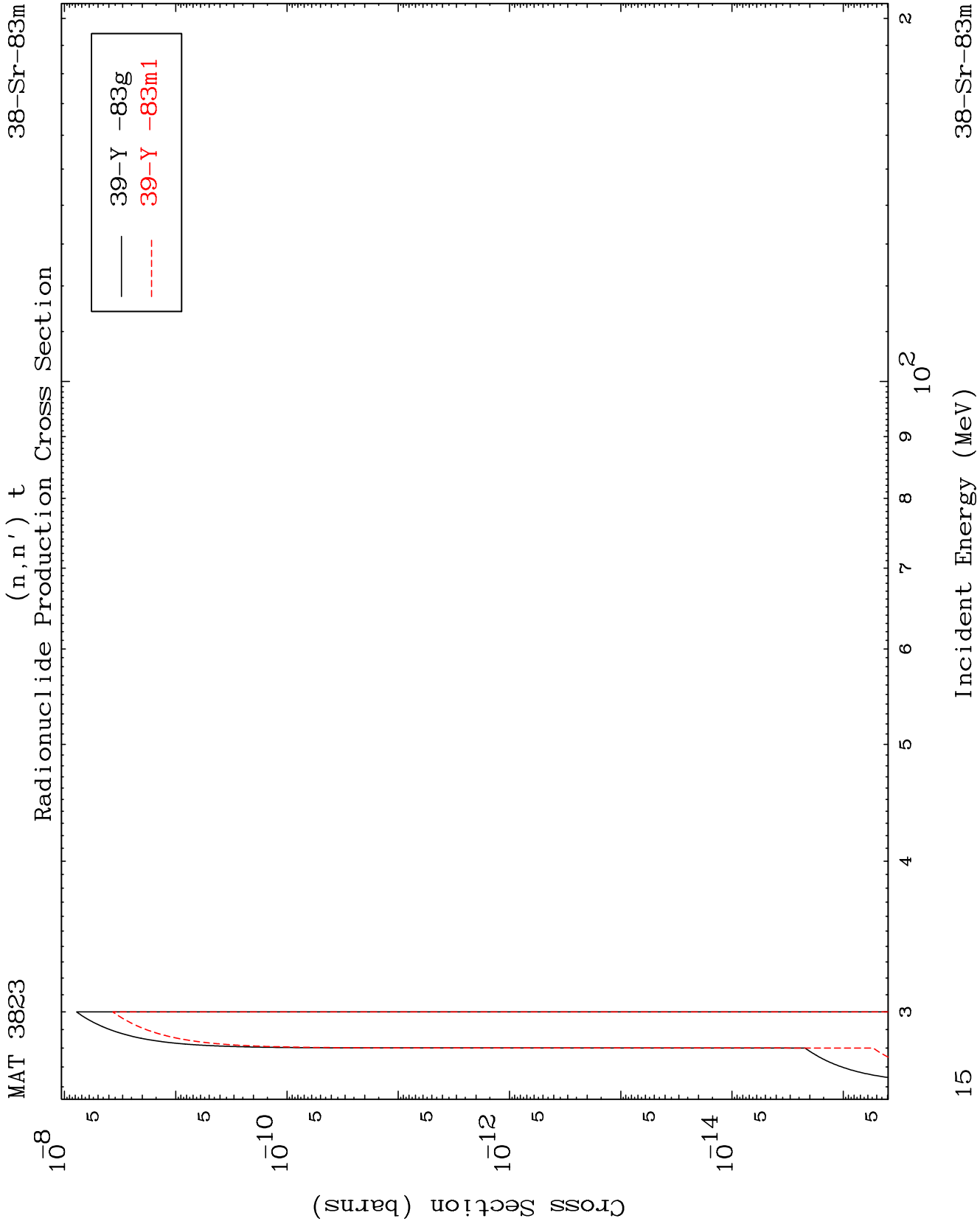
Incident Energy (MeV)

38-Sr-83m

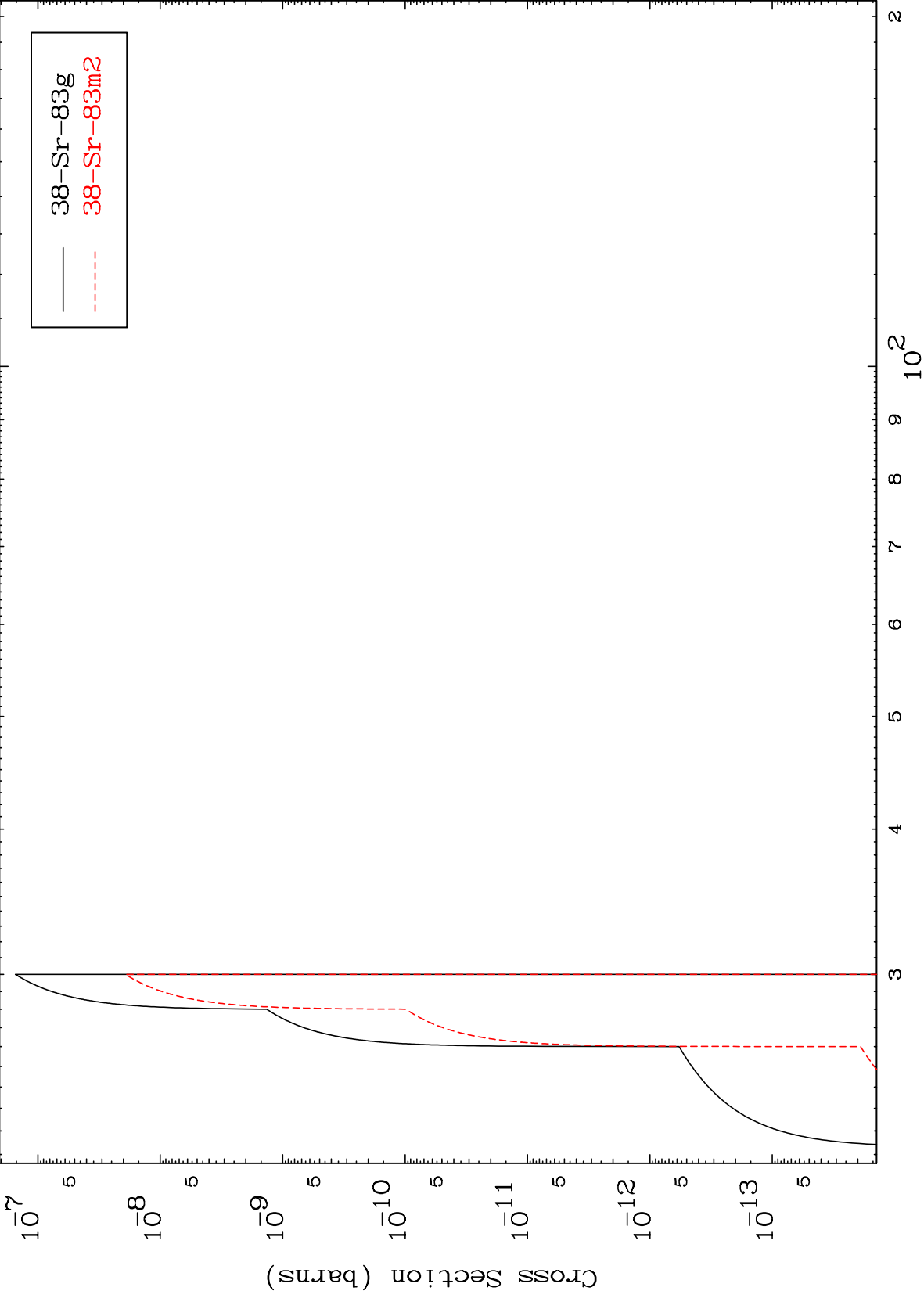


(n,n') d
Radionuclide Production Cross Section

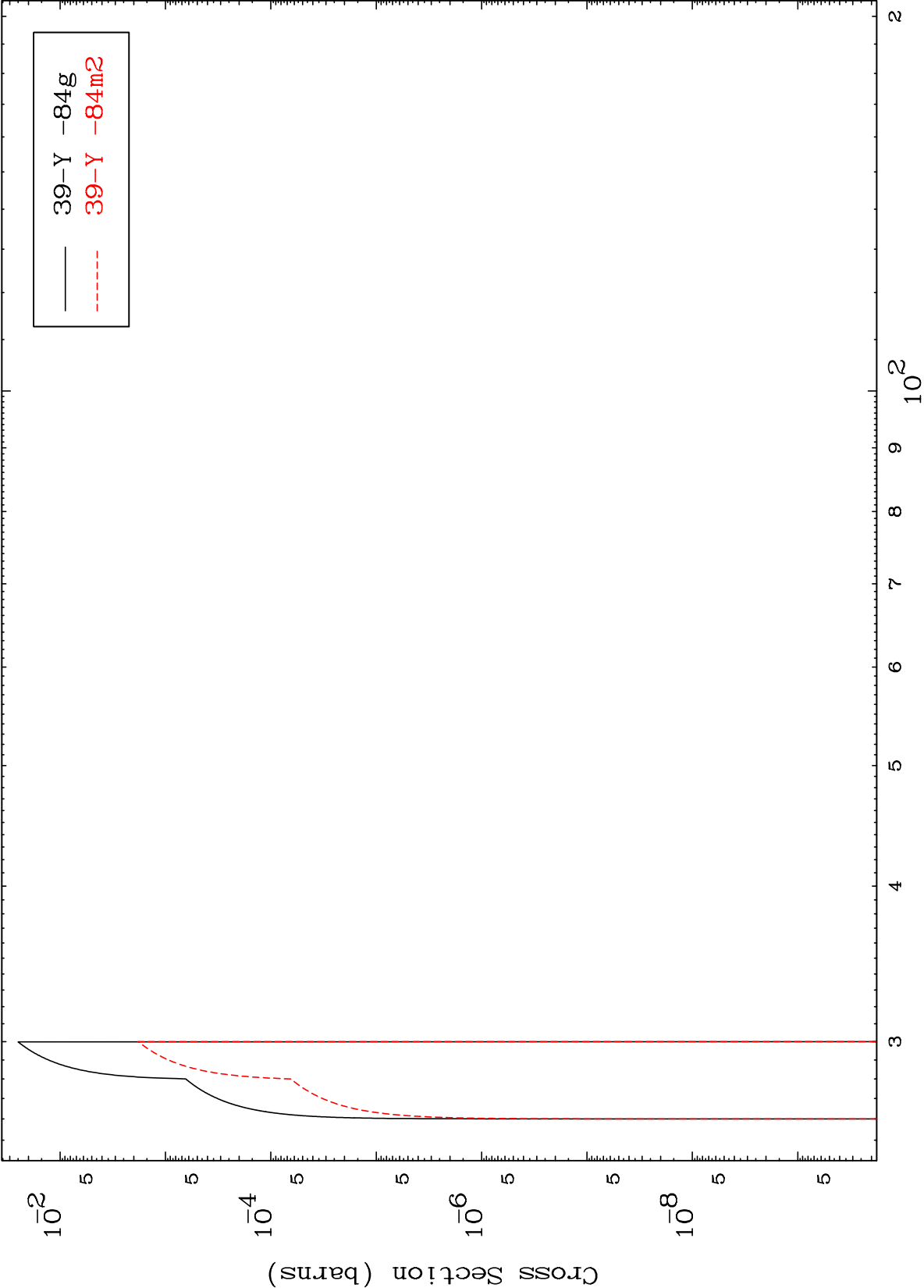




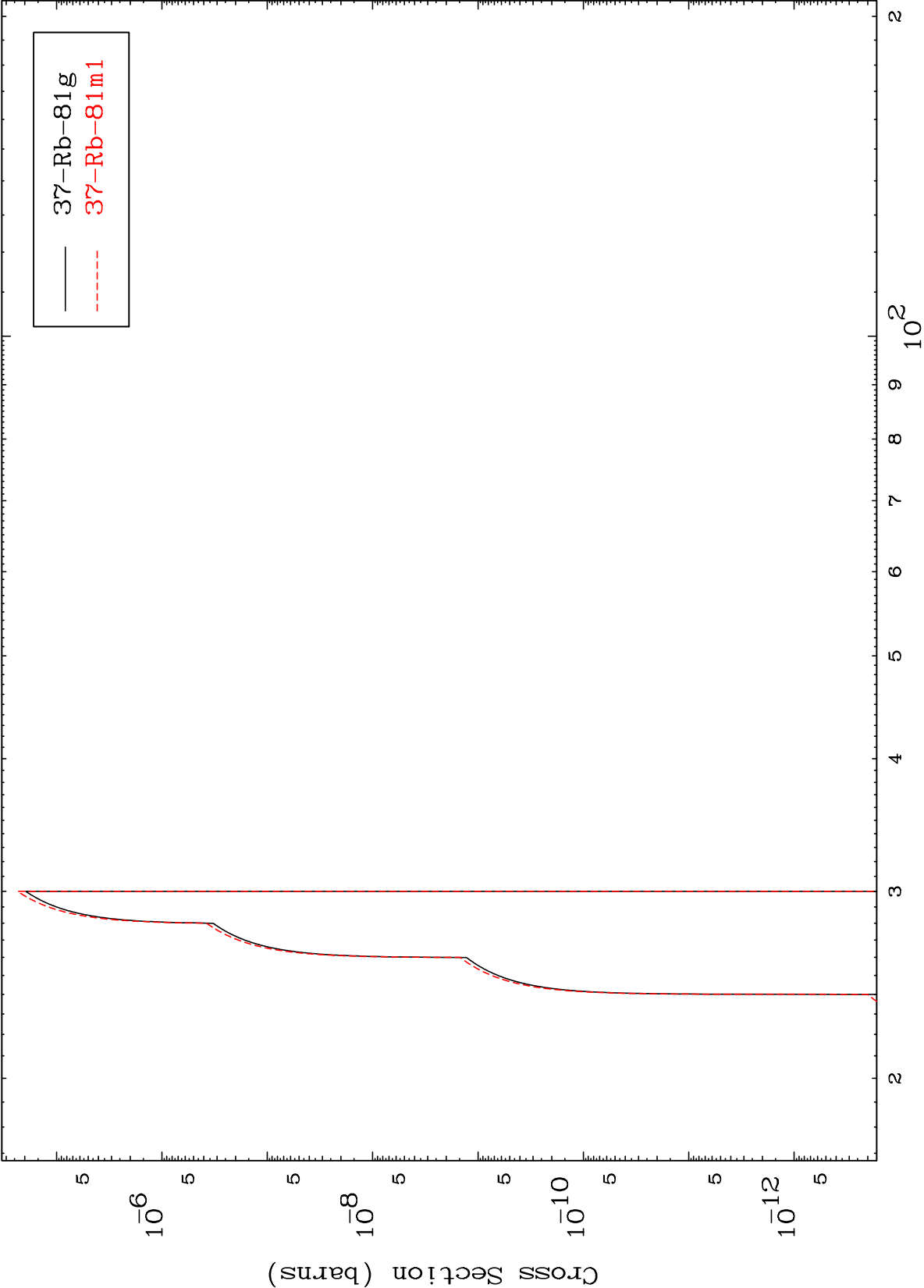
Radionuclide Production Cross Section



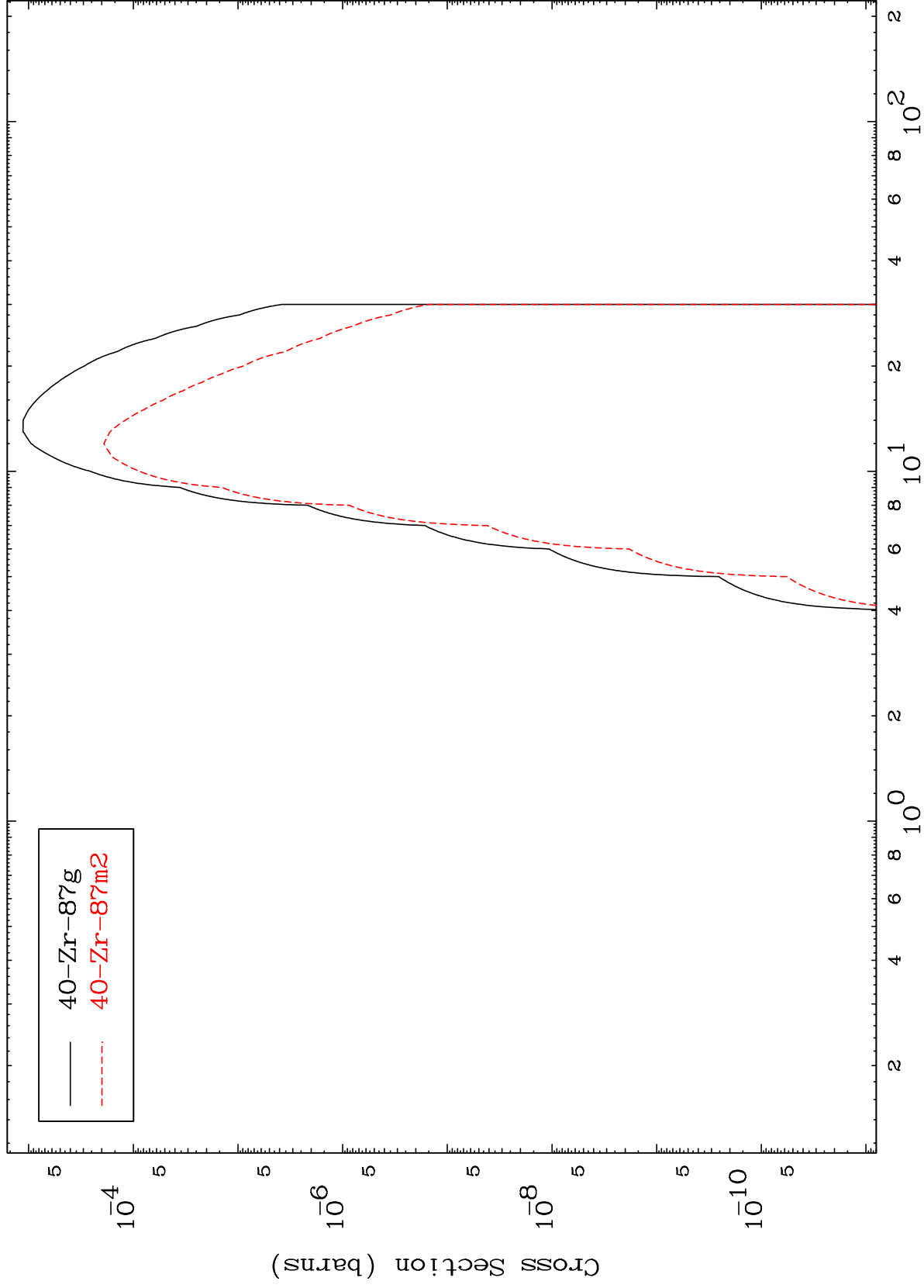
(n,2n) p
Radionuclide Production Cross Section



(n,n') p α
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, γ)

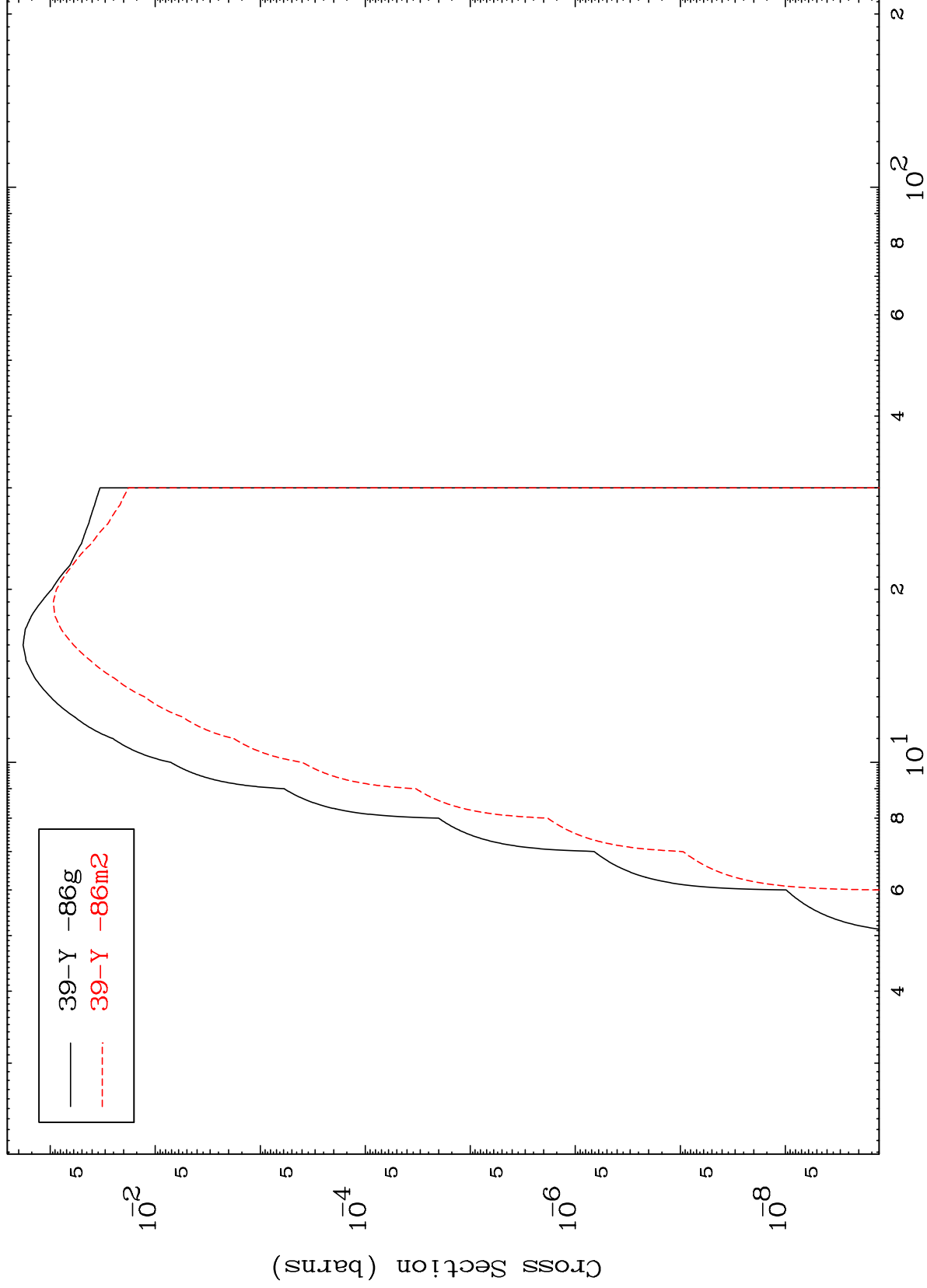


MAT 3823

38-Sr-83m

Radionuclide Production Cross Section

(n,p)

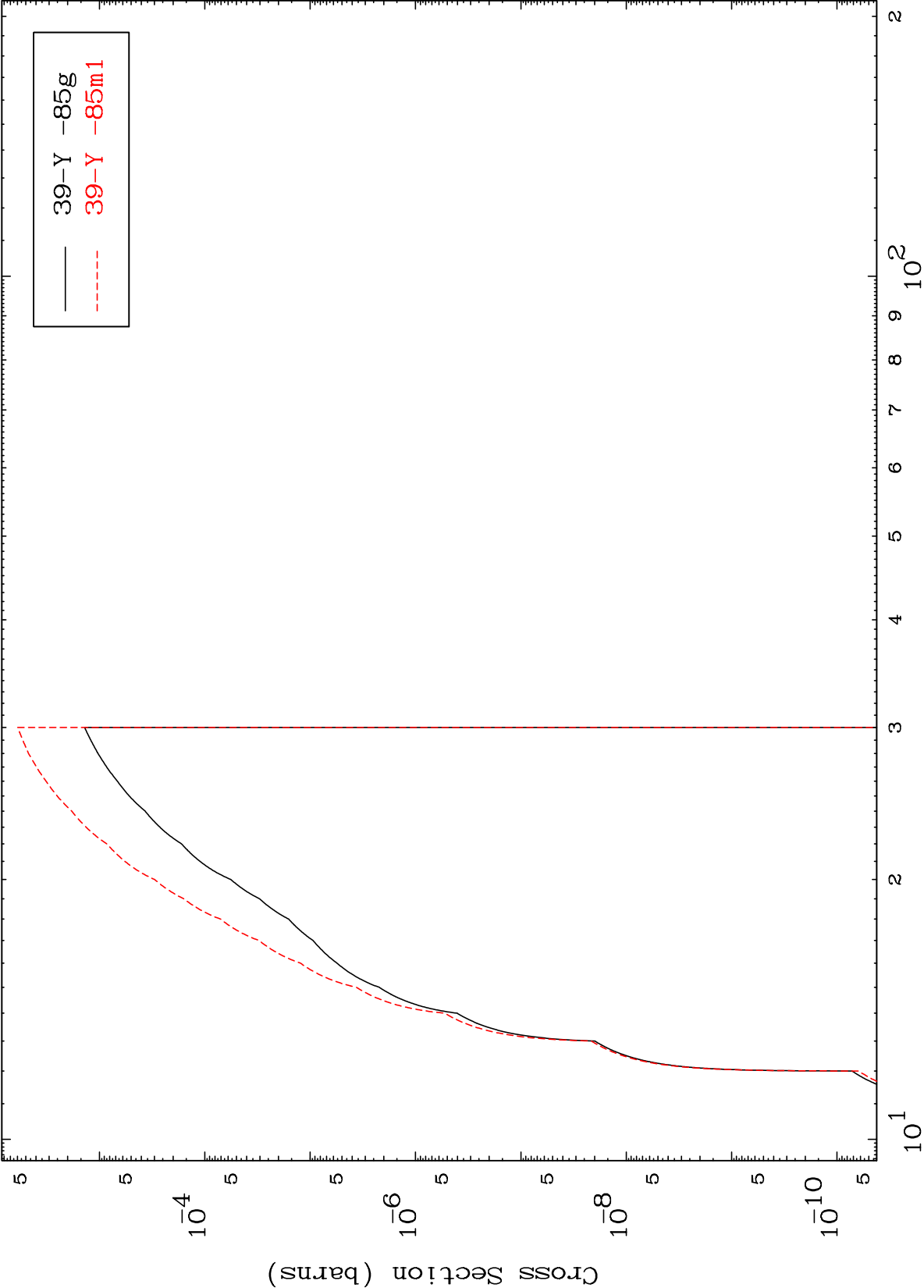


20

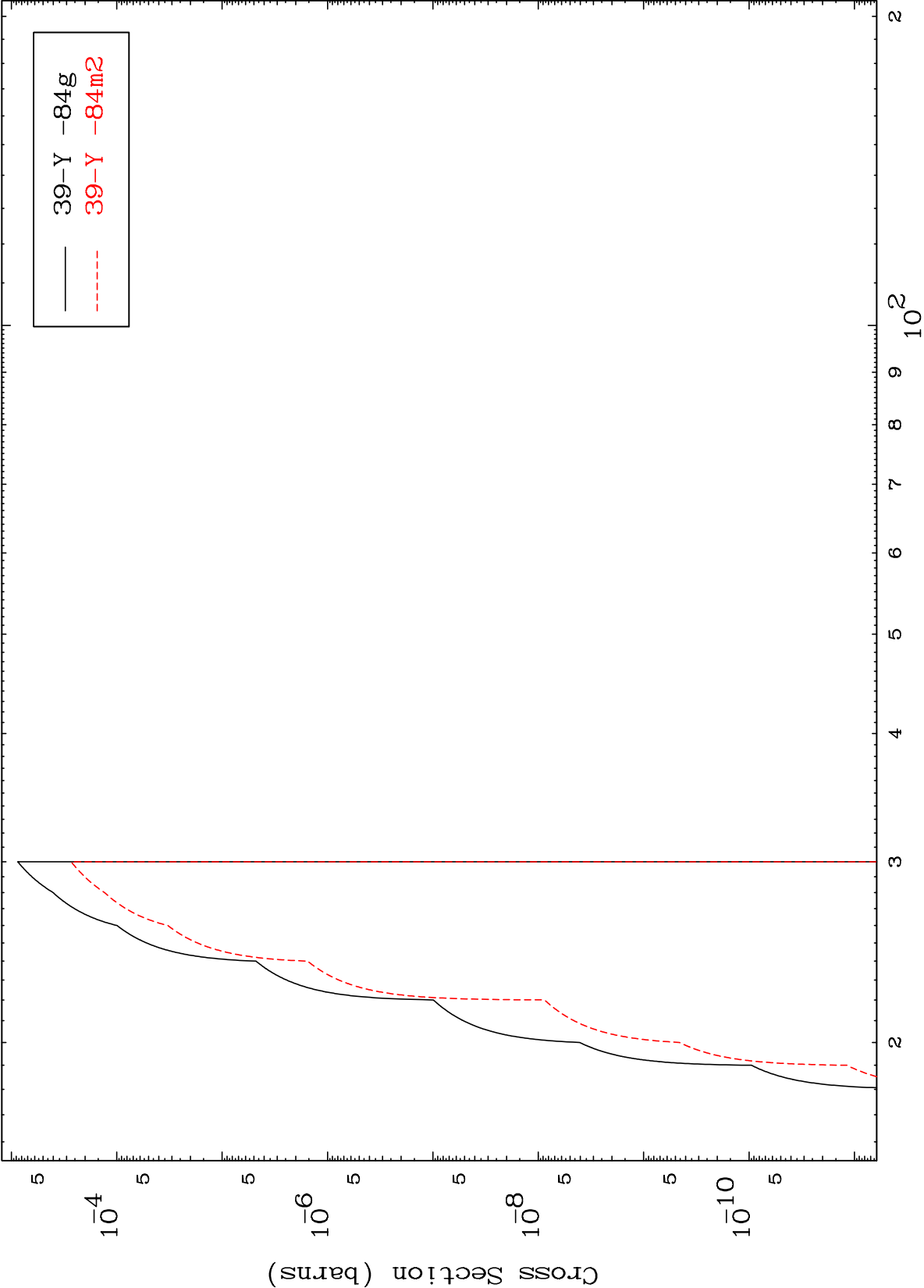
Incident Energy (MeV)

38-Sr-83m

(n,d)
Radionuclide Production Cross Section



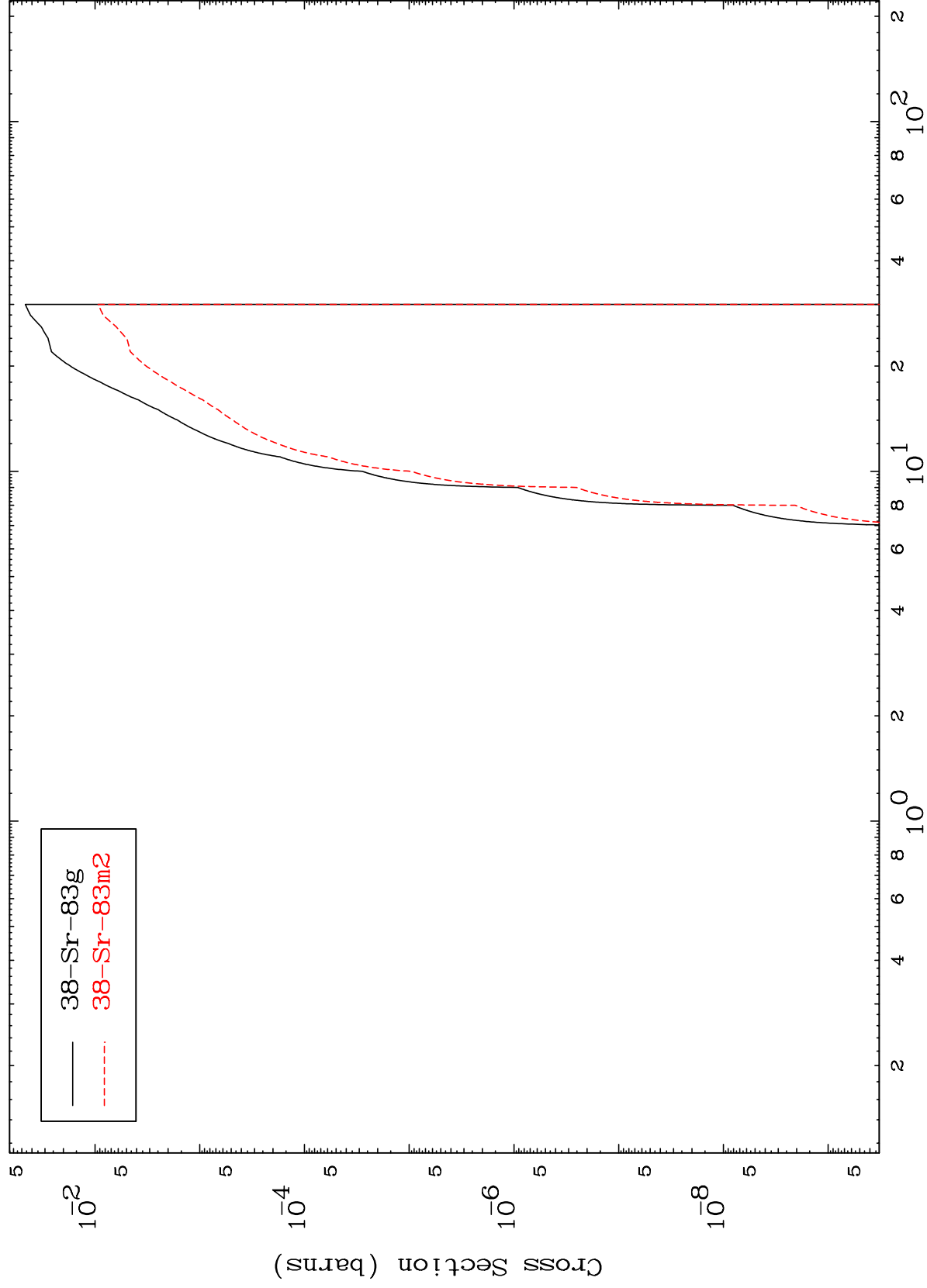
(n,t)
Radionuclide Production Cross Section



MAT 3823

38-Sr-83m

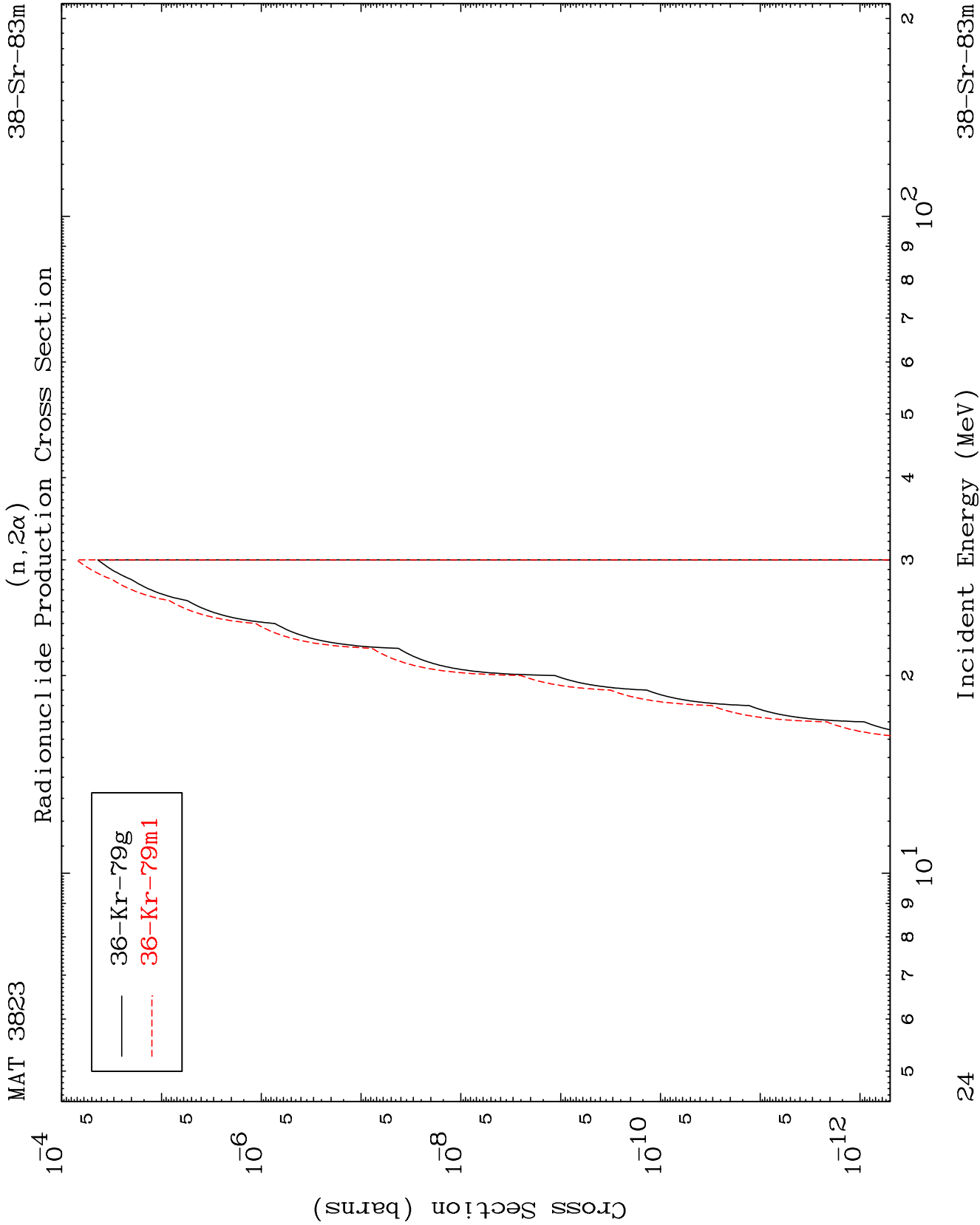
Radionuclide Production Cross Section
(n, α)



23

Incident Energy (MeV)

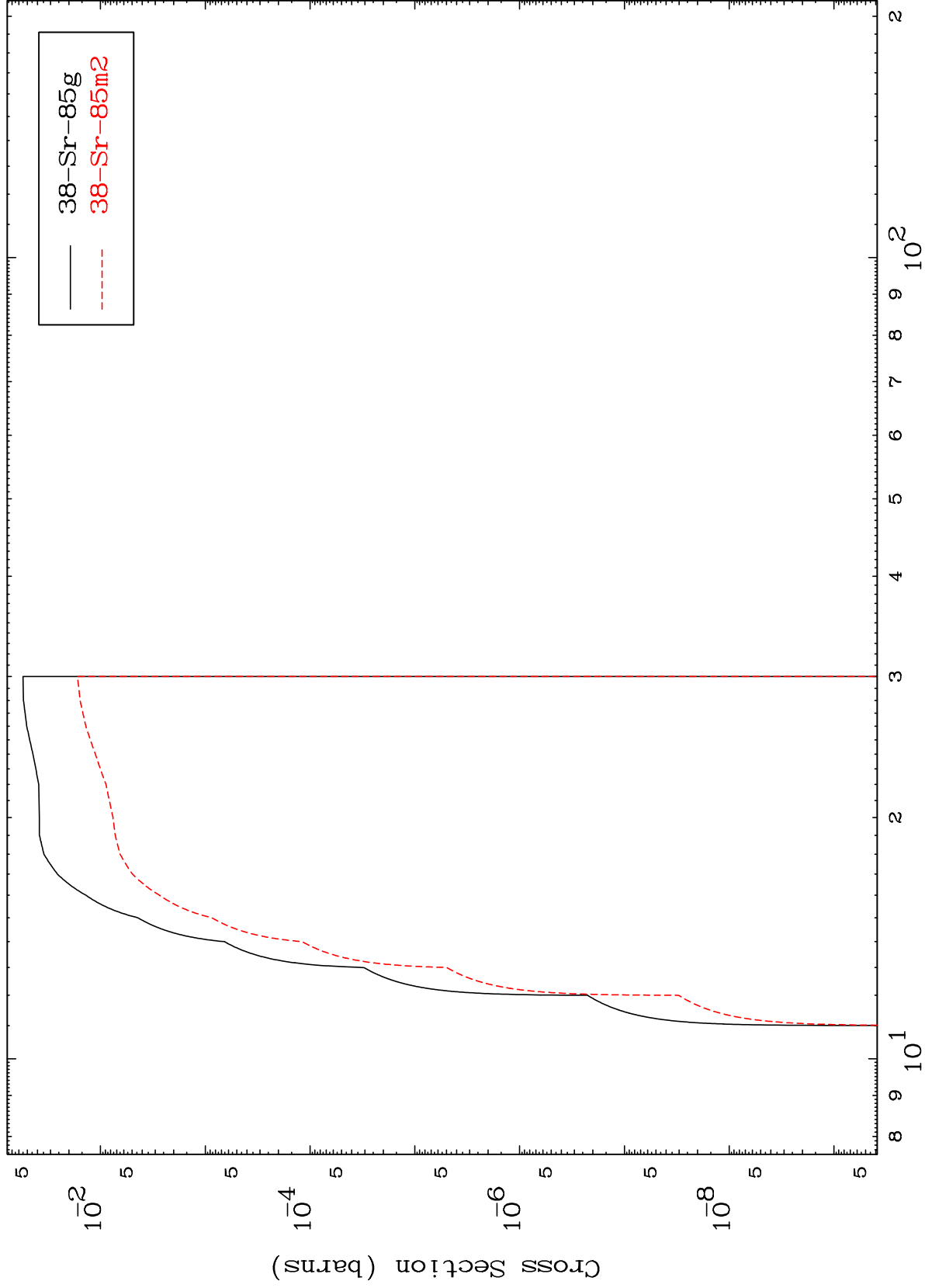
38-Sr-83m



MAT 3823

38-Sr-83m

(n,2p)
Radionuclide Production Cross Section



38-Sr-83m

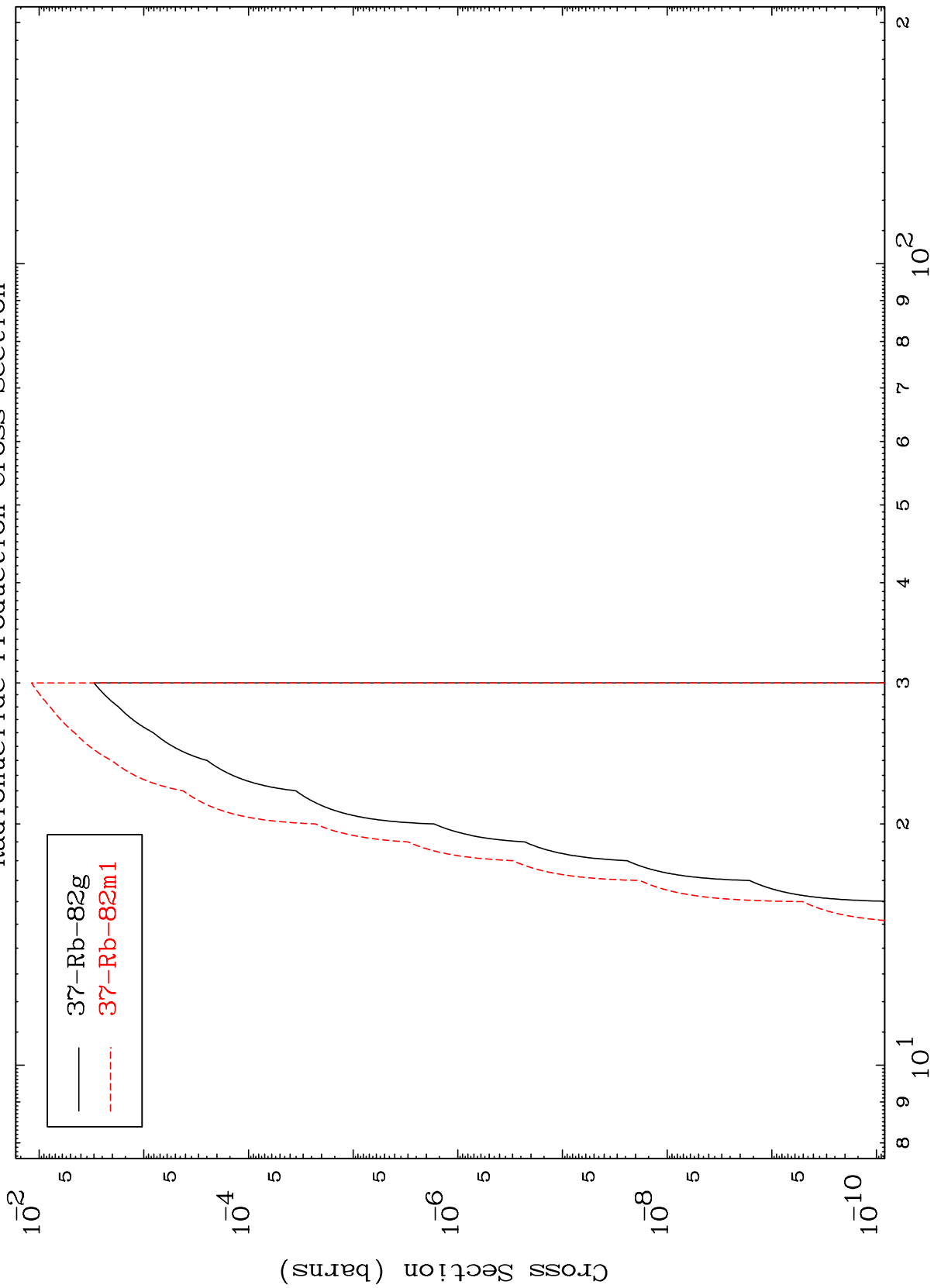
Incident Energy (MeV)

25

MAT 3823

38-Sr-83m

(n,p) α
Radionuclide Production Cross Section

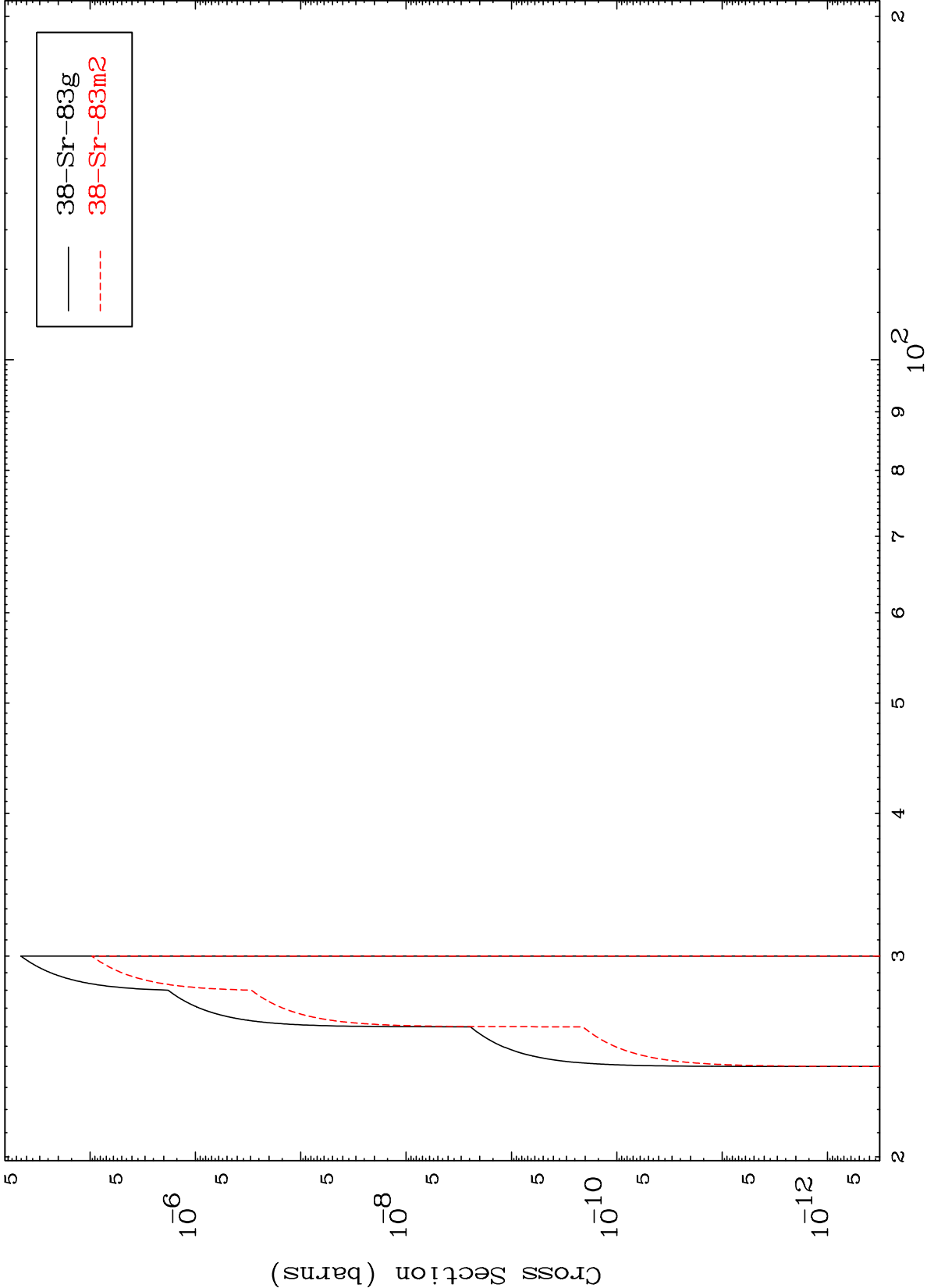


Incident Energy (MeV)

38-Sr-83m

26

Radionuclide Production Cross Section



(n,d) α
Radionuclide Production Cross Section

