

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

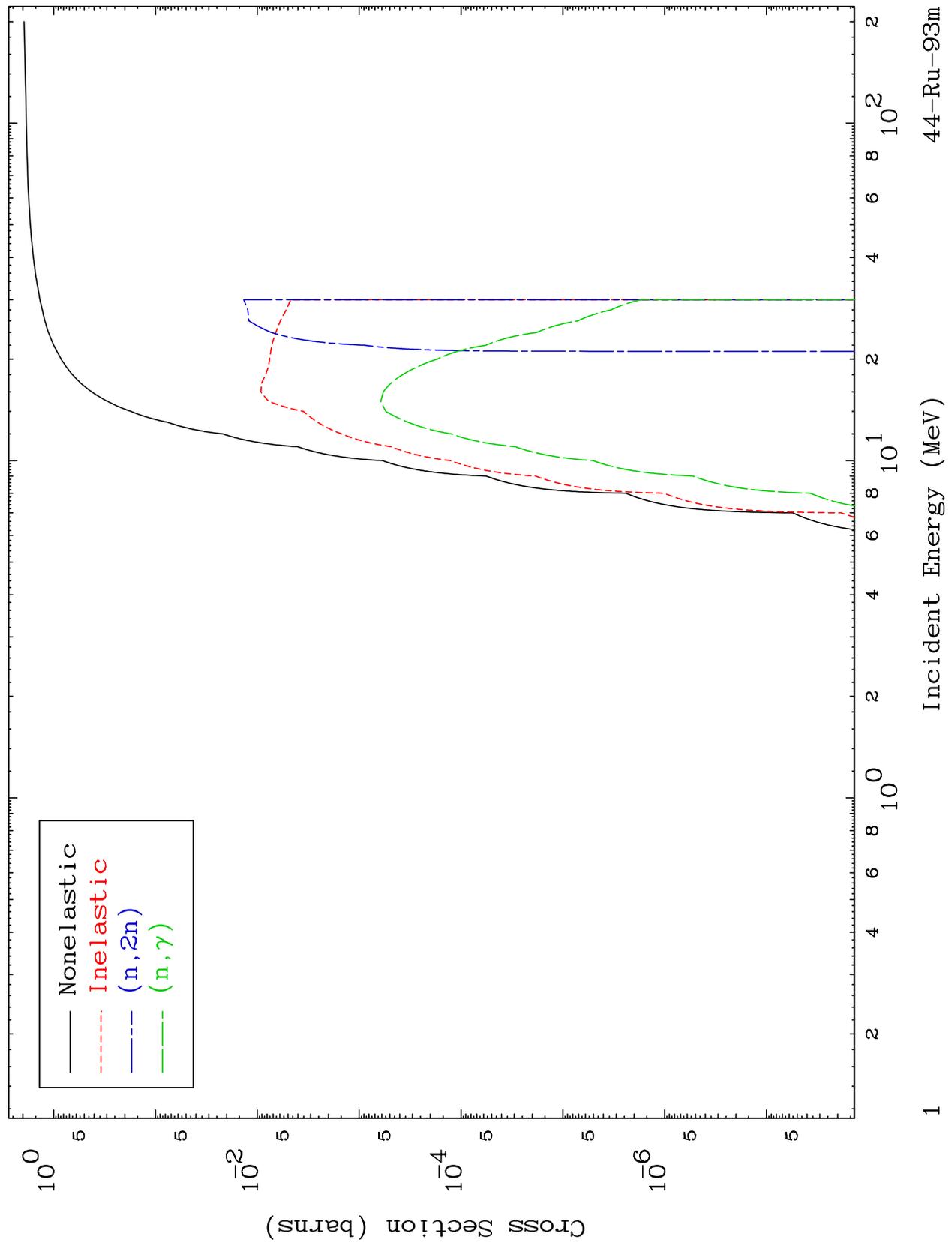
Press Mouse Button to Start

MAT 4417

0 Kelvin

α Major Cross Sections

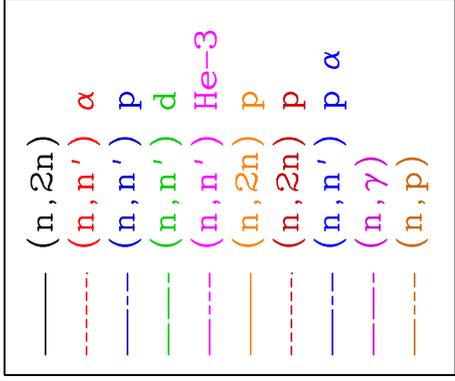
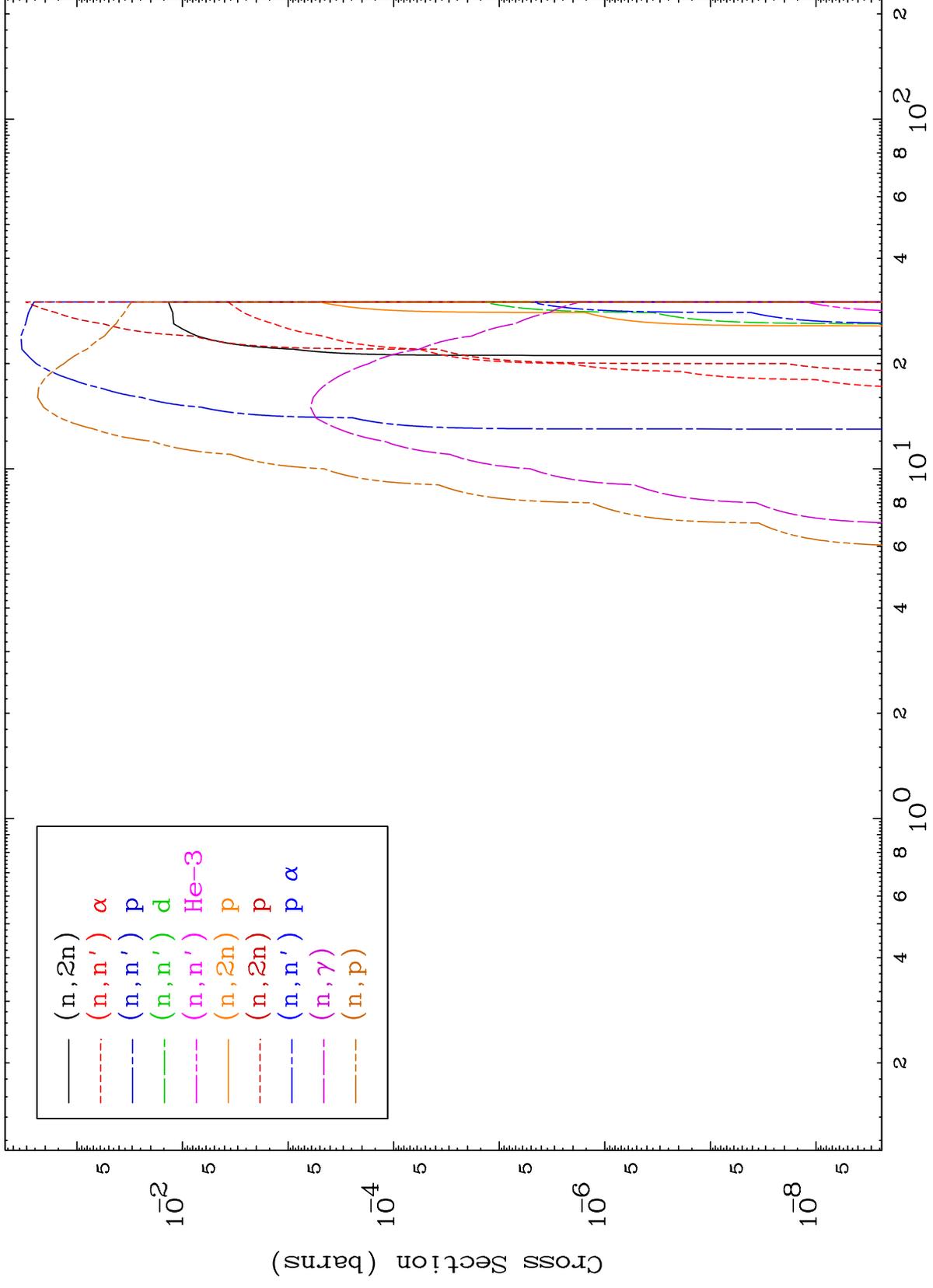
44-Ru-93m



MAT 4417

α Neutron Absorption
0 Kelvin Cross Sections

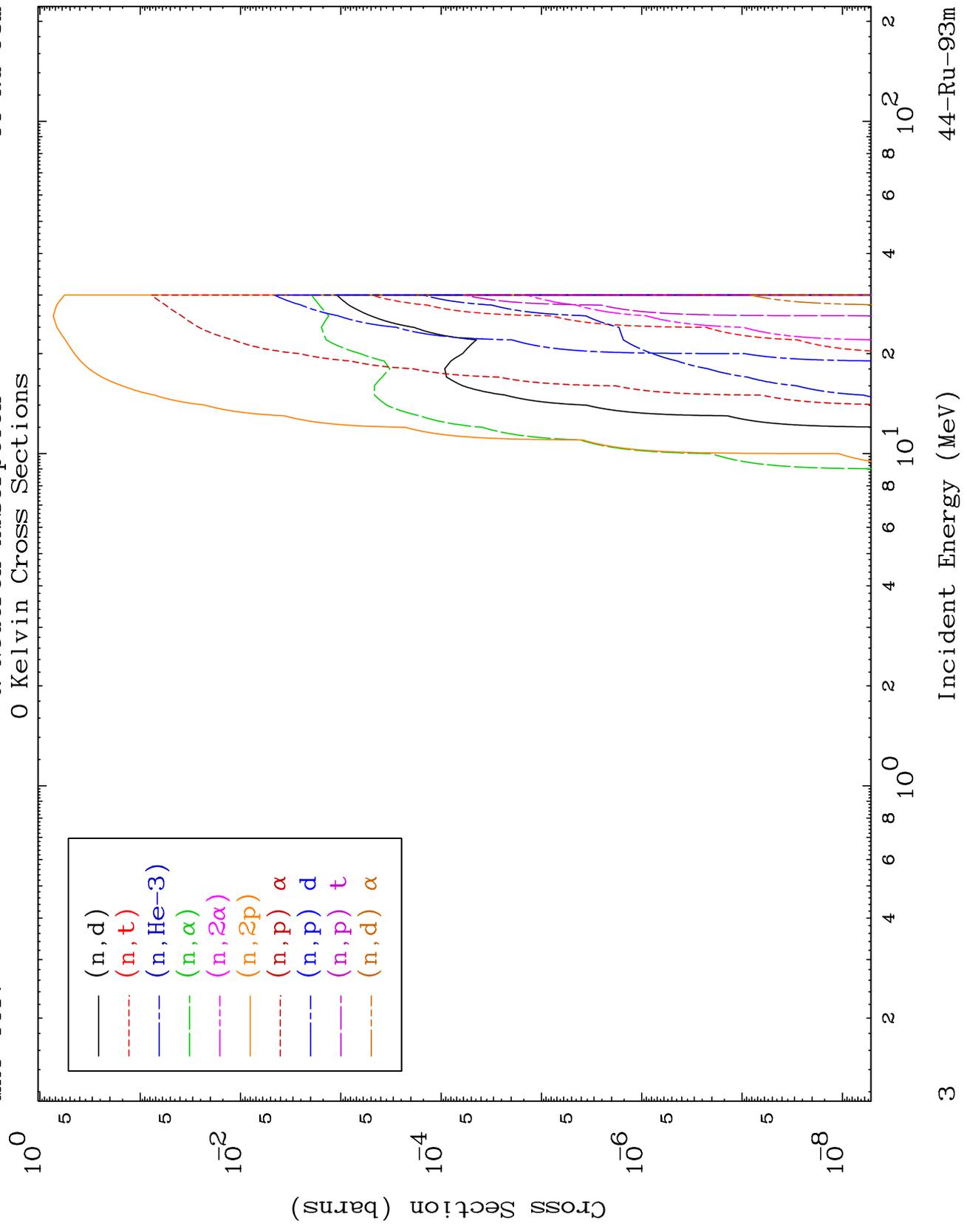
44-Ru-93m

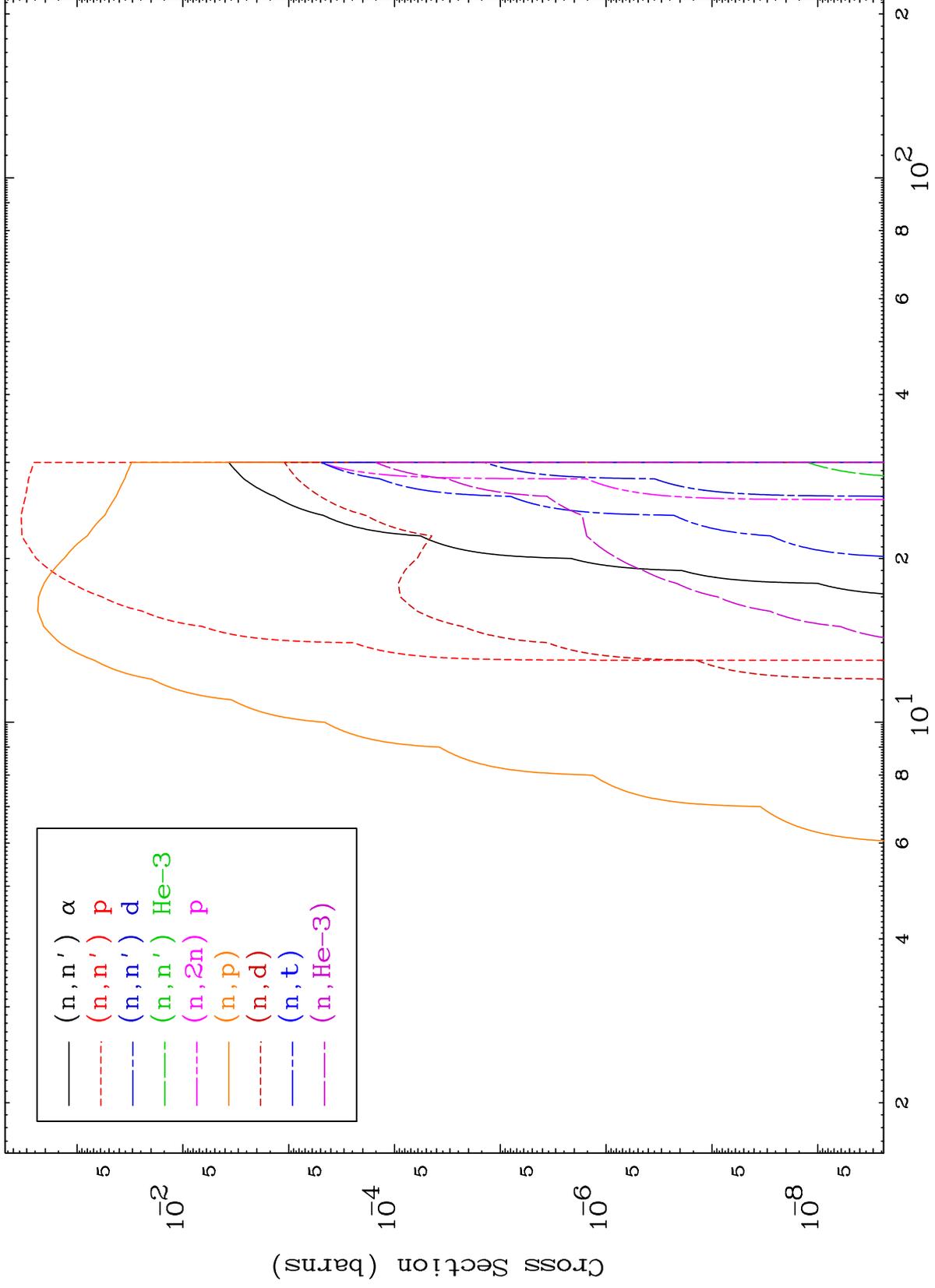


MAT 4417

α Neutron Absorption
0 Kelvin Cross Sections

44-Ru-93m

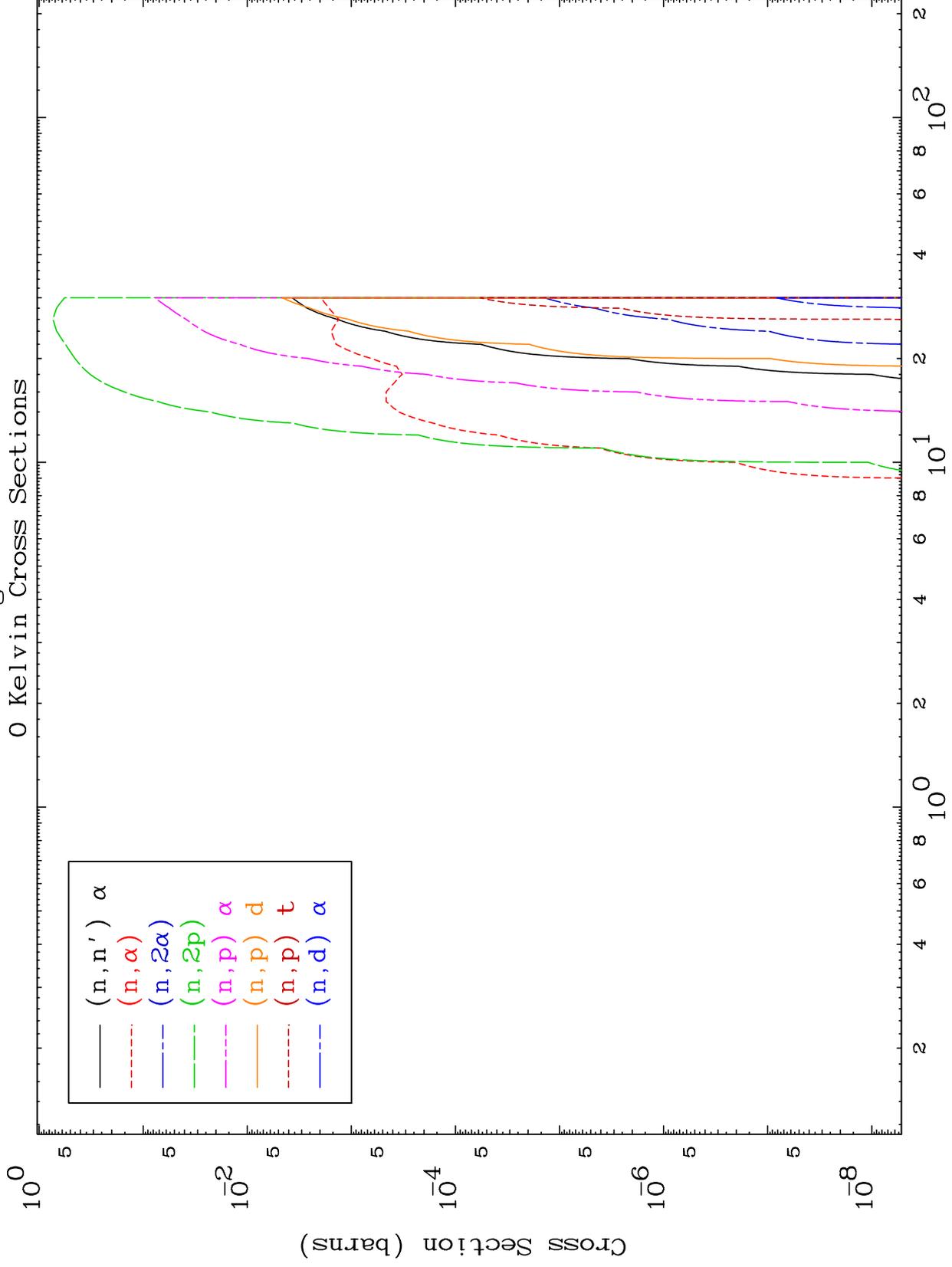




MAT 4417

α Charged Particle
0 Kelvin Cross Sections

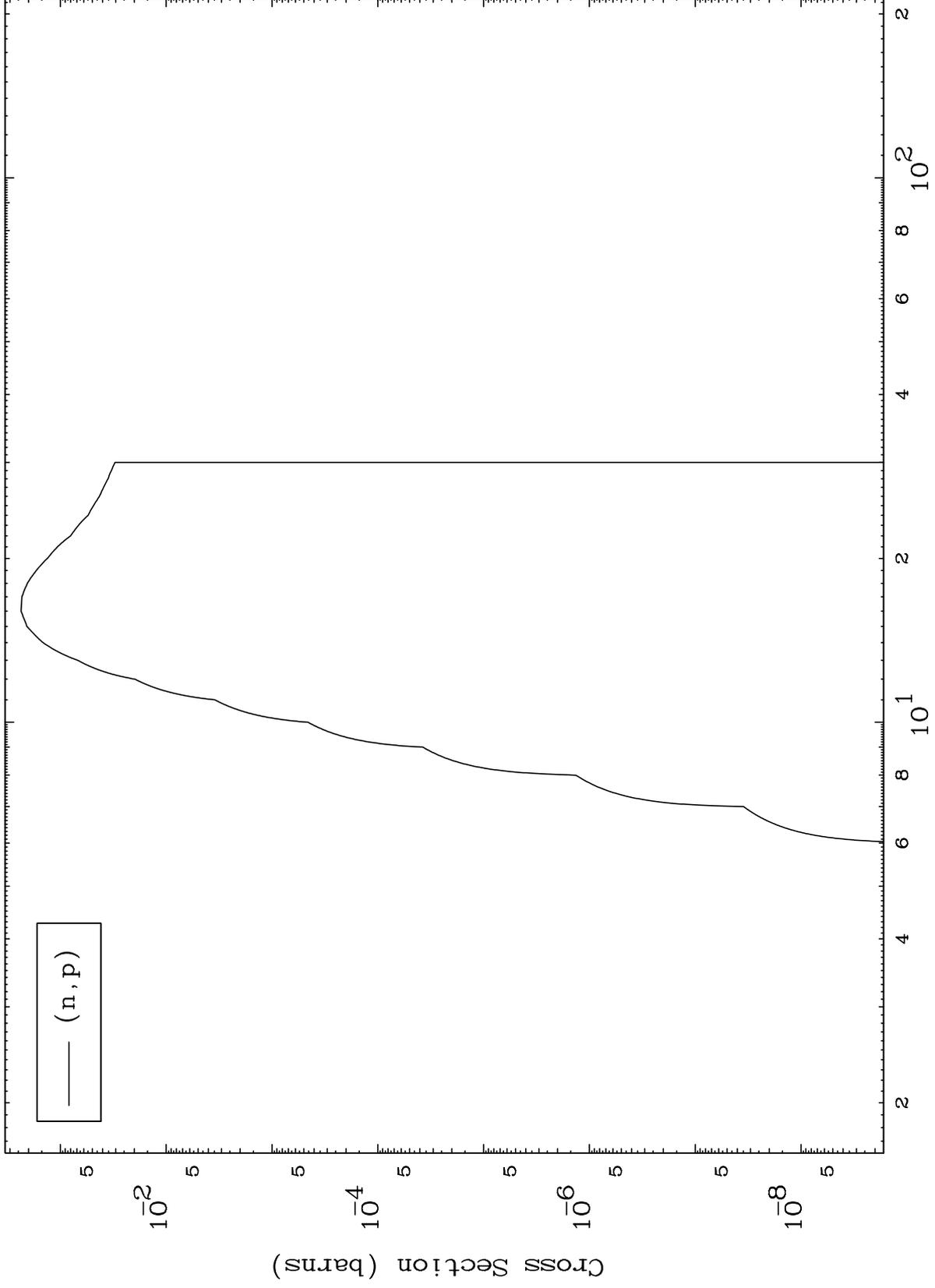
44-Ru-93m



MAT 4417

(α, p) Levels
0 Kelvin Cross Sections

44-Ru-93m



6

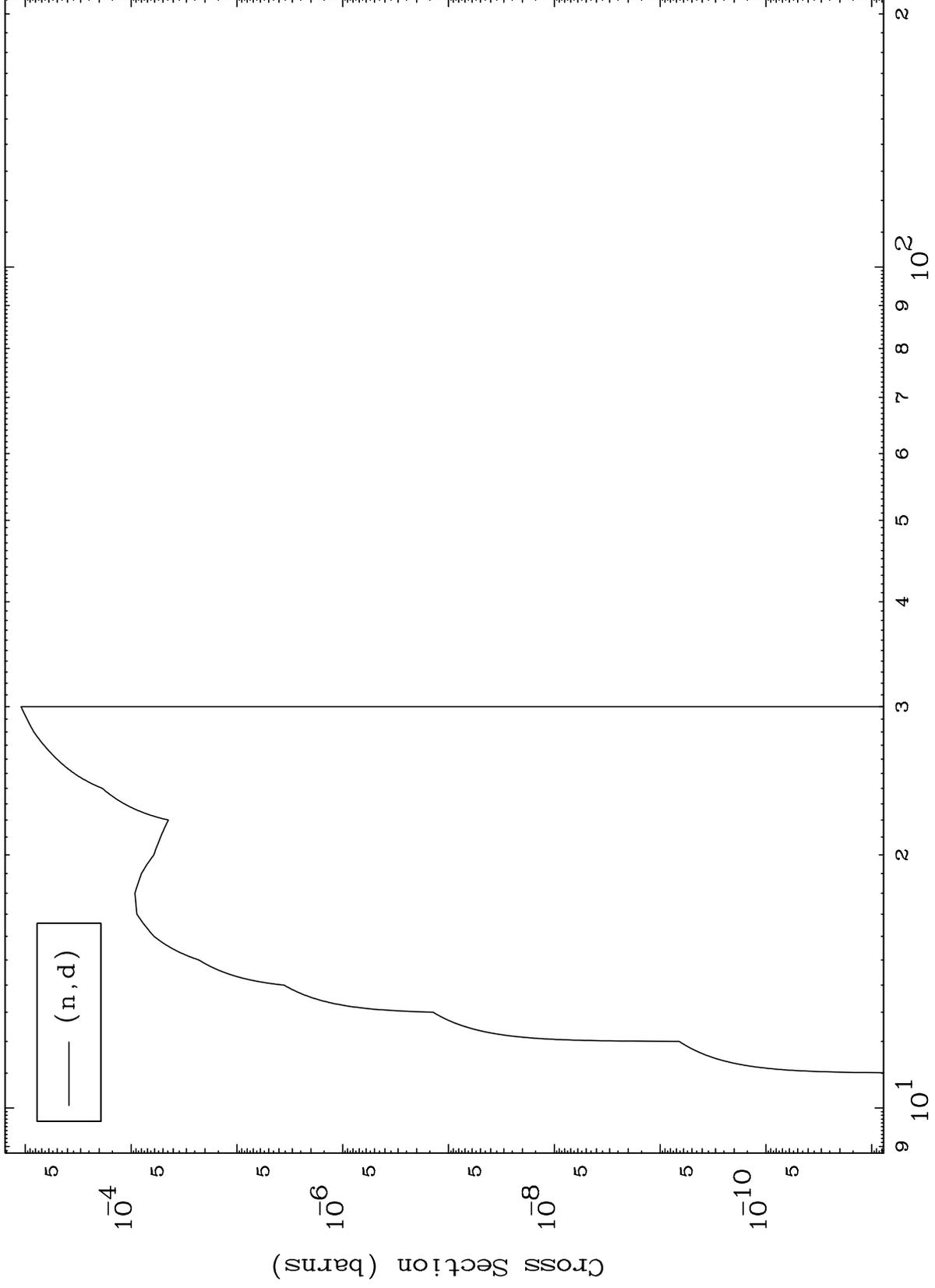
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-93m



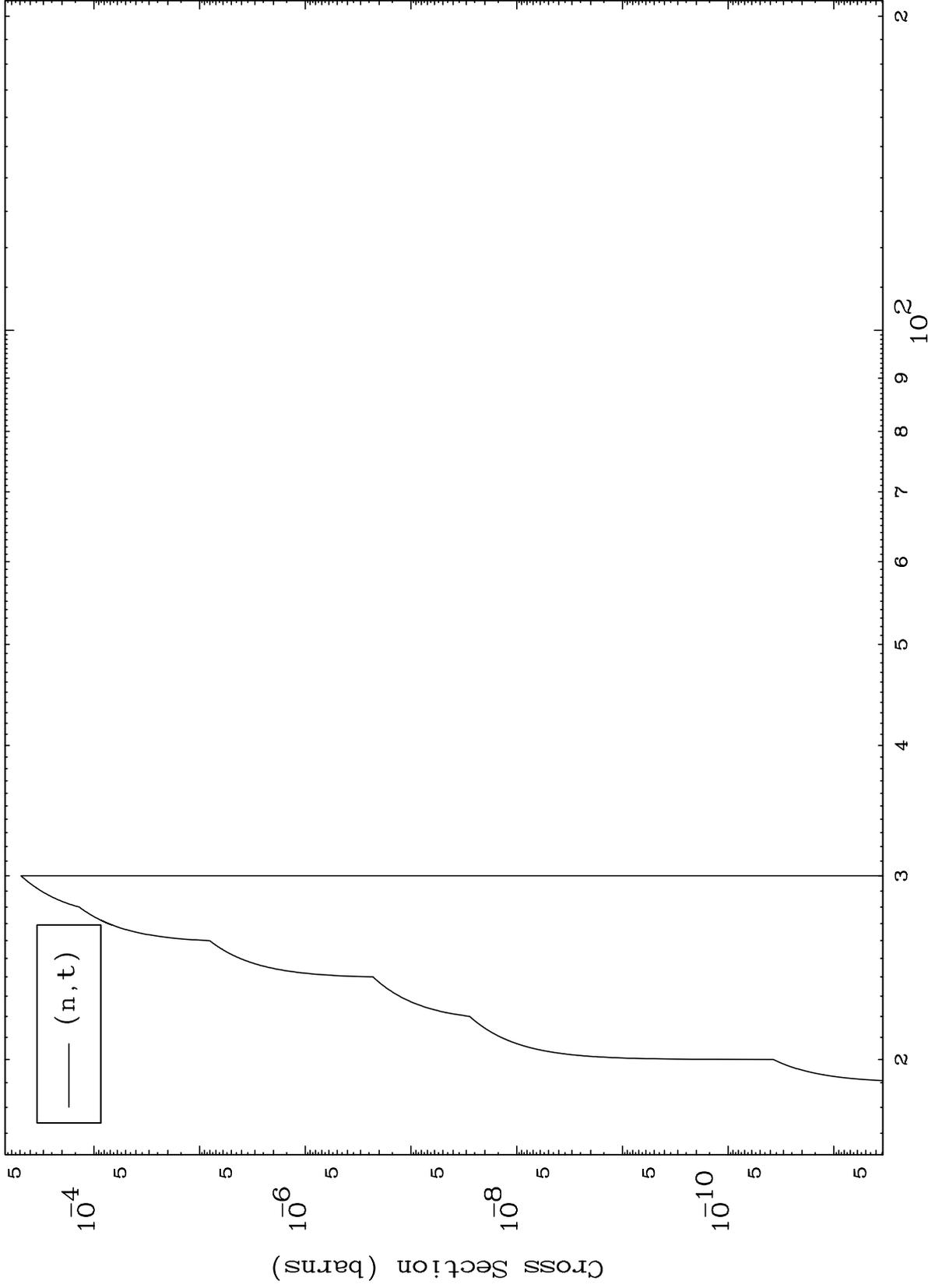
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(α, t) Levels
0 Kelvin Cross Sections

44-Ru-93m



8

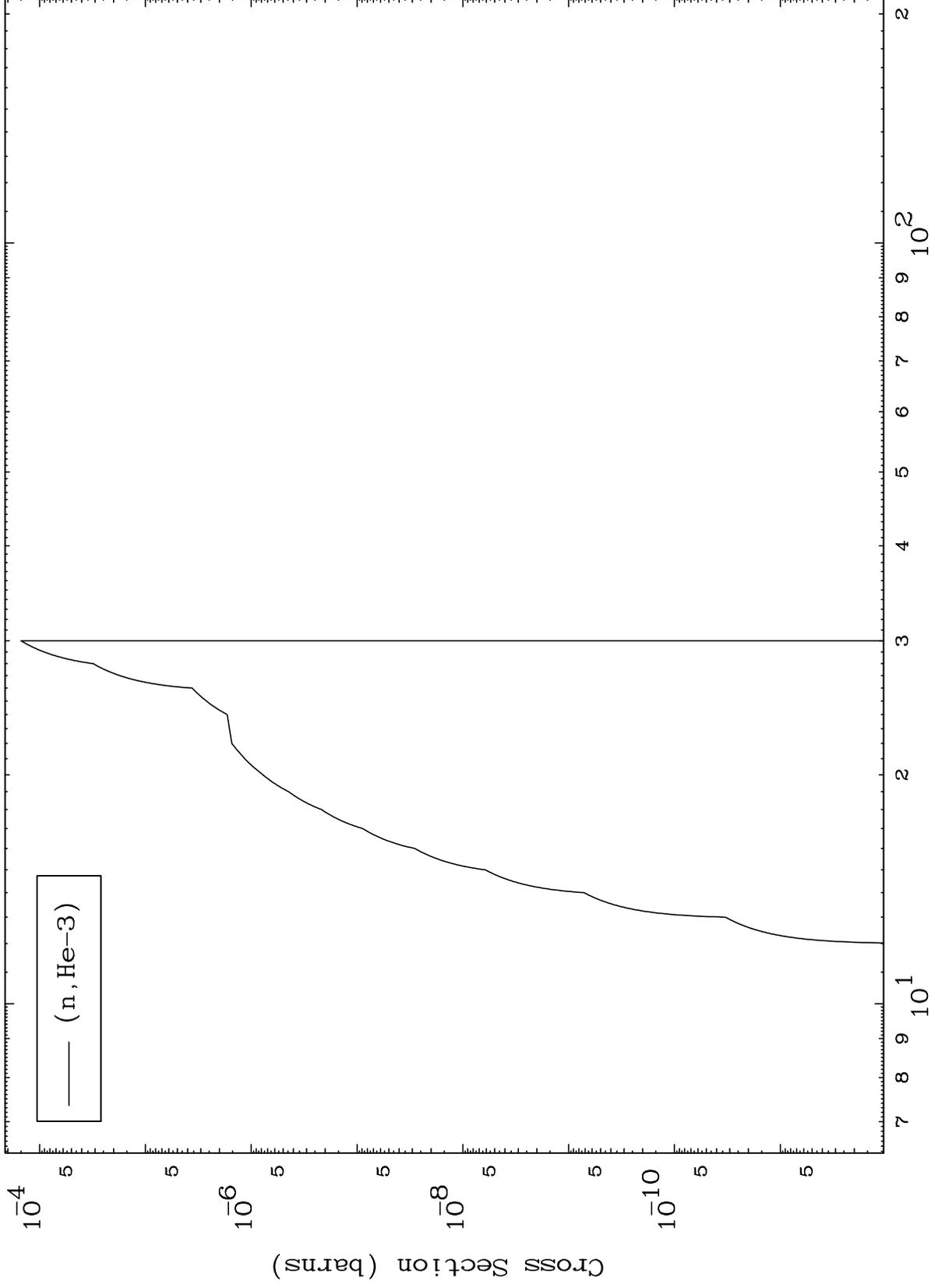
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

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



9

Incident Energy (MeV)

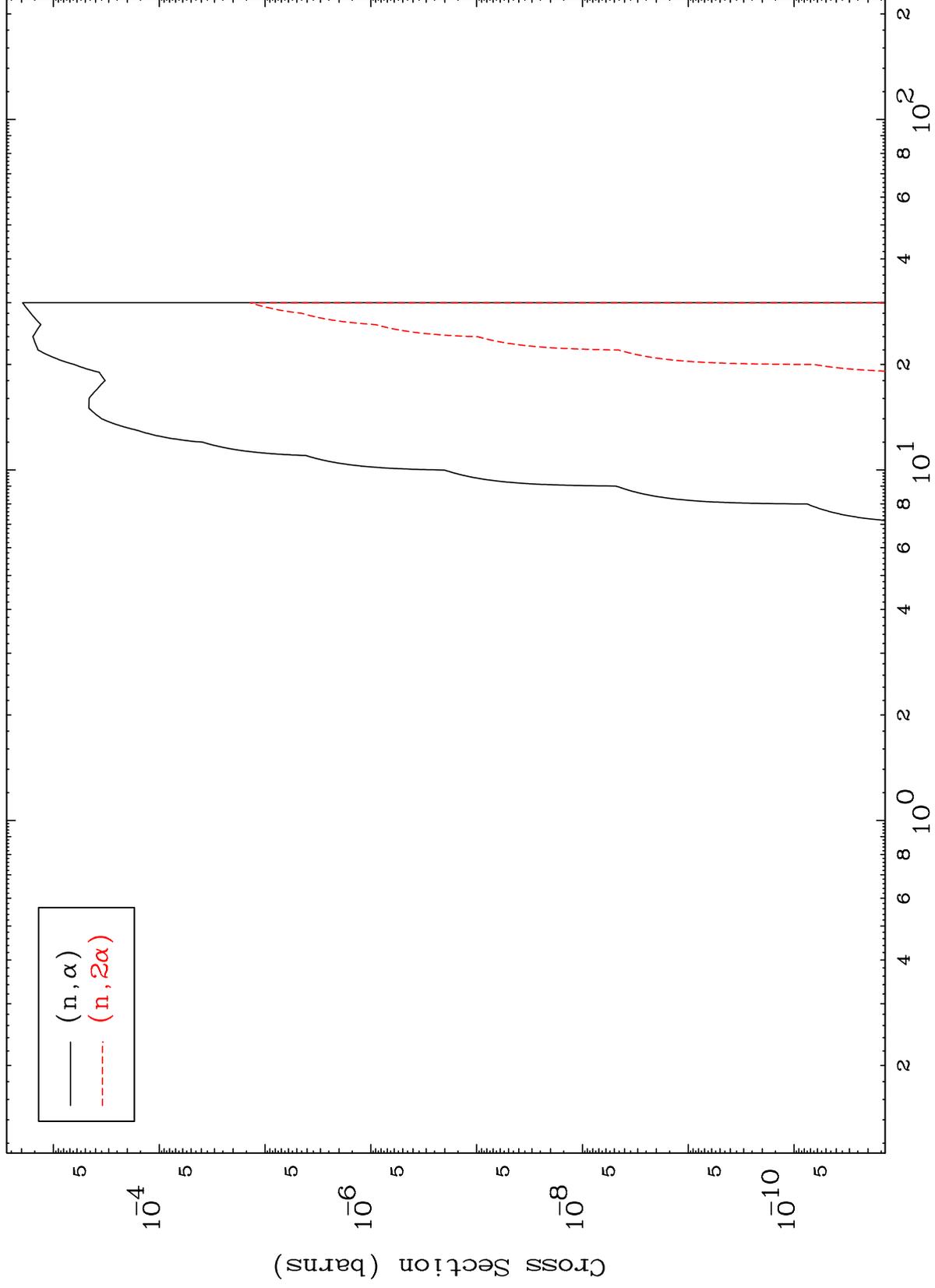
44-Ru-93m

MAT 4417

(α, α) Levels

44-Ru-93m

0 Kelvin Cross Sections



10

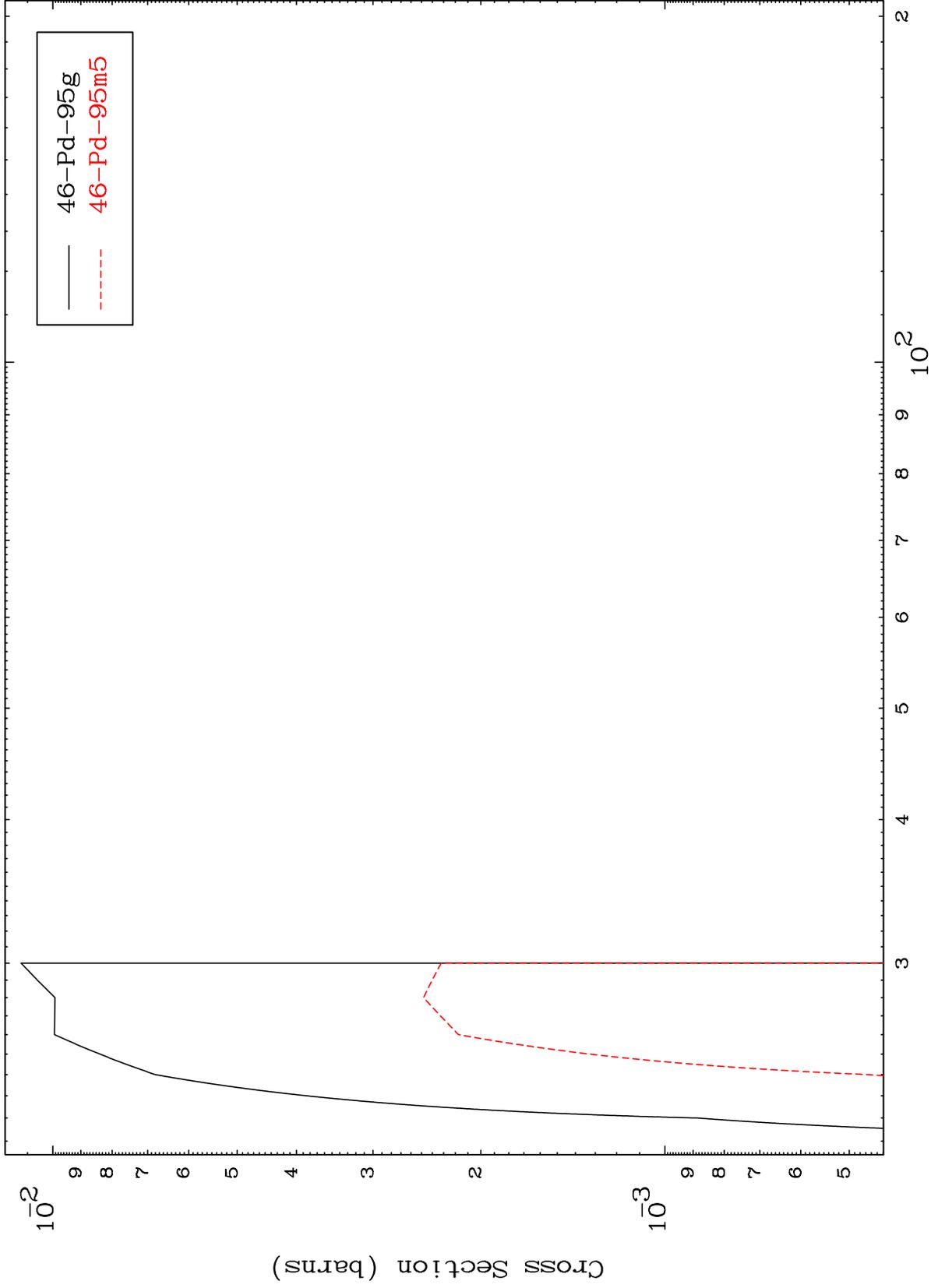
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

(n,2n)
Radionuclide Production Cross Section



11

44-Ru-93m

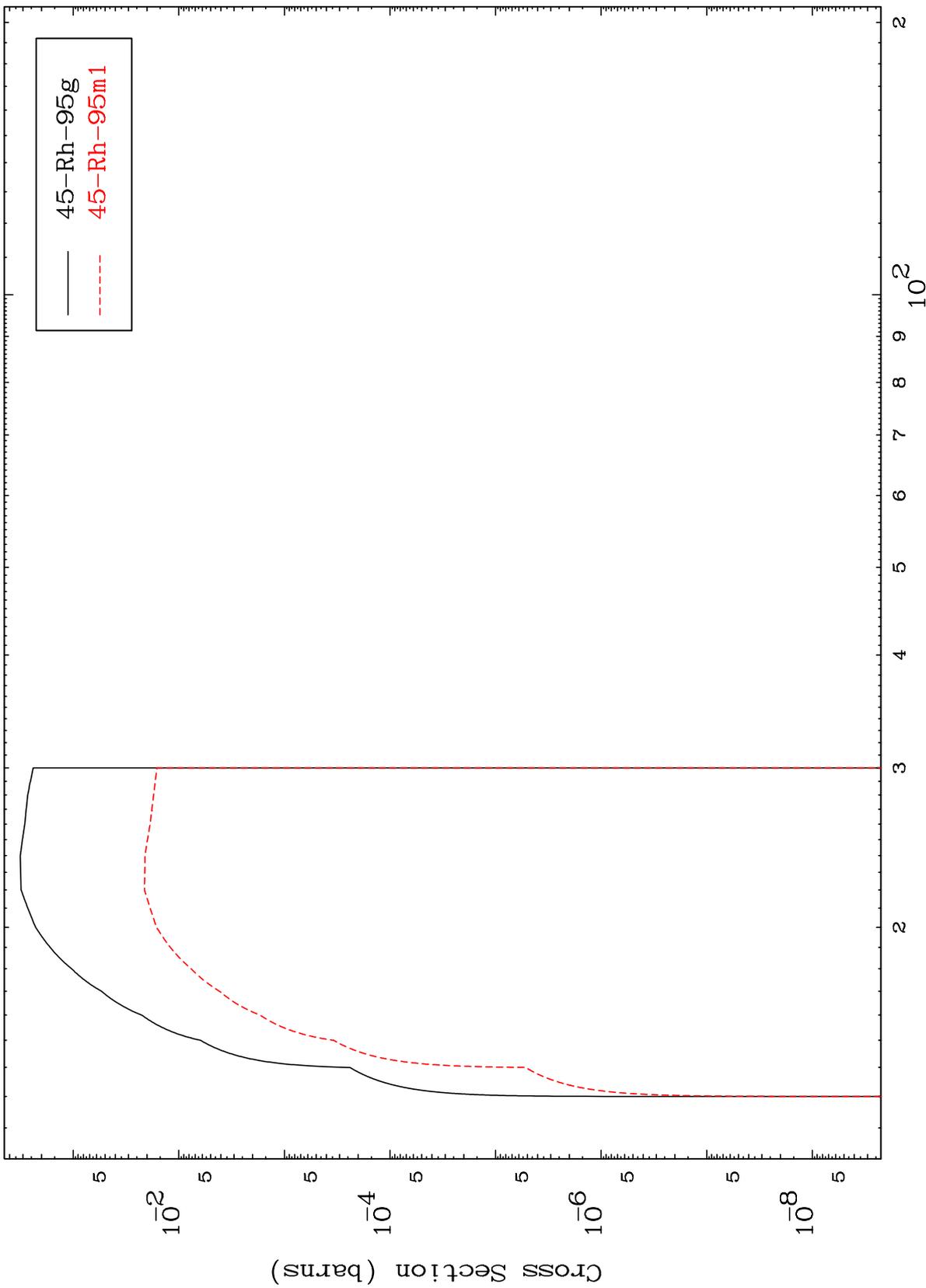
Incident Energy (MeV)

MAT 4417

(n,n') p

44-Ru-93m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

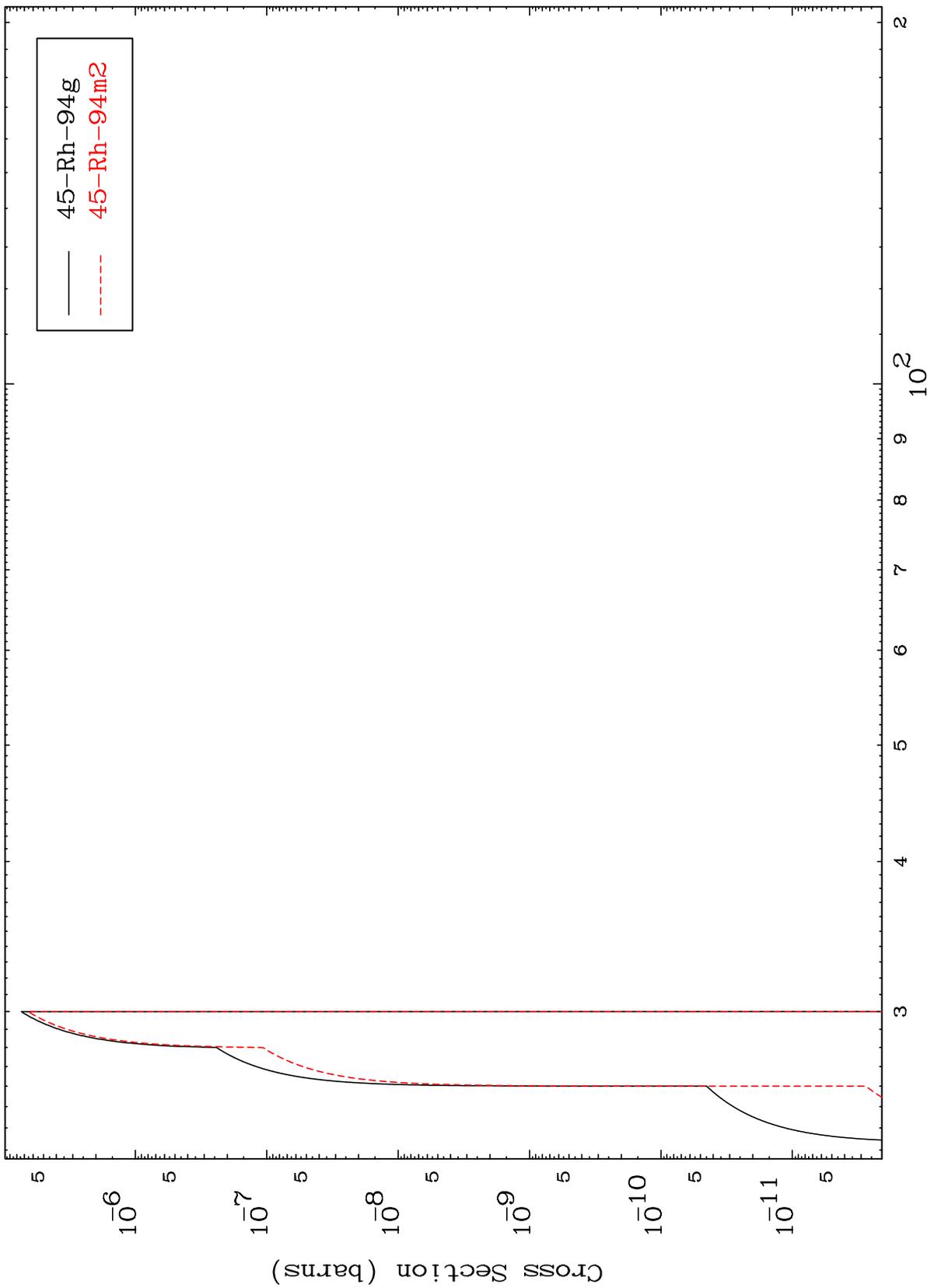
44-Ru-93m

MAT 4417

(n,n') d

44-Ru-93m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

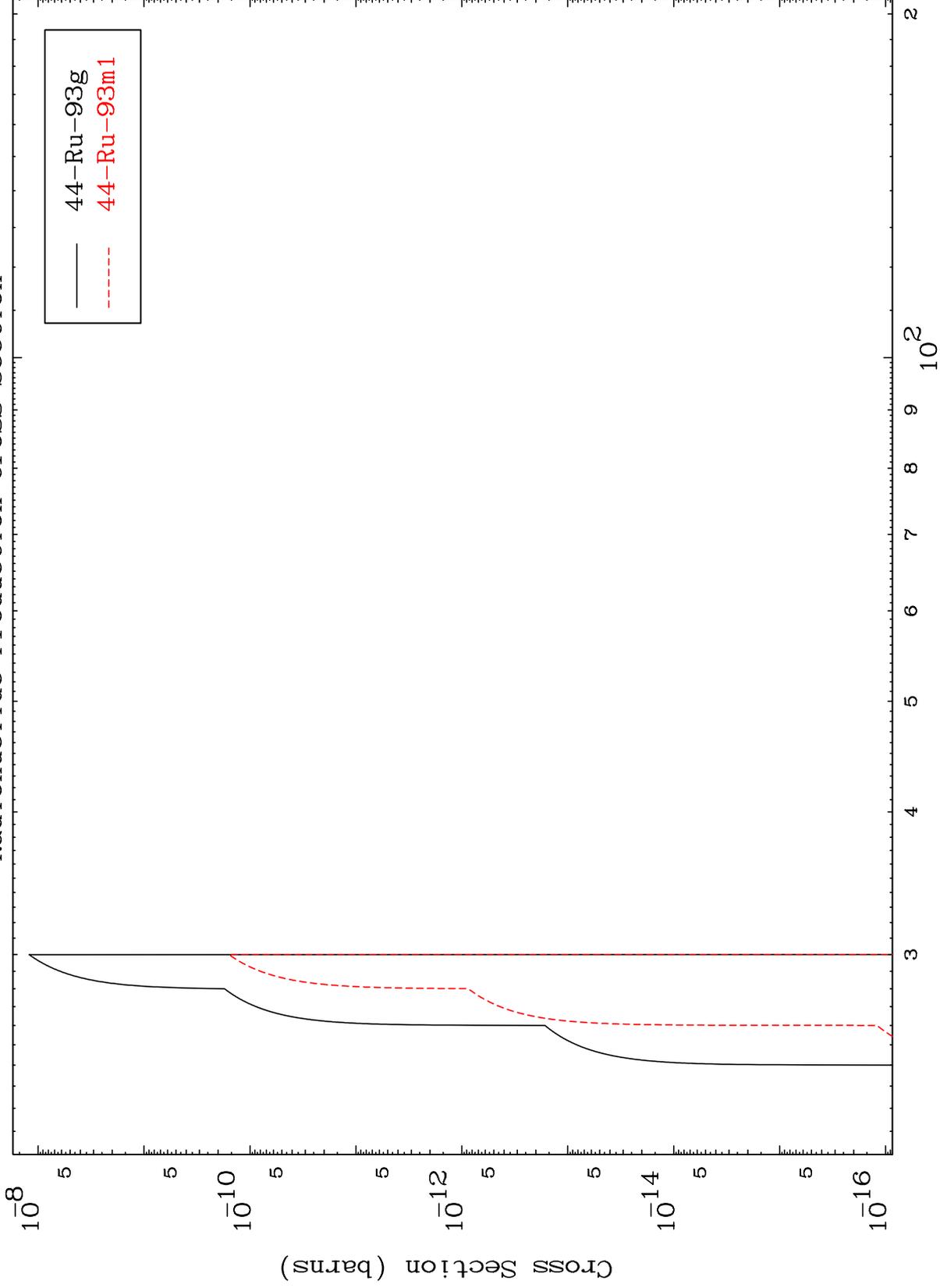
44-Ru-93m

MAT 4417

(n,n') He-3

44-Ru-93m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

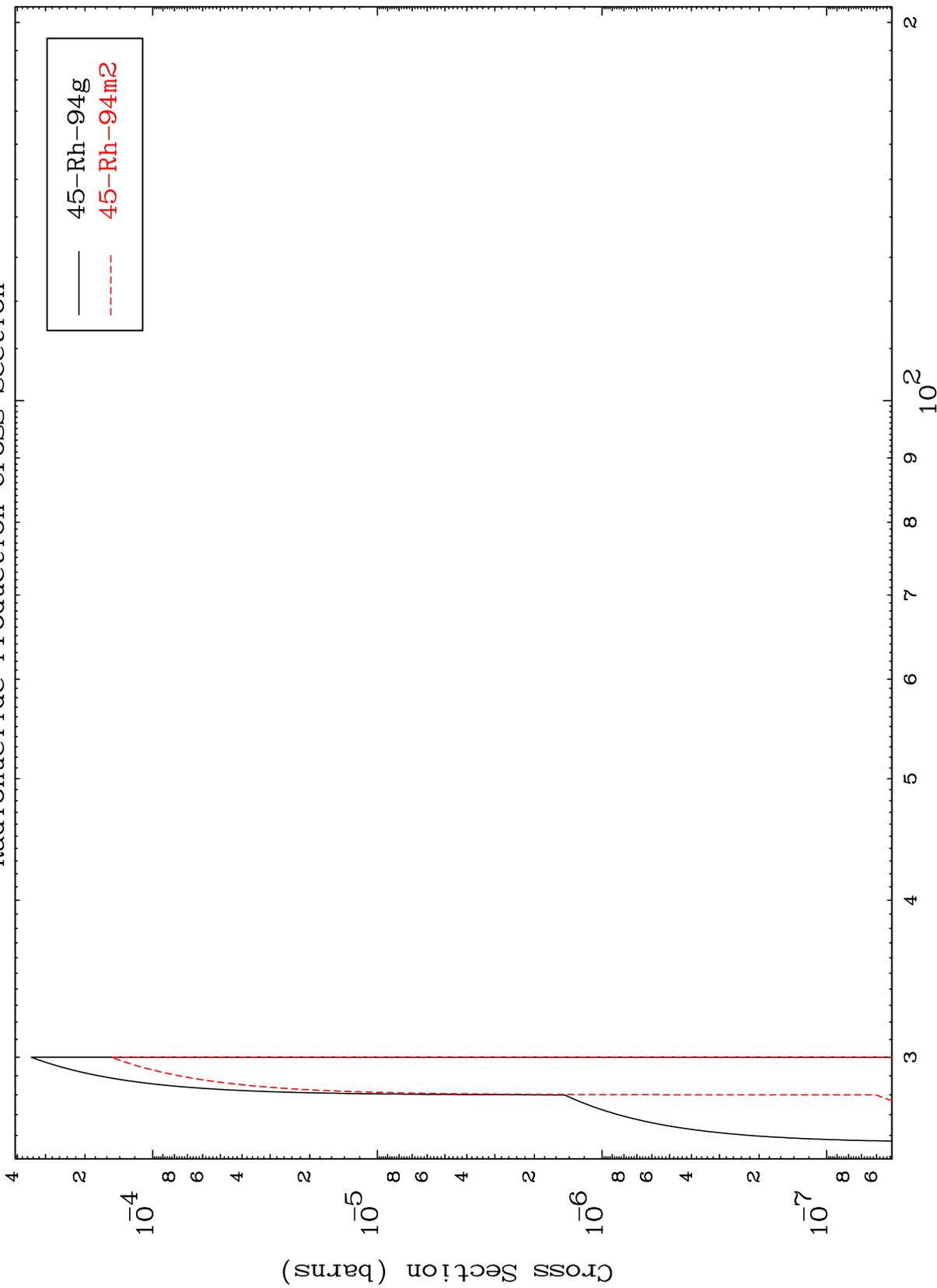
44-Ru-93m

MAT 4417

(n,2n) p

44-Ru-93m

Radionuclide Production Cross Section



45-Rh-94g
45-Rh-94m2

15

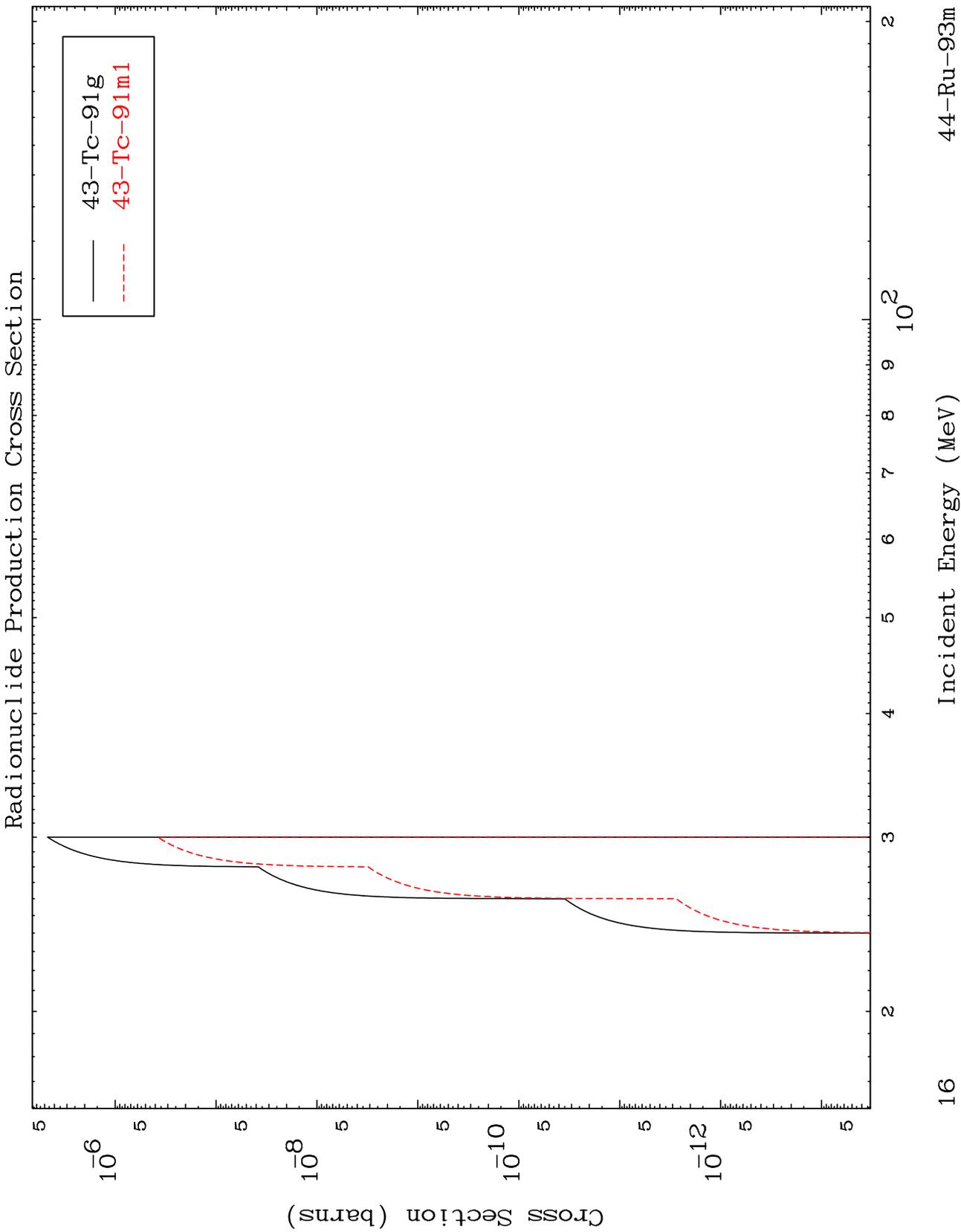
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(n,n') p α

44-Ru-93m



16

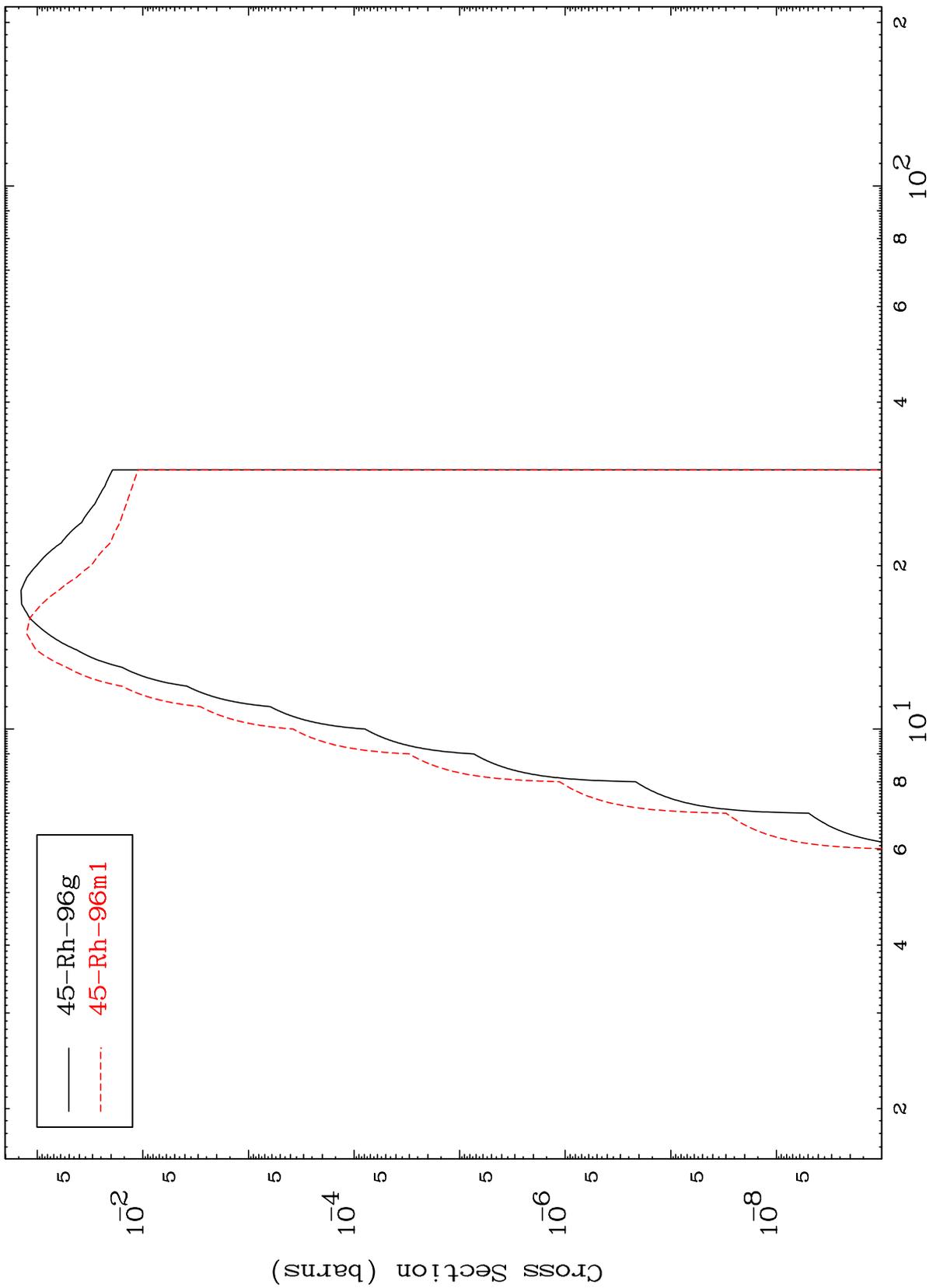
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

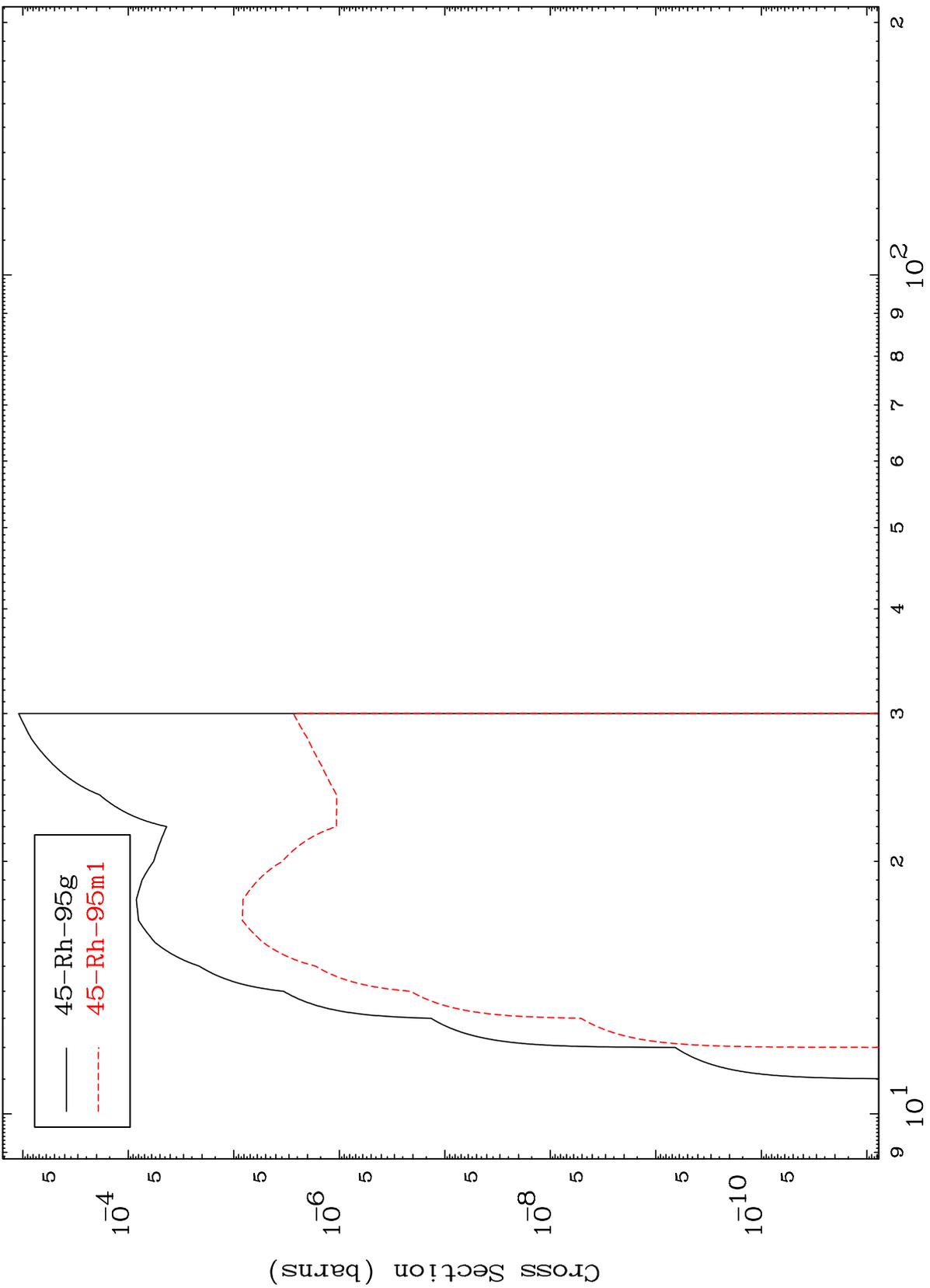
44-Ru-93m

MAT 4417

(n,d)

44-Ru-93m

Radionuclide Production Cross Section



— 45-Rh-95g
- - - 45-Rh-95m1

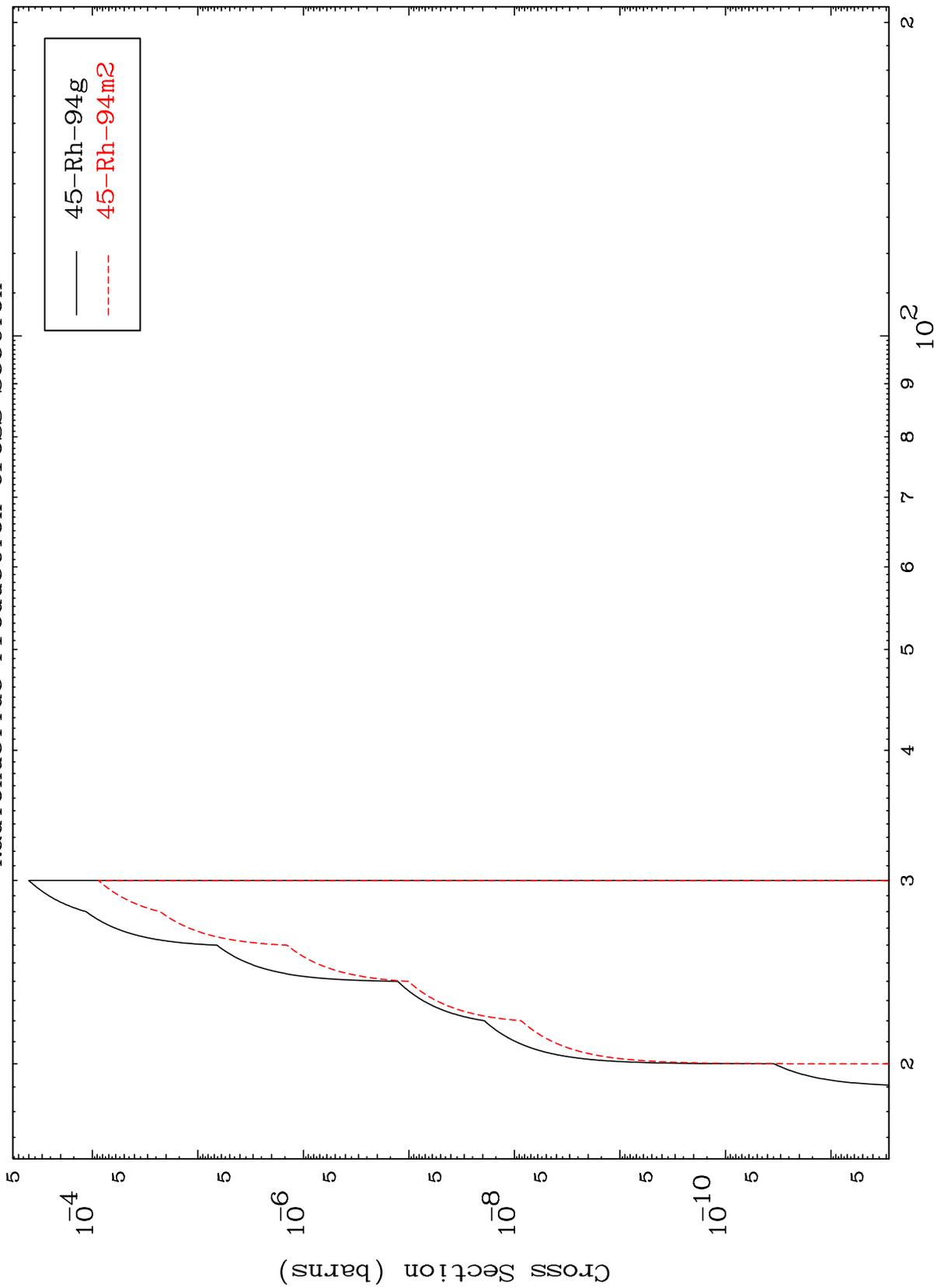
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

(n,t)
Radionuclide Production Cross Section



19

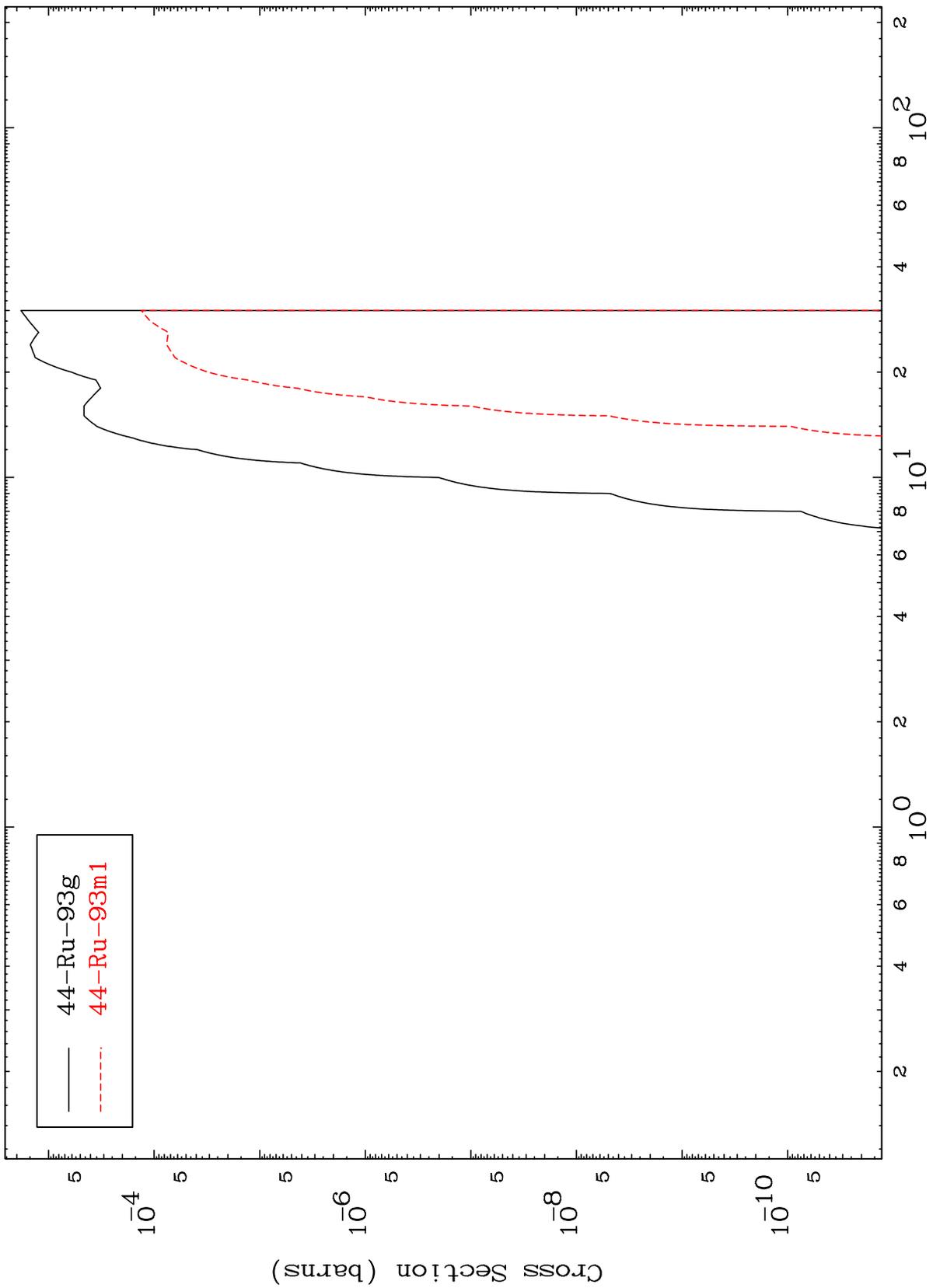
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

Radionuclide Production Cross Section



44-Ru-93m

Incident Energy (MeV)

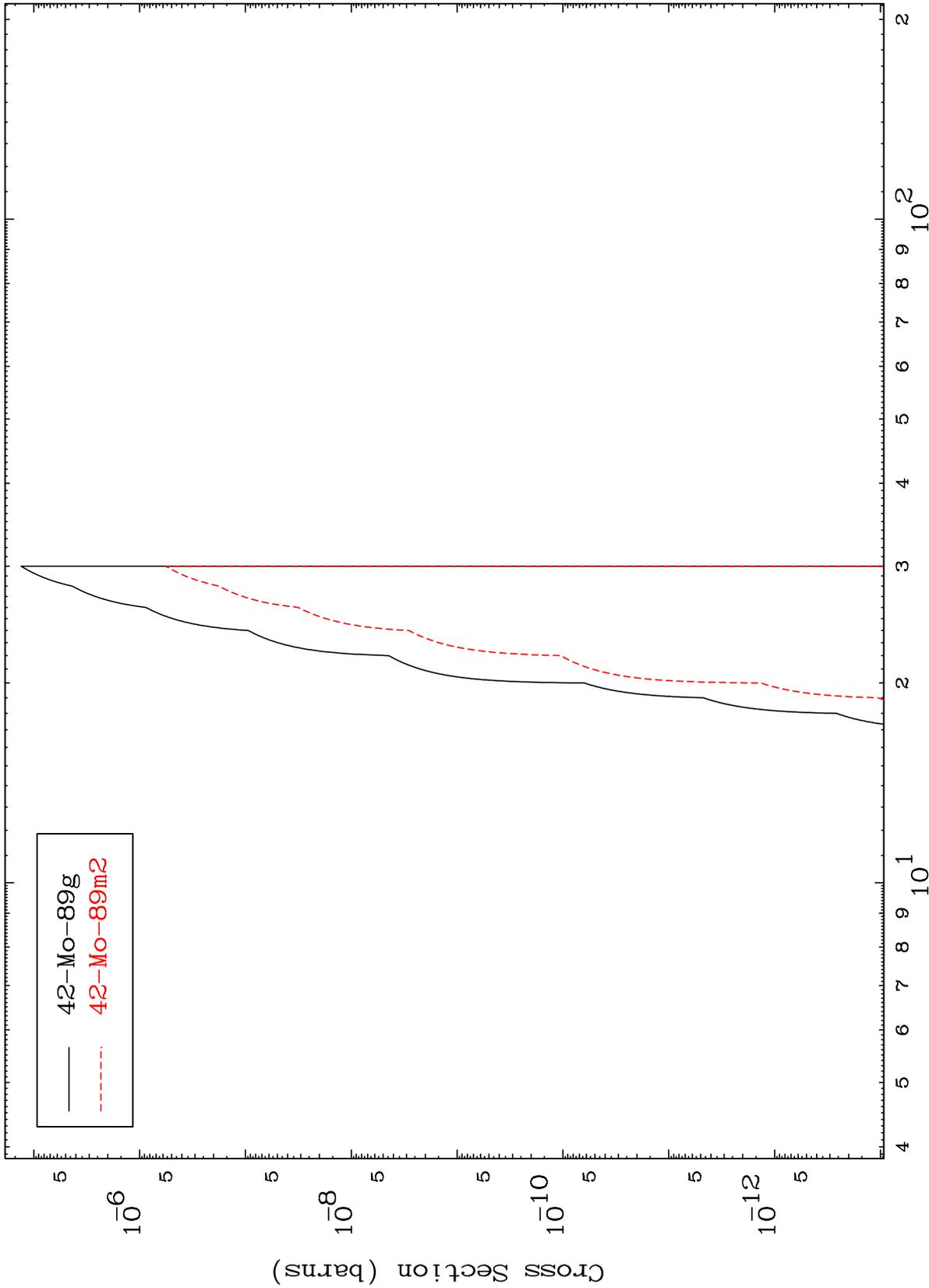
20

MAT 4417

(n,2α)

44-Ru-93m

Radionuclide Production Cross Section

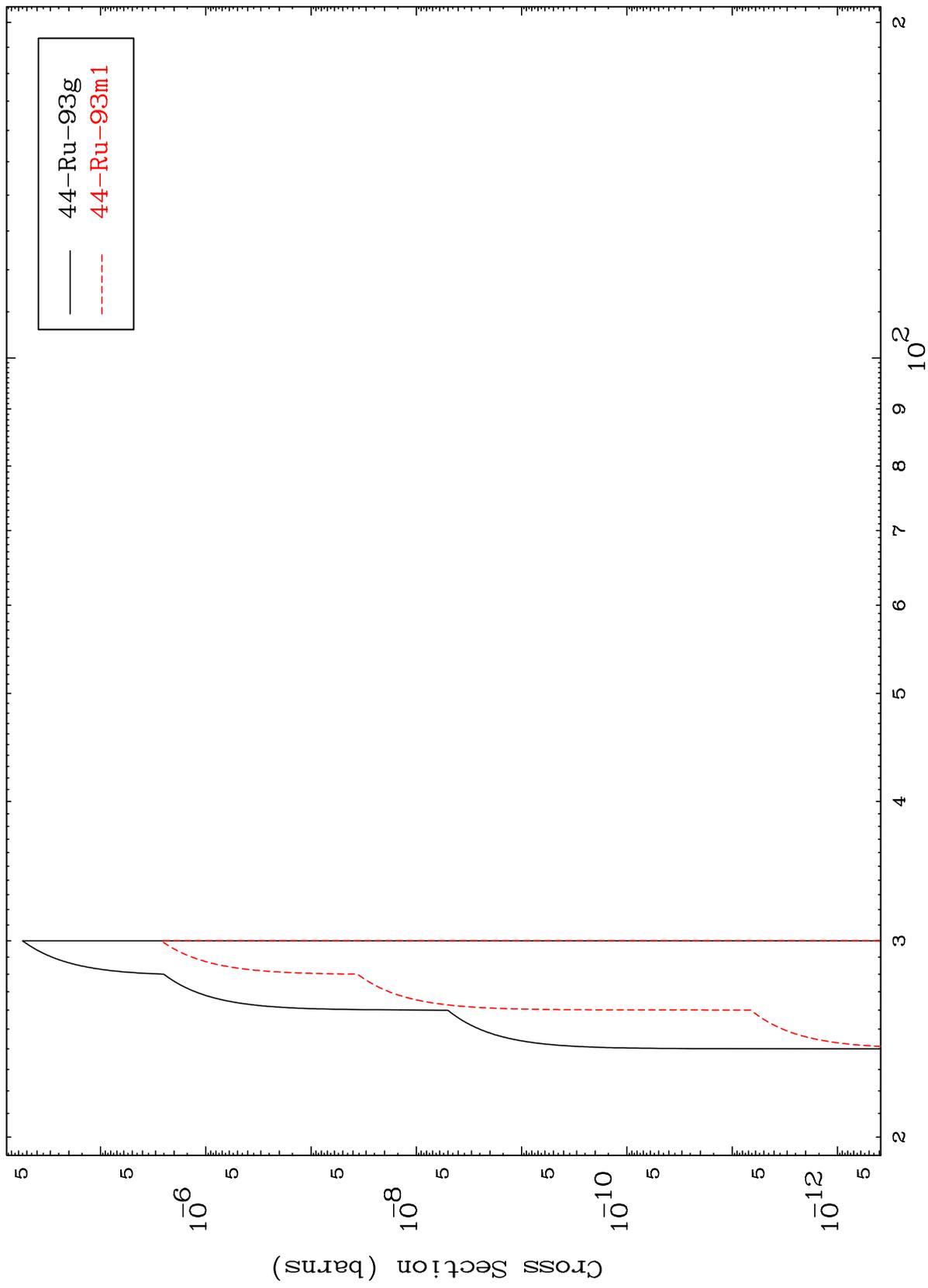


MAT 4417

(n,p) t

44-Ru-93m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

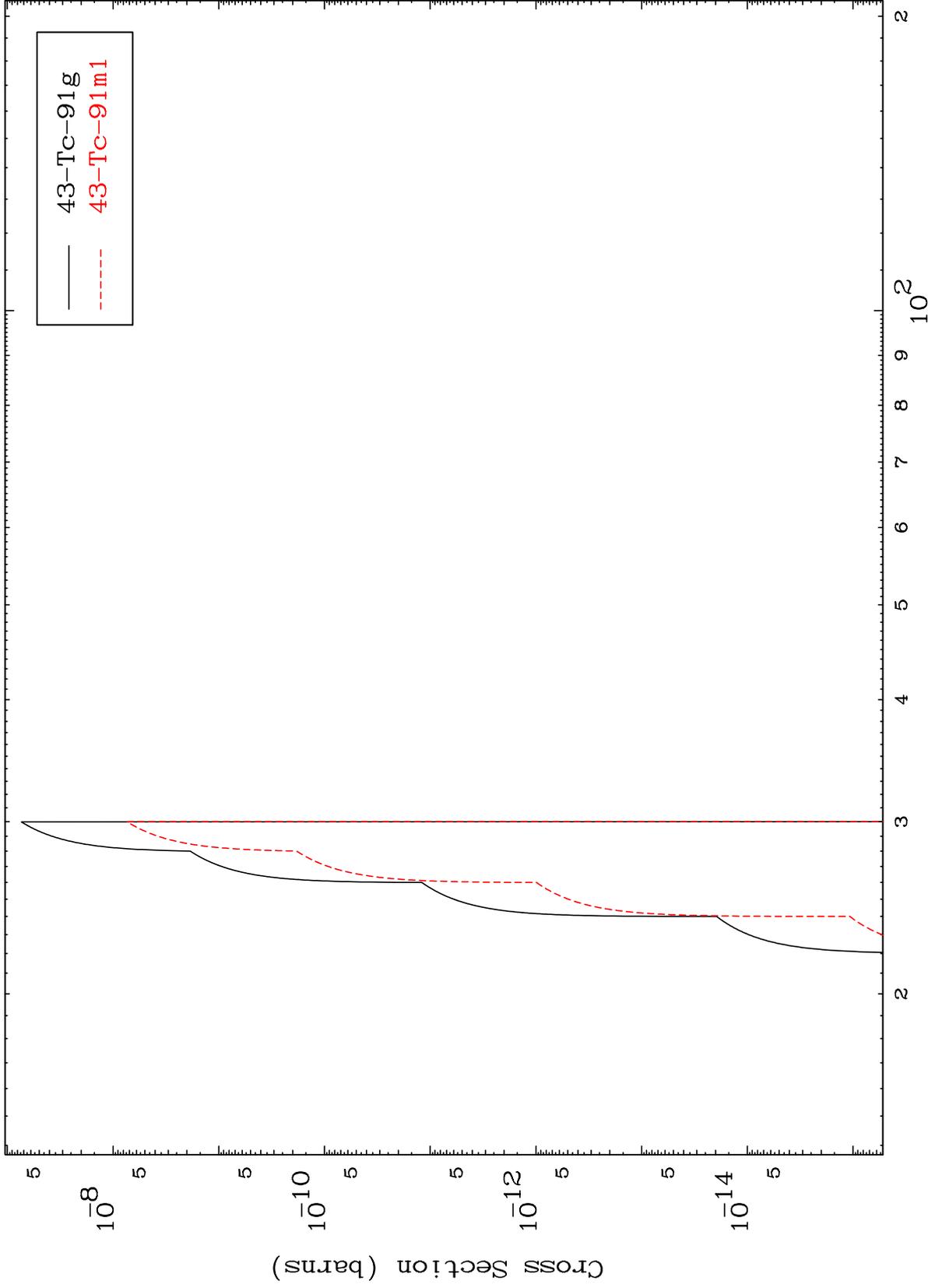
44-Ru-93m

MAT 4417

(n,d) α

44-Ru-93m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

44-Ru-93m