

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

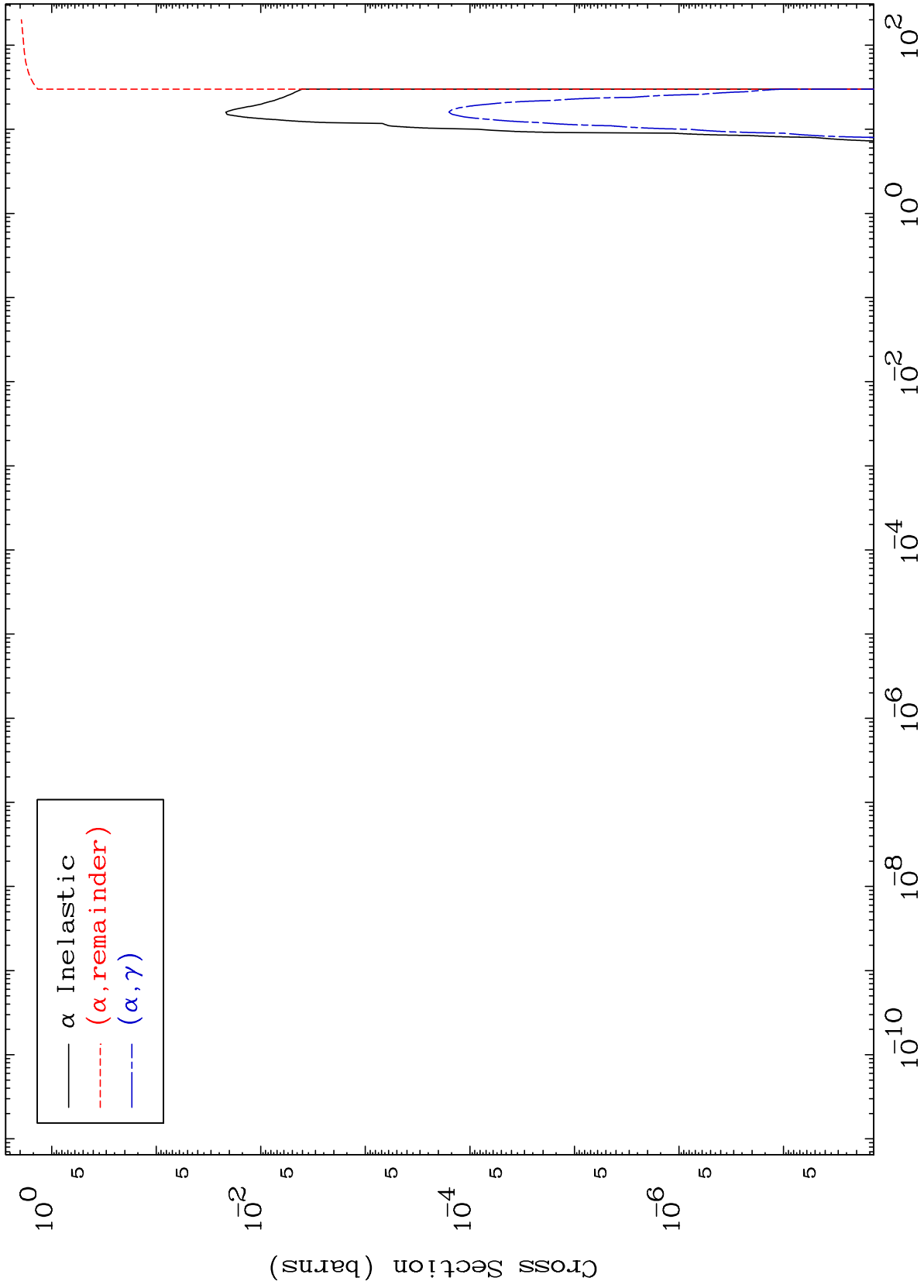
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4416

0 Kelvin α Major
Cross Sections

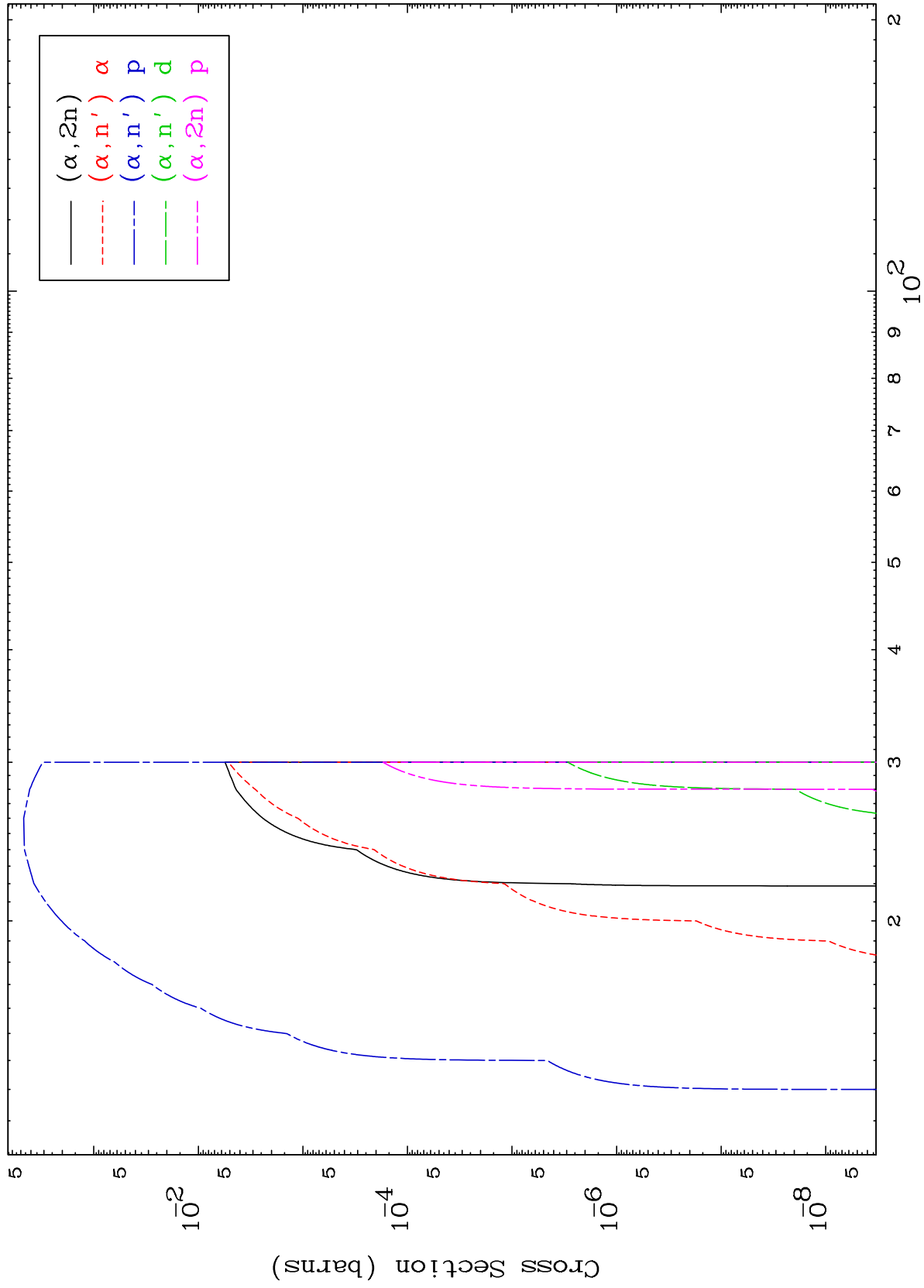
44-Ru-93

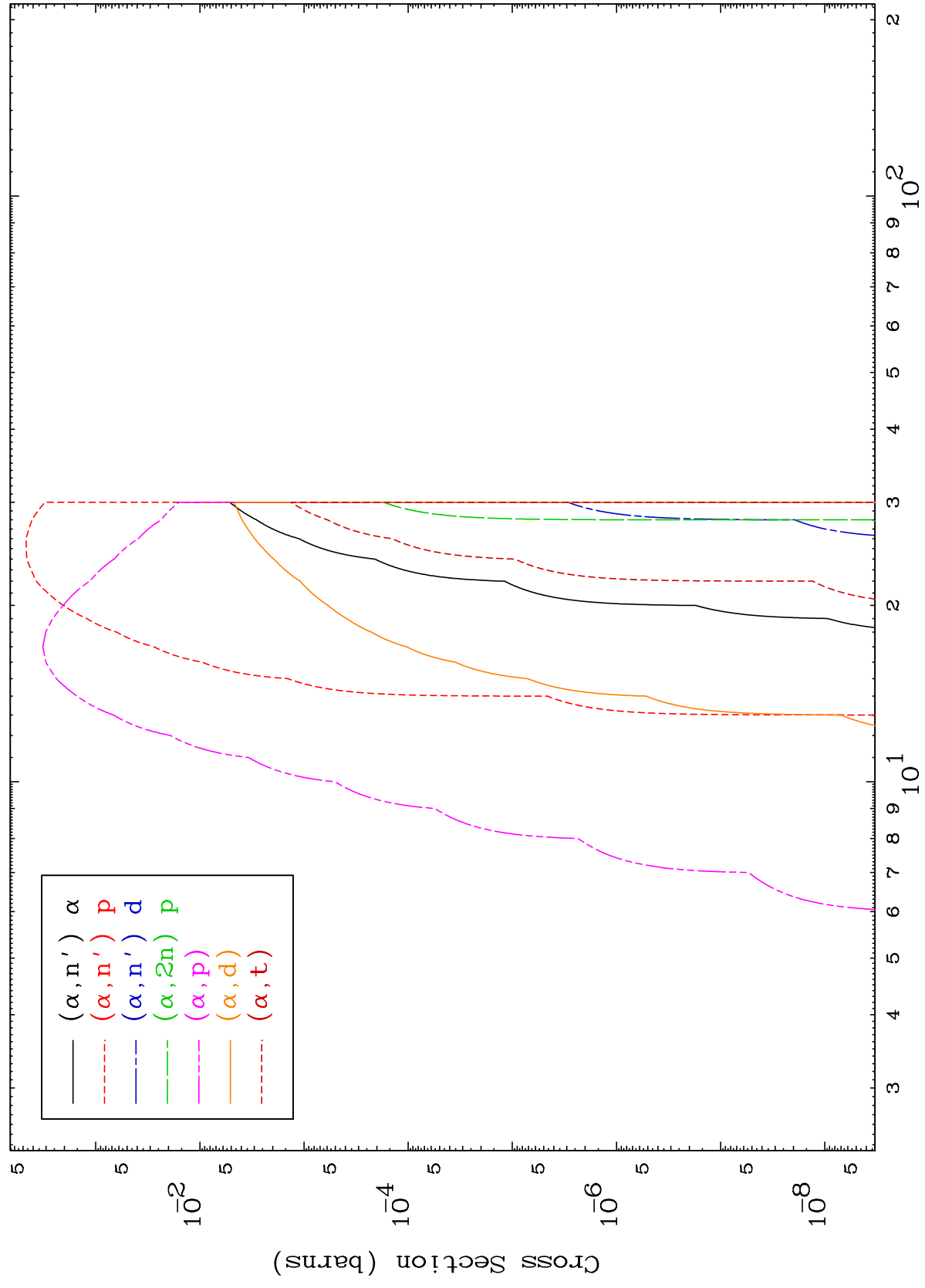


1

Incident Energy (MeV)

44-Ru-93

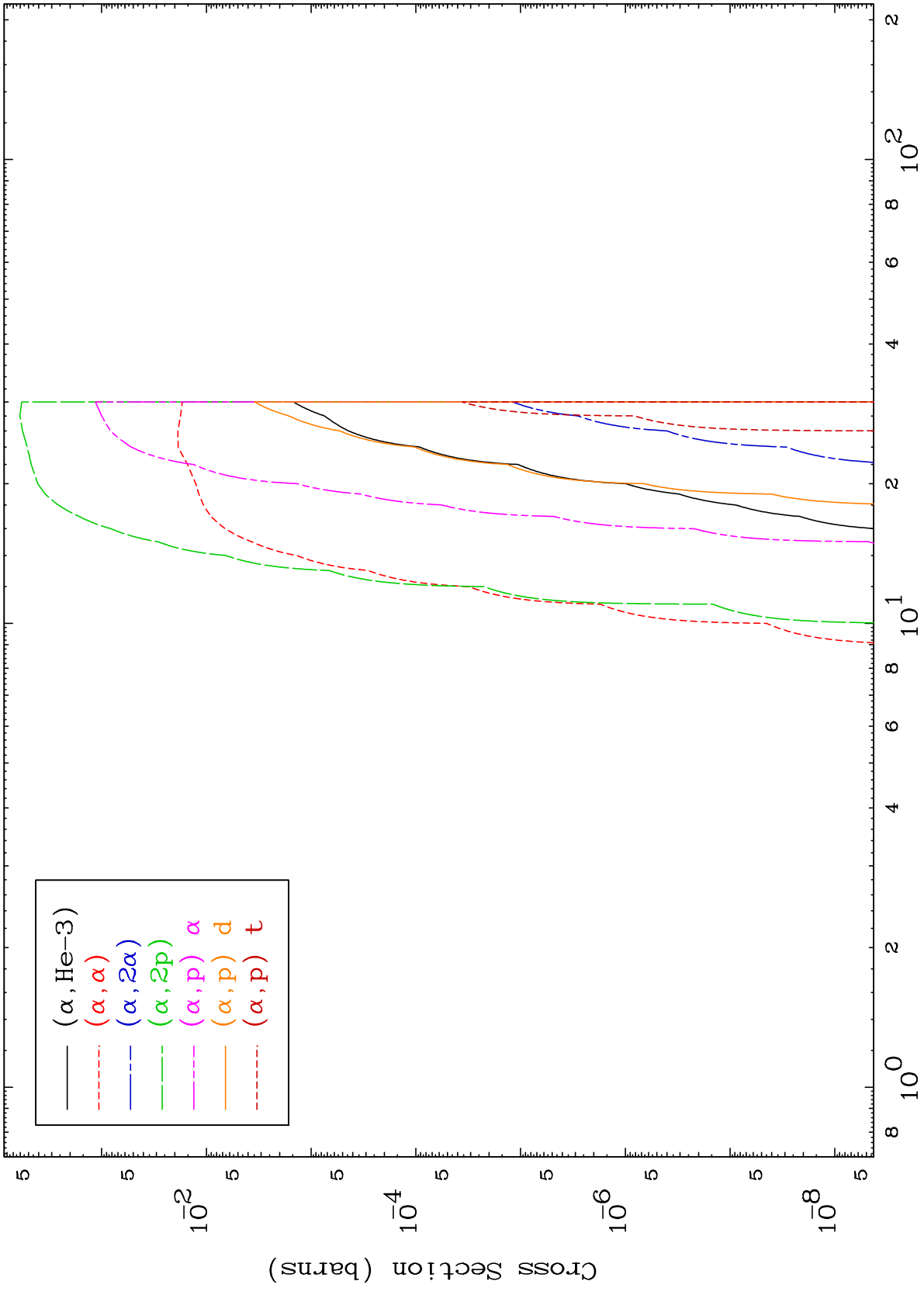




MAT 4416

α Charged Particle
0 Kelvin Cross Sections

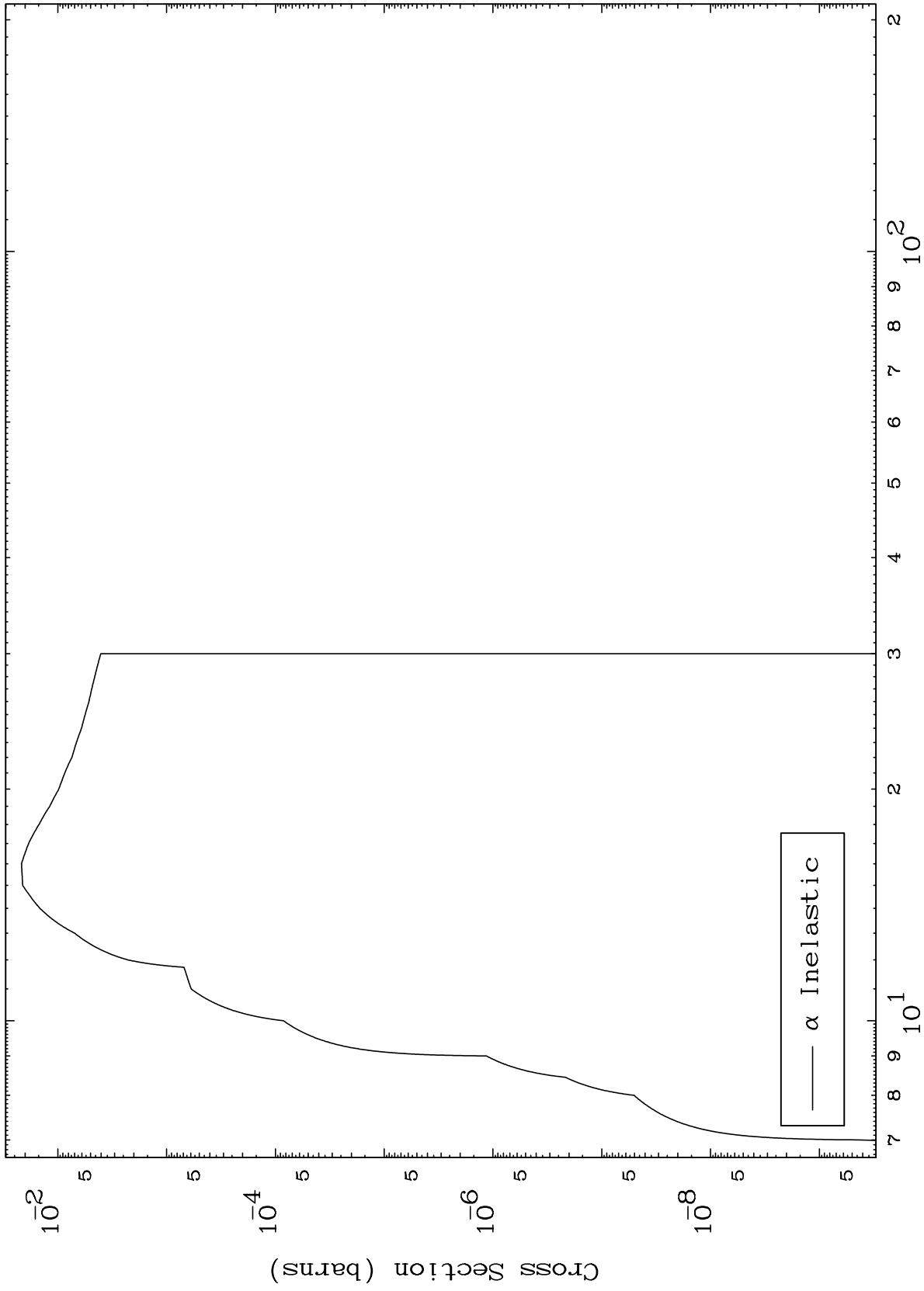
44-Ru-93



MAT 4416

44-Ru-93

(α, n') Level
0 Kelvin Cross Sections



5

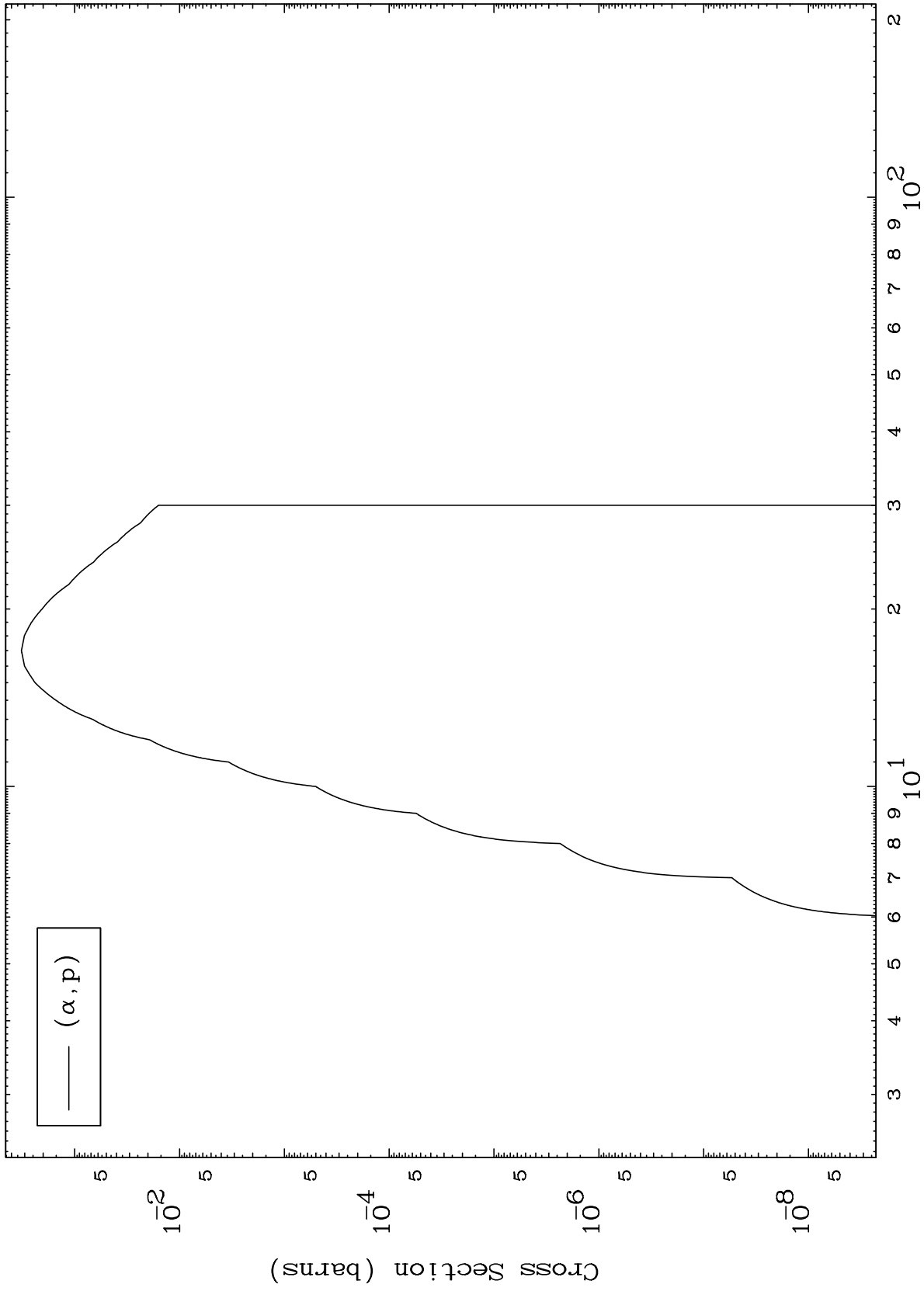
Incident Energy (MeV)

44-Ru-93

MAT 4416

(α, p) Levels
0 Kelvin Cross Sections

44-Ru-93



6

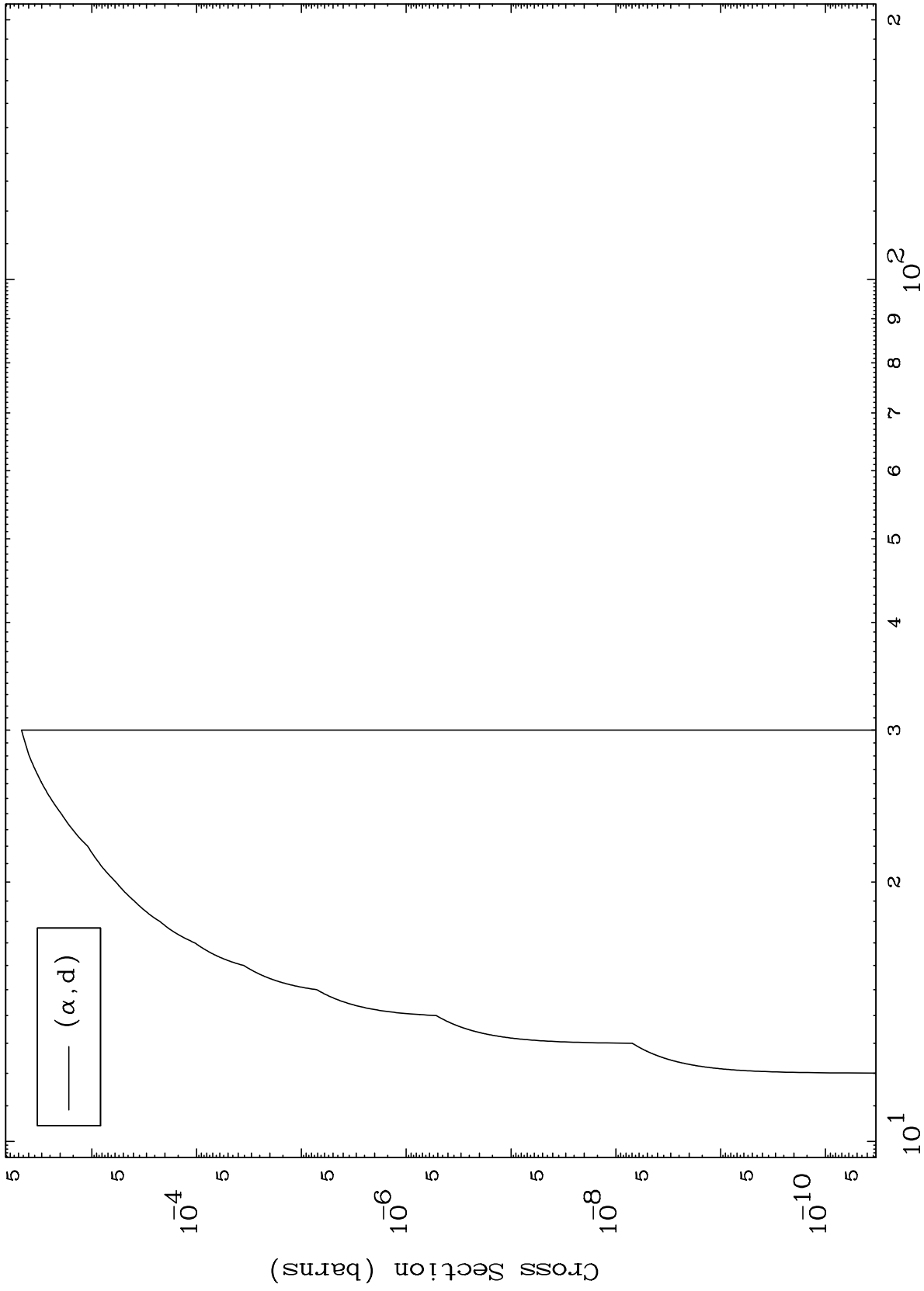
Incident Energy (MeV)

44-Ru-93

MAT 4416

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-93



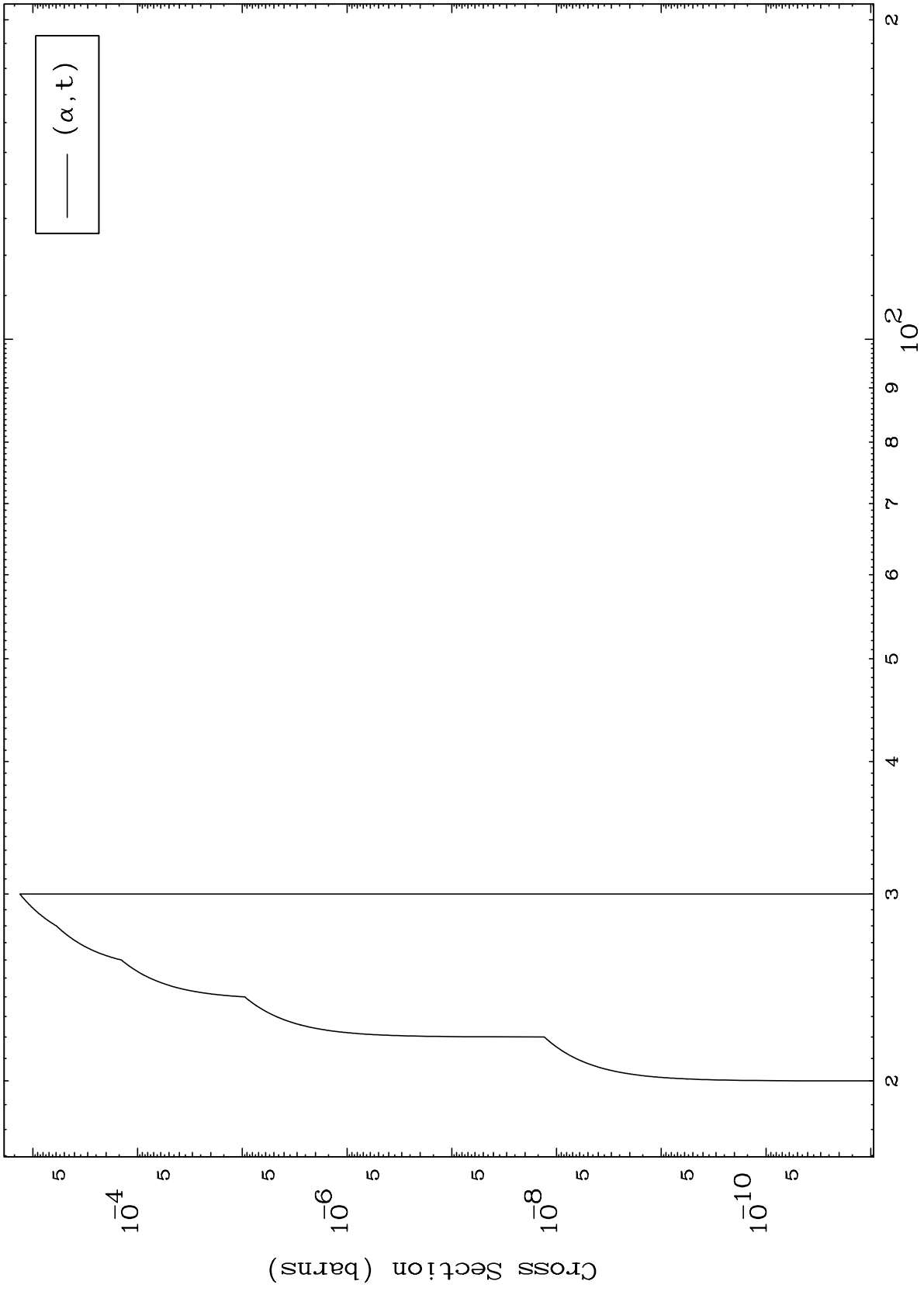
Incident Energy (MeV)

44-Ru-93

MAT 4416

(α, t) Levels
0 Kelvin Cross Sections

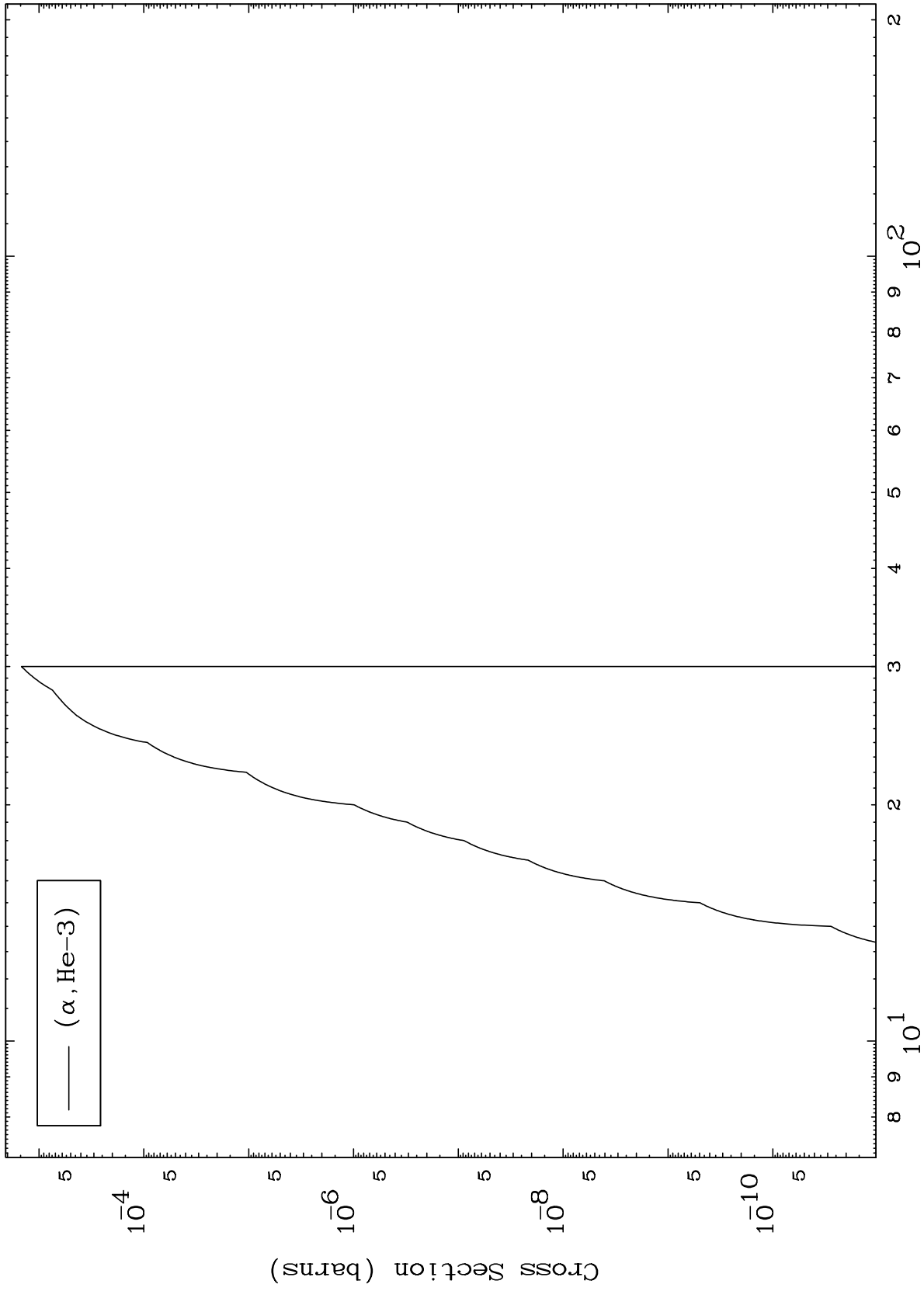
44-Ru-93



8

Incident Energy (MeV)

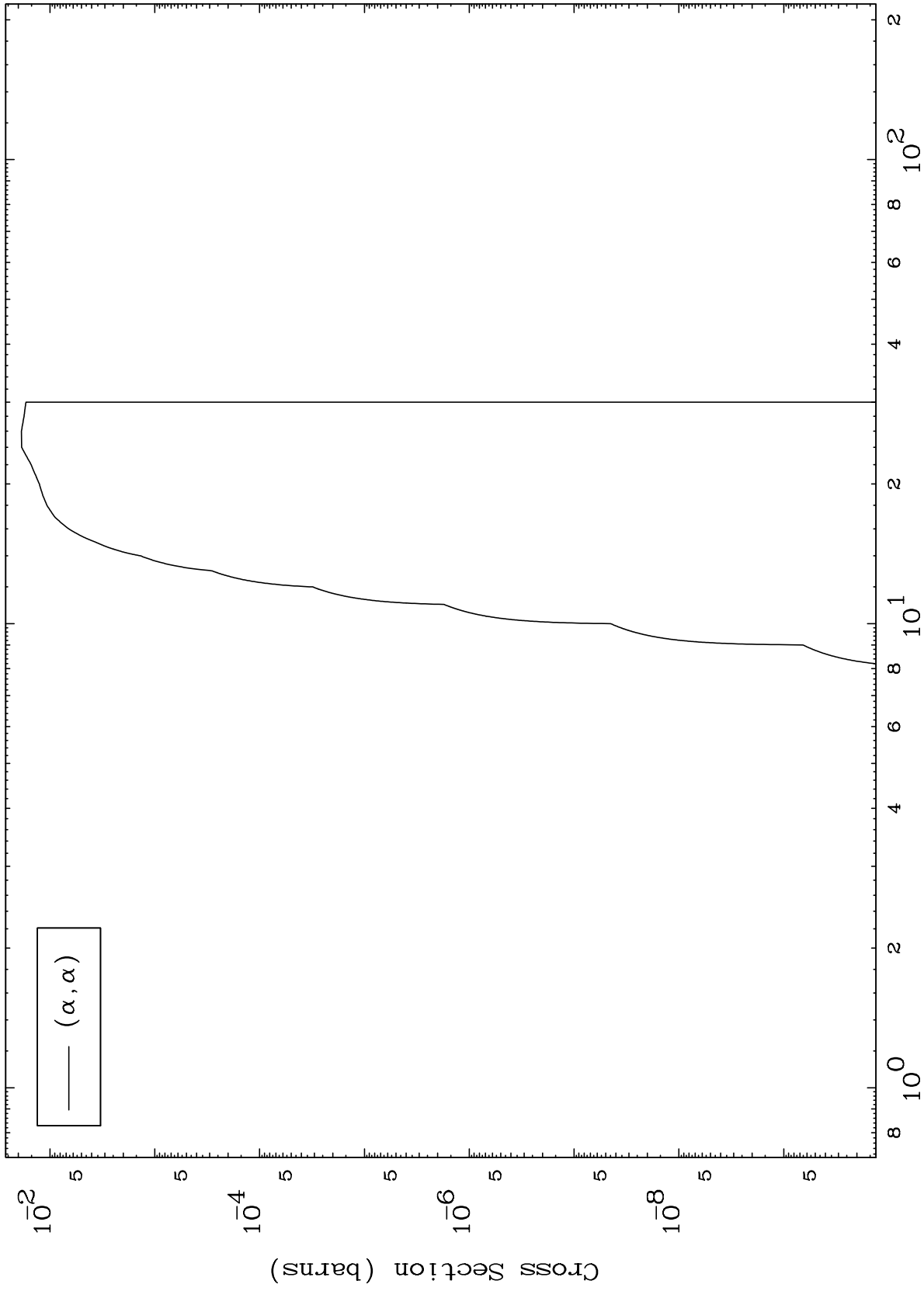
44-Ru-93



MAT 4416

(α, α) Levels
0 Kelvin Cross Sections

44-Ru-93



10

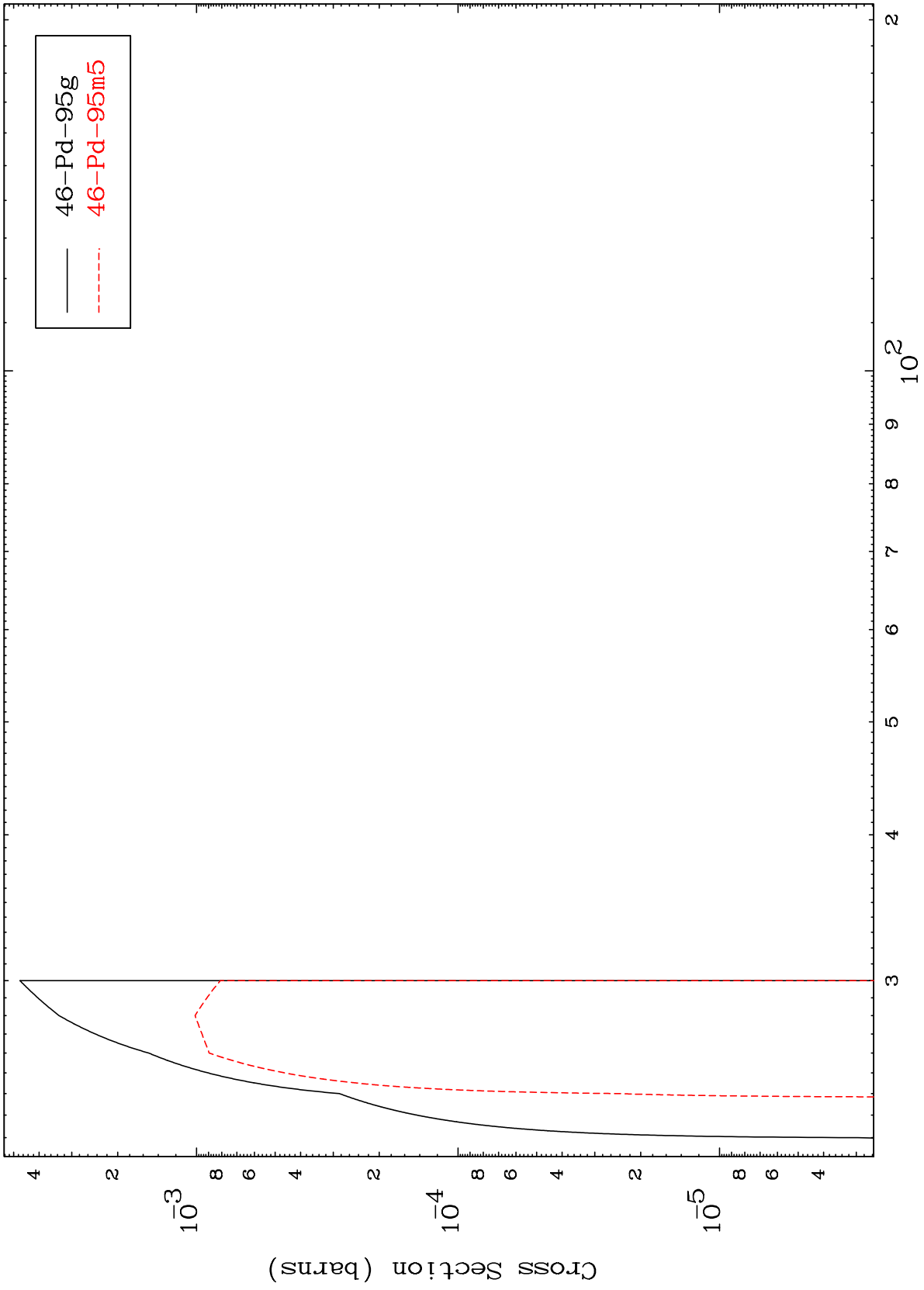
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

($\alpha, 2n$)
Radionuclide Production Cross Section



11

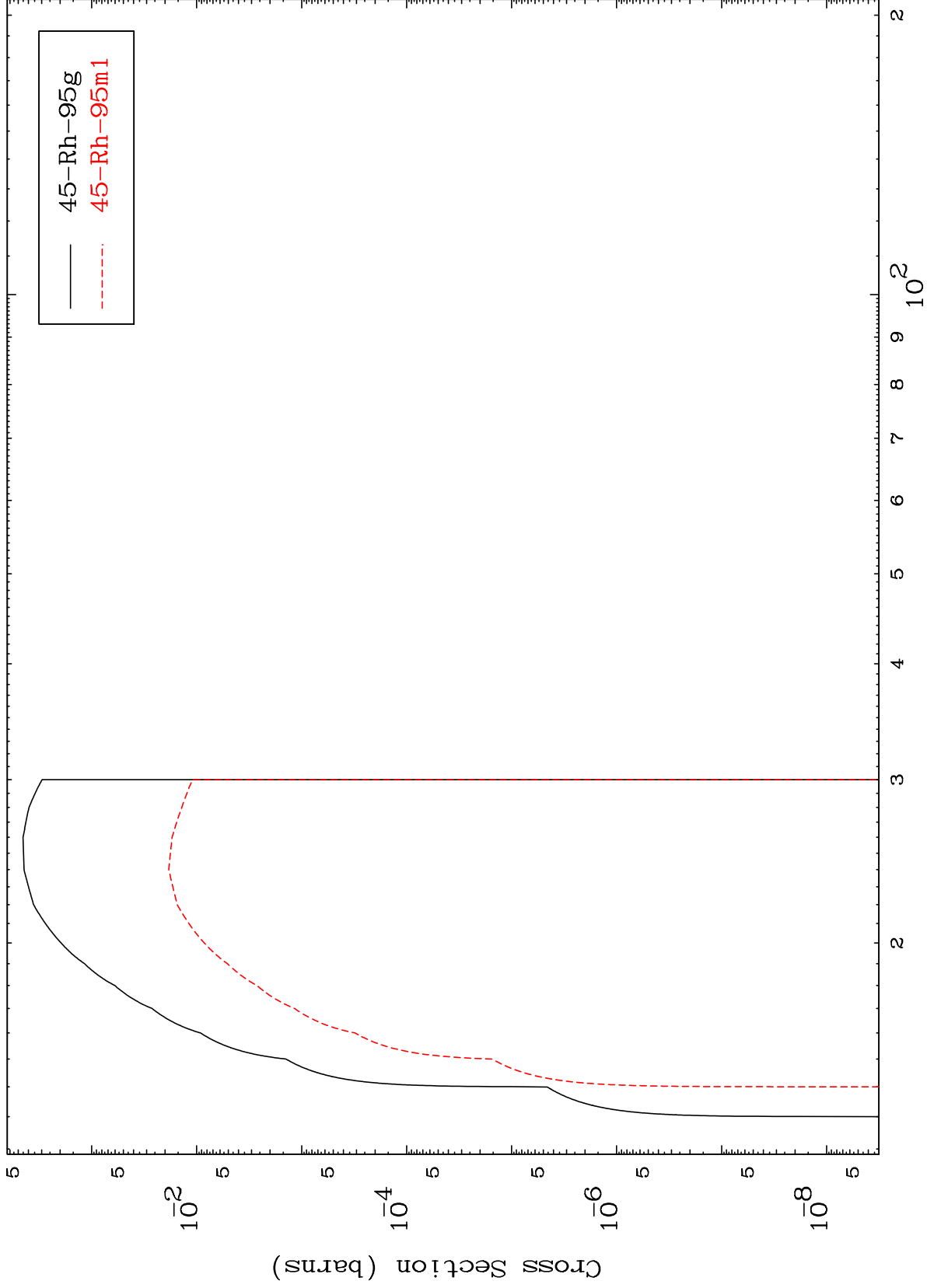
44-Ru-93

MAT 4416

(α, n') p

44-Ru-93

Radionuclide Production Cross Section



12

Incident Energy (MeV)

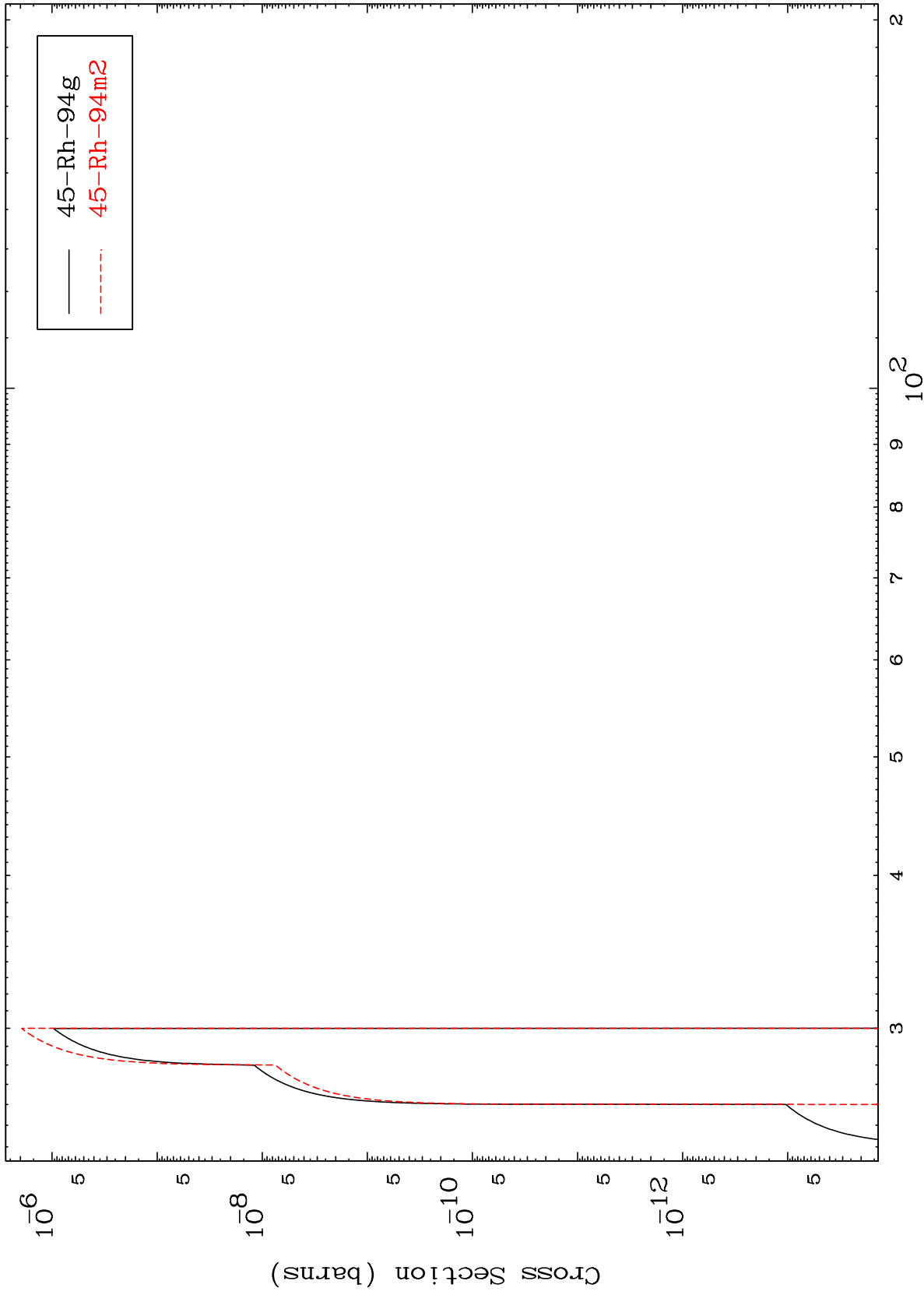
44-Ru-93

MAT 4416

(α, n') d

44-Ru-93

Radionuclide Production Cross Section



13

Incident Energy (MeV)

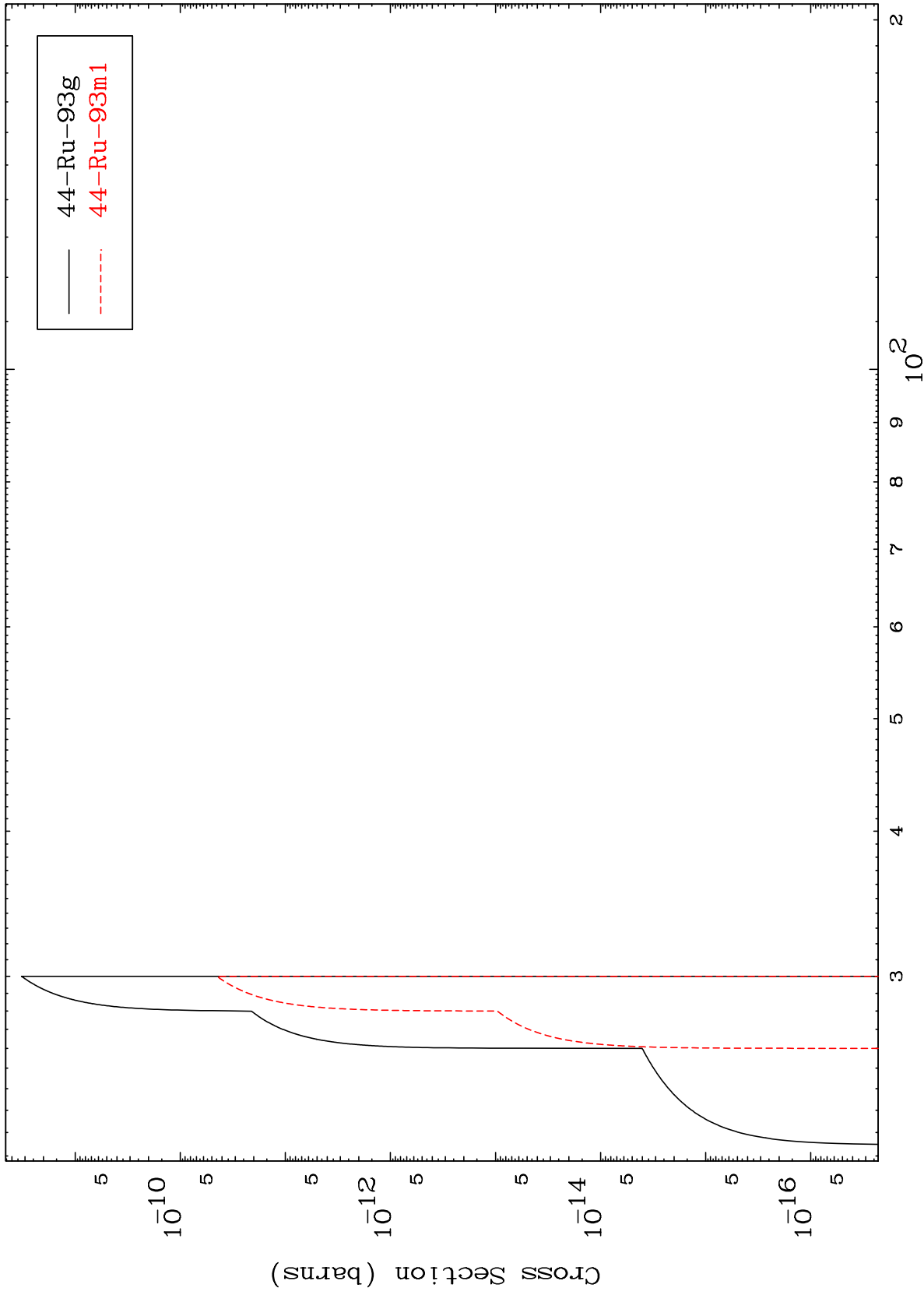
44-Ru-93

MAT 4416

(α, n') He-3

44-Ru-93

Radionuclide Production Cross Section



14

Incident Energy (MeV)

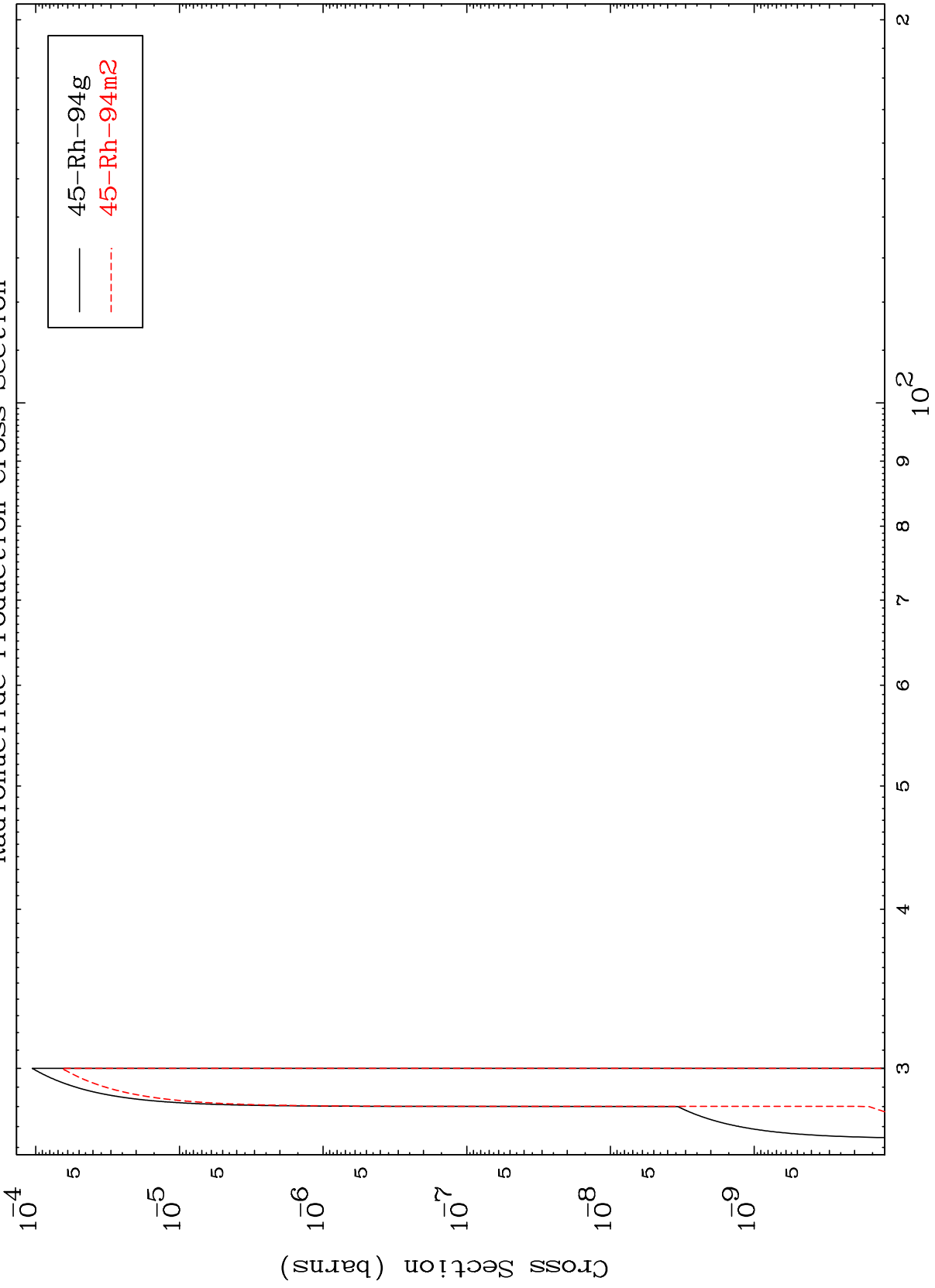
44-Ru-93

MAT 4416

($\alpha, 2n$) p

44-Ru-93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

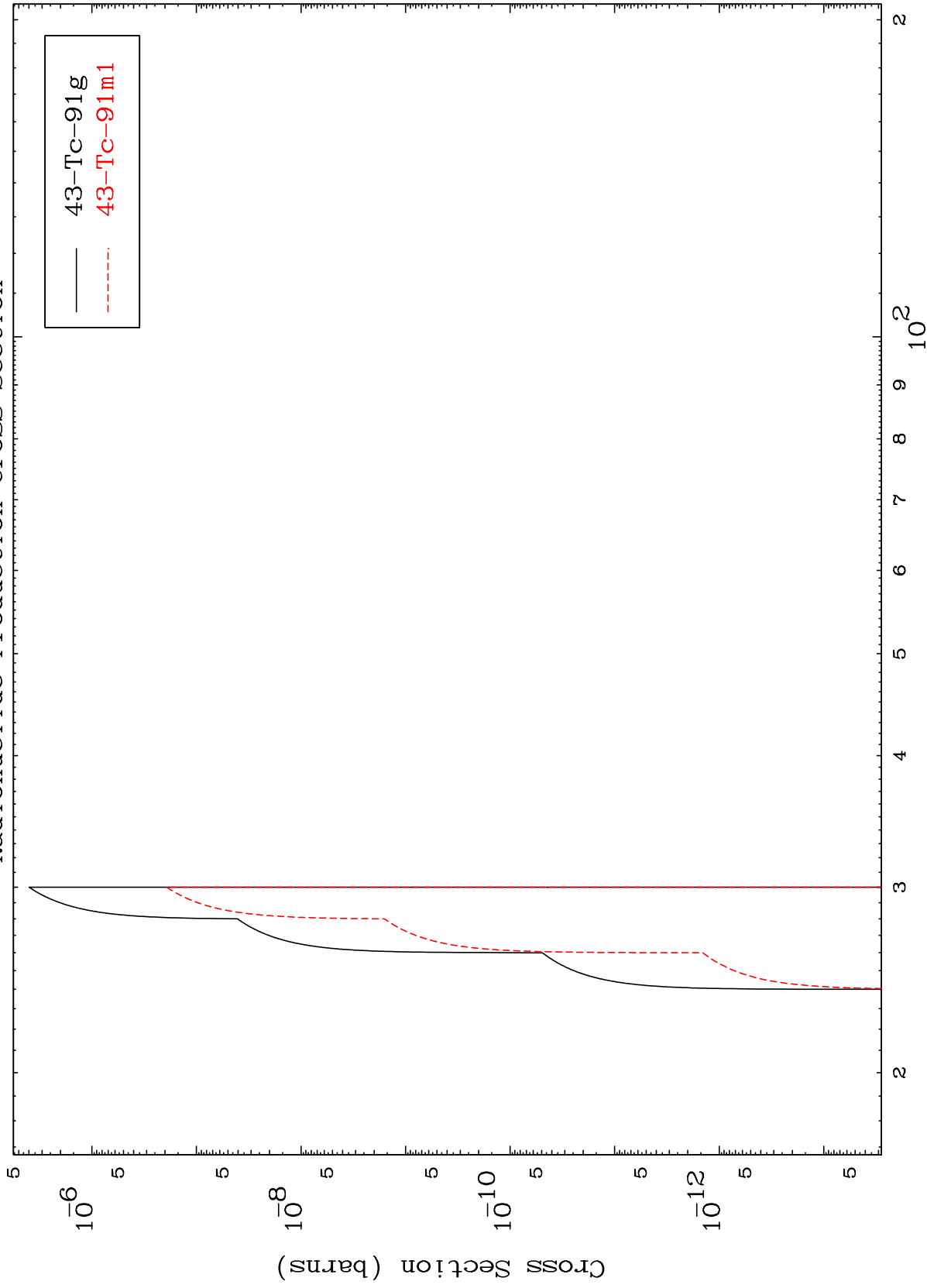
44-Ru-93

MAT 4416

(α, n') p α

44-Ru-93

Radionuclide Production Cross Section



16

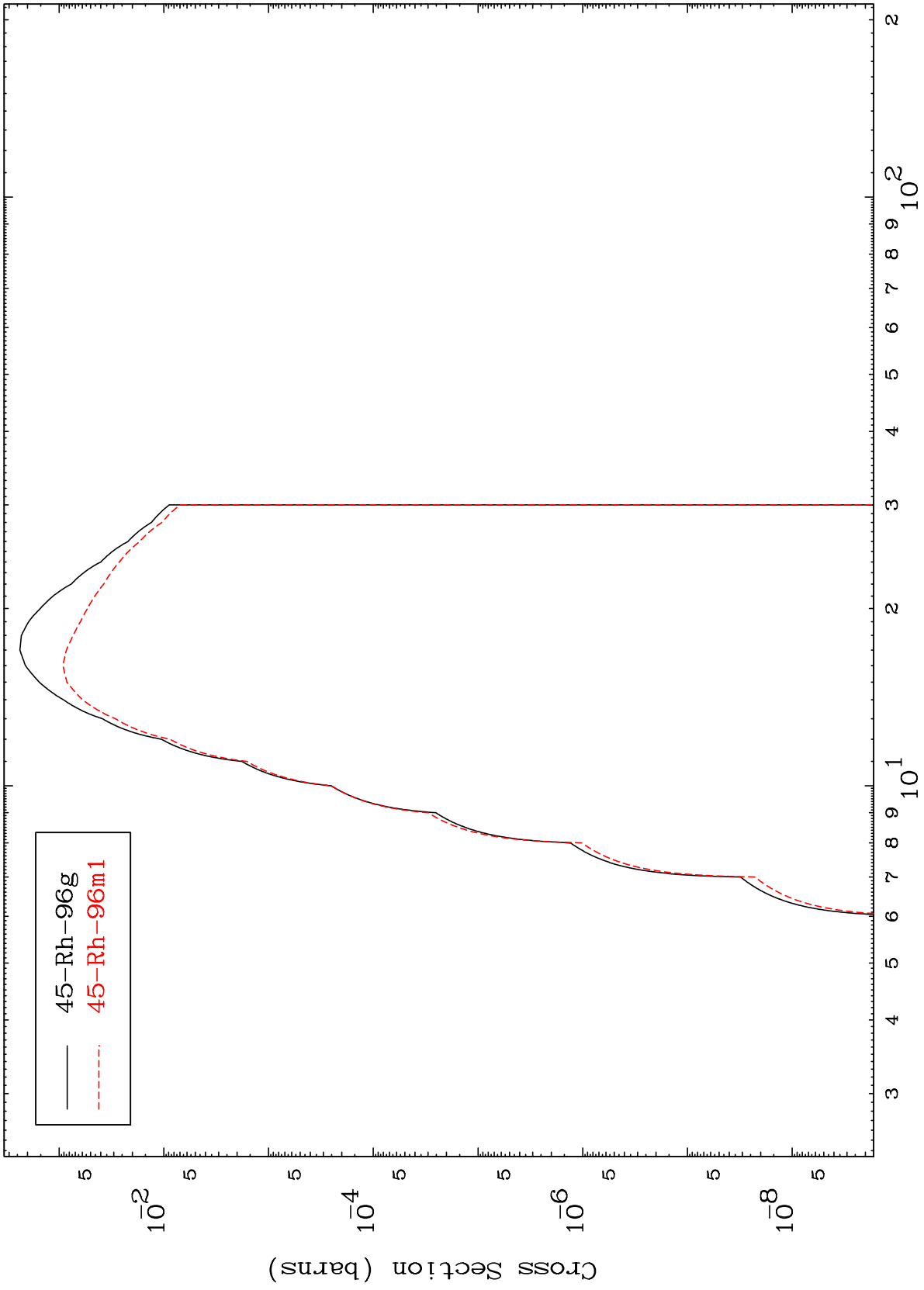
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

Radionuclide Production Cross Section
(α, p)



17

Incident Energy (MeV)

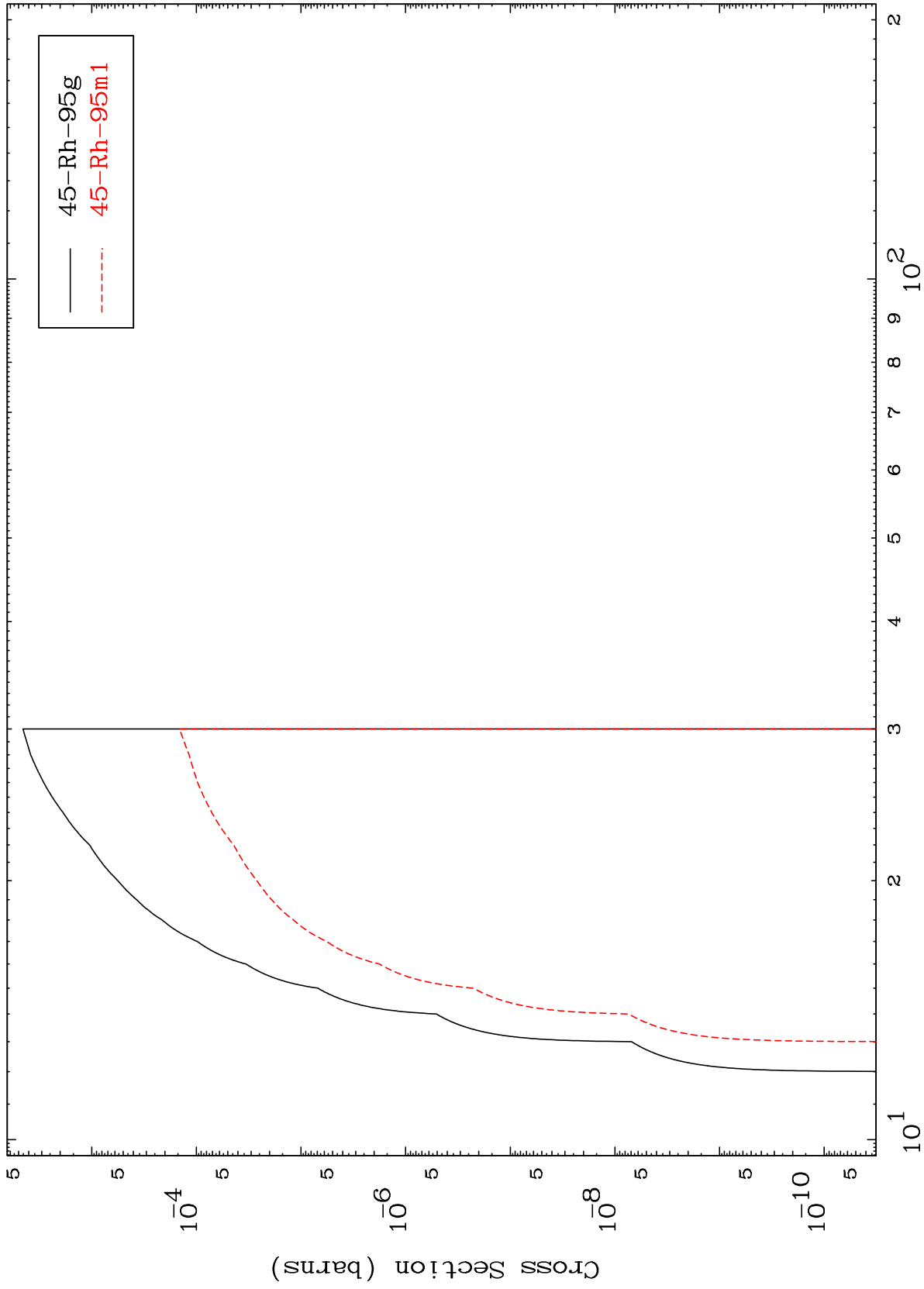
44-Ru-93

MAT 4416

(α, d)

44-Ru-93

Radionuclide Production Cross Section



18

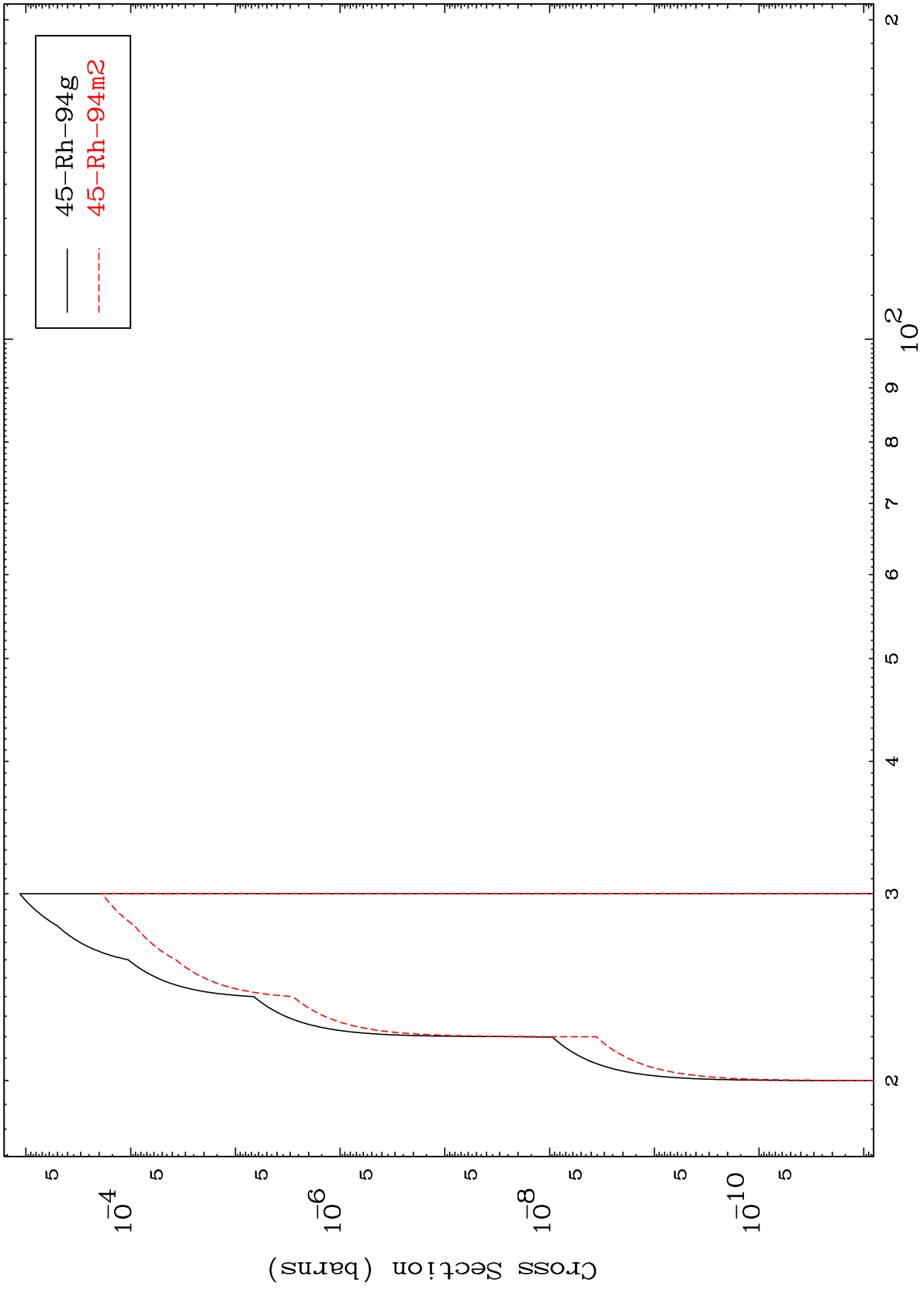
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

(α, t)
Radionuclide Production Cross Section



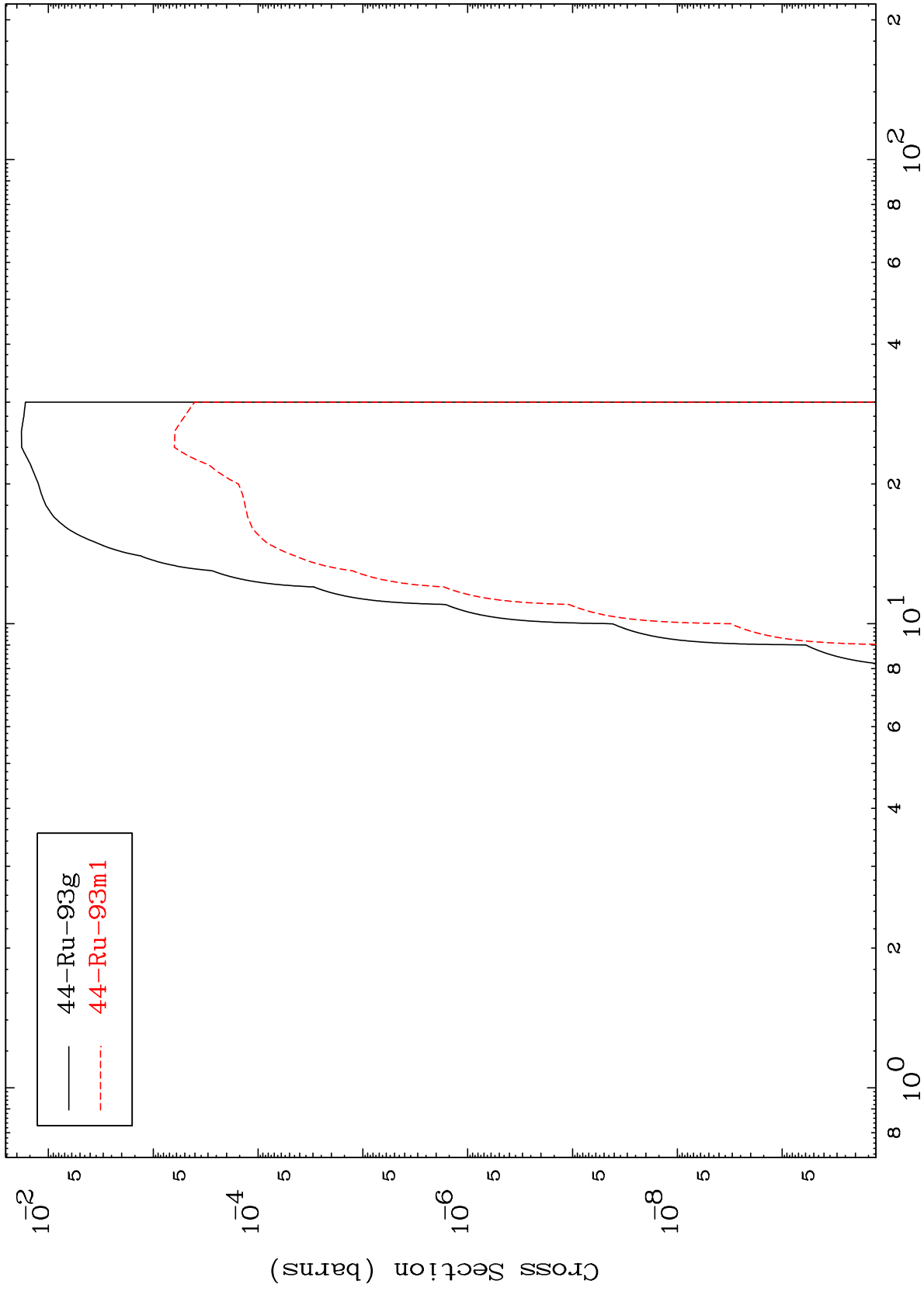
19

44-Ru-93

MAT 4416

44-Ru-93

Radionuclide Production Cross Section



44-Ru-93g
44-Ru-93m1

20

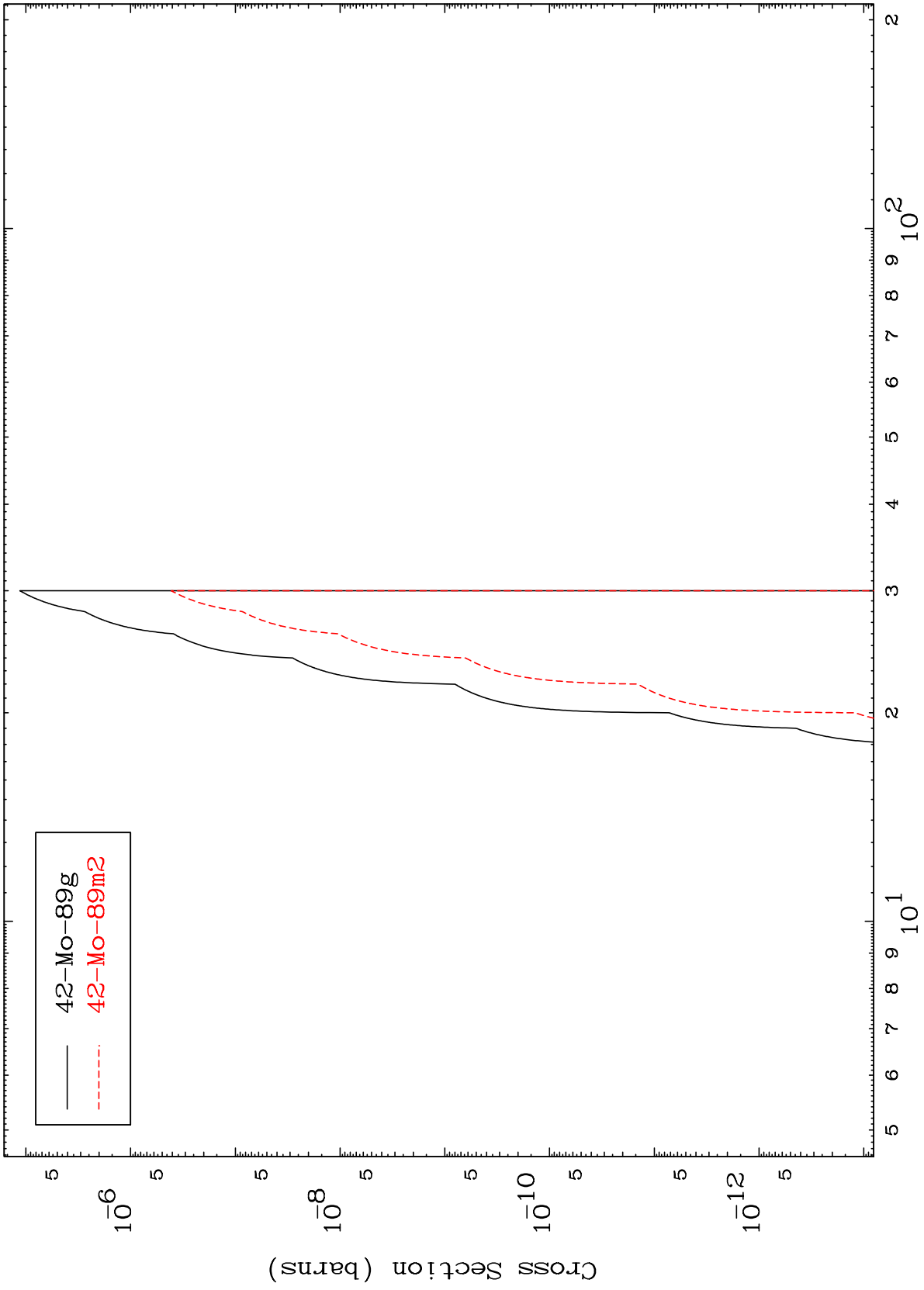
Incident Energy (MeV)

44-Ru-93

MAT 4416

44-Ru-93

($\alpha, 2\alpha$)
Radionuclide Production Cross Section



21

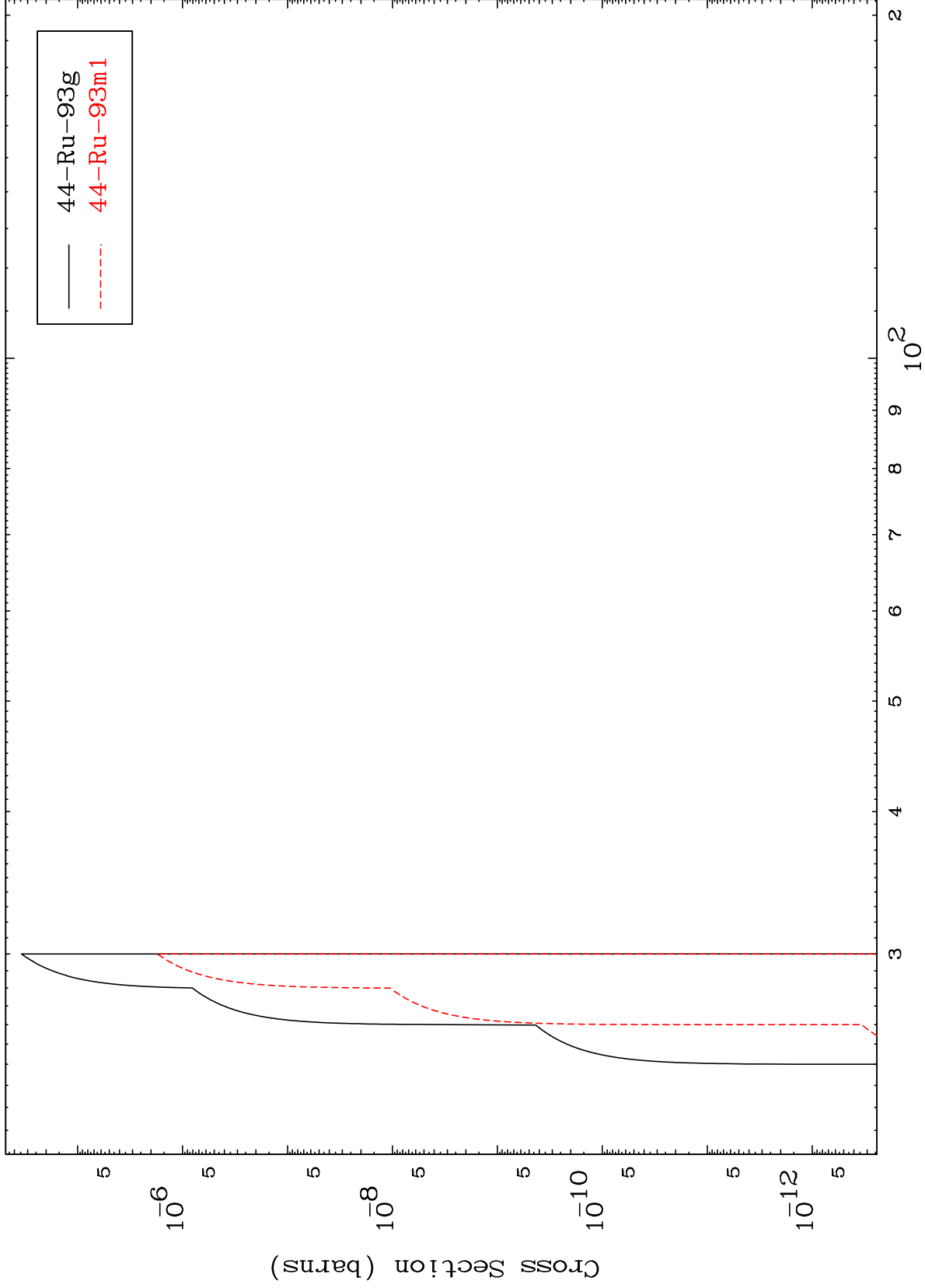
44-Ru-93

MAT 4416

(α, p) t

44-Ru-93

Radionuclide Production Cross Section



22

Incident Energy (MeV)

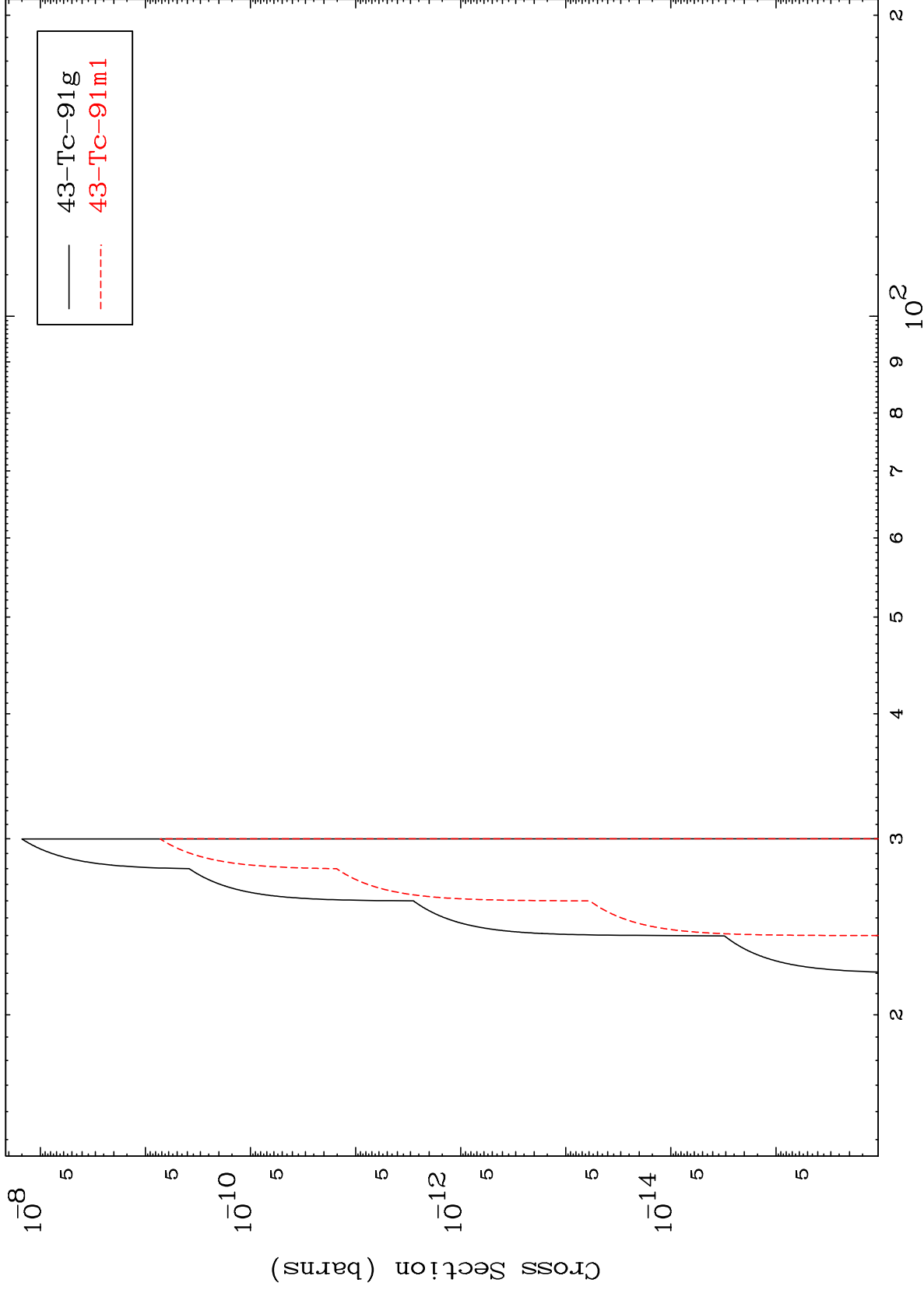
44-Ru-93

MAT 4416

(α, d) α

44-Ru-93

Radionuclide Production Cross Section



23

Incident Energy (MeV)

44-Ru-93