

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

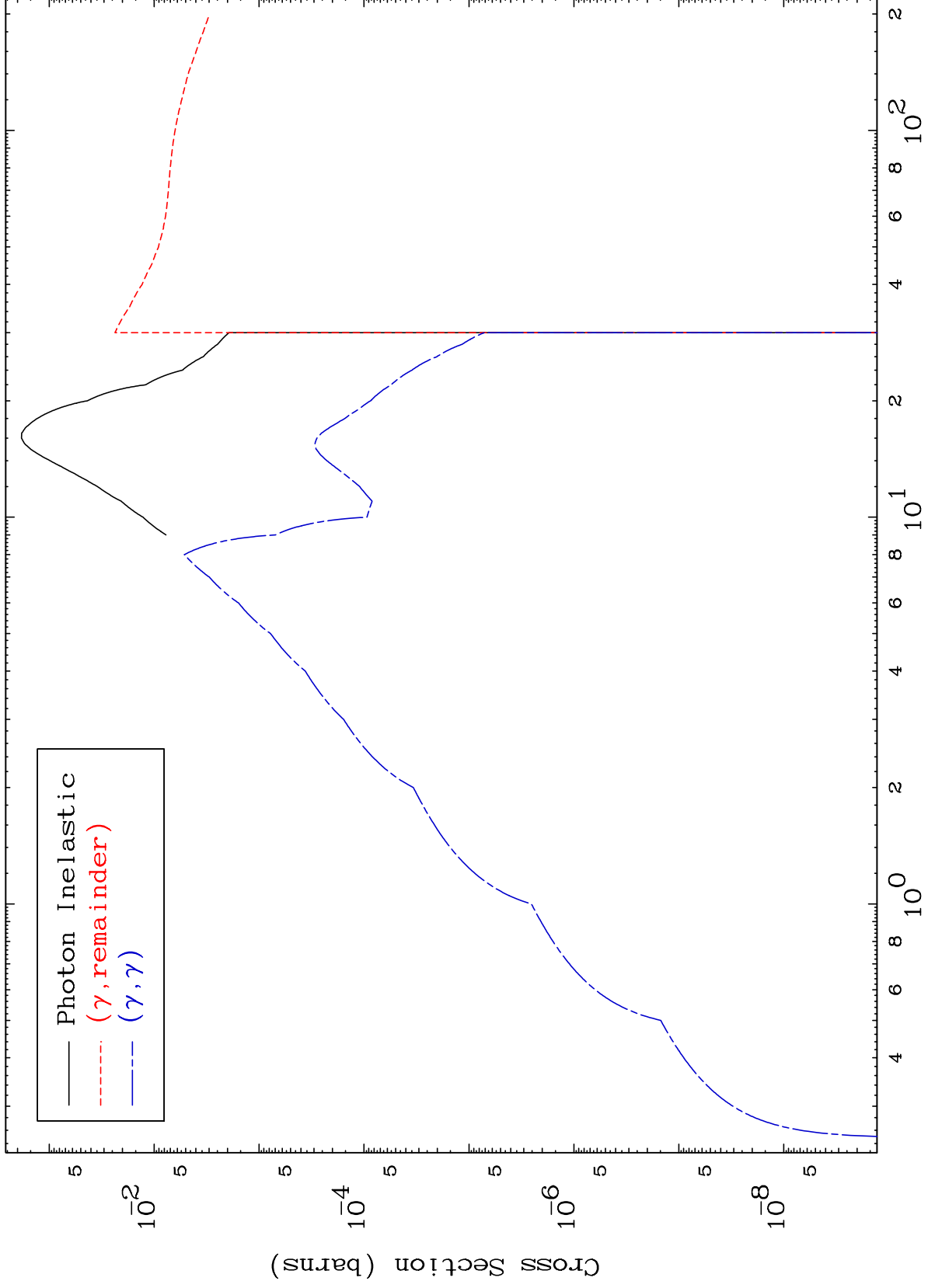
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4428

Photon Major
0 Kelvin Cross Sections

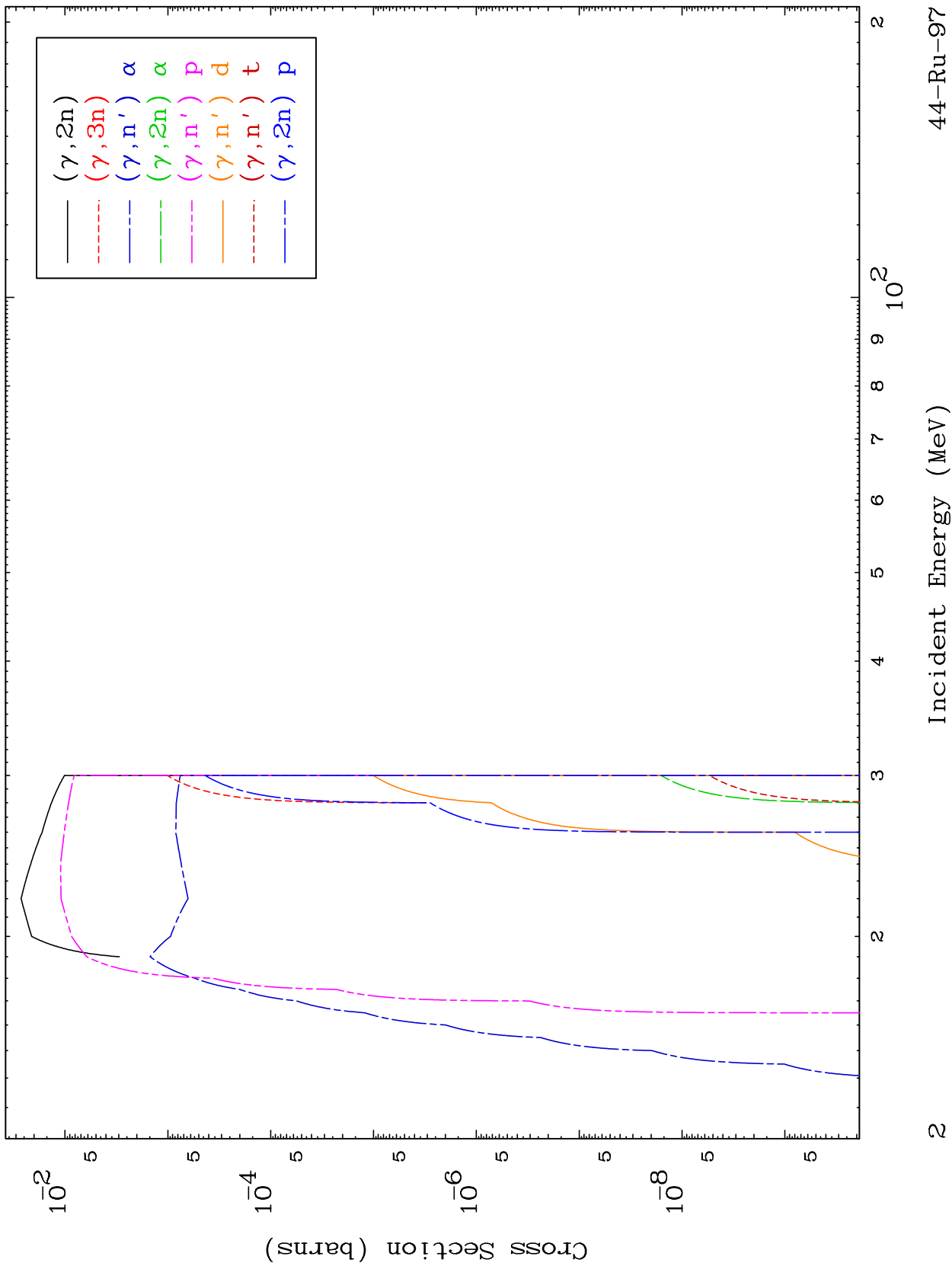
44-Ru-97

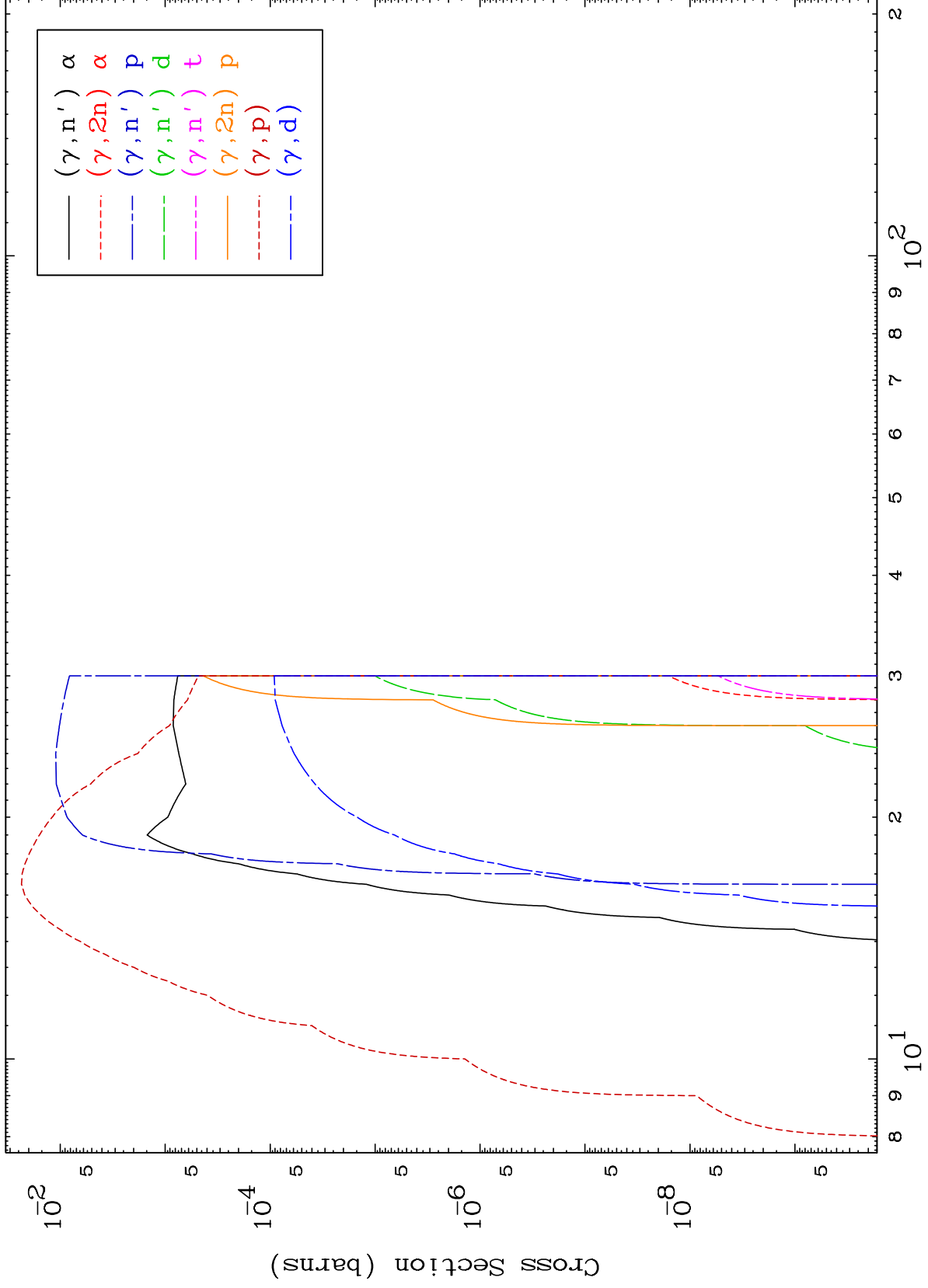


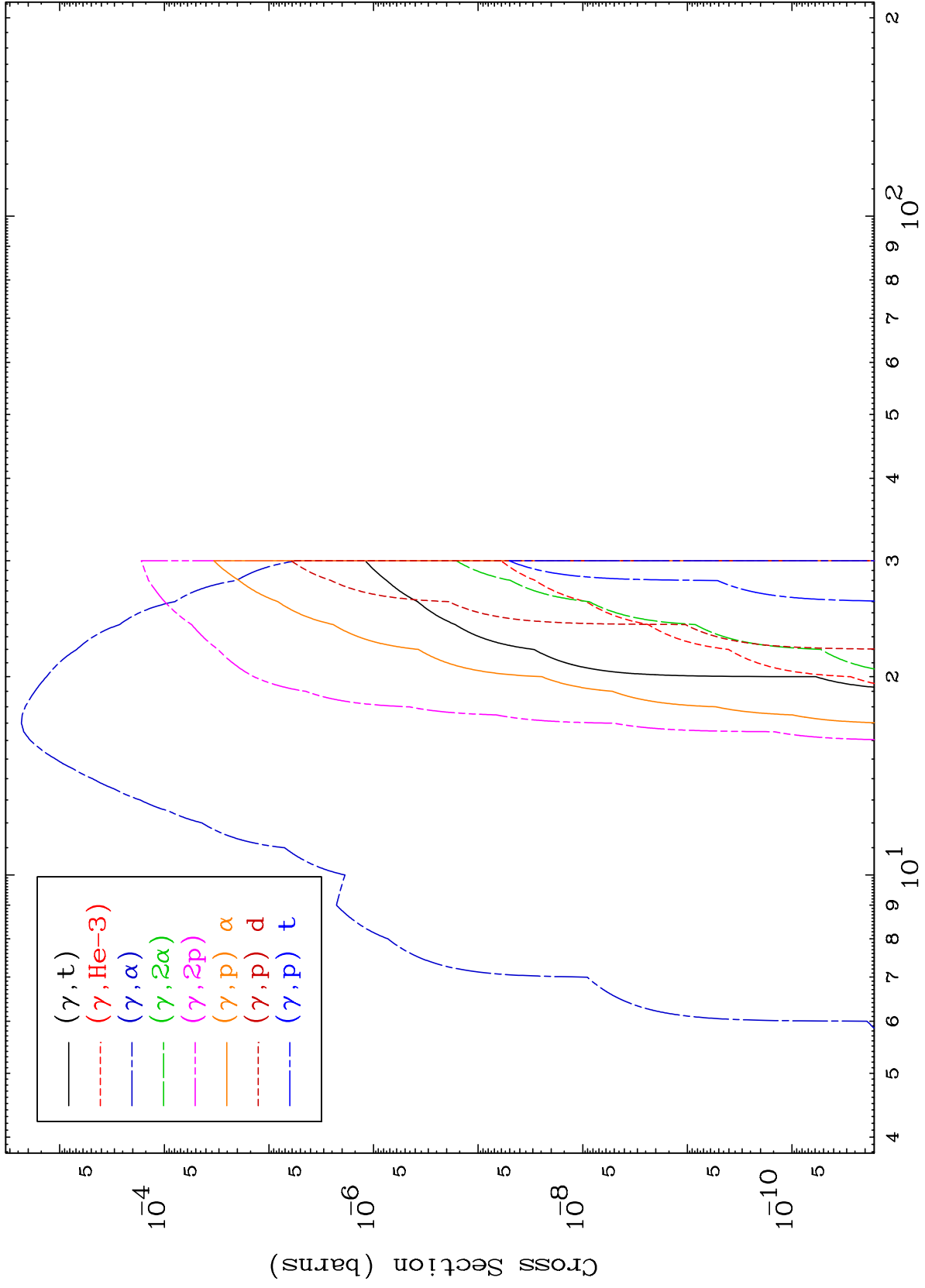
1

Incident Energy (MeV)

44-Ru-97





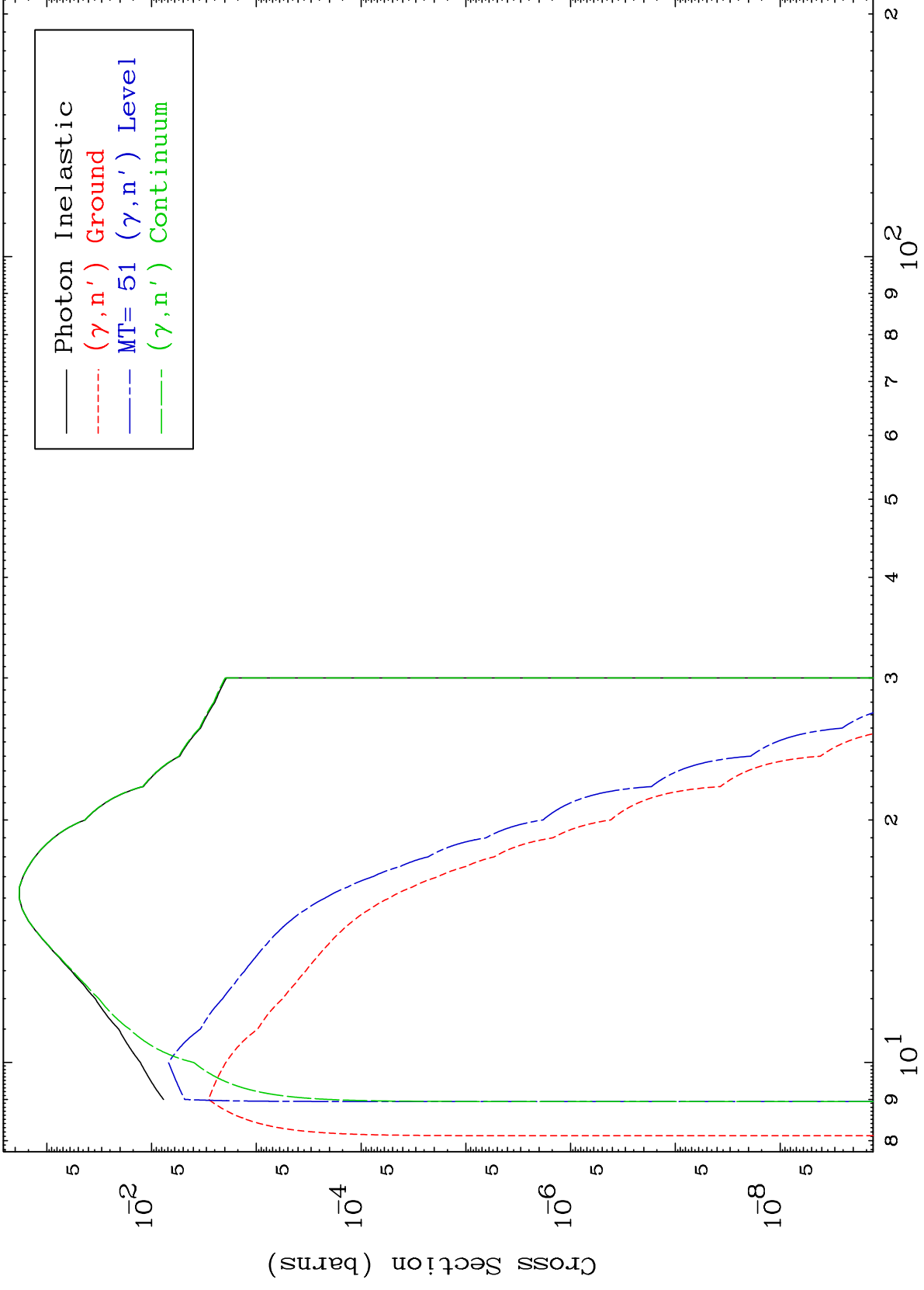


MAT 4428

(γ, n') Level

44-Ru-97

0 Kelvin Cross Sections



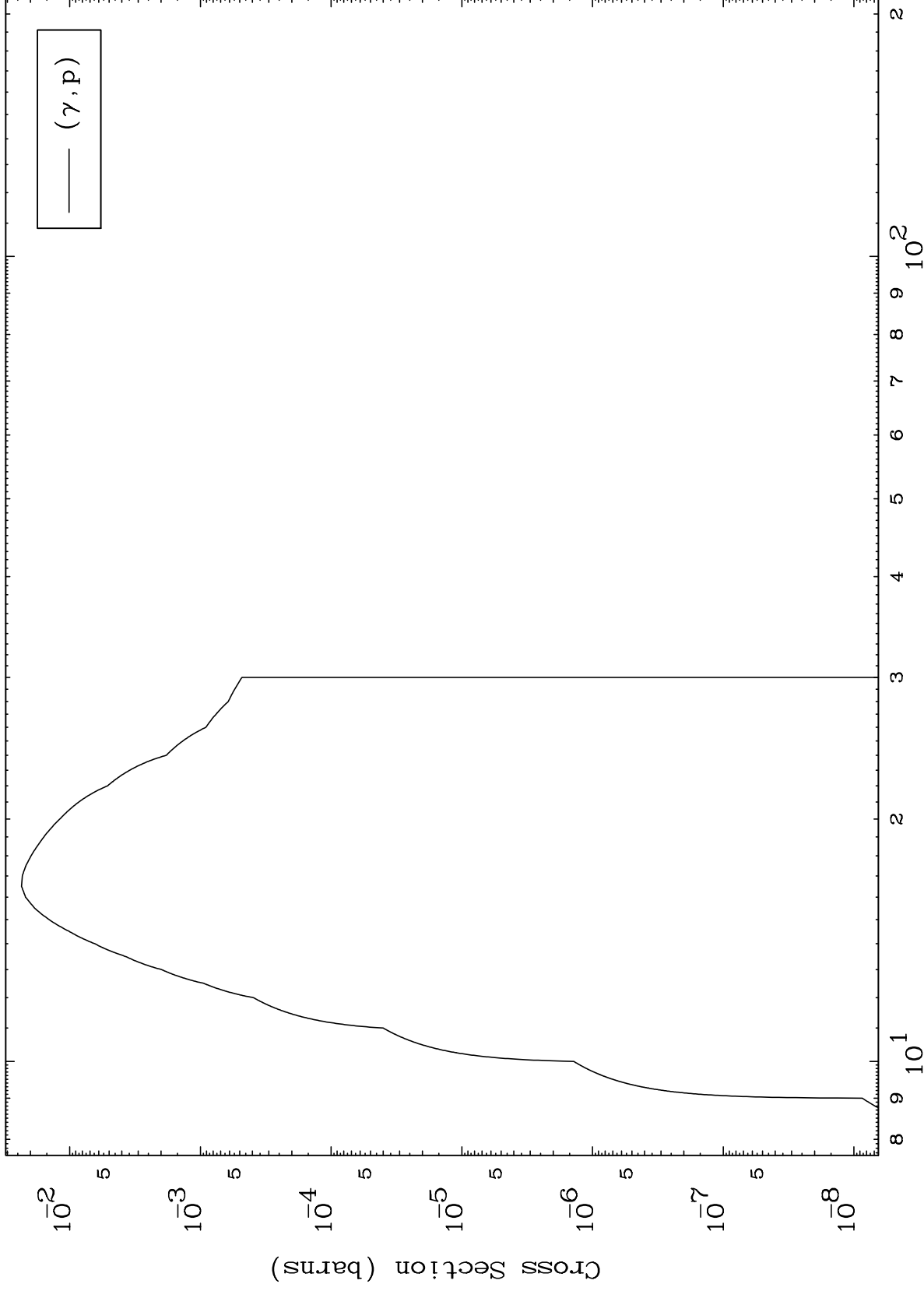
Incident Energy (MeV)

44-Ru-97

MAT 4428

(γ, p) Levels
0 Kelvin Cross Sections

44-Ru-97



Incident Energy (MeV)

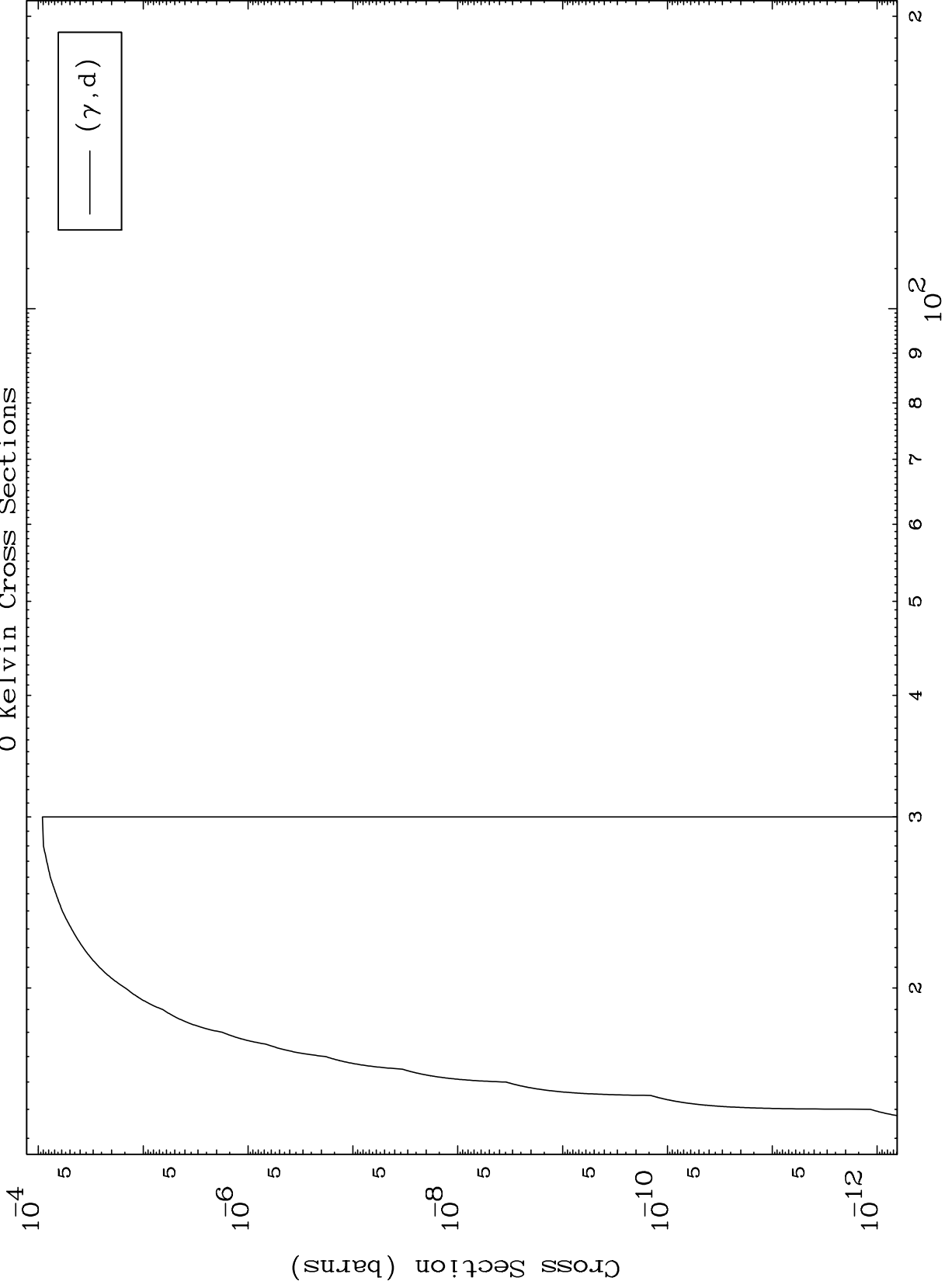
44-Ru-97

6

MAT 4428

(γ, d) Levels
0 Kelvin Cross Sections

44-Ru-97



7

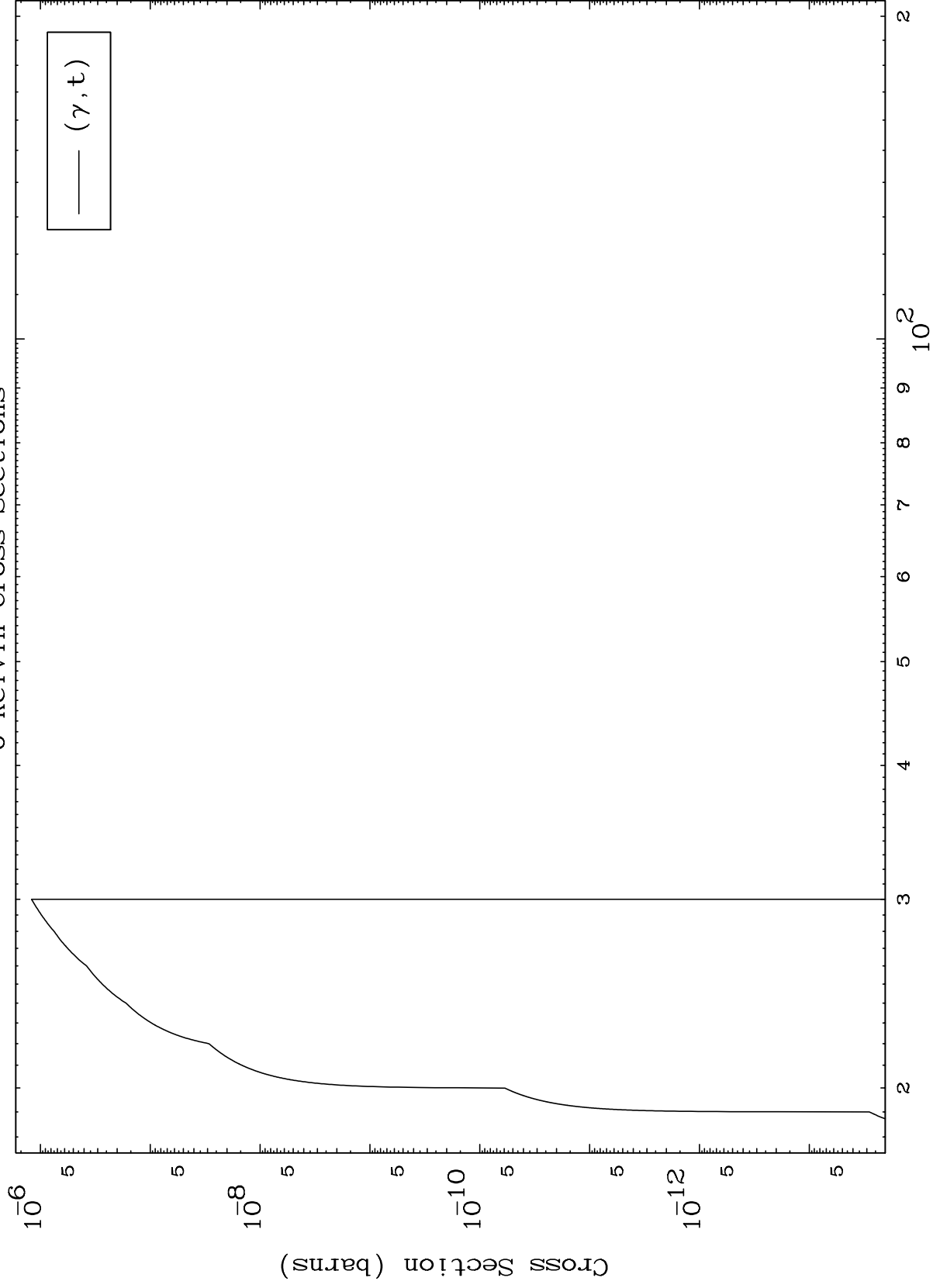
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

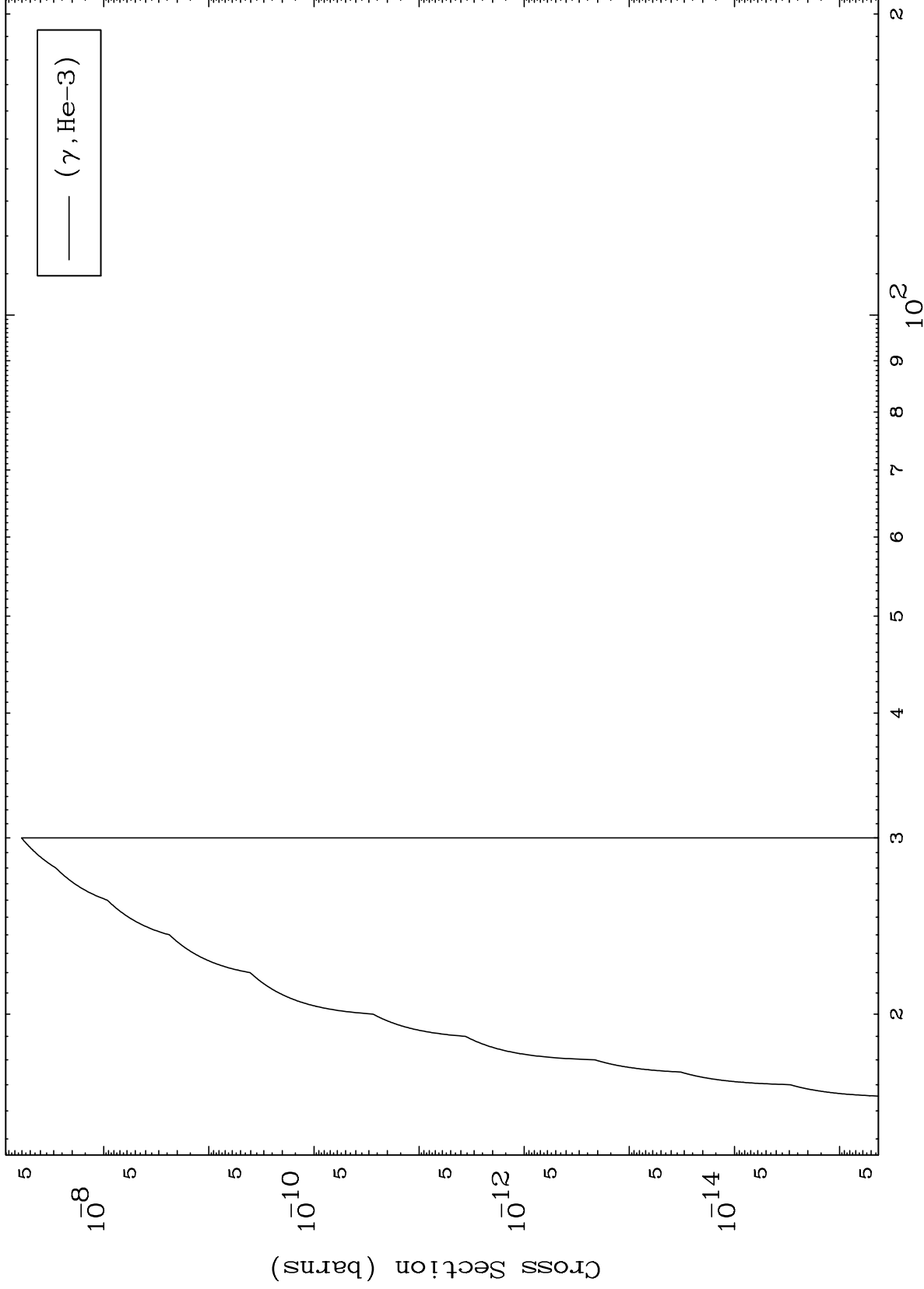
(γ, t) Levels
0 Kelvin Cross Sections



44-Ru-97

Incident Energy (MeV)

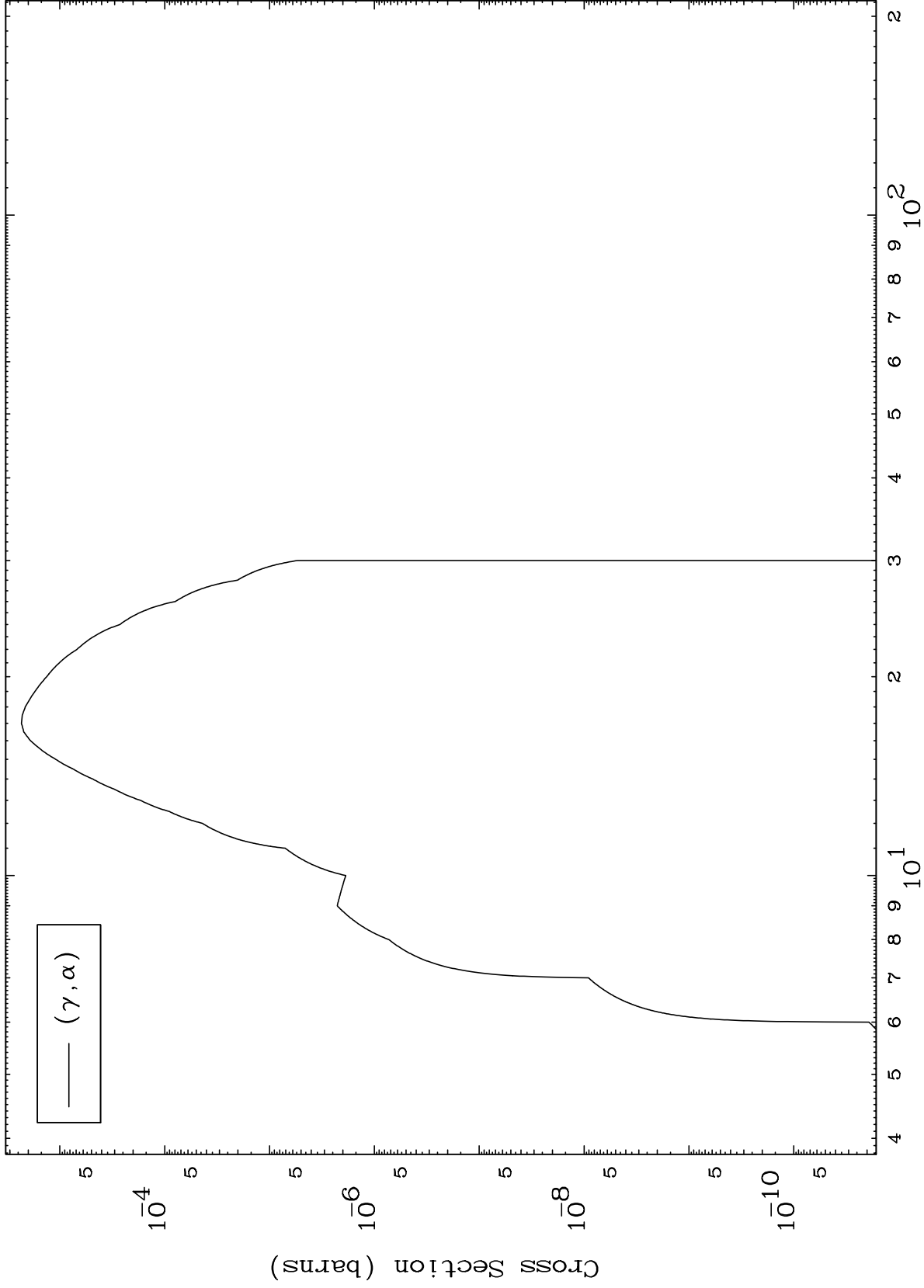
8



MAT 4428

(γ, α) Levels
0 Kelvin Cross Sections

44-Ru-97



10

Incident Energy (MeV)

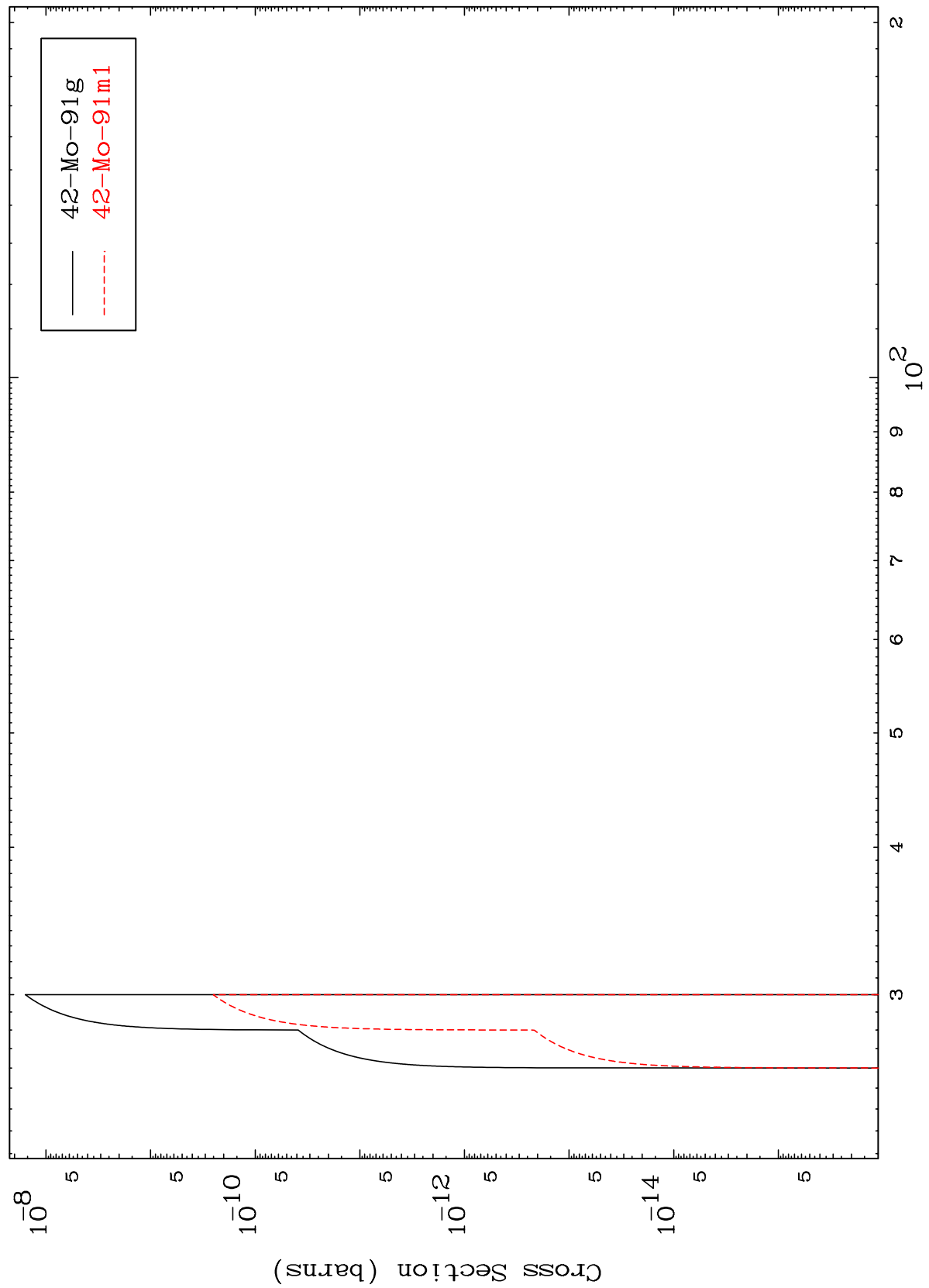
44-Ru-97

MAT 4428

$(\gamma, 2n) \alpha$

44-Ru-97

Radionuclide Production Cross Section



11

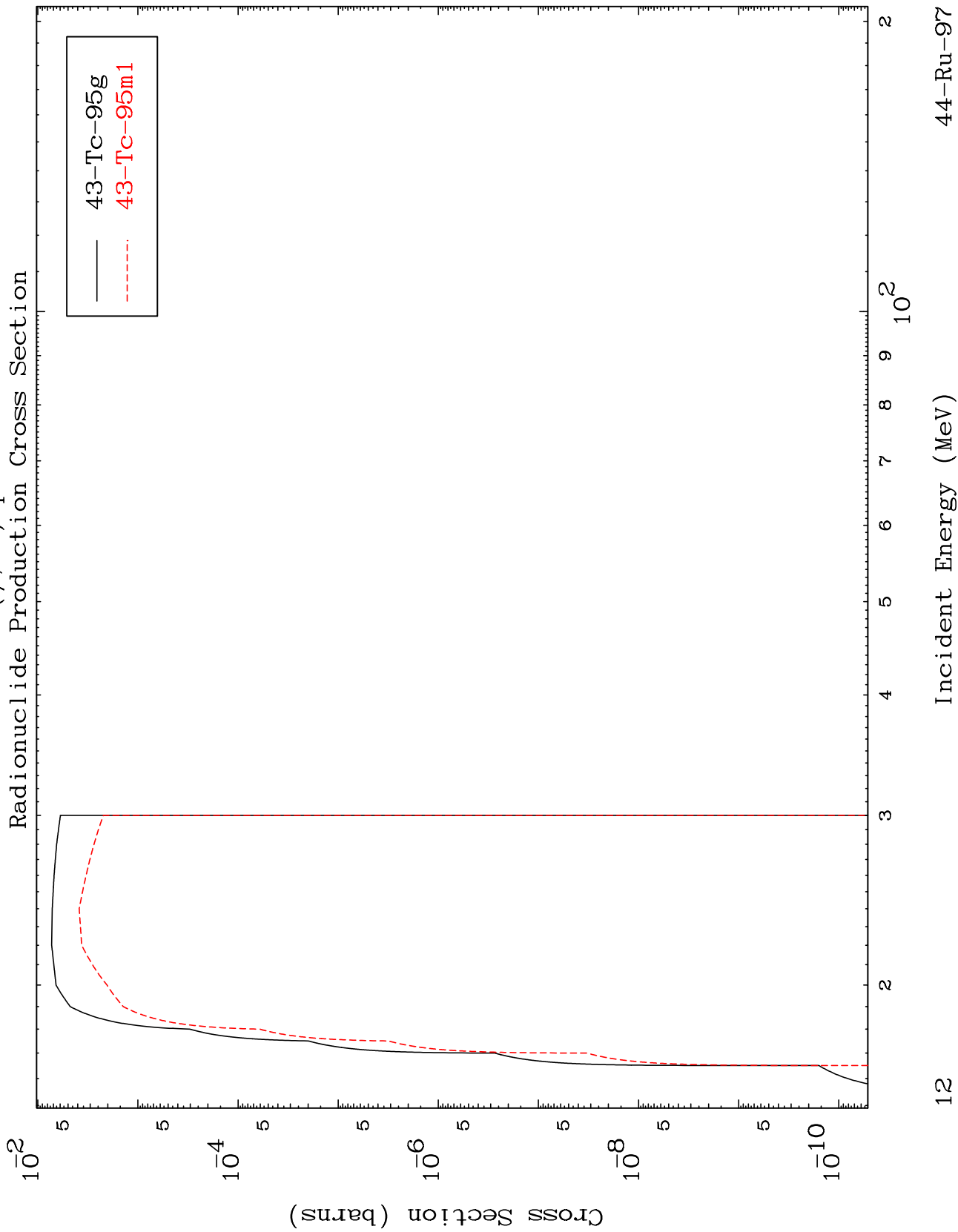
Incident Energy (MeV)

44-Ru-97

MAT 4428

(γ, n') p

44-Ru-97

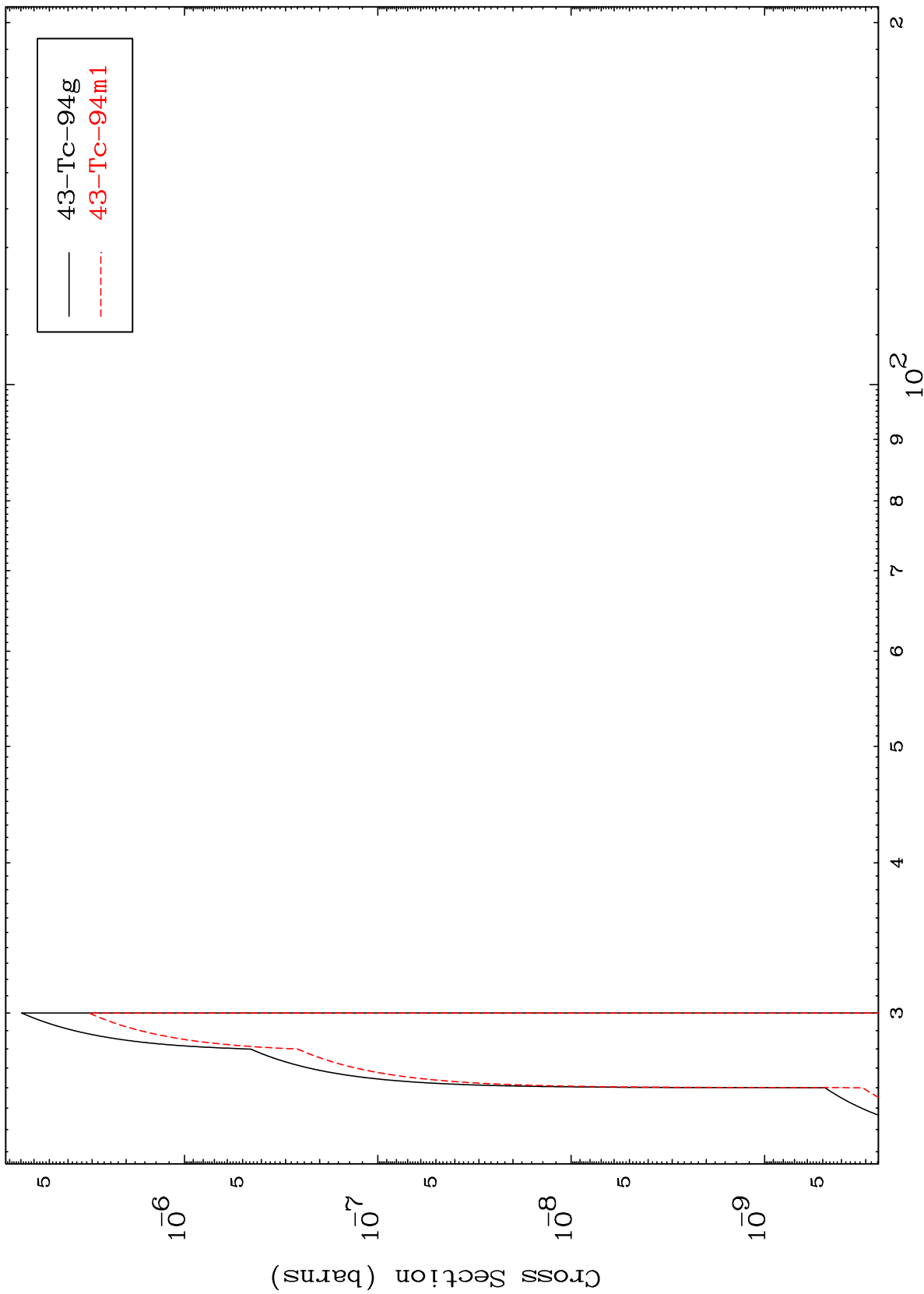


MAT 4428

(γ, n') d

44-Ru-97

Radionuclide Production Cross Section

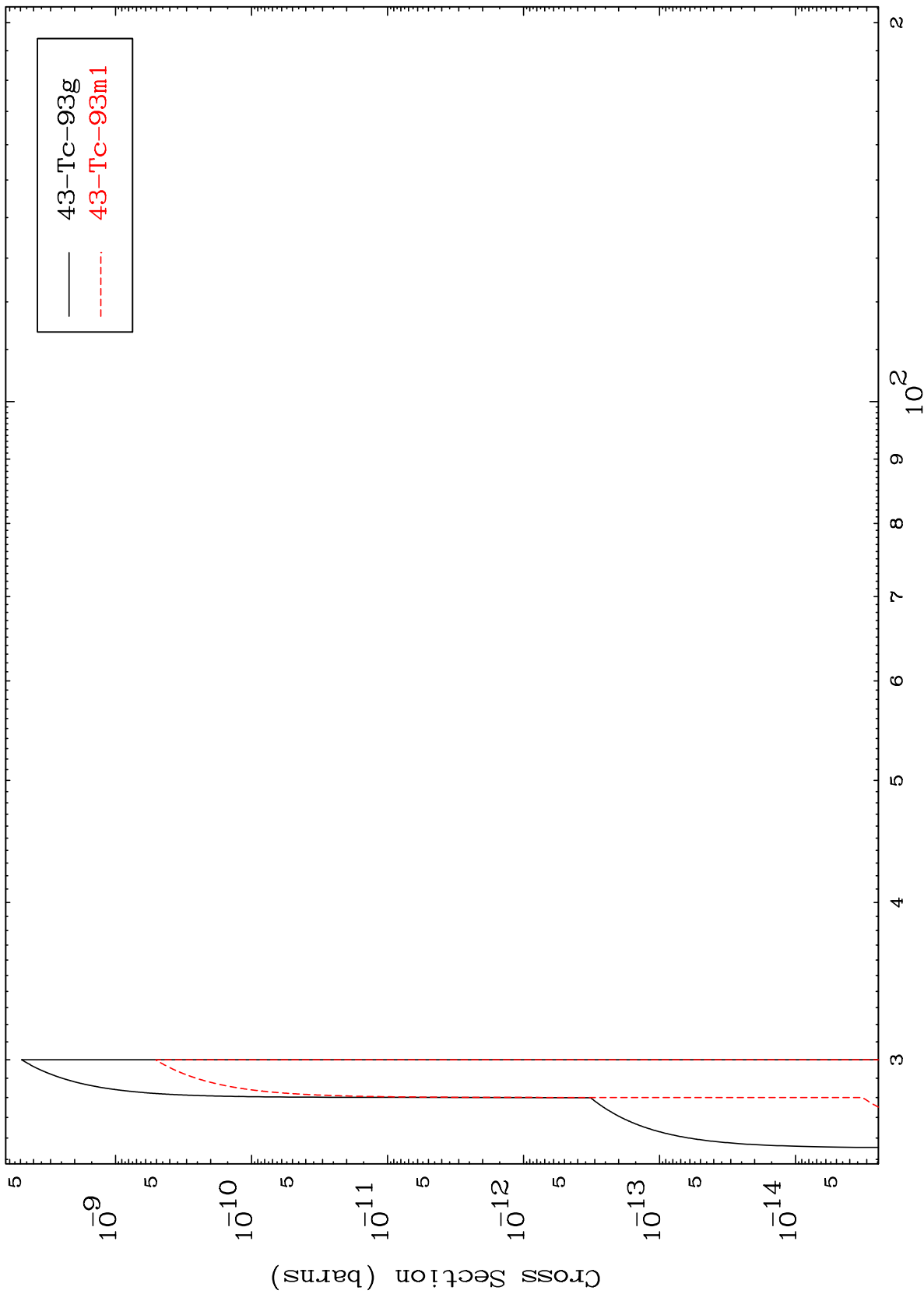


13

Incident Energy (MeV)

44-Ru-97

Radionuclide Production Cross Section



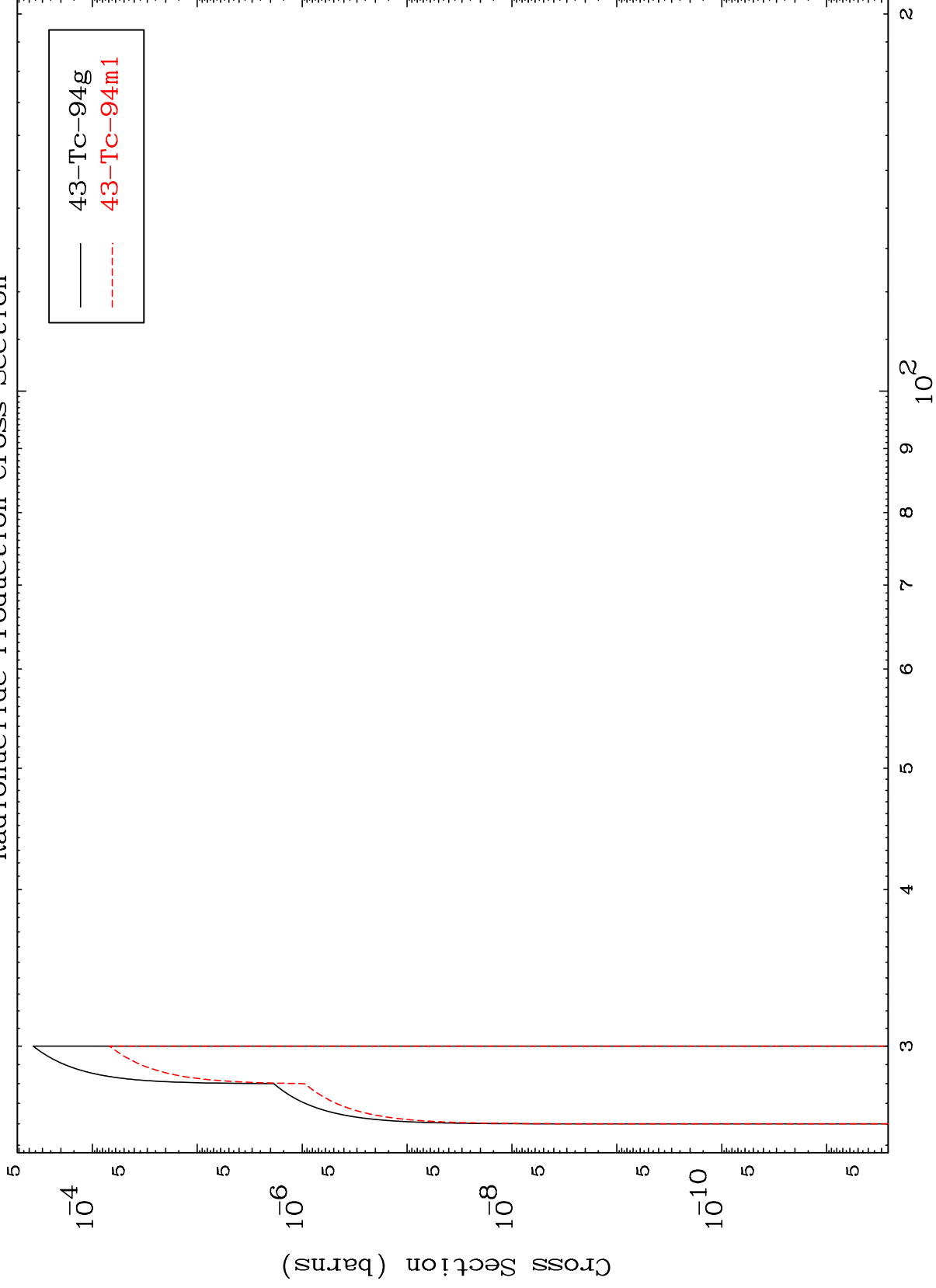
43-Tc-93g
43-Tc-93m1

MAT 4428

($\gamma, 2n$) p

44-Ru-97

Radionuclide Production Cross Section



15

Incident Energy (MeV)

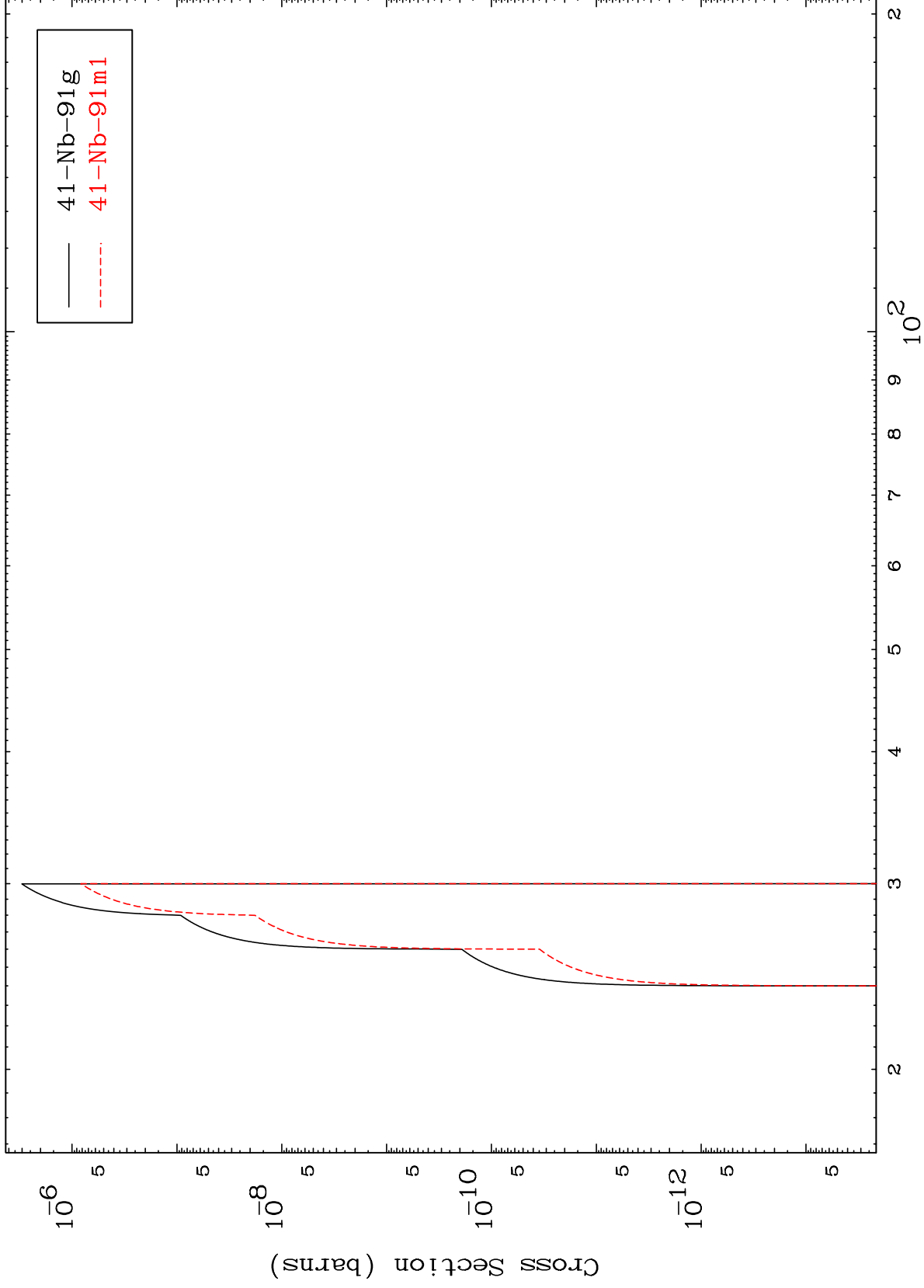
44-Ru-97

MAT 4428

(γ, n') p α

44-Ru-97

Radionuclide Production Cross Section



16

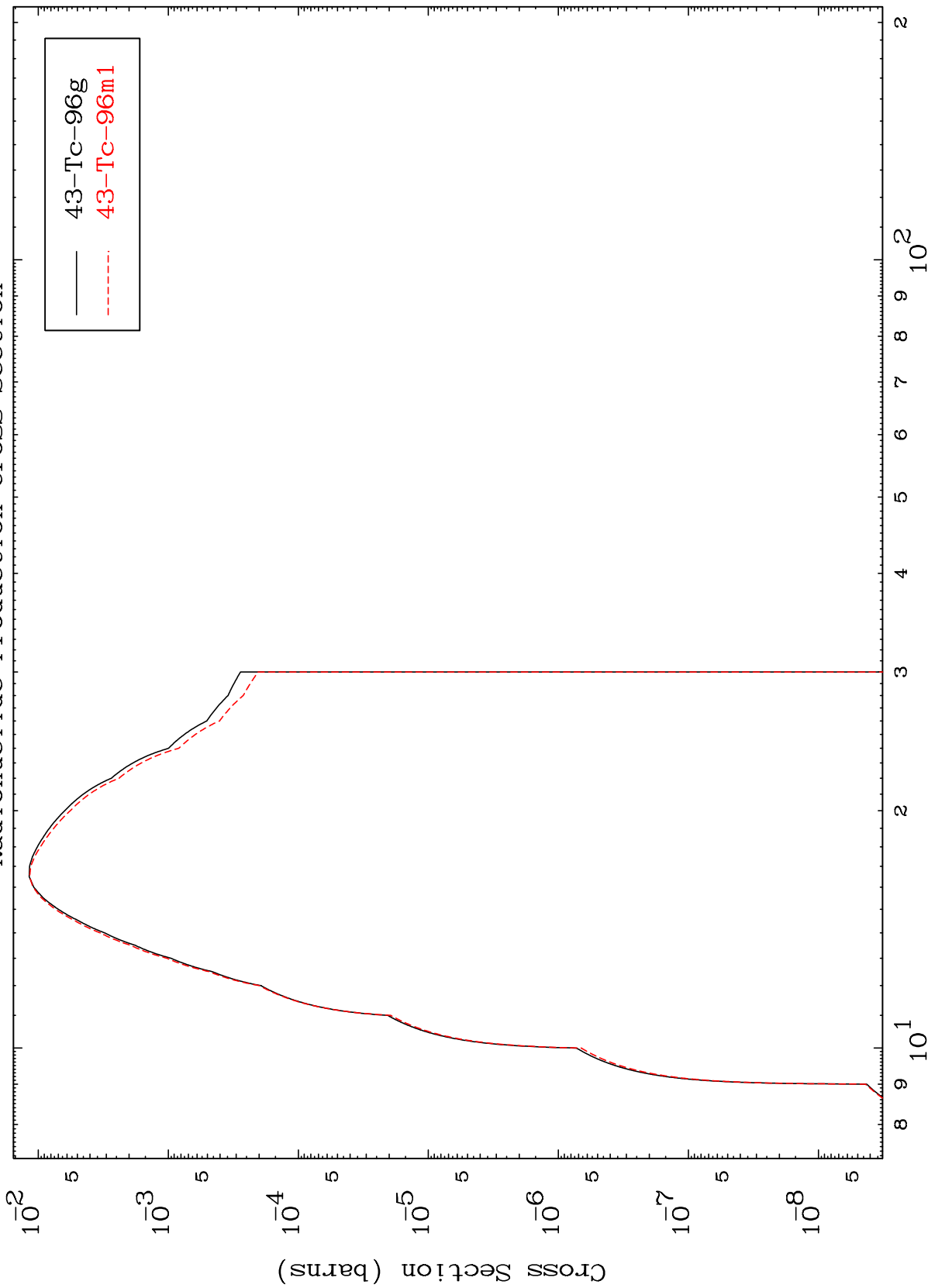
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

(γ, p)
Radionuclide Production Cross Section

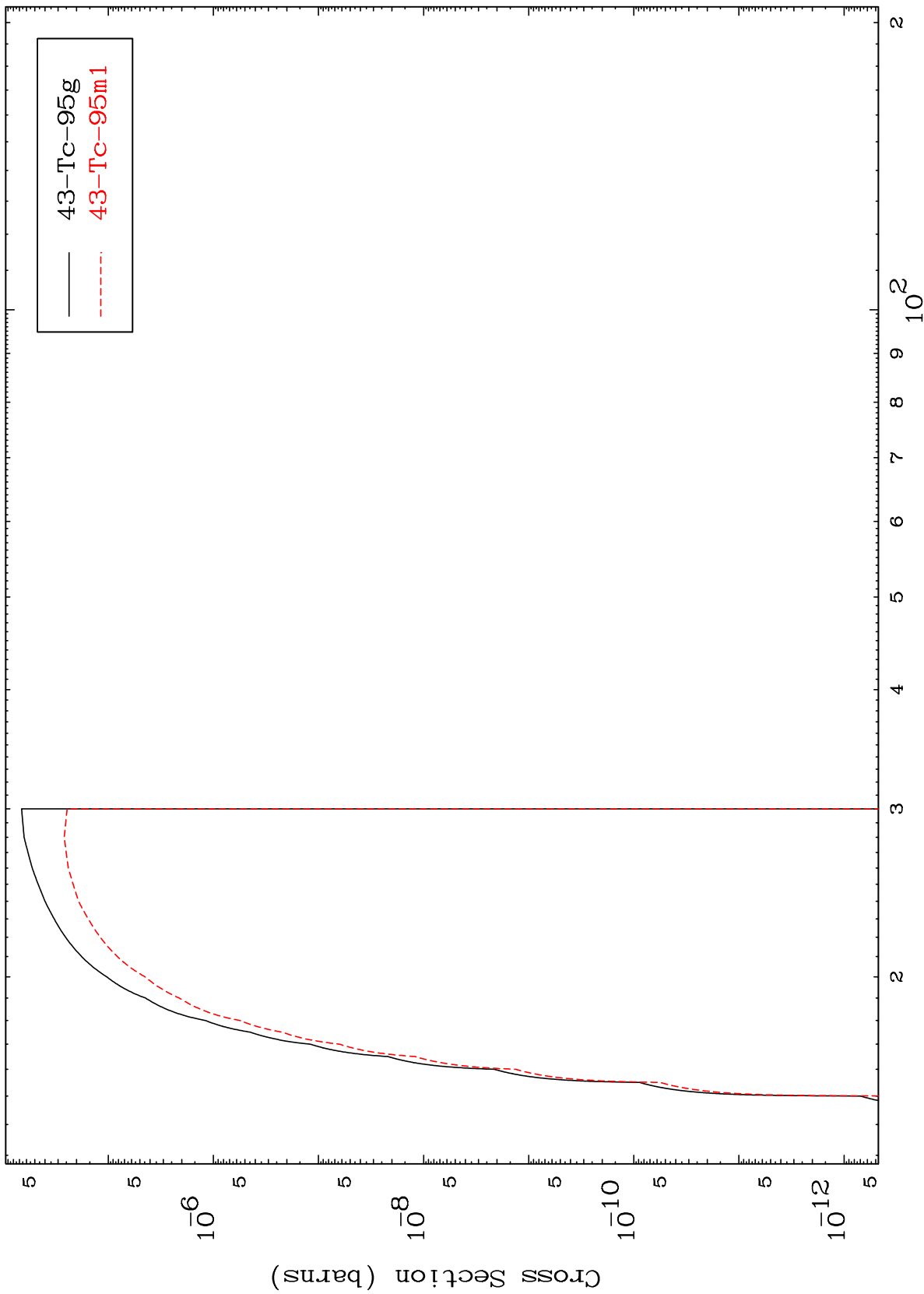


17

Incident Energy (MeV)

44-Ru-97

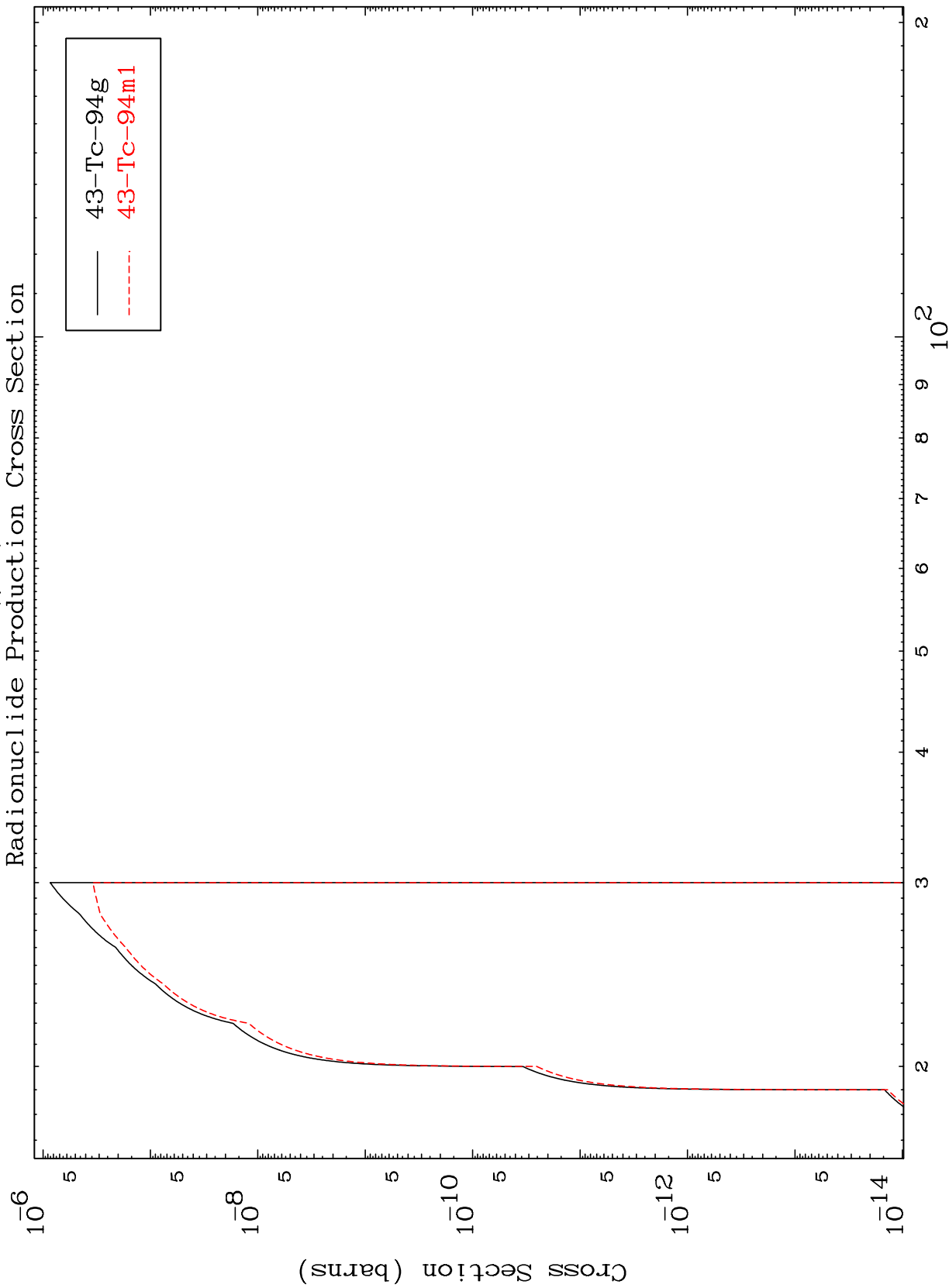
(γ, d)
Radionuclide Production Cross Section



MAT 4428

44-Ru-97

(γ, t)
Radionuclide Production Cross Section



19

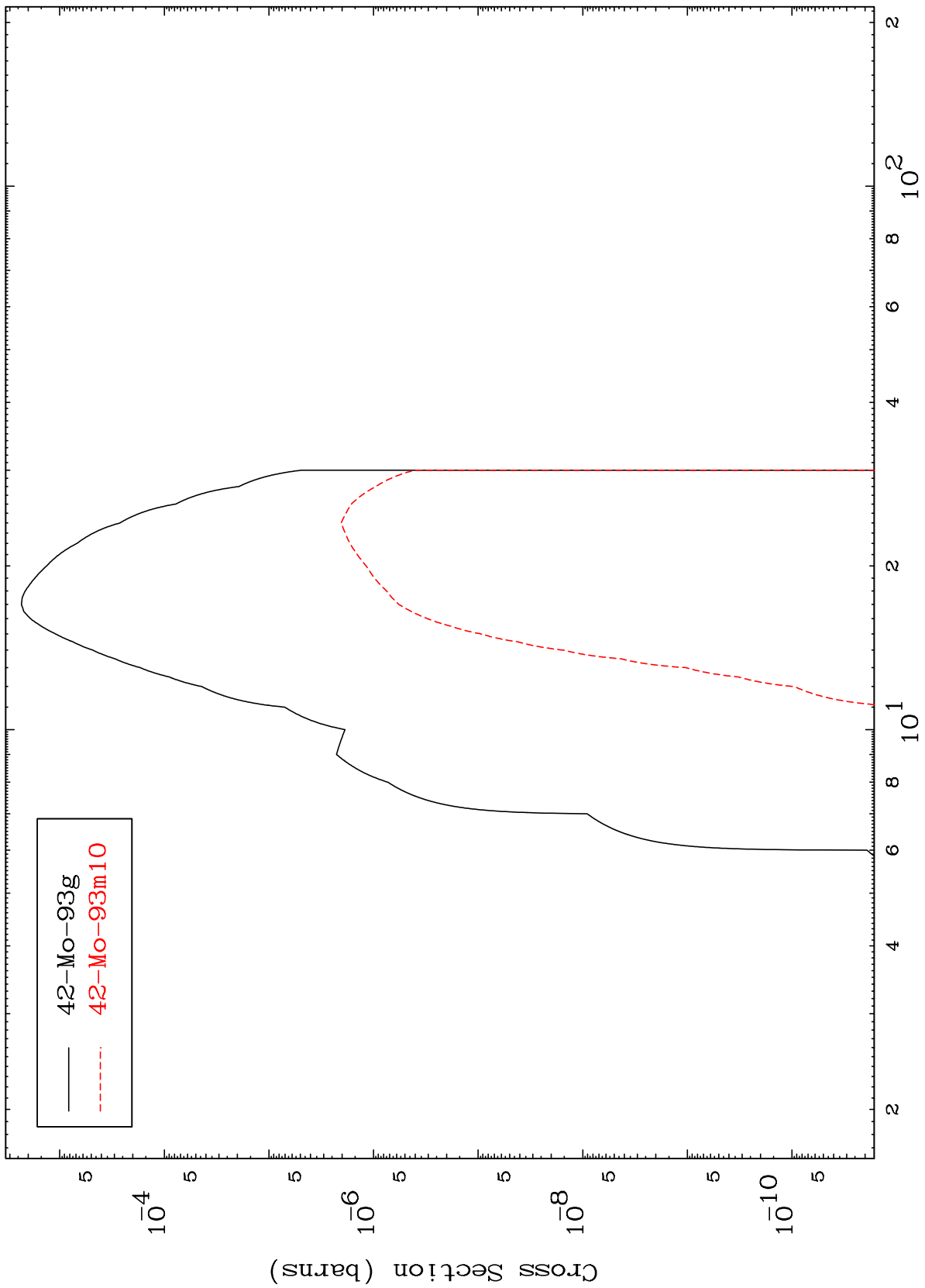
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

Radionuclide Production Cross Section
(γ, α)



20

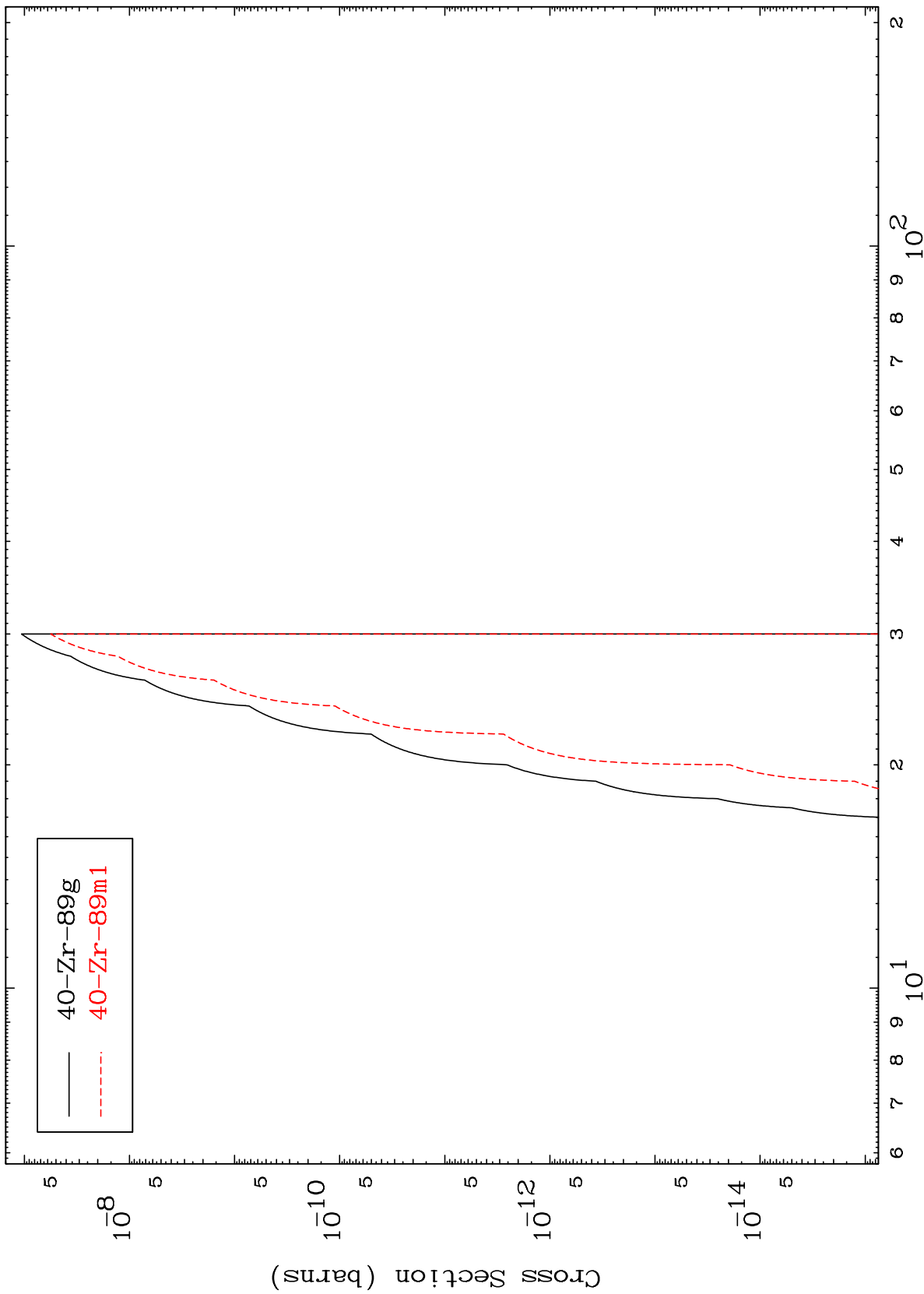
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

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



— 40-Zr-89g
- - - 40-Zr-89m1

44-Ru-97

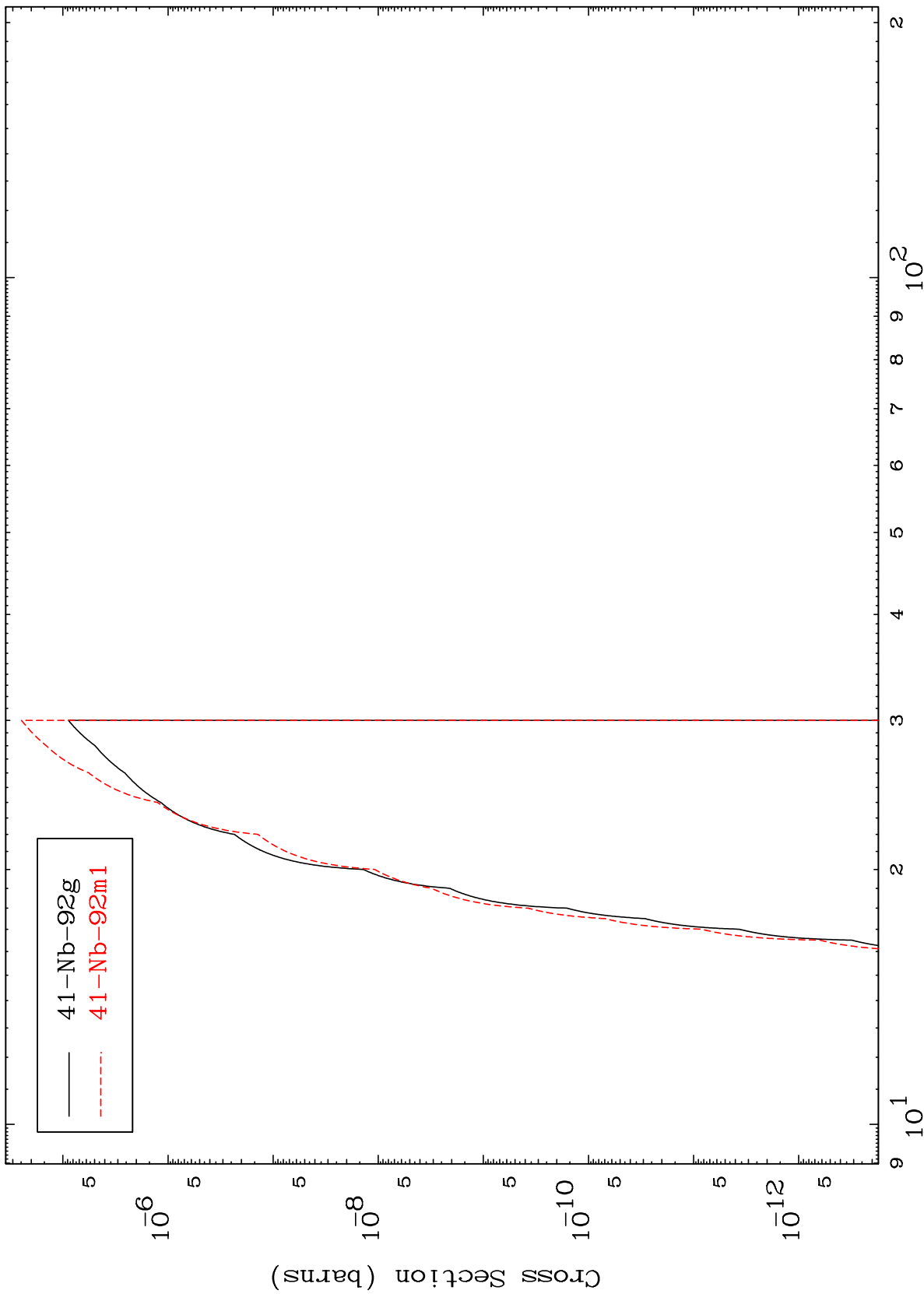
Incident Energy (MeV)

21

MAT 4428

44-Ru-97

(γ, p) α
Radionuclide Production Cross Section

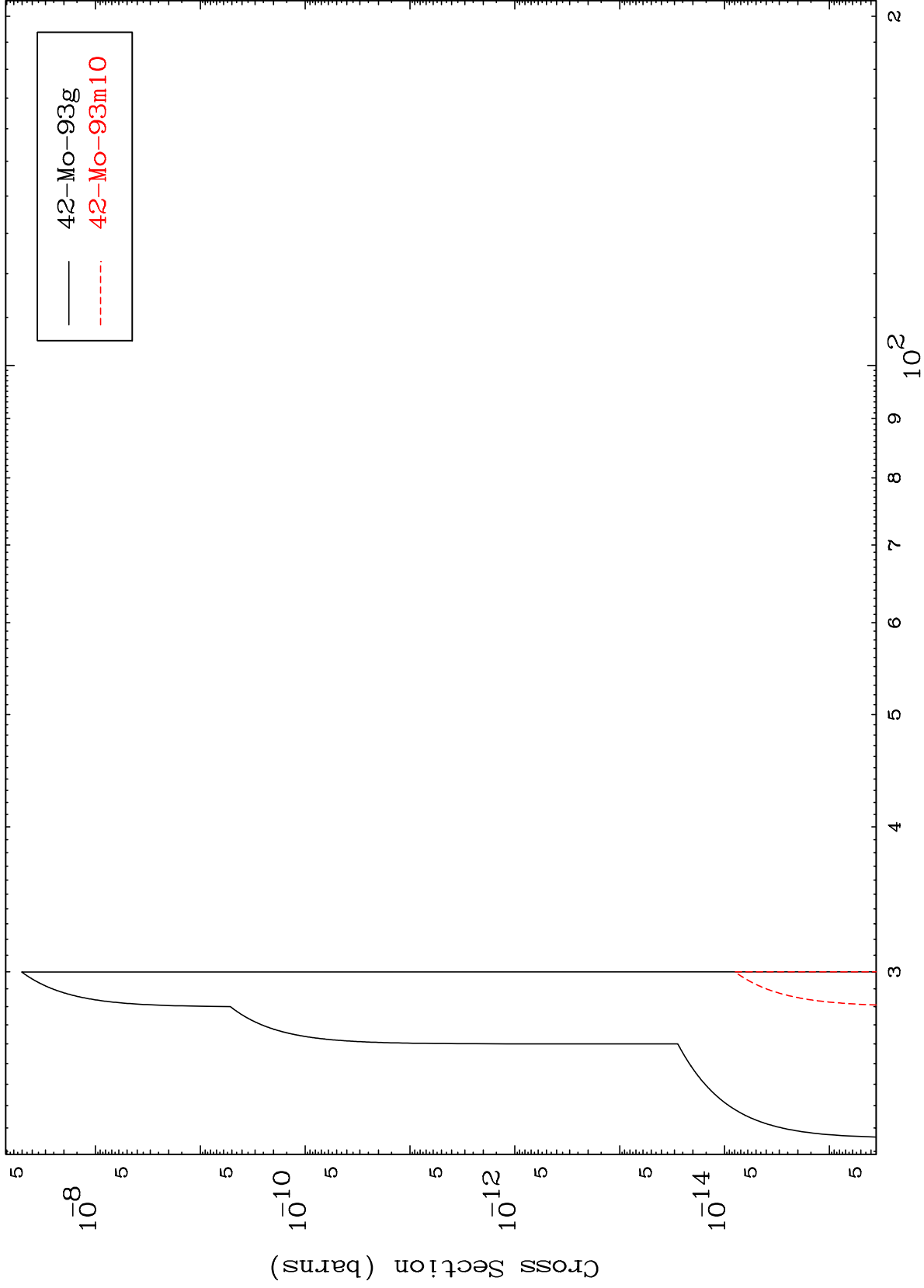


44-Ru-97

Incident Energy (MeV)

22

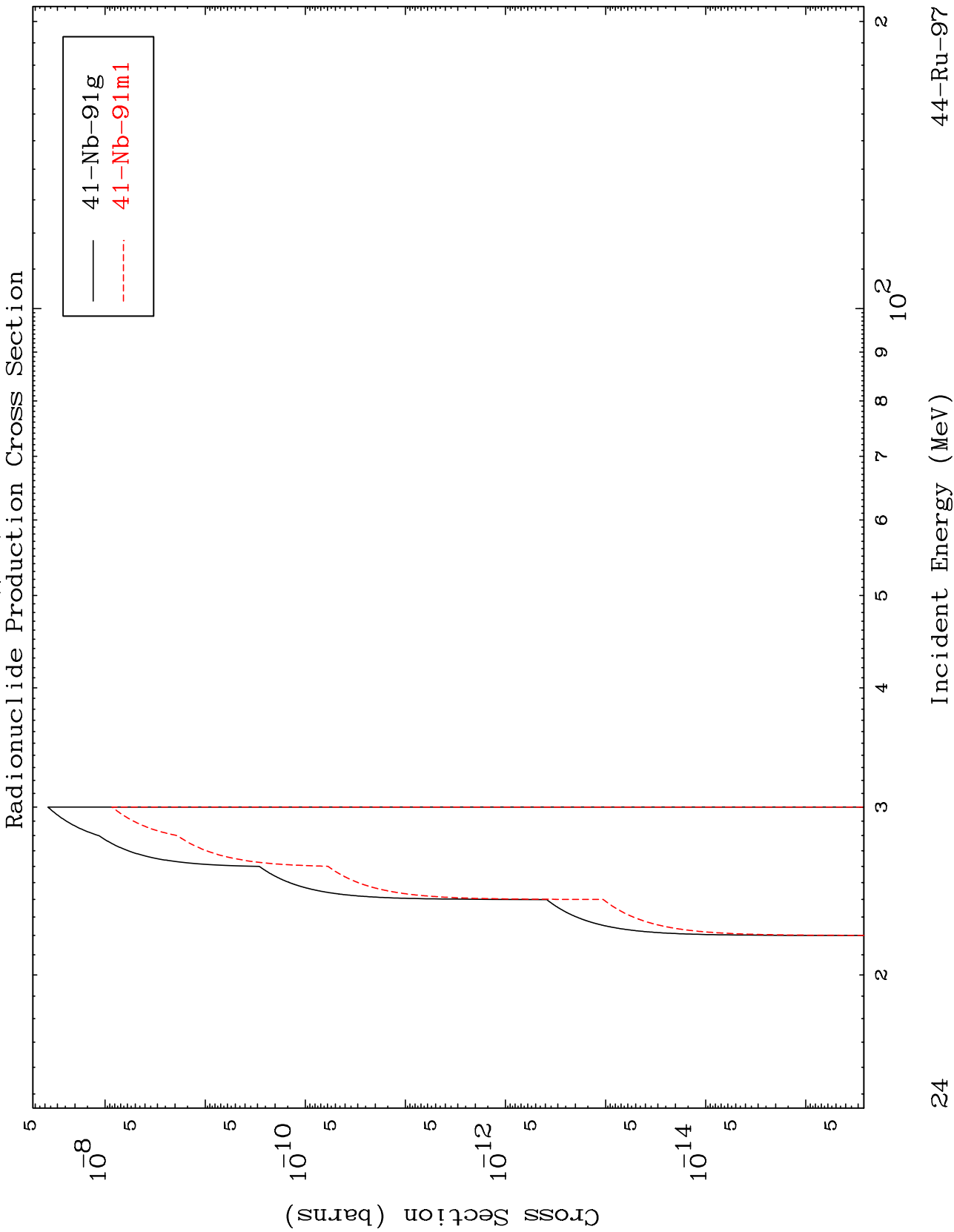
Radionuclide Production Cross Section



MAT 4428

(γ, d) α

44-Ru-97



24

Incident Energy (MeV)

44-Ru-97