

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

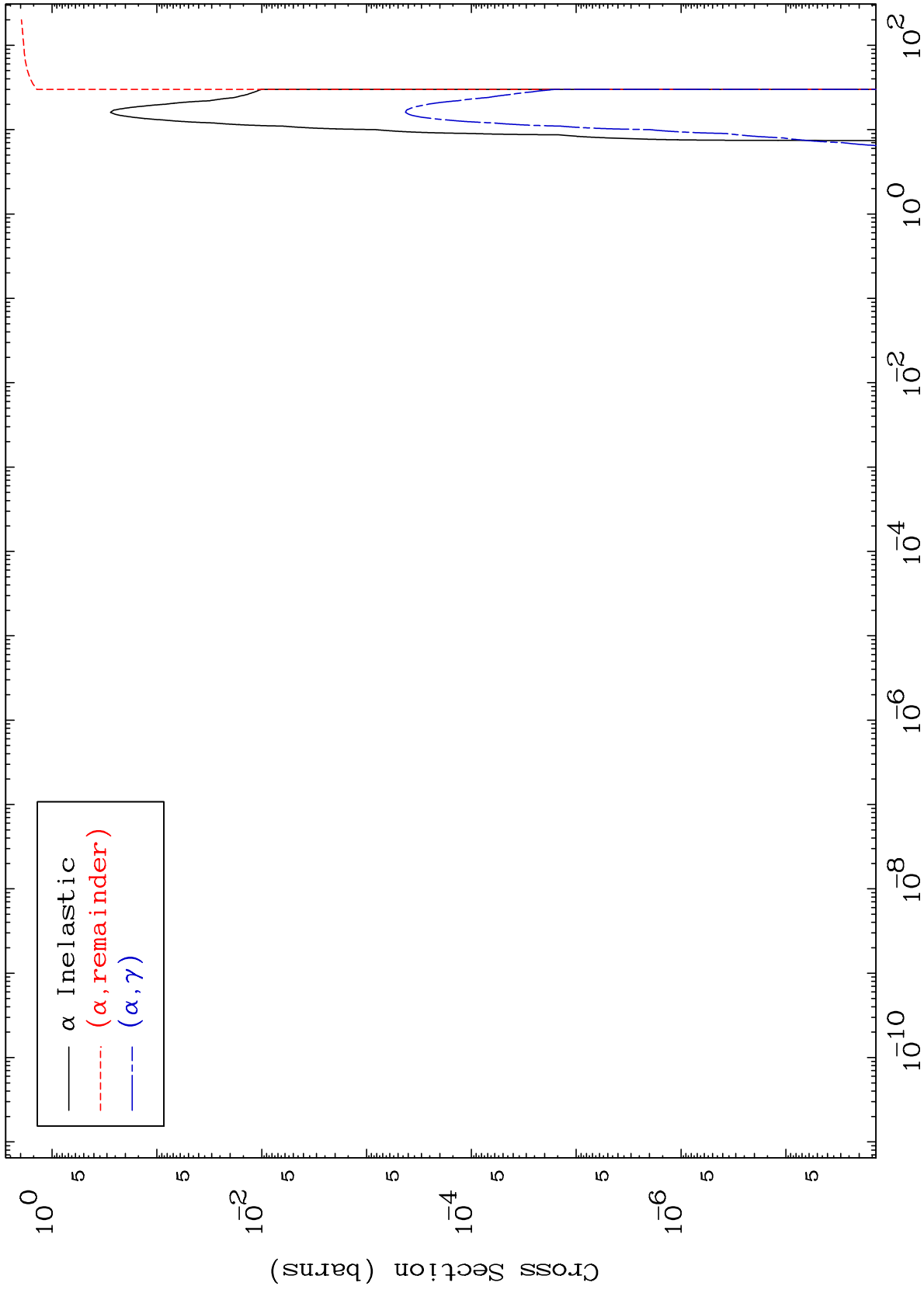
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4311

0 Kelvin α Major
Cross Sections

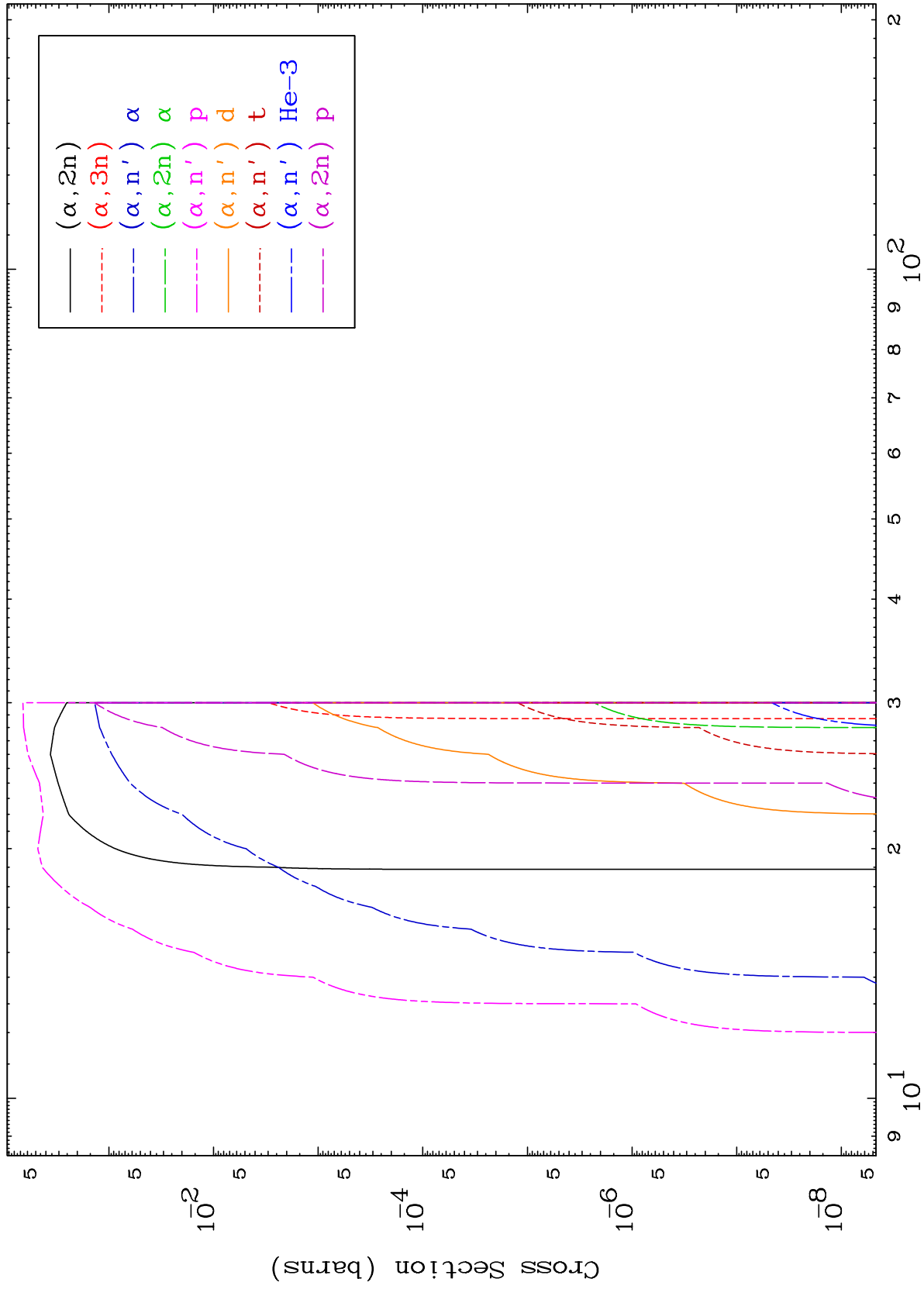
43-Tc-94



MAT 4311

α Neutron Production
0 Kelvin Cross Sections

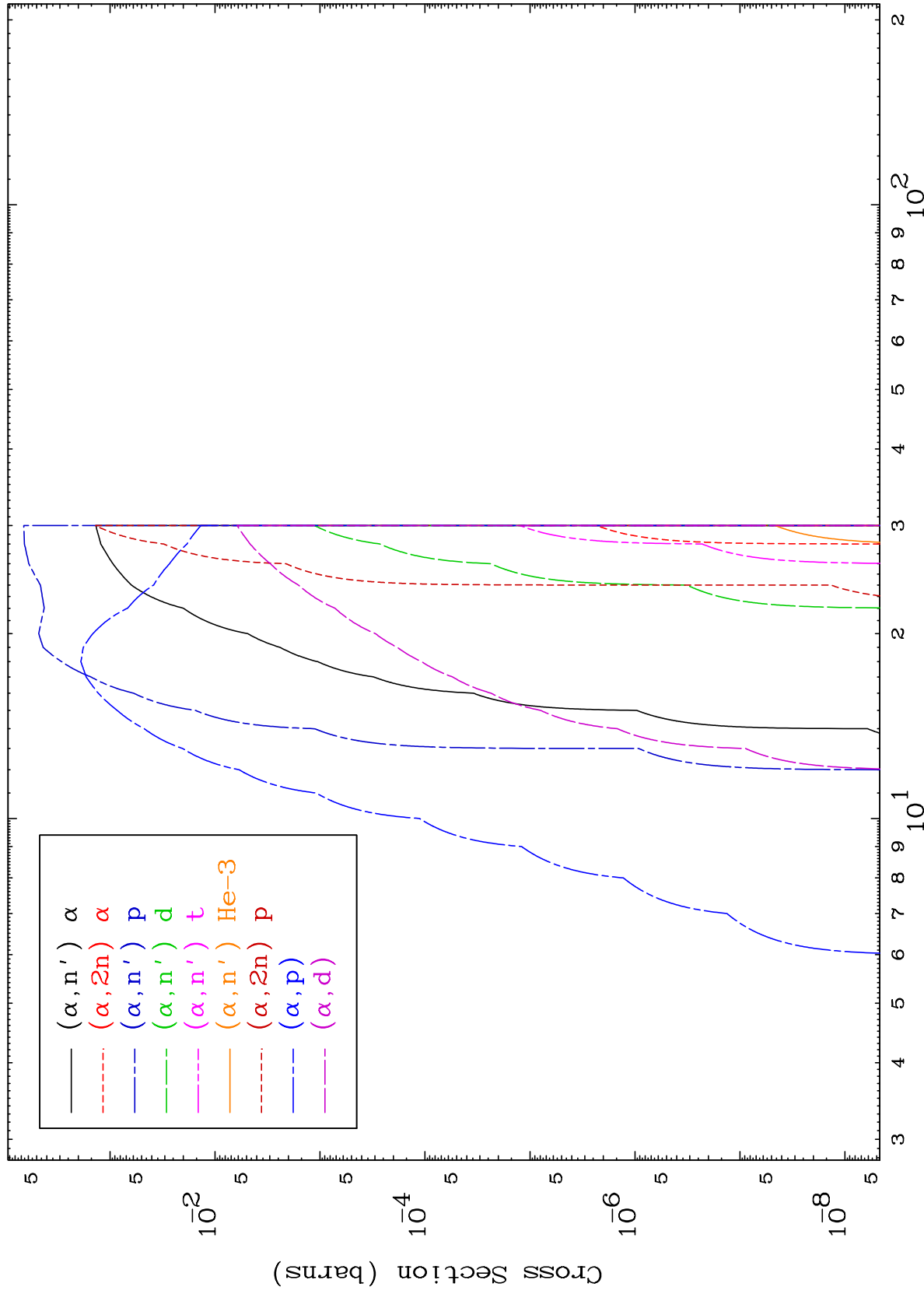
43-Tc-94



2

Incident Energy (MeV)

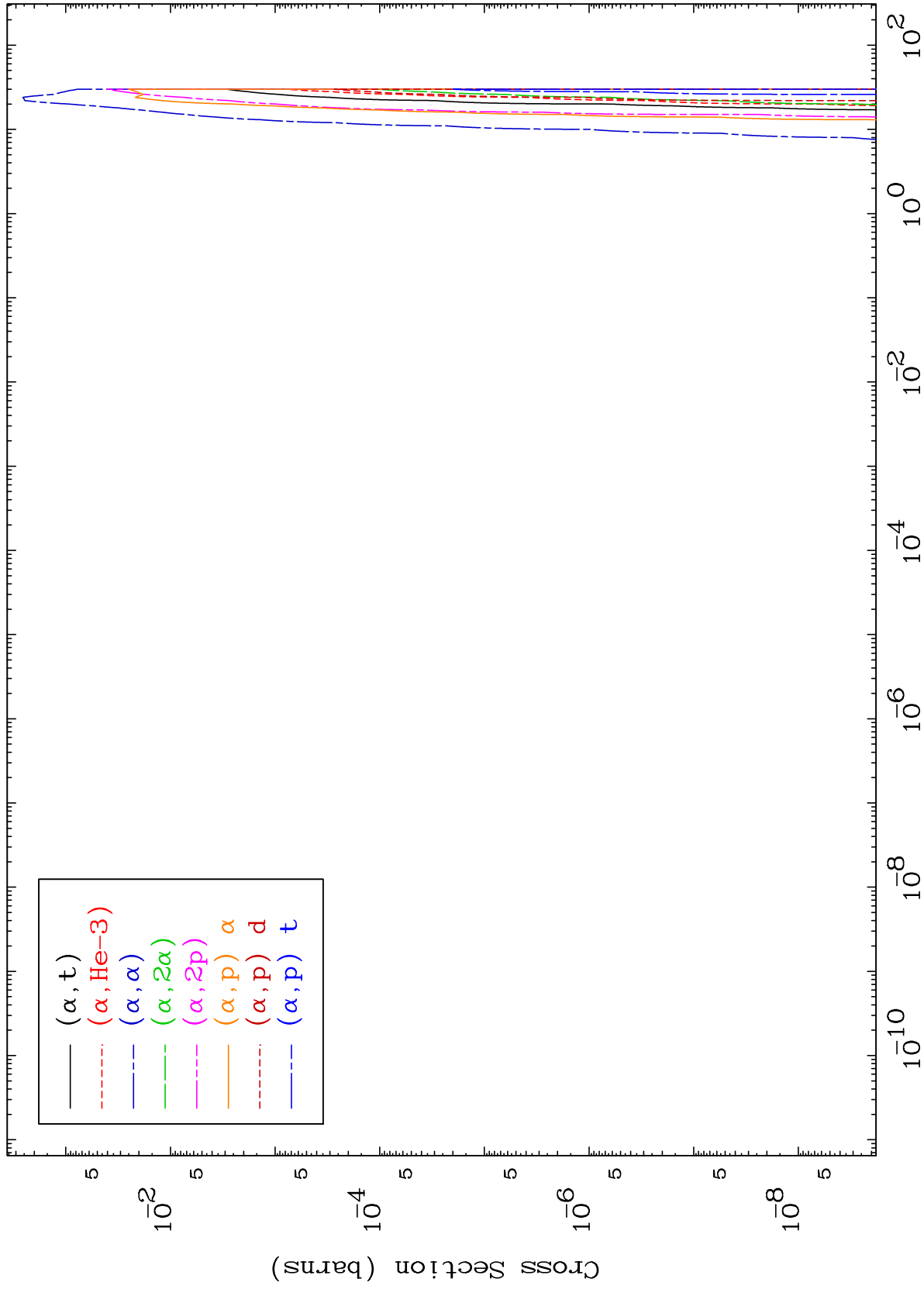
43-Tc-94



MAT 4311

α Charged Particle
0 Kelvin Cross Sections

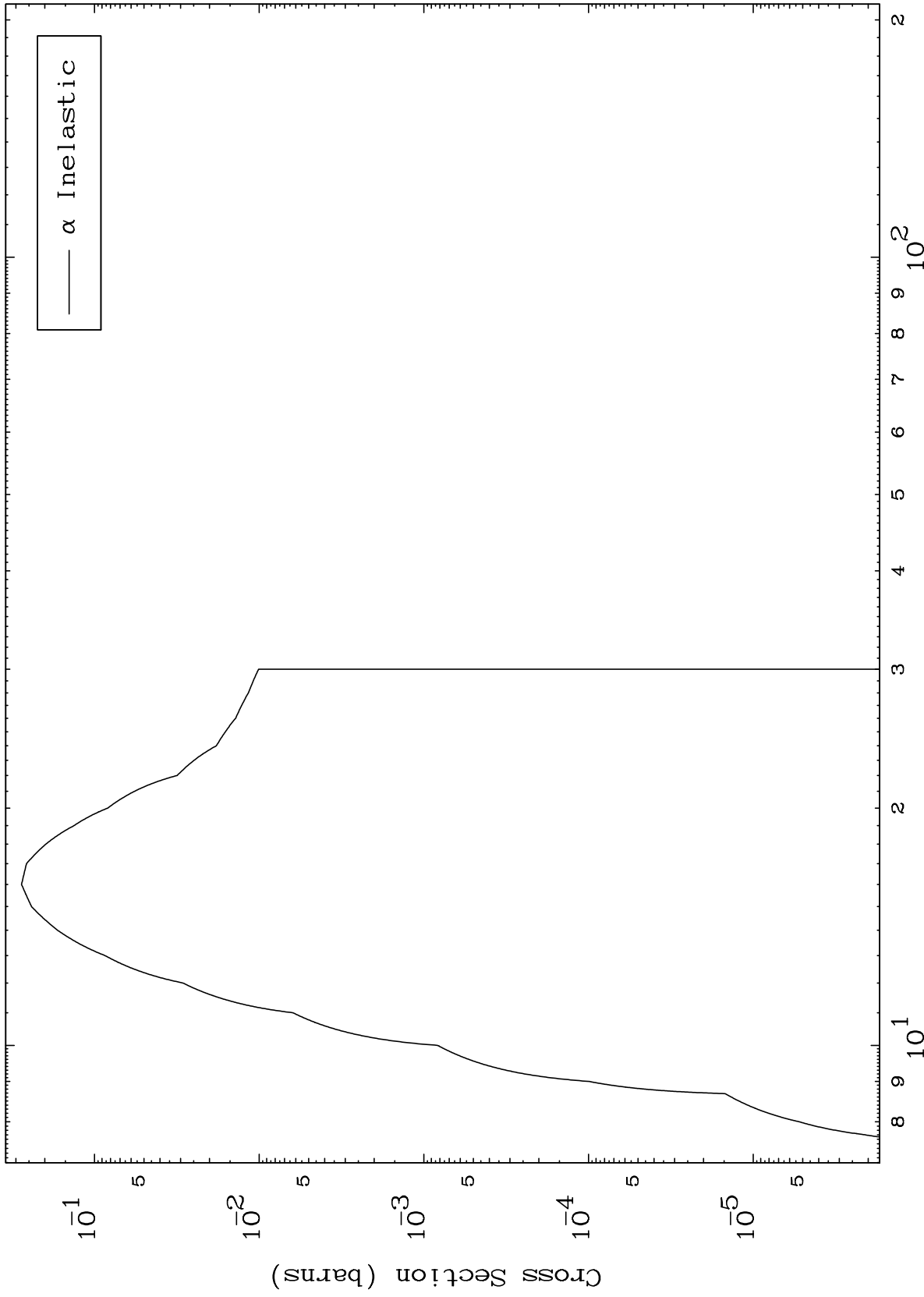
43-Tc-94



MAT 4311

(α, n') Level
0 Kelvin Cross Sections

43-Tc-94



5

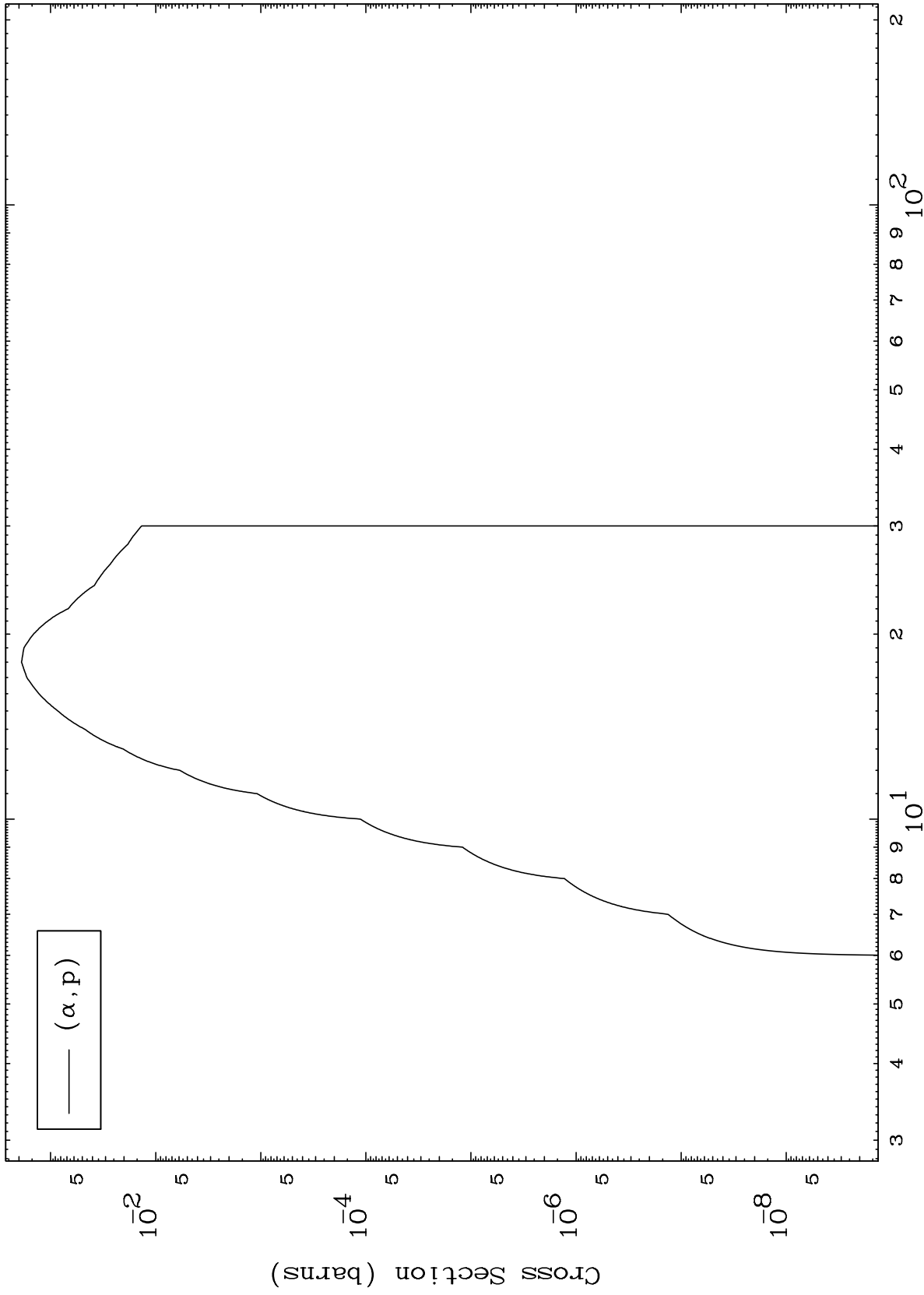
Incident Energy (MeV)

43-Tc-94

MAT 4311

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-94



6

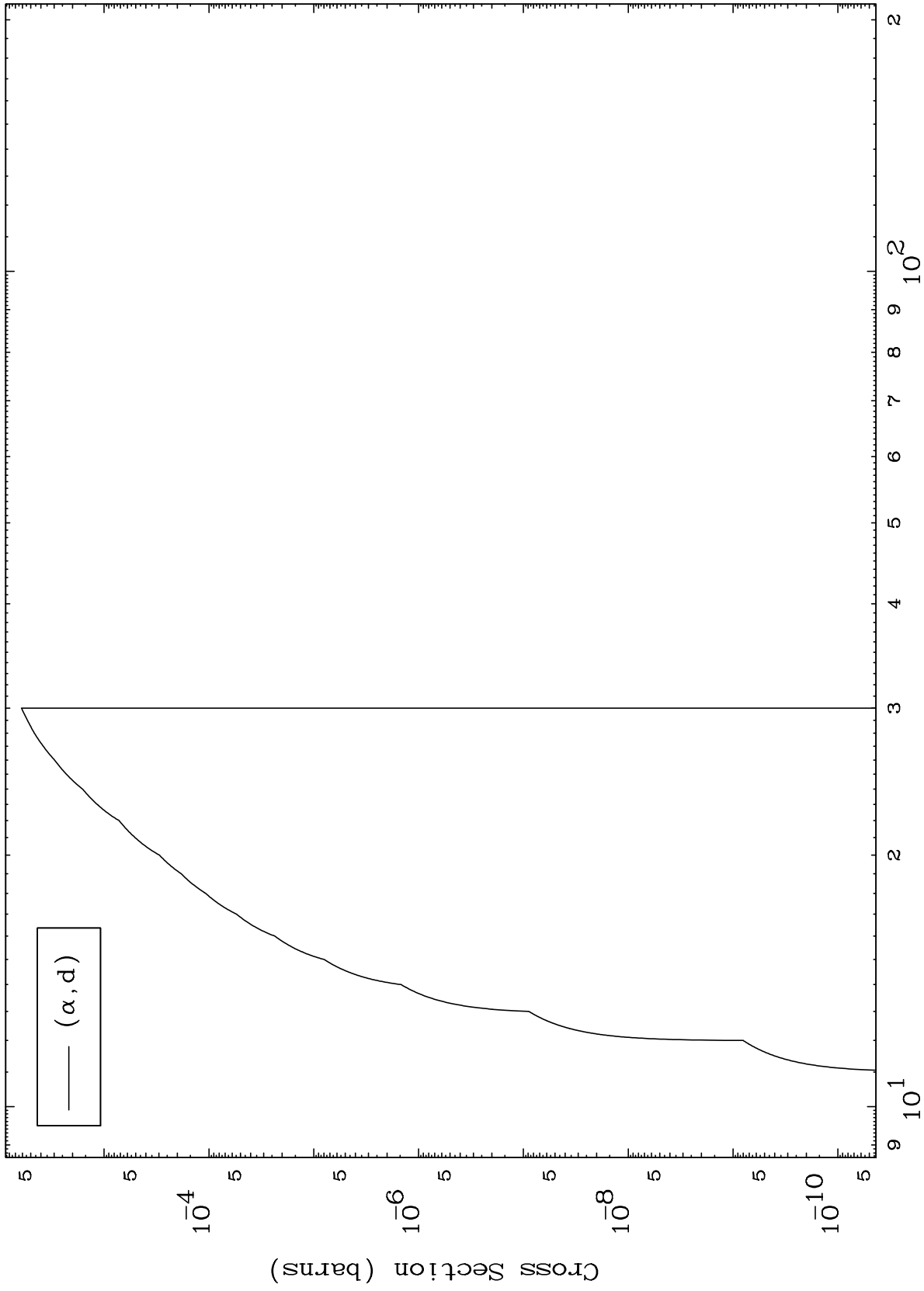
Incident Energy (MeV)

43-Tc-94

MAT 4311

(α, d) Levels
0 Kelvin Cross Sections

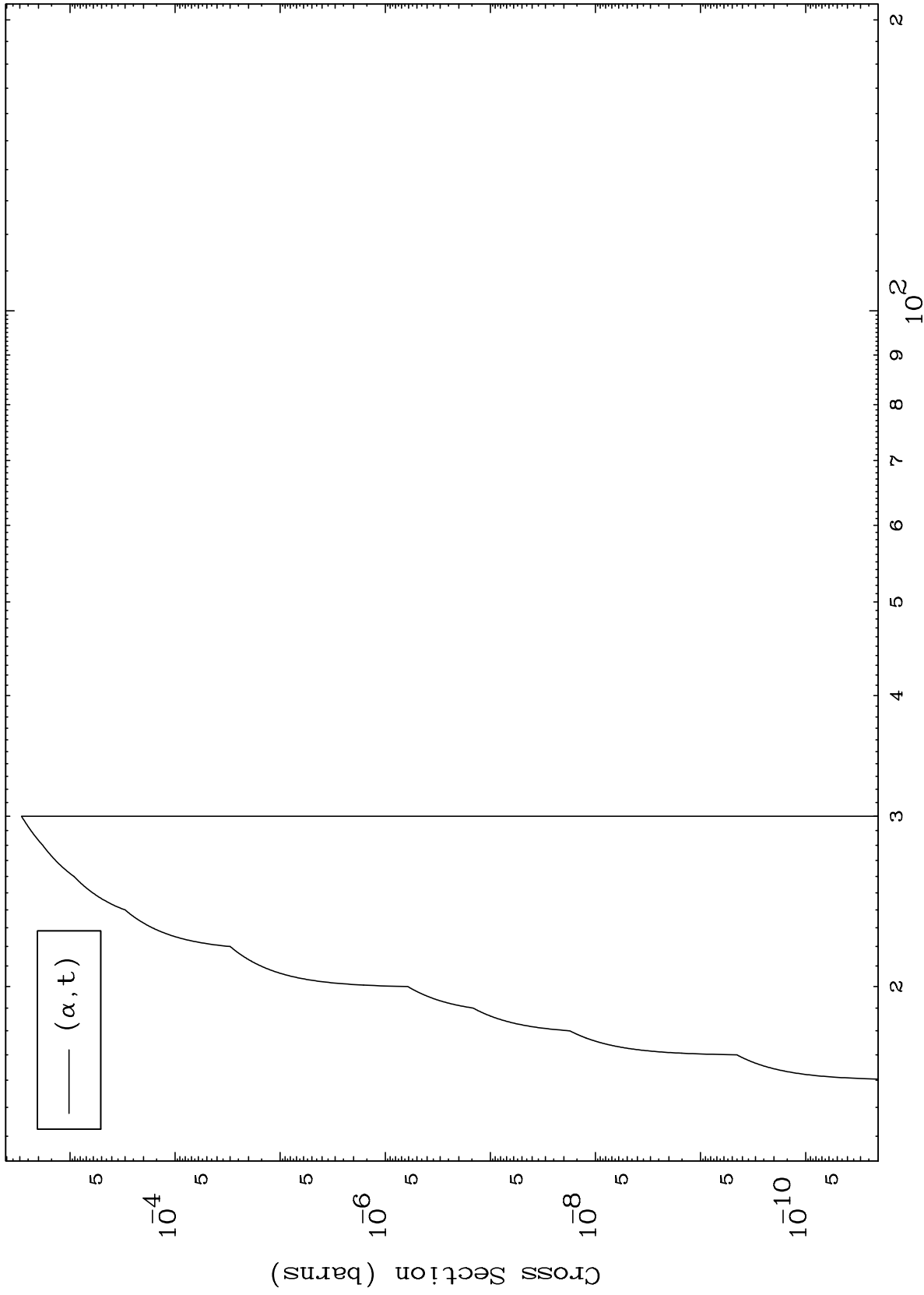
43-Tc-94

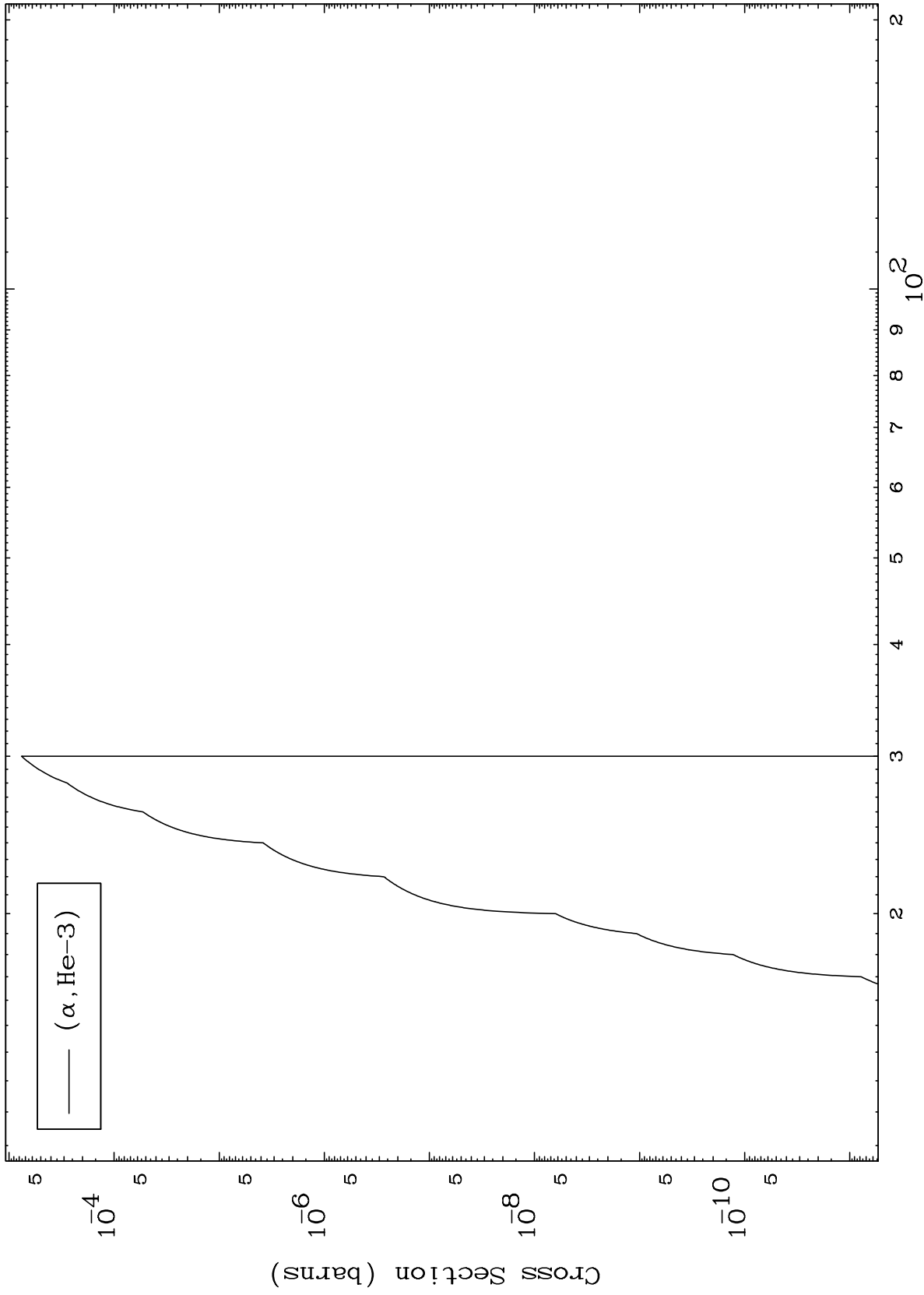


7

Incident Energy (MeV)

43-Tc-94

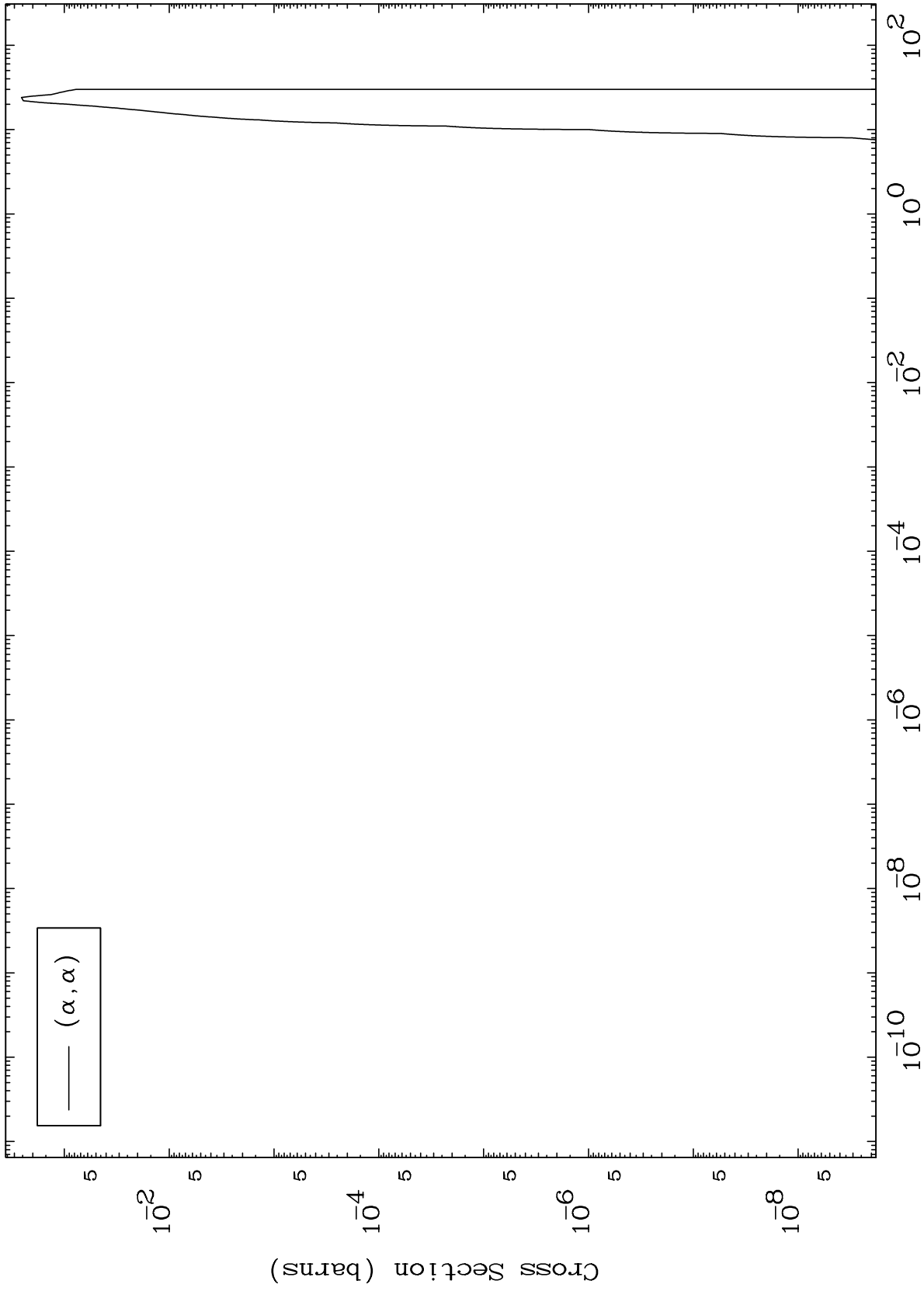




MAT 4311

(α, α) Levels
0 Kelvin Cross Sections

43-Tc-94



10

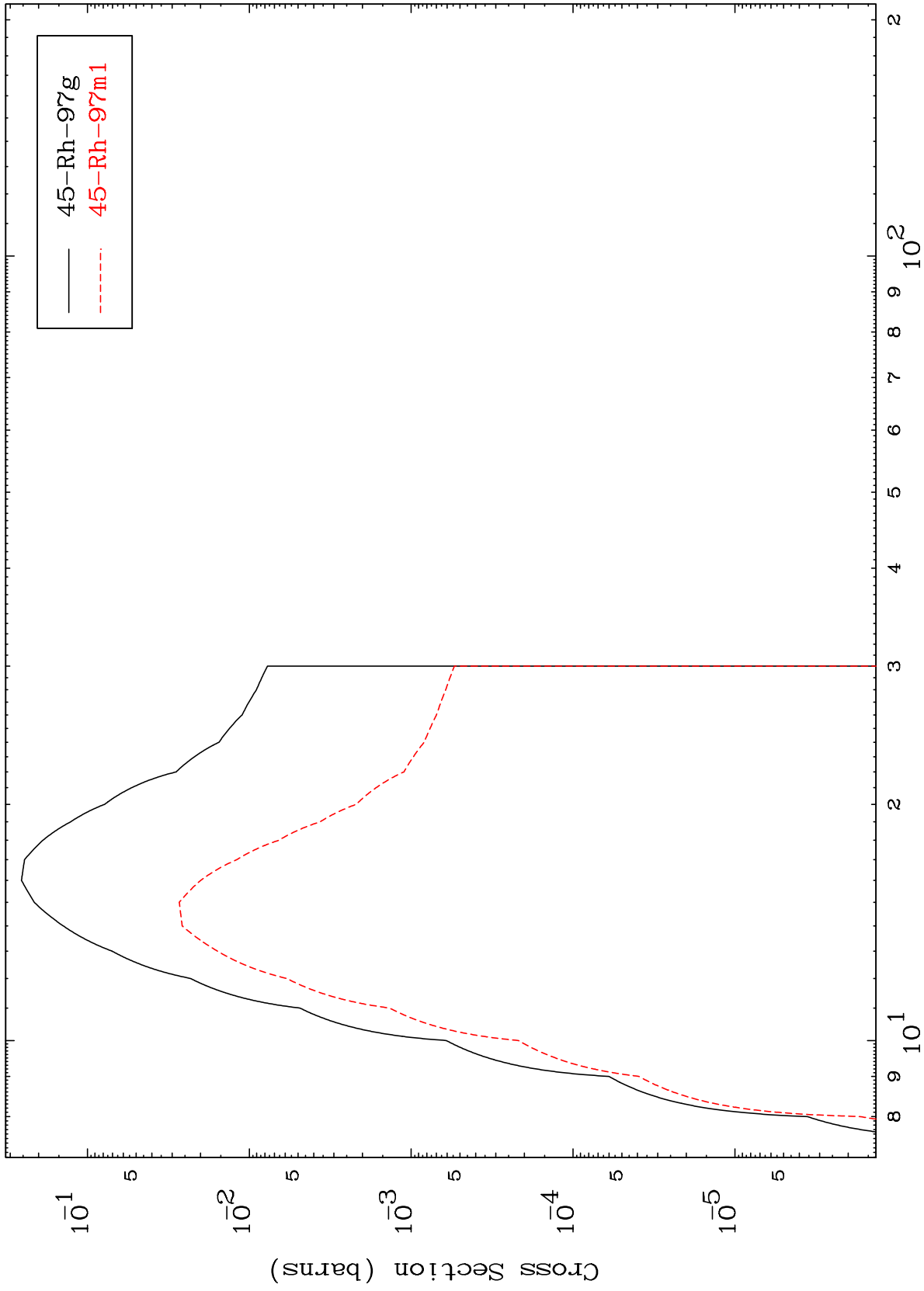
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

Radionuclide Production Cross Section
 α Inelastic



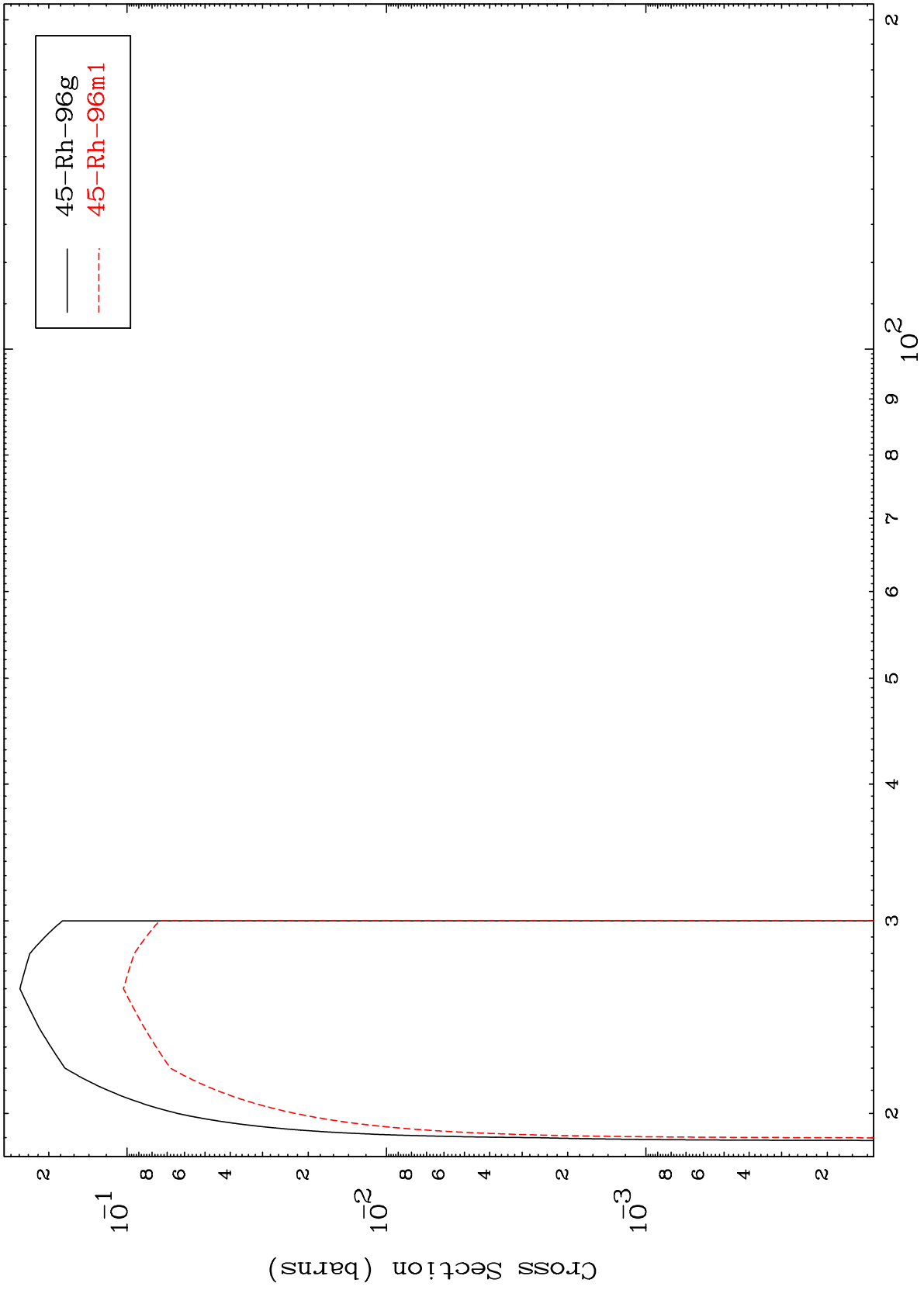
11

43-Tc-94

MAT 4311

43-Tc-94

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



12

Incident Energy (MeV)

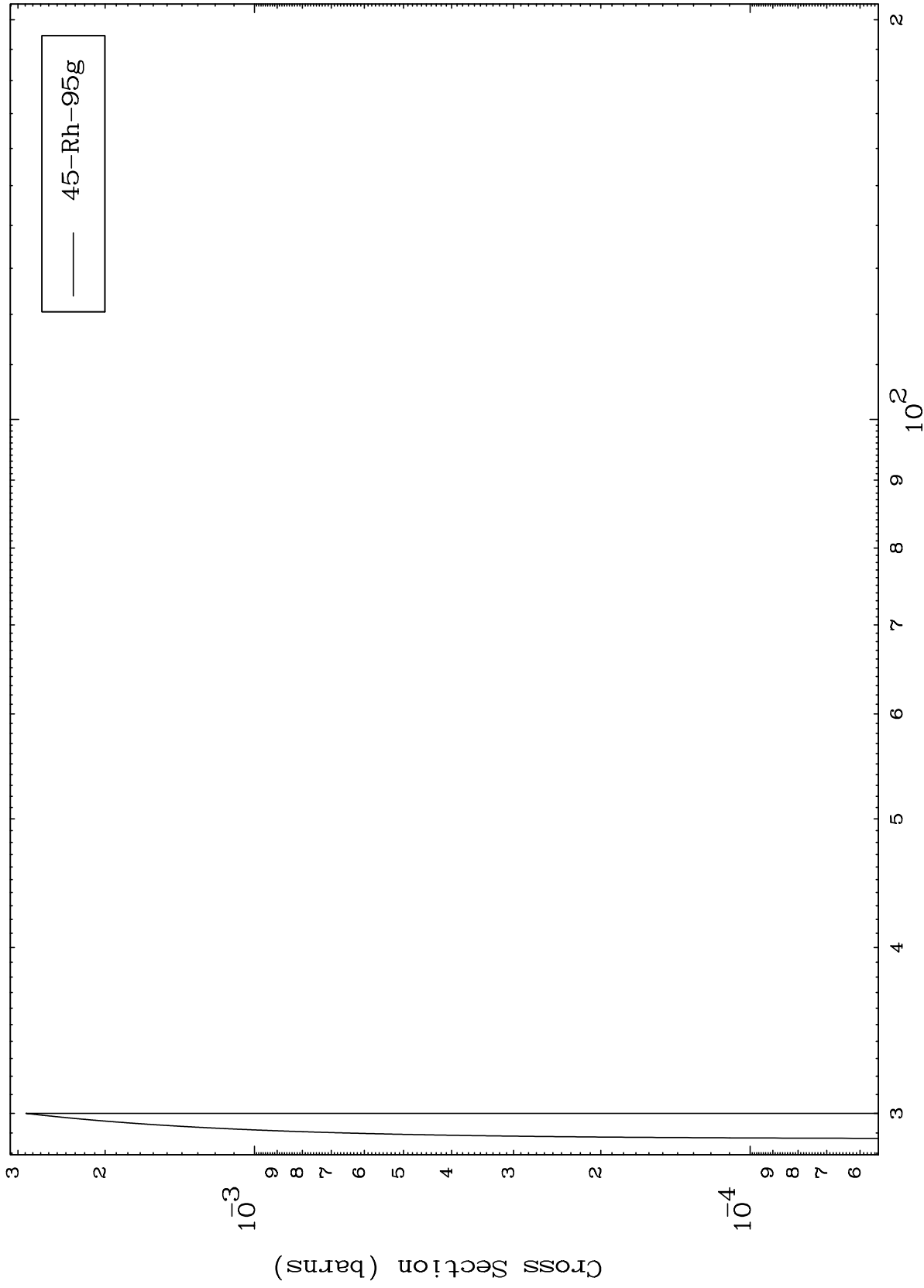
43-Tc-94

MAT 4311

($\alpha, 3n$)

43-Tc-94

Radionuclide Production Cross Section



13

Incident Energy (MeV)

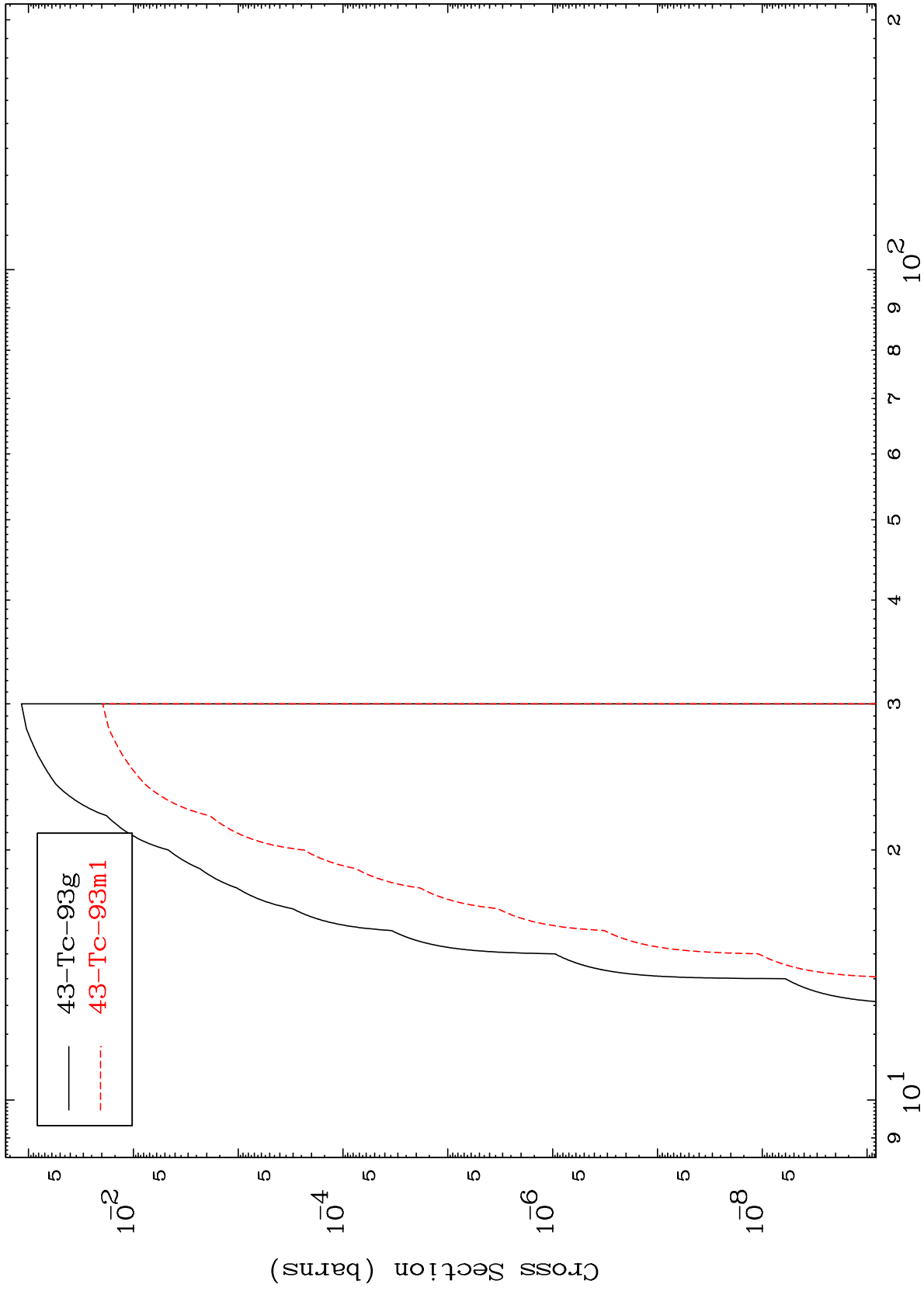
43-Tc-94

MAT 4311

(α, n') α

43-Tc-94

Radionuclide Production Cross Section

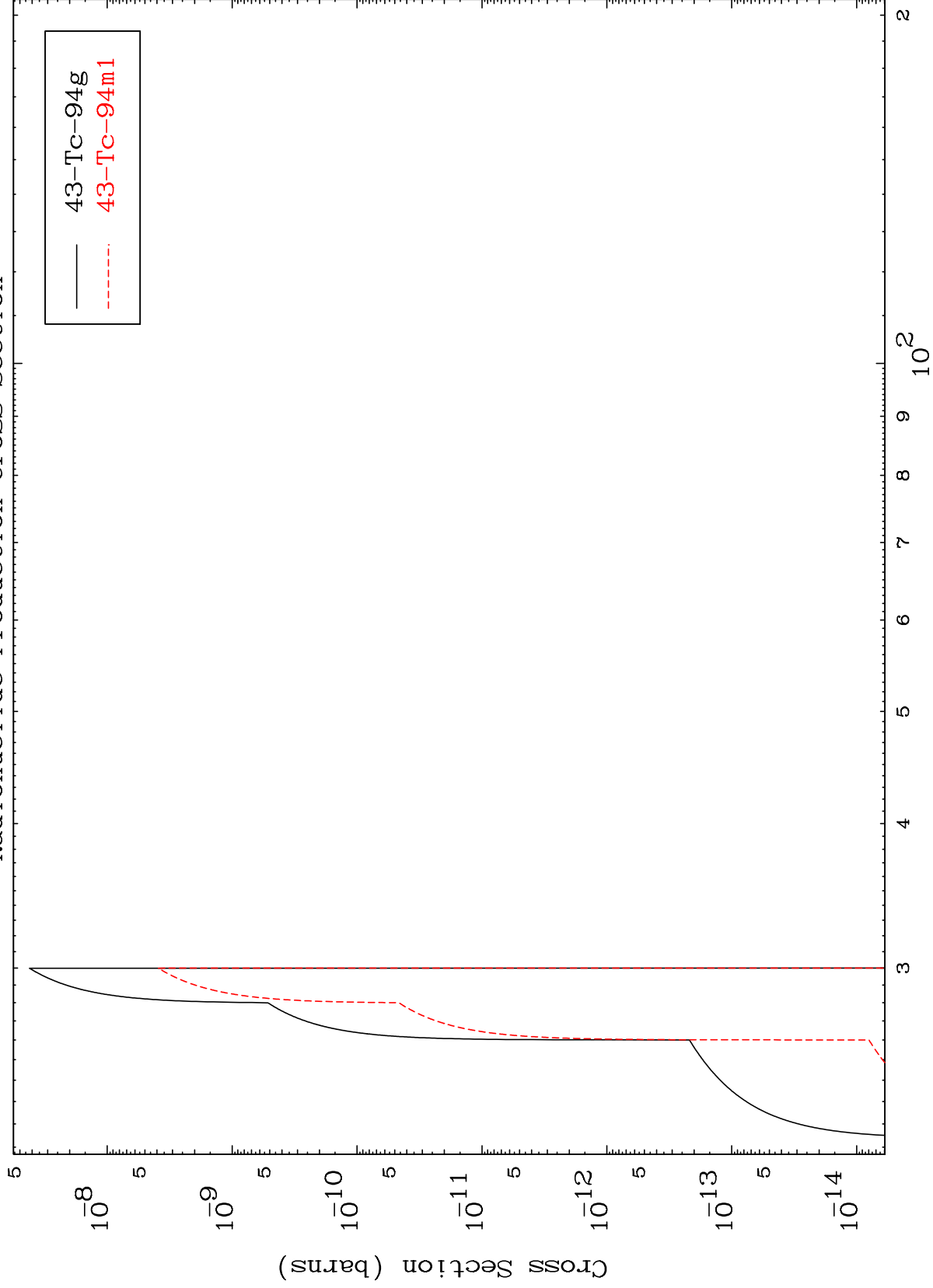


14

Incident Energy (MeV)

43-Tc-94

Radionuclide Production Cross Section

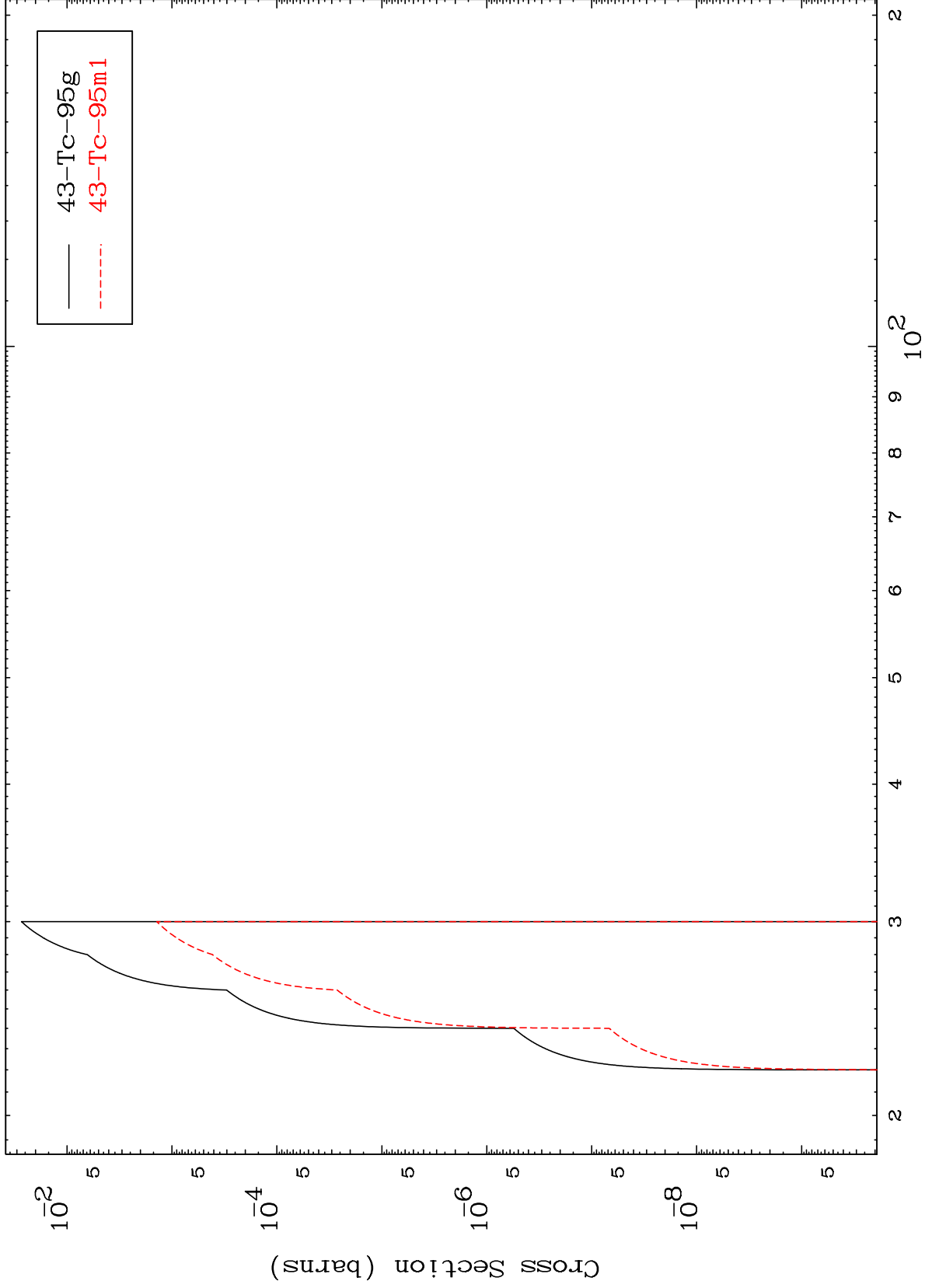


MAT 4311

($\alpha, 2n$) p

43-Tc-94

Radionuclide Production Cross Section



16

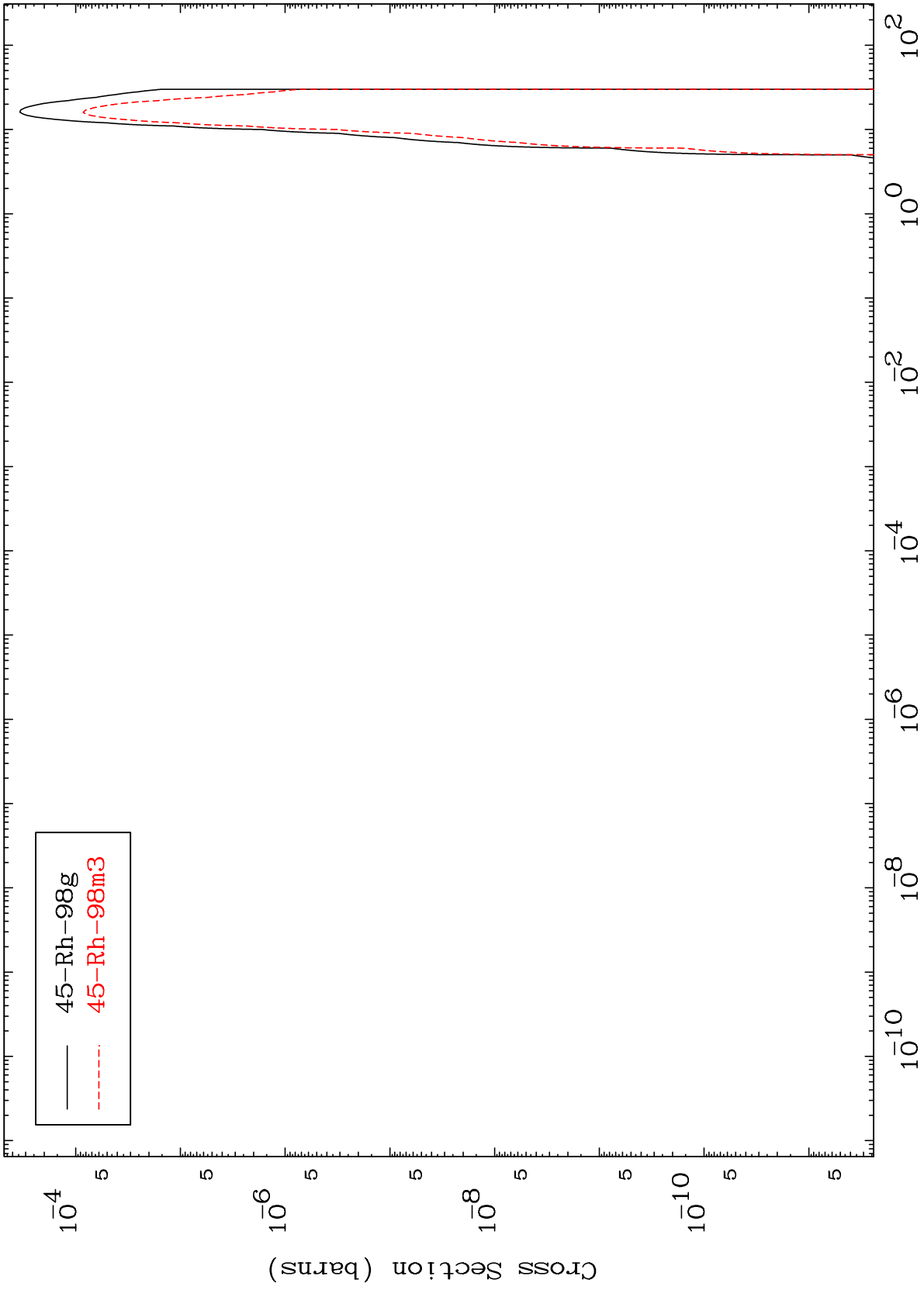
Incident Energy (MeV)

43-Tc-94

MAT 4311

Radionuclide Production Cross Section
(α, γ)

43-Tc-94



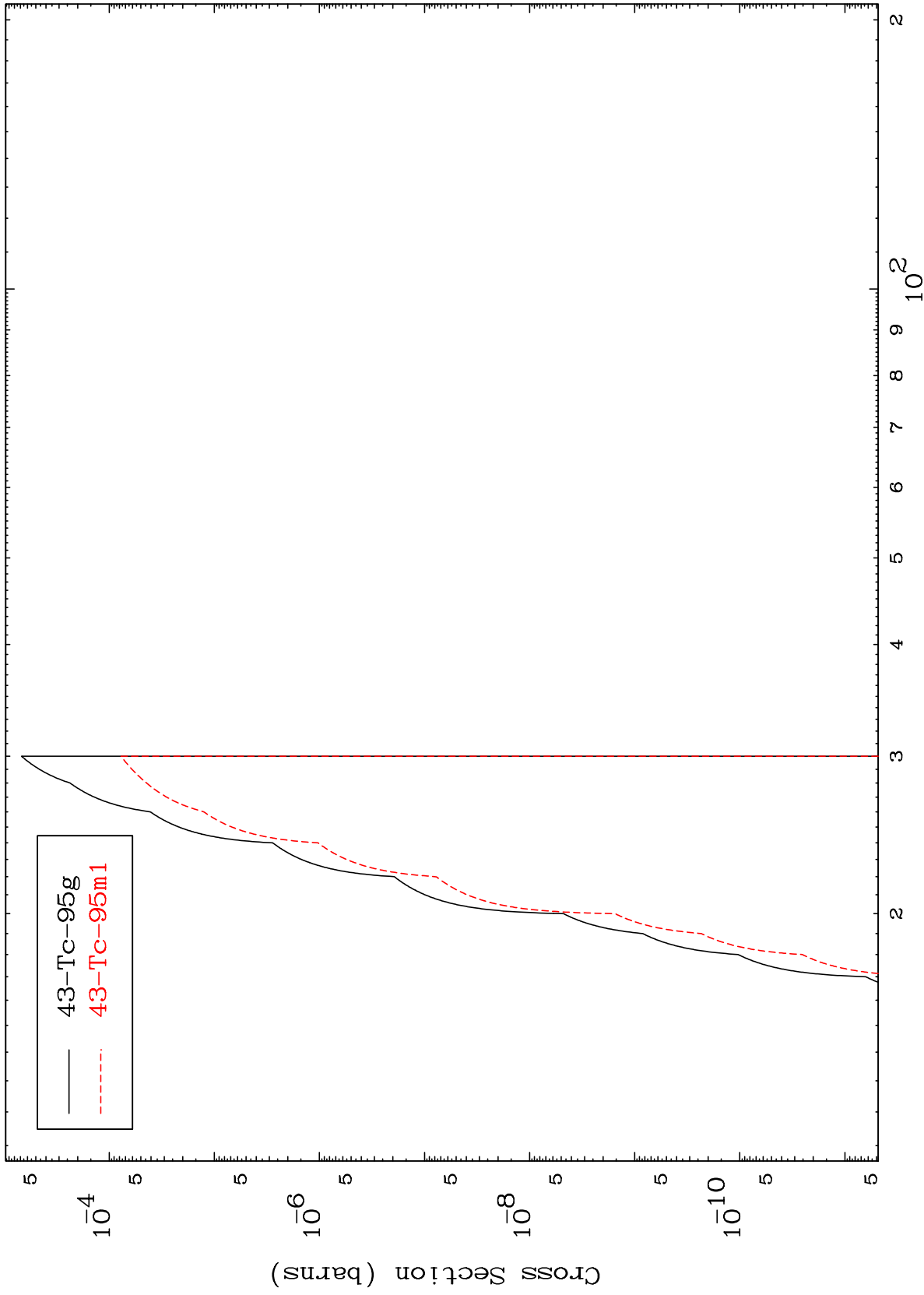
43-Tc-94

MAT 4311

($\alpha, \text{He-3}$)

43-Tc-94

Radionuclide Production Cross Section



43-Tc-95g
43-Tc-95m1

18

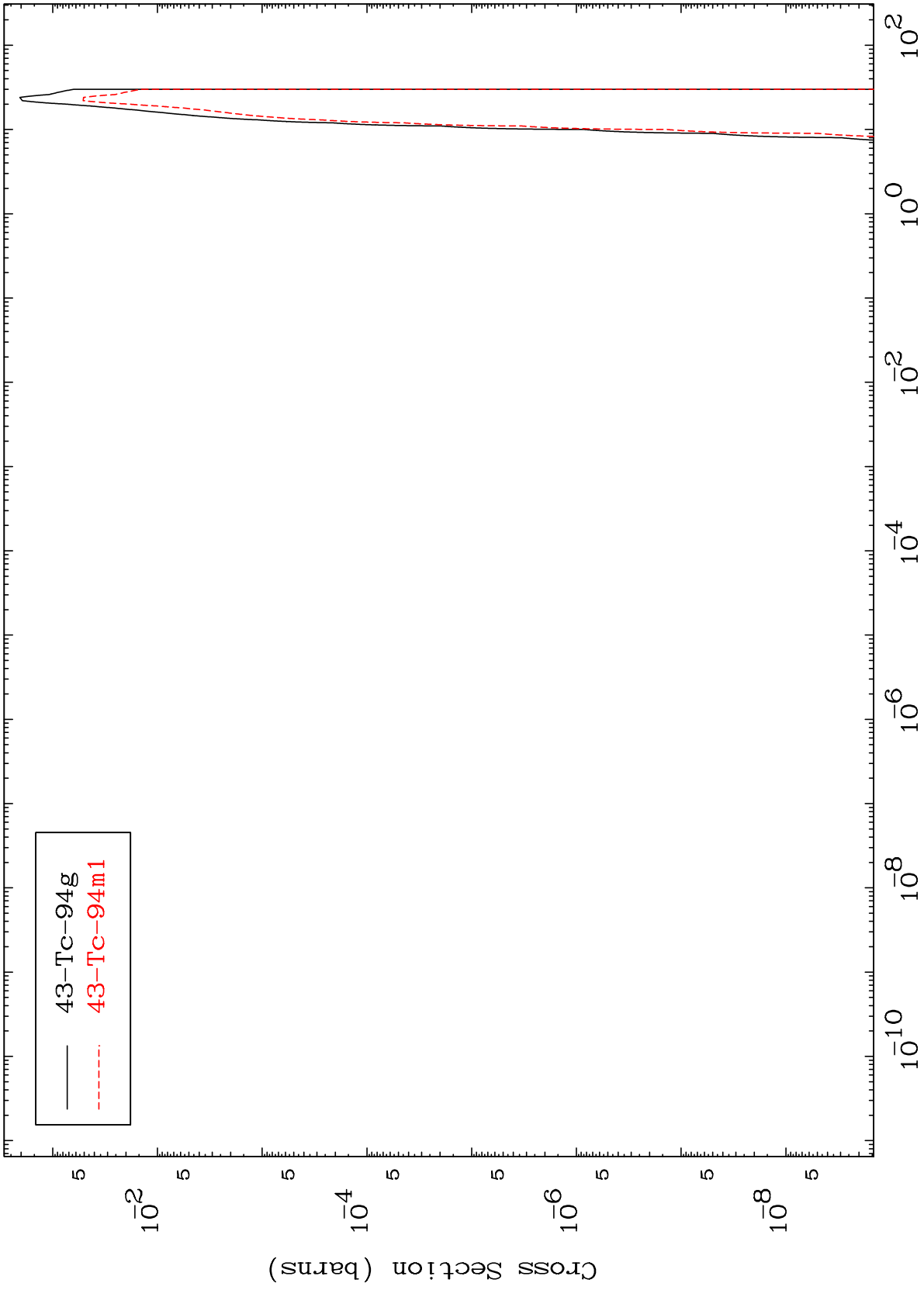
Incident Energy (MeV)

43-Tc-94

MAT 4311

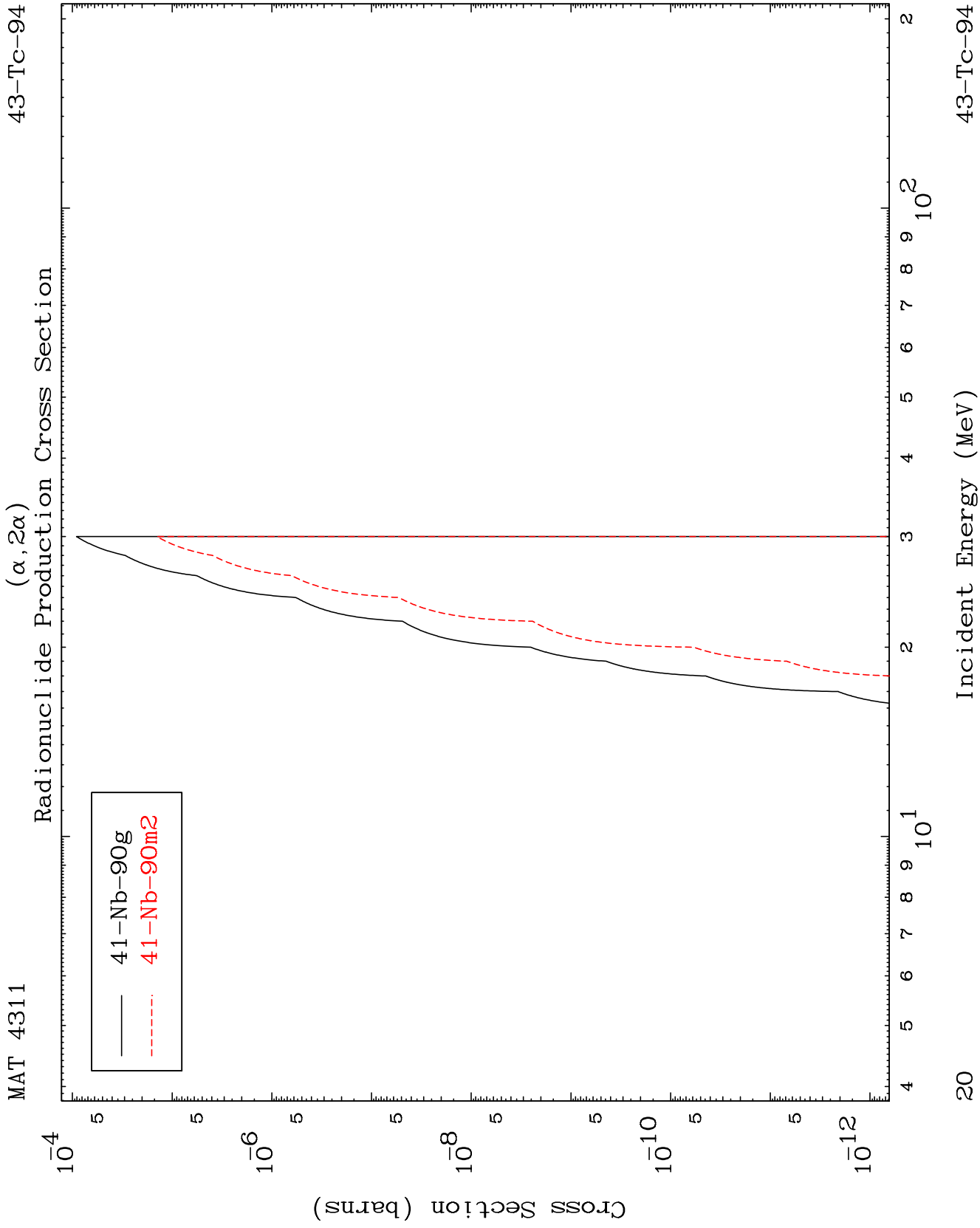
Radionuclide Production Cross Section
(α, α)

$^{43}\text{Tc-94}$



19

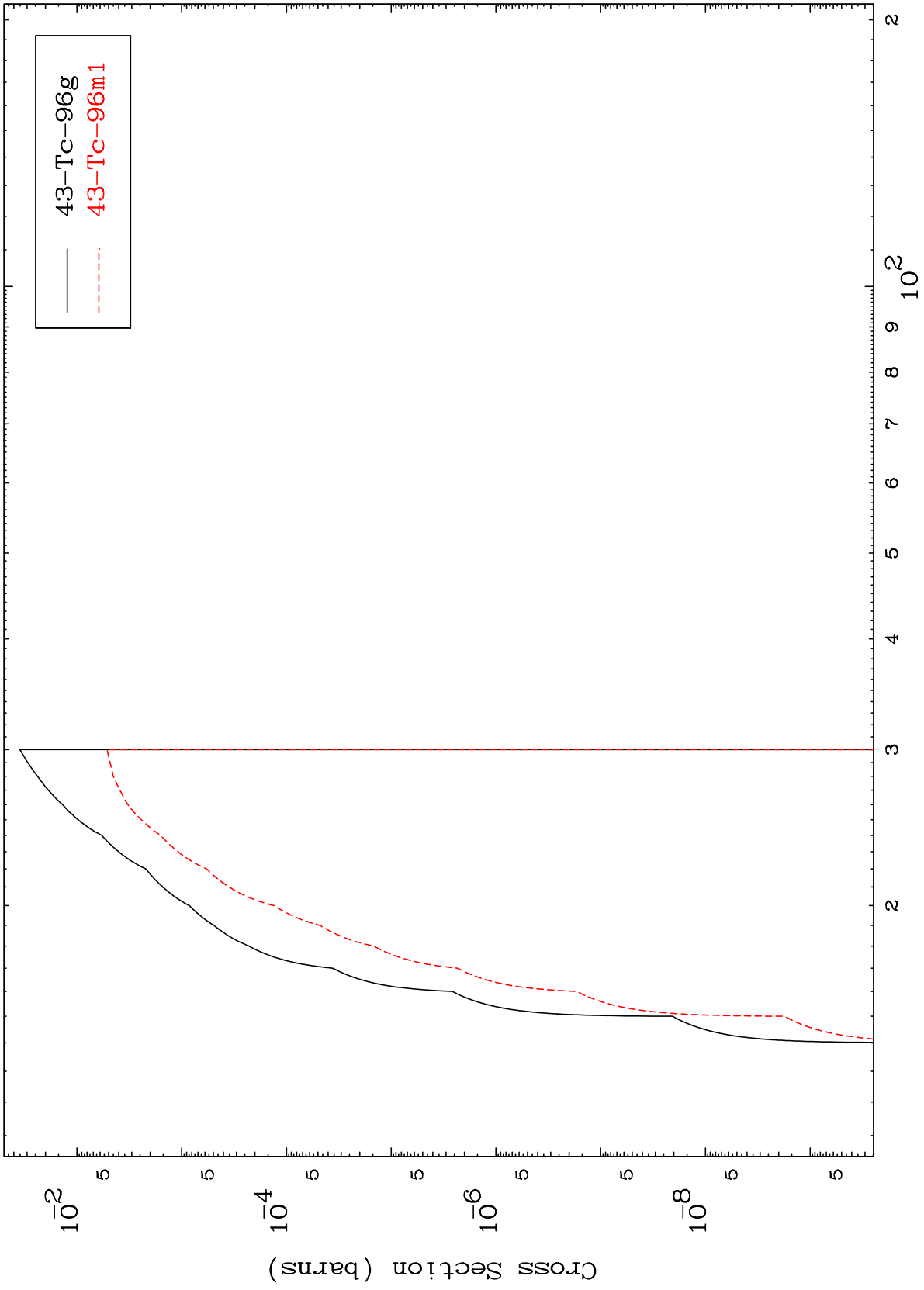
$^{43}\text{Tc-94}$



MAT 4311

43-Tc-94

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



21

43-Tc-94

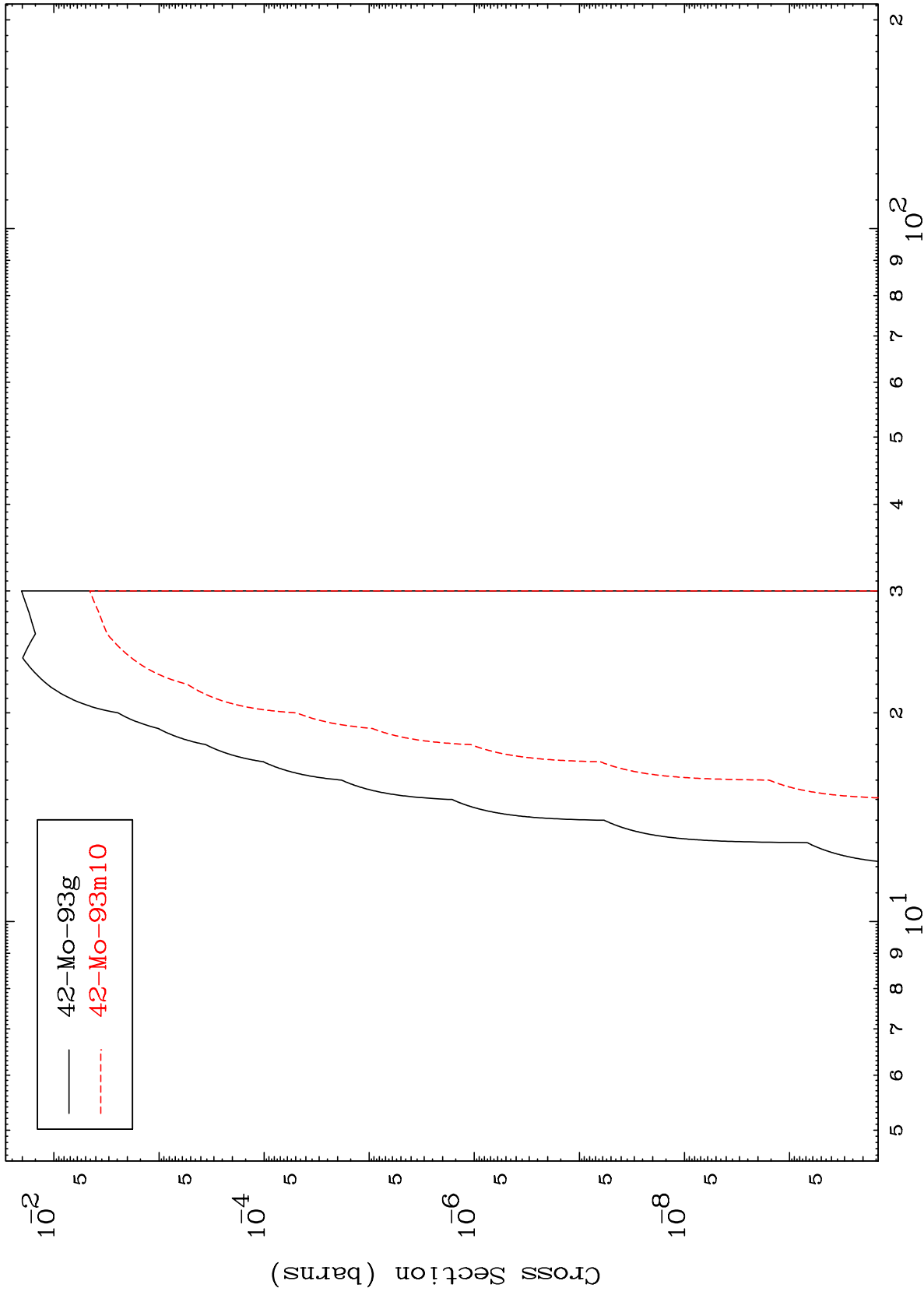
Incident Energy (MeV)

MAT 4311

(α, p) α

43-Tc-94

Radionuclide Production Cross Section



22

Incident Energy (MeV)

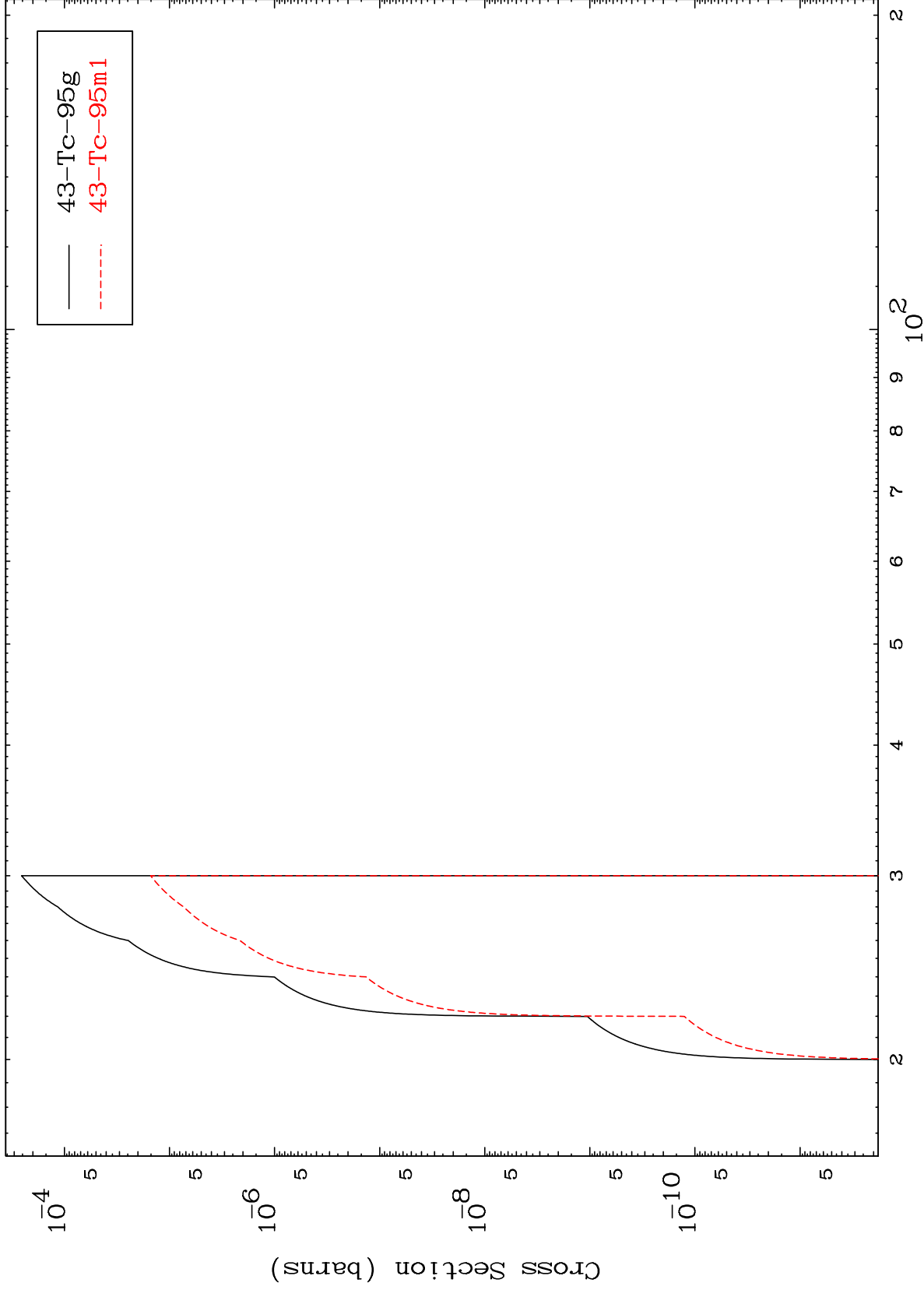
43-Tc-94

MAT 4311

(α, p) d

43-Tc-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

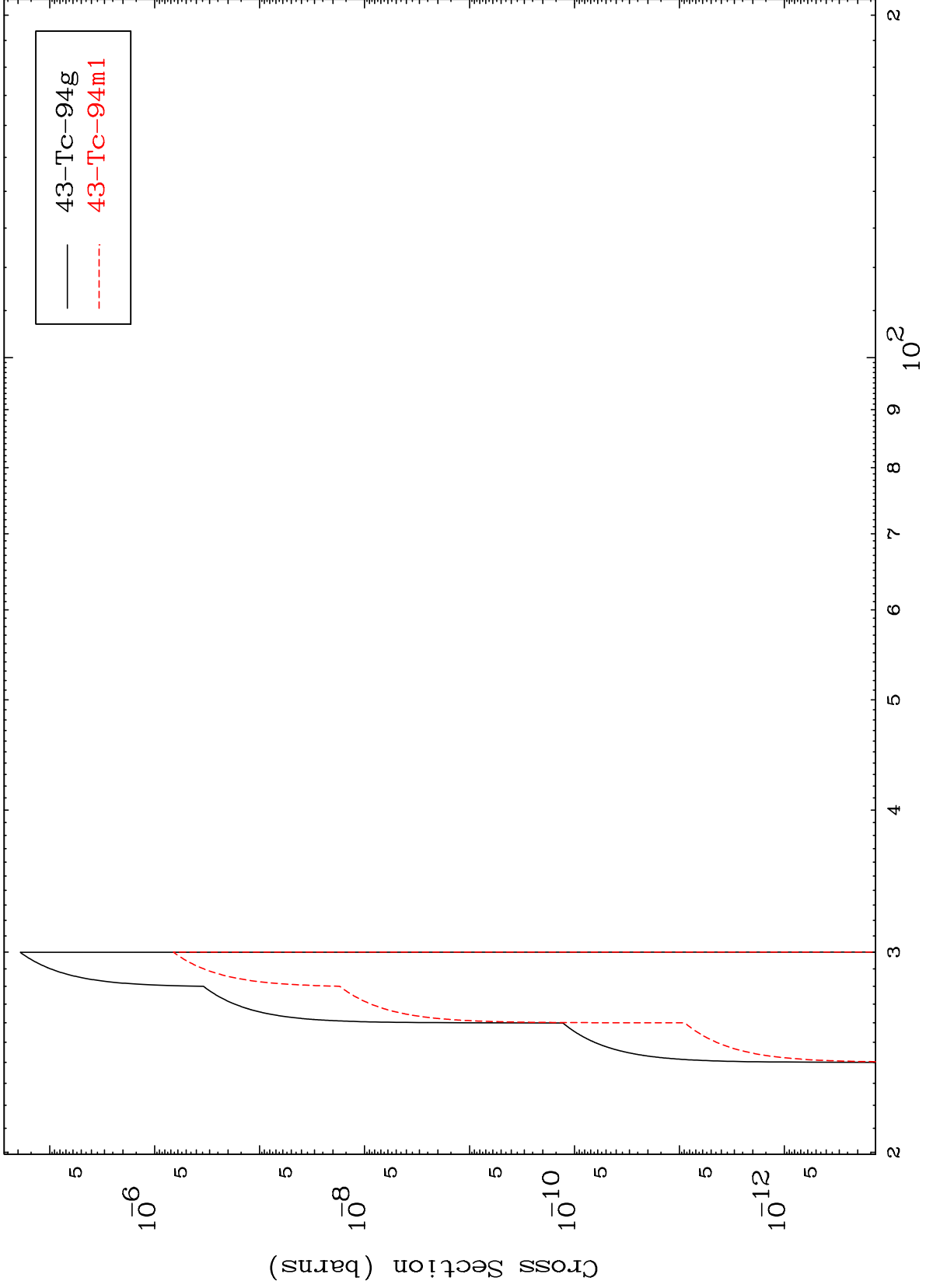
43-Tc-94

MAT 4311

(α, p) t

43-Tc-94

Radionuclide Production Cross Section



24

Incident Energy (MeV)

43-Tc-94