

Program EVALPLOT
(Version 2018-1)

by

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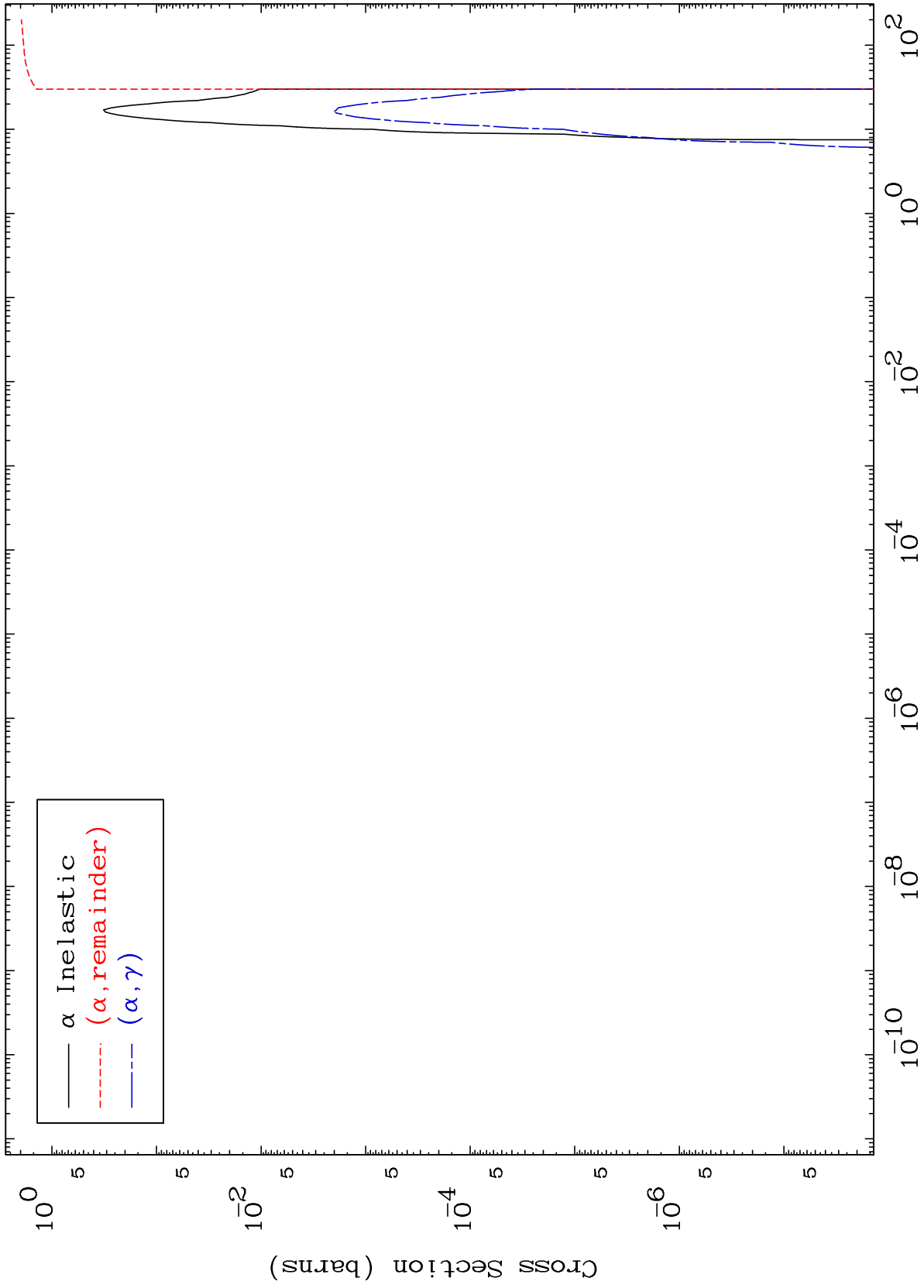
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4310

0 Kelvin α Major
Cross Sections

43-Tc-94



1

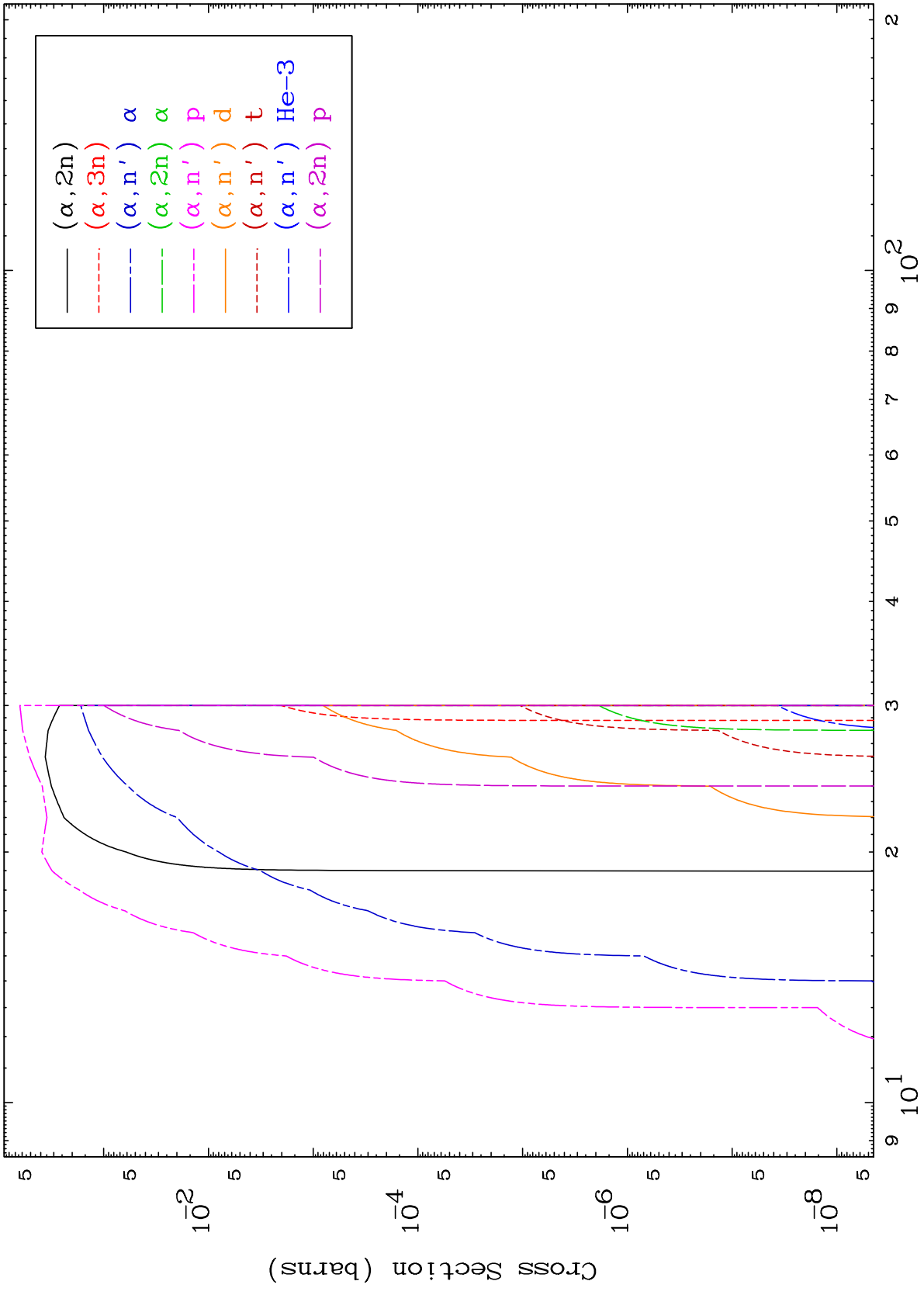
Incident Energy (MeV)

43-Tc-94

MAT 4310

α Neutron Production
0 Kelvin Cross Sections

43-Tc-94



2

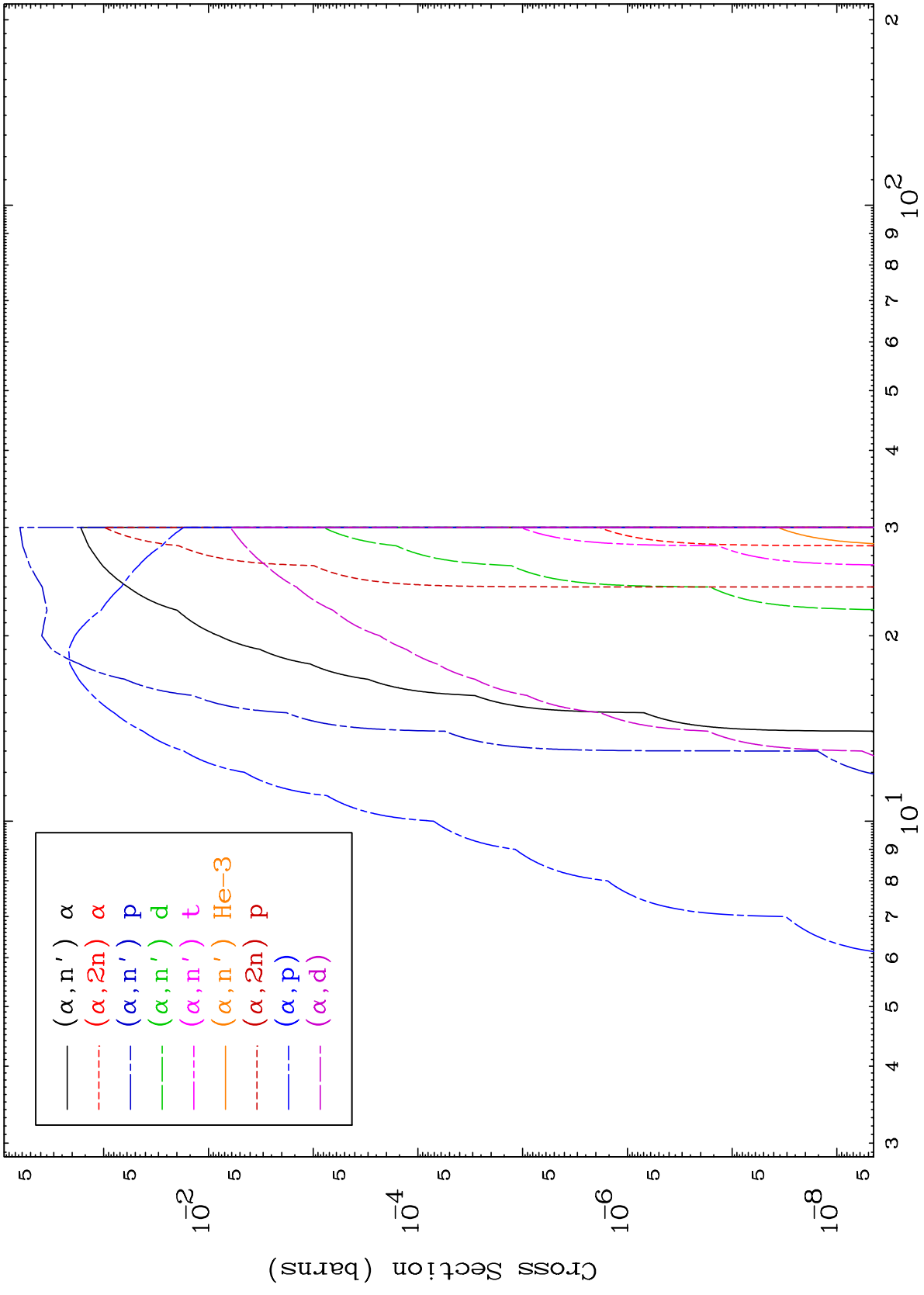
Incident Energy (MeV)

43-Tc-94

MAT 4310

α Charged Particle
0 Kelvin Cross Sections

43-Tc-94



3

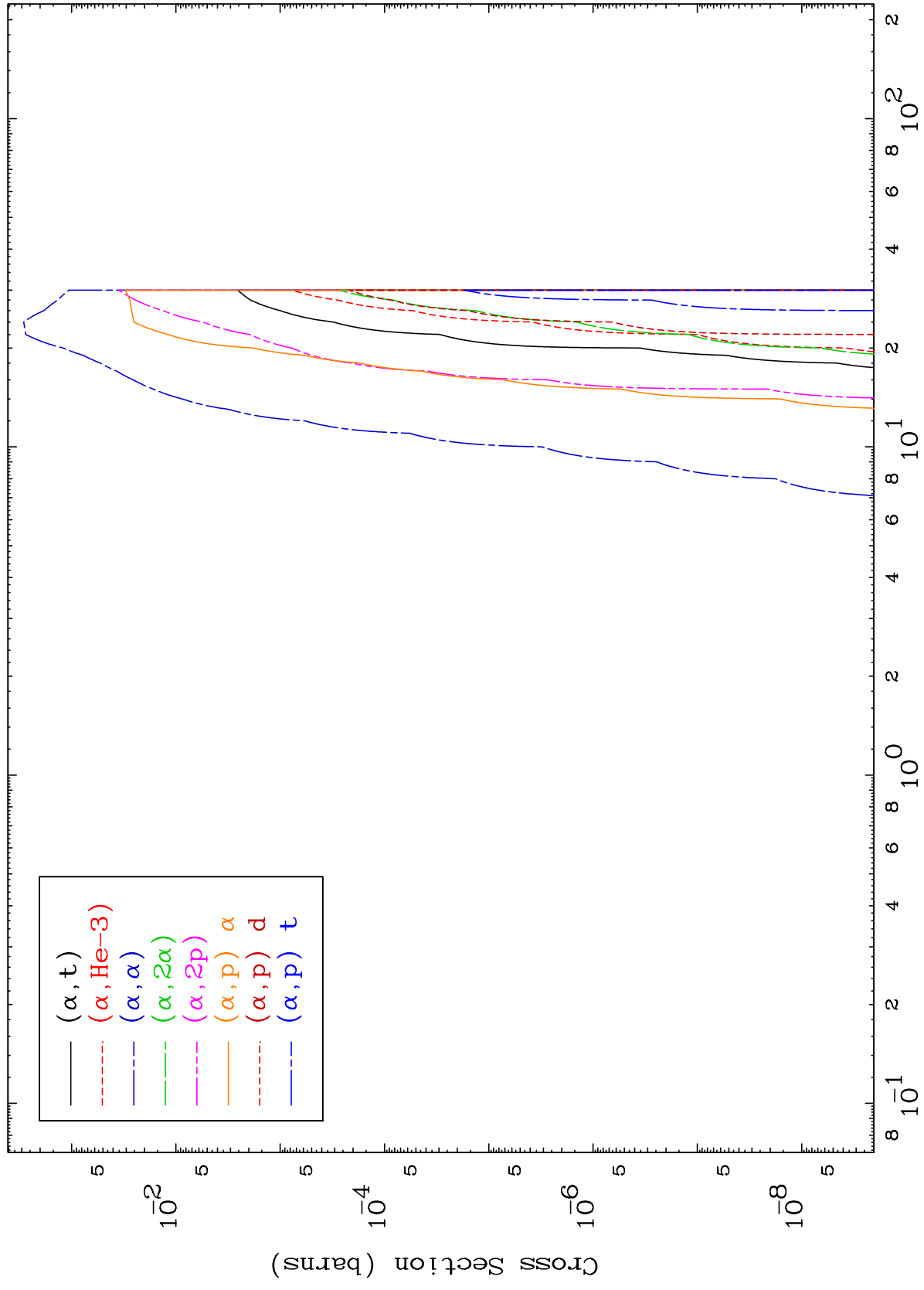
Incident Energy (MeV)

43-Tc-94

MAT 4310

α Charged Particle
0 Kelvin Cross Sections

43-Tc-94



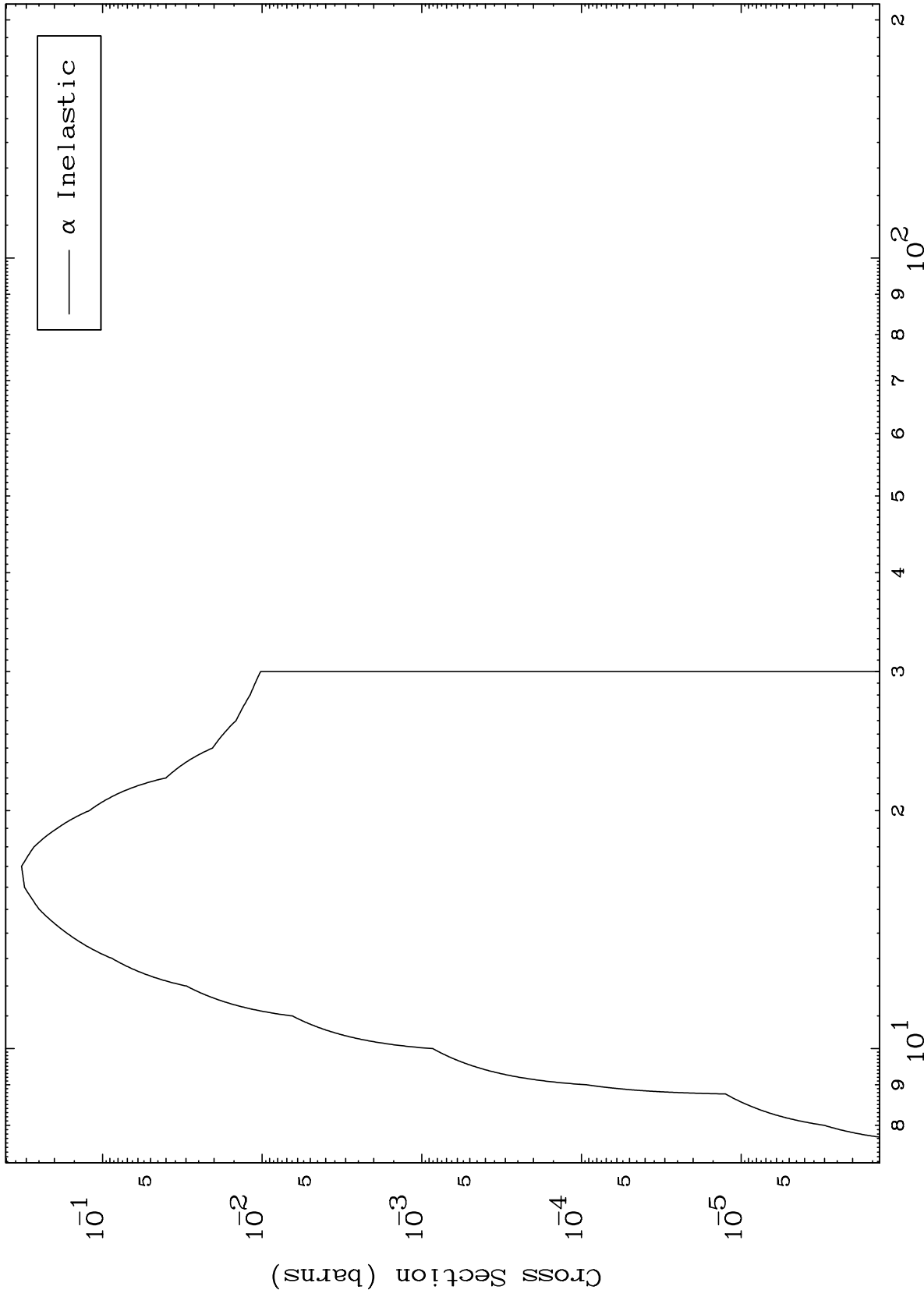
4

43-Tc-94

MAT 4310

(α, n') Level
0 Kelvin Cross Sections

43-Tc-94



5

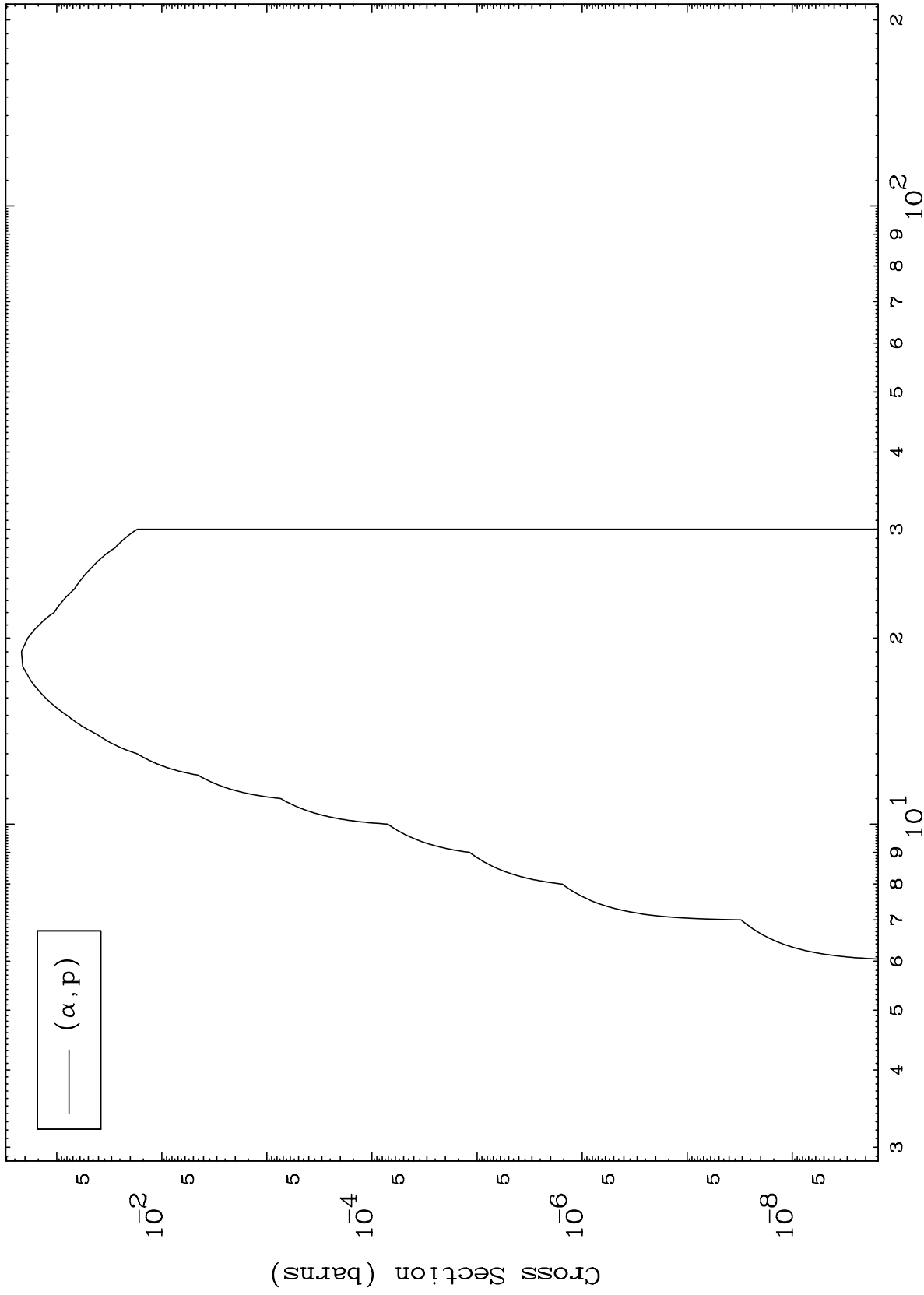
Incident Energy (MeV)

43-Tc-94

MAT 4310

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-94



6

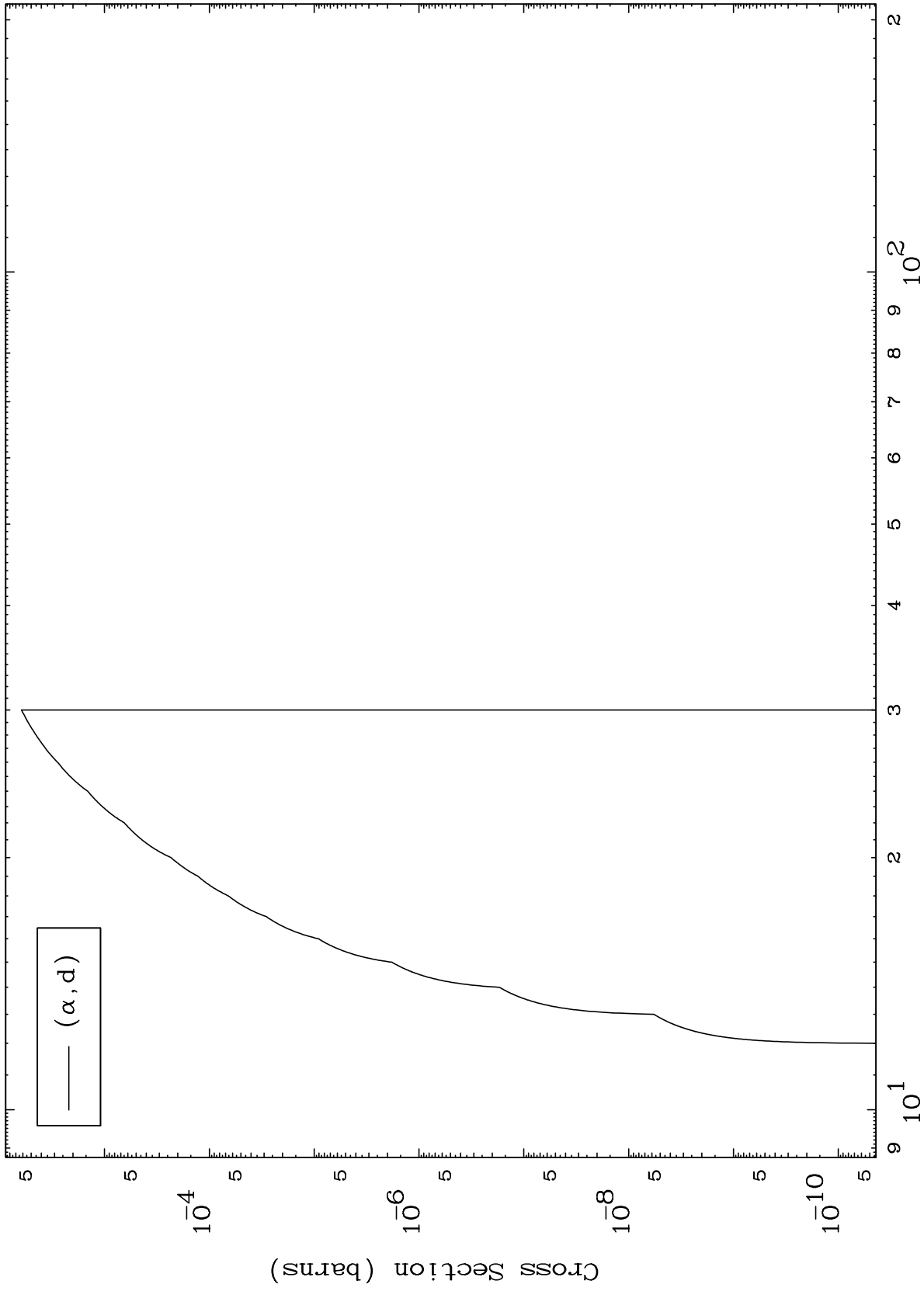
Incident Energy (MeV)

43-Tc-94

MAT 4310

(α, d) Levels
0 Kelvin Cross Sections

43-Tc-94



7

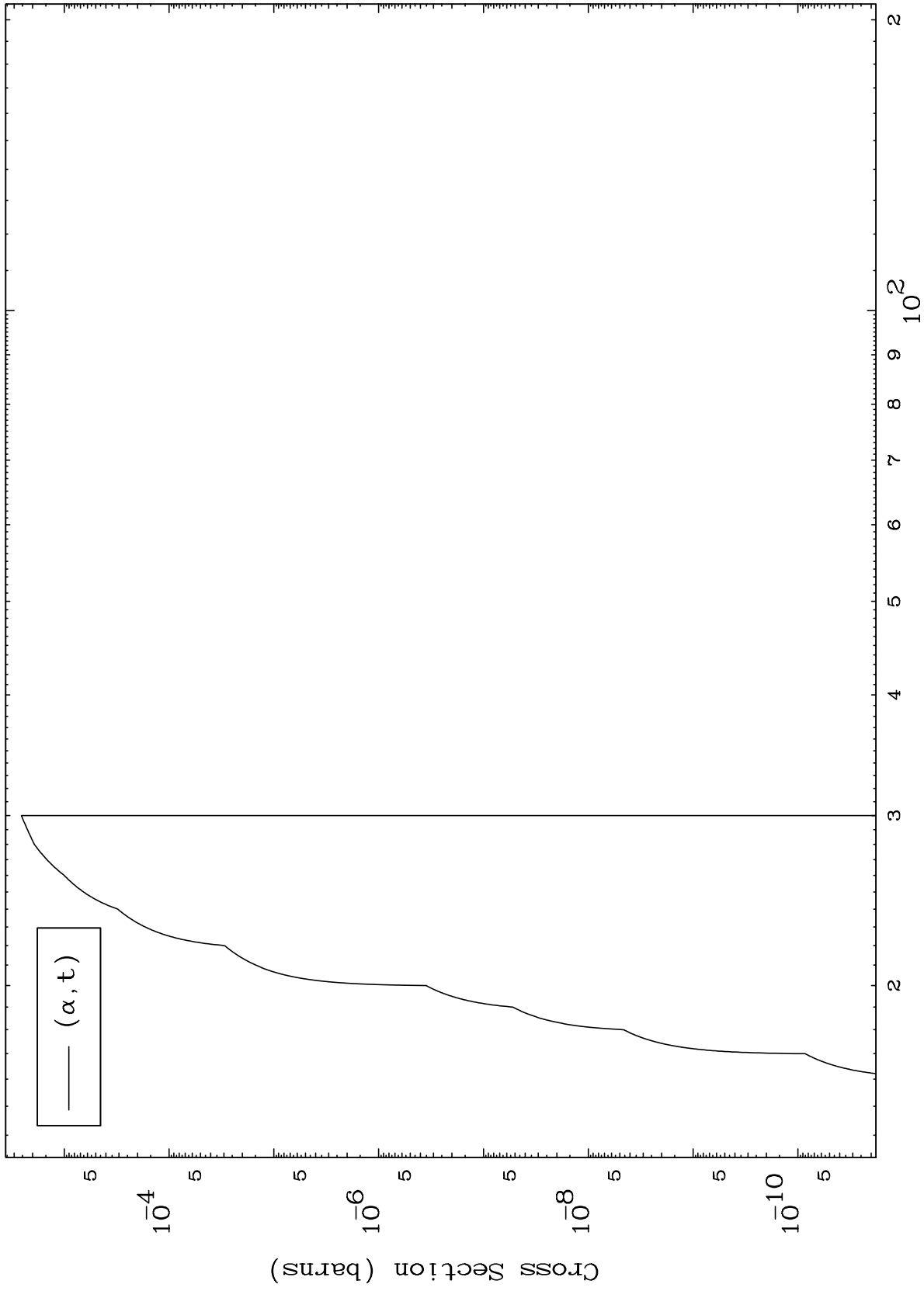
Incident Energy (MeV)

43-Tc-94

MAT 4310

(α, t) Levels
0 Kelvin Cross Sections

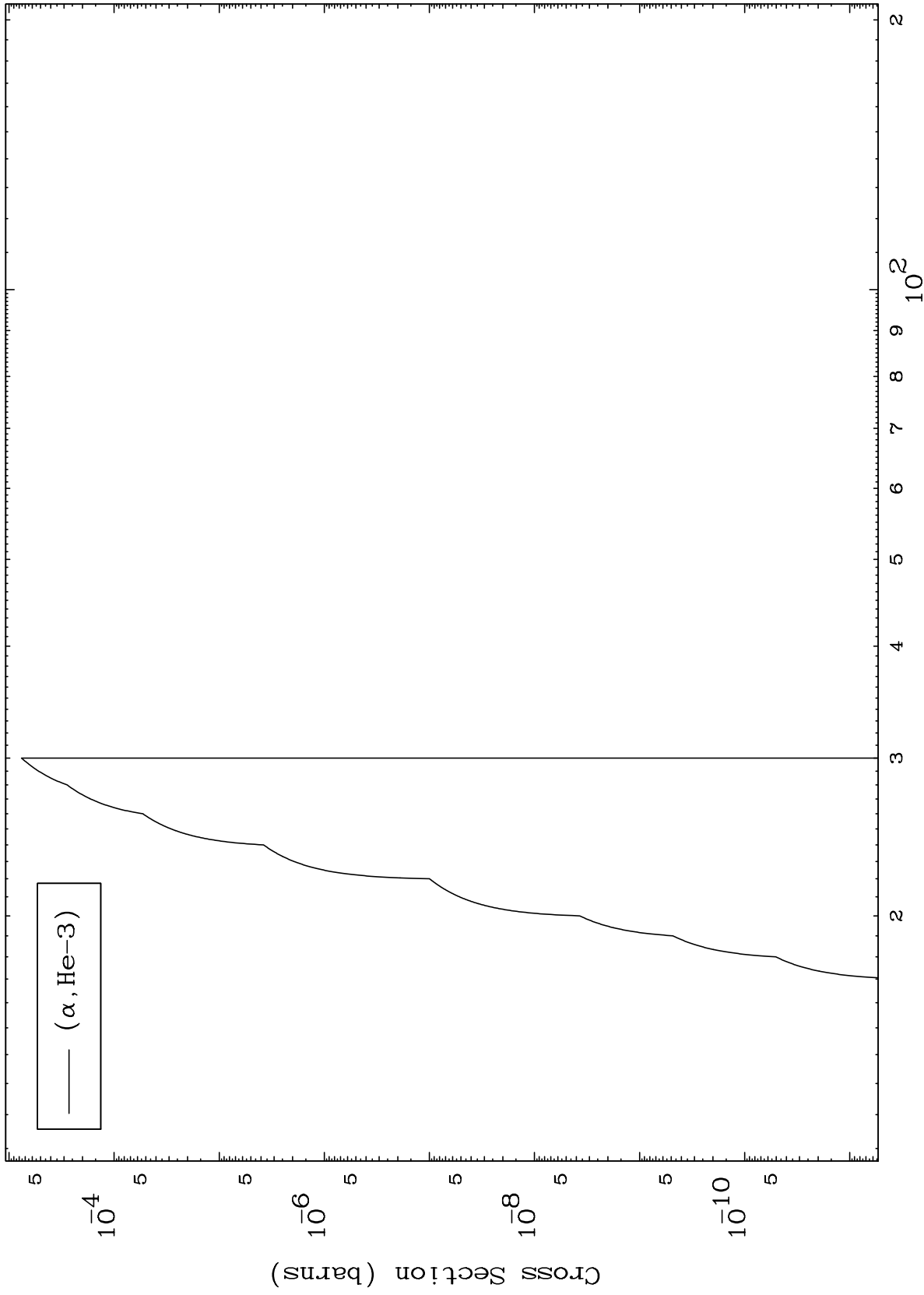
43-Tc-94



8

Incident Energy (MeV)

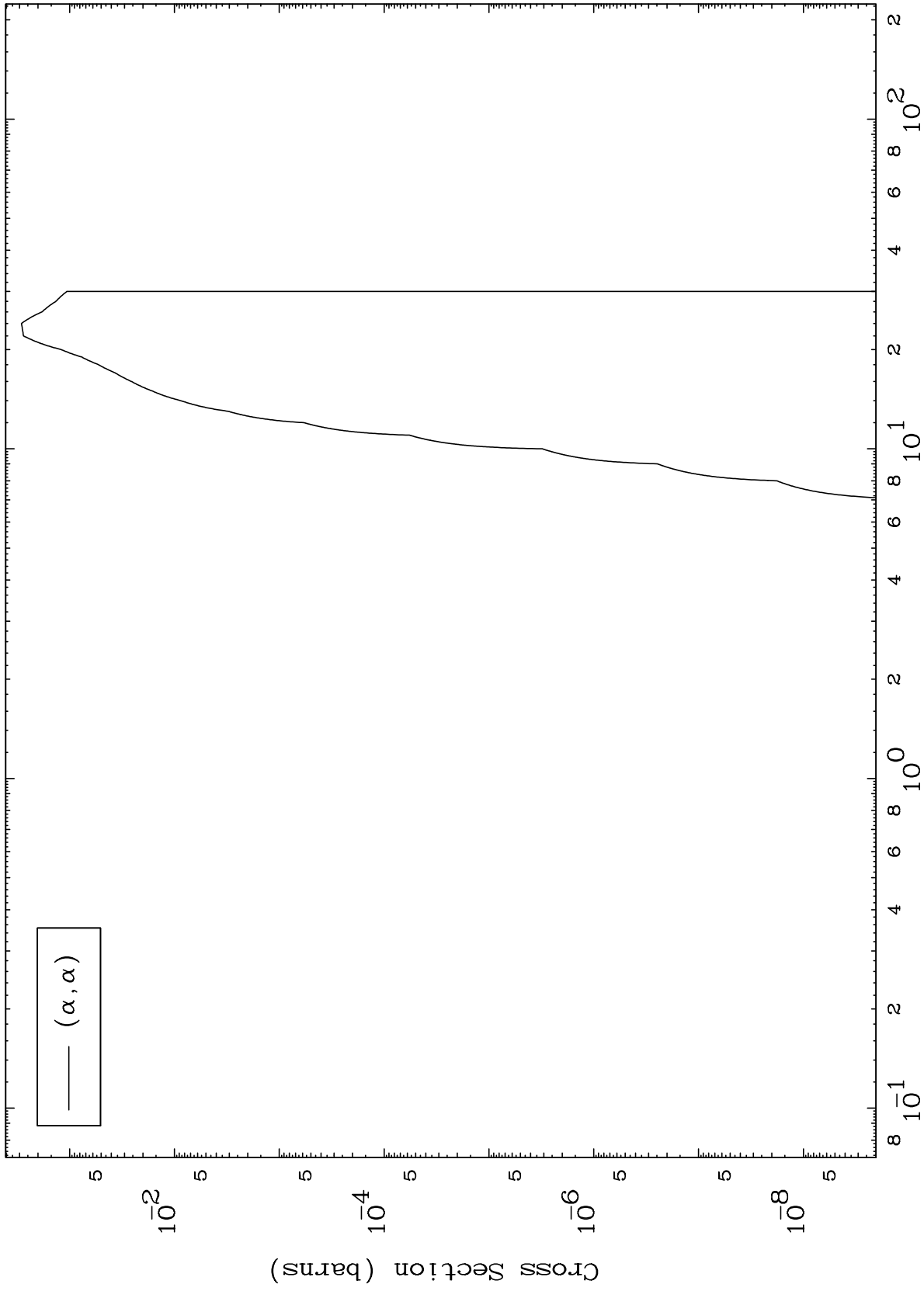
43-Tc-94



MAT 4310

(α, α) Levels
0 Kelvin Cross Sections

43-Tc-94



10

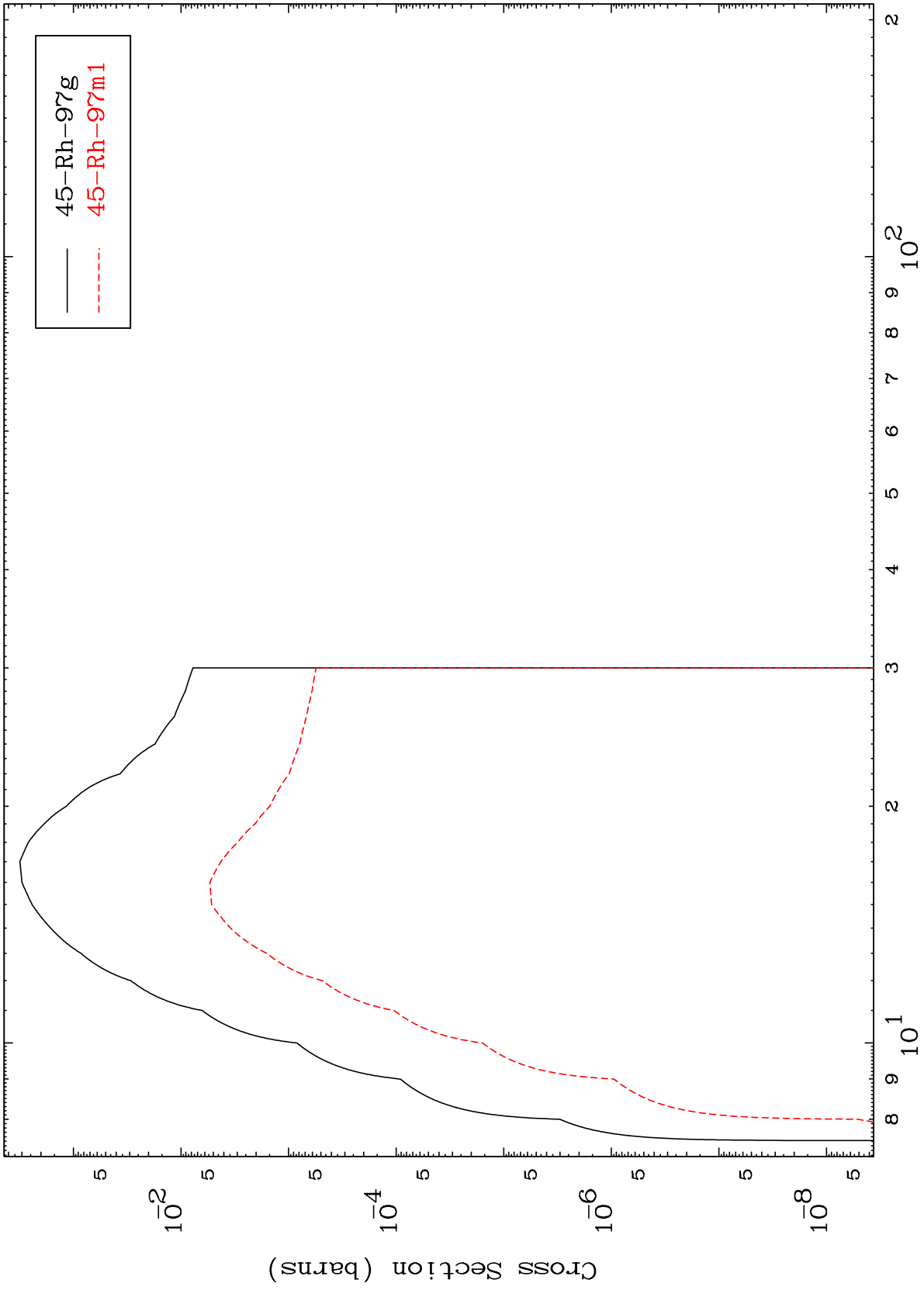
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

α Inelastic
Radionuclide Production Cross Section



11

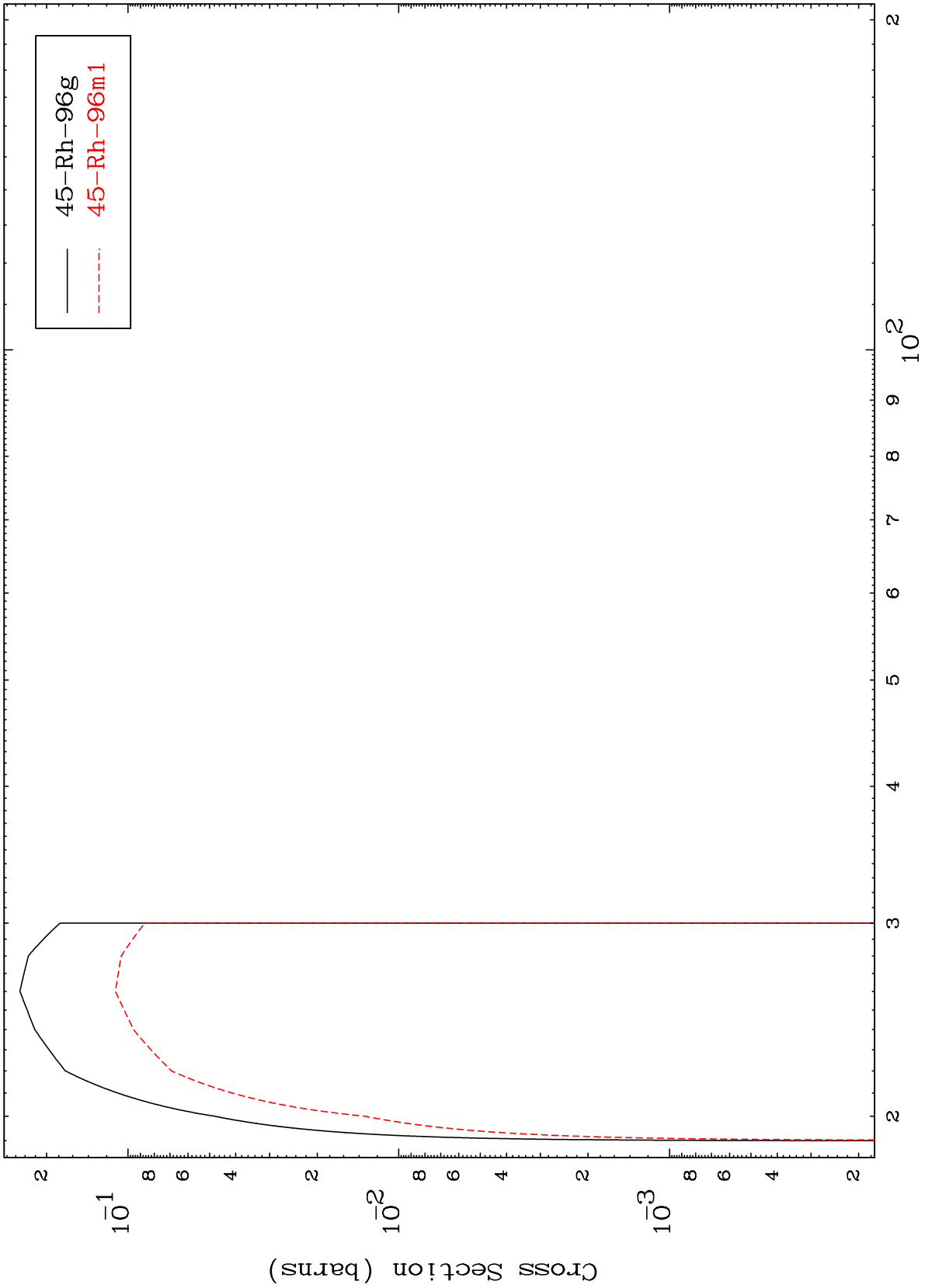
43-Tc-94

MAT 4310

($\alpha, 2n$)

43-Tc-94

Radionuclide Production Cross Section



12

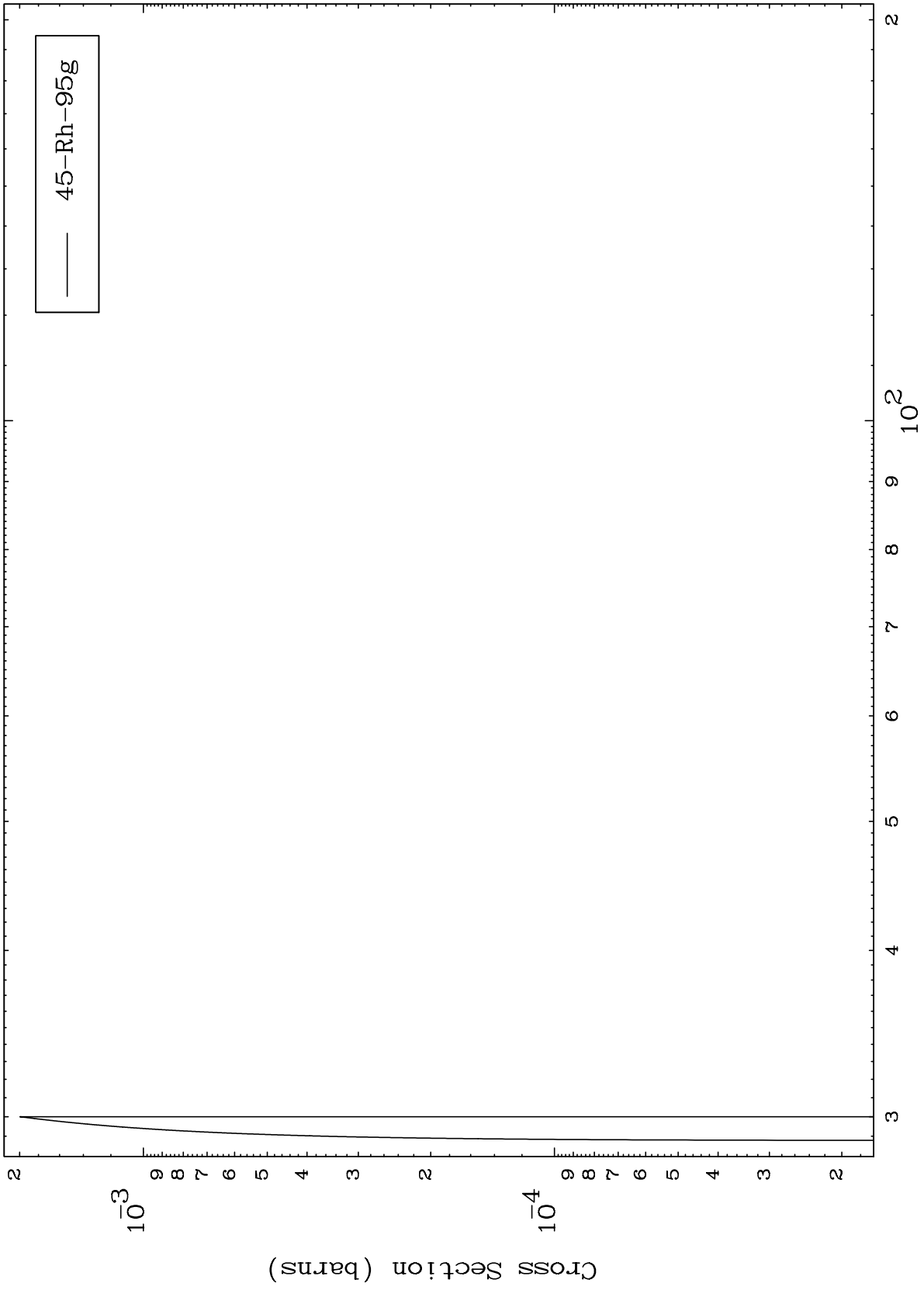
Incident Energy (MeV)

43-Tc-94

MAT 4310

43-Tc-94

($\alpha, 3n$)
Radionuclide Production Cross Section



43-Tc-94

Incident Energy (MeV)

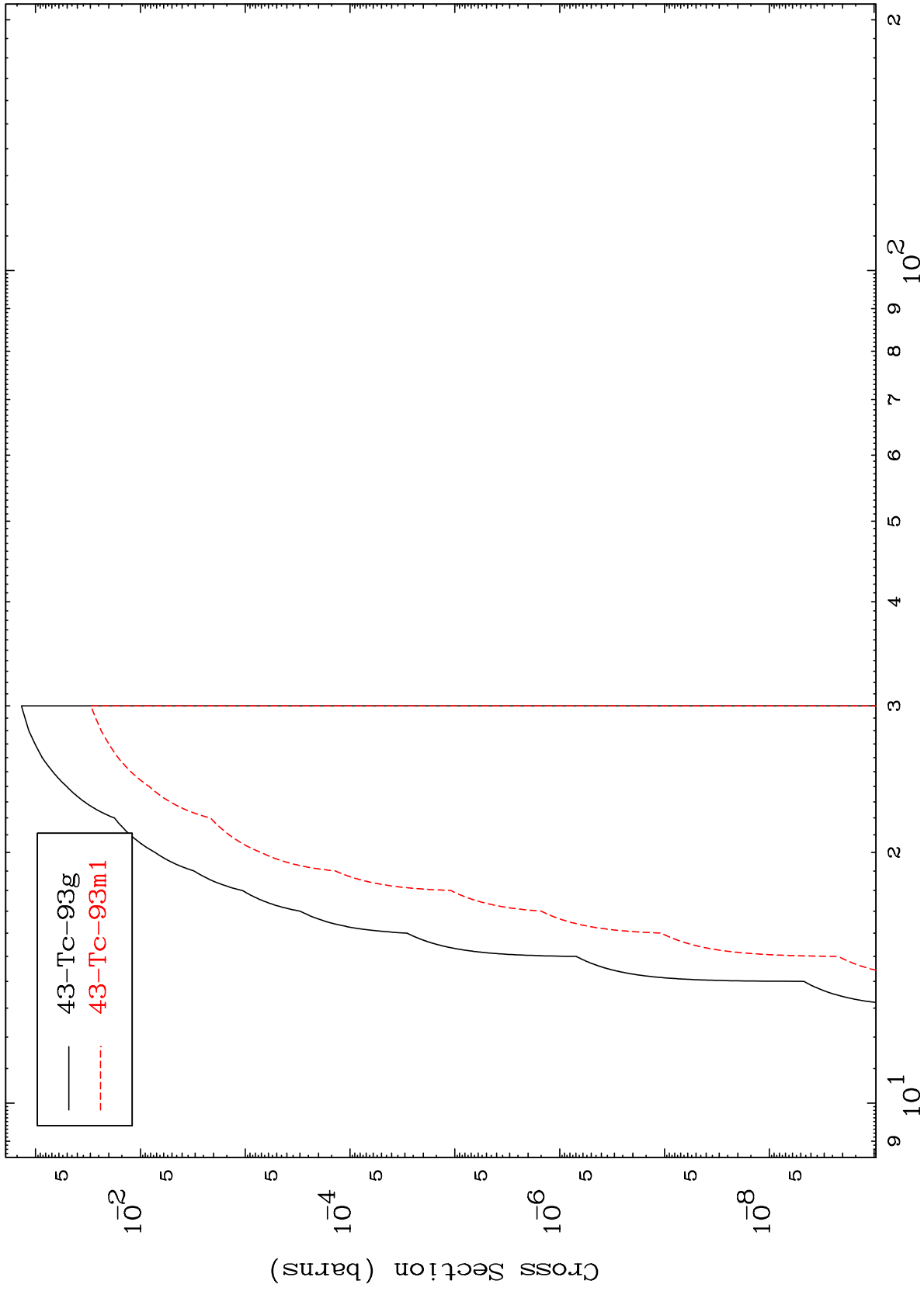
13

MAT 4310

(α, n') α

43-Tc-94

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

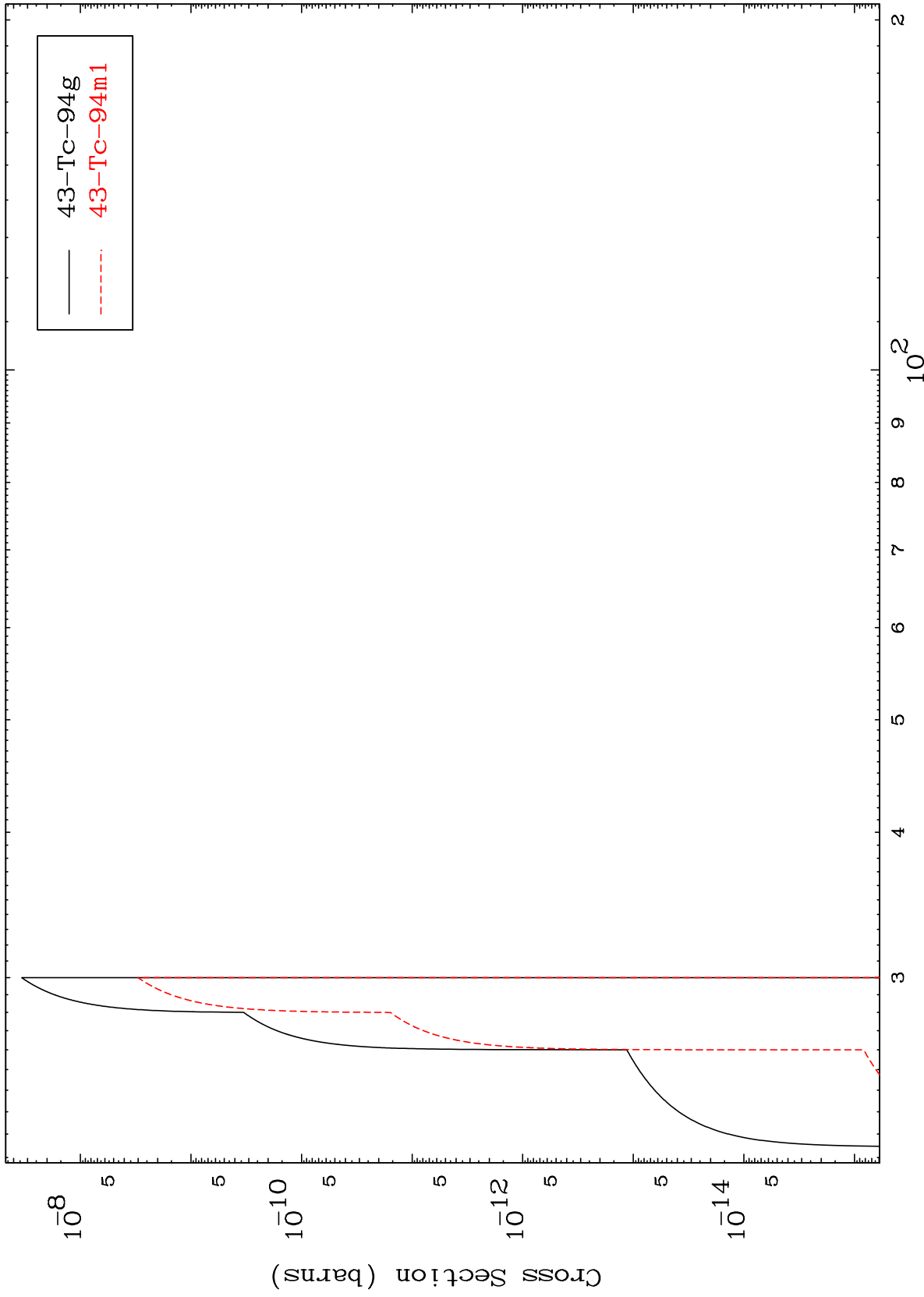
43-Tc-94

MAT 4310

(α, n') He-3

43-Tc-94

Radionuclide Production Cross Section



15

Incident Energy (MeV)

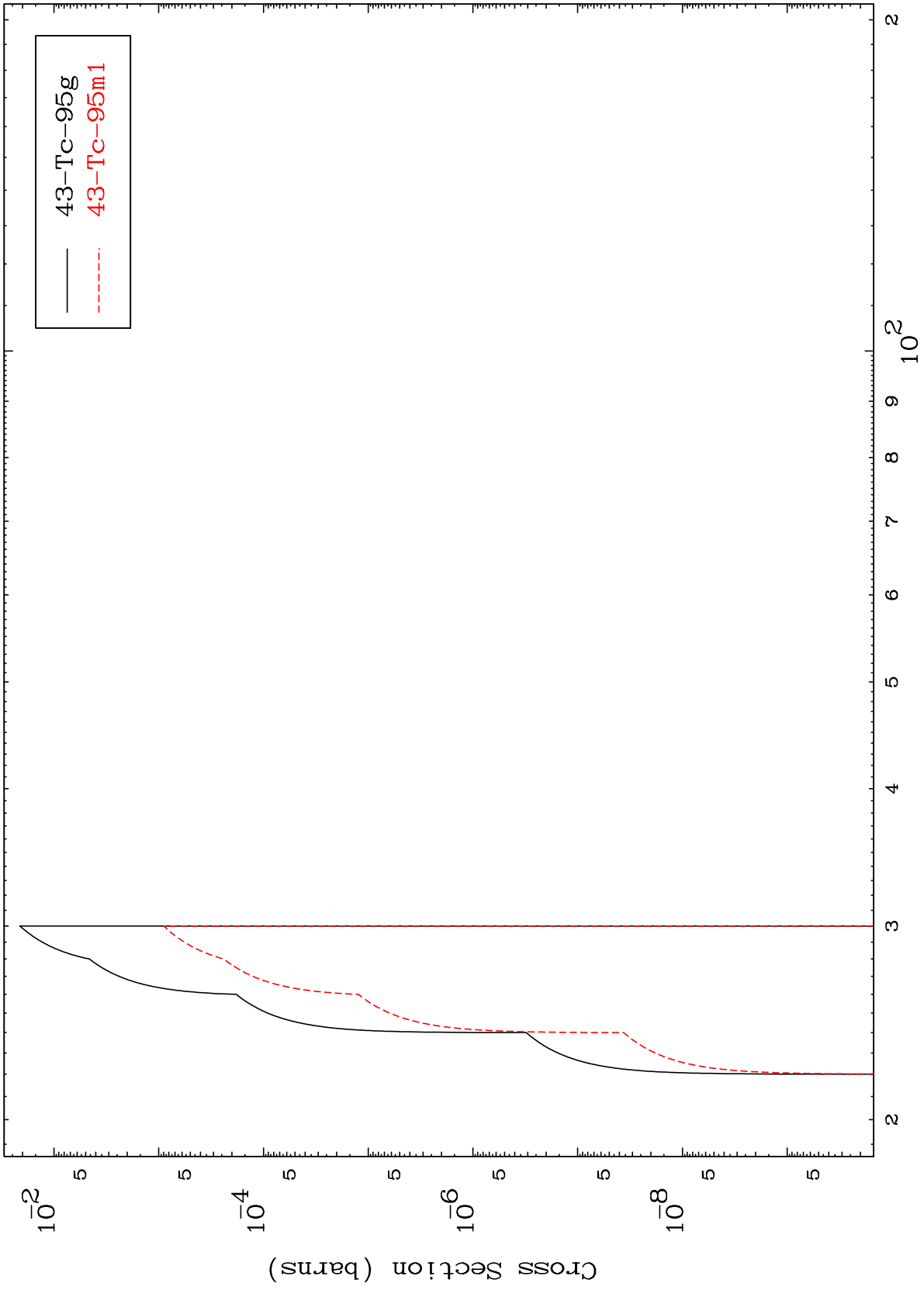
43-Tc-94

MAT 4310

($\alpha, 2n$) p

43-Tc-94

Radionuclide Production Cross Section



16

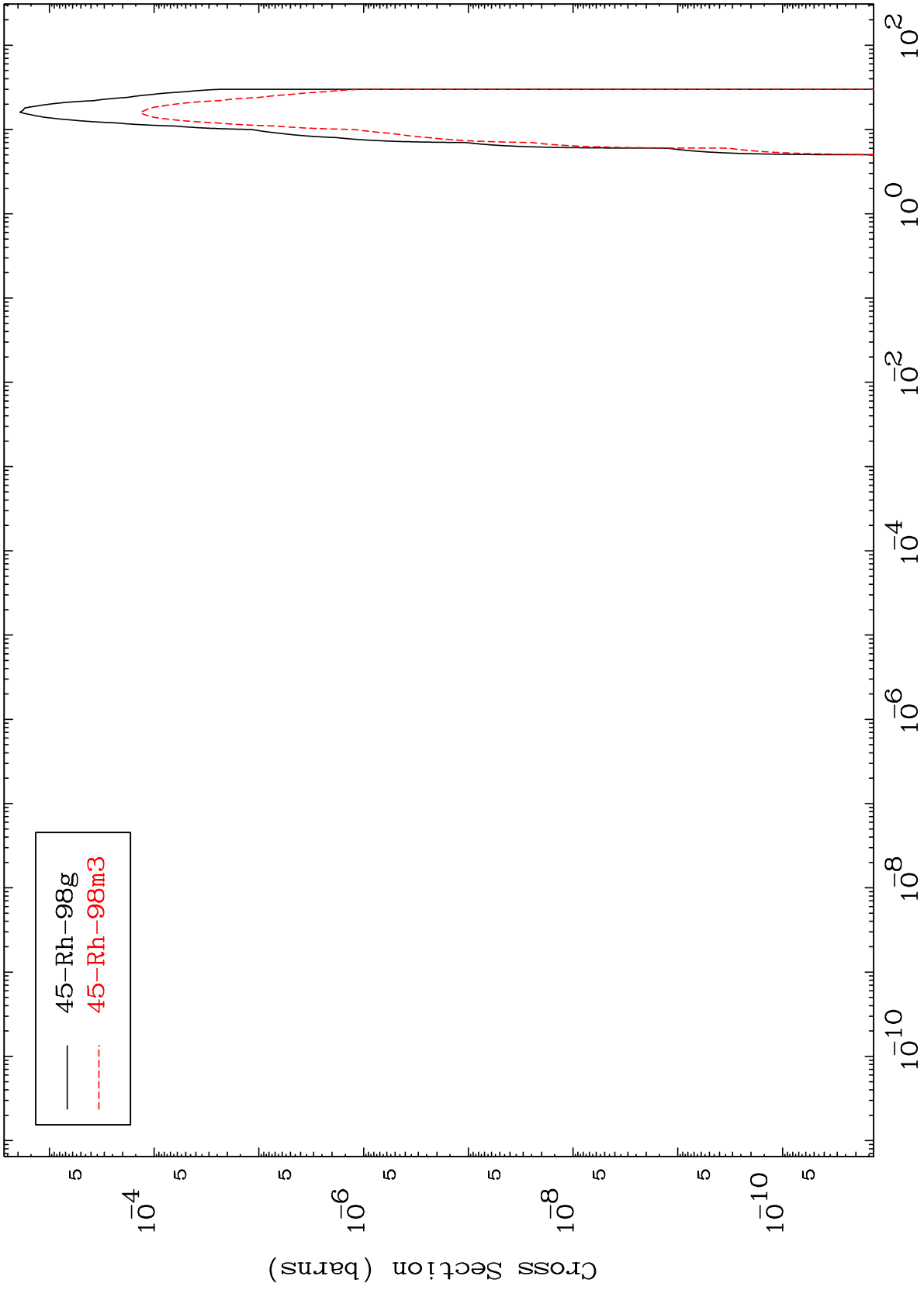
Incident Energy (MeV)

43-Tc-94

MAT 4310

Radionuclide Production Cross Section
(α, γ)

43-Tc-94



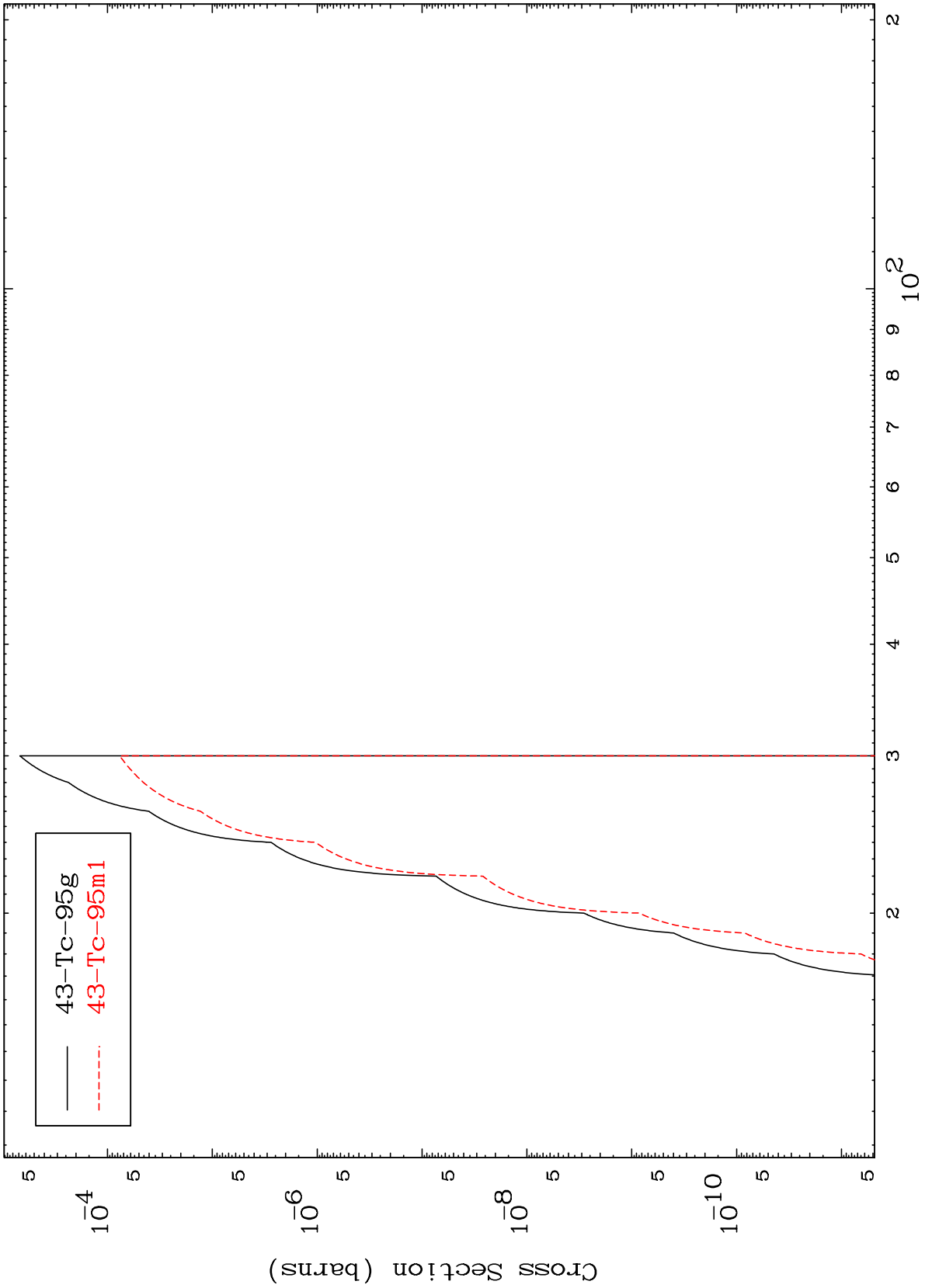
43-Tc-94

MAT 4310

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

43-Tc-94

Radionuclide Production Cross Section



18

Incident Energy (MeV)

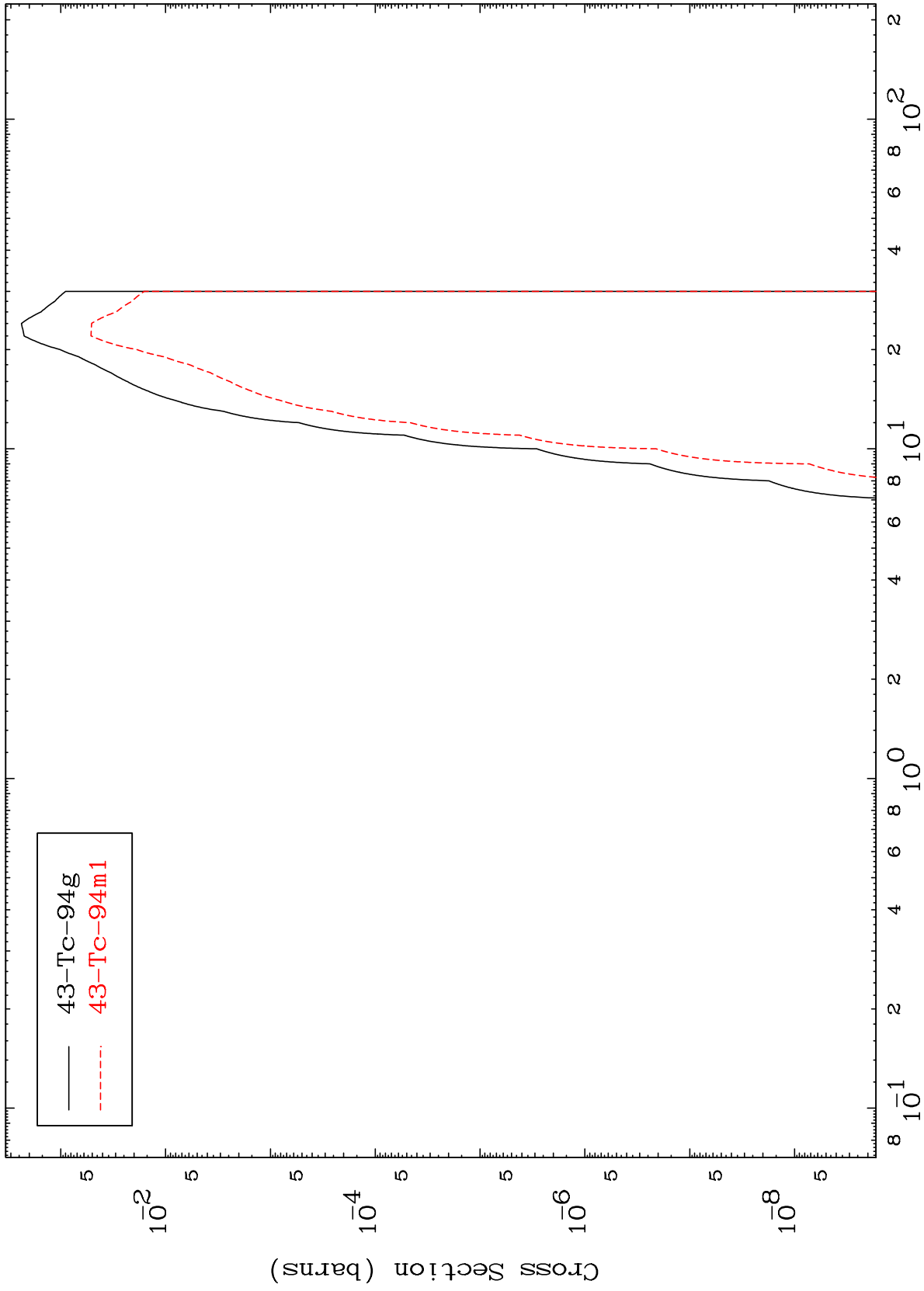
43-Tc-94

MAT 4310

(α, α)

⁴³Tc-94

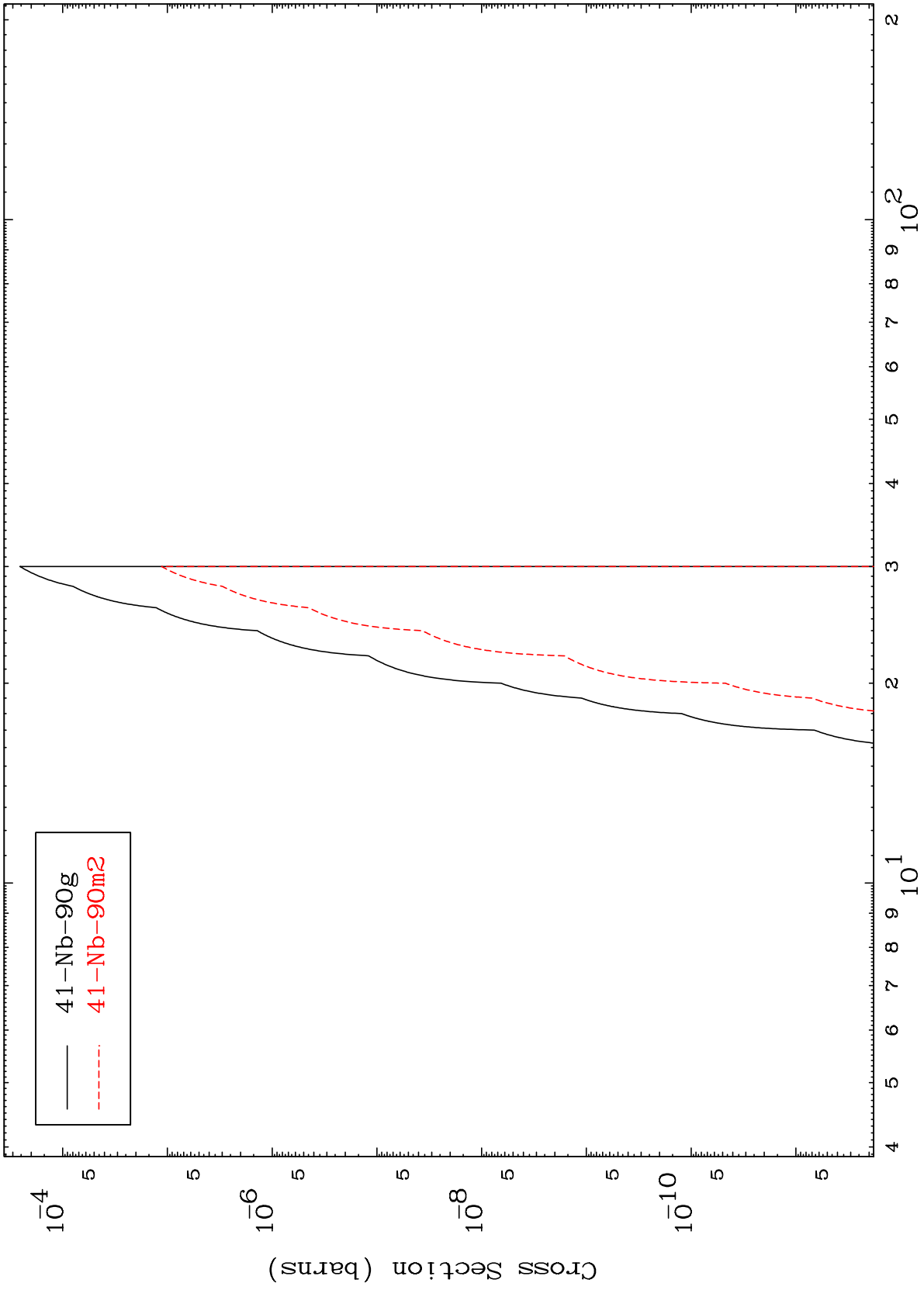
Radionuclide Production Cross Section



MAT 4310

43-Tc-94

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



— 41-Nb-90g
- - - 41-Nb-90m2

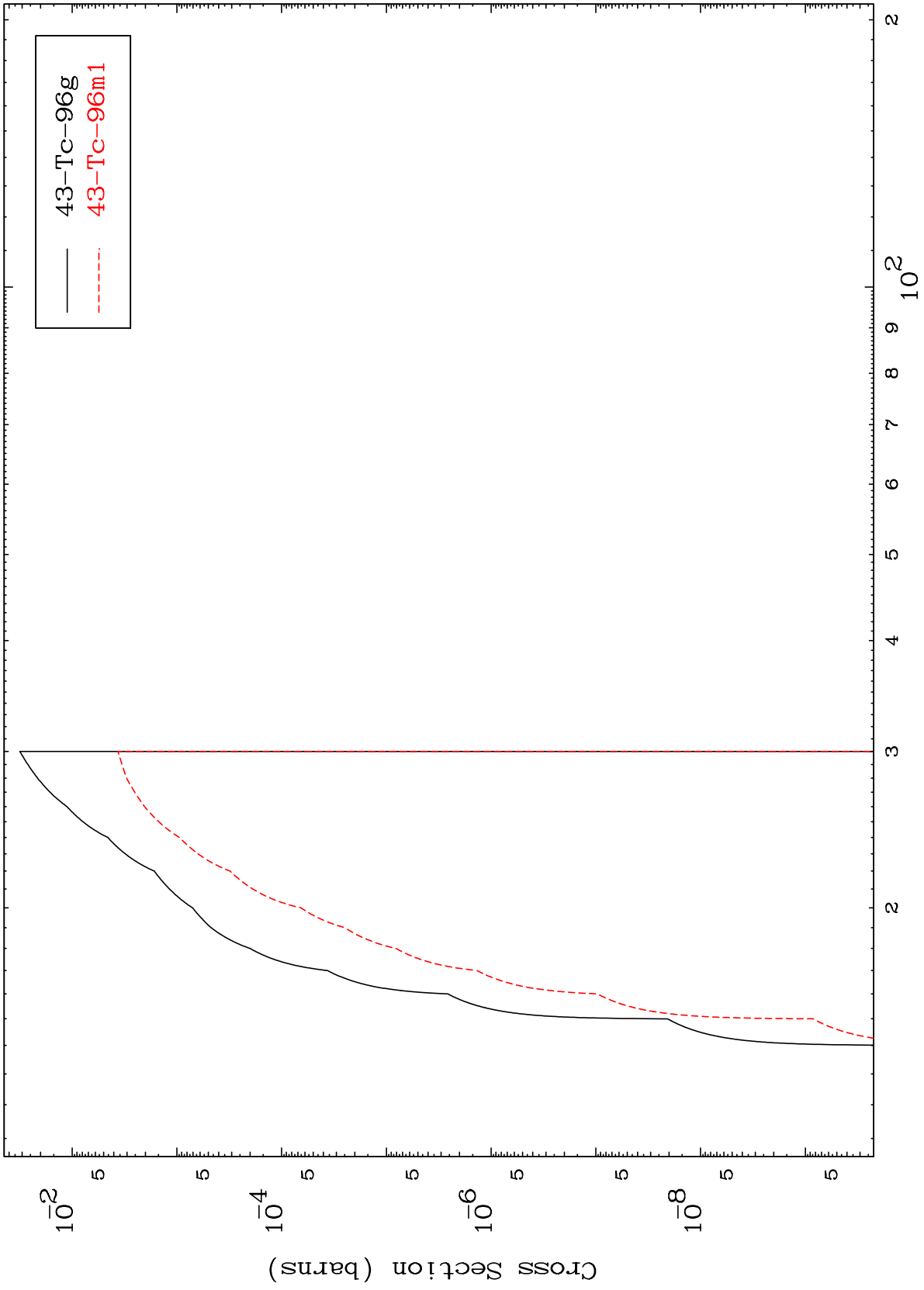
20

43-Tc-94

MAT 4310

43-Tc-94

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



21

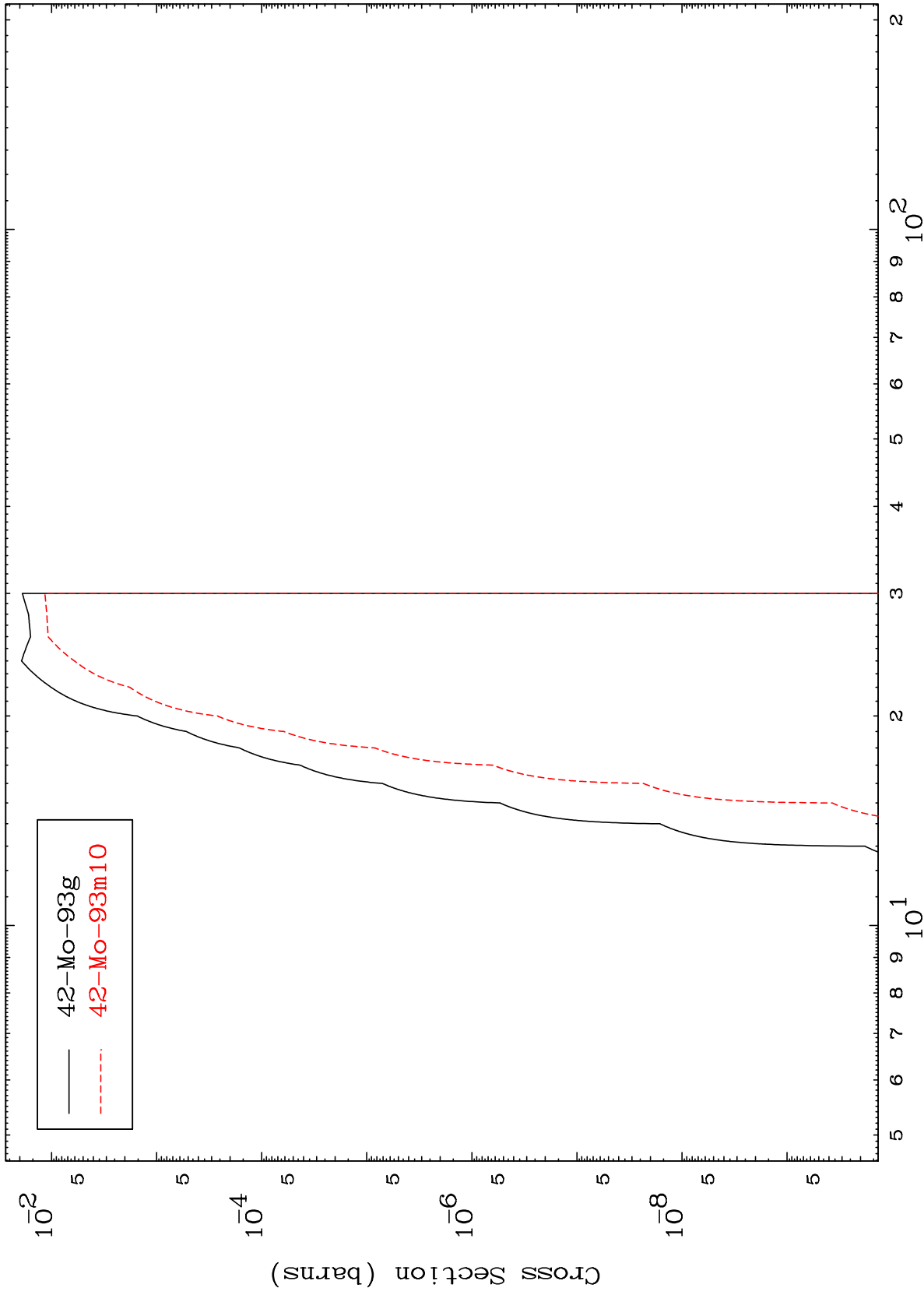
43-Tc-94

MAT 4310

(α, p) α

43-Tc-94

Radionuclide Production Cross Section



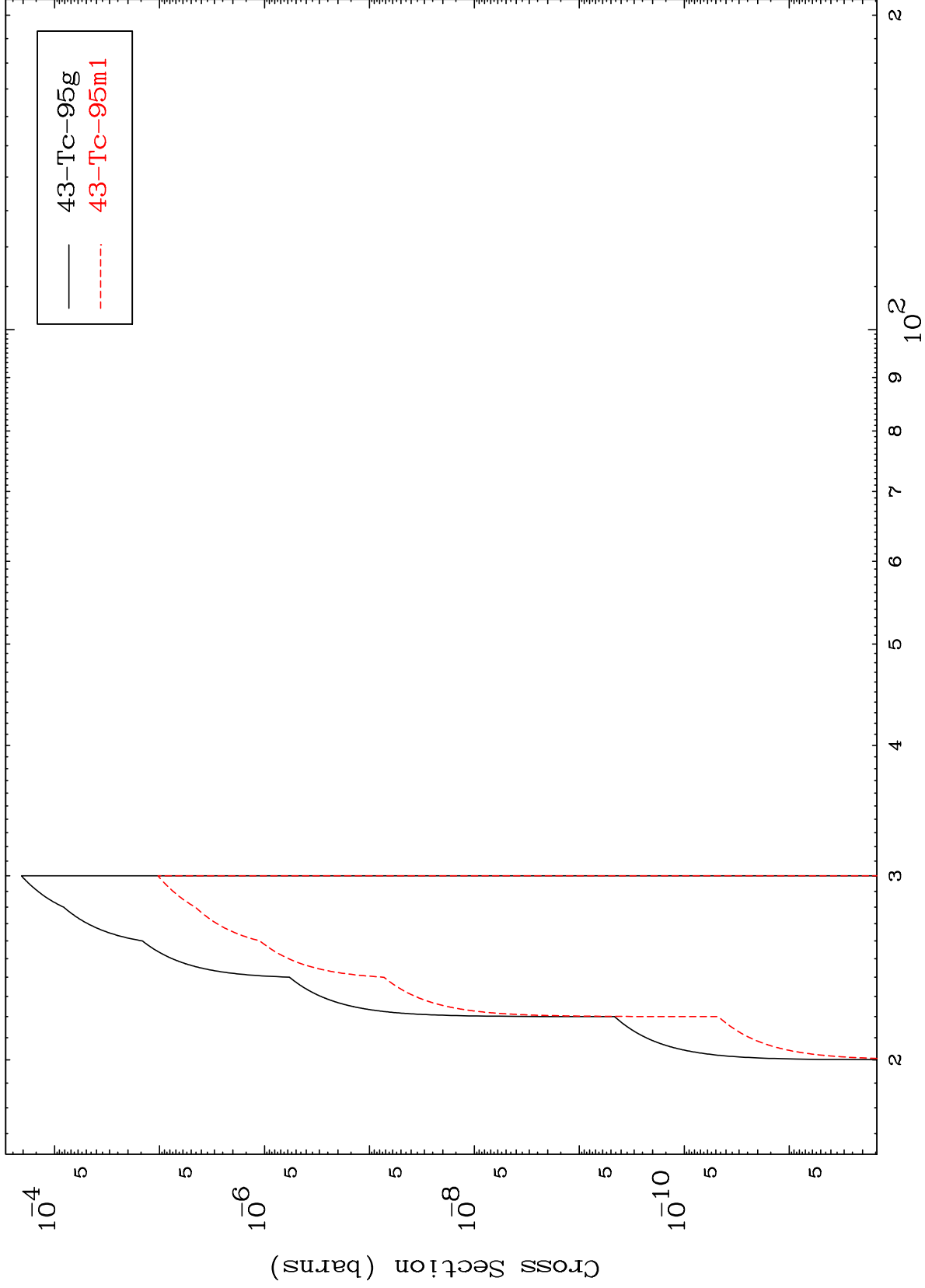
22

MAT 4310

(α, p) d

43-Tc-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

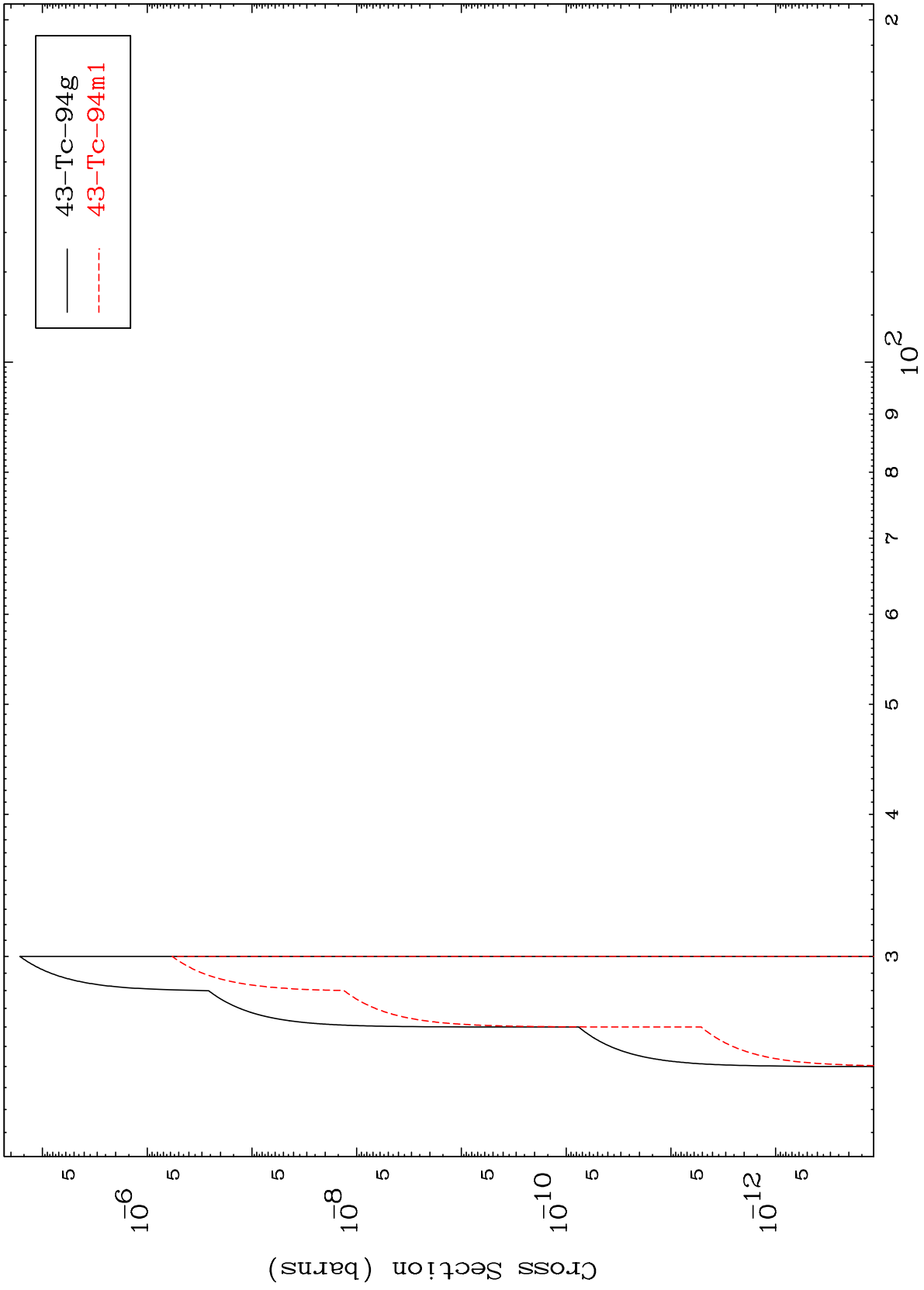
43-Tc-94

MAT 4310

(α, p) t

⁴³Tc-94

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁴³Tc-94