

Program EVALPLOT
(Version 2018-1)

by

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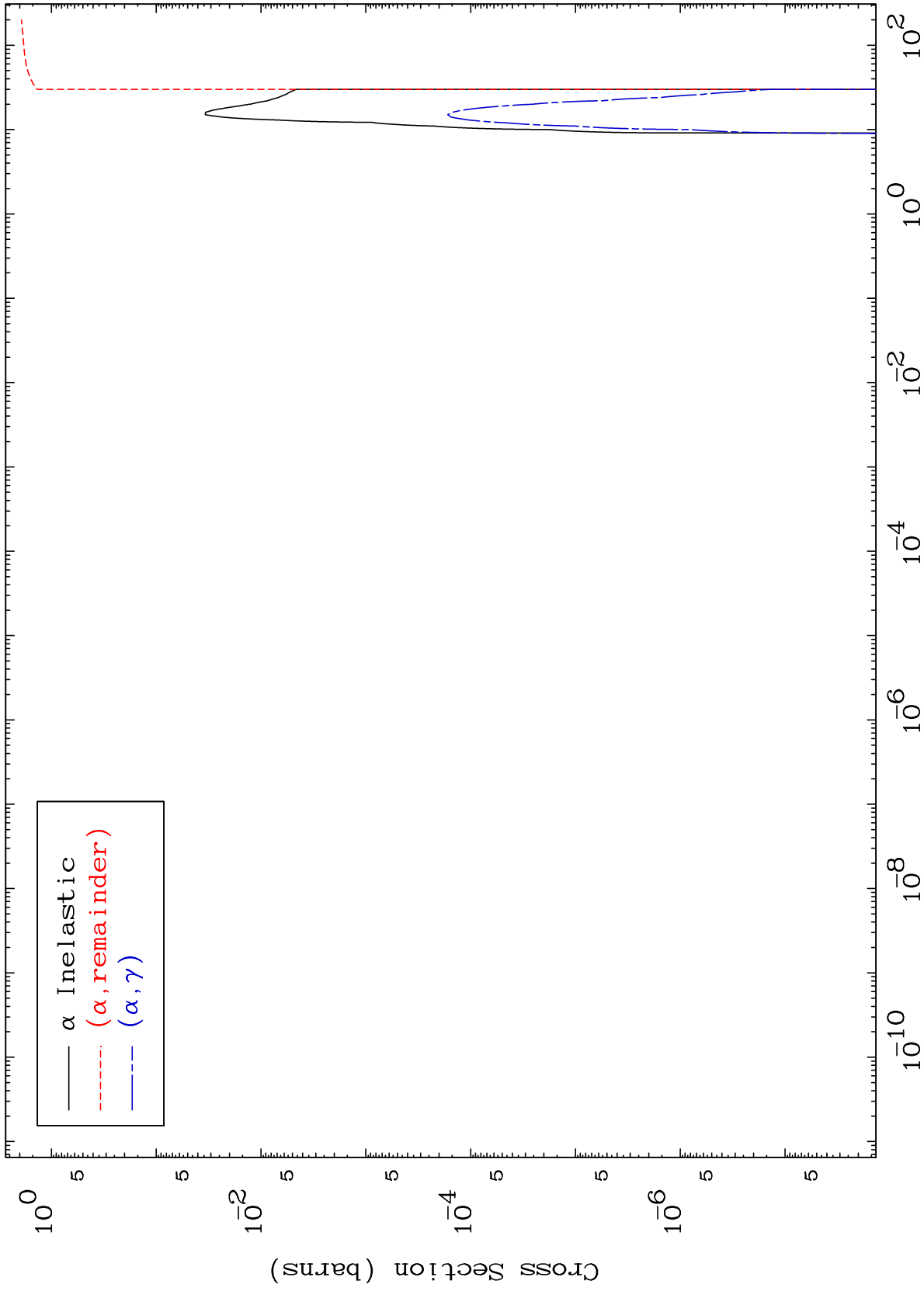
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4301

0 Kelvin α Major
Cross Sections

43-Tc-91



1

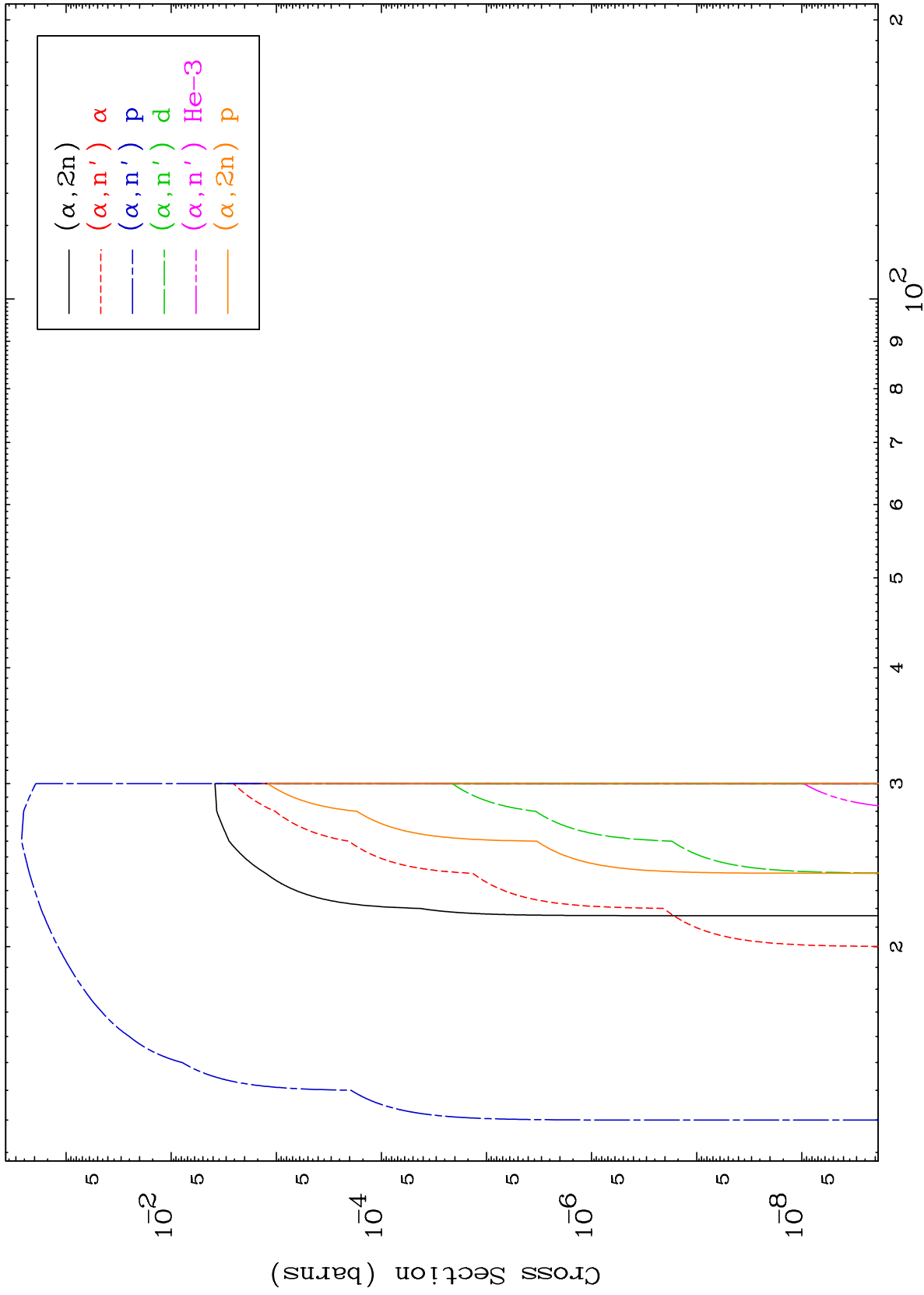
Incident Energy (MeV)

43-Tc-91

MAT 4301

α Neutron Production
0 Kelvin Cross Sections

43-Tc-91



2

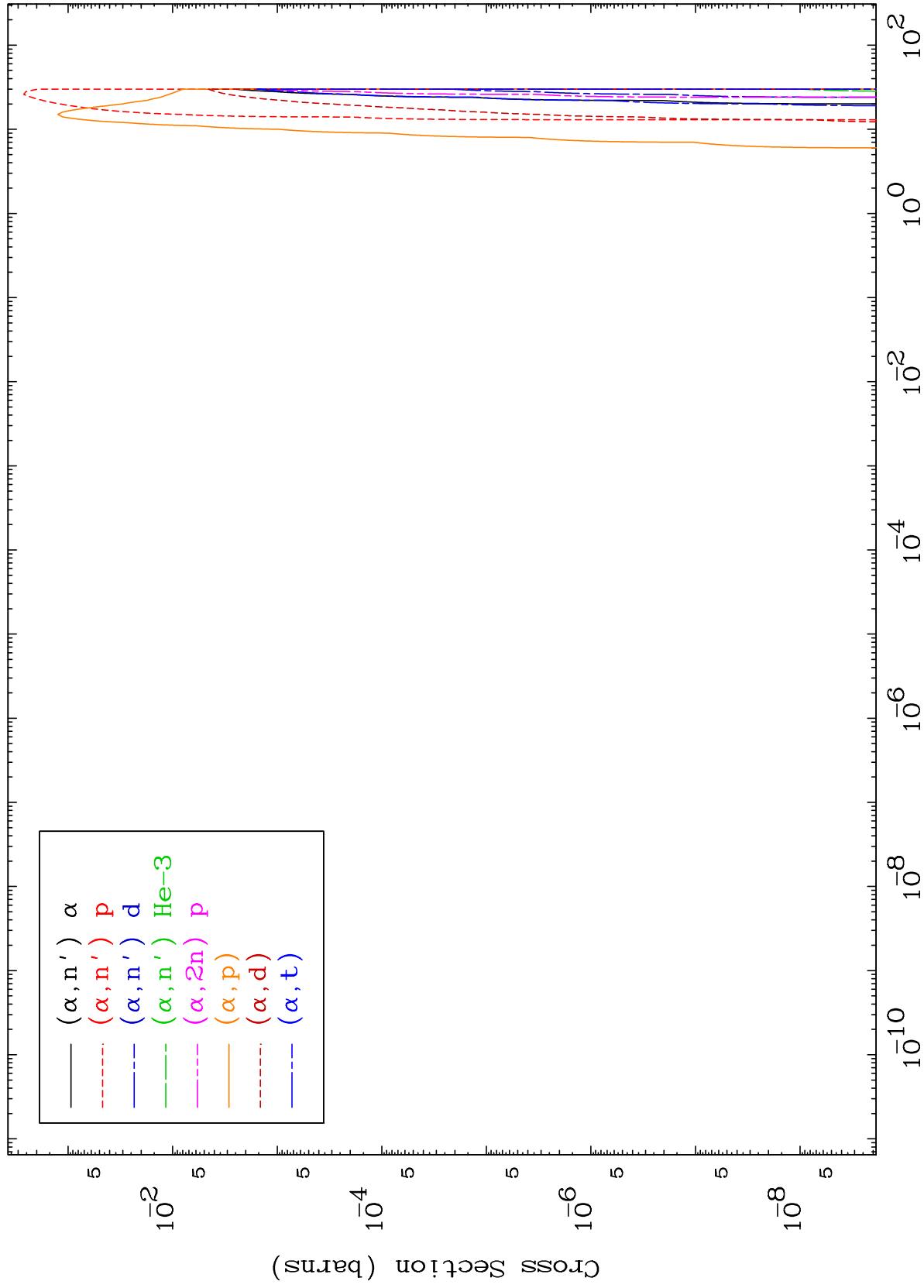
Incident Energy (MeV)

43-Tc-91

MAT 4301

α Charged Particle
0 Kelvin Cross Sections

43-Tc-91



3

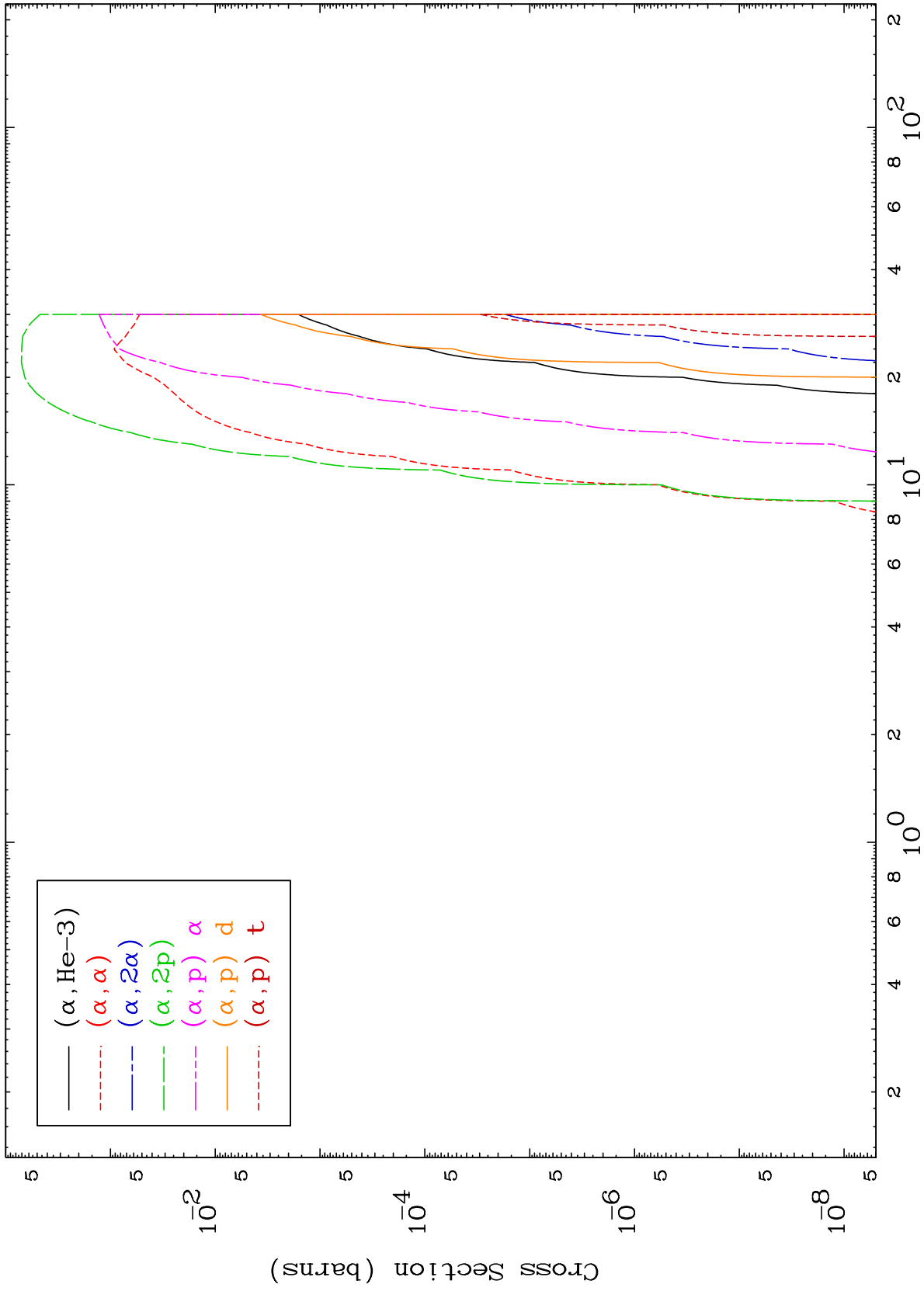
Incident Energy (MeV)

43-Tc-91

MAT 4301

α Charged Particle
0 Kelvin Cross Sections

43-Tc-91



4

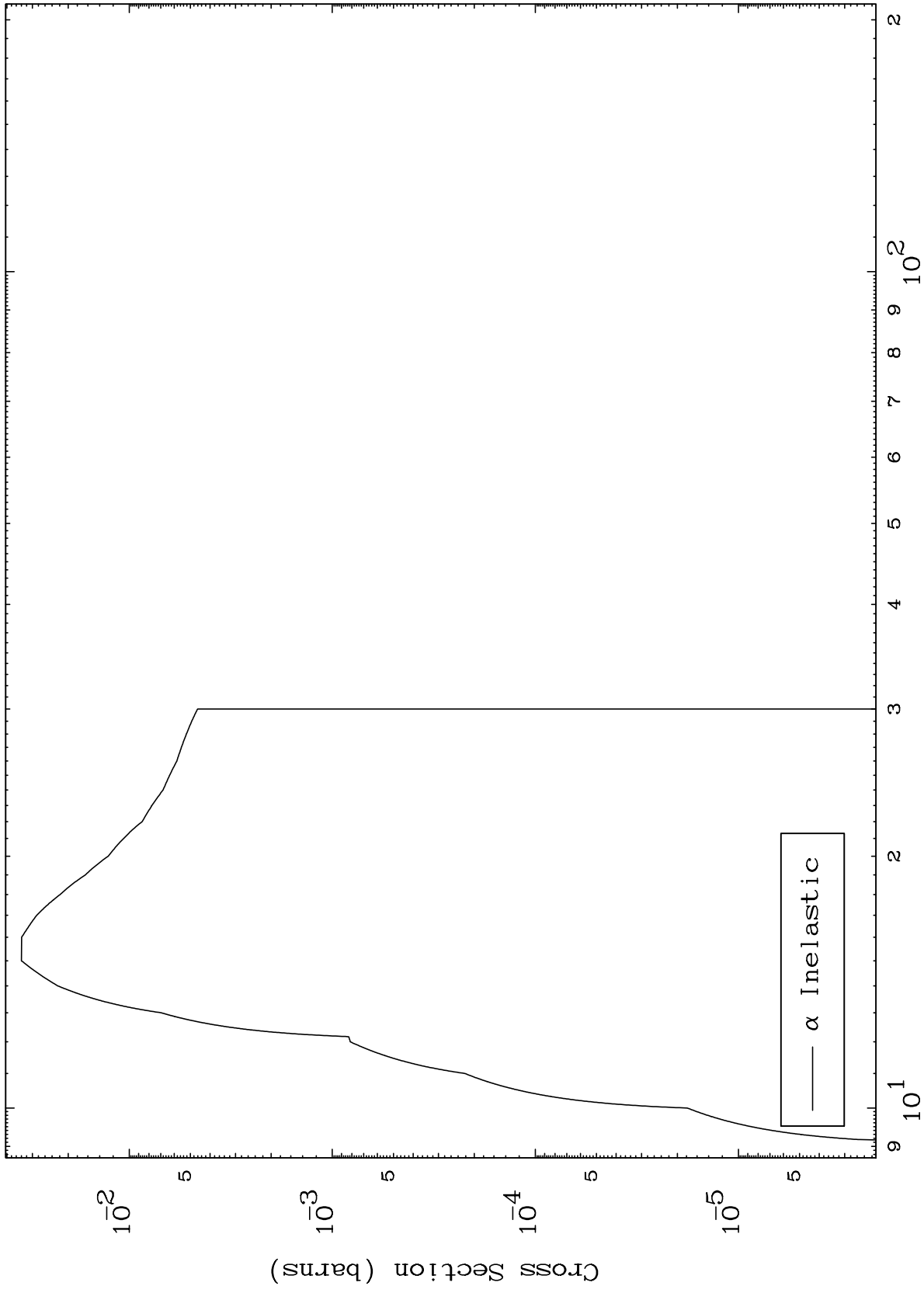
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, n') Level
0 Kelvin Cross Sections

43-Tc-91



5

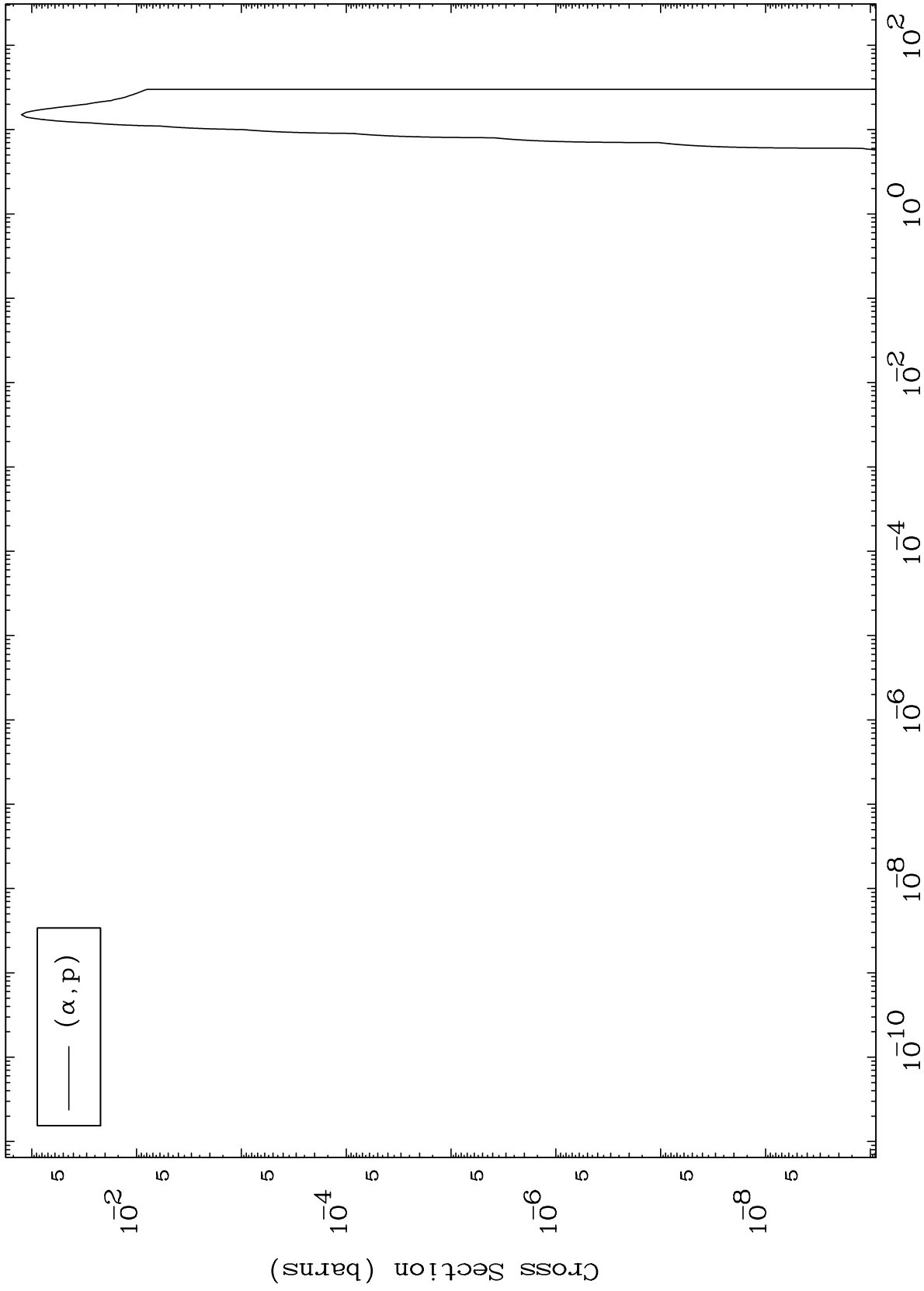
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-91



6

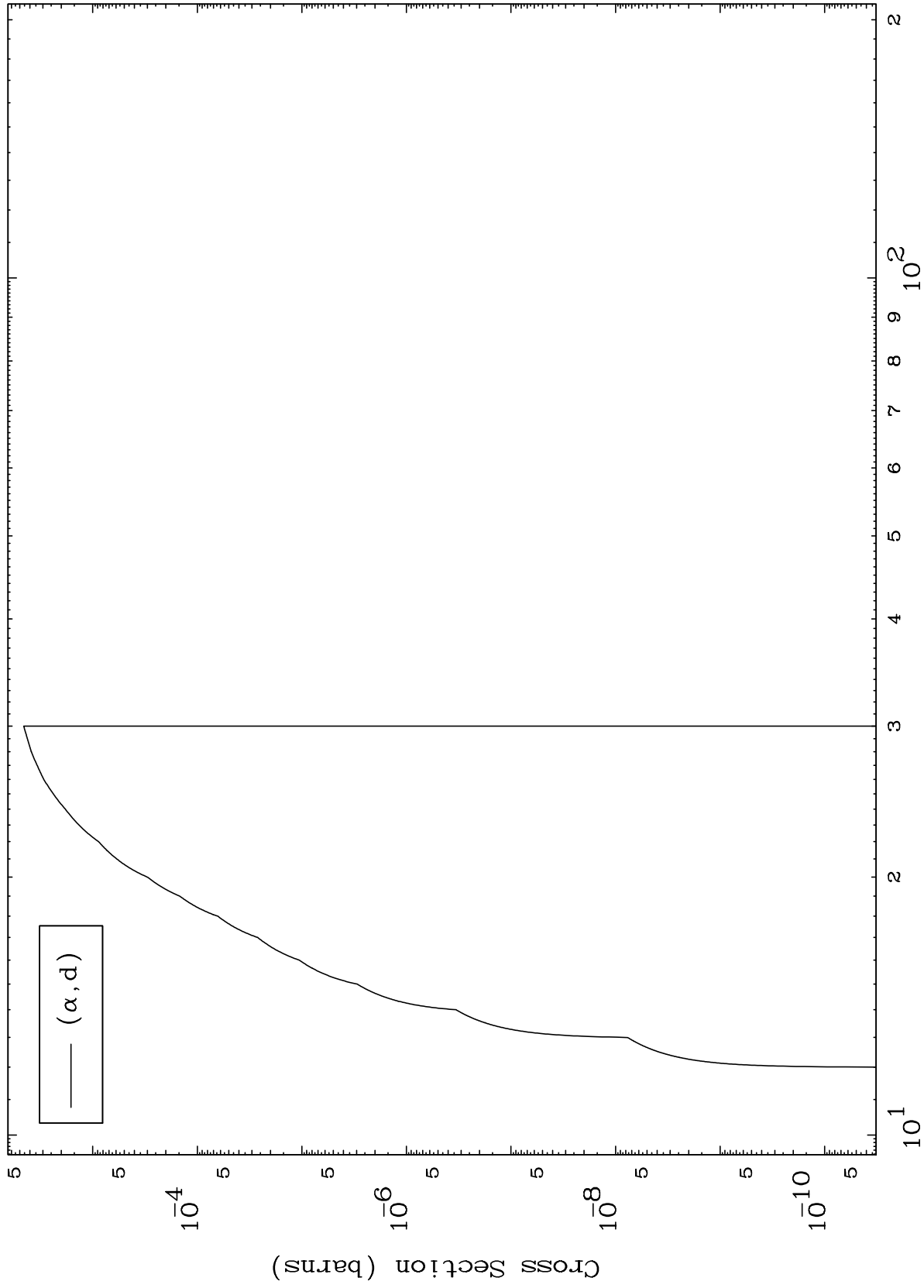
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, d) Levels
0 Kelvin Cross Sections

43-Tc-91



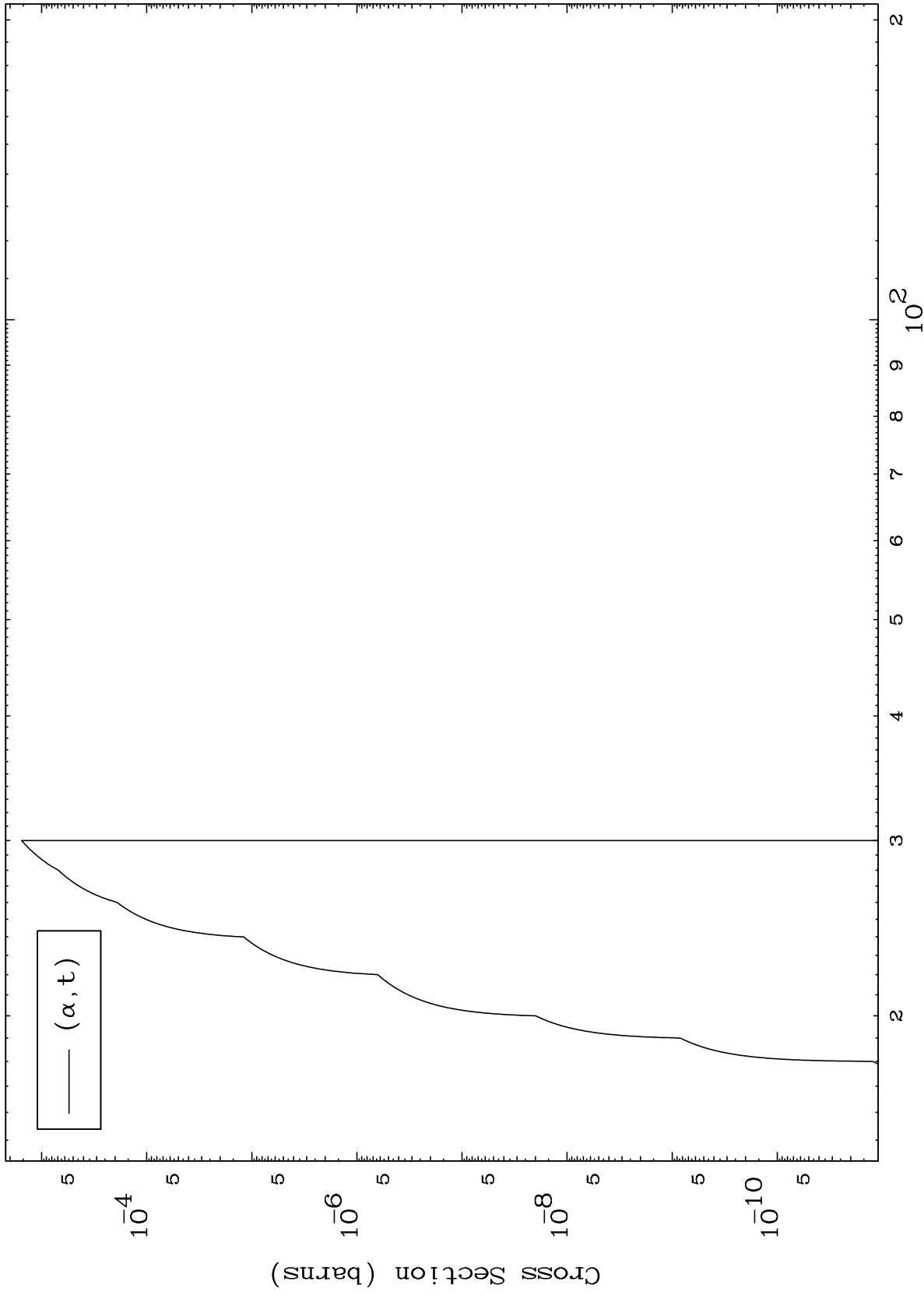
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, t) Levels
0 Kelvin Cross Sections

43-Tc-91



8

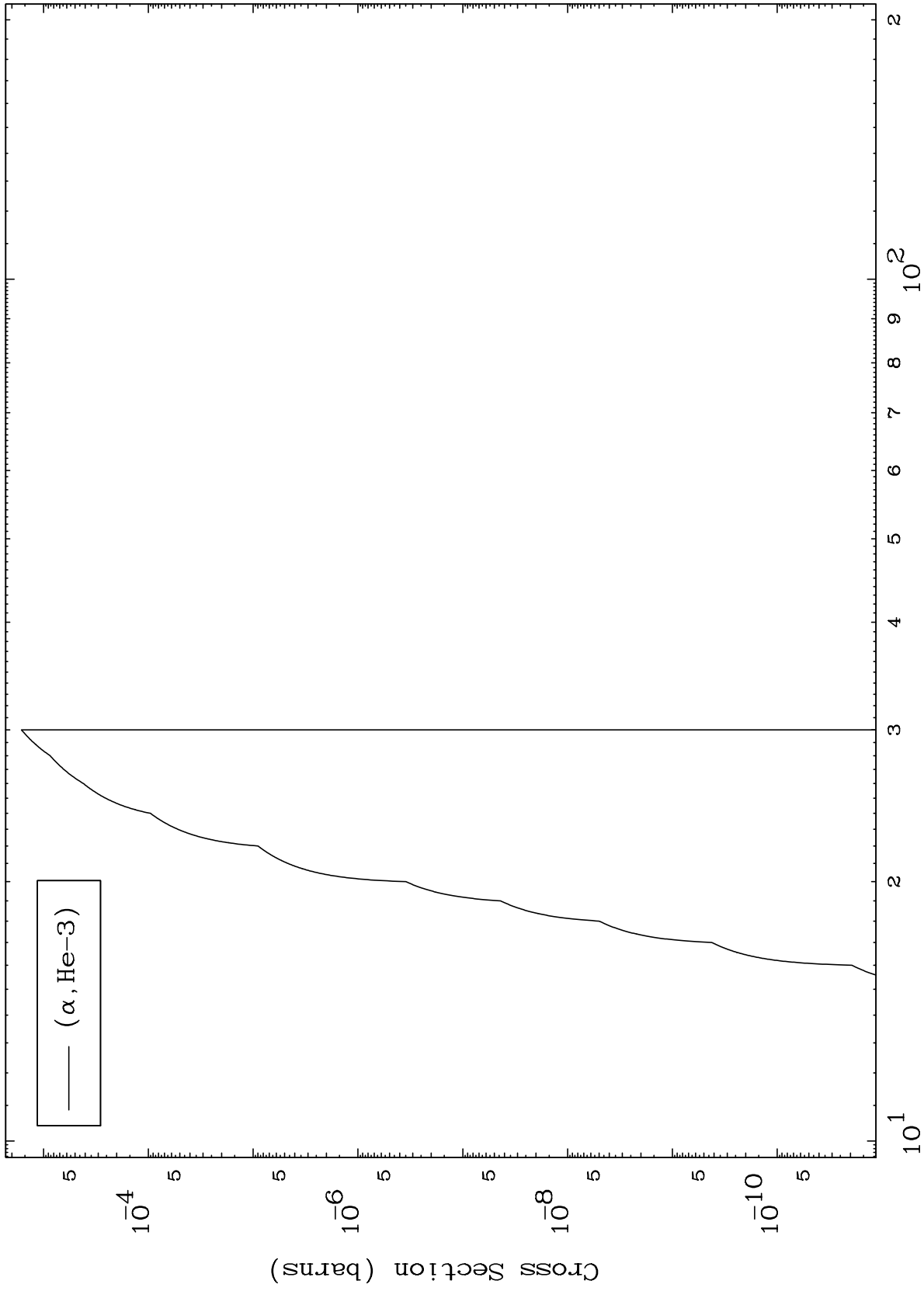
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α ,He3) Levels
0 Kelvin Cross Sections

43-Tc-91



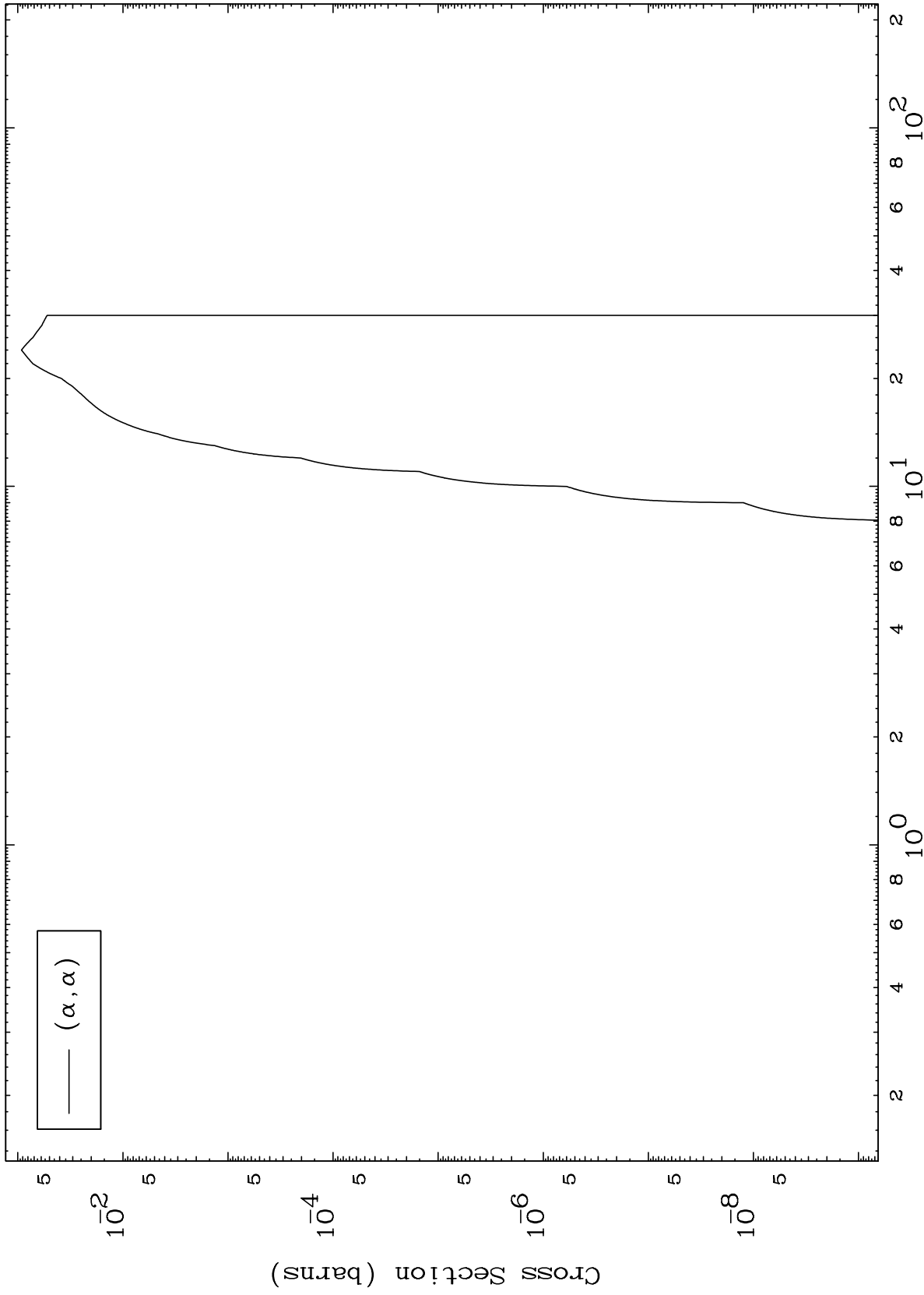
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, α) Levels
0 Kelvin Cross Sections

43-Tc-91



10

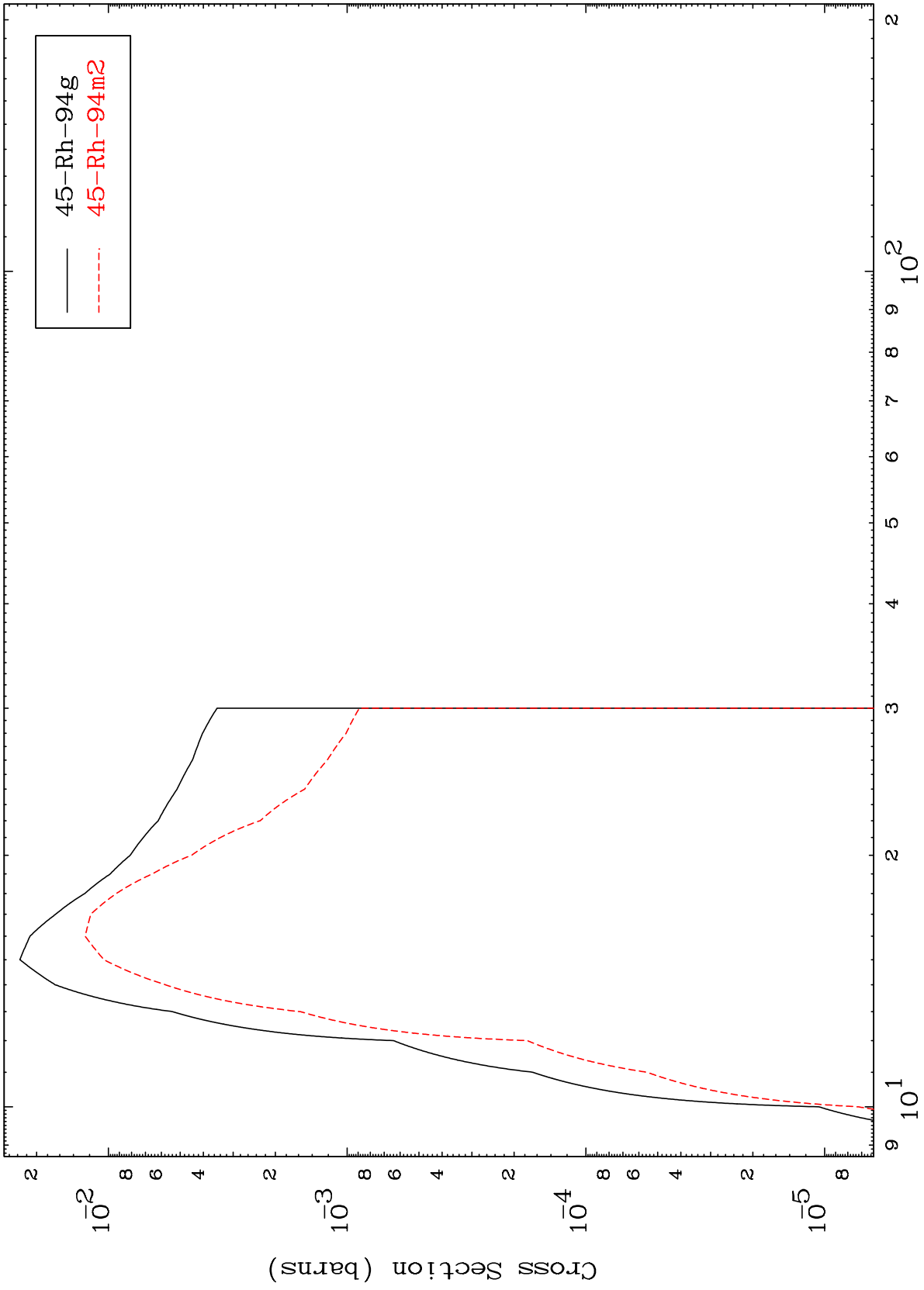
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

Radionuclide Production Cross Section
 α Inelastic



11

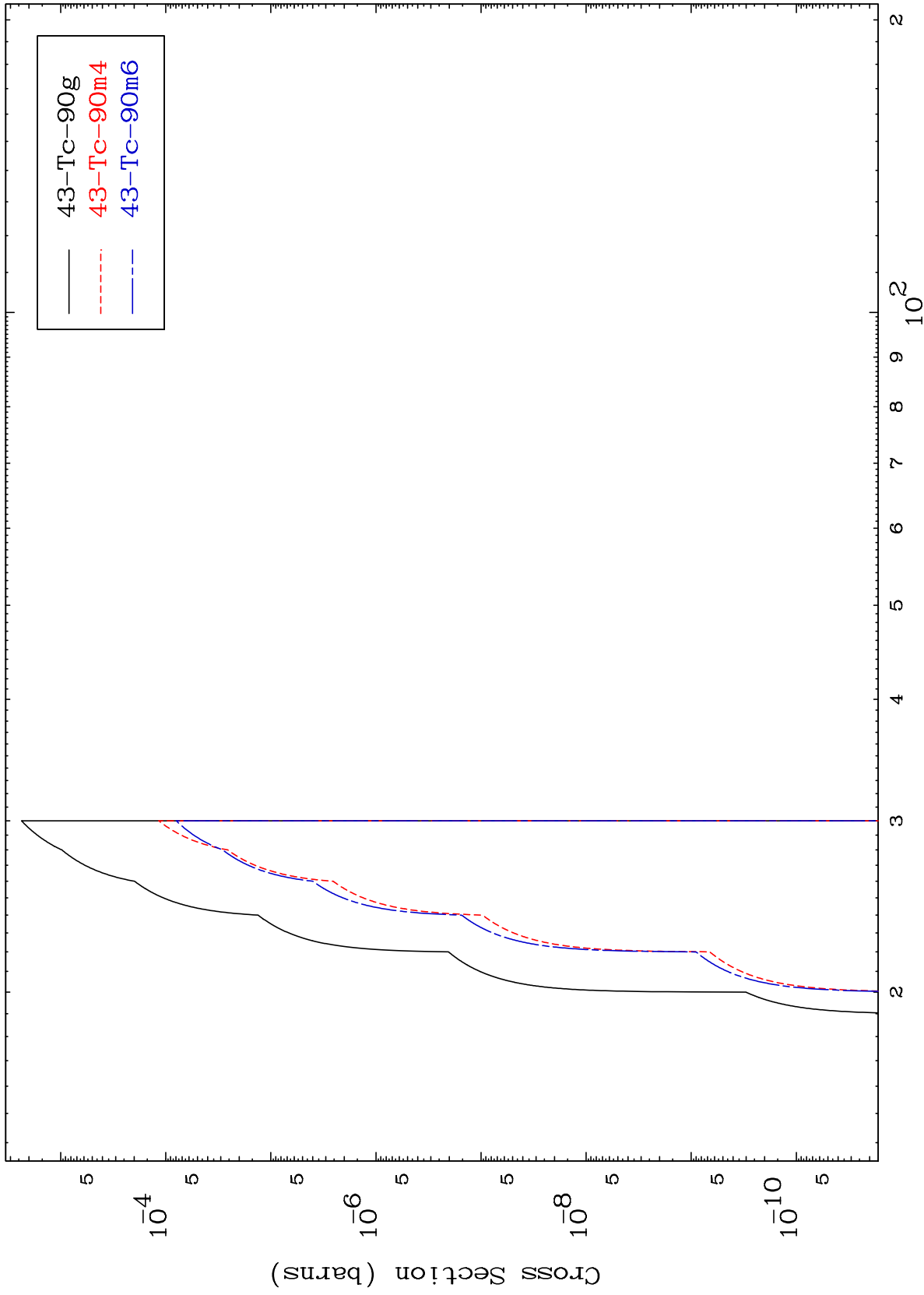
43-Tc-91

MAT 4301

(α, n') α

$^{43}\text{Tc-91}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

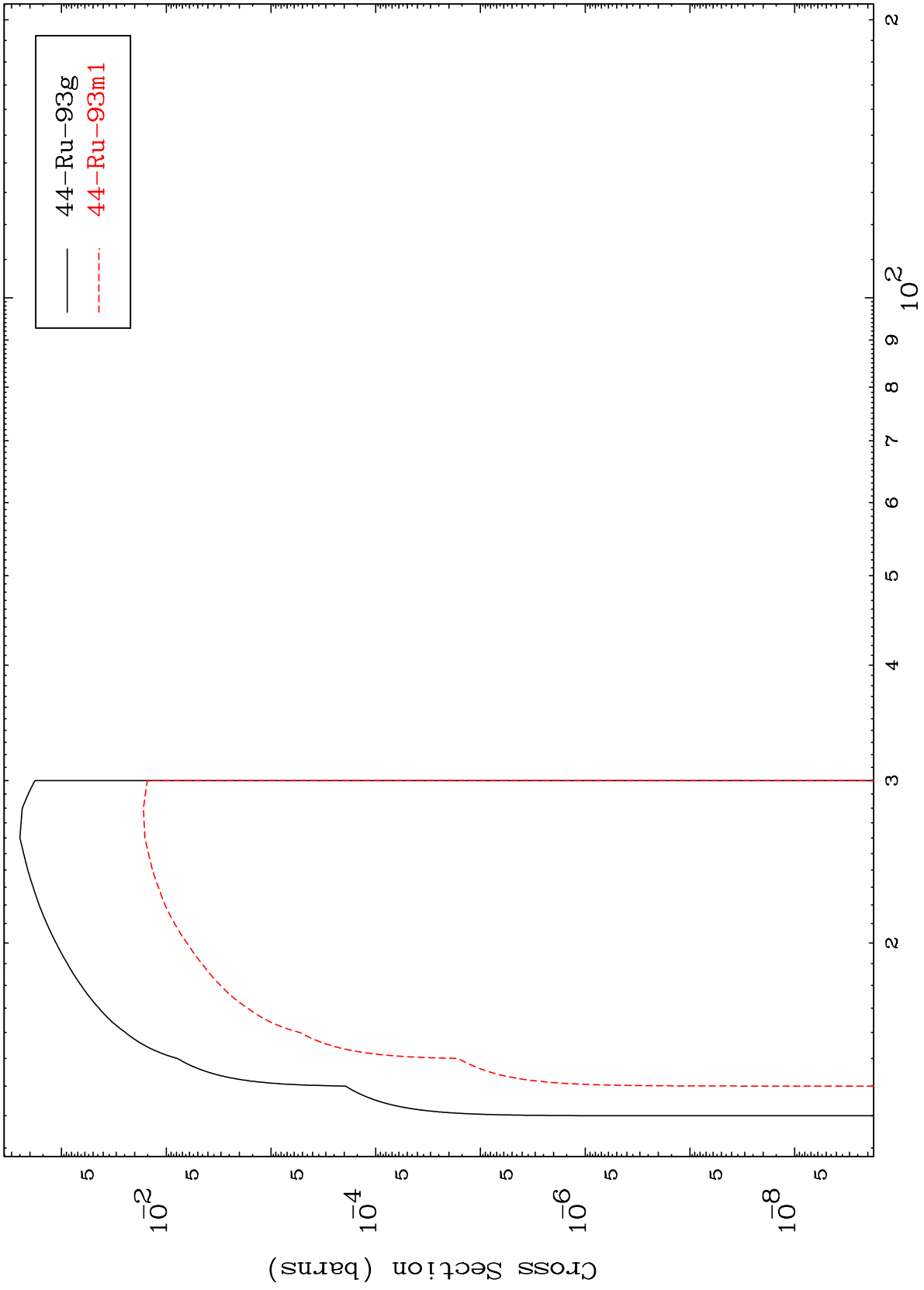
$^{43}\text{Tc-91}$

MAT 4301

(α, n') p

43-Tc-91

Radionuclide Production Cross Section



13

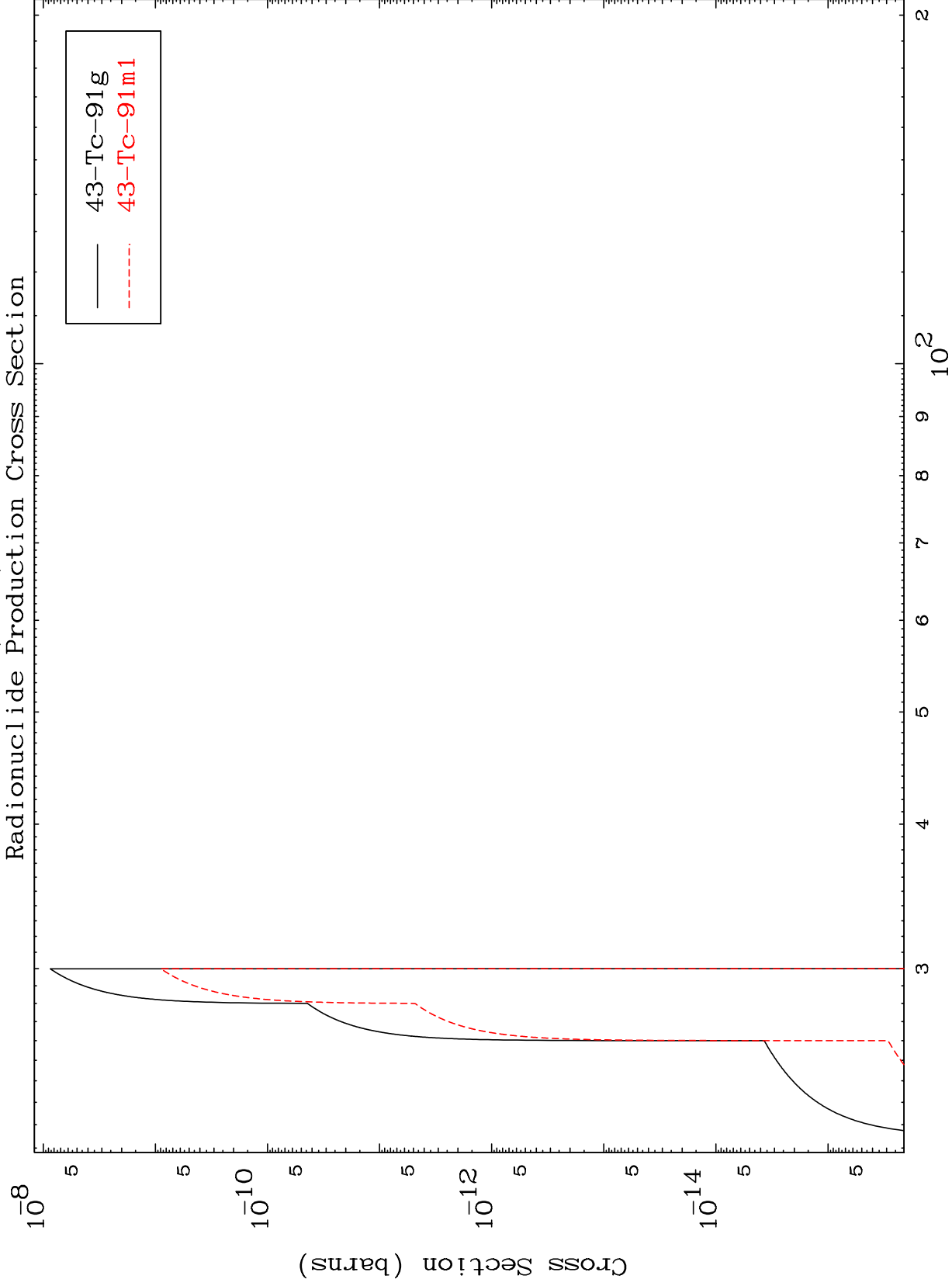
Incident Energy (MeV)

43-Tc-91

MAT 4301

(α, n') He-3

43-Tc-91



14

Incident Energy (MeV)

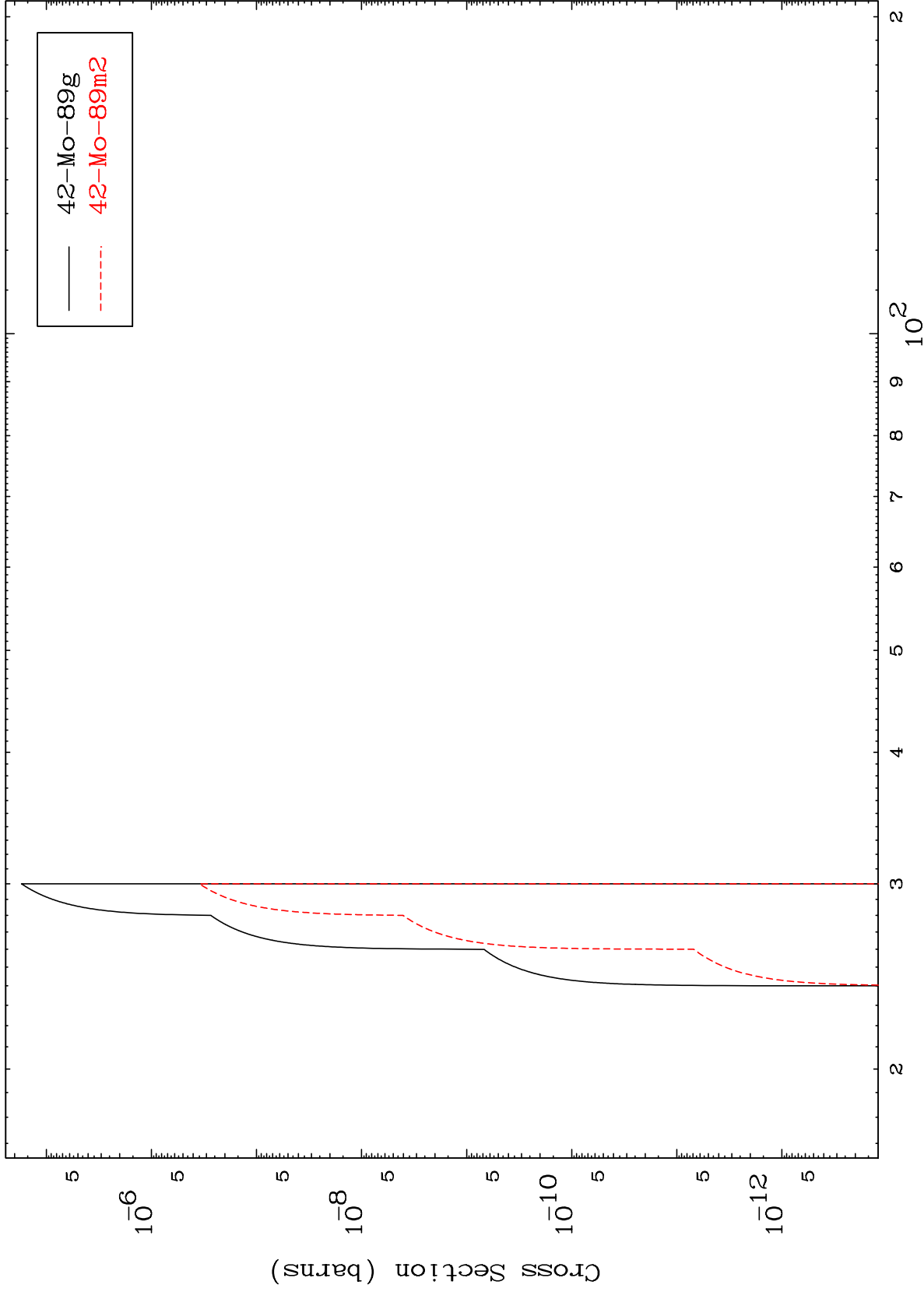
43-Tc-91

MAT 4301

(α, n') p α

43-Tc-91

Radionuclide Production Cross Section



15

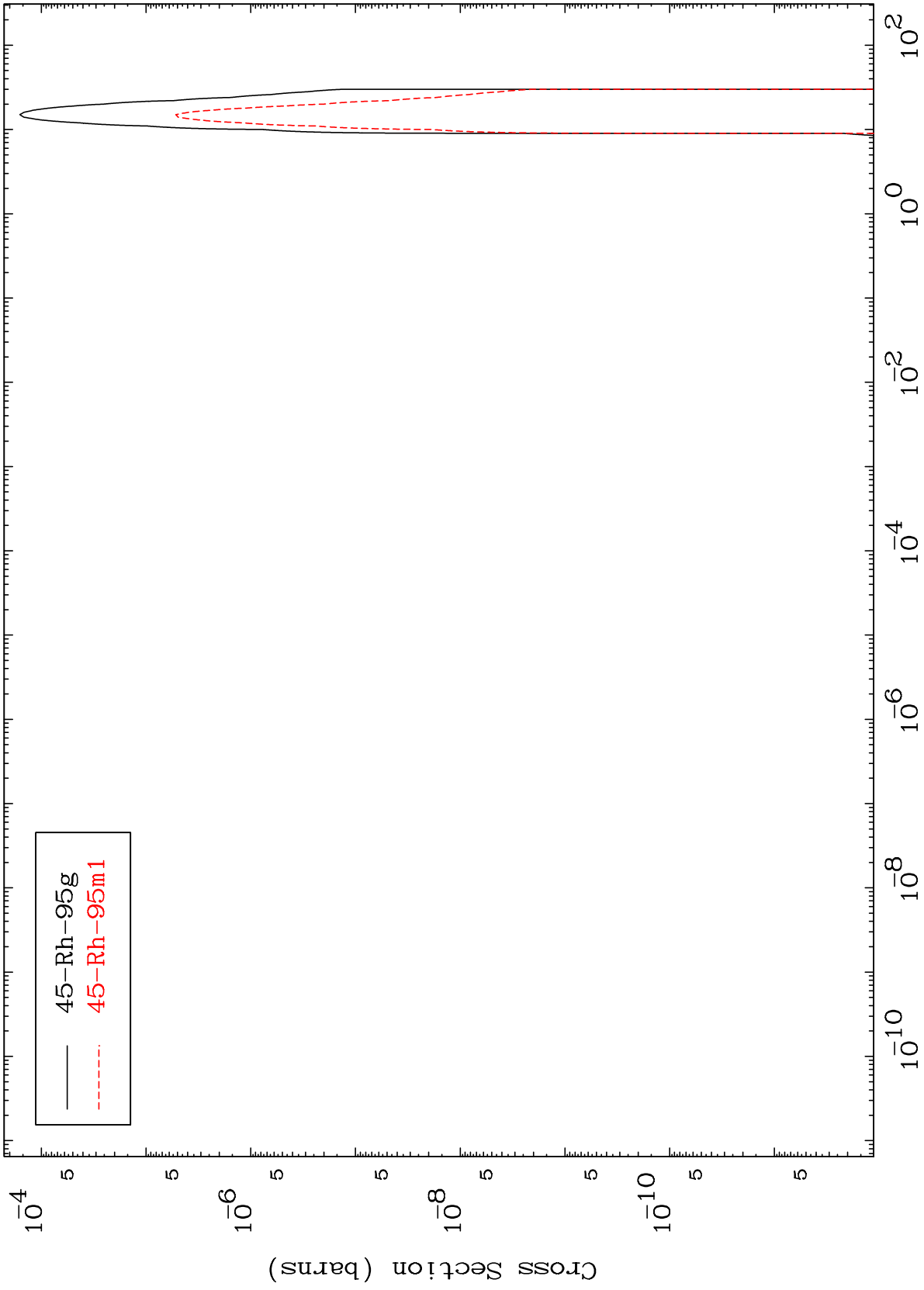
Incident Energy (MeV)

43-Tc-91

MAT 4301

Radionuclide Production Cross Section
(α, γ)

43-Tc-91



16

Incident Energy (MeV)

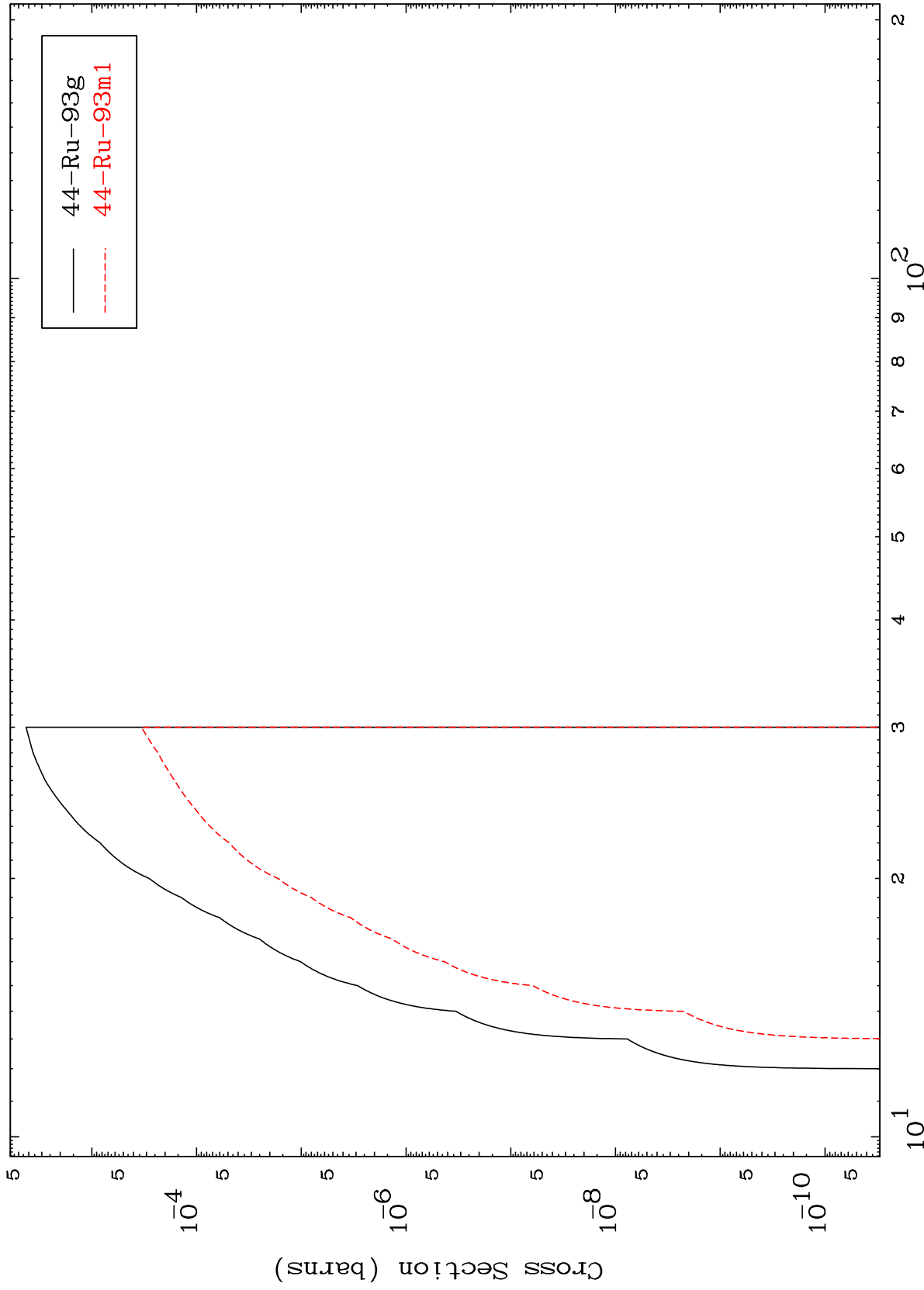
43-Tc-91

MAT 4301

(α, d)

43-Tc-91

Radionuclide Production Cross Section



Incident Energy (MeV)

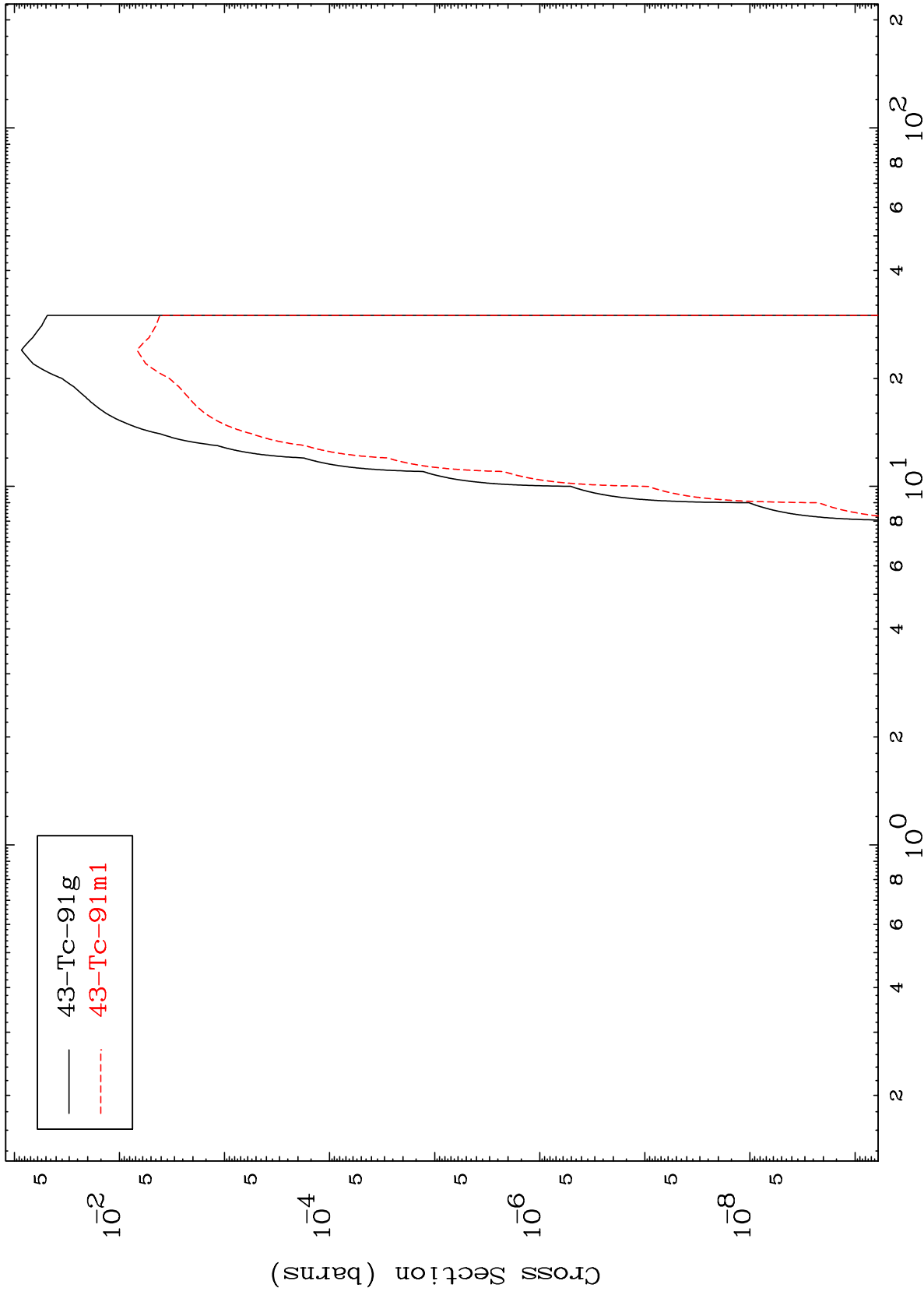
43-Tc-91

MAT 4301

(α, α)

43-Tc-91

Radionuclide Production Cross Section



18

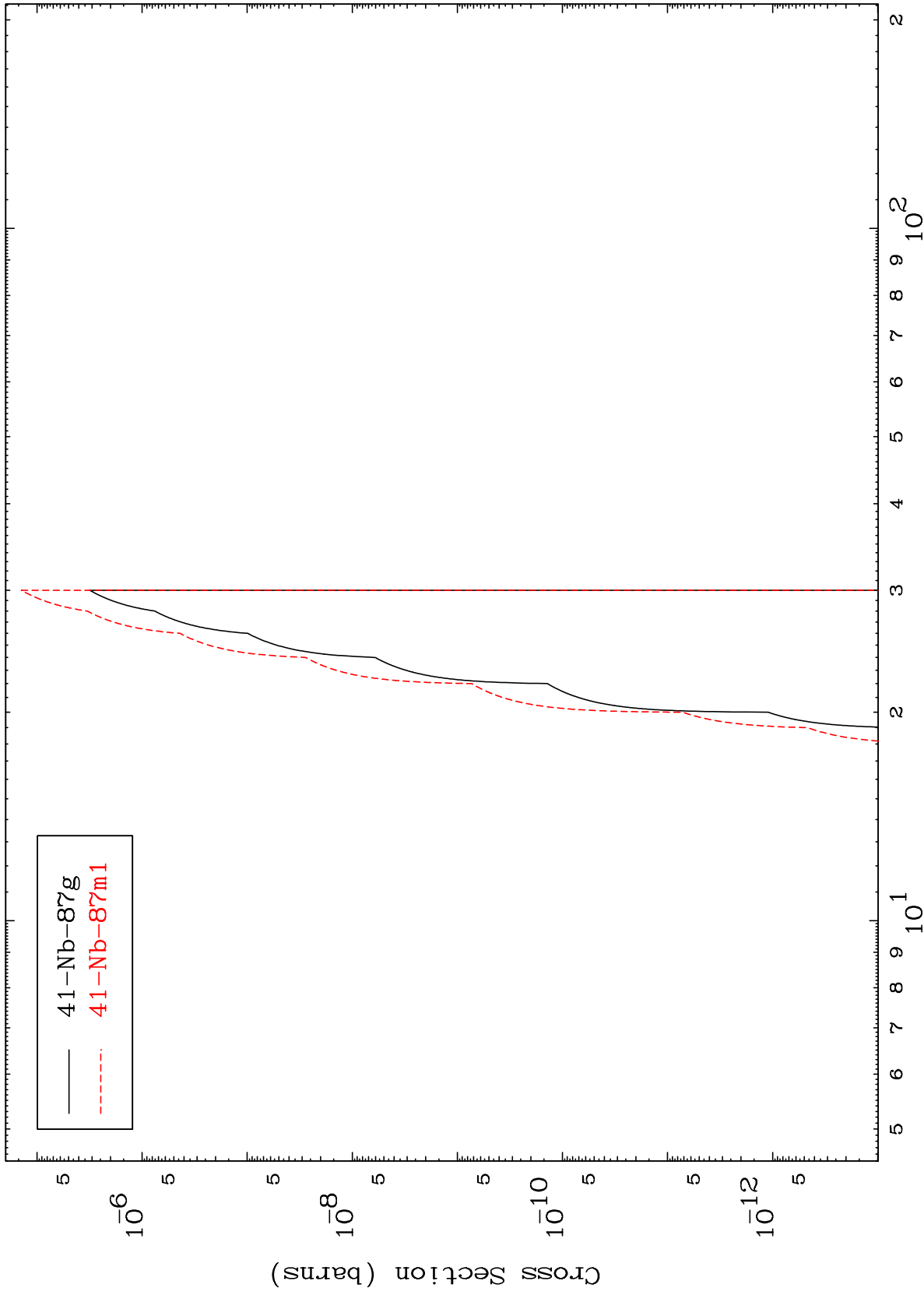
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

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



19

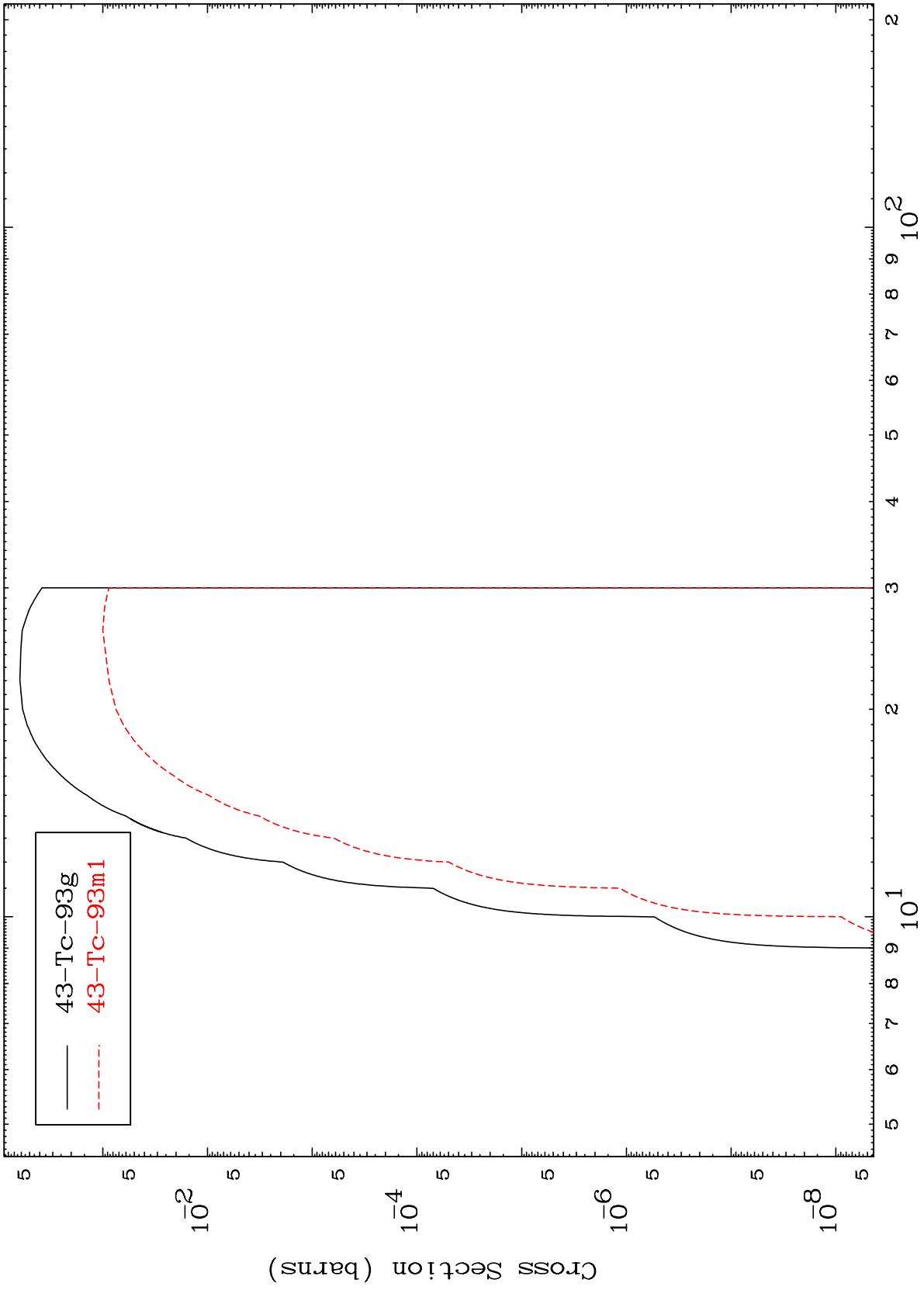
Incident Energy (MeV)

43-Tc-91

MAT 4301

43-Tc-91

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



20

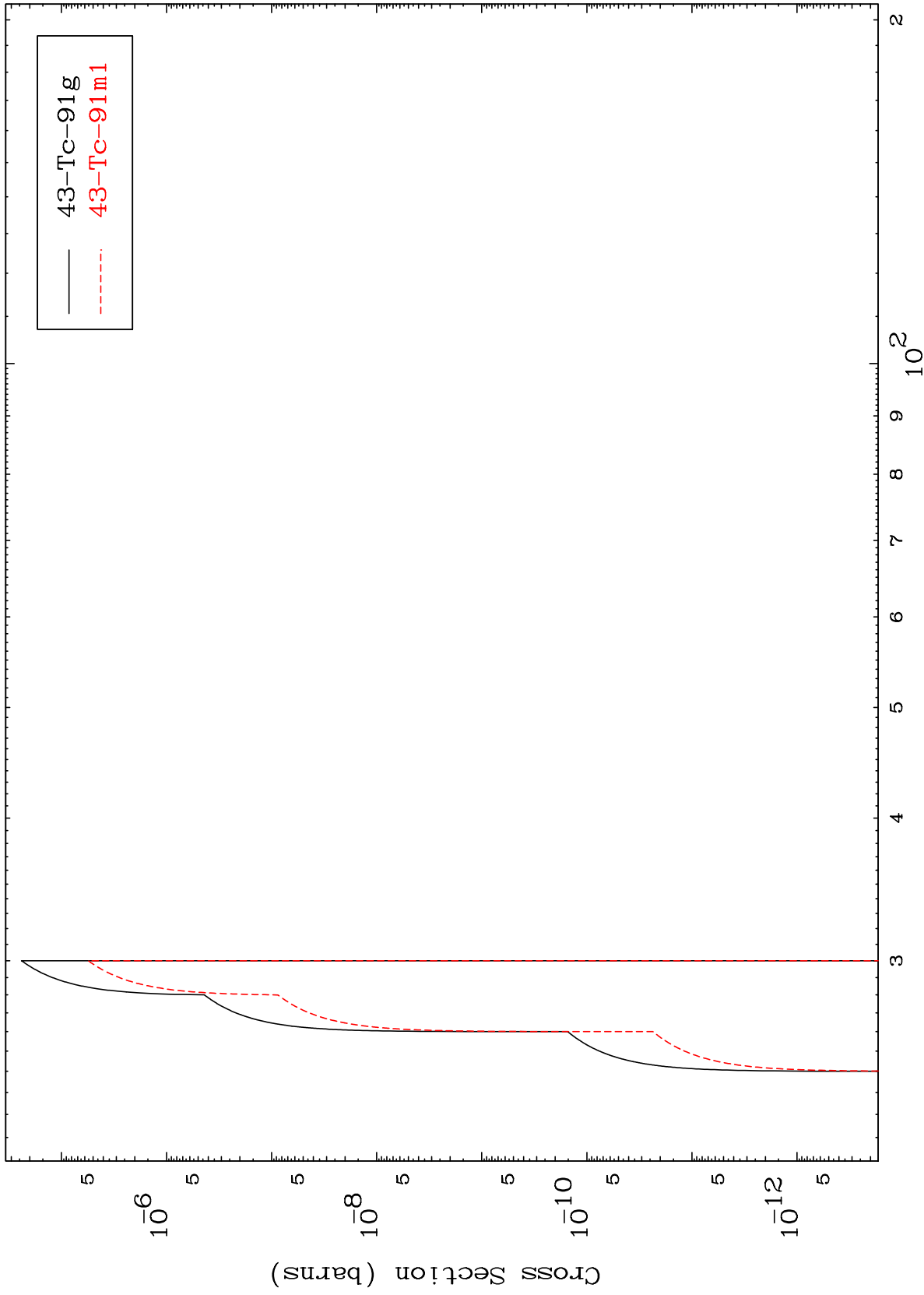
43-Tc-91

MAT 4301

(α, p) t

43-Tc-91

Radionuclide Production Cross Section



21

Incident Energy (MeV)

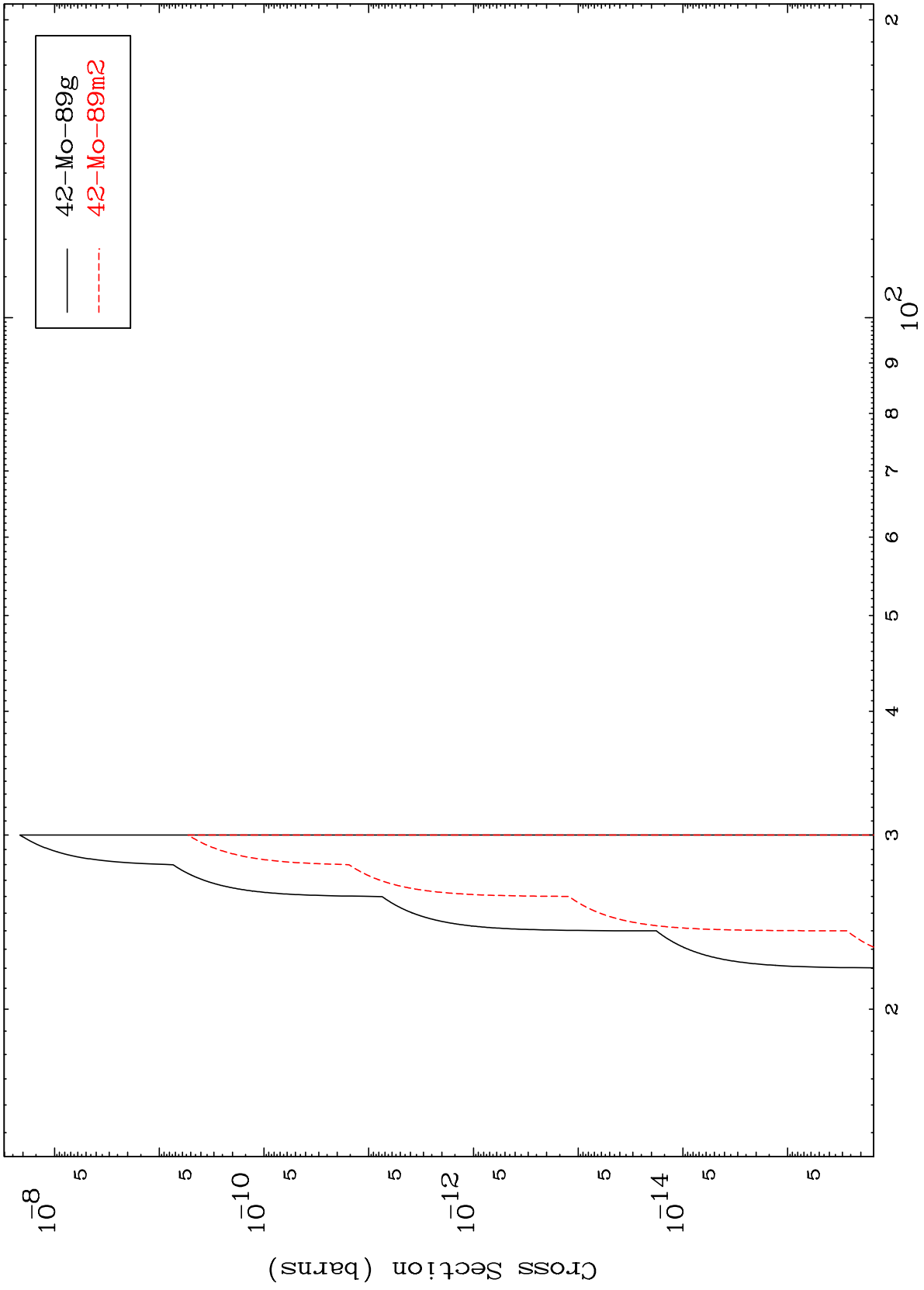
43-Tc-91

MAT 4301

(α, d) α

43-Tc-91

Radionuclide Production Cross Section



22

Incident Energy (MeV)

43-Tc-91