

Program EVALPLOT
(Version 2021-1)

by

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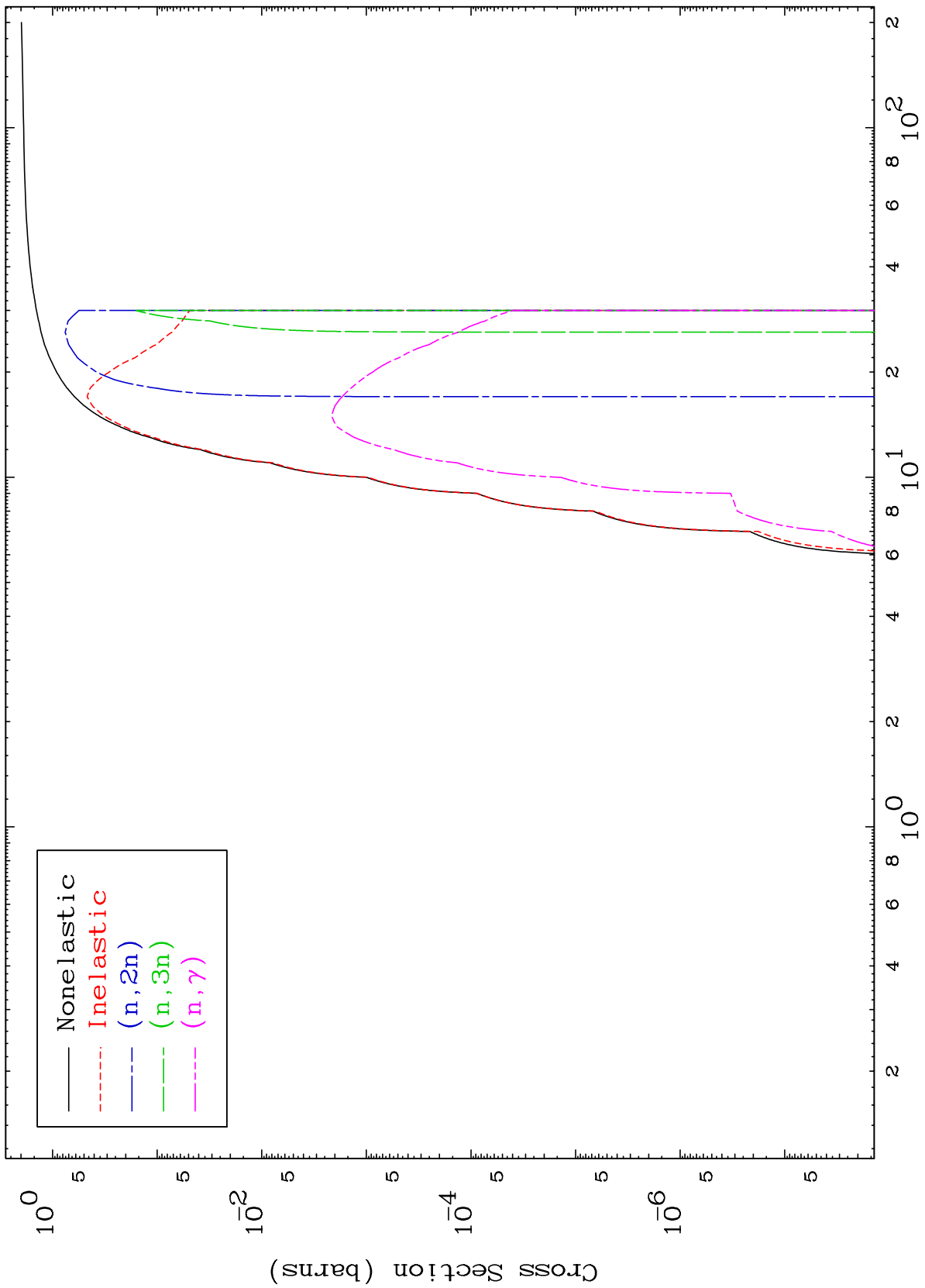
Press Mouse Button to Start

MAT 4317

0 Kelvin

α Major Cross Sections

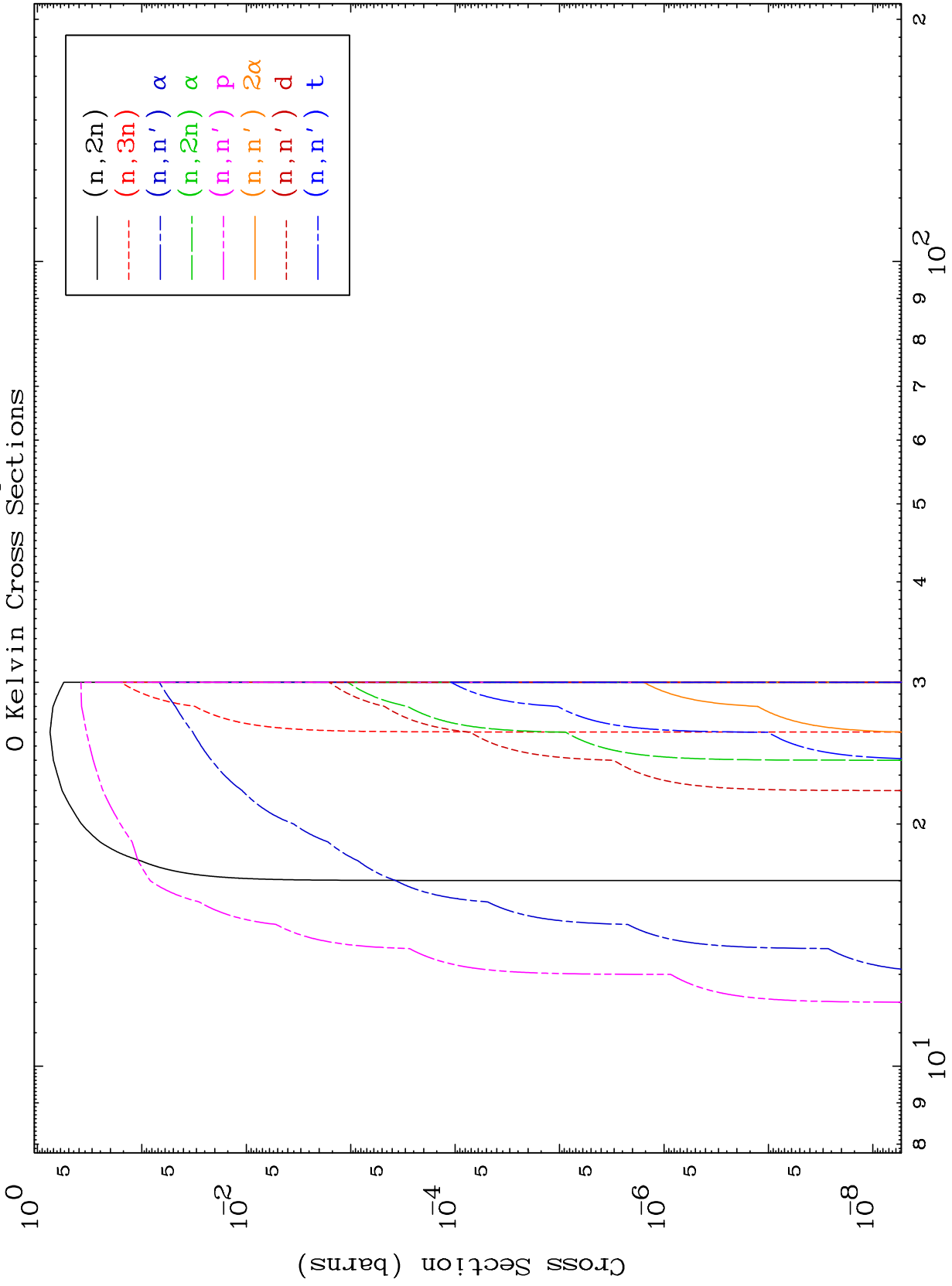
43-Tc-96m



MAT 4317

α Neutron Absorption
0 Kelvin Cross Sections

43-Tc-96m



2

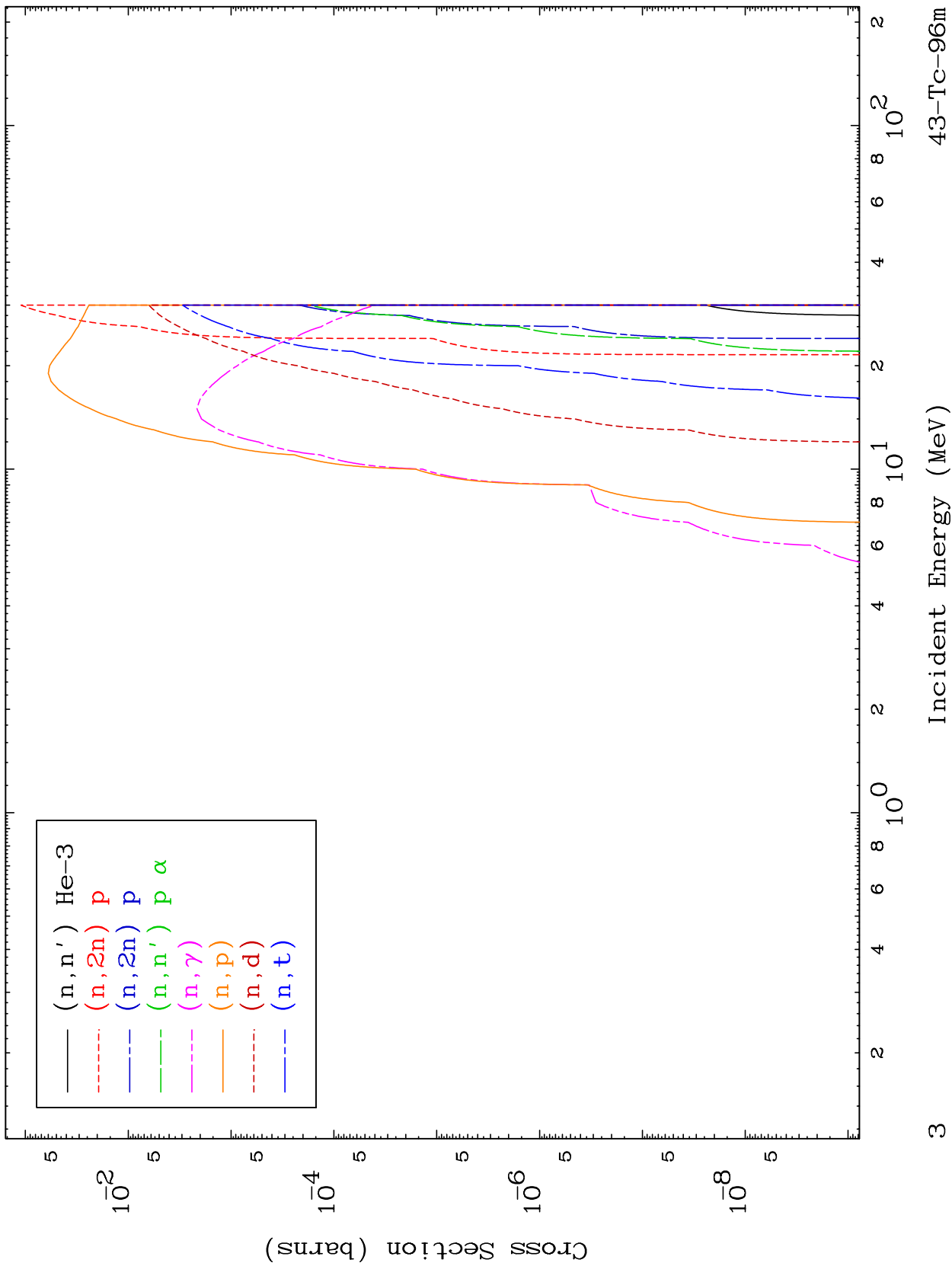
Incident Energy (MeV)

43-Tc-96m

MAT 4317

α Neutron Absorption
0 Kelvin Cross Sections

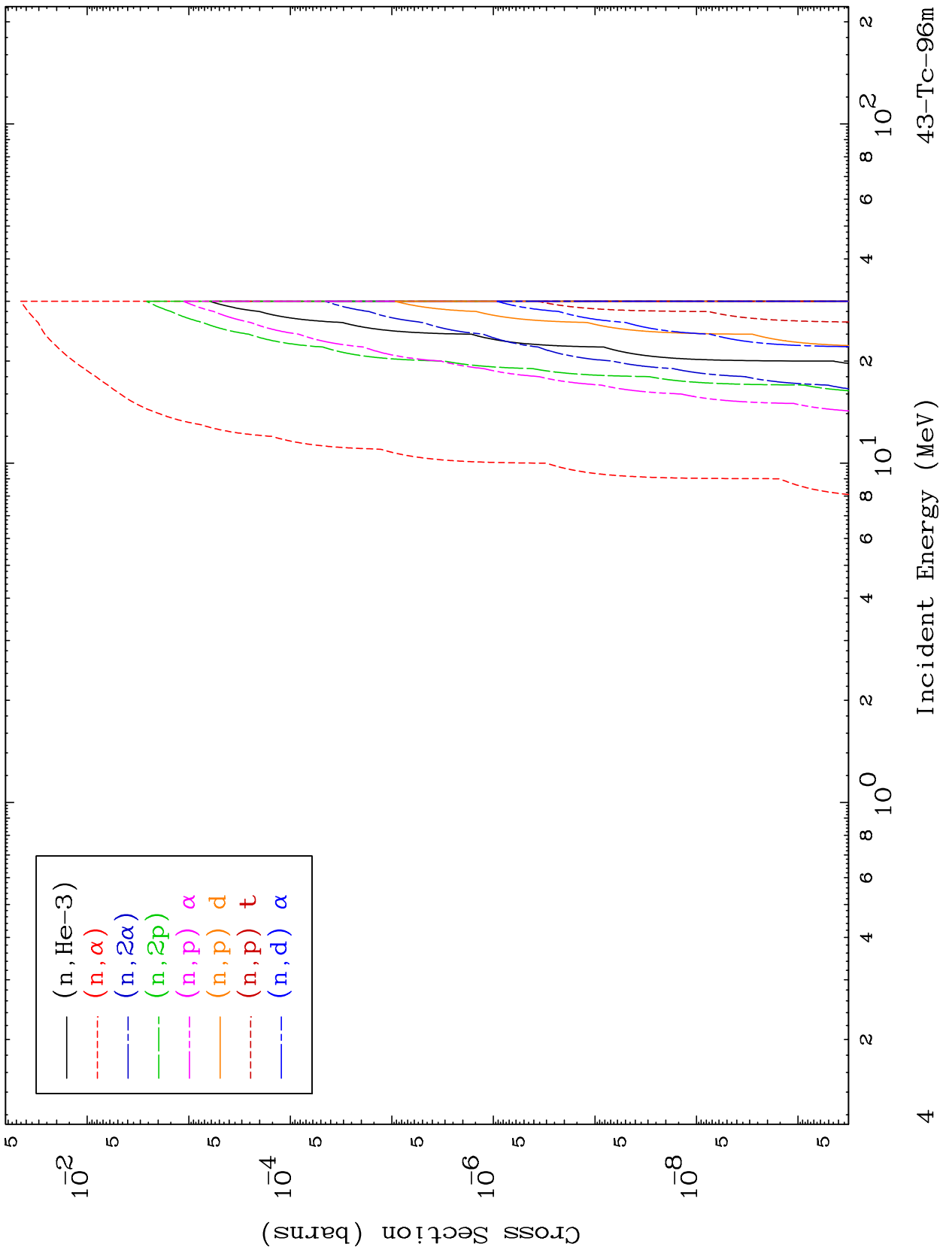
43-Tc-96m



MAT 4317

α Neutron Absorption
0 Kelvin Cross Sections

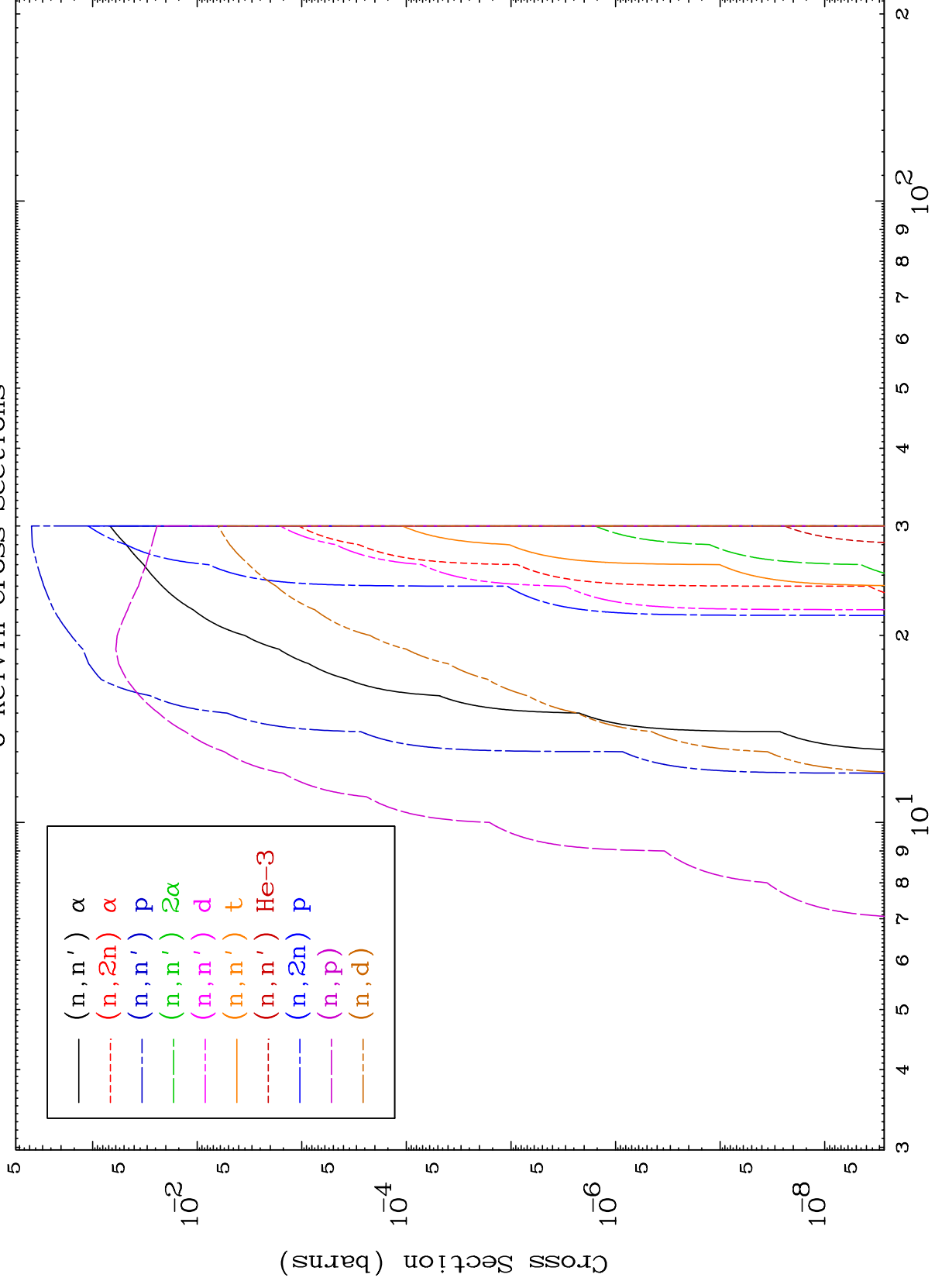
43-Tc-96m



MAT 4317

α Charged Particle
0 Kelvin Cross Sections

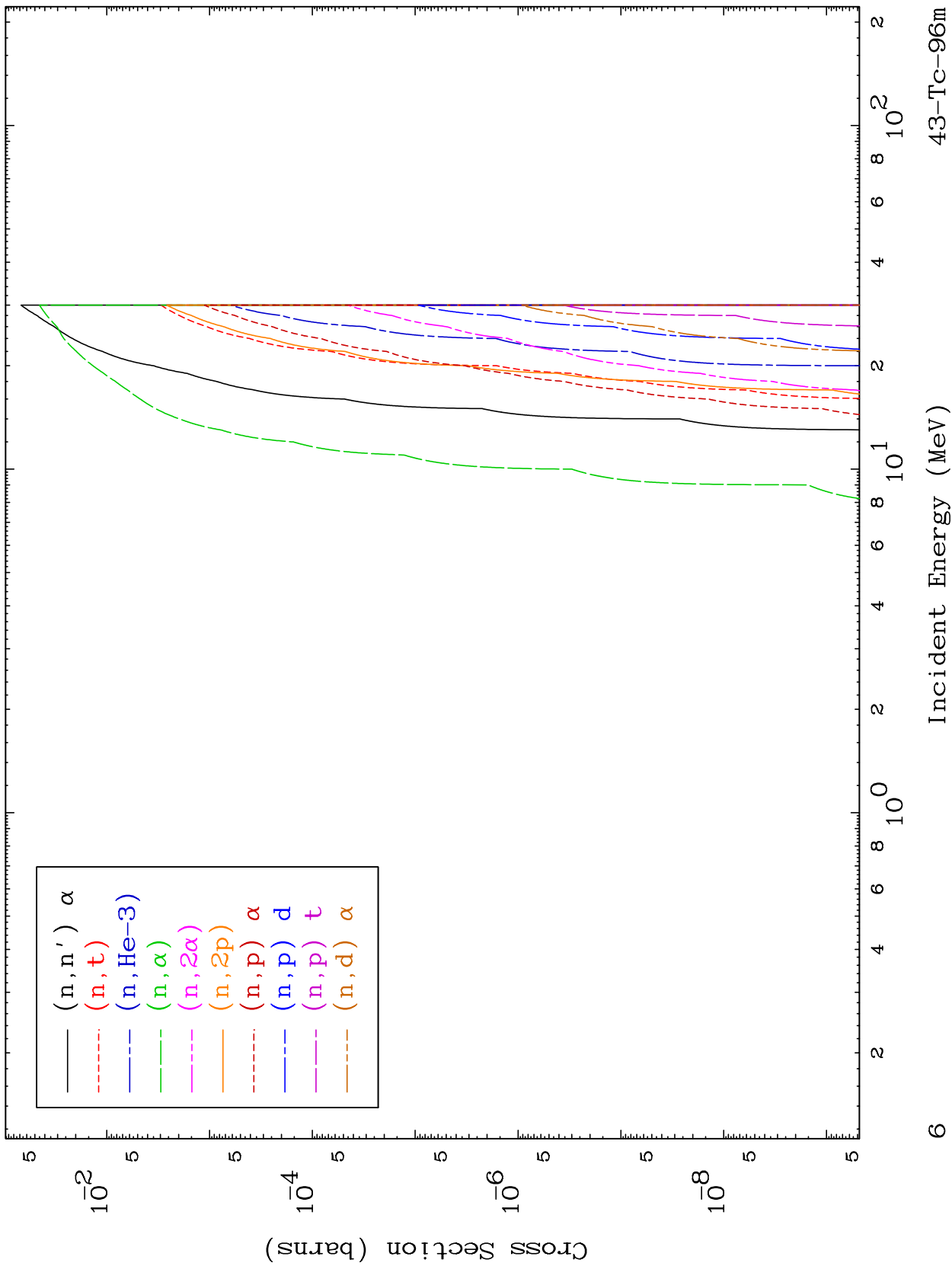
$^{43}\text{Tc-96m}$



MAT 4317

α Charged Particle
0 Kelvin Cross Sections

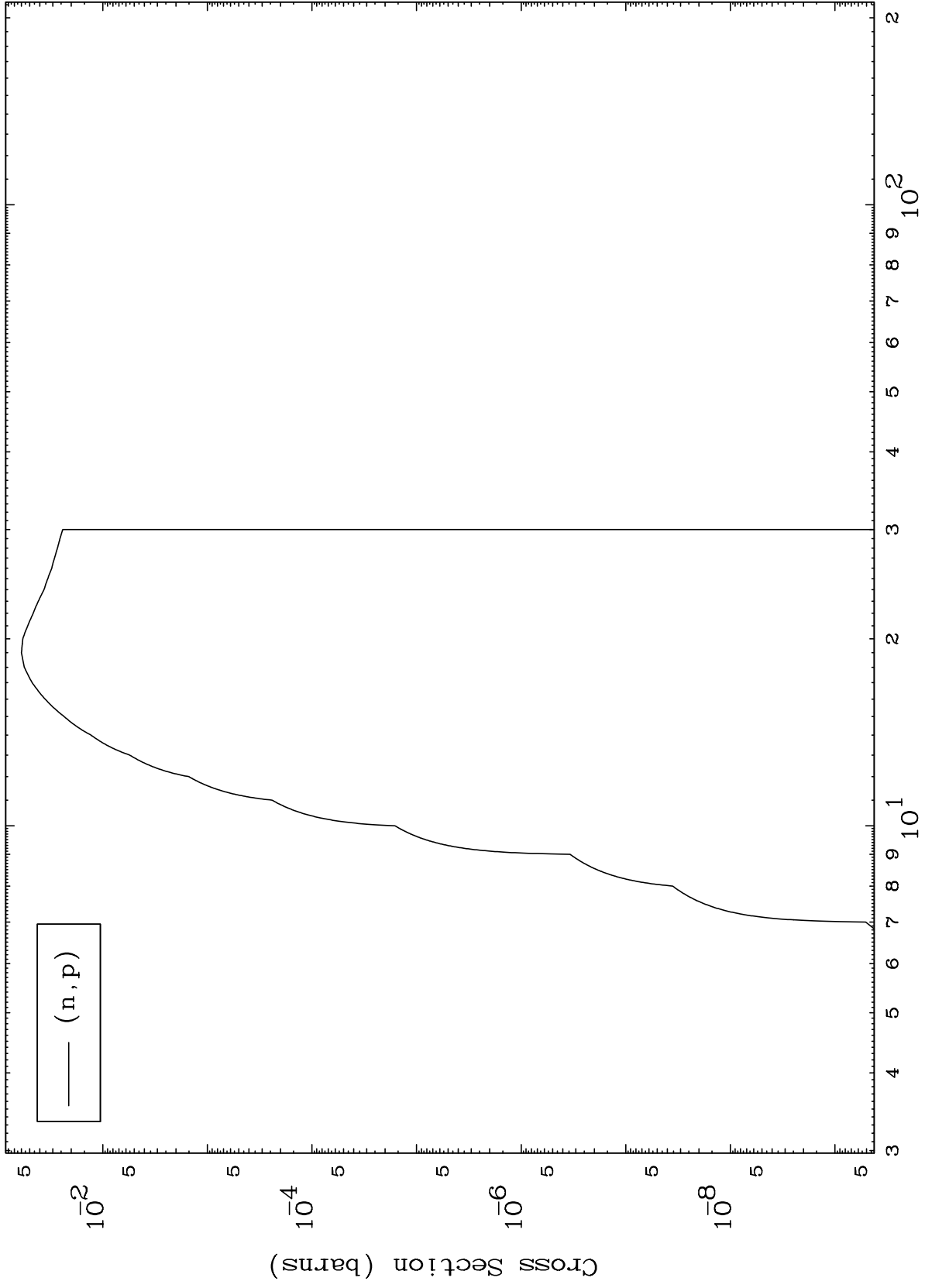
43-Tc-96m



MAT 4317

(α, p) Levels
0 Kelvin Cross Sections

43-Tc-96m



7

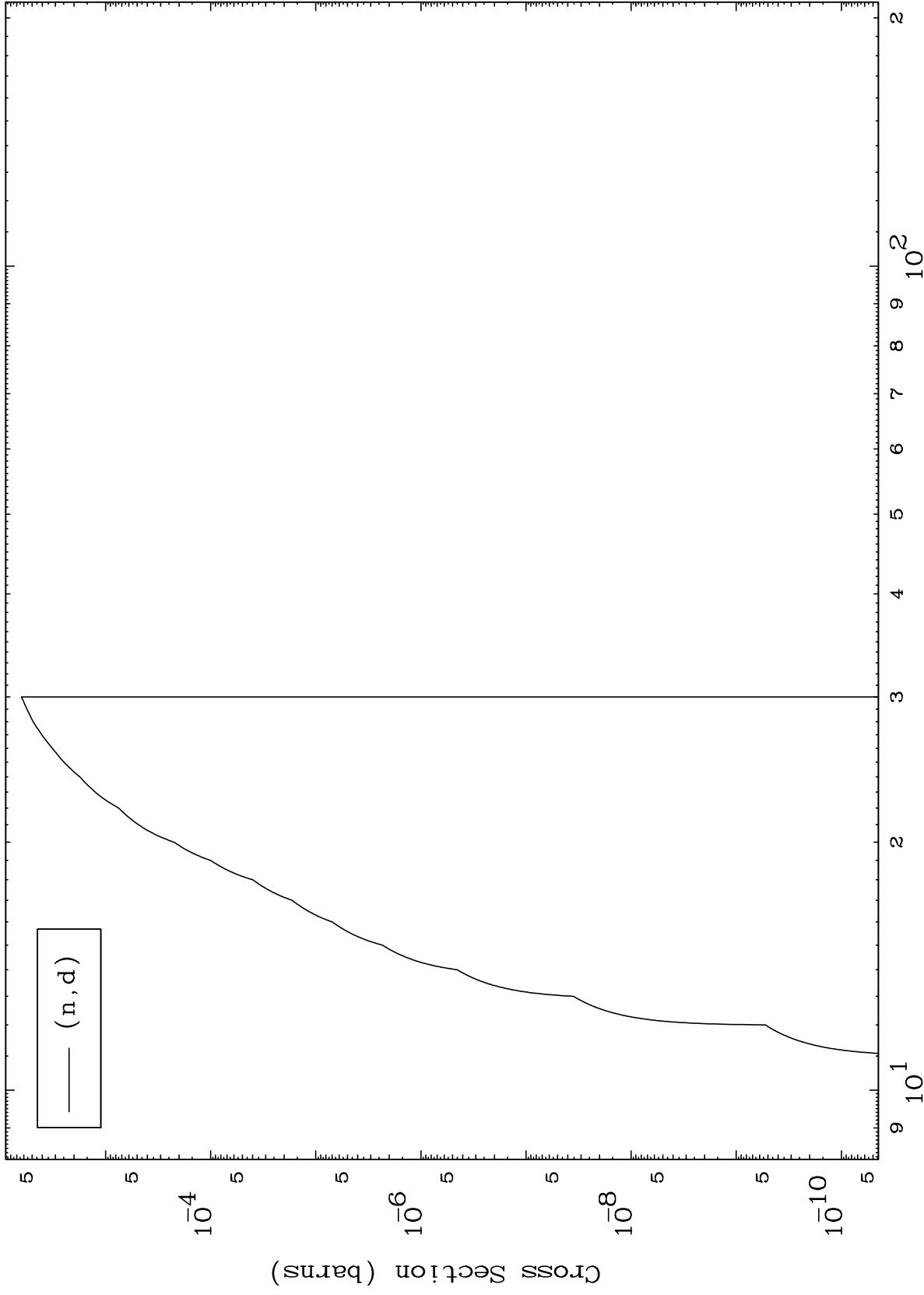
Incident Energy (MeV)

43-Tc-96m

MAT 4317

(α, d) Levels
0 Kelvin Cross Sections

$^{43}\text{Tc-96m}$



8

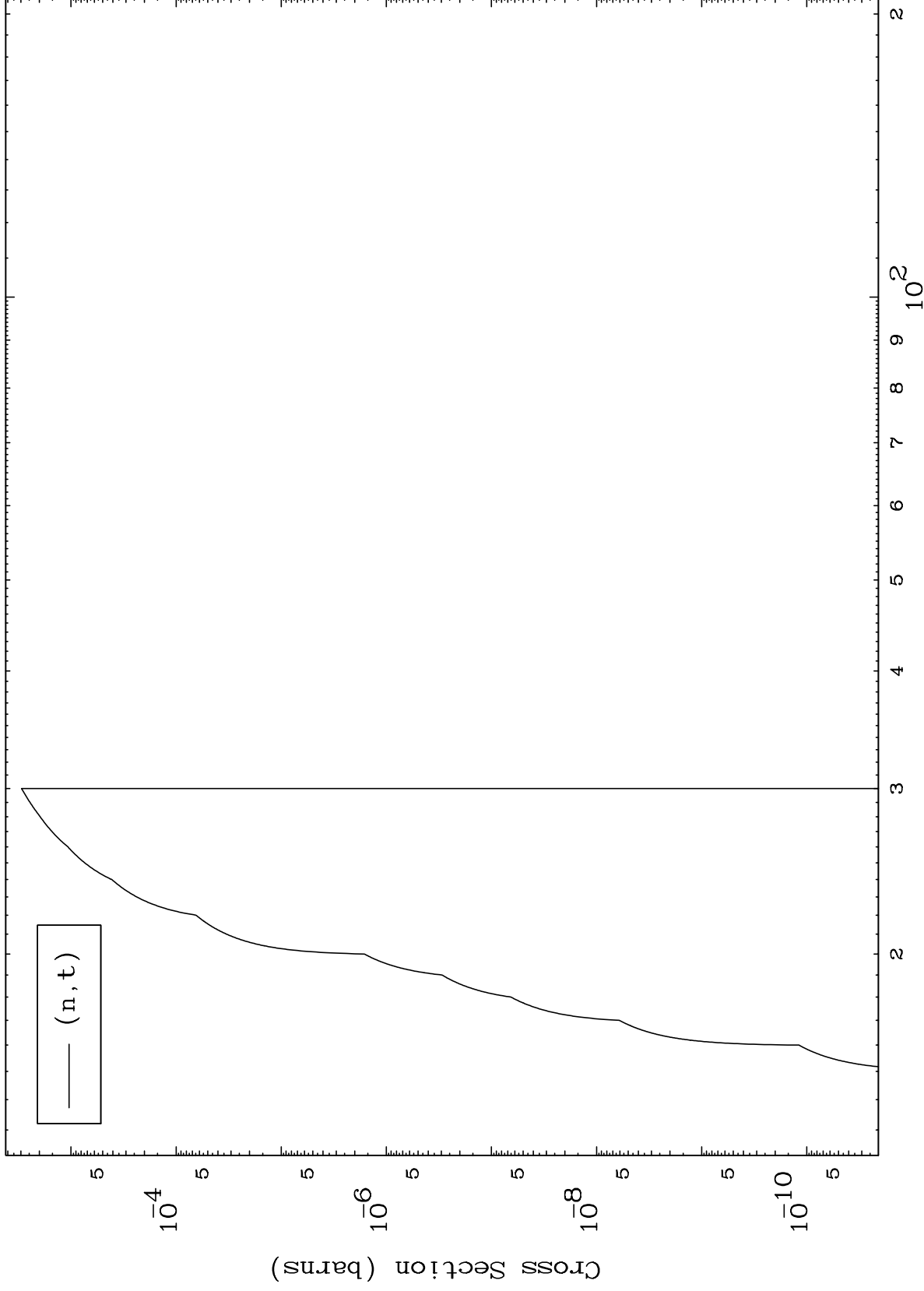
Incident Energy (MeV)

$^{43}\text{Tc-96m}$

MAT 4317

(α, t) Levels
0 Kelvin Cross Sections

$^{43}\text{Tc-96m}$



9

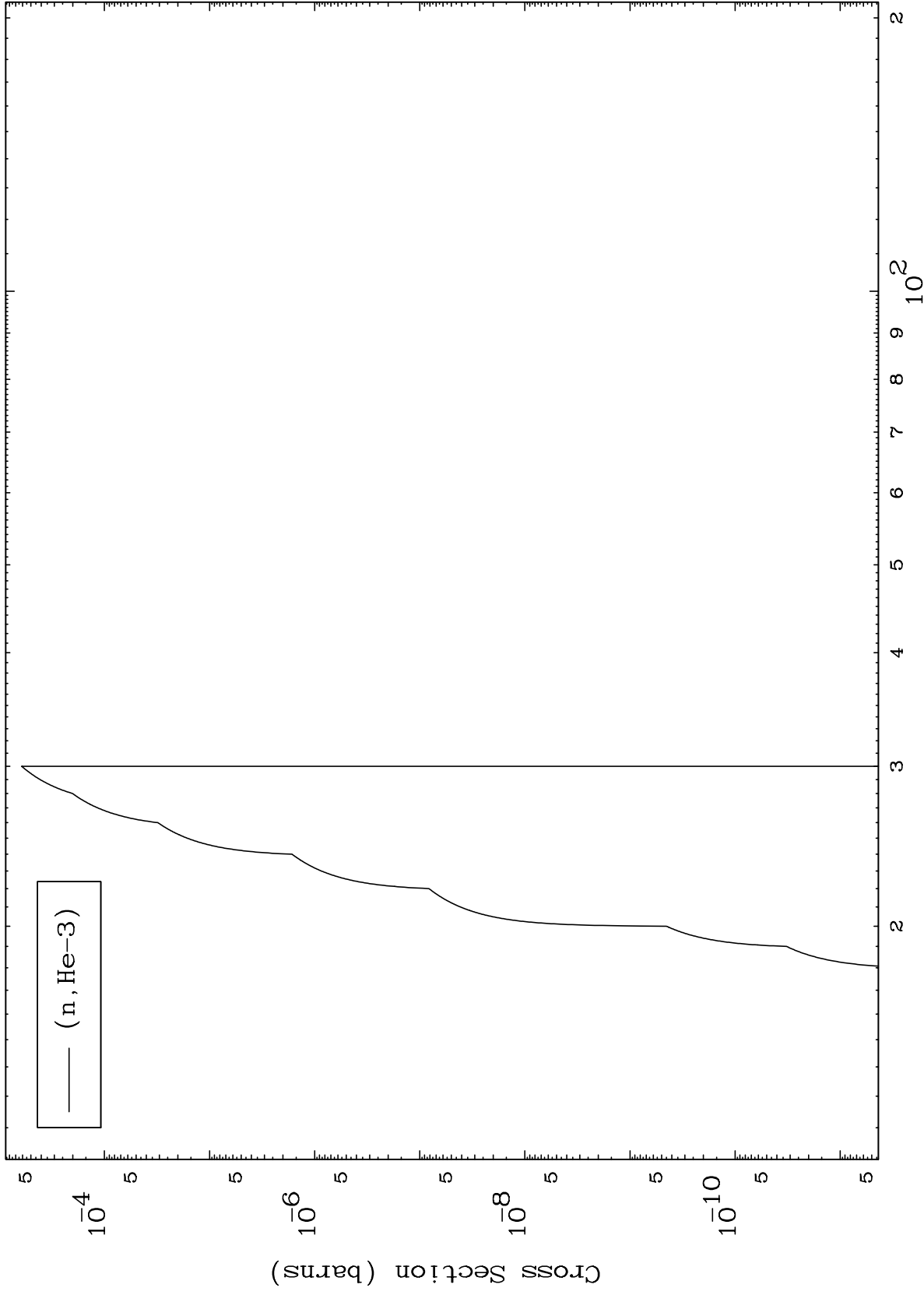
Incident Energy (MeV)

$^{43}\text{Tc-96m}$

MAT 4317

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

43-Tc-96m



10

Incident Energy (MeV)

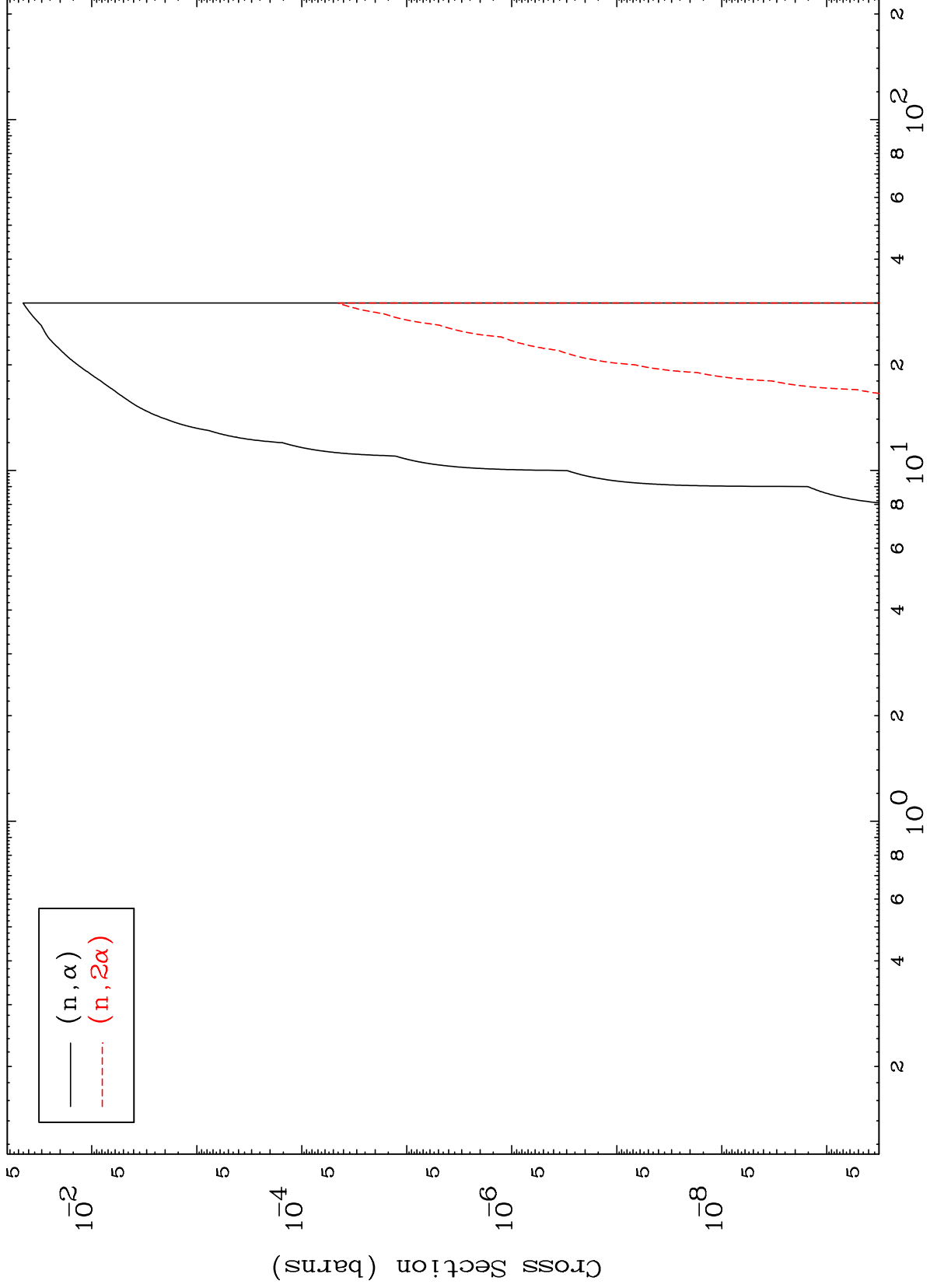
43-Tc-96m

MAT 4317

(α, α) Levels

43-Tc-96m

0 Kelvin Cross Sections



11

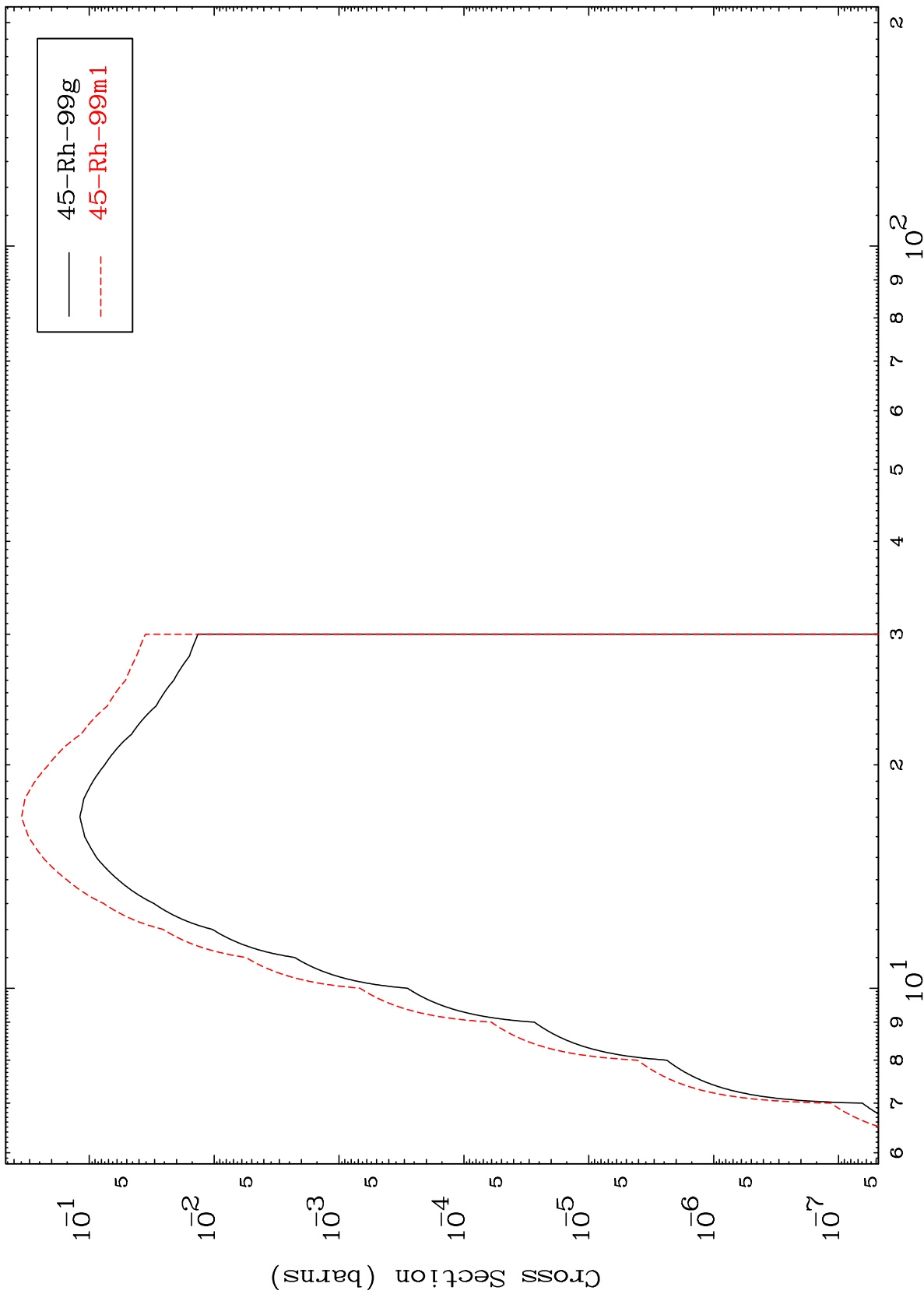
Incident Energy (MeV)

43-Tc-96m

MAT 4317

43-Tc-96m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

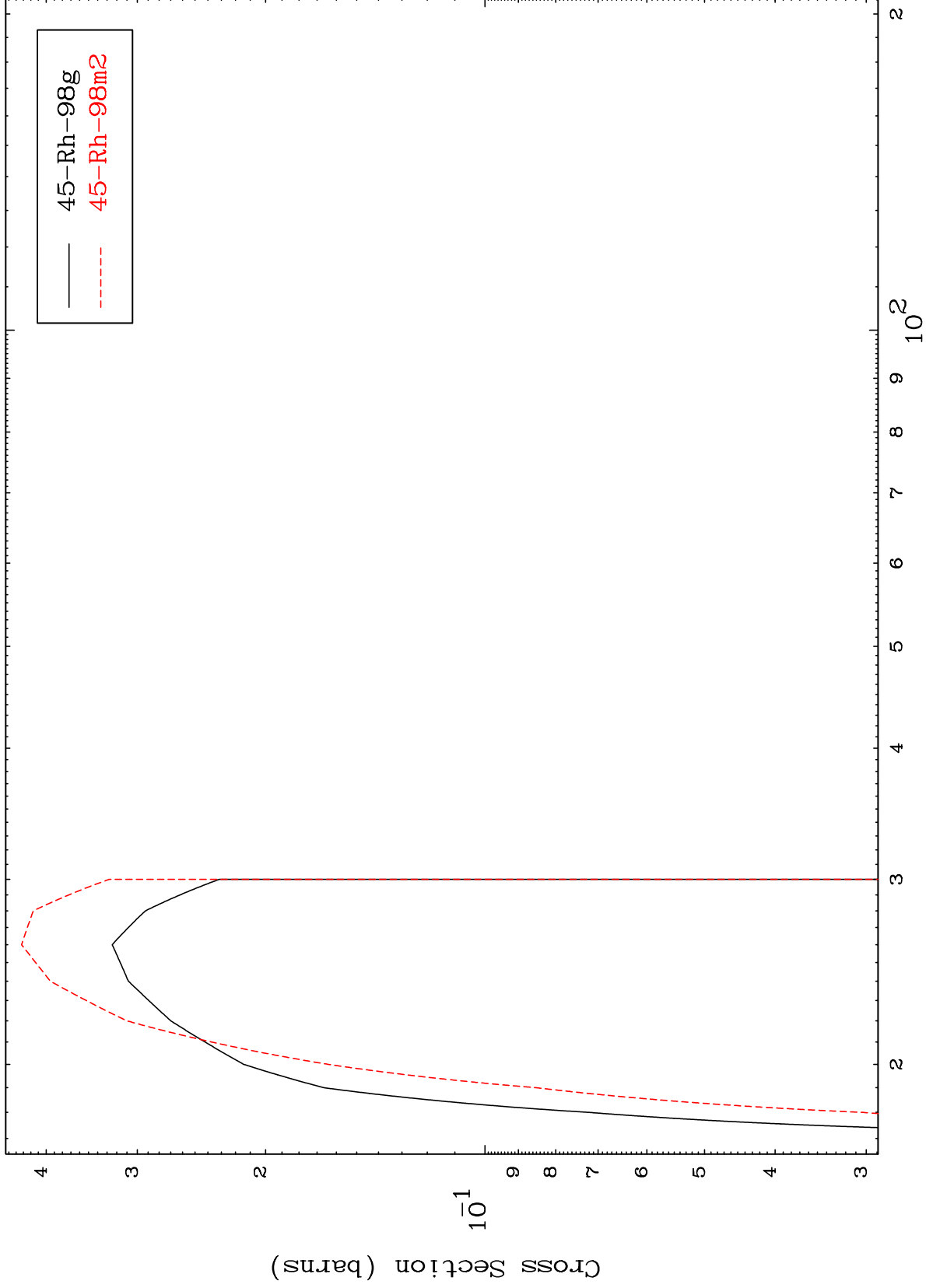
43-Tc-96m

MAT 4317

(n,2n)

43-Tc-96m

Radionuclide Production Cross Section



13

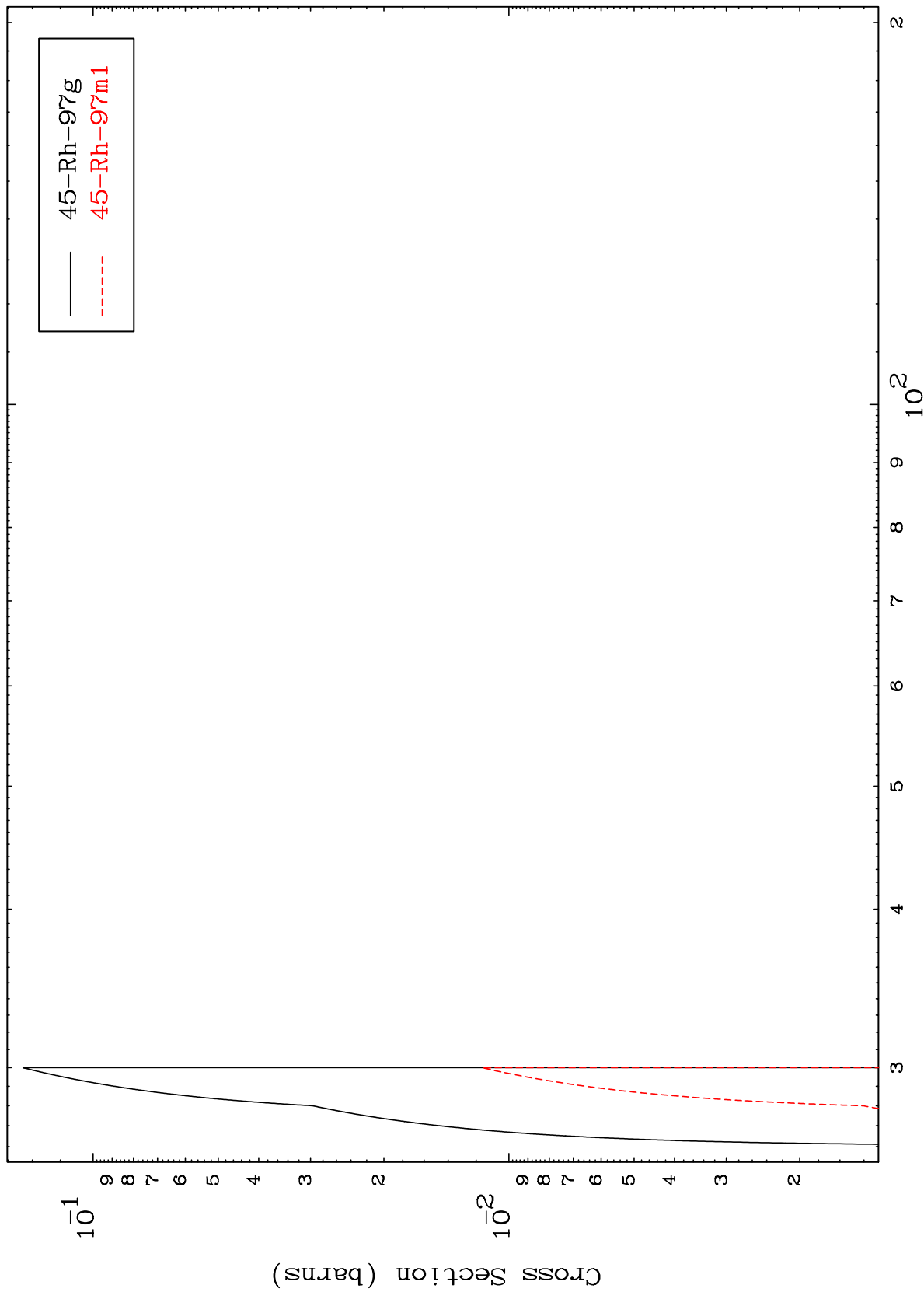
Incident Energy (MeV)

43-Tc-96m

MAT 4317

43-Tc-96m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

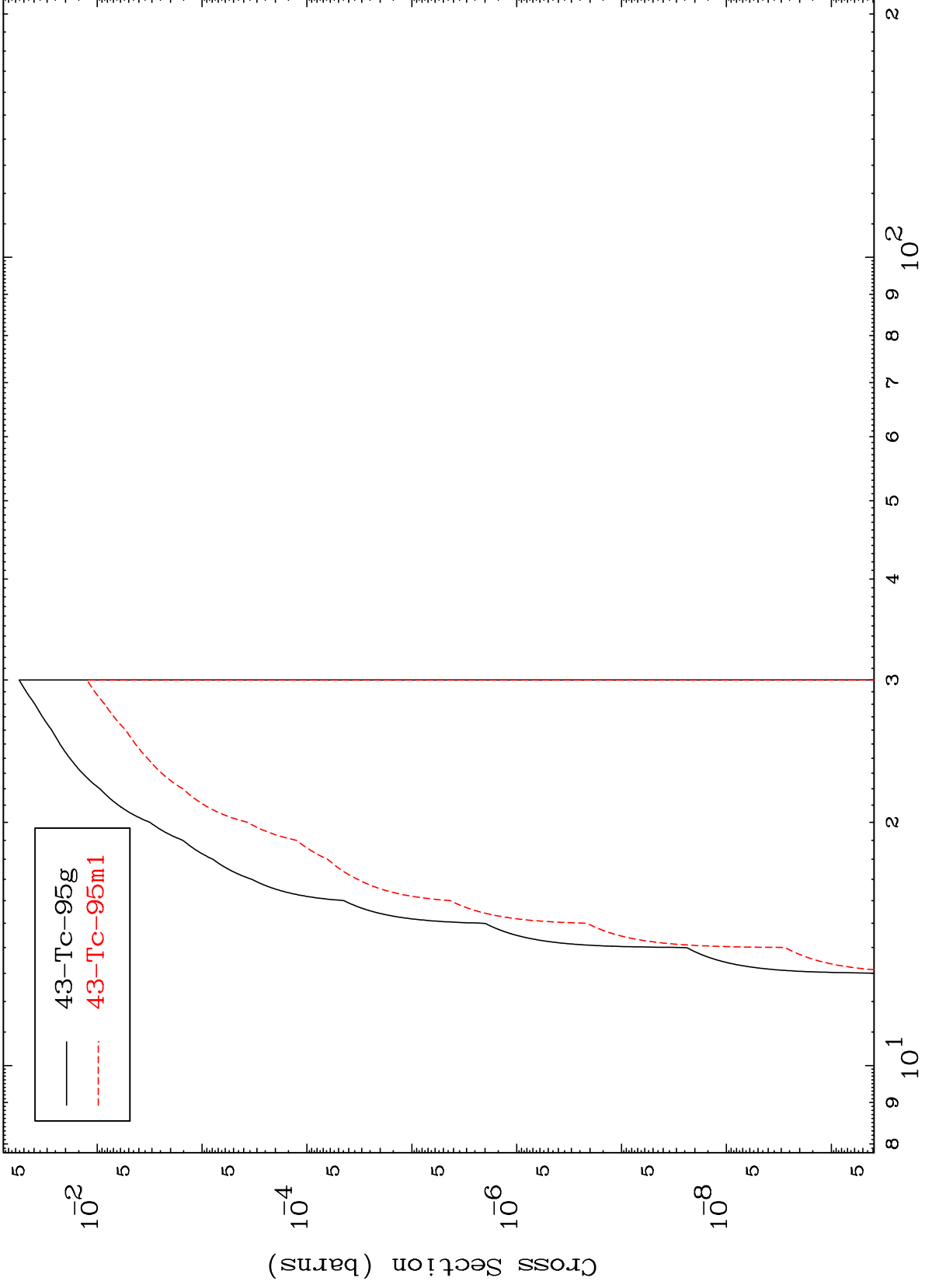
43-Tc-96m

MAT 4317

(n,n') α

43-Tc-96m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

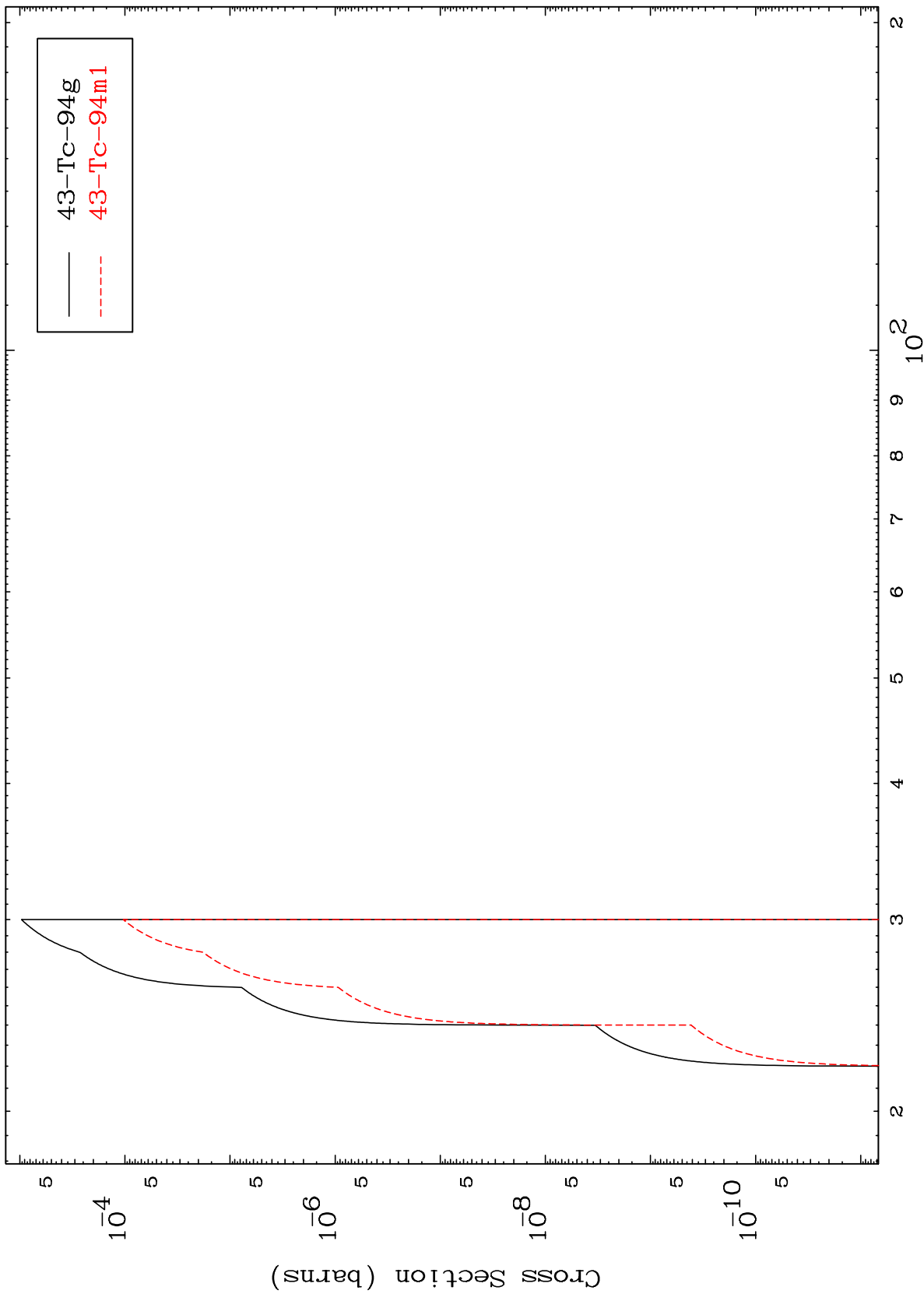
43-Tc-96m

MAT 4317

(n,2n) α

43-Tc-96m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

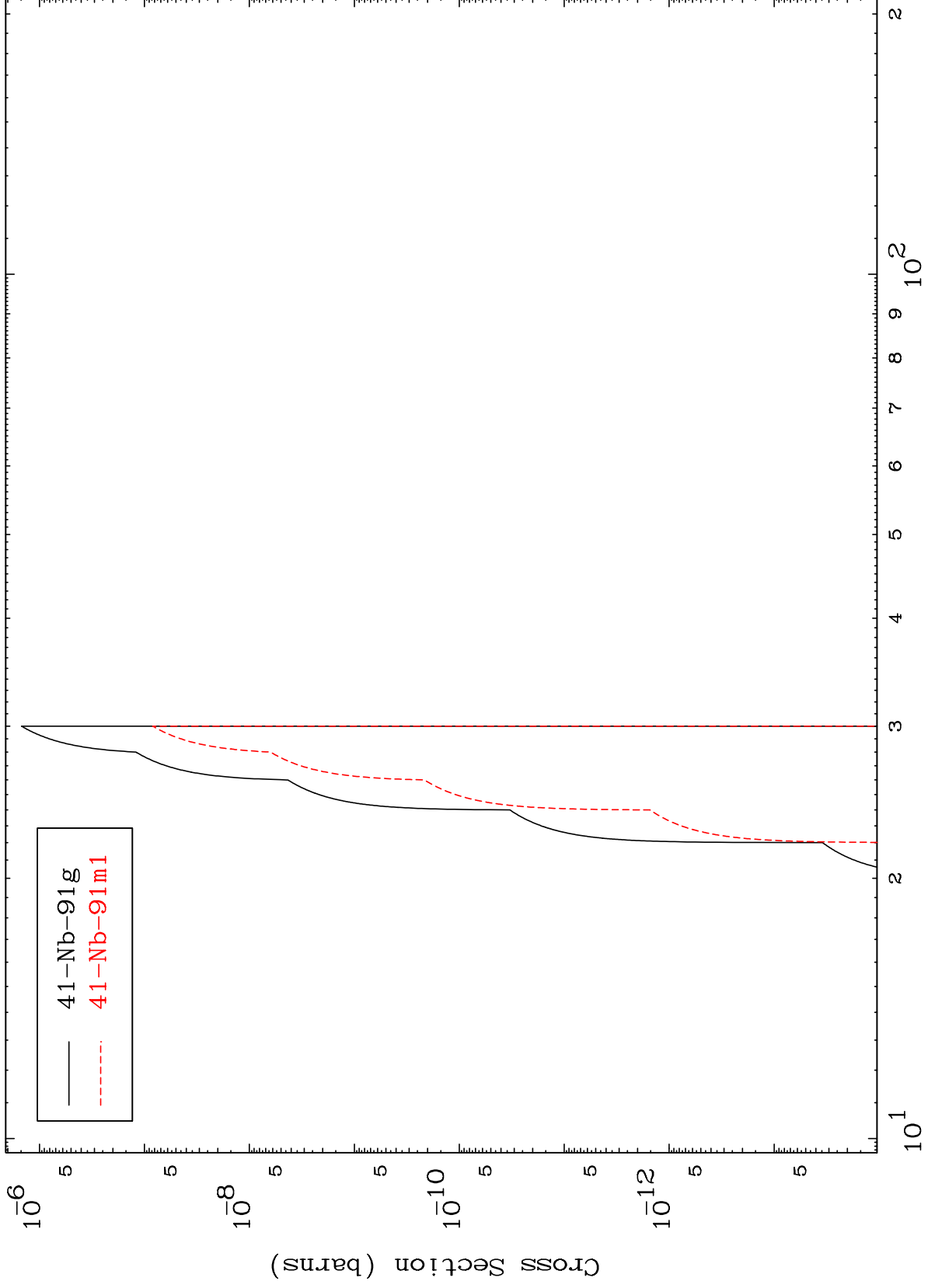
43-Tc-96m

MAT 4317

(n,n') 2α

43-Tc-96m

Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

Incident Energy (MeV)

43-Tc-96m

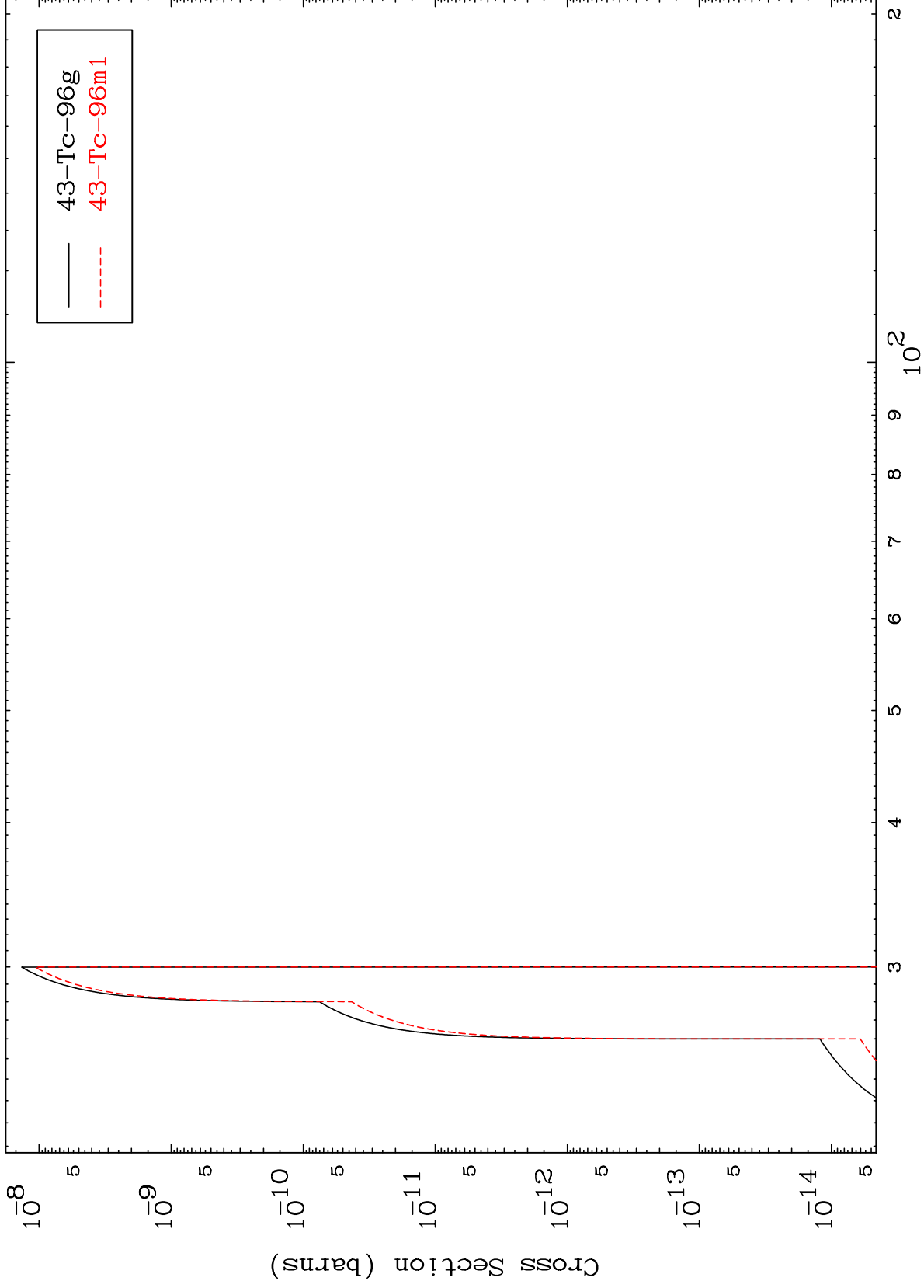
17

MAT 4317

(n,n') He-3

43-Tc-96m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

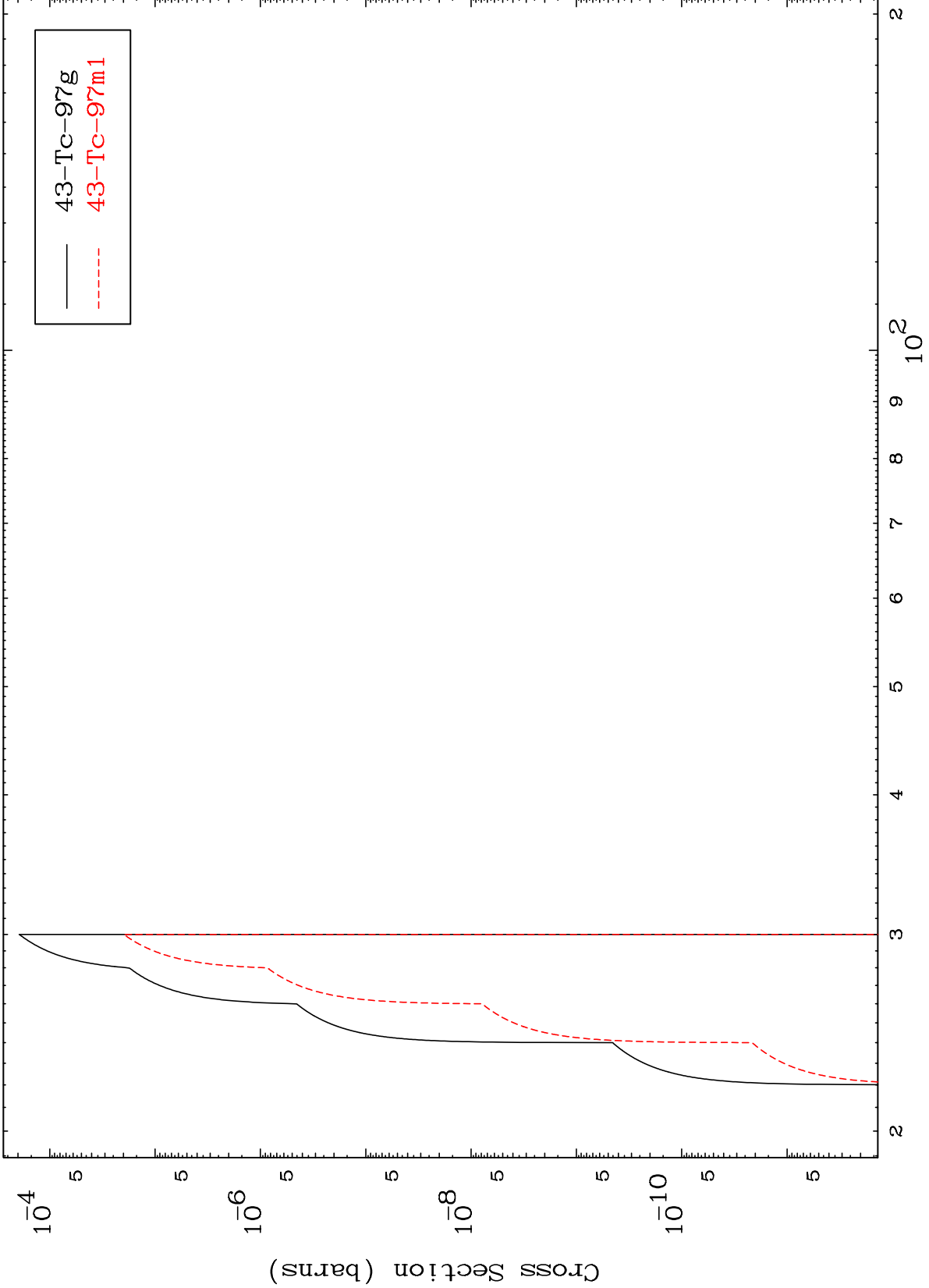
43-Tc-96m

MAT 4317

(n,2n) p

43-Tc-96m

Radionuclide Production Cross Section



19

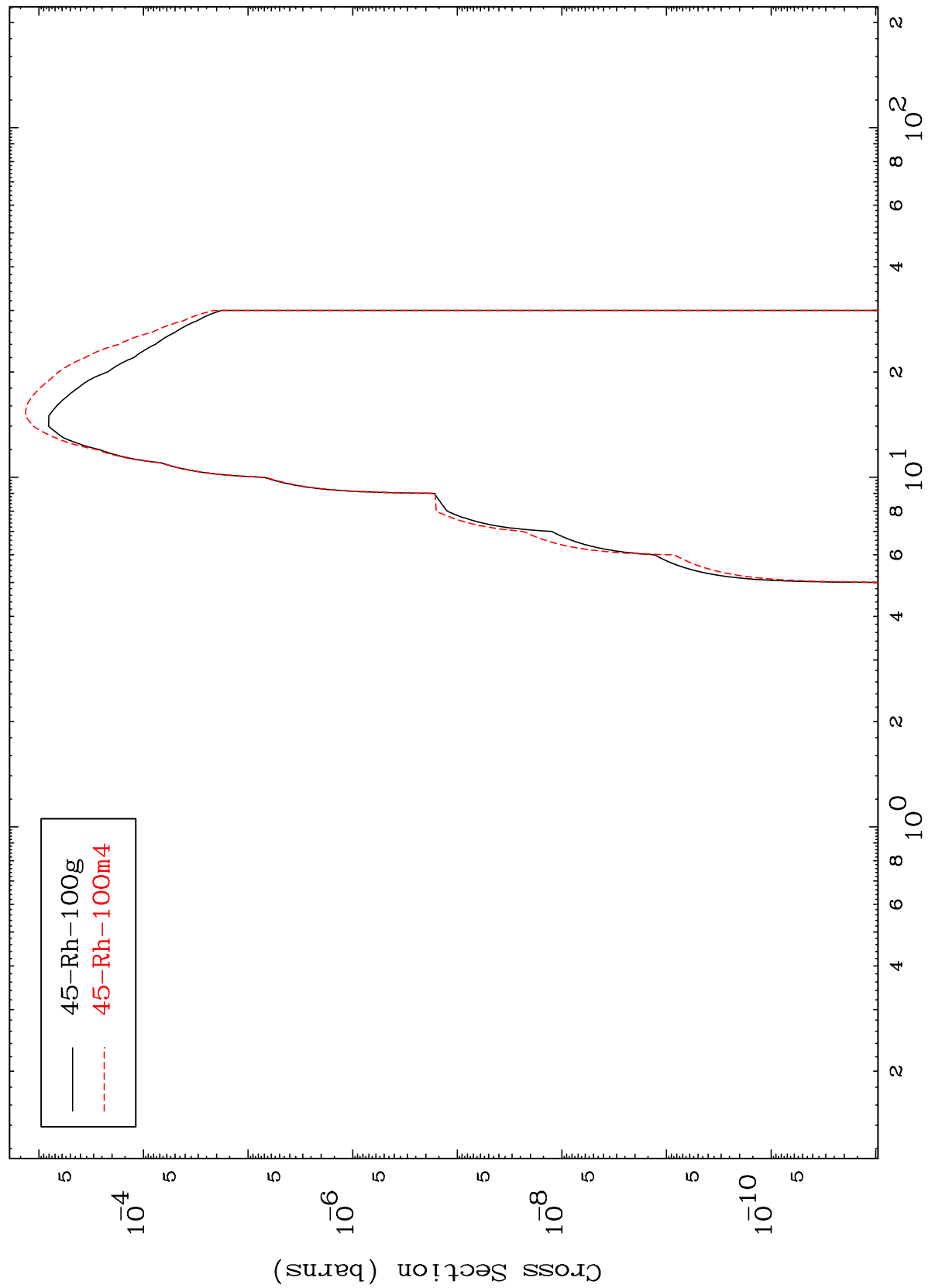
Incident Energy (MeV)

43-Tc-96m

MAT 4317

⁴³Tc-96m

(n,γ)
Radionuclide Production Cross Section



20

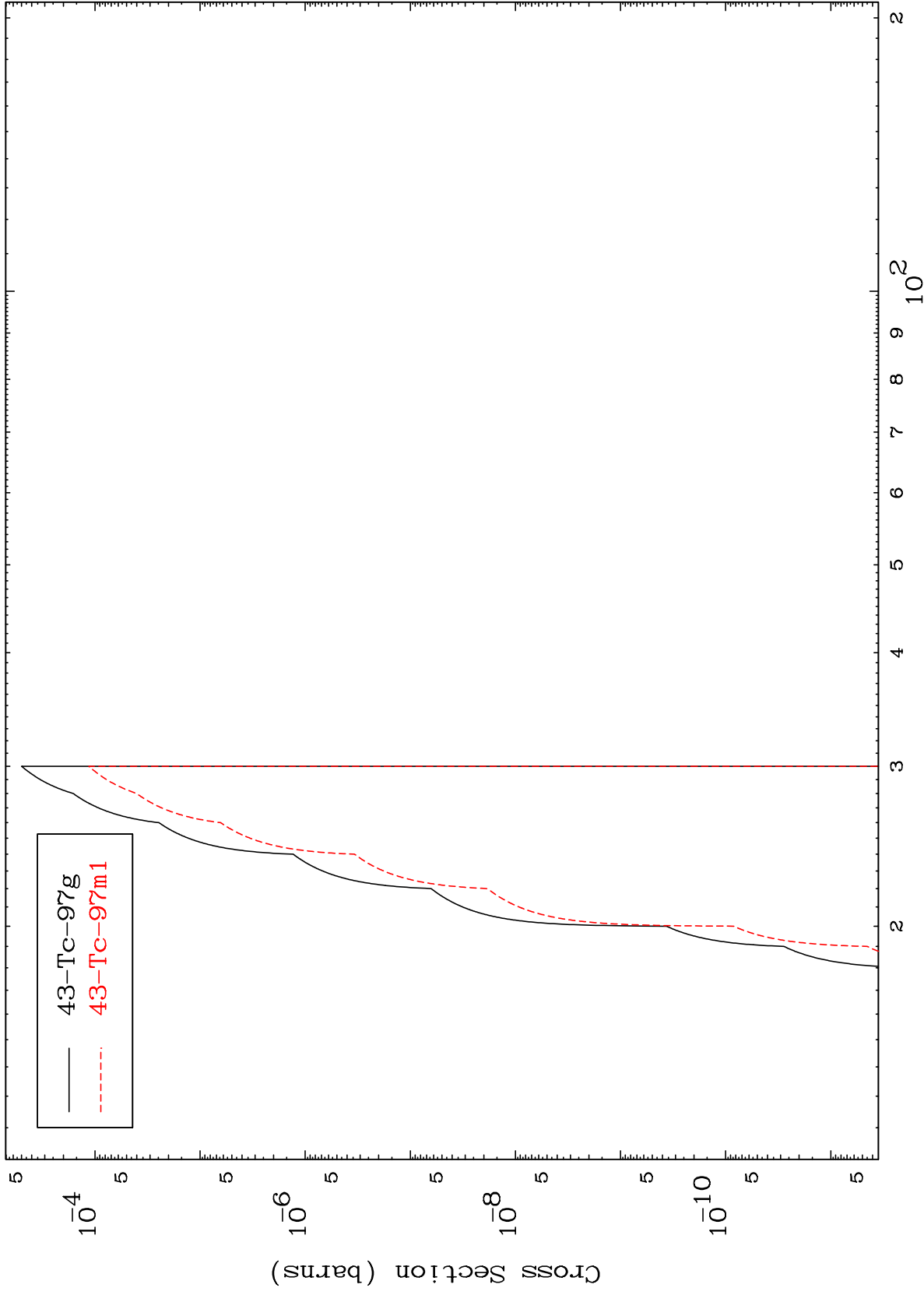
⁴³Tc-96m

MAT 4317

(n,He-3)

43-Tc-96m

Radionuclide Production Cross Section

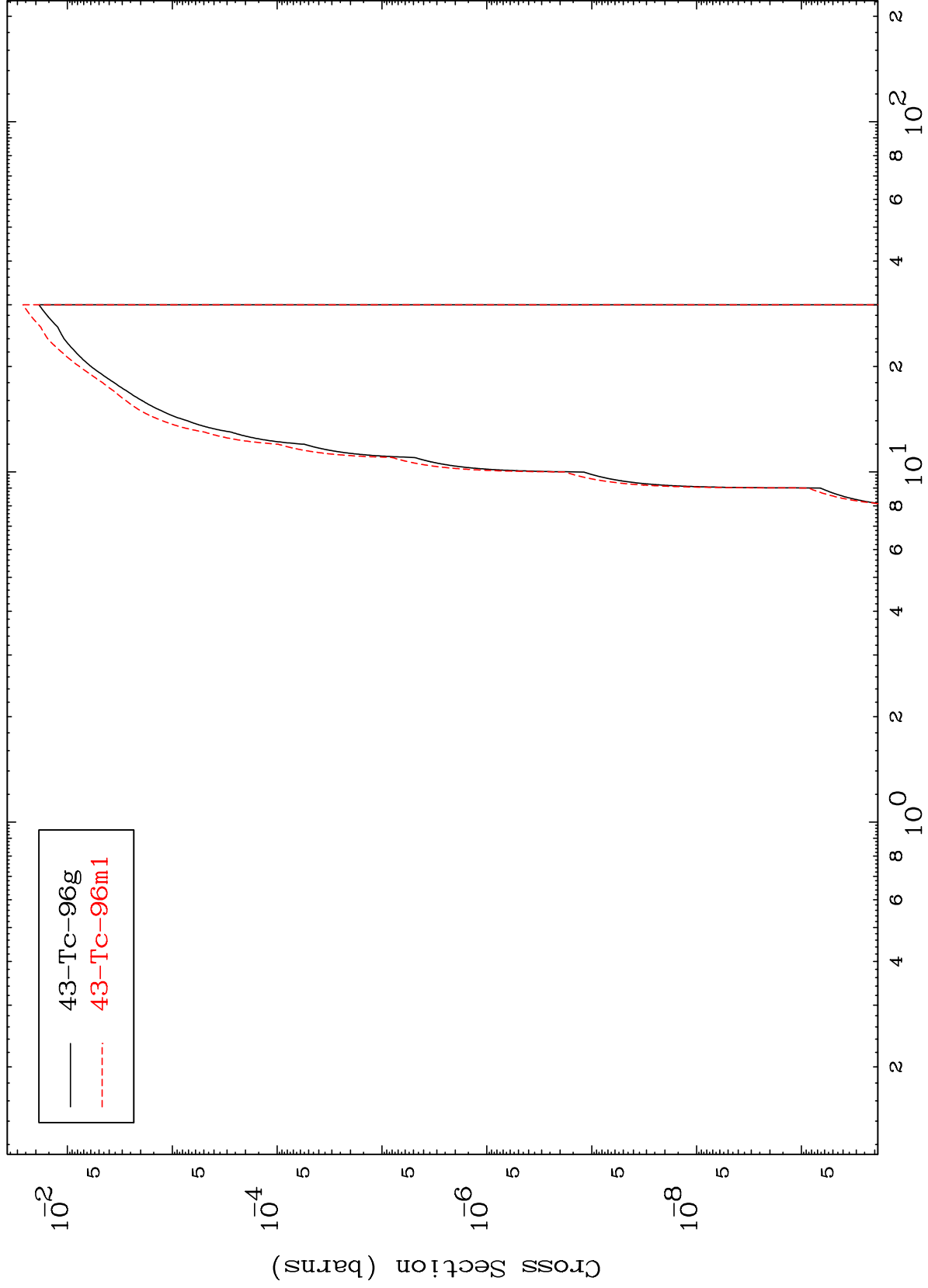


MAT 4317

(n, α)

43-Tc-96m

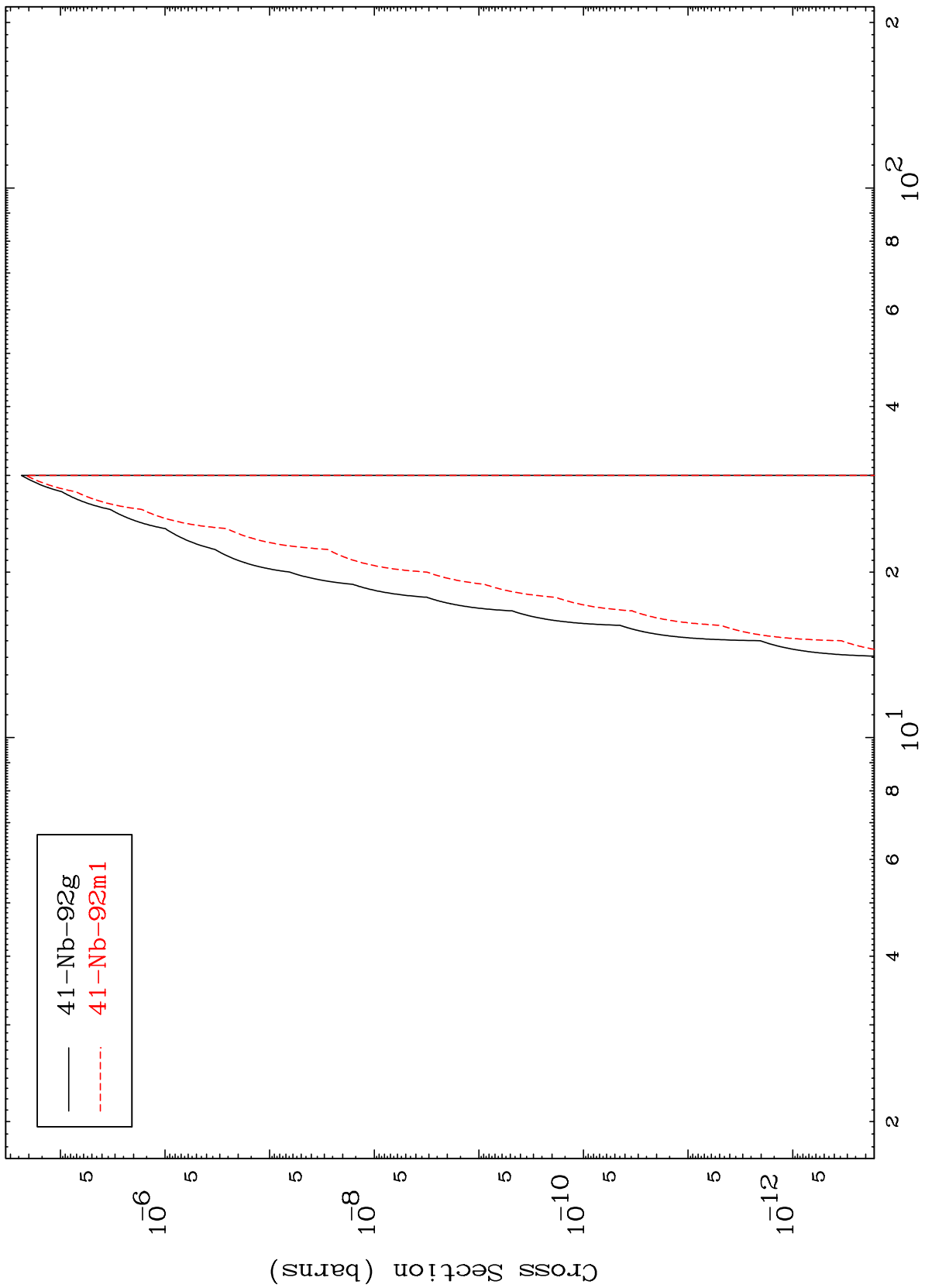
Radionuclide Production Cross Section



MAT 4317

43-Tc-96m

(n,2α)
Radionuclide Production Cross Section



— 41-Nb-92g
- - - 41-Nb-92m1

23

Incident Energy (MeV)

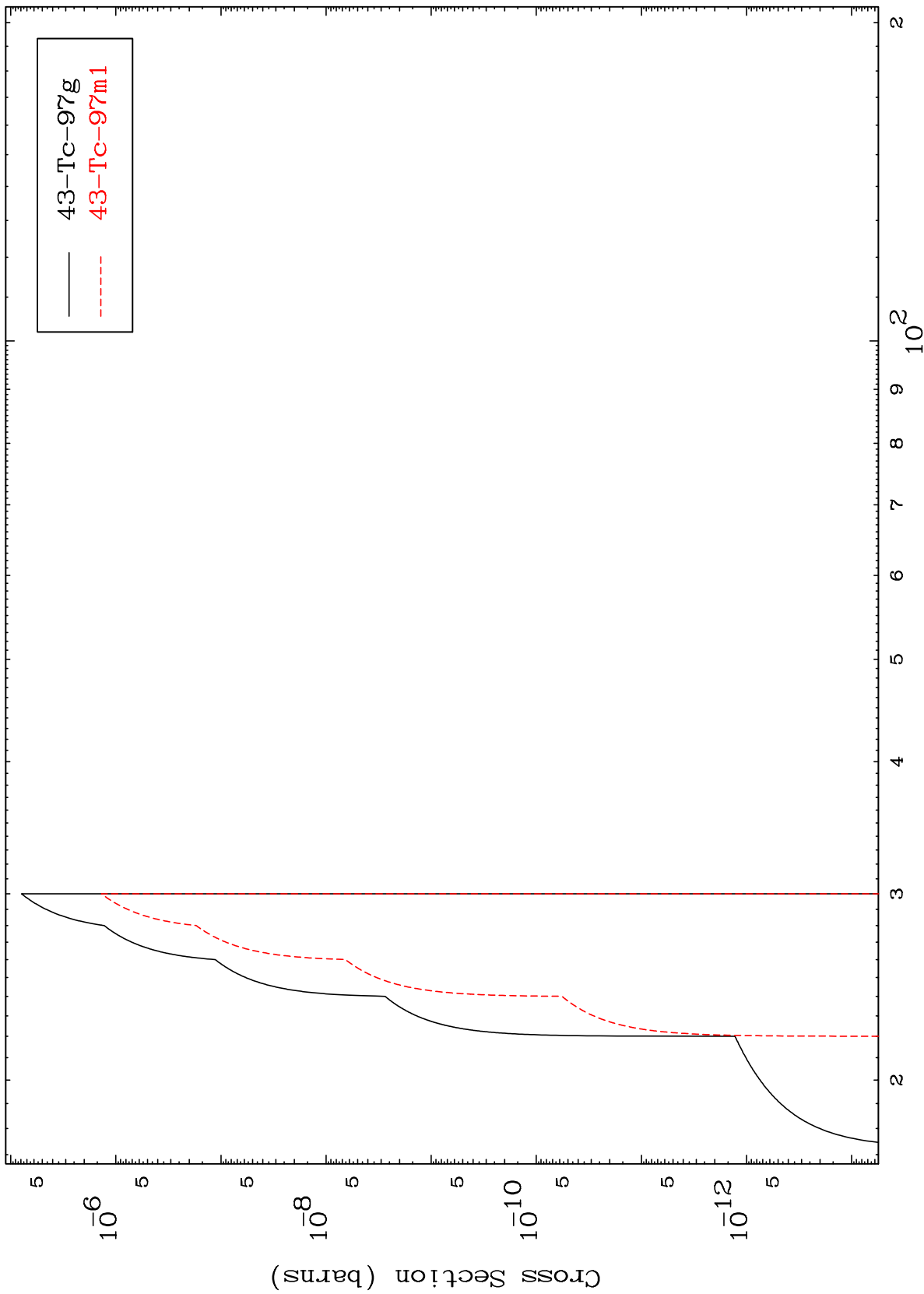
43-Tc-96m

MAT 4317

(n,p) d

43-Tc-96m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

43-Tc-96m

Radionuclide Production Cross Section

