

Program EVALPLOT
(Version 2021-1)

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

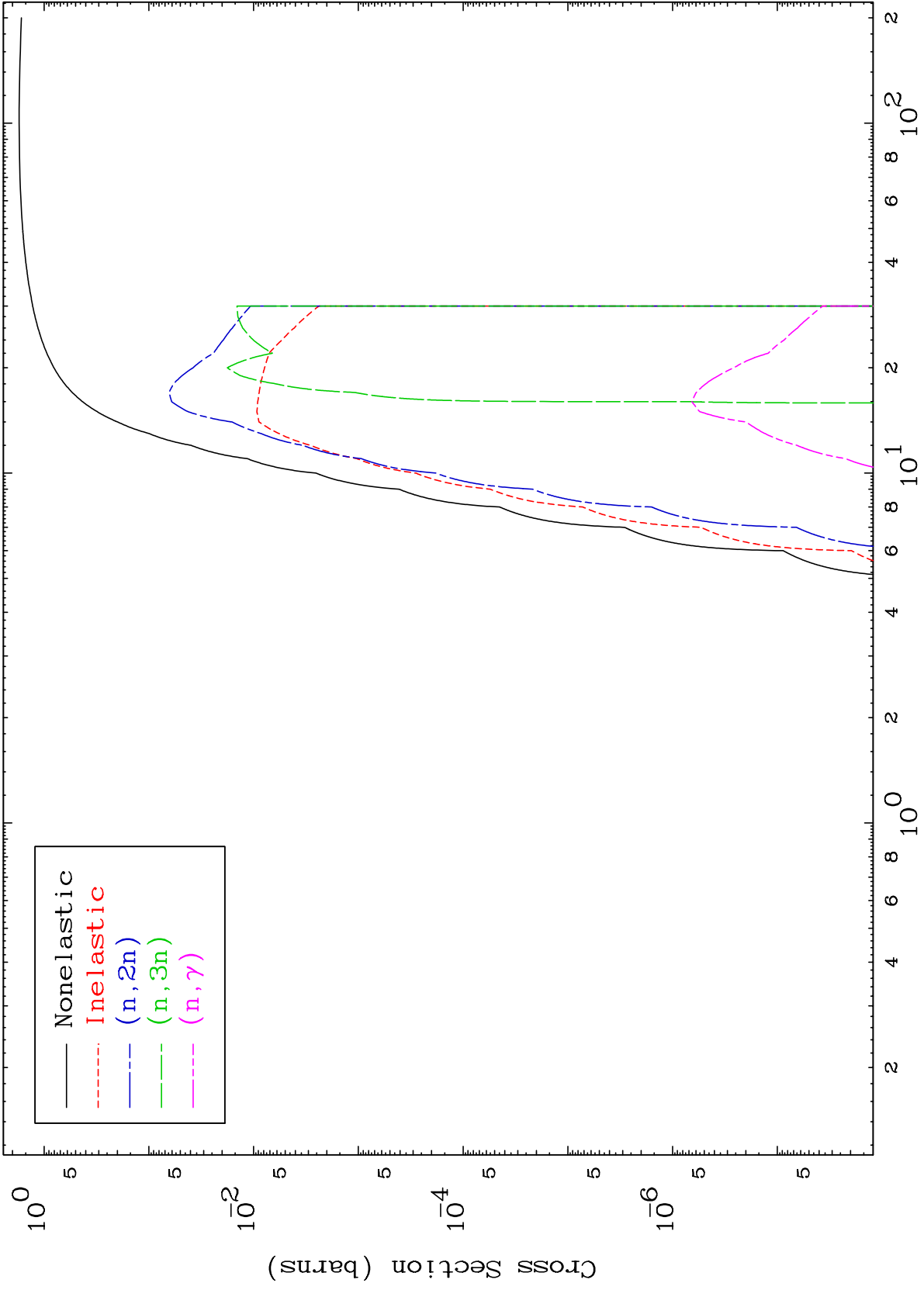
Press Mouse Button to Start

MAT 4317

He-3 Major

0 Kelvin Cross Sections

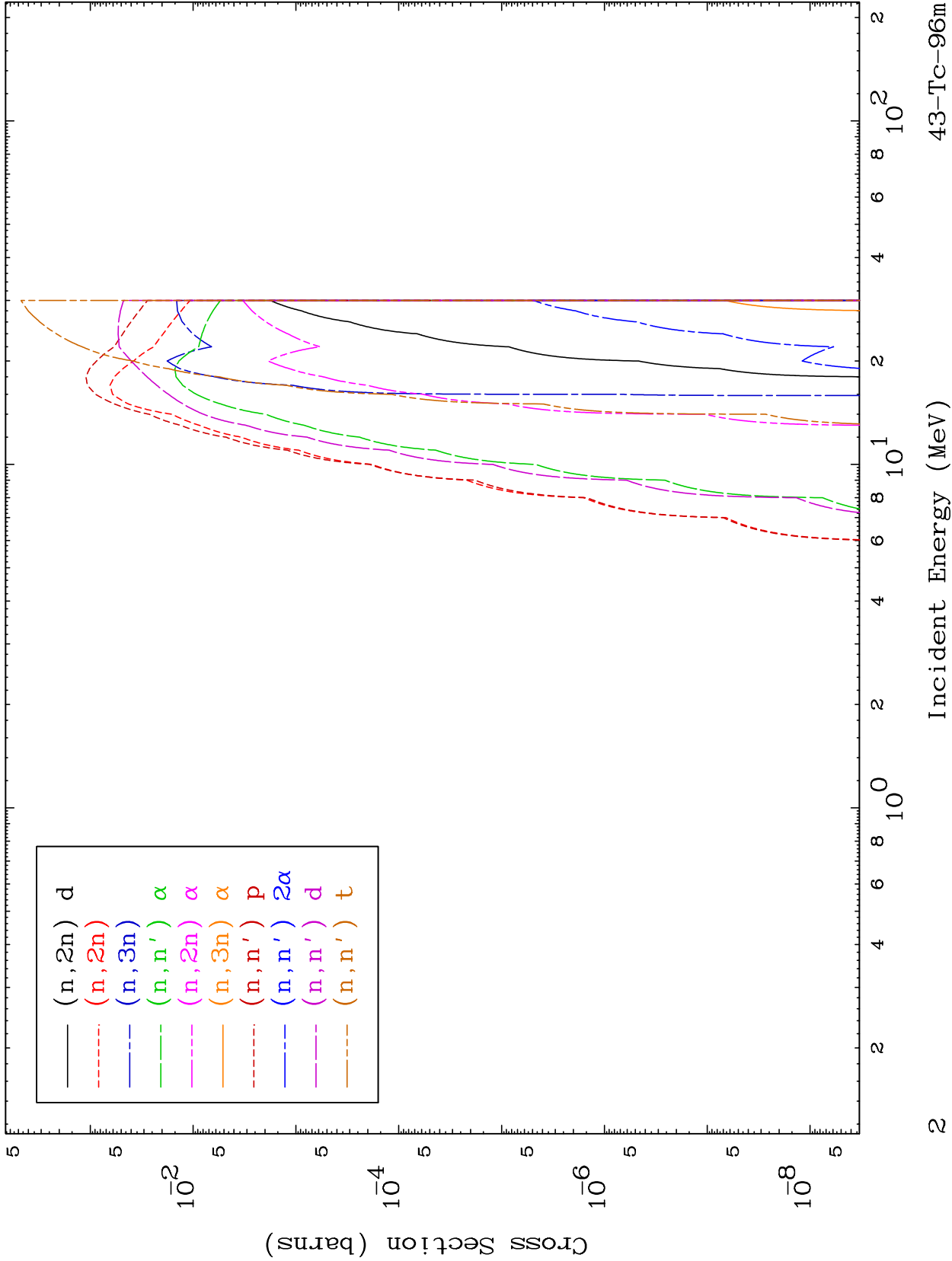
43-Tc-96m



MAT 4317

He-3 Neutron Absorption
0 Kelvin Cross Sections

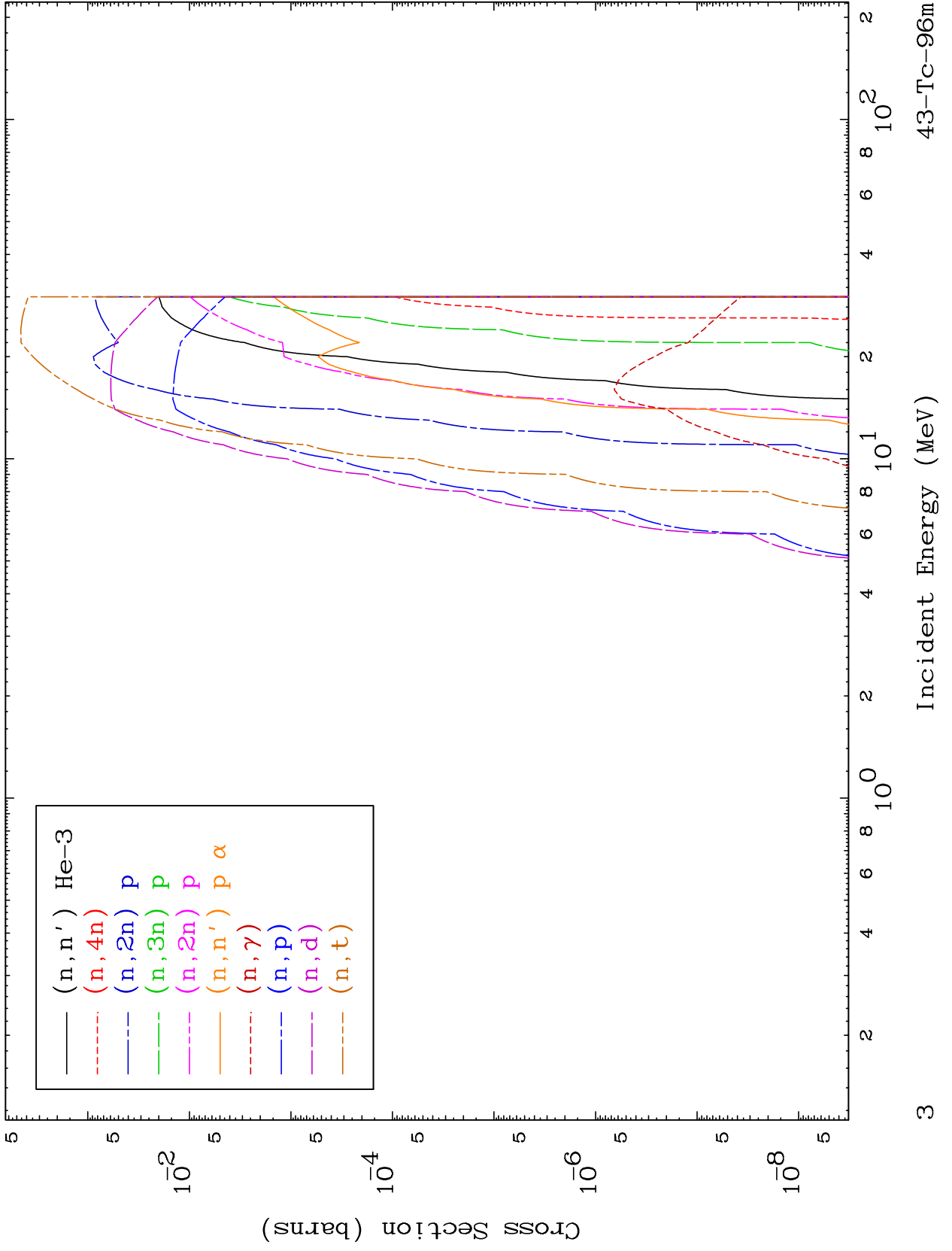
43-Tc-96m



MAT 4317

He-3 Neutron Absorption
0 Kelvin Cross Sections

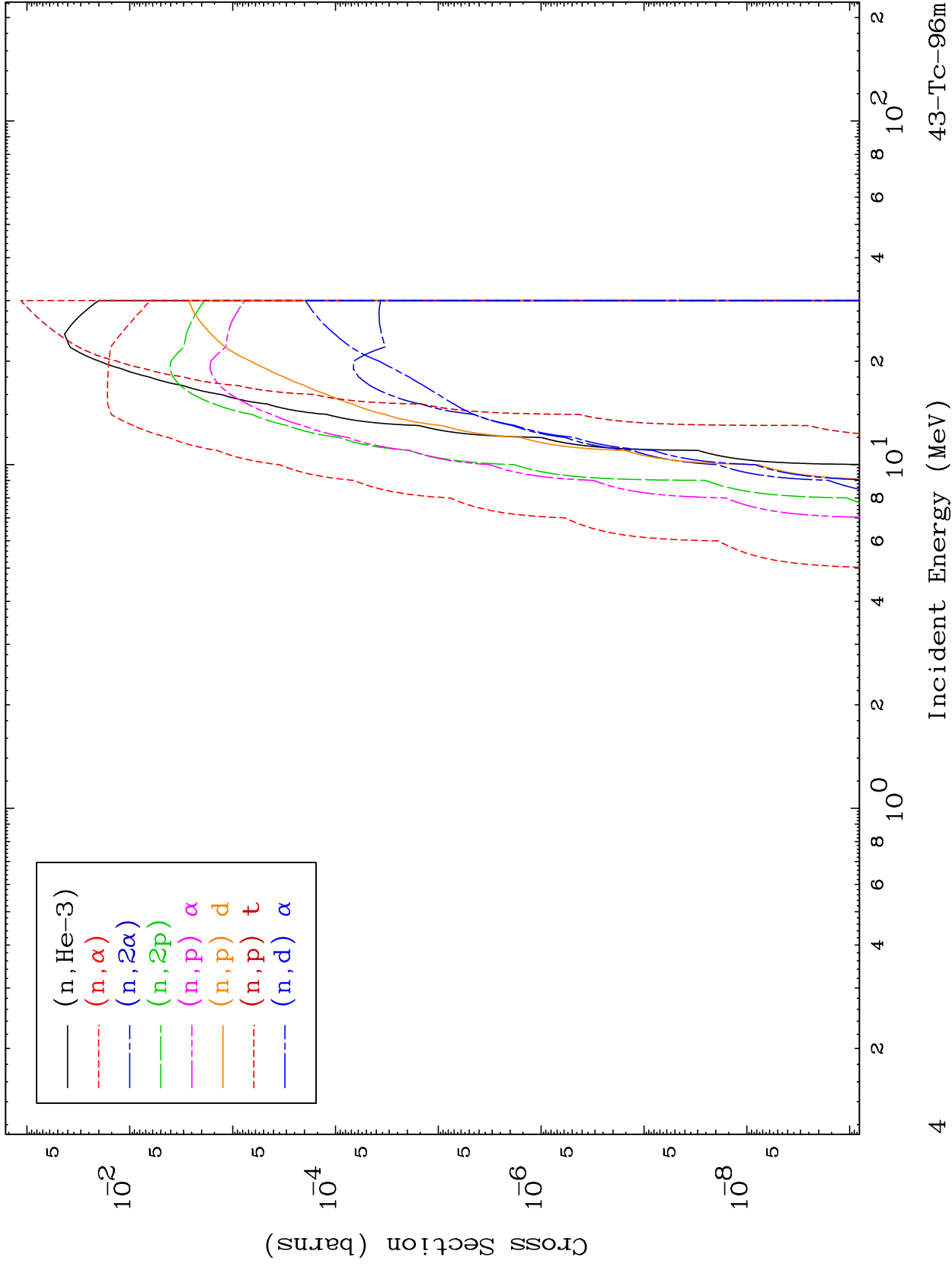
43-Tc-96m



MAT 4317

He-3 Neutron Absorption
0 Kelvin Cross Sections

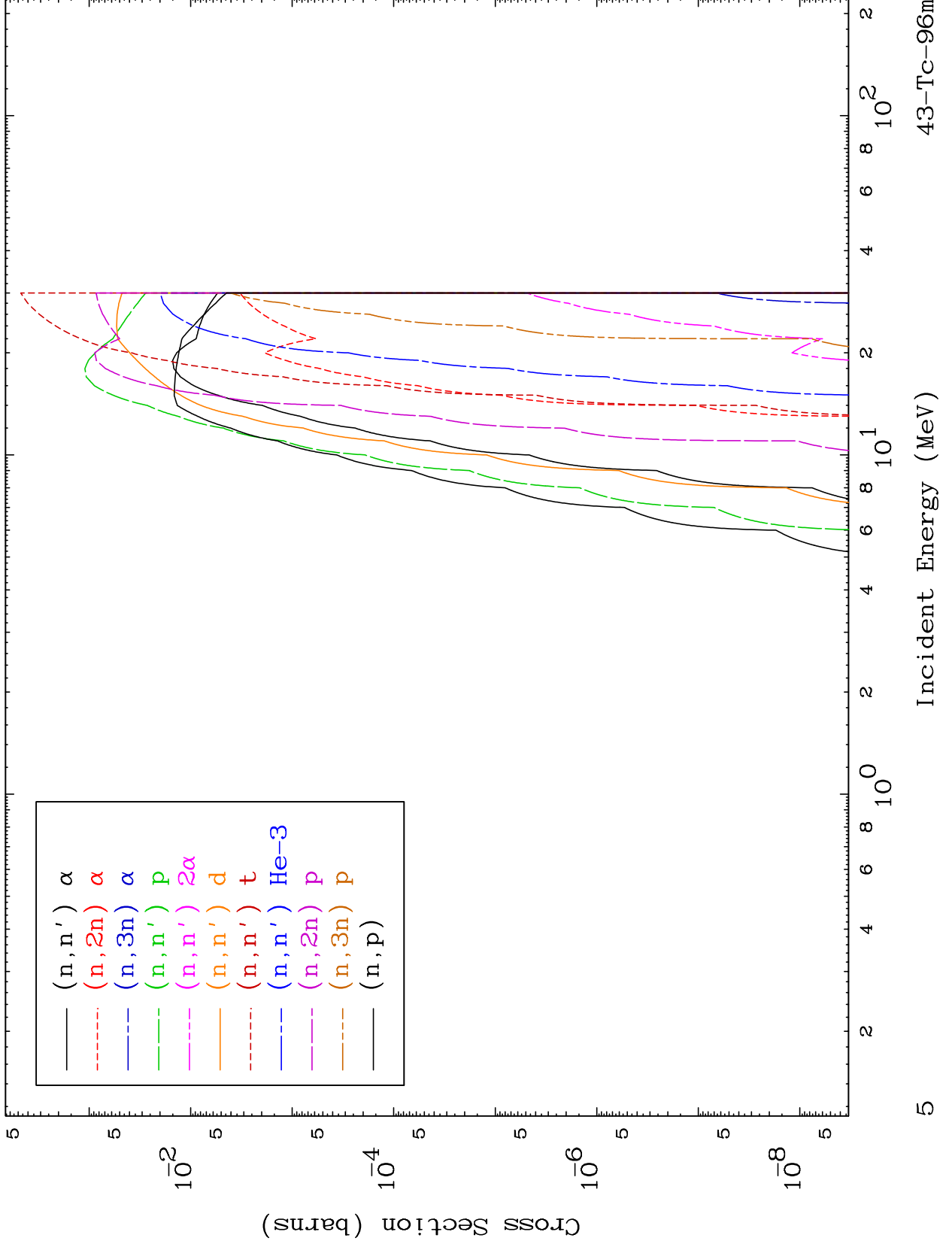
43-Tc-96m



MAT 4317

He-3 Charged Particle
0 Kelvin Cross Sections

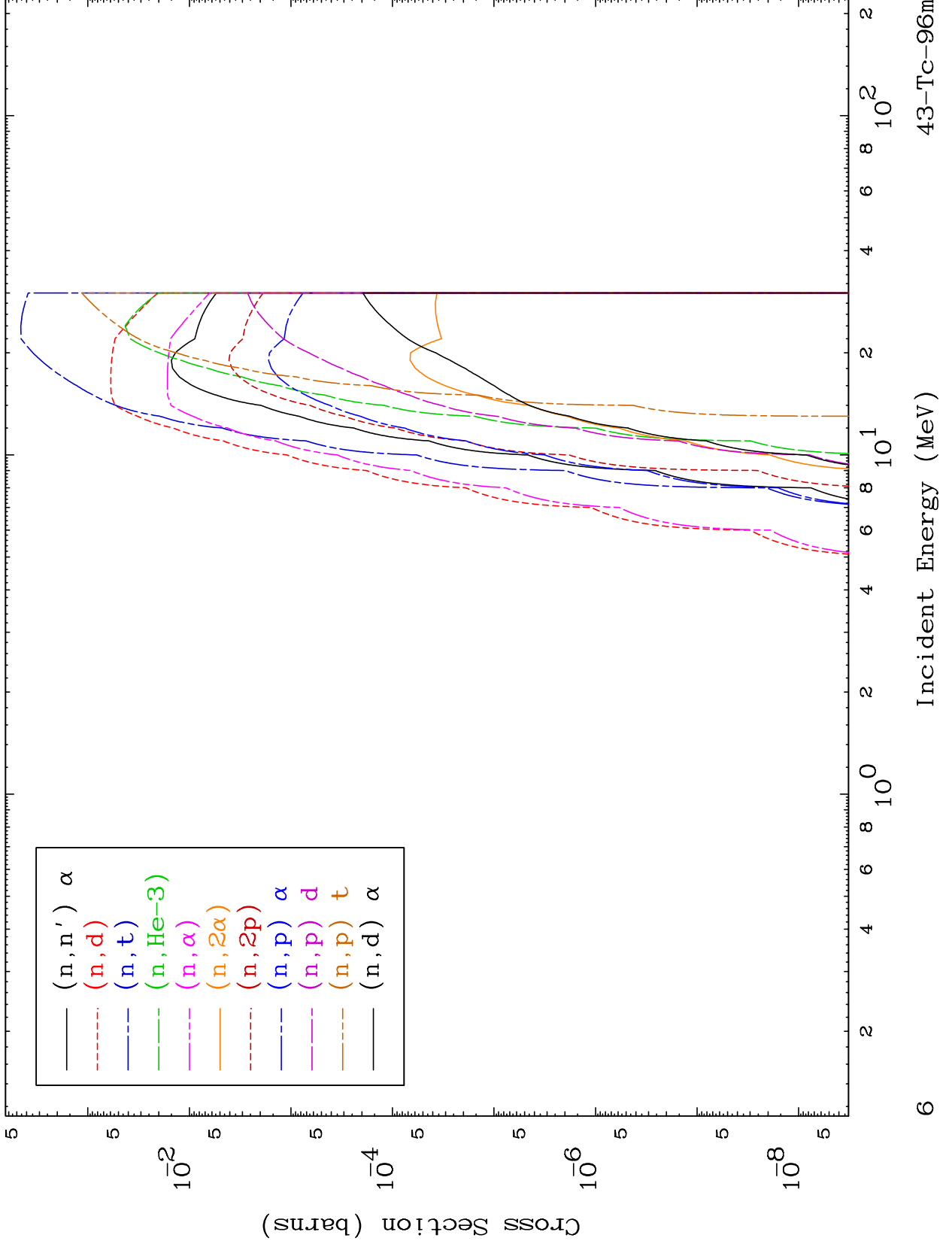
43-Tc-96m



MAT 4317

He-3 Charged Particle
0 Kelvin Cross Sections

43-Tc-96m

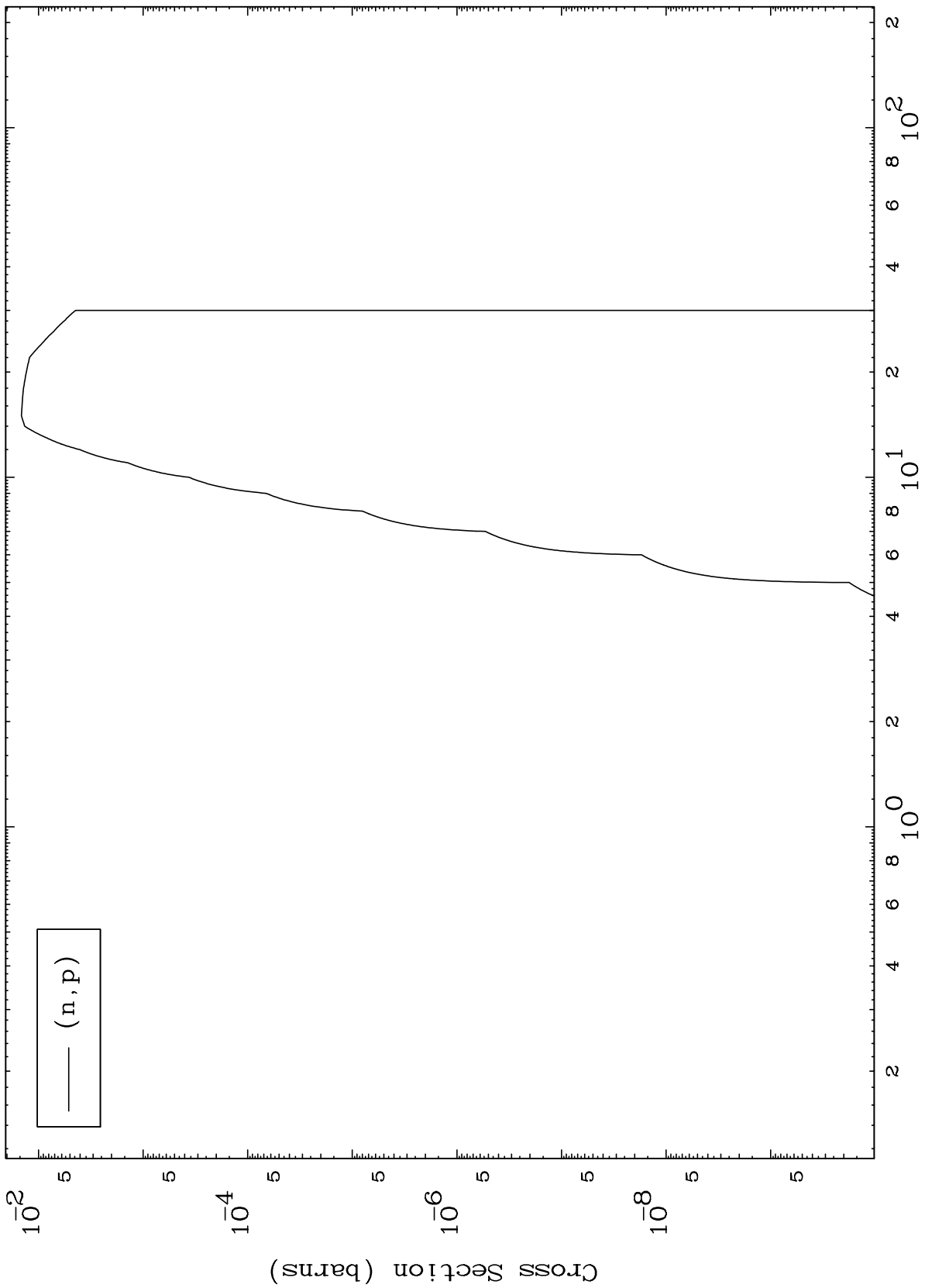


MAT 4317

(He-3,p) Levels

43-Tc-96m

0 Kelvin Cross Sections



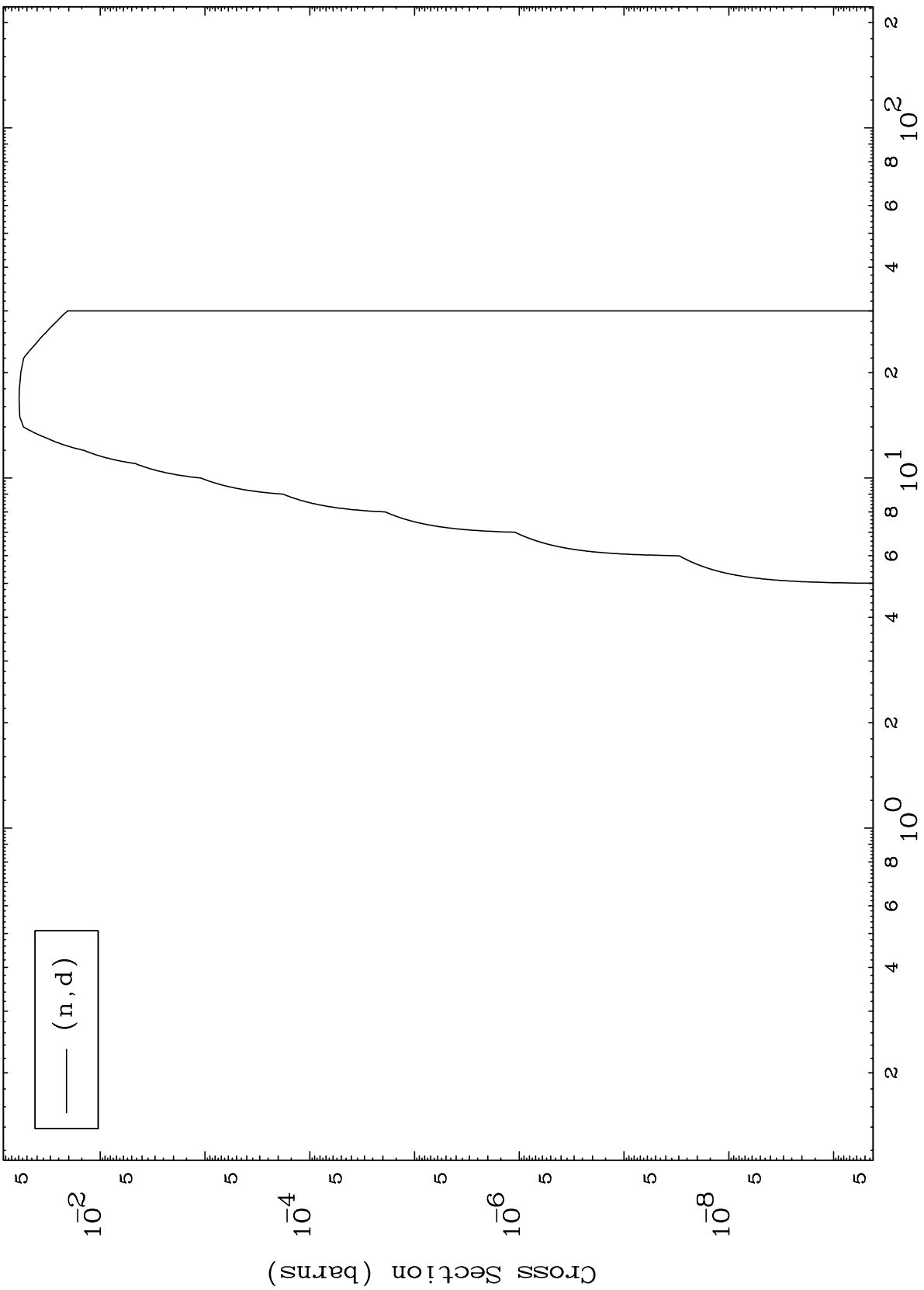
(n,p)

MAT 4317

(He-3,d) Levels

43-Tc-96m

0 Kelvin Cross Sections

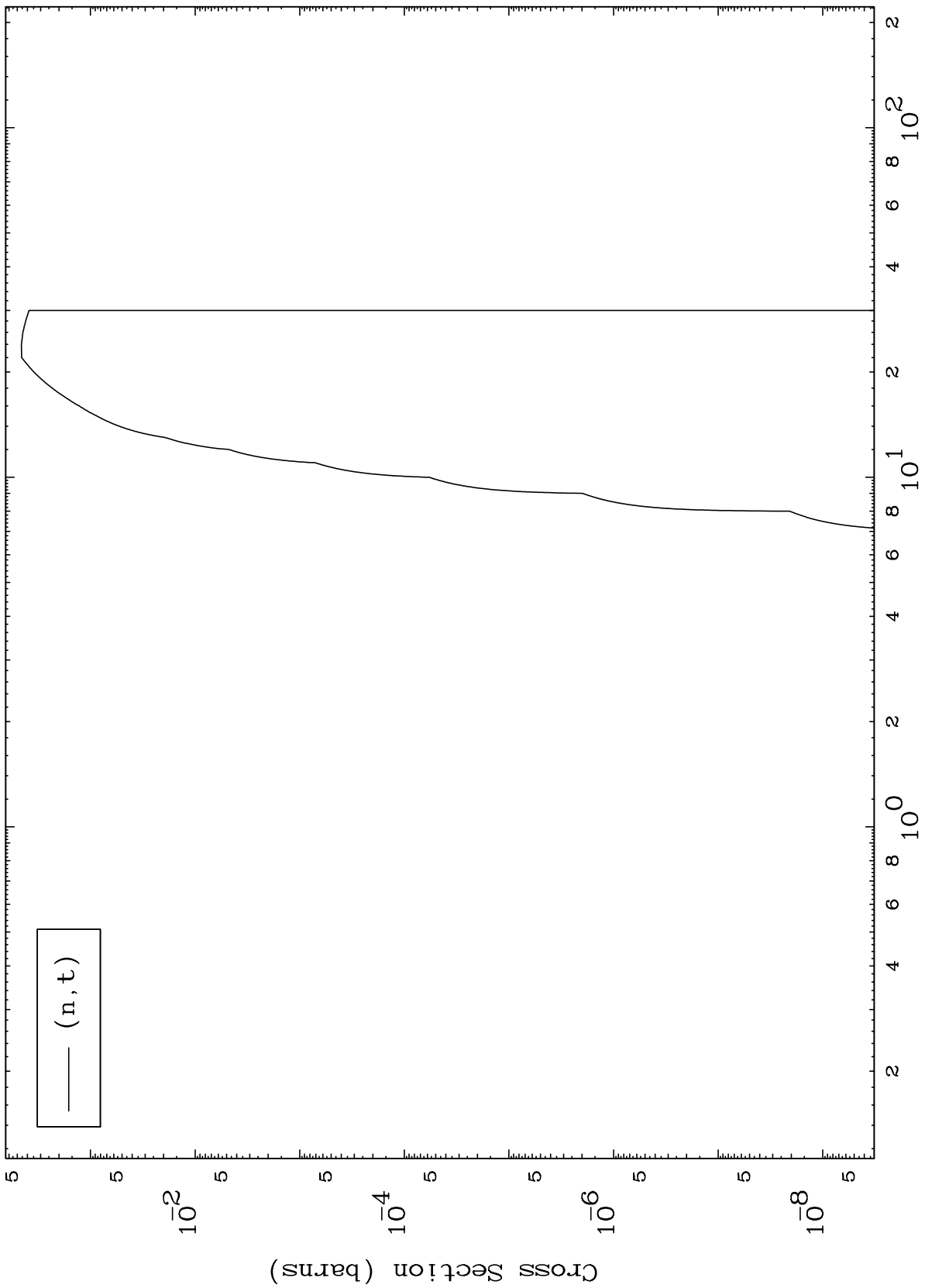


MAT 4317

(He-3,t) Levels

43-Tc-96m

0 Kelvin Cross Sections

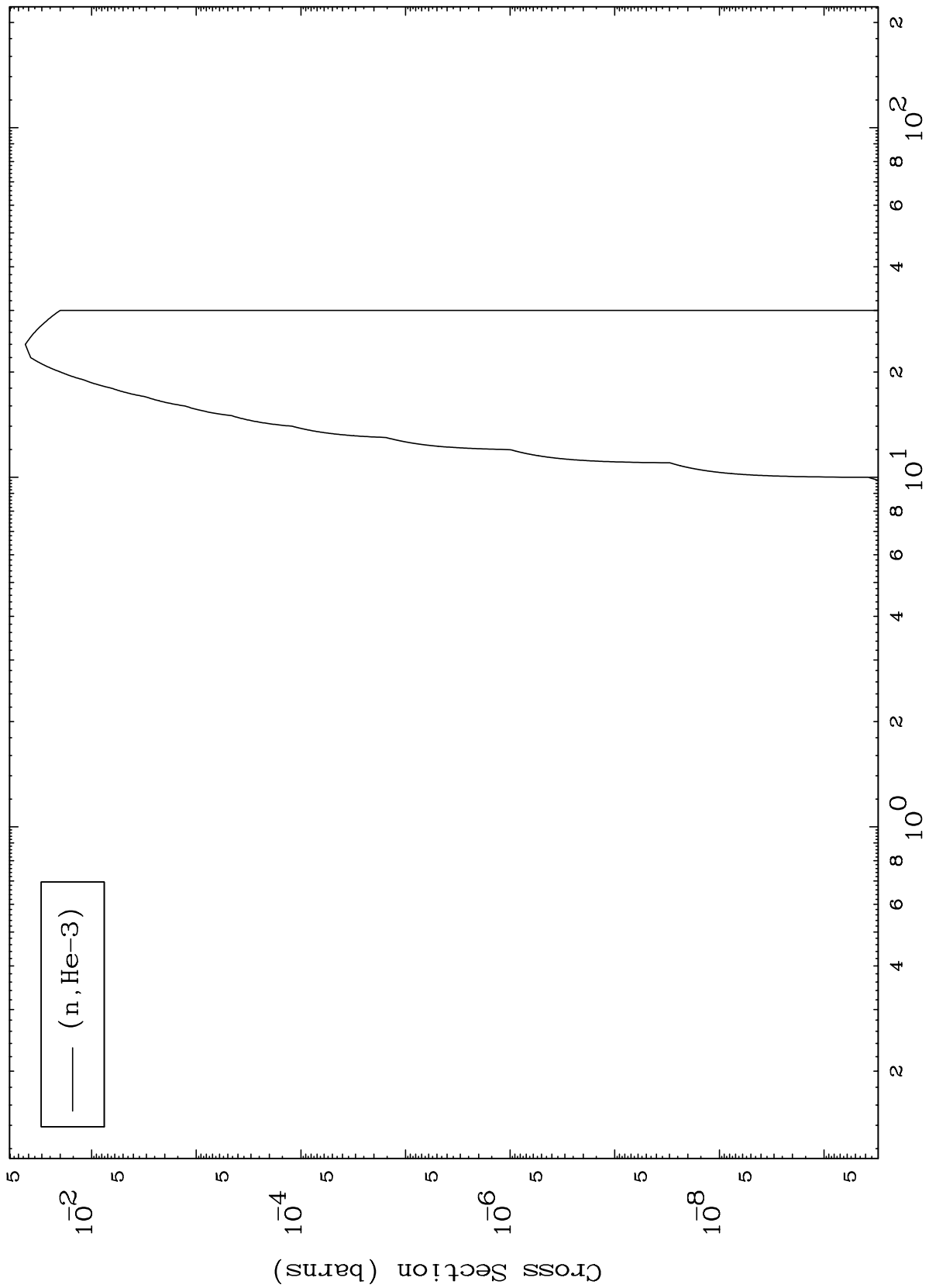


MAT 4317

(He-3, He3) Levels

43-Tc-96m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

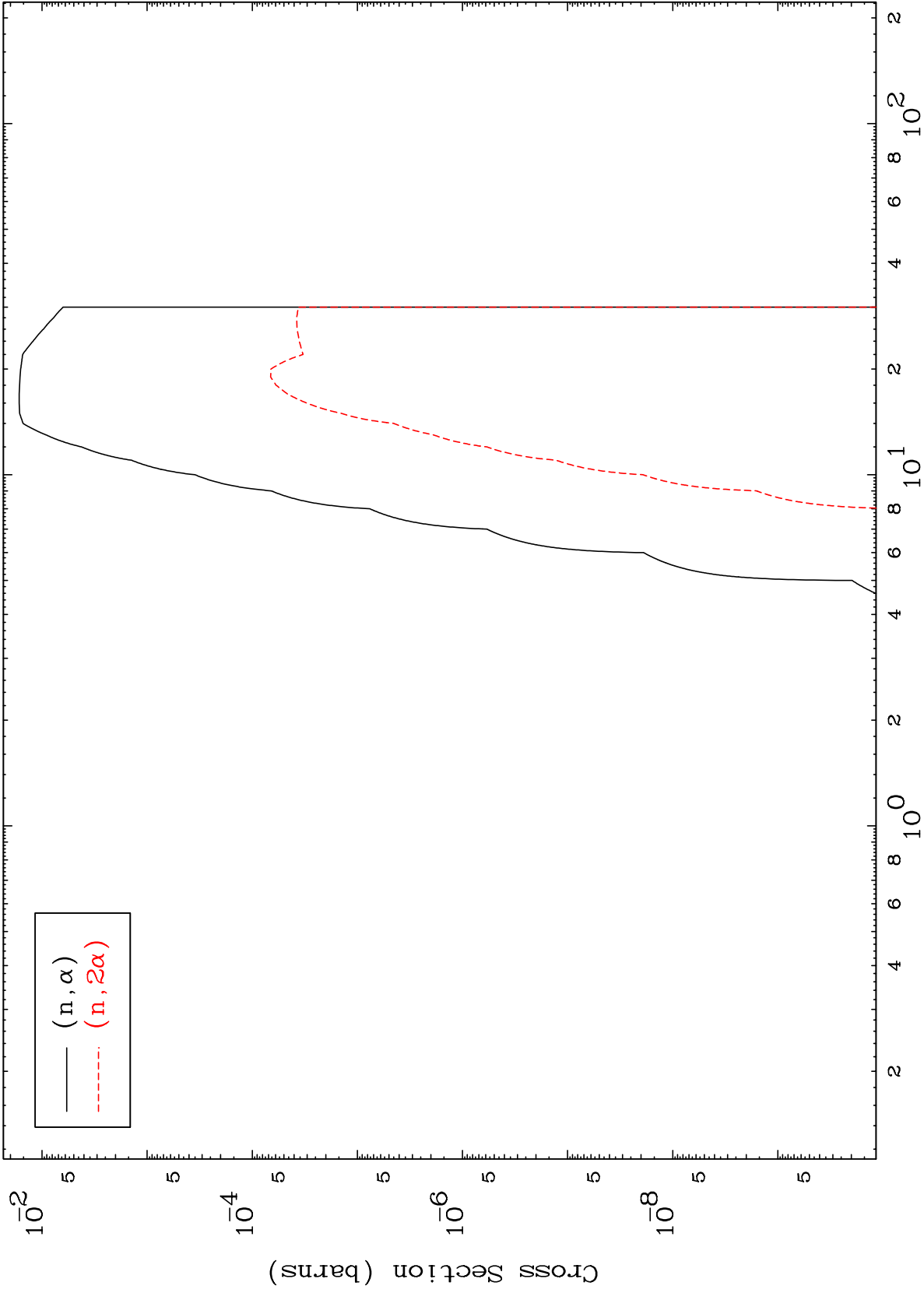
43-Tc-96m

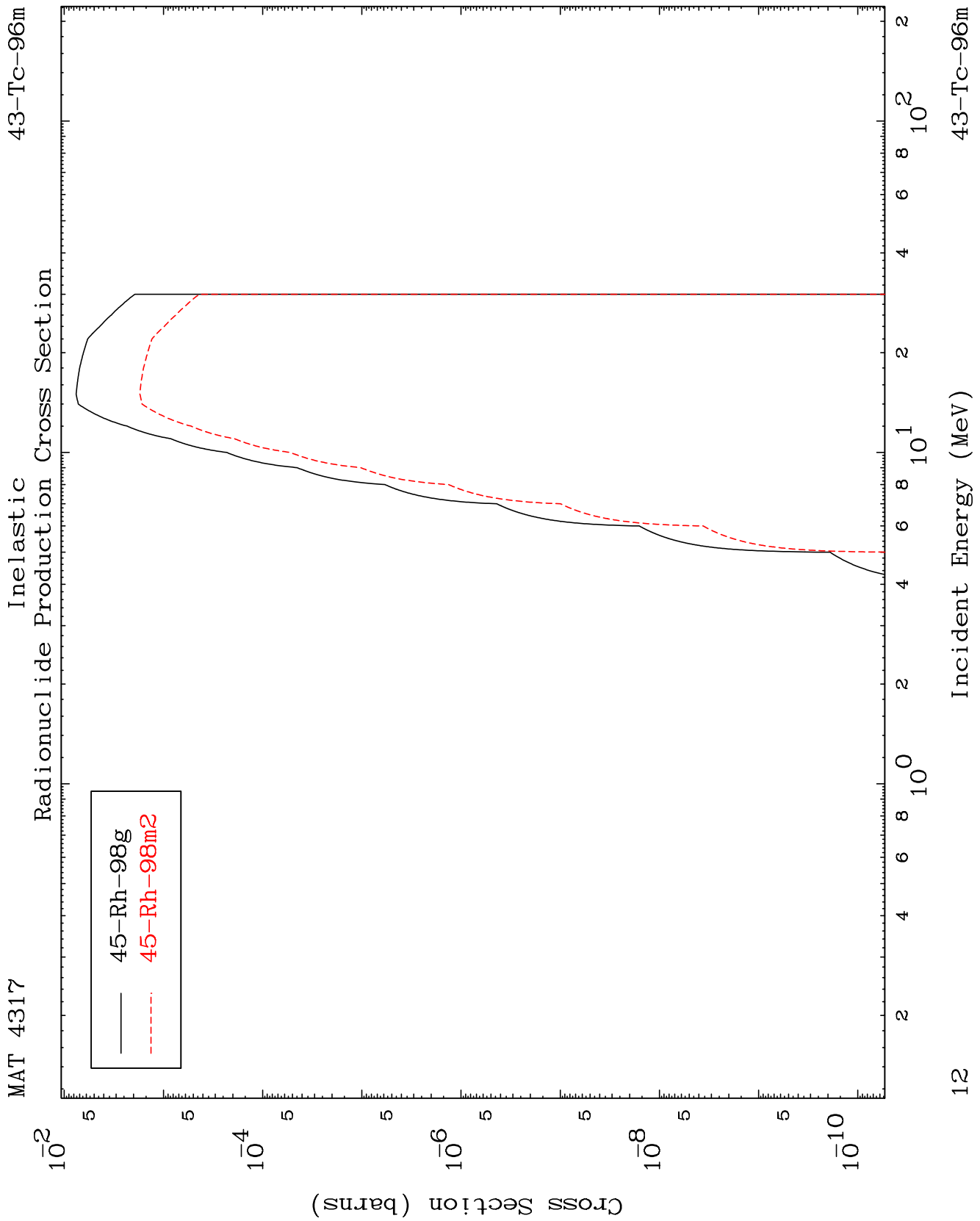
MAT 4317

(He-3, α) Levels

43-Tc-96m

0 Kelvin Cross Sections



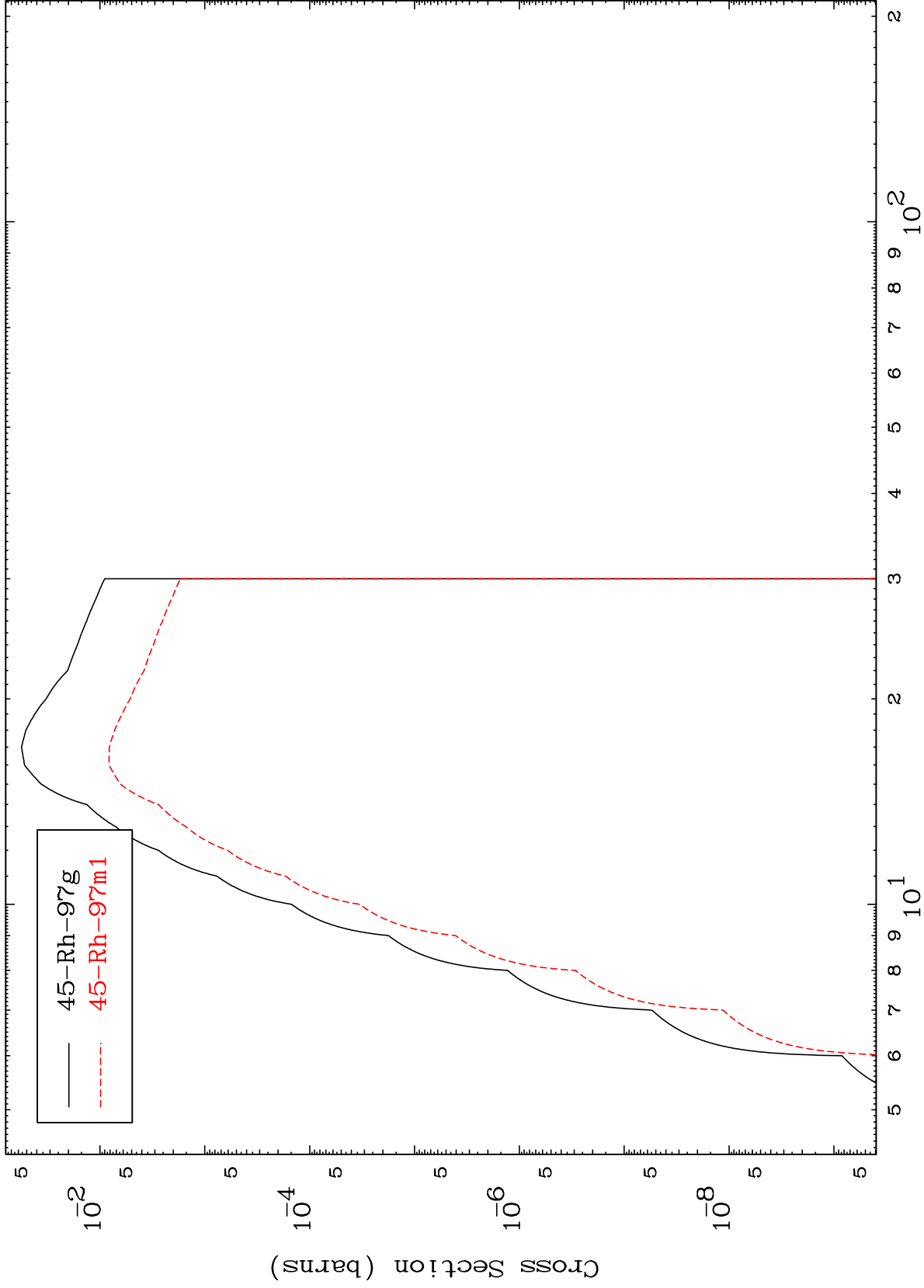


MAT 4317

(n,2n)

43-Tc-96m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

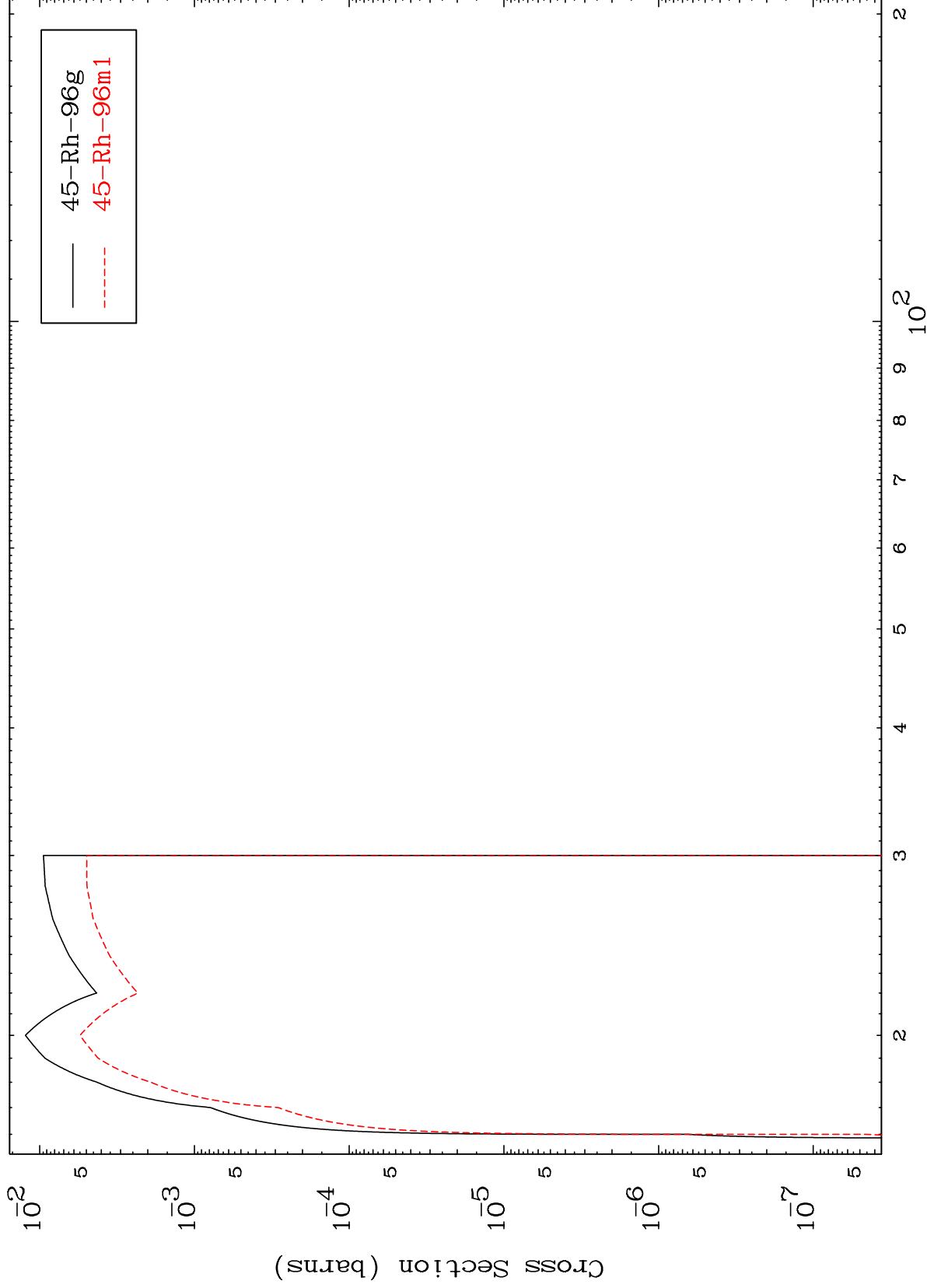
43-Tc-96m

MAT 4317

(n,3n)

43-Tc-96m

Radionuclide Production Cross Section



14

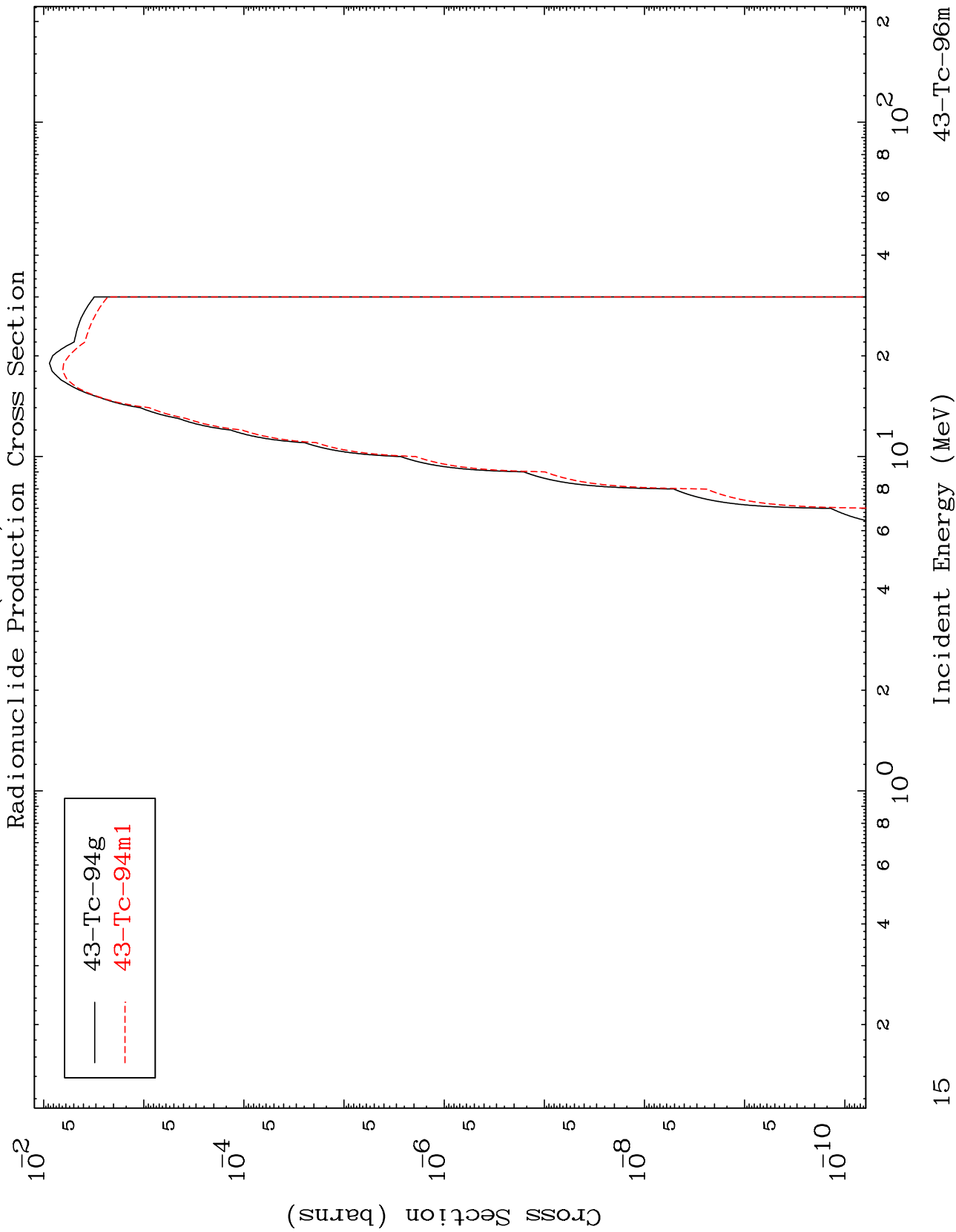
Incident Energy (MeV)

43-Tc-96m

MAT 4317

(n,n') α

43-Tc-96m

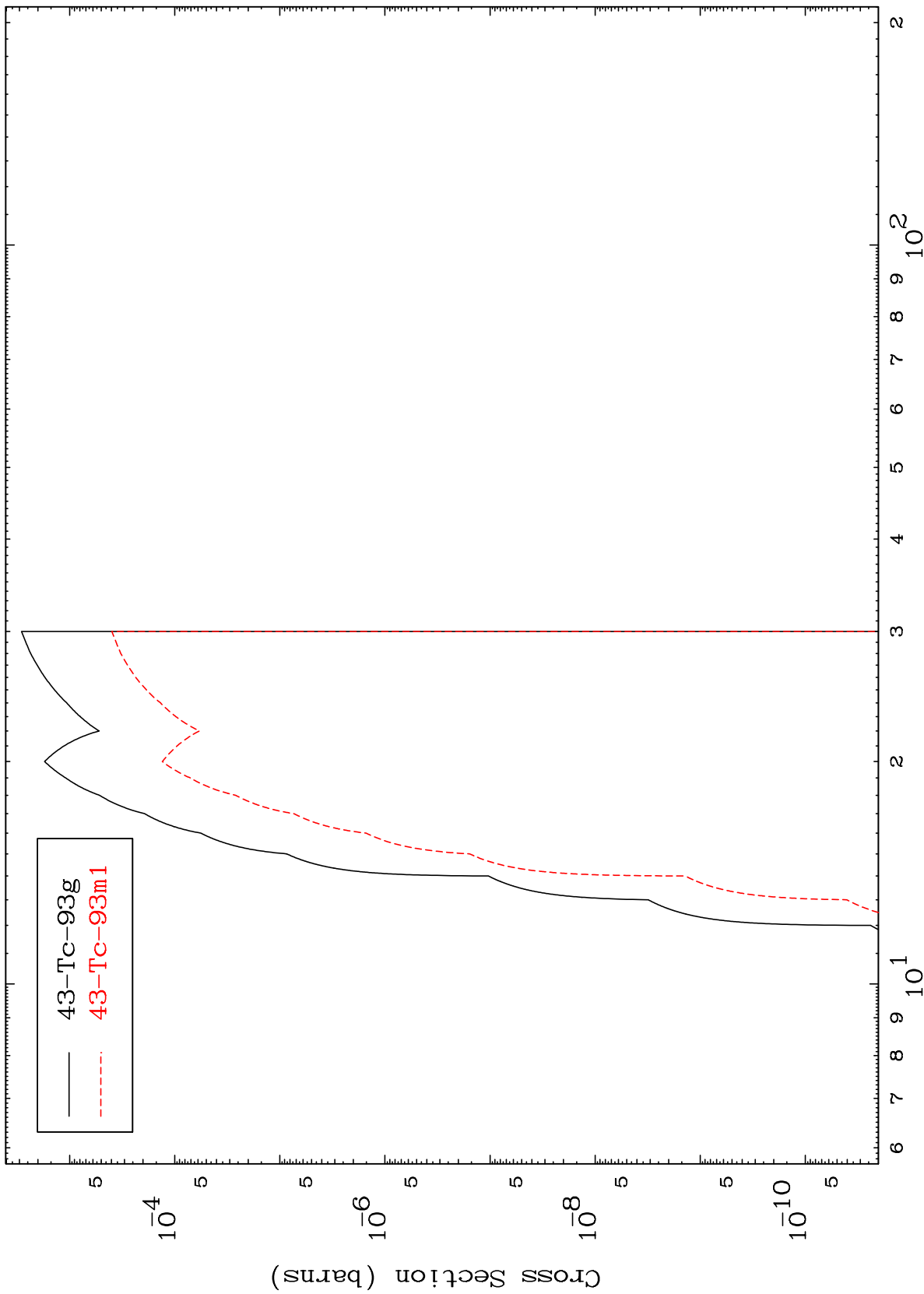


MAT 4317

(n,2n) α

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

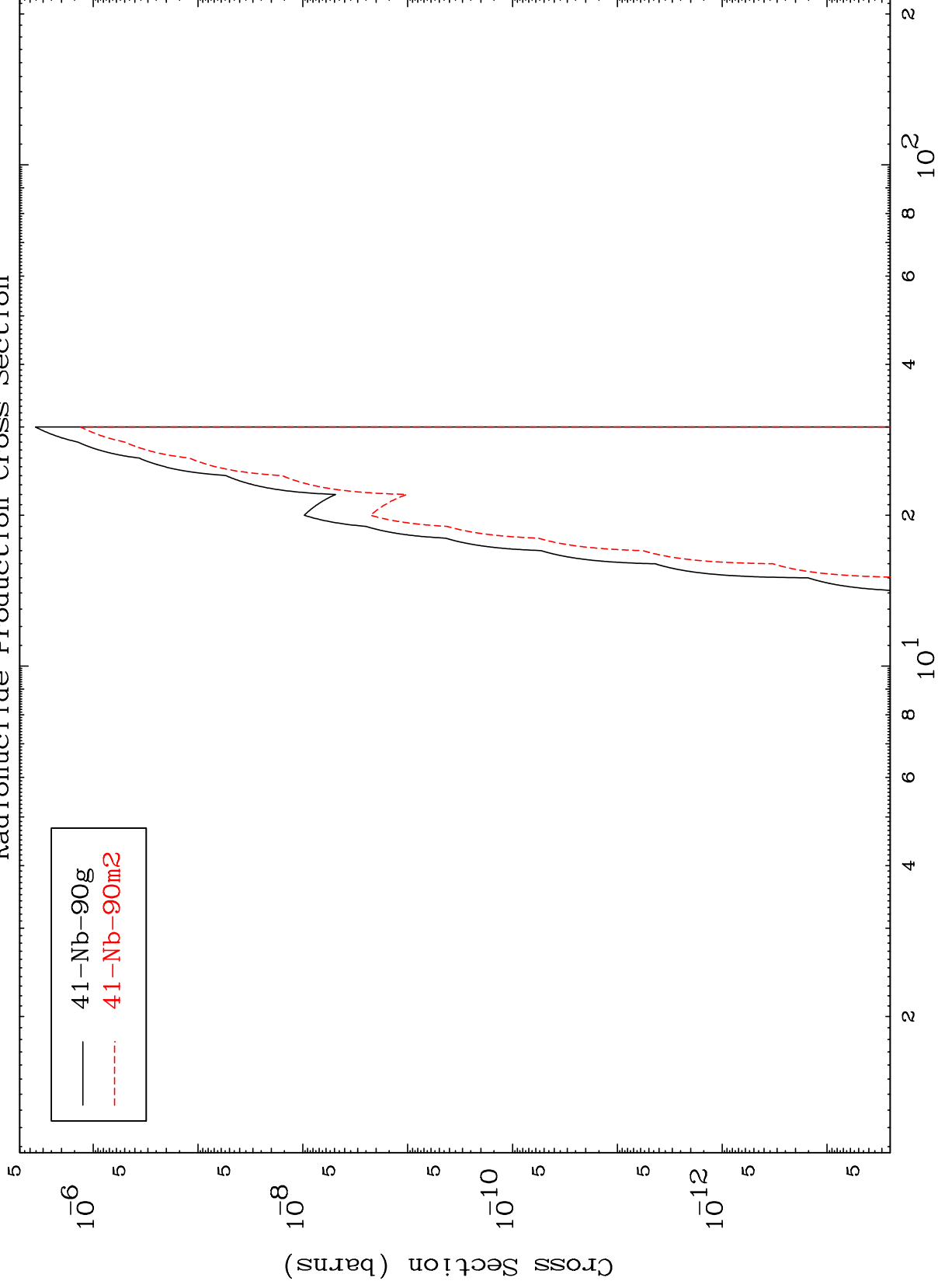
$^{43}\text{Tc-96m}$

MAT 4317

(n,n') 2α

43-Tc-96m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

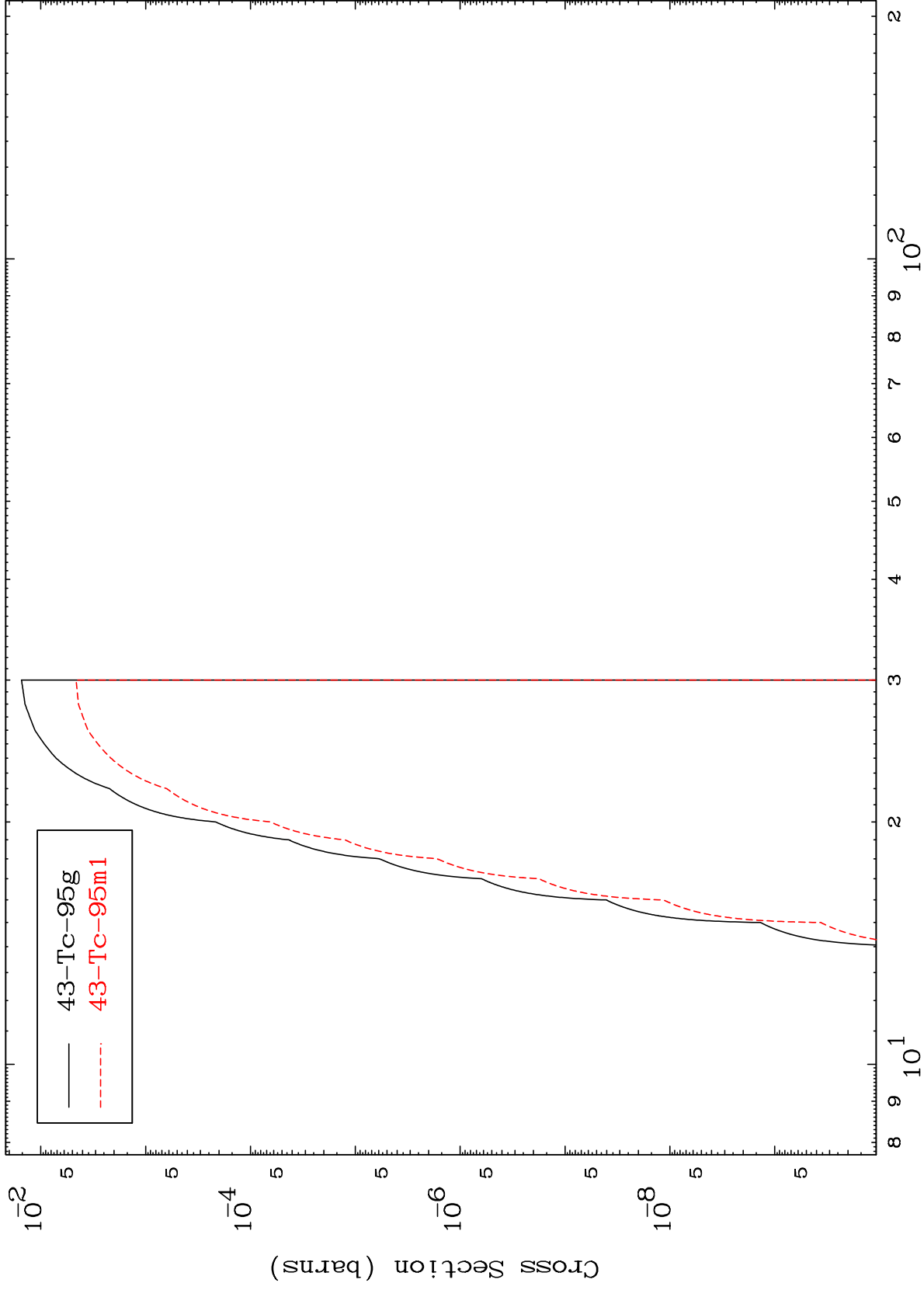
43-Tc-96m

MAT 4317

(n,n') He-3

43-Tc-96m

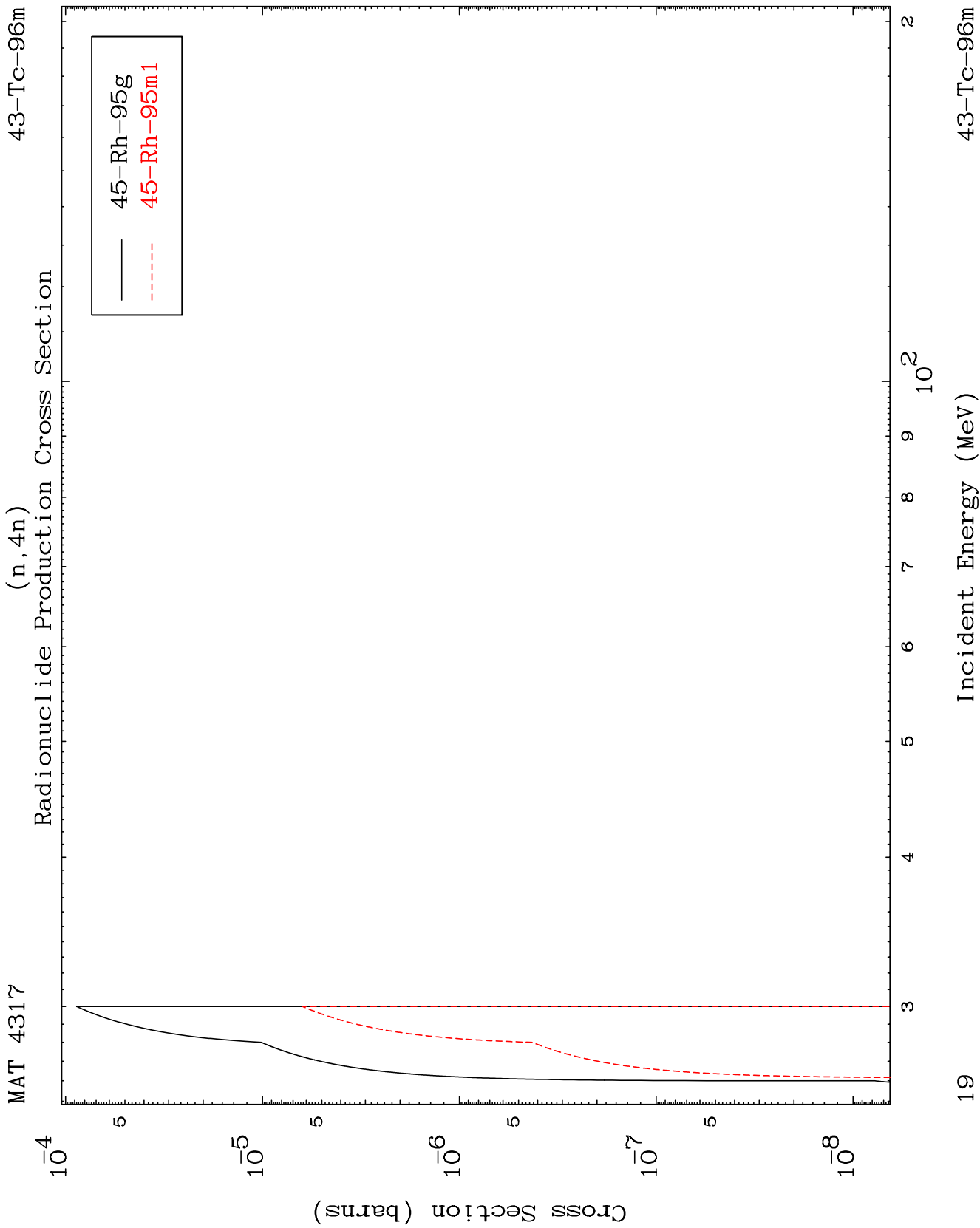
Radionuclide Production Cross Section



18

Incident Energy (MeV)

43-Tc-96m

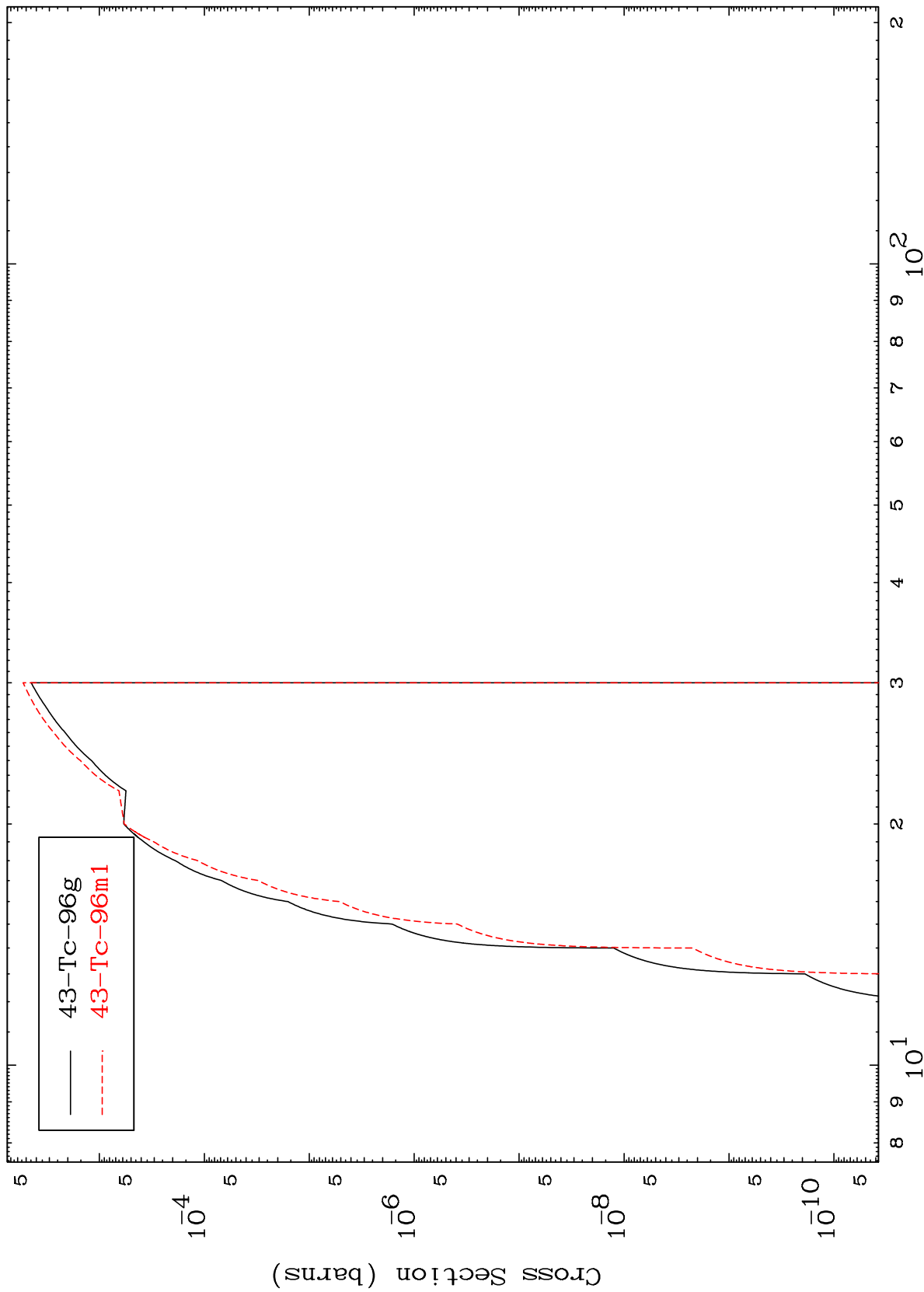


MAT 4317

(n,2n) p

⁴³Tc-96m

Radionuclide Production Cross Section



Incident Energy (MeV)

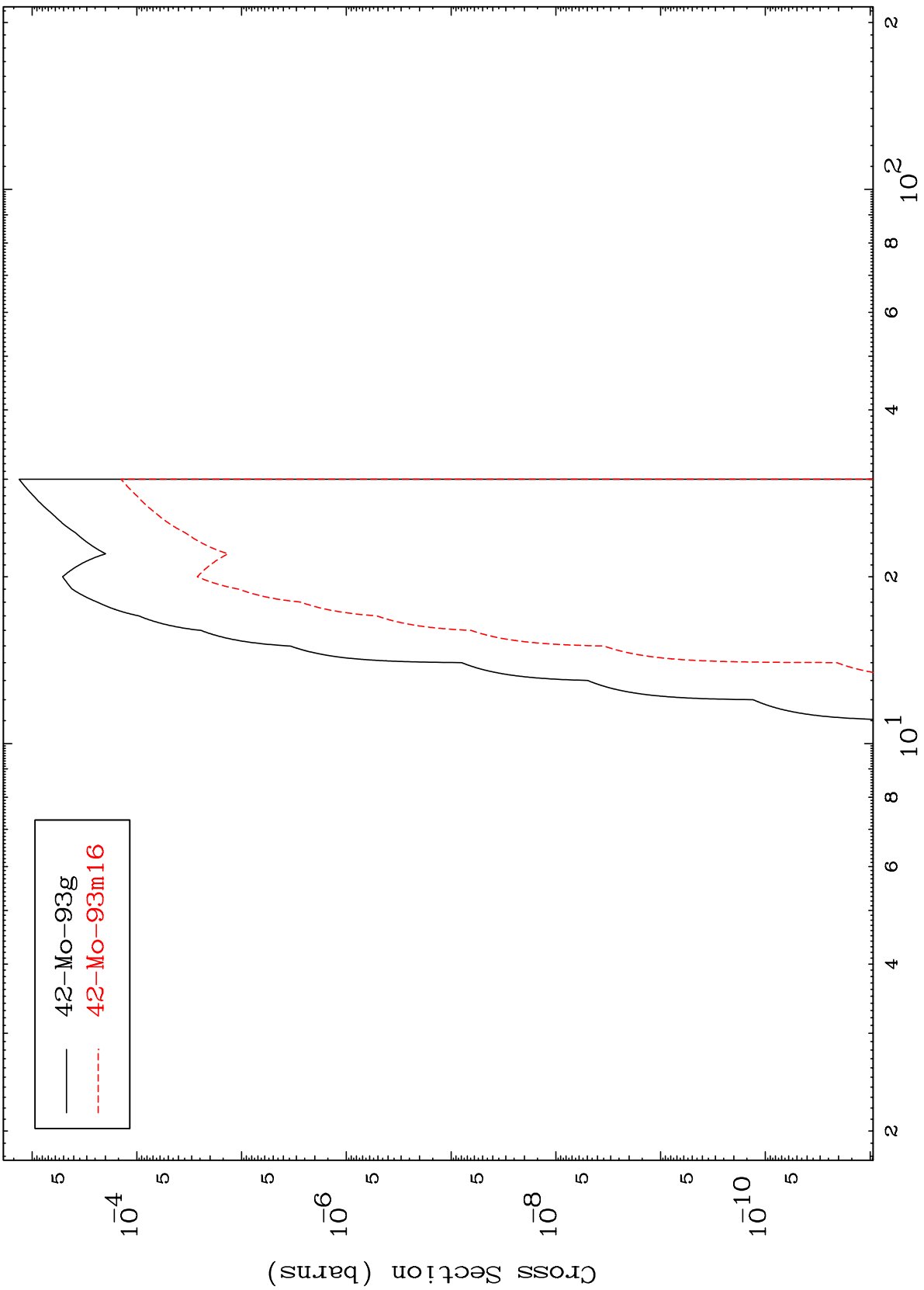
⁴³Tc-96m

20

MAT 4317

⁴³Tc-96m

Radionuclide Production Cross Section

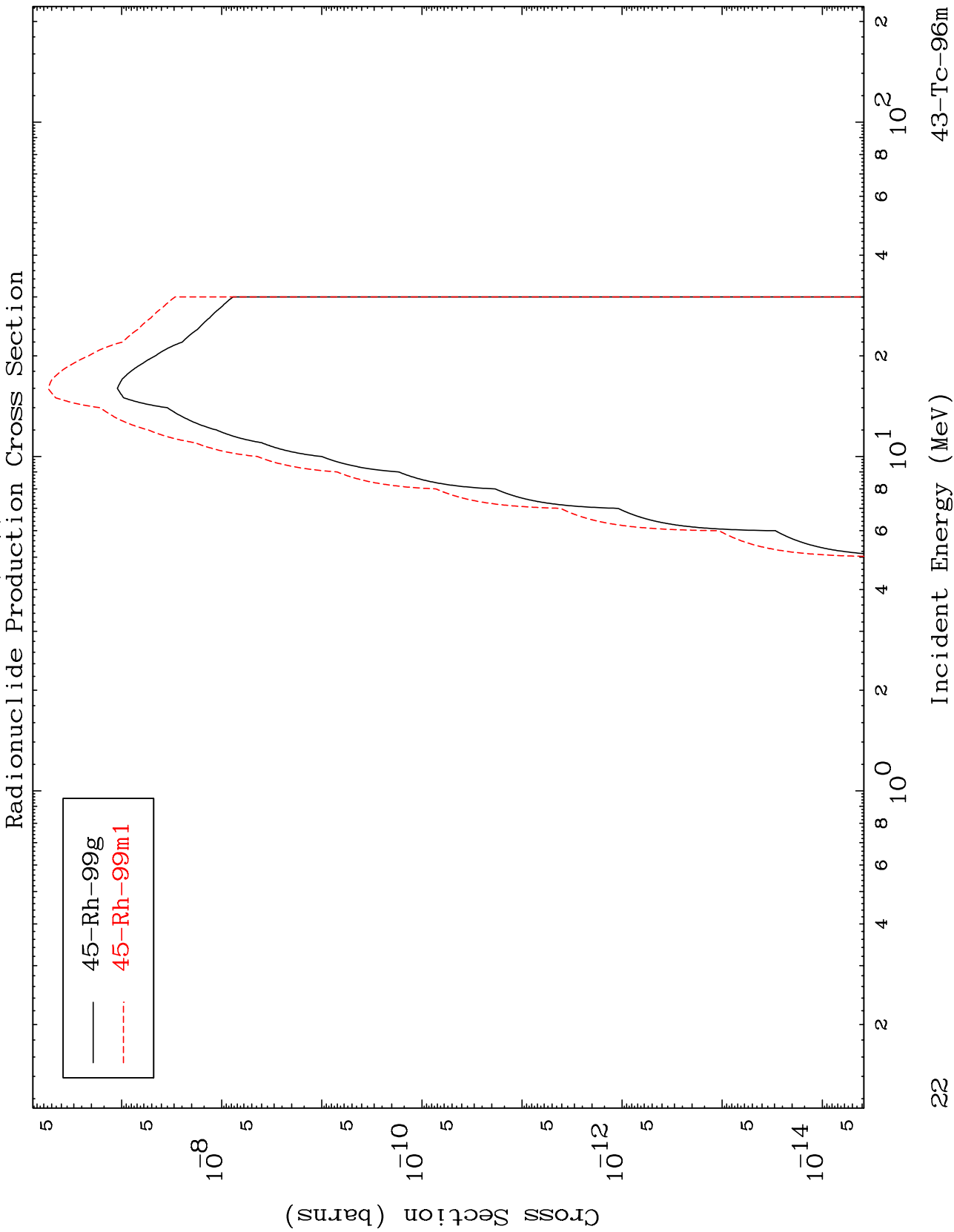


⁴³Tc-96m

Incident Energy (MeV)

MAT 4317

43-Tc-96m

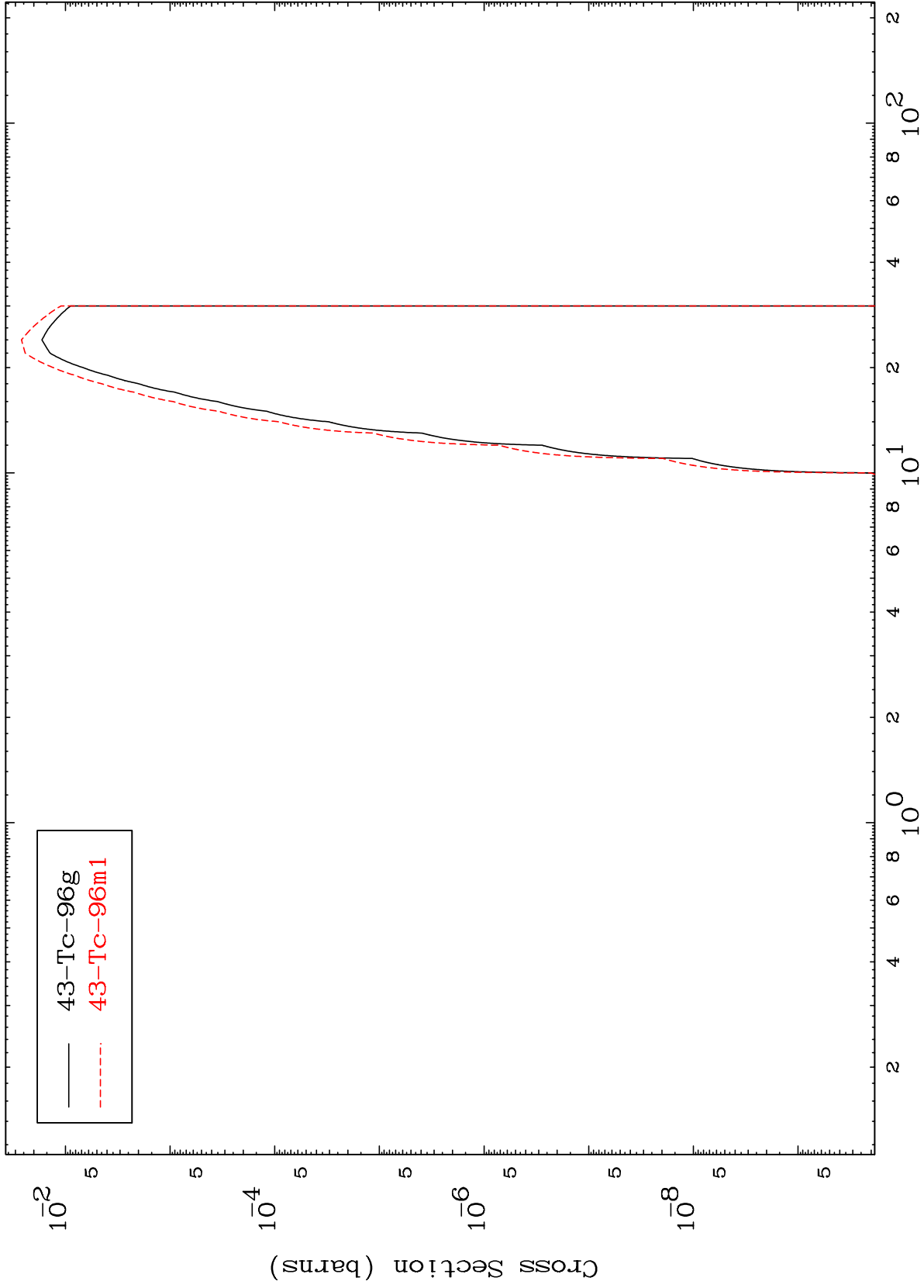


MAT 4317

(n,He-3)

43-Tc-96m

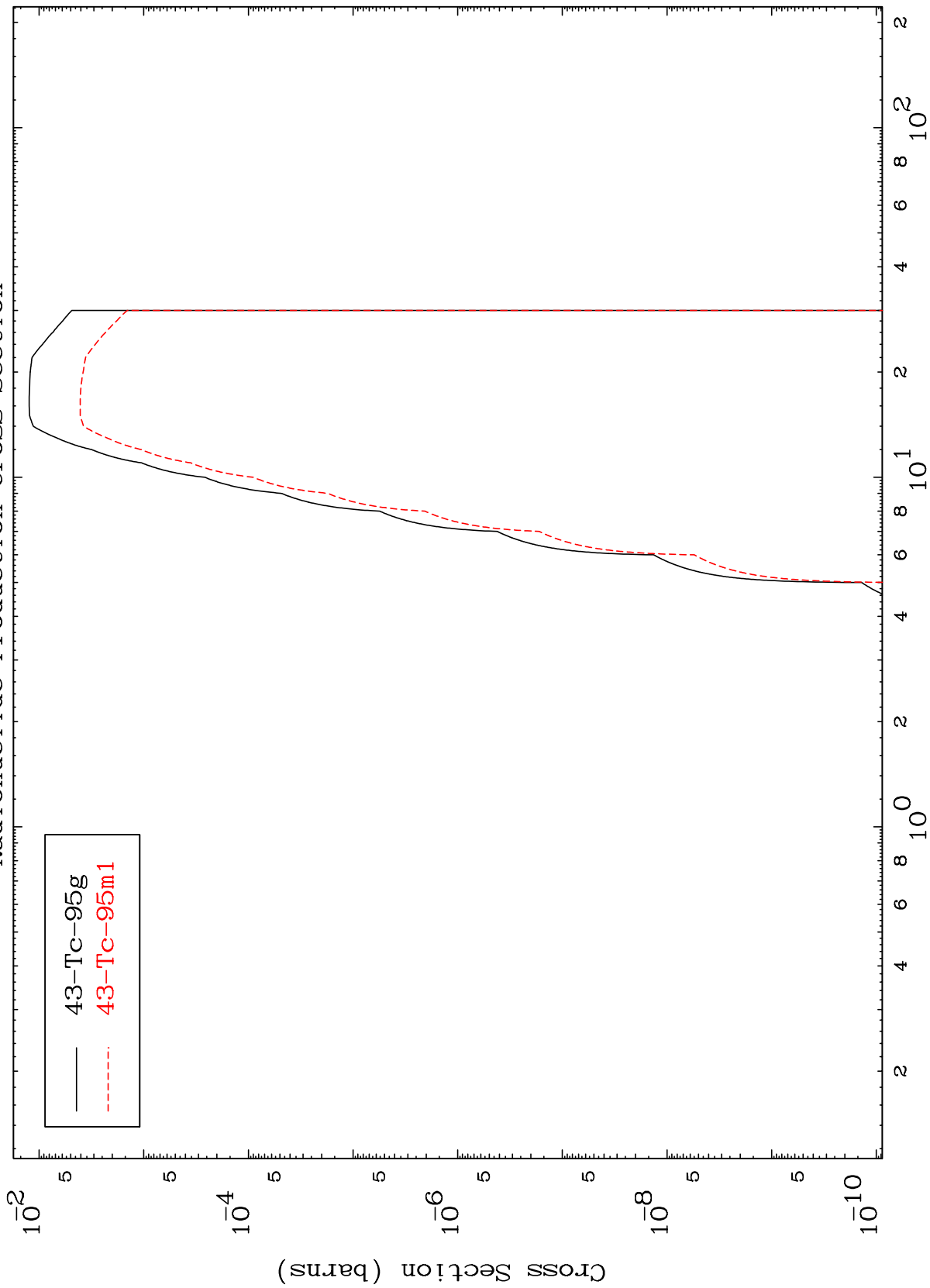
Radionuclide Production Cross Section



MAT 4317

43-Tc-96m

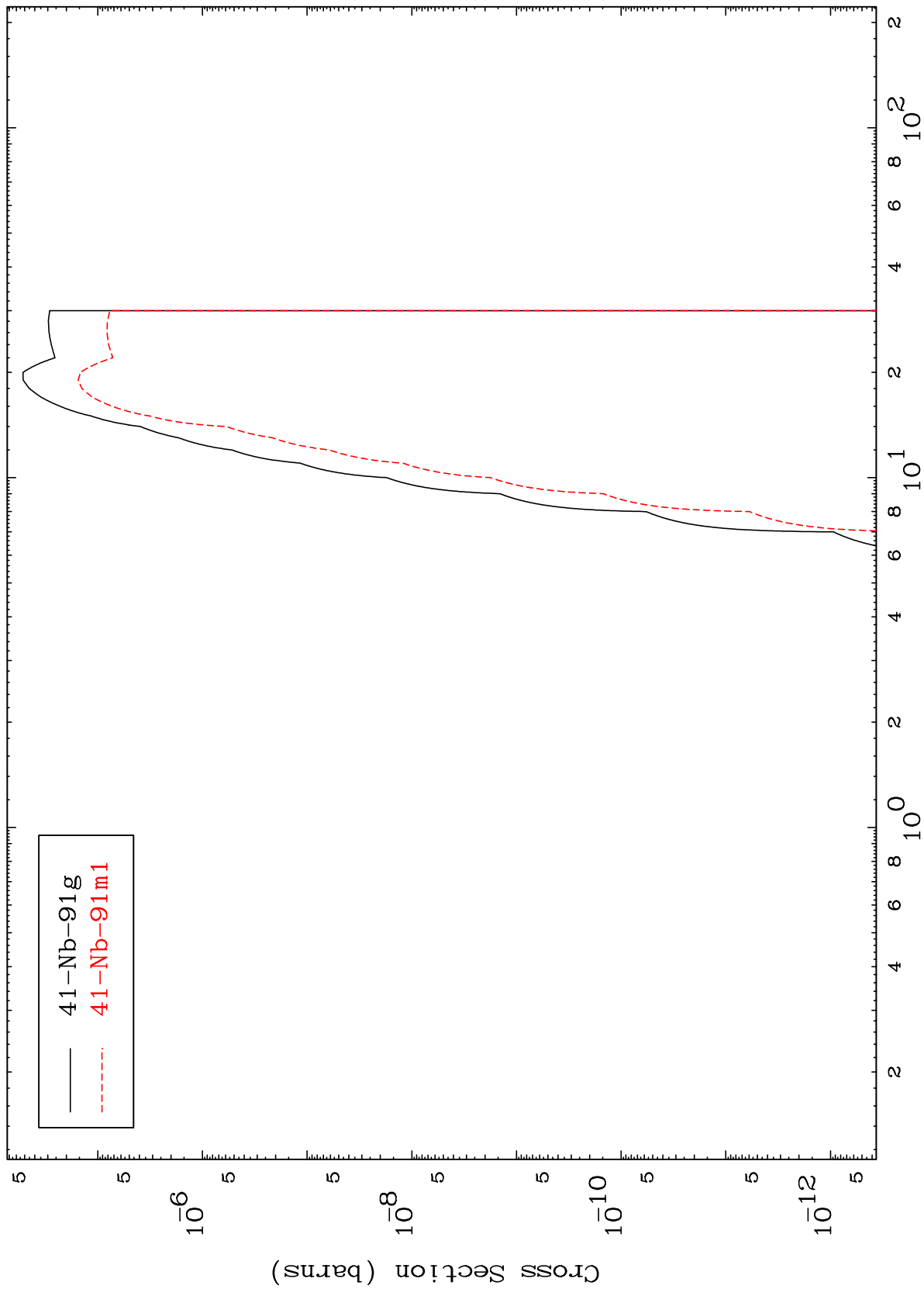
Radionuclide Production Cross Section



MAT 4317

43-Tc-96m

(n,2α)
Radionuclide Production Cross Section



43-Tc-96m

Incident Energy (MeV)

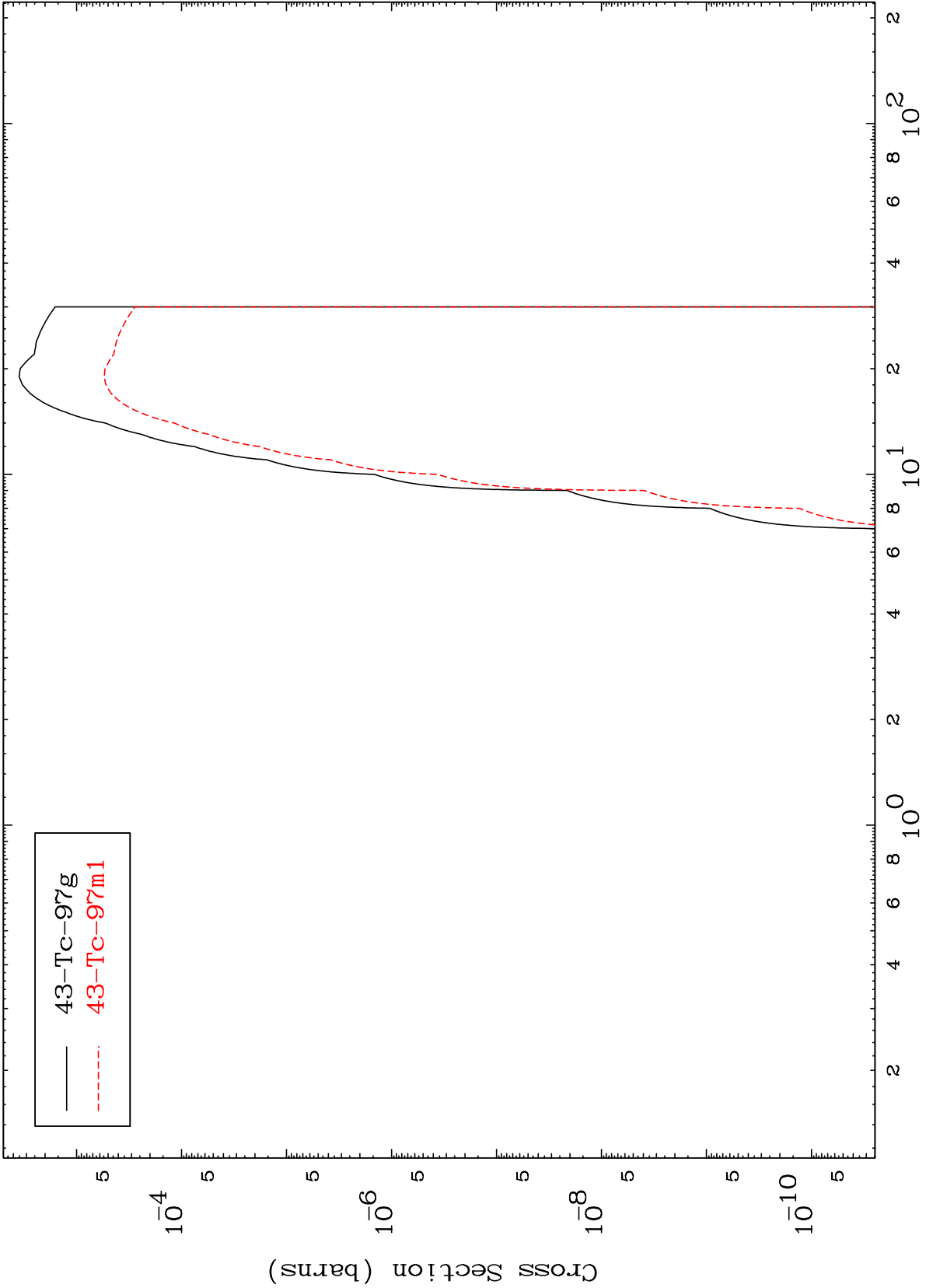
25

MAT 4317

(n,2p)

43-Tc-96m

Radionuclide Production Cross Section

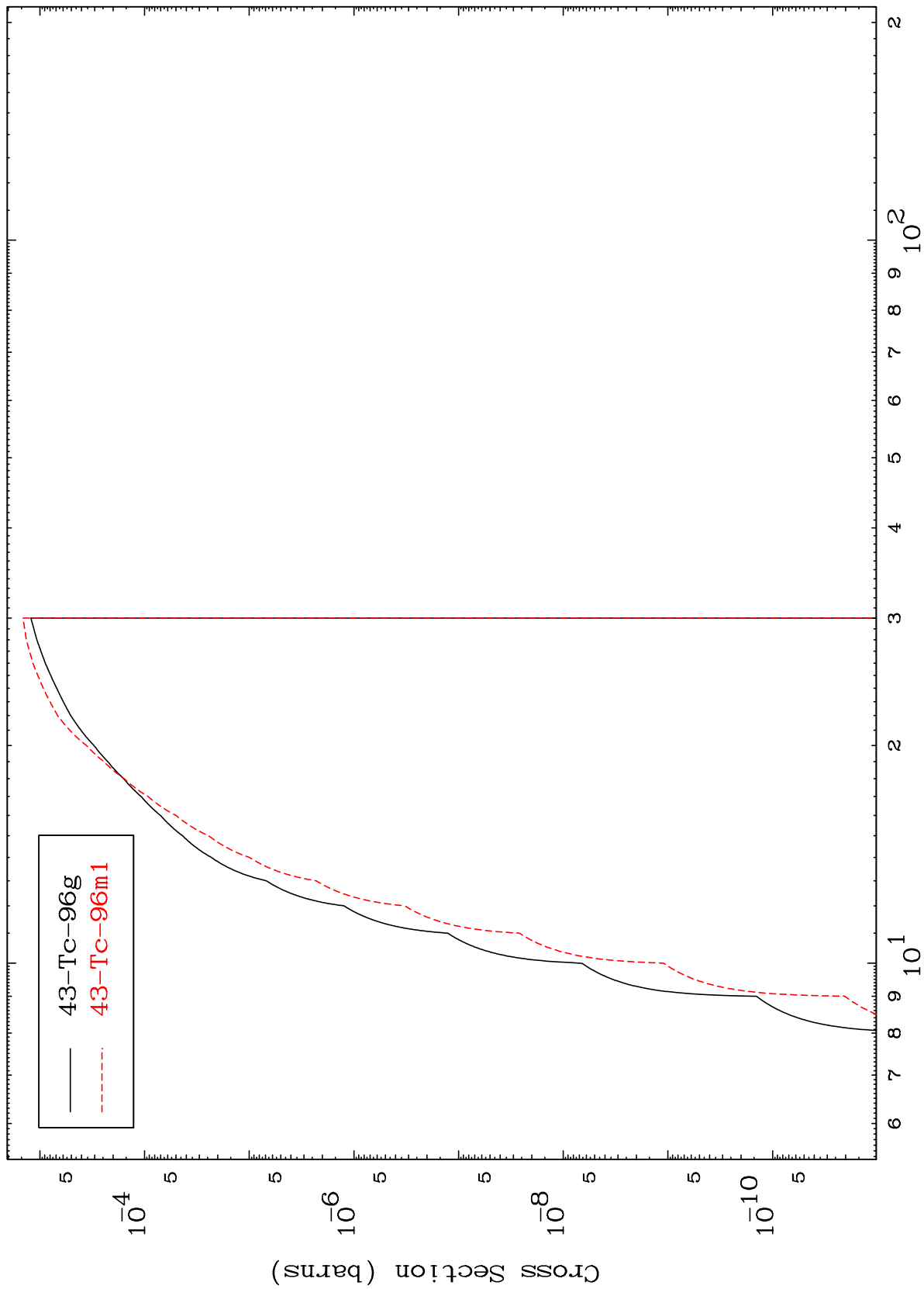


MAT 4317

(n,p) d

⁴³Tc-96m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

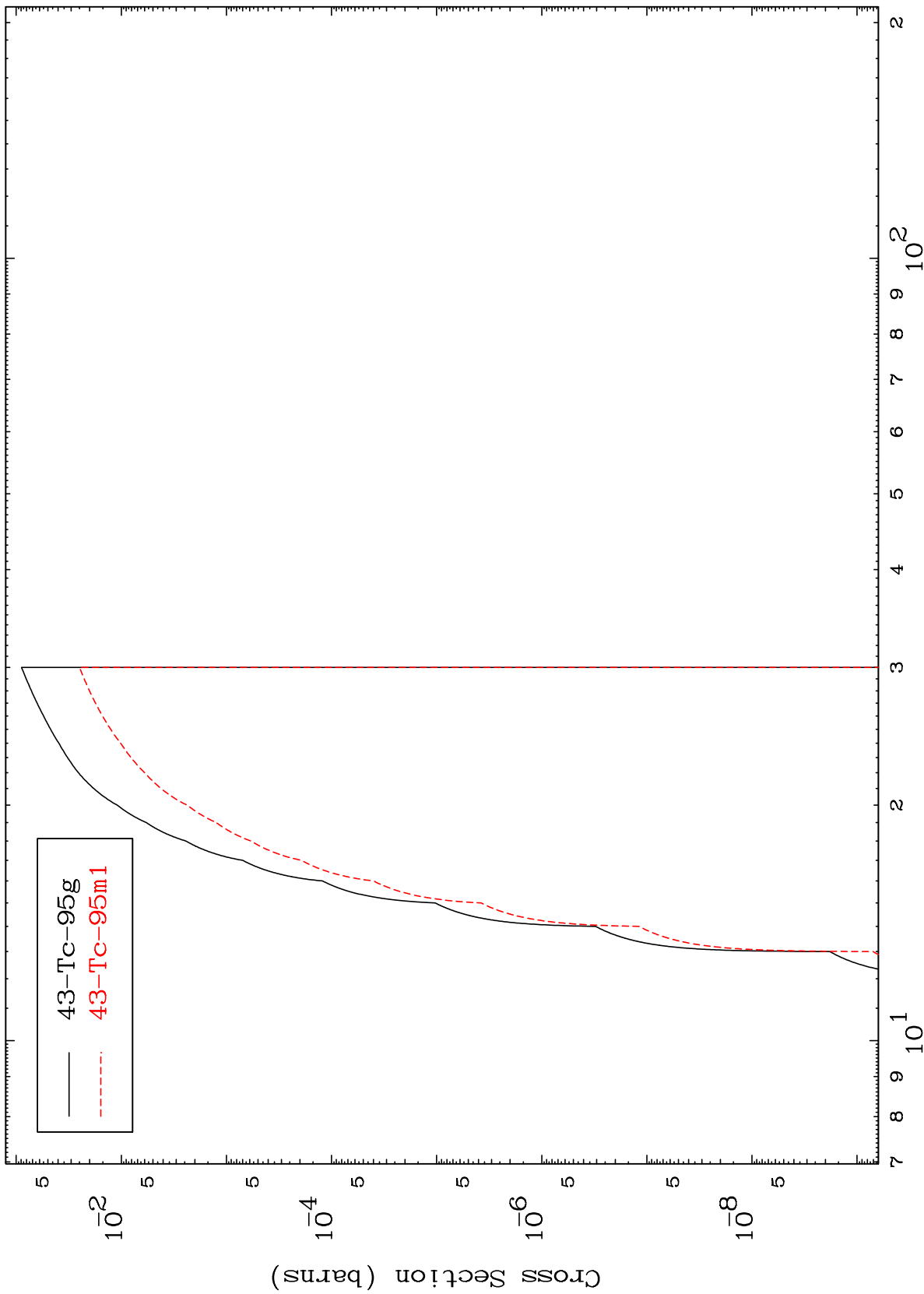
⁴³Tc-96m

MAT 4317

(n,p) t

43-Tc-96m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

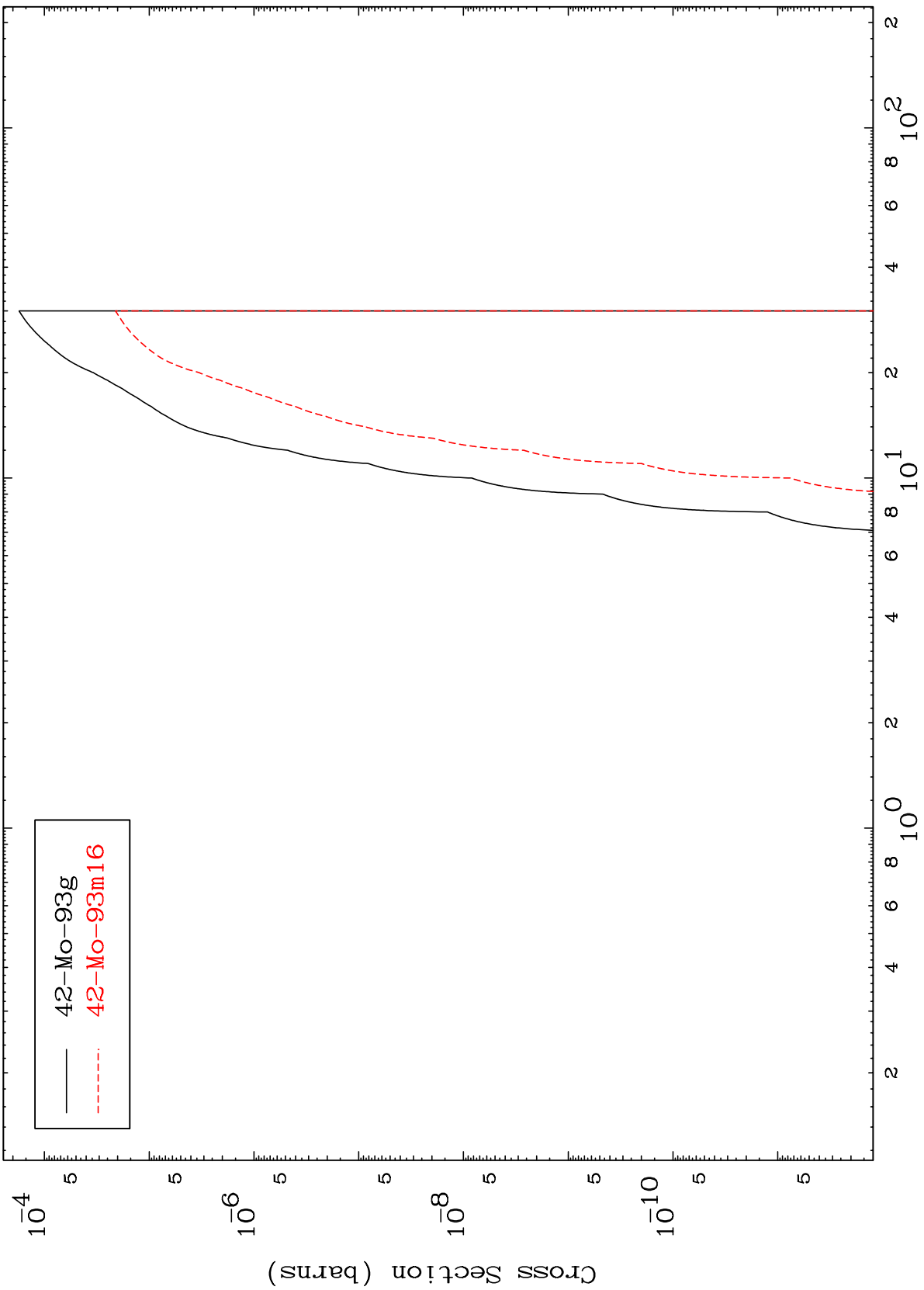
43-Tc-96m

MAT 4317

(n,d) α

43-Tc-96m

Radionuclide Production Cross Section



42-Mo-93g
42-Mo-93m16