

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

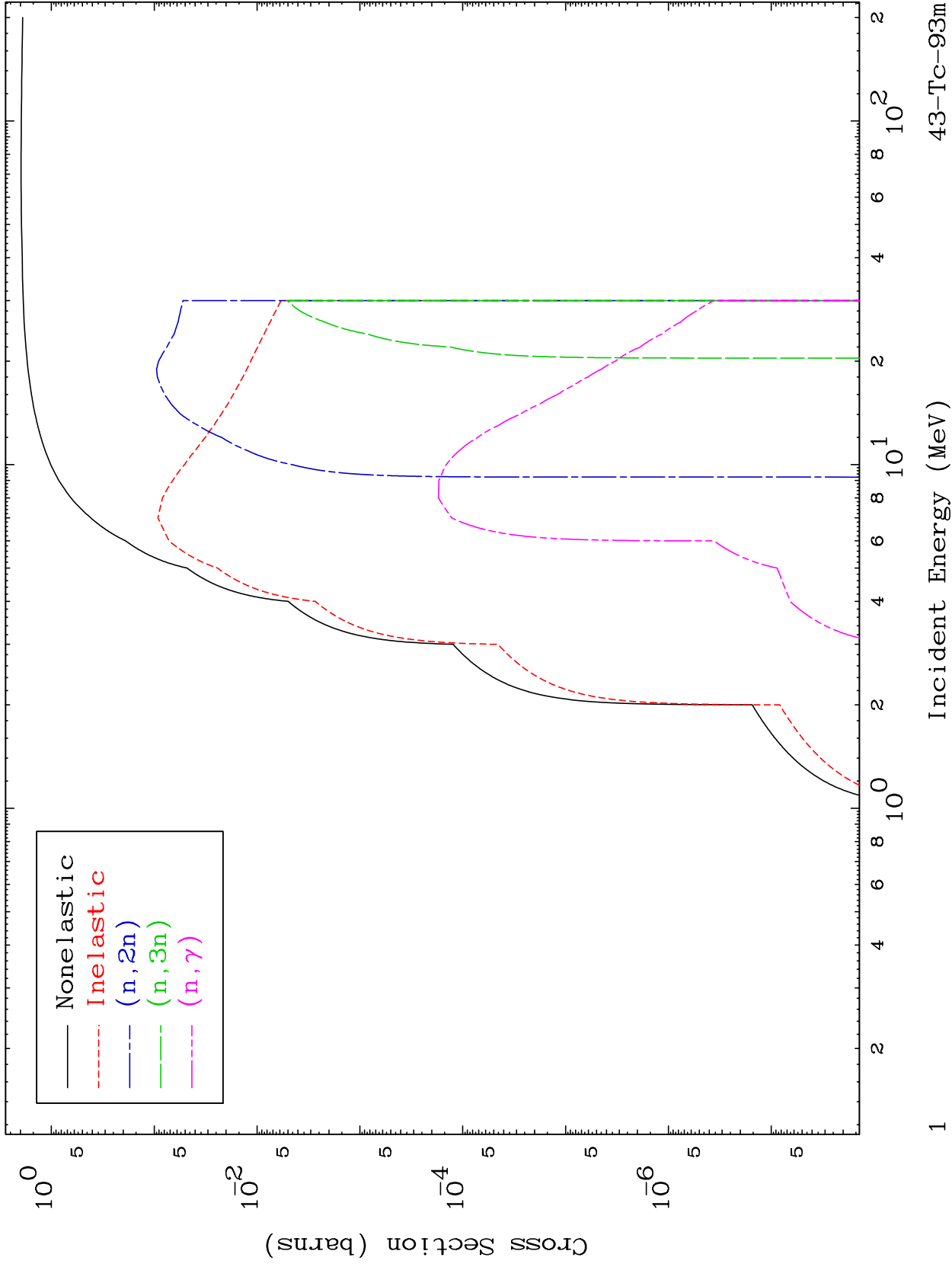
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4308

Deuteron Major
0 Kelvin Cross Sections

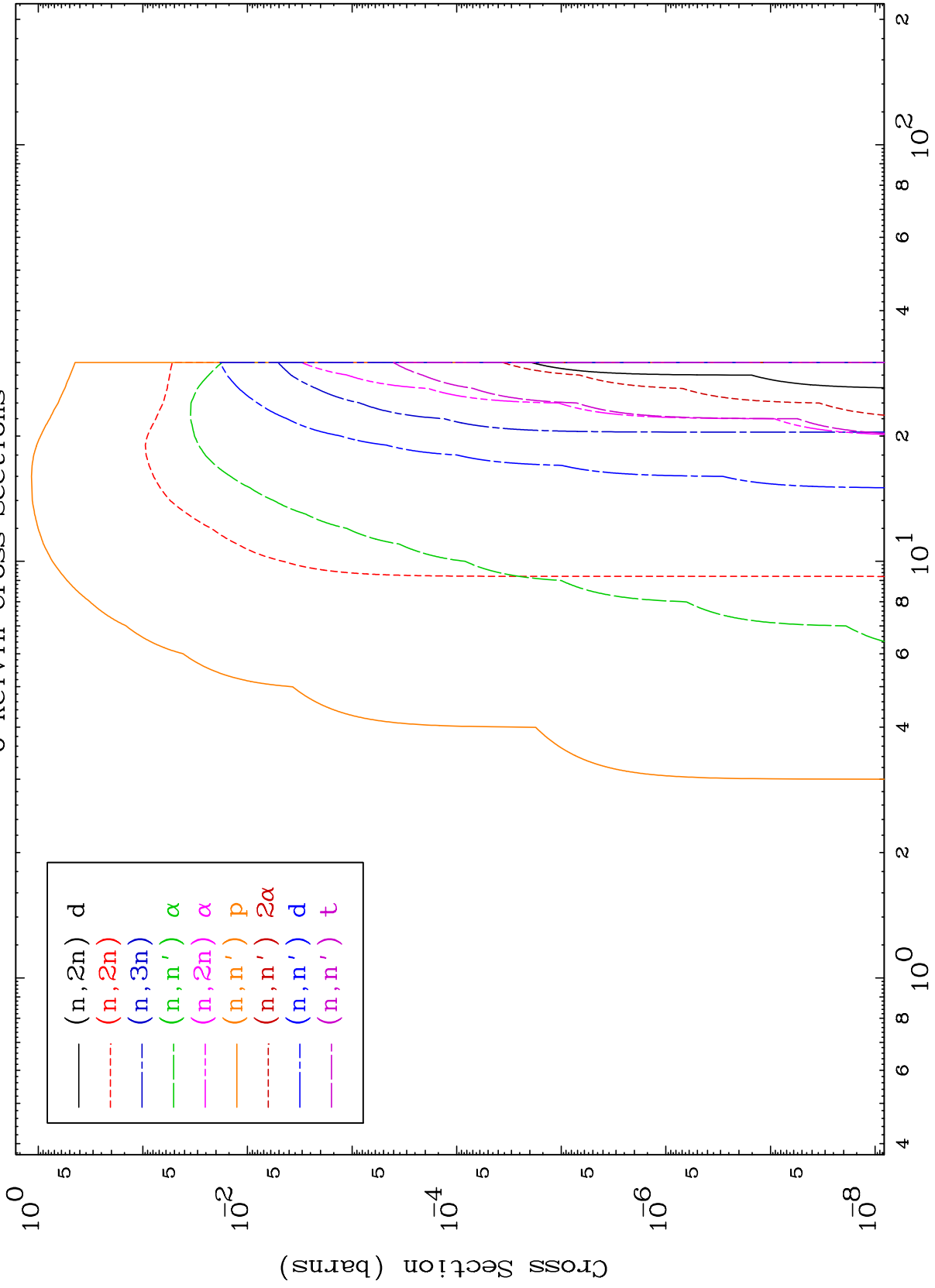
43-Tc-93m



MAT 4308

Deuteron Neutron Absorption
0 Kelvin Cross Sections

43-Tc-93m



2

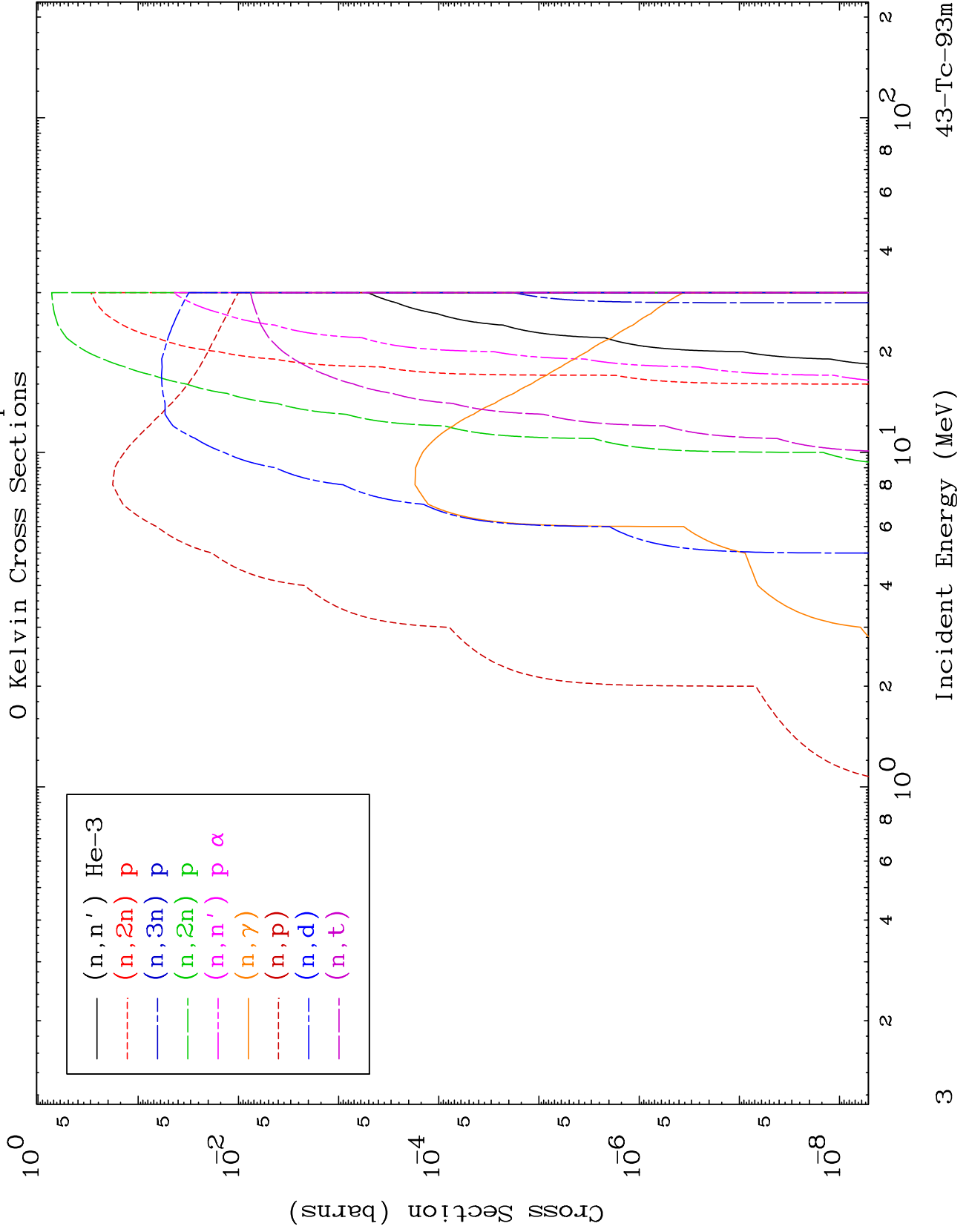
Incident Energy (MeV)

43-Tc-93m

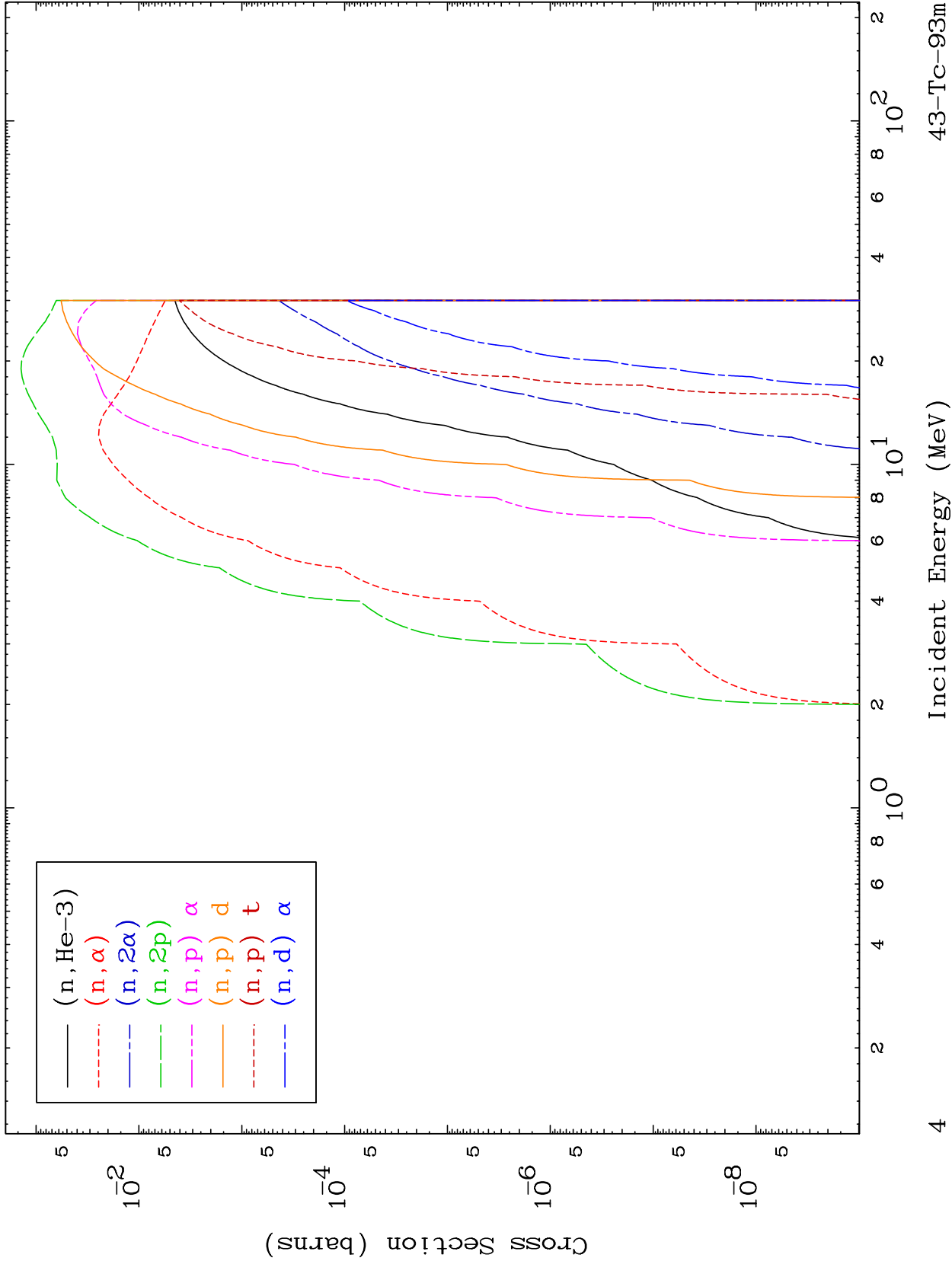
MAT 4308

Deuteron Neutron Absorption
0 Kelvin Cross Sections

43-Tc-93m



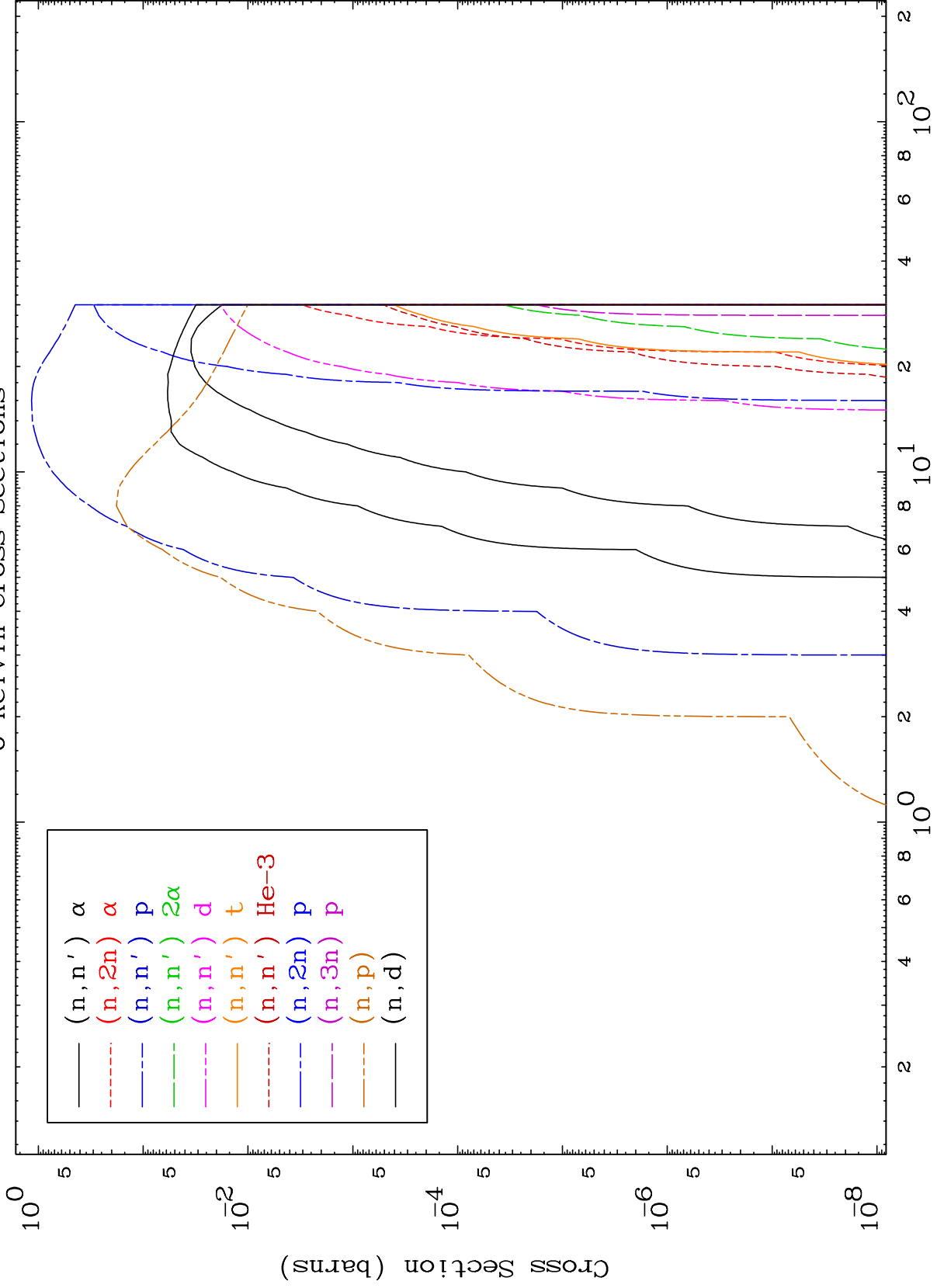
Deuteron Neutron Absorption
0 Kelvin Cross Sections



MAT 4308

Deuteron Charged Particle
0 Kelvin Cross Sections

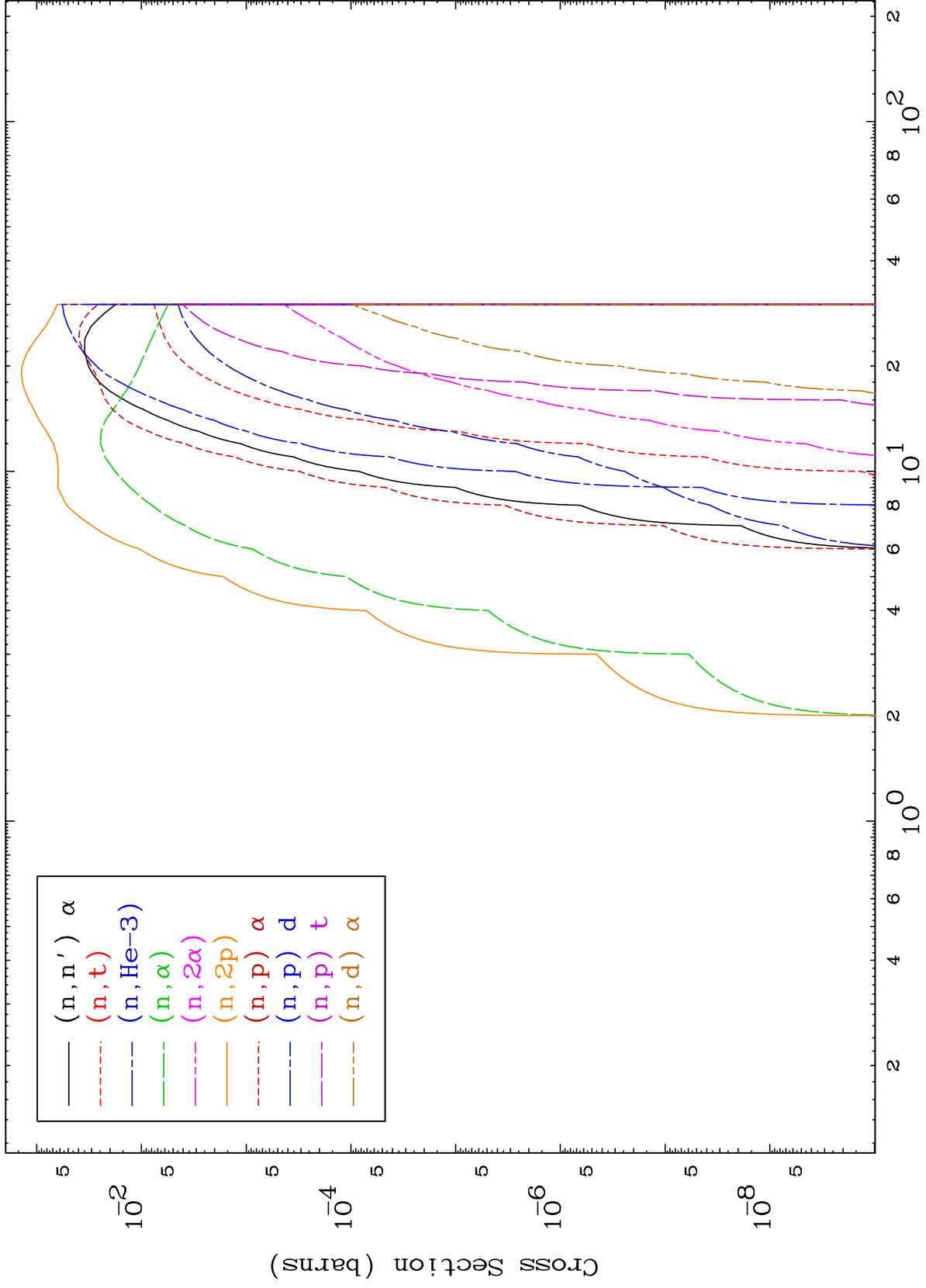
43-Tc-93m



MAT 4308

Deuteron Charged Particle
0 Kelvin Cross Sections

43-Tc-93m

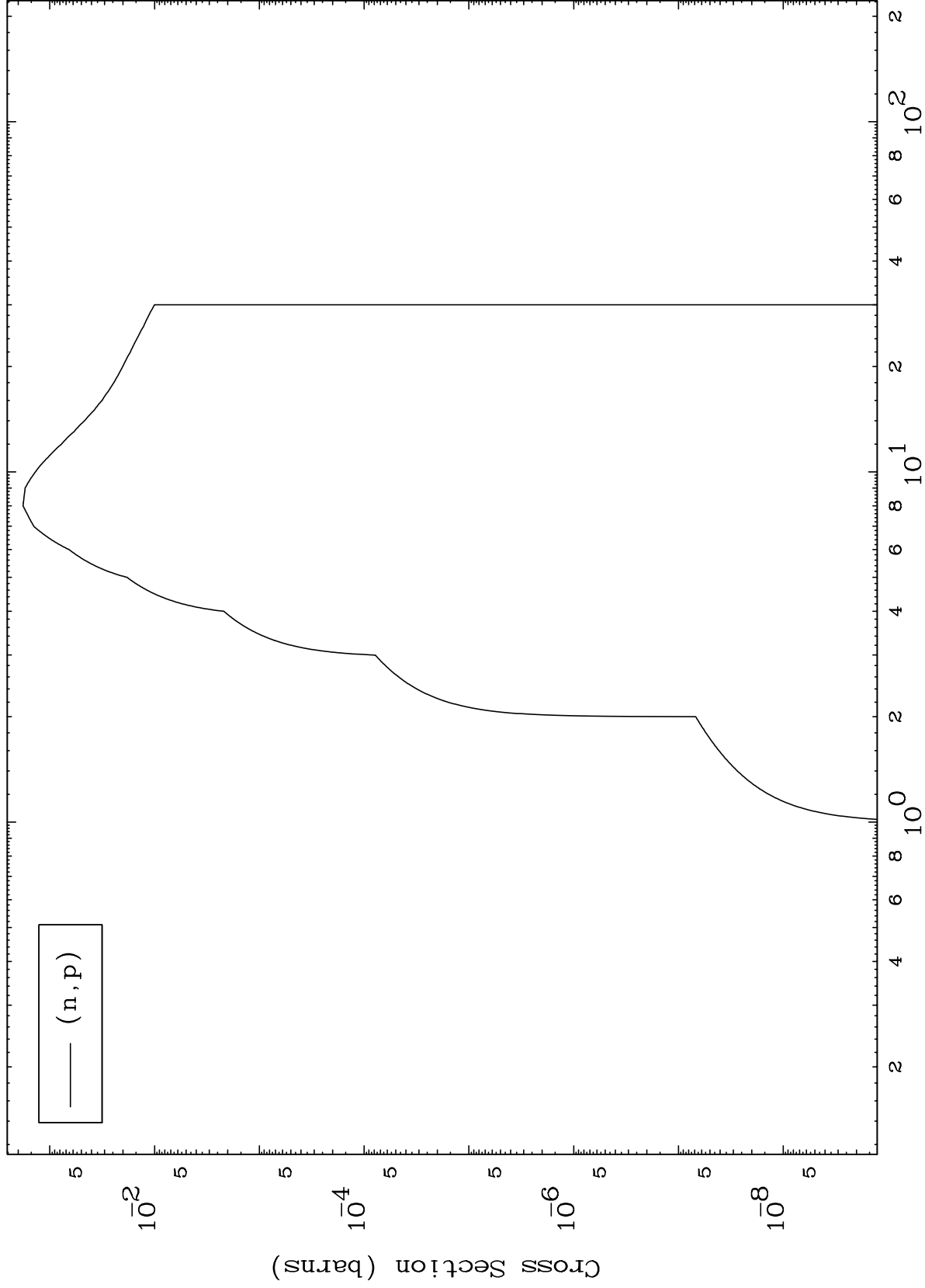


MAT 4308

(d,p) Levels

43-Tc-93m

0 Kelvin Cross Sections



43-Tc-93m

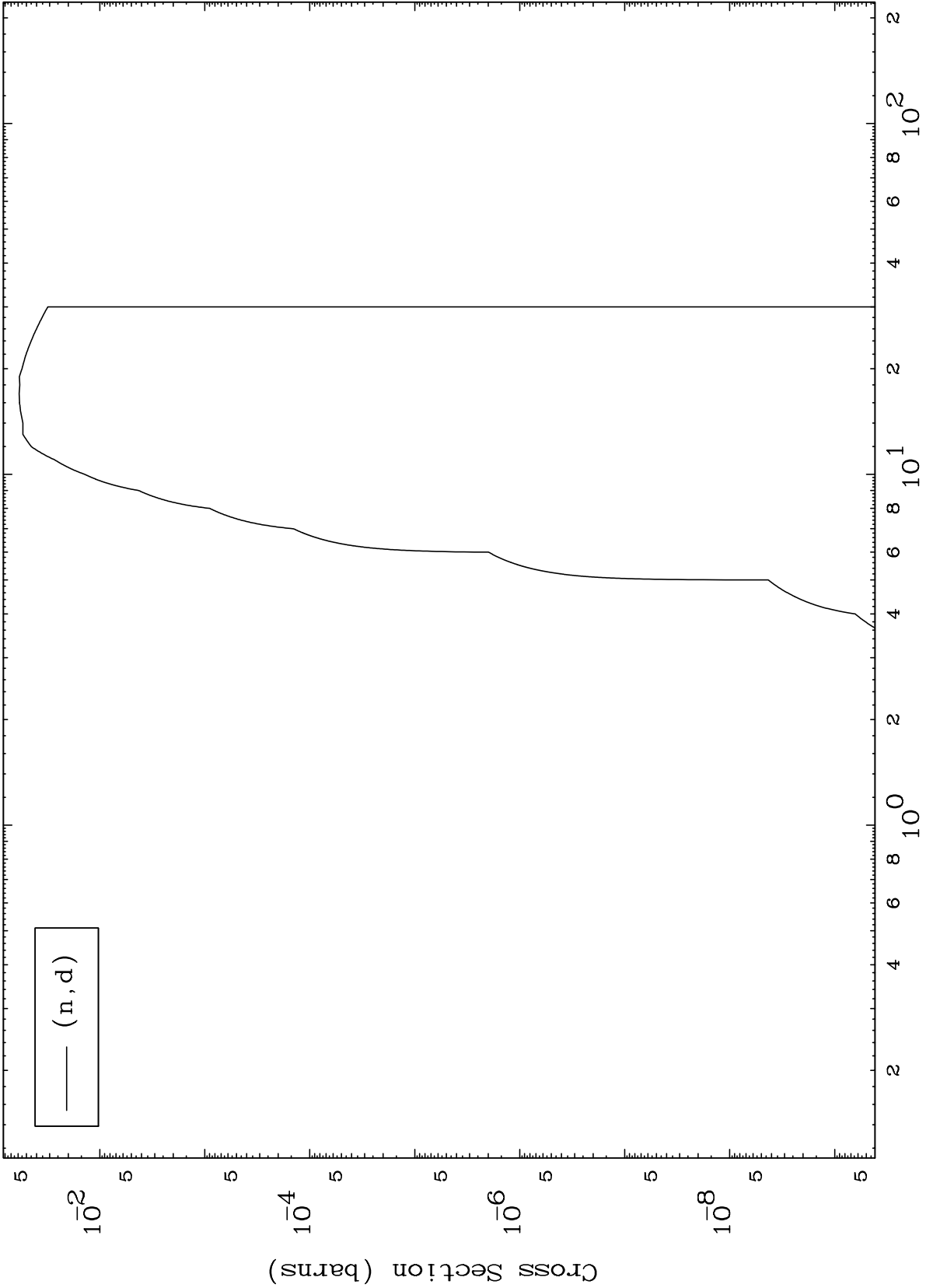
Incident Energy (MeV)

MAT 4308

(d,d) Levels

43-Tc-93m

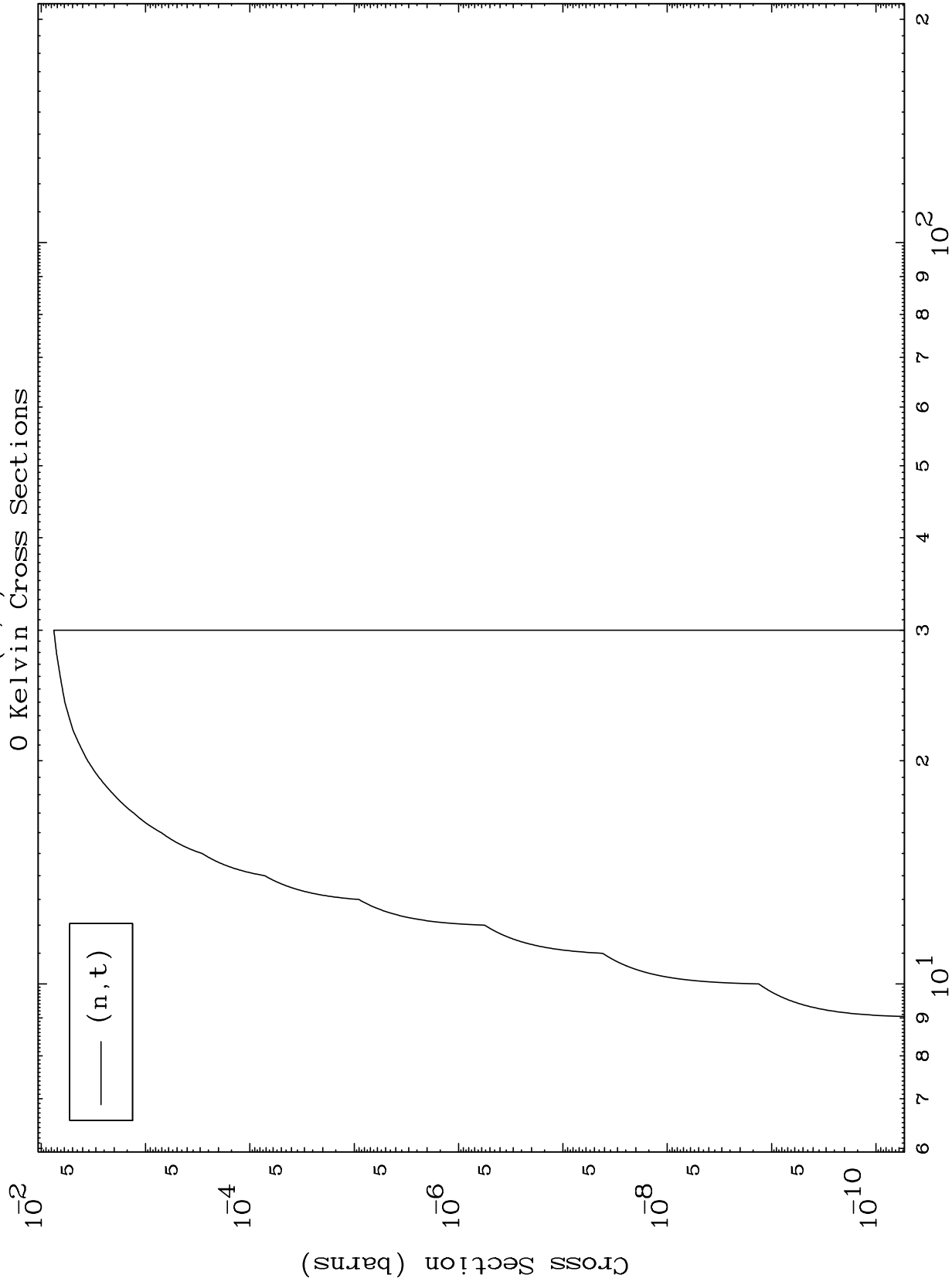
0 Kelvin Cross Sections



MAT 4308

(d, t) Levels

43-Tc-93m



9

Incident Energy (MeV)

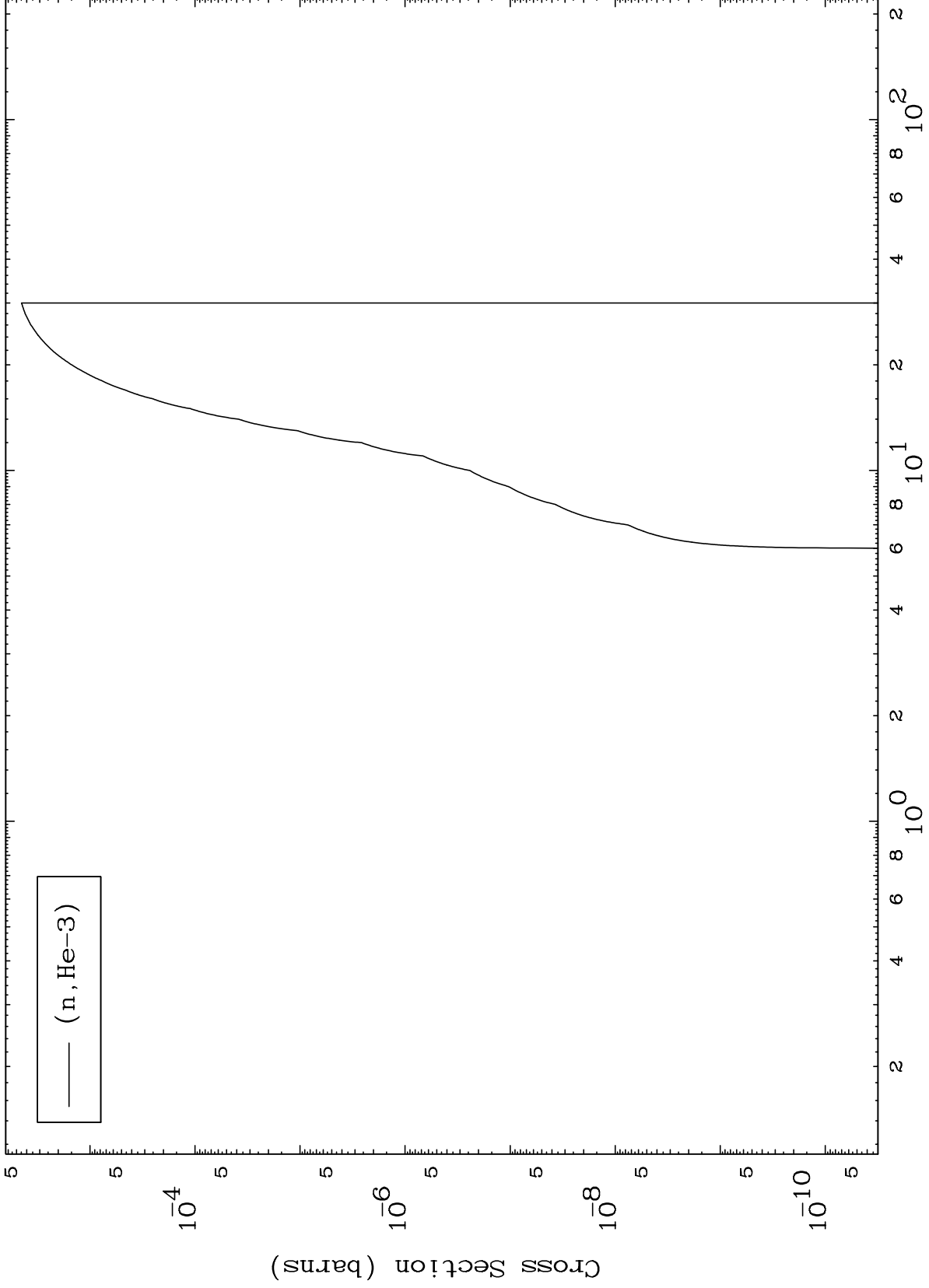
43-Tc-93m

MAT 4308

(d,He3) Levels

43-Tc-93m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

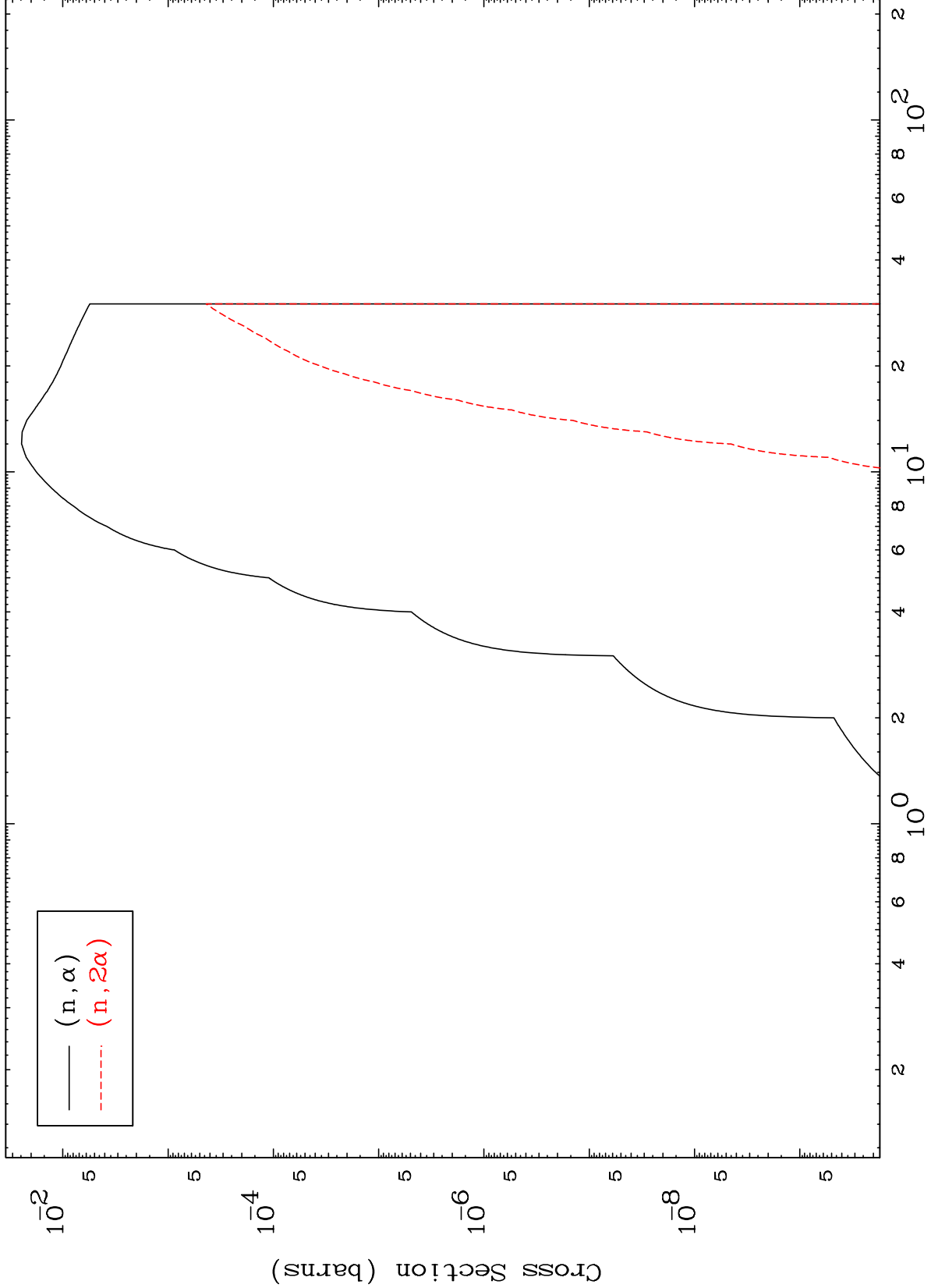
43-Tc-93m

MAT 4308

(d, α) Levels

43-Tc-93m

0 Kelvin Cross Sections

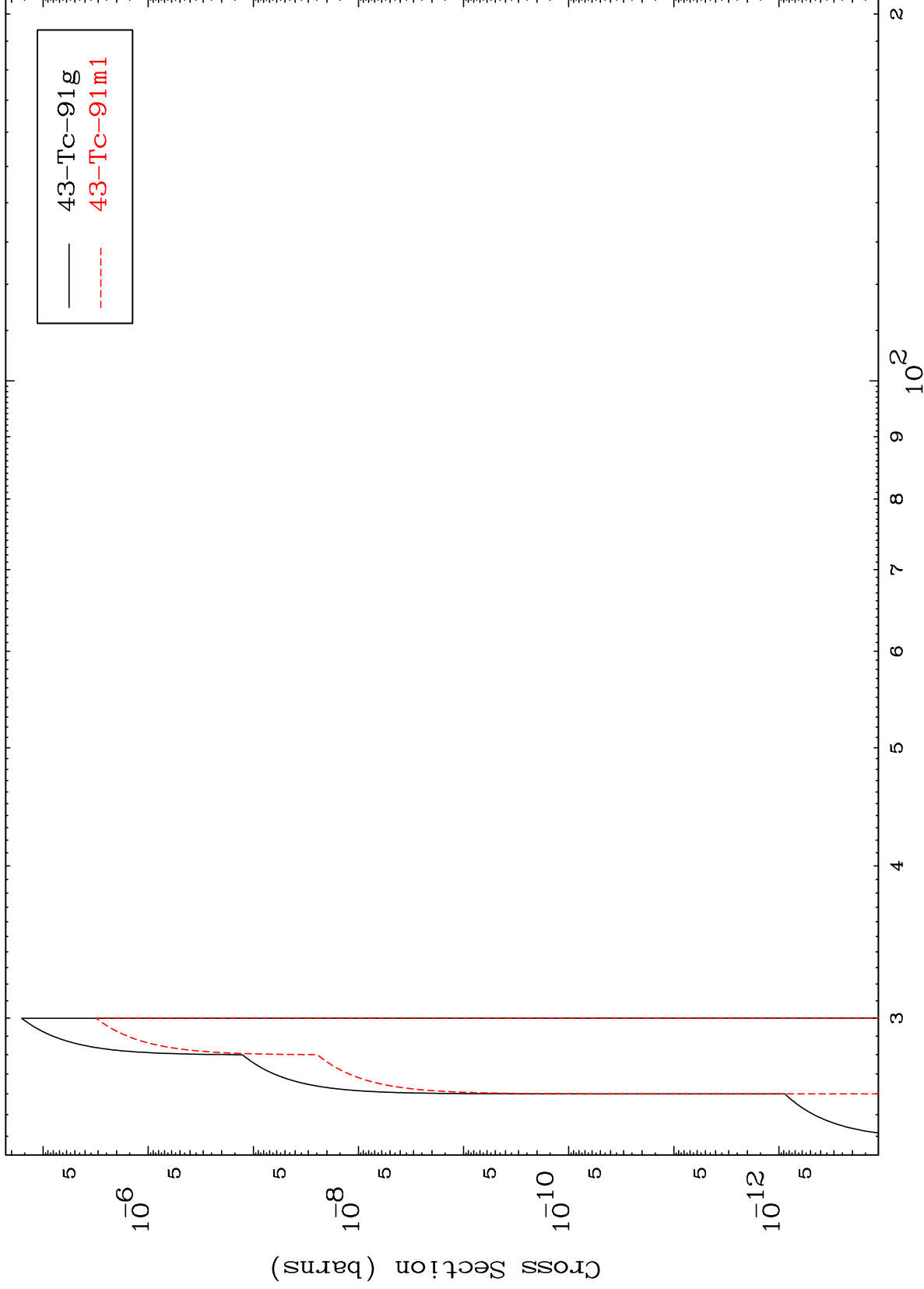


MAT 4308

(n,2n) d

43-Tc-93m

Radionuclide Production Cross Section



12

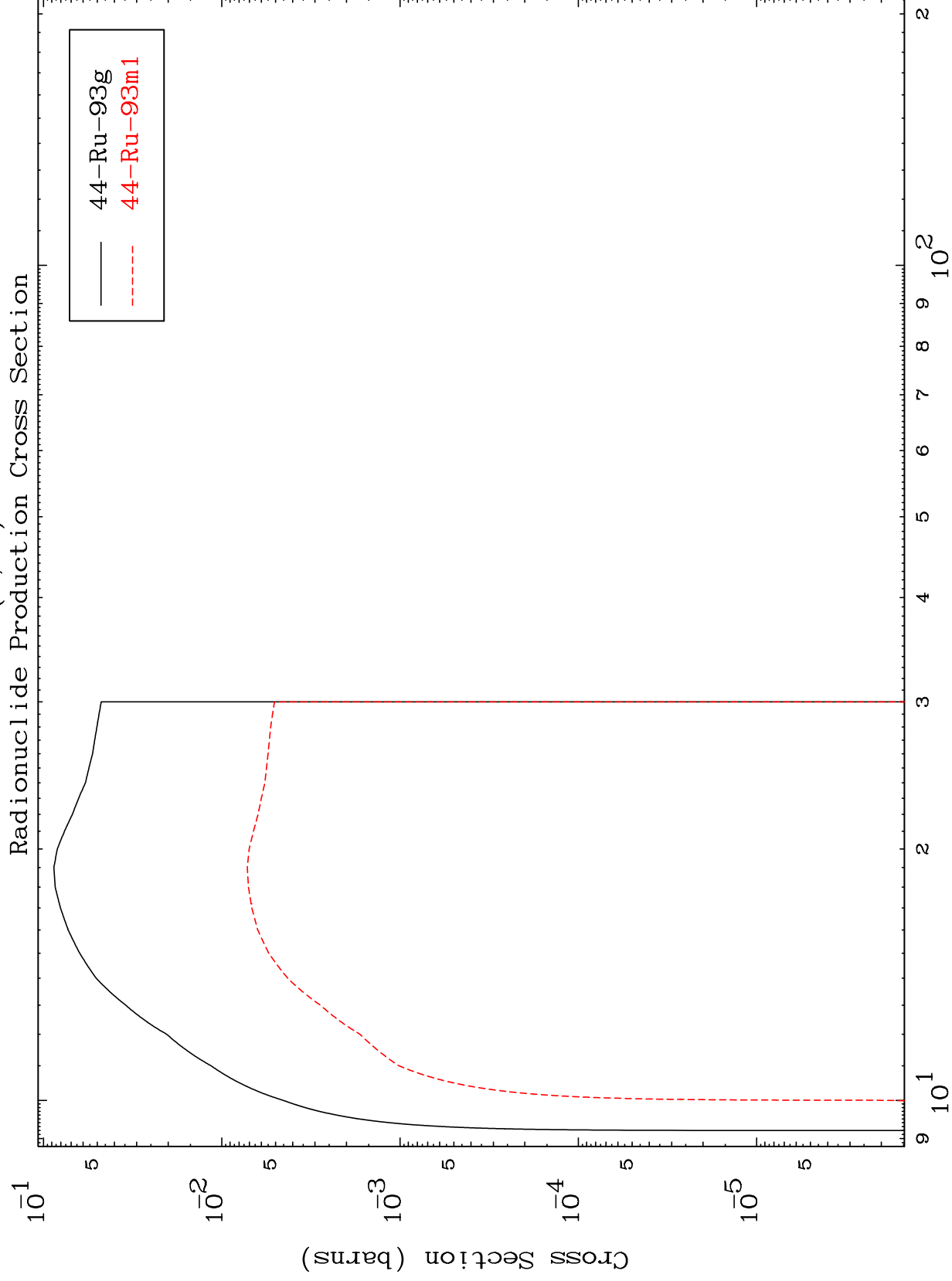
Incident Energy (MeV)

43-Tc-93m

MAT 4308

(n,2n)

43-Tc-93m



Incident Energy (MeV)

43-Tc-93m

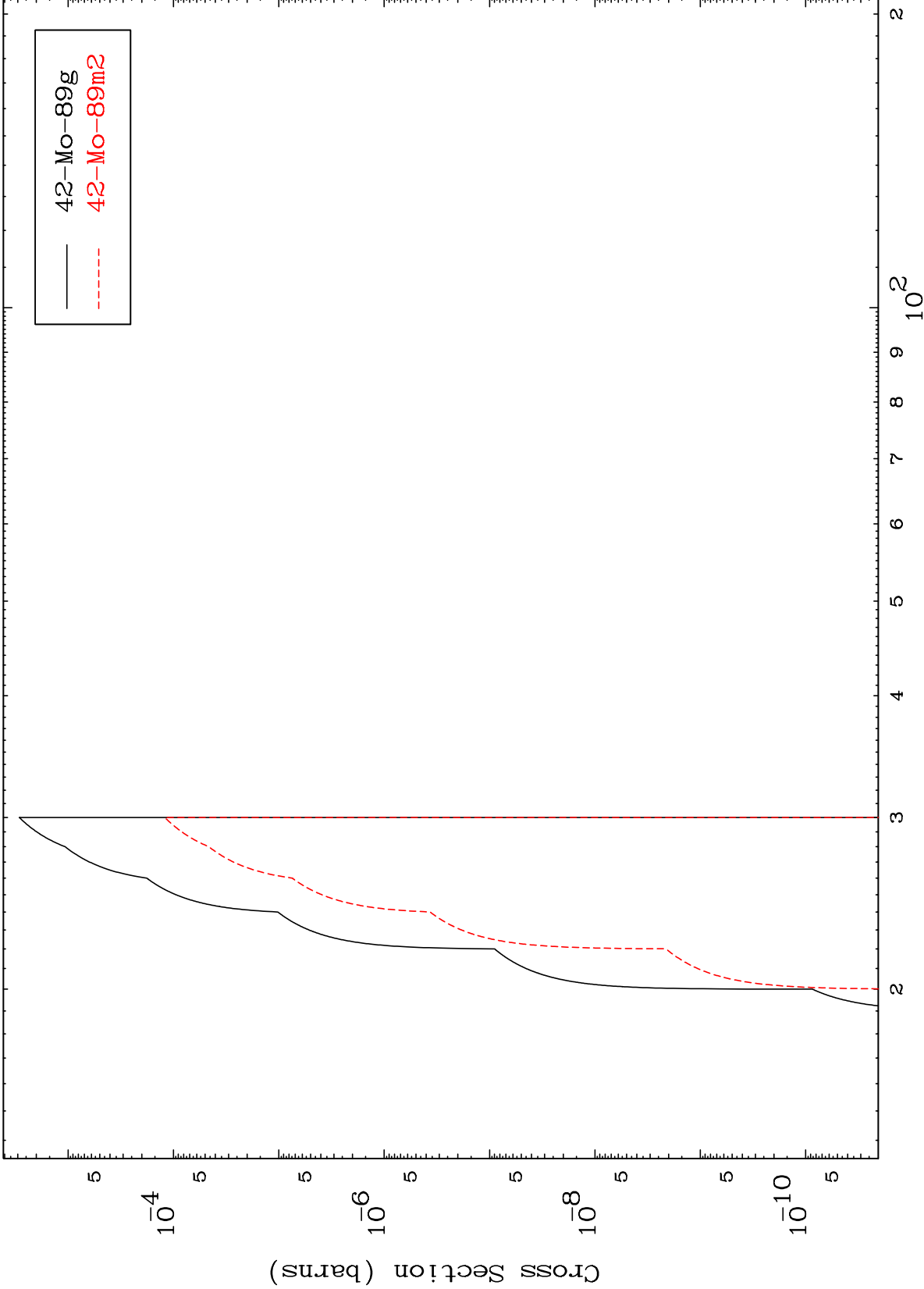
13

MAT 4308

(n,2n) α

43-Tc-93m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

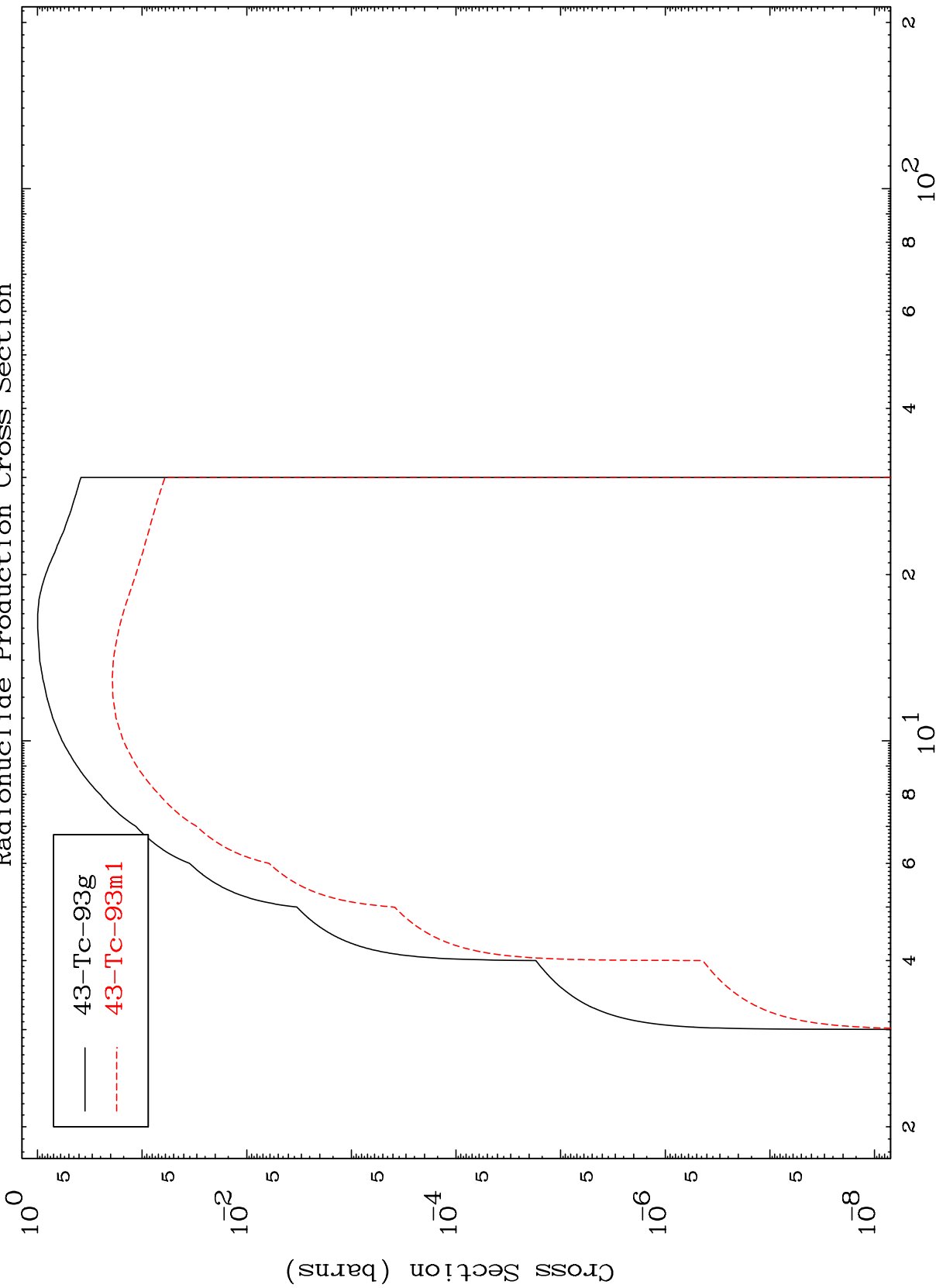
43-Tc-93m

MAT 4308

(n,n') p

⁴³Tc-93m

Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

15

Incident Energy (MeV)

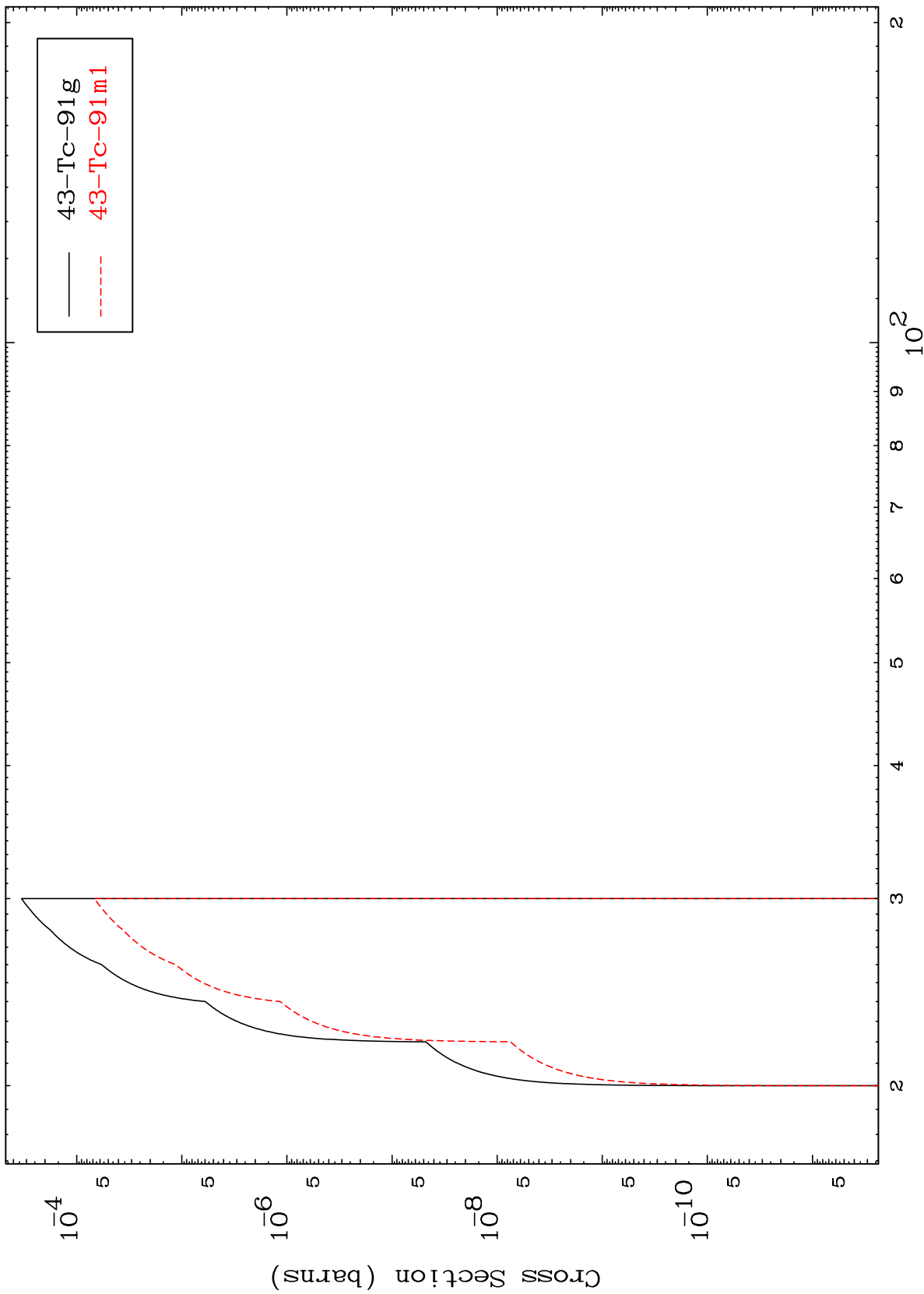
⁴³Tc-93m

MAT 4308

(n,n') t

43-Tc-93m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

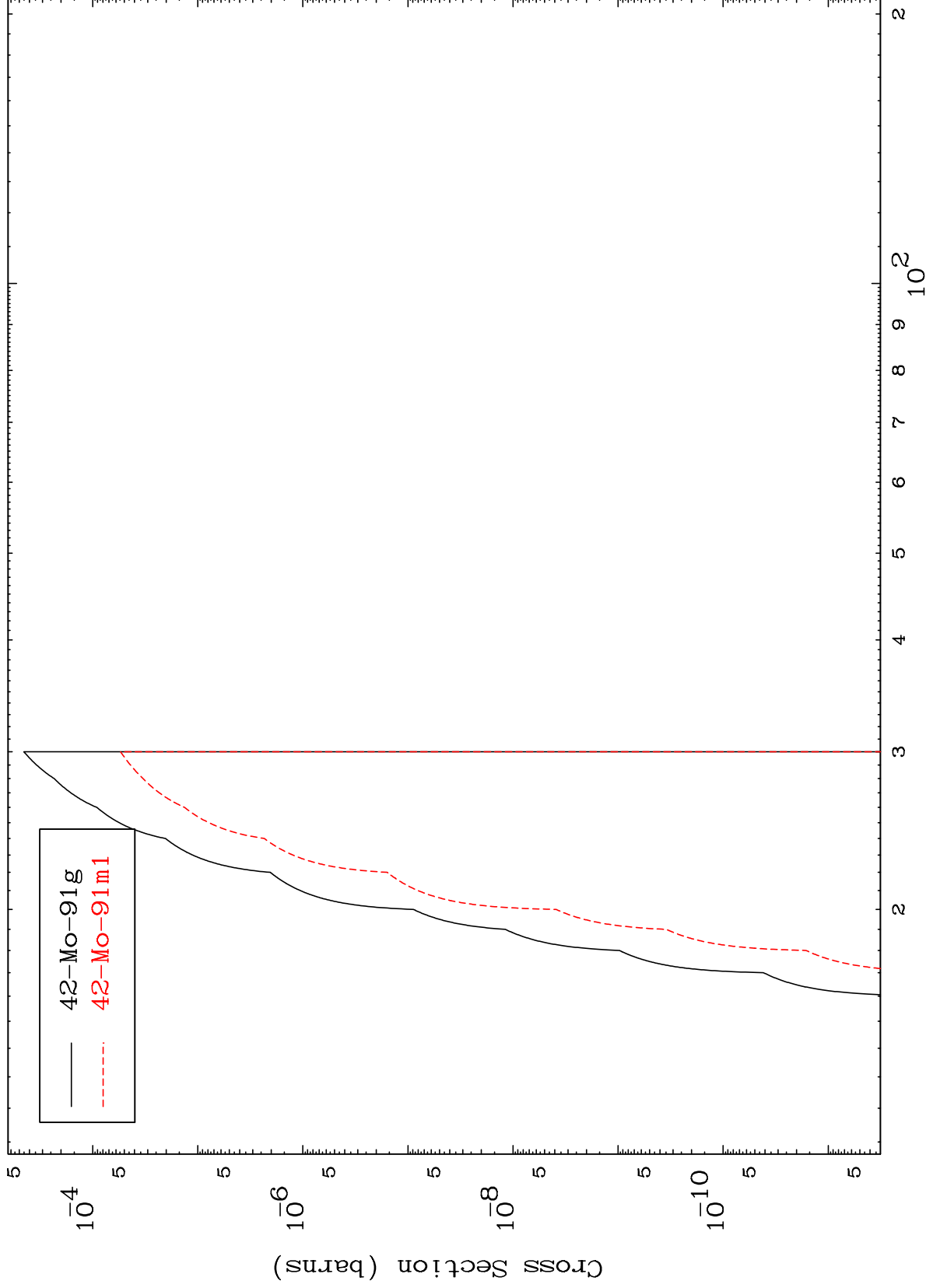
43-Tc-93m

MAT 4308

(n,n') He-3

43-Tc-93m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

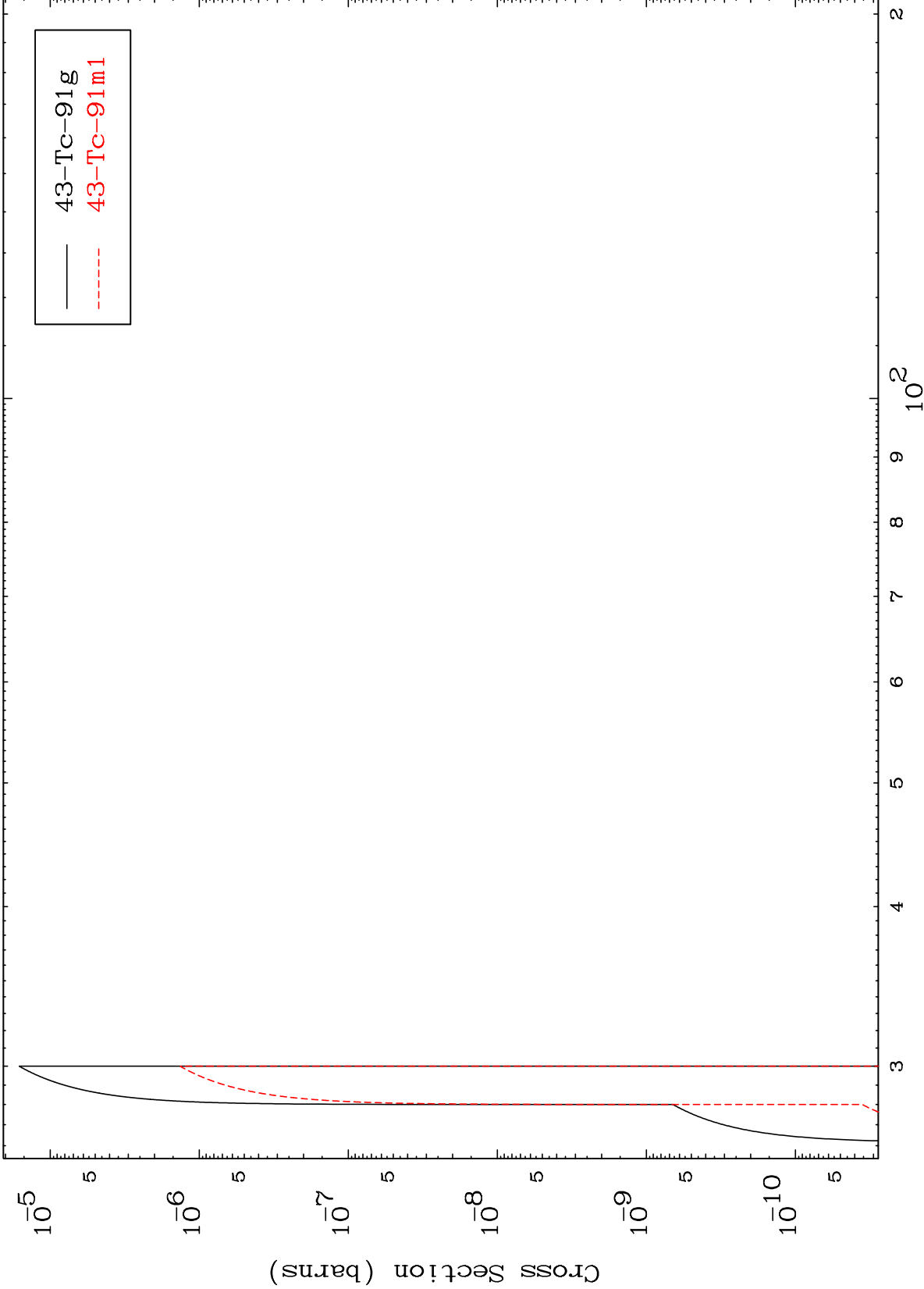
43-Tc-93m

MAT 4308

(n,3n) p

43-Tc-93m

Radionuclide Production Cross Section



43-Tc-91g
43-Tc-91m1

18

Incident Energy (MeV)

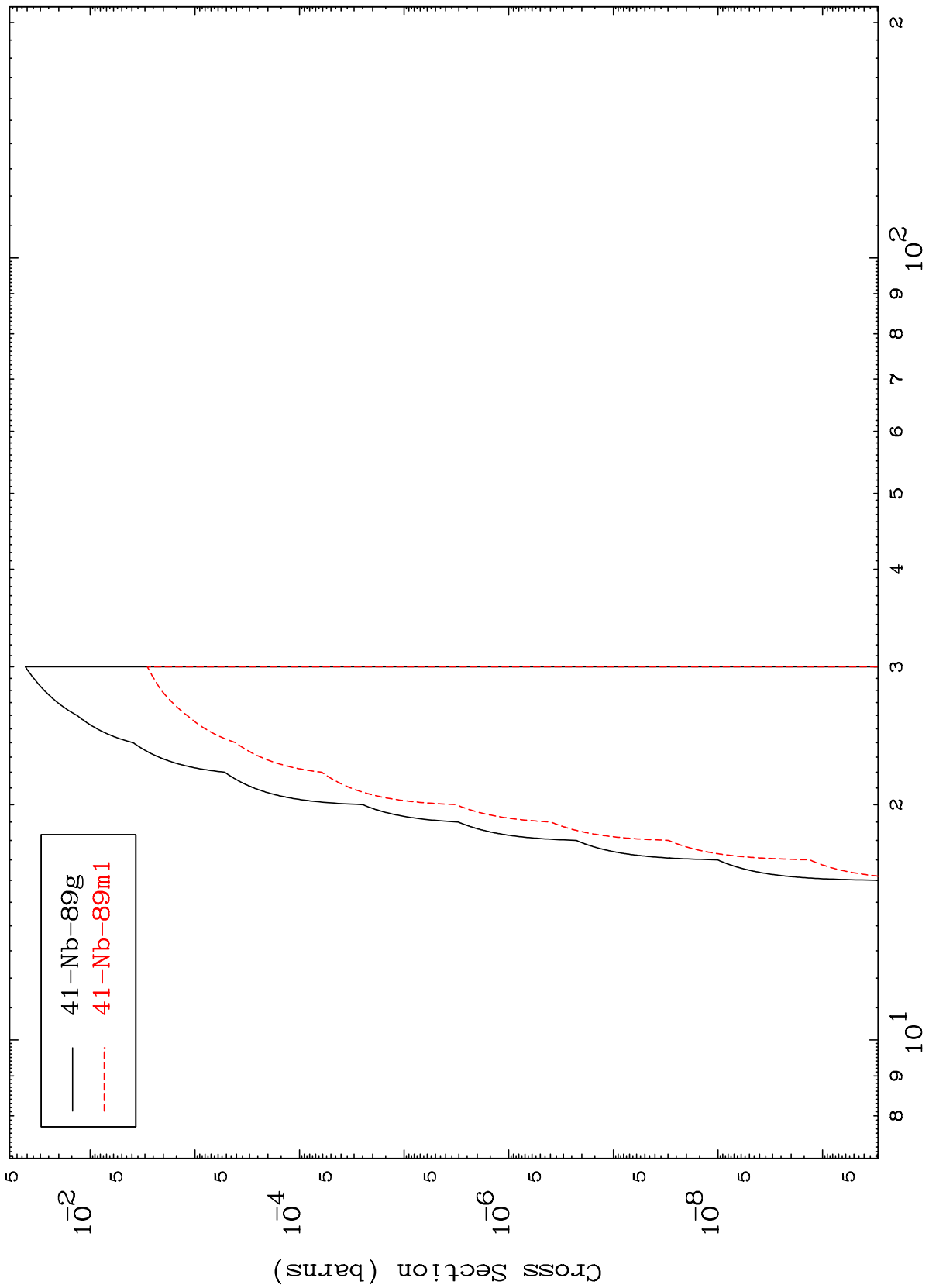
43-Tc-93m

MAT 4308

(n,n') p α

43-Tc-93m

Radionuclide Production Cross Section



19

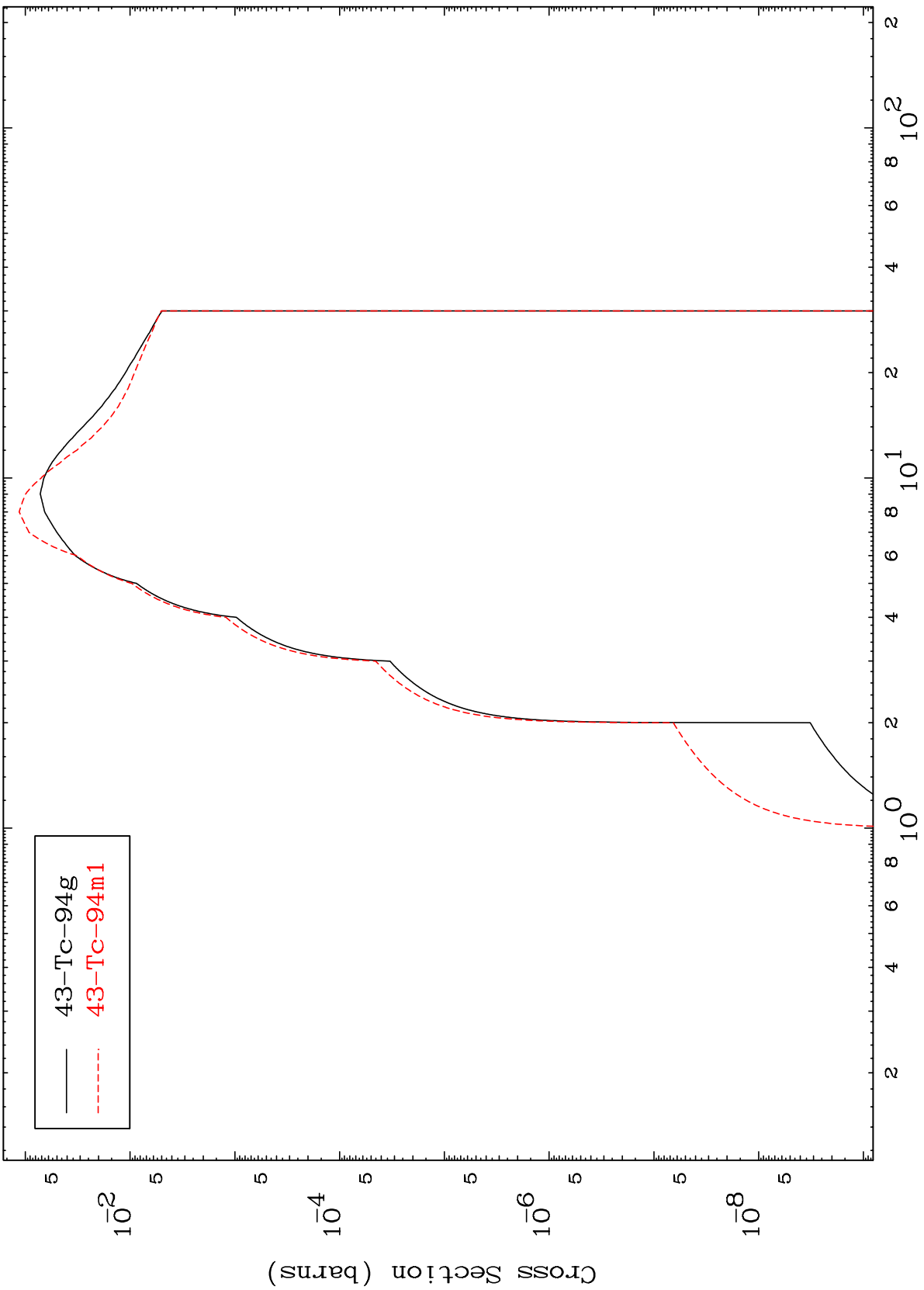
Incident Energy (MeV)

43-Tc-93m

MAT 4308

⁴³Tc-93m

(n,p)
Radionuclide Production Cross Section



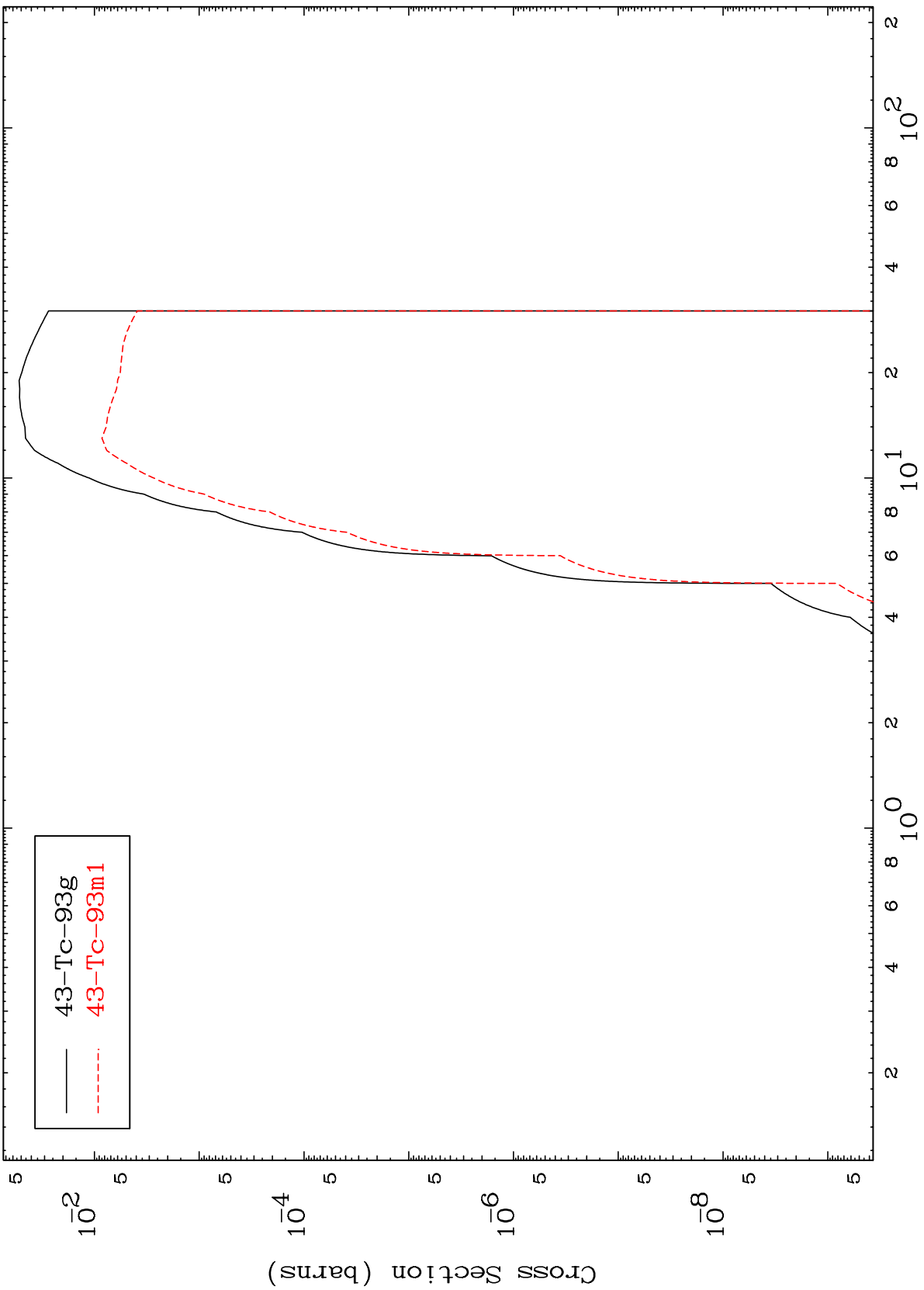
— 43-Tc-94g
- - - 43-Tc-94m1

MAT 4308

(n,d)

⁴³Tc-93m

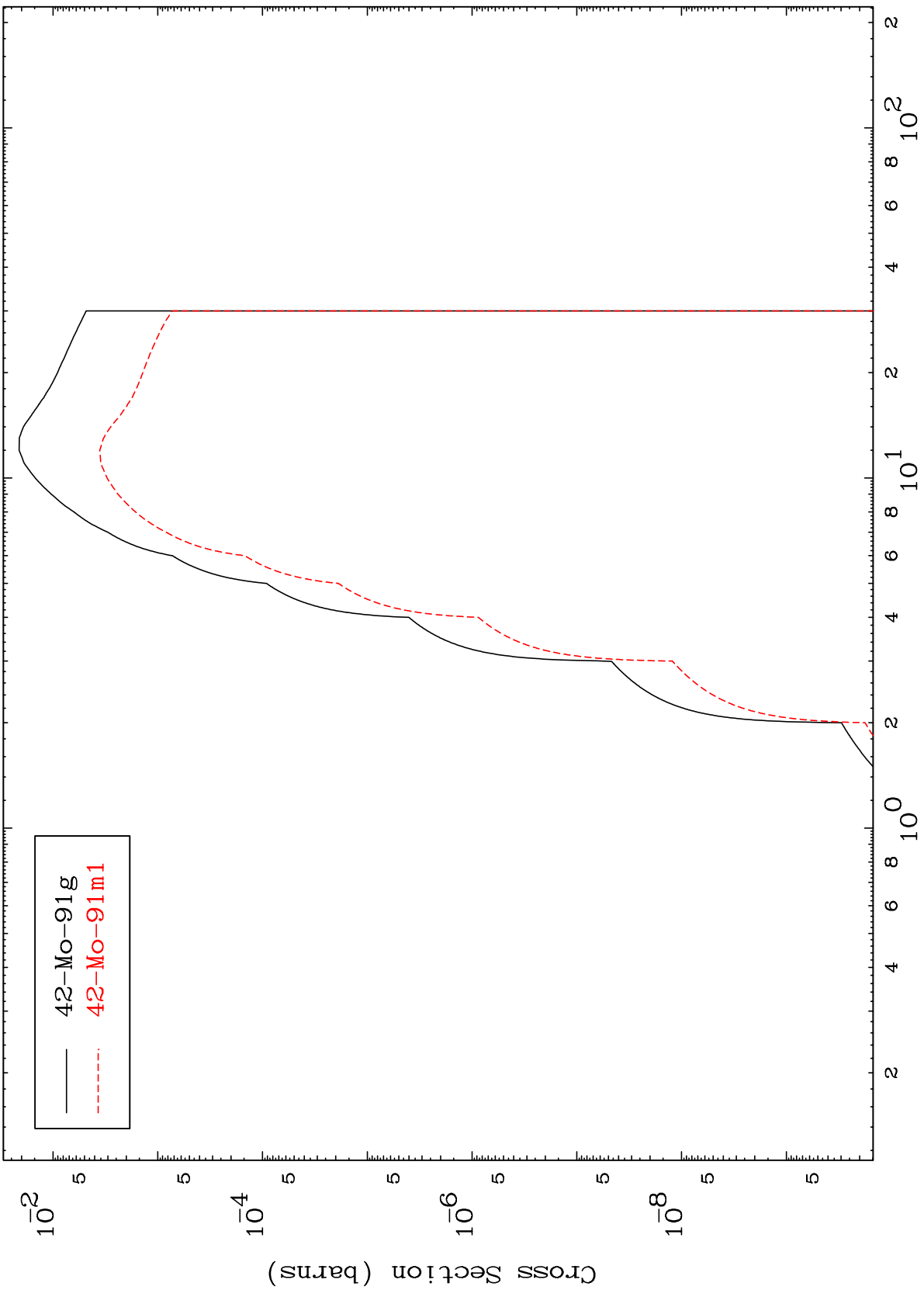
Radionuclide Production Cross Section



MAT 4308

43-Tc-93m

(n, α)
Radionuclide Production Cross Section

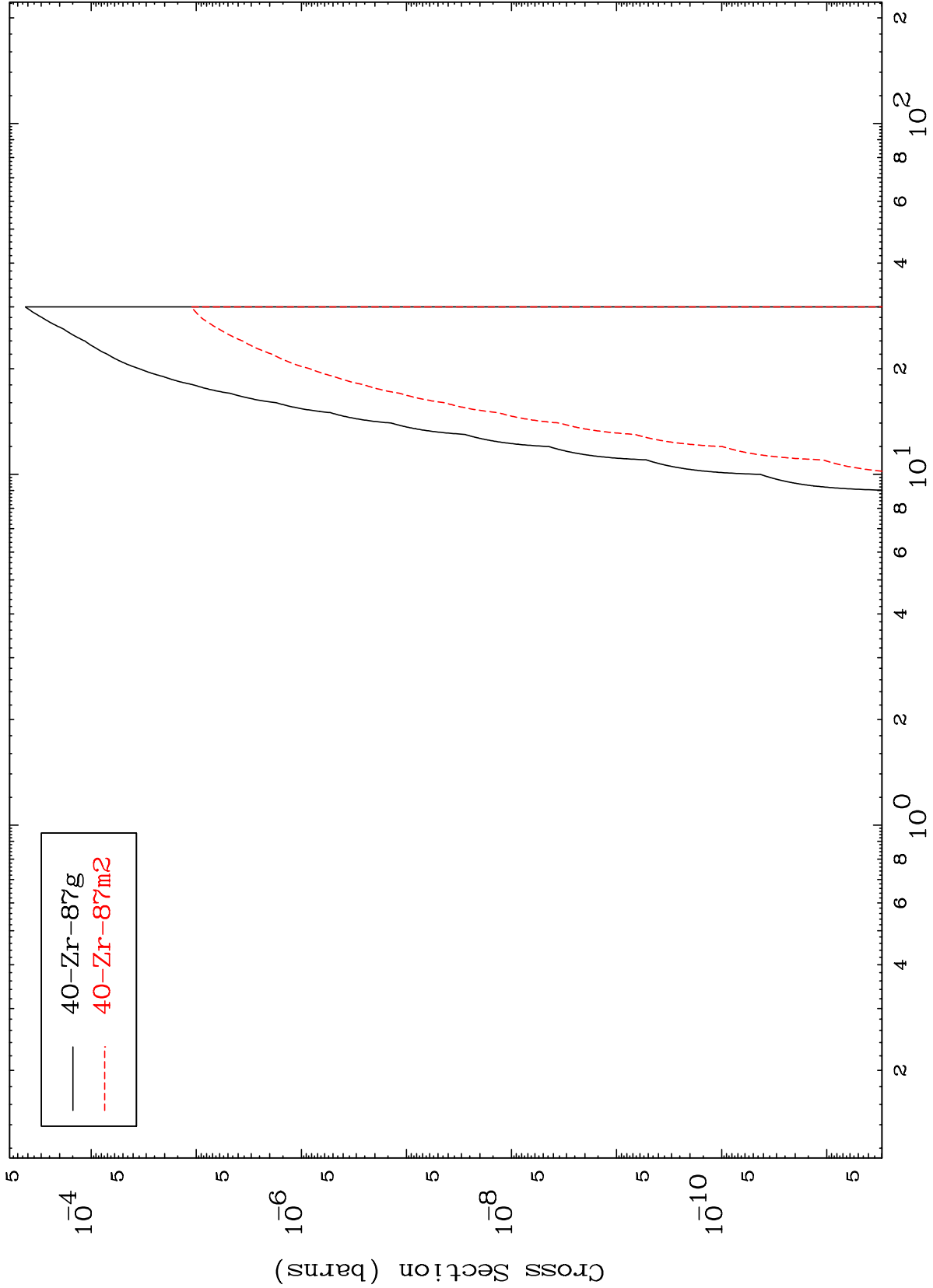


MAT 4308

(n,2α)

43-Tc-93m

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

Incident Energy (MeV)

43-Tc-93m

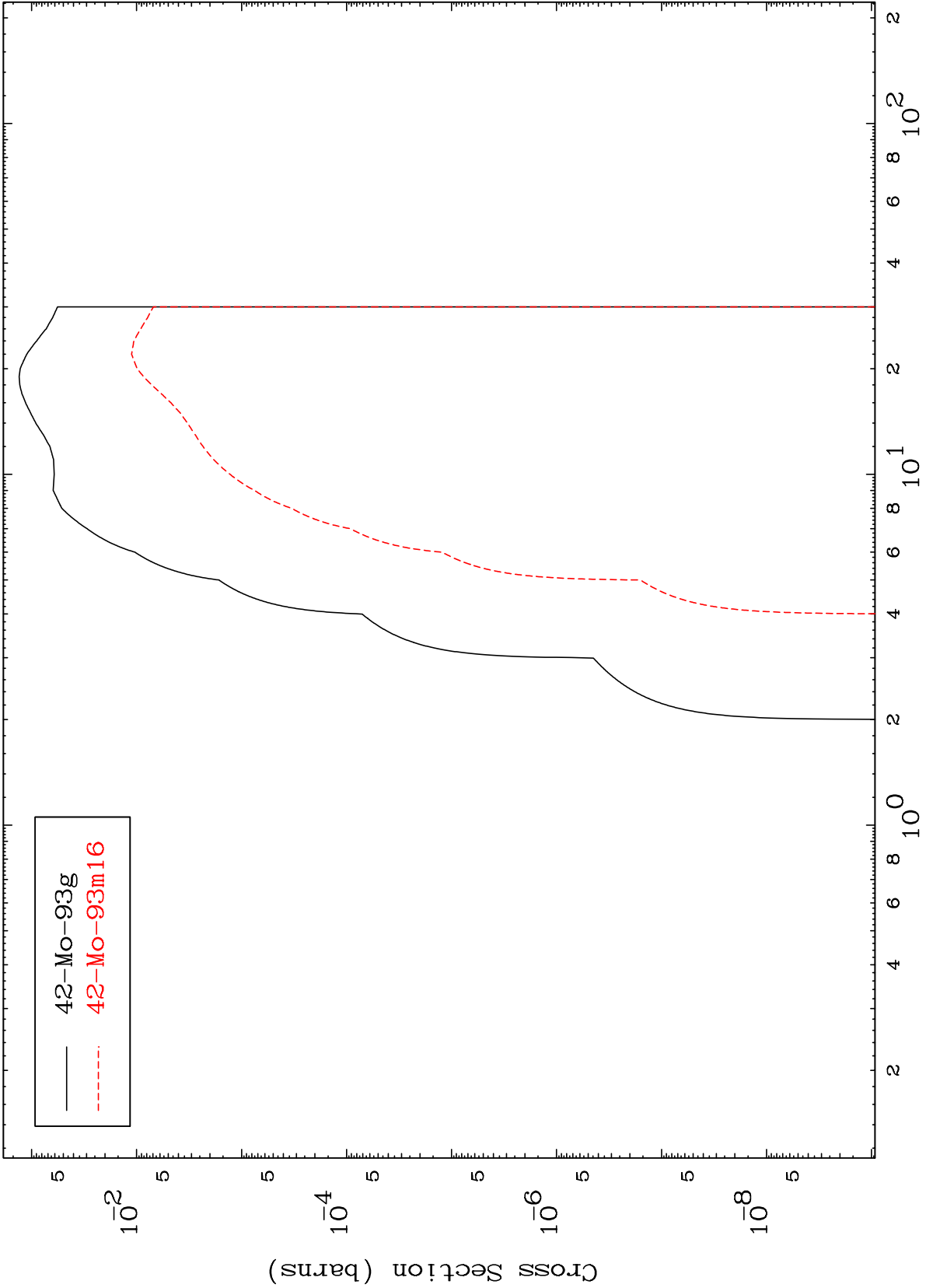
23

MAT 4308

(n,2p)

43-Tc-93m

Radionuclide Production Cross Section



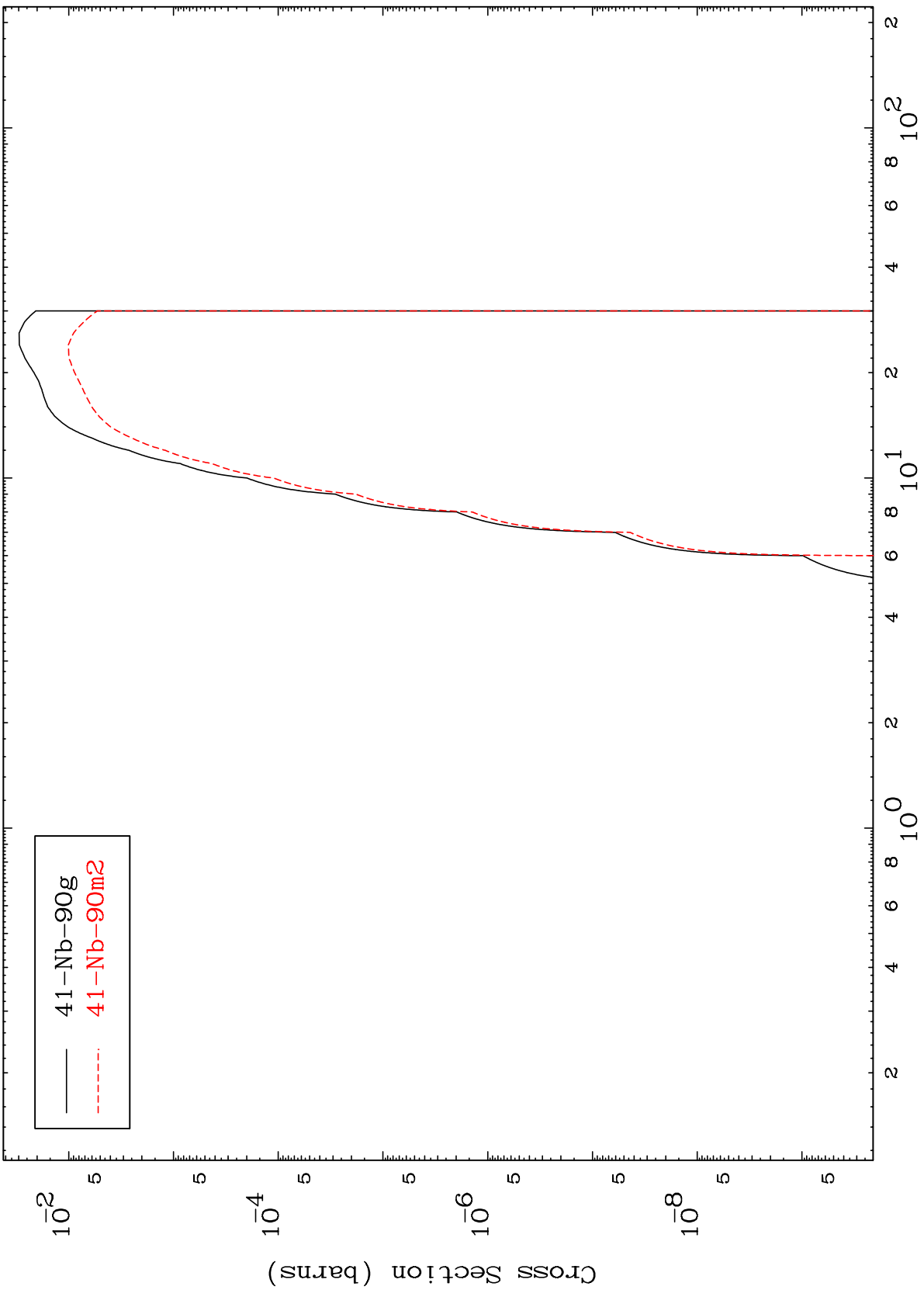
— 42-Mo-93g
- - - 42-Mo-93m16

MAT 4308

(n,p) α

43-Tc-93m

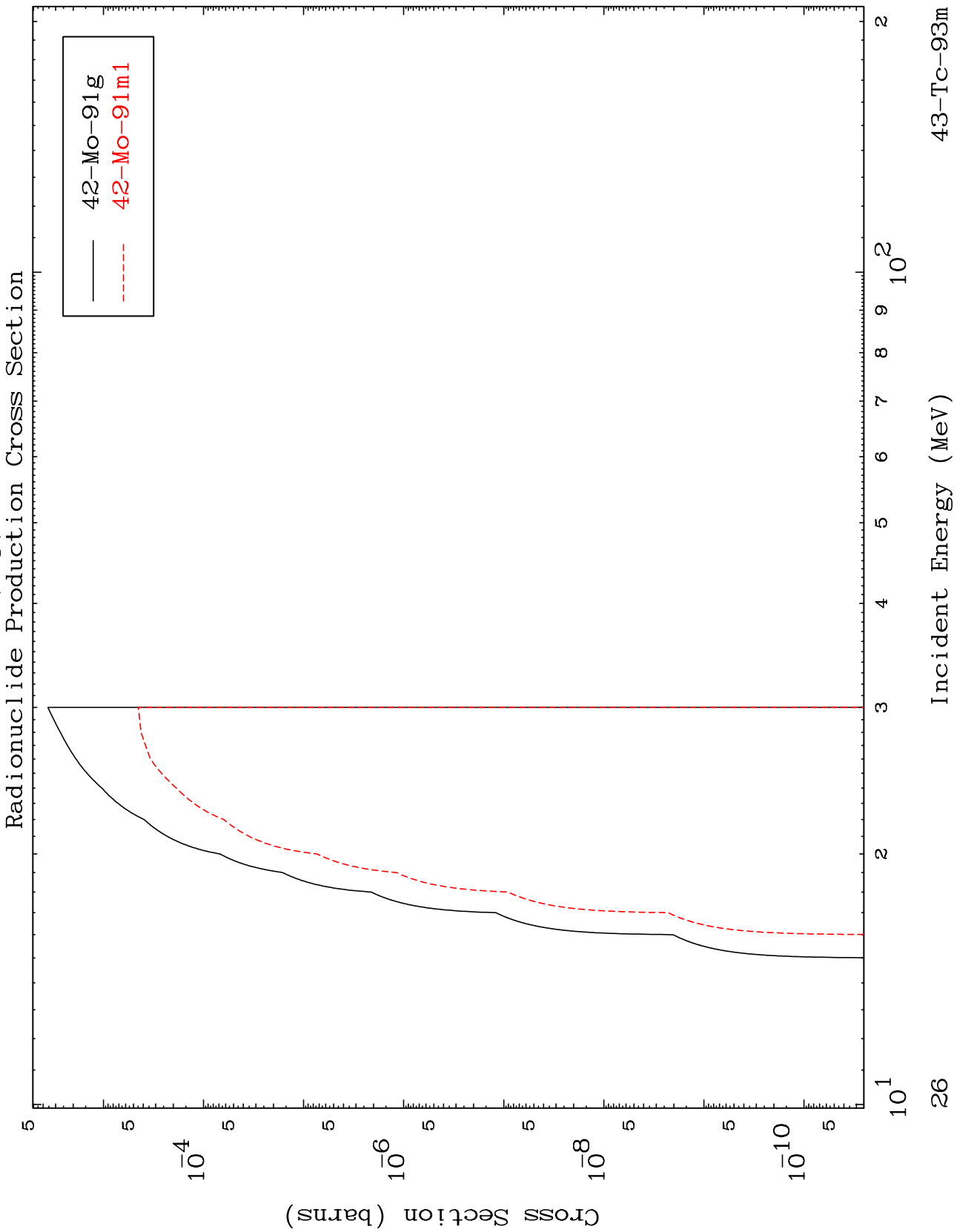
Radionuclide Production Cross Section



MAT 4308

(n,p) t

43-Tc-93m



26

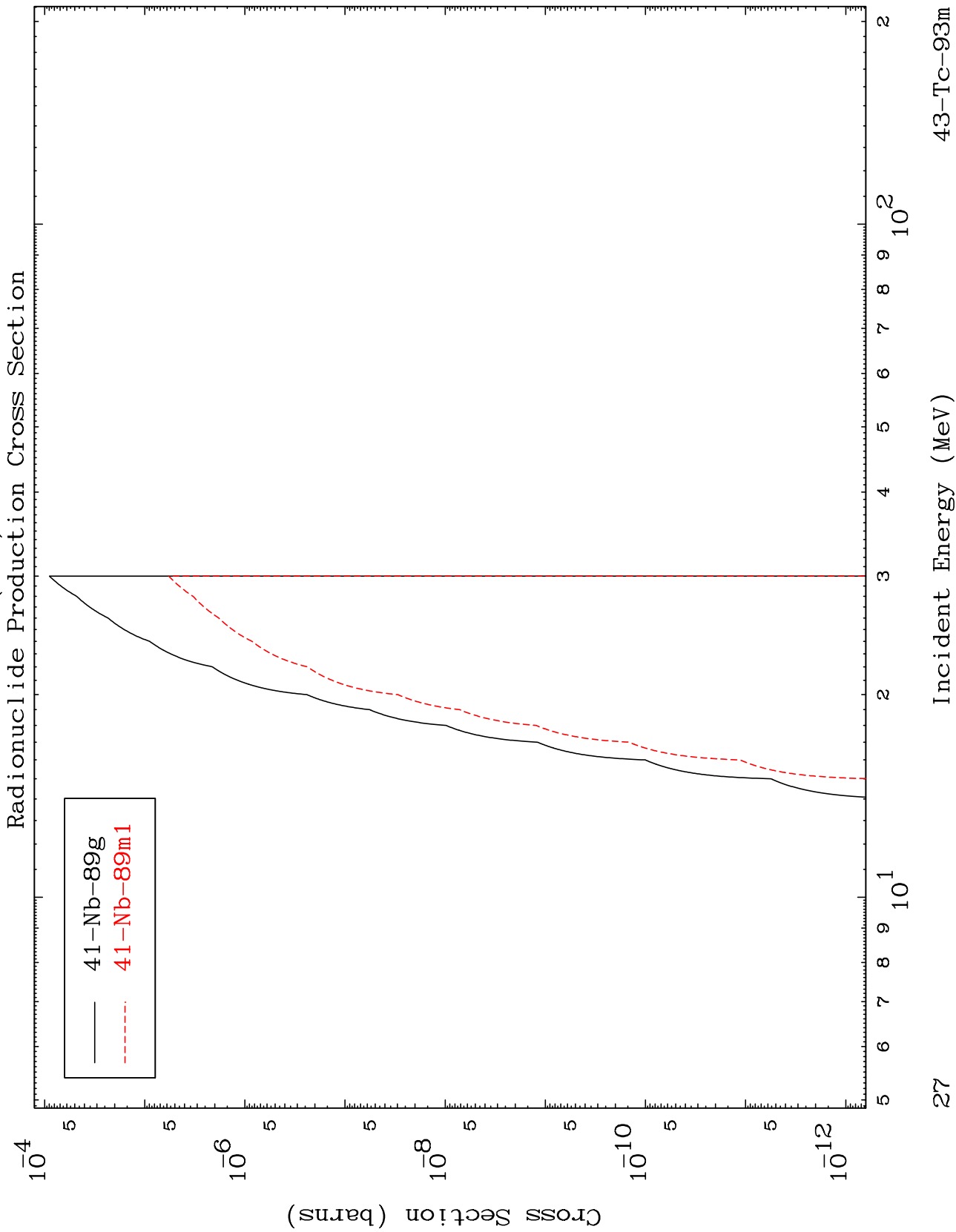
Incident Energy (MeV)

43-Tc-93m

MAT 4308

(n,d) α

43-Tc-93m



27