

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

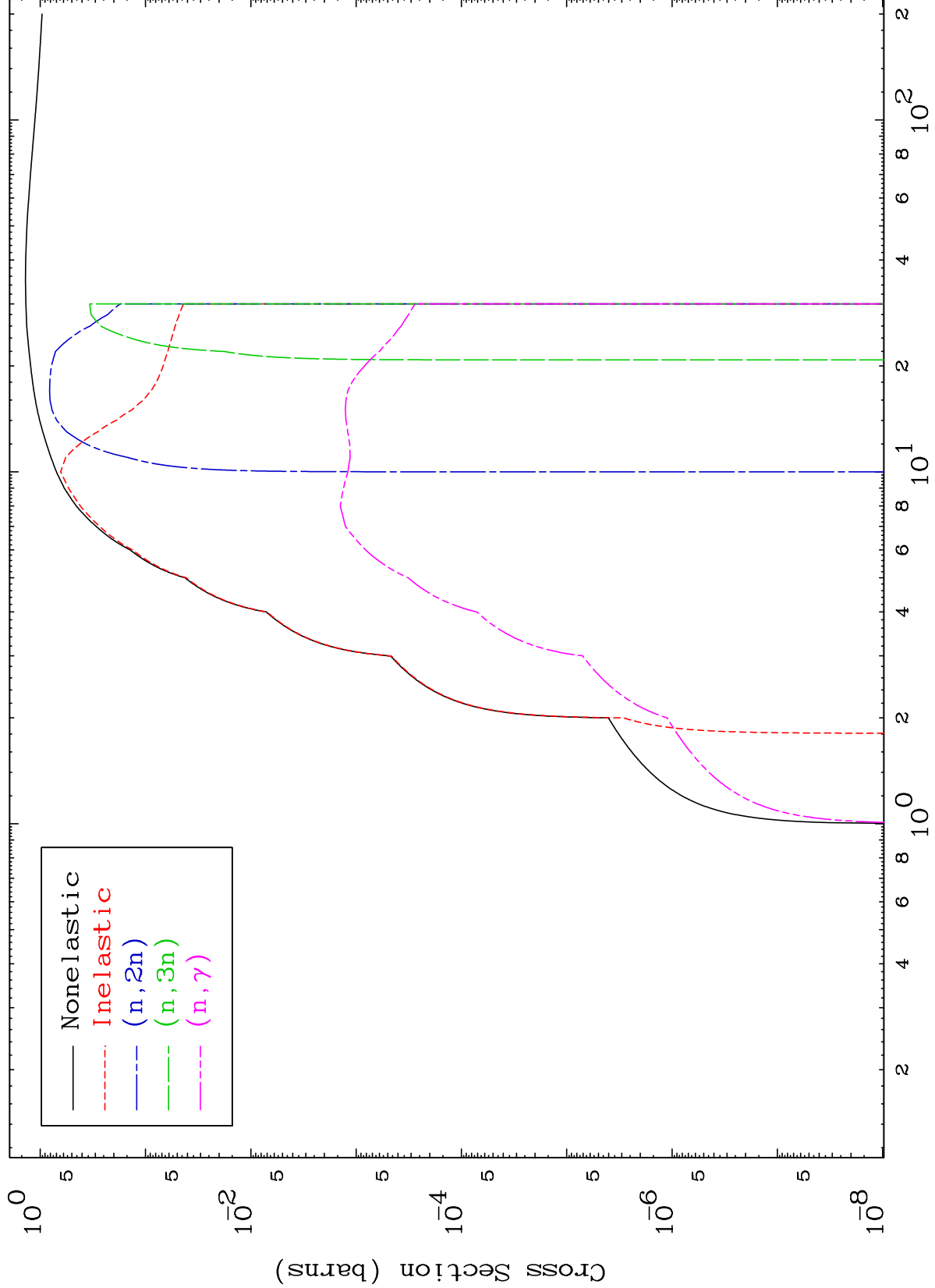
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4320

Proton Major
0 Kelvin Cross Sections

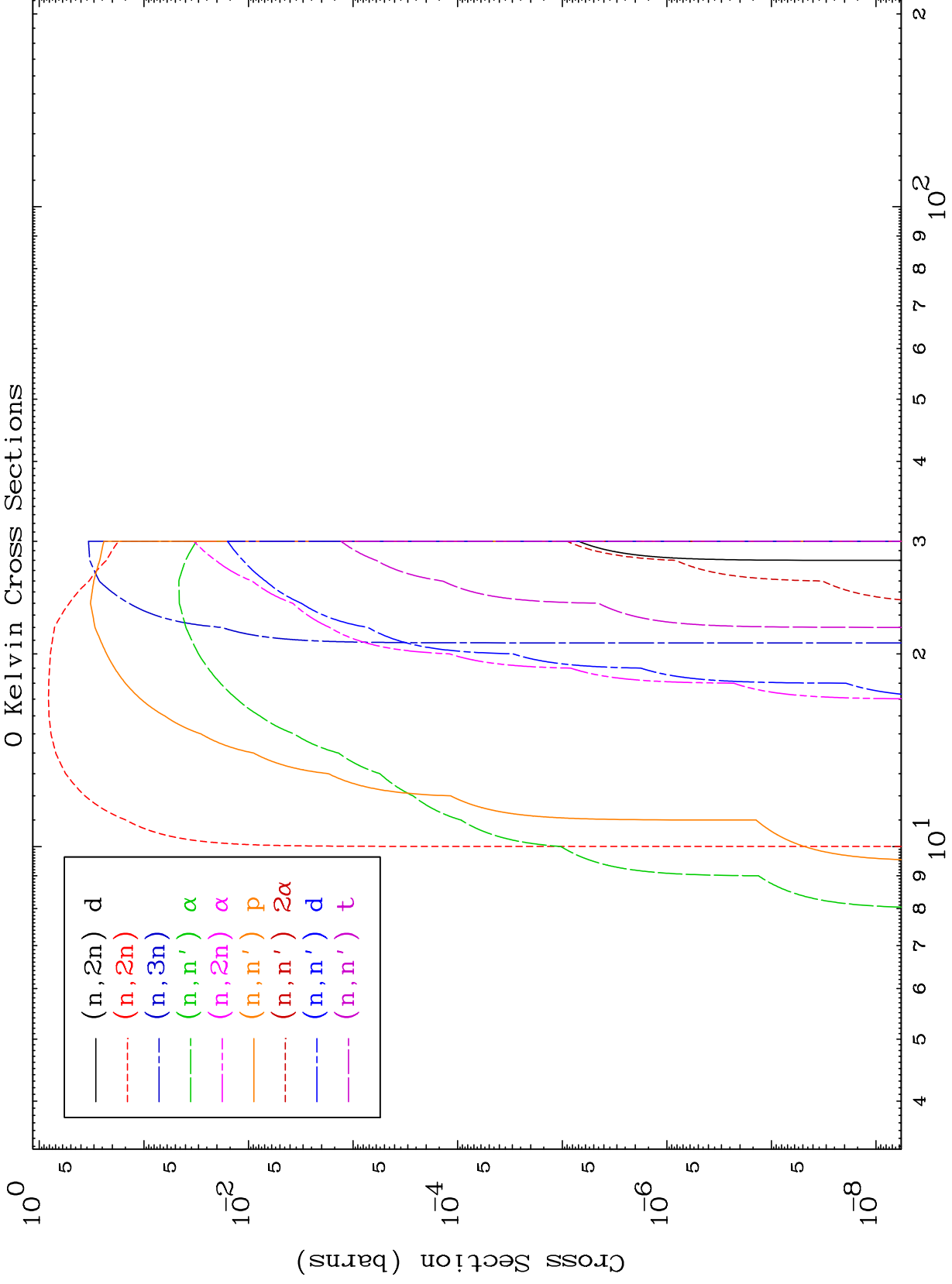
43-Tc-97m



MAT 4320

Proton Neutron Absorption
0 Kelvin Cross Sections

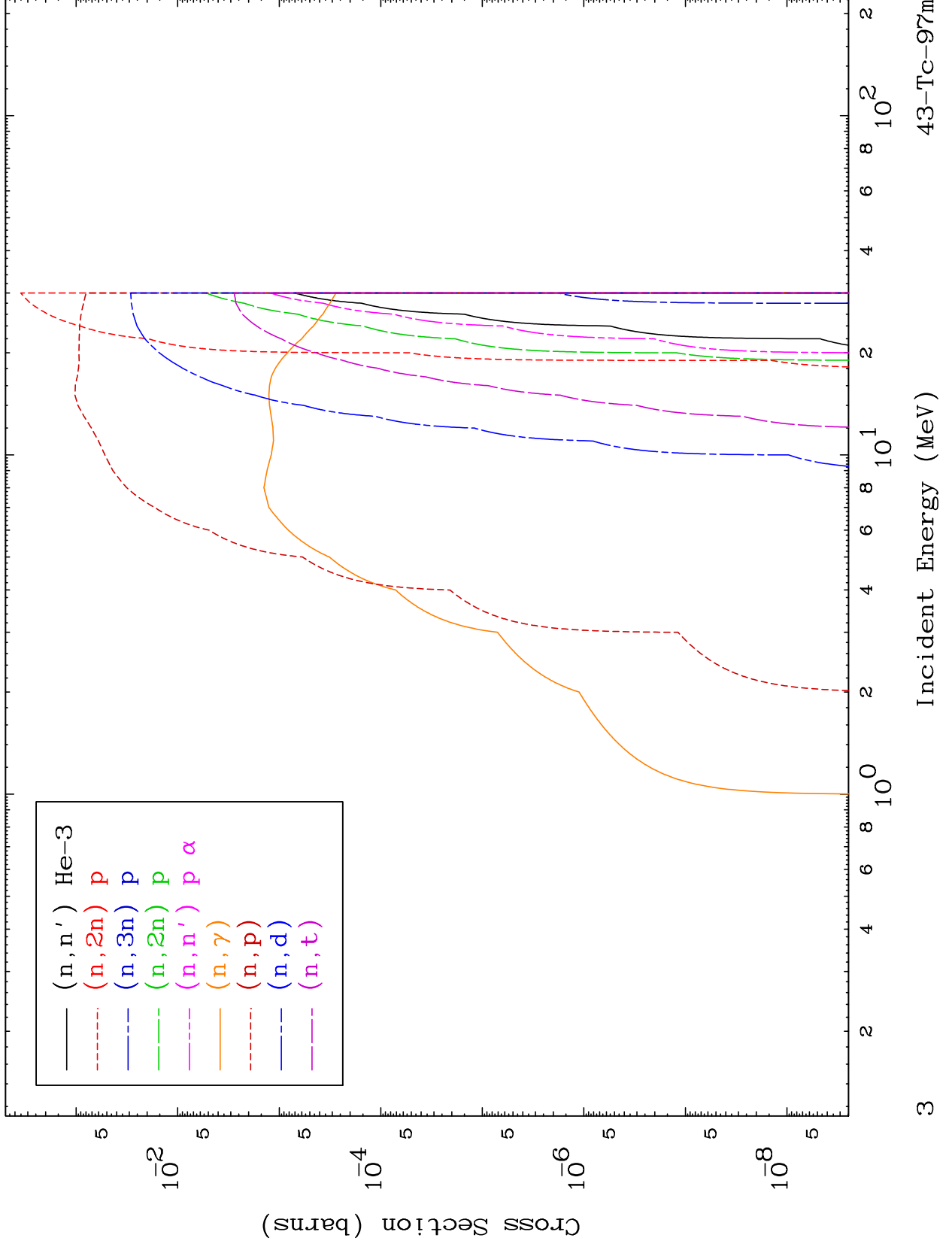
43-Tc-97m



MAT 4320

Proton Neutron Absorption
0 Kelvin Cross Sections

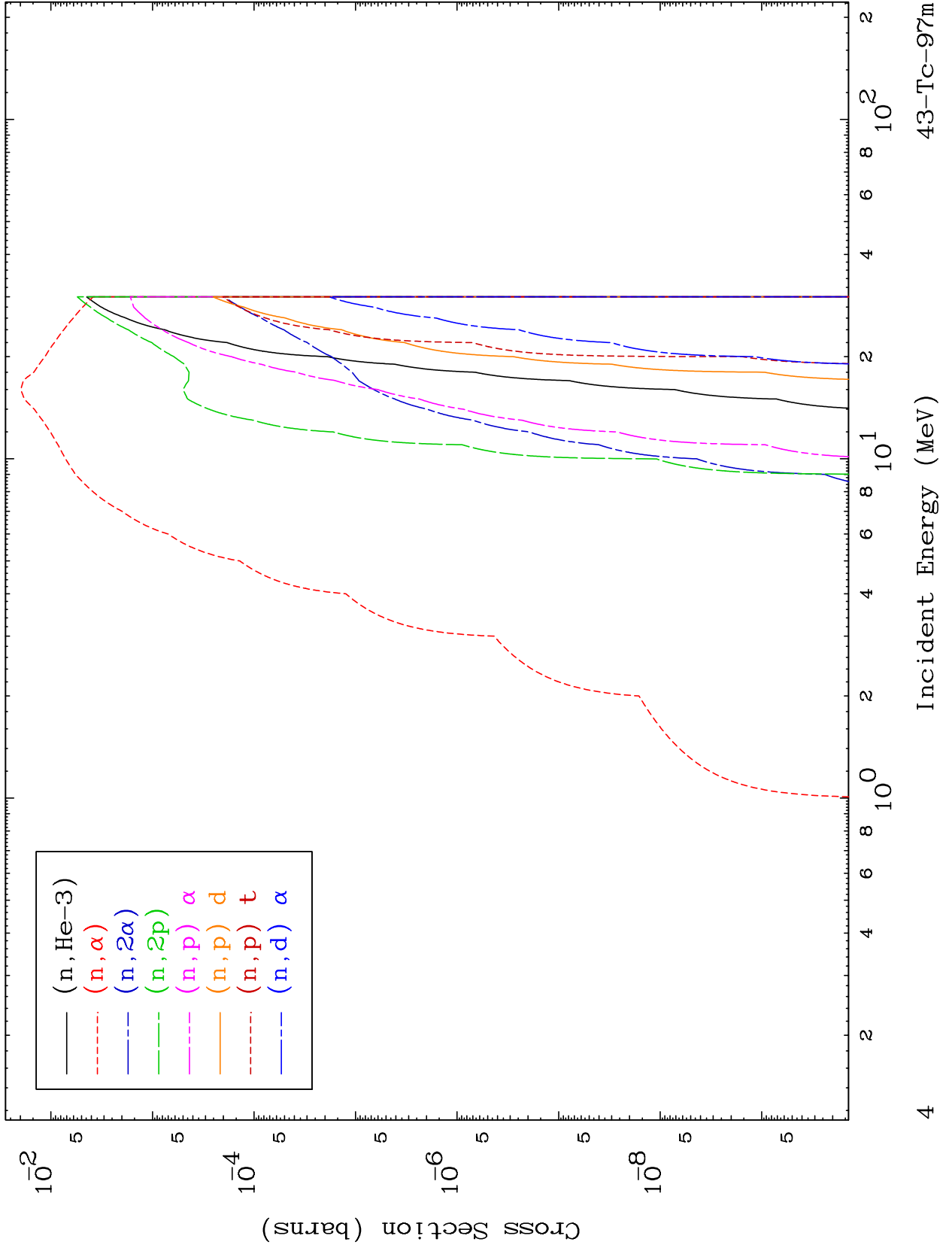
43-Tc-97m



MAT 4320

Proton Neutron Absorption
0 Kelvin Cross Sections

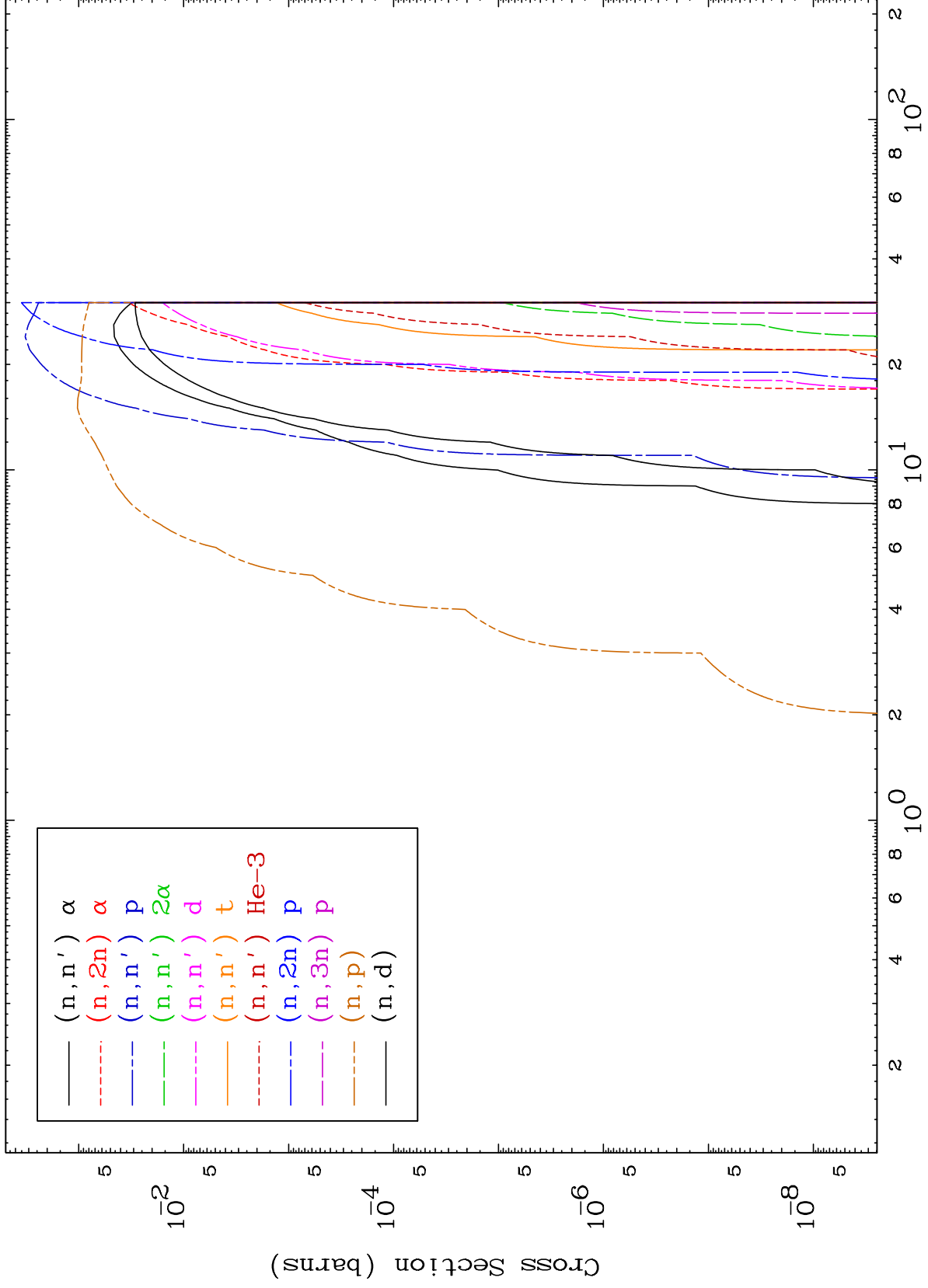
43-Tc-97m



MAT 4320

Proton Charged Particle
0 Kelvin Cross Sections

43-Tc-97m



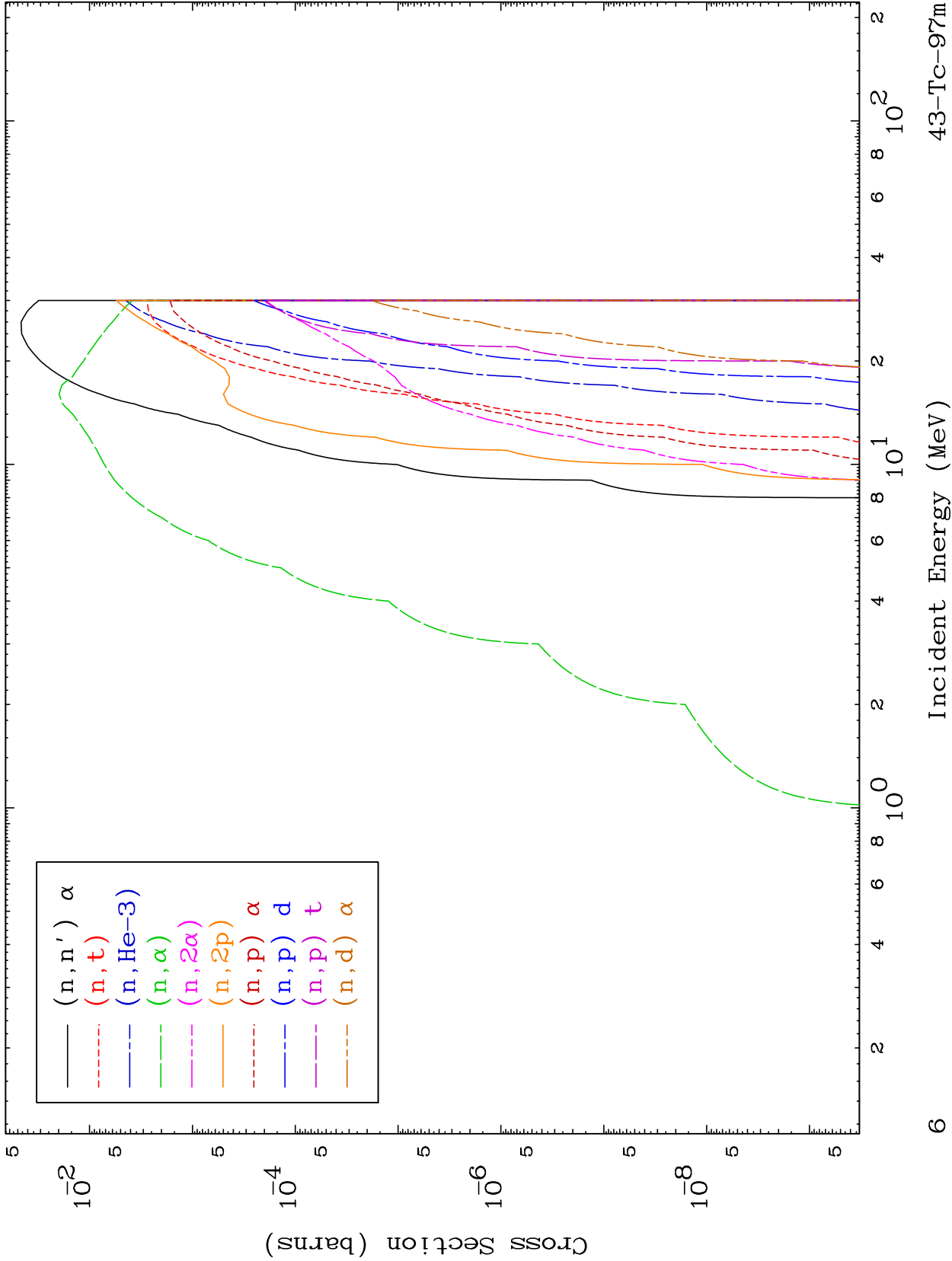
Incident Energy (MeV)

43-Tc-97m

MAT 4320

Proton Charged Particle
0 Kelvin Cross Sections

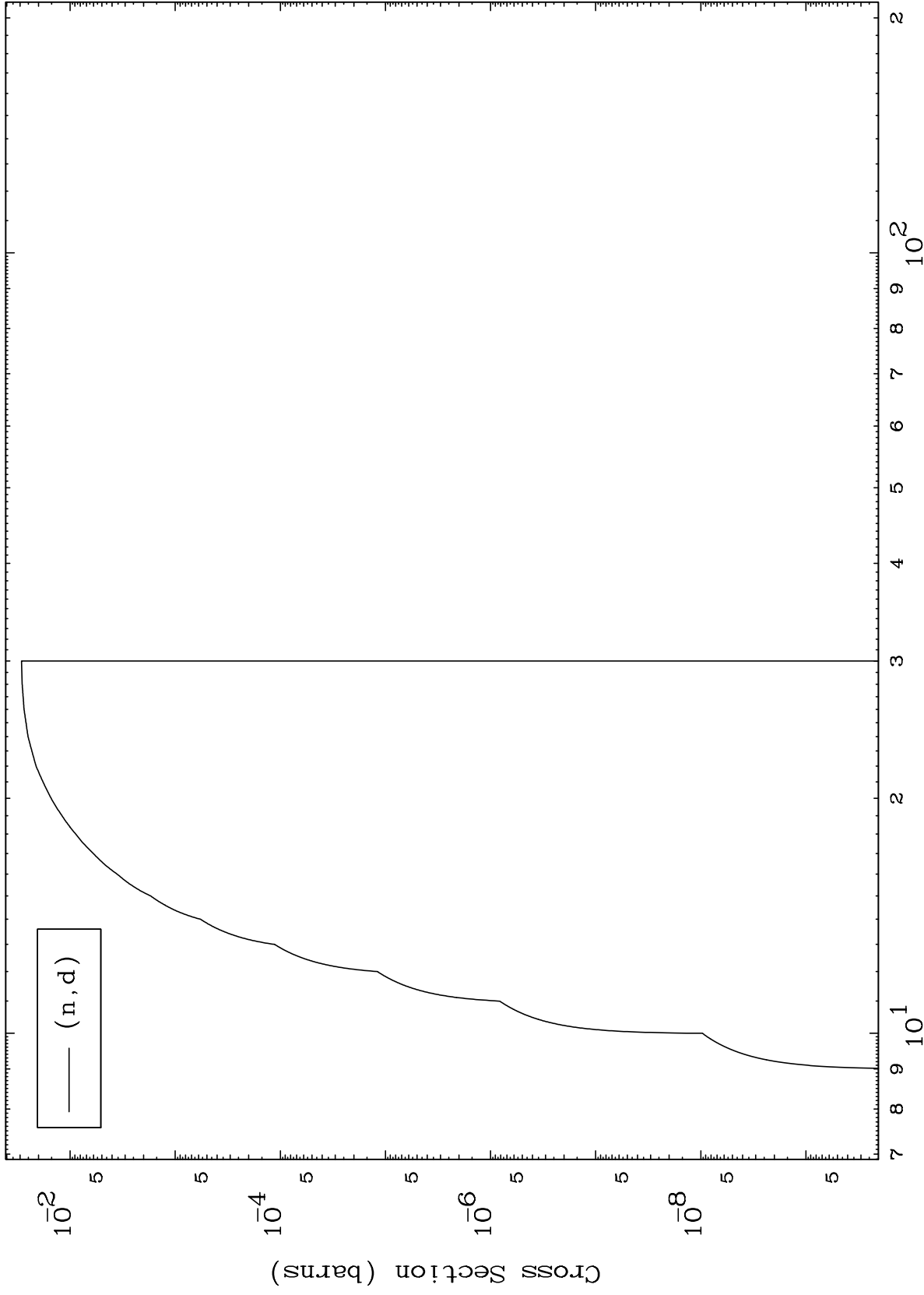
43-Tc-97m



MAT 4320

(p,d) Levels
0 Kelvin Cross Sections

43-Tc-97m



8

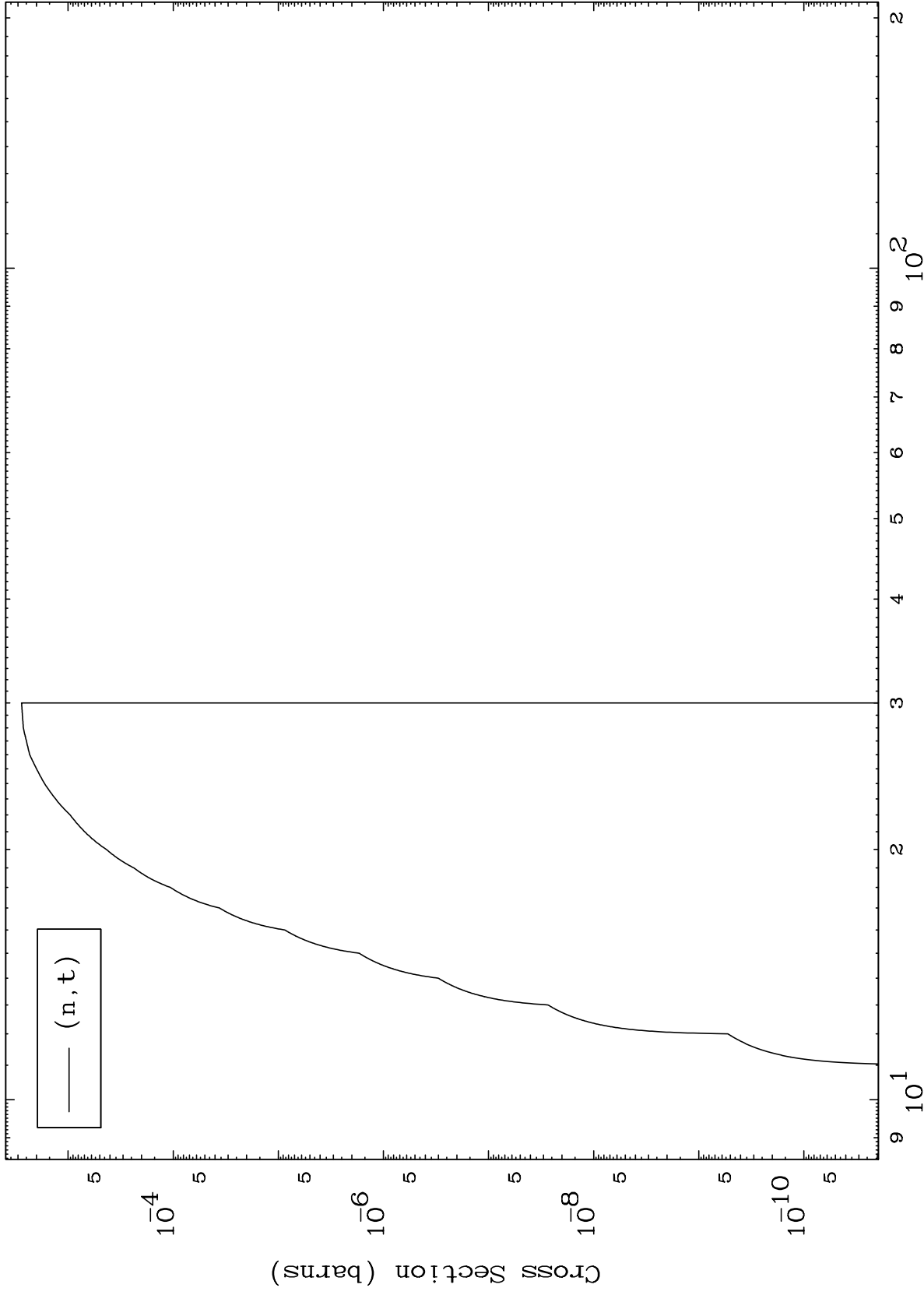
Incident Energy (MeV)

43-Tc-97m

MAT 4320

(p, t) Levels
0 Kelvin Cross Sections

43-Tc-97m



9

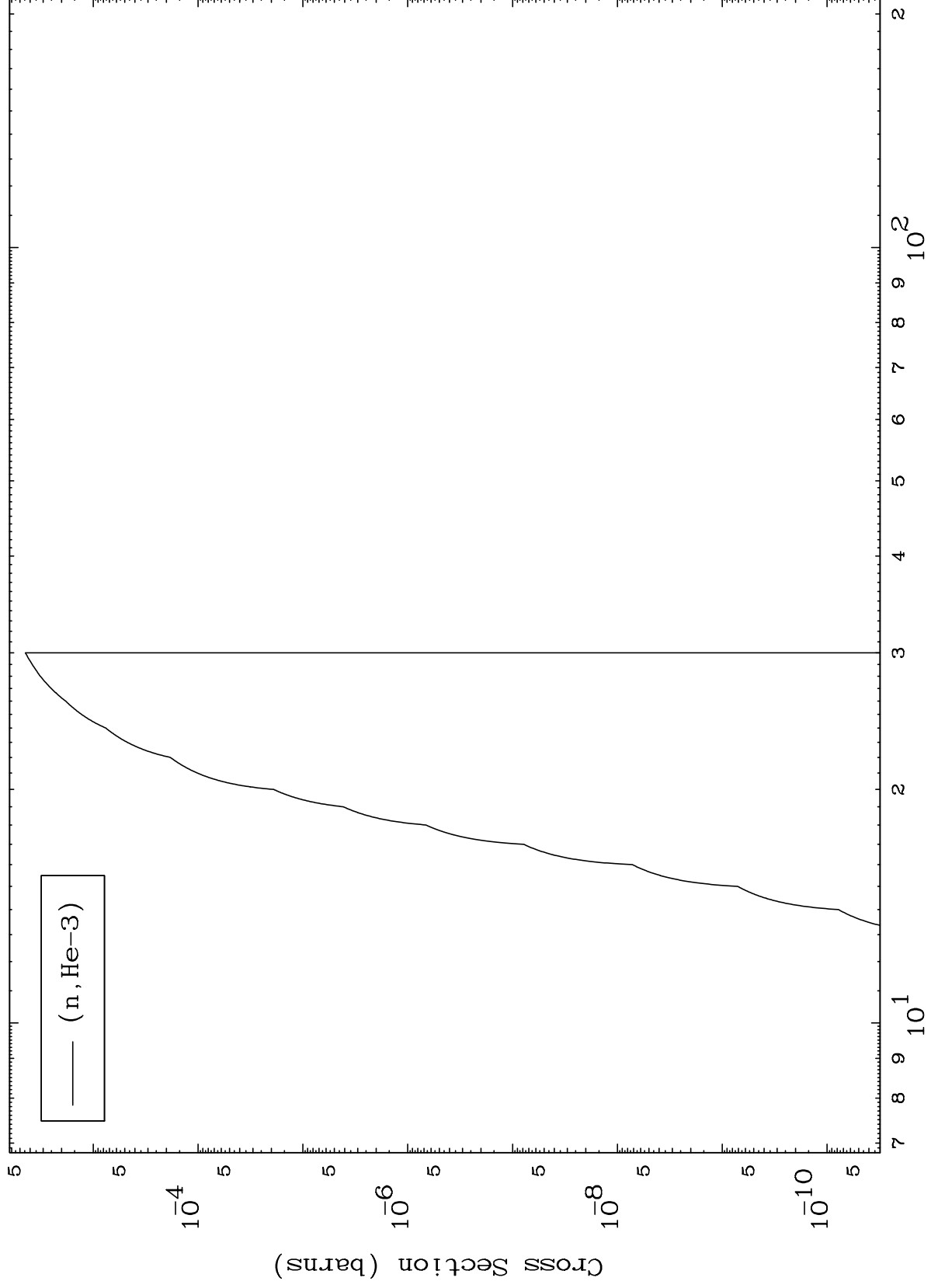
Incident Energy (MeV)

43-Tc-97m

MAT 4320

(p,He3) Levels
0 Kelvin Cross Sections

43-Tc-97m



10

Incident Energy (MeV)

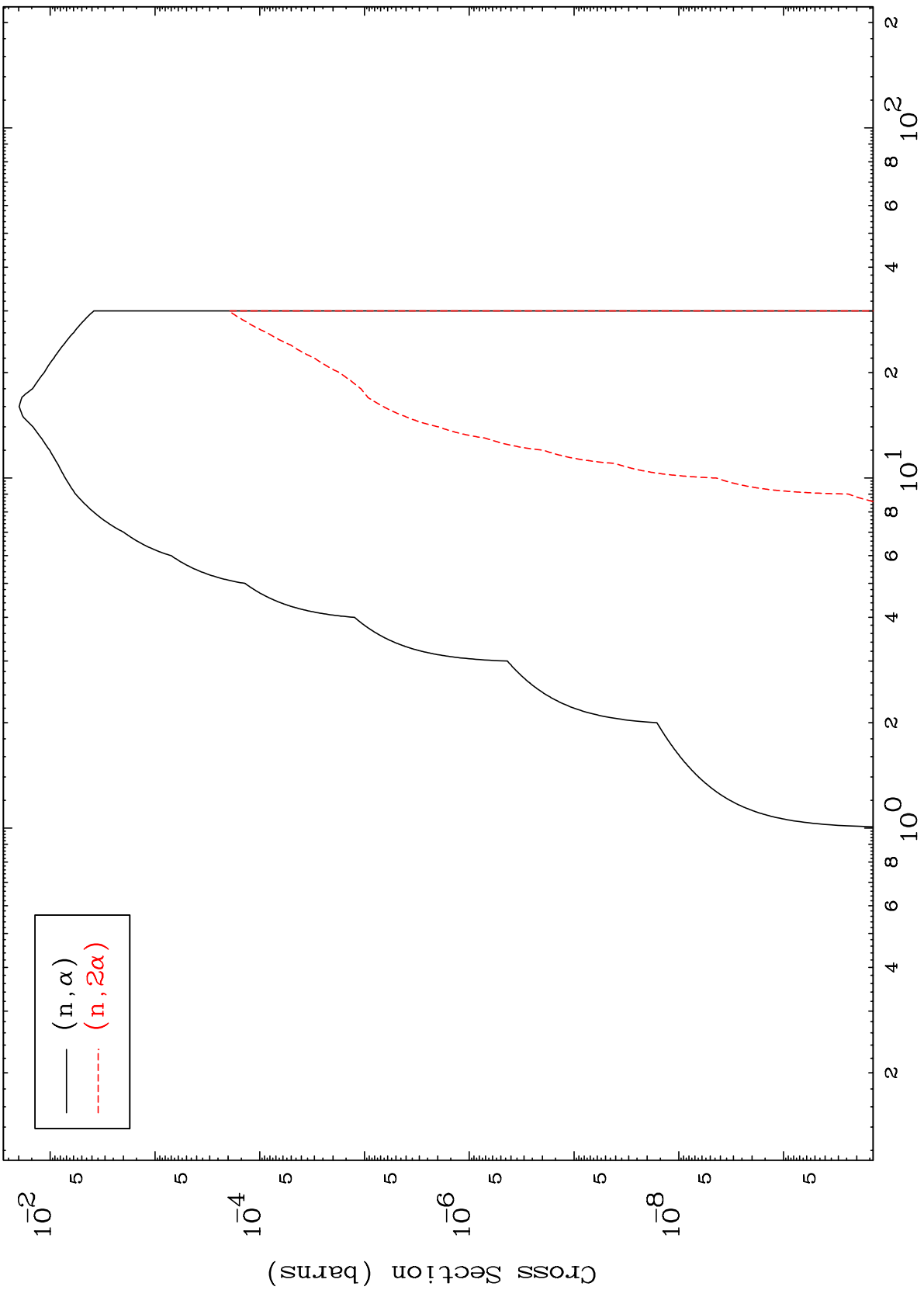
43-Tc-97m

MAT 4320

(p, α) Levels

$^{43}\text{Tc-97m}$

0 Kelvin Cross Sections



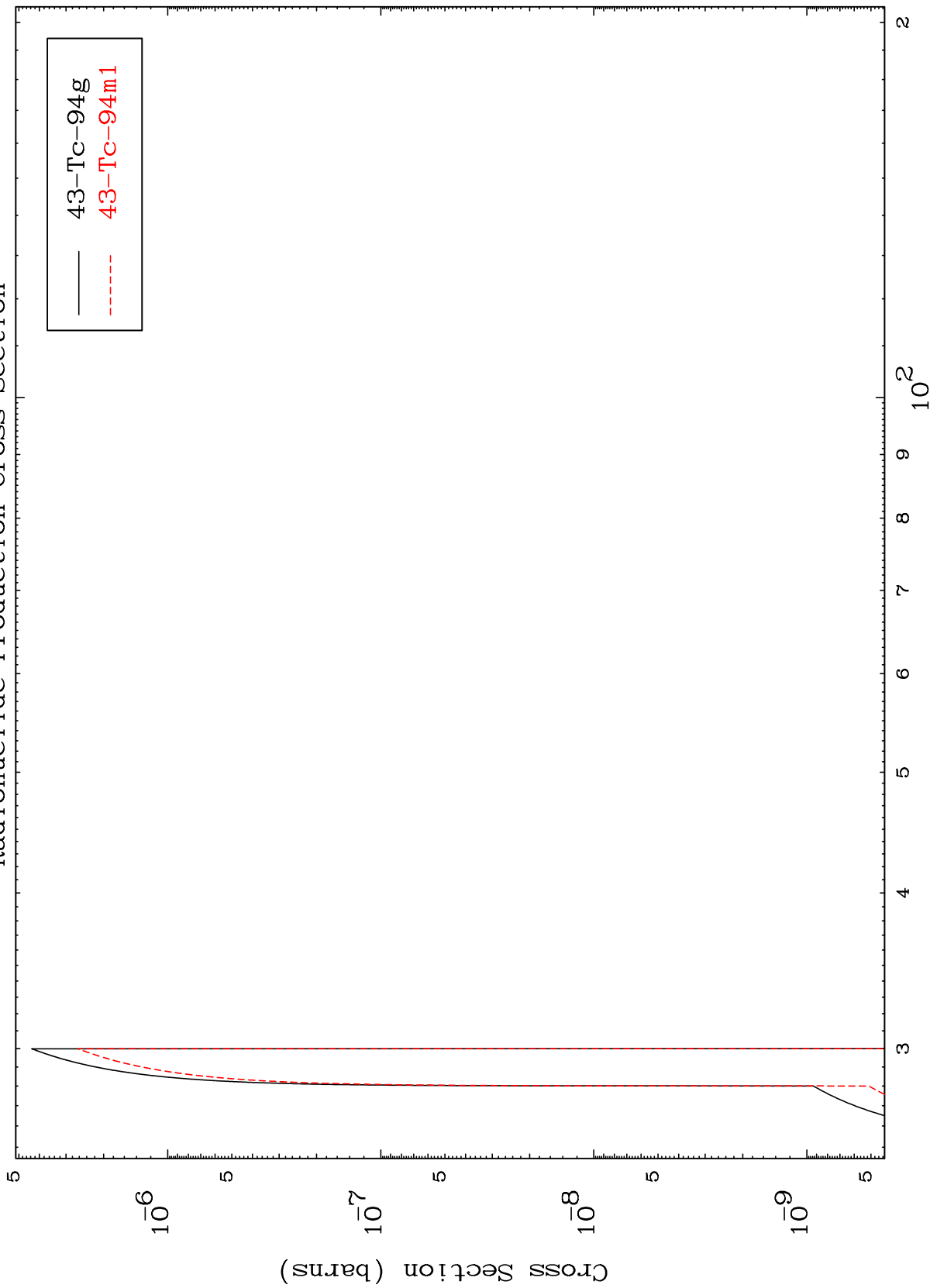
— (n, α)
- - - (n, 2α)

MAT 4320

(n,2n) d

43-Tc-97m

Radionuclide Production Cross Section



43-Tc-94g
43-Tc-94m1

12

Incident Energy (MeV)

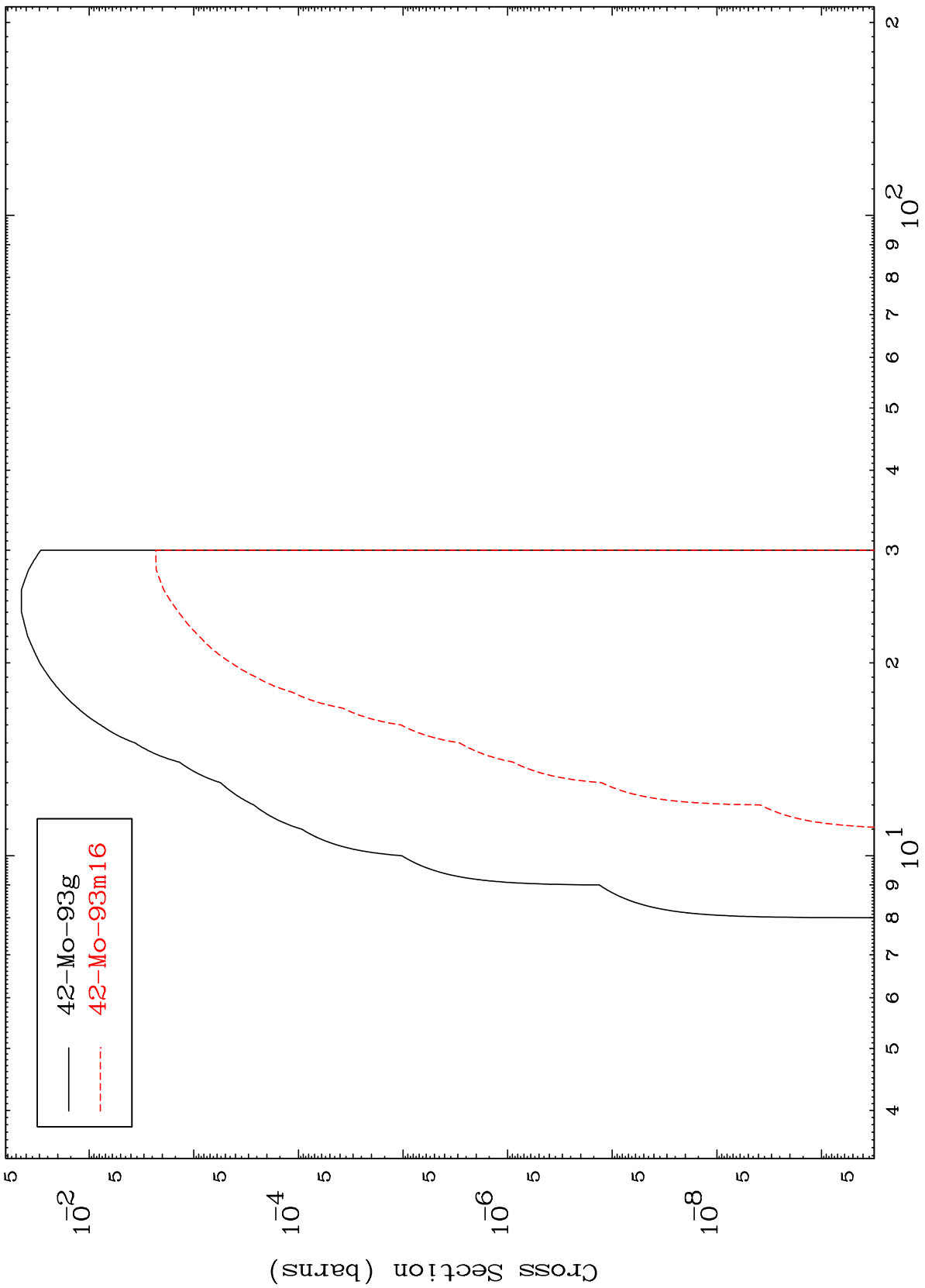
43-Tc-97m

MAT 4320

(n,n') α

43-Tc-97m

Radionuclide Production Cross Section



— 42-Mo-93g
- - - 42-Mo-93m16

13

Incident Energy (MeV)

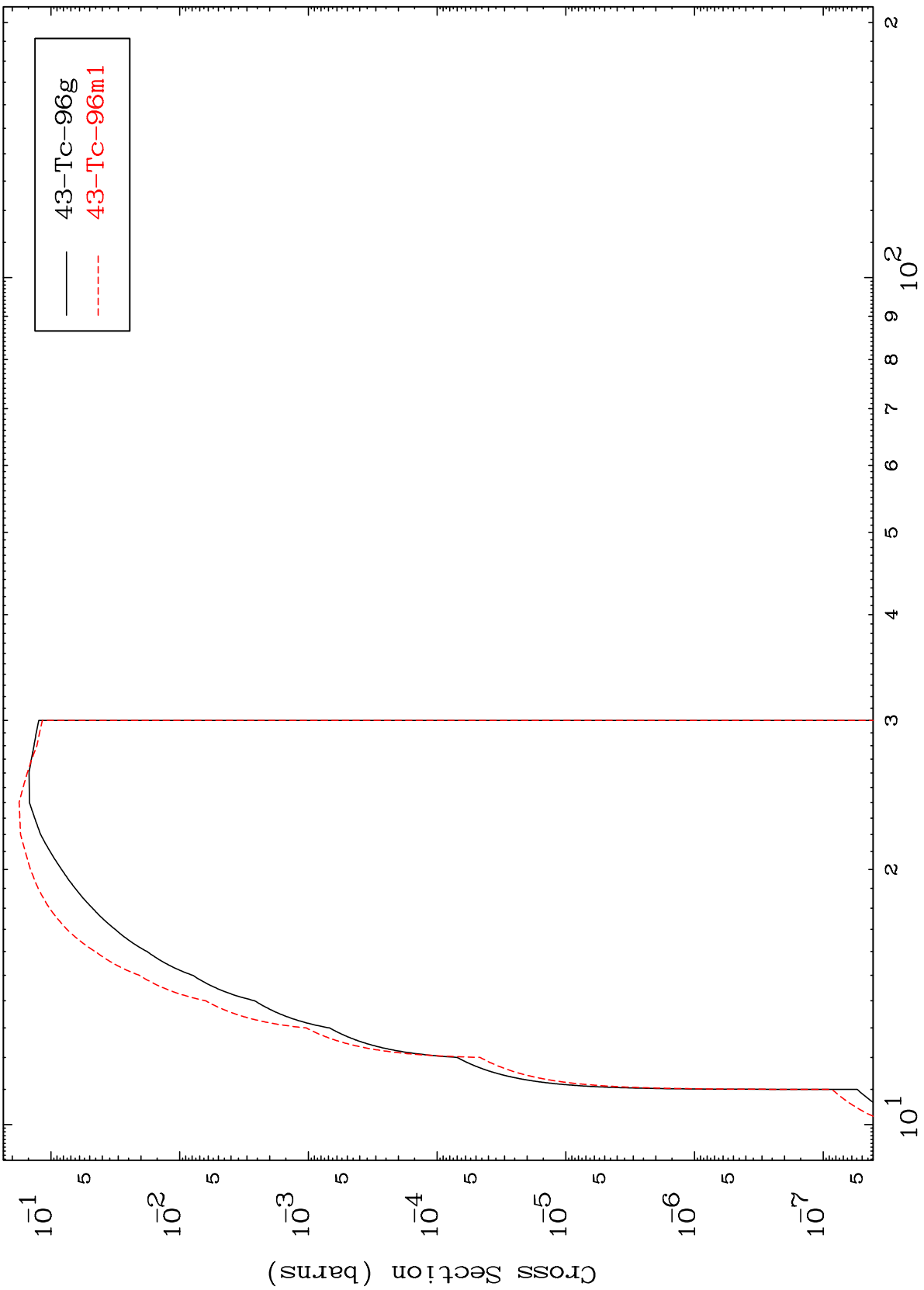
43-Tc-97m

MAT 4320

(n,n') p

43-Tc-97m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

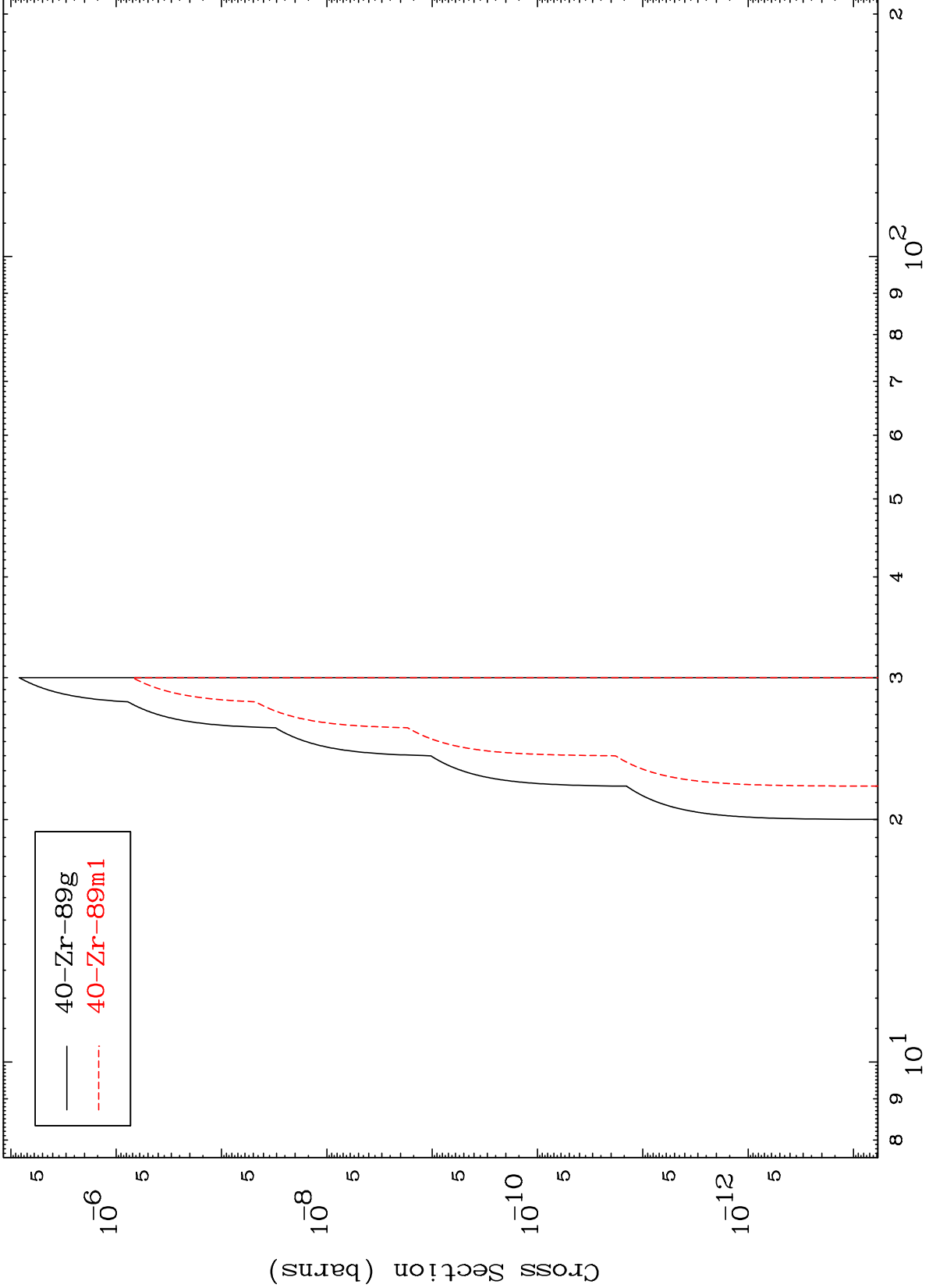
43-Tc-97m

MAT 4320

(n,n') 2 α

43-Tc-97m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

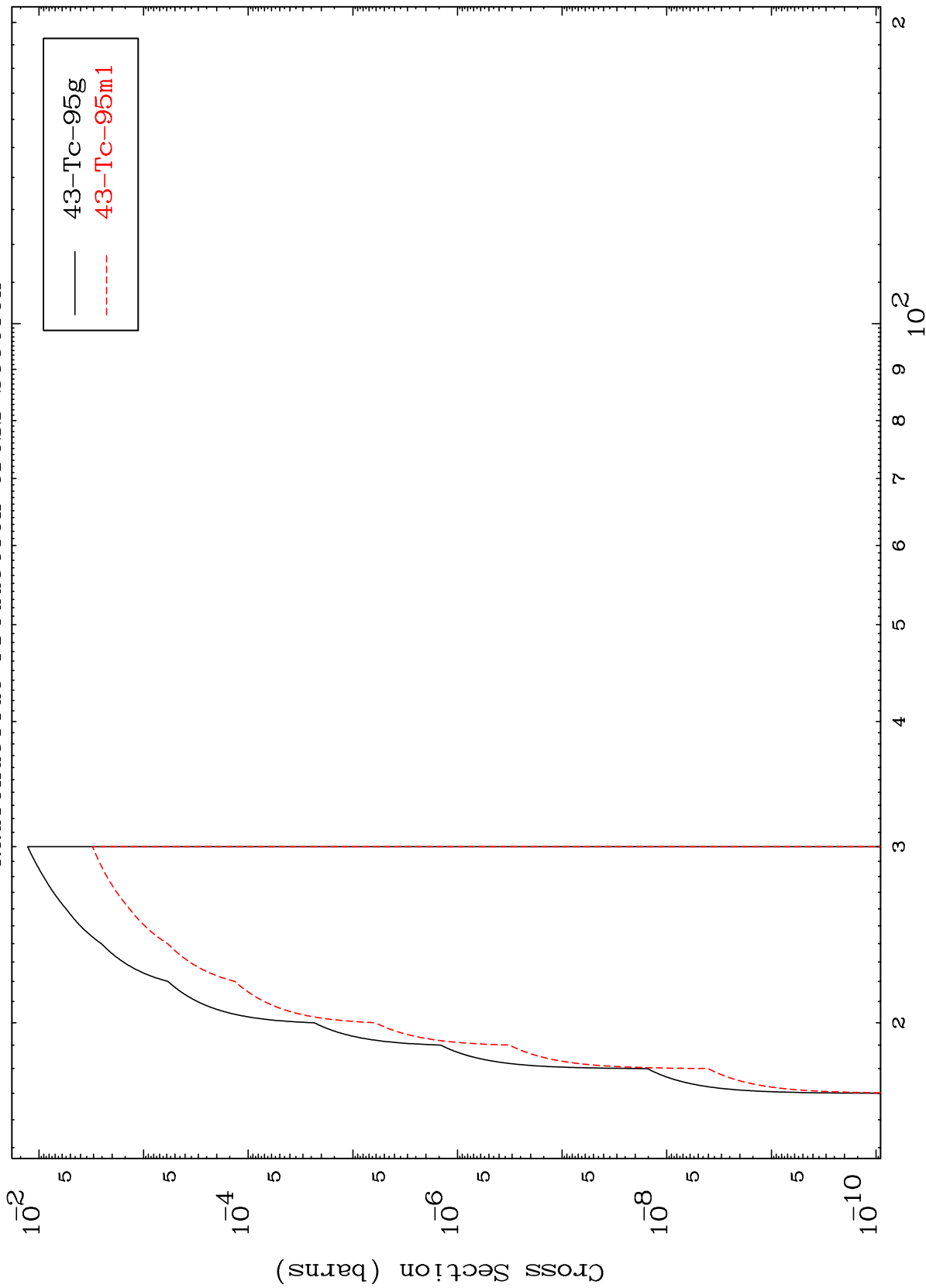
43-Tc-97m

MAT 4320

(n,n') d

43-Tc-97m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

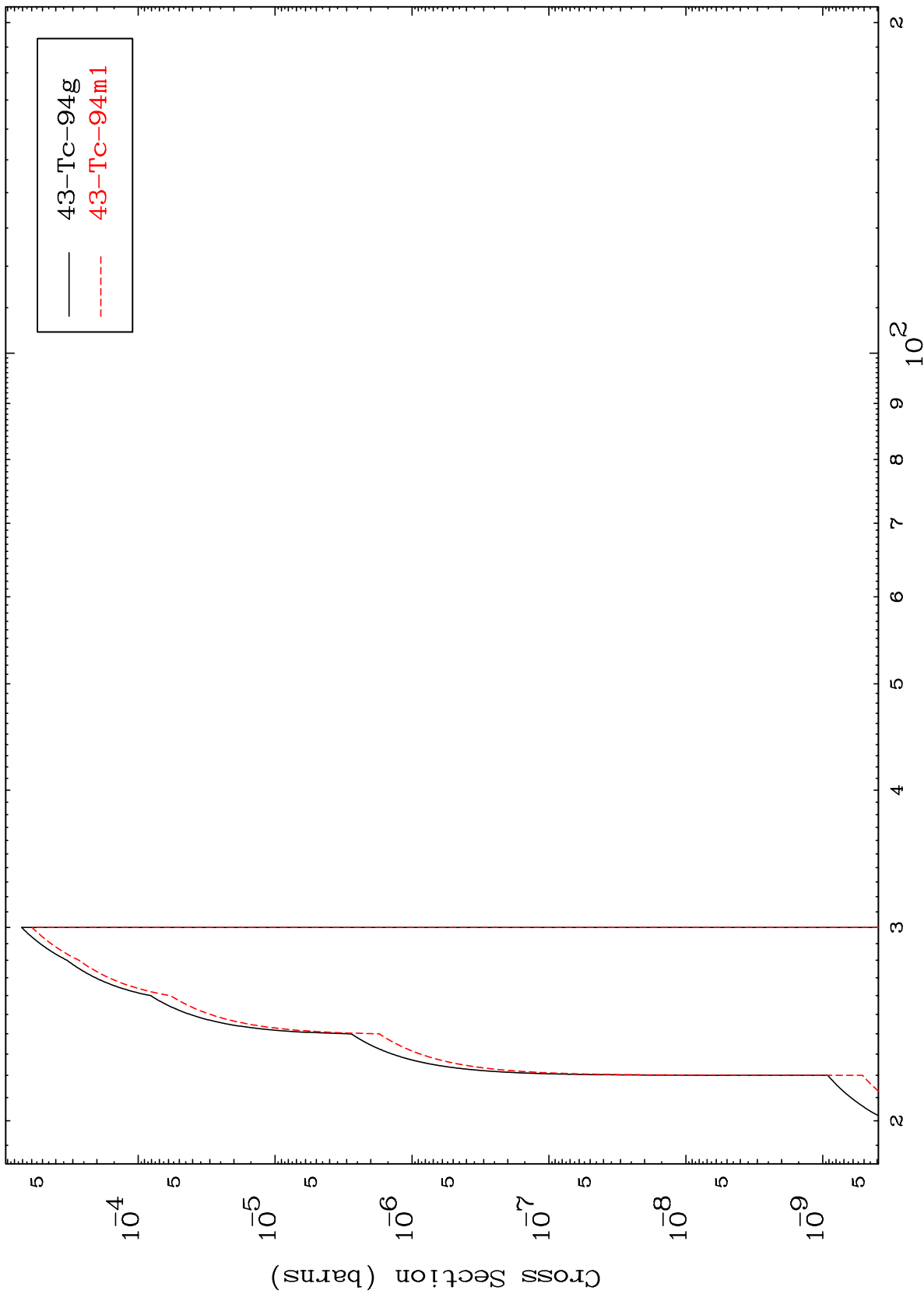
43-Tc-97m

MAT 4320

(n,n') t

43-Tc-97m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

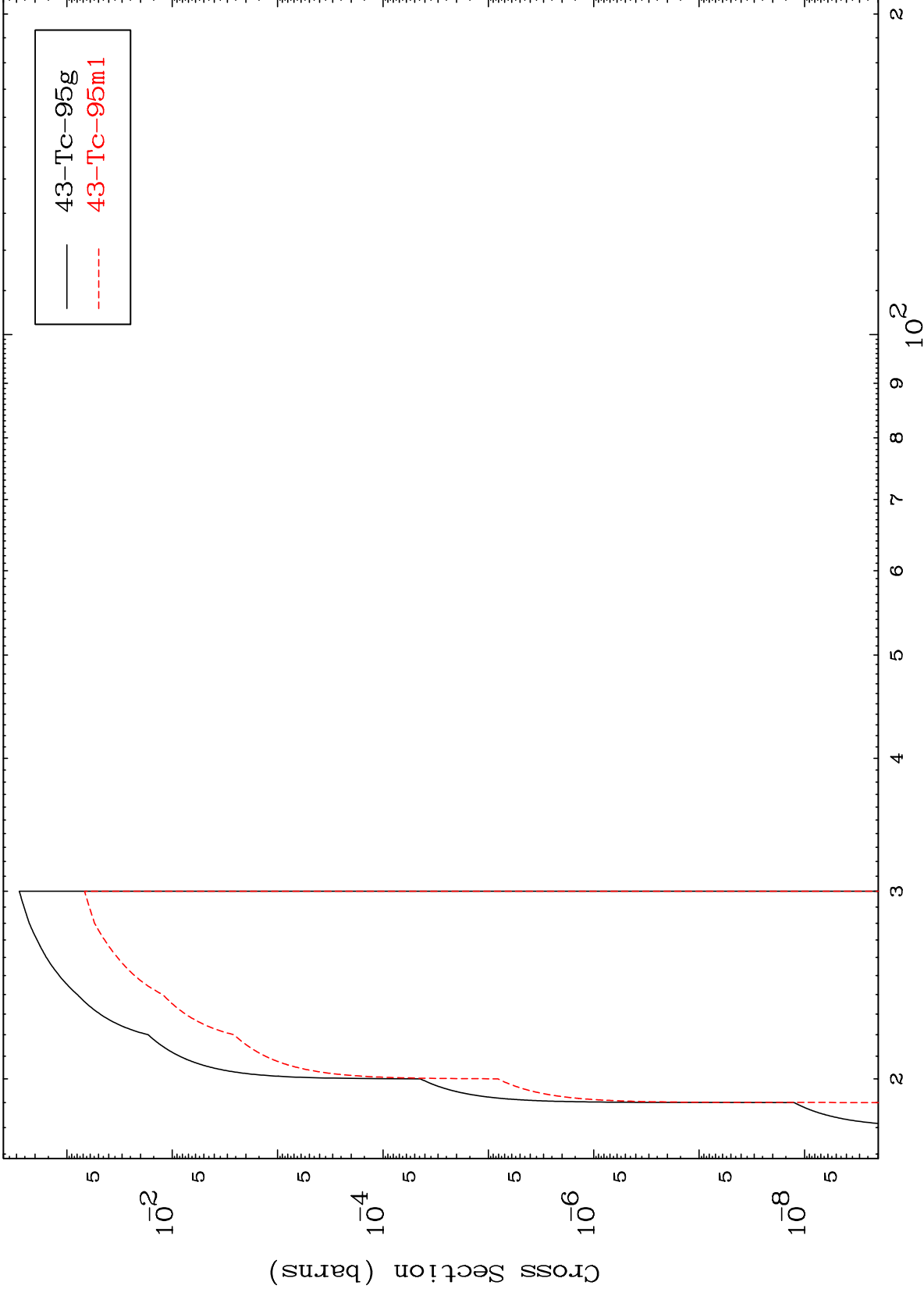
43-Tc-97m

MAT 4320

(n,2n) p

43-Tc-97m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

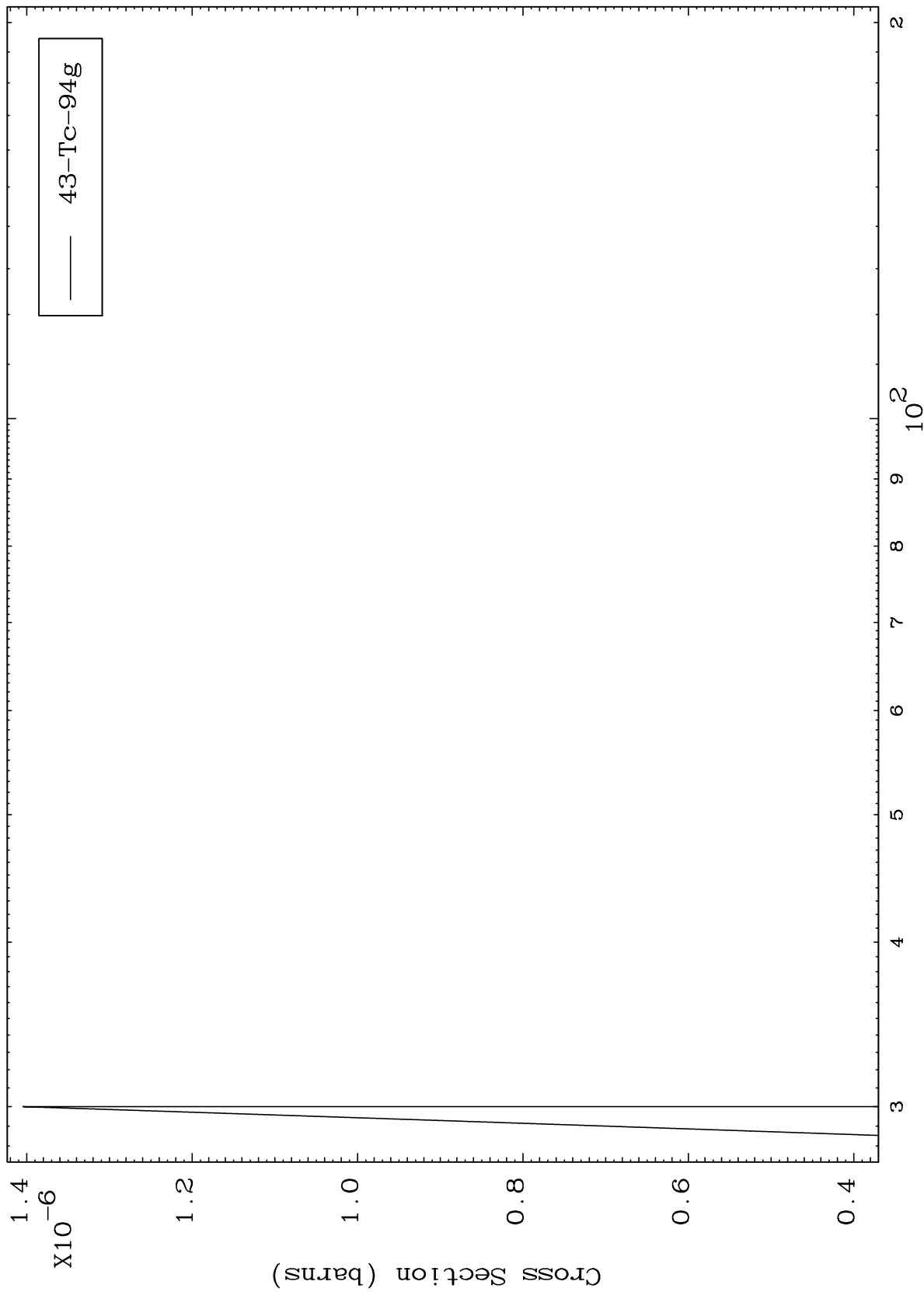
43-Tc-97m

MAT 4320

43-Tc-97m

(n,3n) p

Radionuclide Production Cross Section



19

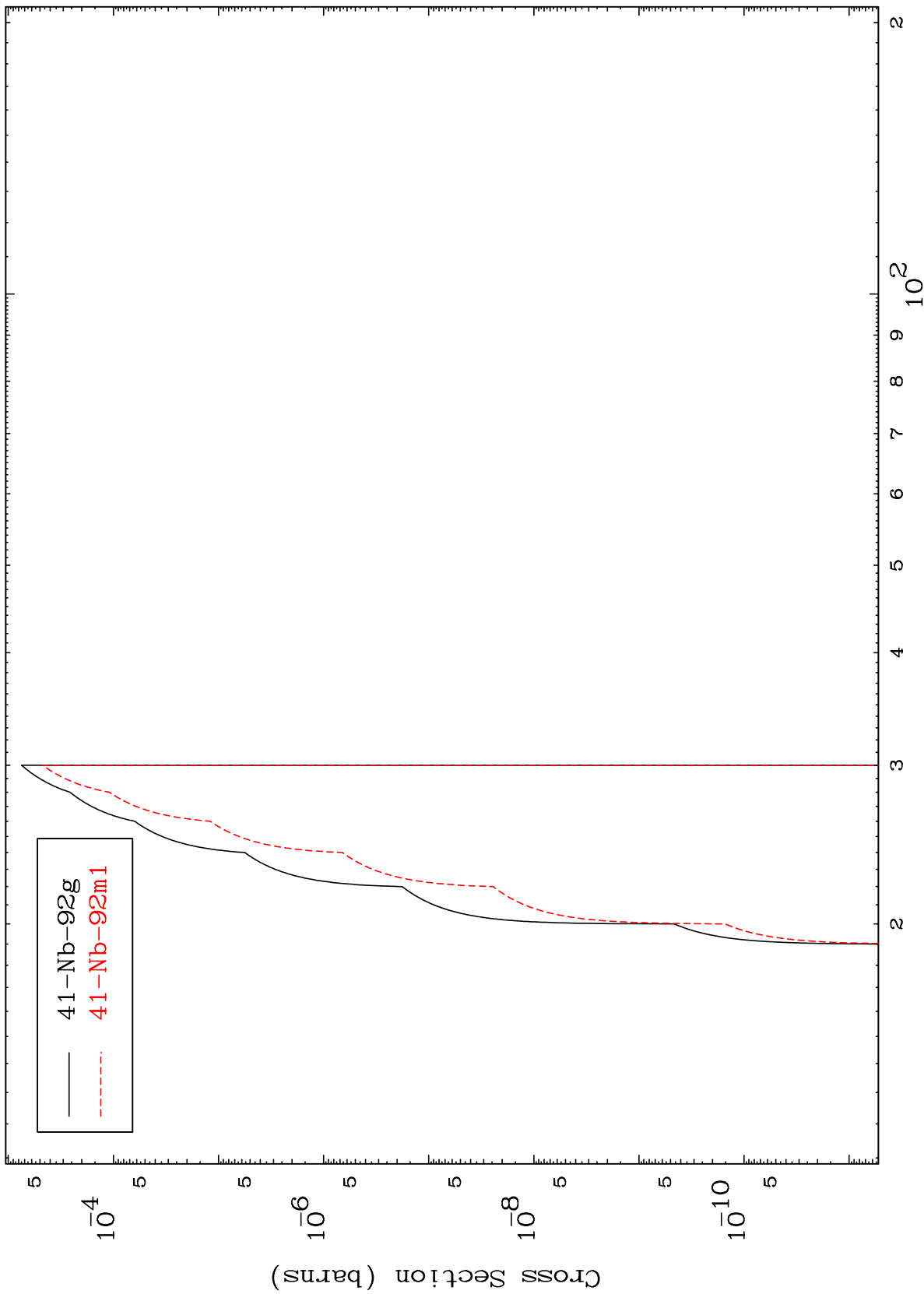
Incident Energy (MeV)

43-Tc-97m

MAT 4320

43-Tc-97m

(n,n') p α
Radionuclide Production Cross Section



20

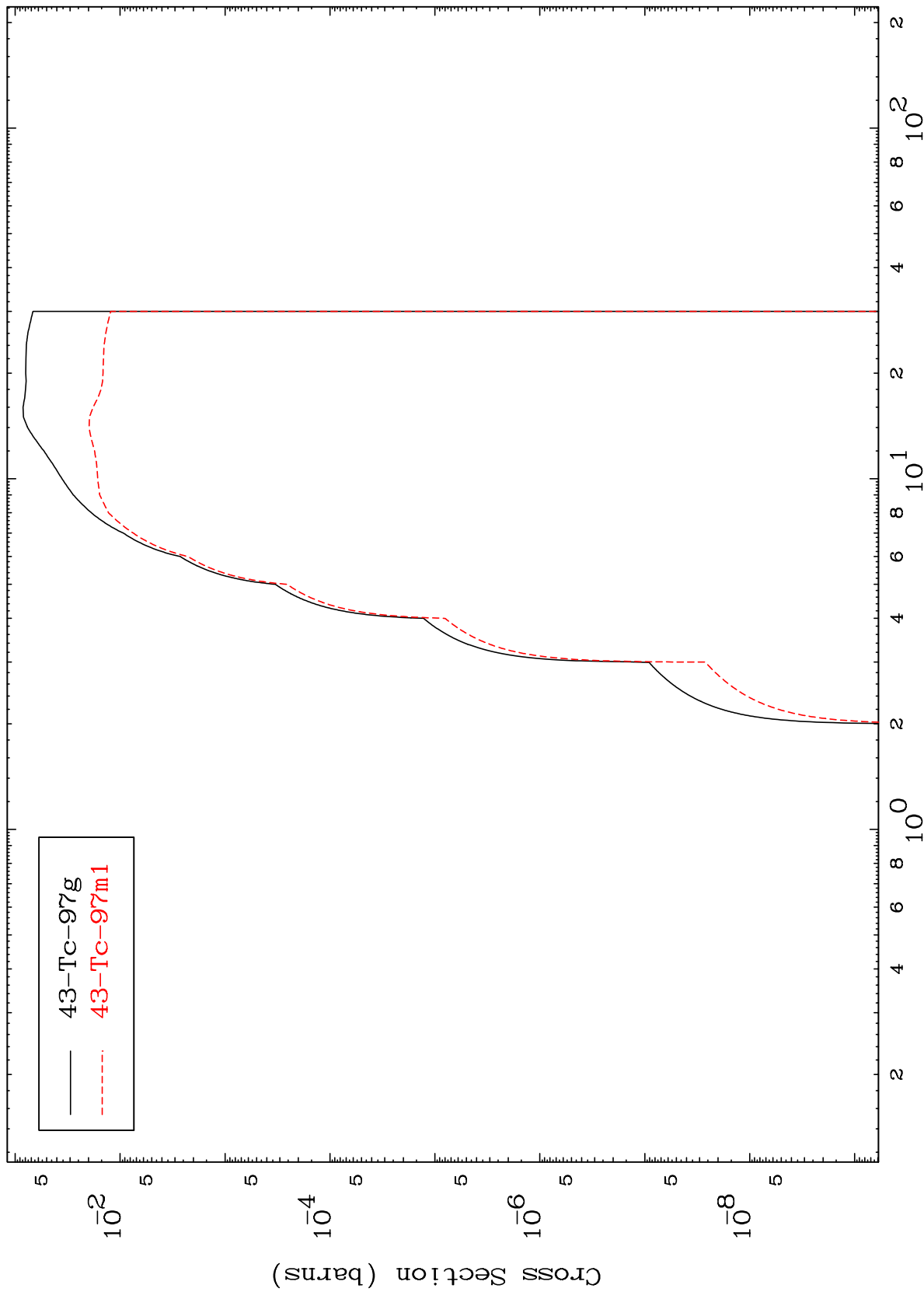
Incident Energy (MeV)

43-Tc-97m

MAT 4320

⁴³Tc-97m

(n,p)
Radionuclide Production Cross Section

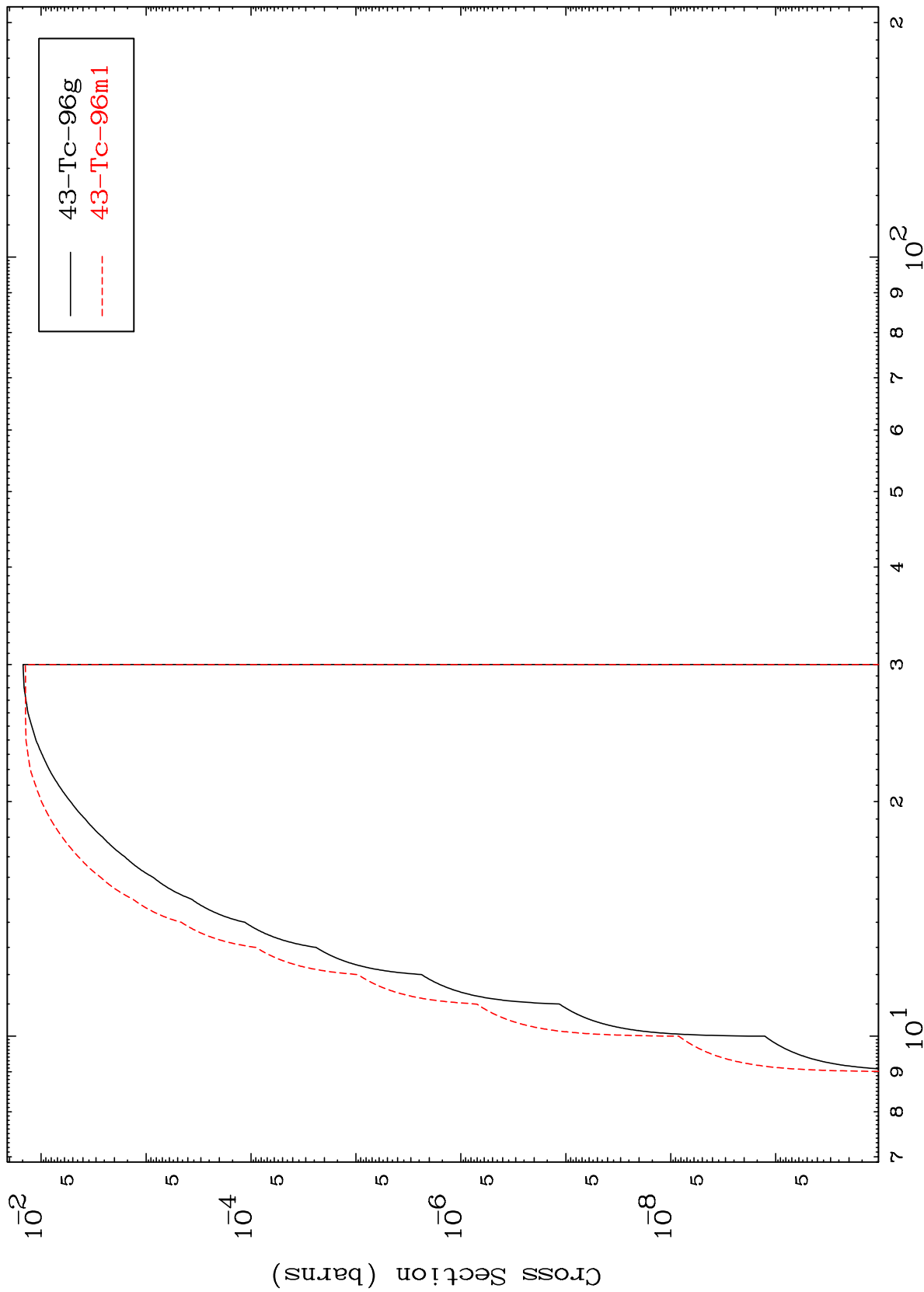


MAT 4320

(n,d)

43-Tc-97m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

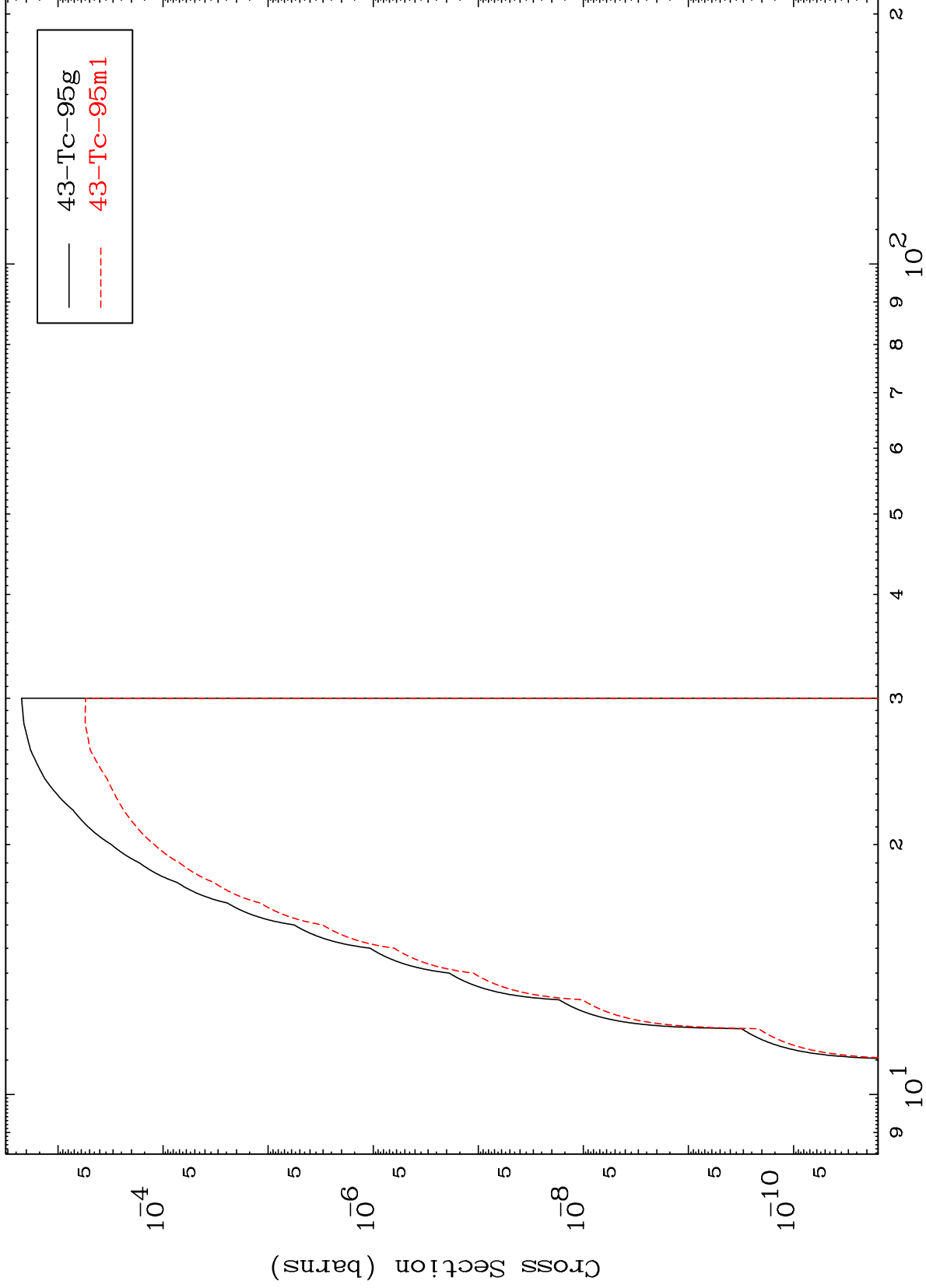
43-Tc-97m

MAT 4320

(n, t)

43-Tc-97m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

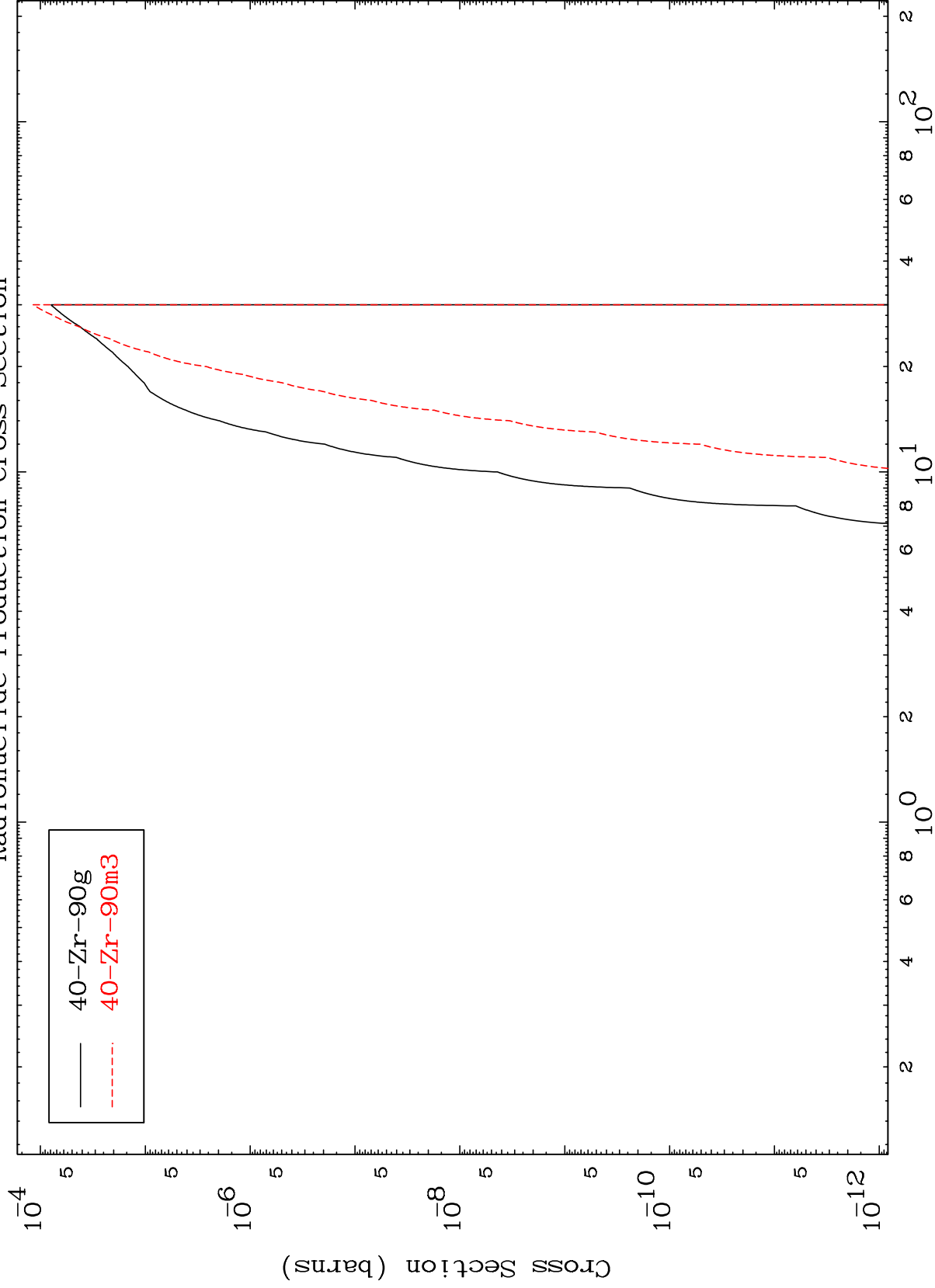
43-Tc-97m

MAT 4320

(n,2α)

43-Tc-97m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

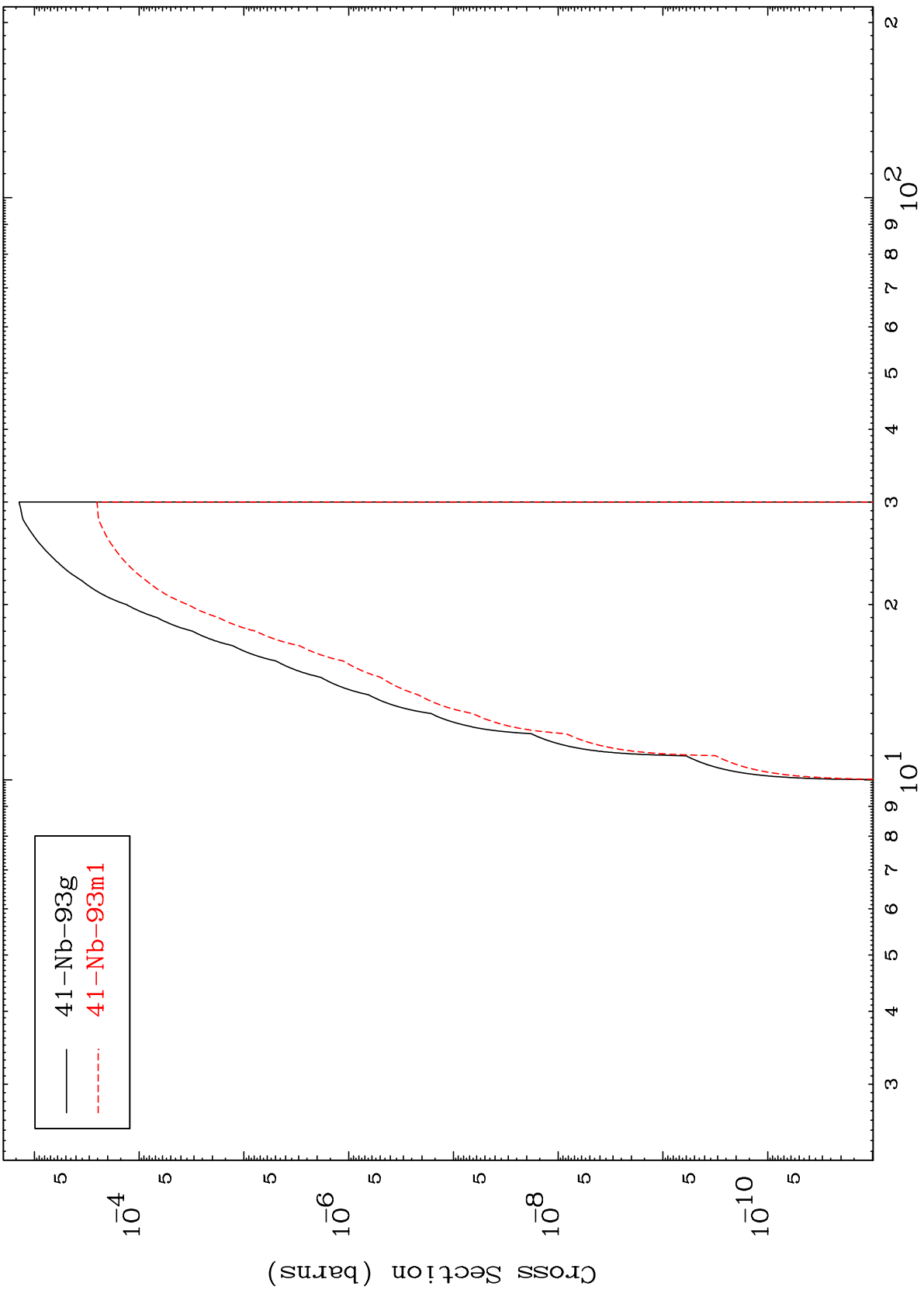
43-Tc-97m

MAT 4320

(n,p) α

$^{43}\text{Tc-97m}$

Radionuclide Production Cross Section



— 41-Nb-93g
- - - 41-Nb-93m1

25

Incident Energy (MeV)

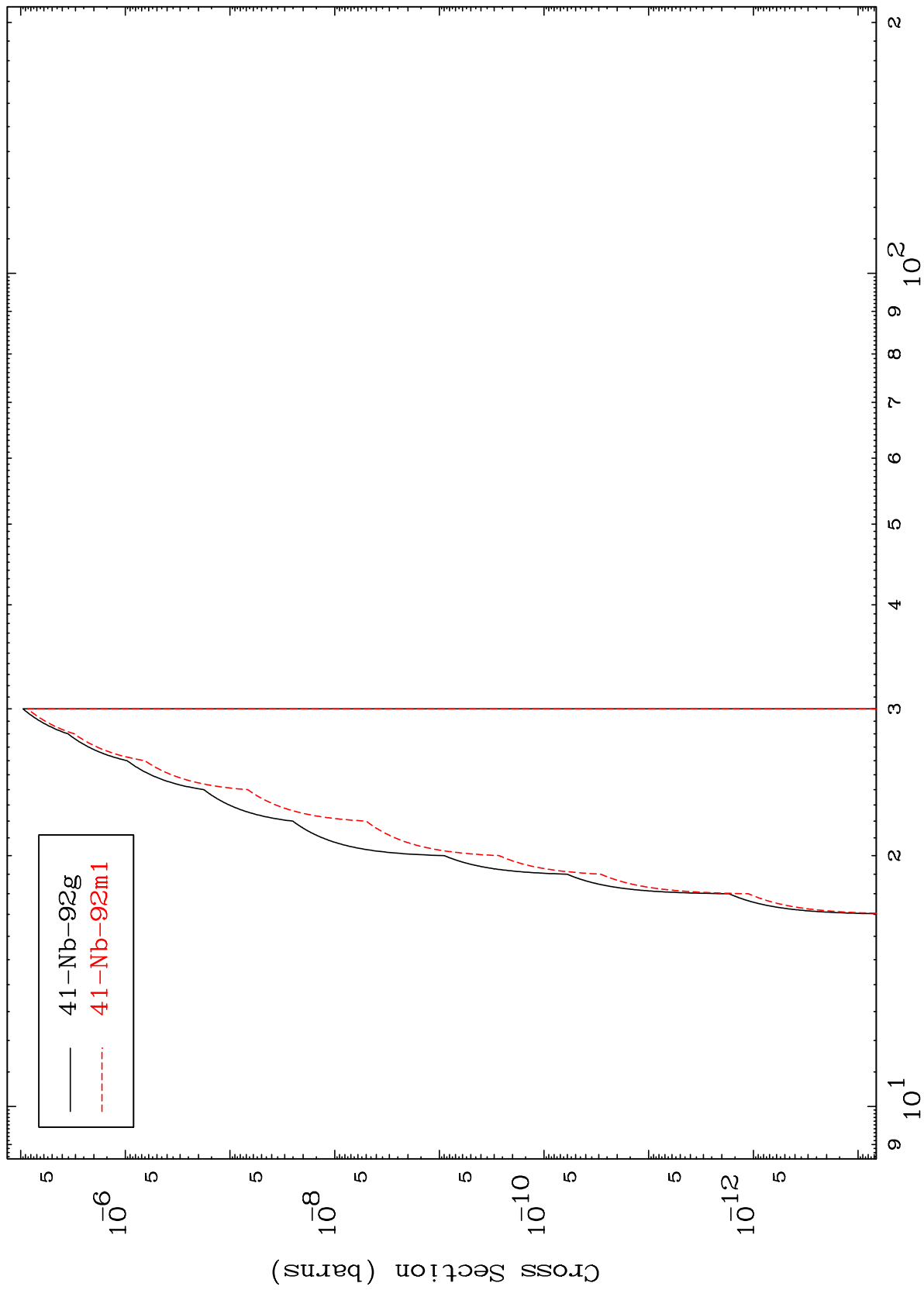
$^{43}\text{Tc-97m}$

MAT 4320

43-Tc-97m

(n,d) α

Radionuclide Production Cross Section



26

Incident Energy (MeV)

43-Tc-97m