

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

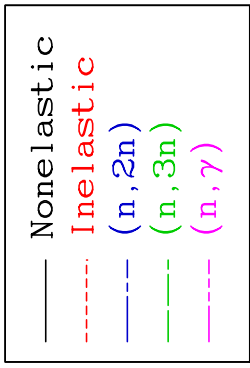
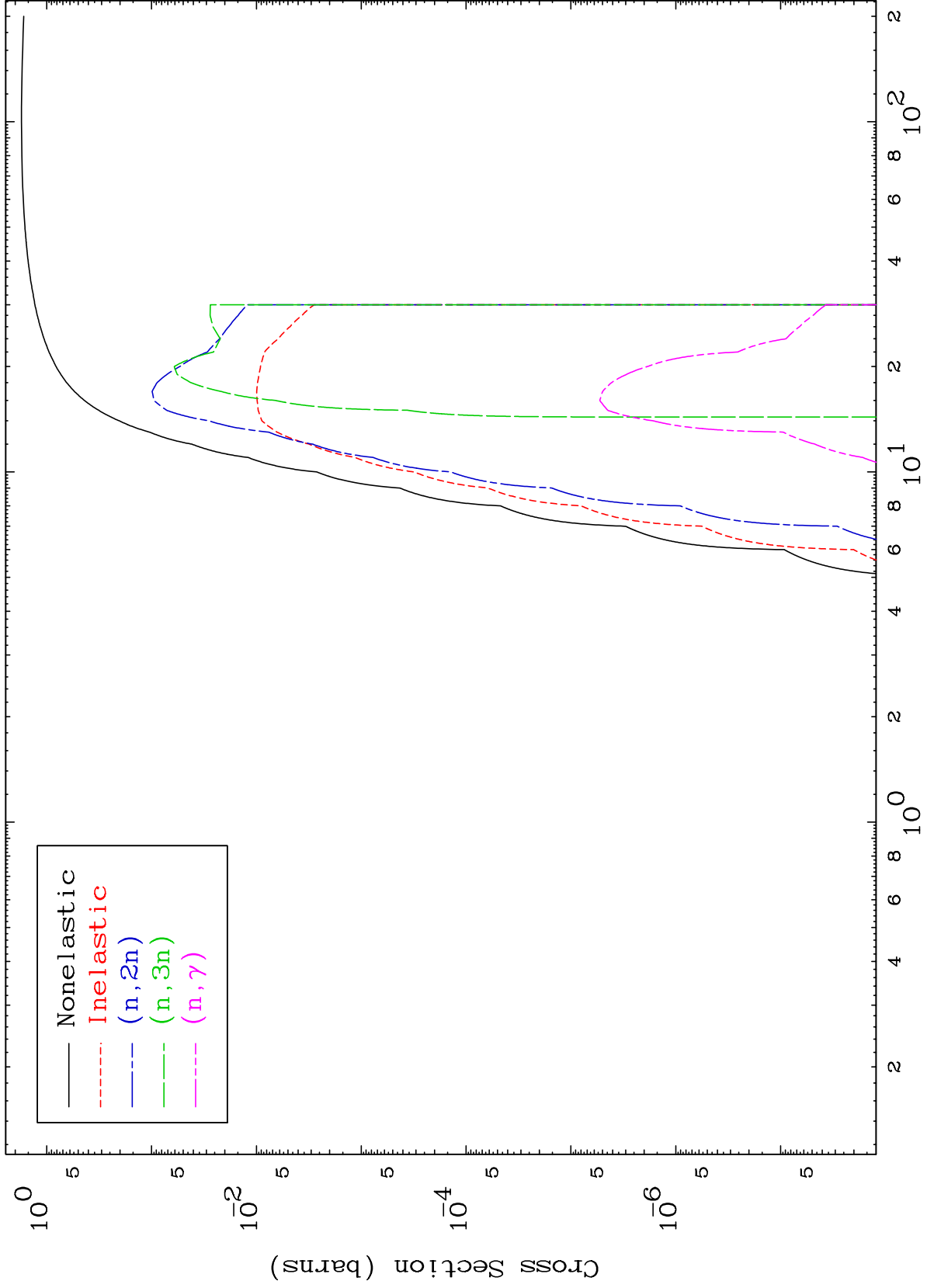
Press Mouse Button to Start

MAT 4319

He-3 Major

43-Tc-97

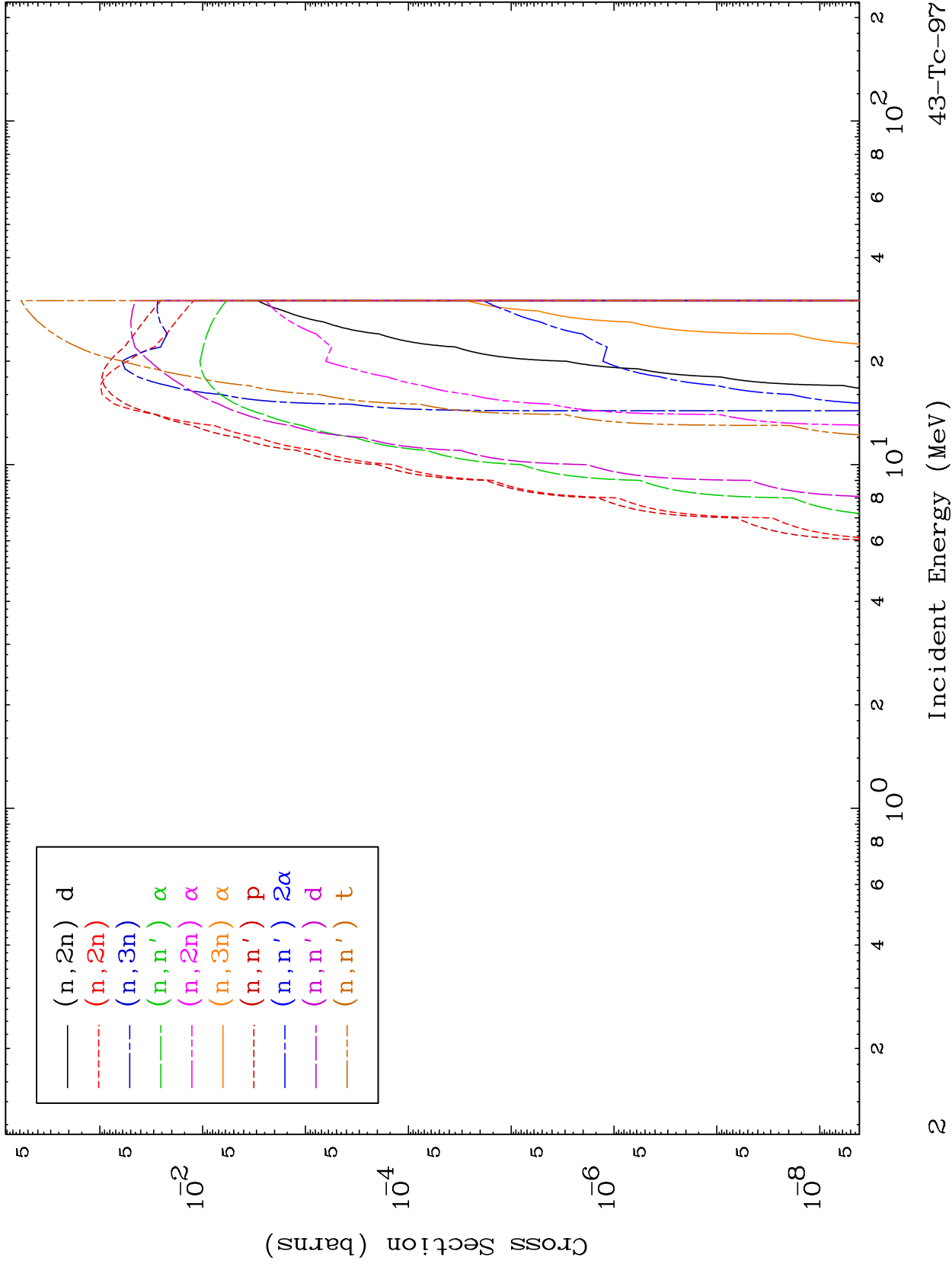
0 Kelvin Cross Sections



MAT 4319

He-3 Neutron Absorption  
0 Kelvin Cross Sections

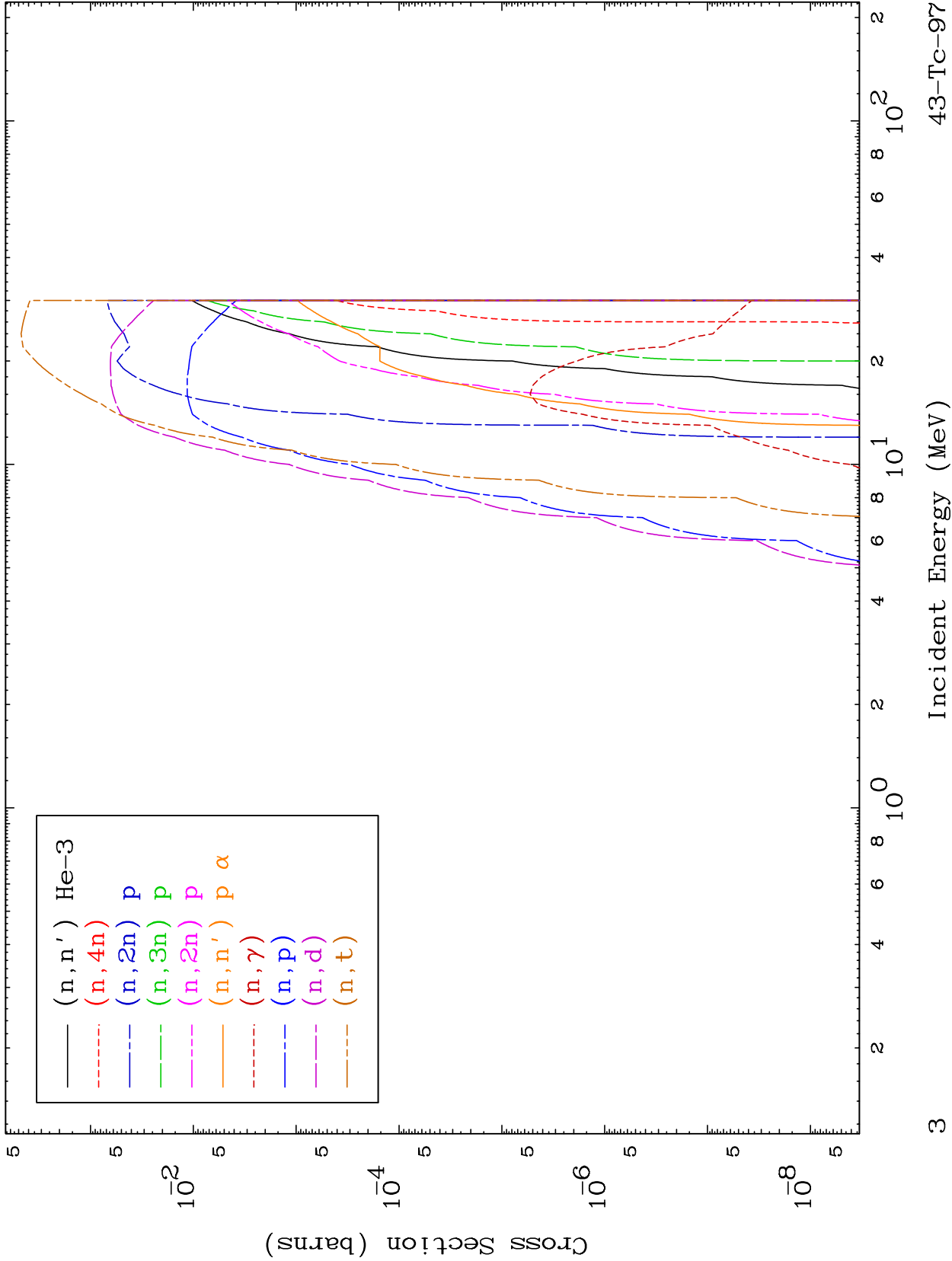
43-Tc-97



MAT 4319

He-3 Neutron Absorption  
0 Kelvin Cross Sections

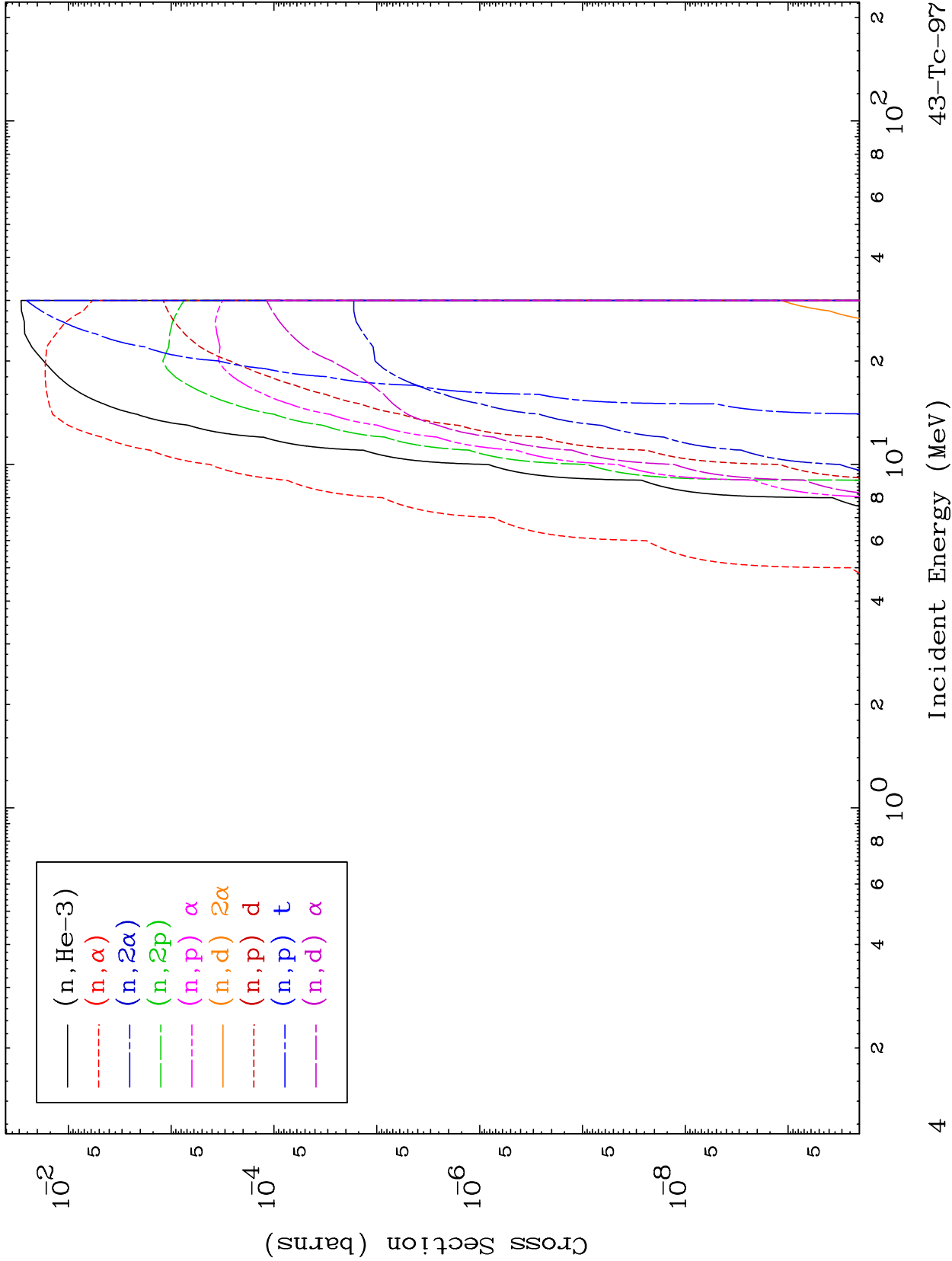
43-Tc-97



MAT 4319

He-3 Neutron Absorption  
0 Kelvin Cross Sections

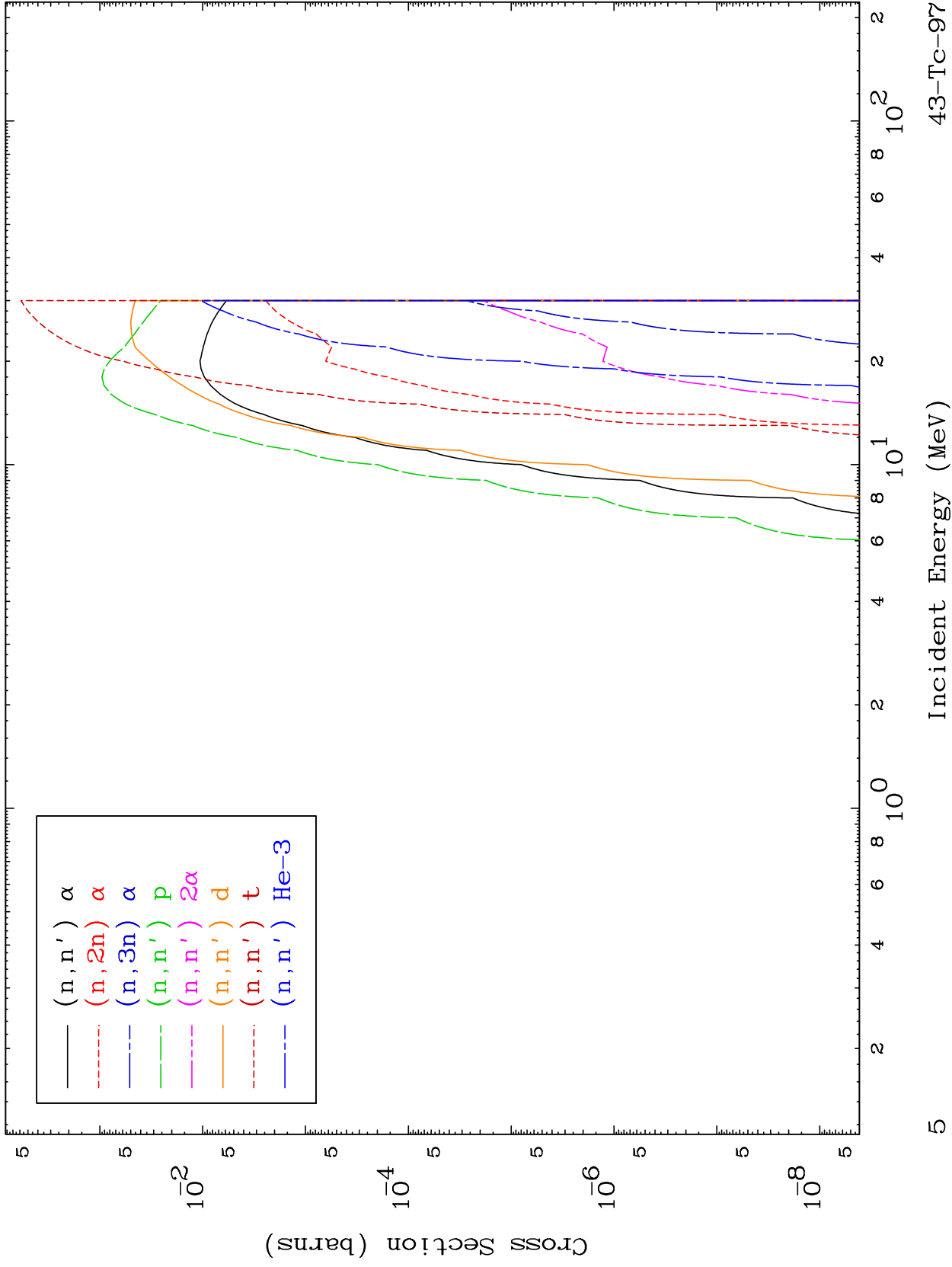
43-Tc-97



MAT 4319

He-3 Charged Particle  
0 Kelvin Cross Sections

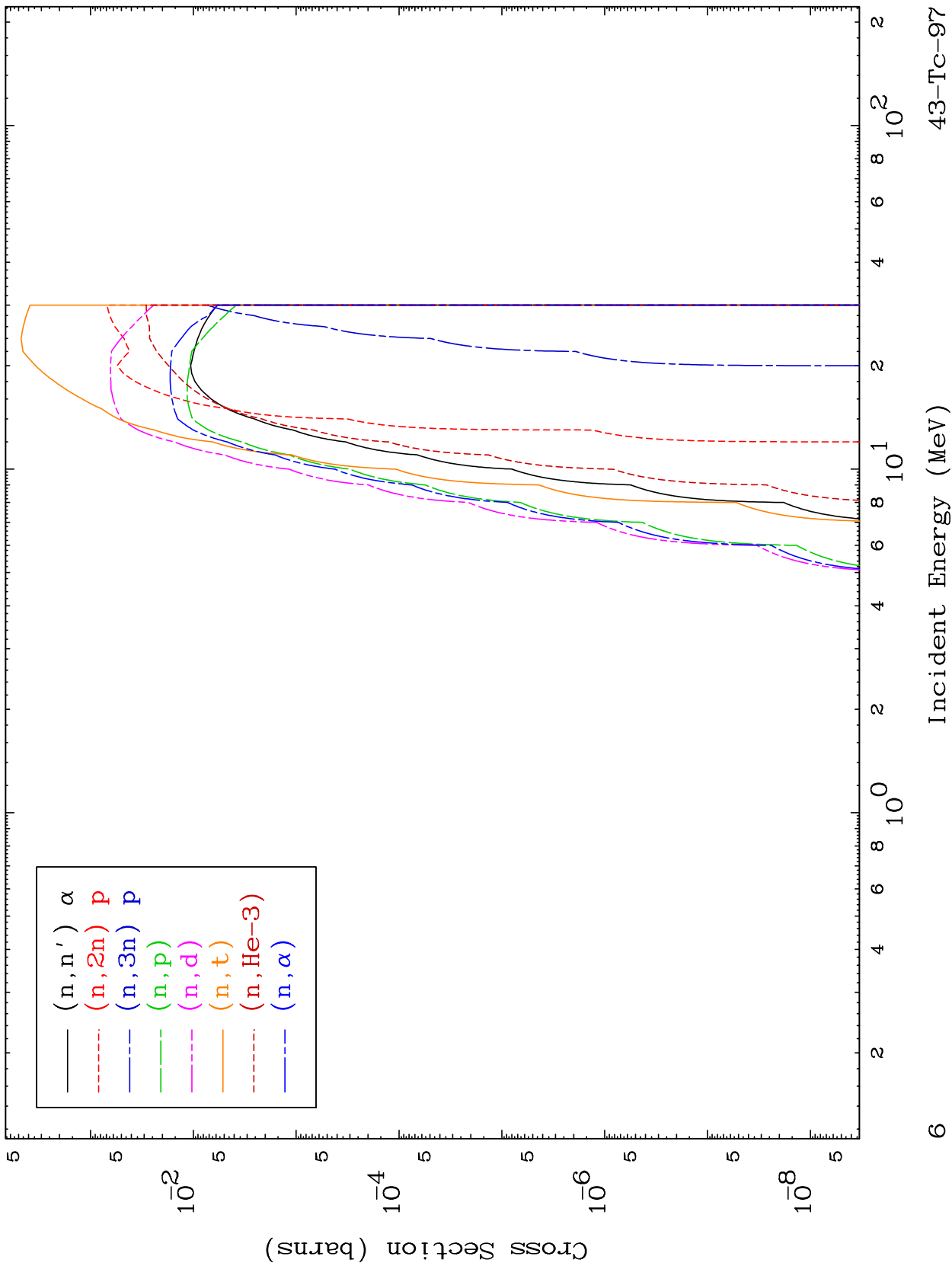
43-Tc-97

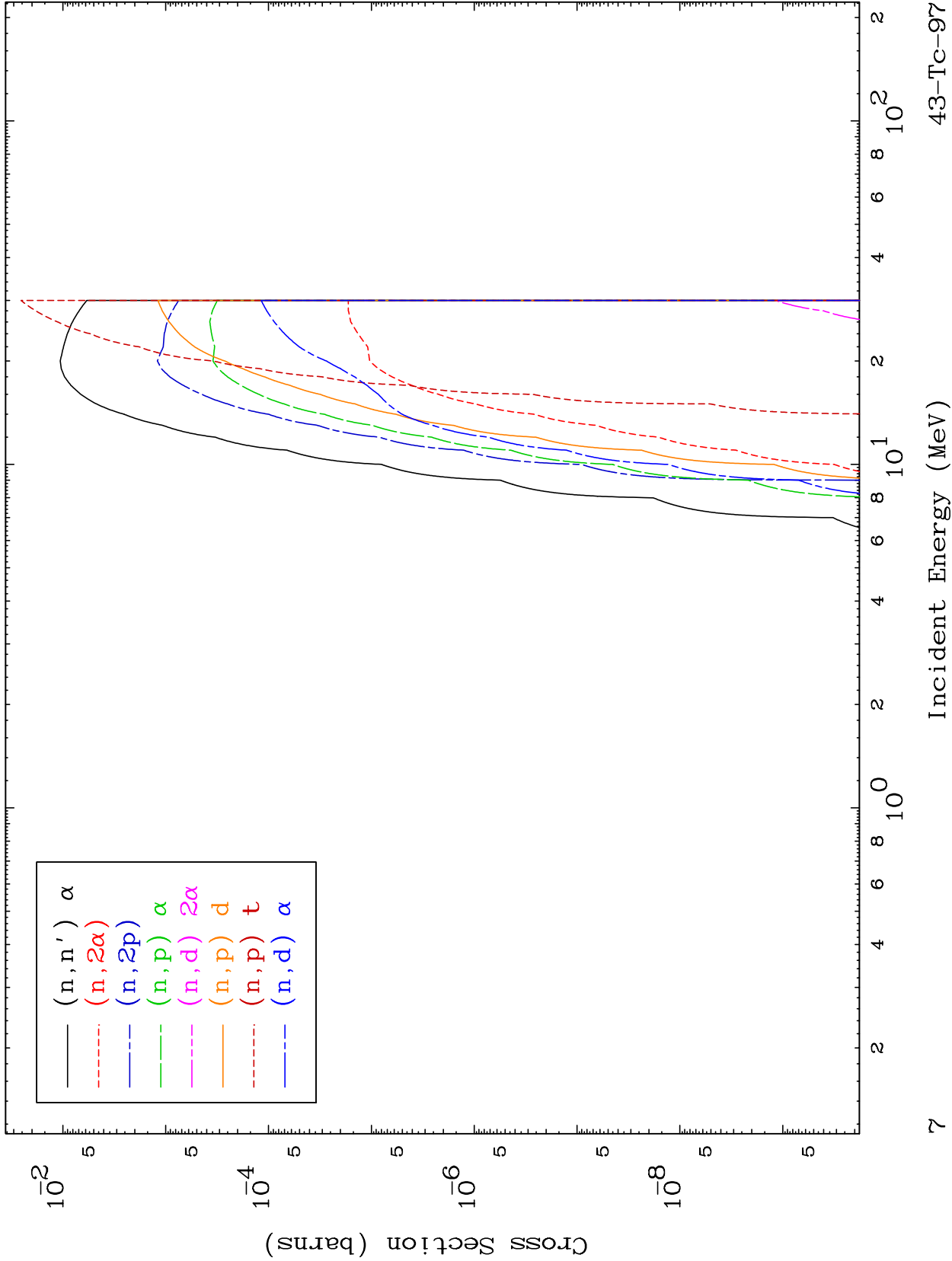


MAT 4319

He-3 Charged Particle  
0 Kelvin Cross Sections

43-Tc-97



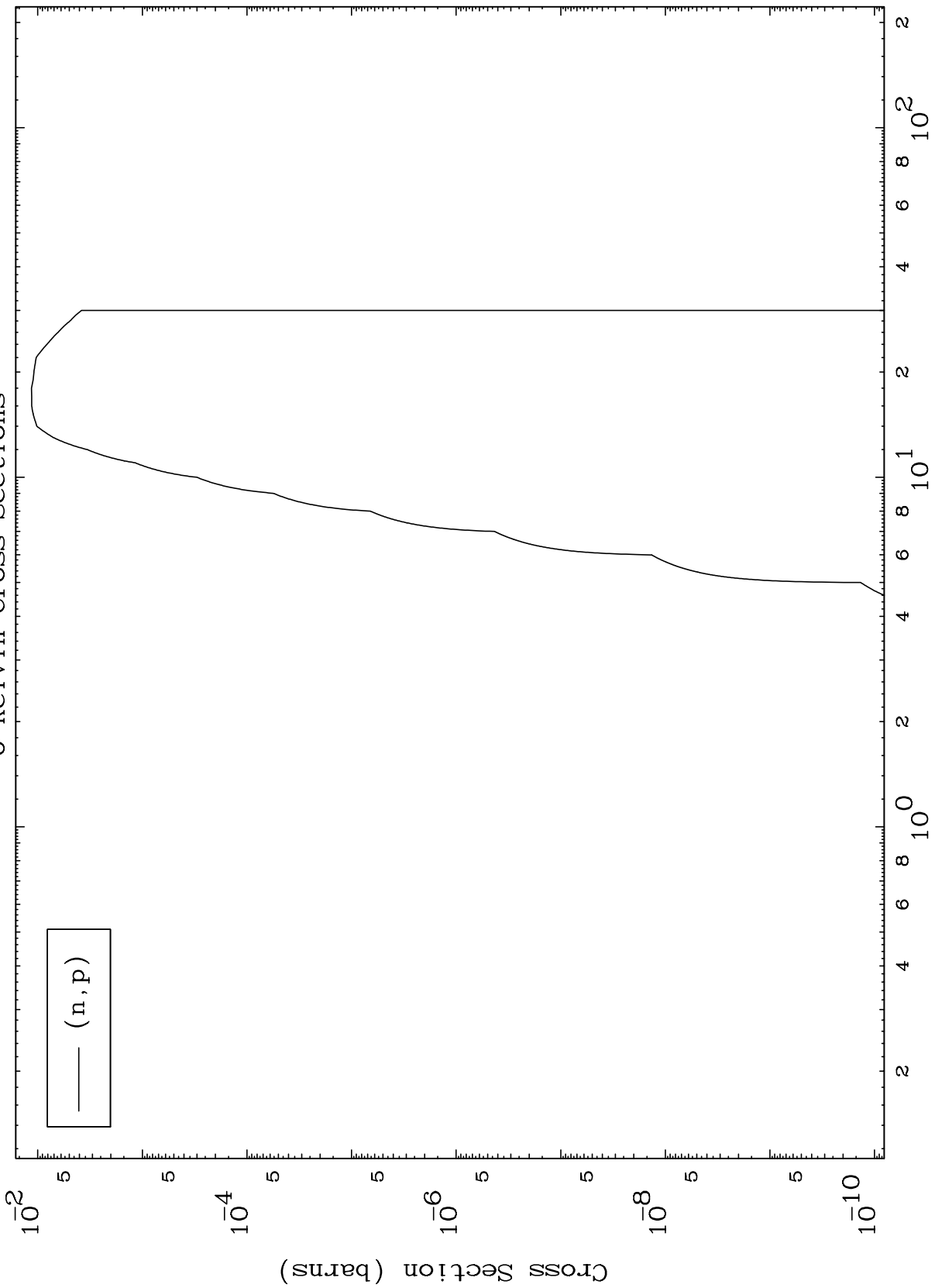


MAT 4319

(He-3,p) Levels

43-Tc-97

0 Kelvin Cross Sections

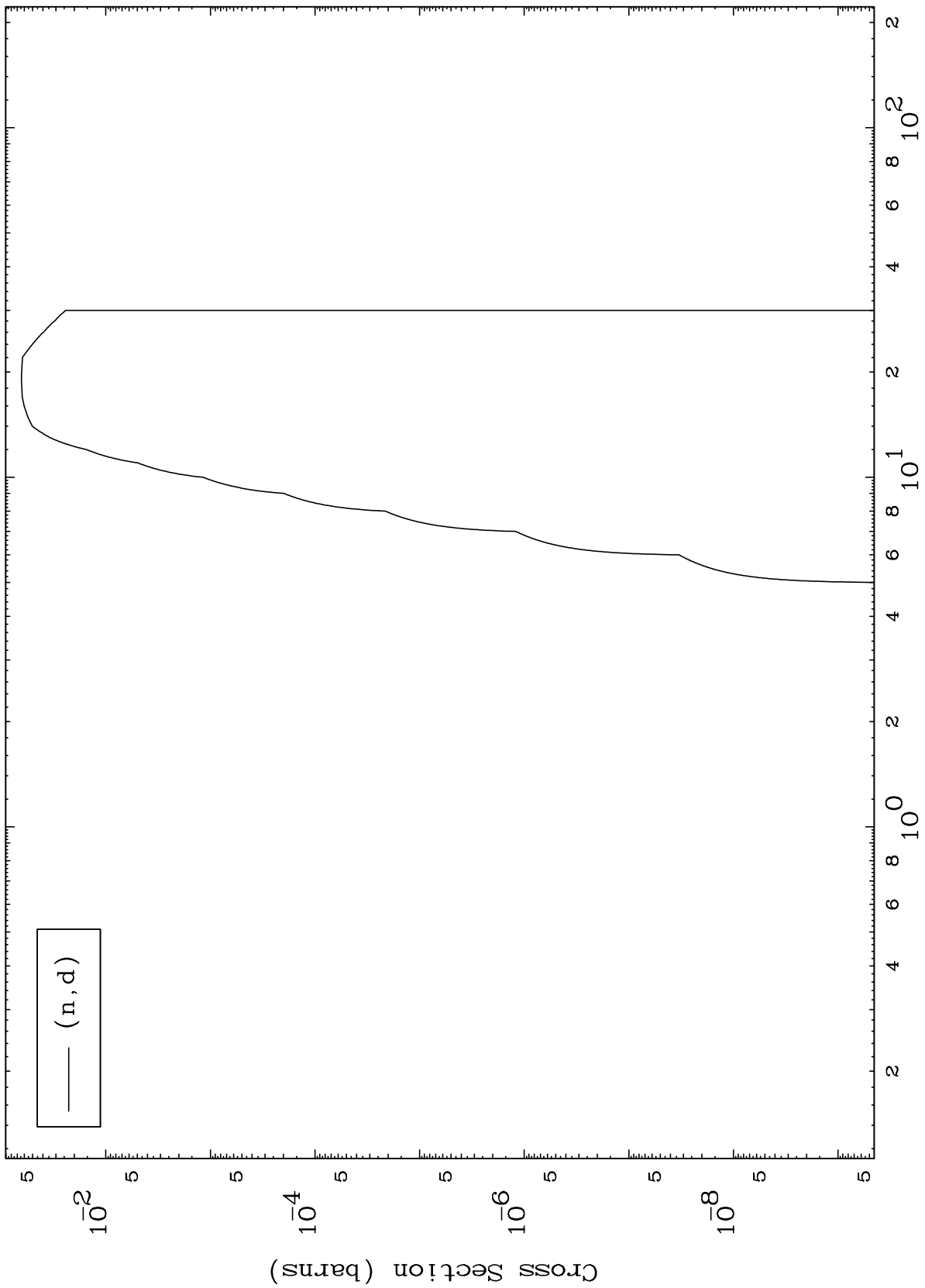


MAT 4319

(He-3,d) Levels

43-Tc-97

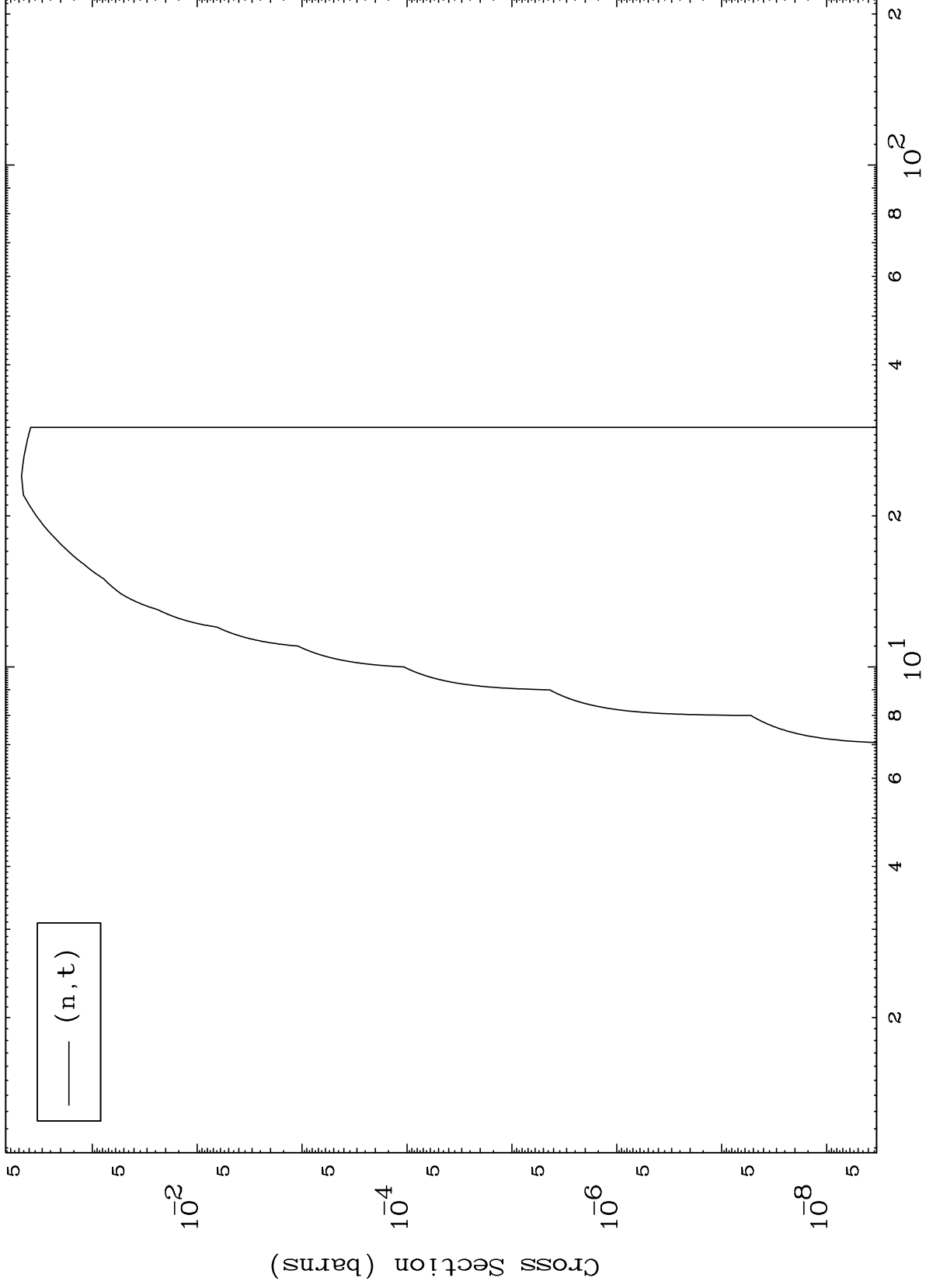
0 Kelvin Cross Sections



MAT 4319

(He-3,t) Levels  
0 Kelvin Cross Sections

43-Tc-97



10

Incident Energy (MeV)

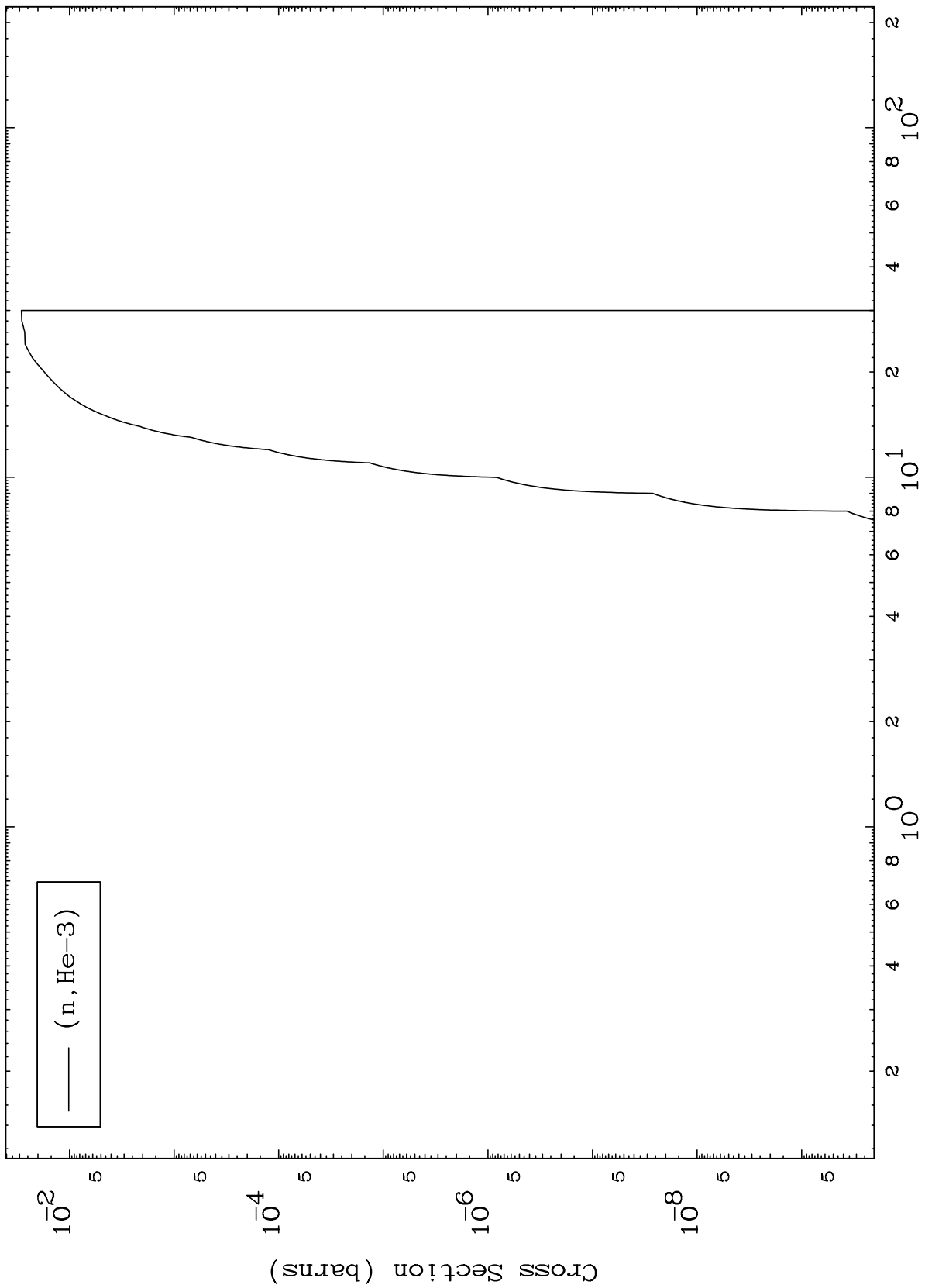
43-Tc-97

MAT 4319

(He-3, He3) Levels

43-Tc-97

0 Kelvin Cross Sections

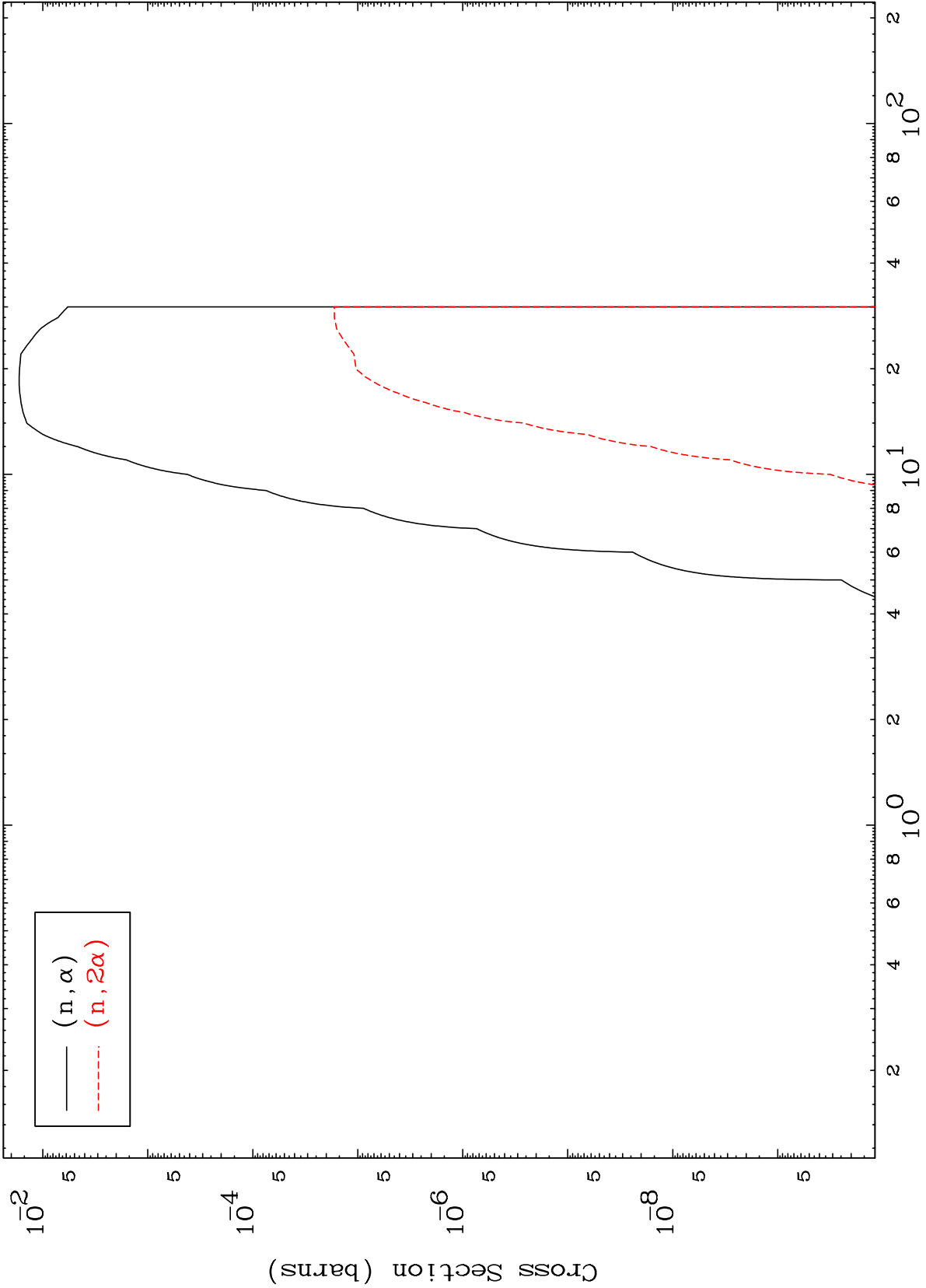


MAT 4319

(He-3,  $\alpha$ ) Levels

43-Tc-97

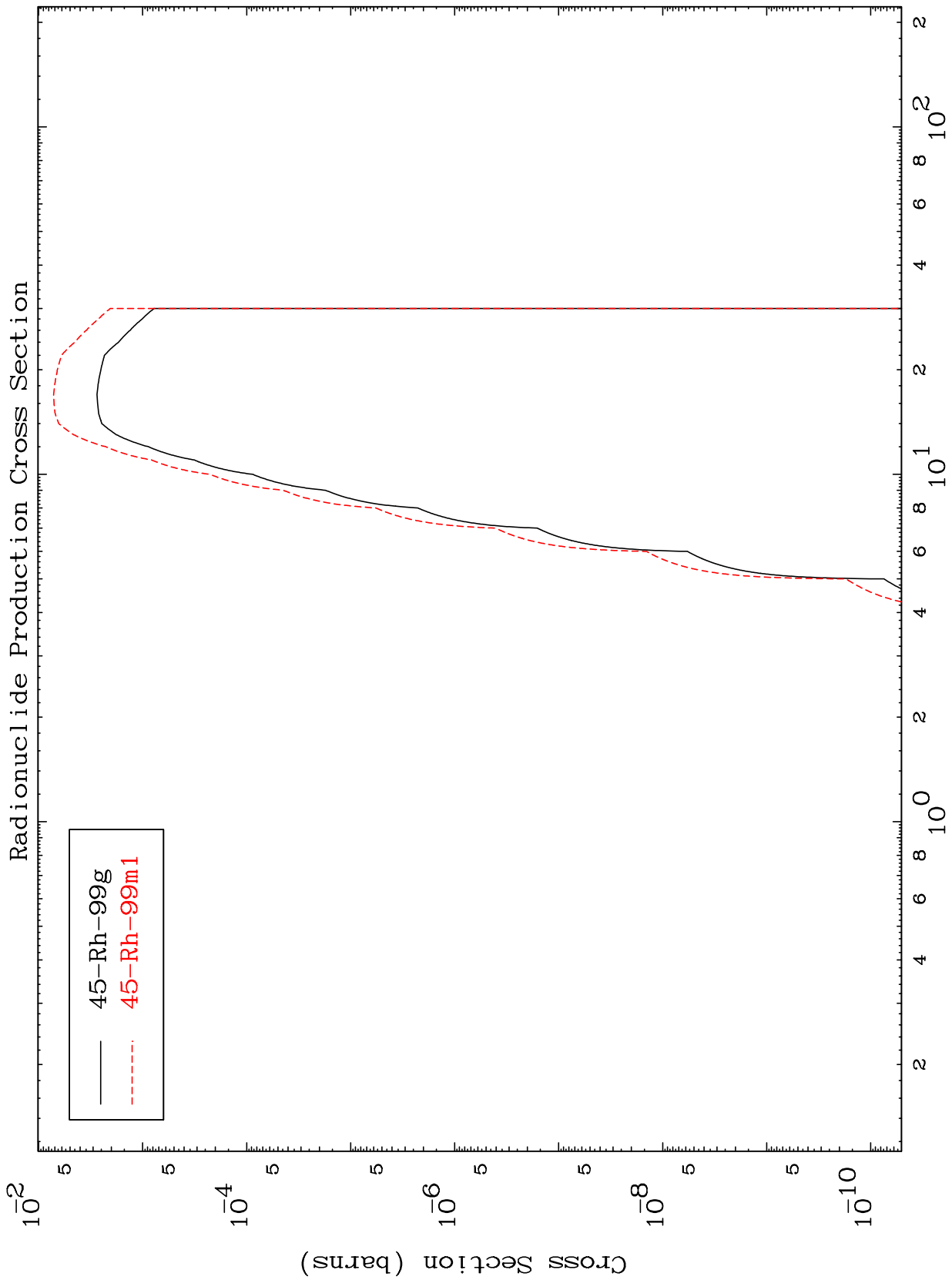
0 Kelvin Cross Sections



MAT 4319

43-Tc-97

Inelastic  
Radionuclide Production Cross Section



43-Tc-97

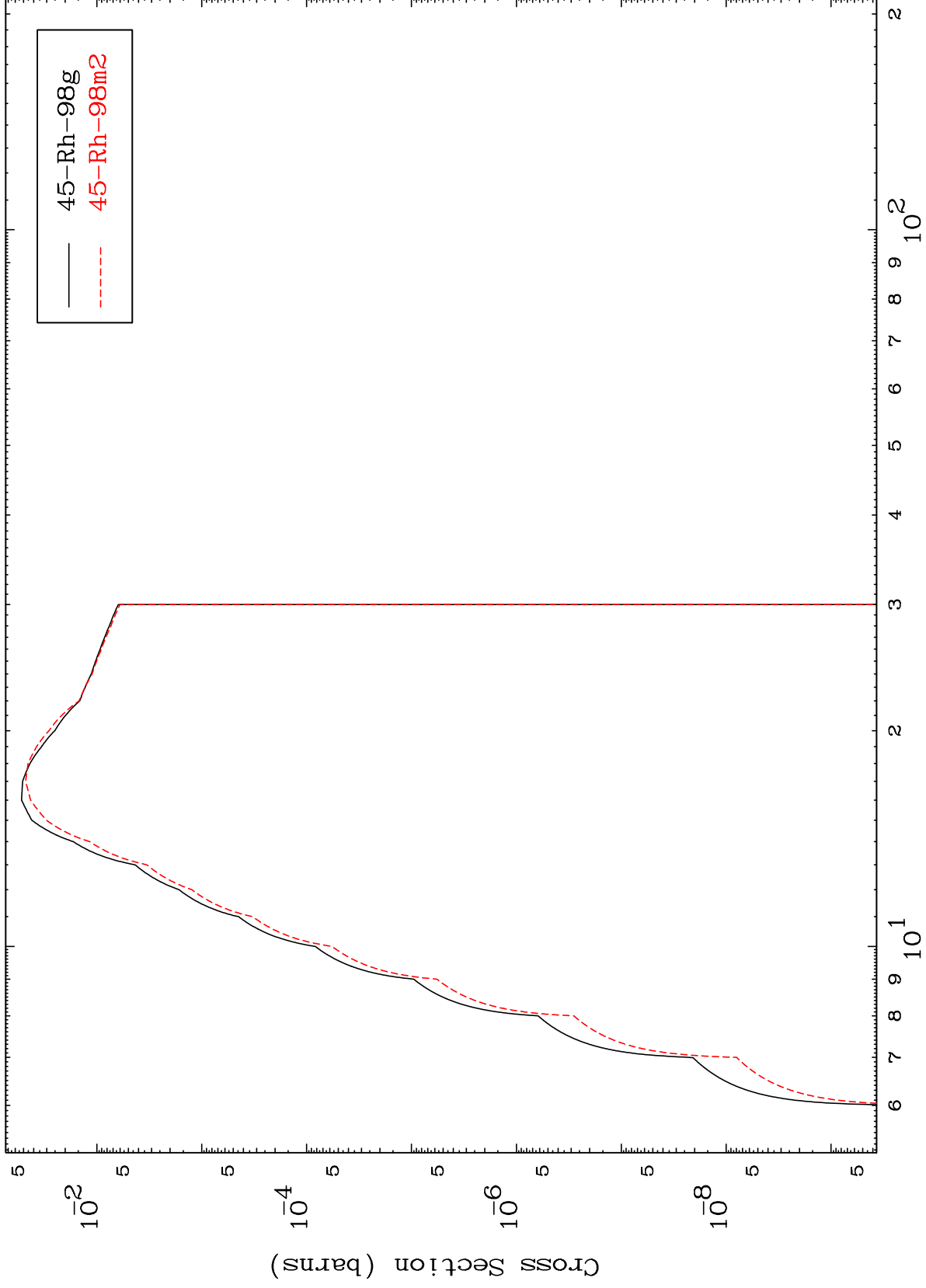
Incident Energy (MeV)

13

MAT 4319

43-Tc-97

(n,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

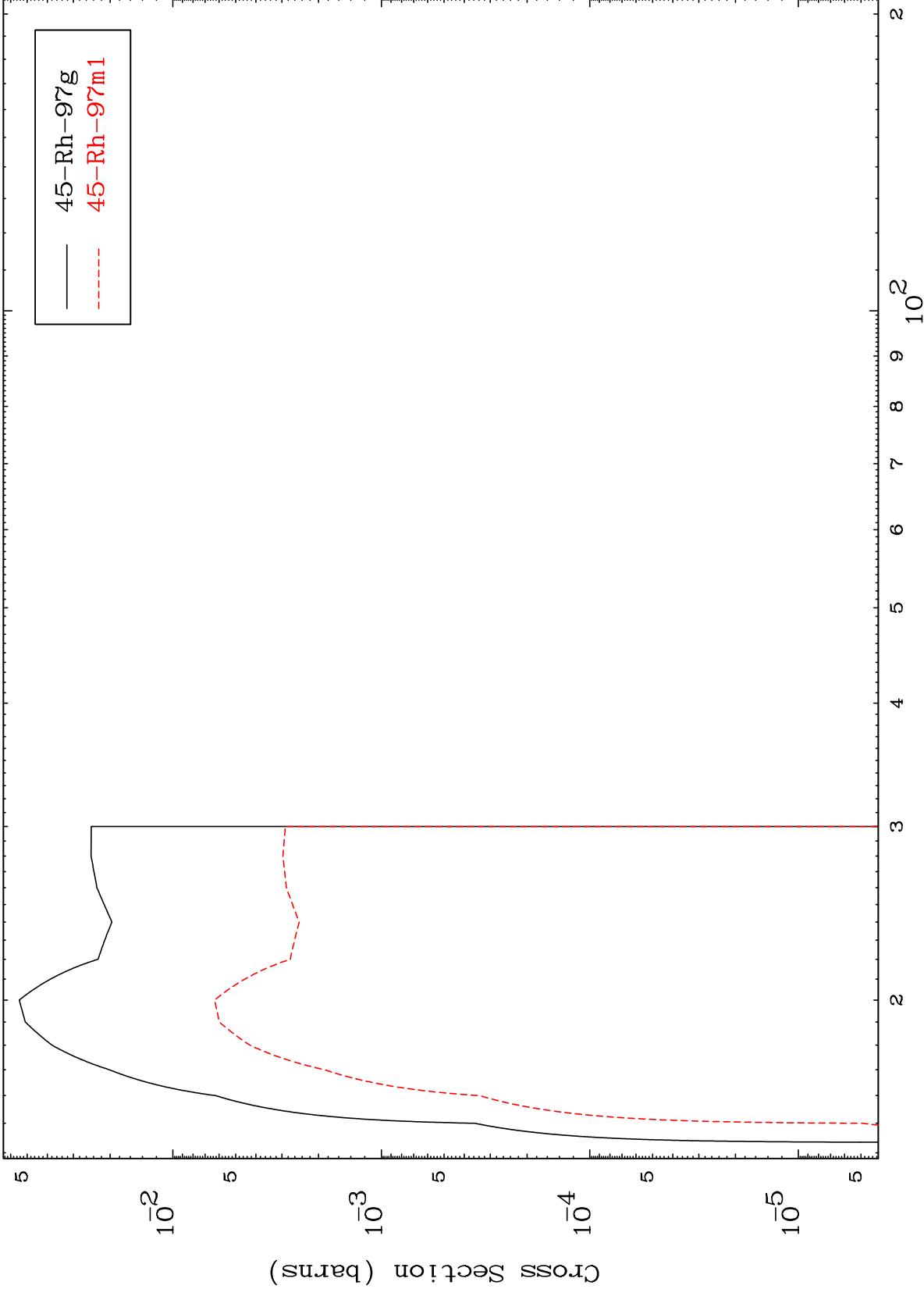
43-Tc-97

MAT 4319

(n,3n)

43-Tc-97

Radionuclide Production Cross Section



15

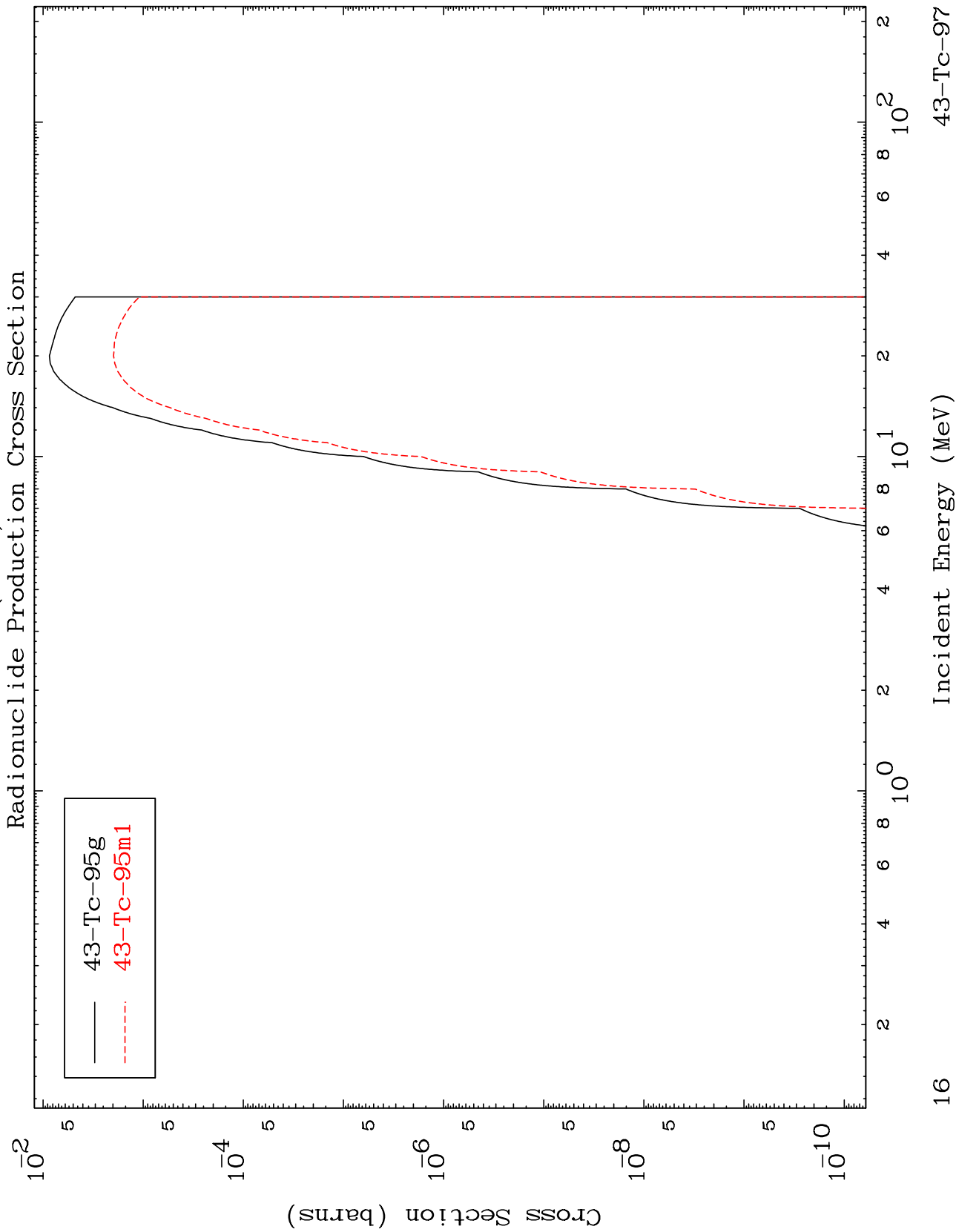
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,n')  $\alpha$

43-Tc-97

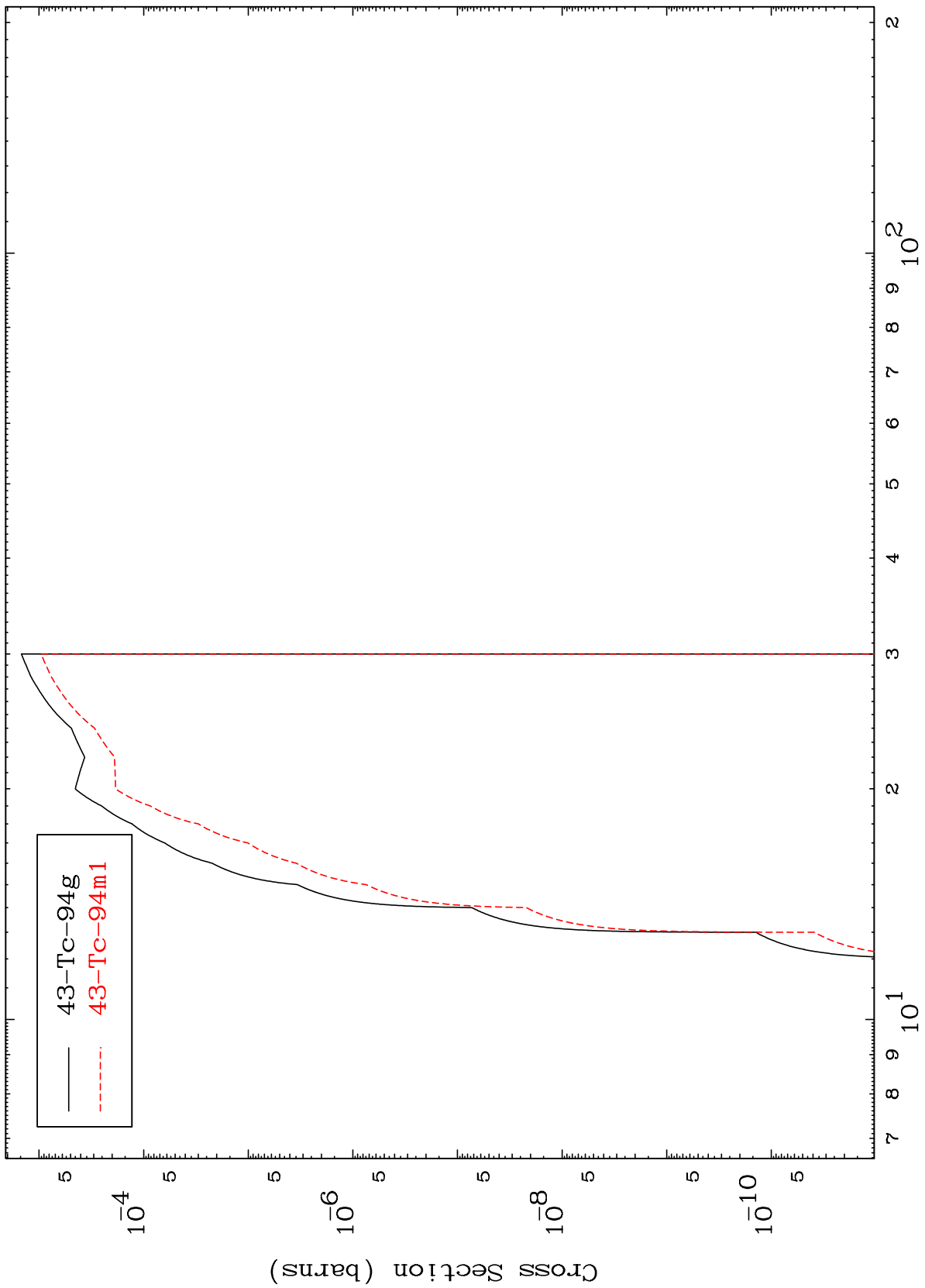


MAT 4319

(n,2n)  $\alpha$

43-Tc-97

Radionuclide Production Cross Section

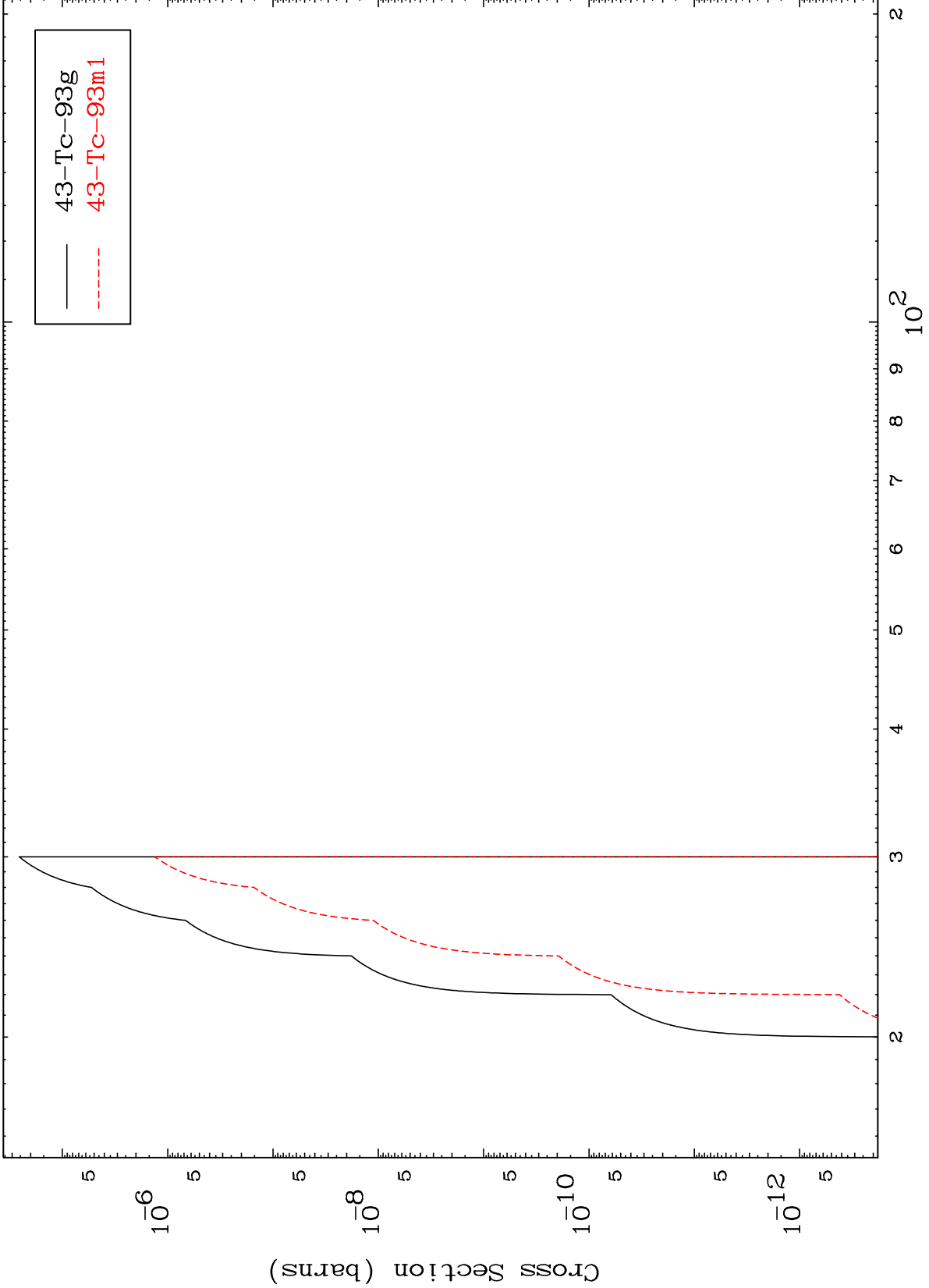


17

Incident Energy (MeV)

43-Tc-97

Radionuclide Production Cross Section

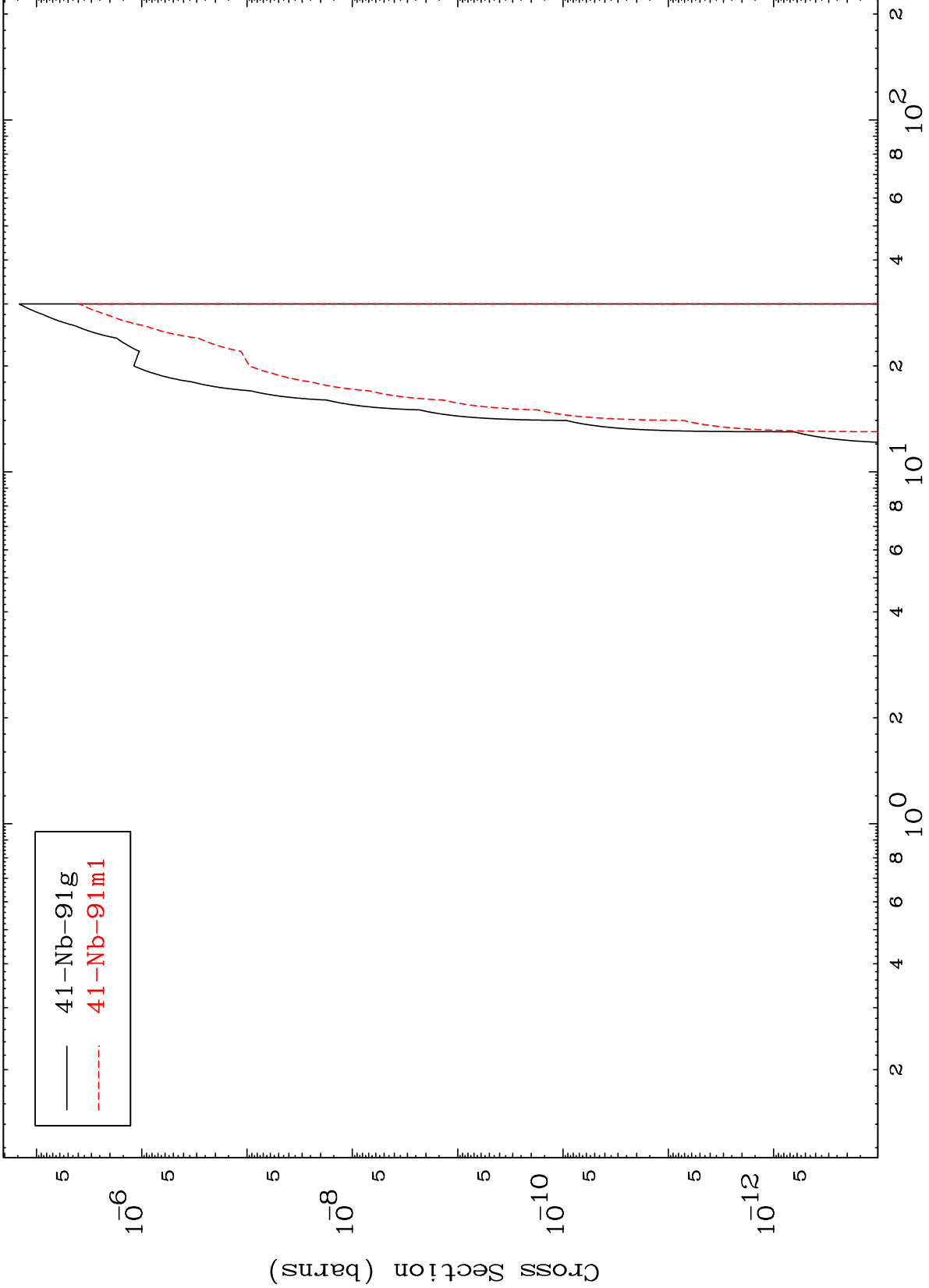


MAT 4319

(n,n') 2α

43-Tc-97

Radionuclide Production Cross Section



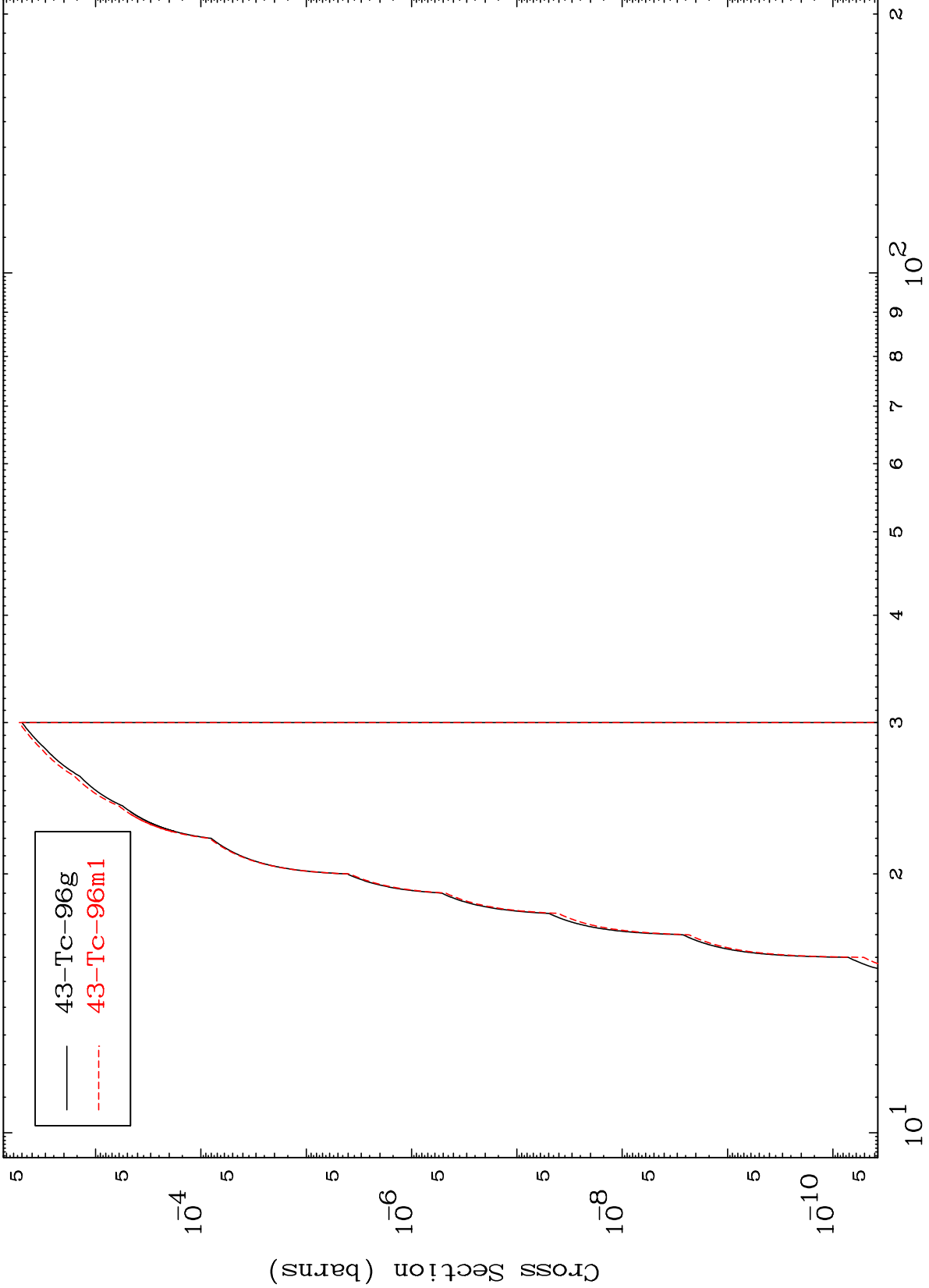
— 41-Nb-91g  
- - - 41-Nb-91m1

MAT 4319

(n,n') He-3

43-Tc-97

Radionuclide Production Cross Section



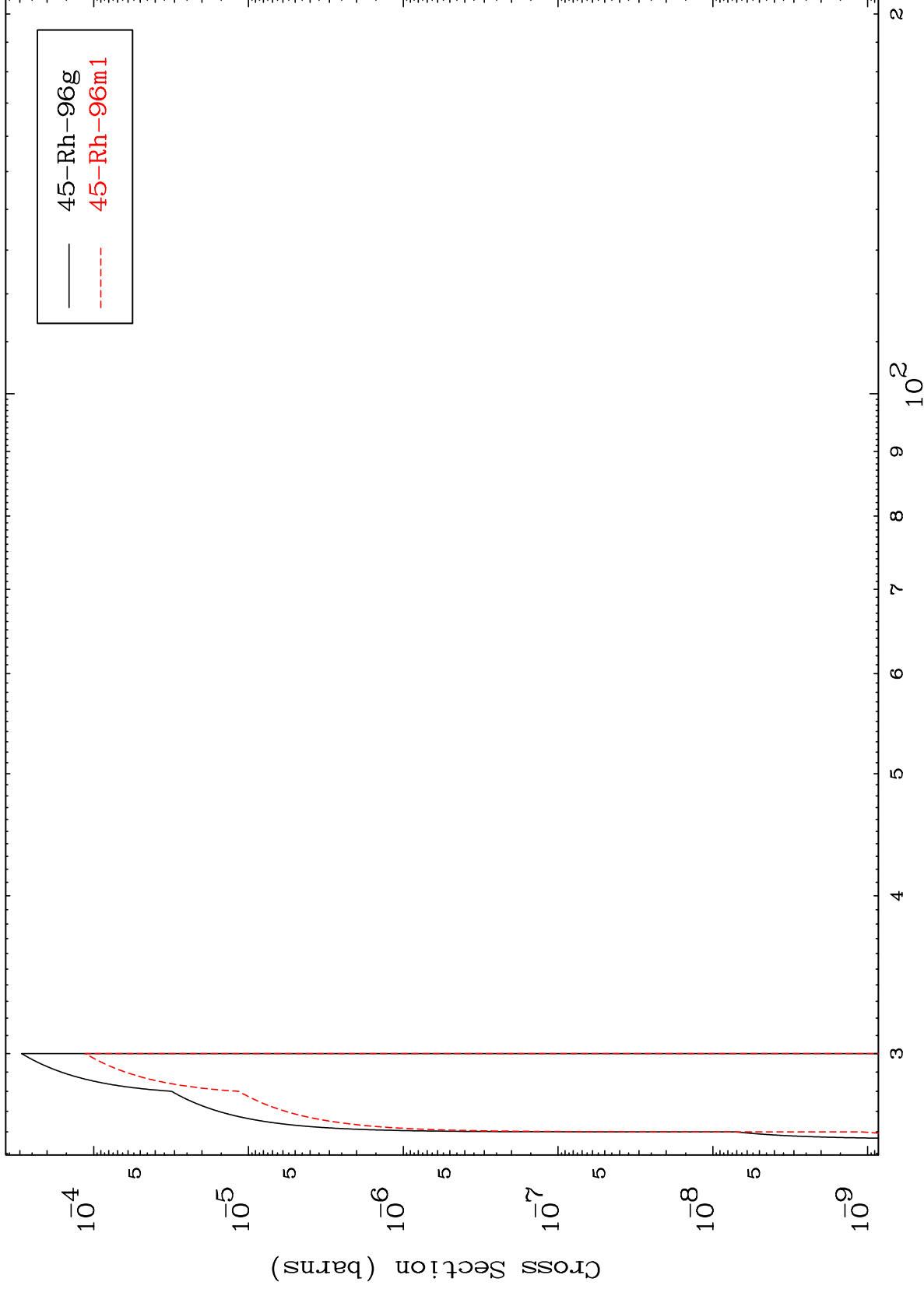
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

(n,4n)  
Radionuclide Production Cross Section



21

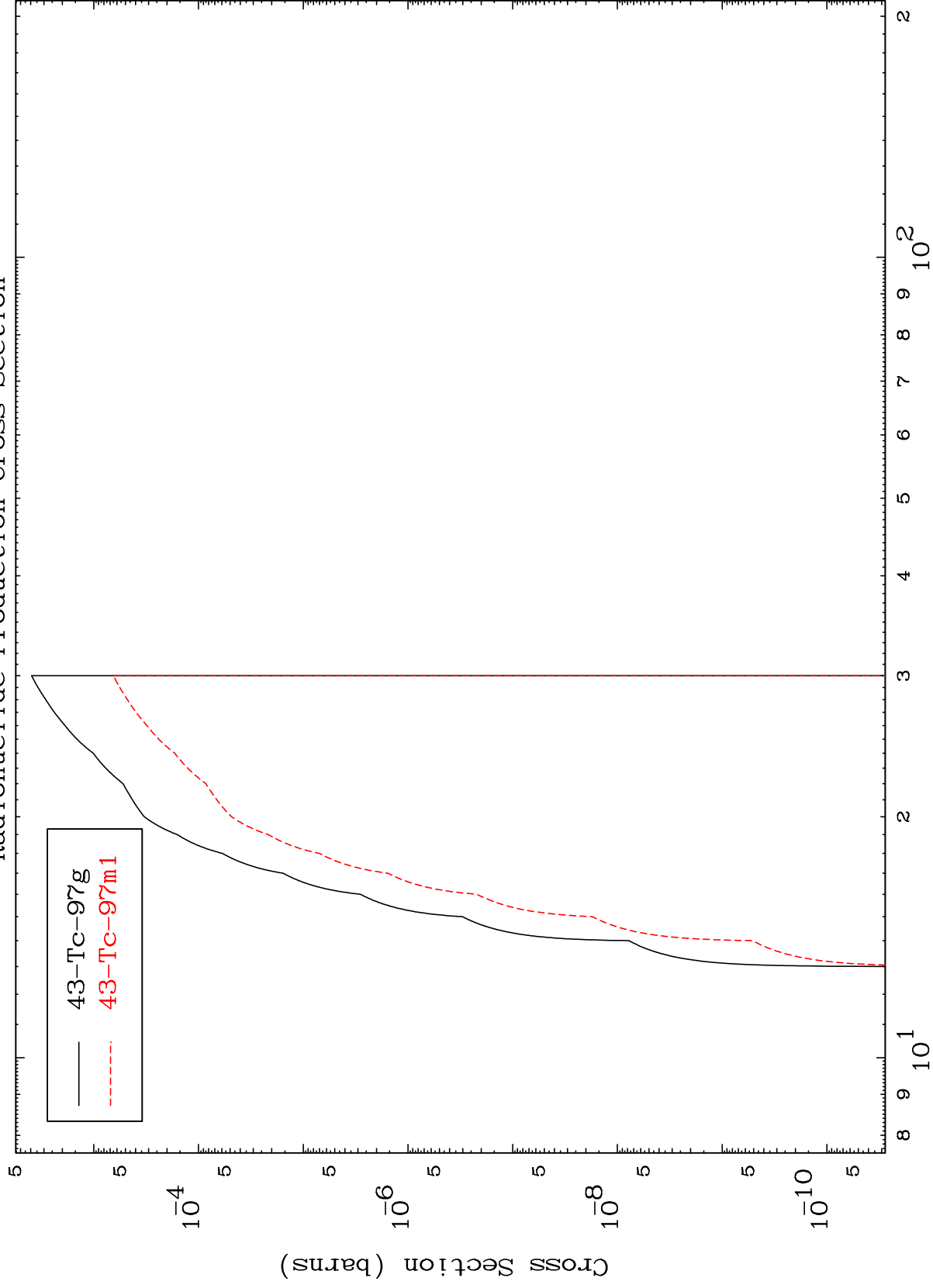
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

(n,2n) p  
Radionuclide Production Cross Section



43-Tc-97

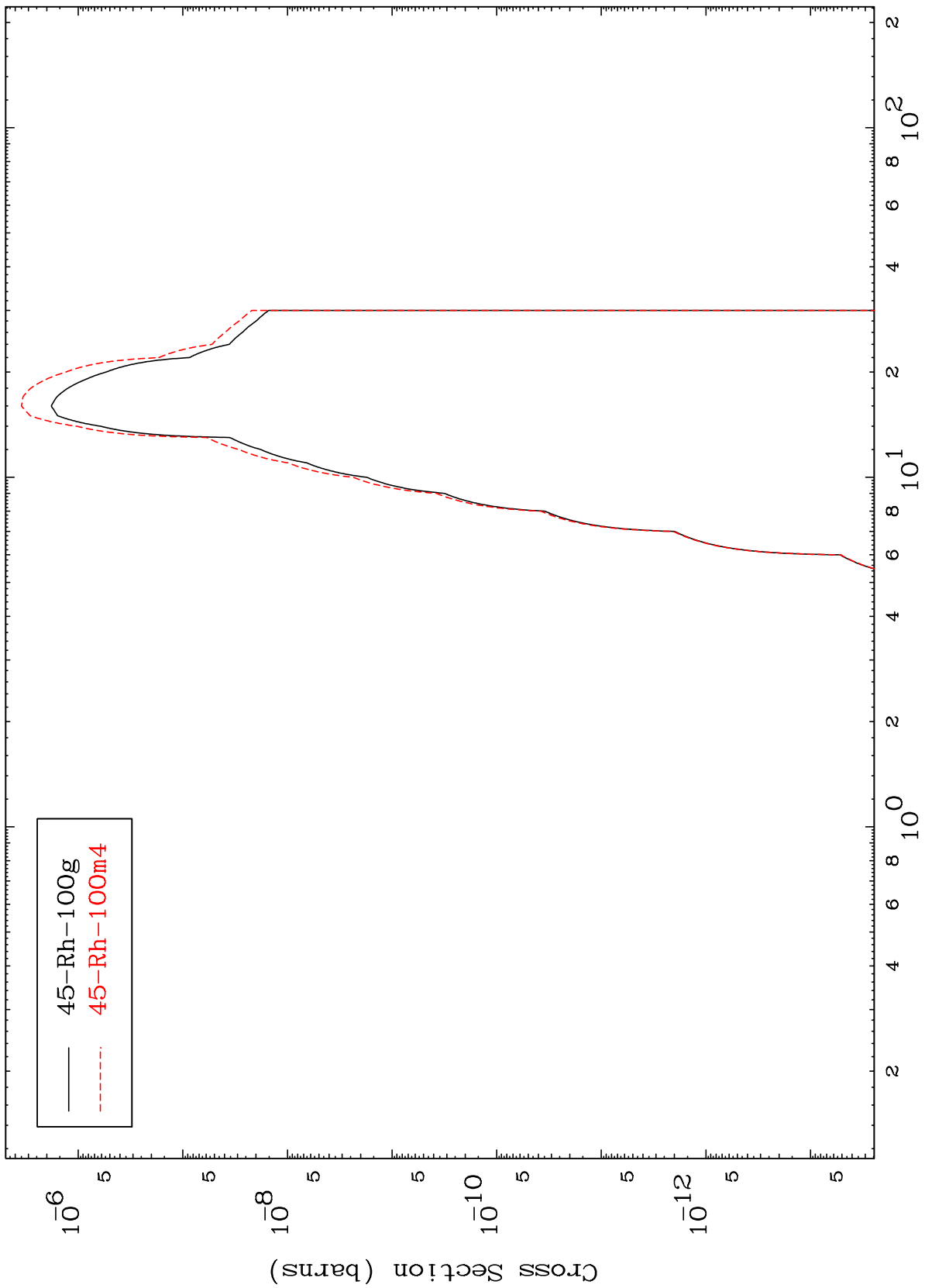
Incident Energy (MeV)

22

MAT 4319

43-Tc-97

(n,γ)  
Radionuclide Production Cross Section



— 45-Rh-100g  
- - - 45-Rh-100m4

43-Tc-97

Incident Energy (MeV)

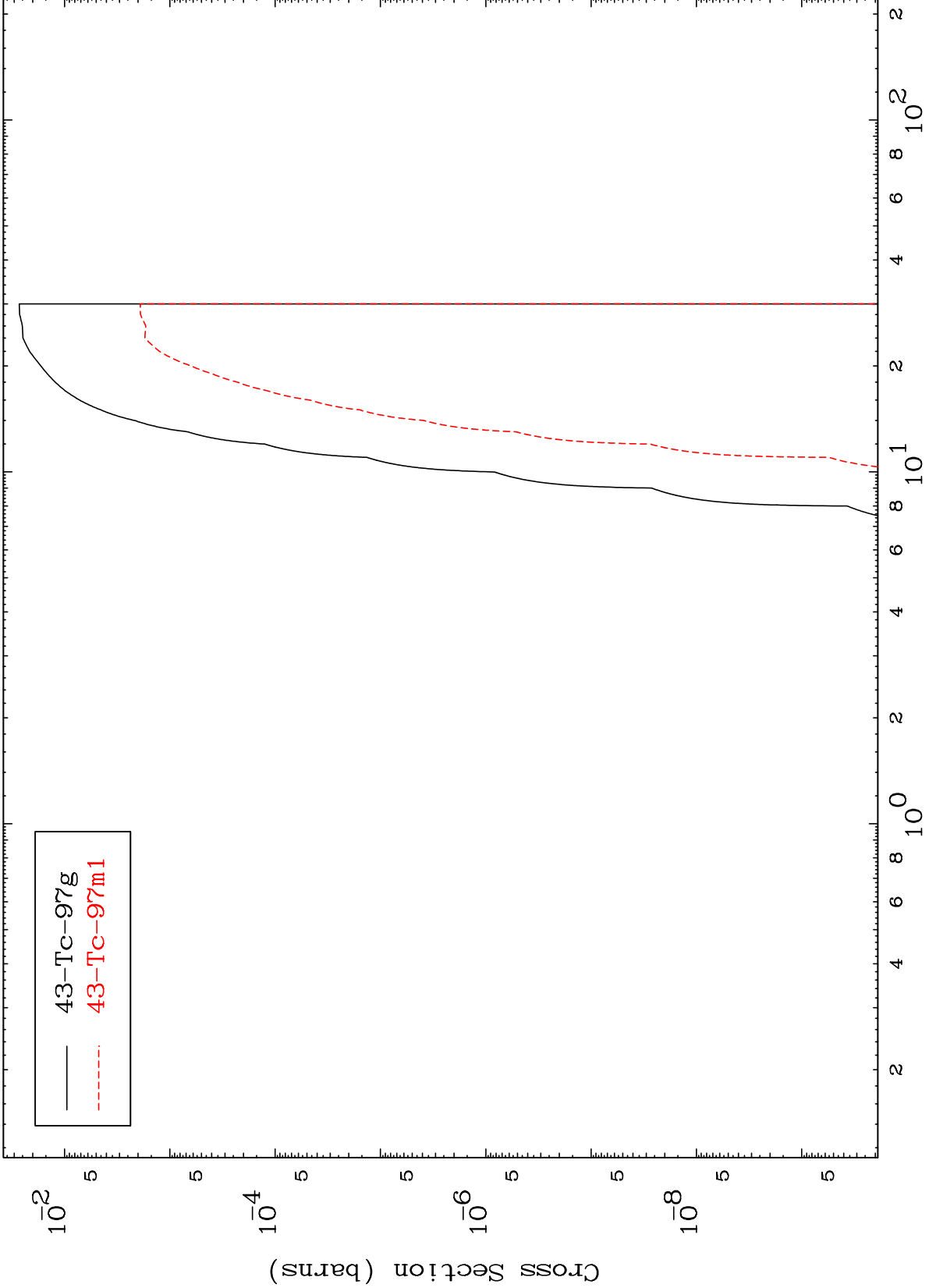
23

MAT 4319

(n,He-3)

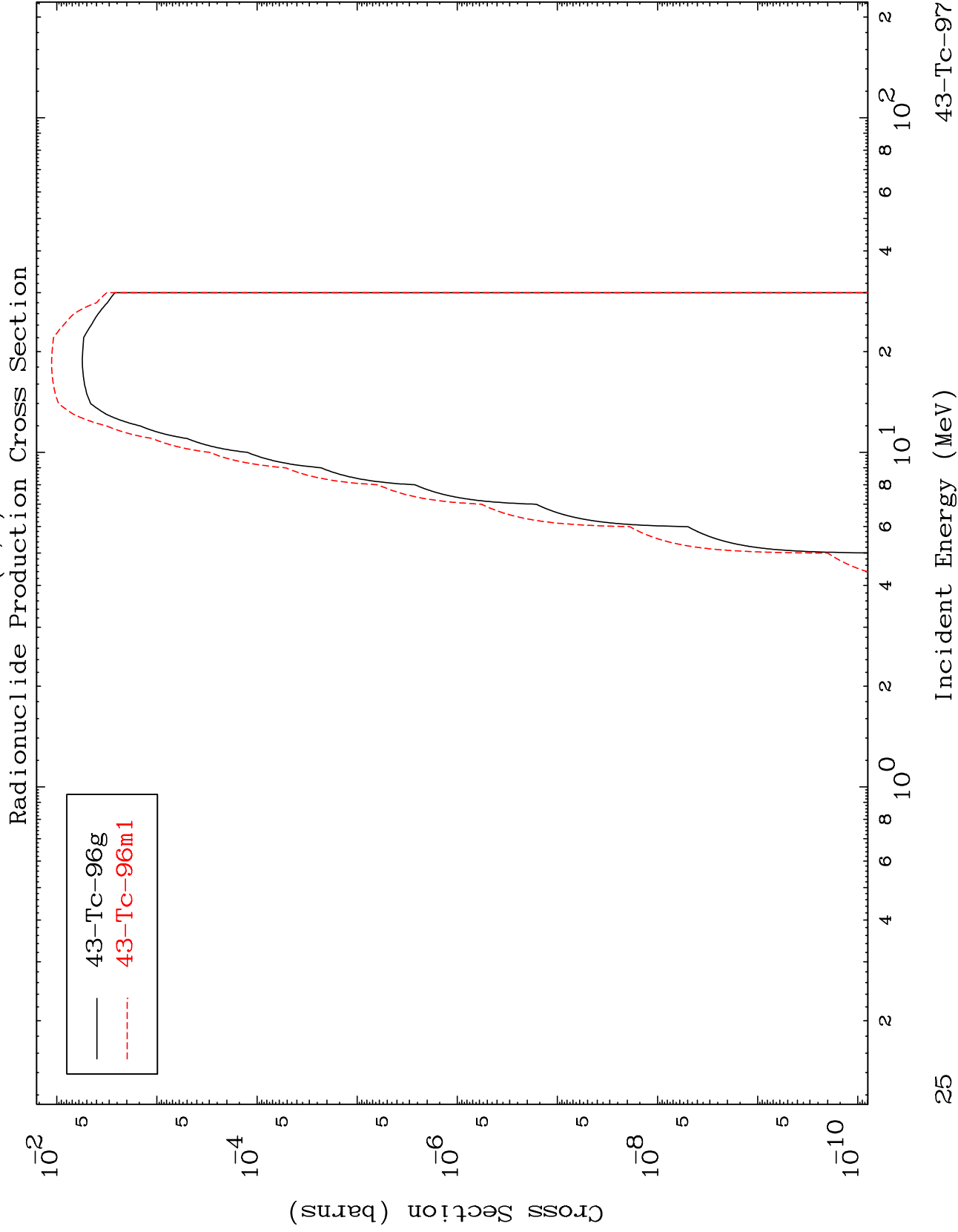
43-Tc-97

Radionuclide Production Cross Section



MAT 4319

43-Tc-97



43-Tc-97

Incident Energy (MeV)

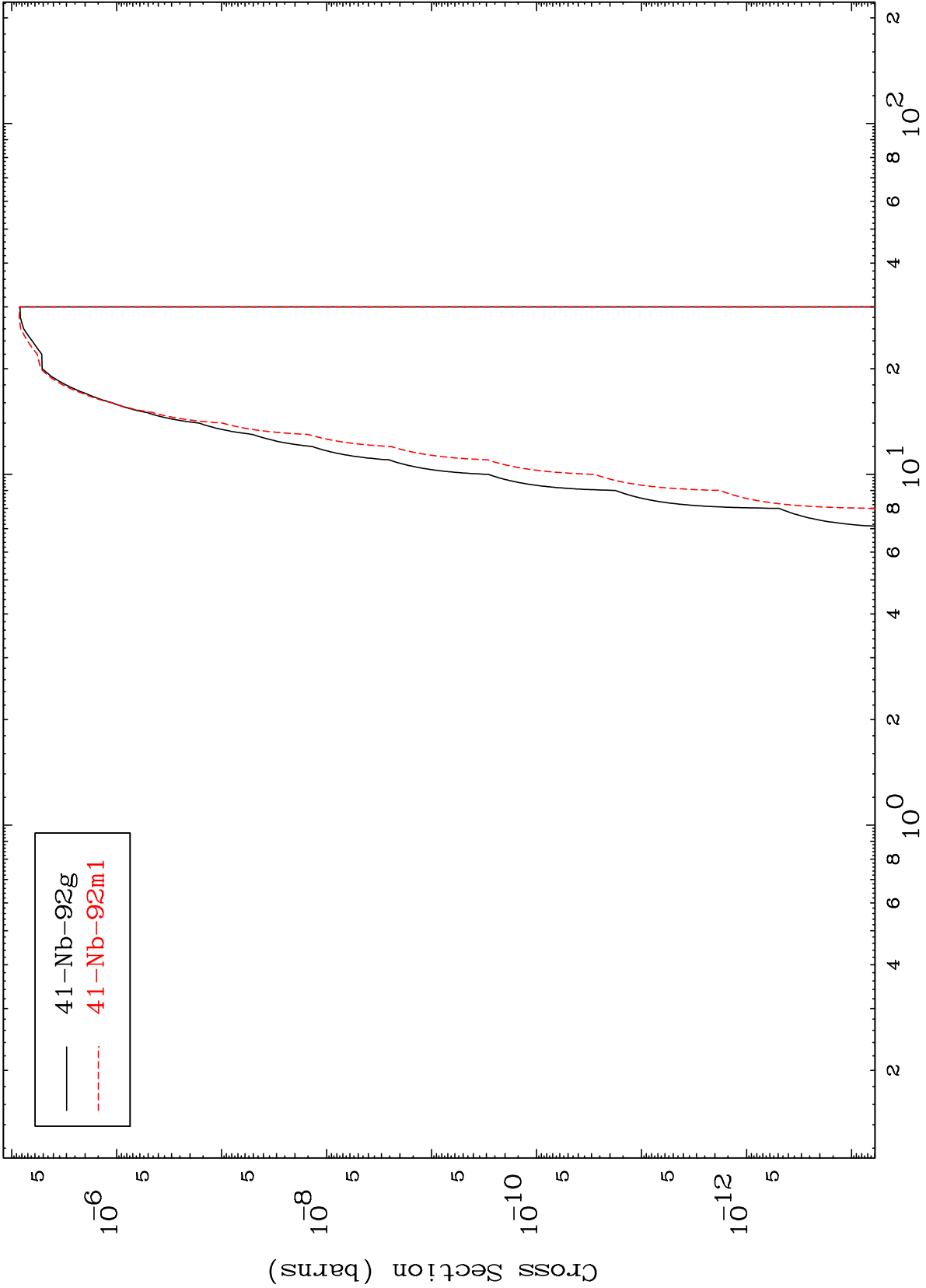
25

MAT 4319

(n,2α)

43-Tc-97

Radionuclide Production Cross Section

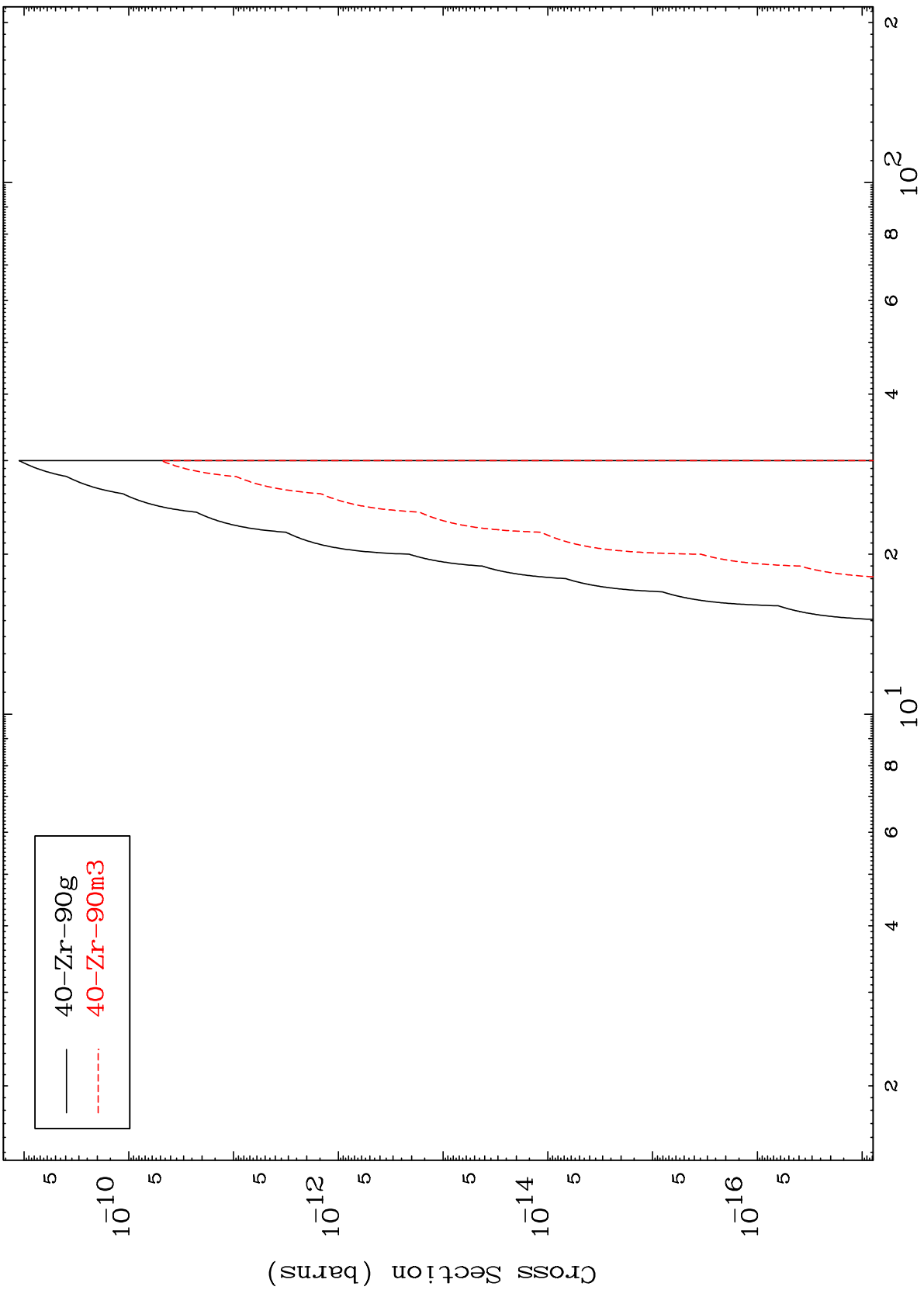


MAT 4319

(n,d) 2 $\alpha$

43-Tc-97

Radionuclide Production Cross Section



— 40-Zr-90g  
- - - 40-Zr-90m3

27

Incident Energy (MeV)

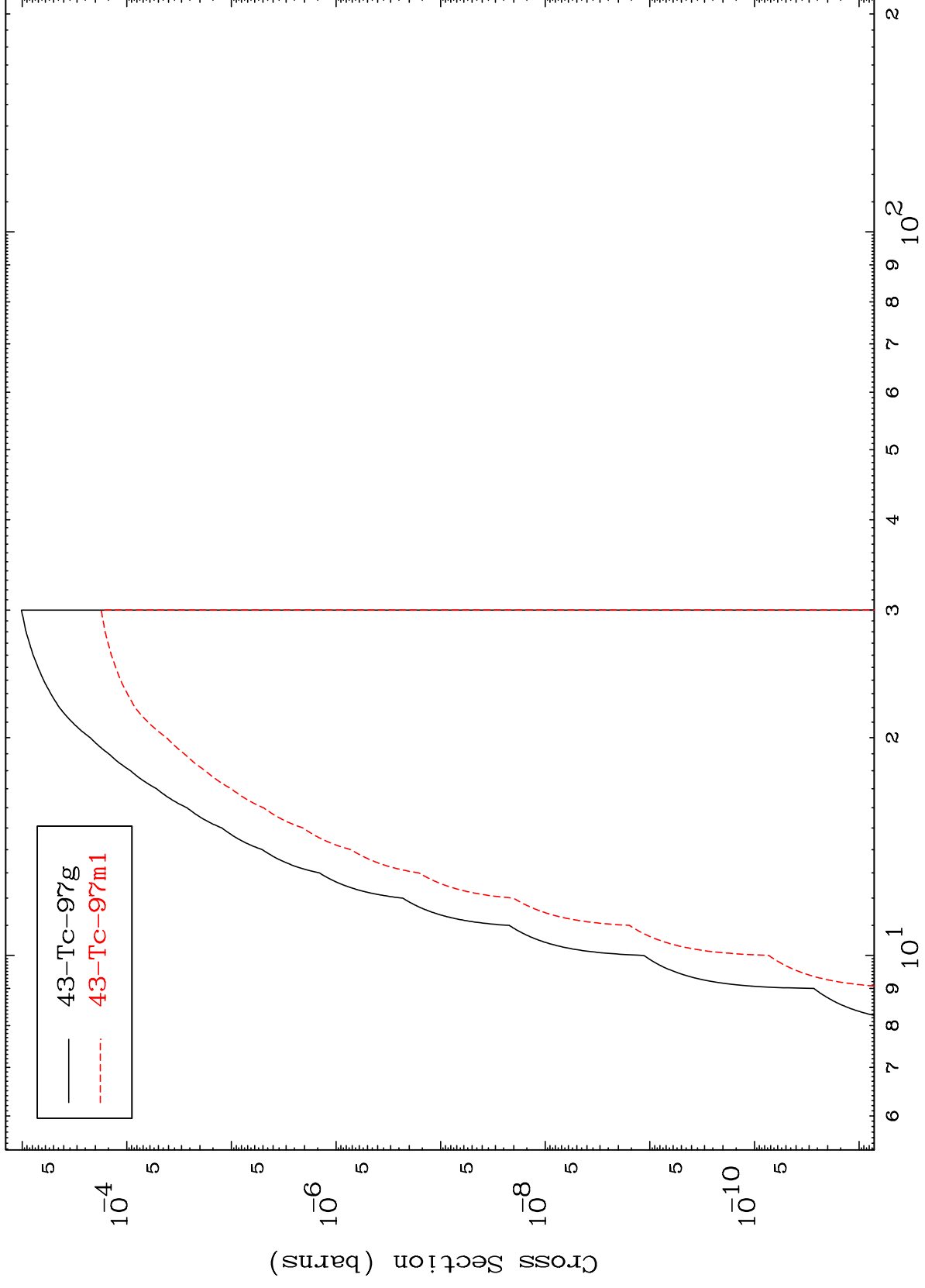
43-Tc-97

MAT 4319

(n,p) d

43-Tc-97

Radionuclide Production Cross Section



28

Incident Energy (MeV)

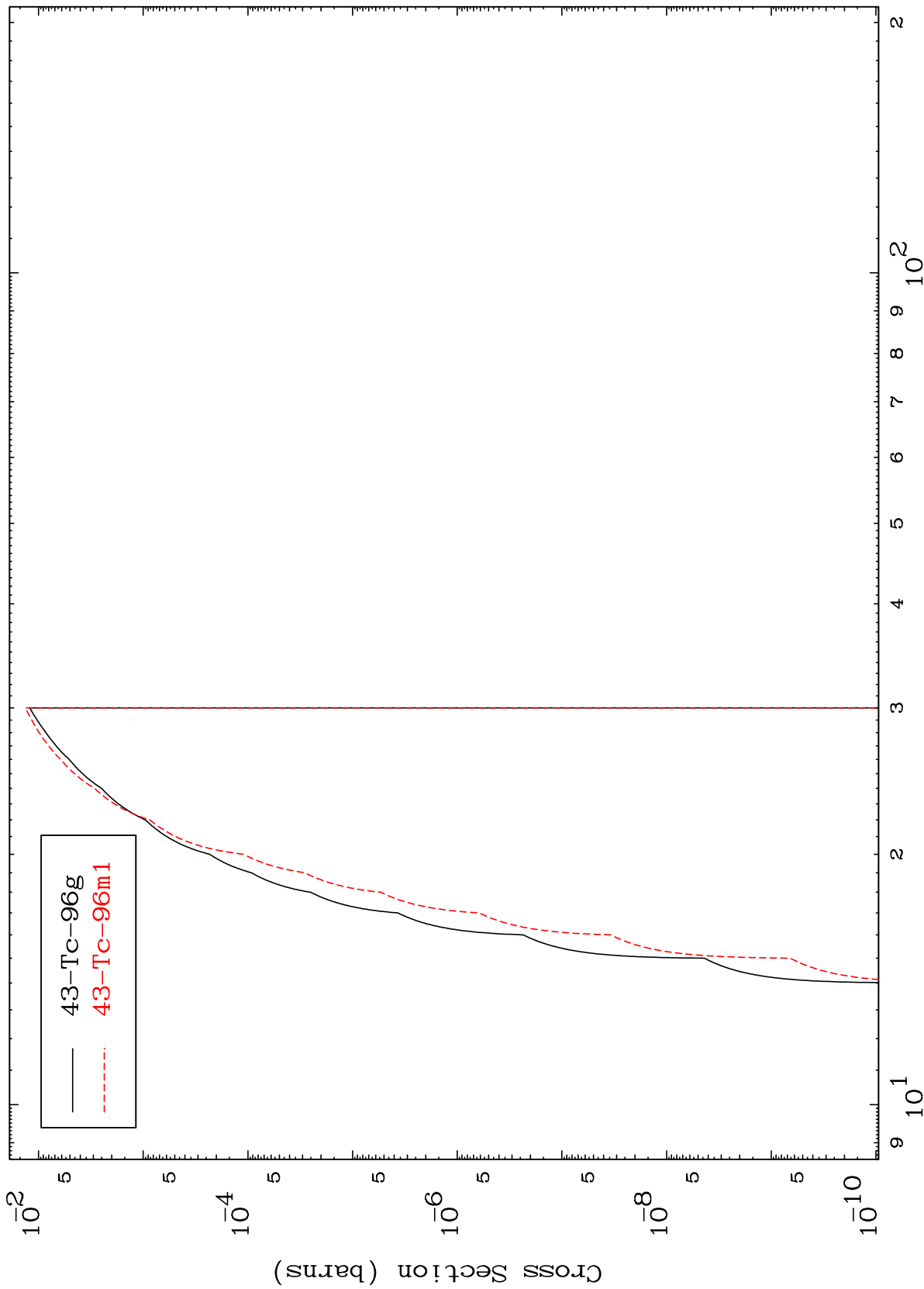
43-Tc-97

MAT 4319

(n,p) t

43-Tc-97

Radionuclide Production Cross Section



29

Incident Energy (MeV)

43-Tc-97