

Program EVALPLOT  
(Version 2021-1)

by

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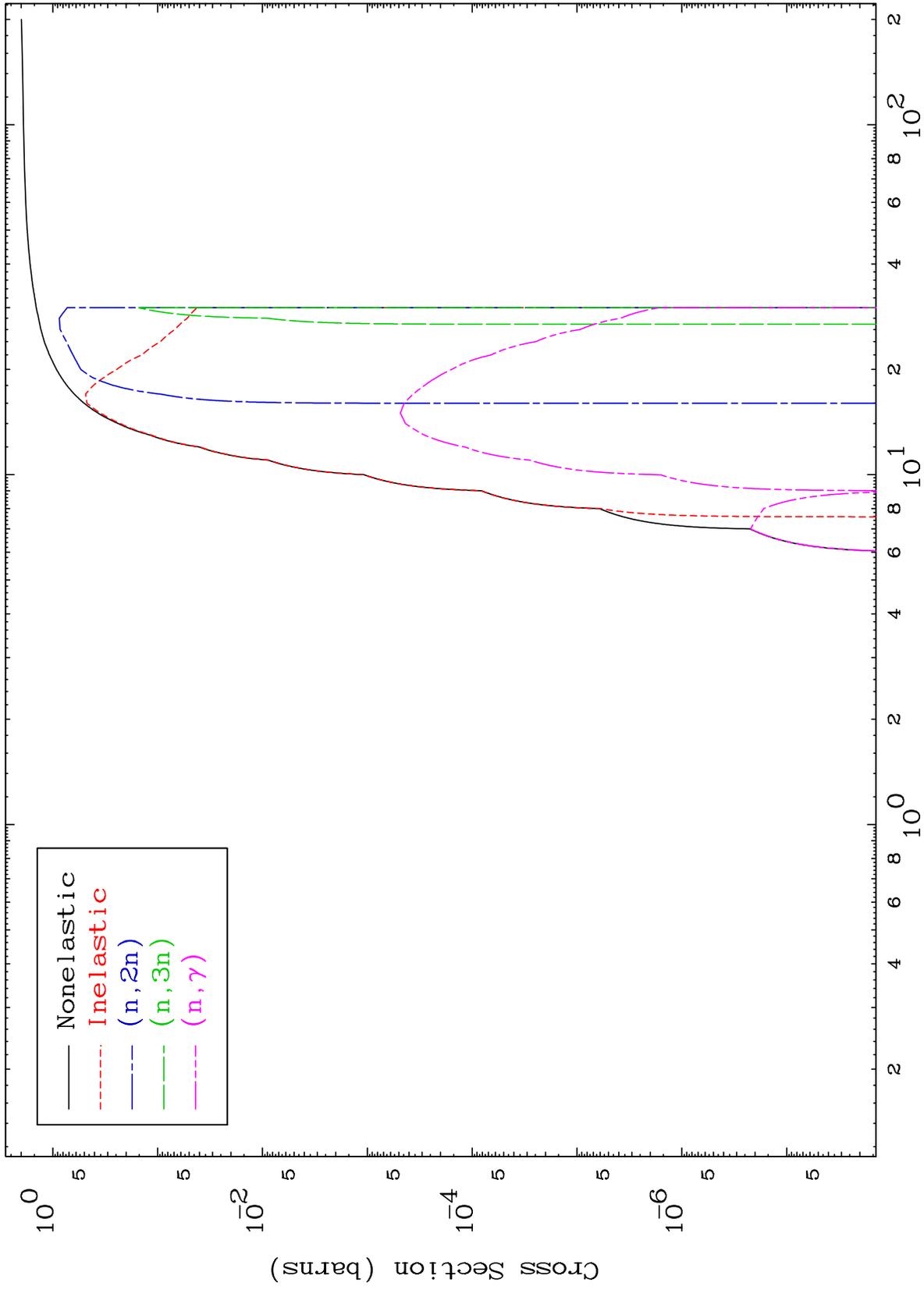
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4319

0 Kelvin  $\alpha$  Major  
Cross Sections

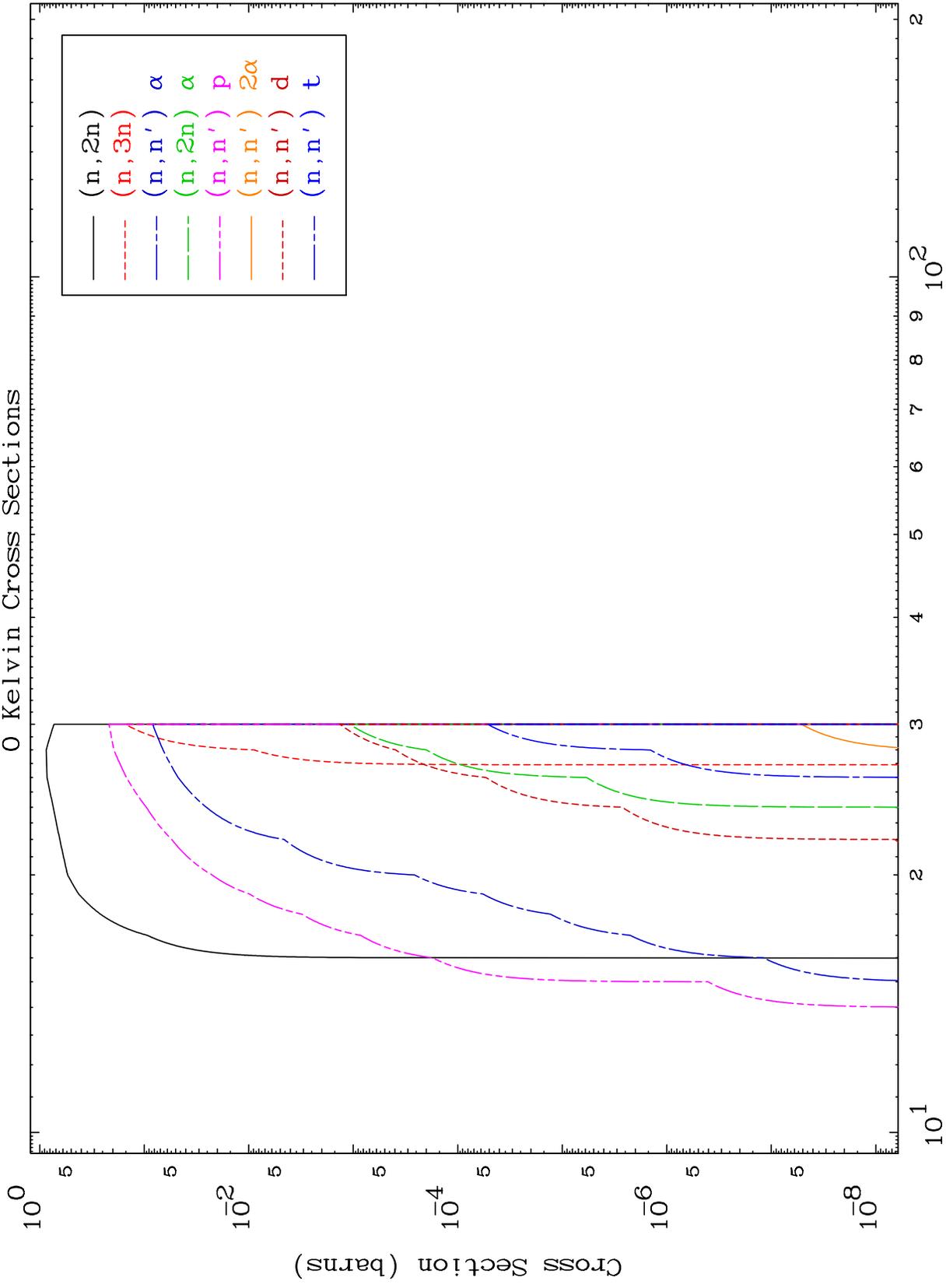
43-Tc-97



MAT 4319

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

43-Tc-97



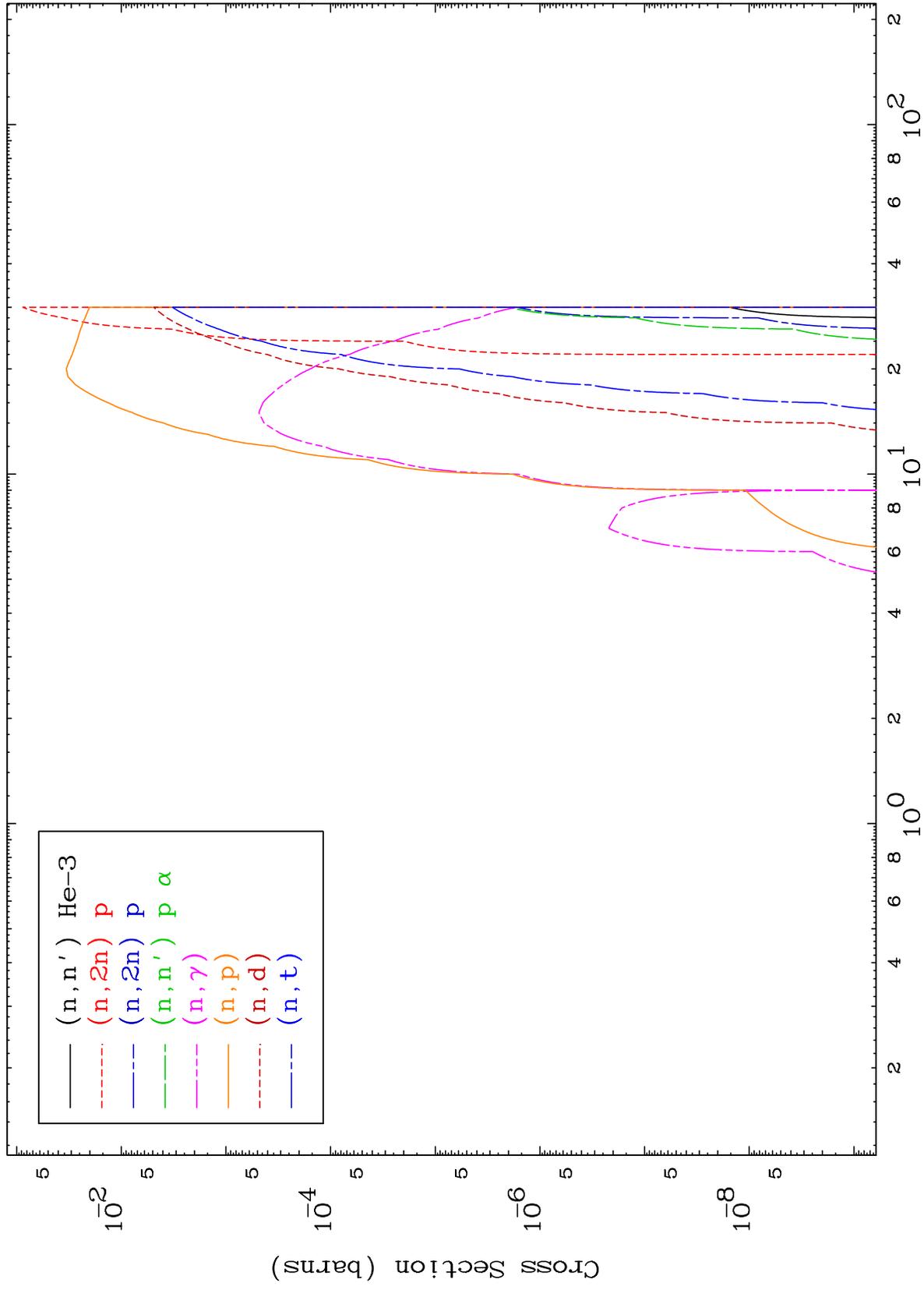
Incident Energy (MeV)

43-Tc-97

MAT 4319

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

43-Tc-97



3

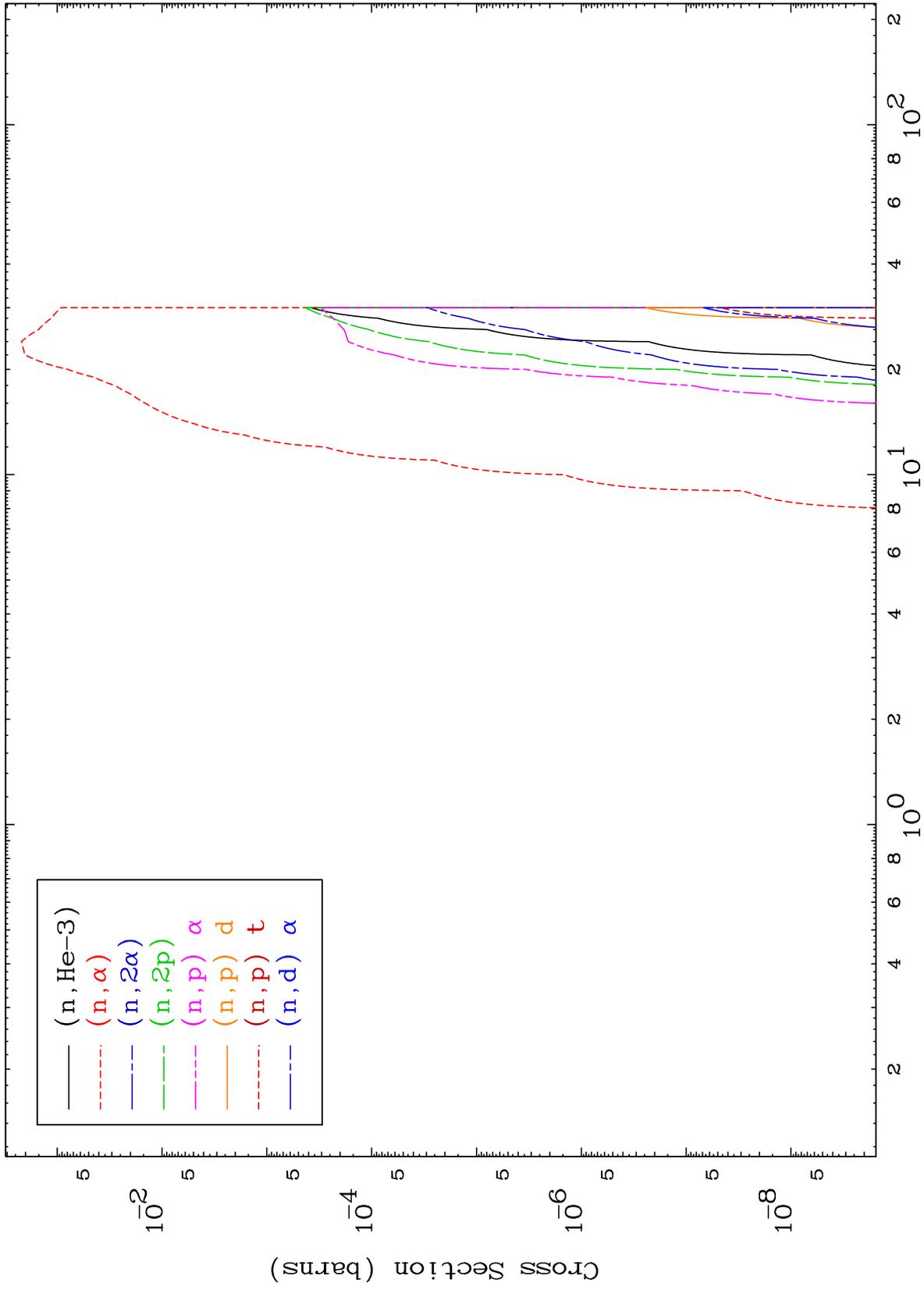
Incident Energy (MeV)

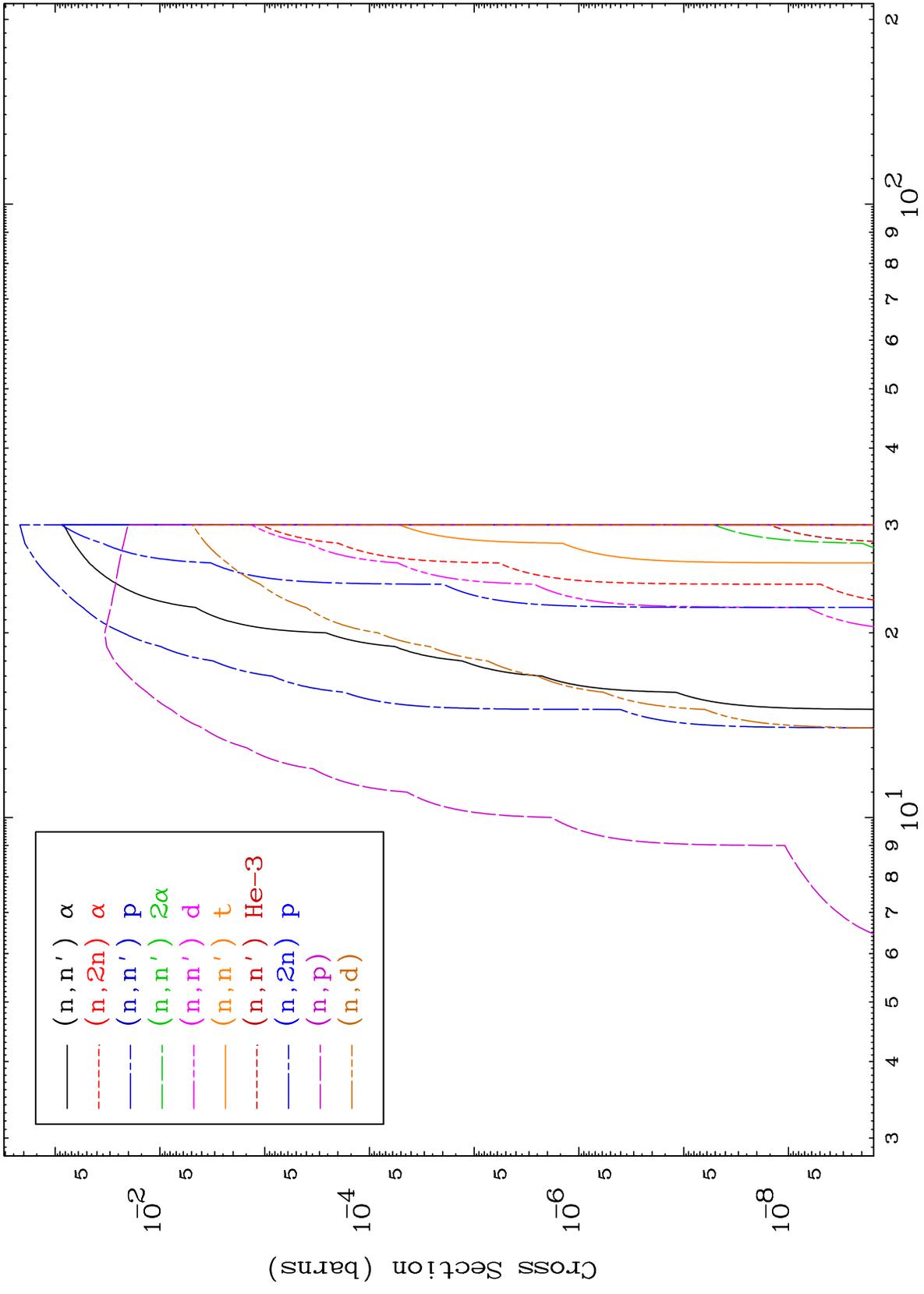
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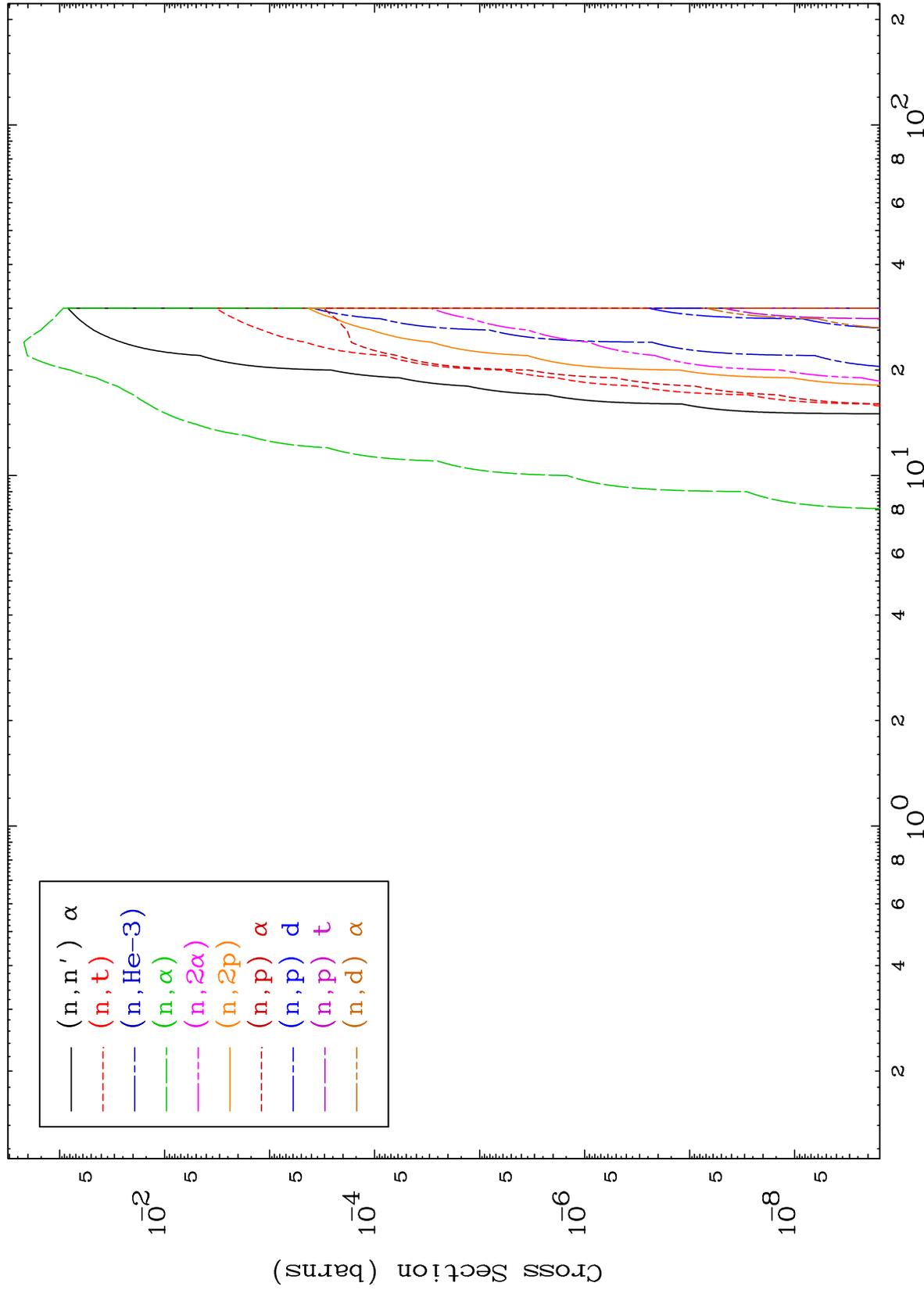
MAT 4319

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

43-Tc-97



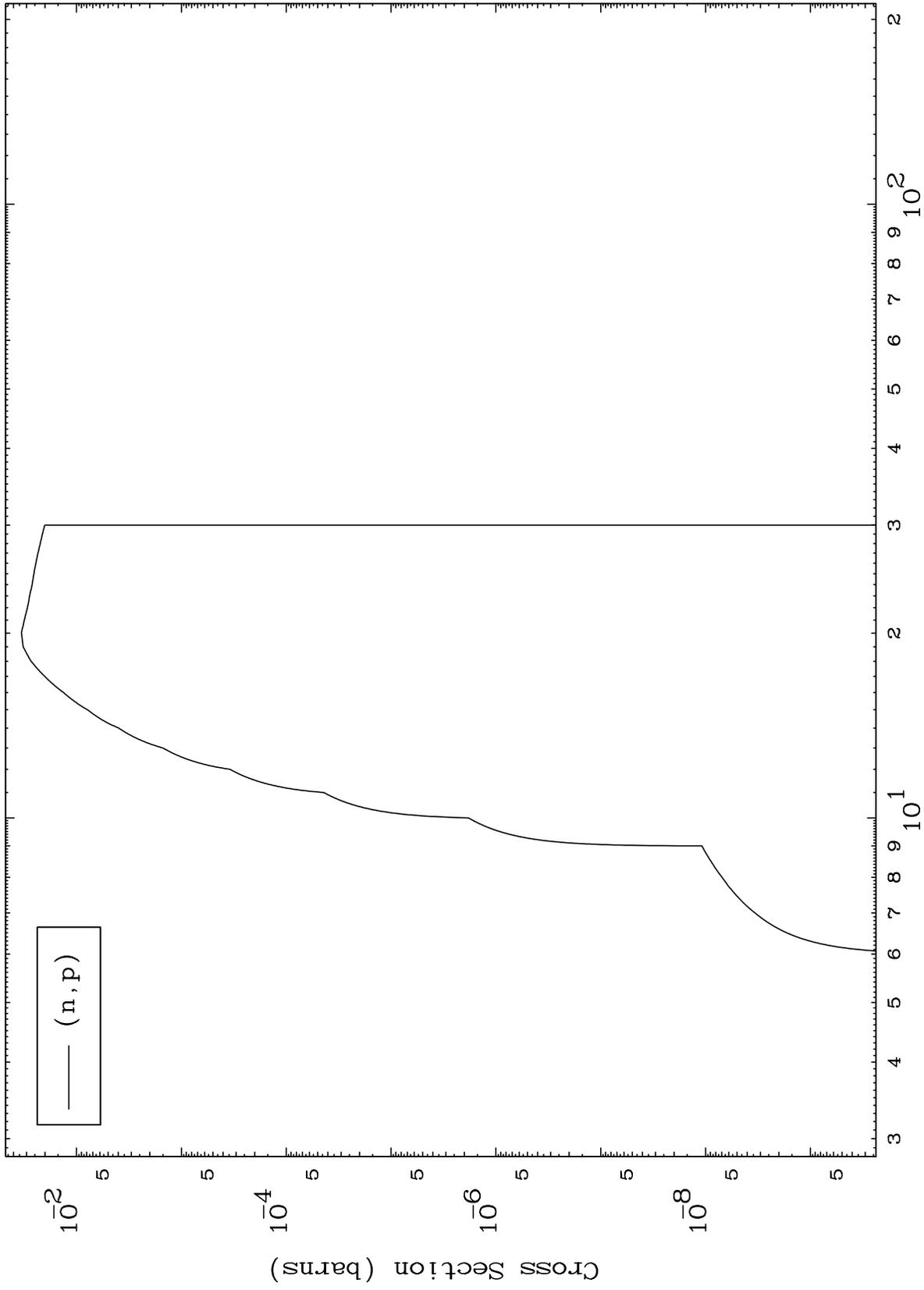




MAT 4319

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

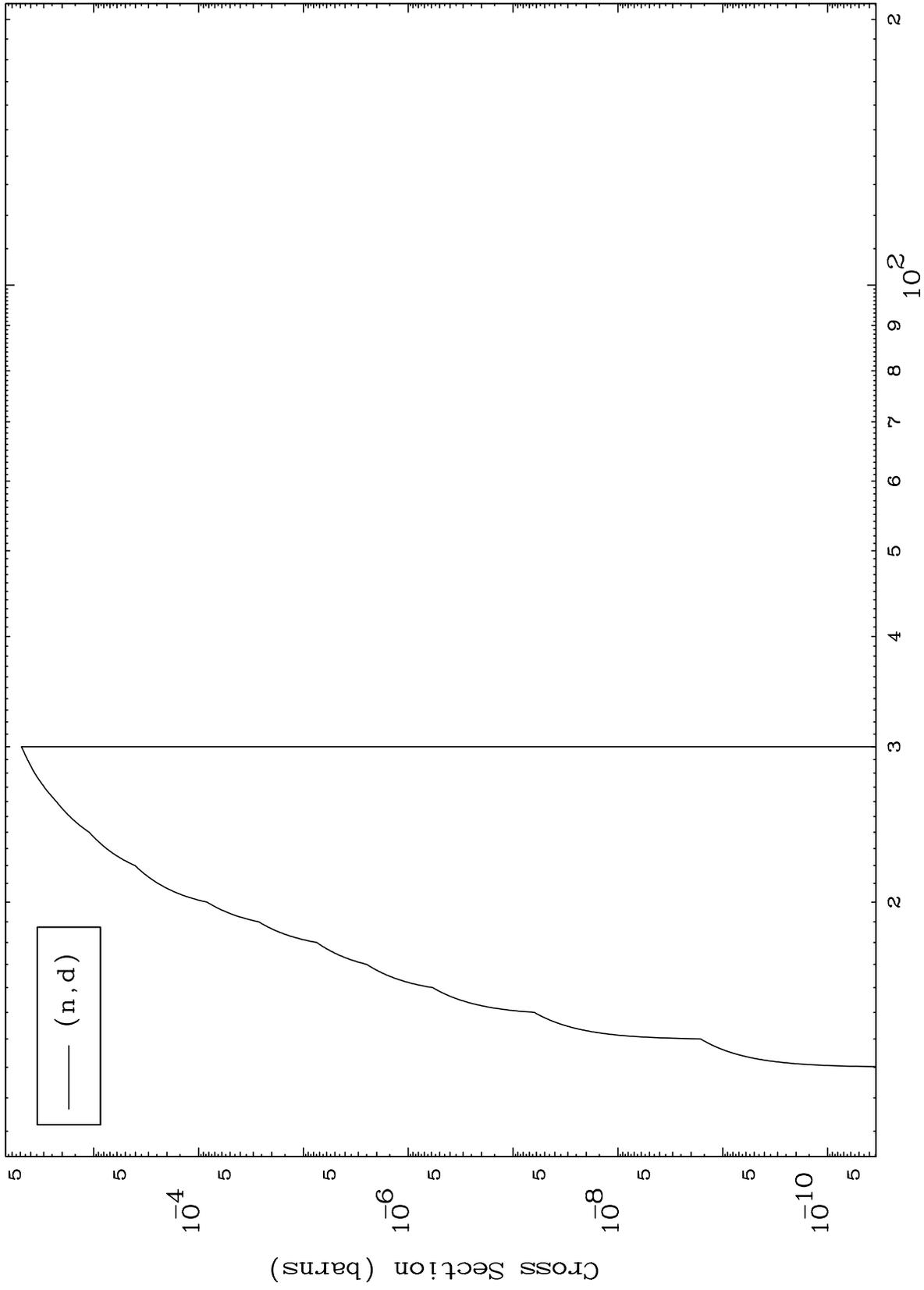
43-Tc-97

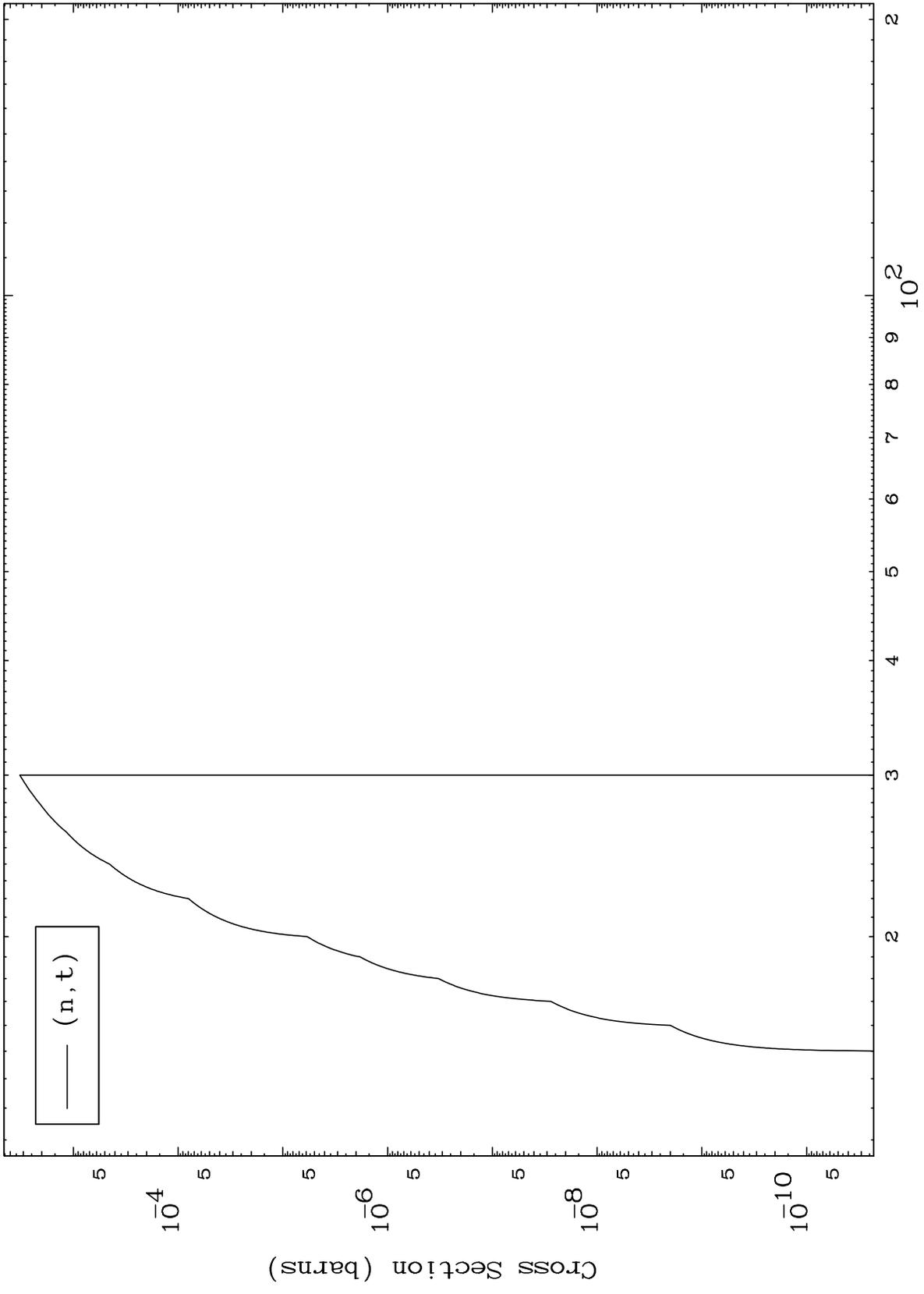


7

Incident Energy (MeV)

43-Tc-97

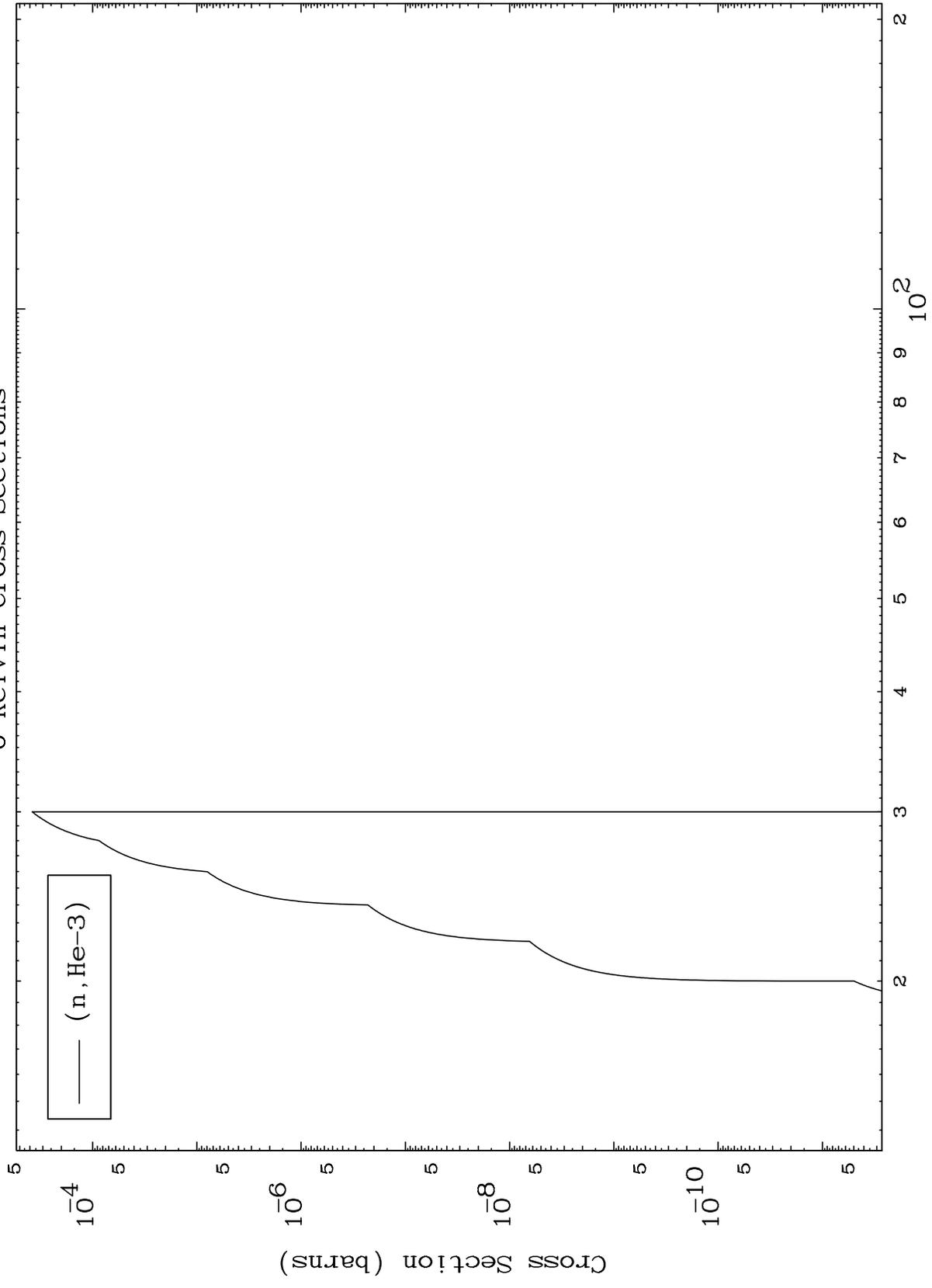




MAT 4319

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

43-Tc-97



10

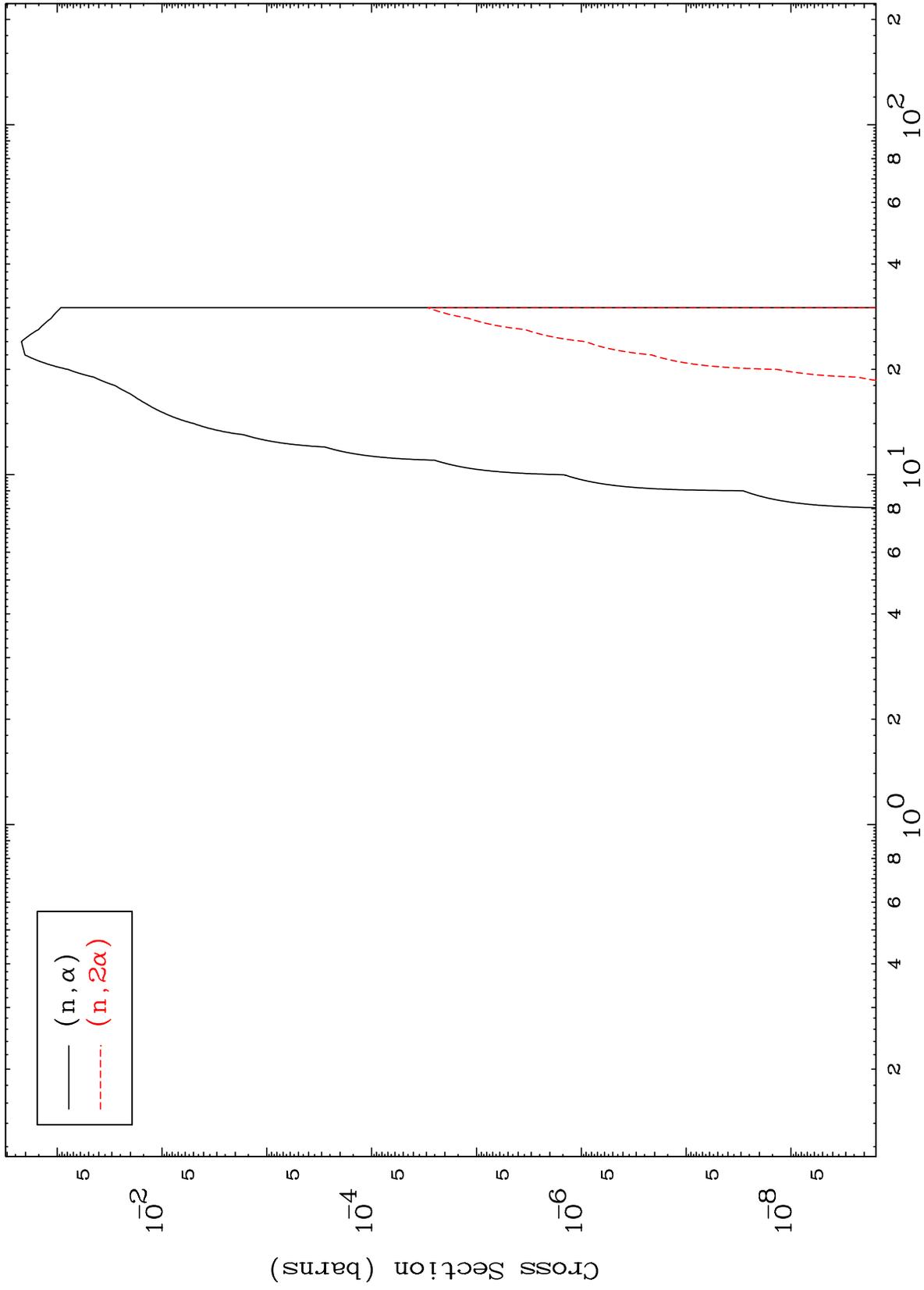
Incident Energy (MeV)

43-Tc-97

MAT 4319

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

43-Tc-97



11

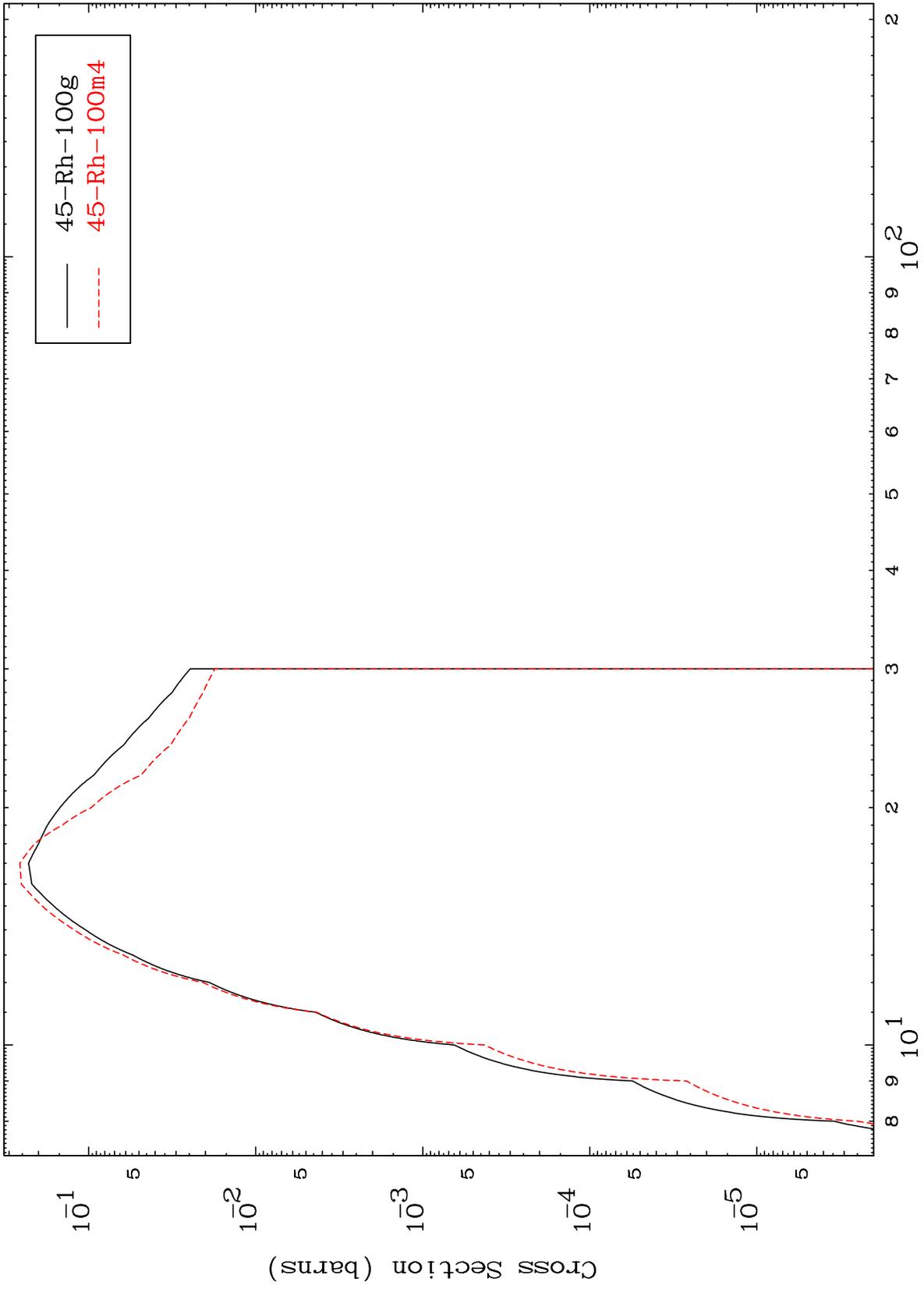
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

### Inelastic Radionuclide Production Cross Section



12

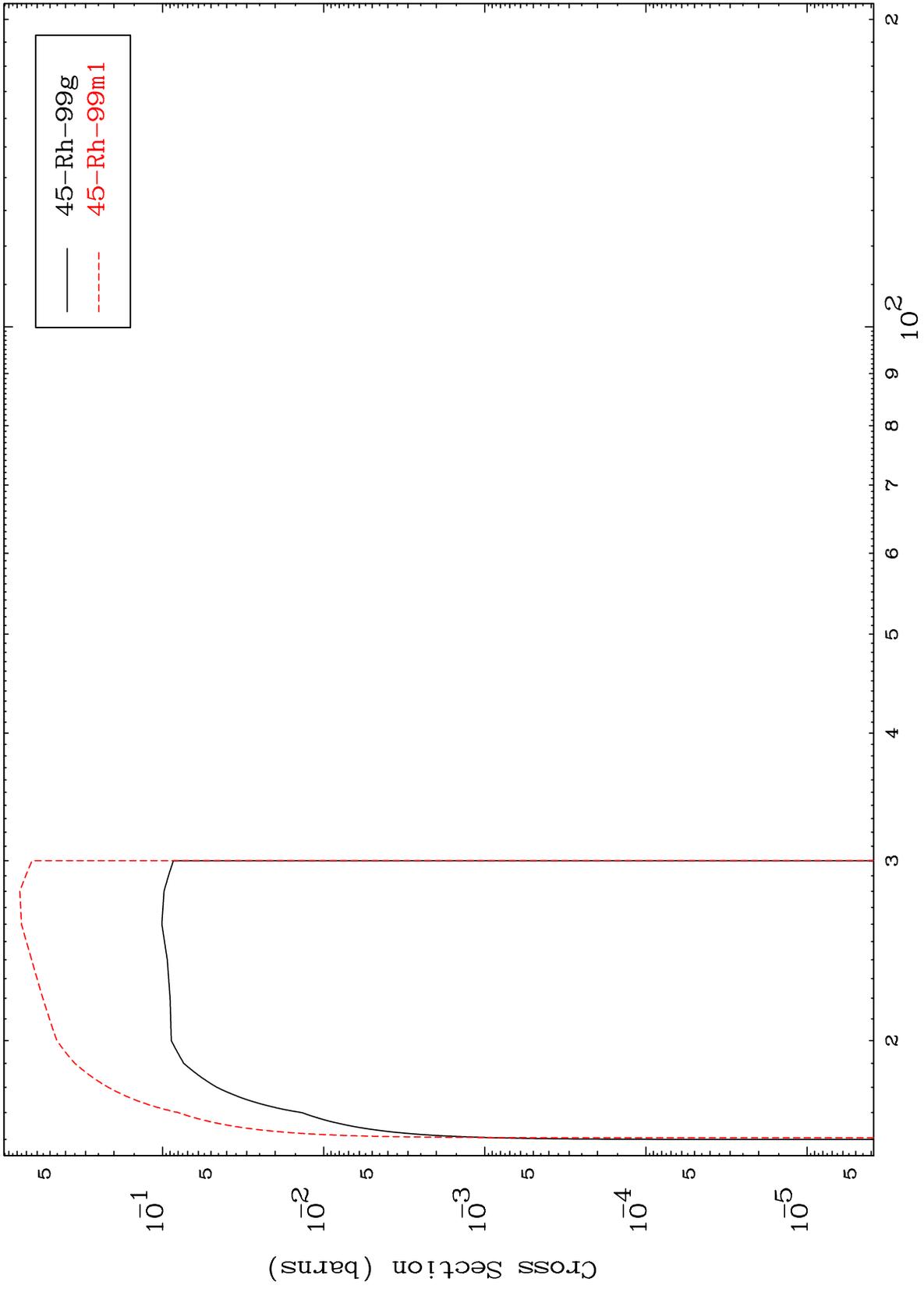
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

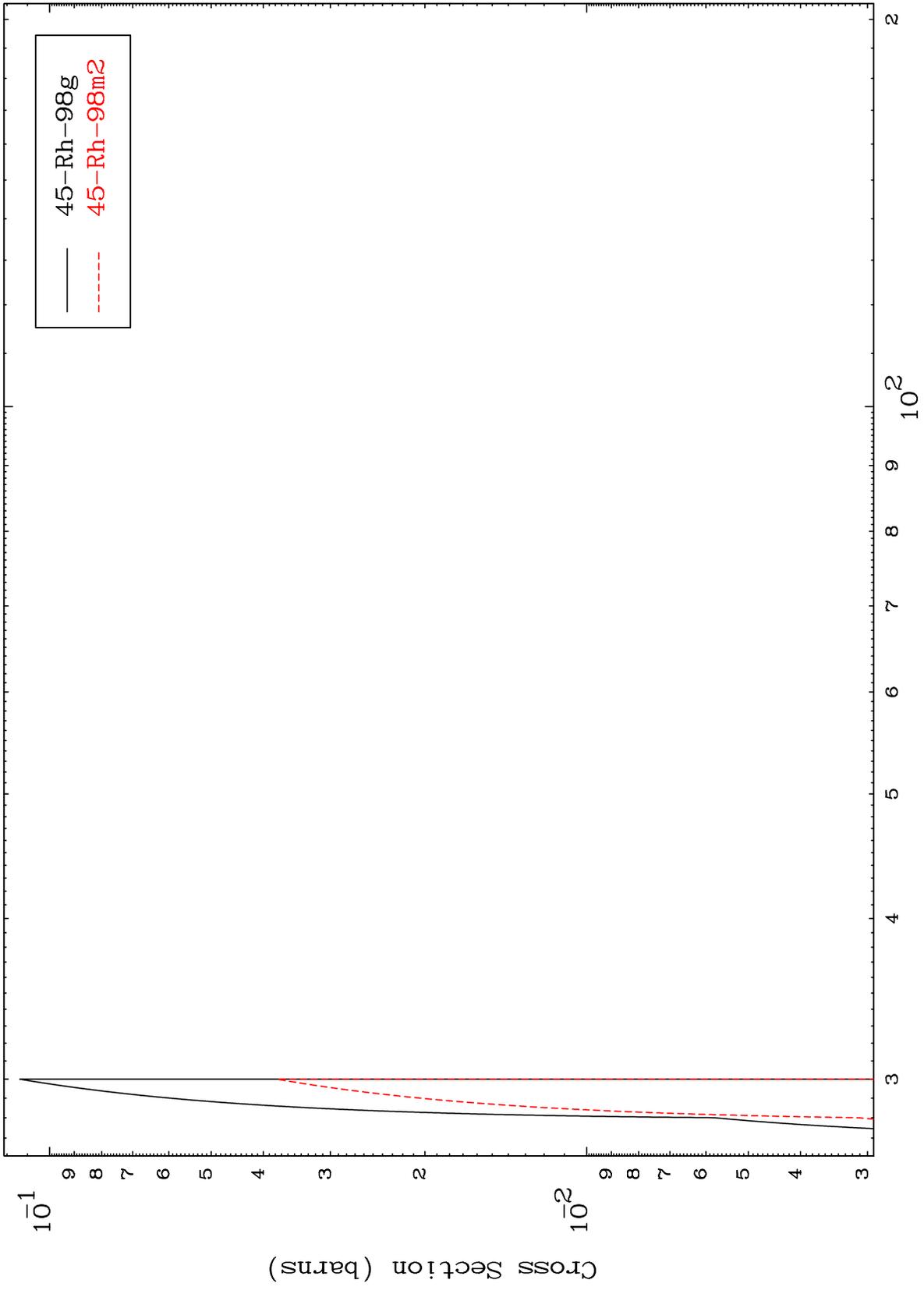
43-Tc-97

MAT 4319

(n,3n)

43-Tc-97

Radionuclide Production Cross Section



14

Incident Energy (MeV)

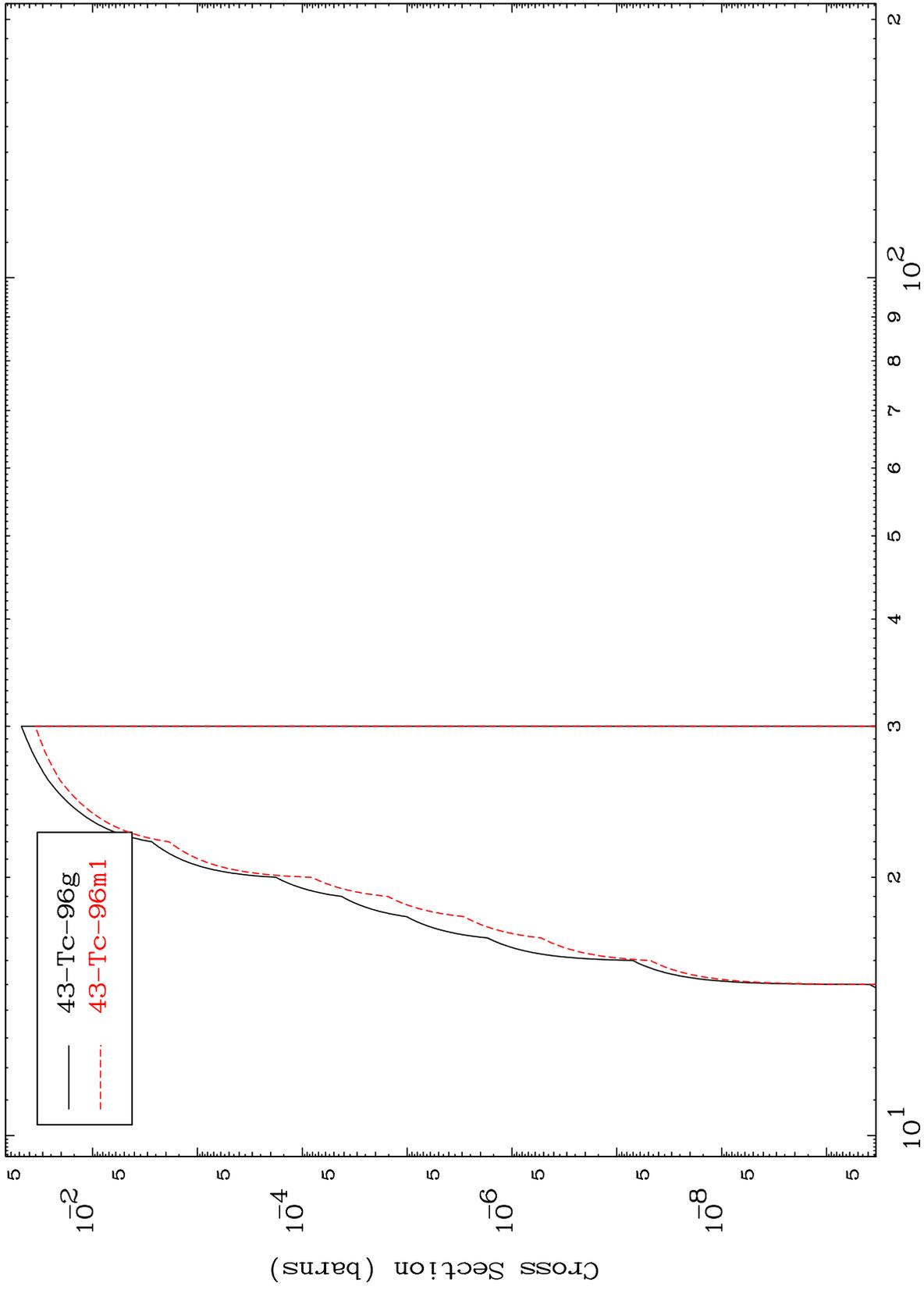
43-Tc-97

MAT 4319

(n,n')  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



Incident Energy (MeV)

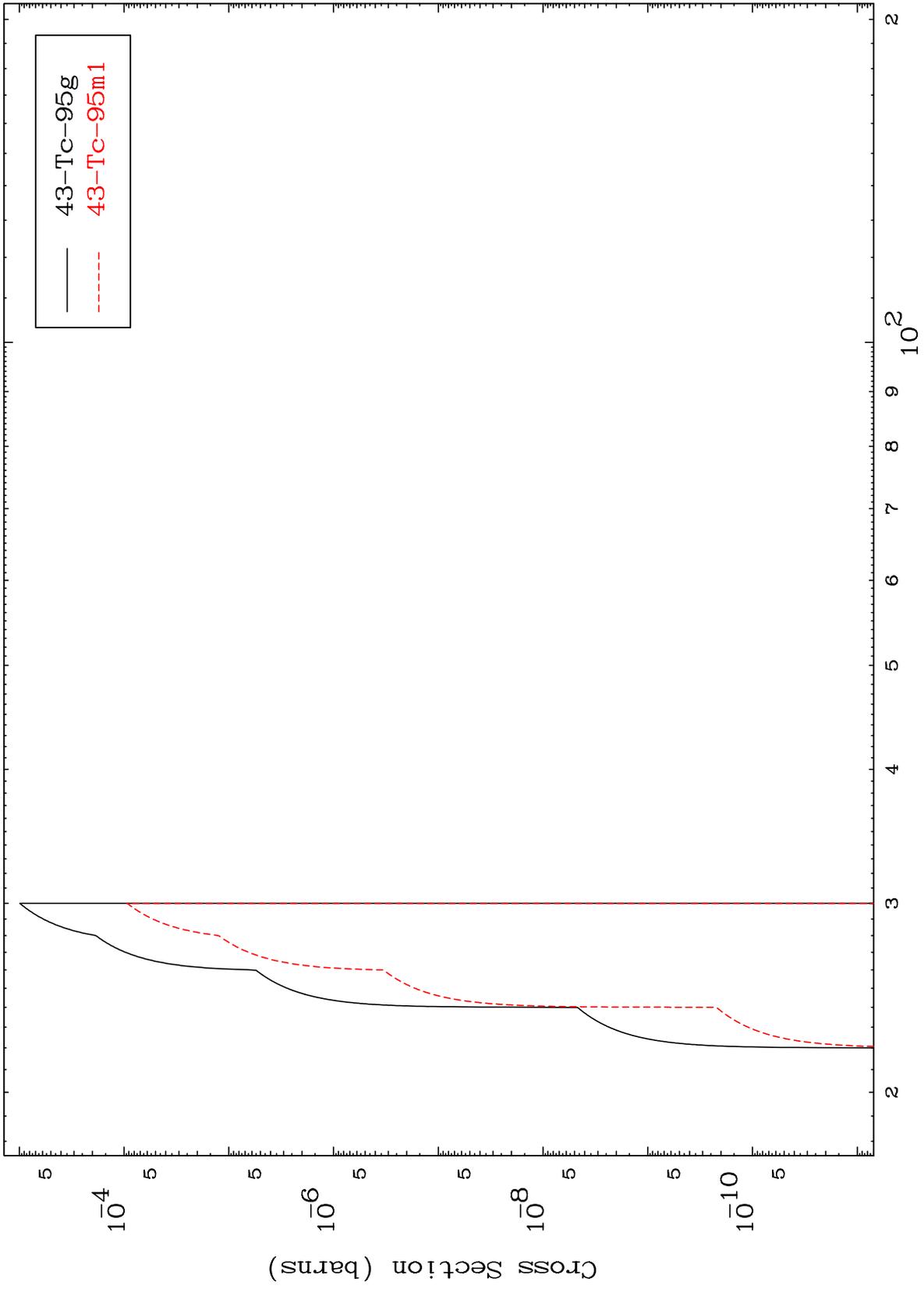
43-Tc-97

MAT 4319

(n,2n)  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



16

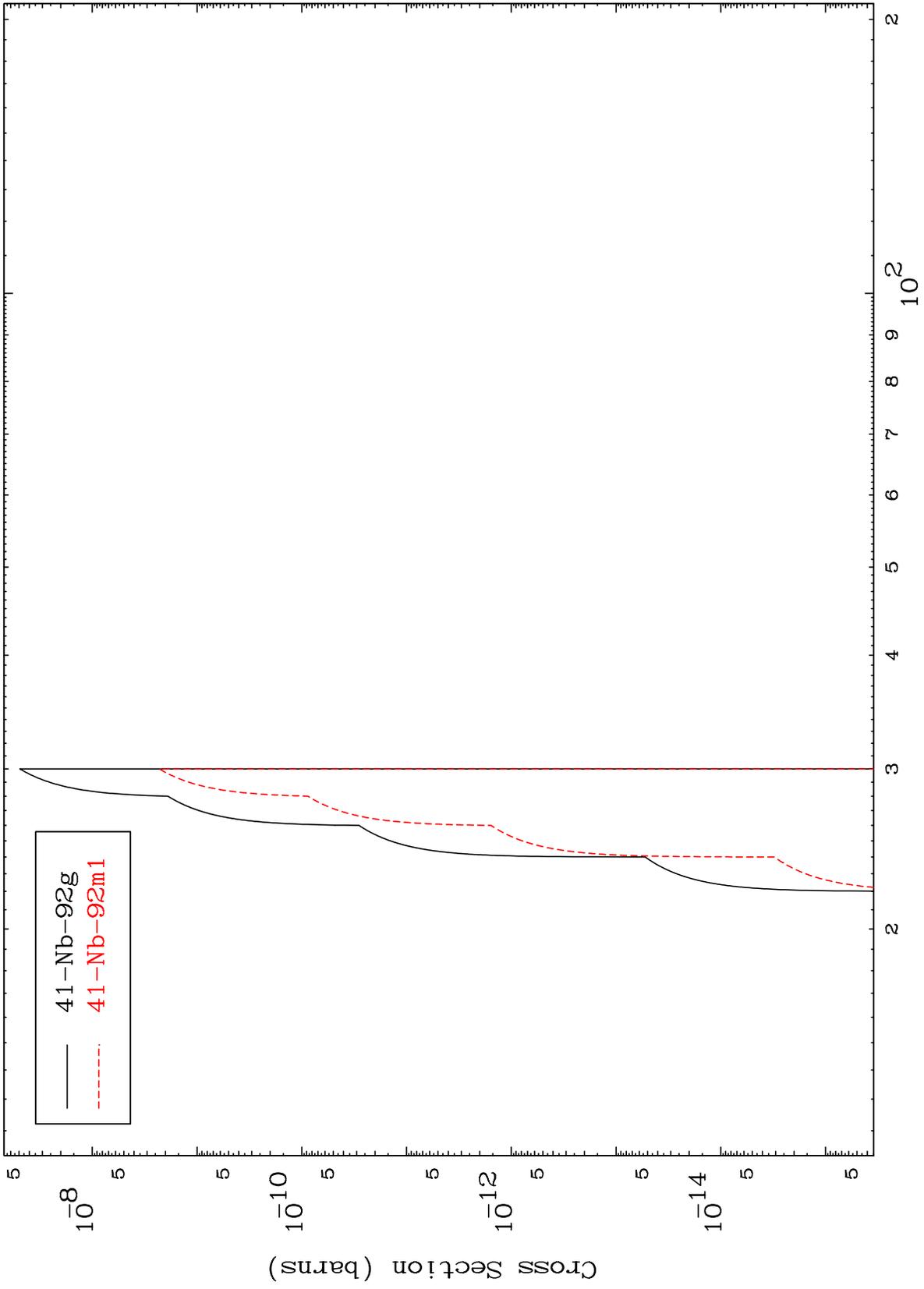
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section

43-Tc-97



17

Incident Energy (MeV)

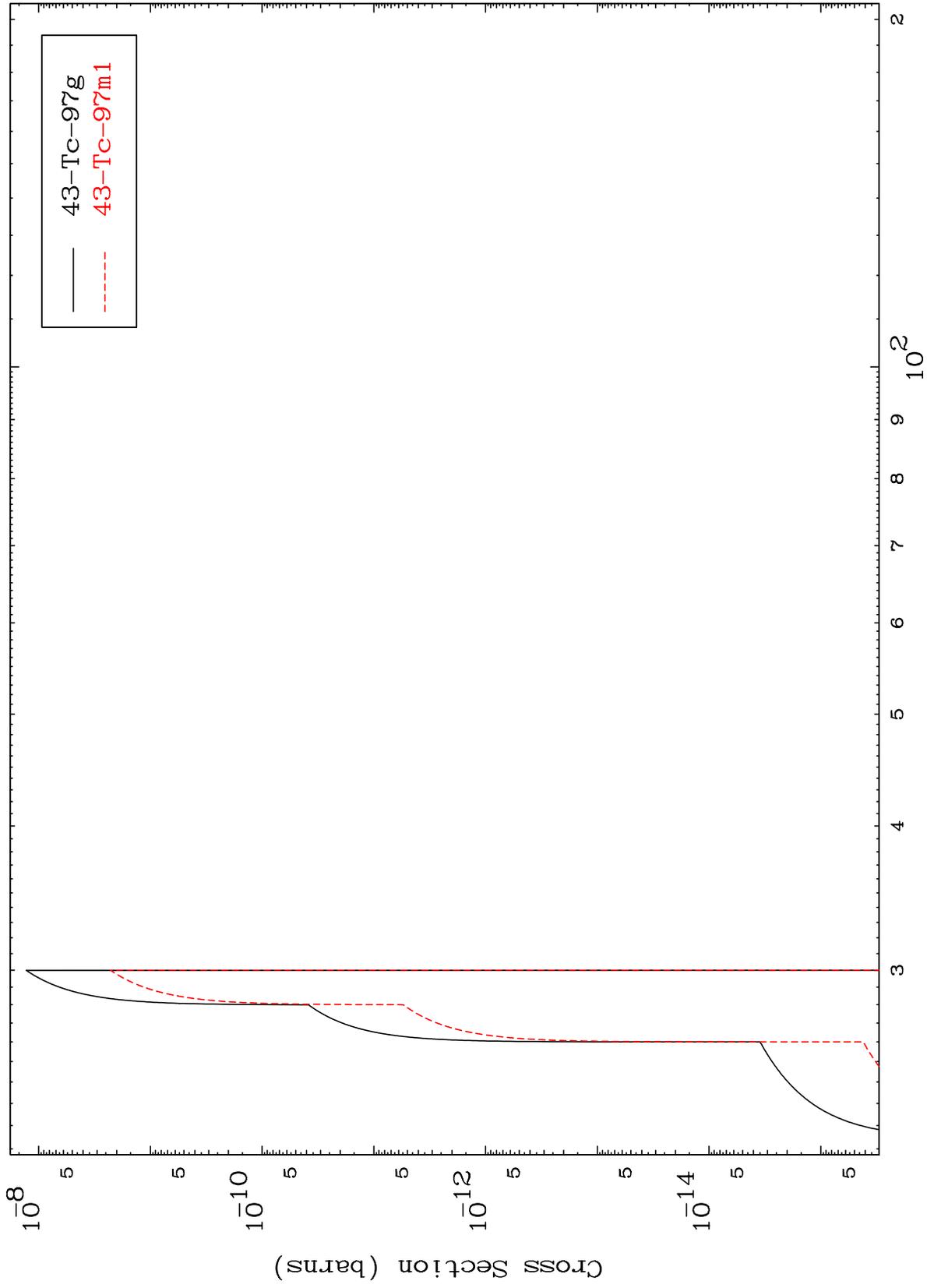
43-Tc-97

MAT 4319

(n, n') He-3

43-Tc-97

Radionuclide Production Cross Section



18

Incident Energy (MeV)

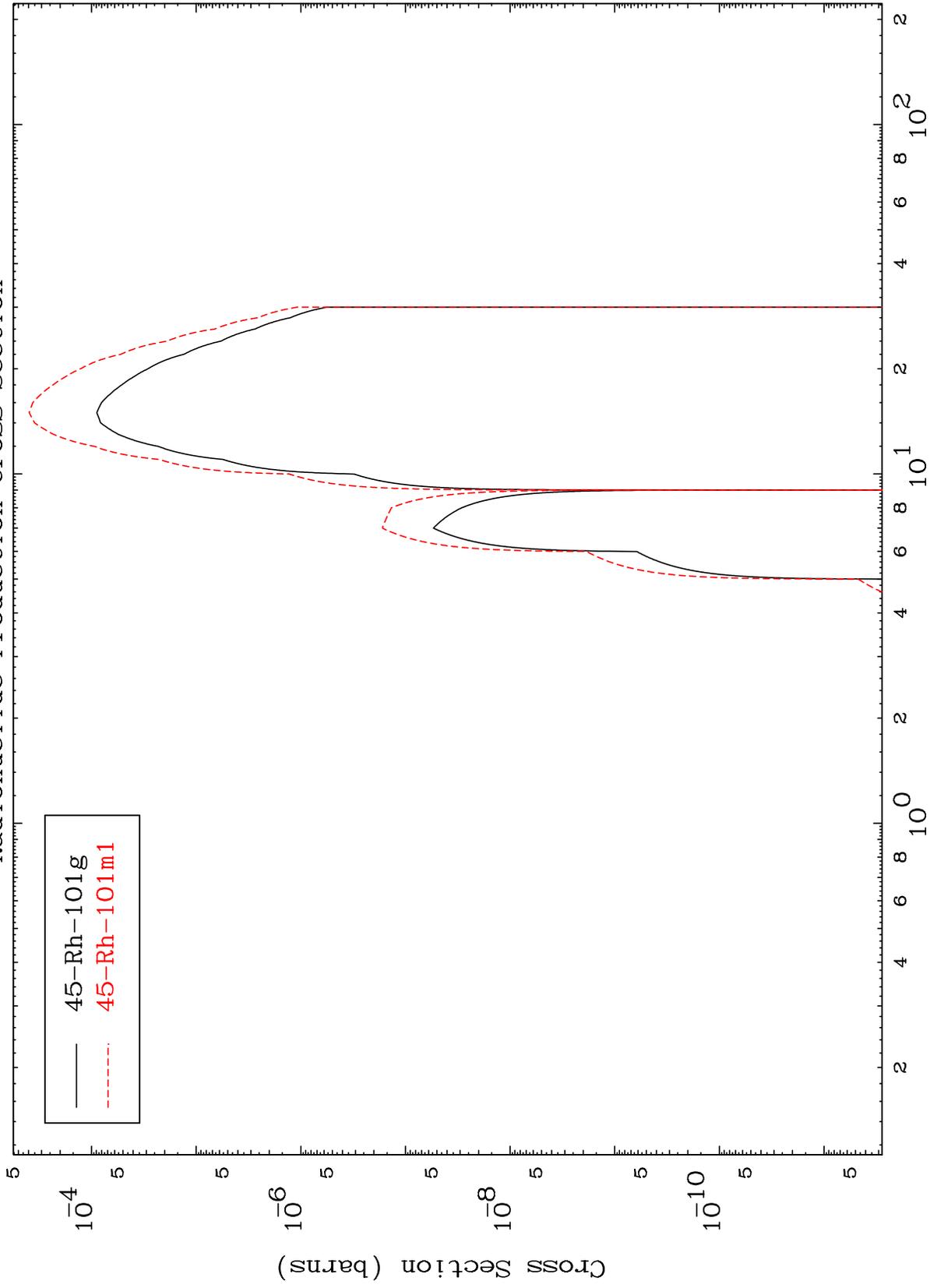
43-Tc-97

MAT 4319

(n,γ)

43-Tc-97

Radionuclide Production Cross Section



19

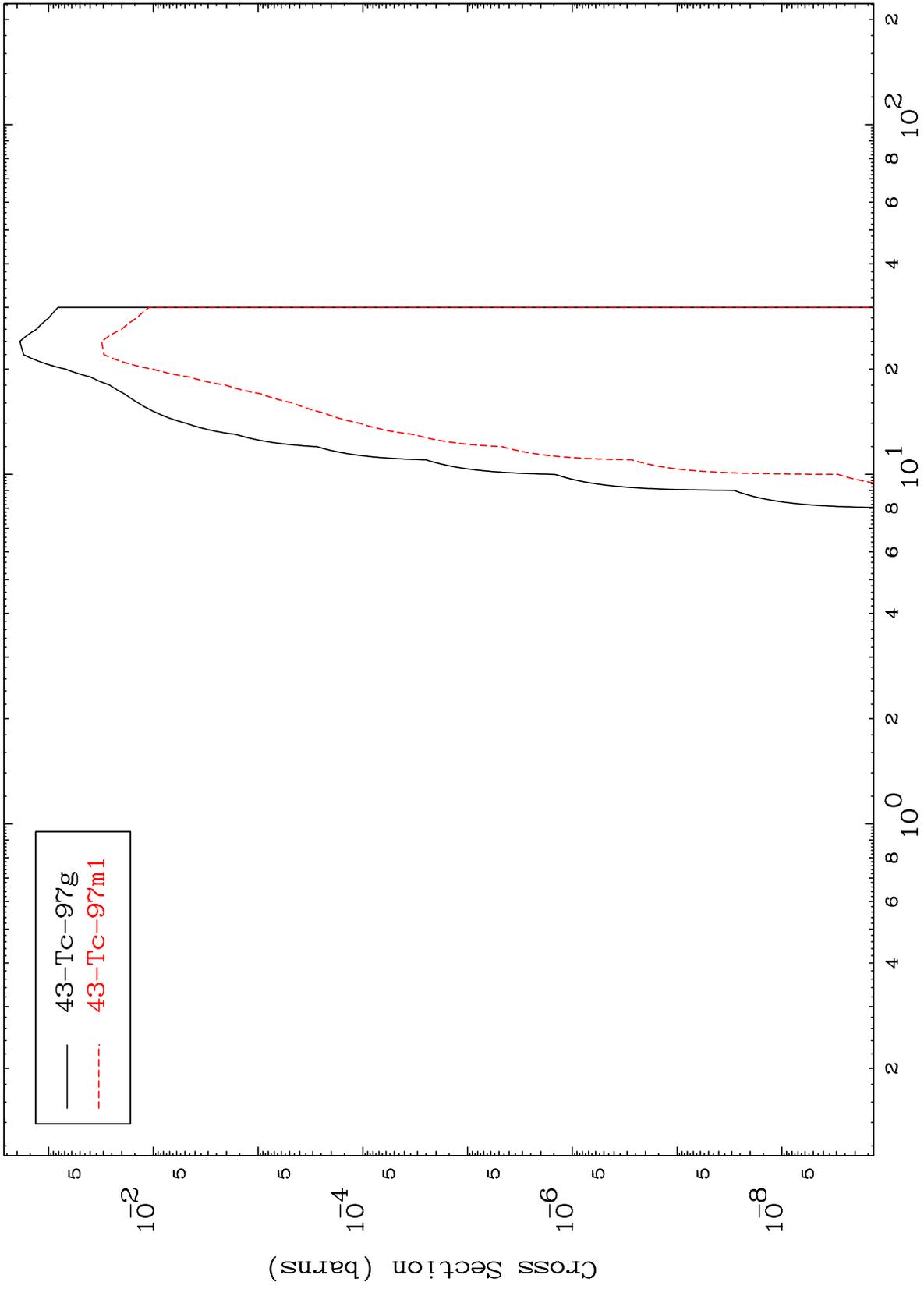
Incident Energy (MeV)

43-Tc-97

MAT 4319

<sup>43</sup>Tc-97

Radionuclide Production Cross Section



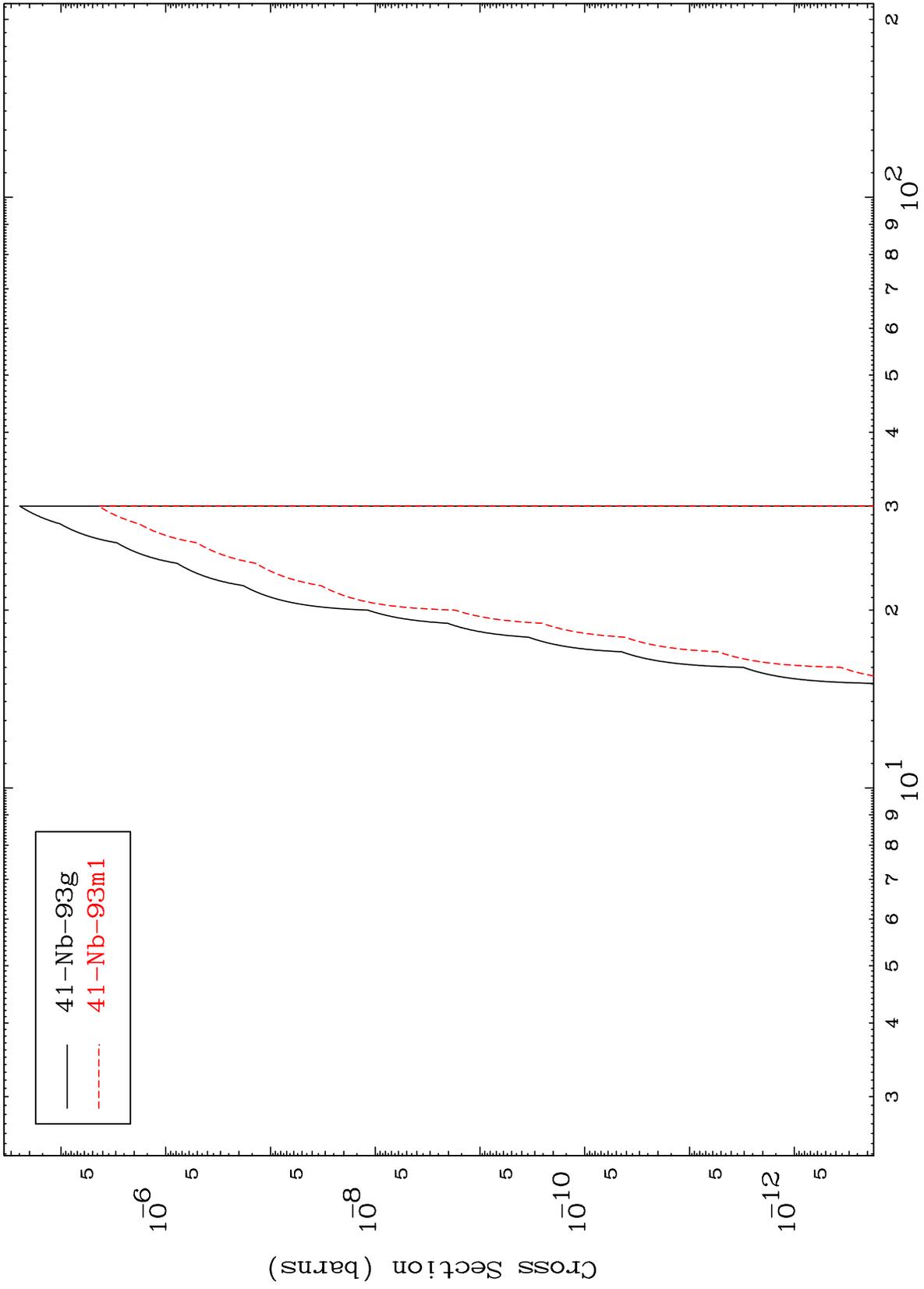
20

<sup>43</sup>Tc-97

MAT 4319

43-Tc-97

Radionuclide Production Cross Section  
(n,2α)



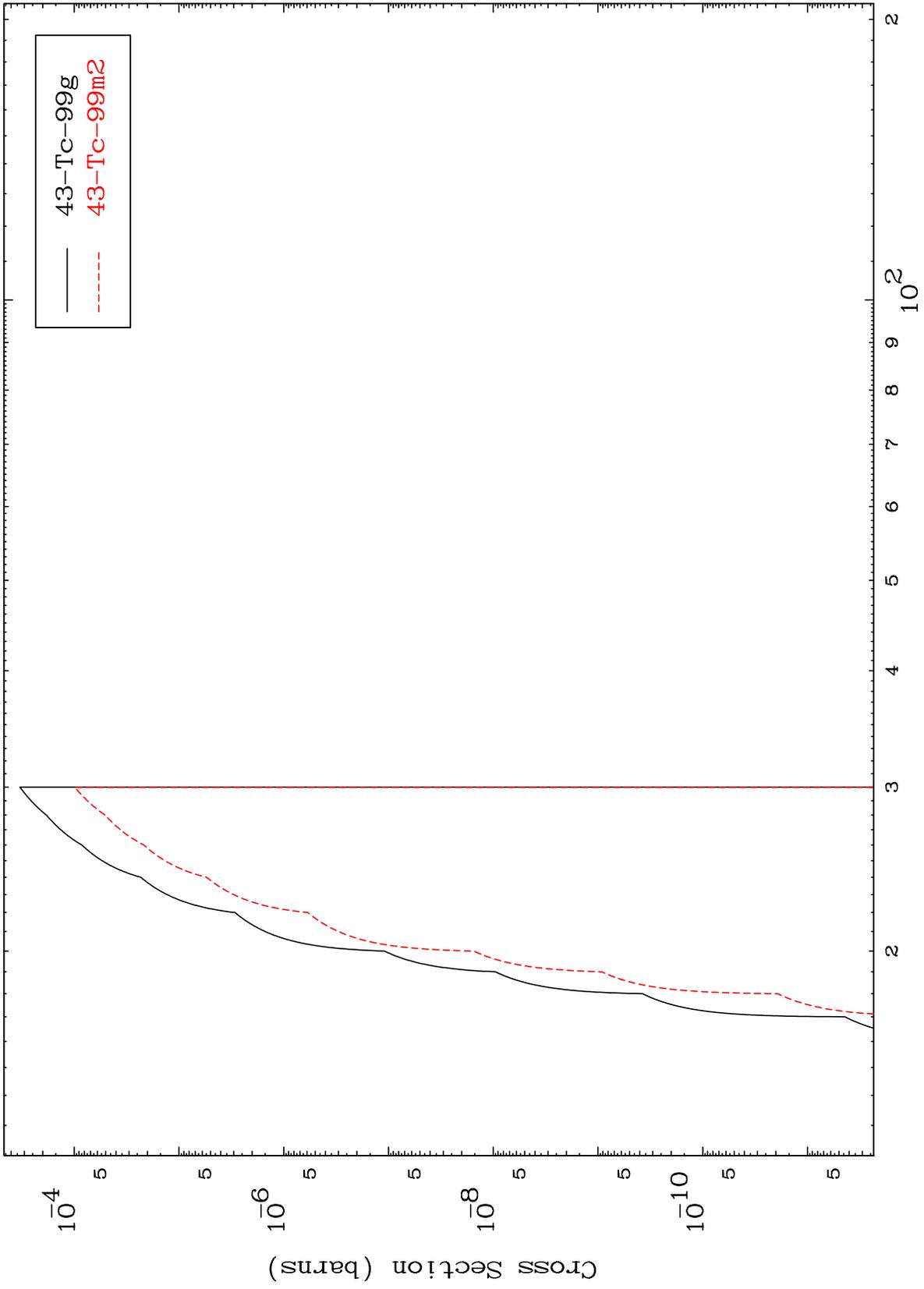
21

43-Tc-97

MAT 4319

43-Tc-97

(n,2p)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

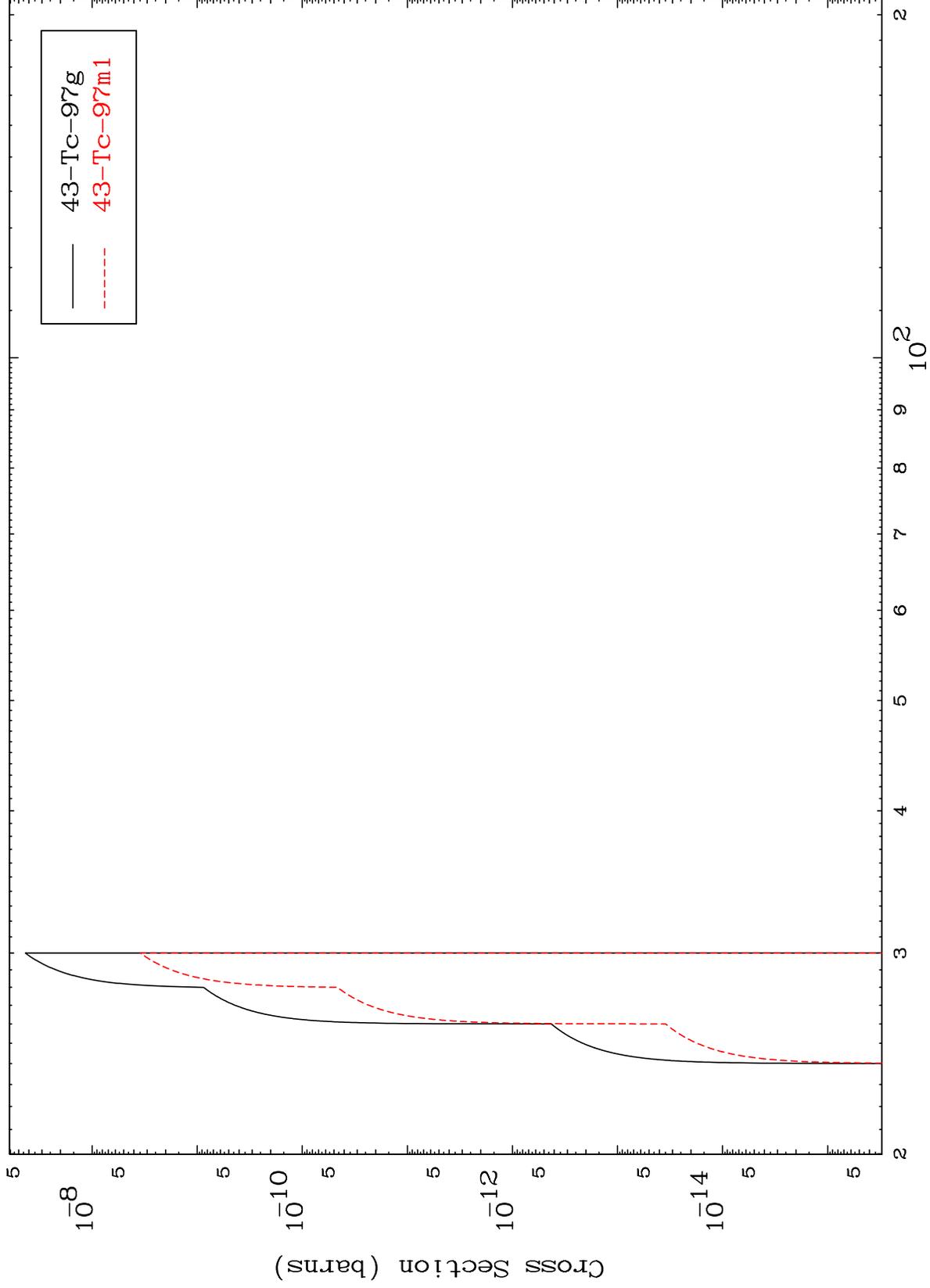
43-Tc-97

MAT 4319

(n,p) t

43-Tc-97

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-97