

Program EVALPLOT  
(Version 2018-1)

by

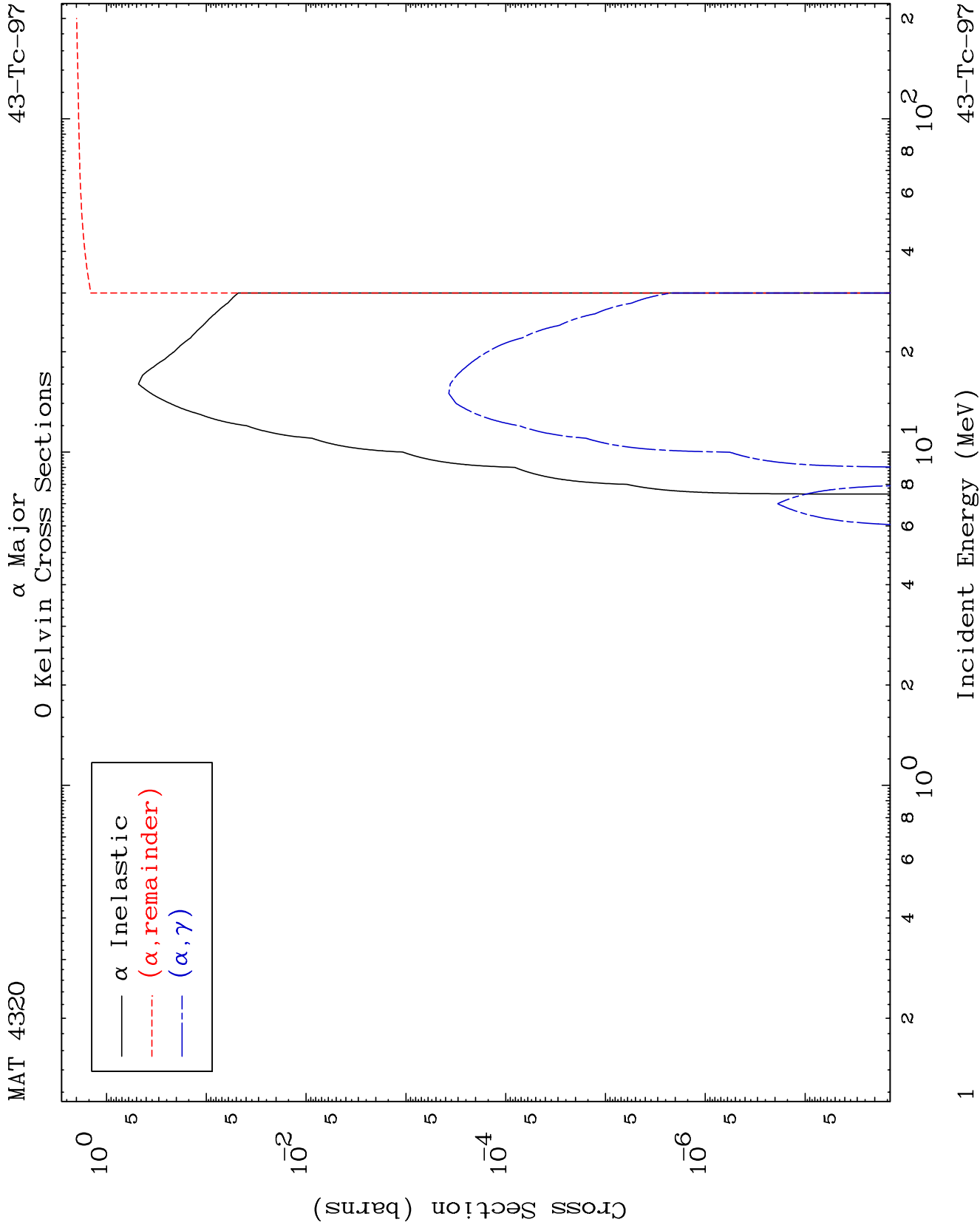
Dermott E. Cullen  
(Present Contact Information)

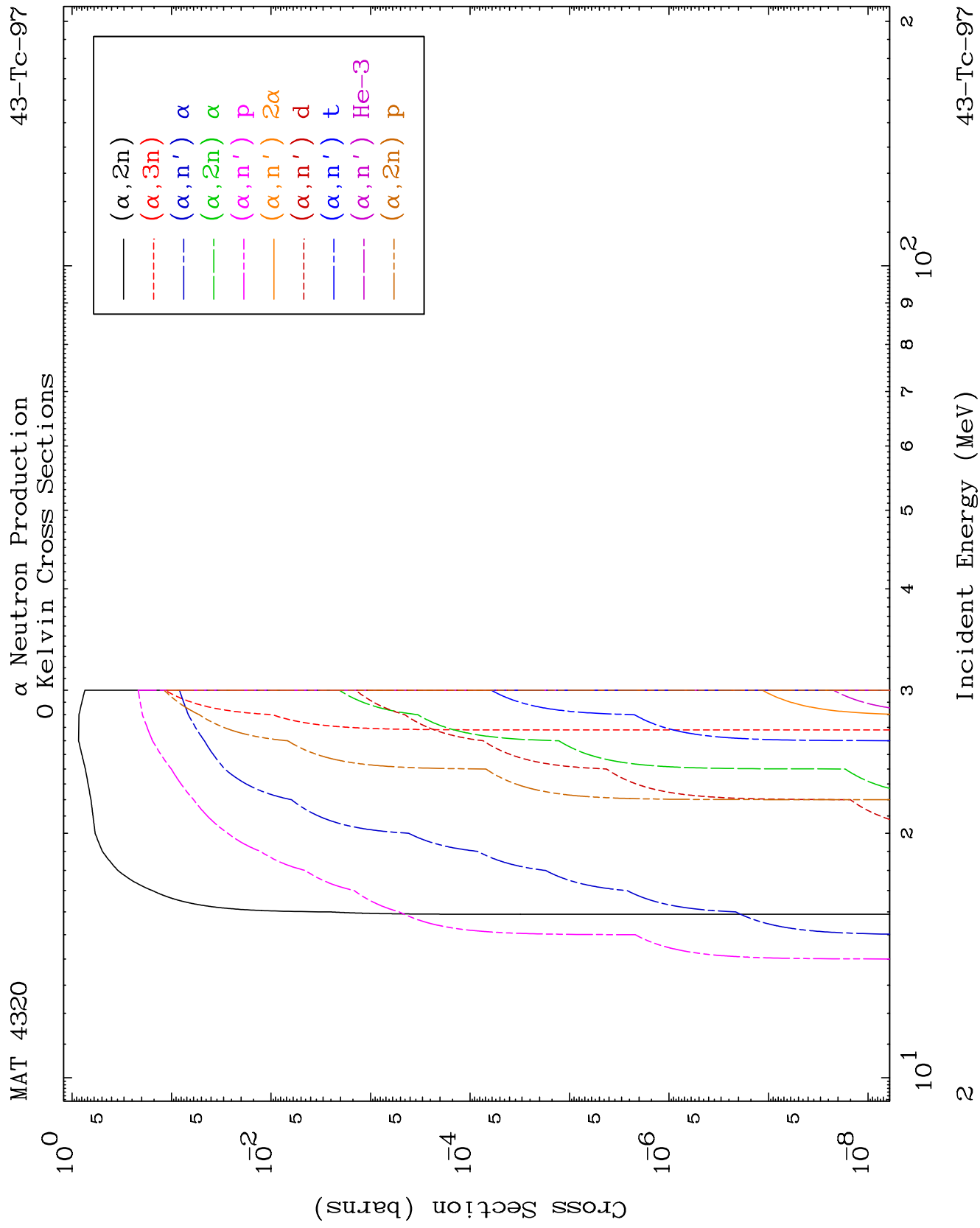
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
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Tele: 925-443-1911

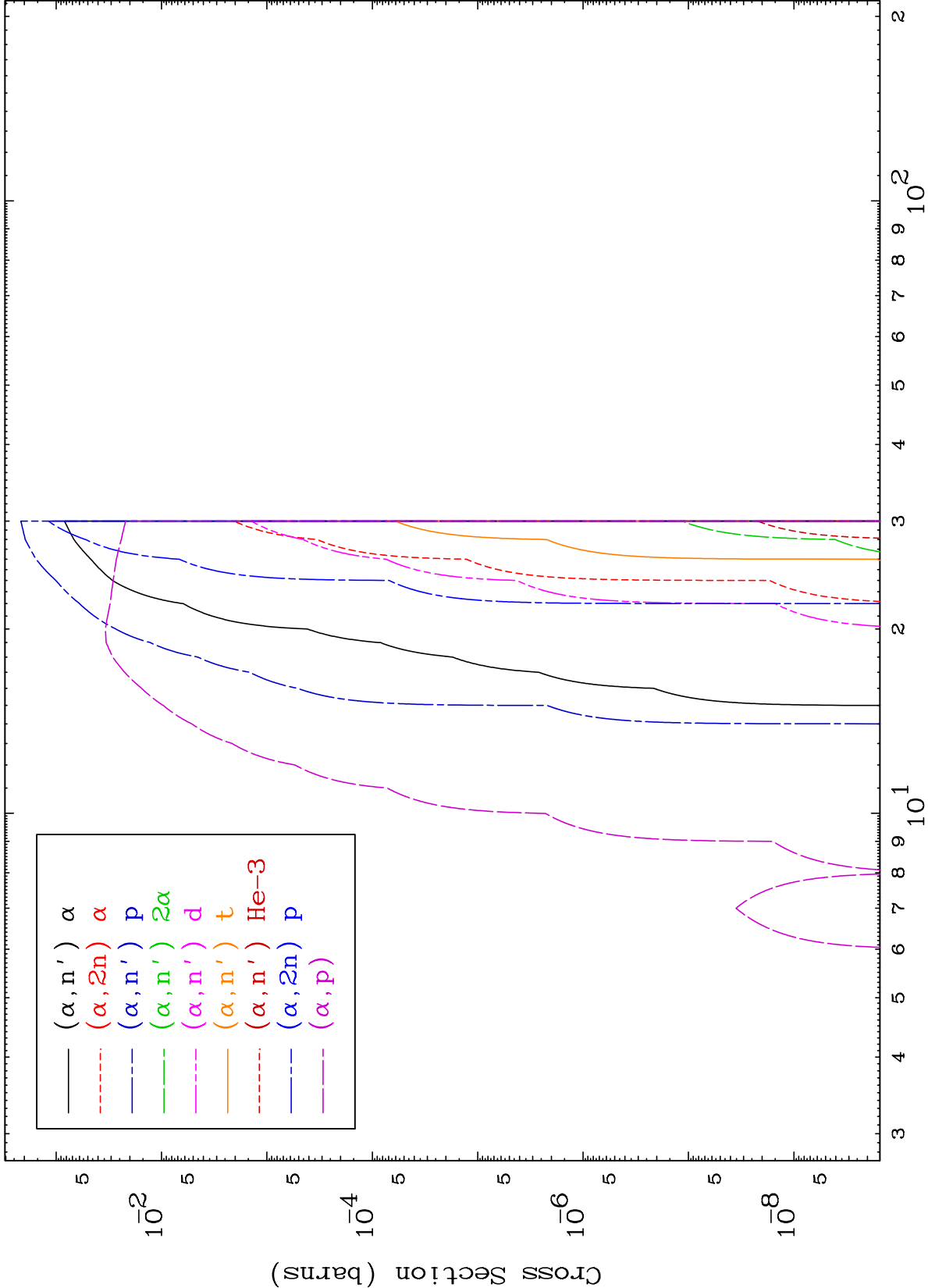
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start





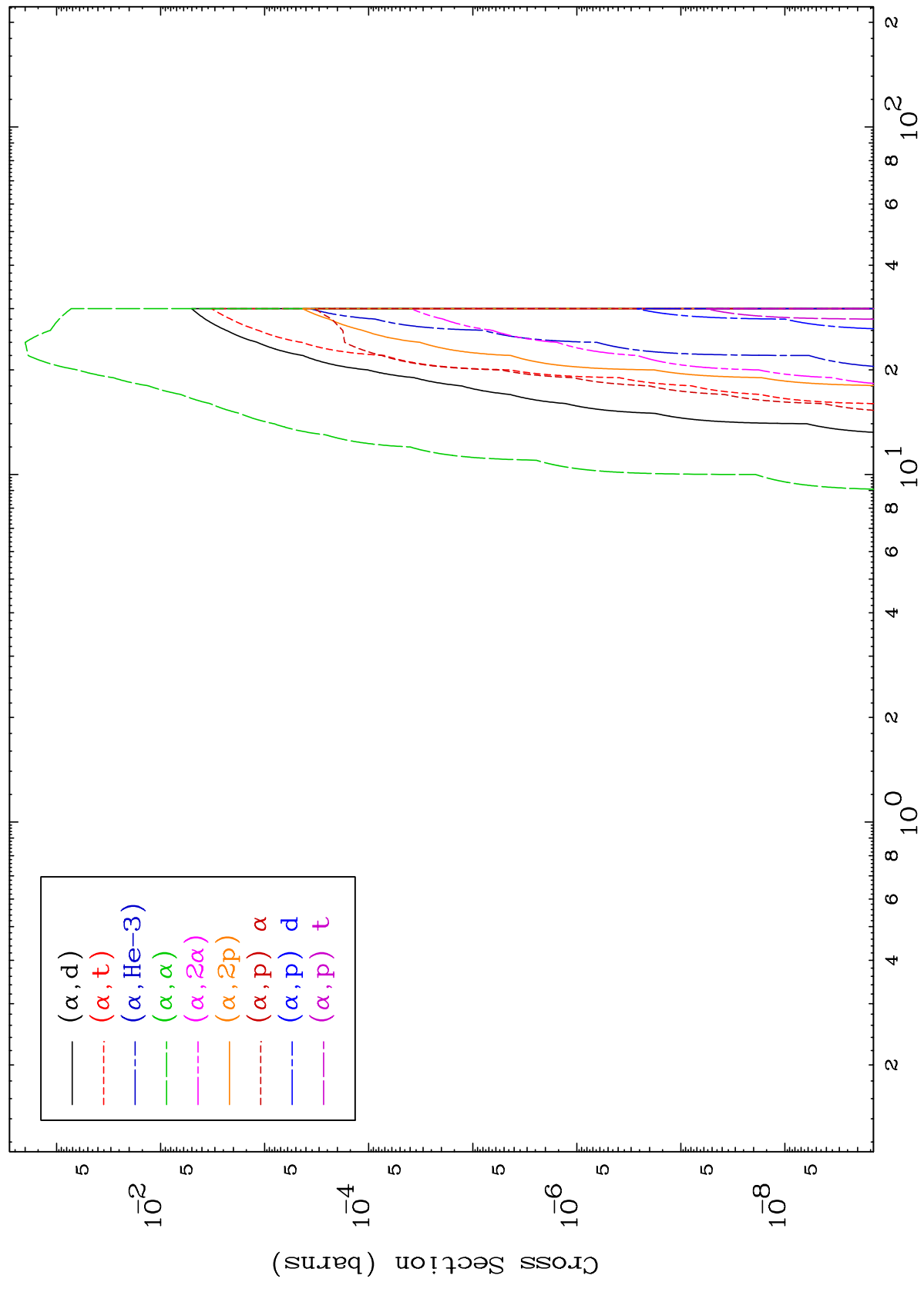
0 Kelvin Cross Sections



MAT 4320

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-97

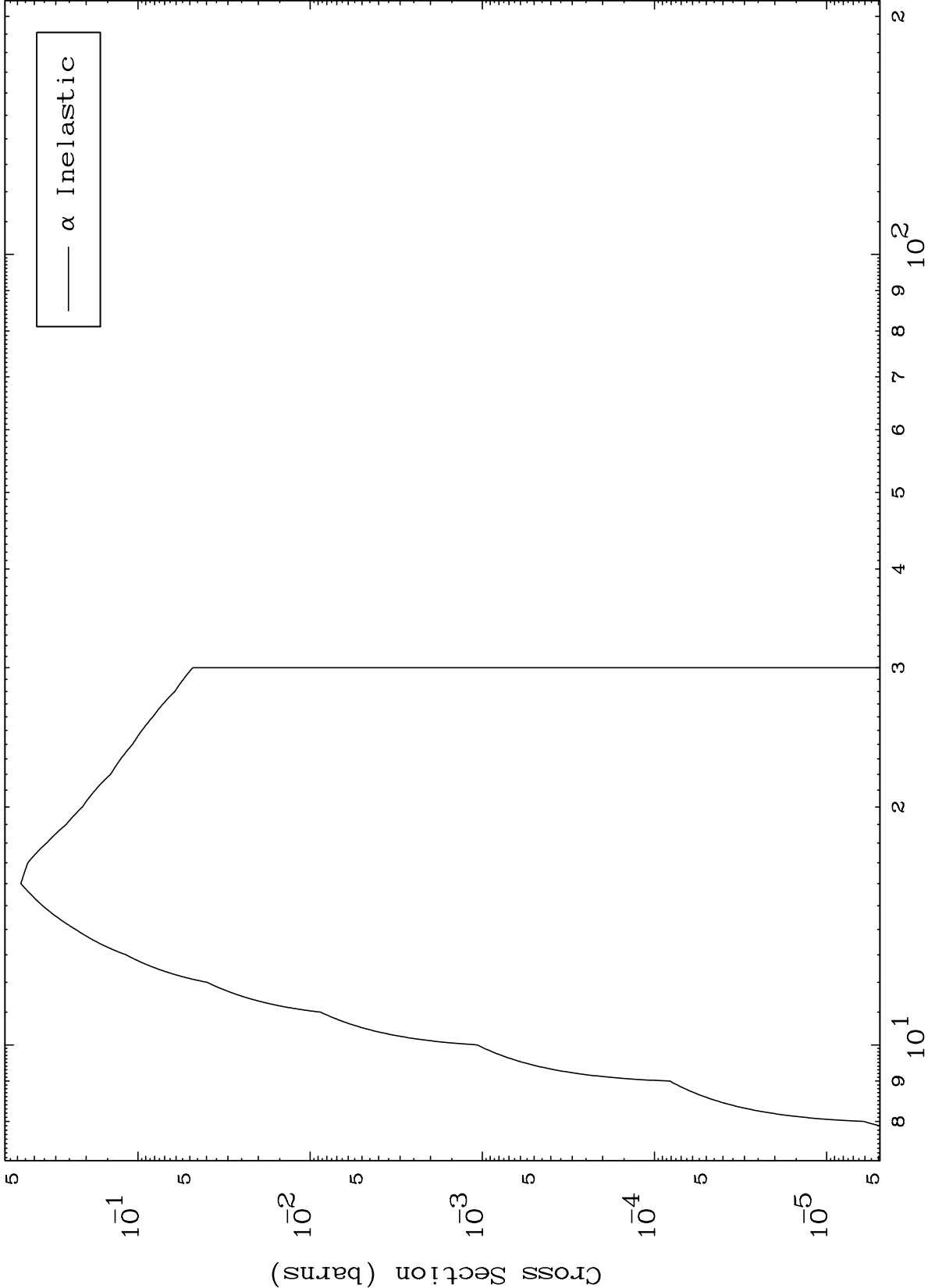


MAT 4320

( $\alpha, n'$ ) Level

43-Tc-97

0 Kelvin Cross Sections



$\alpha$  Inelastic

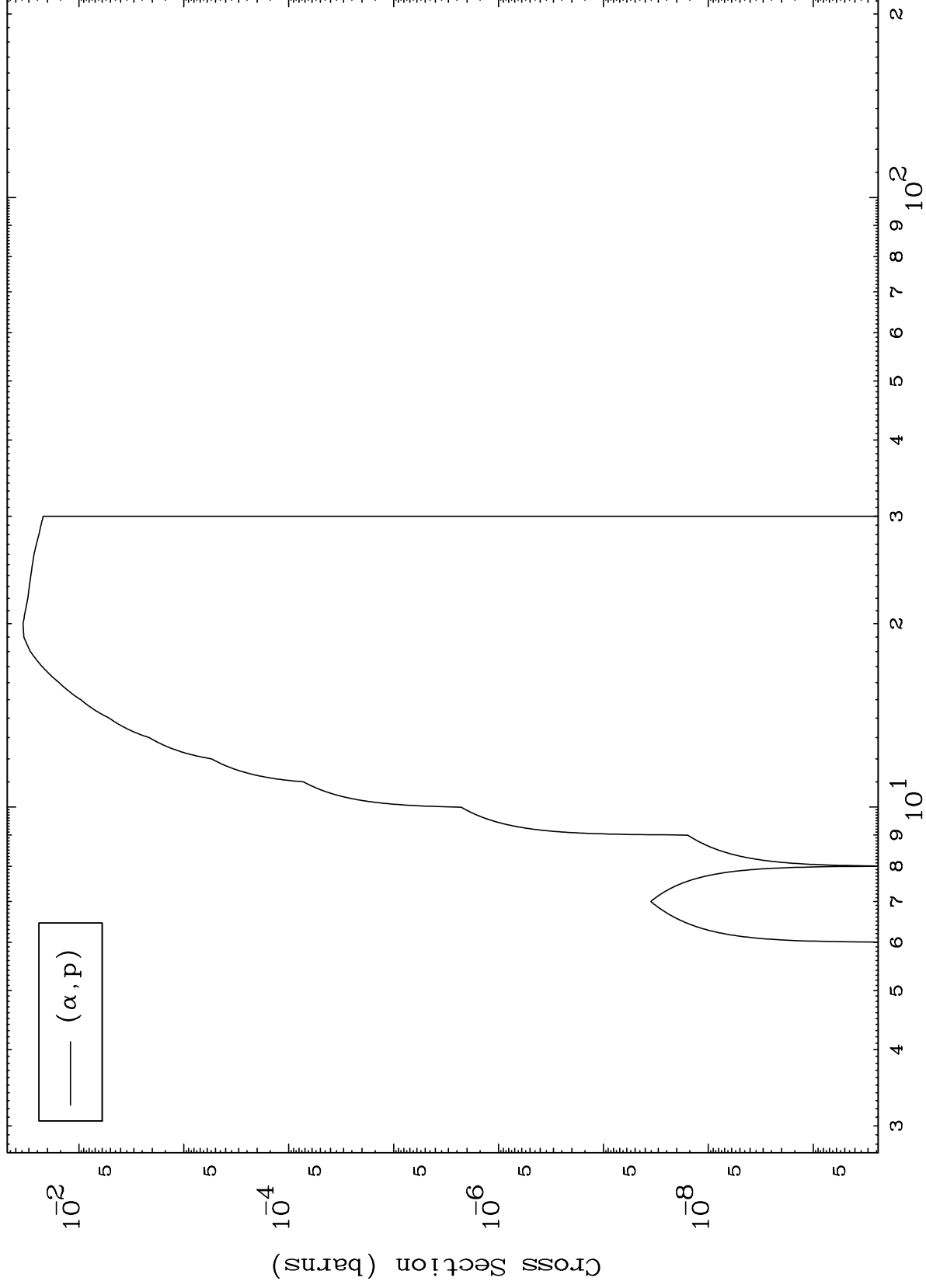
Incident Energy (MeV)

43-Tc-97

MAT 4320

43-Tc-97

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



43-Tc-97

Incident Energy (MeV)

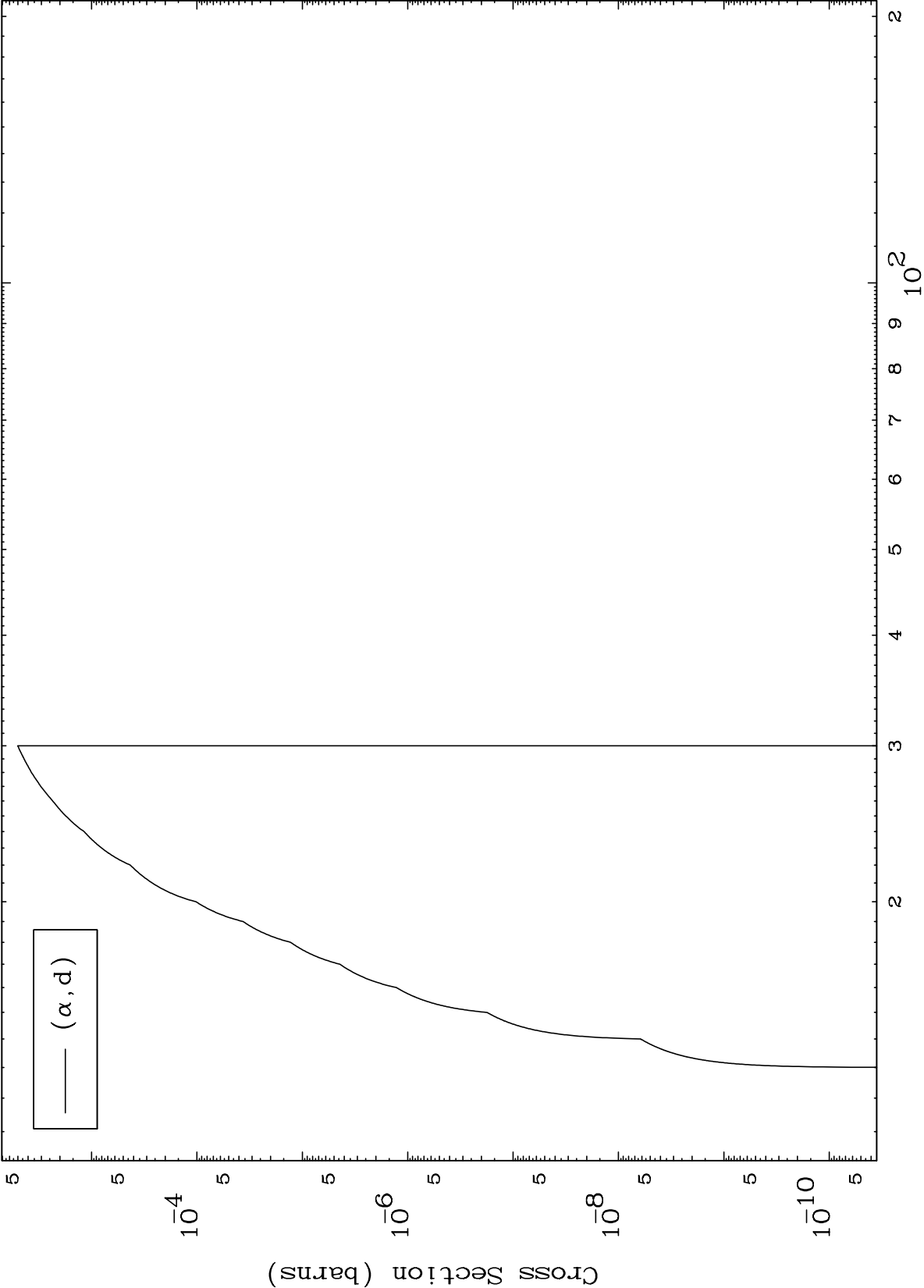
6

MAT 4320

( $\alpha$ ,d) Levels

43-Tc-97

0 Kelvin Cross Sections

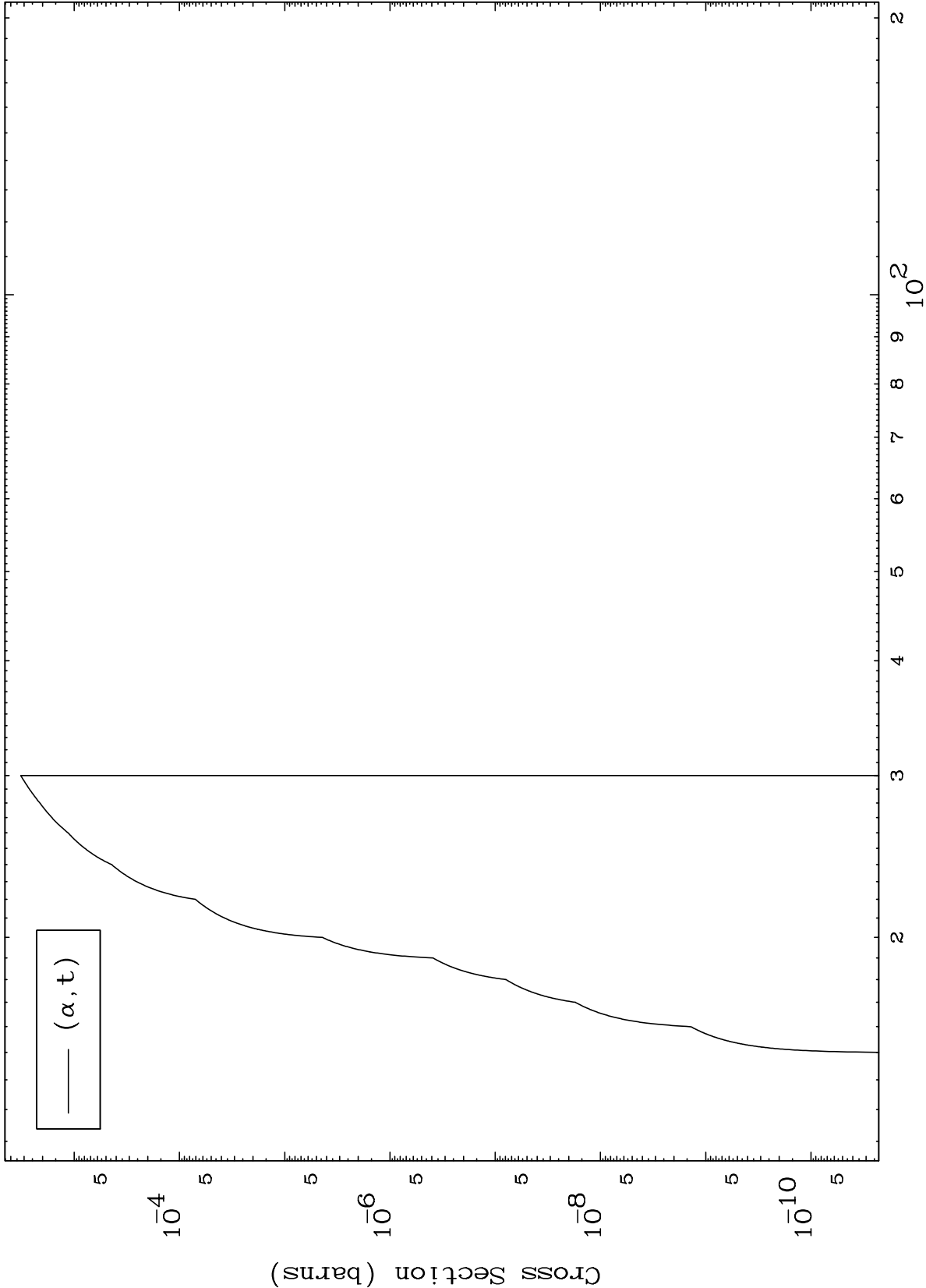


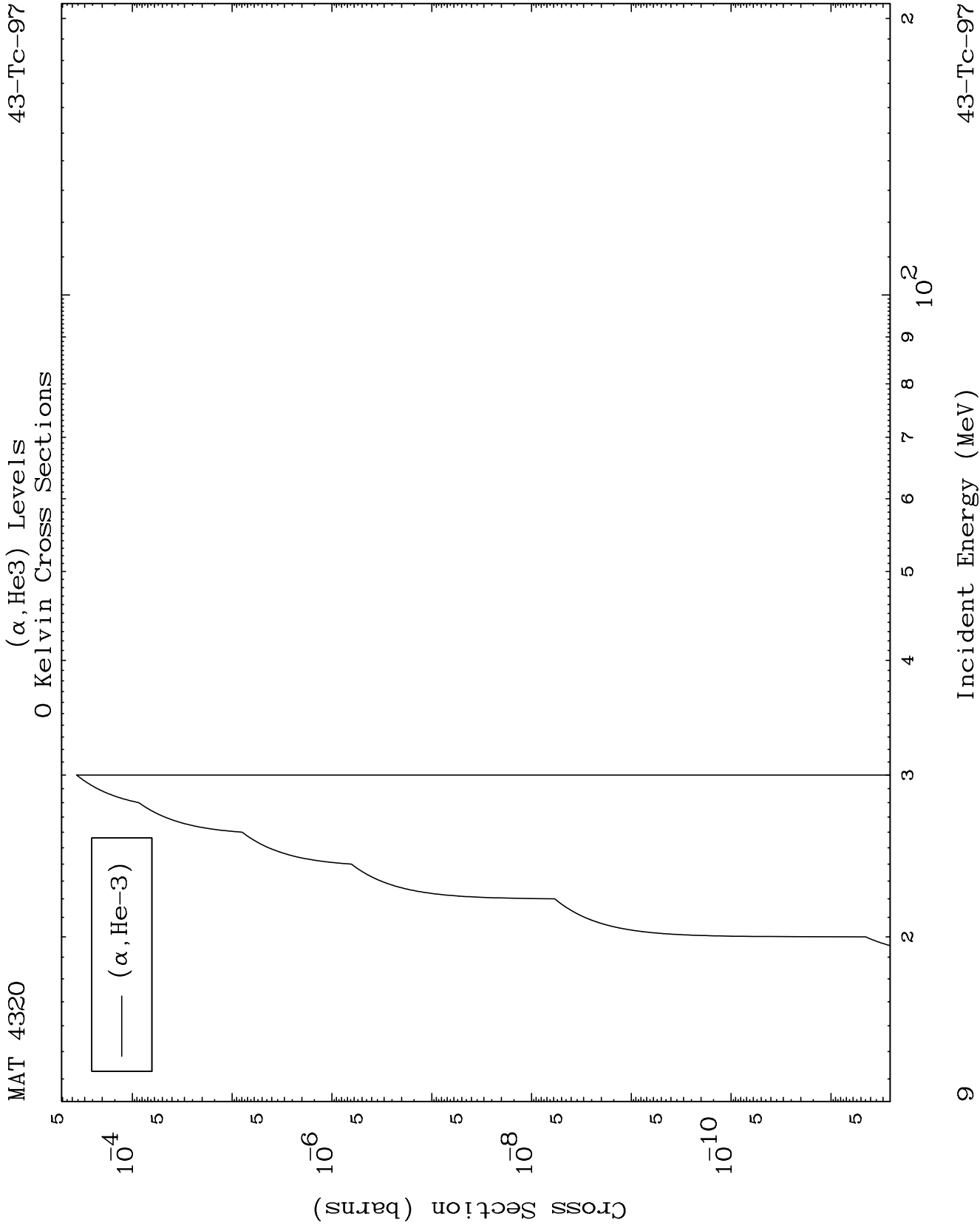
Incident Energy (MeV)

43-Tc-97

7



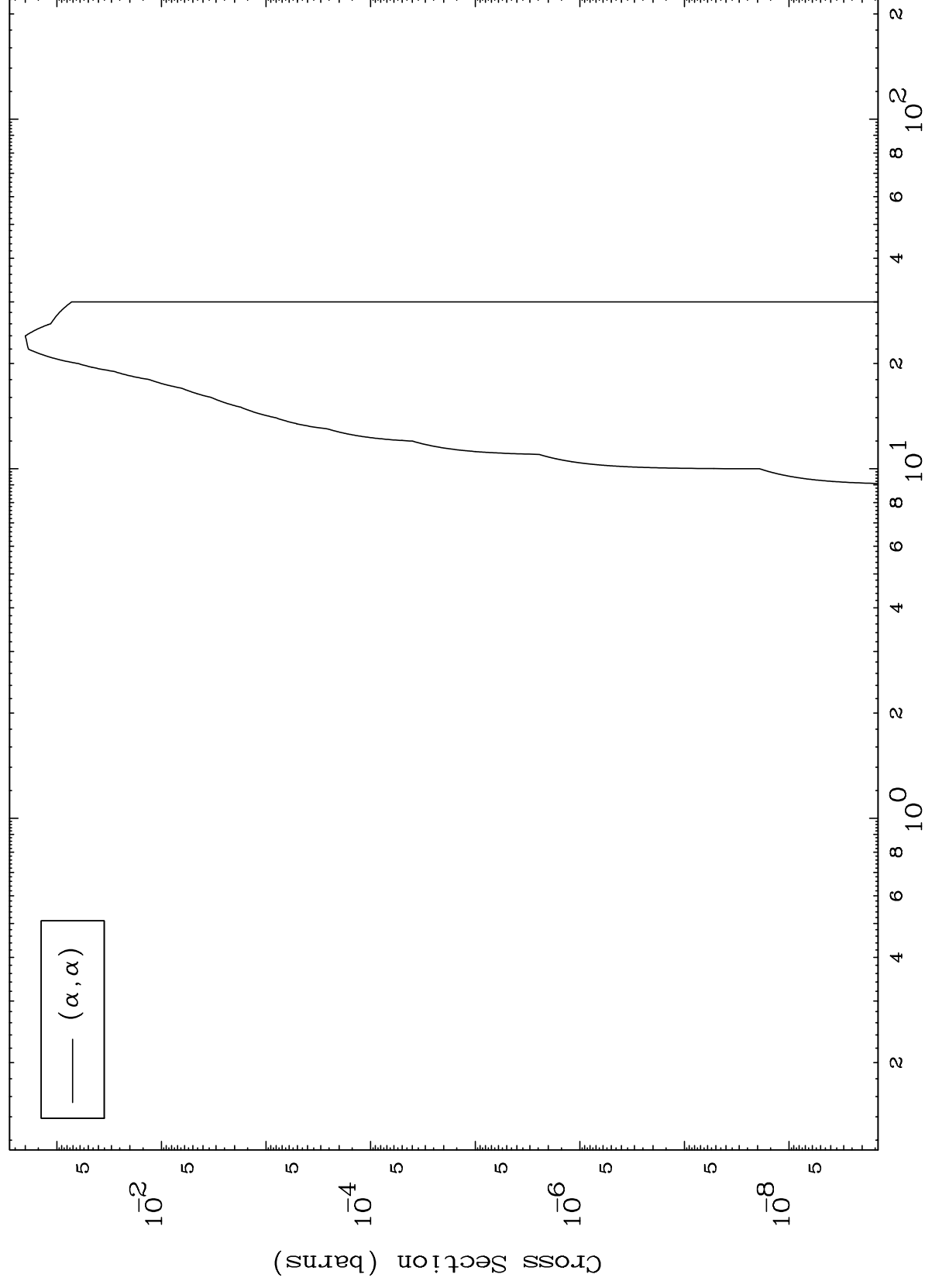




MAT 4320

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

43-Tc-97



10

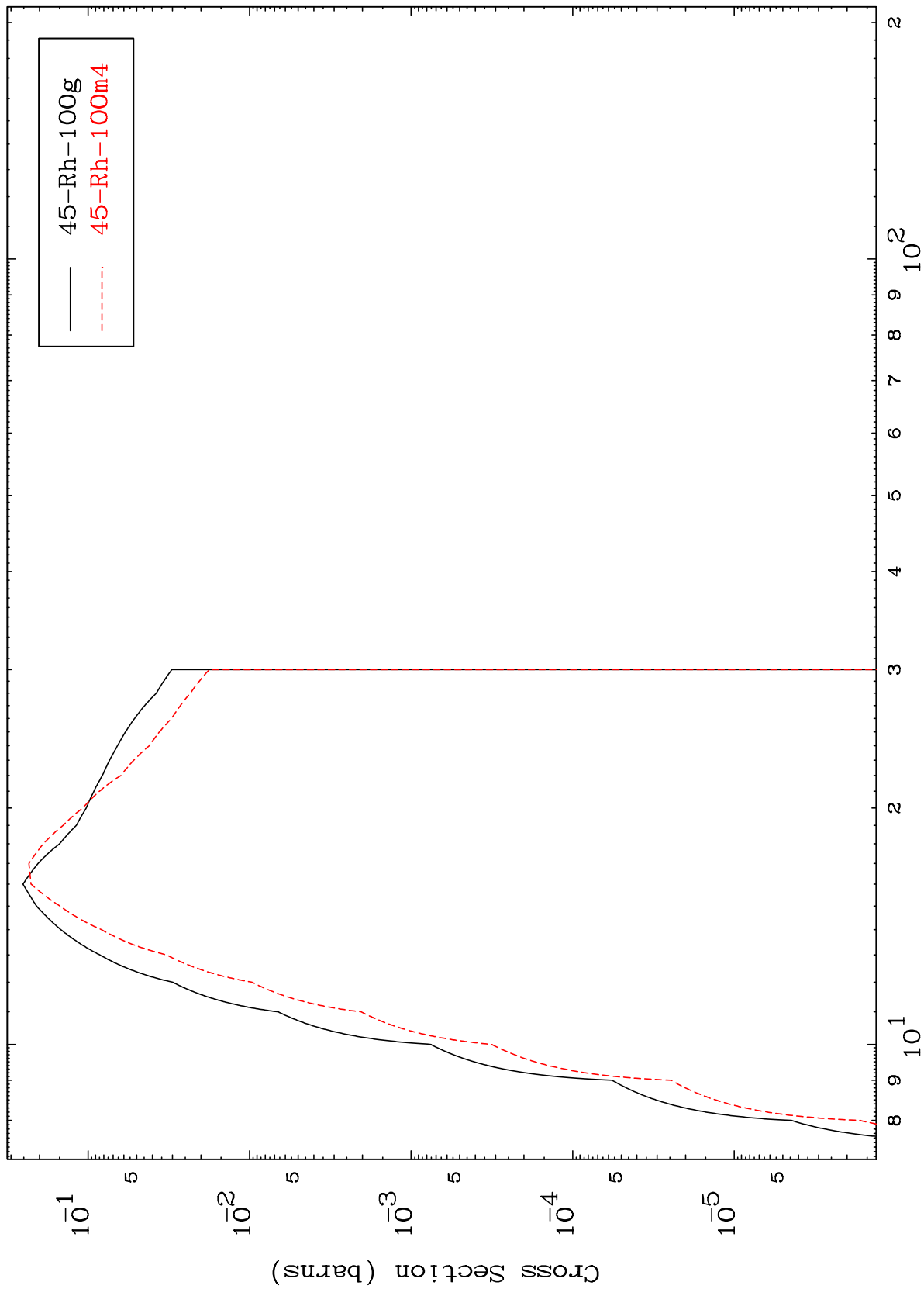
Incident Energy (MeV)

43-Tc-97

MAT 4320

43-Tc-97

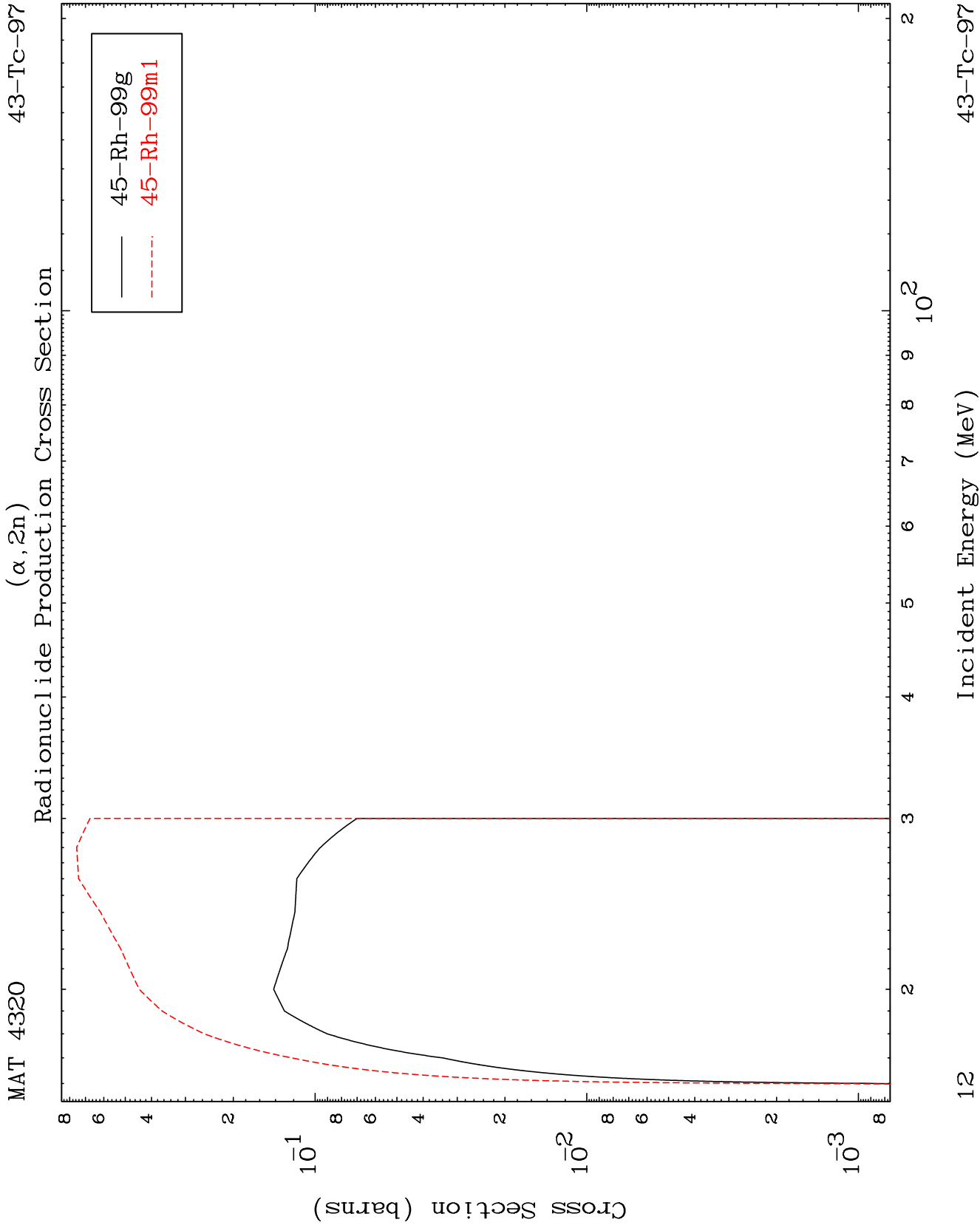
$\alpha$  Inelastic  
Radionuclide Production Cross Section

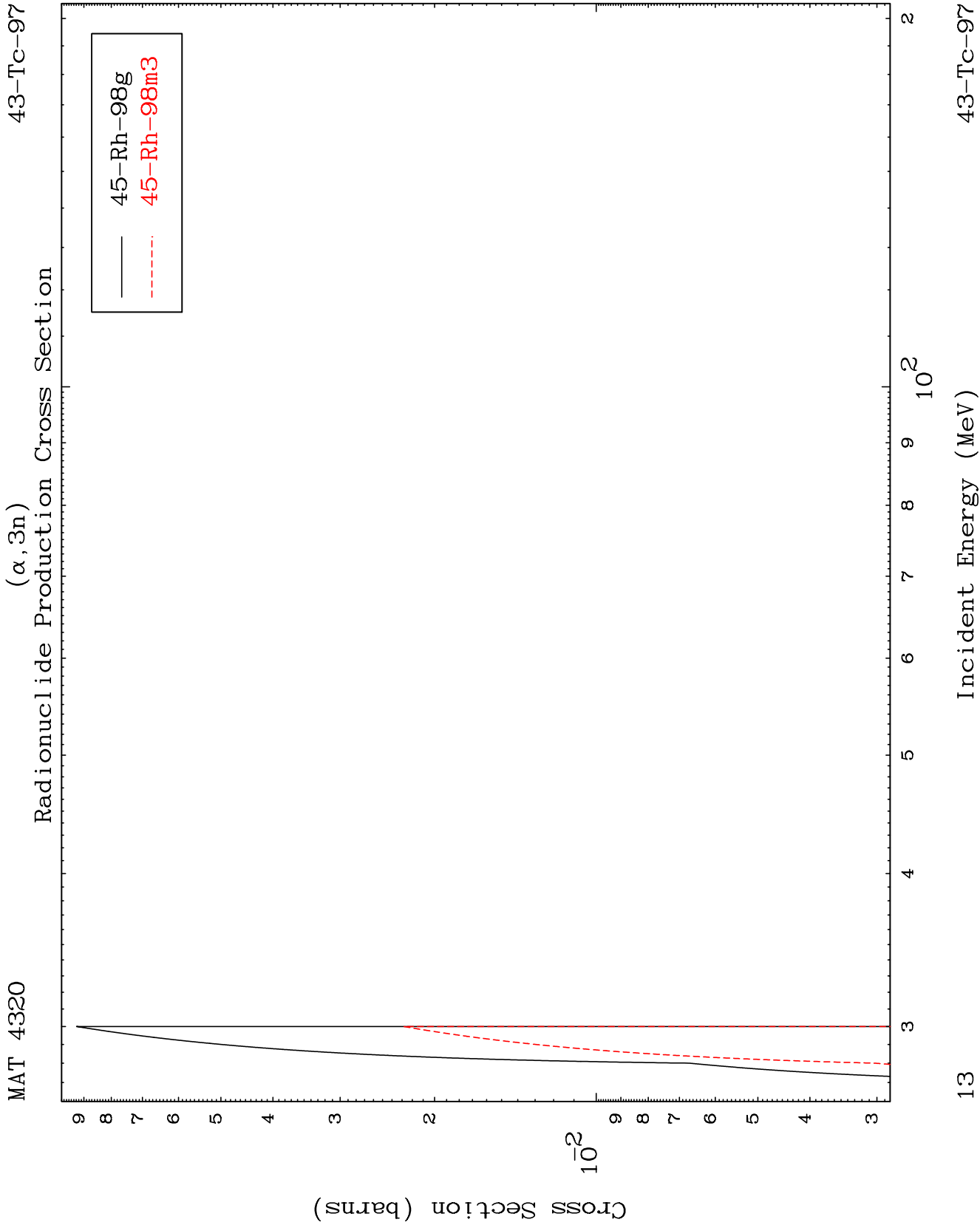


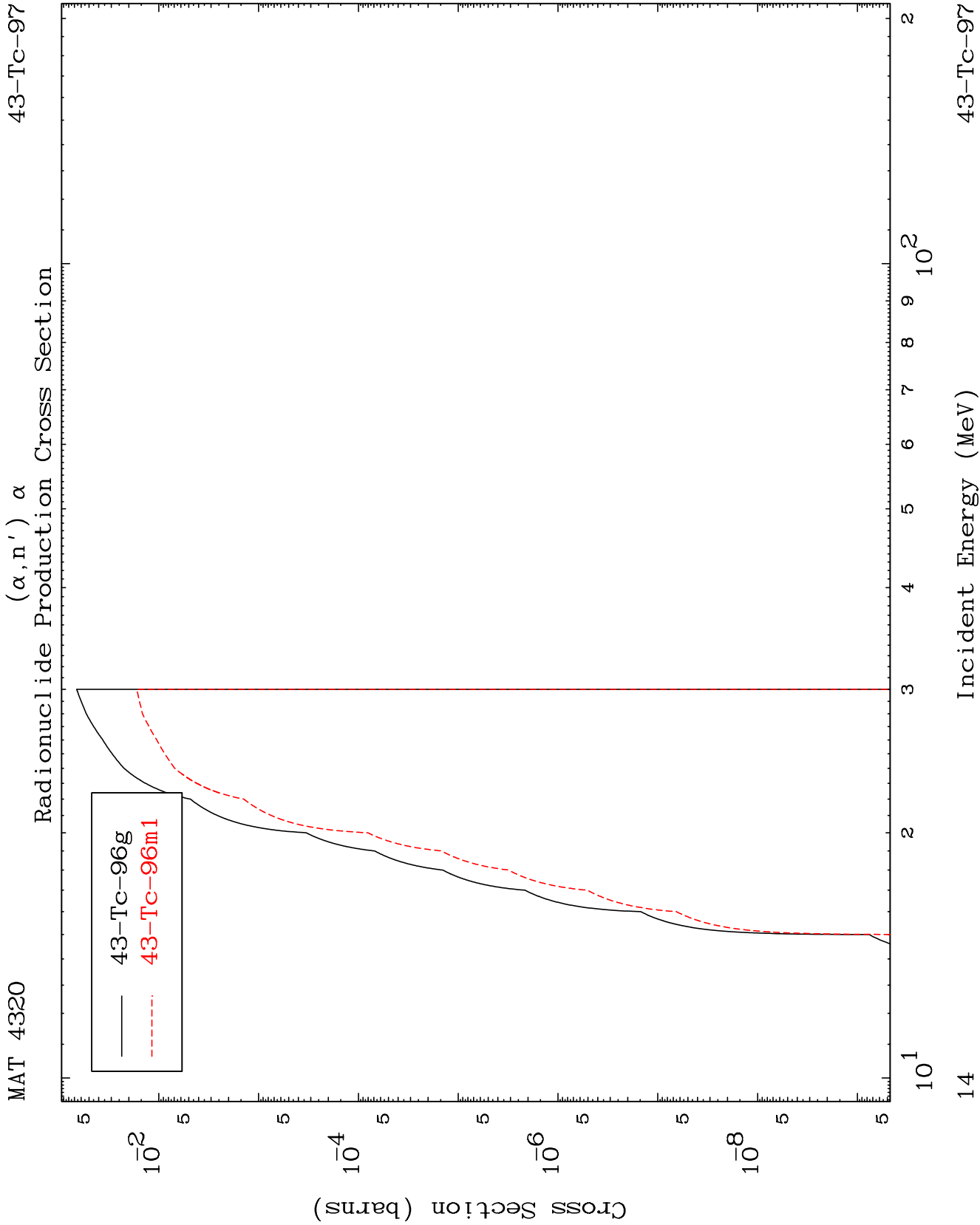
43-Tc-97

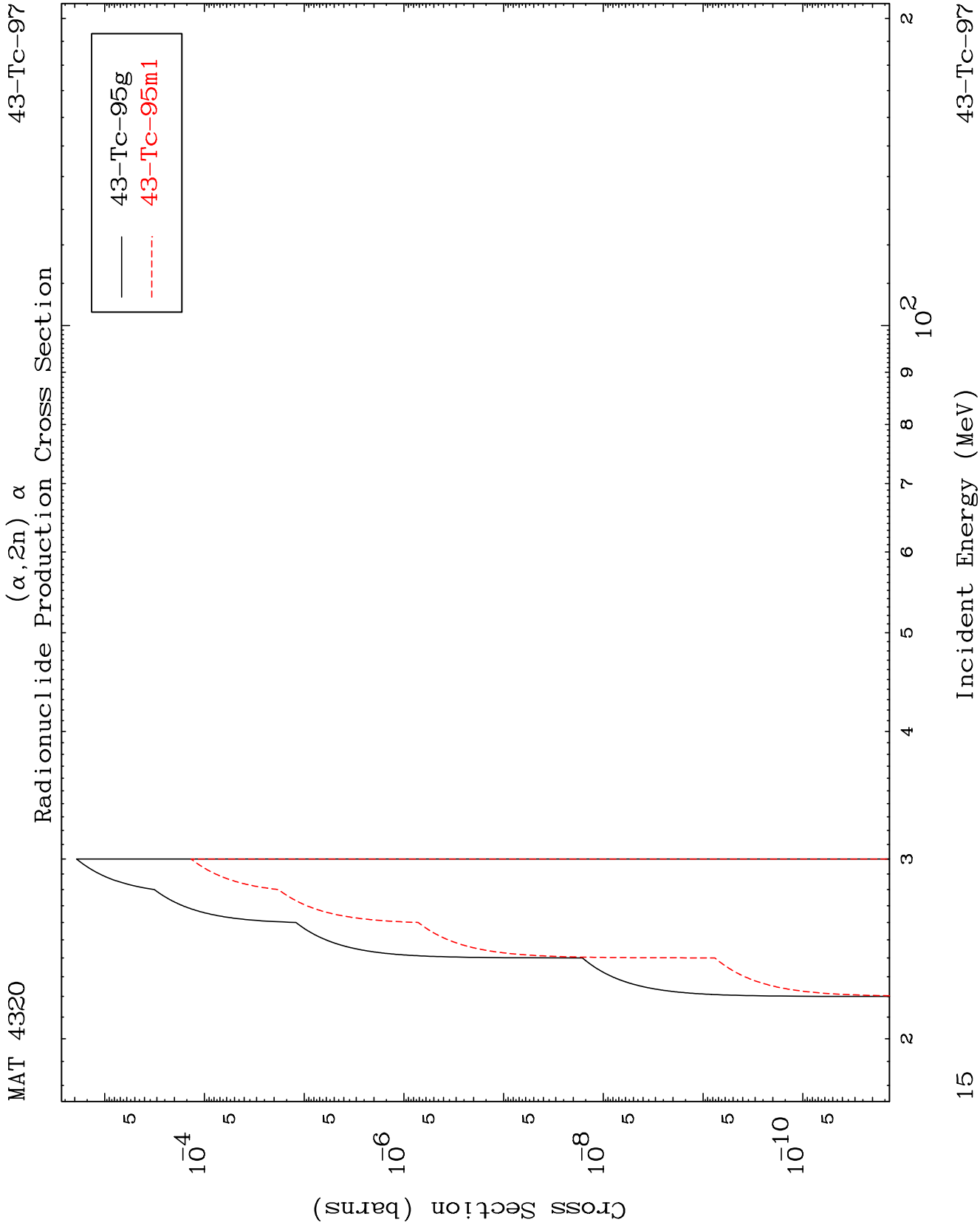
Incident Energy (MeV)

11







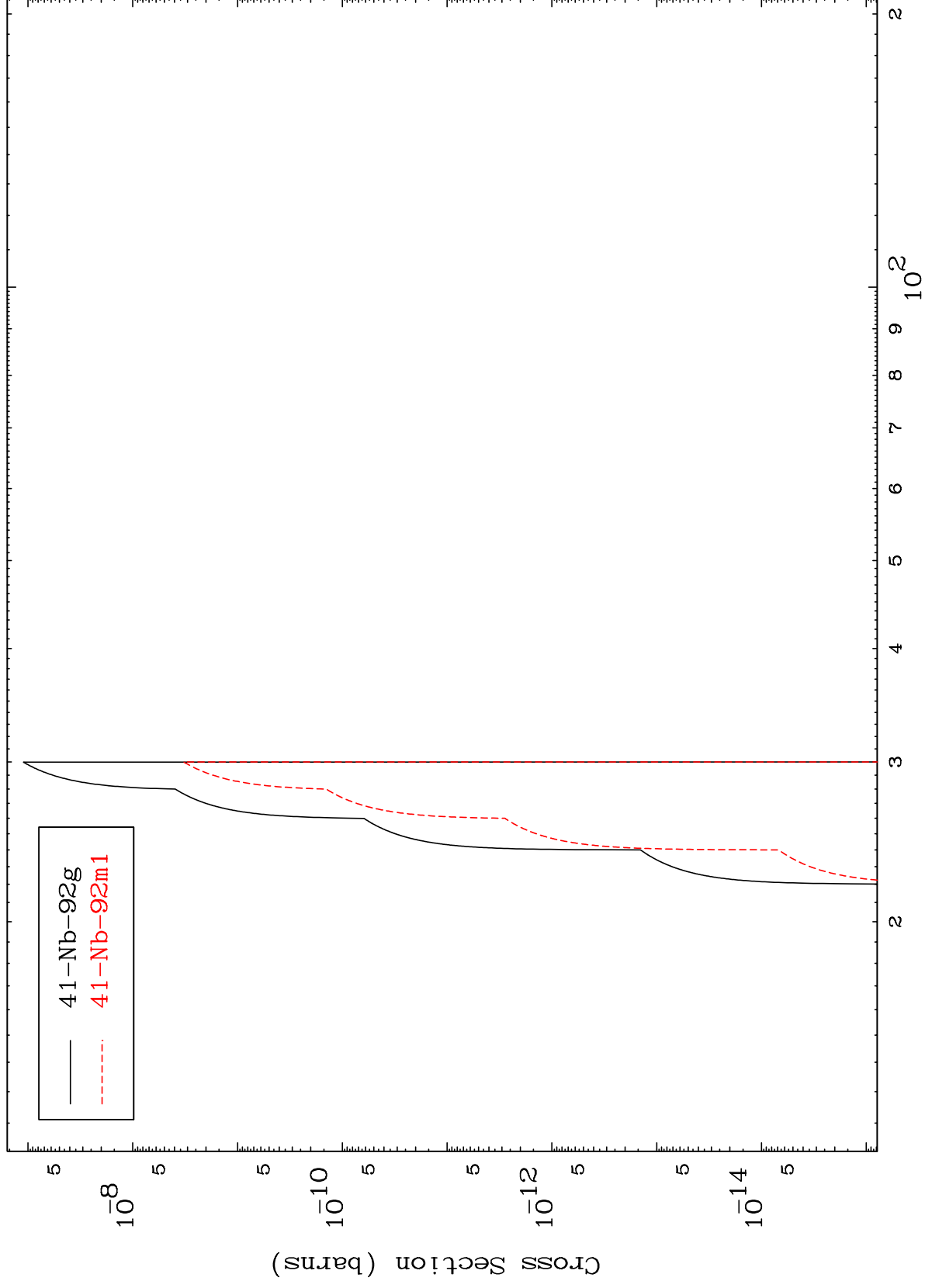




MAT 4320

43-Tc-97

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

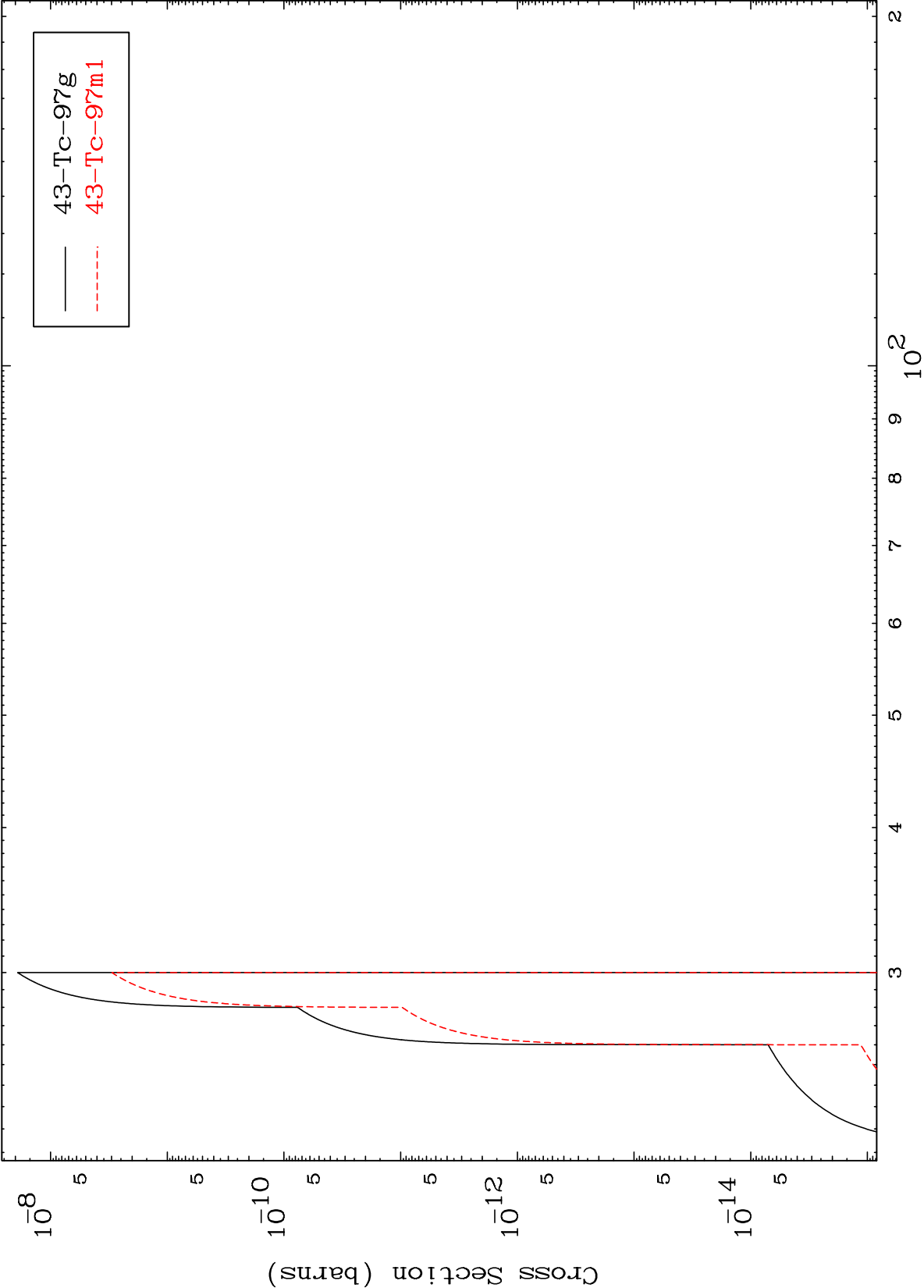


16

Incident Energy (MeV)

43-Tc-97

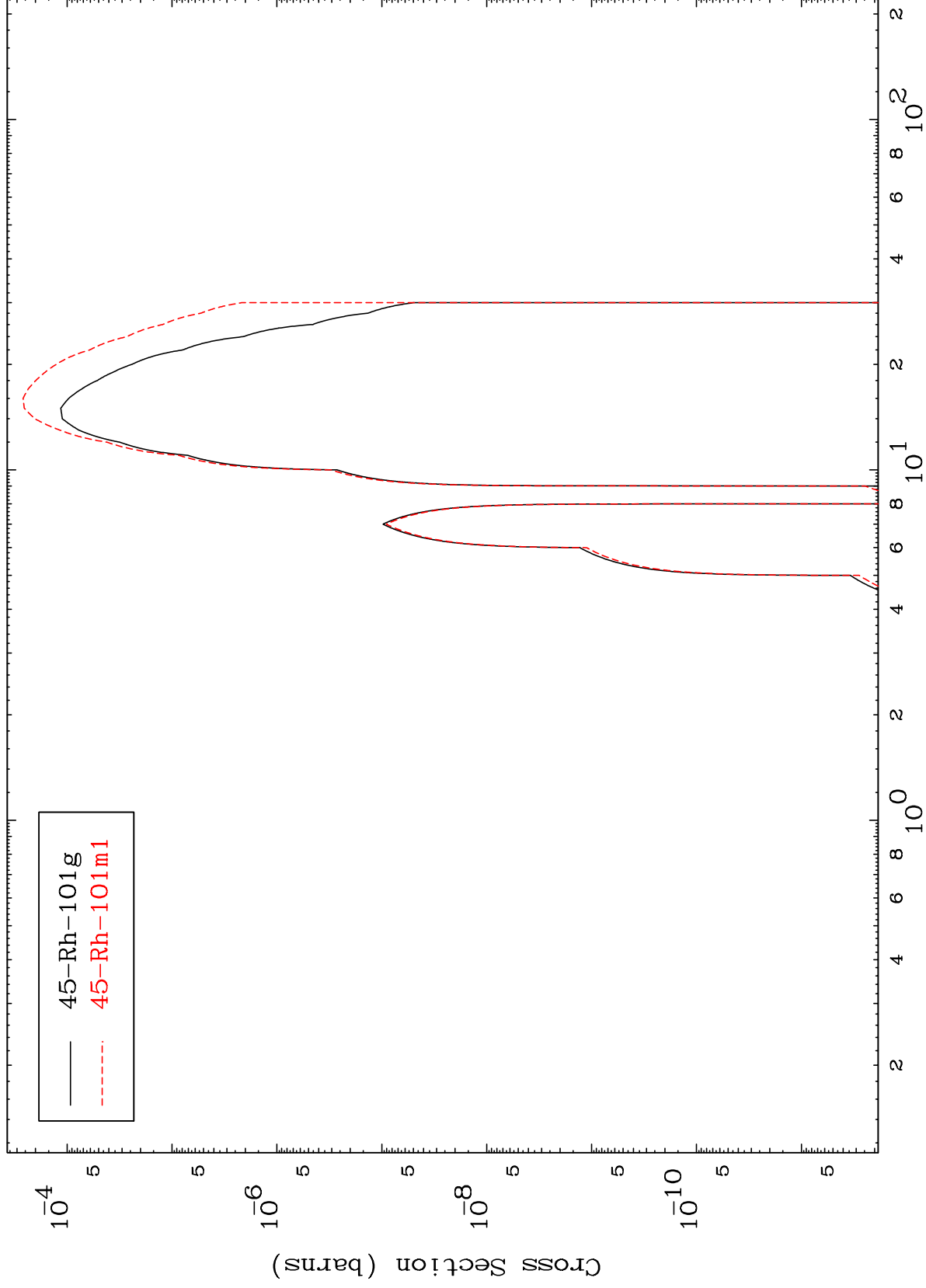
Radionuclide Production Cross Section



MAT 4320

43-Tc-97

$(\alpha, \gamma)$   
Radionuclide Production Cross Section



18

Incident Energy (MeV)

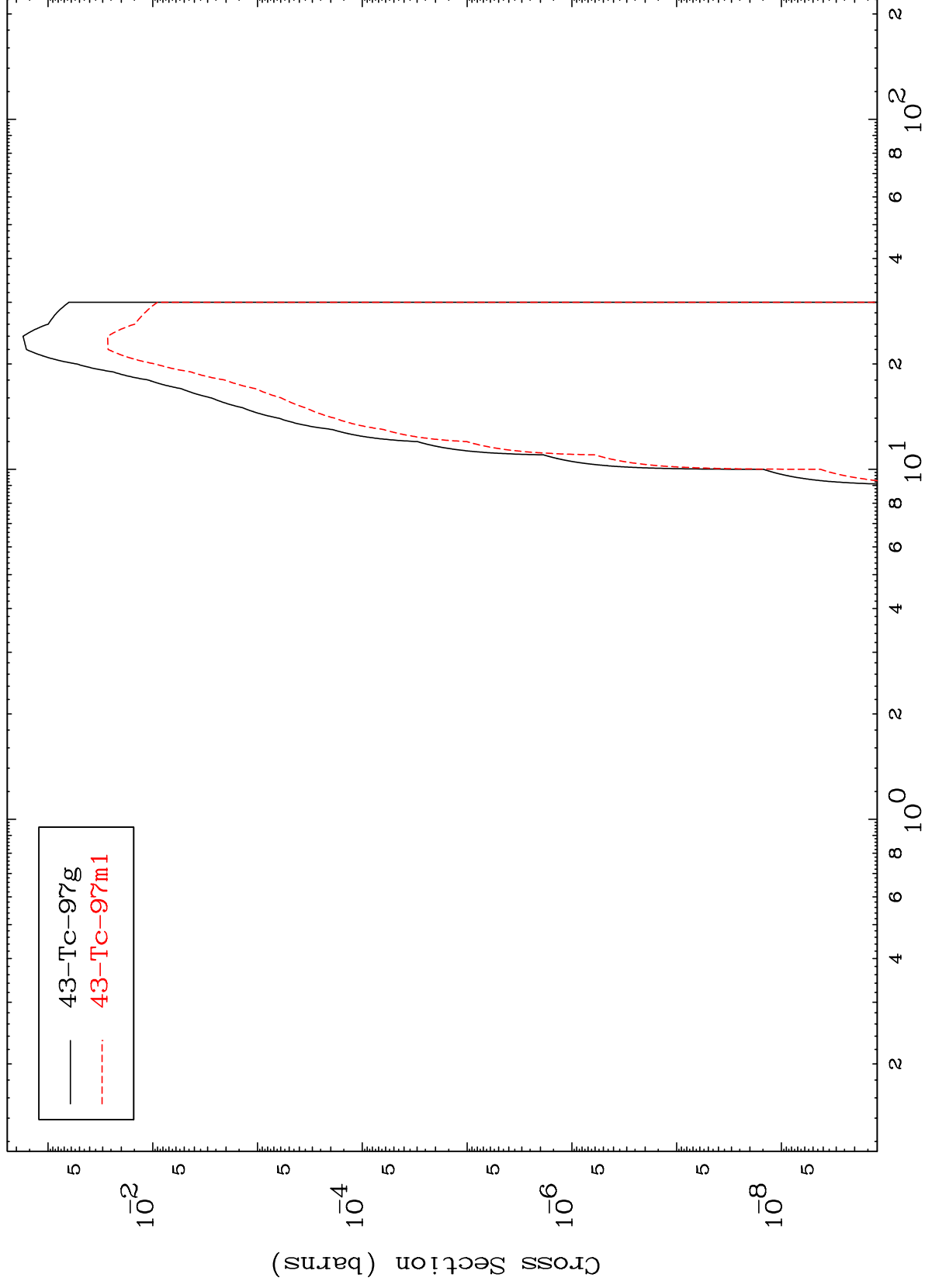
43-Tc-97

MAT 4320

( $\alpha, \alpha$ )

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

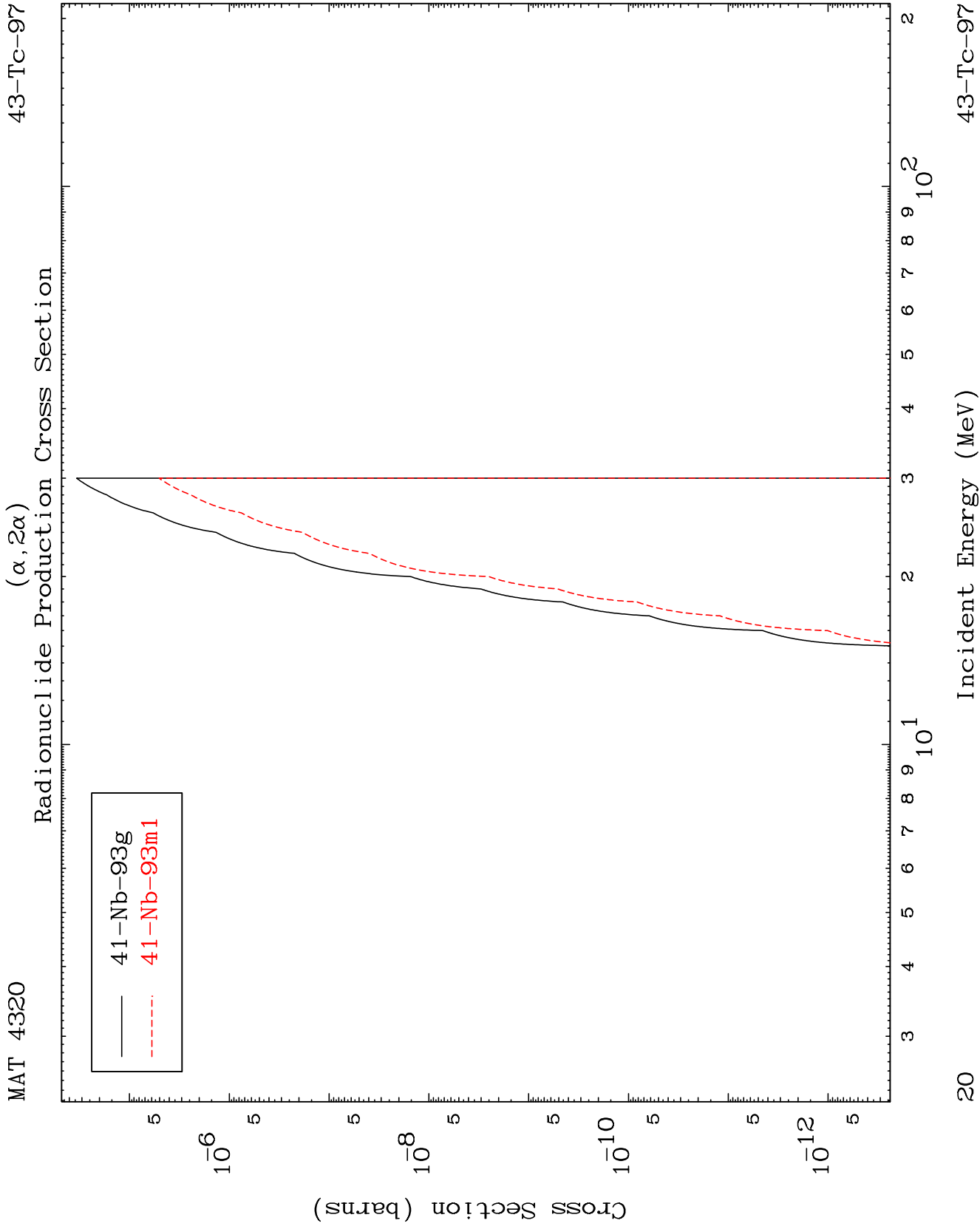
Radionuclide Production Cross Section



19

Incident Energy (MeV)

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



Radionuclide Production Cross Section  
( $\alpha, 2p$ )

