

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

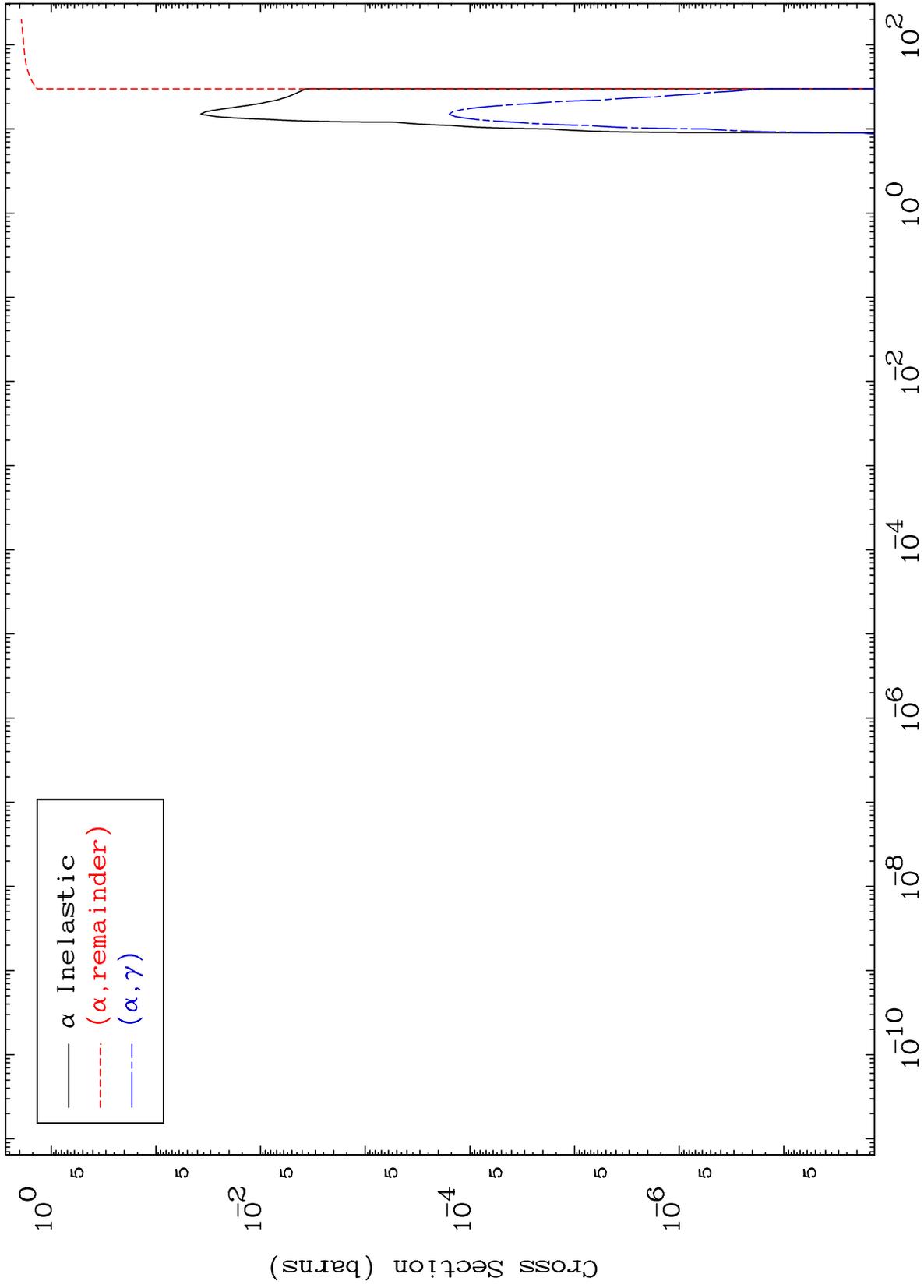
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4302

0 Kelvin  $\alpha$  Major

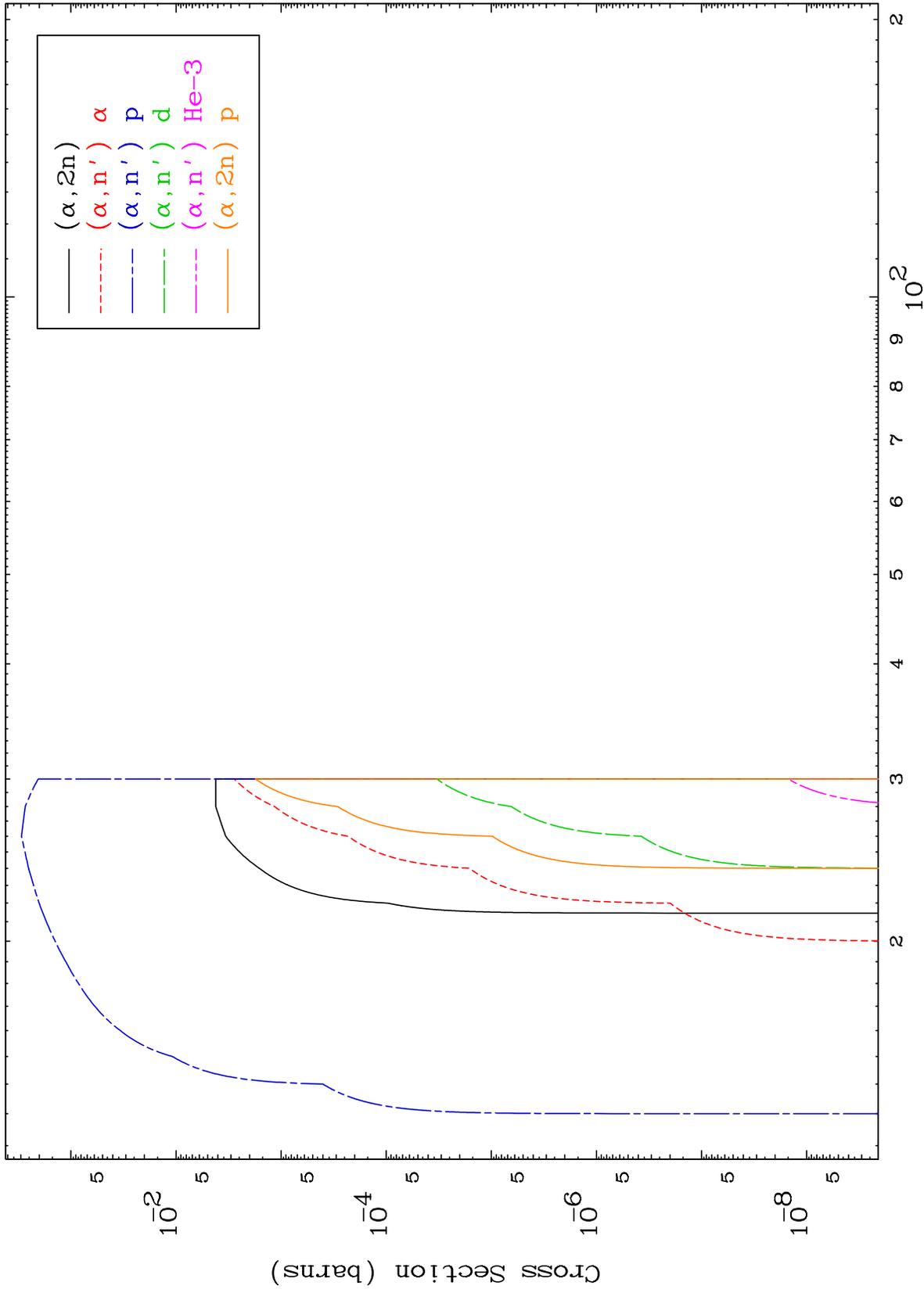
43-Tc-91



1

Incident Energy (MeV)

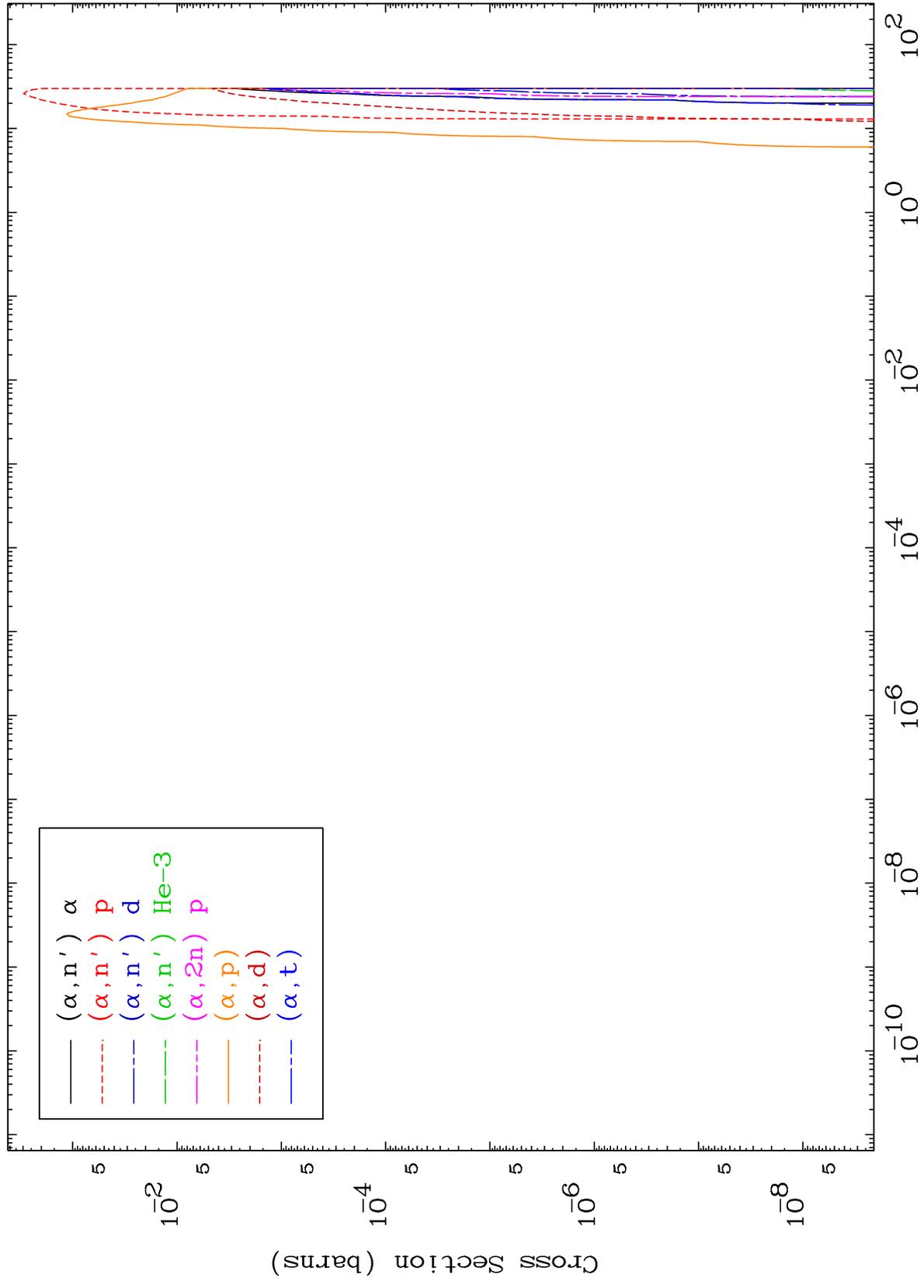
43-Tc-91



MAT 4302

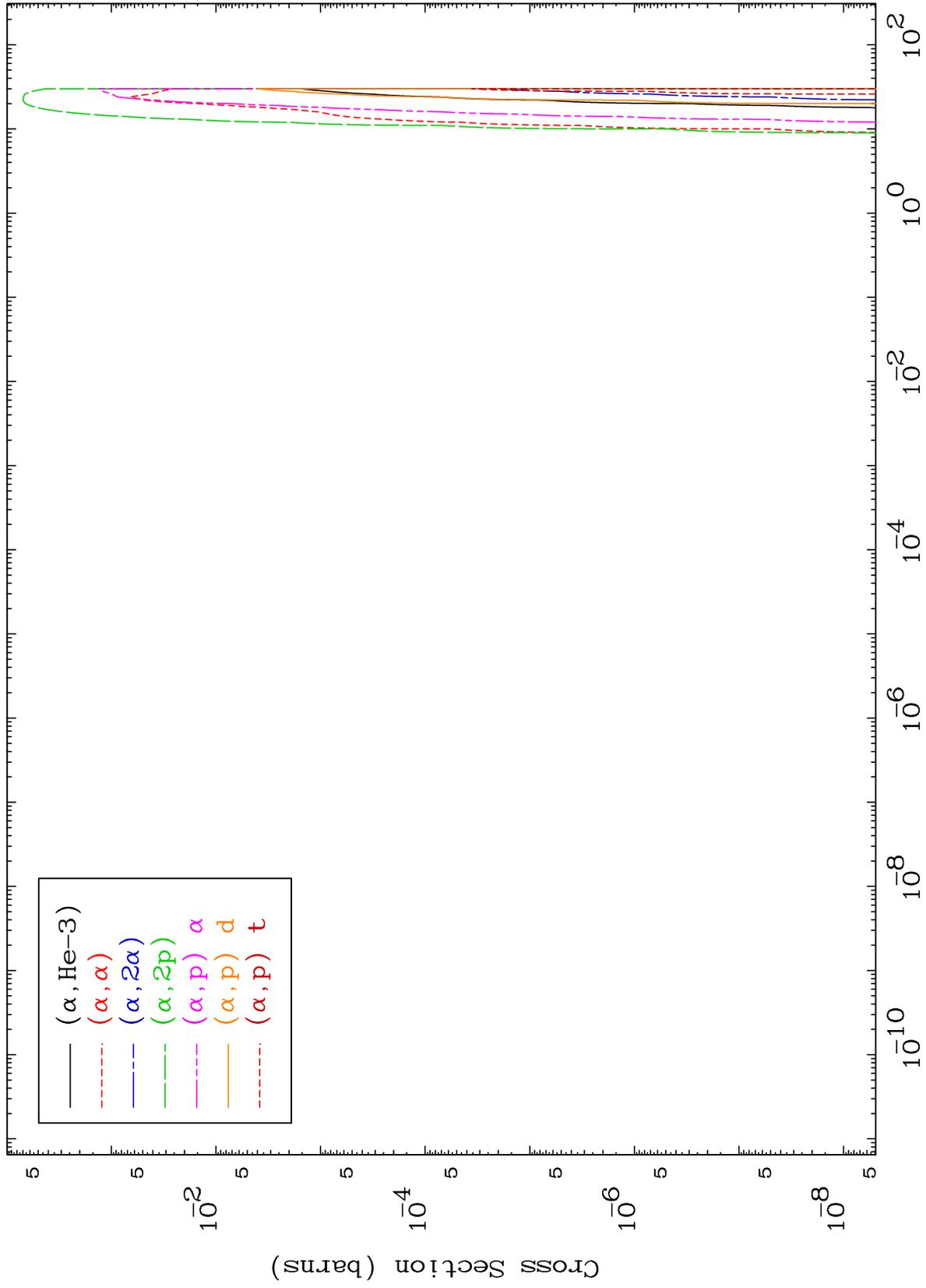
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

43-Tc-91



3

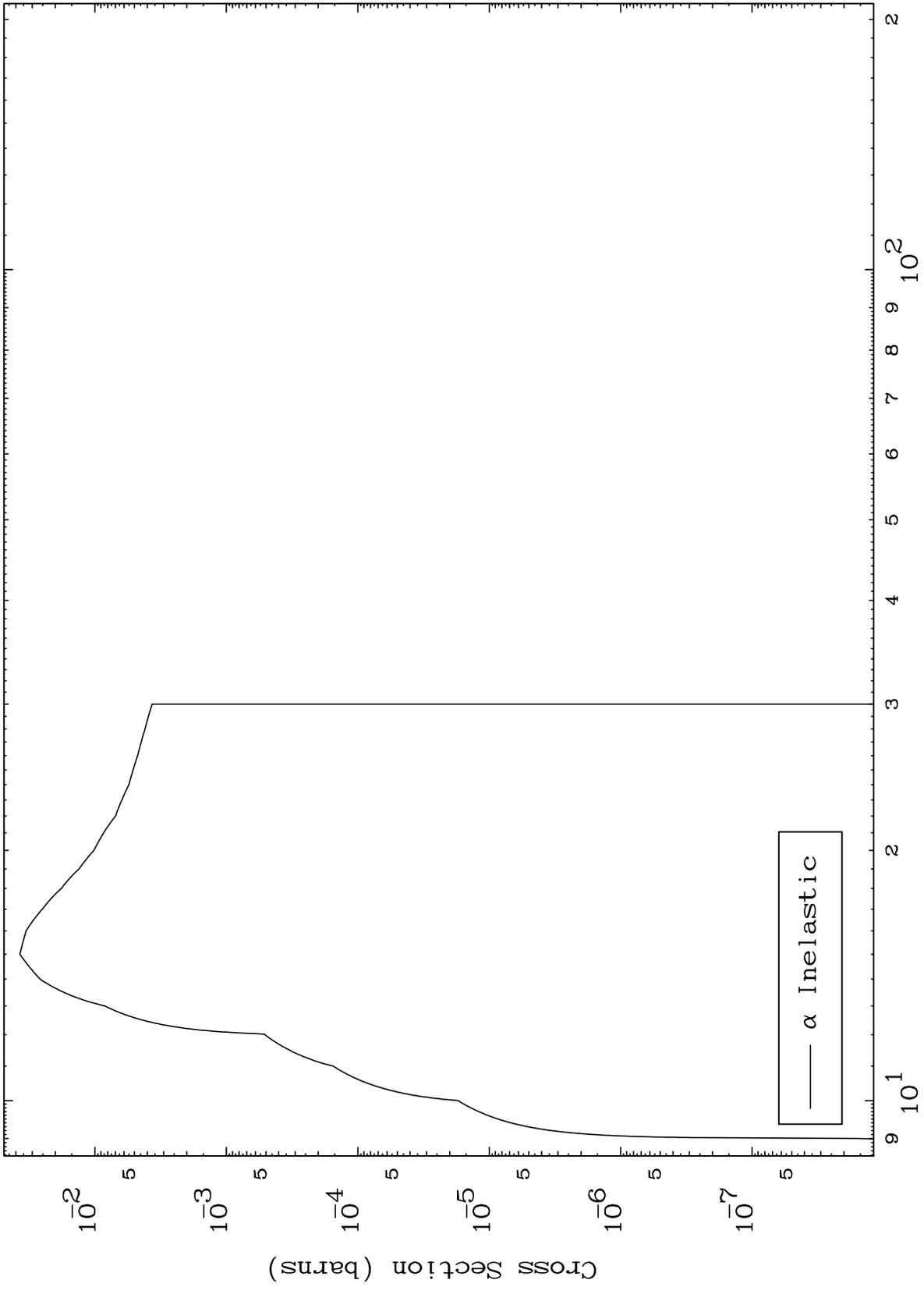
43-Tc-91



MAT 4302

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

43-Tc-91



5

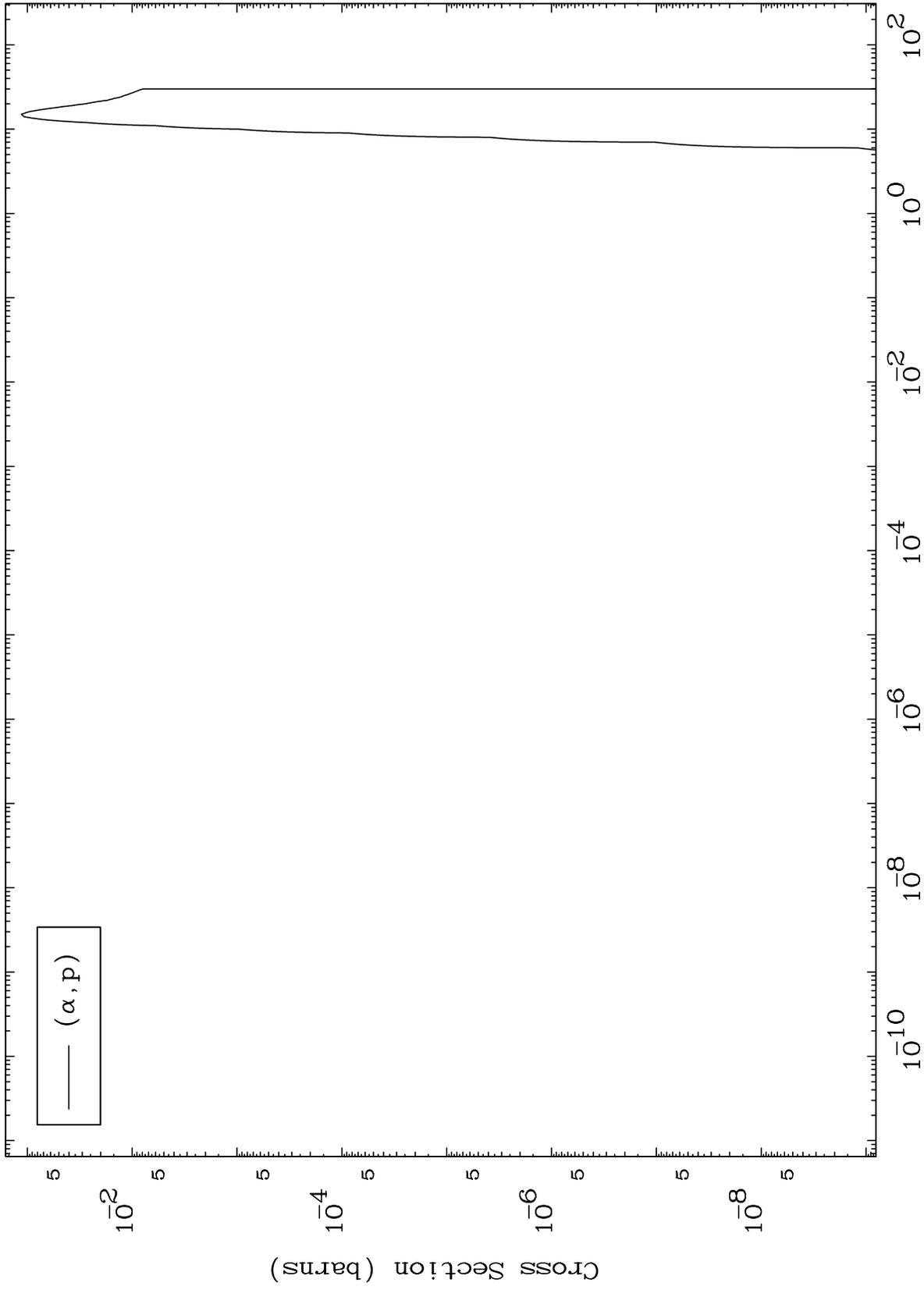
Incident Energy (MeV)

43-Tc-91

MAT 4302

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

43-Tc-91



6

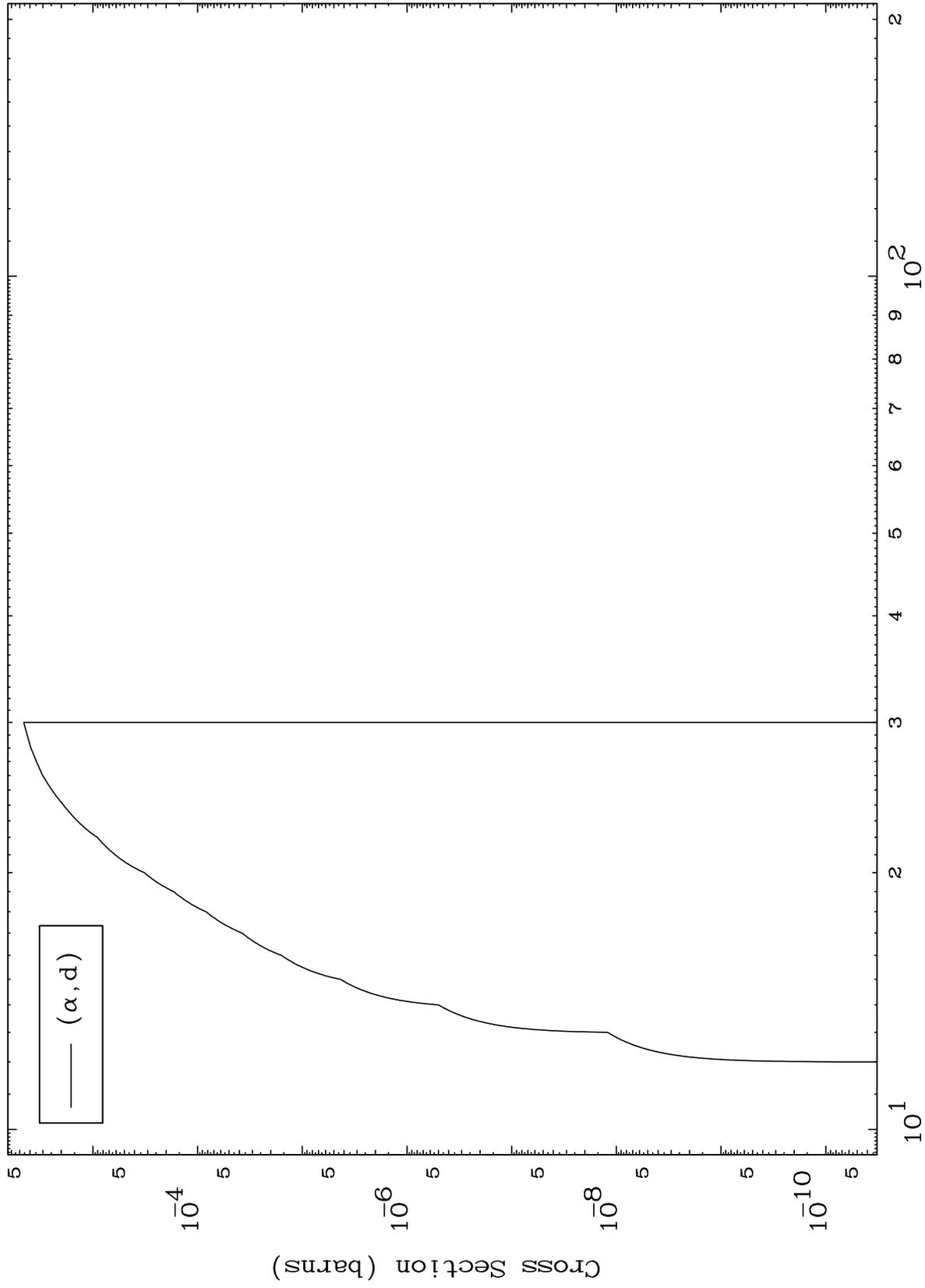
Incident Energy (MeV)

43-Tc-91

MAT 4302

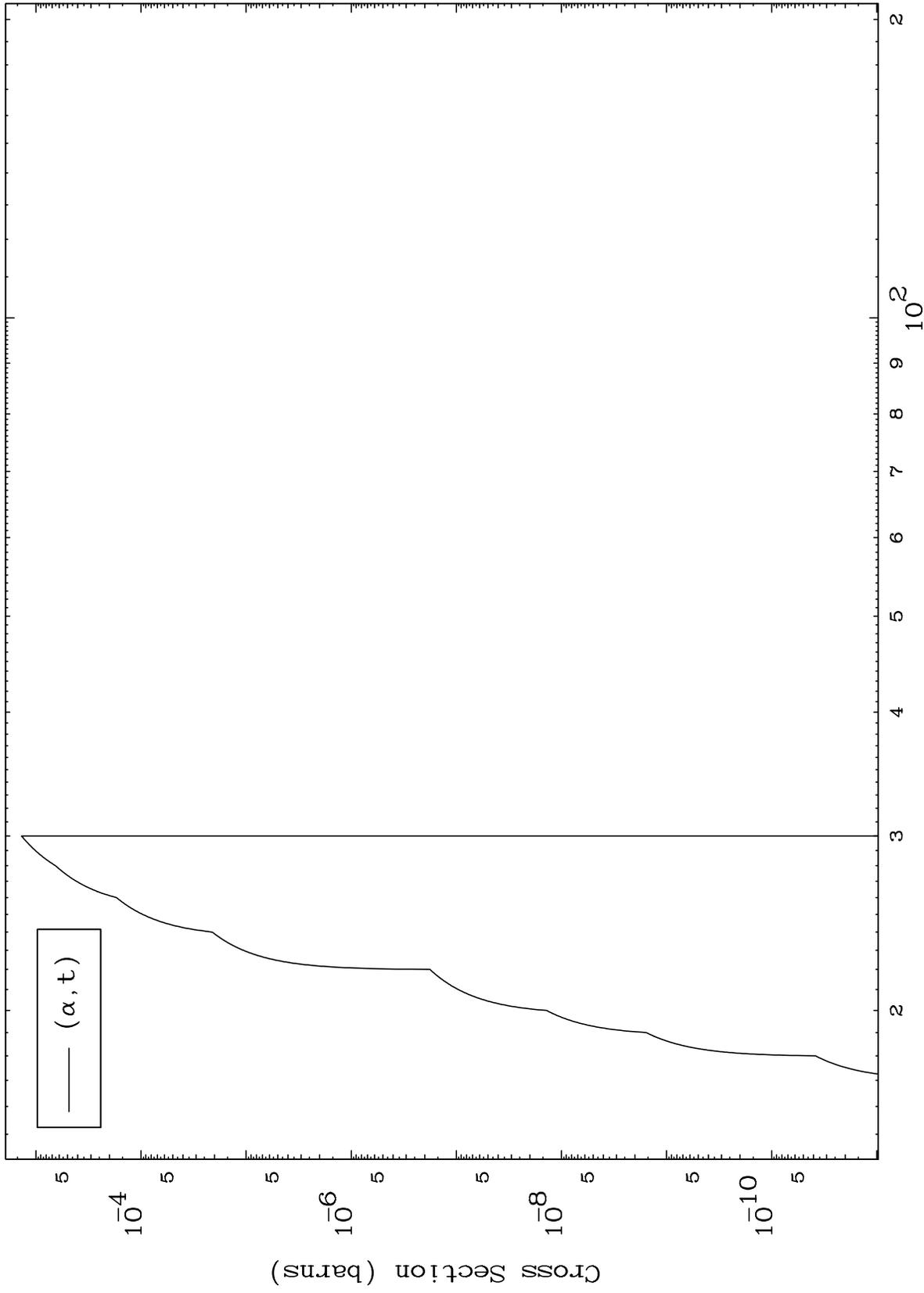
( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

43-Tc-91



Incident Energy (MeV)

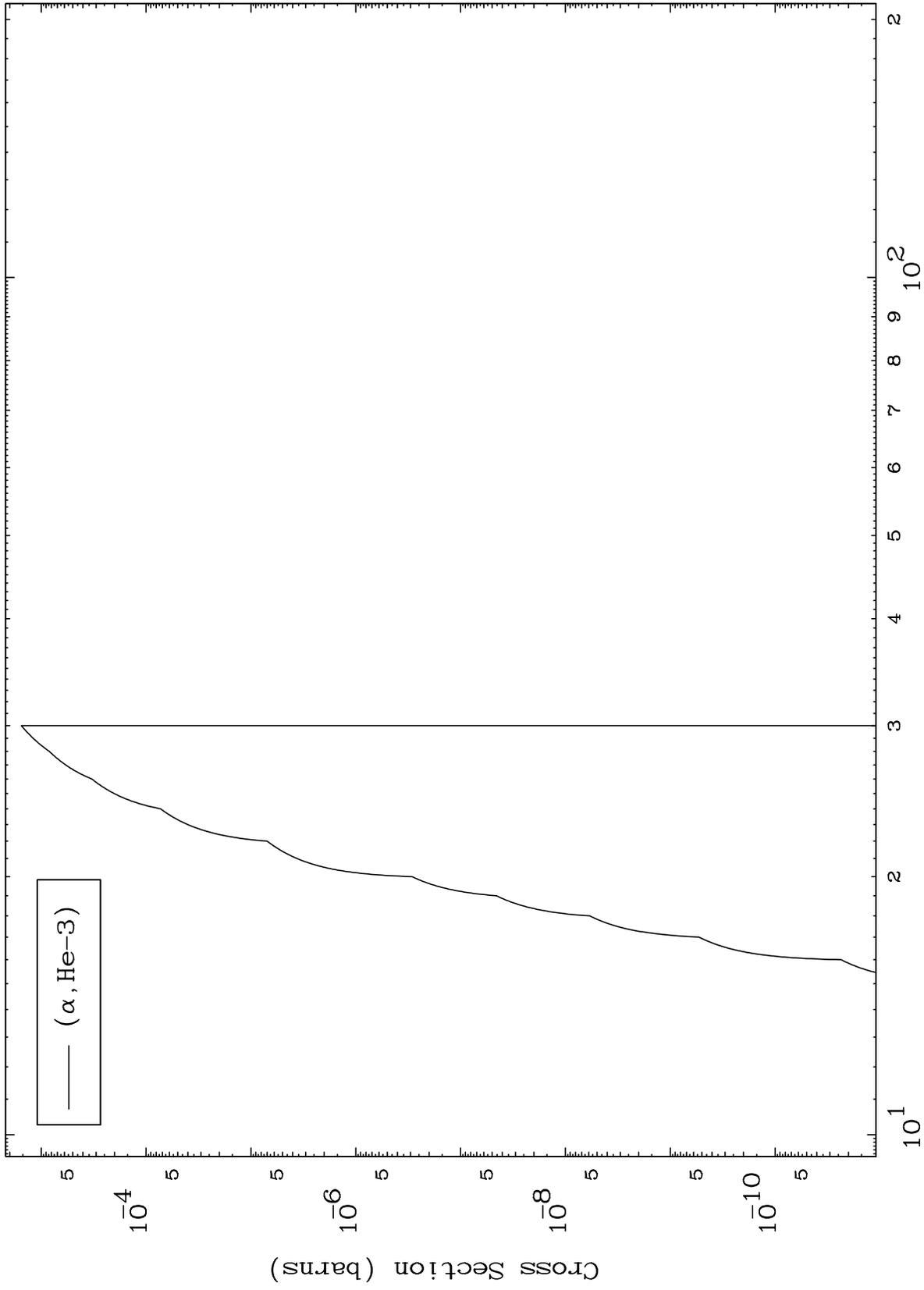
43-Tc-91



MAT 4302

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

43-Tc-91



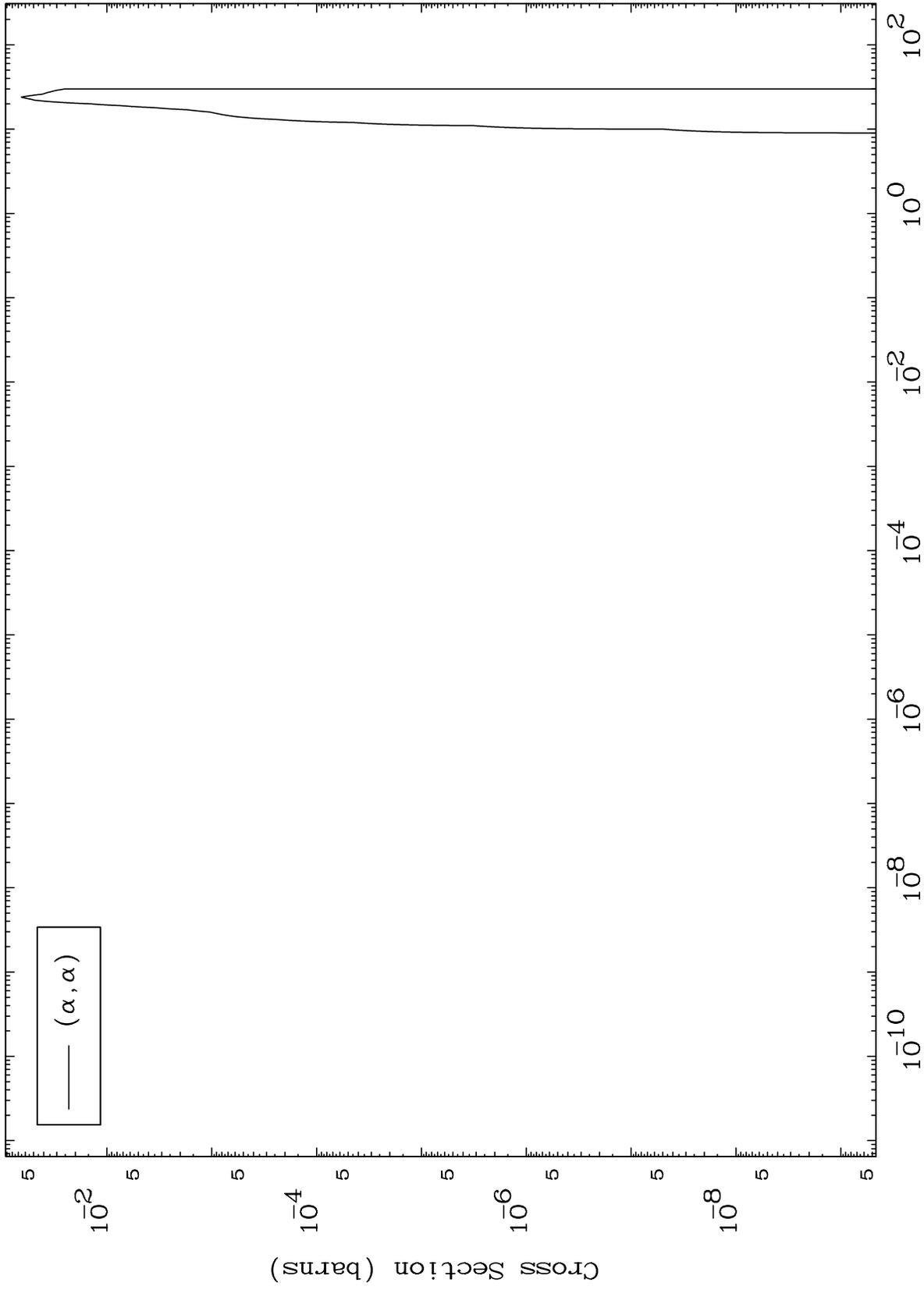
Incident Energy (MeV)

43-Tc-91

MAT 4302

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

43-Tc-91



10

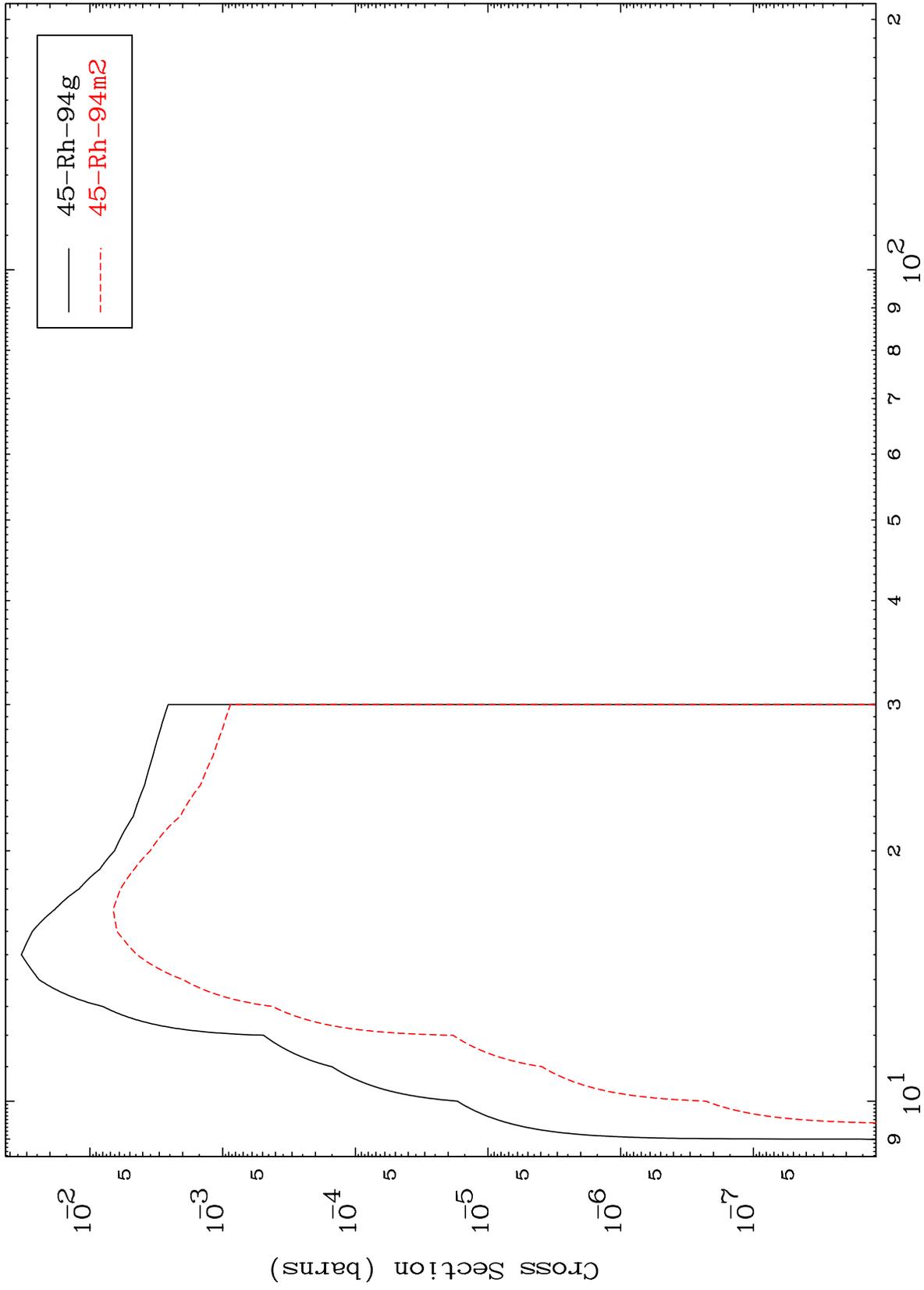
Incident Energy (MeV)

43-Tc-91

MAT 4302

$\alpha$  Inelastic  
Radionuclide Production Cross Section

43-Tc-91



11

Incident Energy (MeV)

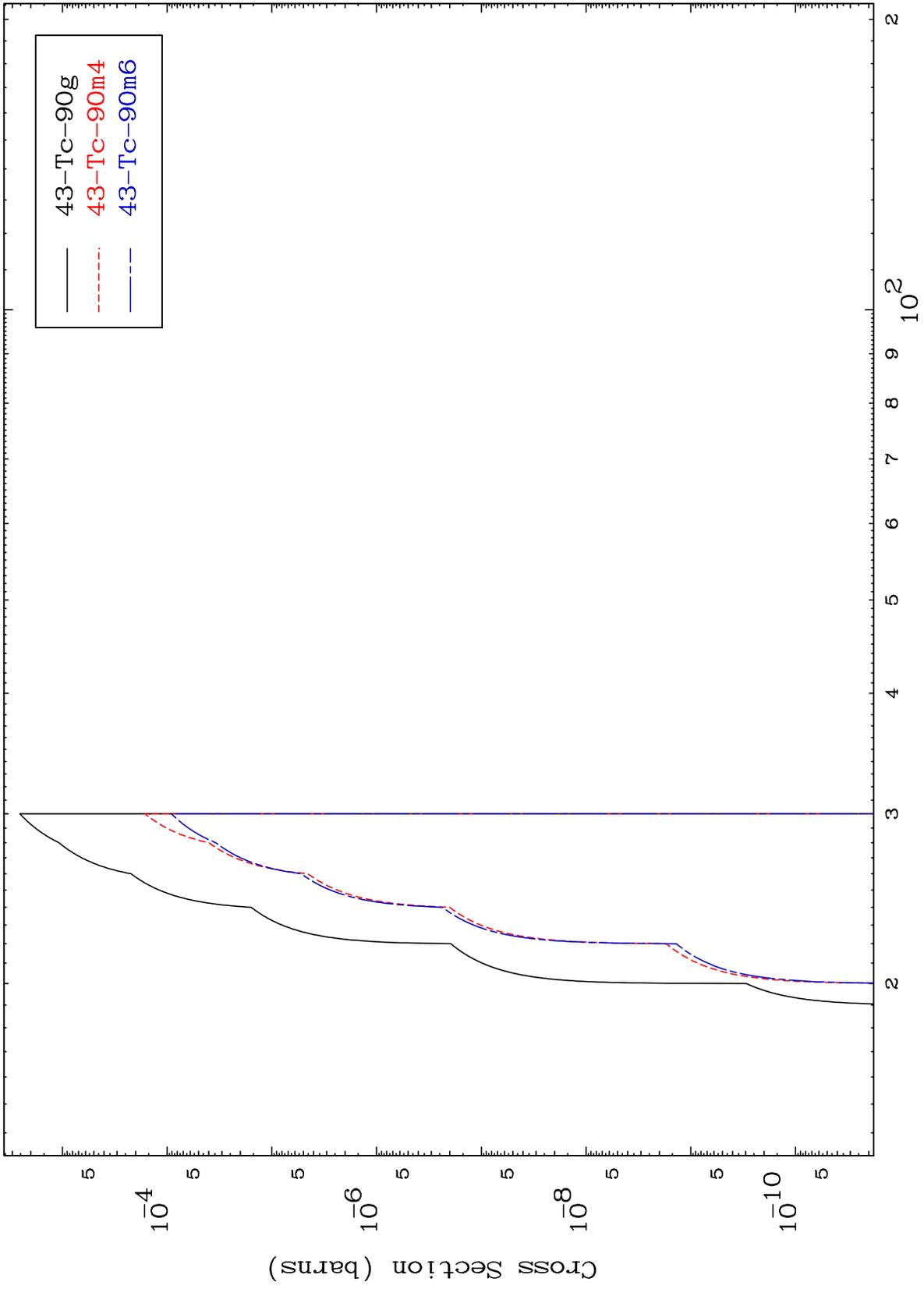
43-Tc-91

MAT 4302

$(\alpha, n')$   $\alpha$

43-Tc-91

Radionuclide Production Cross Section



12

Incident Energy (MeV)

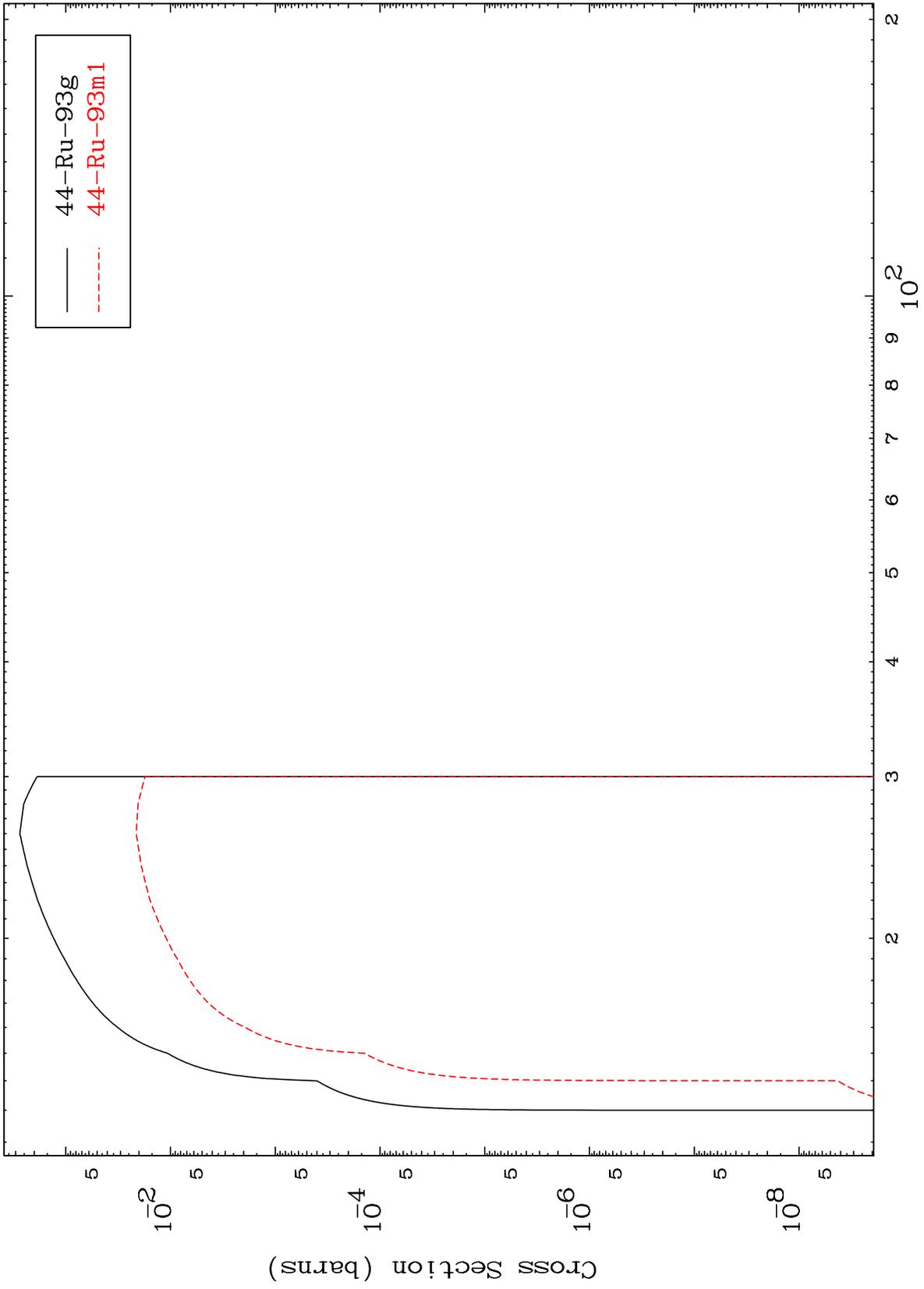
43-Tc-91

MAT 4302

( $\alpha, n'$ ) p

43-Tc-91

Radionuclide Production Cross Section



13

Incident Energy (MeV)

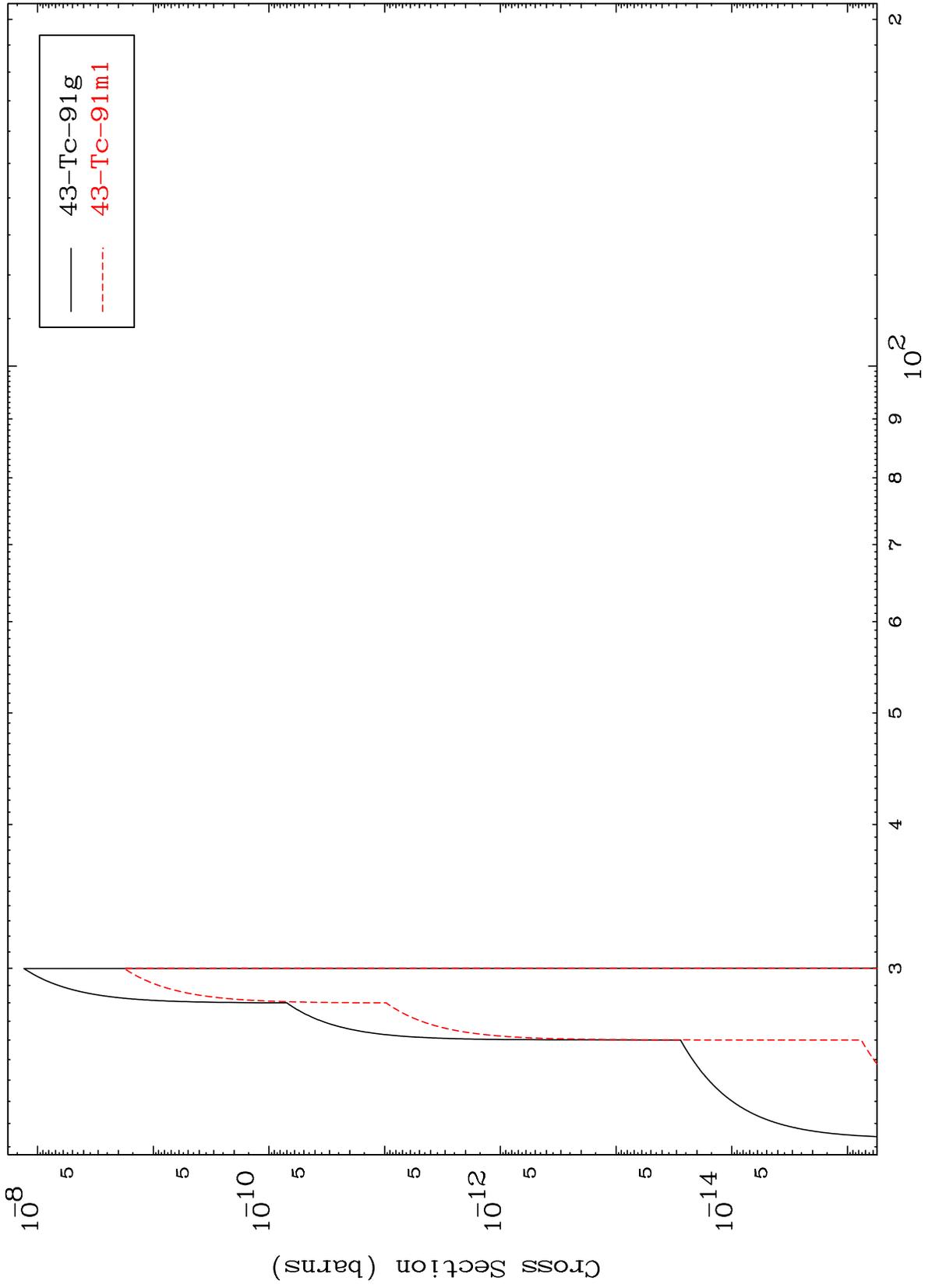
43-Tc-91

MAT 4302

( $\alpha, n'$ ) He-3

43-Tc-91

Radionuclide Production Cross Section



14

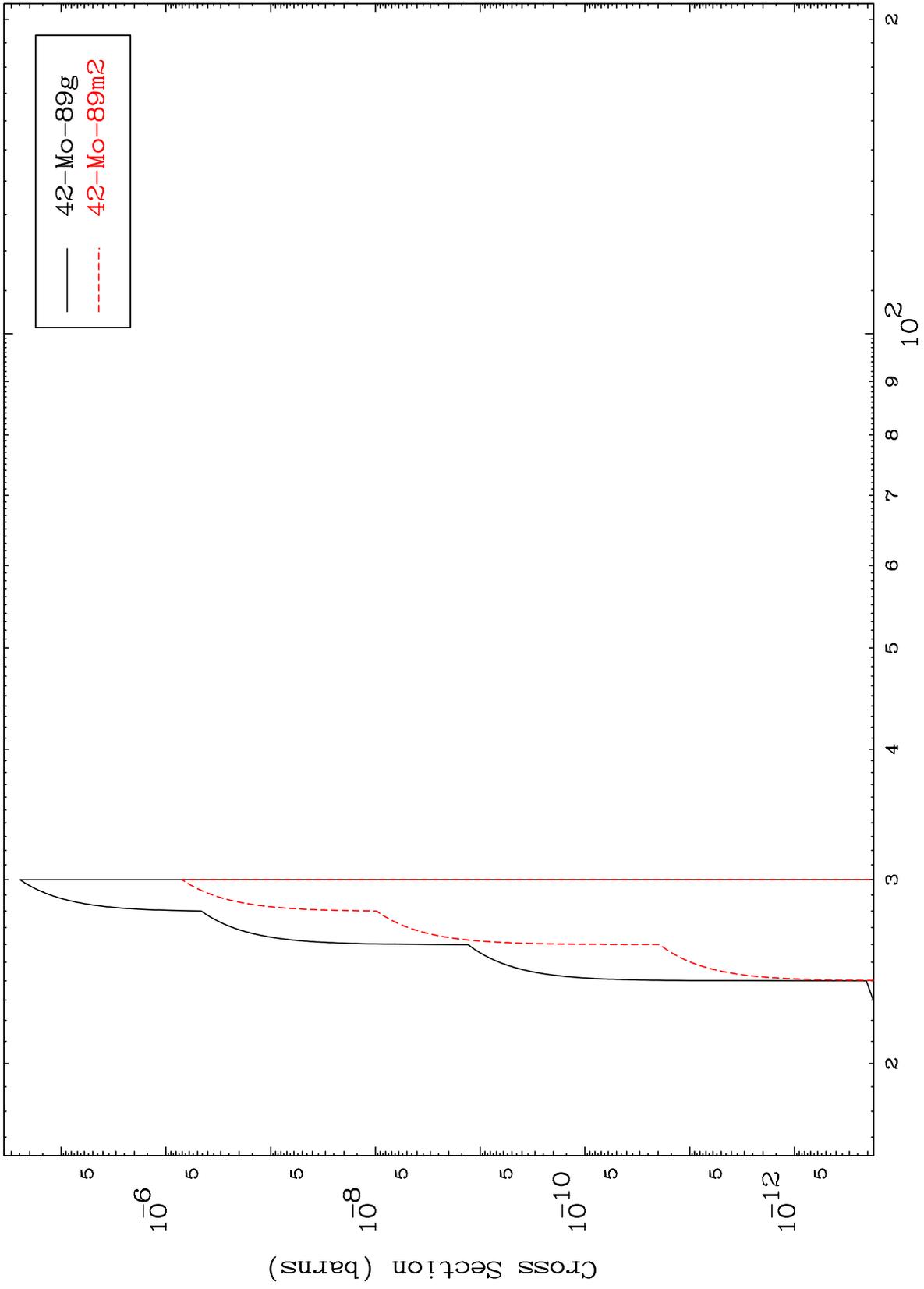
Incident Energy (MeV)

43-Tc-91

MAT 4302

43-Tc-91

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



15

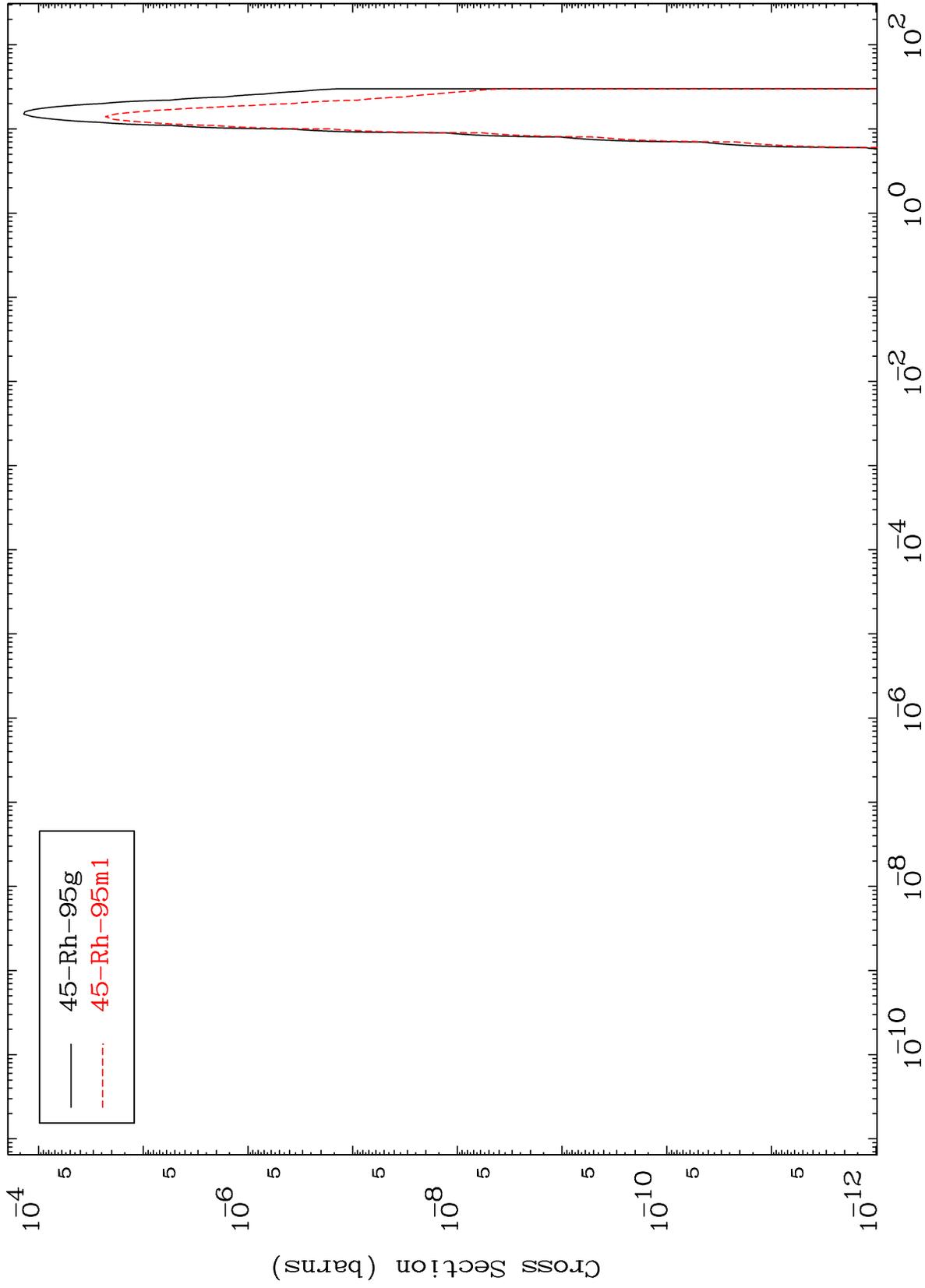
Incident Energy (MeV)

43-Tc-91

MAT 4302

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

43-Tc-91



16

Incident Energy (MeV)

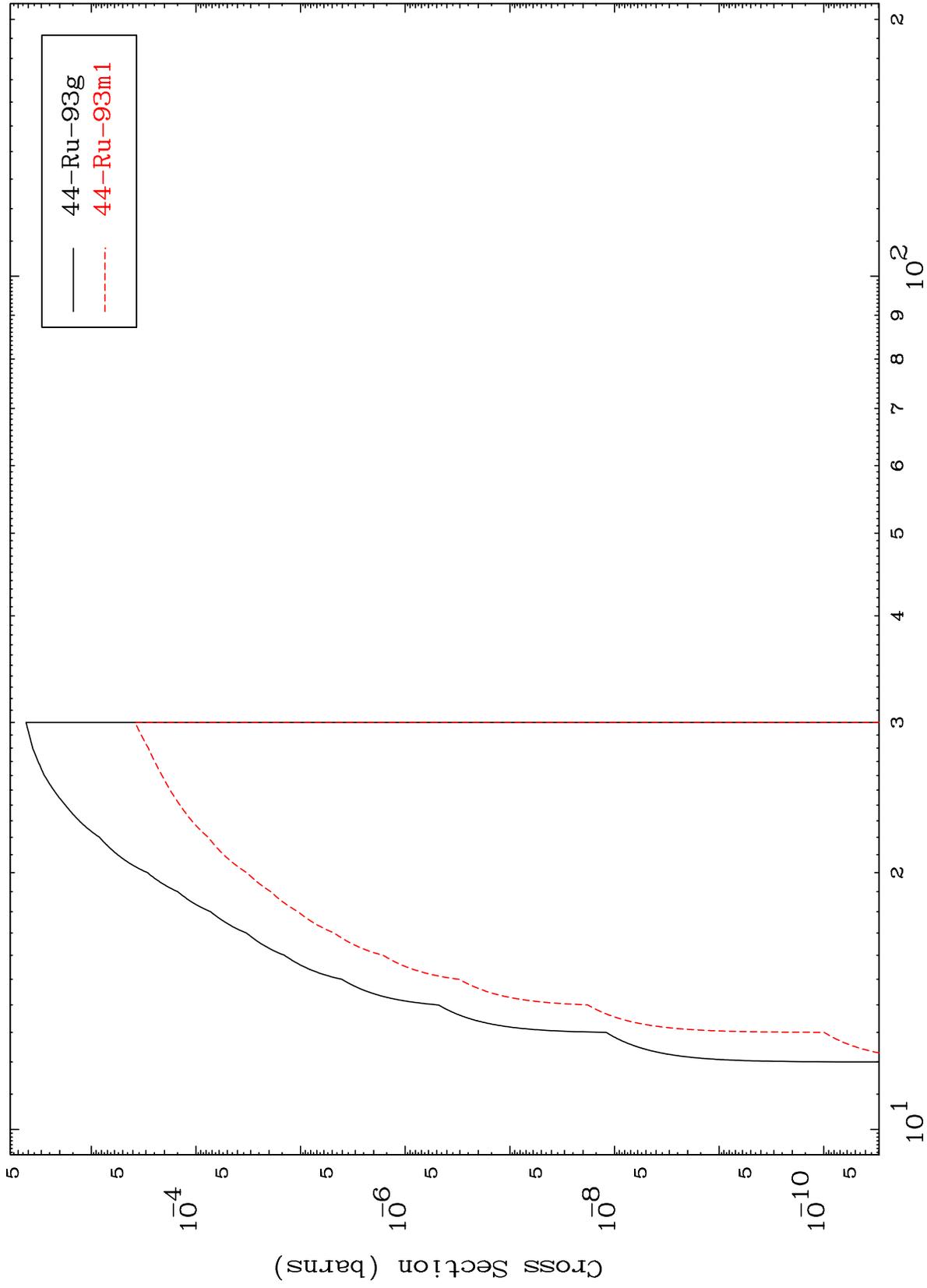
43-Tc-91

MAT 4302

( $\alpha, d$ )

43-Tc-91

Radionuclide Production Cross Section



17

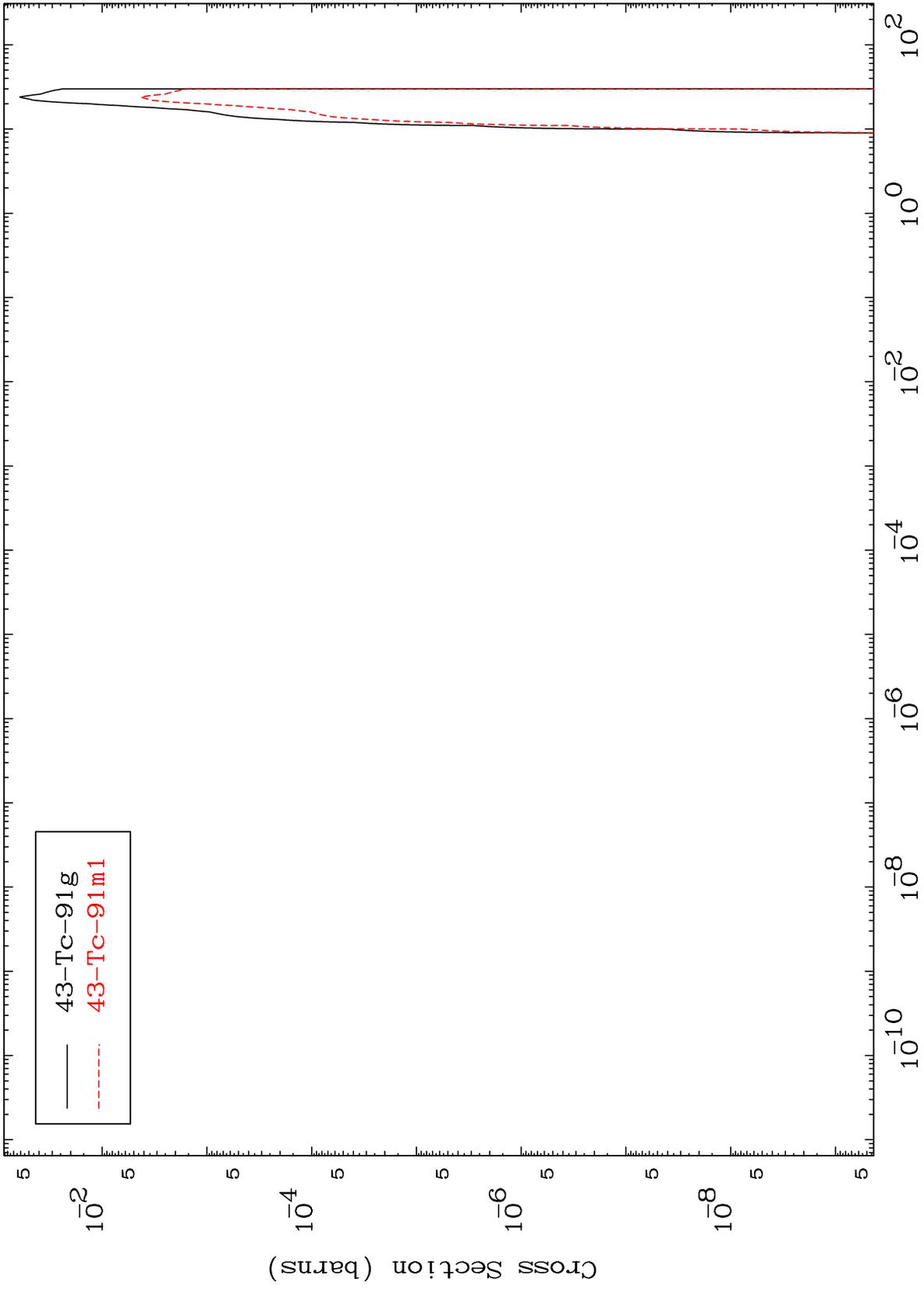
Incident Energy (MeV)

43-Tc-91

MAT 4302

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

<sup>43</sup>Tc-91



18

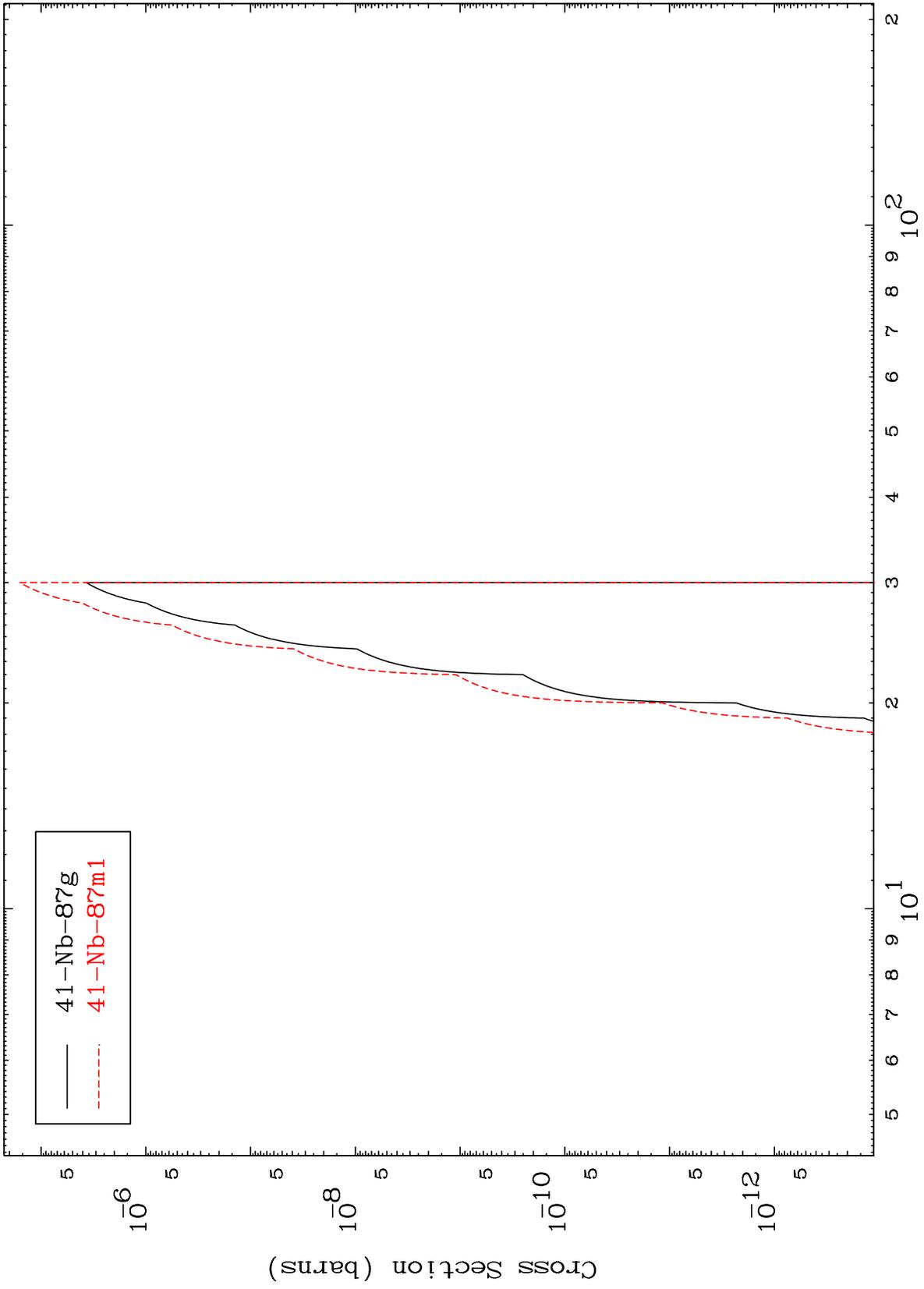
Incident Energy (MeV)

<sup>43</sup>Tc-91

MAT 4302

43-Tc-91

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



19

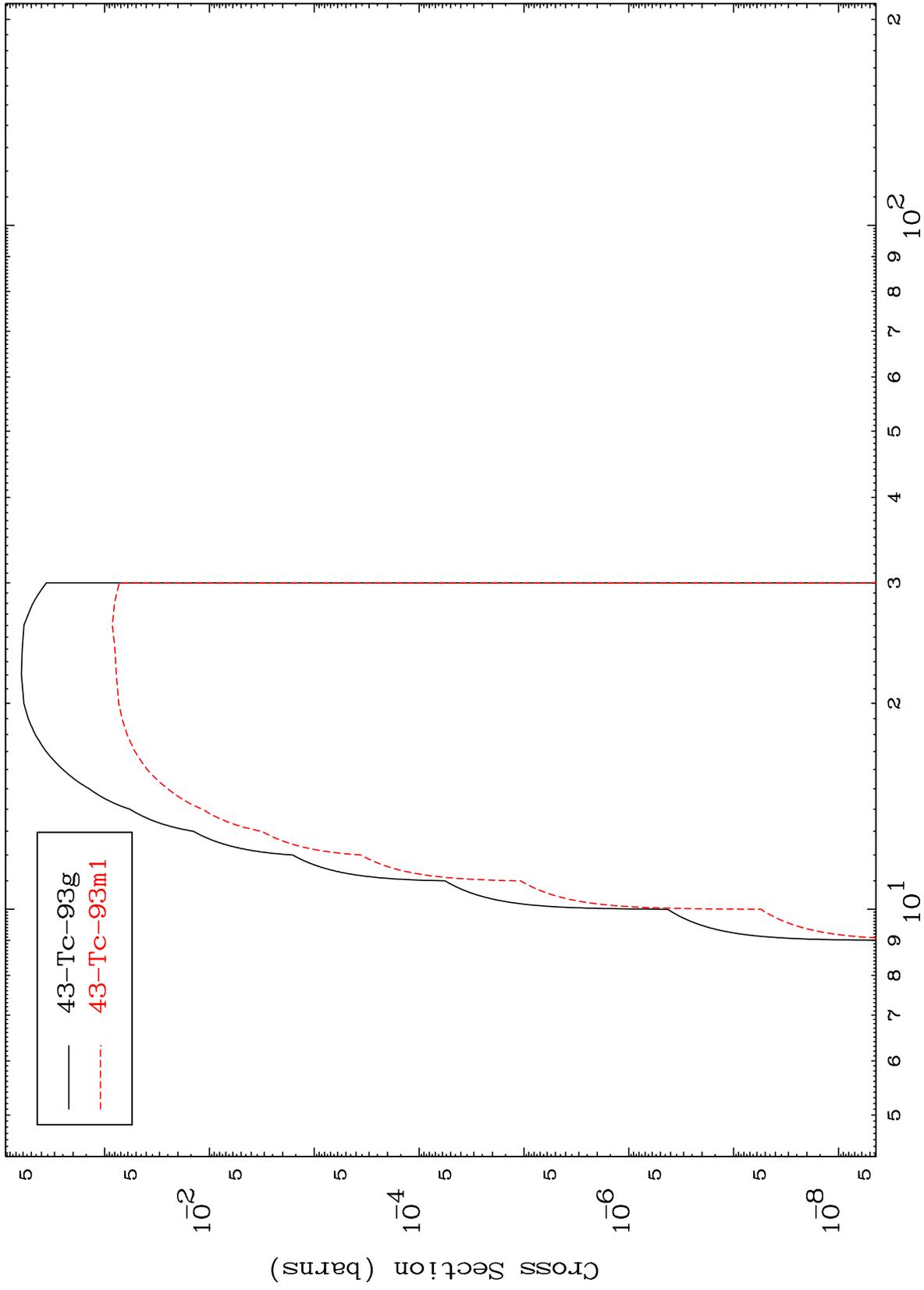
Incident Energy (MeV)

43-Tc-91

MAT 4302

43-Tc-91

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



20

Incident Energy (MeV)

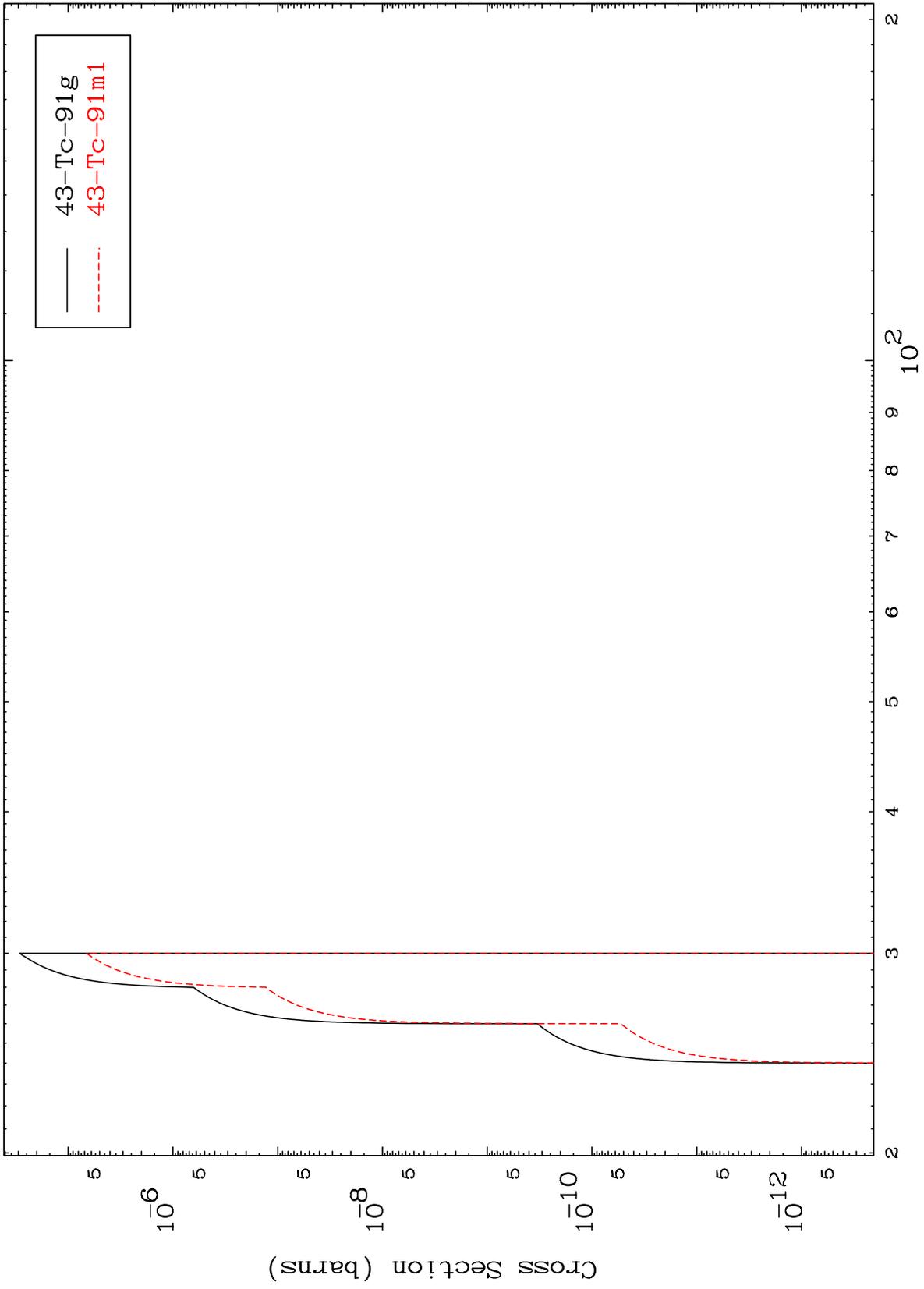
43-Tc-91

MAT 4302

( $\alpha, p$ ) t

43-Tc-91

Radionuclide Production Cross Section



21

Incident Energy (MeV)

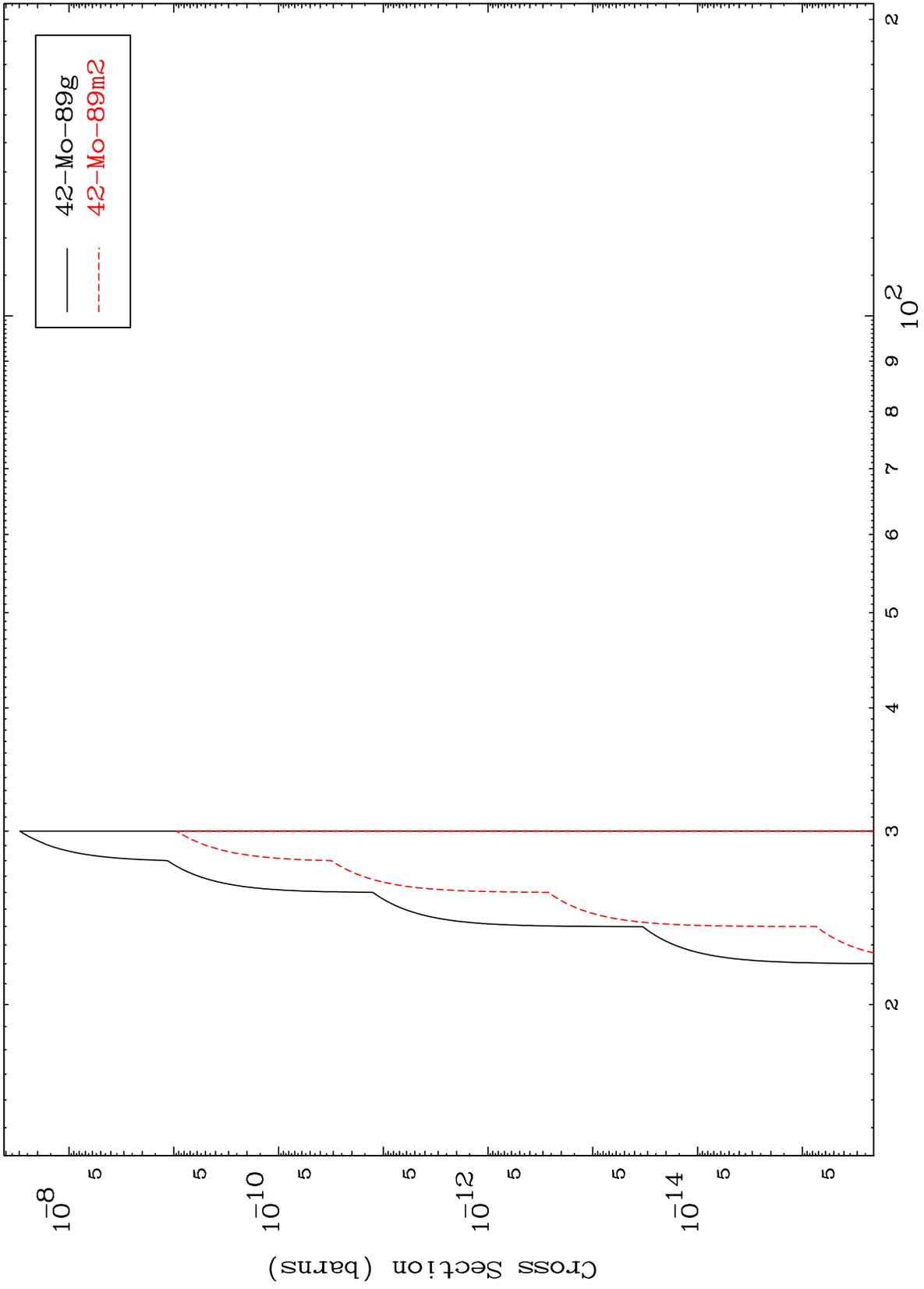
43-Tc-91

MAT 4302

( $\alpha, d$ )  $\alpha$

43-Tc-91

Radionuclide Production Cross Section



22

Incident Energy (MeV)

43-Tc-91