

Program EVALPLOT  
(Version 2018-1)

by

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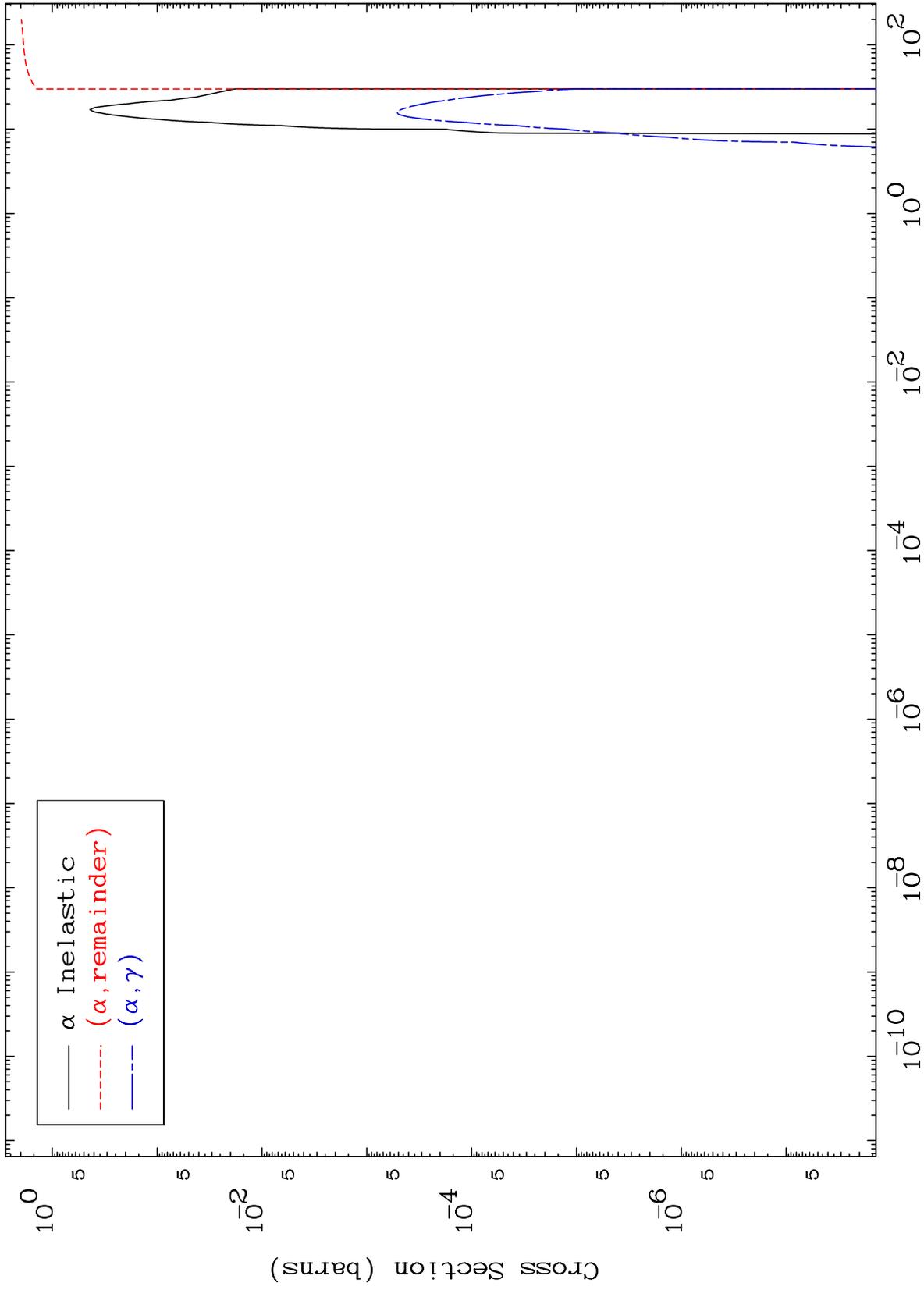
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4314

0 Kelvin  $\alpha$  Major  
Cross Sections

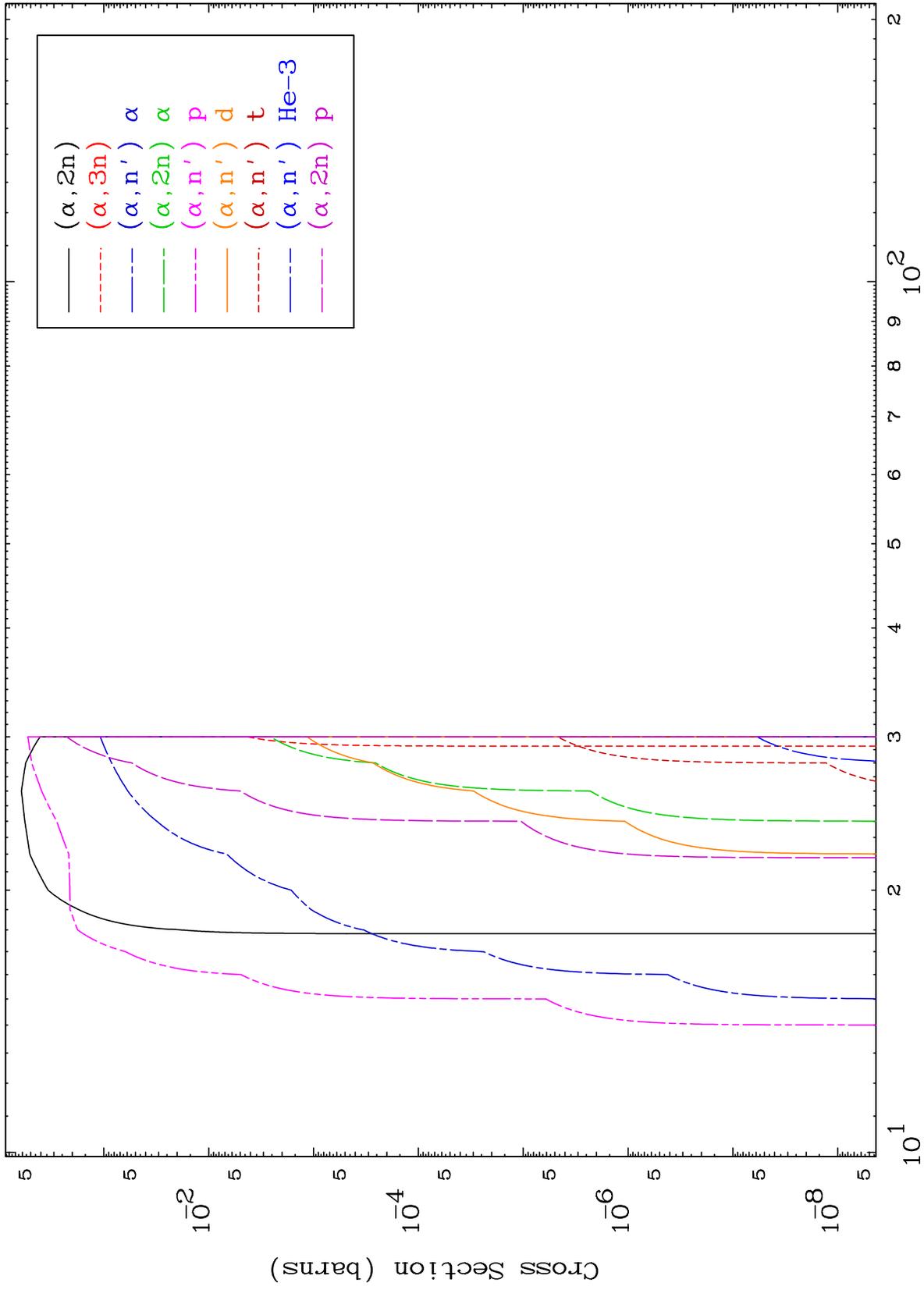
43-Tc-95



MAT 4314

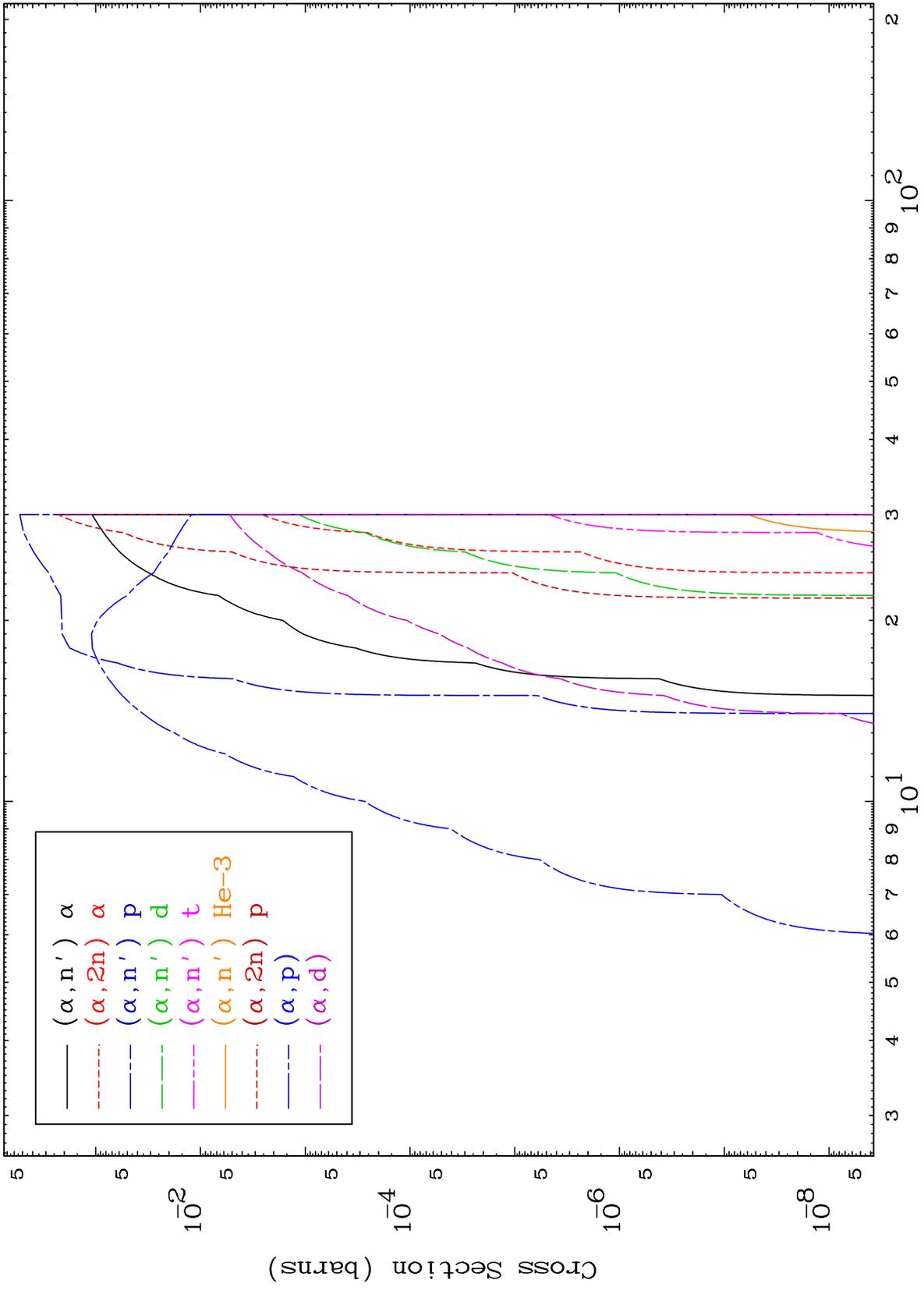
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

43-Tc-95



Incident Energy (MeV)

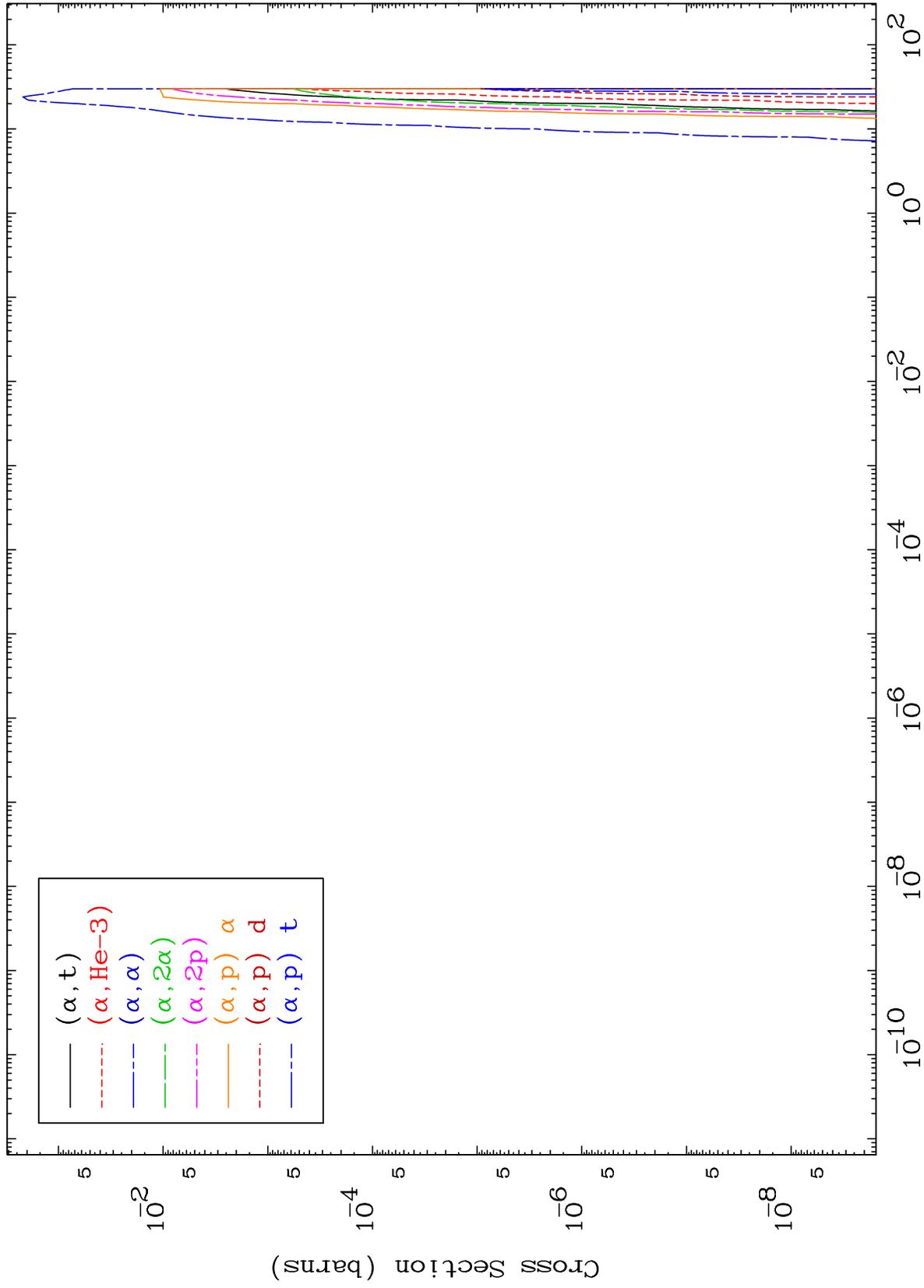
43-Tc-95



MAT 4314

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

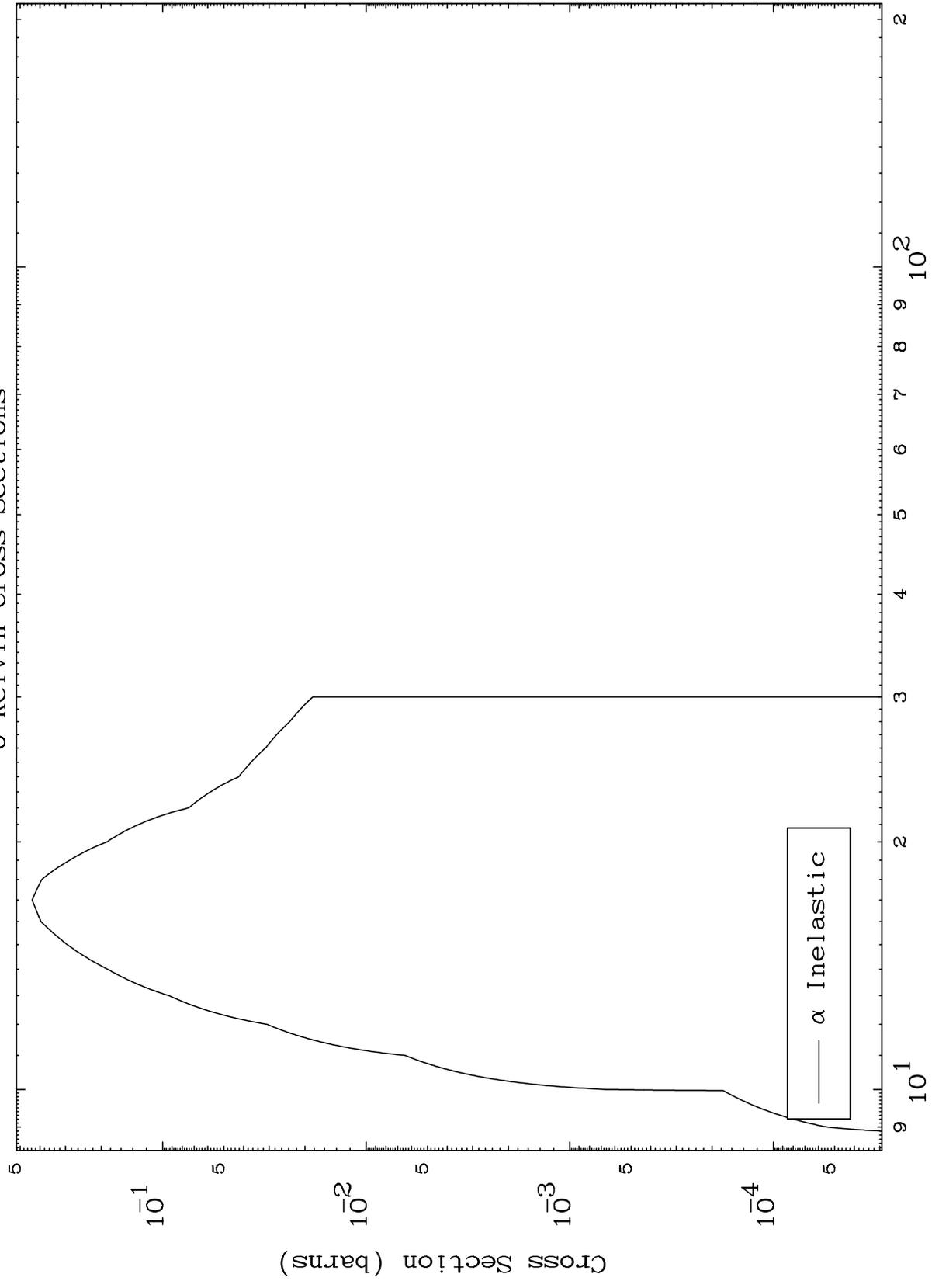
43-Tc-95



MAT 4314

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

43-Tc-95



$\alpha$  Inelastic

5

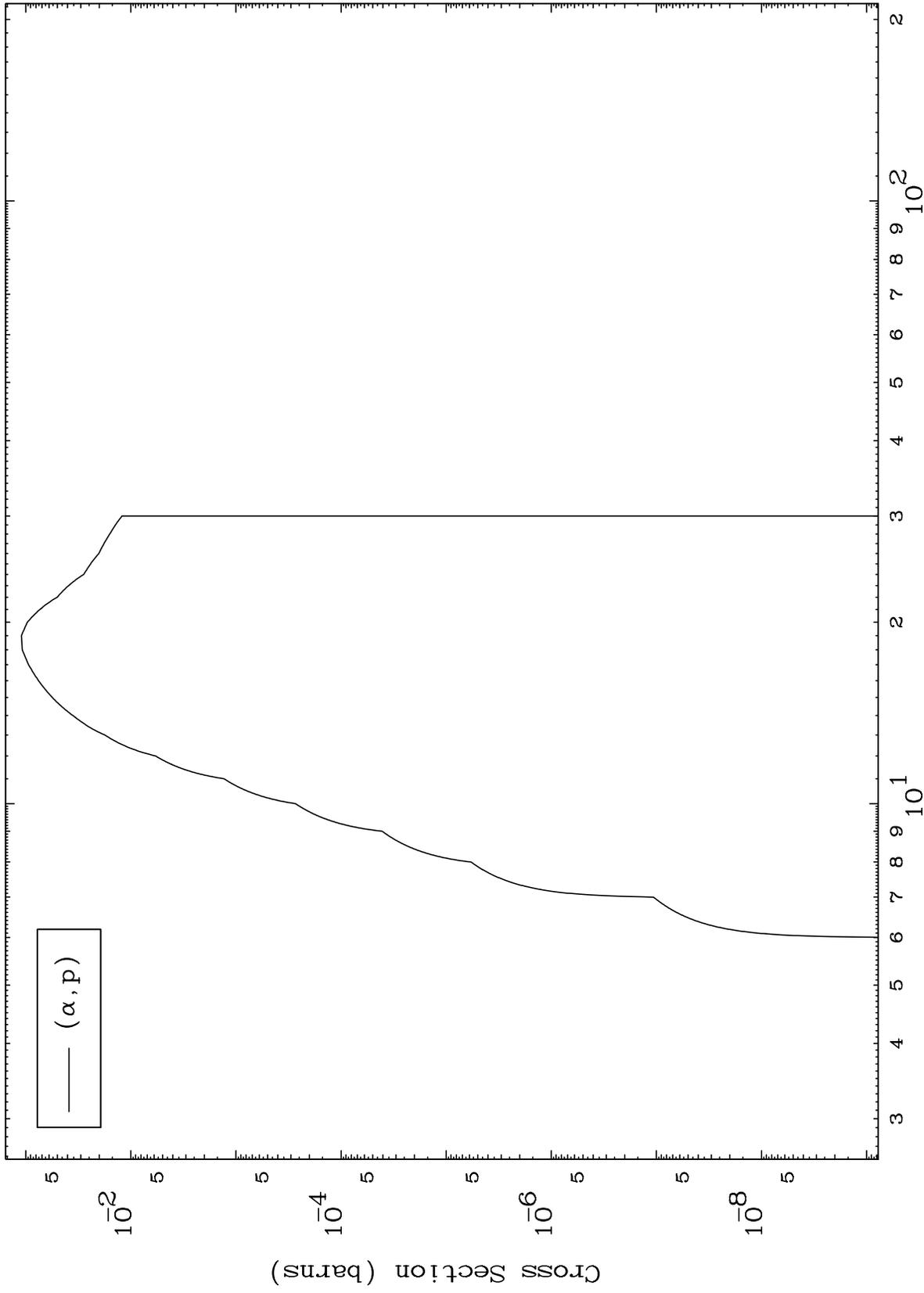
Incident Energy (MeV)

43-Tc-95

MAT 4314

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

43-Tc-95



6

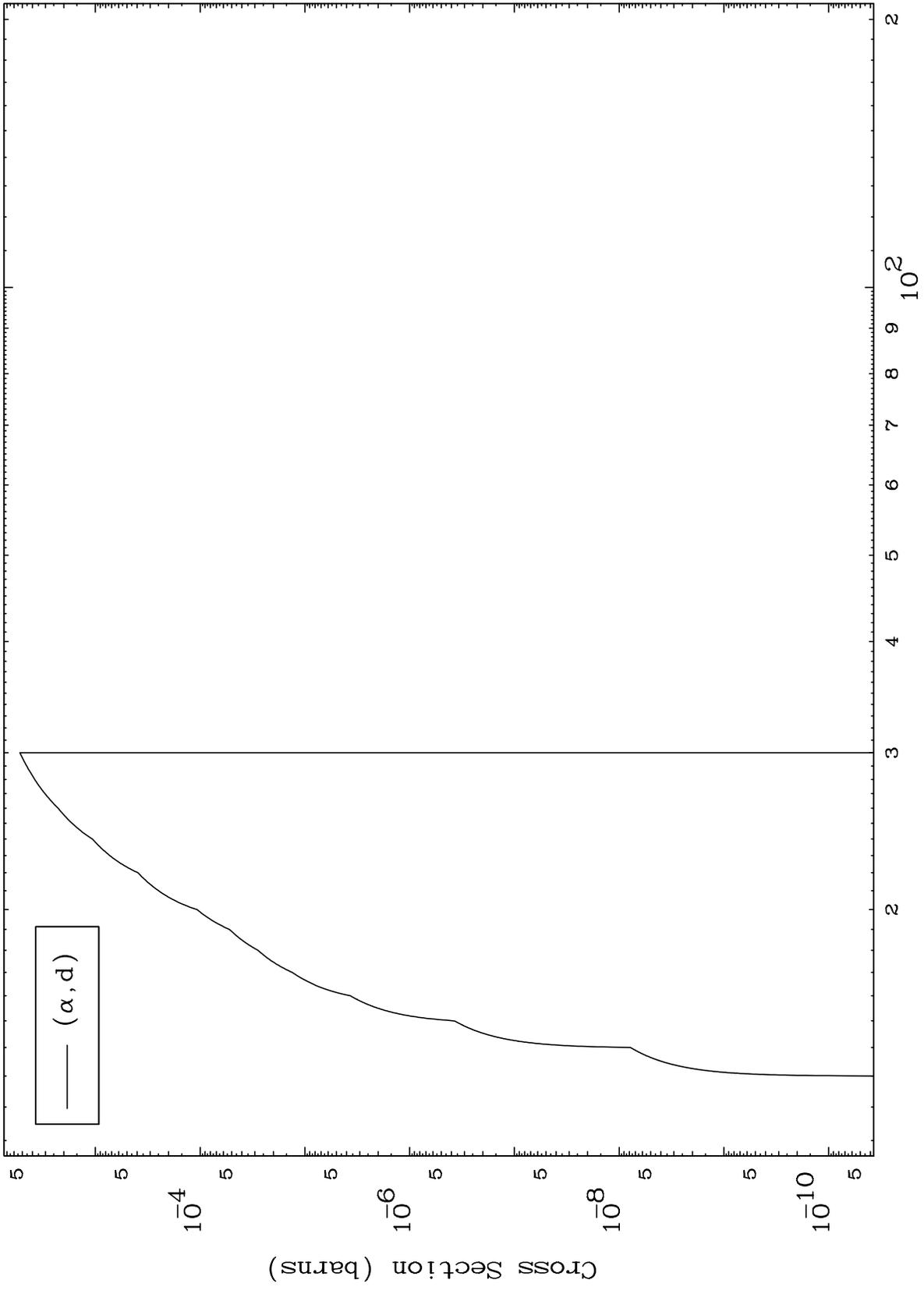
Incident Energy (MeV)

43-Tc-95

MAT 4314

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

43-Tc-95



7

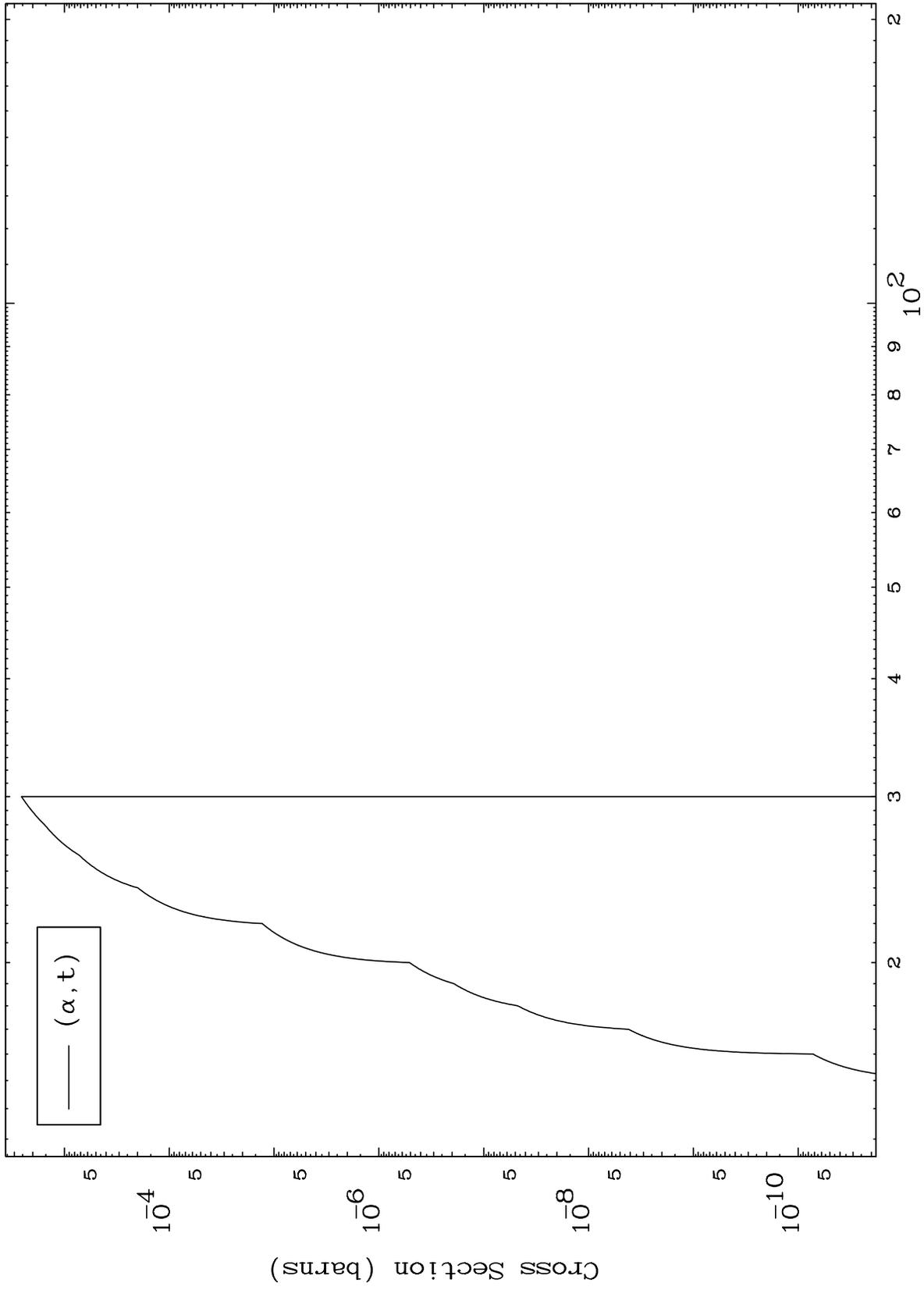
Incident Energy (MeV)

43-Tc-95

MAT 4314

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

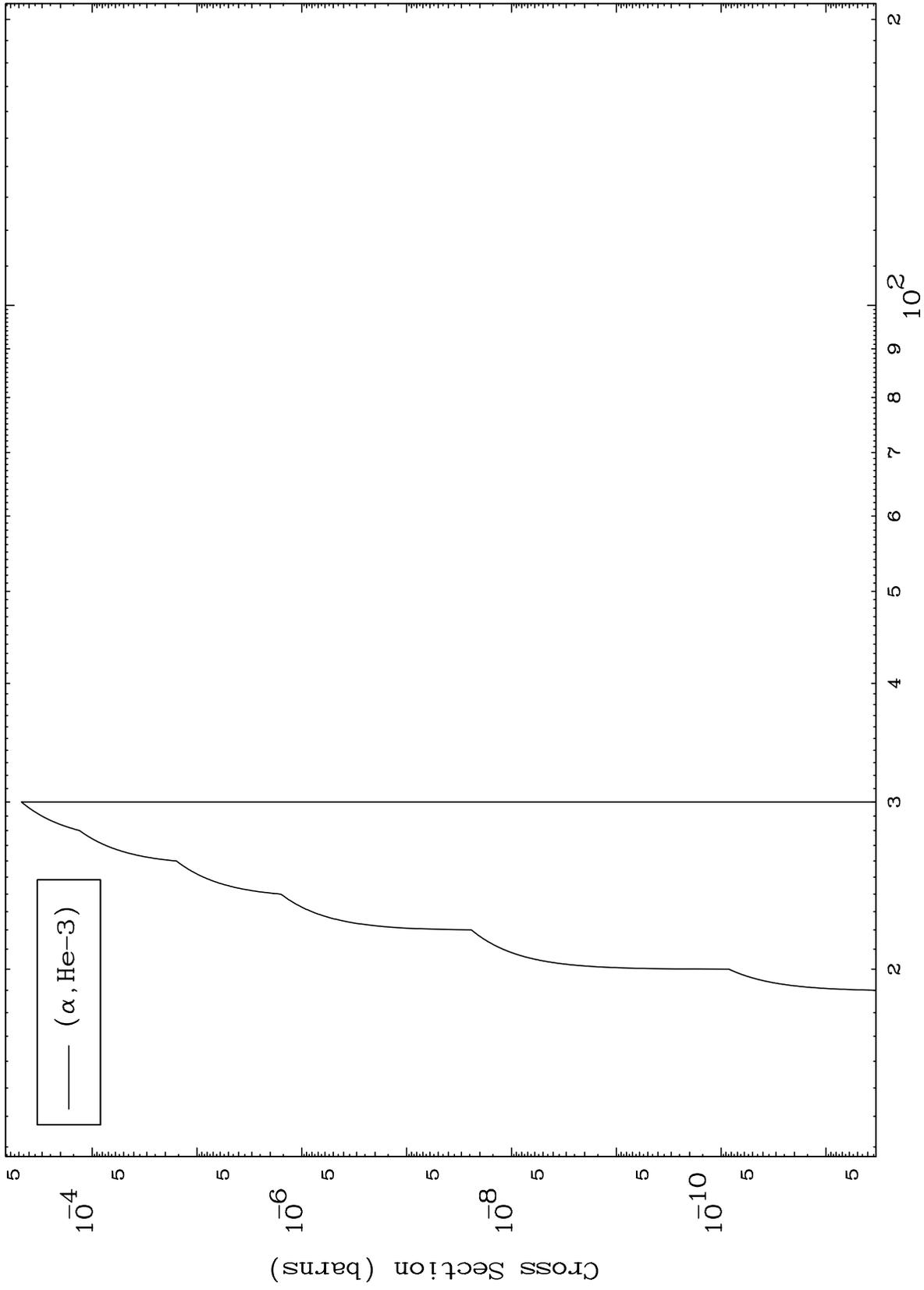
43-Tc-95



8

Incident Energy (MeV)

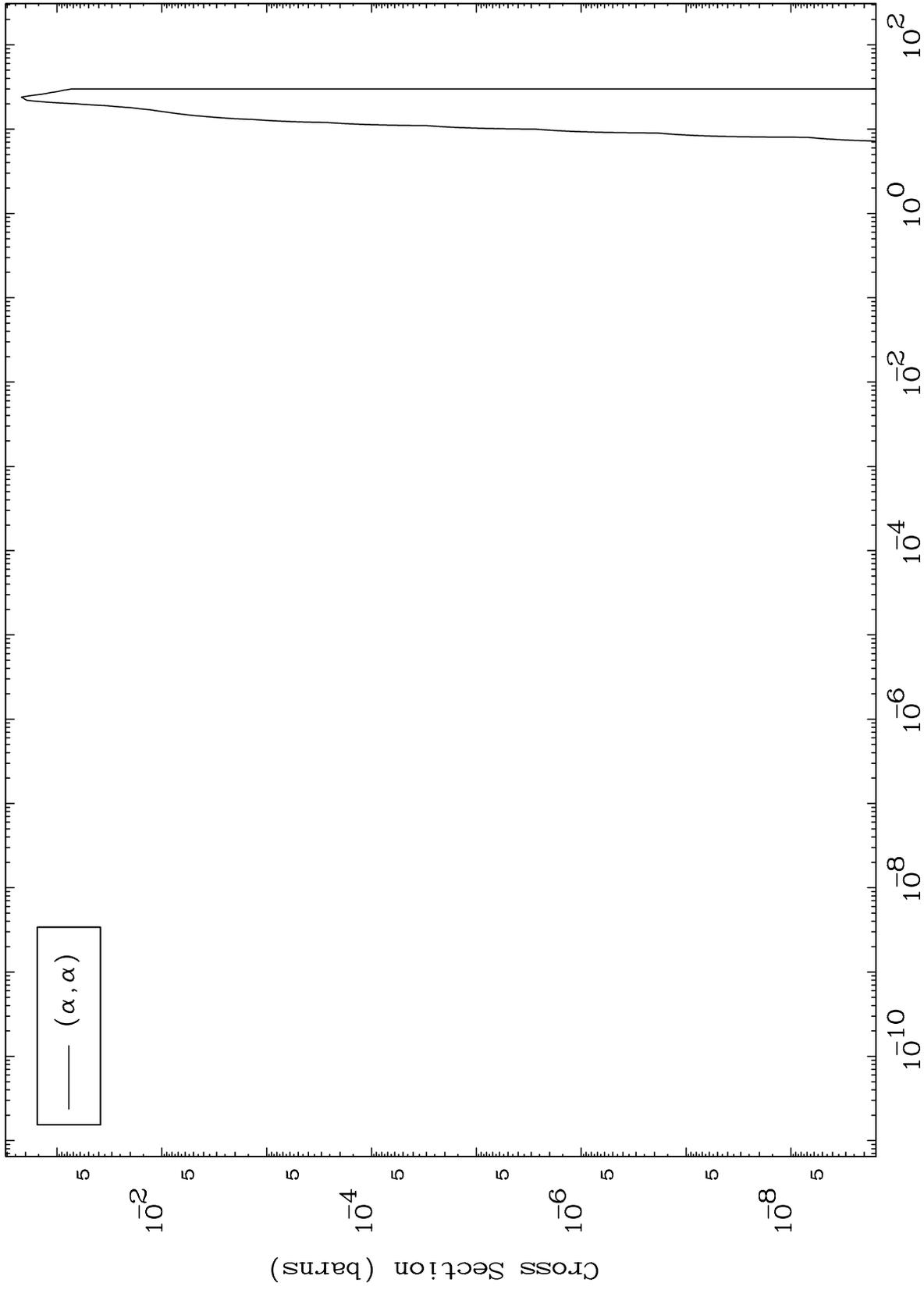
43-Tc-95



MAT 4314

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

43-Tc-95



10

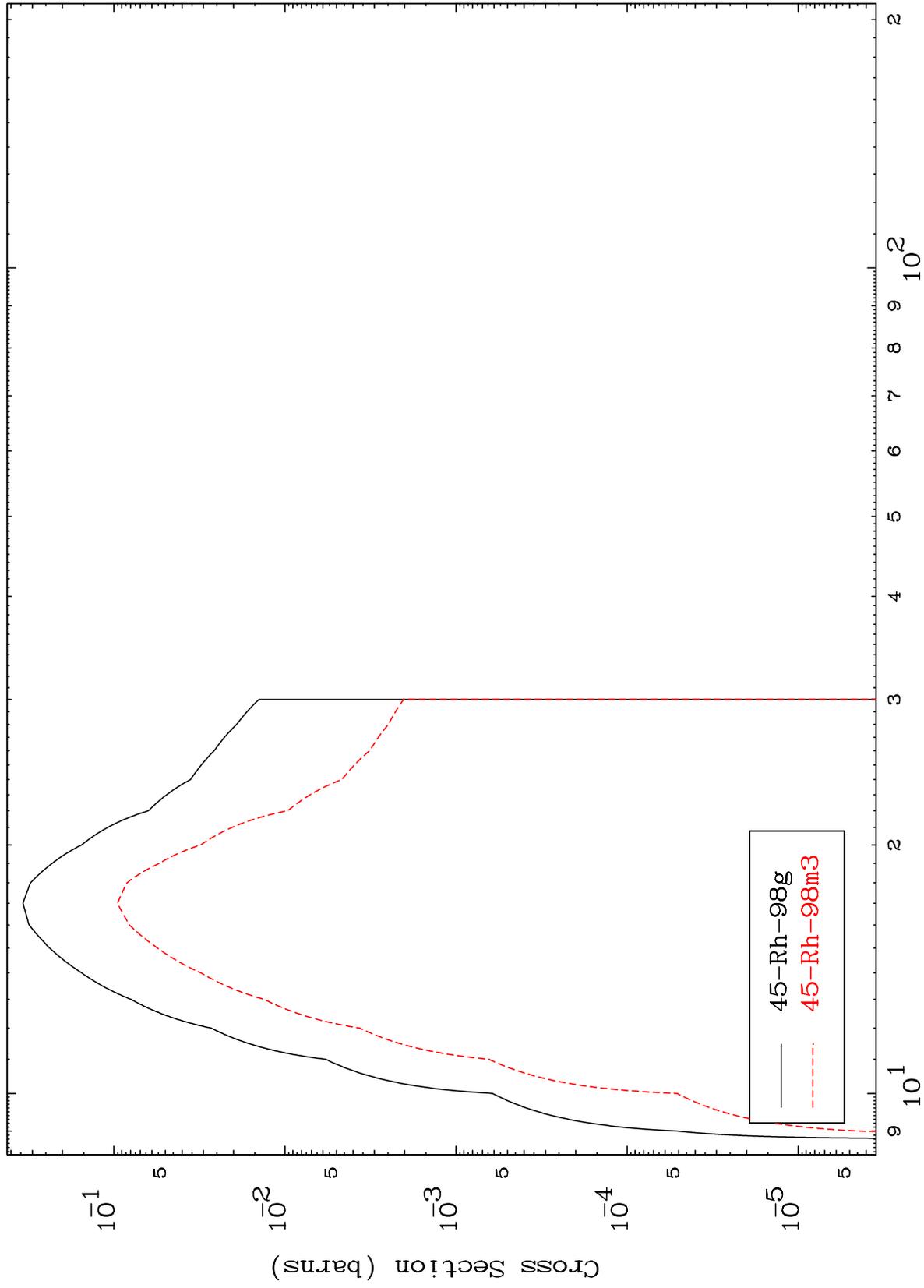
Incident Energy (MeV)

43-Tc-95

MAT 4314

$\alpha$  Inelastic  
Radionuclide Production Cross Section

43-Tc-95



11

Incident Energy (MeV)

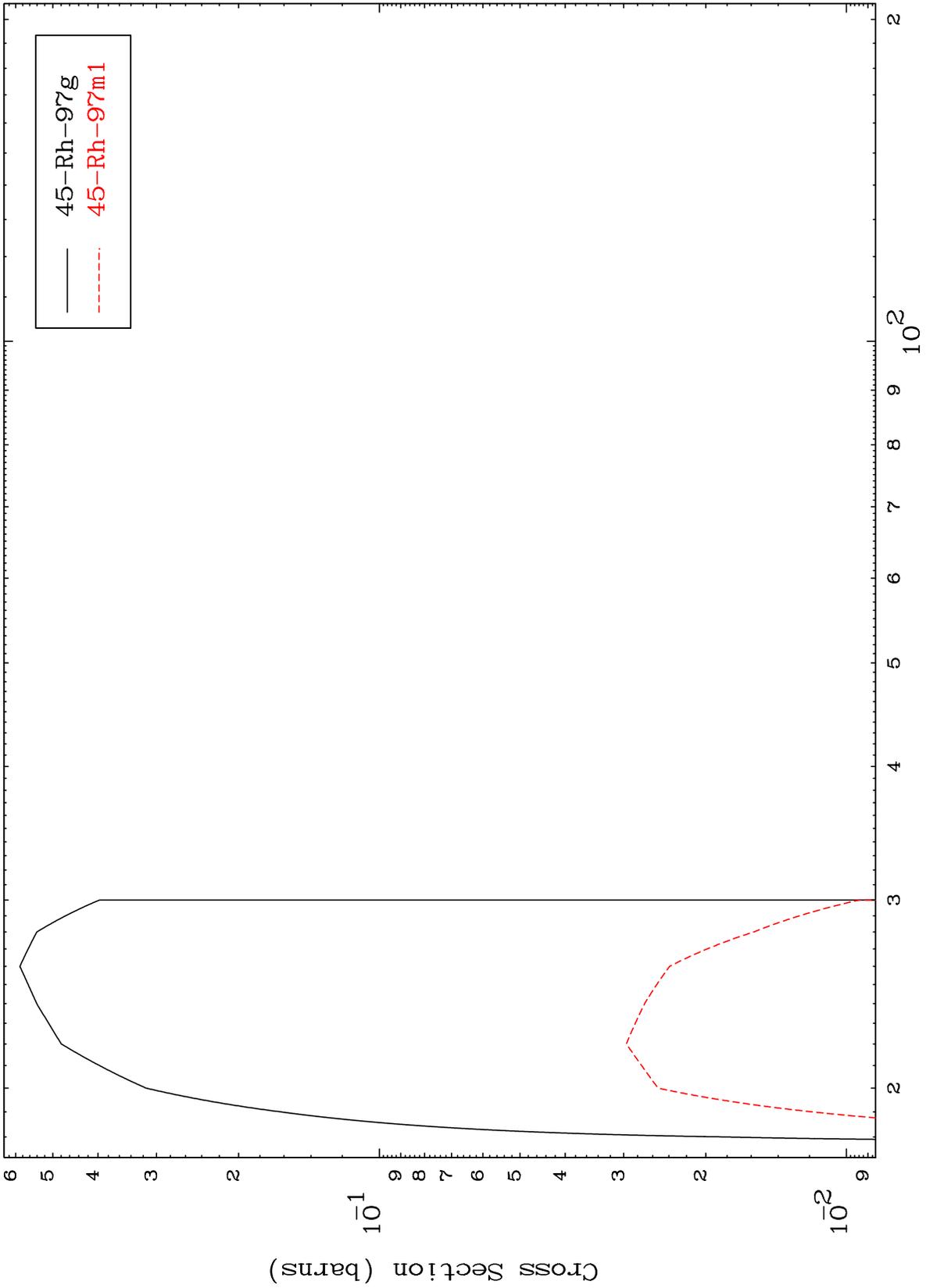
43-Tc-95

MAT 4314

( $\alpha, 2n$ )

43-Tc-95

Radionuclide Production Cross Section



12

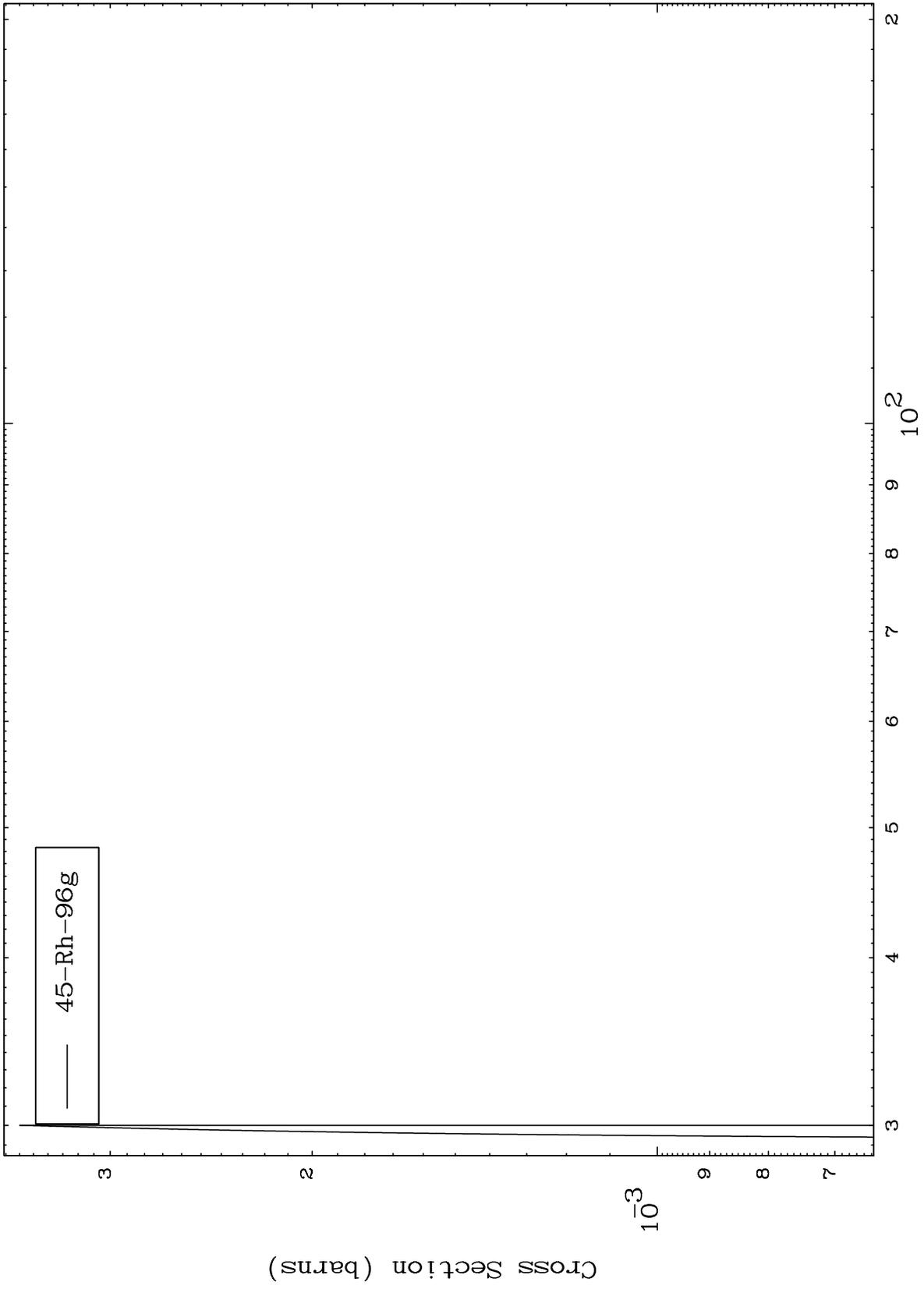
Incident Energy (MeV)

43-Tc-95

MAT 4314

43-Tc-95

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



13

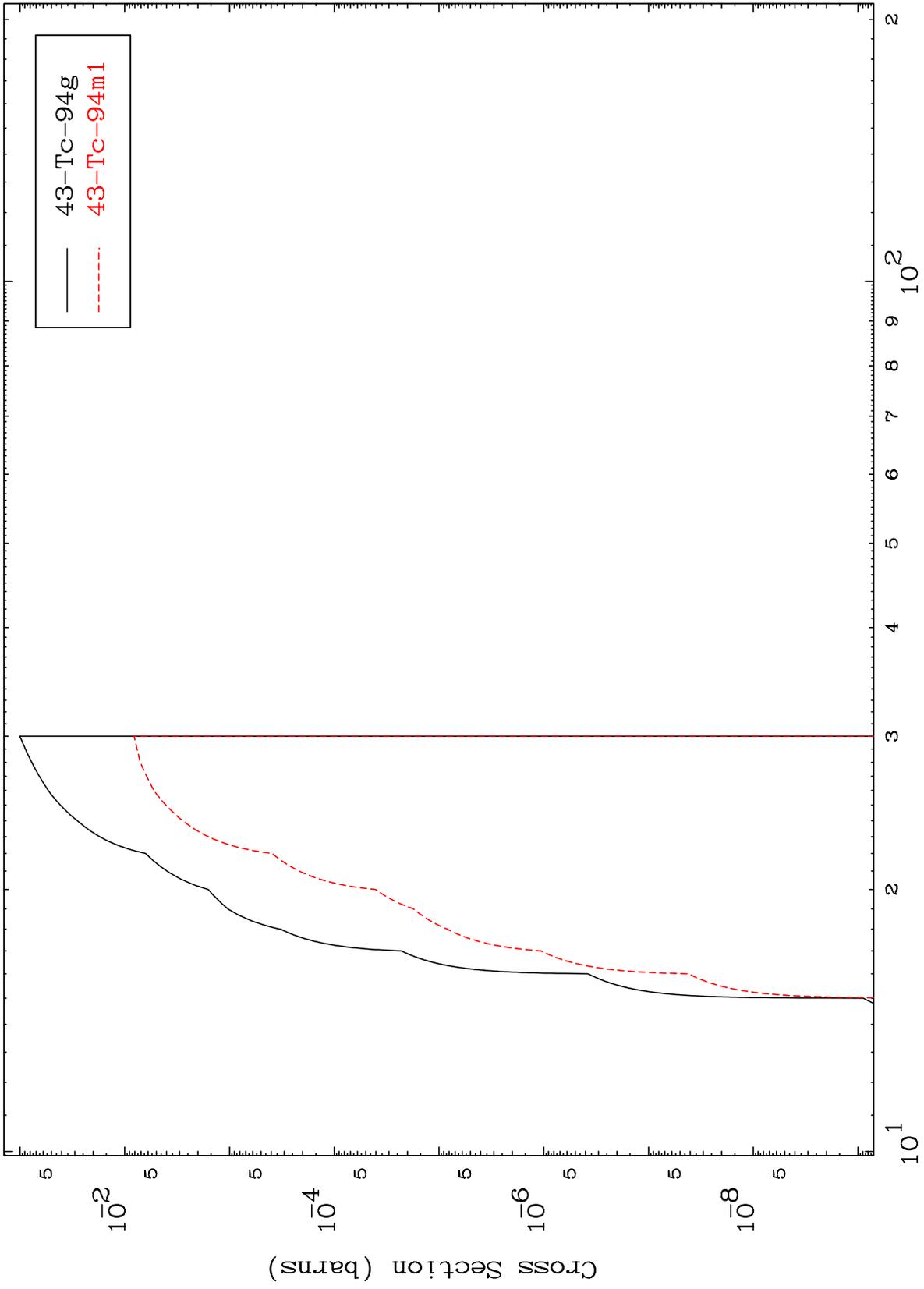
43-Tc-95

MAT 4314

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

43-Tc-95

Radionuclide Production Cross Section



14

Incident Energy (MeV)

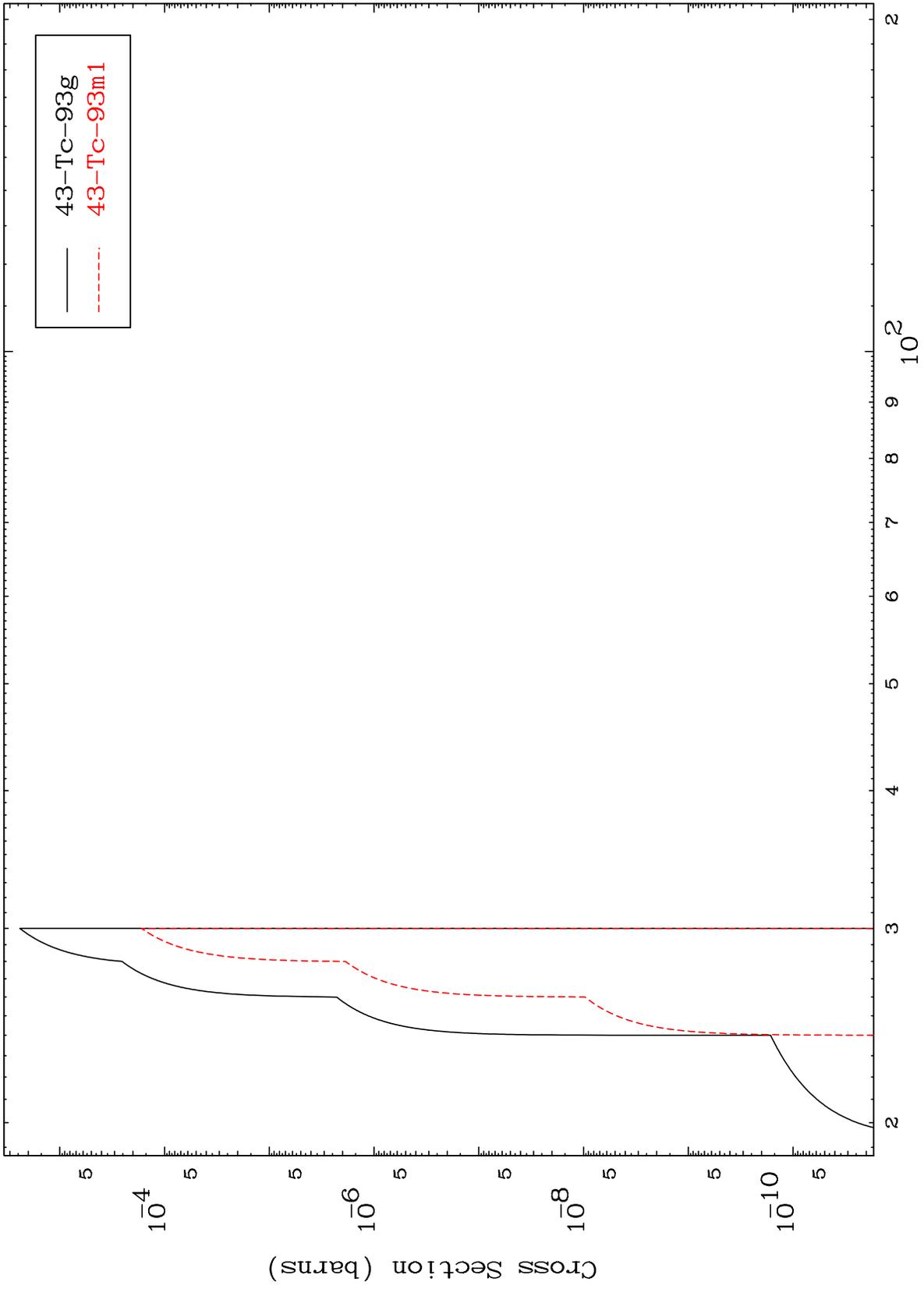
43-Tc-95

MAT 4314

( $\alpha, 2n$ )  $\alpha$

43-Tc-95

Radionuclide Production Cross Section

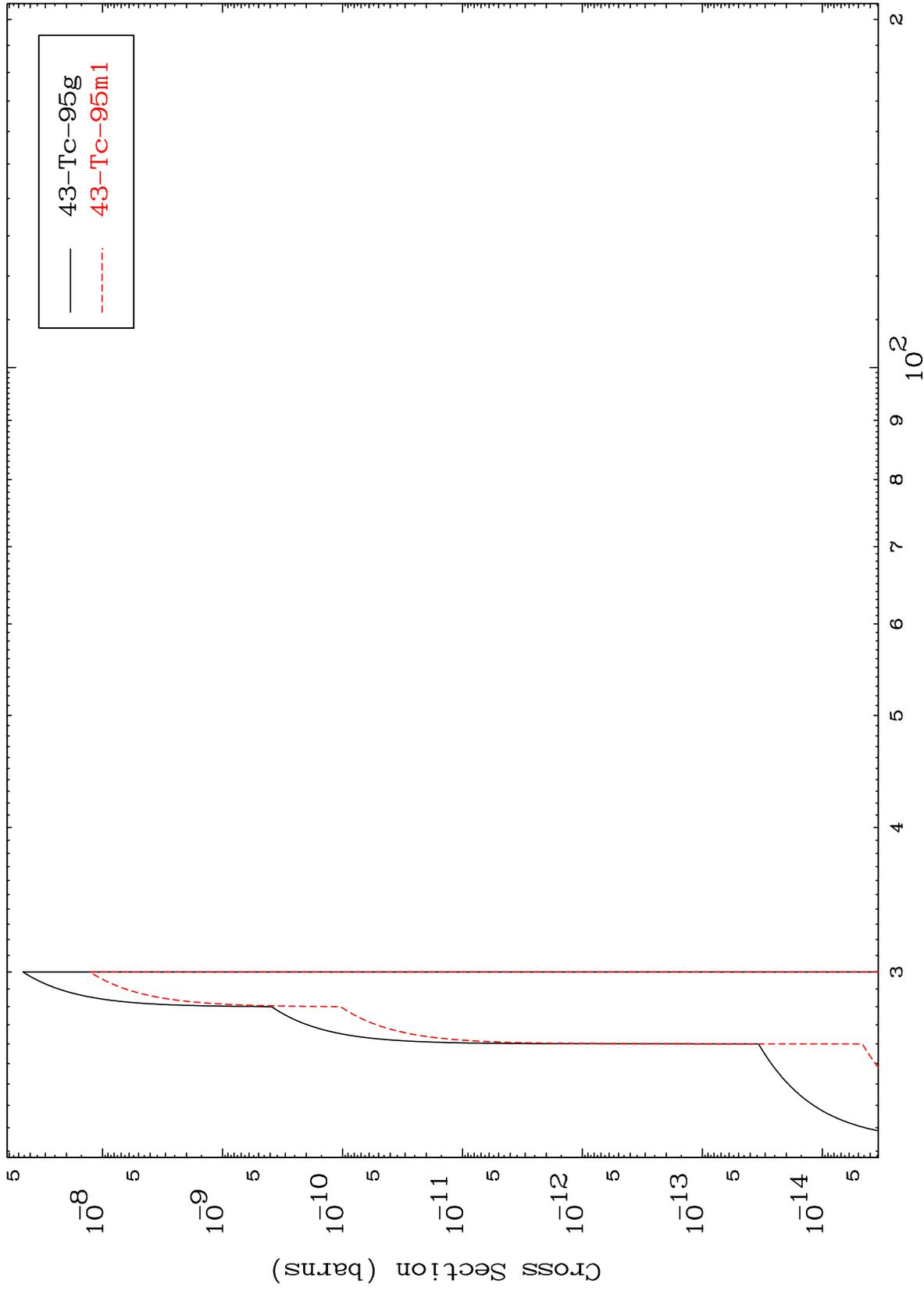


15

Incident Energy (MeV)

43-Tc-95

Radionuclide Production Cross Section

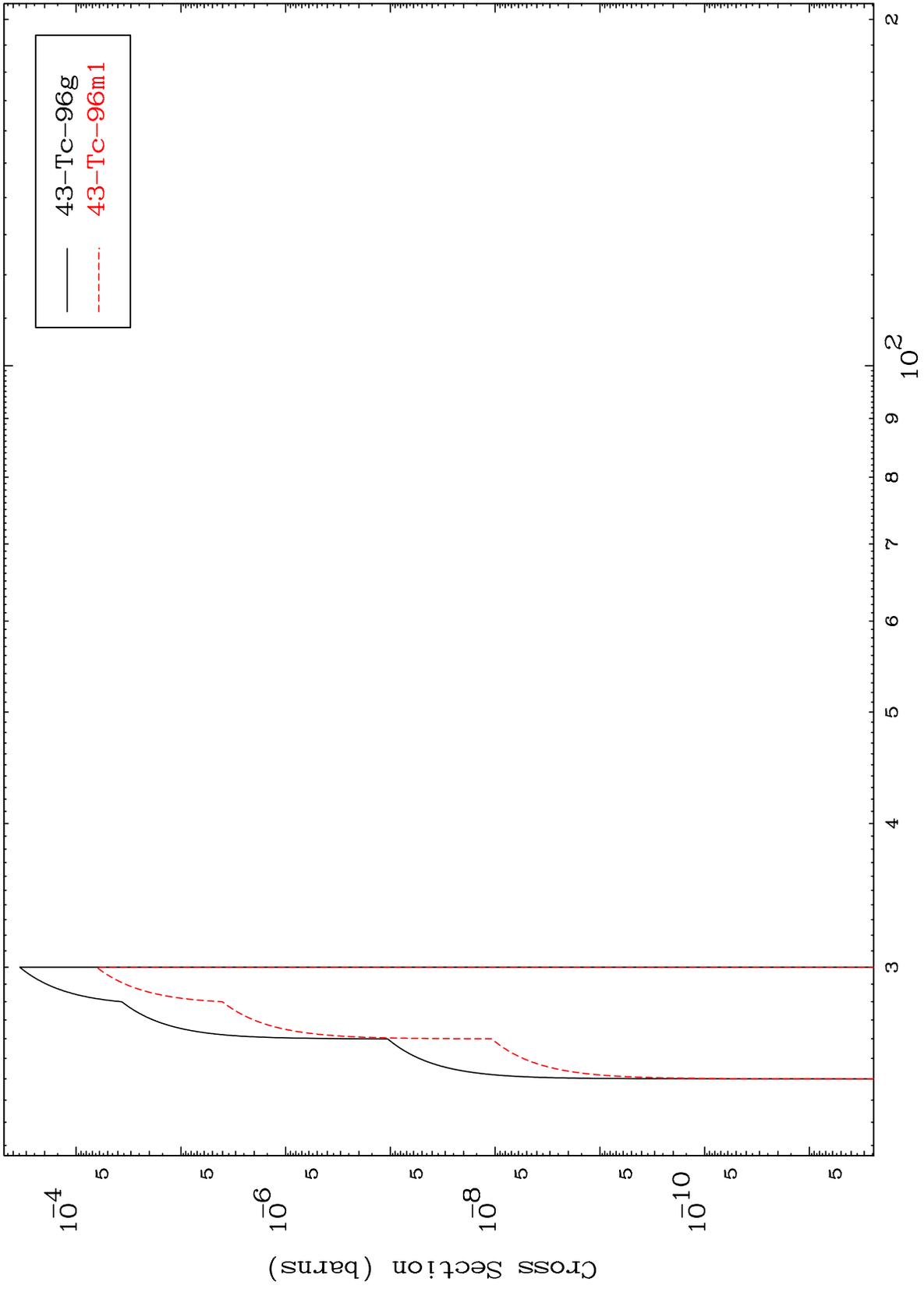


MAT 4314

( $\alpha, 2n$ ) p

43-Tc-95

Radionuclide Production Cross Section



17

Incident Energy (MeV)

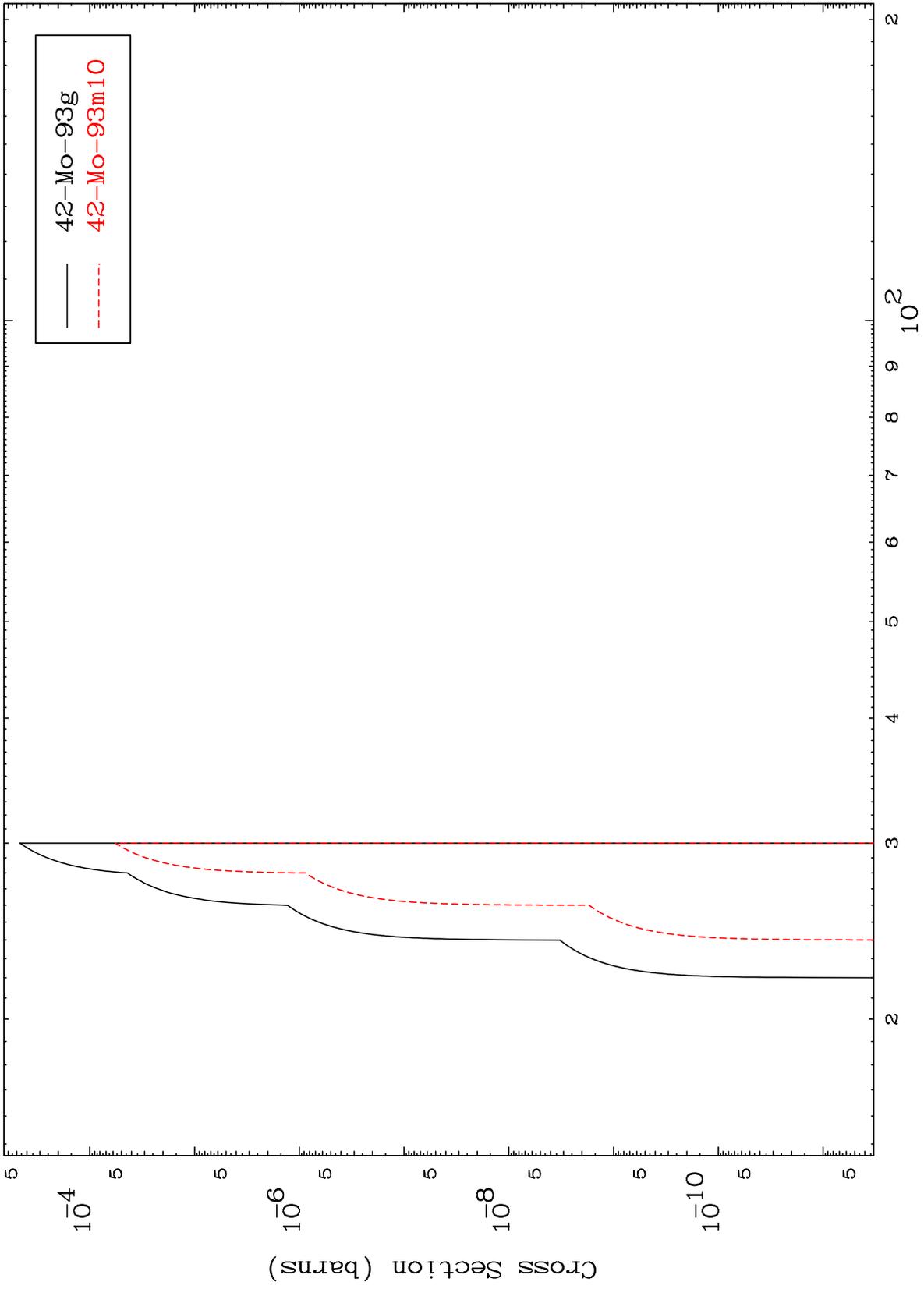
43-Tc-95

MAT 4314

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

43-Tc-95

Radionuclide Production Cross Section



18

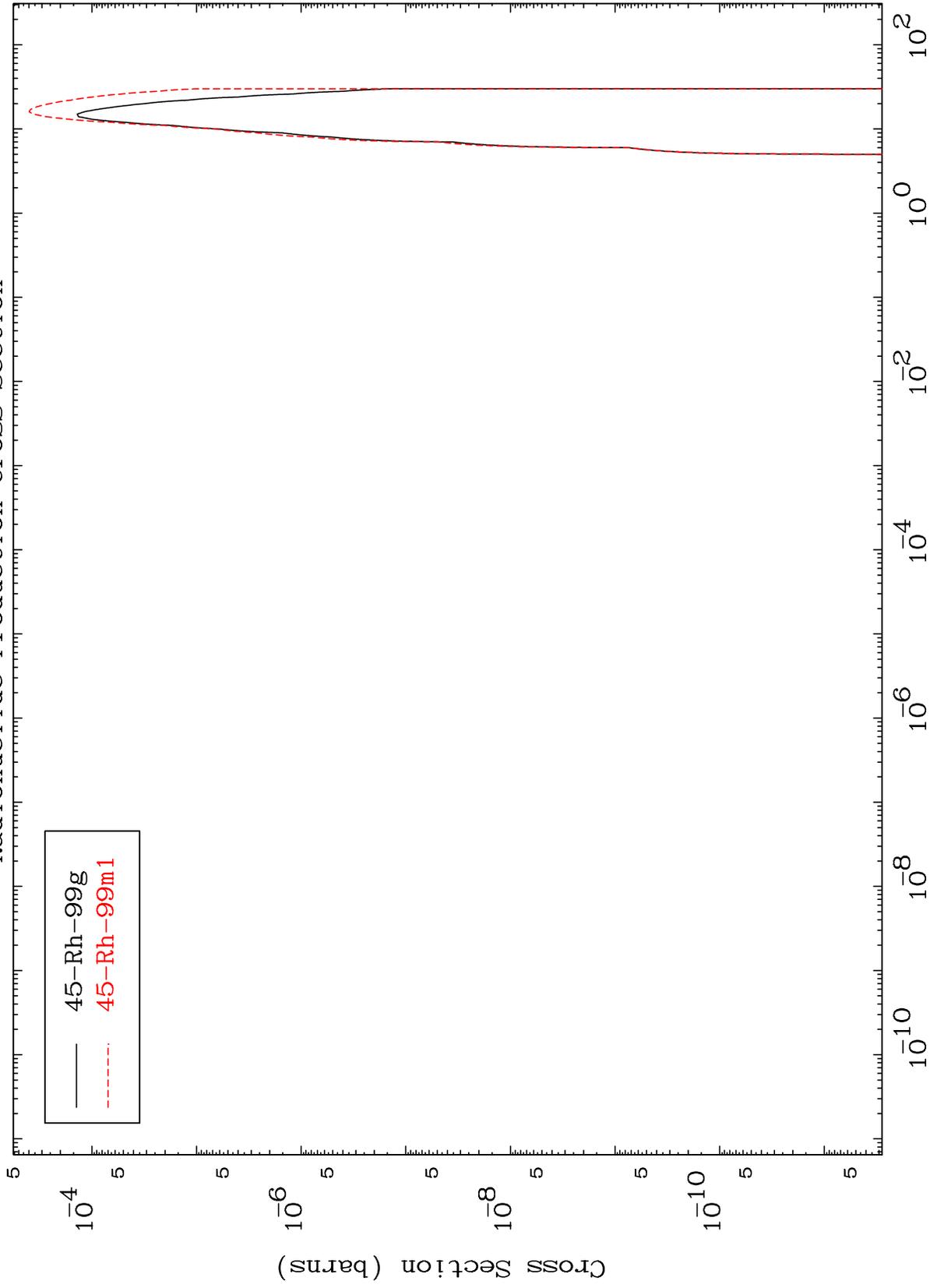
Incident Energy (MeV)

43-Tc-95

MAT 4314

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

43-Tc-95



19

Incident Energy (MeV)

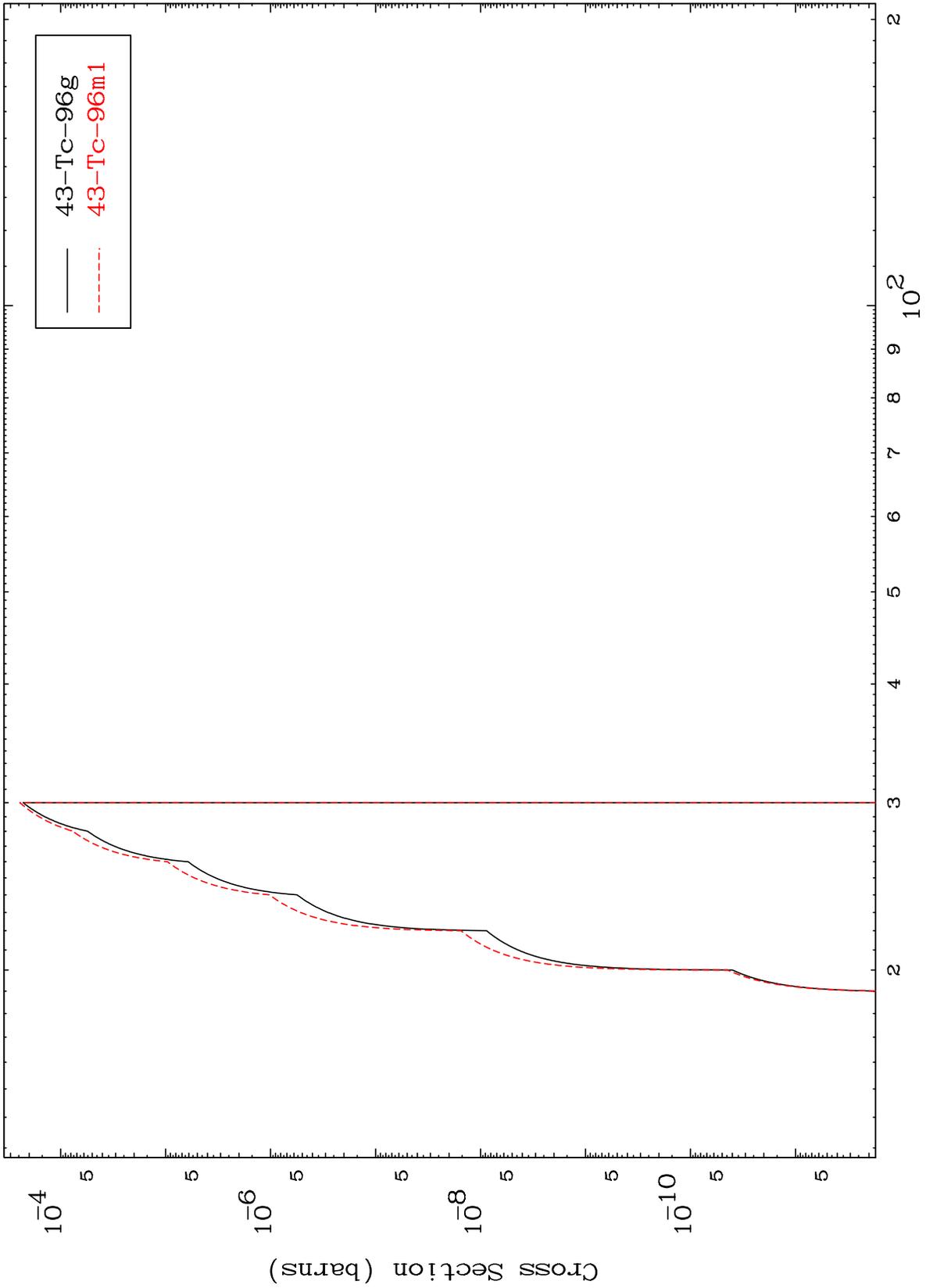
43-Tc-95

MAT 4314

( $\alpha, \text{He-3}$ )

43-Tc-95

Radionuclide Production Cross Section



20

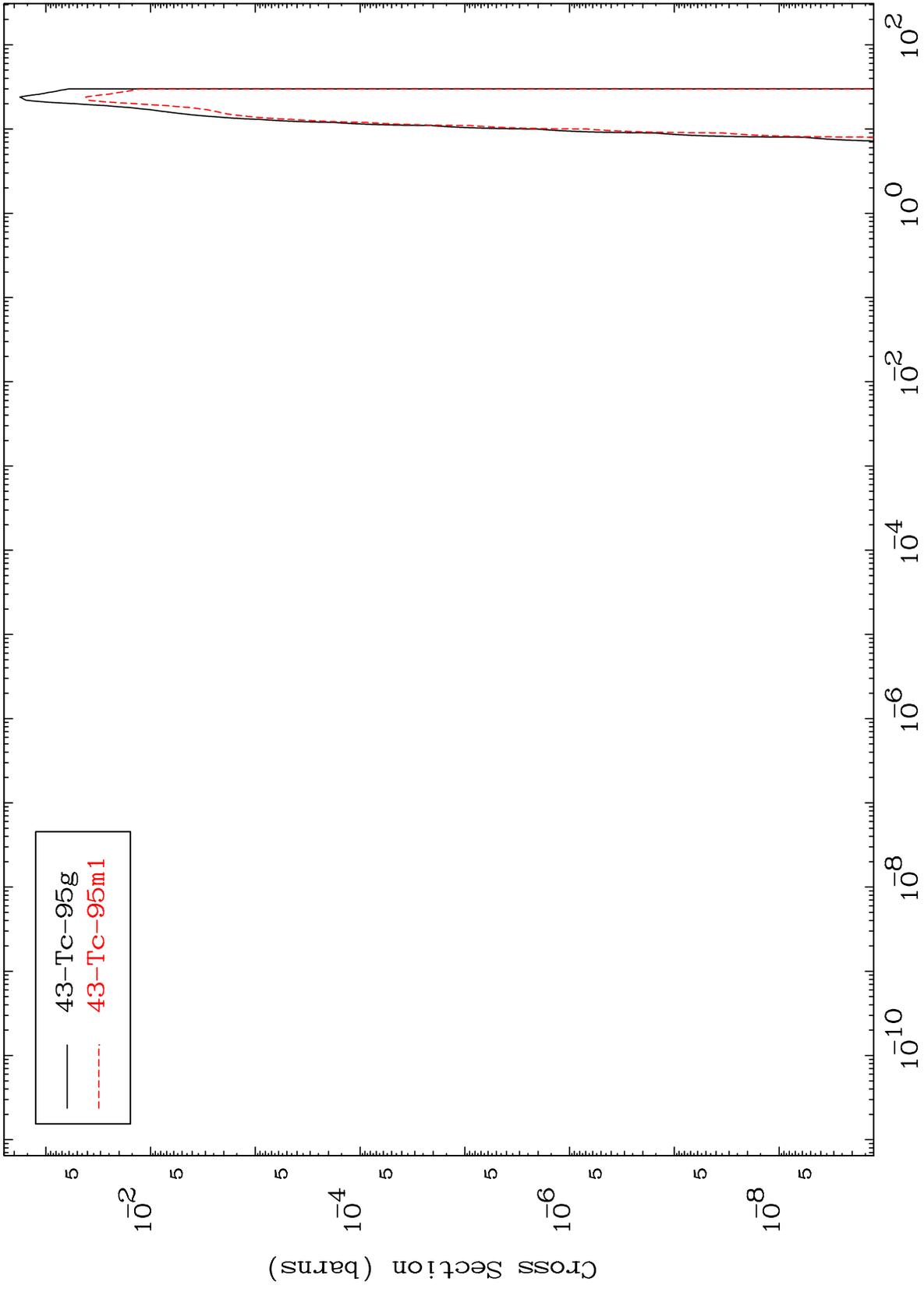
Incident Energy (MeV)

43-Tc-95

MAT 4314

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

$^{43}\text{Tc-95}$

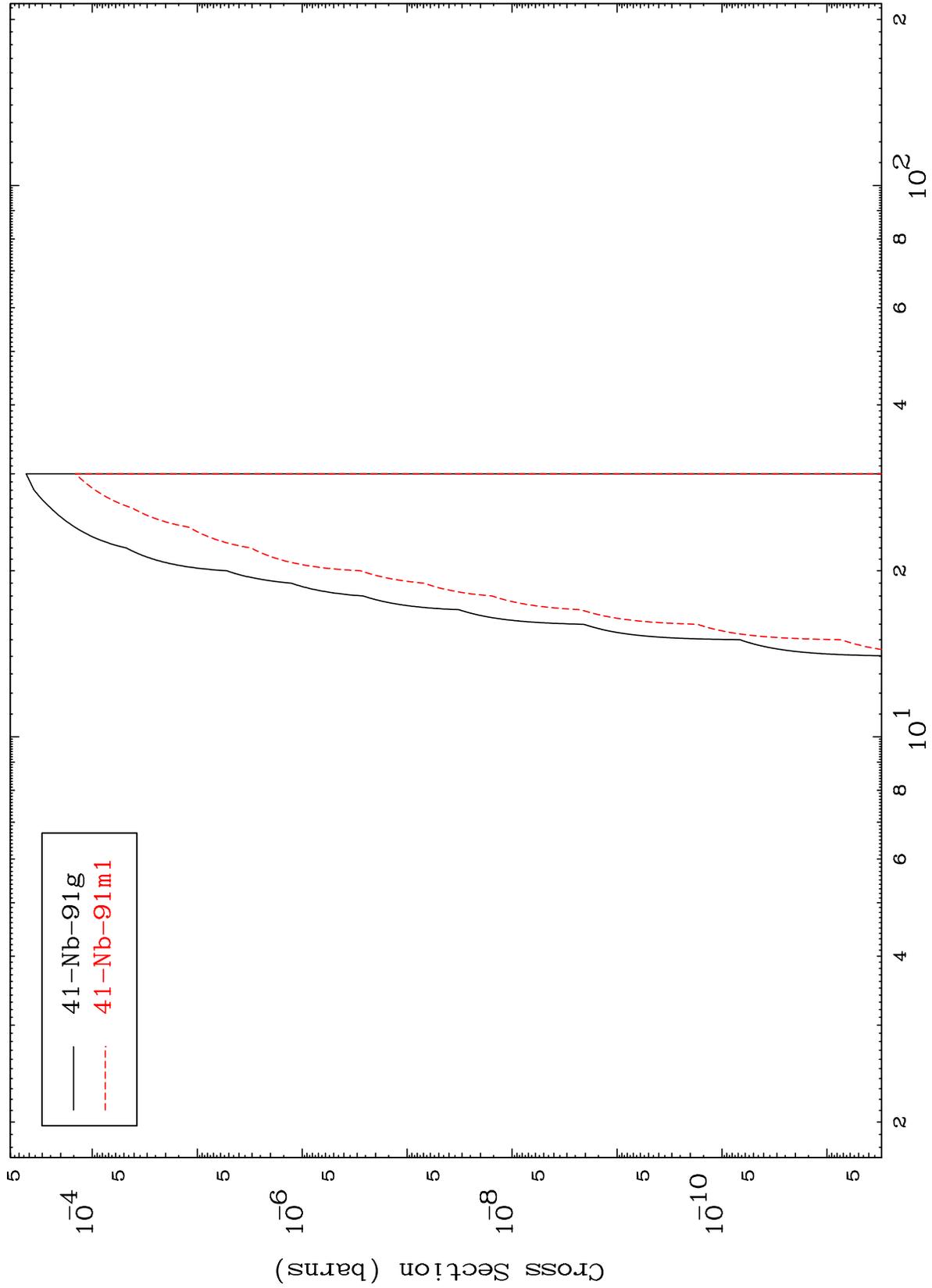


MAT 4314

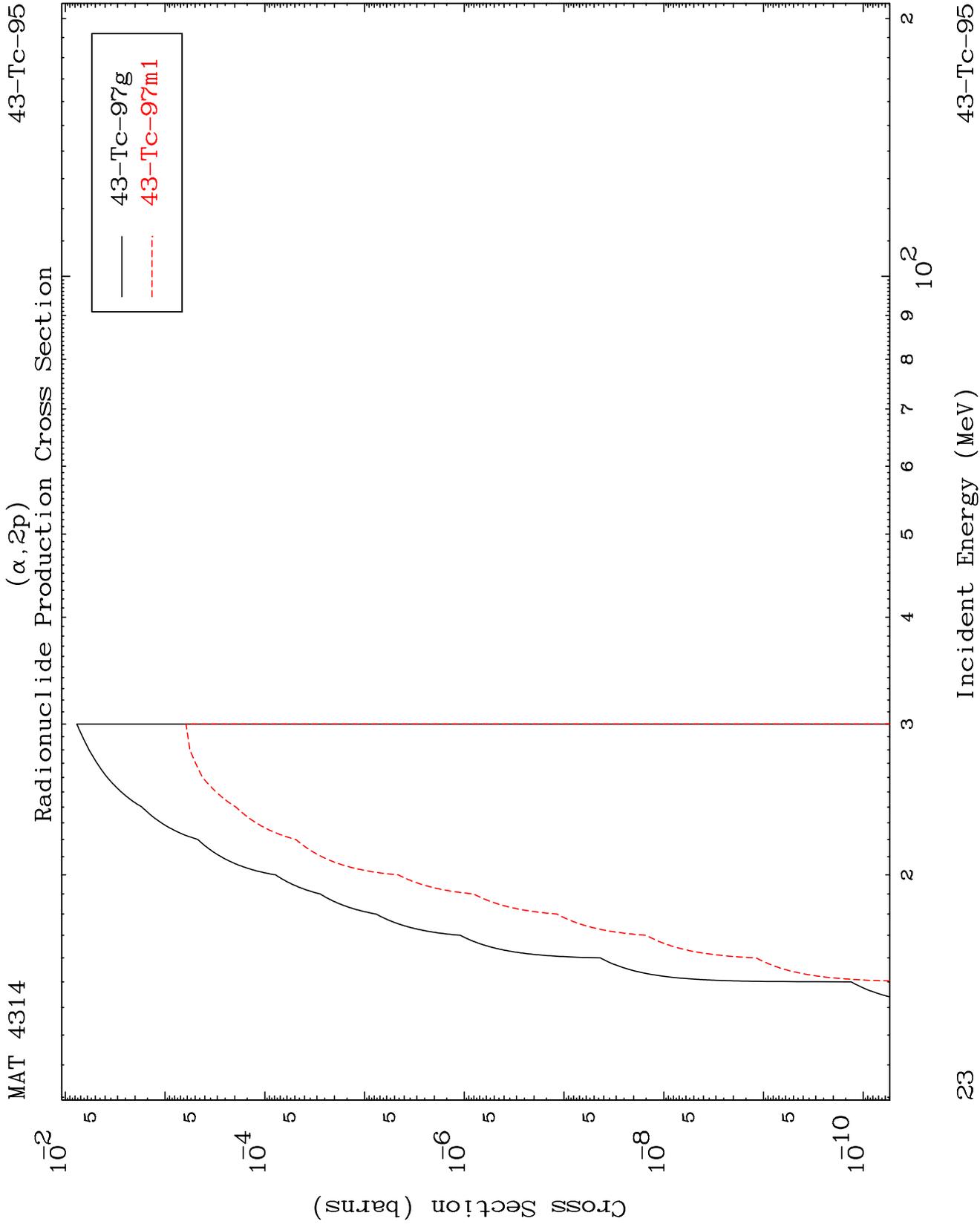
( $\alpha, 2\alpha$ )

43-Tc-95

Radionuclide Production Cross Section



— 41-Nb-91g  
- - - 41-Nb-91m1

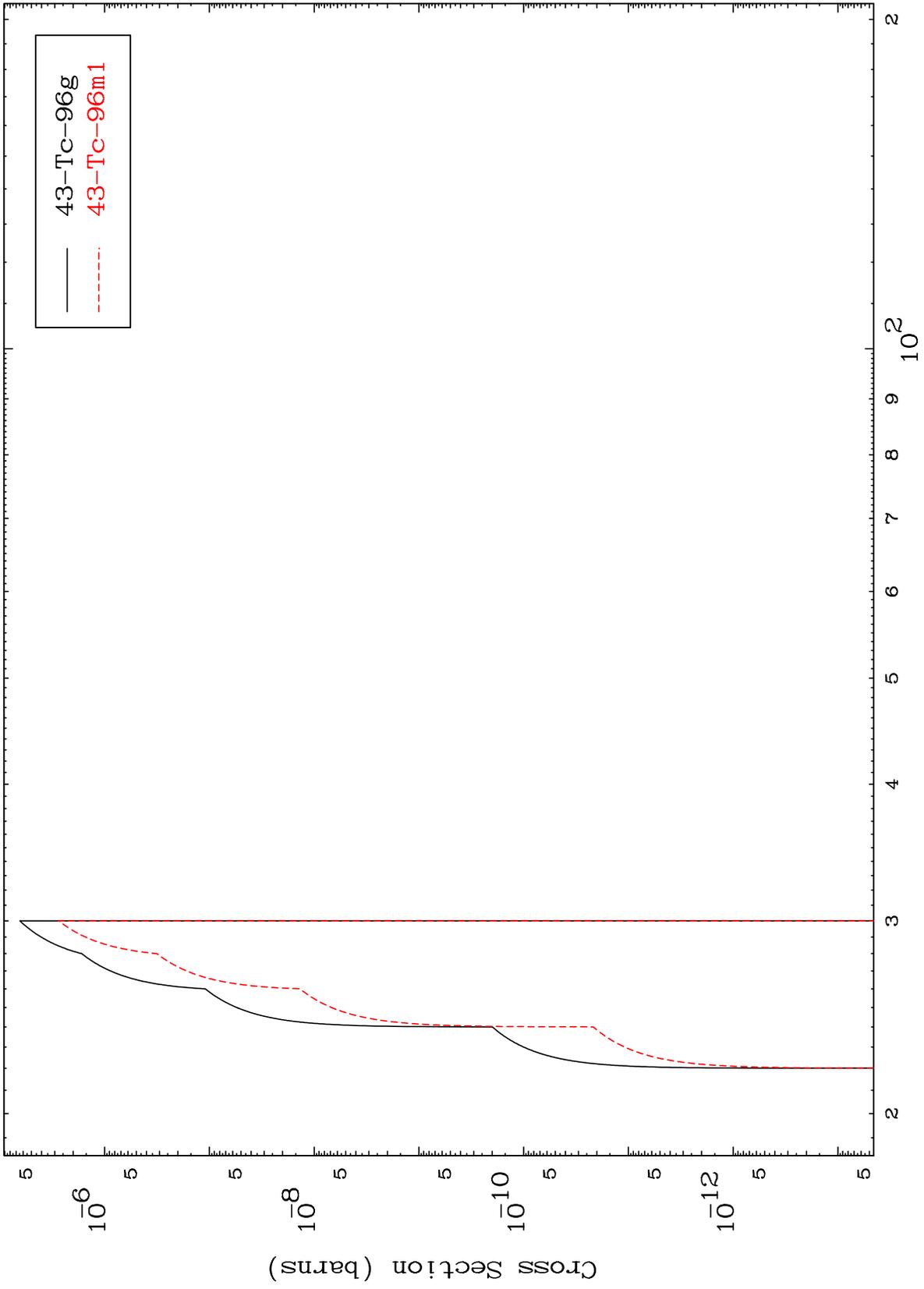


MAT 4314

( $\alpha, p$ ) d

43-Tc-95

Radionuclide Production Cross Section



24

Incident Energy (MeV)

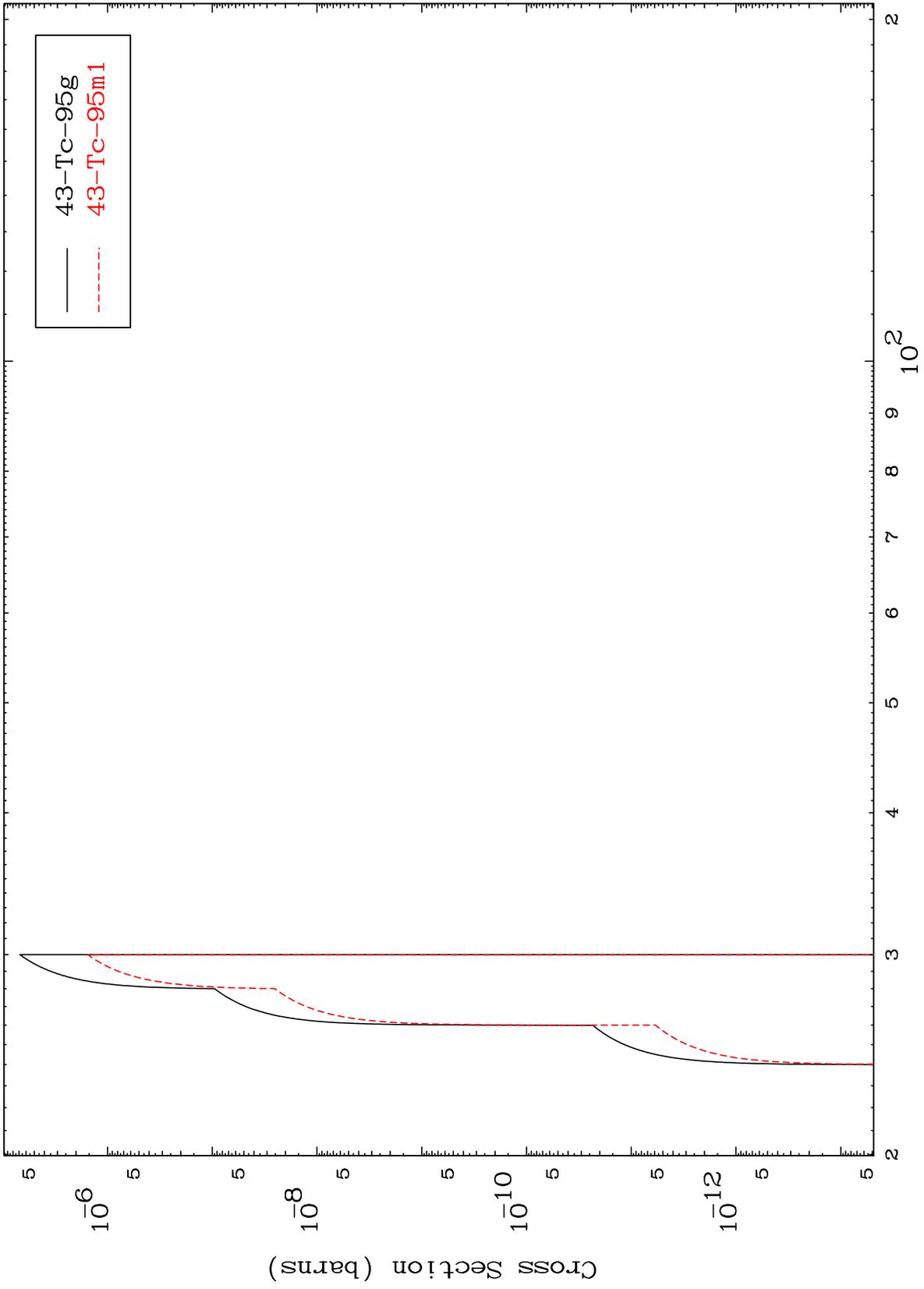
43-Tc-95

MAT 4314

( $\alpha, p$ ) t

43-Tc-95

Radionuclide Production Cross Section



25

Incident Energy (MeV)

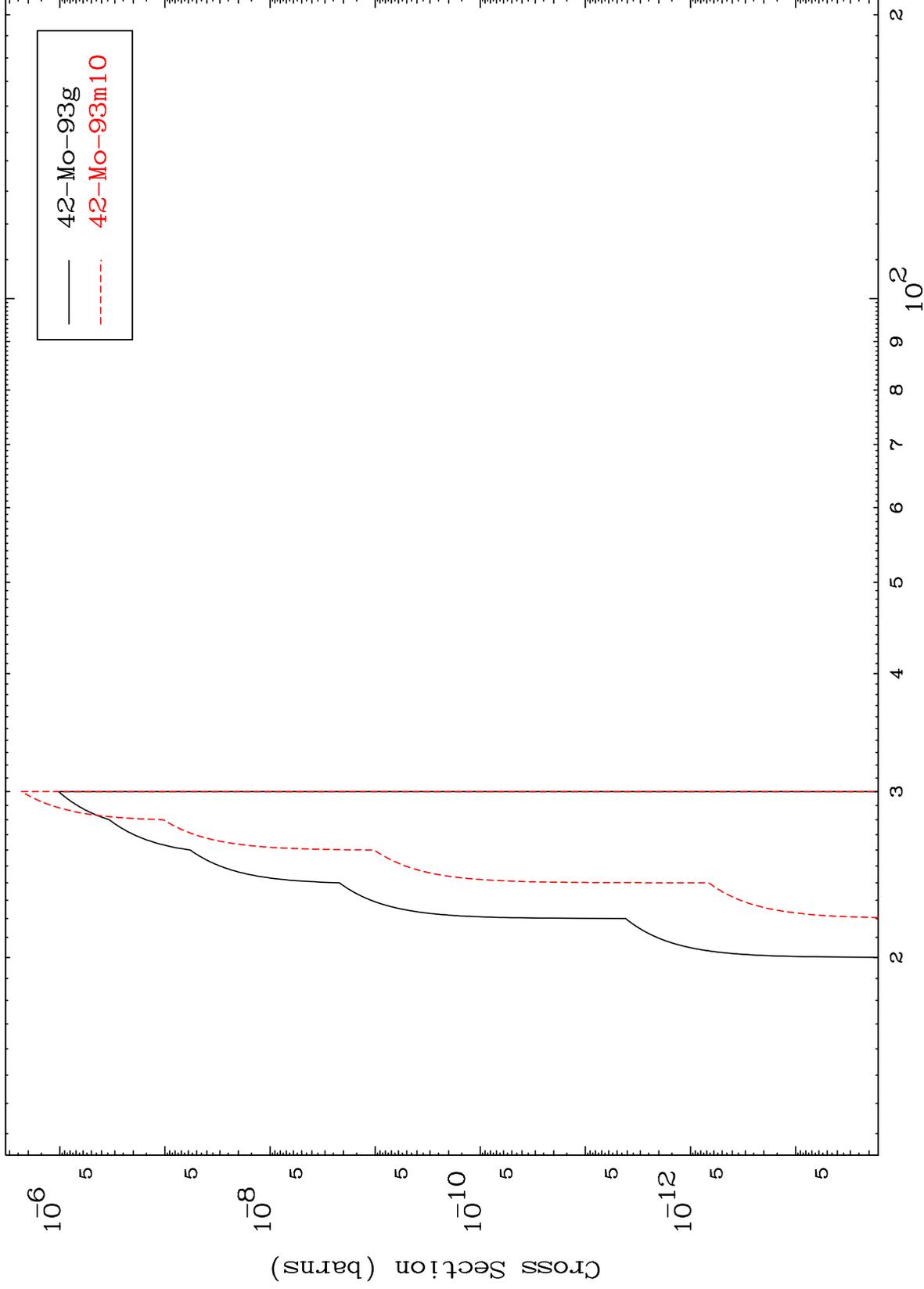
43-Tc-95

MAT 4314

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

43-Tc-95

Radionuclide Production Cross Section



26

Incident Energy (MeV)

43-Tc-95