

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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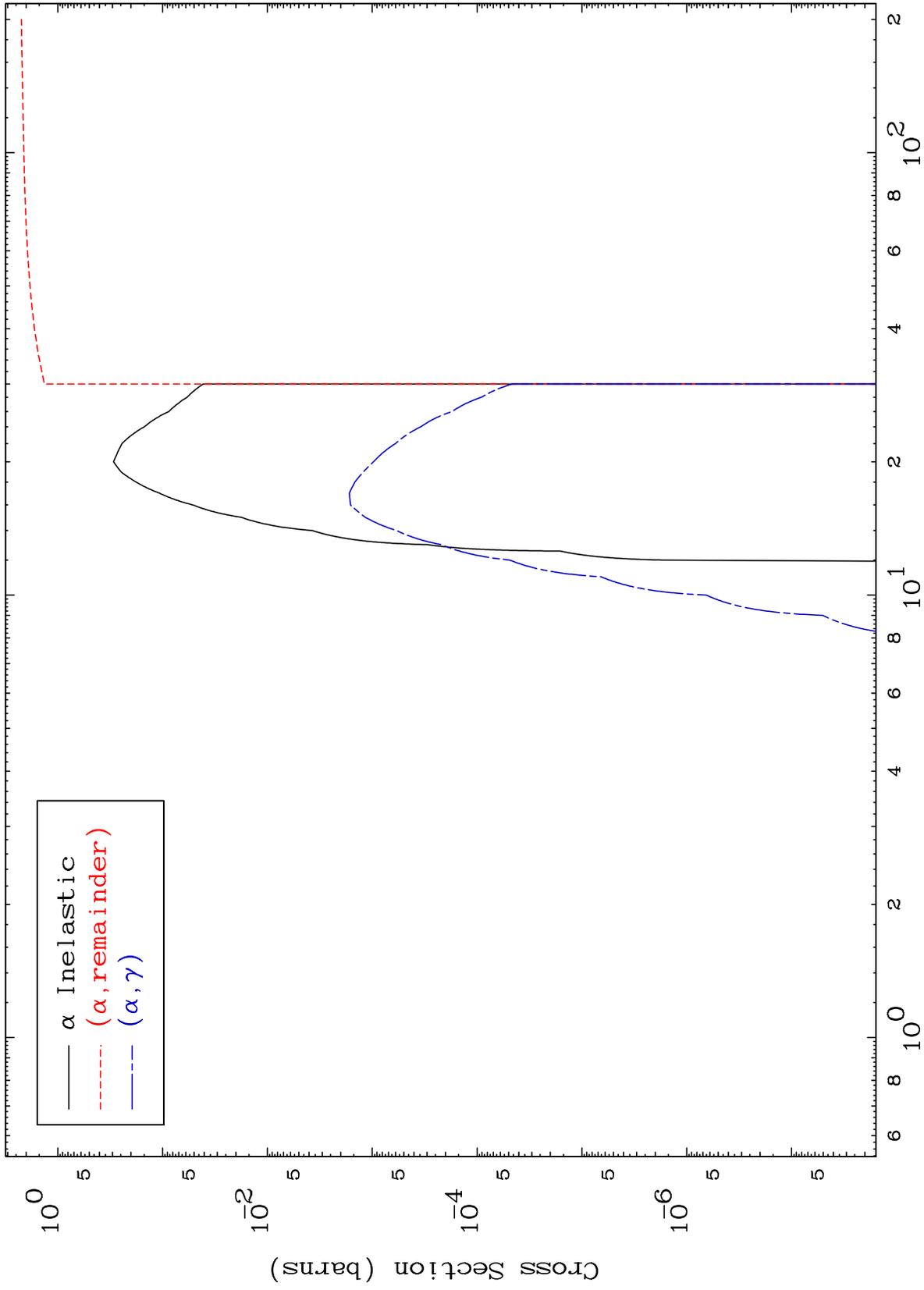
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5496

0 Kelvin  $\alpha$  Major

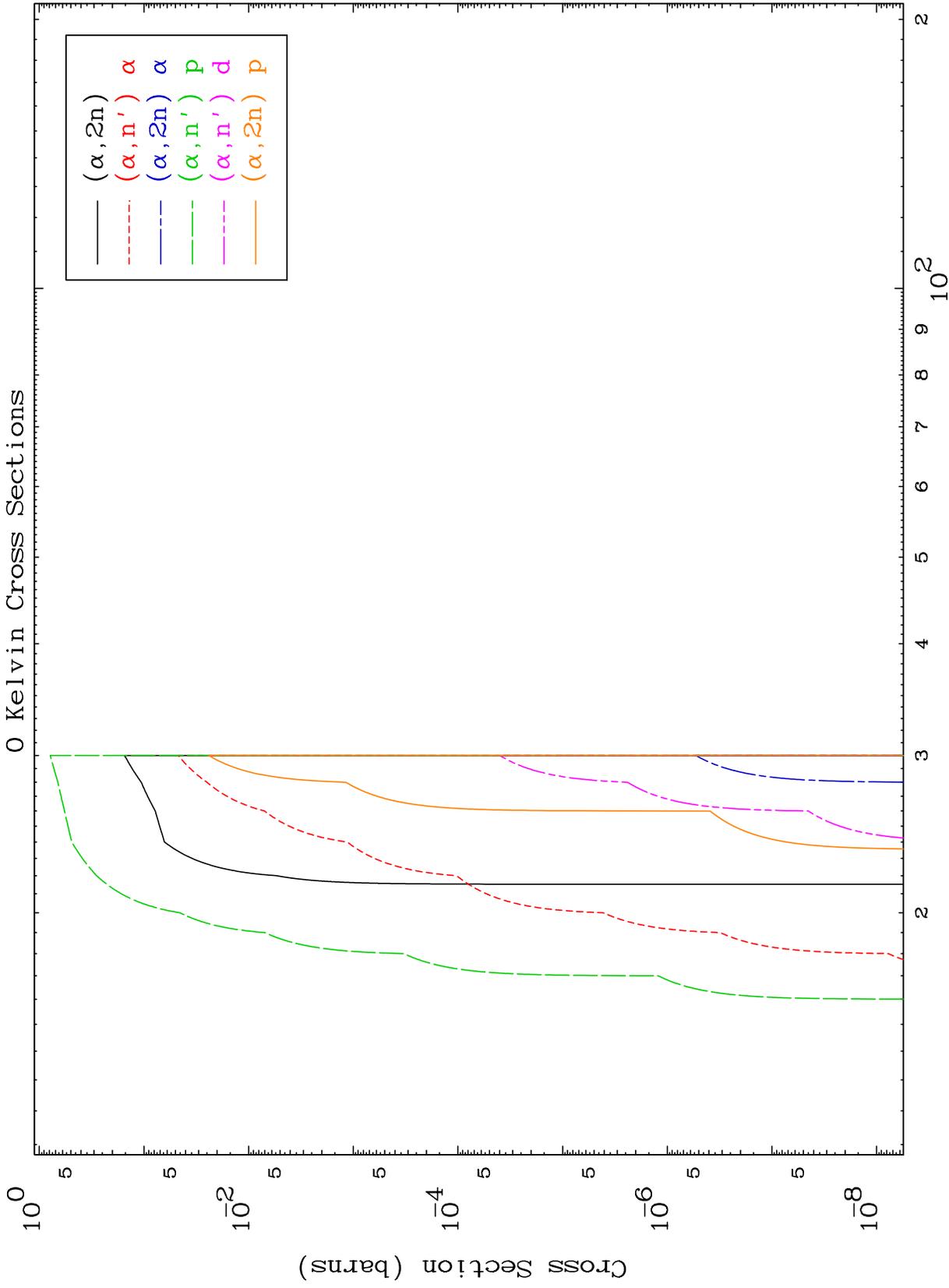
55-Cs-123

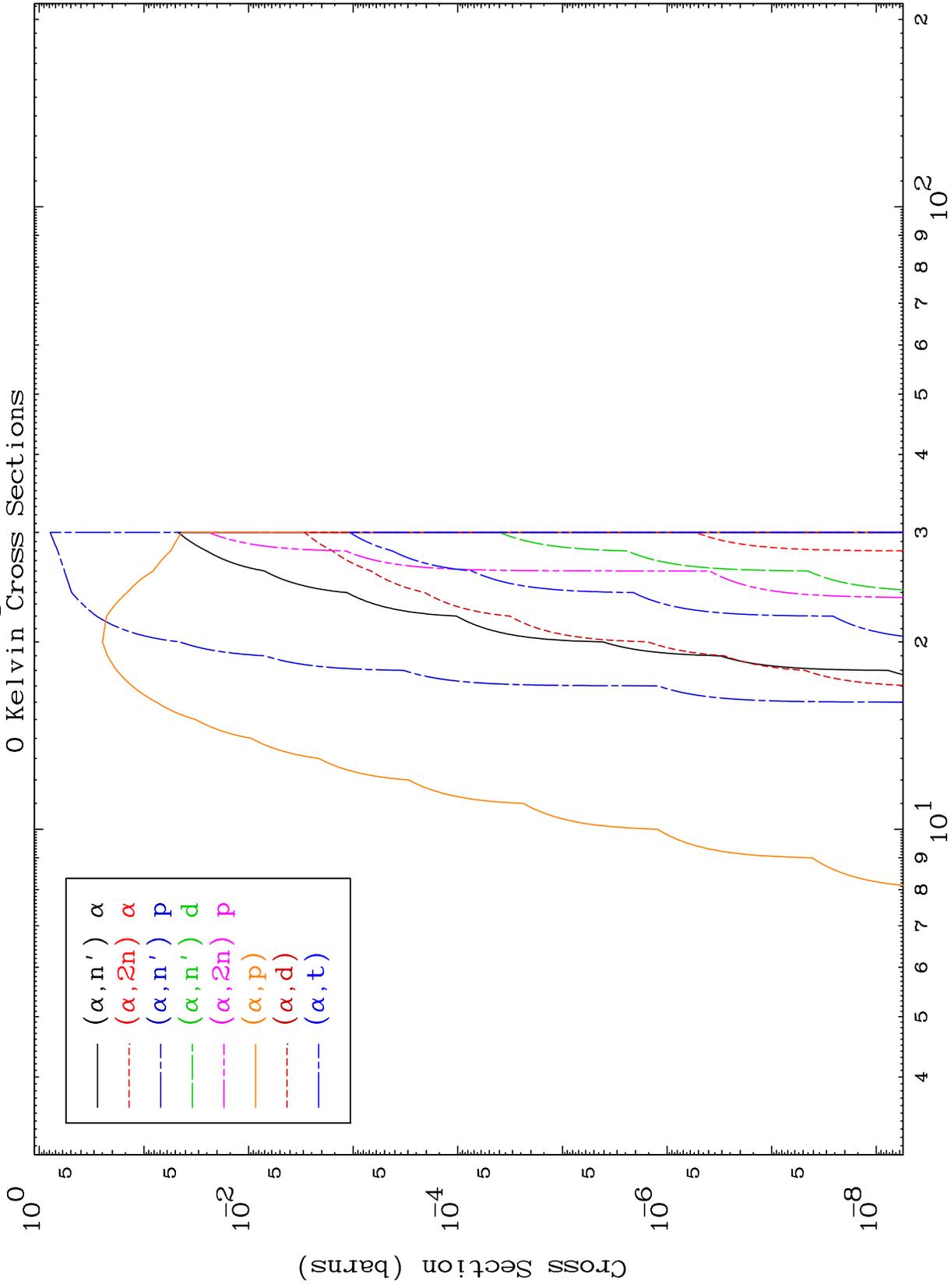


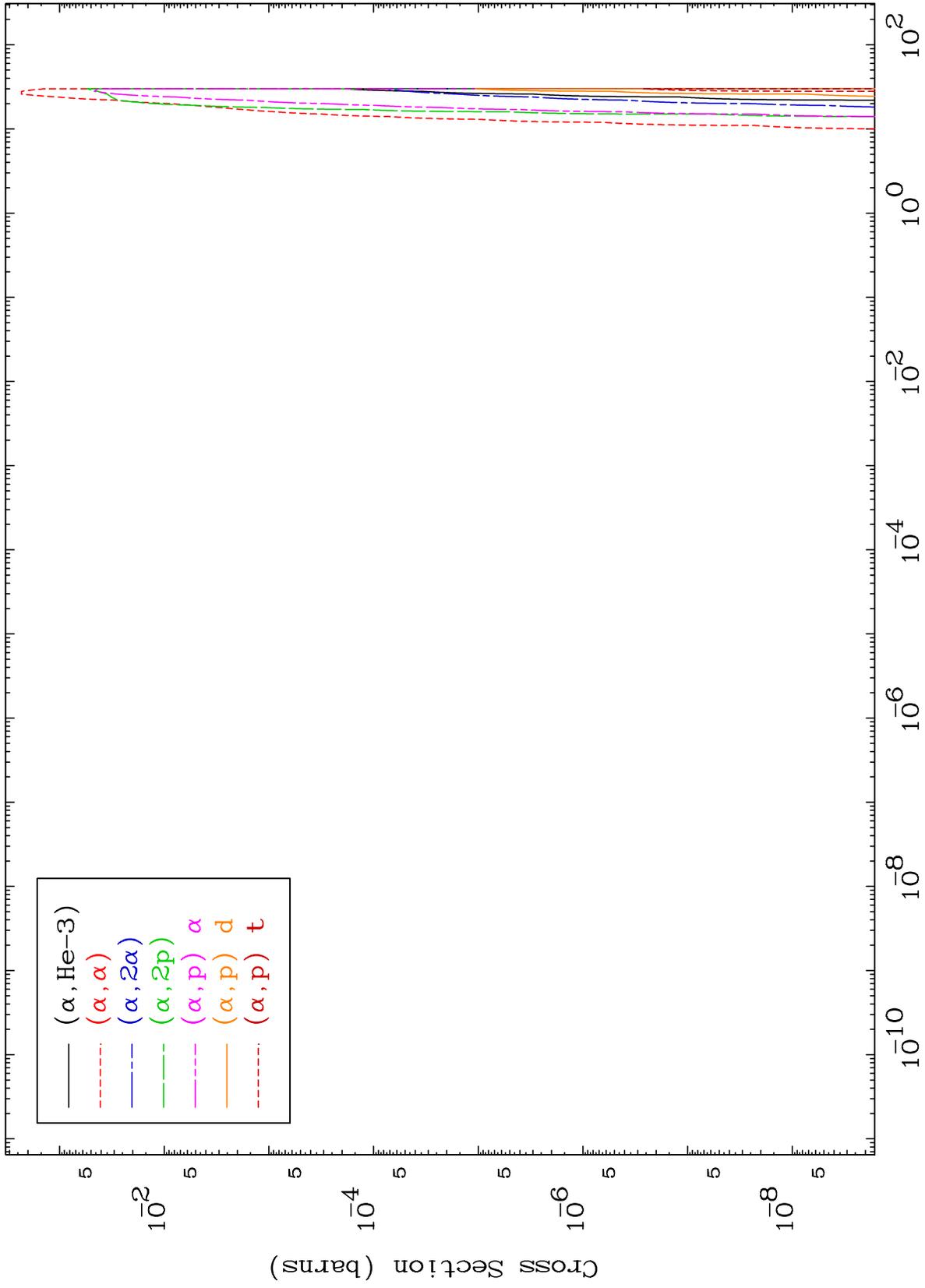
1

Incident Energy (MeV)

55-Cs-123



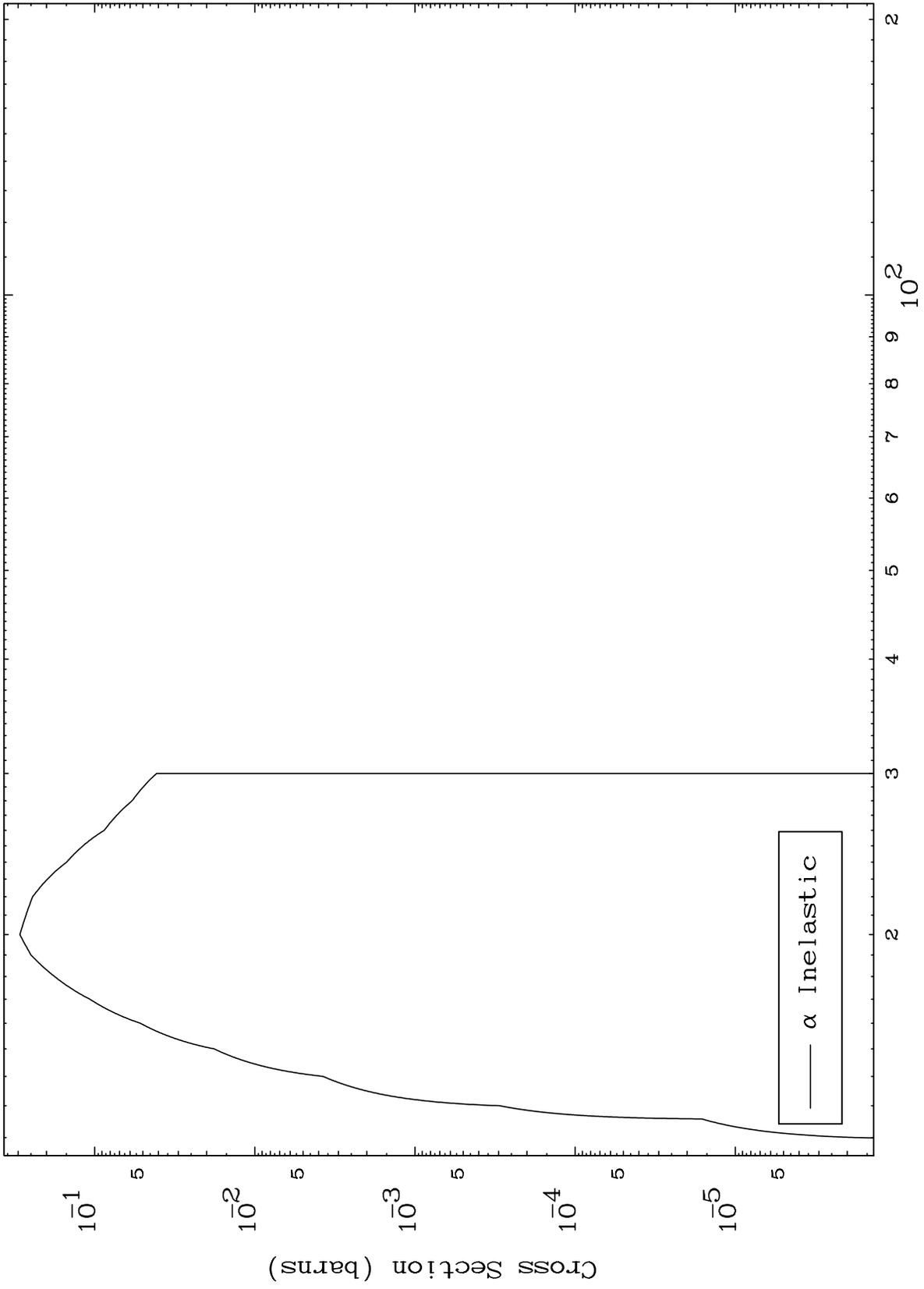




MAT 5496

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

55-Cs-123



—  $\alpha$  Inelastic

5

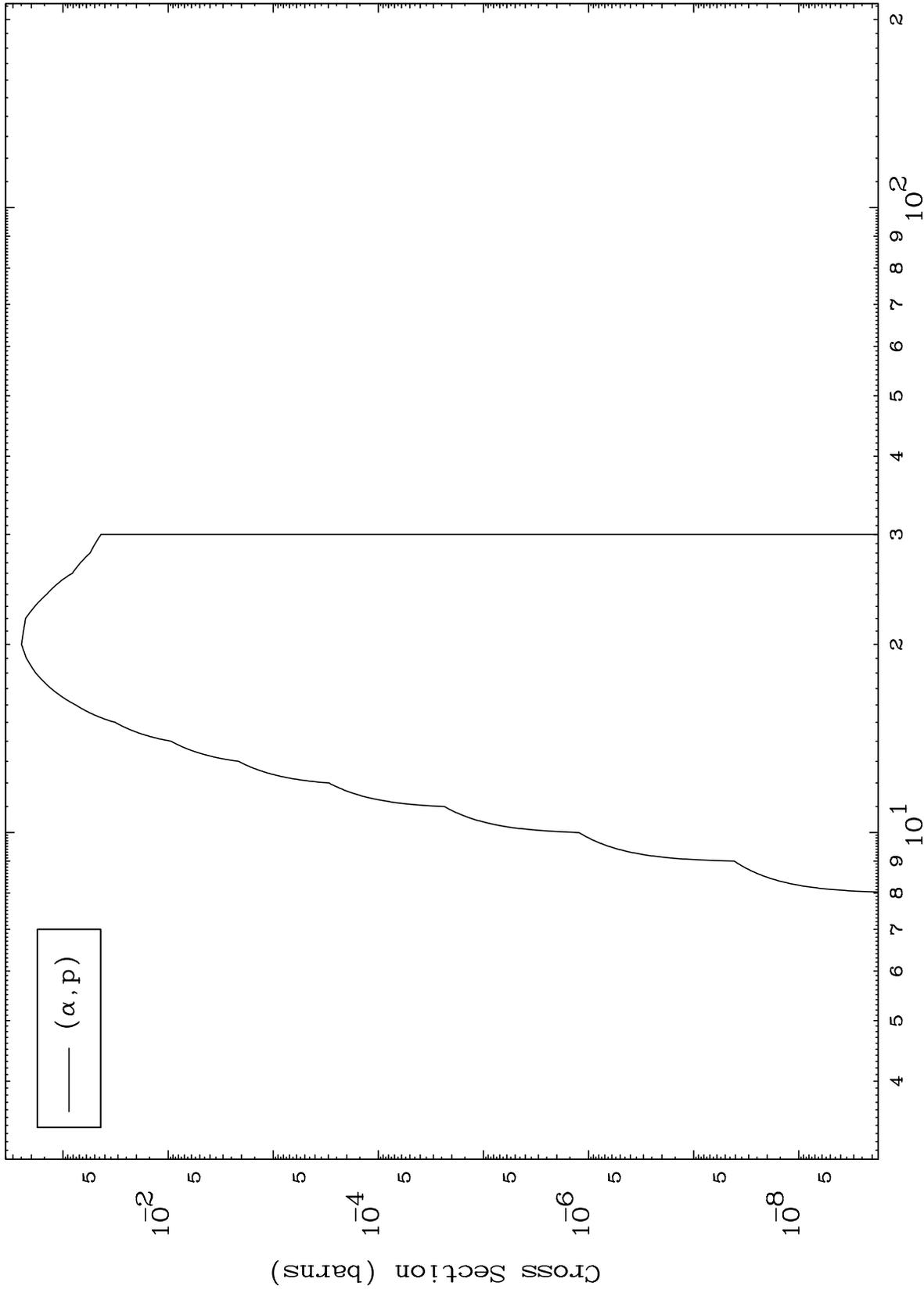
Incident Energy (MeV)

55-Cs-123

MAT 5496

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

55-Cs-123



6

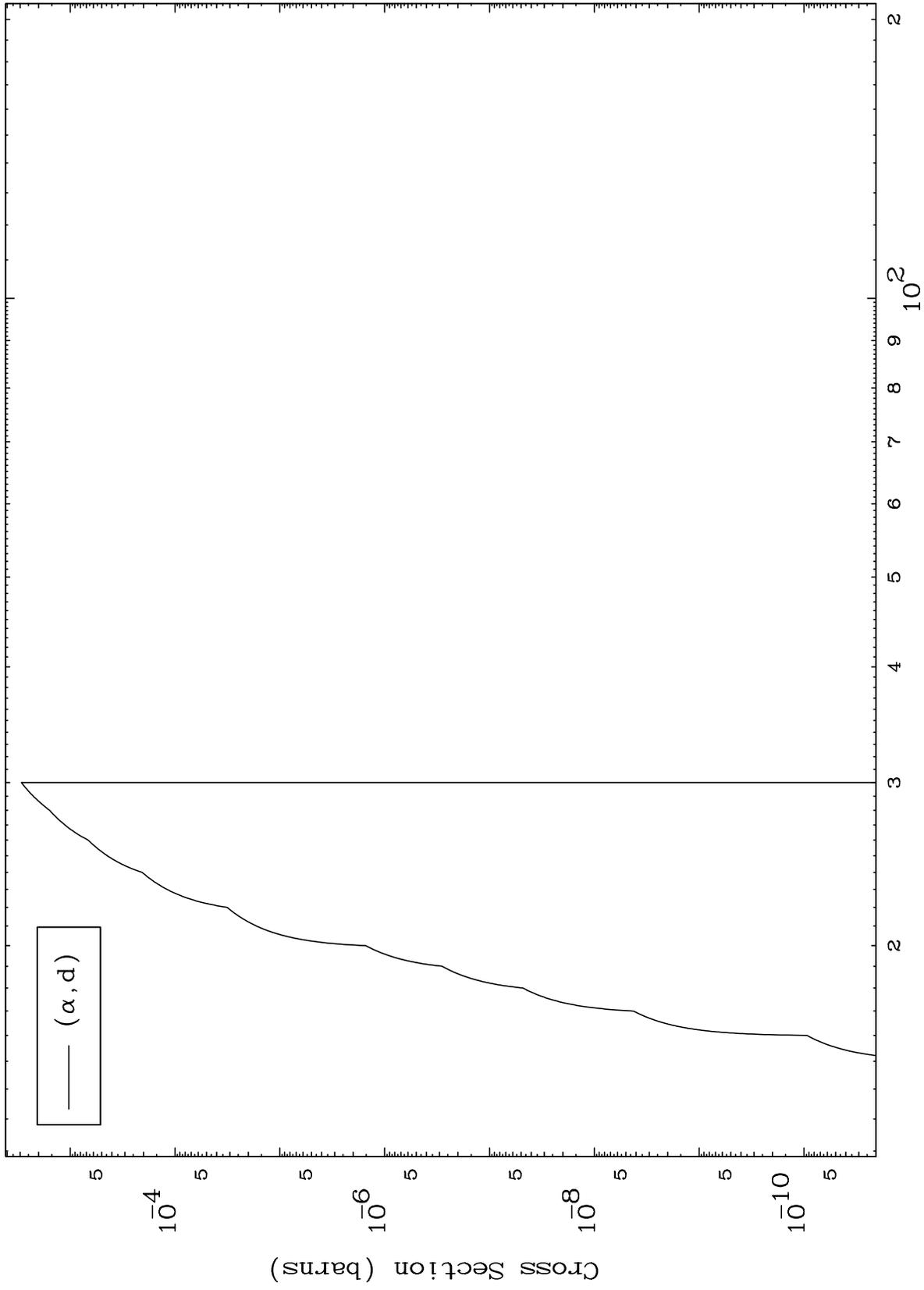
Incident Energy (MeV)

55-Cs-123

MAT 5496

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

55-Cs-123



7

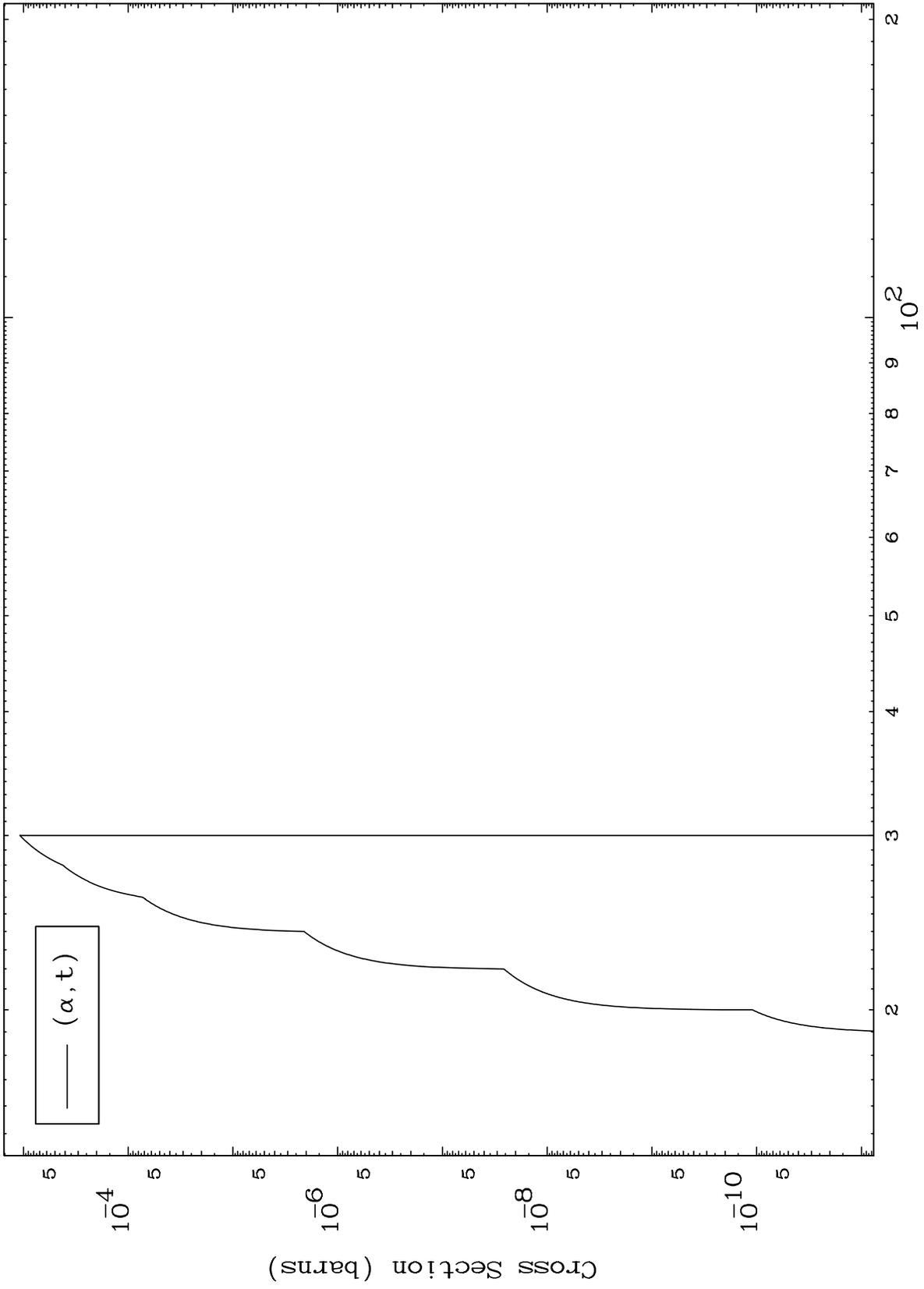
Incident Energy (MeV)

55-Cs-123

MAT 5496

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

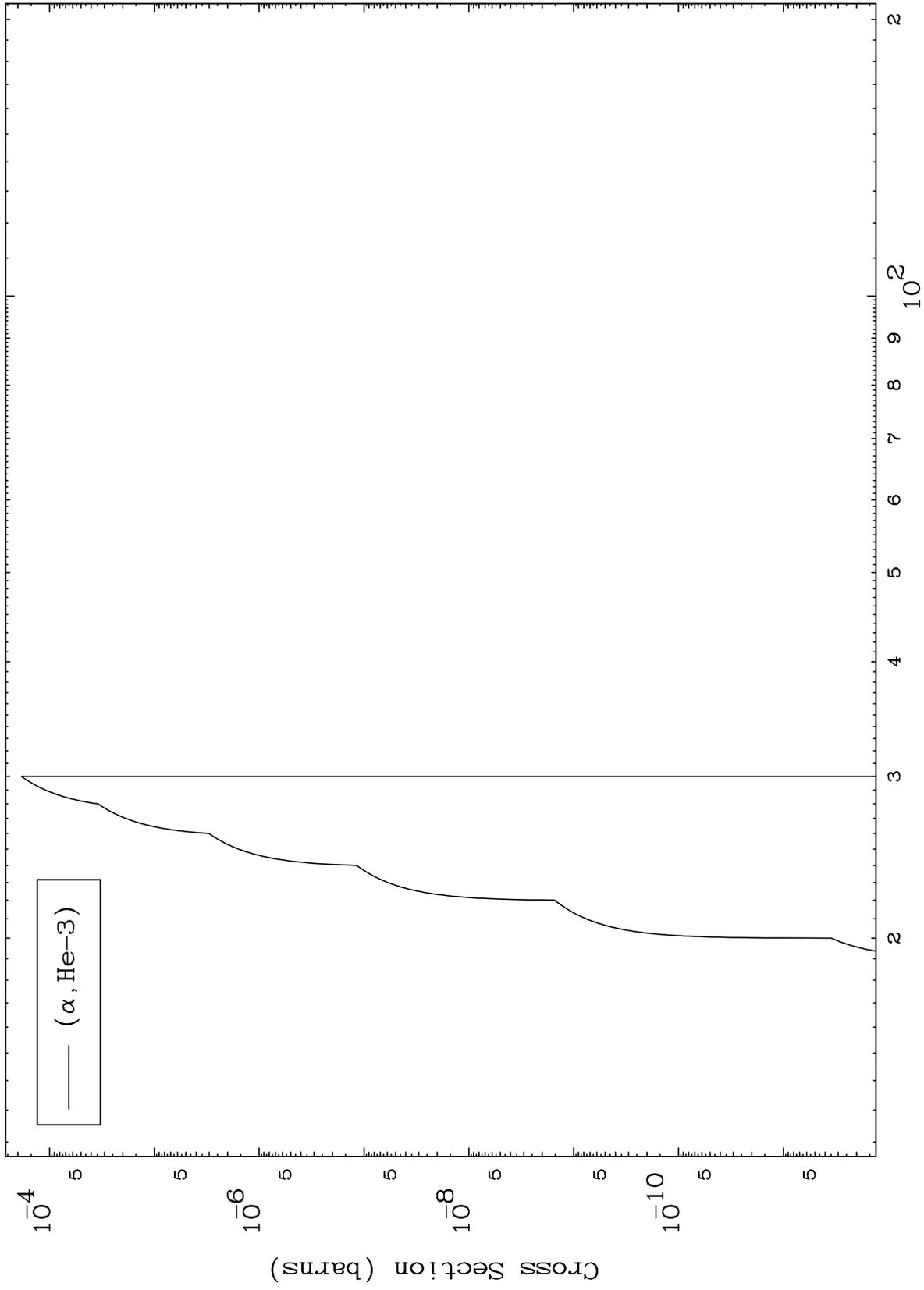
55-Cs-123



8

Incident Energy (MeV)

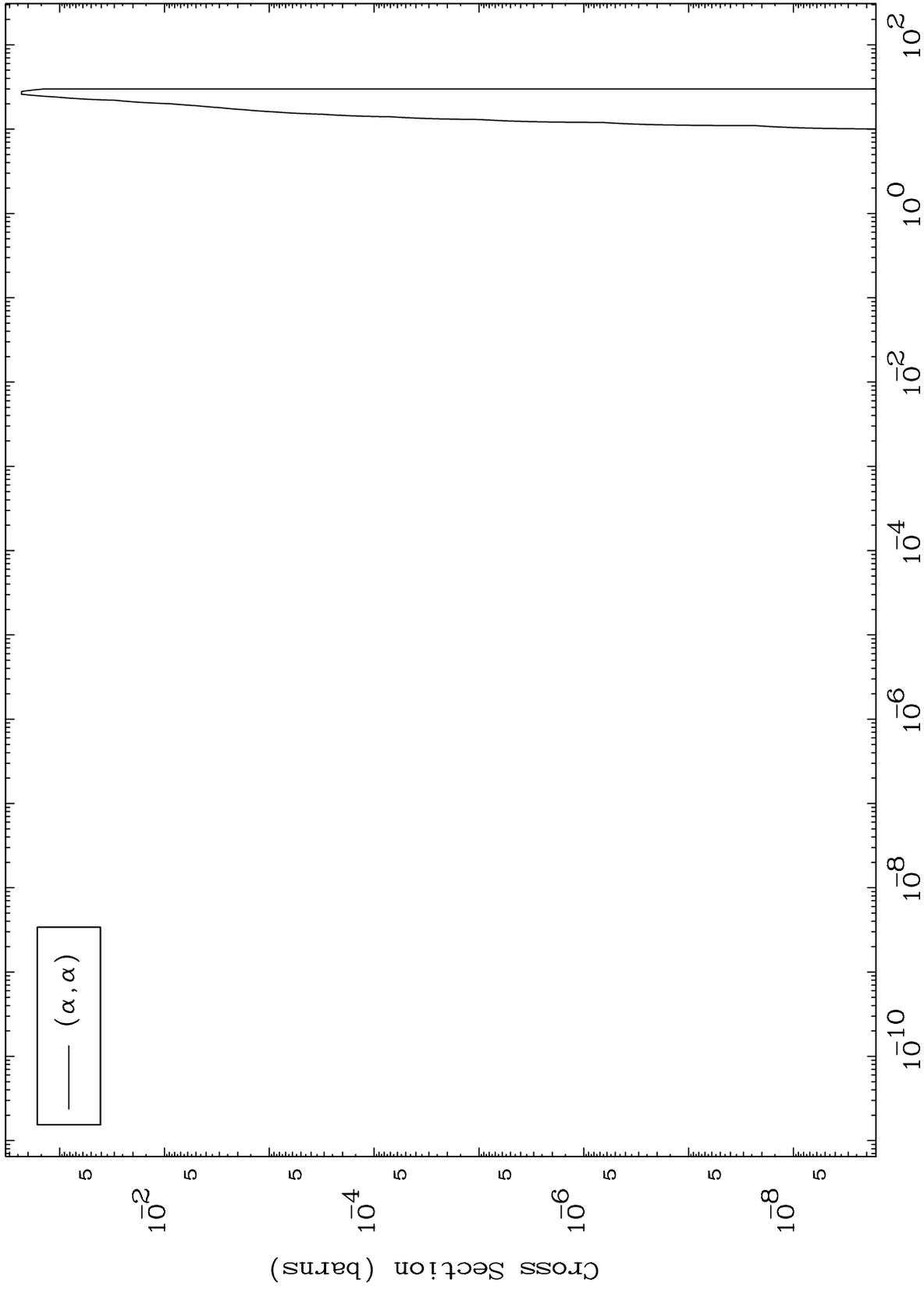
55-Cs-123



MAT 5496

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

55-Cs-123

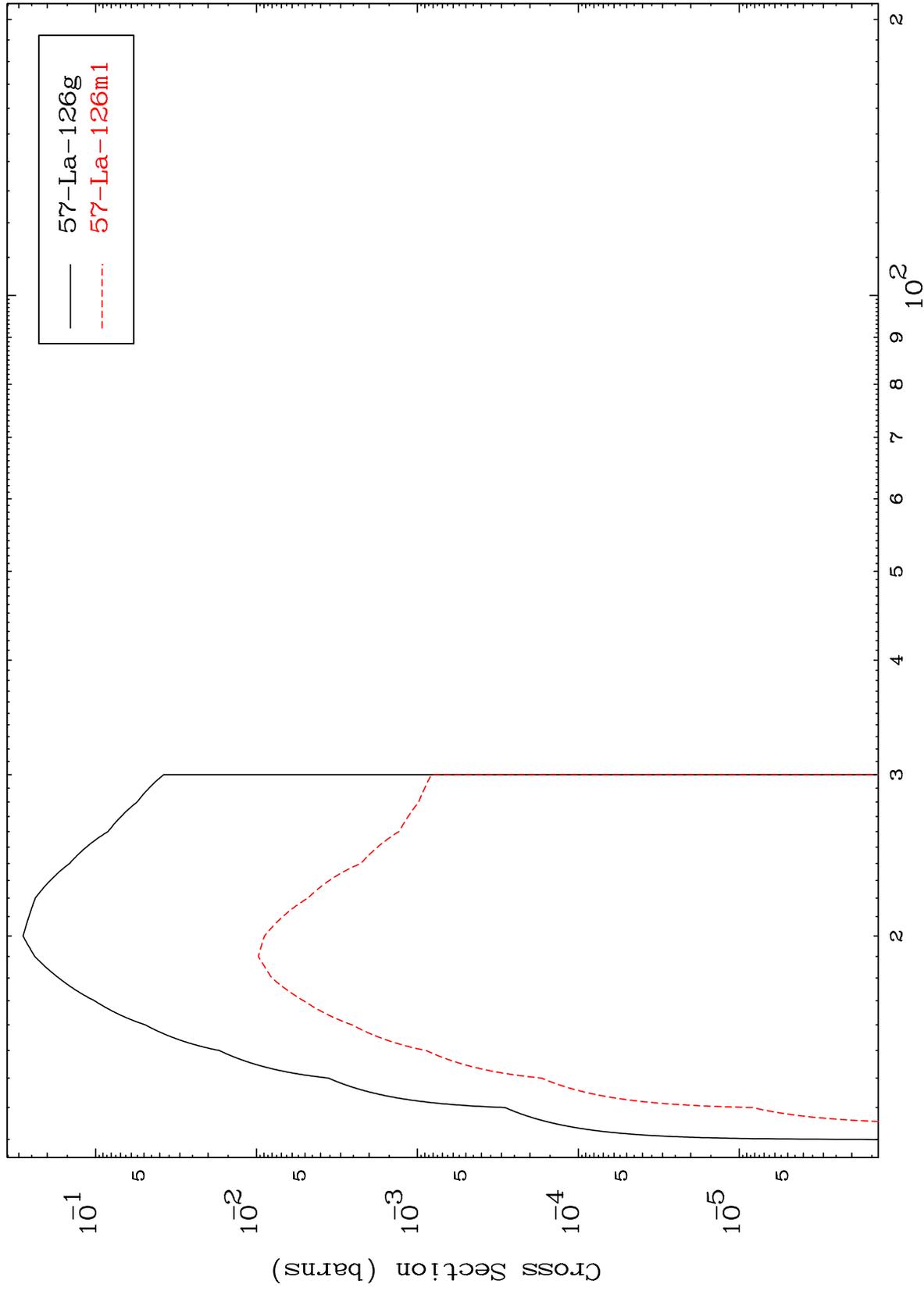


10

Incident Energy (MeV)

55-Cs-123

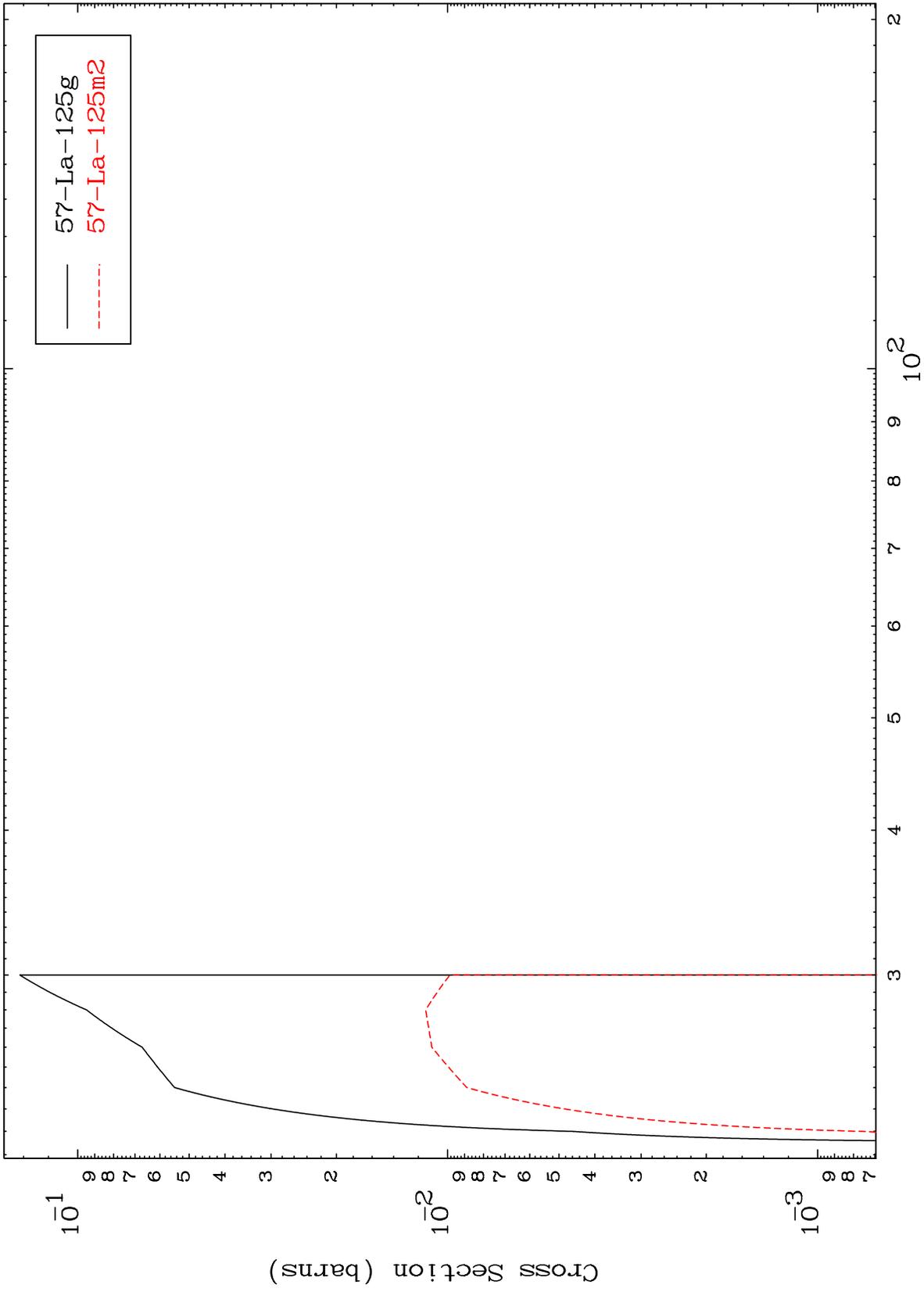
Radionuclide Production Cross Section



MAT 5496

55-Cs-123

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



12

Incident Energy (MeV)

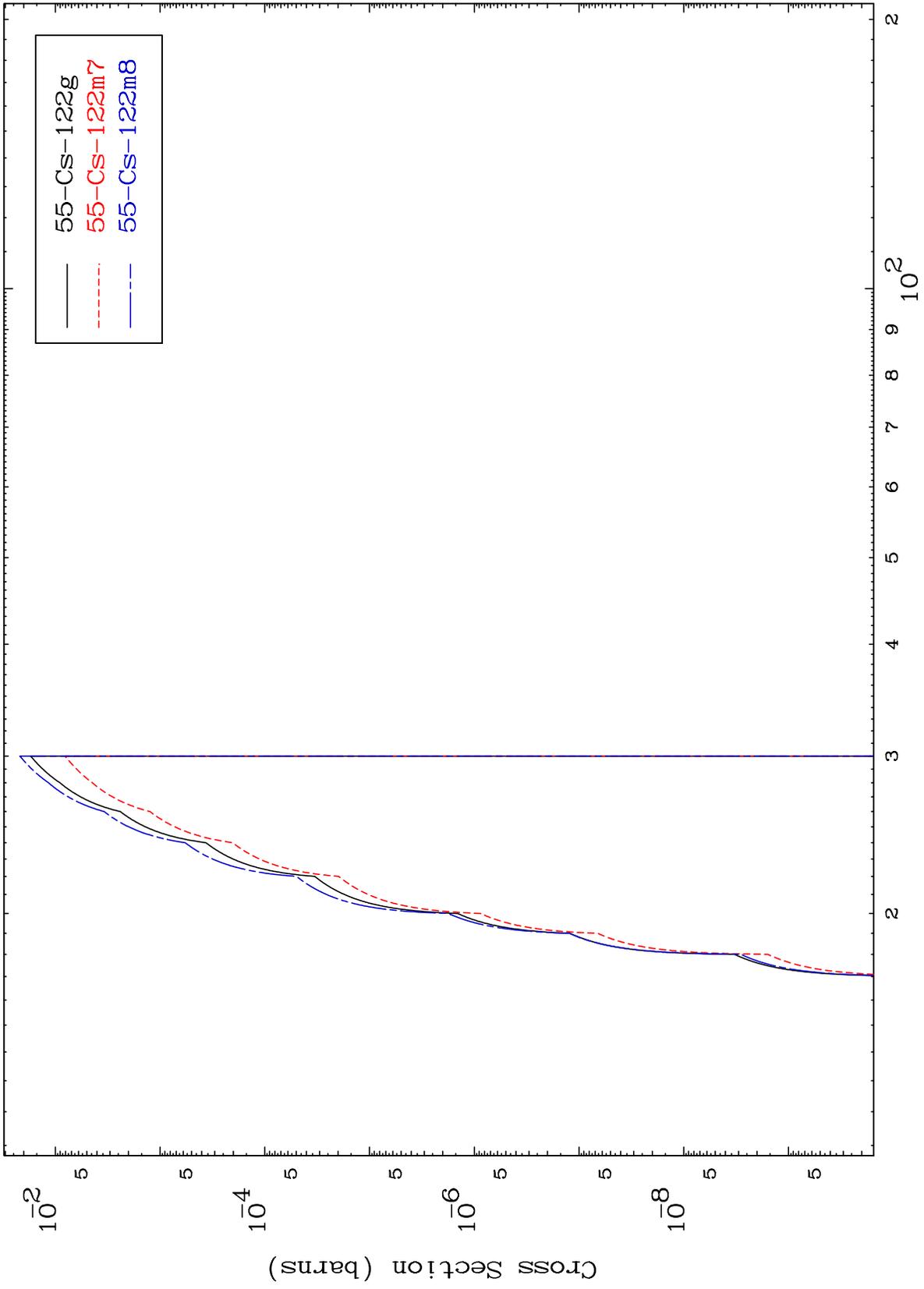
55-Cs-123

MAT 5496

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

55-Cs-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

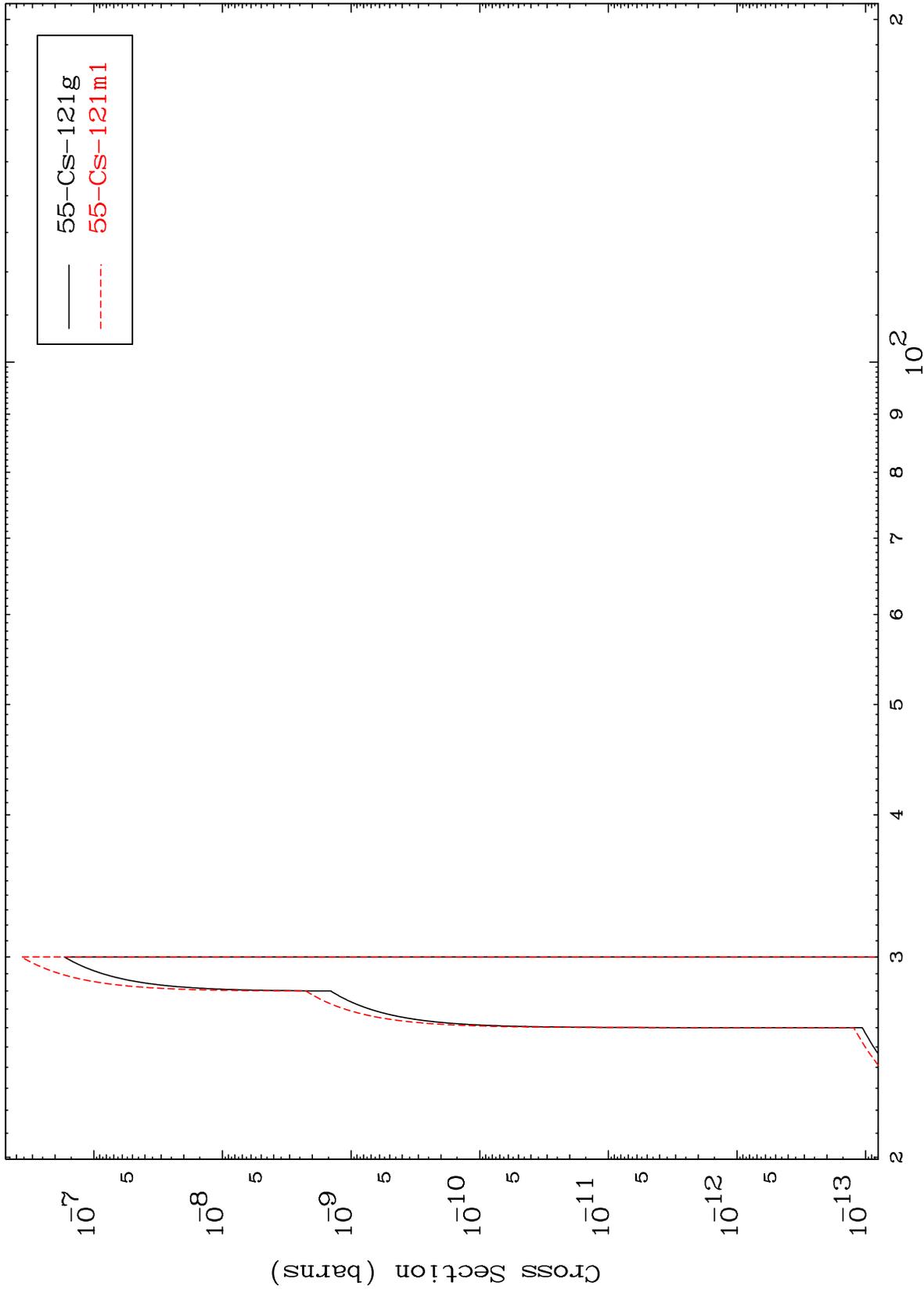
55-Cs-123

MAT 5496

$(\alpha, 2n) \alpha$

55-Cs-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

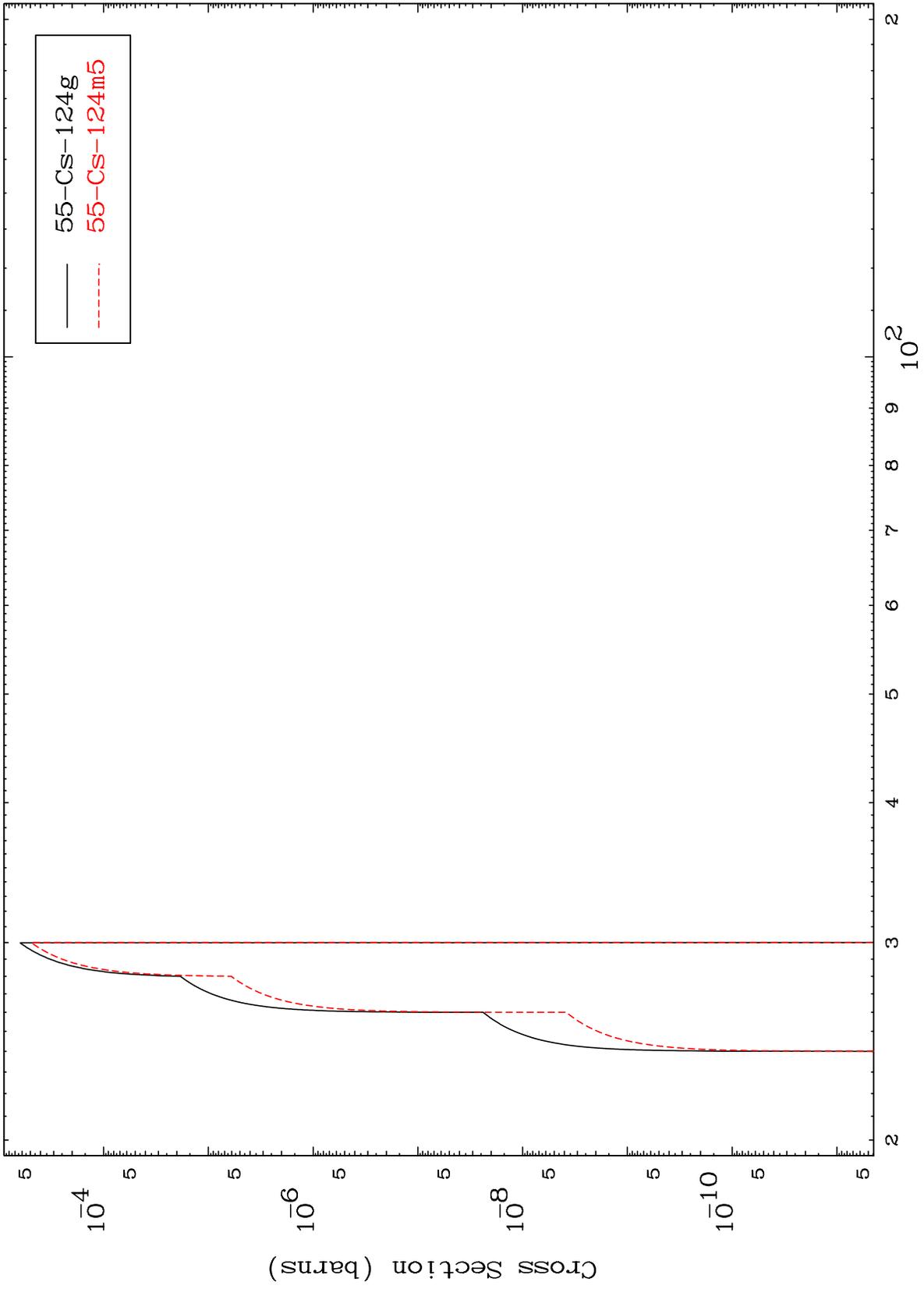
55-Cs-123

MAT 5496

( $\alpha, 2n$ ) p

55-Cs-123

Radionuclide Production Cross Section



15

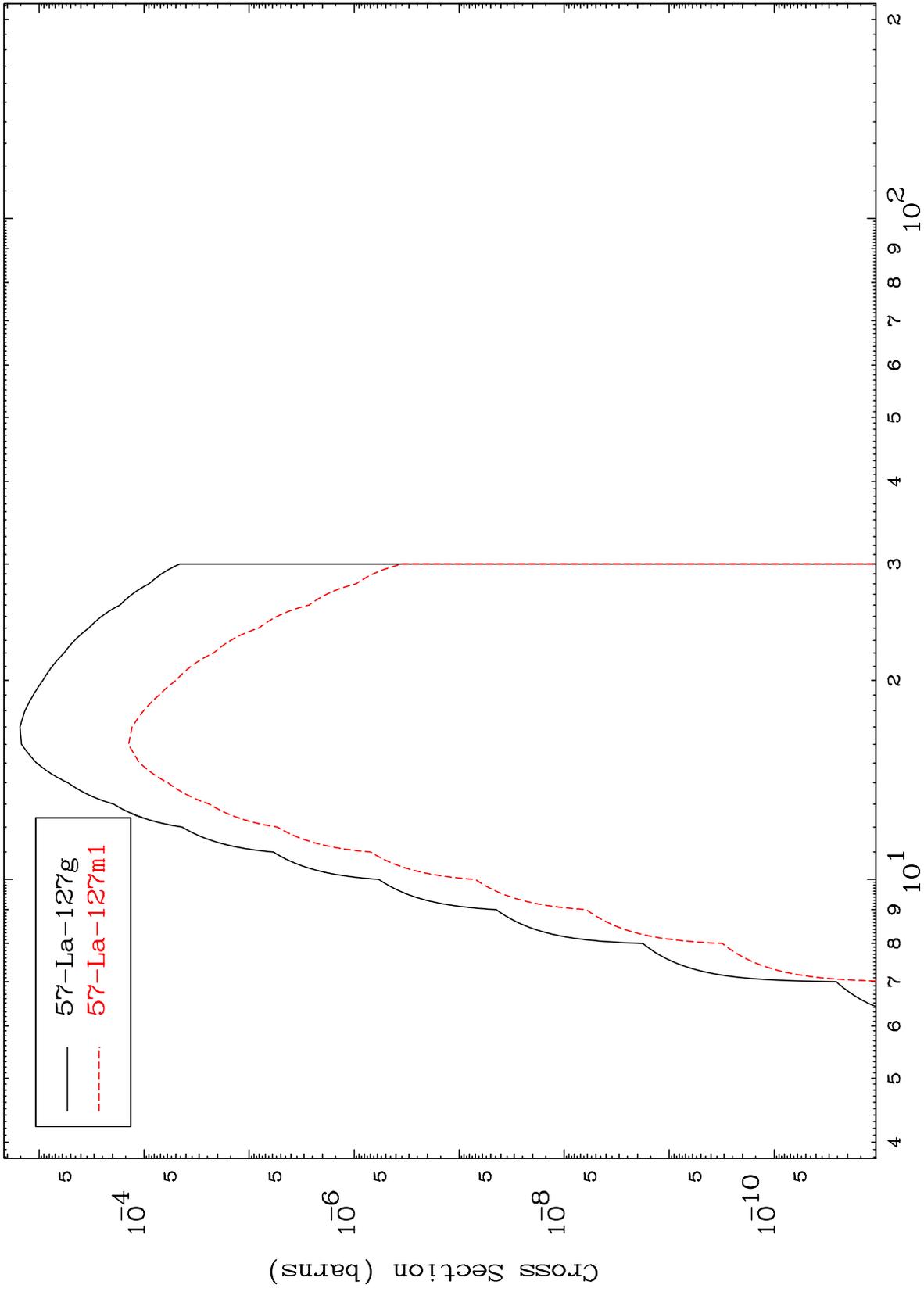
Incident Energy (MeV)

55-Cs-123

MAT 5496

55-Cs-123

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



16

Incident Energy (MeV)

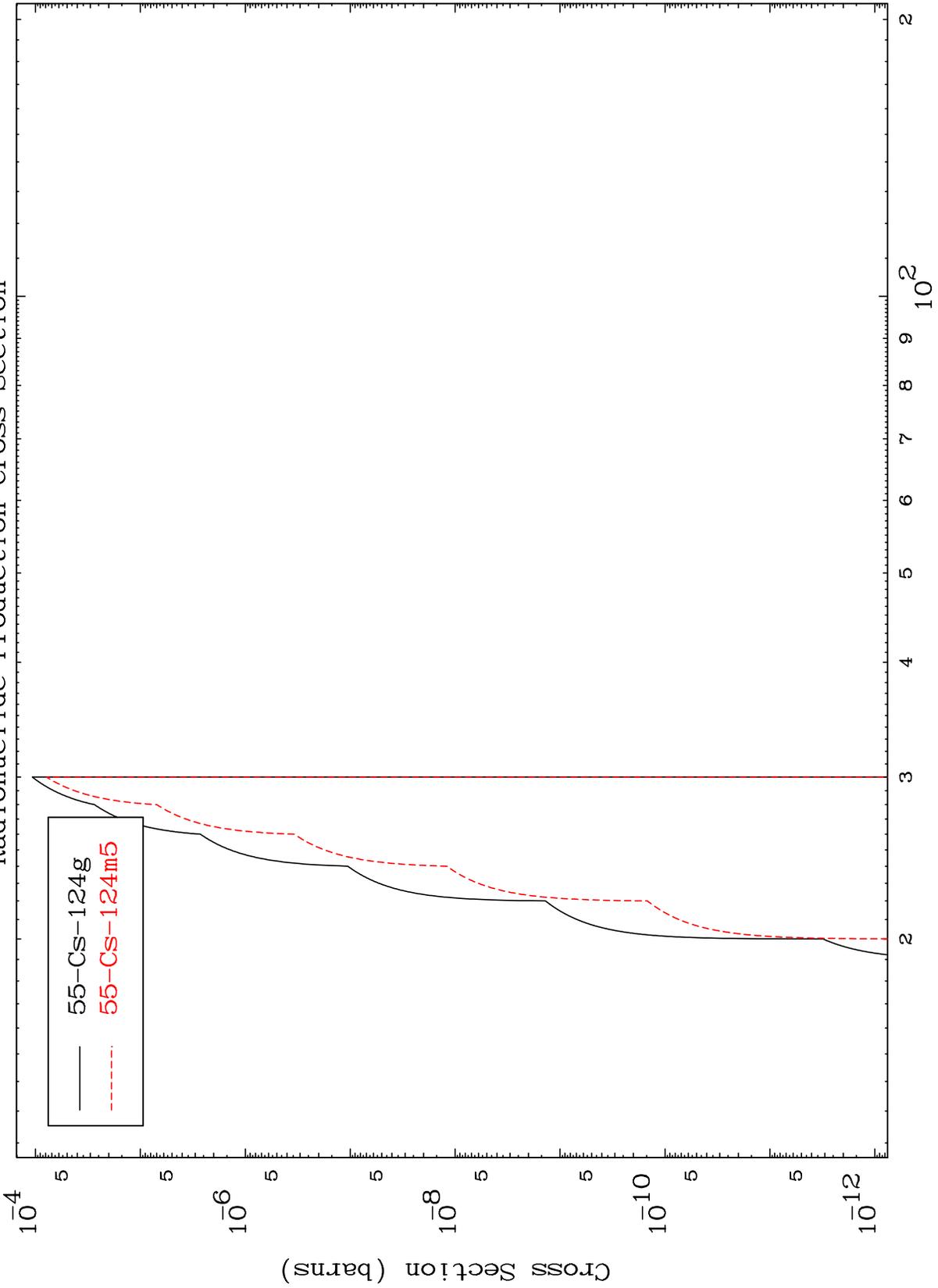
55-Cs-123

MAT 5496

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

55-Cs-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

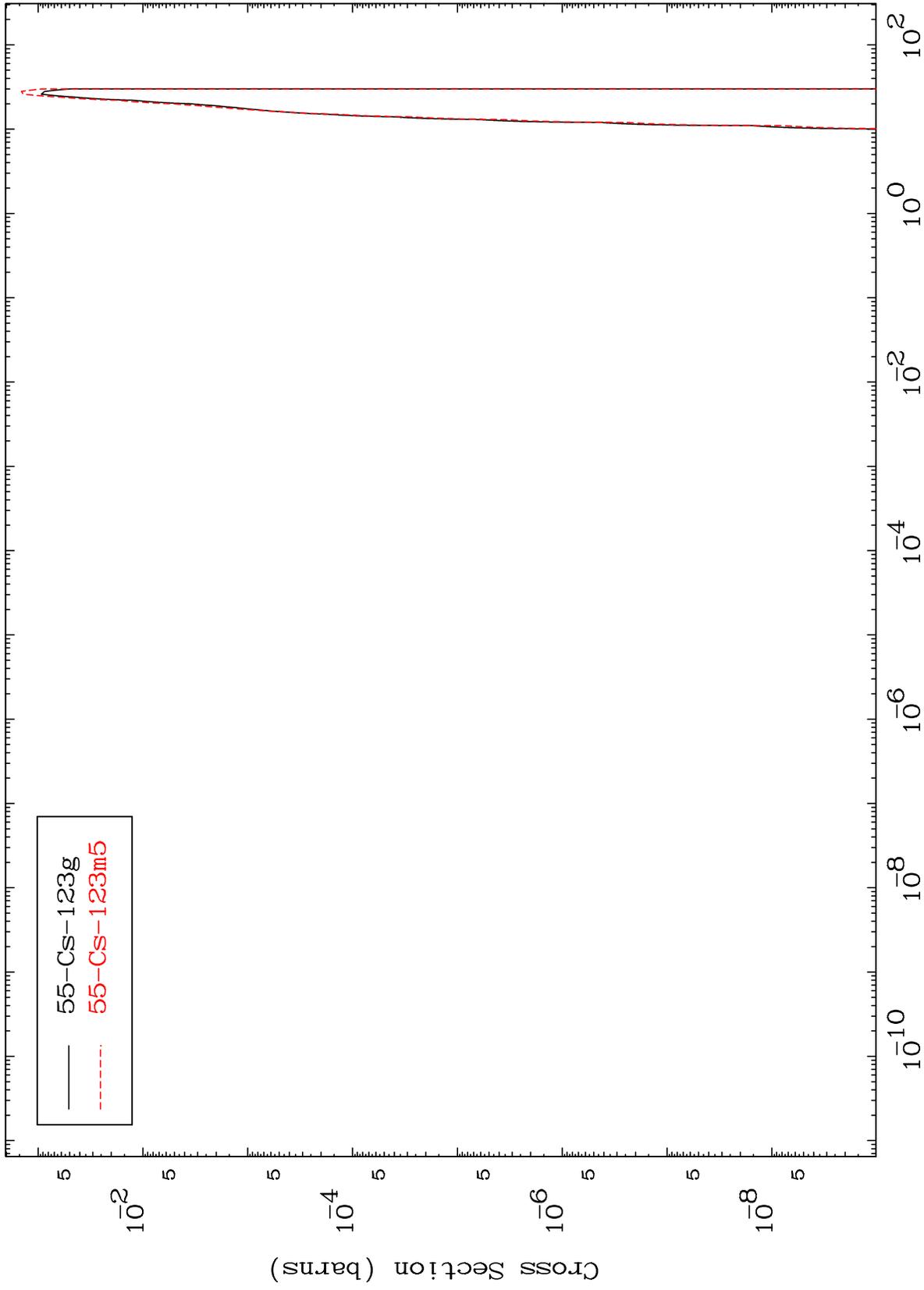
55-Cs-123

MAT 5496

( $\alpha, \alpha$ )

55-Cs-123

Radionuclide Production Cross Section

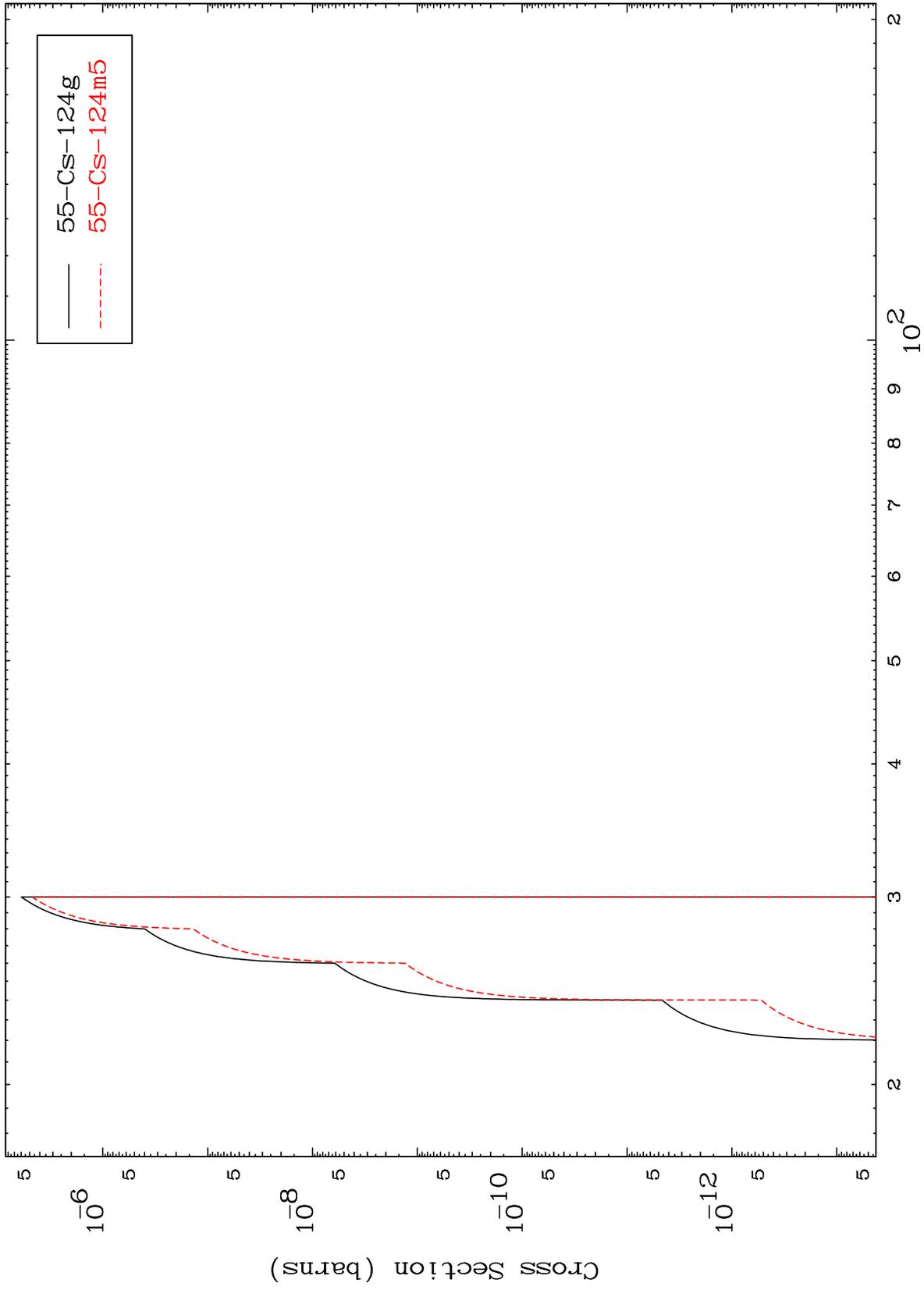


MAT 5496

( $\alpha, p$ ) d

55-Cs-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

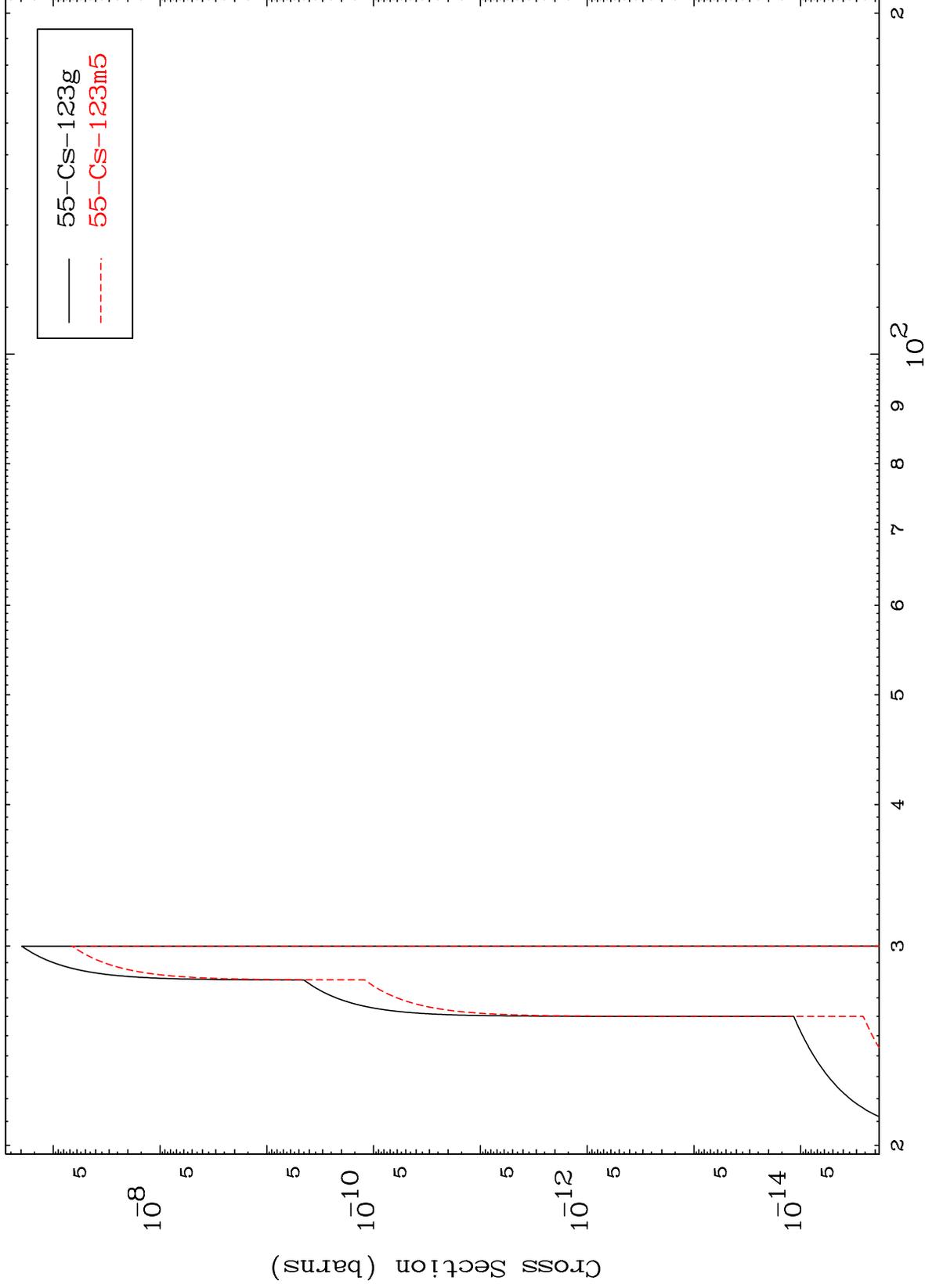
55-Cs-123

MAT 5496

( $\alpha, p$ ) t

55-Cs-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-123