

Program EVALPLOT  
(Version 2018-1)

by

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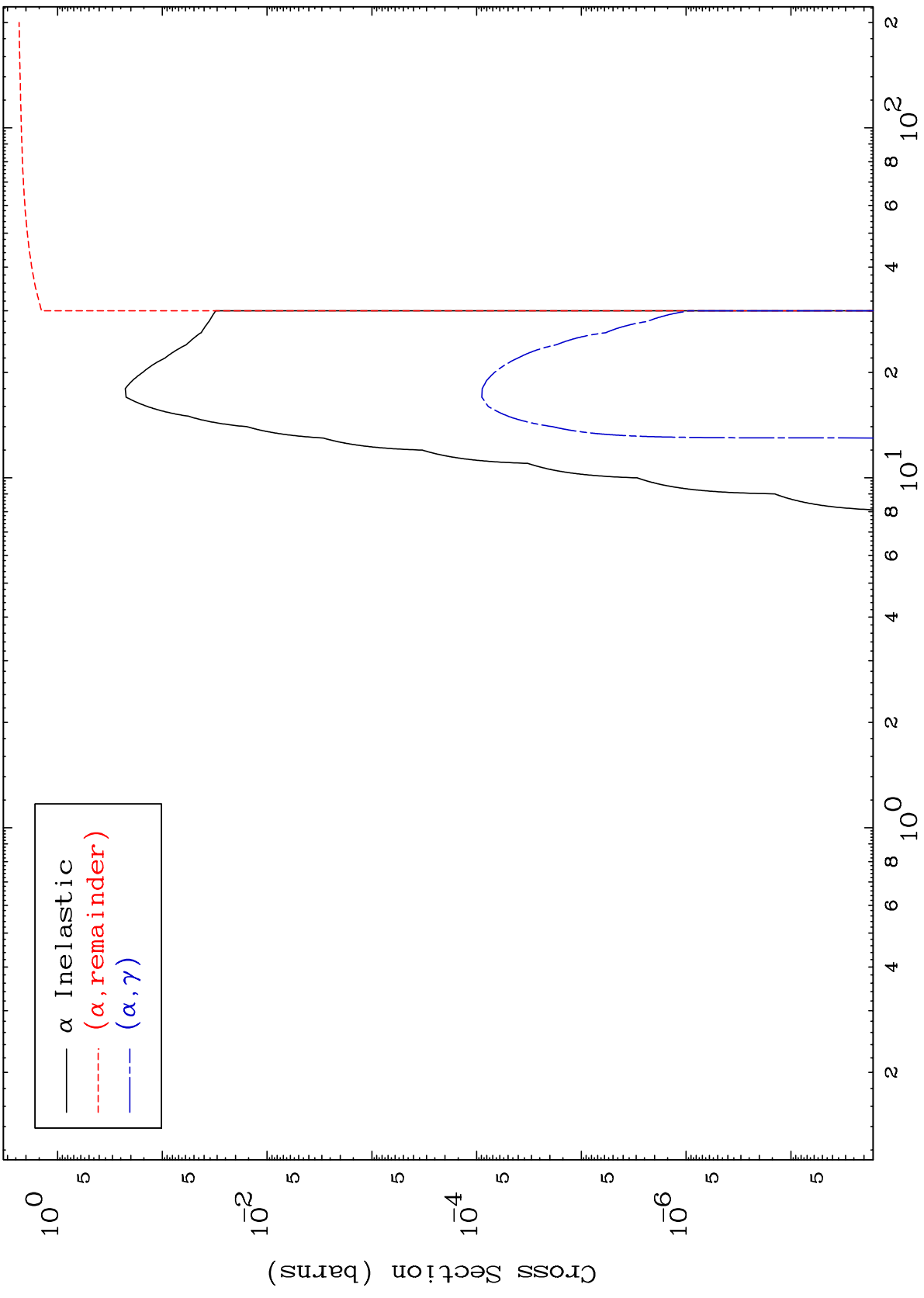
Press Mouse Button to Start

MAT 5640

$\alpha$  Major

56-Ba-135

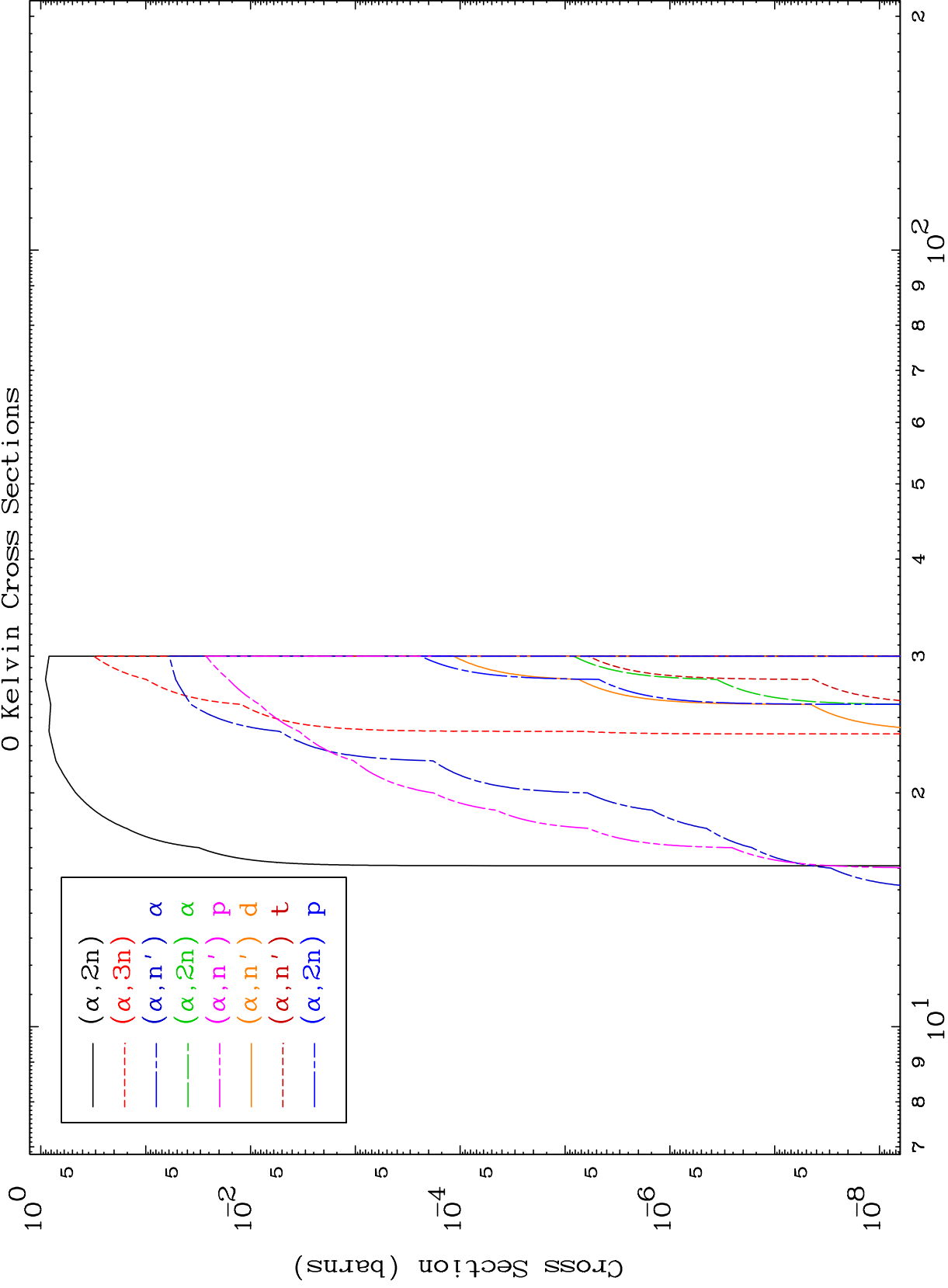
0 Kelvin Cross Sections



MAT 5640

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

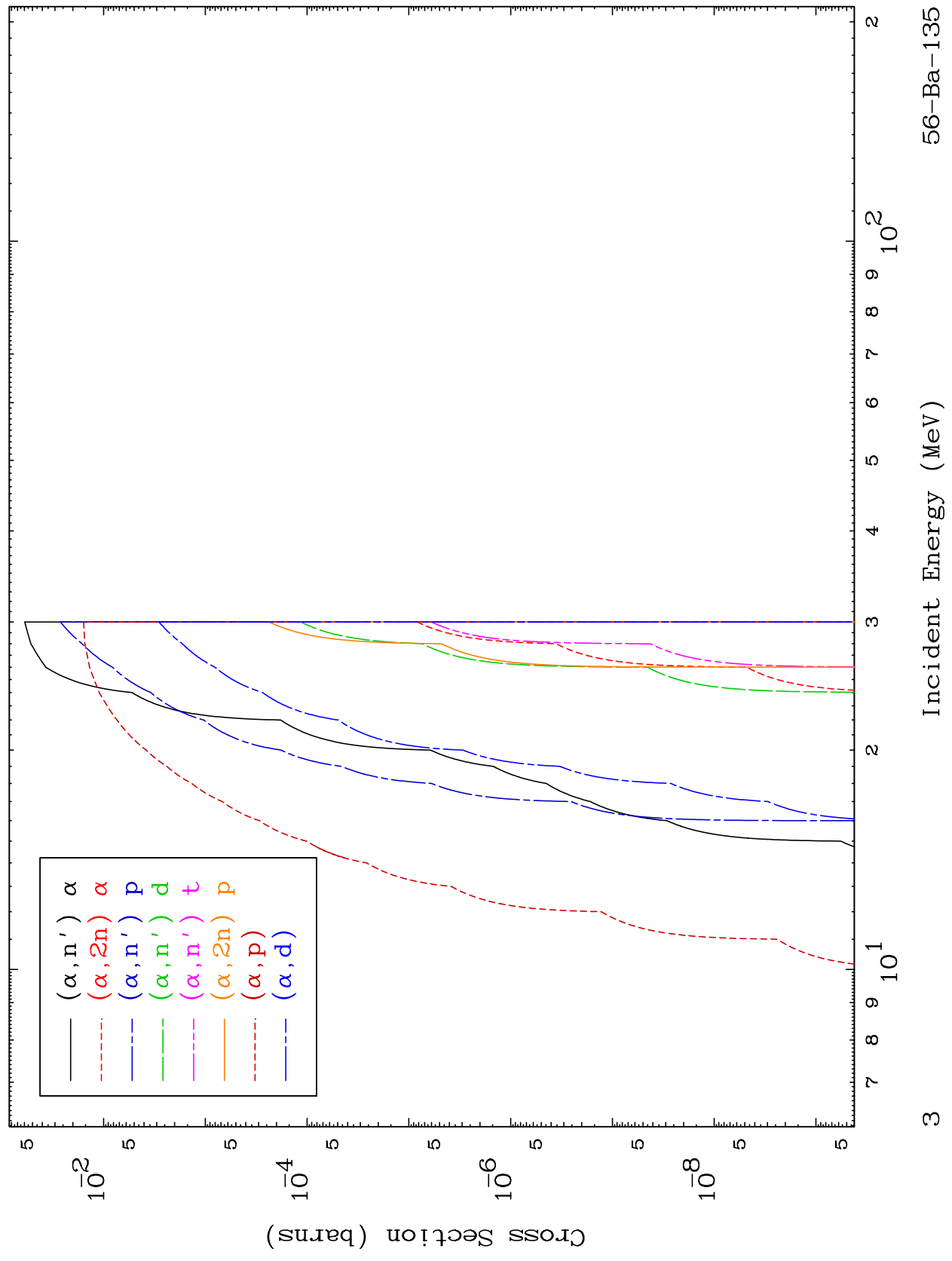
56-Ba-135



2

Incident Energy (MeV)

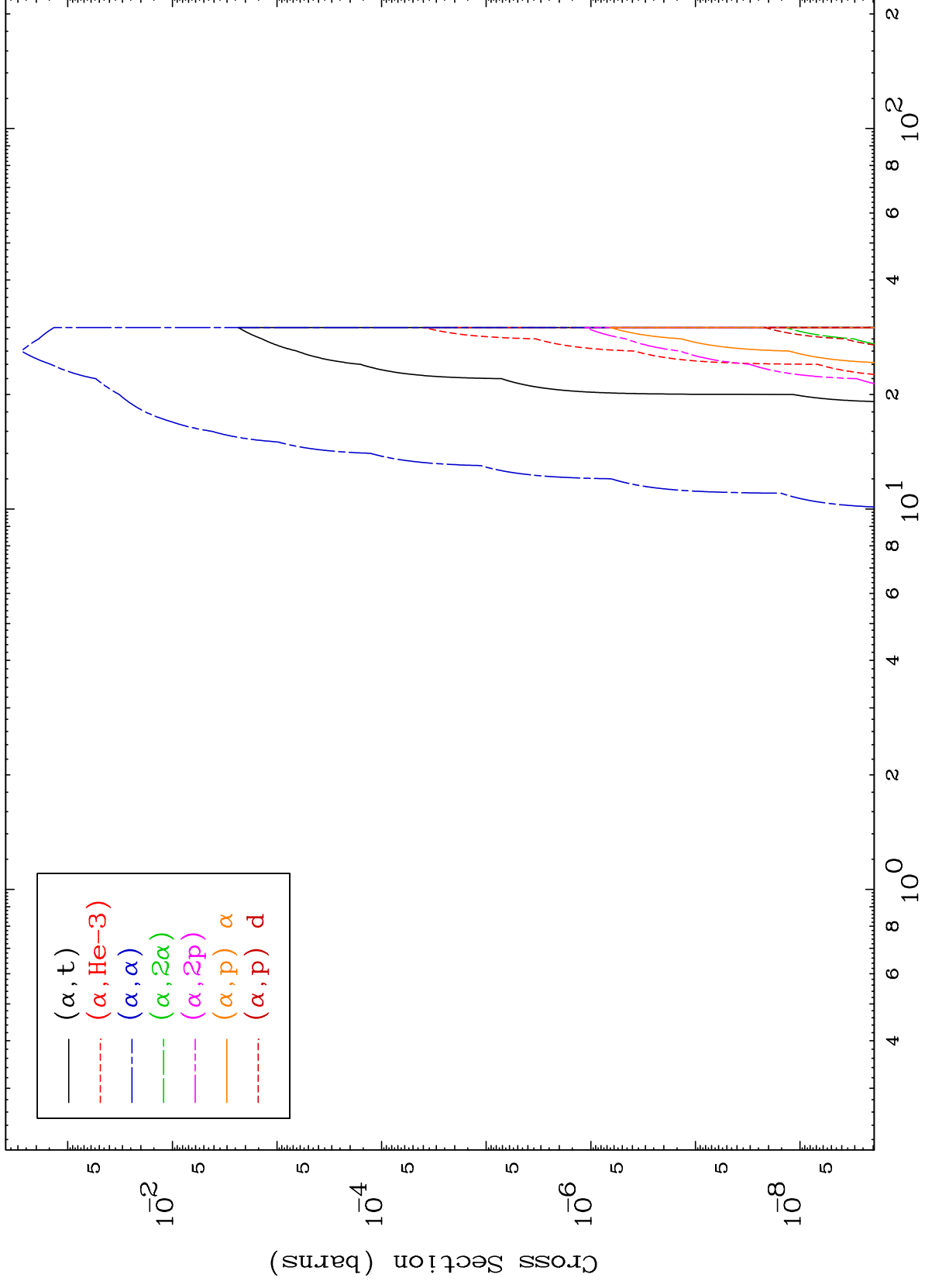
56-Ba-135



MAT 5640

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

56-Ba-135

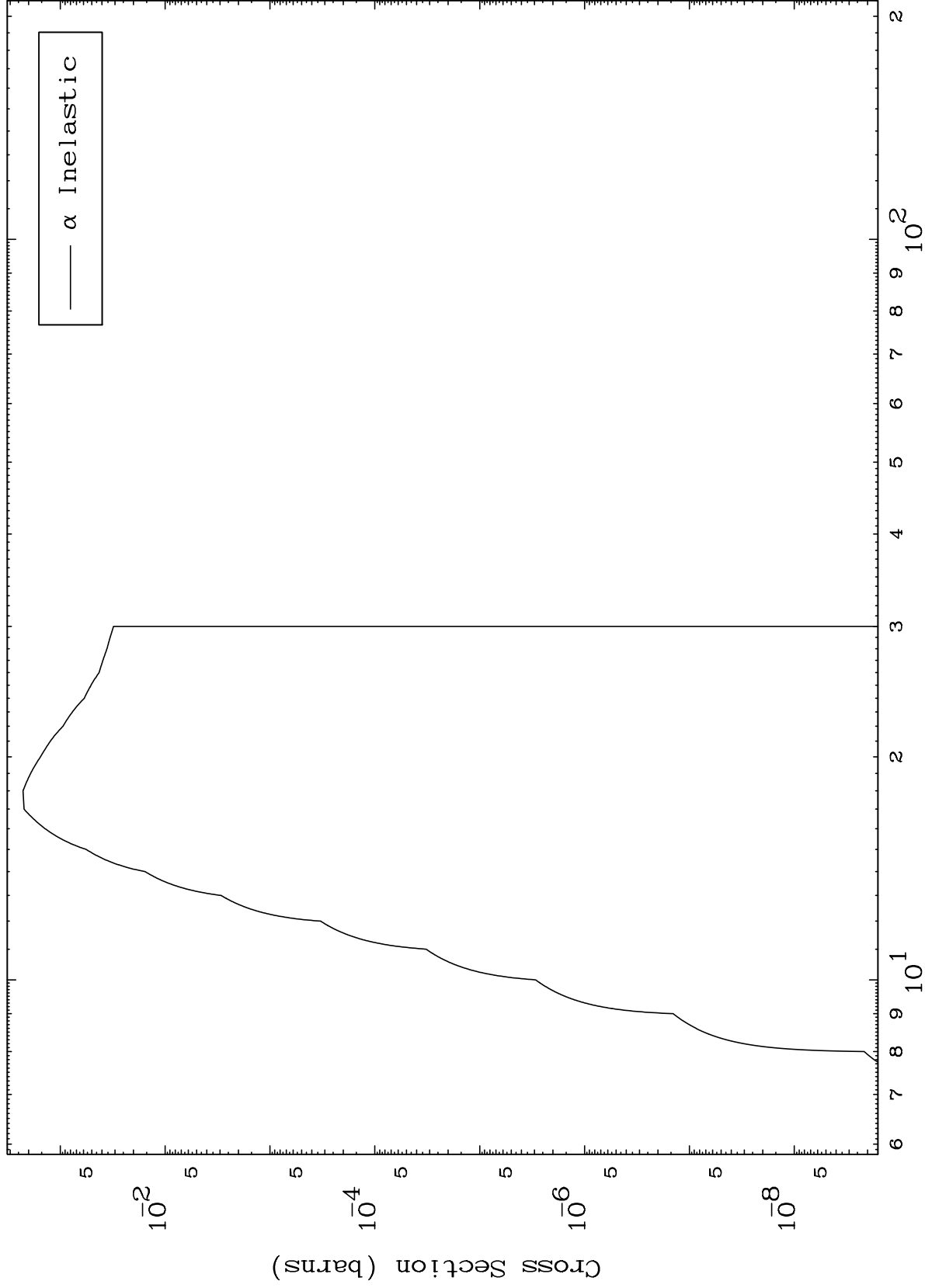


MAT 5640

( $\alpha, n'$ ) Level

56-Ba-135

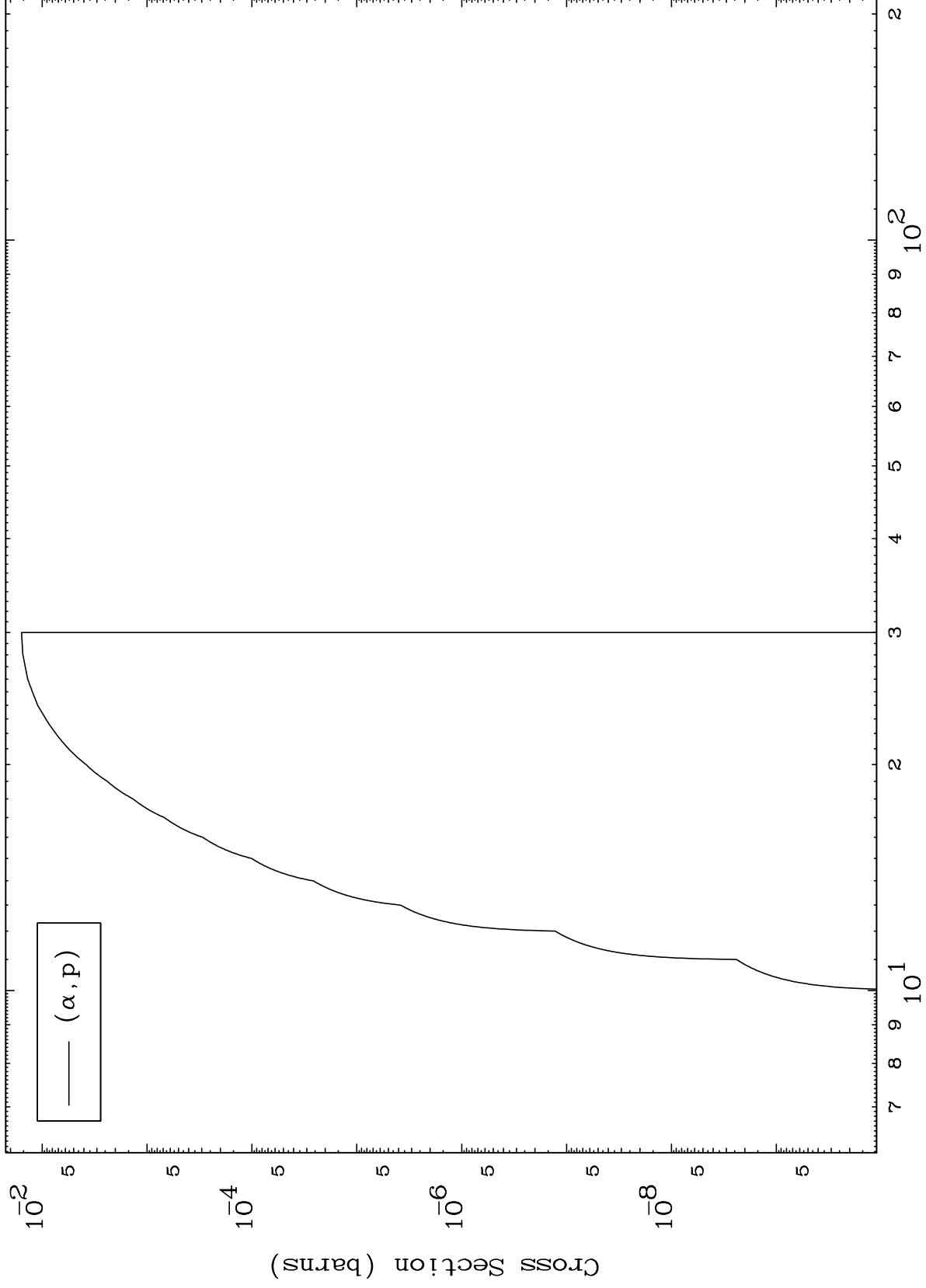
0 Kelvin Cross Sections



MAT 5640

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

56-Ba-135



6

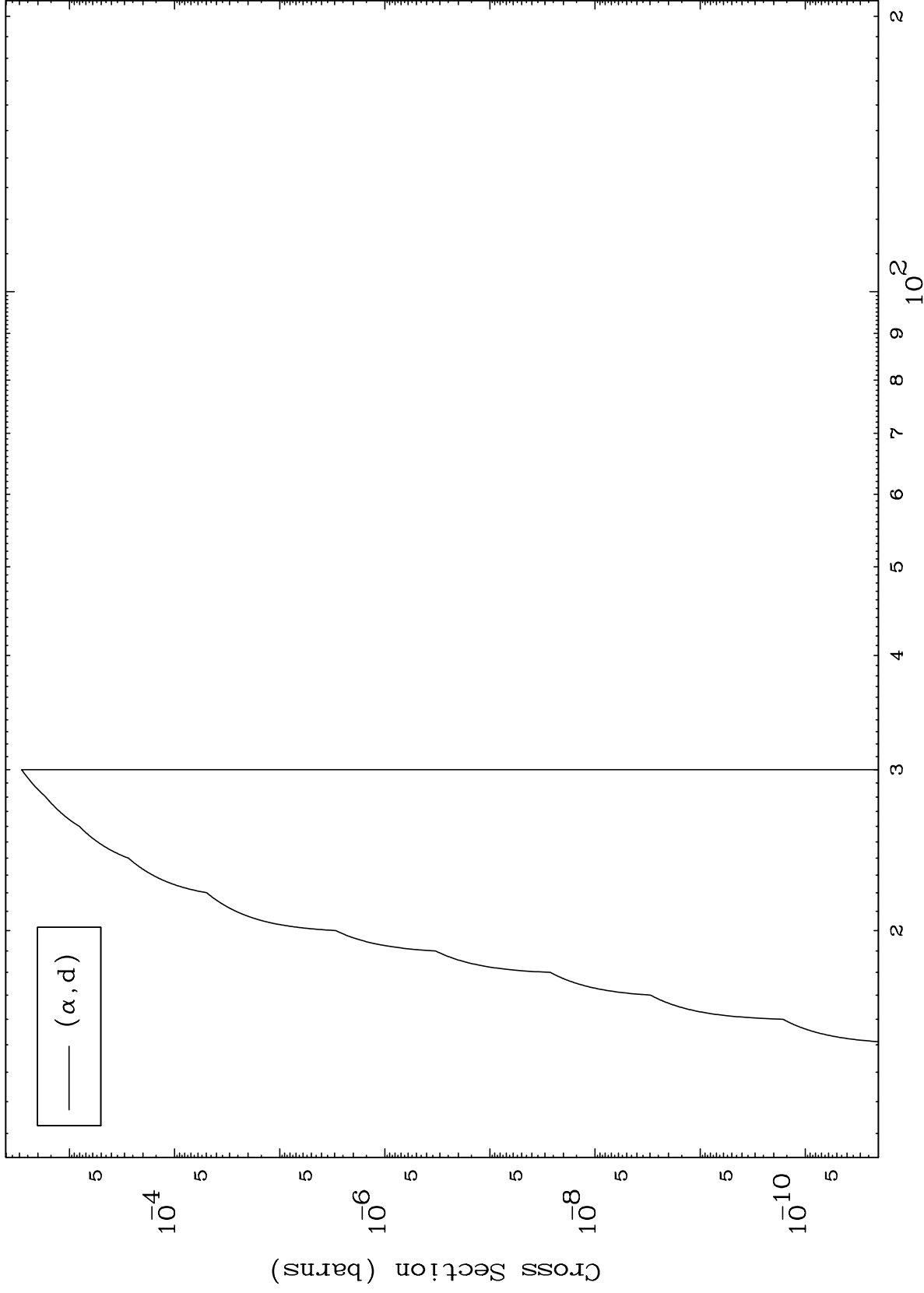
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

56-Ba-135



7

Incident Energy (MeV)

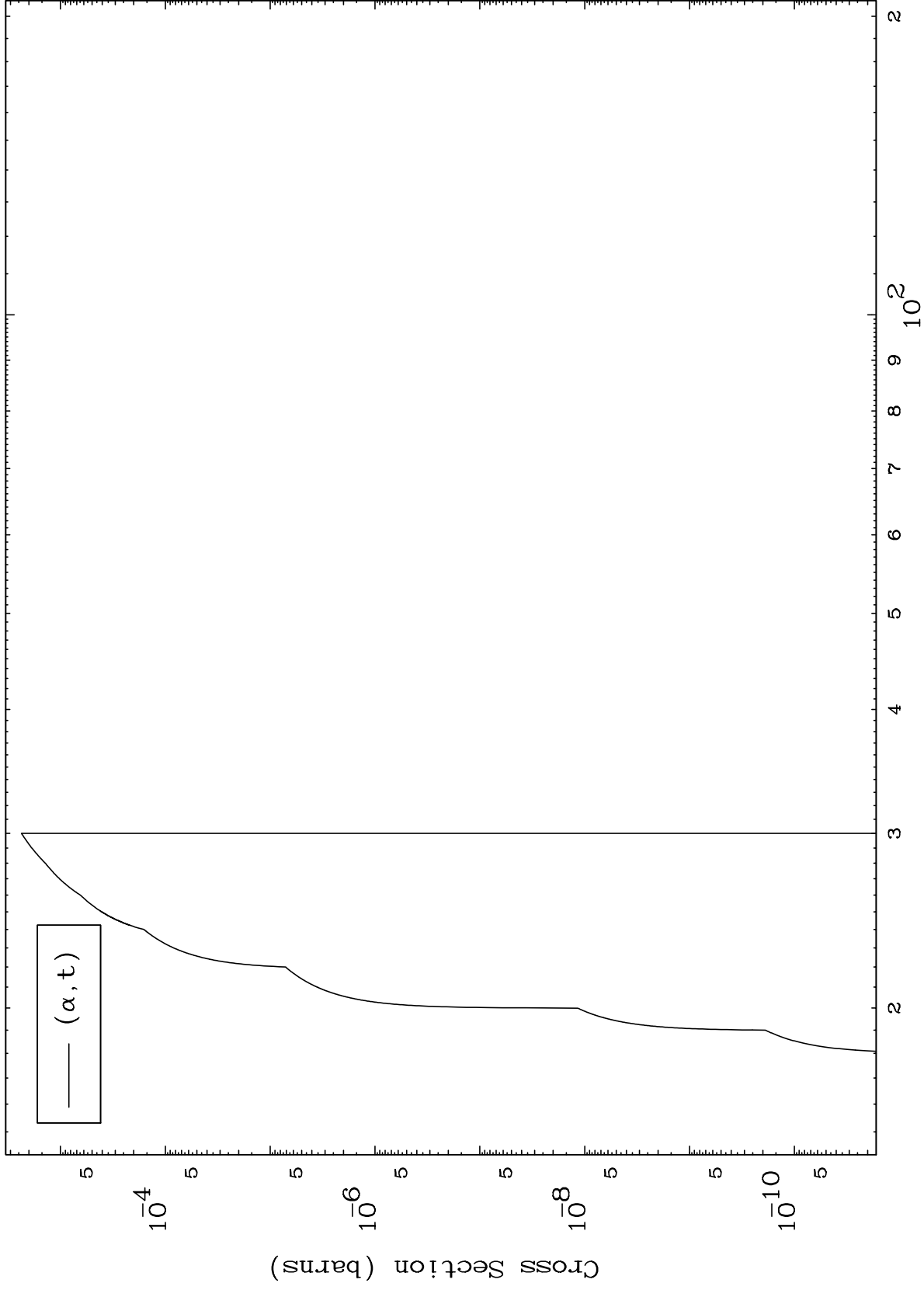
56-Ba-135



MAT 5640

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

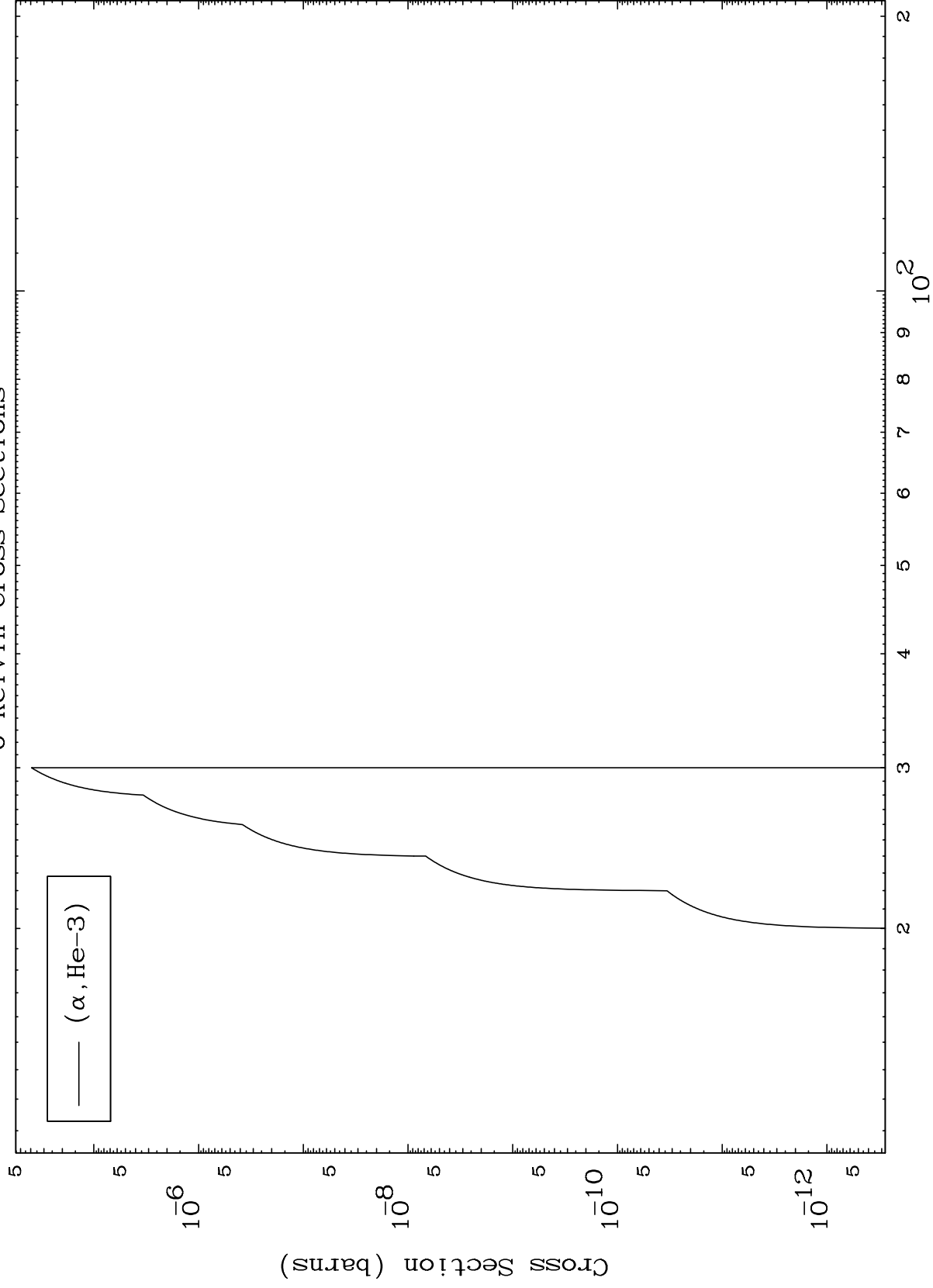
56-Ba-135



MAT 5640

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

56-Ba-135

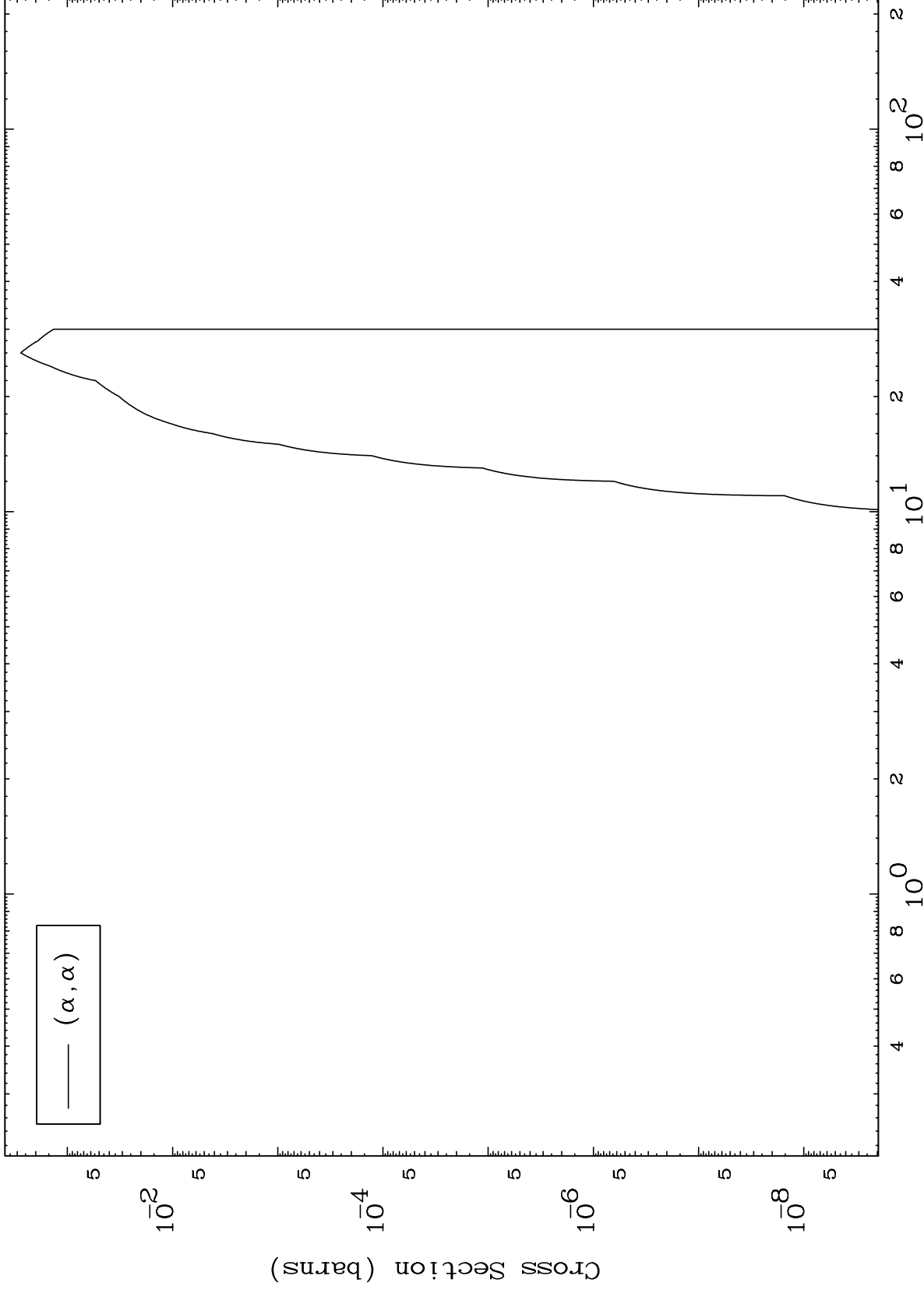


MAT 5640

( $\alpha, \alpha$ ) Levels

56-Ba-135

0 Kelvin Cross Sections



10

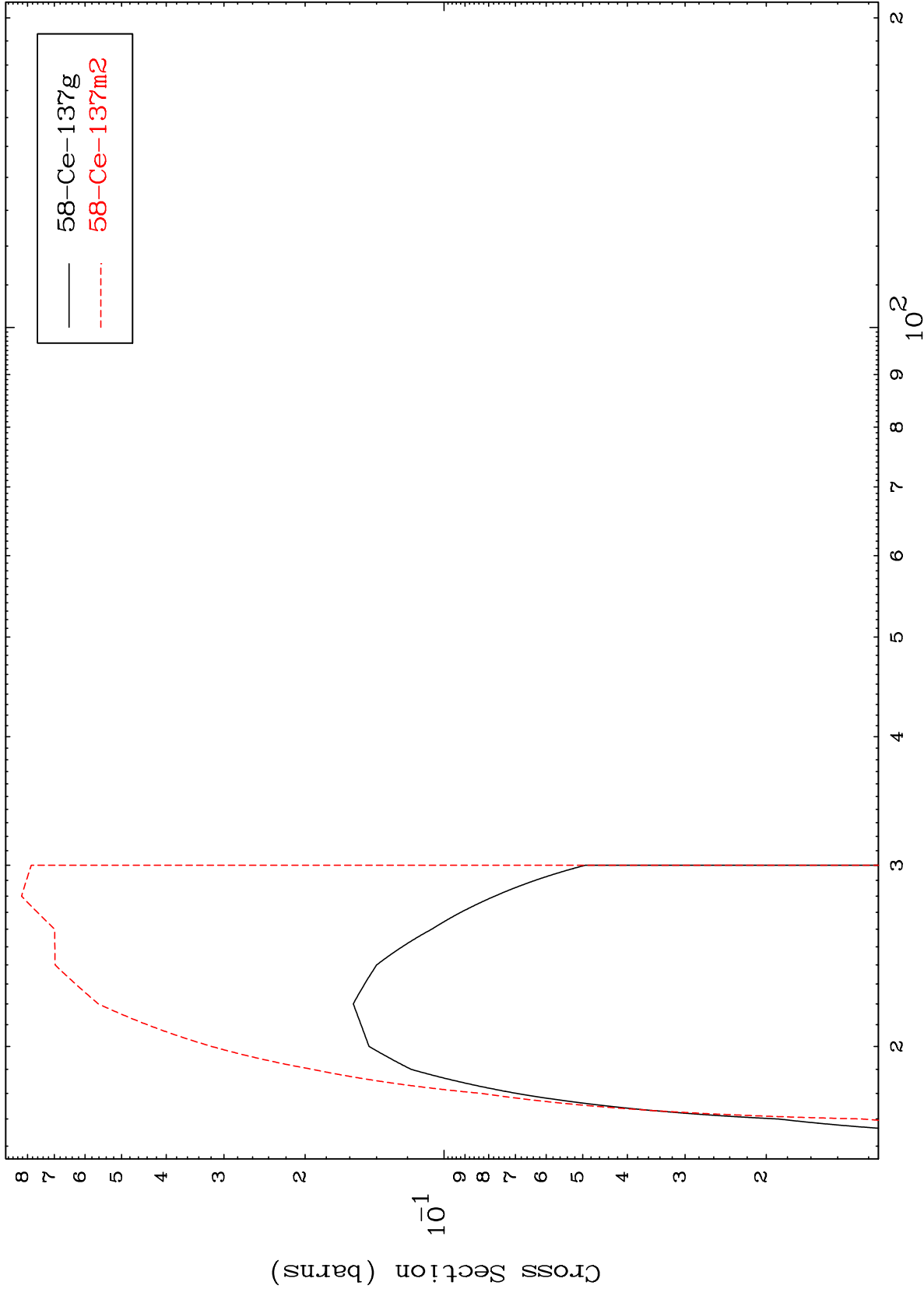
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



56-Ba-135

Incident Energy (MeV)

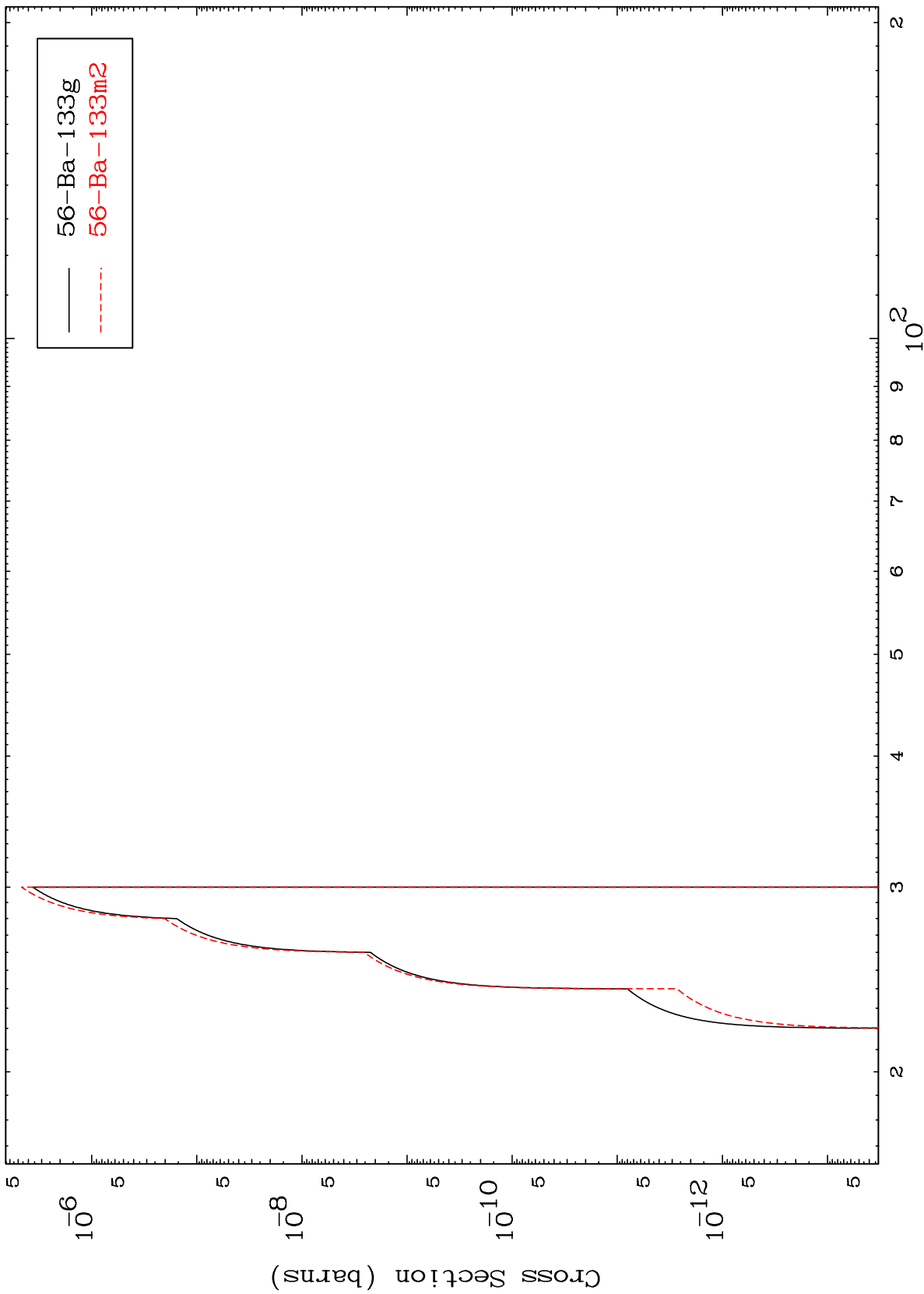
11

MAT 5640

$(\alpha, 2n) \alpha$

56-Ba-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

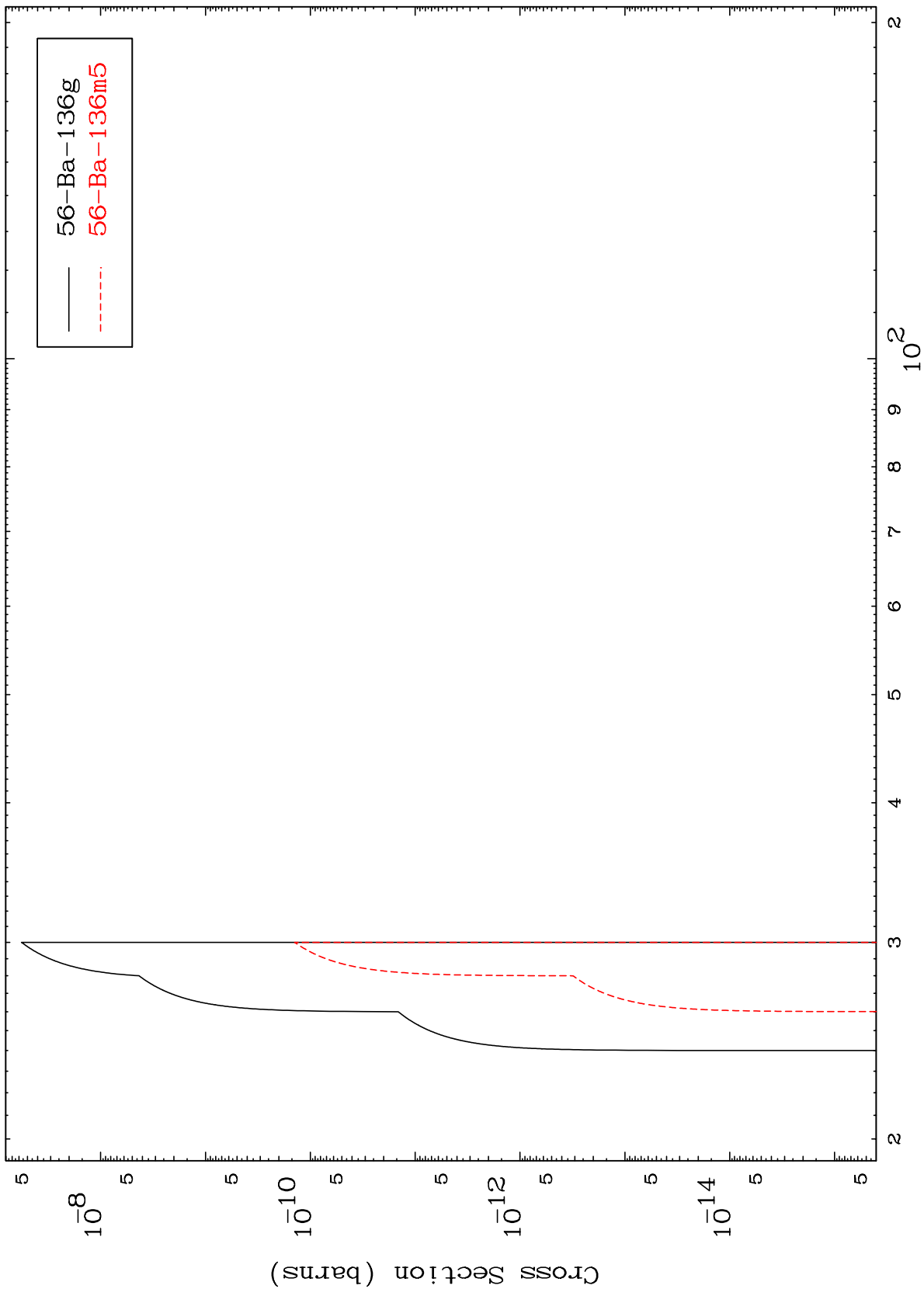
56-Ba-135

MAT 5640

$(\alpha, 2n)$  p

56-Ba-135

Radionuclide Production Cross Section



13

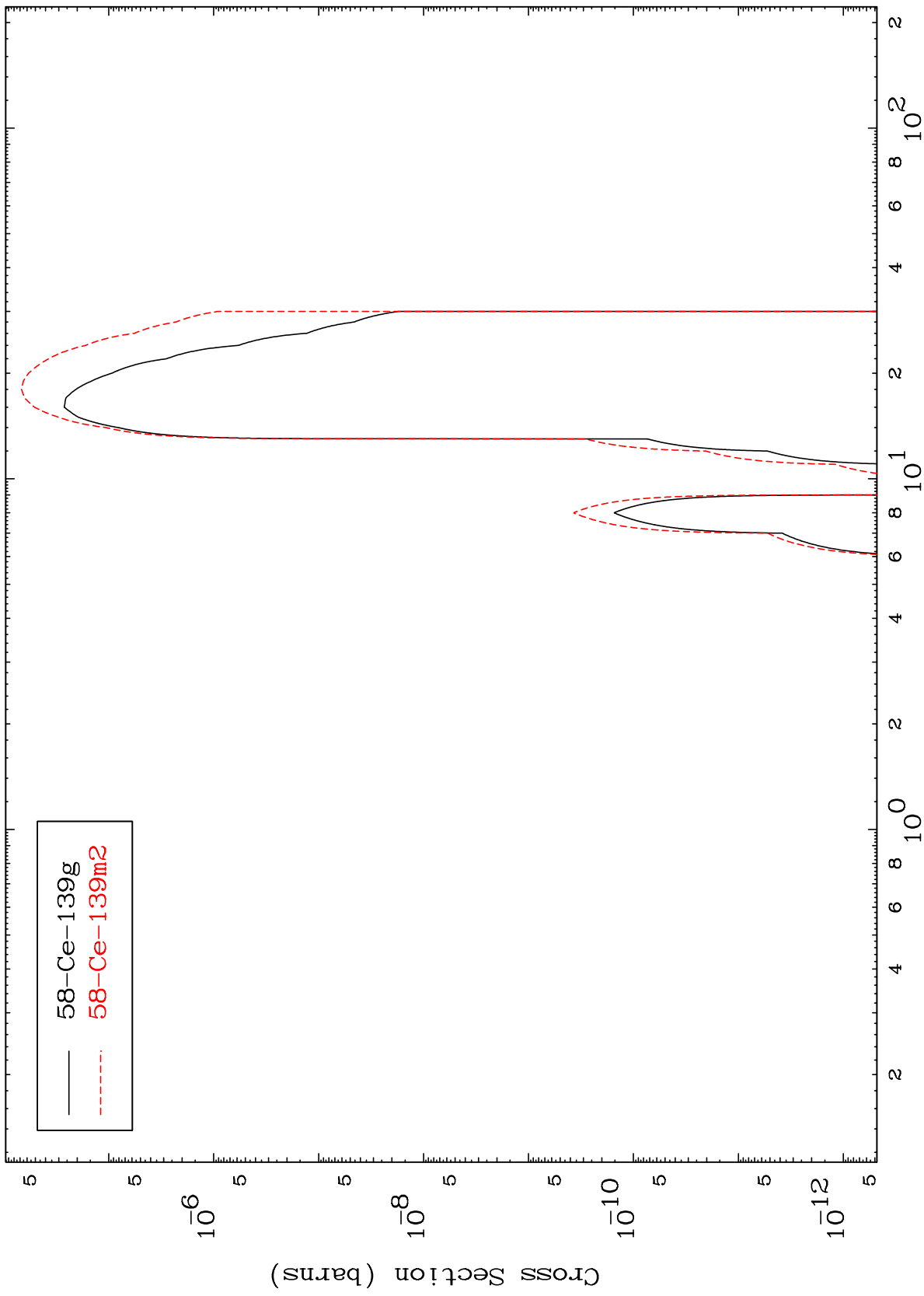
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



14

Incident Energy (MeV)

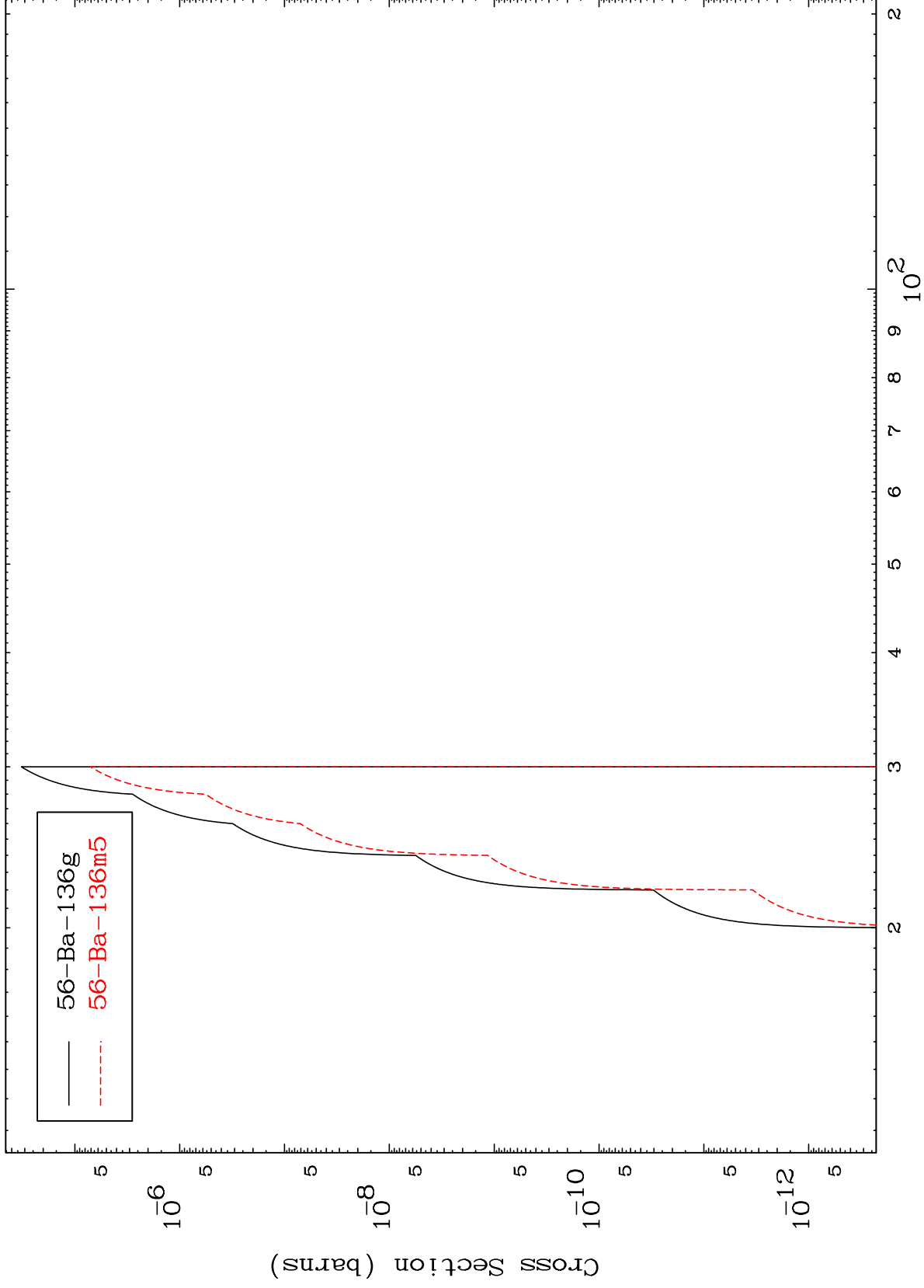
56-Ba-135

MAT 5640

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

56-Ba-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

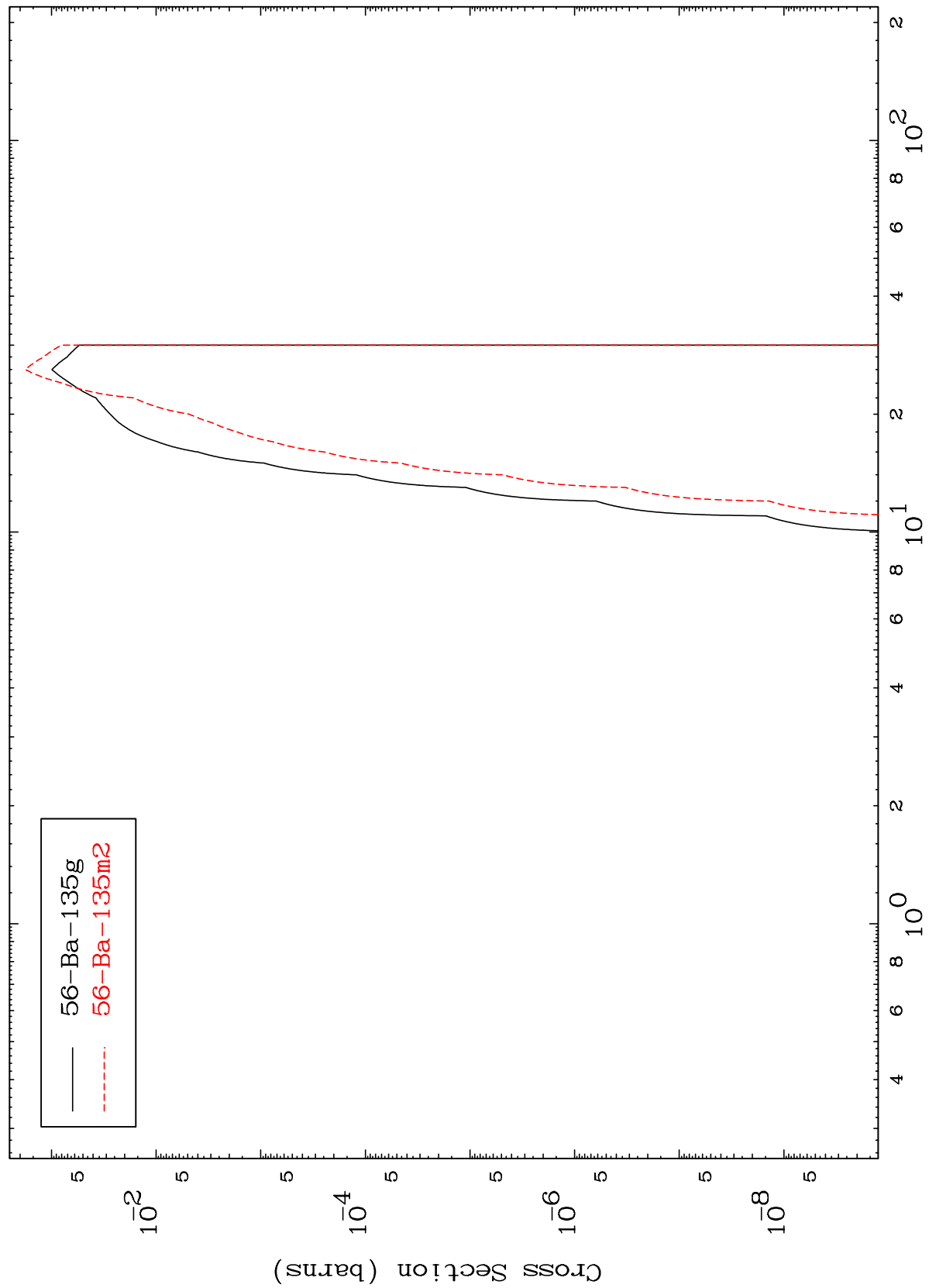
56-Ba-135



MAT 5640

56-Ba-135

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

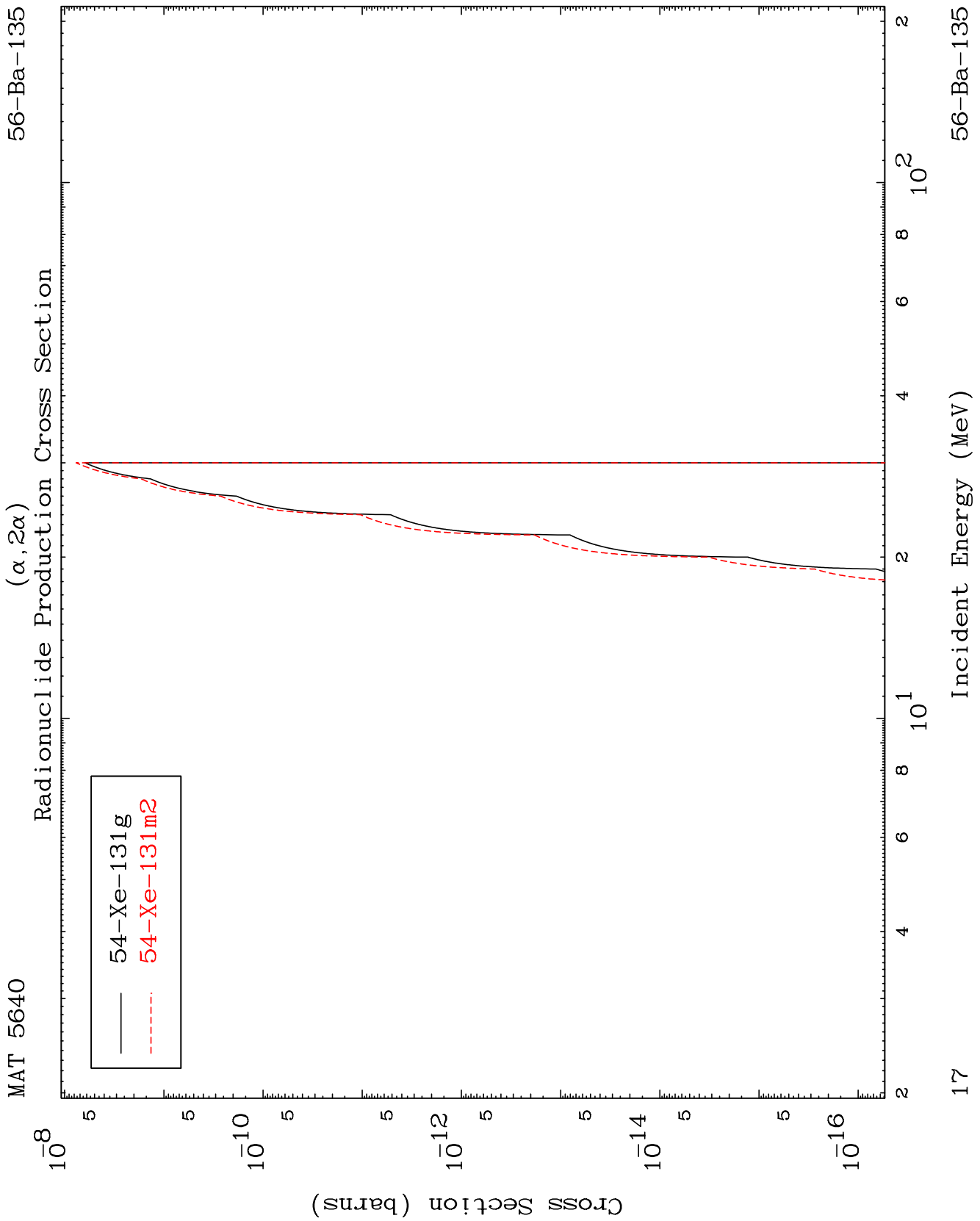


56-Ba-135g  
56-Ba-135m2

56-Ba-135

Incident Energy (MeV)

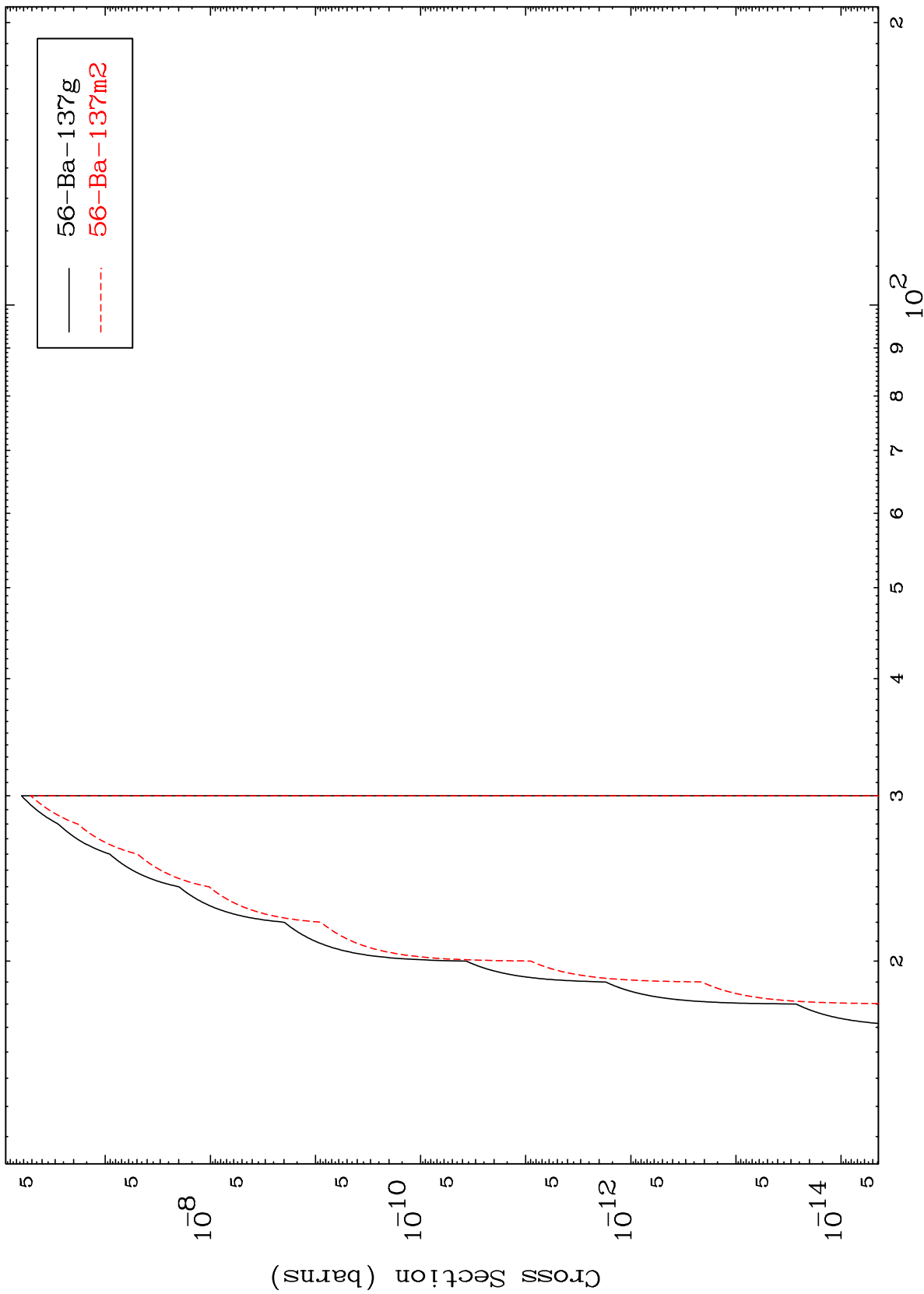
16



MAT 5640

56-Ba-135

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



18

56-Ba-135

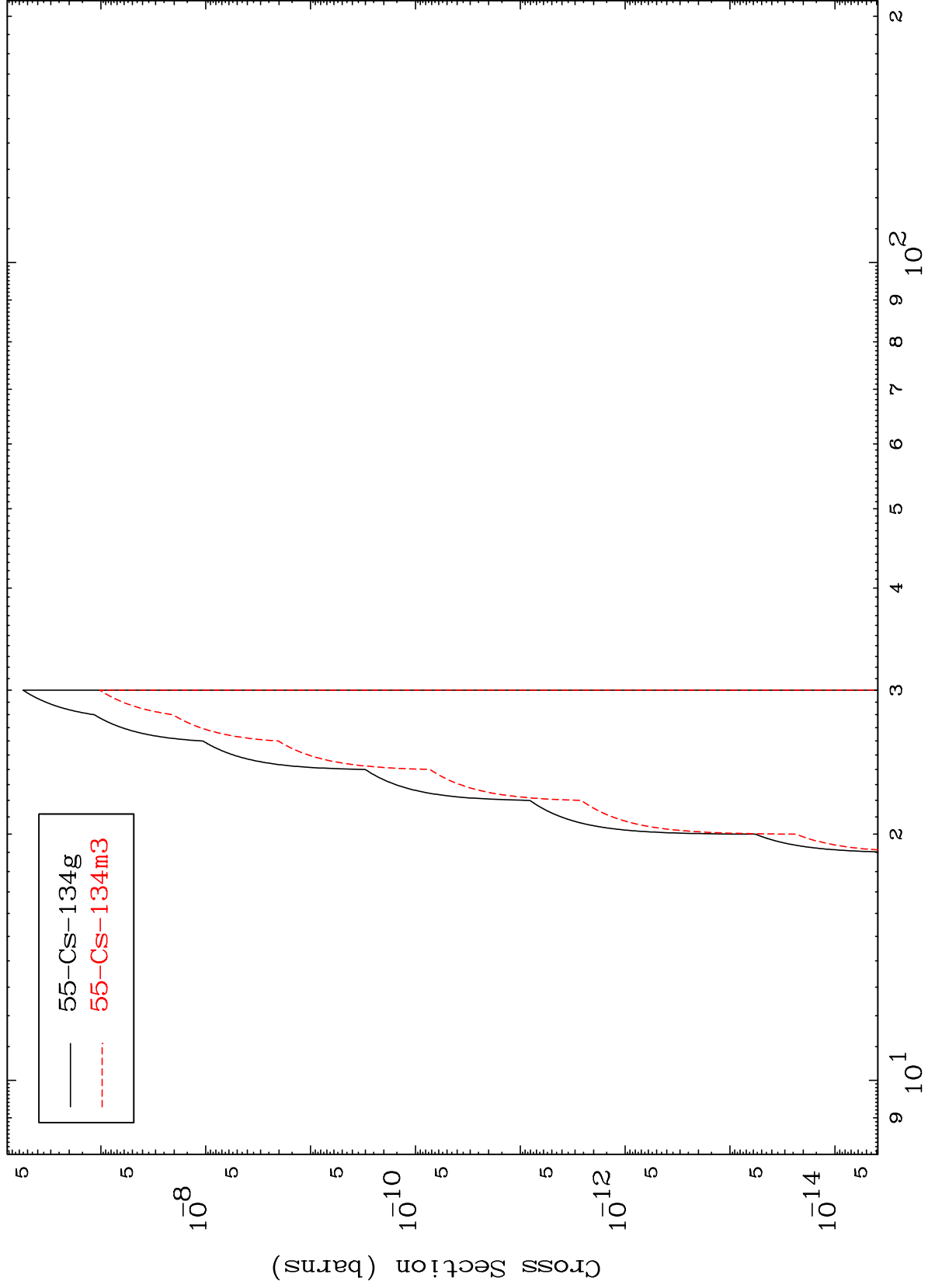
Incident Energy (MeV)

MAT 5640

( $\alpha, p$ )  $\alpha$

56-Ba-135

Radionuclide Production Cross Section



19

Incident Energy (MeV)

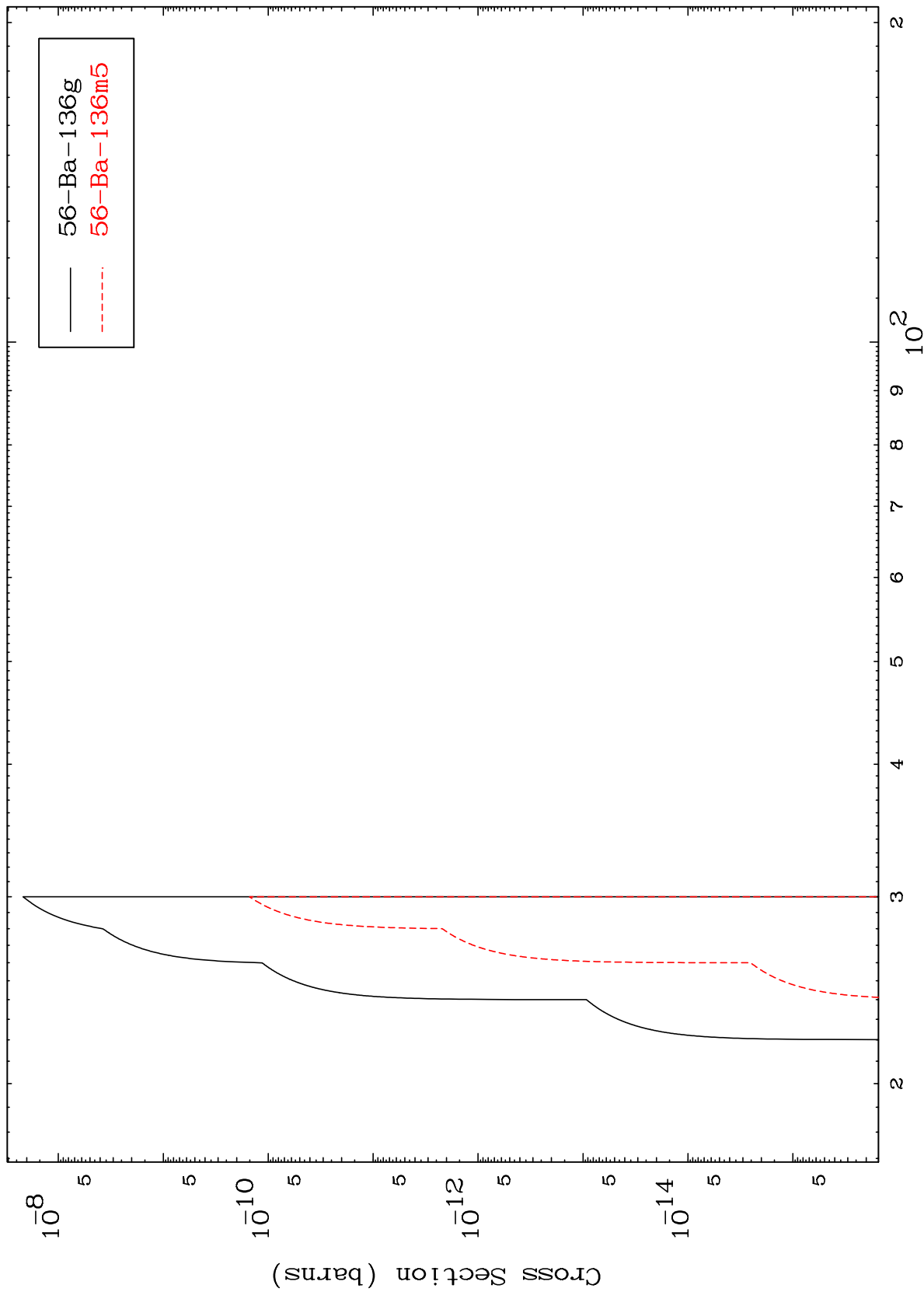
56-Ba-135

MAT 5640

( $\alpha, p$ ) d

56-Ba-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

56-Ba-135