

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

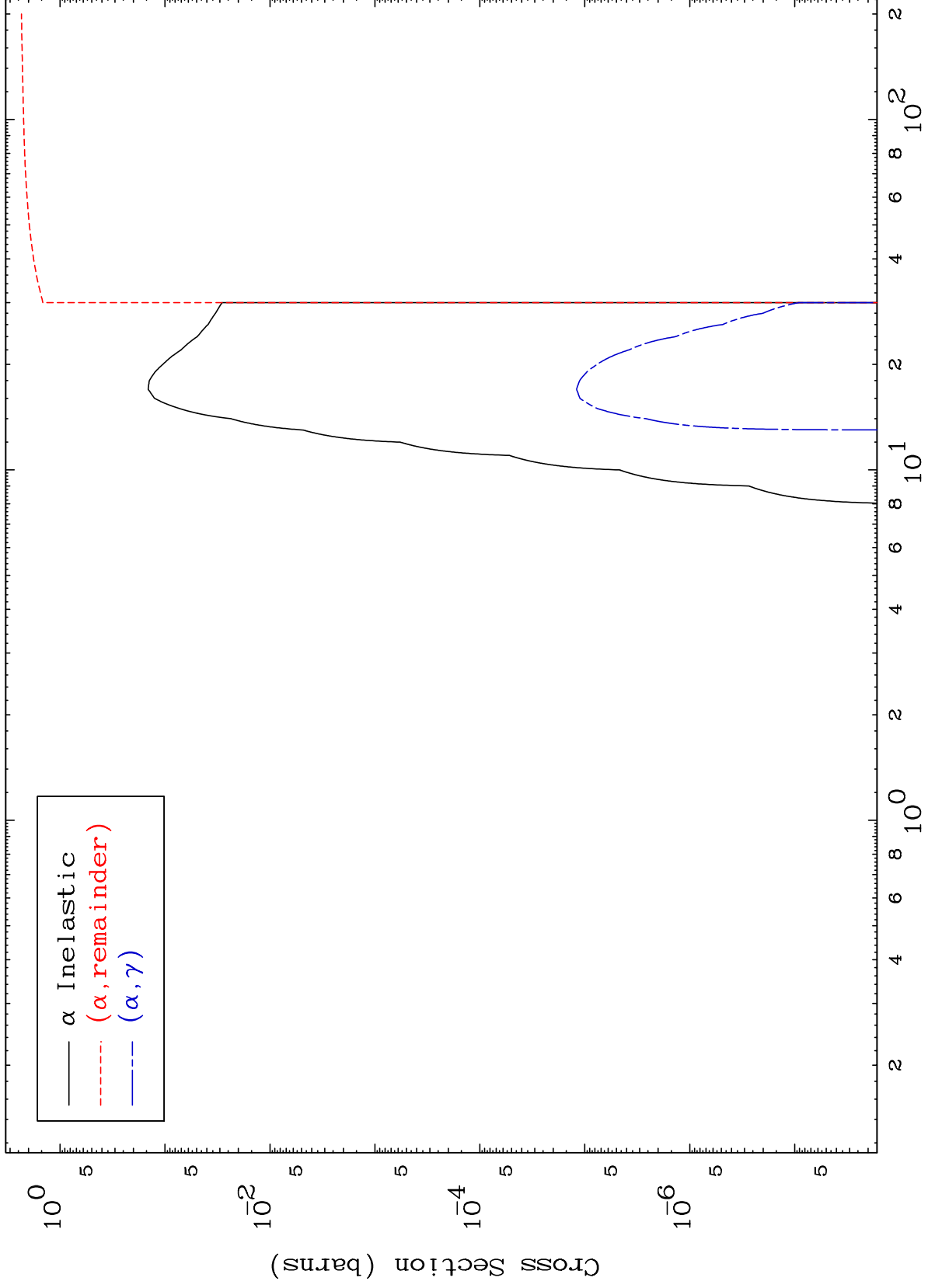
Press Mouse Button to Start

MAT 5531

$\alpha$  Major

55-Cs-135

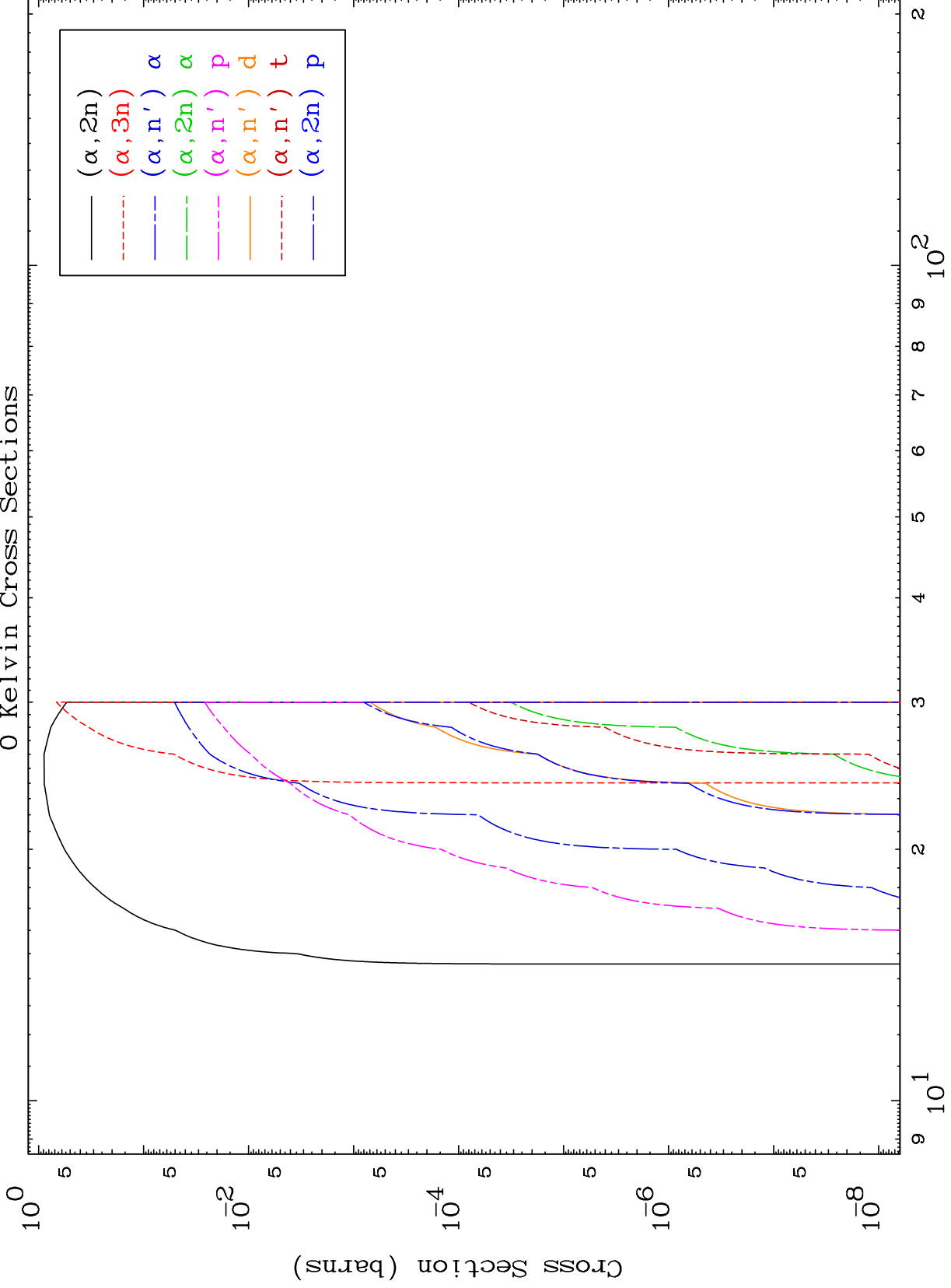
0 Kelvin Cross Sections



MAT 5531

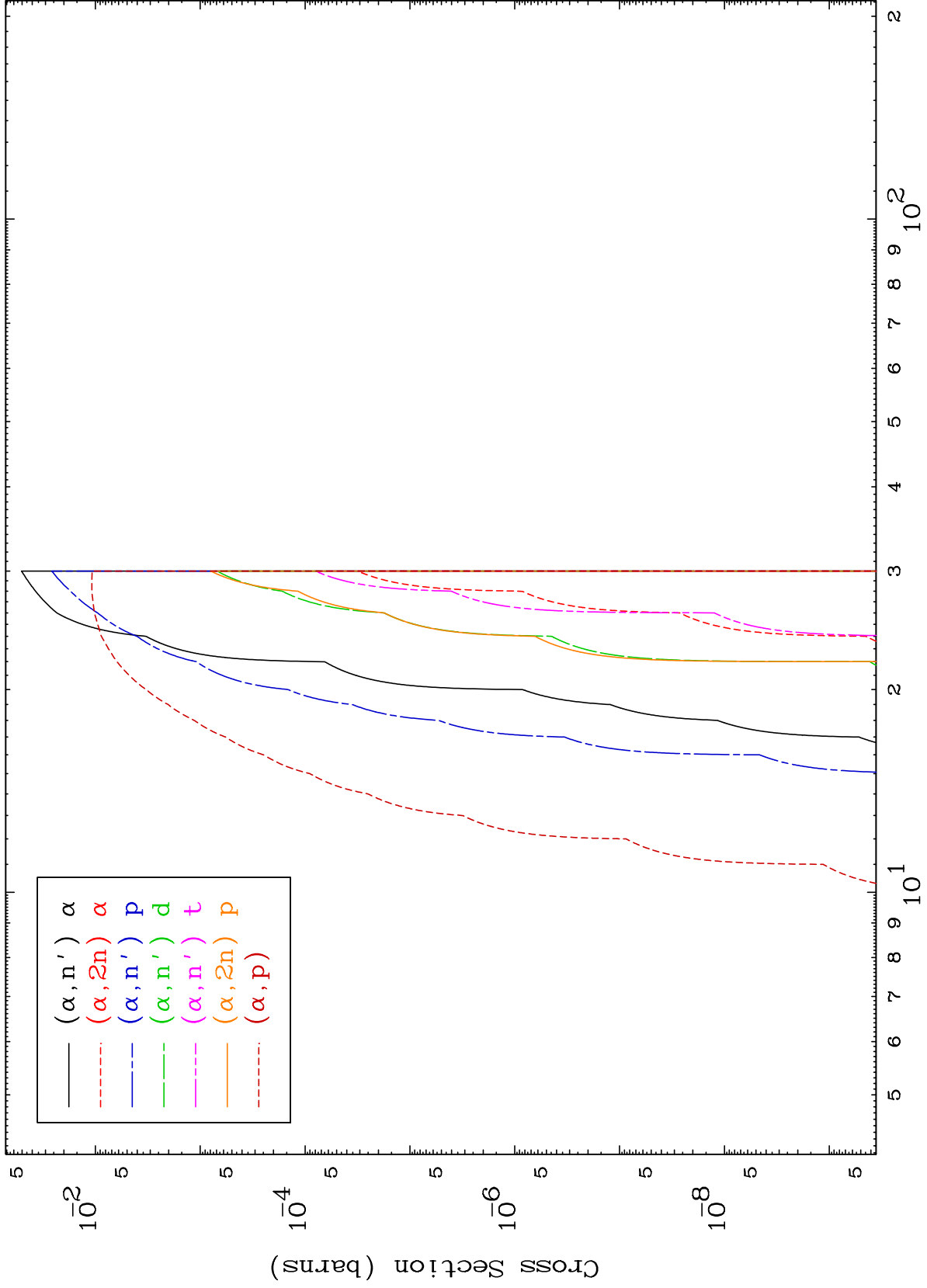
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

55-Cs-135



Incident Energy (MeV)

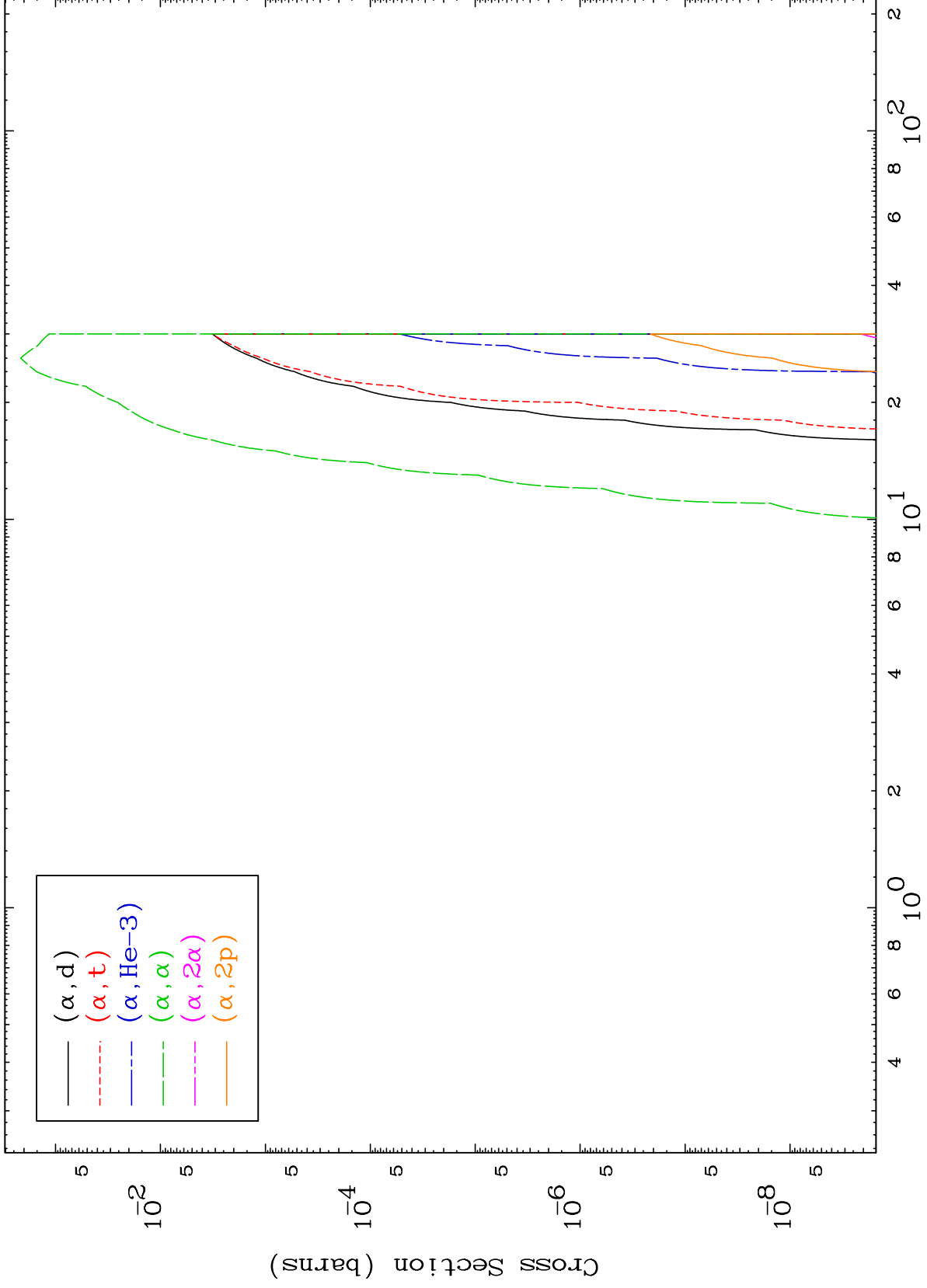
55-Cs-135



MAT 5531

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

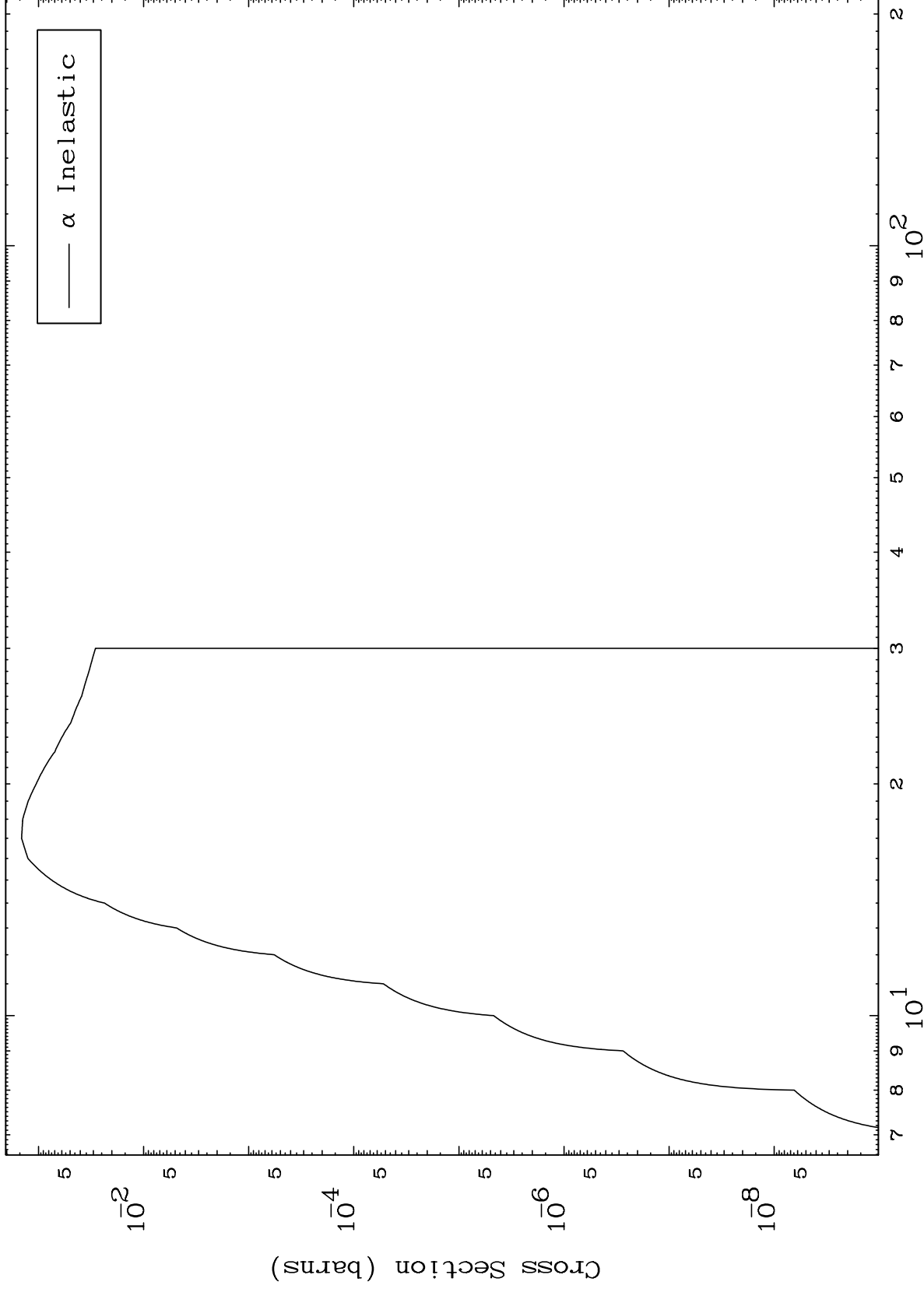
55-Cs-135



MAT 5531

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

55-Cs-135



5

Incident Energy (MeV)

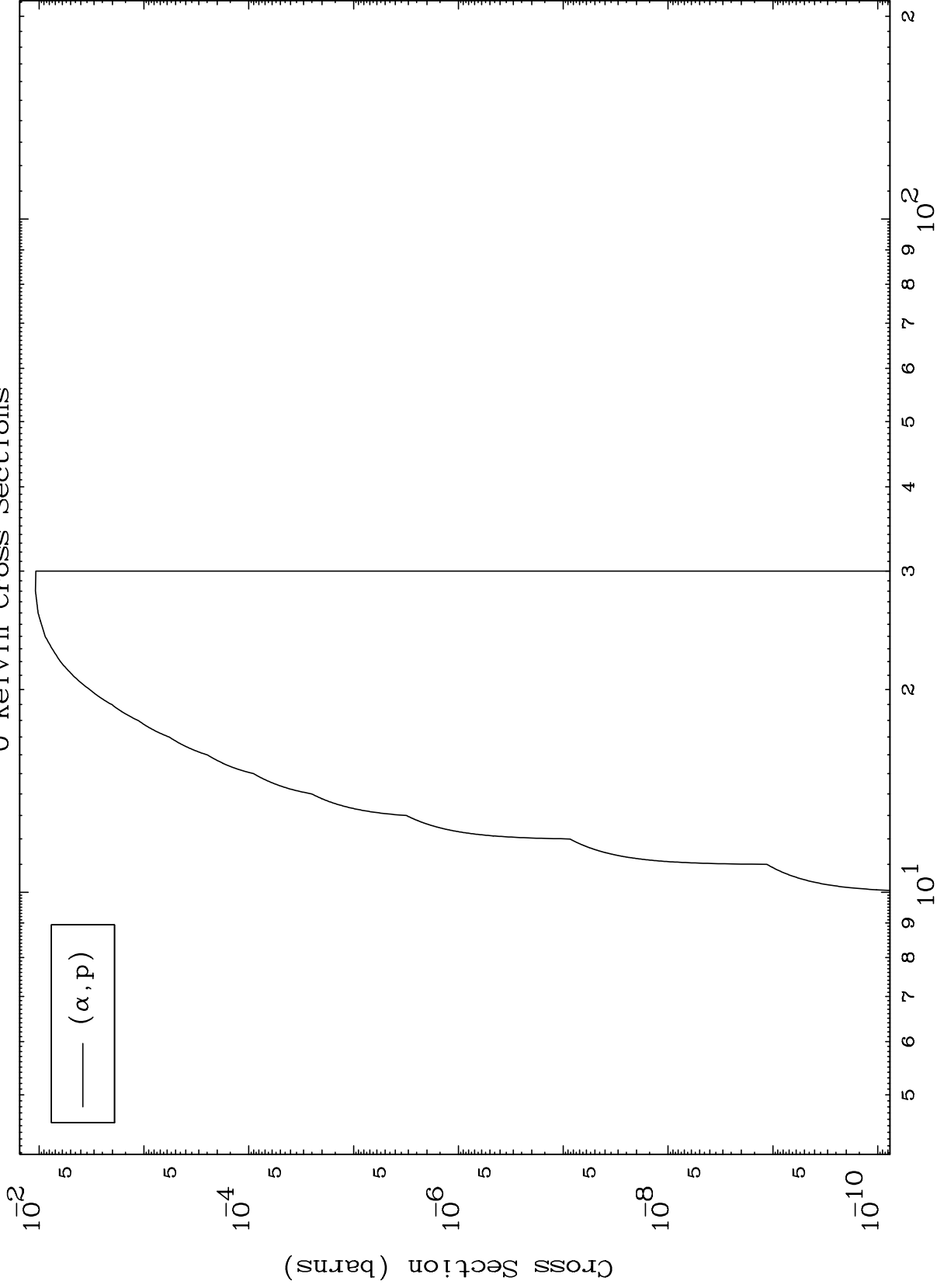
55-Cs-135

MAT 5531

( $\alpha, p$ ) Levels

55-Cs-135

0 Kelvin Cross Sections



Incident Energy (MeV)

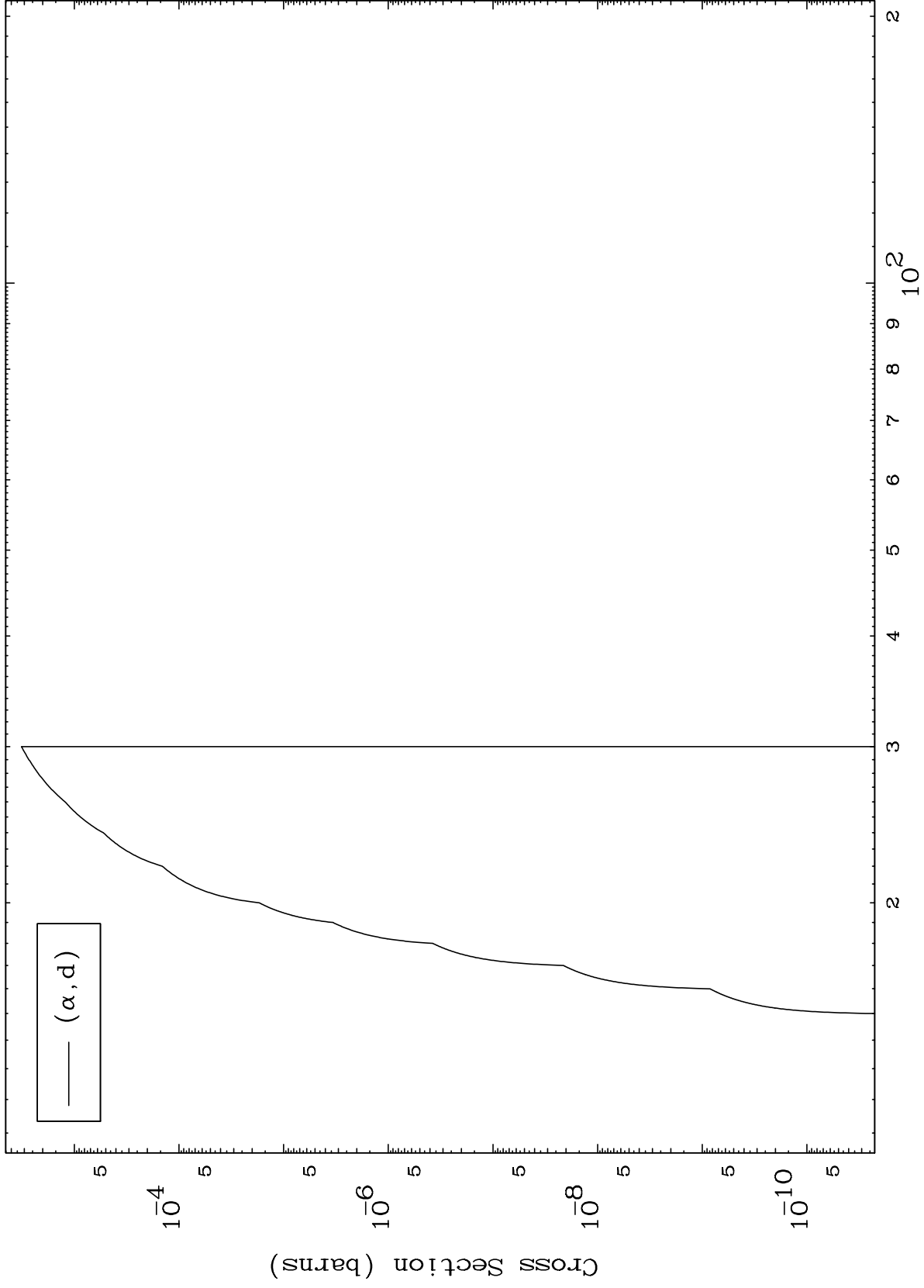
55-Cs-135

6

MAT 5531

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

55-Cs-135

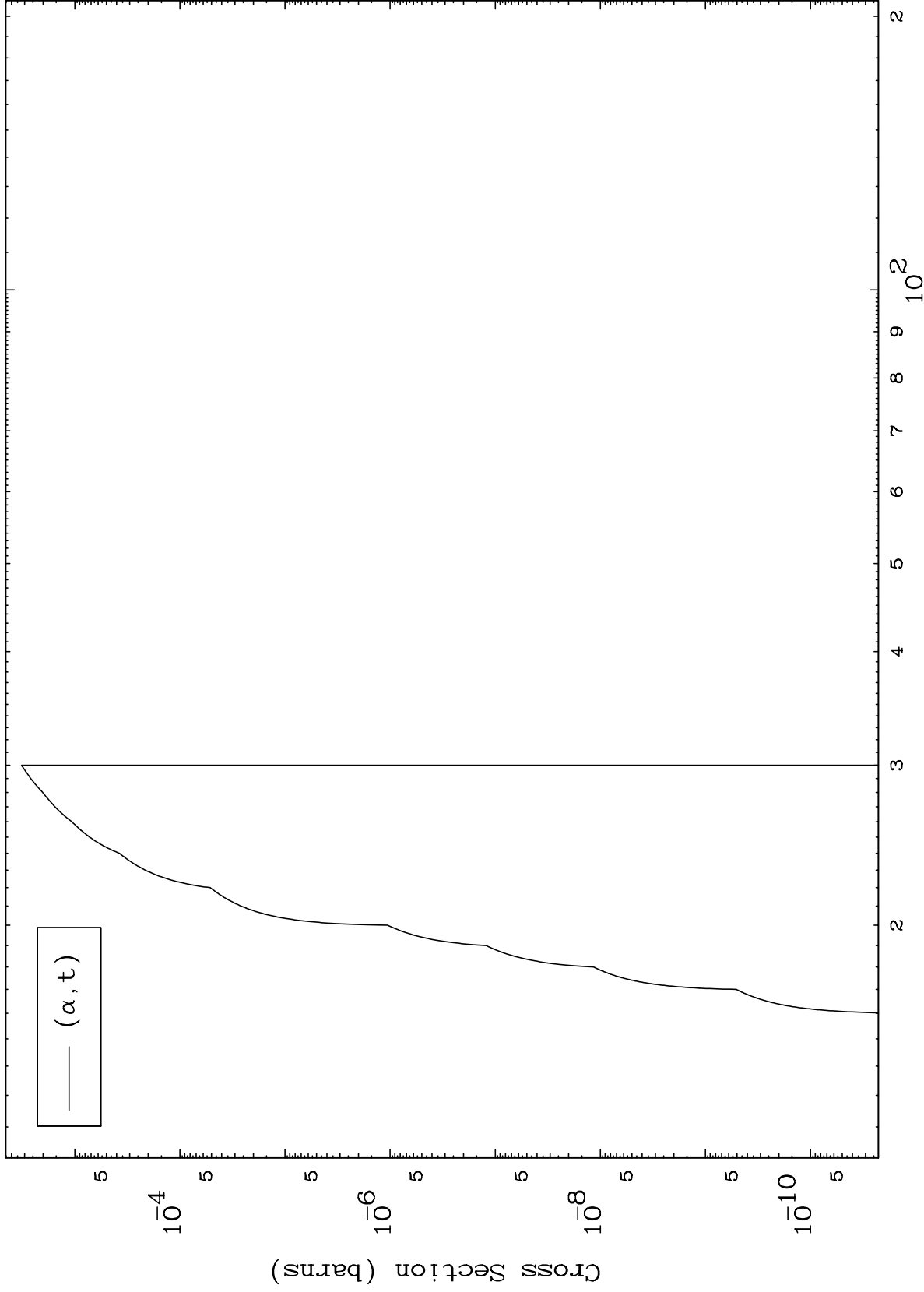


7

Incident Energy (MeV)

55-Cs-135

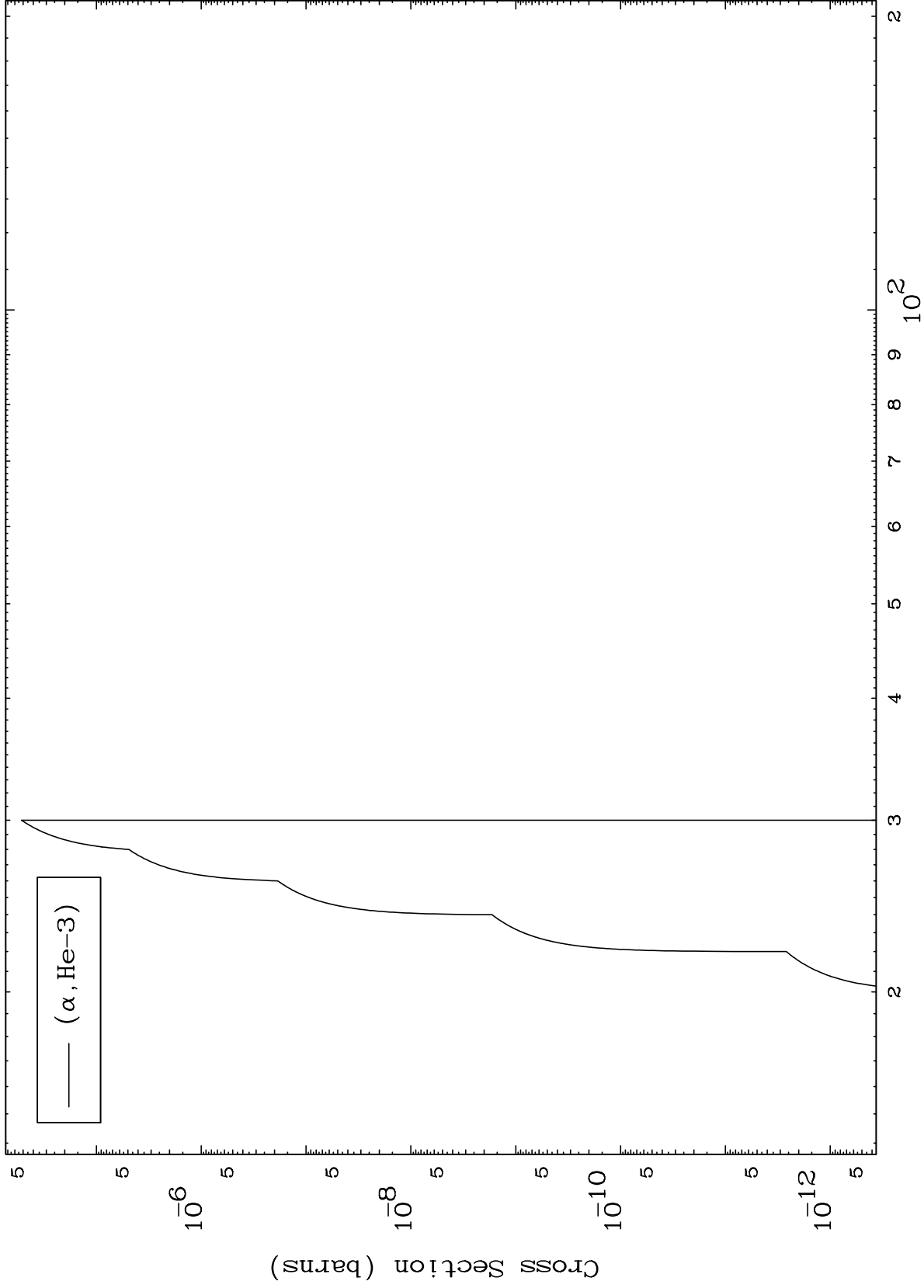




MAT 5531

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

55-Cs-135

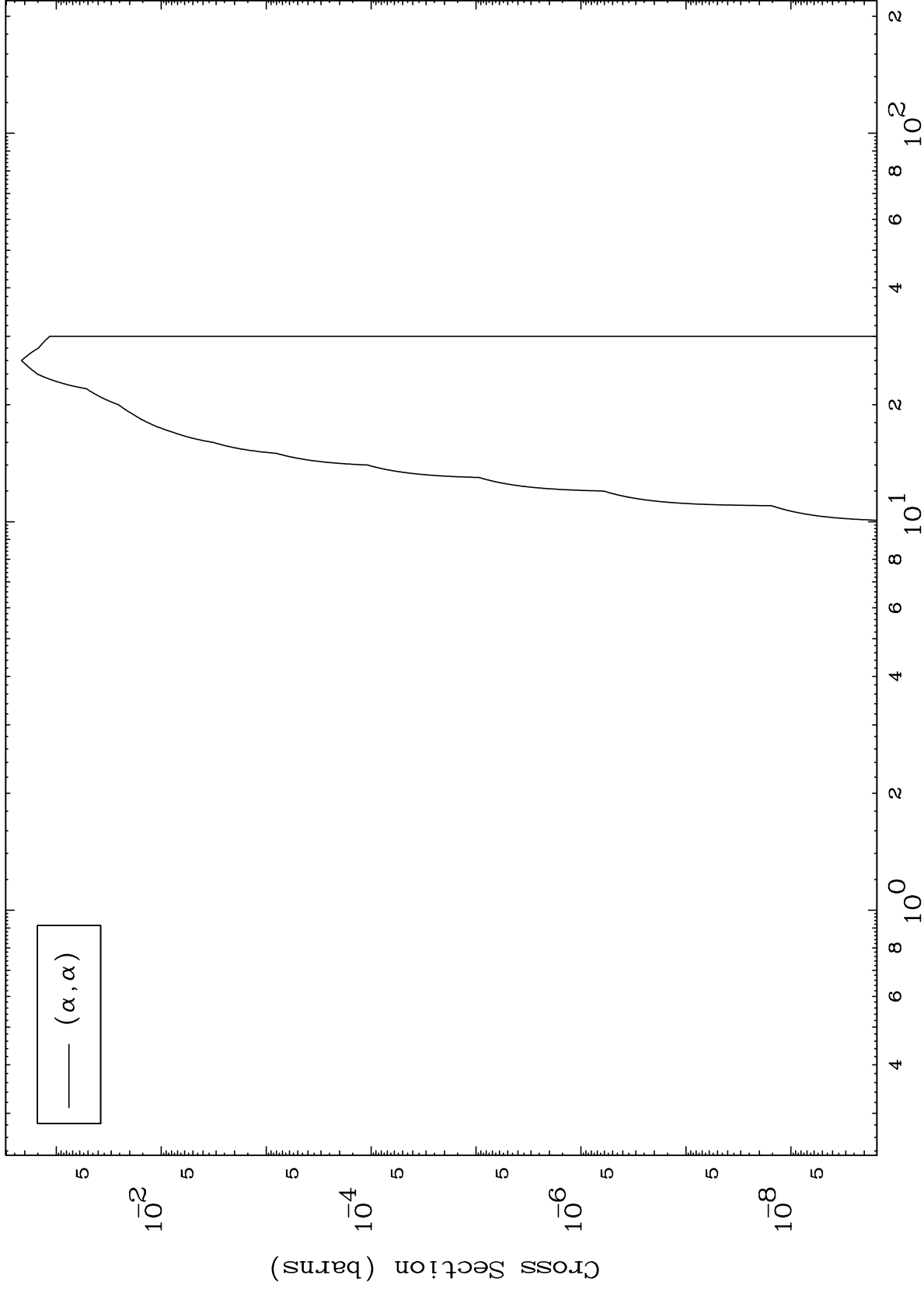


MAT 5531

( $\alpha, \alpha$ ) Levels

55-Cs-135

0 Kelvin Cross Sections



10

Incident Energy (MeV)

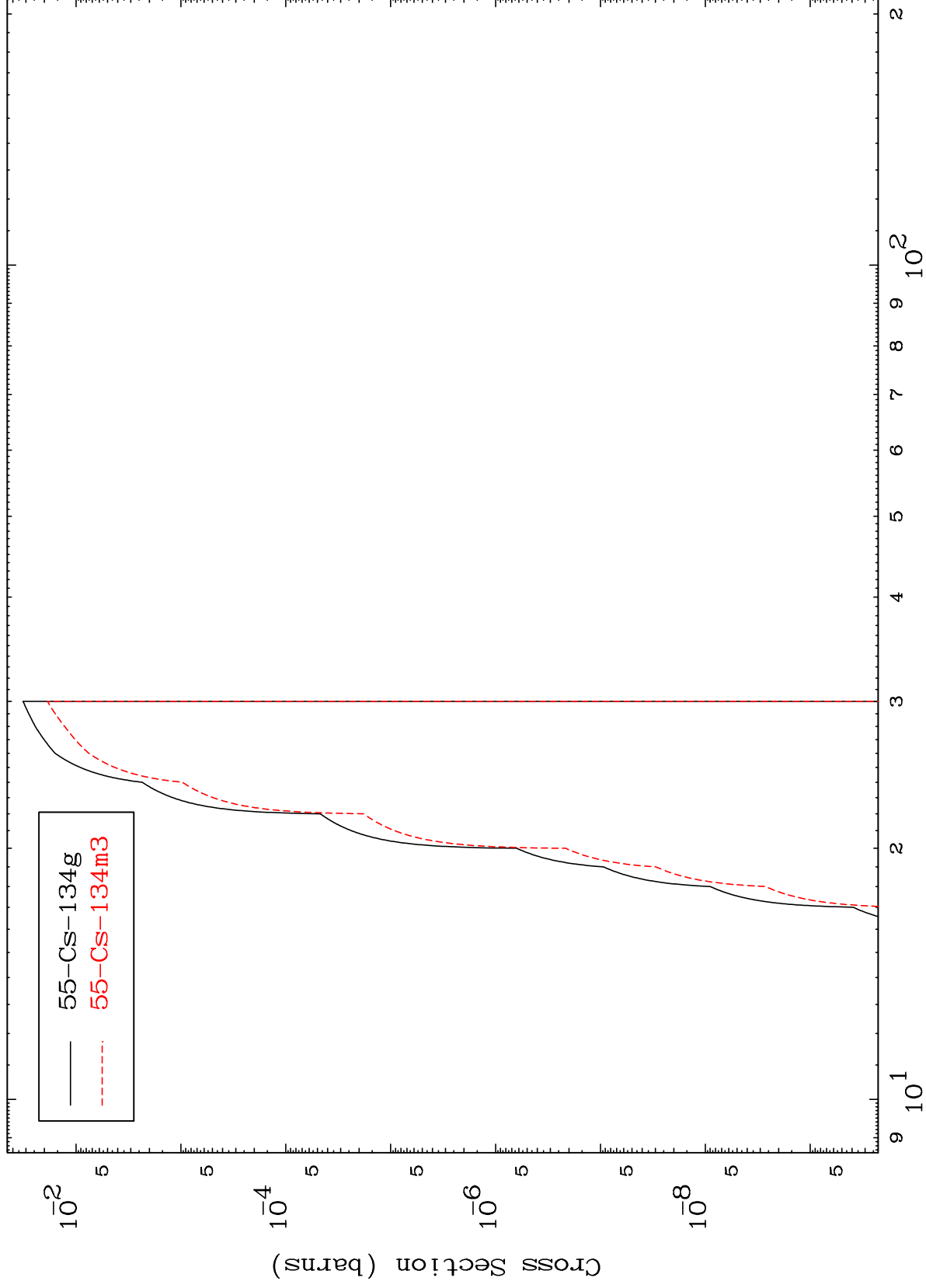
55-Cs-135

MAT 5531

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

55-Cs-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

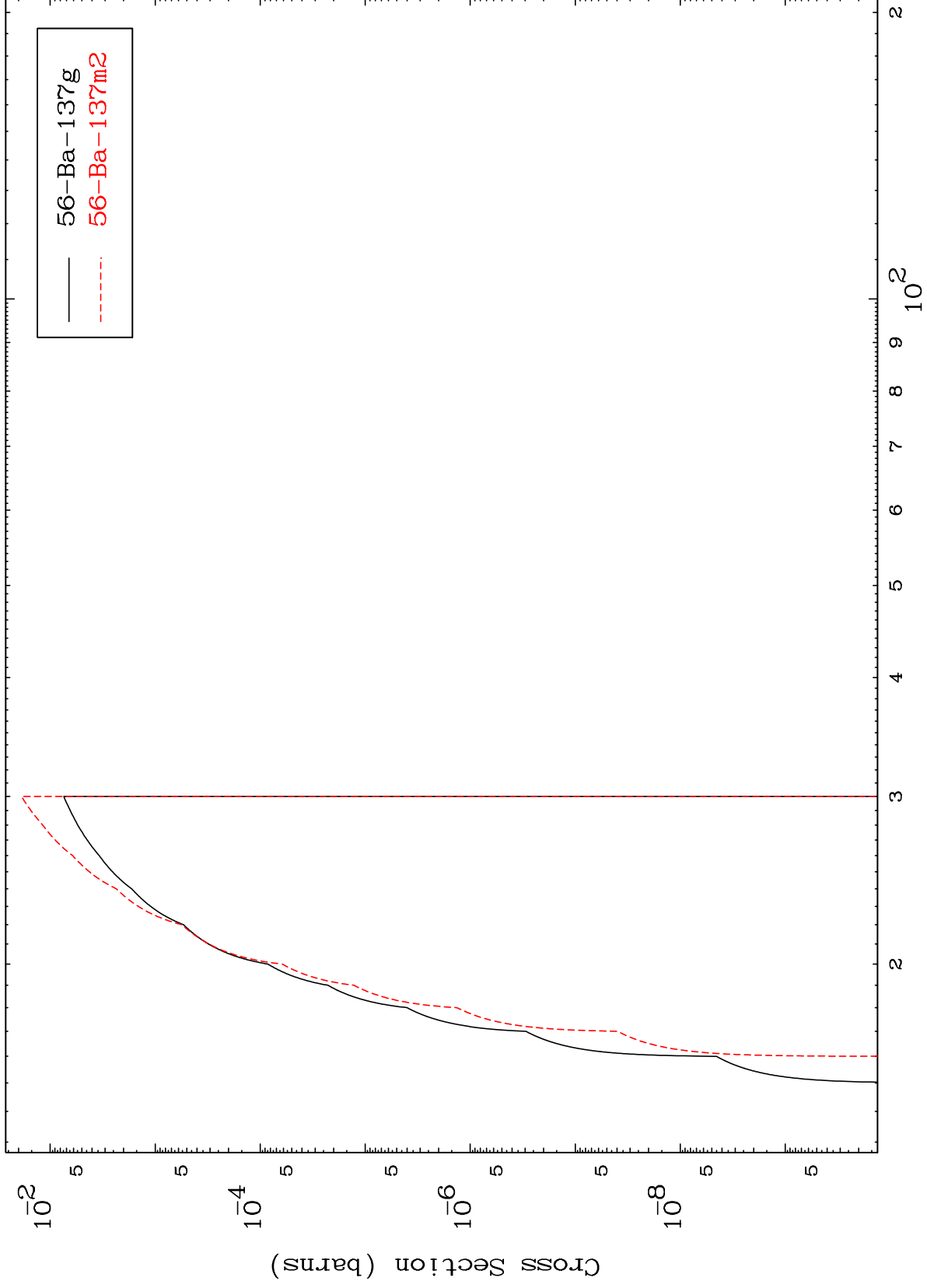
55-Cs-135

MAT 5531

$(\alpha, n')$  p

55-Cs-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

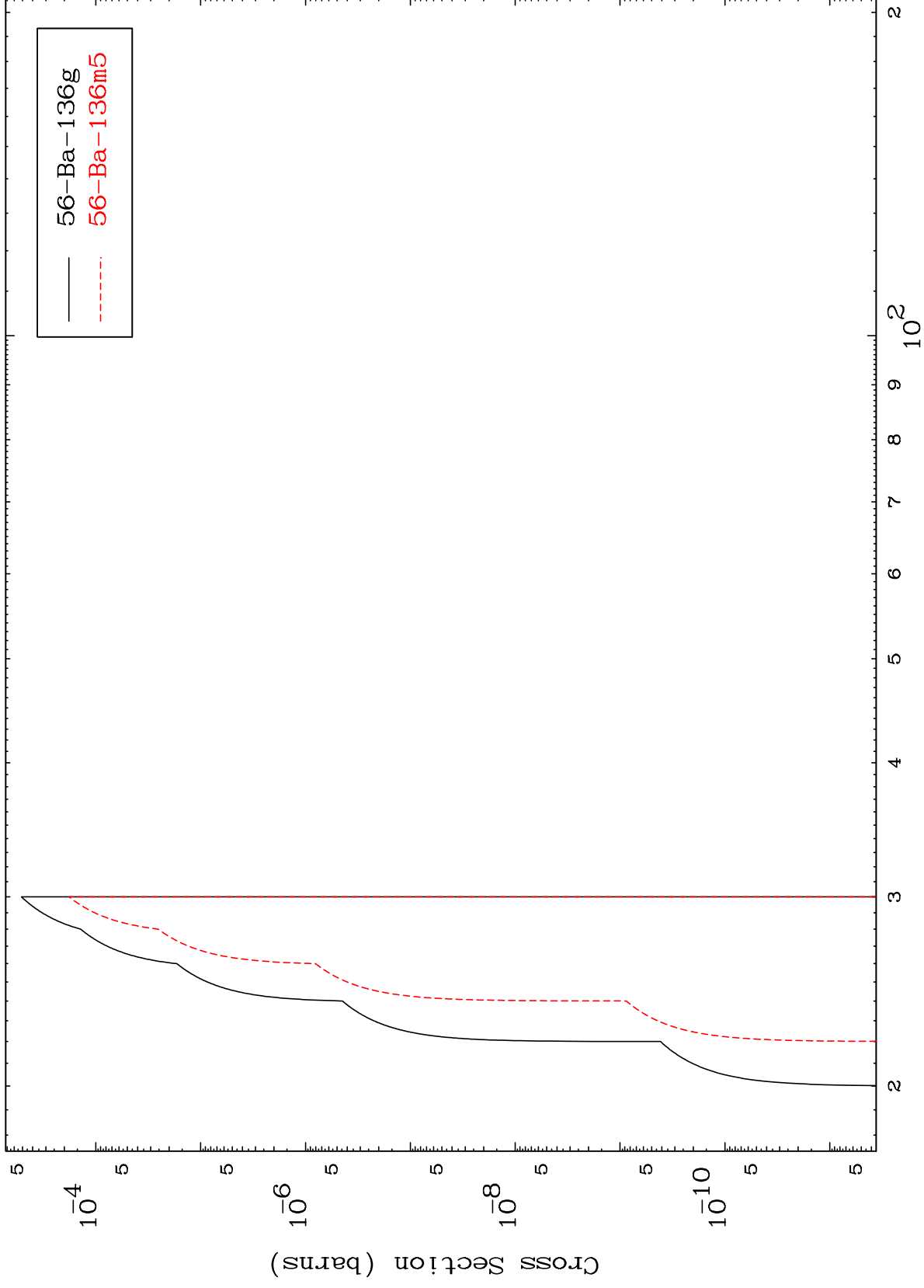
55-Cs-135

MAT 5531

( $\alpha, n'$ ) d

55-Cs-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

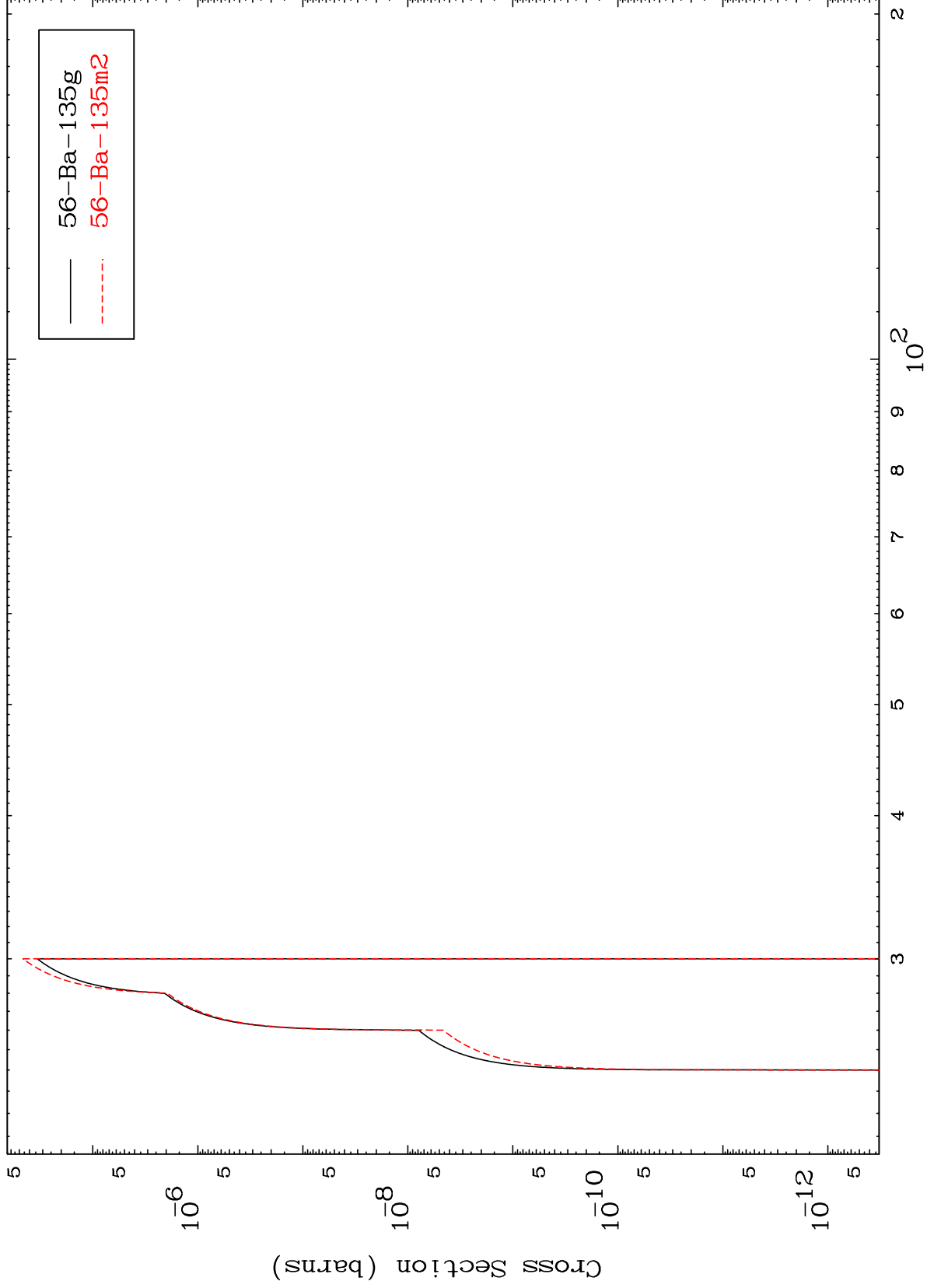
55-Cs-135

MAT 5531

( $\alpha, n'$ ) t

55-Cs-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

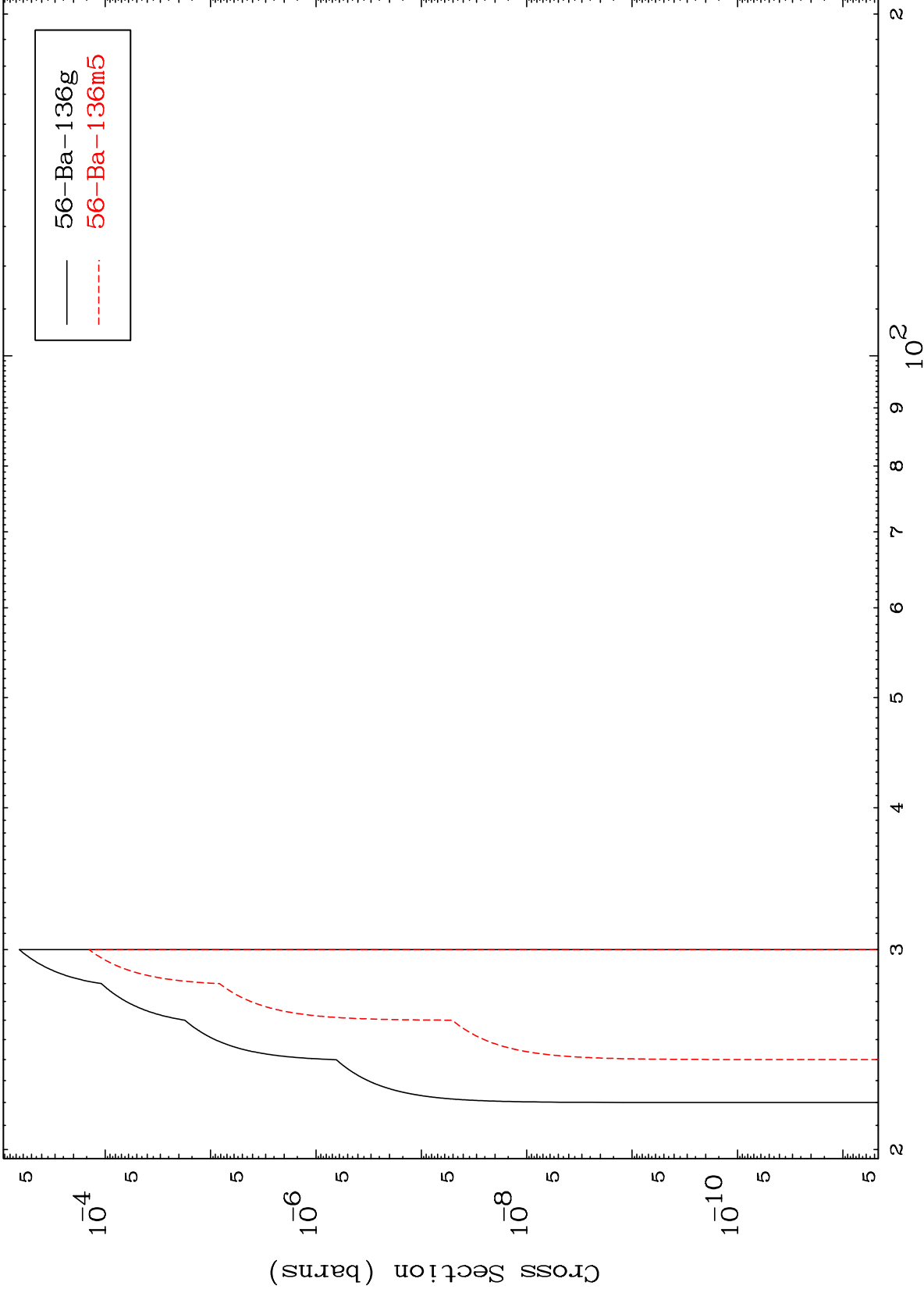
55-Cs-135

MAT 5531

55-Cs-135

( $\alpha, 2n$ ) p

Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-135

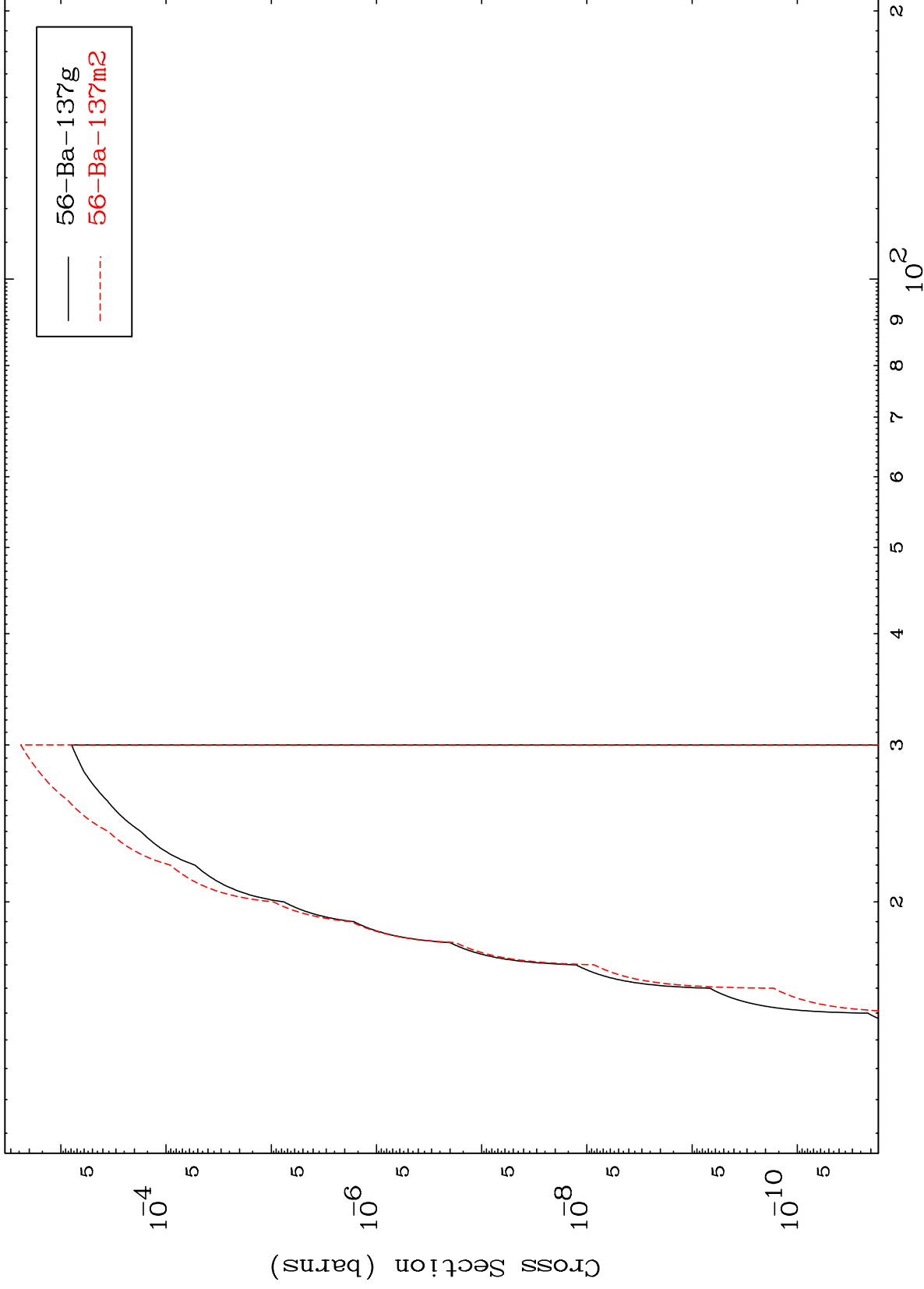


MAT 5531

( $\alpha, d$ )

55-Cs-135

Radionuclide Production Cross Section



16

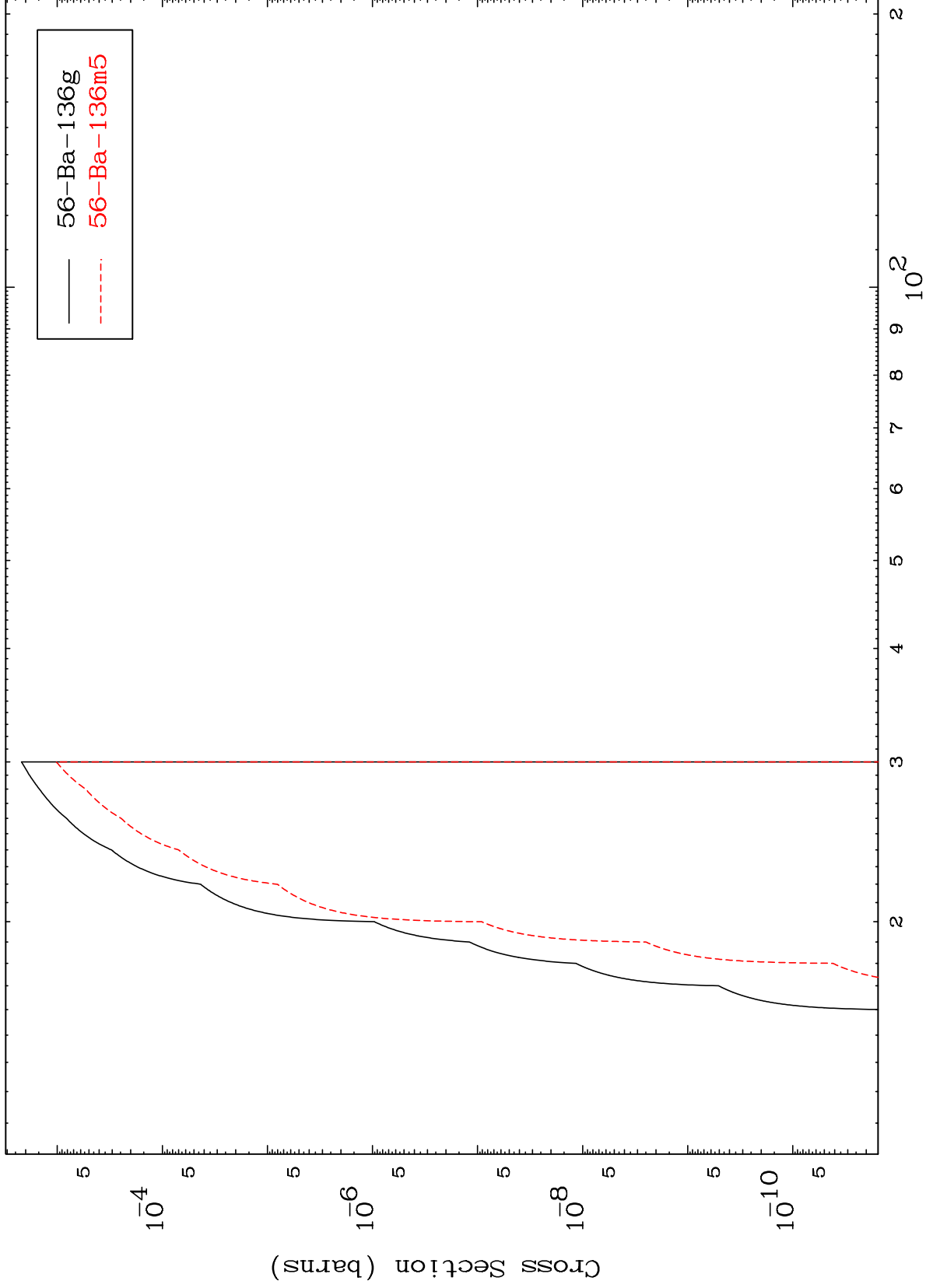
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

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



17

Incident Energy (MeV)

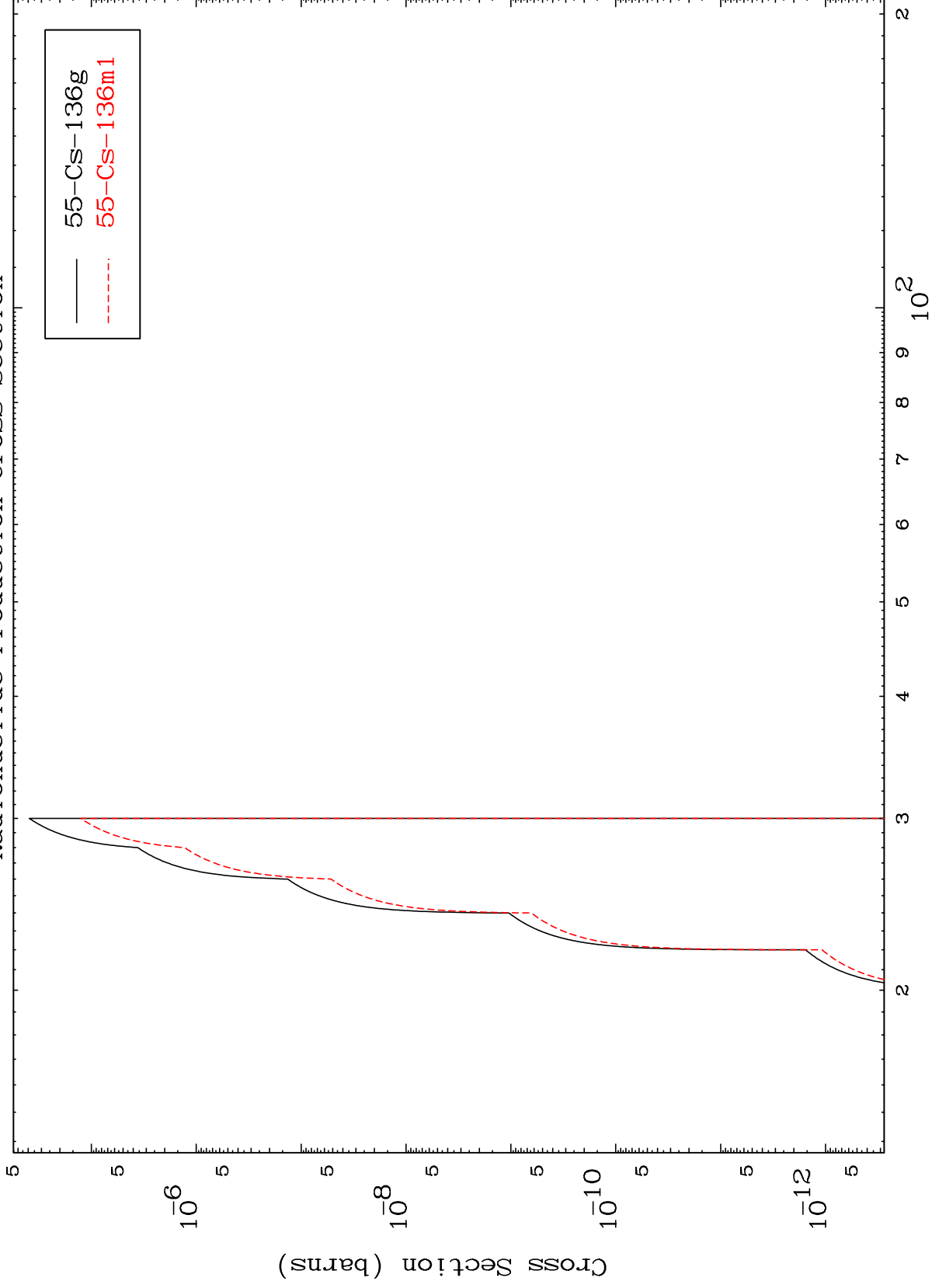
55-Cs-135

MAT 5531

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

55-Cs-135

Radionuclide Production Cross Section



18

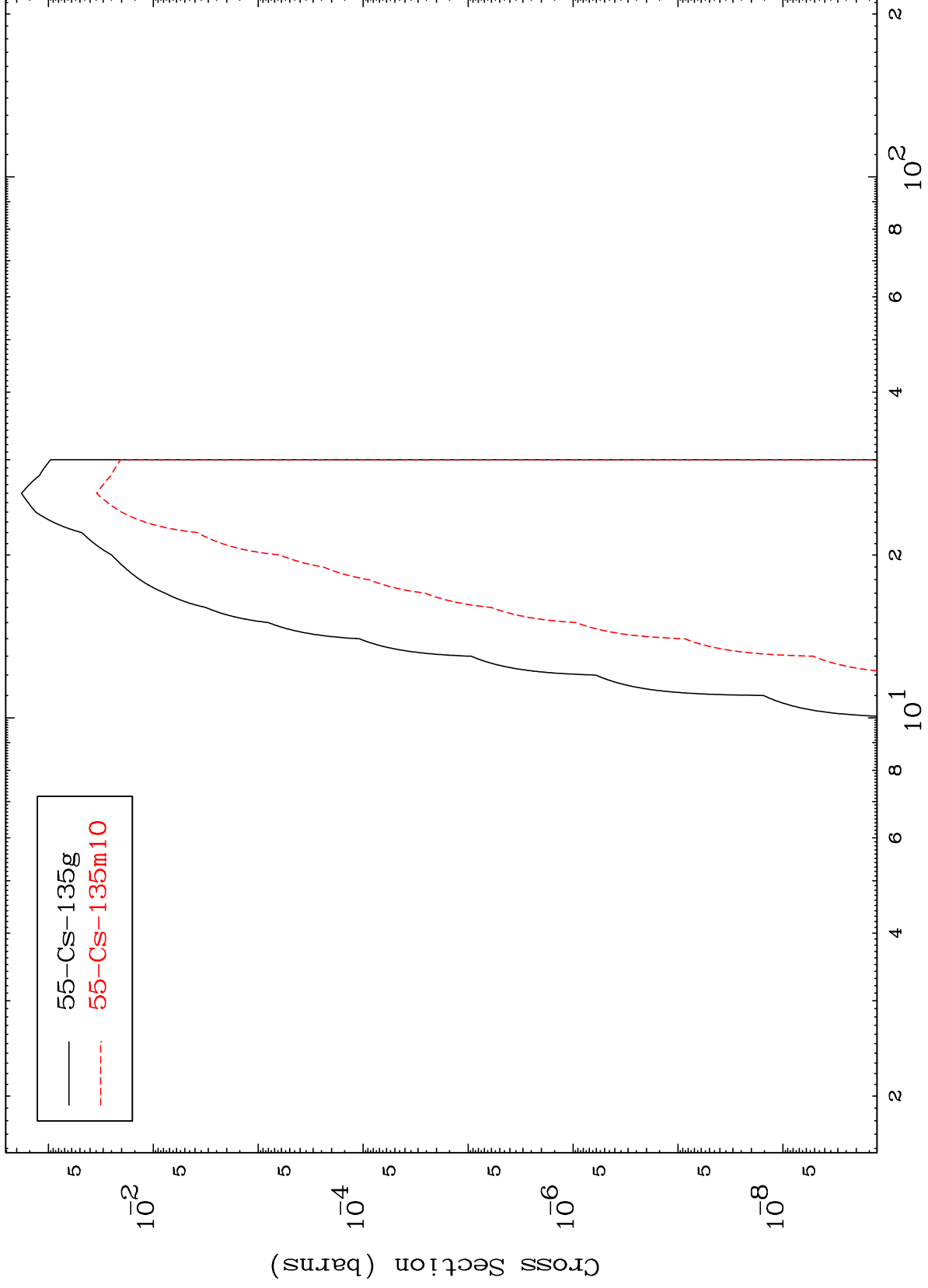
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

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



19

55-Cs-135

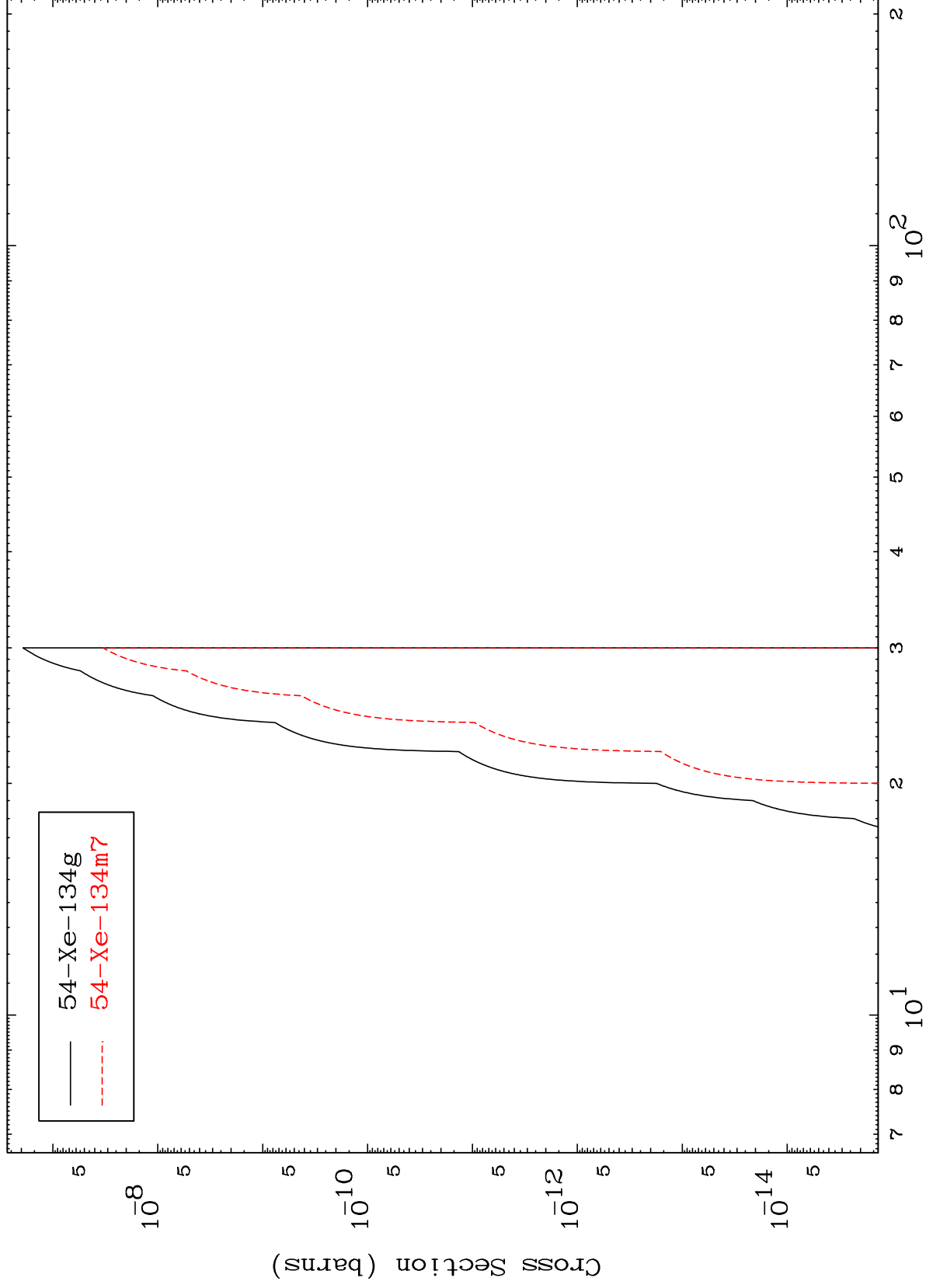
Incident Energy (MeV)

MAT 5531

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

55-Cs-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-135