

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

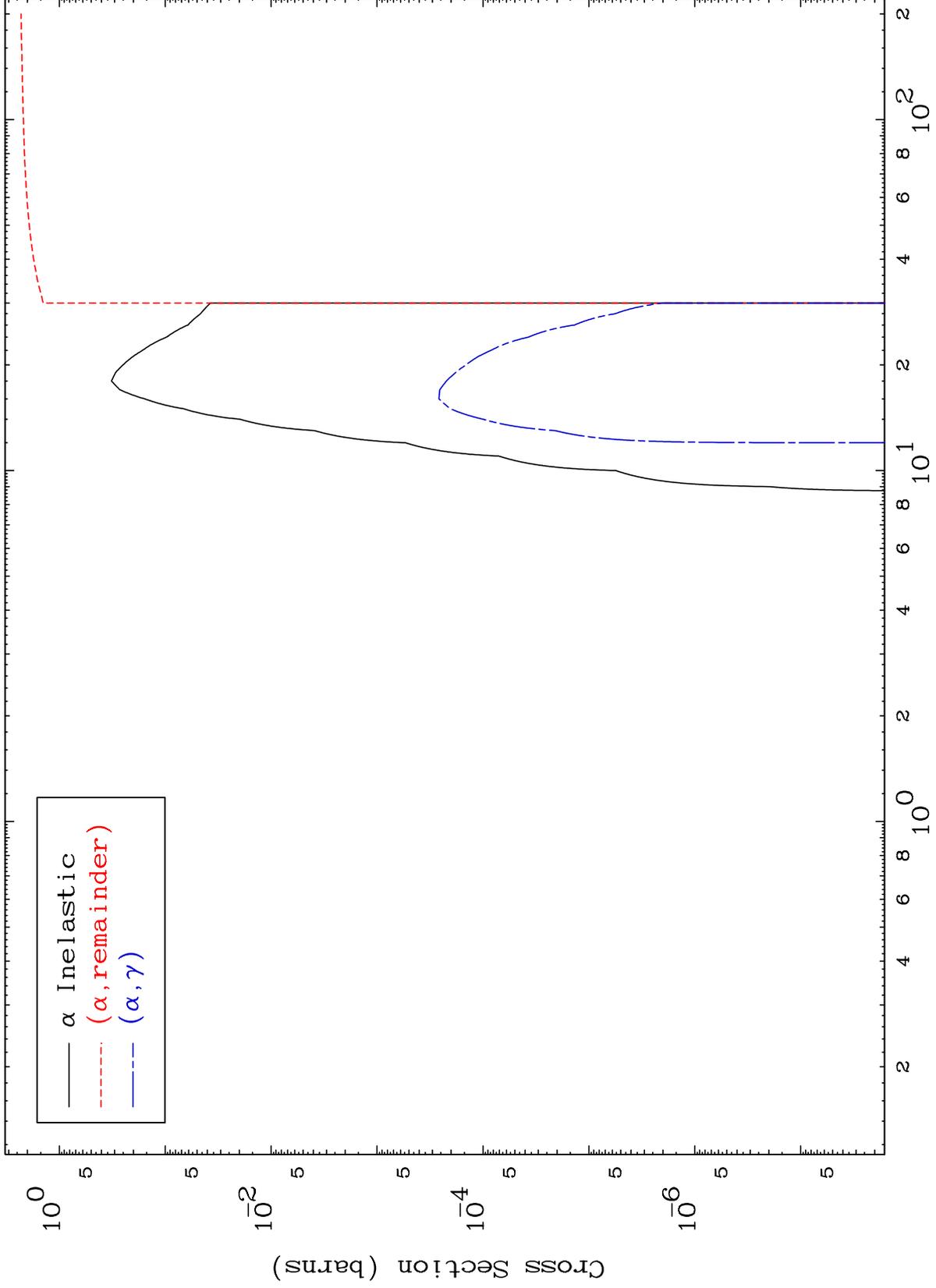
Press Mouse Button to Start

MAT 5519

$\alpha$  Major

55-Cs-131

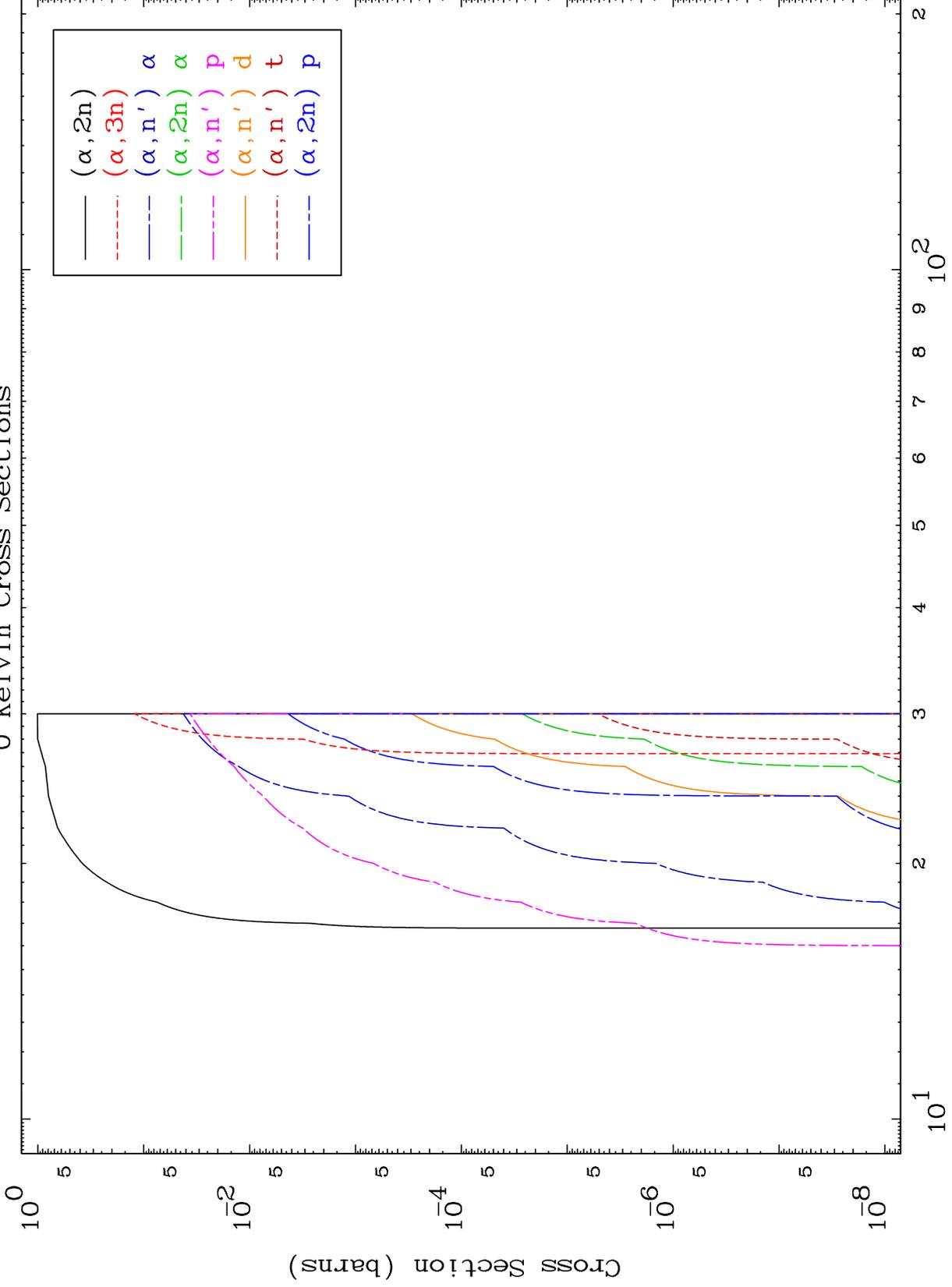
0 Kelvin Cross Sections



MAT 5519

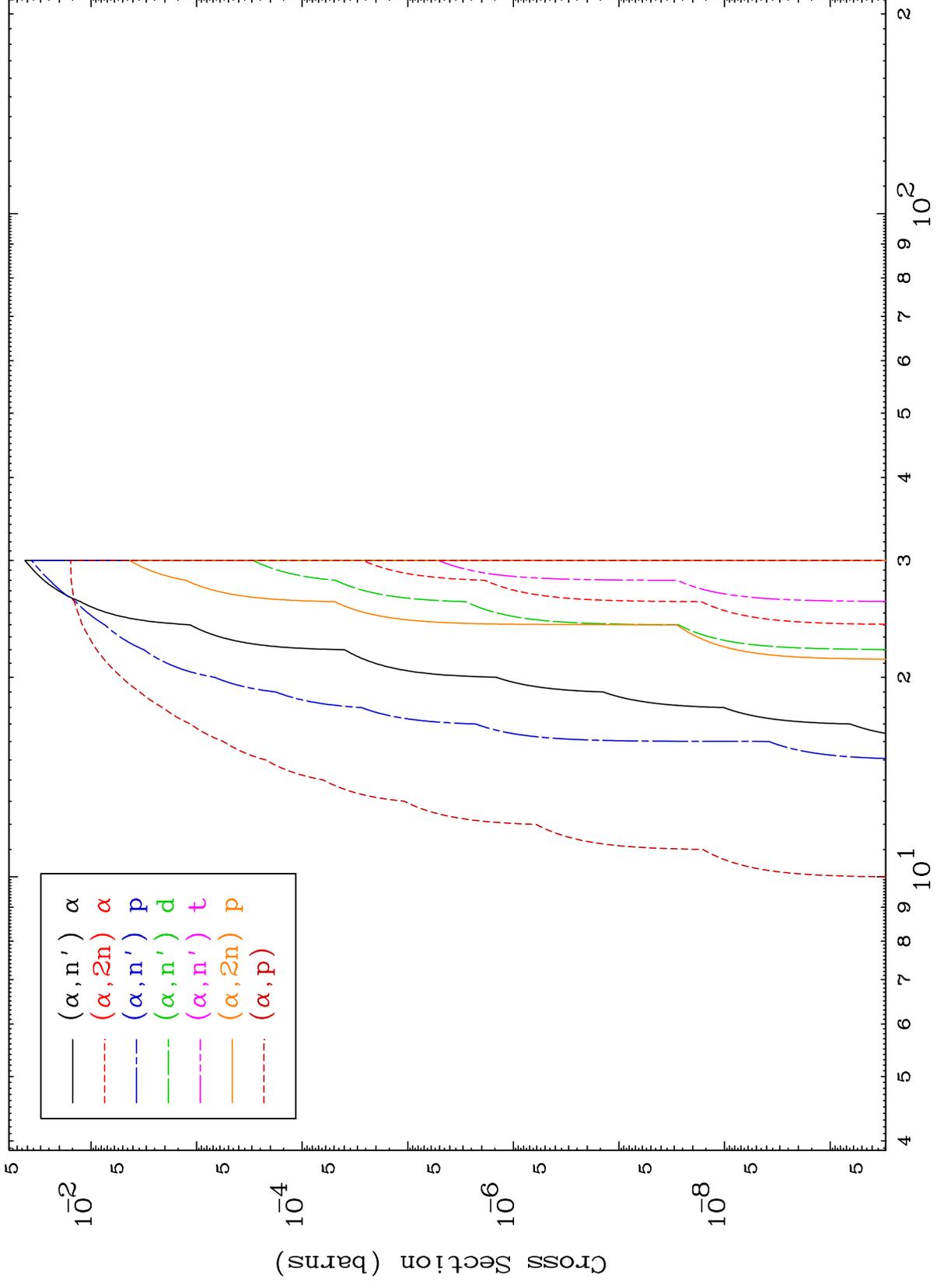
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

55-Cs-131



Incident Energy (MeV)

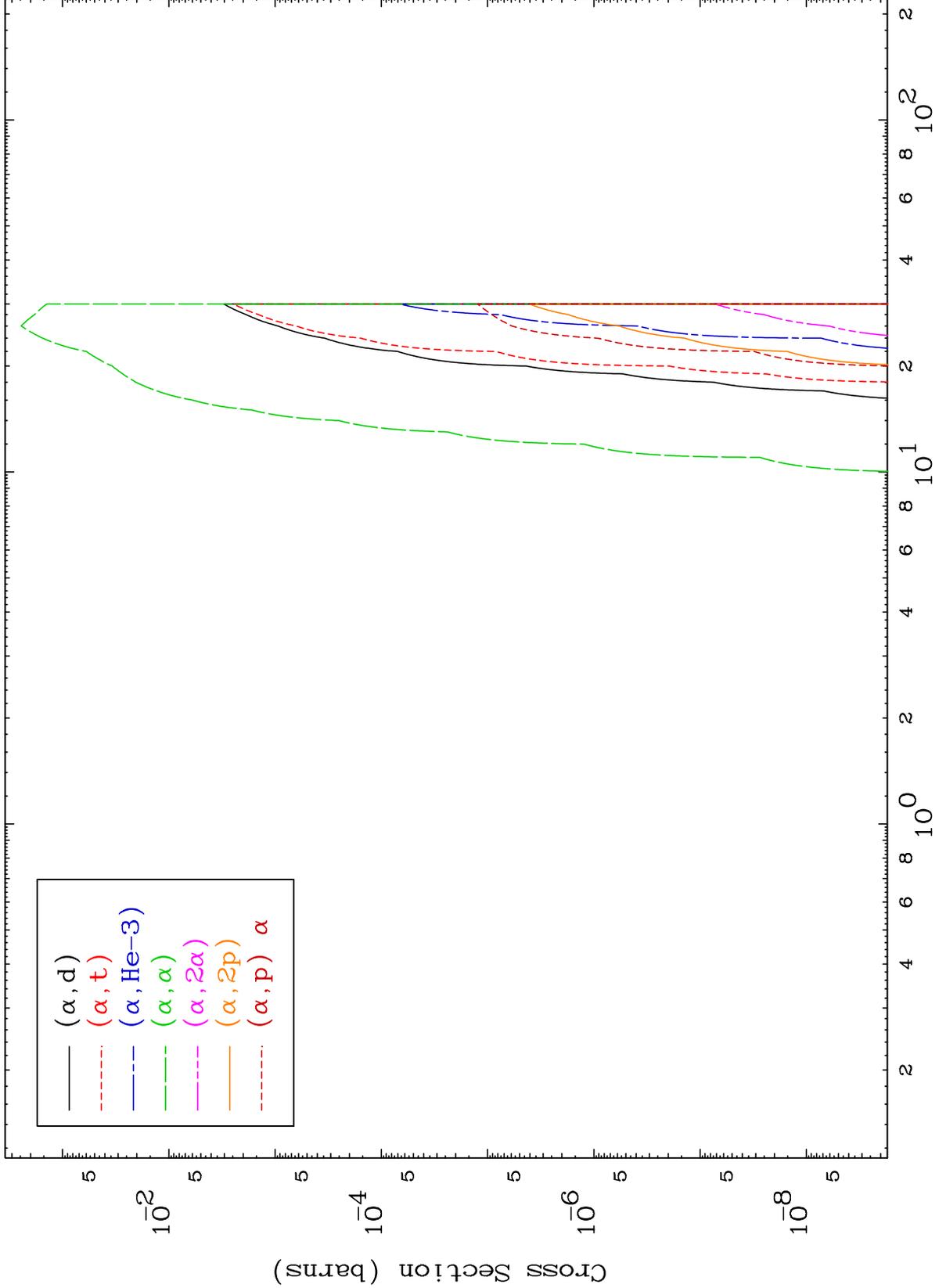
55-Cs-131



MAT 5519

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

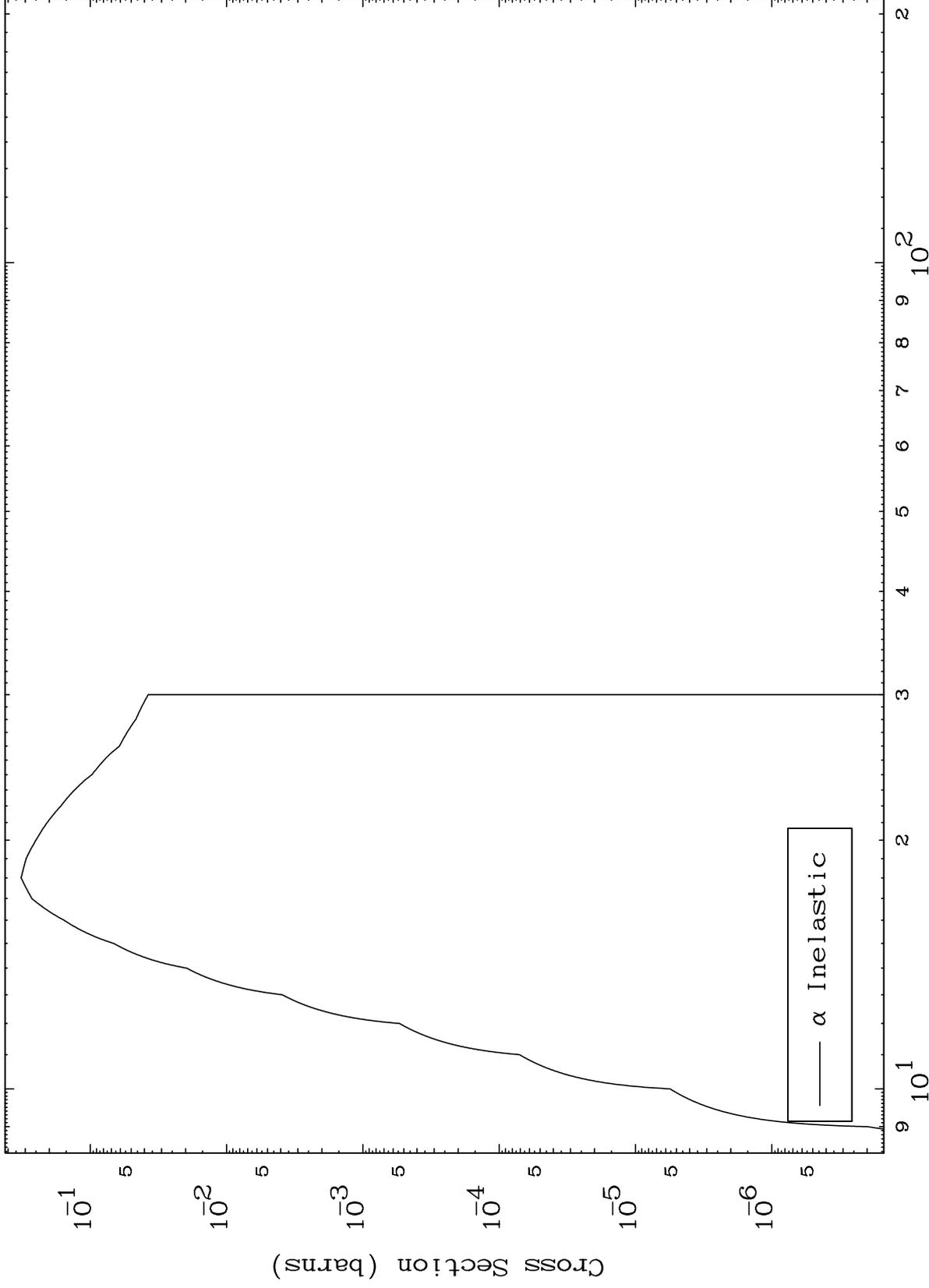
55-Cs-131



MAT 5519

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

55-Cs-131



5

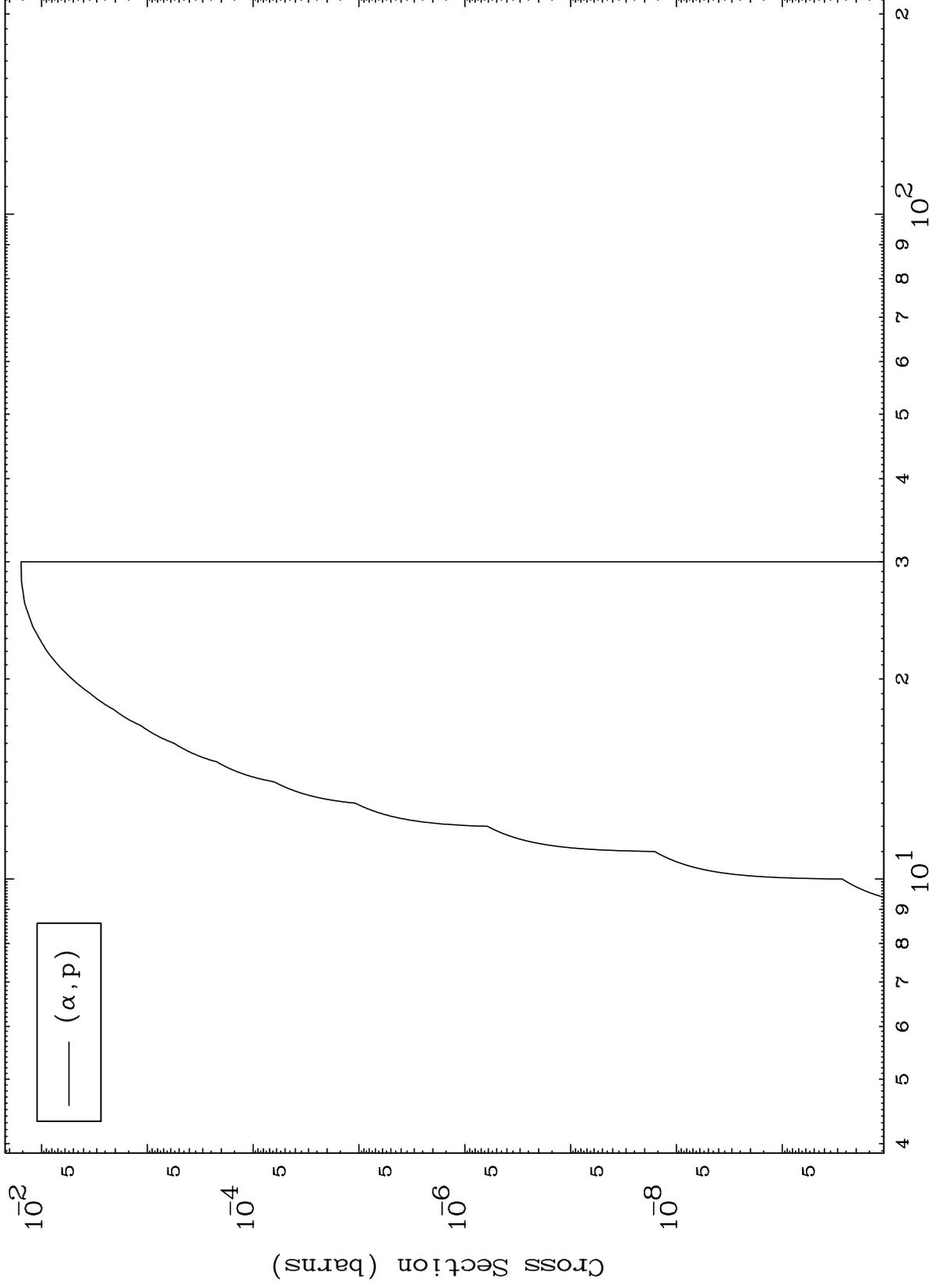
Incident Energy (MeV)

55-Cs-131

MAT 5519

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

55-Cs-131



6

Incident Energy (MeV)

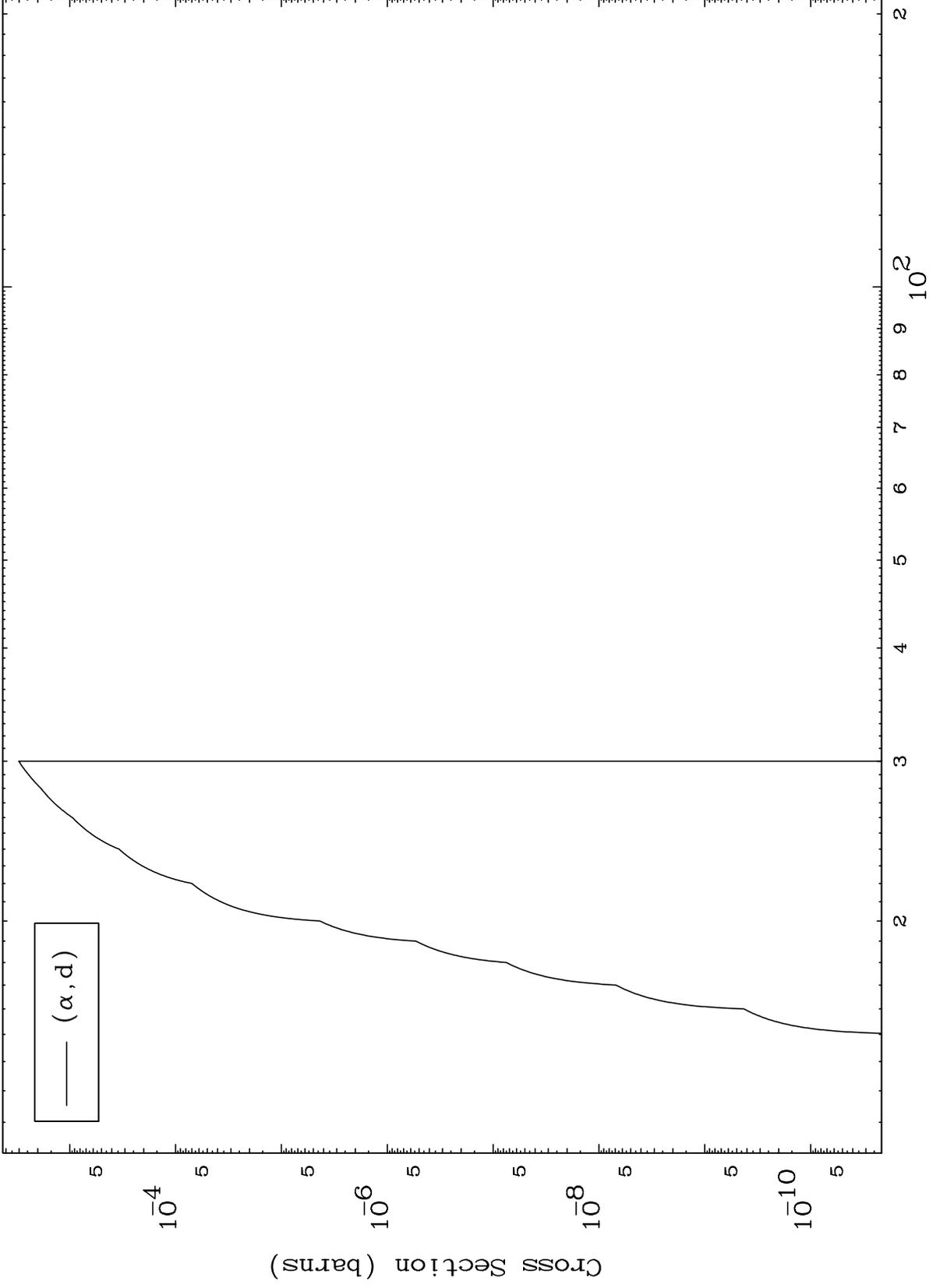
55-Cs-131

MAT 5519

( $\alpha, d$ ) Levels

55-Cs-131

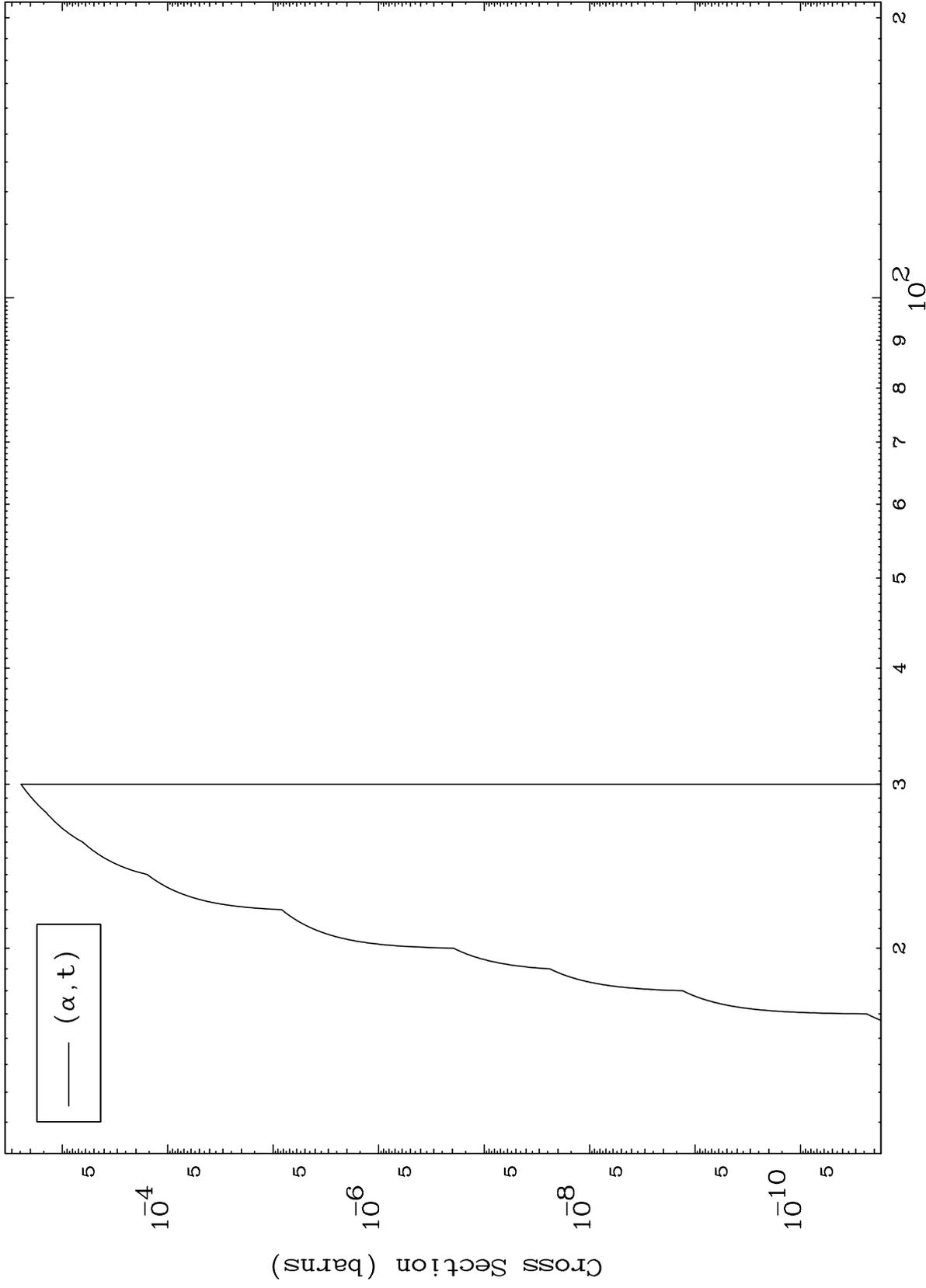
0 Kelvin Cross Sections



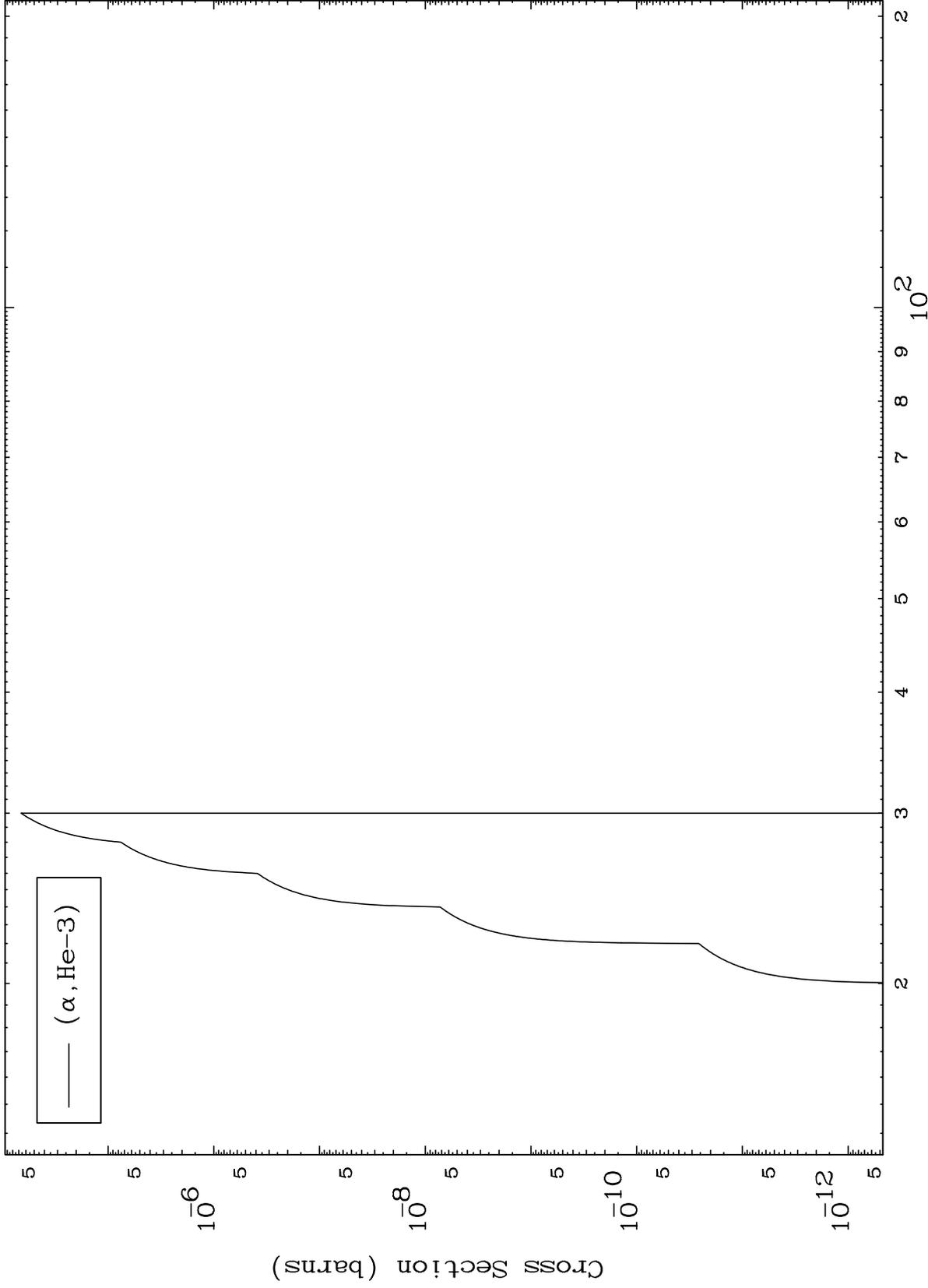
7

Incident Energy (MeV)

55-Cs-131



0 Kelvin Cross Sections

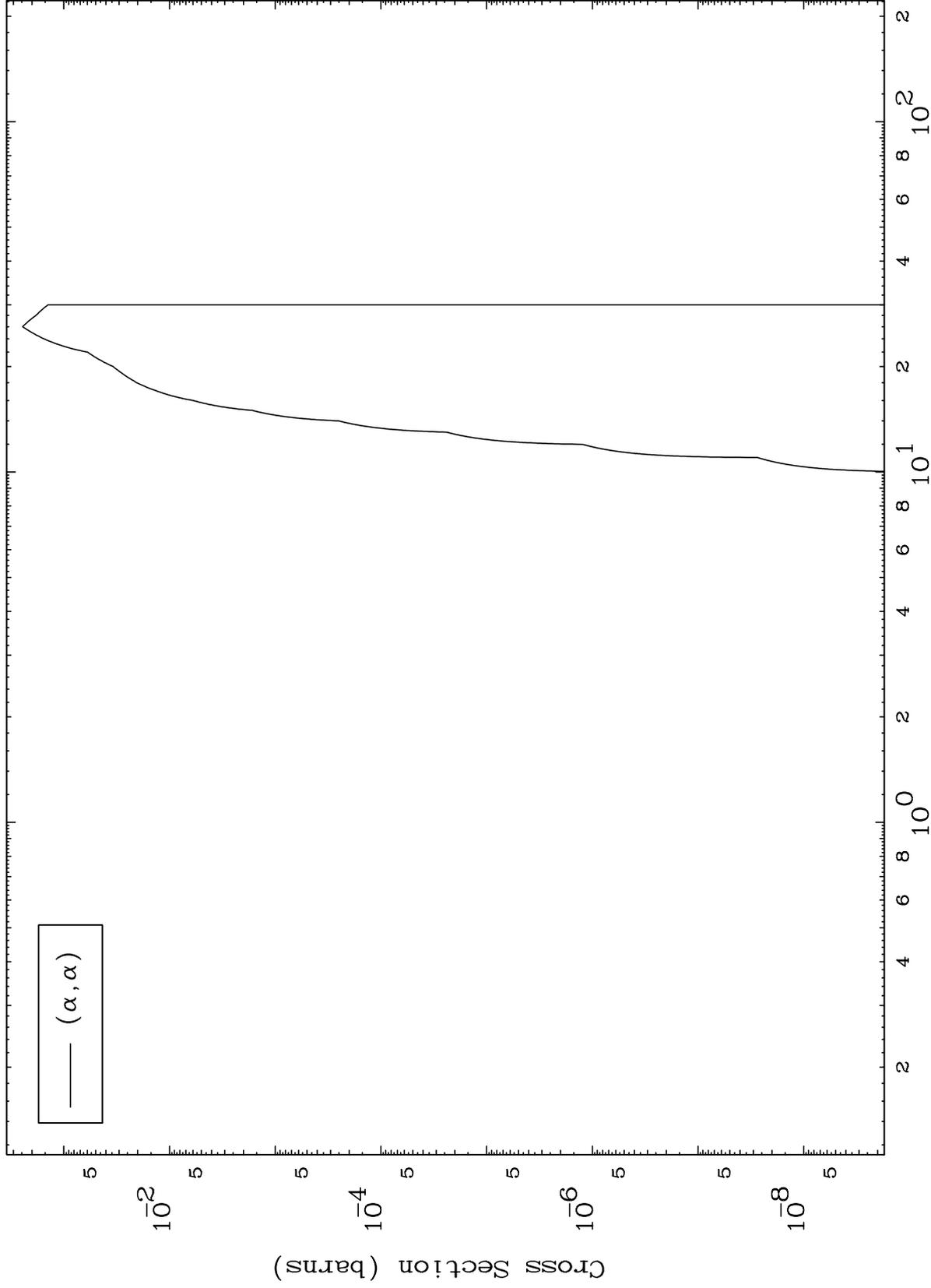


MAT 5519

( $\alpha, \alpha$ ) Levels

55-Cs-131

0 Kelvin Cross Sections



10

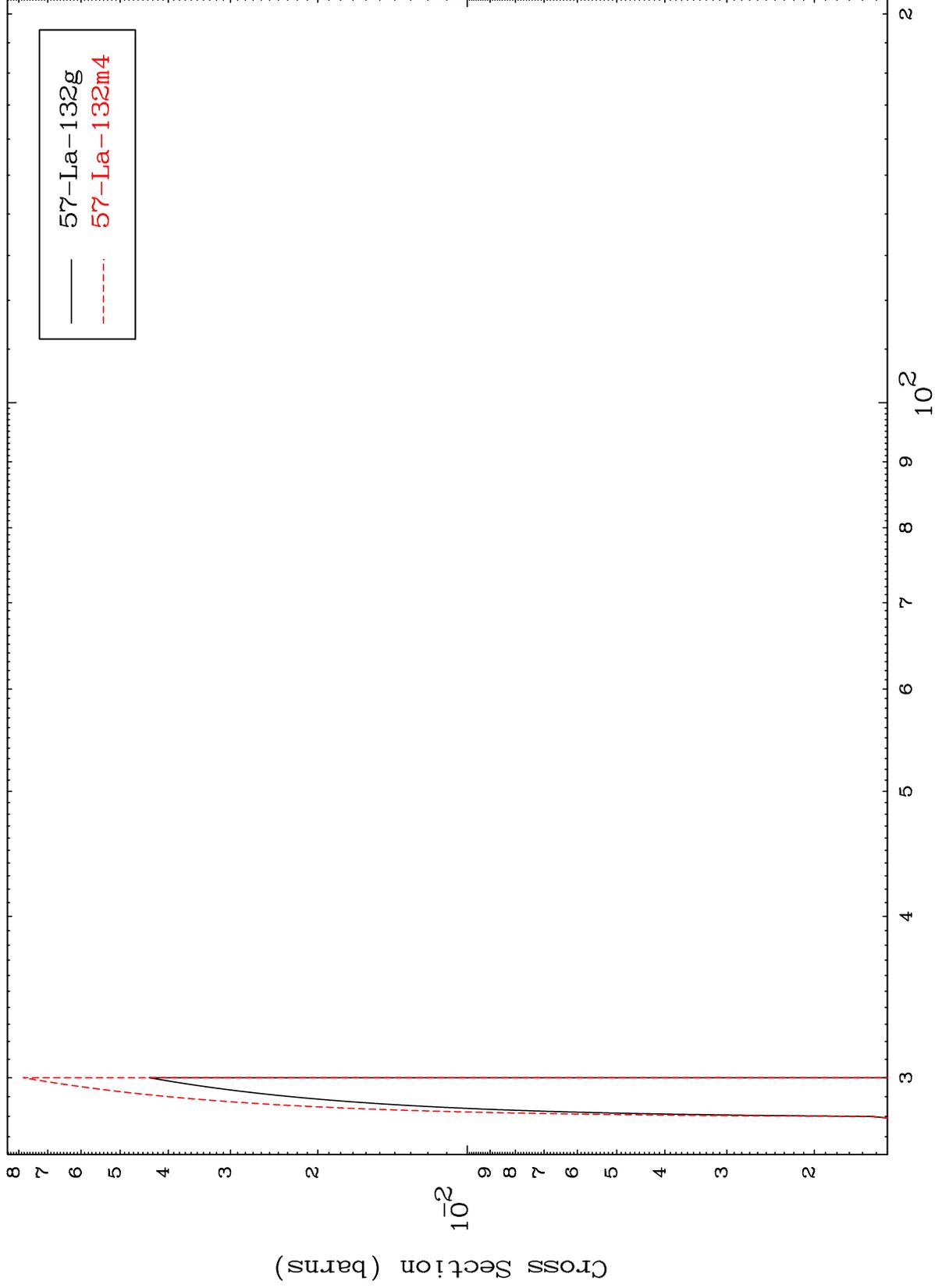
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

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



11

55-Cs-131

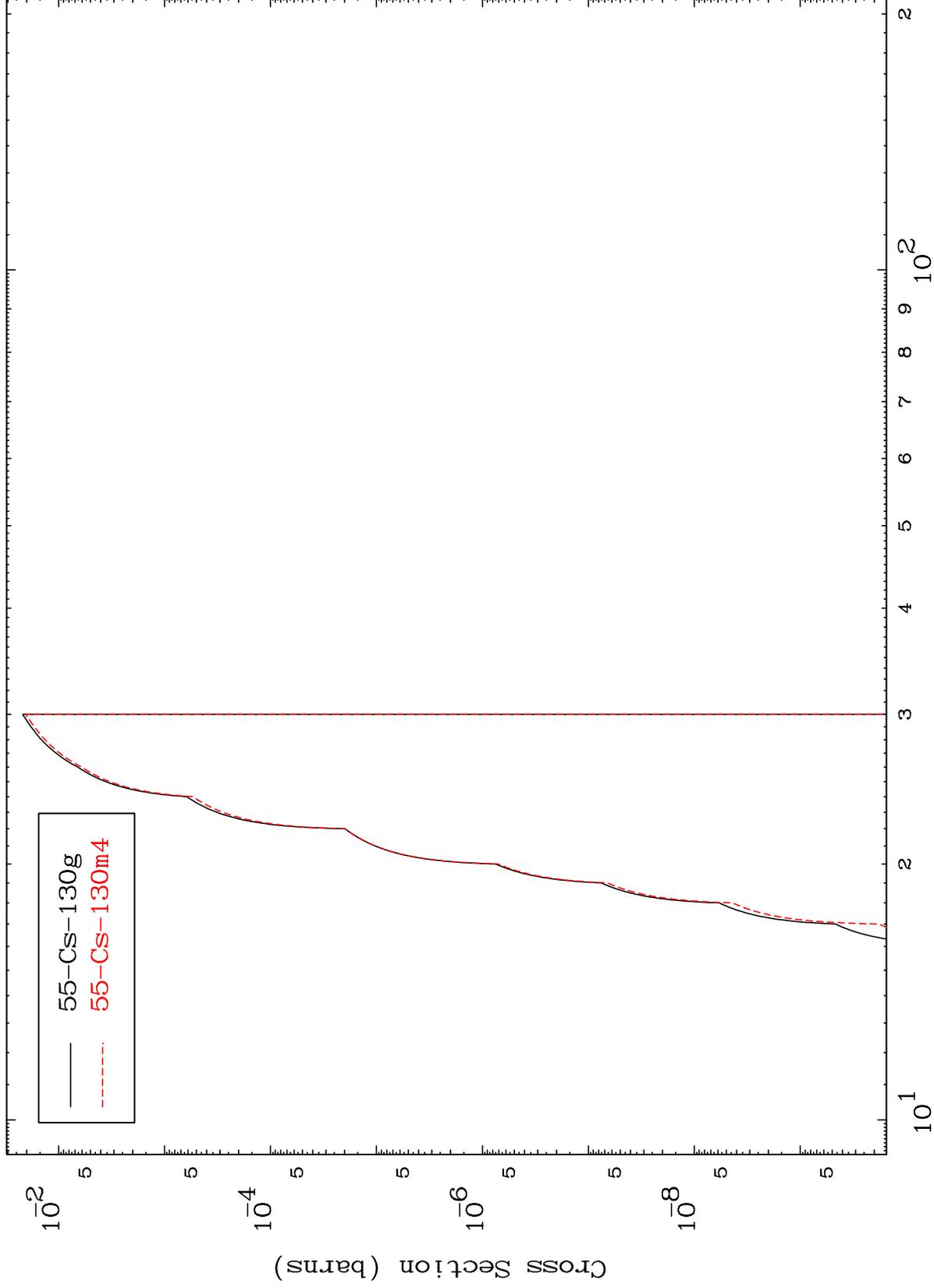
Incident Energy (MeV)

MAT 5519

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

55-Cs-131

Radionuclide Production Cross Section

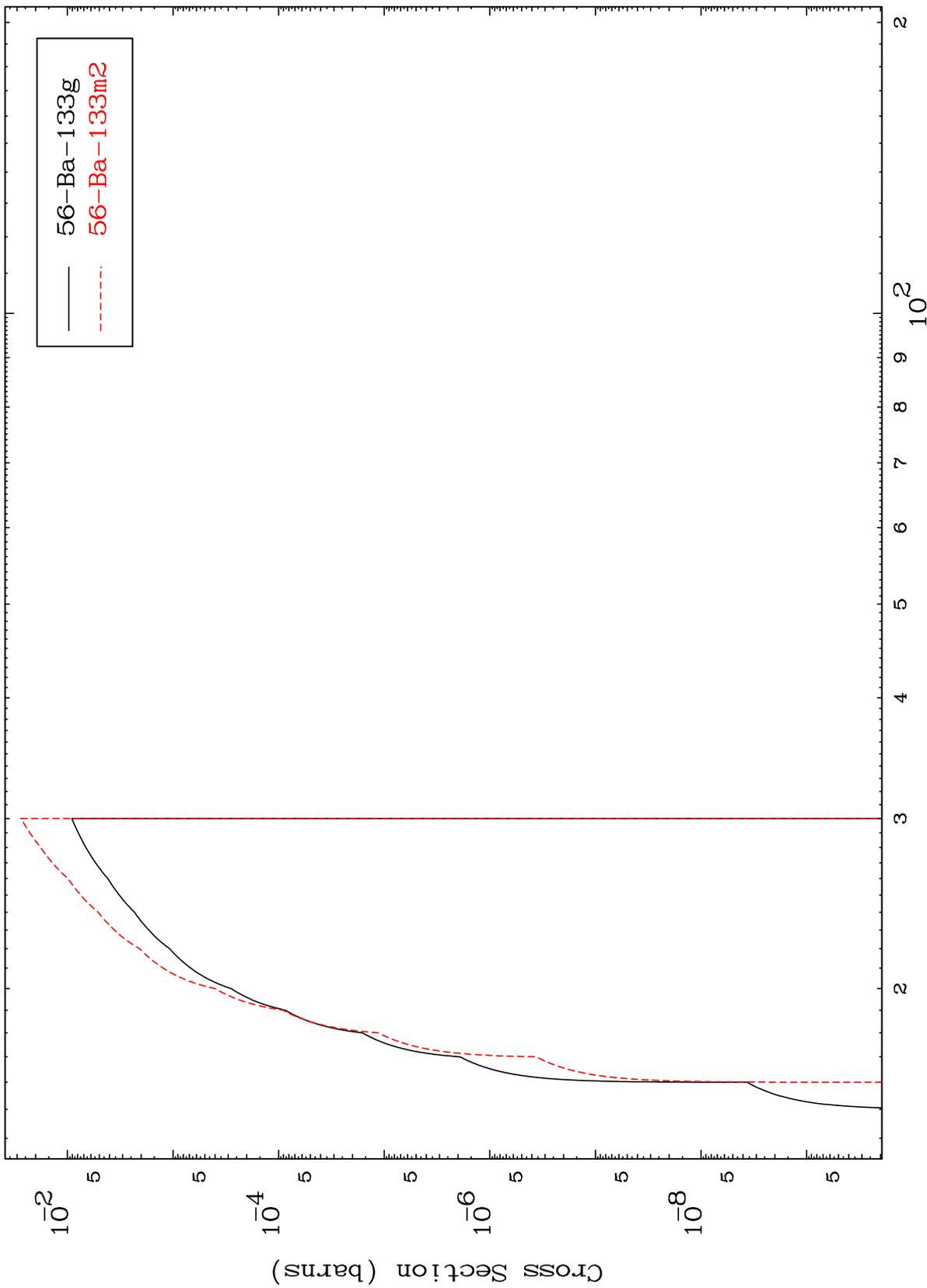


12

Incident Energy (MeV)

55-Cs-131

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

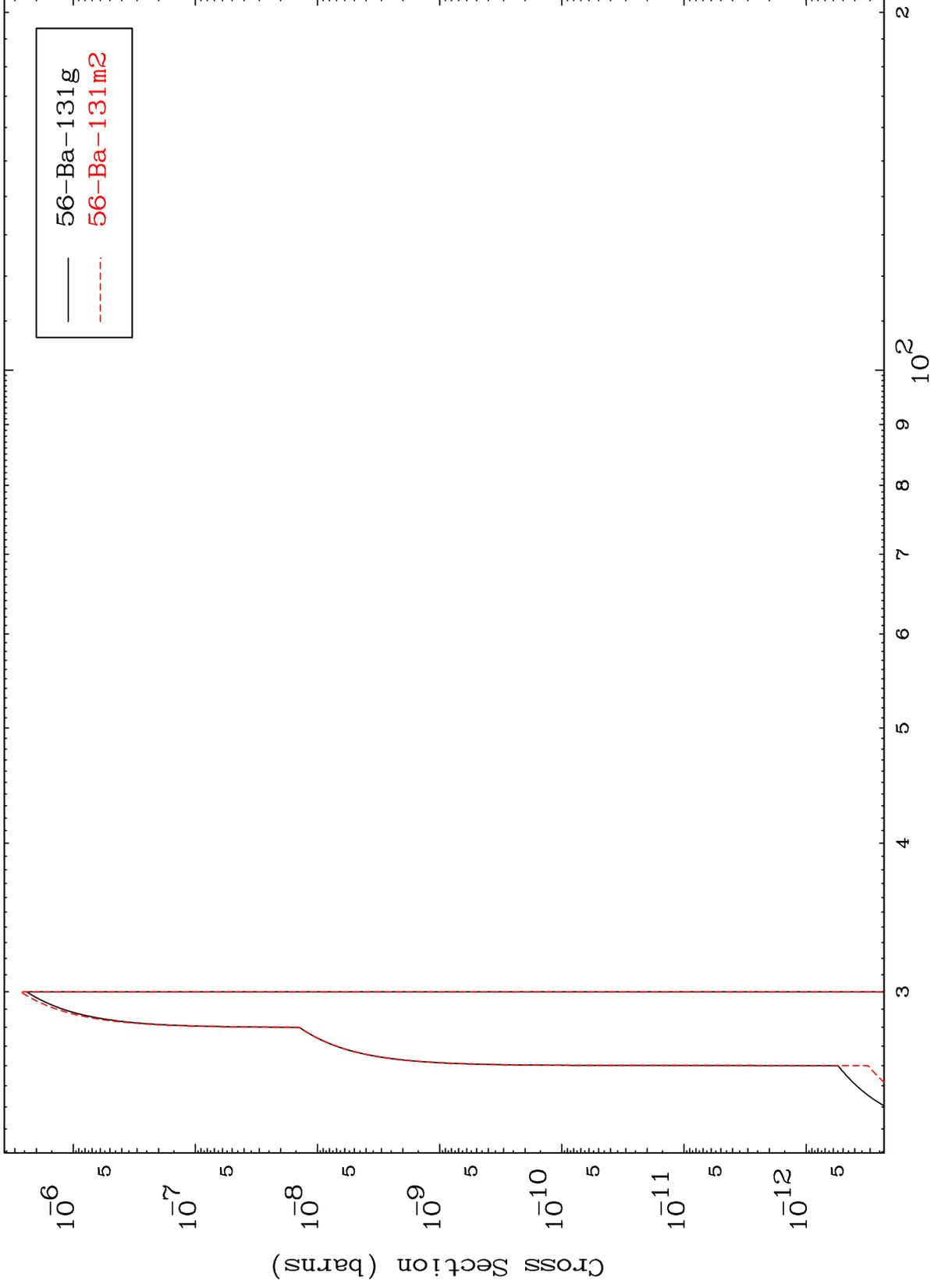


MAT 5519

( $\alpha, n'$ ) t

55-Cs-131

Radionuclide Production Cross Section



14

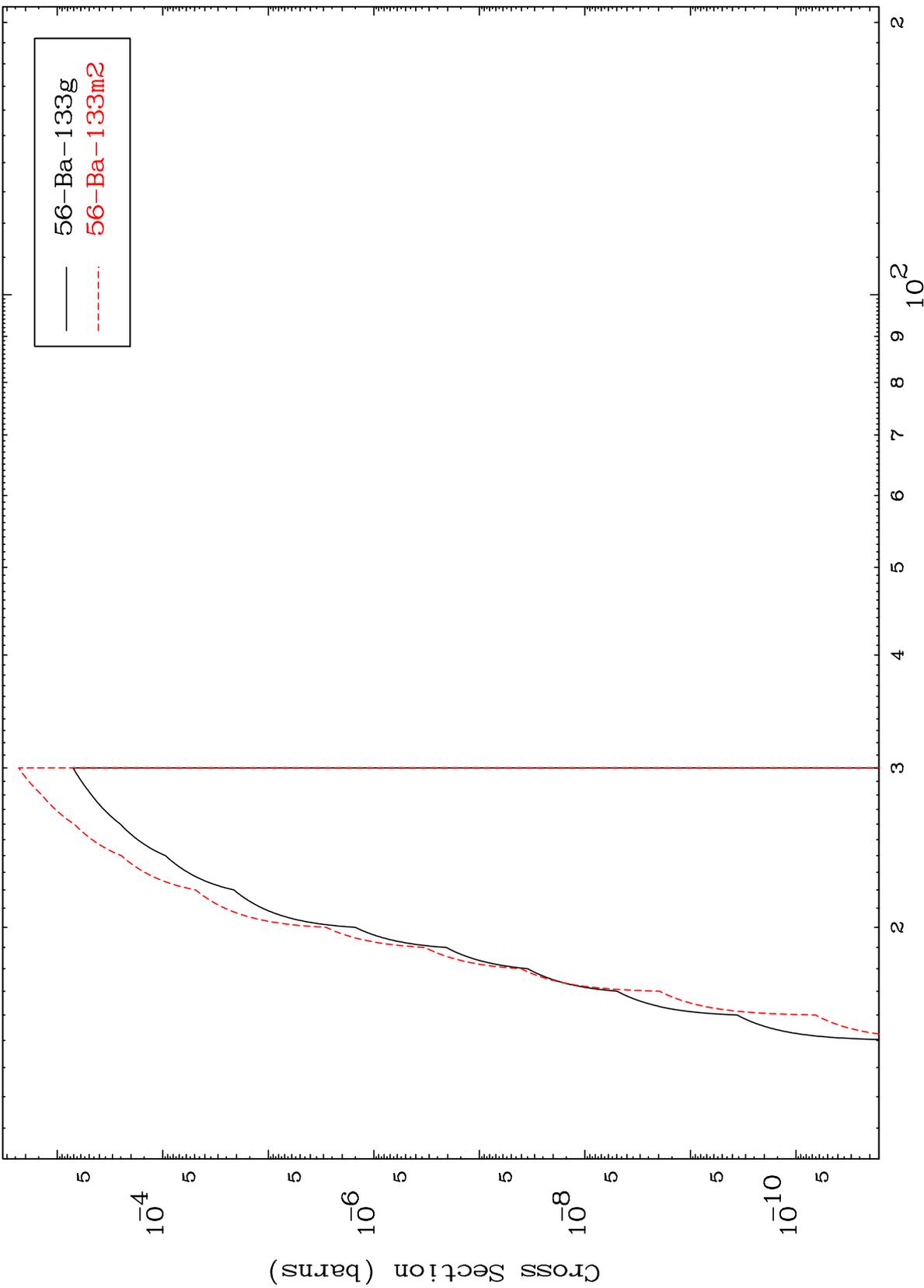
Incident Energy (MeV)

55-Cs-131

MAT 5519

55-Cs-131

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



15

Incident Energy (MeV)

55-Cs-131