

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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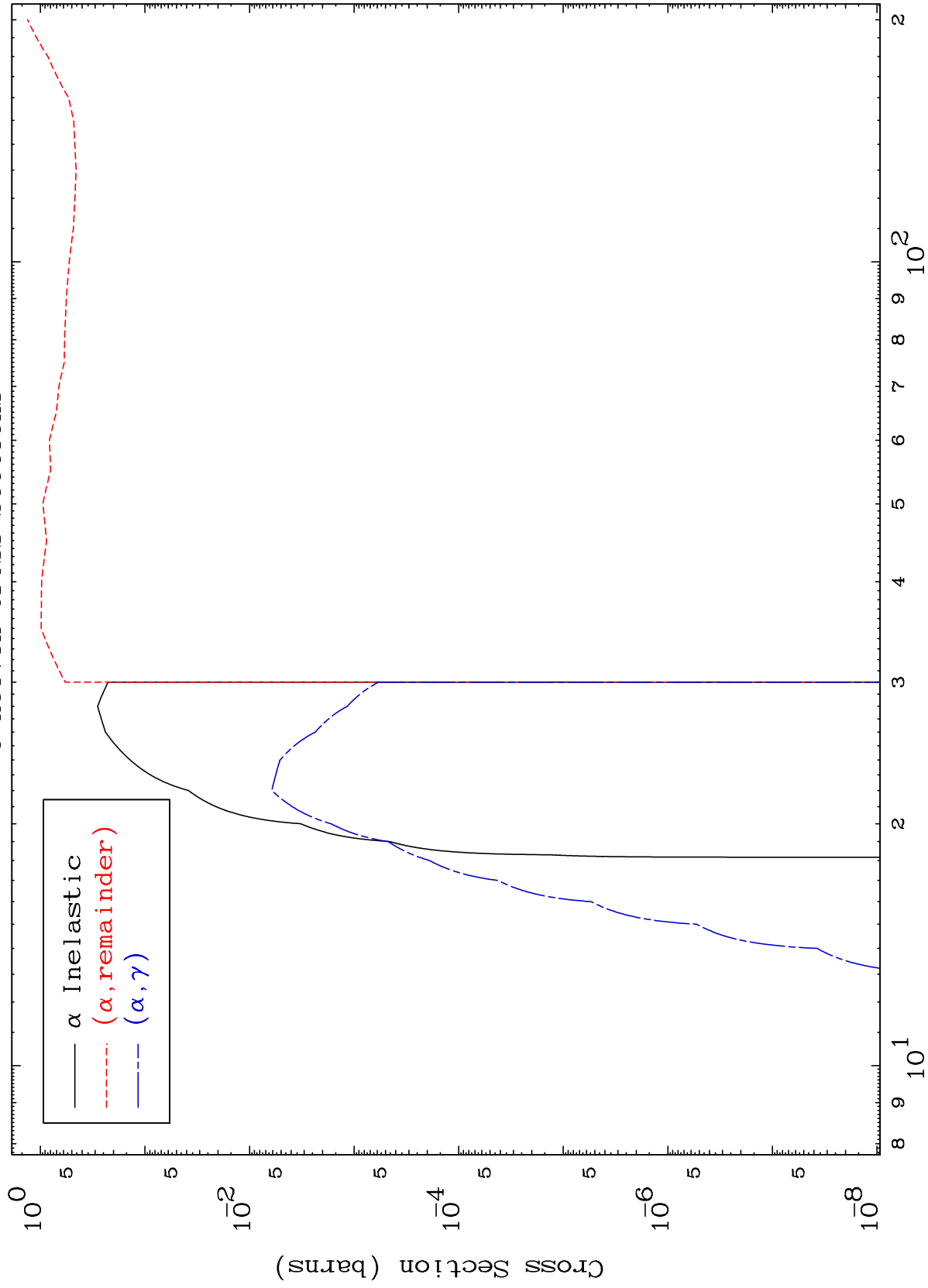
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8780

0 Kelvin  $\alpha$  Major  
Cross Sections

88-Ra-208



1

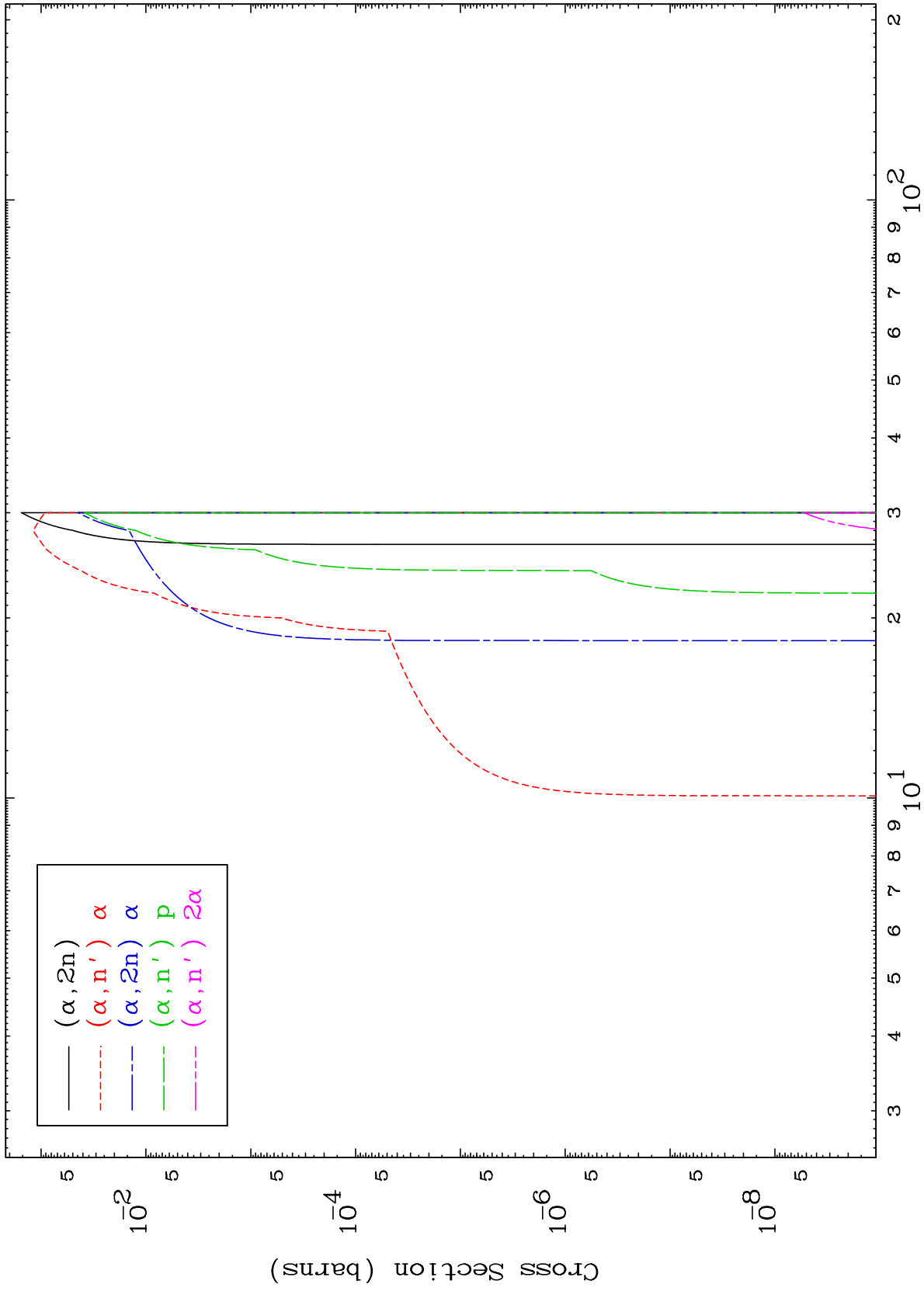
Incident Energy (MeV)

88-Ra-208

MAT 8780

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

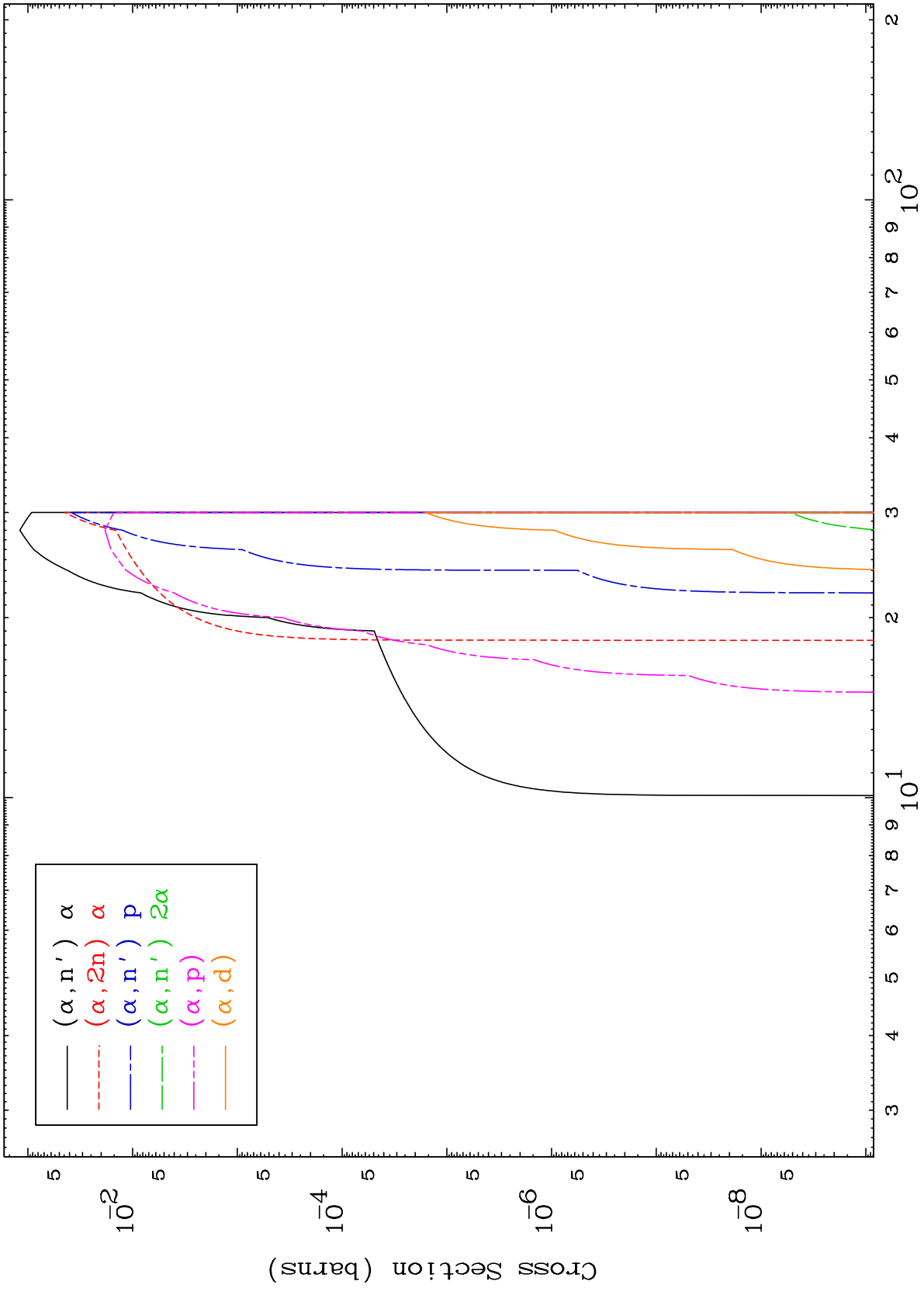
88-Ra-208



2

Incident Energy (MeV)

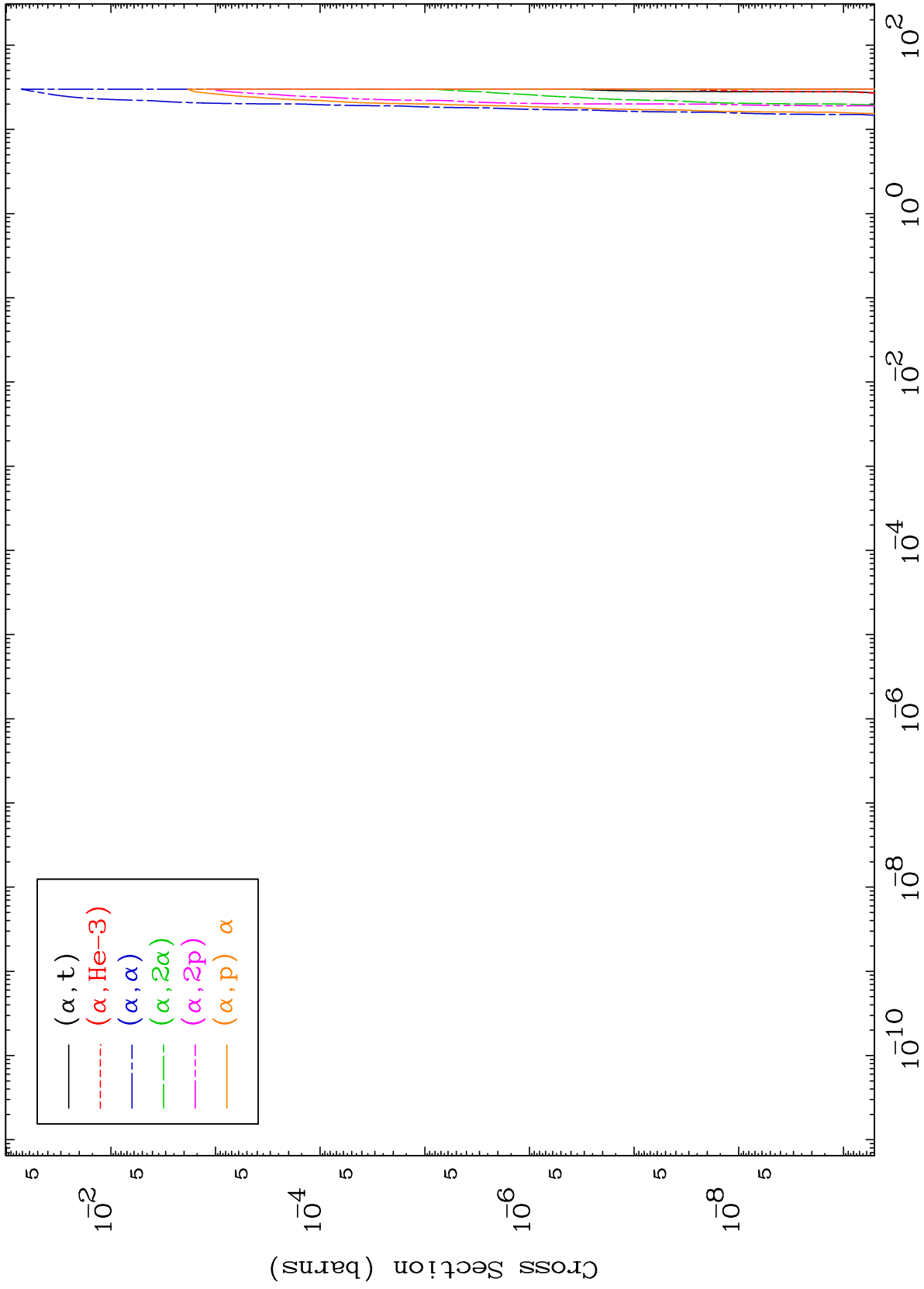
88-Ra-208



MAT 8780

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

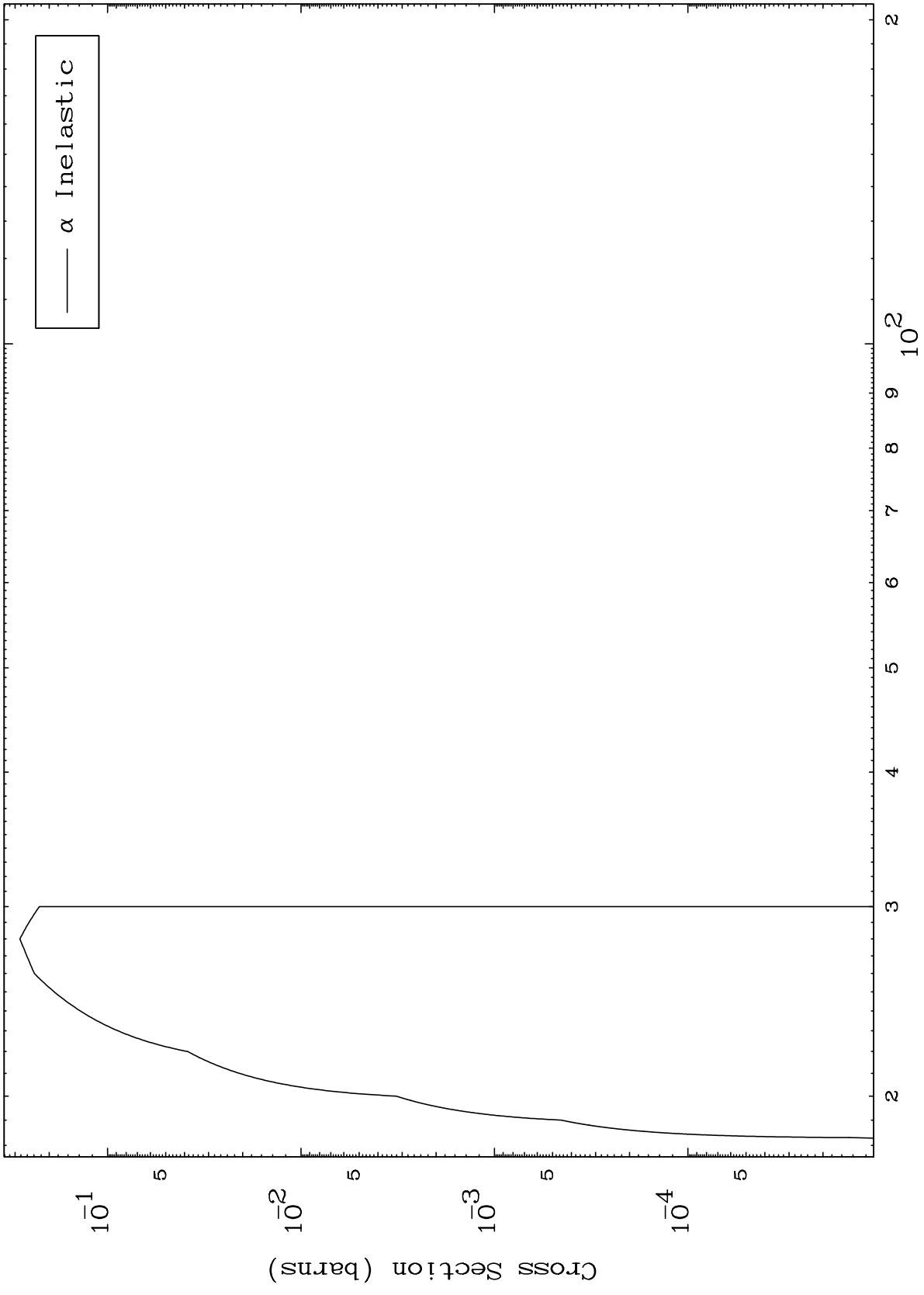
88-Ra-208



MAT 8780

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

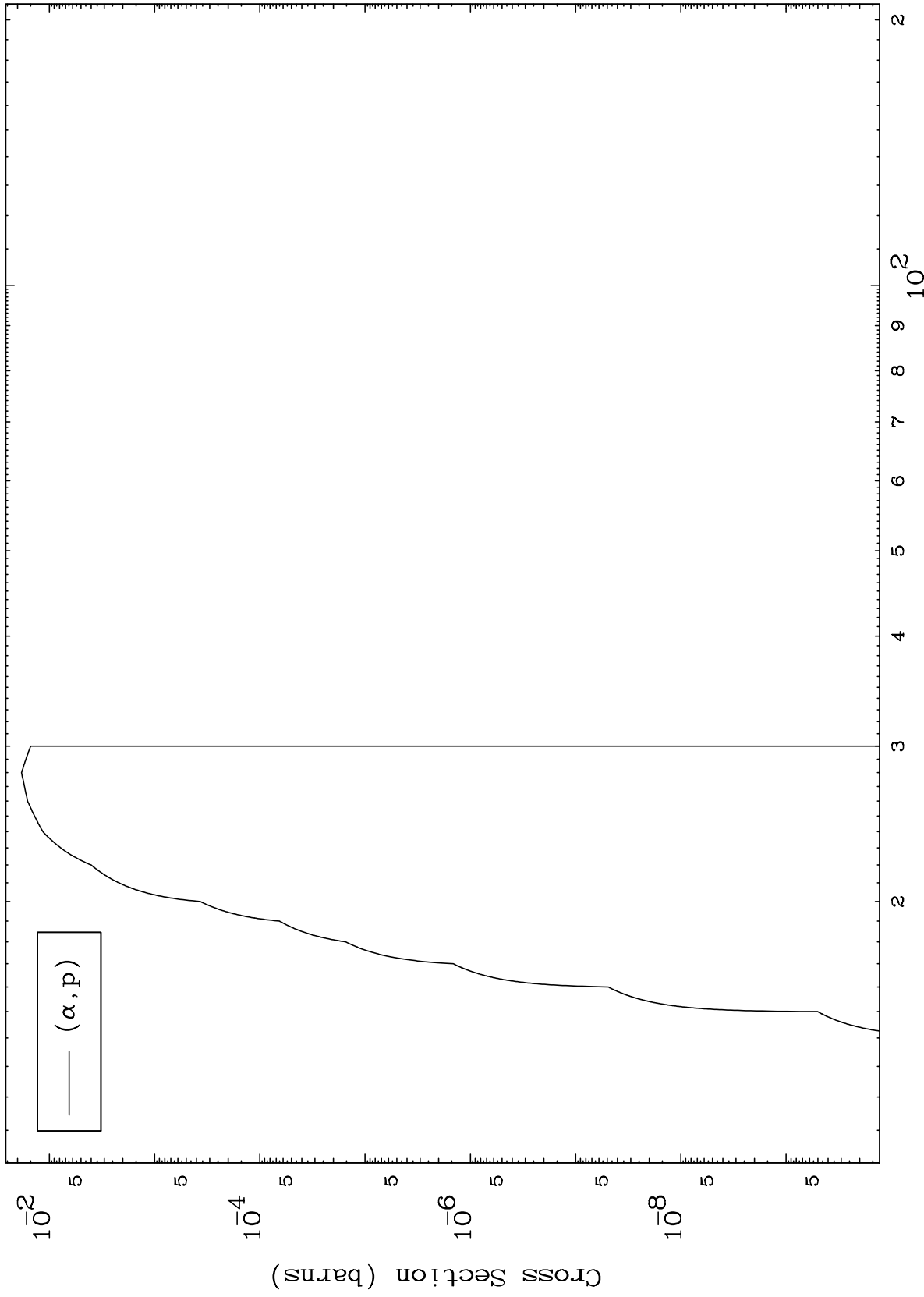
88-Ra-208



5

Incident Energy (MeV)

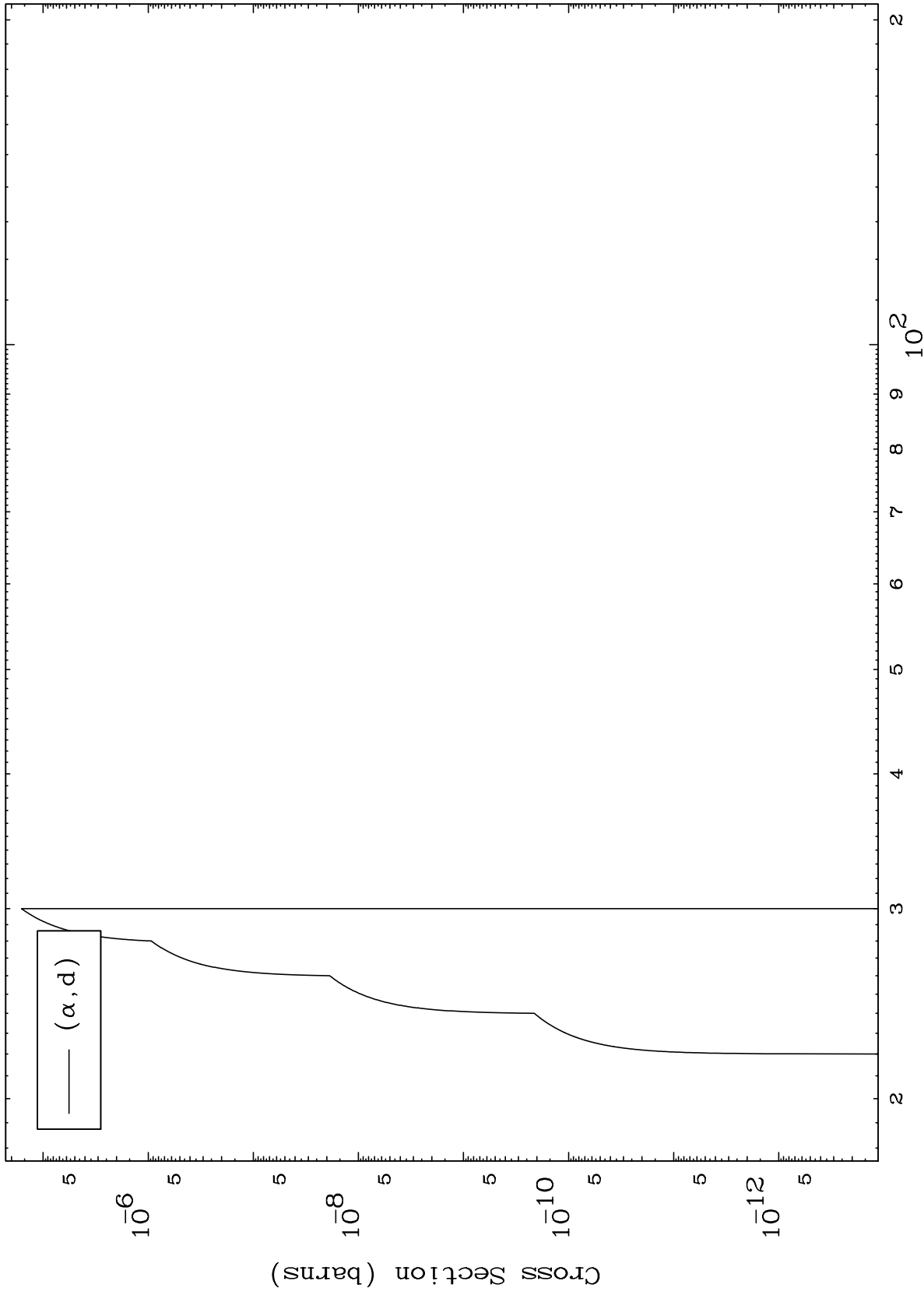
88-Ra-208



MAT 8780

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

88-Ra-208



7

Incident Energy (MeV)

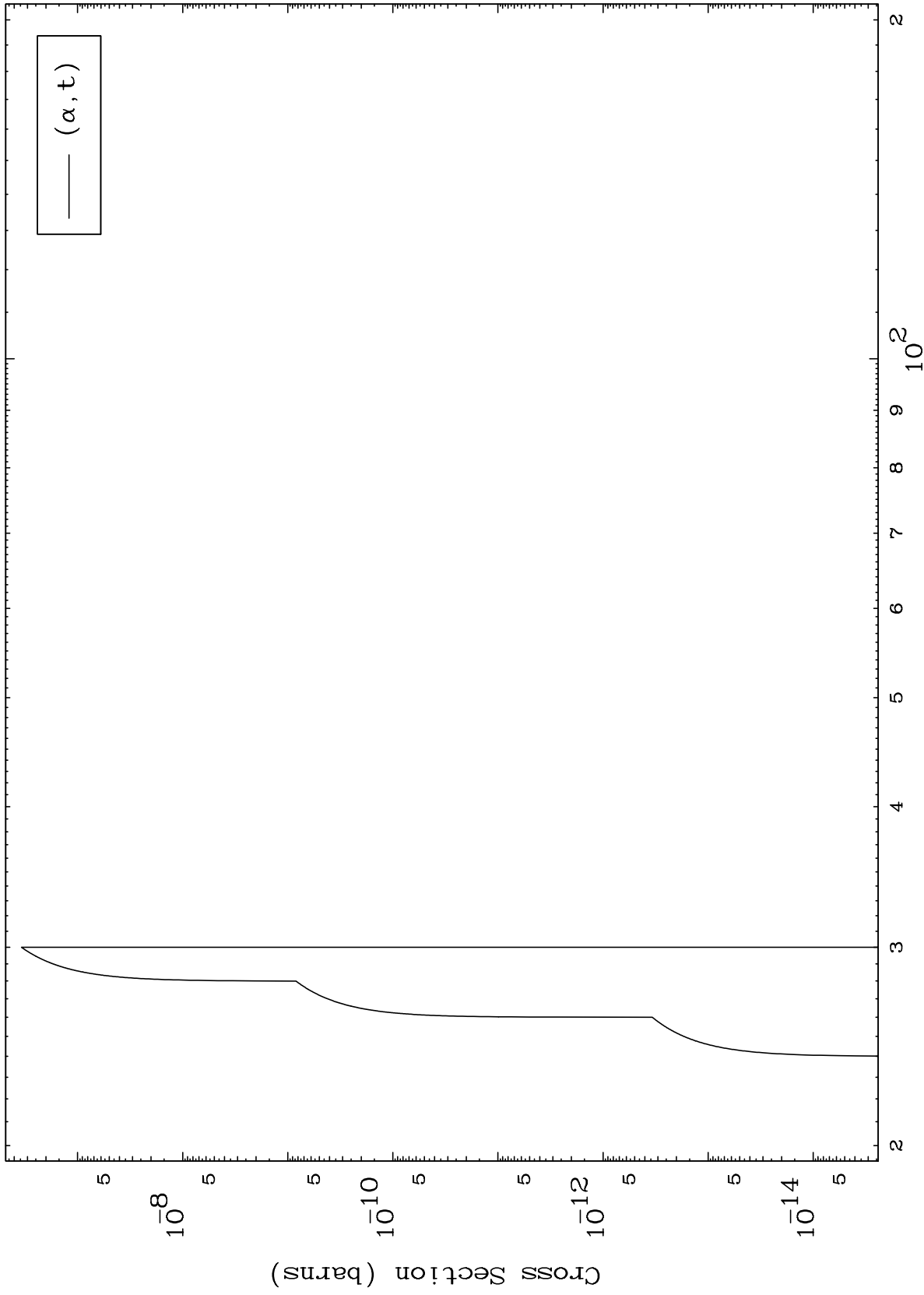
88-Ra-208



MAT 8780

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

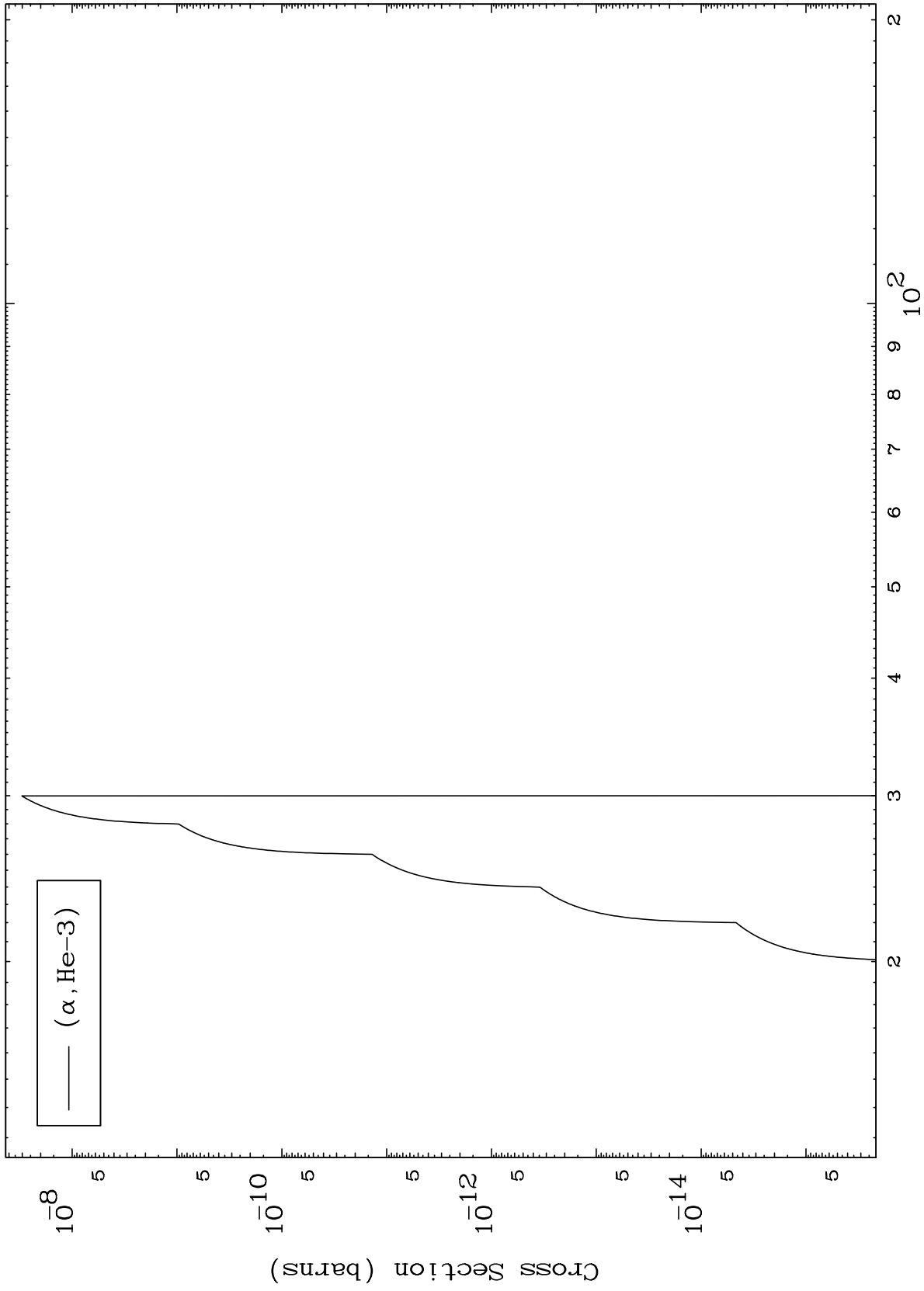
88-Ra-208



8

Incident Energy (MeV)

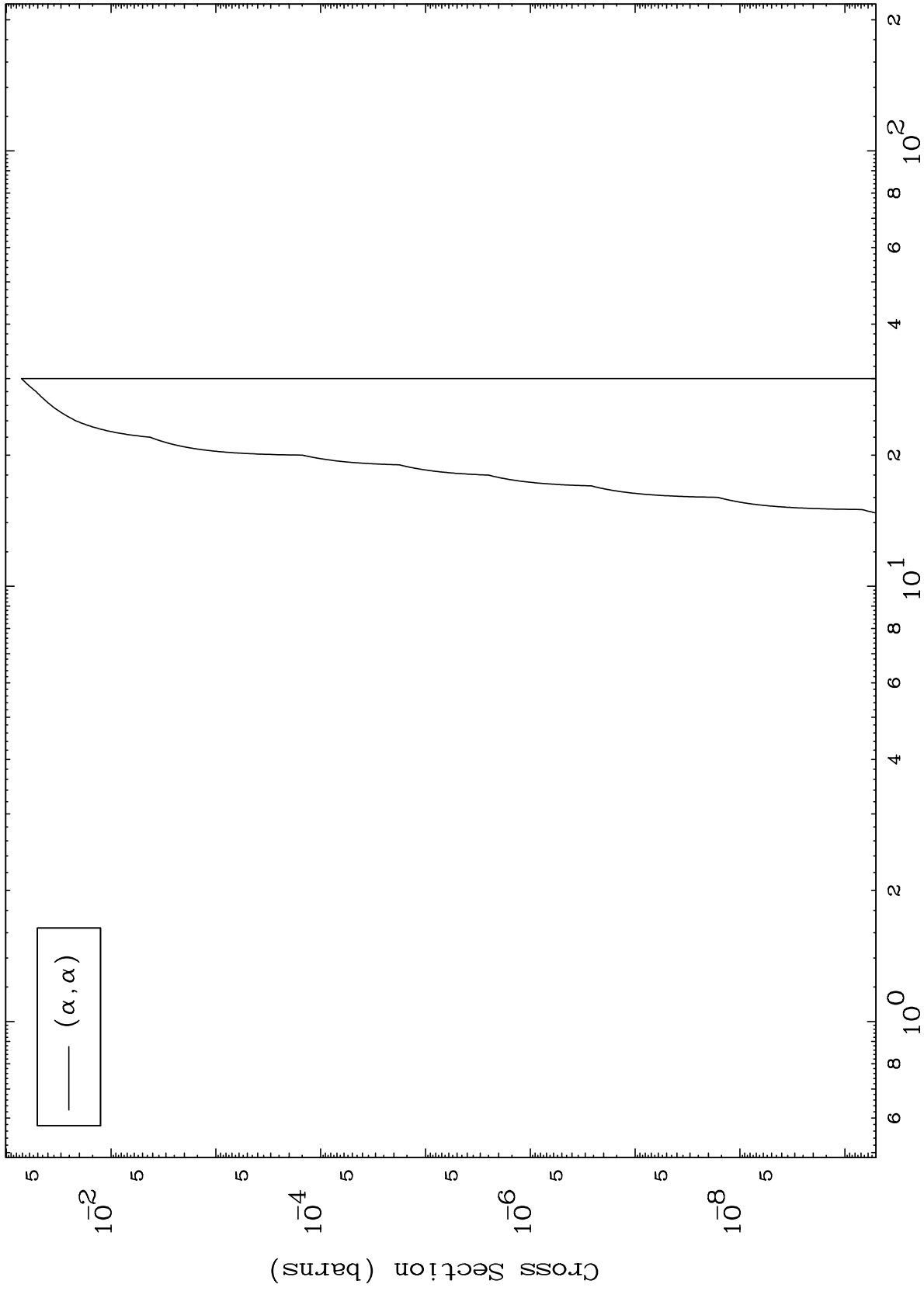
88-Ra-208



MAT 8780

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

88-Ra-208



10

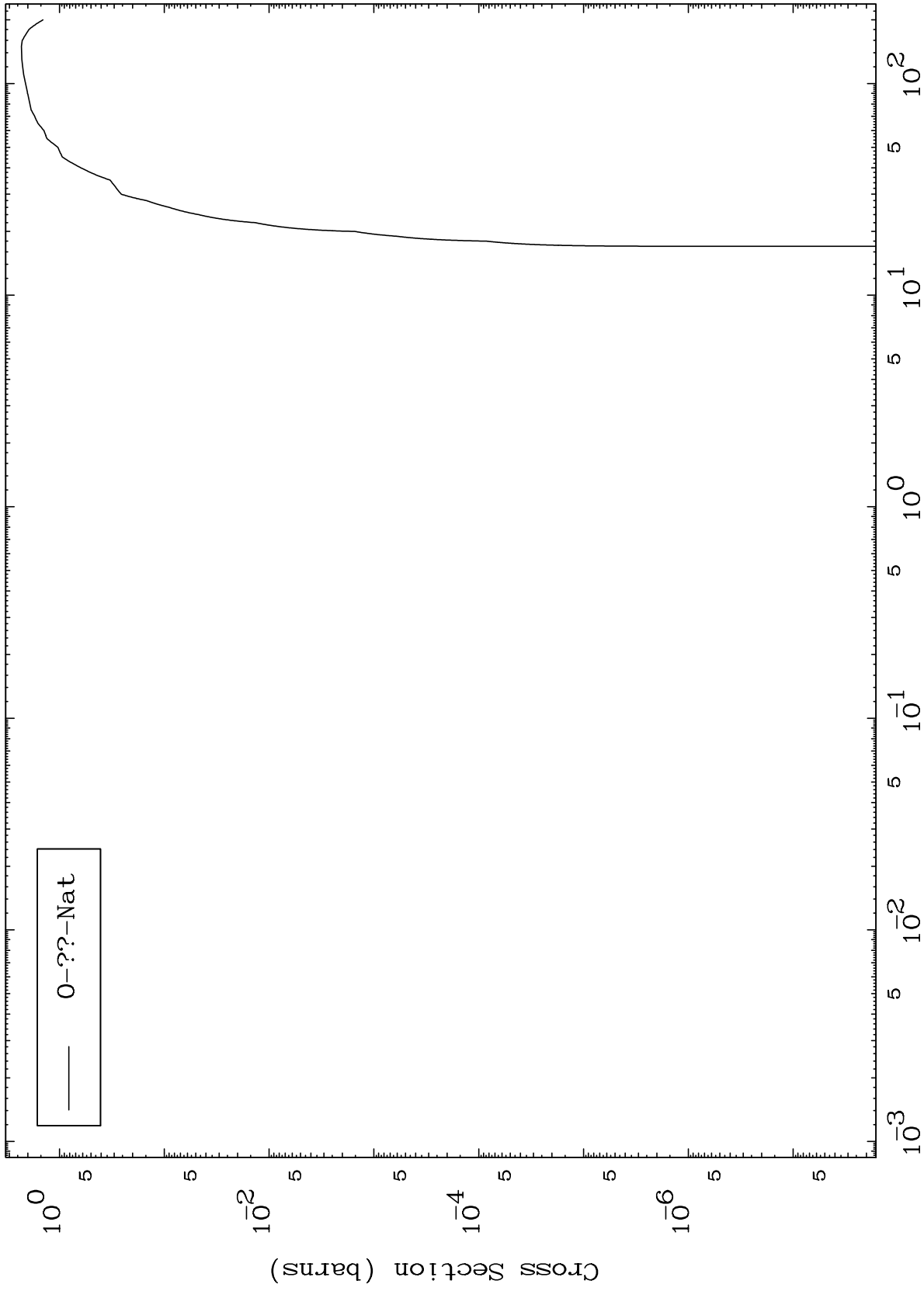
Incident Energy (MeV)

88-Ra-208

MAT 8780

$\alpha$  Fission  
Radionuclide Production Cross Section

88-Ra-208



11

Incident Energy (MeV)

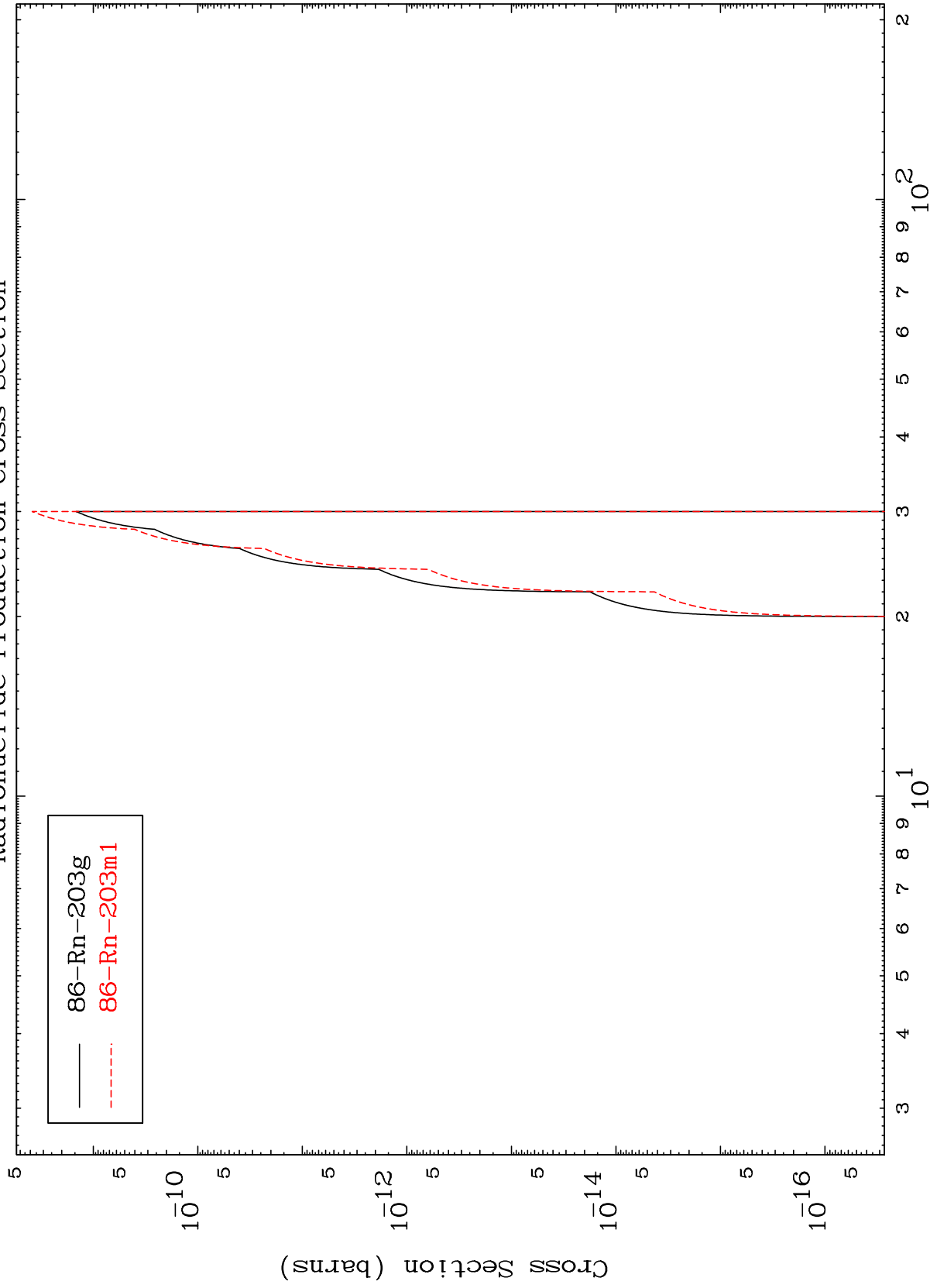
88-Ra-208

MAT 8780

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

88-Ra-208

Radionuclide Production Cross Section



12

Incident Energy (MeV)

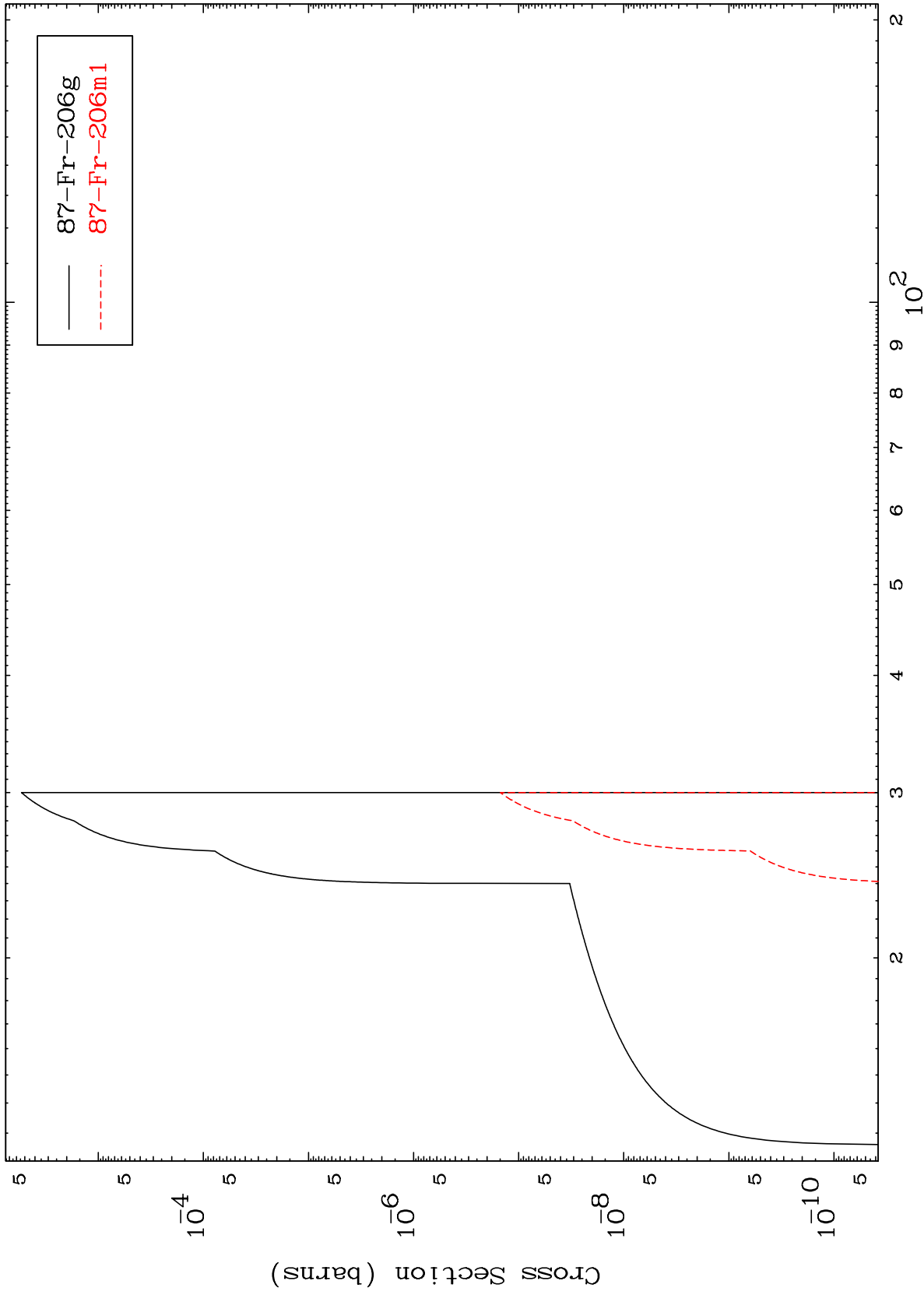
88-Ra-208

MAT 8780

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

88-Ra-208

Radionuclide Production Cross Section



13

Incident Energy (MeV)

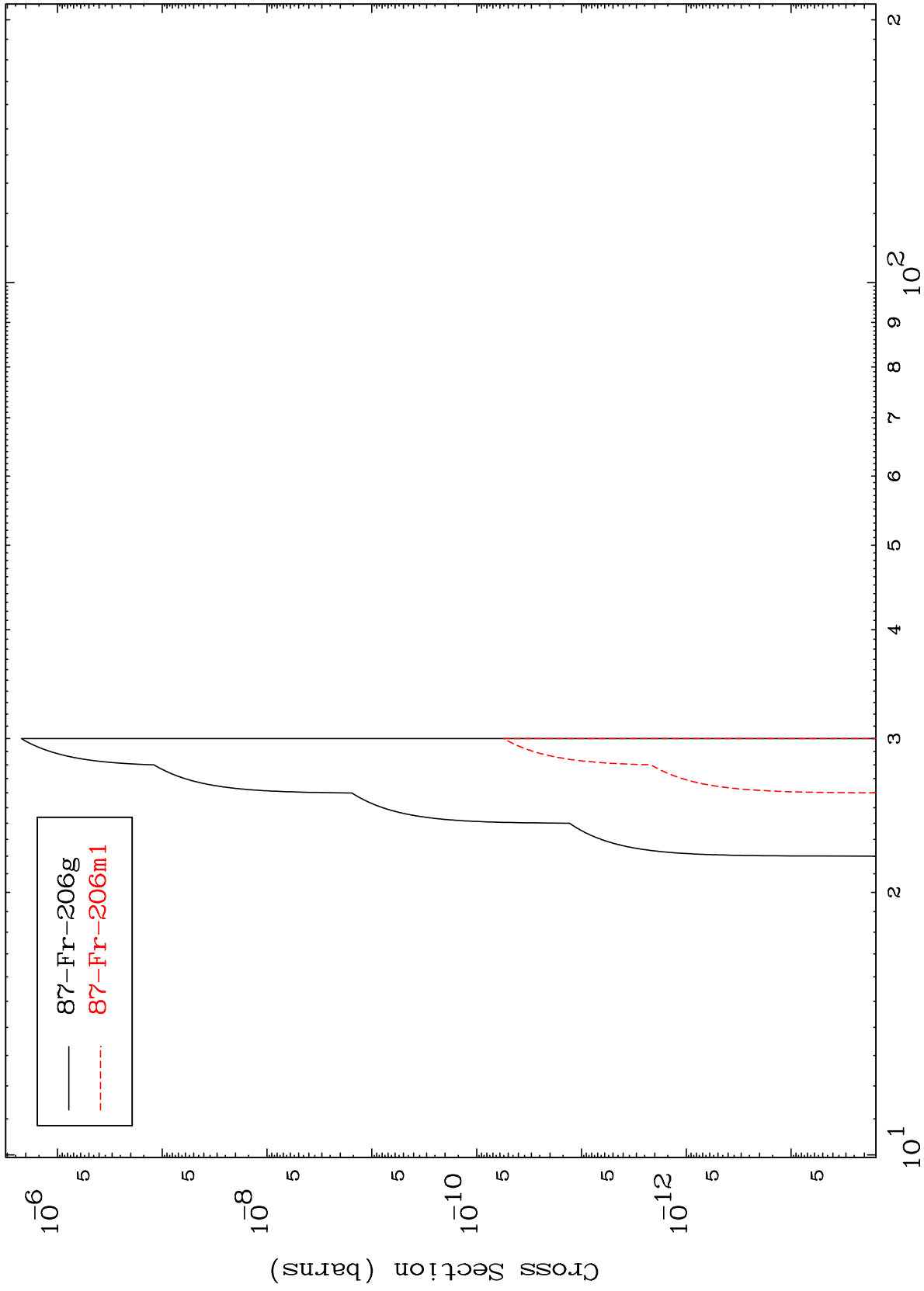
88-Ra-208

MAT 8780

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

88-Ra-208

Radionuclide Production Cross Section



14

Incident Energy (MeV)

88-Ra-208