

Program EVALPLOT  
(Version 2018-1)

by

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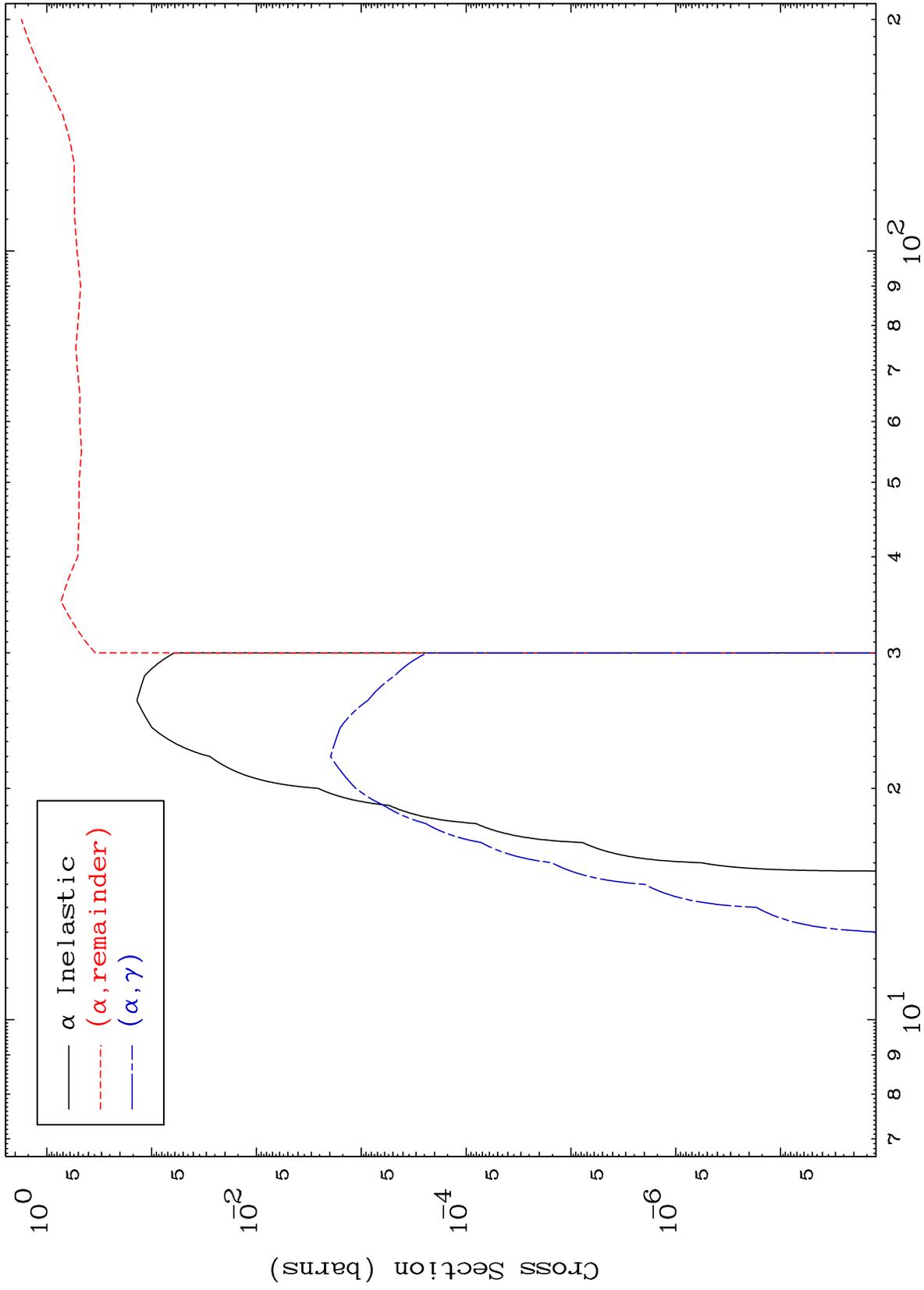
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8518

0 Kelvin  $\alpha$  Major  
Cross Sections

85-At-200



1

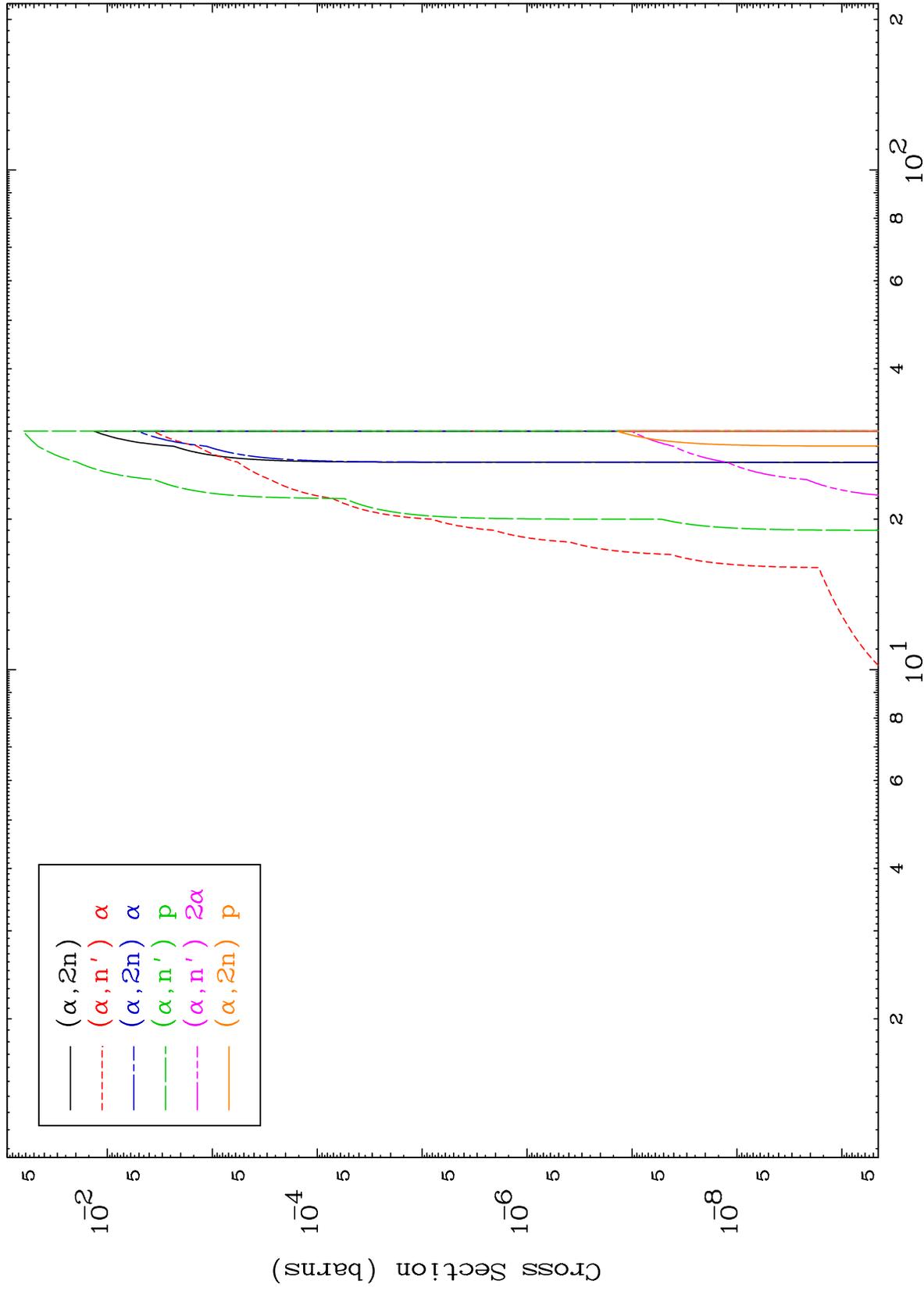
Incident Energy (MeV)

85-At-200

MAT 8518

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

85-At-200



2

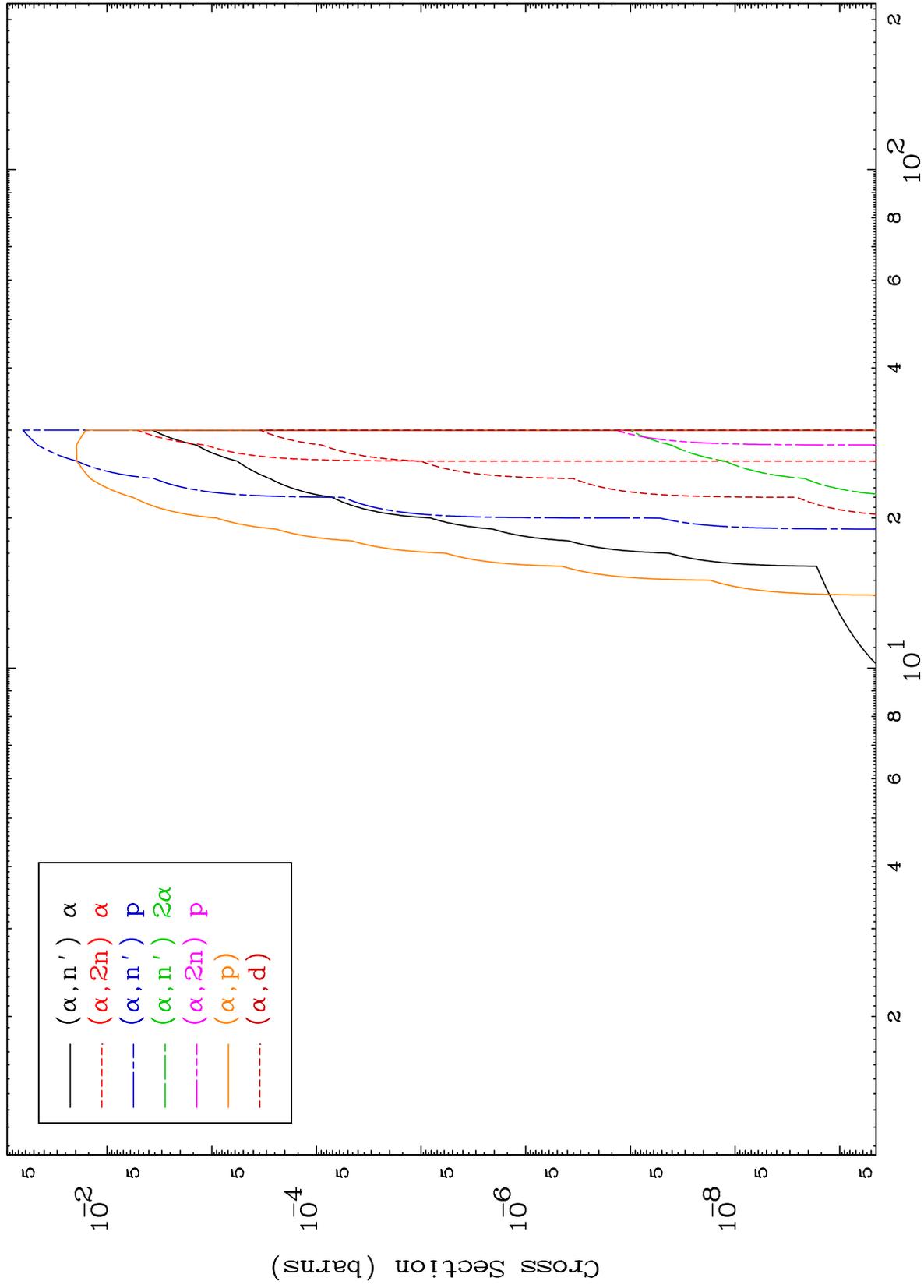
Incident Energy (MeV)

85-At-200

MAT 8518

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

85-At-200



3

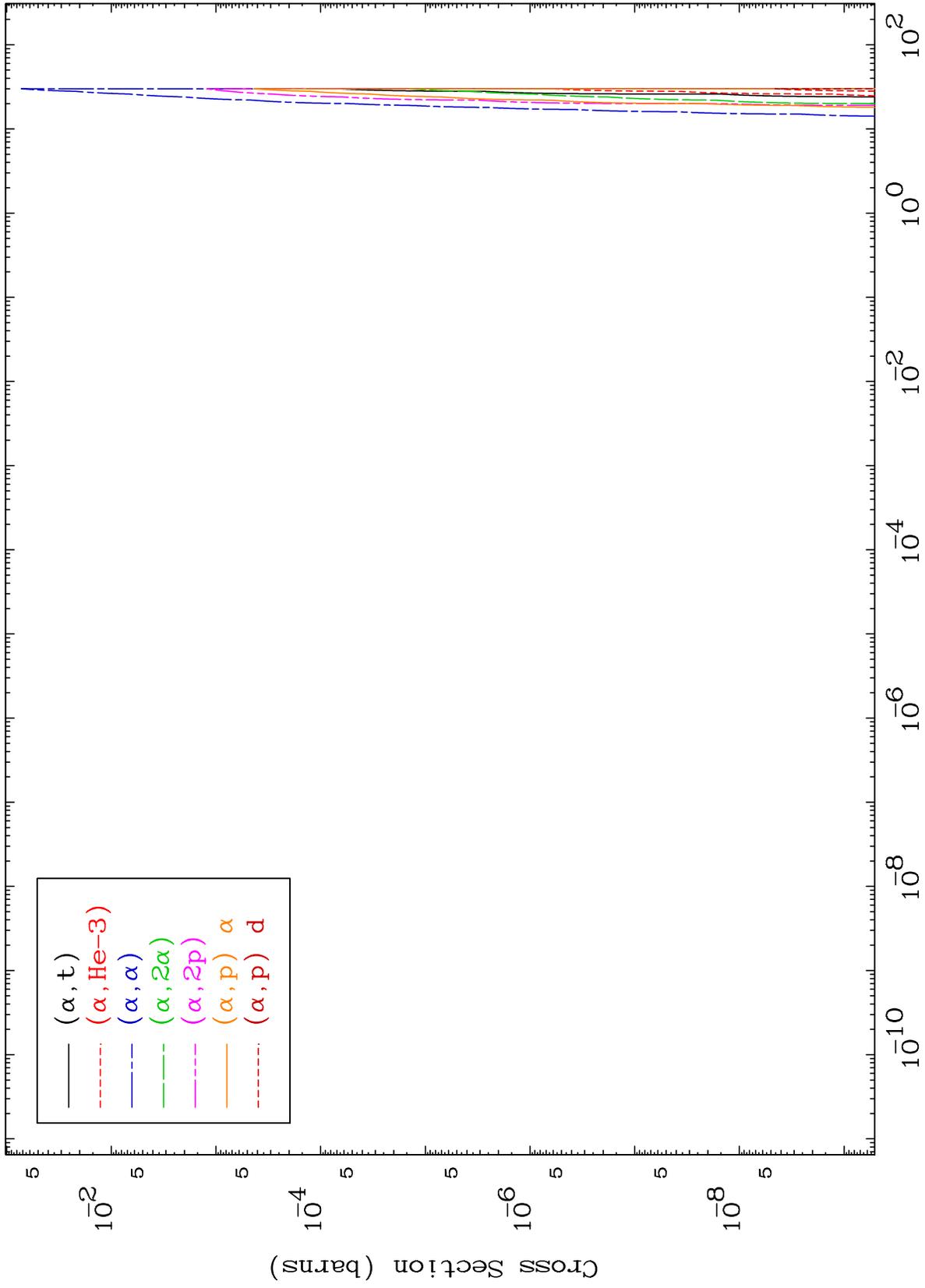
Incident Energy (MeV)

85-At-200

MAT 8518

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

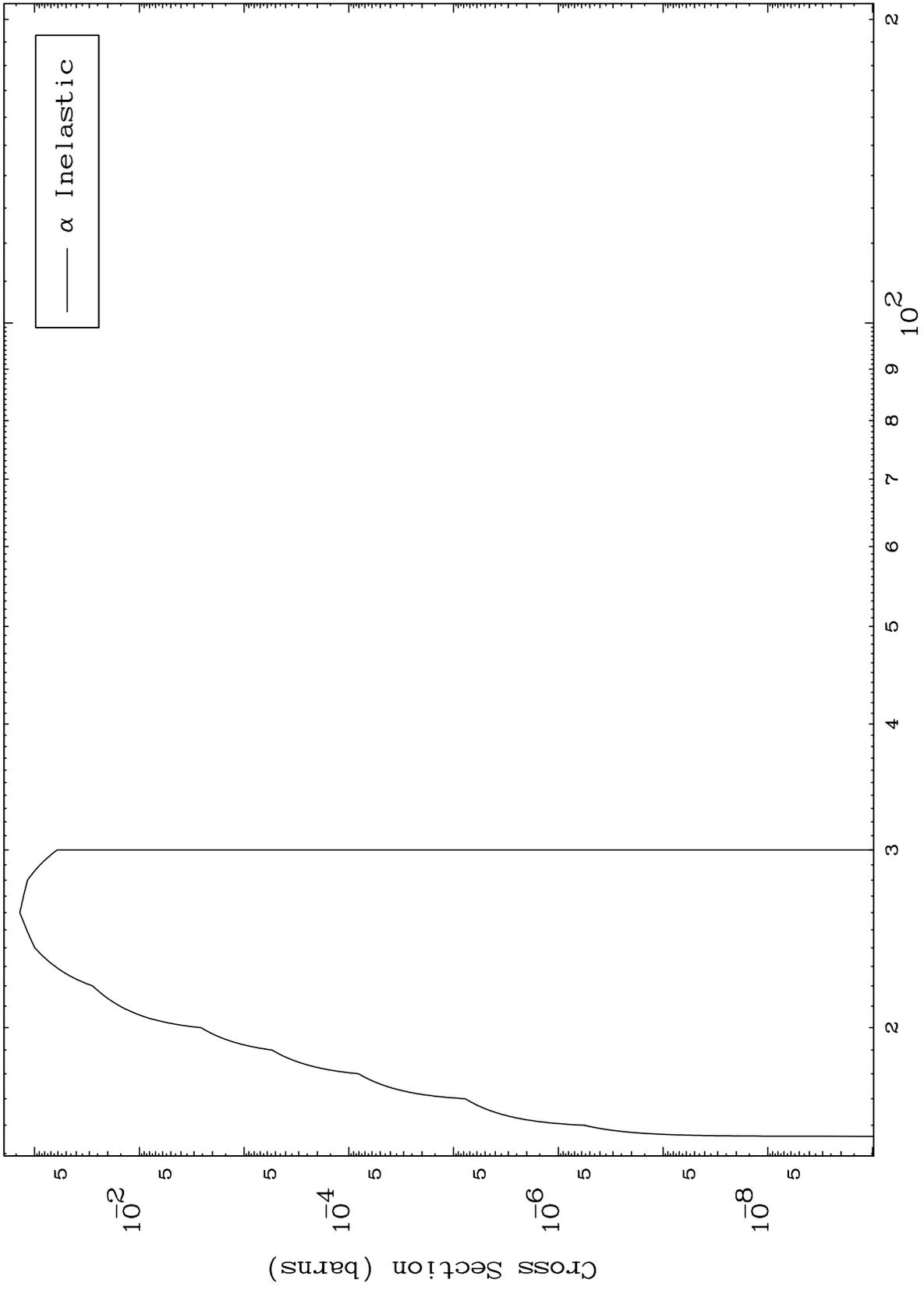
85-At-200



MAT 8518

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

85-At-200



5

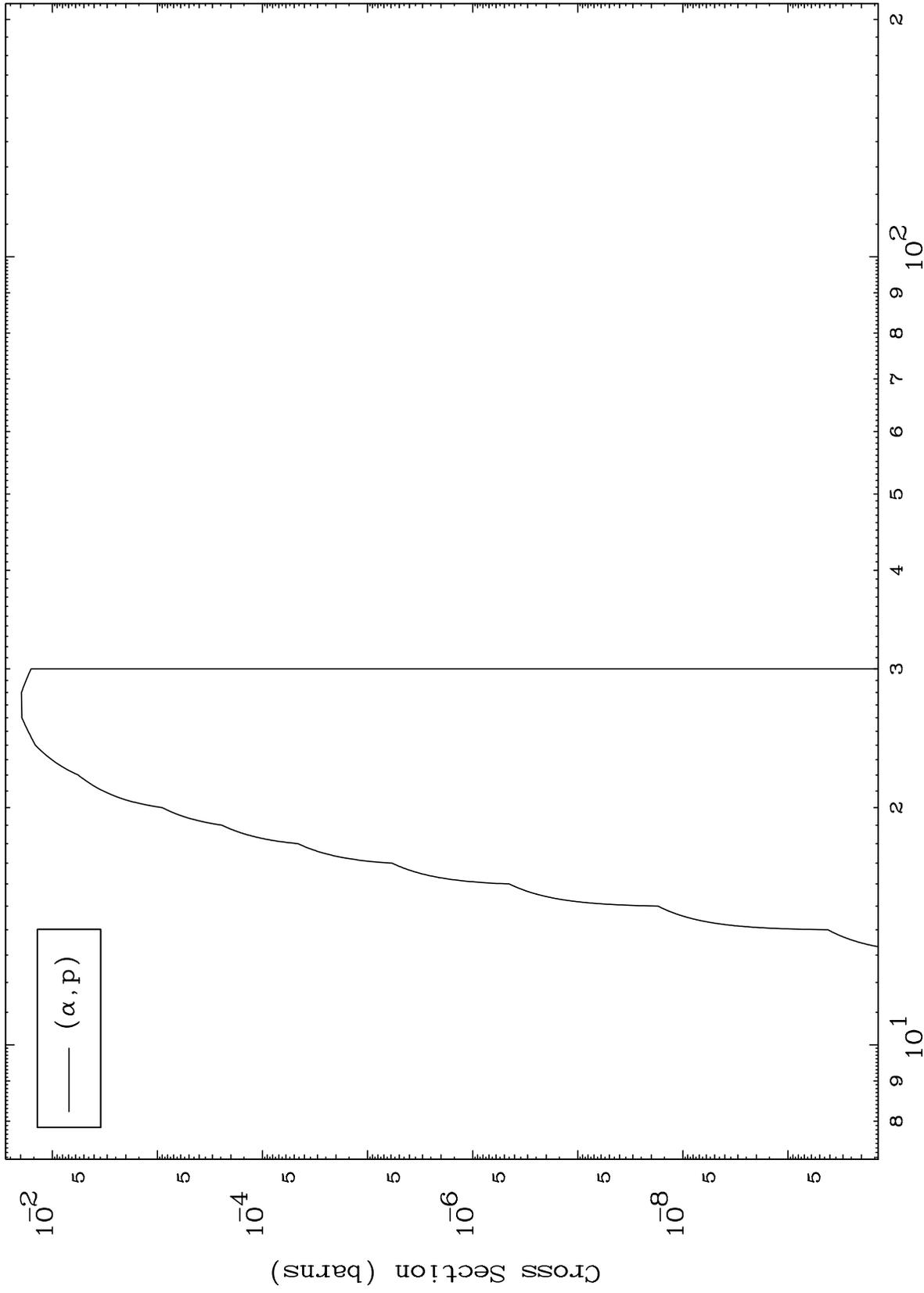
Incident Energy (MeV)

85-At-200

MAT 8518

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

85-At-200



6

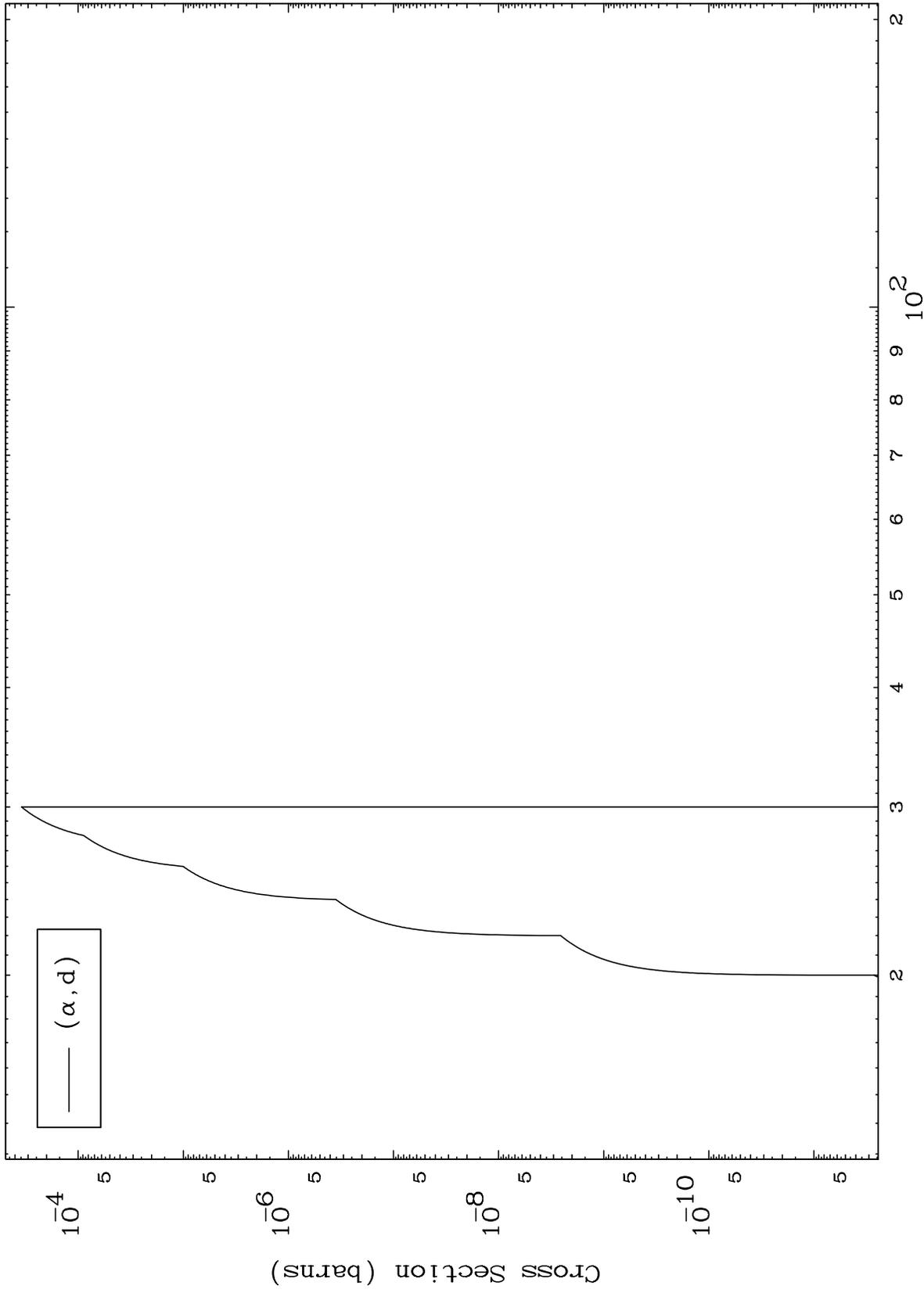
Incident Energy (MeV)

85-At-200

MAT 8518

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

85-At-200



7

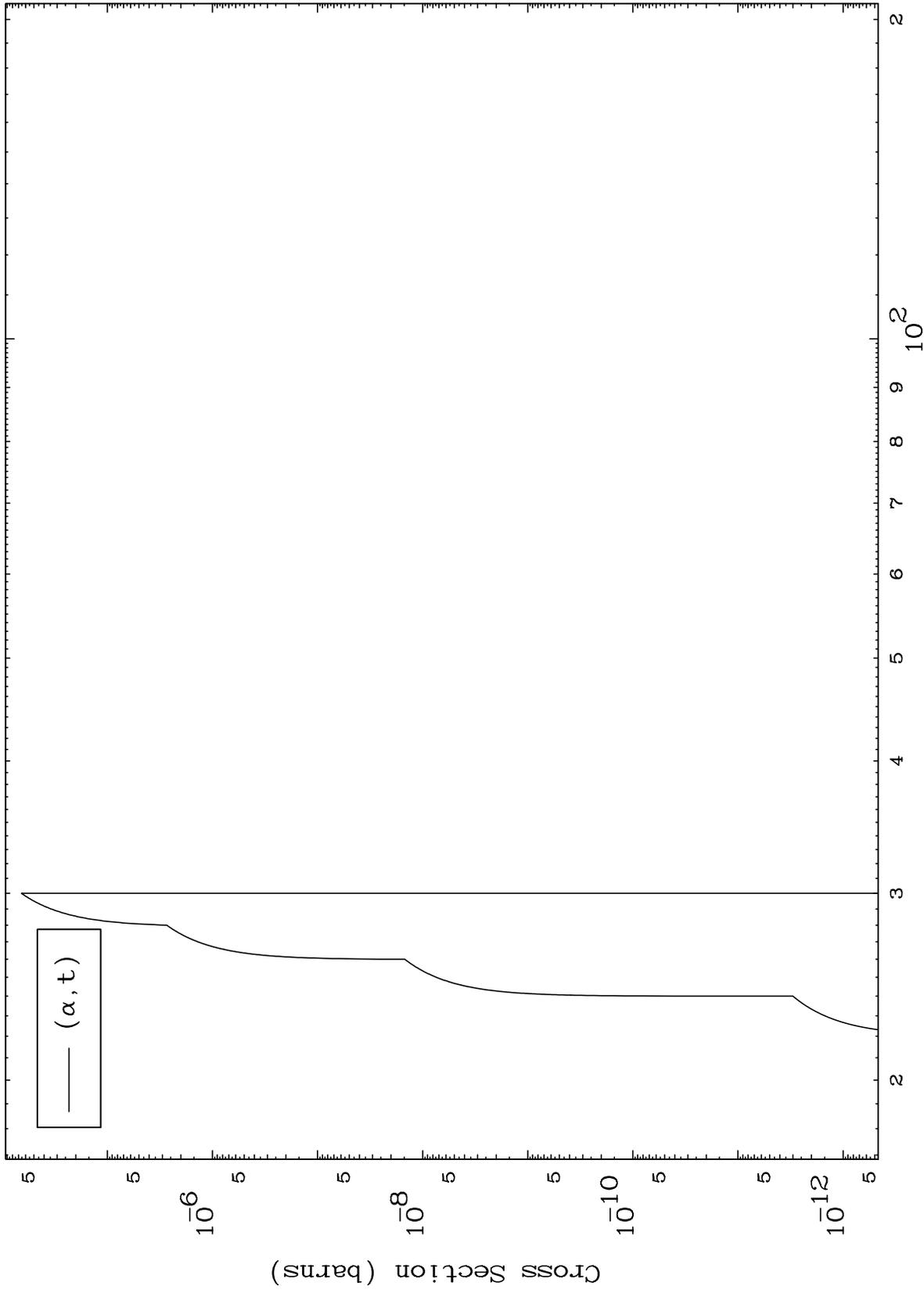
Incident Energy (MeV)

85-At-200

MAT 8518

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

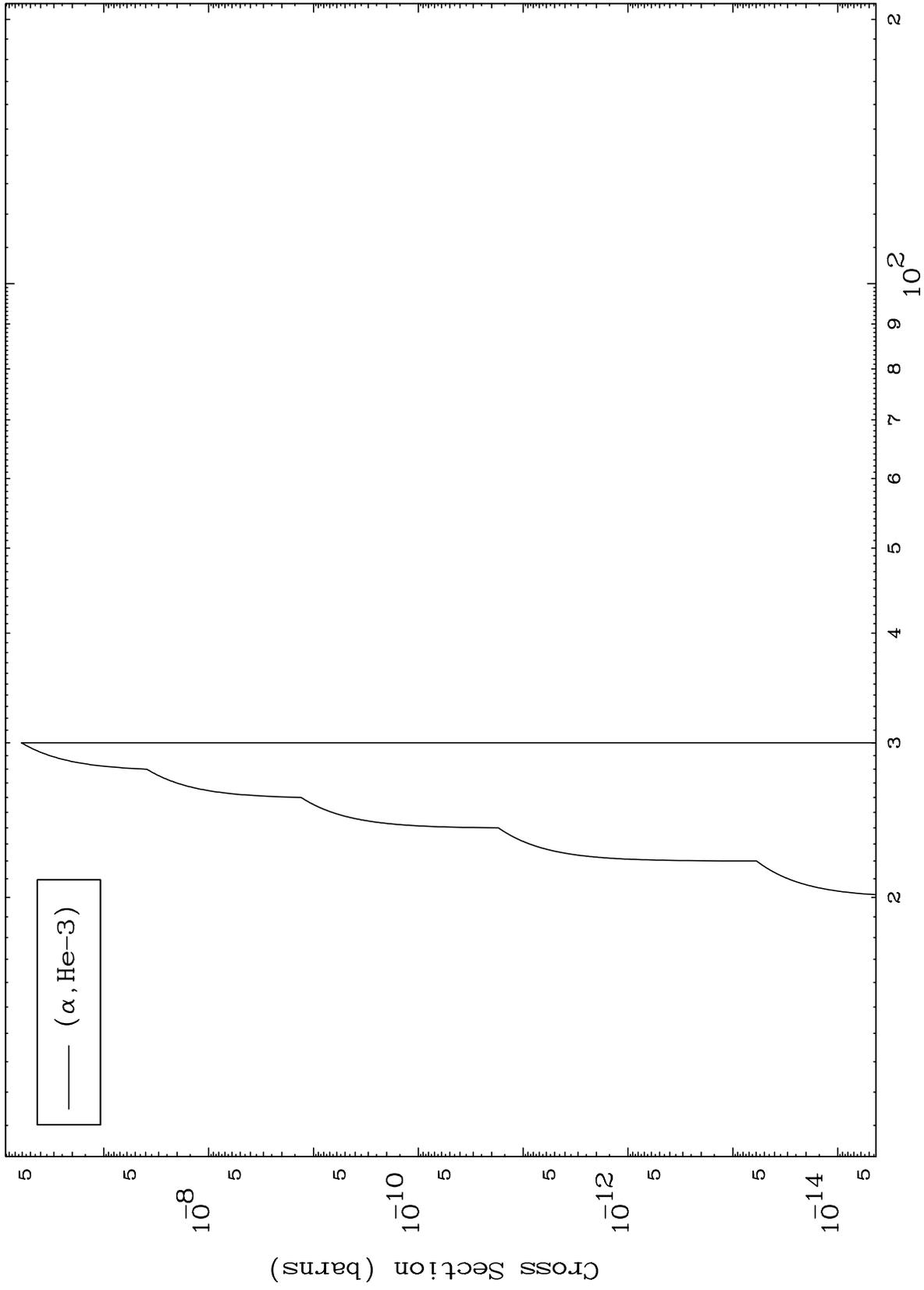
85-At-200



8

Incident Energy (MeV)

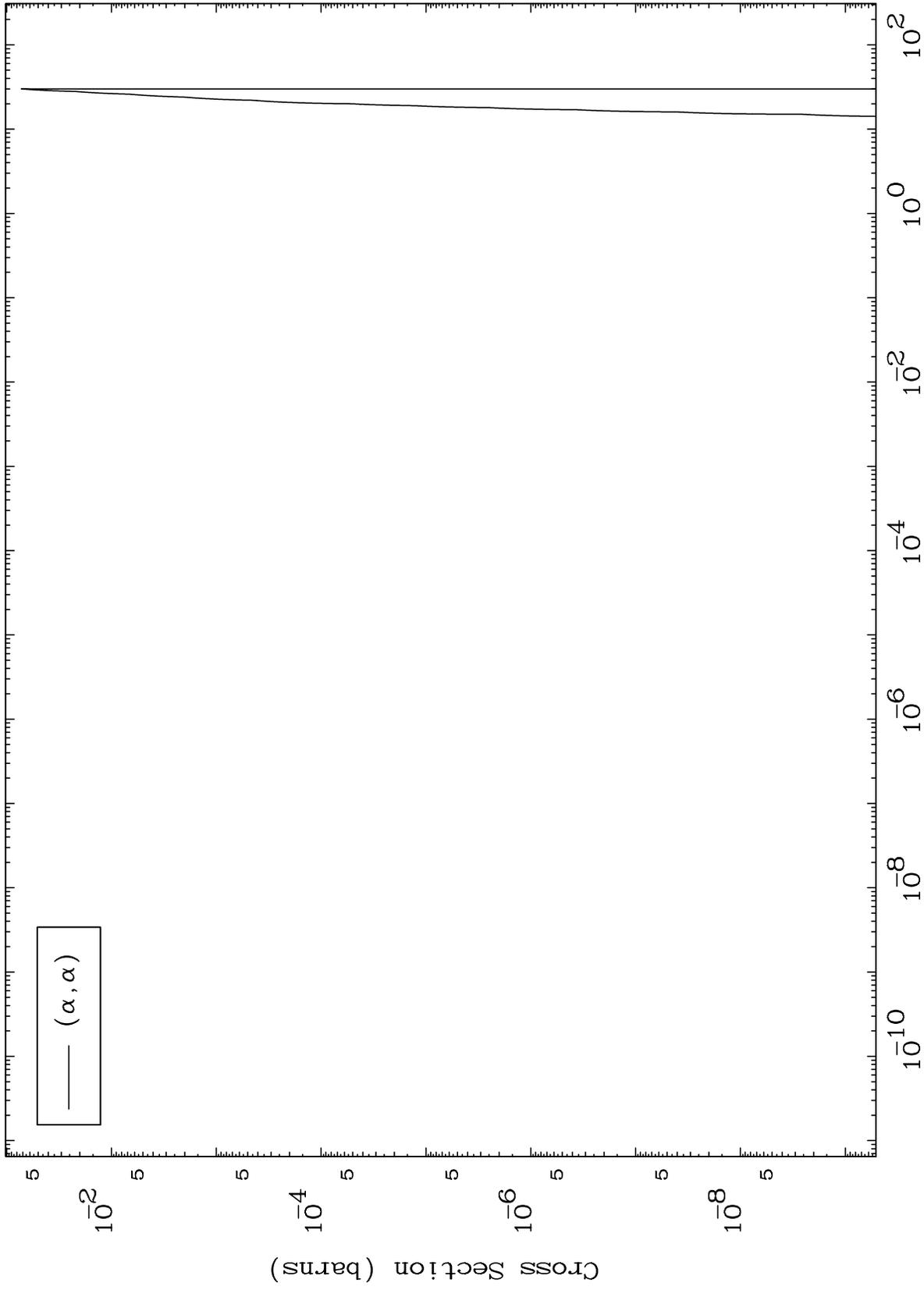
85-At-200



MAT 8518

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

85-At-200



10

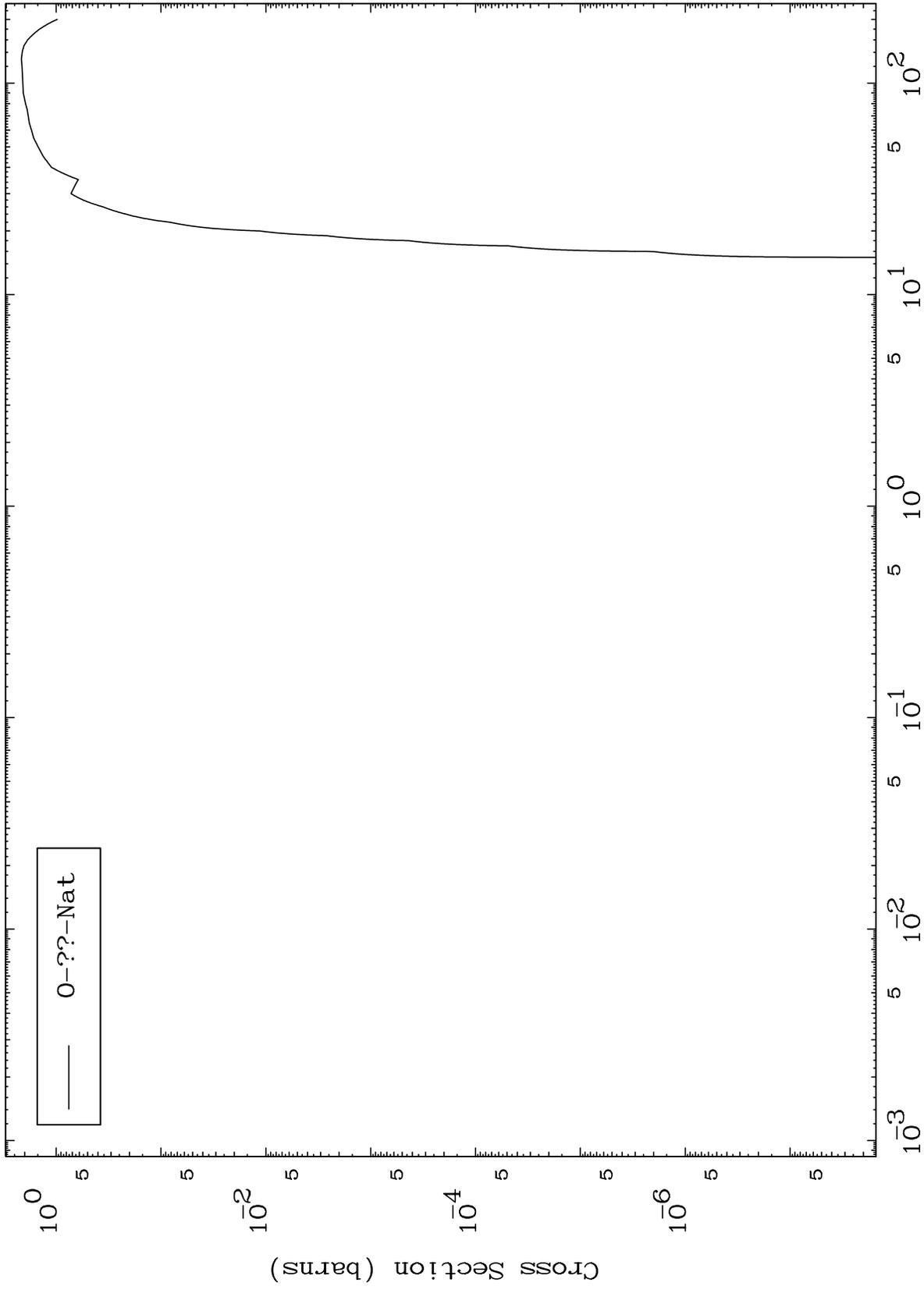
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

$\alpha$  Fission  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

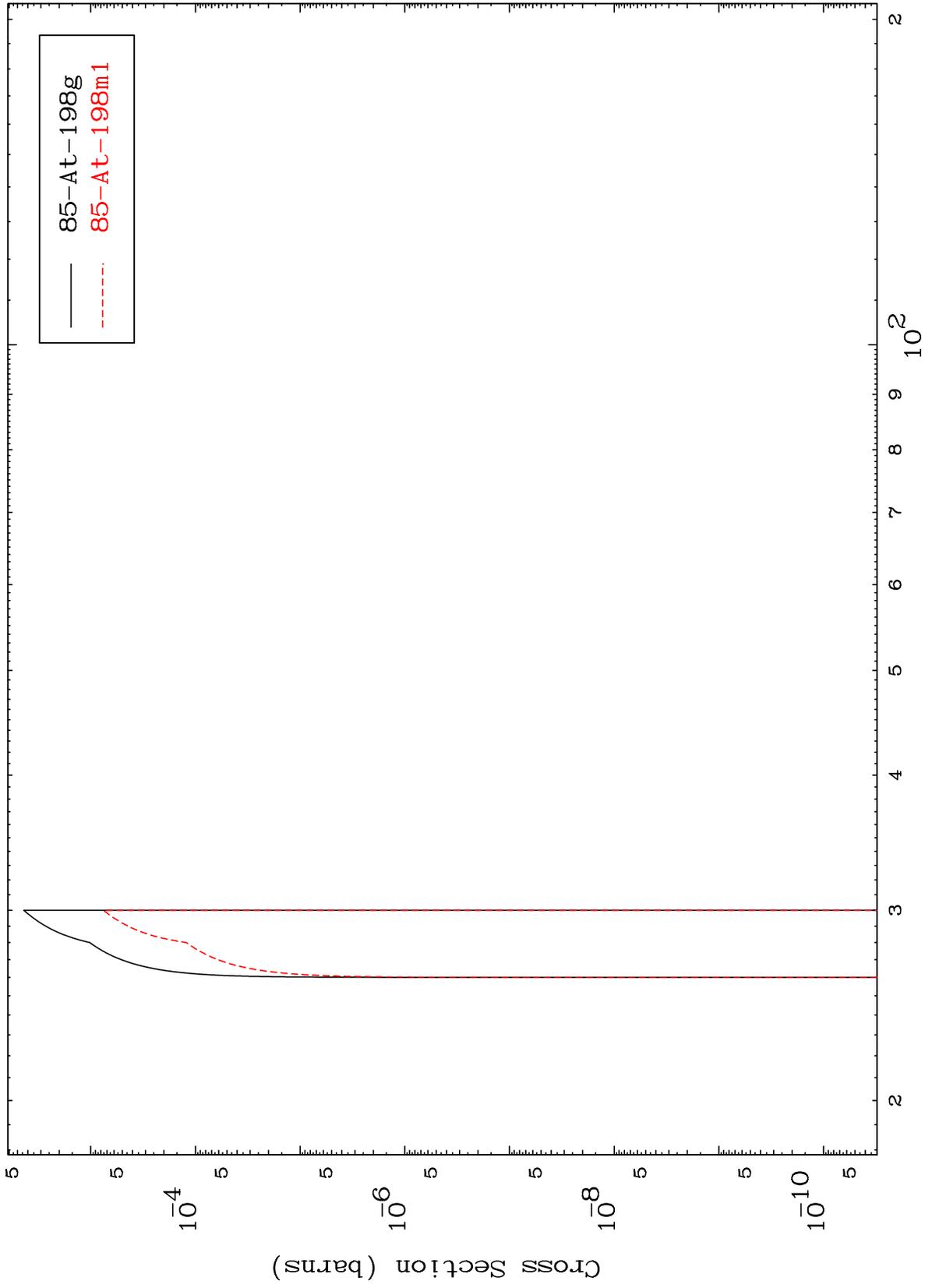
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

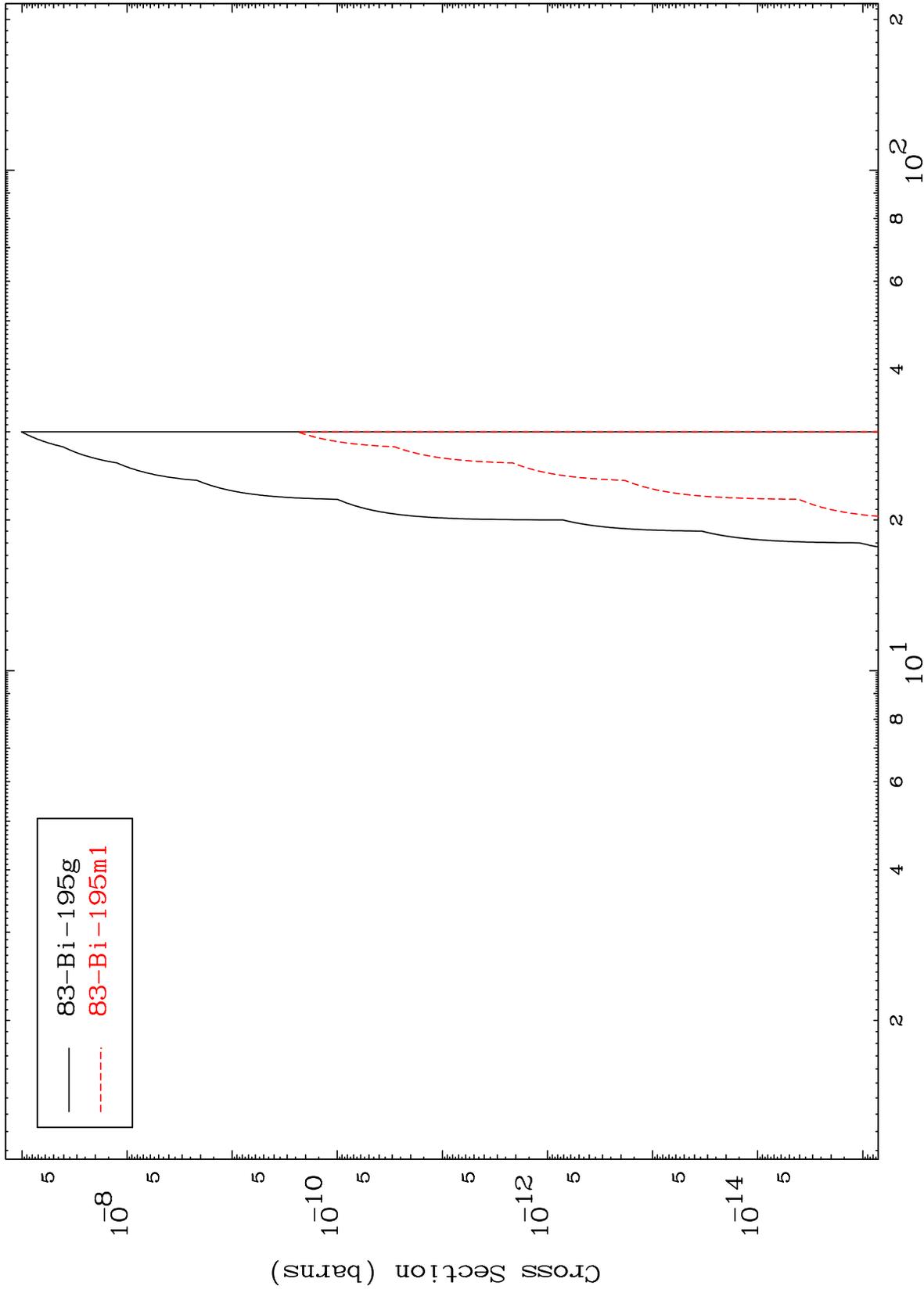
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

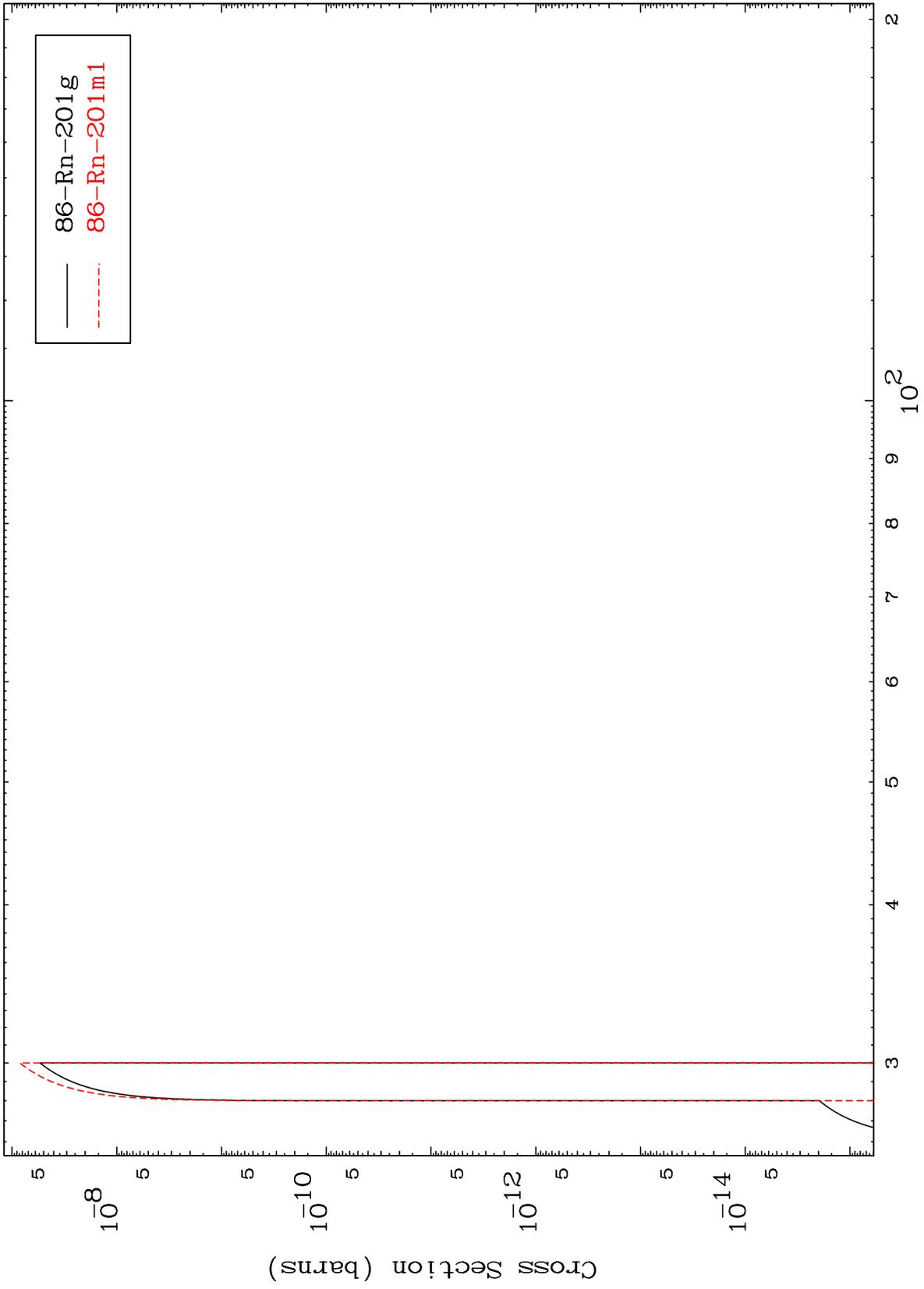
85-At-200

MAT 8518

( $\alpha, 2n$ ) p

85-At-200

Radionuclide Production Cross Section



14

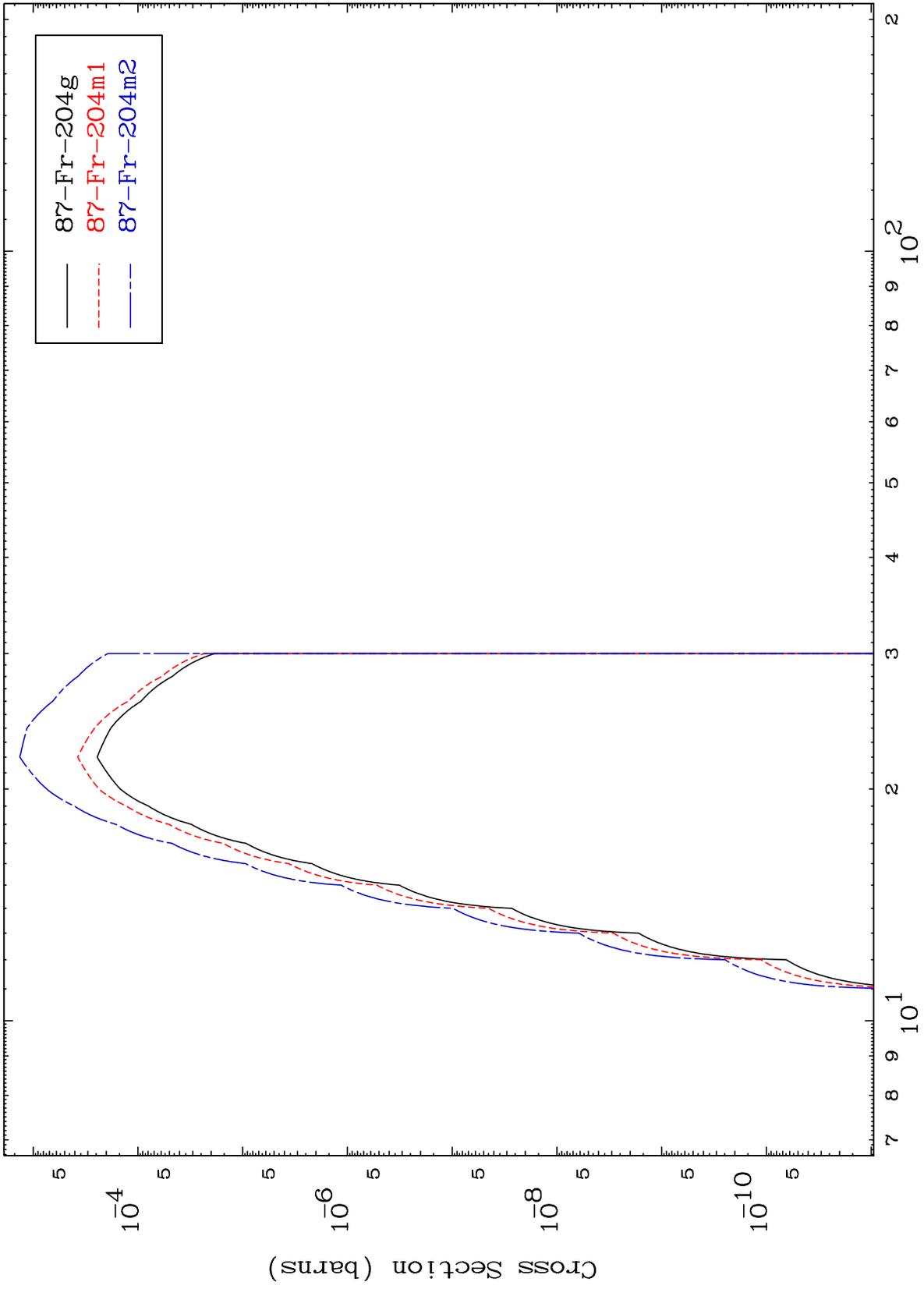
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



15

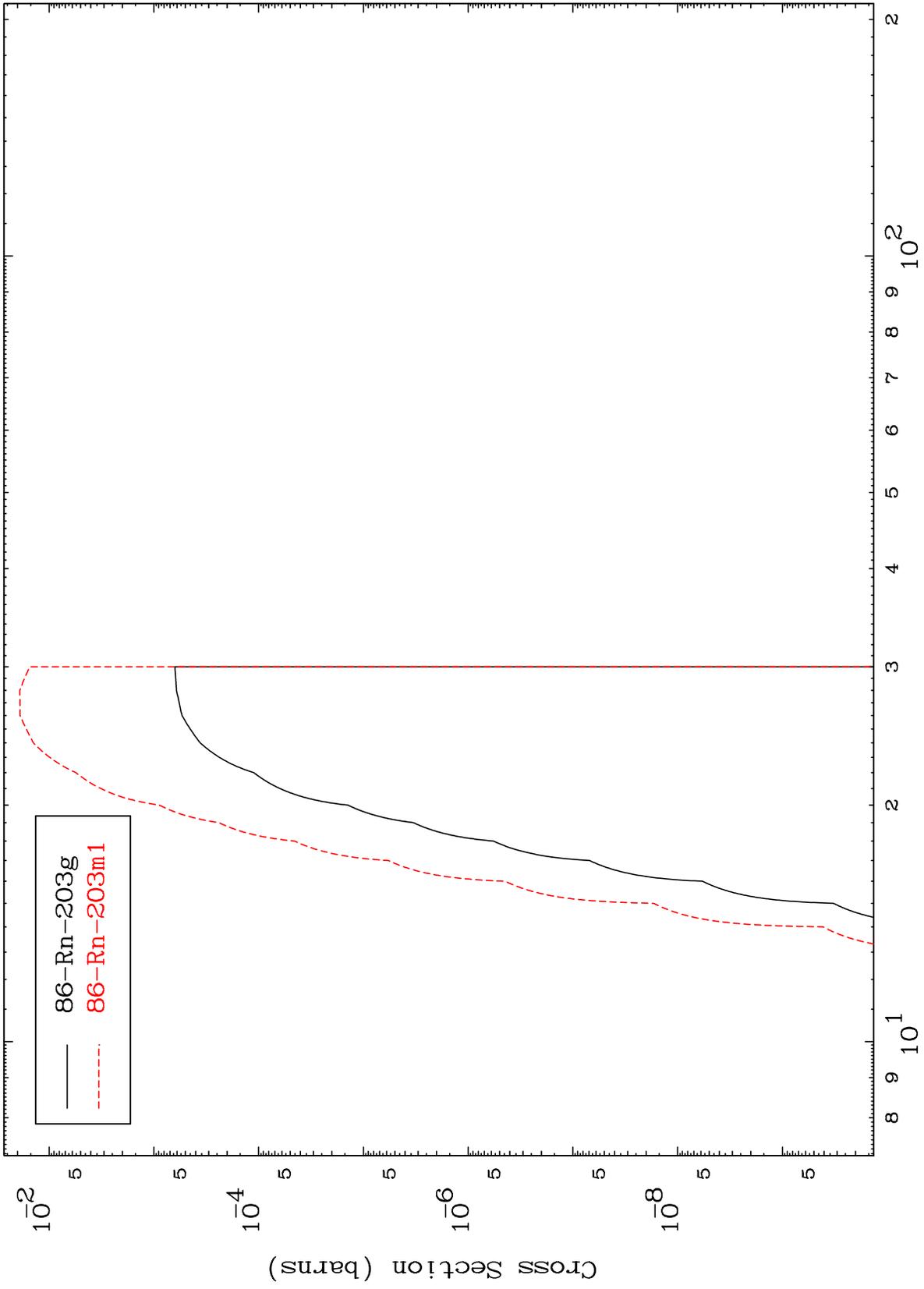
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



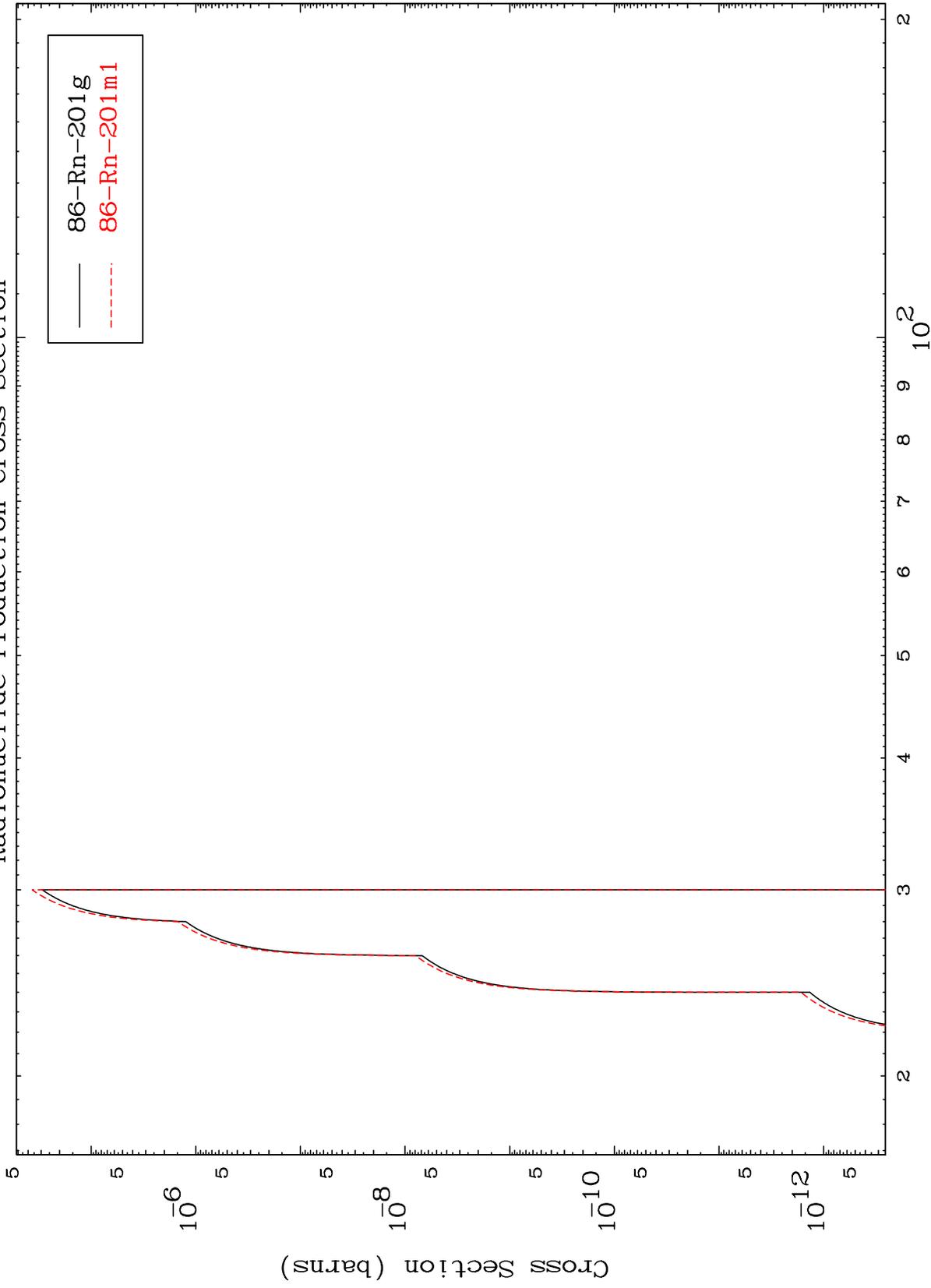
16

85-At-200

MAT 8518

85-At-200

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



17

Incident Energy (MeV)

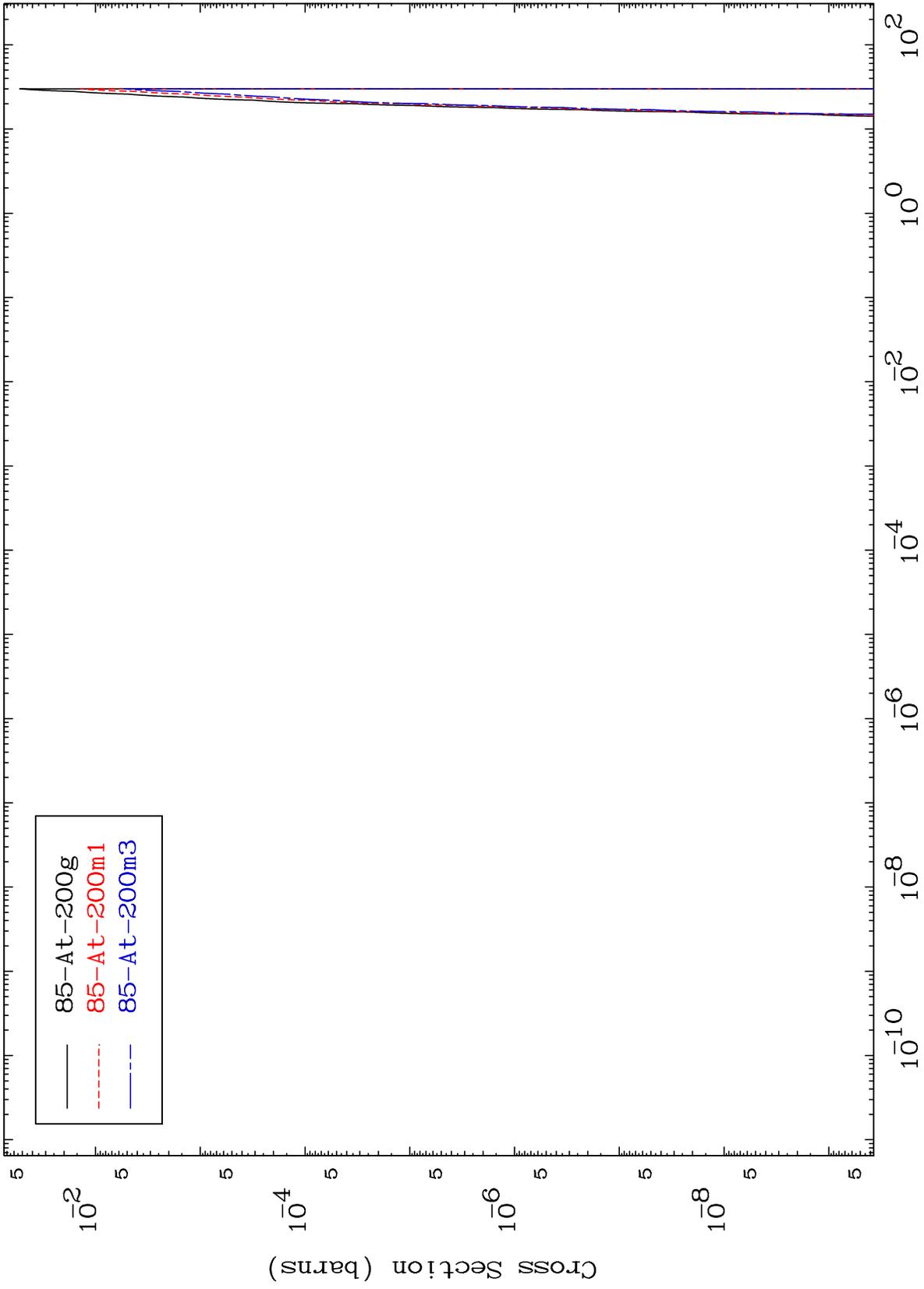
85-At-200

MAT 8518

( $\alpha, \alpha$ )

85-At-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

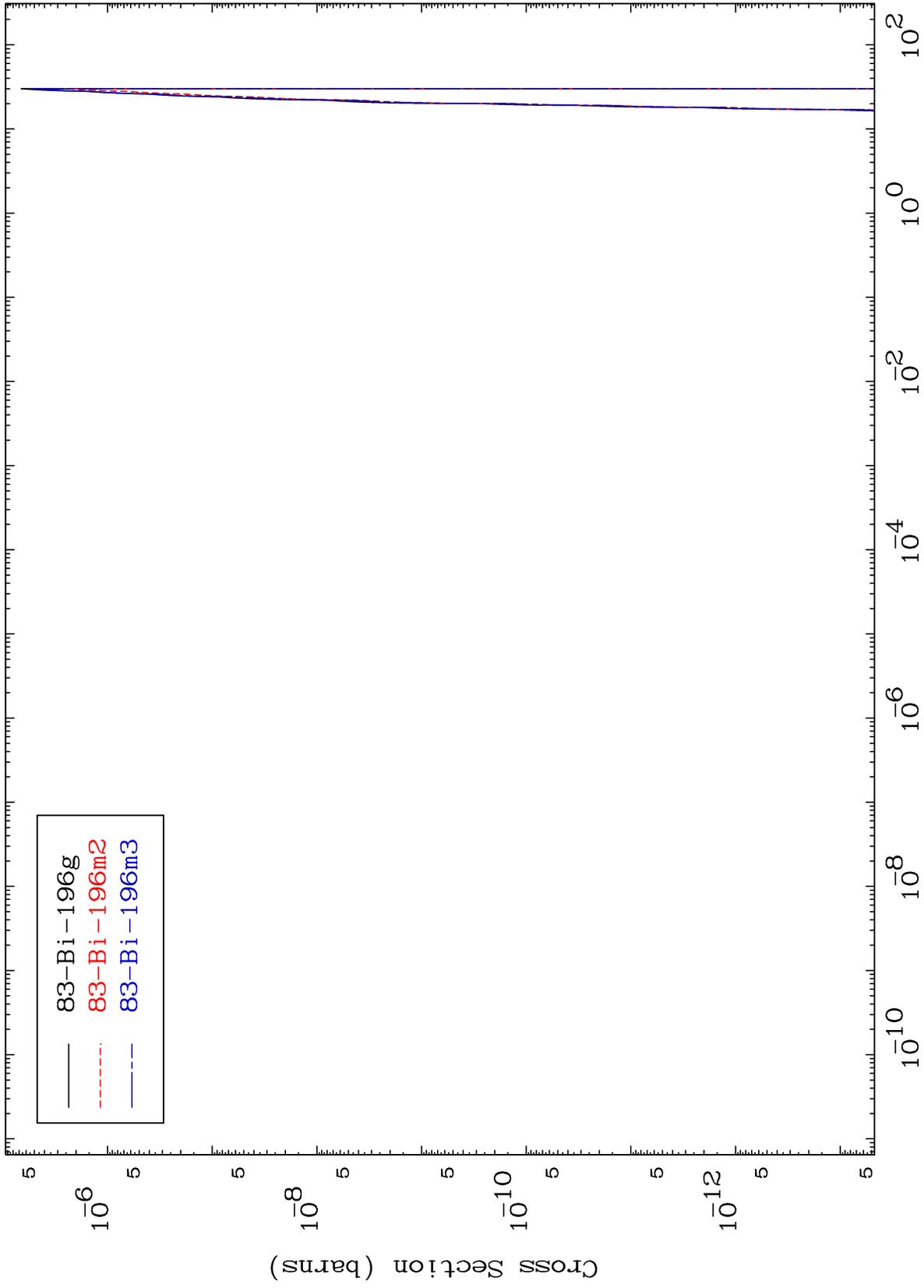
85-At-200

MAT 8518

( $\alpha, 2\alpha$ )

85-At-200

Radionuclide Production Cross Section



19

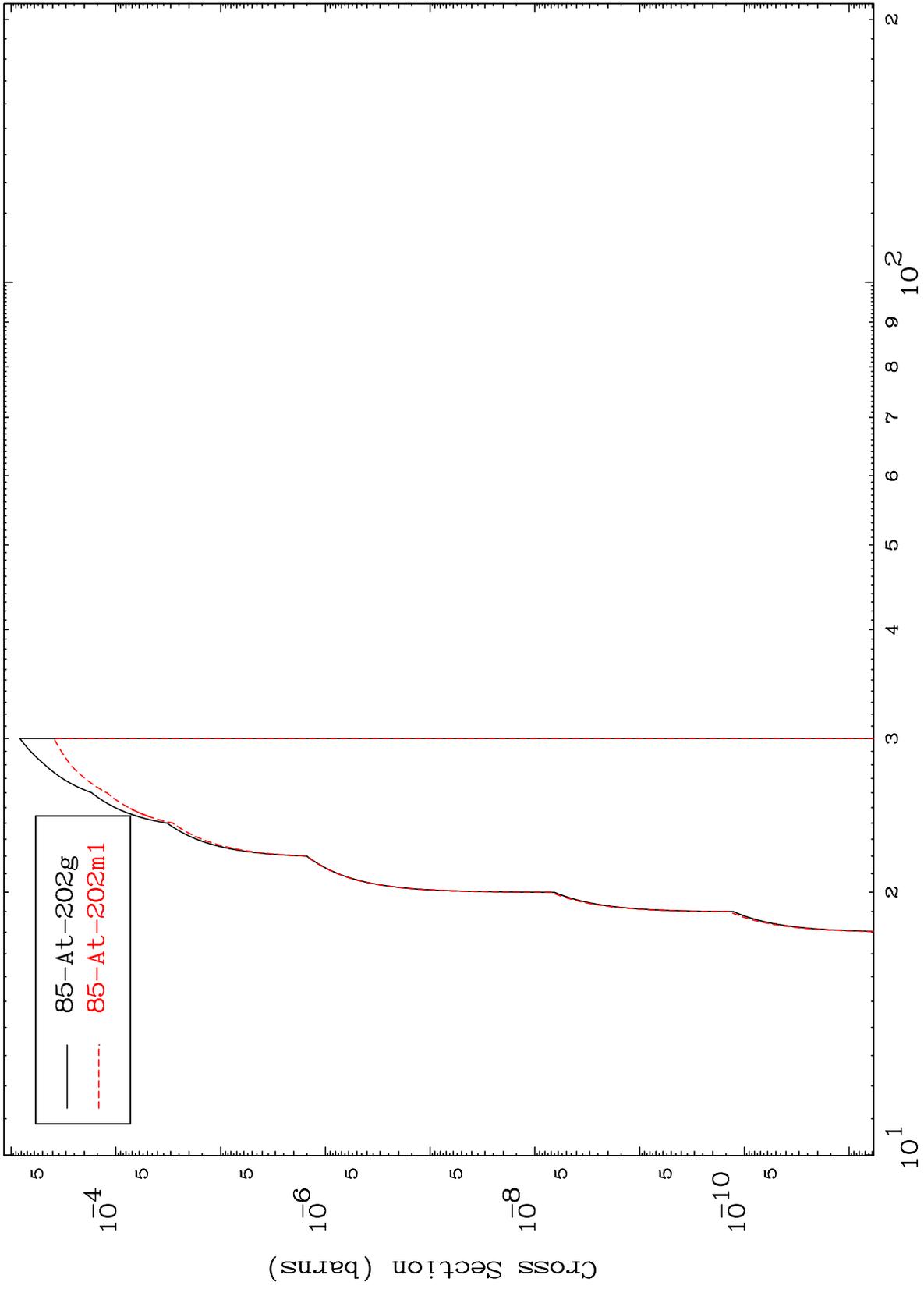
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



20

Incident Energy (MeV)

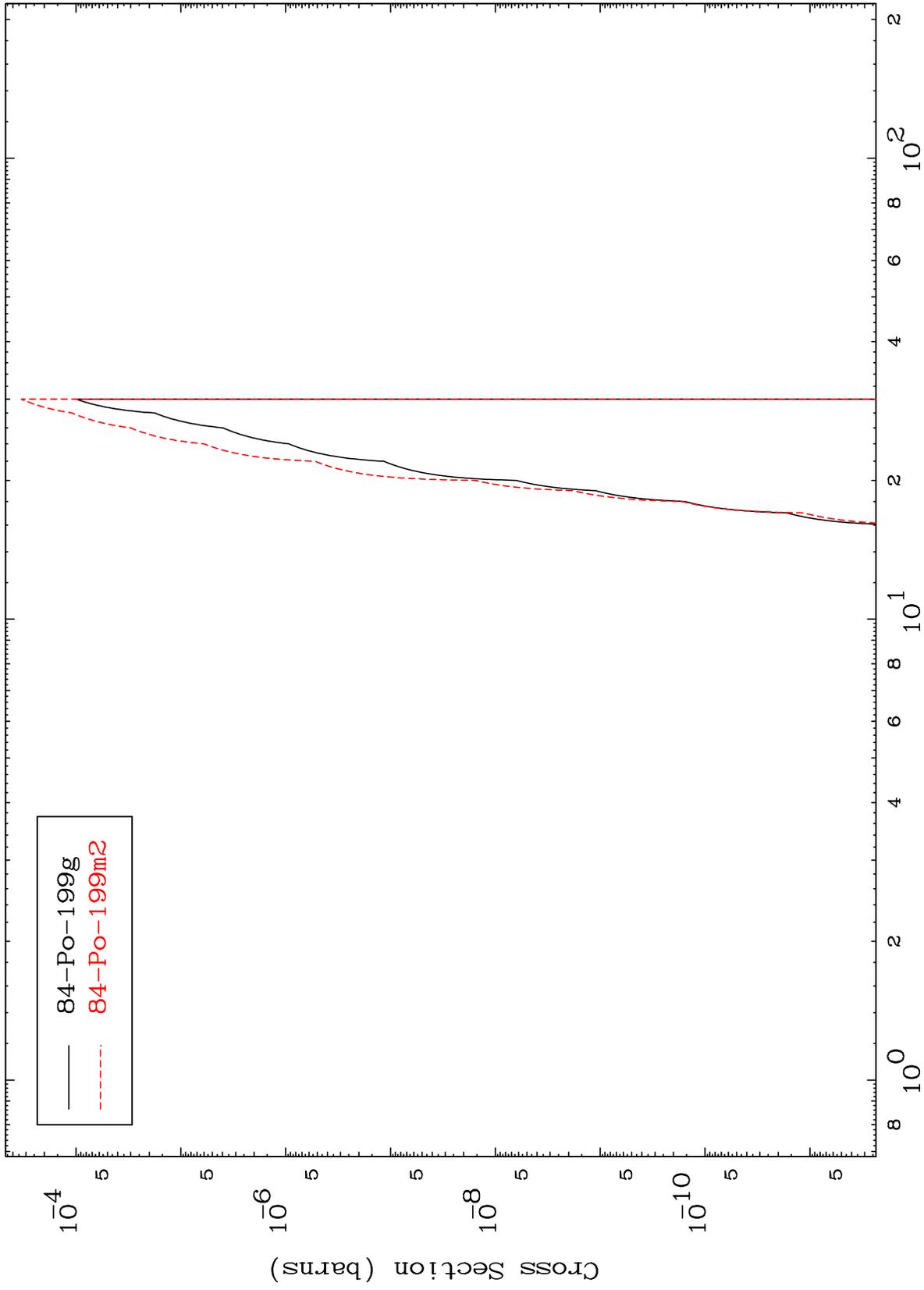
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



84-Po-199g  
84-Po-199m2

21

Incident Energy (MeV)

85-At-200