

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

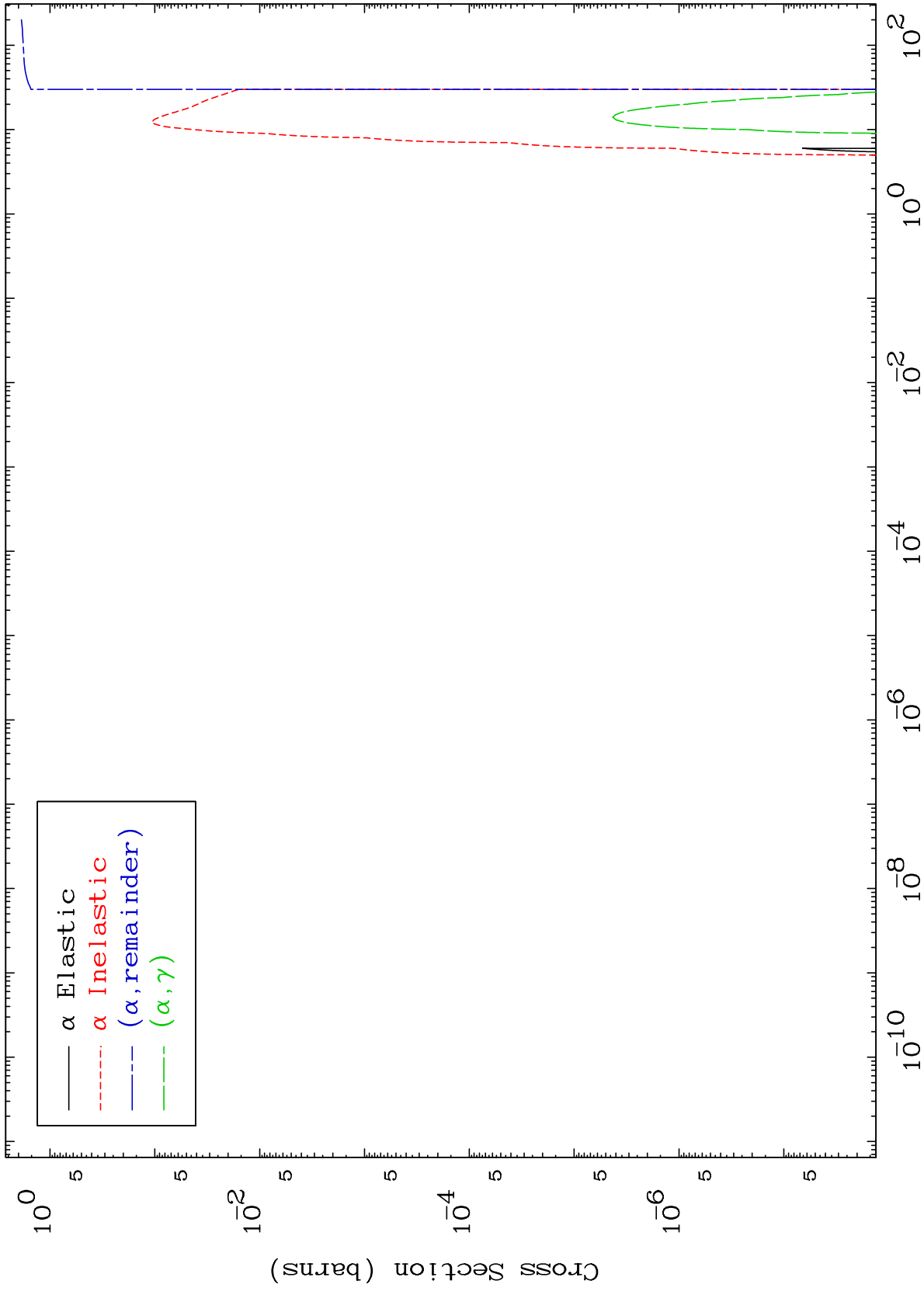
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3541

0 Kelvin  $\alpha$  Major  
Cross Sections

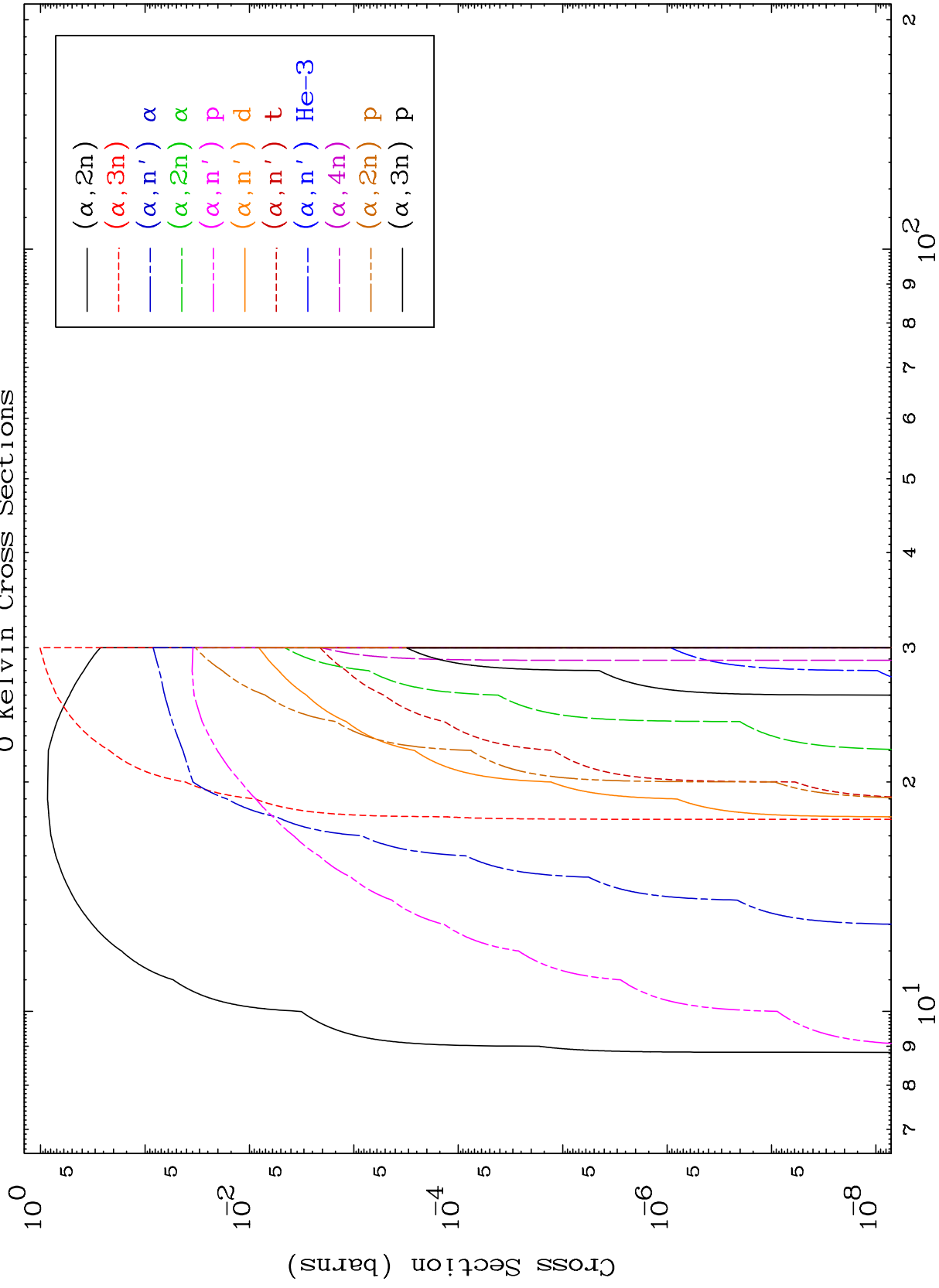
35-Br-84



MAT 3541

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

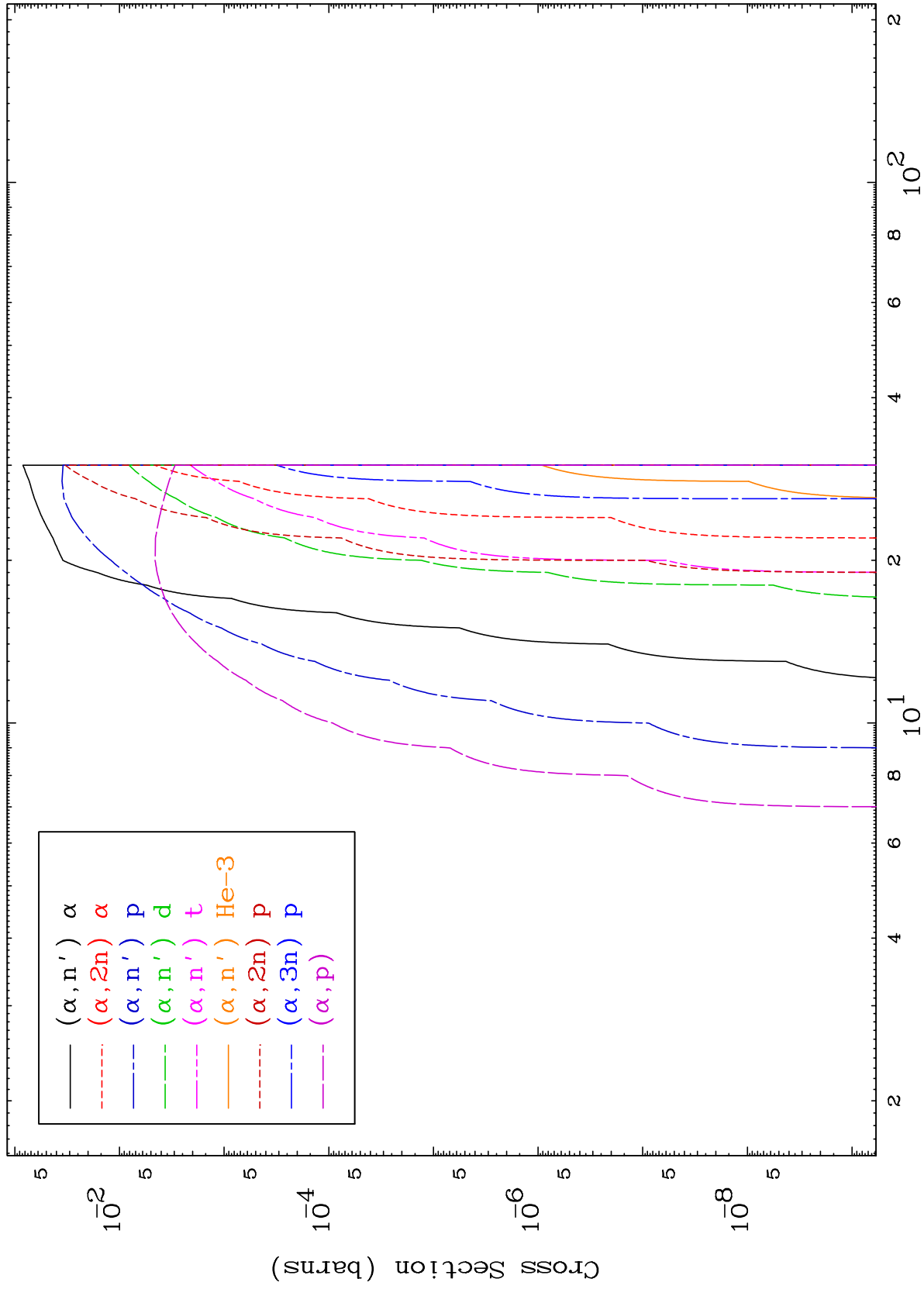
35-Br-84



2

Incident Energy (MeV)

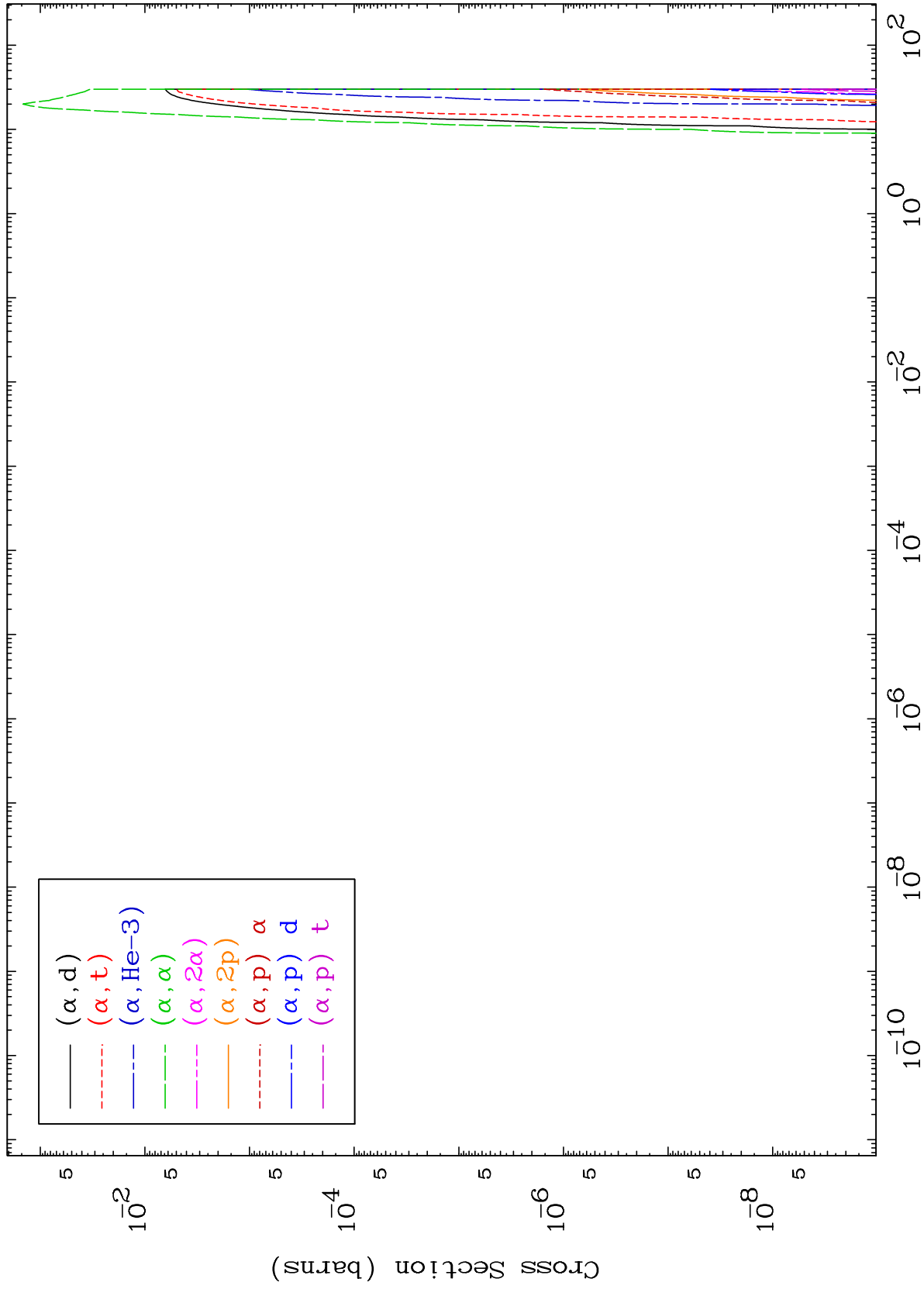
35-Br-84



MAT 3541

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

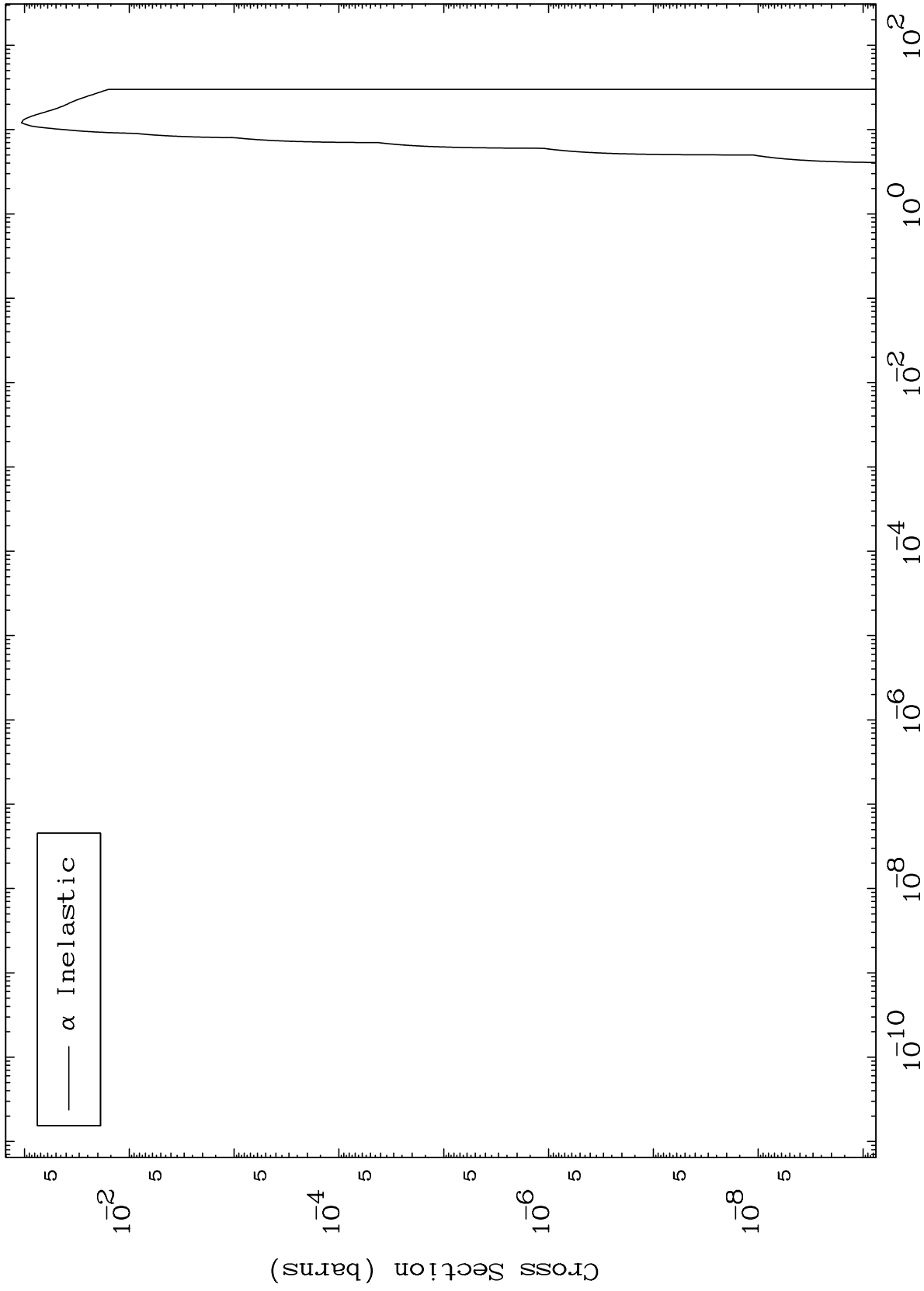
35-Br-84



MAT 3541

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

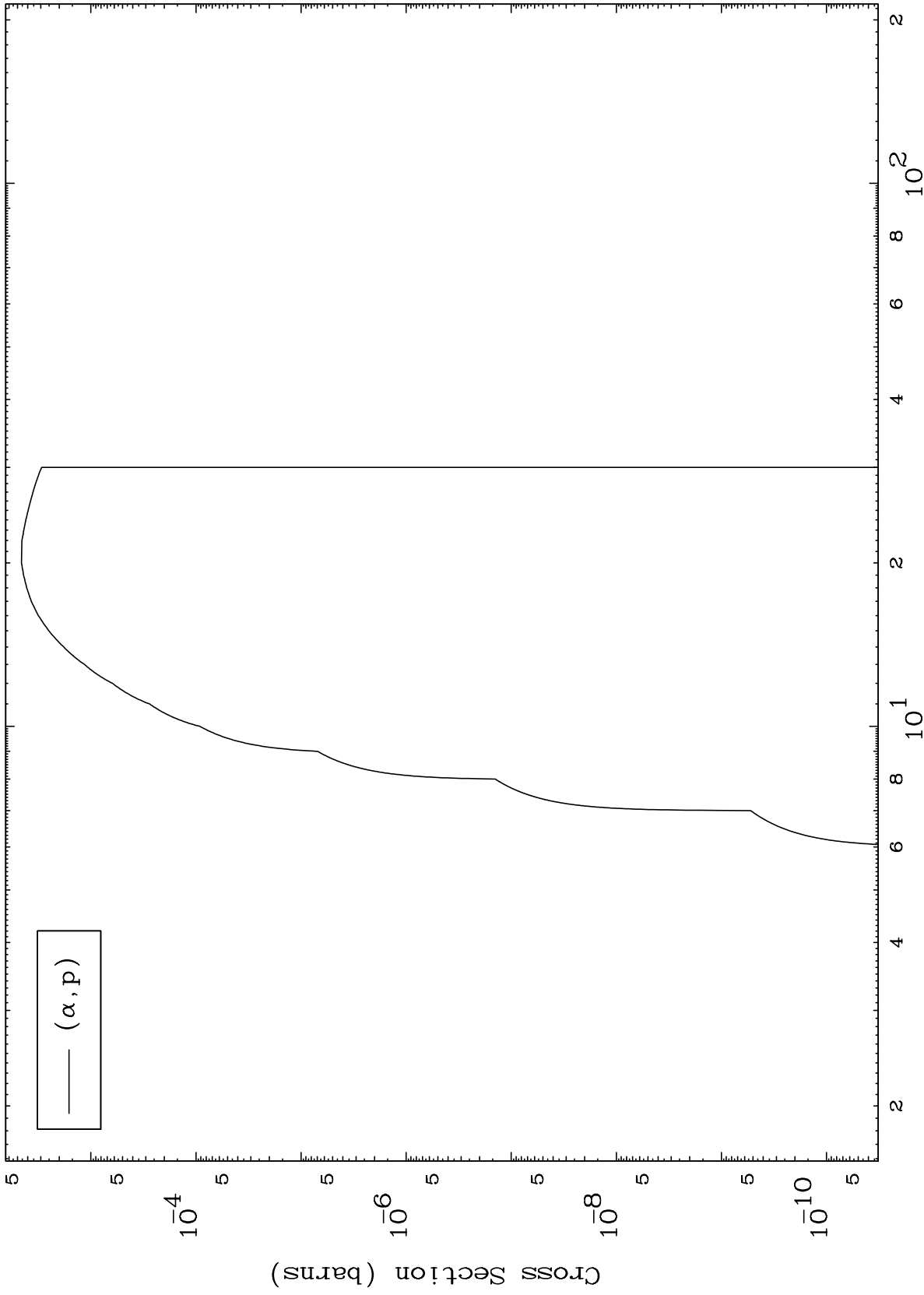
35-Br-84



MAT 3541

35-Br-84

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



6

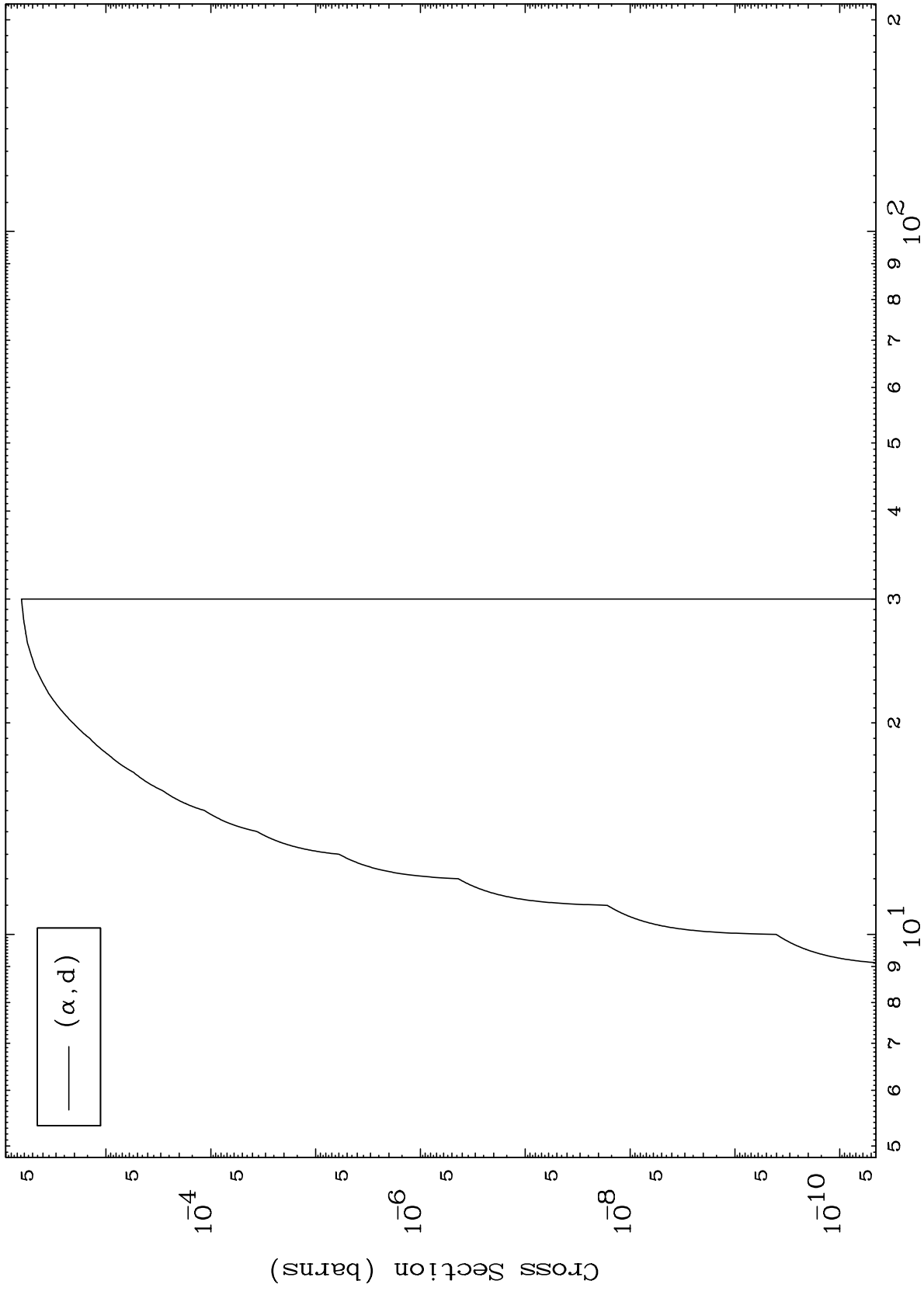
Incident Energy (MeV)

35-Br-84

MAT 3541

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

35-Br-84



7

Incident Energy (MeV)

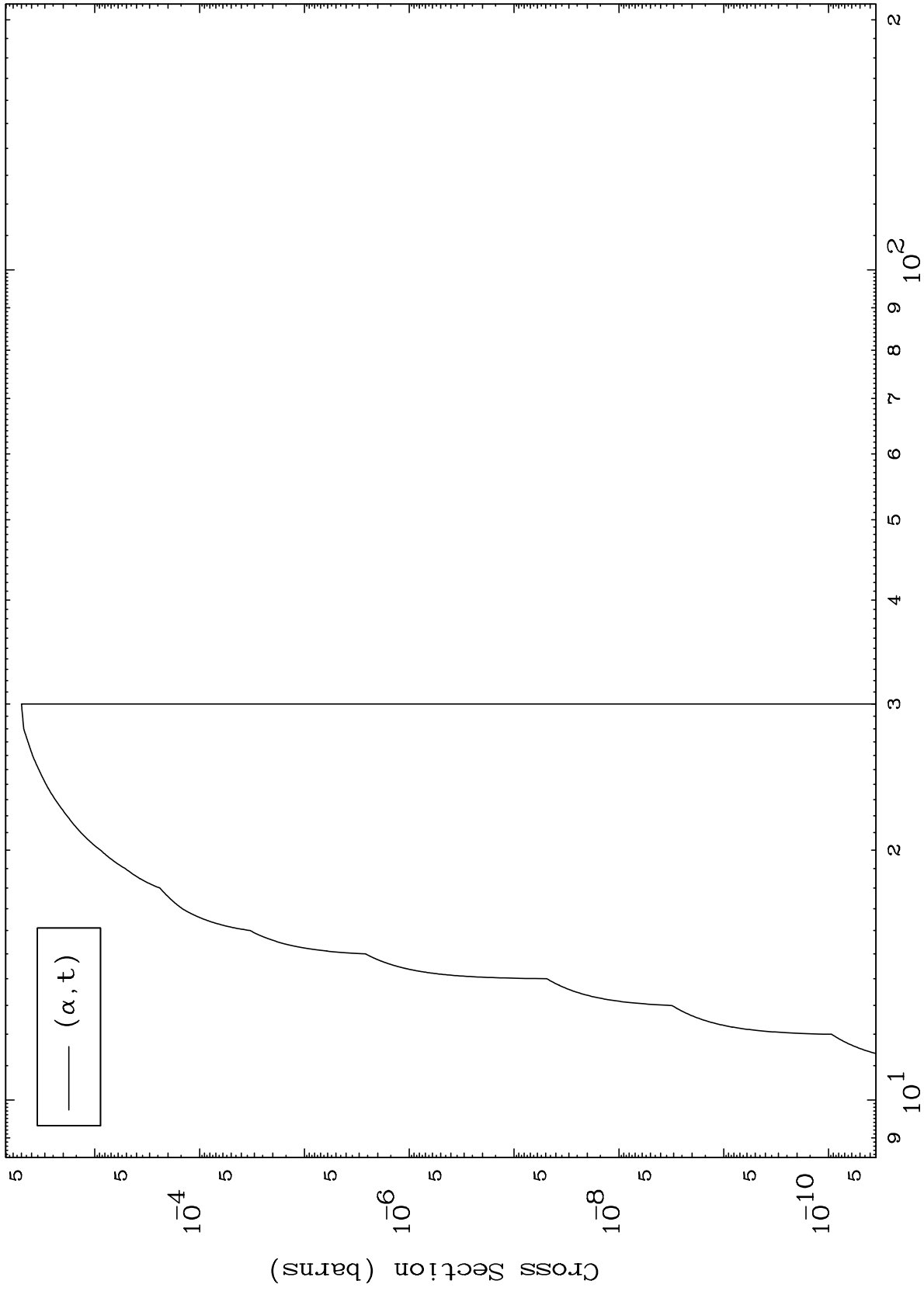
35-Br-84



MAT 3541

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

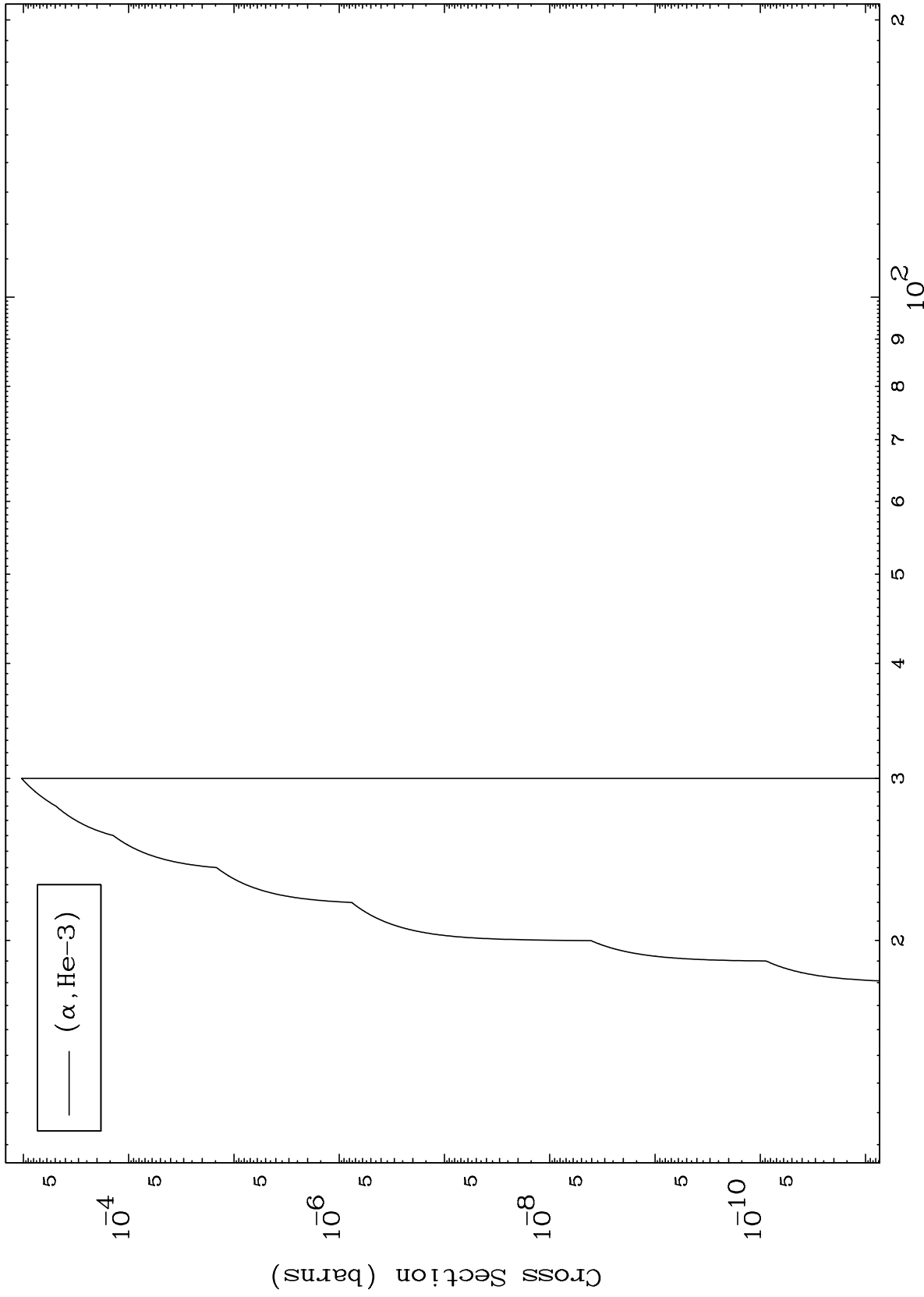
35-Br-84



8

Incident Energy (MeV)

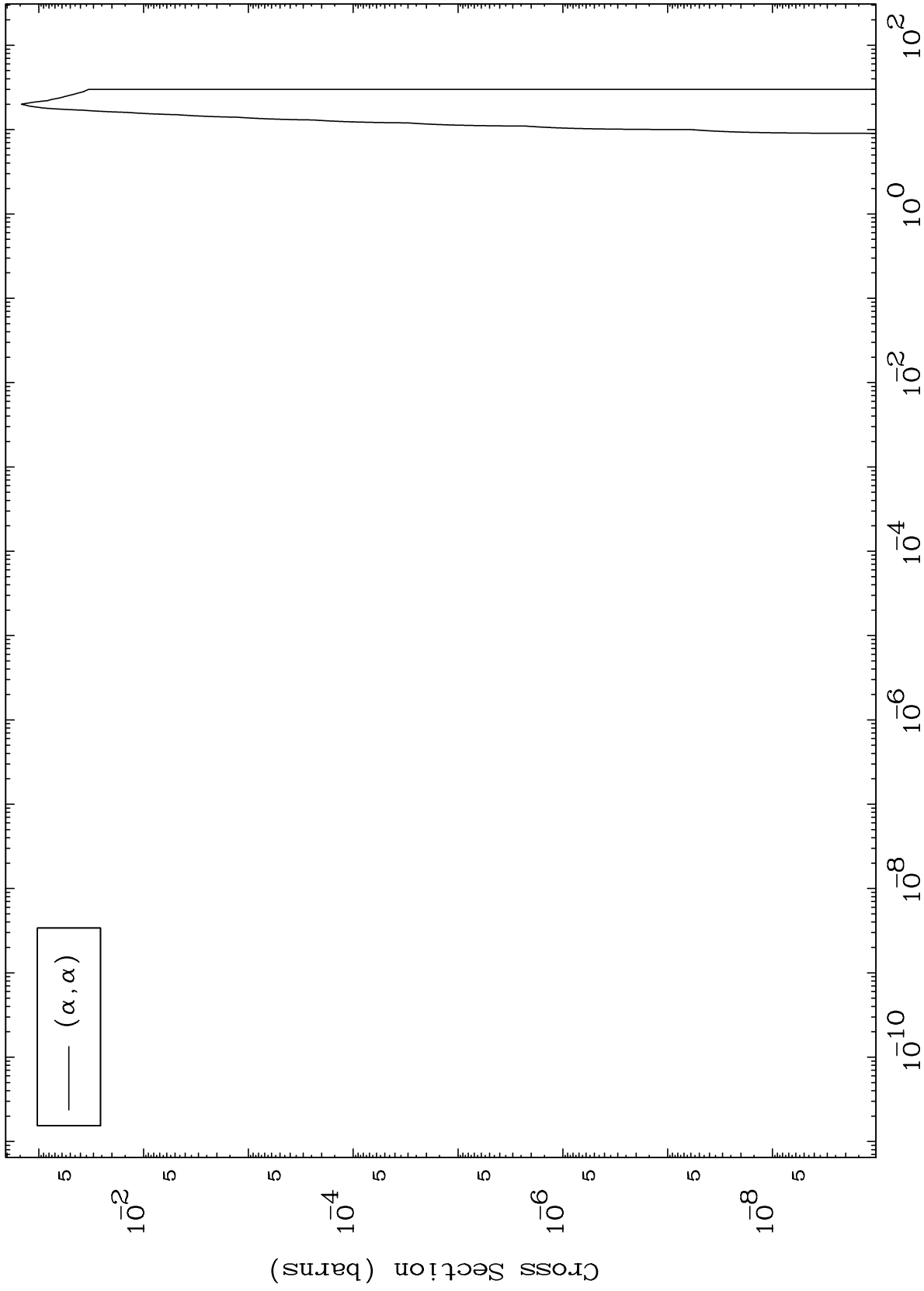
35-Br-84



MAT 3541

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

35-Br-84



10

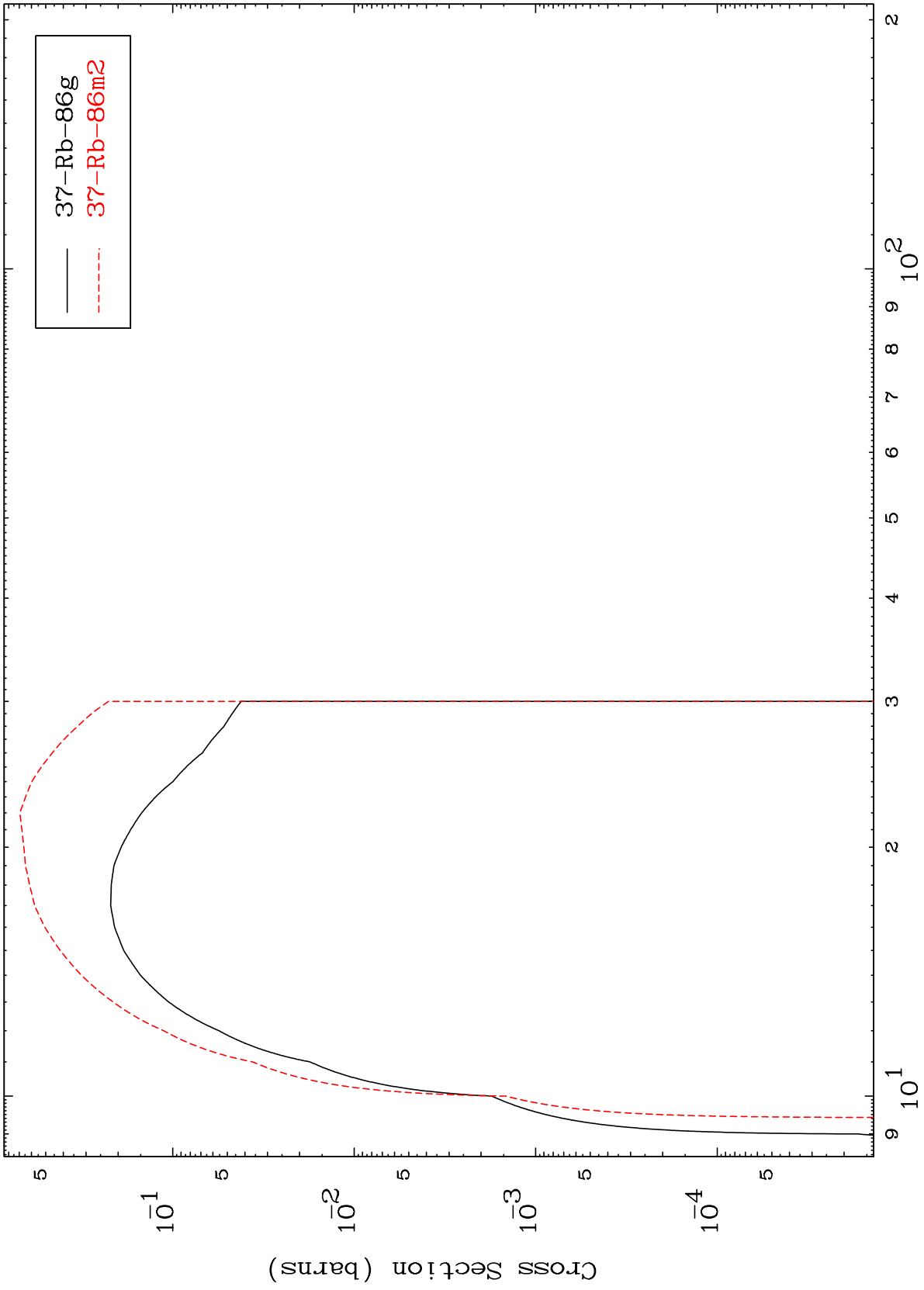
Incident Energy (MeV)

35-Br-84

MAT 3541

35-Br-84

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



11

Incident Energy (MeV)

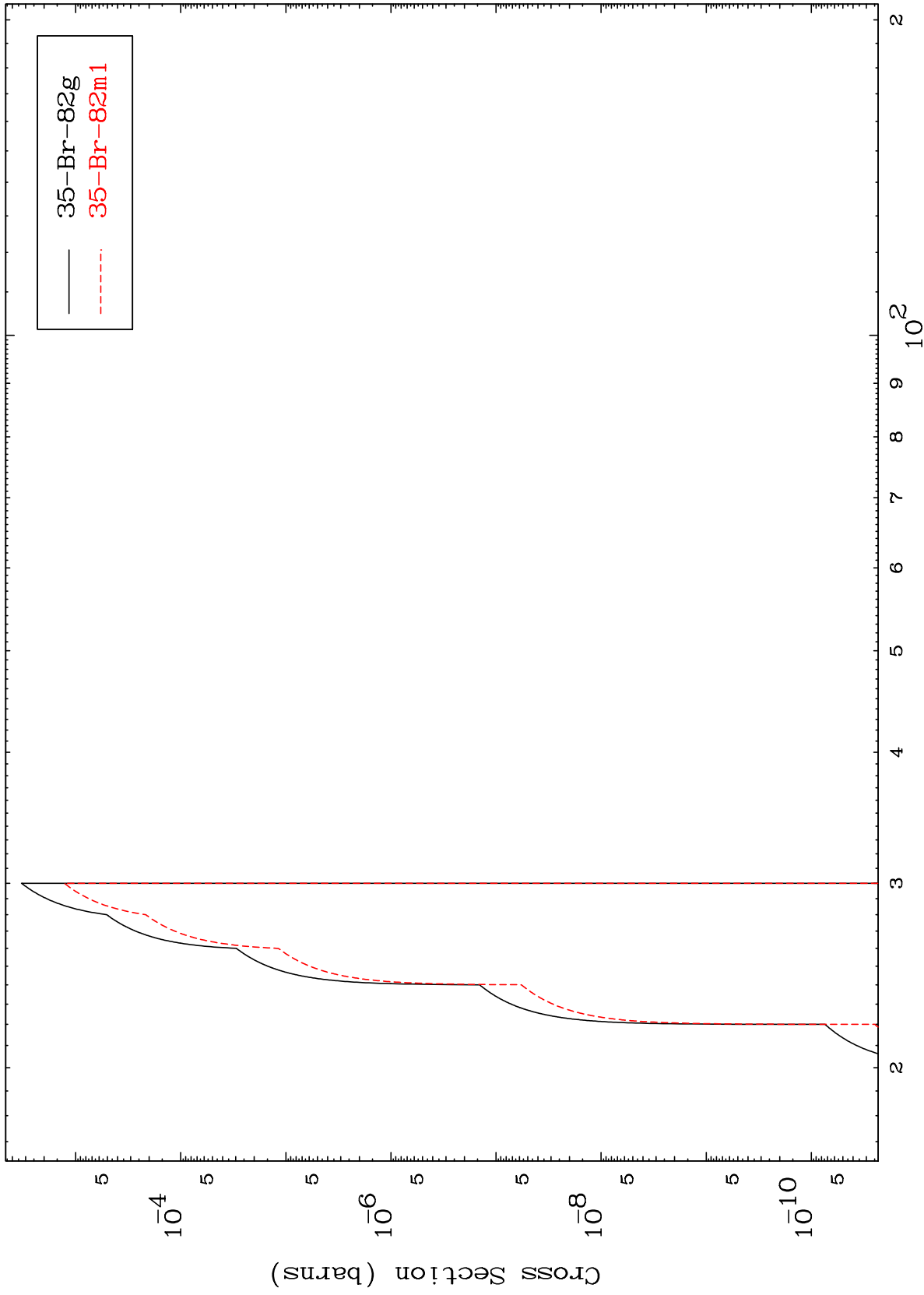
35-Br-84

MAT 3541

$(\alpha, 2n) \alpha$

35-Br-84

Radionuclide Production Cross Section



12

Incident Energy (MeV)

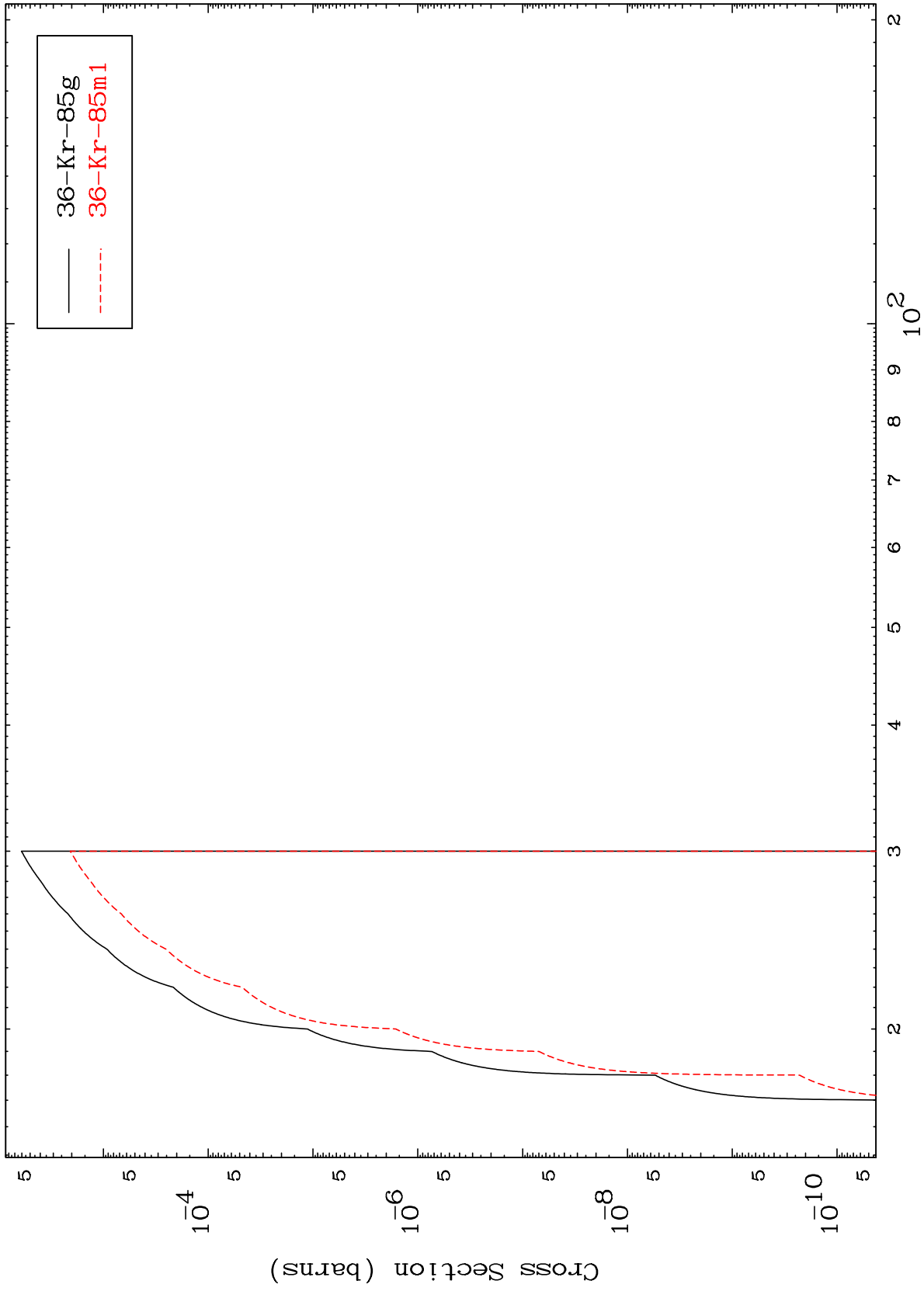
35-Br-84

MAT 3541

( $\alpha, n'$ ) d

35-Br-84

Radionuclide Production Cross Section



13

Incident Energy (MeV)

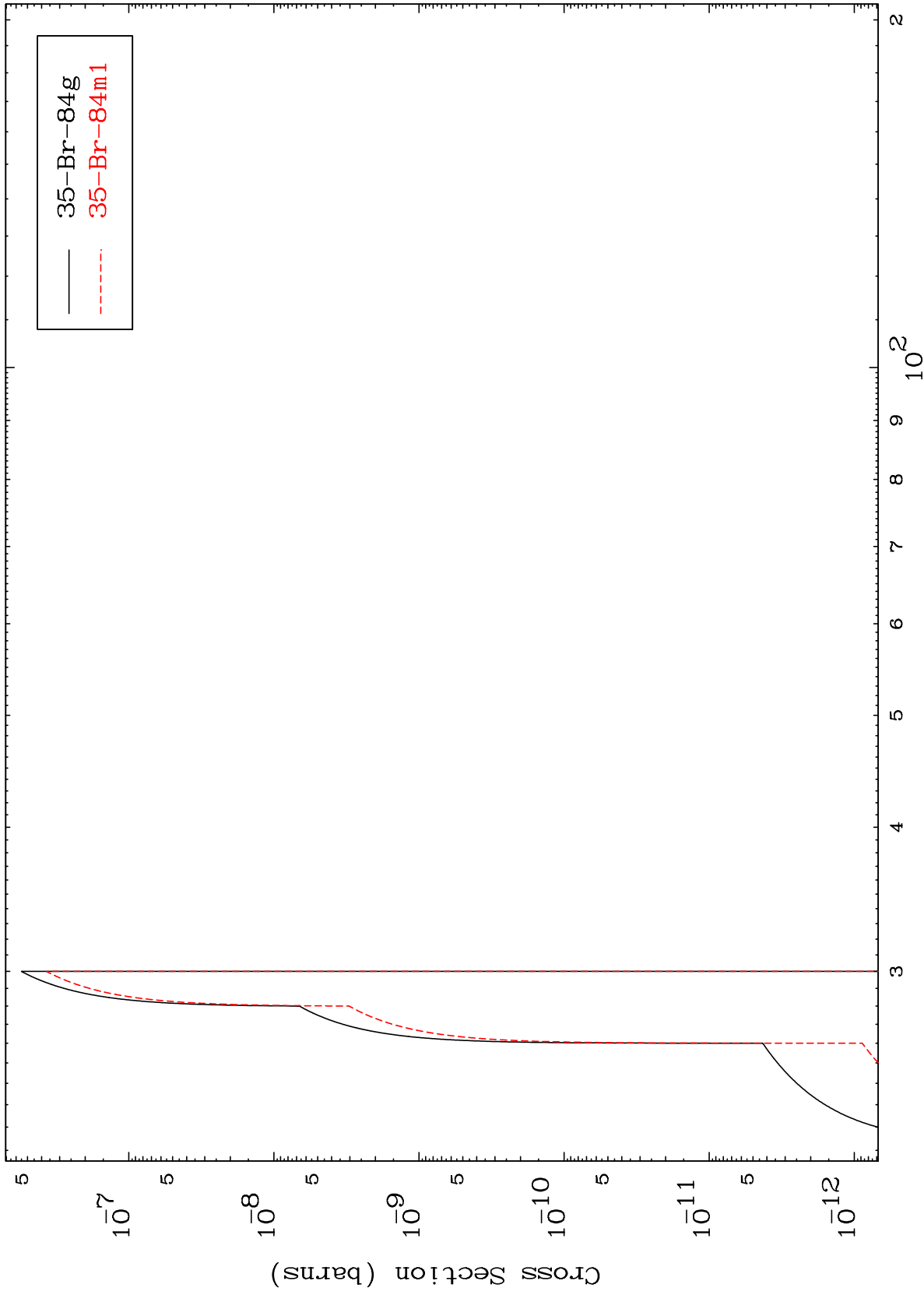
35-Br-84

MAT 3541

( $\alpha, n'$ ) He-3

35-Br-84

Radionuclide Production Cross Section



14

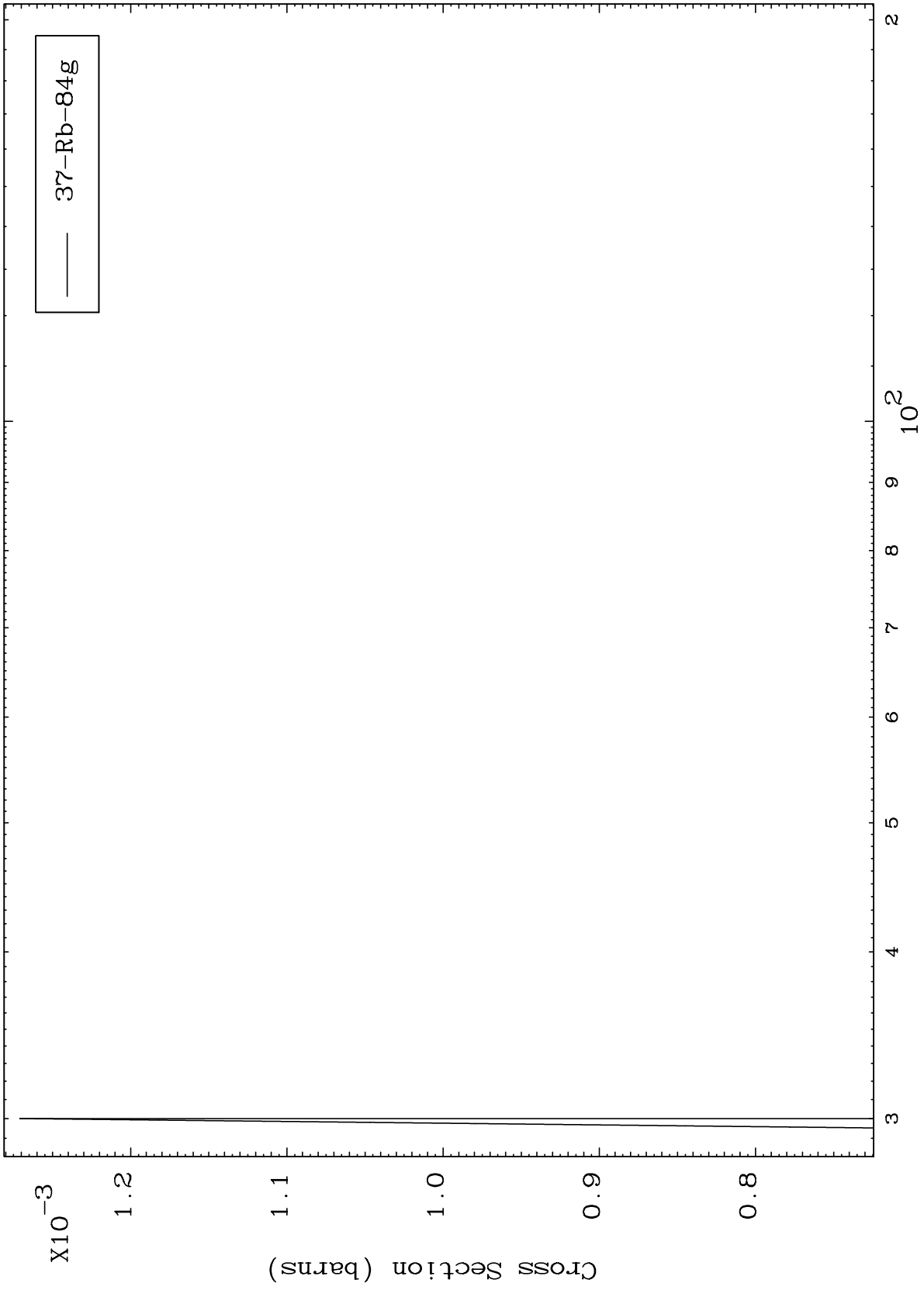
Incident Energy (MeV)

35-Br-84

MAT 3541

35-Br-84

( $\alpha, 4n$ )  
Radionuclide Production Cross Section



15

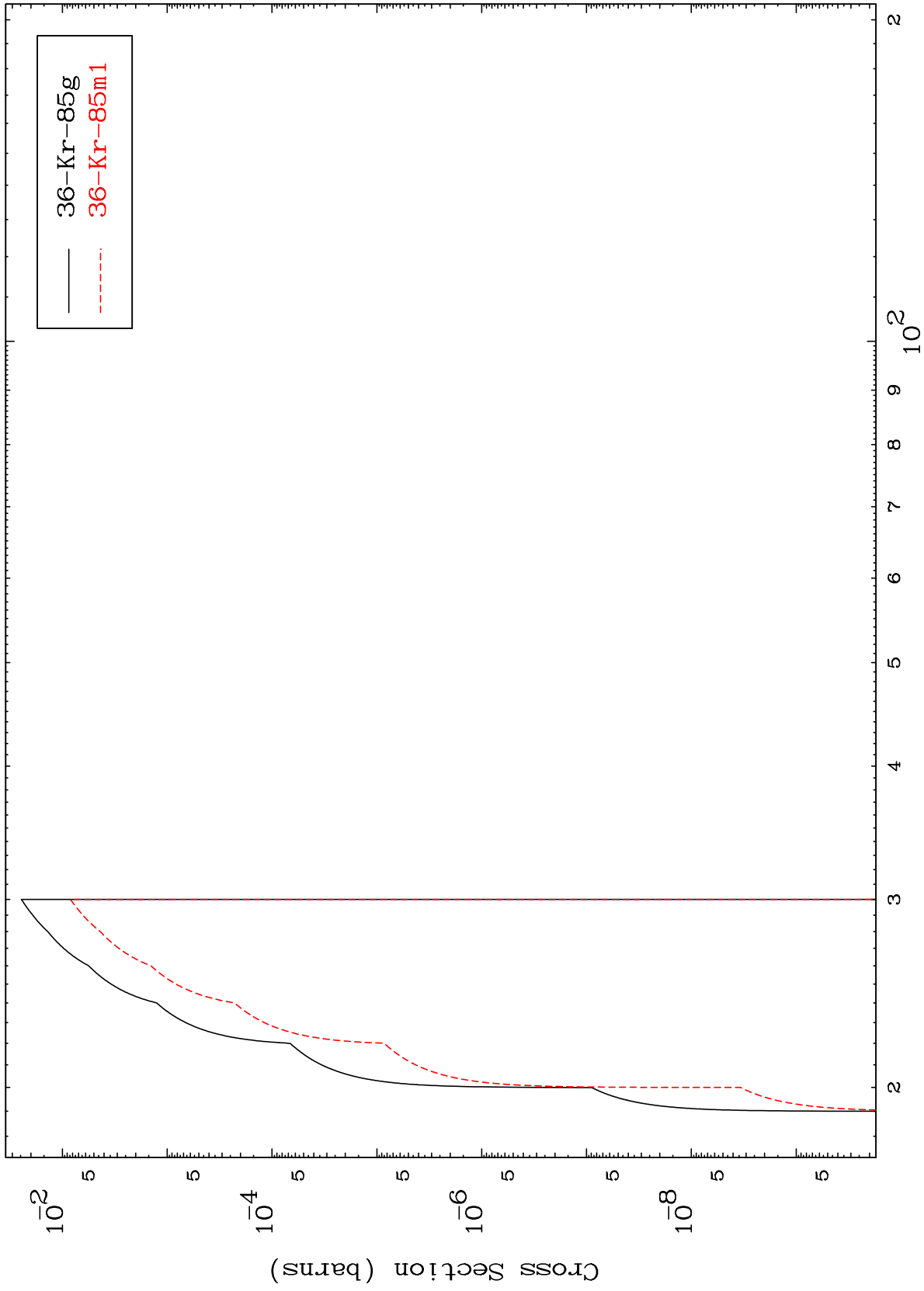
35-Br-84



MAT 3541

35-Br-84

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



16

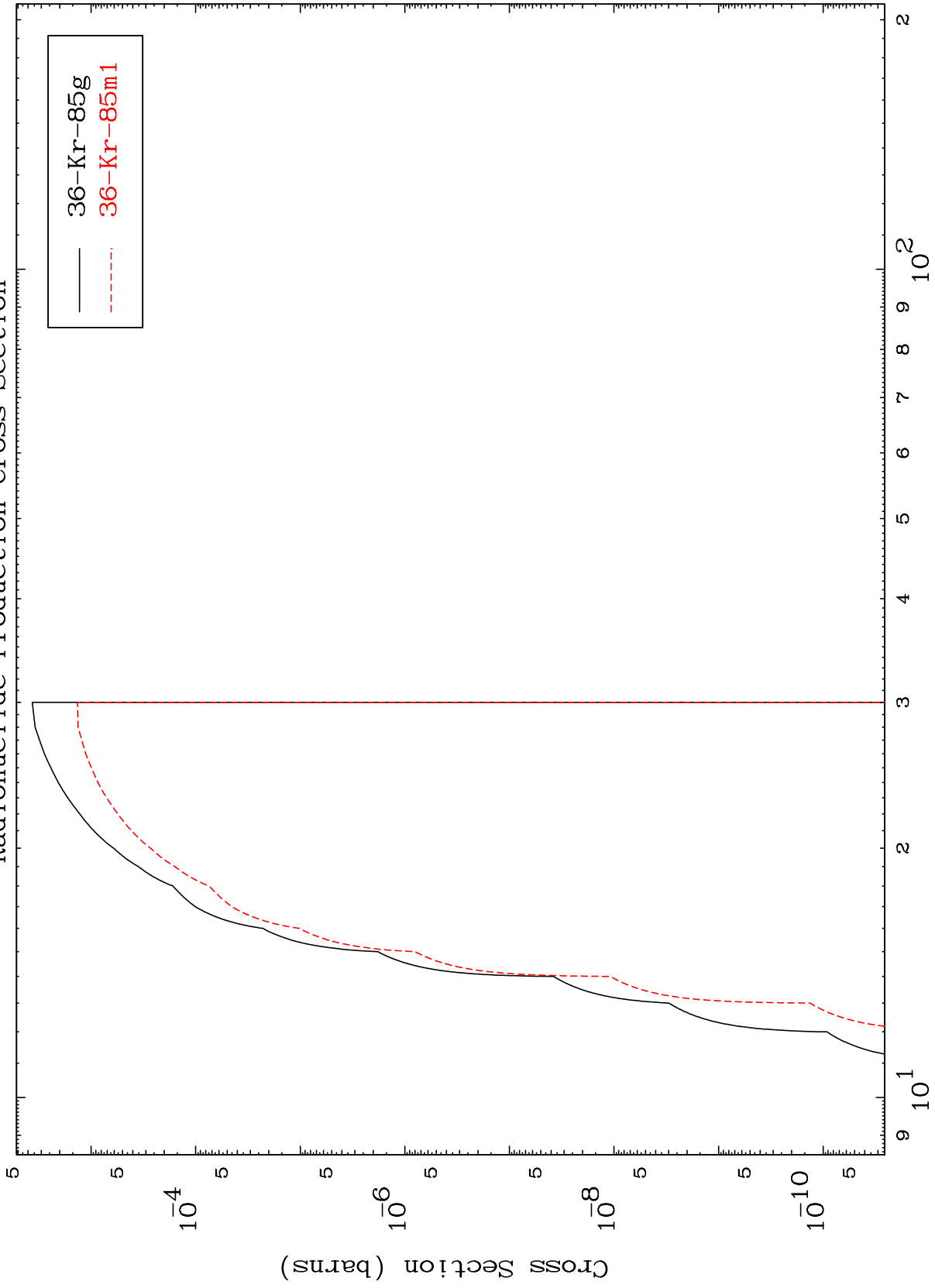
35-Br-84

MAT 3541

( $\alpha, t$ )

35-Br-84

Radionuclide Production Cross Section



17

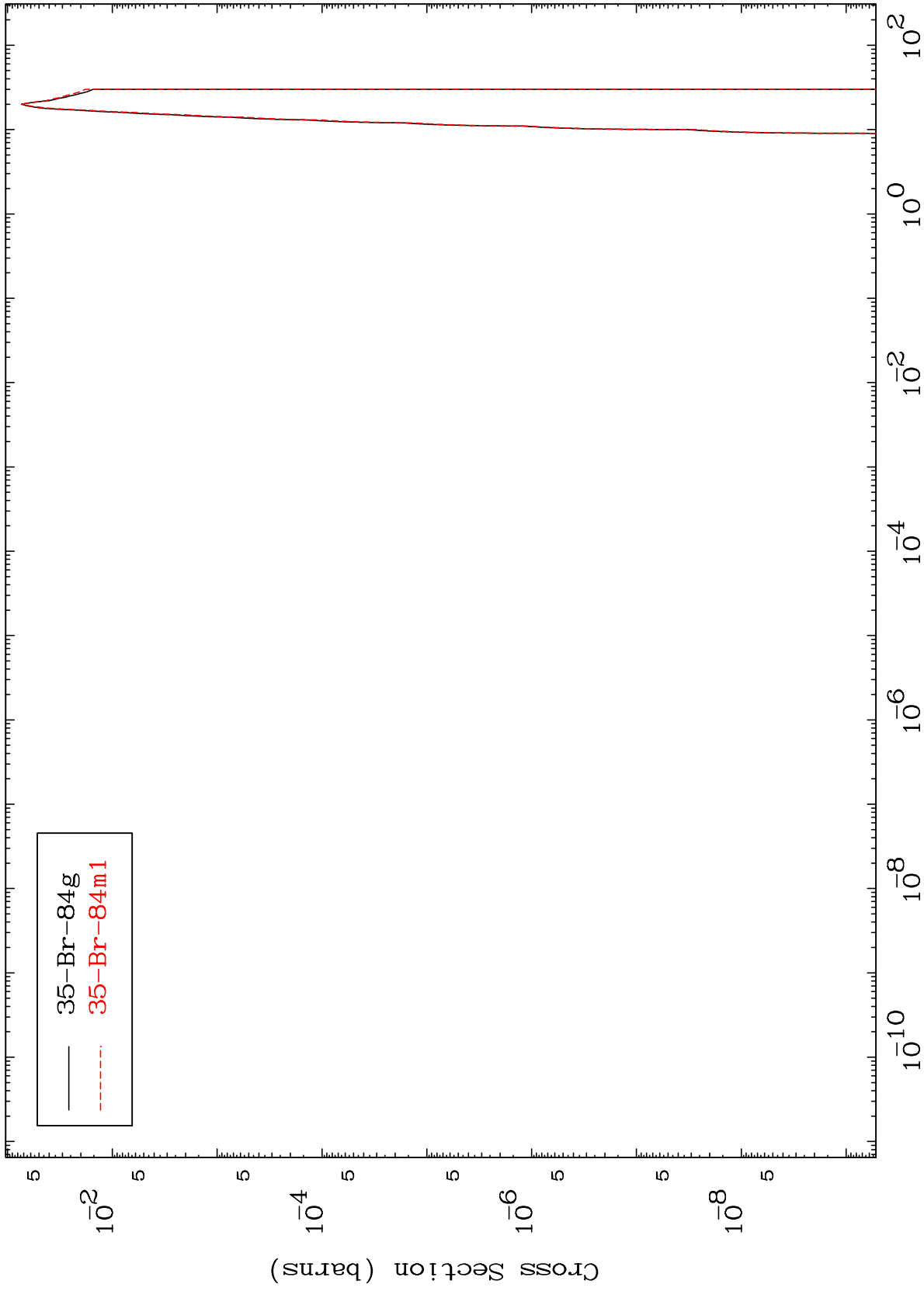
Incident Energy (MeV)

35-Br-84

MAT 3541

35-Br-84

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



18

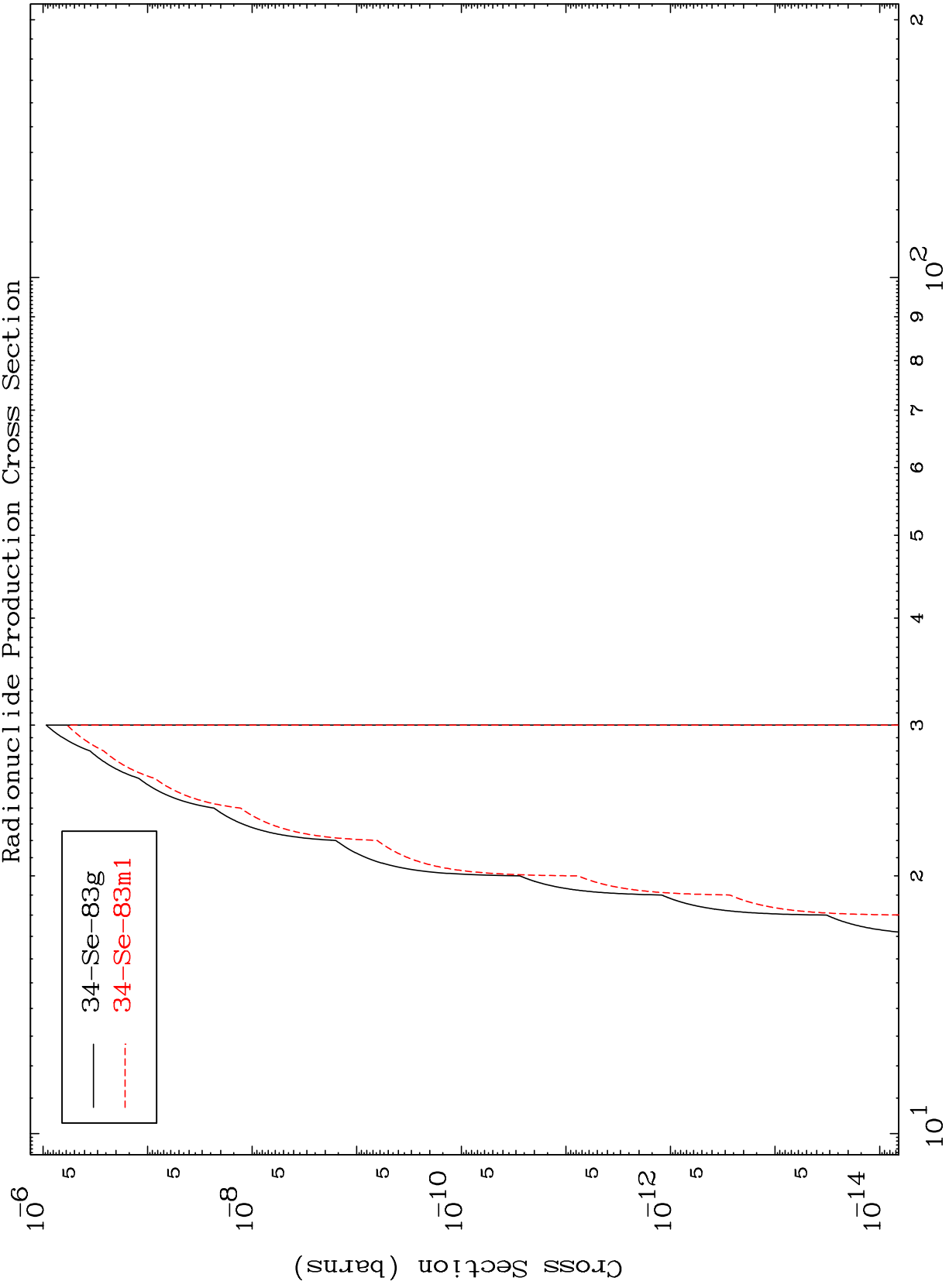
35-Br-84

MAT 3541

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

35-Br-84

Radionuclide Production Cross Section



19

Incident Energy (MeV)

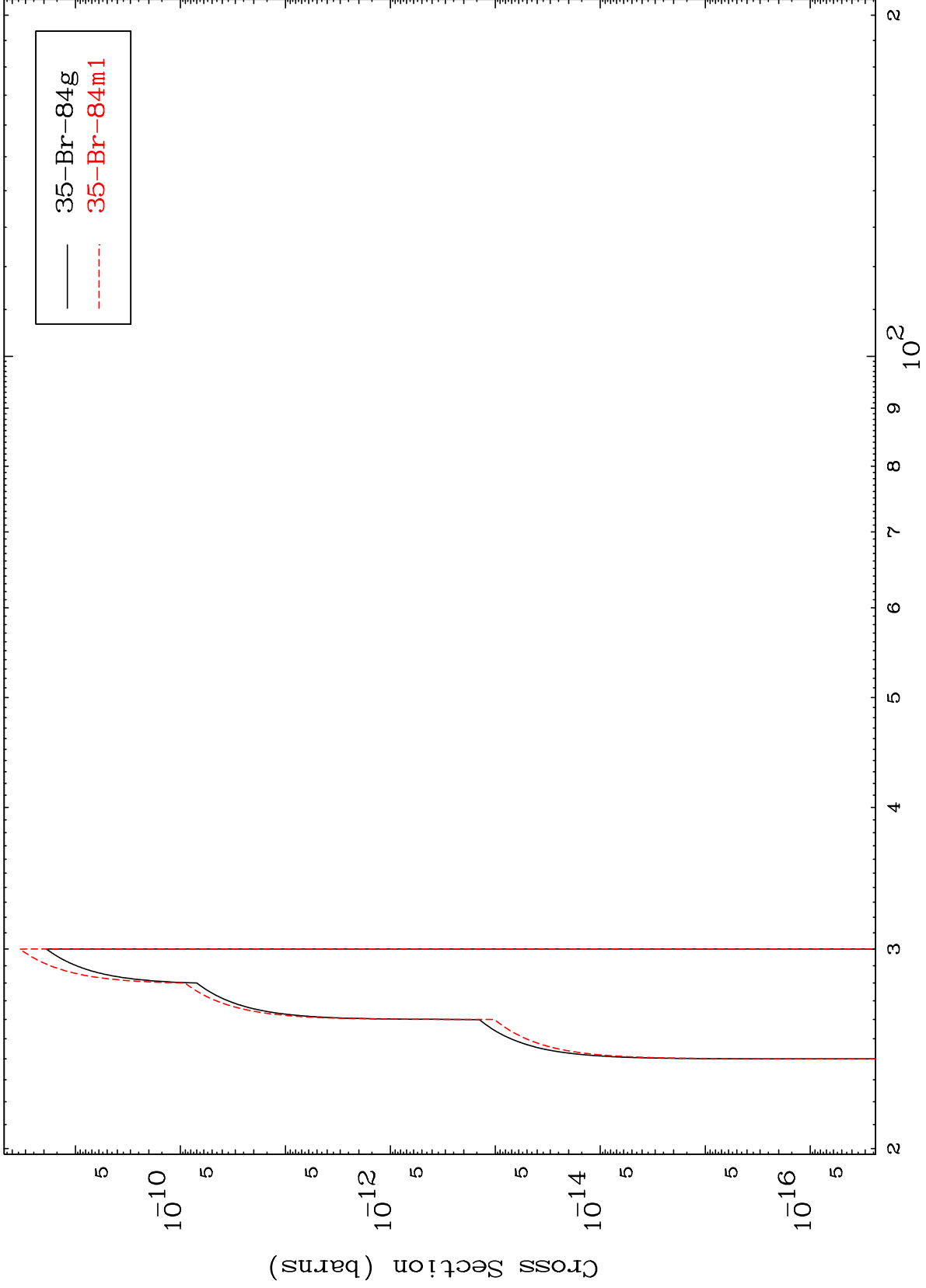
35-Br-84

MAT 3541

( $\alpha, p$ ) t

35-Br-84

Radionuclide Production Cross Section



20

Incident Energy (MeV)

35-Br-84