

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

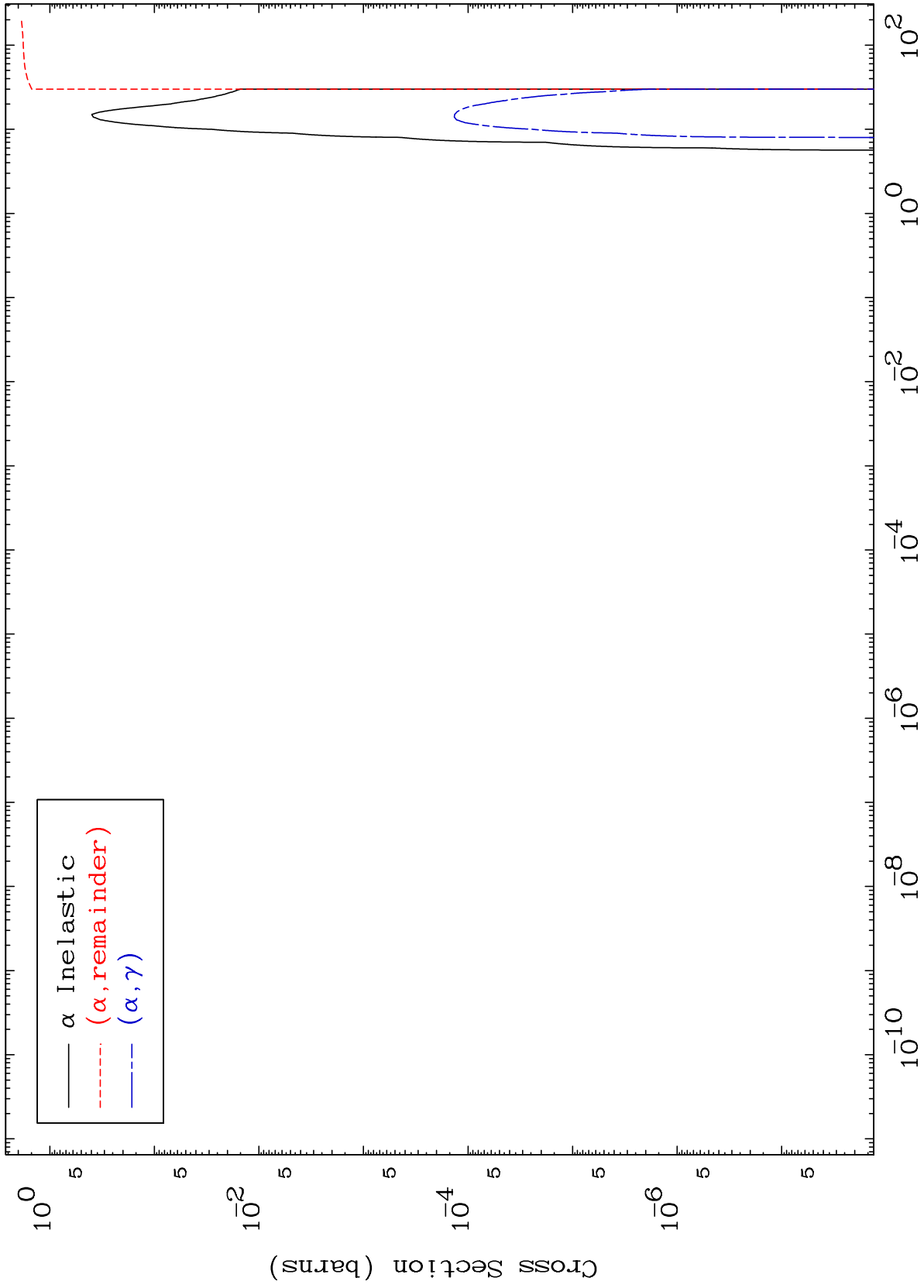
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3643

0 Kelvin  $\alpha$  Major  
Cross Sections

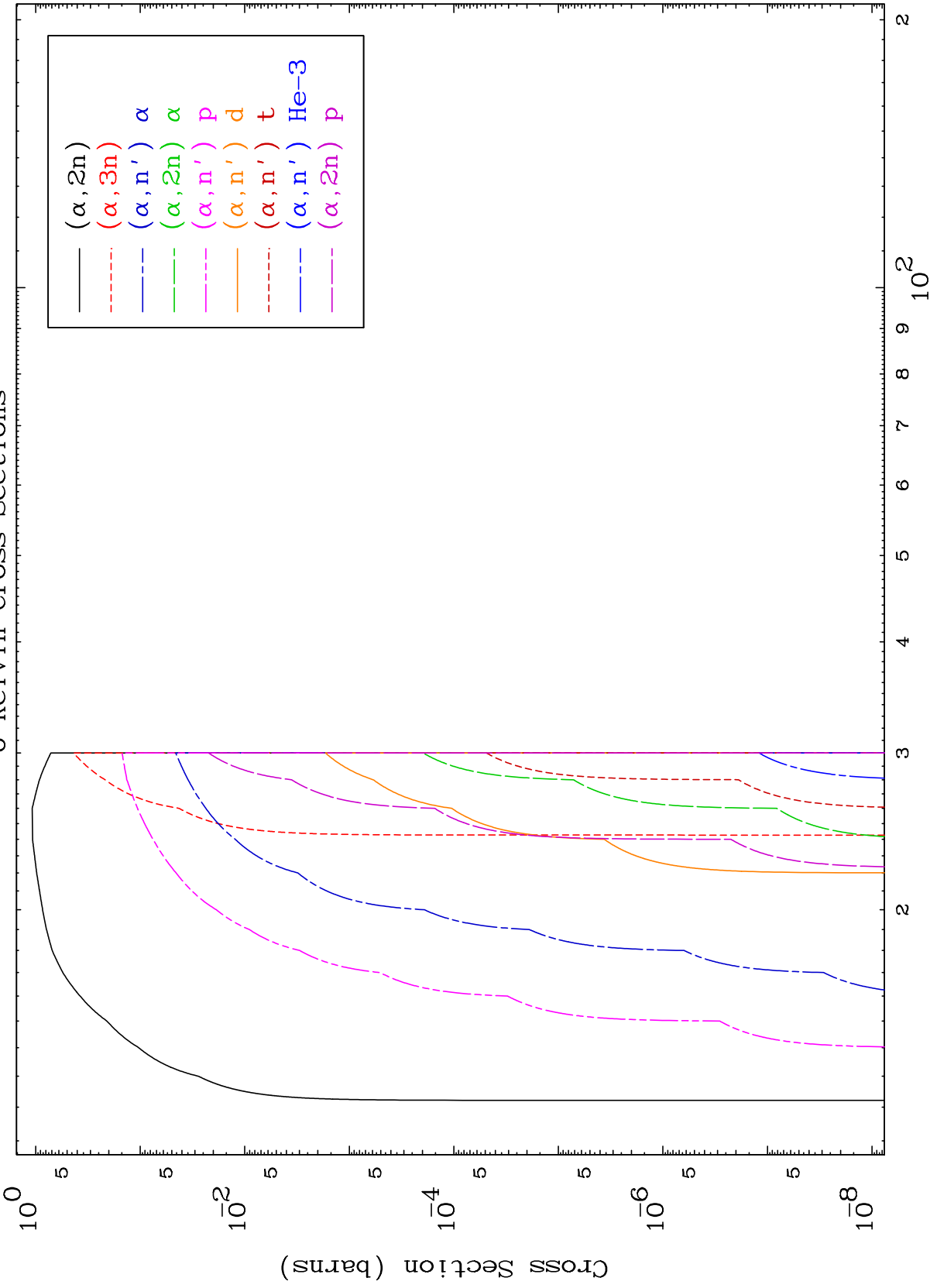
36-Kr-84



MAT 3643

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

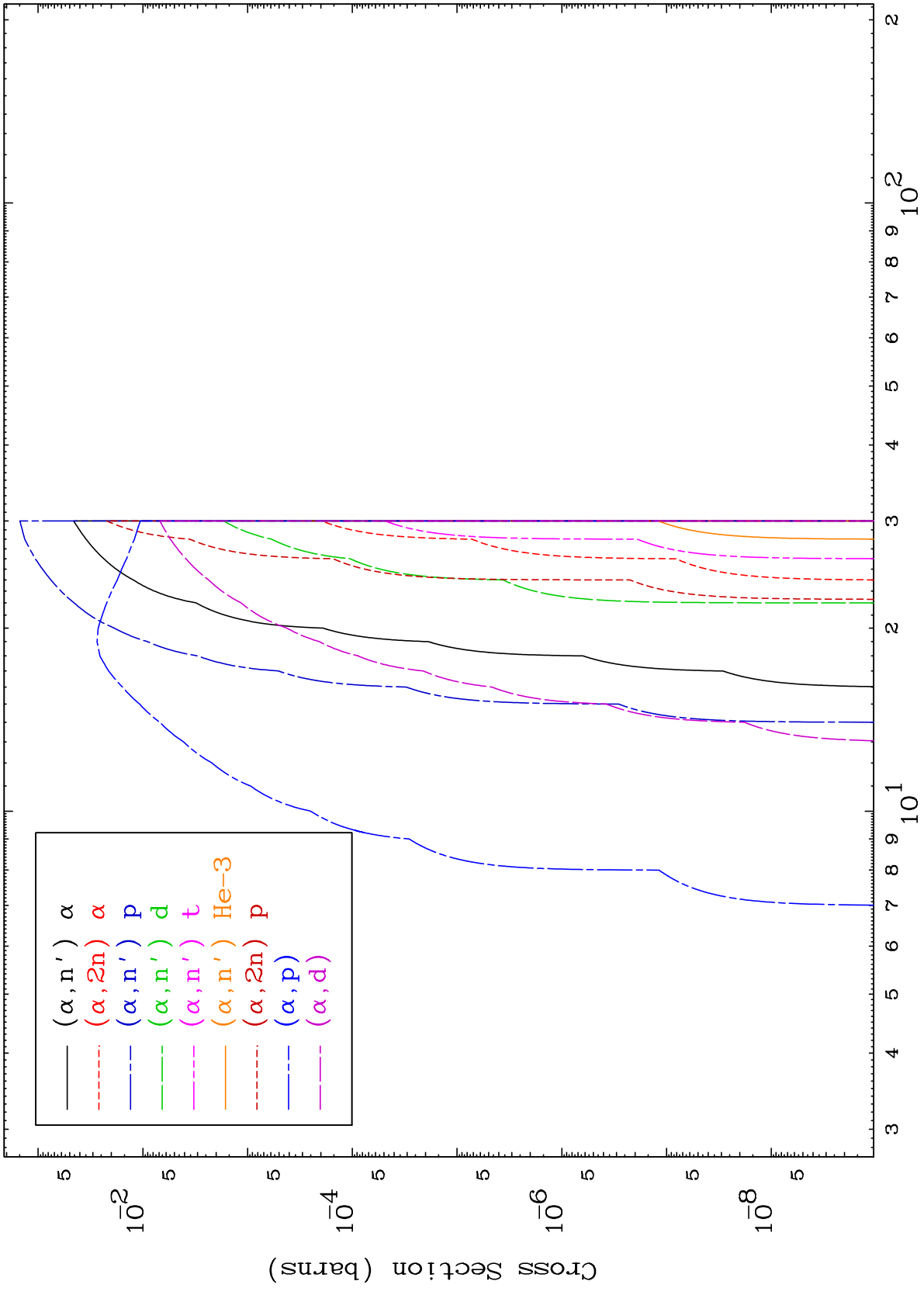
36-Kr-84



2

Incident Energy (MeV)

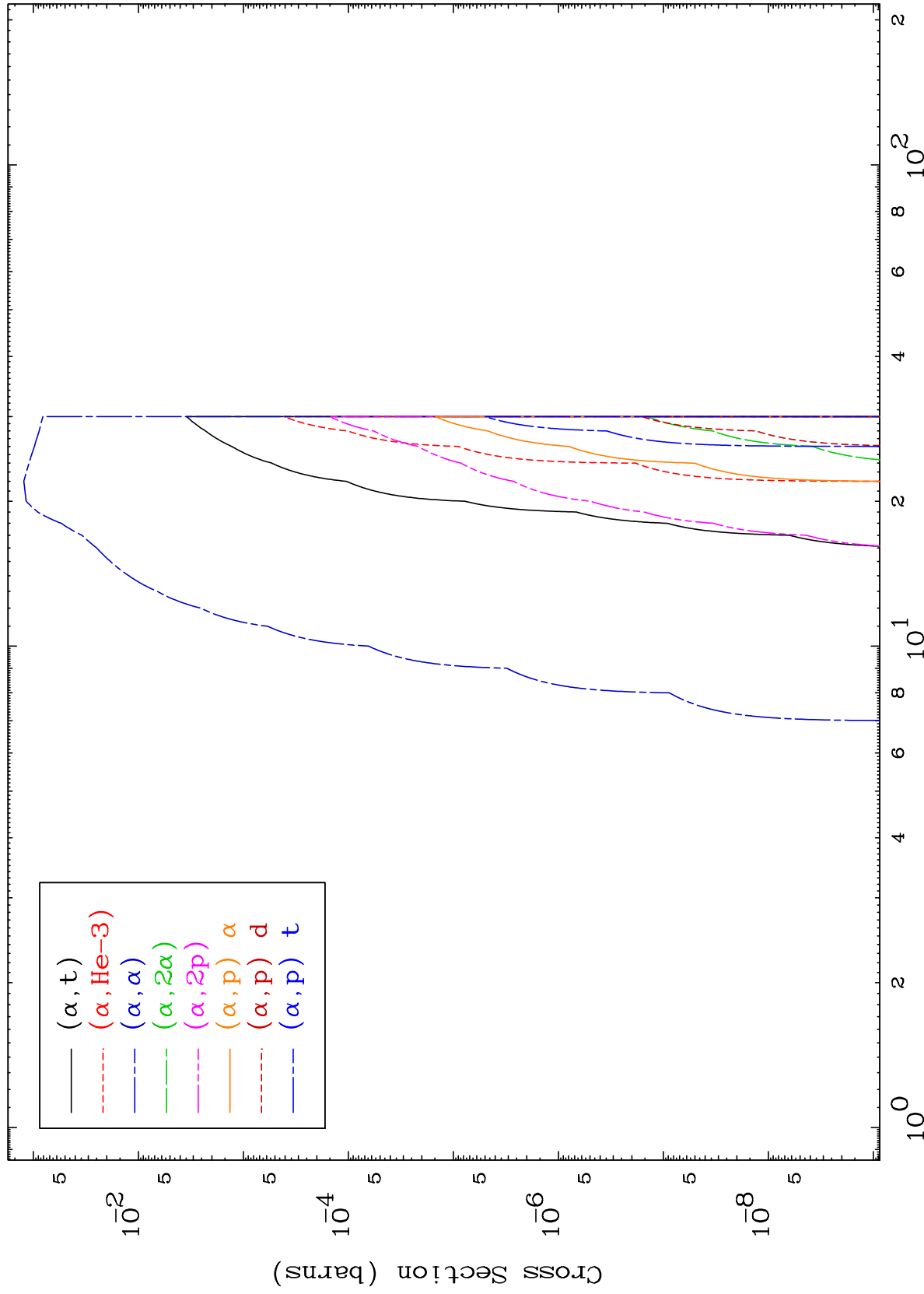
36-Kr-84



MAT 3643

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

36-Kr-84



4

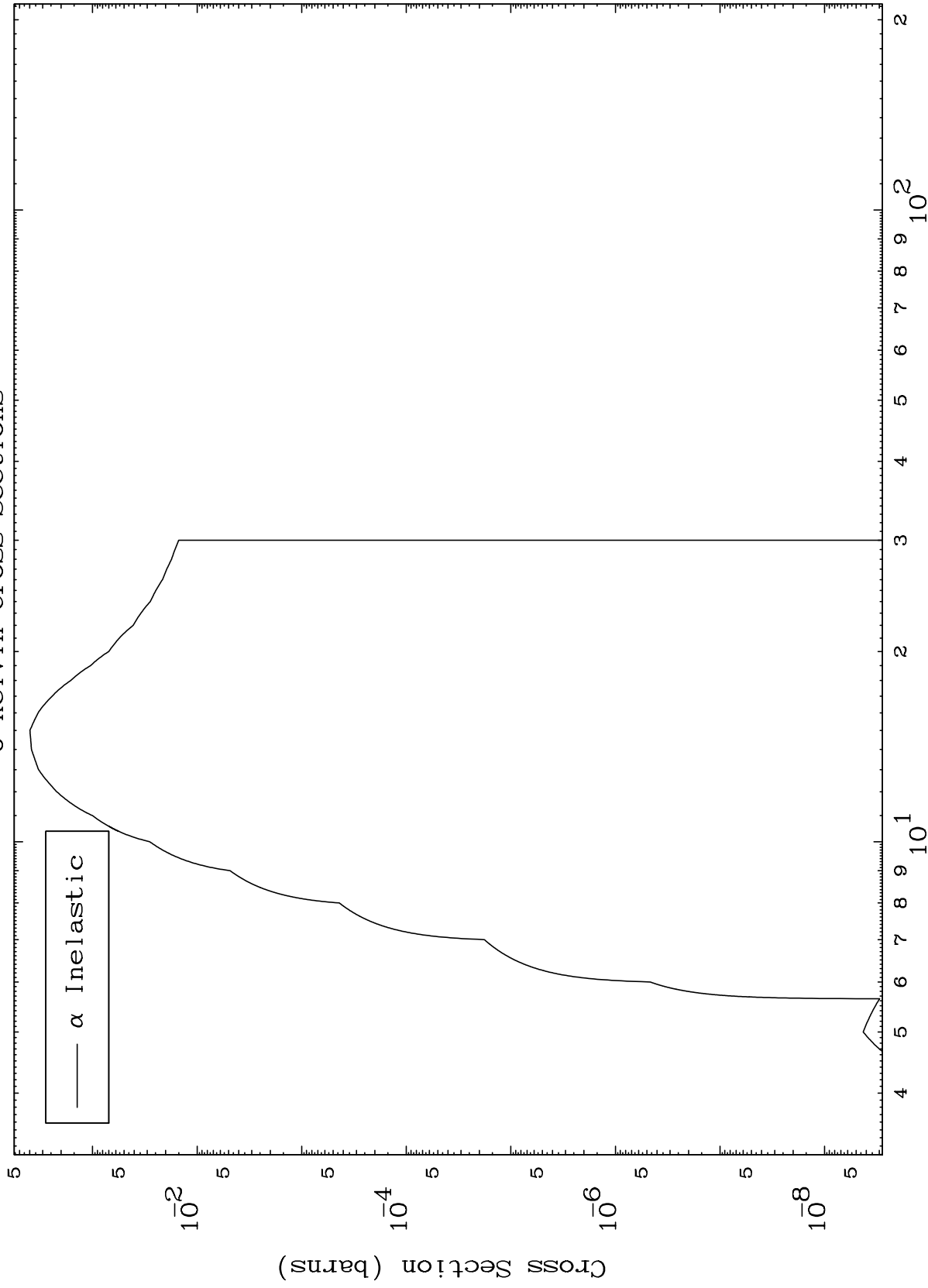
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



5

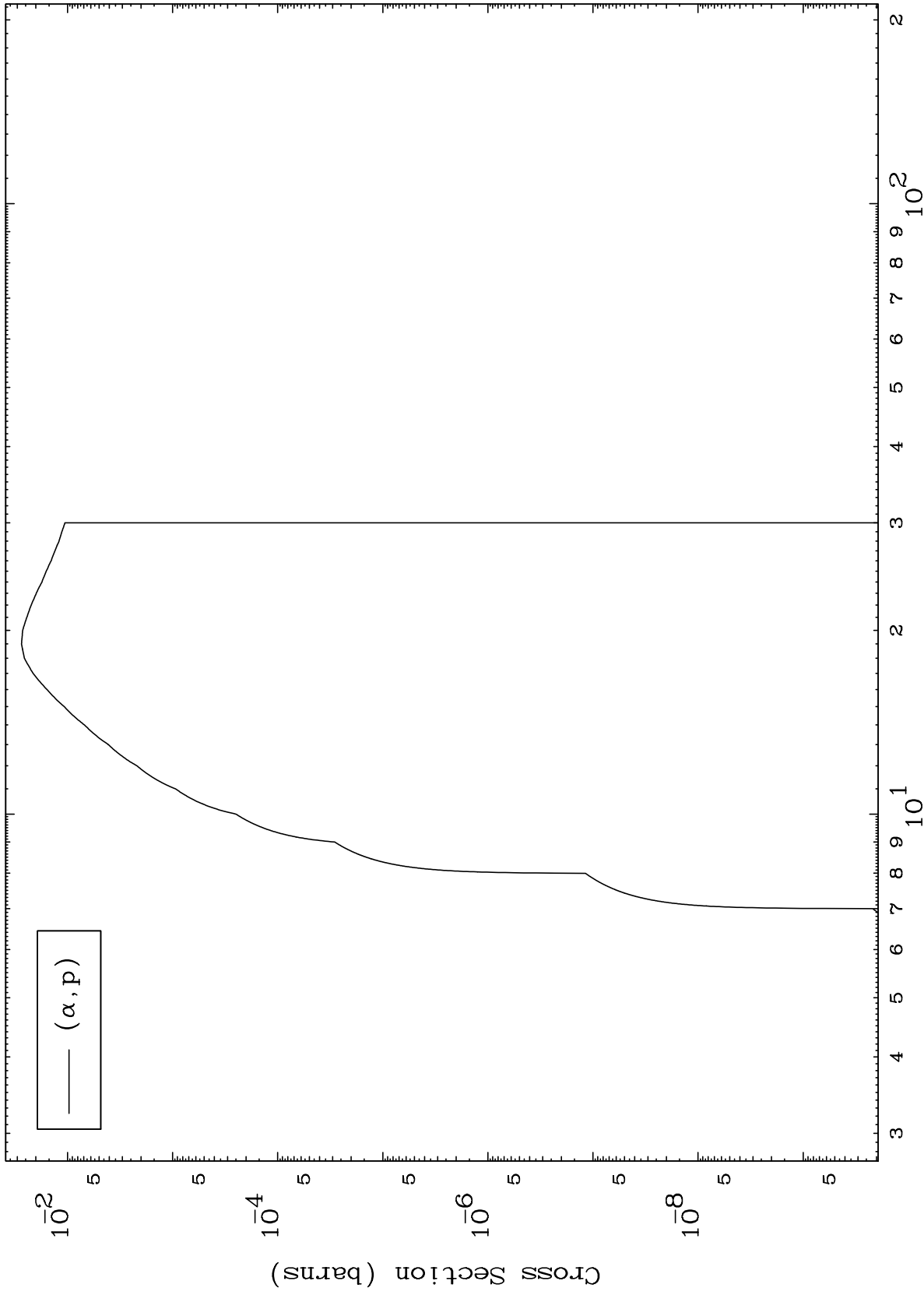
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

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



6

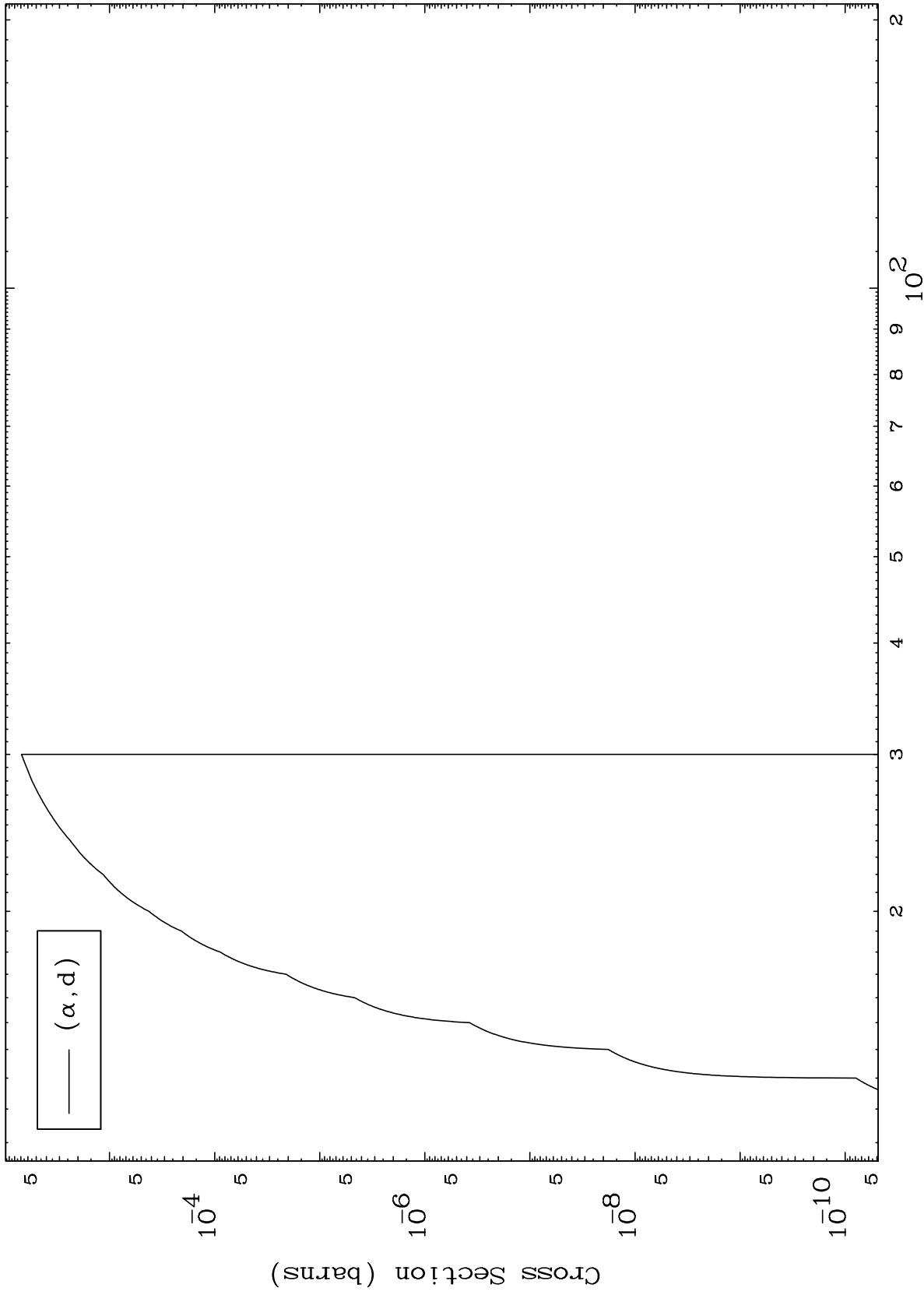
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84

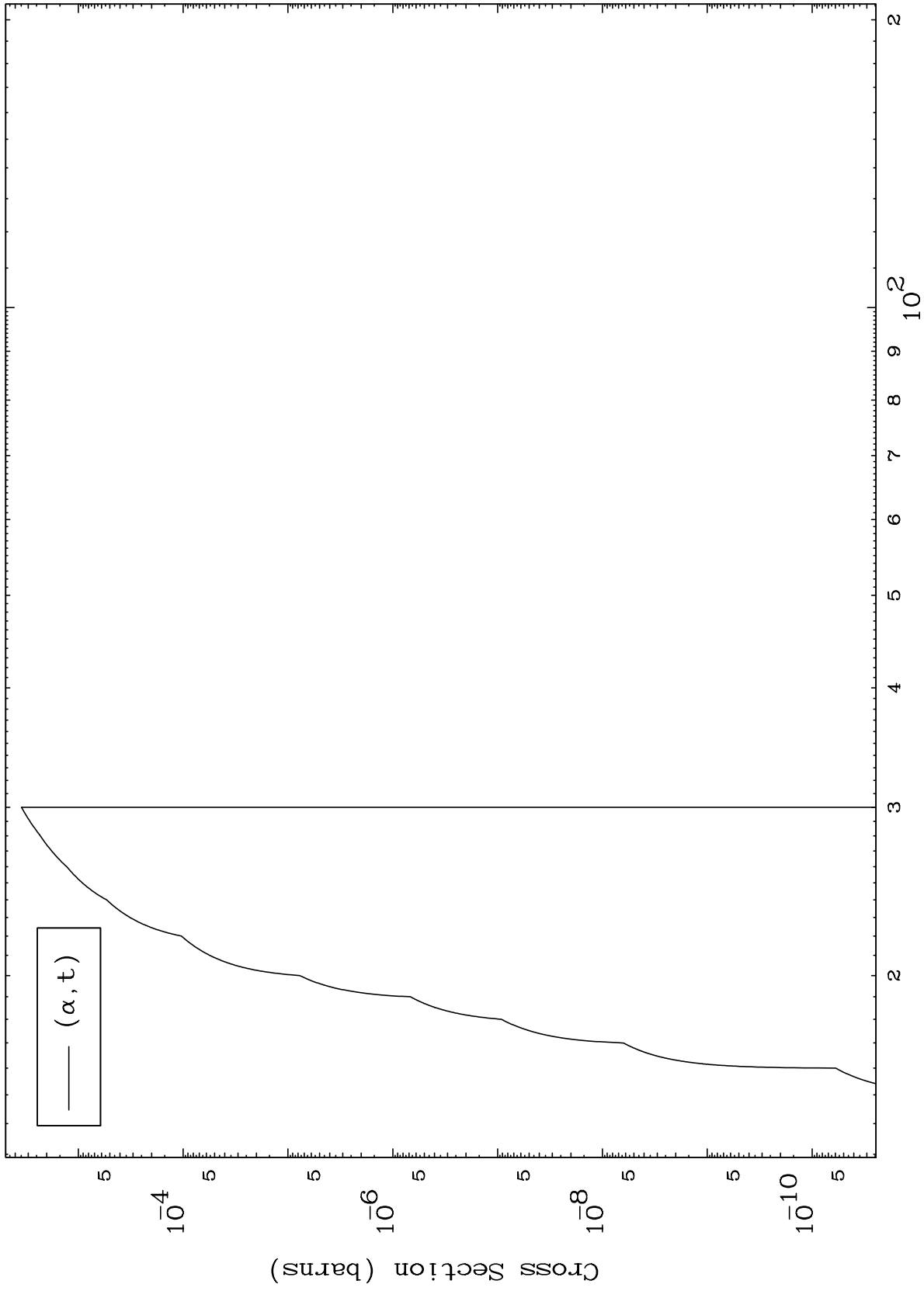


7

Incident Energy (MeV)

36-Kr-84

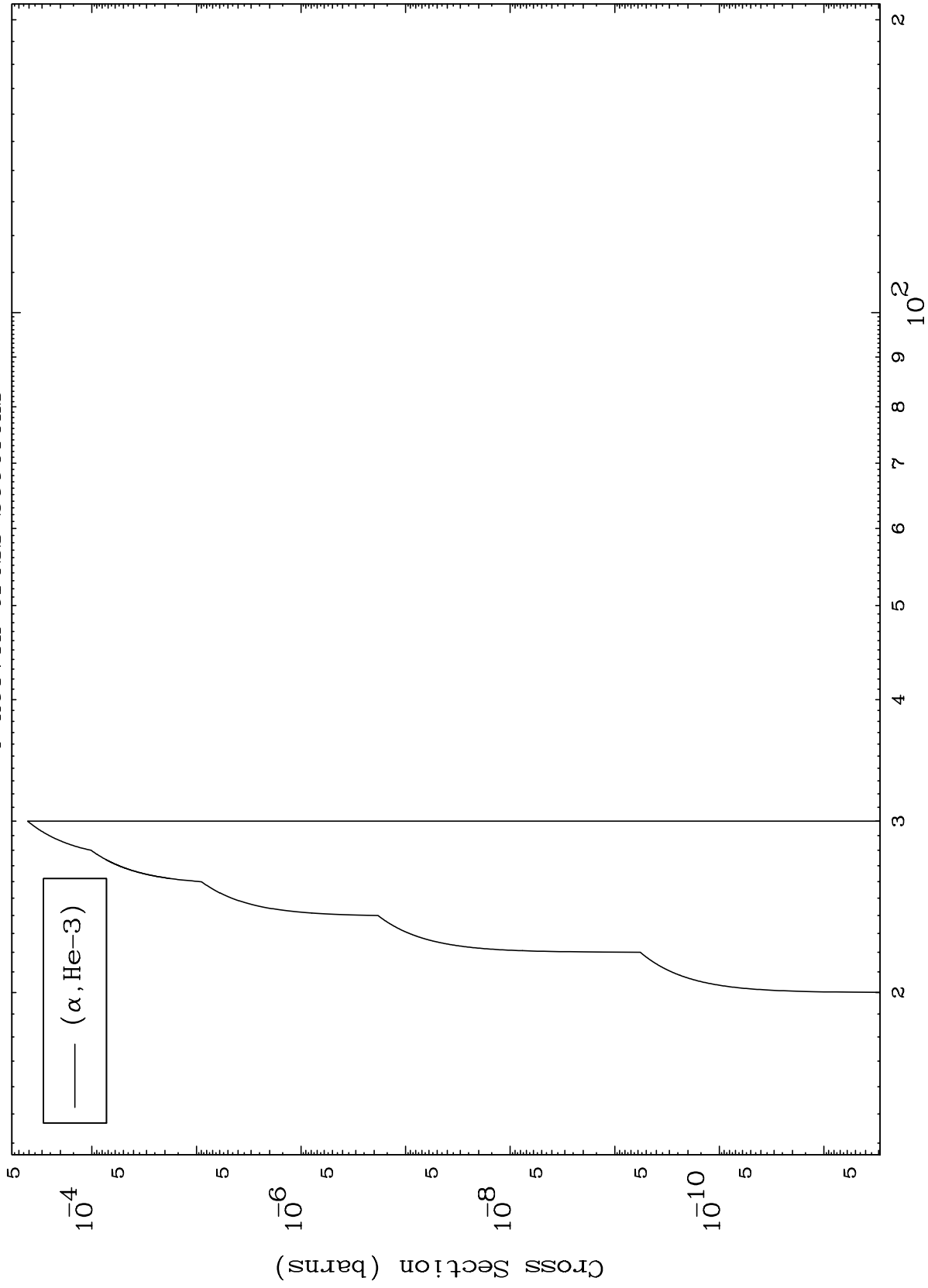




MAT 3643

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

36-Kr-84



9

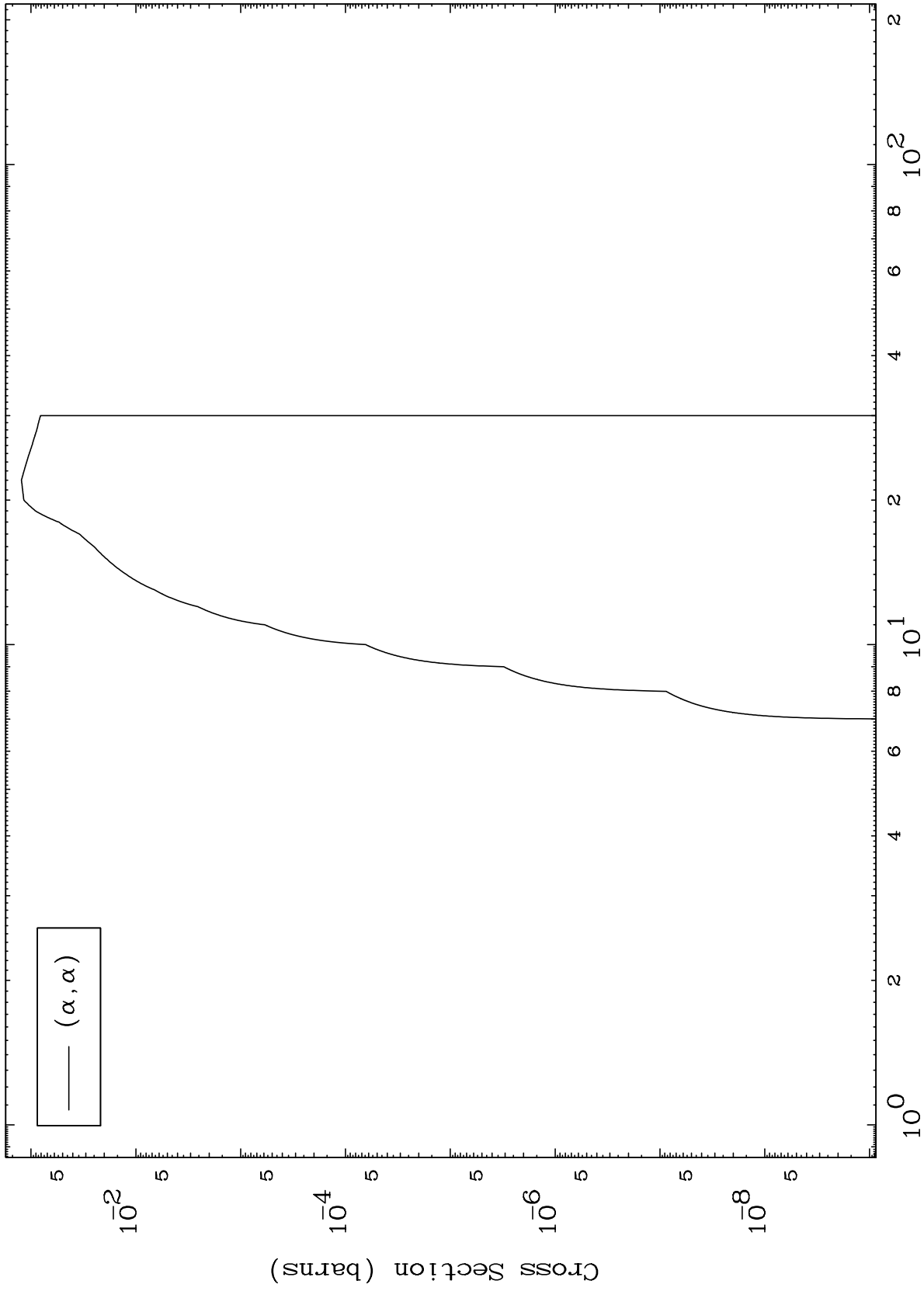
Incident Energy (MeV)

36-Kr-84

MAT 3643

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

36-Kr-84



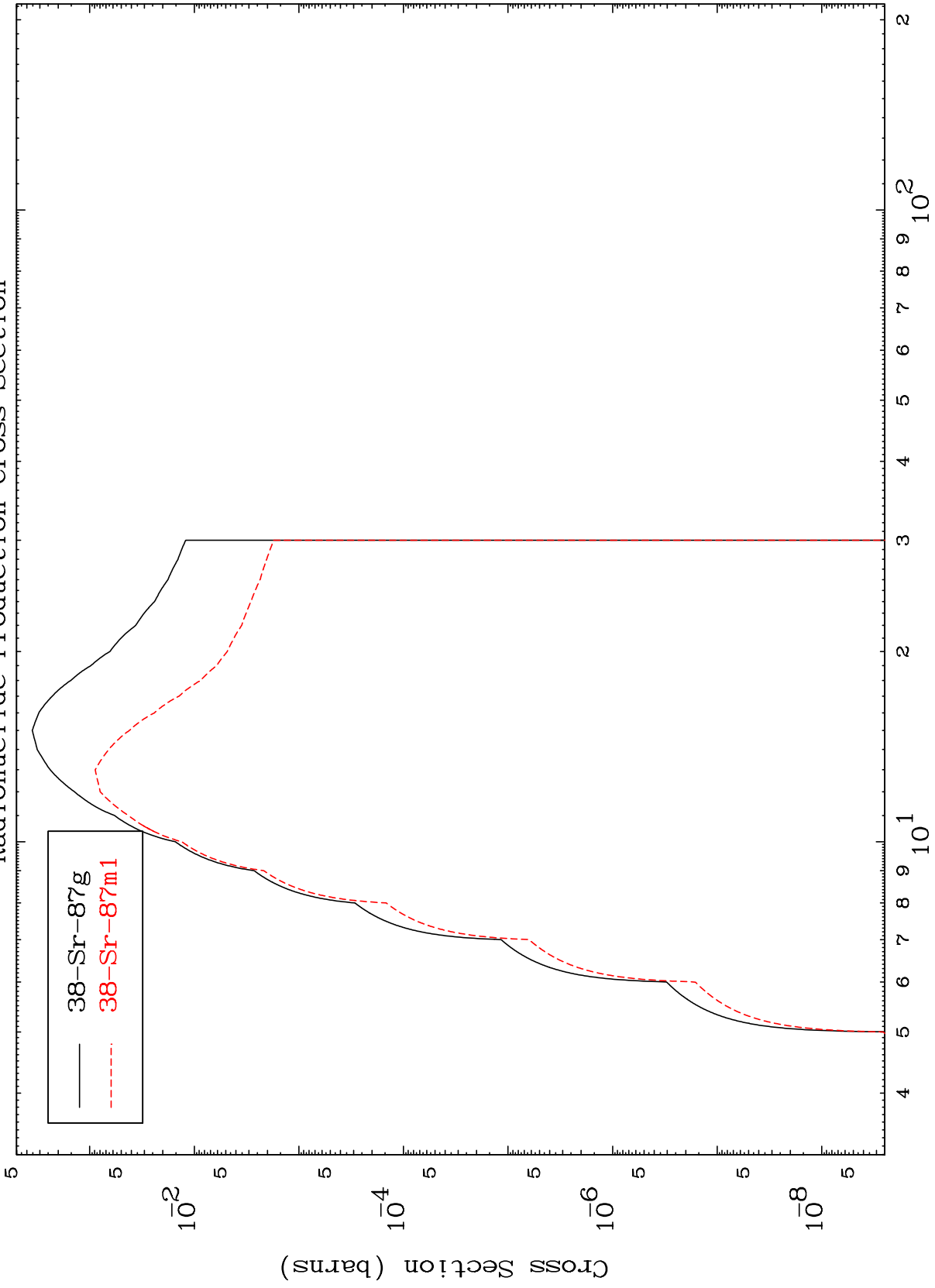
Incident Energy (MeV)

36-Kr-84

MAT 3643

Radionuclide Production Cross Section

36-Kr-84



11

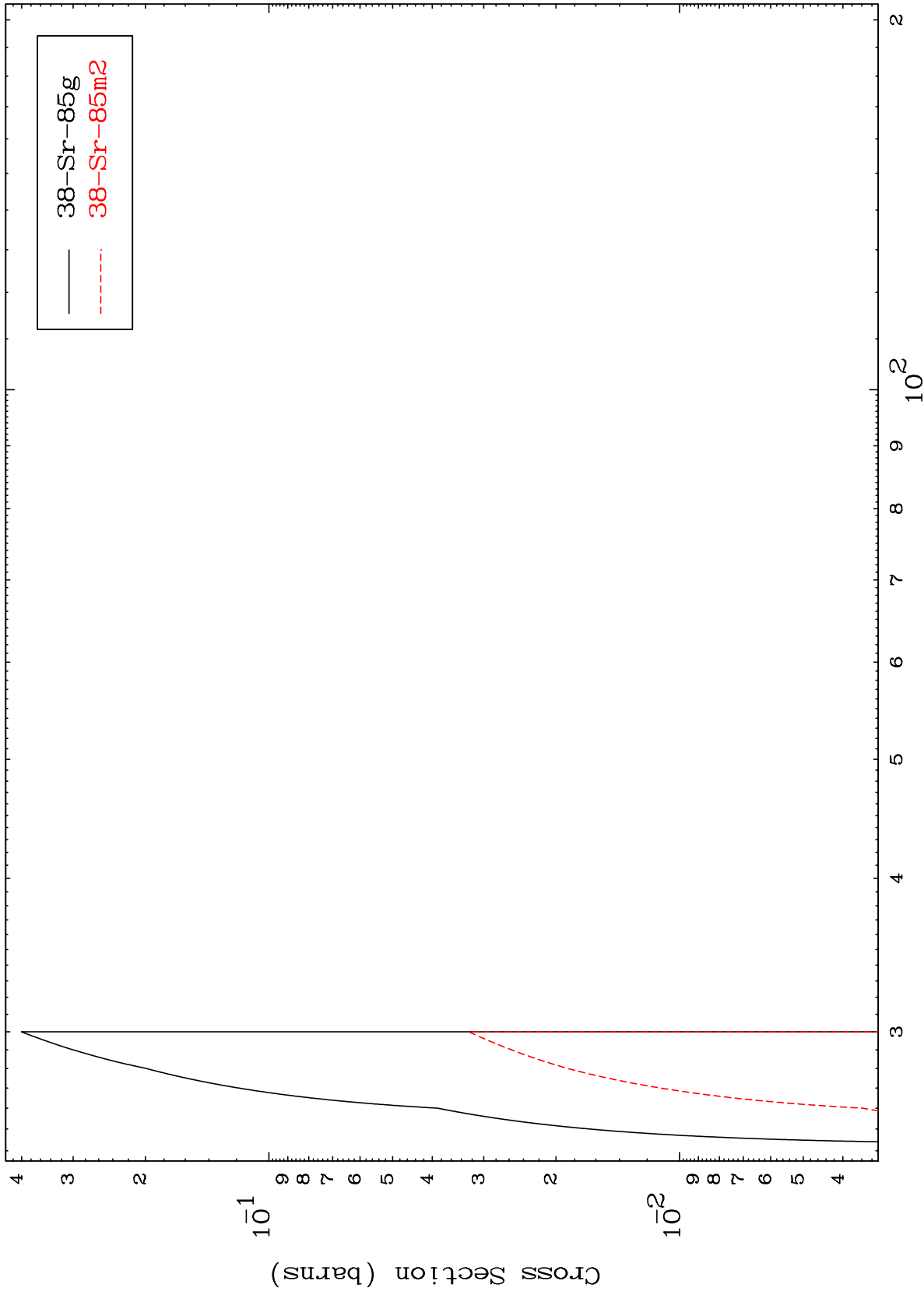
Incident Energy (MeV)

36-Kr-84

MAT 3643

36-Kr-84

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



12

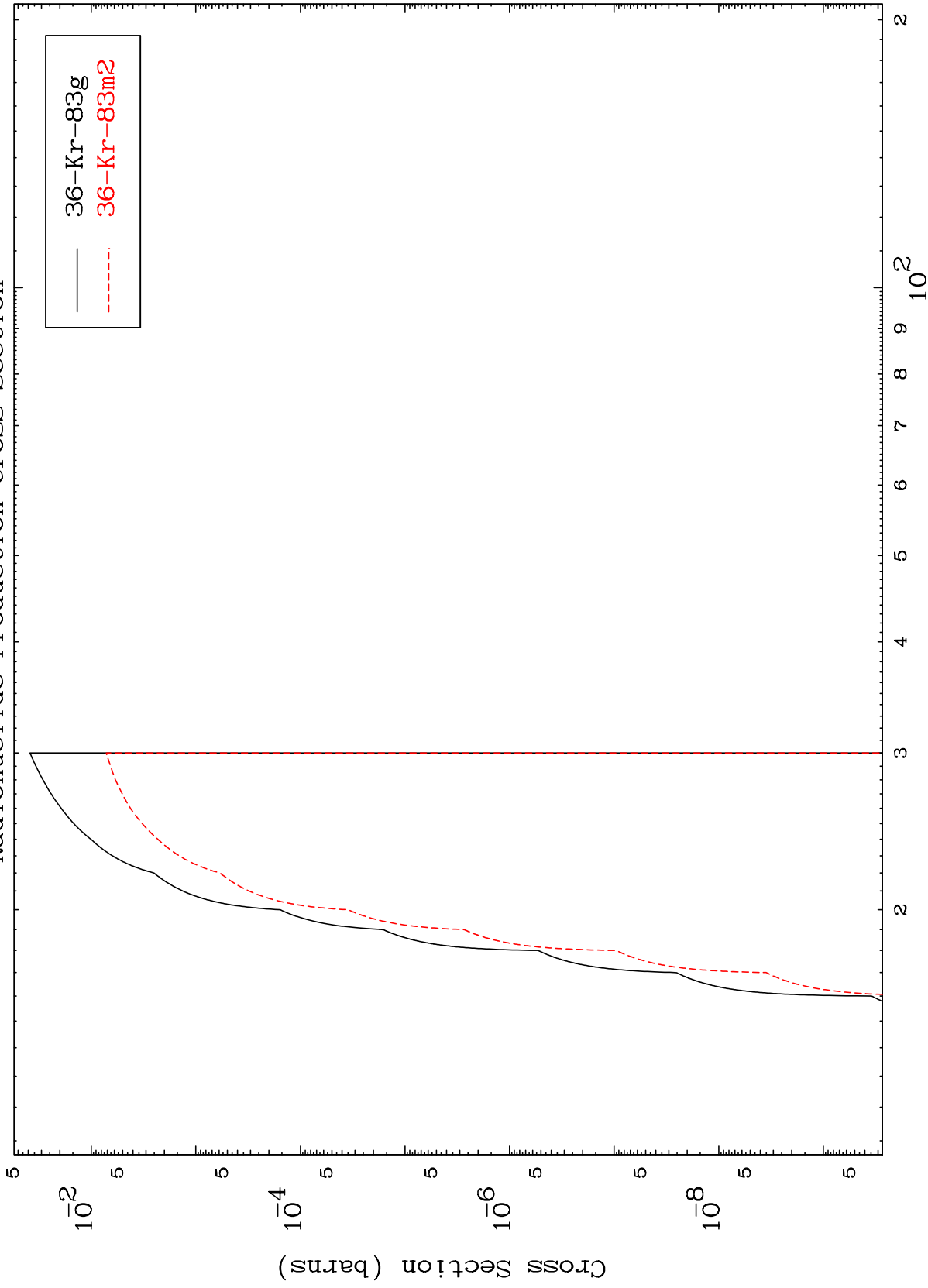
36-Kr-84

MAT 3643

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

36-Kr-84

Radionuclide Production Cross Section



13

Incident Energy (MeV)

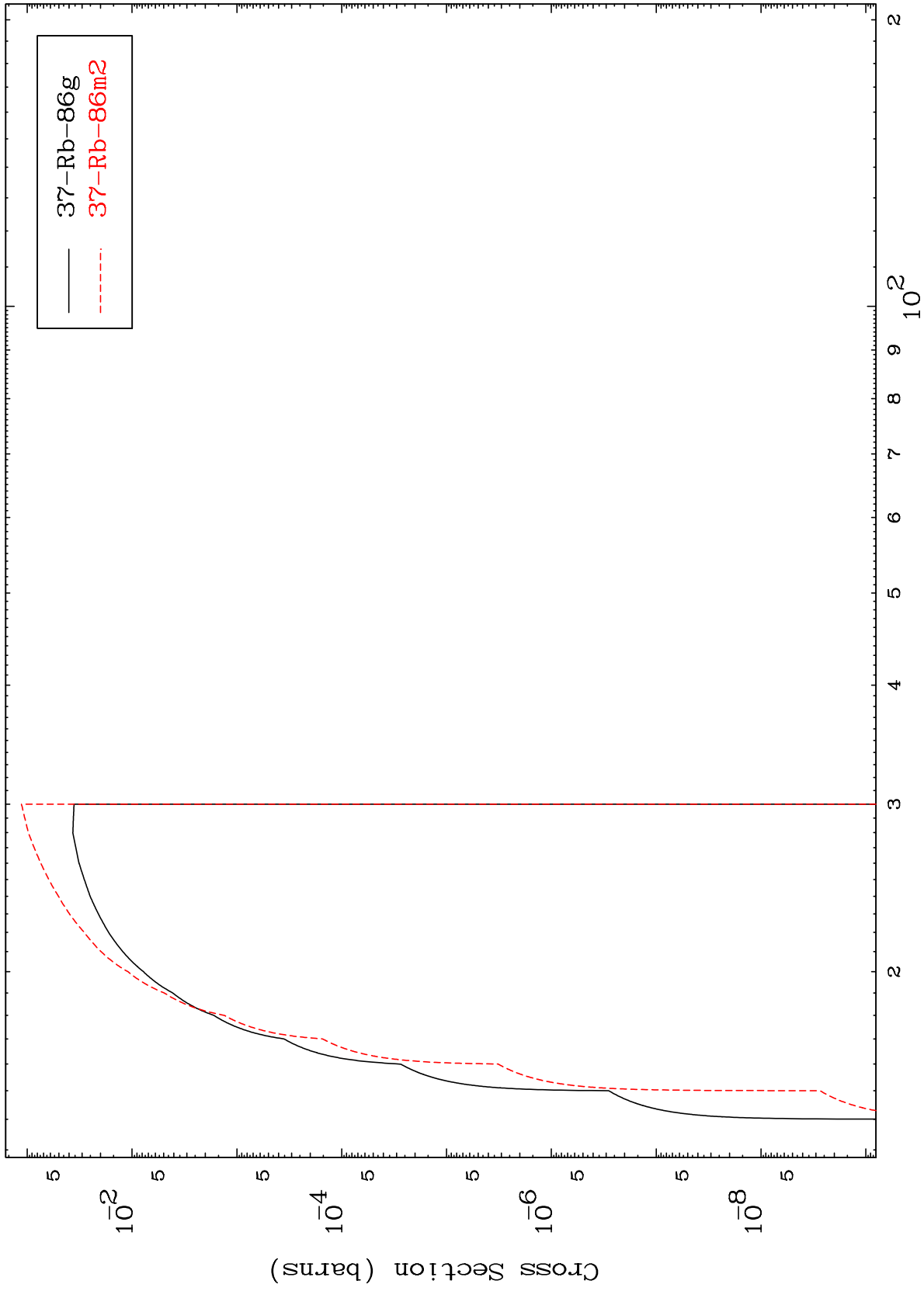
36-Kr-84

MAT 3643

( $\alpha, n'$ ) p

36-Kr-84

Radionuclide Production Cross Section



14

Incident Energy (MeV)

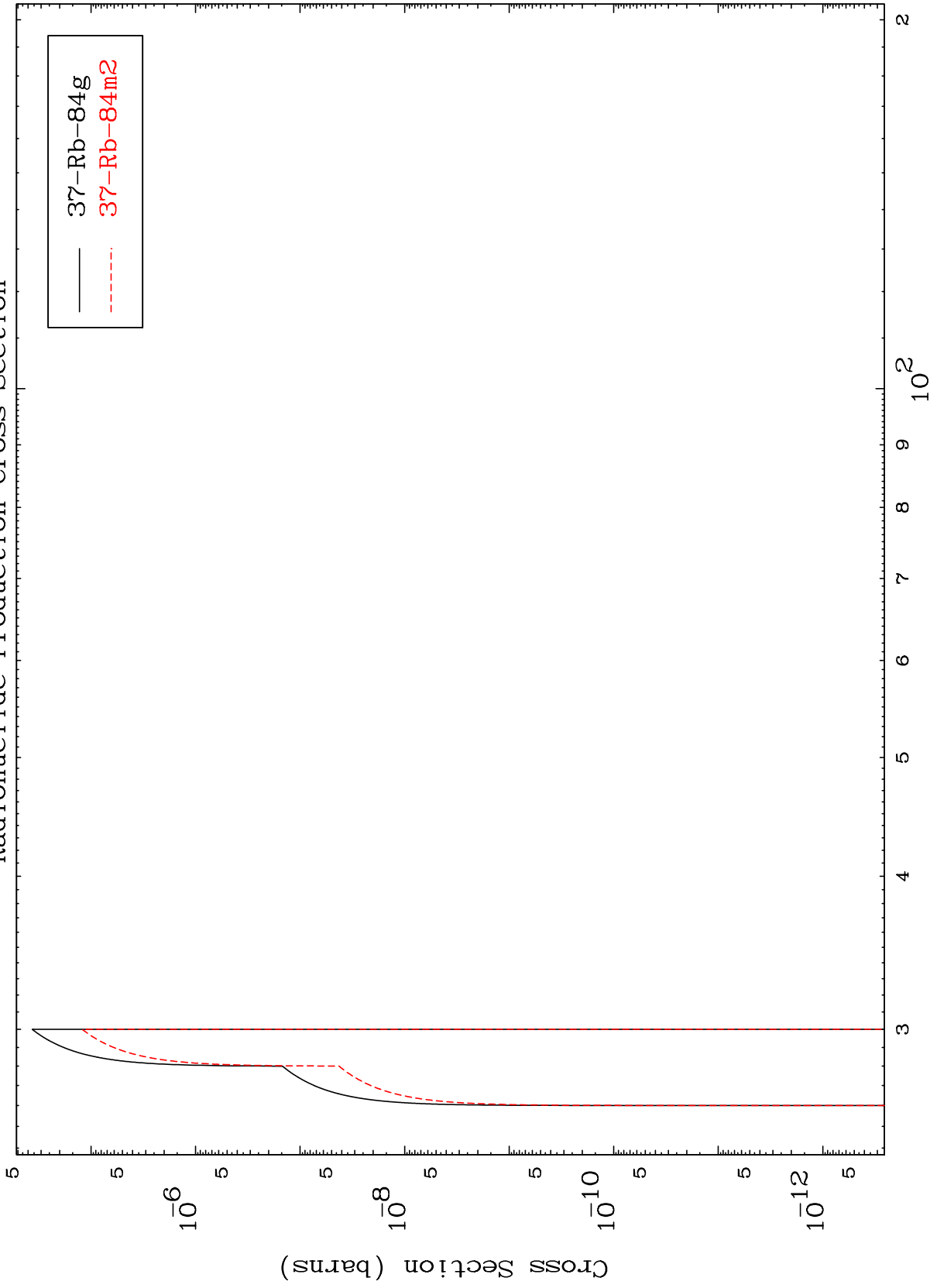
36-Kr-84

MAT 3643

( $\alpha, n'$ ) t

36-Kr-84

Radionuclide Production Cross Section



15

Incident Energy (MeV)

36-Kr-84

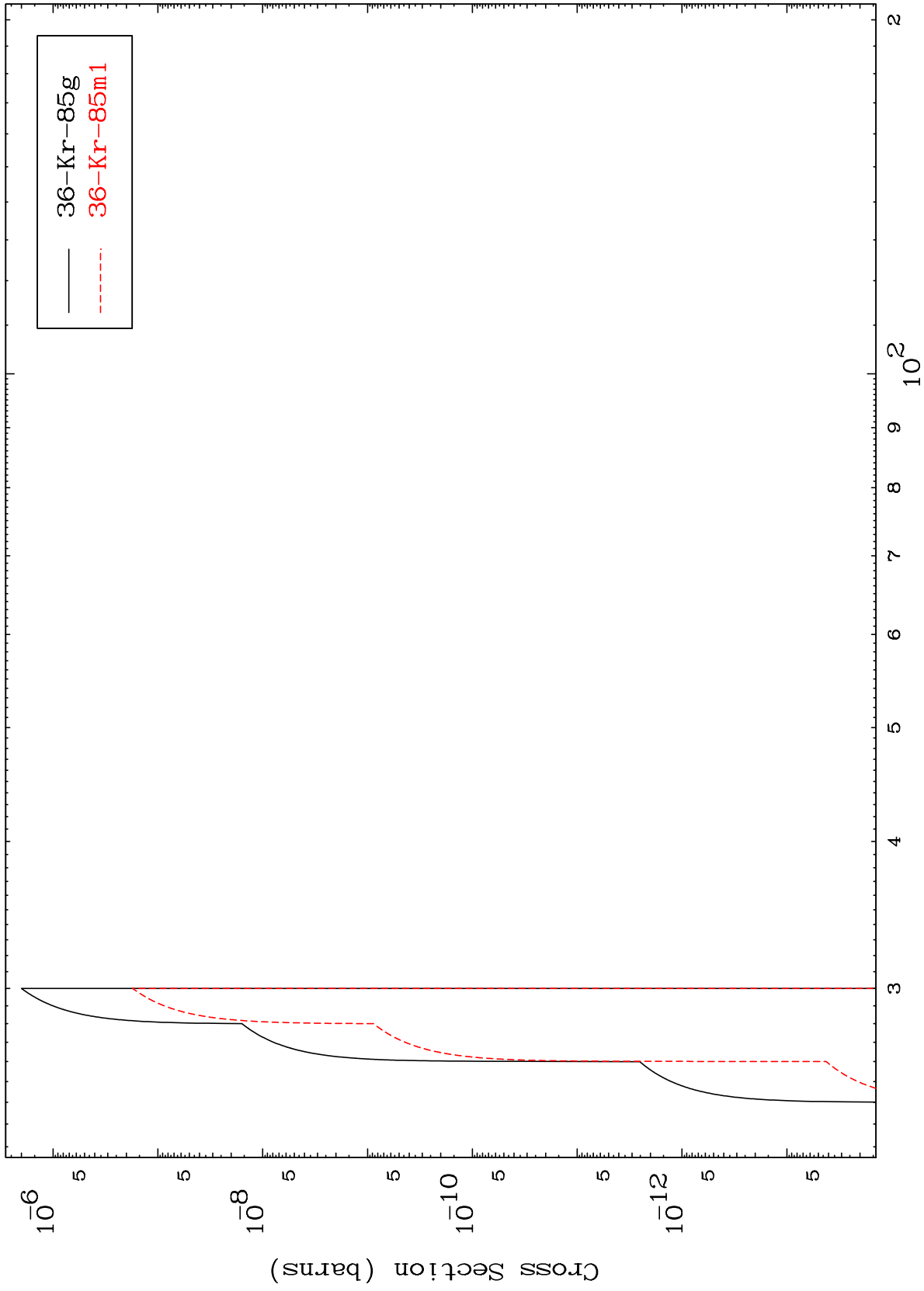


MAT 3643

( $\alpha, 2n$ ) p

36-Kr-84

Radionuclide Production Cross Section



16

Incident Energy (MeV)

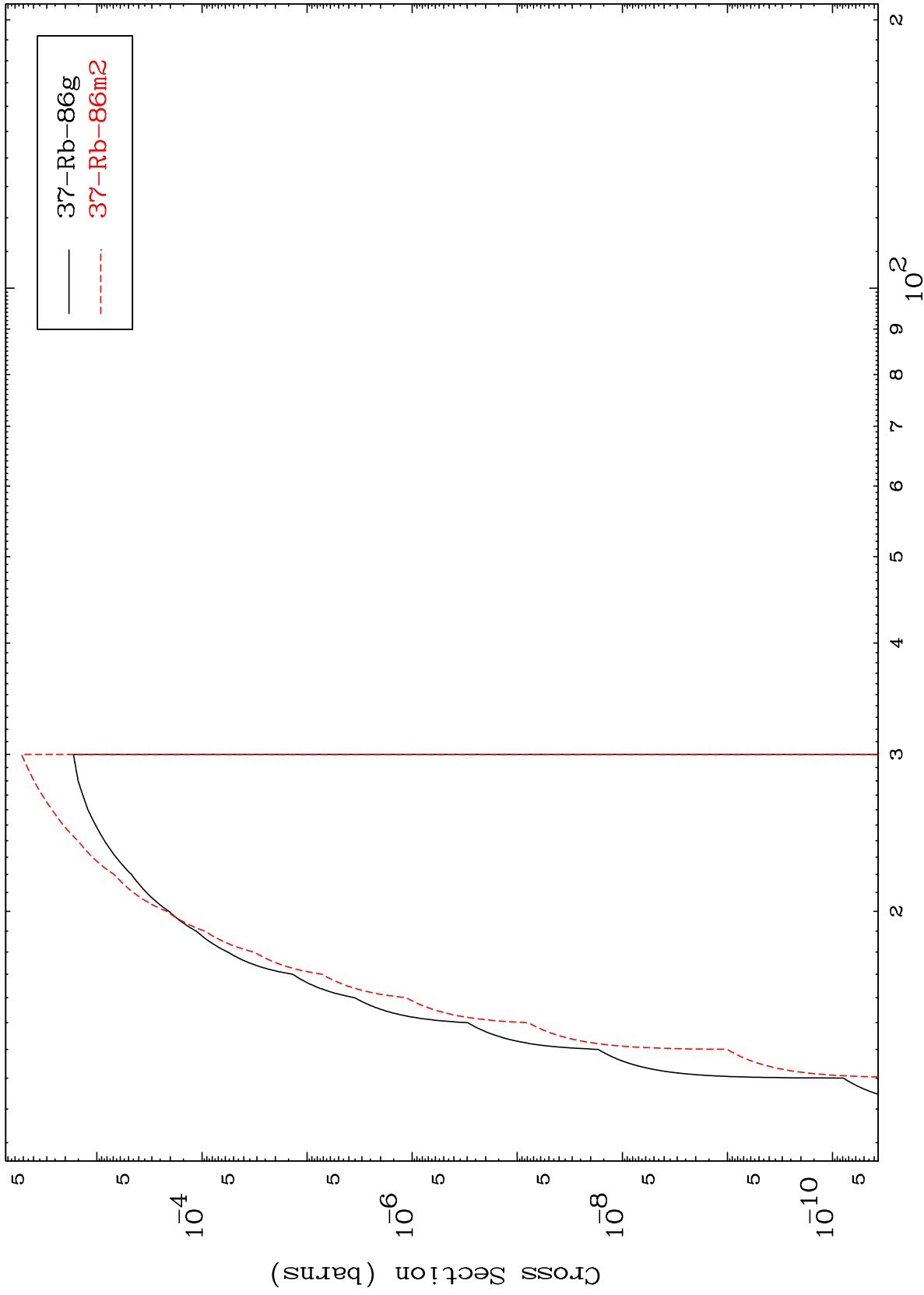
36-Kr-84

MAT 3643

( $\alpha, d$ )

36-Kr-84

Radionuclide Production Cross Section



17

Incident Energy (MeV)

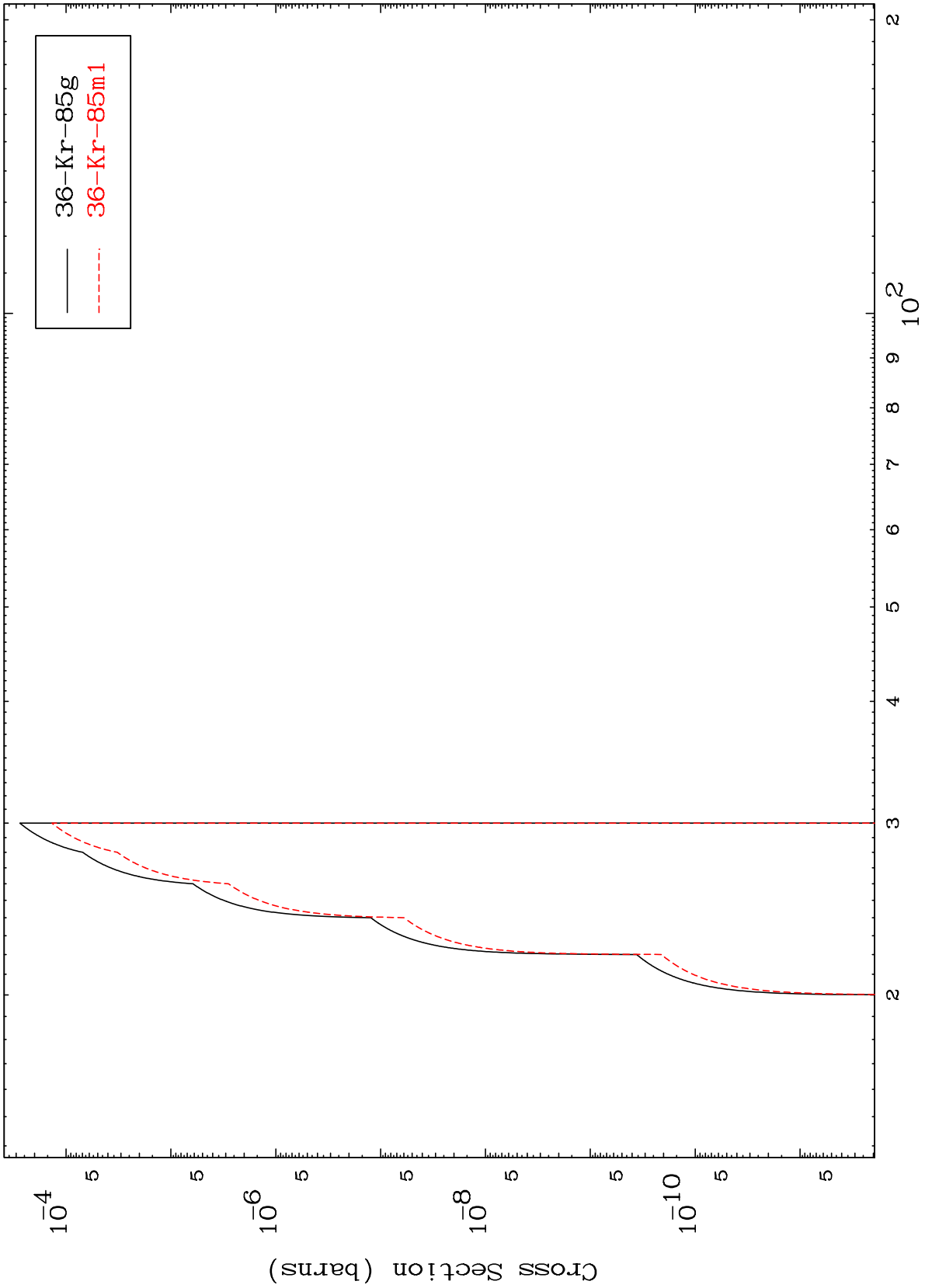
36-Kr-84

MAT 3643

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

36-Kr-84

Radionuclide Production Cross Section



18

Incident Energy (MeV)

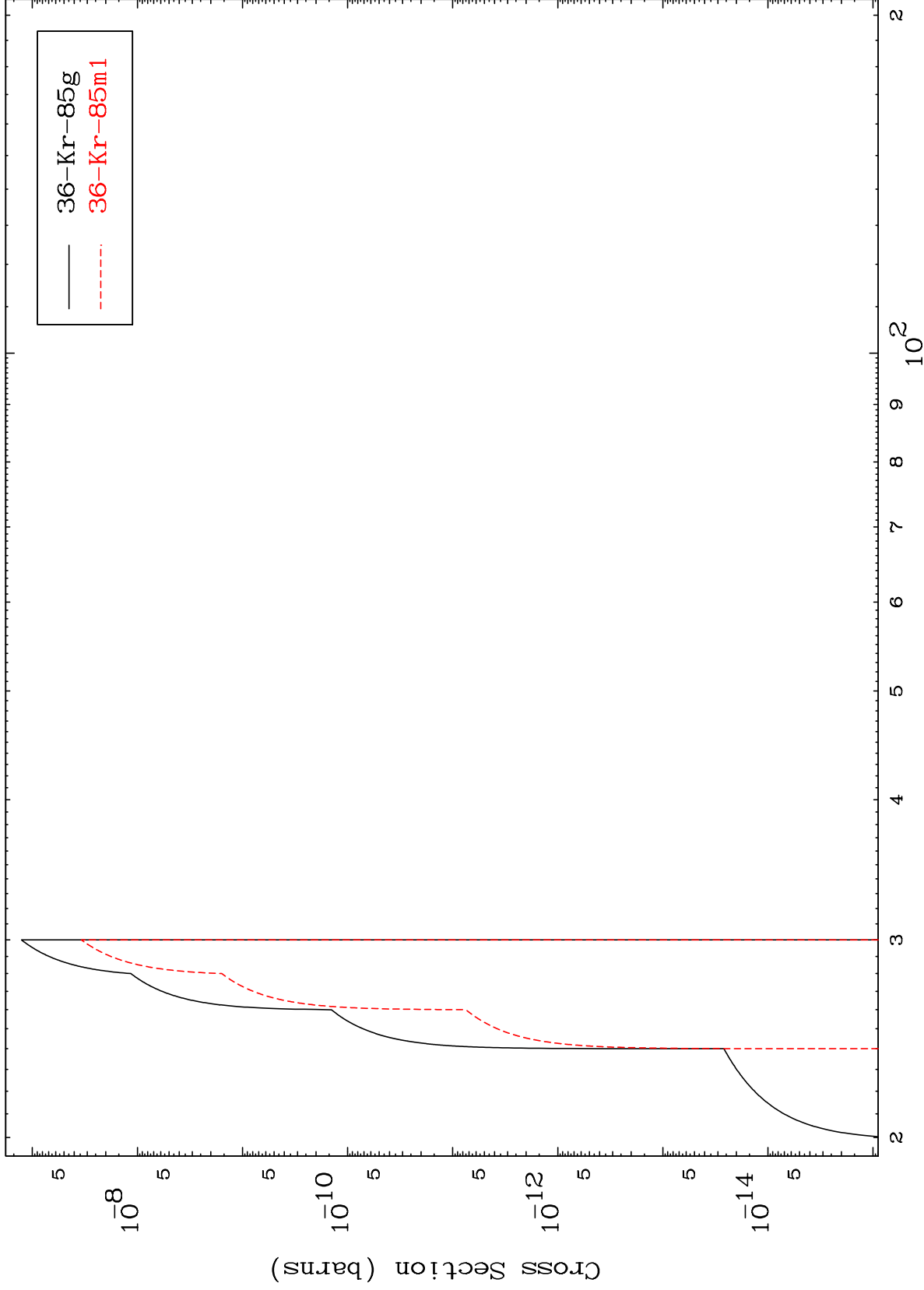
36-Kr-84

MAT 3643

( $\alpha, p$ ) d

<sup>36</sup>Kr-84

Radionuclide Production Cross Section



19

Incident Energy (MeV)

<sup>36</sup>Kr-84