

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

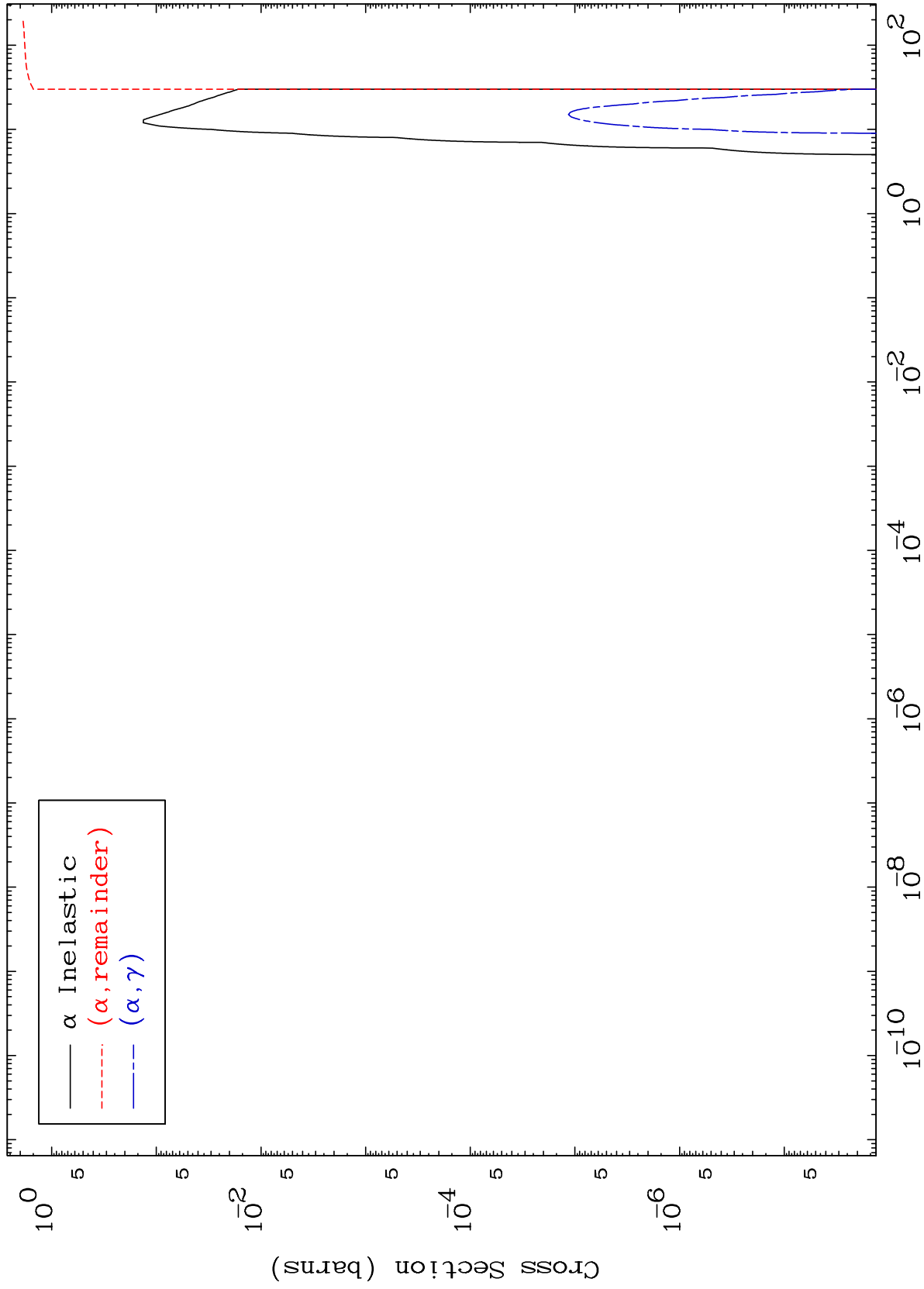
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3647

0 Kelvin  $\alpha$  Major  
Cross Sections

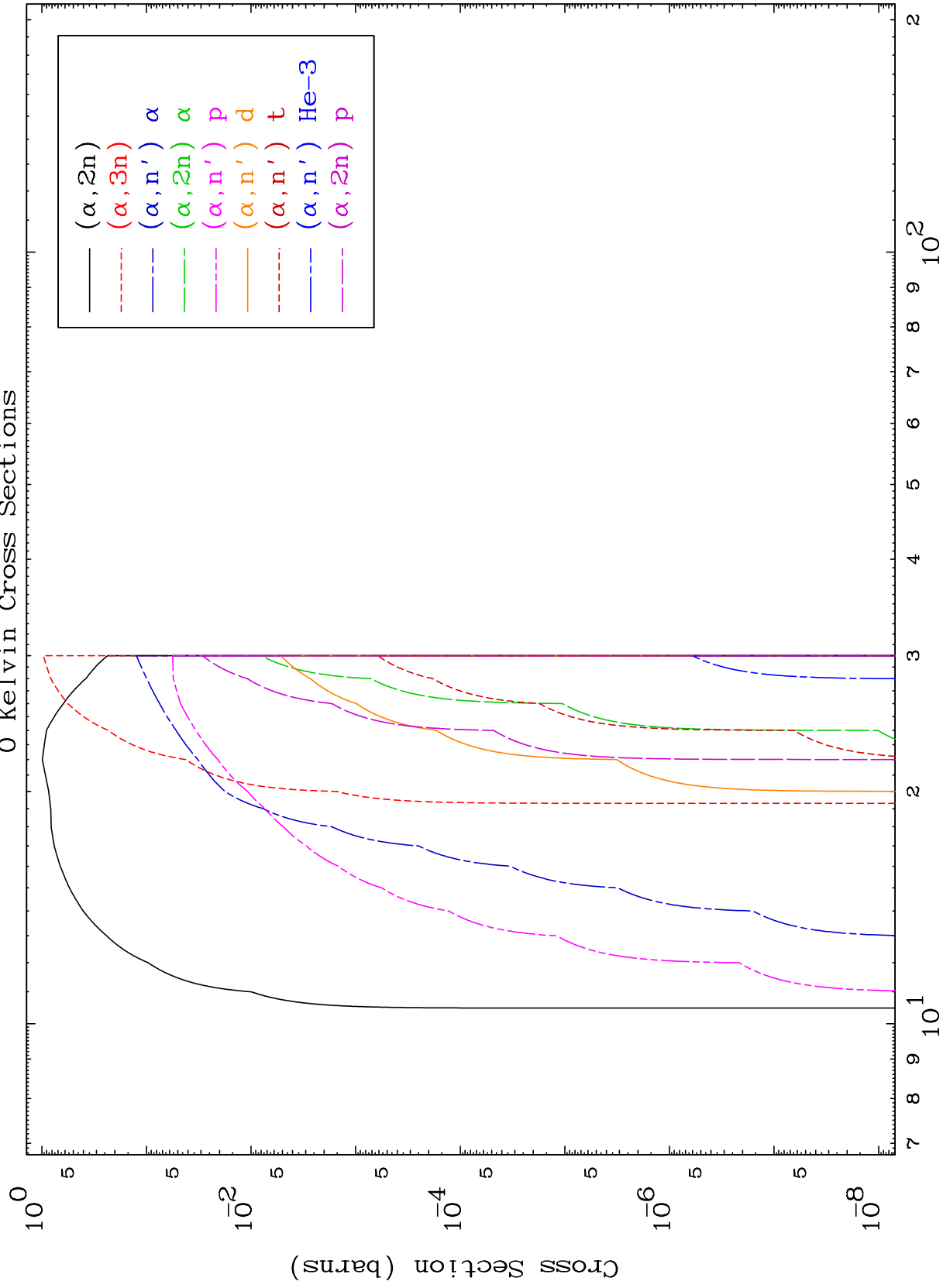
36-Kr-85



MAT 3647

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

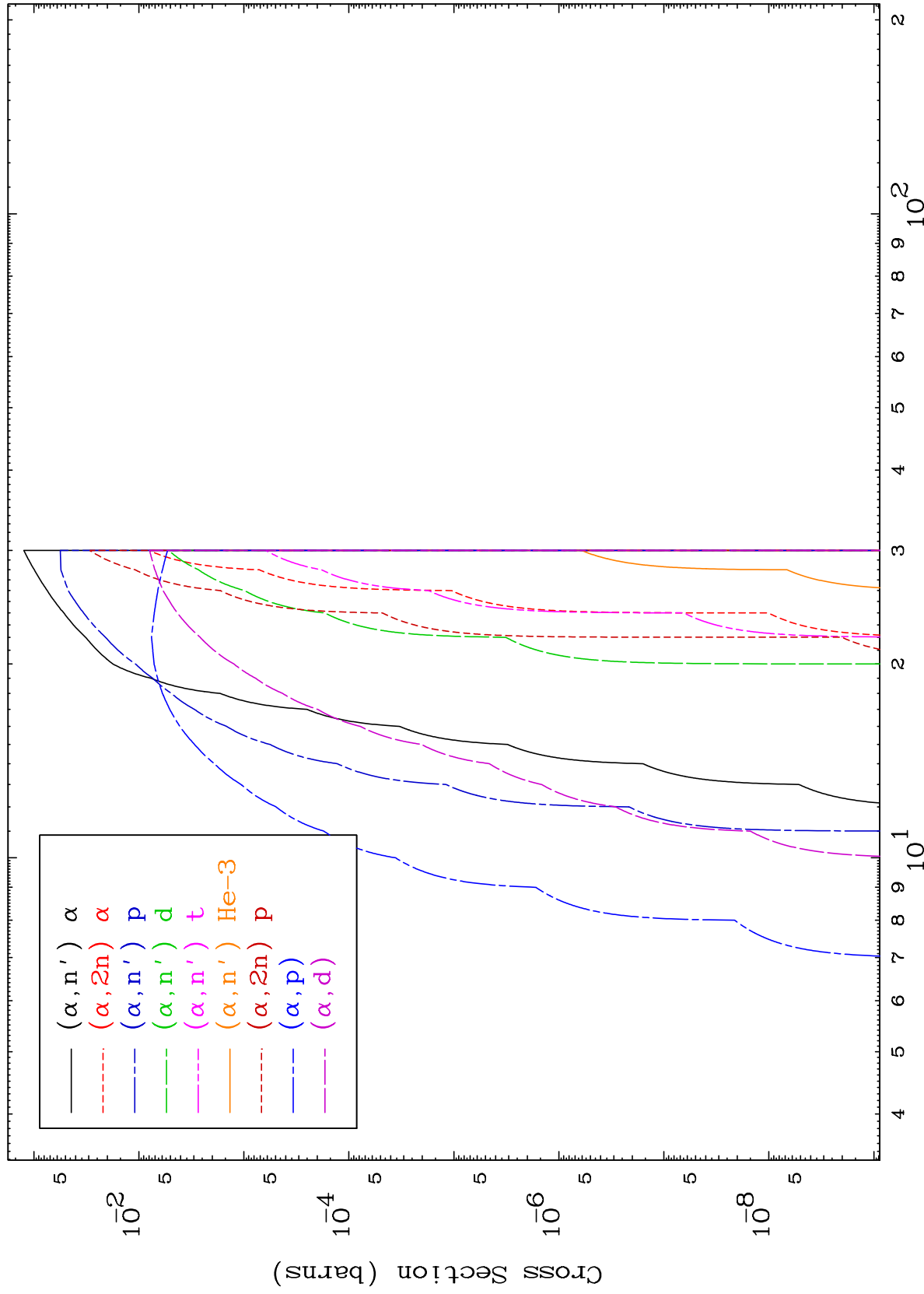
36-Kr-85



2

Incident Energy (MeV)

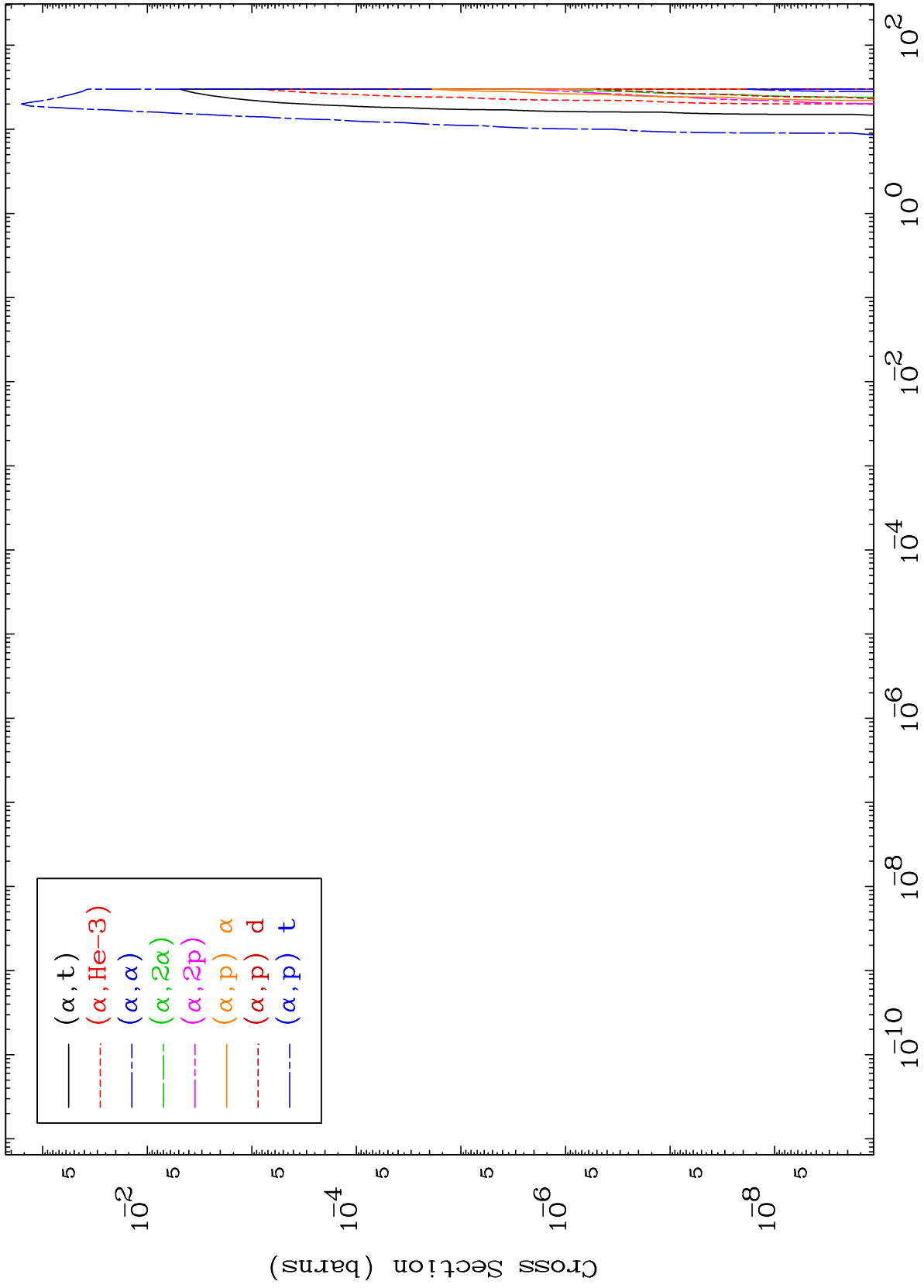
36-Kr-85



MAT 3647

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

36-Kr-85



4

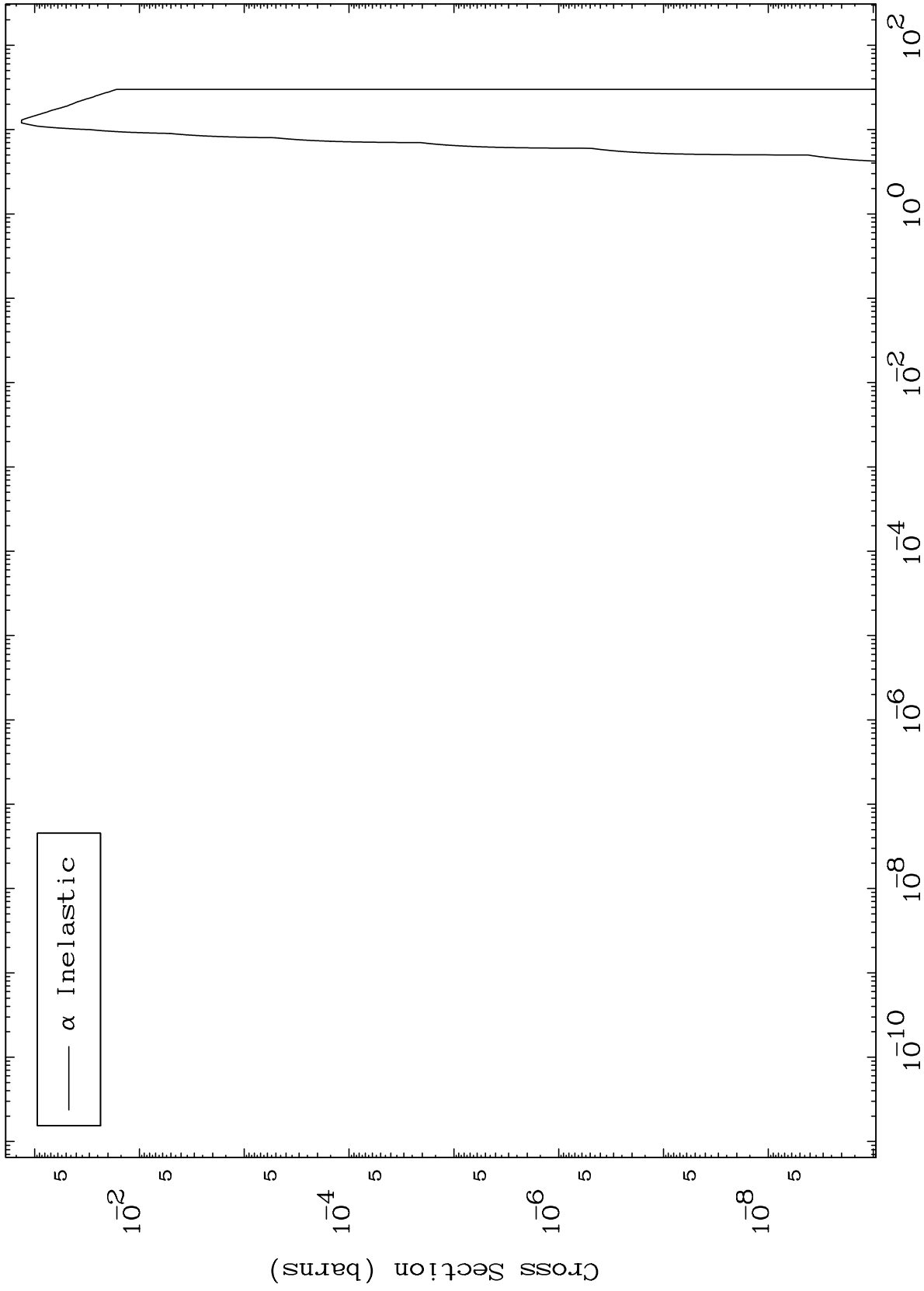
Incident Energy (MeV)

36-Kr-85

MAT 3647

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

36-Kr-85



5

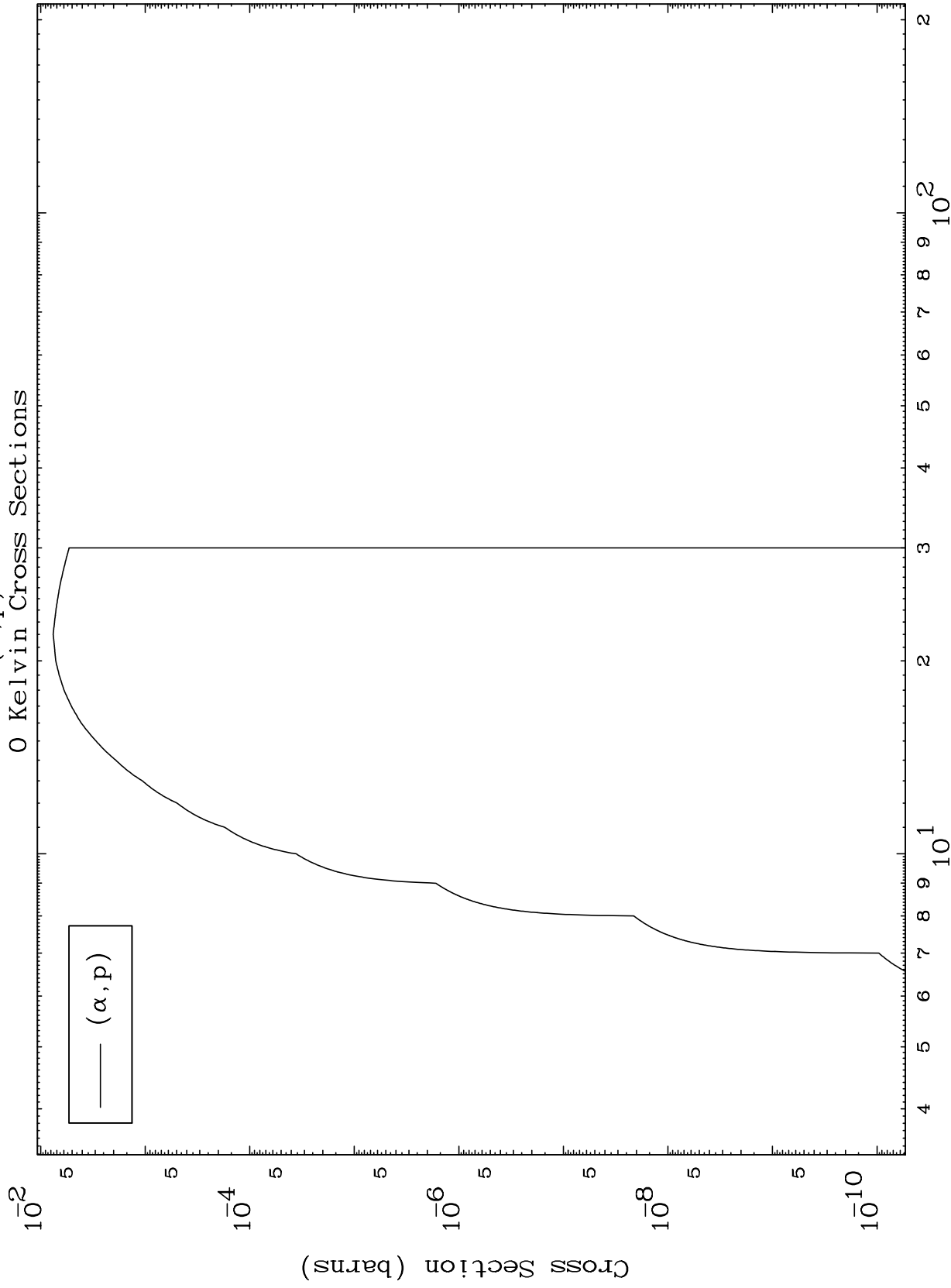
Incident Energy (MeV)

36-Kr-85

MAT 3647

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

36-Kr-85



6

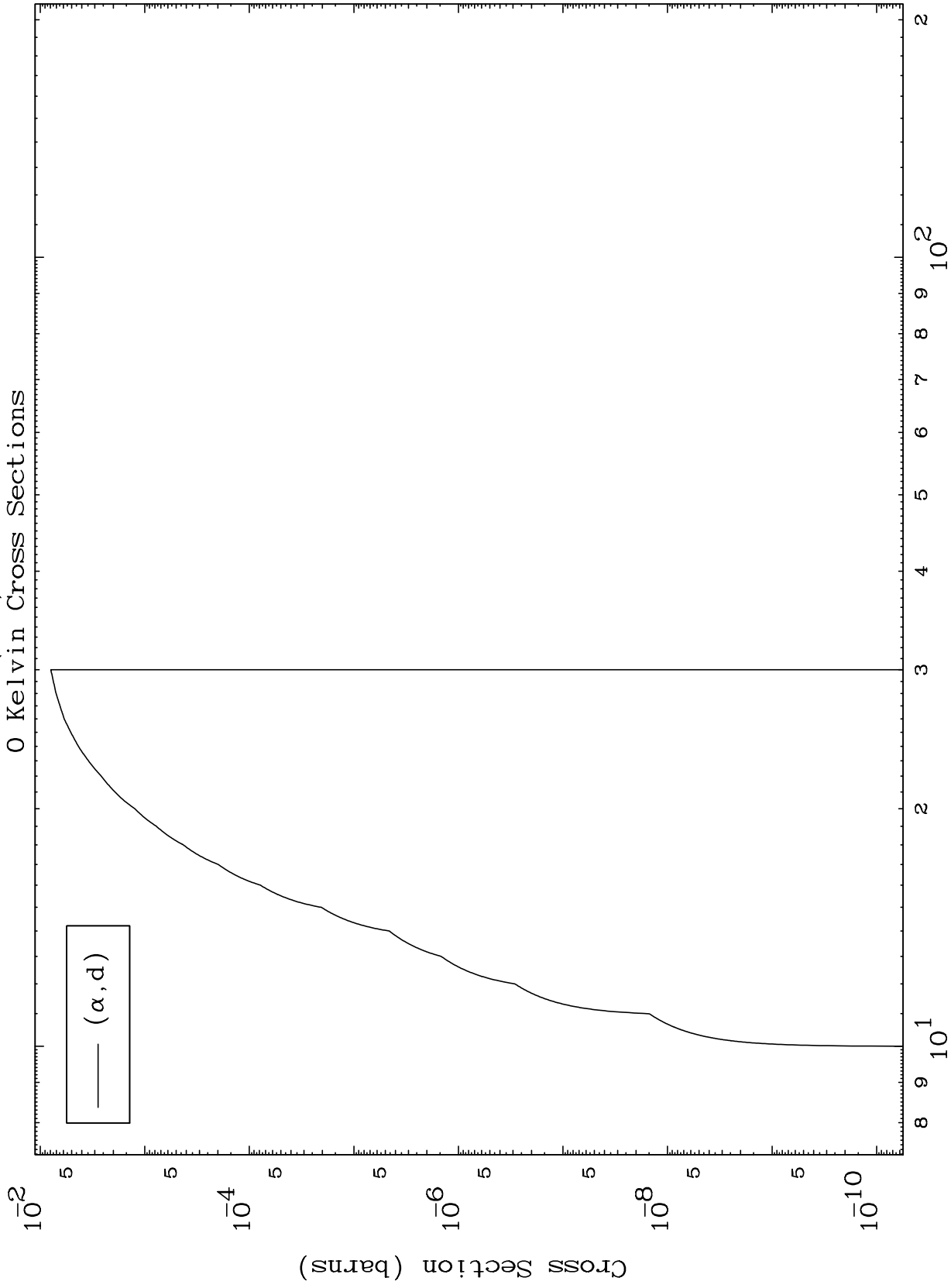
Incident Energy (MeV)

36-Kr-85

MAT 3647

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

36-Kr-85

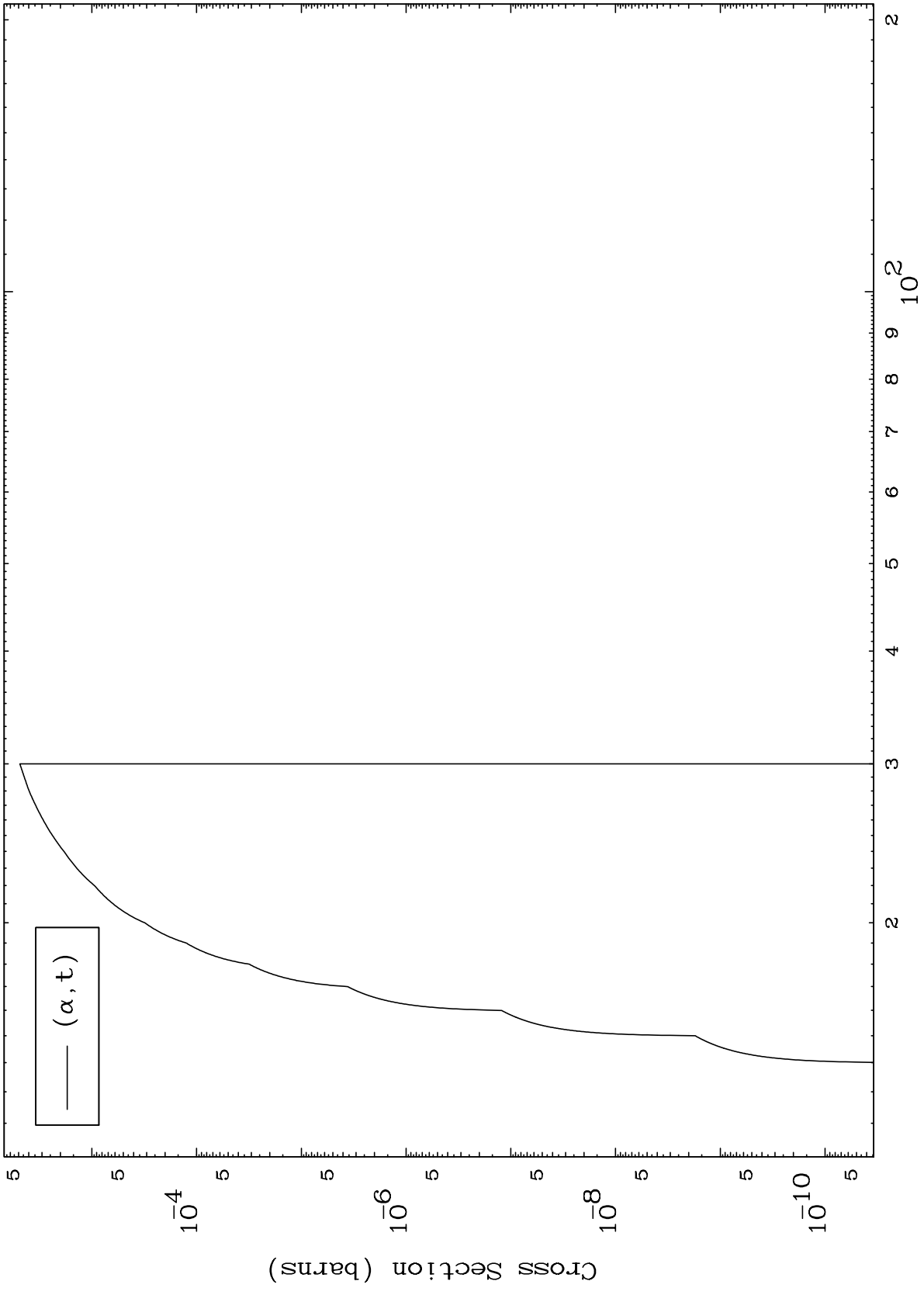


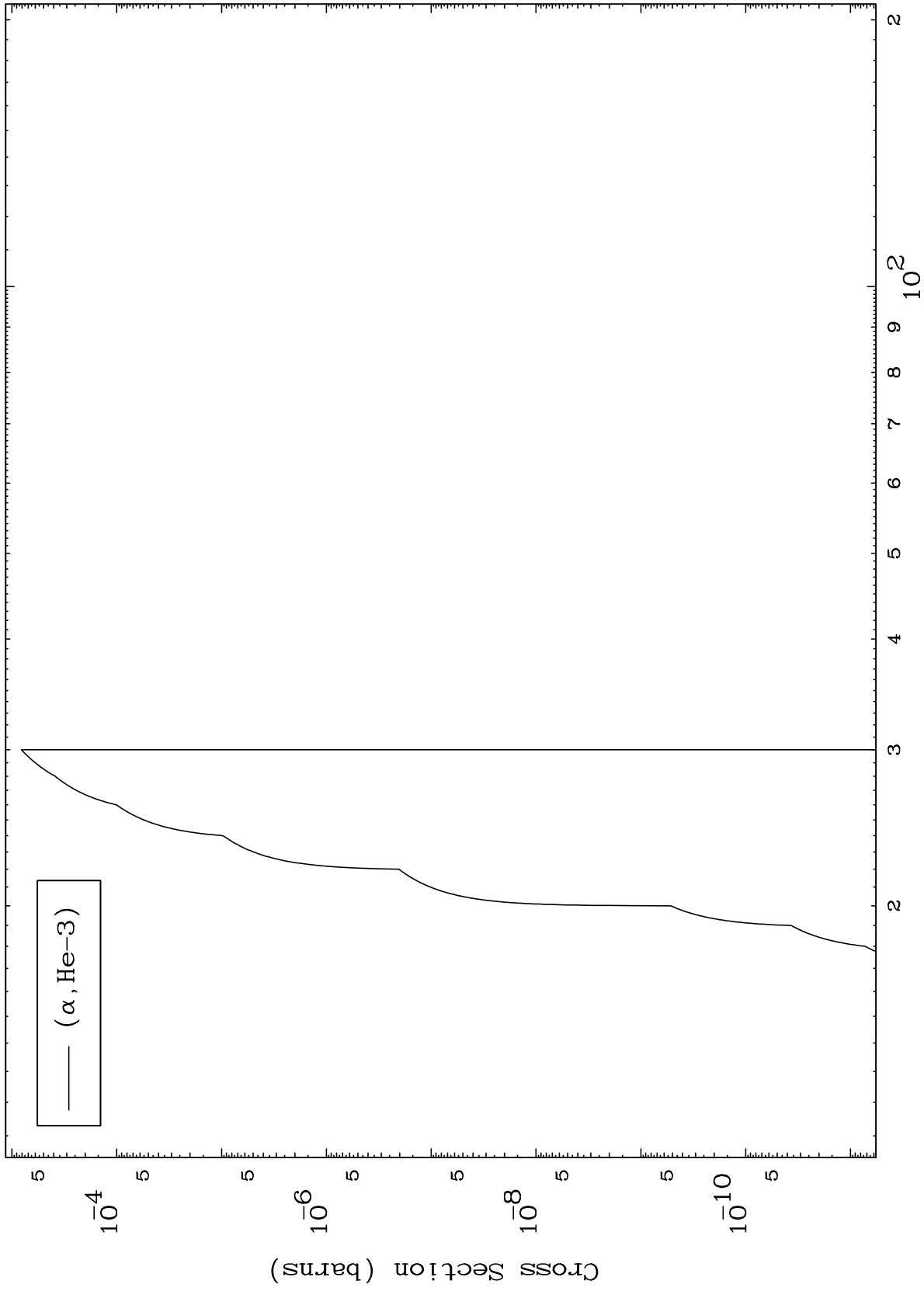
7

Incident Energy (MeV)

36-Kr-85



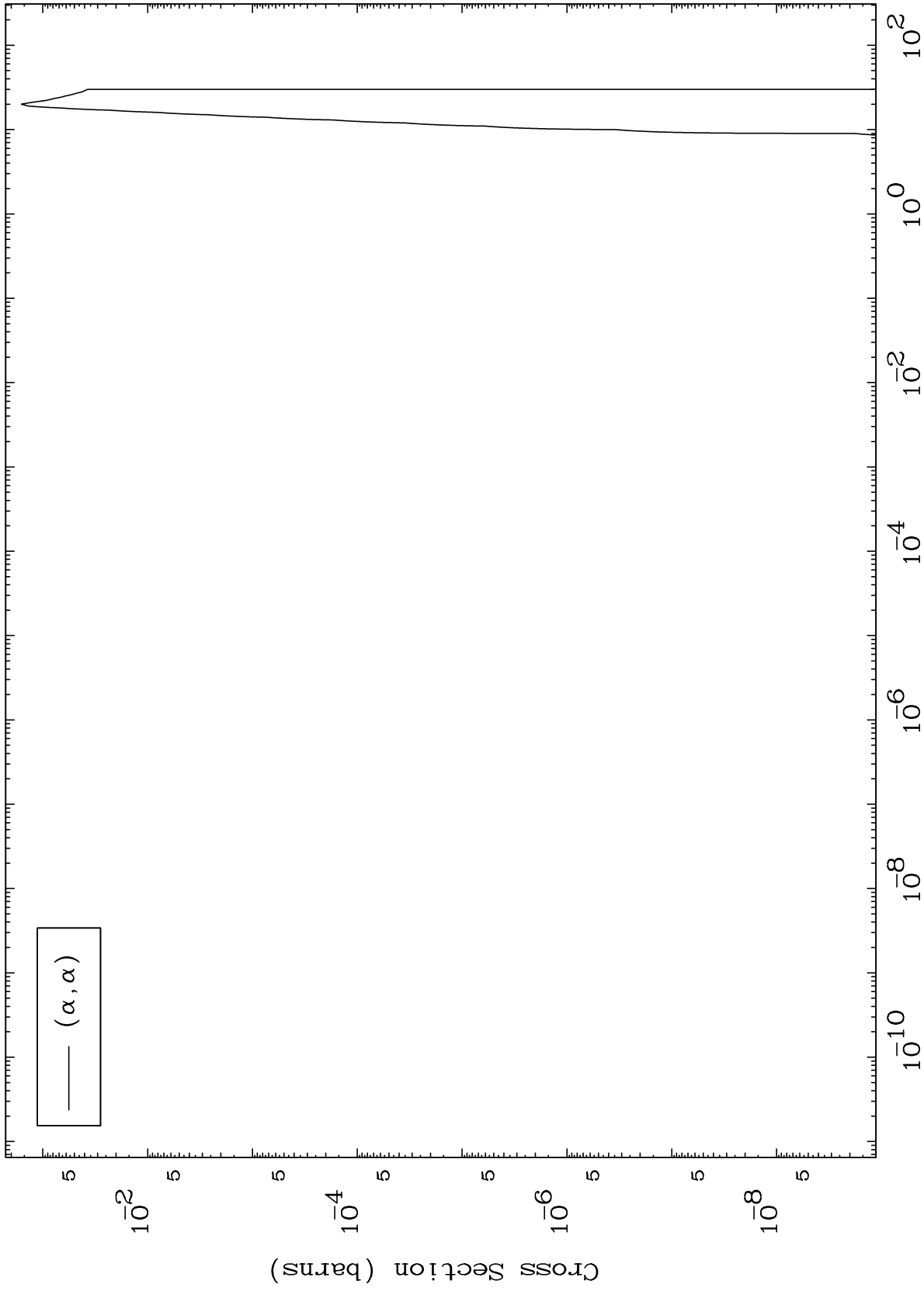




MAT 3647

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

36-Kr-85



10

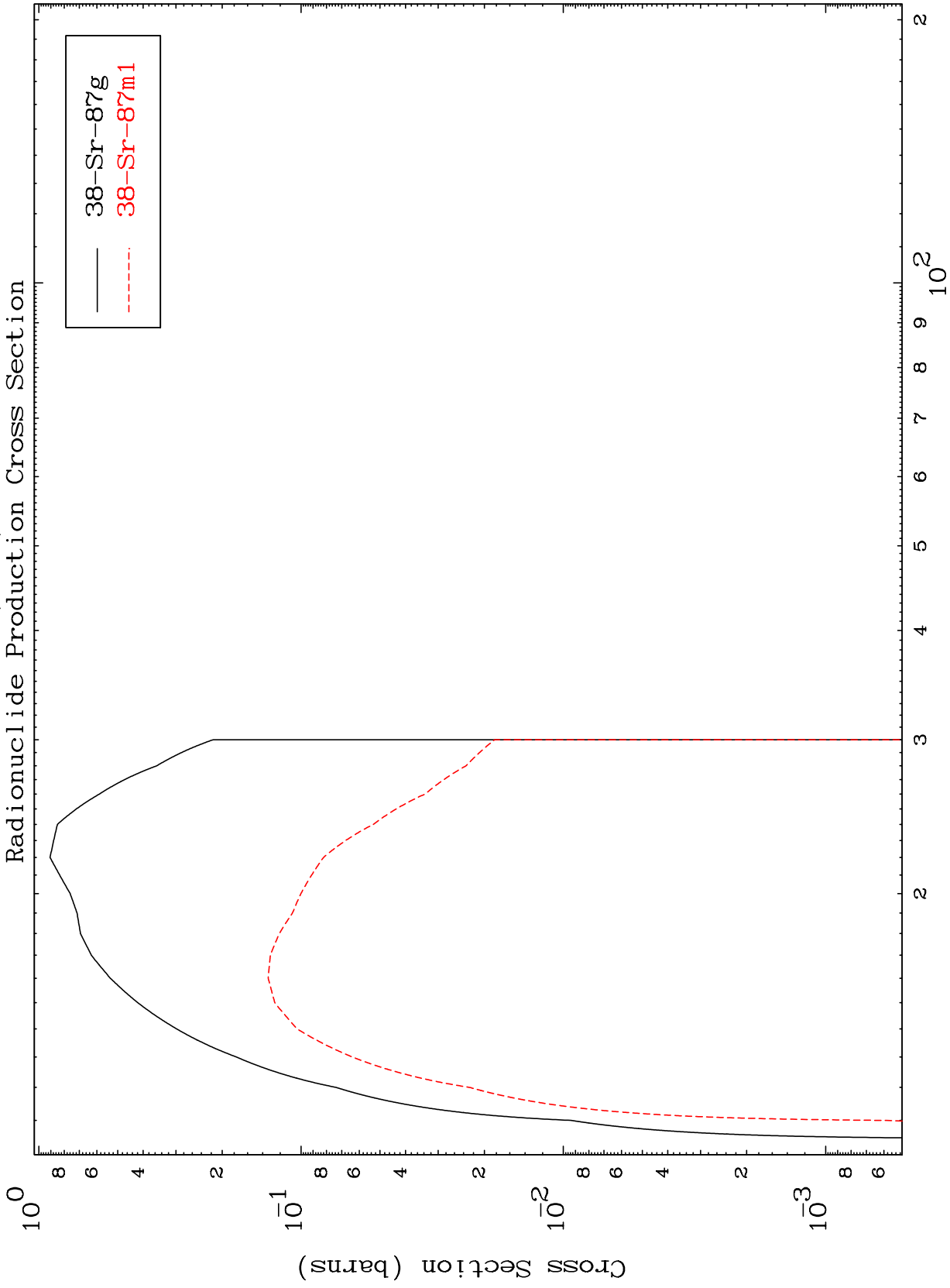
Incident Energy (MeV)

36-Kr-85

MAT 3647

36-Kr-85

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



11

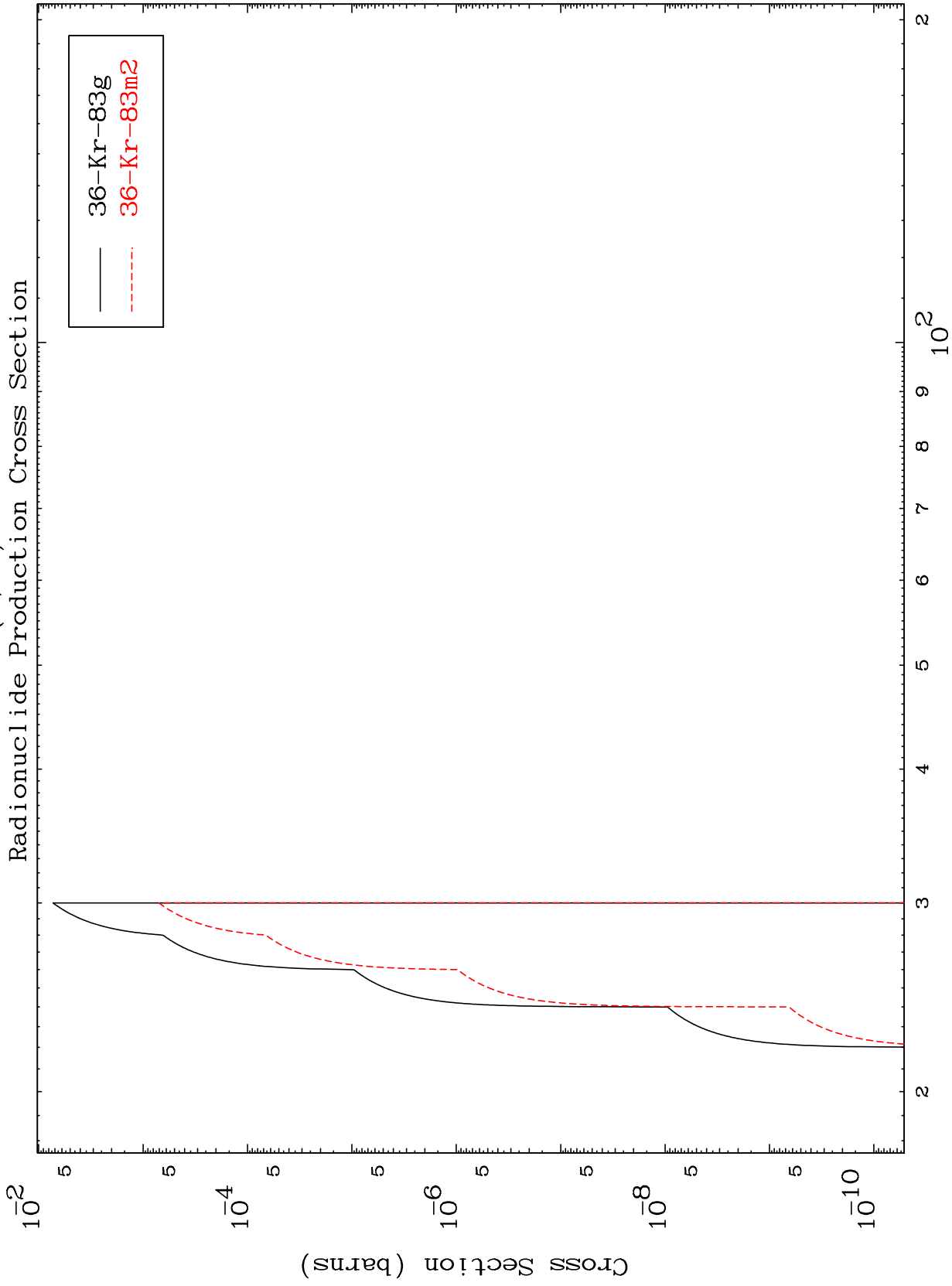
Incident Energy (MeV)

36-Kr-85

MAT 3647

$(\alpha, 2n) \alpha$

36-Kr-85



36-Kr-85

Incident Energy (MeV)

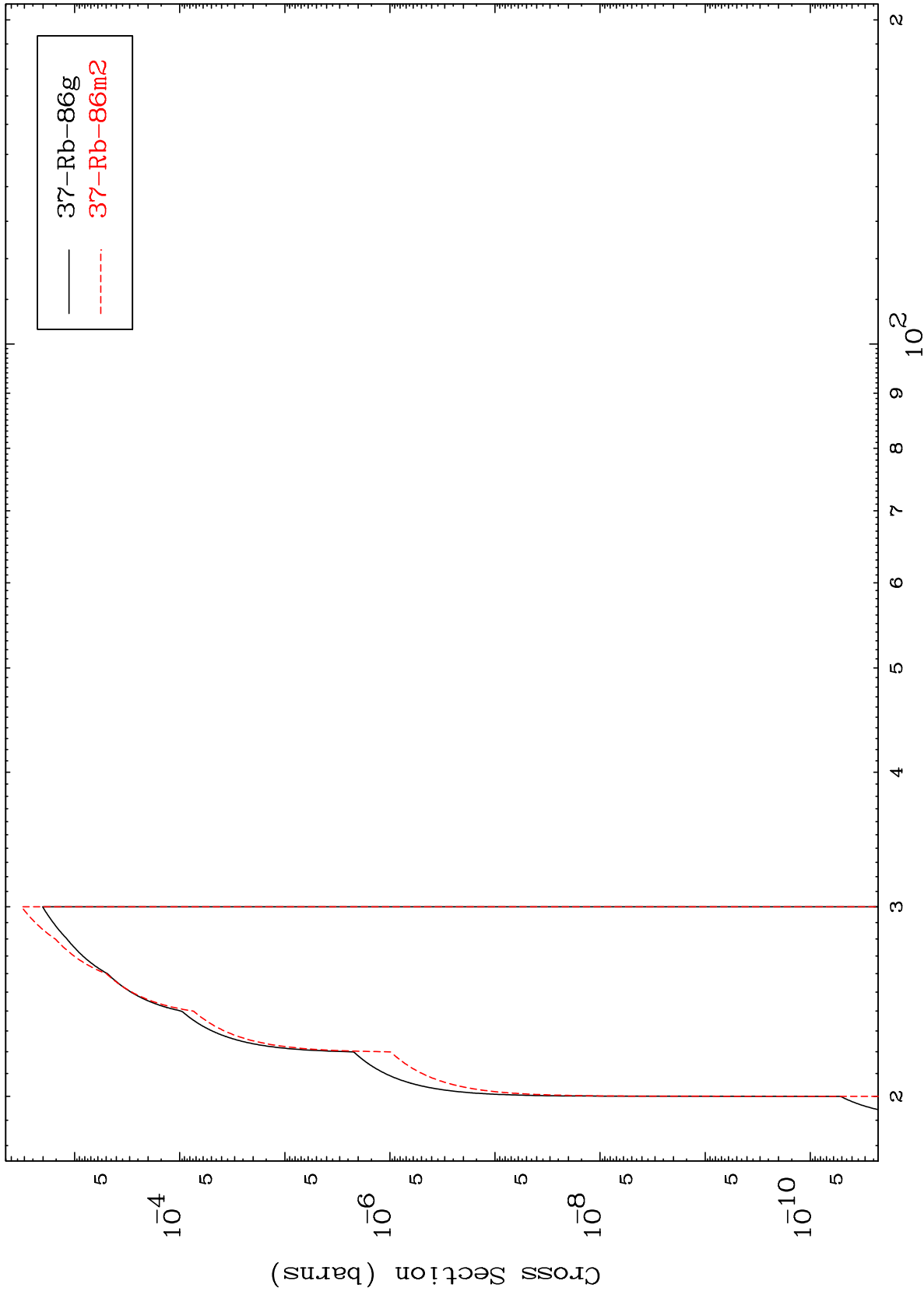
12

MAT 3647

( $\alpha, n'$ ) d

36-Kr-85

Radionuclide Production Cross Section

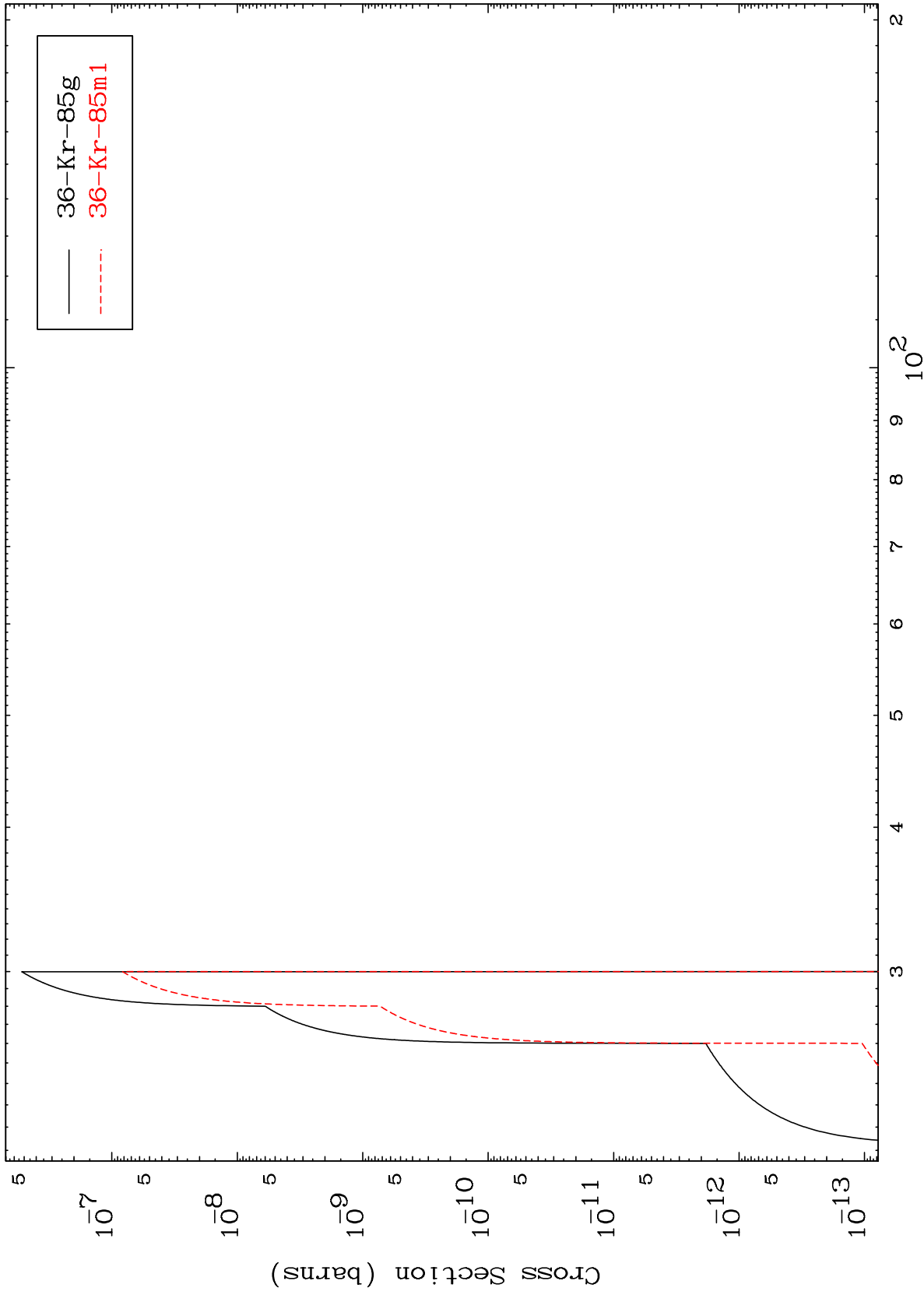


13

Incident Energy (MeV)

36-Kr-85

Radionuclide Production Cross Section

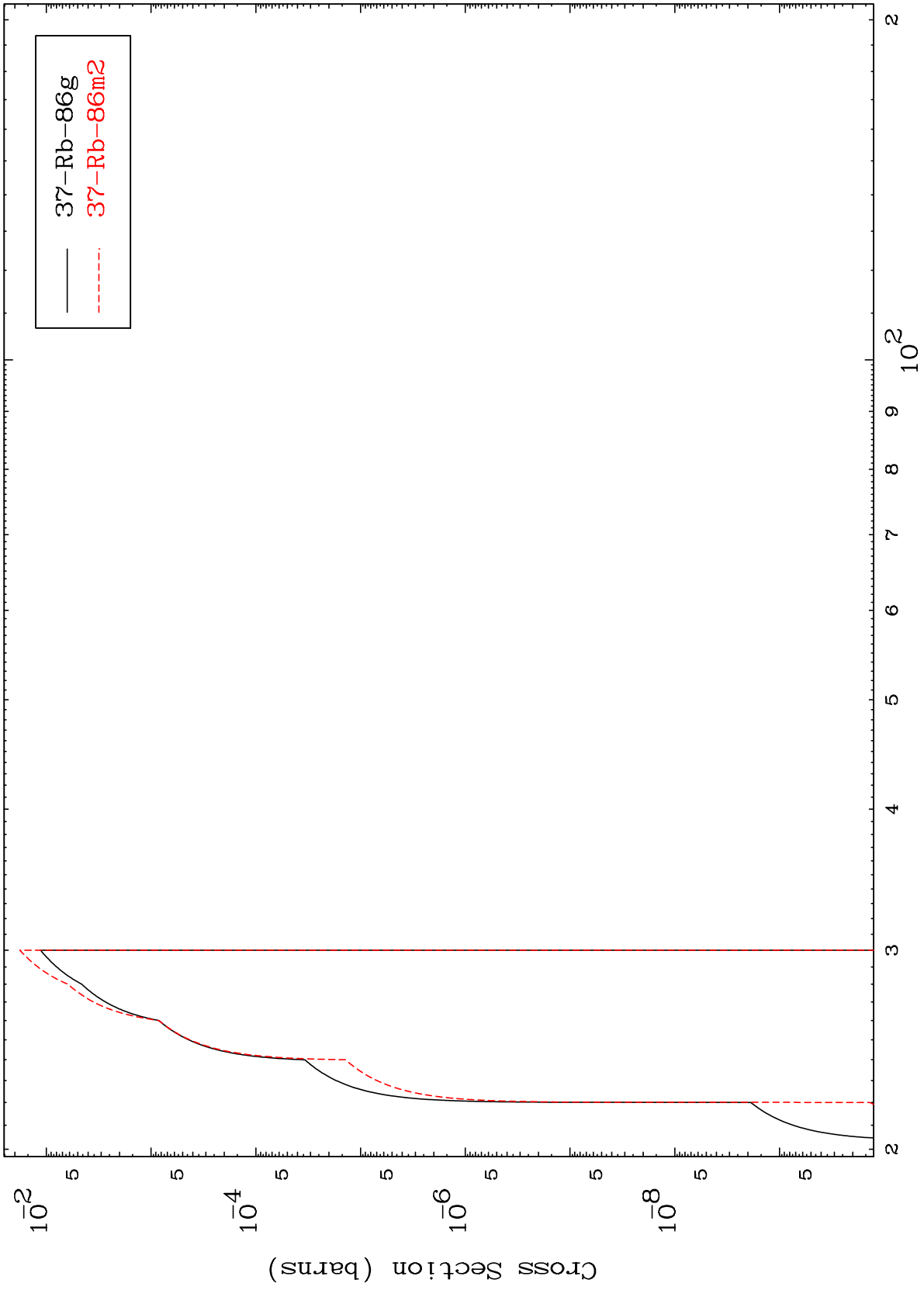


MAT 3647

( $\alpha, 2n$ ) p

36-Kr-85

Radionuclide Production Cross Section



15

Incident Energy (MeV)

36-Kr-85

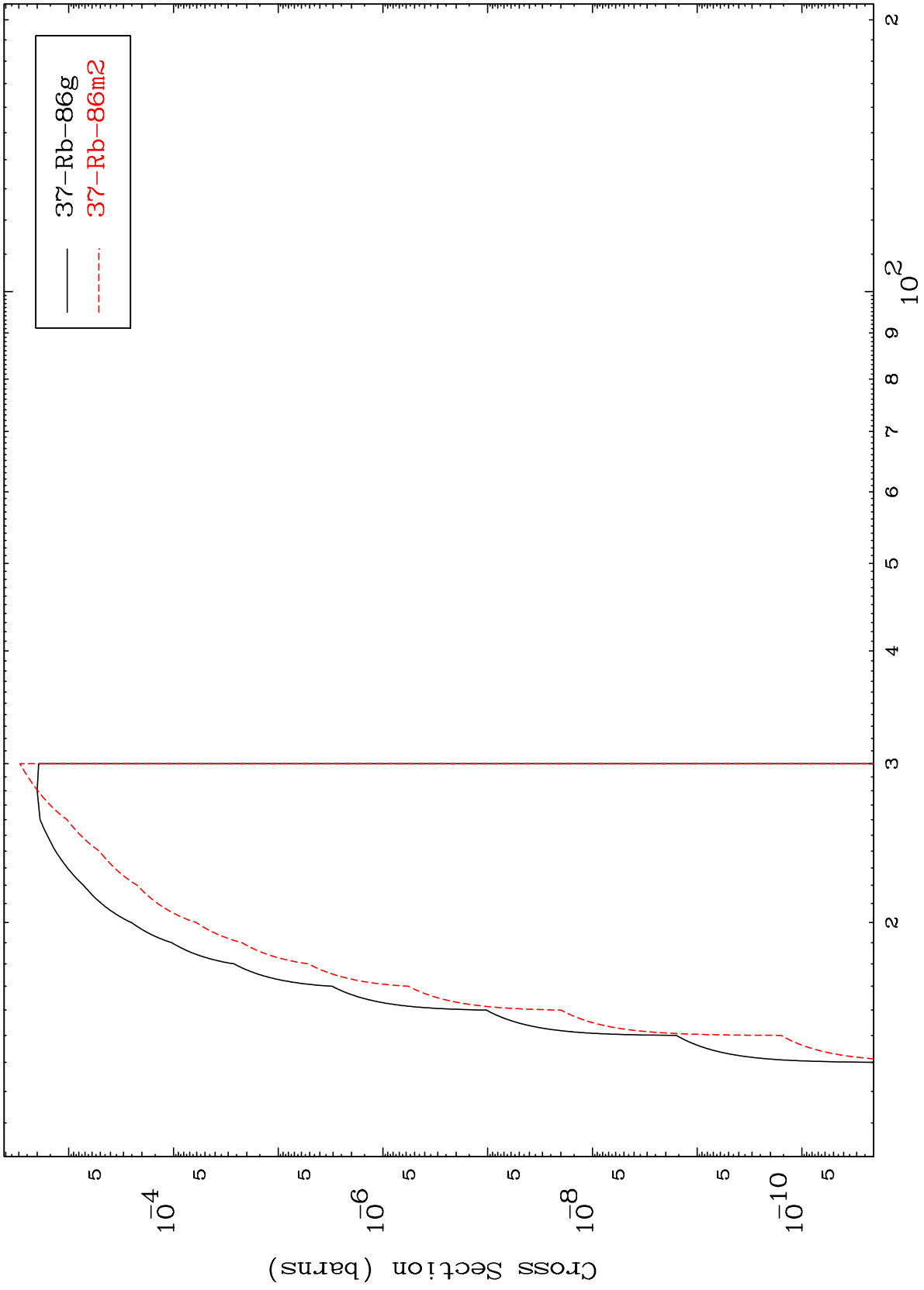


MAT 3647

( $\alpha, t$ )

36-Kr-85

Radionuclide Production Cross Section



16

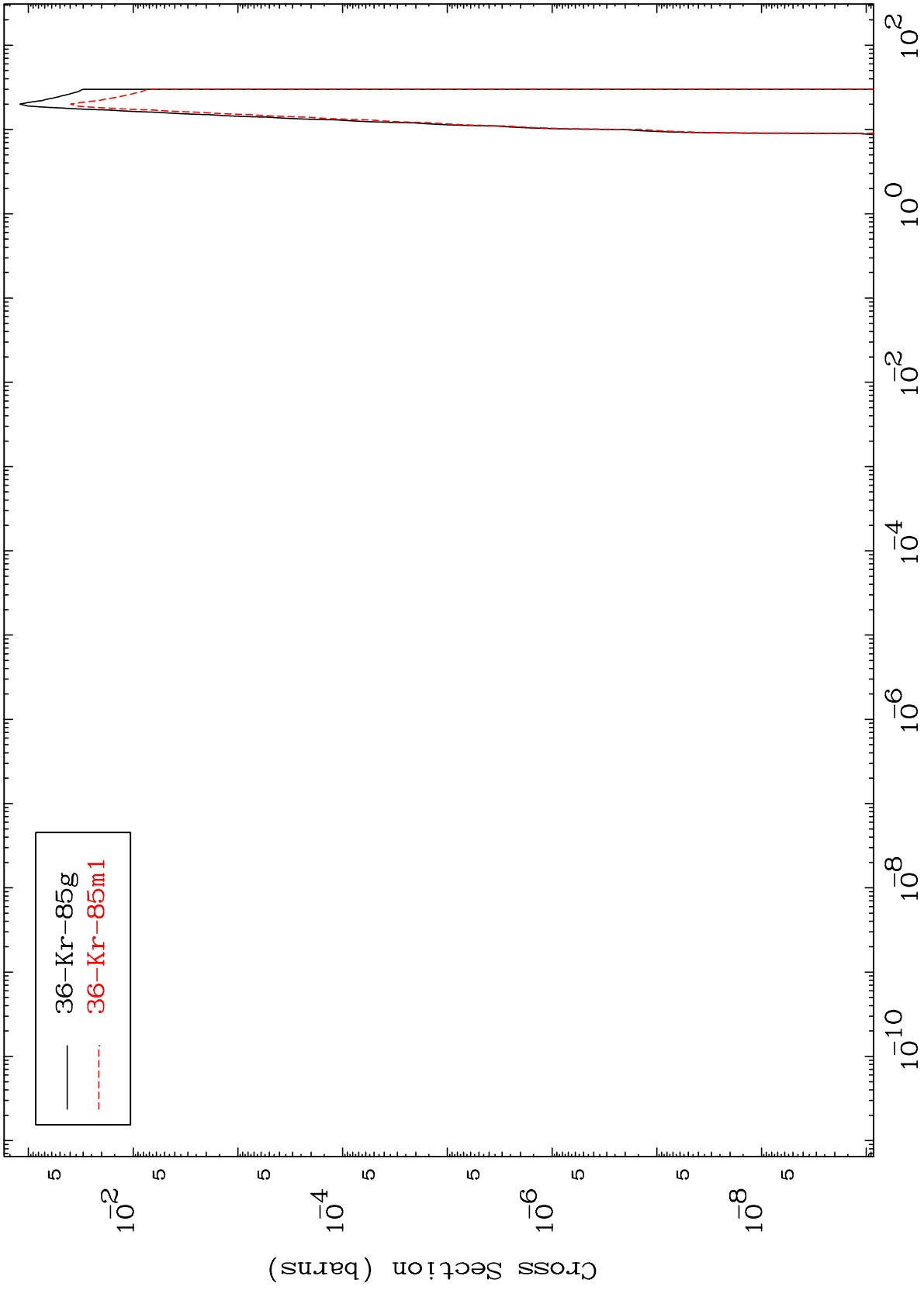
Incident Energy (MeV)

36-Kr-85

MAT 3647

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

$^{36}\text{Kr-85}$



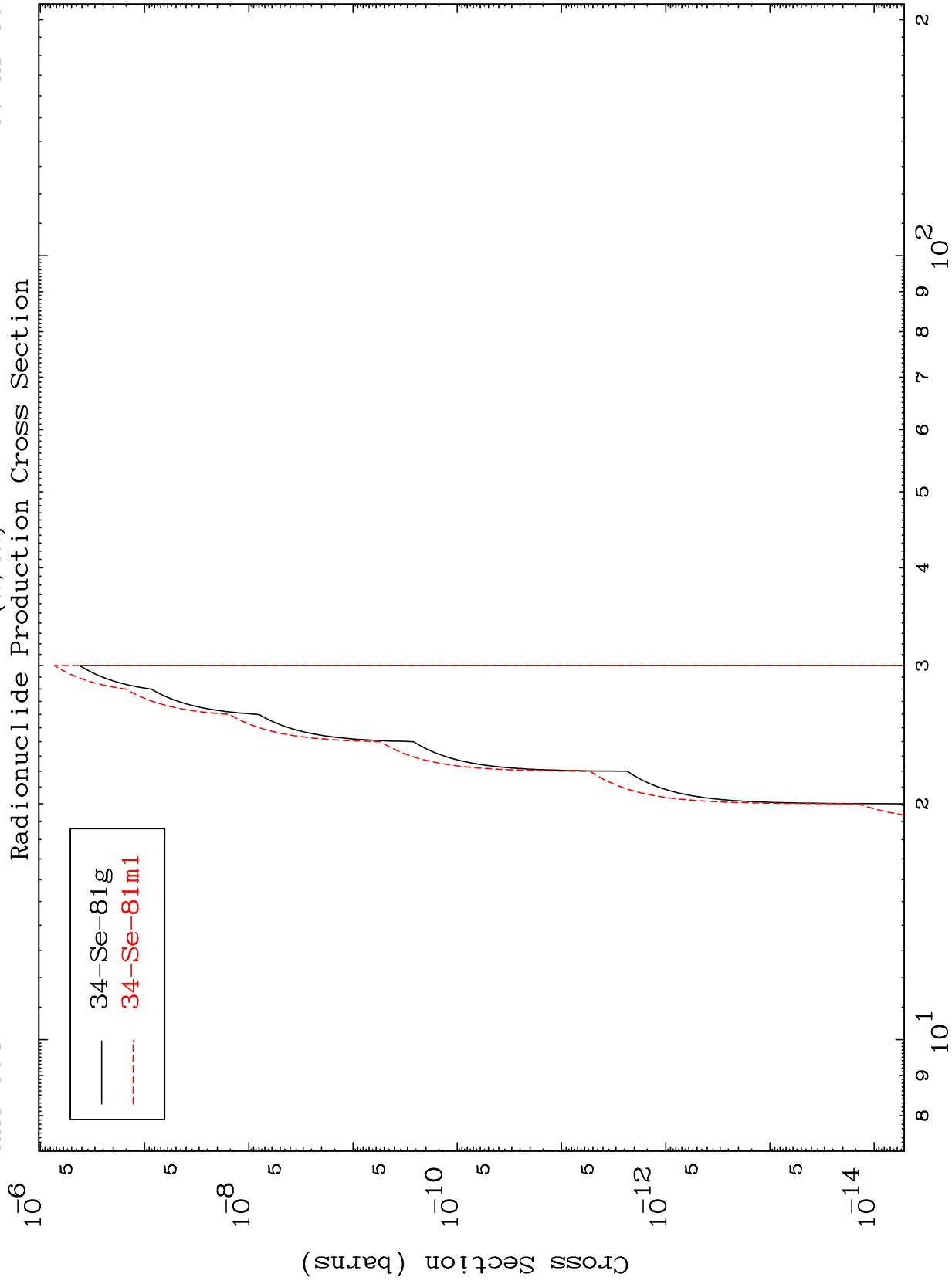
17

$^{36}\text{Kr-85}$

MAT 3647

36-Kr-85

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



18

Incident Energy (MeV)

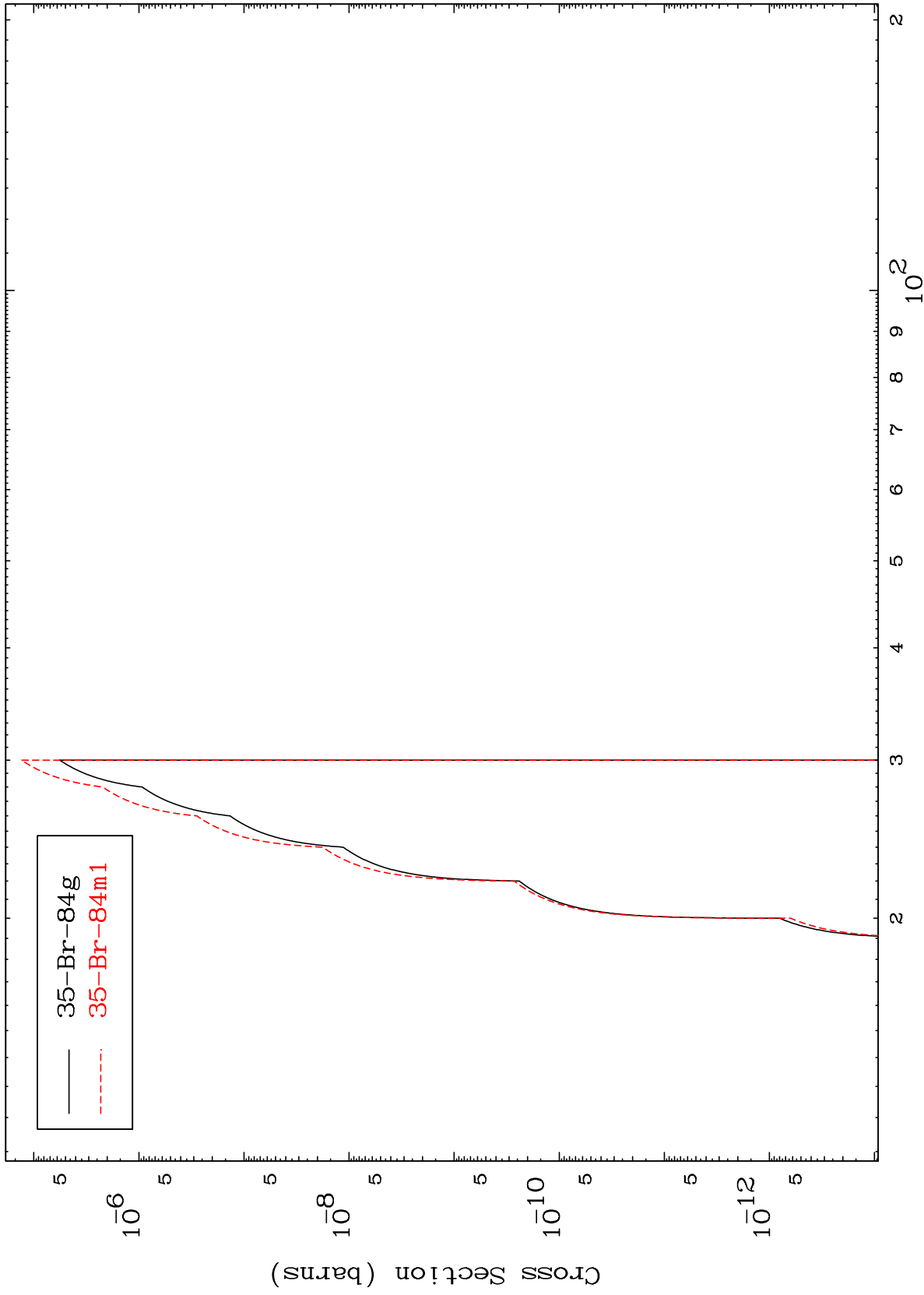
36-Kr-85

MAT 3647

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

$^{36}\text{Kr-85}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

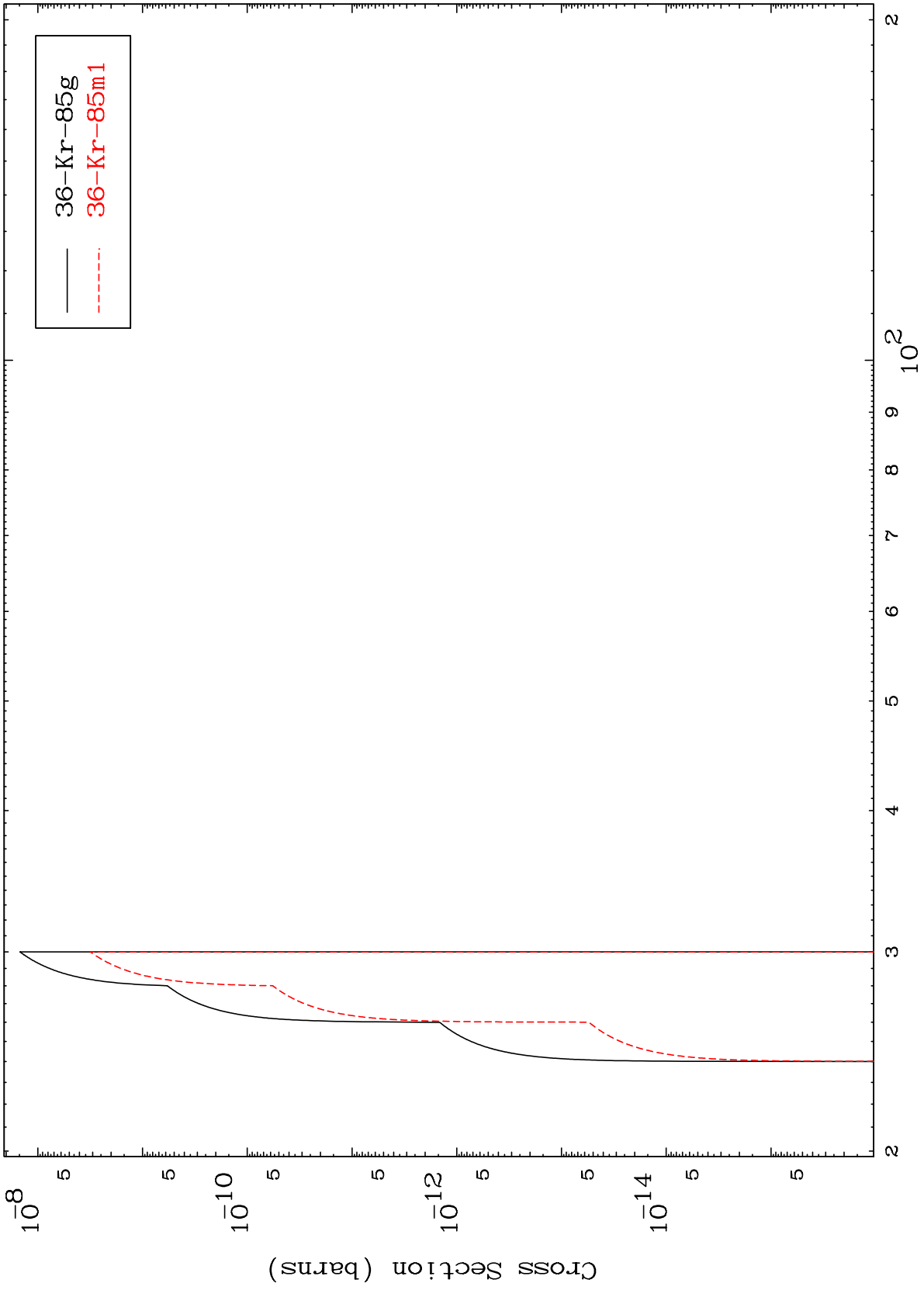
$^{36}\text{Kr-85}$

MAT 3647

( $\alpha, p$ ) t

<sup>36</sup>Kr-85

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>36</sup>Kr-85