

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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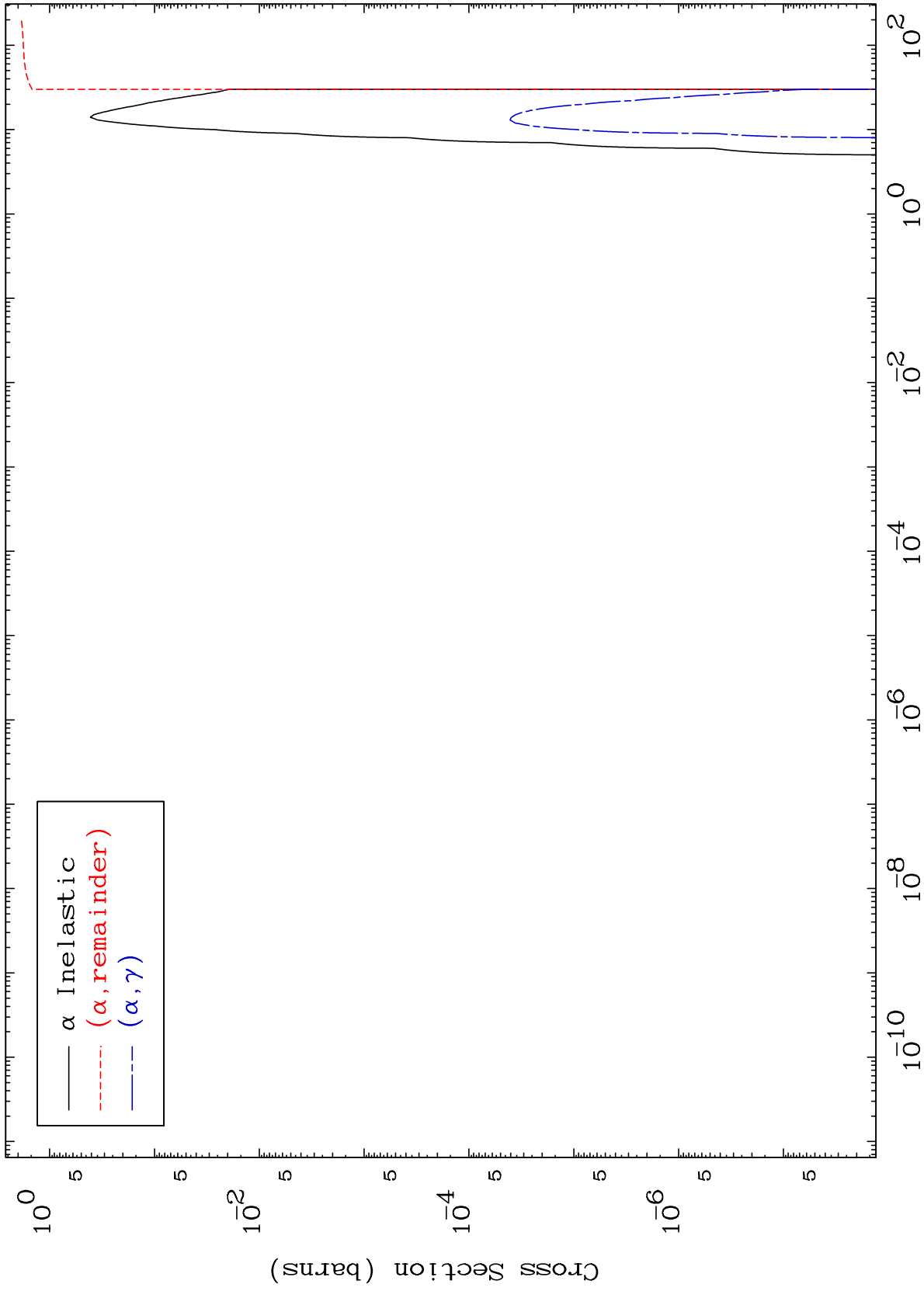
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

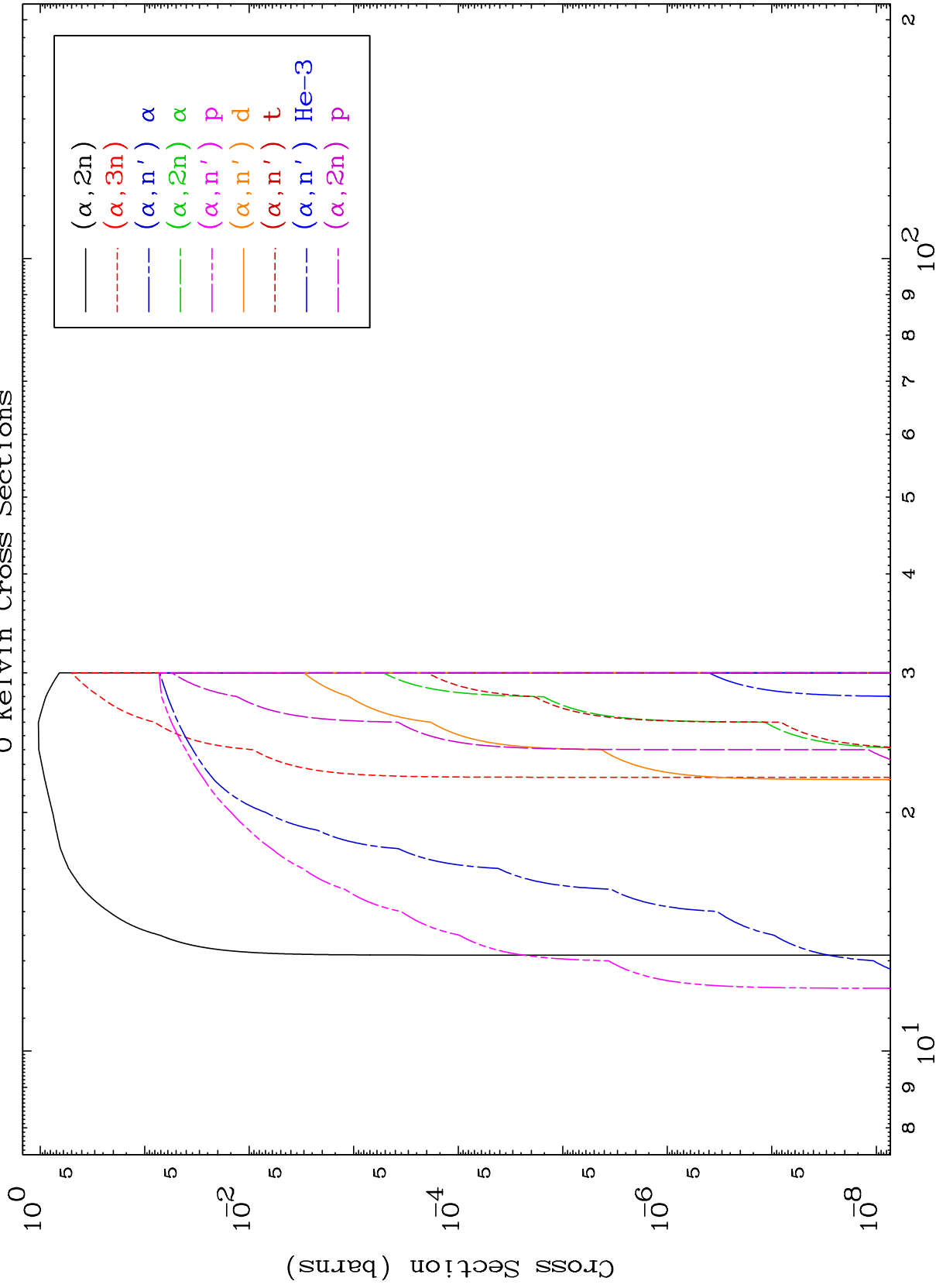
Press Mouse Button to Start

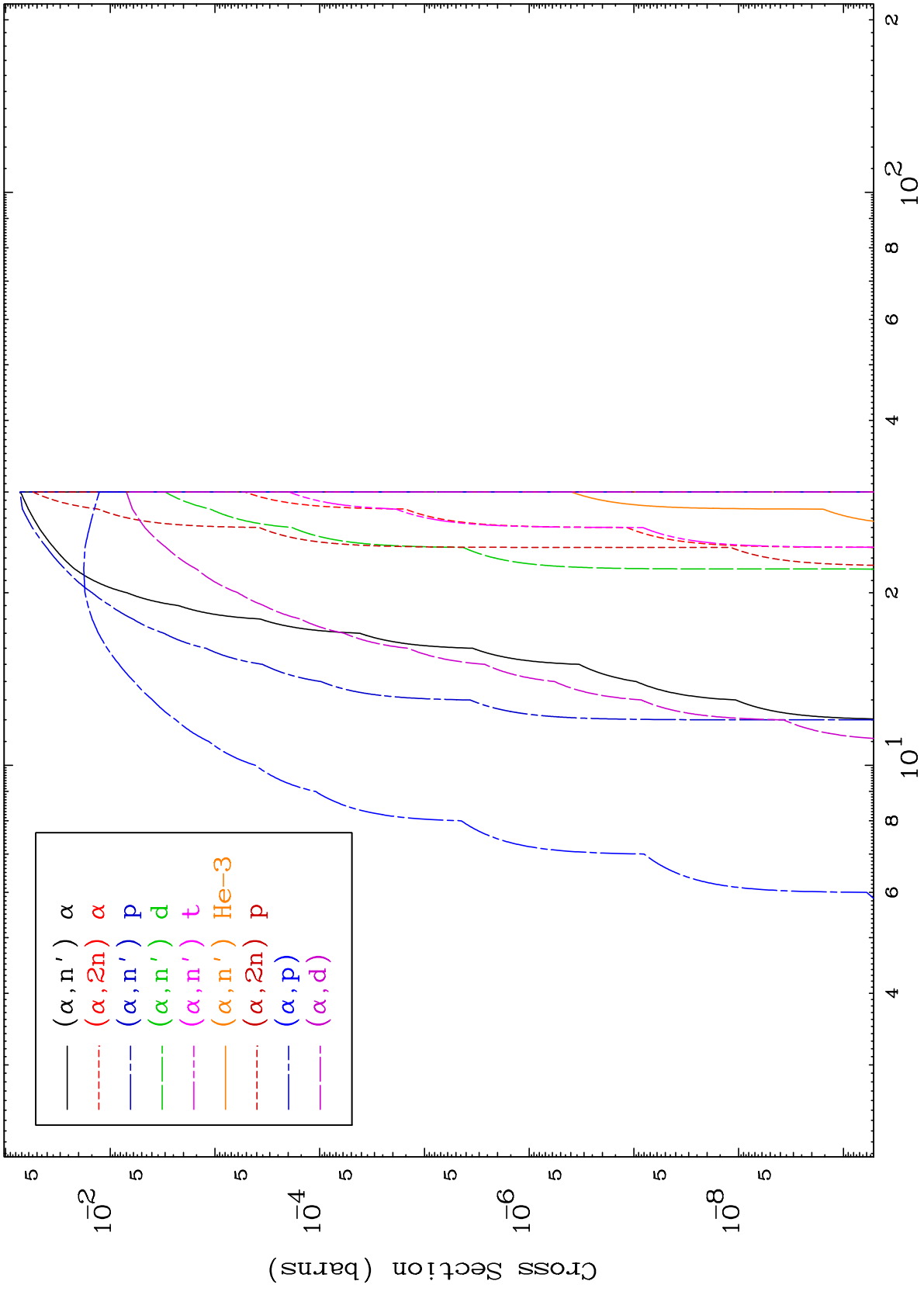
MAT 3640

0 Kelvin  $\alpha$  Major  
Cross Sections

36-Kr-83



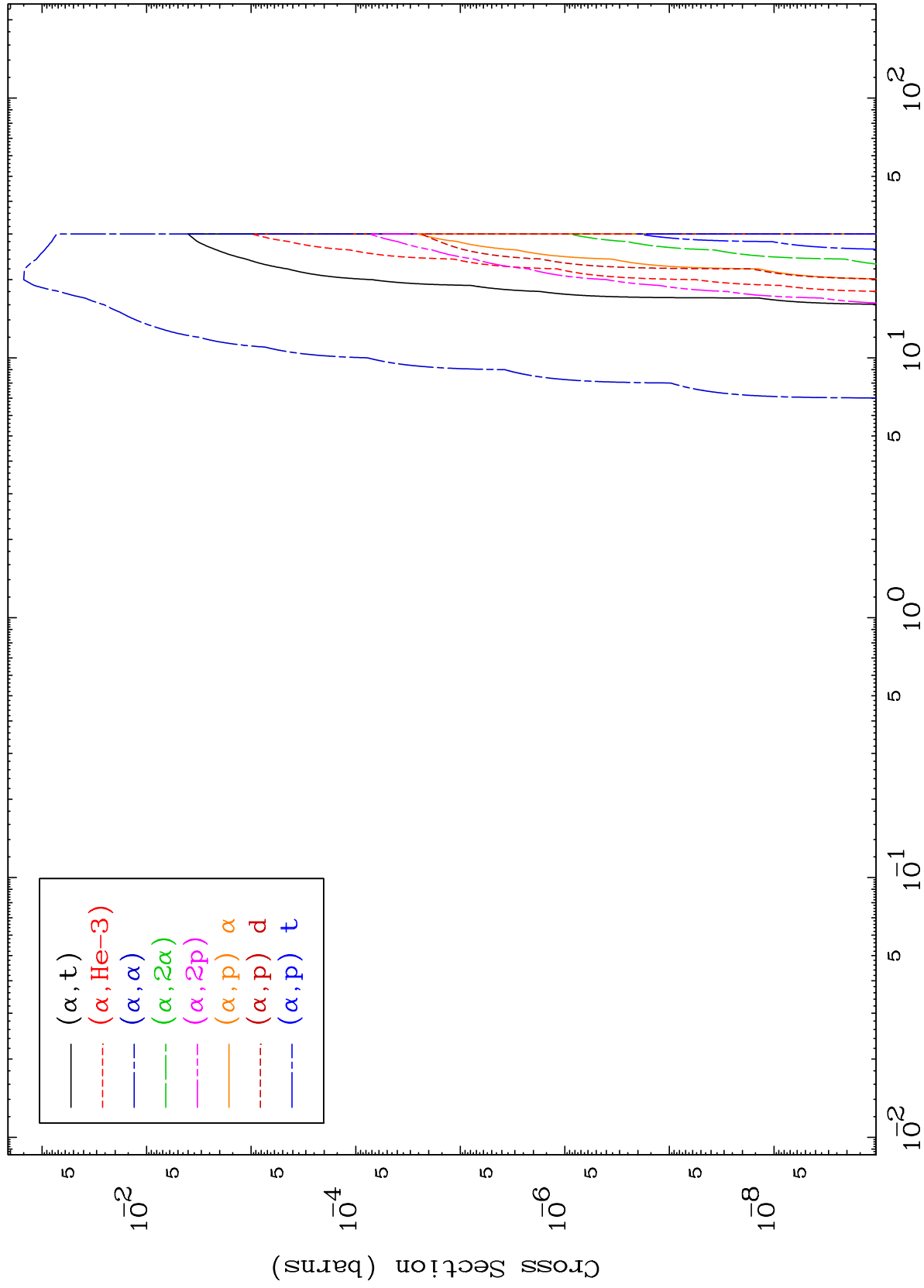




MAT 3640

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

36-Kr-83

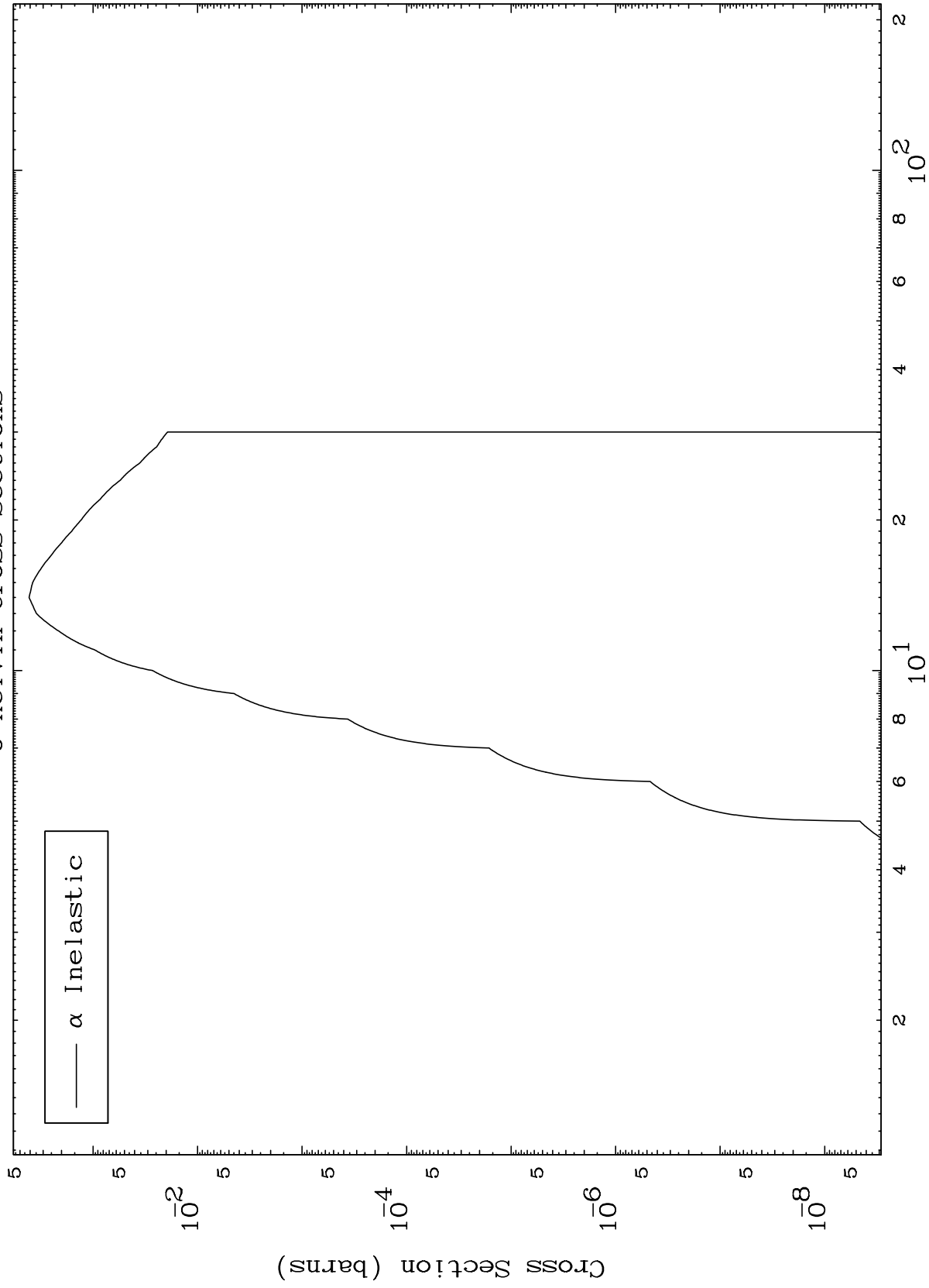


4

MAT 3640

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

36-Kr-83



5

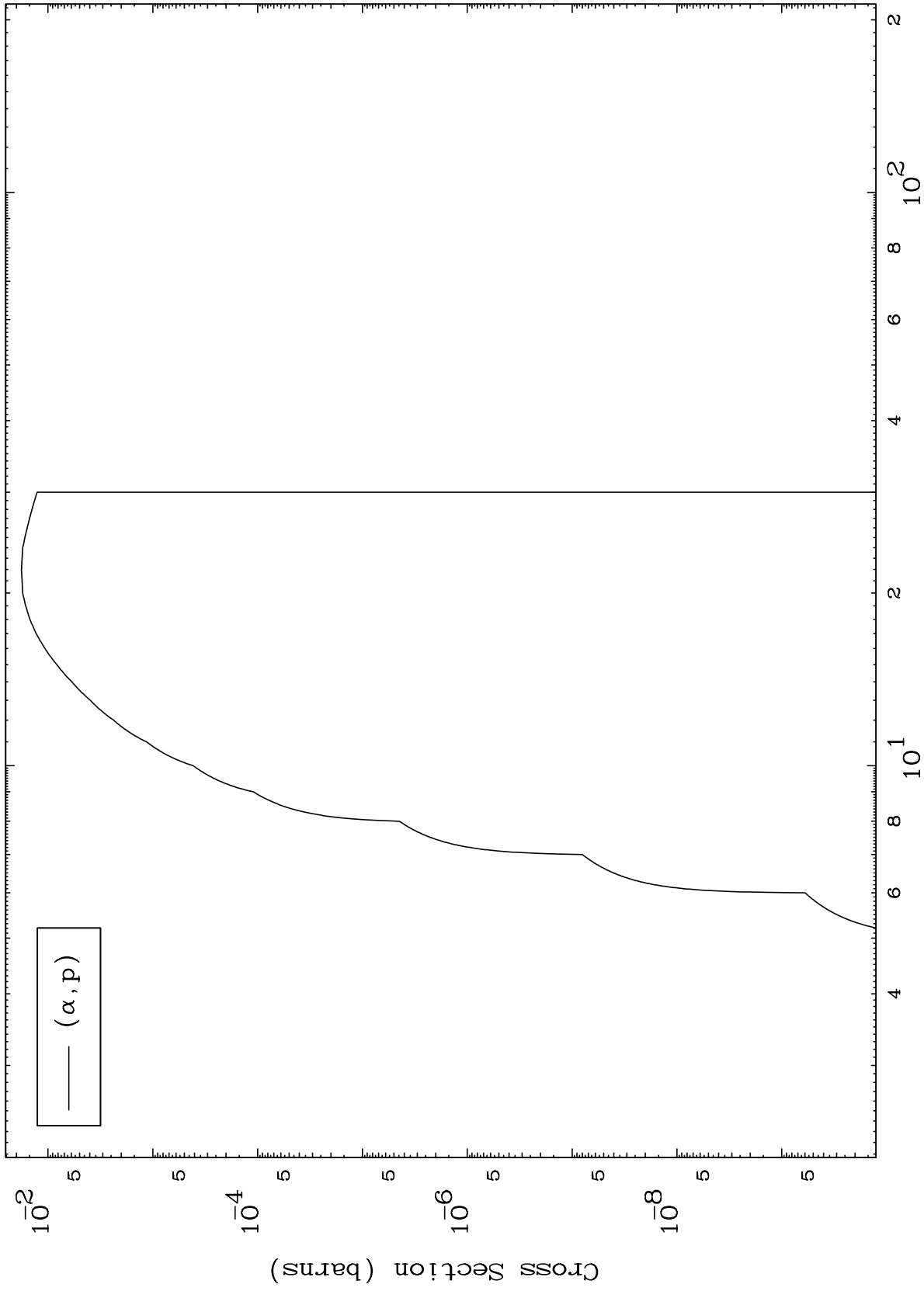
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

36-Kr-83



6

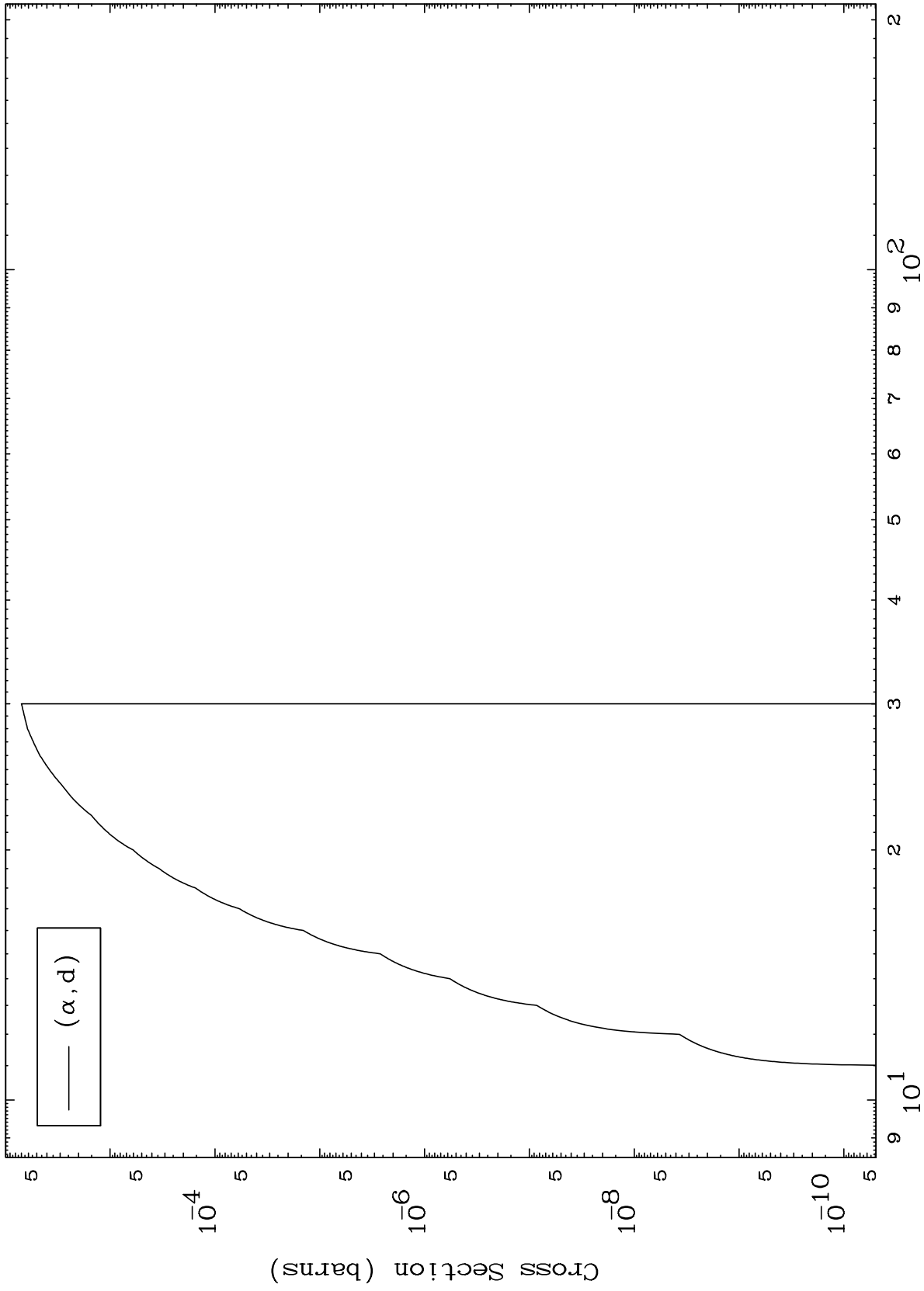
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

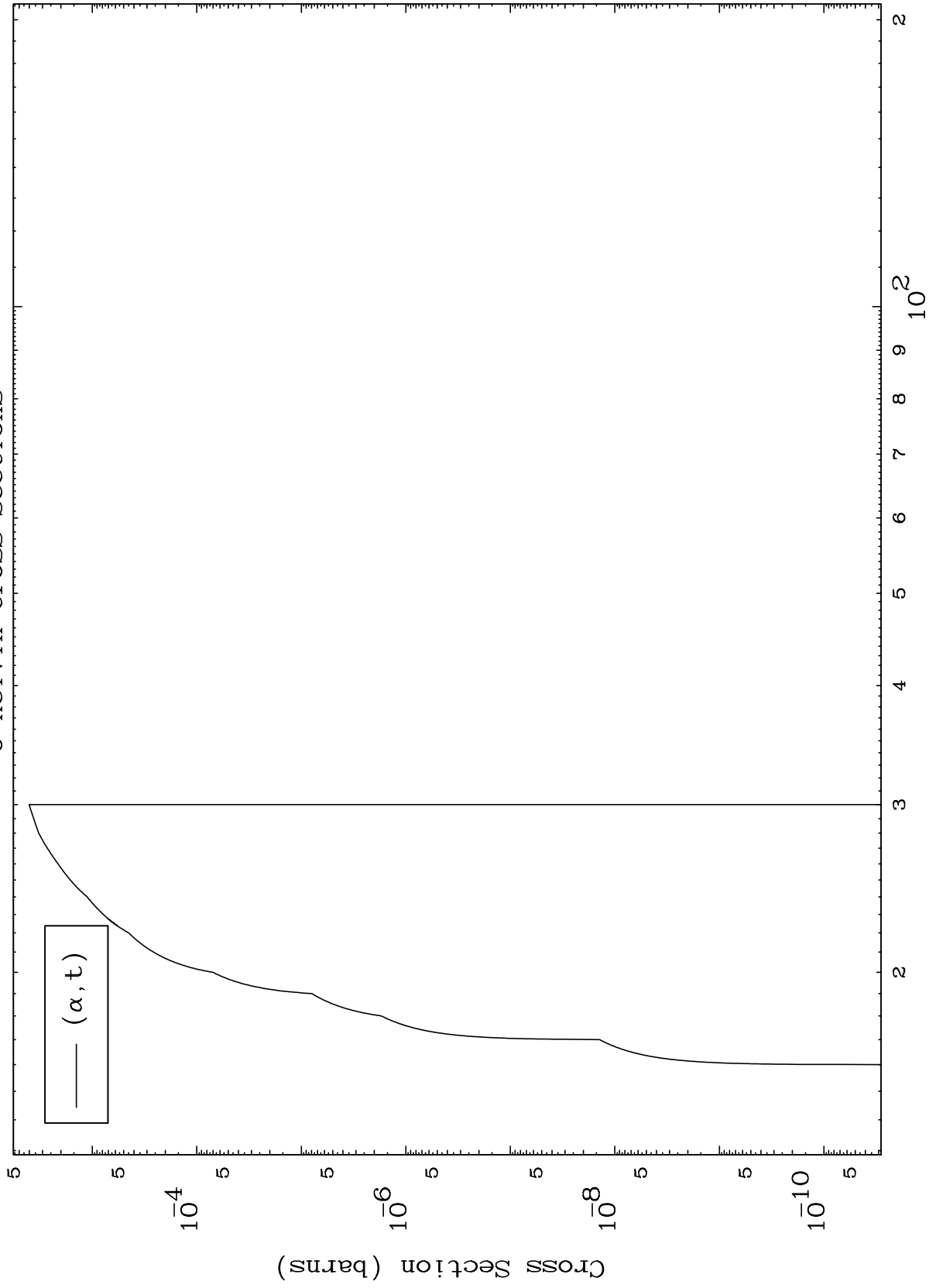
36-Kr-83

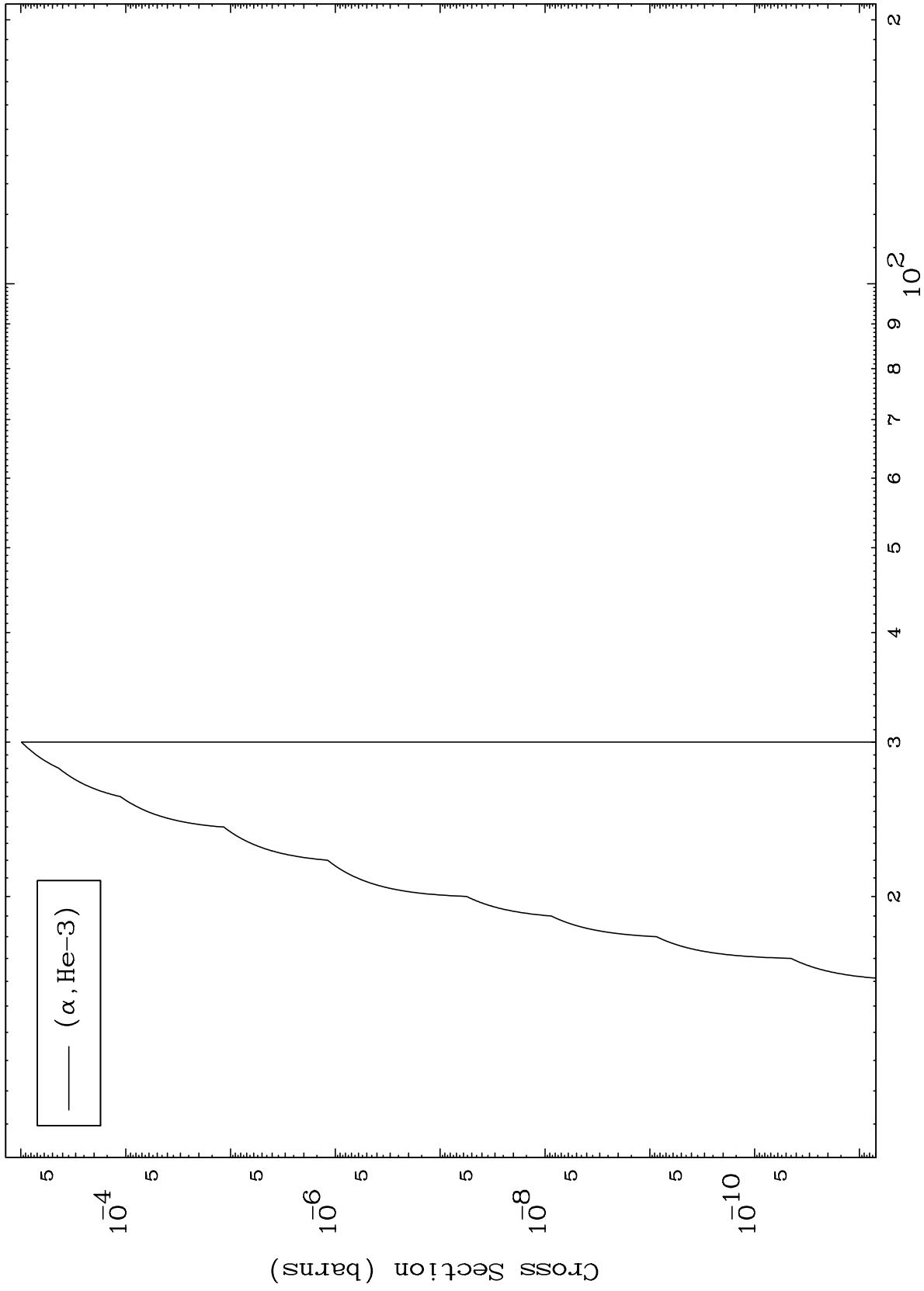


7

Incident Energy (MeV)

36-Kr-83

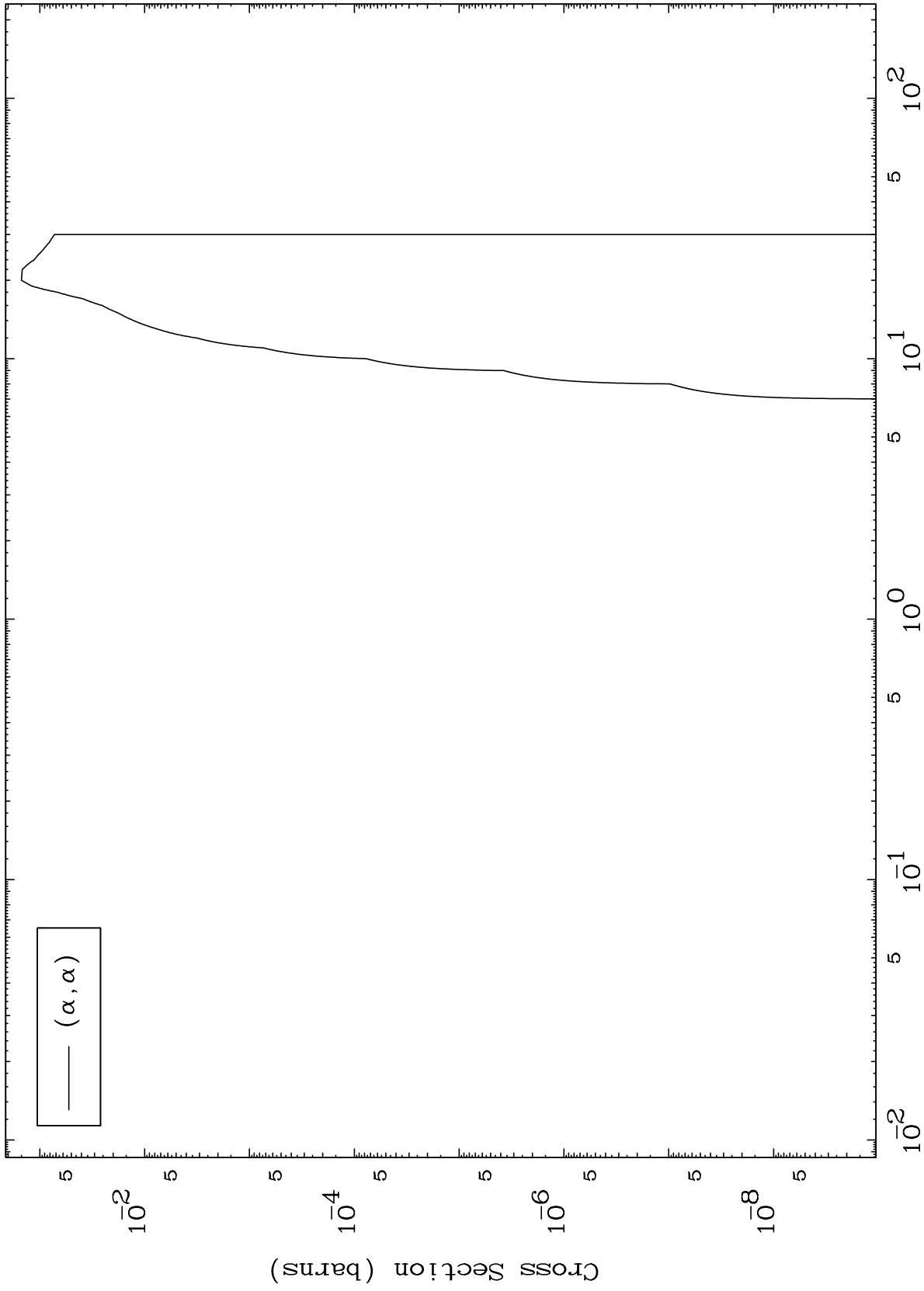




MAT 3640

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

36-Kr-83



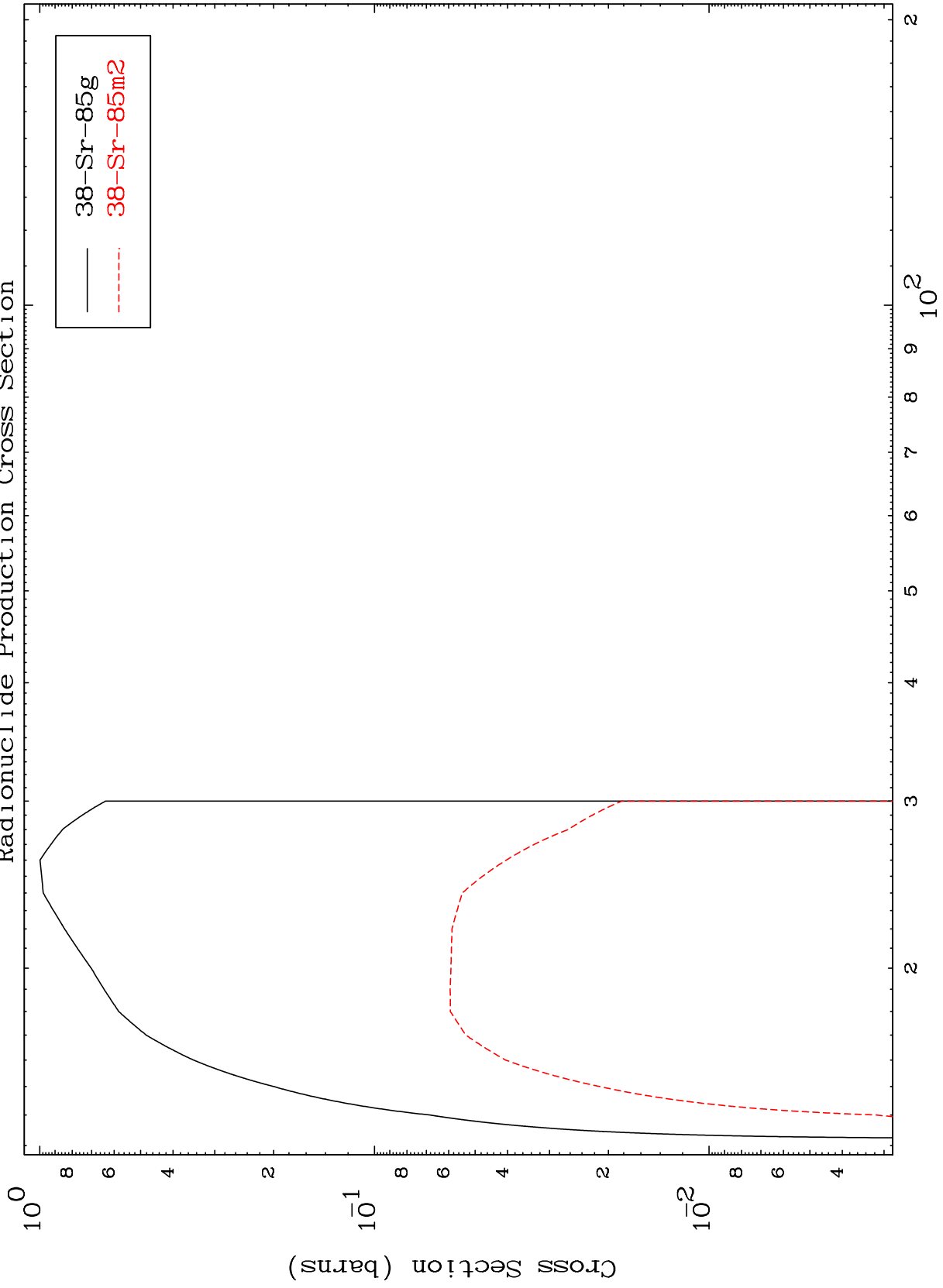
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

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



11

36-Kr-83

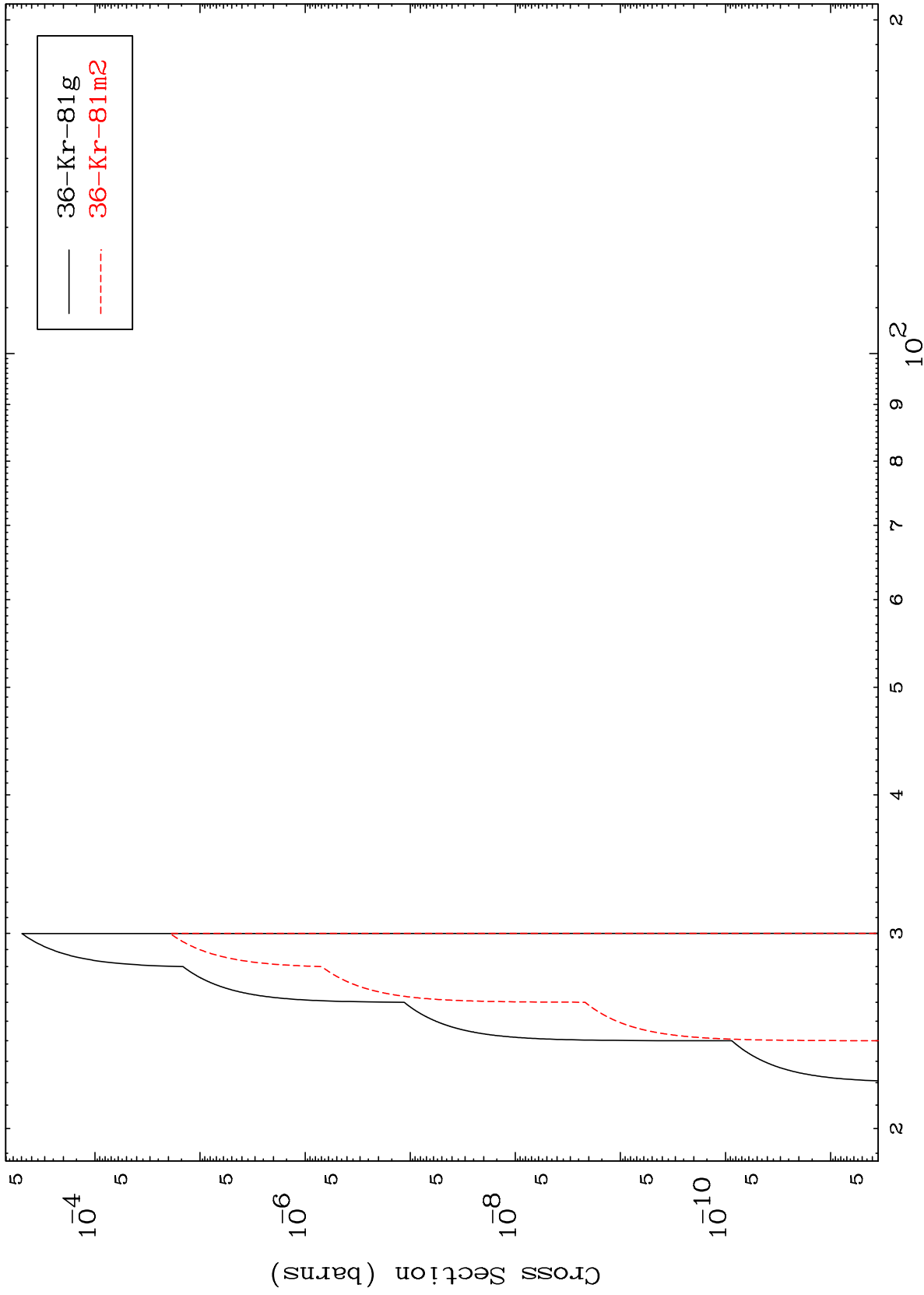
Incident Energy (MeV)

MAT 3640

$(\alpha, 2n) \alpha$

36-Kr-83

Radionuclide Production Cross Section



12

Incident Energy (MeV)

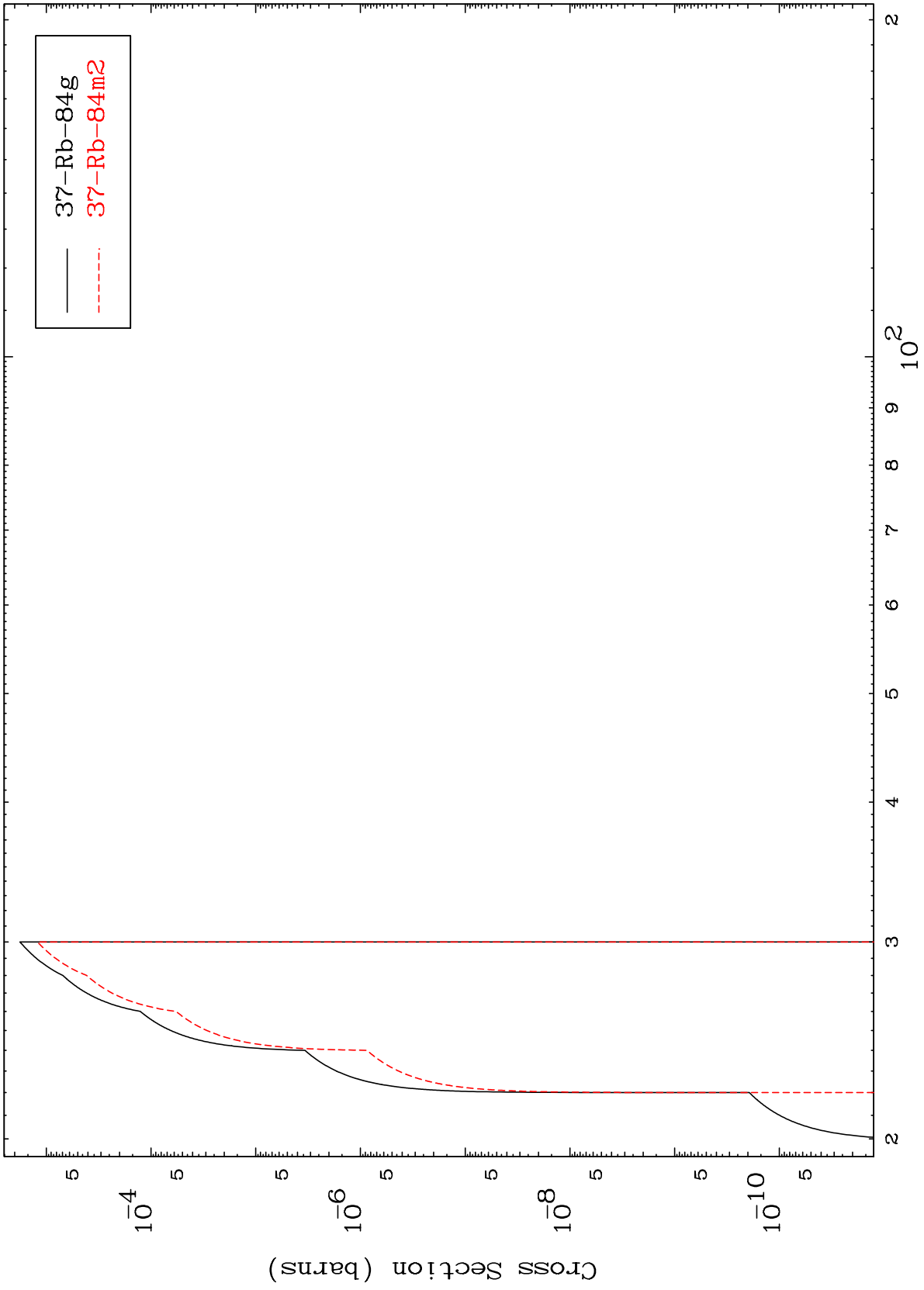
36-Kr-83

MAT 3640

( $\alpha, n'$ ) d

36-Kr-83

Radionuclide Production Cross Section

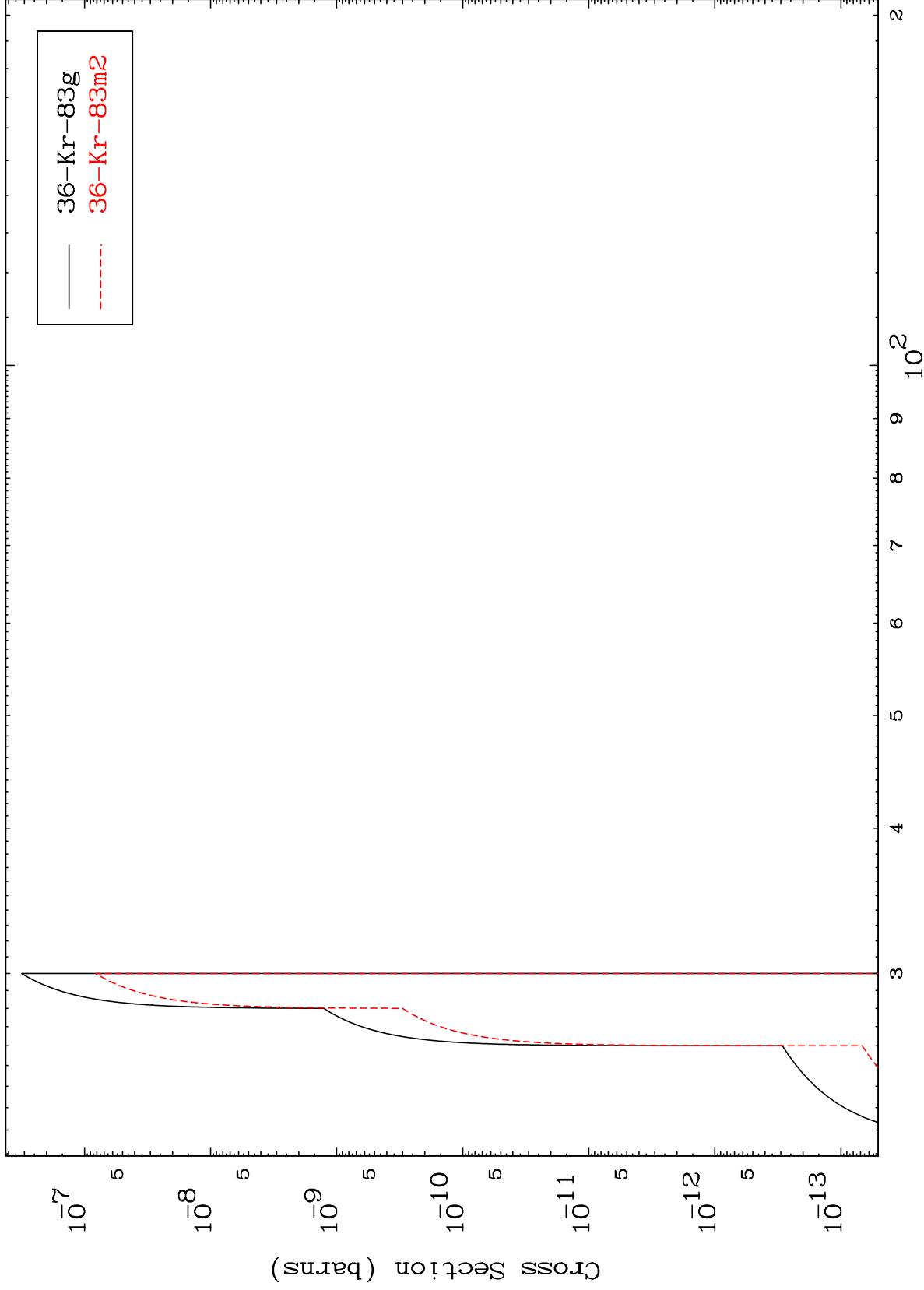


13

Incident Energy (MeV)

36-Kr-83

Radionuclide Production Cross Section

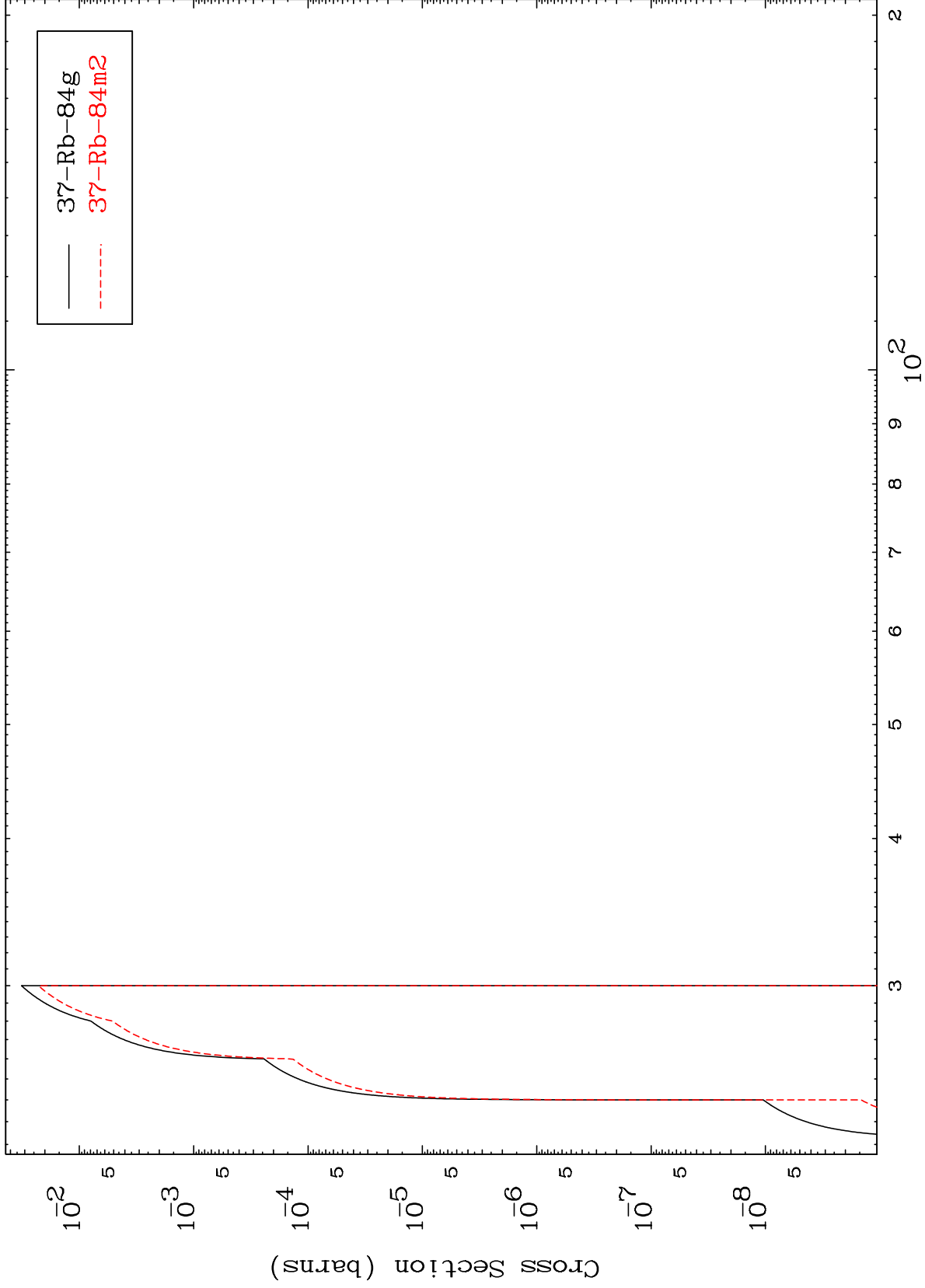


MAT 3640

$(\alpha, 2n)$  p

36-Kr-83

Radionuclide Production Cross Section



15

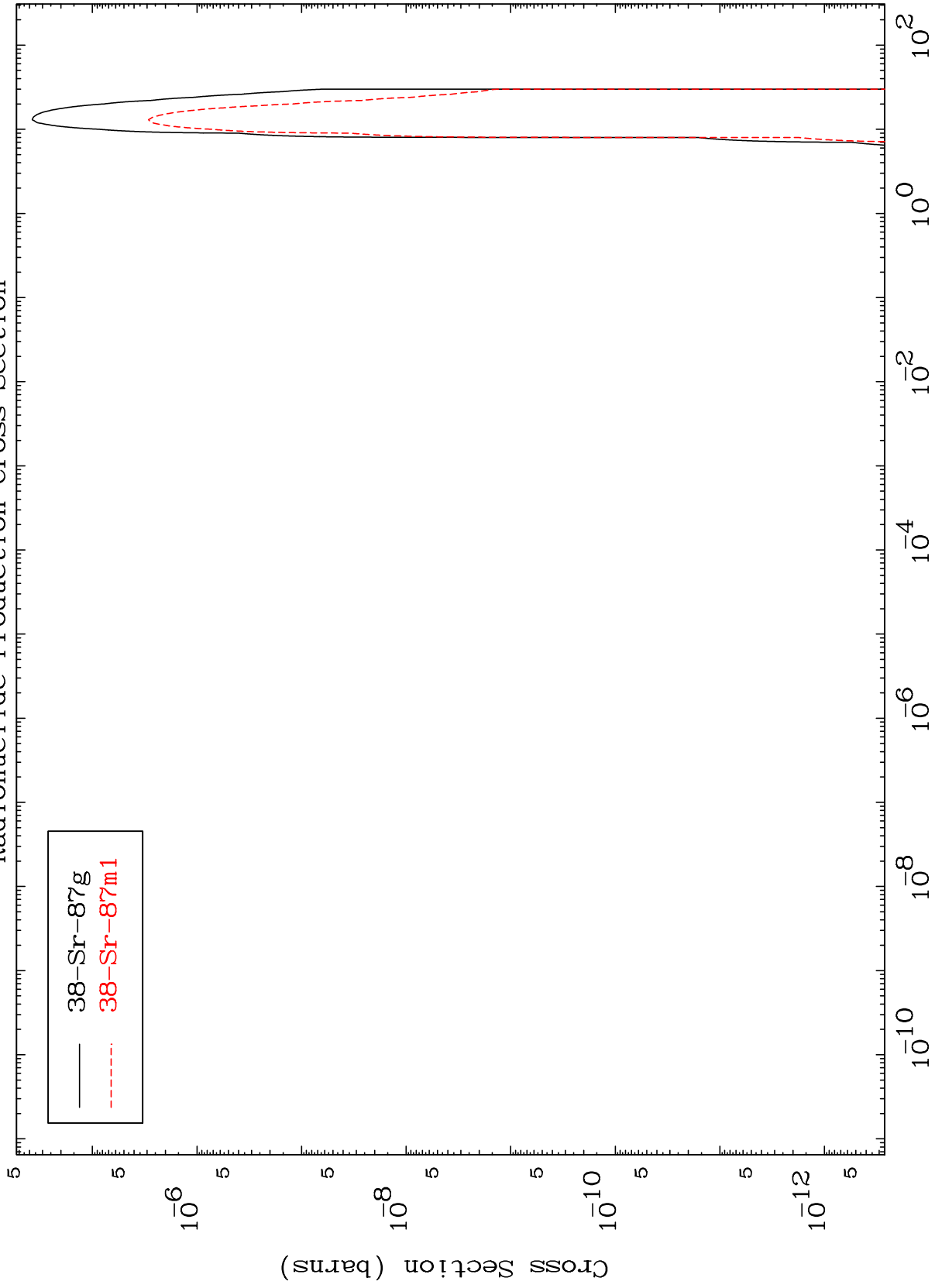
Incident Energy (MeV)

36-Kr-83

MAT 3640

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

<sup>36</sup>Kr-83



16

Incident Energy (MeV)

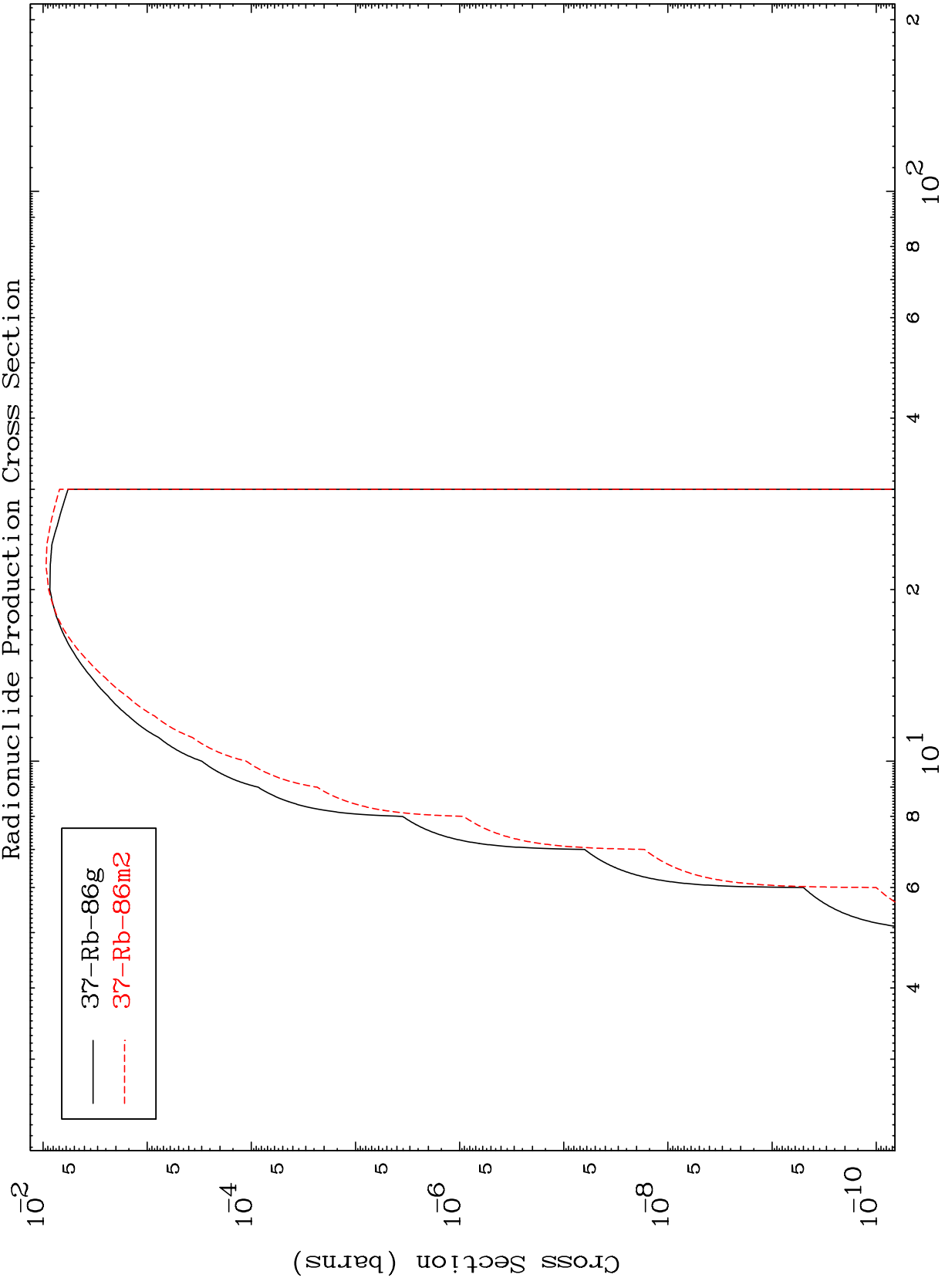
<sup>36</sup>Kr-83

MAT 3640

36-Kr-83

Radionuclide Production Cross Section

( $\alpha, p$ )



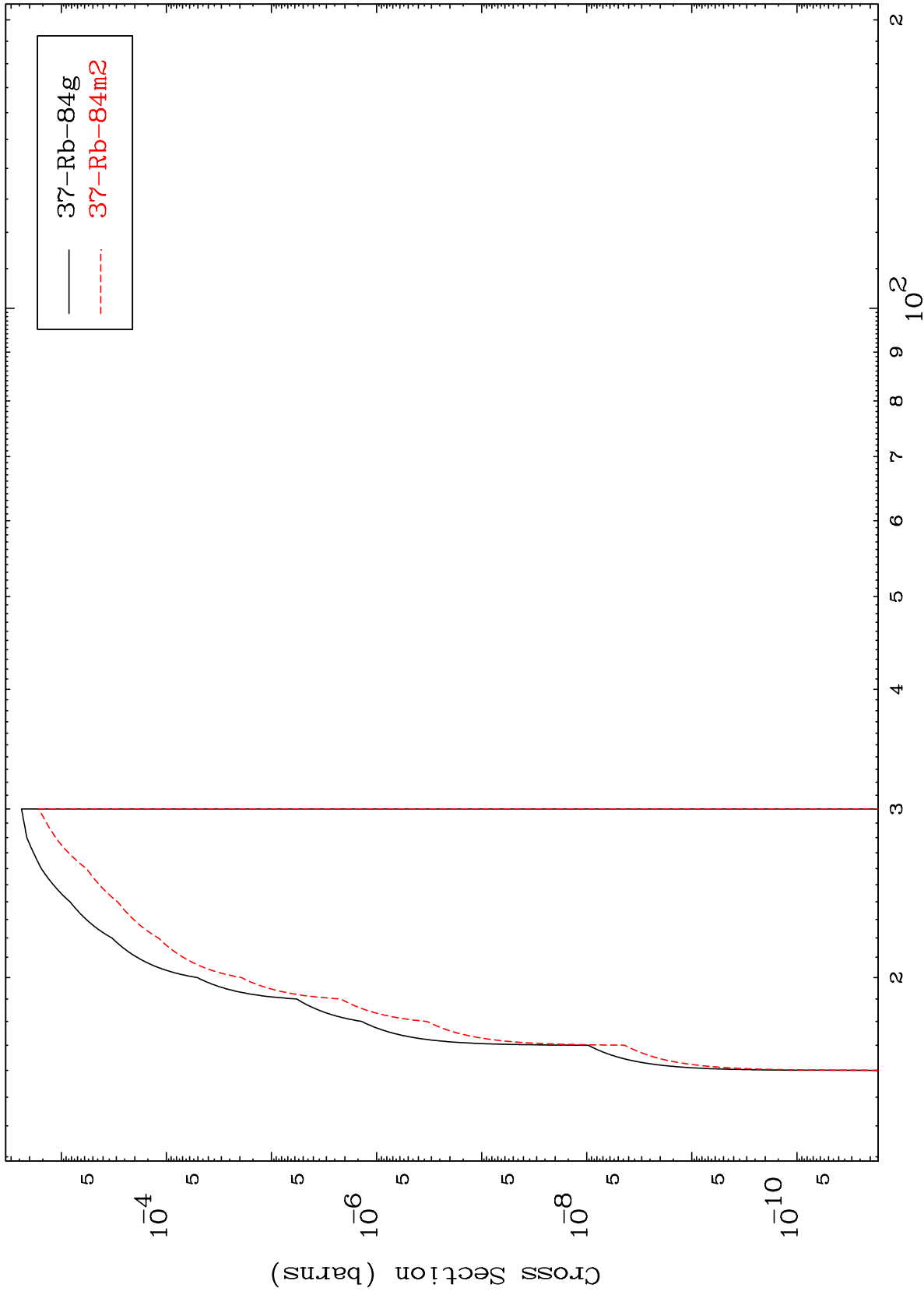
37-Rb-86g  
37-Rb-86m2

17

36-Kr-83

Incident Energy (MeV)

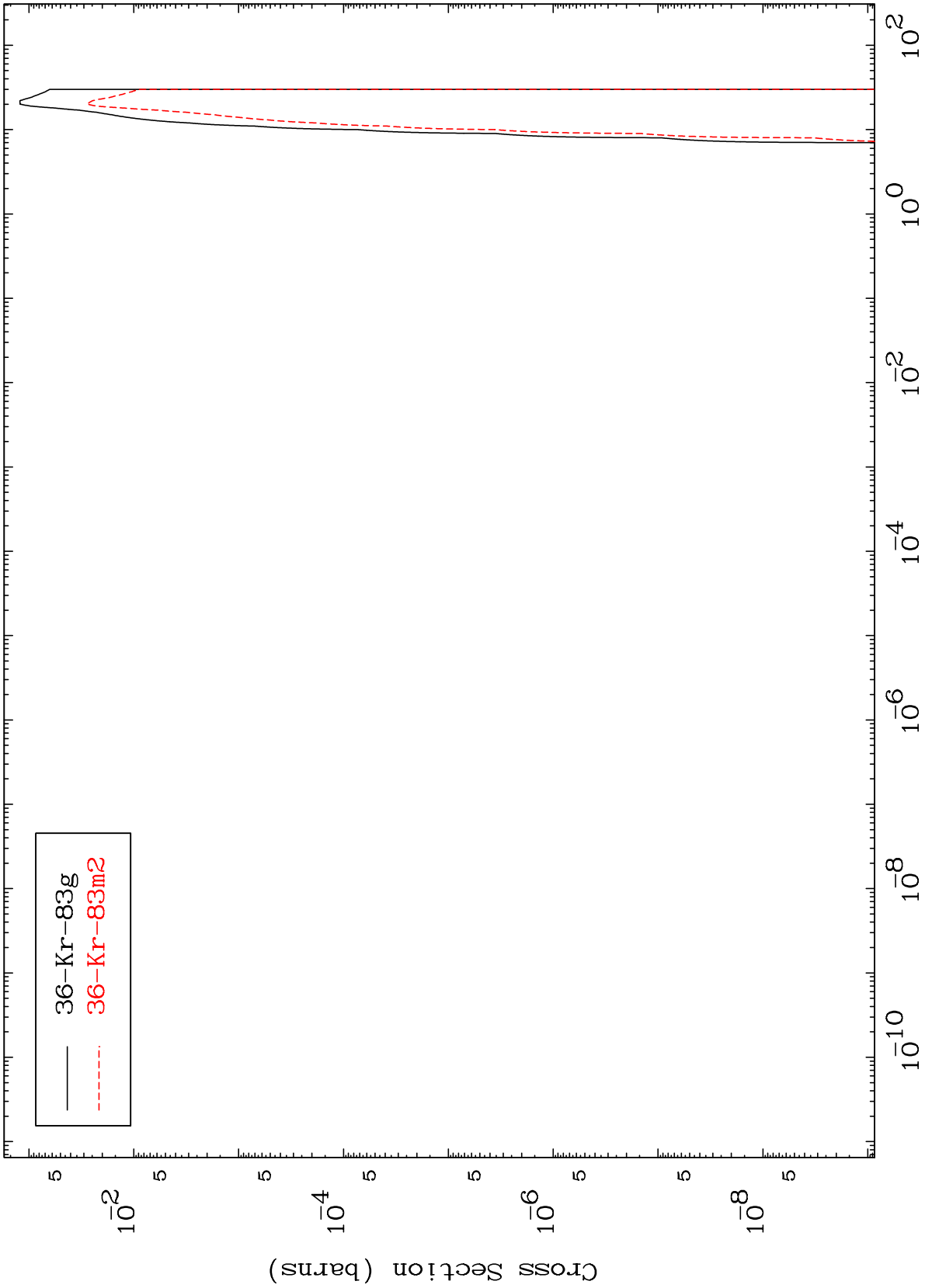
Radionuclide Production Cross Section



MAT 3640

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

$^{36}\text{Kr-83}$

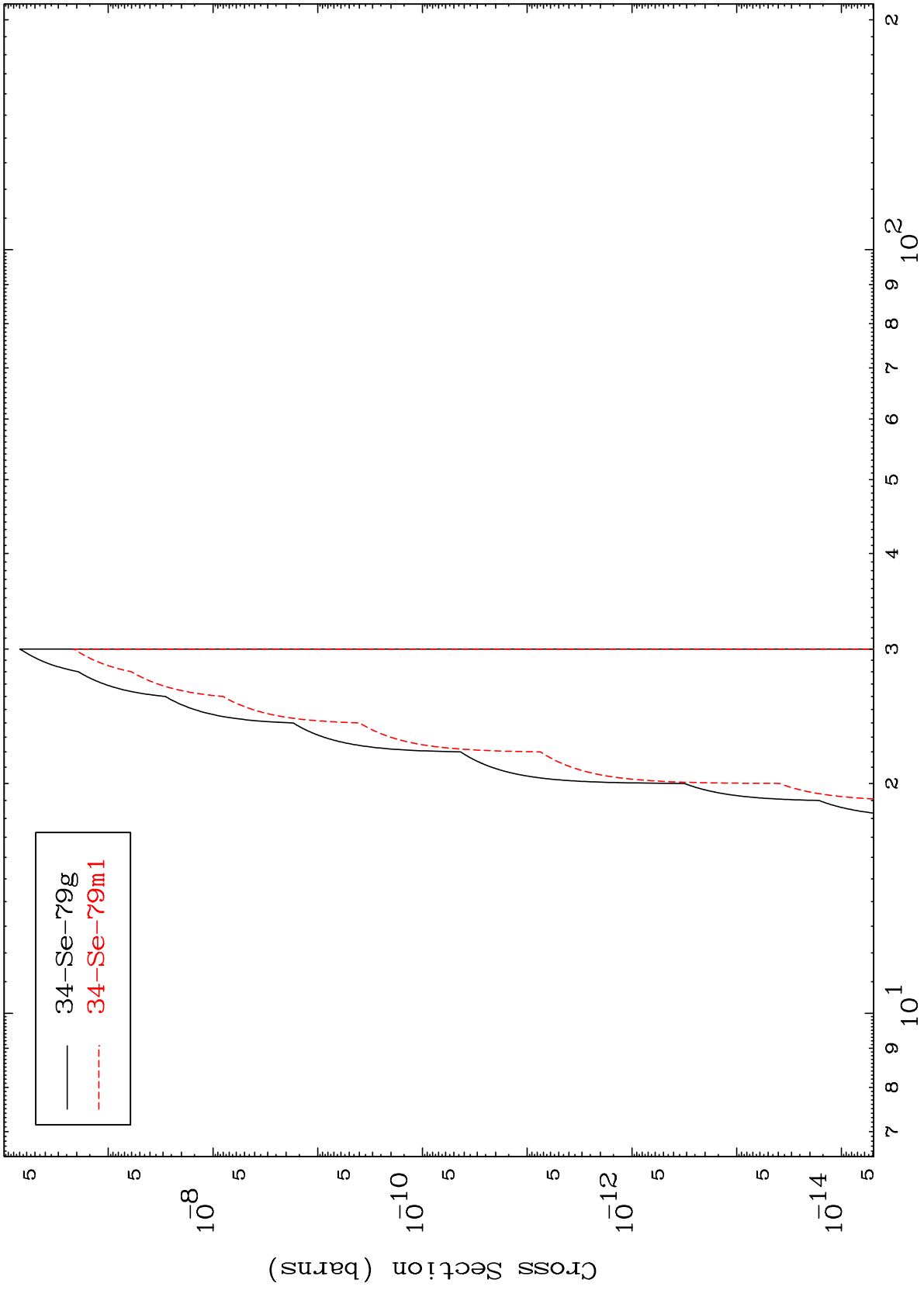


$^{36}\text{Kr-83}$

MAT 3640

36-Kr-83

Radionuclide Production Cross Section



20

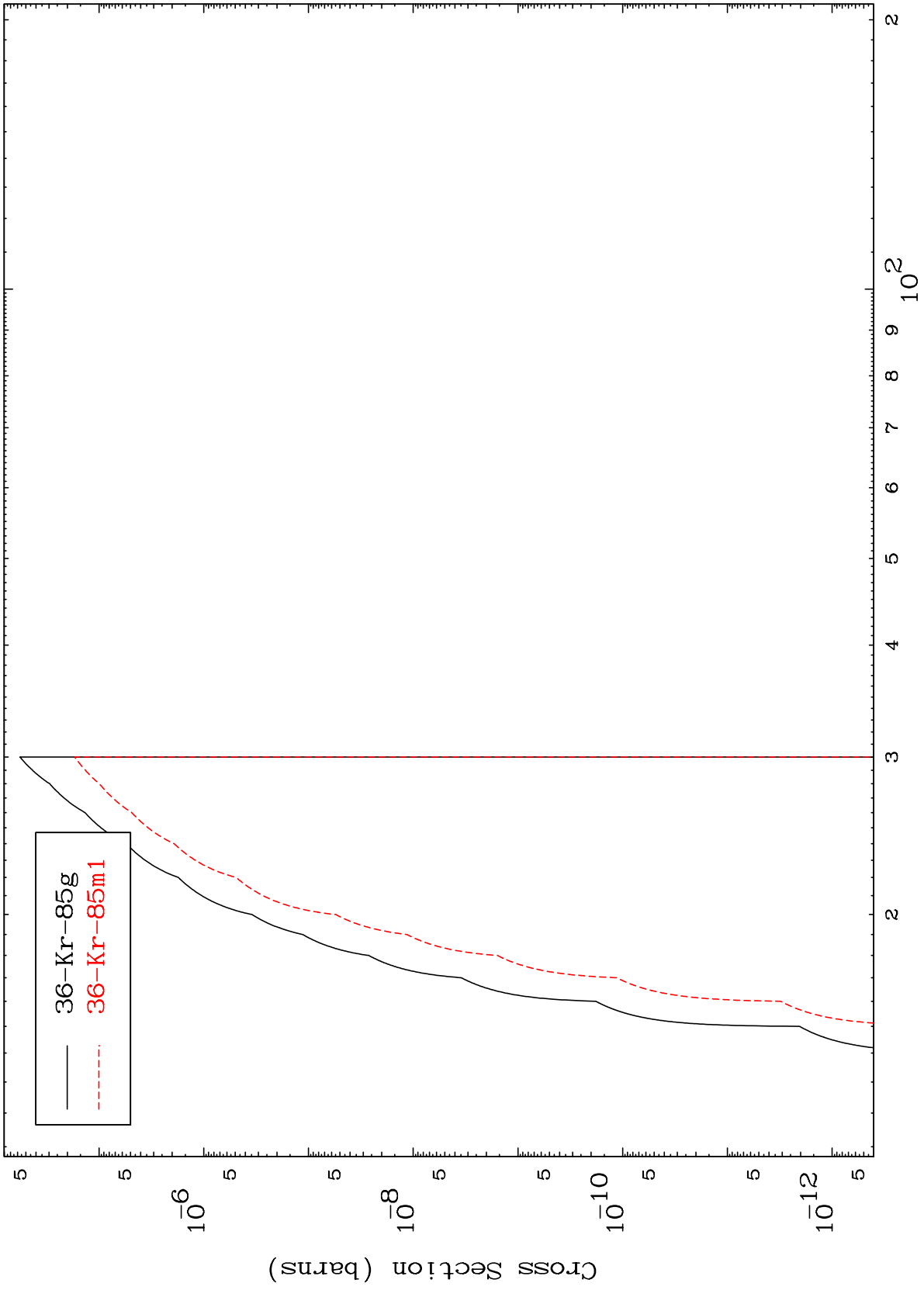
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

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



21

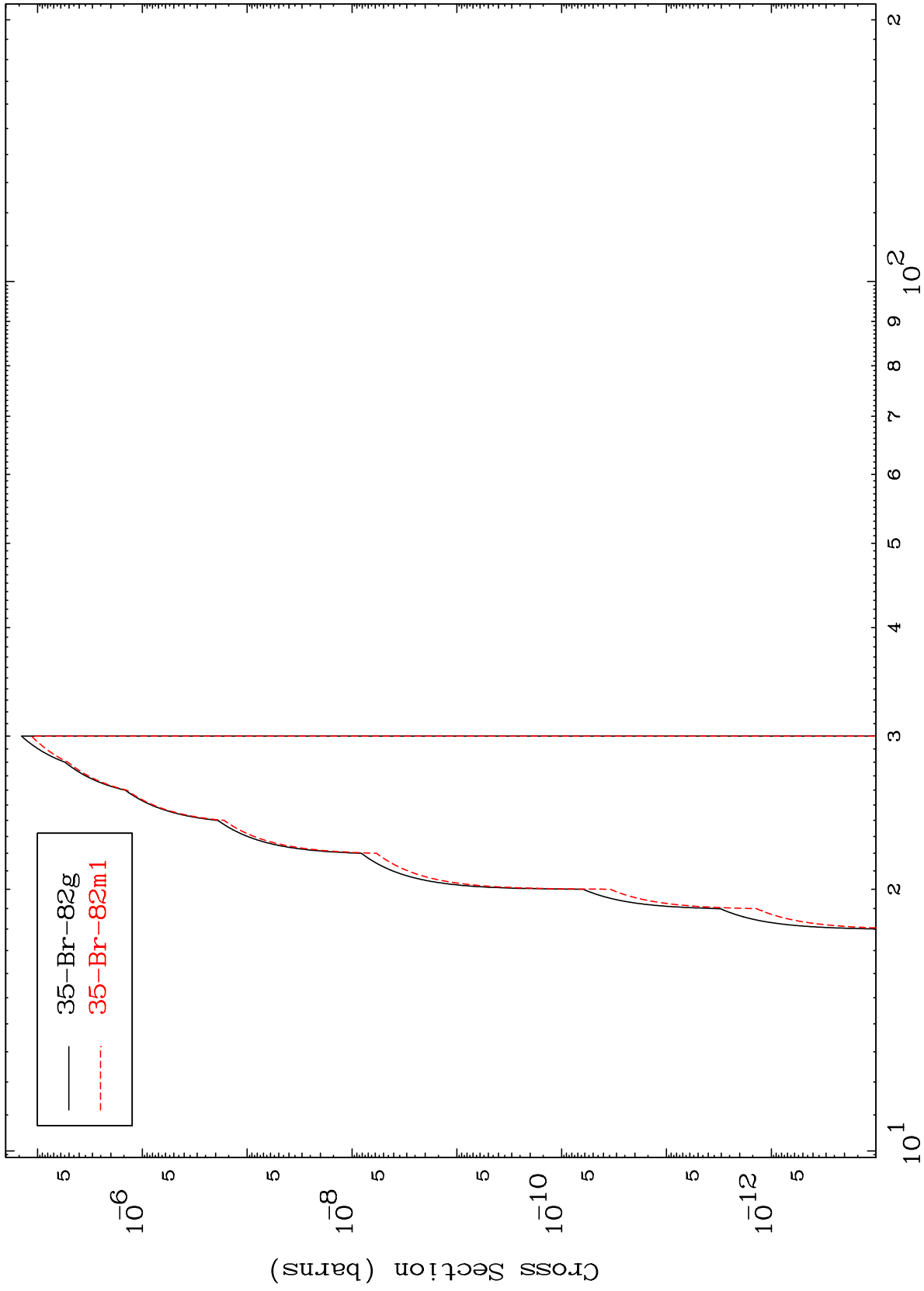
36-Kr-83

MAT 3640

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

$^{36}\text{Kr-83}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

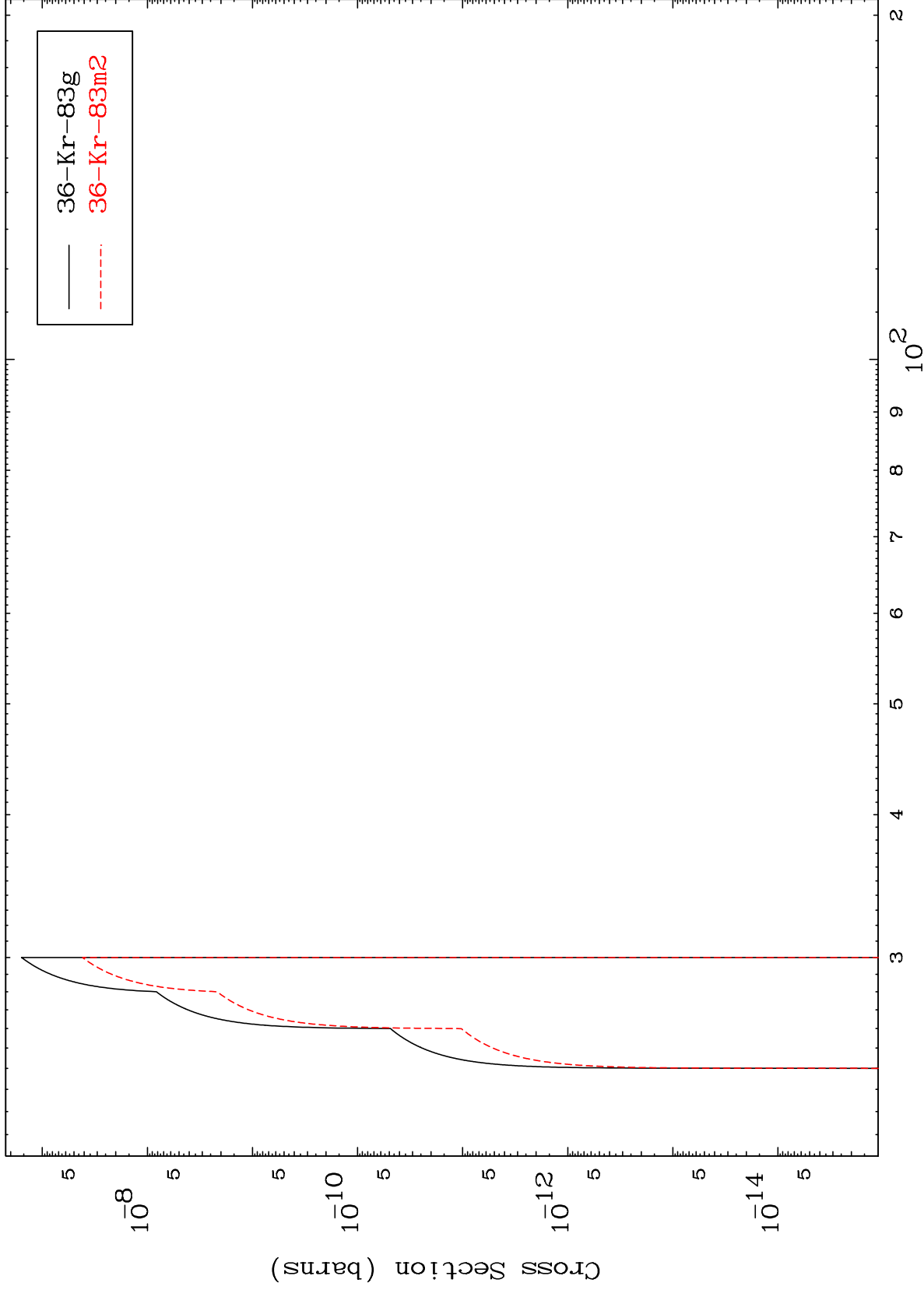
$^{36}\text{Kr-83}$

MAT 3640

( $\alpha, p$ ) t

36-Kr-83

Radionuclide Production Cross Section



23

Incident Energy (MeV)

36-Kr-83