

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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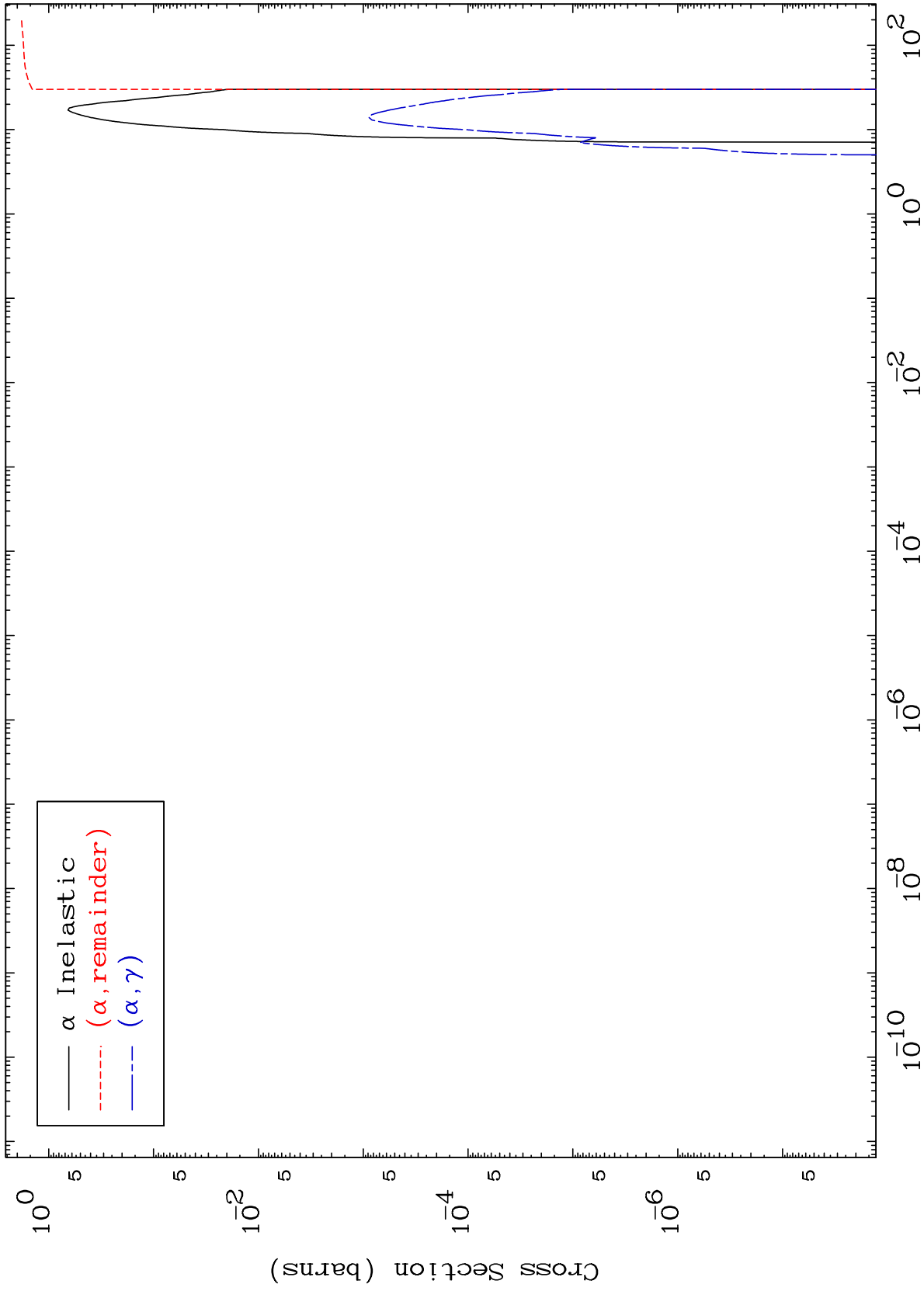
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3631

0 Kelvin  $\alpha$  Major  
Cross Sections

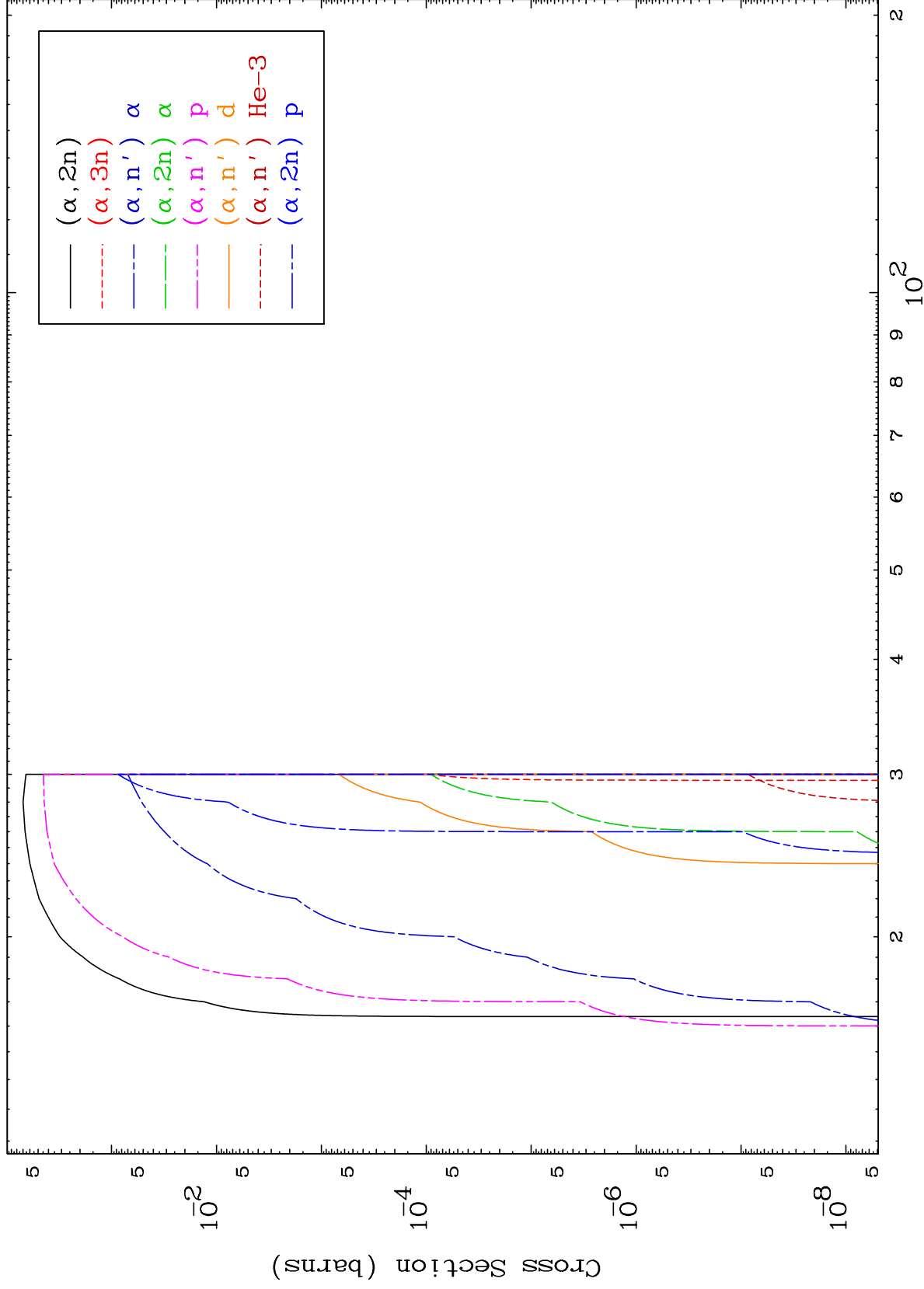
36-Kr-80



MAT 3631

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

<sup>36</sup>Kr-80



2

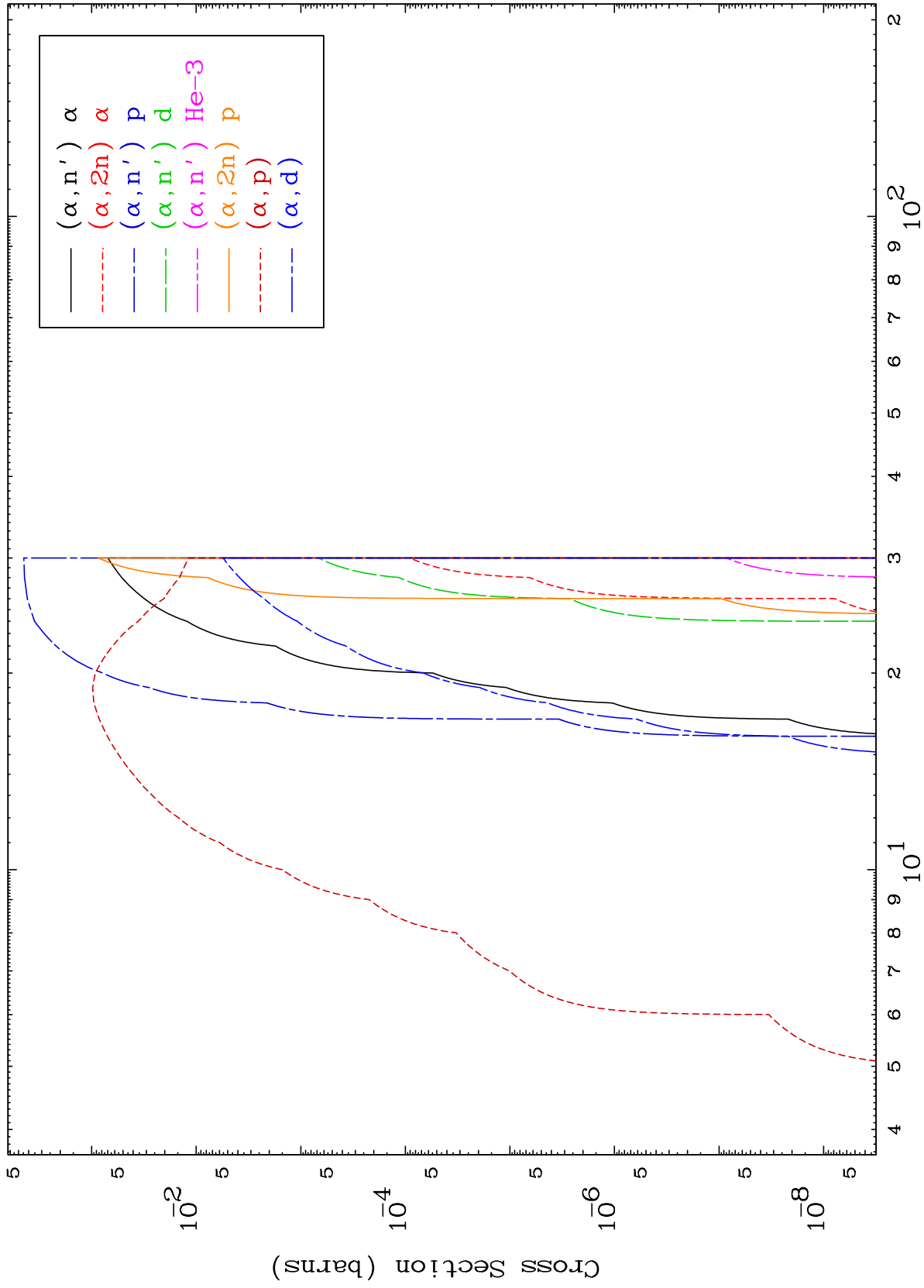
Incident Energy (MeV)

<sup>36</sup>Kr-80

MAT 3631

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

36-Kr-80



3

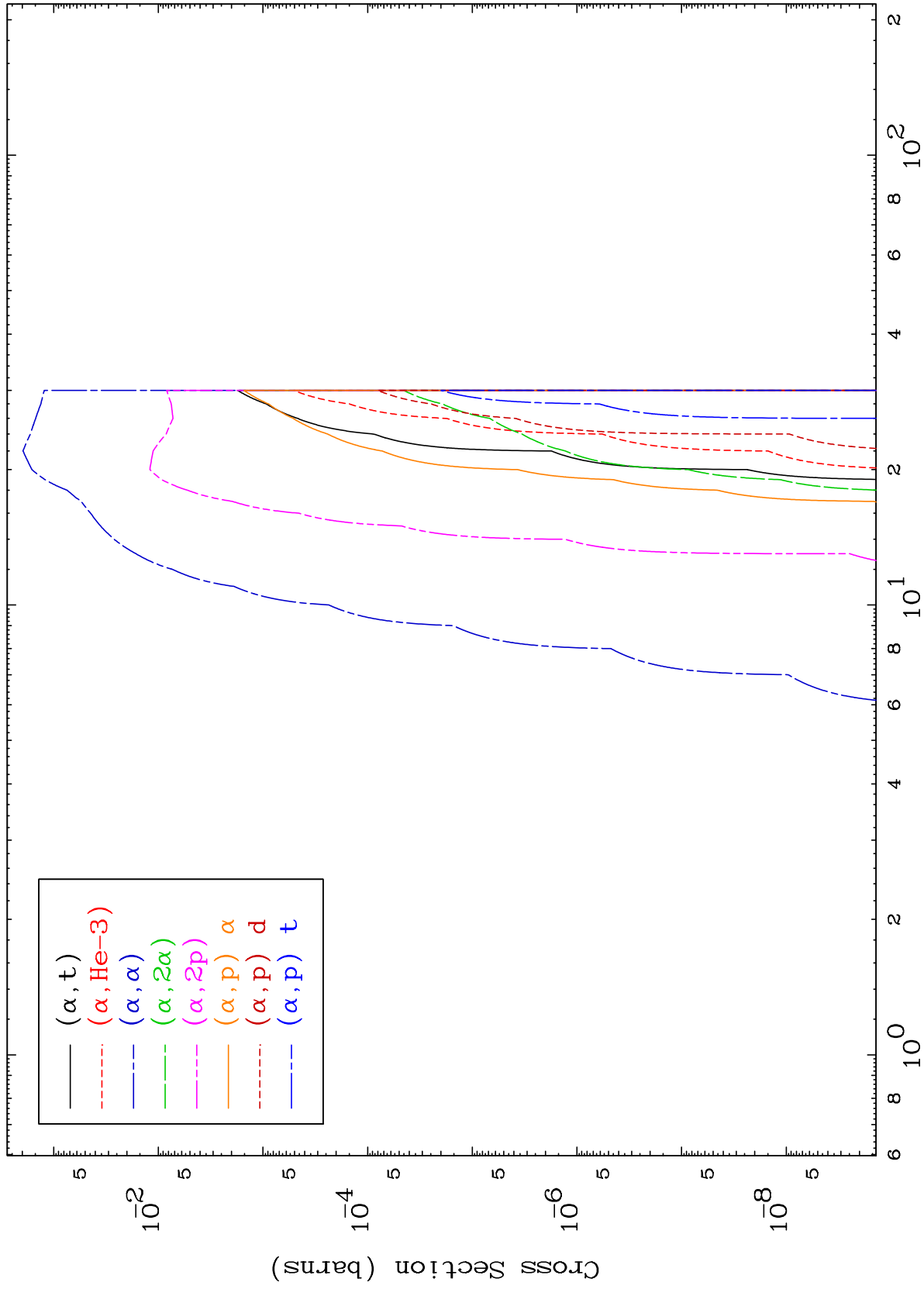
Incident Energy (MeV)

36-Kr-80

MAT 3631

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

36-Kr-80



4

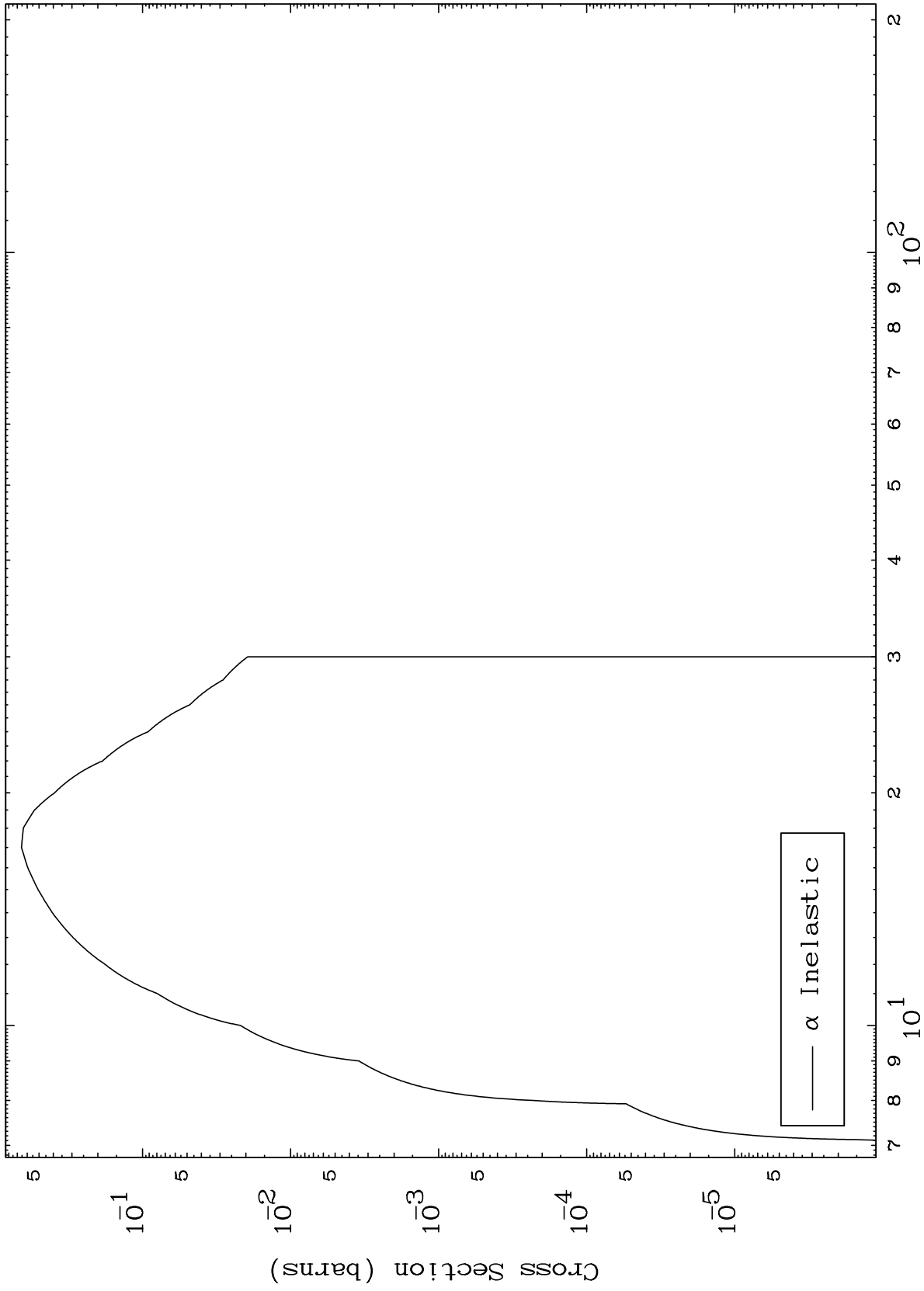
Incident Energy (MeV)

36-Kr-80

MAT 3631

36-Kr-80

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



5

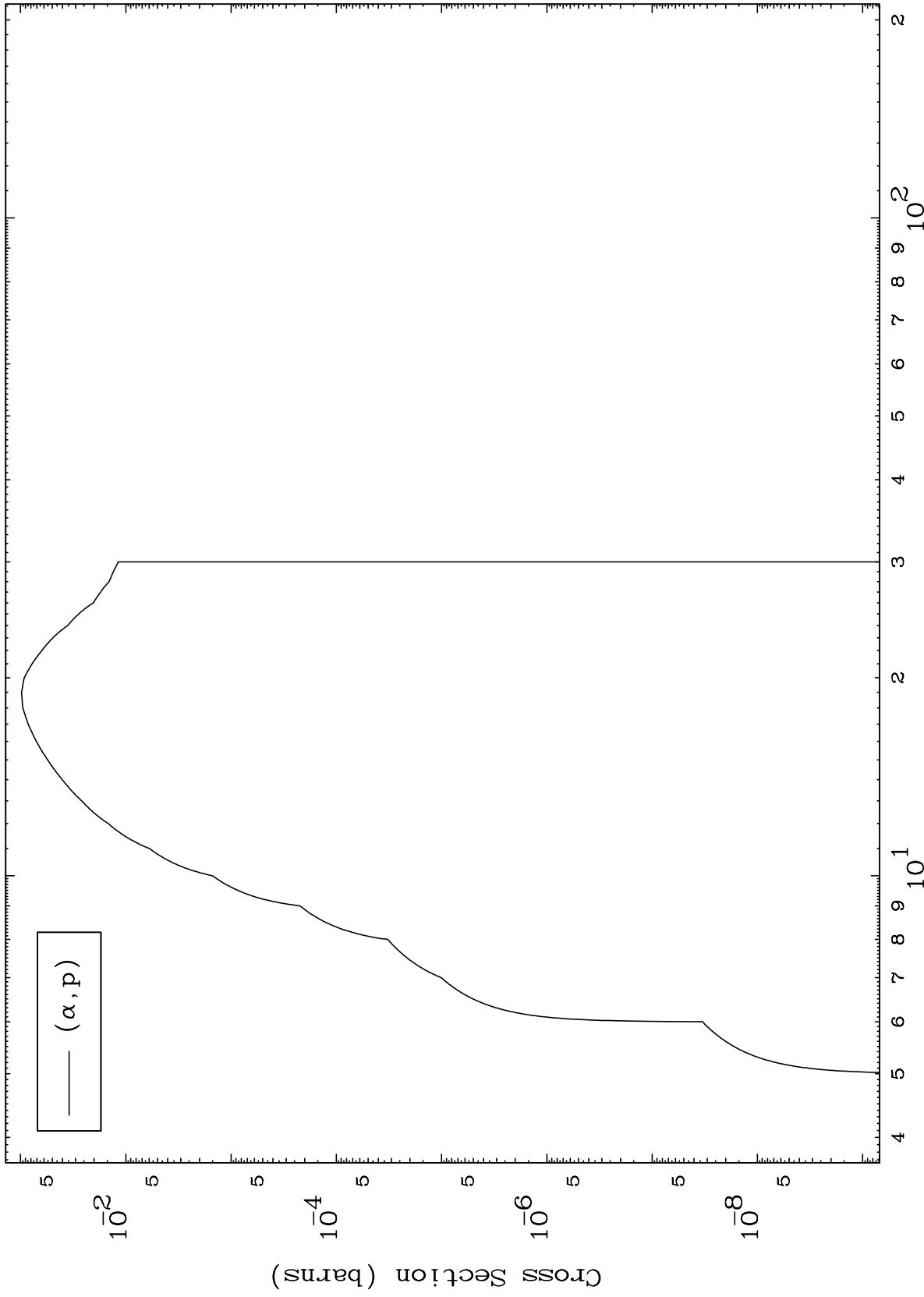
Incident Energy (MeV)

36-Kr-80

MAT 3631

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

36-Kr-80



6

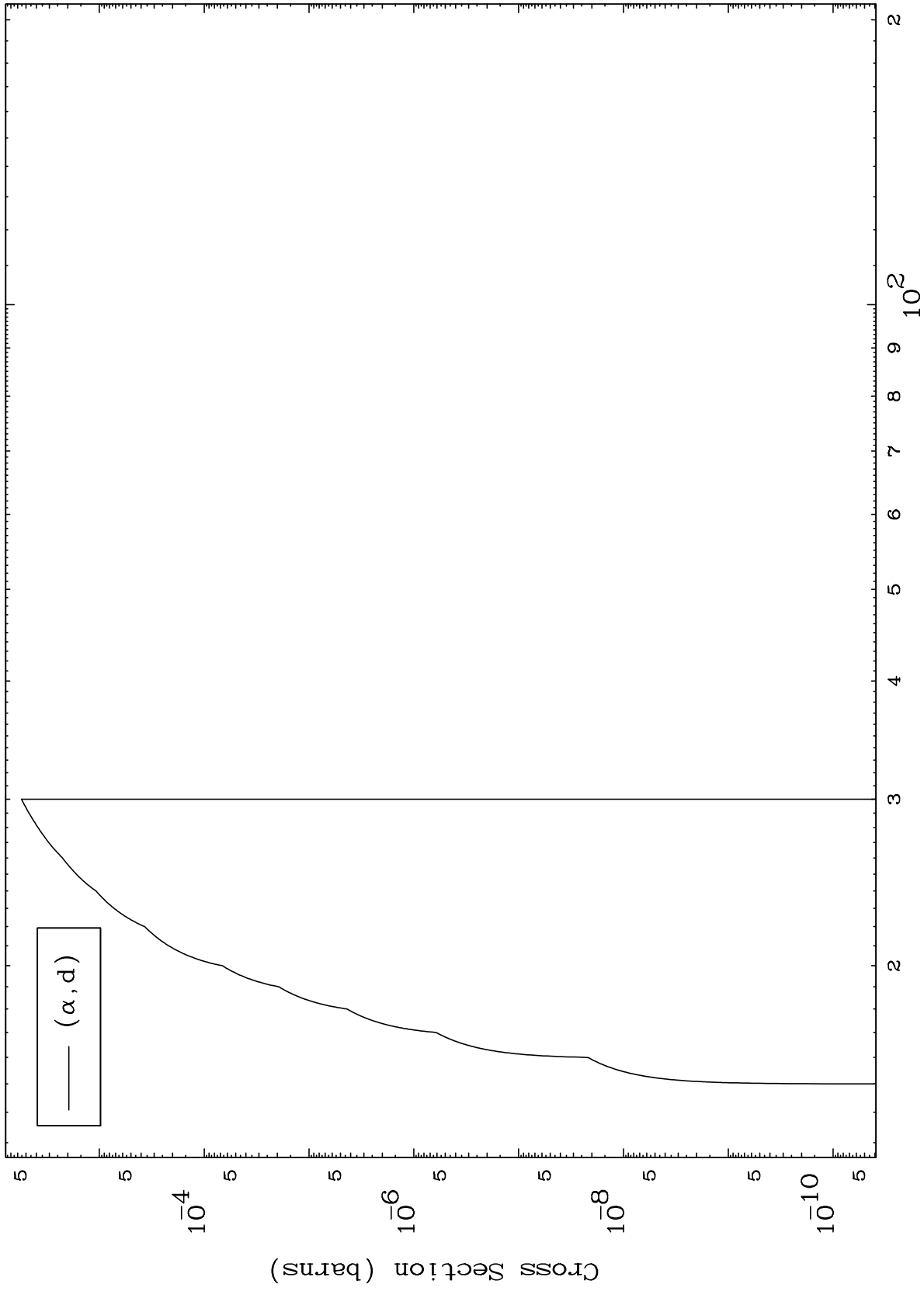
Incident Energy (MeV)

36-Kr-80

MAT 3631

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

<sup>36</sup>Kr-80



7

Incident Energy (MeV)

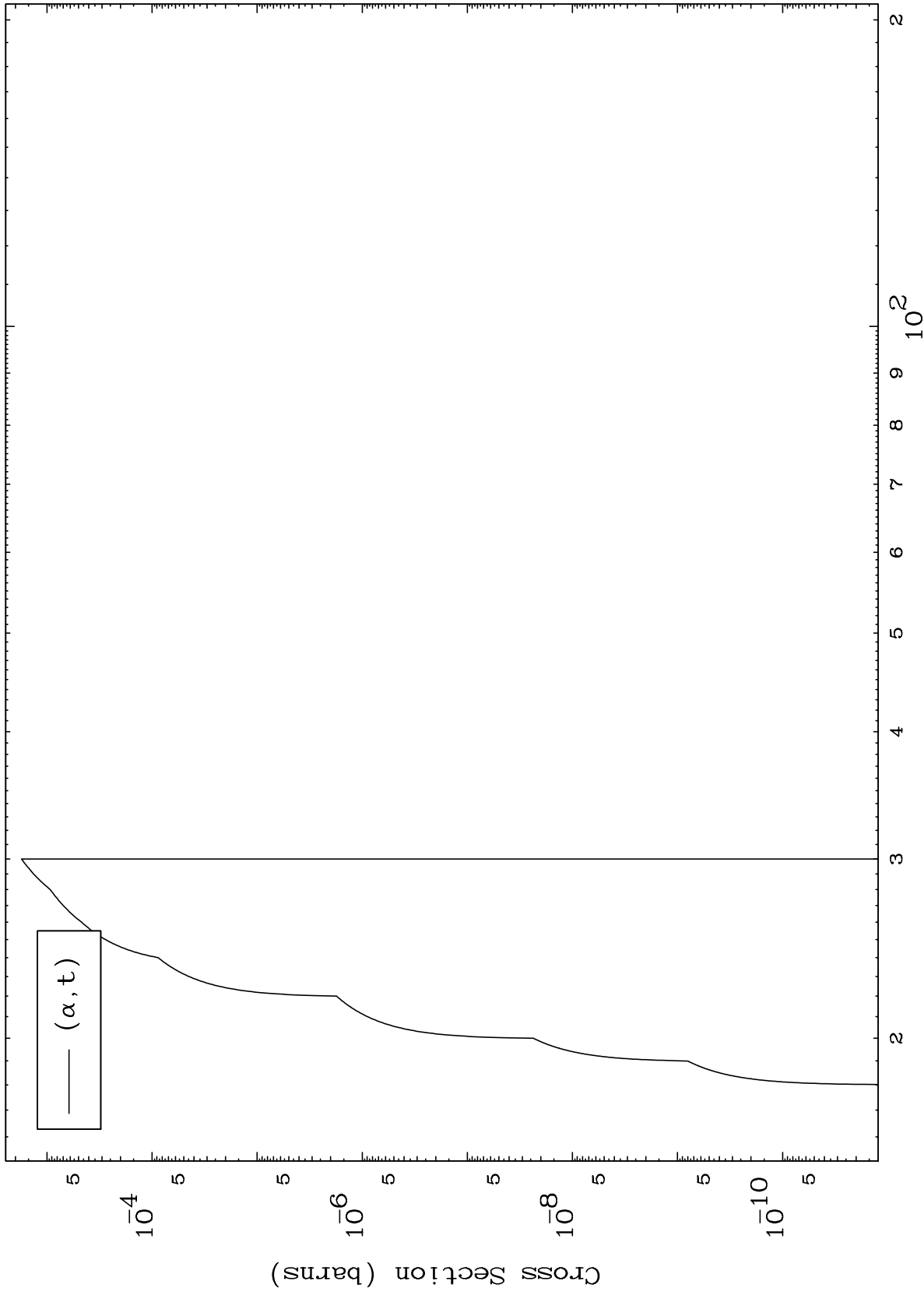
<sup>36</sup>Kr-80



MAT 3631

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

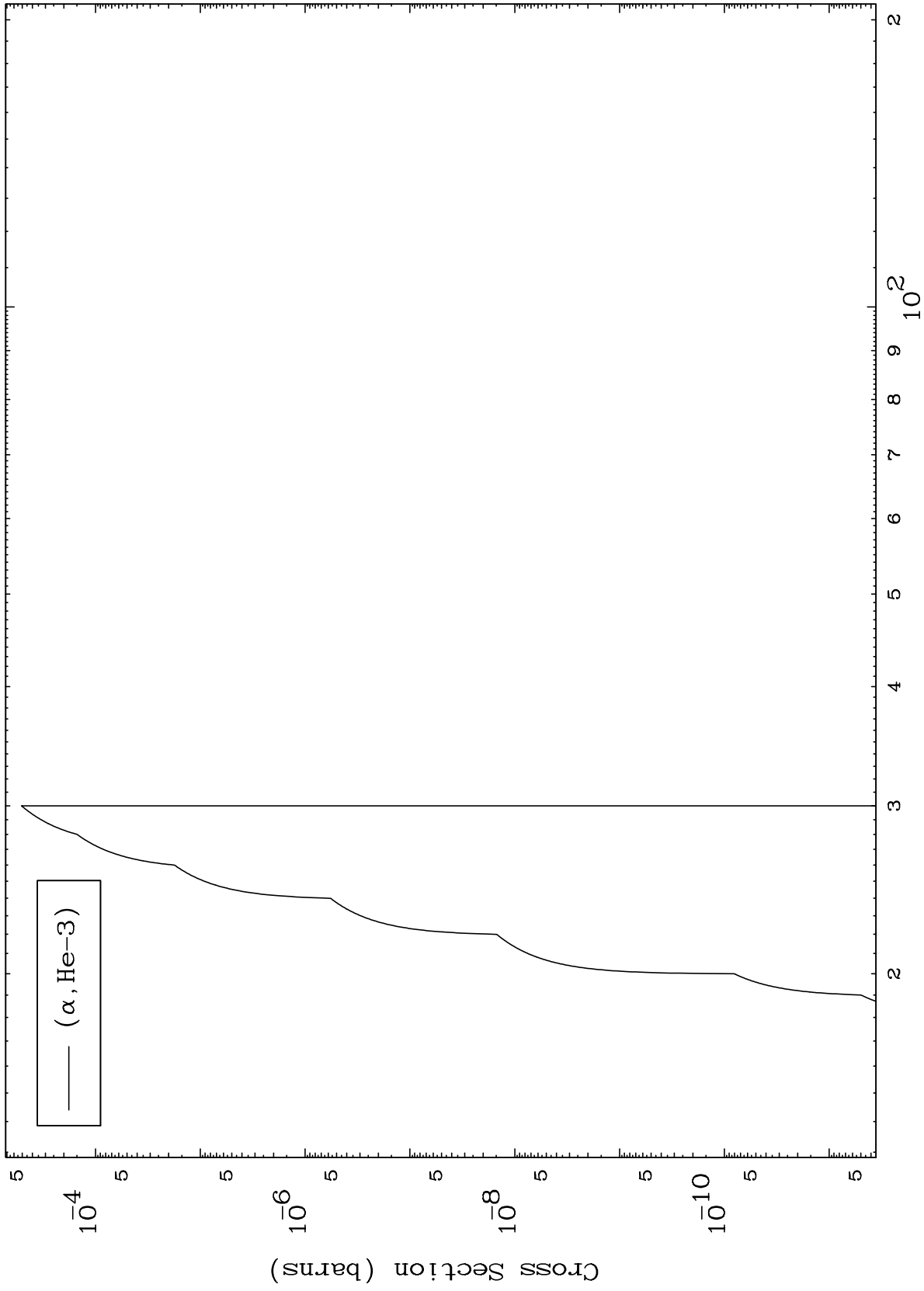
36-Kr-80



8

Incident Energy (MeV)

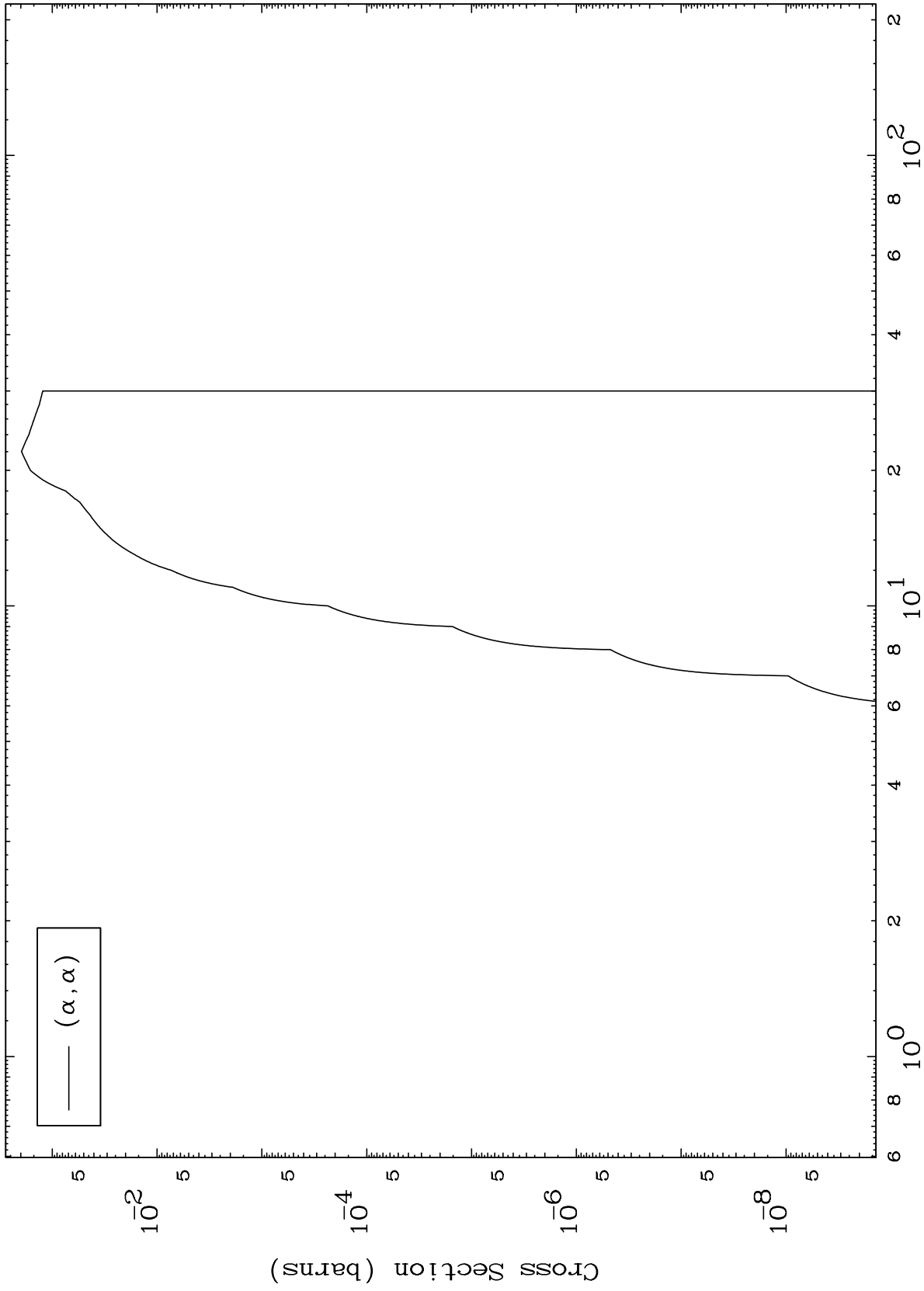
36-Kr-80



MAT 3631

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

36-Kr-80



10

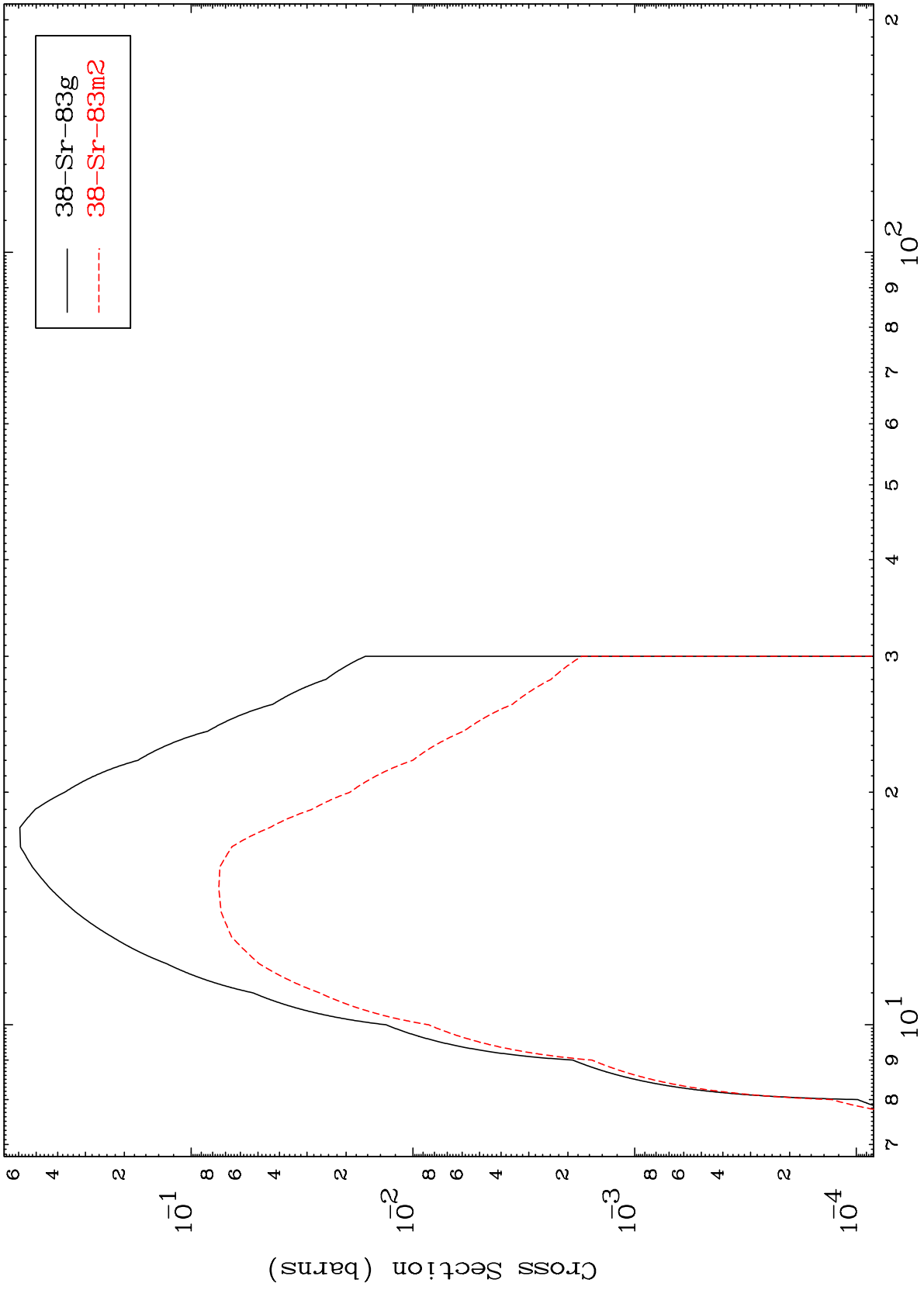
Incident Energy (MeV)

36-Kr-80

MAT 3631

36-Kr-80

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

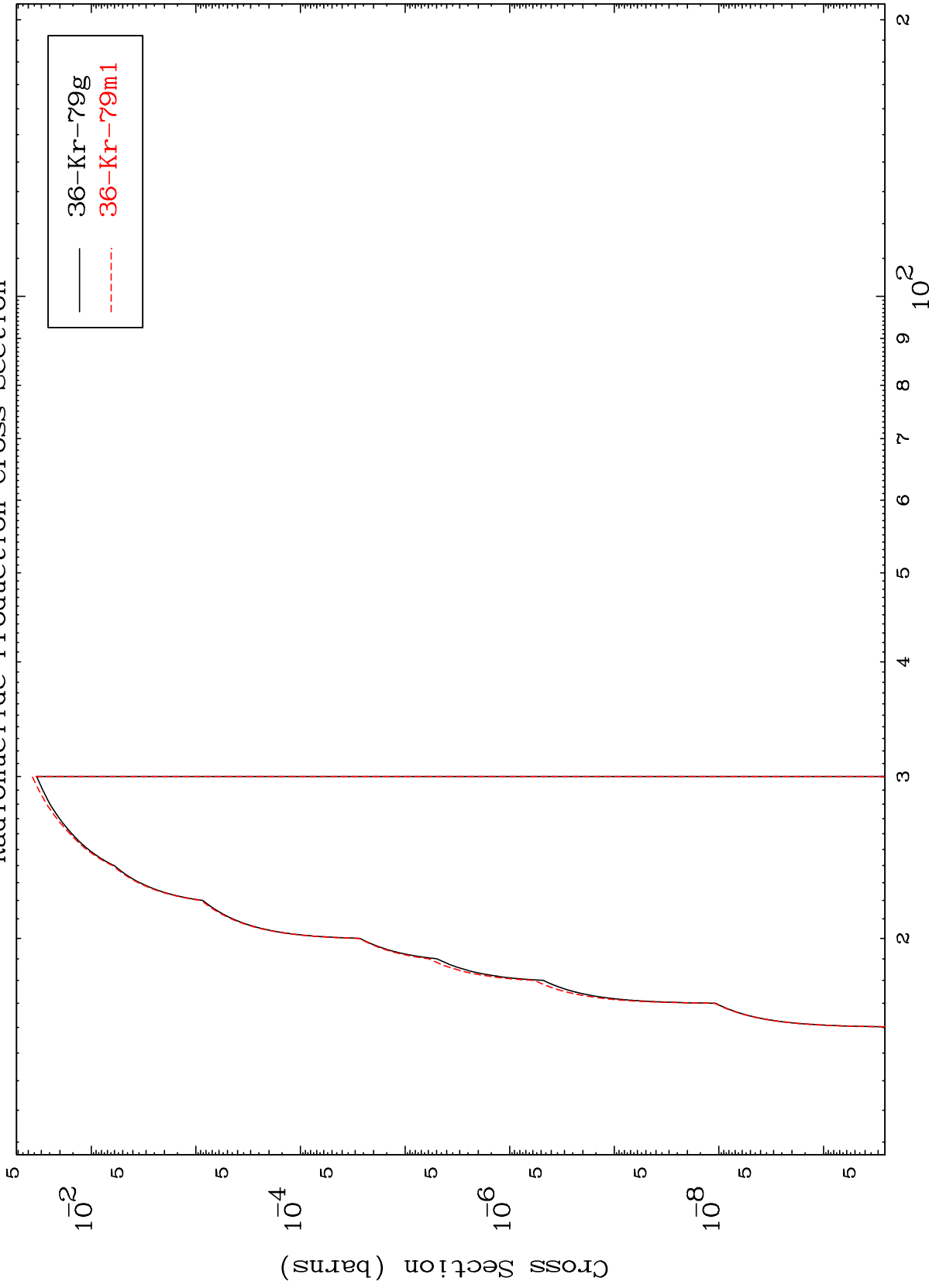
36-Kr-80

MAT 3631

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

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

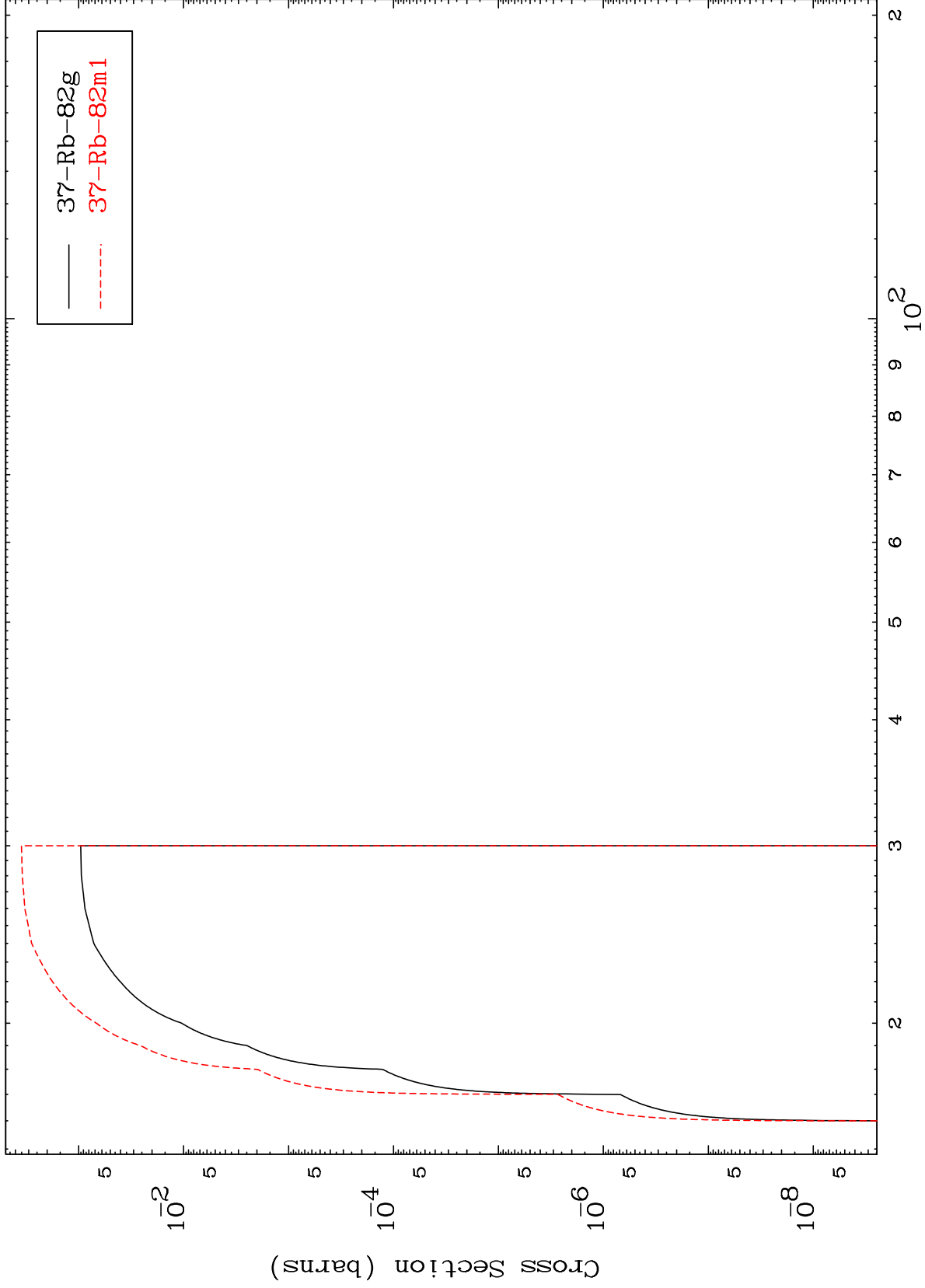
$^{36}\text{Kr-80}$

MAT 3631

( $\alpha, n'$ ) p

36-Kr-80

Radionuclide Production Cross Section



13

Incident Energy (MeV)

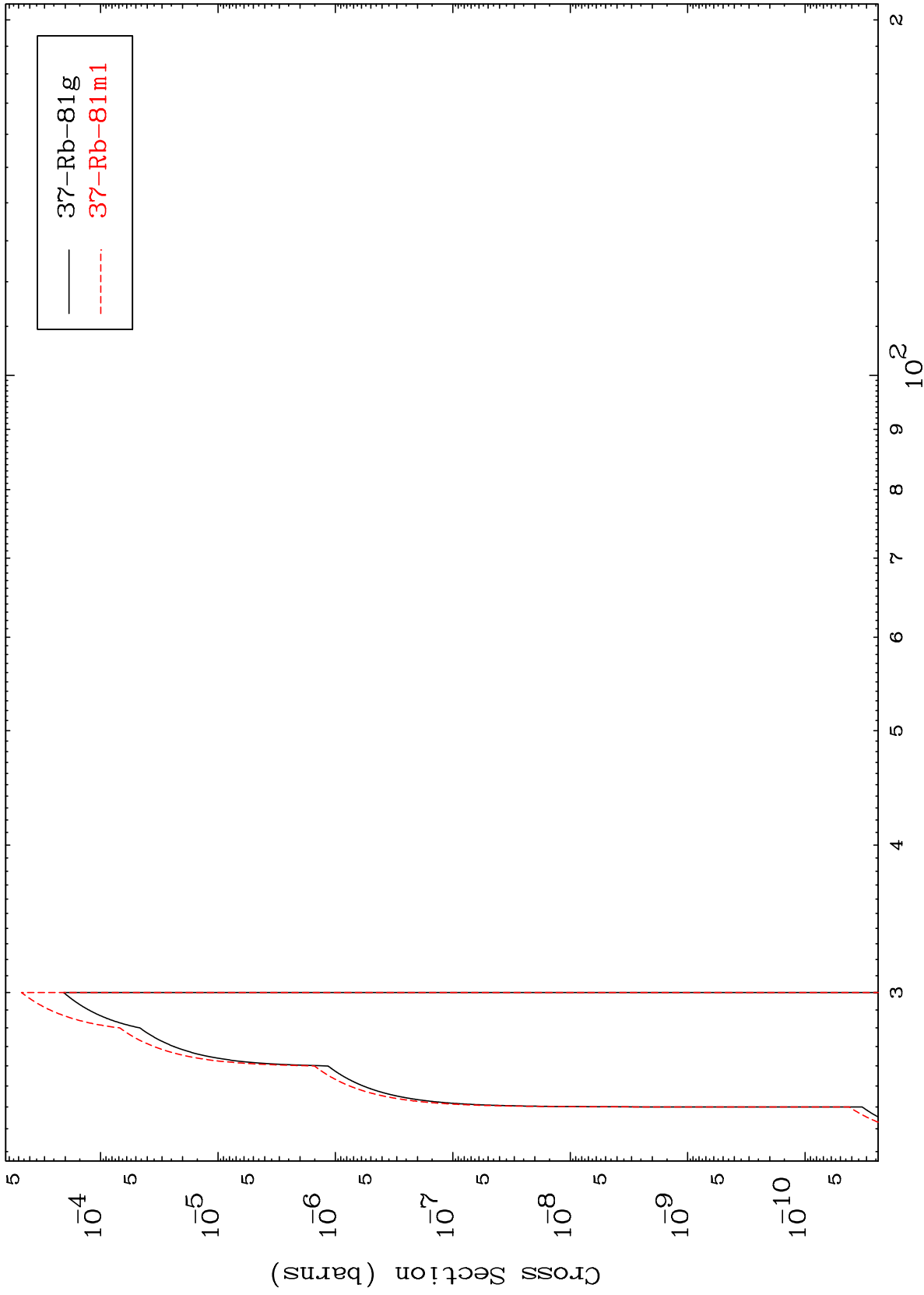
36-Kr-80

MAT 3631

( $\alpha, n'$ ) d

36-Kr-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

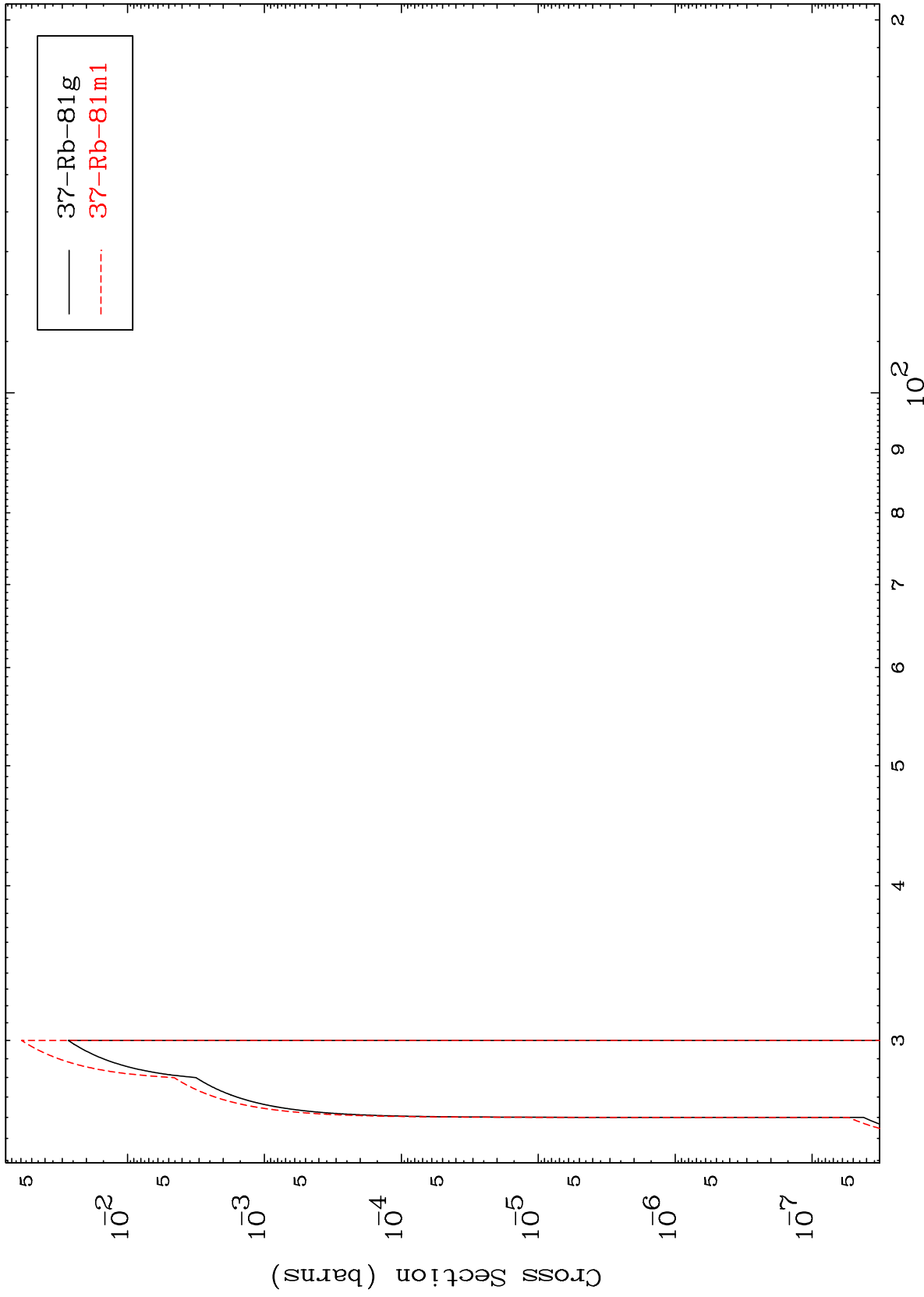
36-Kr-80

MAT 3631

$(\alpha, 2n)$  p

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section



—  $^{37}\text{Rb-81g}$   
- - -  $^{37}\text{Rb-81m1}$

15

Incident Energy (MeV)

$^{36}\text{Kr-80}$

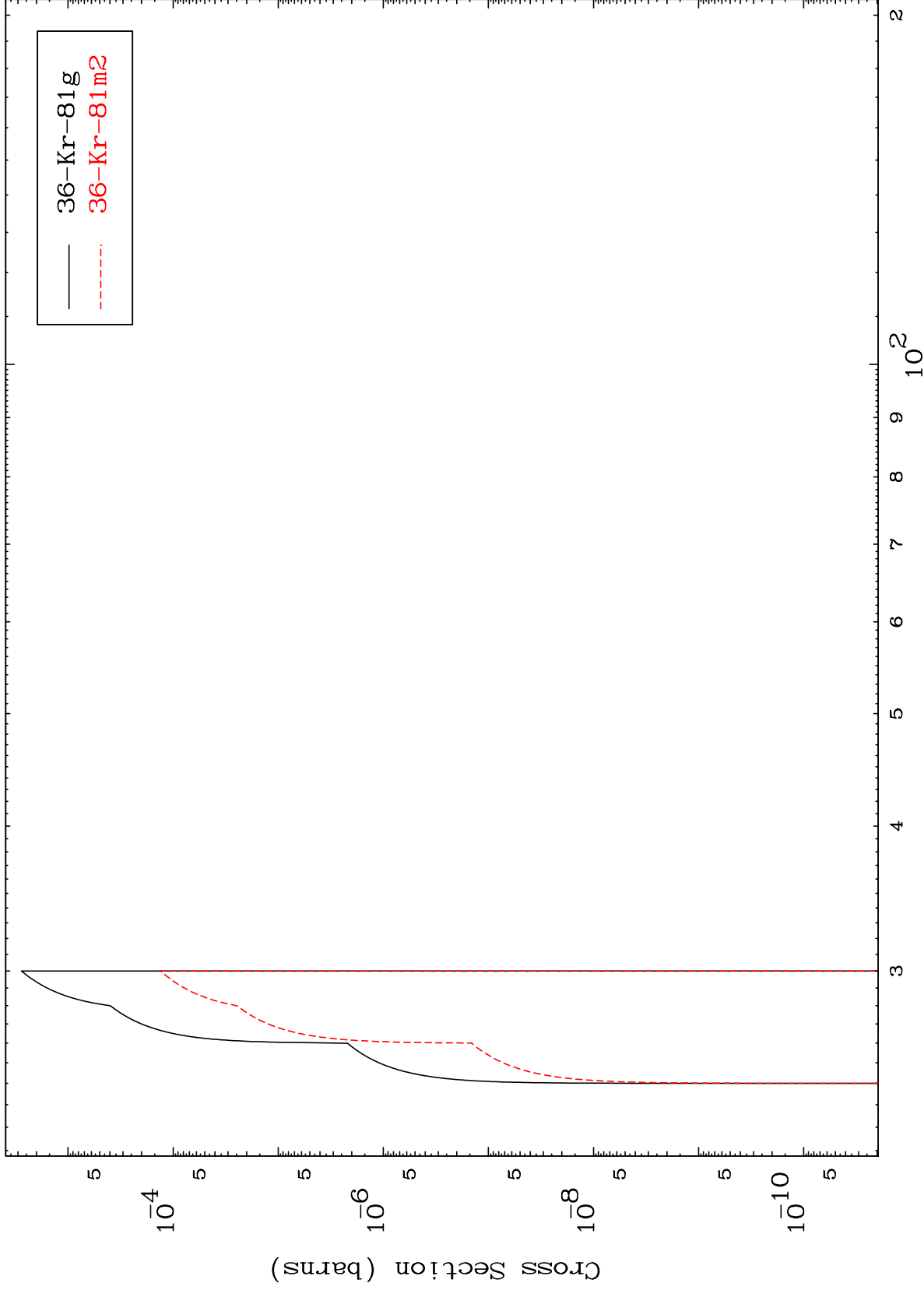


MAT 3631

( $\alpha, 2n$ ) p

<sup>36</sup>Kr-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

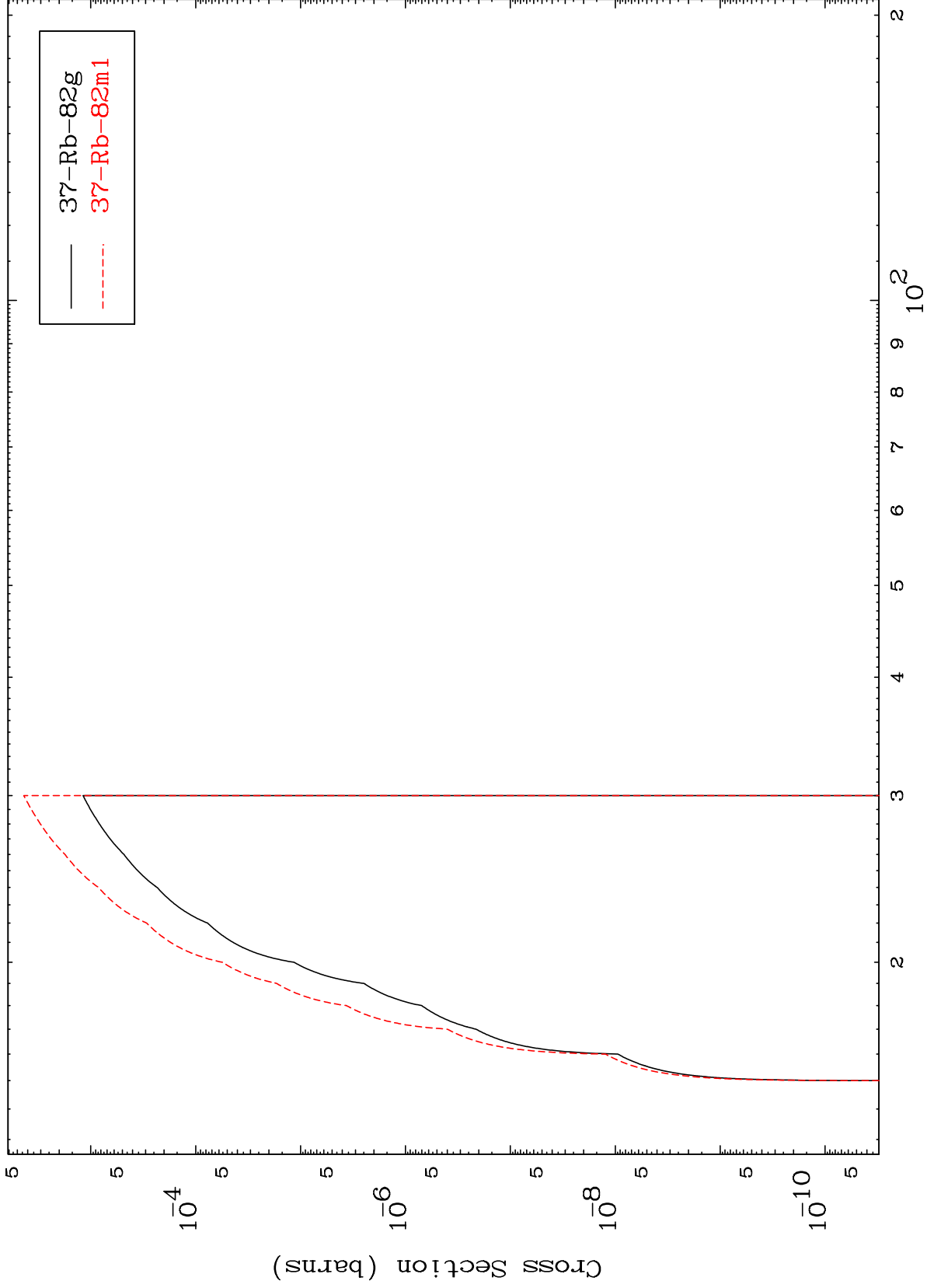
<sup>36</sup>Kr-80

MAT 3631

( $\alpha, d$ )

36-Kr-80

Radionuclide Production Cross Section



17

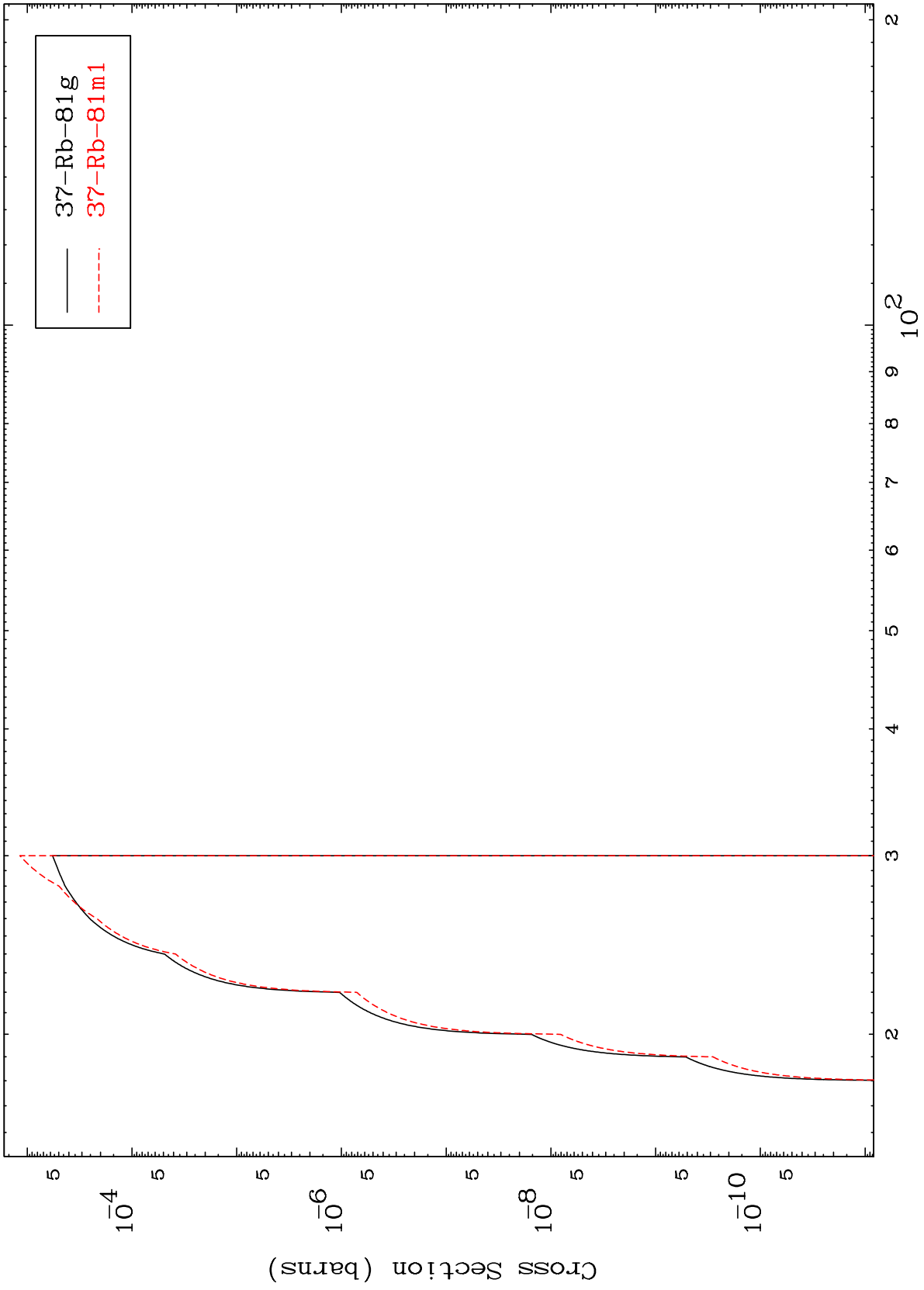
Incident Energy (MeV)

36-Kr-80

MAT 3631

<sup>36</sup>Kr-80

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



18

Incident Energy (MeV)

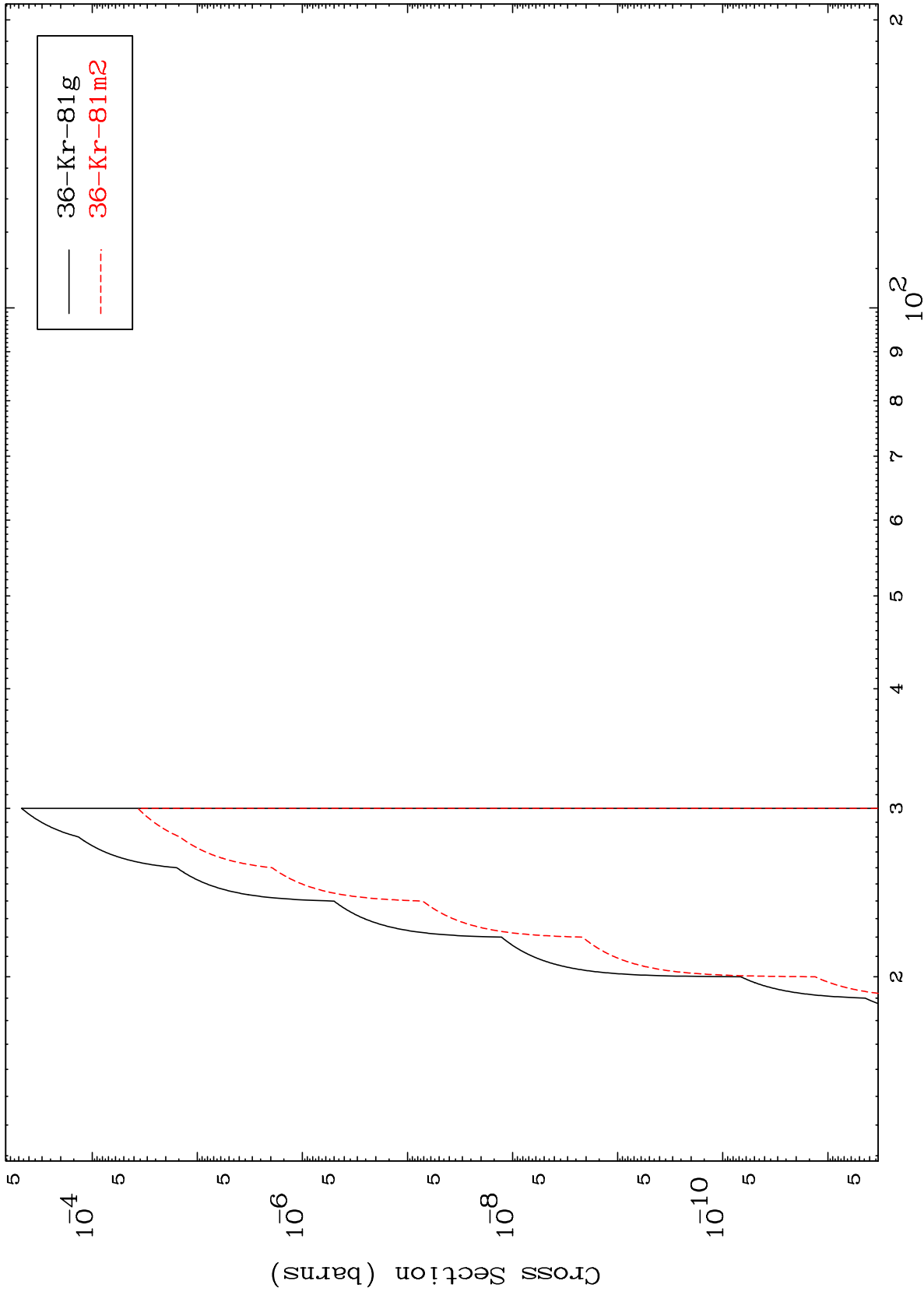
<sup>36</sup>Kr-80

MAT 3631

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

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

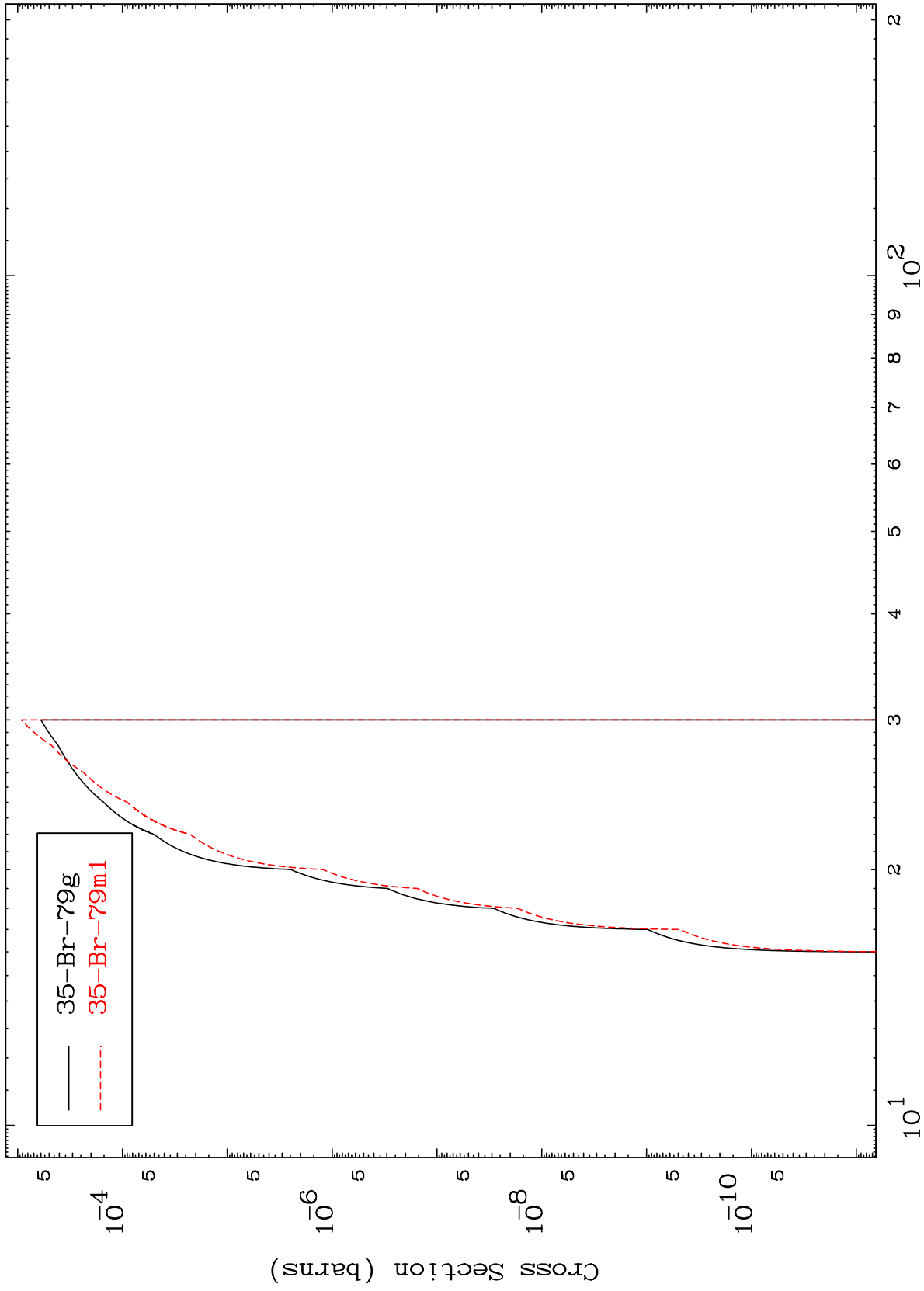
$^{36}\text{Kr-80}$

MAT 3631

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

$^{36}\text{Kr-80}$

Radionuclide Production Cross Section

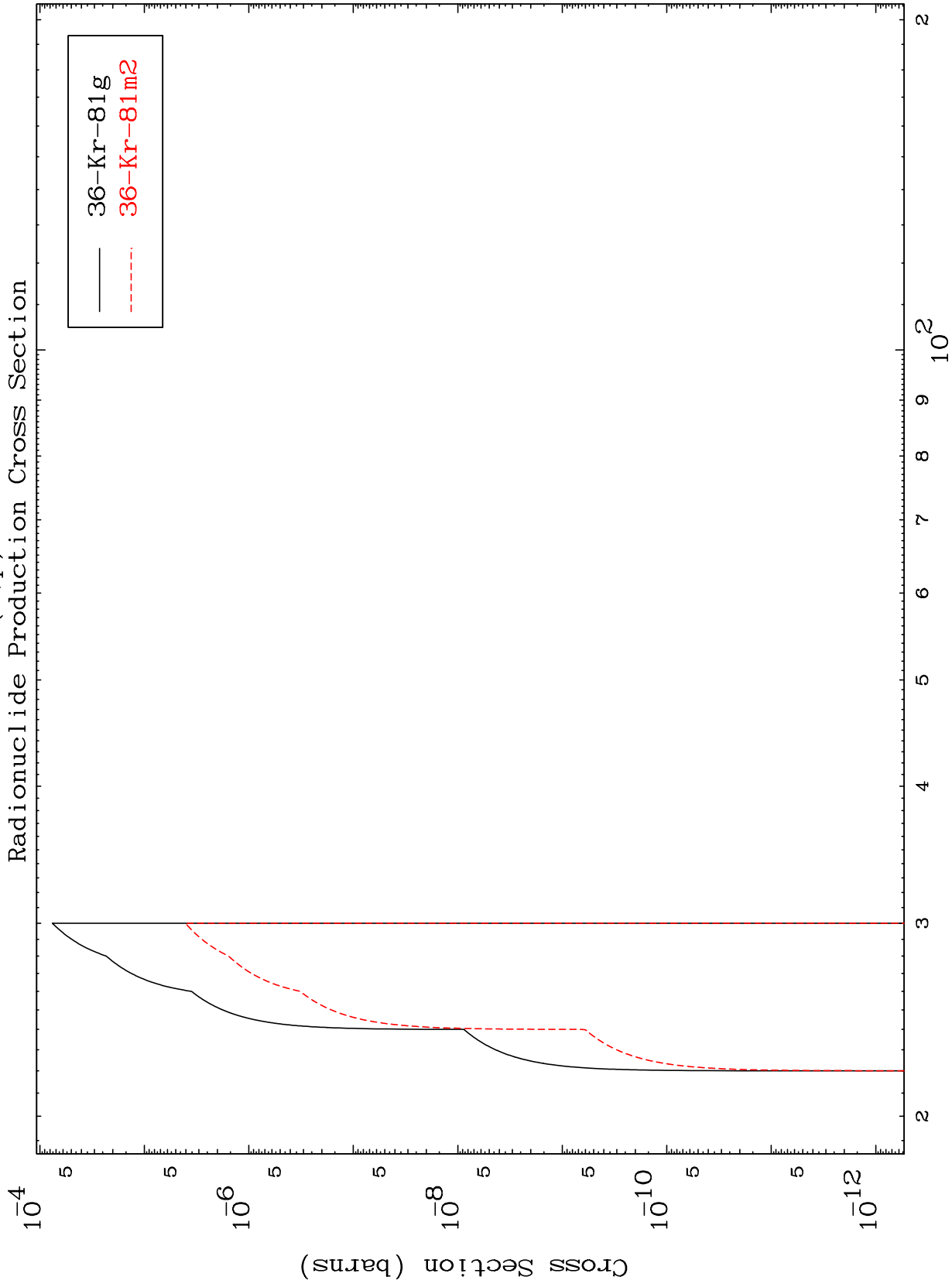


35-Br-79g  
35-Br-79m1

MAT 3631

( $\alpha, p$ ) d

<sup>36</sup>Kr-80



21

Incident Energy (MeV)

<sup>36</sup>Kr-80