

Program EVALPLOT  
(Version 2018-1)

by

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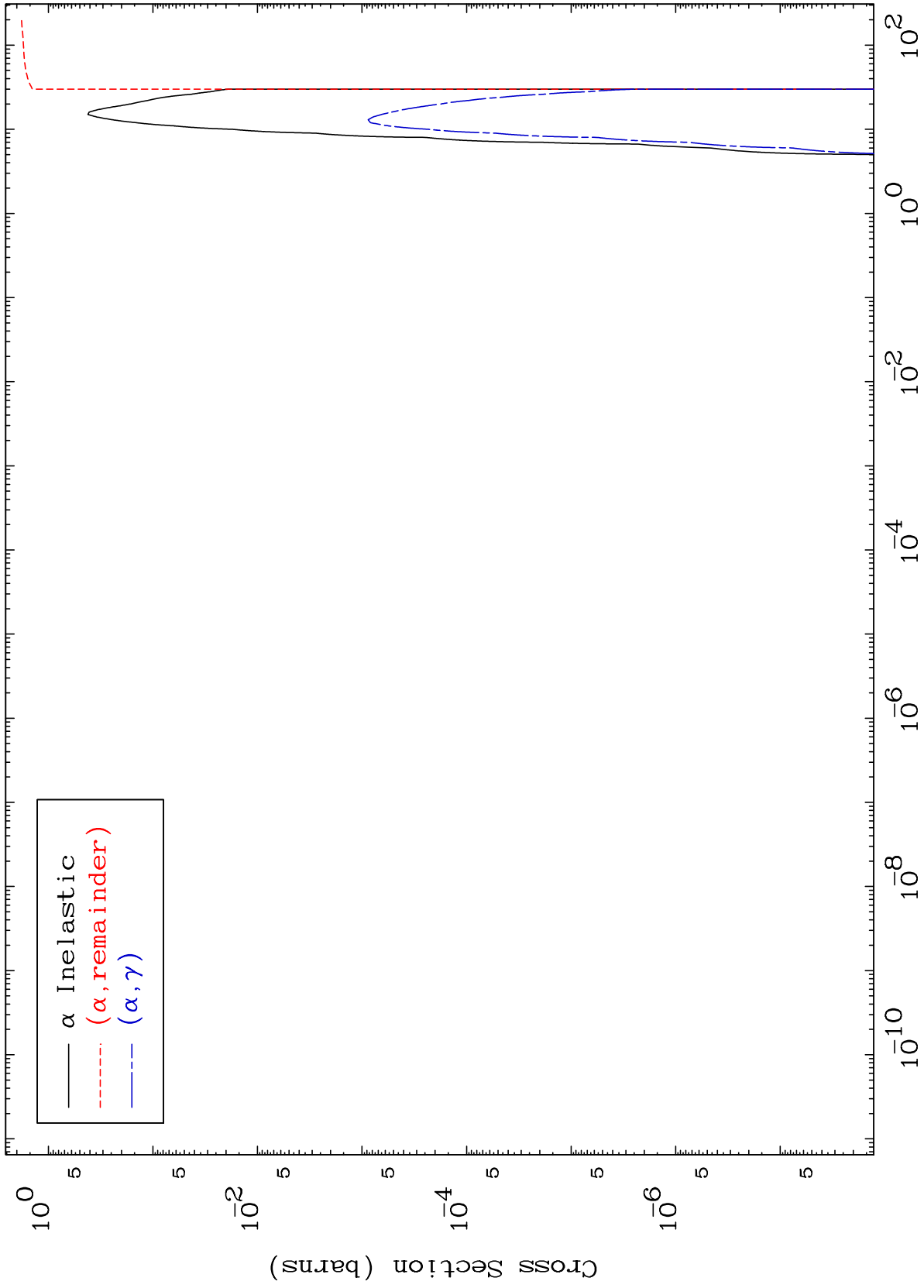
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3629

0 Kelvin  $\alpha$  Major  
Cross Sections

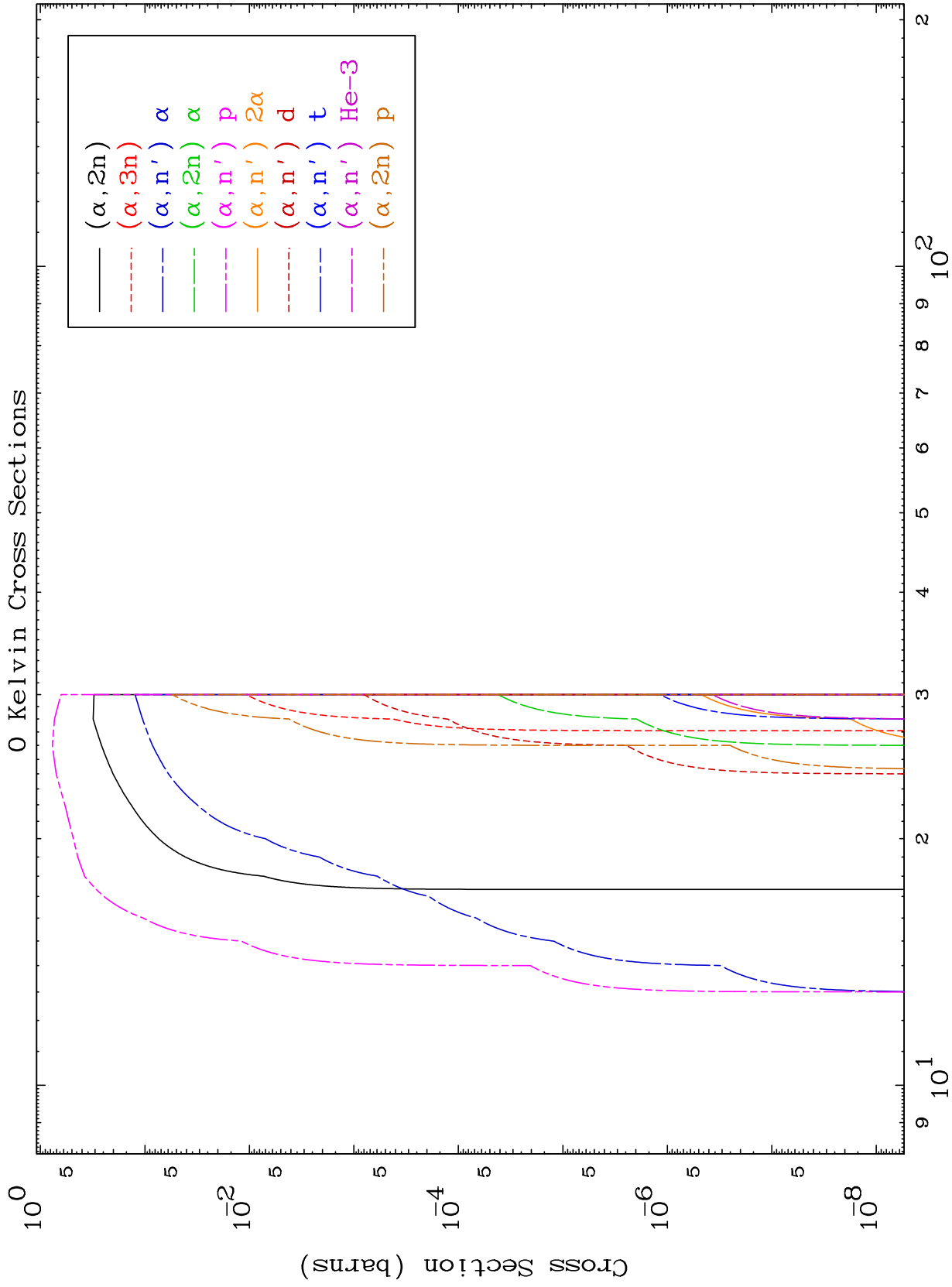
36-Kr-79



MAT 3629

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

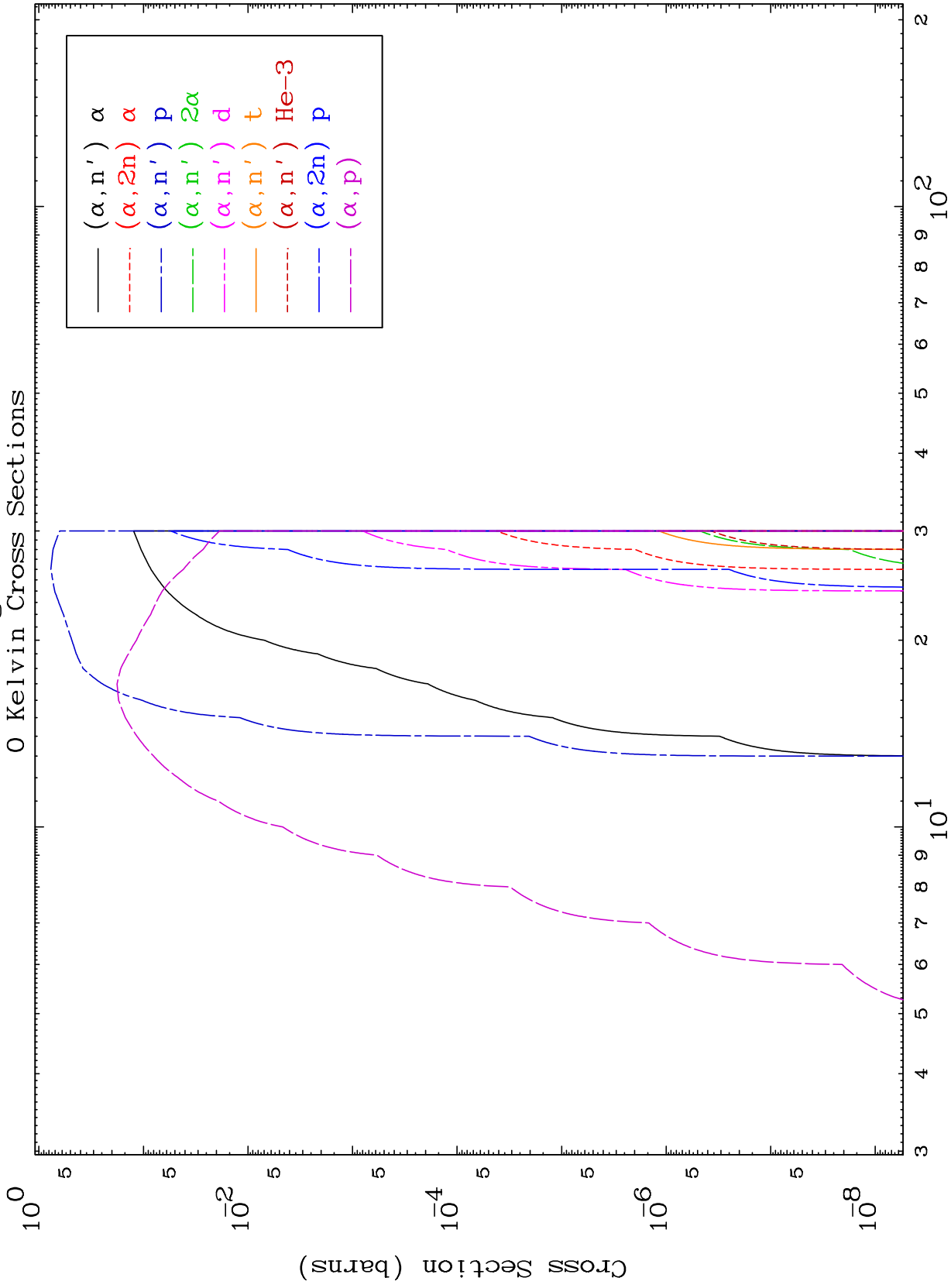
36-Kr-79

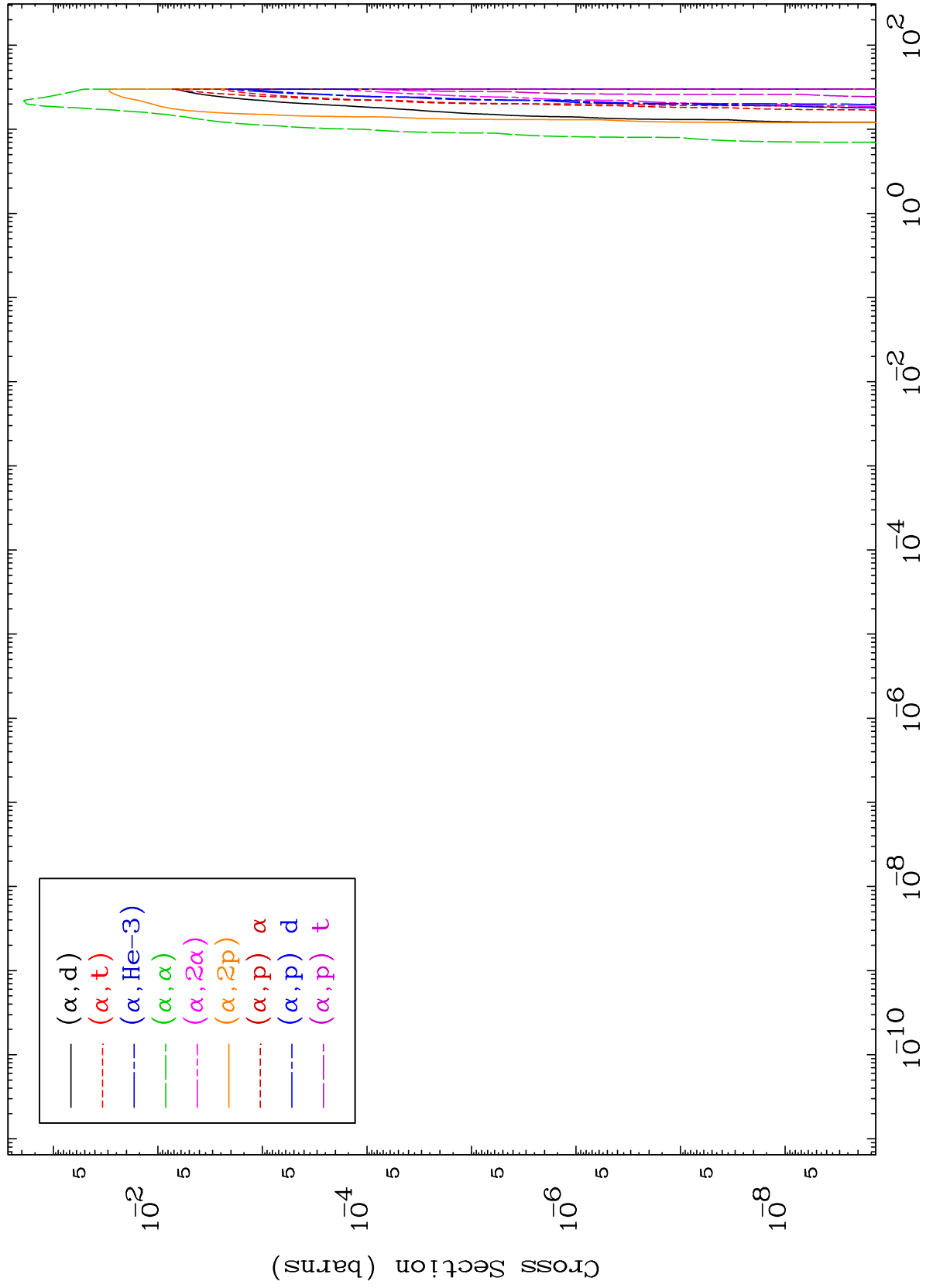


2

Incident Energy (MeV)

36-Kr-79

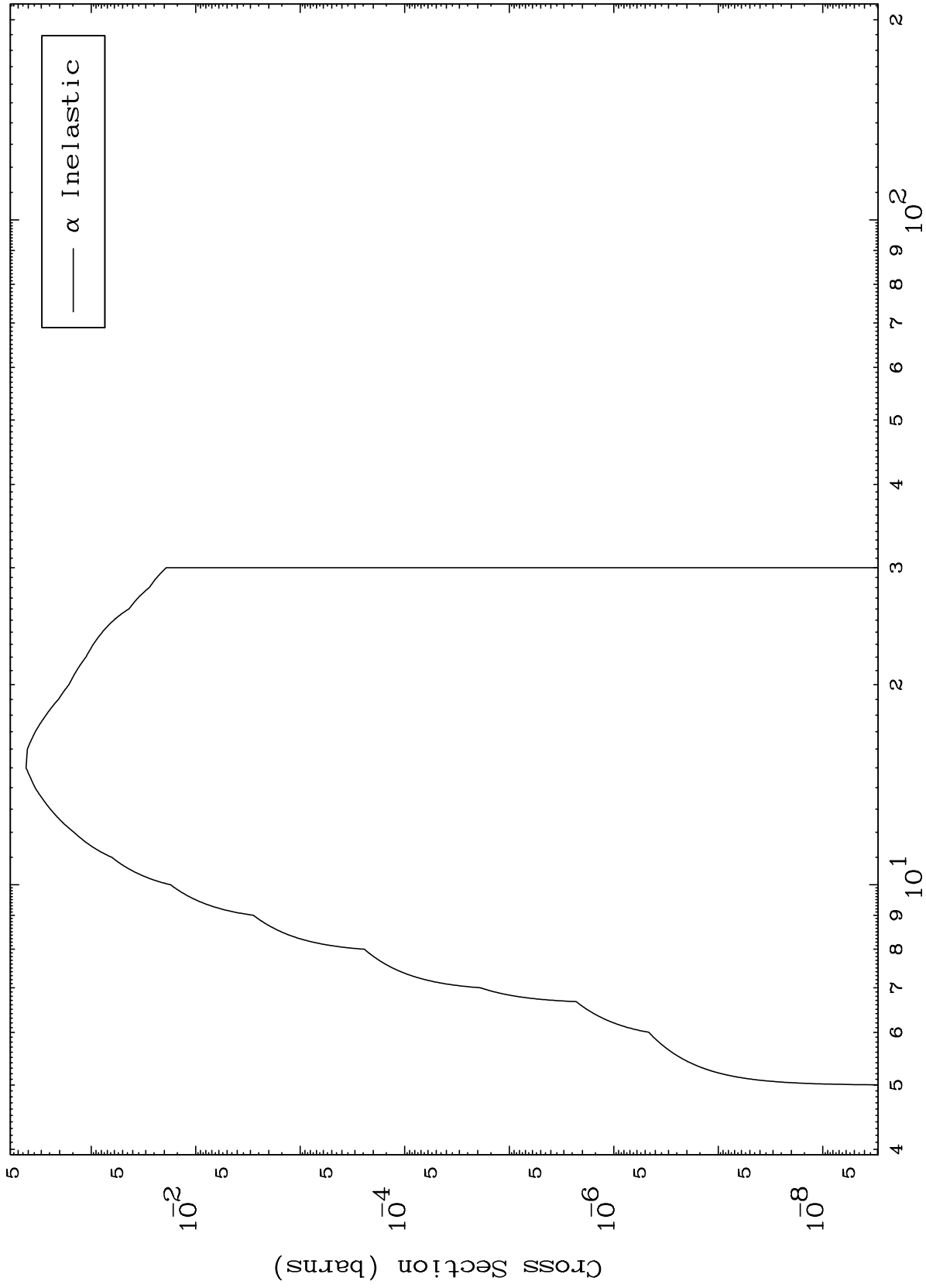




MAT 3629

36-Kr-79

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



5

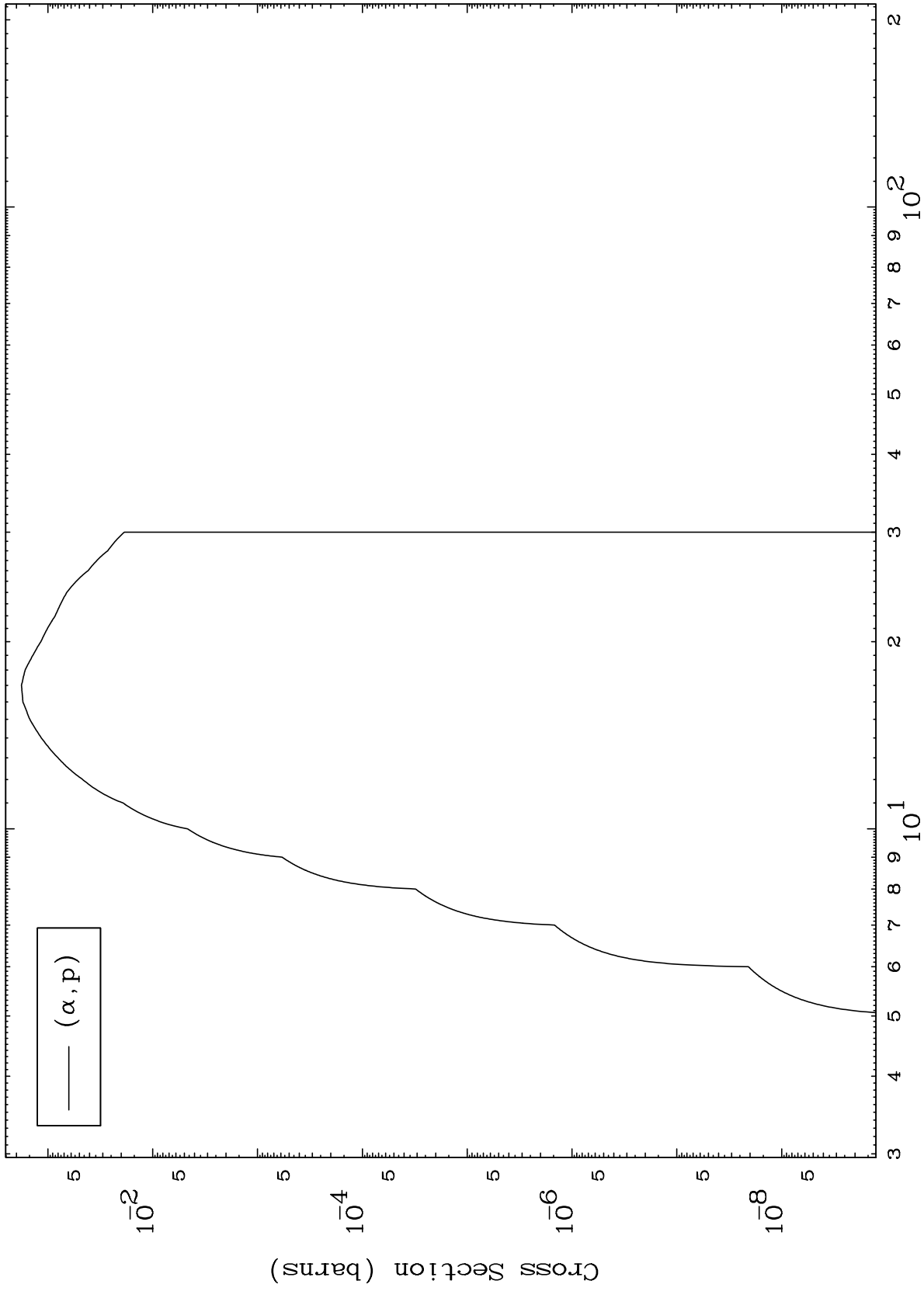
Incident Energy (MeV)

36-Kr-79

MAT 3629

36-Kr-79

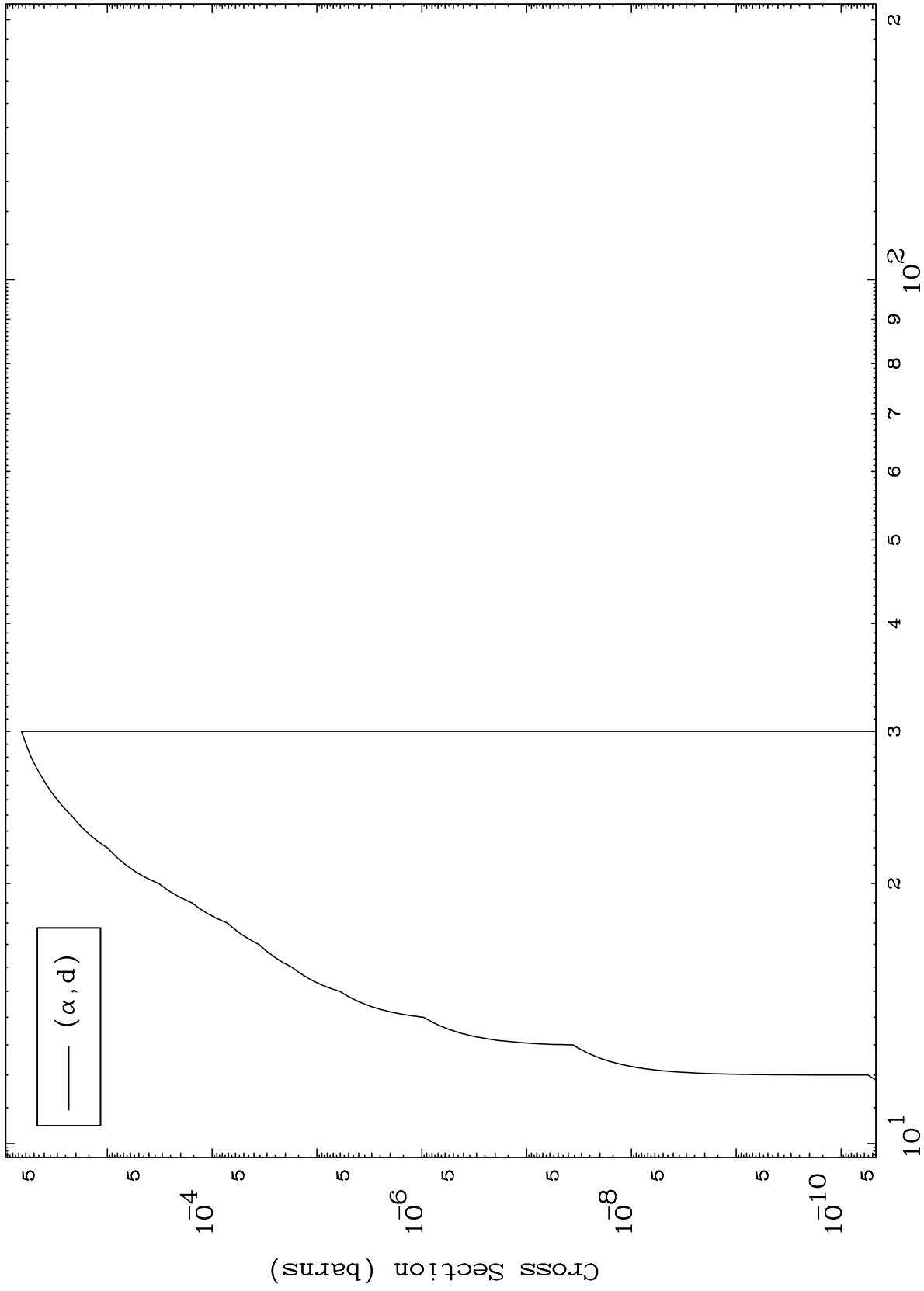
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



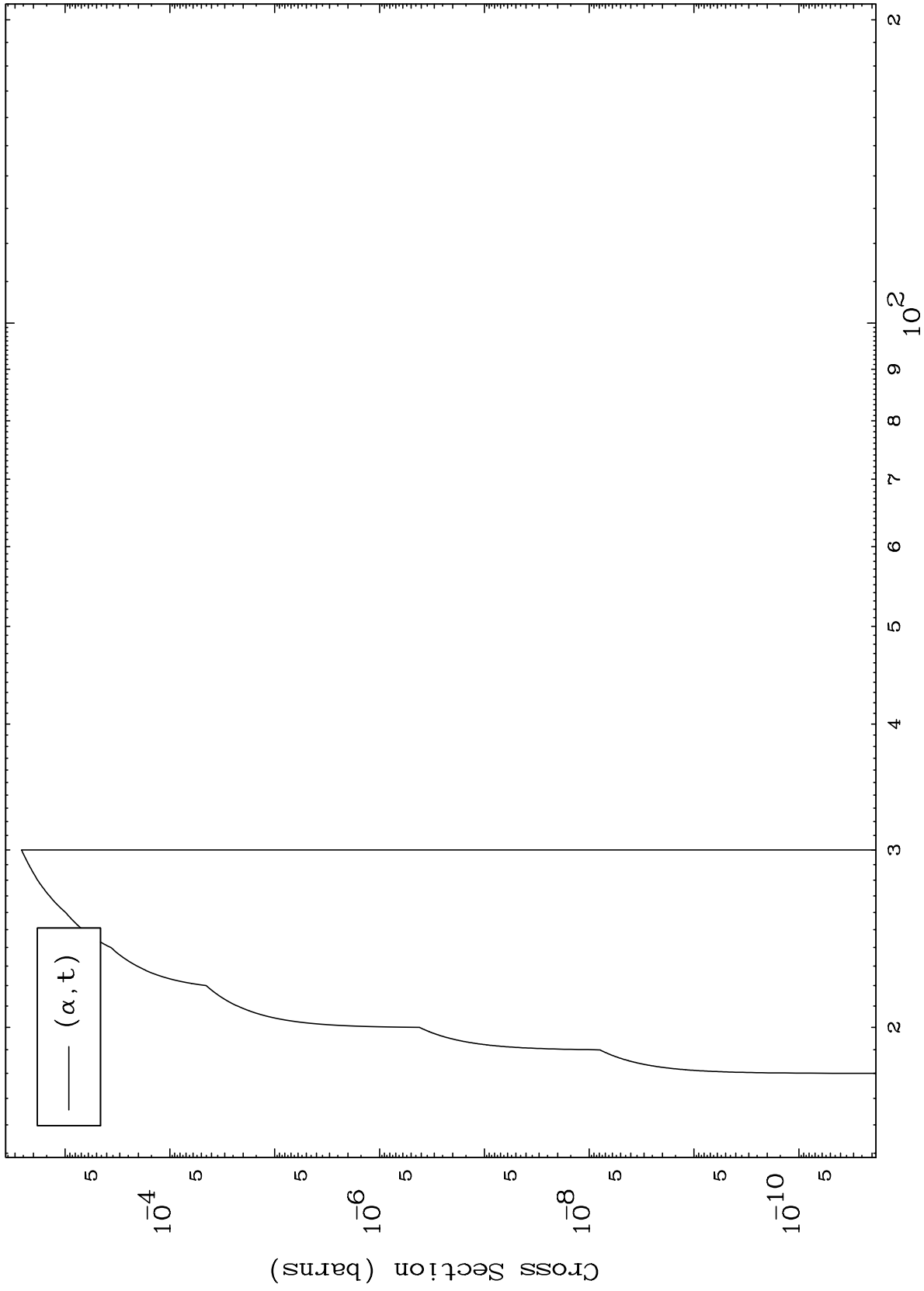
6

Incident Energy (MeV)

36-Kr-79



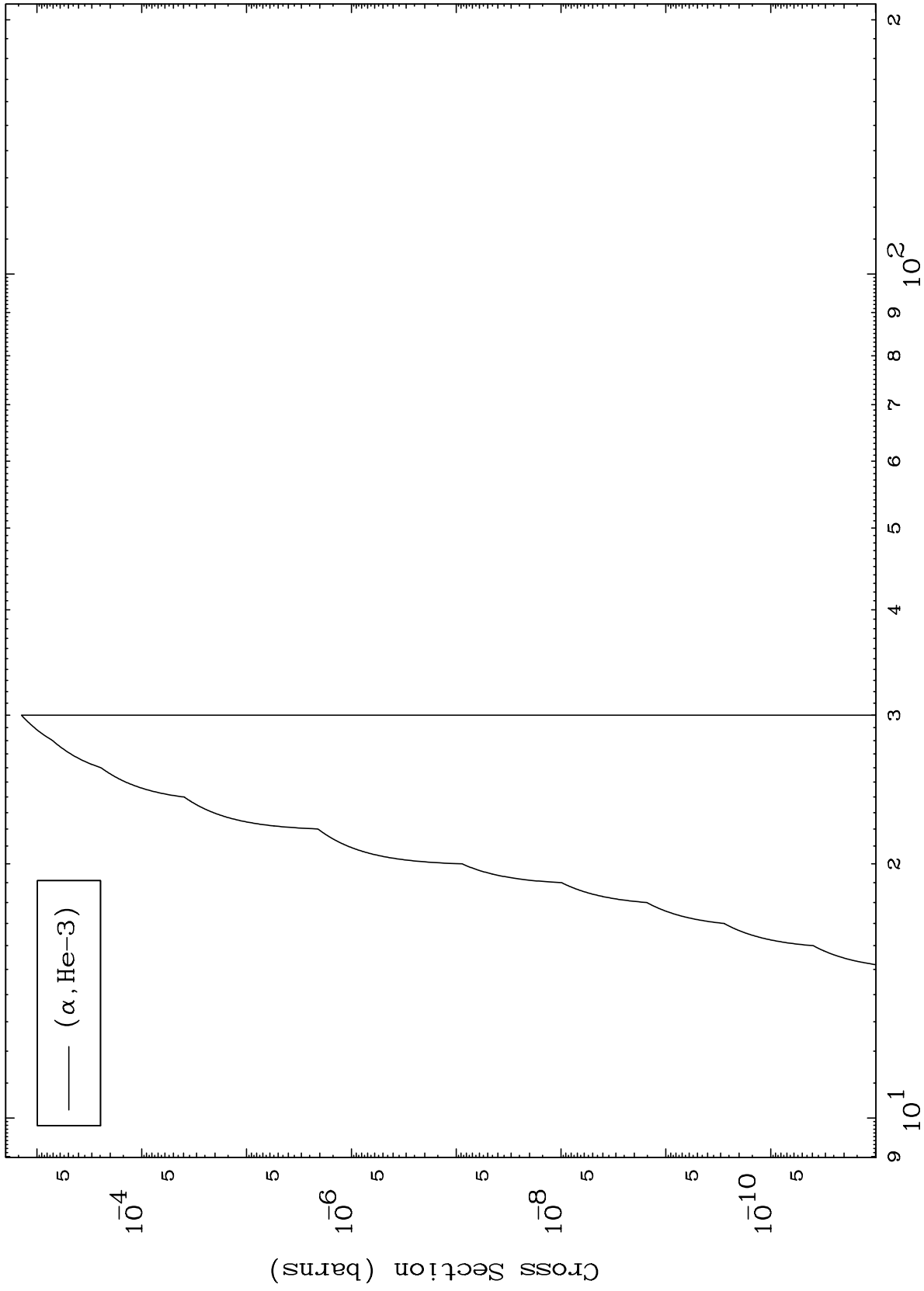




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( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

36-Kr-79



9

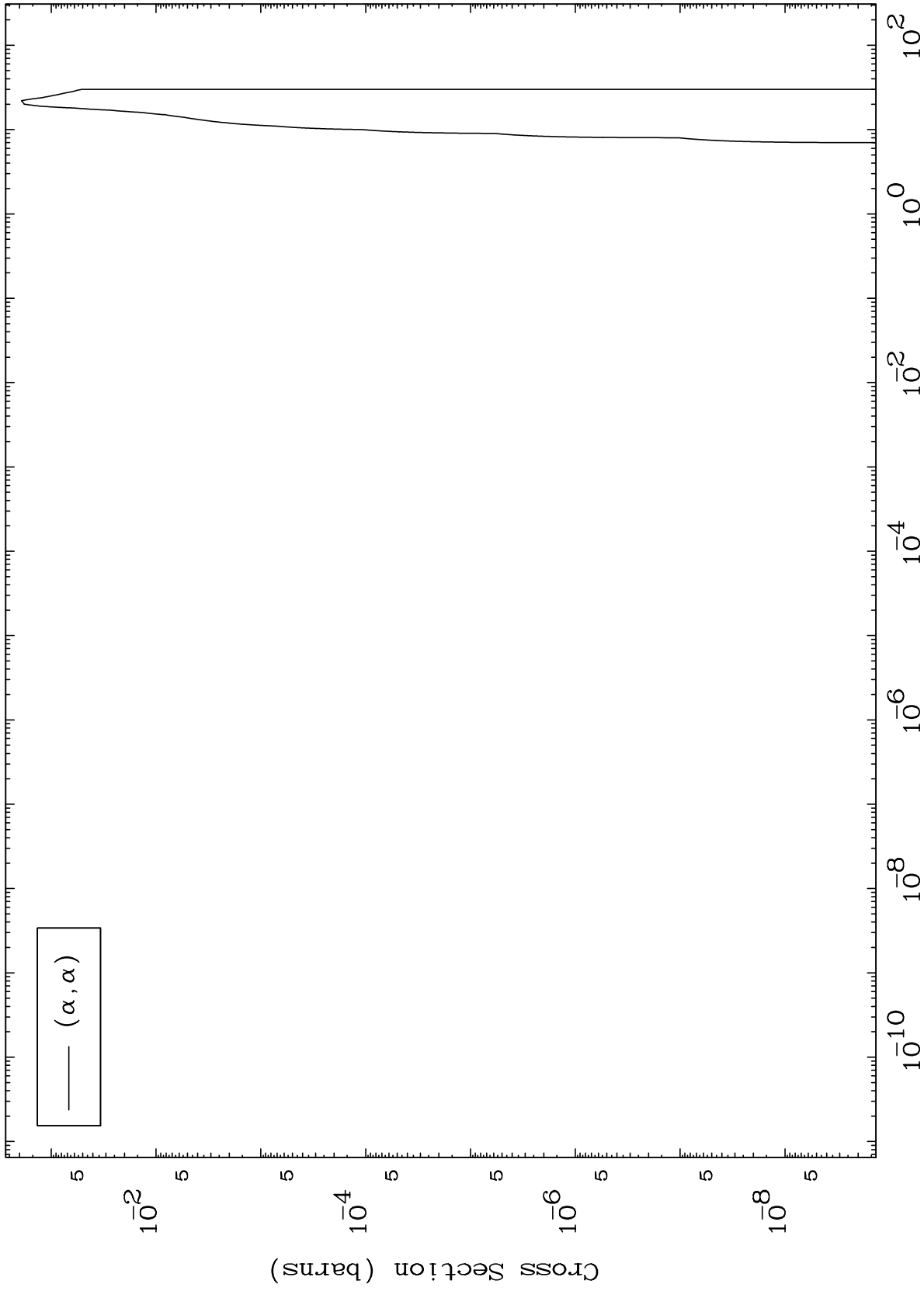
Incident Energy (MeV)

36-Kr-79

MAT 3629

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

36-Kr-79

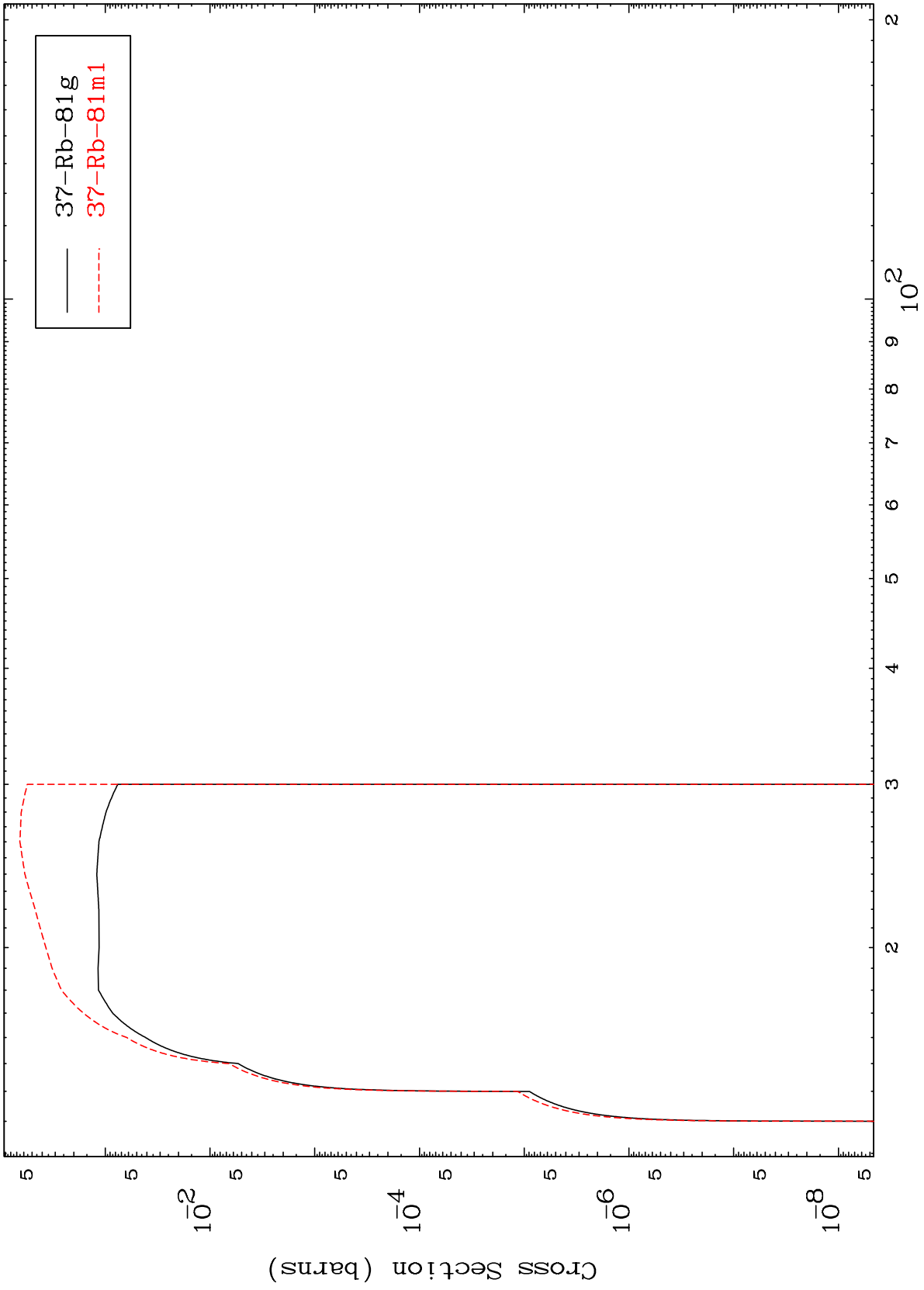


10

Incident Energy (MeV)

36-Kr-79

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

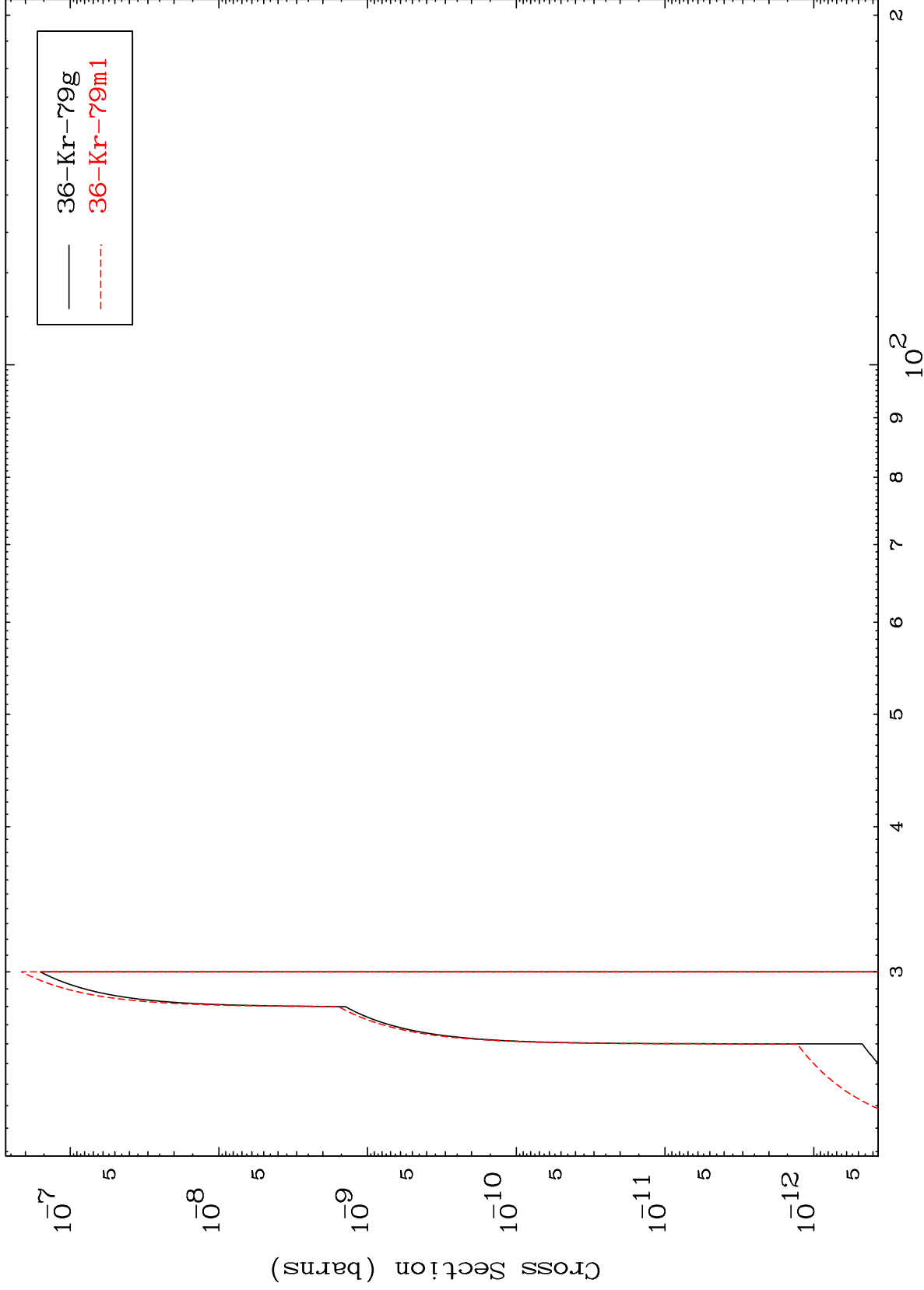


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( $\alpha, n'$ ) He-3

<sup>36</sup>Kr-79

Radionuclide Production Cross Section



12

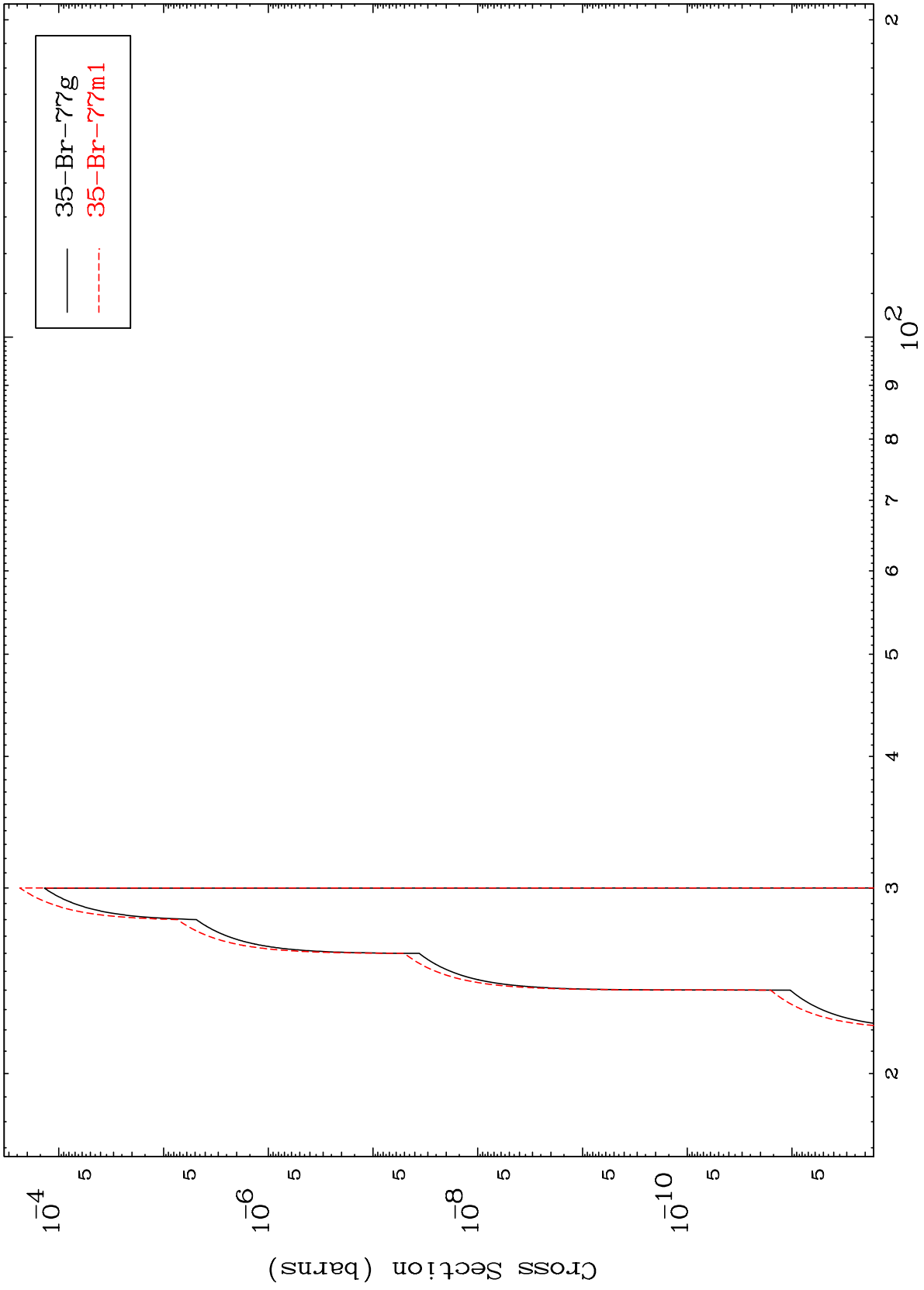
Incident Energy (MeV)

<sup>36</sup>Kr-79

MAT 3629

36-Kr-79

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



13

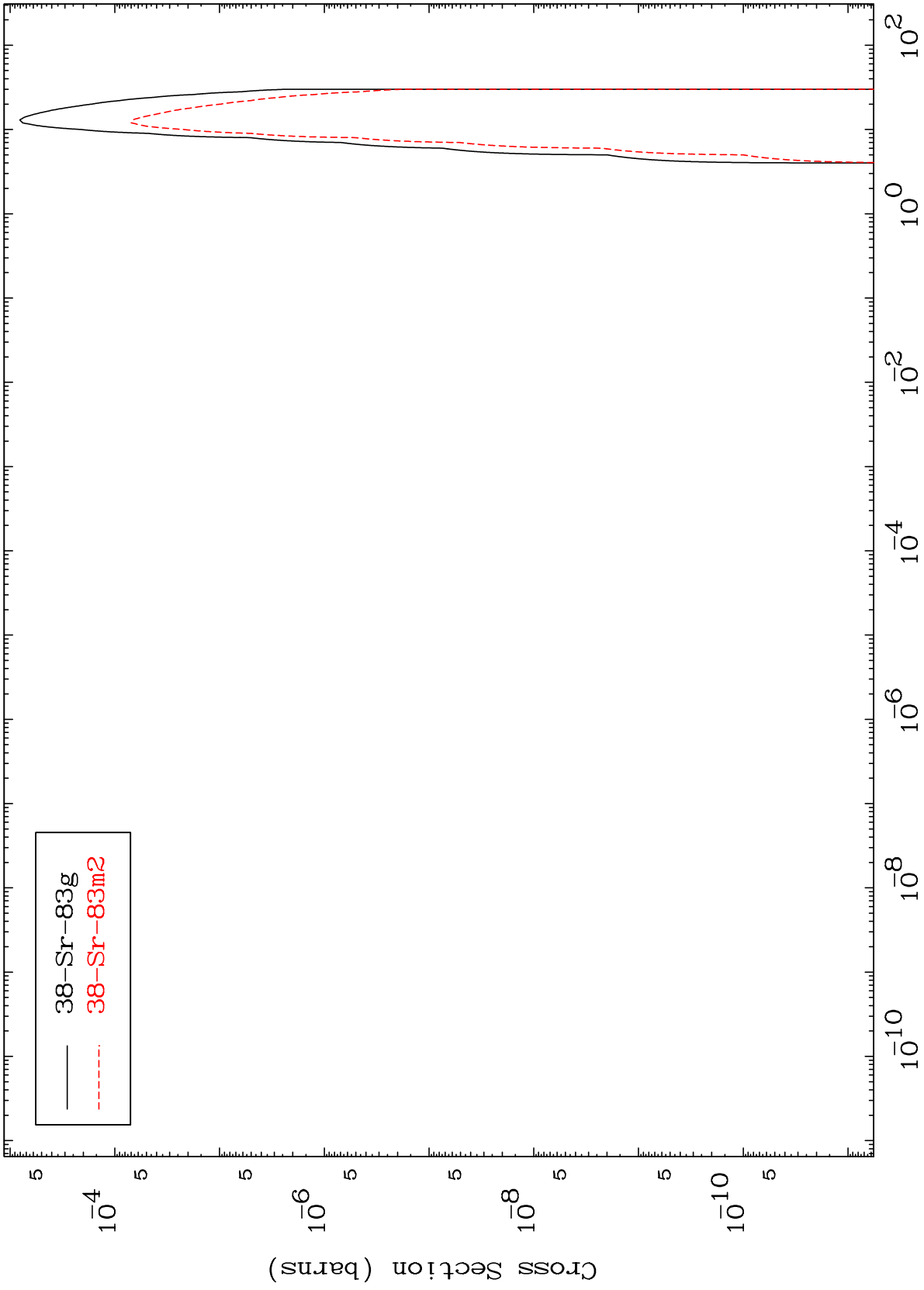
Incident Energy (MeV)

36-Kr-79

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

<sup>36</sup>Kr-79



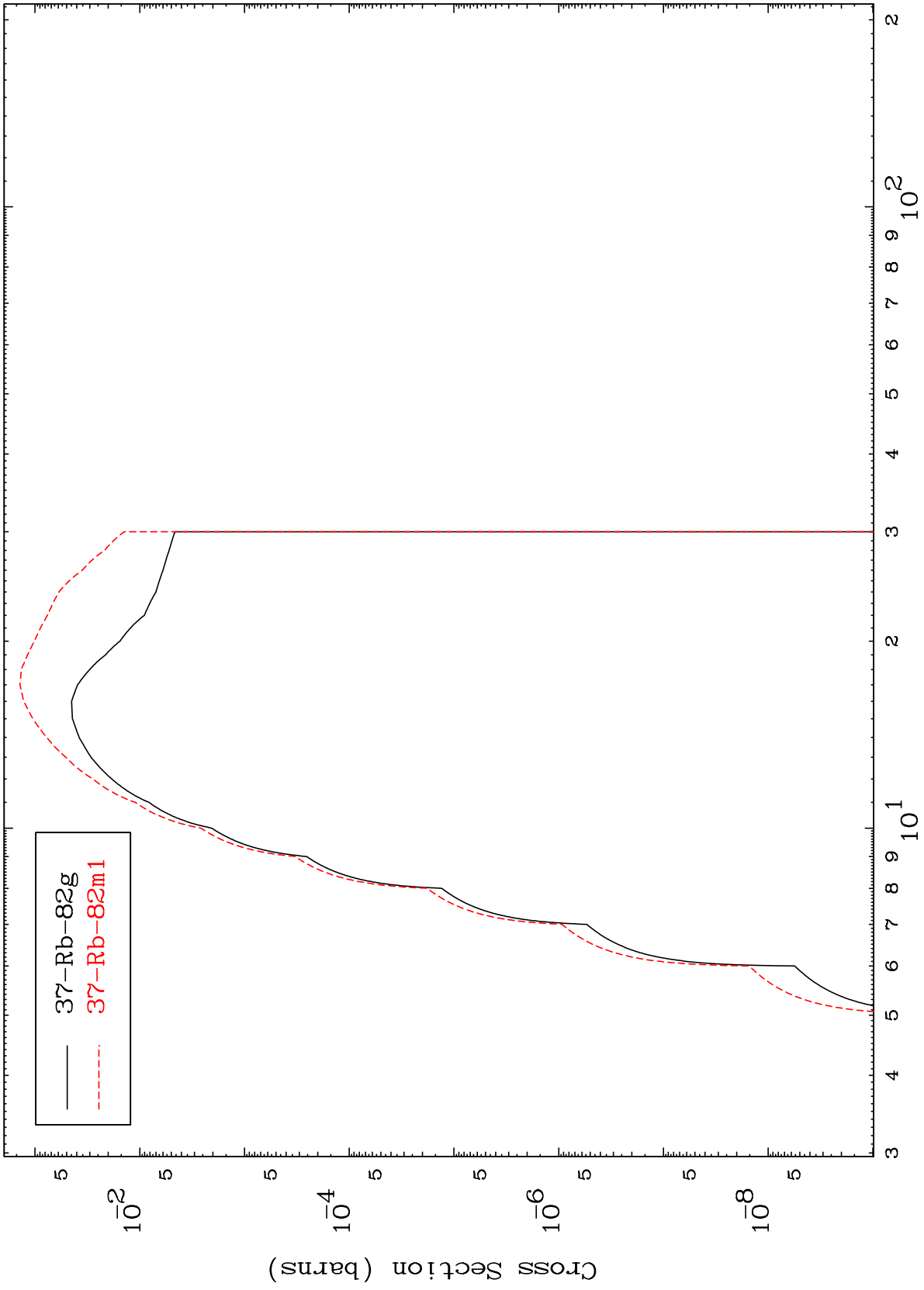
— 38-Sr-83g  
- - - 38-Sr-83m2

<sup>36</sup>Kr-79

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36-Kr-79

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



15

Incident Energy (MeV)

36-Kr-79

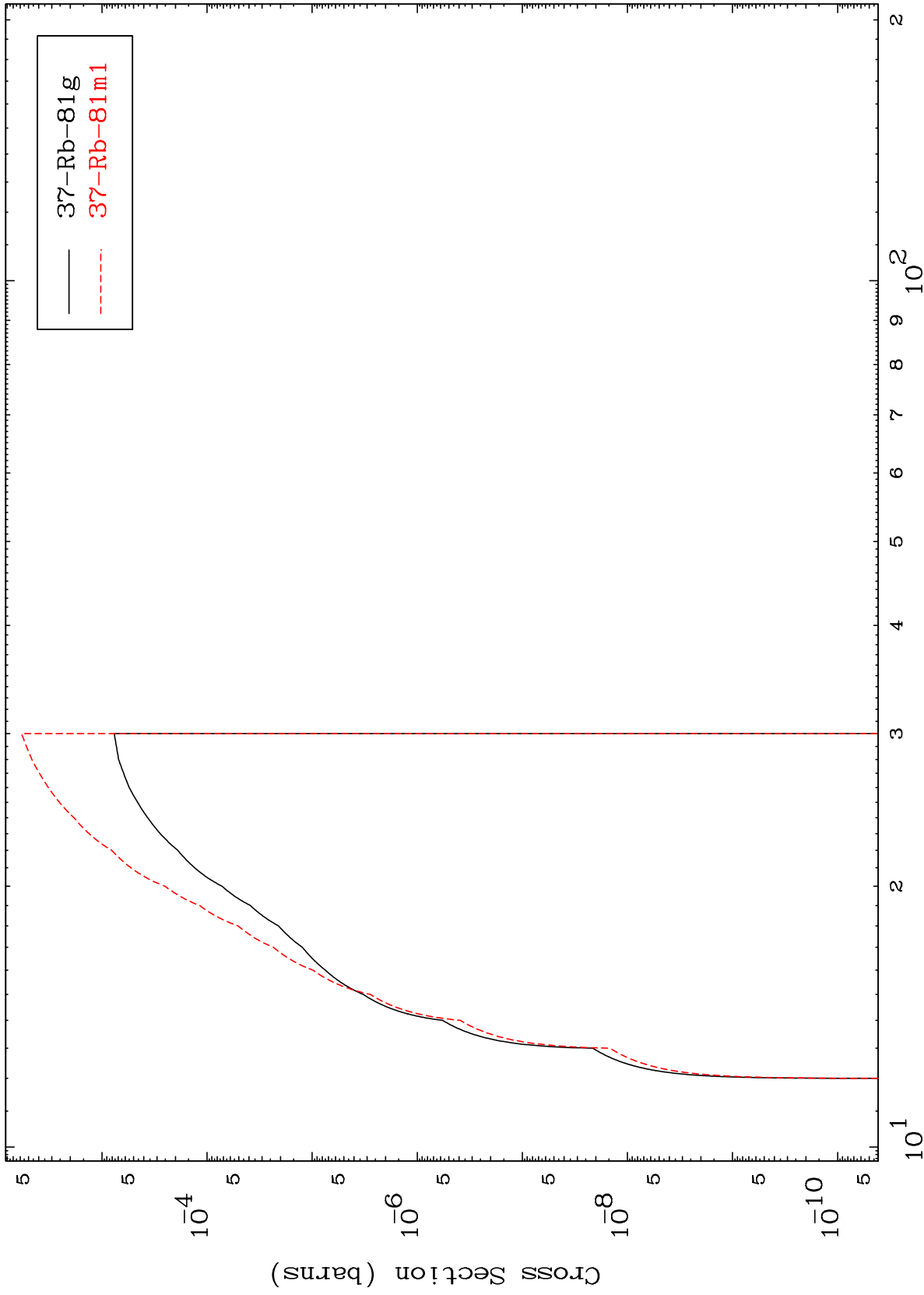


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( $\alpha, d$ )

36-Kr-79

Radionuclide Production Cross Section



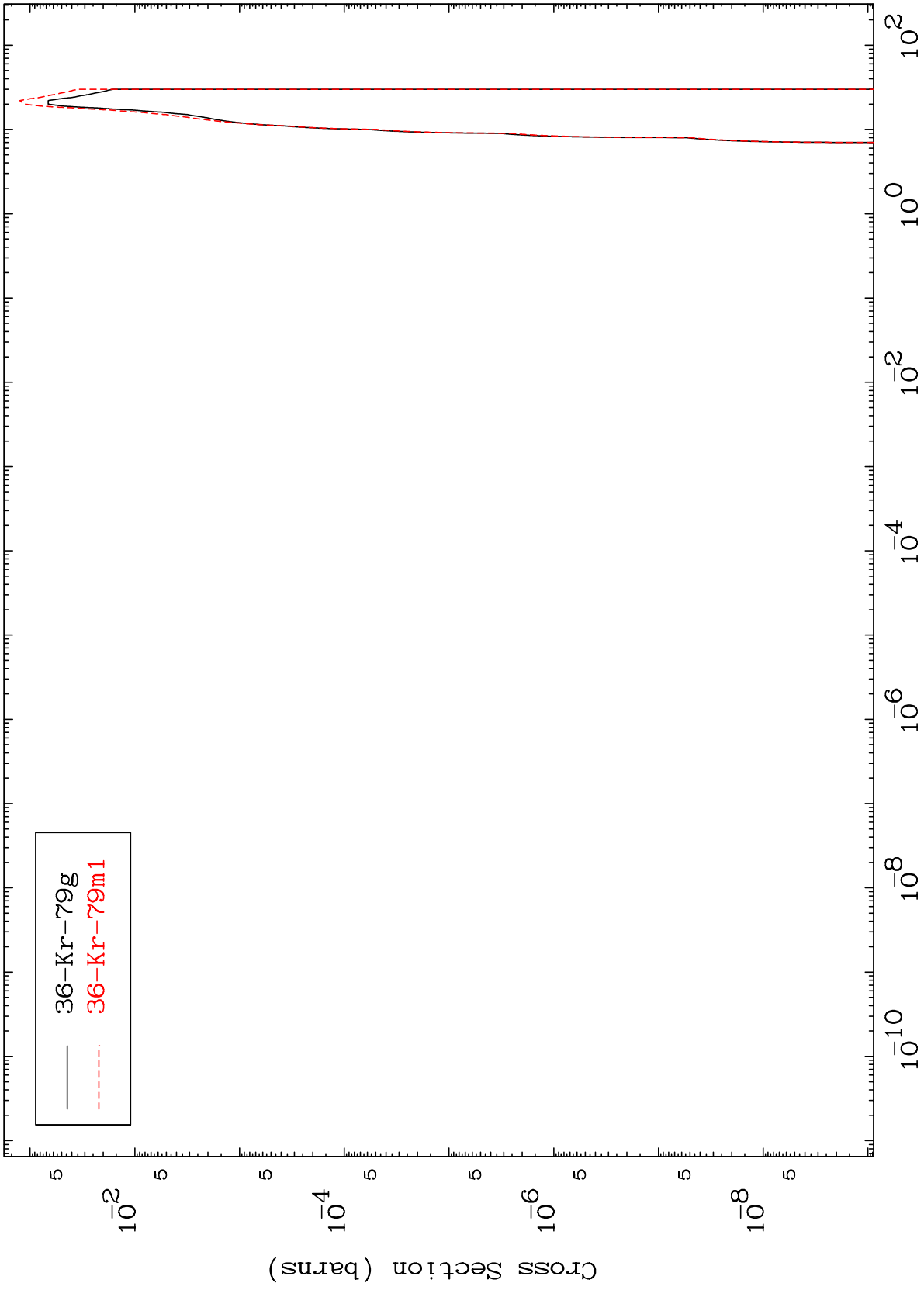
Incident Energy (MeV)

36-Kr-79

MAT 3629

<sup>36</sup>Kr-79

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



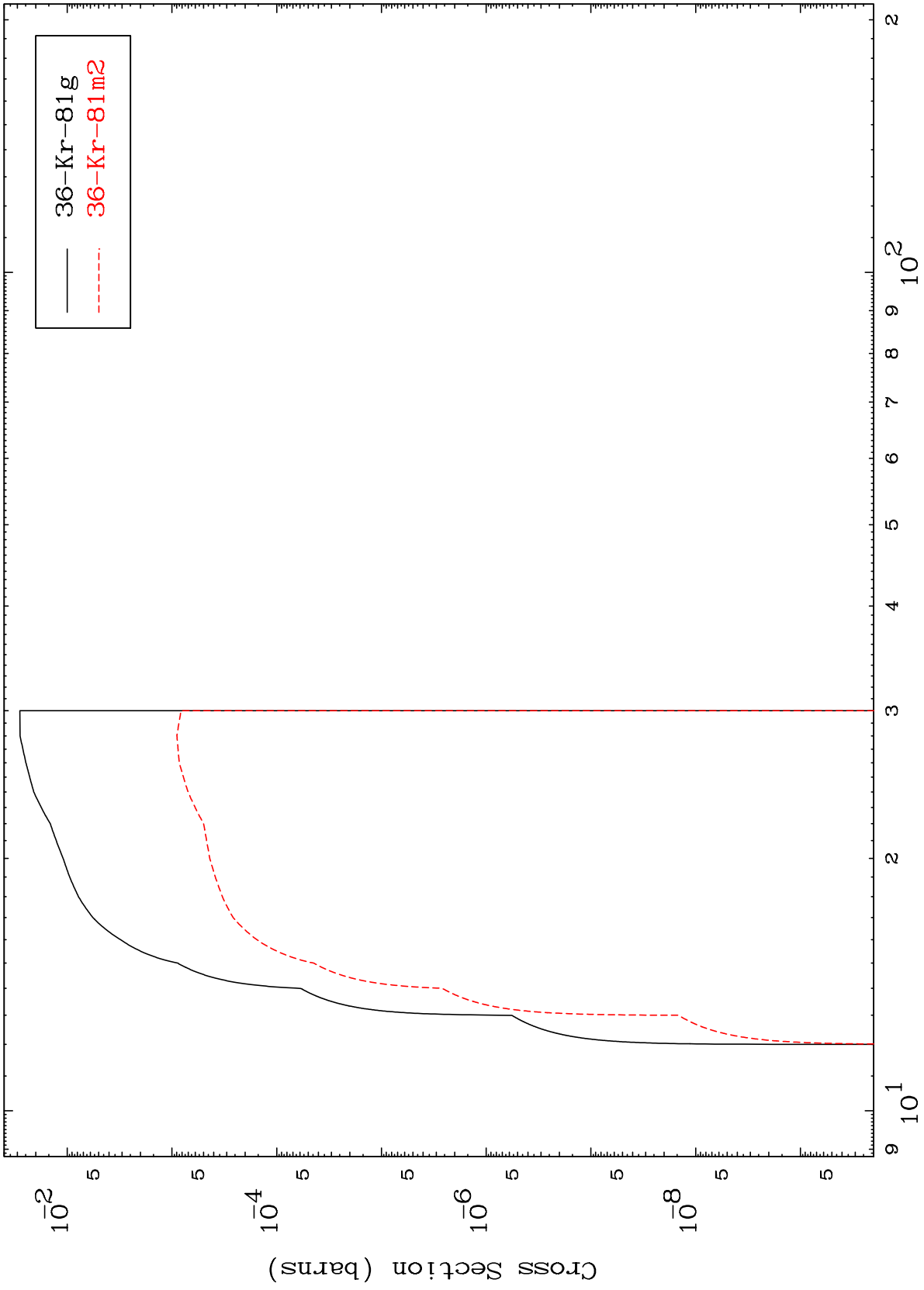
17

<sup>36</sup>Kr-79

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36-Kr-79

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

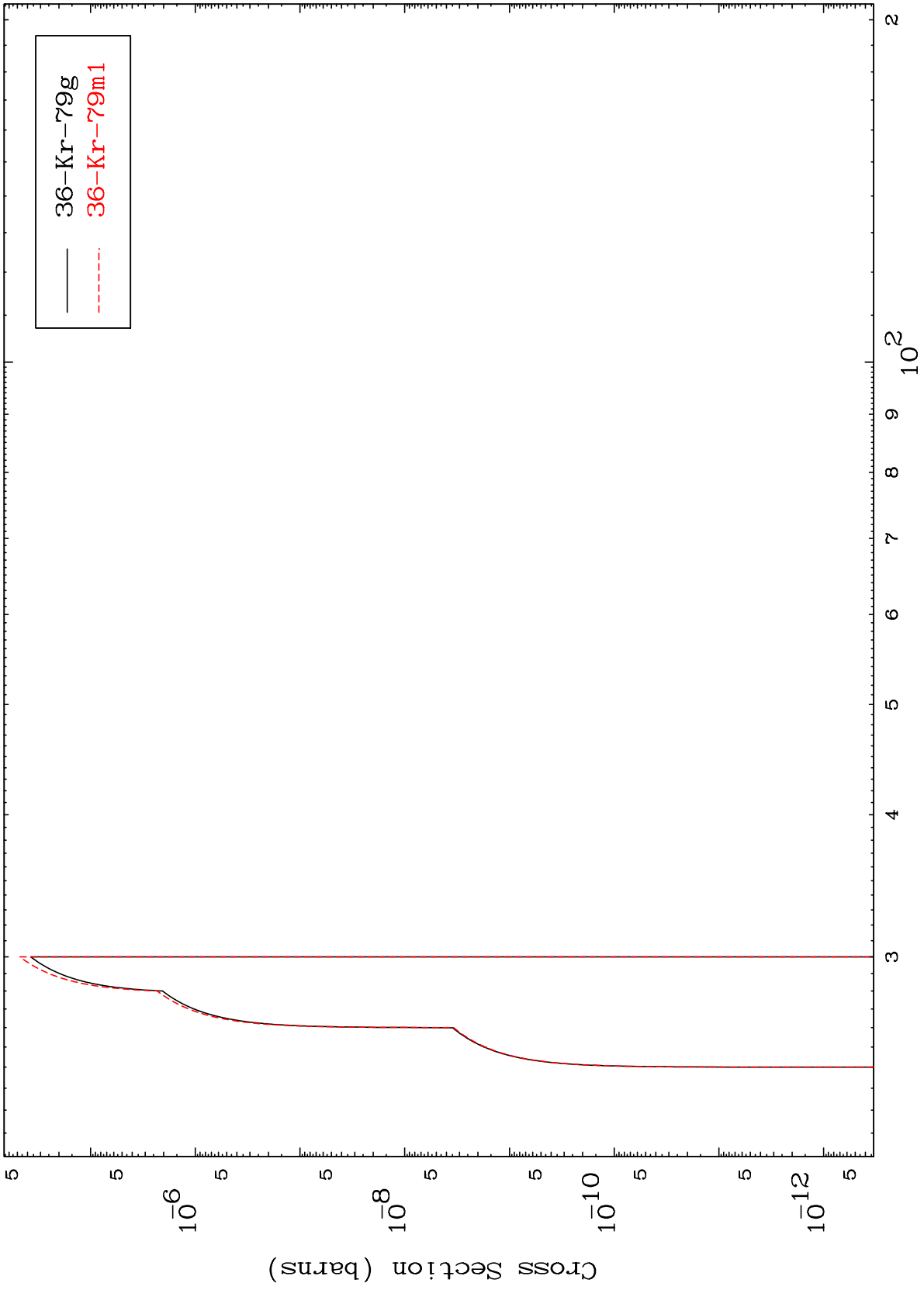


18

Incident Energy (MeV)

36-Kr-79

Radionuclide Production Cross Section

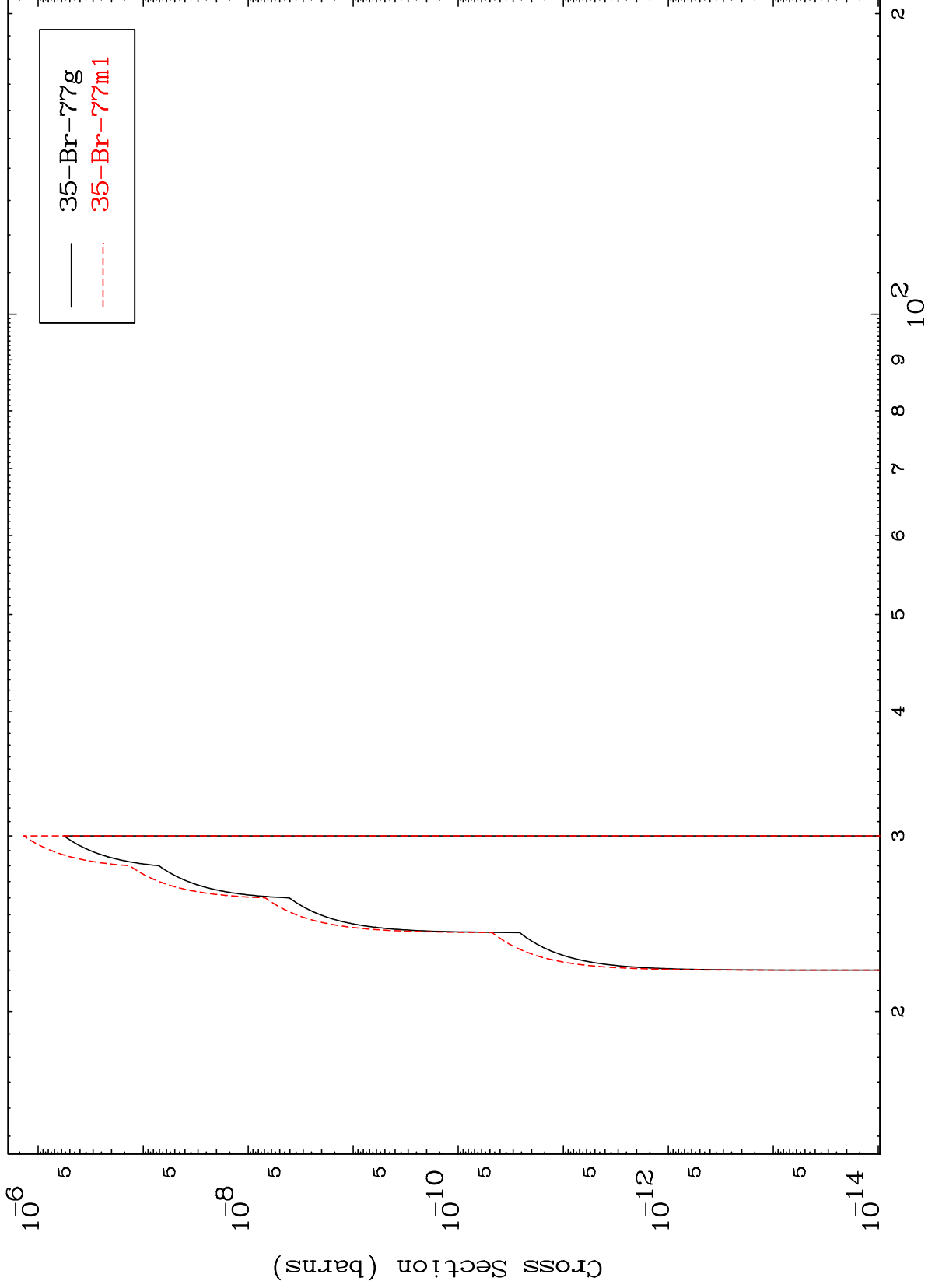


MAT 3629

( $\alpha, d$ )  $\alpha$

36-Kr-79

Radionuclide Production Cross Section



20

Incident Energy (MeV)

36-Kr-79