

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

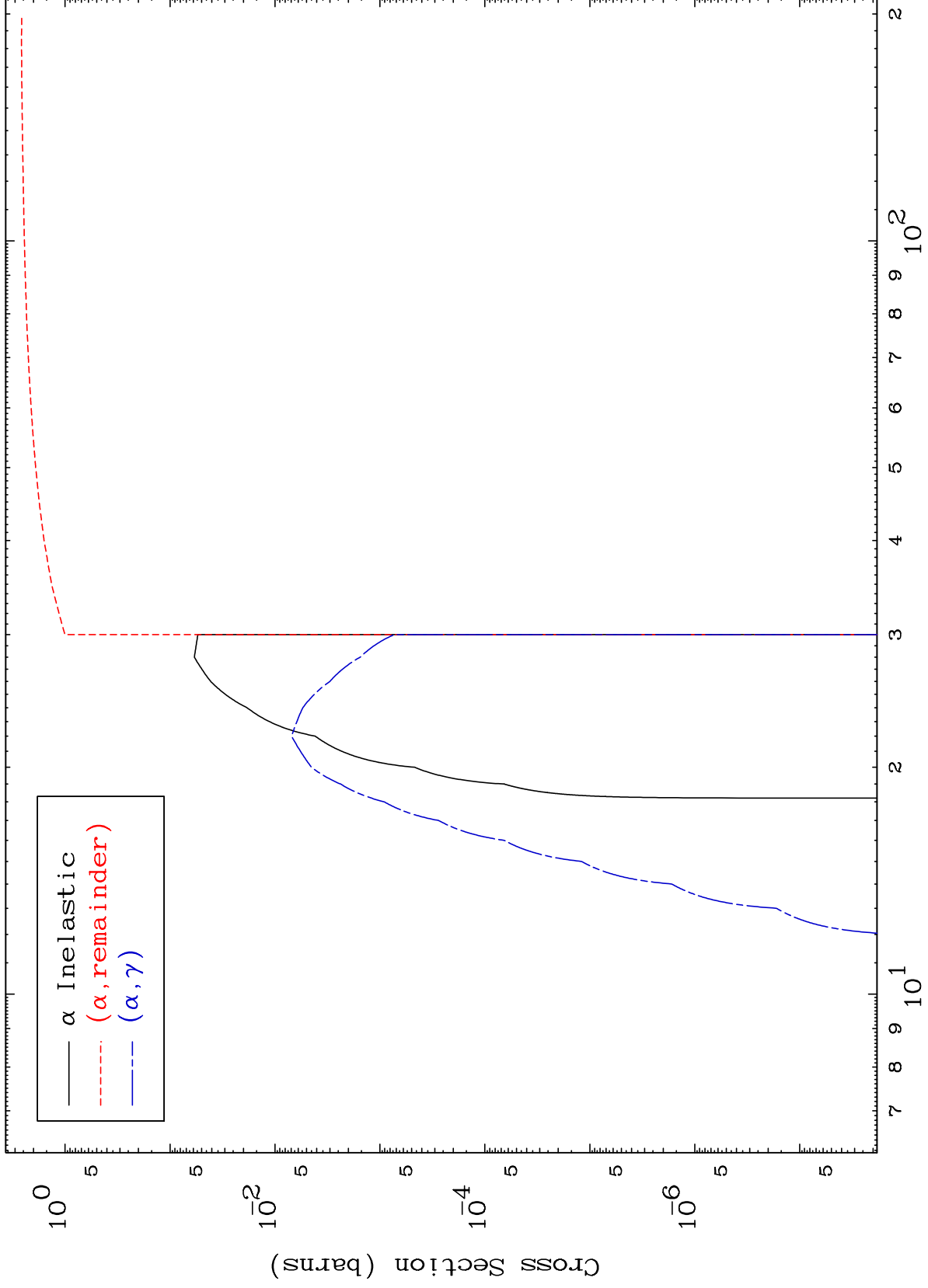
Press Mouse Button to Start

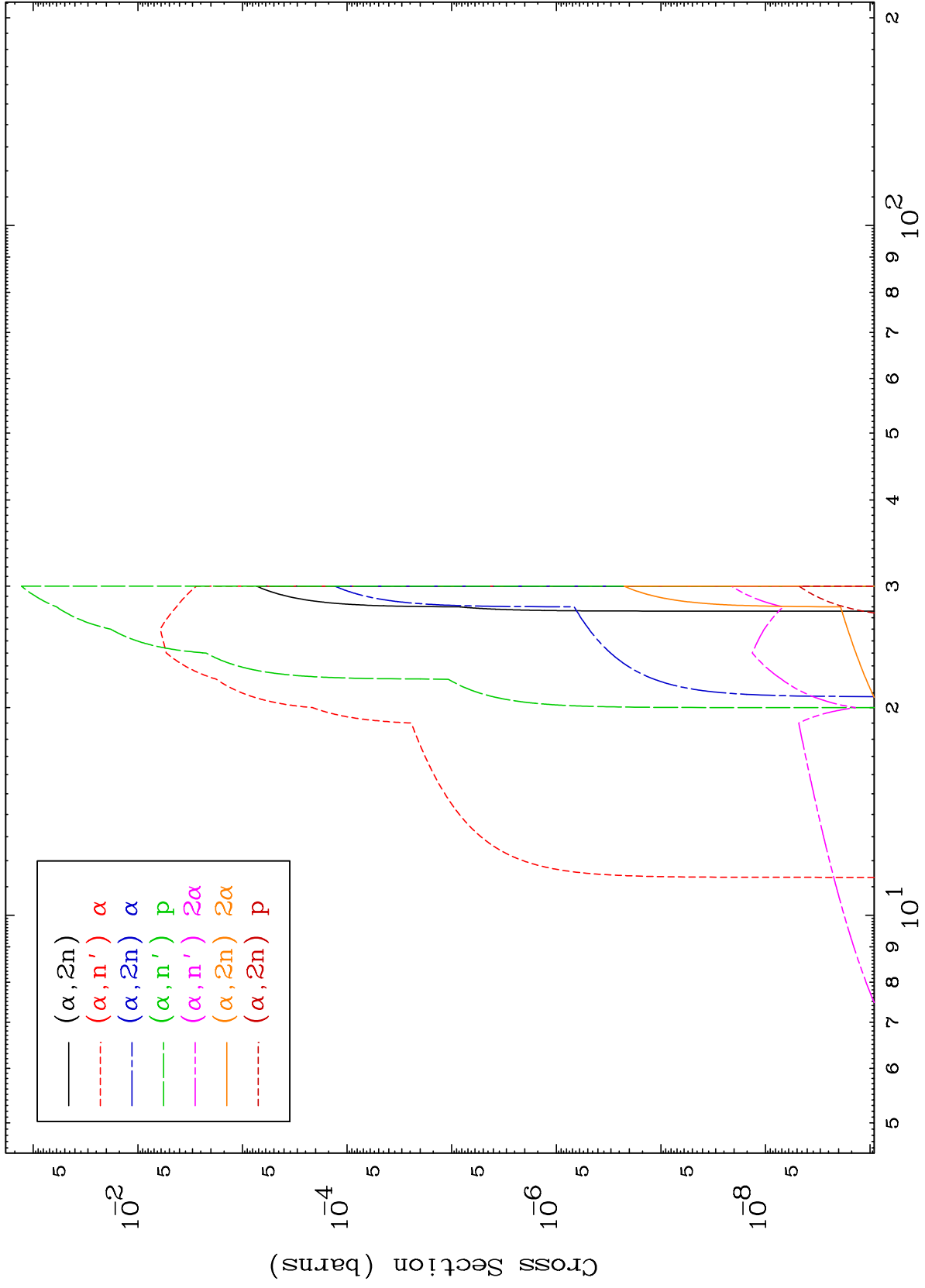
MAT 7865

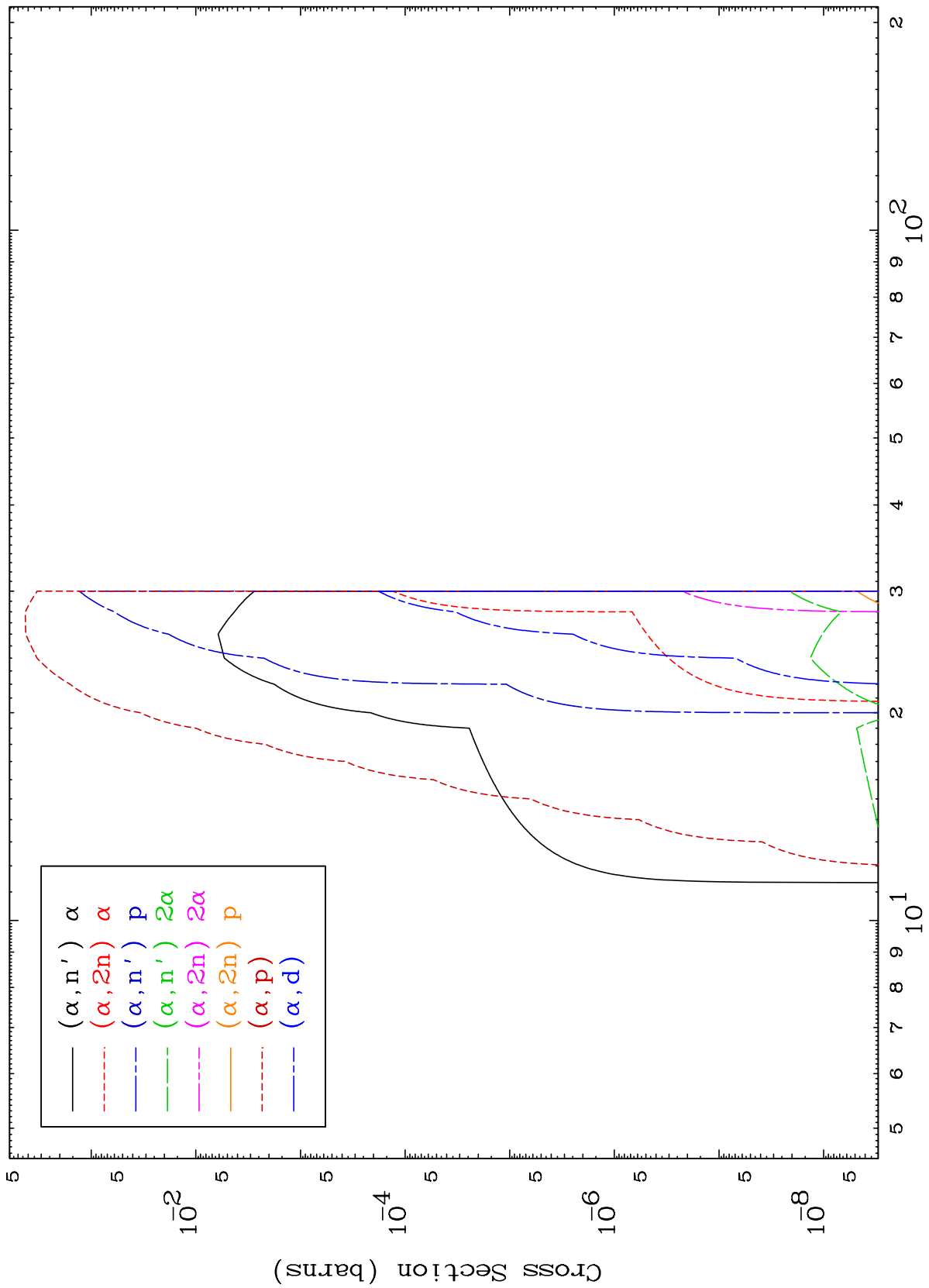
0 Kelvin

$\alpha$  Major Cross Sections

79-Au-177



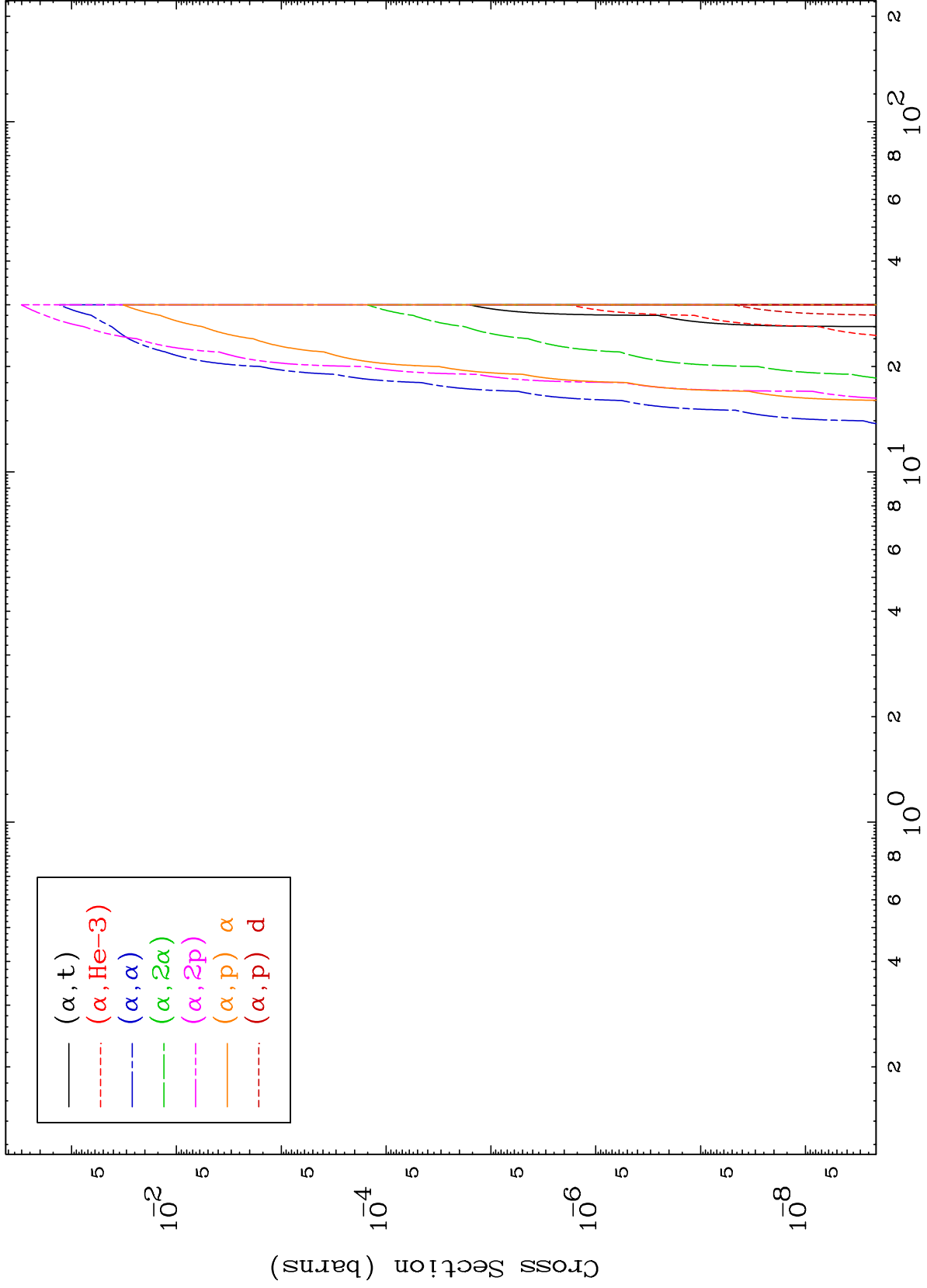




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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

79-Au-177

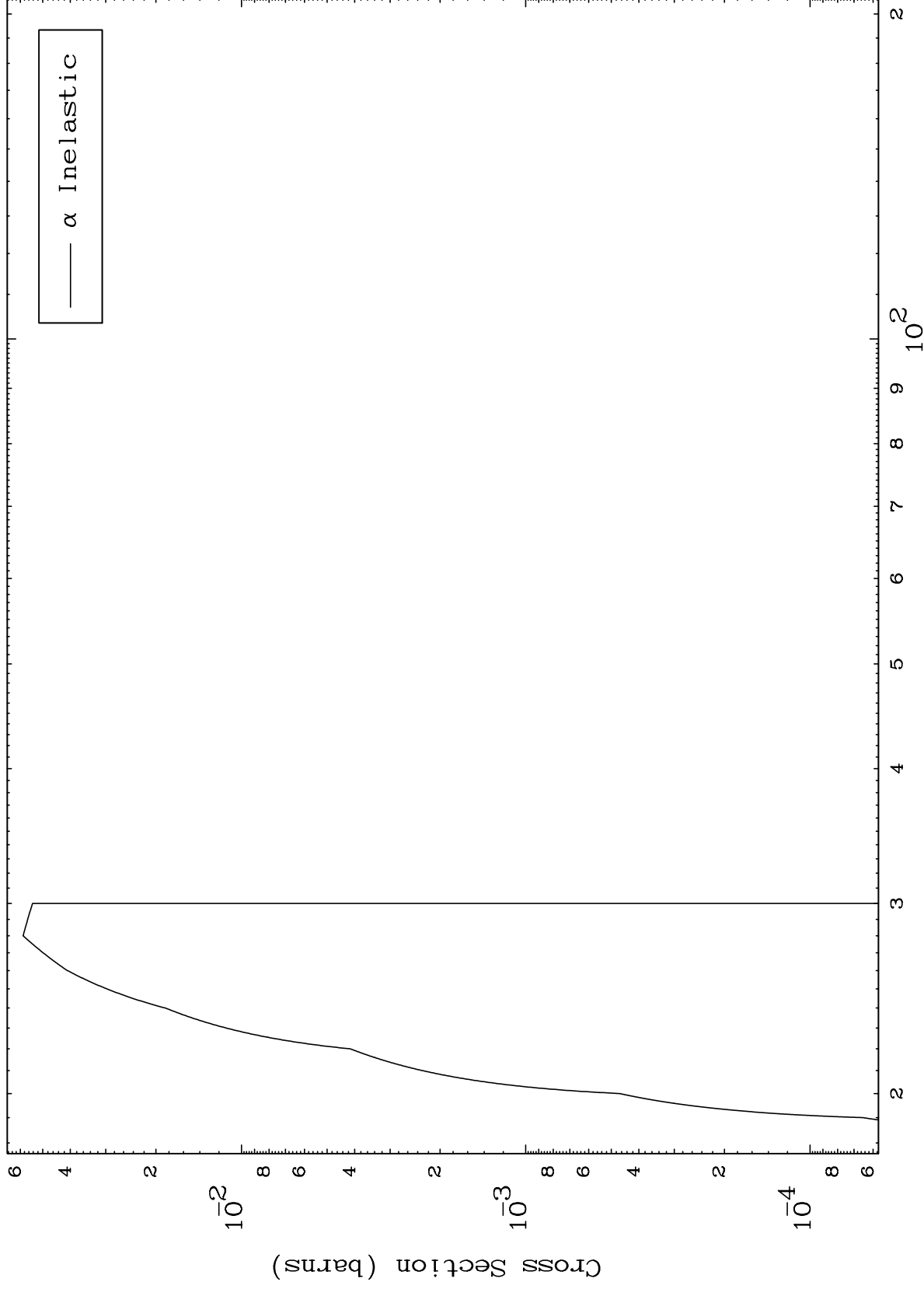


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( $\alpha, n'$ ) Level

79-Au-177

0 Kelvin Cross Sections



5

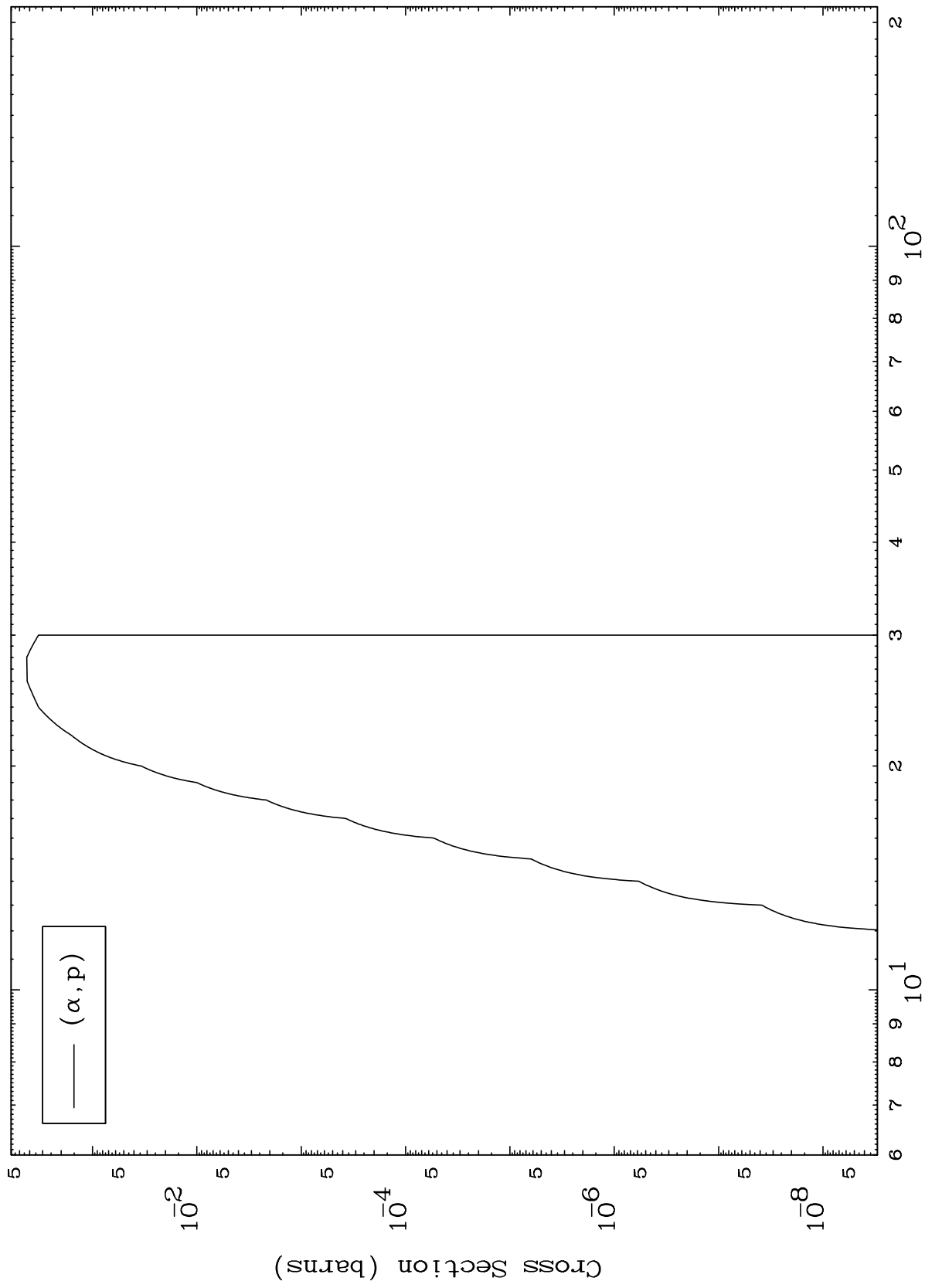
Incident Energy (MeV)

79-Au-177

MAT 7865

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

79-Au-177



6

Incident Energy (MeV)

79-Au-177

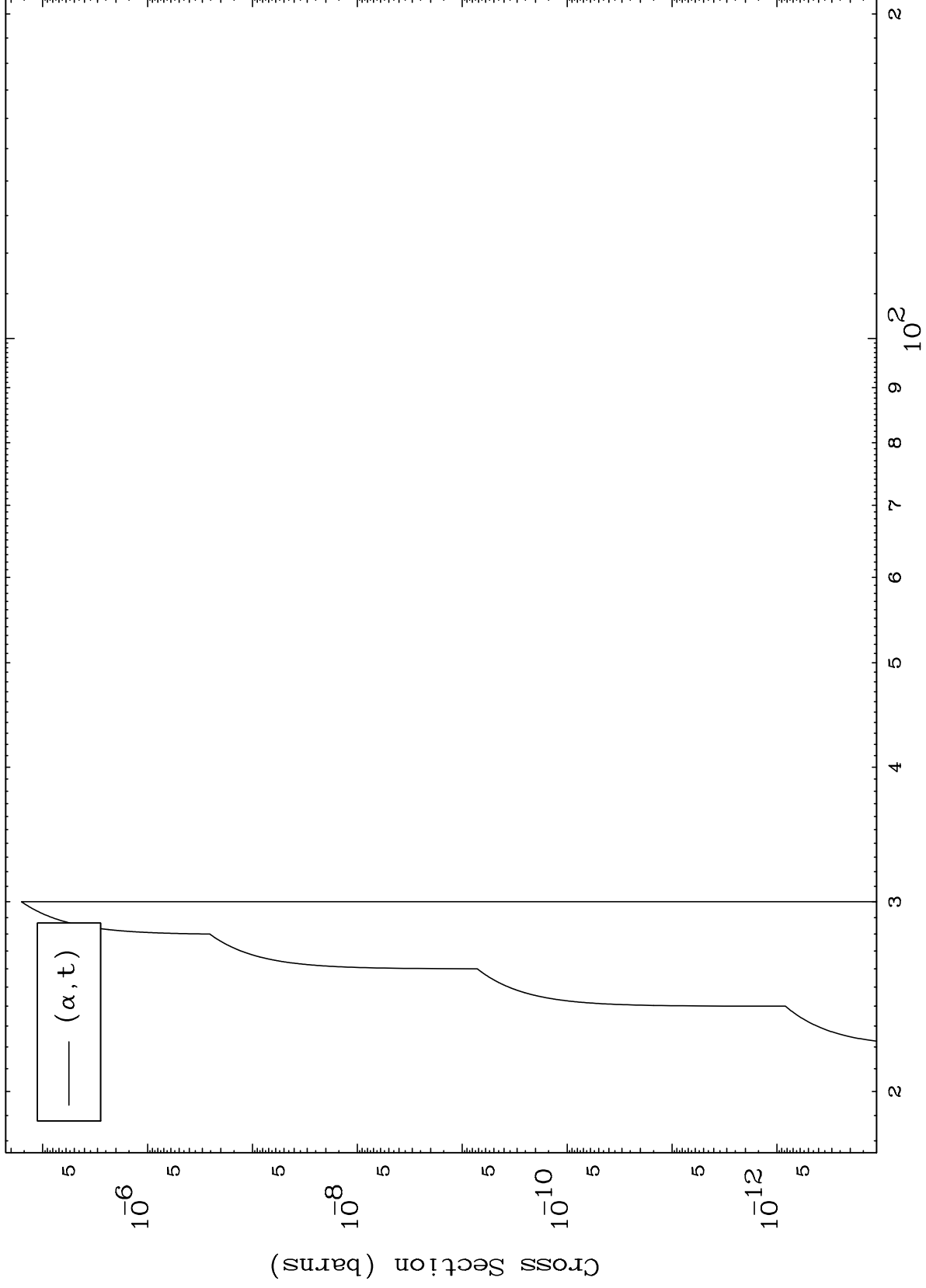


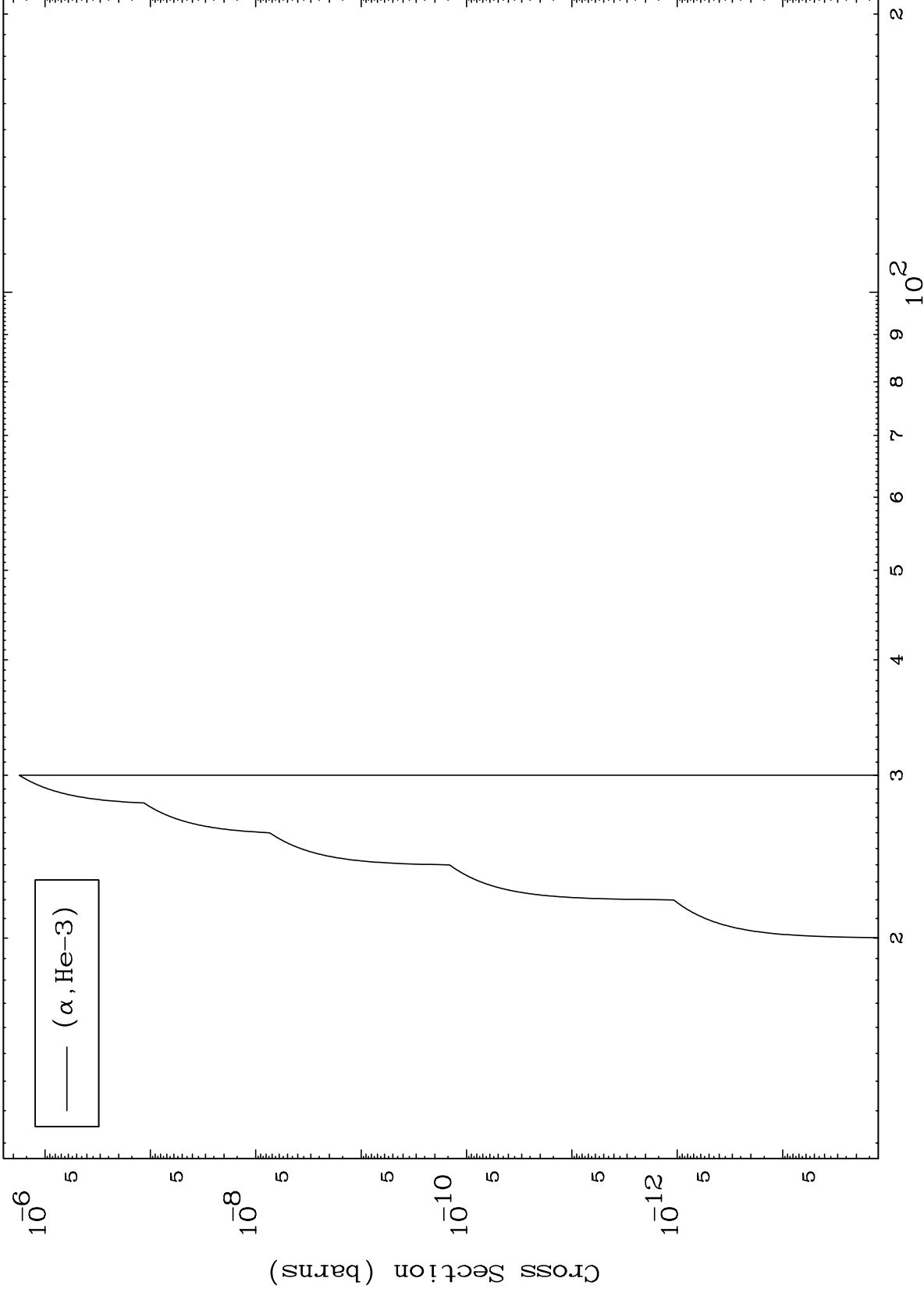


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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

79-Au-177



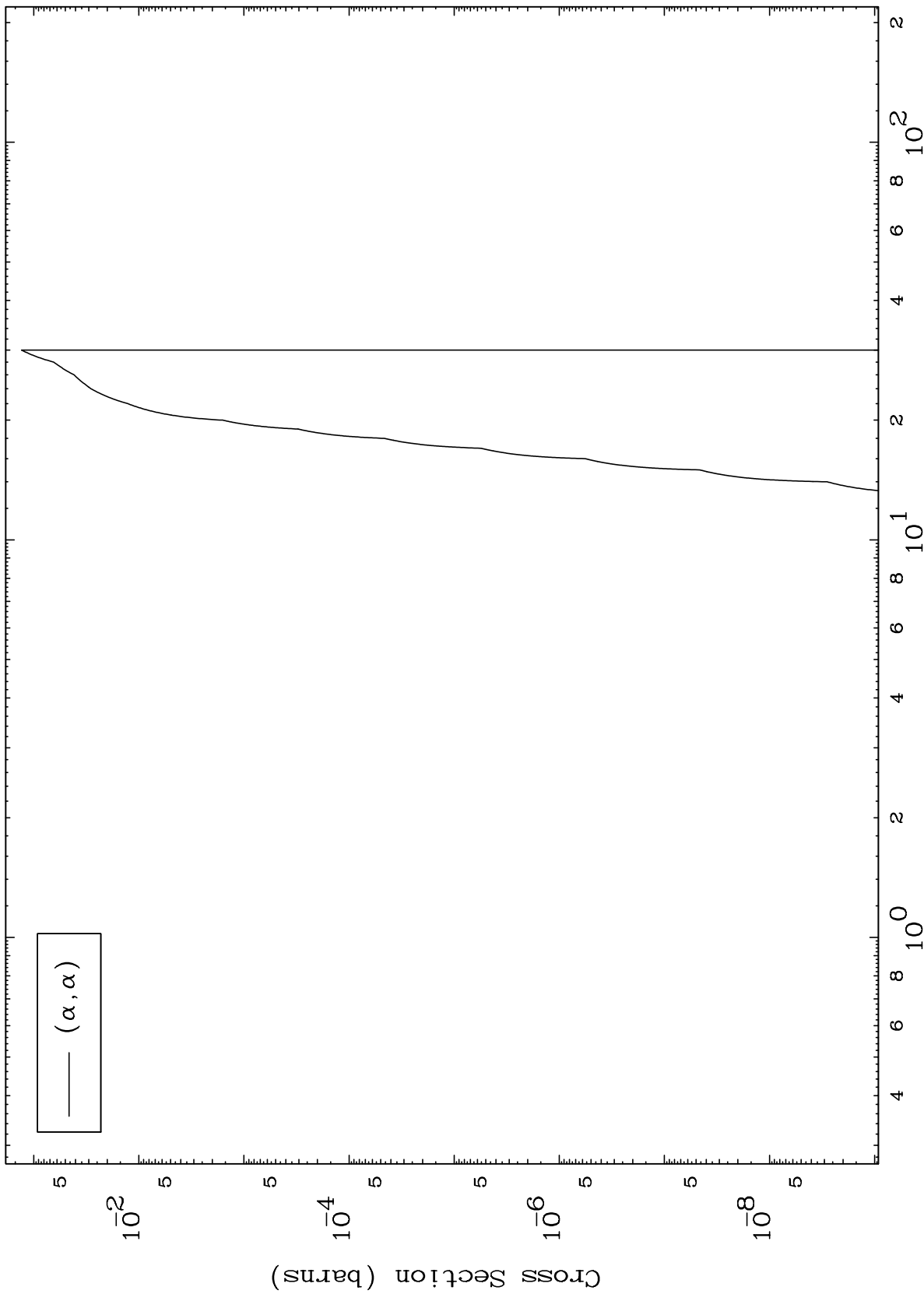


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( $\alpha, \alpha$ ) Levels

79-Au-177

0 Kelvin Cross Sections



10

Incident Energy (MeV)

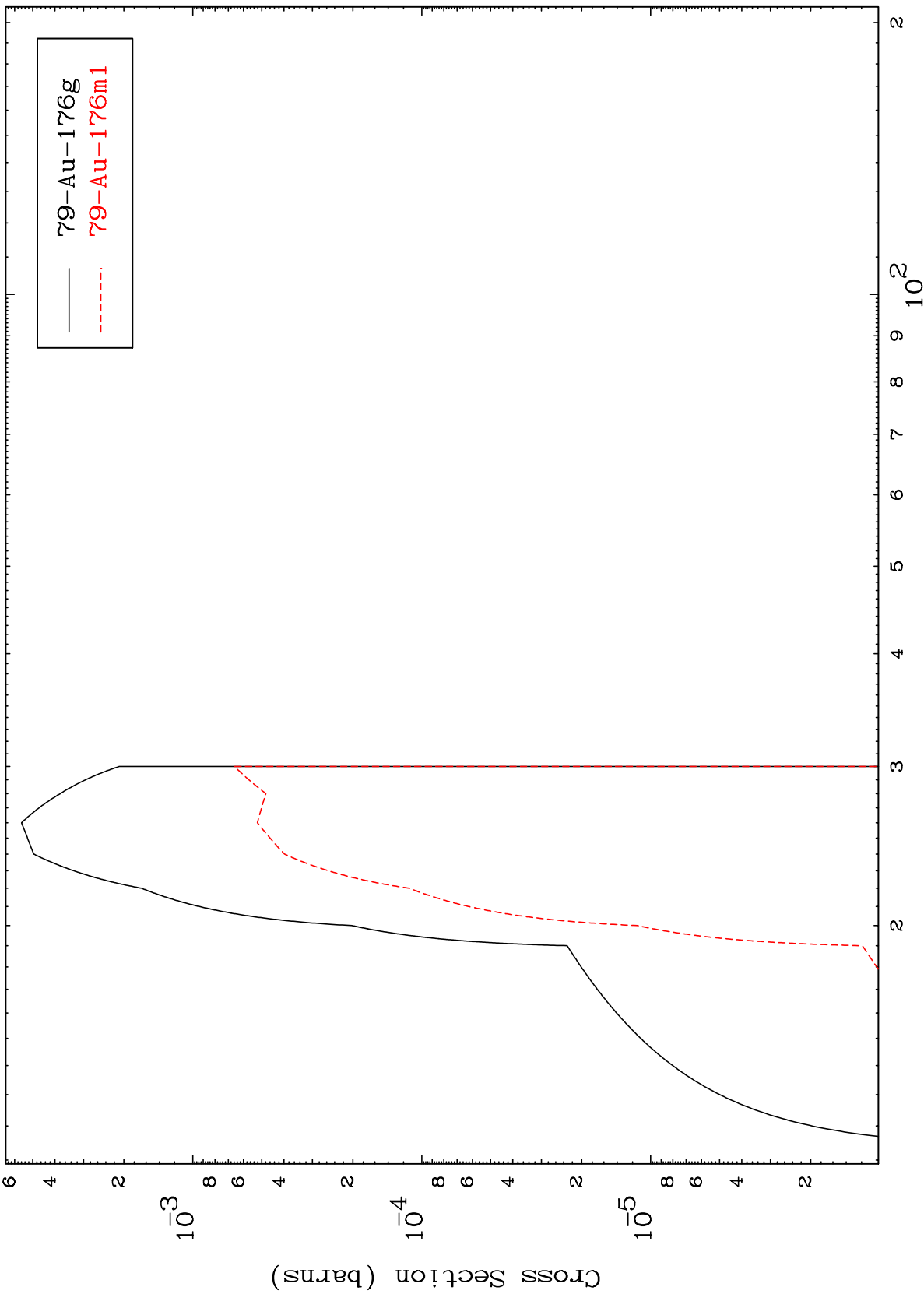
79-Au-177

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

$^{79}\text{Au-177}$

Radionuclide Production Cross Section

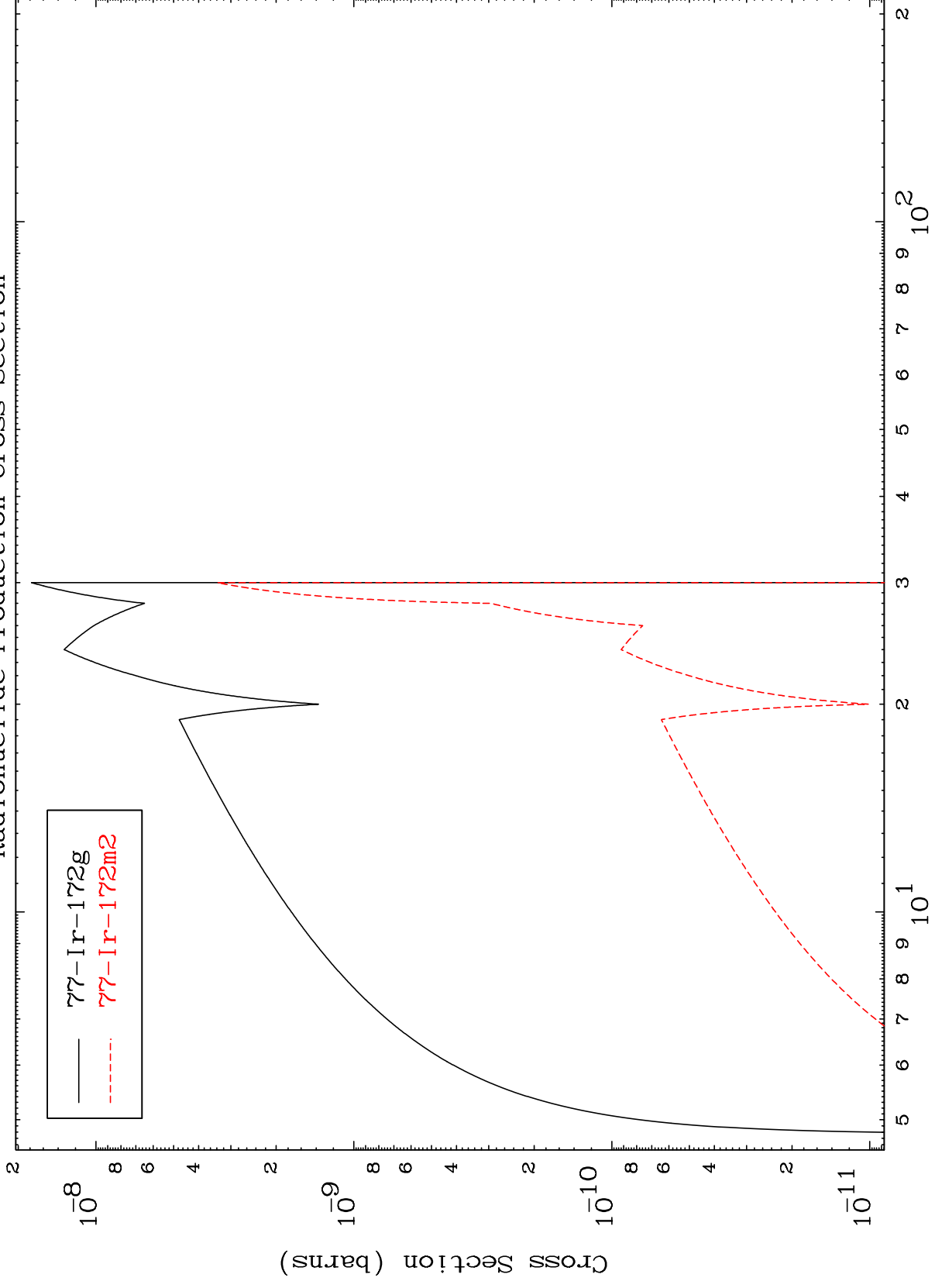


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$(\alpha, n')$   $2\alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

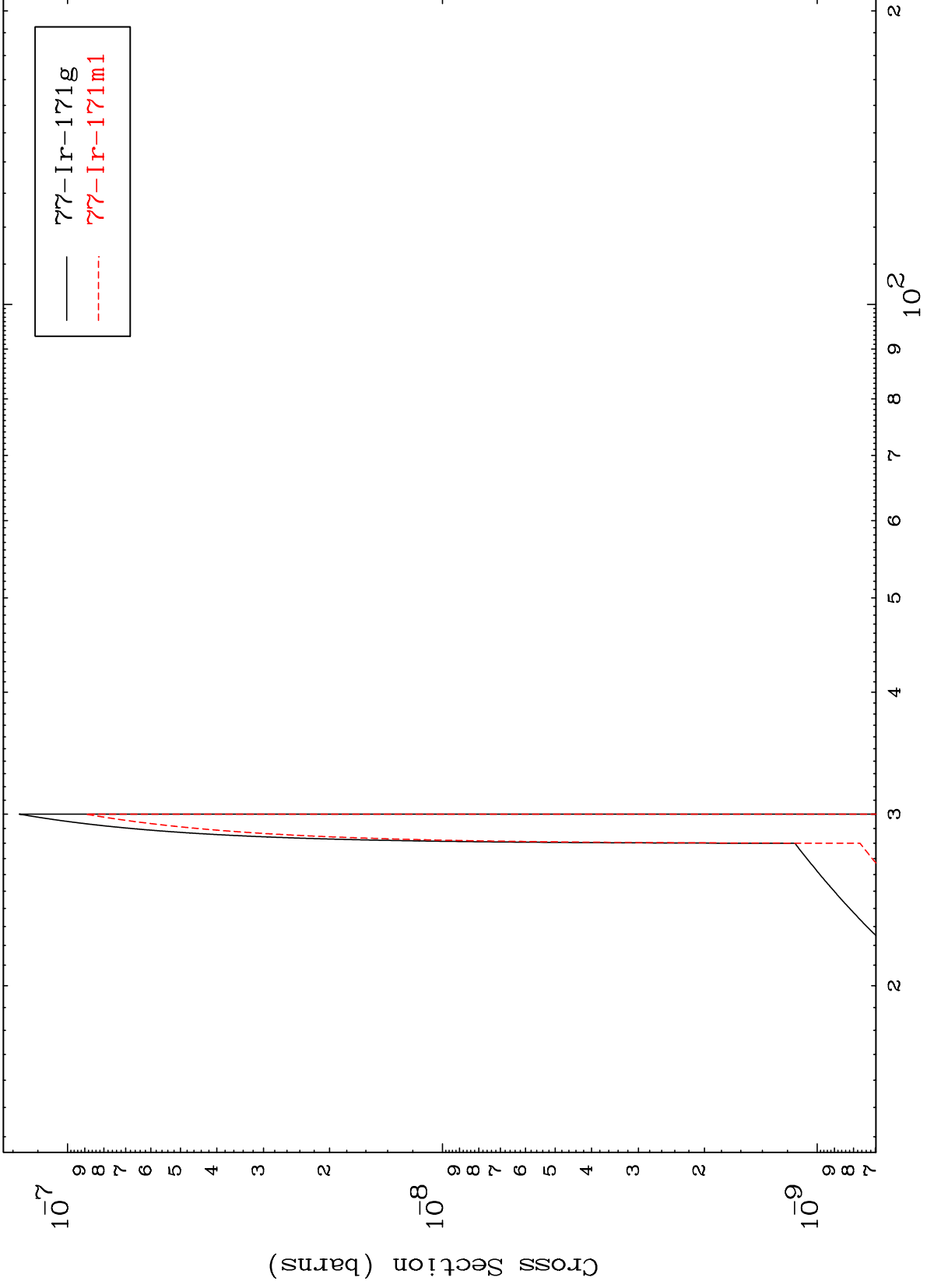
$^{79}\text{Au-177}$

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( $\alpha, 2n$ )  $2\alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

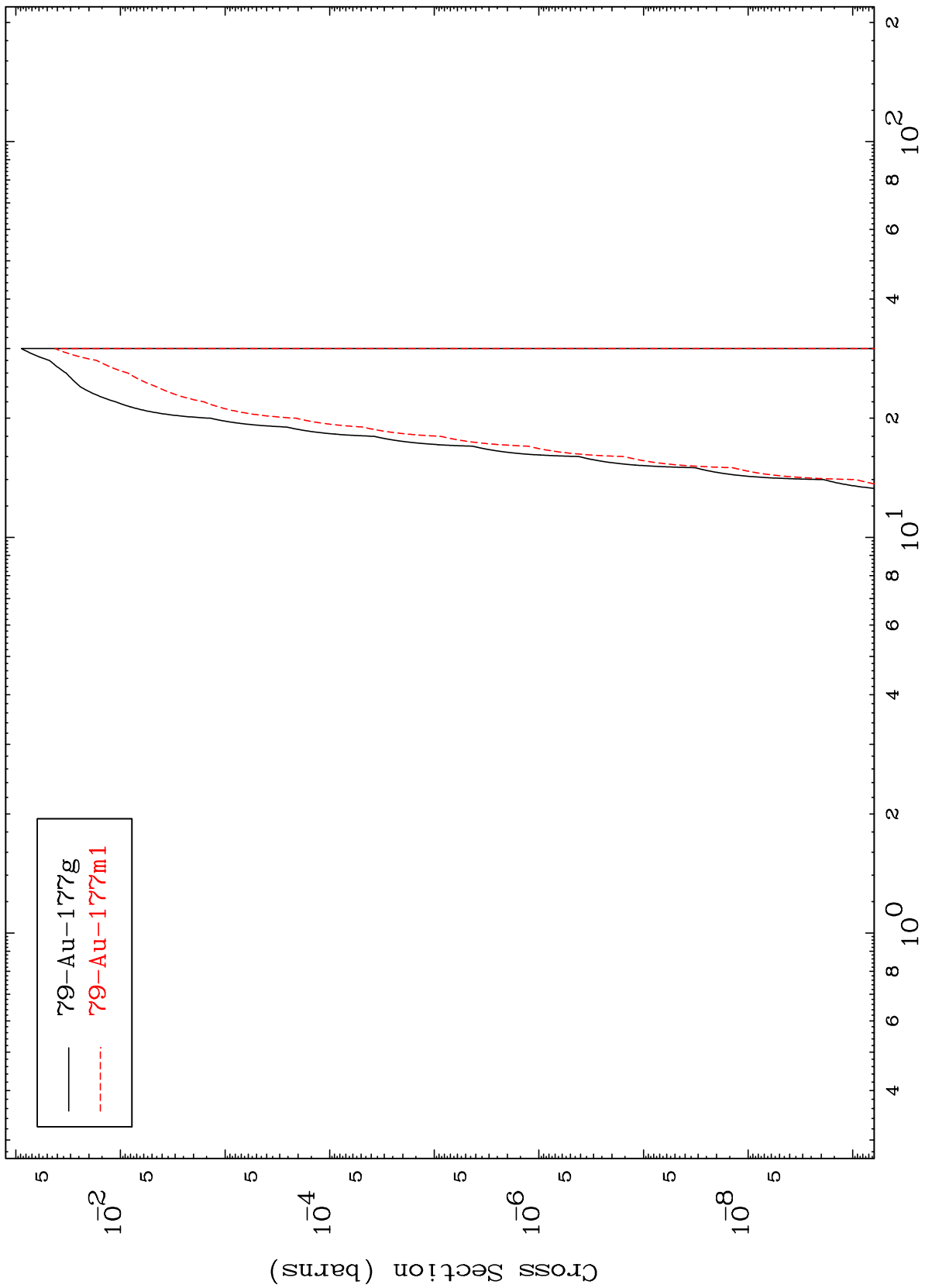
$^{79}\text{Au-177}$

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( $\alpha, \alpha$ )

<sup>79</sup>Au-177

Radionuclide Production Cross Section



Legend:  
— <sup>79</sup>Au-177g  
- - - <sup>79</sup>Au-177m1

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( $\alpha, 2\alpha$ )

<sup>79</sup>Au-177

