

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

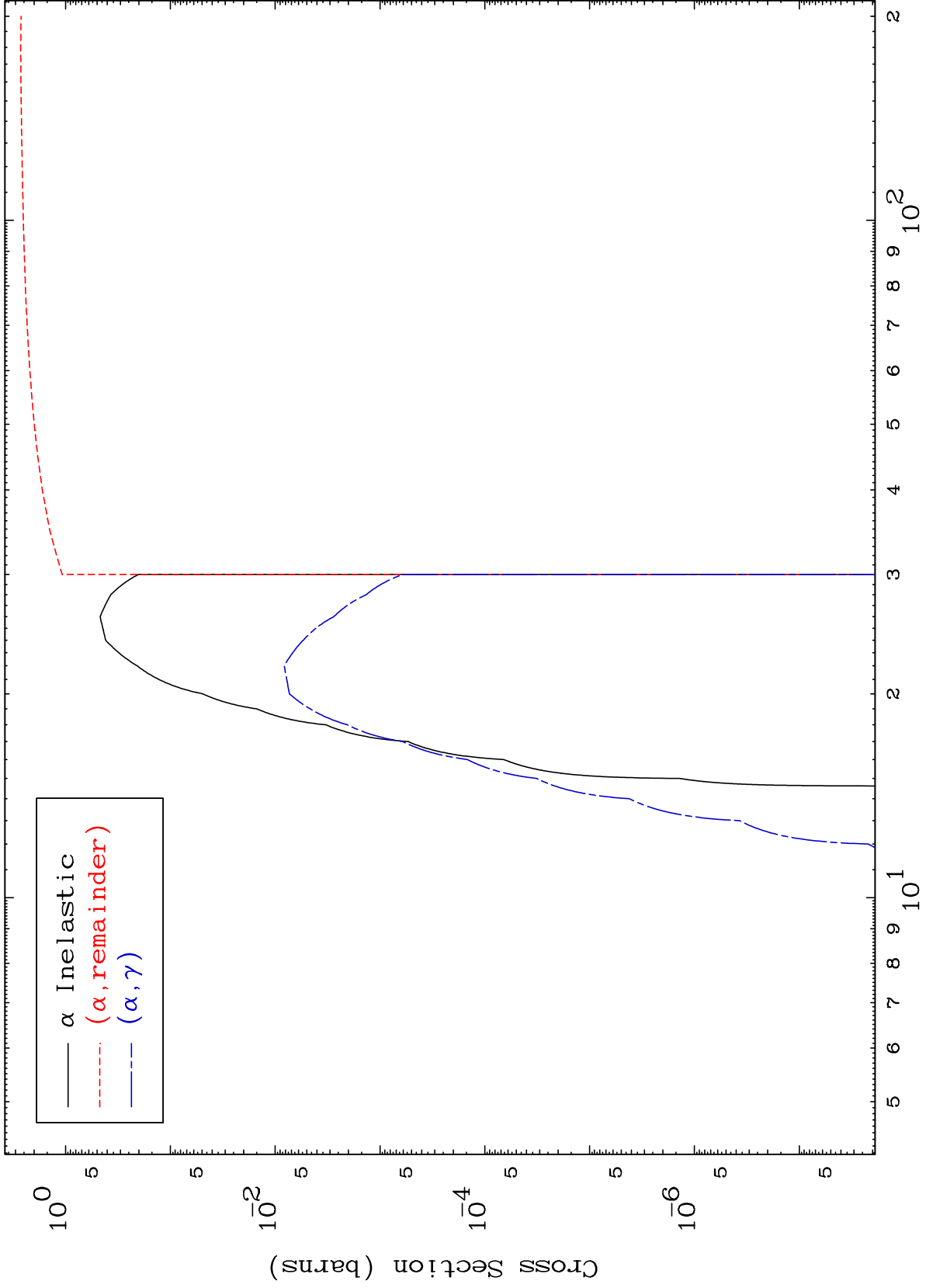
Press Mouse Button to Start

MAT 7895

$\alpha$  Major

79-Au-187

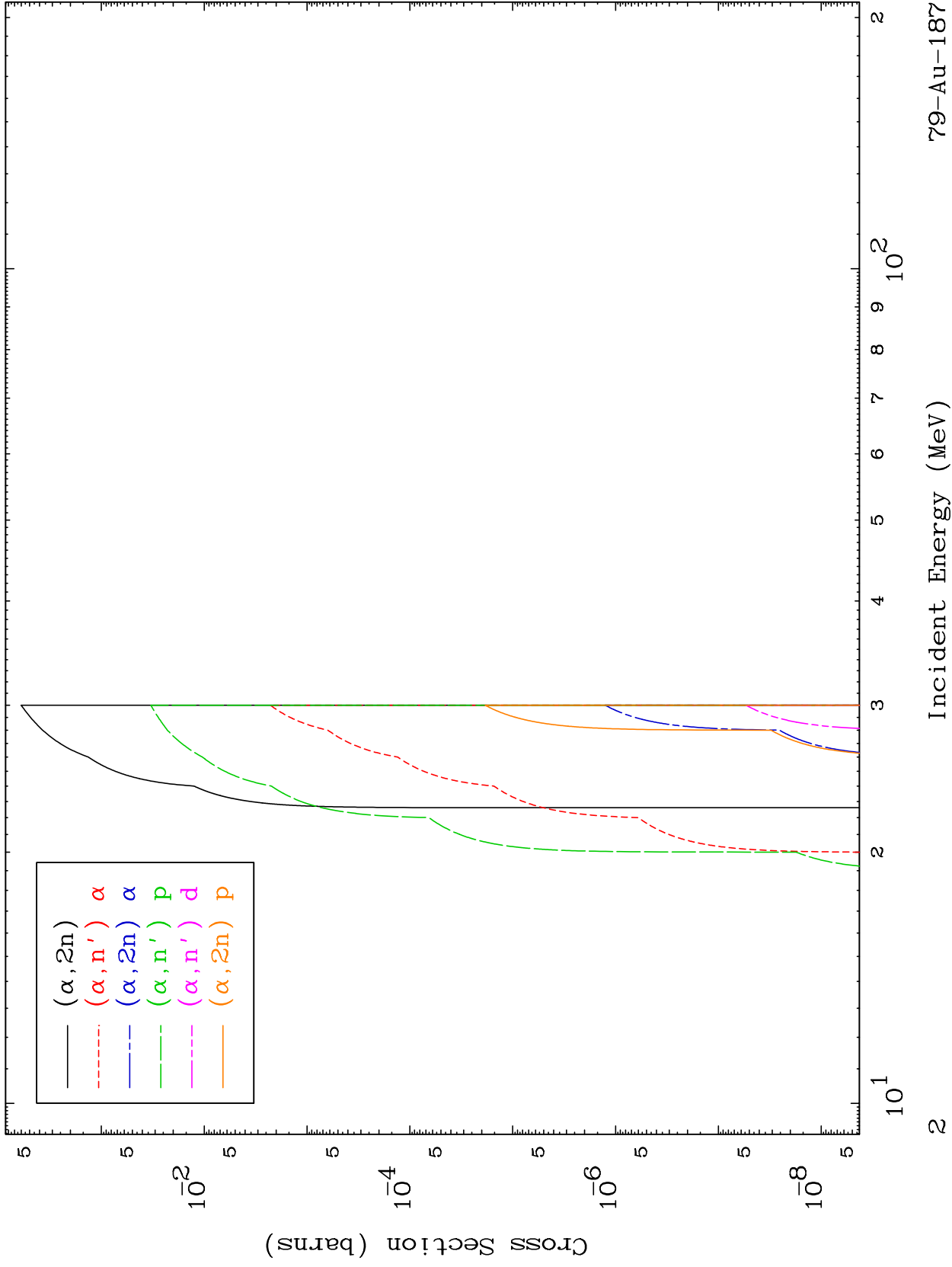
0 Kelvin Cross Sections

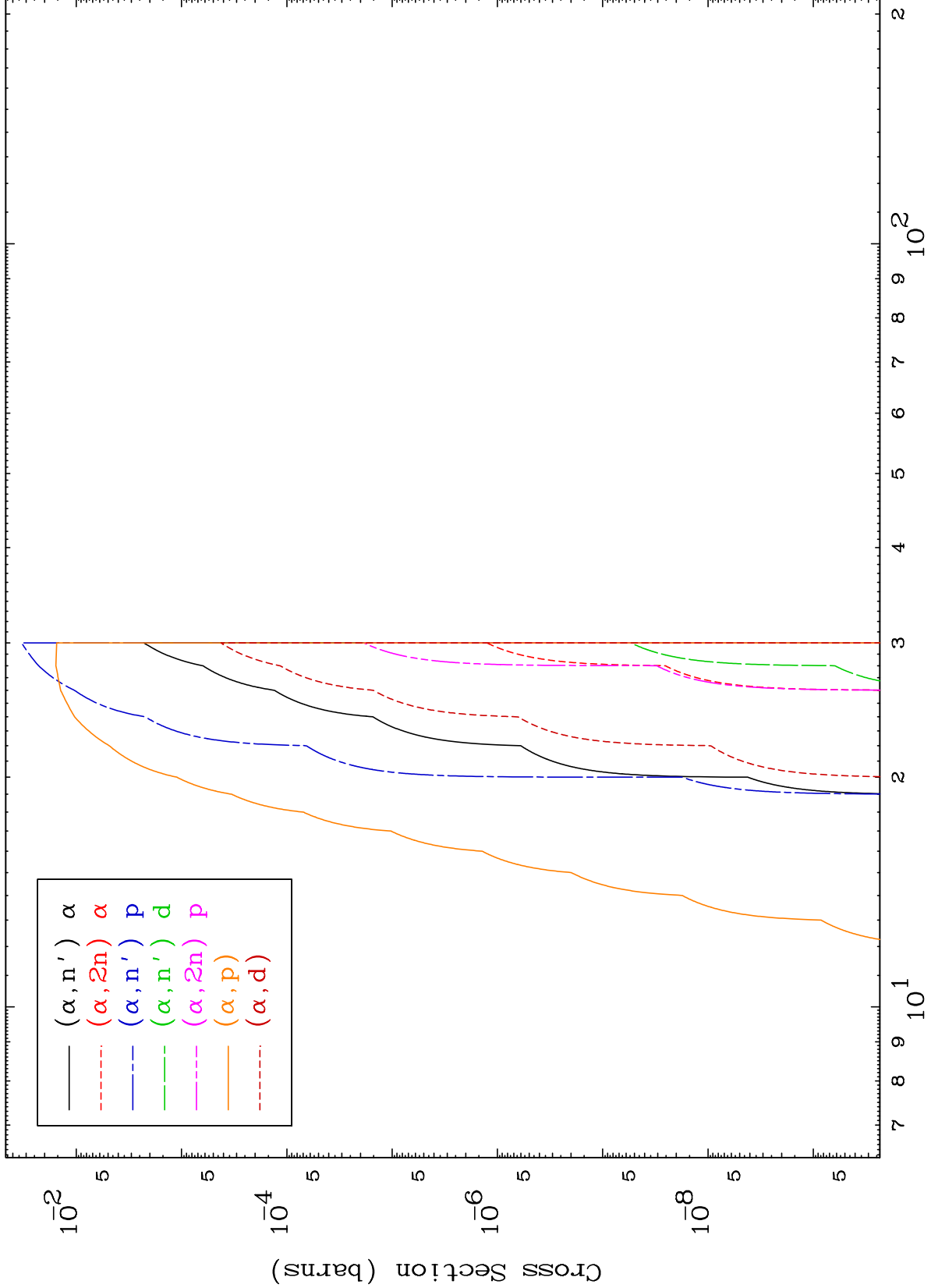


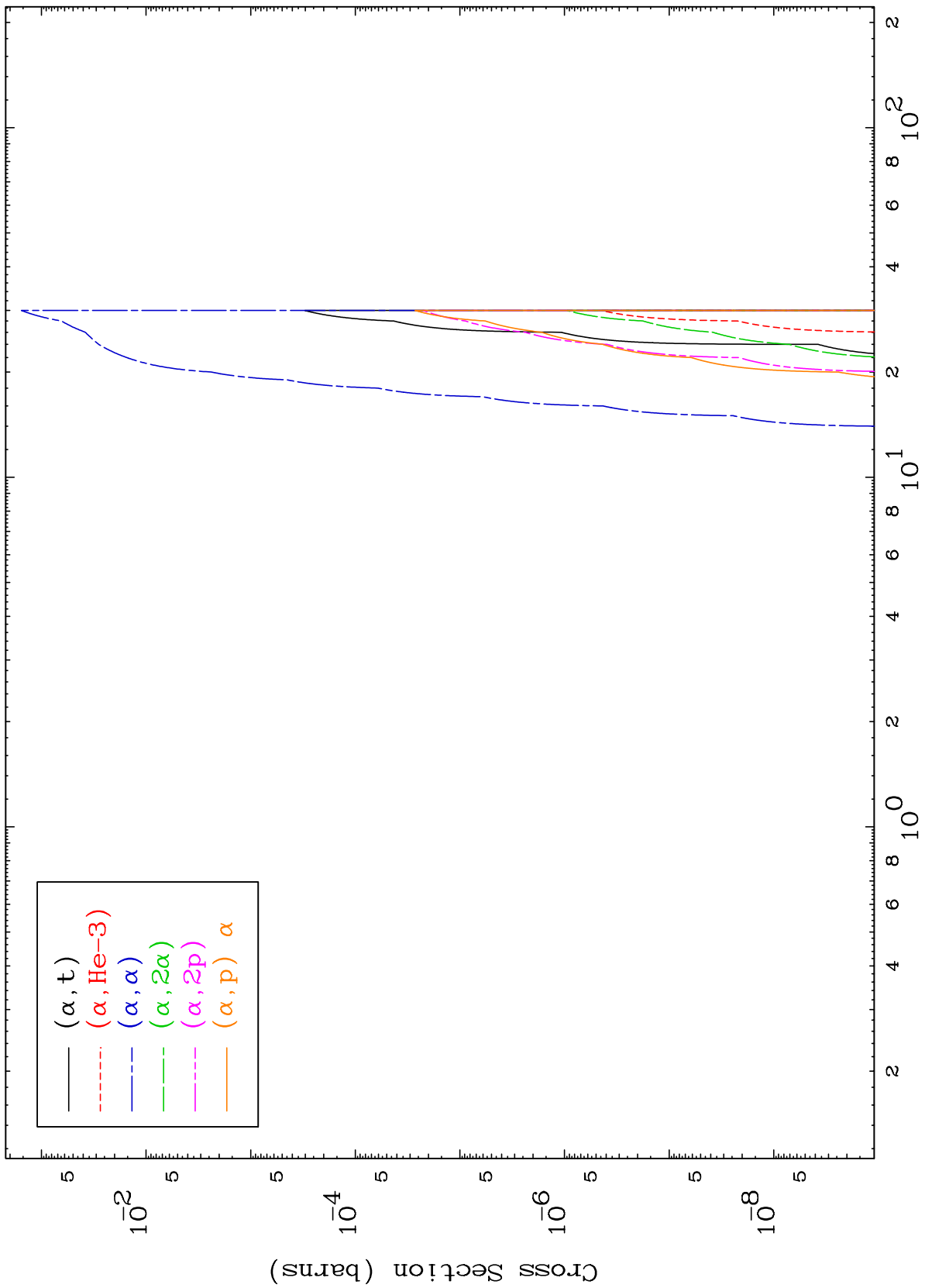
1

Incident Energy (MeV)

79-Au-187





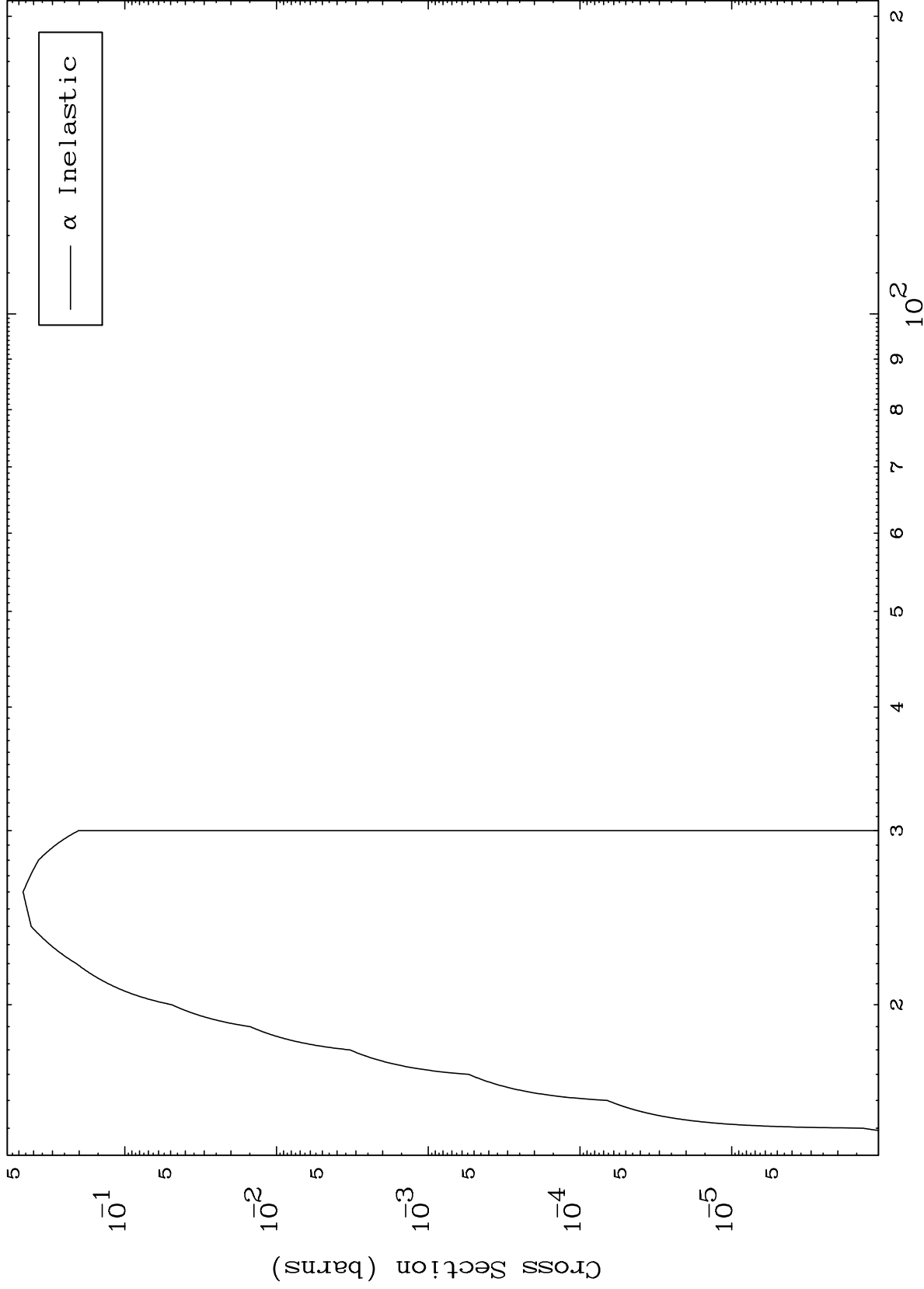


MAT 7895

( $\alpha, n'$ ) Level

79-Au-187

0 Kelvin Cross Sections



Incident Energy (MeV)

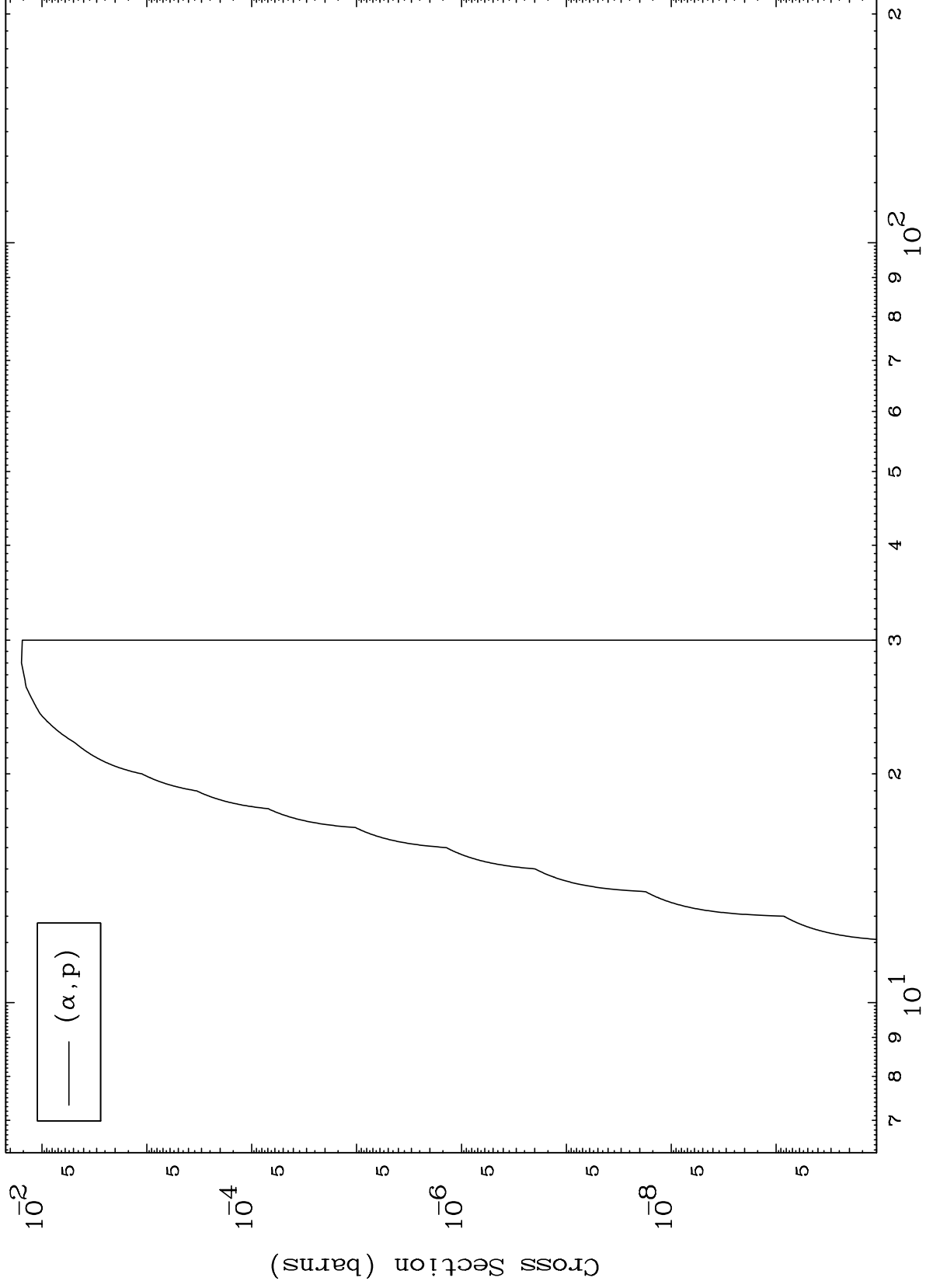
79-Au-187

5

MAT 7895

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

79-Au-187



6

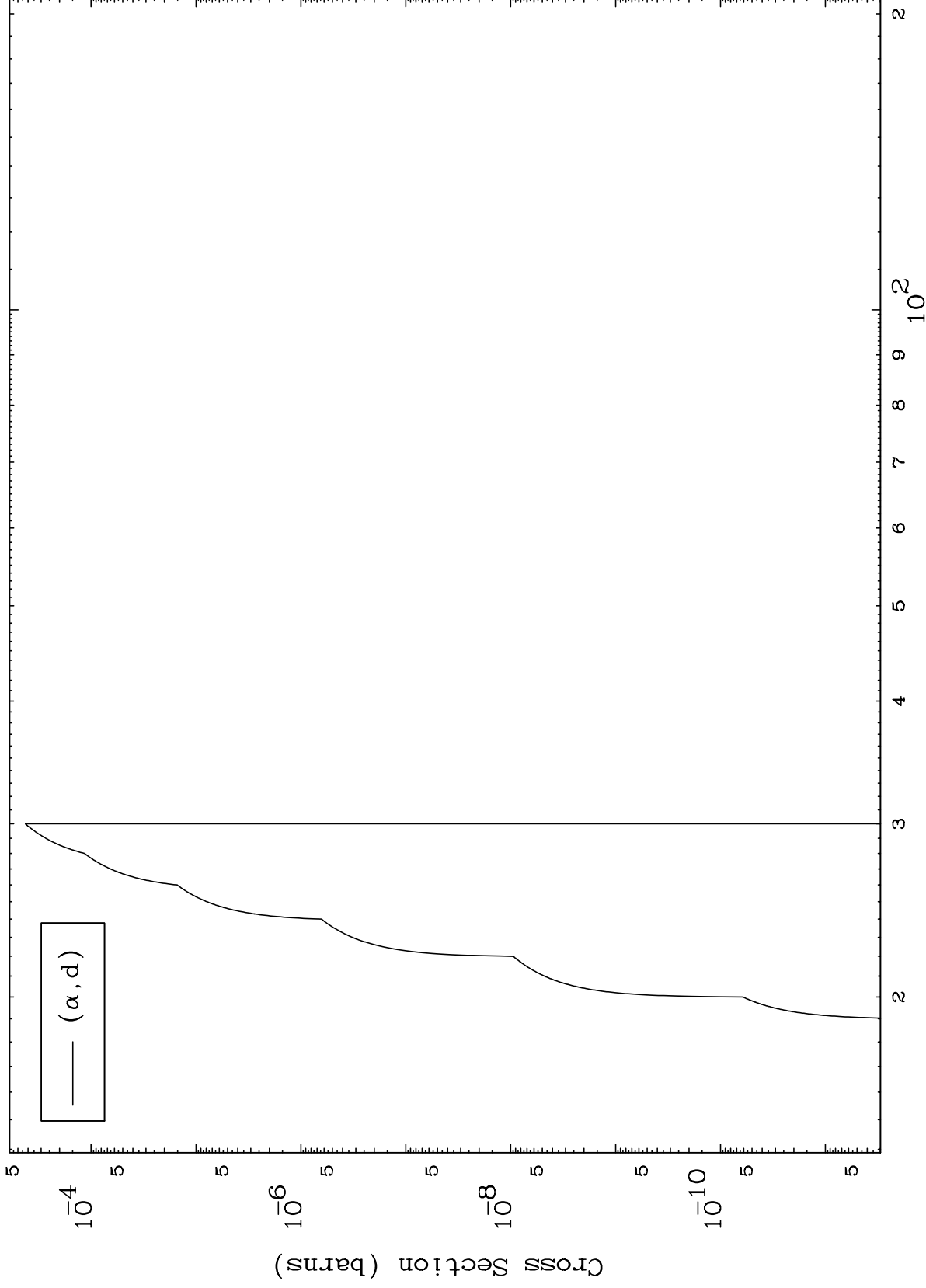
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

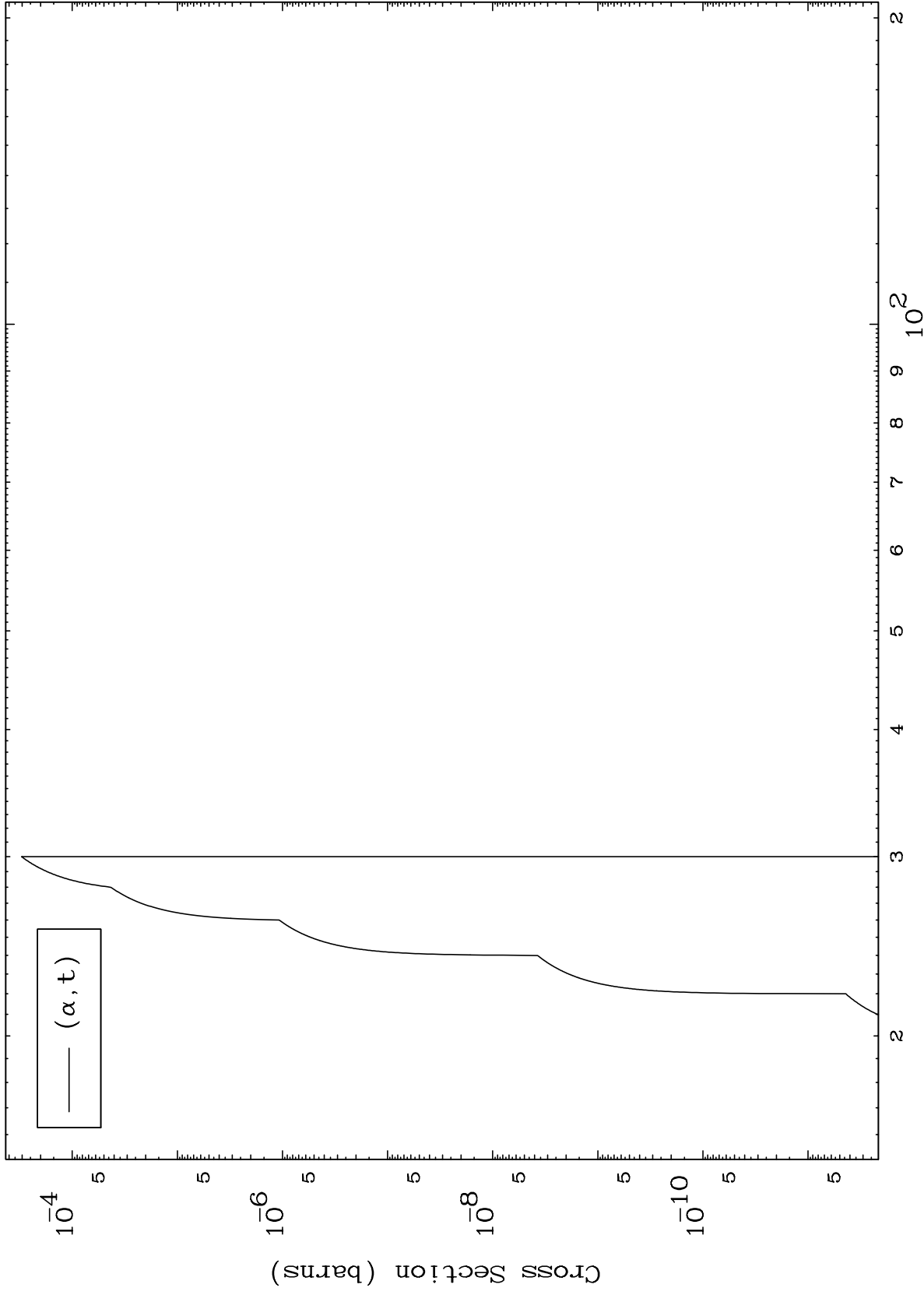


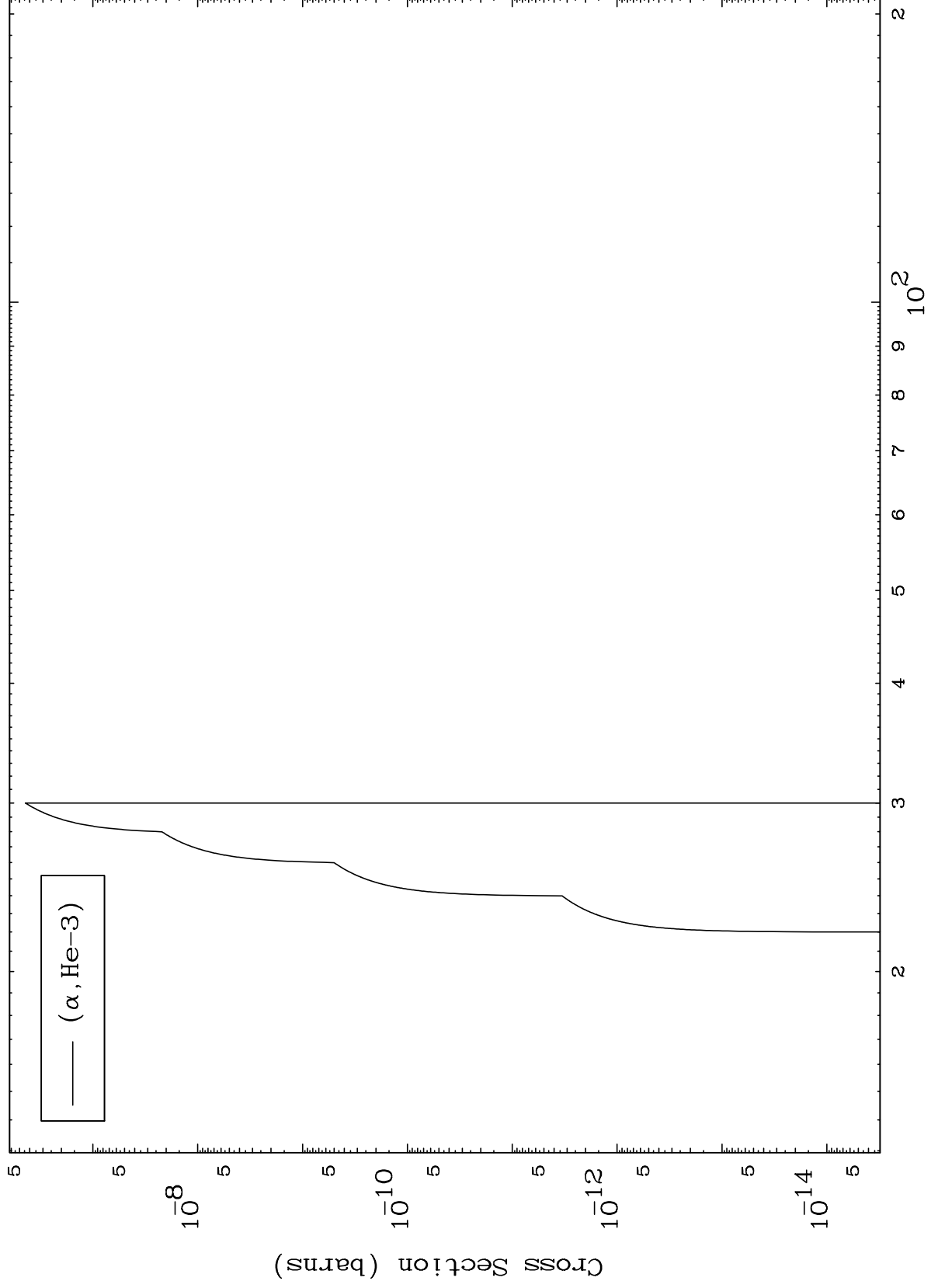
7

Incident Energy (MeV)

79-Au-187





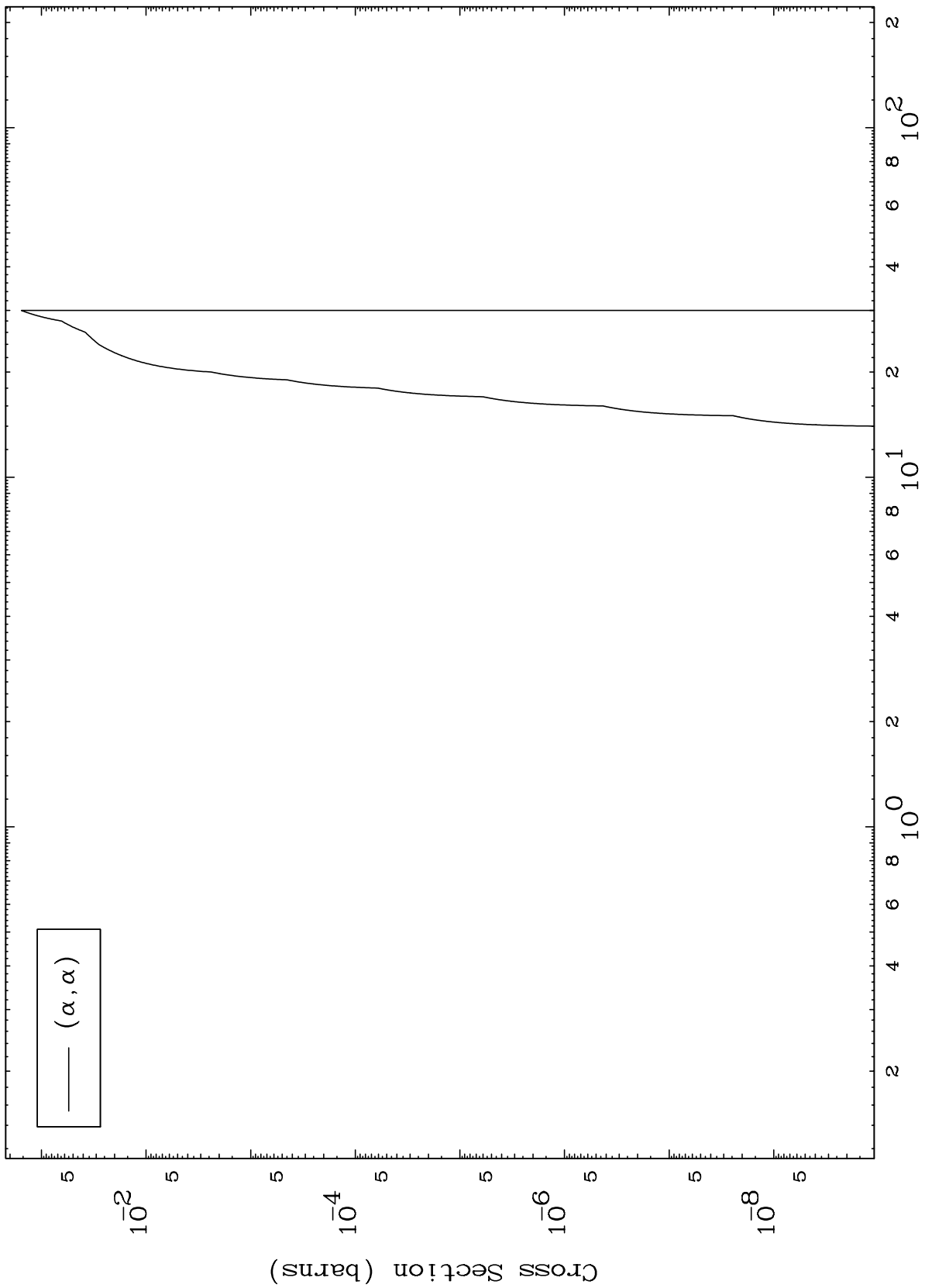


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( $\alpha, \alpha$ ) Levels

79-Au-187

0 Kelvin Cross Sections



10

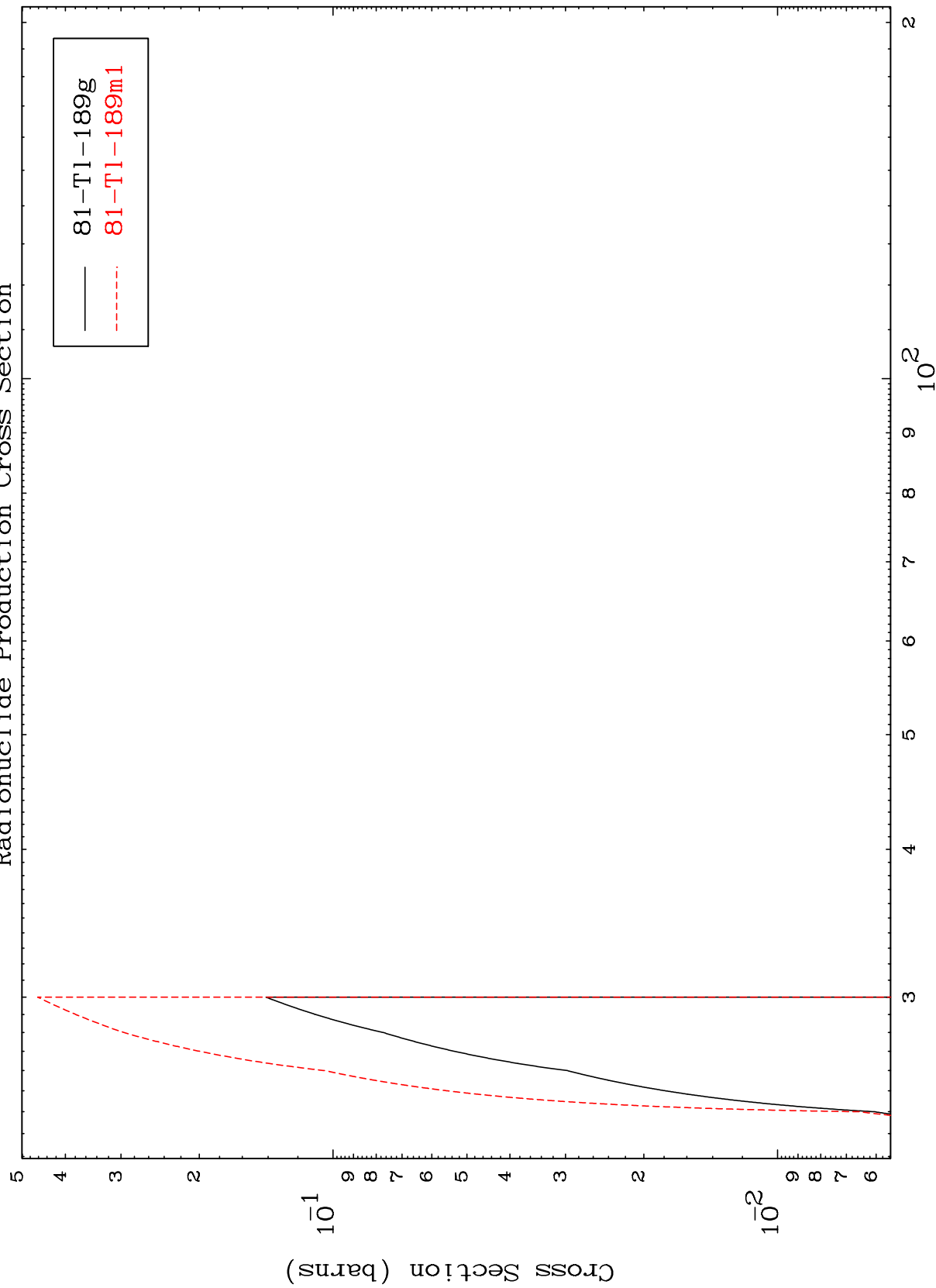
Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187

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



—  $^{81}\text{Tl-189g}$   
- - -  $^{81}\text{Tl-189m1}$

11

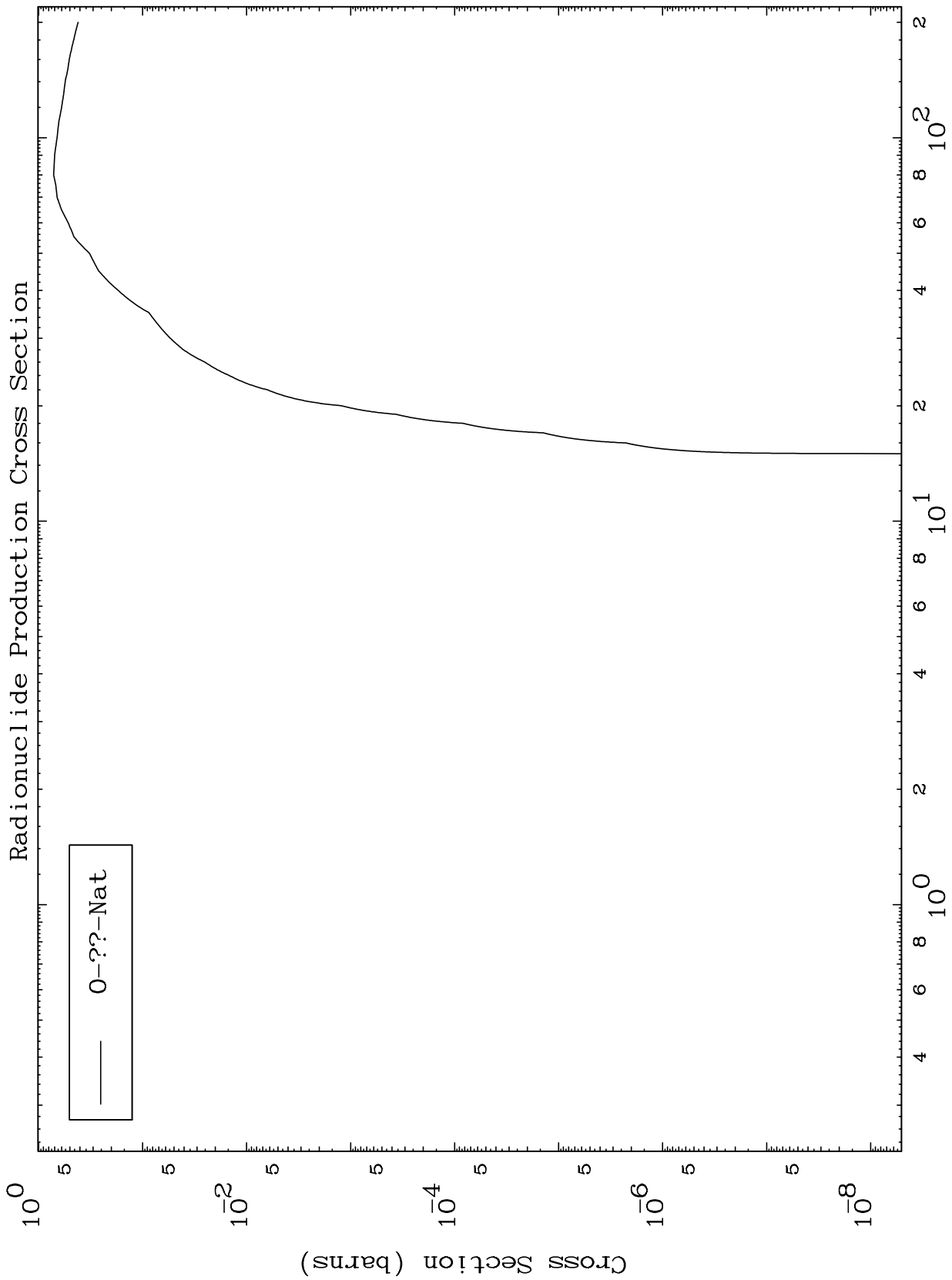
79-Au-187

Incident Energy (MeV)

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79-Au-187

$\alpha$  Fission  
Radionuclide Production Cross Section



12

79-Au-187

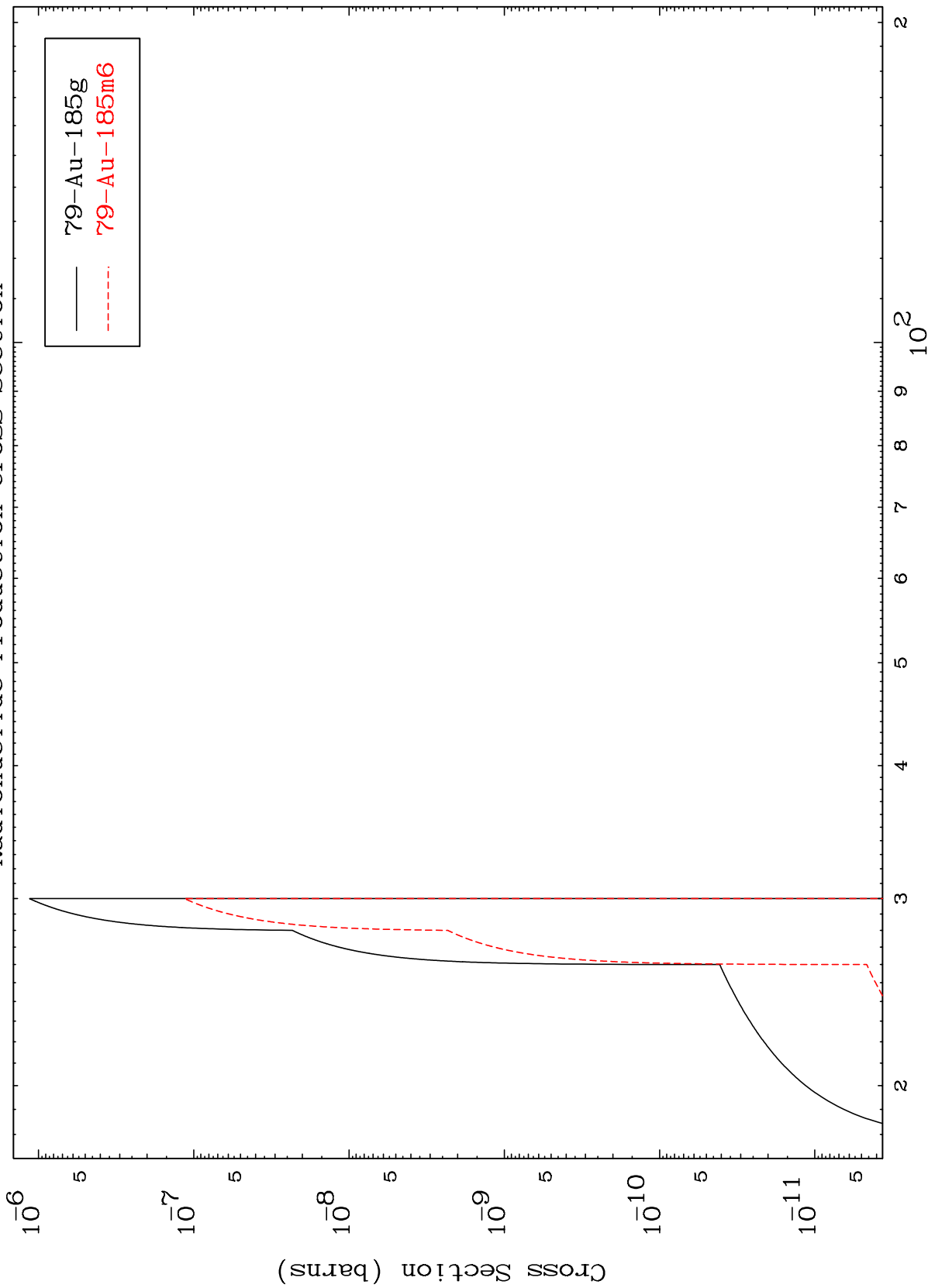
Incident Energy (MeV)

MAT 7895

$(\alpha, 2n) \alpha$

<sup>79</sup>Au-187

Radionuclide Production Cross Section

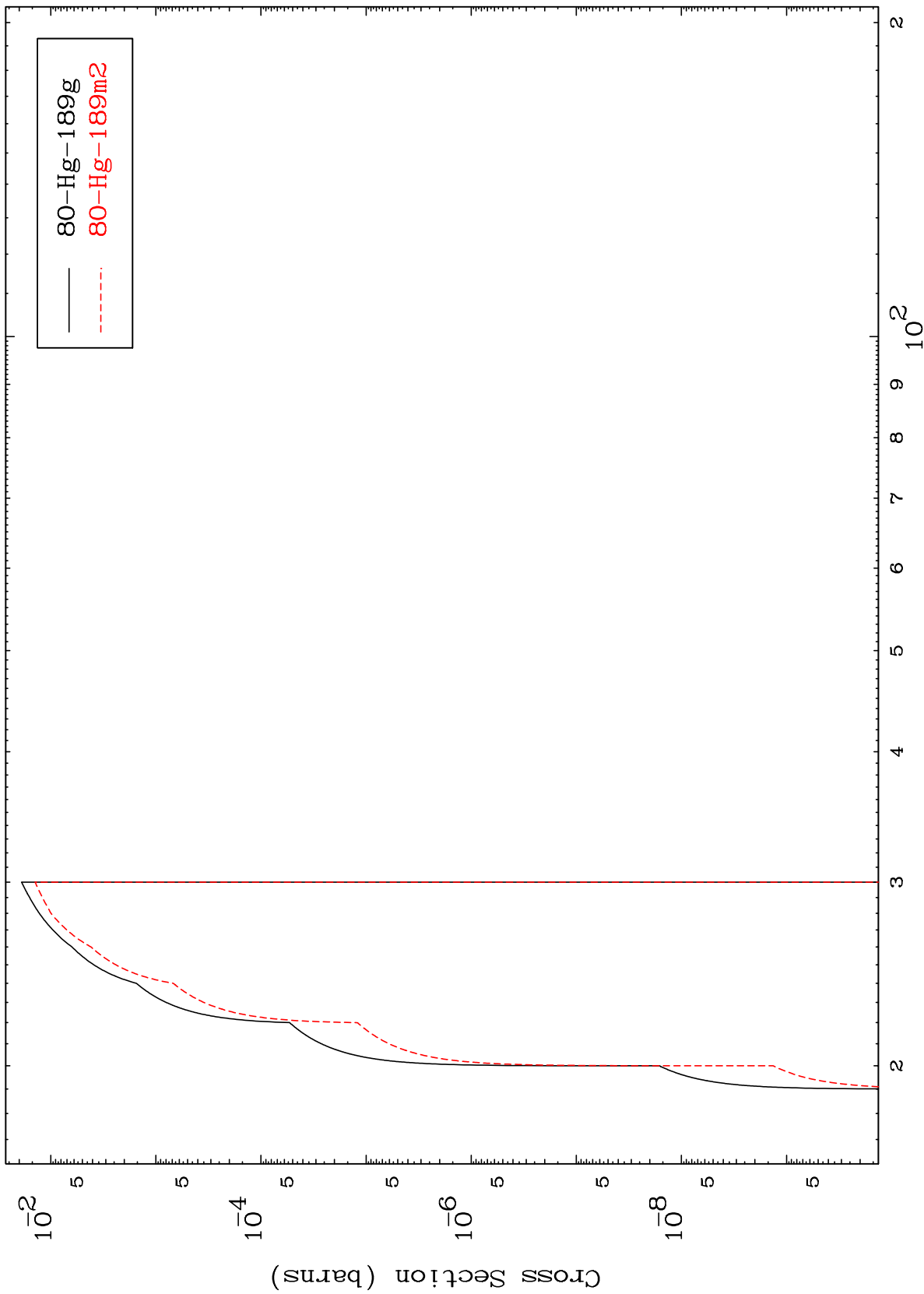


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$(\alpha, n')$  p

79-Au-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

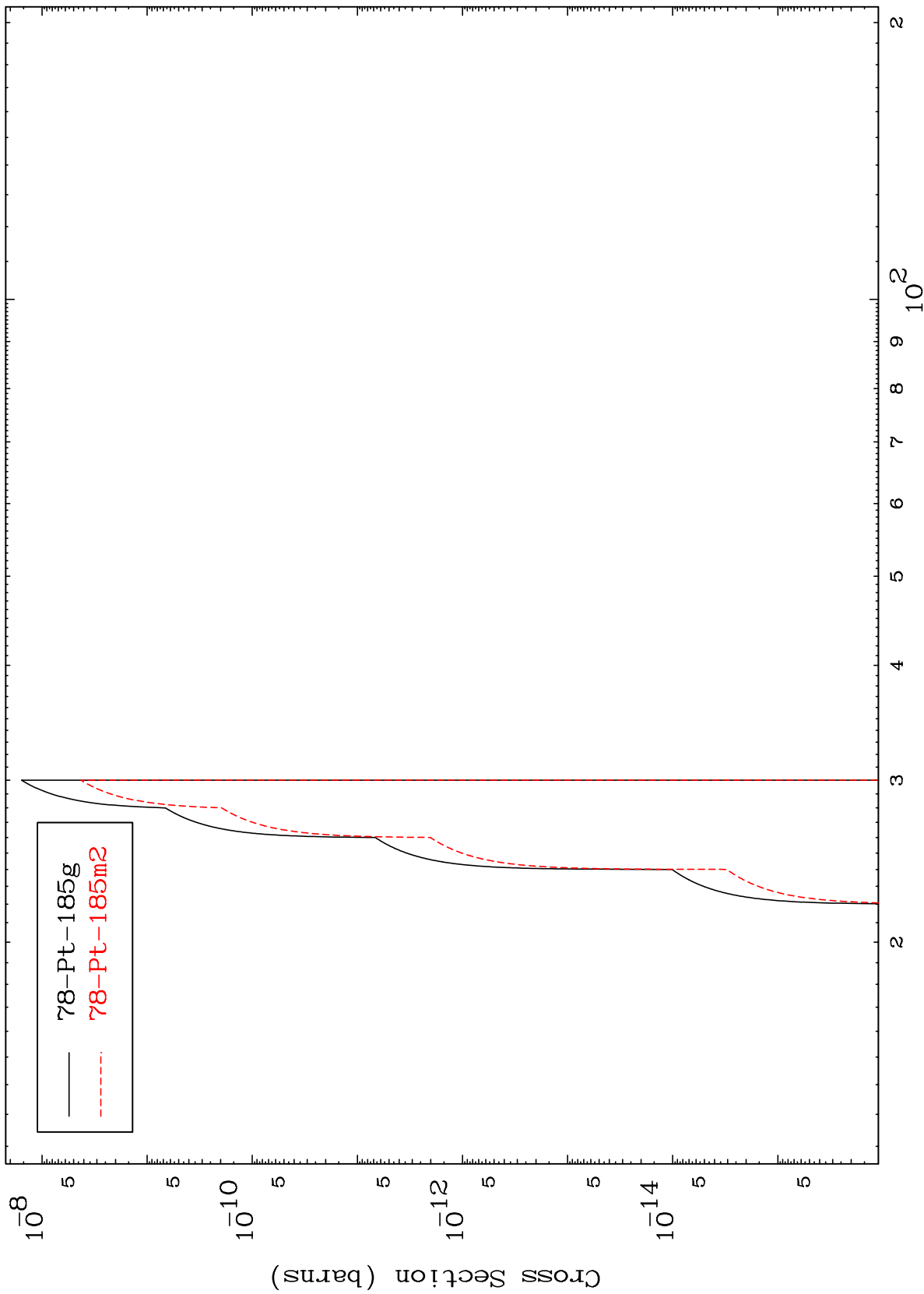
79-Au-187

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<sup>79</sup>Au-187

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

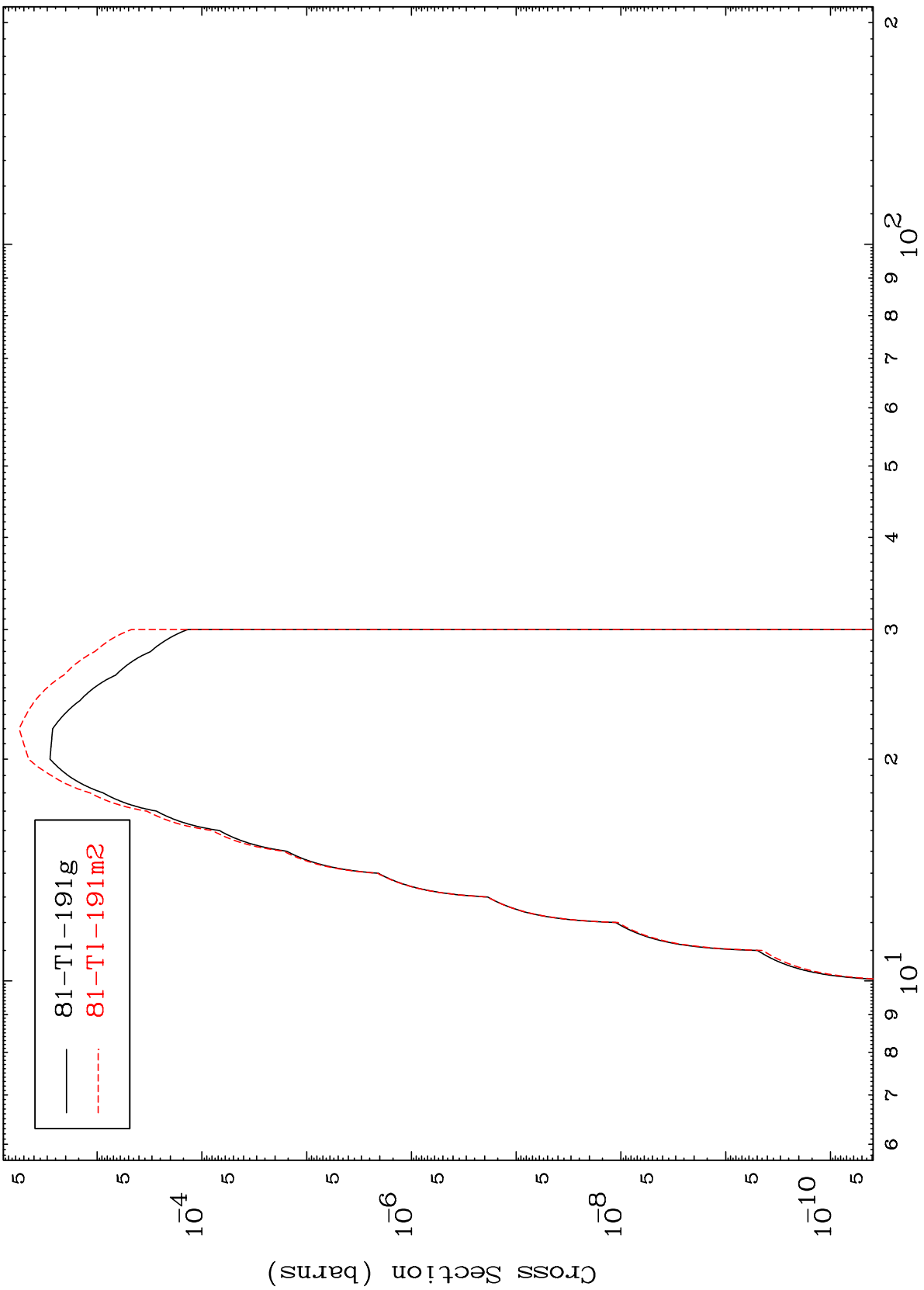
<sup>79</sup>Au-187



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79-Au-187

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



81-Tl-191g  
81-Tl-191m2

16

Incident Energy (MeV)

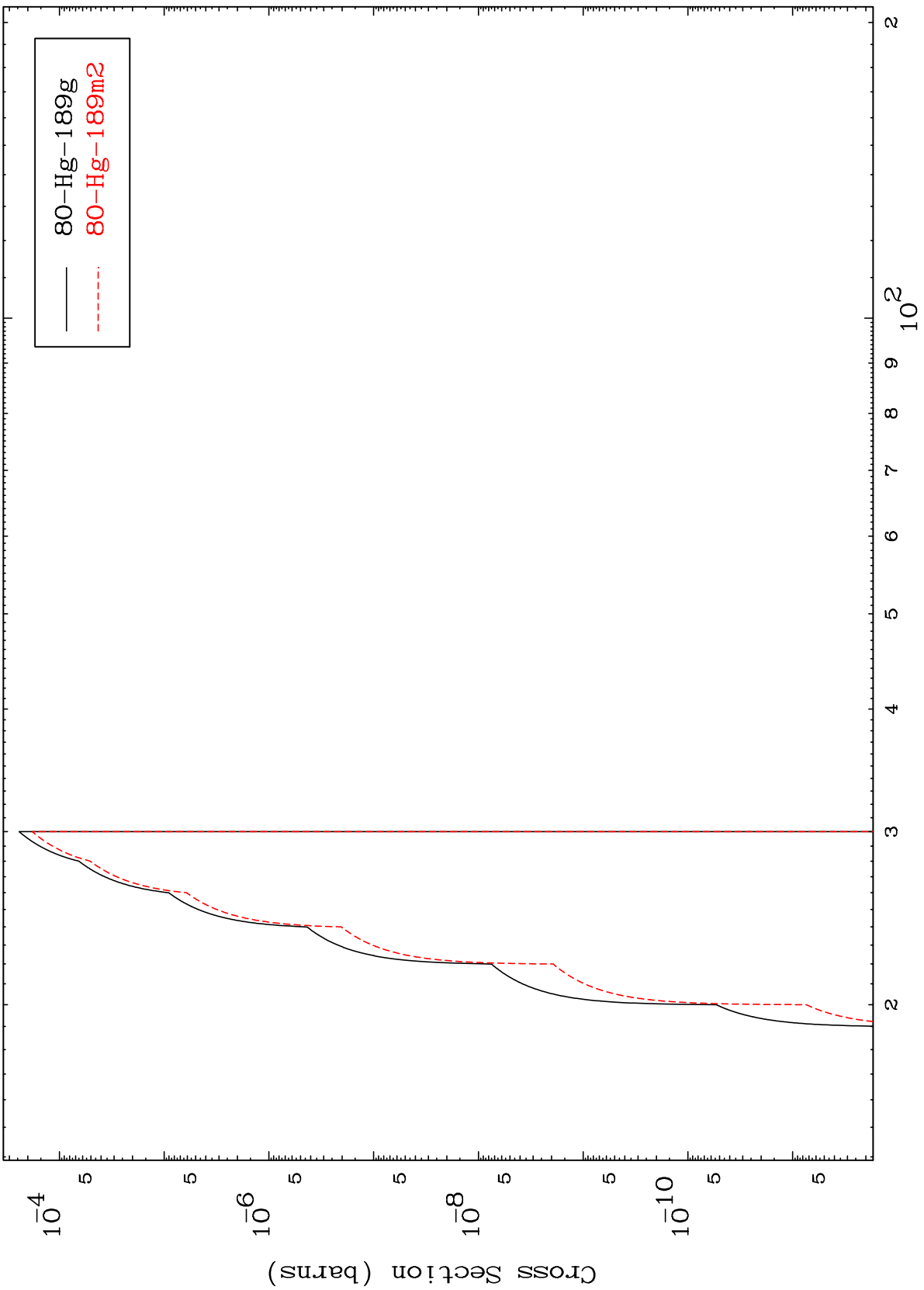
79-Au-187

MAT 7895

( $\alpha, d$ )

79-Au-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

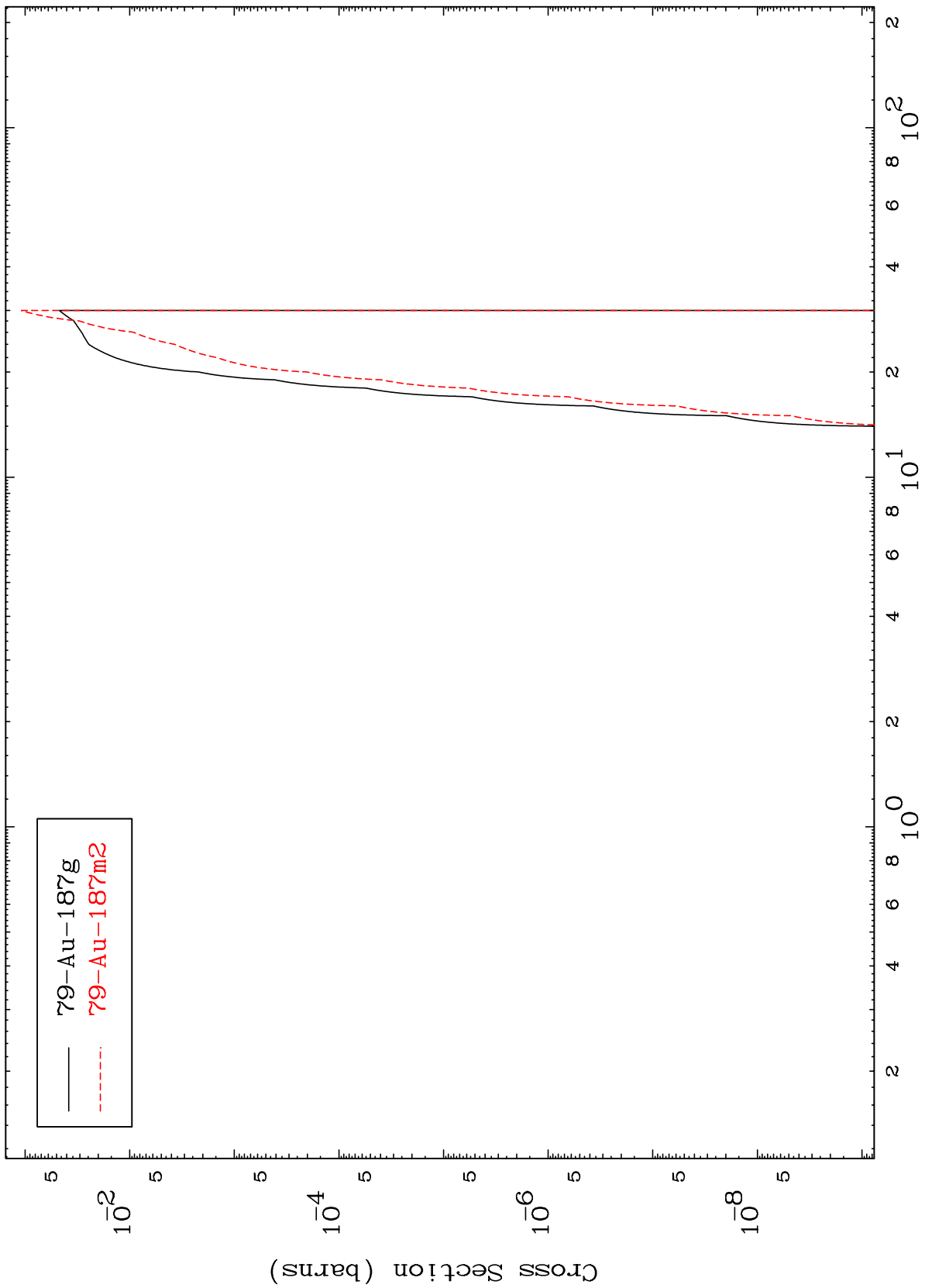
79-Au-187

MAT 7895

( $\alpha, \alpha$ )

<sup>79</sup>Au-187

Radionuclide Production Cross Section



18

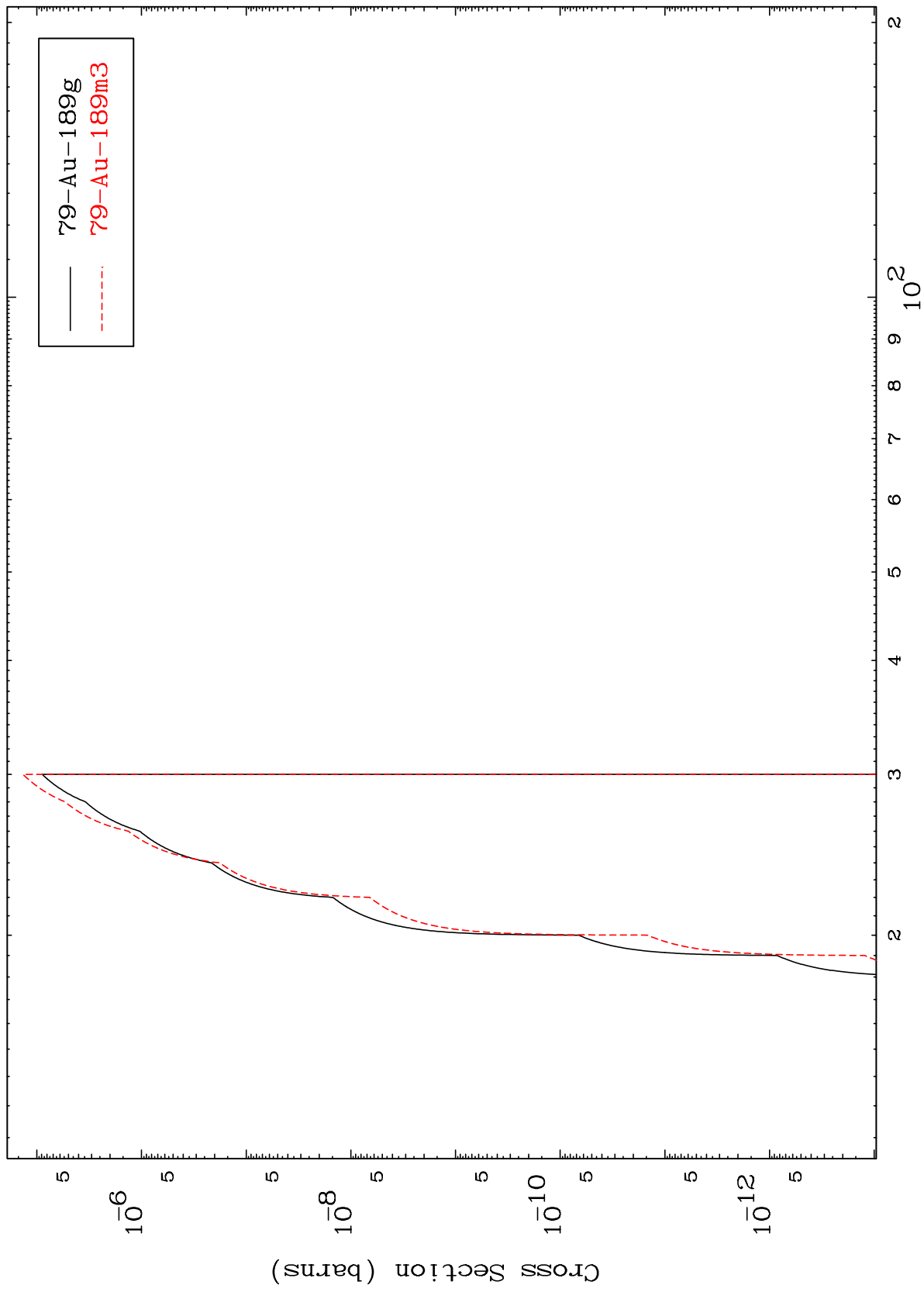
Incident Energy (MeV)

<sup>79</sup>Au-187

MAT 7895

79-Au-187

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



19

Incident Energy (MeV)

79-Au-187