

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

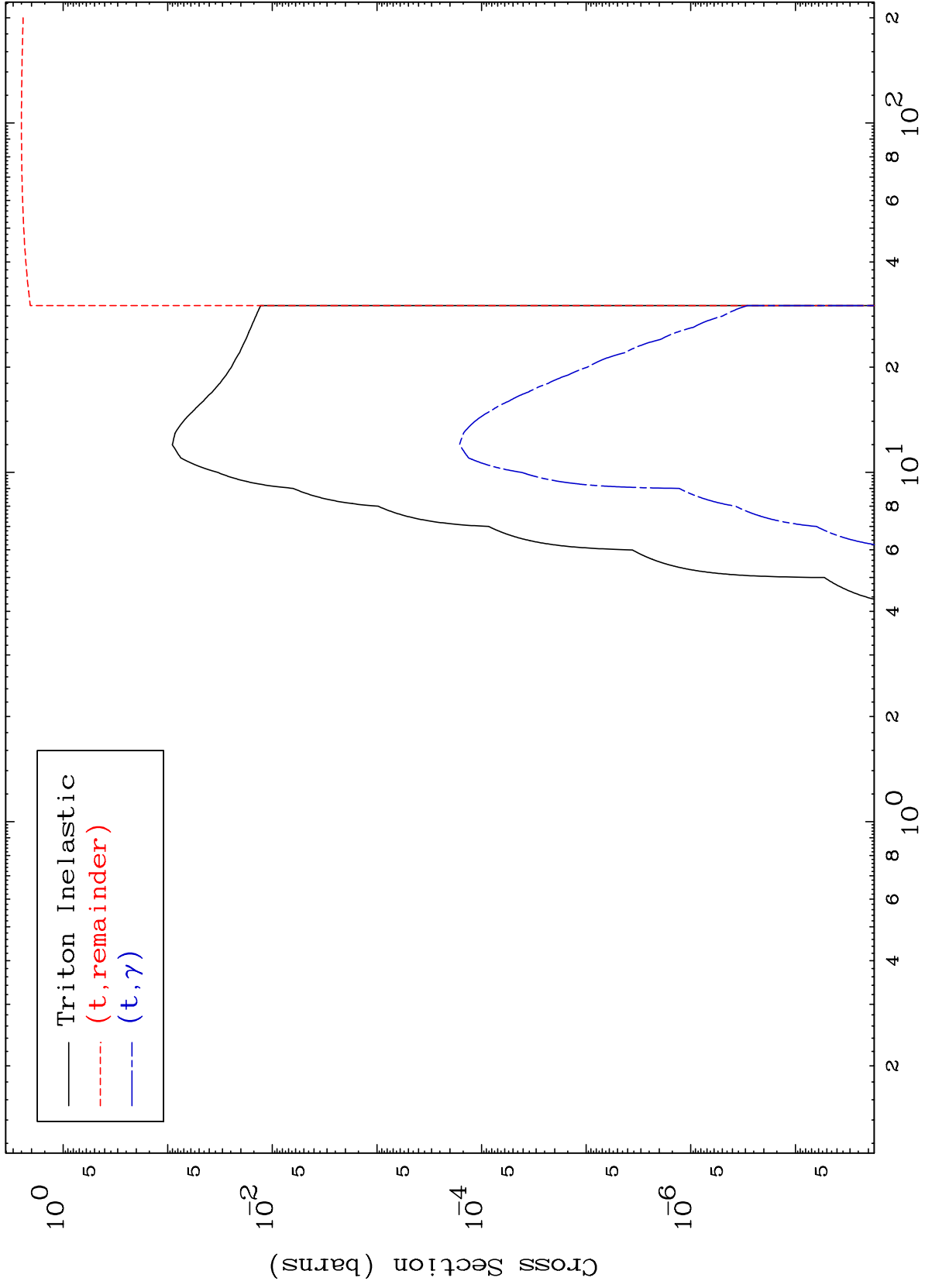
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

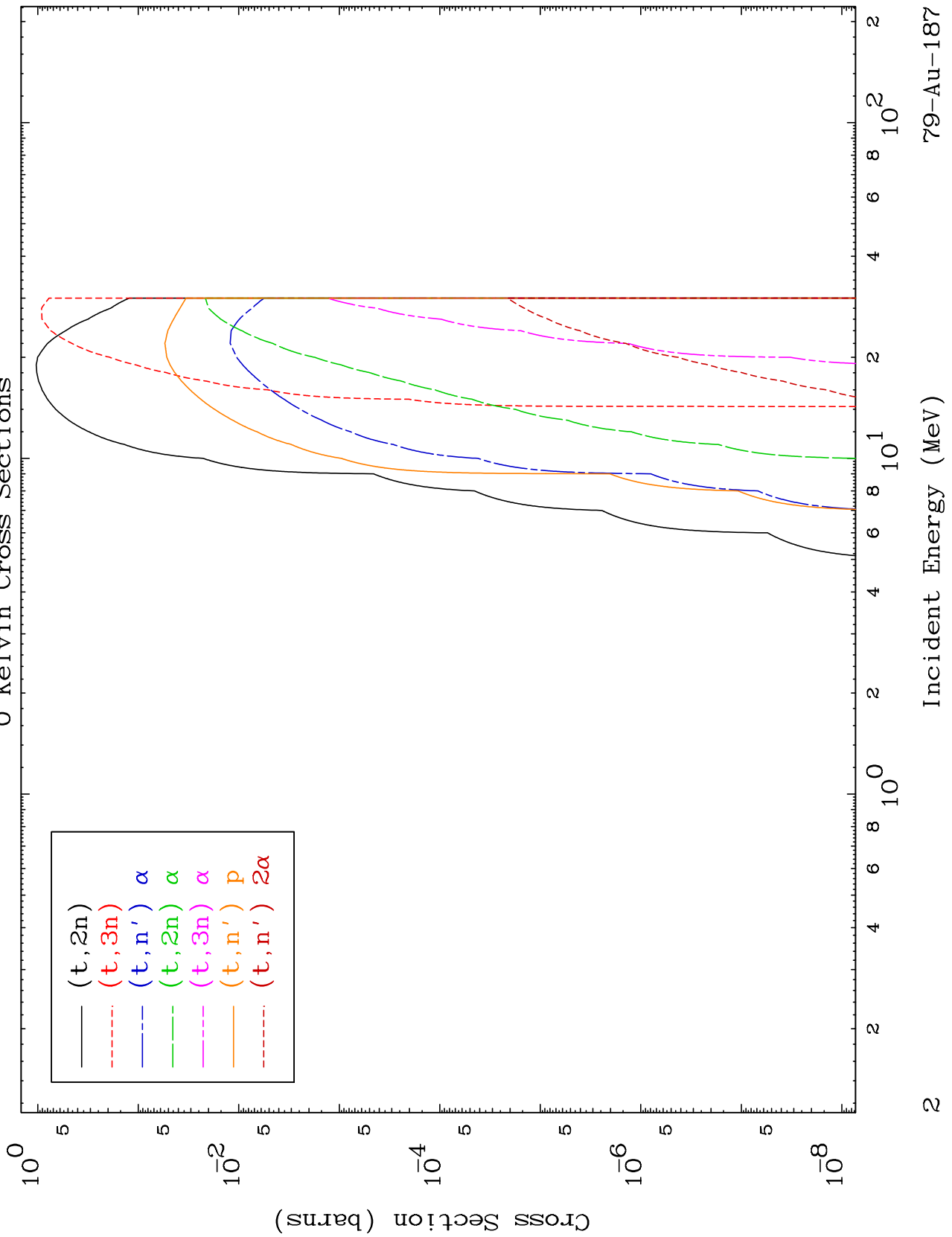
Press Mouse Button to Start



MAT 7896

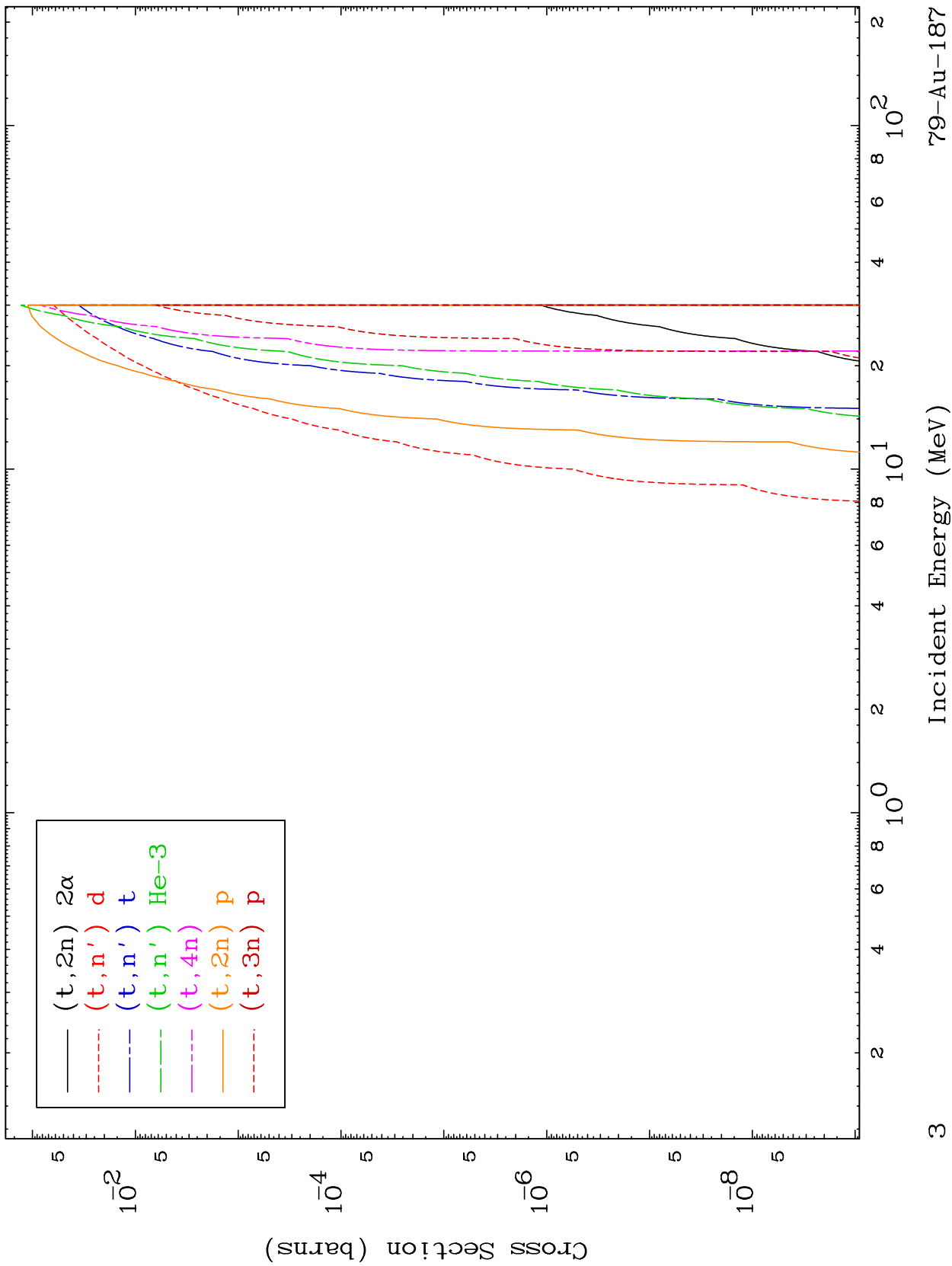
Triton Neutron Production  
0 Kelvin Cross Sections

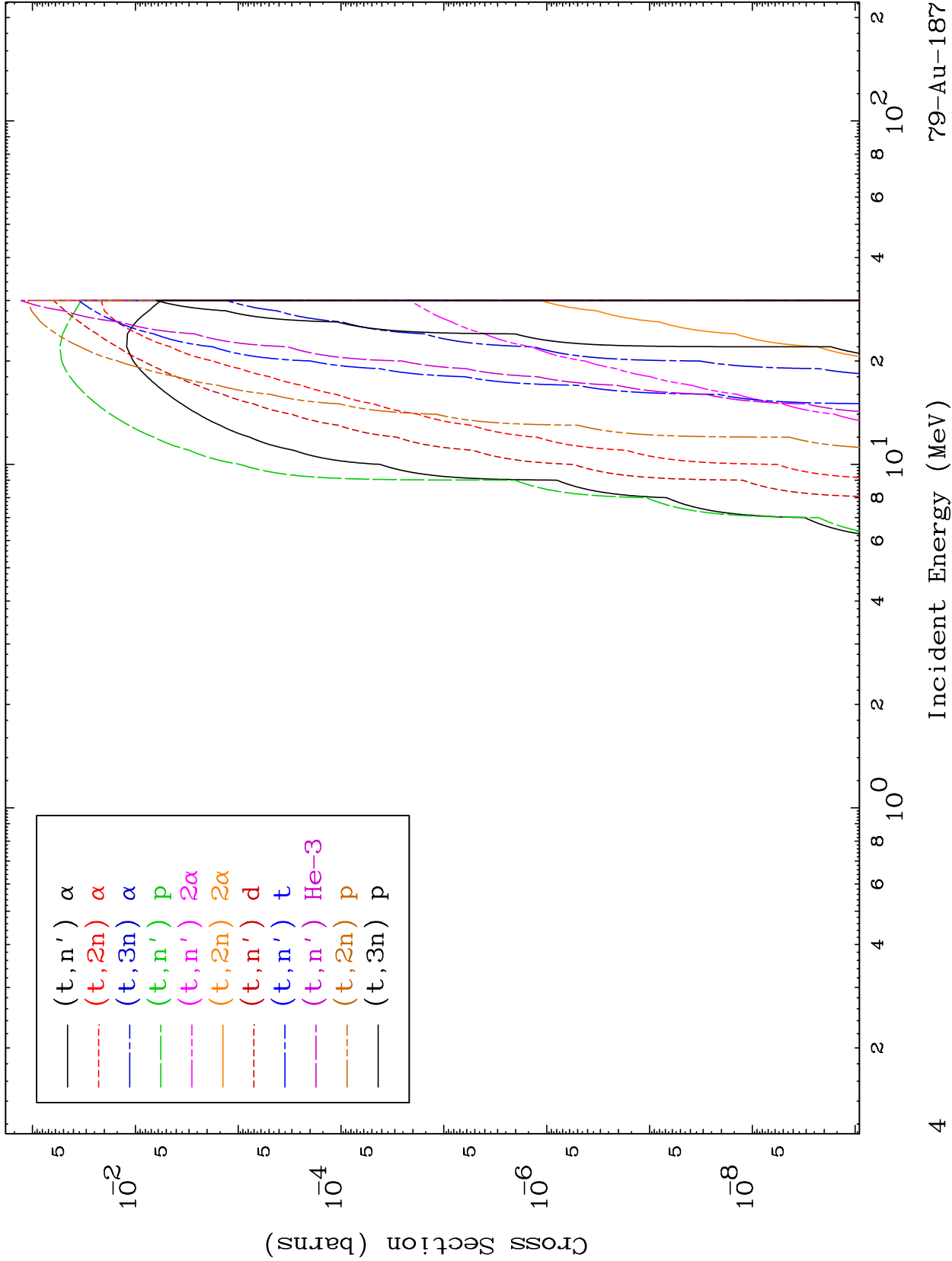
79-Au-187

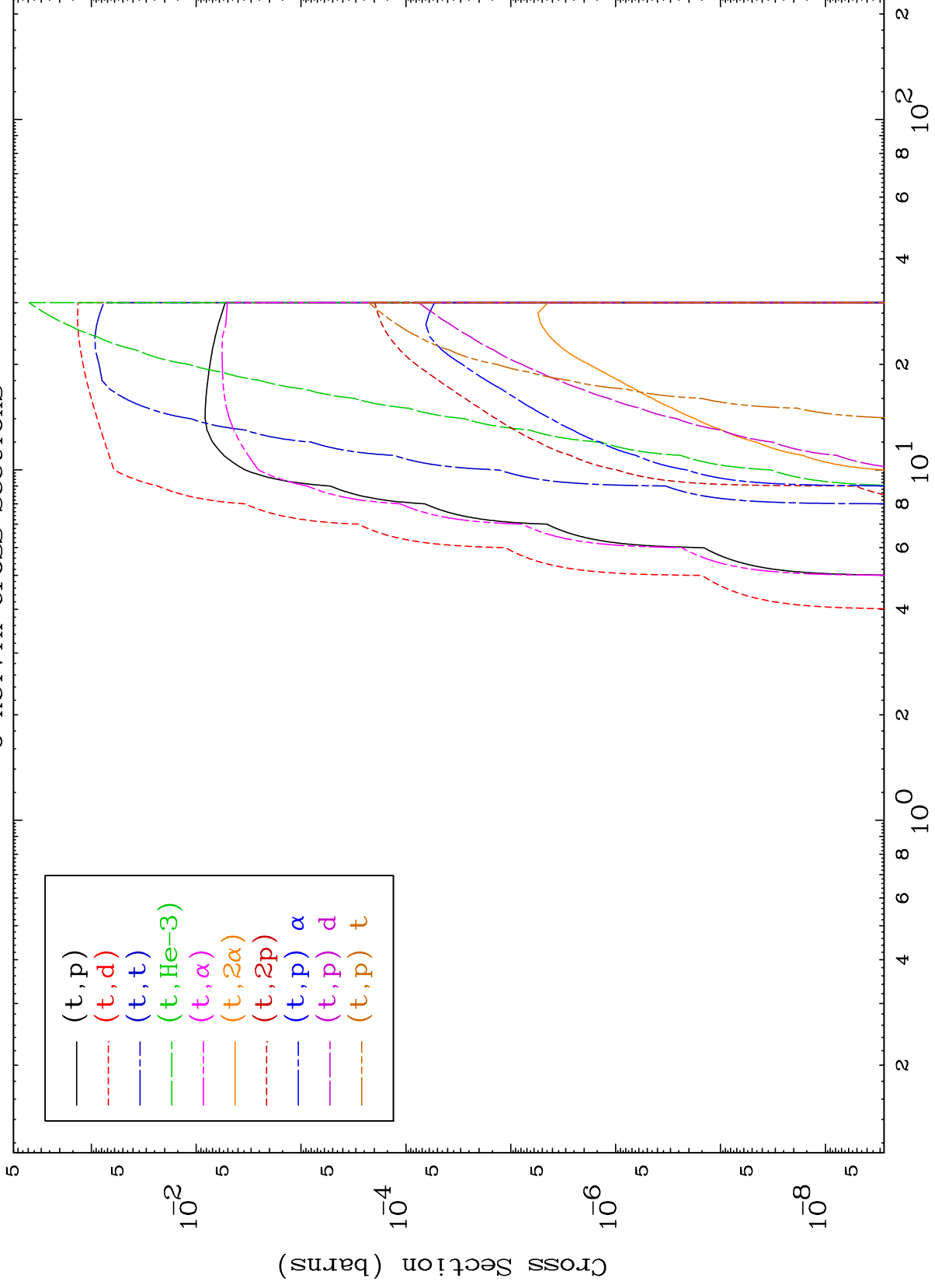


79-Au-187

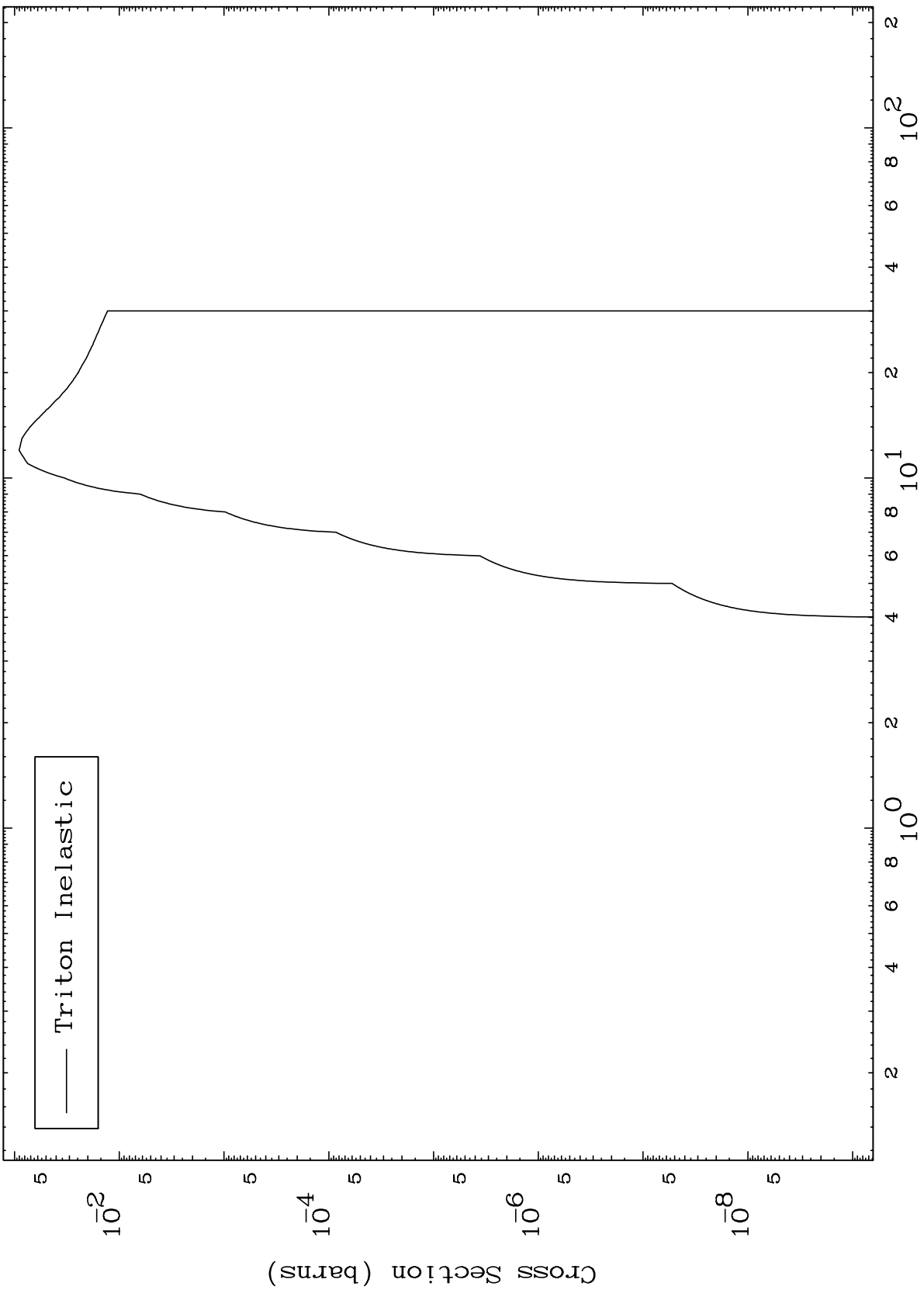
Incident Energy (MeV)







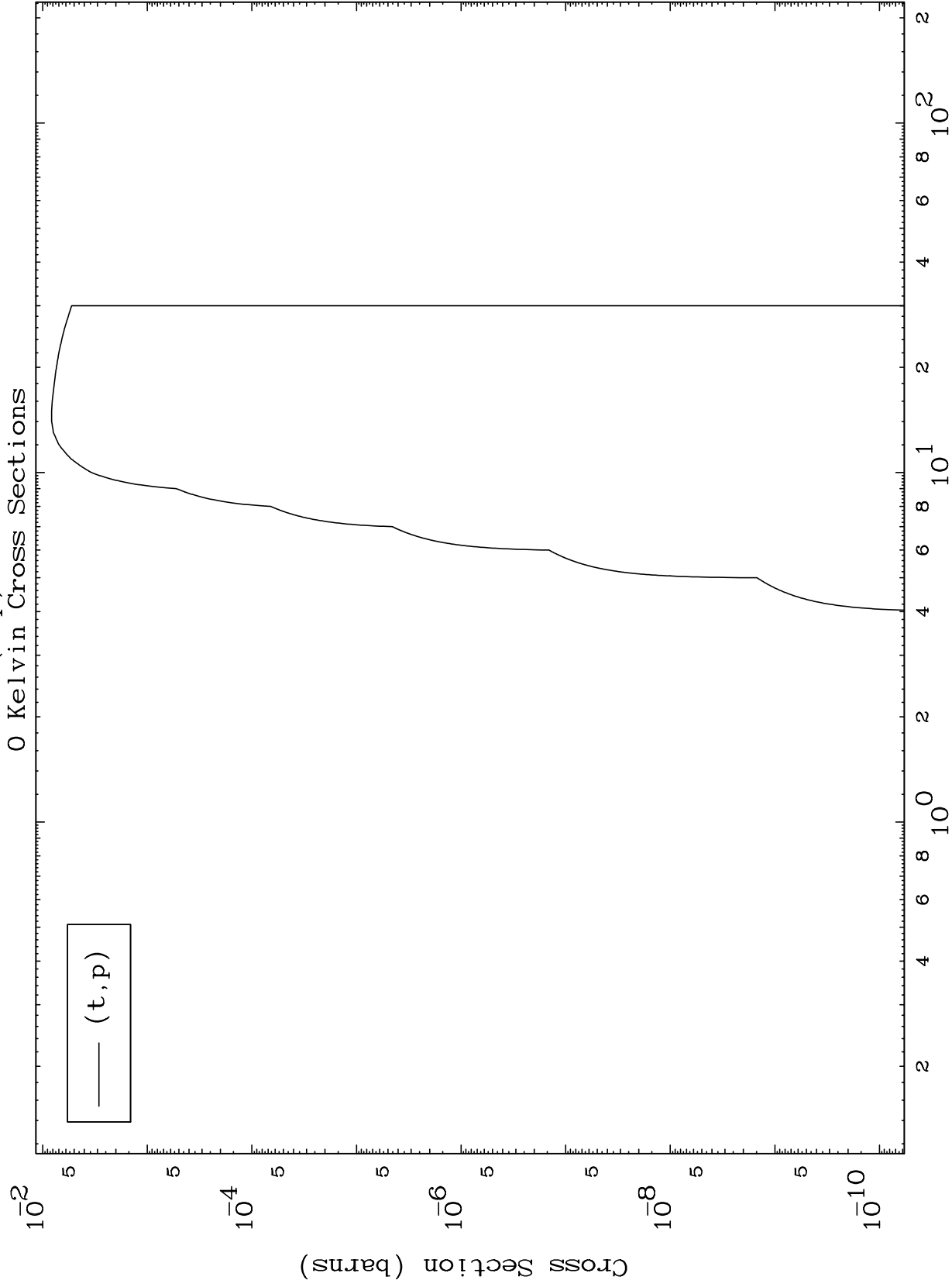
0 Kelvin Cross Sections



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(t,p) Levels

79-Au-187

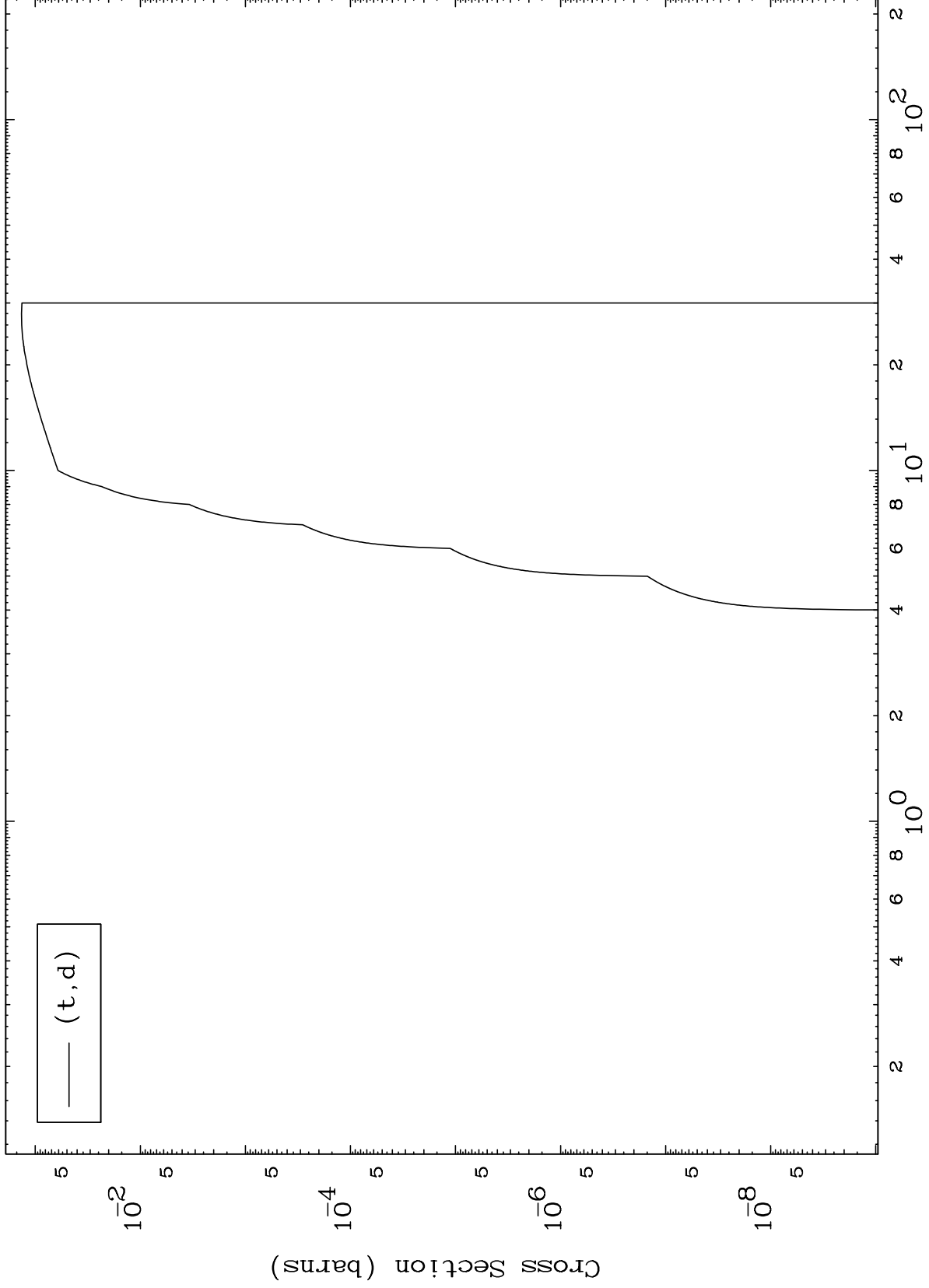


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Incident Energy (MeV)

79-Au-187



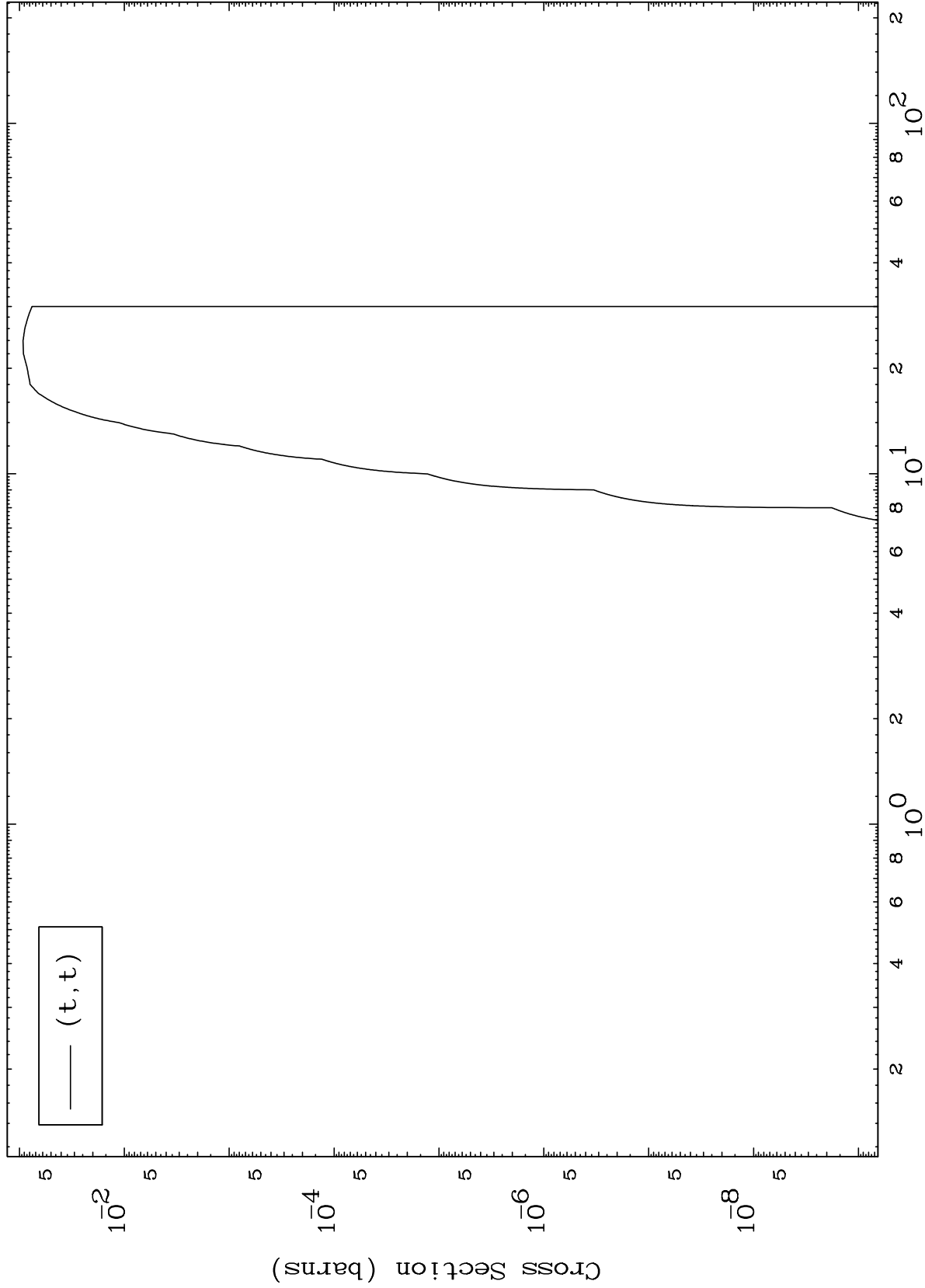


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(t, t) Levels

79-Au-187

0 Kelvin Cross Sections

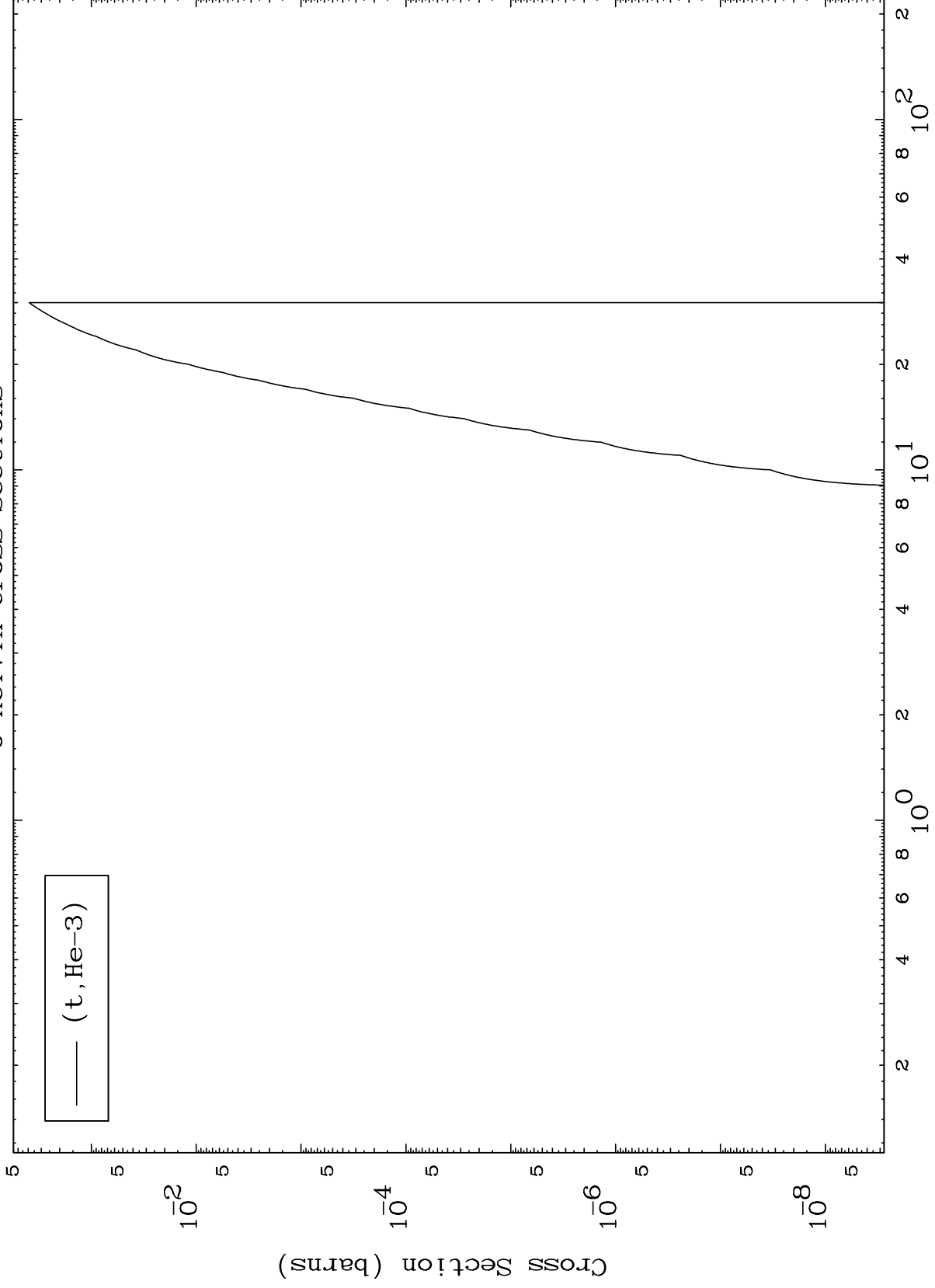


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(t,He3) Levels

79-Au-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

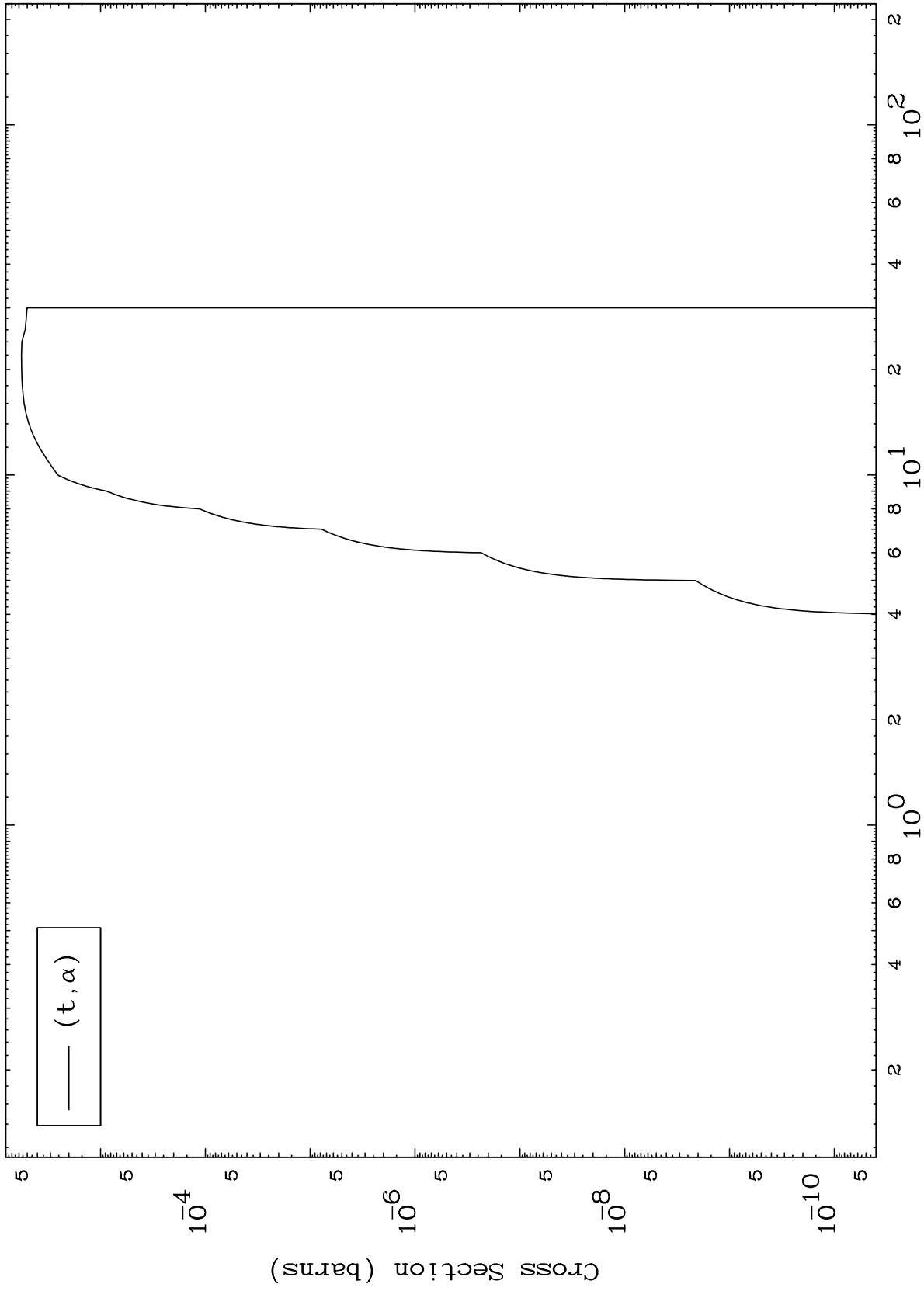
79-Au-187

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(t,  $\alpha$ ) Levels

79-Au-187

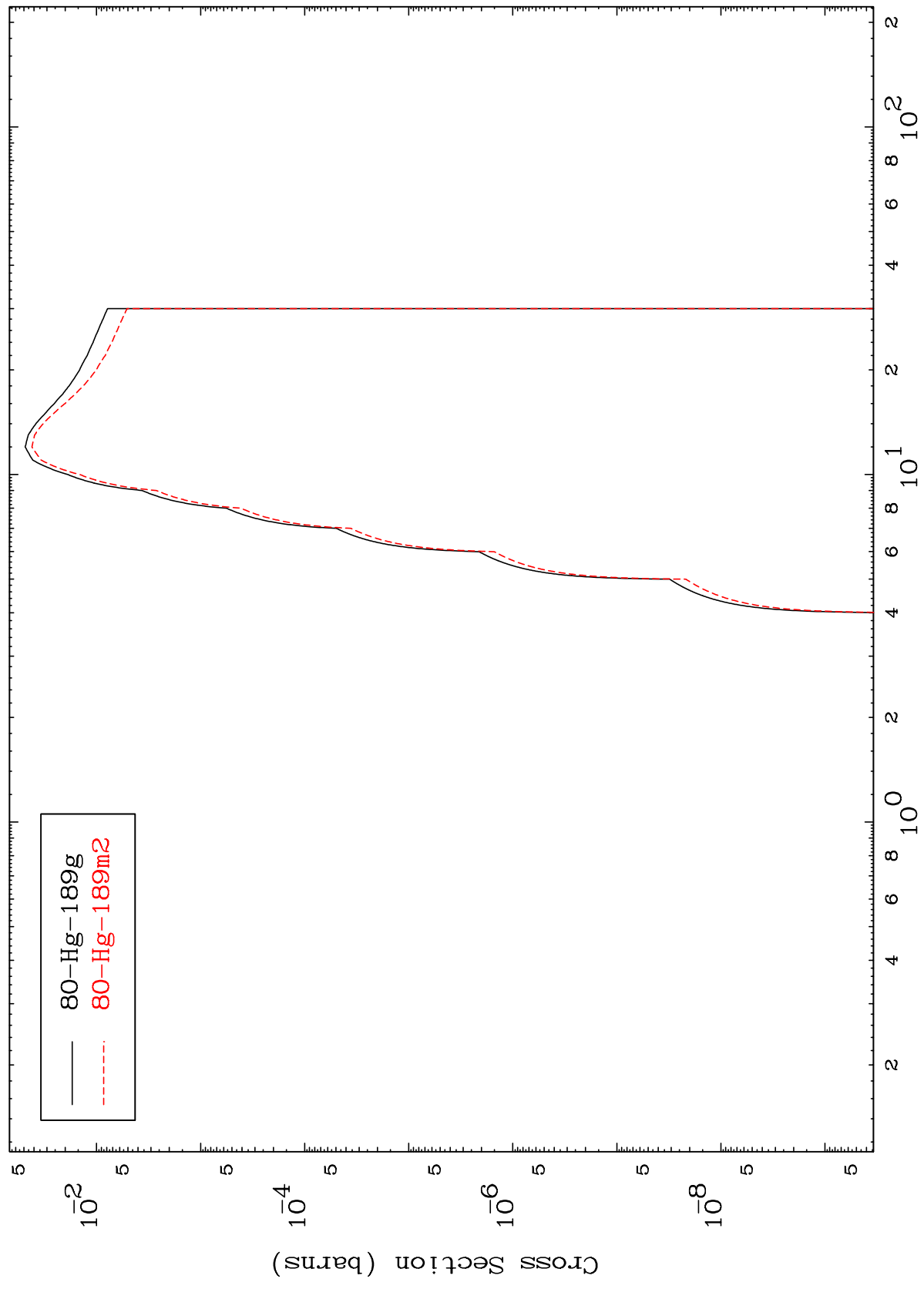
0 Kelvin Cross Sections



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Triton Inelastic  
Radionuclide Production Cross Section

79-Au-187



80-Hg-189g  
80-Hg-189m2

12

Incident Energy (MeV)

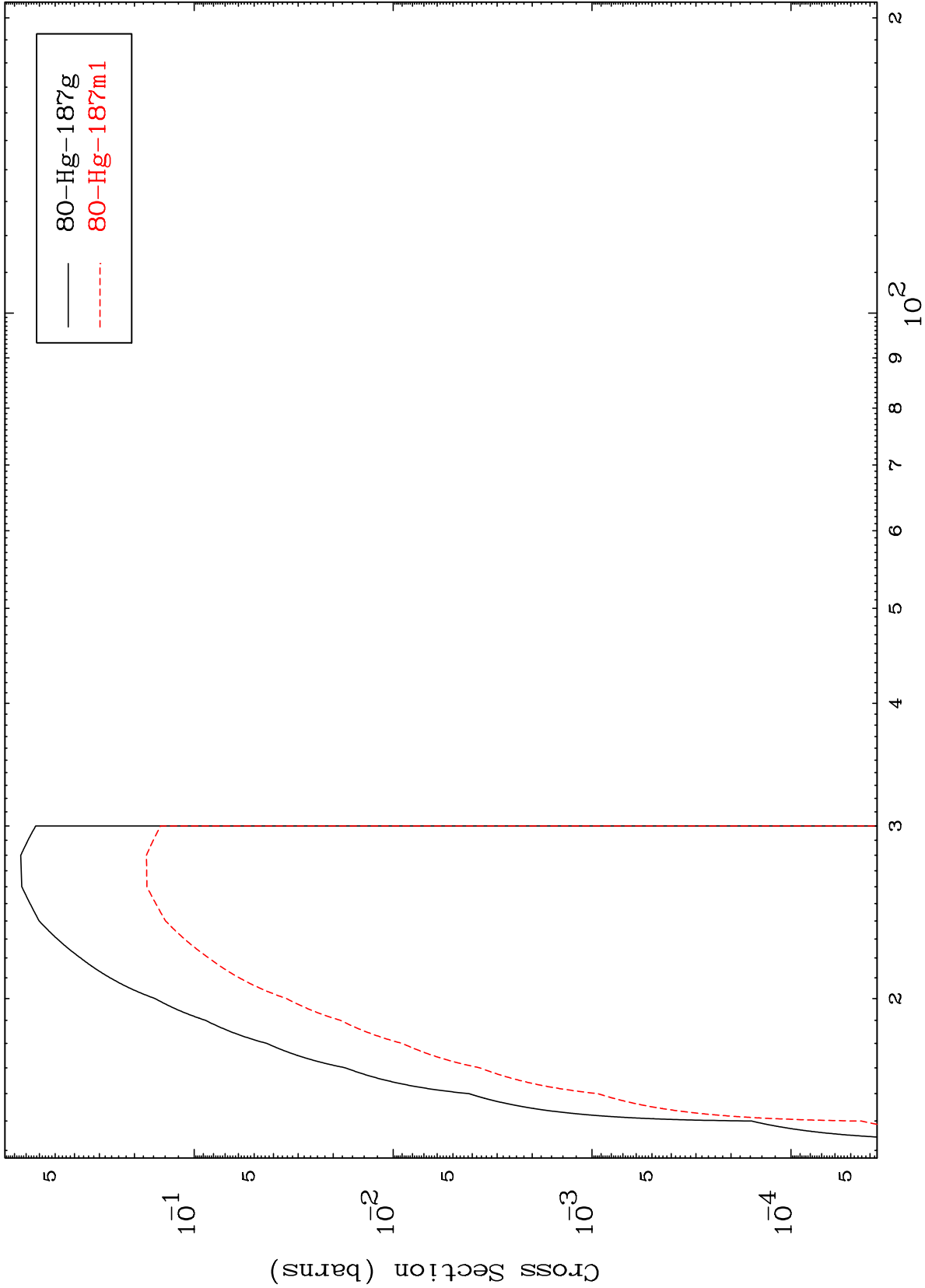
79-Au-187

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(t,3n)

79-Au-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

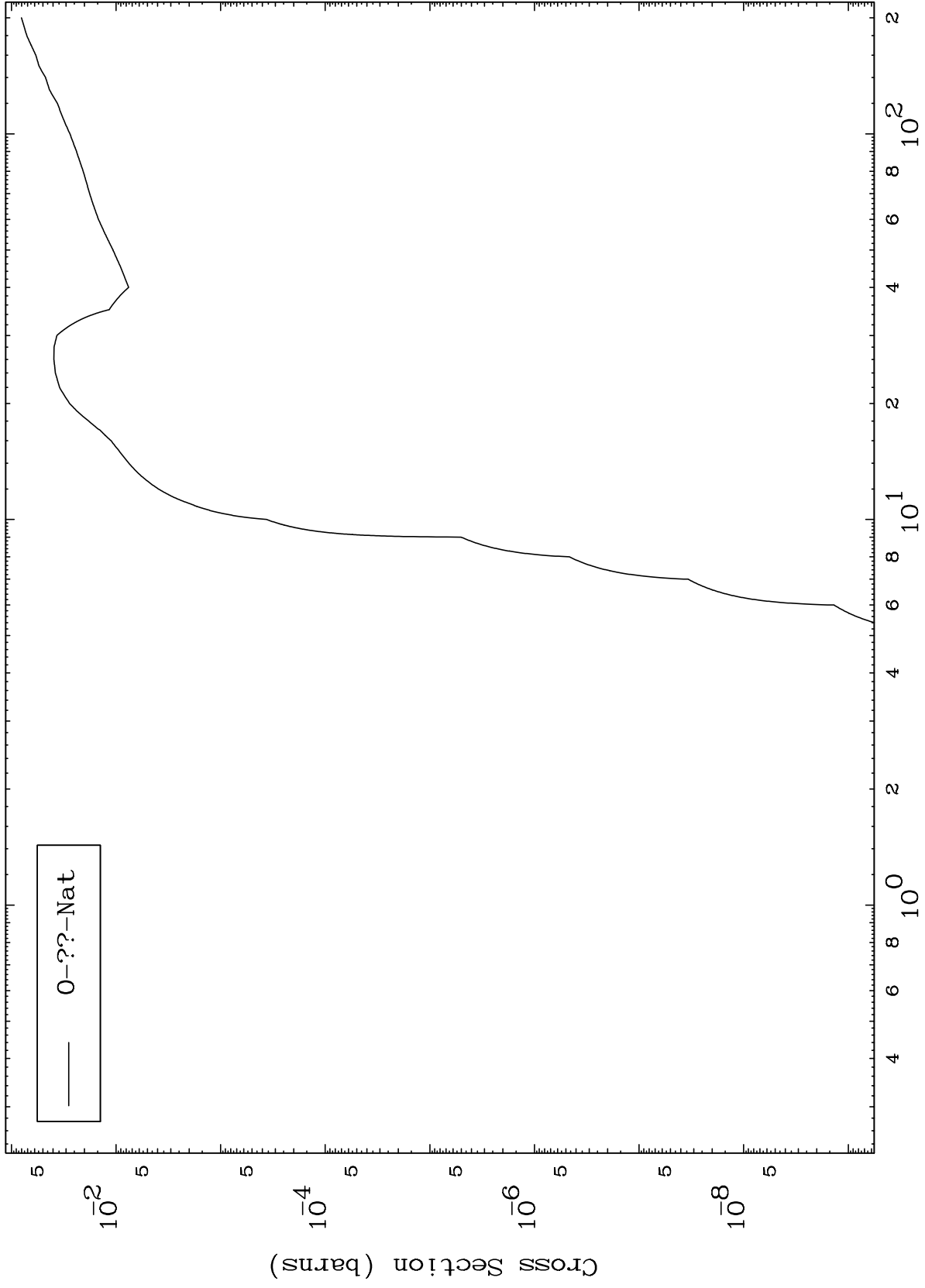
79-Au-187

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Triton Fission

79-Au-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

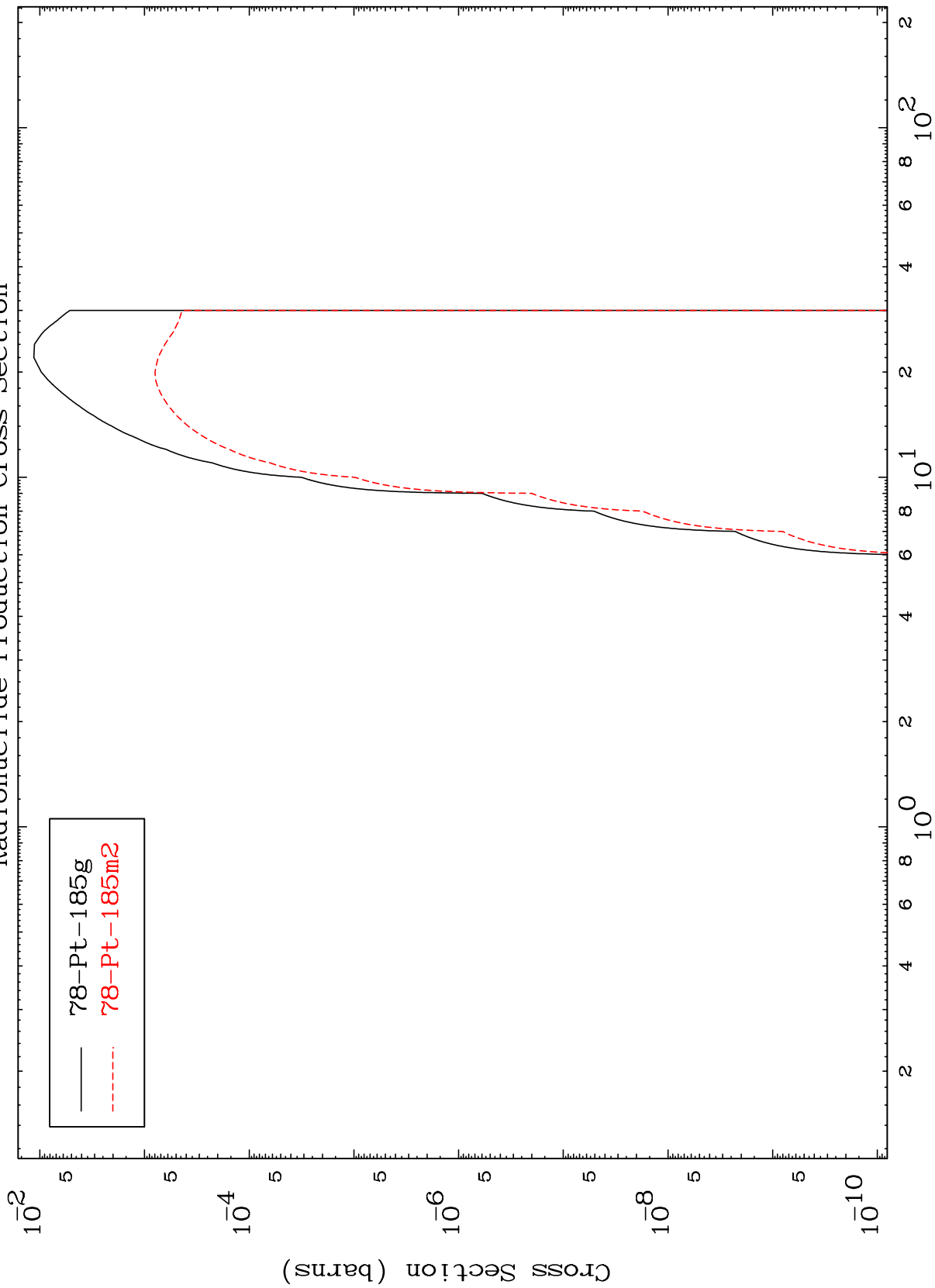
79-Au-187

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$(t, n') \alpha$

$^{79}\text{Au-187}$

Radionuclide Production Cross Section



78-Pt-185g  
78-Pt-185m2

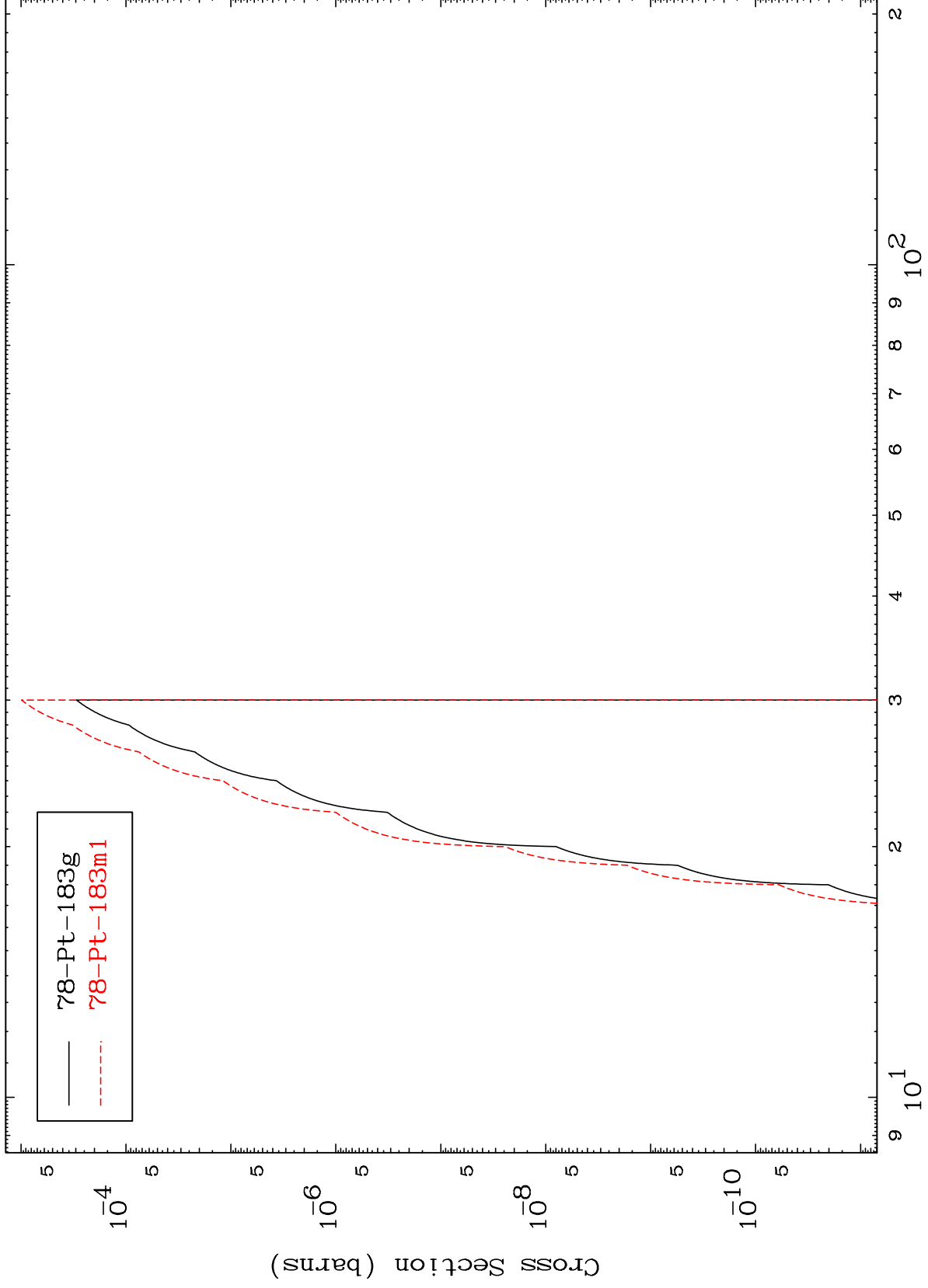


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(t,3n)  $\alpha$

79-Au-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

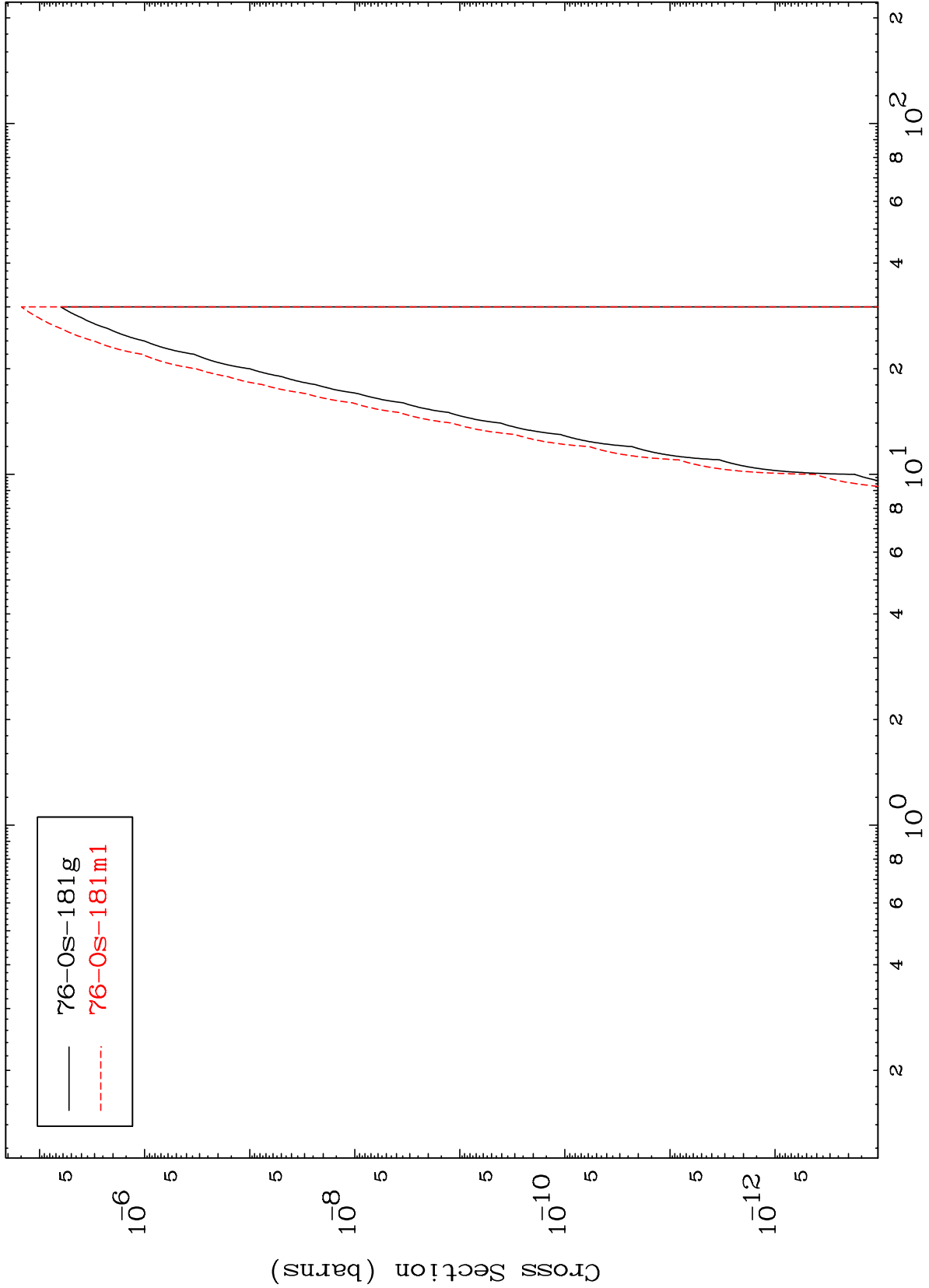
79-Au-187

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(t,n') 2 $\alpha$

79-Au-187

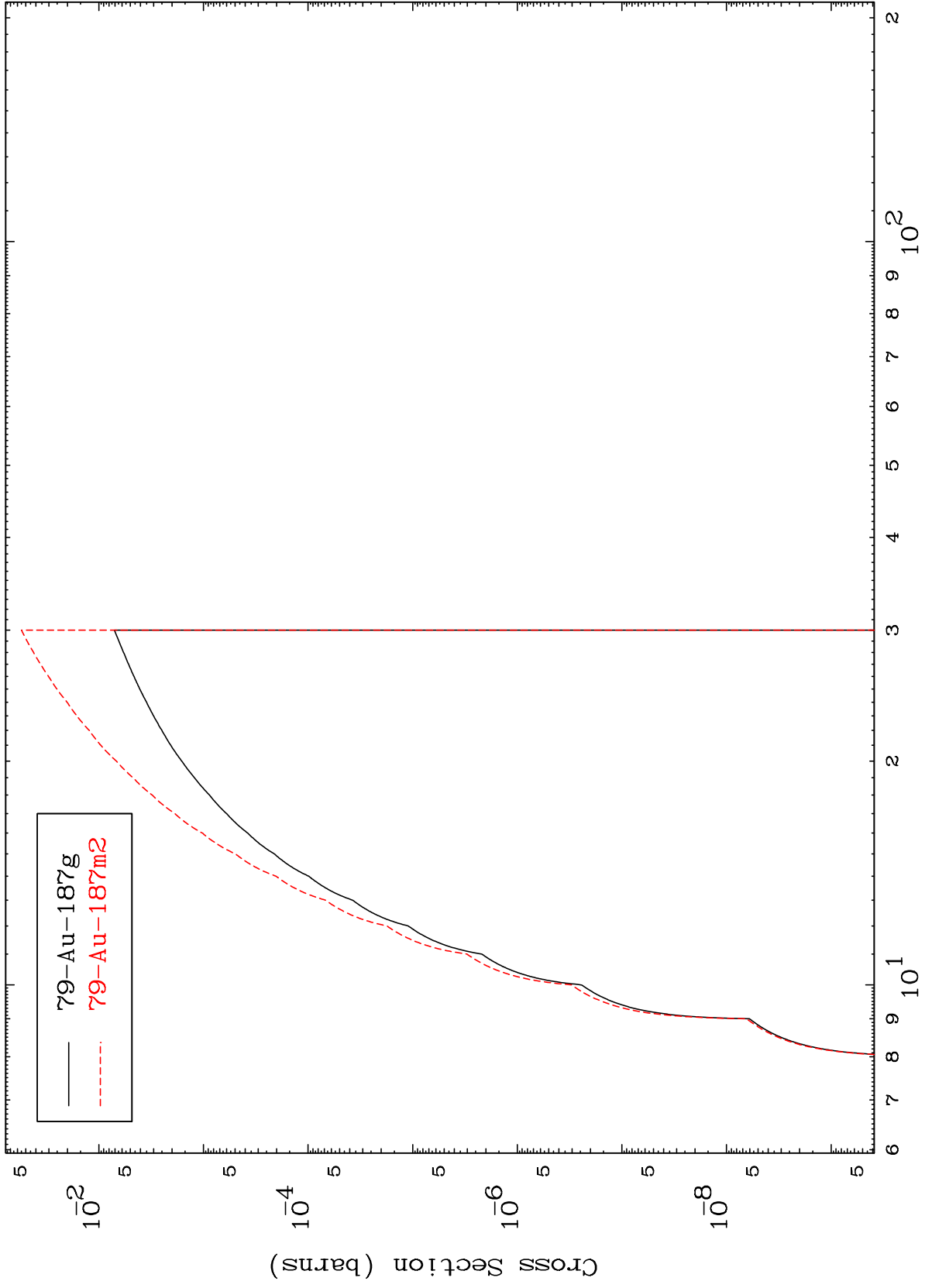
Radionuclide Production Cross Section



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79-Au-187

(t,n') d  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

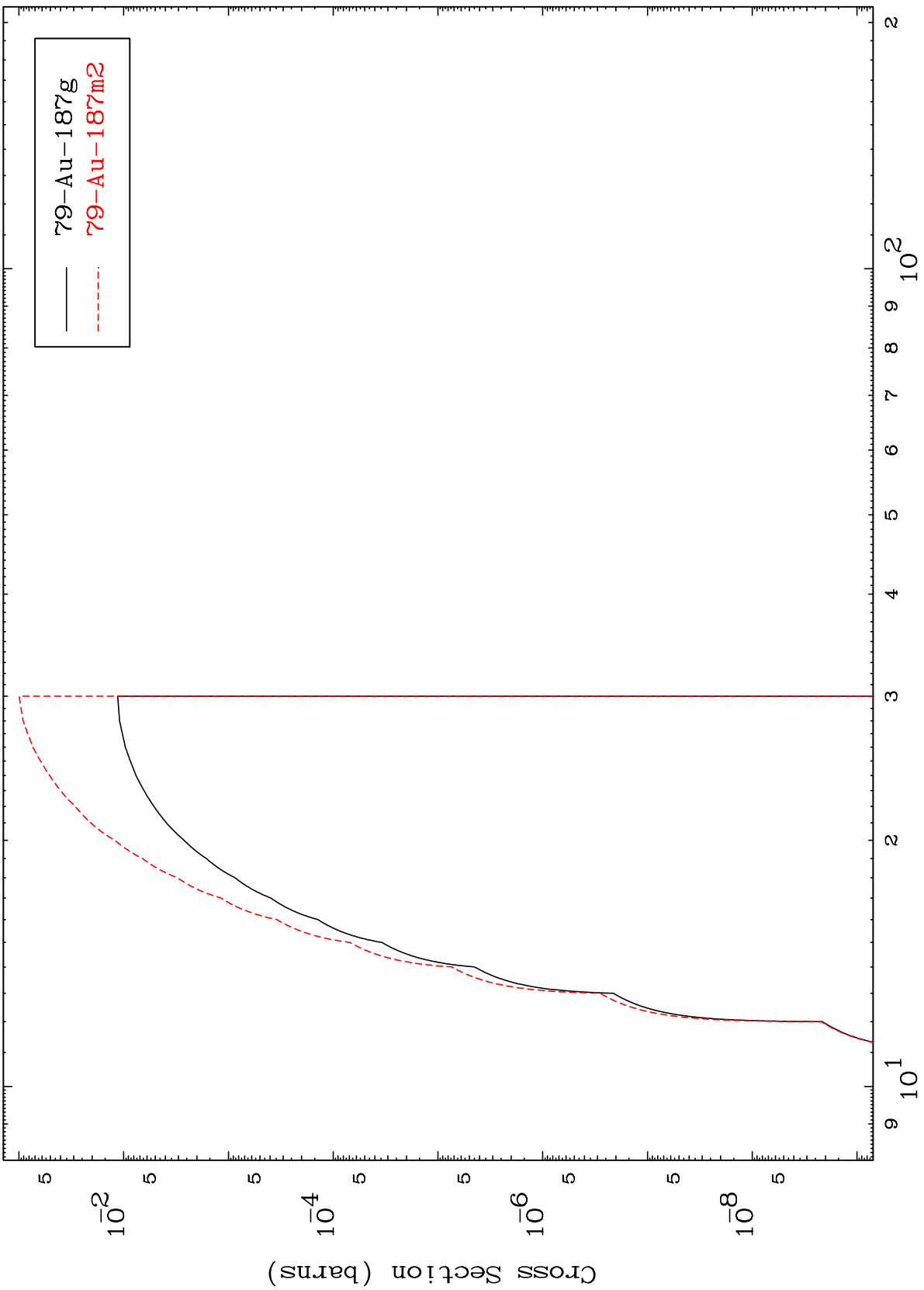
79-Au-187

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(t,2n) p

<sup>79</sup>Au-187

Radionuclide Production Cross Section



19

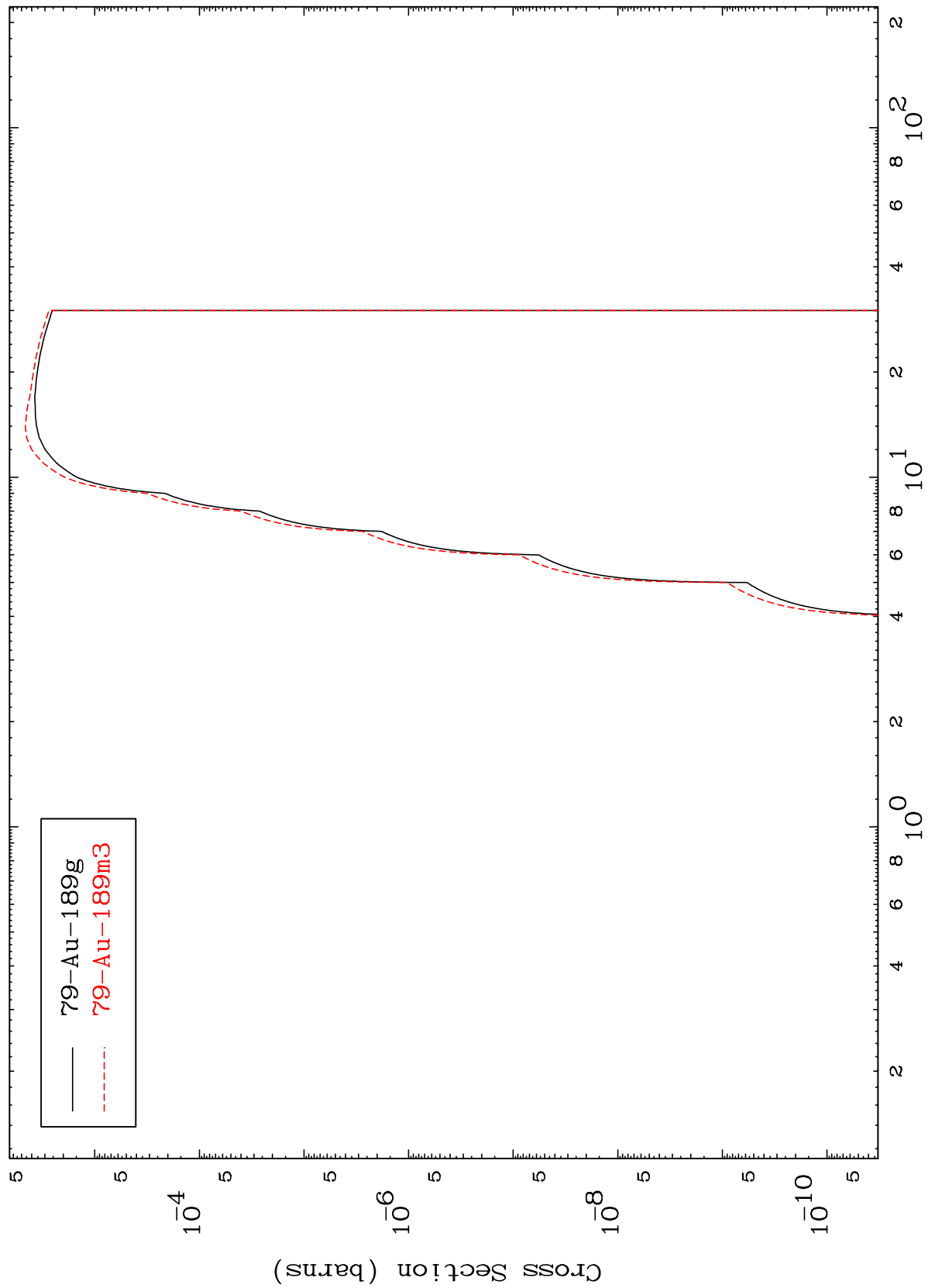
Incident Energy (MeV)

<sup>79</sup>Au-187

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79-Au-187

(t,p)  
Radionuclide Production Cross Section



79-Au-189g  
79-Au-189m3

79-Au-187

Incident Energy (MeV)

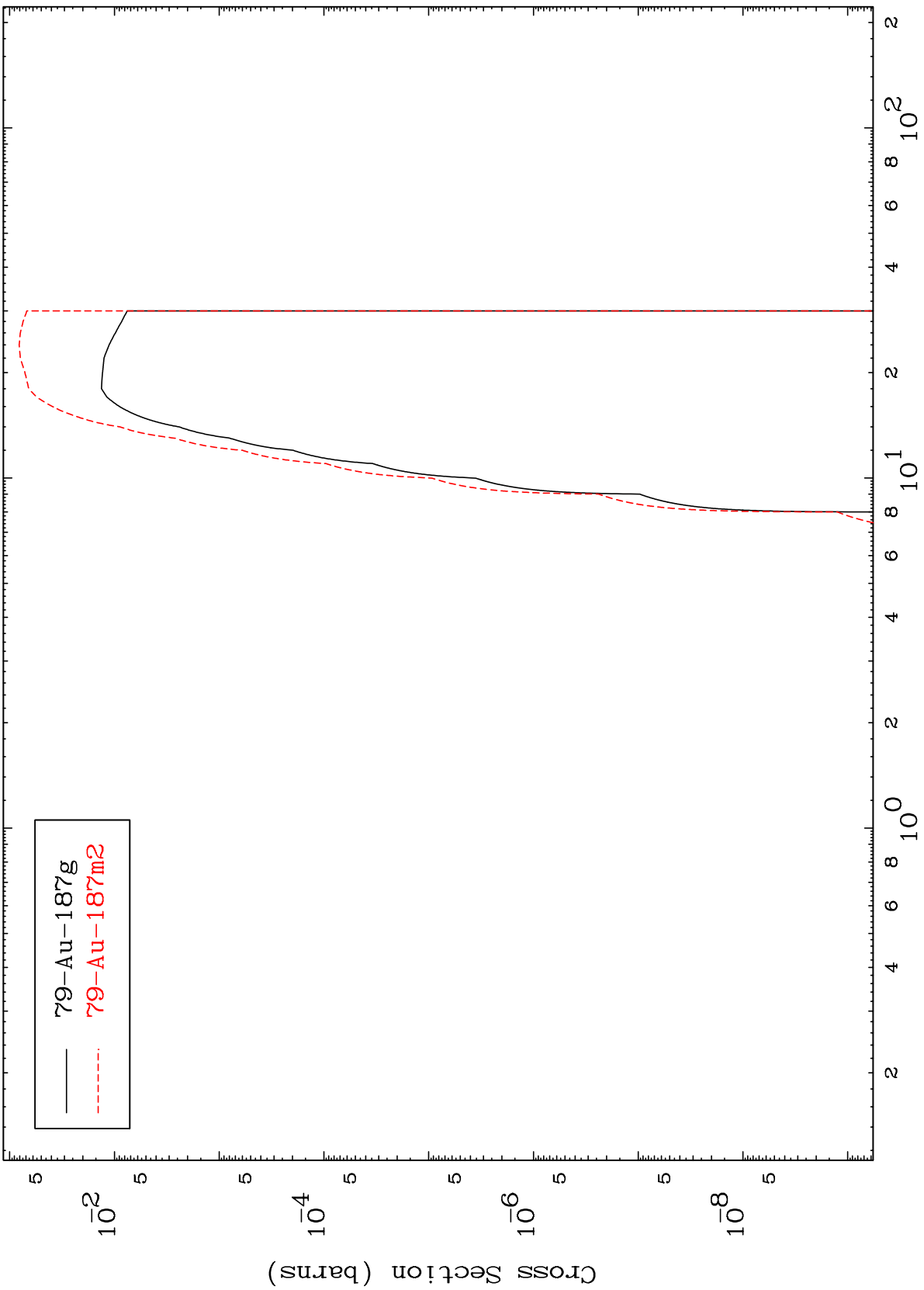
20

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(t, t)

<sup>79</sup>Au-187

Radionuclide Production Cross Section



— <sup>79</sup>Au-187g  
- - - <sup>79</sup>Au-187m2

Incident Energy (MeV)

<sup>79</sup>Au-187