

Program EVALPLOT
(Version 2021-1)

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

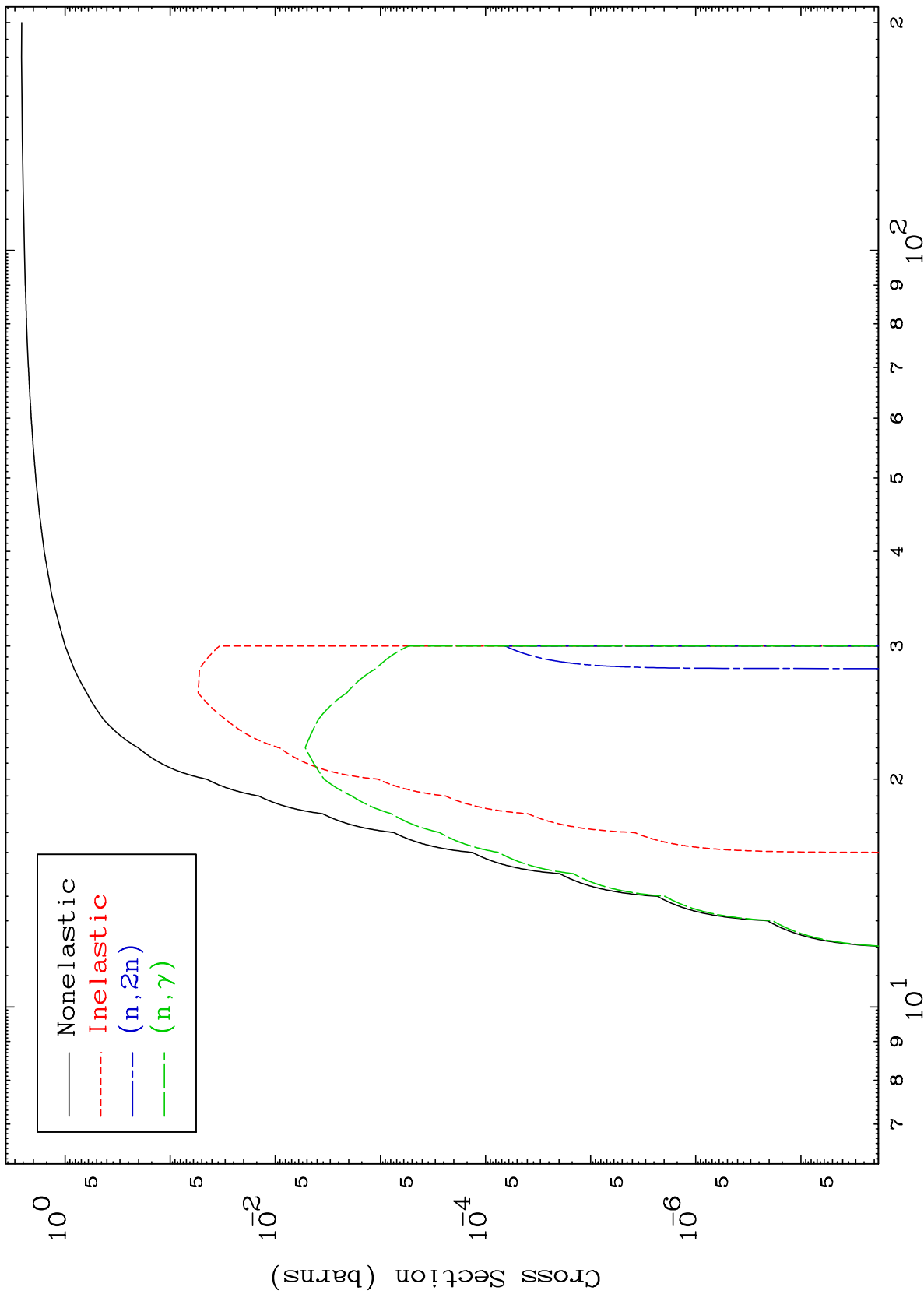
Press Mouse Button to Start

MAT 7863

α Major

79-Au-176m

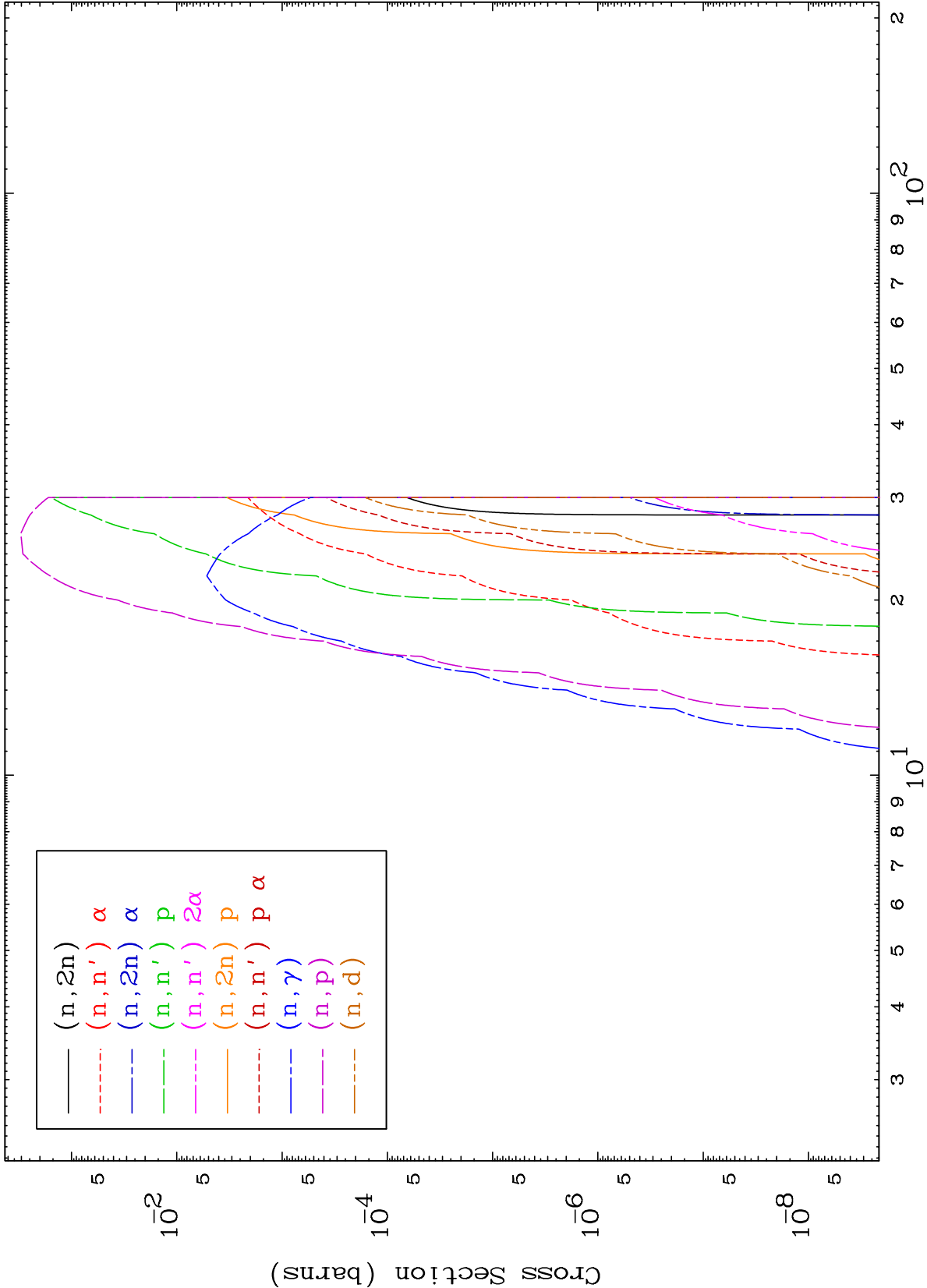
0 Kelvin Cross Sections



1

Incident Energy (MeV)

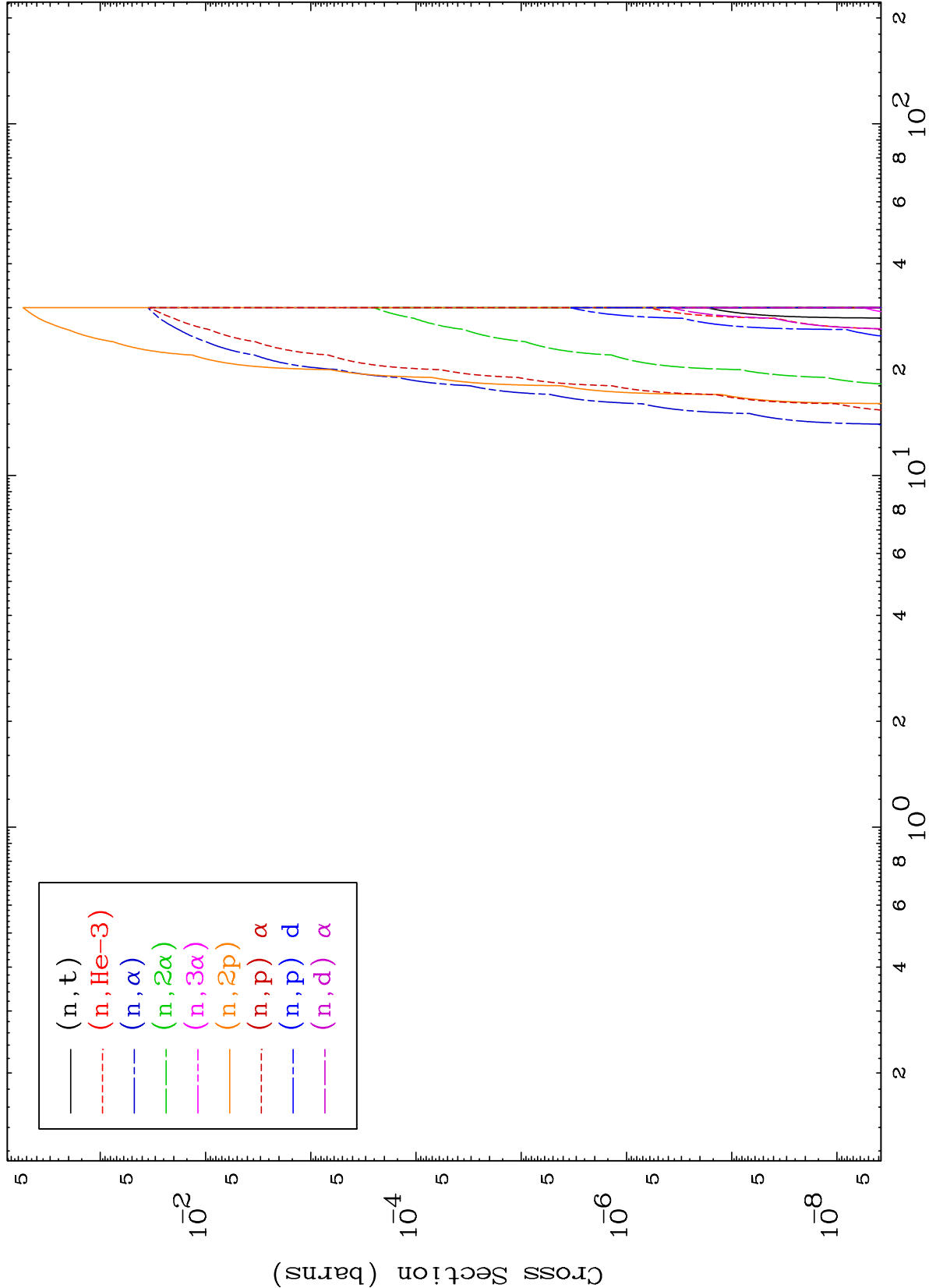
79-Au-176m

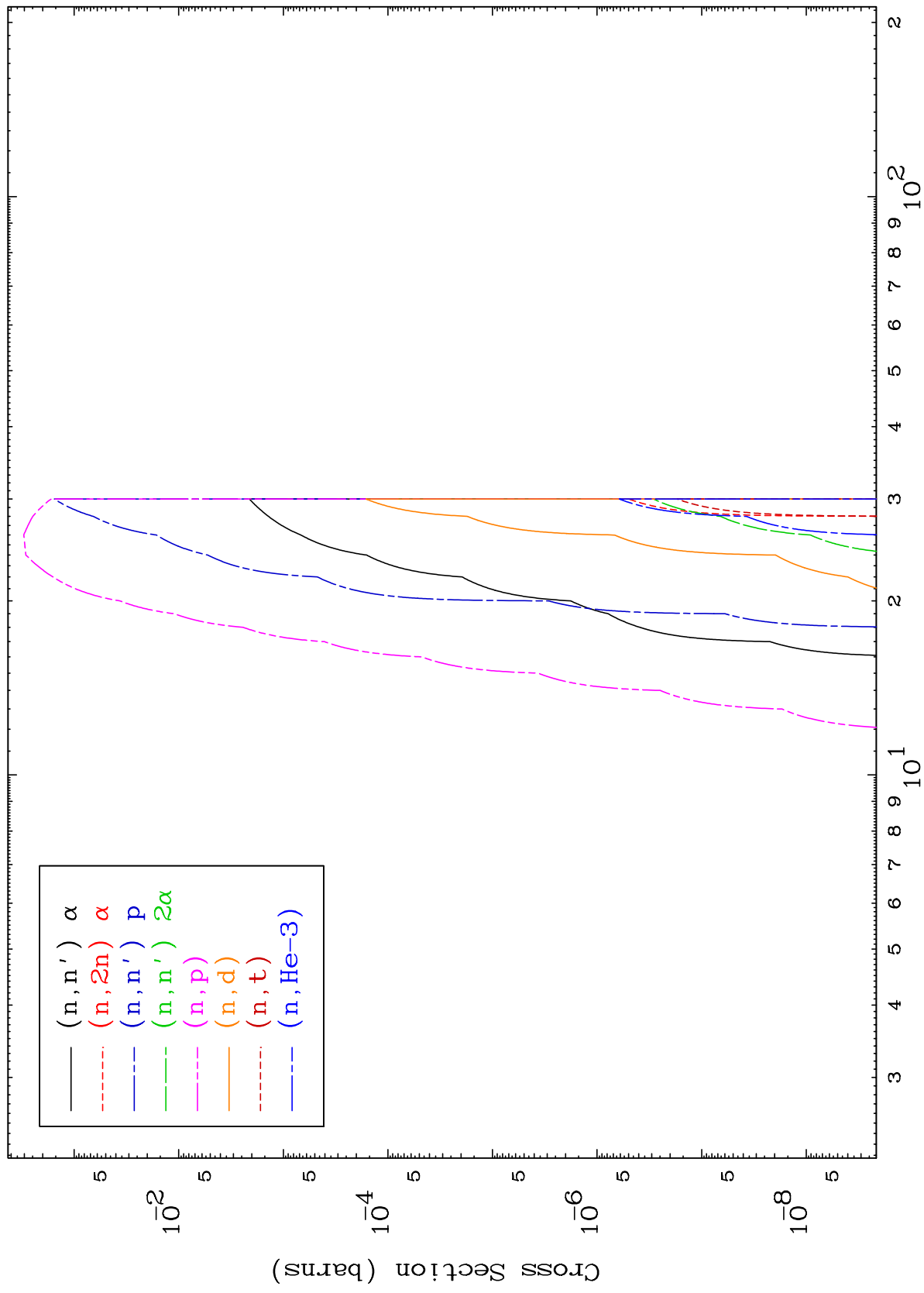


MAT 7863

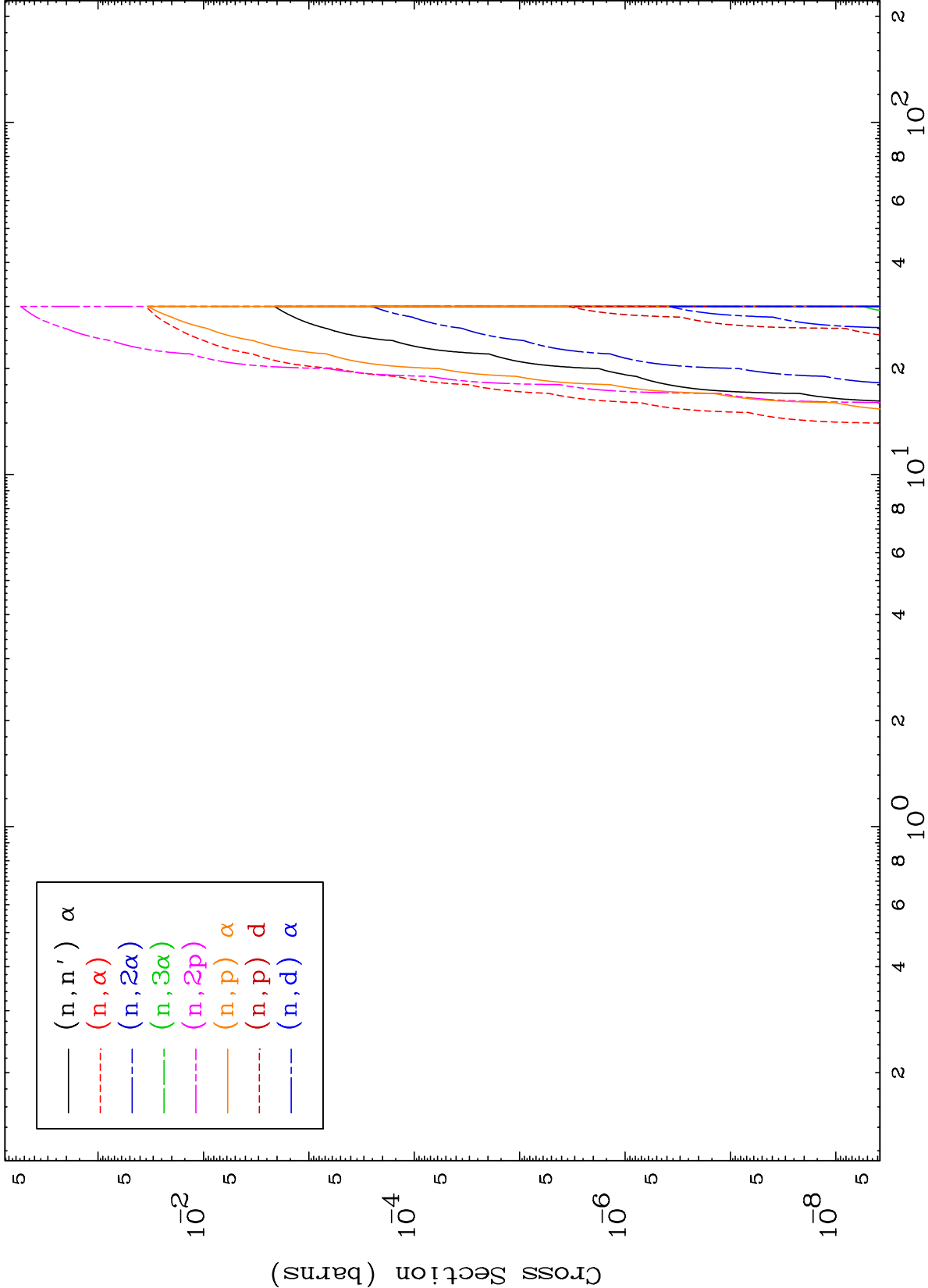
α Neutron Absorption
0 Kelvin Cross Sections

79-Au-176m





0 Kelvin Cross Sections

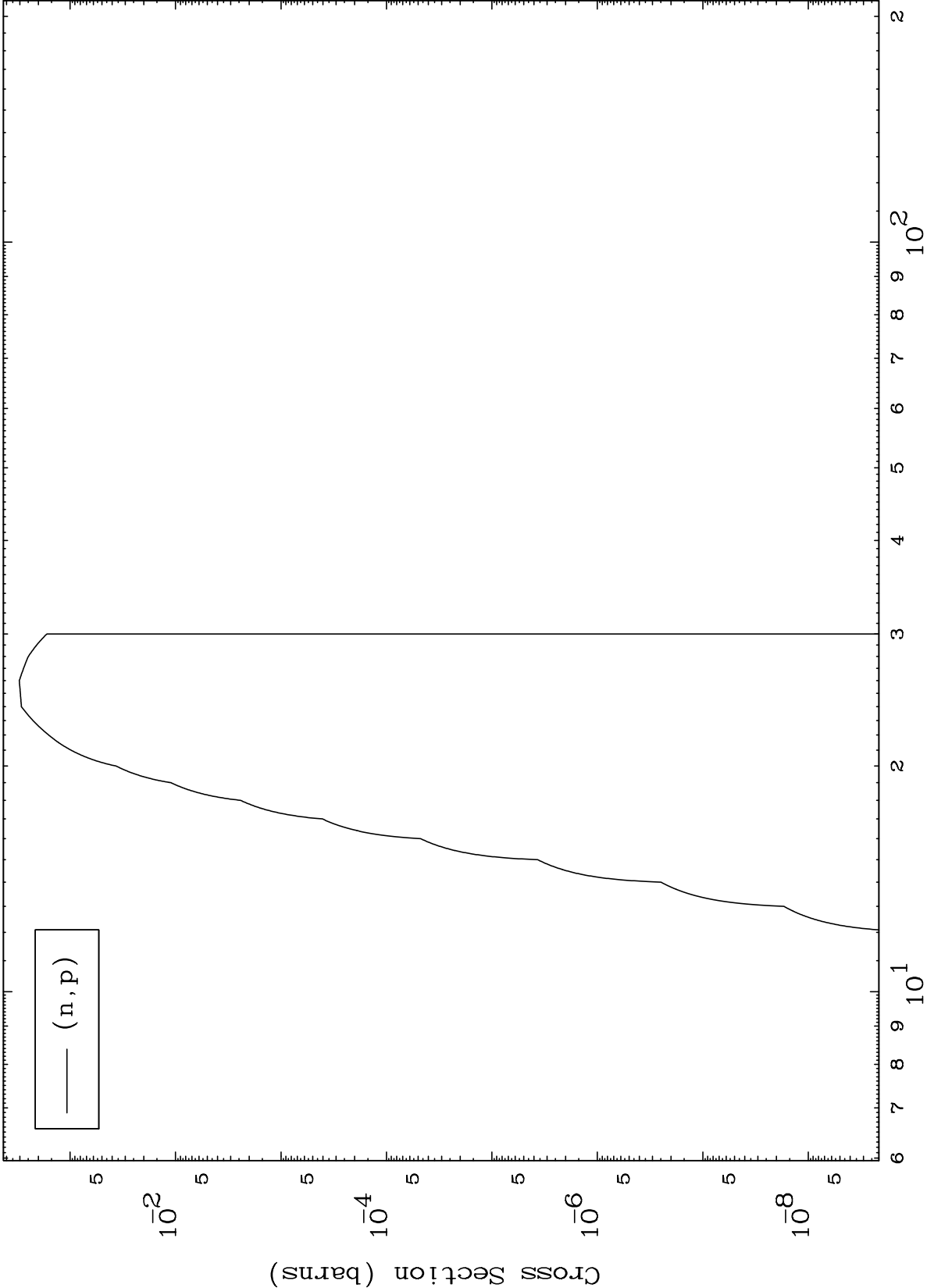


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(α, p) Levels

$^{79}\text{Au}-176\text{m}$

0 Kelvin Cross Sections



Incident Energy (MeV)

$^{79}\text{Au}-176\text{m}$

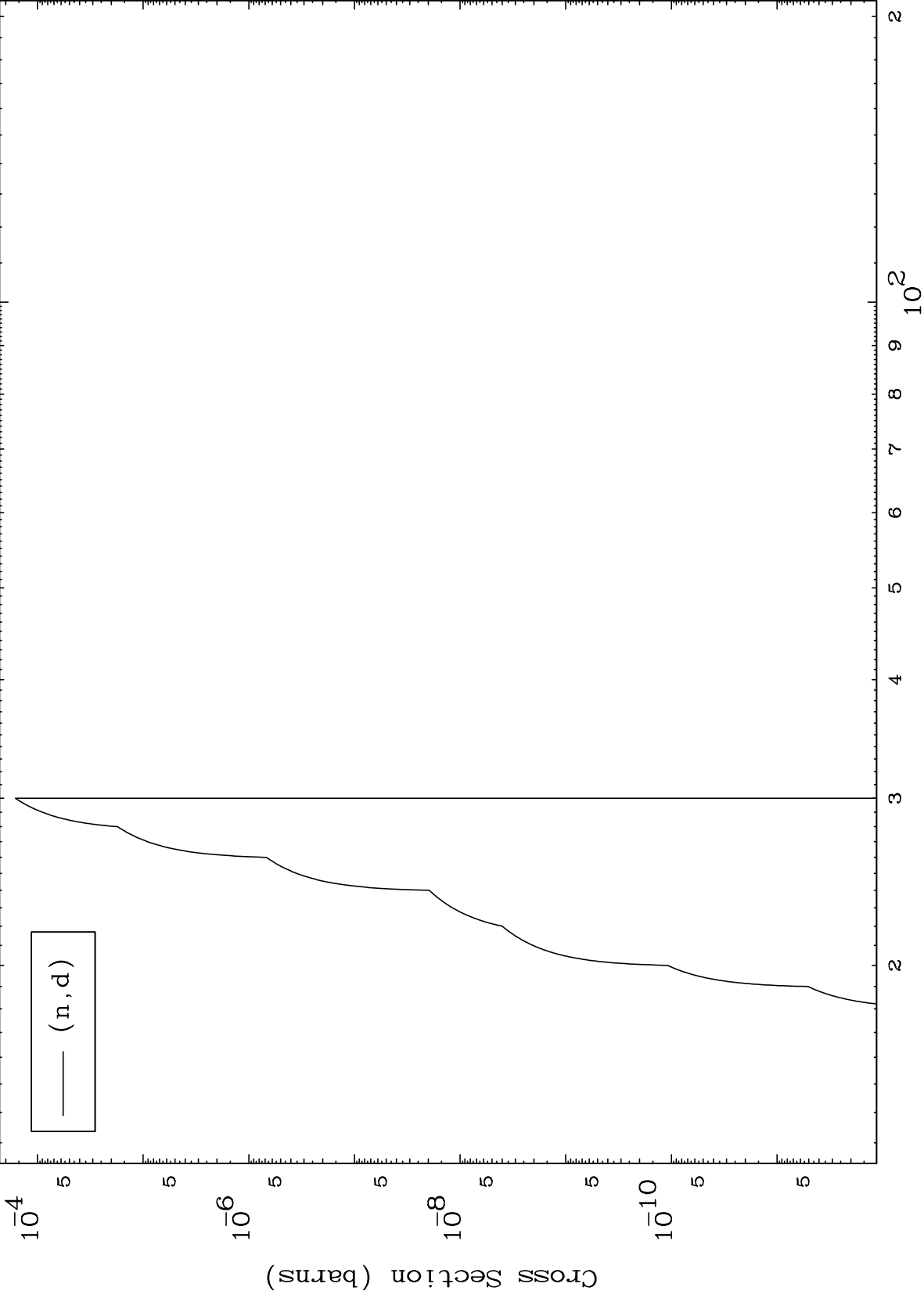
6

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(α ,d) Levels

$^{79}\text{Au-176m}$

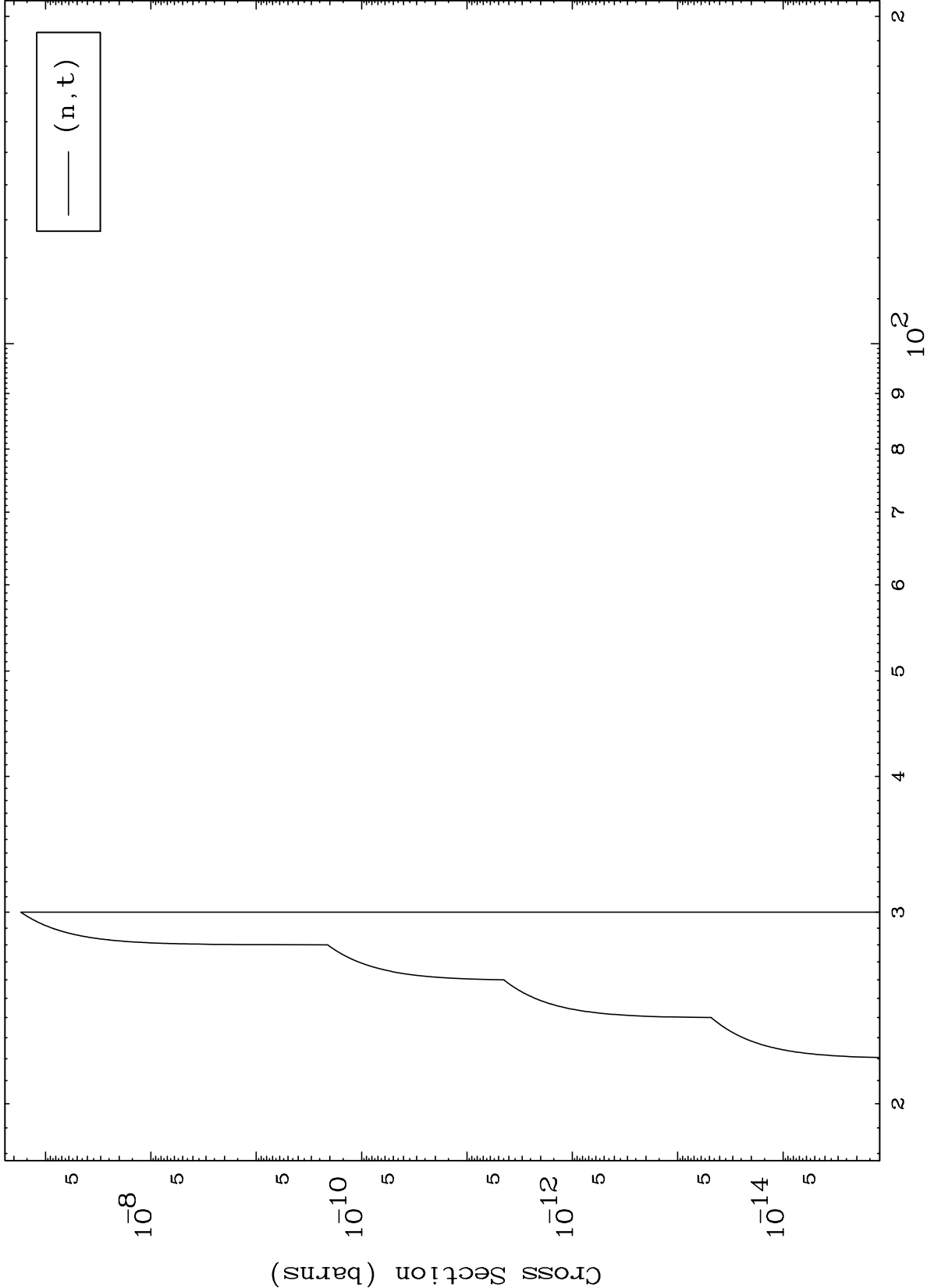
0 Kelvin Cross Sections



7

Incident Energy (MeV)

$^{79}\text{Au-176m}$

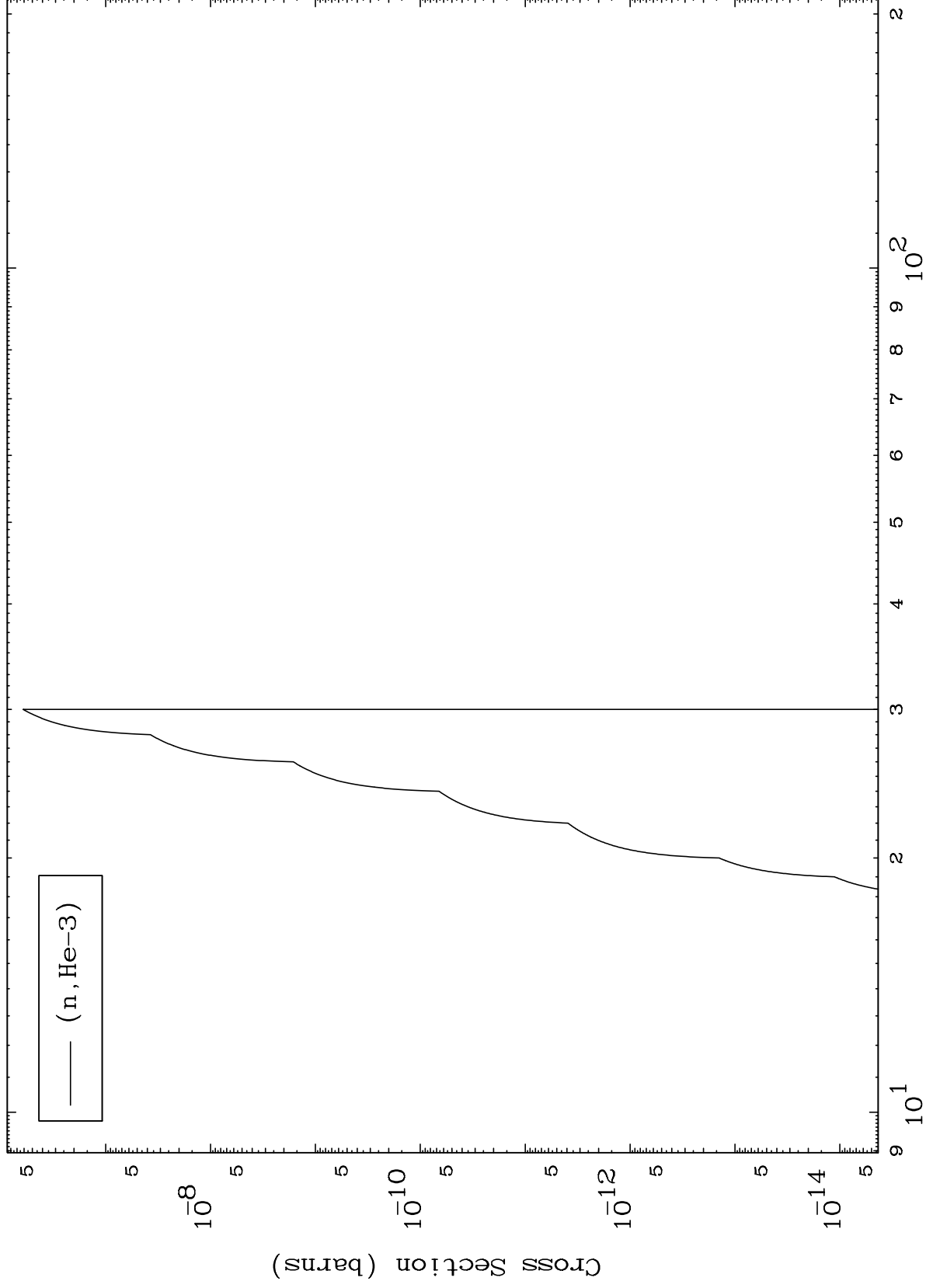


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(α ,He3) Levels

$^{79}\text{Au}-176\text{m}$

0 Kelvin Cross Sections



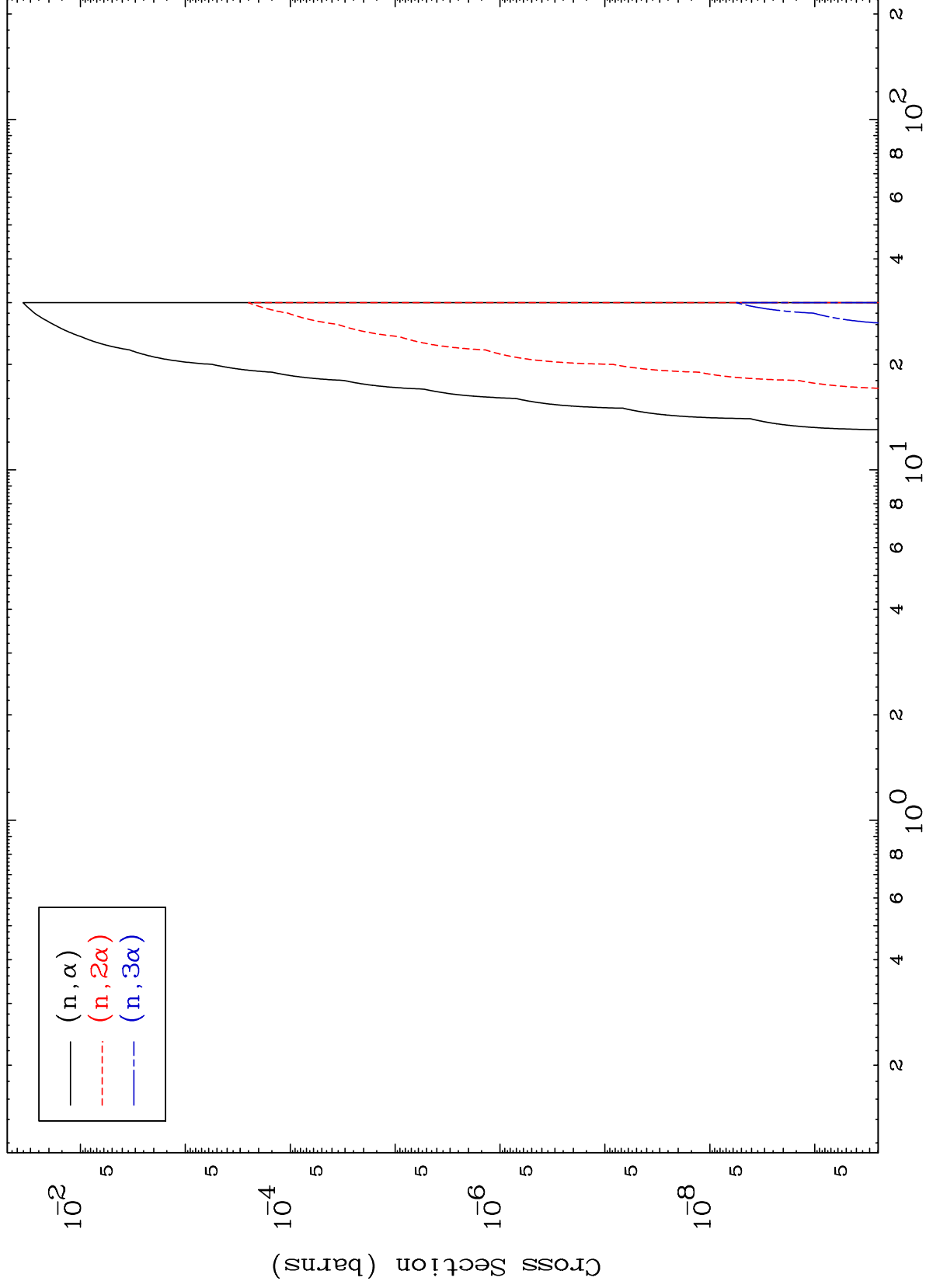
Incident Energy (MeV)

$^{79}\text{Au}-176\text{m}$

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(α, α) Levels
0 Kelvin Cross Sections

$^{79}\text{Au}-176\text{m}$

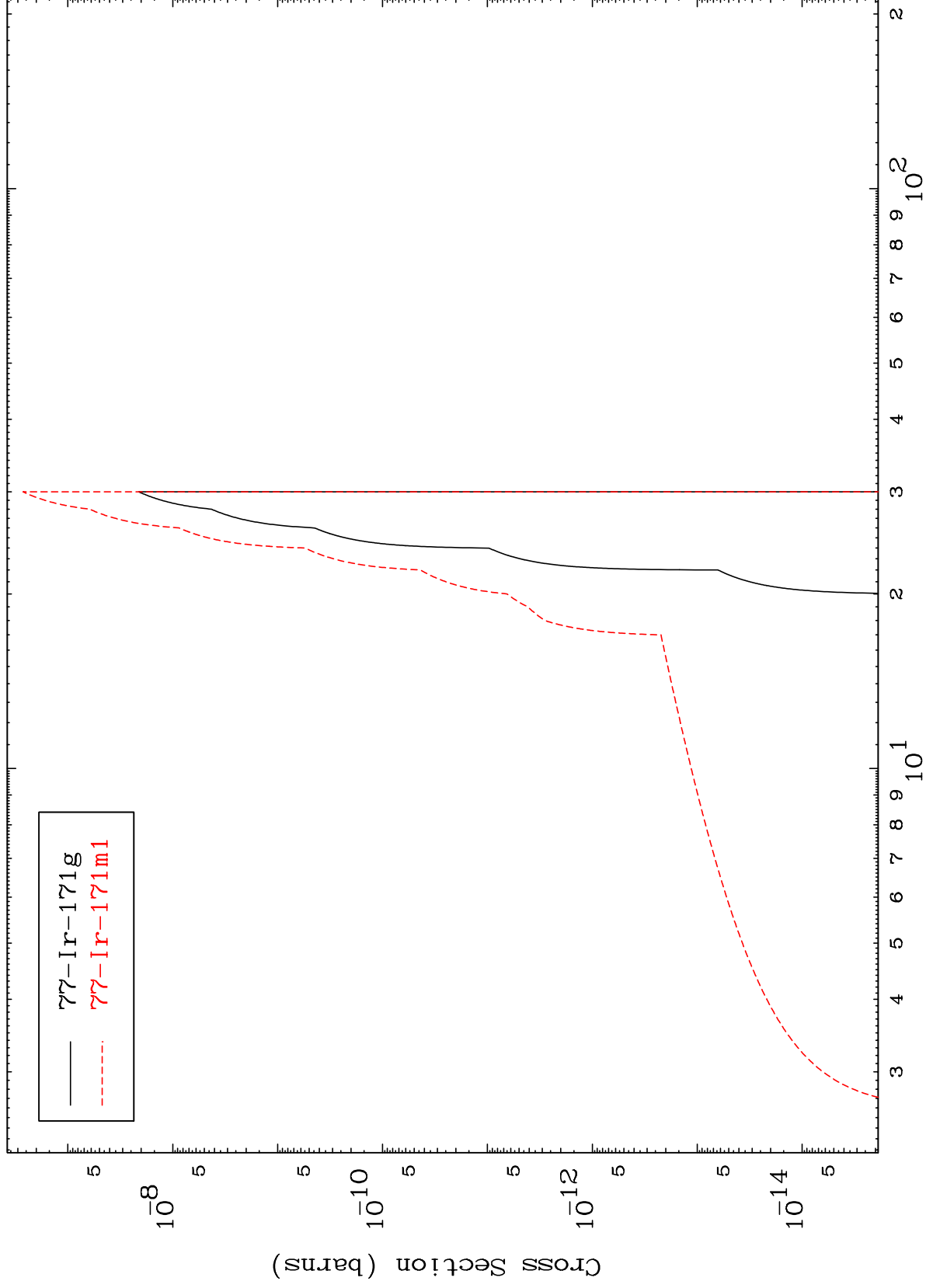


10

Incident Energy (MeV)

$^{79}\text{Au}-176\text{m}$

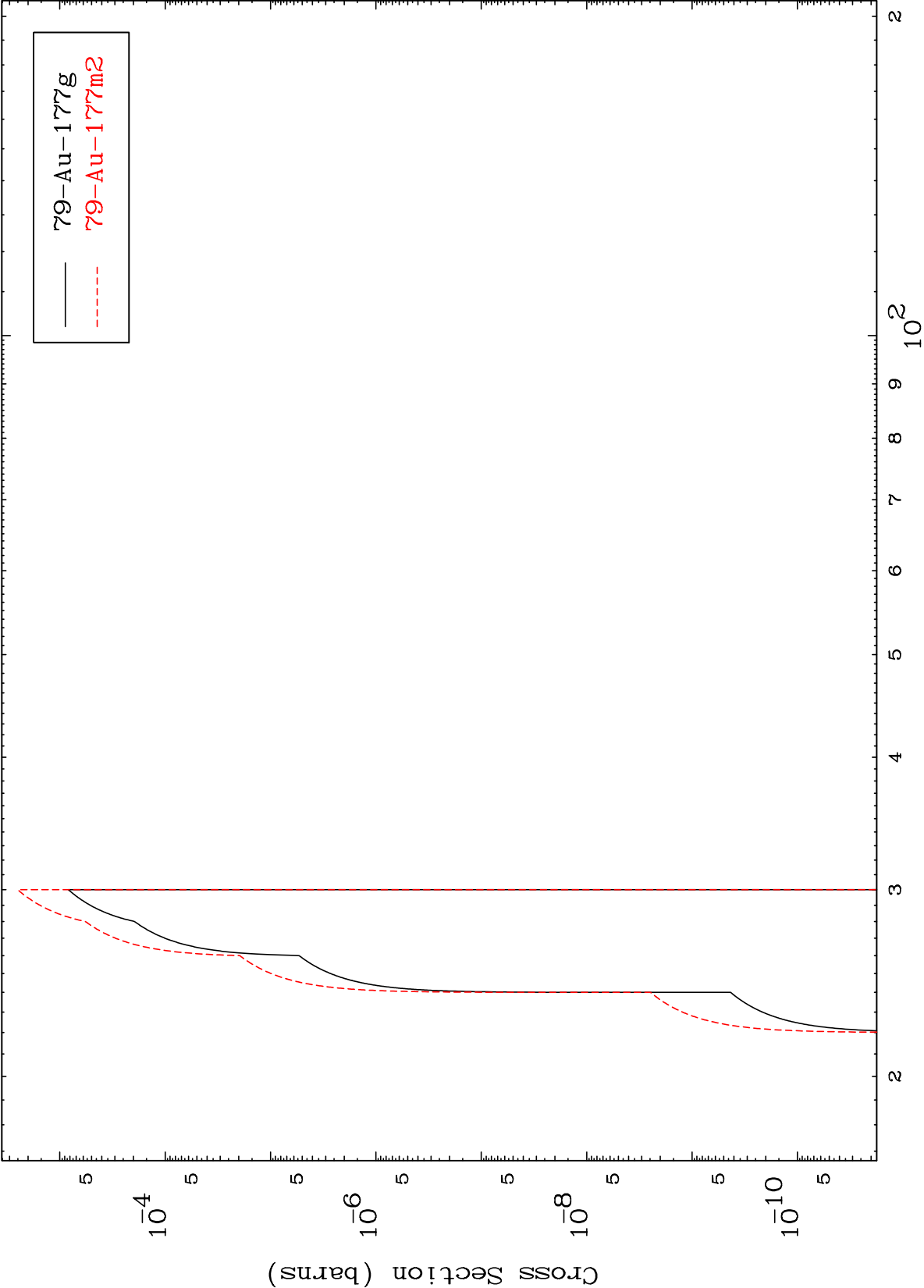
(n,n') 2α
Radionuclide Production Cross Section



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⁷⁹Au-176m

(n,2n) p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

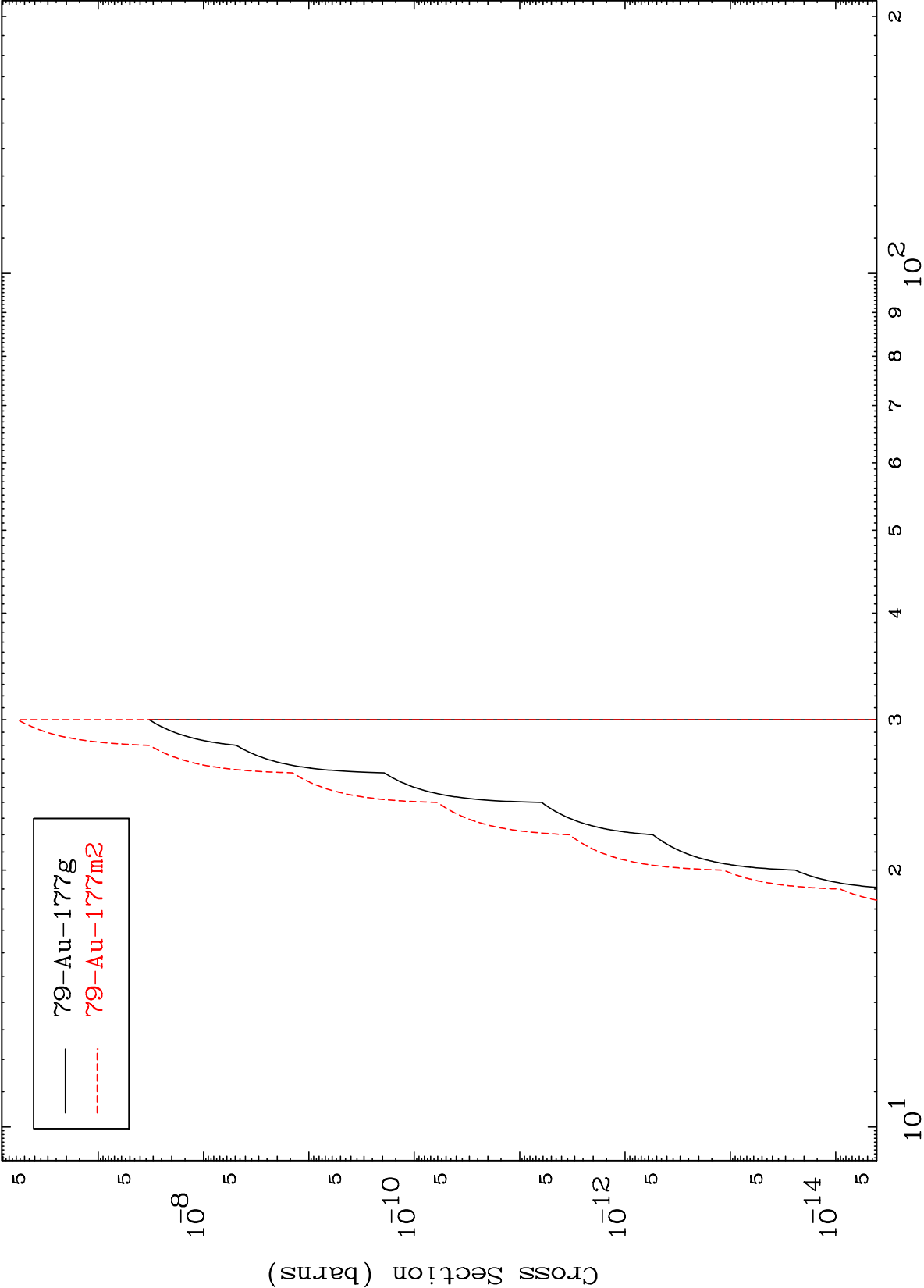
⁷⁹Au-176m

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(n,He-3)

⁷⁹Au-176m

Radionuclide Production Cross Section



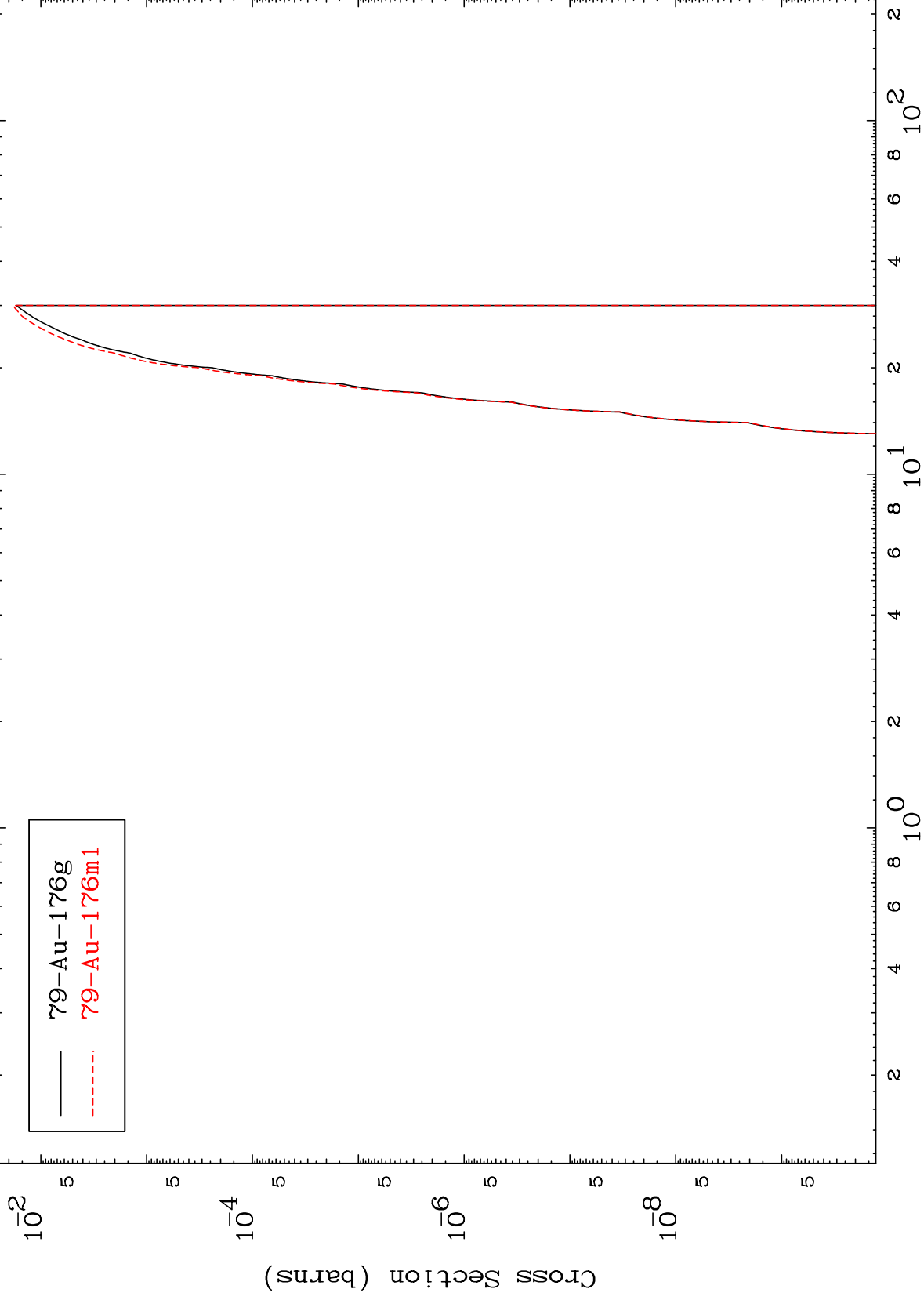
Incident Energy (MeV)

⁷⁹Au-176m

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⁷⁹Au-176m

Radionuclide Production Cross Section



⁷⁹Au-176m

Incident Energy (MeV)

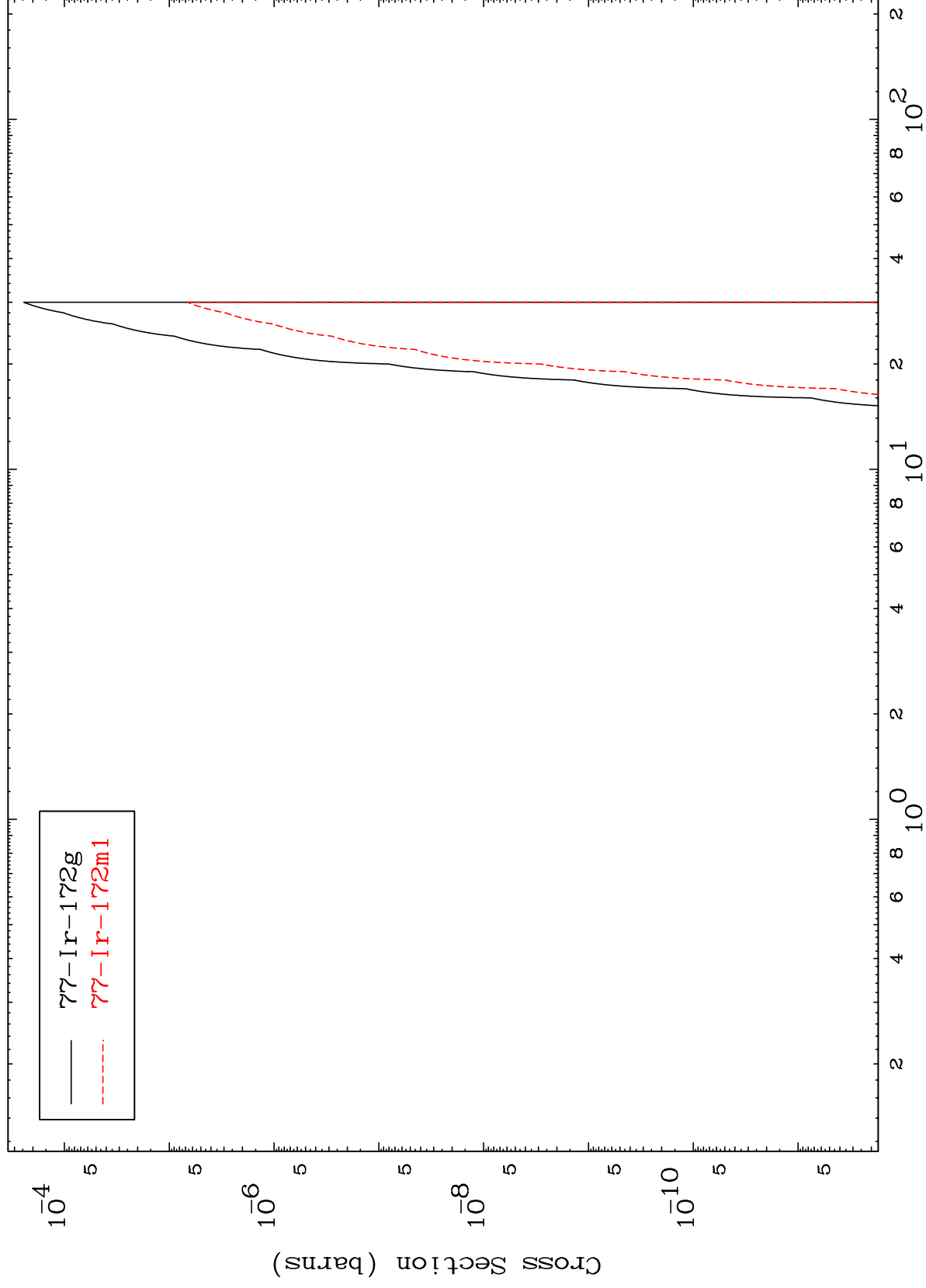
14

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(n,2α)

⁷⁹Au-176m

Radionuclide Production Cross Section



15

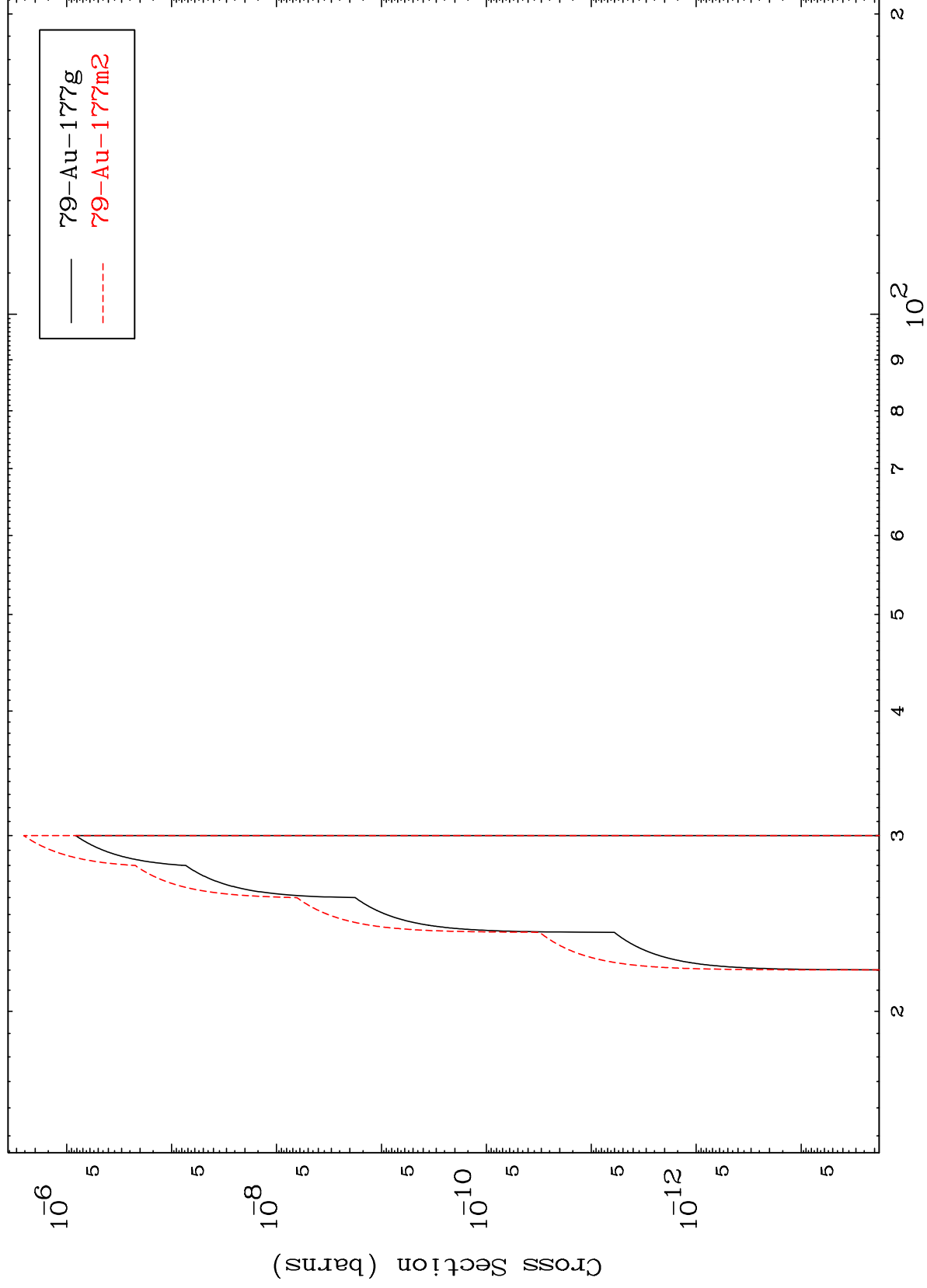
Incident Energy (MeV)

⁷⁹Au-176m

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⁷⁹Au-176m

(n,p) d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁹Au-176m