

Program EVALPLOT
(Version 2021-1)

by

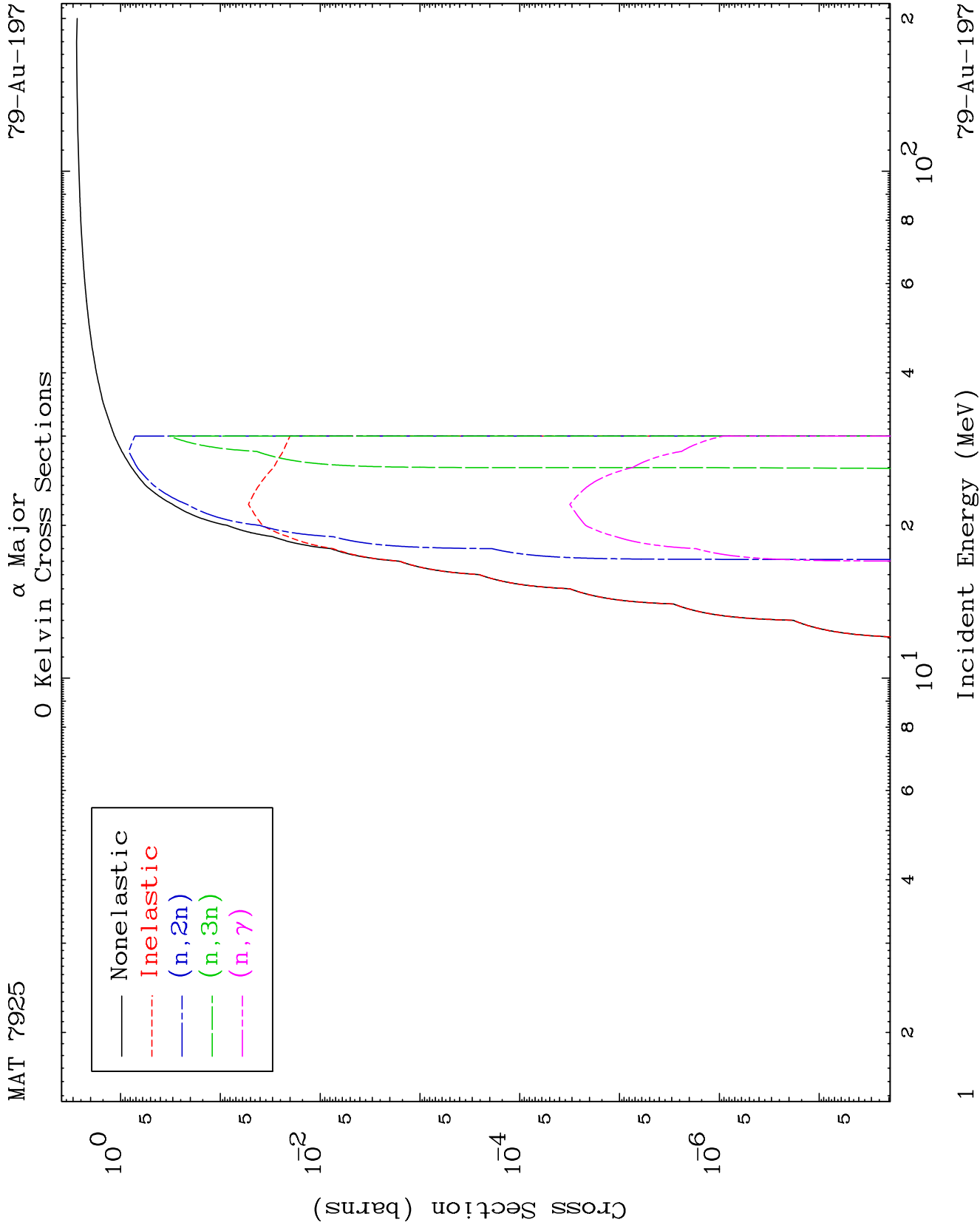
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

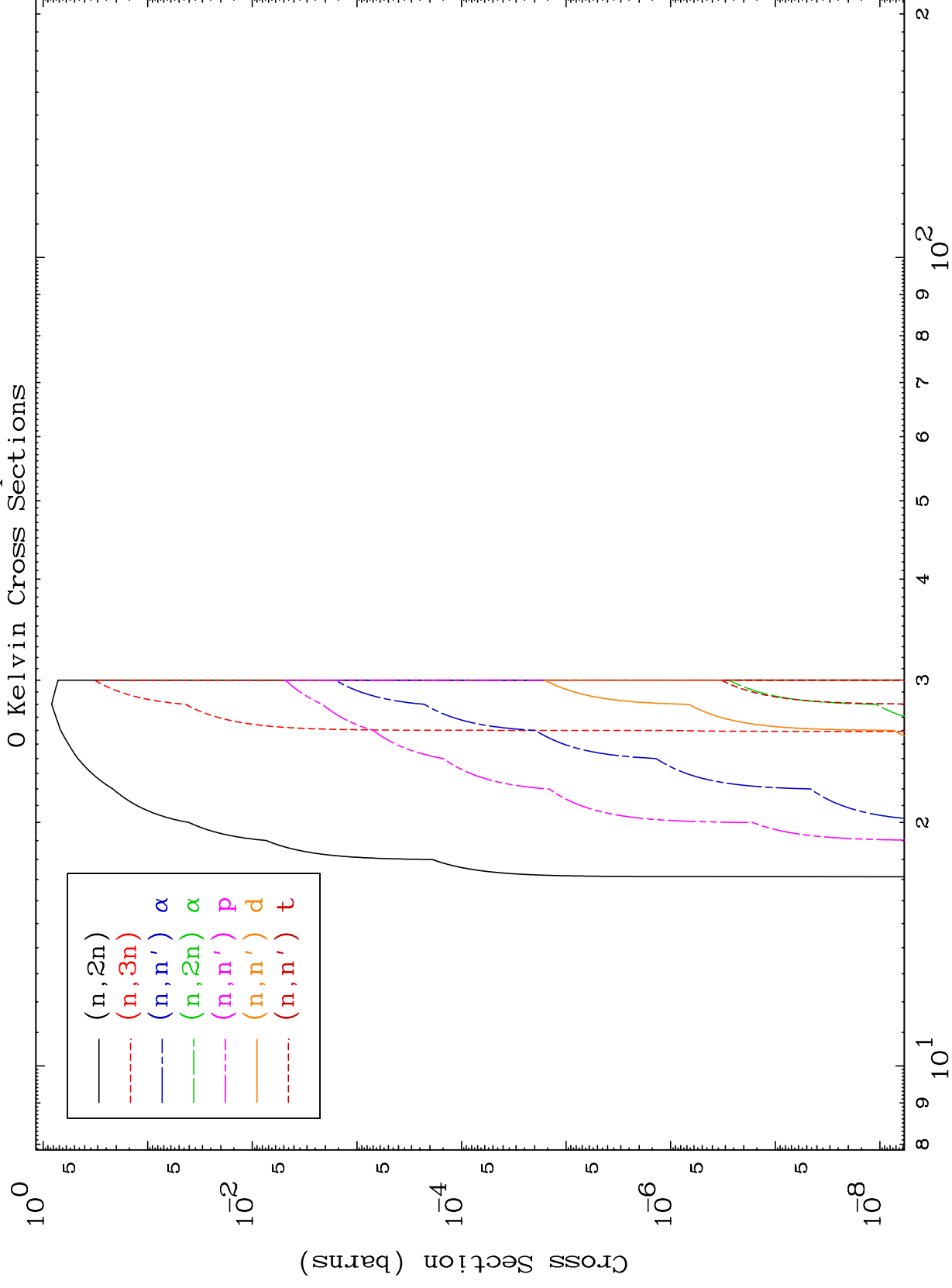
Press Mouse Button to Start



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α Neutron Absorption

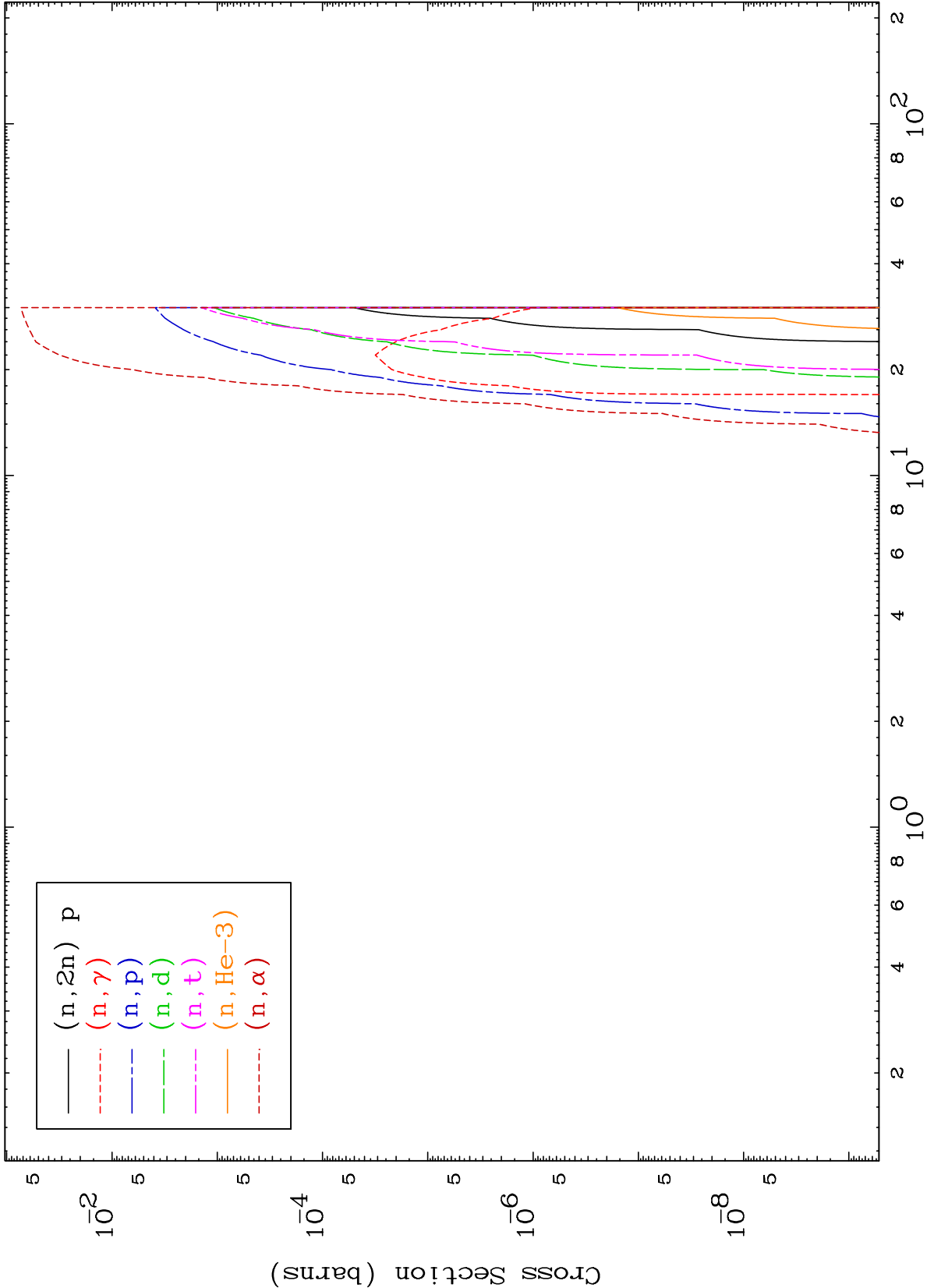
79-Au-197



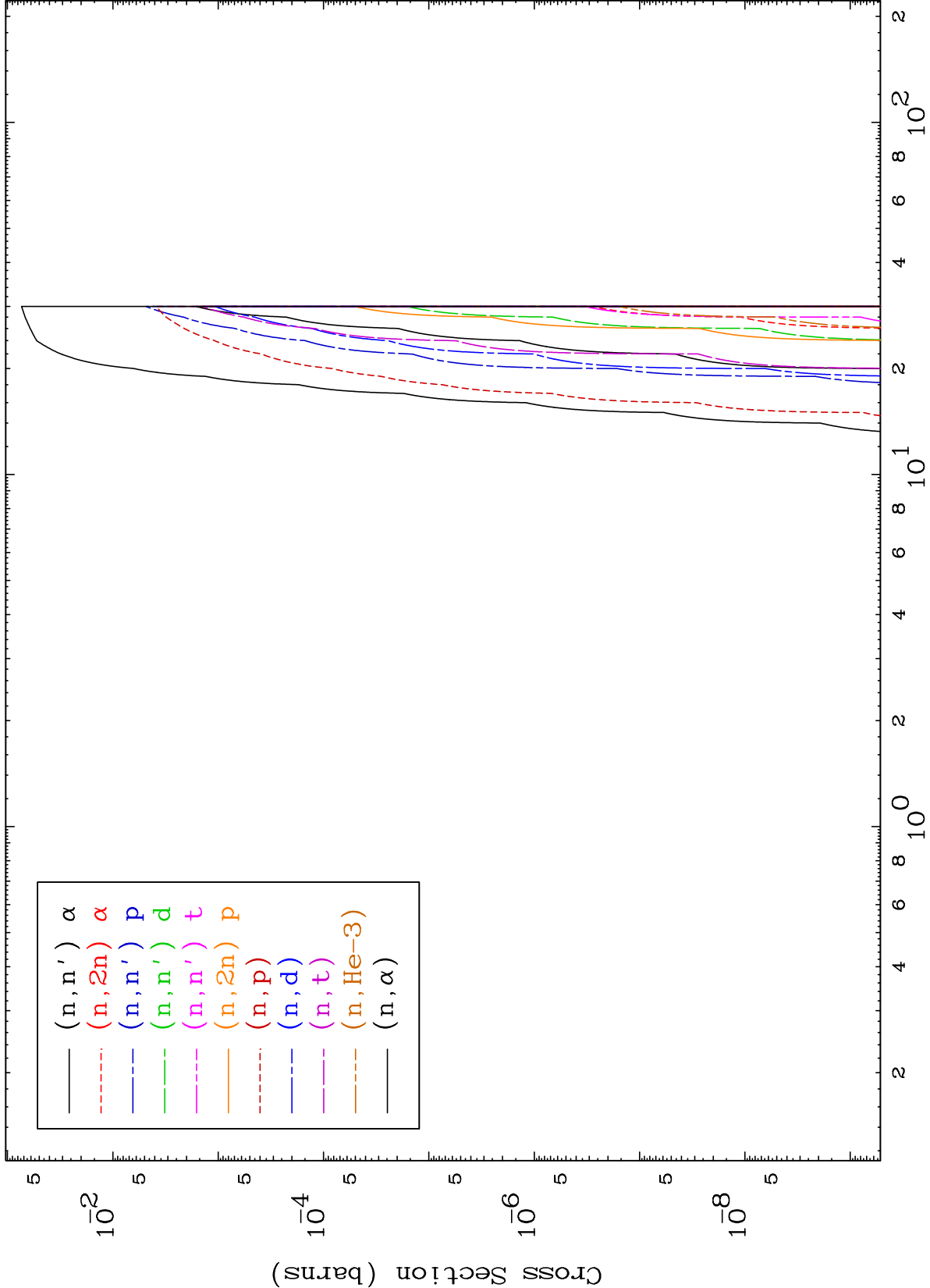
79-Au-197

Incident Energy (MeV)

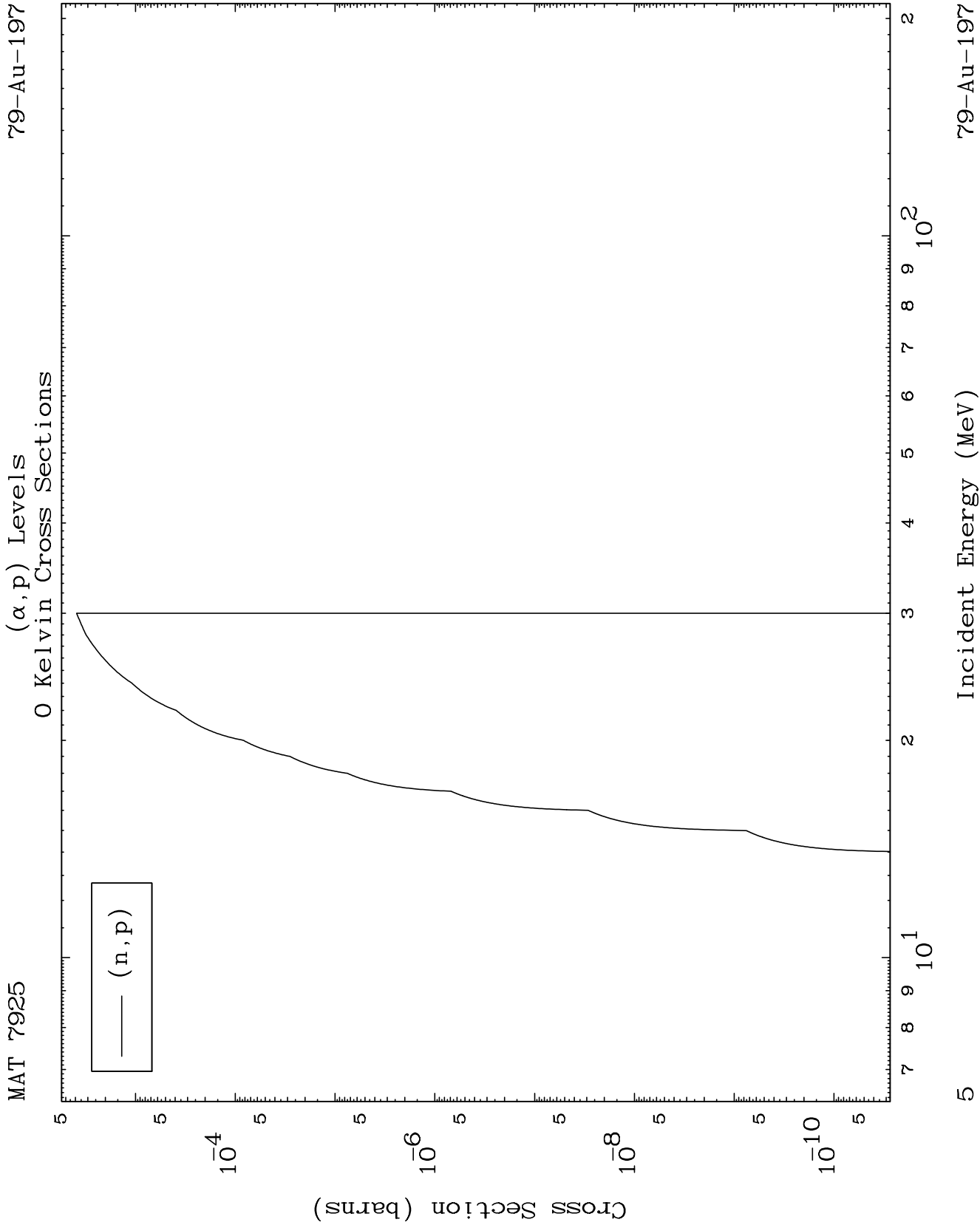
0 Kelvin Cross Sections



0 Kelvin Cross Sections



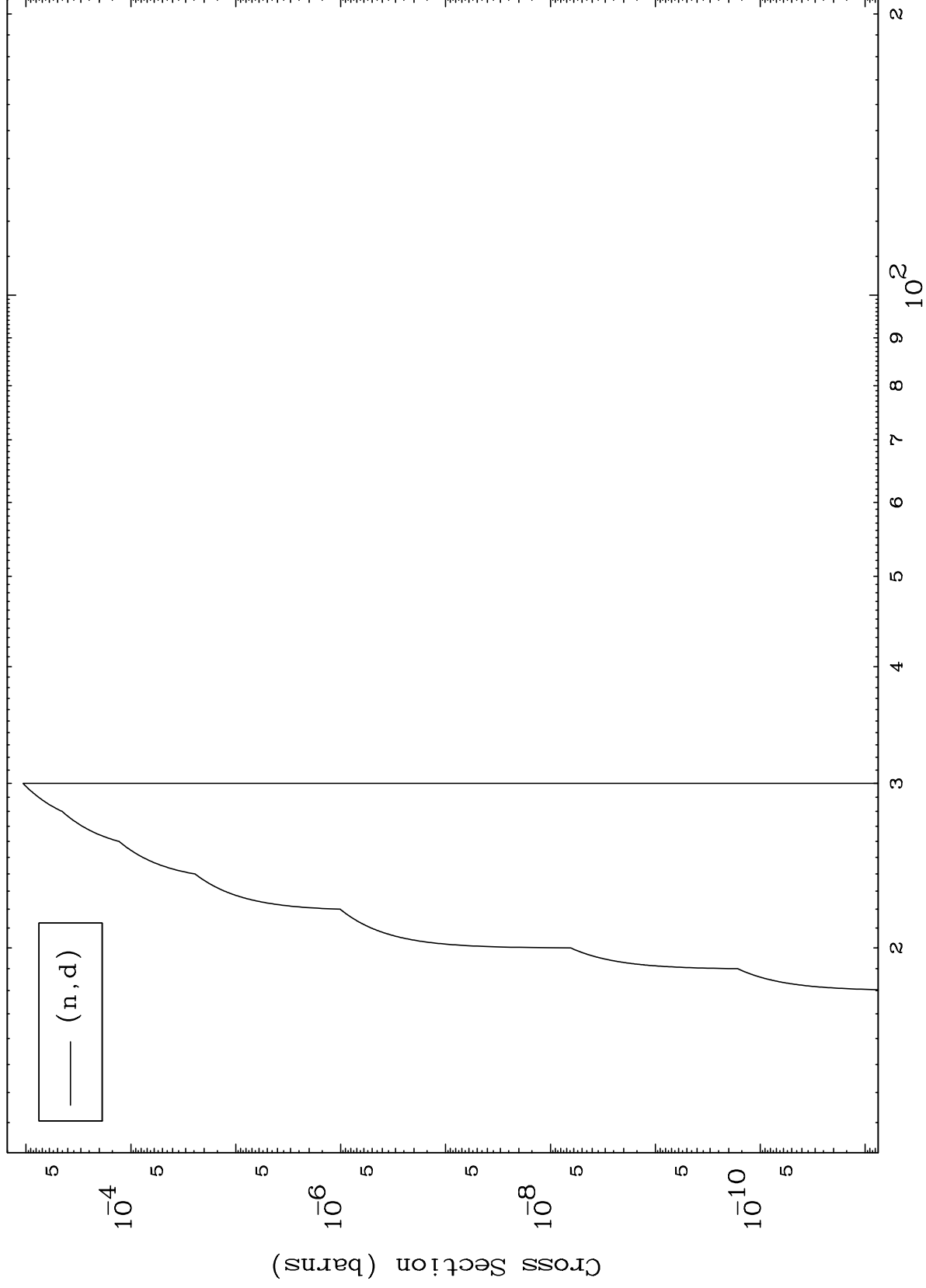
Incident Energy (MeV)



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79-Au-197

(α ,d) Levels
0 Kelvin Cross Sections



79-Au-197

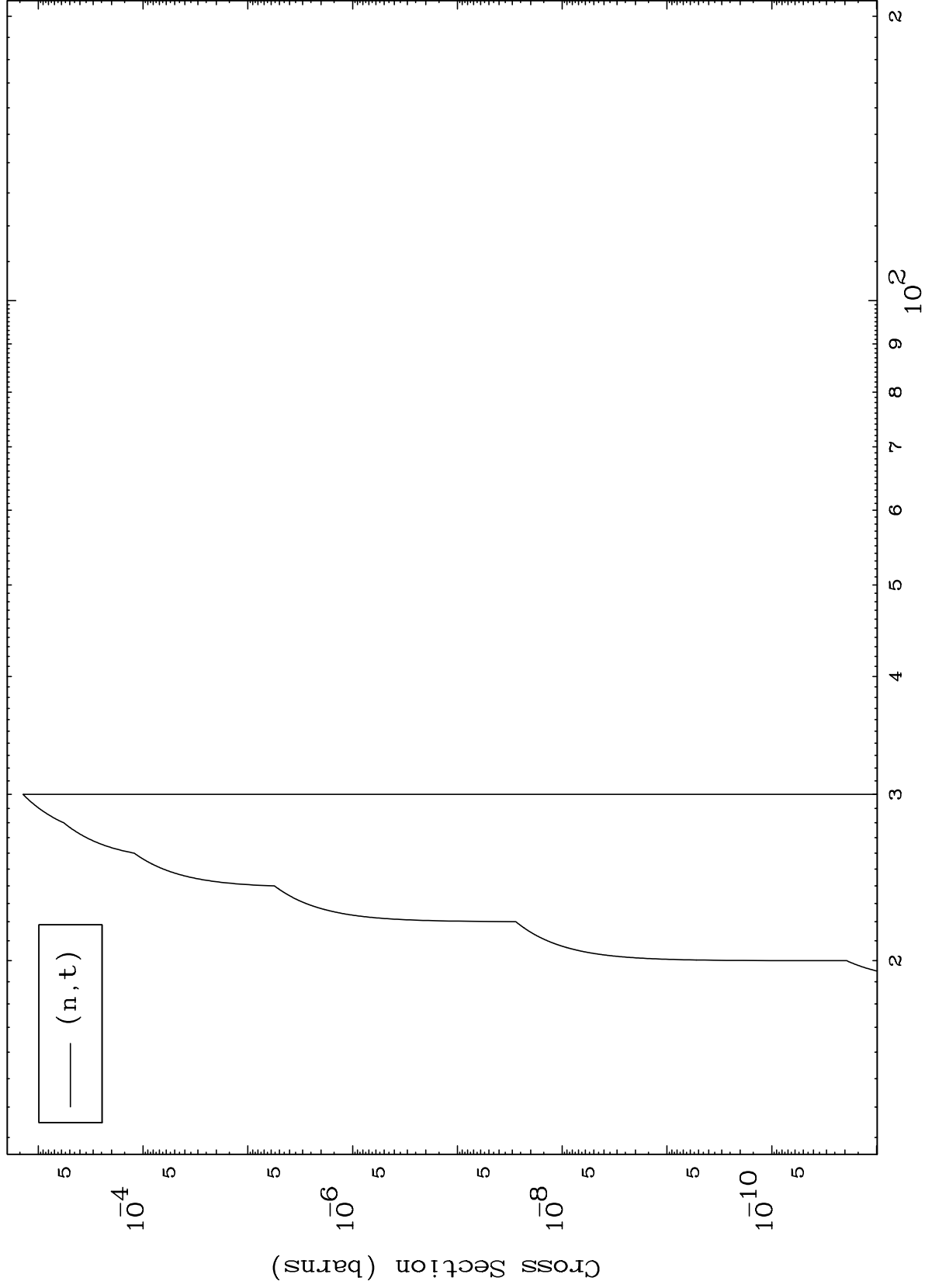
Incident Energy (MeV)

6

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79-Au-197

(α, t) Levels
0 Kelvin Cross Sections

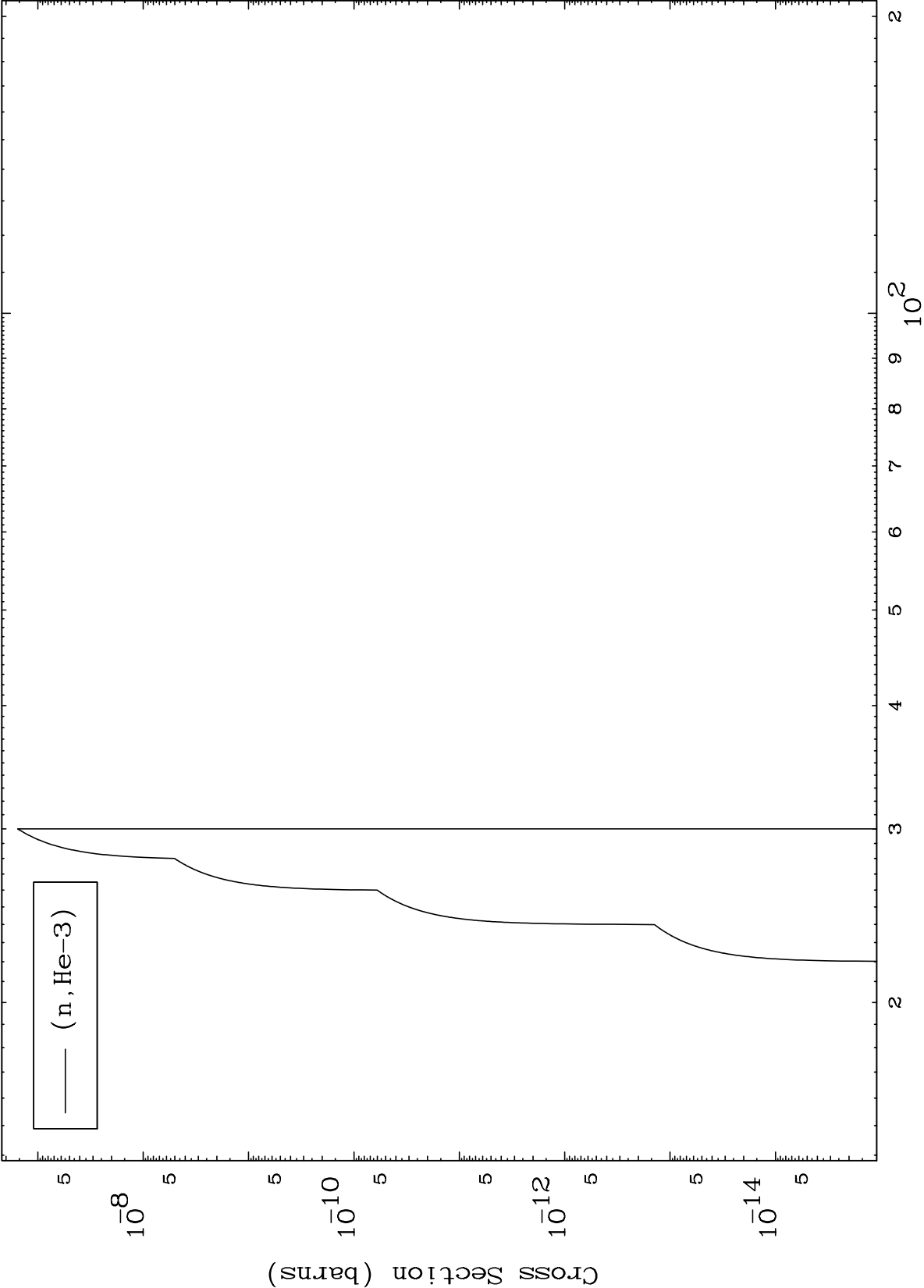


79-Au-197

Incident Energy (MeV)

7

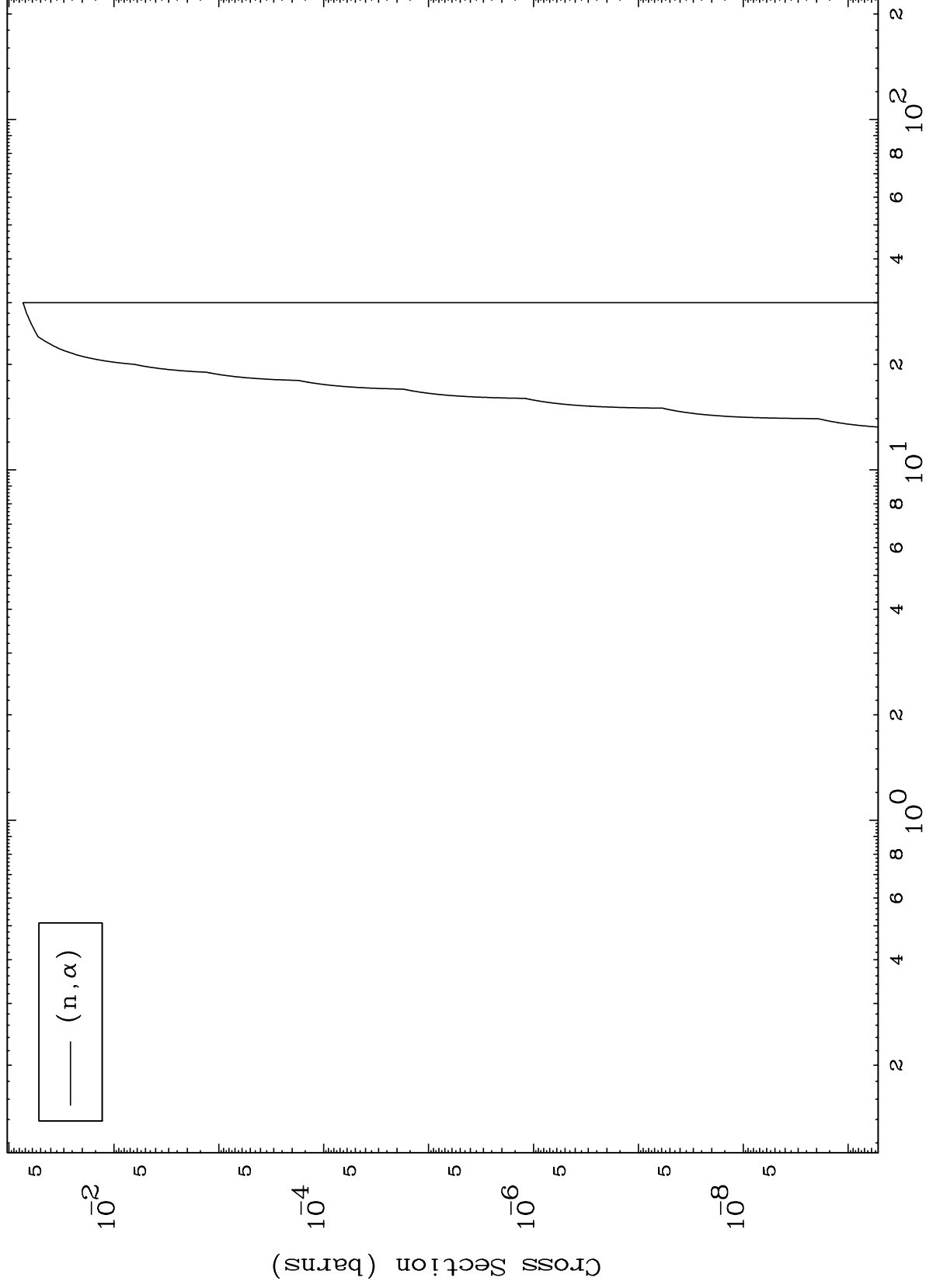
0 Kelvin Cross Sections



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79-Au-197

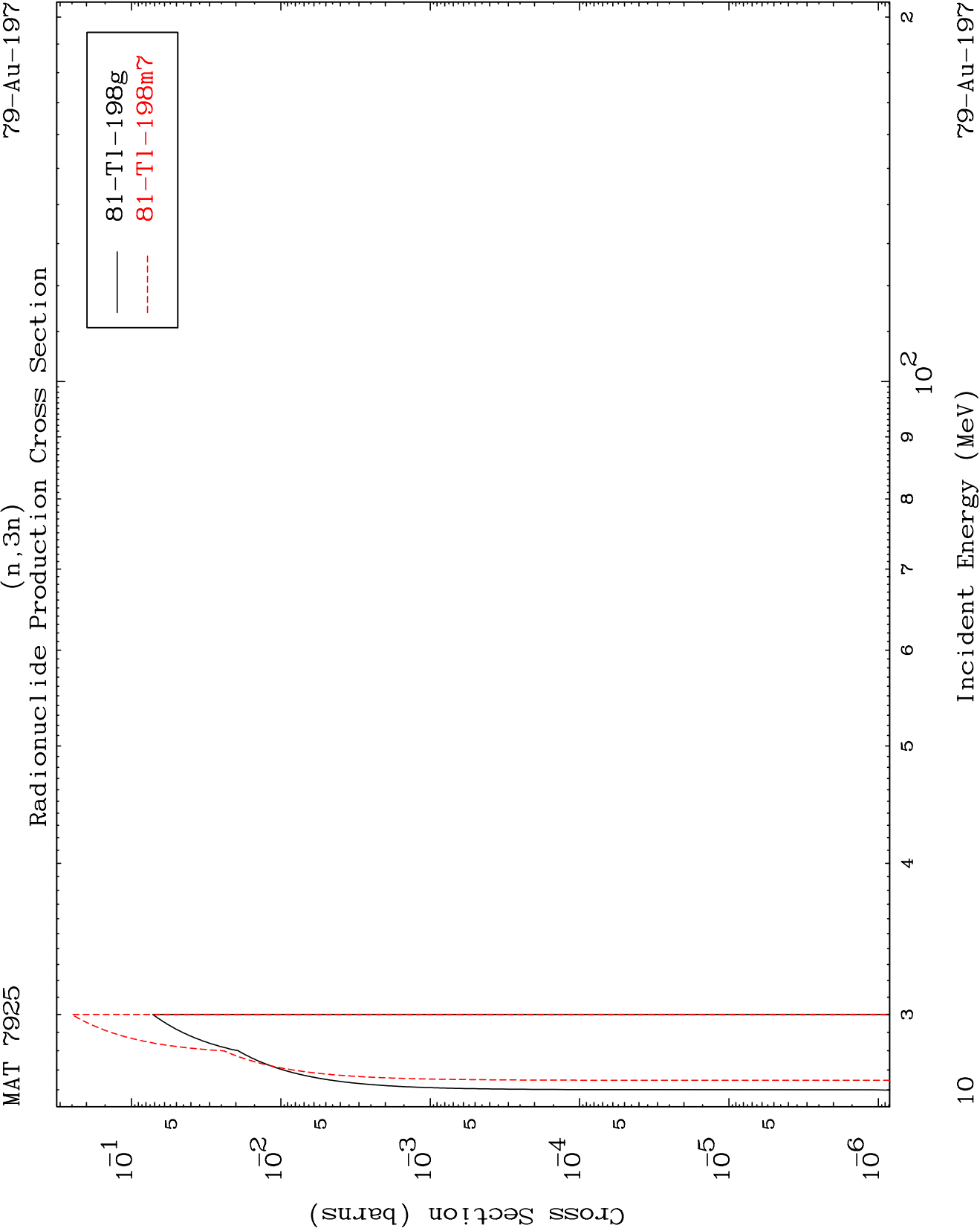
(α, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

79-Au-197

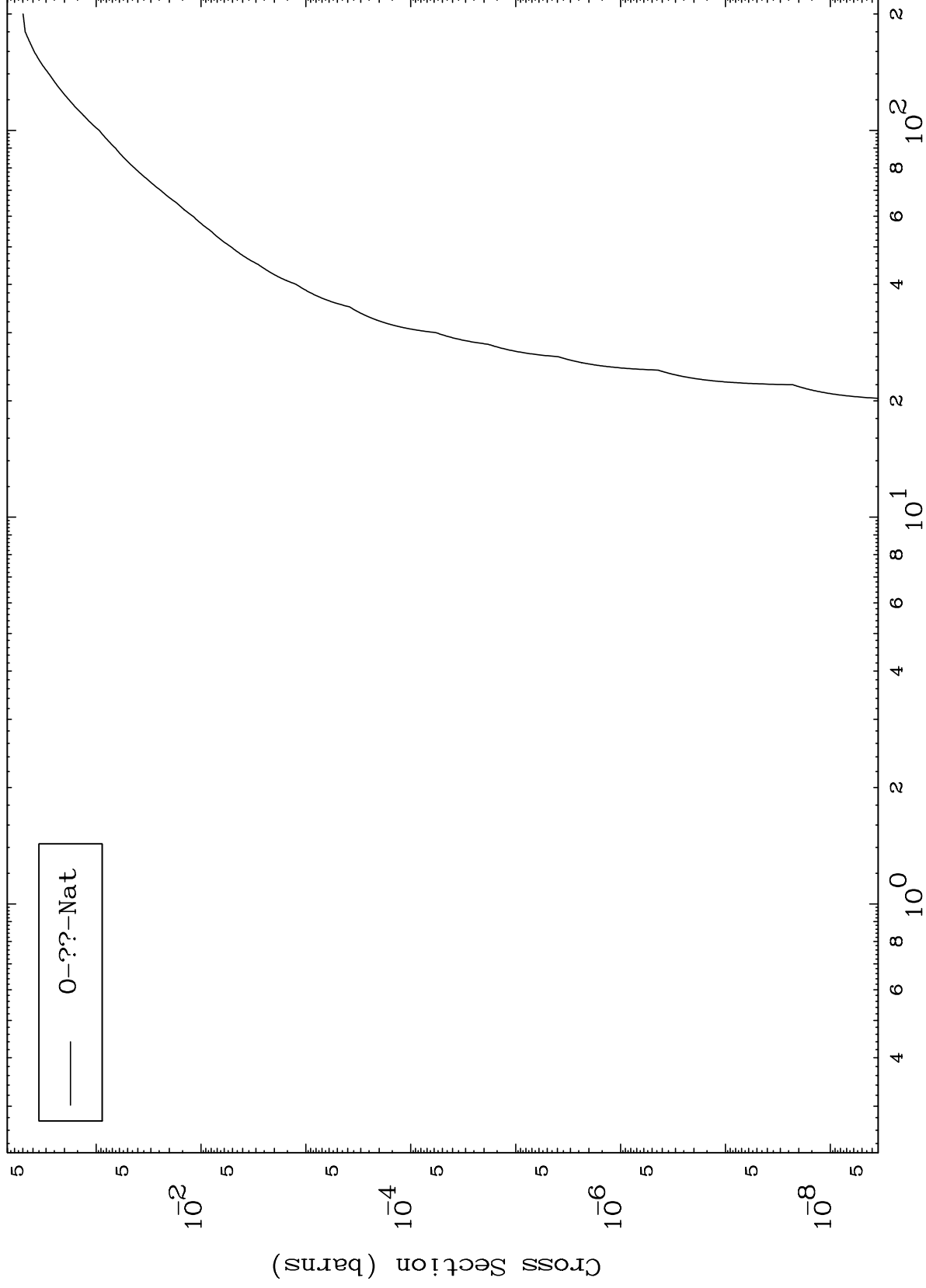


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Fission

79-Au-197

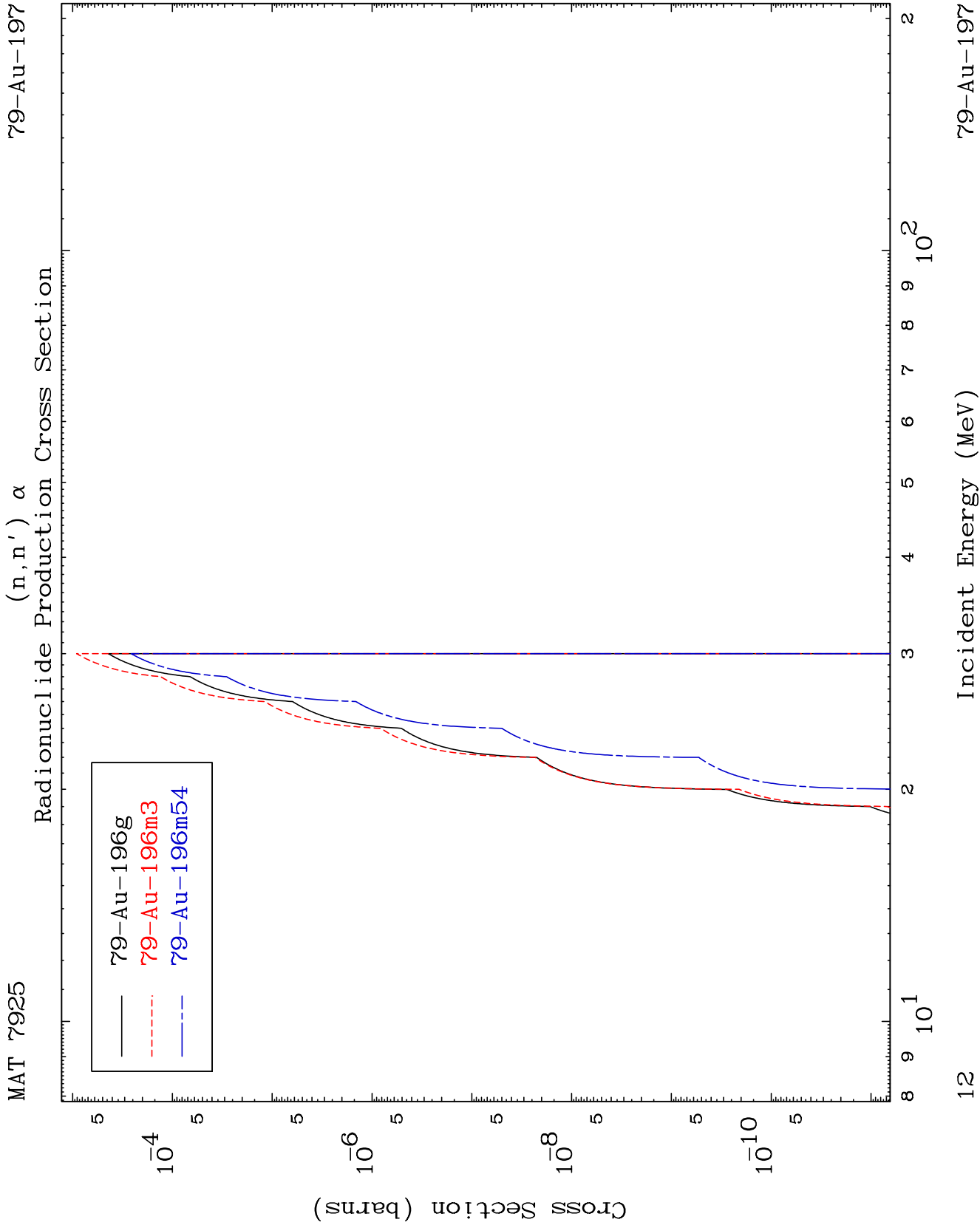
Radionuclide Production Cross Section



11

Incident Energy (MeV)

79-Au-197

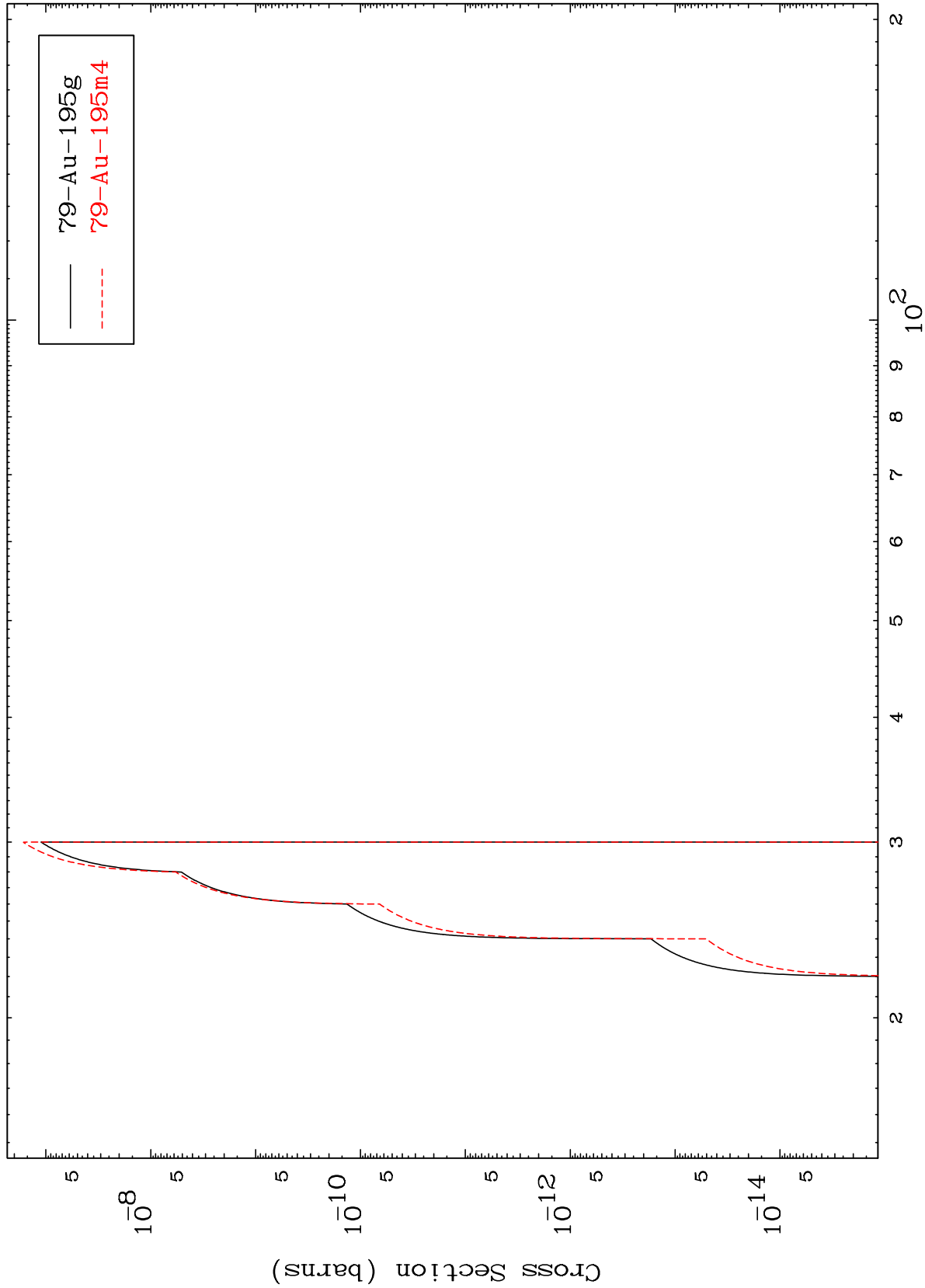


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79-Au-197

(n,2n) α

Radionuclide Production Cross Section

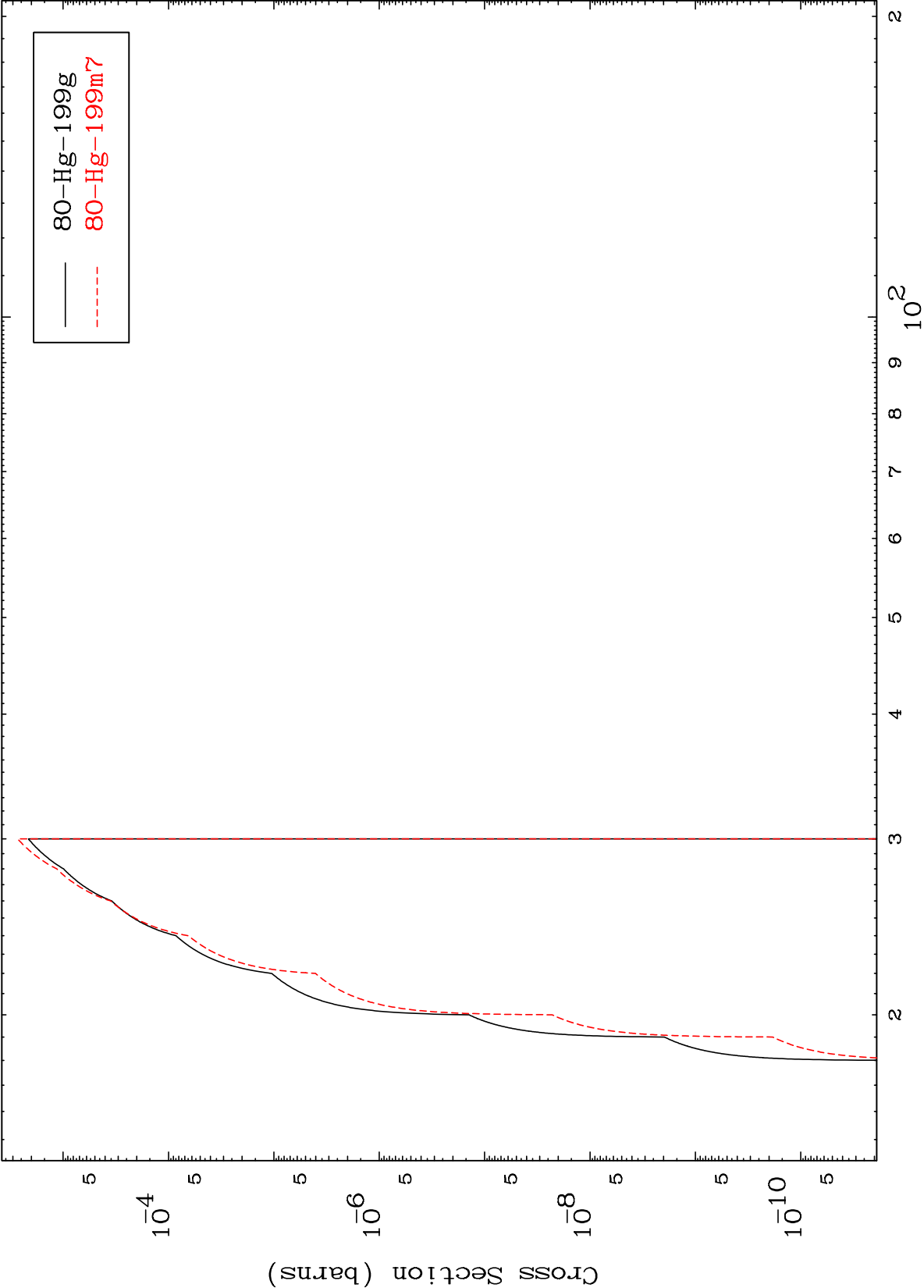


13

Incident Energy (MeV)

79-Au-197

(n,n') p
Radionuclide Production Cross Section

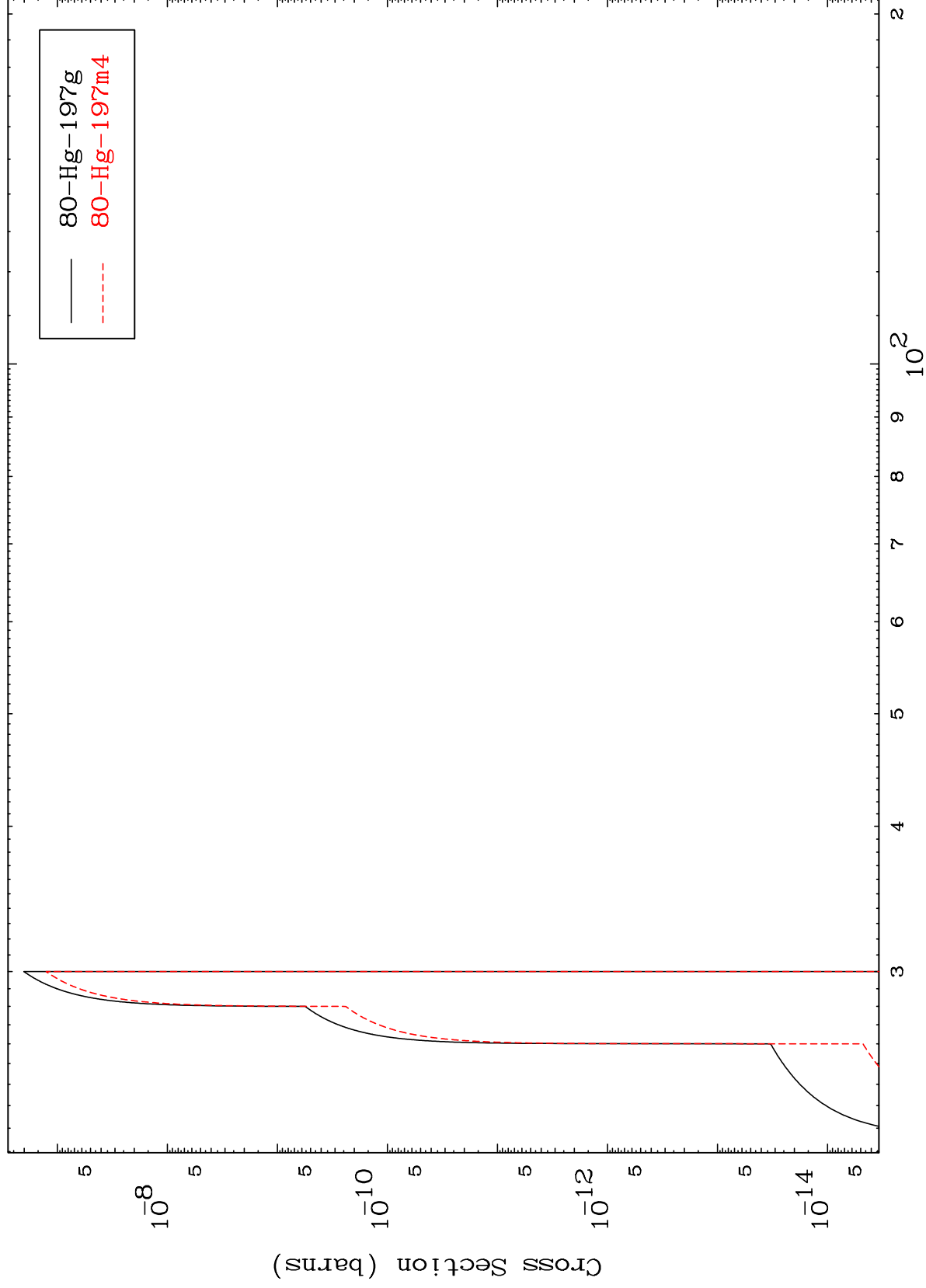


MAT 7925

(n,n') t

79-Au-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

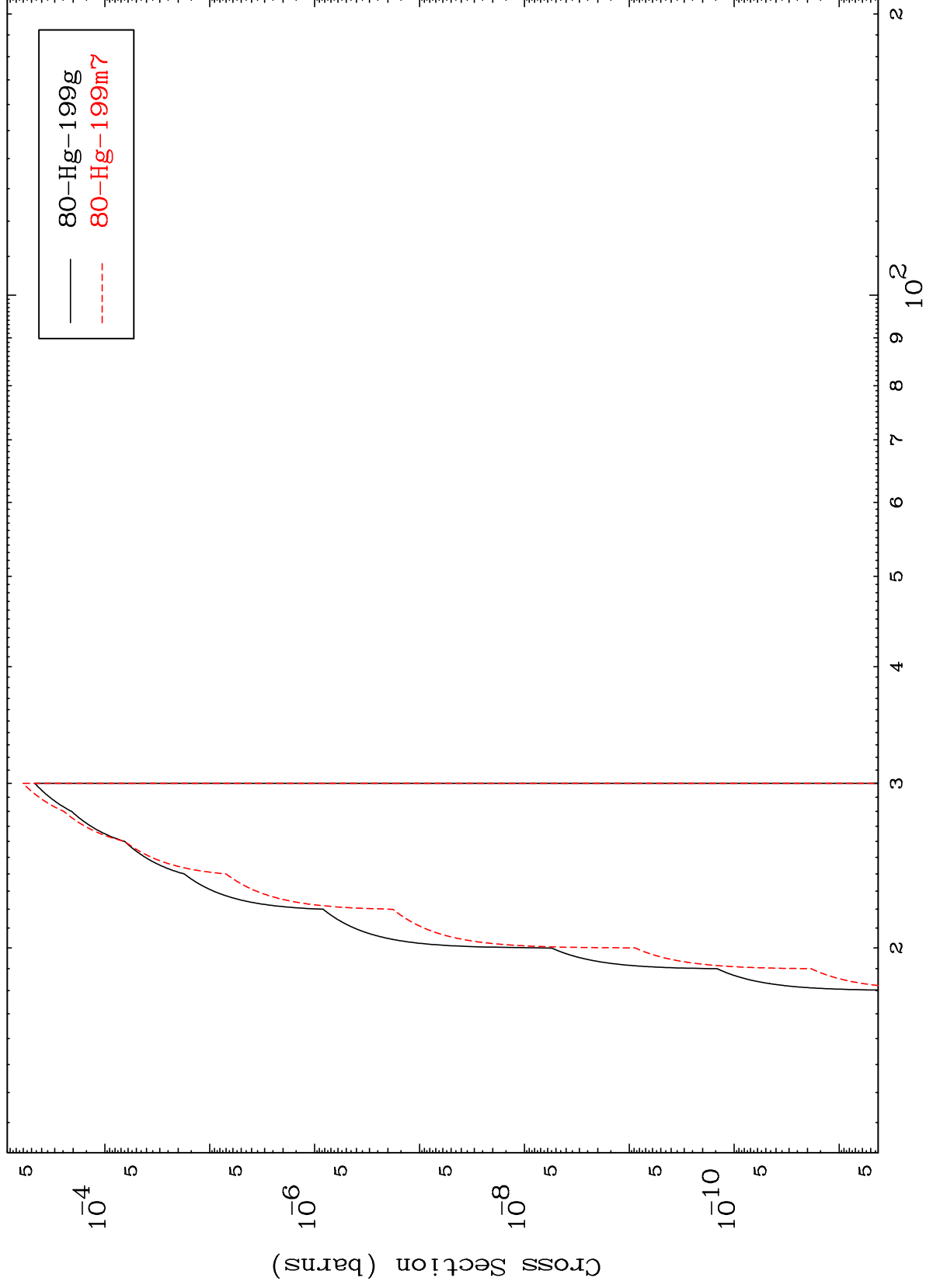
79-Au-197

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(n,d)

79-Au-197

Radionuclide Production Cross Section



16

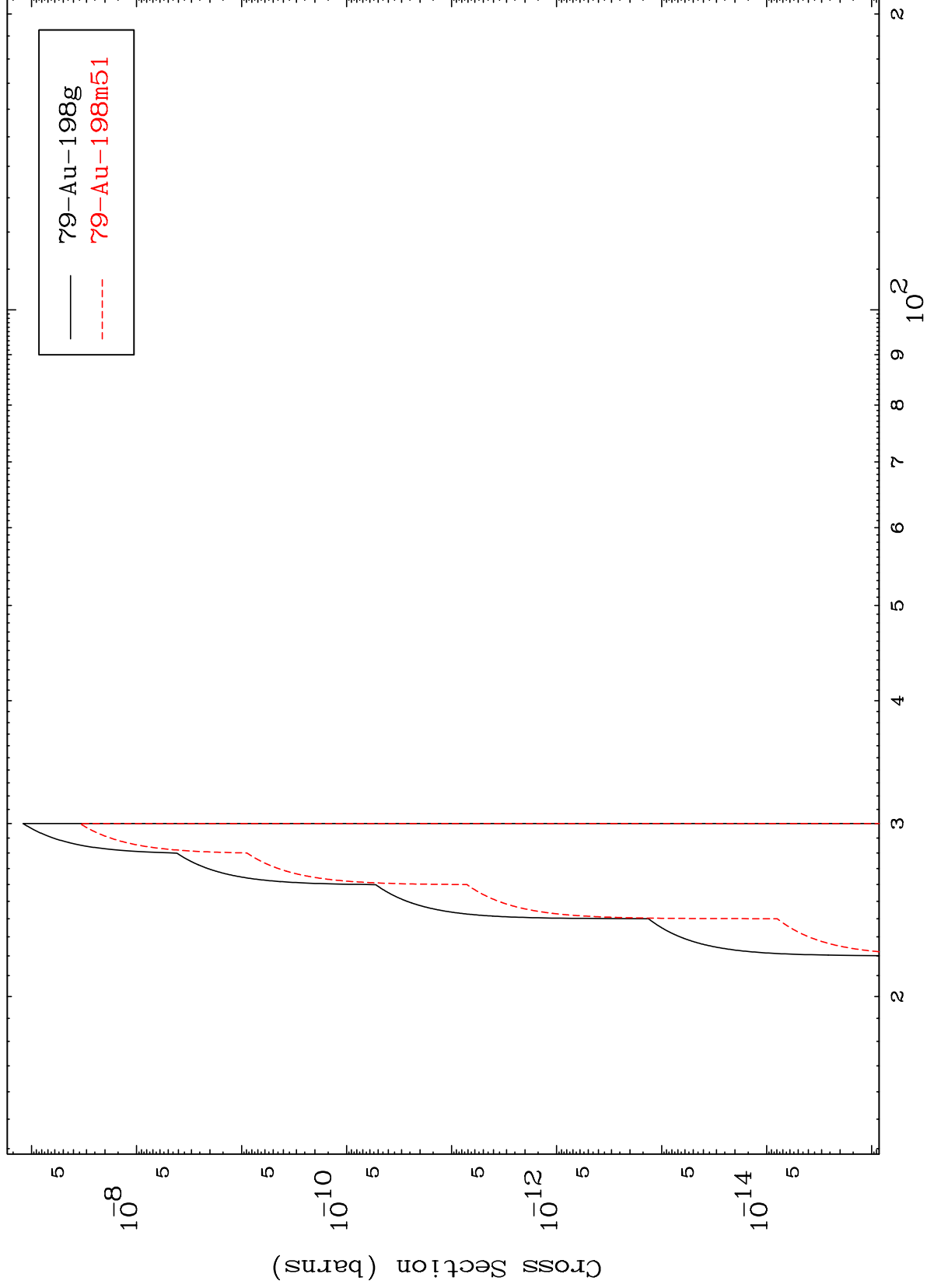
Incident Energy (MeV)

79-Au-197

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$^{79}\text{Au-197}$

$(n, \text{He-3})$
Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{79}\text{Au-197}$

