

Program EVALPLOT
(Version 2018-1)

by

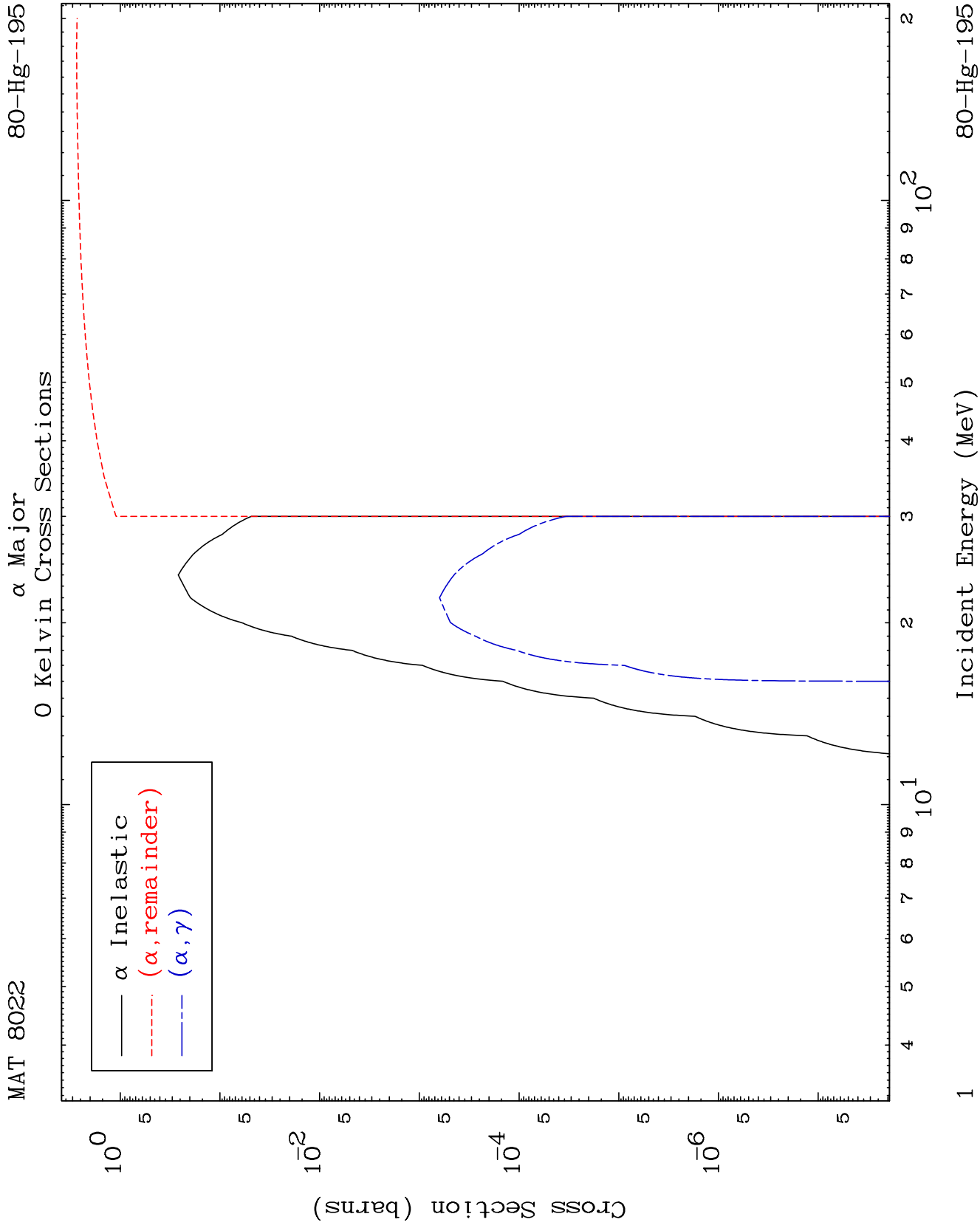
Dermott E. Cullen
(Present Contact Information)

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1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

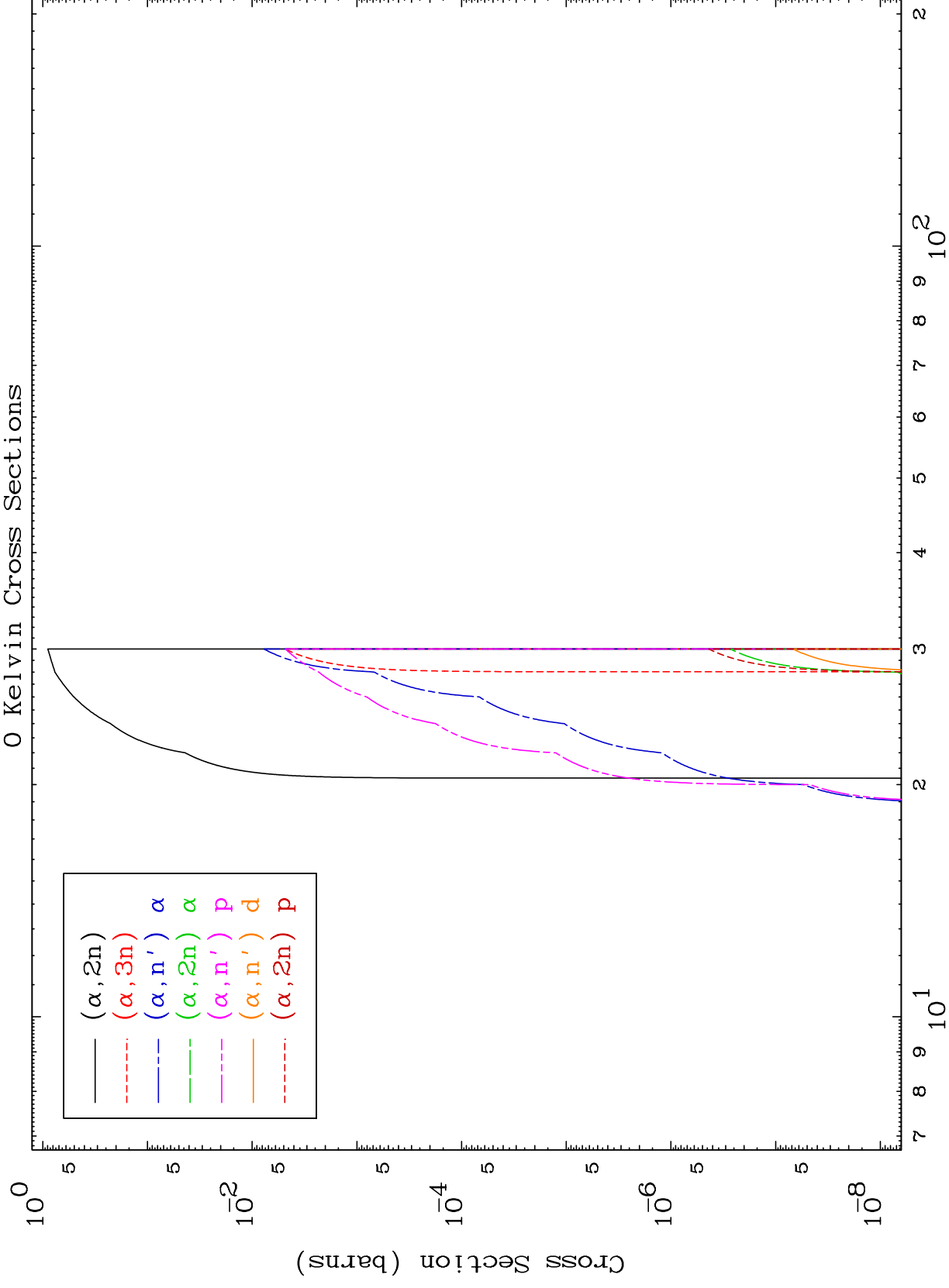
Press Mouse Button to Start



MAT 8022

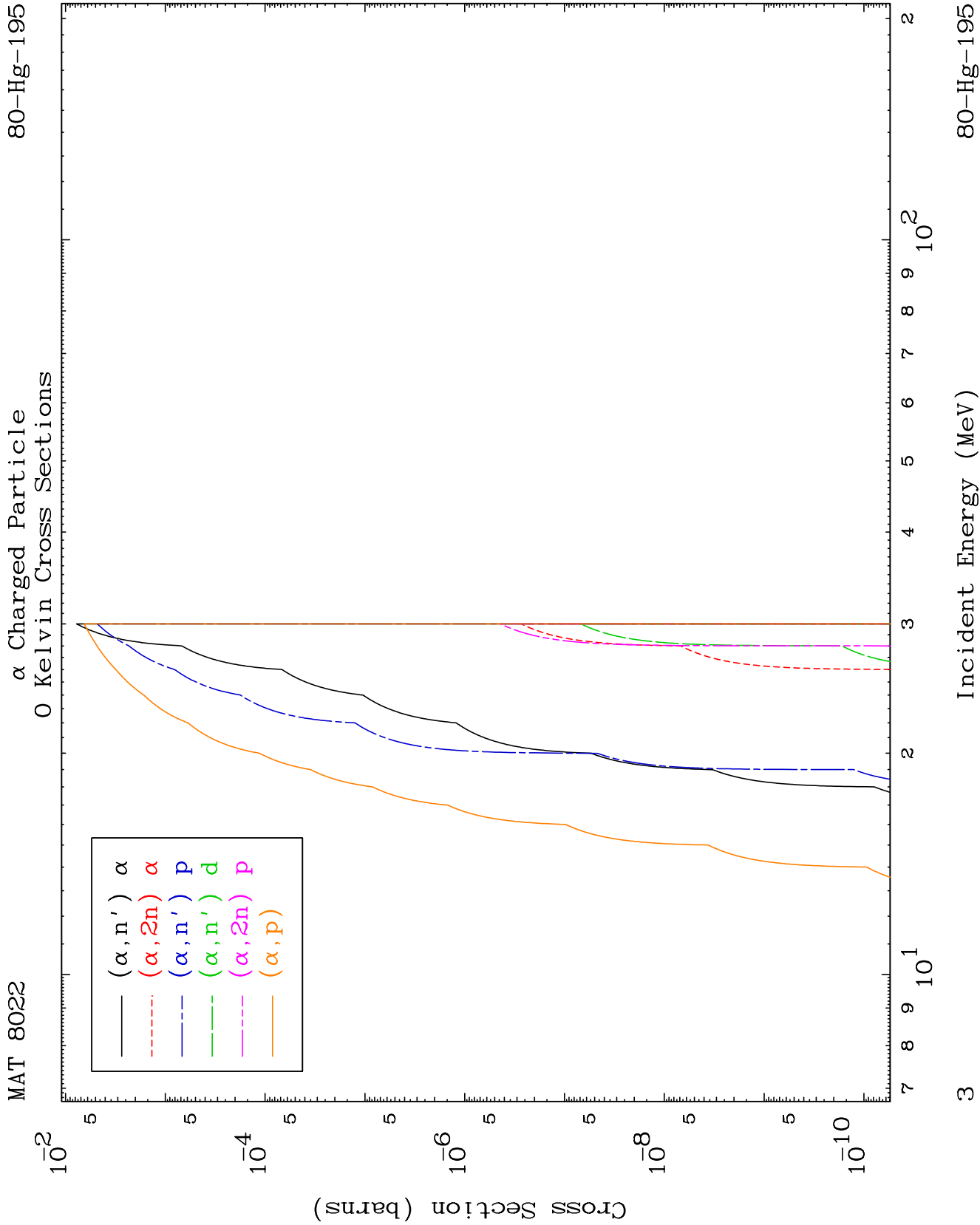
α Neutron Production 0 Kelvin Cross Sections

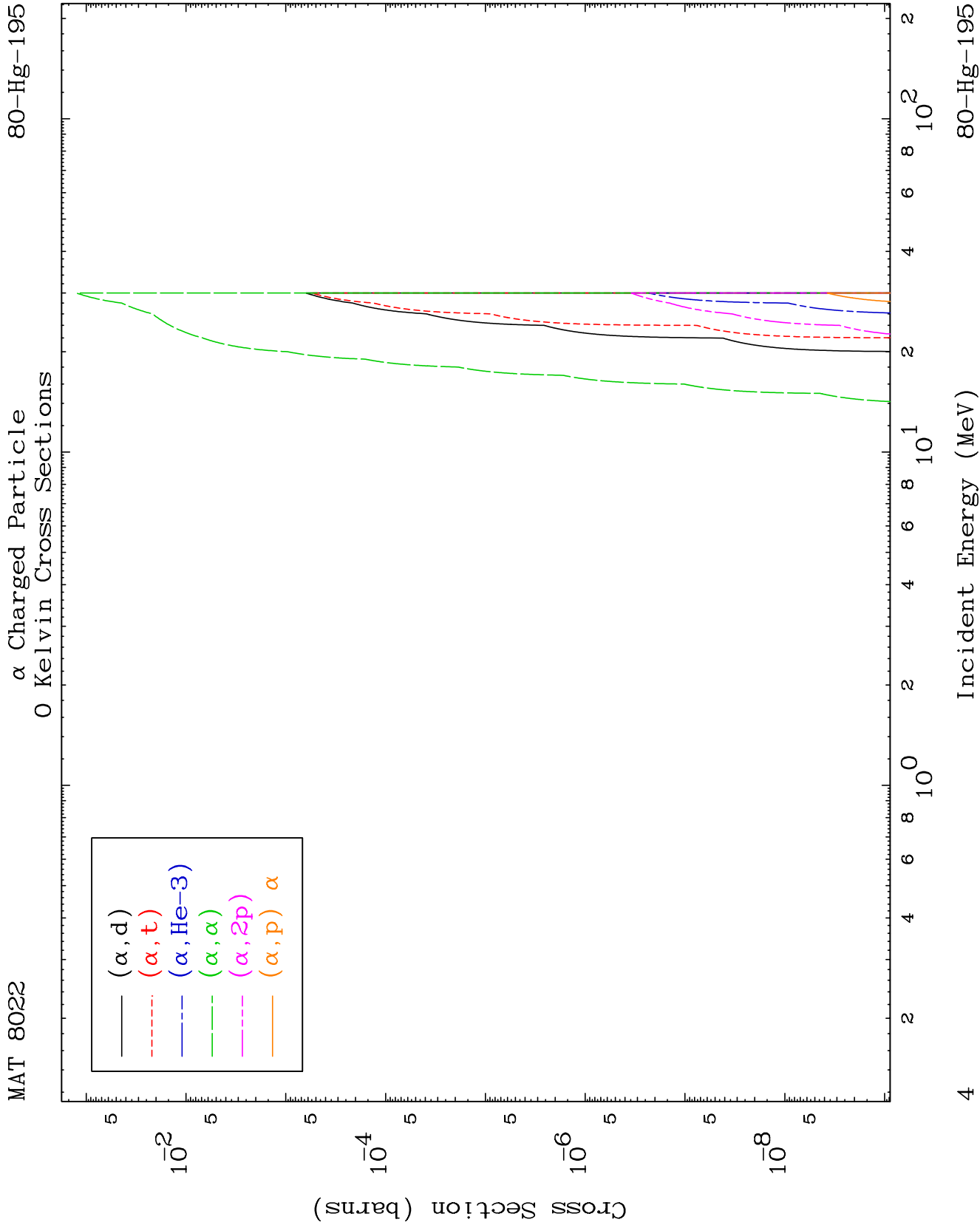
80-Hg-195



80-Hg-195

Incident Energy (MeV)



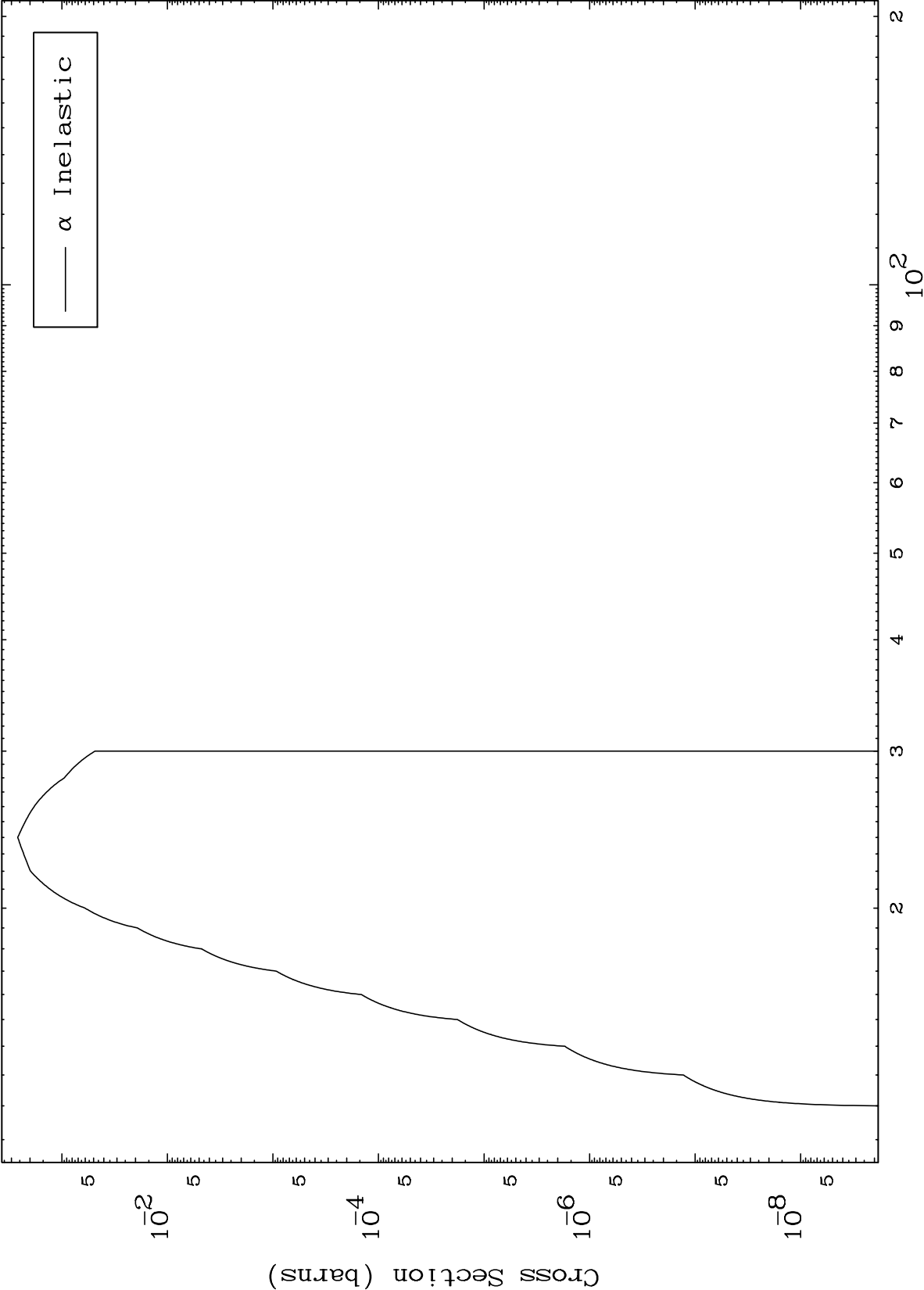


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(α, n') Level

0 Kelvin Cross Sections

80-Hg-195



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Incident Energy (MeV)

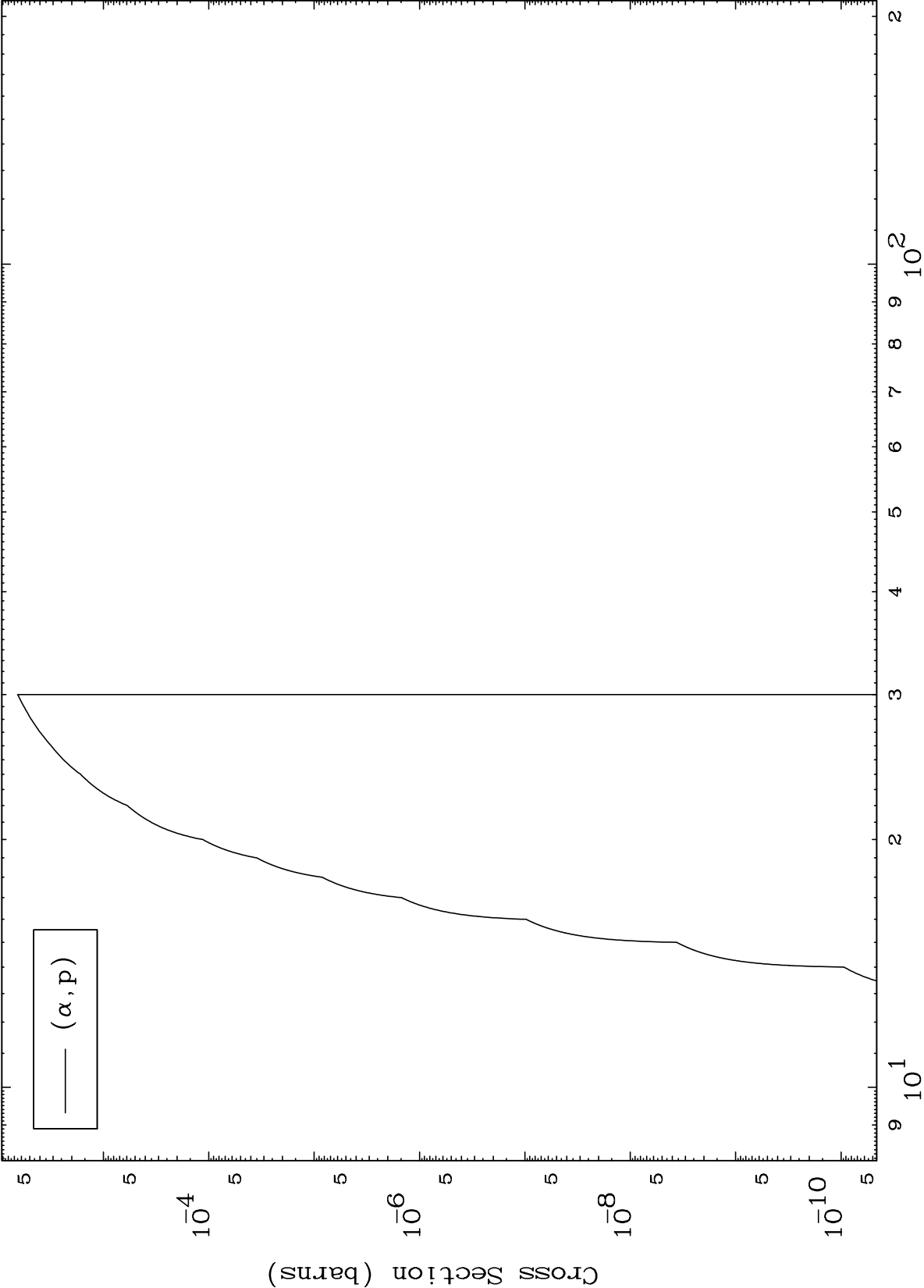
80-Hg-195

MAT 8022

(α ,p) Levels

80-Hg-195

0 Kelvin Cross Sections



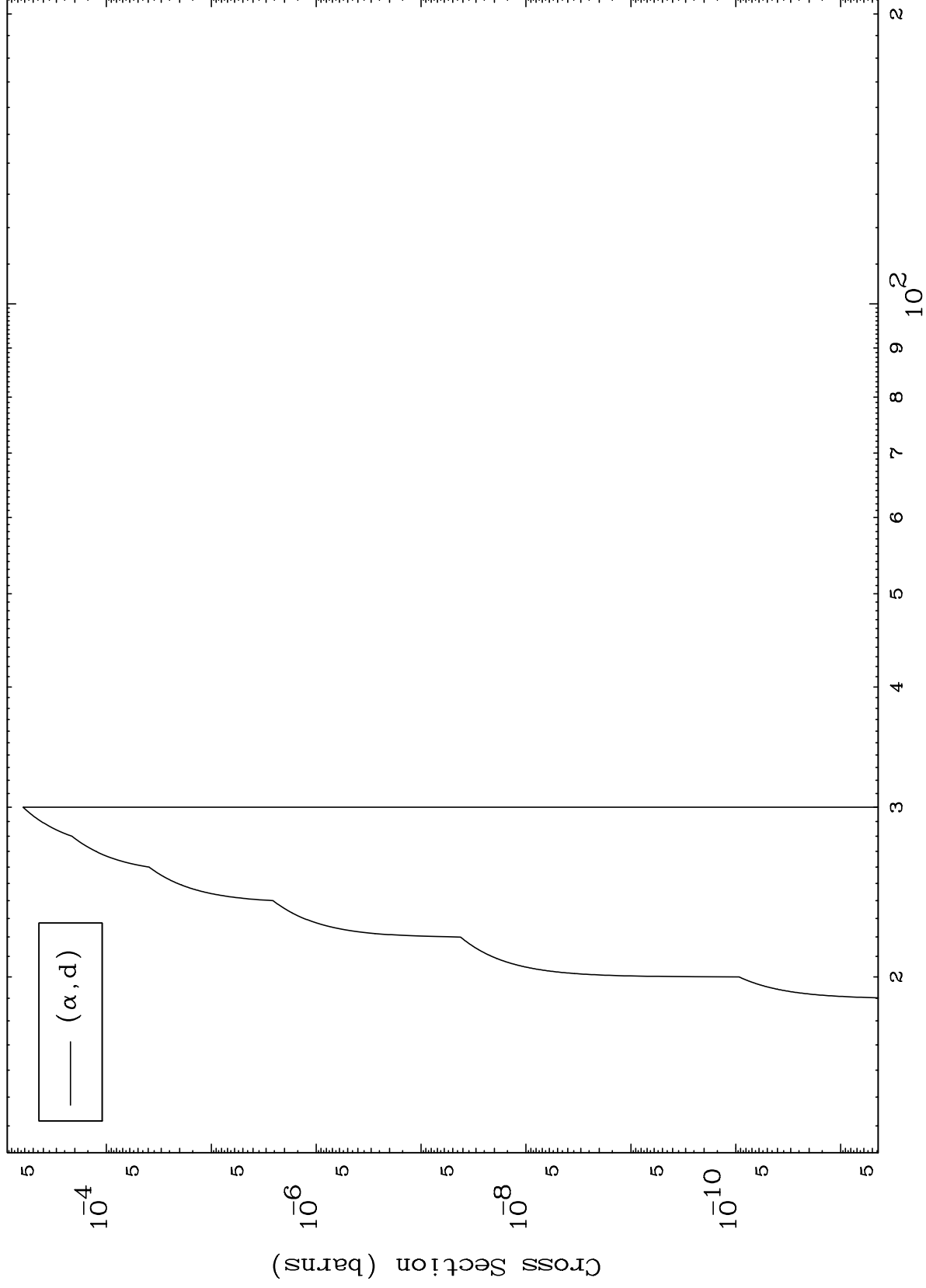
Incident Energy (MeV)

80-Hg-195

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80-Hg-195

(α, d) Levels
0 Kelvin Cross Sections



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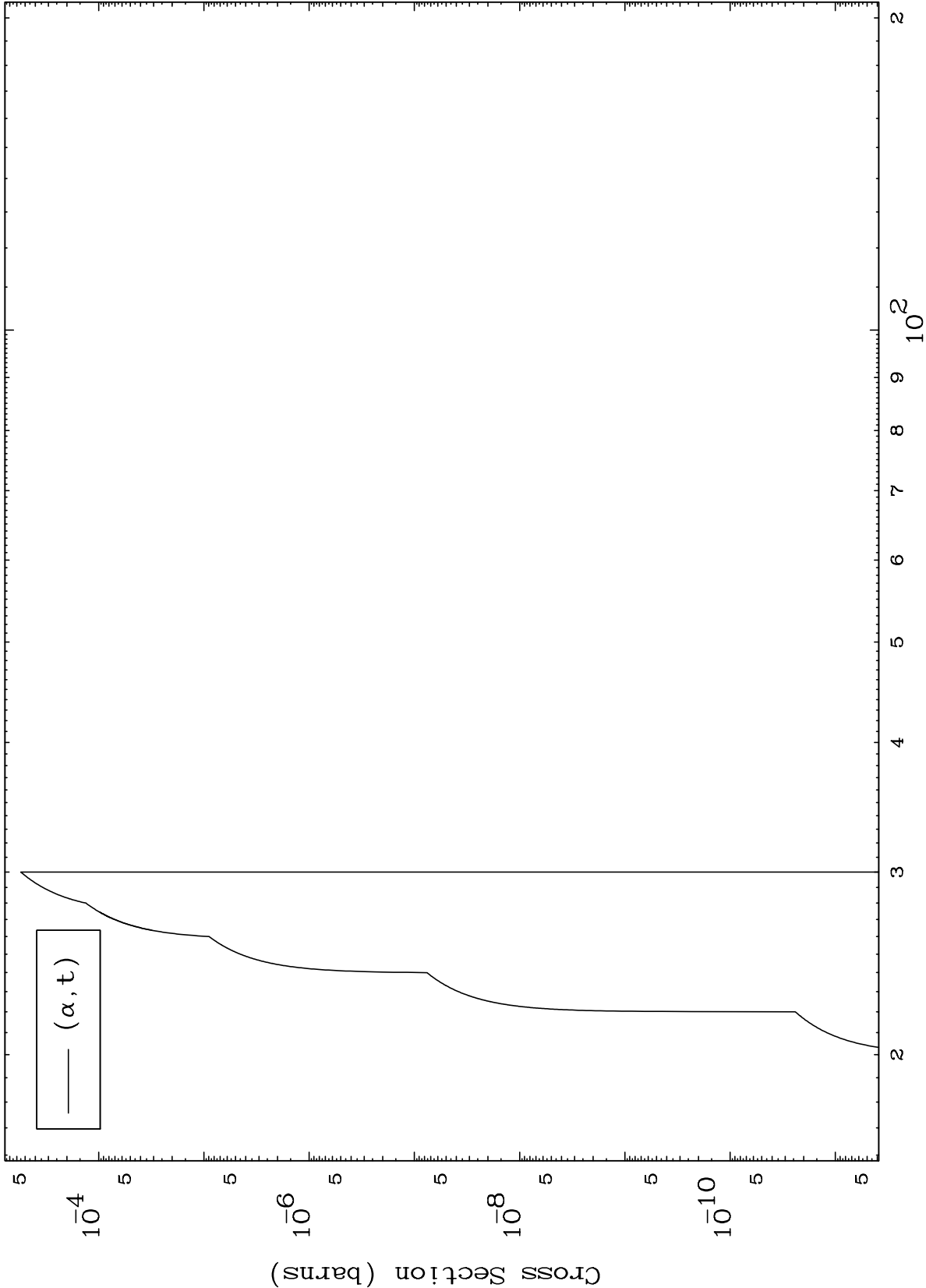
Incident Energy (MeV)

80-Hg-195

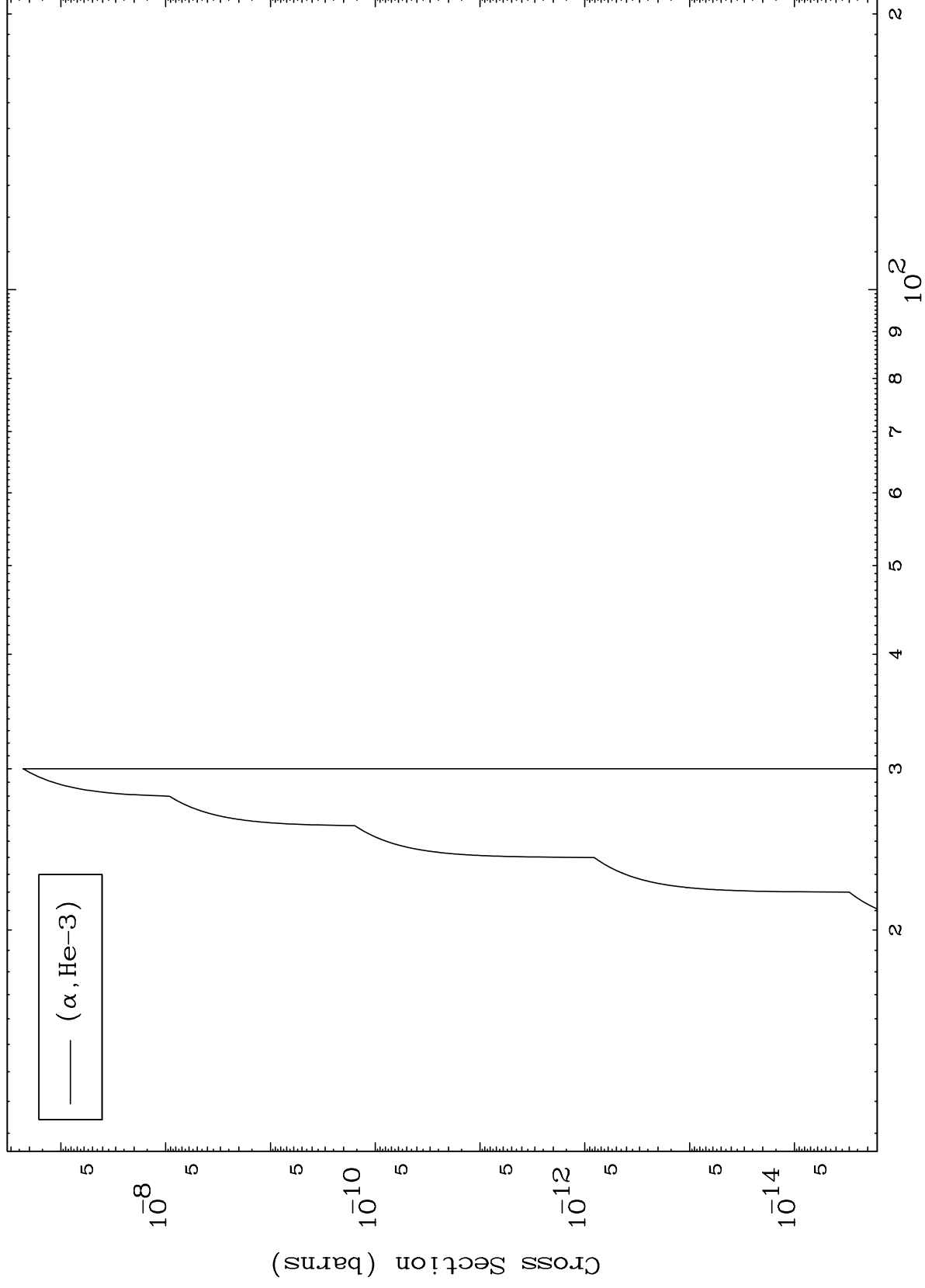
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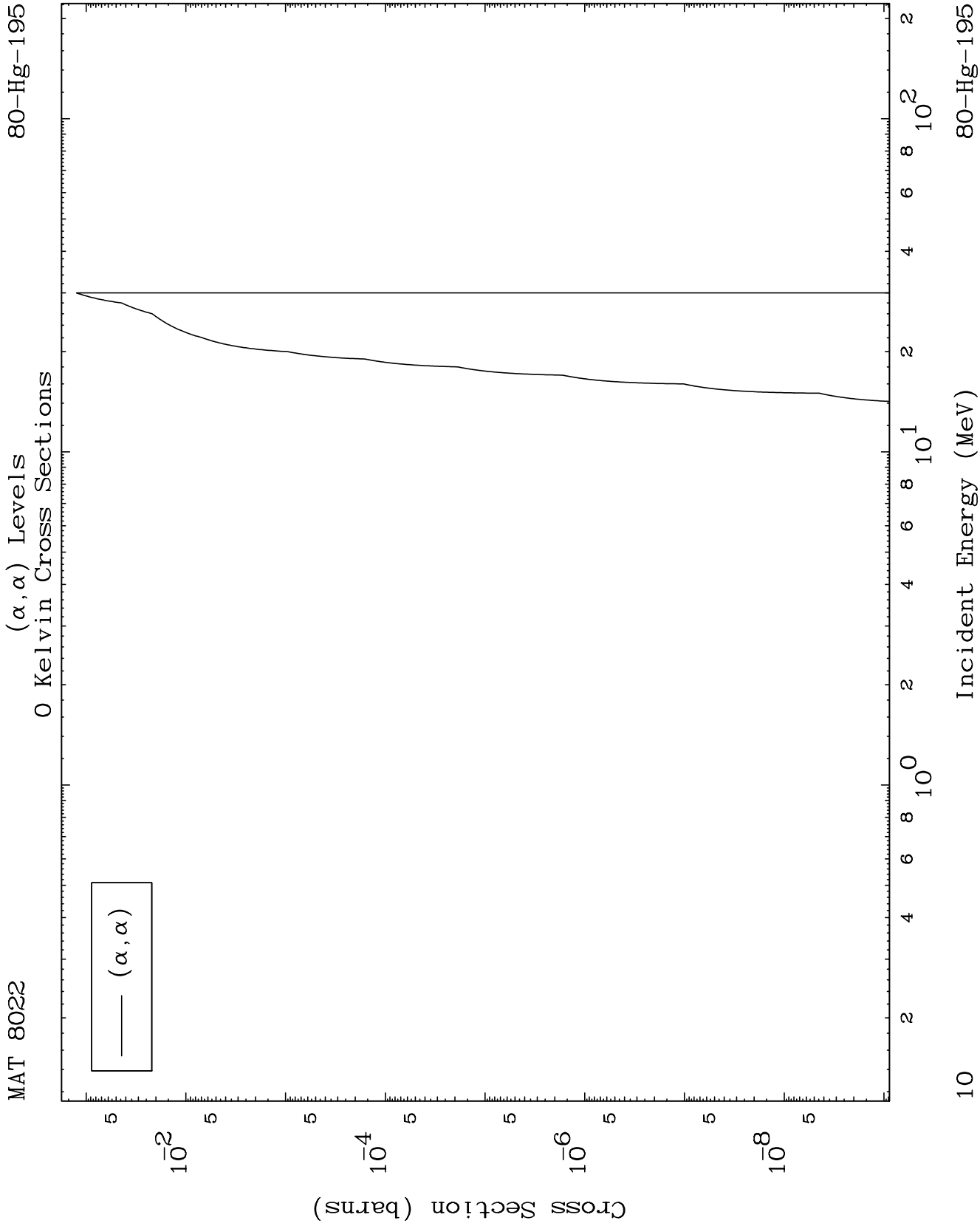
(α, t) Levels
0 Kelvin Cross Sections

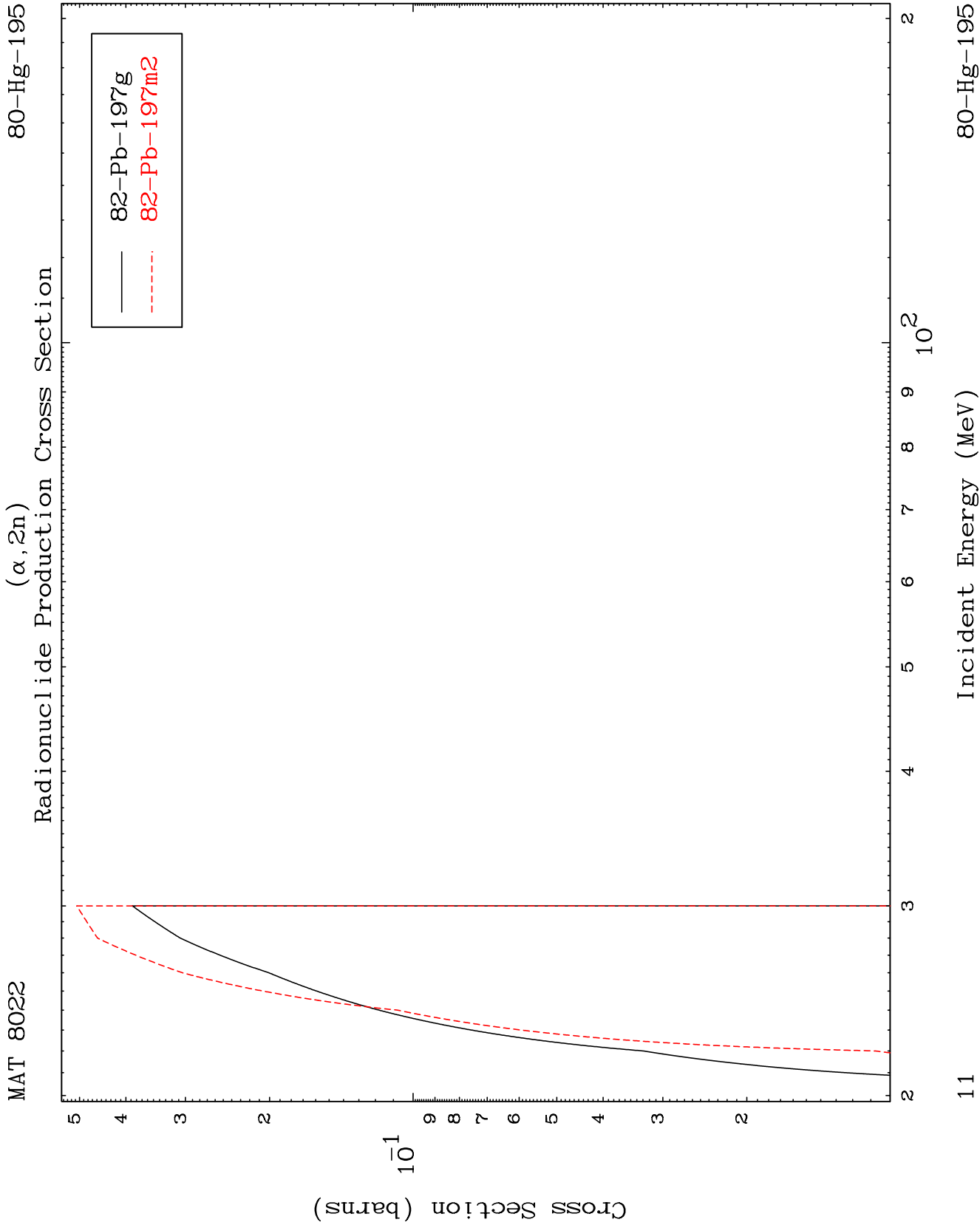
80-Hg-195



(α ,He3) Levels
0 Kelvin Cross Sections





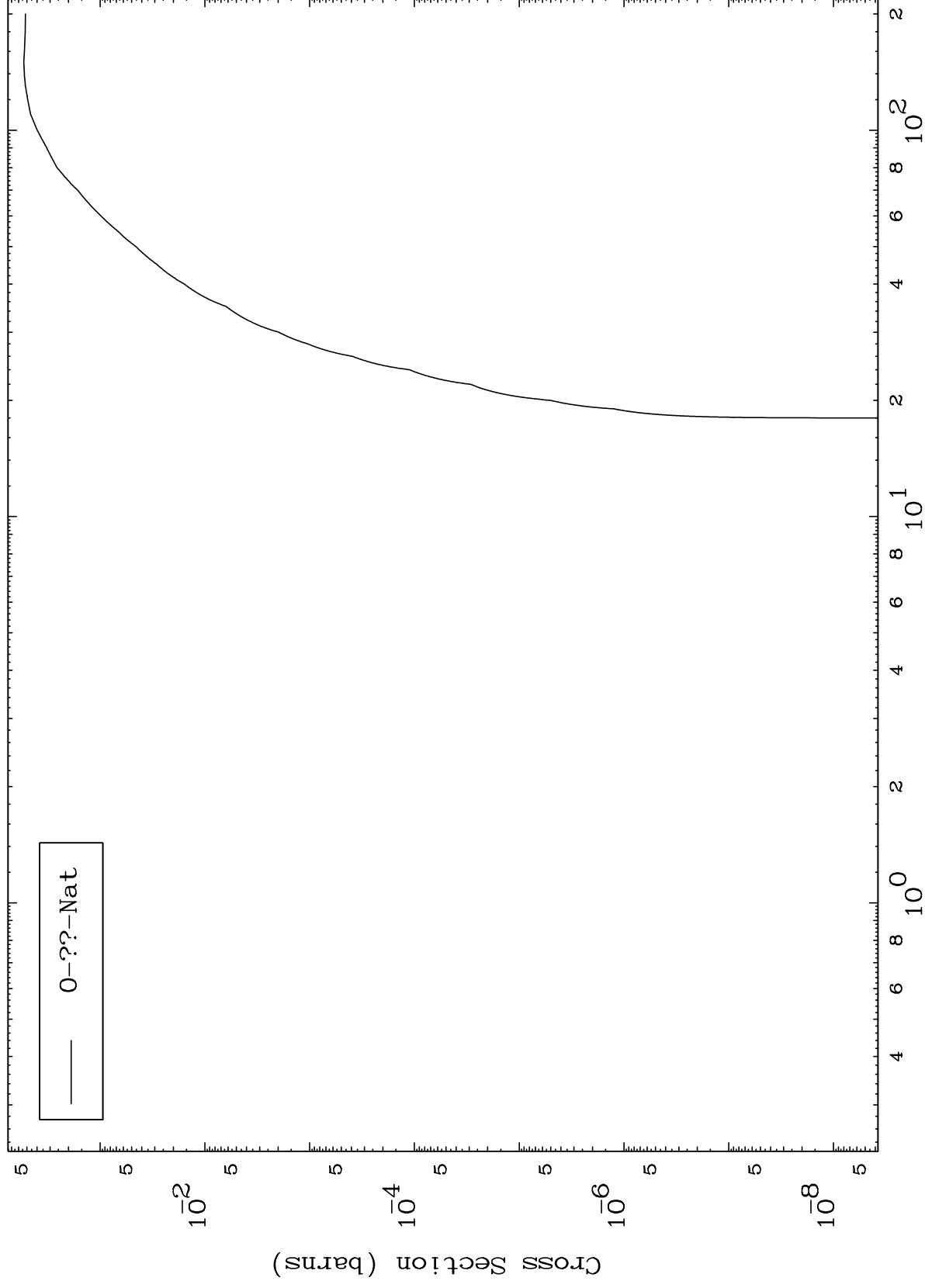


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α Fission

80-Hg-195

Radionuclide Production Cross Section



0-??-Nat

12

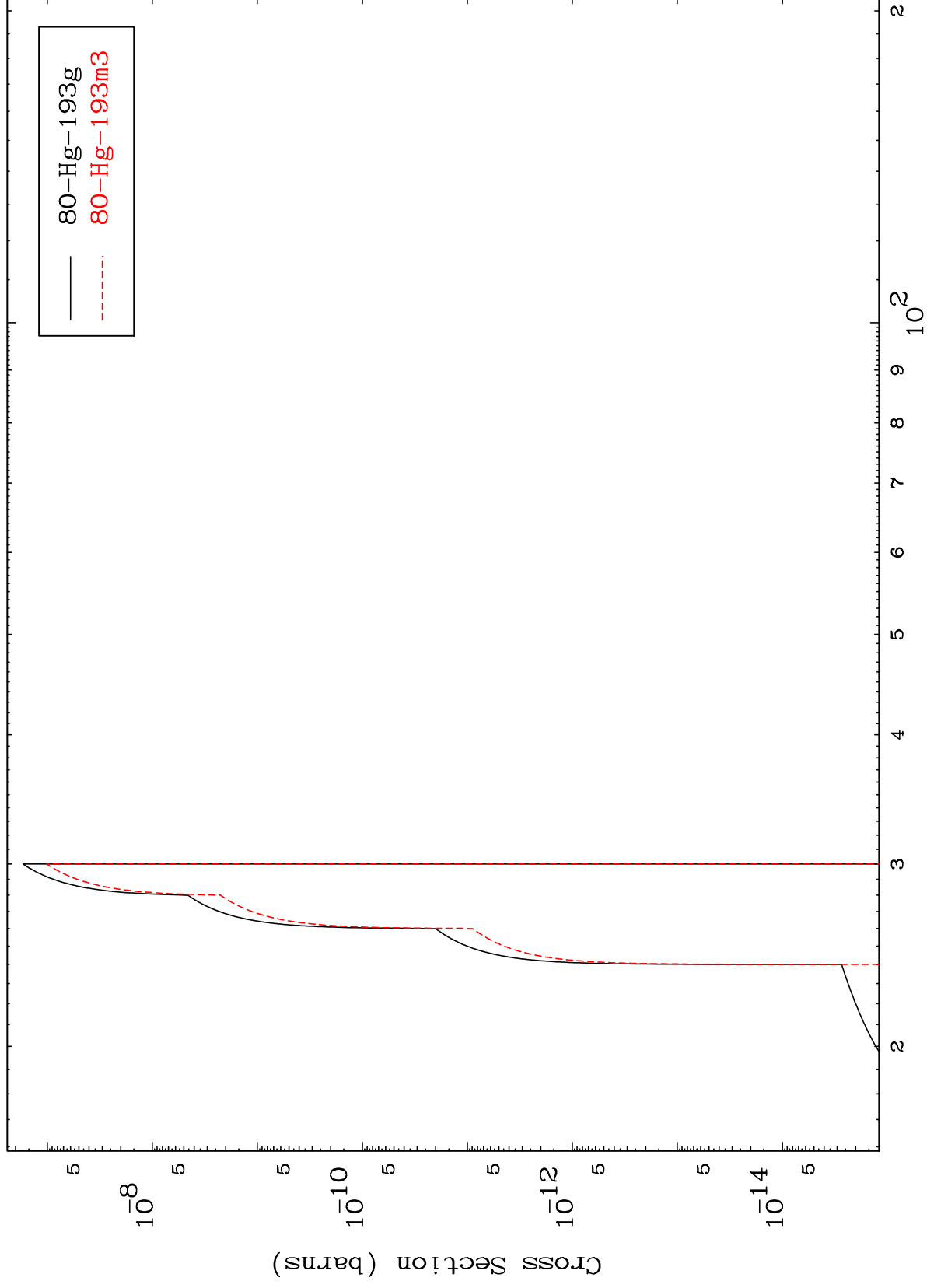
Incident Energy (MeV)

80-Hg-195

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80-Hg-195

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



13

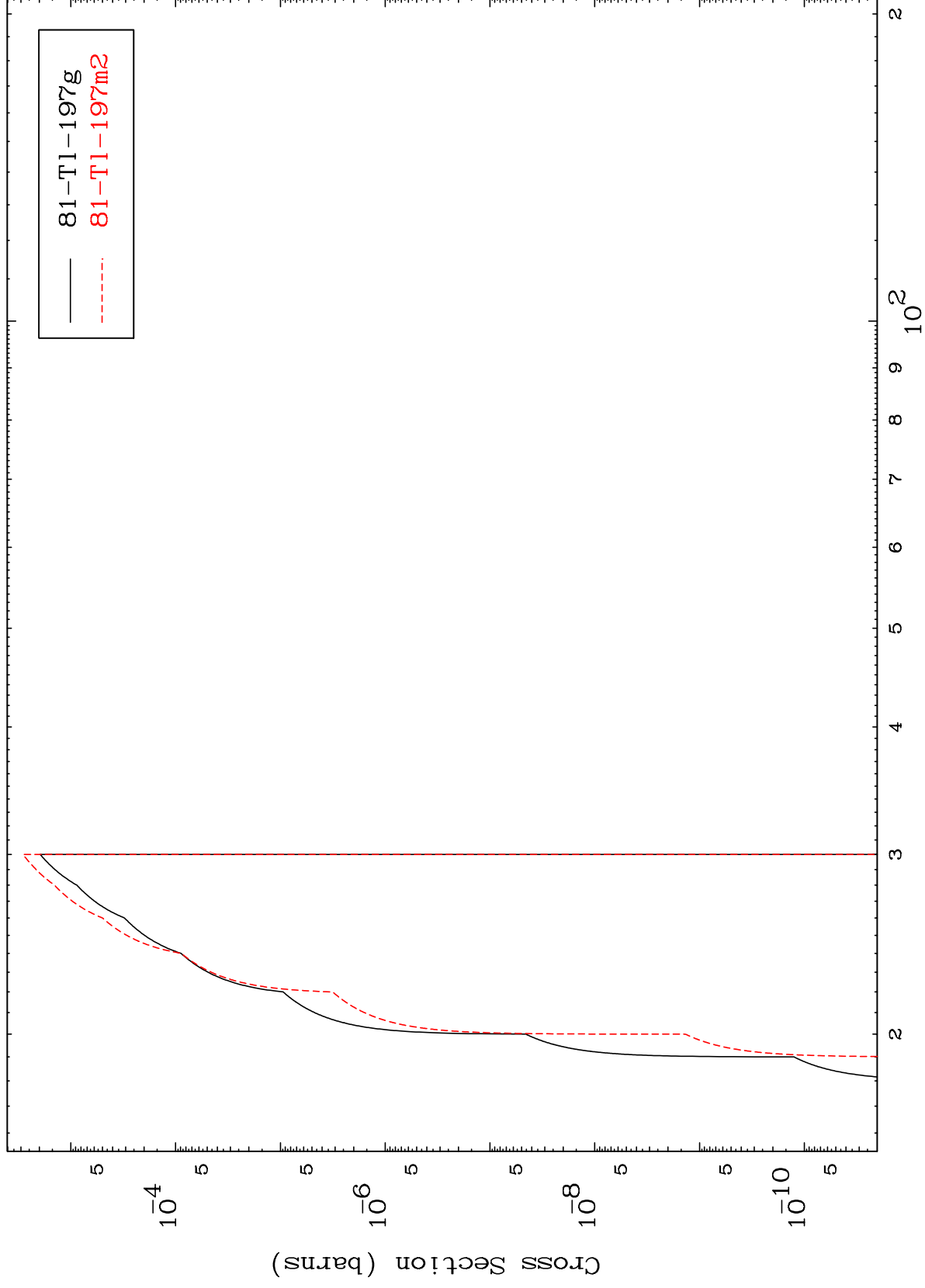
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

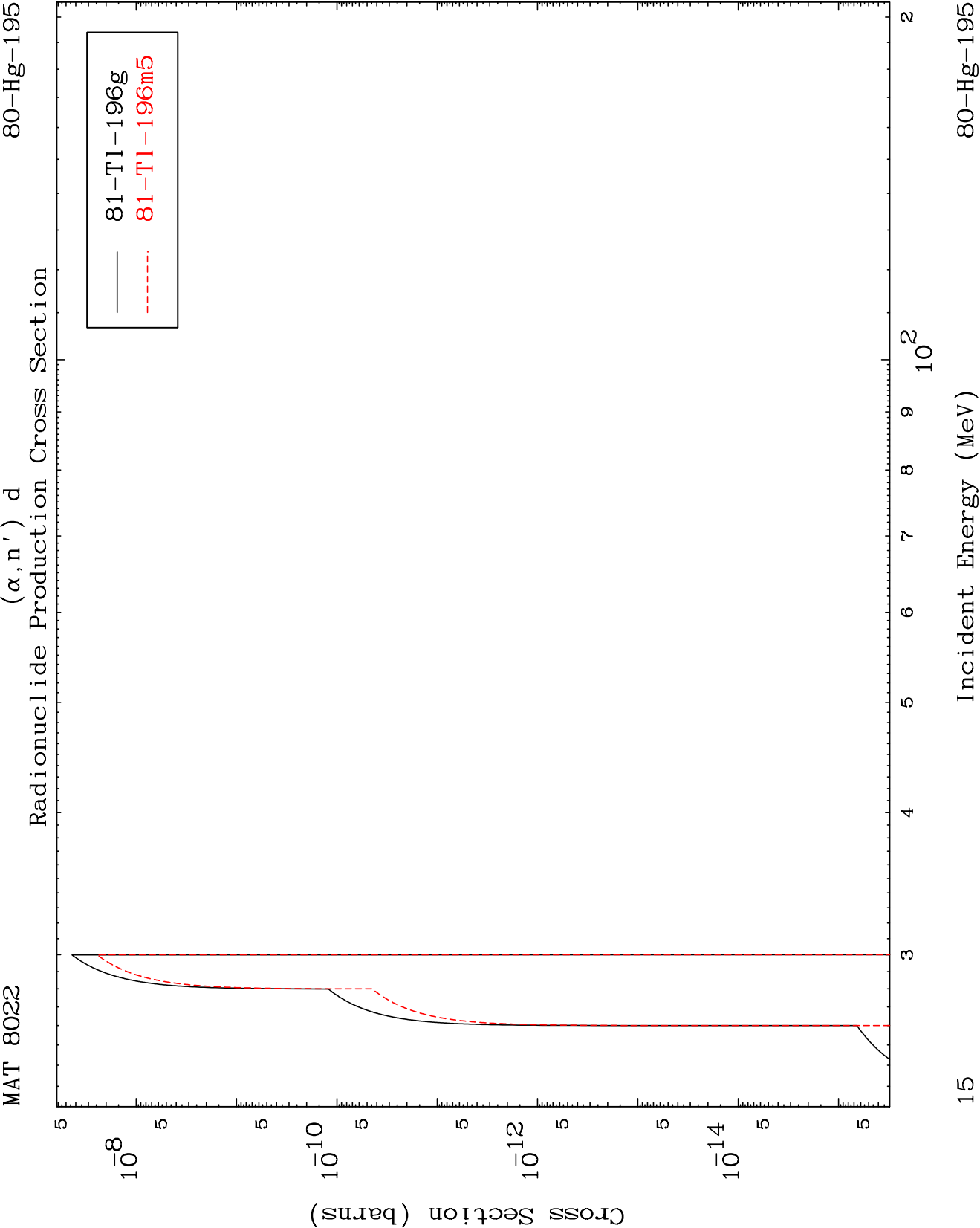
(α, n') p
Radionuclide Production Cross Section

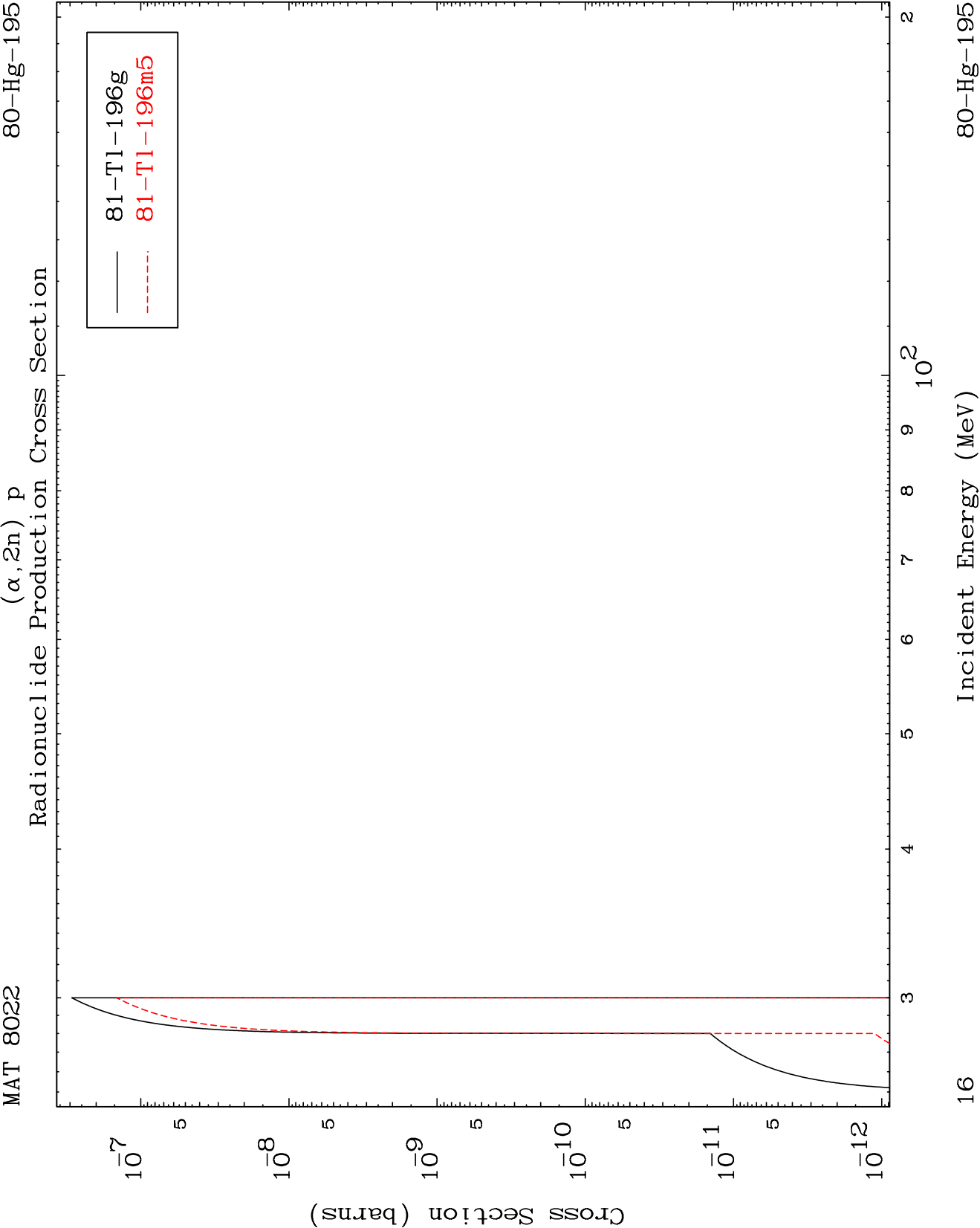


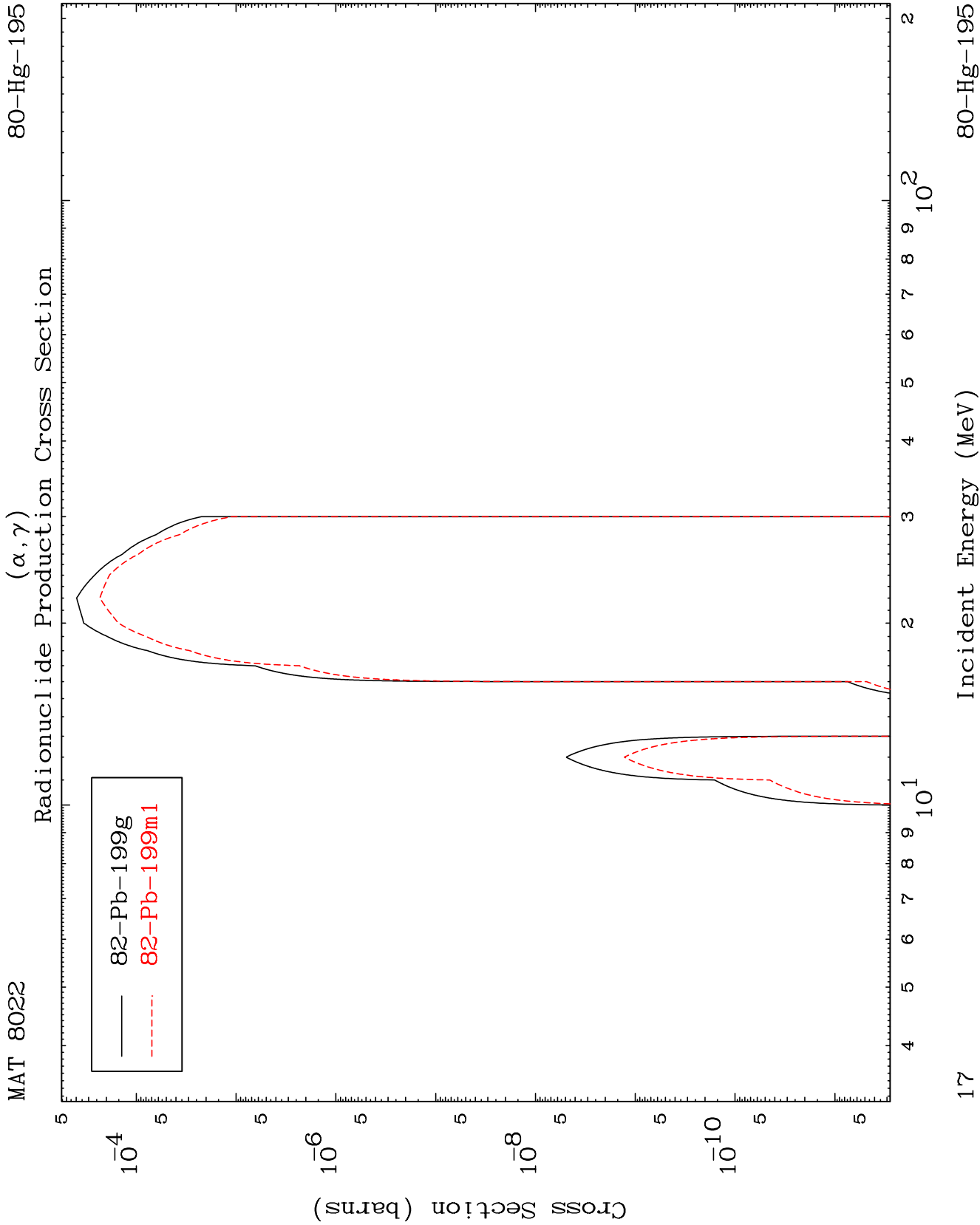
80-Hg-195

Incident Energy (MeV)

14



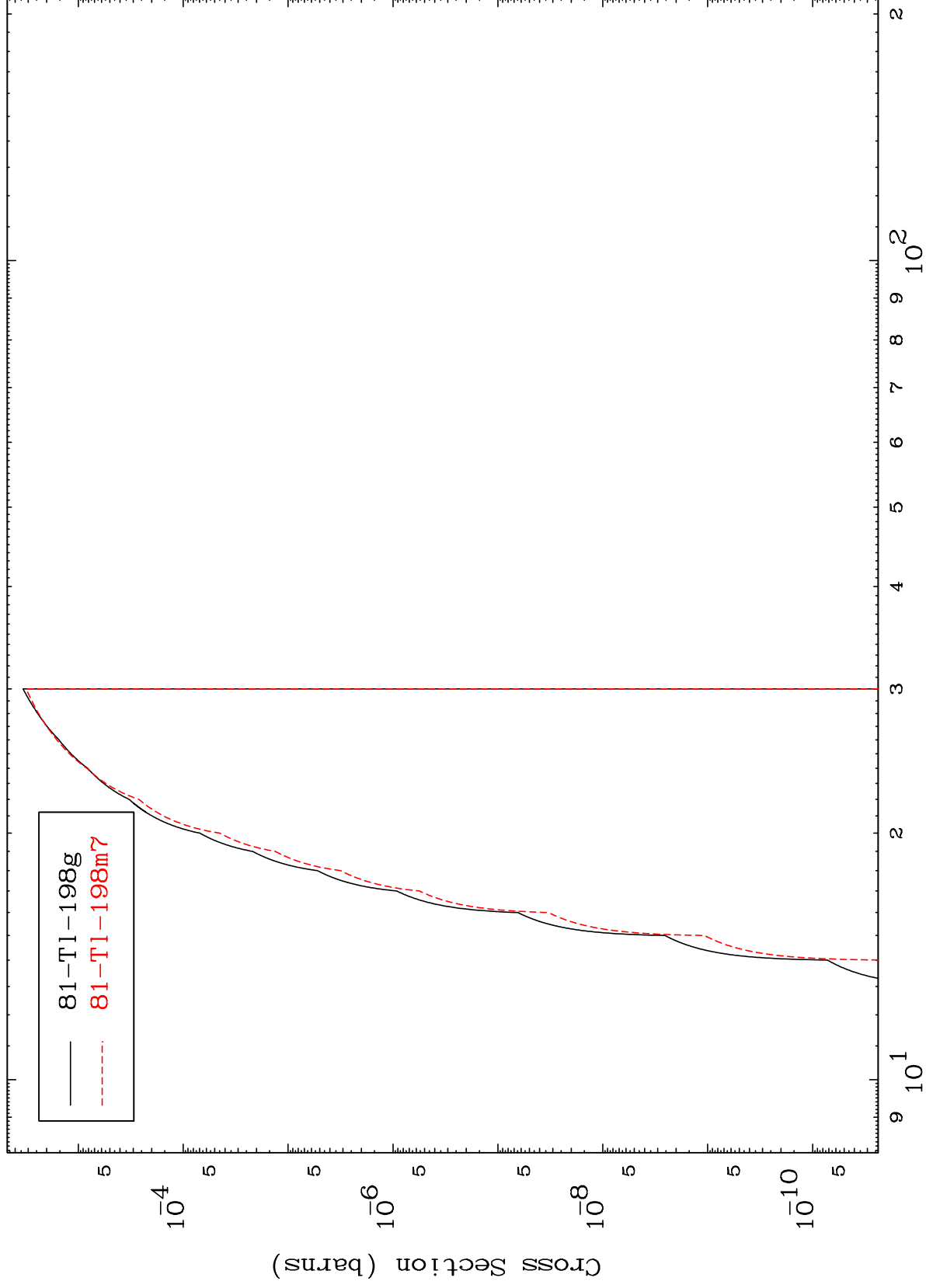




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80-Hg-195

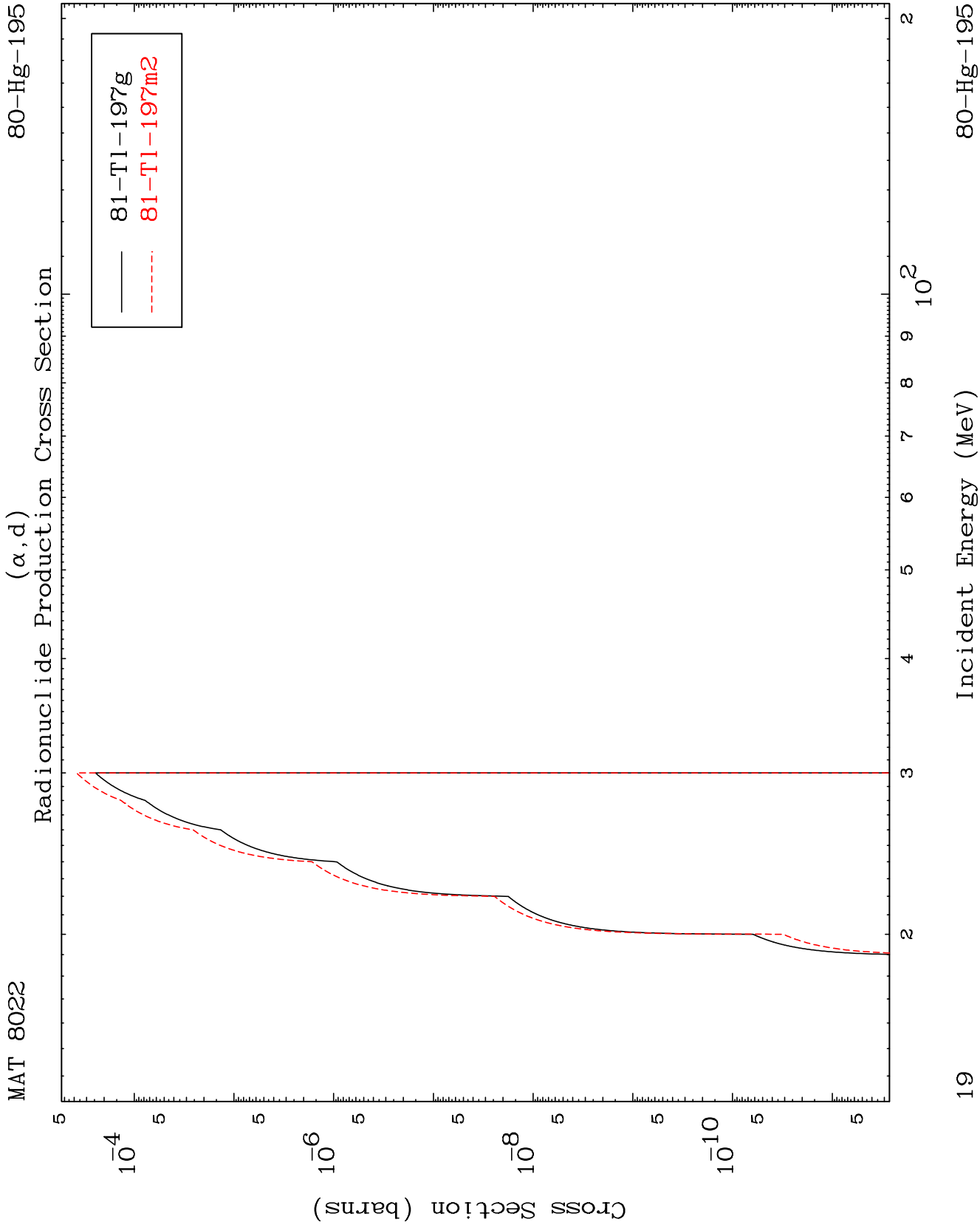
Radionuclide Production Cross Section
(α, p)

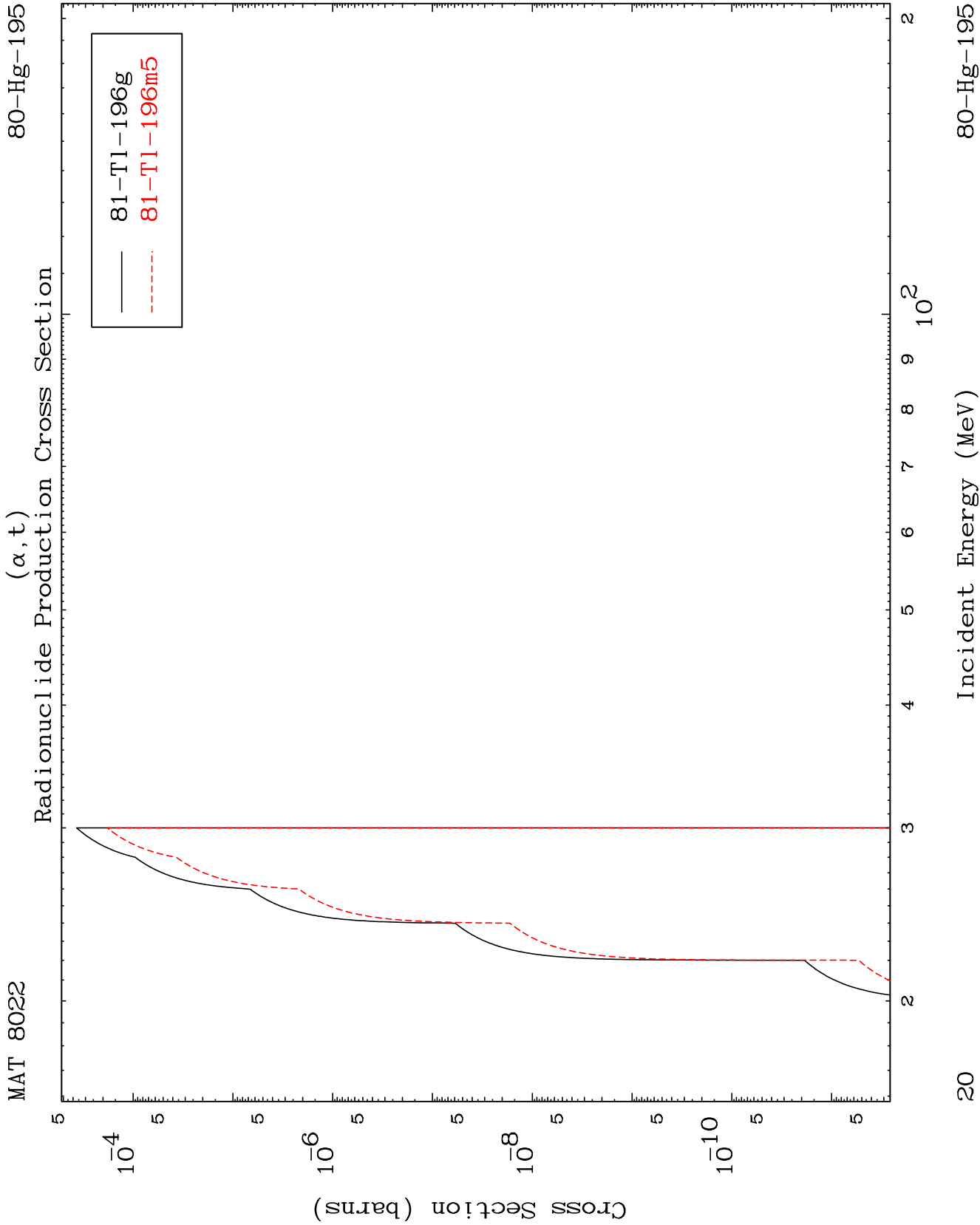


80-Hg-195

Incident Energy (MeV)

18

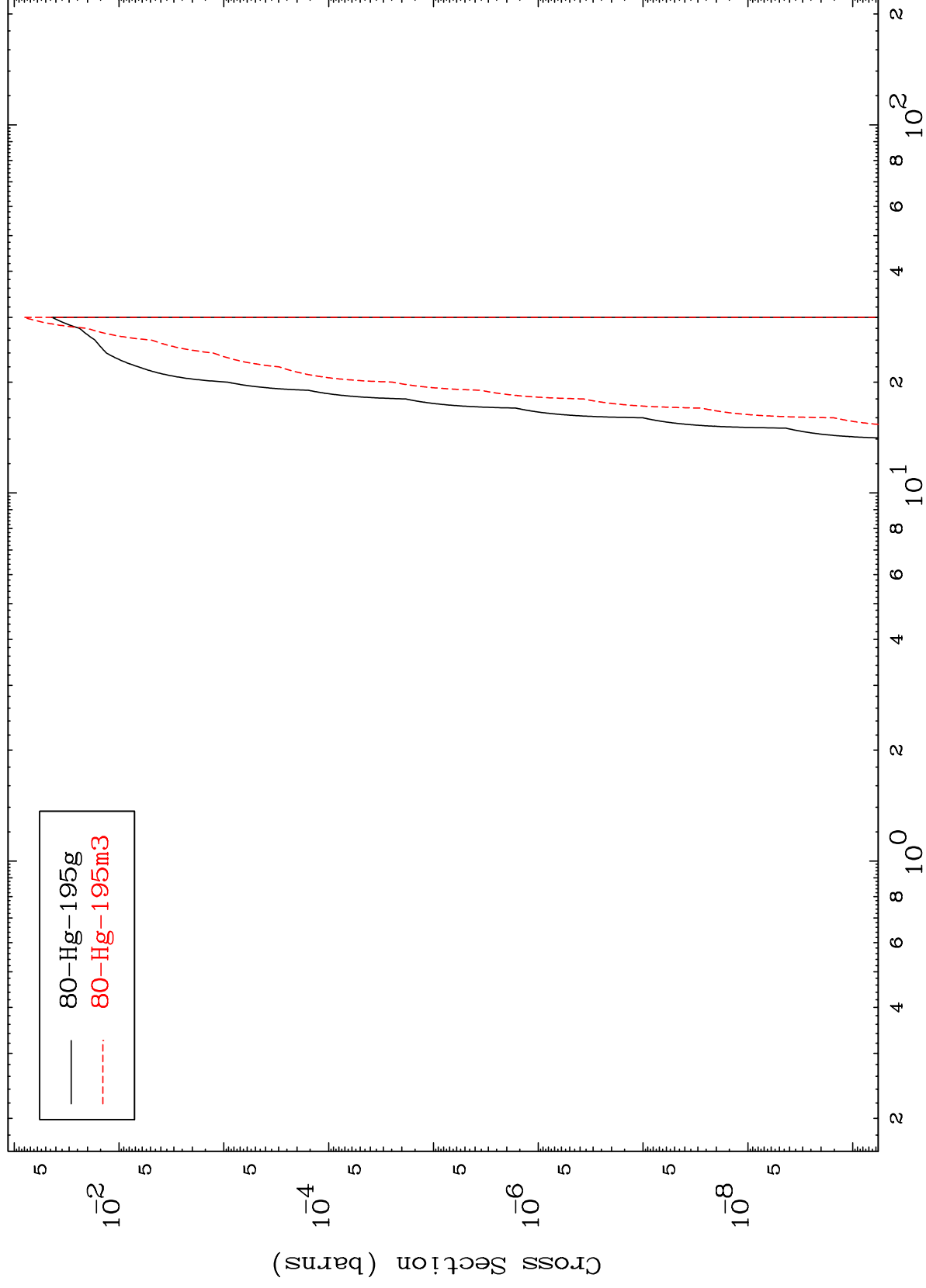




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80-Hg-195

Radionuclide Production Cross Section
(α, α)



21

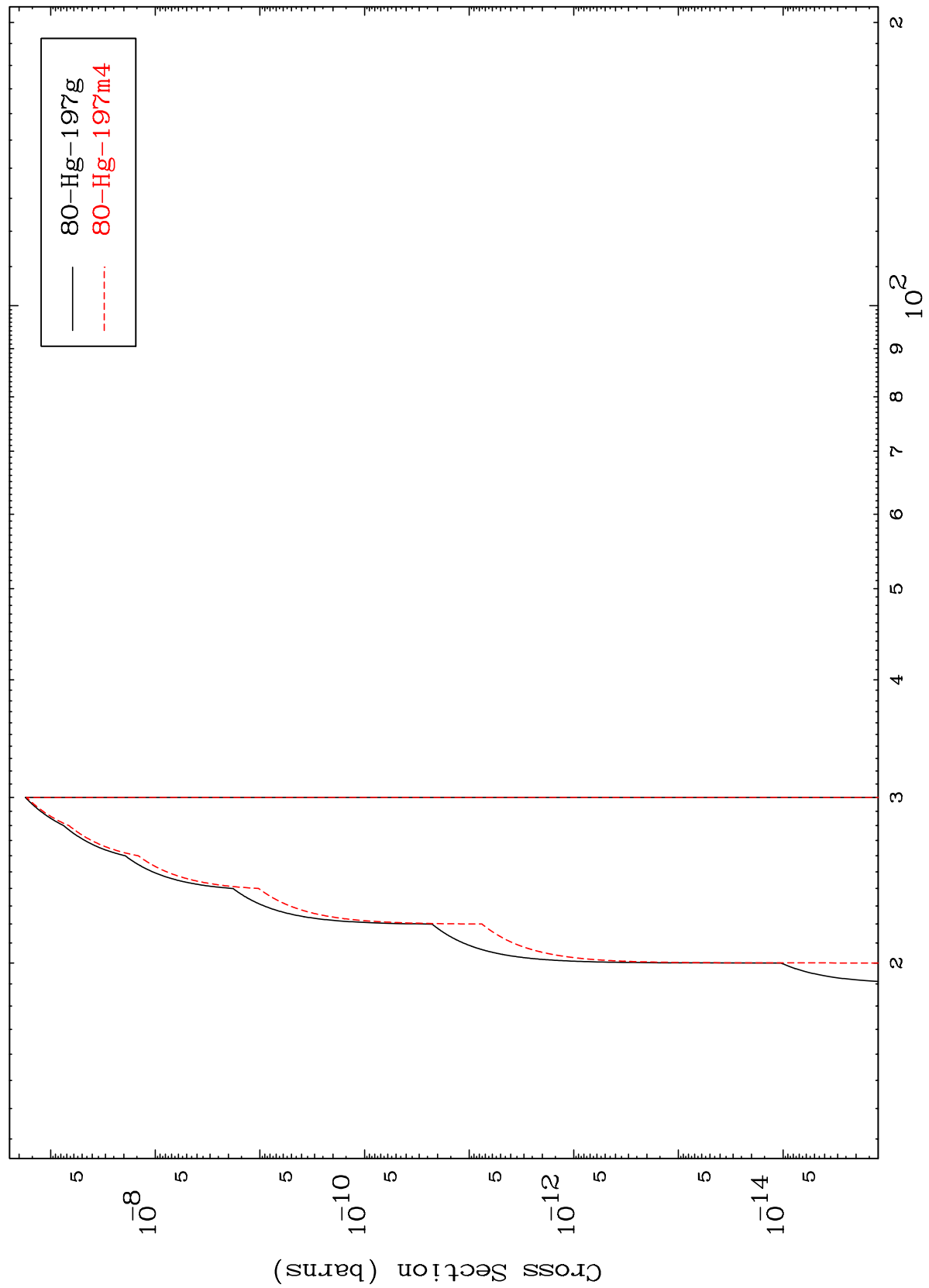
Incident Energy (MeV)

80-Hg-195

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80-Hg-195

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



22

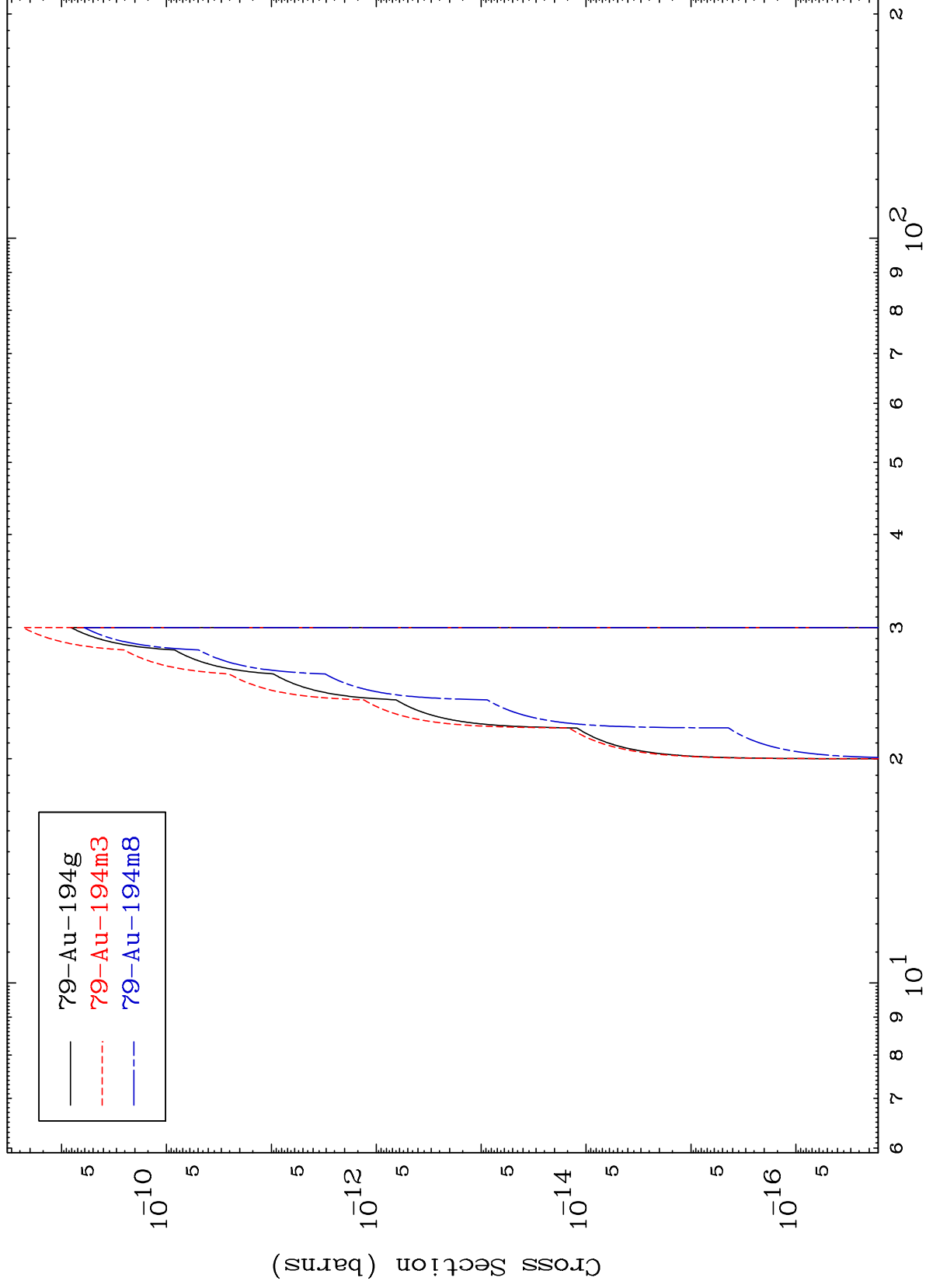
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

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



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Incident Energy (MeV)

80-Hg-195