

Program EVALPLOT
(Version 2018-1)

by

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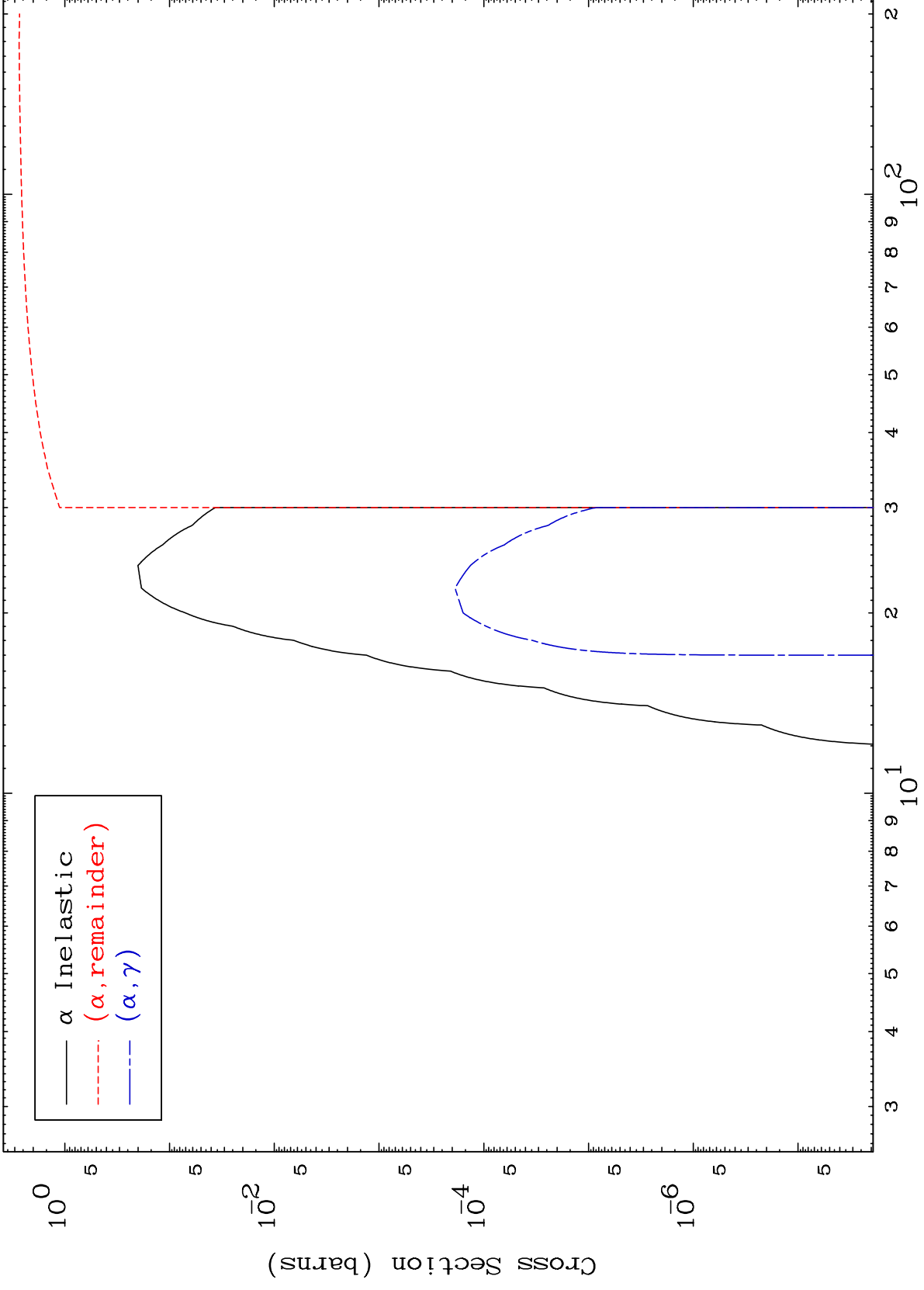
Press Mouse Button to Start

MAT 7913

α Major

79-Au-193

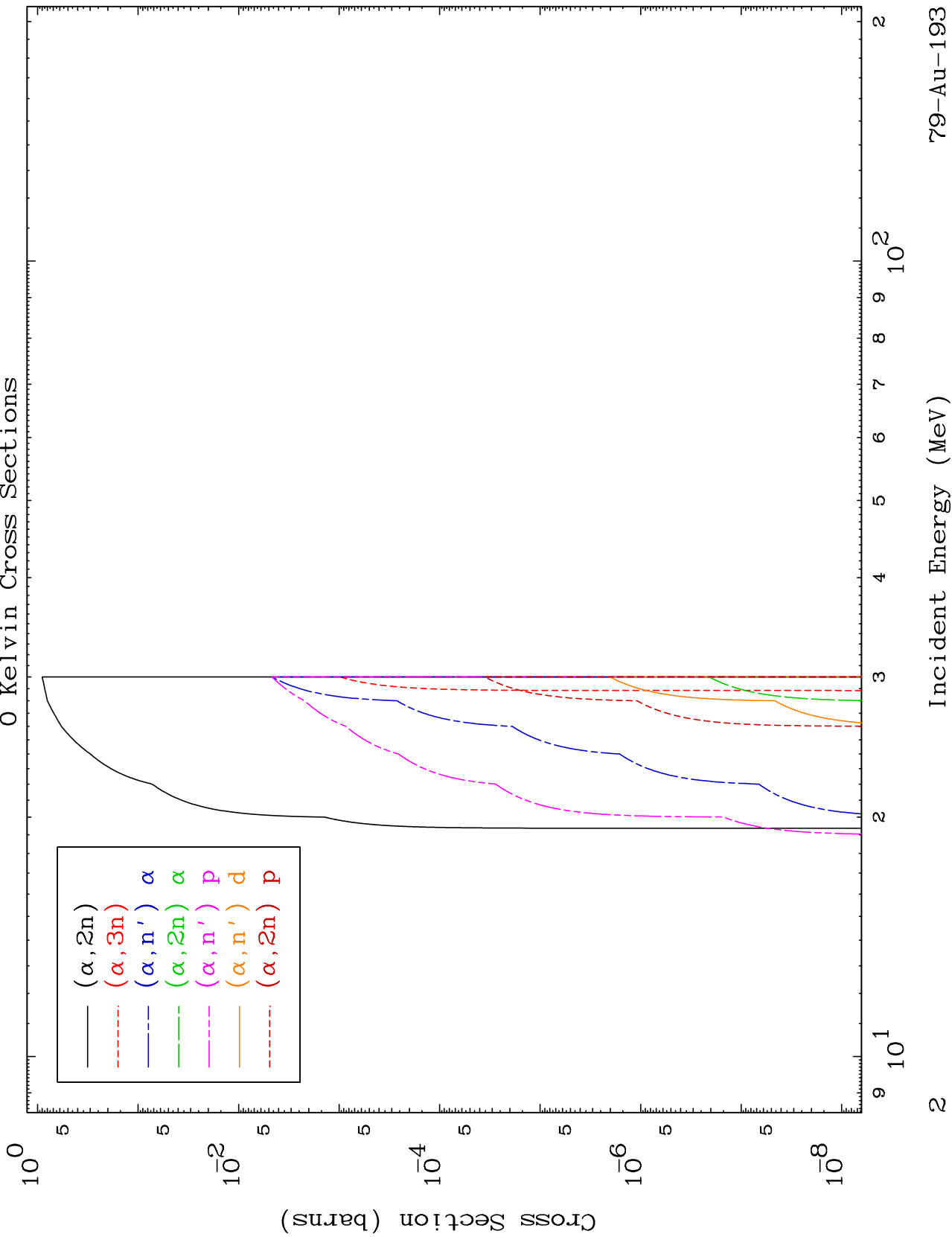
0 Kelvin Cross Sections



MAT 7913

α Neutron Production
0 Kelvin Cross Sections

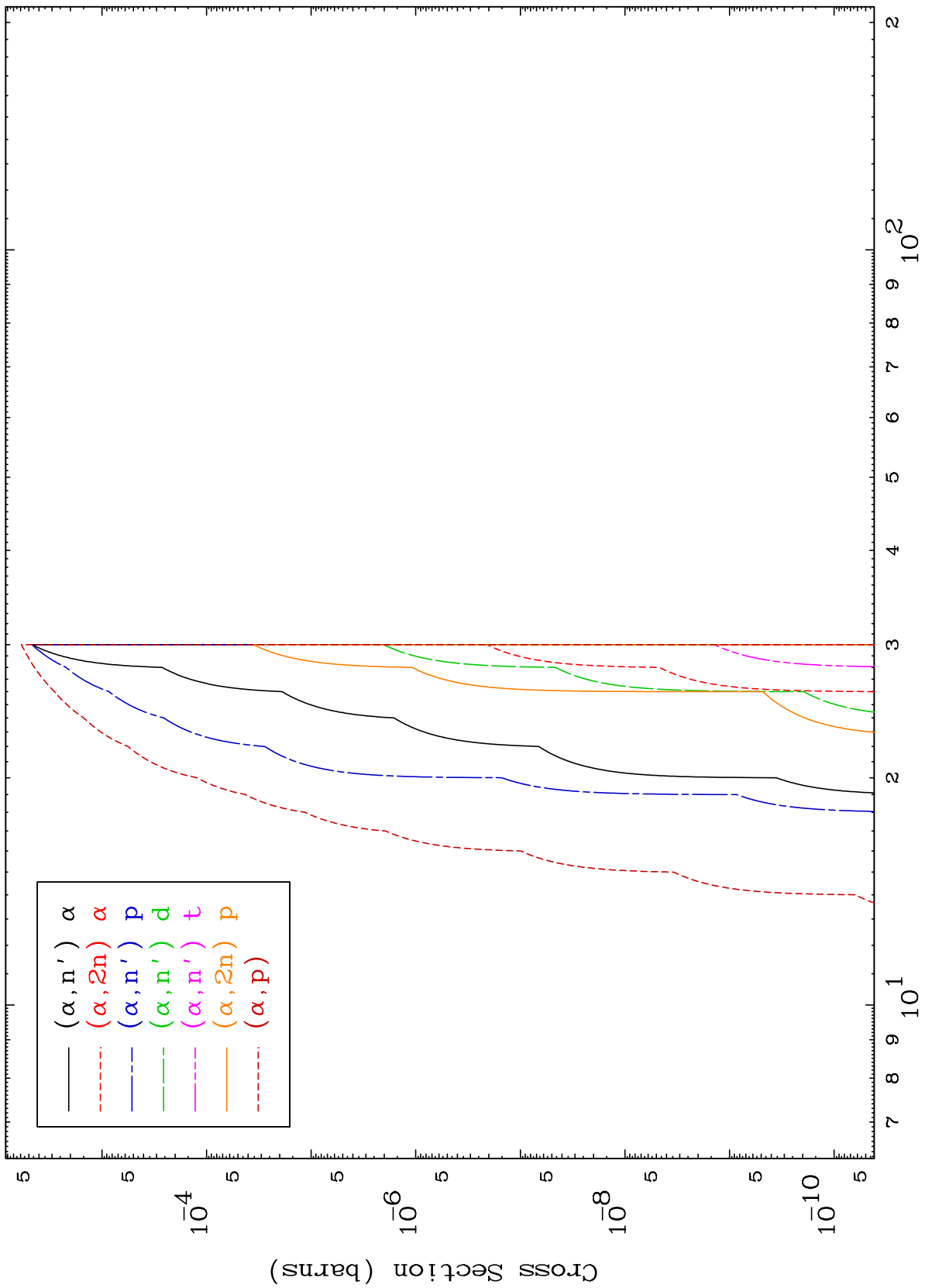
79-Au-193



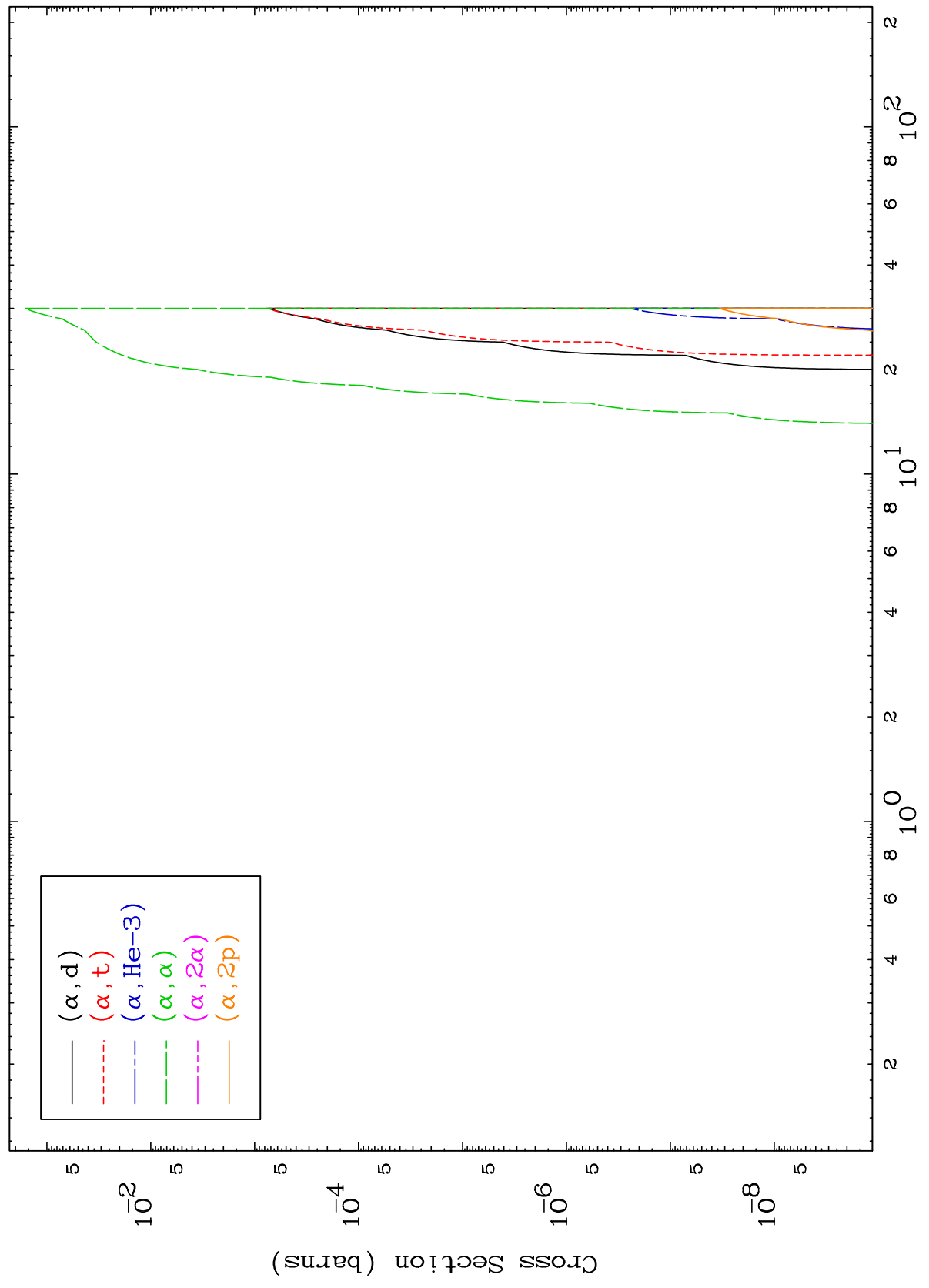
79-Au-193

Incident Energy (MeV)

2



0 Kelvin Cross Sections

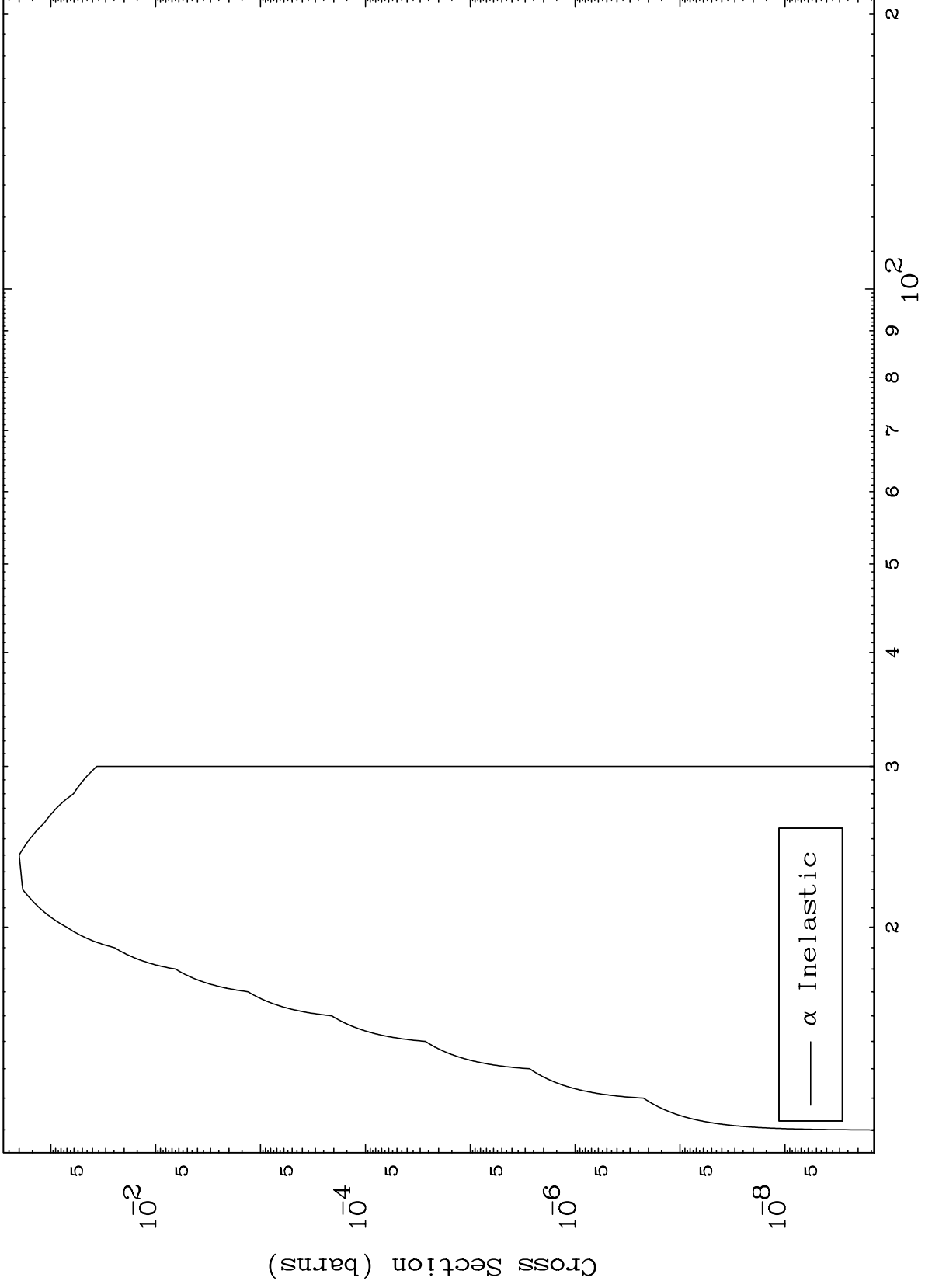


MAT 7913

(α, n') Level

79-Au-193

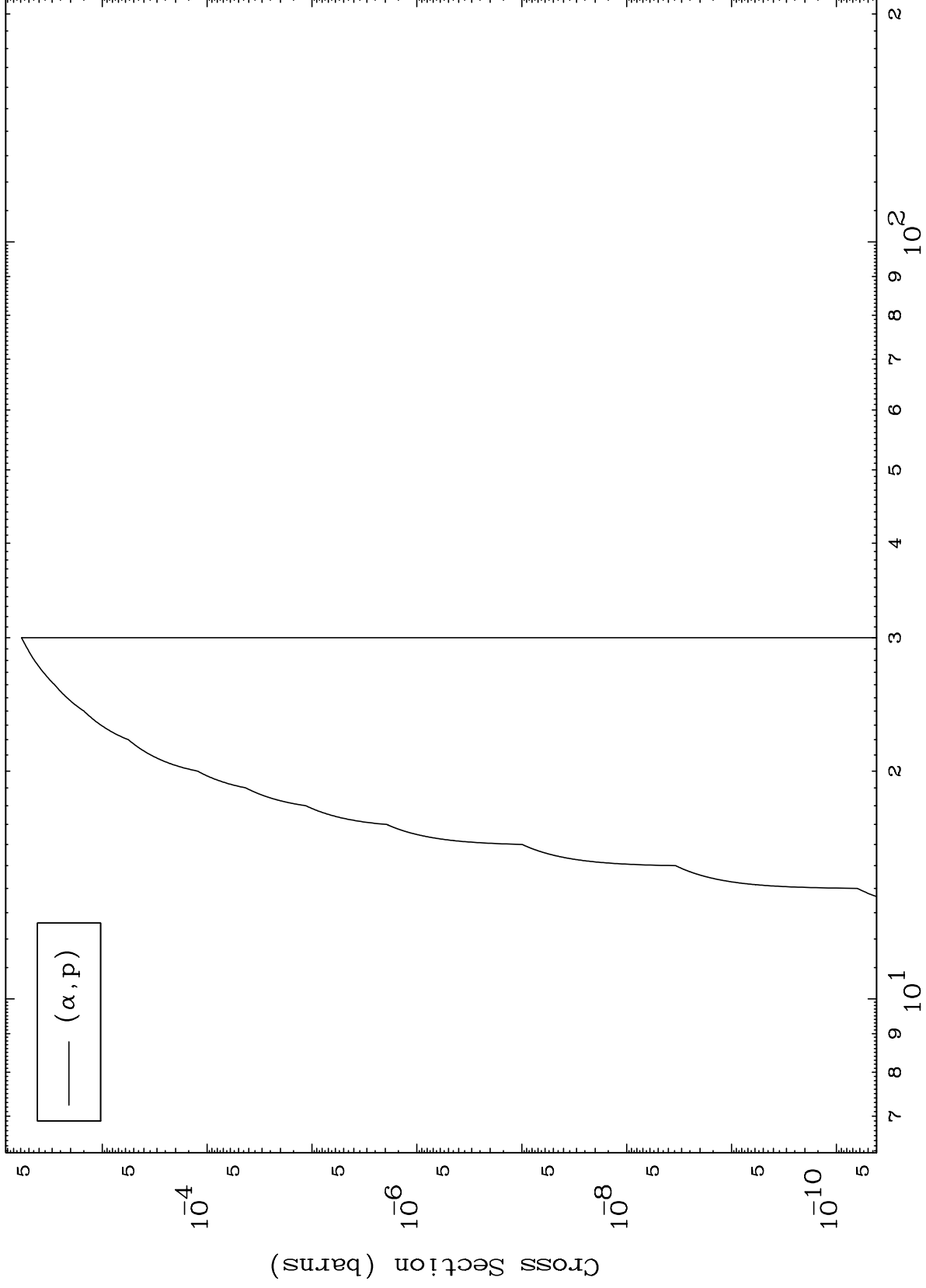
0 Kelvin Cross Sections

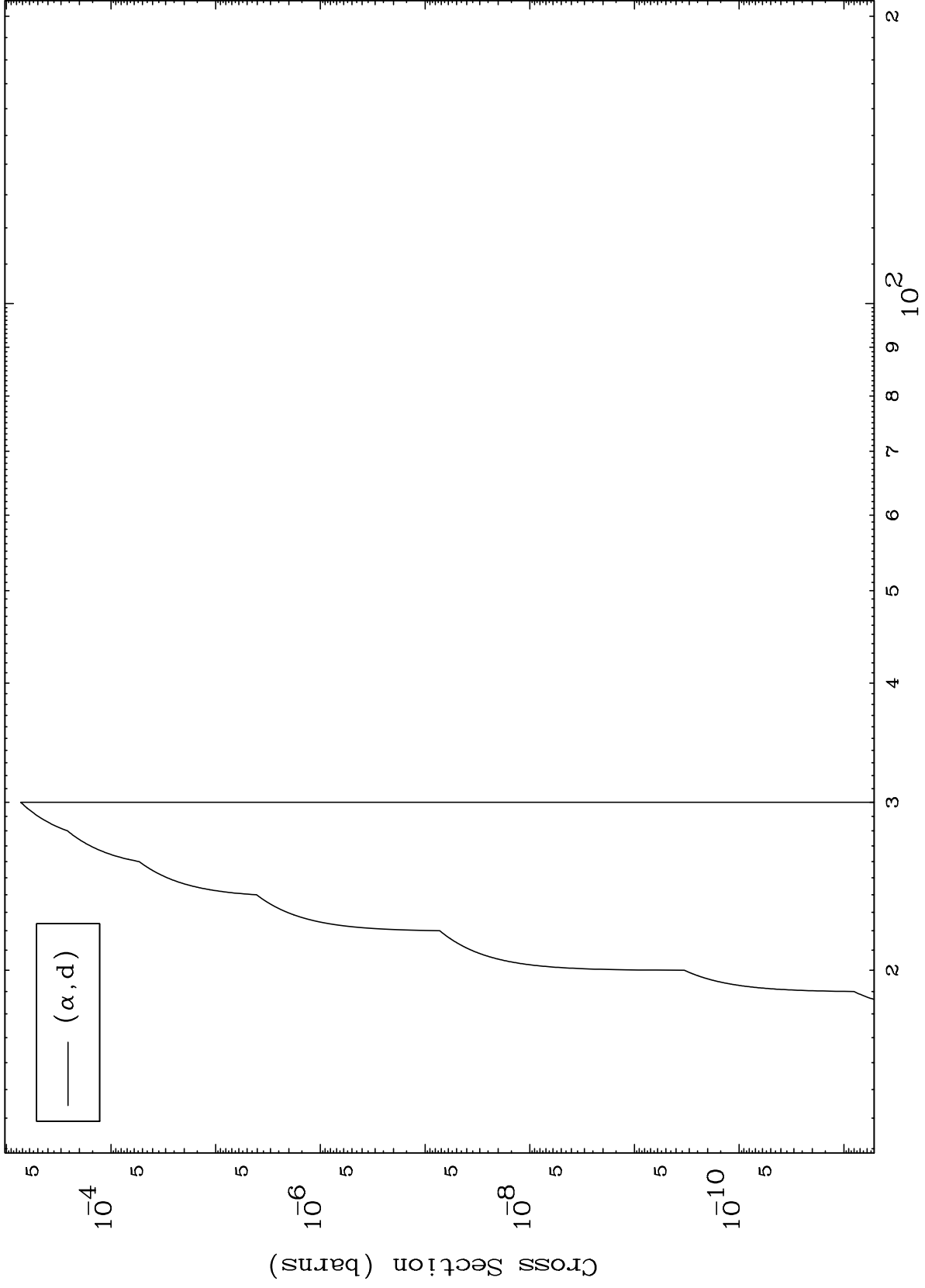


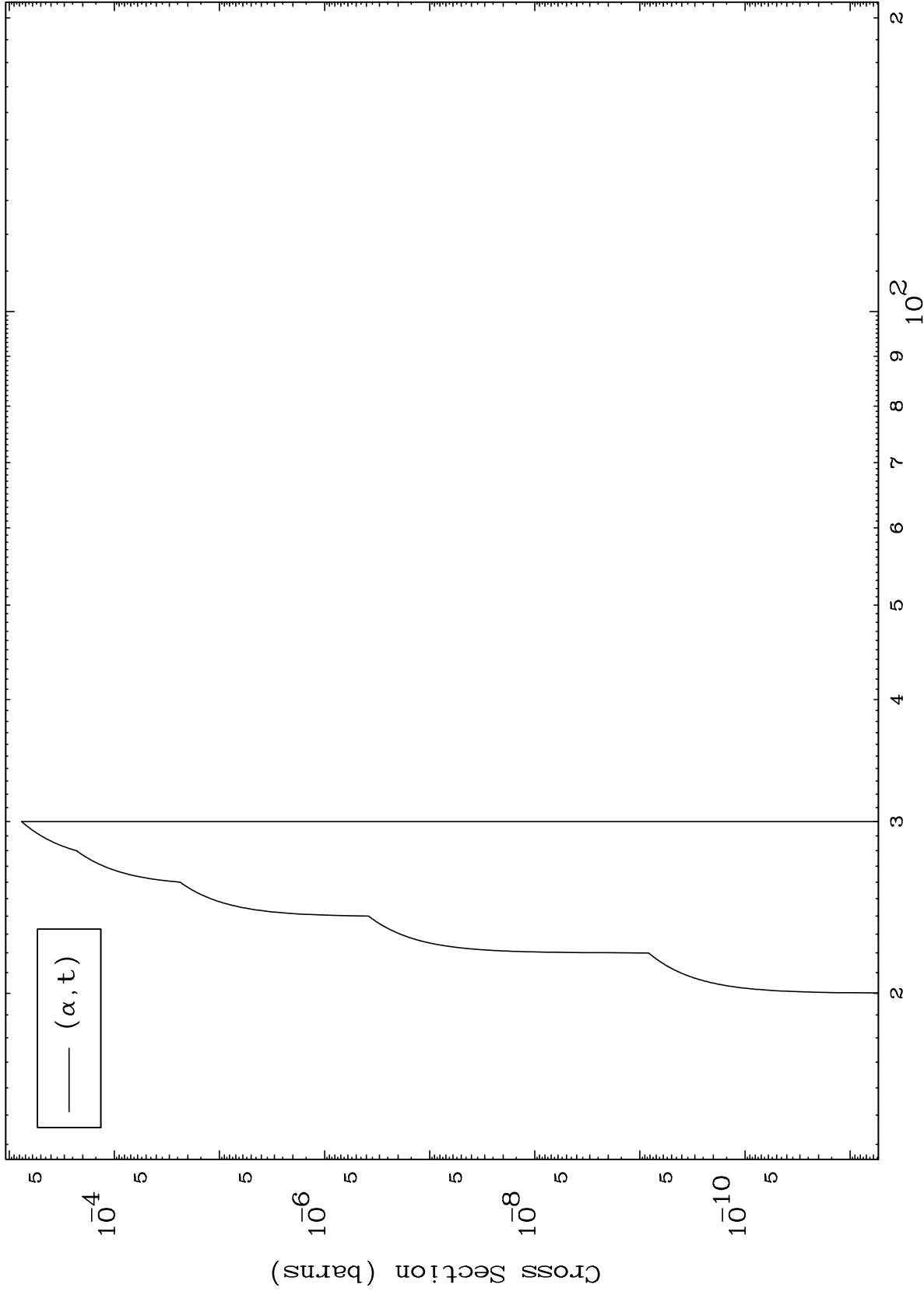
5

Incident Energy (MeV)

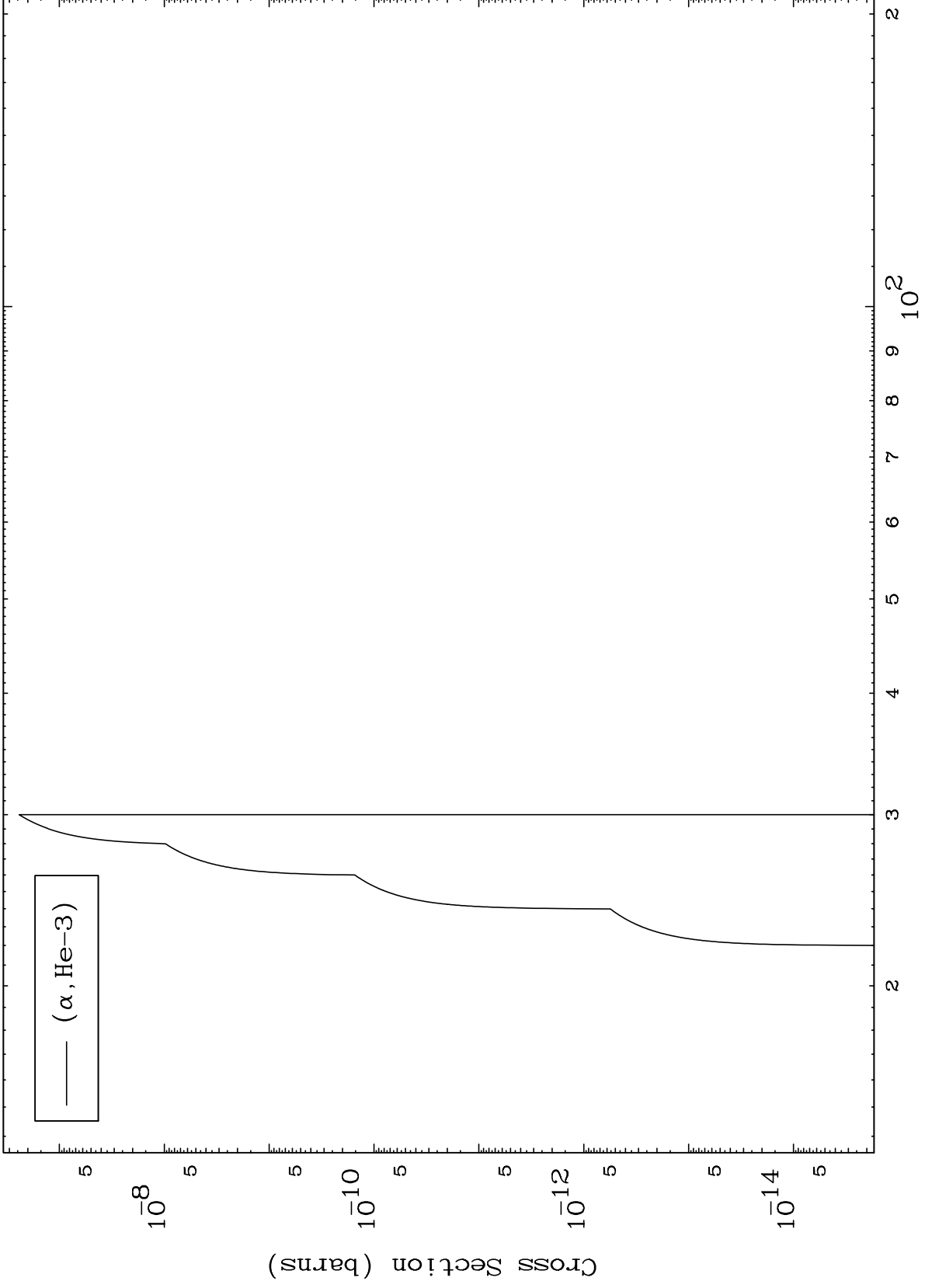
79-Au-193







0 Kelvin Cross Sections

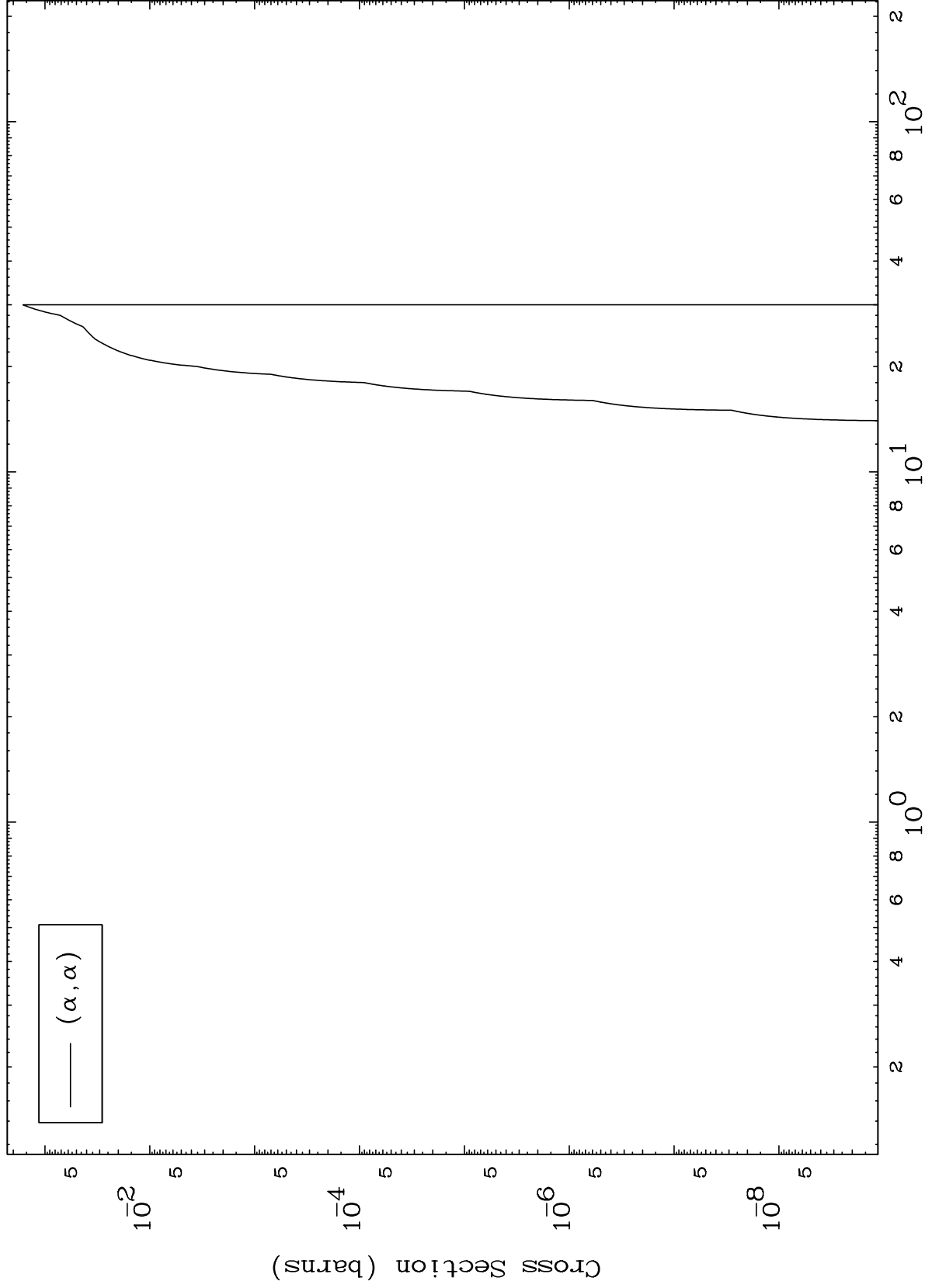


MAT 7913

(α, α) Levels

79-Au-193

0 Kelvin Cross Sections

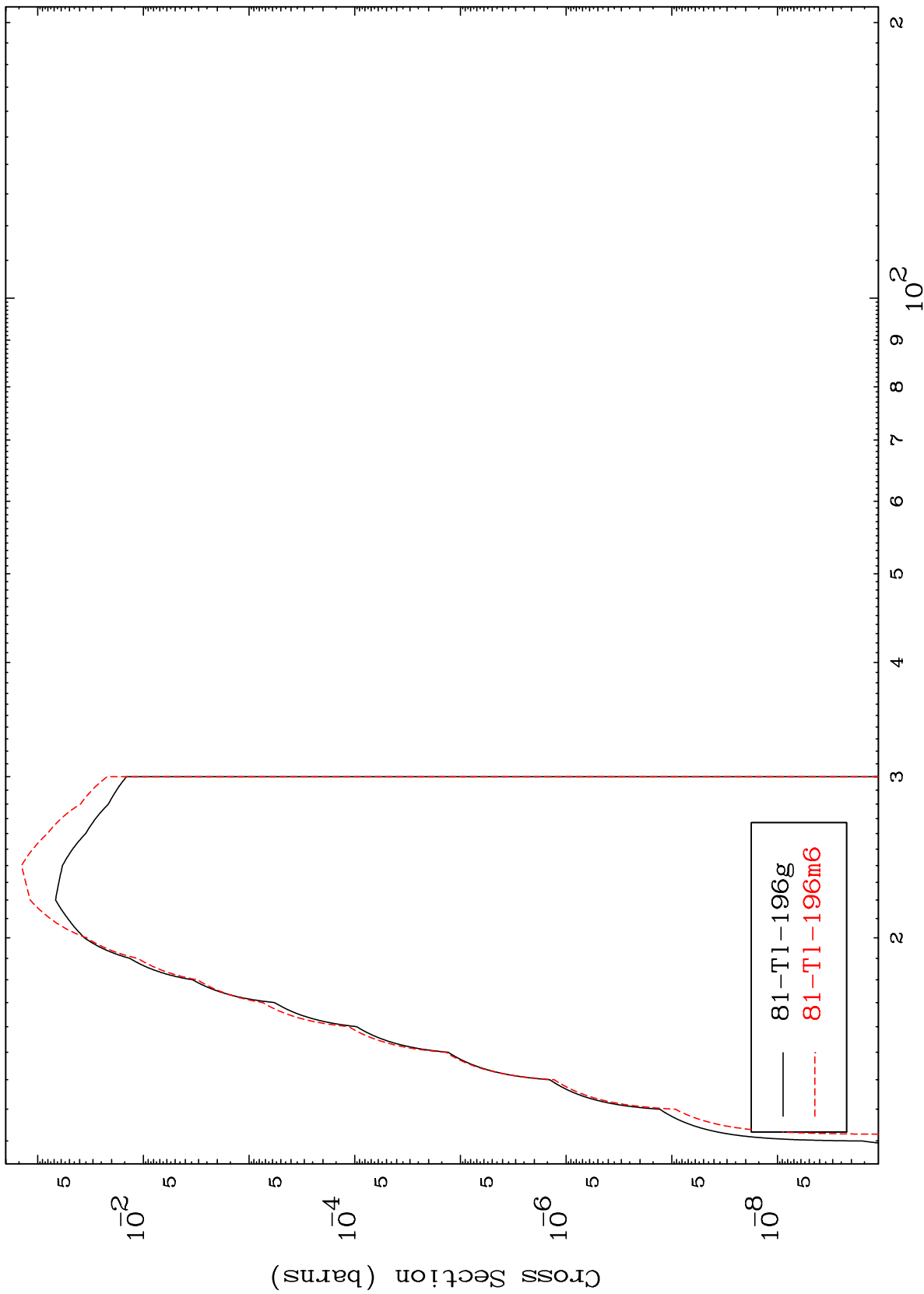


10

Incident Energy (MeV)

79-Au-193

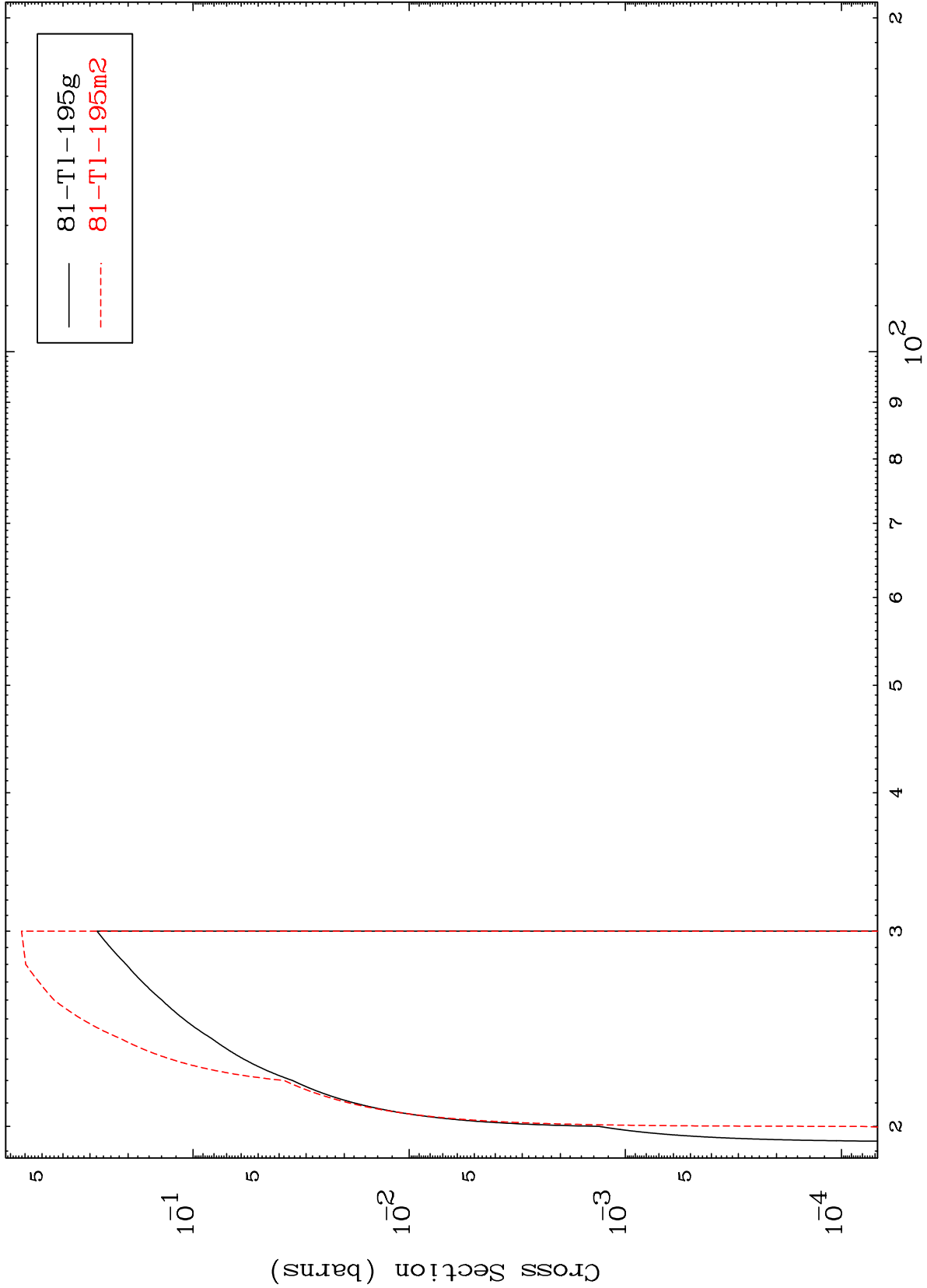
Radionuclide Production Cross Section
 α Inelastic



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79-Au-193

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



79-Au-193

Incident Energy (MeV)

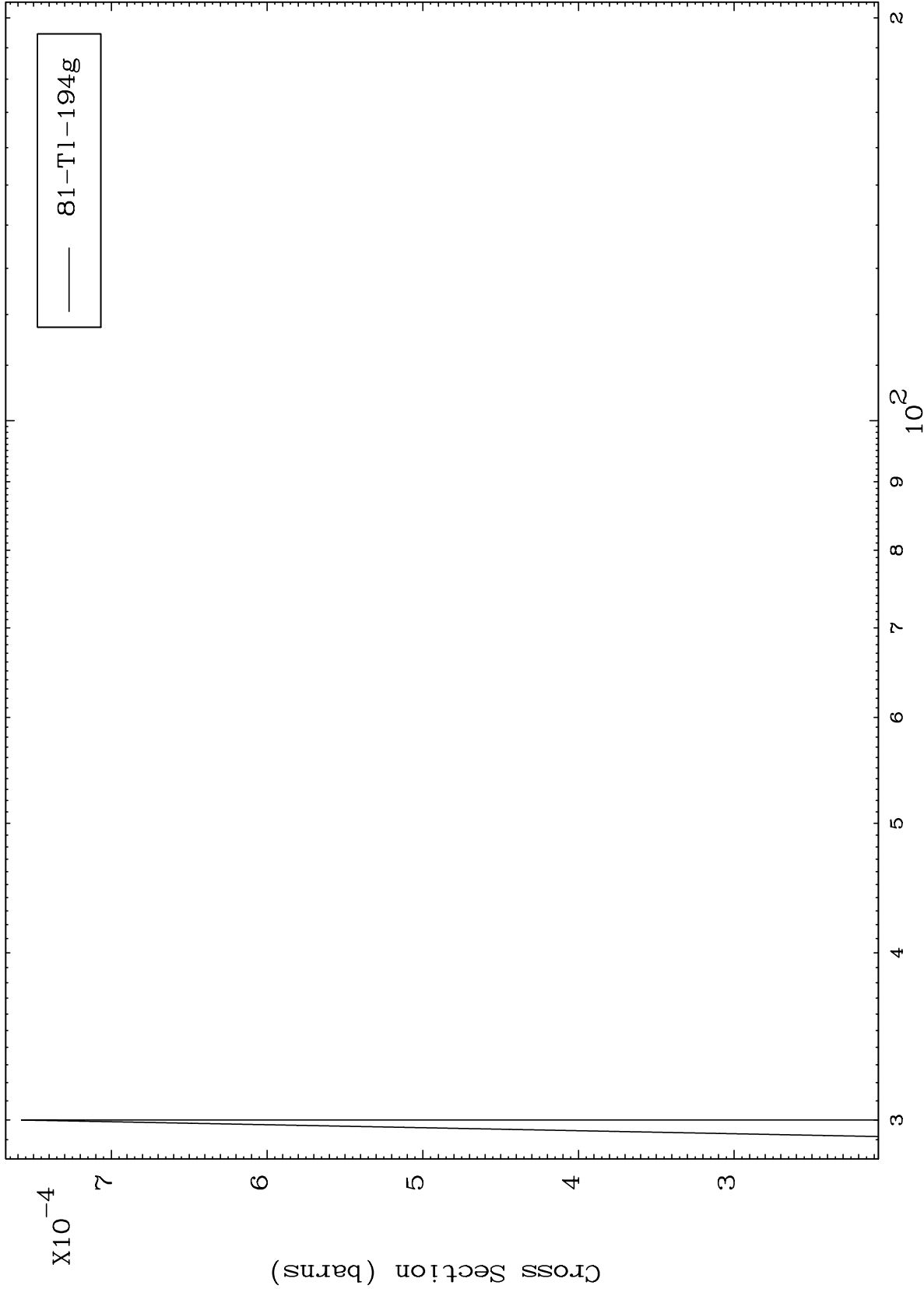
12

MAT 7913

($\alpha, 3n$)

79-Au-193

Radionuclide Production Cross Section



$\times 10^{-4}$

Cross Section (barns)

3

4

5

6

7

8

9

10^2

2

81-Tl-194g

13

Incident Energy (MeV)

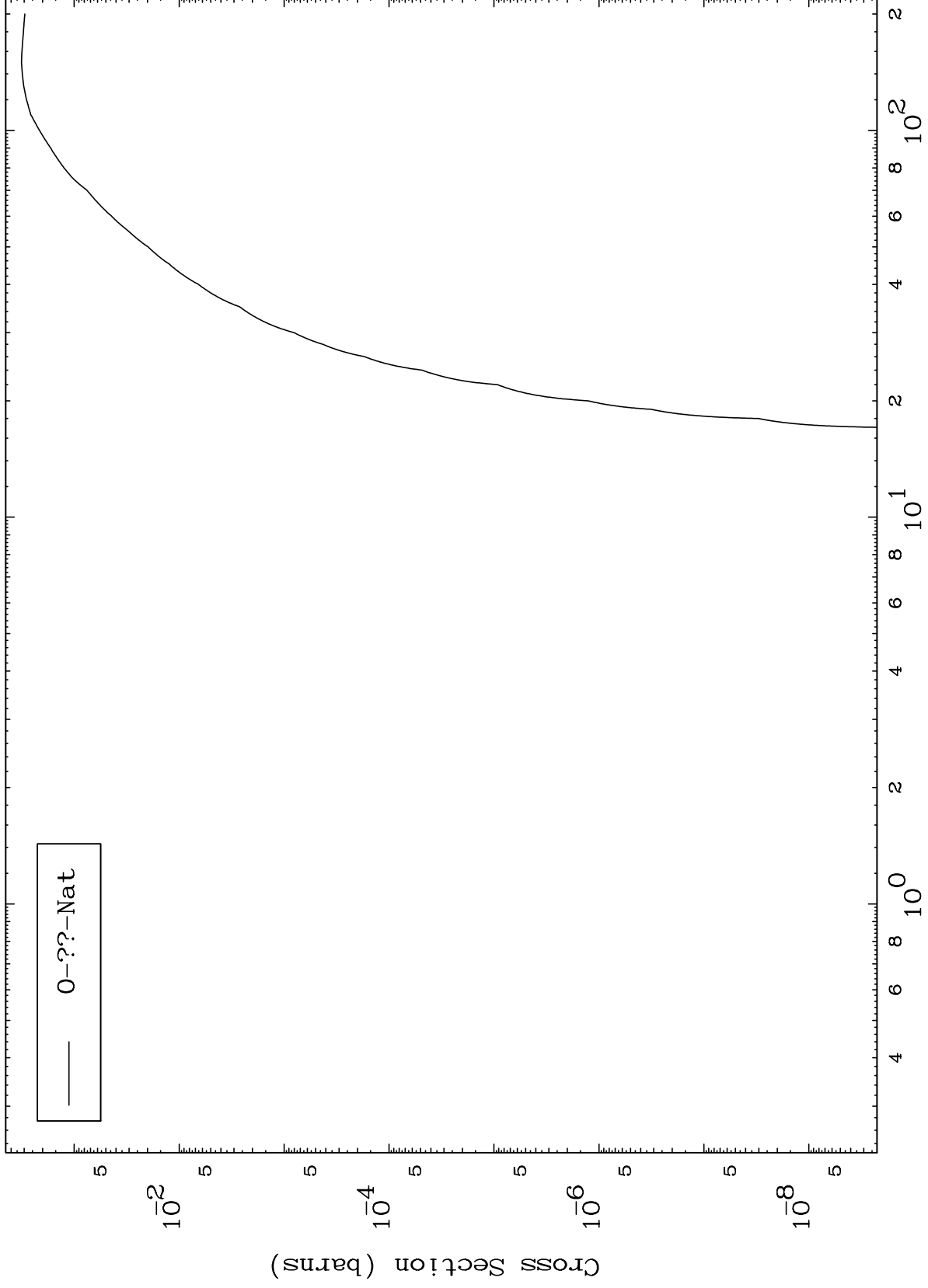
79-Au-193

MAT 7913

α Fission

79-Au-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

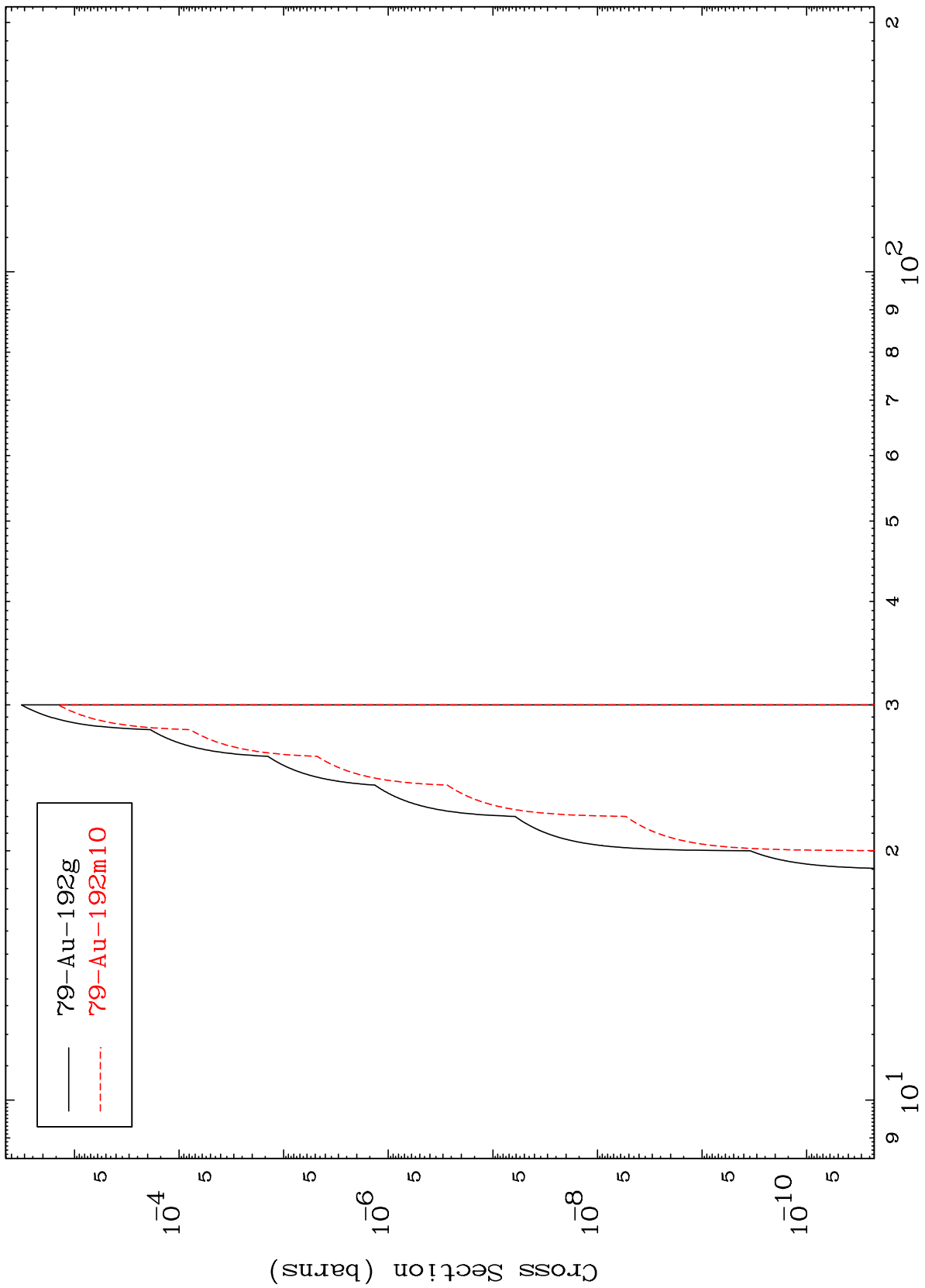
79-Au-193

MAT 7913

(α, n') α

79-Au-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

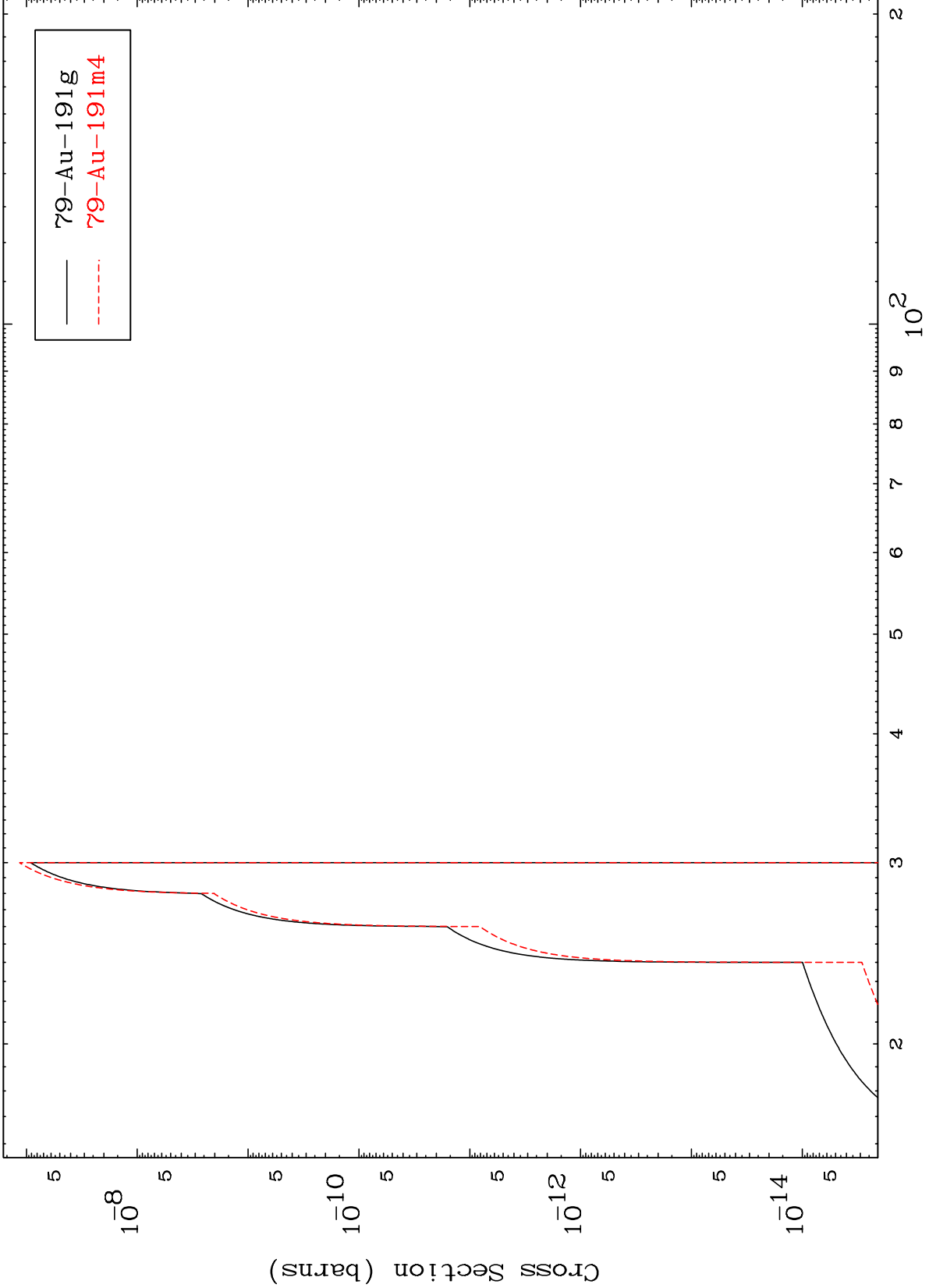
79-Au-193

MAT 7913

$(\alpha, 2n) \alpha$

79-Au-193

Radionuclide Production Cross Section

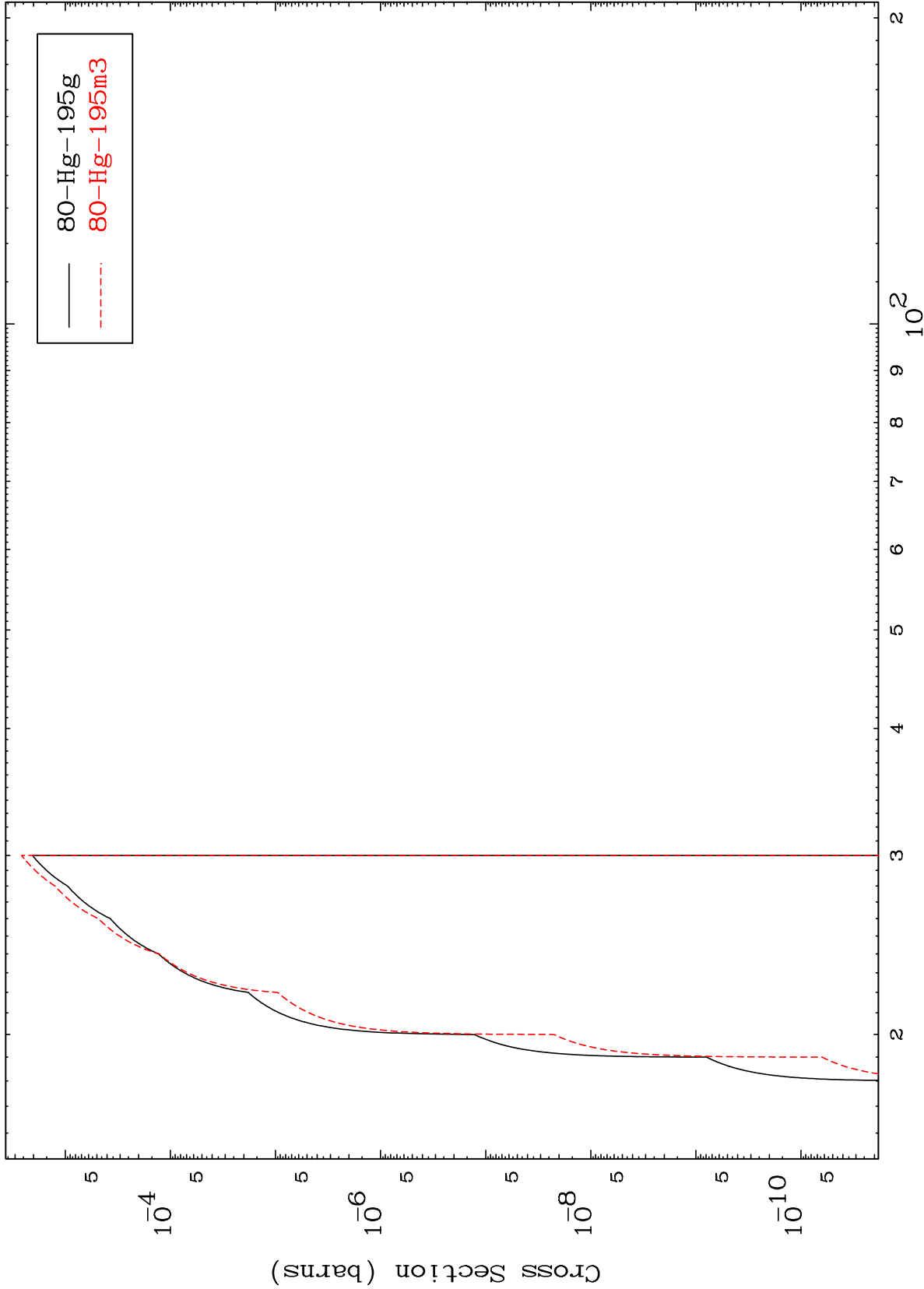


16

Incident Energy (MeV)

79-Au-193

(α, n') p
Radionuclide Production Cross Section

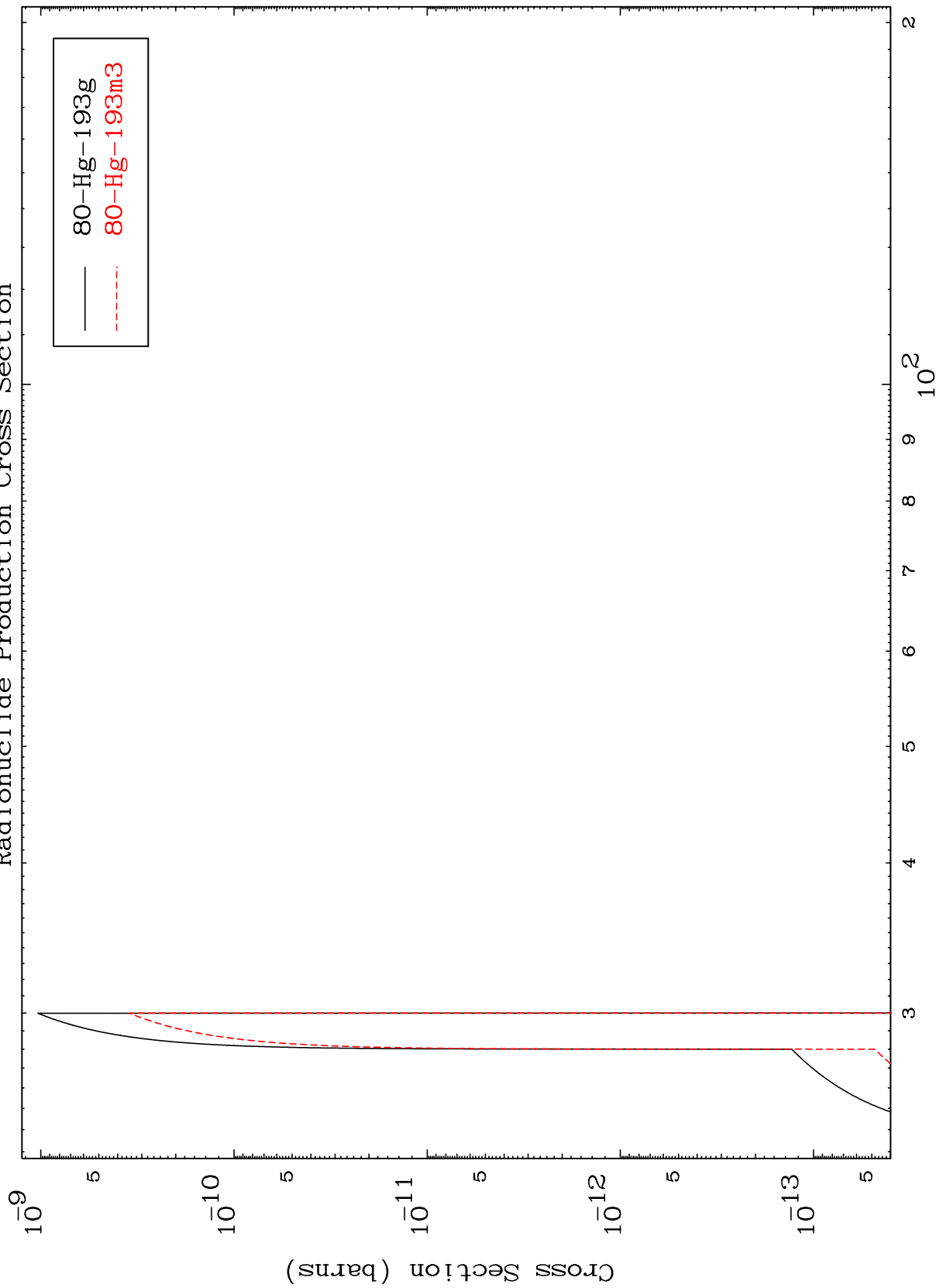


MAT 7913

(α, n') t

79-Au-193

Radionuclide Production Cross Section

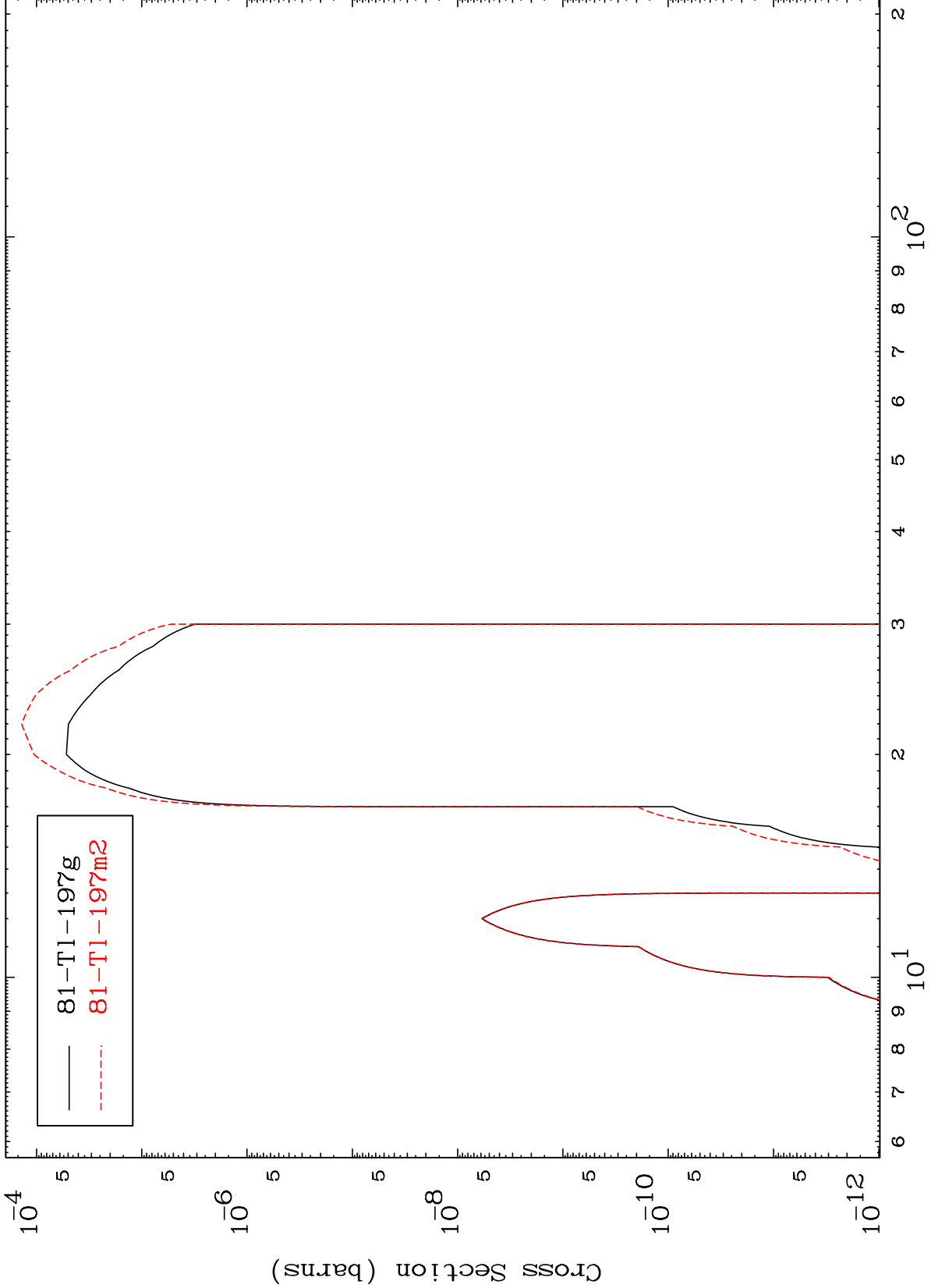


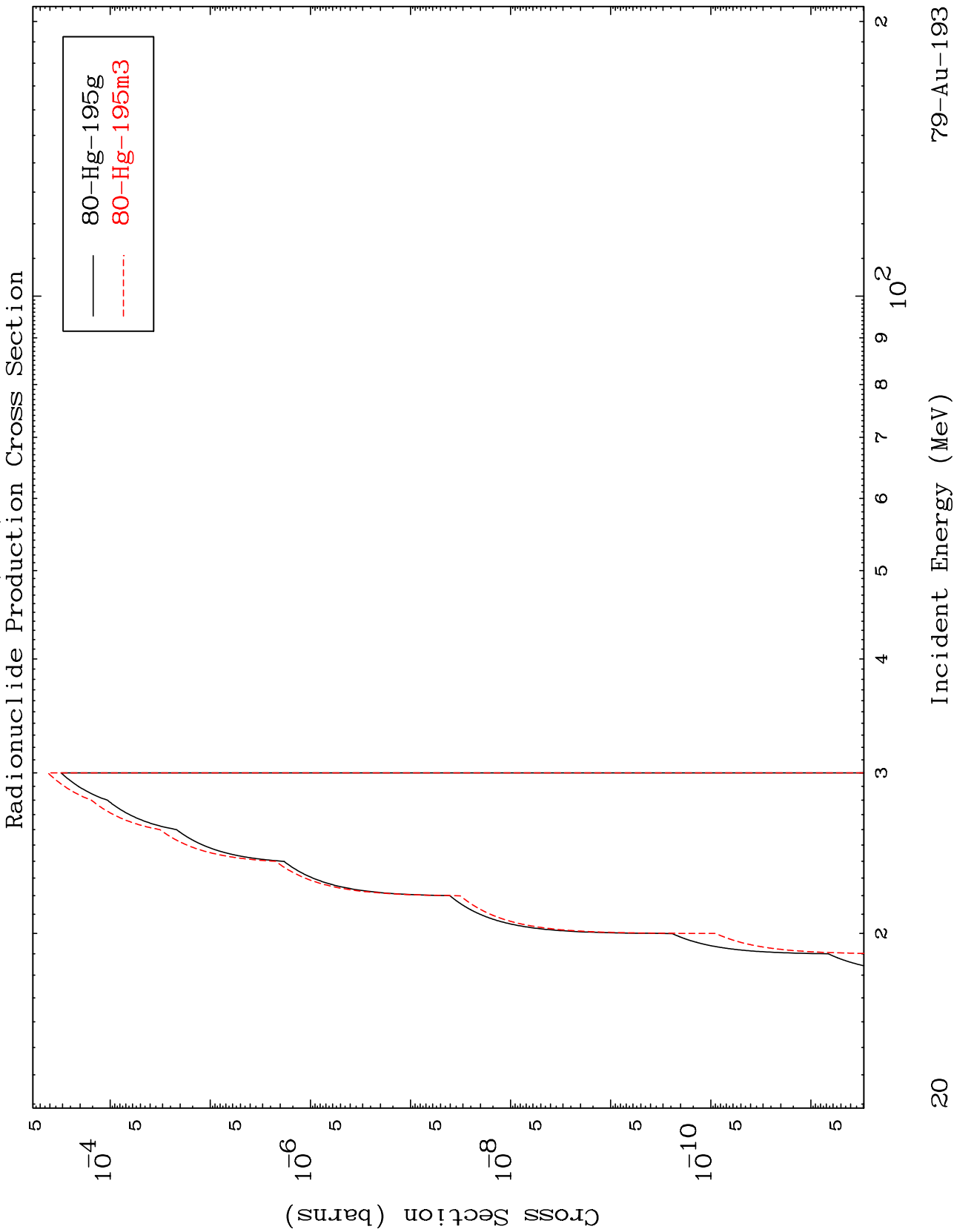
18

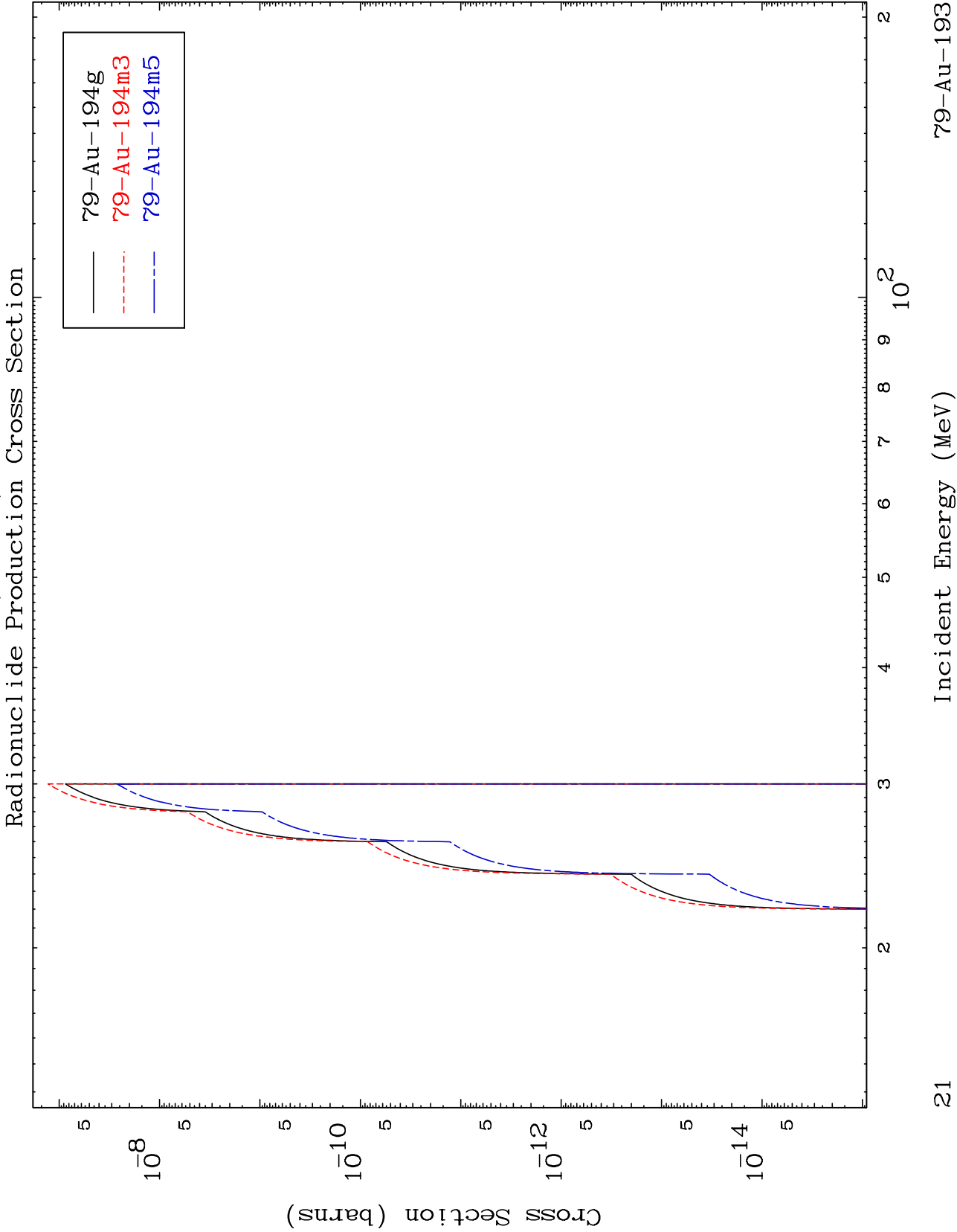
Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section
(α, γ)





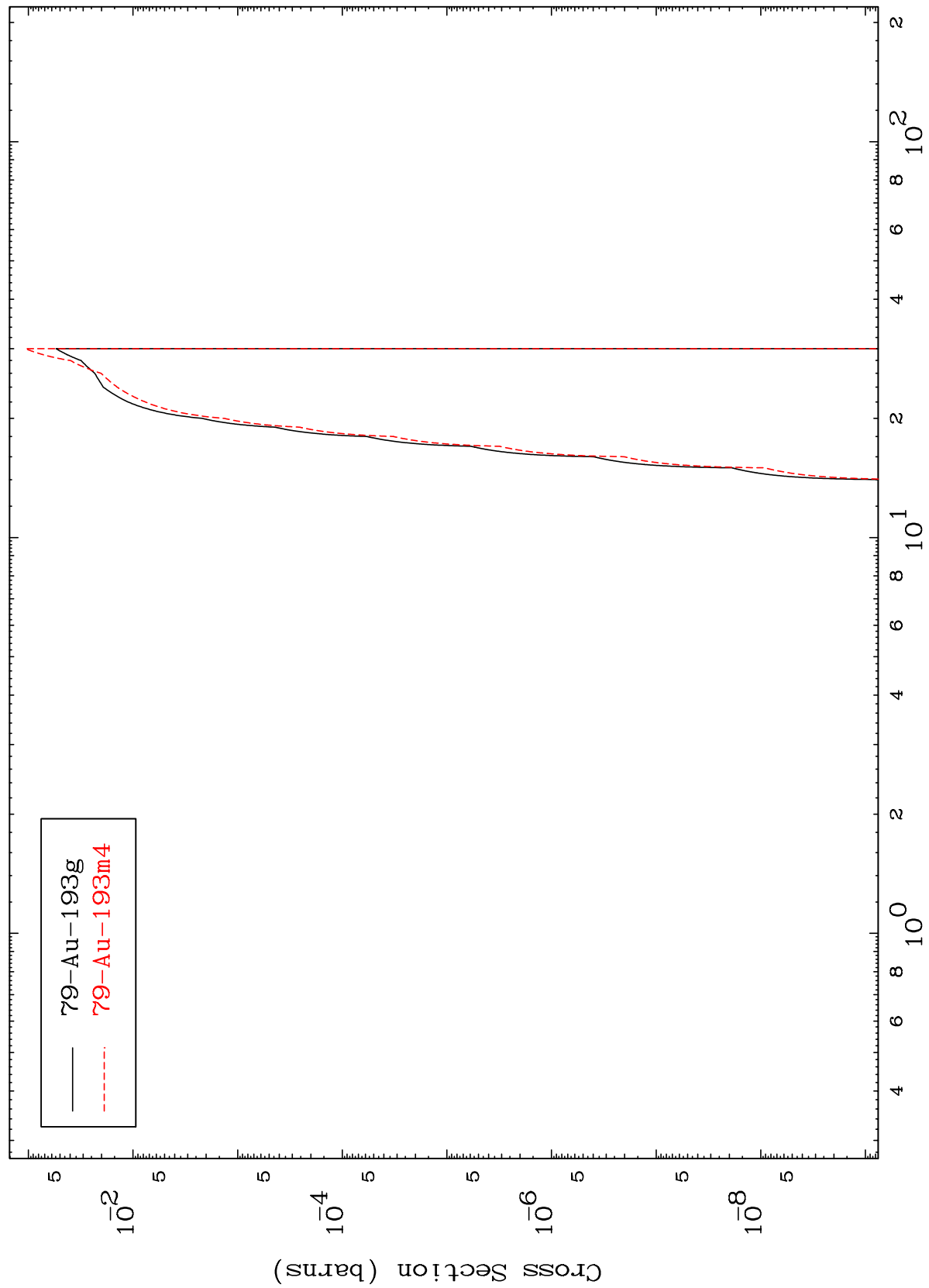


MAT 7913

(α, α)

79-Au-193

Radionuclide Production Cross Section



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

