

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

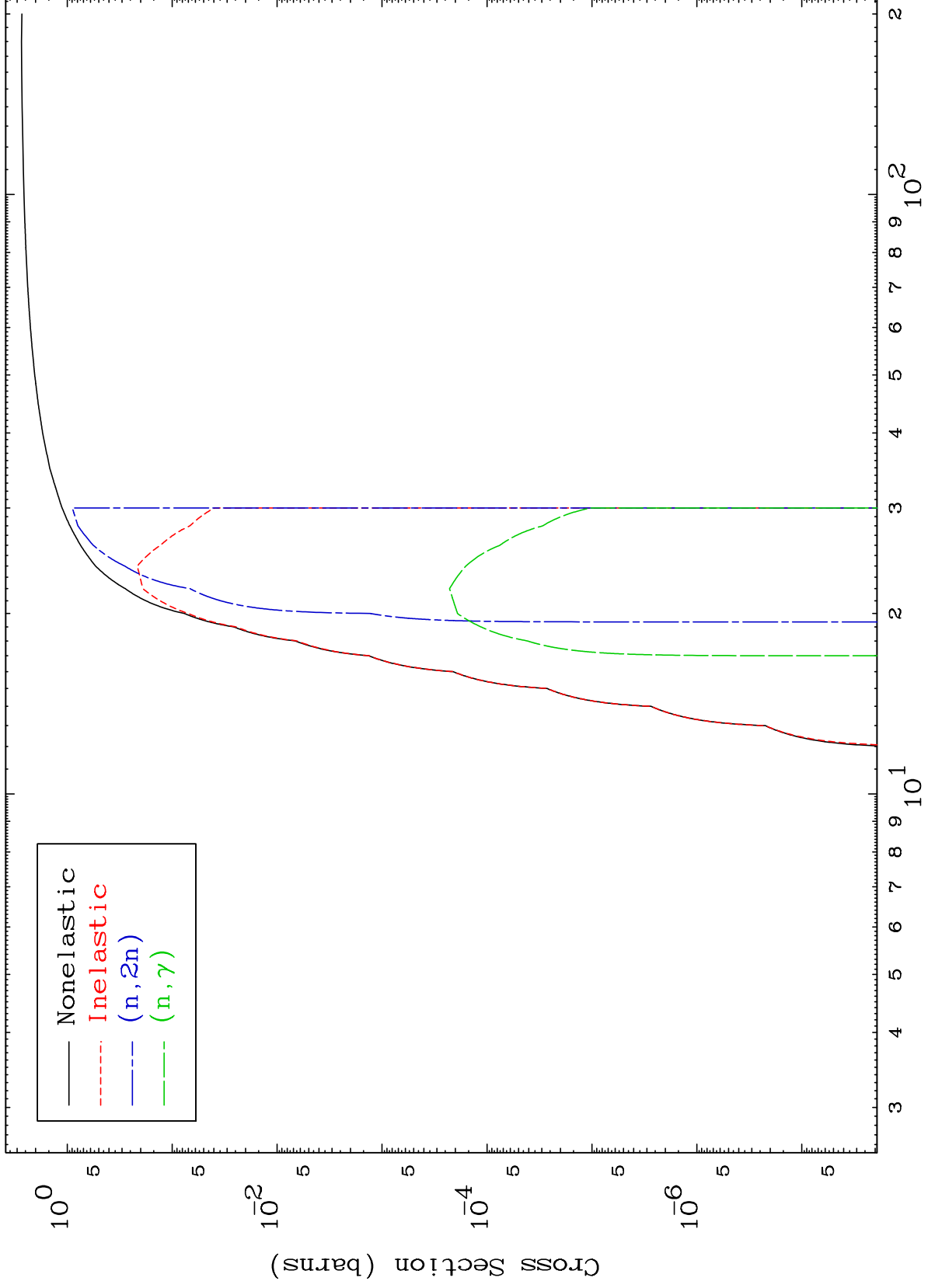
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

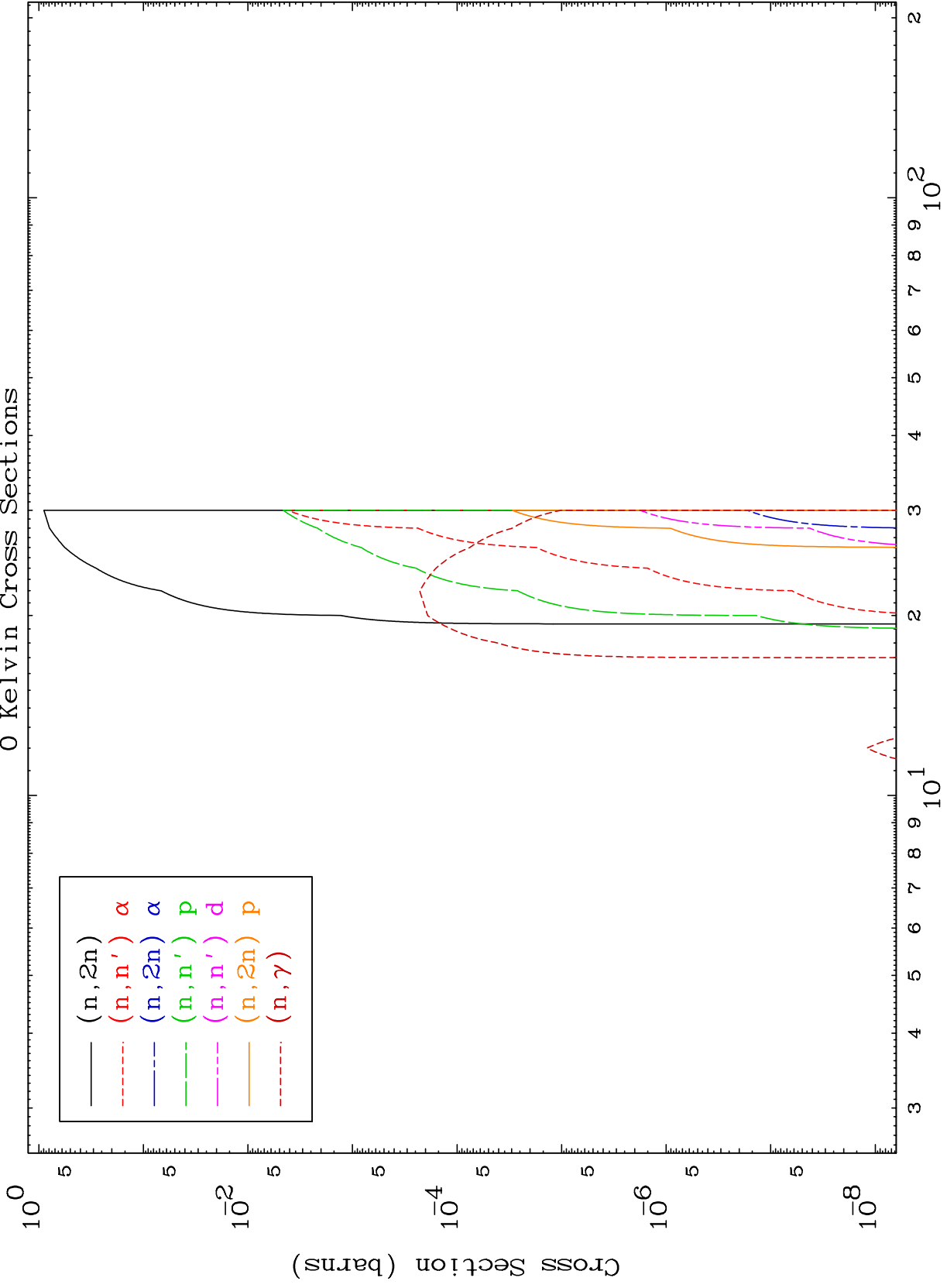
Tele: 925-443-1911

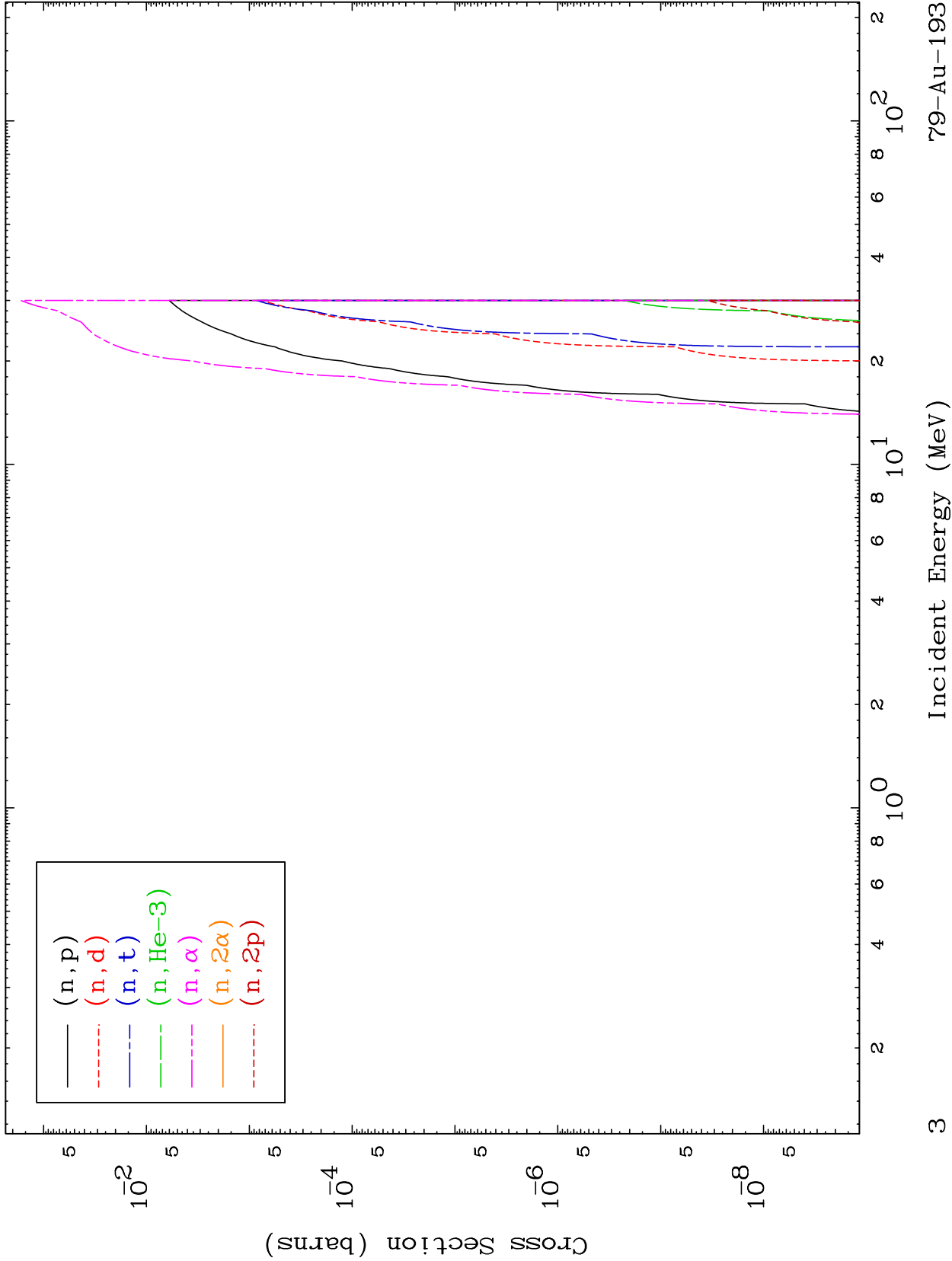
E.Mail:redcullen1@comcast.net

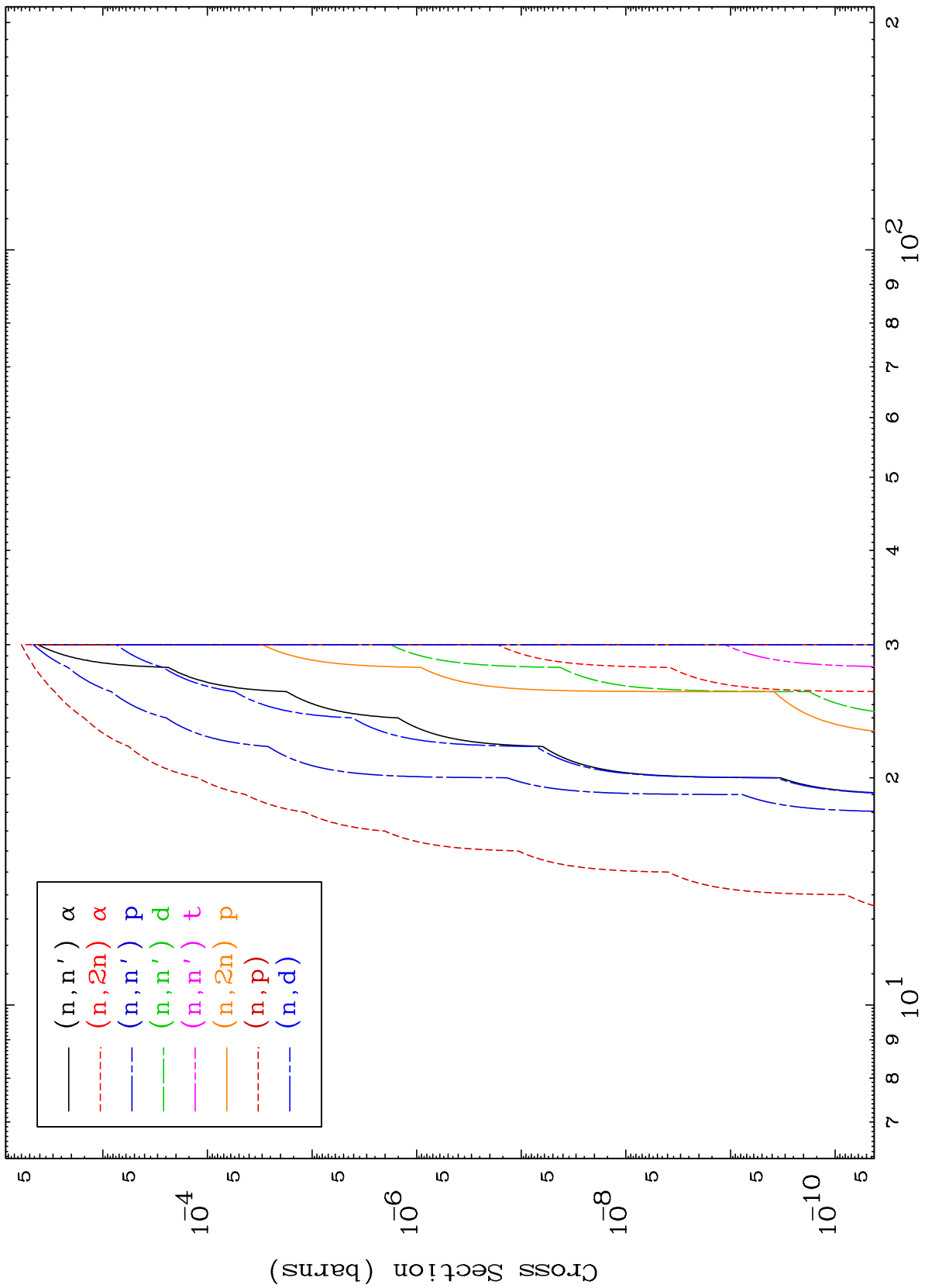
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Press Mouse Button to Start

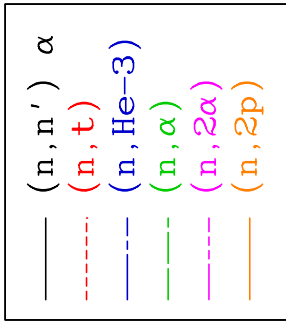
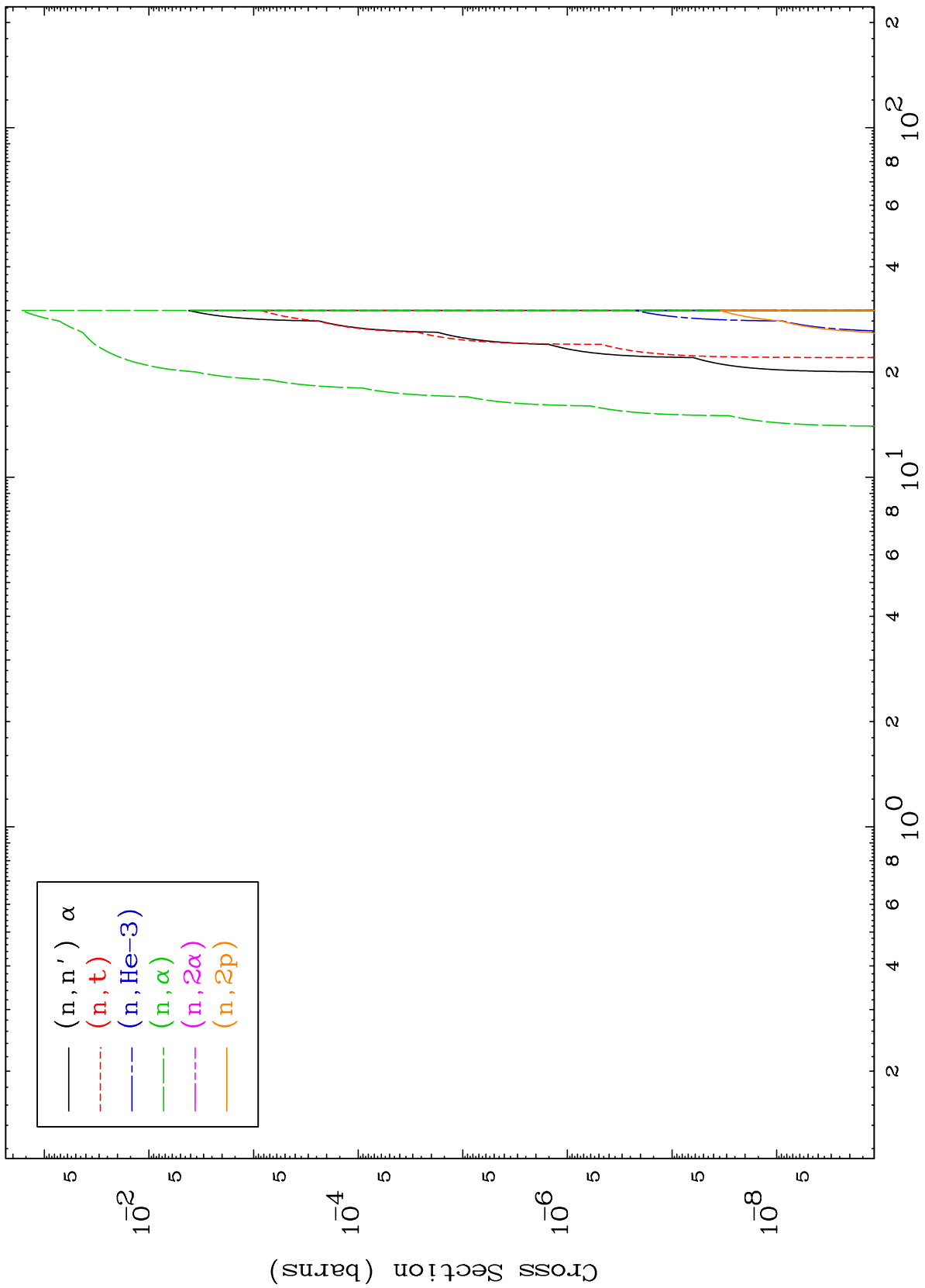








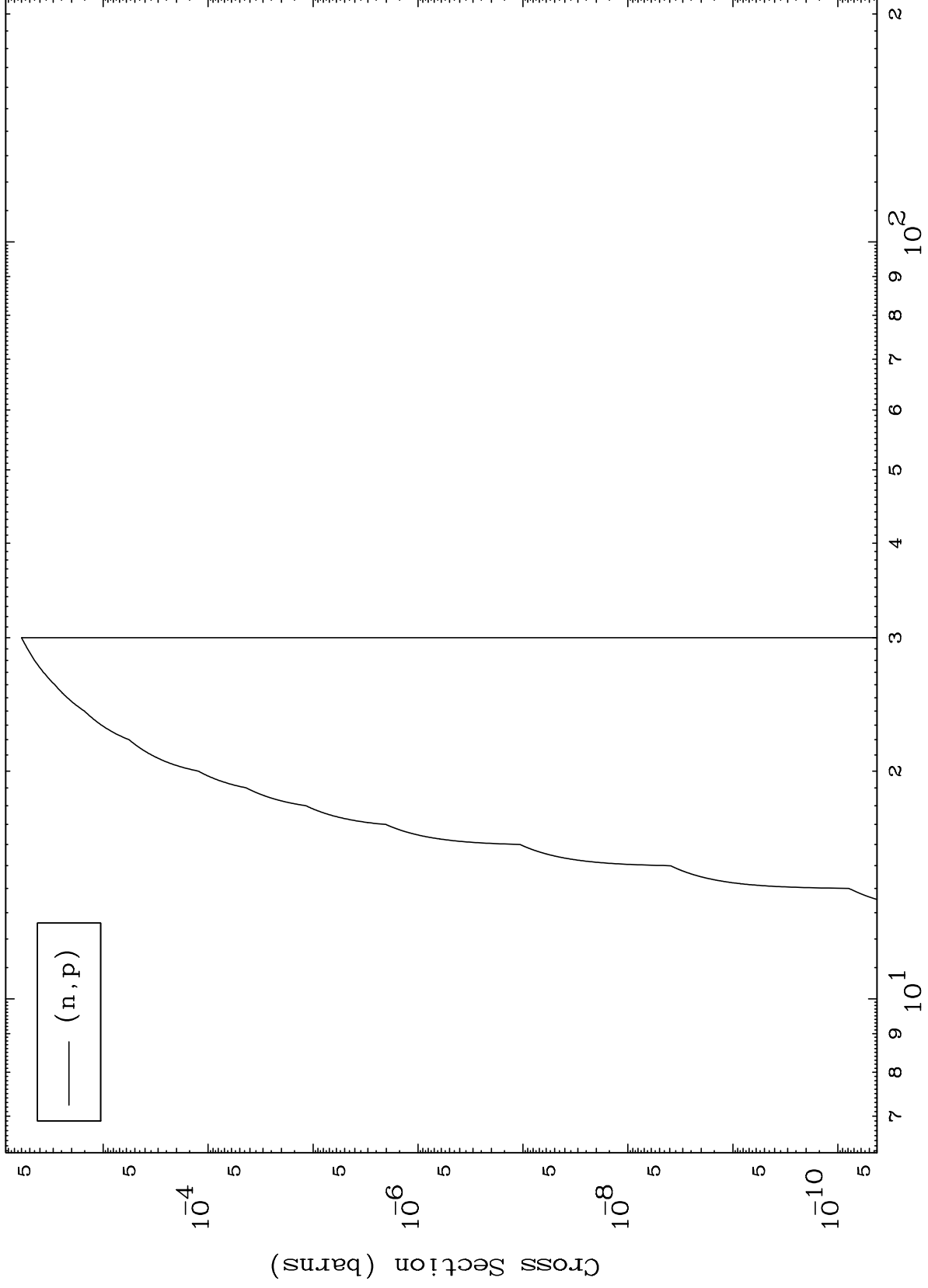
0 Kelvin Cross Sections



MAT 7913

(α, p) Levels
0 Kelvin Cross Sections

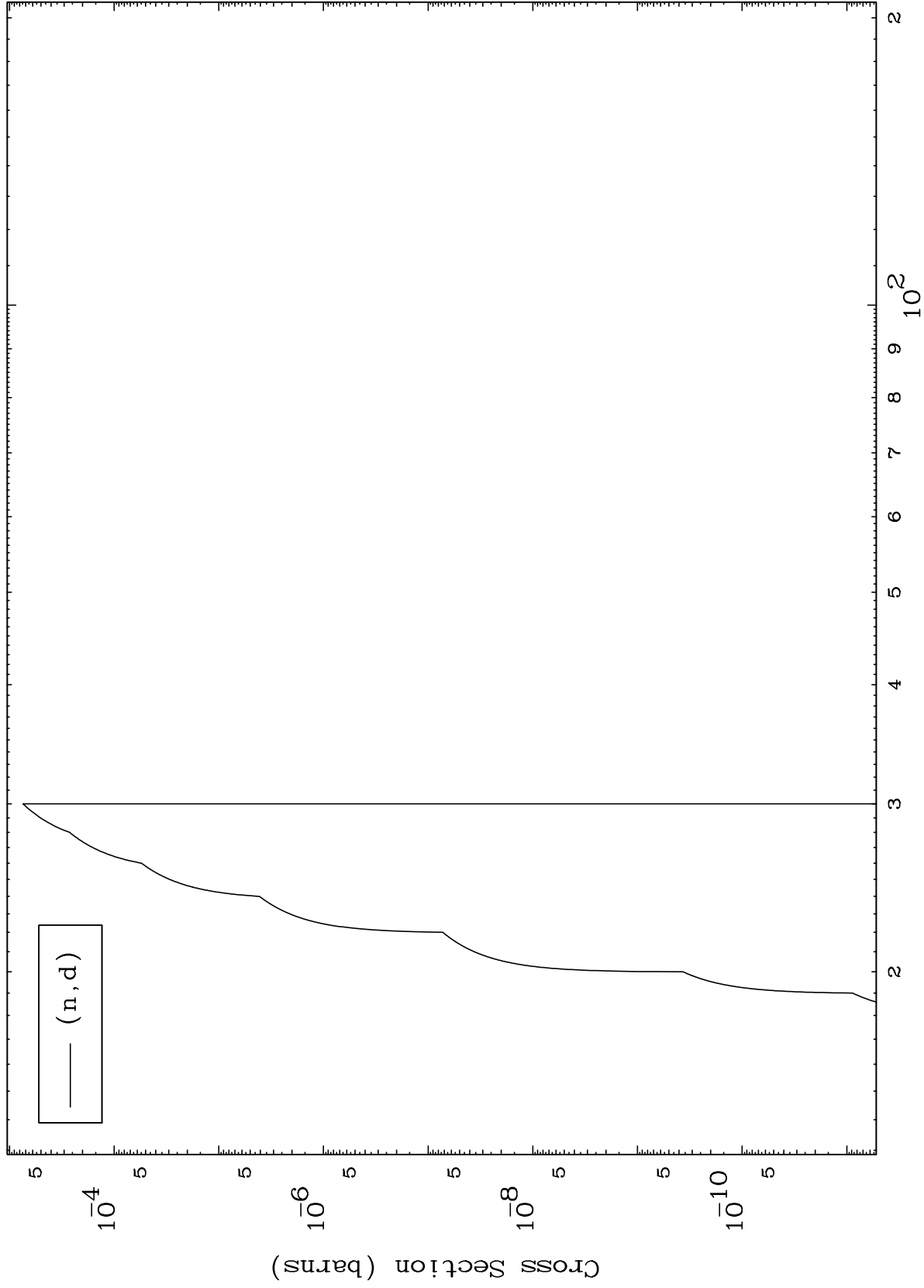
79-Au-193

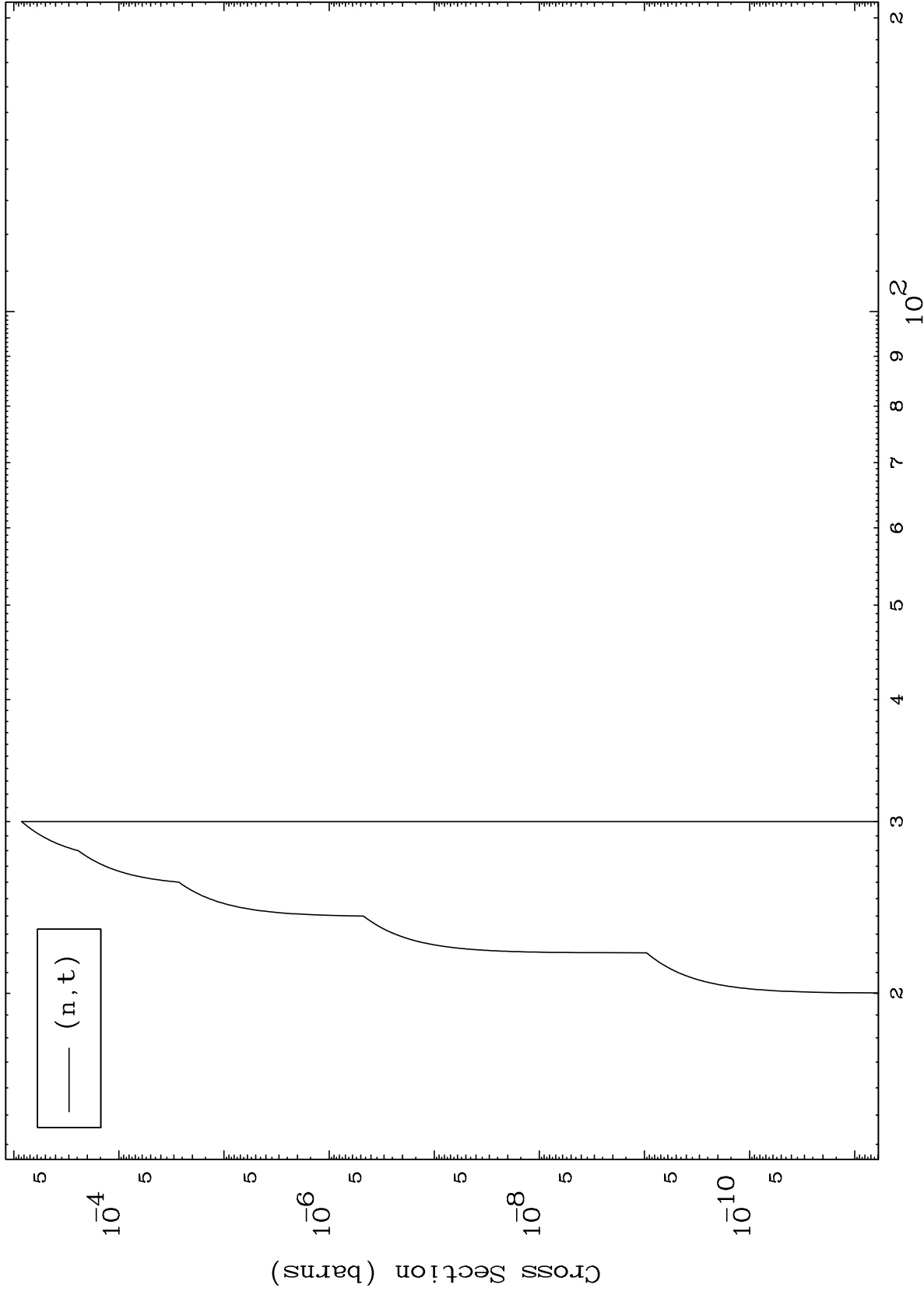


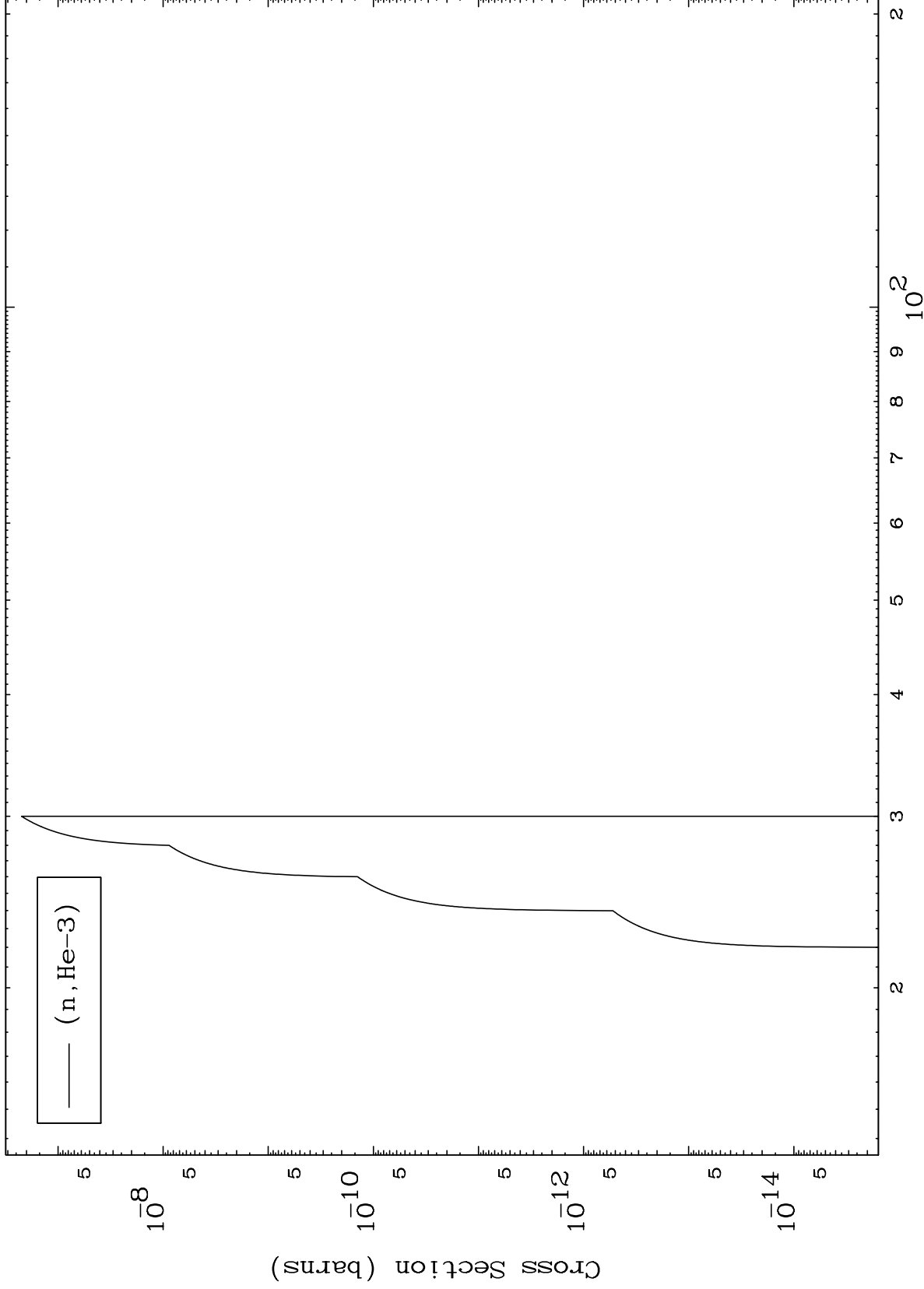
6

Incident Energy (MeV)

79-Au-193





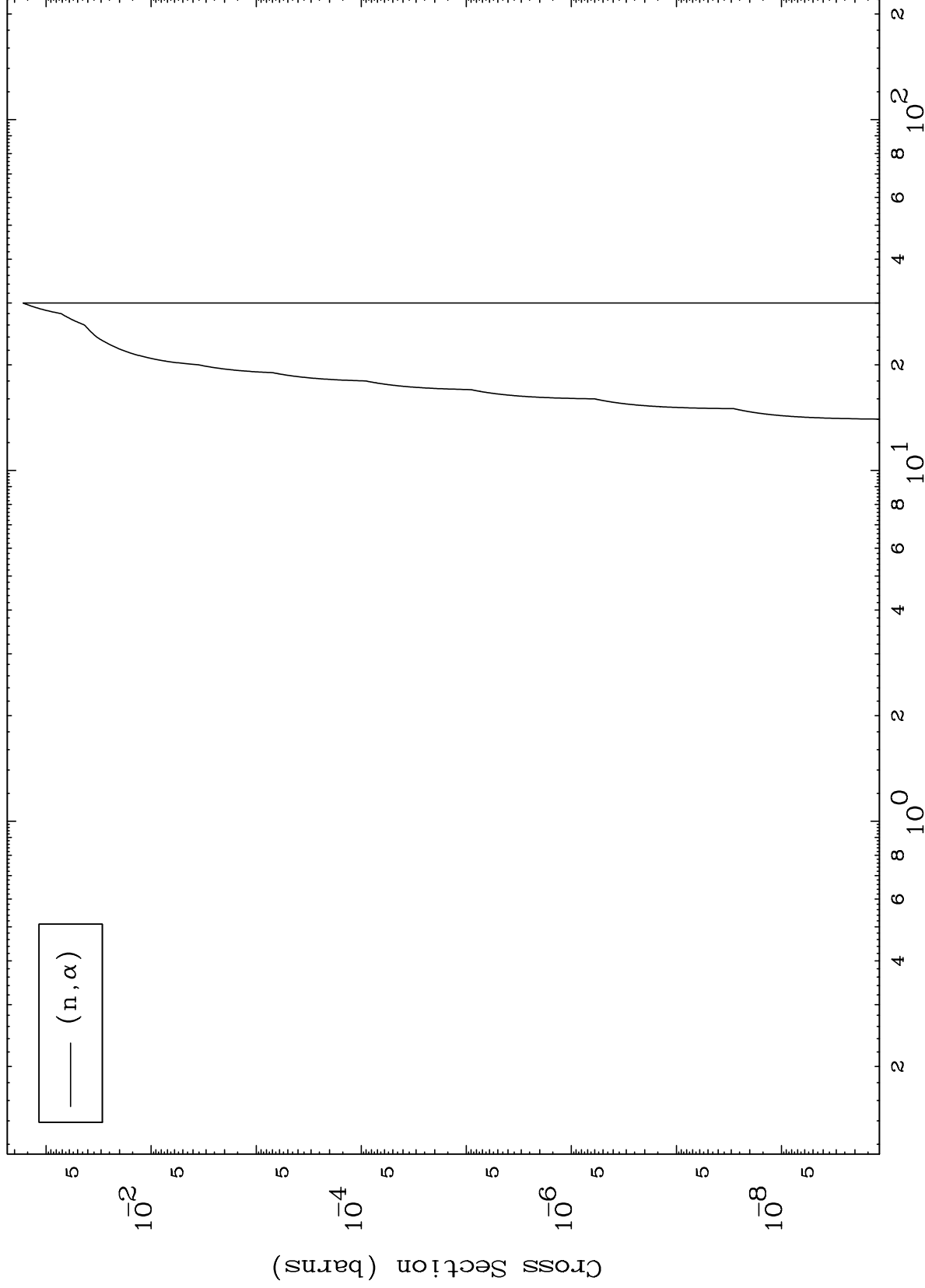


MAT 7913

(α, α) Levels

79-Au-193

0 Kelvin Cross Sections

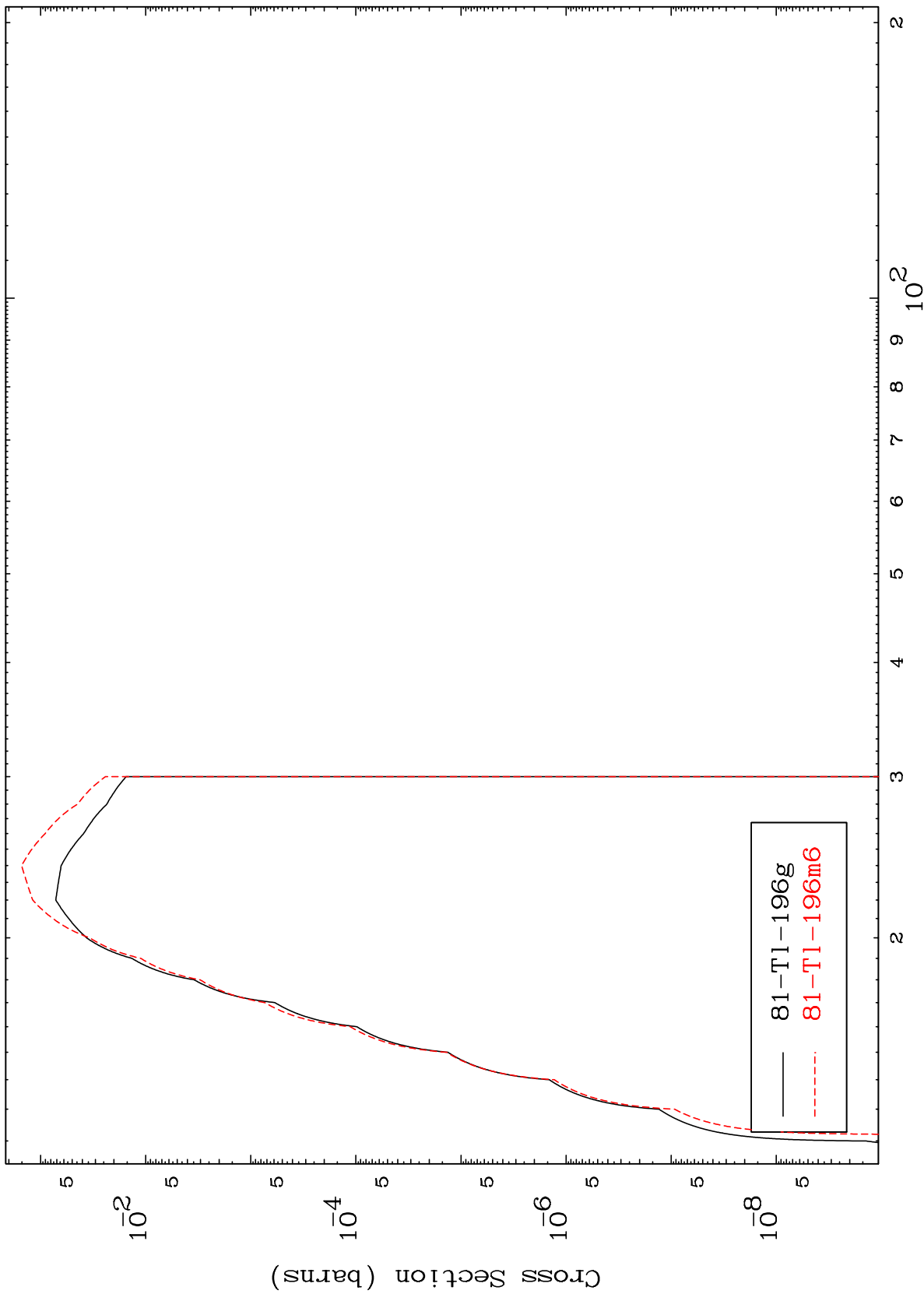


10

Incident Energy (MeV)

79-Au-193

Inelastic
Radionuclide Production Cross Section

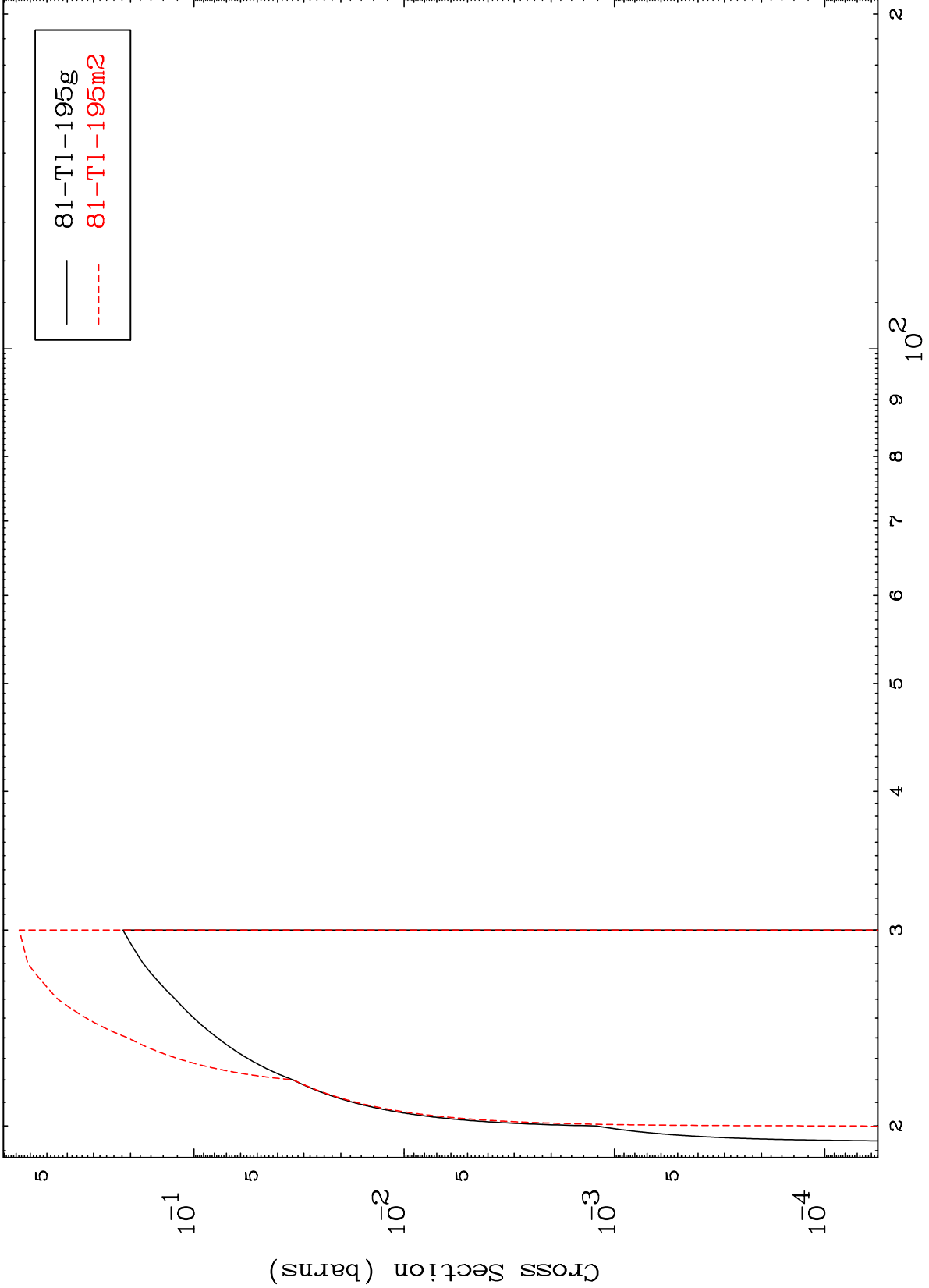


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(n,2n)

79-Au-193

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

12

Incident Energy (MeV)

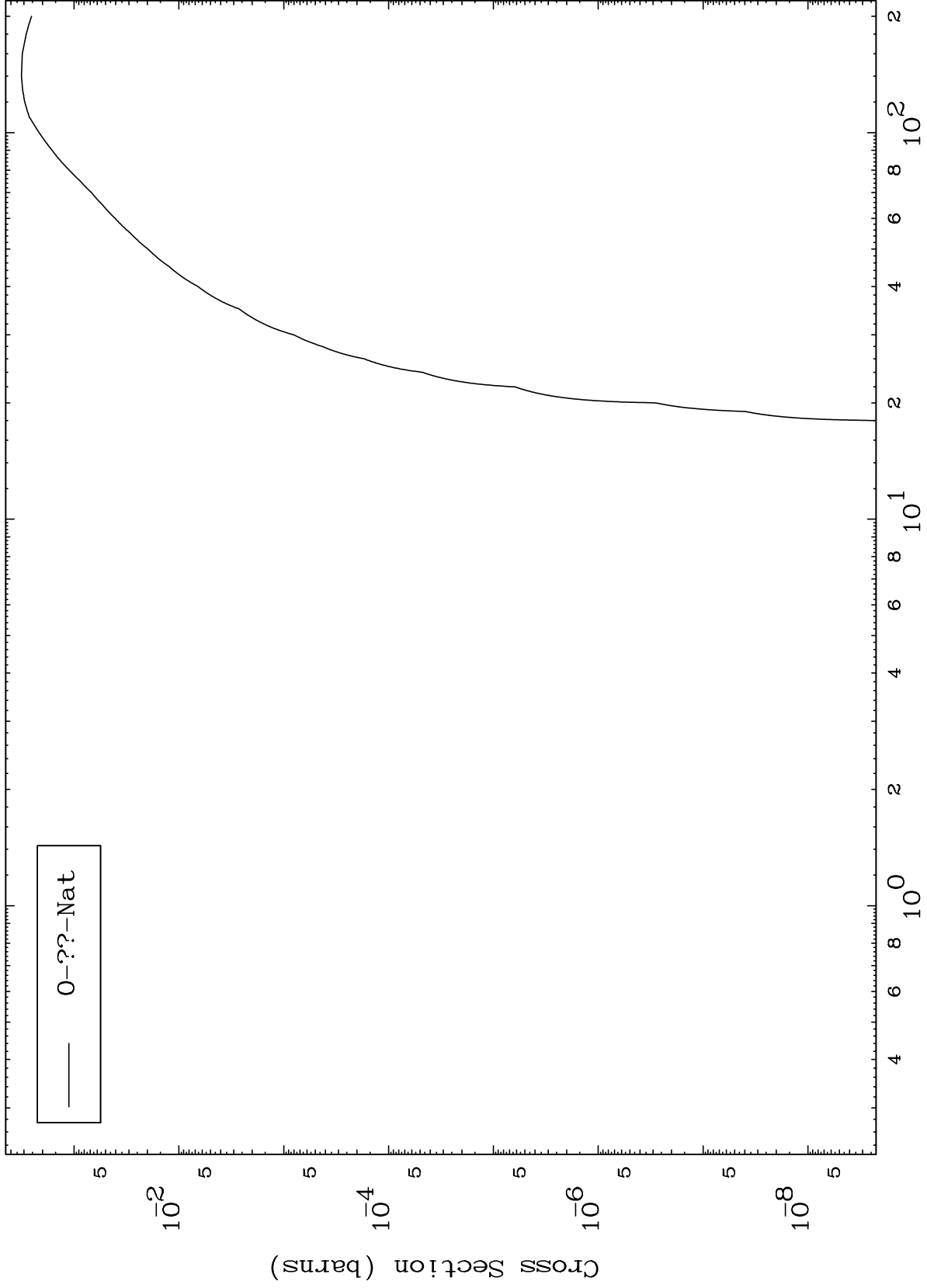
79-Au-193

MAT 7913

Fission

79-Au-193

Radionuclide Production Cross Section

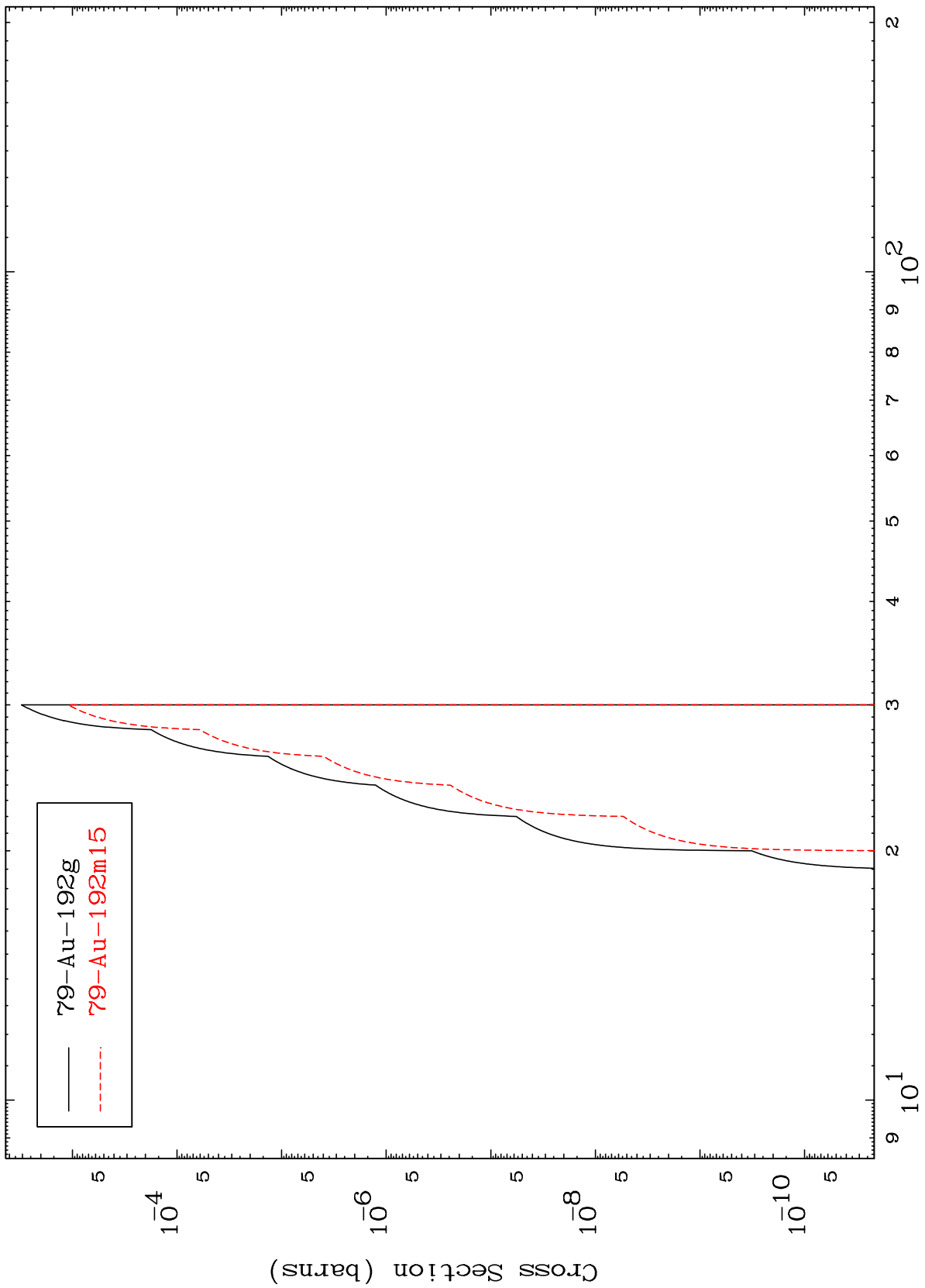


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$(n, n') \alpha$

79-Au-193

Radionuclide Production Cross Section



79-Au-192g
79-Au-192m15

14

Incident Energy (MeV)

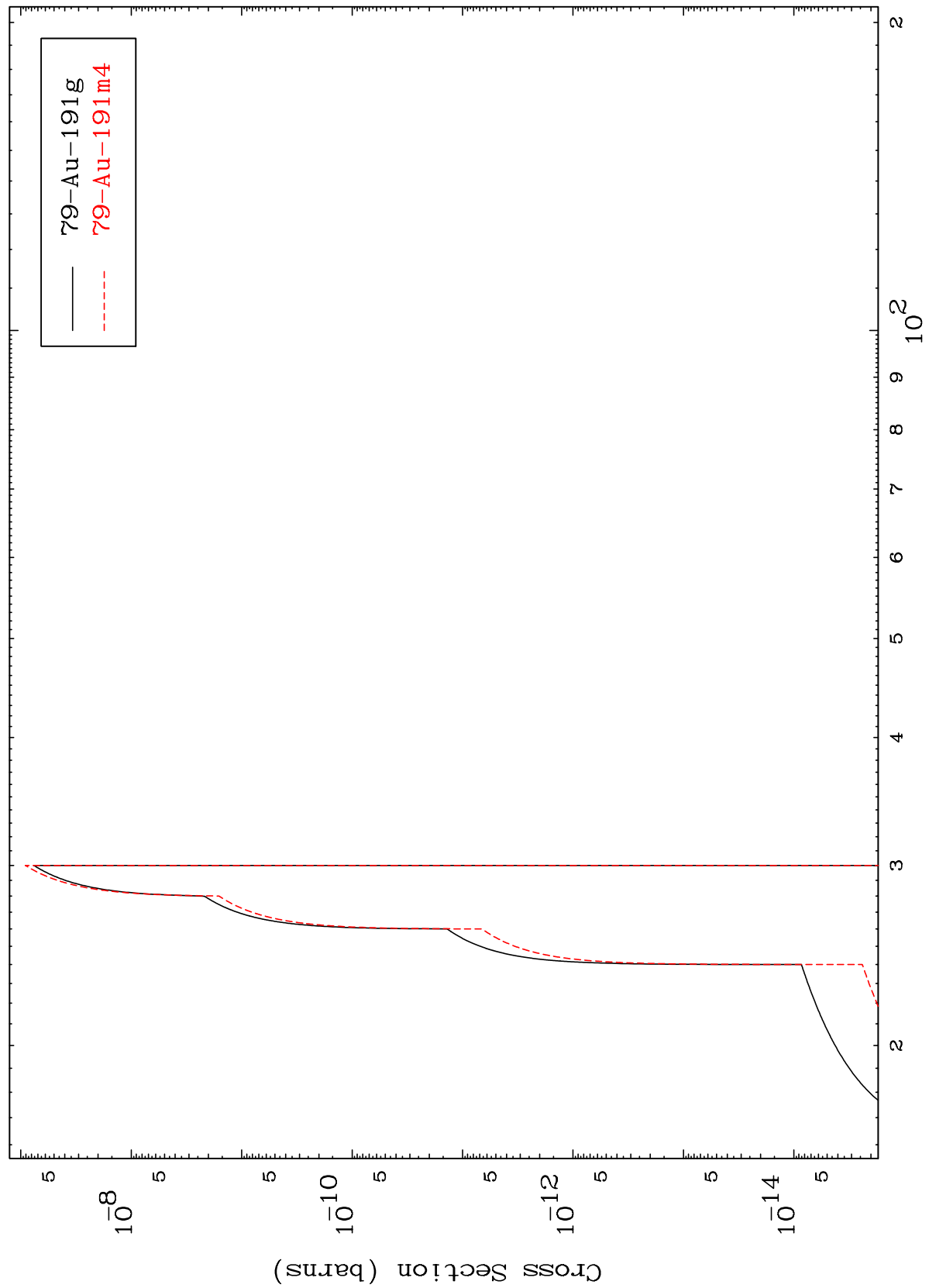
79-Au-193

MAT 7913

$(n,2n) \alpha$

79-Au-193

Radionuclide Production Cross Section

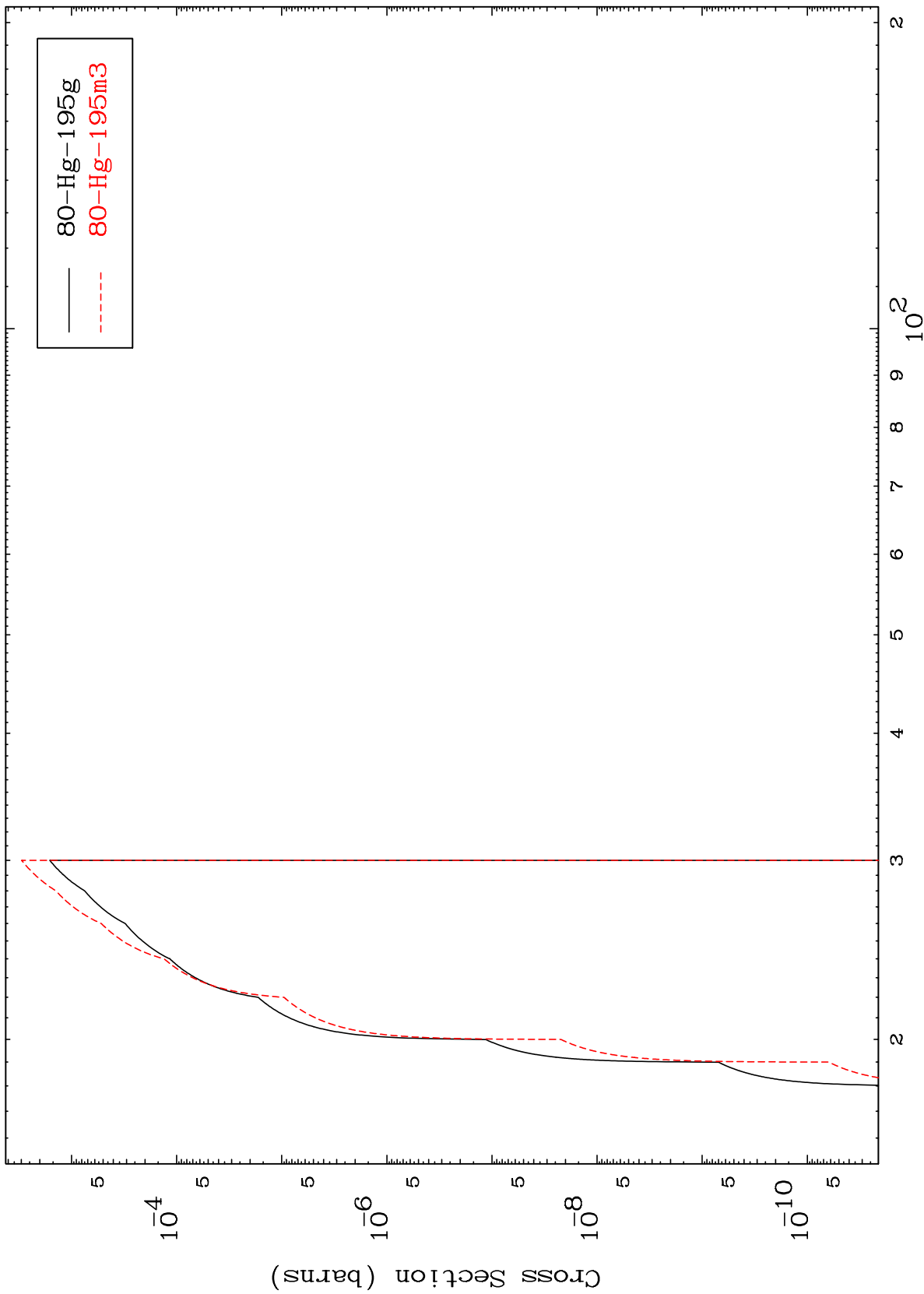


15

Incident Energy (MeV)

79-Au-193

(n, n') p
Radionuclide Production Cross Section

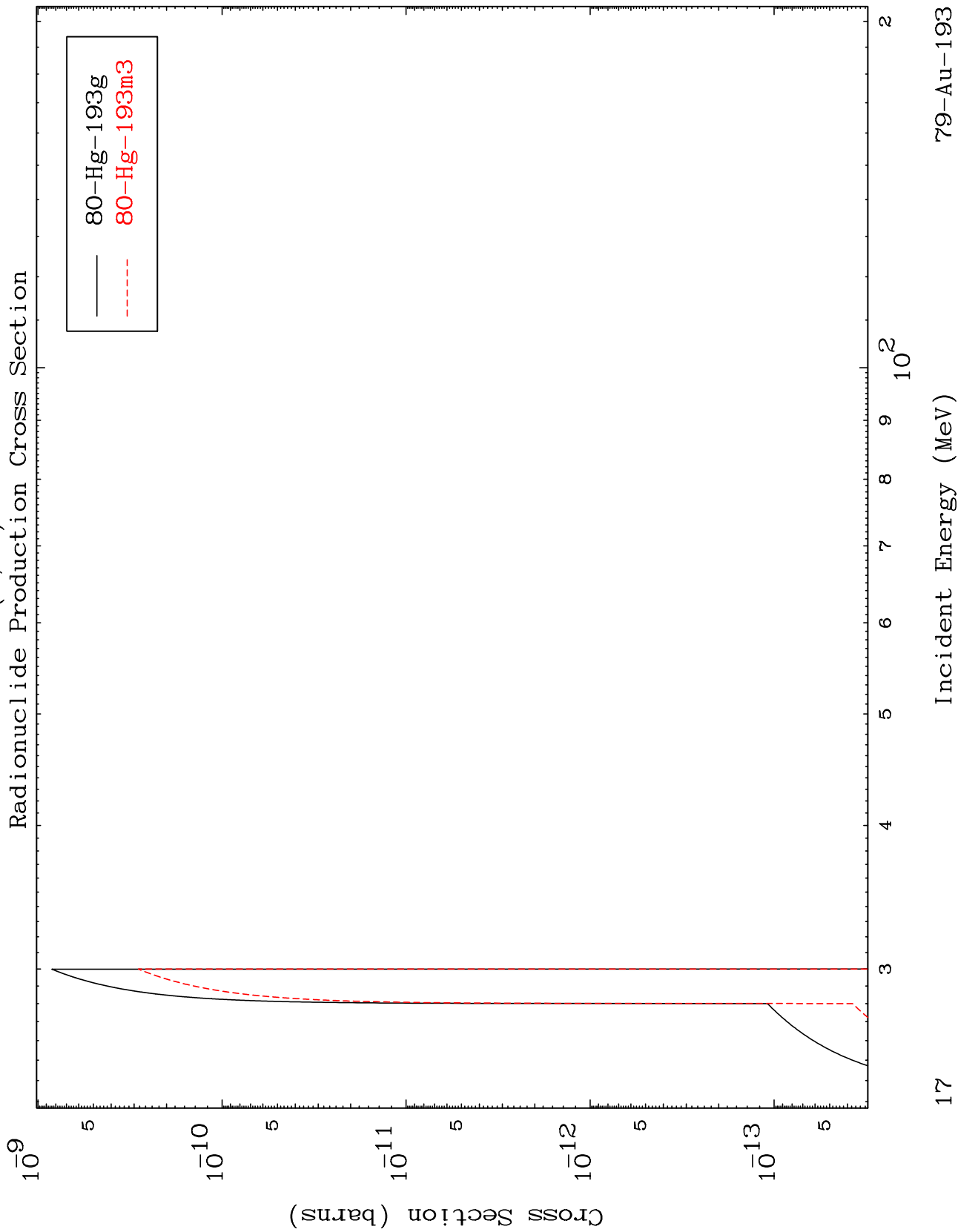


MAT 7913

(n,n') t

79-Au-193

Radionuclide Production Cross Section

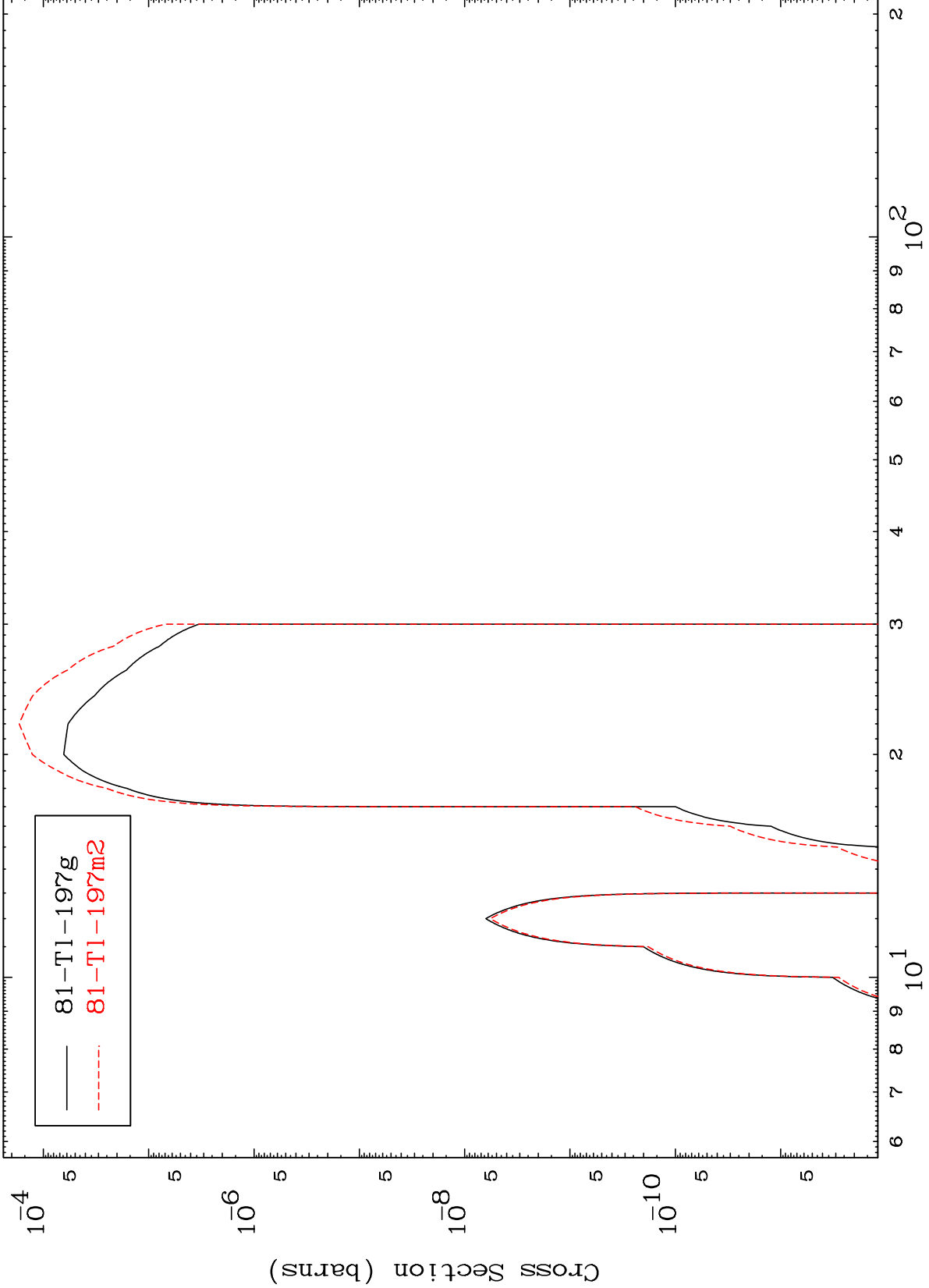


17

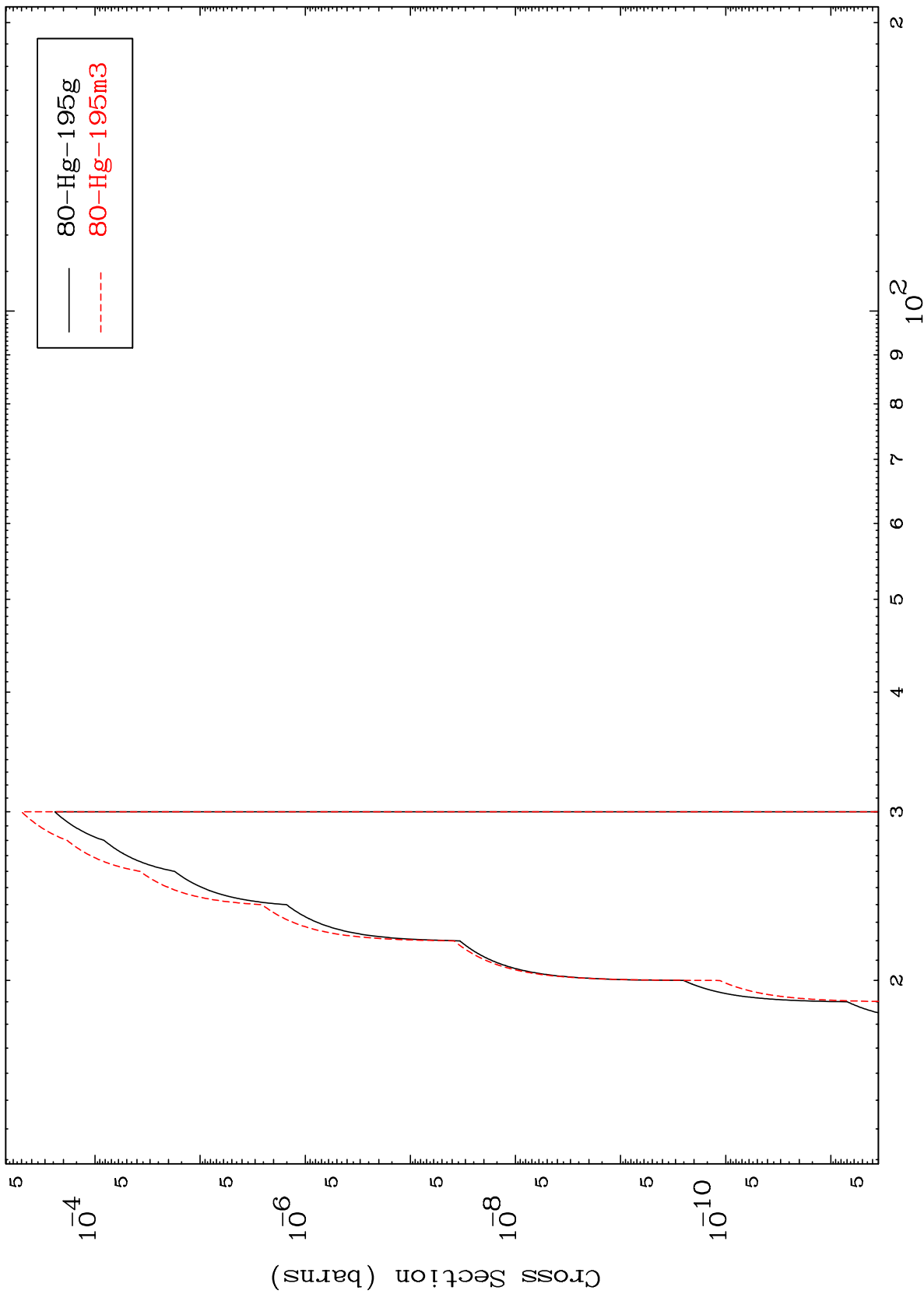
Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section (n,γ)



(n,d)
Radionuclide Production Cross Section

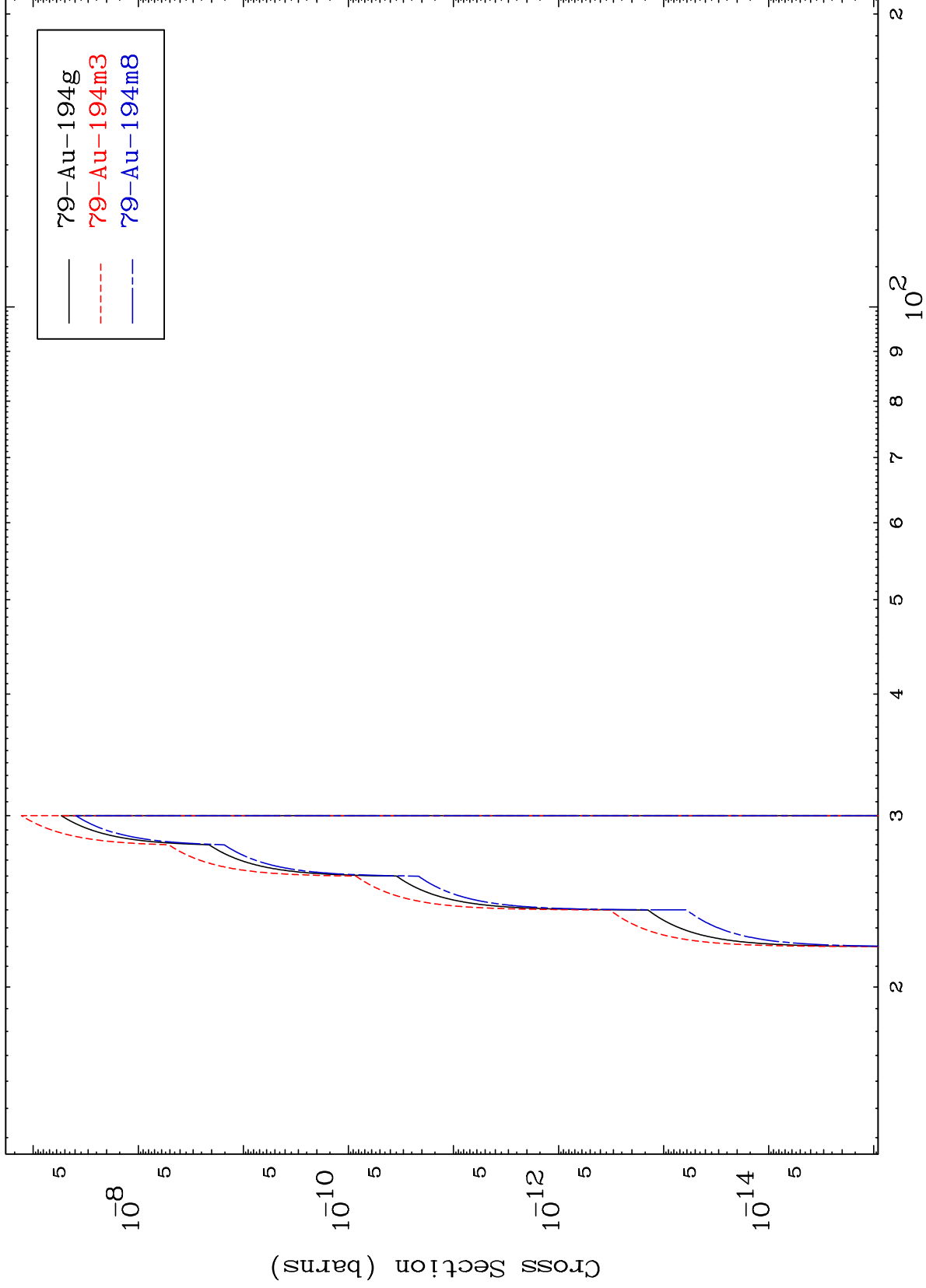


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(n,He-3)

79-Au-193

Radionuclide Production Cross Section



20

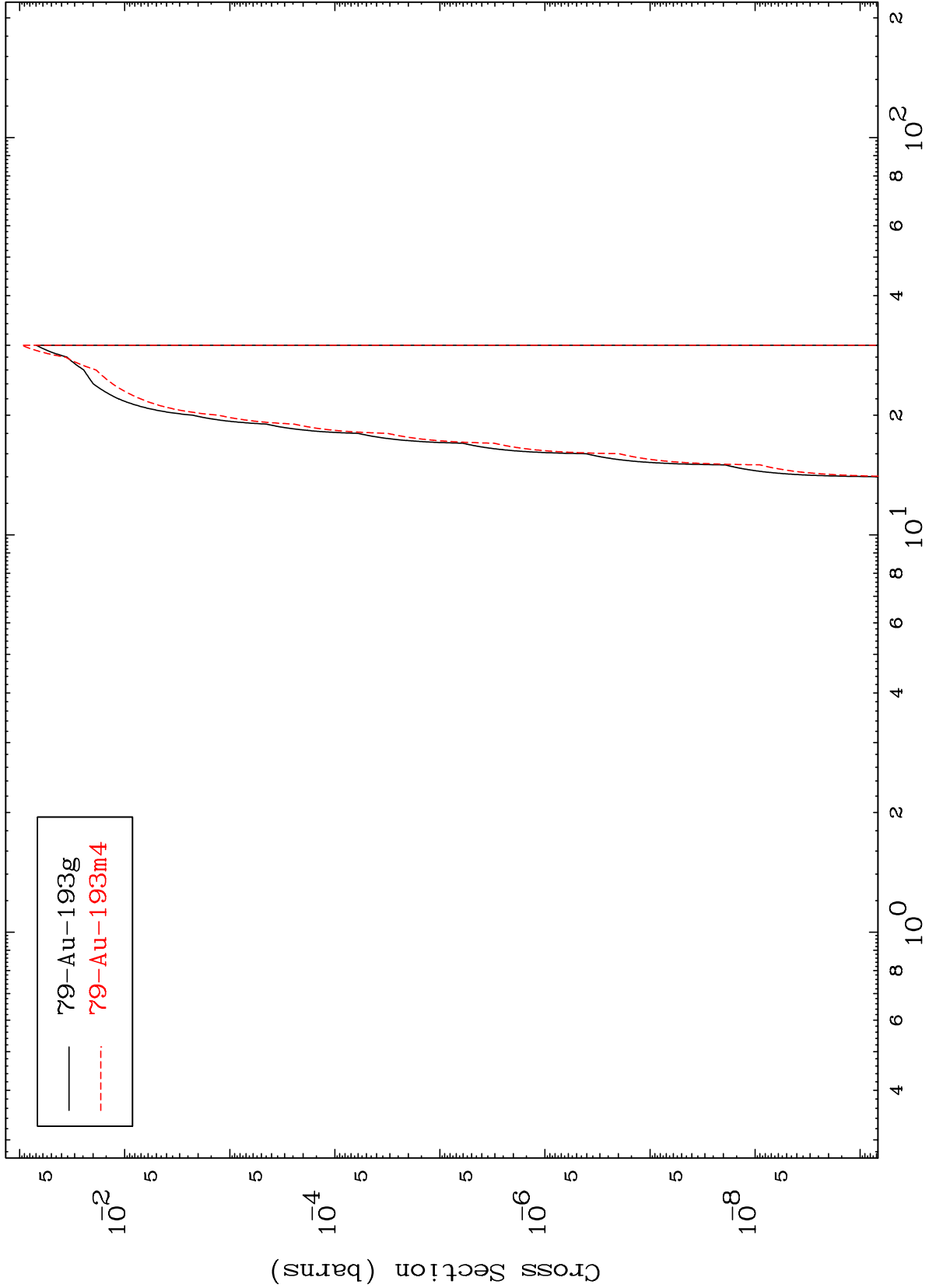
Incident Energy (MeV)

79-Au-193

MAT 7913

79-Au-193

(n, α)
Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section

