

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

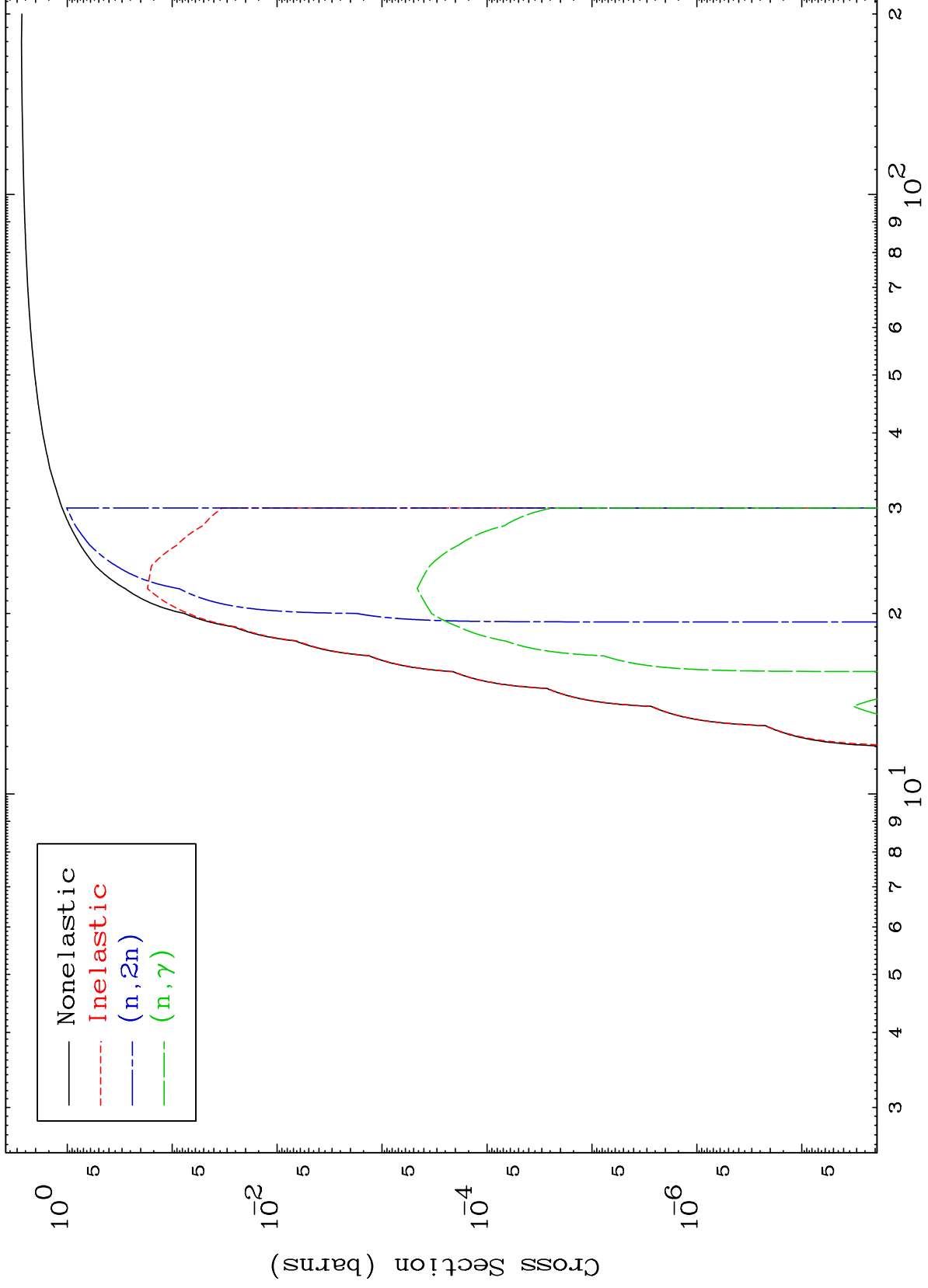
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

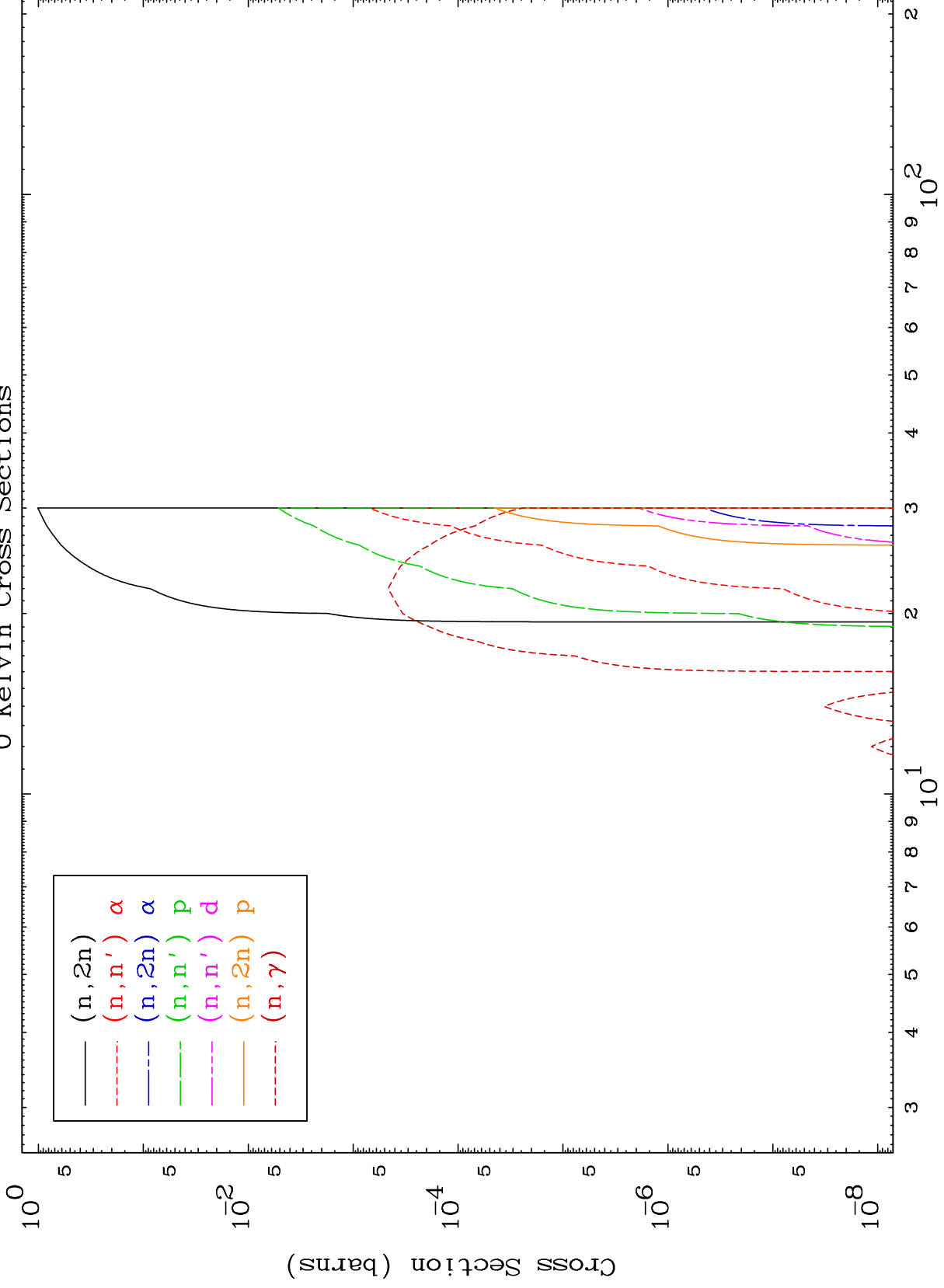
Tele: 925-443-1911

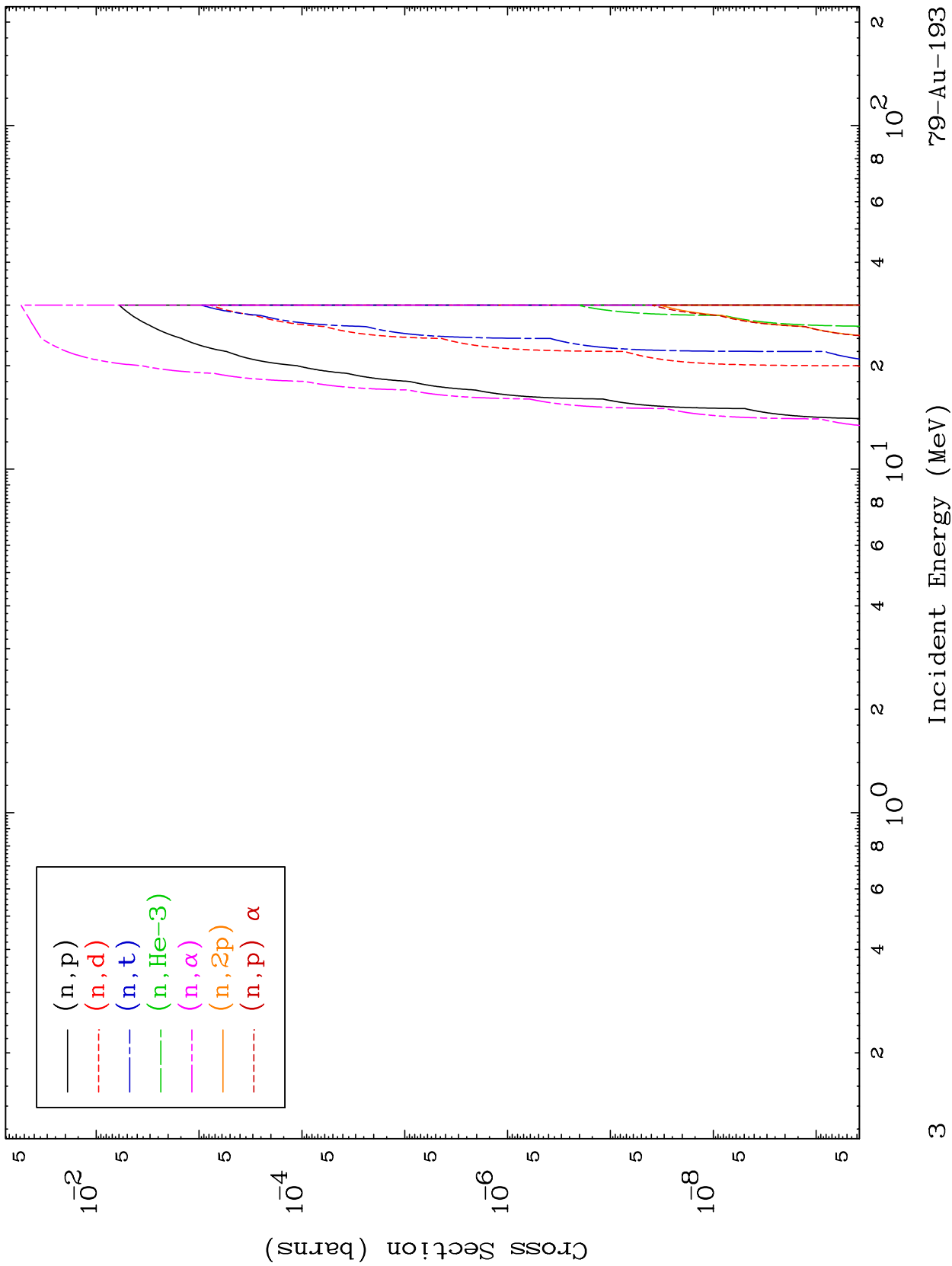
E.Mail:redcullen1@comcast.net

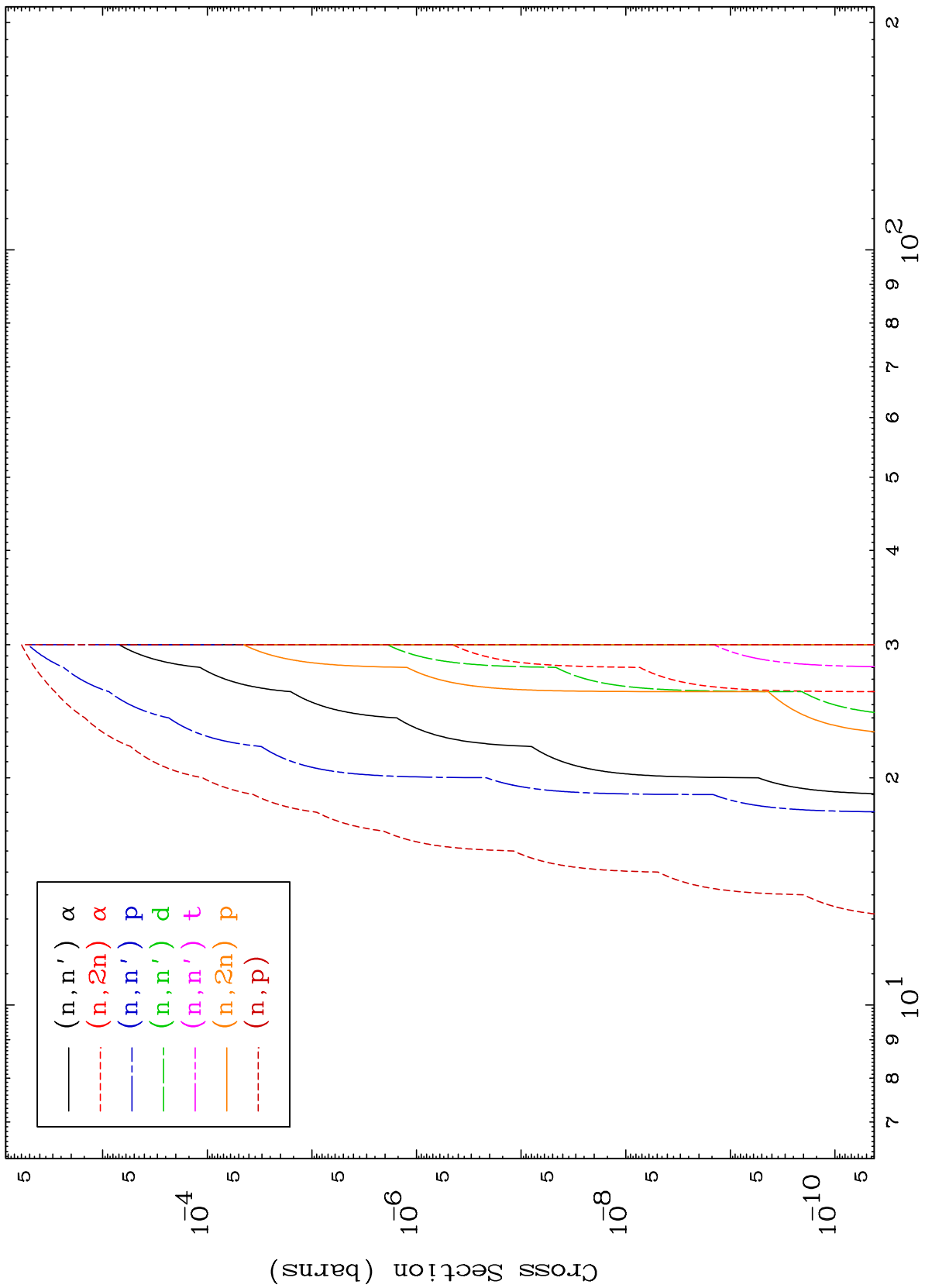
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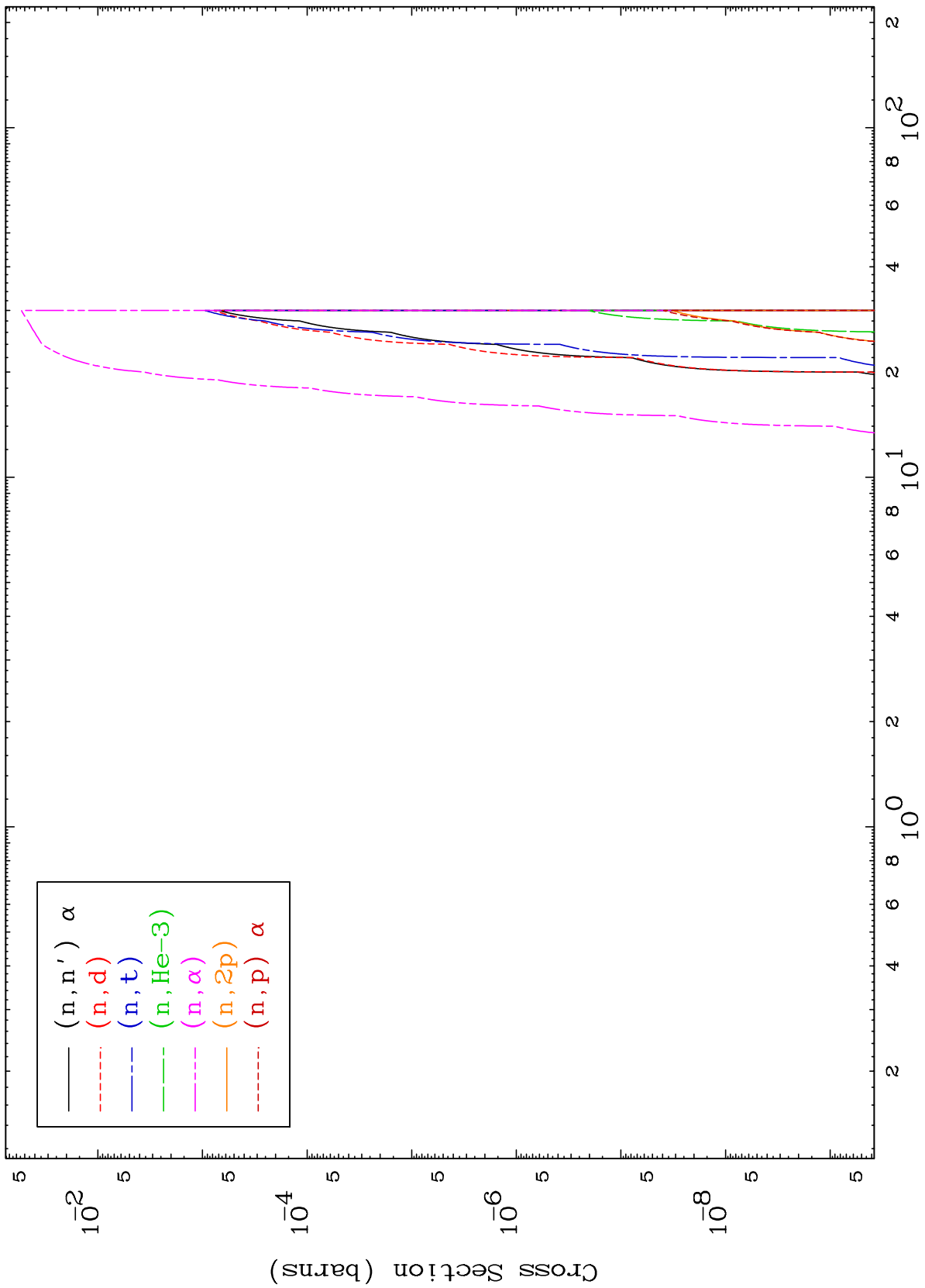
Press Mouse Button to Start







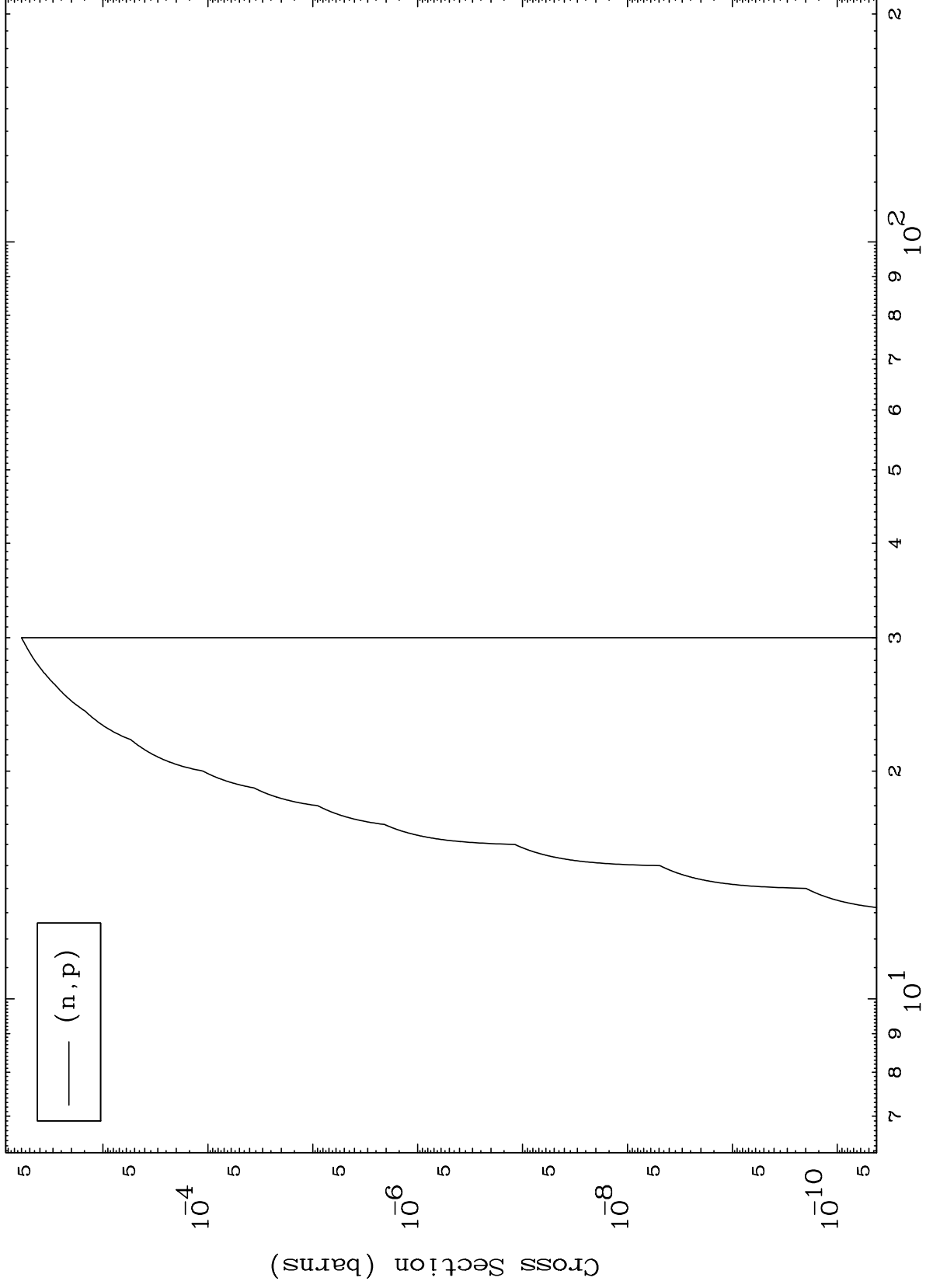




MAT 7913

(α, p) Levels
0 Kelvin Cross Sections

79-Au-193



6

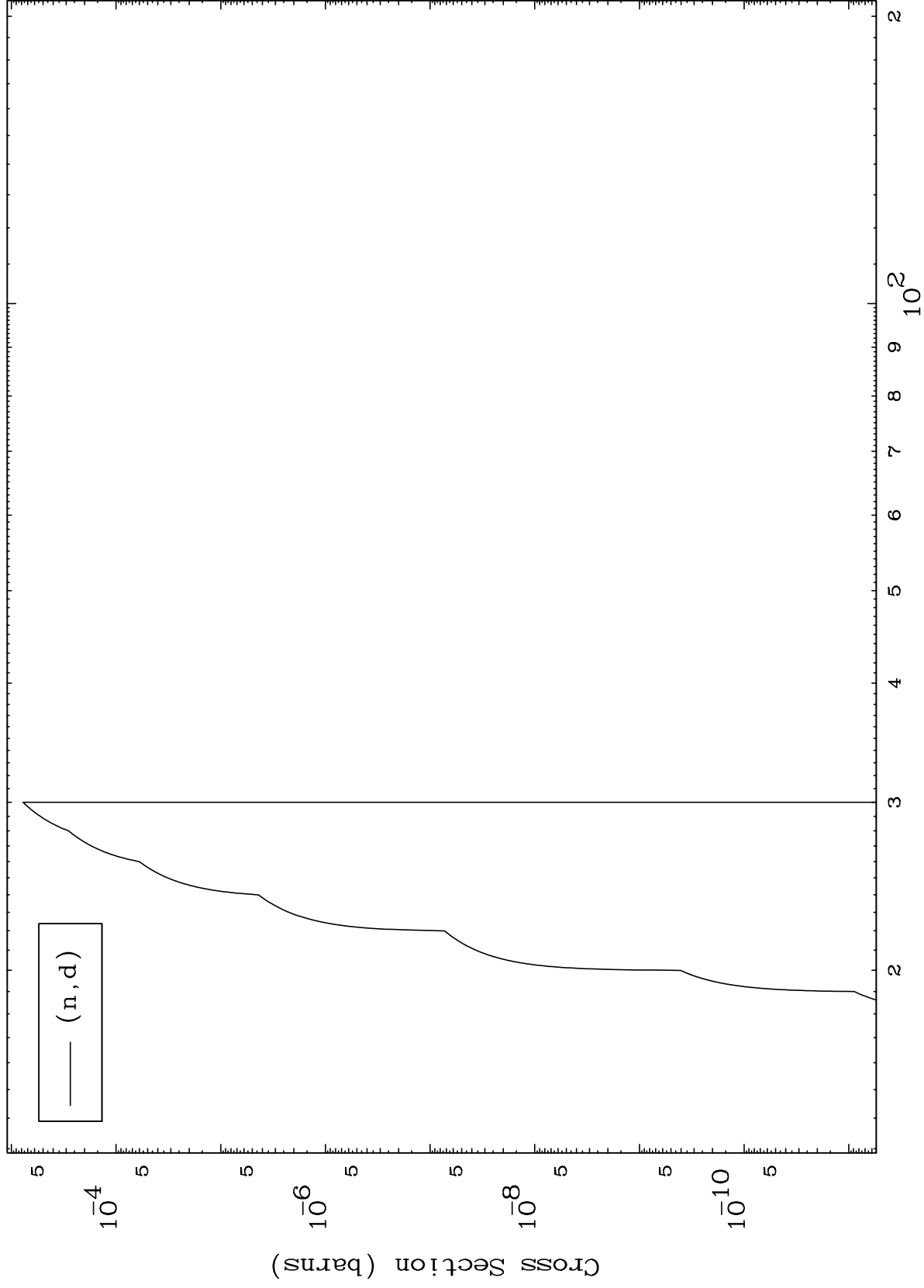
Incident Energy (MeV)

79-Au-193

MAT 7913

(α, d) Levels
0 Kelvin Cross Sections

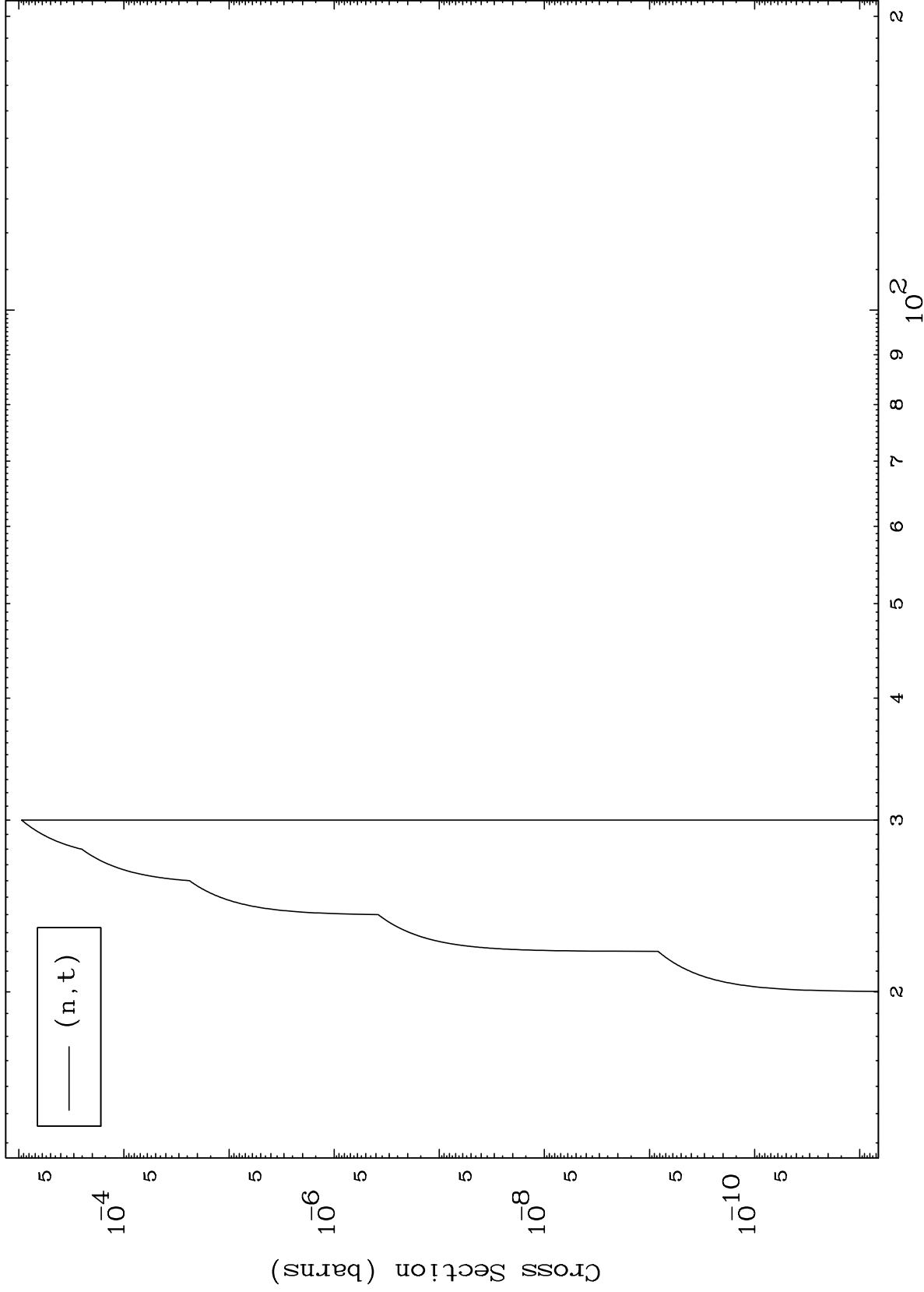
79-Au-193



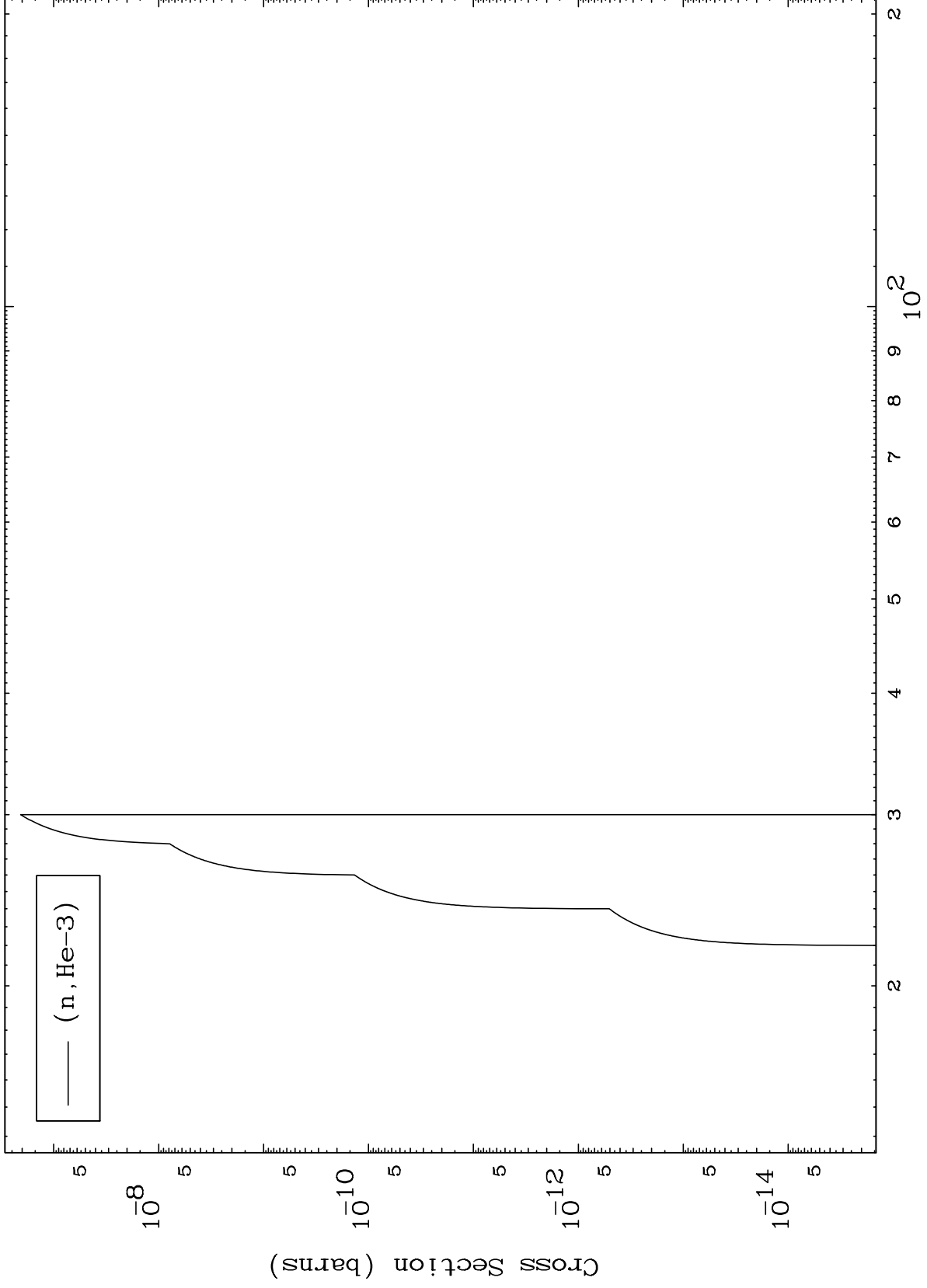
7

Incident Energy (MeV)

79-Au-193



0 Kelvin Cross Sections

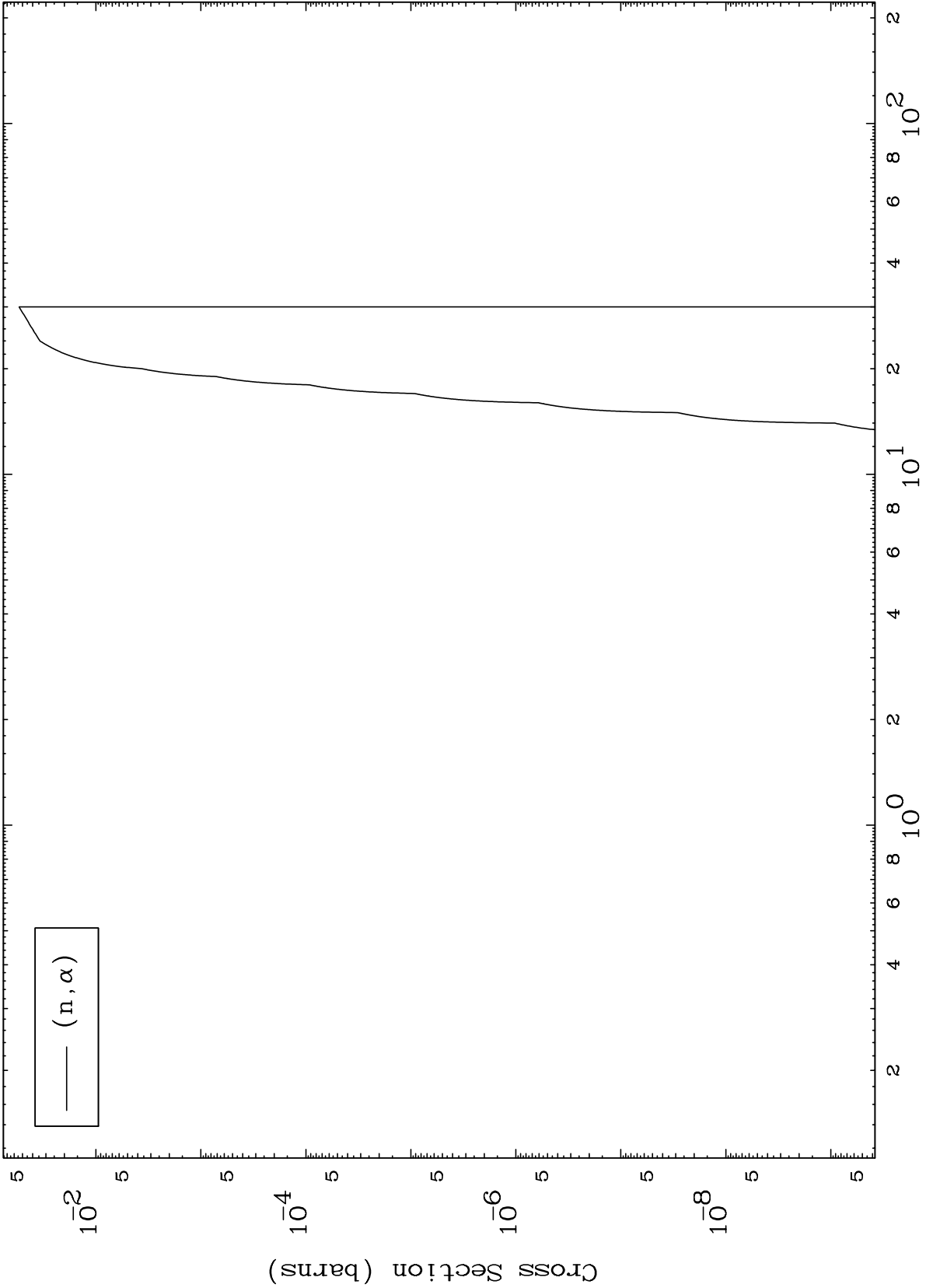


MAT 7913

(α, α) Levels

79-Au-193

0 Kelvin Cross Sections



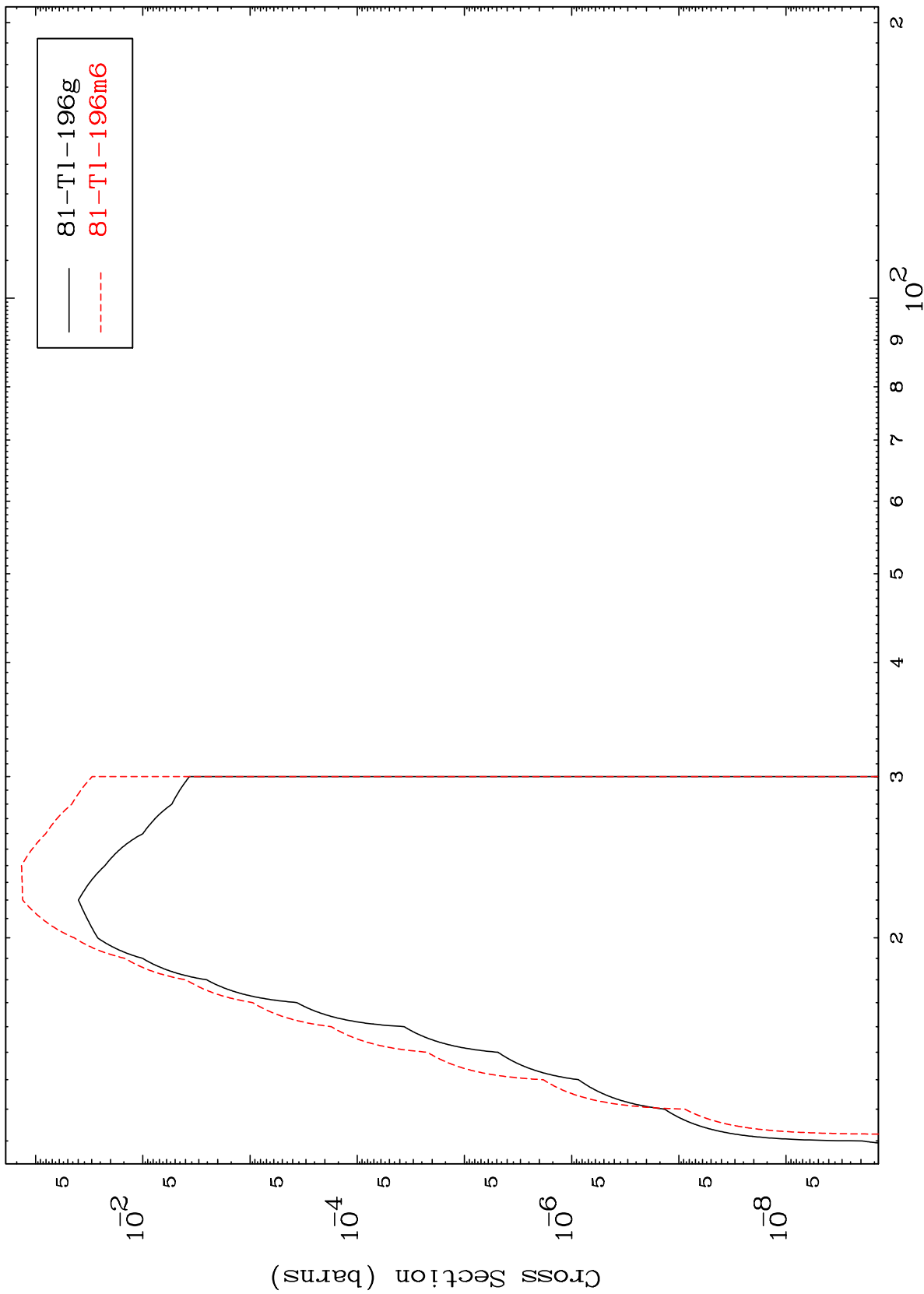
(n, α)

10

Incident Energy (MeV)

79-Au-193

Inelastic
Radionuclide Production Cross Section

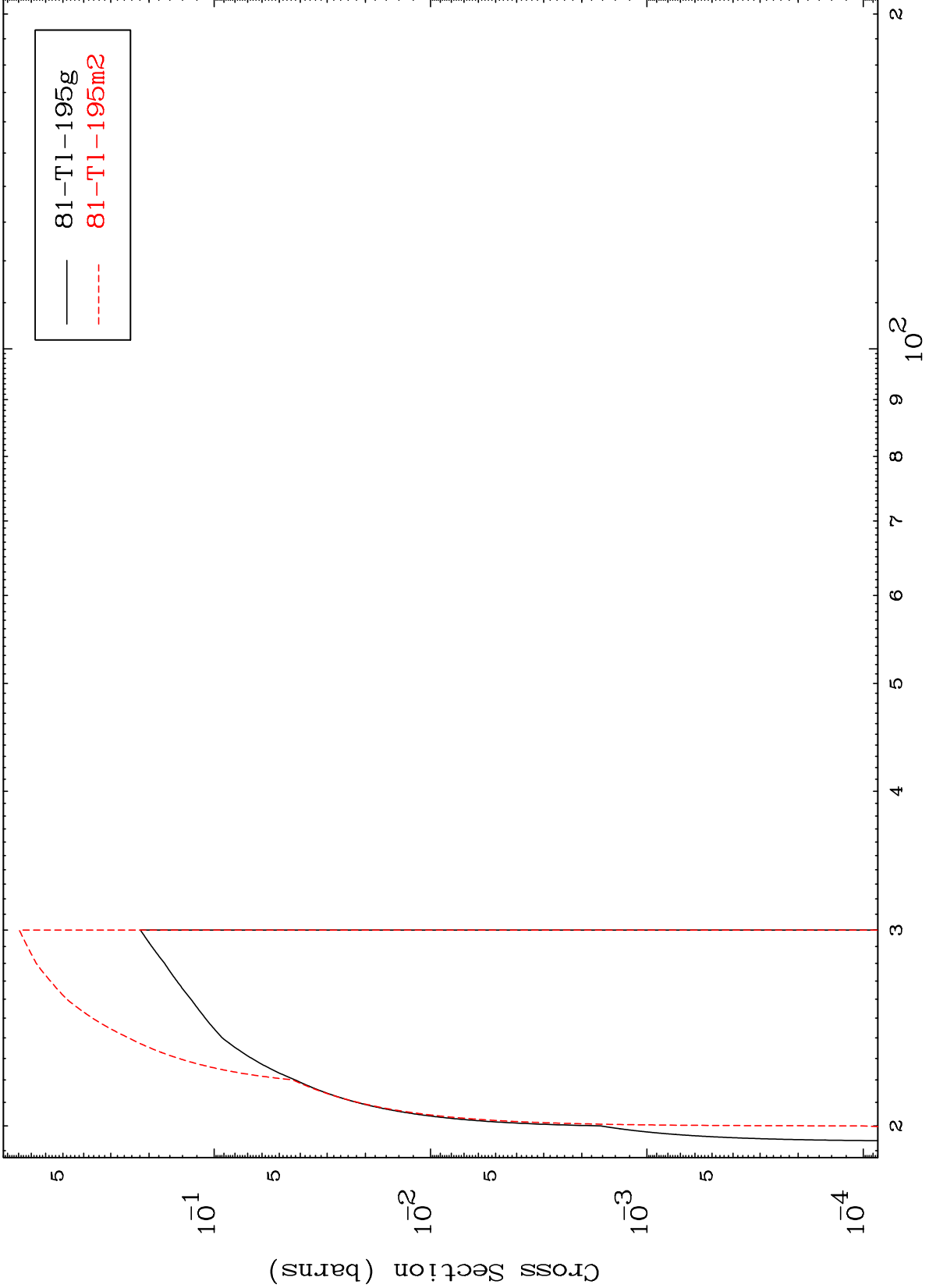


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(n,2n)

79-Au-193

Radionuclide Production Cross Section



12

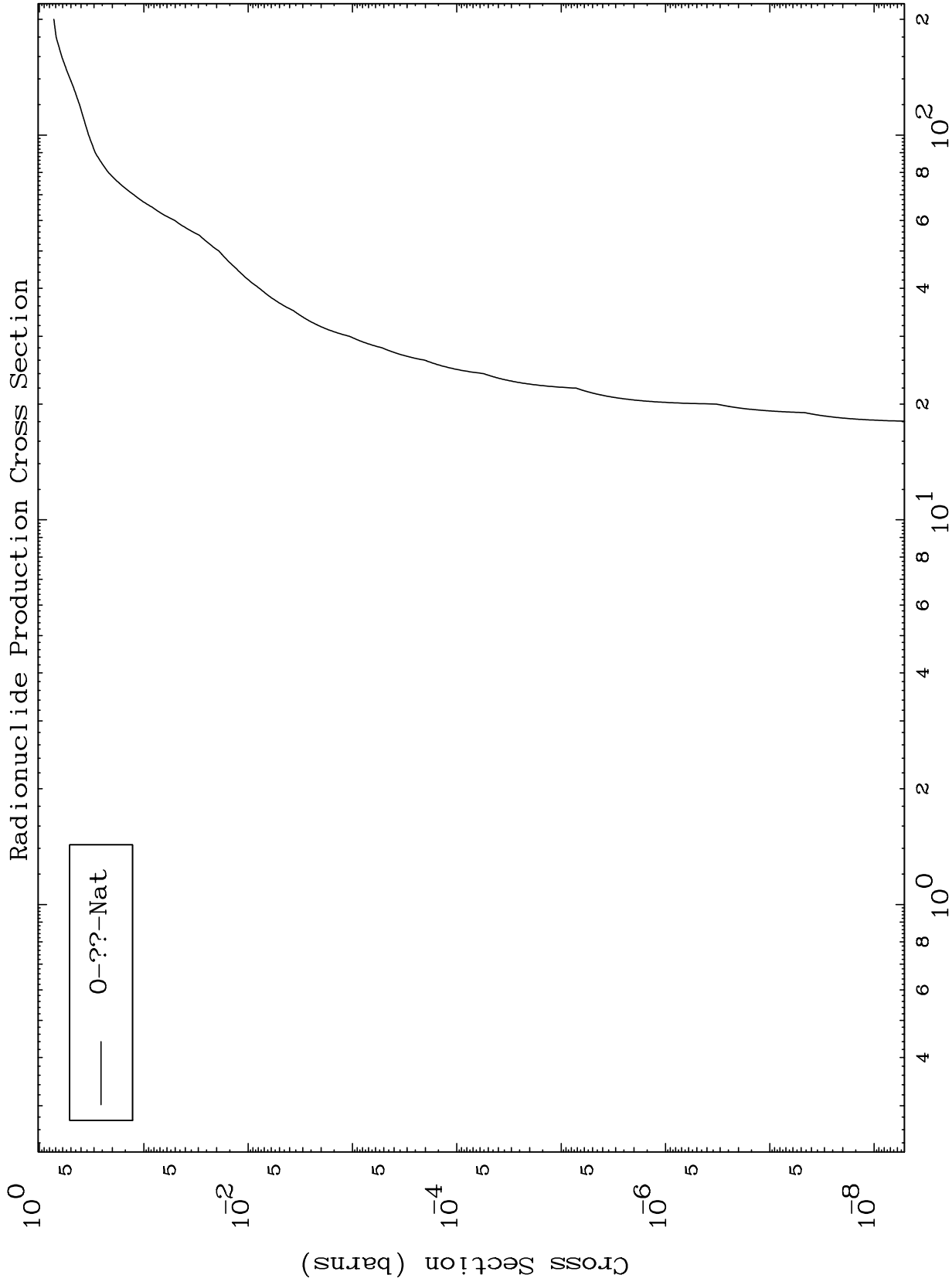
Incident Energy (MeV)

79-Au-193

MAT 7913

Fission

79-Au-193



13

Incident Energy (MeV)

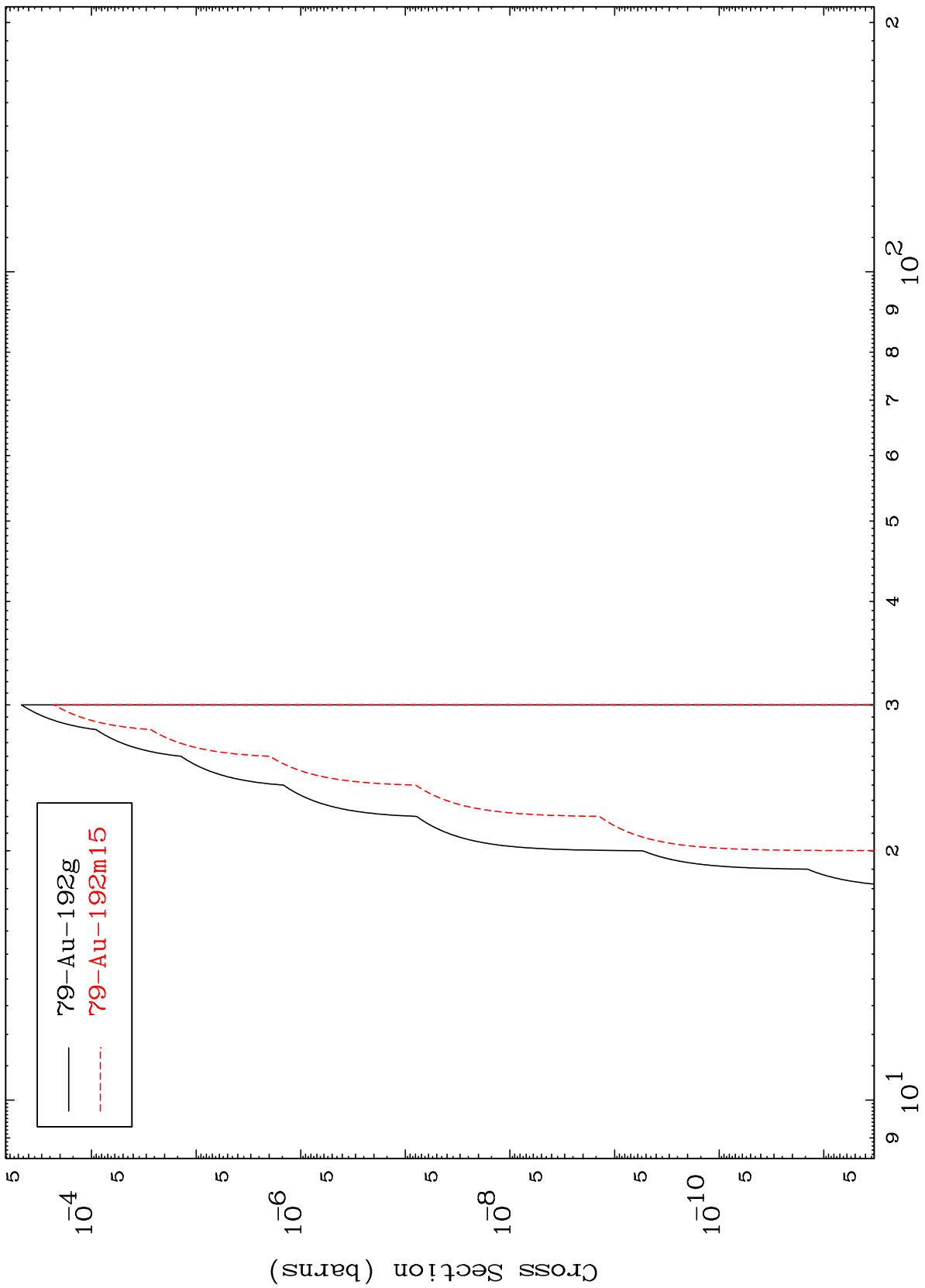
79-Au-193

MAT 7913

$(n, n') \alpha$

79-Au-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

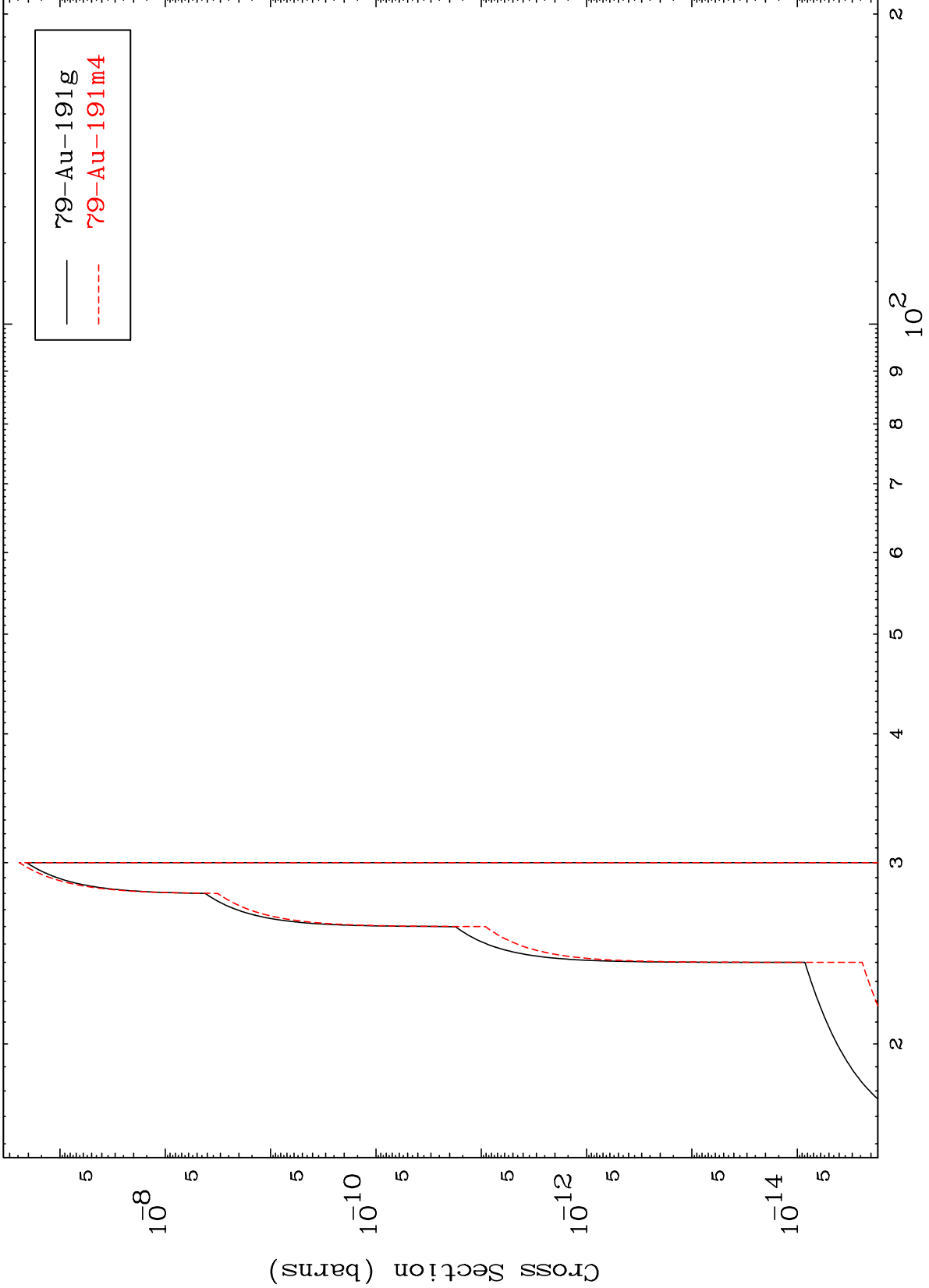
79-Au-193

MAT 7913

$(n,2n) \alpha$

$^{79}\text{Au-193}$

Radionuclide Production Cross Section

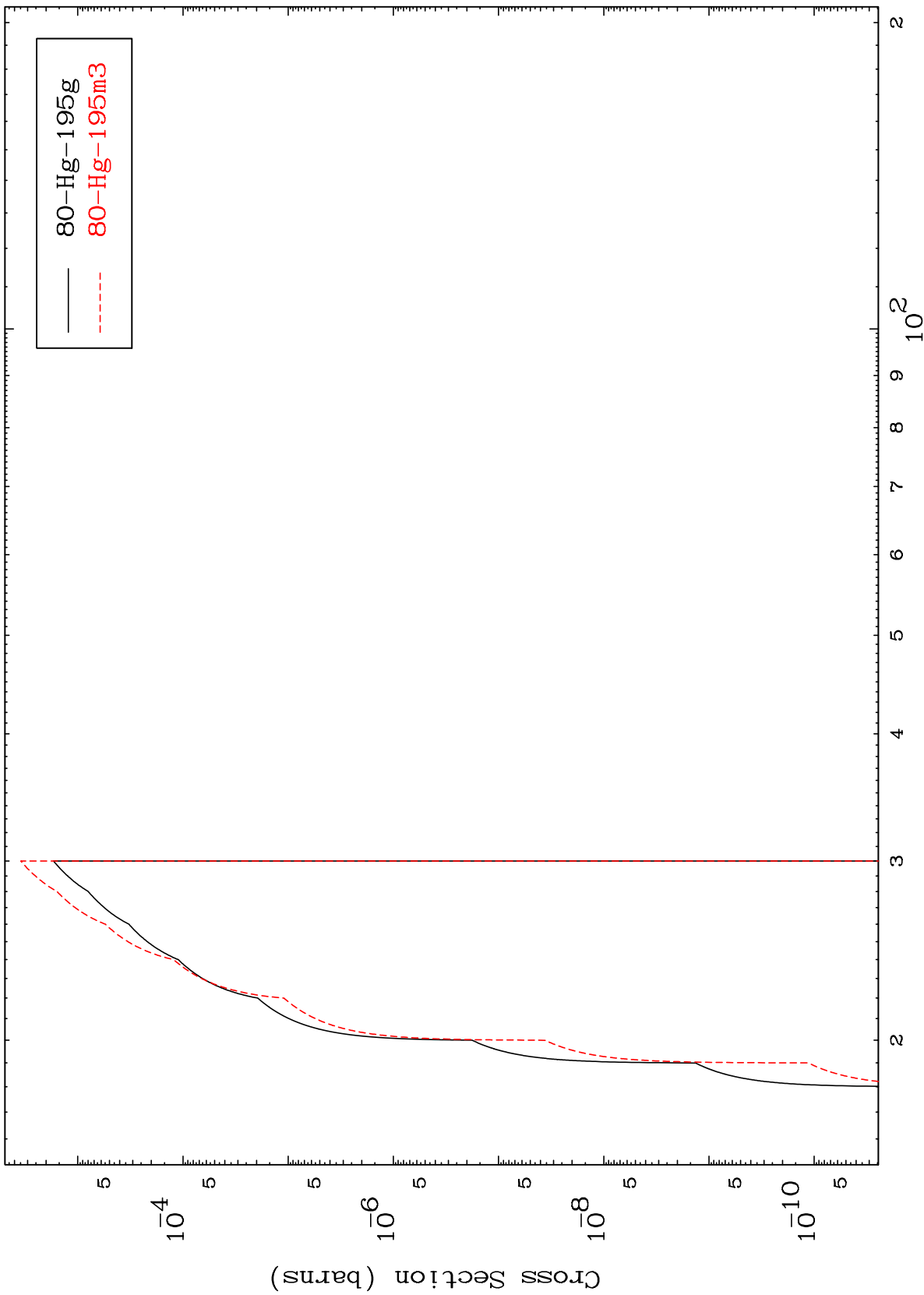


15

Incident Energy (MeV)

$^{79}\text{Au-193}$

Radionuclide Production Cross Section

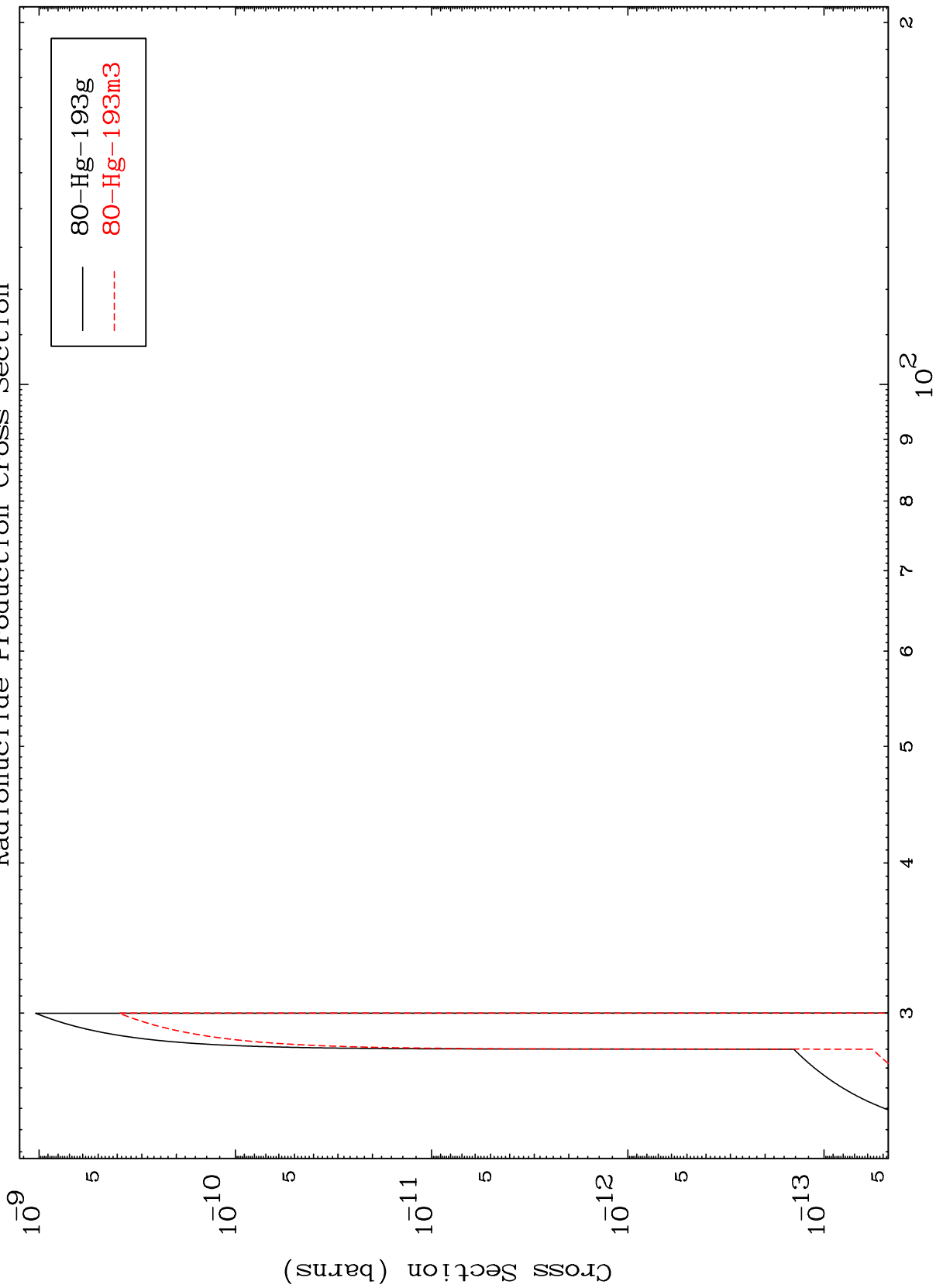


MAT 7913

(n,n') t

79-Au-193

Radionuclide Production Cross Section

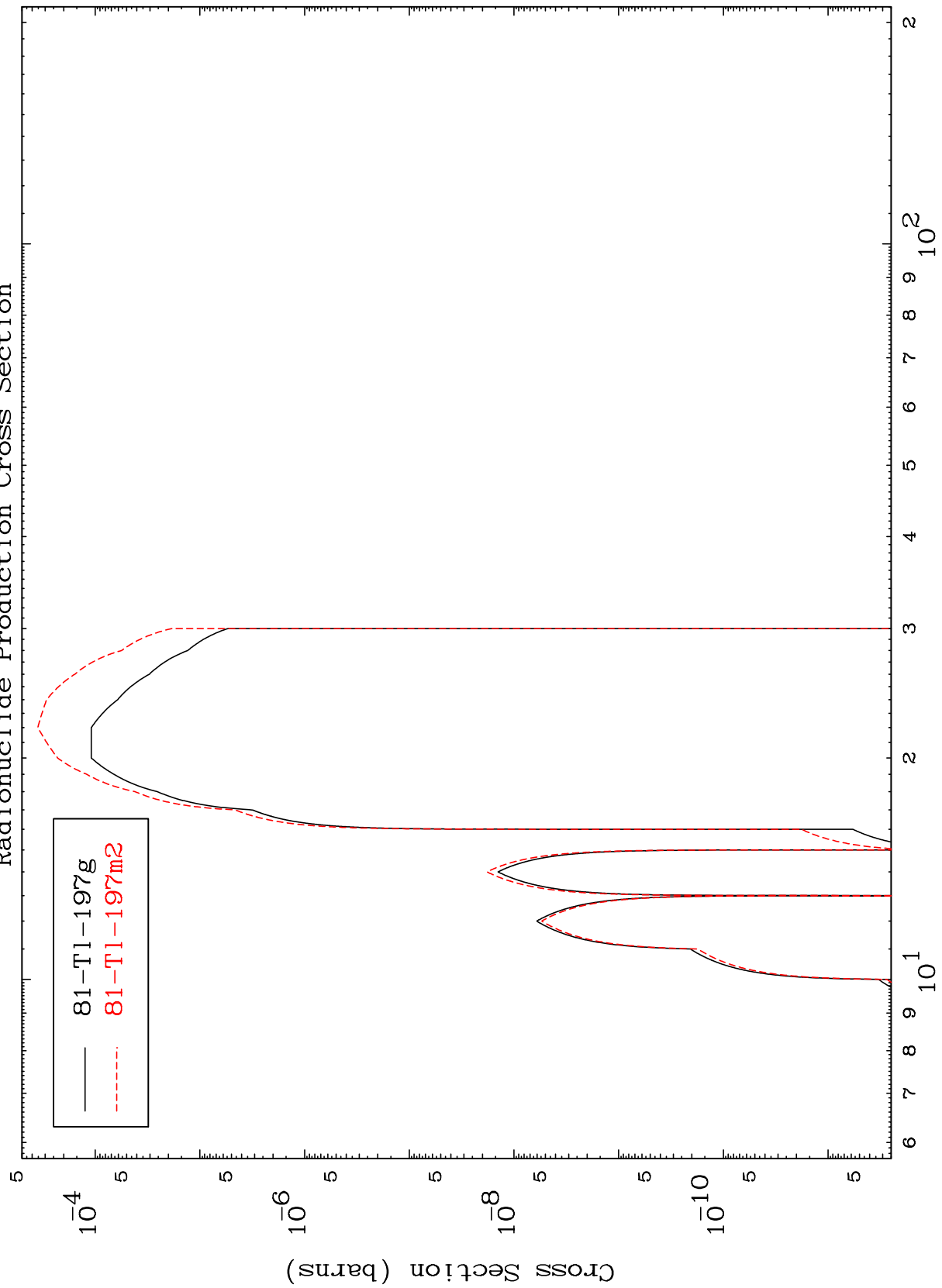


17

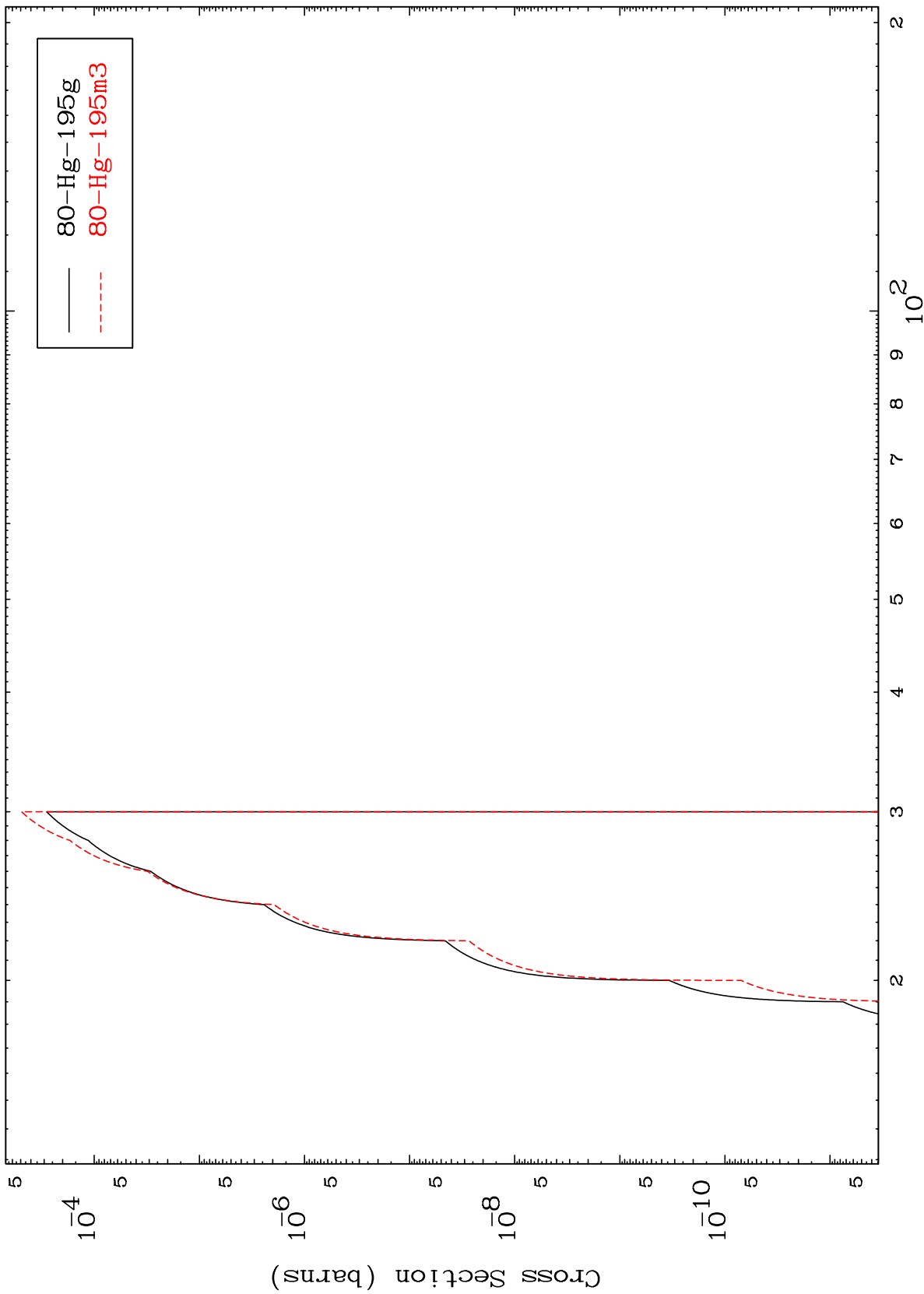
Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section (n,γ)



(n,d)
Radionuclide Production Cross Section

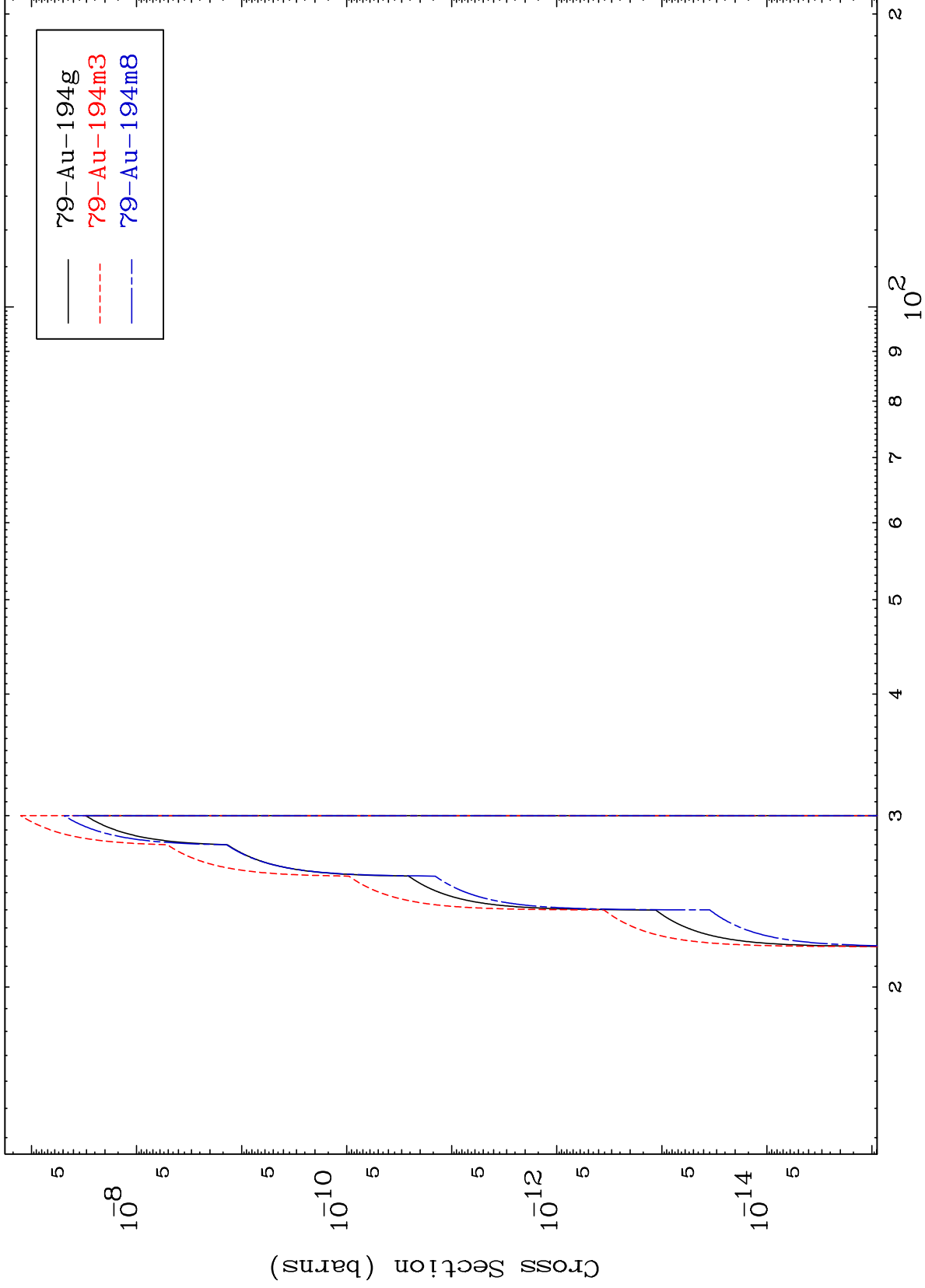


MAT 7913

(n,He-3)

79-Au-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

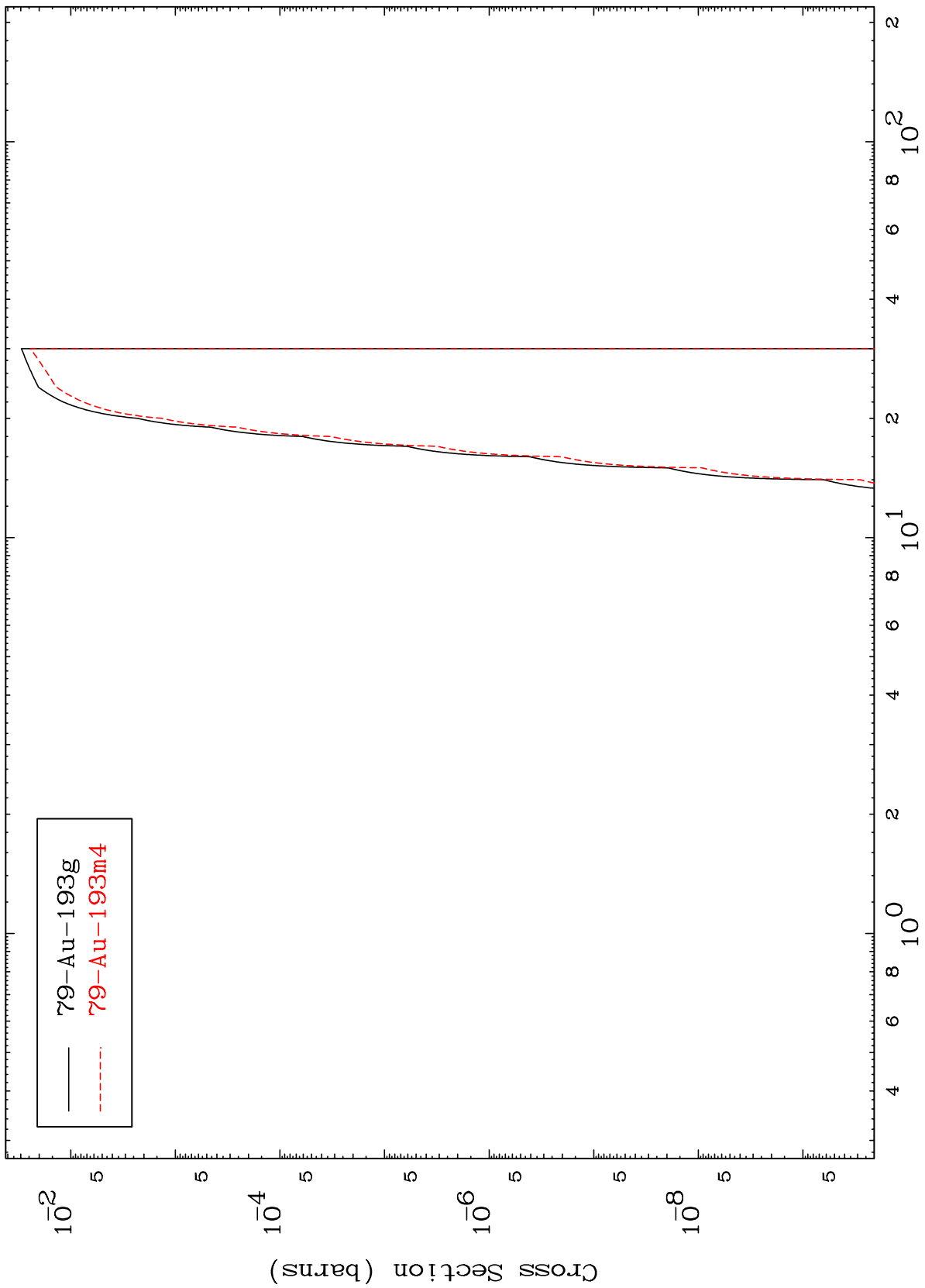
79-Au-193

MAT 7913

(n, α)

79-Au-193

Radionuclide Production Cross Section



Legend:
— 79-Au-193g
- - - 79-Au-193m4

(n,2p)
Radionuclide Production Cross Section

