

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

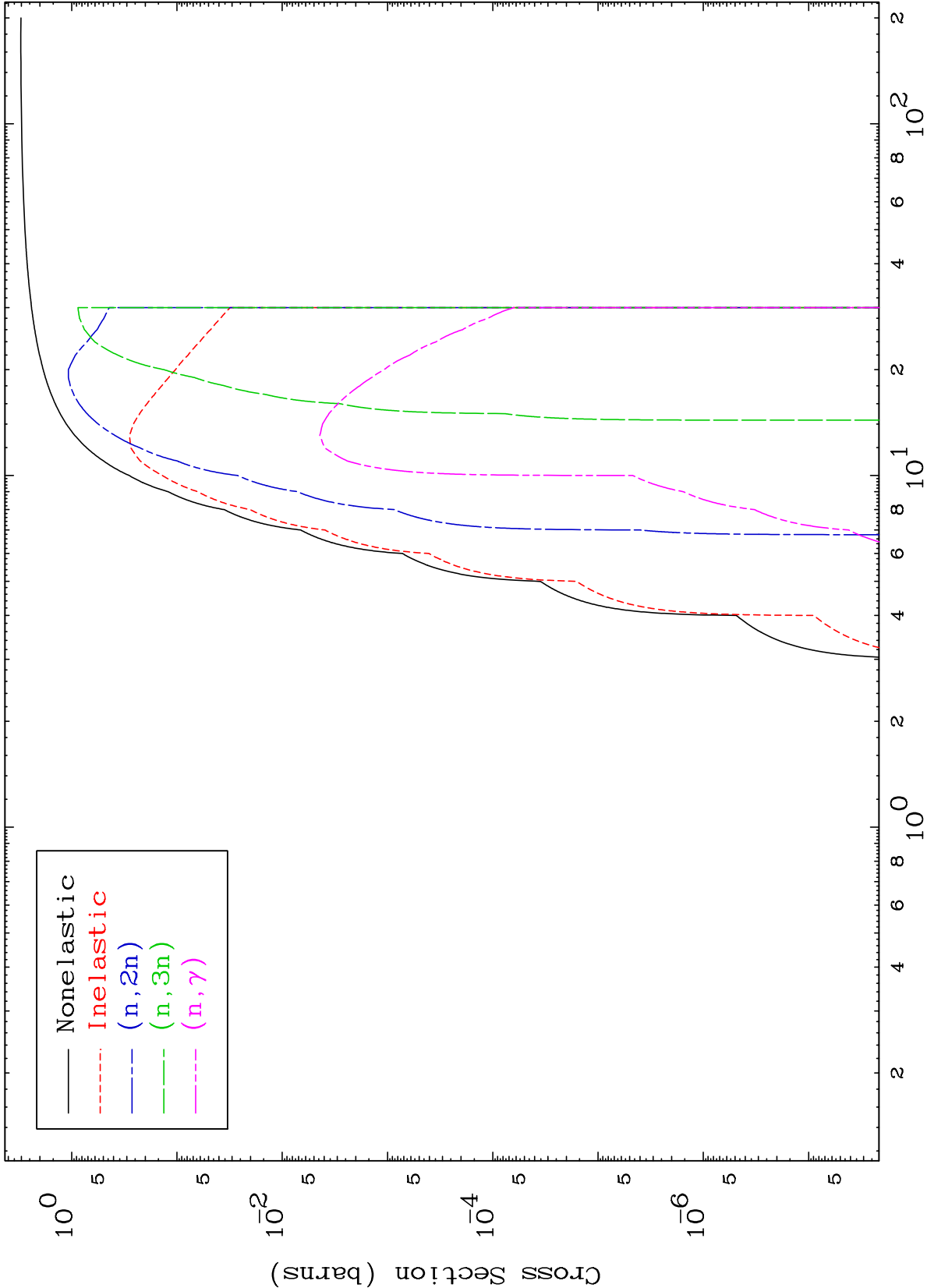
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

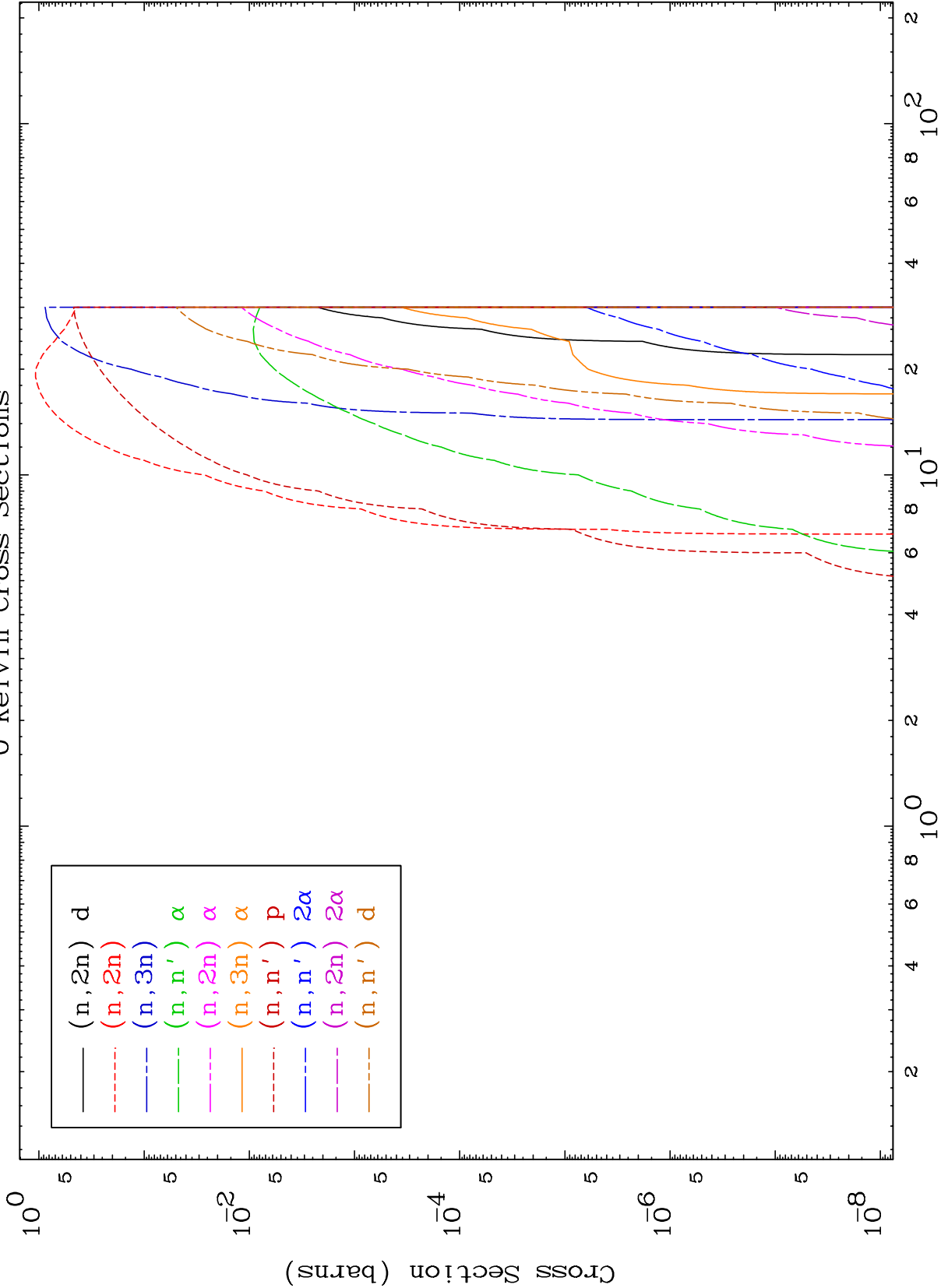
Tele: 925-443-1911

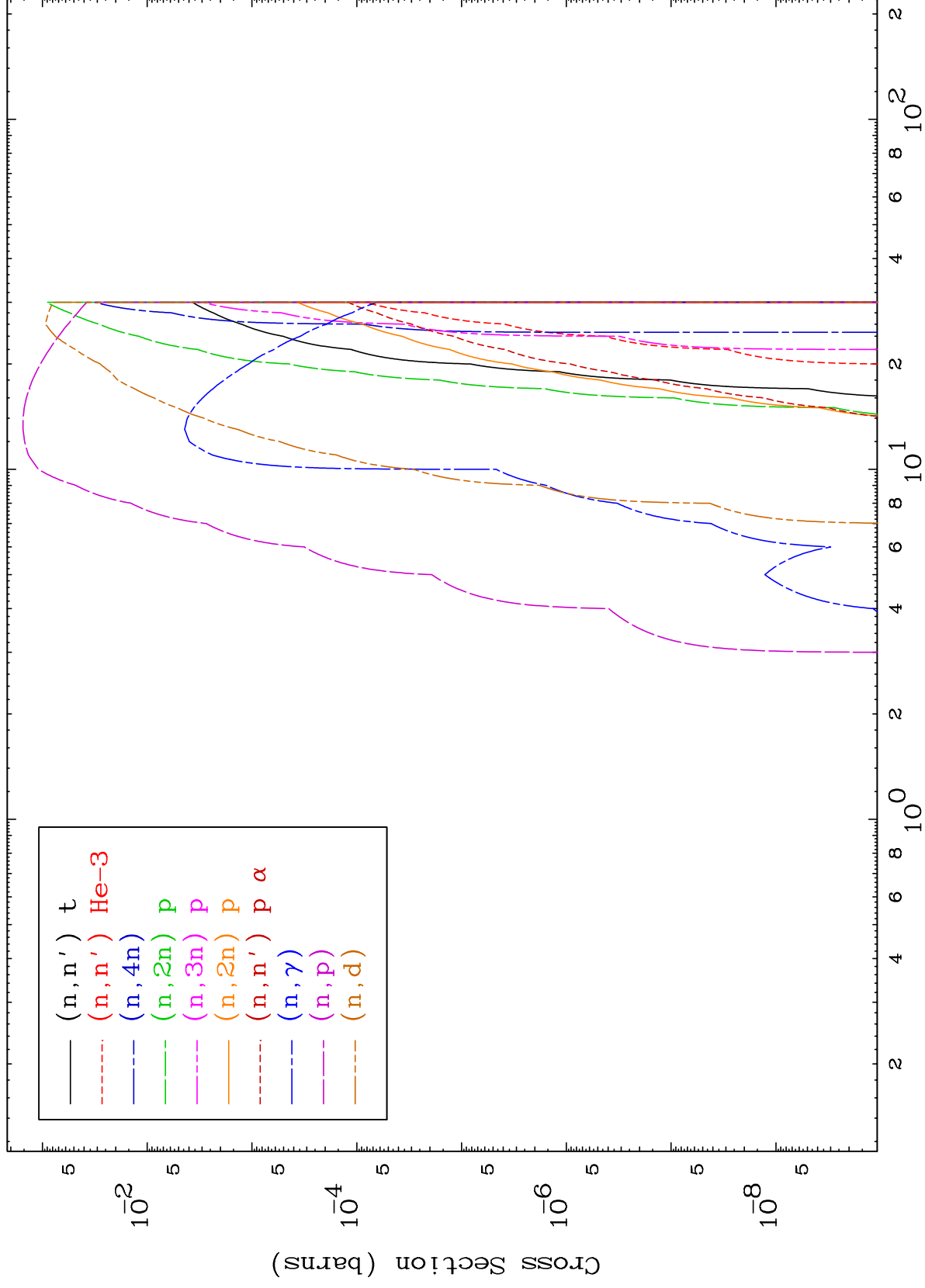
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

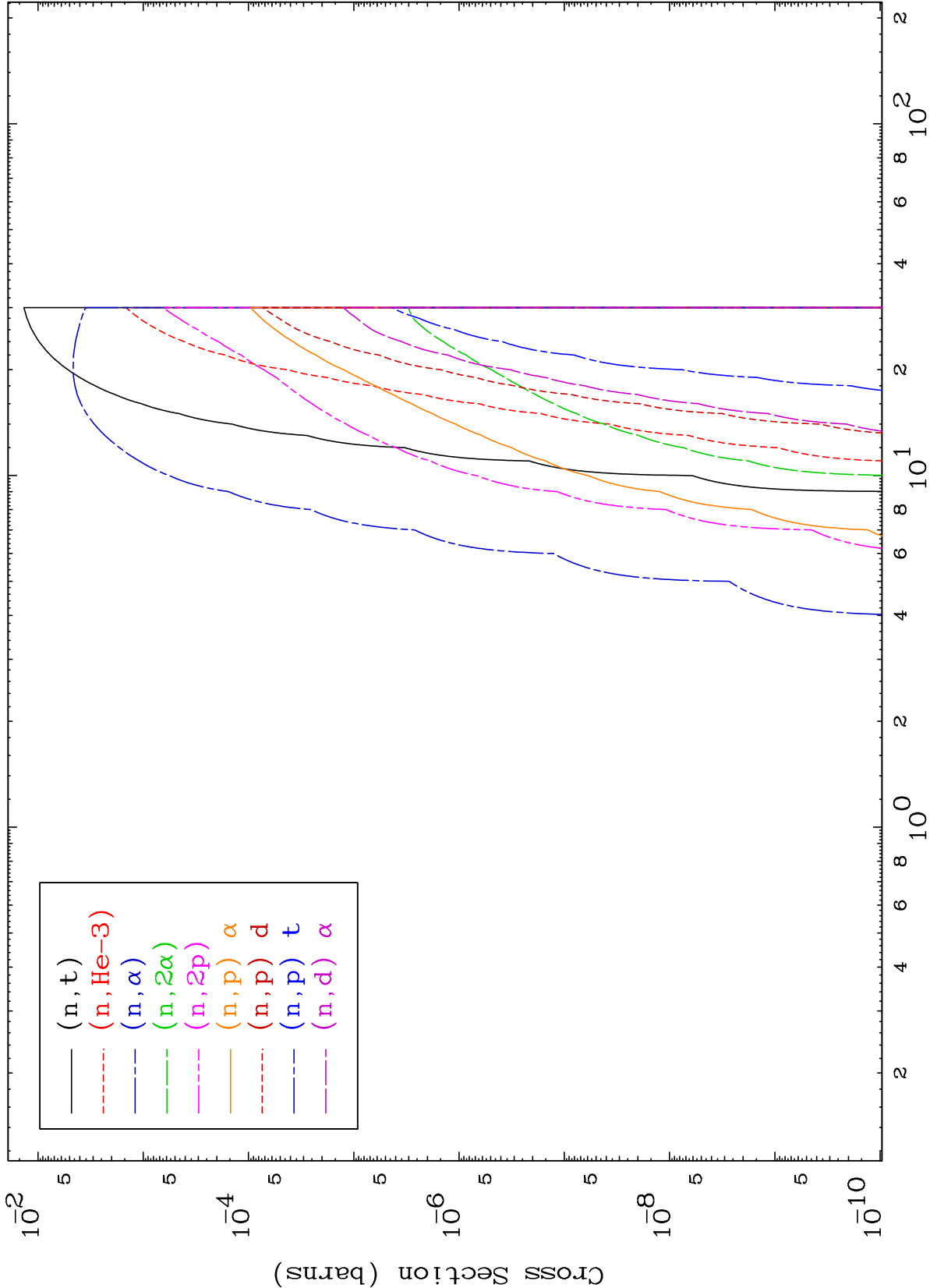
Press Mouse Button to Start

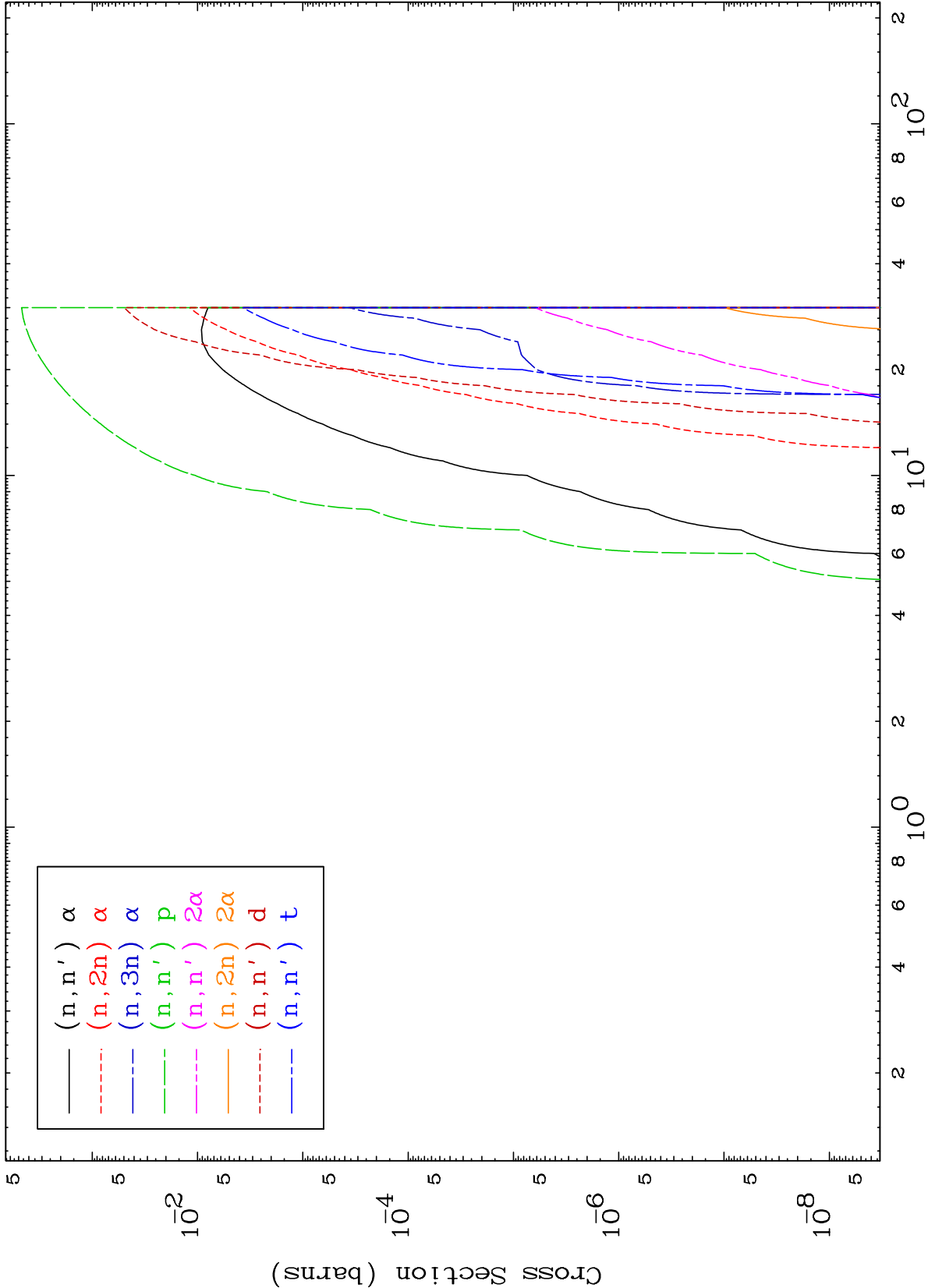
0 Kelvin Cross Sections

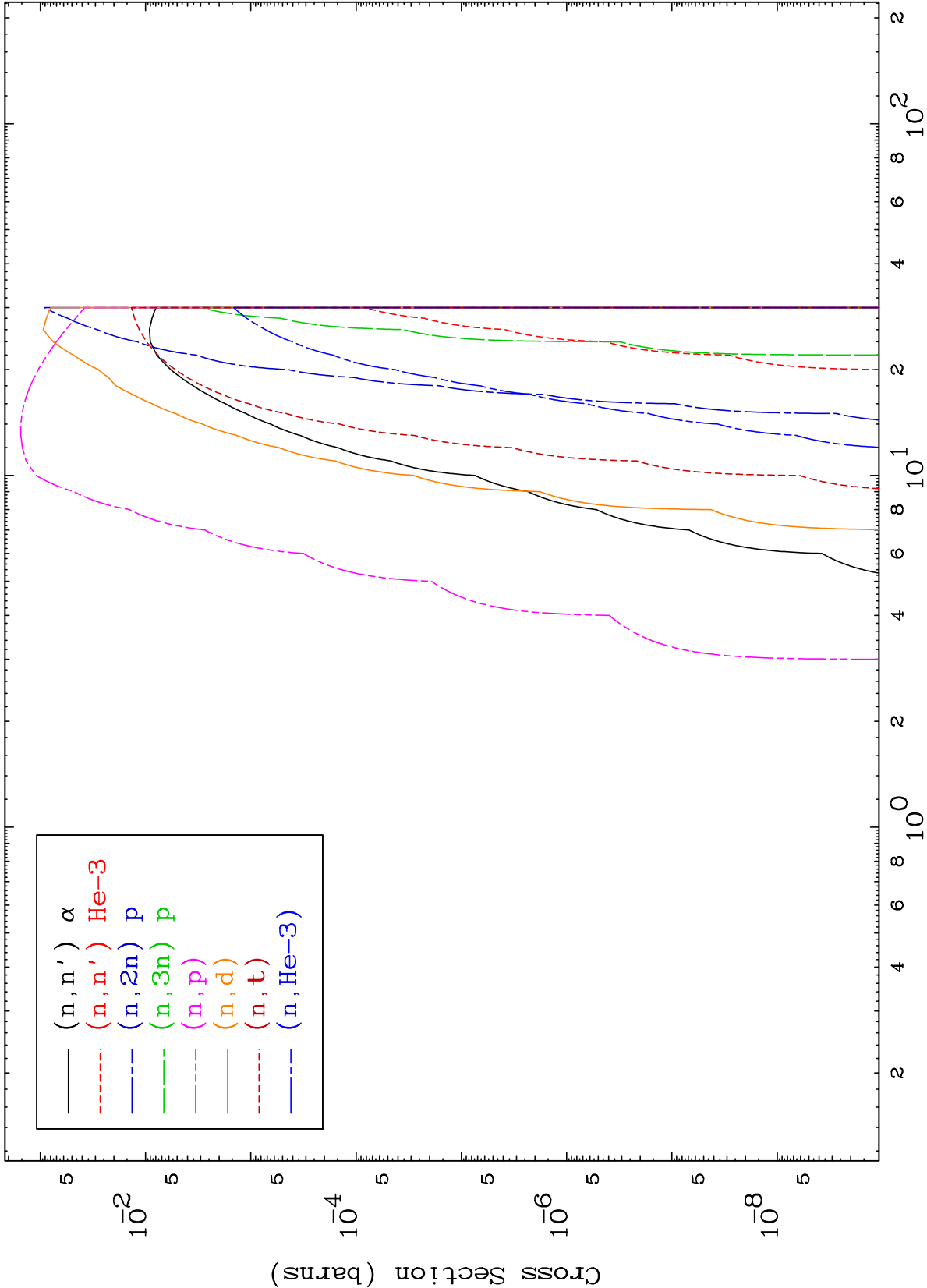


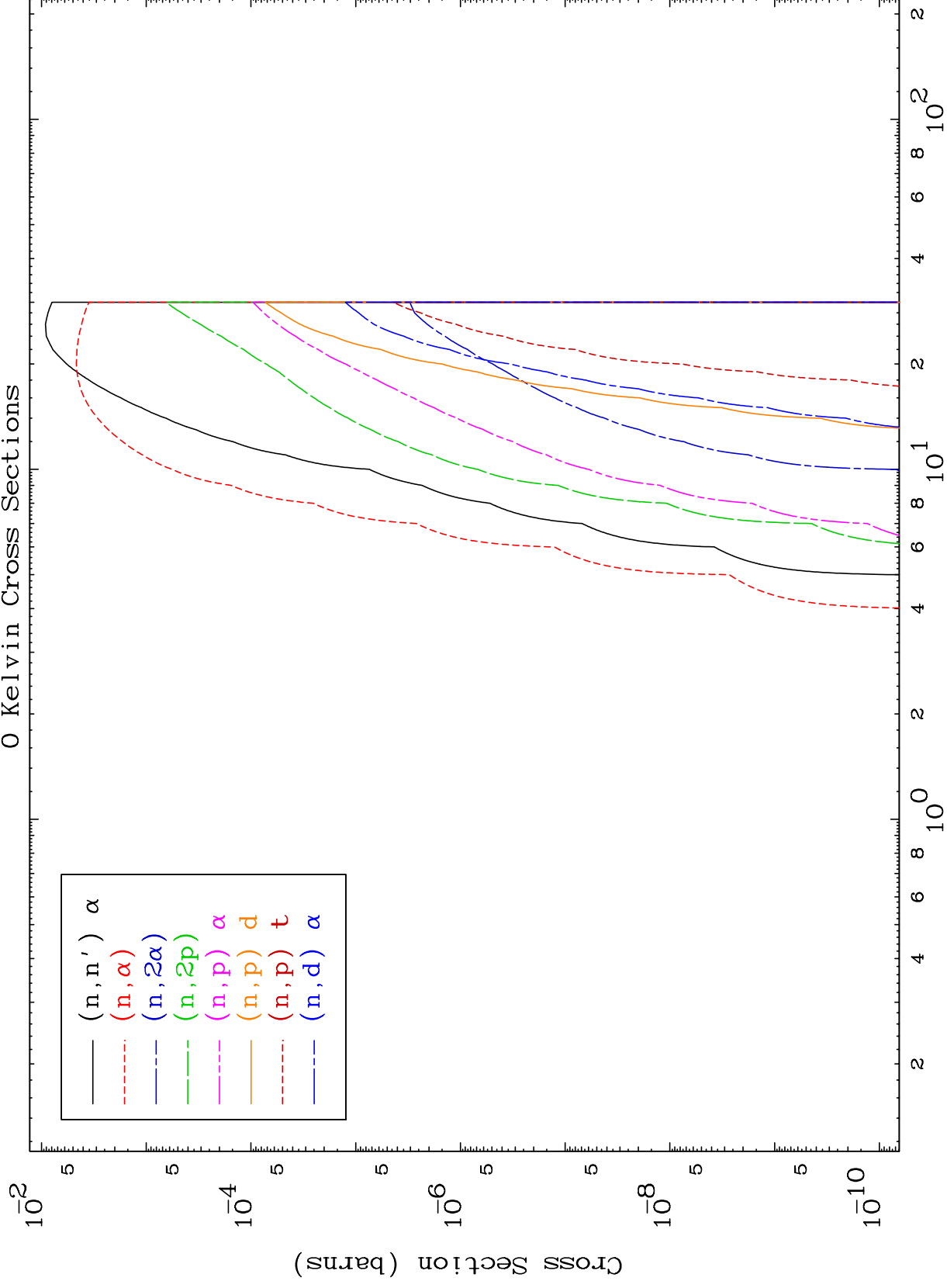








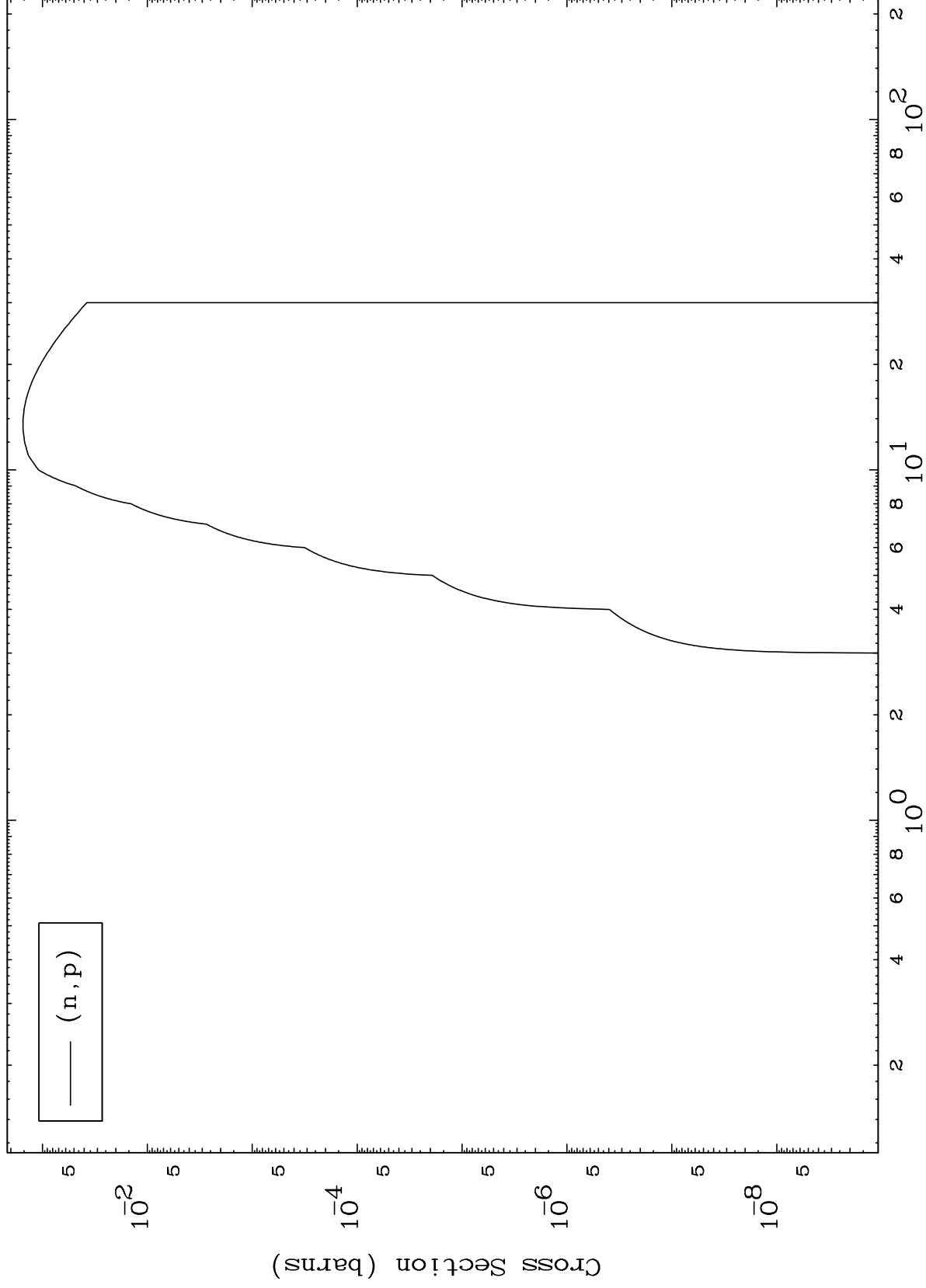




MAT 7902

79-Au-189m

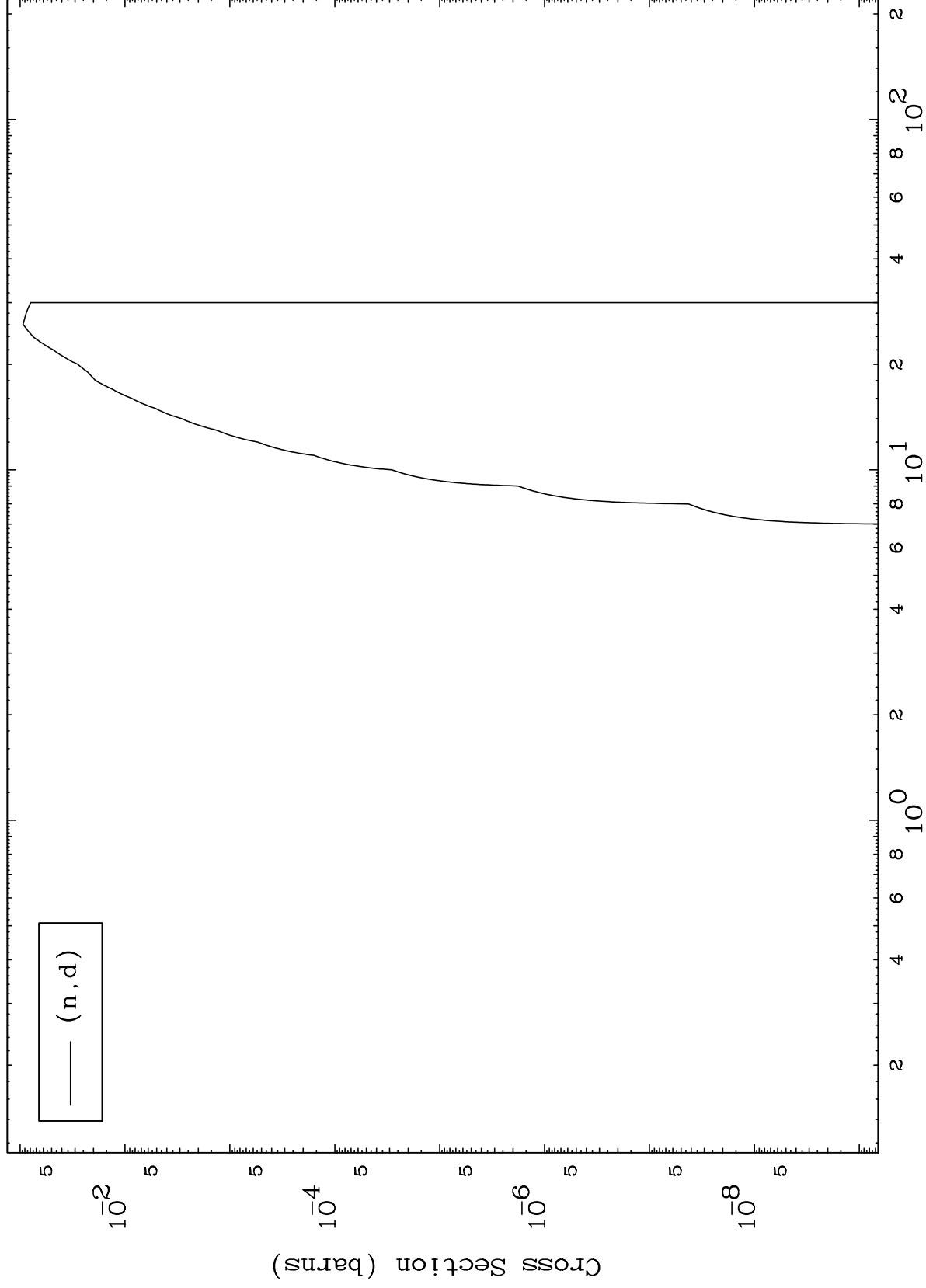
(d,p) Levels
0 Kelvin Cross Sections

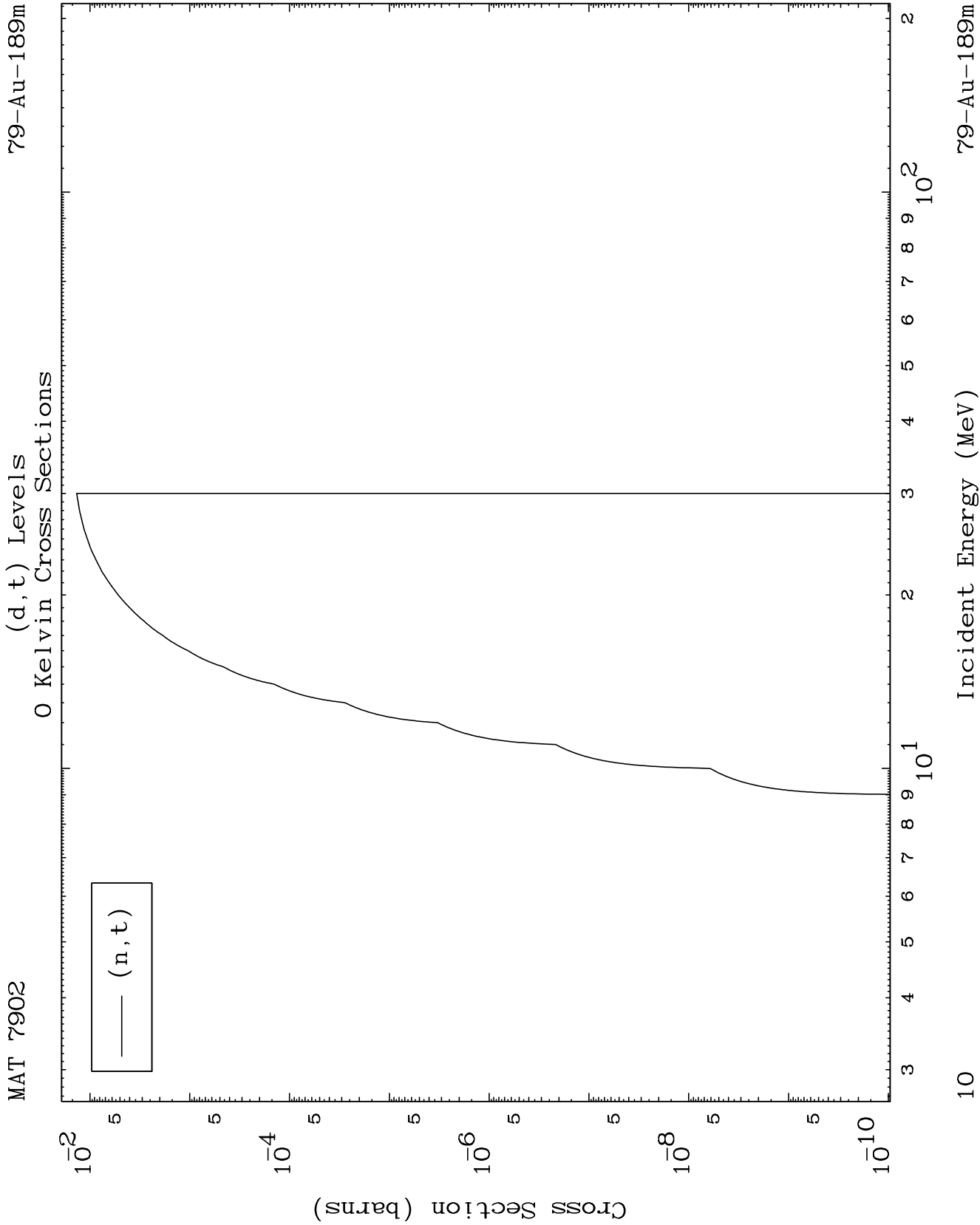


MAT 7902

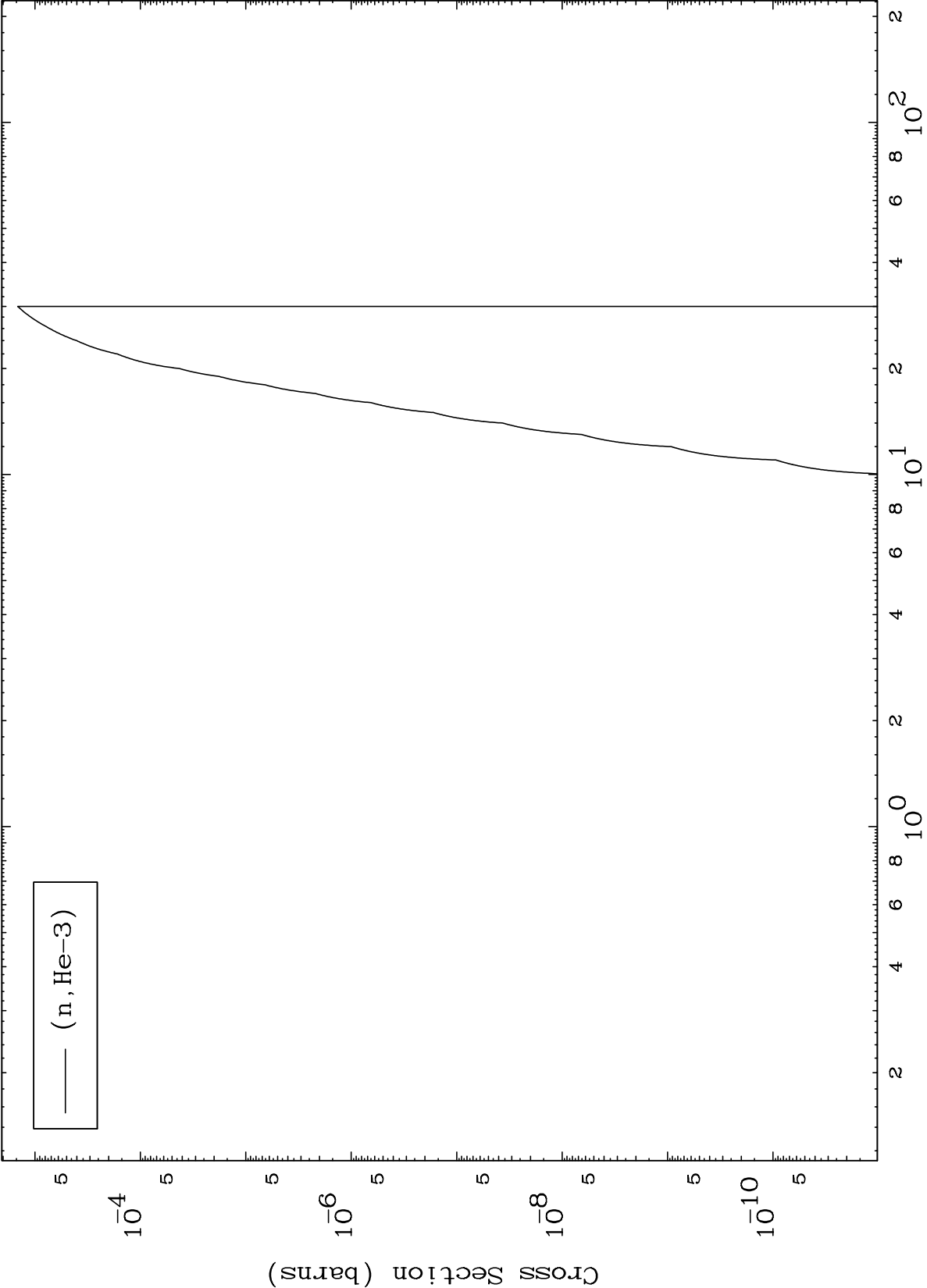
79-Au-189m

(d,d) Levels
0 Kelvin Cross Sections





0 Kelvin Cross Sections



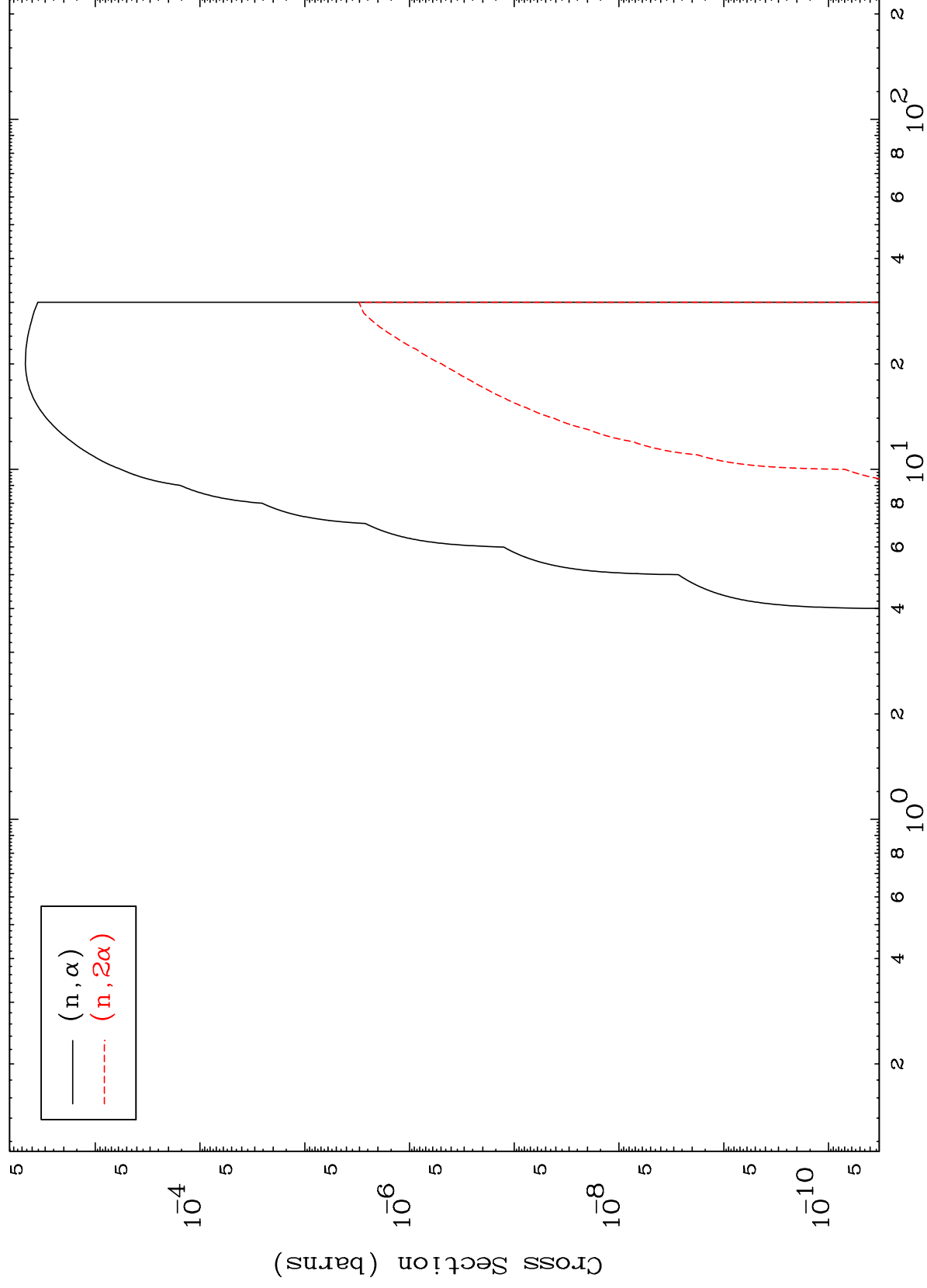
— (n, He-3)

MAT 7902

(d, α) Levels

$^{79}\text{Au-189m}$

0 Kelvin Cross Sections



12

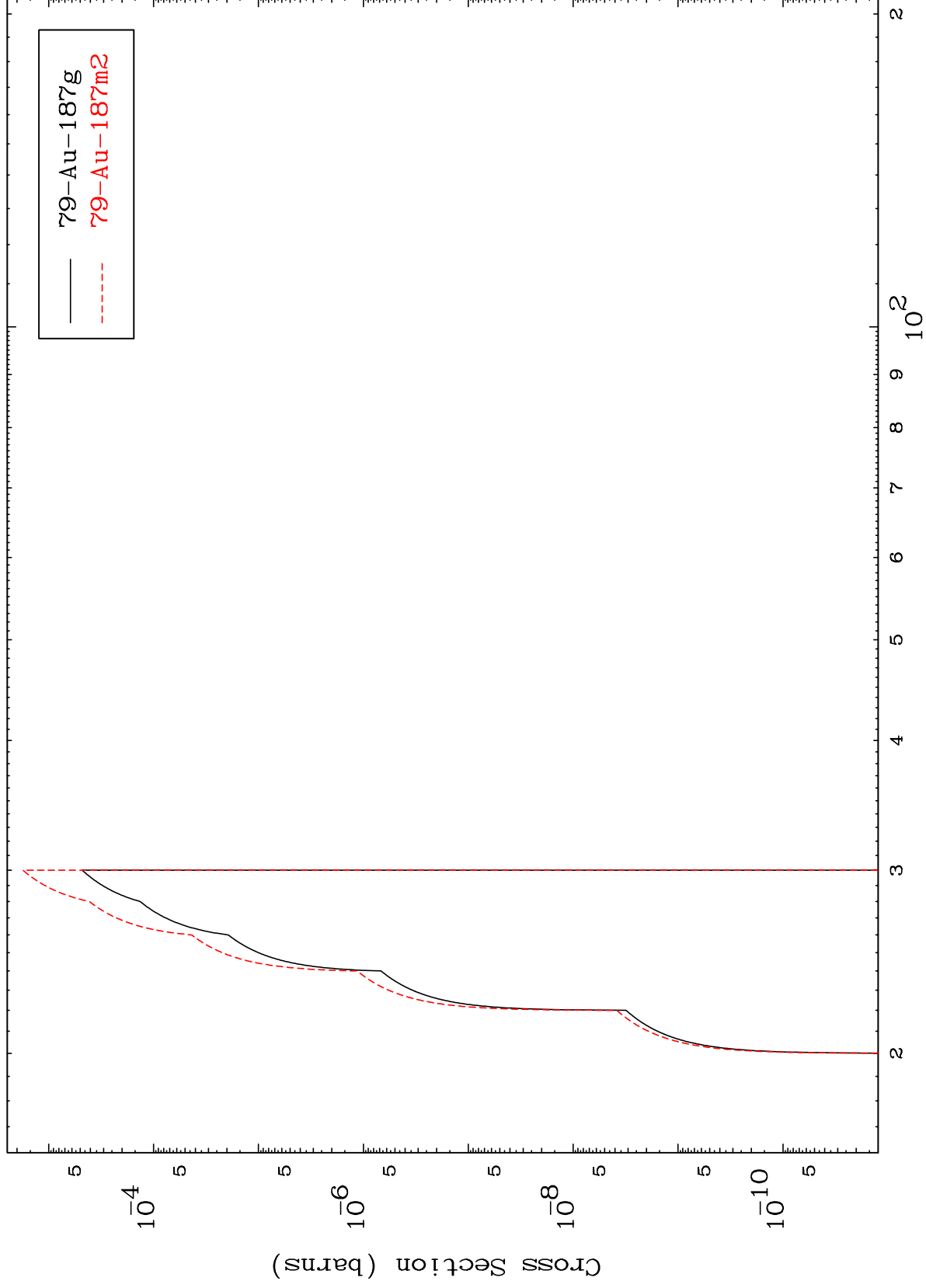
Incident Energy (MeV)

$^{79}\text{Au-189m}$

MAT 7902

⁷⁹Au-189m

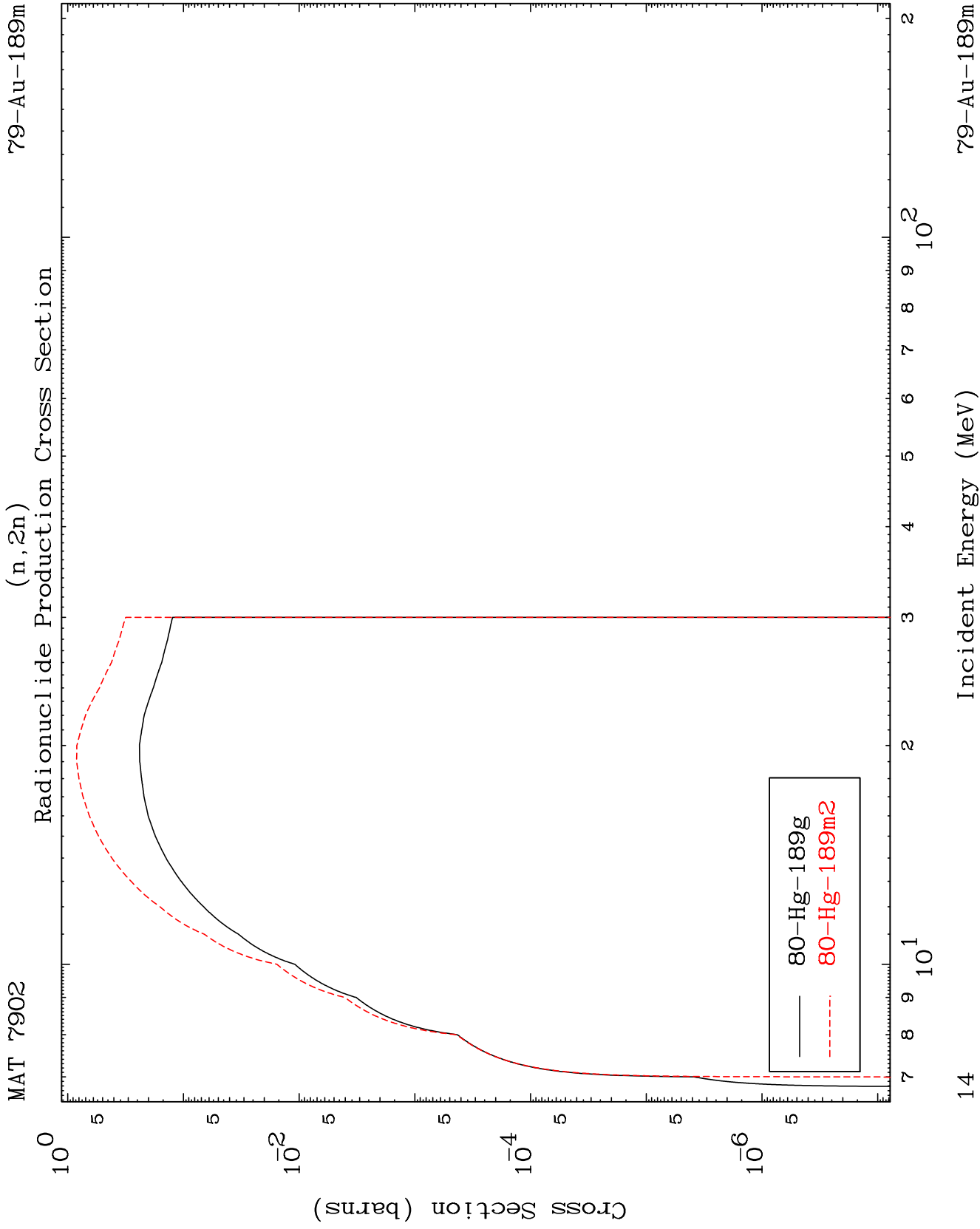
(n,2n) d
Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷⁹Au-189m

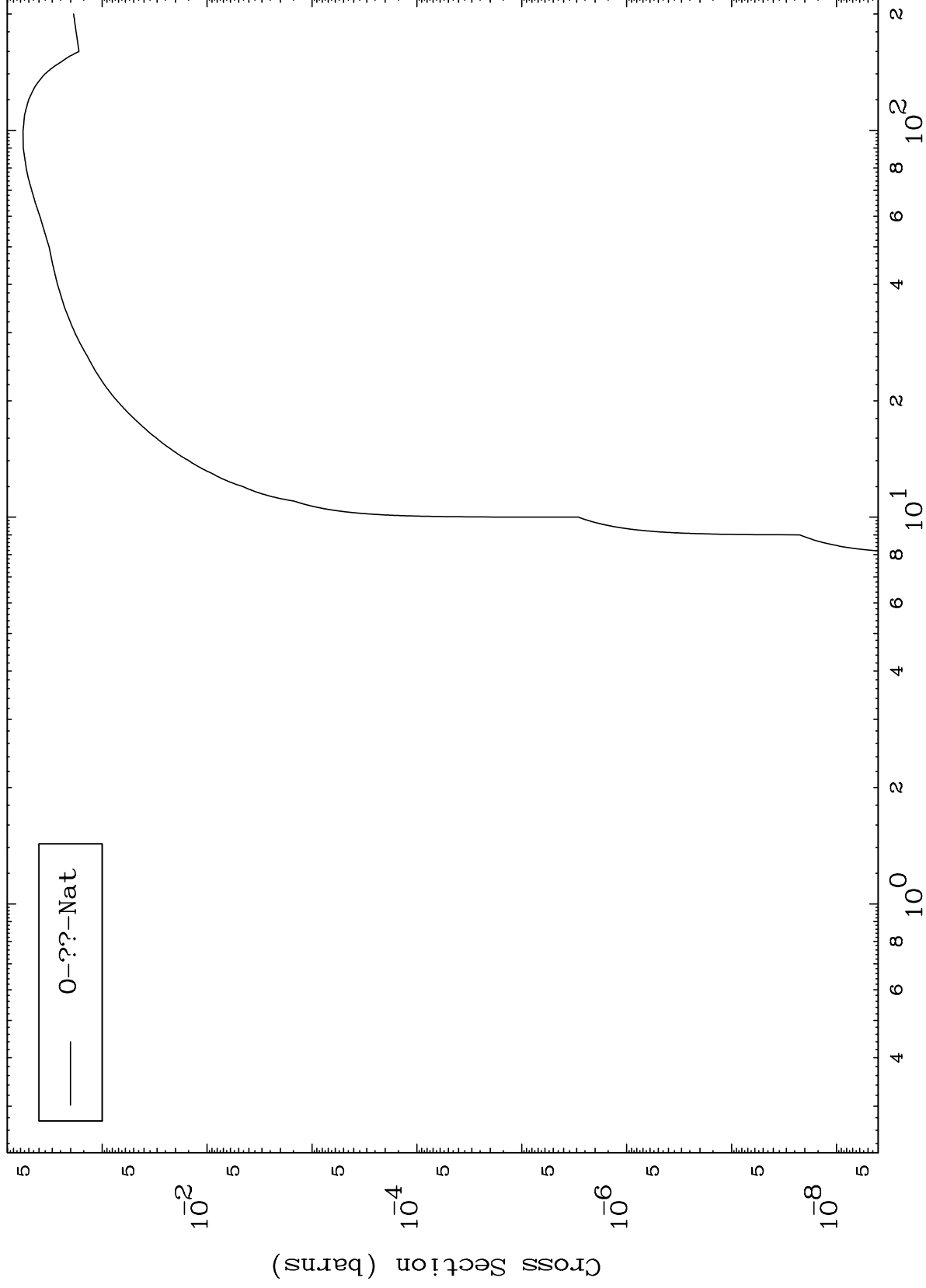


MAT 7902

Fission

⁷⁹Au-189m

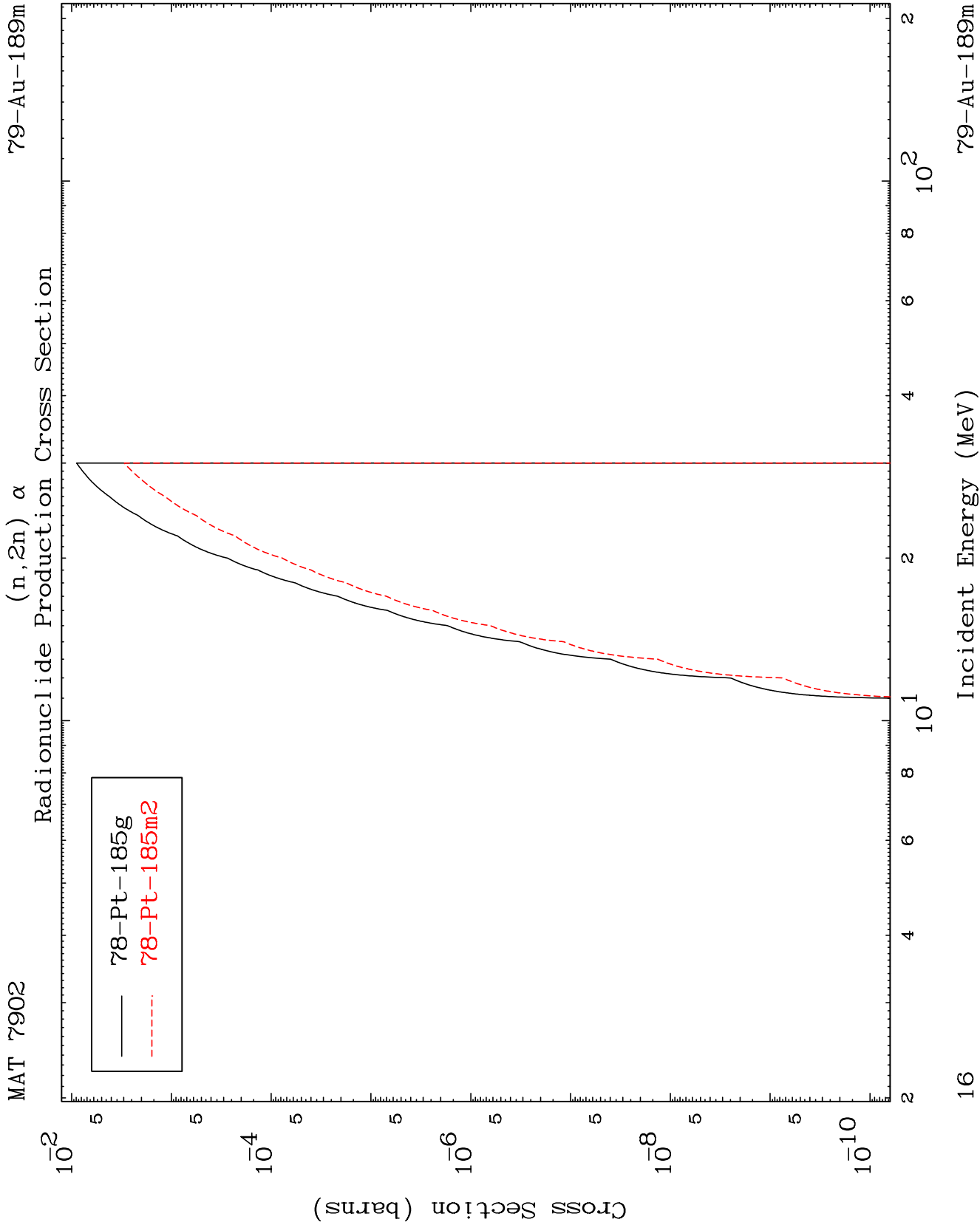
Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷⁹Au-189m

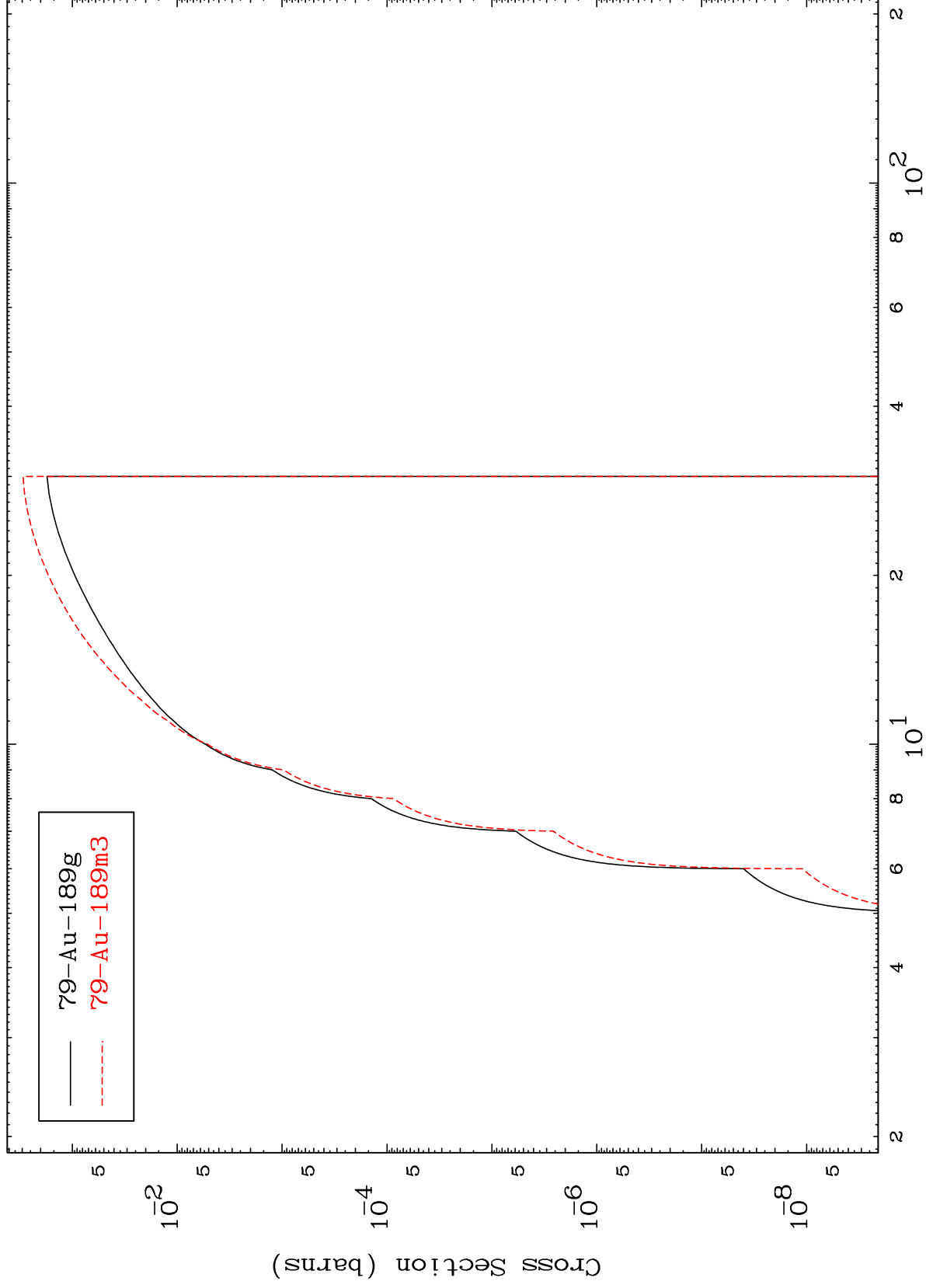


MAT 7902

⁷⁹Au-189m

Radionuclide Production Cross Section

(n,n') p



17

Incident Energy (MeV)

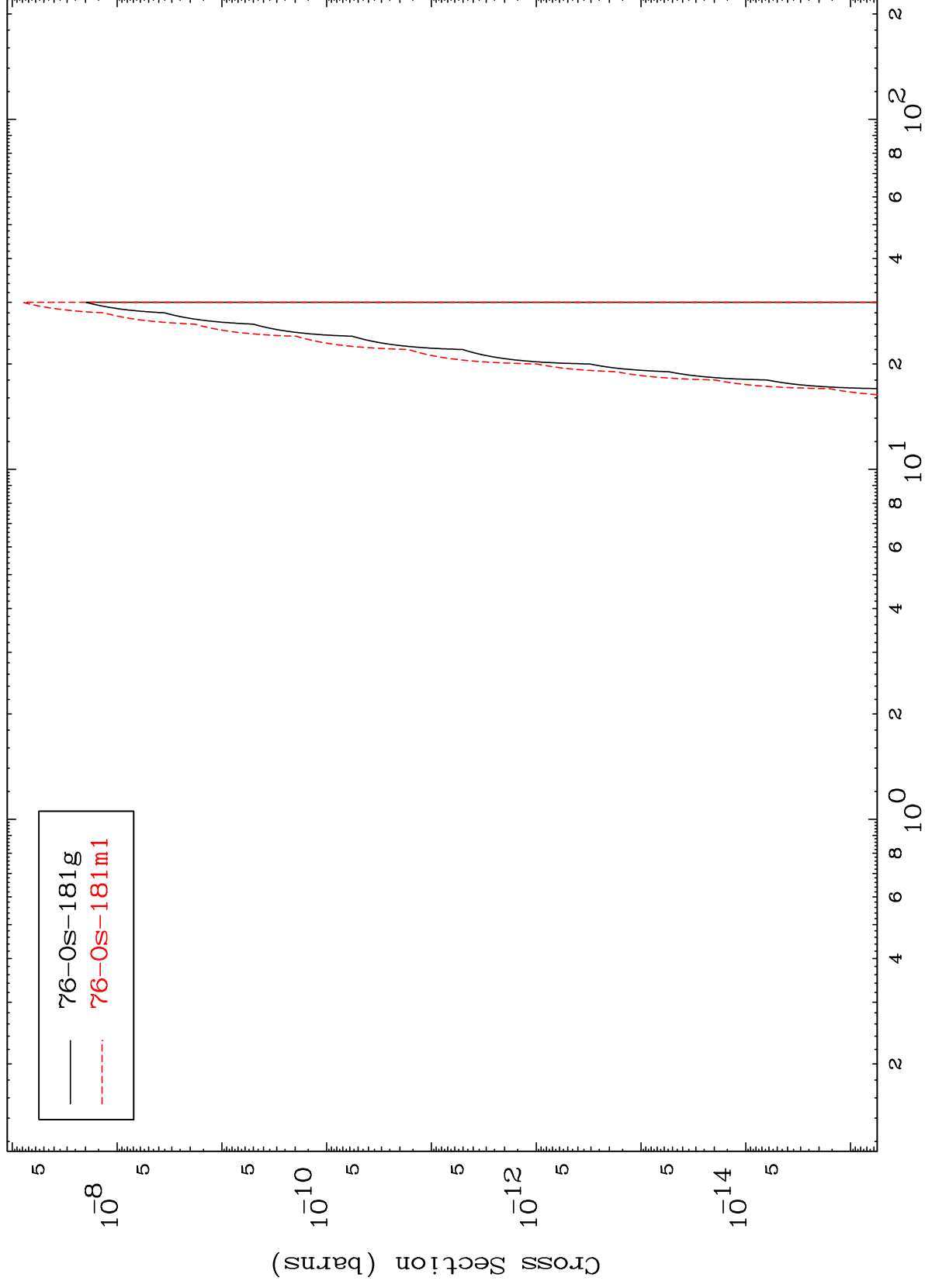
⁷⁹Au-189m

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(n,2n) 2α

⁷⁹Au-189m

Radionuclide Production Cross Section



18

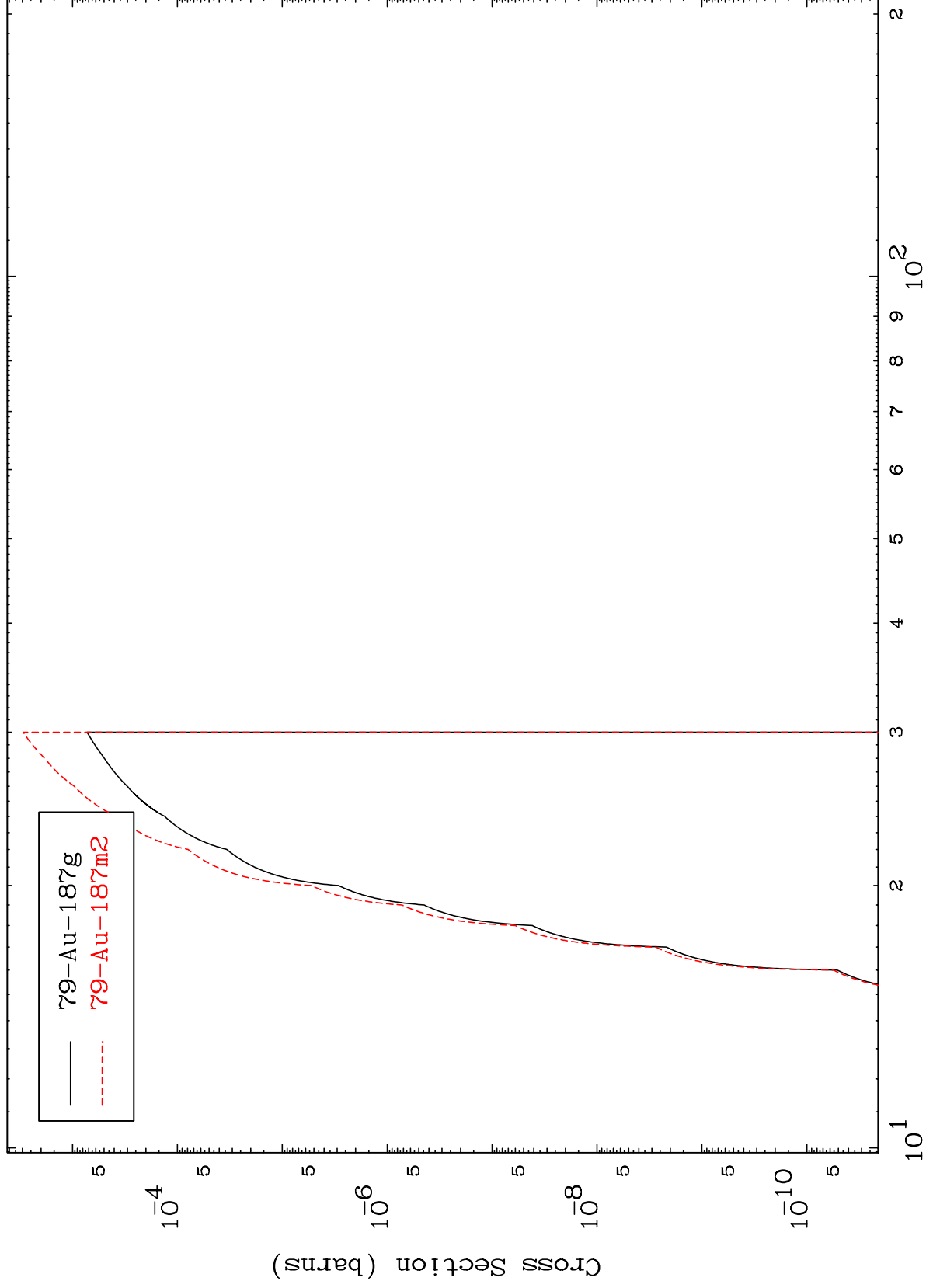
Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

$^{79}\text{Au-189m}$

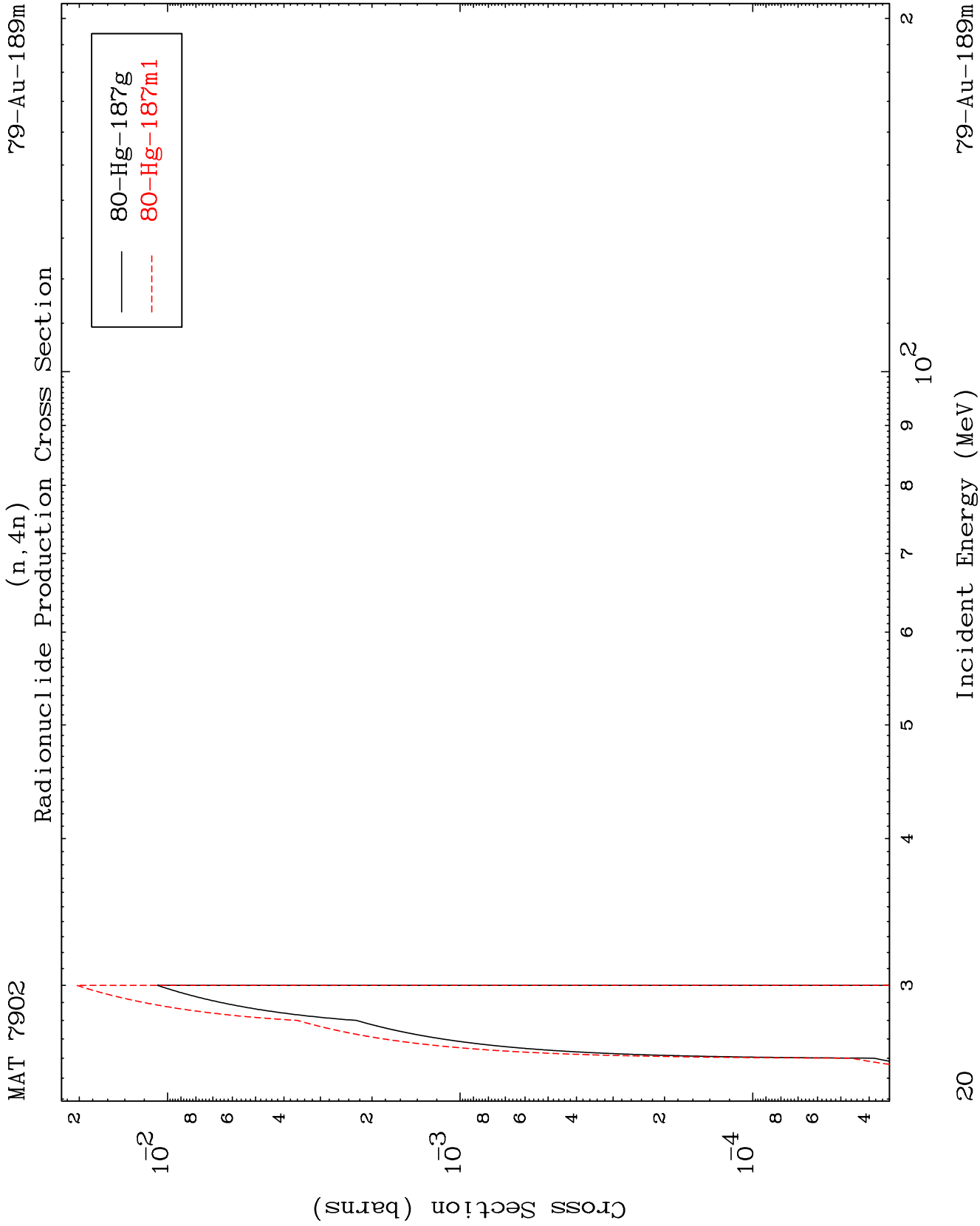
$(n,n')\ t$
Radionuclide Production Cross Section



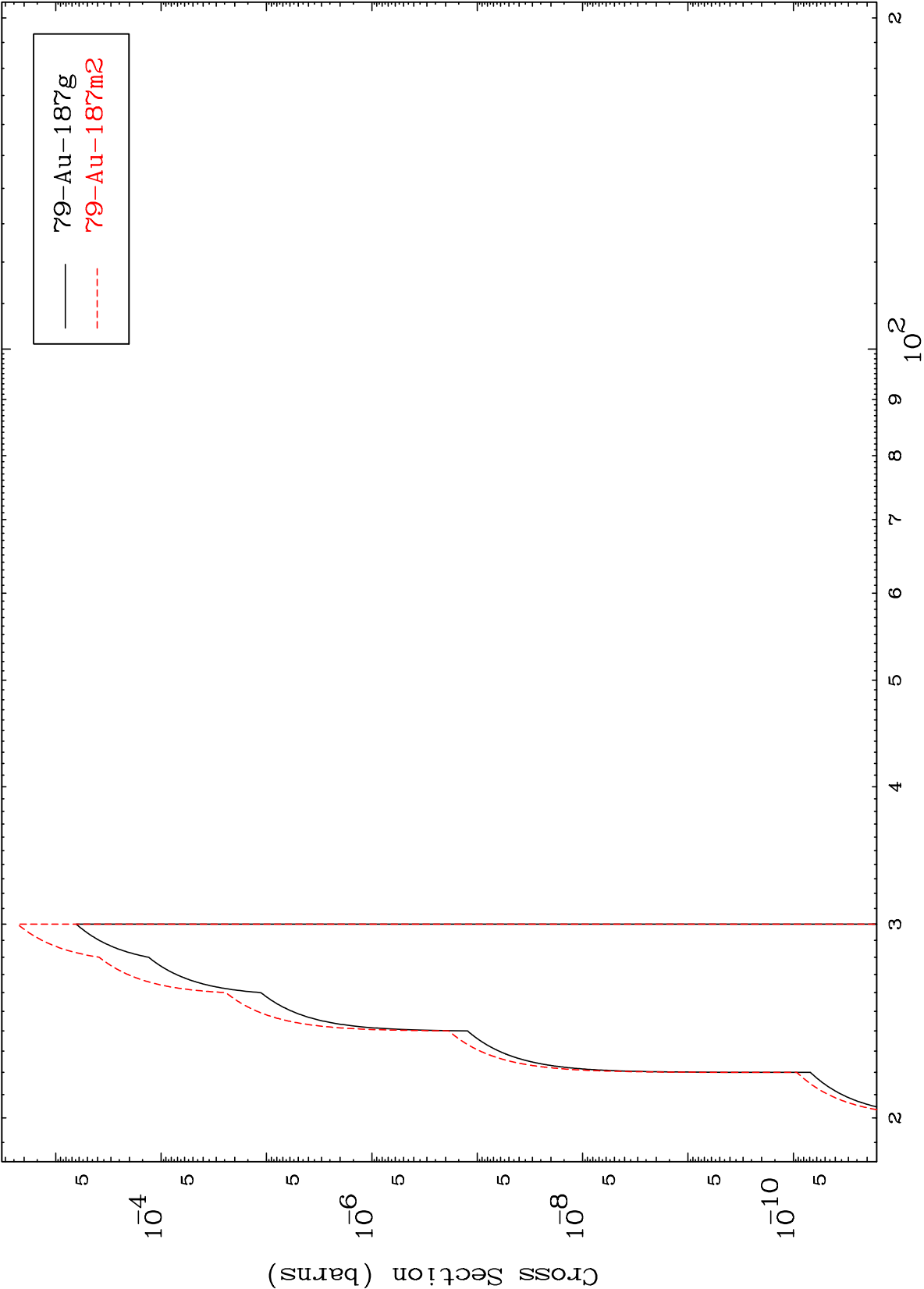
$^{79}\text{Au-189m}$

Incident Energy (MeV)

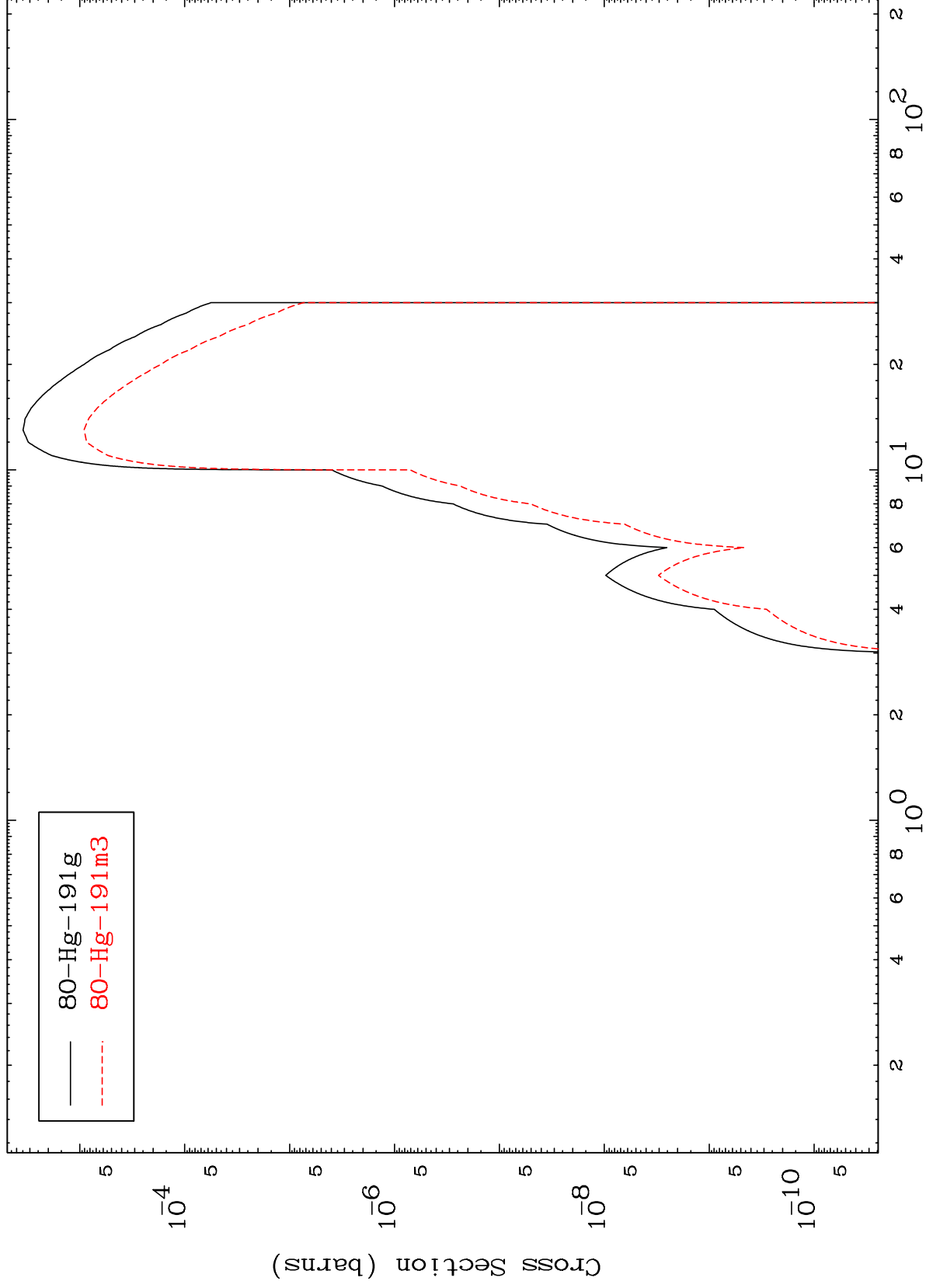
19



(n,3n) p
Radionuclide Production Cross Section



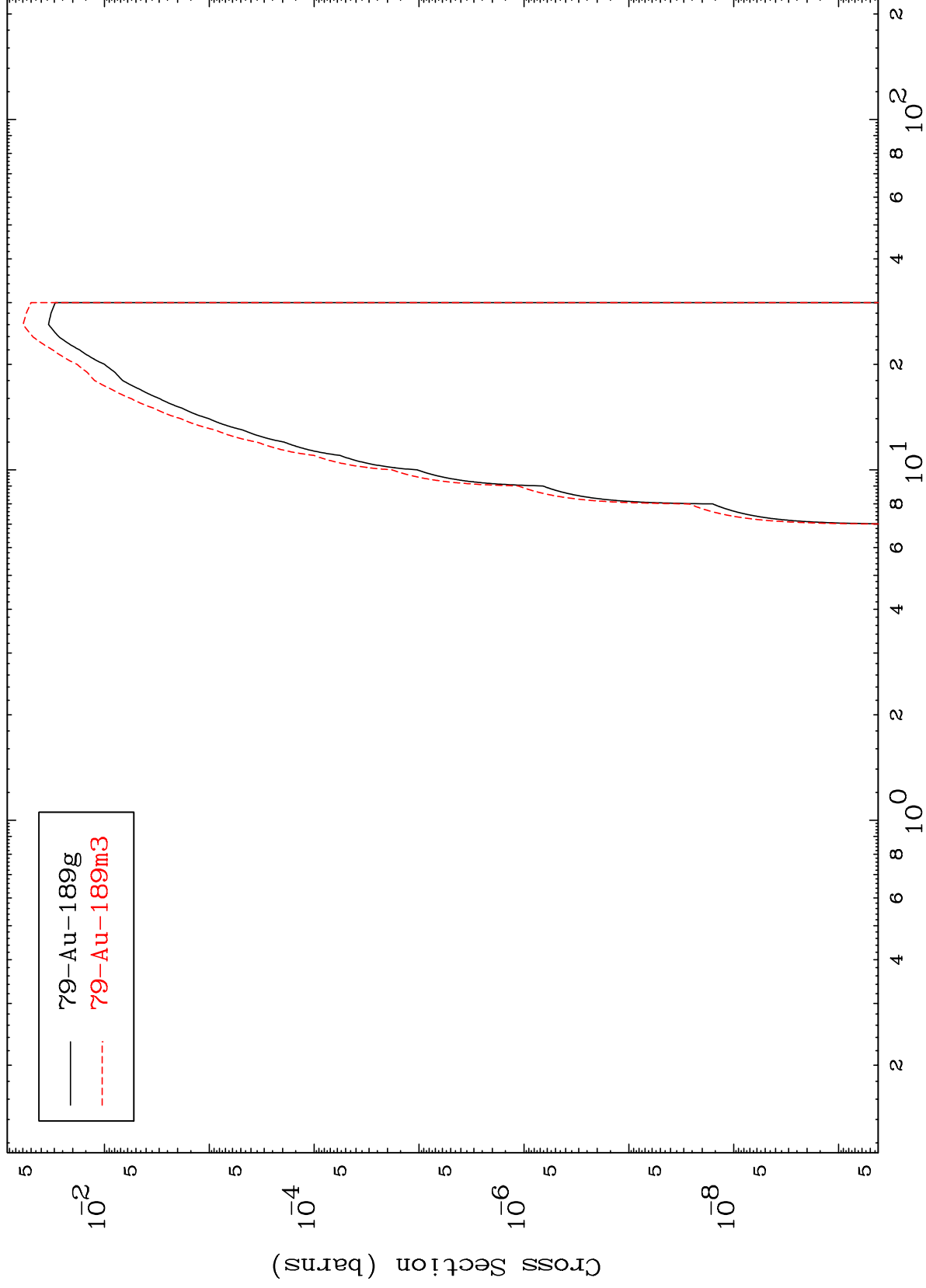
Radionuclide Production Cross Section
(n, γ)



MAT 7902

⁷⁹Au-189m

Radionuclide Production Cross Section (n,d)



23

Incident Energy (MeV)

⁷⁹Au-189m

Radionuclide Production Cross Section
(n,2α)

