

Program EVALPLOT
(Version 2021-1)

by

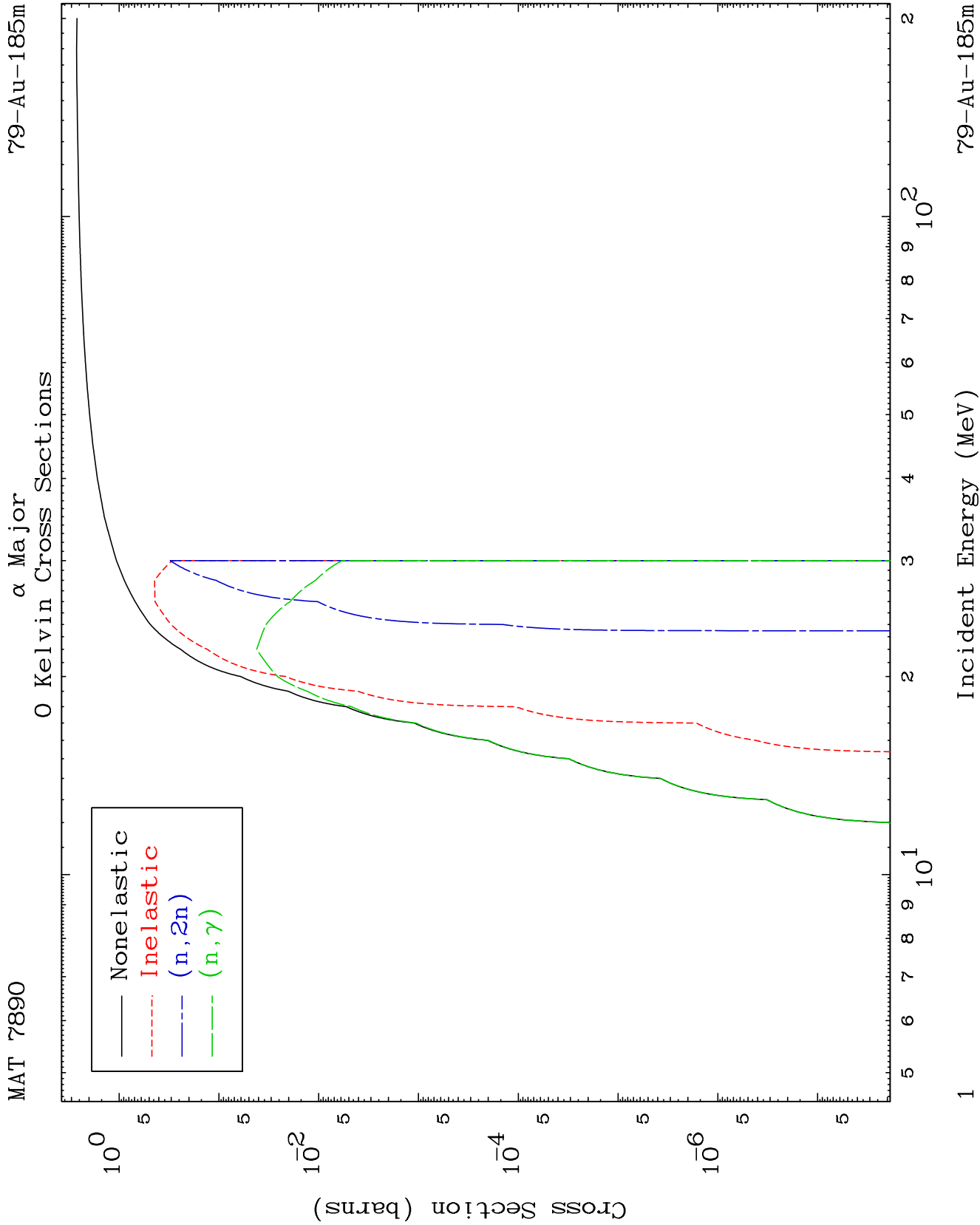
Dermott E. Cullen
(Present Contact Information)

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

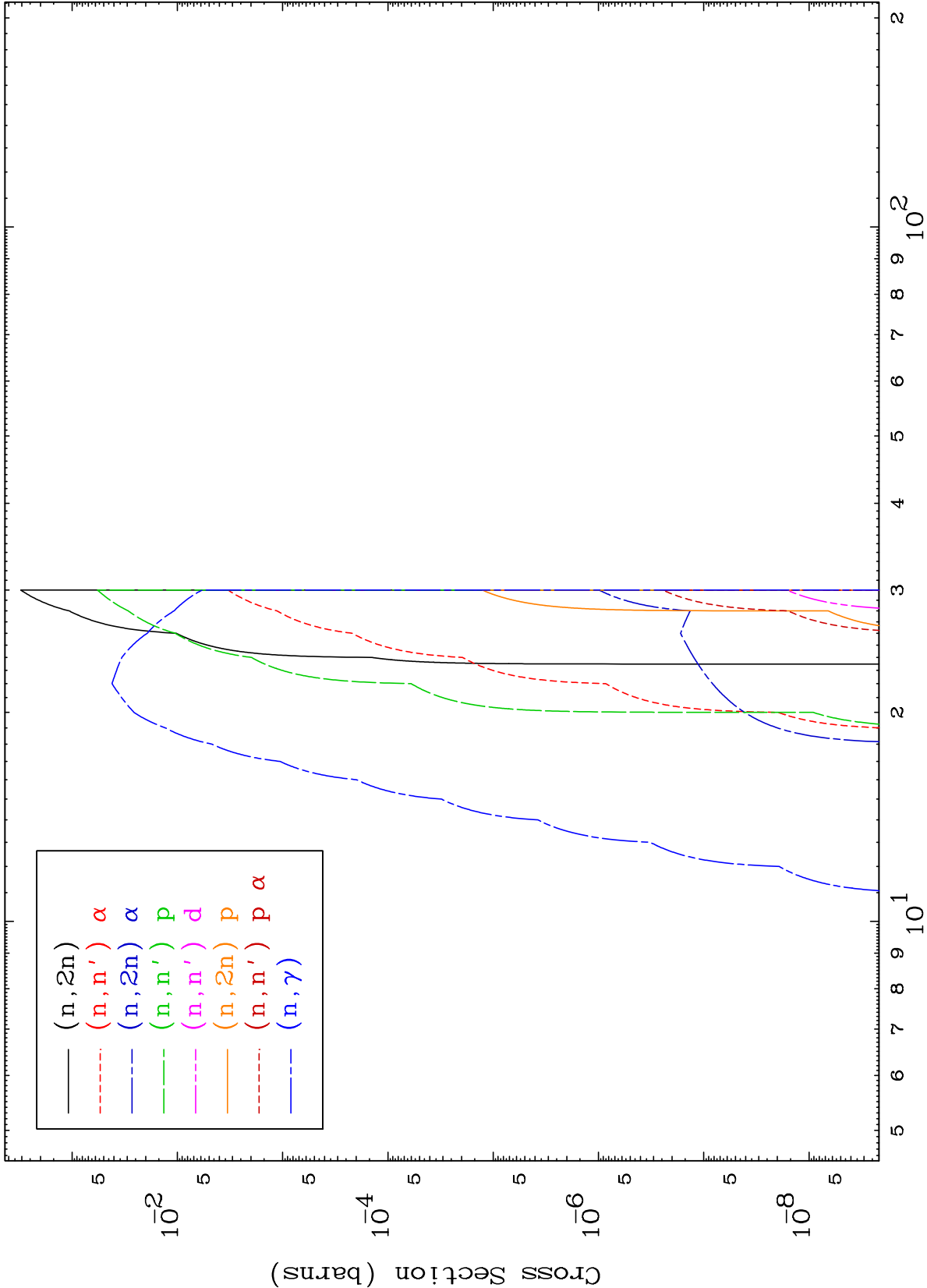
Press Mouse Button to Start



MAT 7890

α Neutron Absorption
0 Kelvin Cross Sections

^{79}Au -185m



2

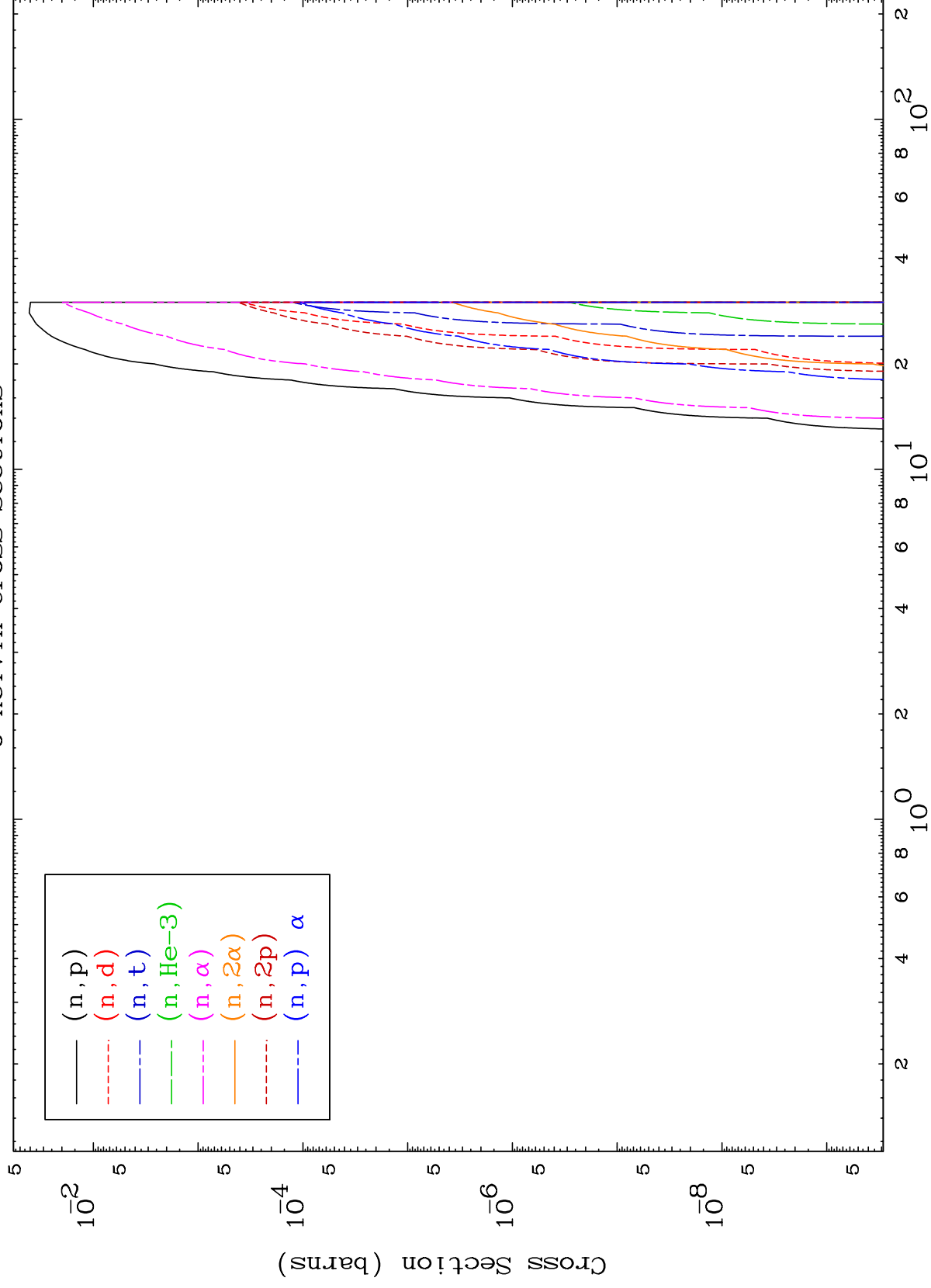
Incident Energy (MeV)

^{79}Au -185m

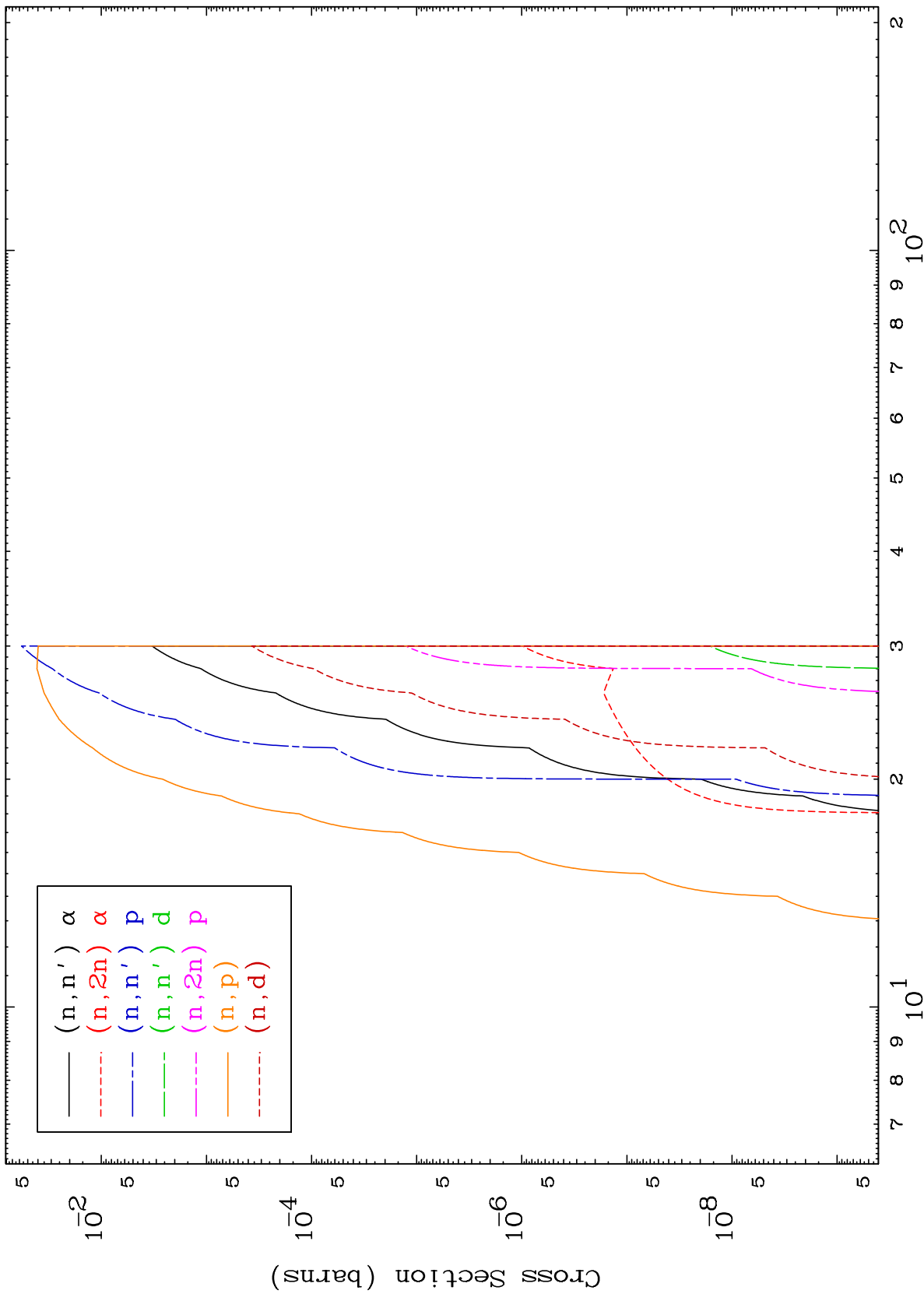
MAT 7890

α Neutron Absorption
0 Kelvin Cross Sections

$^{79}\text{Au-185m}$

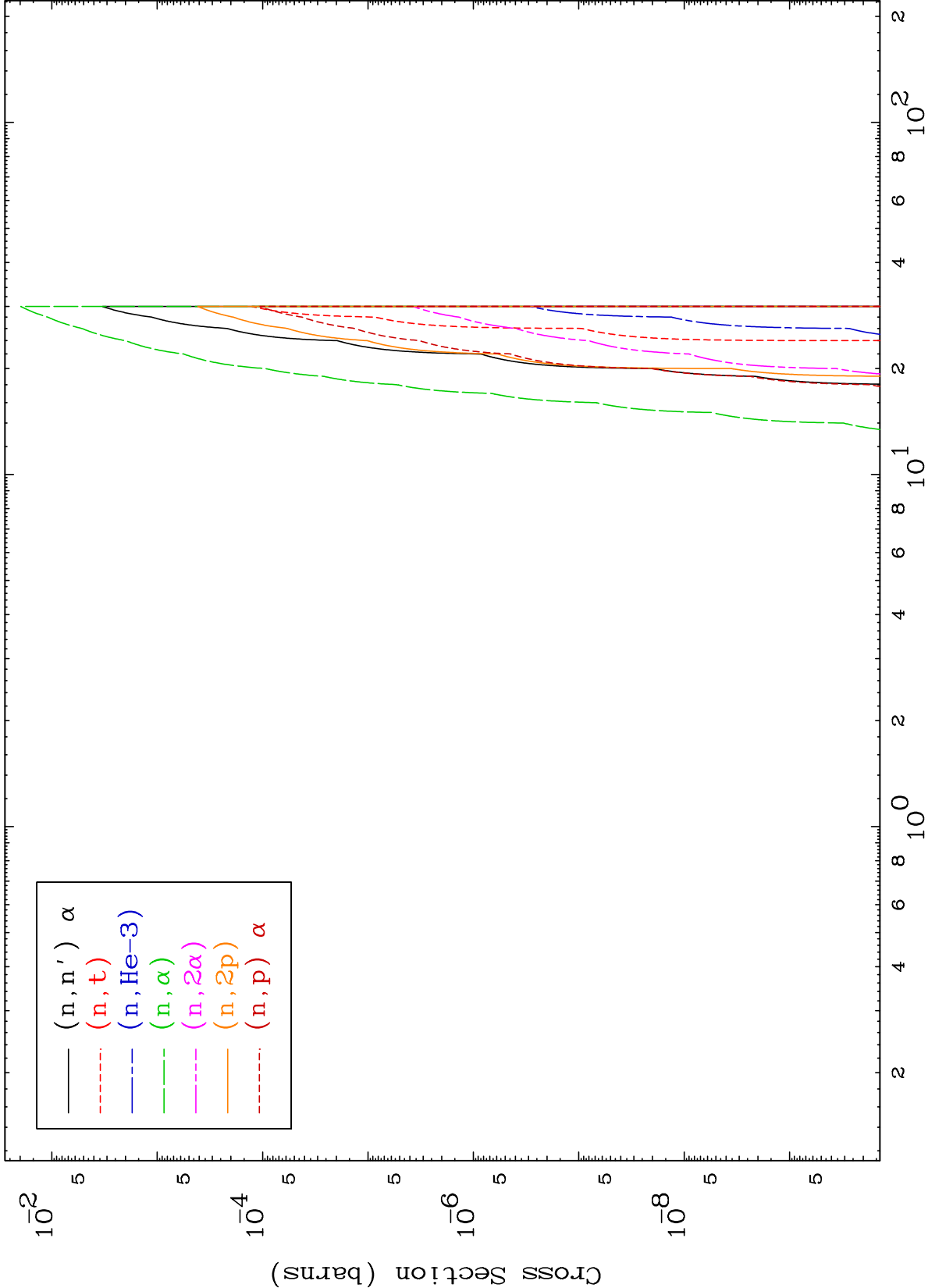


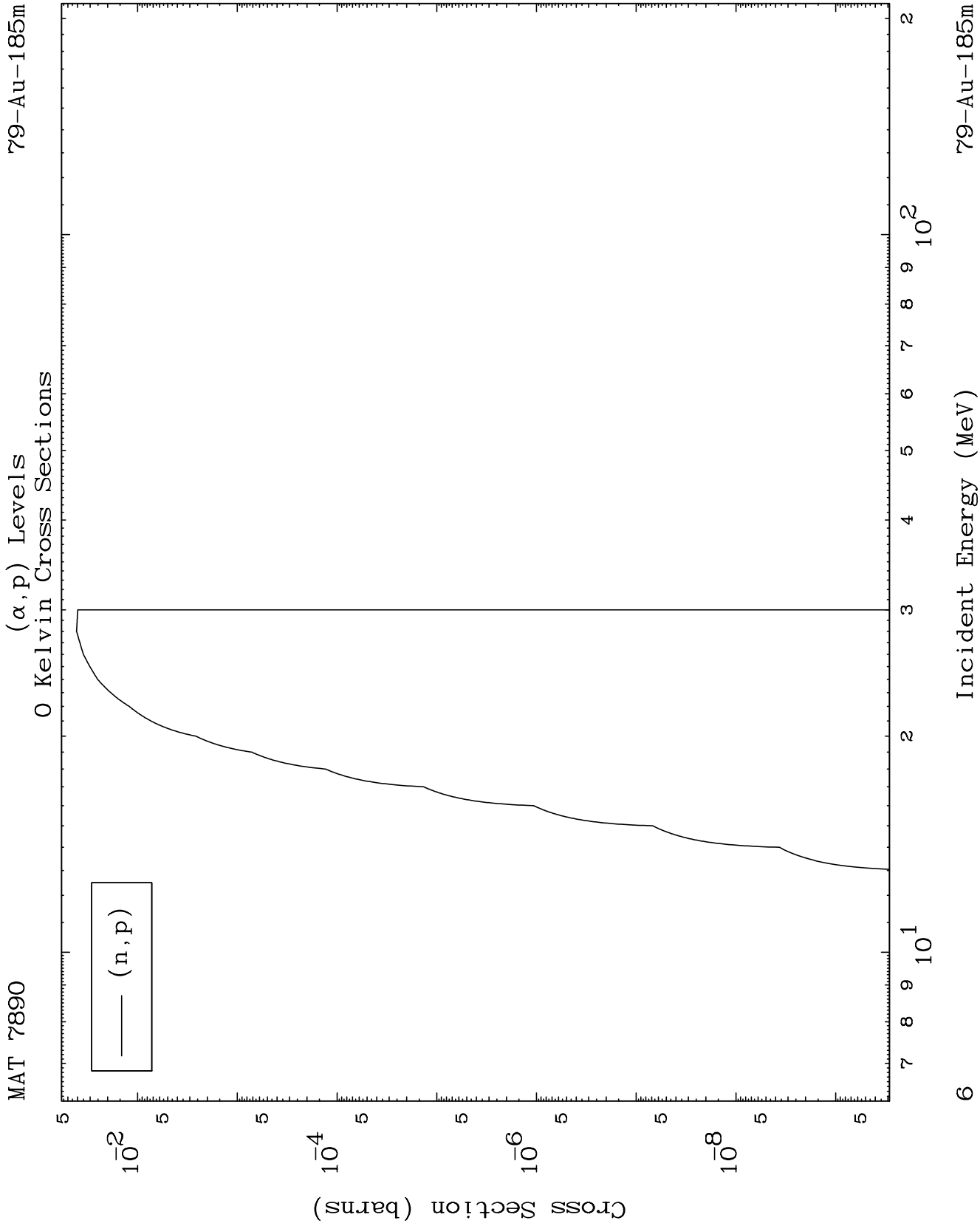
0 Kelvin Cross Sections

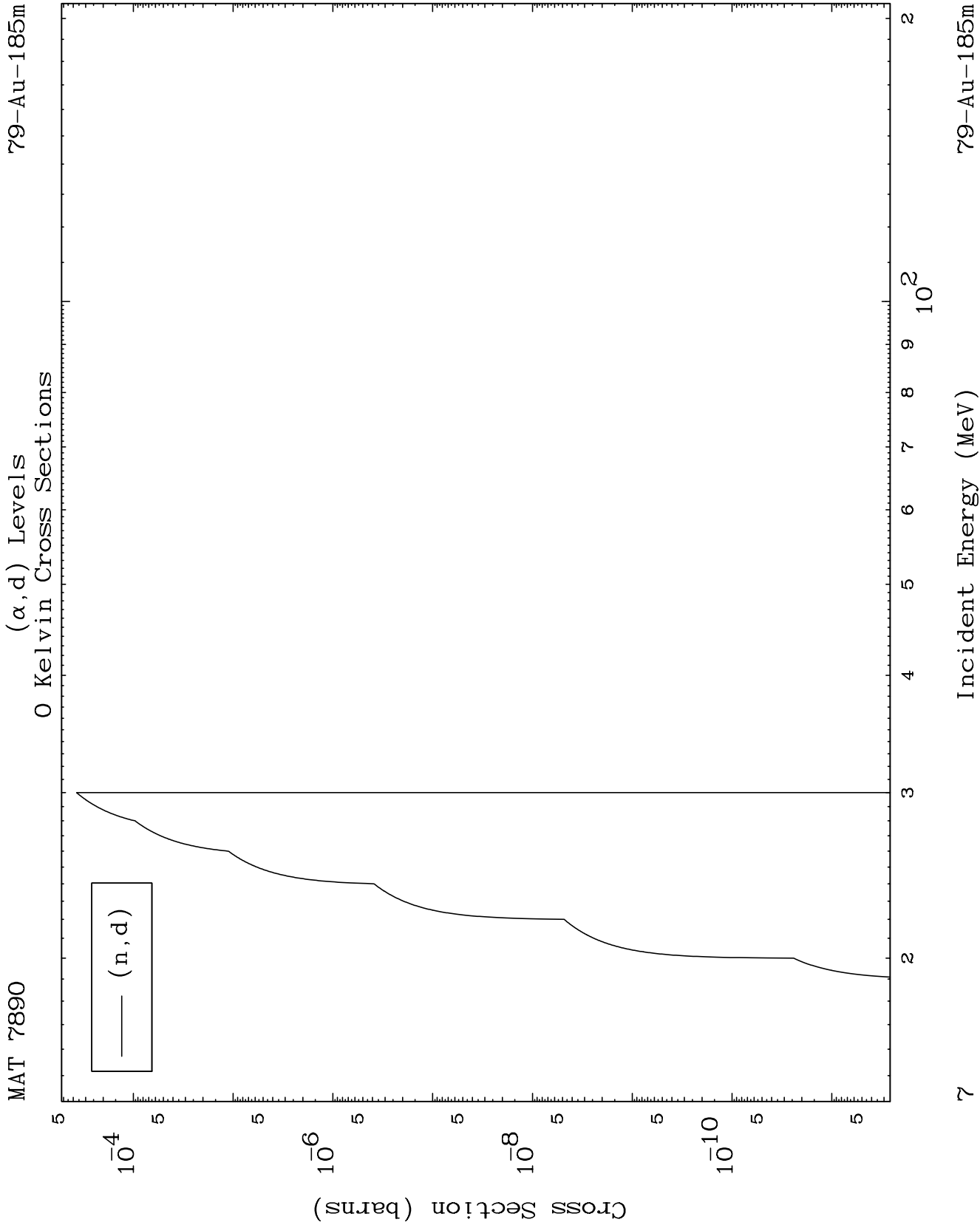


Incident Energy (MeV)

0 Kelvin Cross Sections





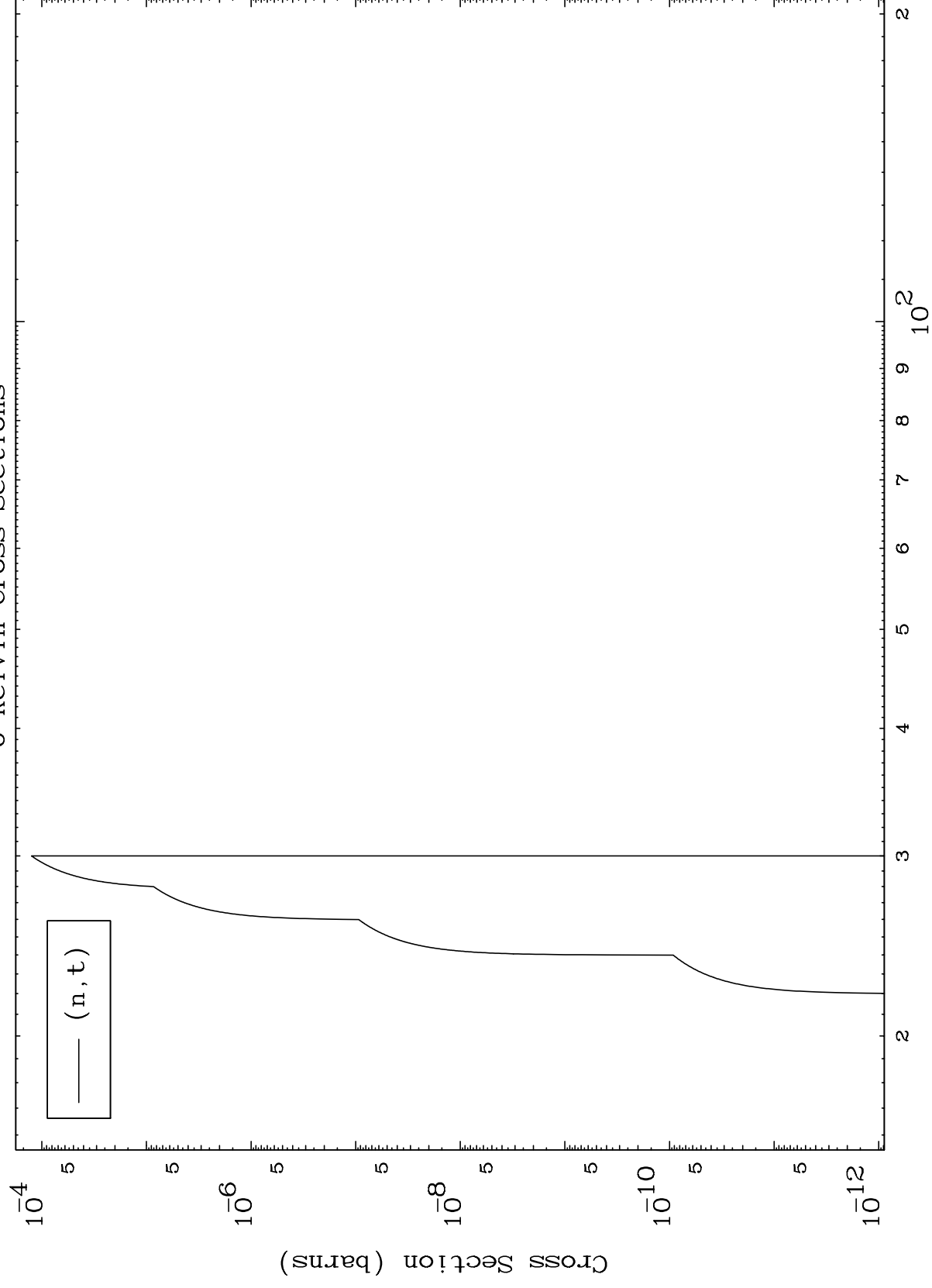


MAT 7890

 (α, t) Levels

(α, t) Levels
0 Kelvin Cross Sections

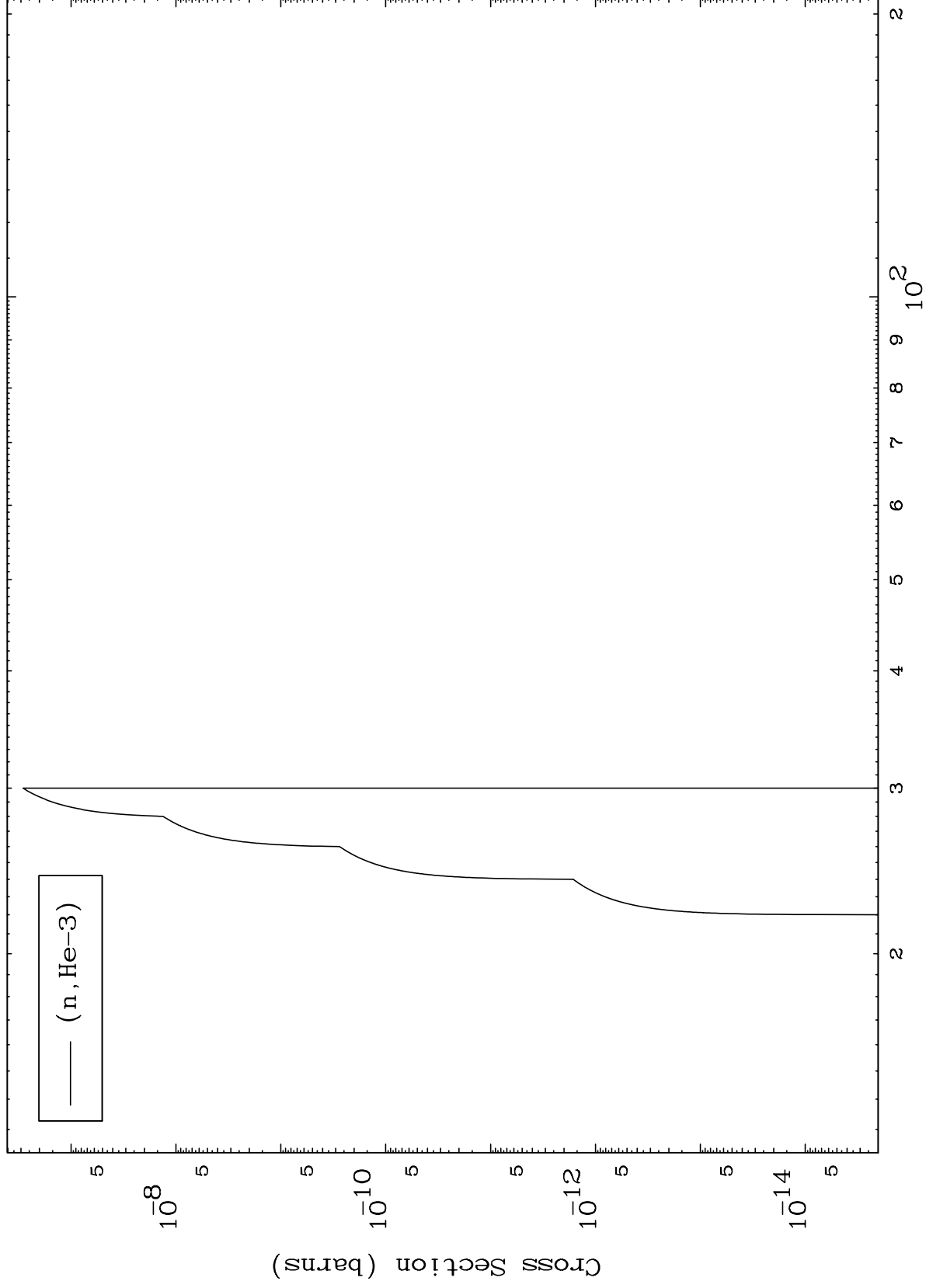
79-Au-185m



Incident Energy (MeV)

79-Au-185m

(α ,He3) Levels
0 Kelvin Cross Sections

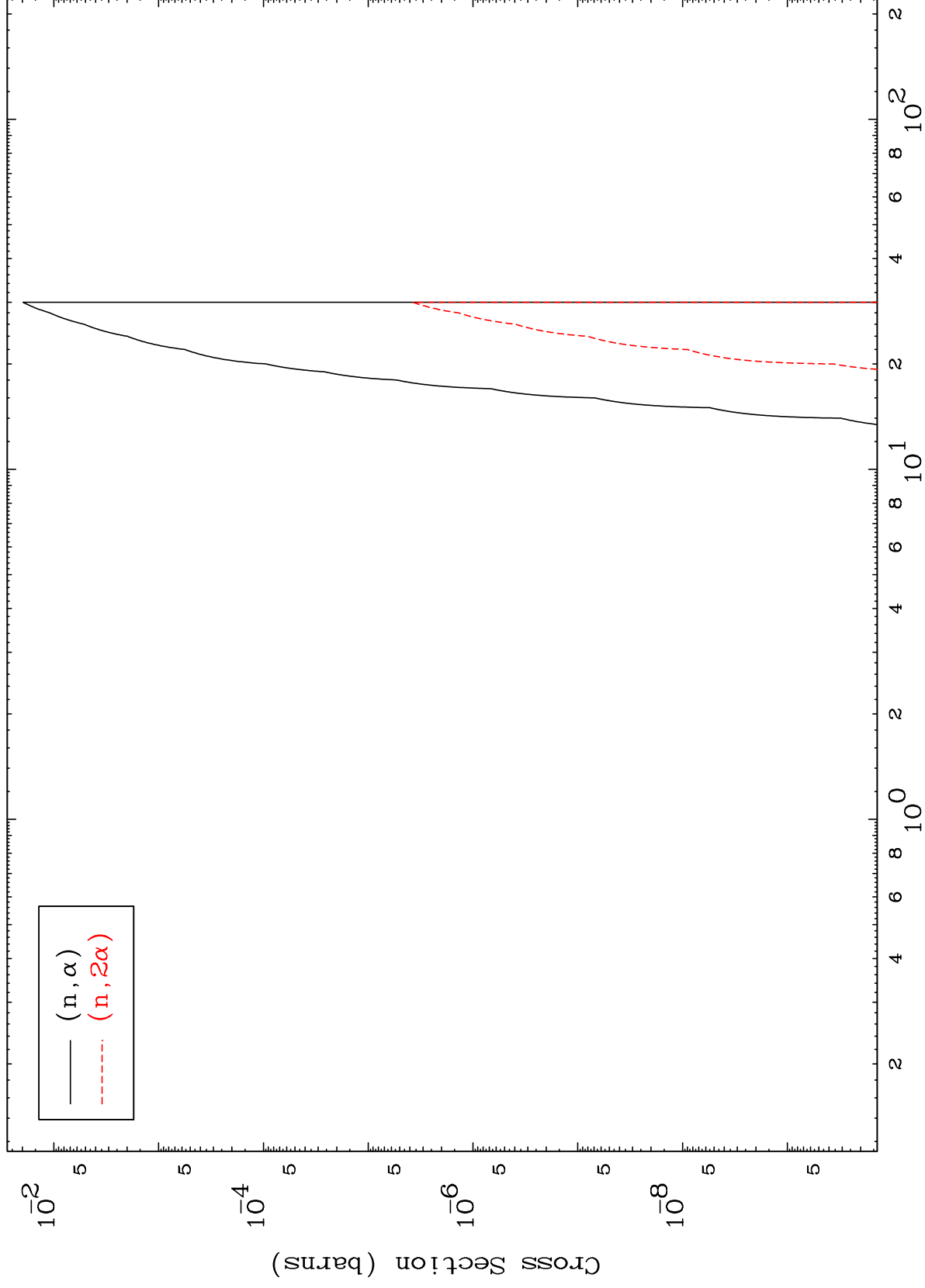


MAT 7890

(α, α) Levels

$^{79}\text{Au-185m}$

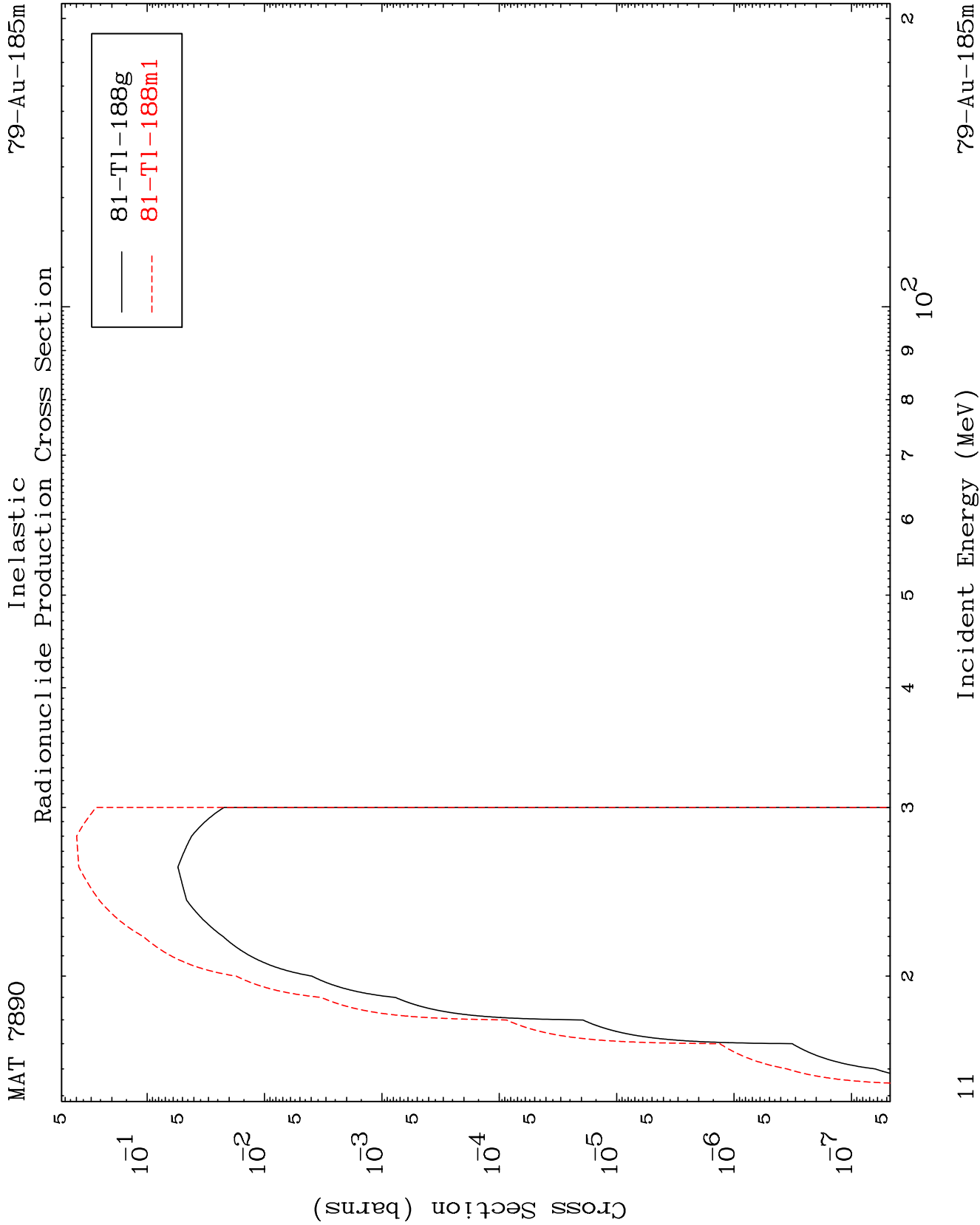
0 Kelvin Cross Sections

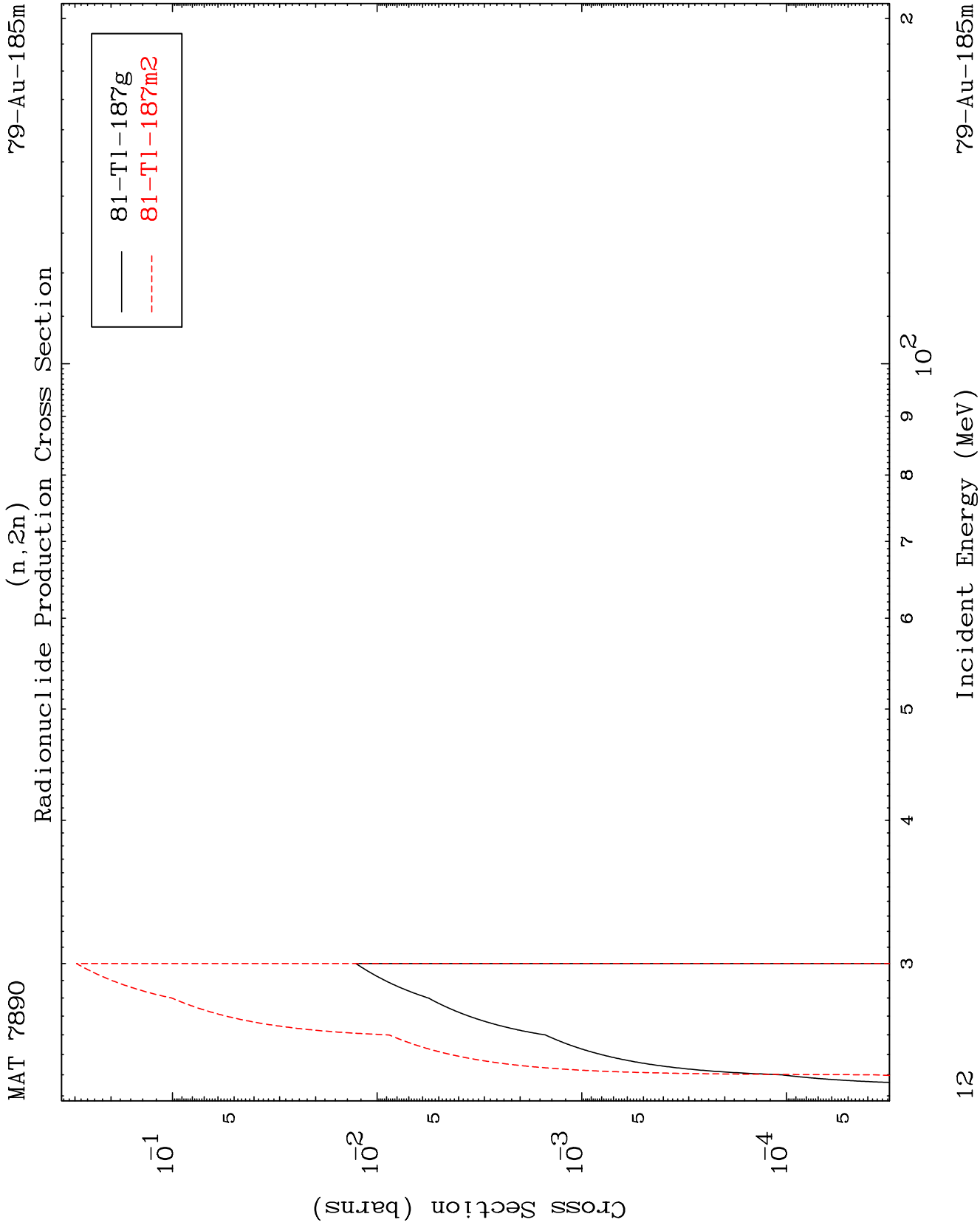


10

Incident Energy (MeV)

$^{79}\text{Au-185m}$



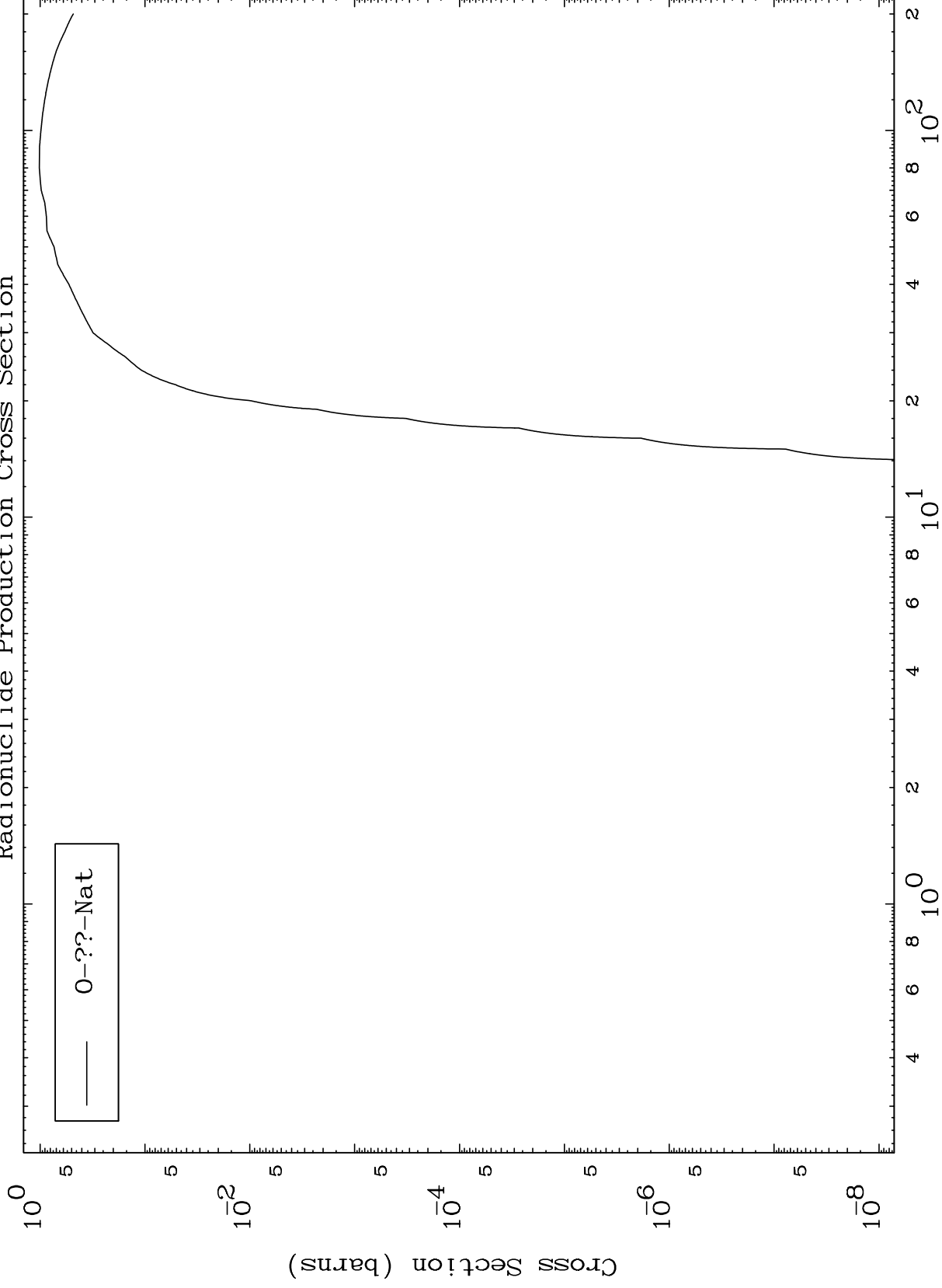


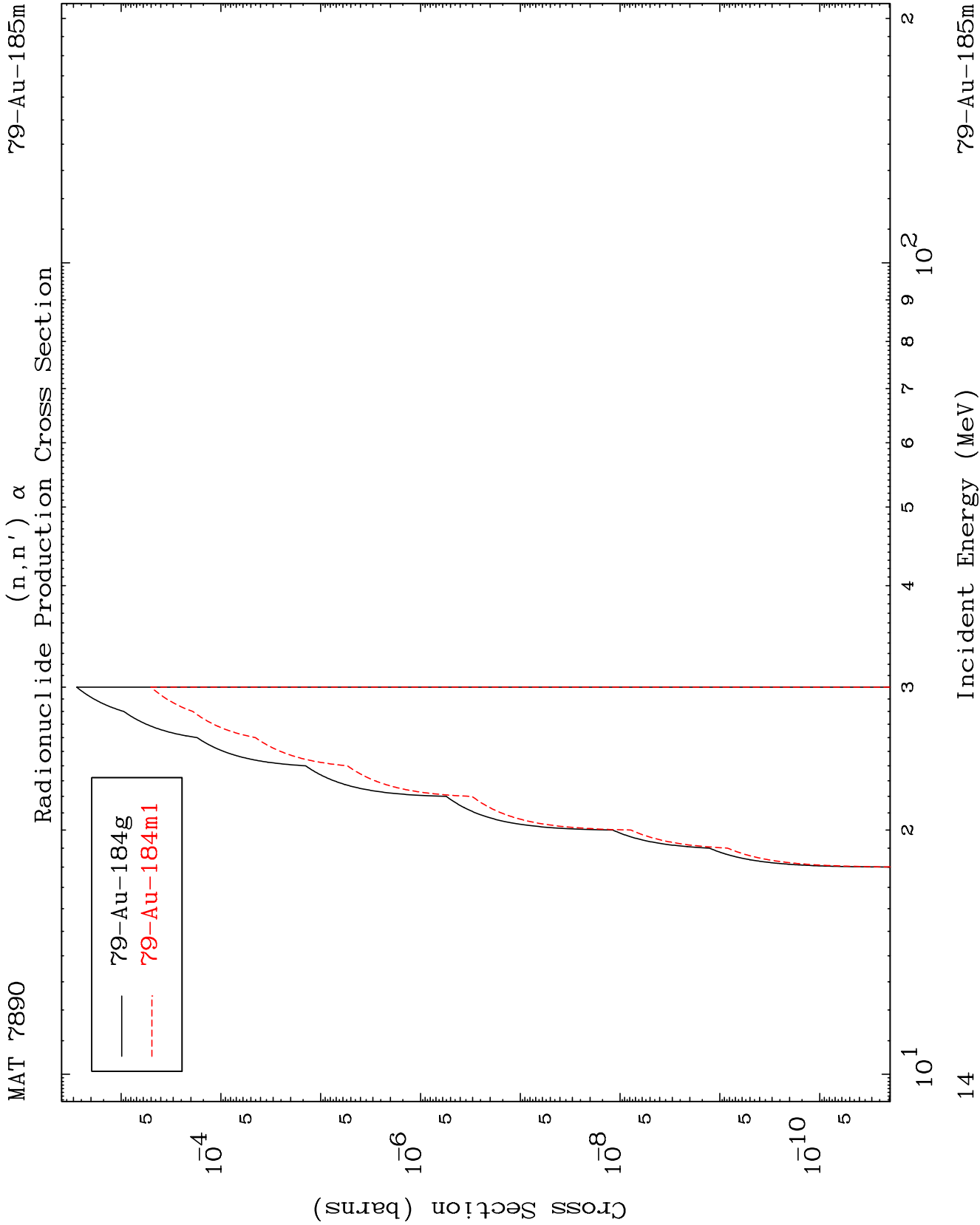
MAT 7890

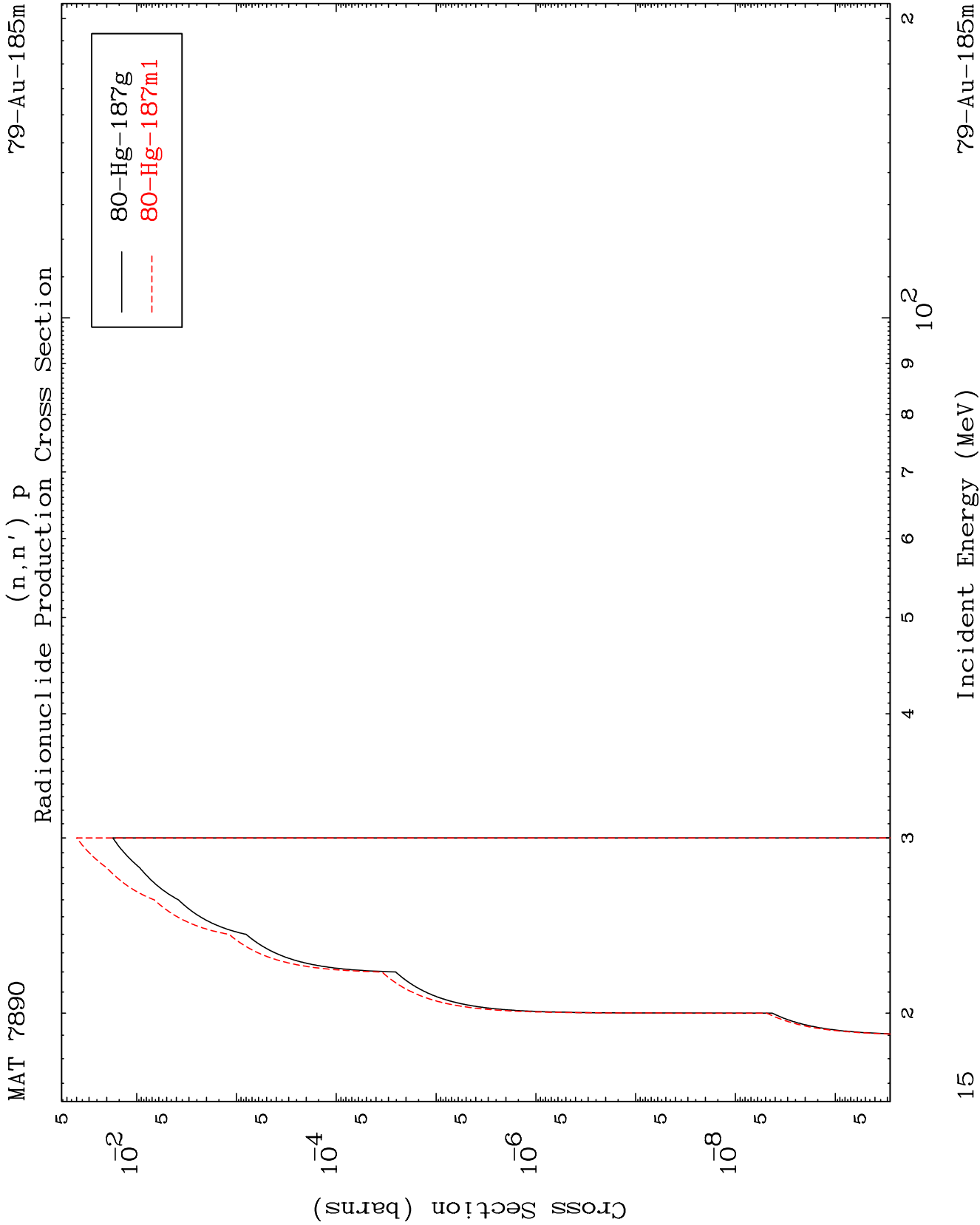
Fission

⁷⁹Au-185m

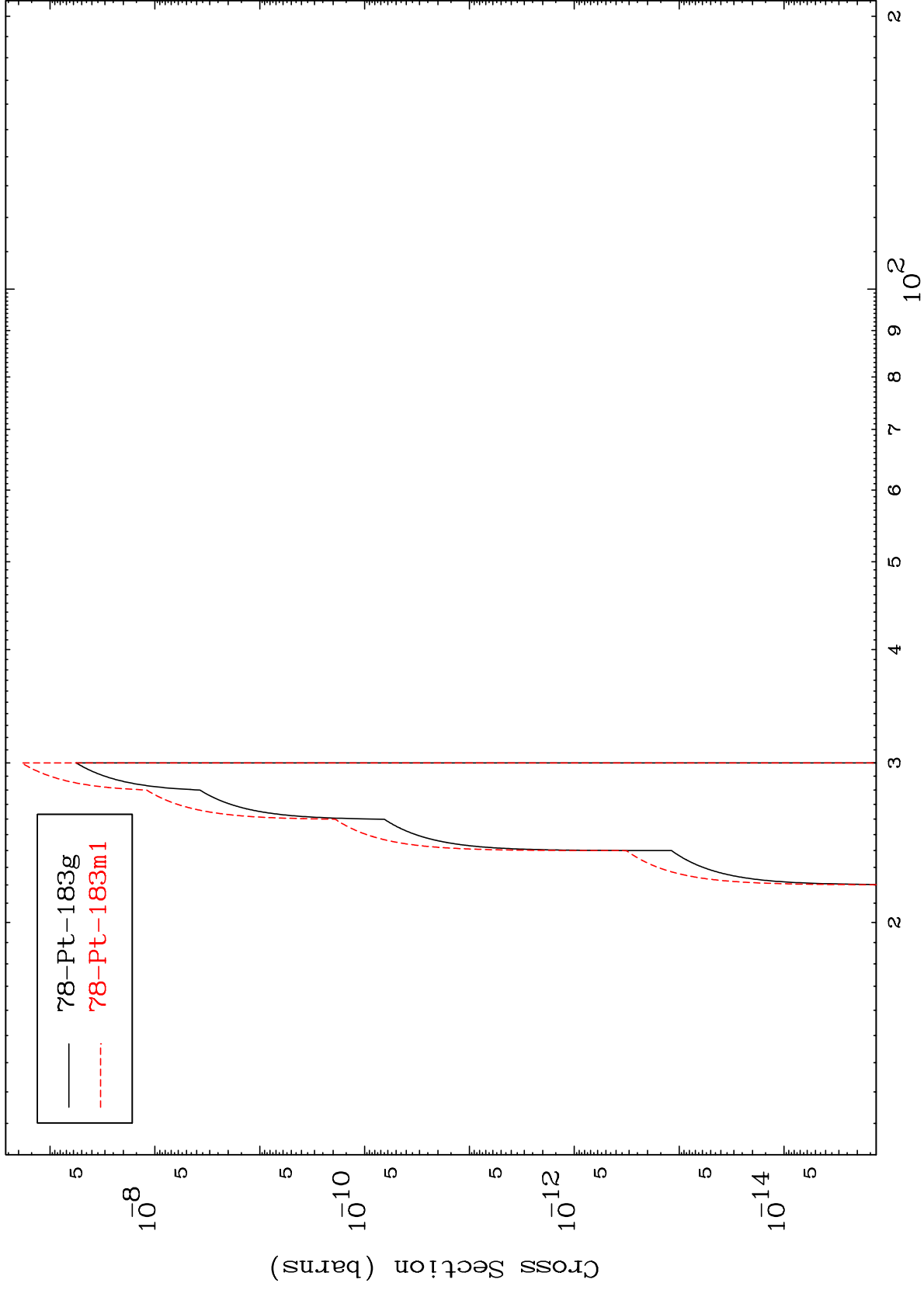
Radionuclide Production Cross Section

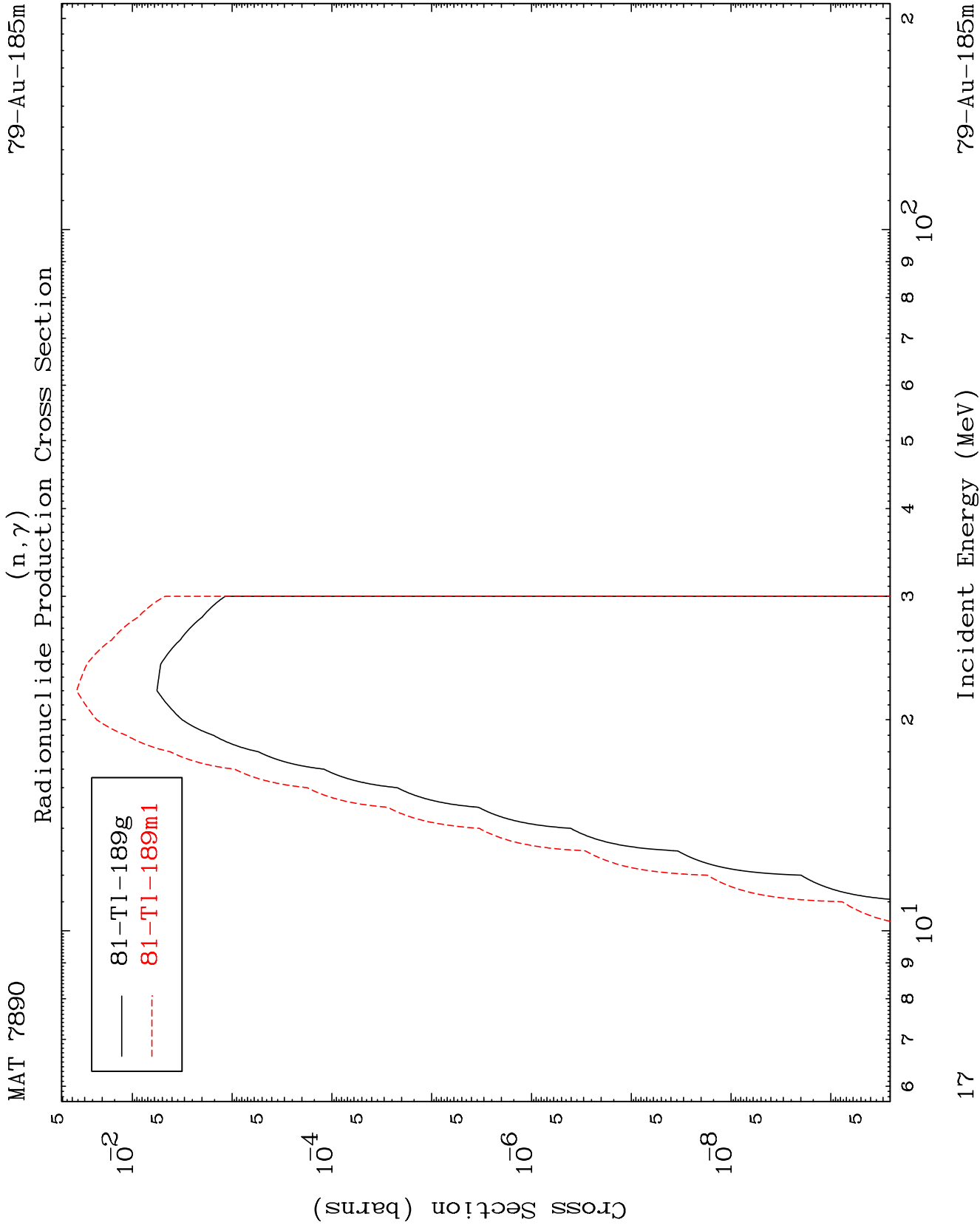


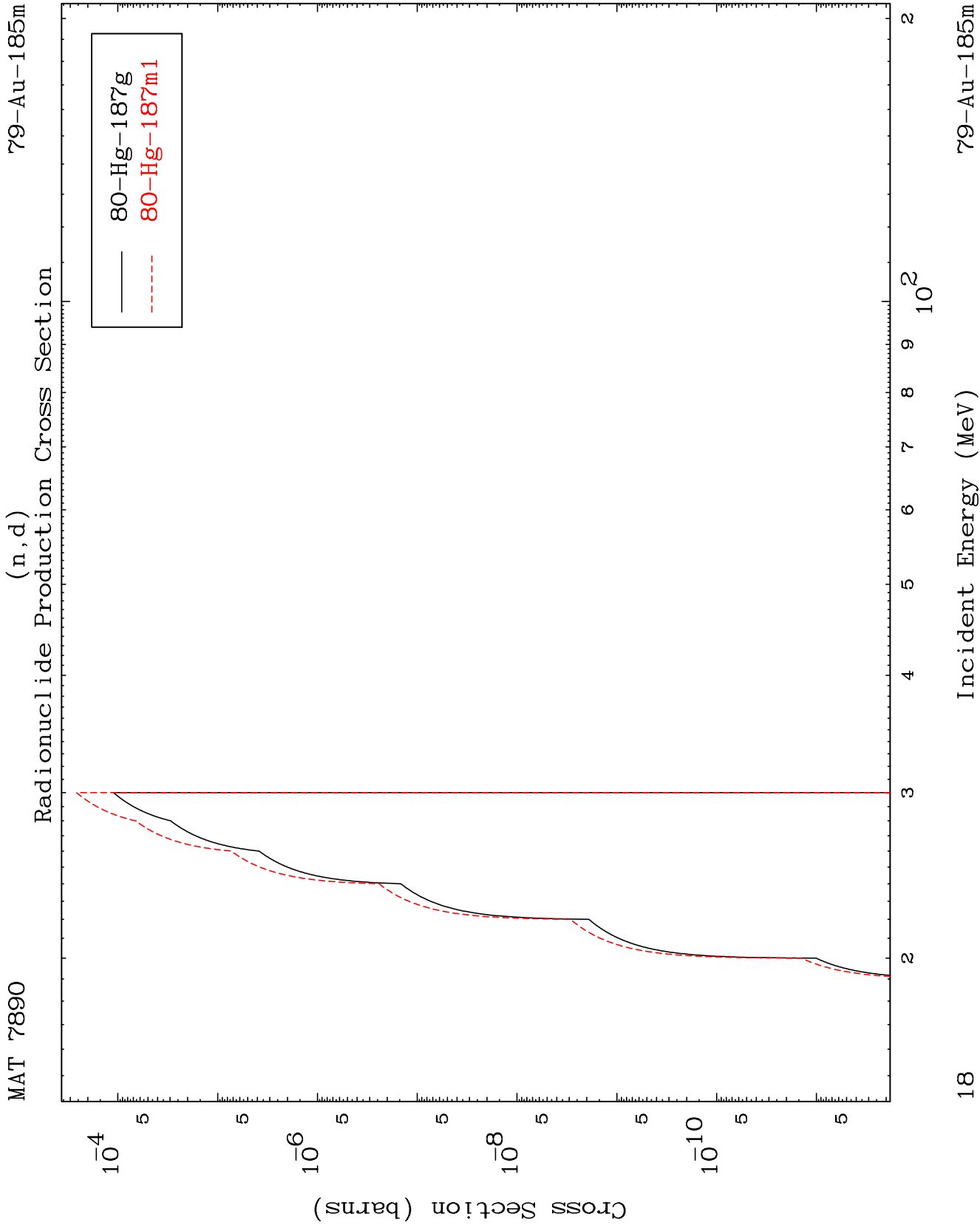




(n,n') p α
Radionuclide Production Cross Section





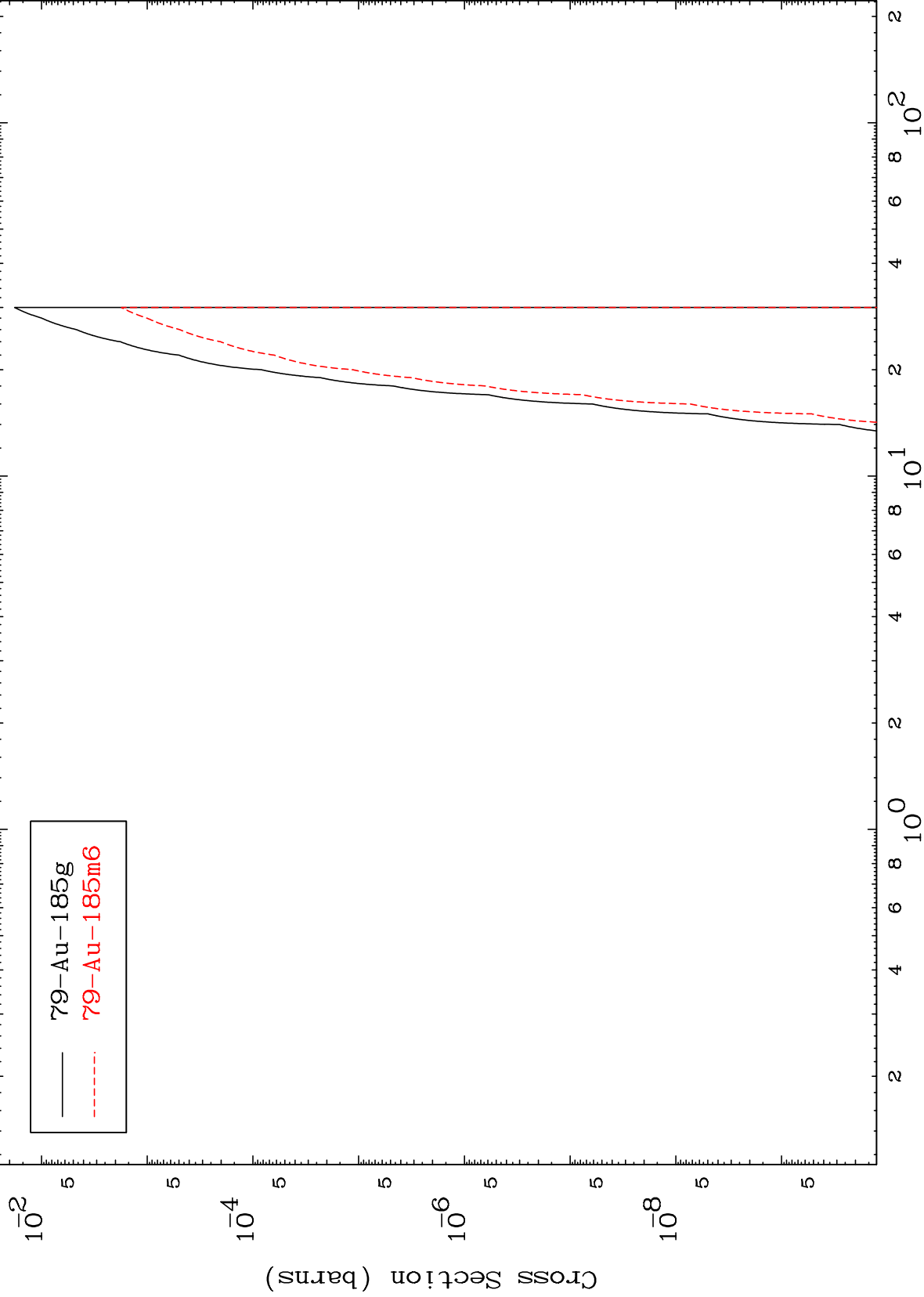


MAT 7890

(n, α)

⁷⁹Au-185m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁹Au-185m

(n,2p)
Radionuclide Production Cross Section

