

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

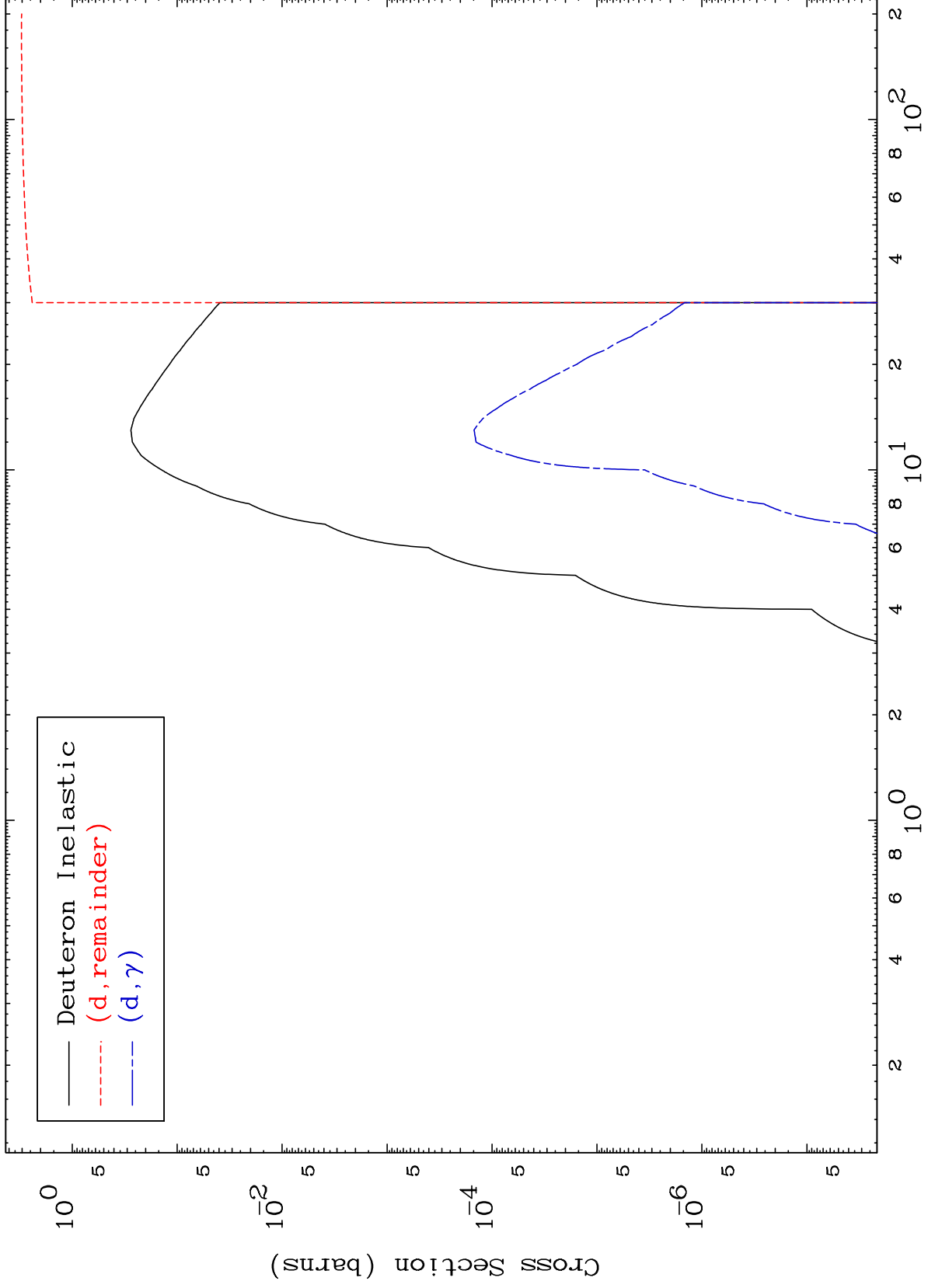
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

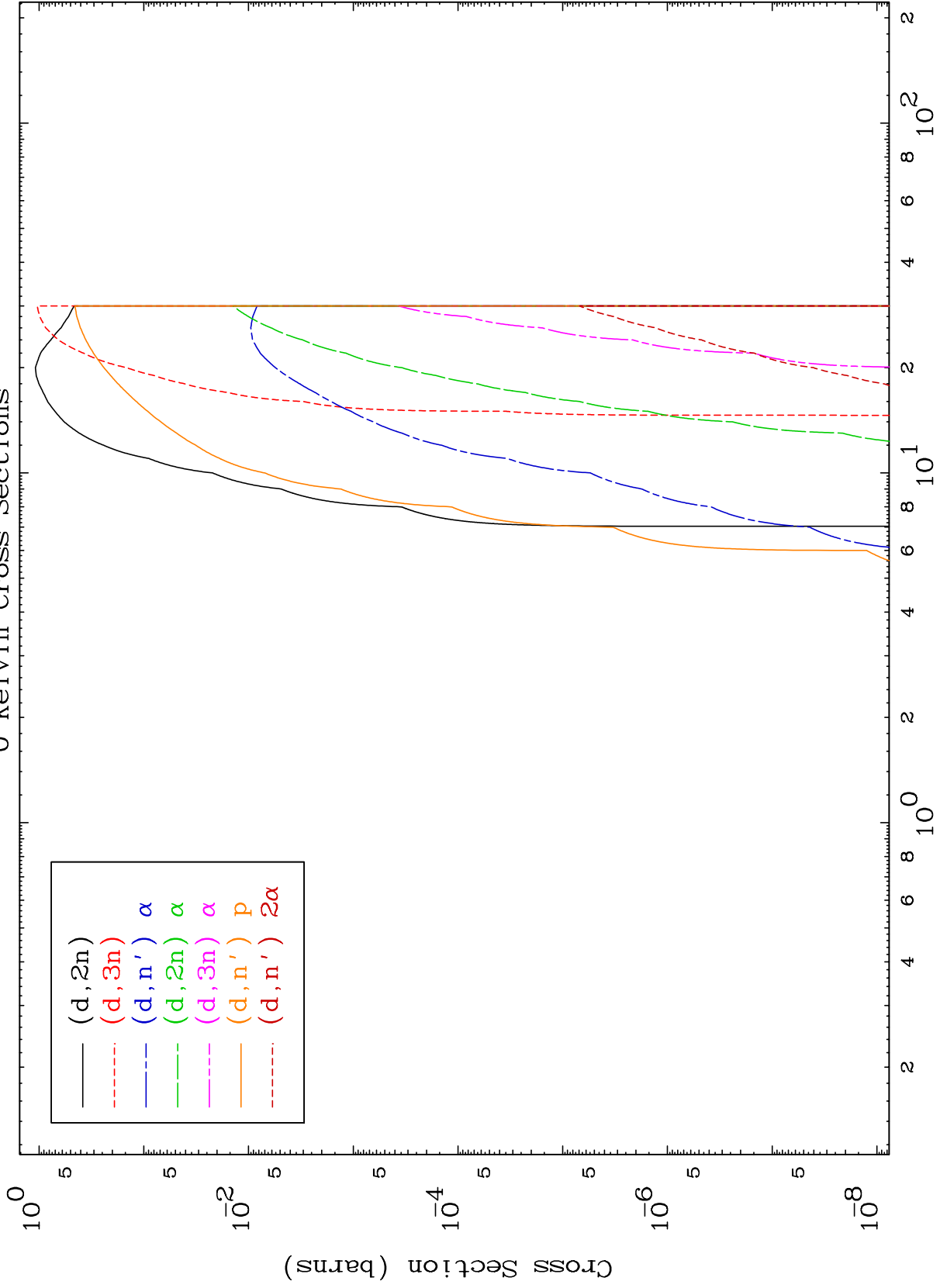
Tele: 925-443-1911

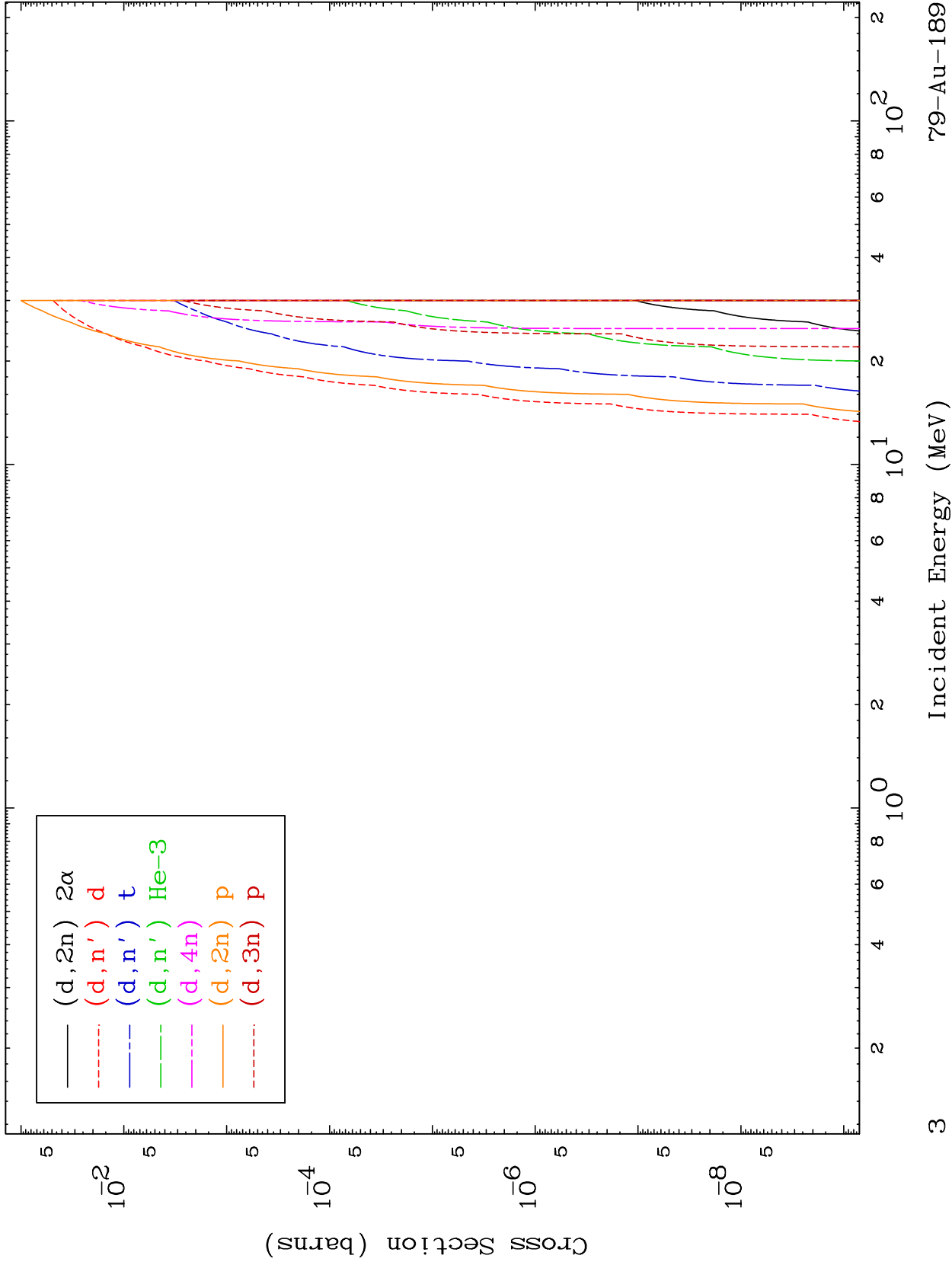
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



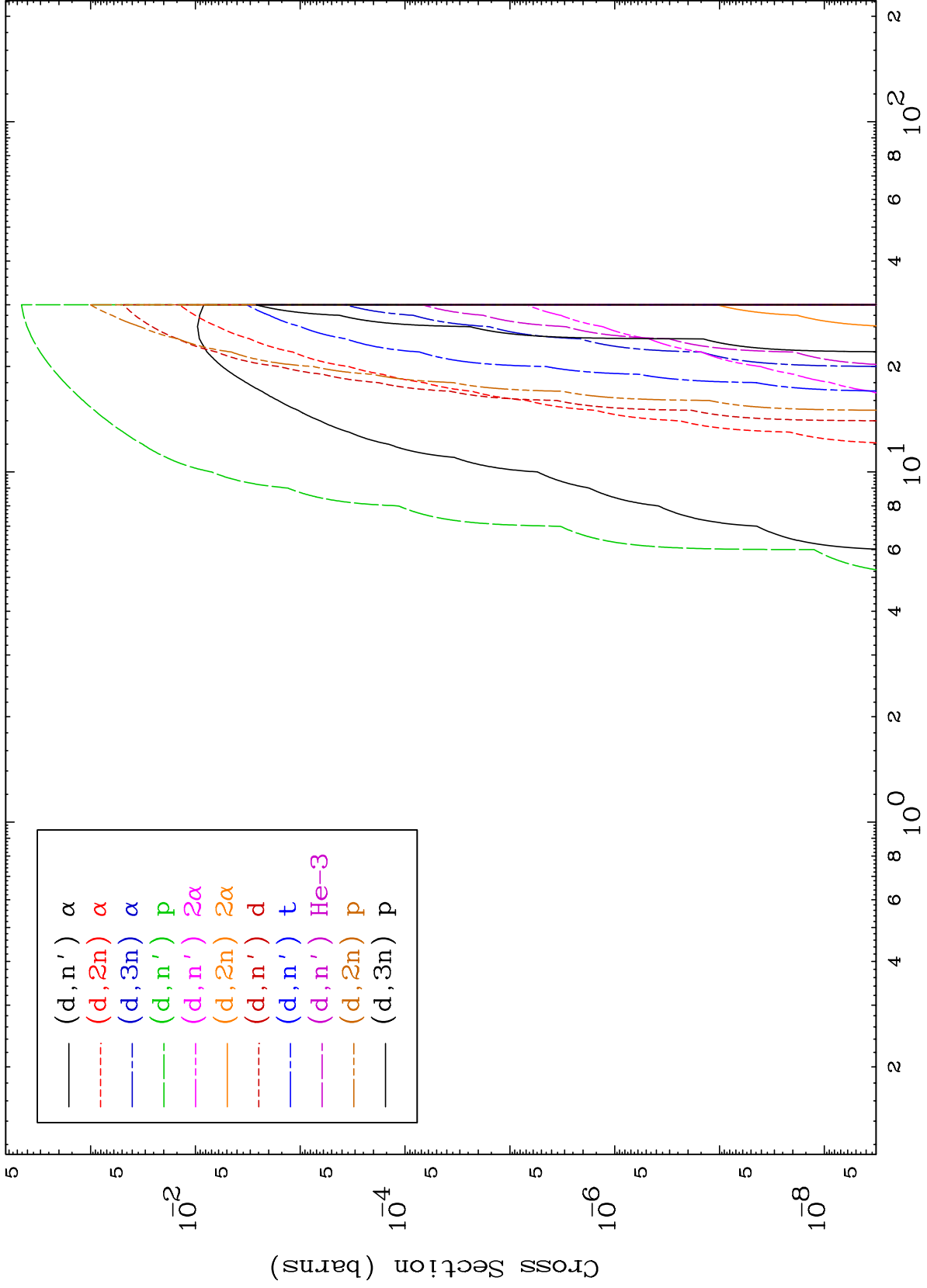


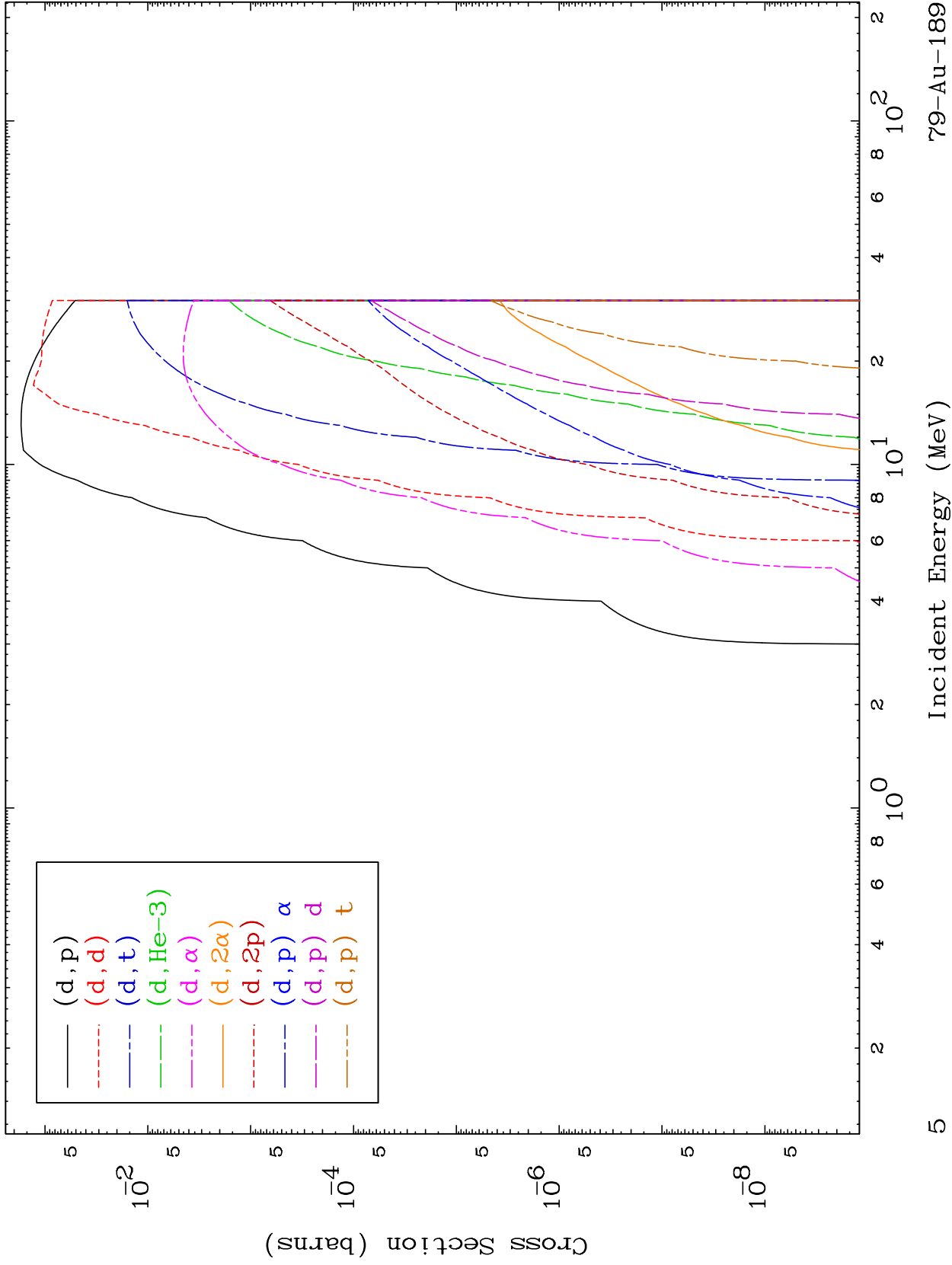


MAT 7901

Deuteron Charged Particle
0 Kelvin Cross Sections

79-Au-189



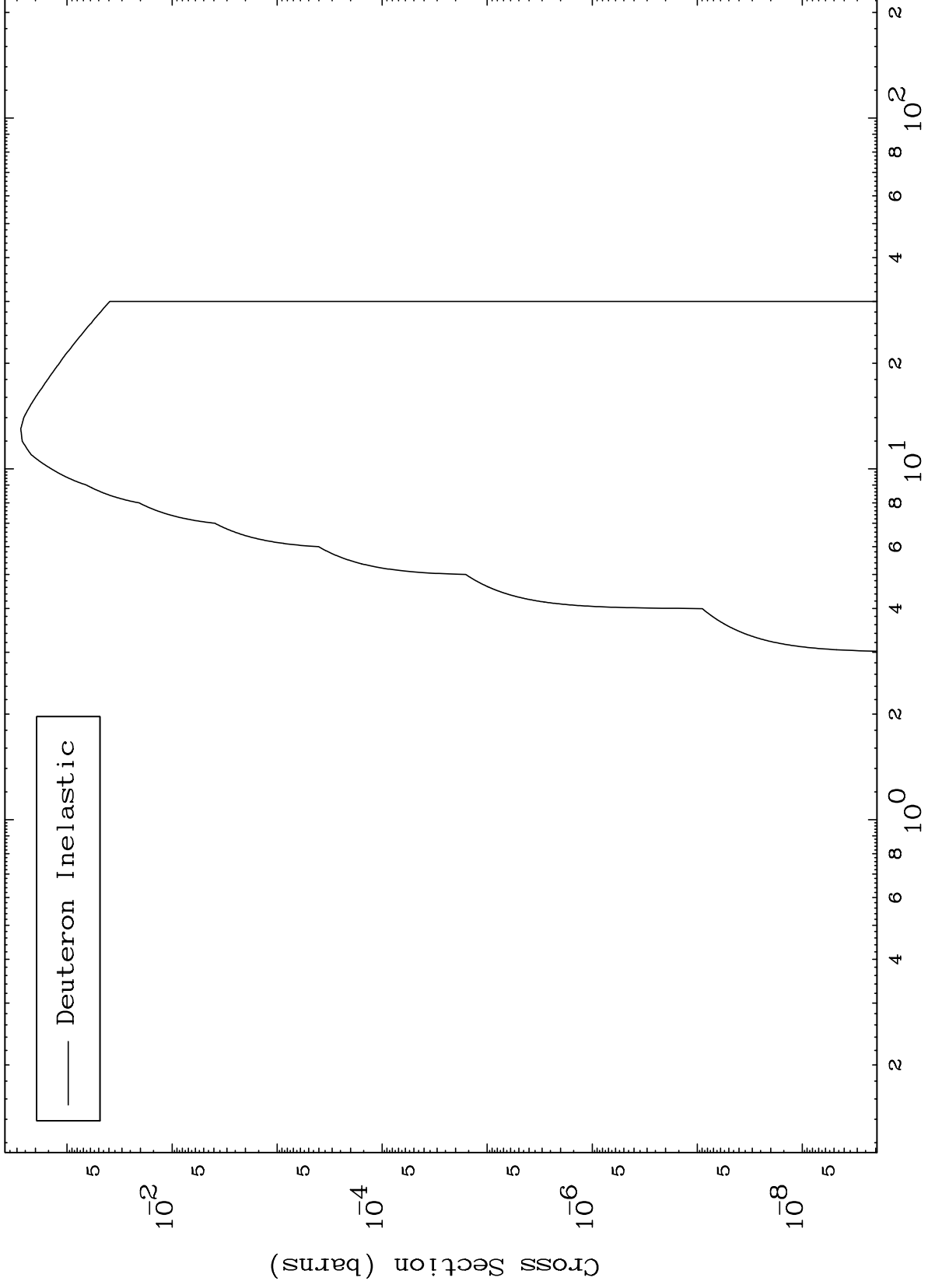


MAT 7901

(d,n') Level

79-Au-189

0 Kelvin Cross Sections



6

Incident Energy (MeV)

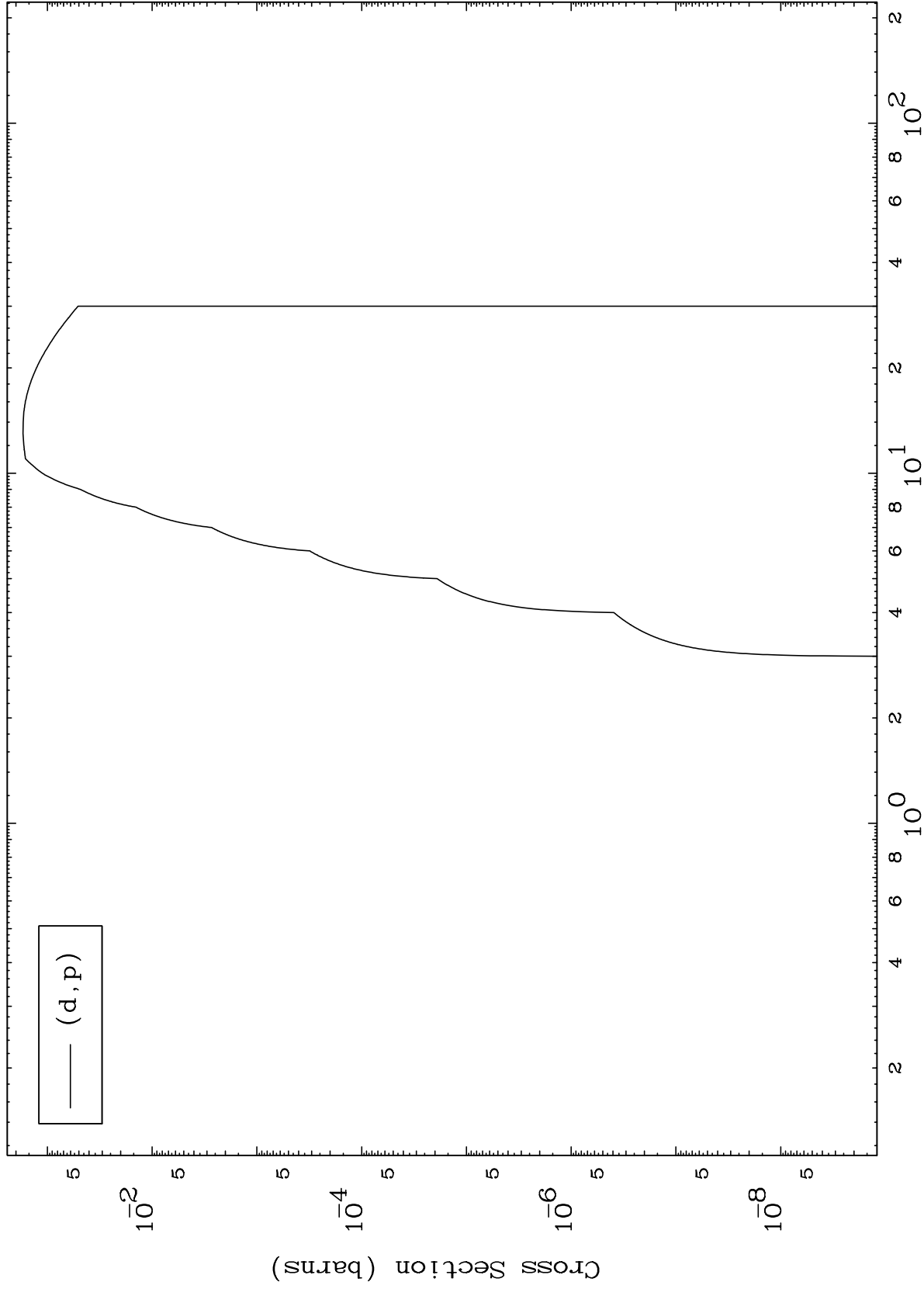
79-Au-189

MAT 7901

(d,p) Levels

79-Au-189

0 Kelvin Cross Sections

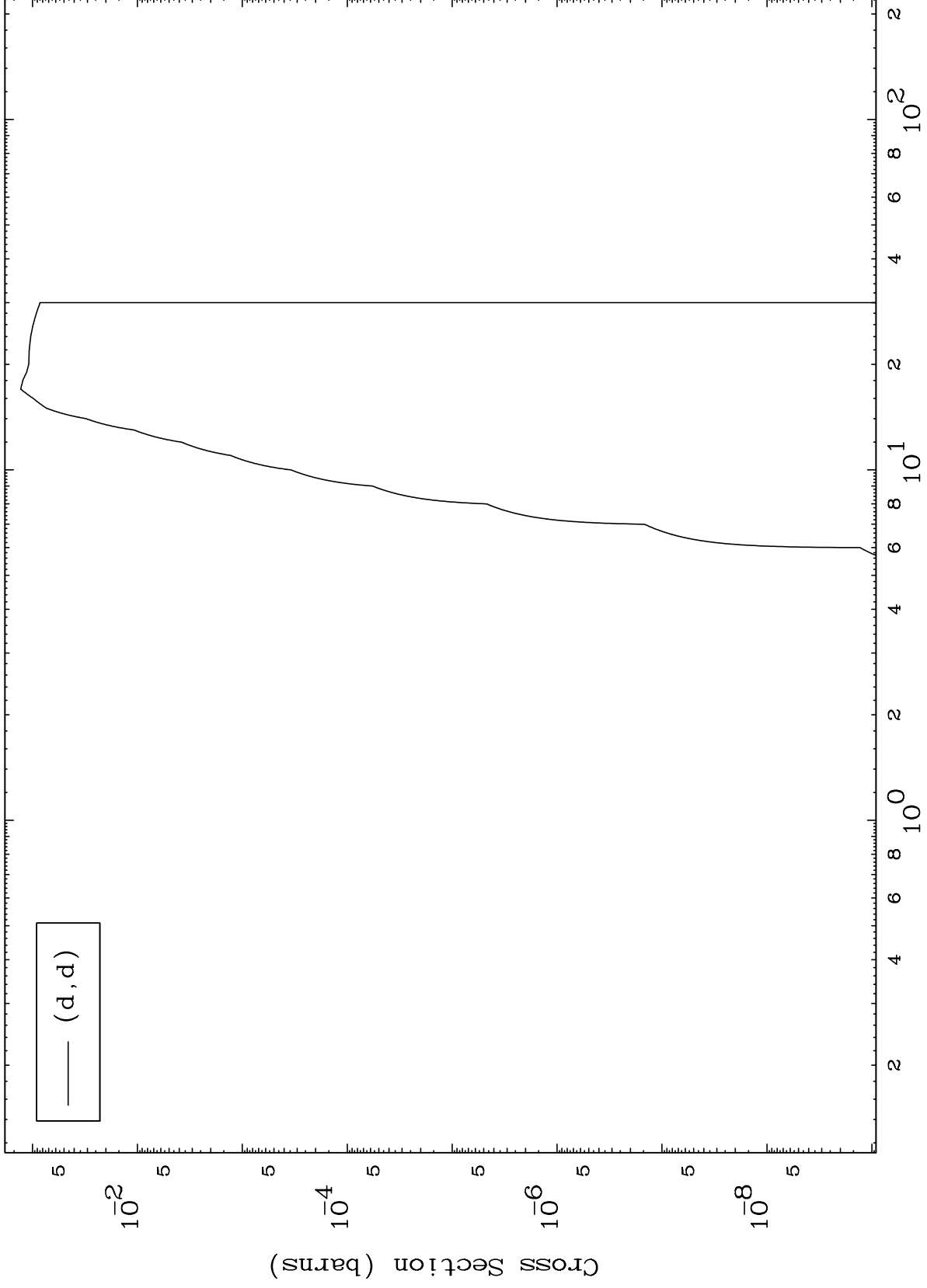


MAT 7901

(d,d) Levels

79-Au-189

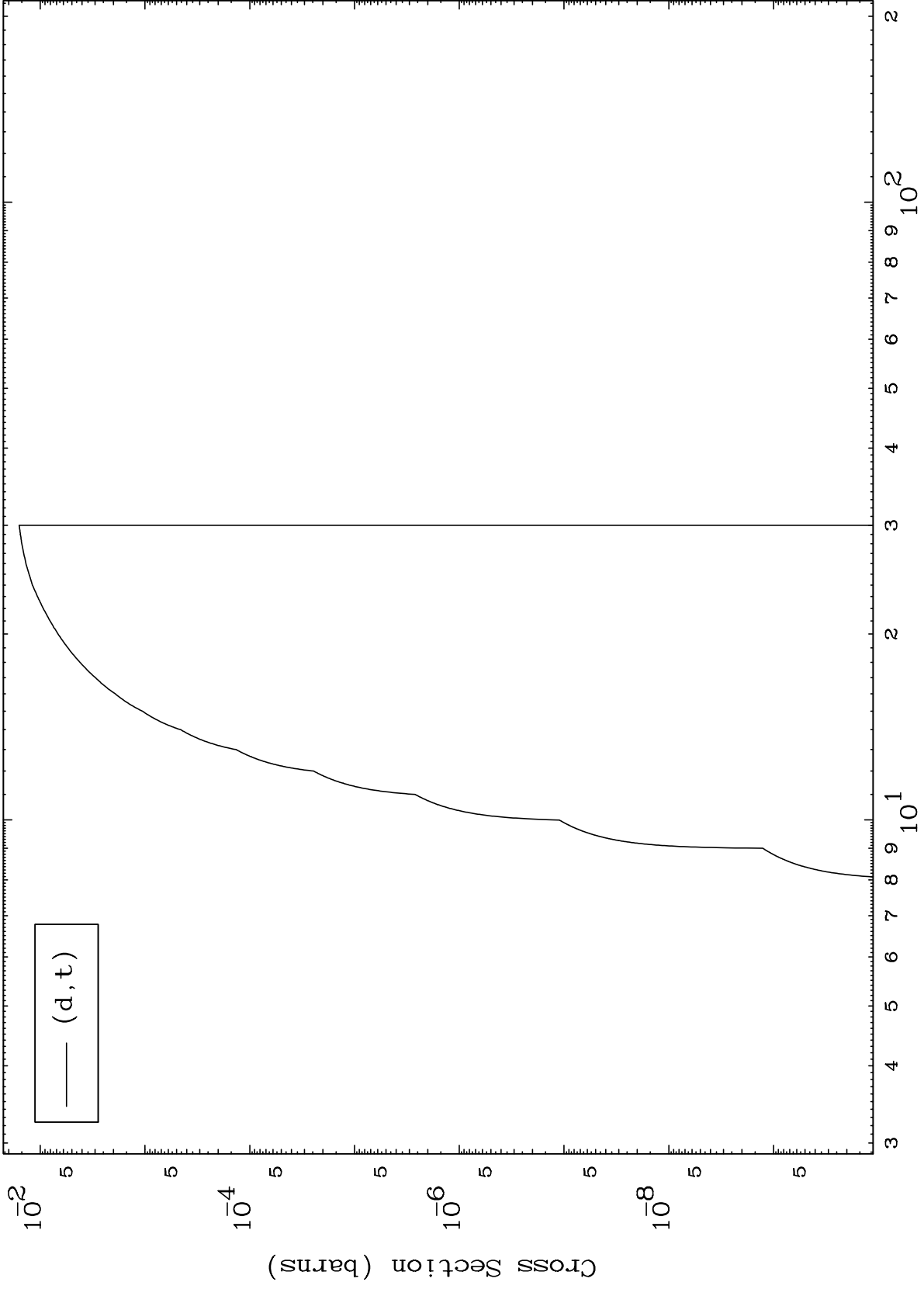
0 Kelvin Cross Sections



MAT 7901

(d,t) Levels
0 Kelvin Cross Sections

79-Au-189



9

Incident Energy (MeV)

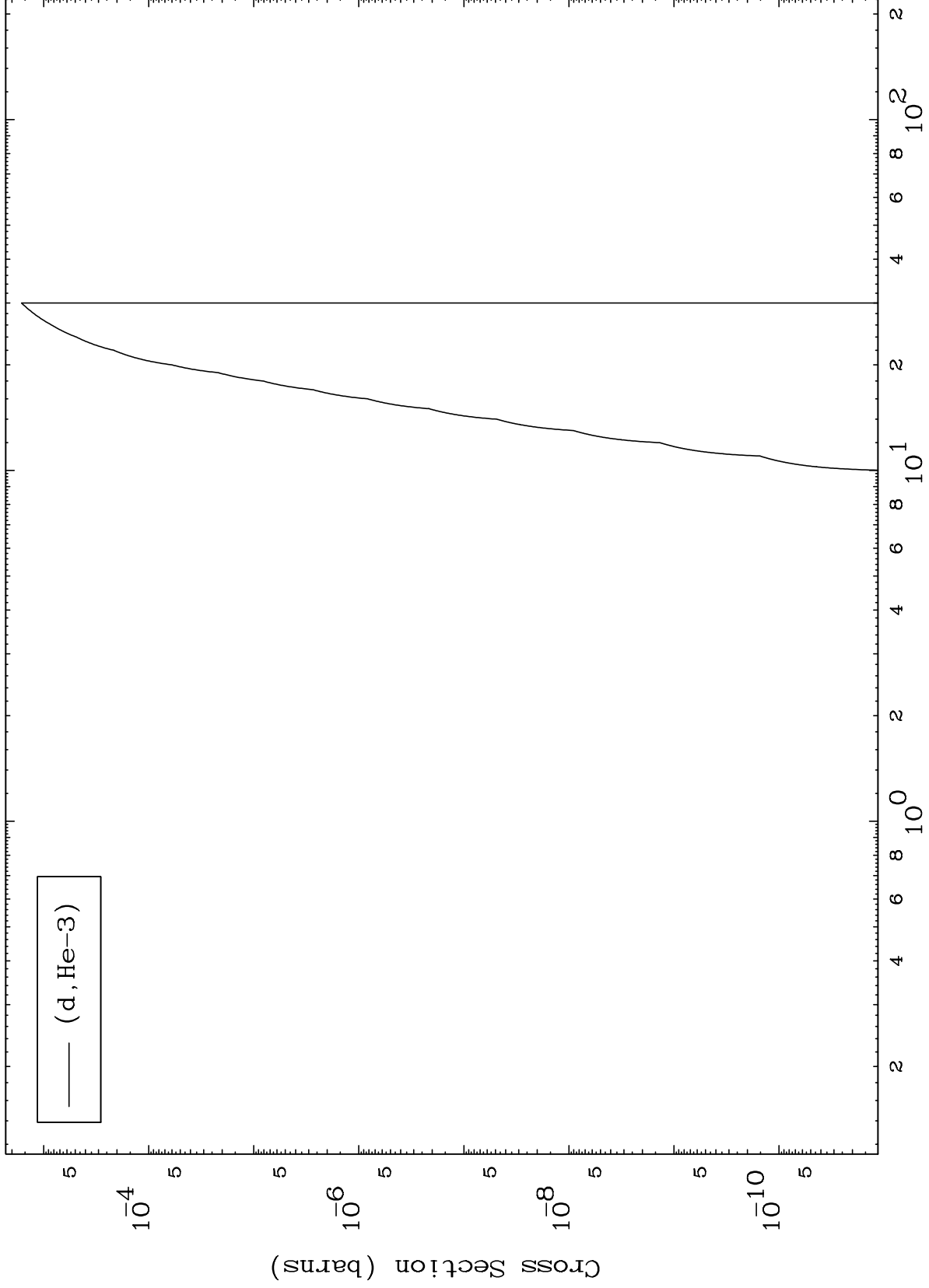
79-Au-189

MAT 7901

(d,He3) Levels

79-Au-189

0 Kelvin Cross Sections



10

Incident Energy (MeV)

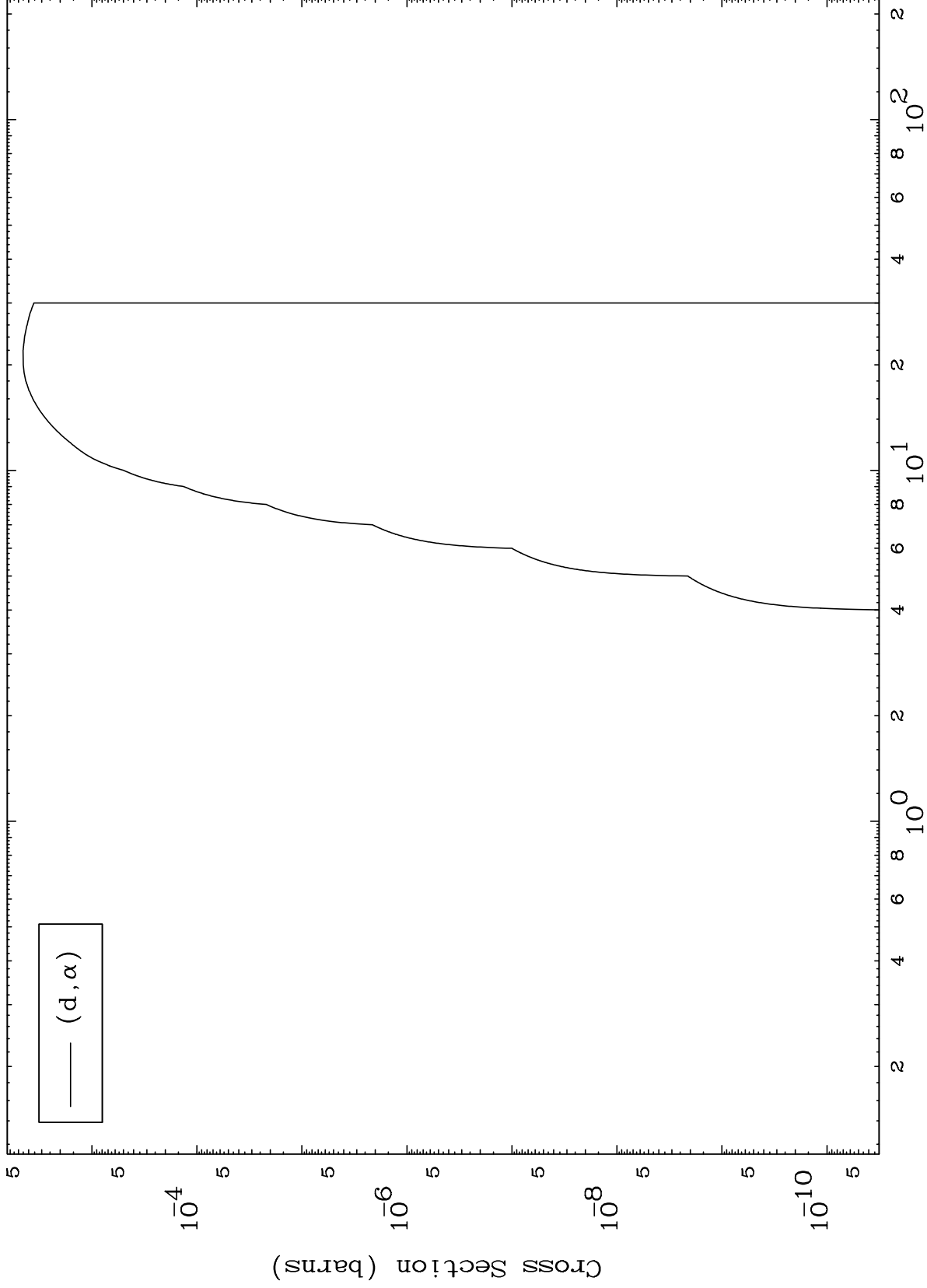
79-Au-189

MAT 7901

(d, α) Levels

79-Au-189

0 Kelvin Cross Sections

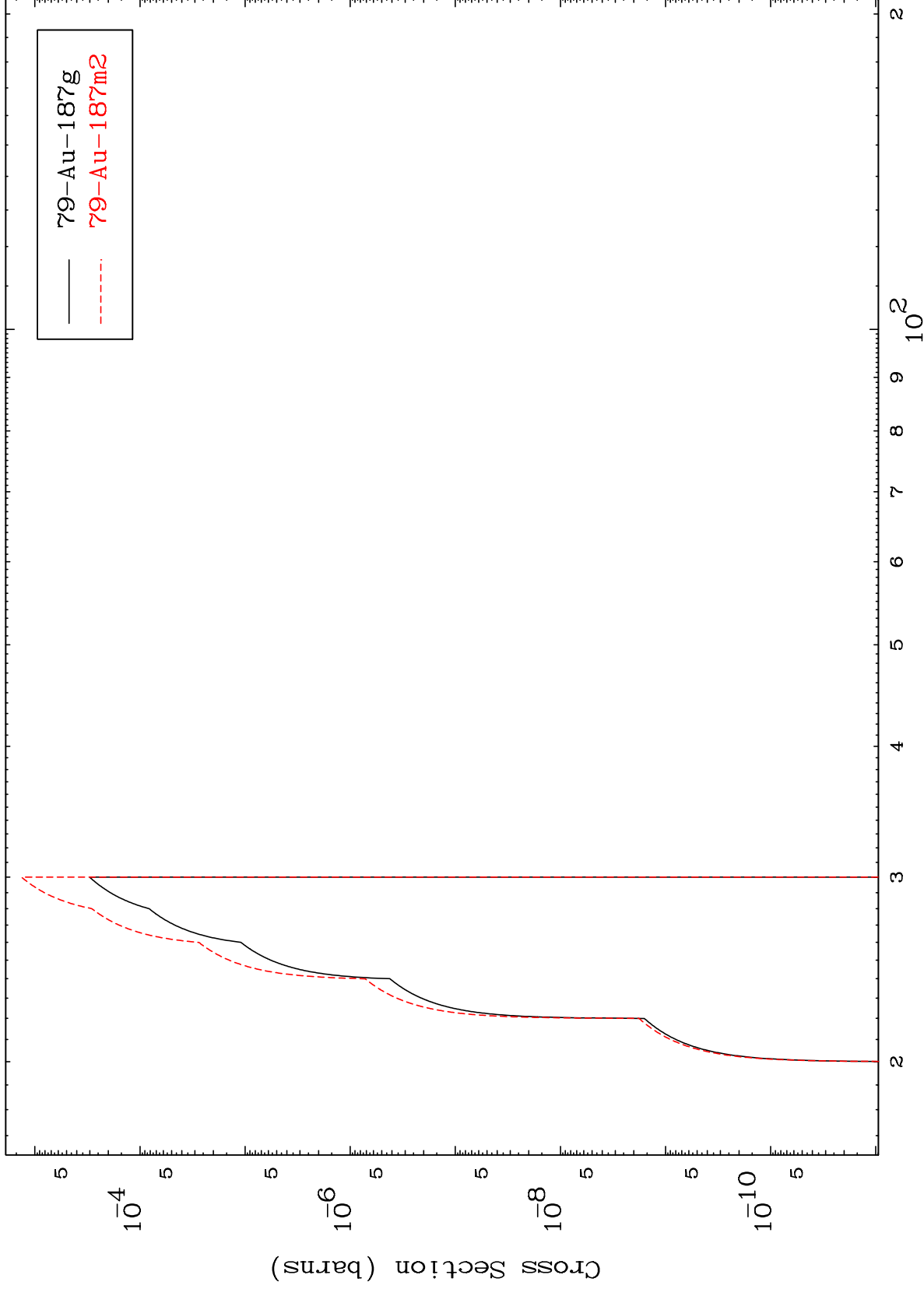


MAT 7901

(d,2n) d

⁷⁹Au-189

Radionuclide Production Cross Section



12

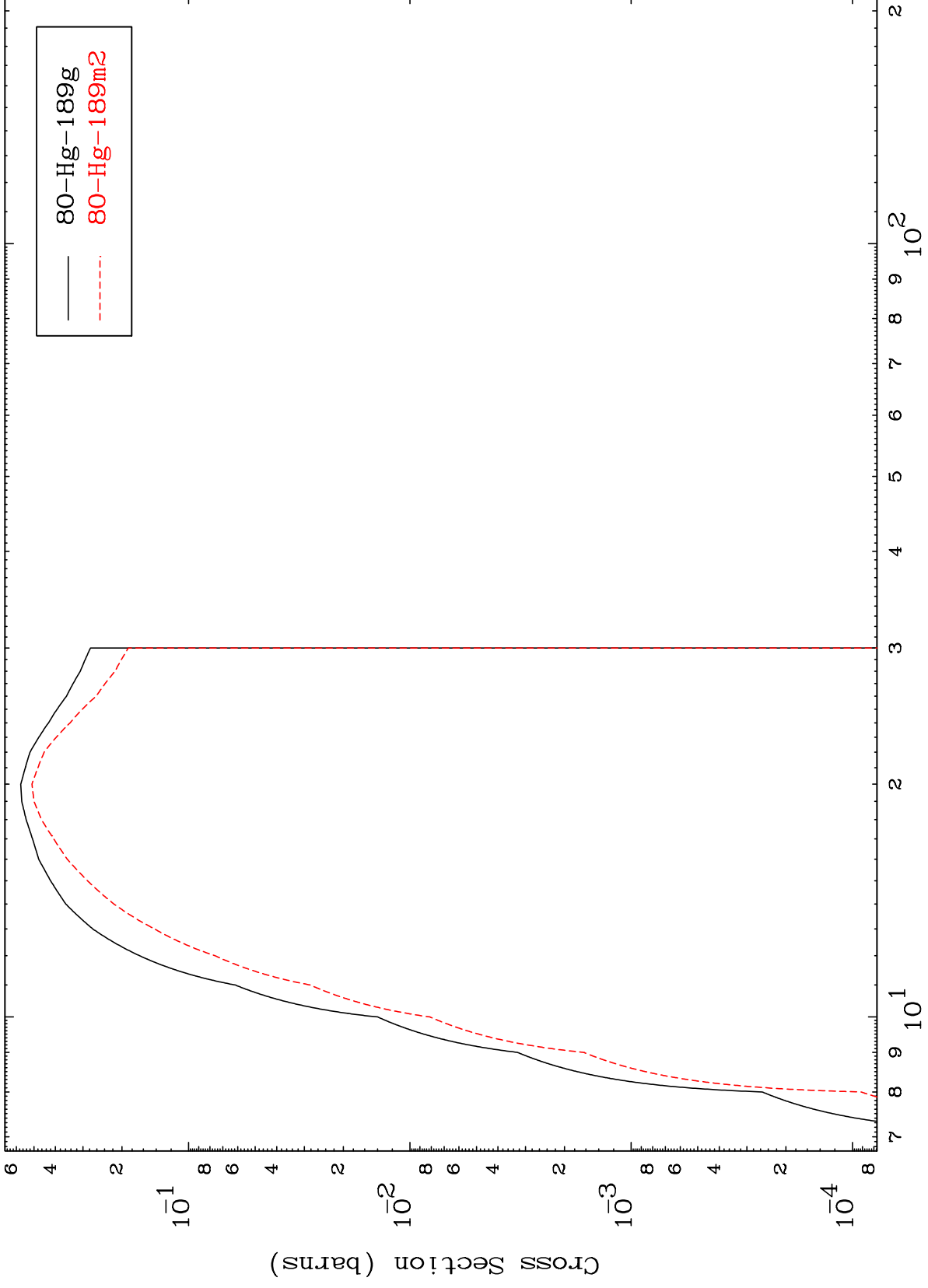
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

79-Au-189

(d,2n)
Radionuclide Production Cross Section



13

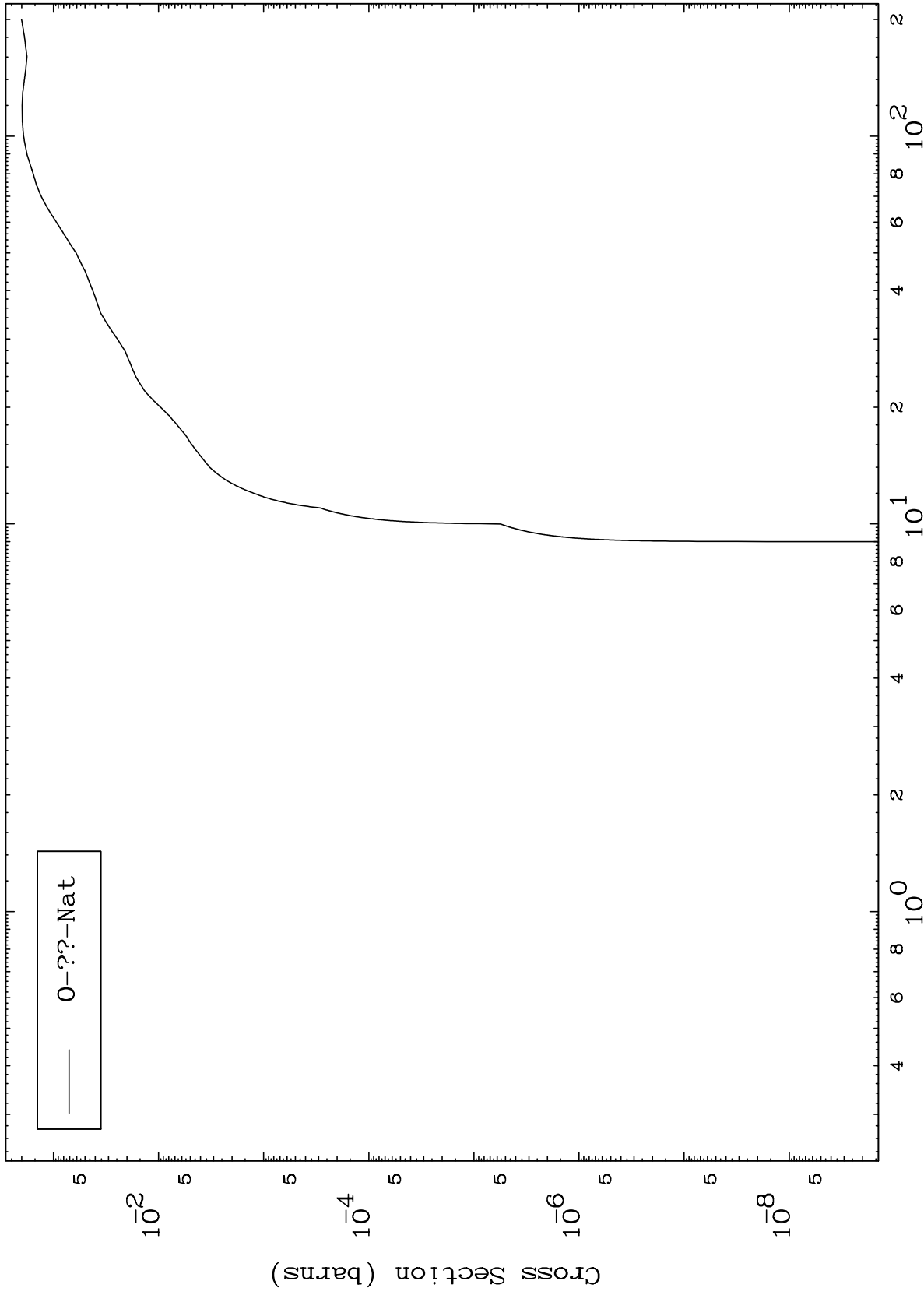
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

Deuteron Fission
Radionuclide Production Cross Section



14

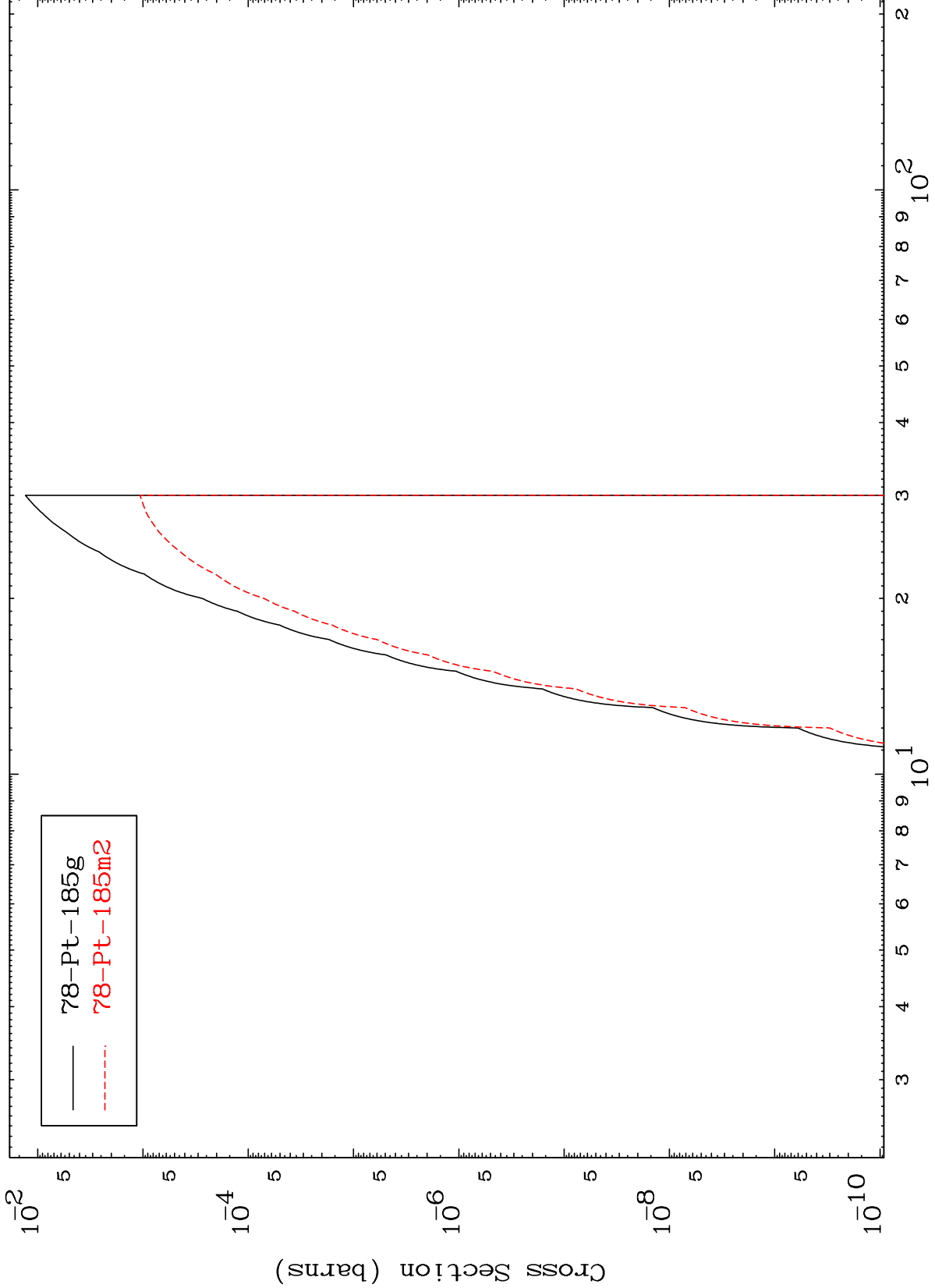
79-Au-189

MAT 7901

(d,2n) α

⁷⁹Au-189

Radionuclide Production Cross Section



15

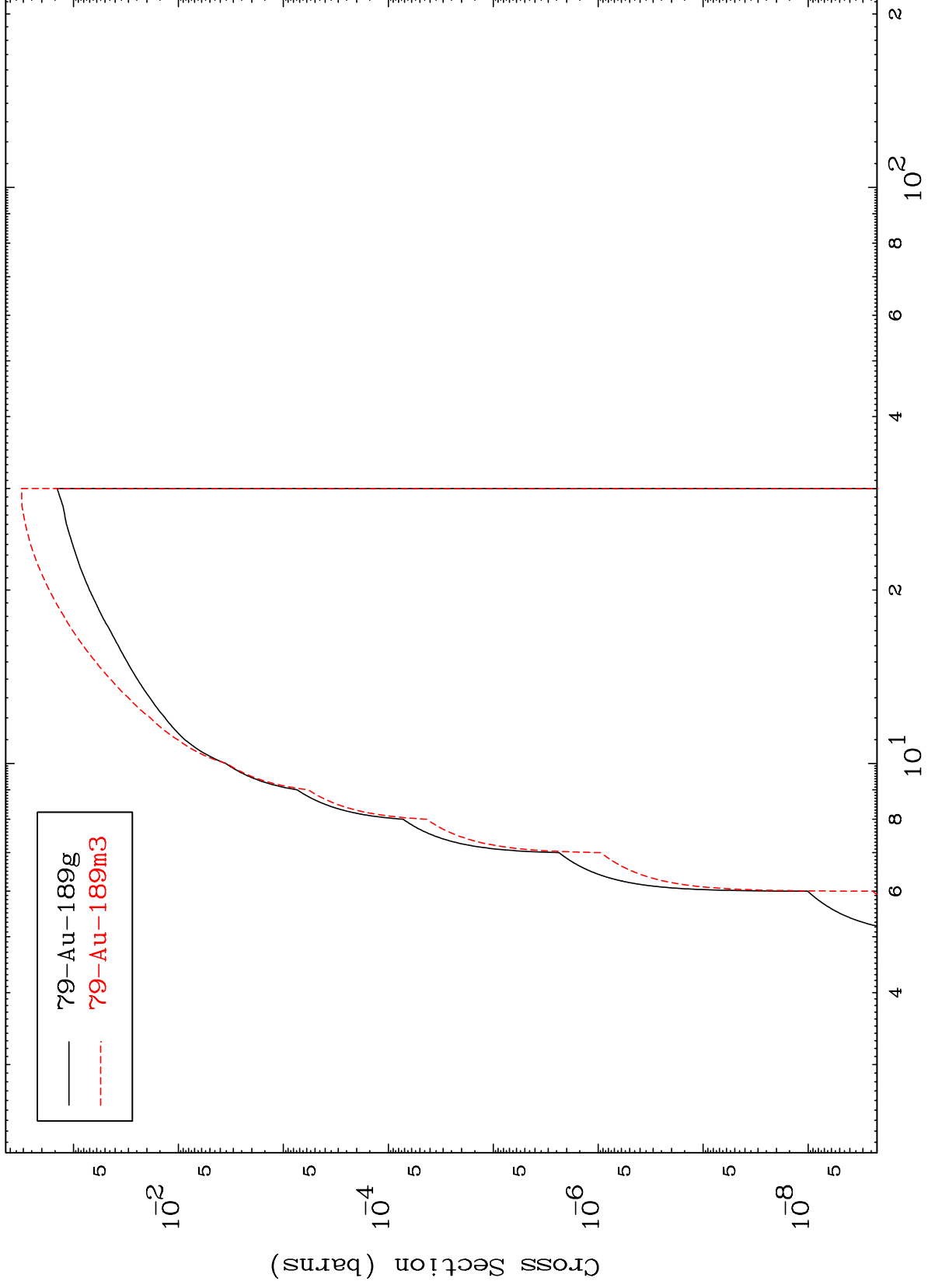
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

⁷⁹Au-189

(d,n') p
Radionuclide Production Cross Section



16

⁷⁹Au-189

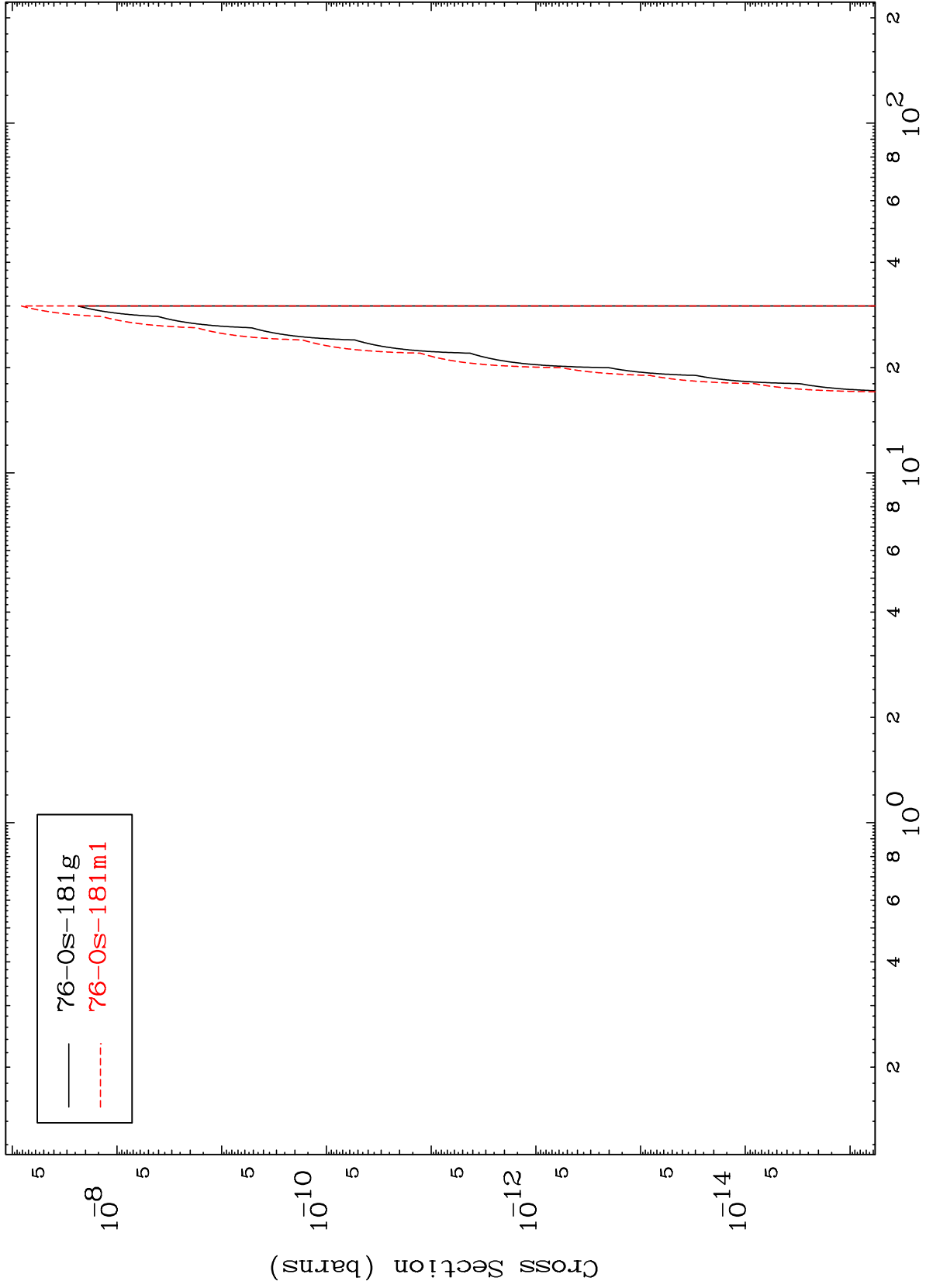
Incident Energy (MeV)

MAT 7901

(d,2n) ^{201}Au

^{181}Au

Radionuclide Production Cross Section

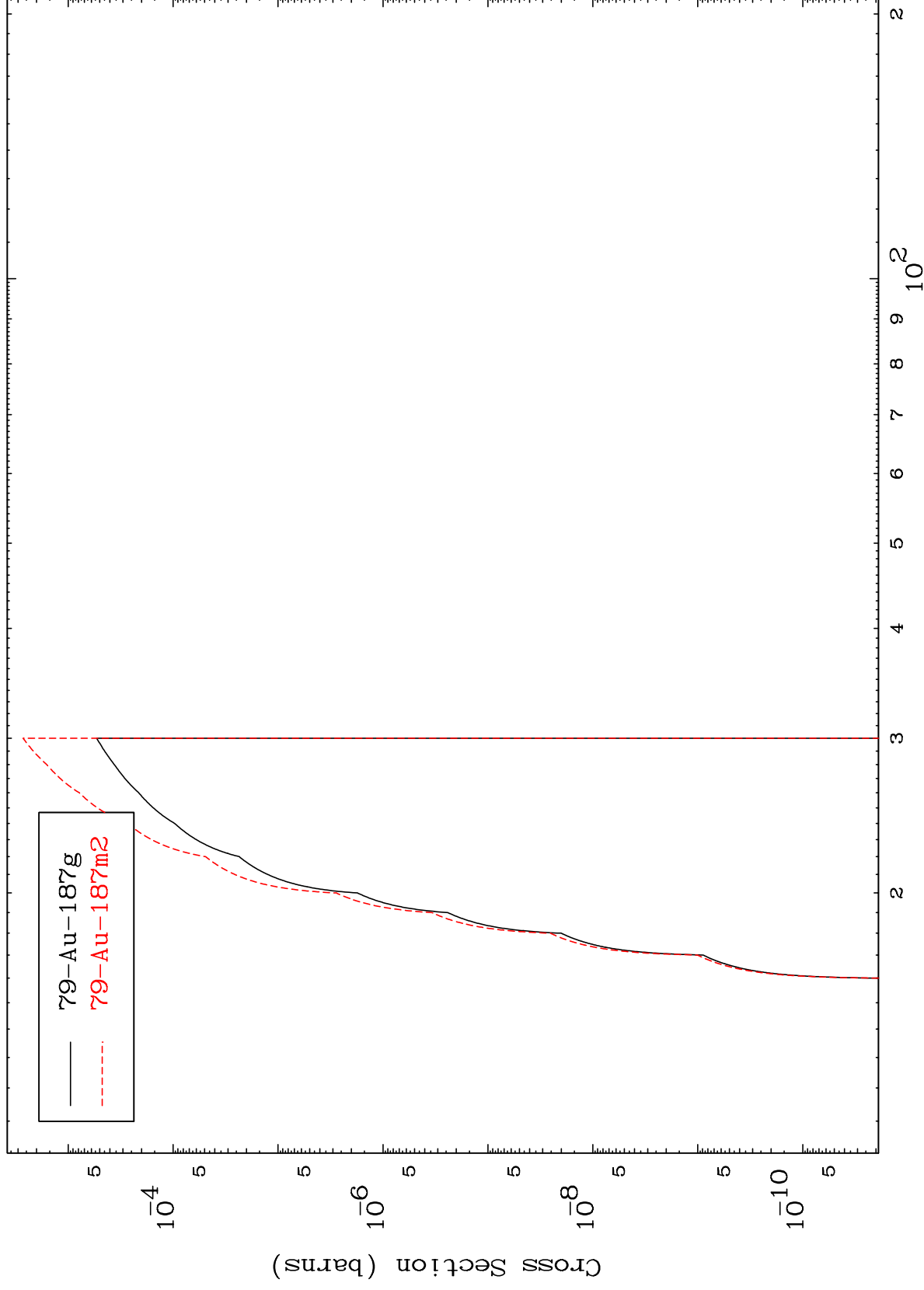


MAT 7901

⁷⁹Au-189

(d,n') t

Radionuclide Production Cross Section



18

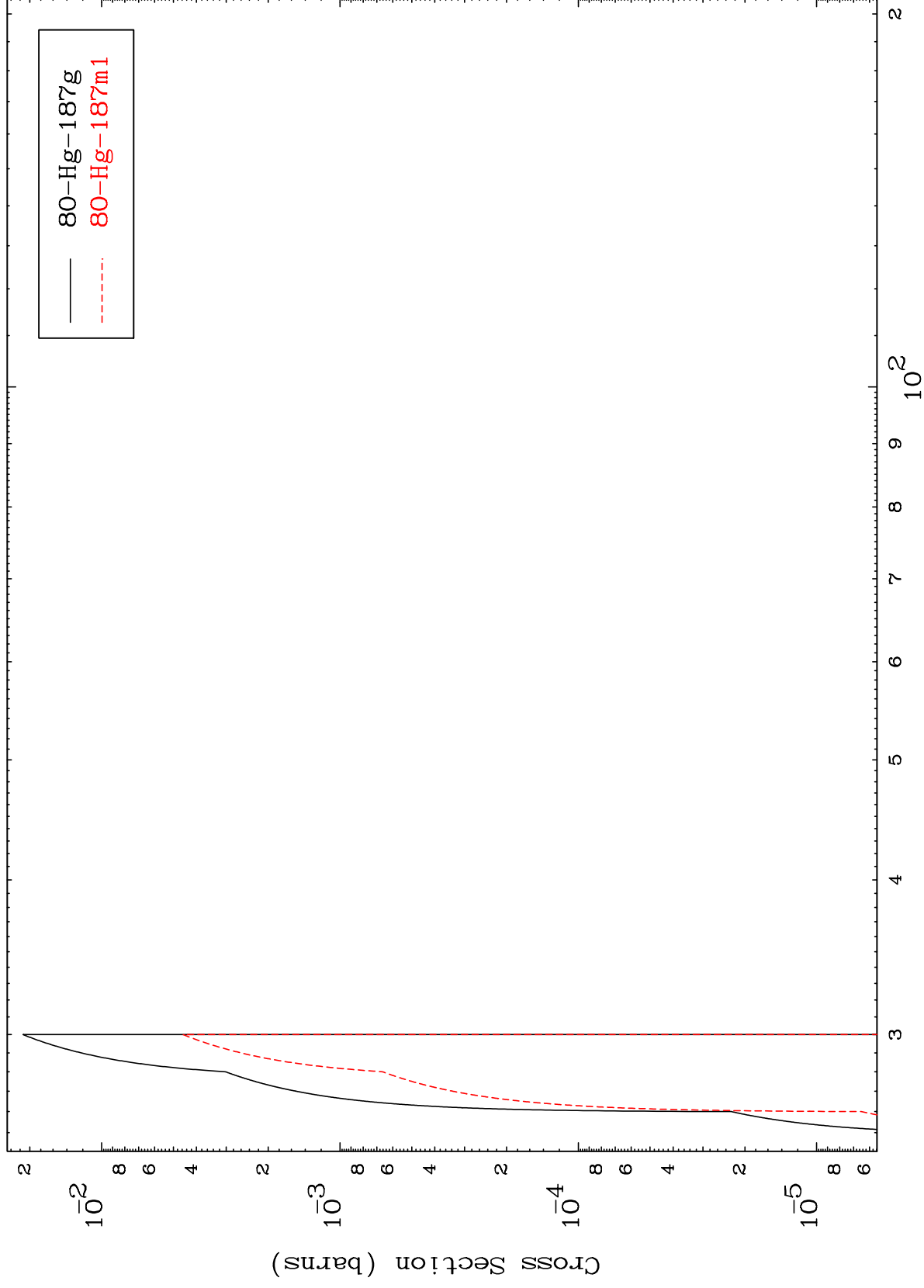
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

79-Au-189

(d,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

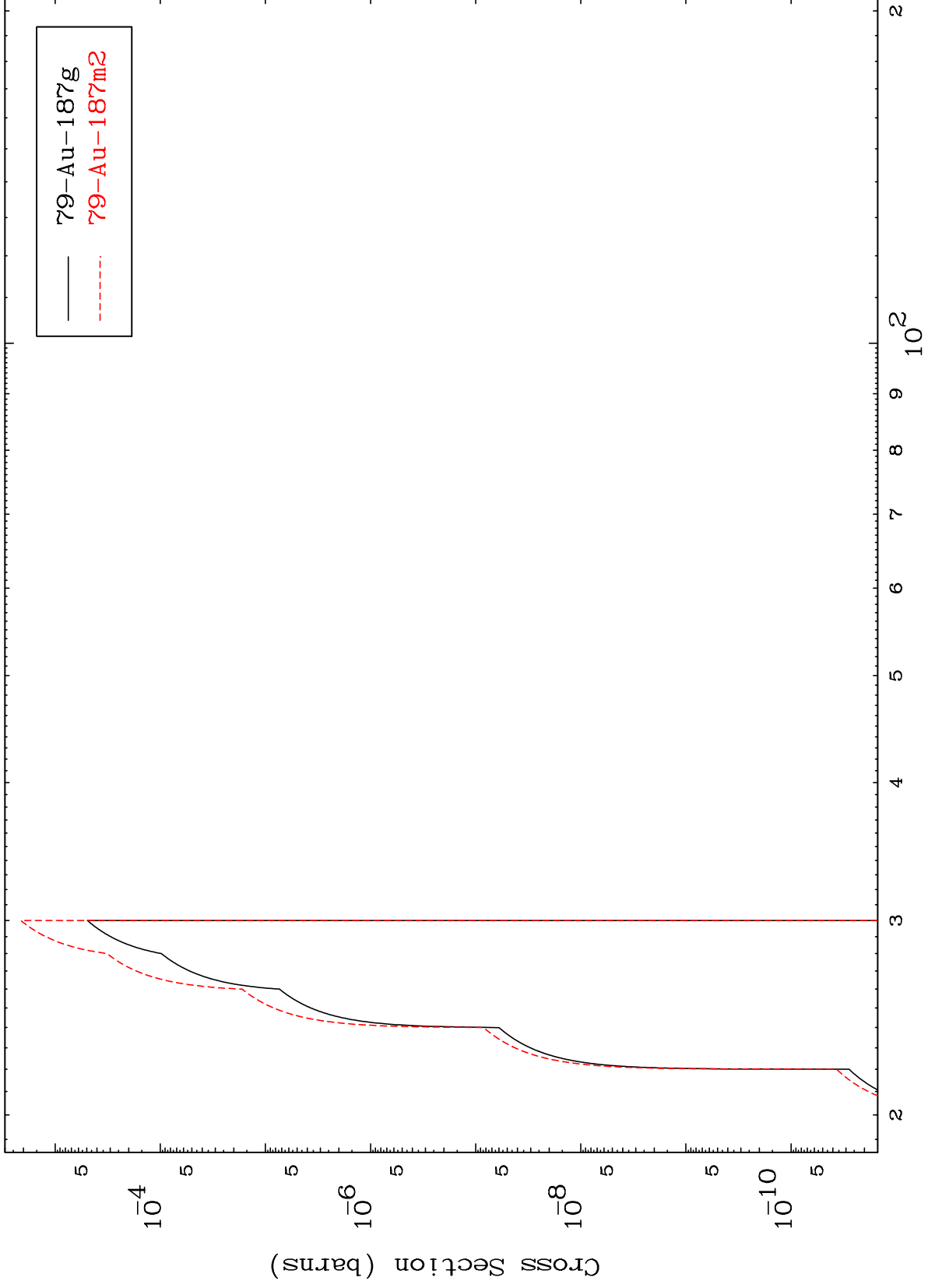
79-Au-189

MAT 7901

(d,3n) p

⁷⁹Au-189

Radionuclide Production Cross Section



20

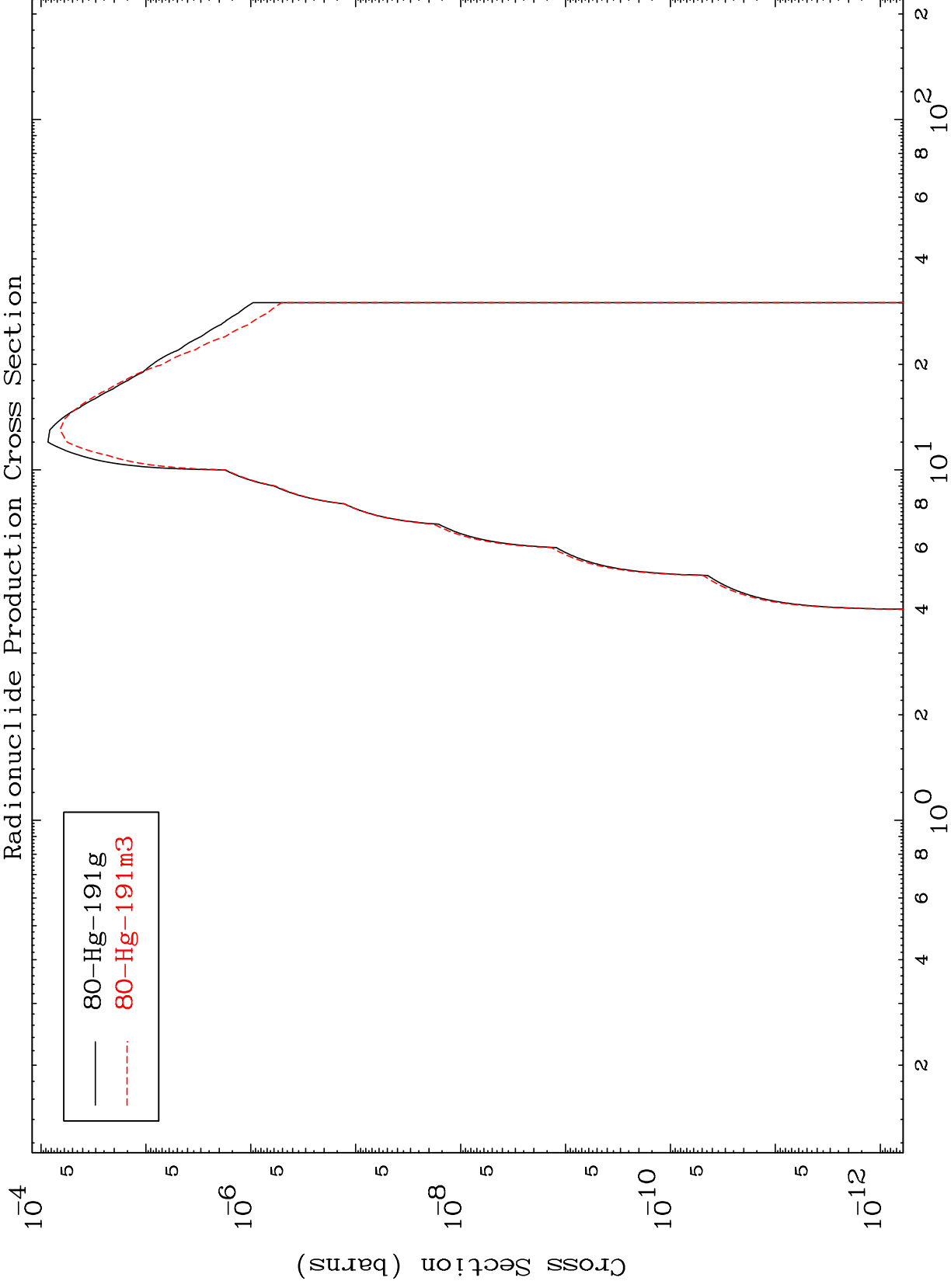
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

79-Au-189

Radionuclide Production Cross Section
(d, γ)



80-Hg-191g
80-Hg-191m3

21

79-Au-189

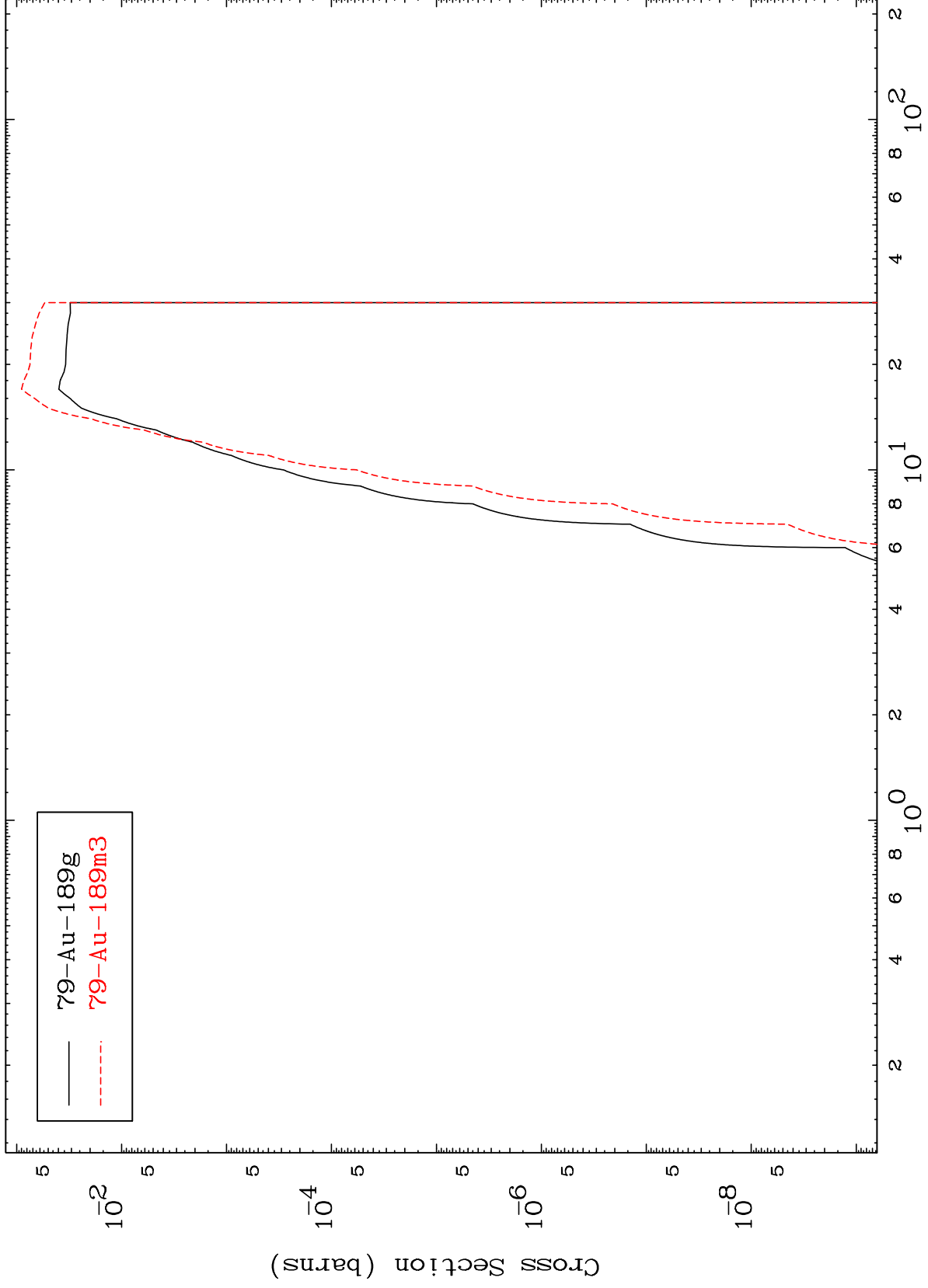
Incident Energy (MeV)

MAT 7901

(d,d)

⁷⁹Au-189

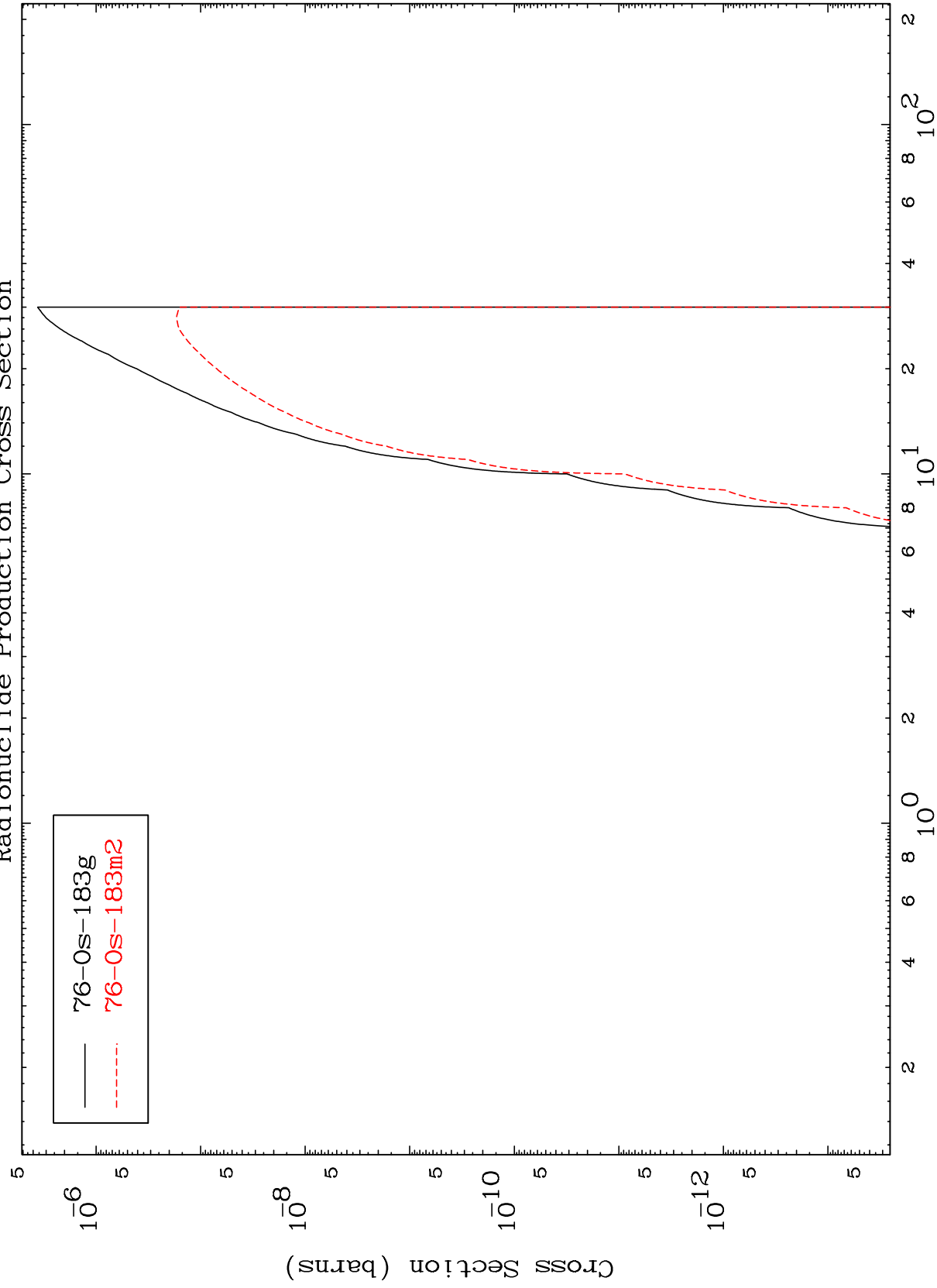
Radionuclide Production Cross Section



MAT 7901

79-Au-189

Radionuclide Production Cross Section
(d,2 α)



23

79-Au-189

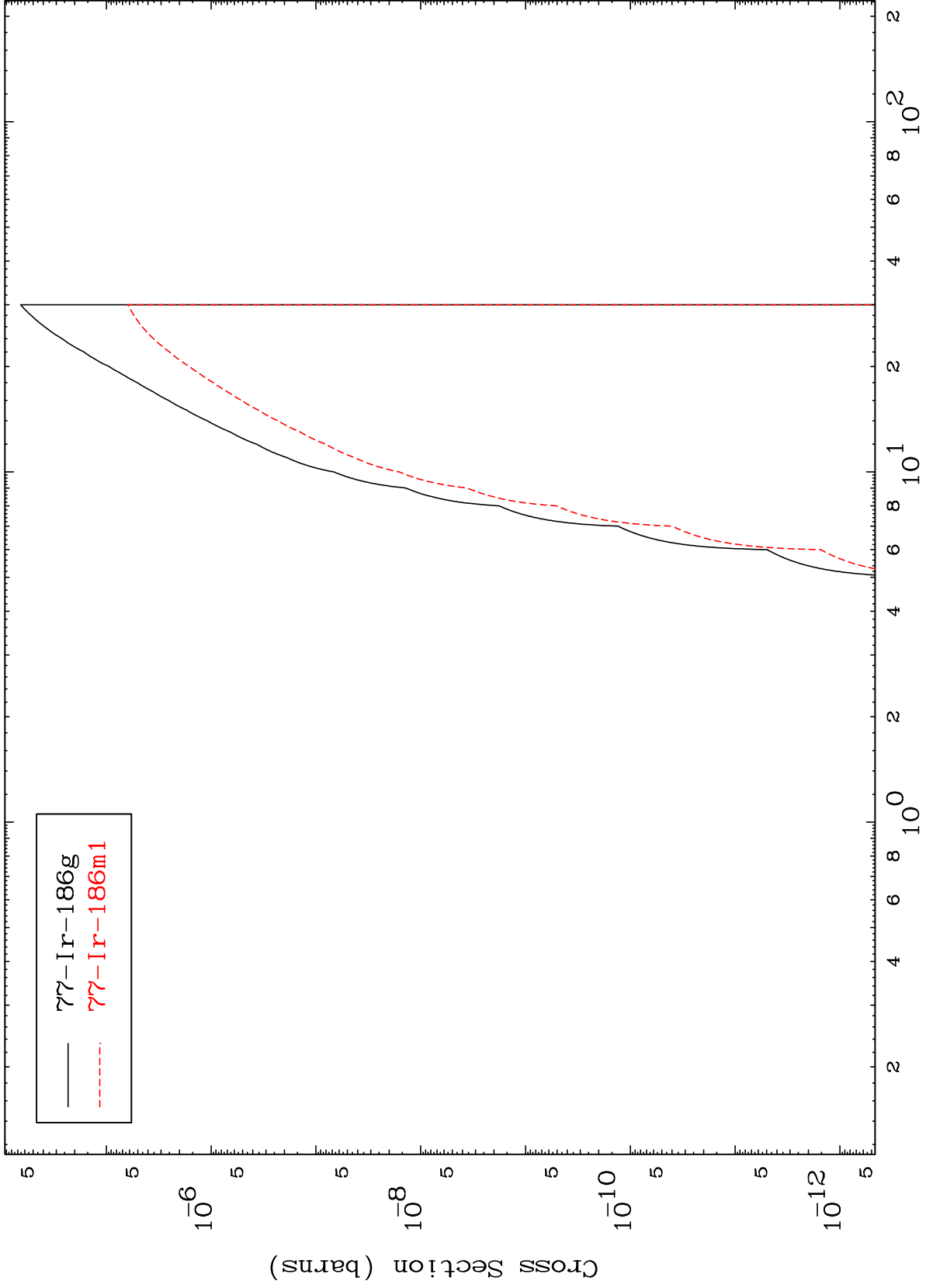
Incident Energy (MeV)

MAT 7901

(d,p) α

⁷⁹Au-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁹Au-189