

Program EVALPLOT
(Version 2018-1)

by

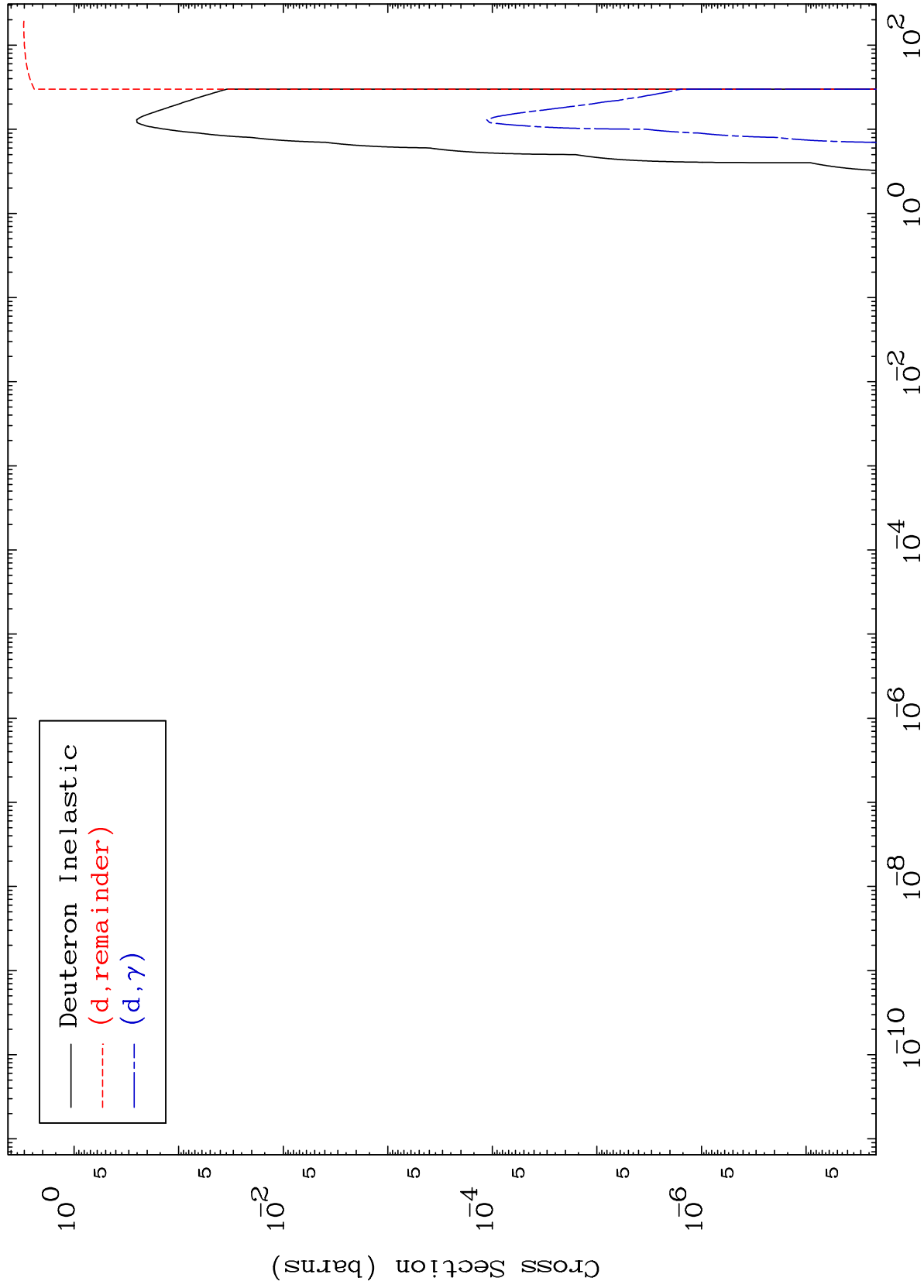
Dermott E. Cullen
(Present Contact Information)

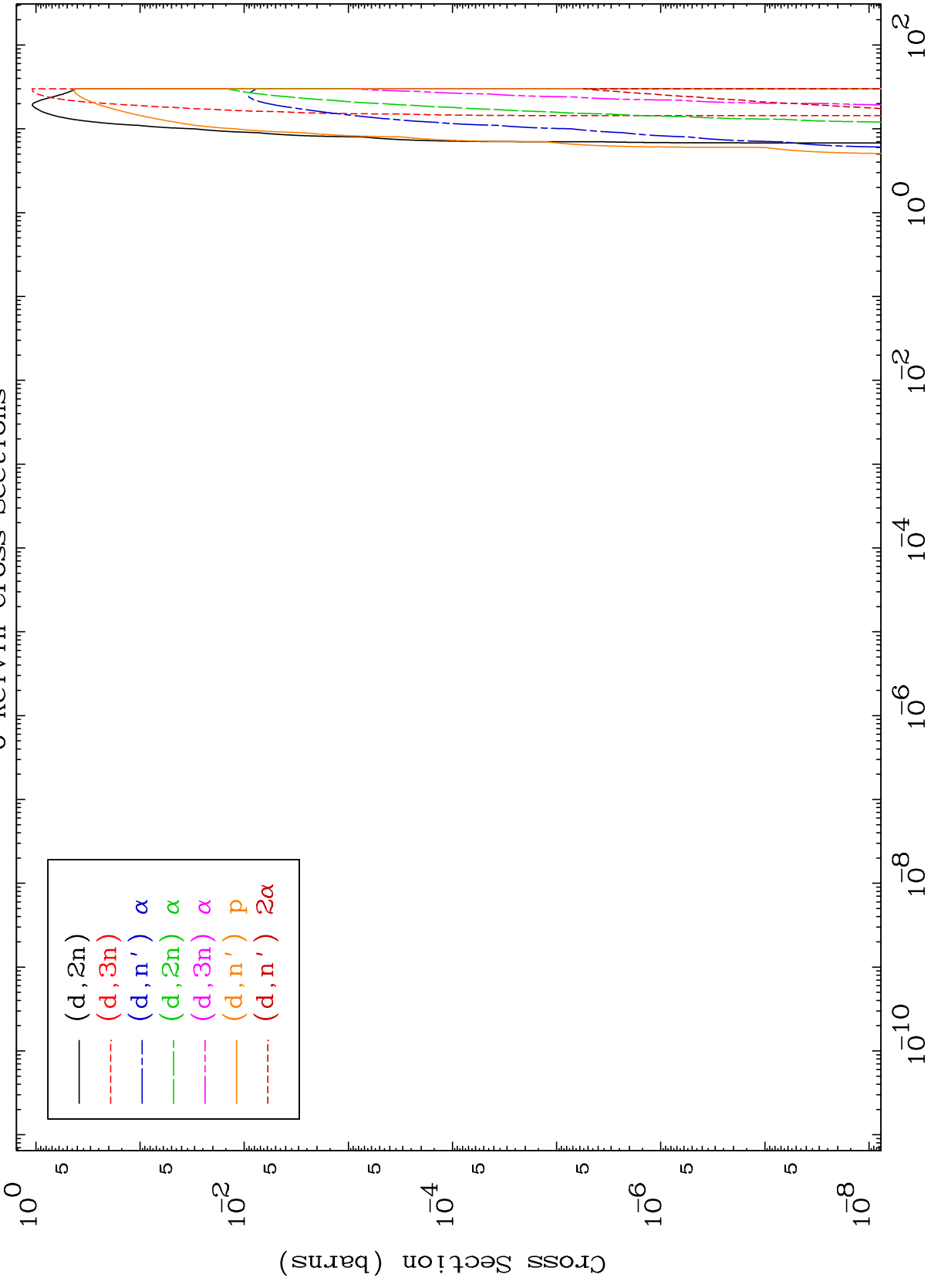
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

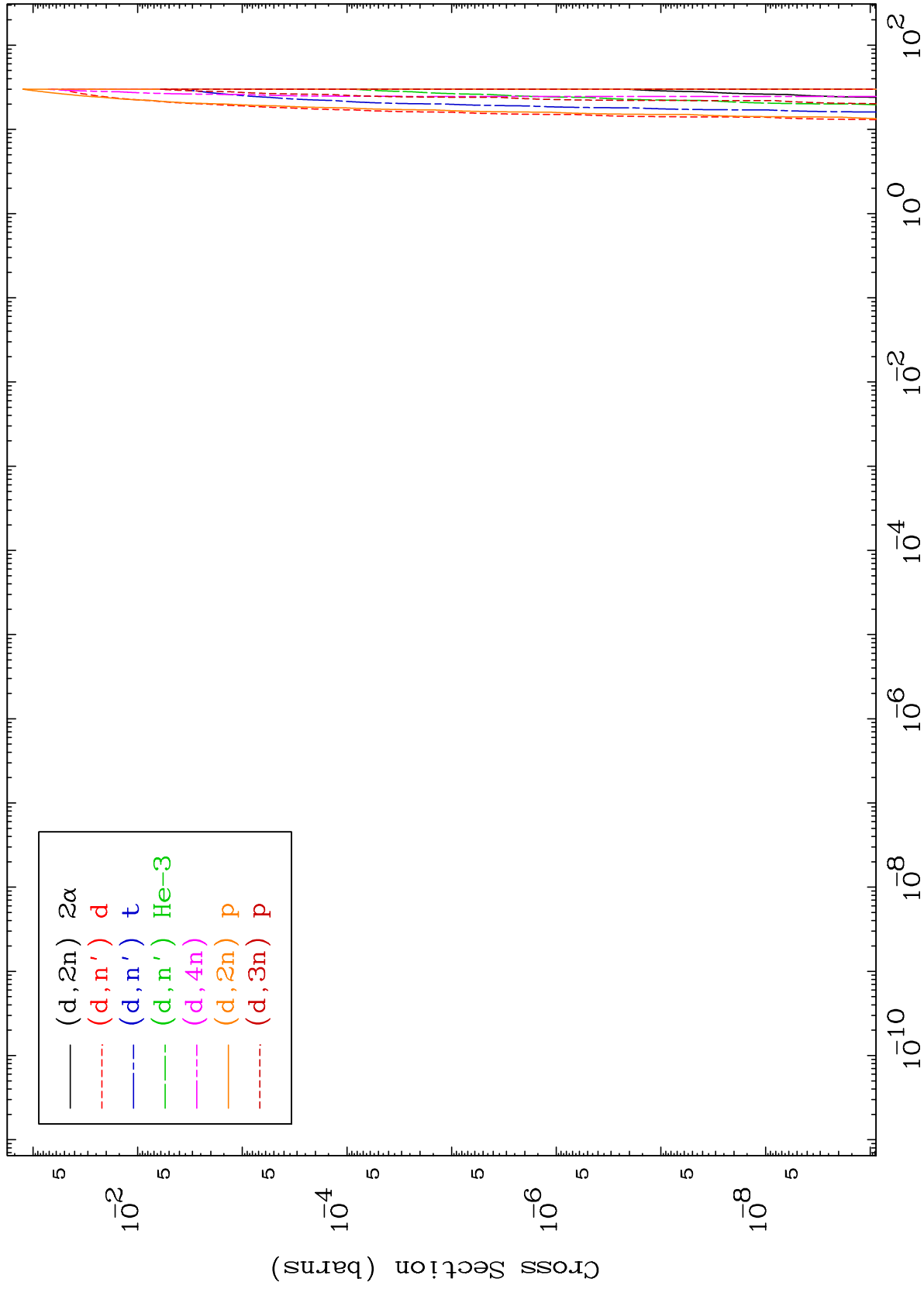
Tele: 925-443-1911

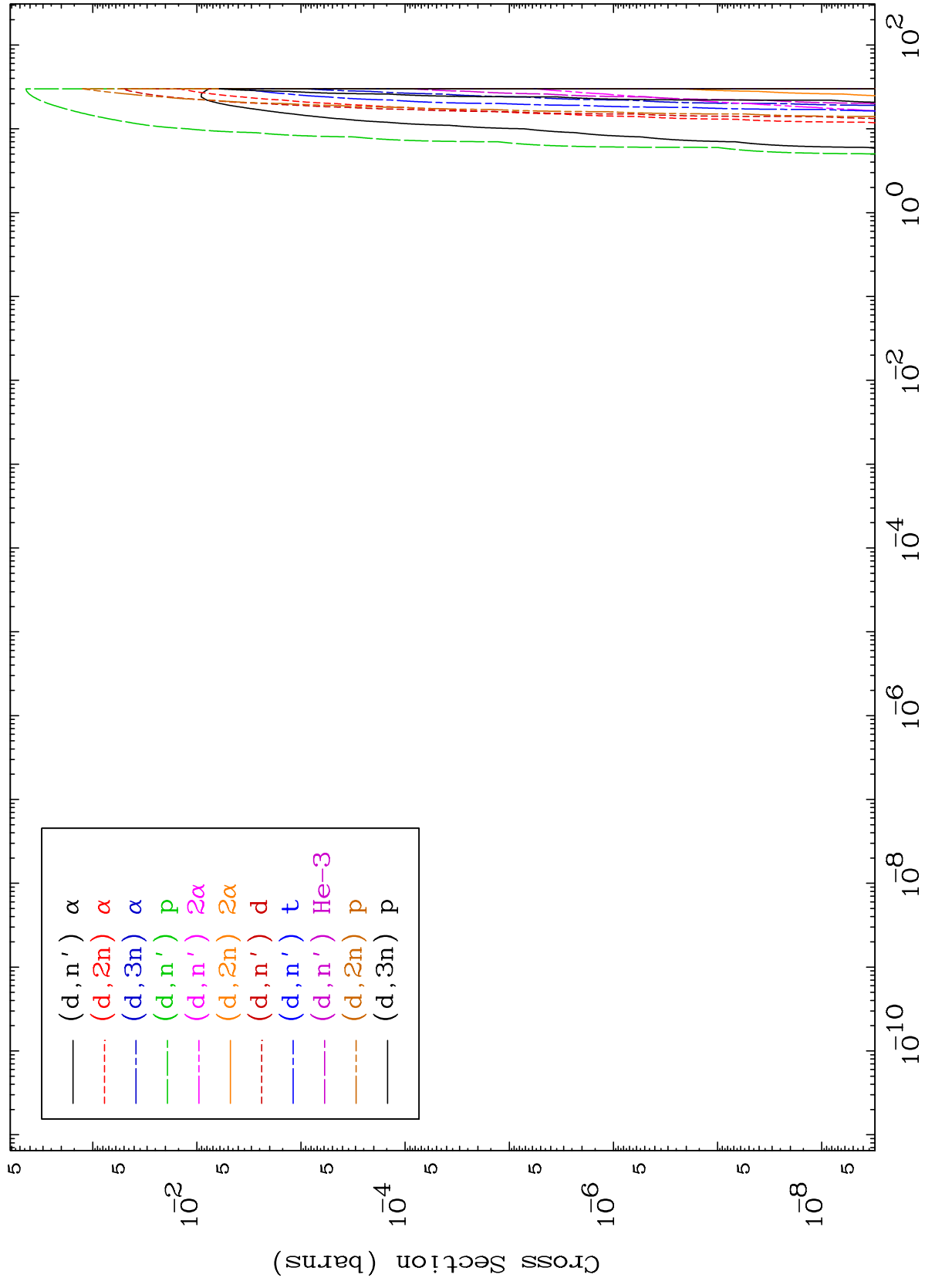
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

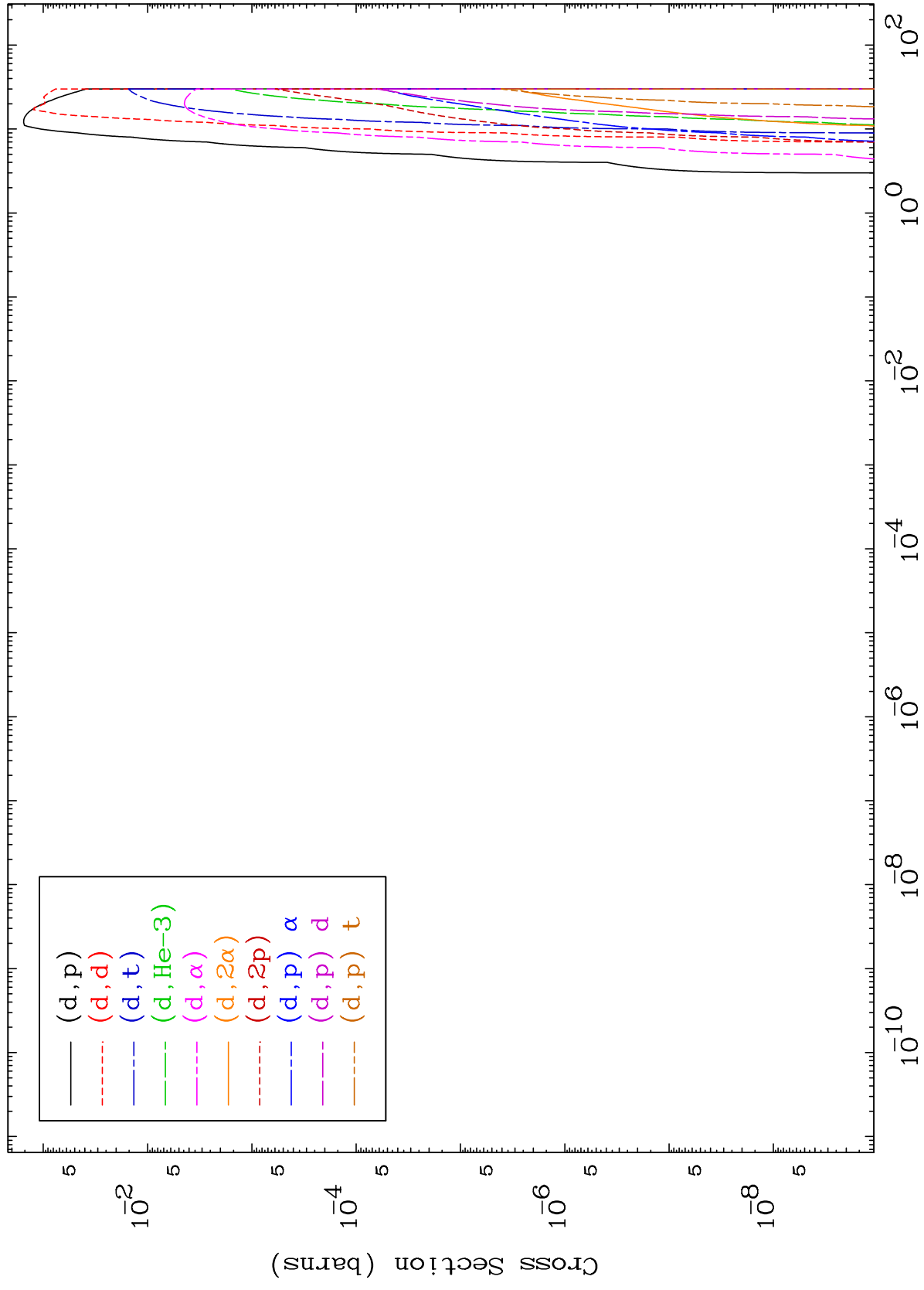
Press Mouse Button to Start







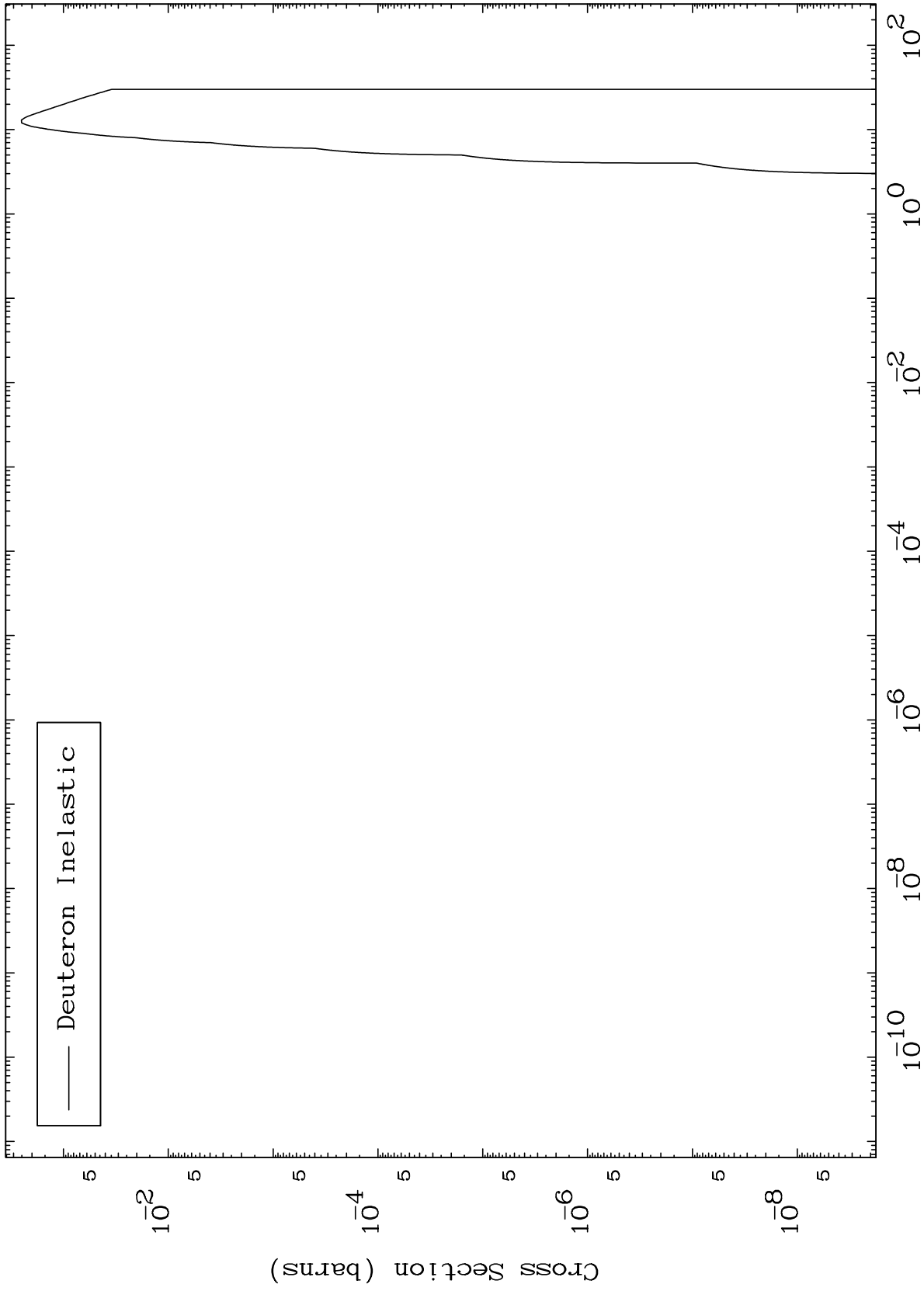




MAT 7902

(d,n') Level
0 Kelvin Cross Sections

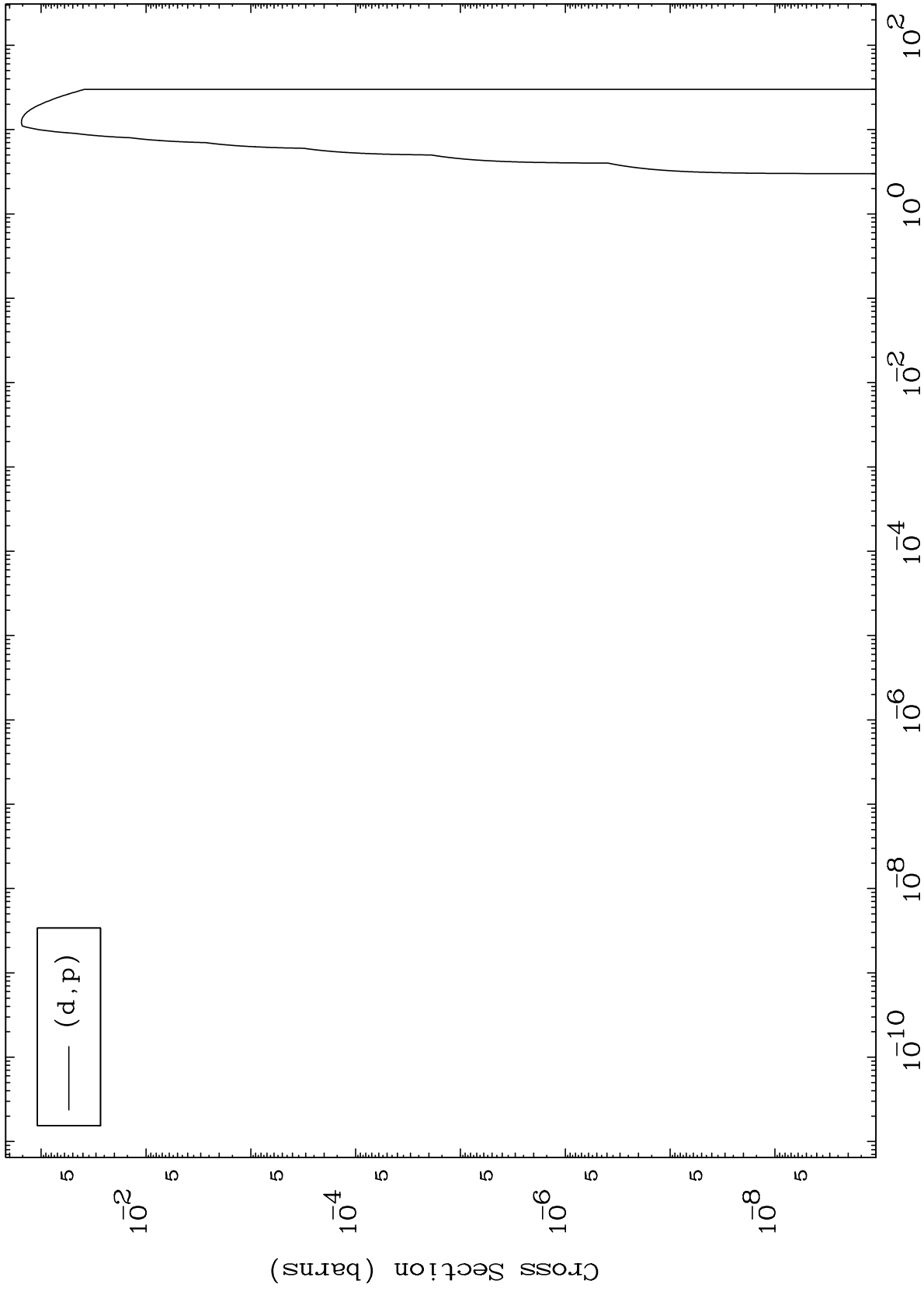
79-Au-189



MAT 7902

(d,p) Levels
0 Kelvin Cross Sections

79-Au-189



7

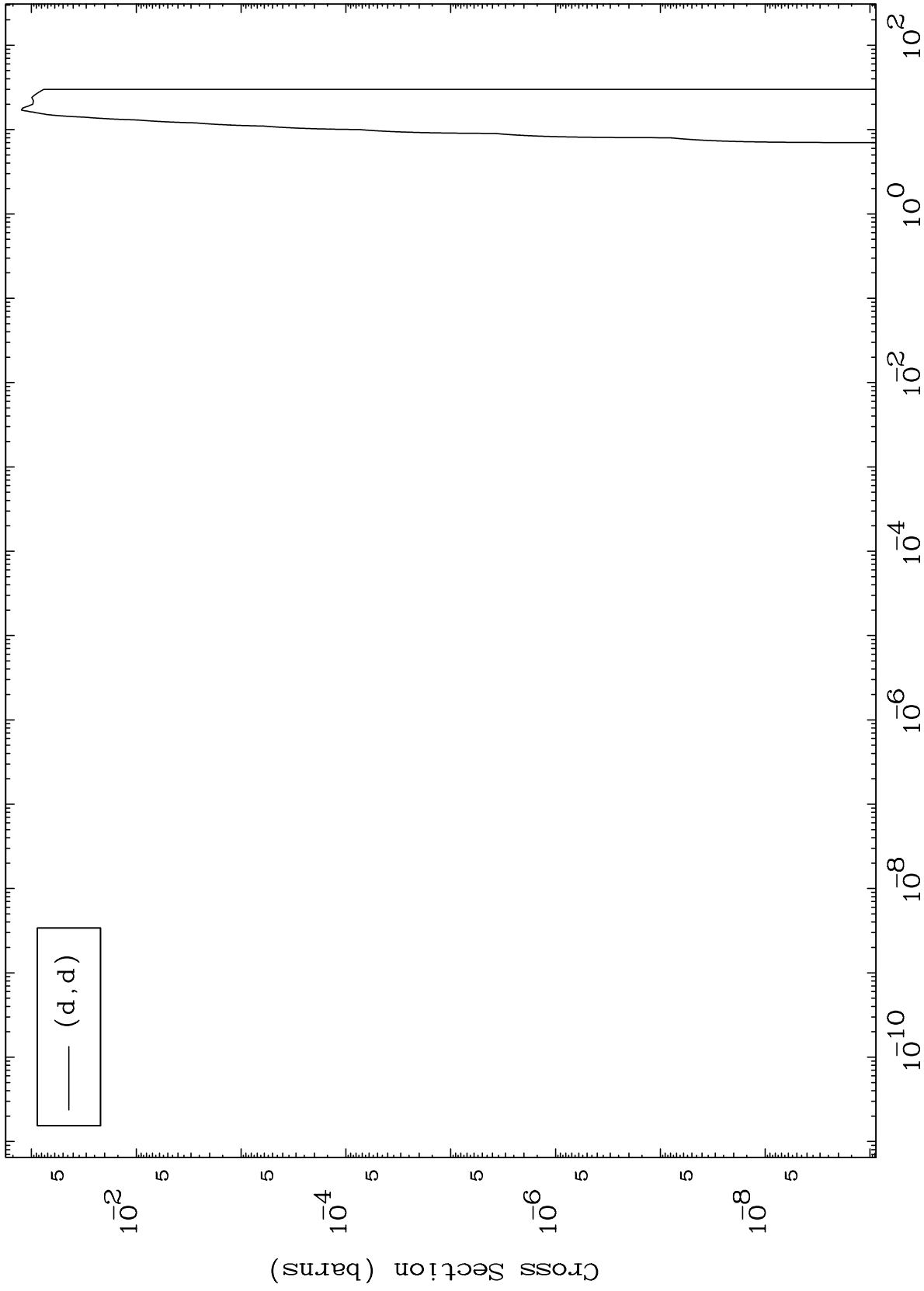
Incident Energy (MeV)

79-Au-189

MAT 7902

(d,d) Levels
0 Kelvin Cross Sections

79-Au-189



8

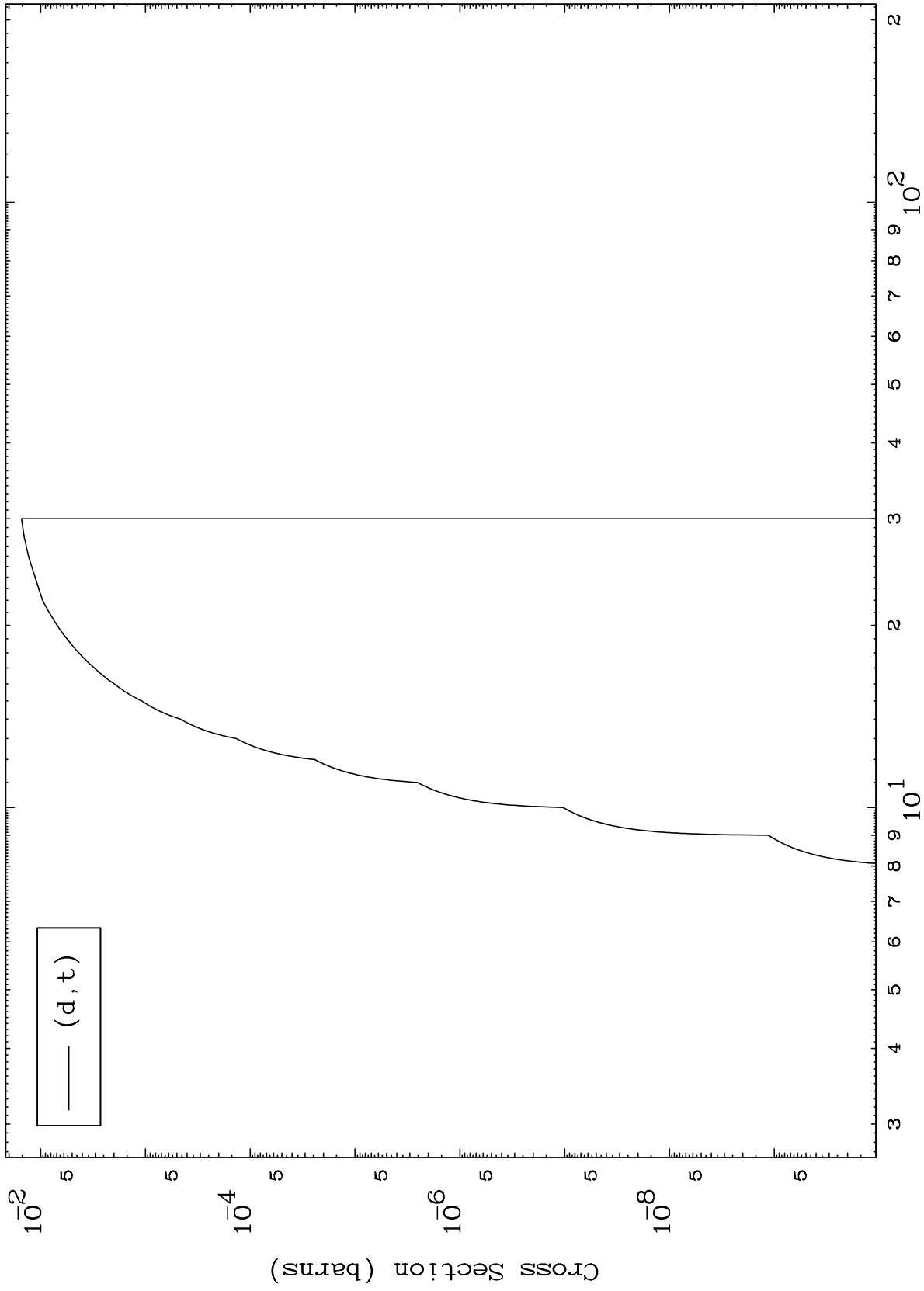
Incident Energy (MeV)

79-Au-189

MAT 7902

(d,t) Levels
0 Kelvin Cross Sections

79-Au-189



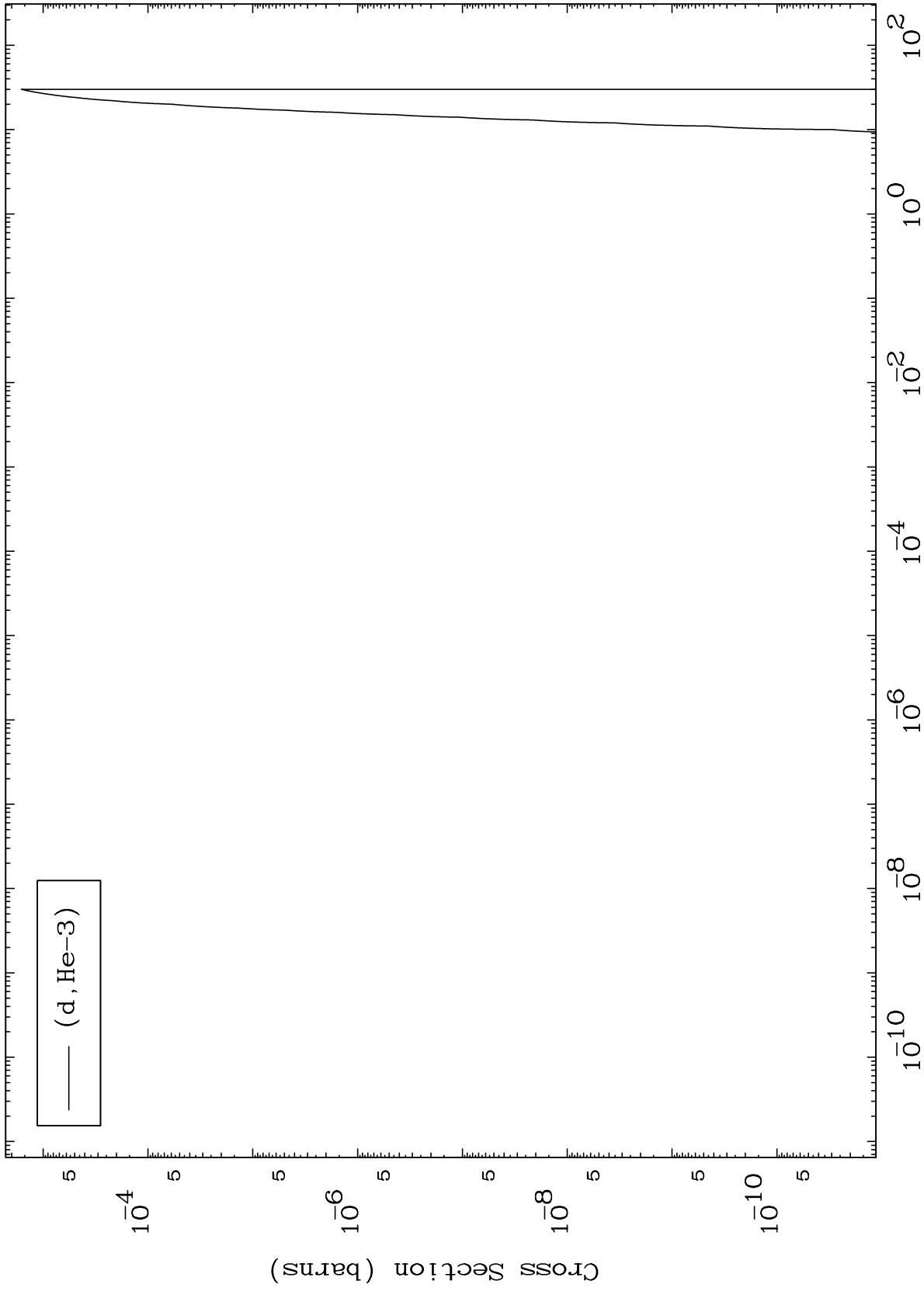
9

79-Au-189

MAT 7902

(d,He3) Levels
0 Kelvin Cross Sections

79-Au-189



10

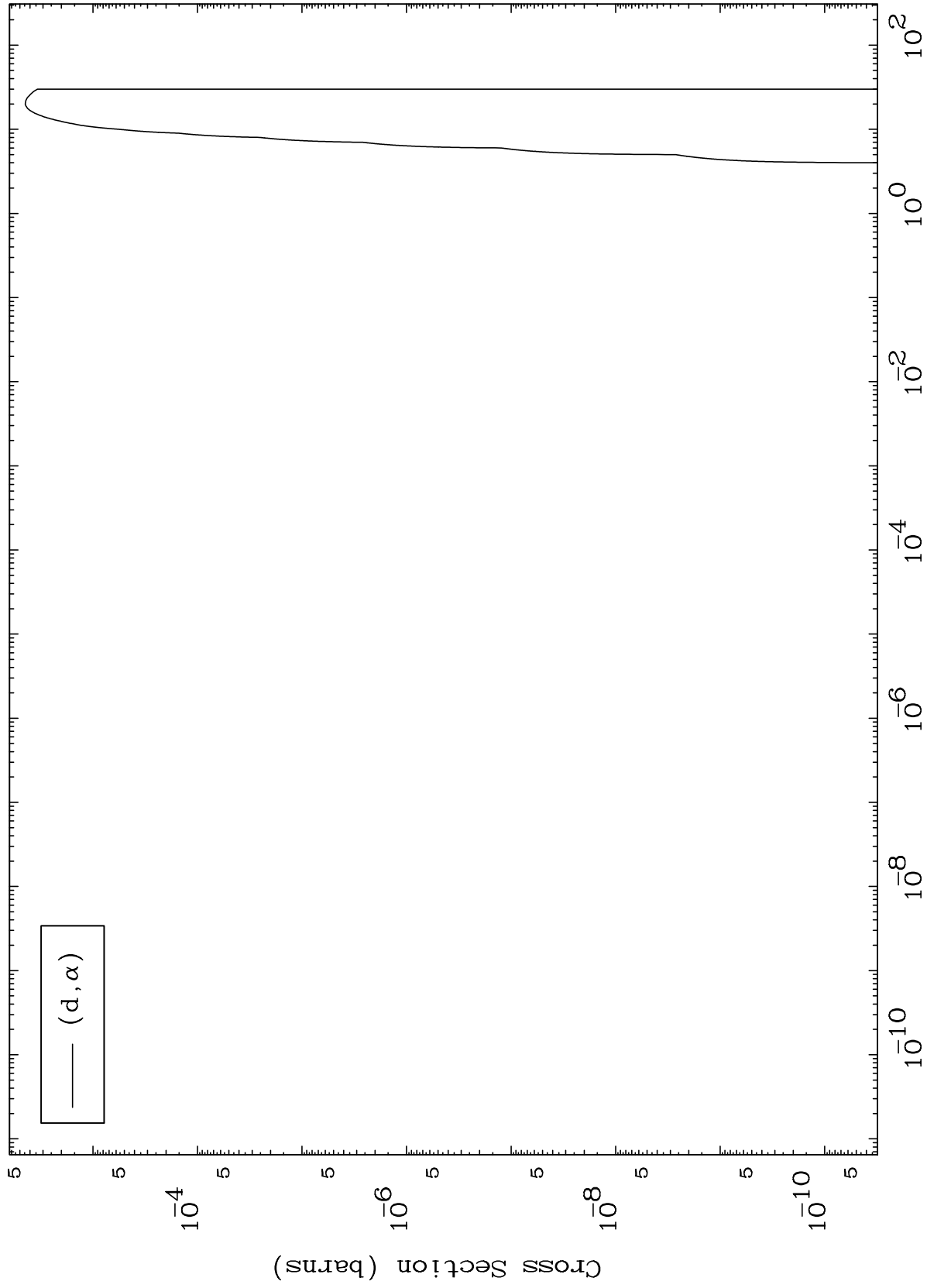
Incident Energy (MeV)

79-Au-189

MAT 7902

(d, α) Levels
0 Kelvin Cross Sections

79-Au-189



11

Incident Energy (MeV)

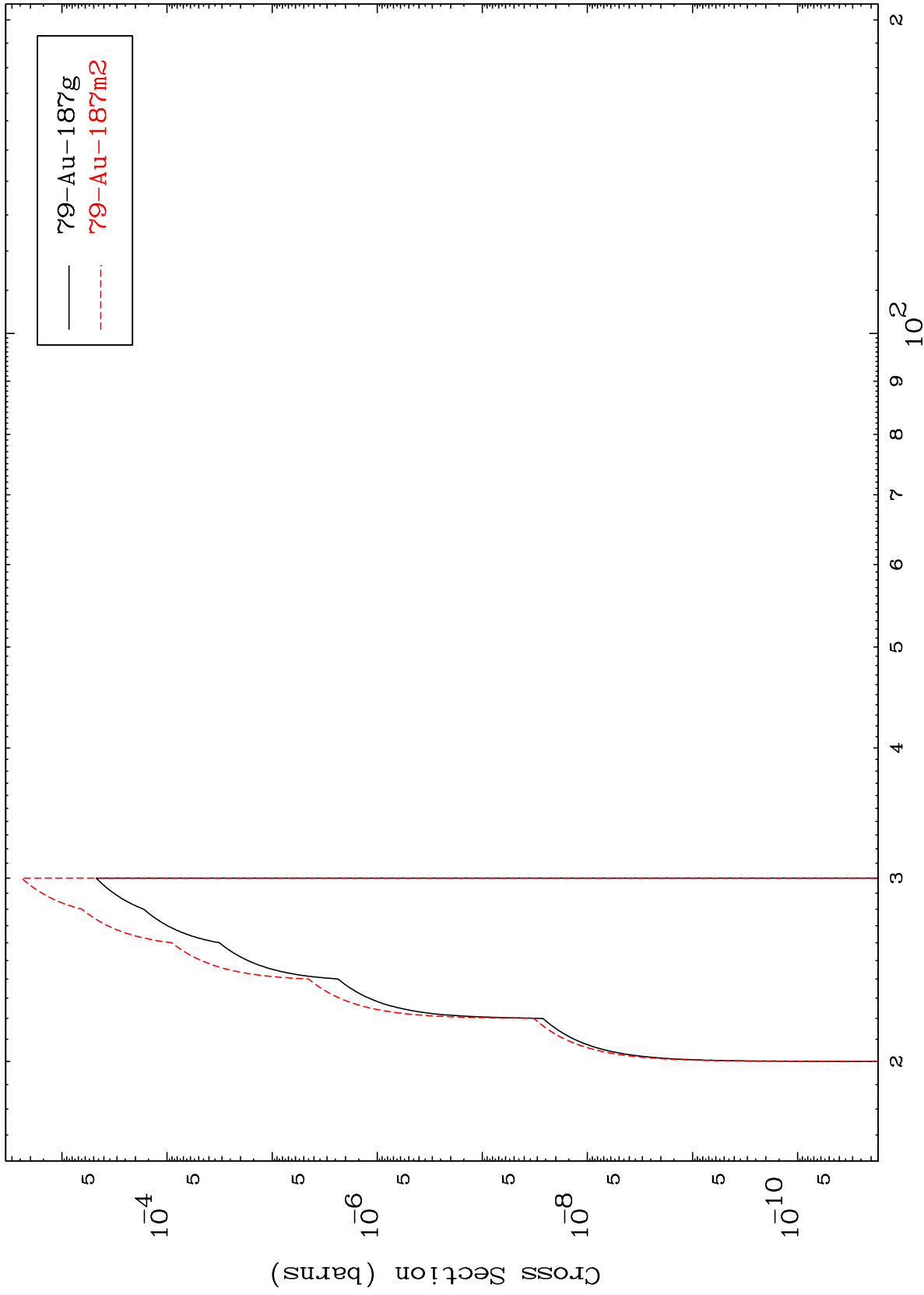
79-Au-189

MAT 7902

(d,2n) d

⁷⁹Au-189

Radionuclide Production Cross Section



12

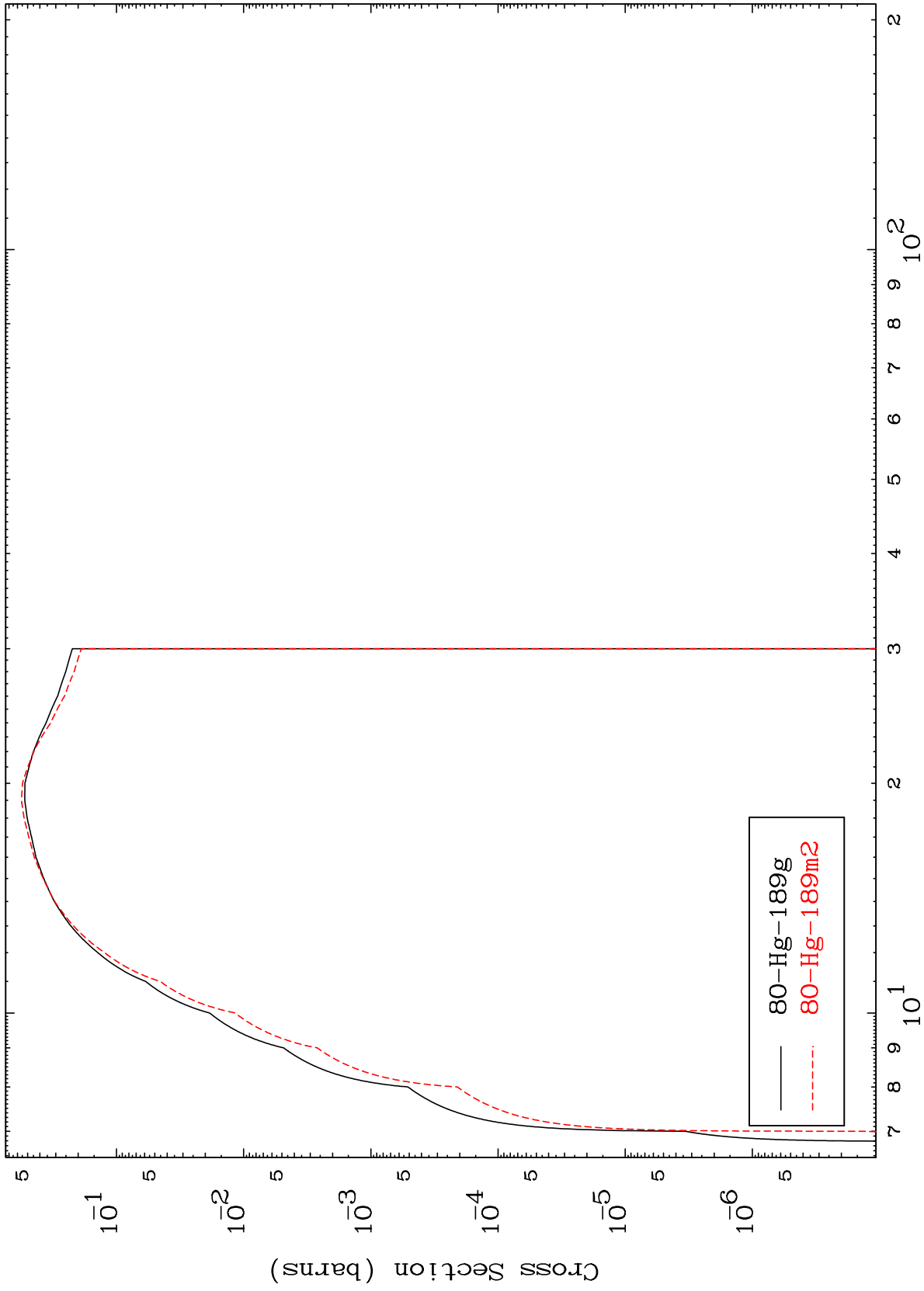
Incident Energy (MeV)

⁷⁹Au-189

MAT 7902

79-Au-189

(d,2n)
Radionuclide Production Cross Section



79-Au-189

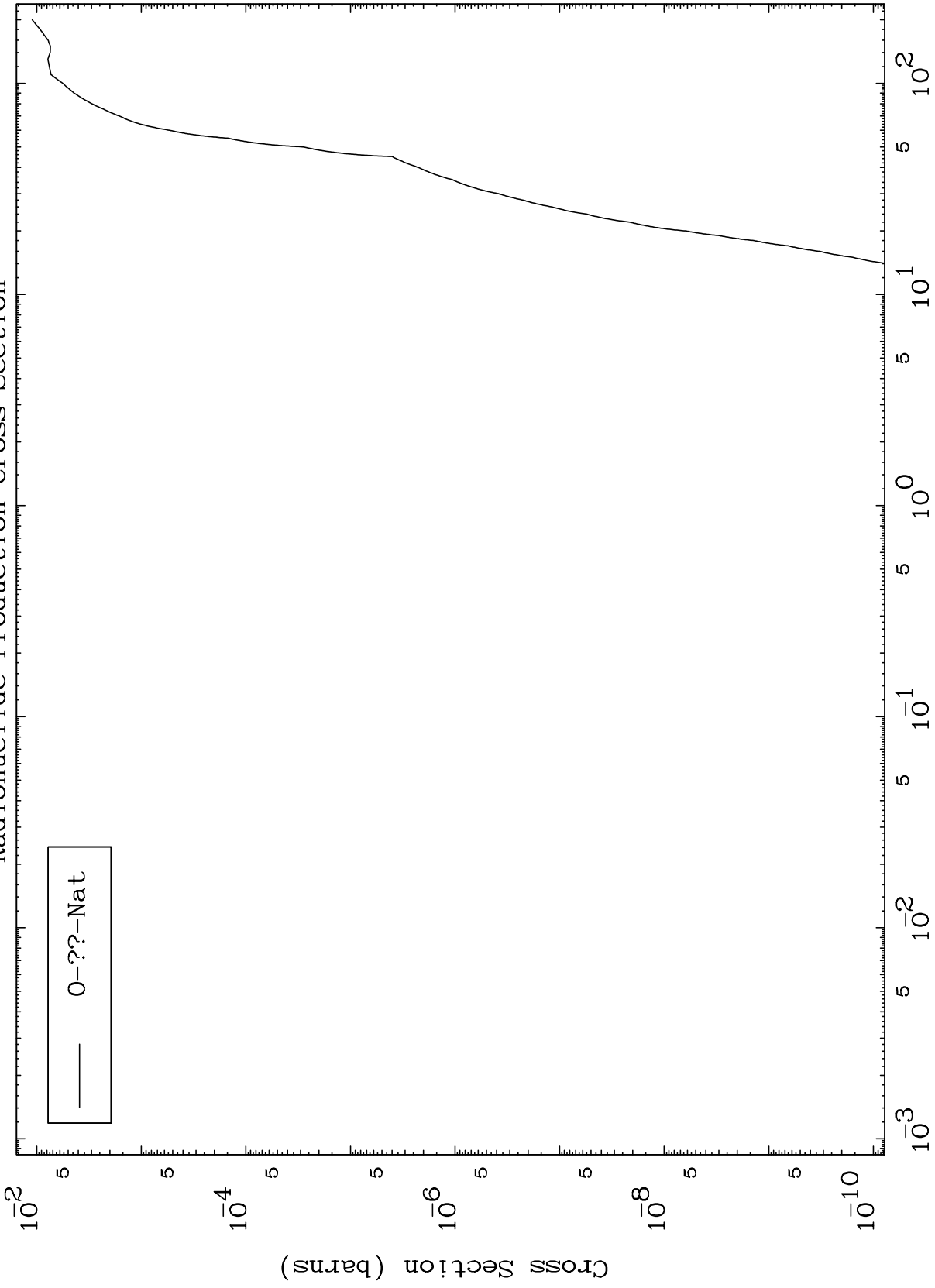
Incident Energy (MeV)

13

MAT 7902

Deuteron Fission
Radionuclide Production Cross Section

79-Au-189



14

Incident Energy (MeV)

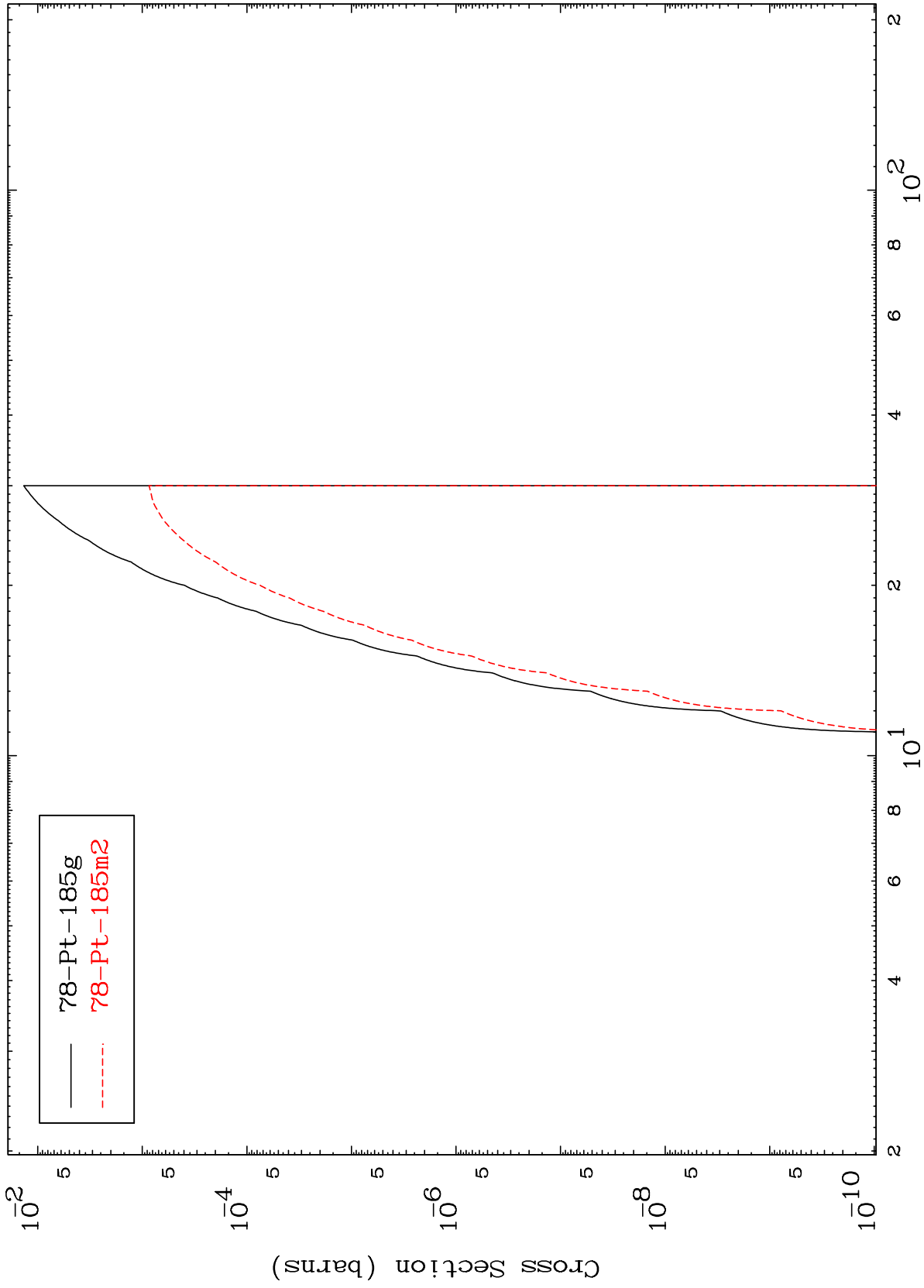
79-Au-189

MAT 7902

$(d,2n) \alpha$

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

Radionuclide Production Cross Section



15

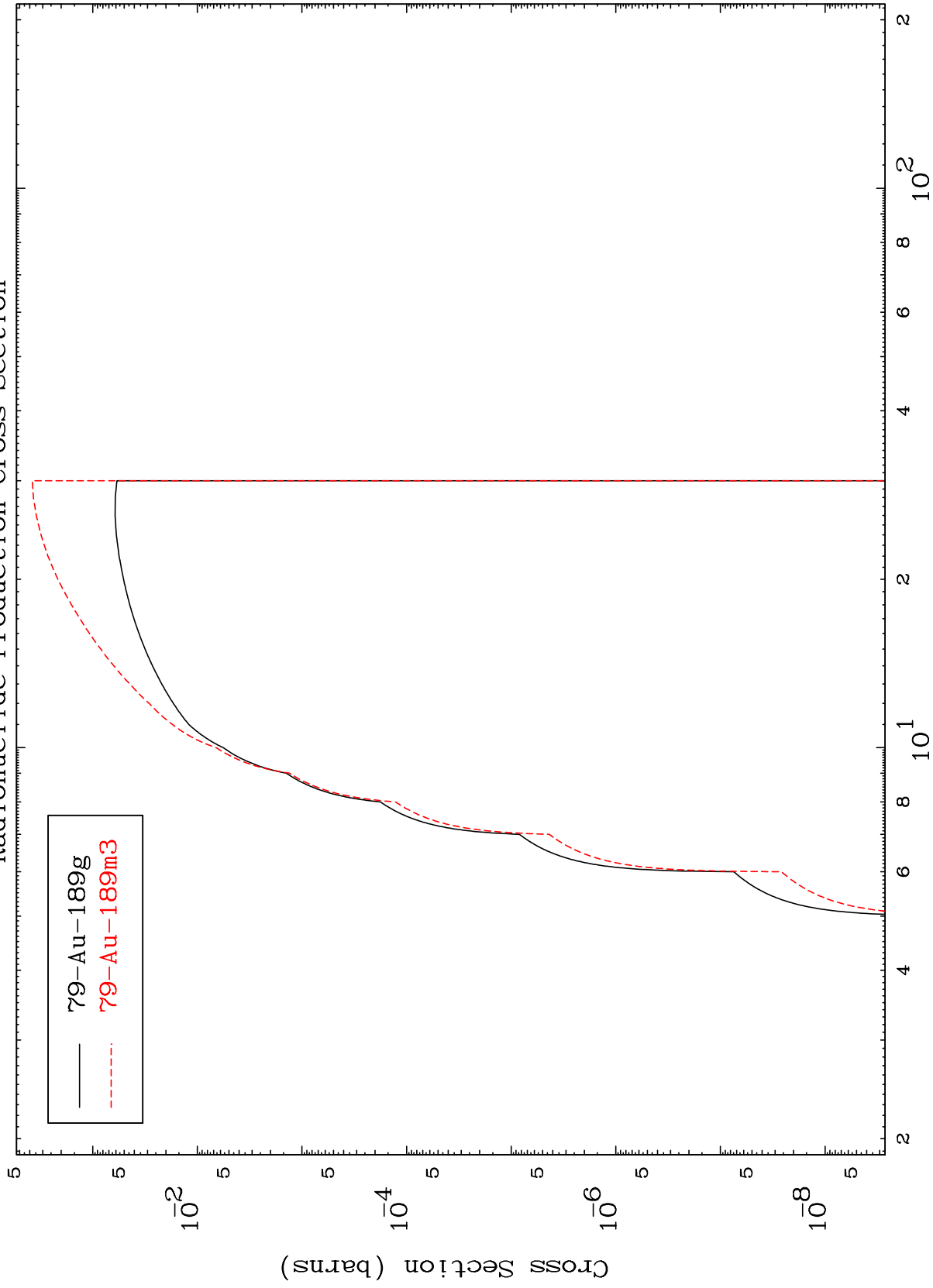
$^{79}\text{Au-189}$

MAT 7902

(d,n') p

⁷⁹Au-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

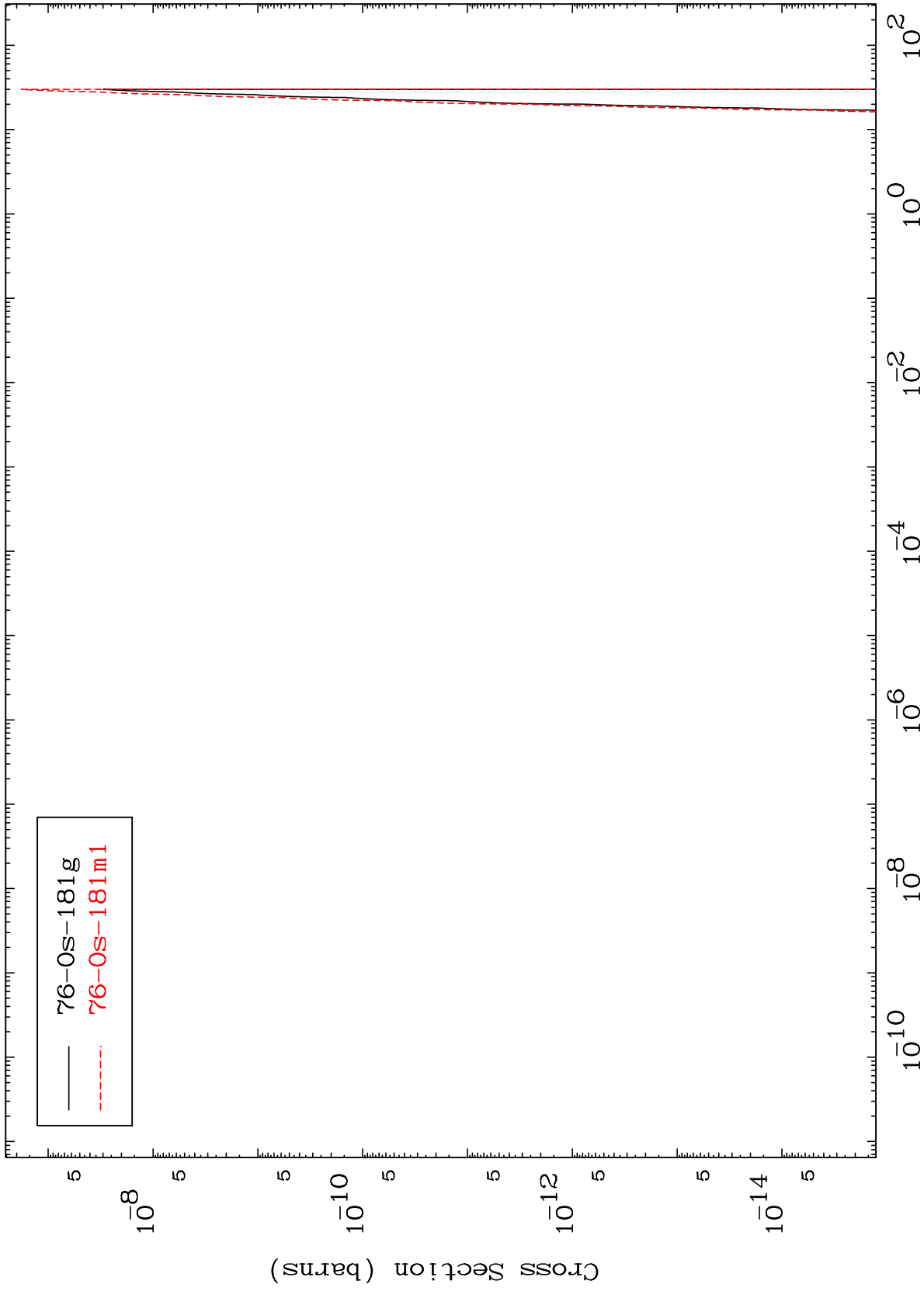
⁷⁹Au-189

MAT 7902

(d,2n) 2 α

79-Au-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

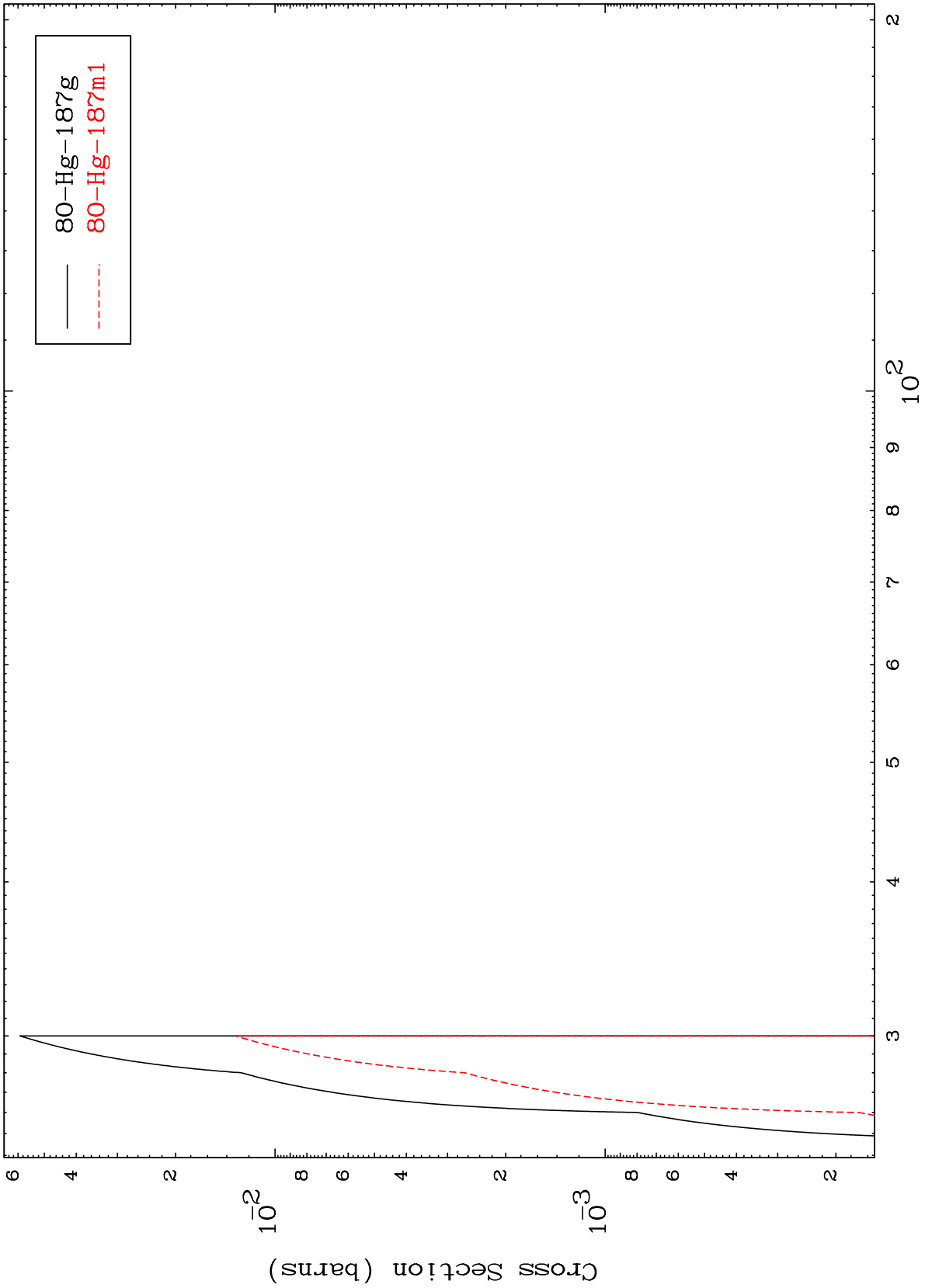
79-Au-189

MAT 7902

(d,4n)

79-Au-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

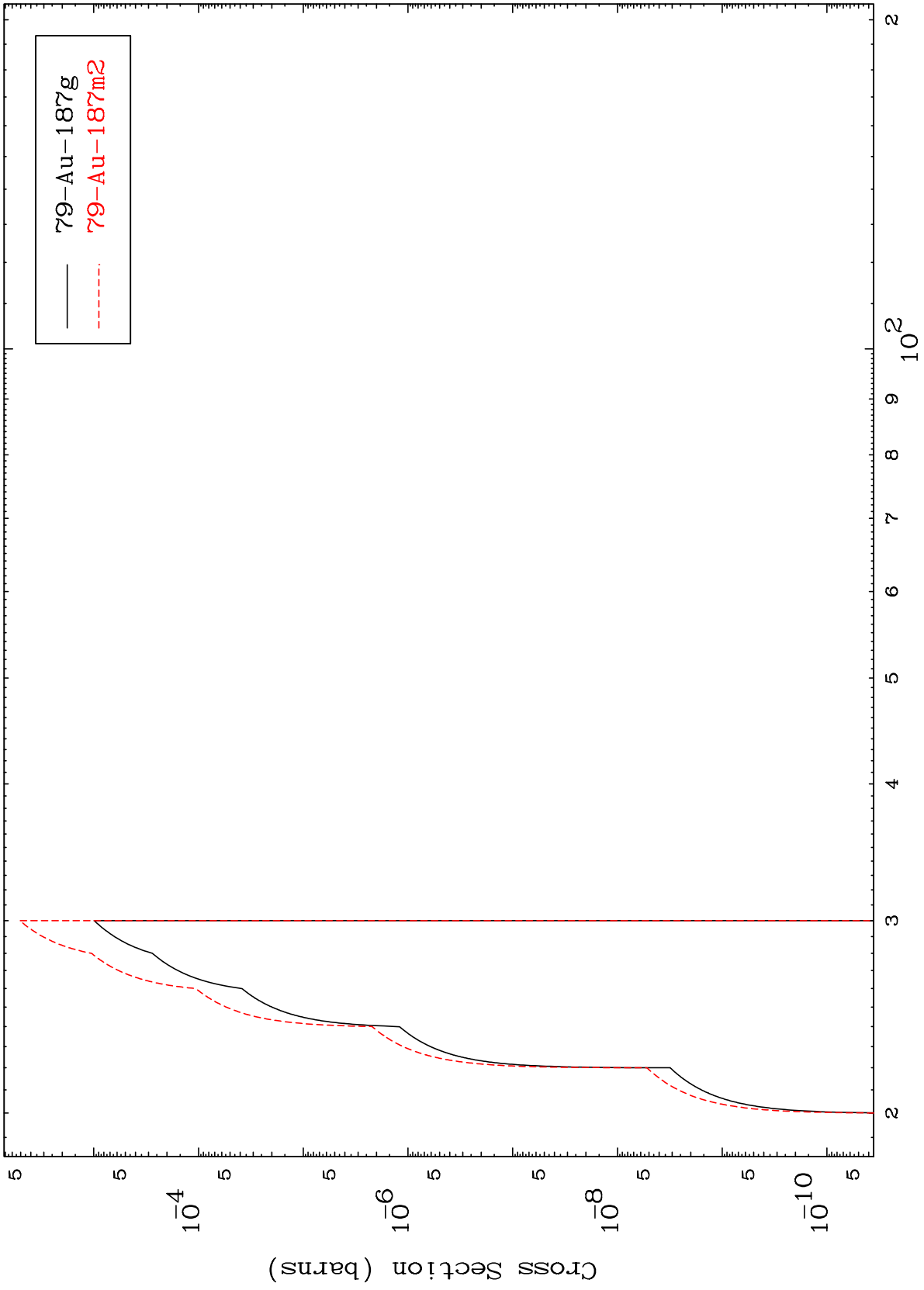
79-Au-189

MAT 7902

(d,3n) p

⁷⁹Au-189

Radionuclide Production Cross Section



20

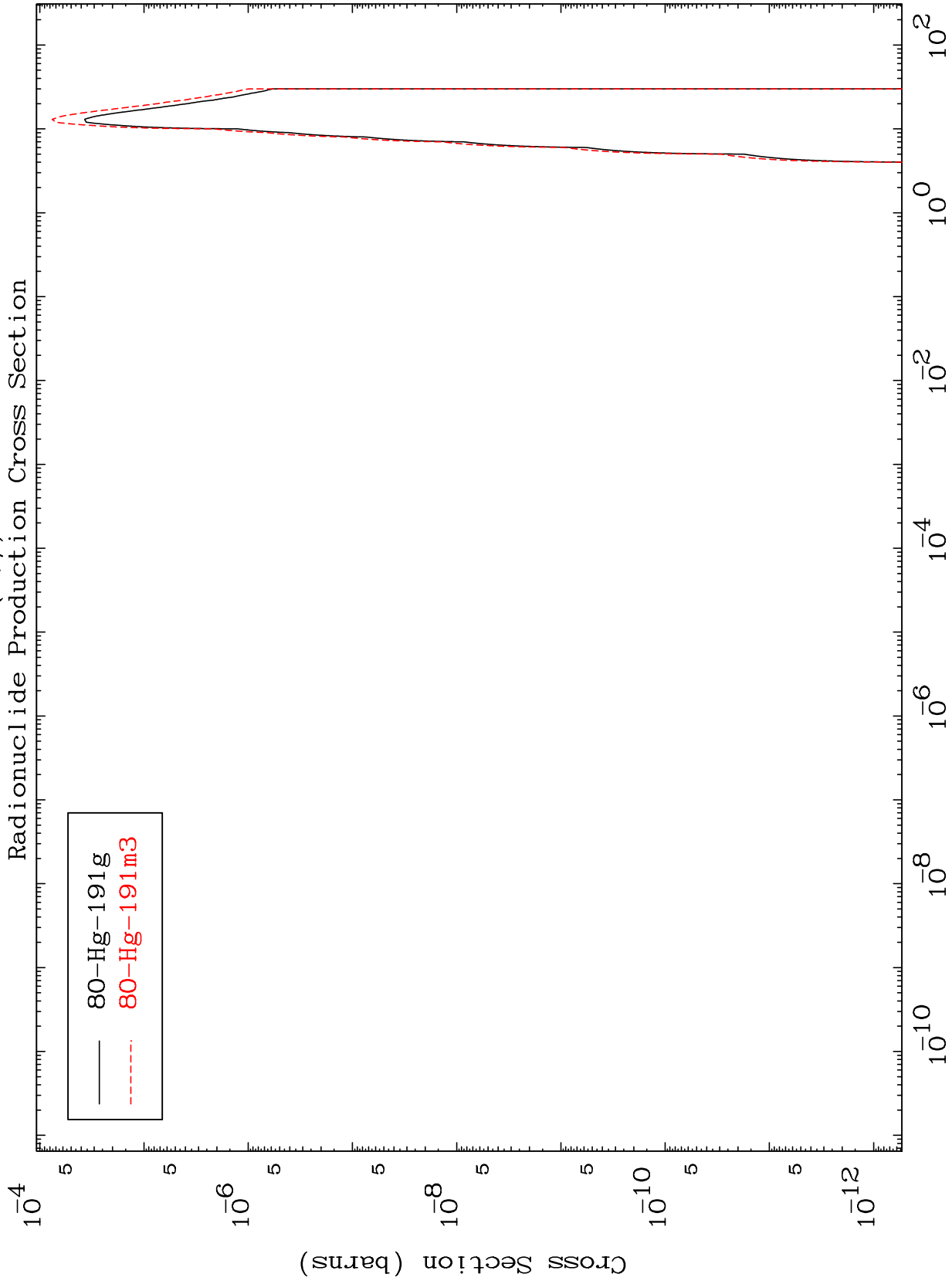
Incident Energy (MeV)

⁷⁹Au-189

MAT 7902

Radionuclide Production Cross Section
(d,γ)

⁷⁹Au-189

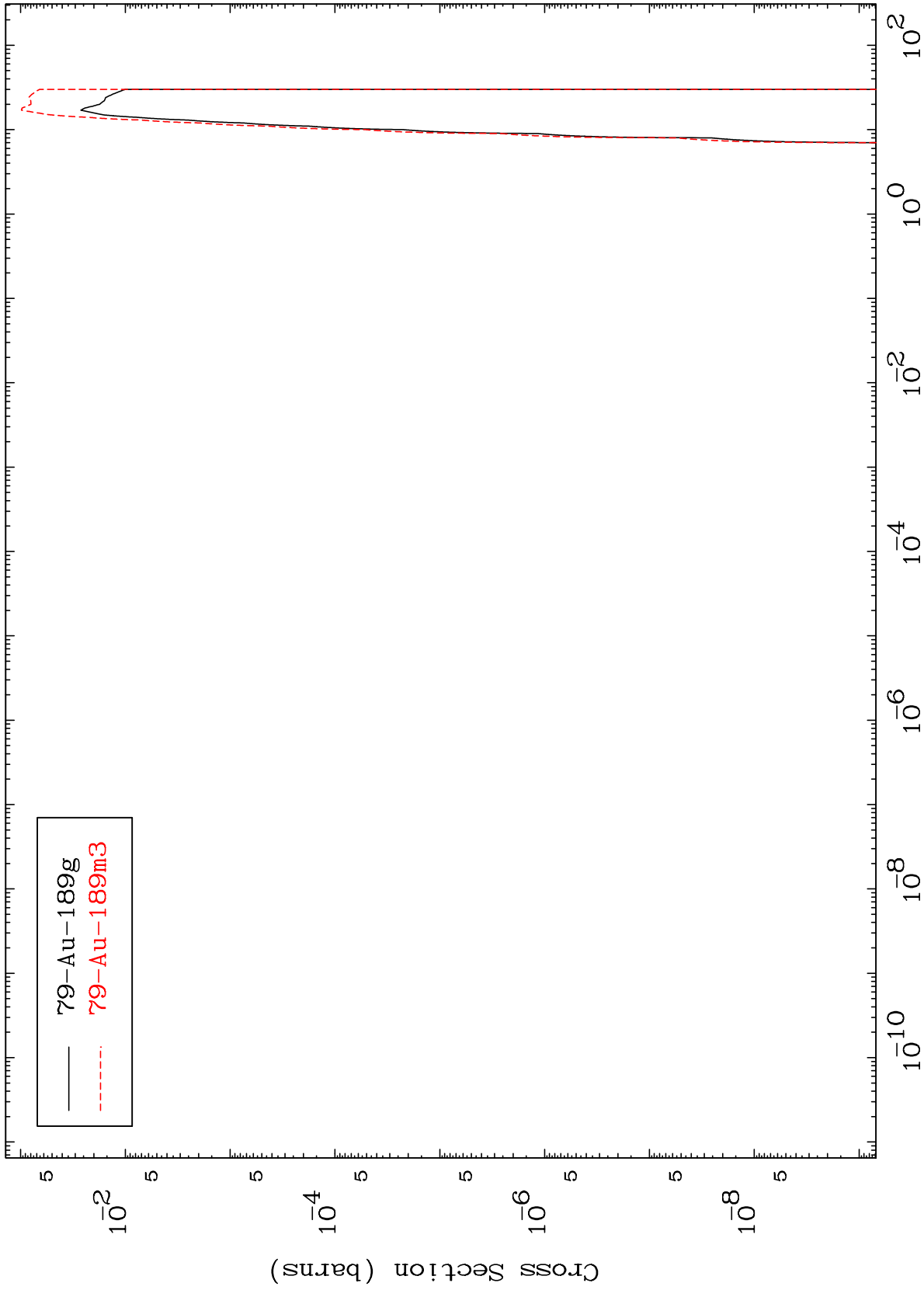


MAT 7902

(d,d)

⁷⁹Au-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

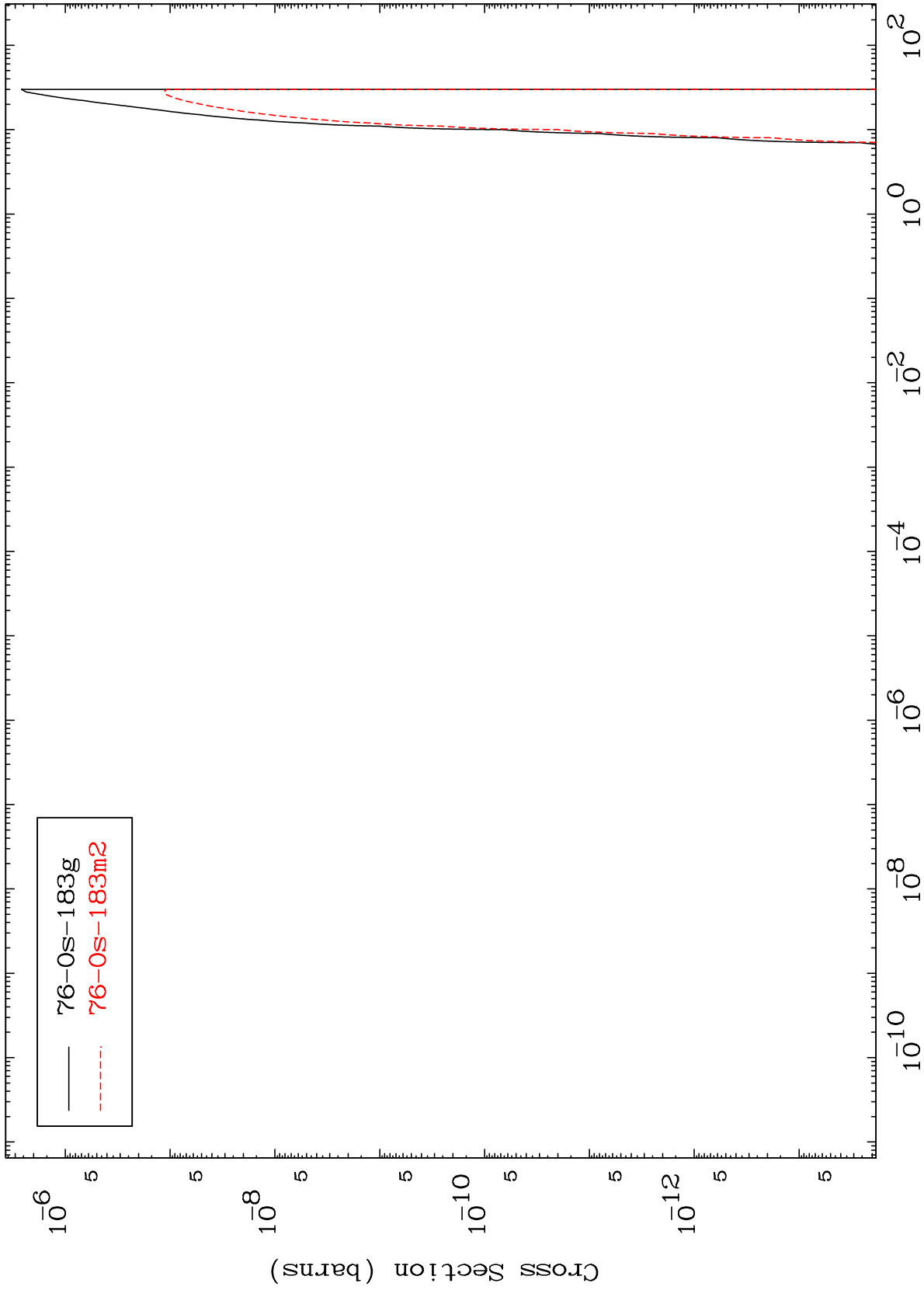
⁷⁹Au-189

MAT 7902

(d,2α)

⁷⁹Au-189

Radionuclide Production Cross Section



23

Incident Energy (MeV)

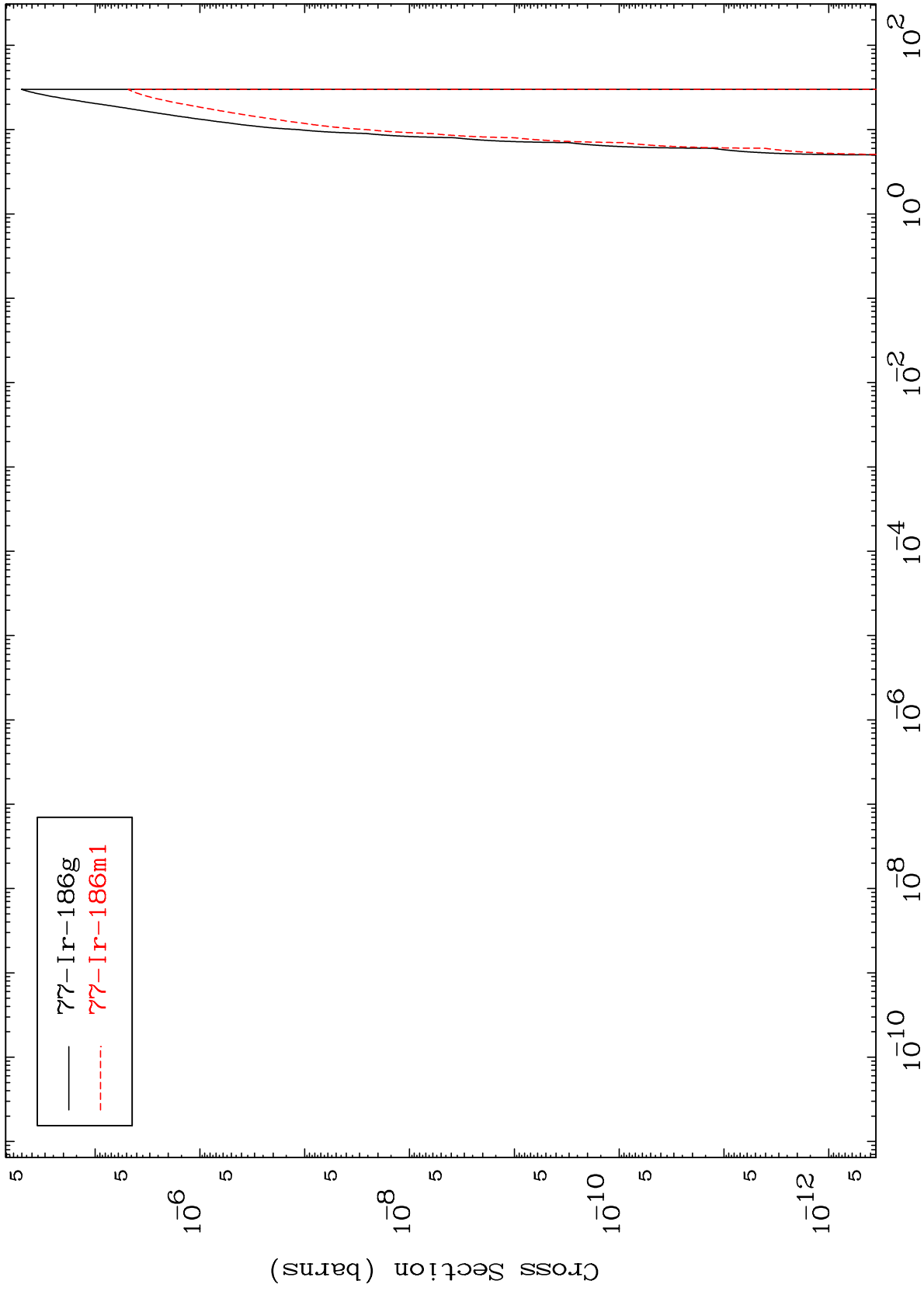
⁷⁹Au-189

MAT 7902

(d,p) α

⁷⁹Au-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁹Au-189