

Program EVALPLOT
(Version 2018-1)

by

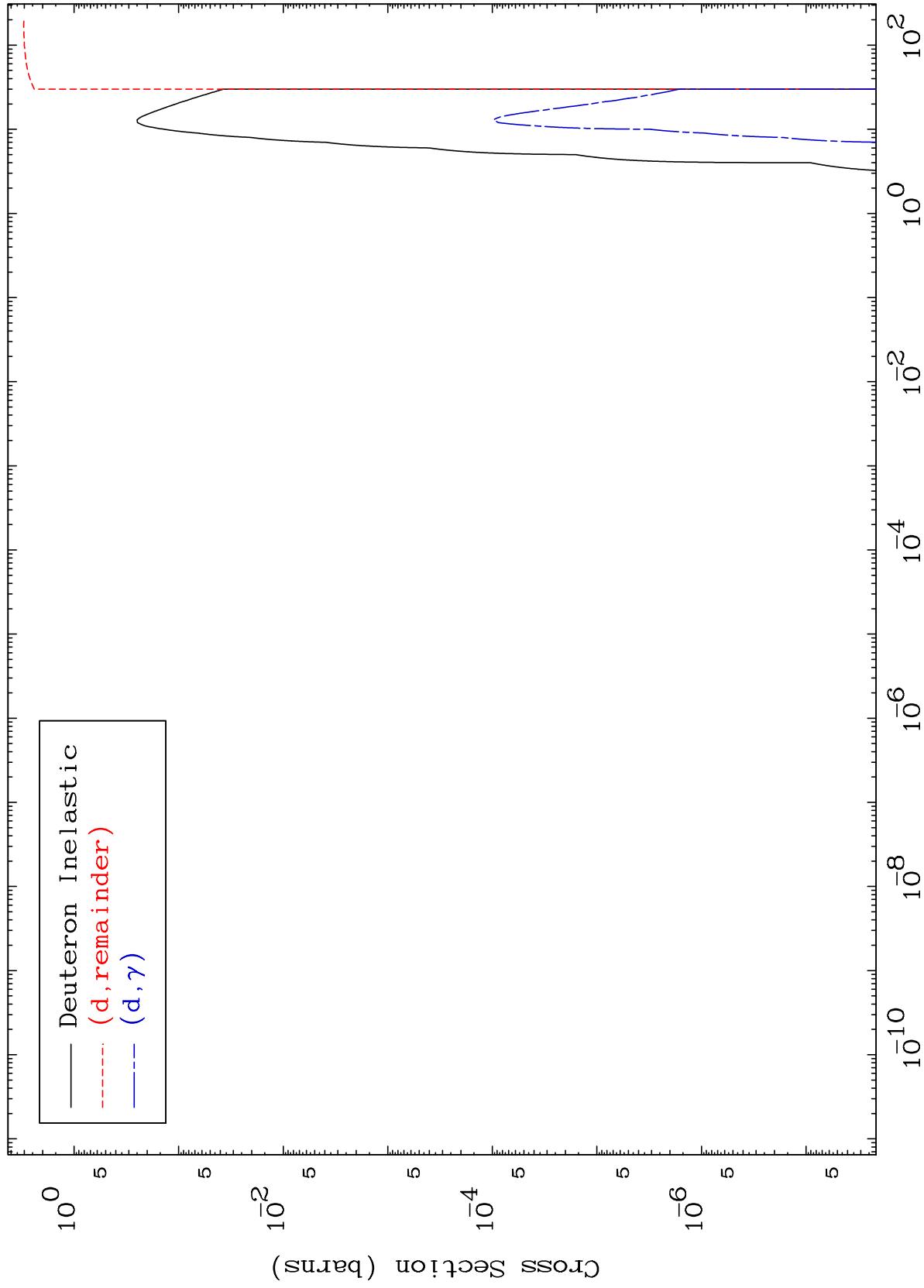
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

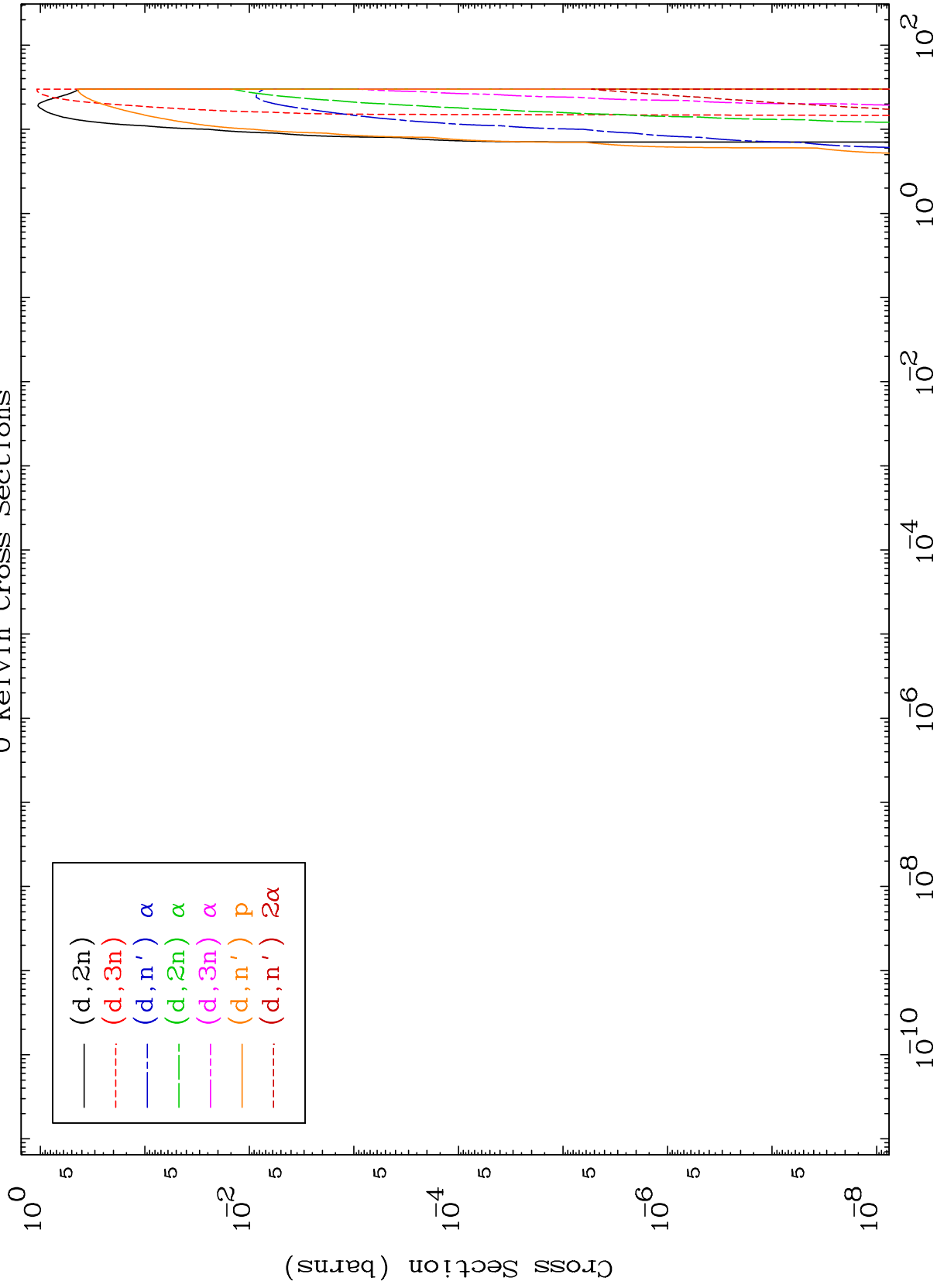
Press Mouse Button to Start



MAT 7901

Deuteron Neutron Production
0 Kelvin Cross Sections

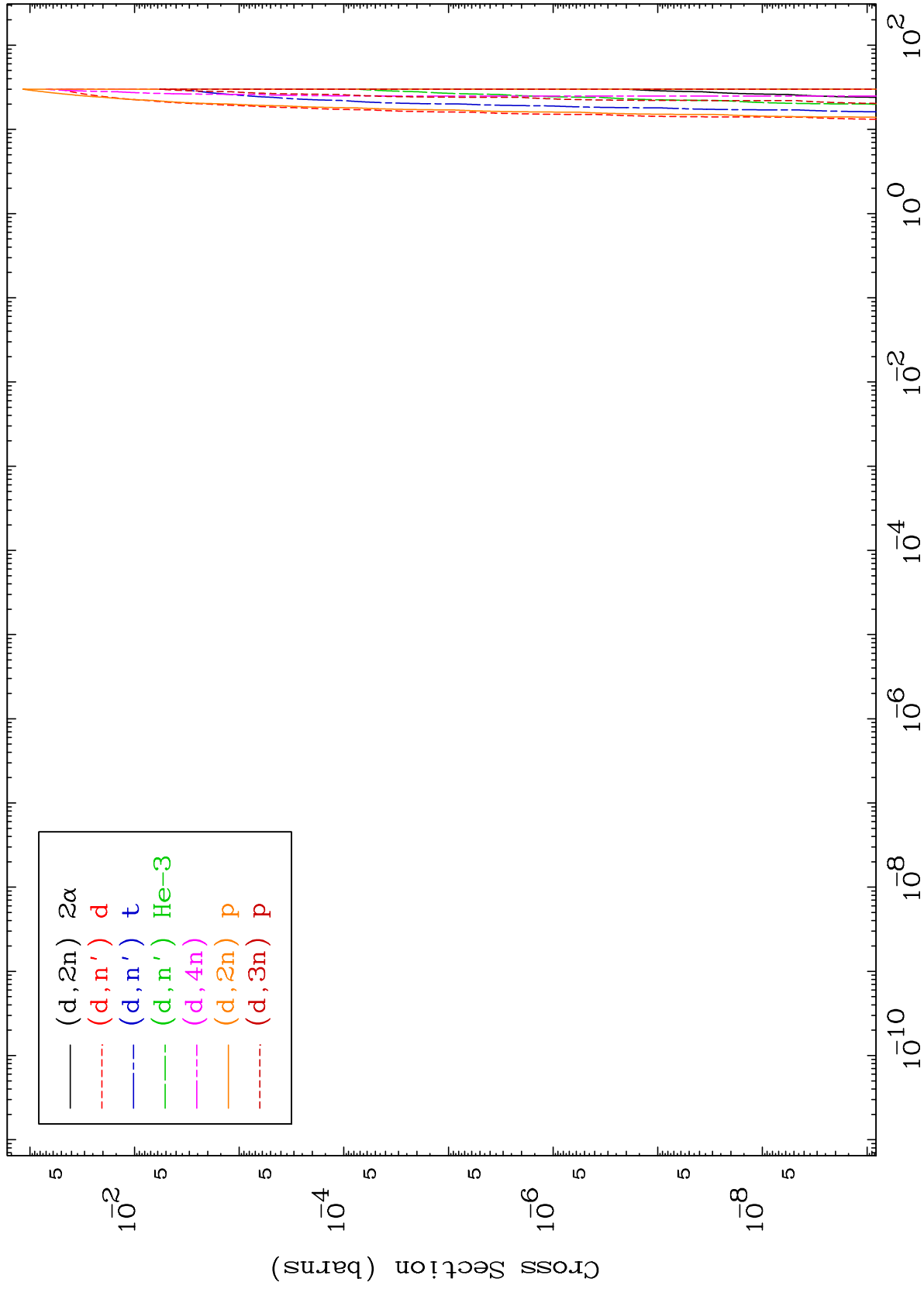
79-Au-189



2

Incident Energy (MeV)

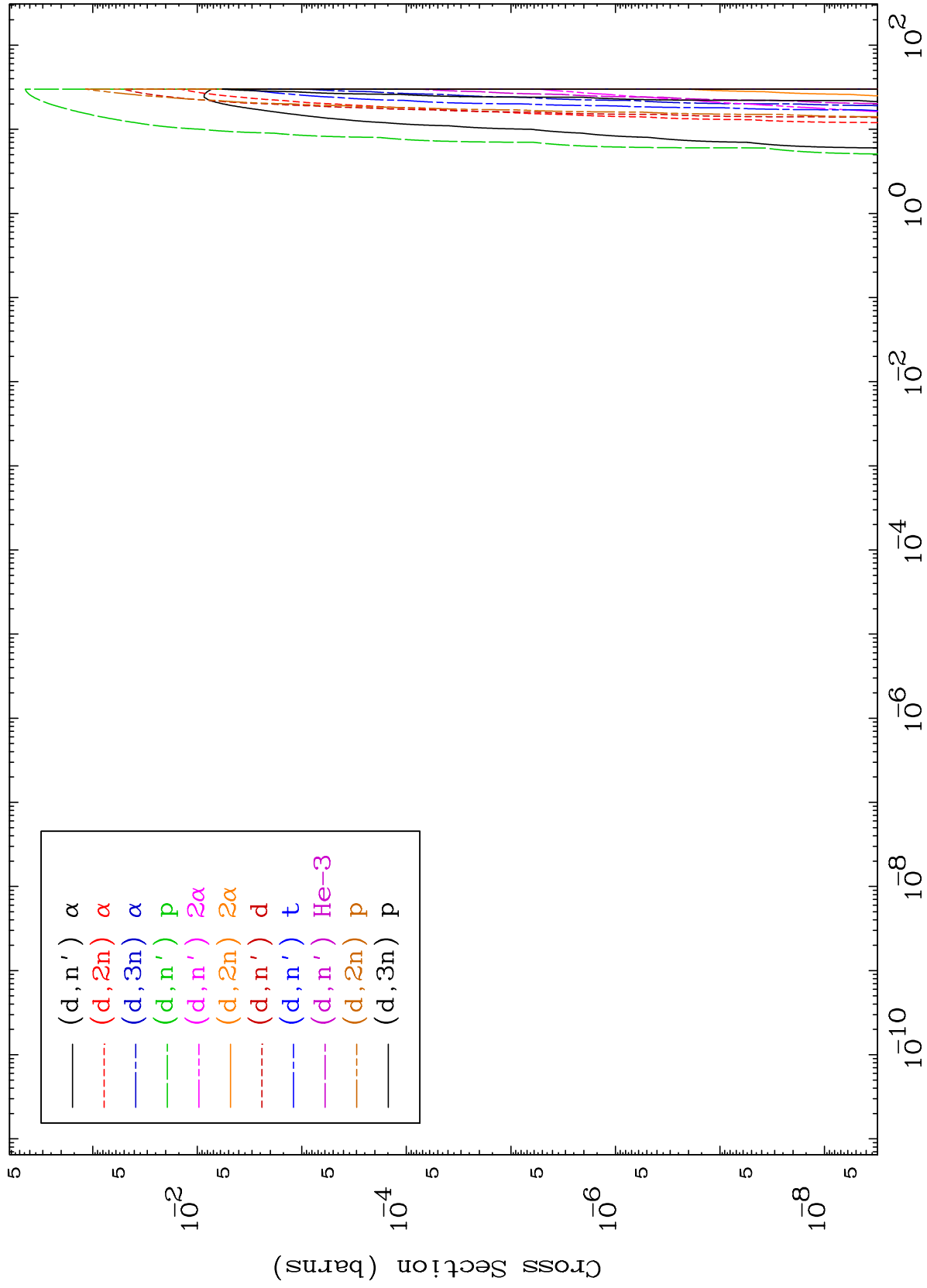
79-Au-189



MAT 7901

Deuteron Charged Particle
0 Kelvin Cross Sections

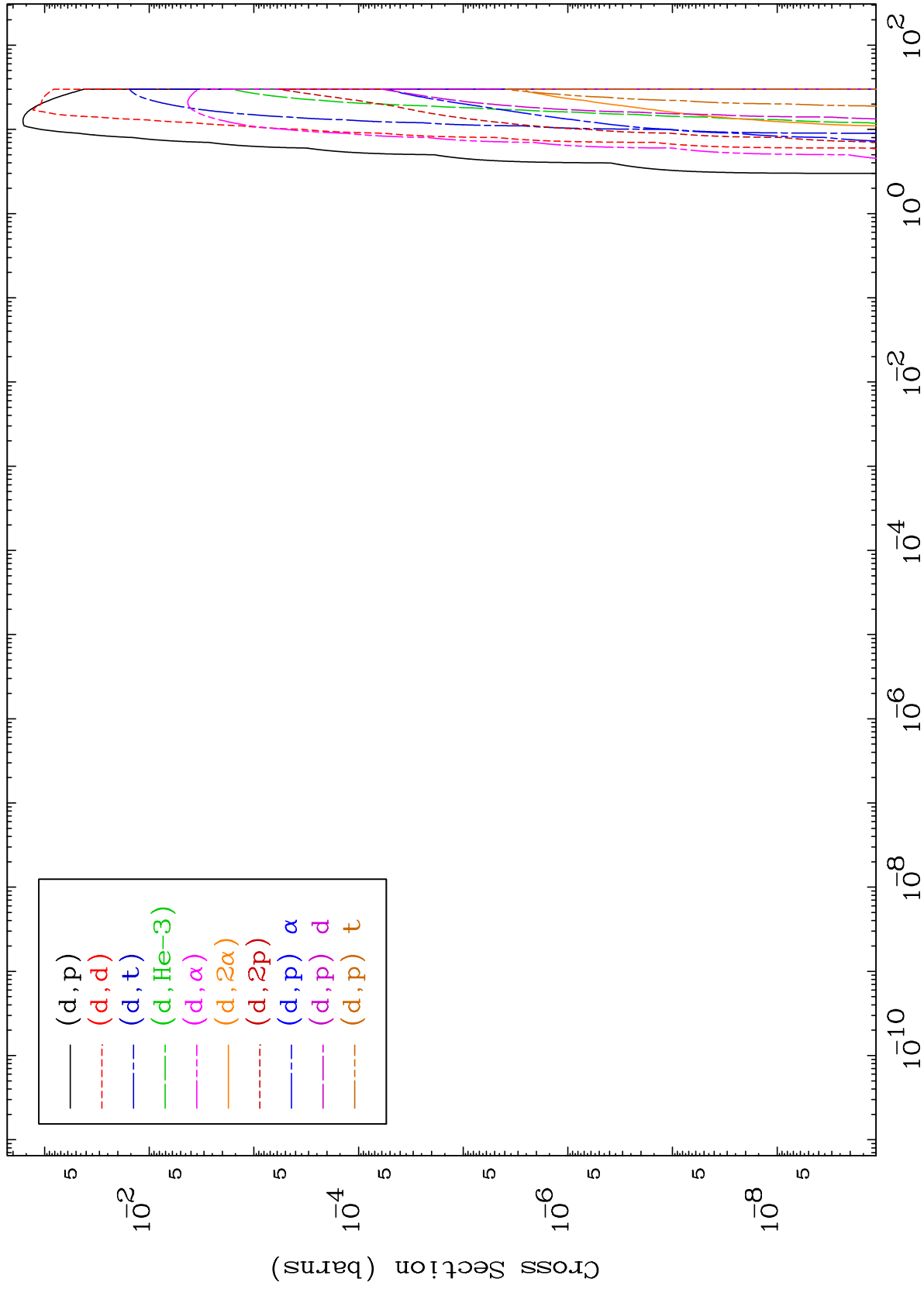
79-Au-189



MAT 7901

Deuteron Charged Particle
0 Kelvin Cross Sections

79-Au-189



5

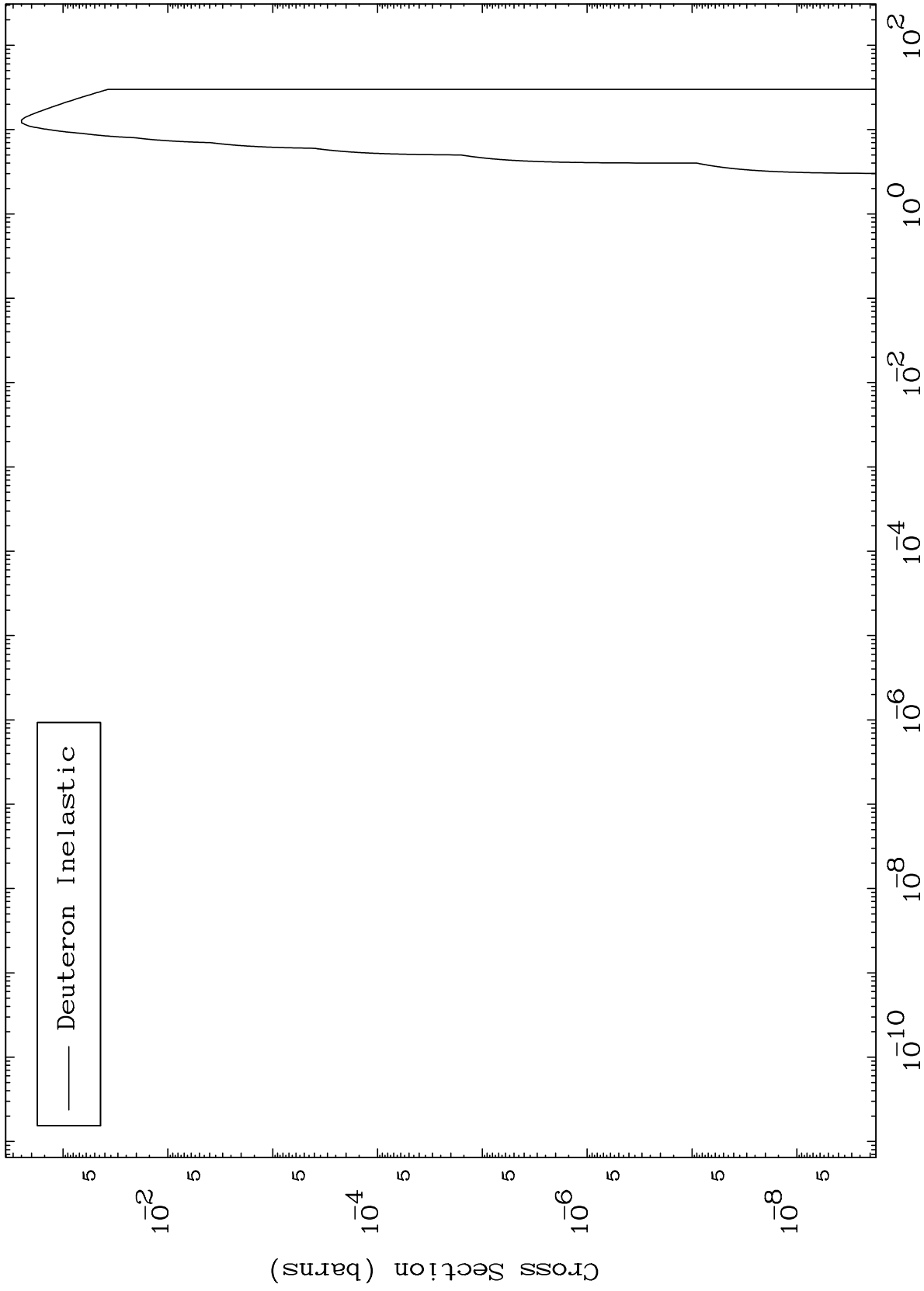
Incident Energy (MeV)

79-Au-189

MAT 7901

(d,n') Level
0 Kelvin Cross Sections

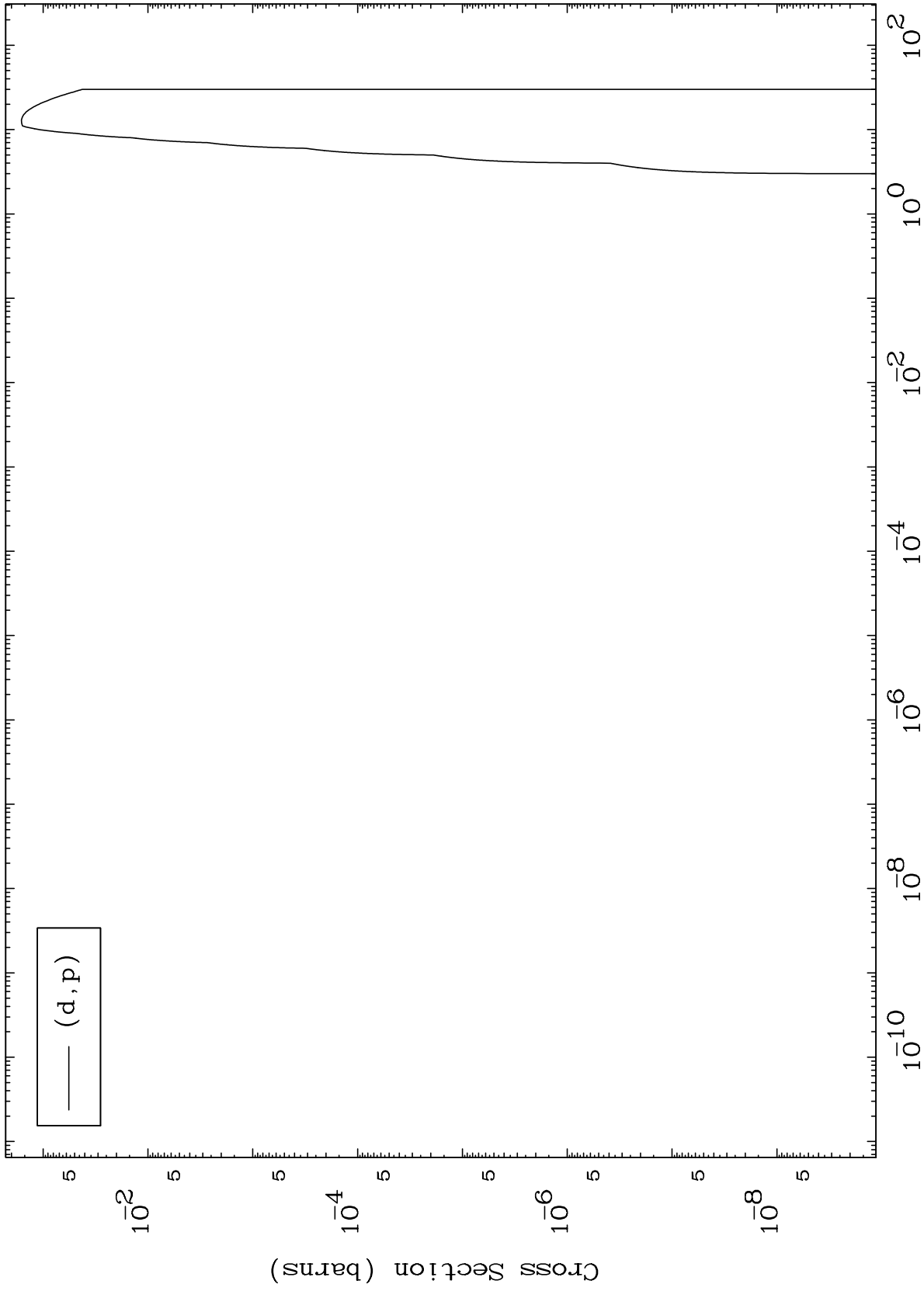
79-Au-189



MAT 7901

(d,p) Levels
0 Kelvin Cross Sections

79-Au-189



7

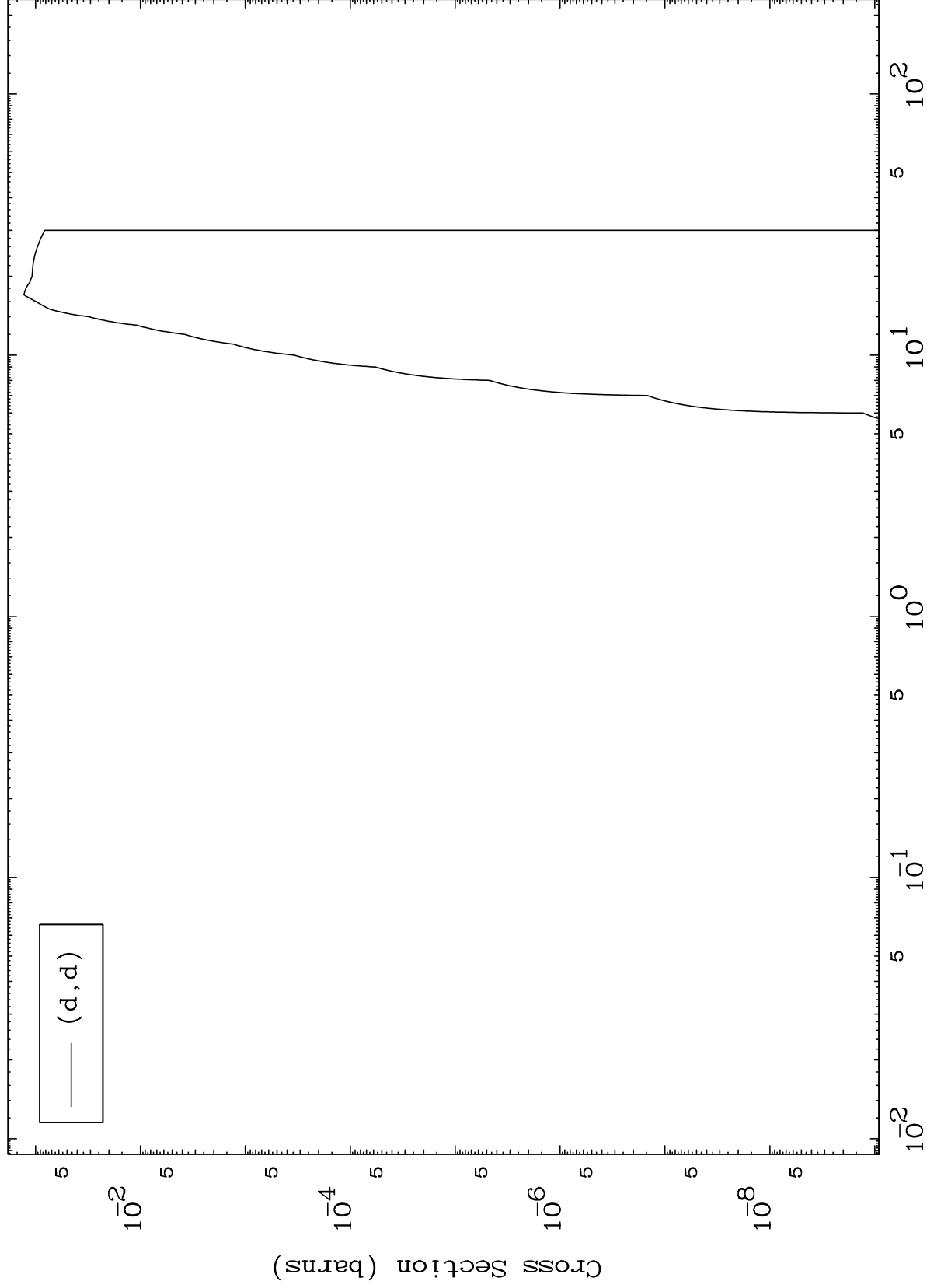
Incident Energy (MeV)

79-Au-189

MAT 7901

(d,d) Levels
0 Kelvin Cross Sections

79-Au-189



8

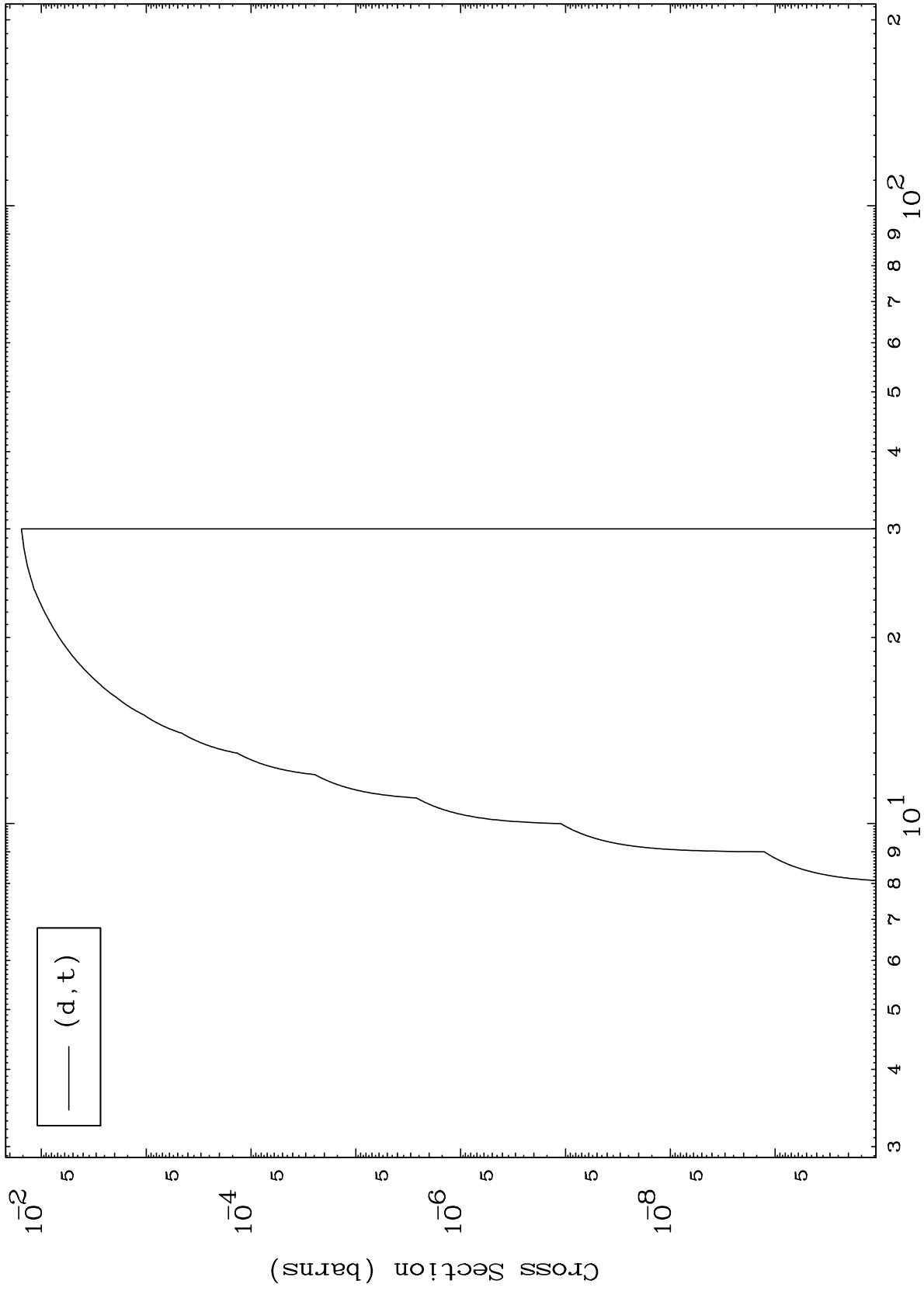
Incident Energy (MeV)

79-Au-189

MAT 7901

(d,t) Levels
0 Kelvin Cross Sections

79-Au-189



9

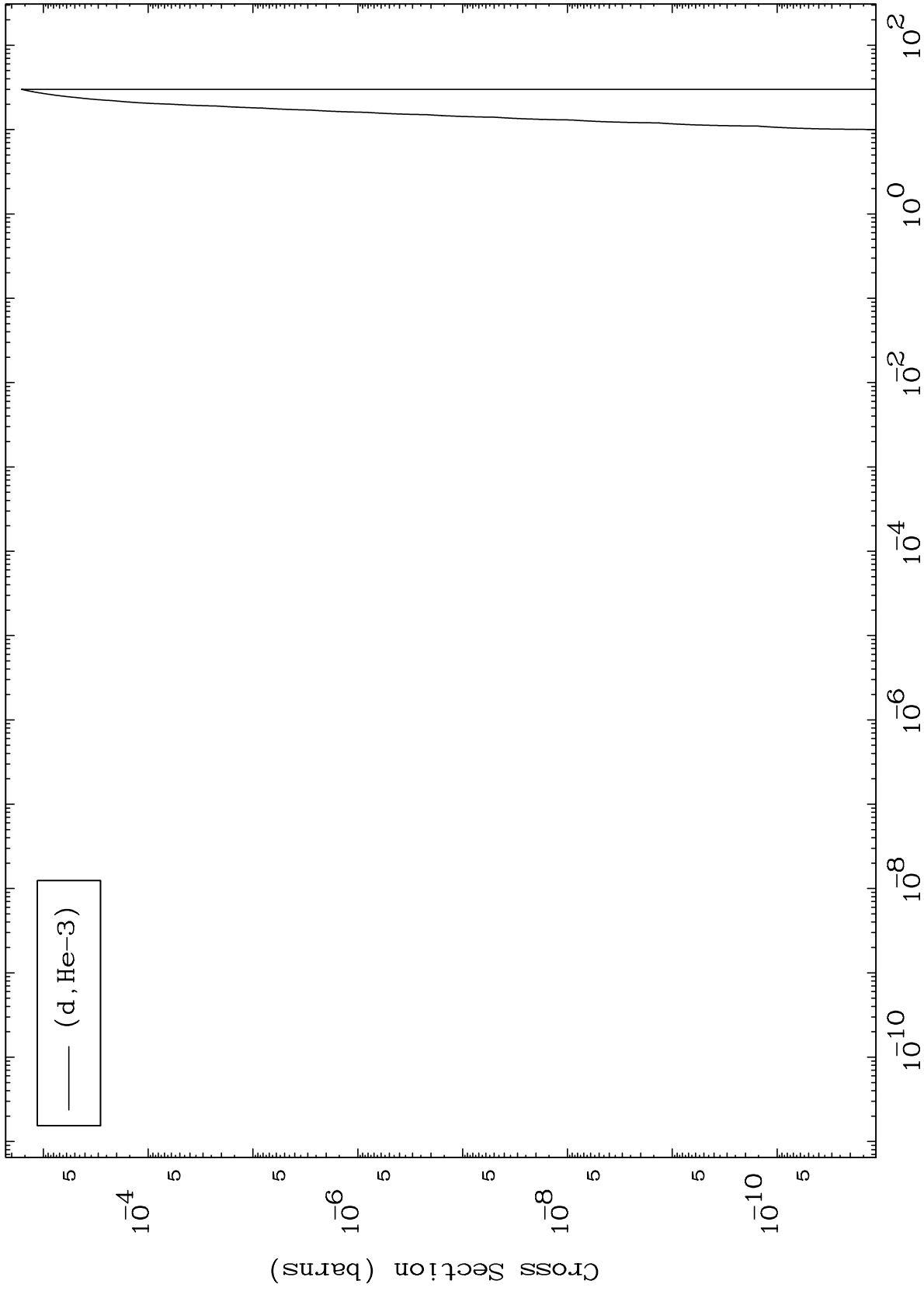
Incident Energy (MeV)

79-Au-189

MAT 7901

(d,He3) Levels
0 Kelvin Cross Sections

79-Au-189



10

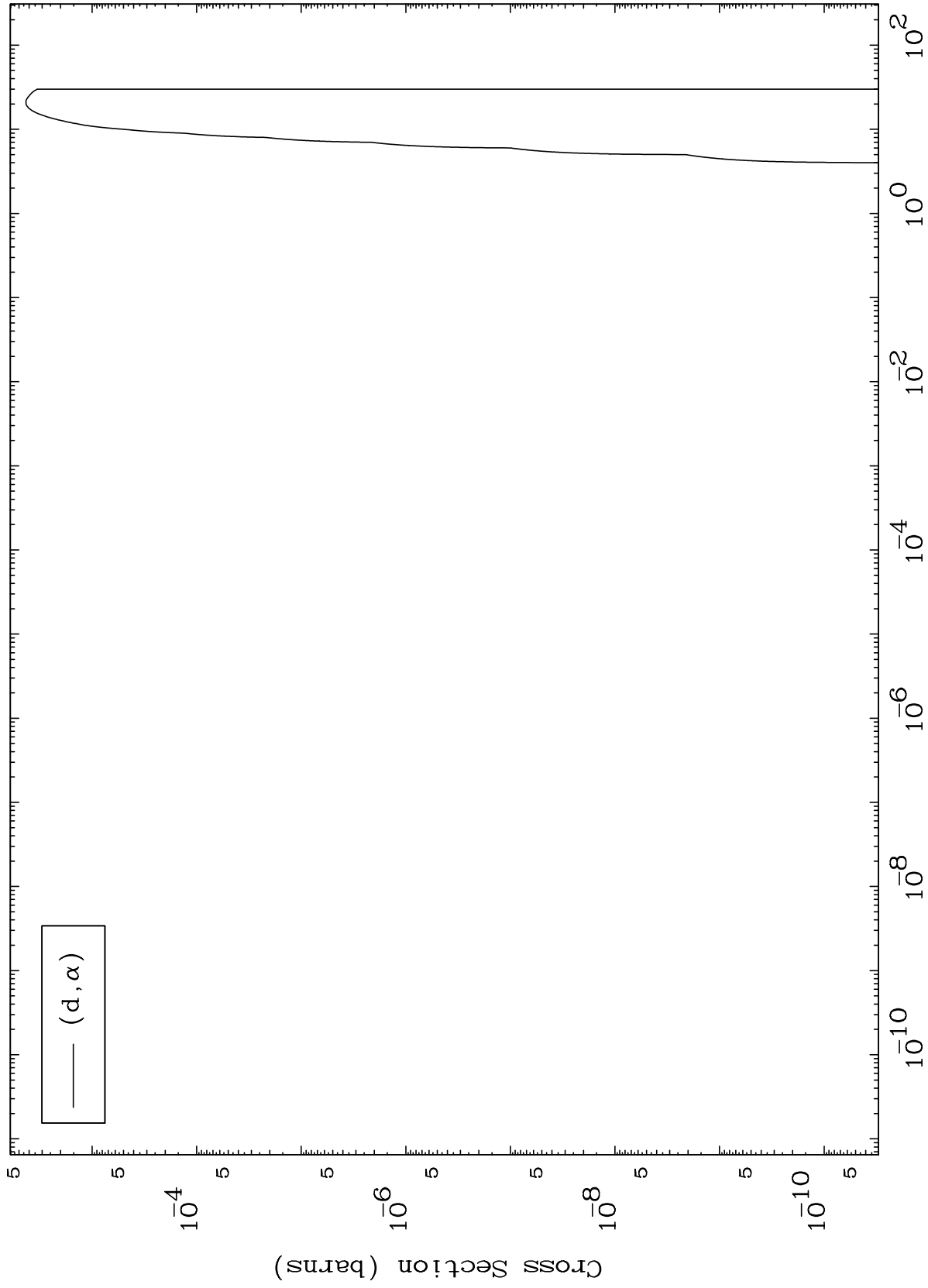
Incident Energy (MeV)

79-Au-189

MAT 7901

(d, α) Levels
0 Kelvin Cross Sections

79-Au-189



11

Incident Energy (MeV)

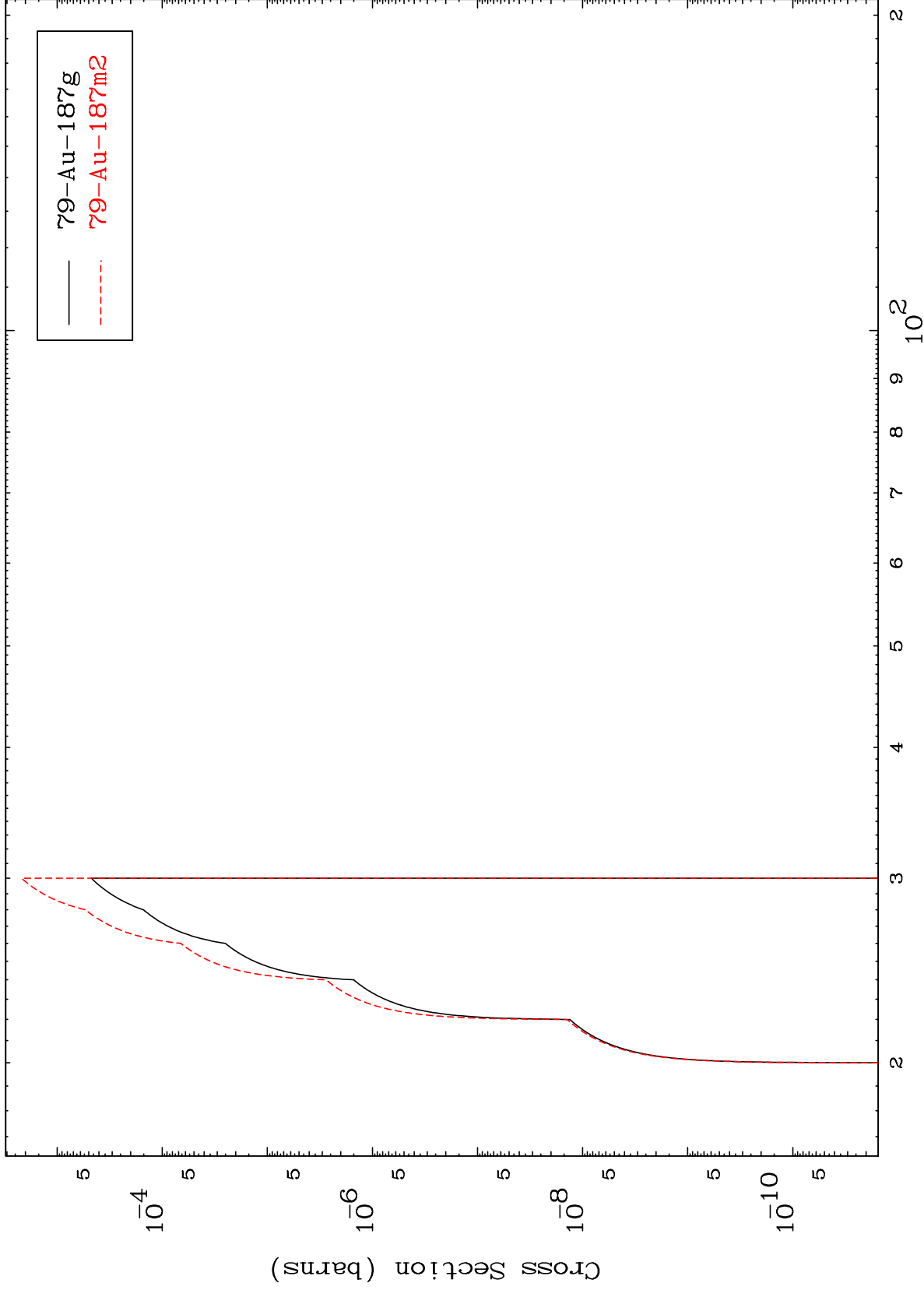
79-Au-189

MAT 7901

(d,2n) d

⁷⁹Au-189

Radionuclide Production Cross Section



12

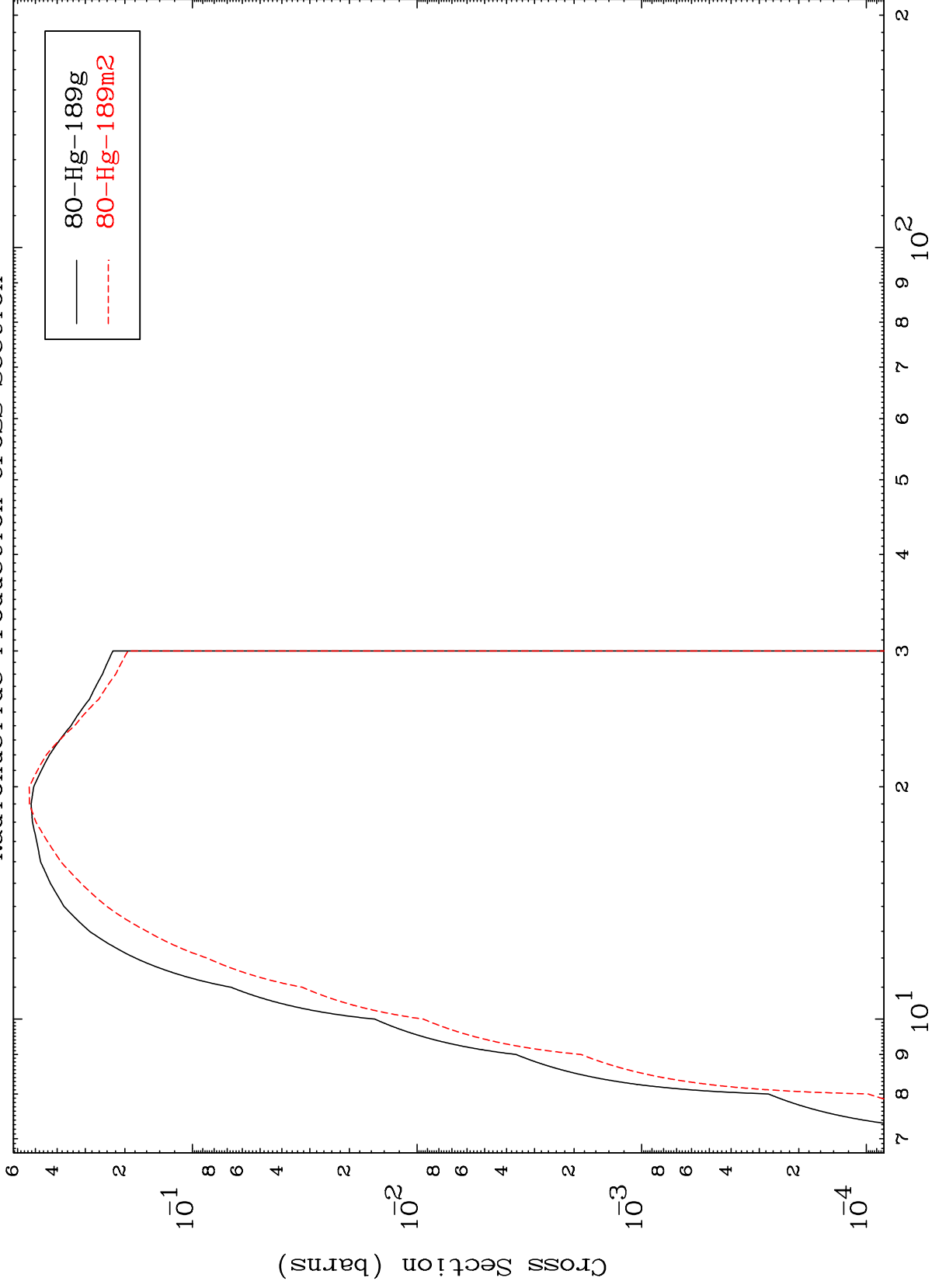
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

79-Au-189

(d,2n)
Radionuclide Production Cross Section



13

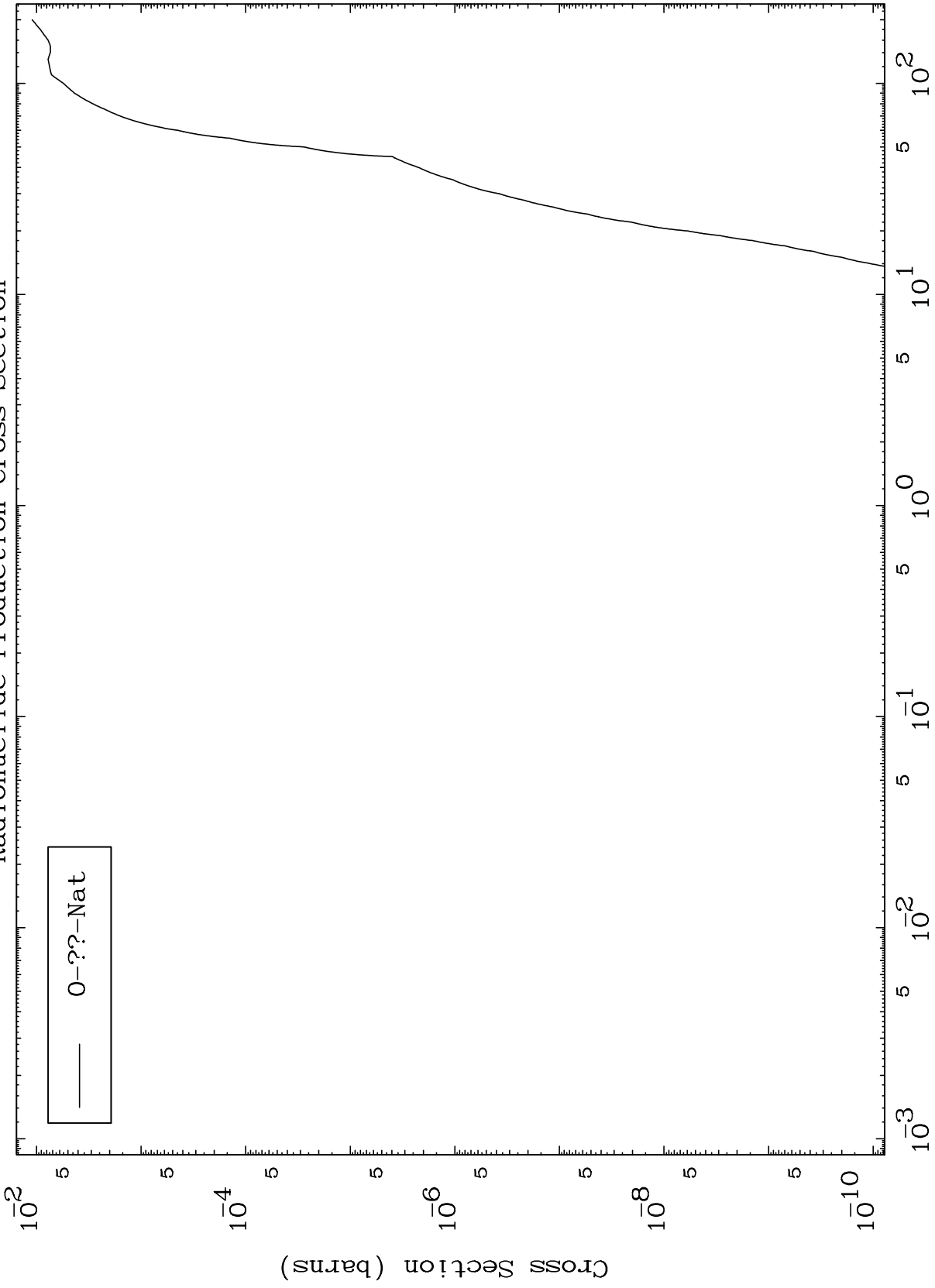
Incident Energy (MeV)

79-Au-189

MAT 7901

Deuteron Fission
Radionuclide Production Cross Section

79-Au-189



14

Incident Energy (MeV)

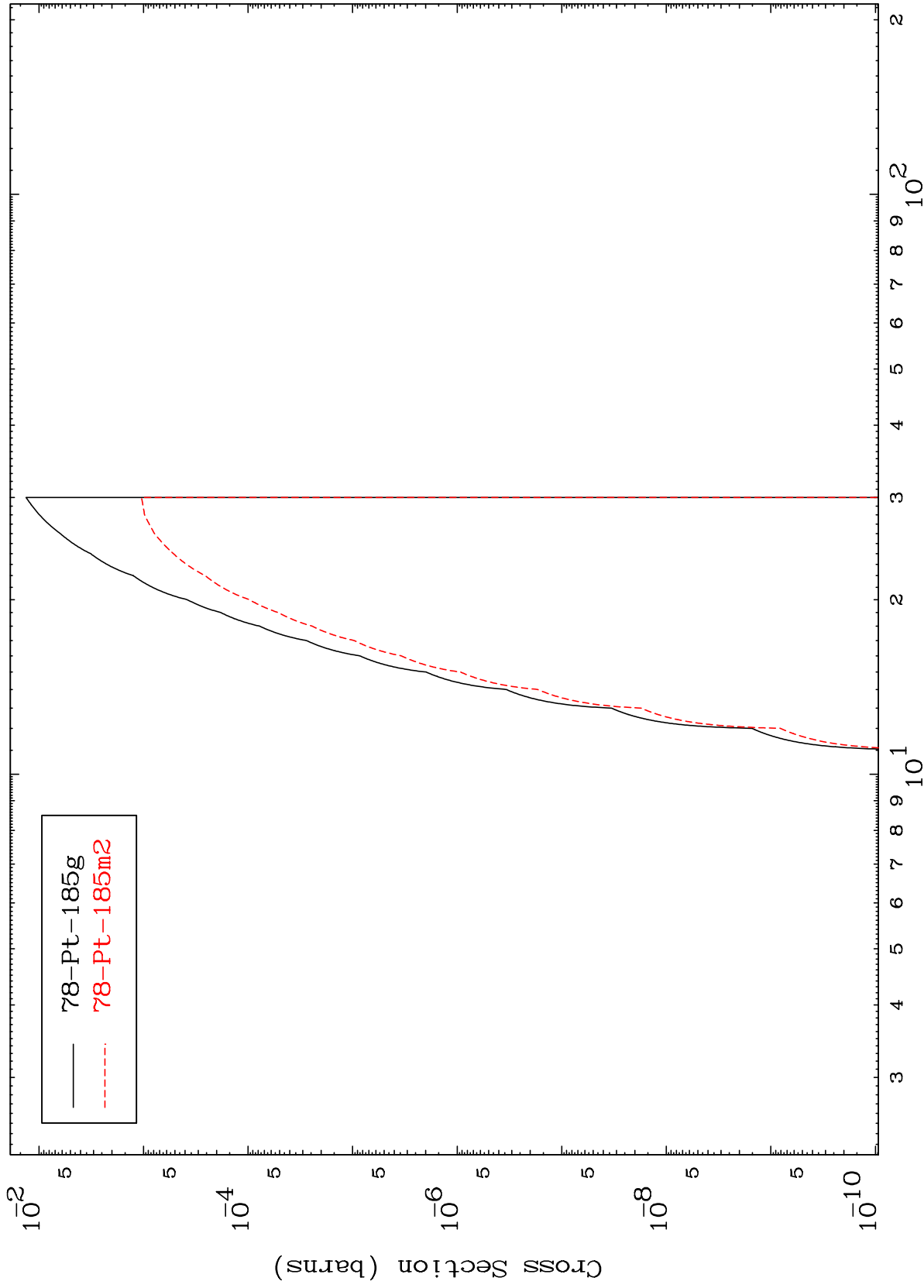
79-Au-189

MAT 7901

(d,2n) α

⁷⁹Au-189

Radionuclide Production Cross Section



15

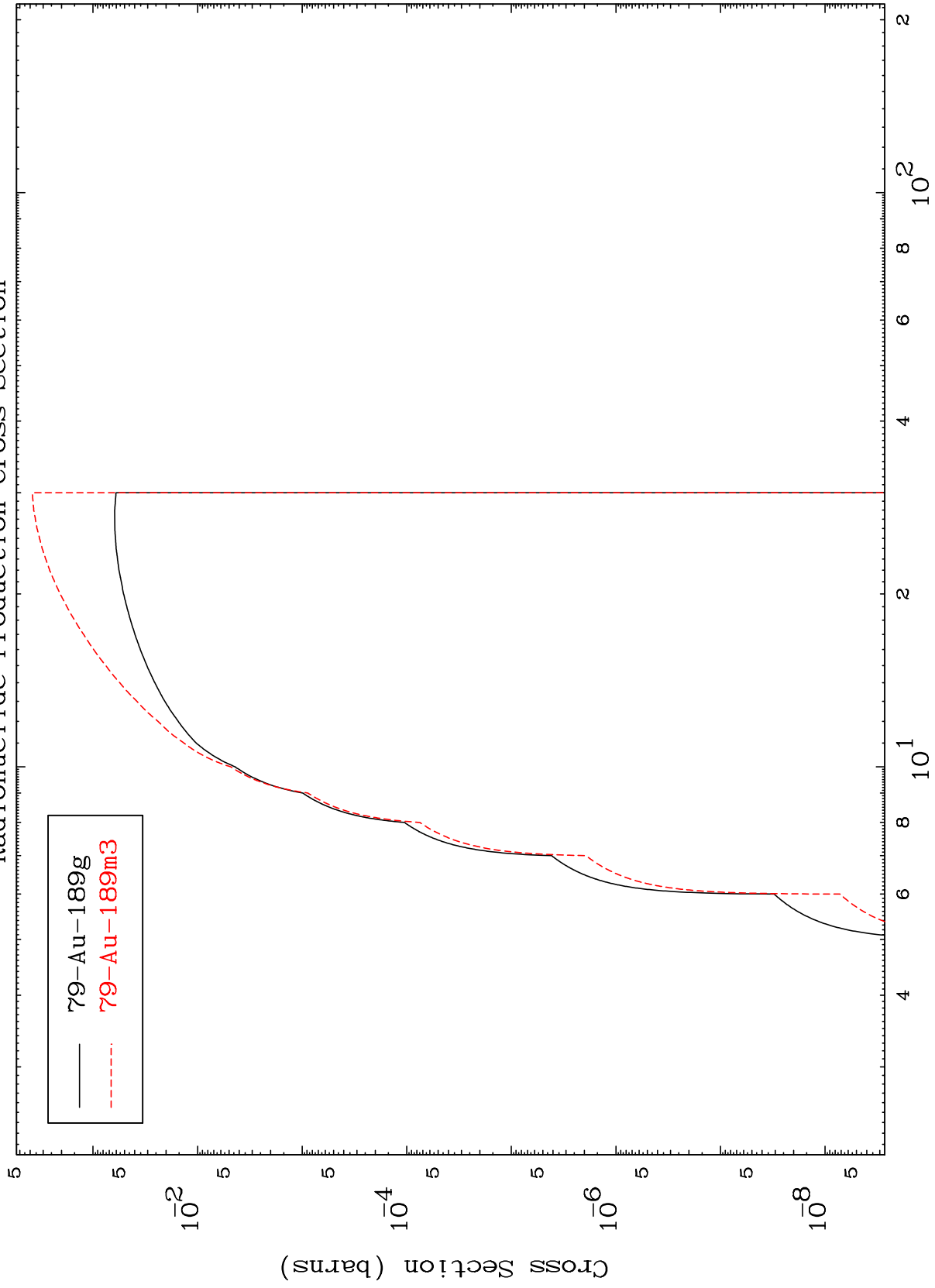
Incident Energy (MeV)

⁷⁹Au-189

MAT 7901

⁷⁹Au-189

(d,n') p
Radionuclide Production Cross Section



16

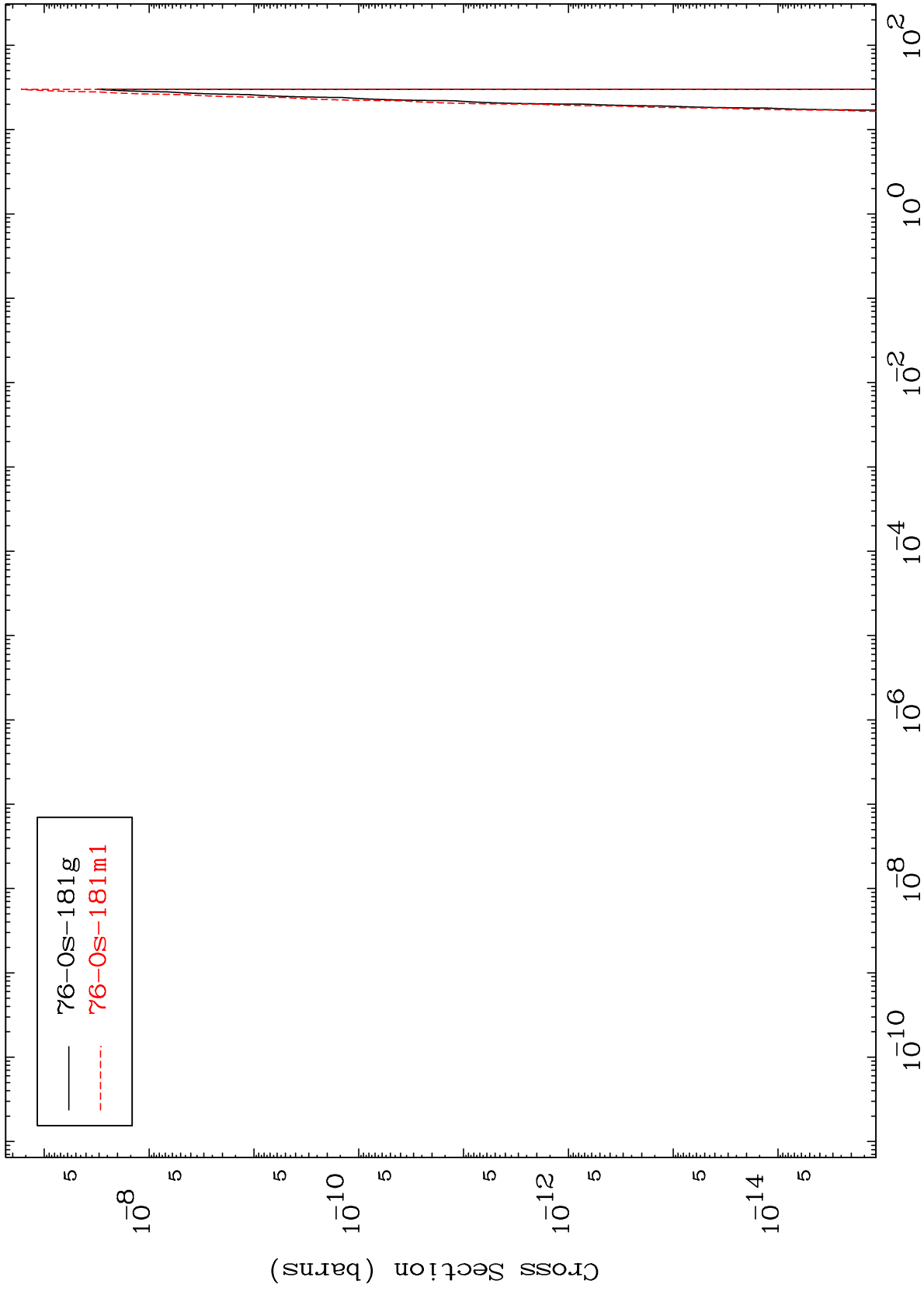
⁷⁹Au-189

MAT 7901

(d,2n) 2 α

79-Au-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

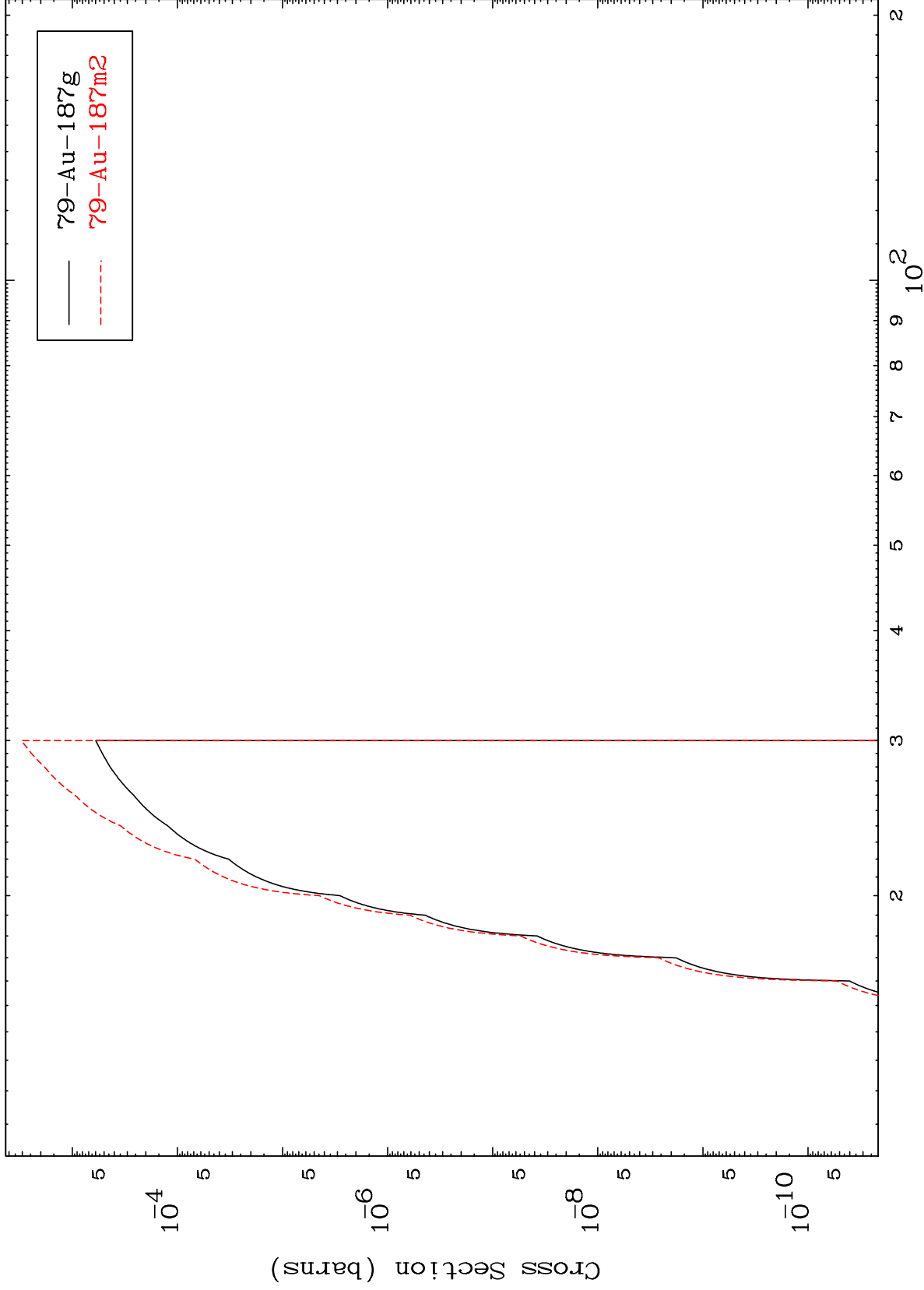
79-Au-189

MAT 7901

(d,n') t

⁷⁹Au-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

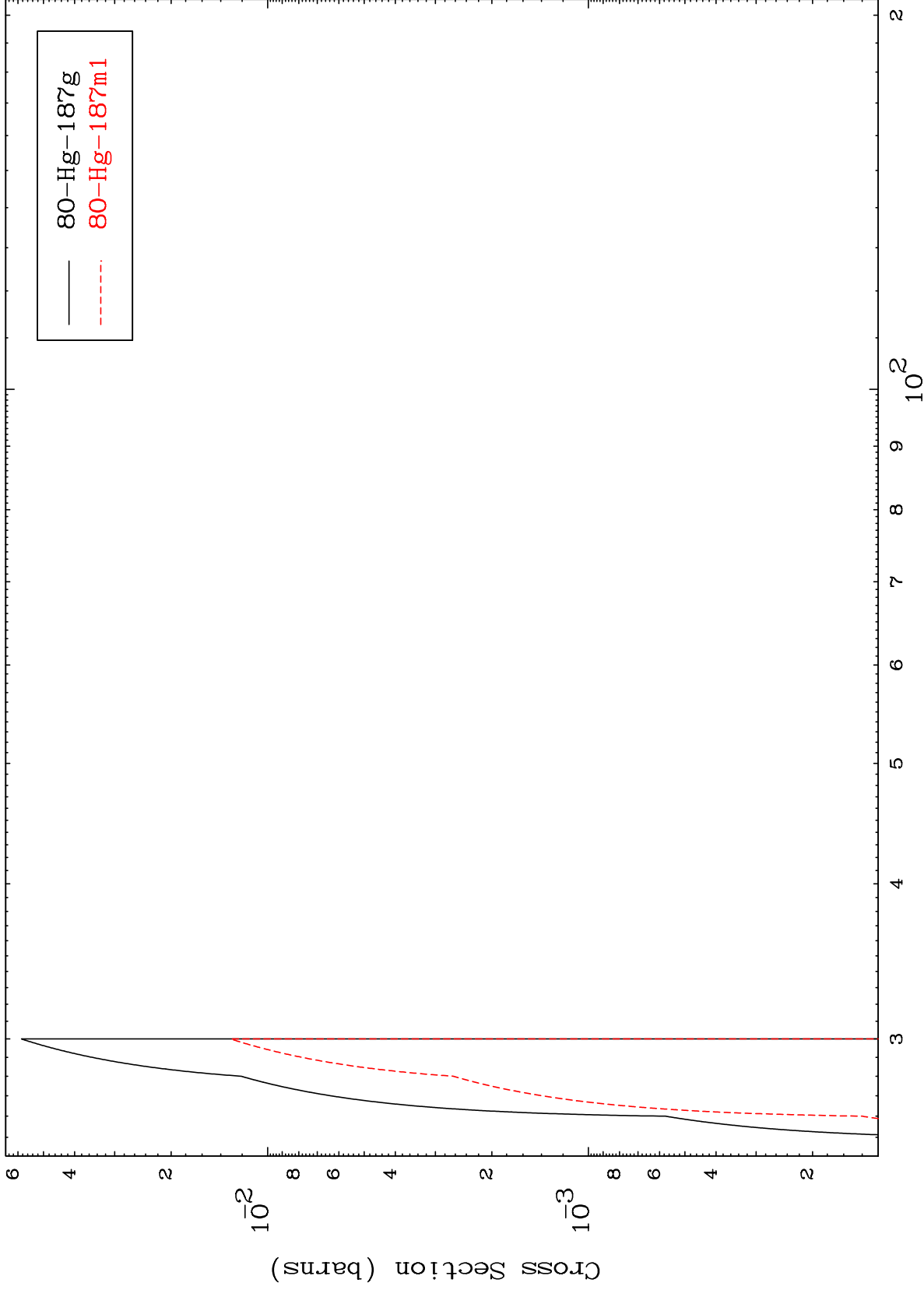
⁷⁹Au-189

MAT 7901

(d,4n)

79-Au-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

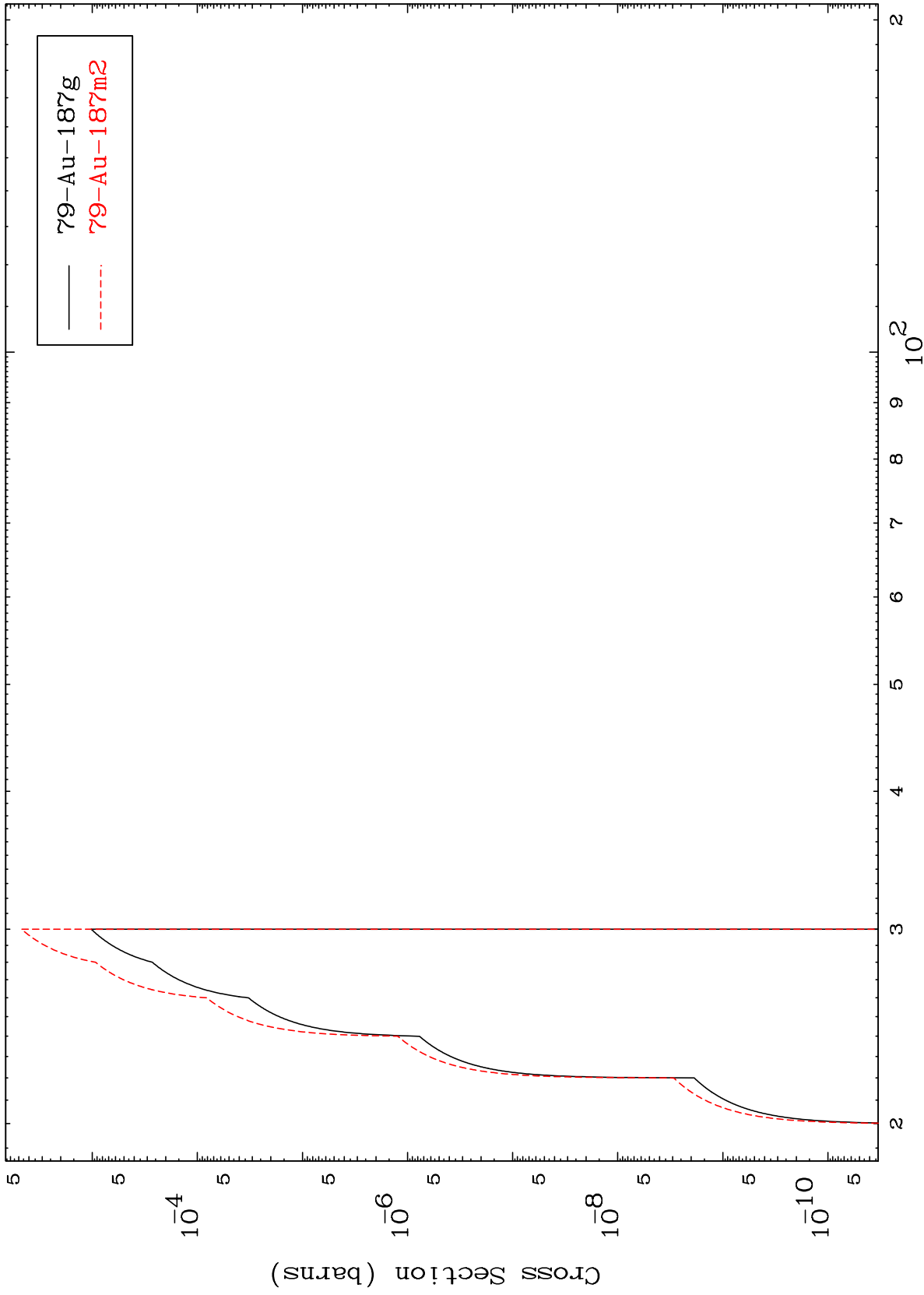
79-Au-189

MAT 7901

(d,3n) p

⁷⁹Au-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

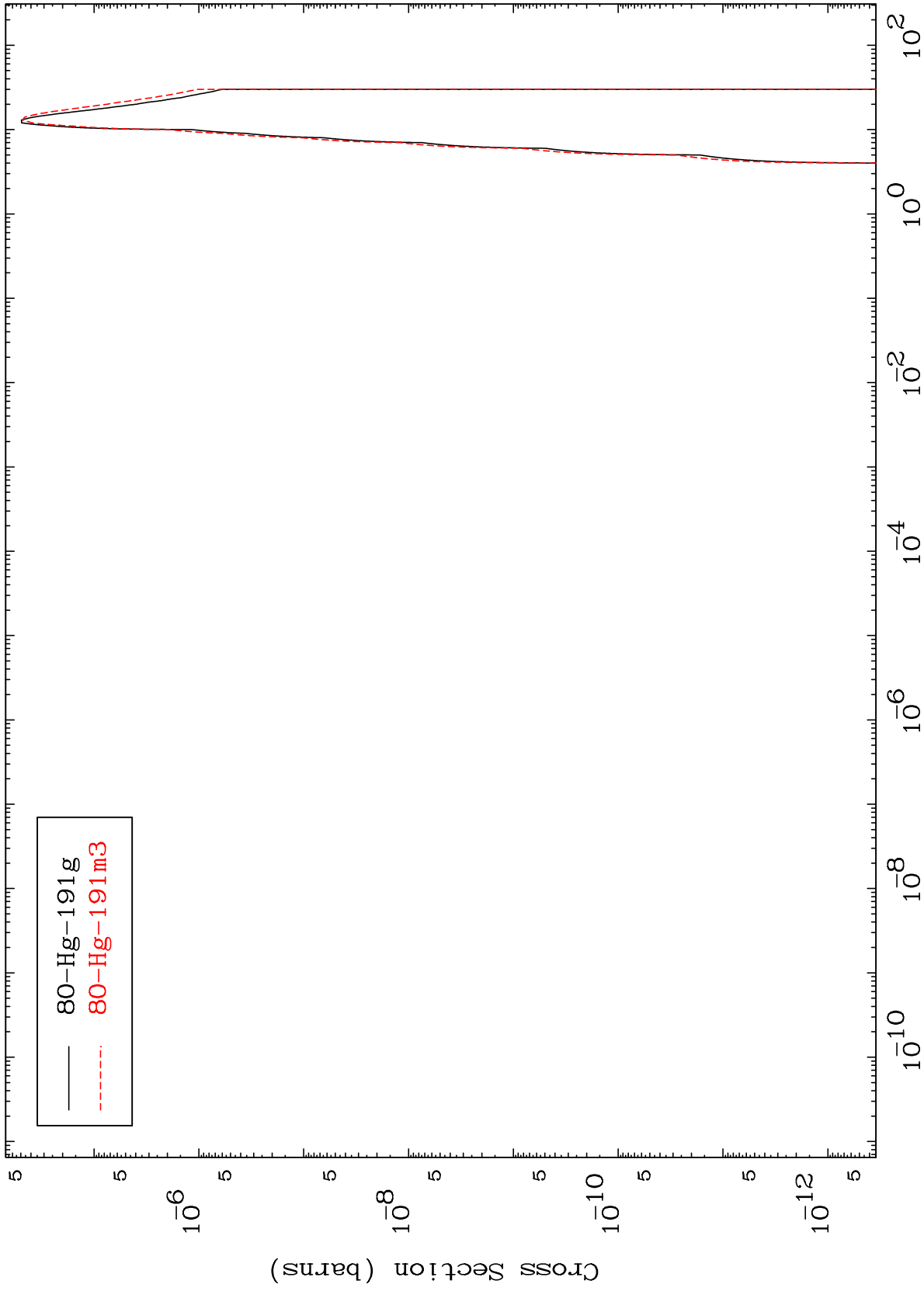
⁷⁹Au-189

MAT 7901

(d,γ)

79-Au-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

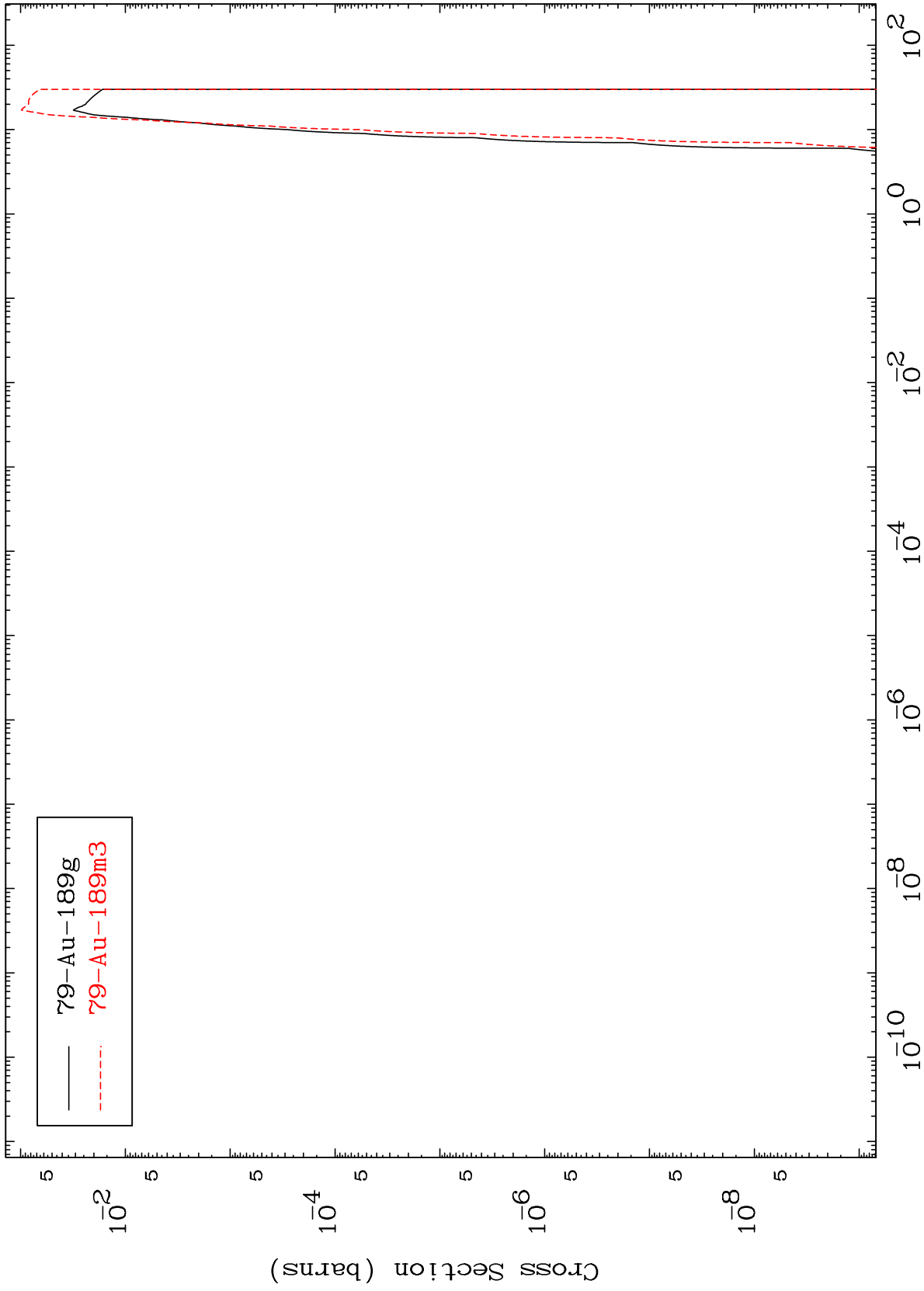
79-Au-189

MAT 7901

(d,d)

⁷⁹Au-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

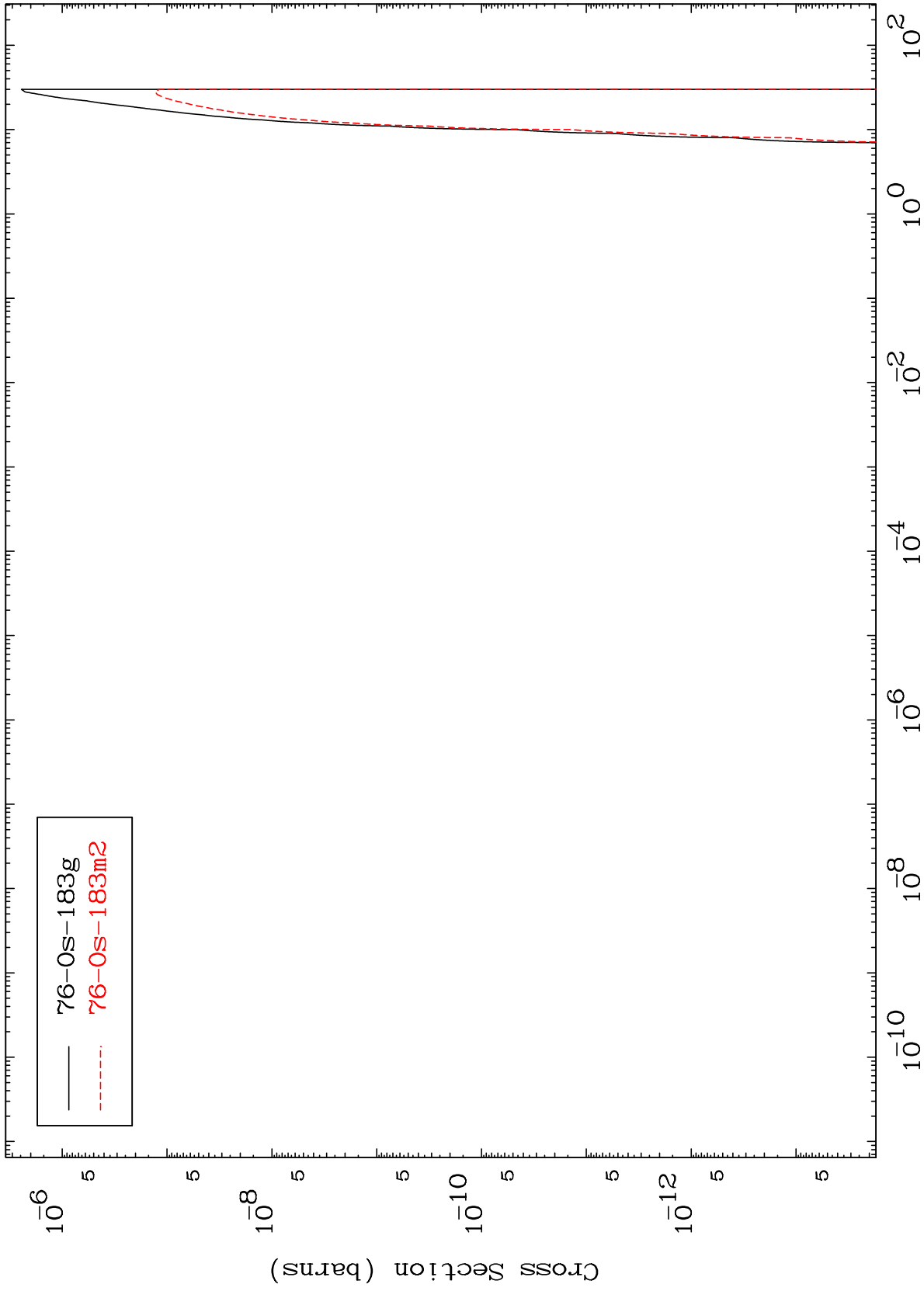
⁷⁹Au-189

MAT 7901

(d,2α)

⁷⁹Au-189

Radionuclide Production Cross Section

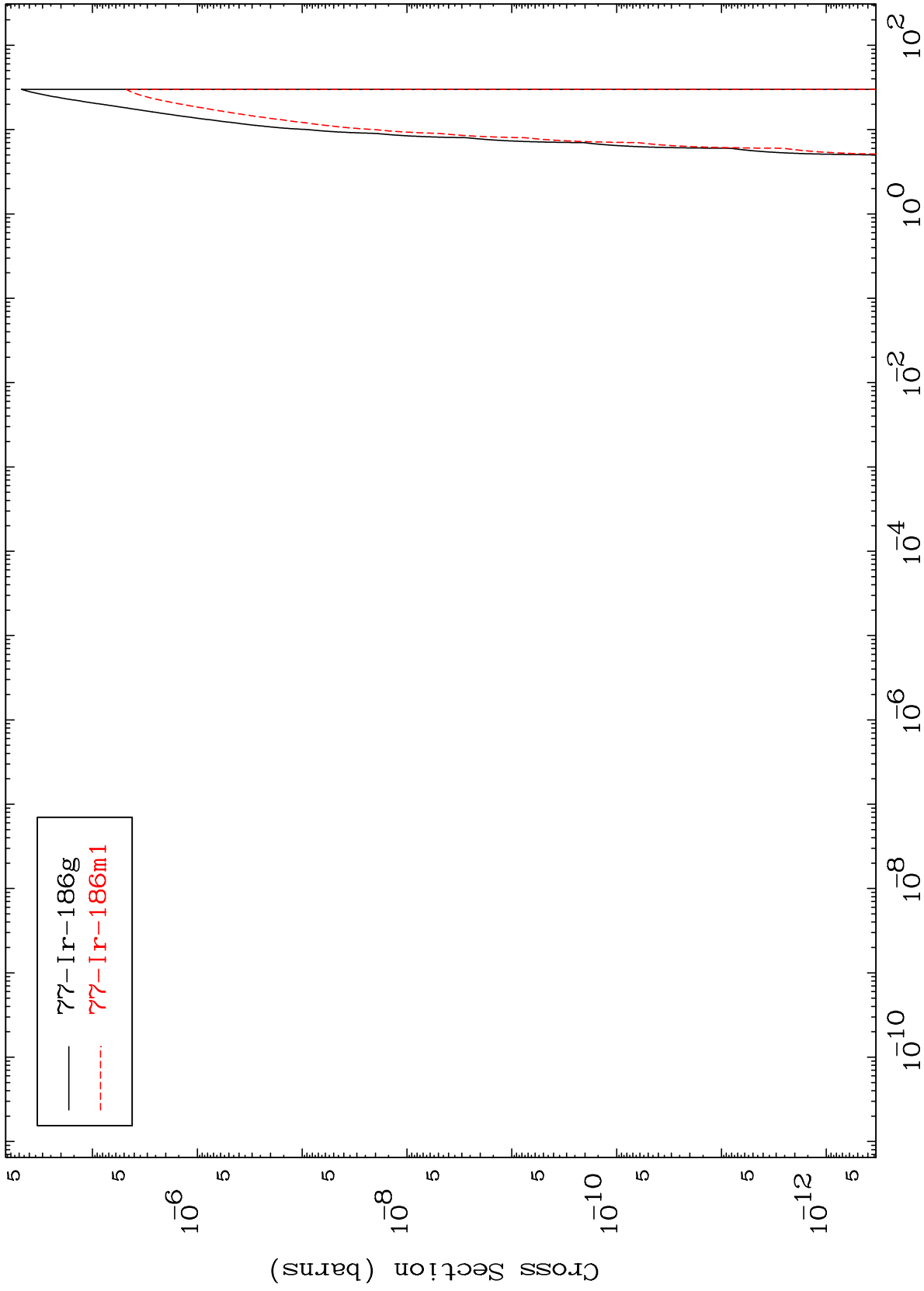


MAT 7901

(d,p) α

⁷⁹Au-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁹Au-189