

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

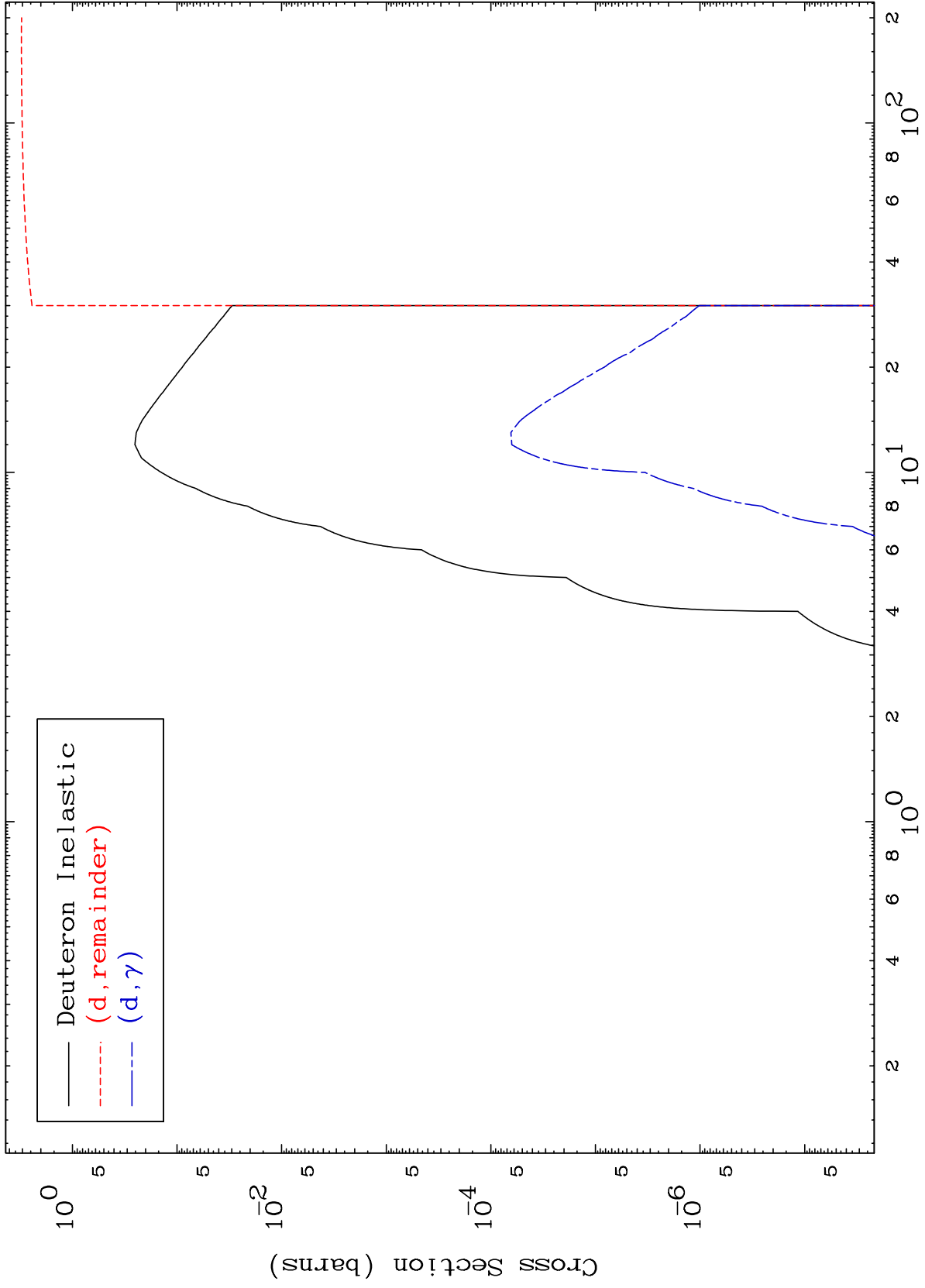
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

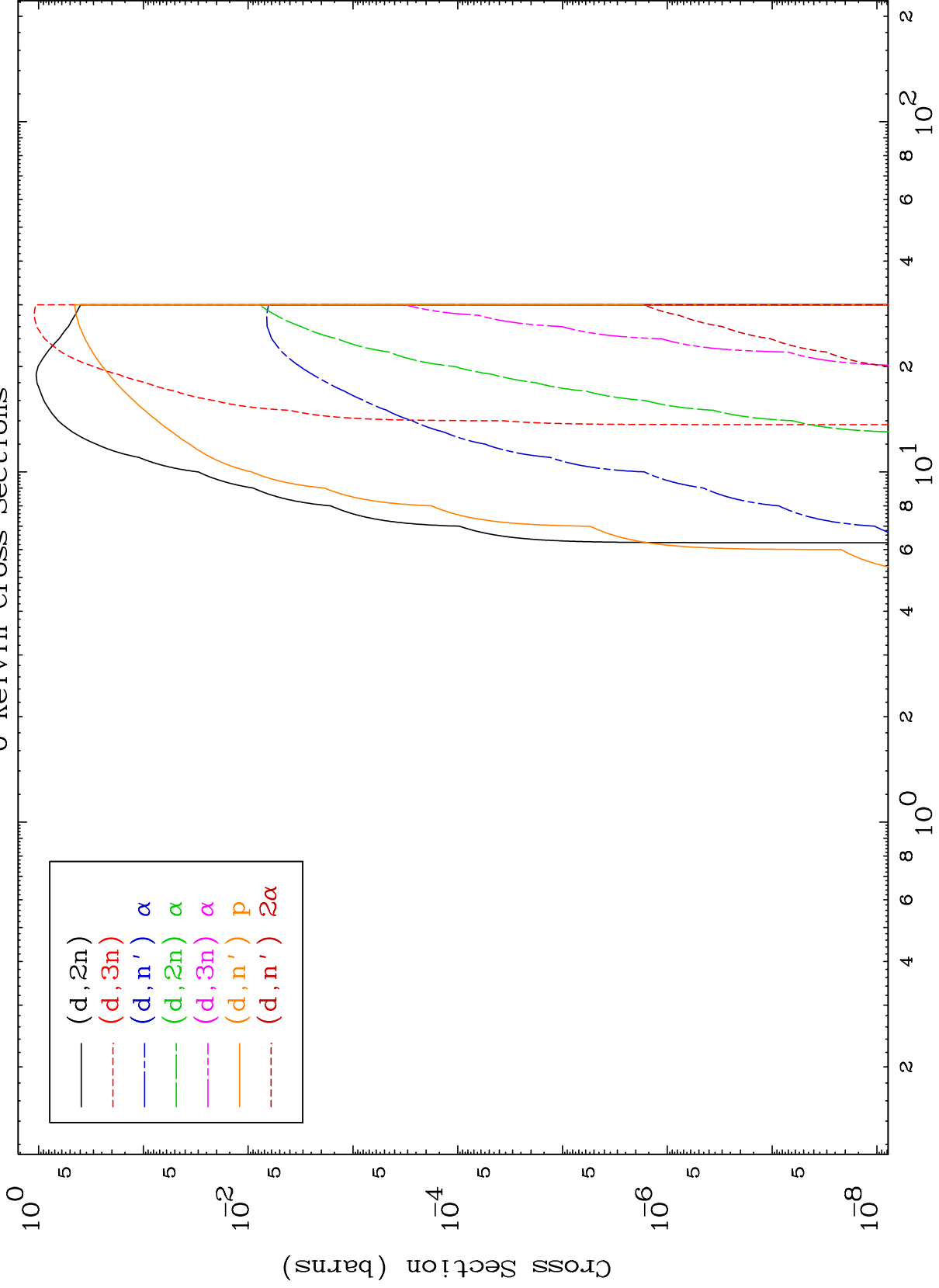
Tele: 925-443-1911

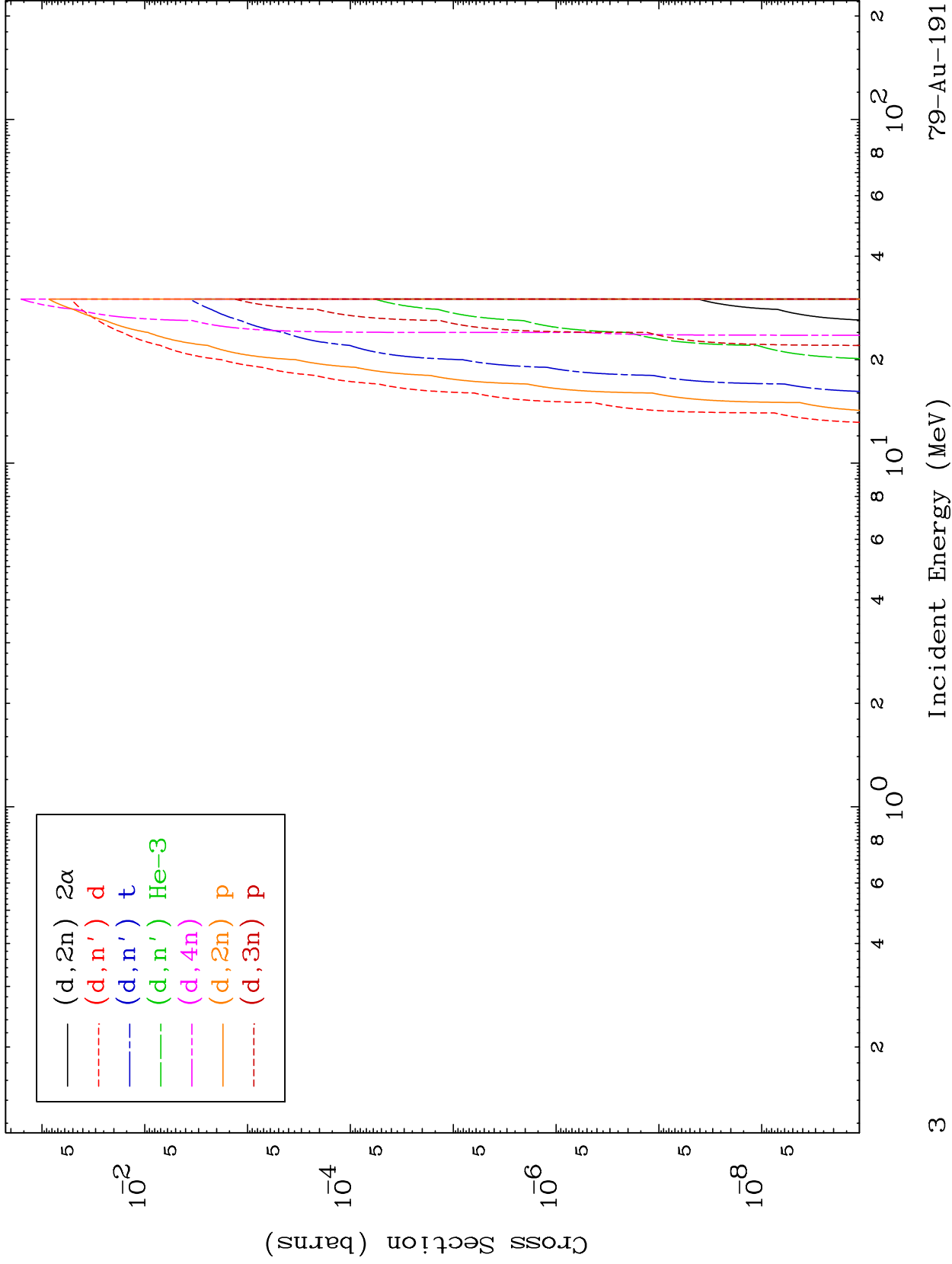
E.Mail:redcullen1@comcast.net

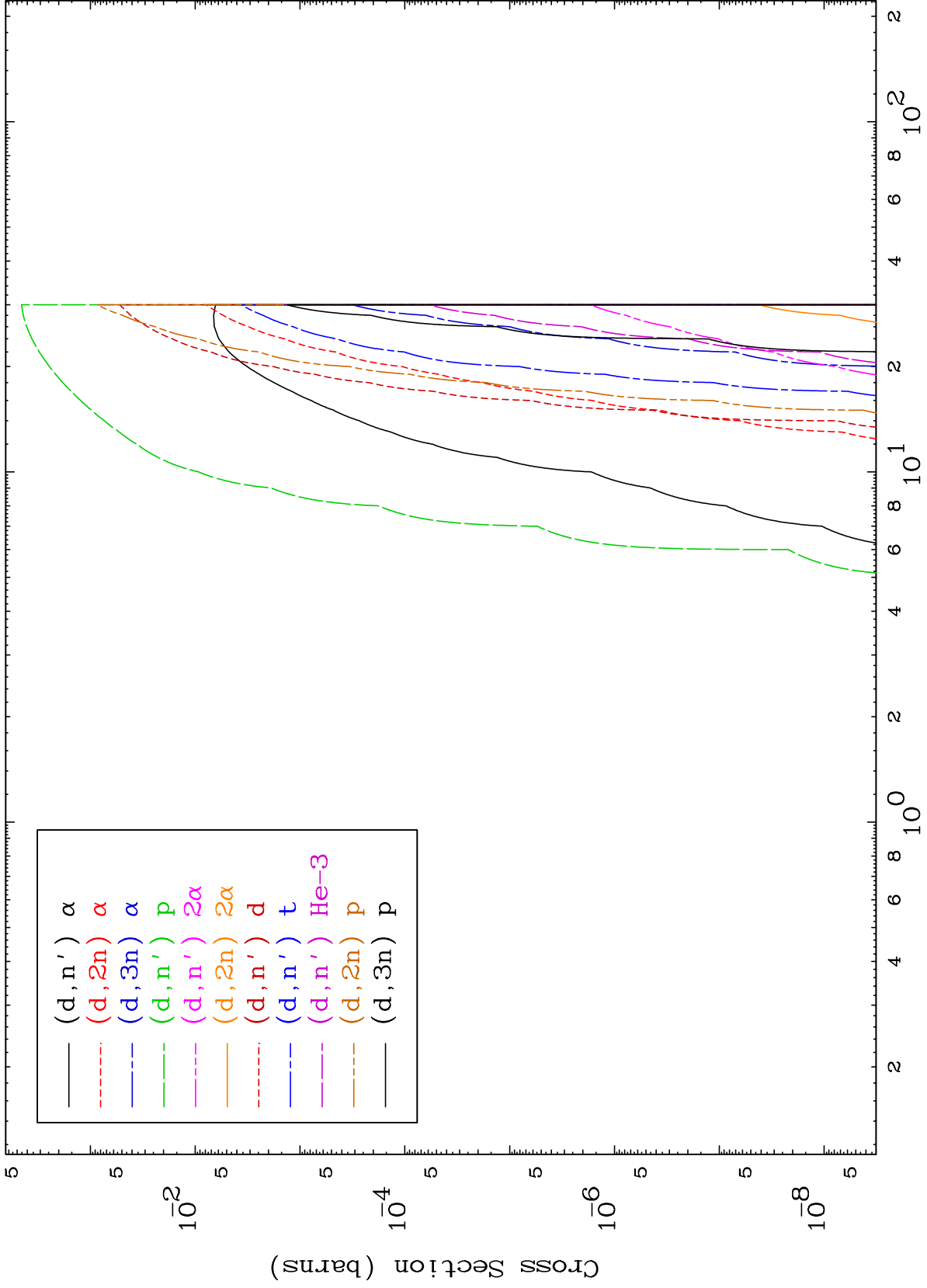
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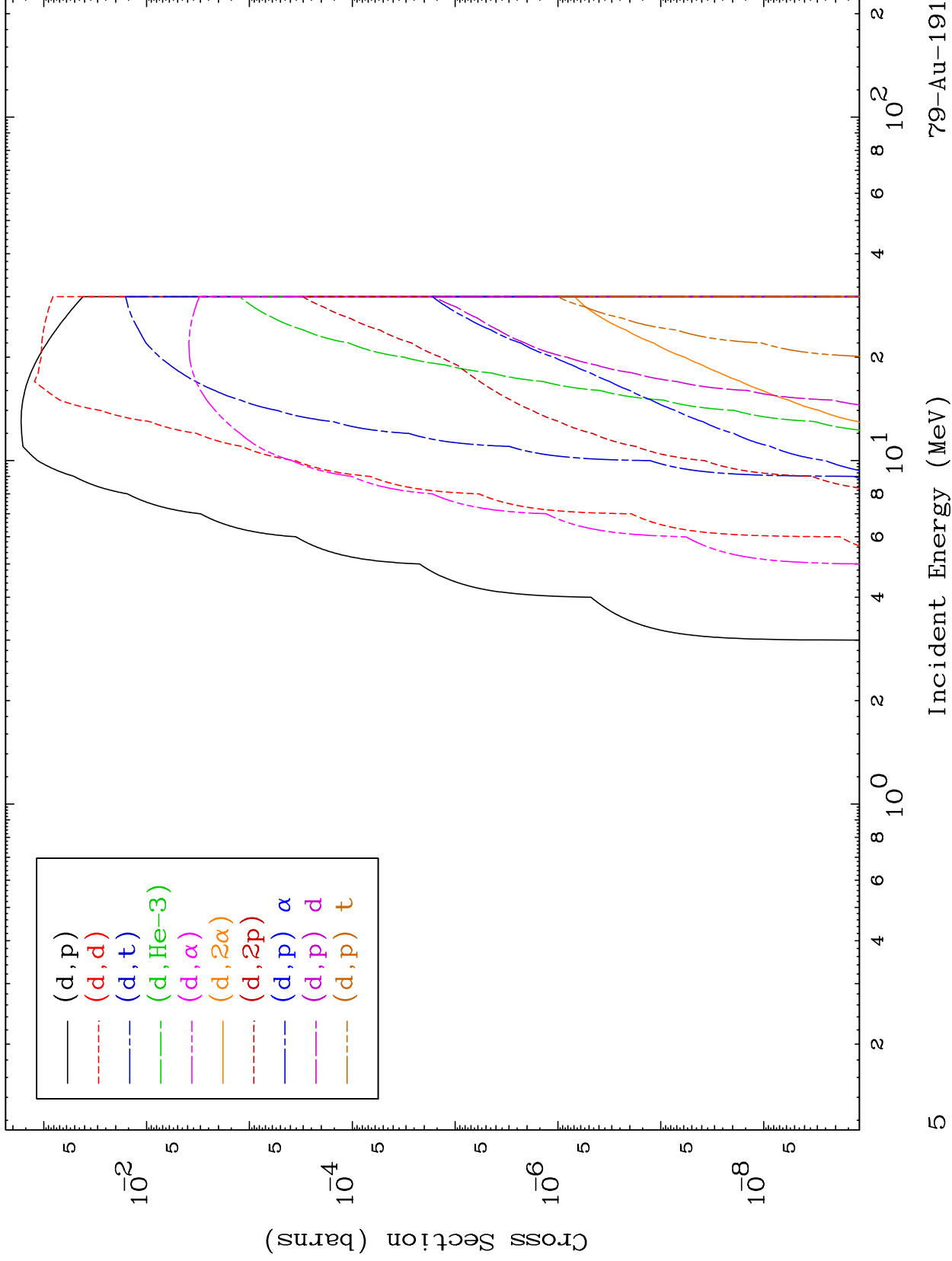
Press Mouse Button to Start



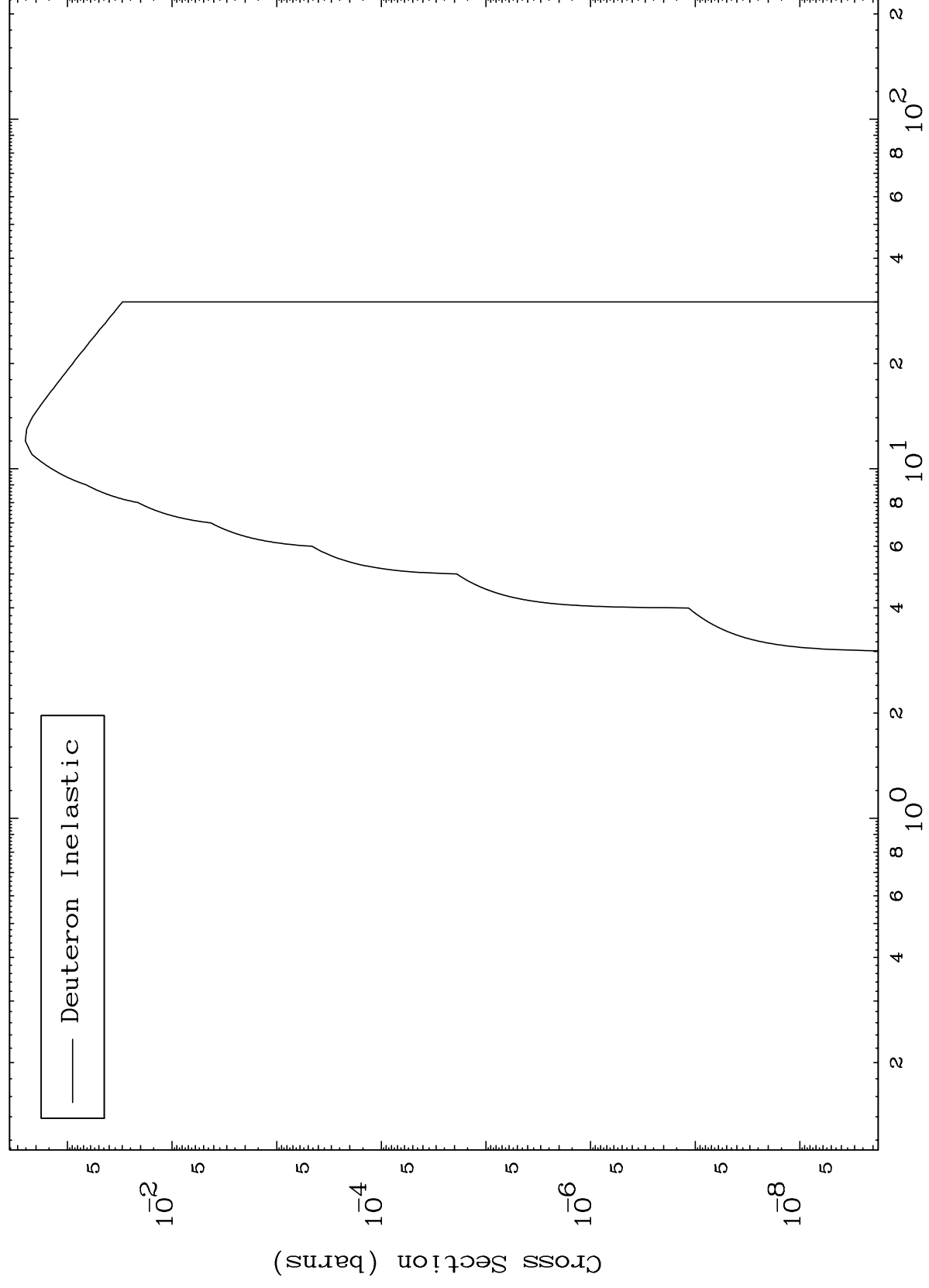








0 Kelvin Cross Sections

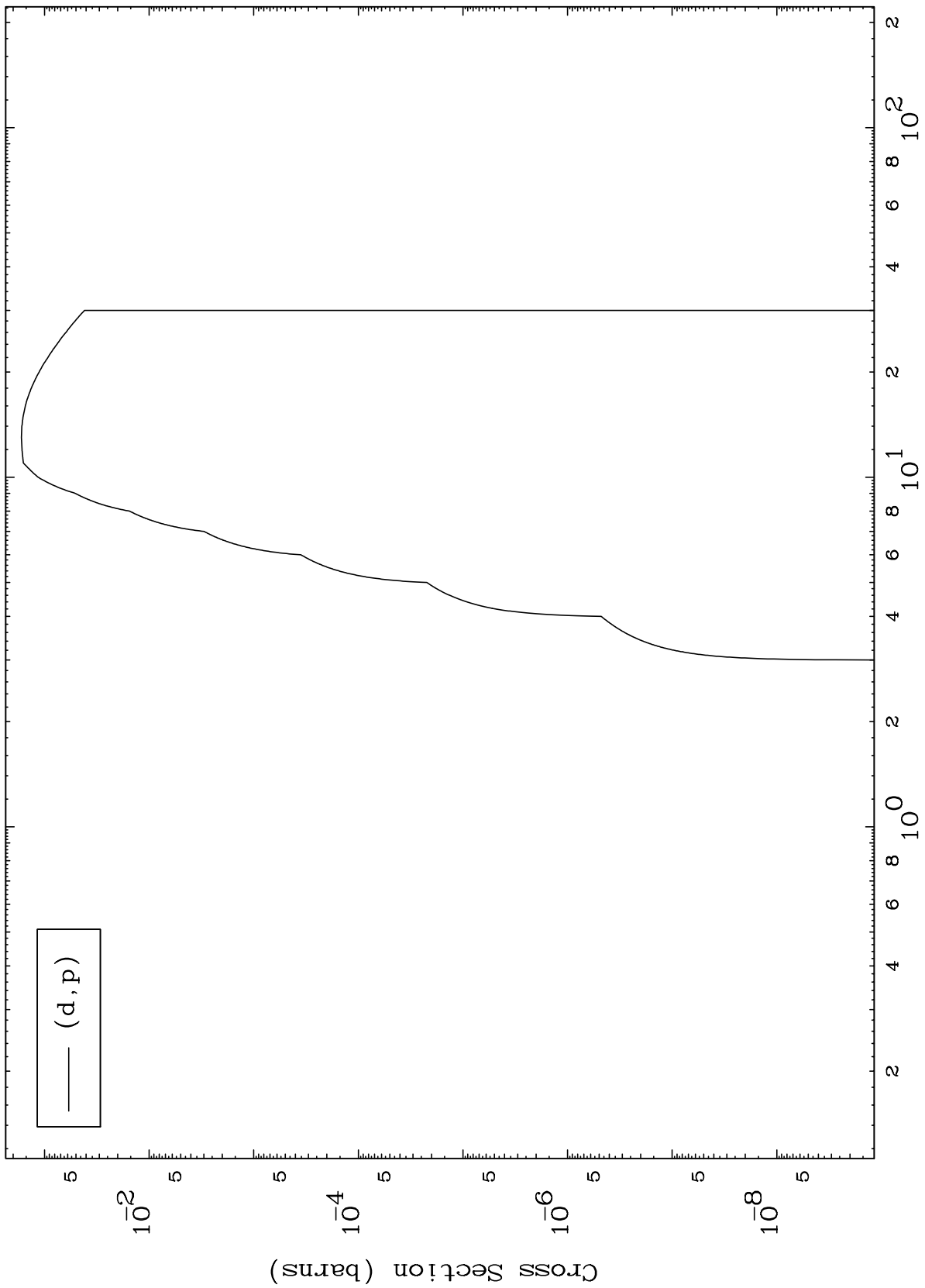


MAT 7907

(d,p) Levels

79-Au-191

0 Kelvin Cross Sections

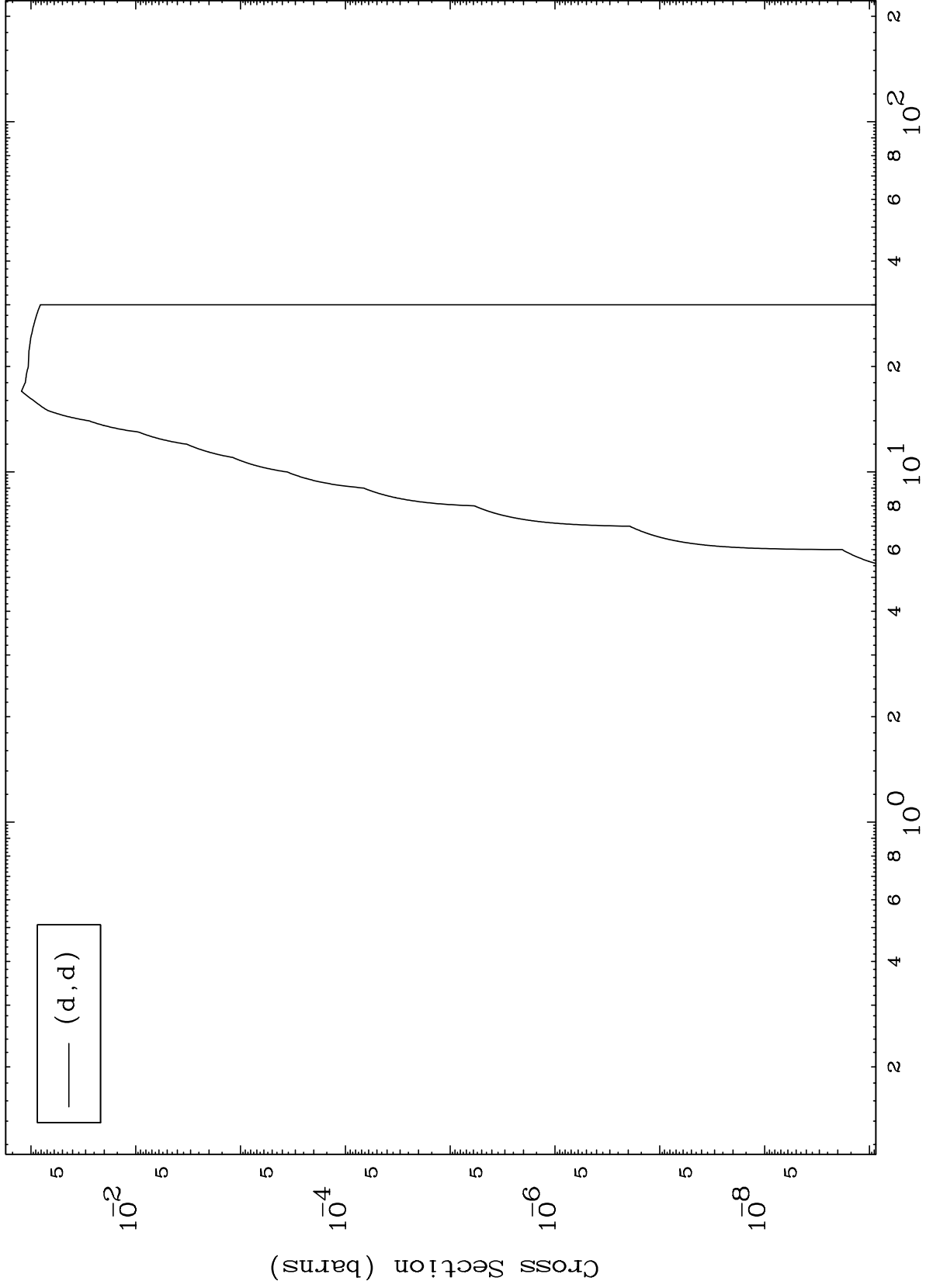


MAT 7907

(d,d) Levels

79-Au-191

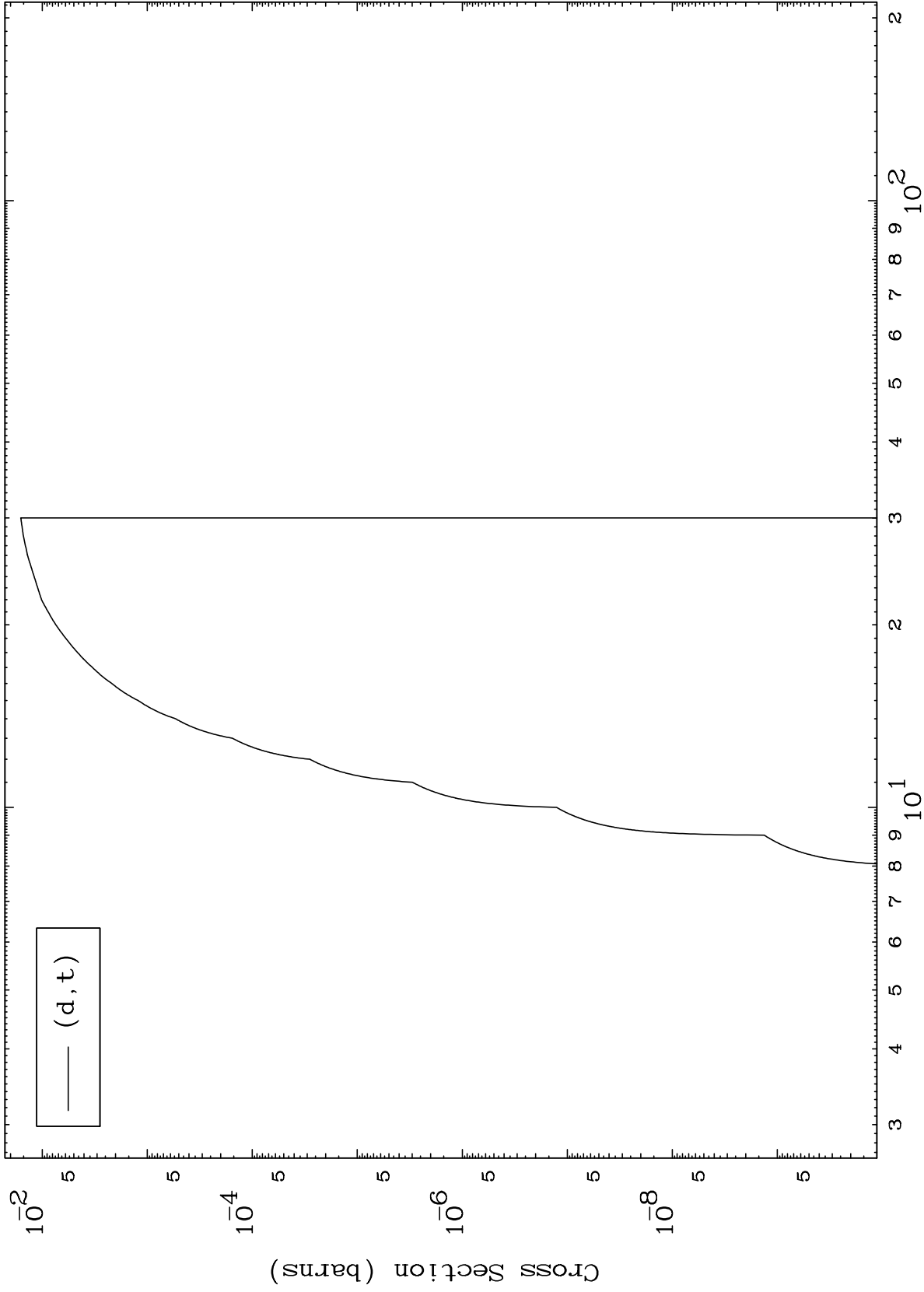
0 Kelvin Cross Sections



MAT 7907

79-Au-191

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

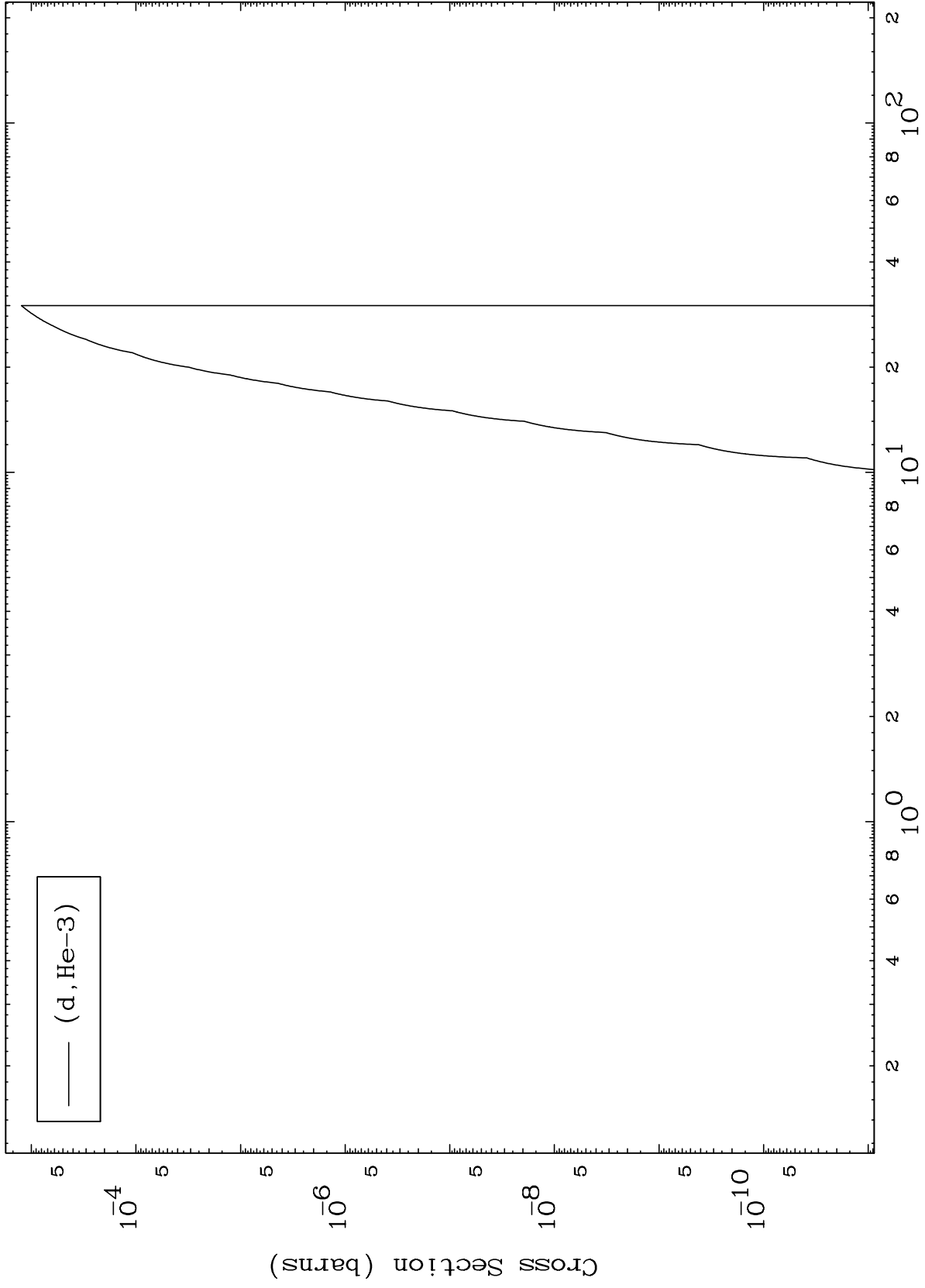
79-Au-191

MAT 7907

(d,He3) Levels

79-Au-191

0 Kelvin Cross Sections



10

Incident Energy (MeV)

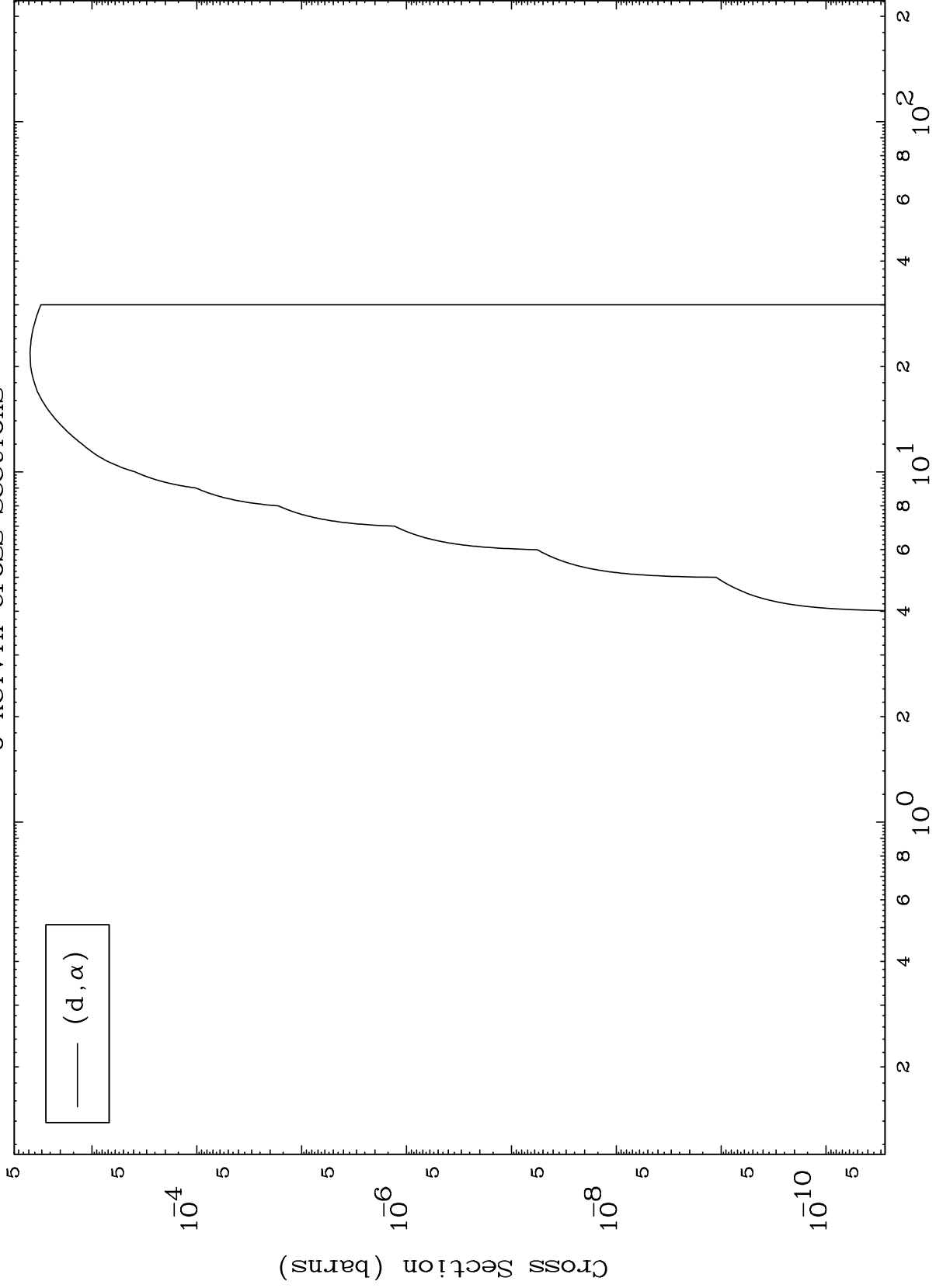
79-Au-191

MAT 7907

(d, α) Levels

79-Au-191

0 Kelvin Cross Sections

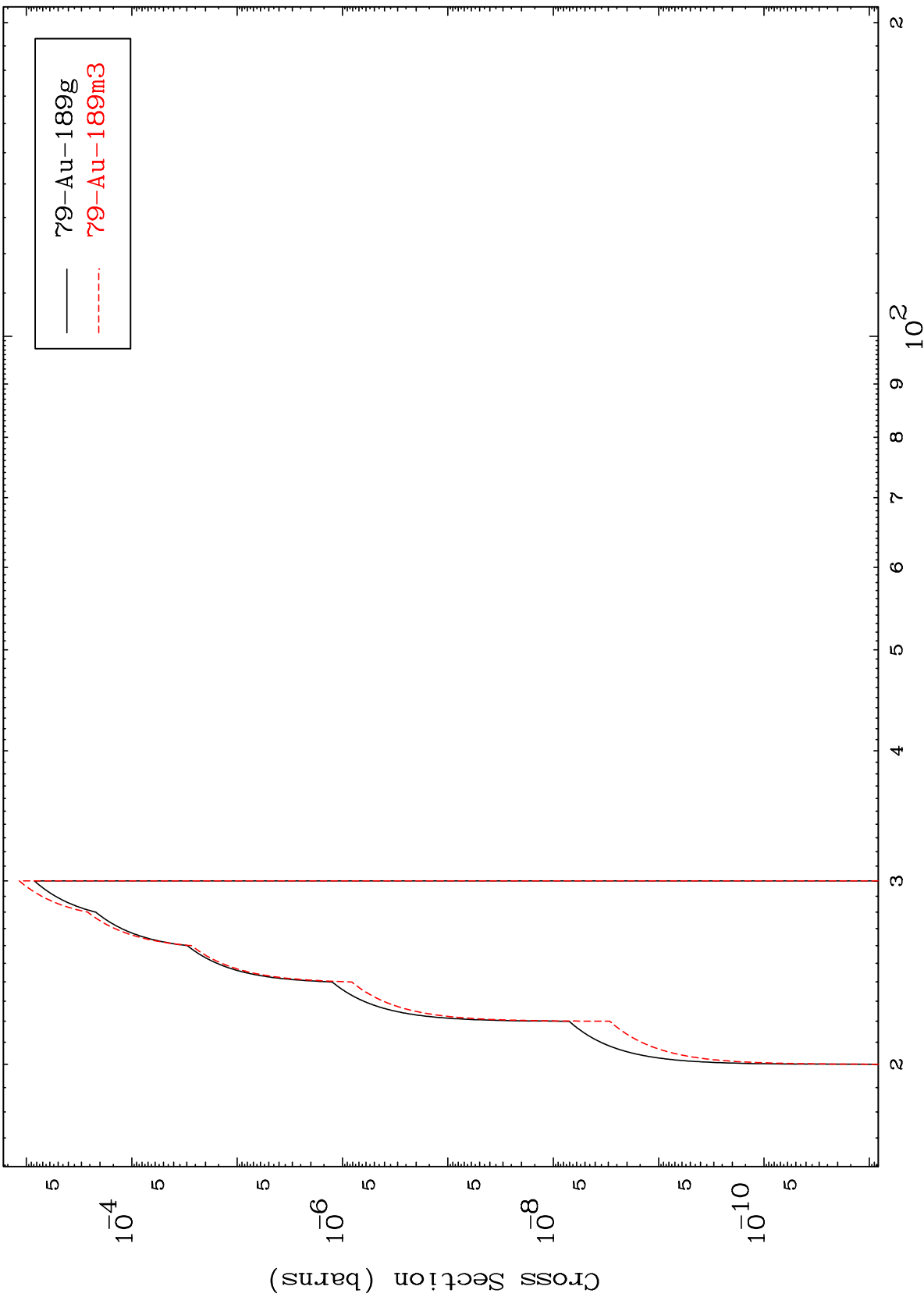


MAT 7907

(d,2n) d

⁷⁹Au-191

Radionuclide Production Cross Section



12

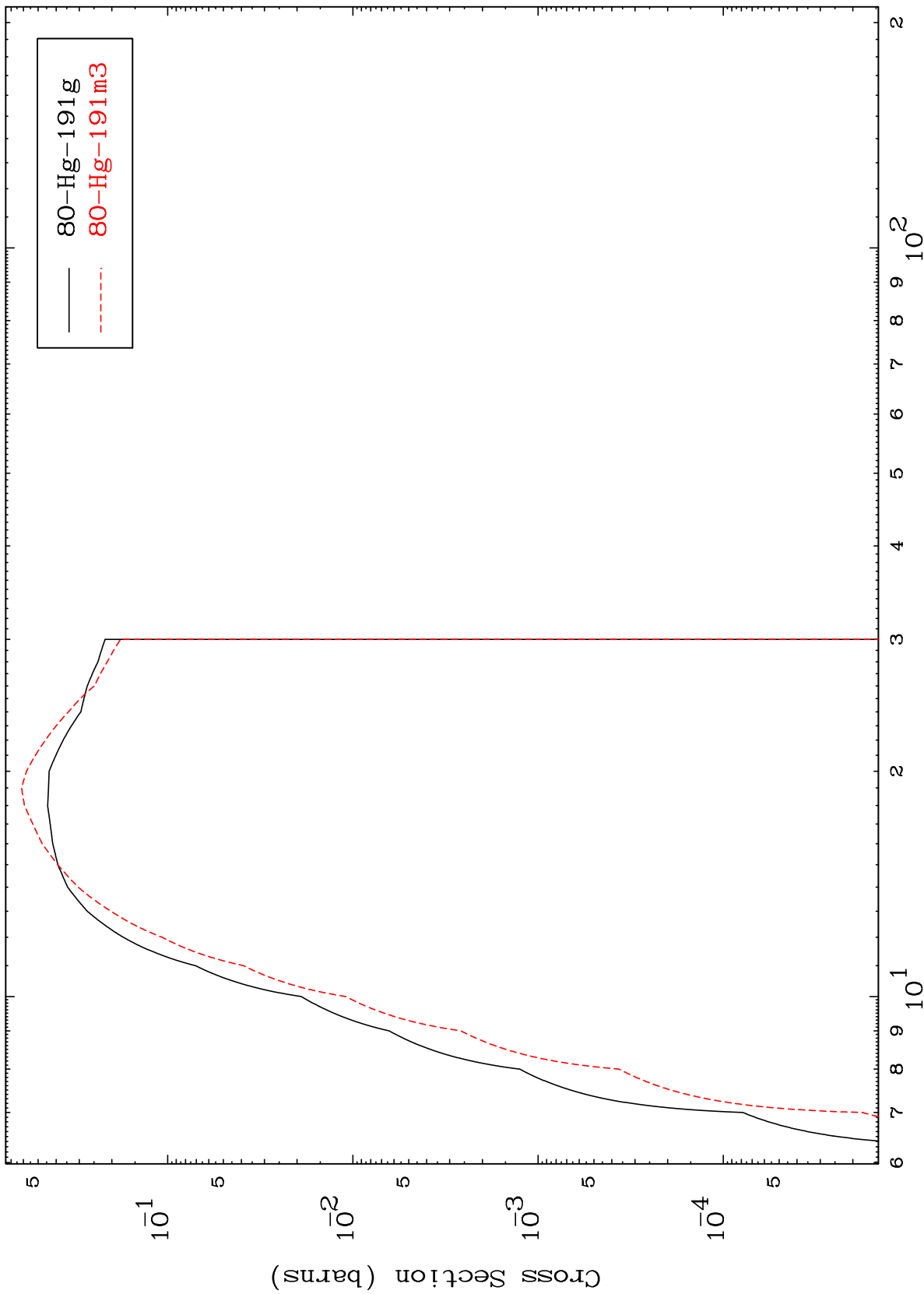
Incident Energy (MeV)

⁷⁹Au-191

MAT 7907

79-Au-191

(d,2n)
Radionuclide Production Cross Section



13

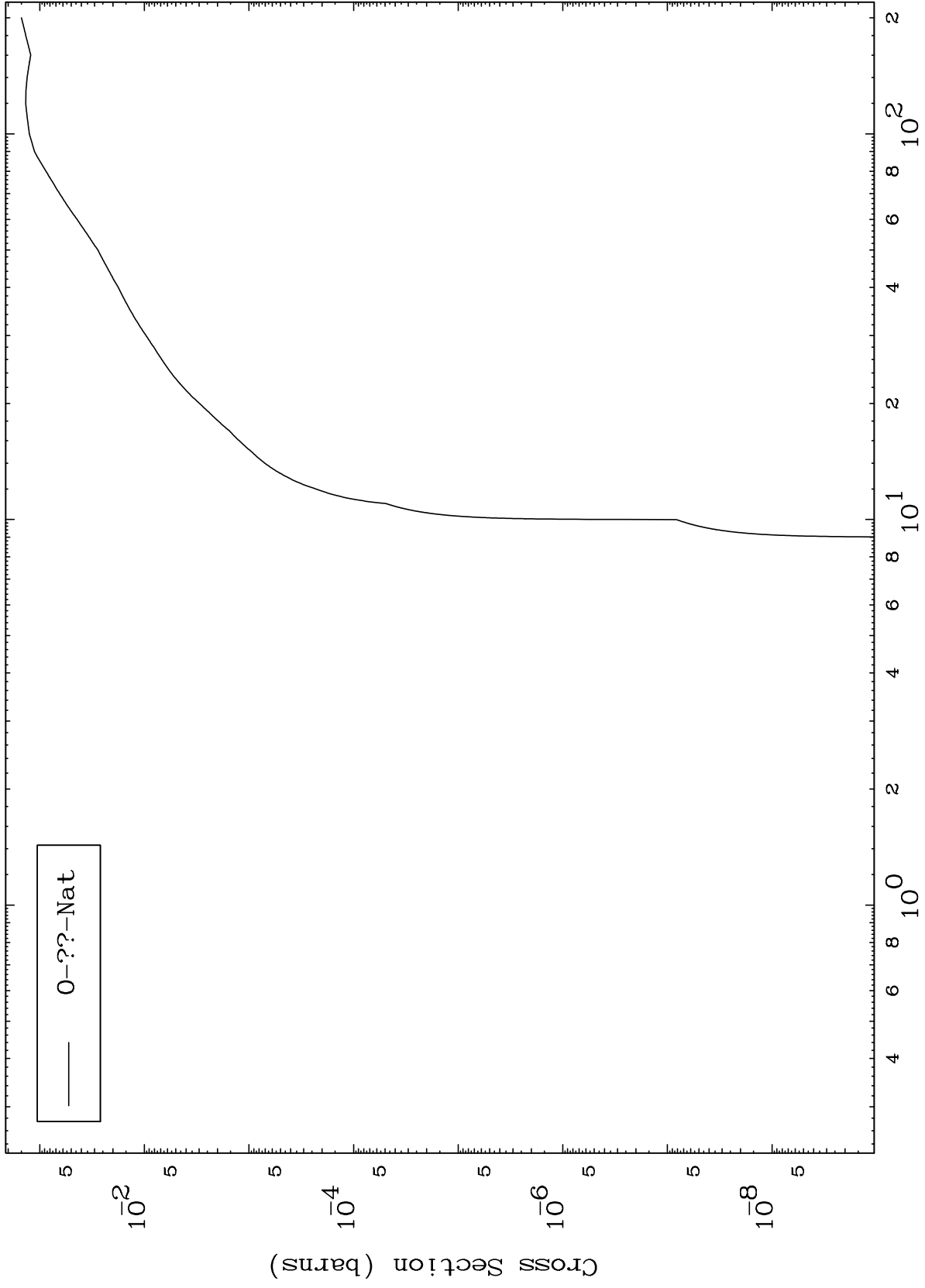
Incident Energy (MeV)

79-Au-191

MAT 7907

Deuteron Fission
Radionuclide Production Cross Section

79-Au-191



14

Incident Energy (MeV)

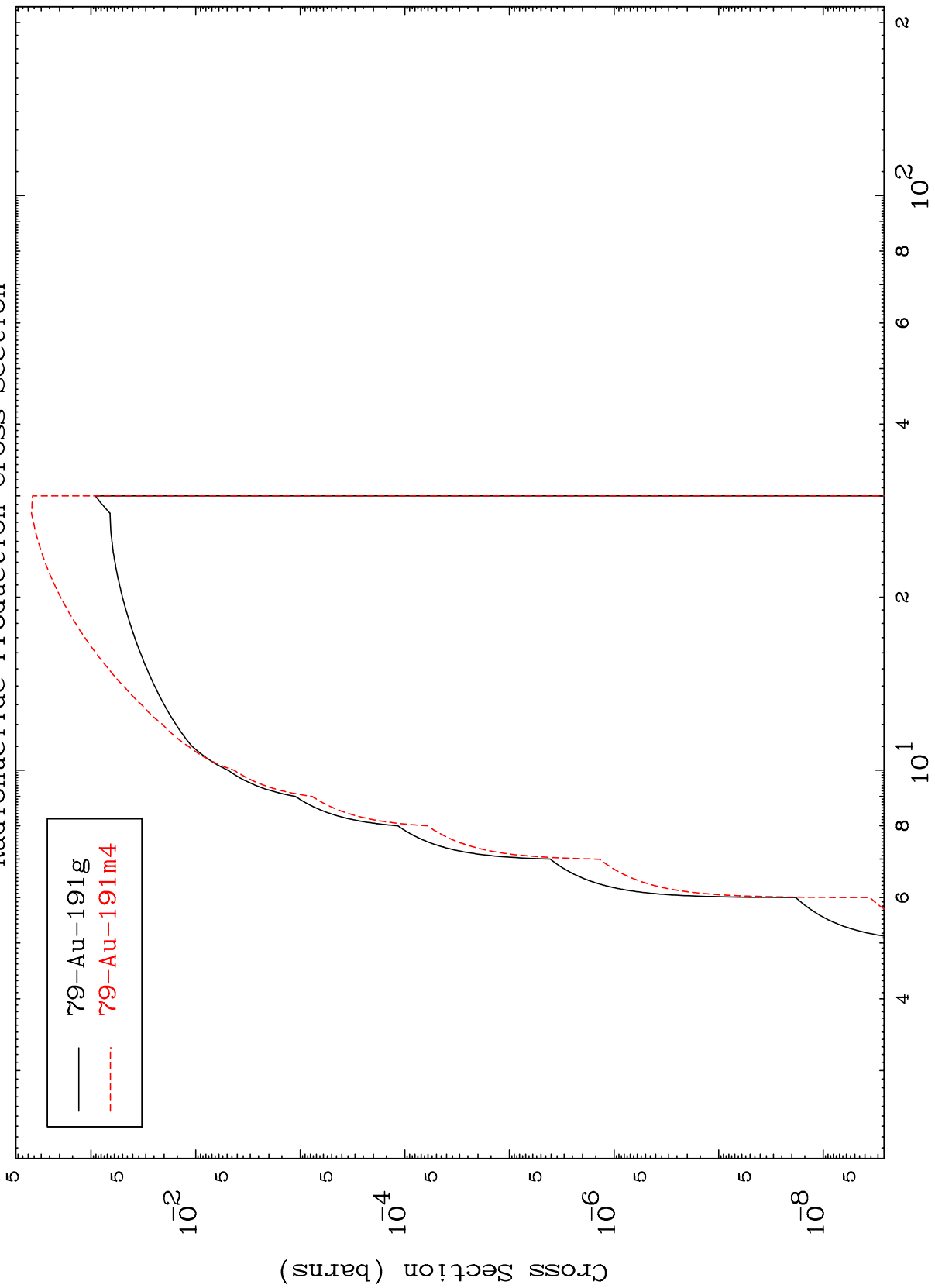
79-Au-191

MAT 7907

⁷⁹Au-191

(d,n') p

Radionuclide Production Cross Section



— 79-Au-191 g
- - - 79-Au-191 m4

⁷⁹Au-191

Incident Energy (MeV)

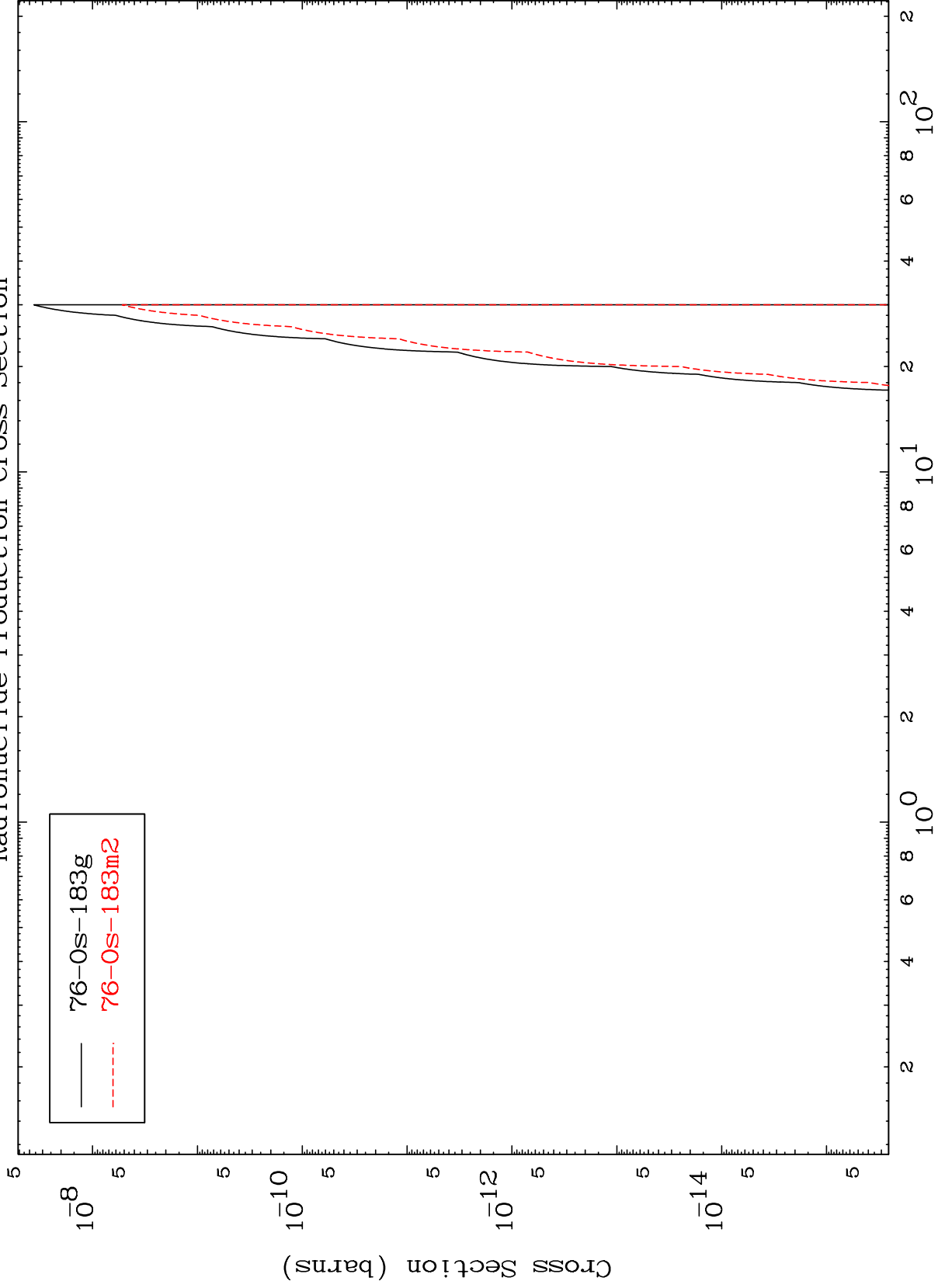
15

MAT 7907

(d,2n) 2α

79-Au-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

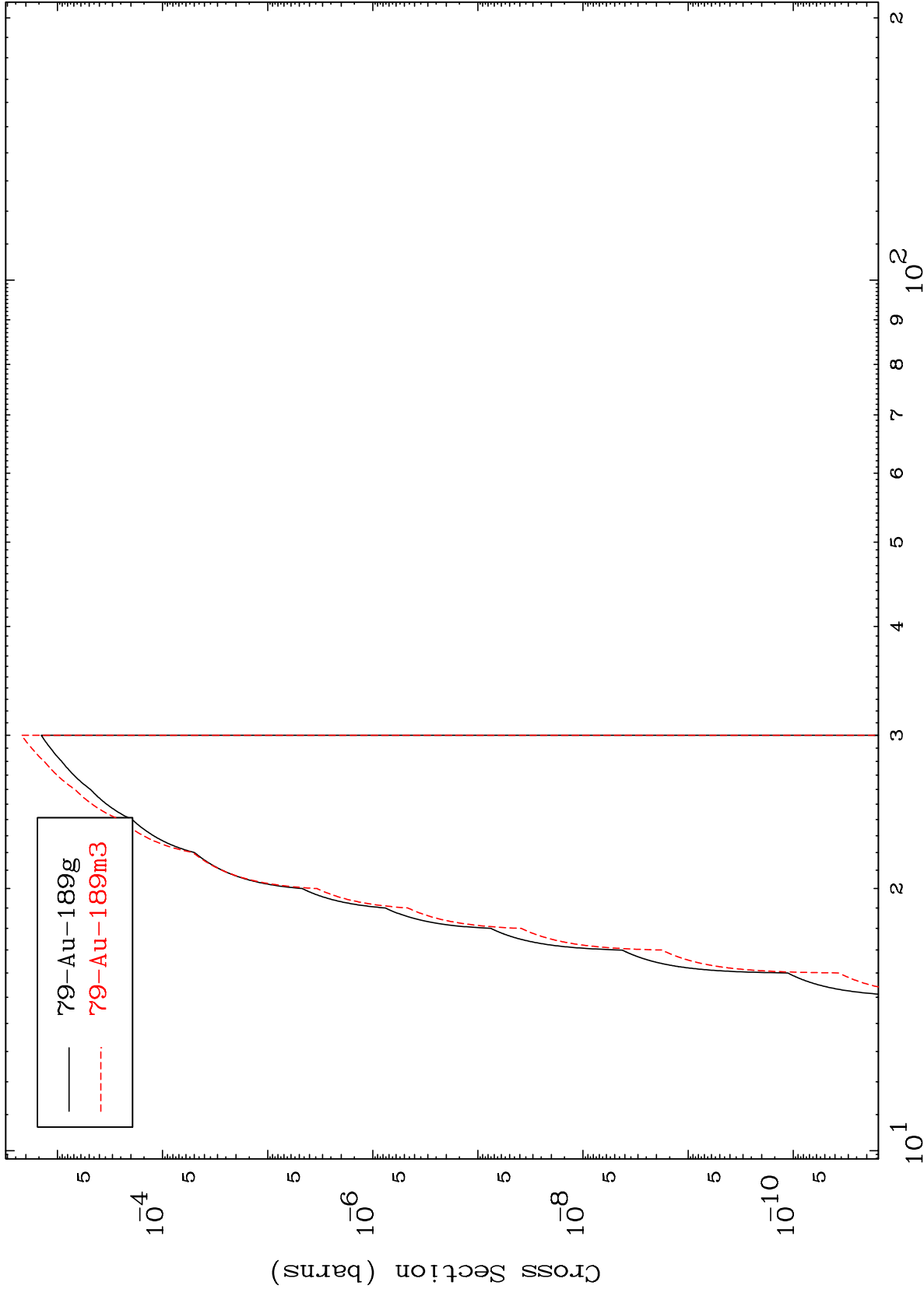
79-Au-191

MAT 7907

(d,n') t

⁷⁹Au-191

Radionuclide Production Cross Section



— ⁷⁹Au-189g
- - - ⁷⁹Au-189m3

10¹

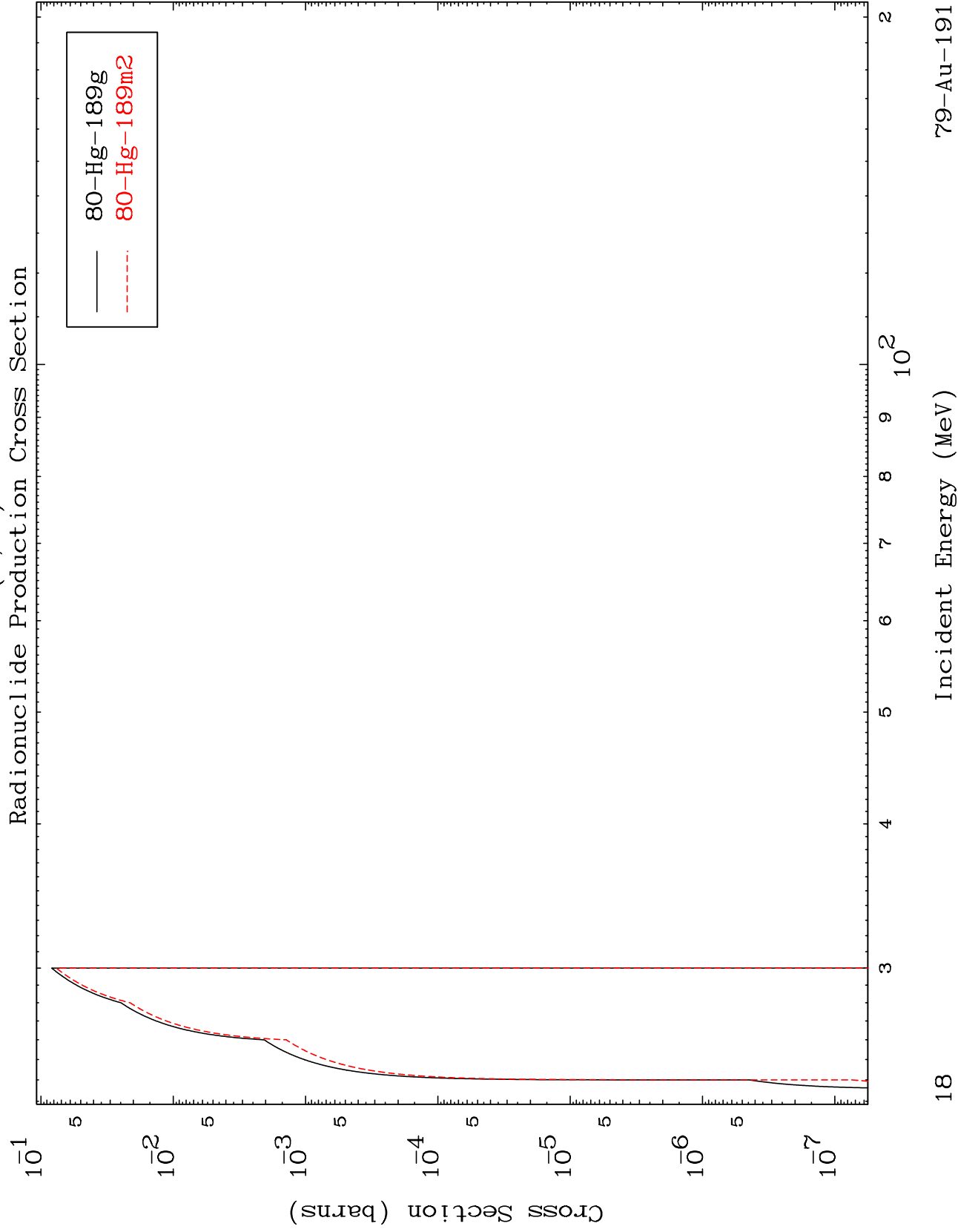
Incident Energy (MeV)

⁷⁹Au-191

MAT 7907

(d,4n)

79-Au-191



18

Incident Energy (MeV)

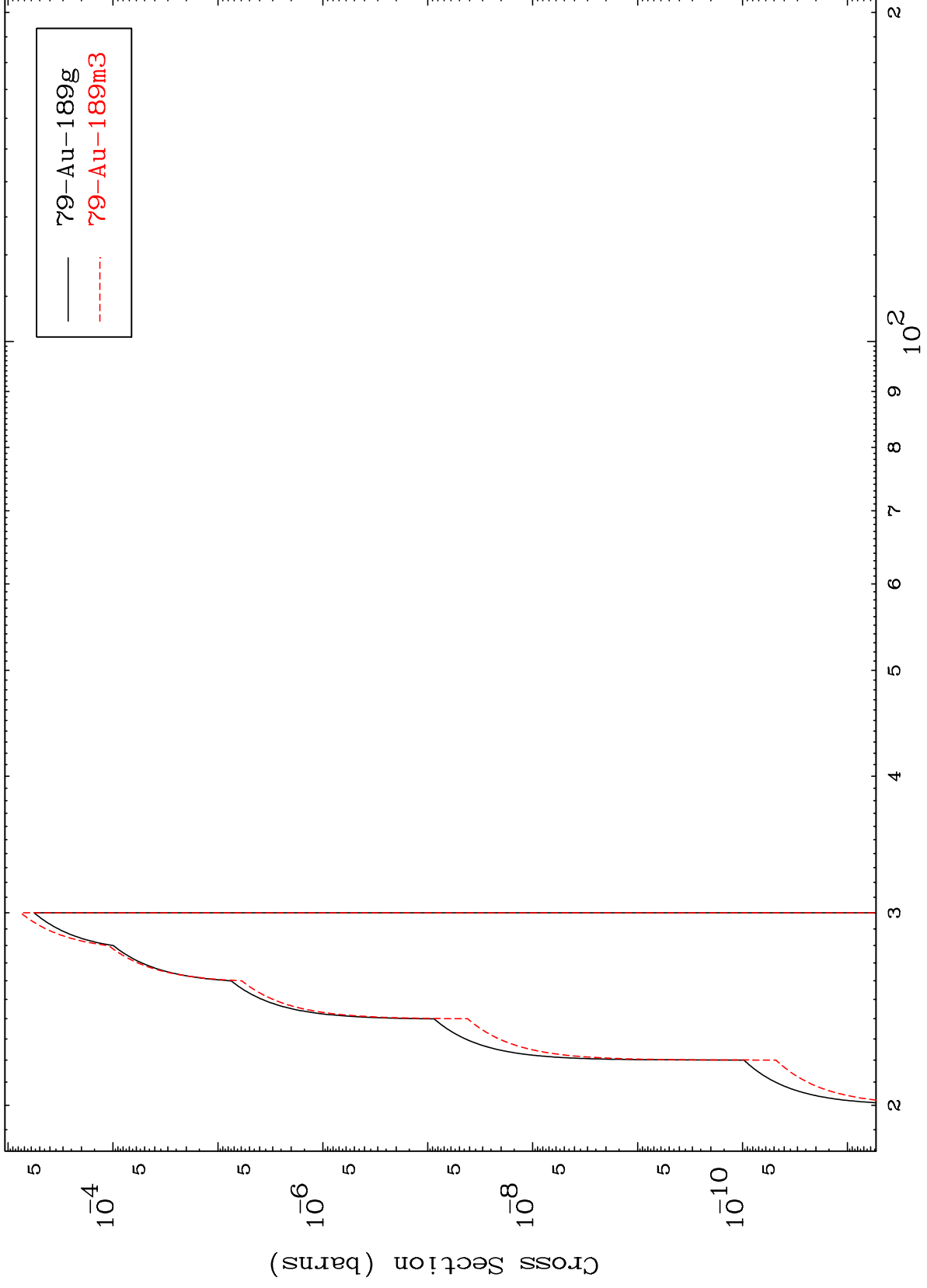
79-Au-191

MAT 7907

(d,3n) p

⁷⁹Au-191

Radionuclide Production Cross Section



19

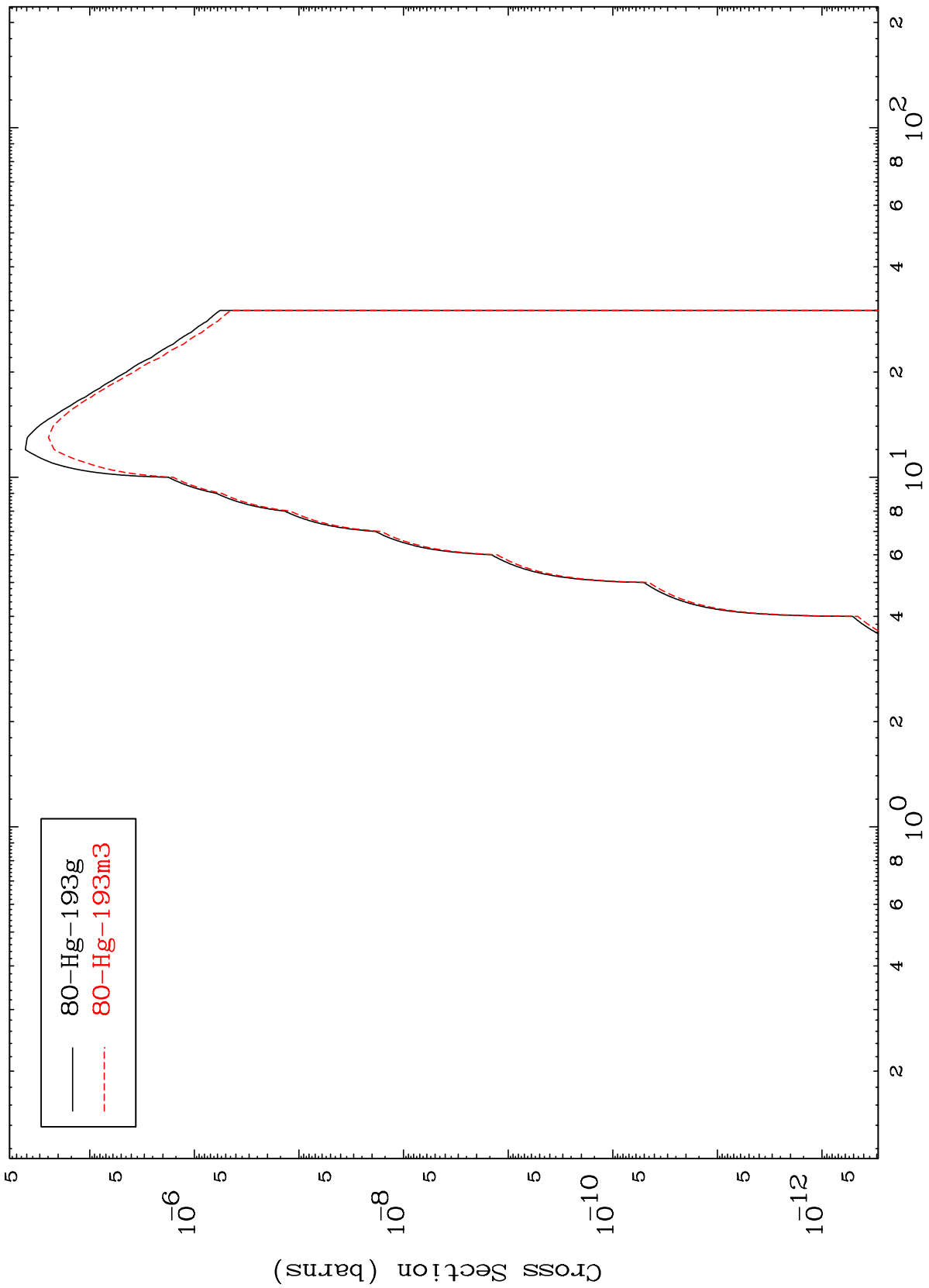
Incident Energy (MeV)

⁷⁹Au-191

MAT 7907

79-Au-191

(d, γ)
Radionuclide Production Cross Section



20

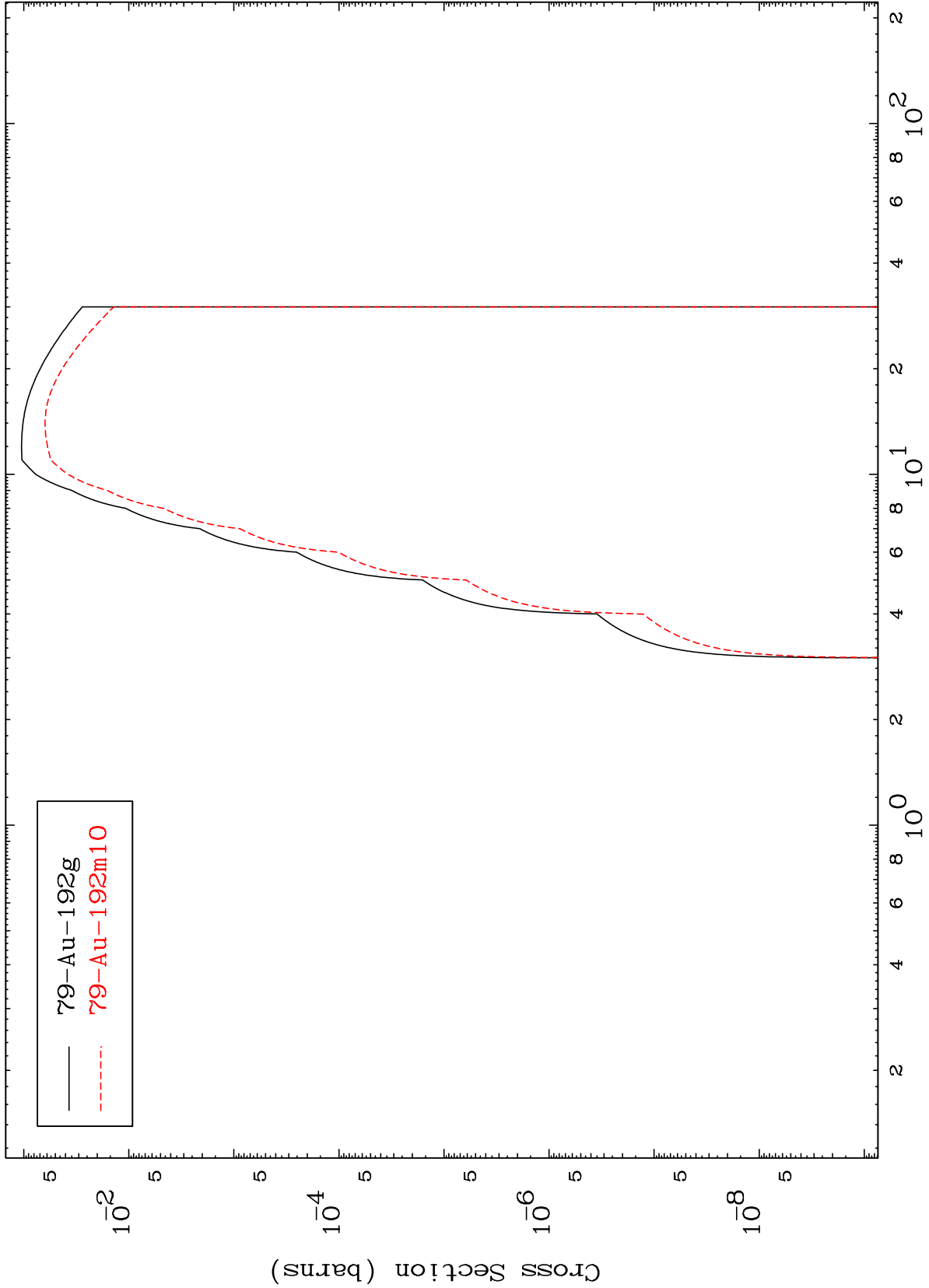
Incident Energy (MeV)

79-Au-191

MAT 7907

79-Au-191

(d,p)
Radionuclide Production Cross Section



79-Au-192g
79-Au-192m10

79-Au-191

Incident Energy (MeV)

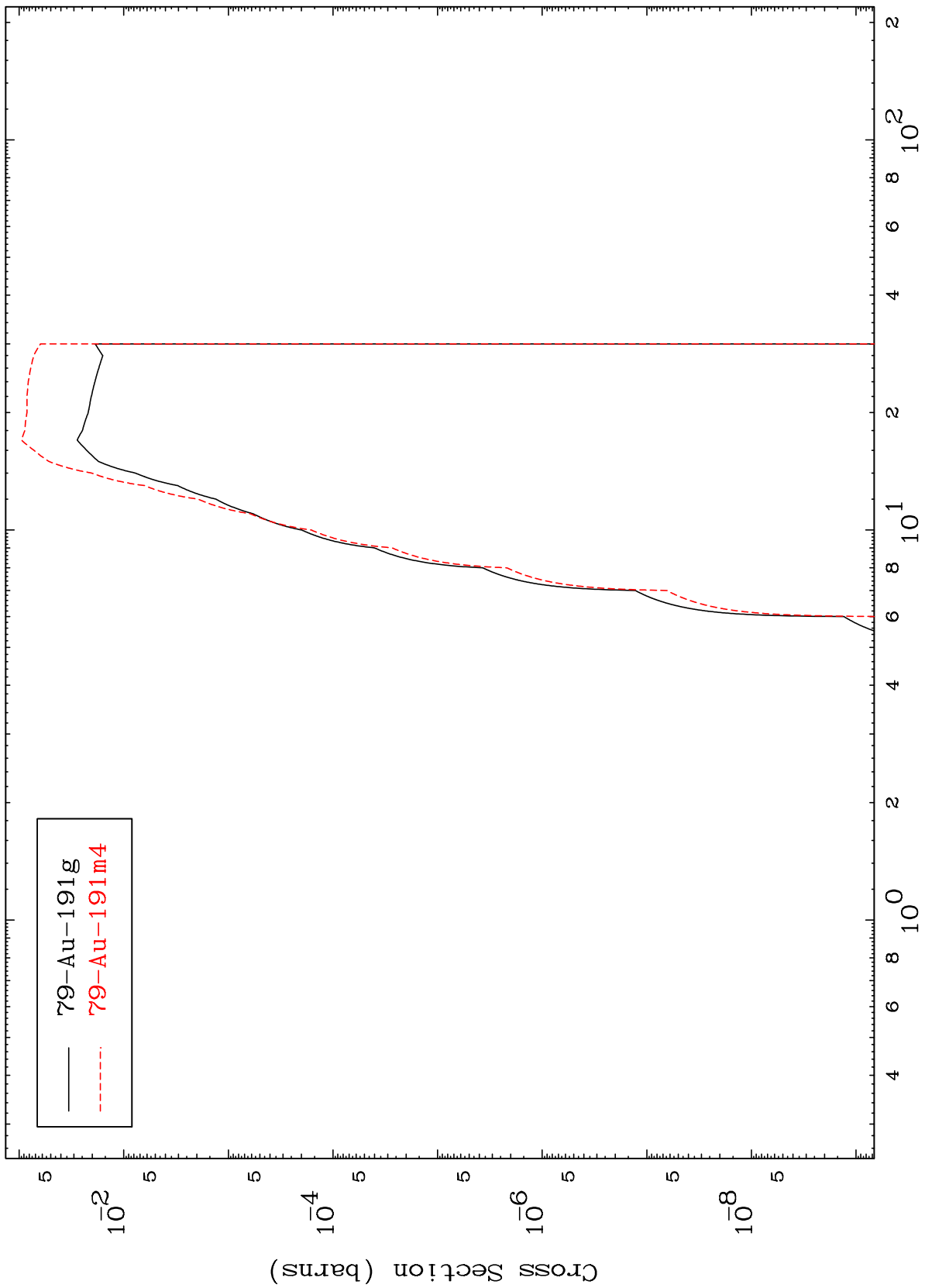
21

MAT 7907

(d,d)

⁷⁹Au-191

Radionuclide Production Cross Section



— ⁷⁹Au-191 g
- - - ⁷⁹Au-191 m4