

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

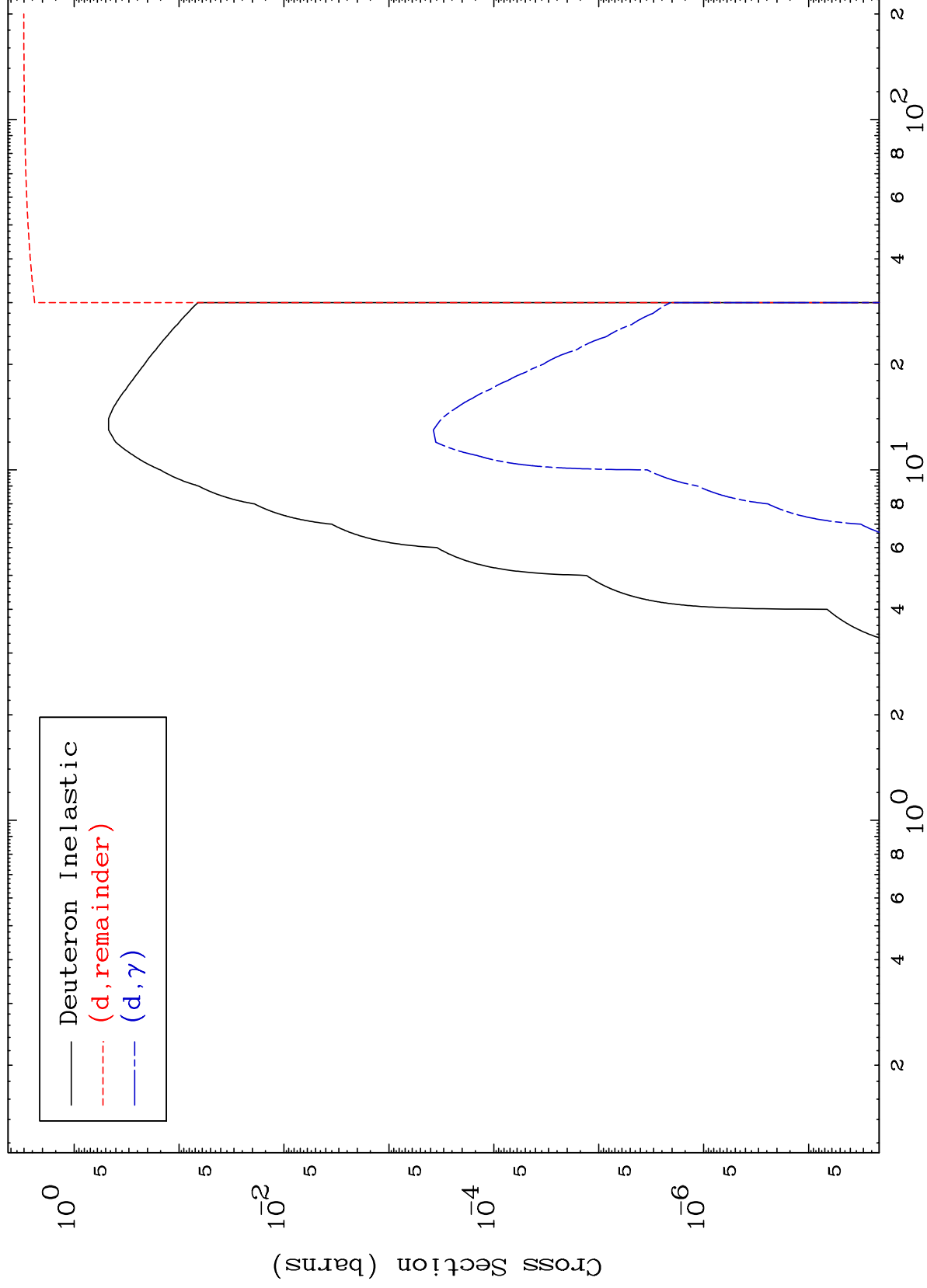
Press Mouse Button to Start

MAT 7896

Deuteron Major

79-Au-187

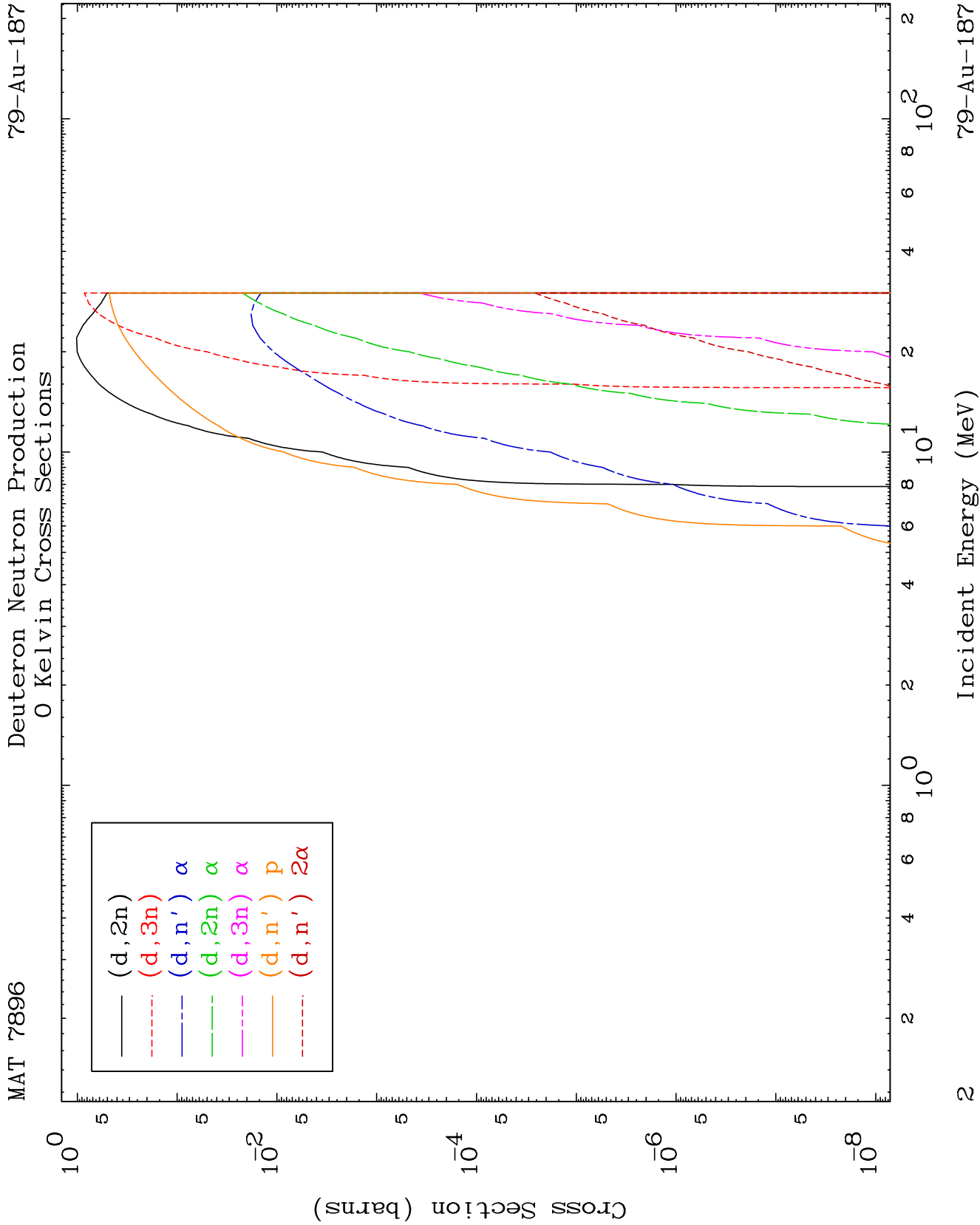
0 Kelvin Cross Sections

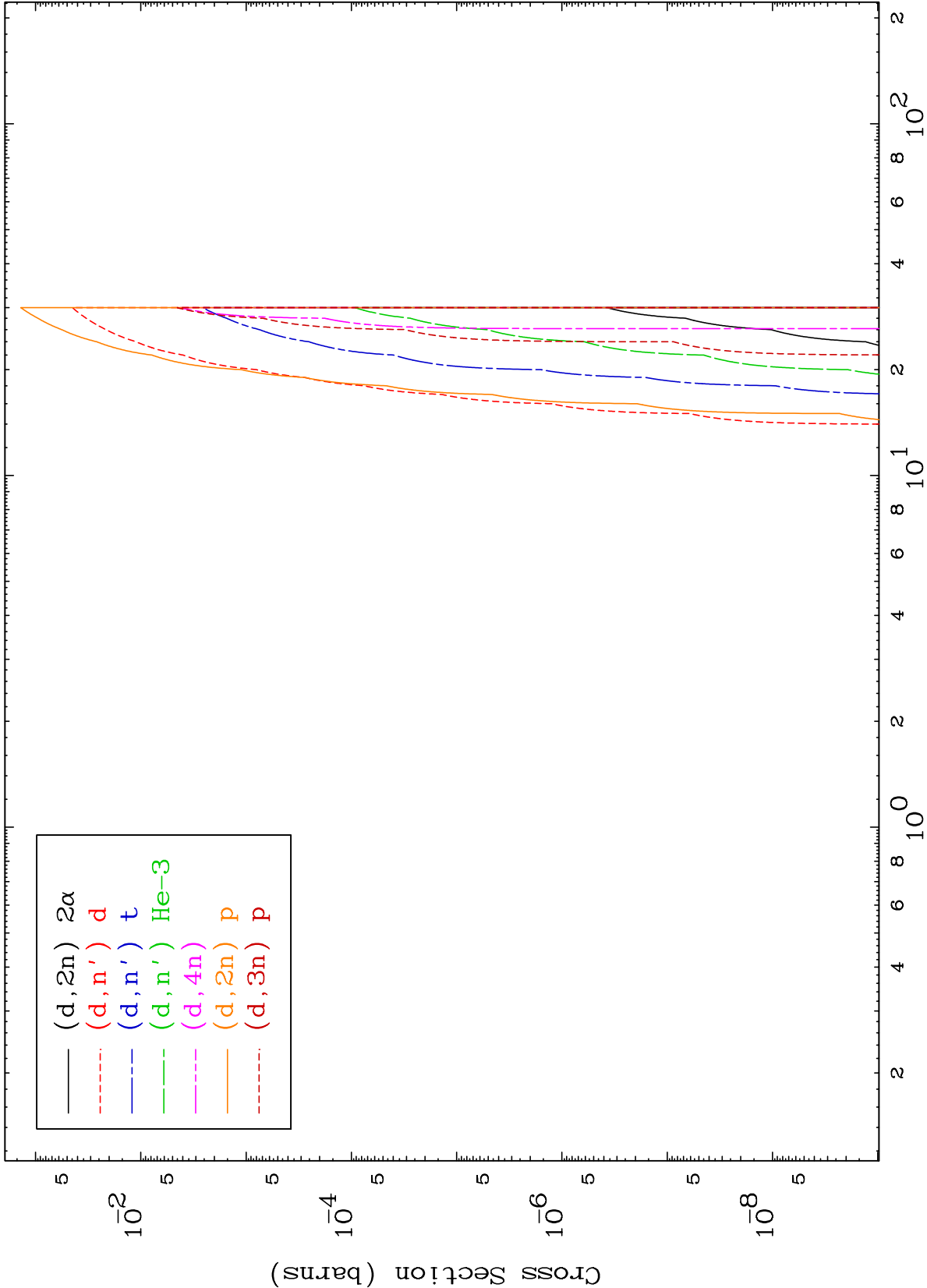


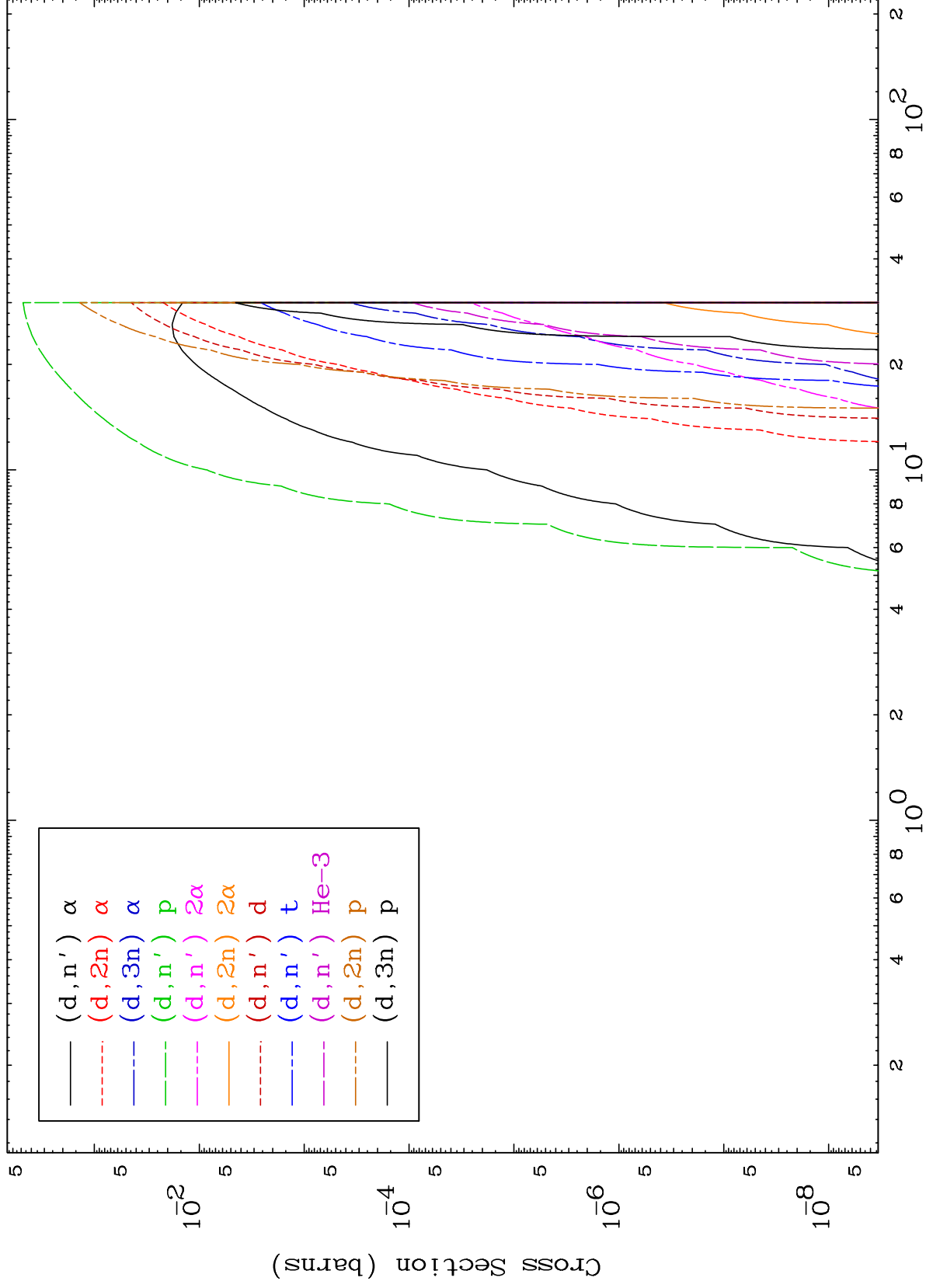
1

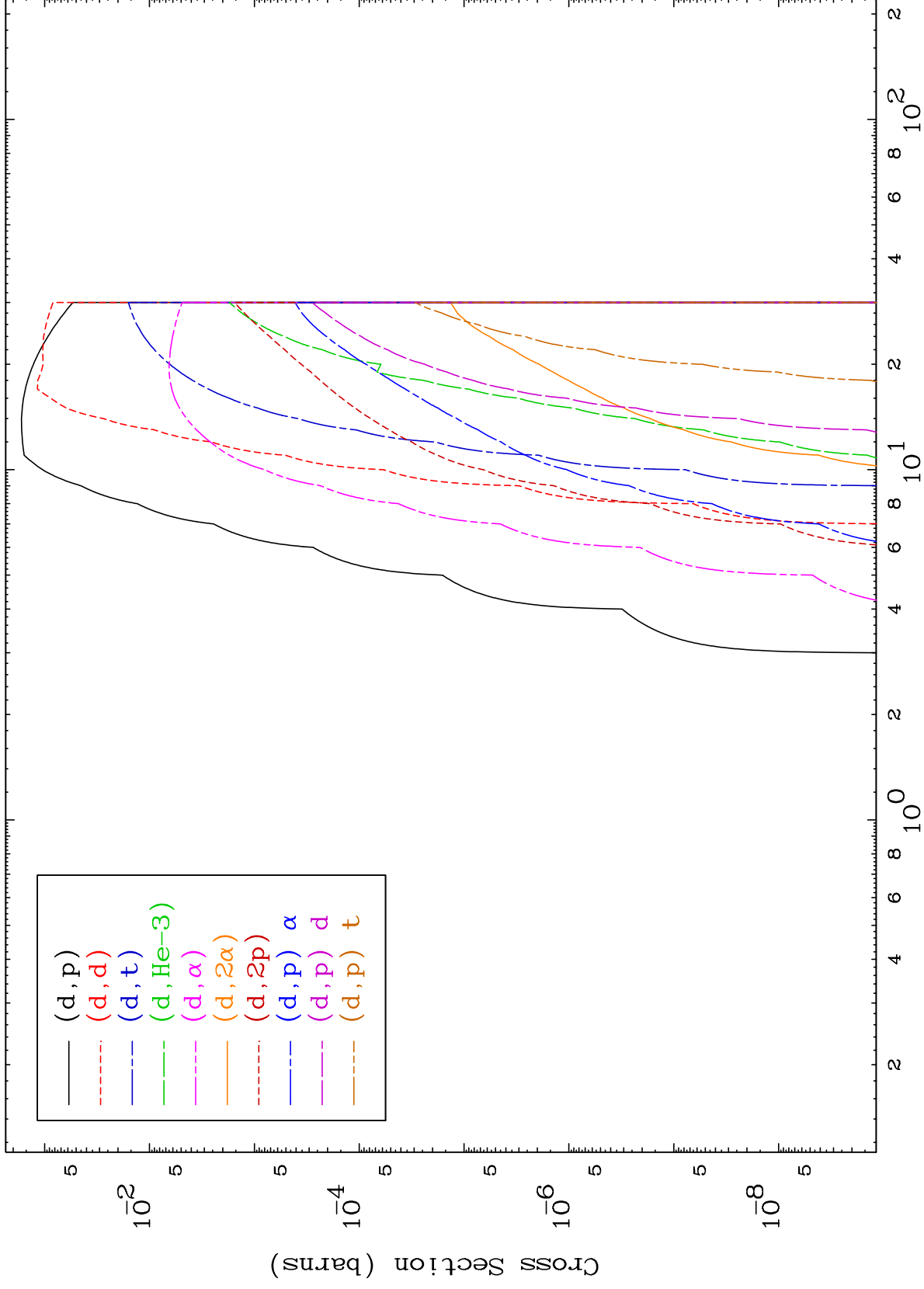
Incident Energy (MeV)

79-Au-187





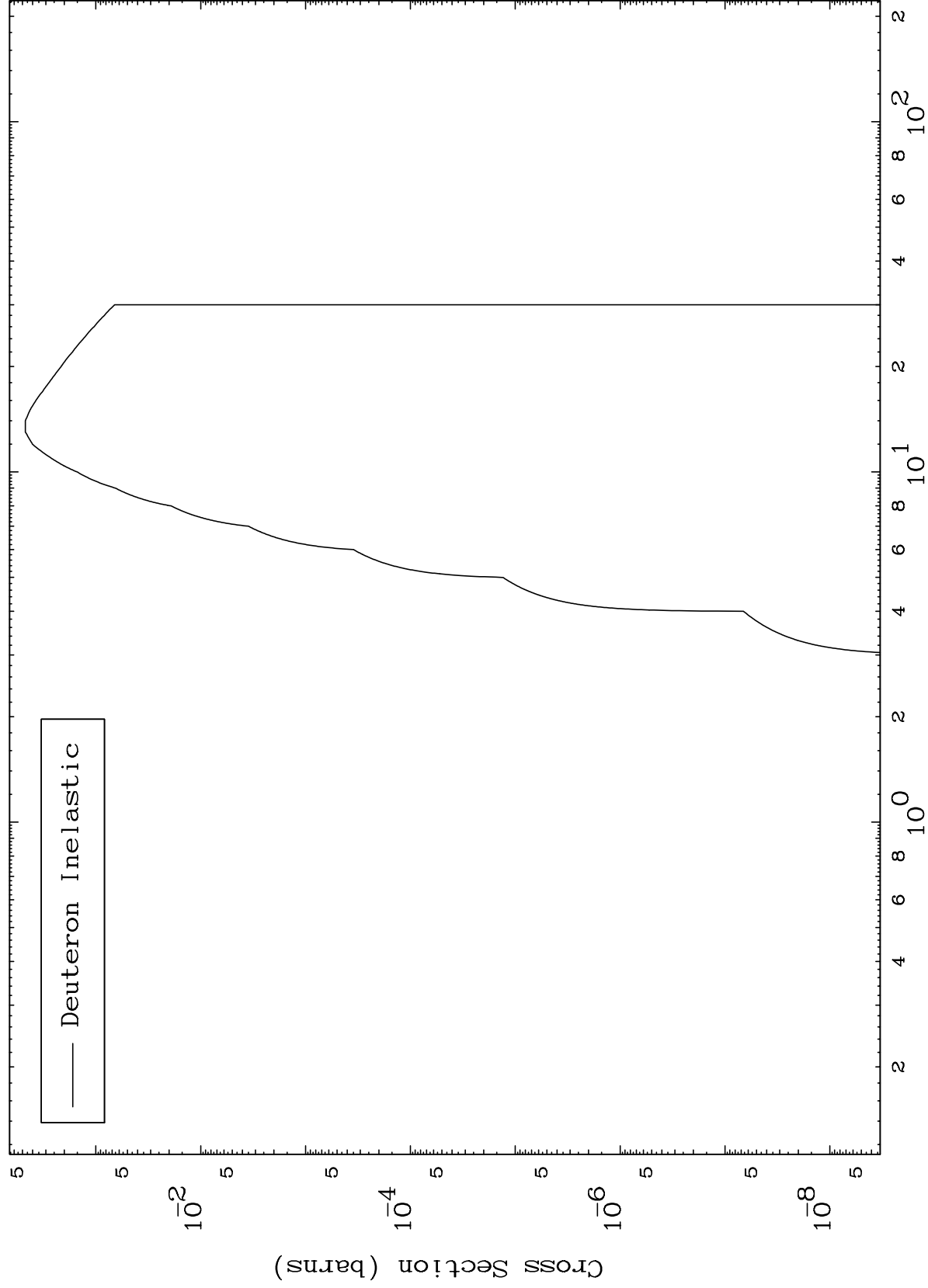




MAT 7896

79-Au-187

(d,n') Level
0 Kelvin Cross Sections



Deuteron Inelastic

79-Au-187

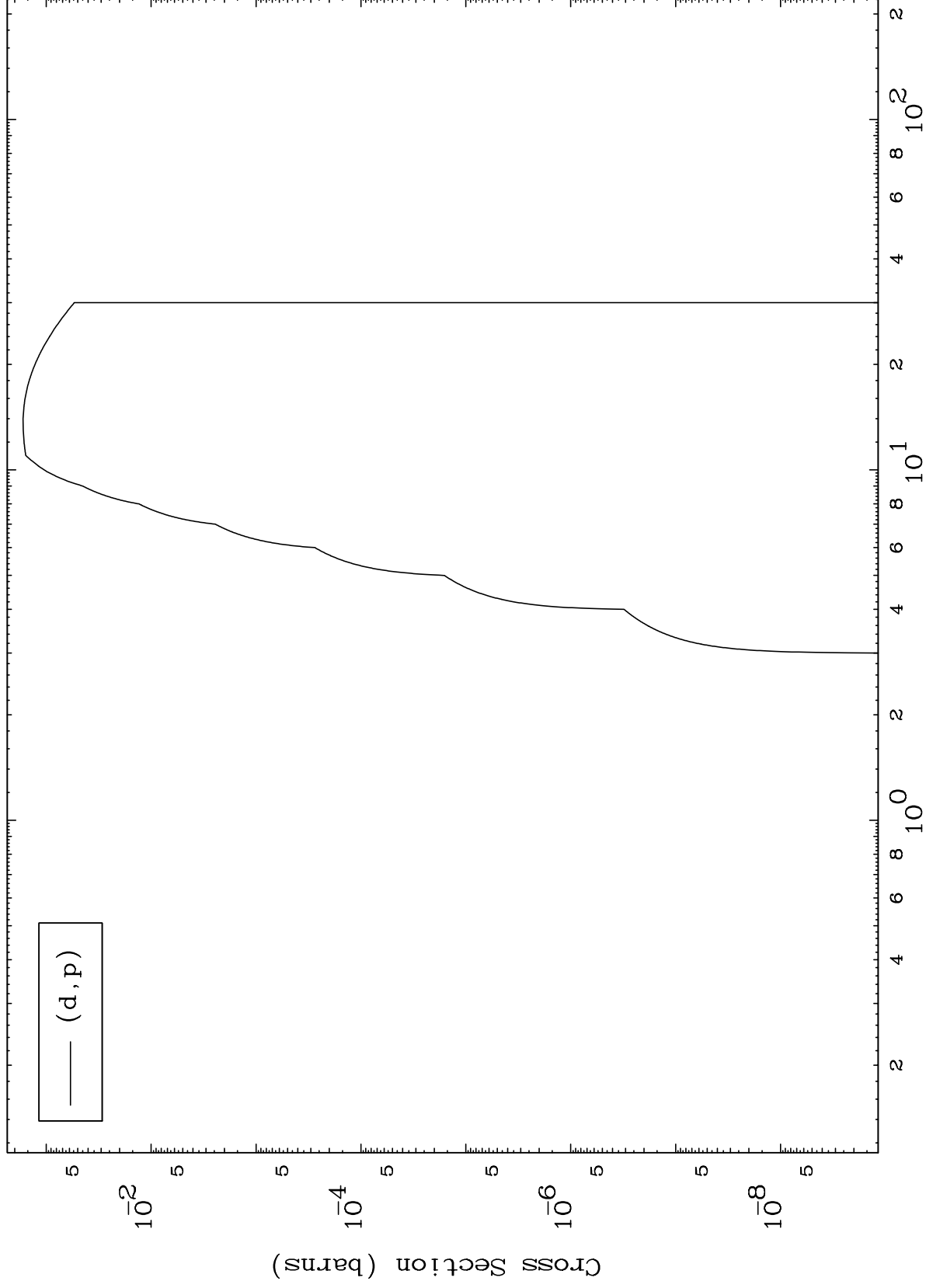
Incident Energy (MeV)

6

MAT 7896

79-Au-187

(d,p) Levels
0 Kelvin Cross Sections



7

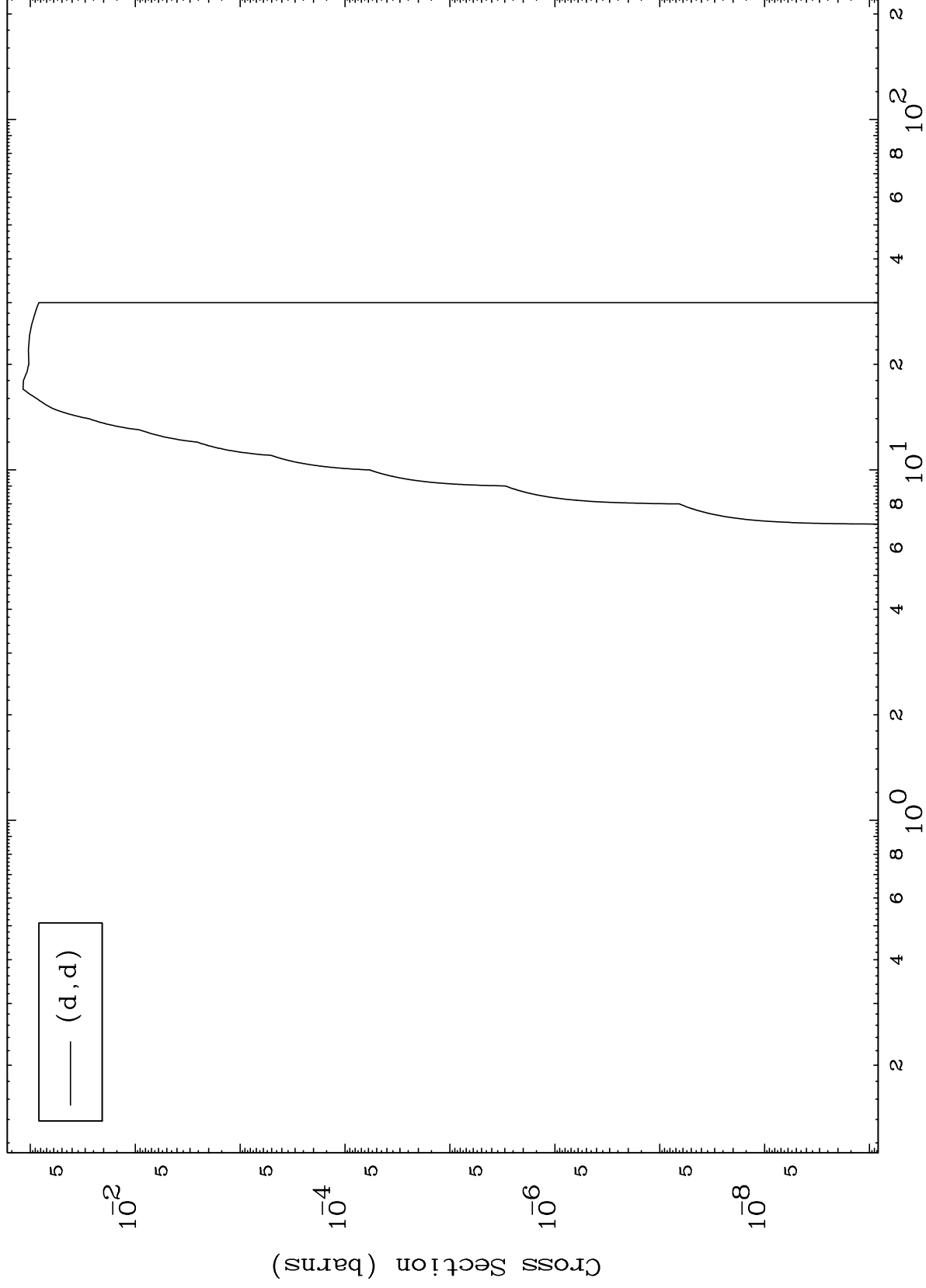
Incident Energy (MeV)

79-Au-187

MAT 7896

79-Au-187

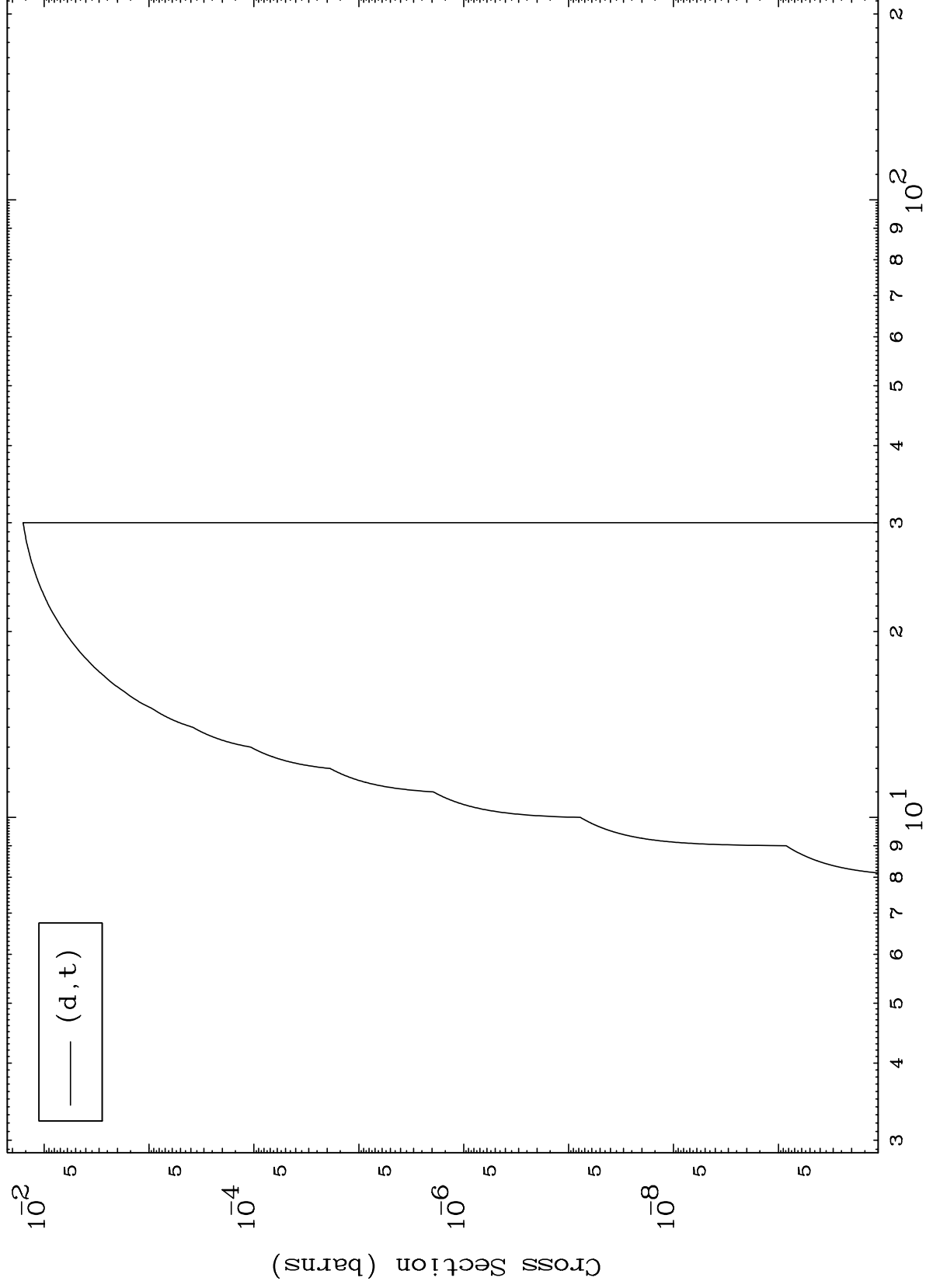
(d,d) Levels
0 Kelvin Cross Sections



MAT 7896

79-Au-187

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

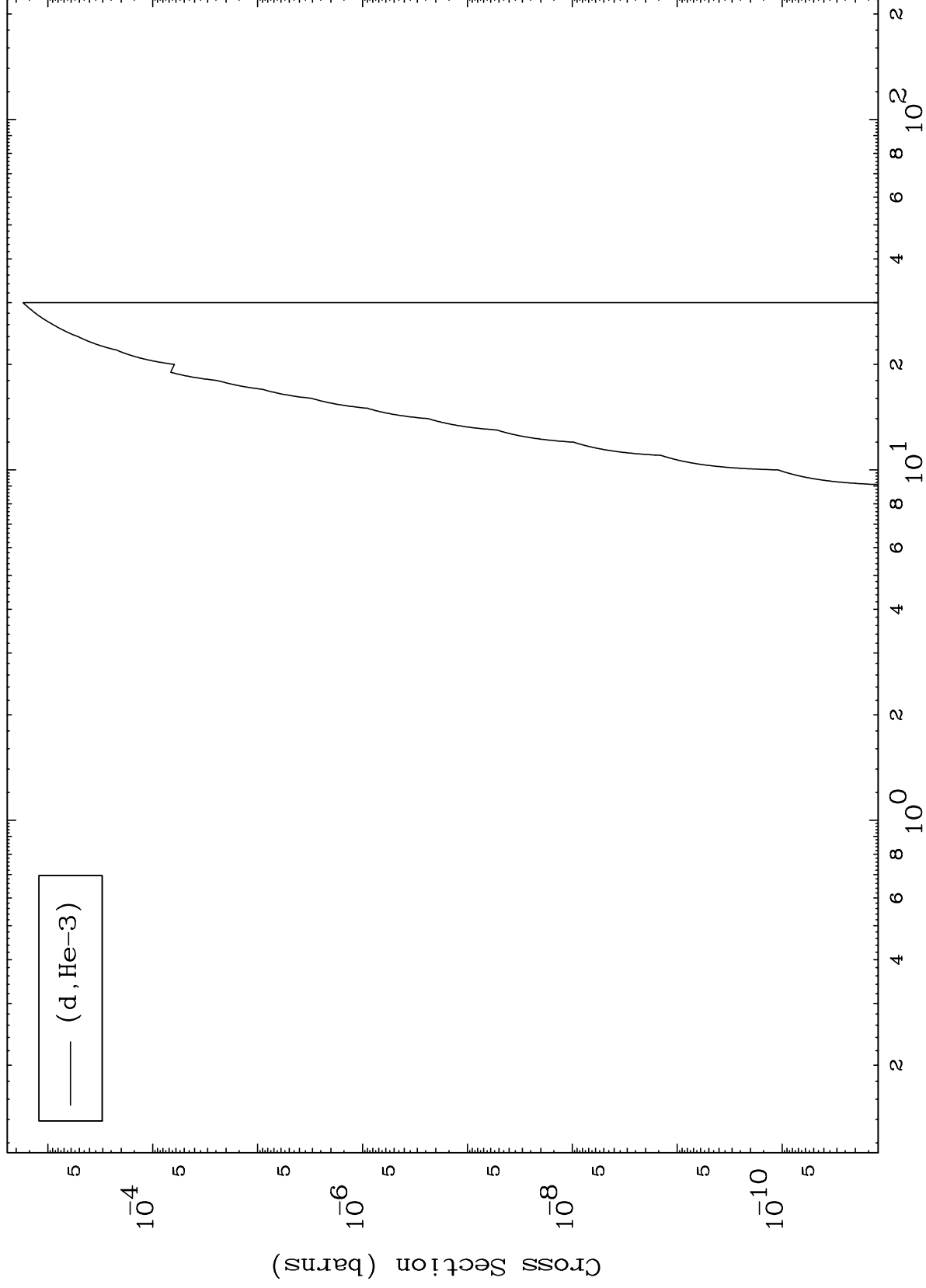
79-Au-187

MAT 7896

(d,He3) Levels

79-Au-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

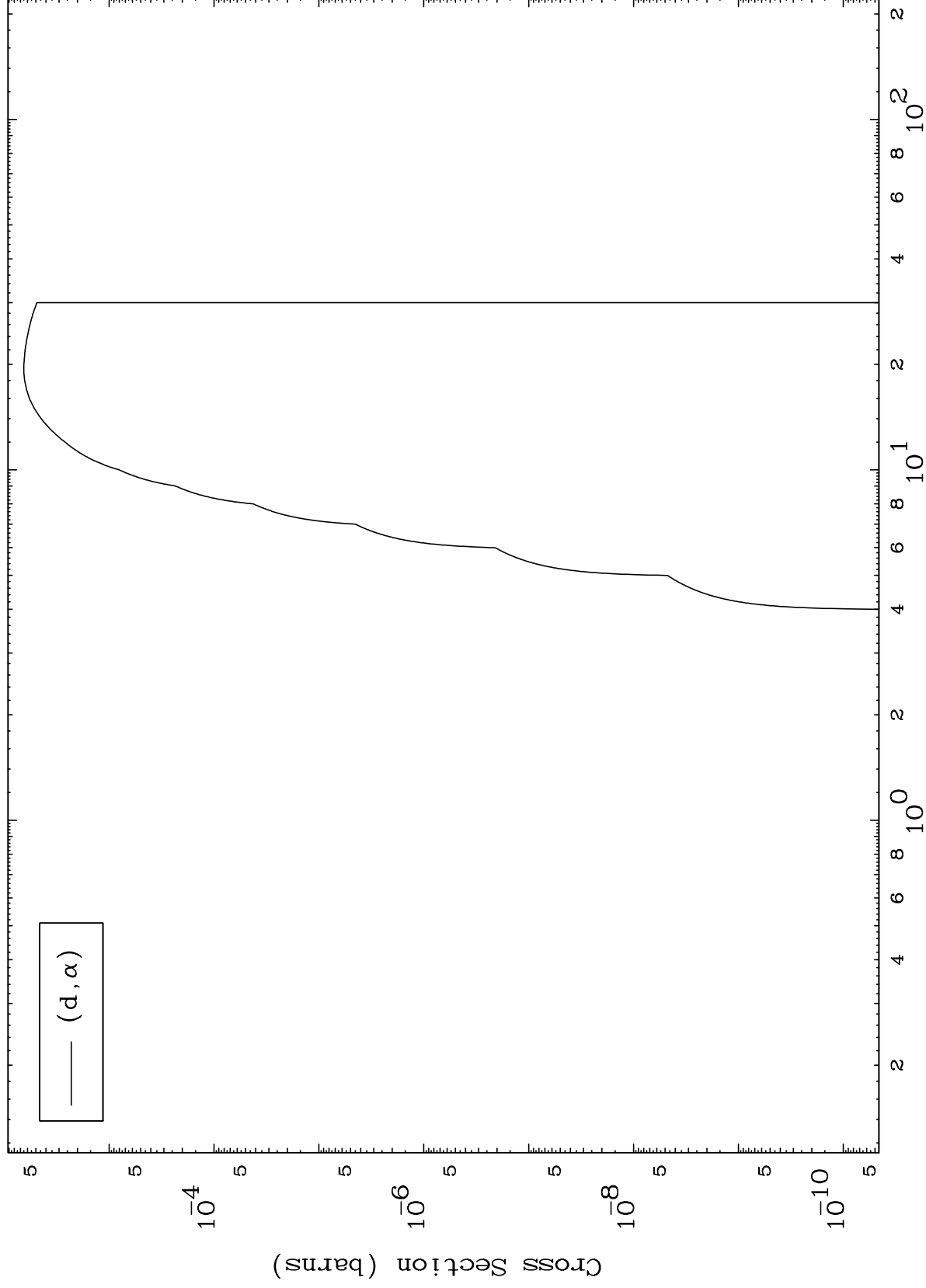
79-Au-187

MAT 7896

79-Au-187

(d, α) Levels

0 Kelvin Cross Sections



— (d, α)

11

Incident Energy (MeV)

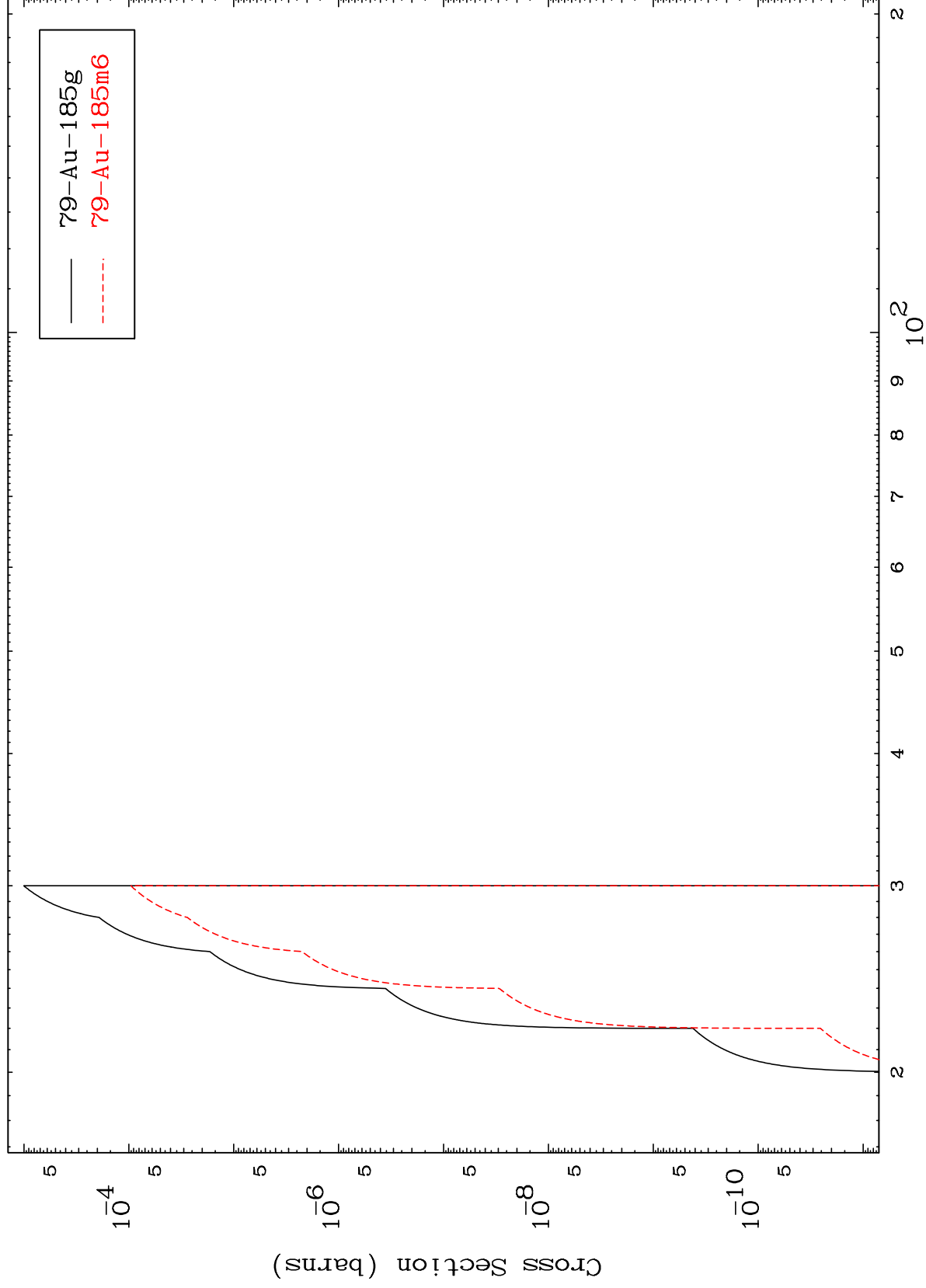
79-Au-187

MAT 7896

(d,2n) d

⁷⁹Au-¹⁸⁷

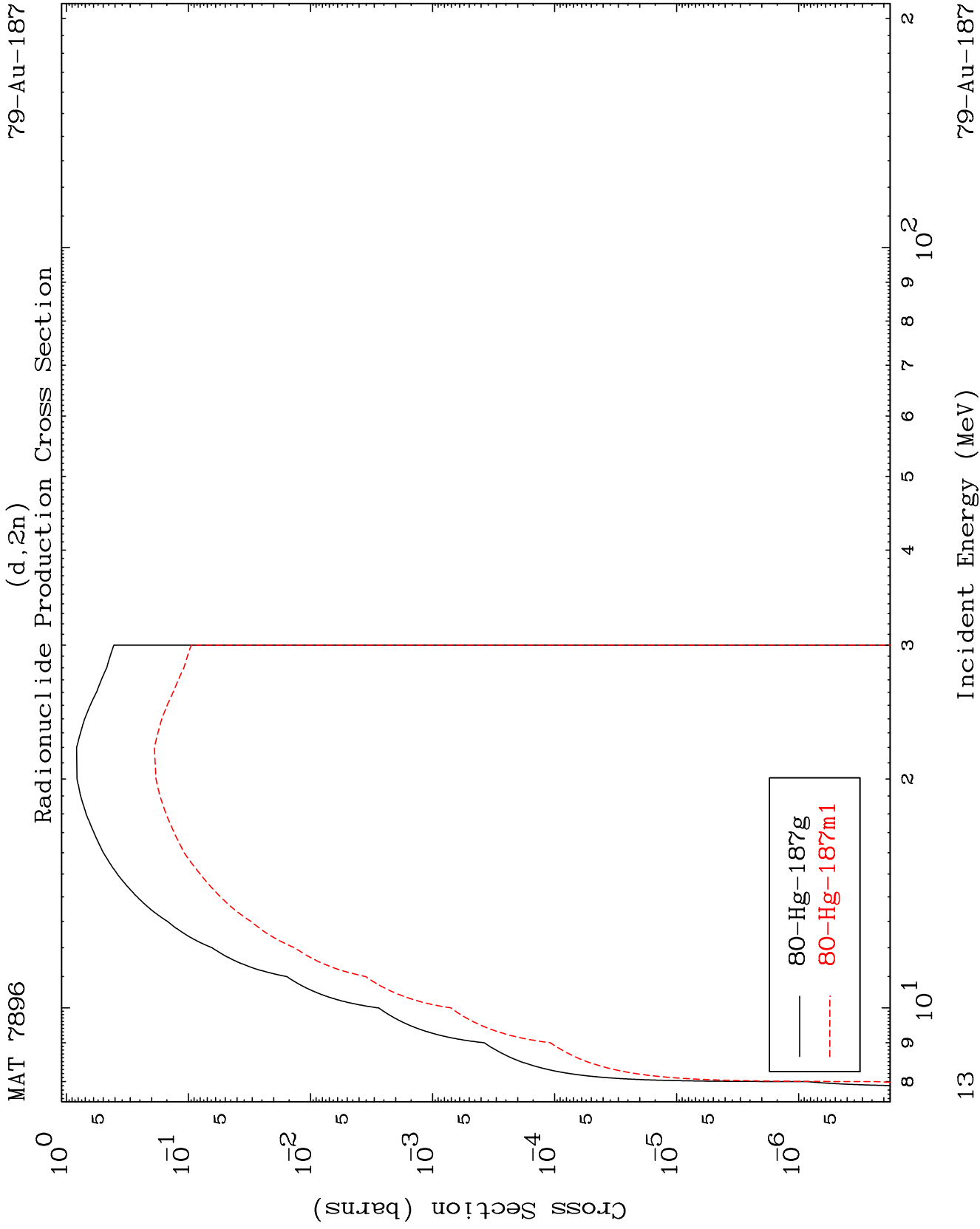
Radionuclide Production Cross Section



12

Incident Energy (MeV)

⁷⁹Au-¹⁸⁷

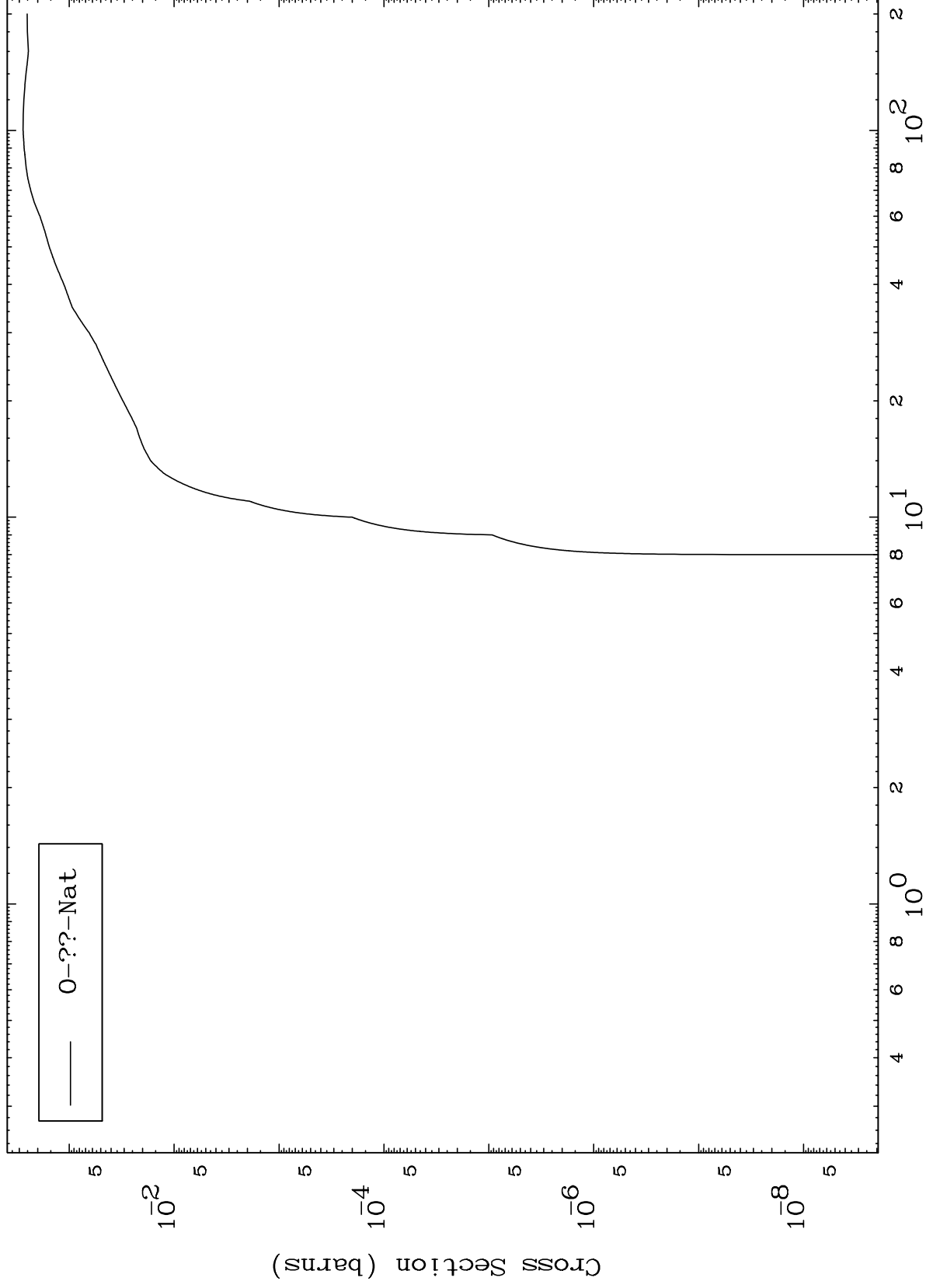


MAT 7896

Deuteron Fission

79-Au-187

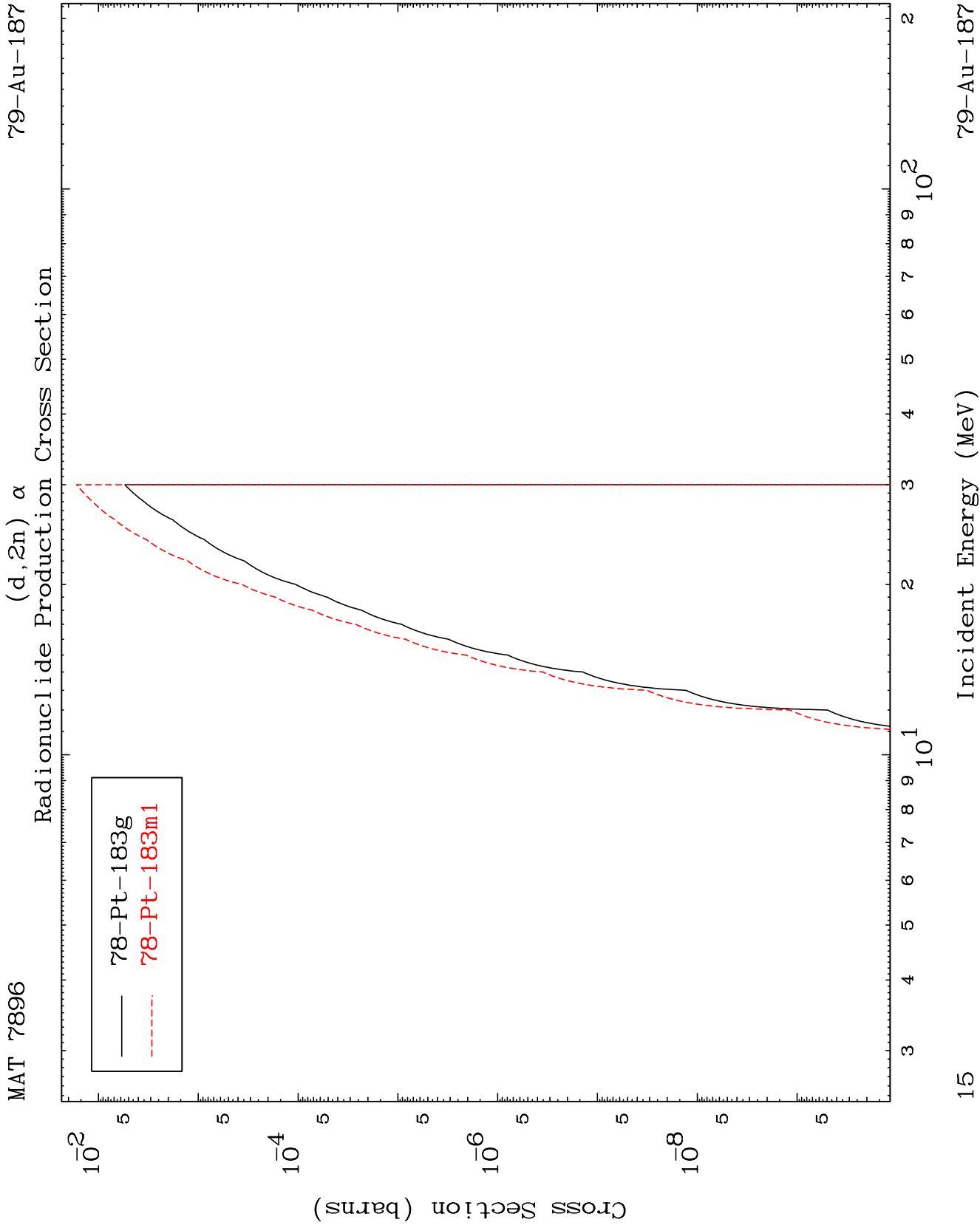
Radionuclide Production Cross Section



14

Incident Energy (MeV)

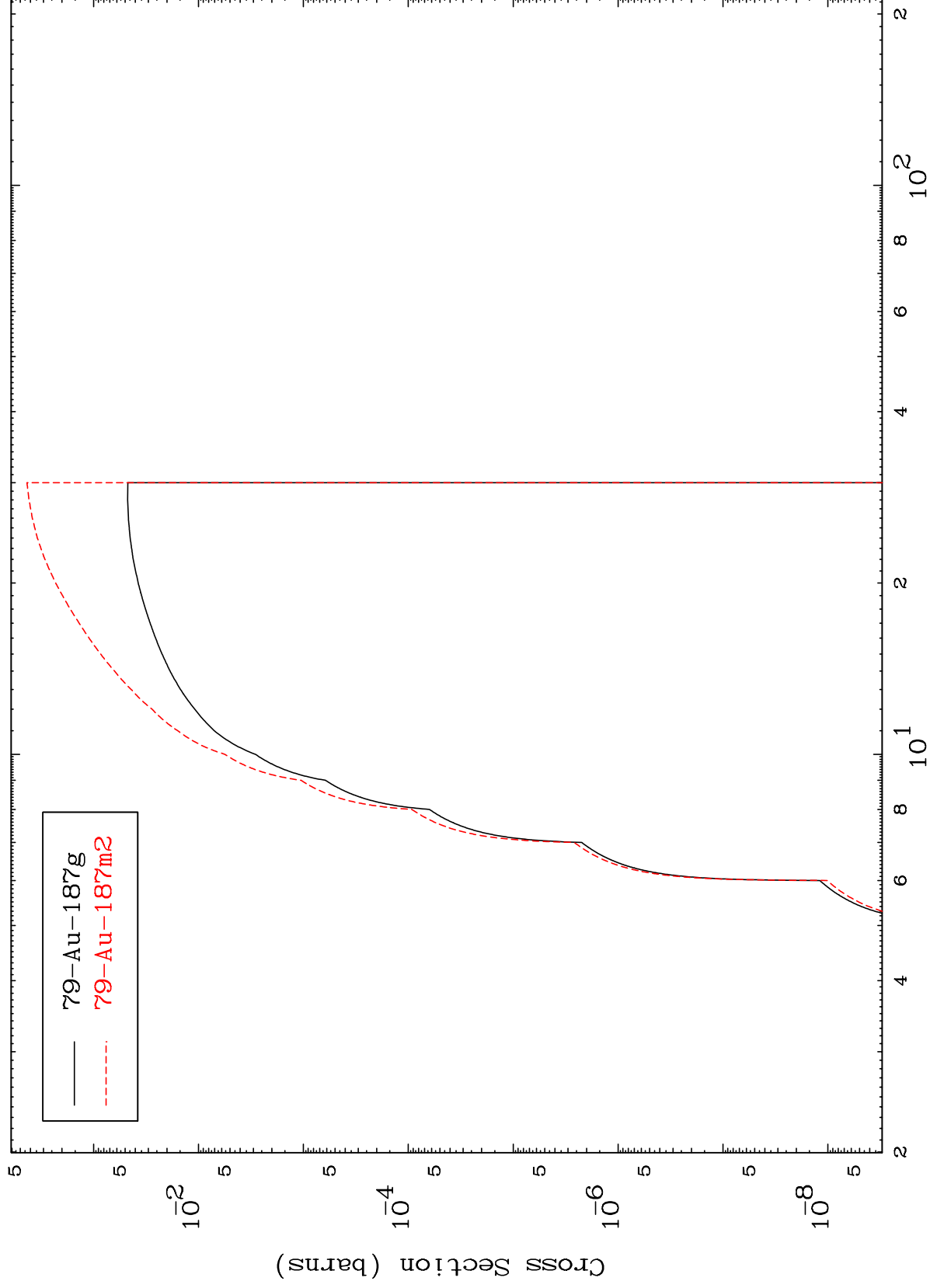
79-Au-187



MAT 7896

⁷⁹Au-187

Radionuclide Production Cross Section
(d,n') p



⁷⁹Au-187

Incident Energy (MeV)

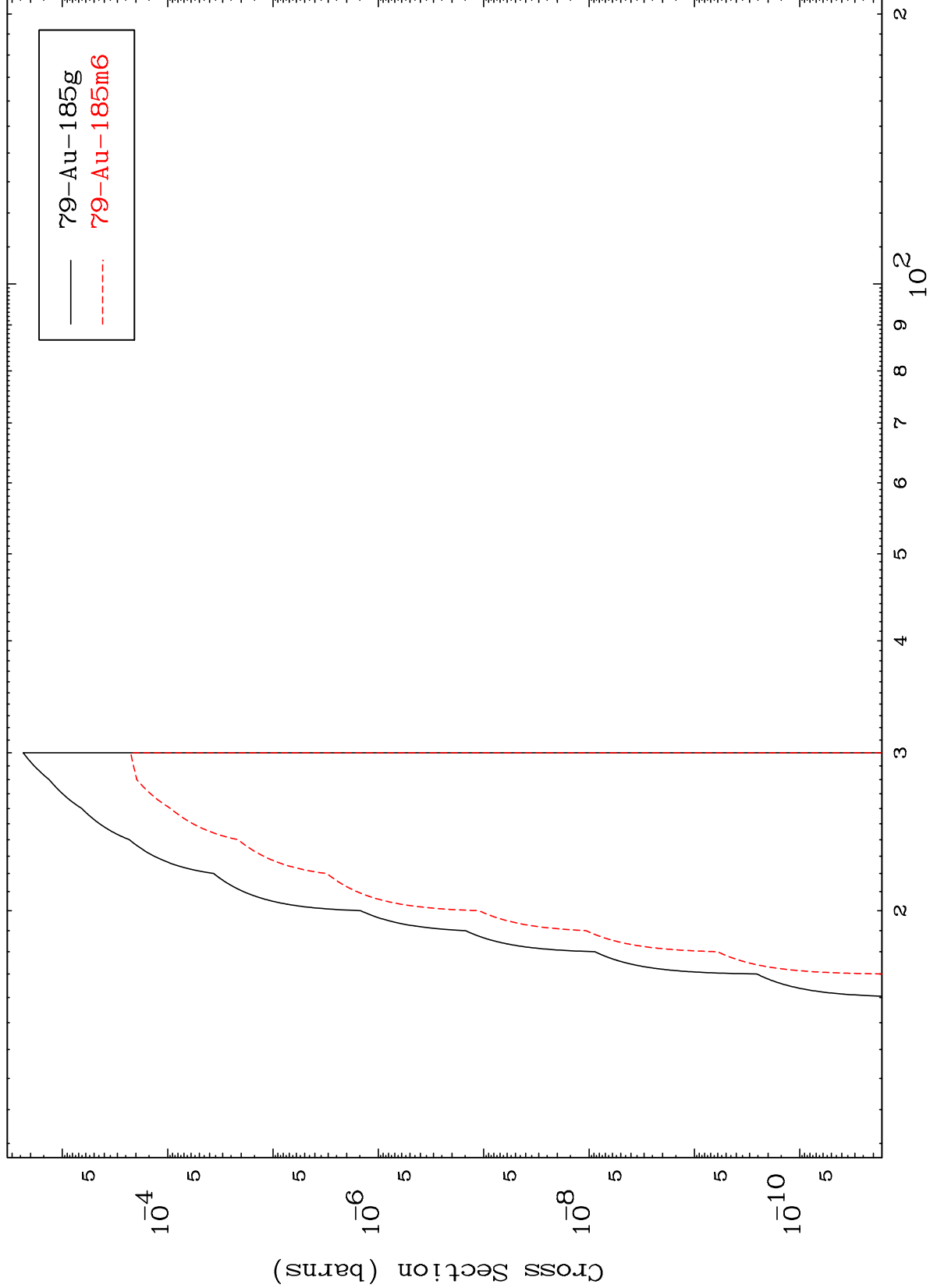
16

MAT 7896

⁷⁹Au-187

(d,n') t

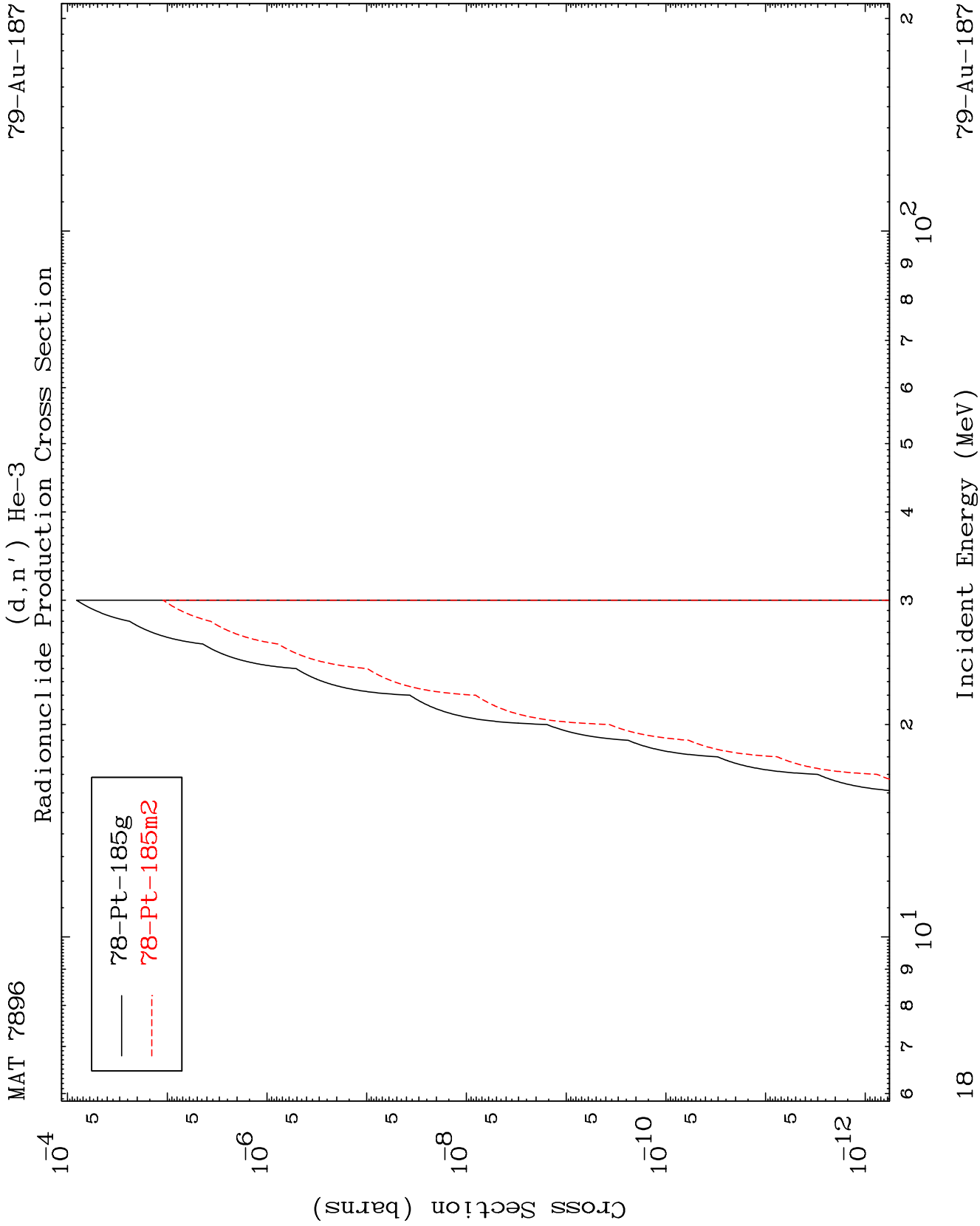
Radionuclide Production Cross Section

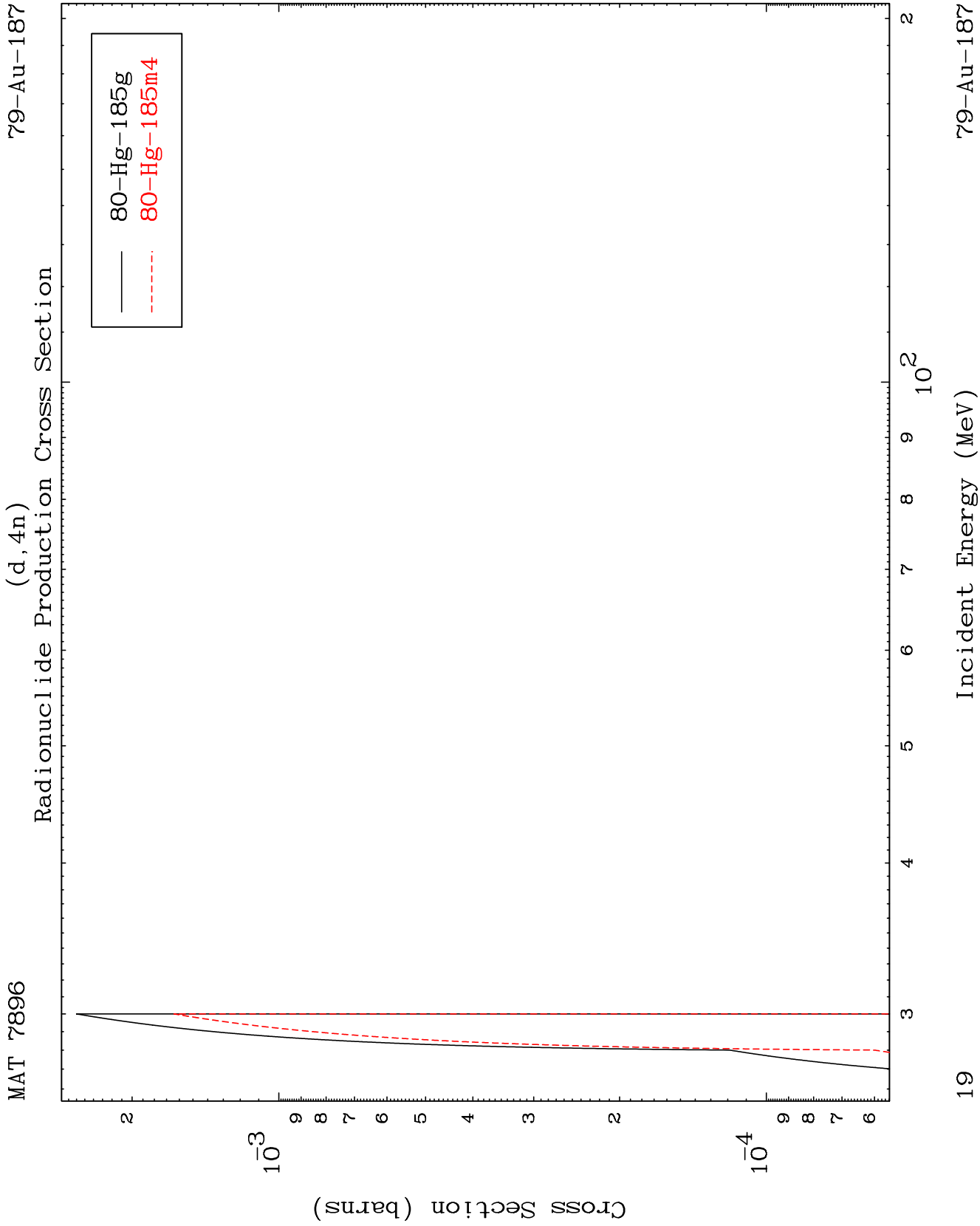


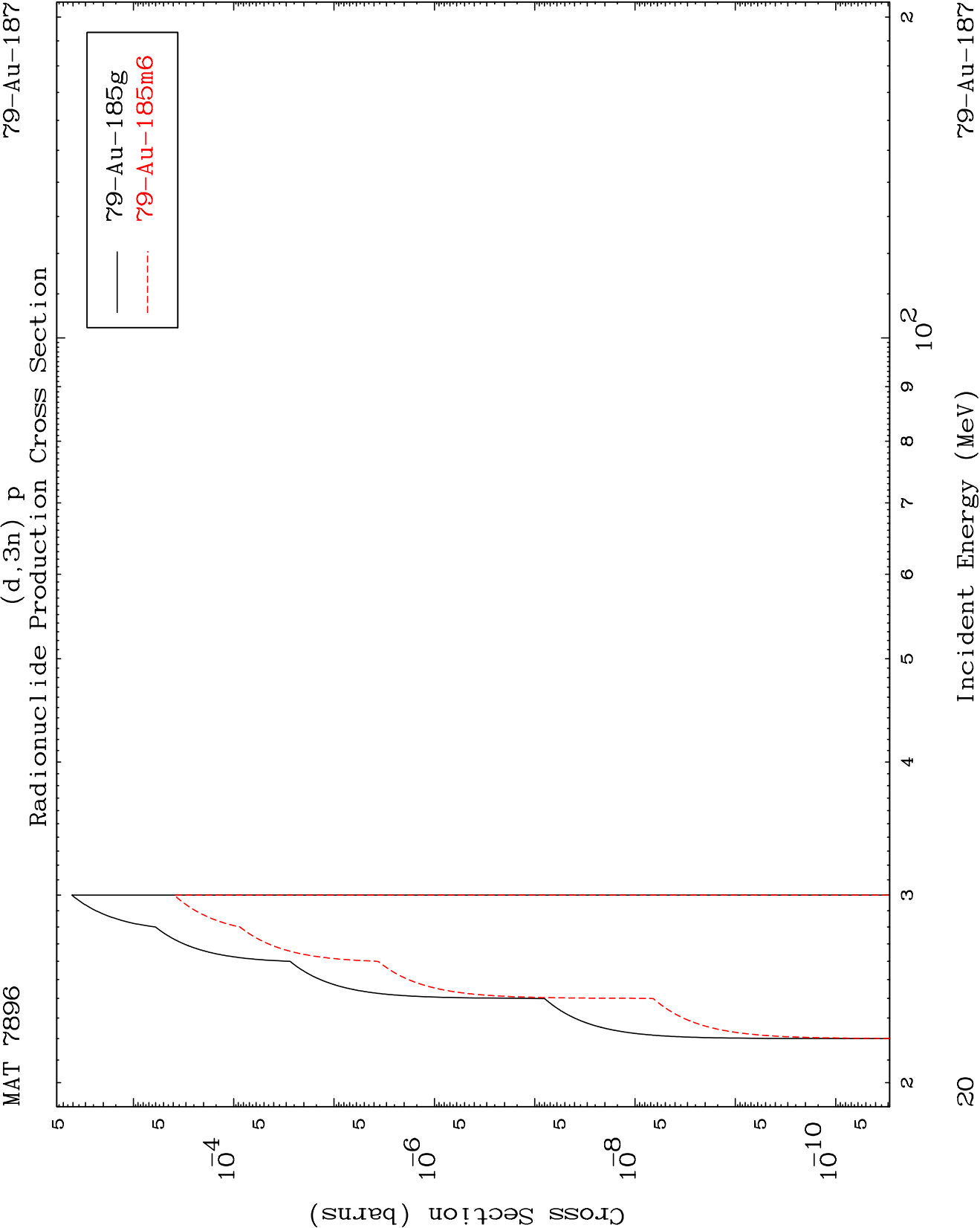
17

Incident Energy (MeV)

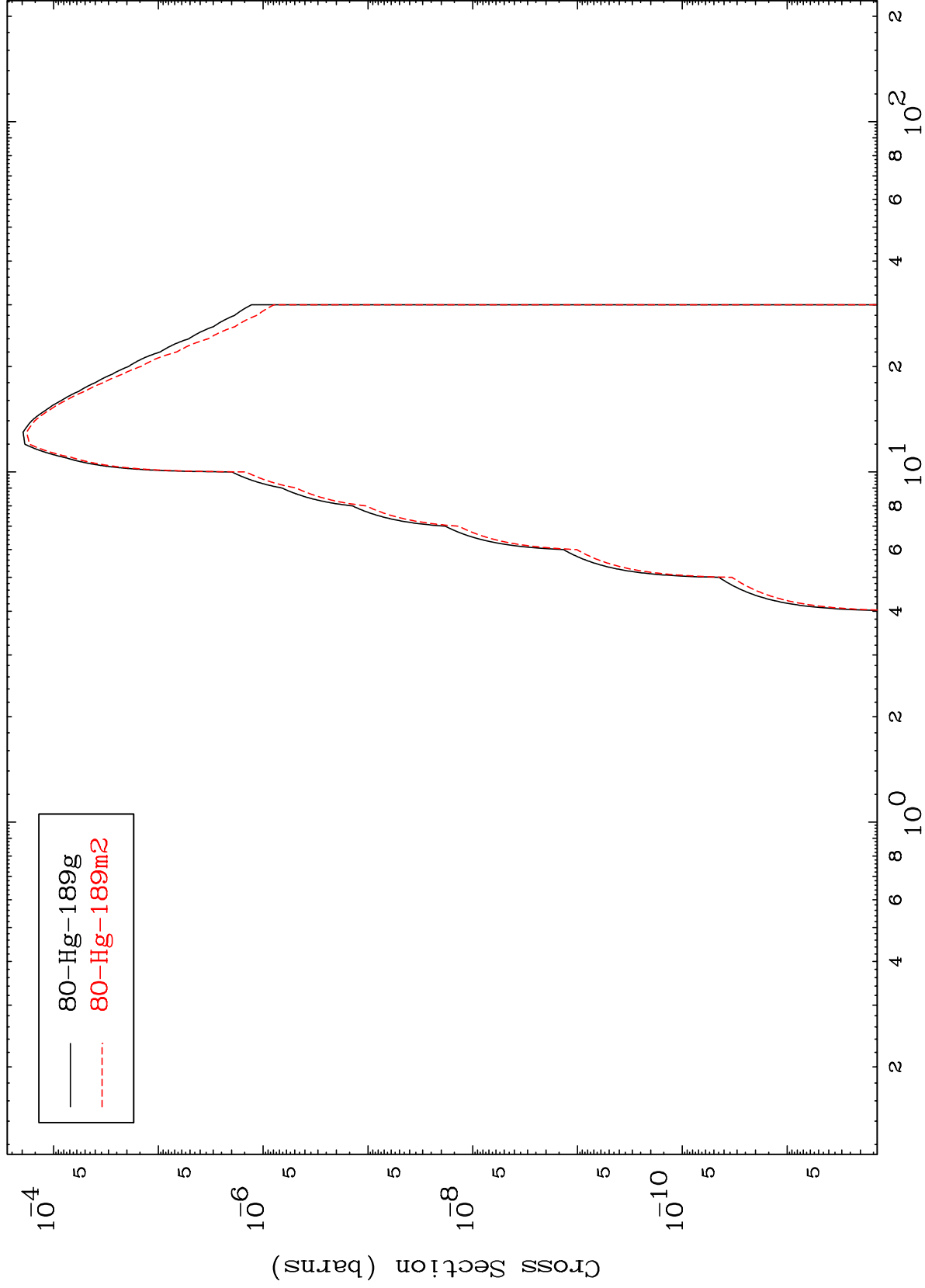
⁷⁹Au-187



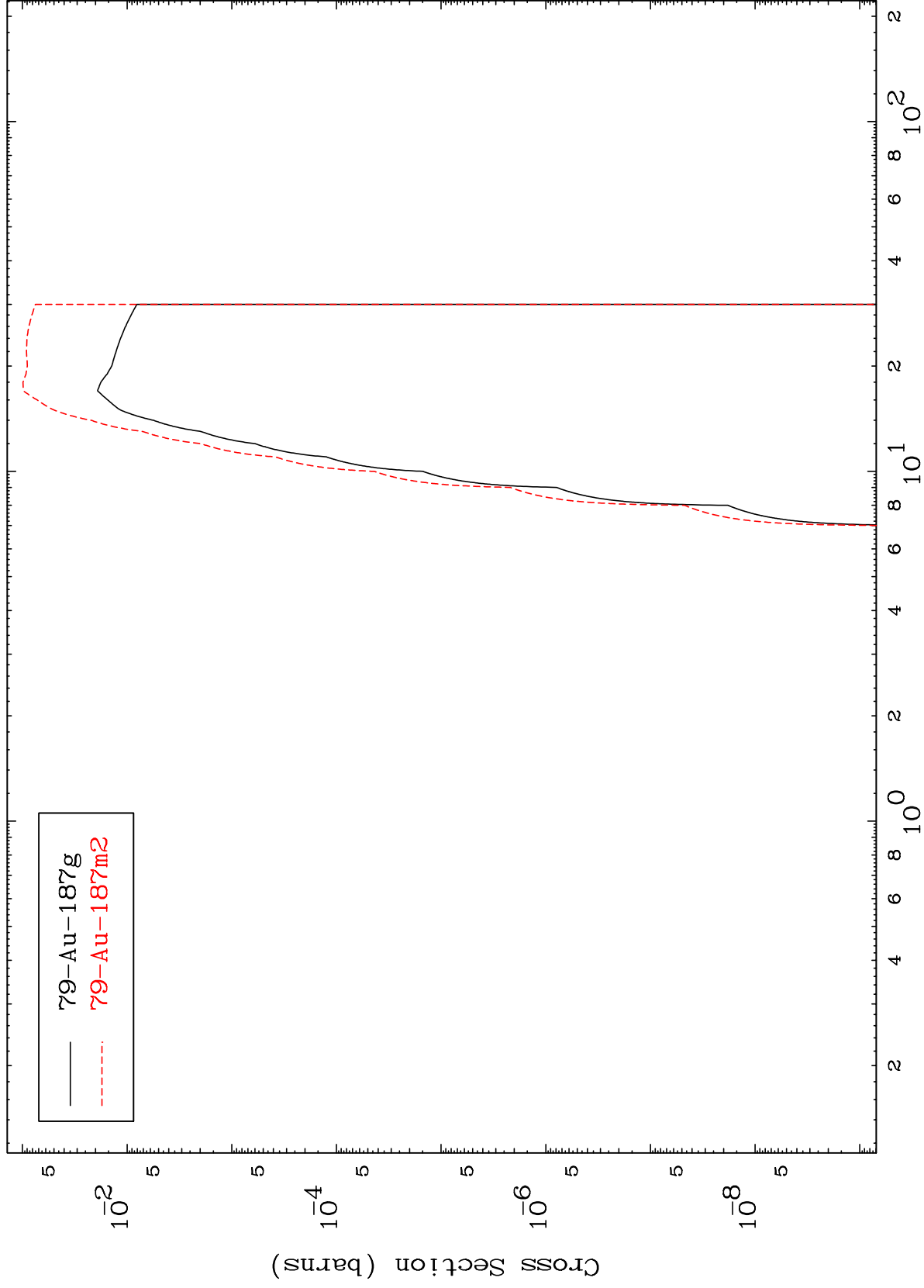




Radionuclide Production Cross Section
(d, γ)



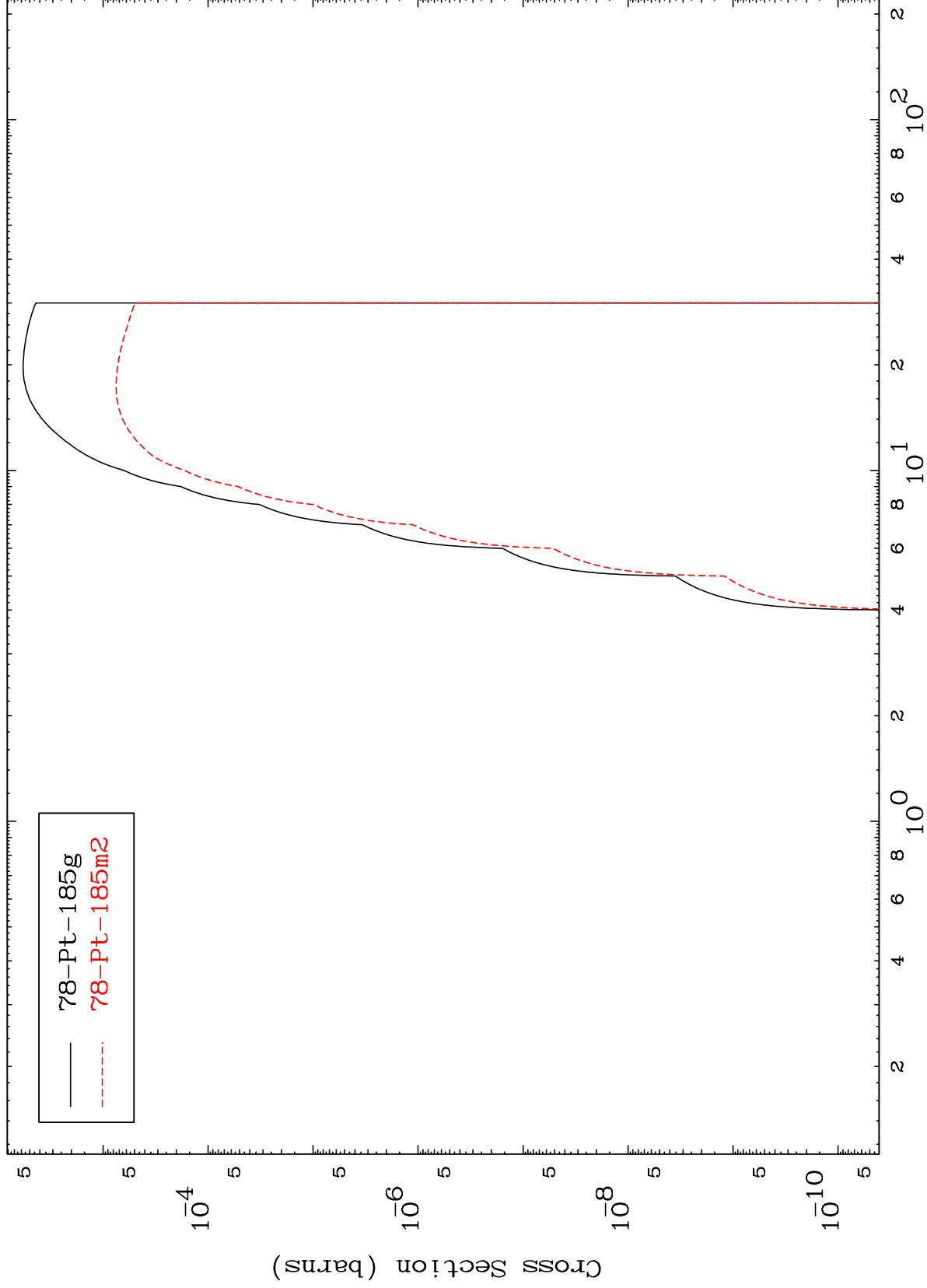
Radionuclide Production Cross Section
(d,d)



MAT 7896

79-Au-187

Radionuclide Production Cross Section
(d, α)



23

Incident Energy (MeV)

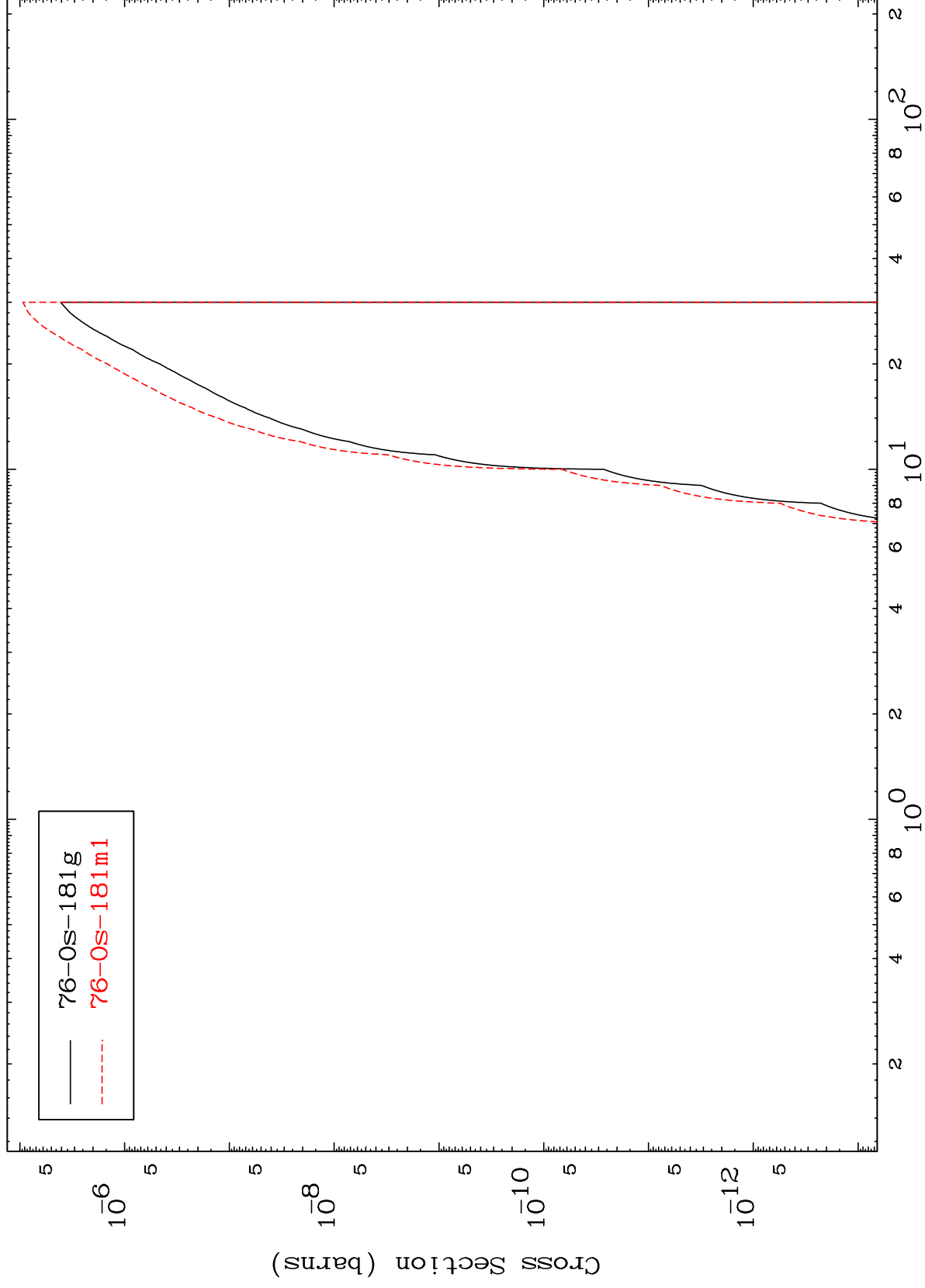
79-Au-187

MAT 7896

(d,2 α)

⁷⁹Au-¹⁸⁷

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁹Au-¹⁸⁷

(d,p) t
Radionuclide Production Cross Section