

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

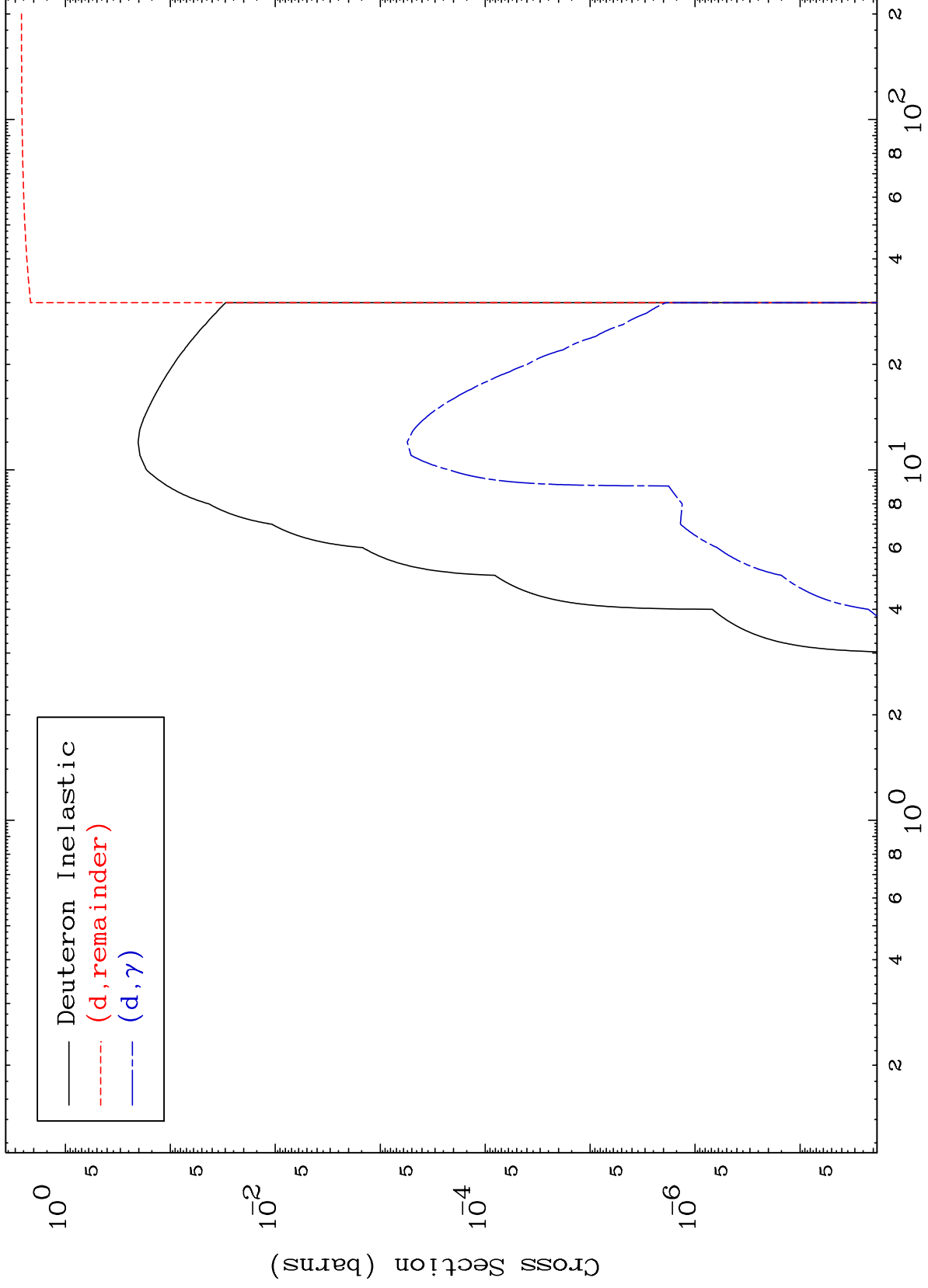
Web: redcullen1.net/HOMEPAGE.NEW

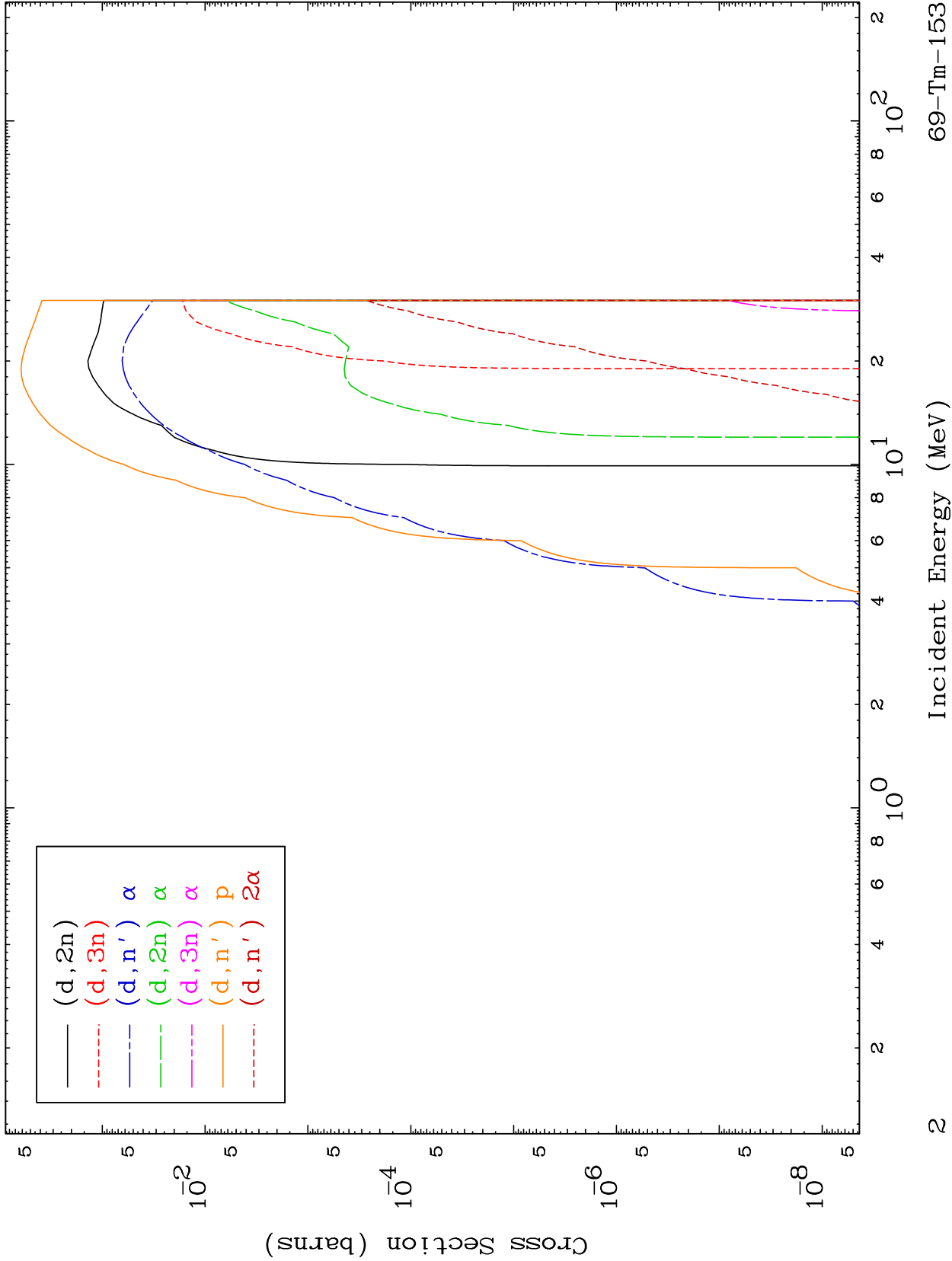
Press Mouse Button to Start

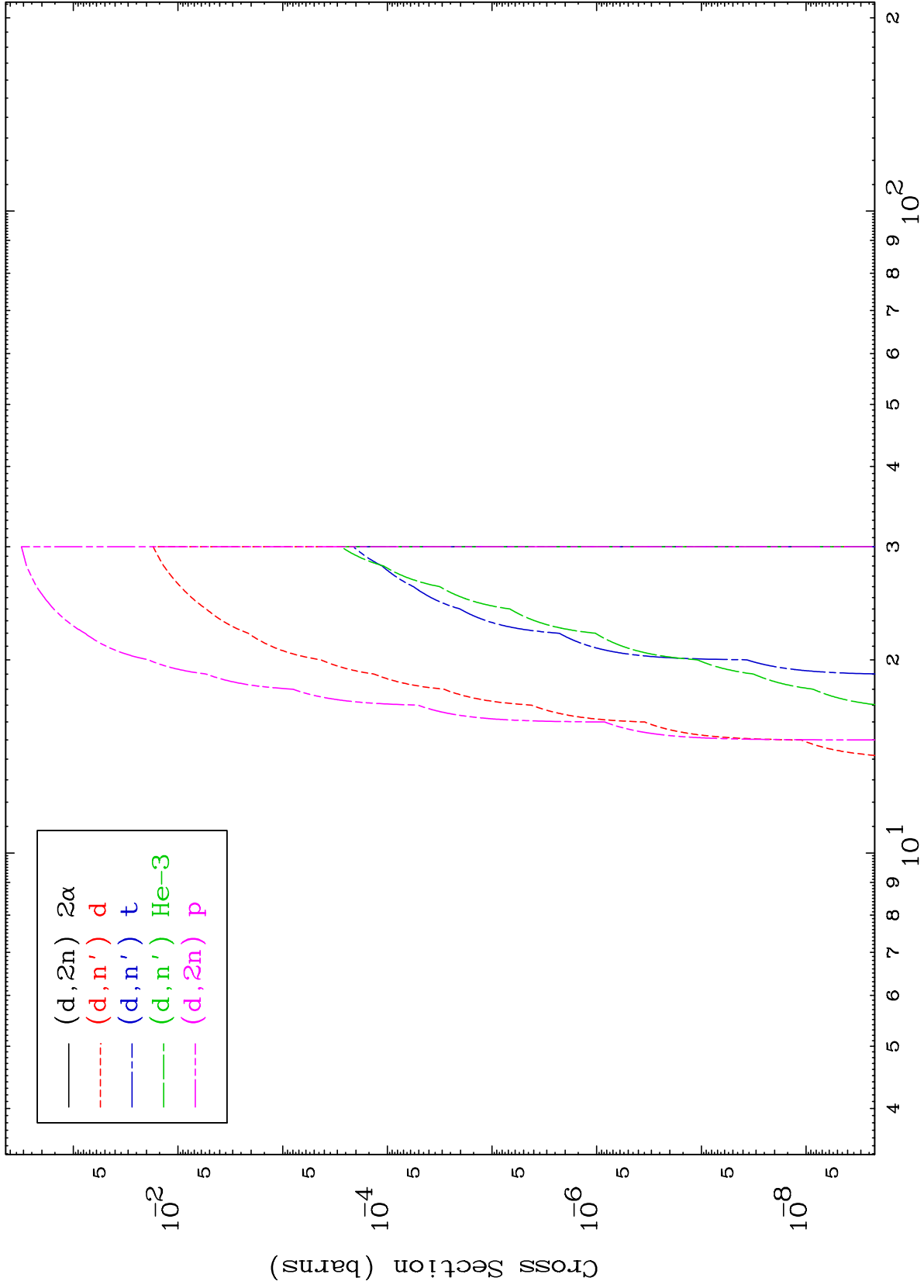
MAT 6878

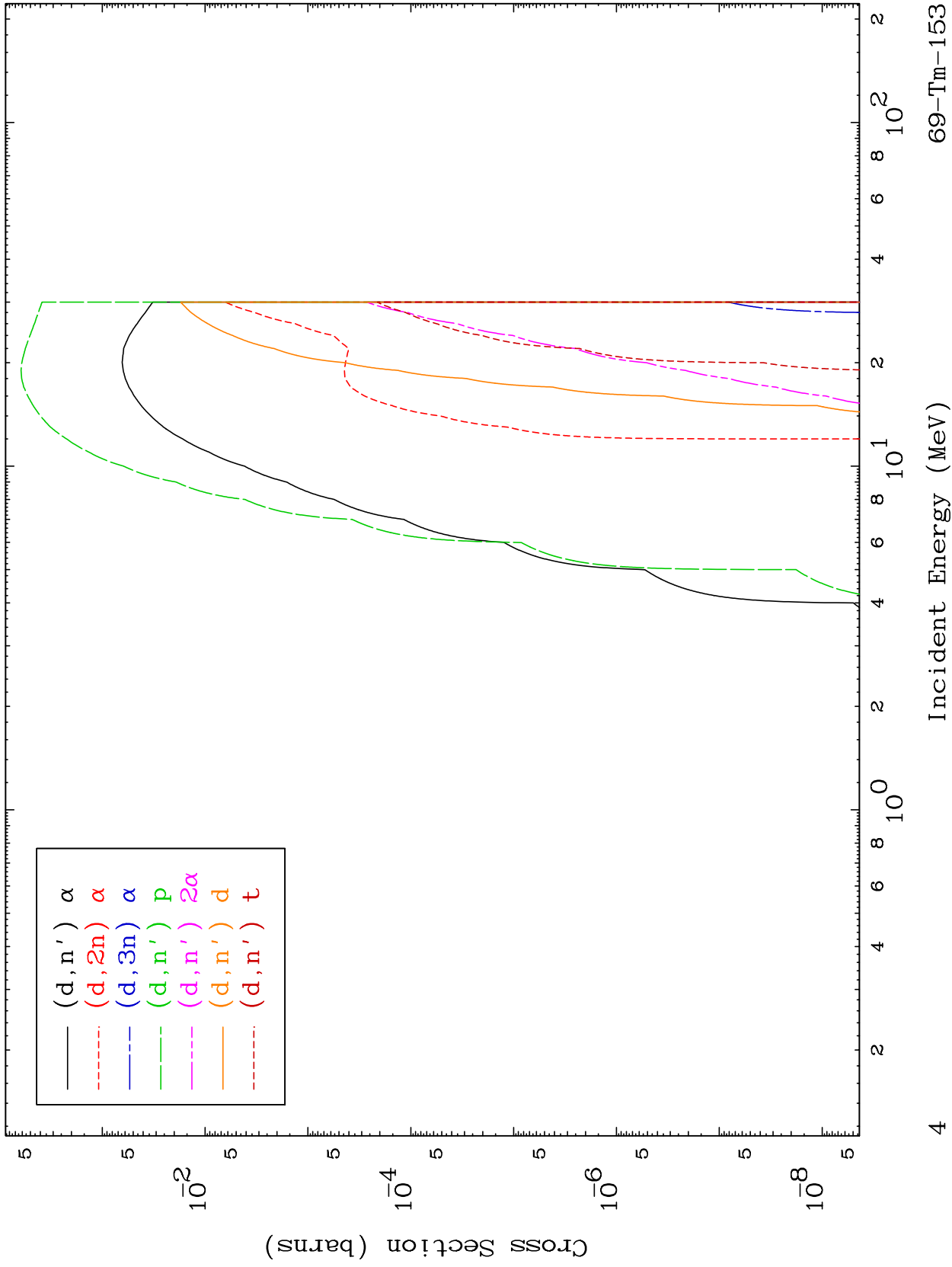
Deuteron Major
0 Kelvin Cross Sections

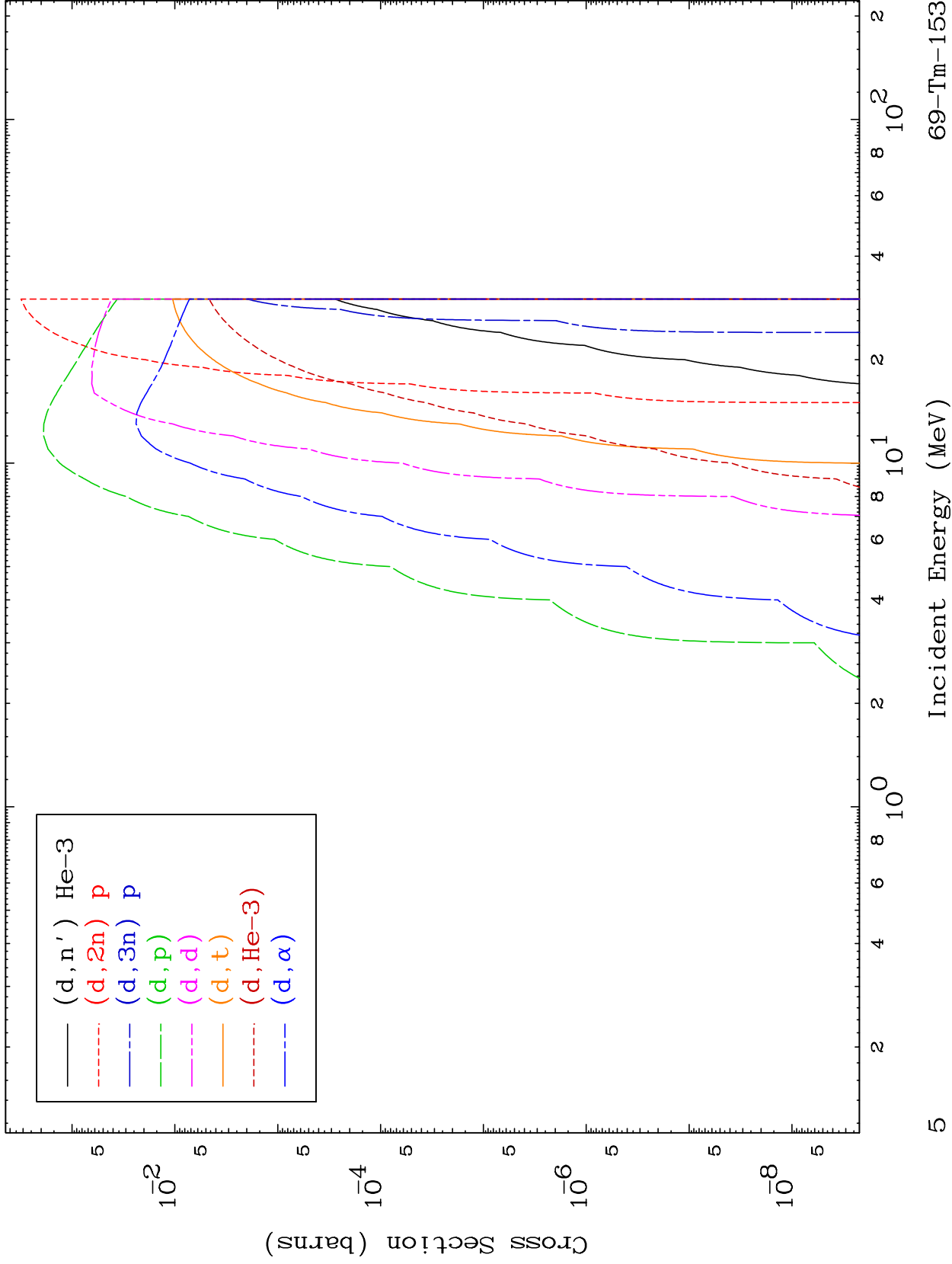
69-Tm-153

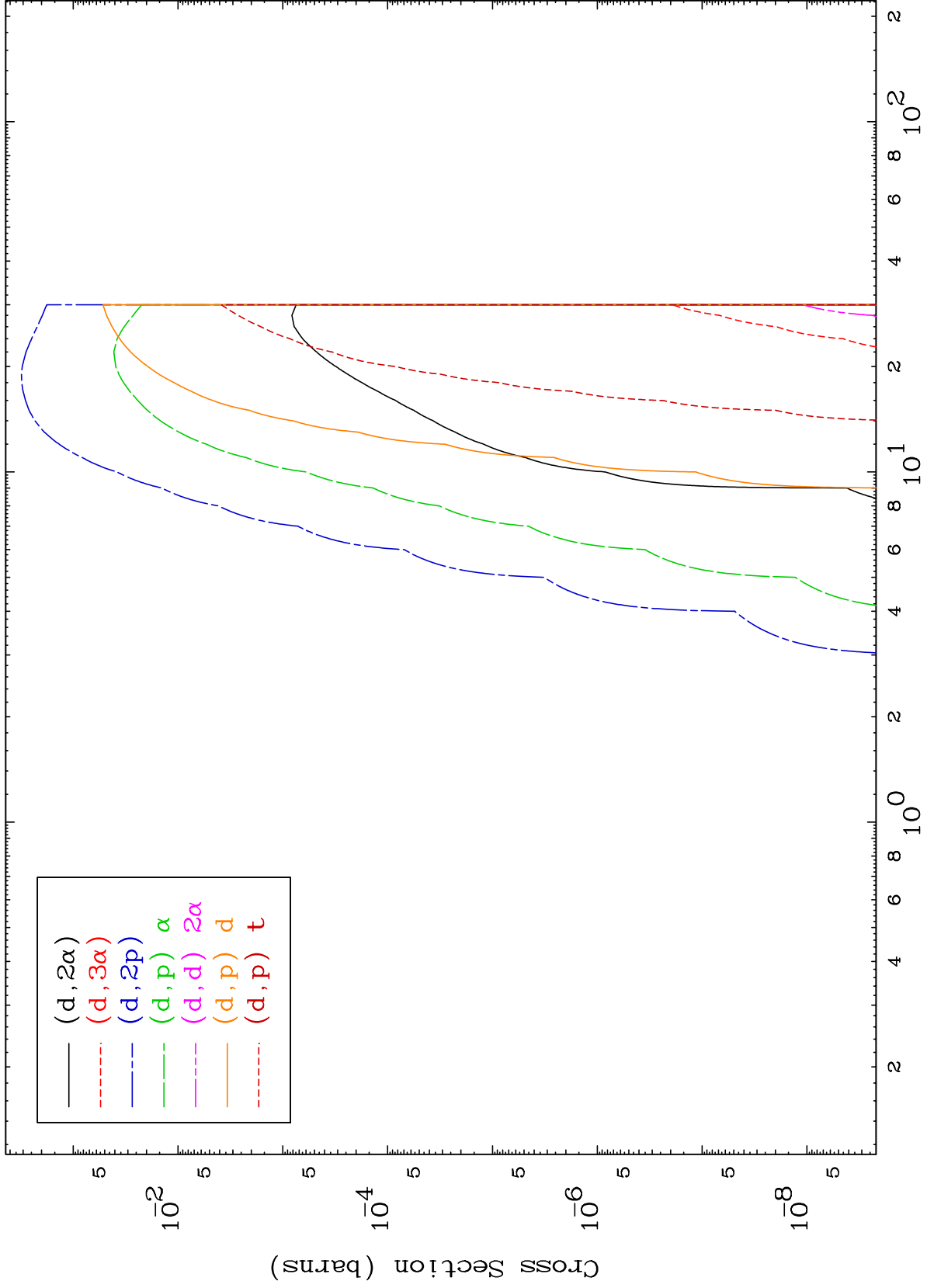










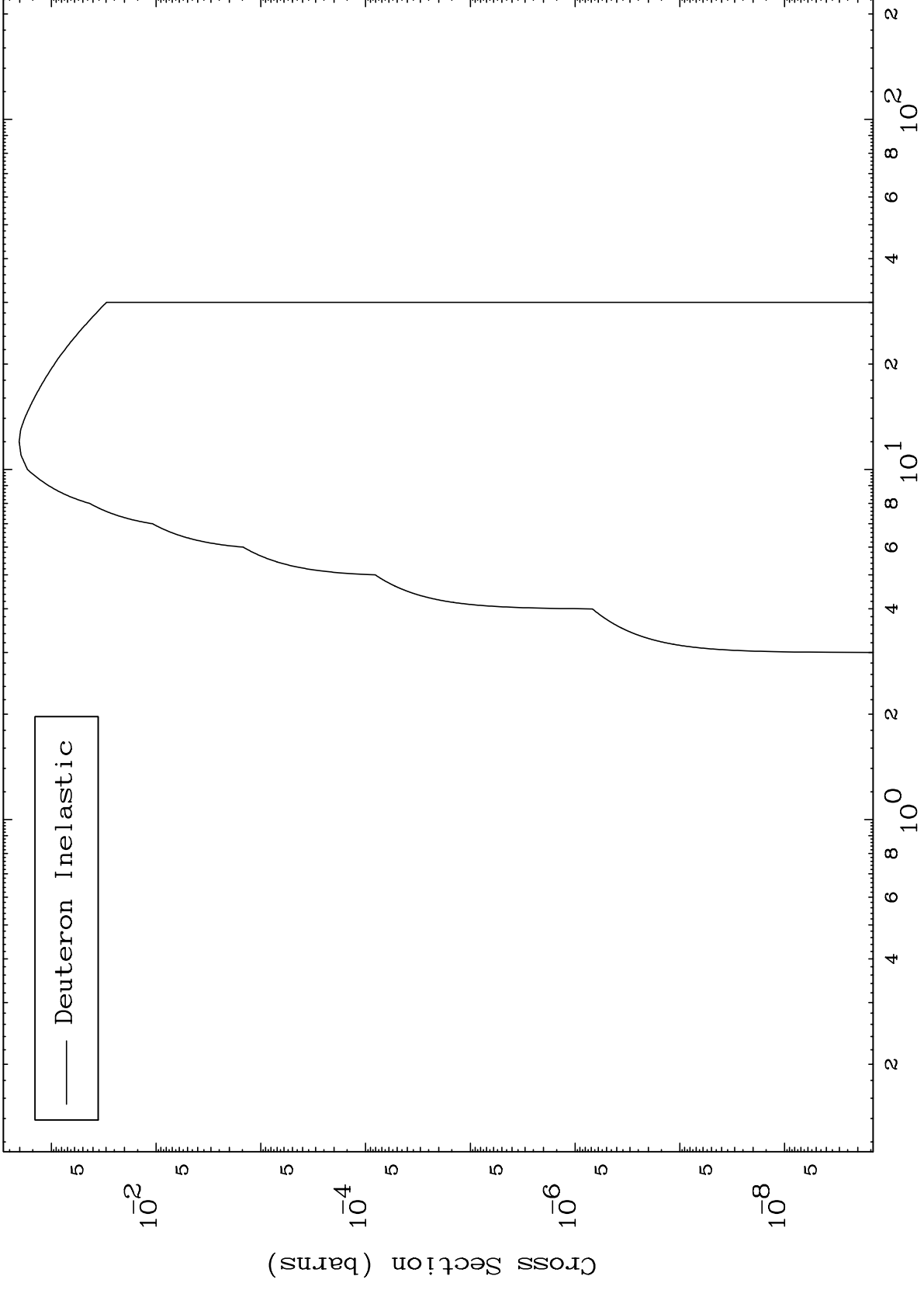


MAT 6878

(d,n') Level

69-Tm-153

0 Kelvin Cross Sections

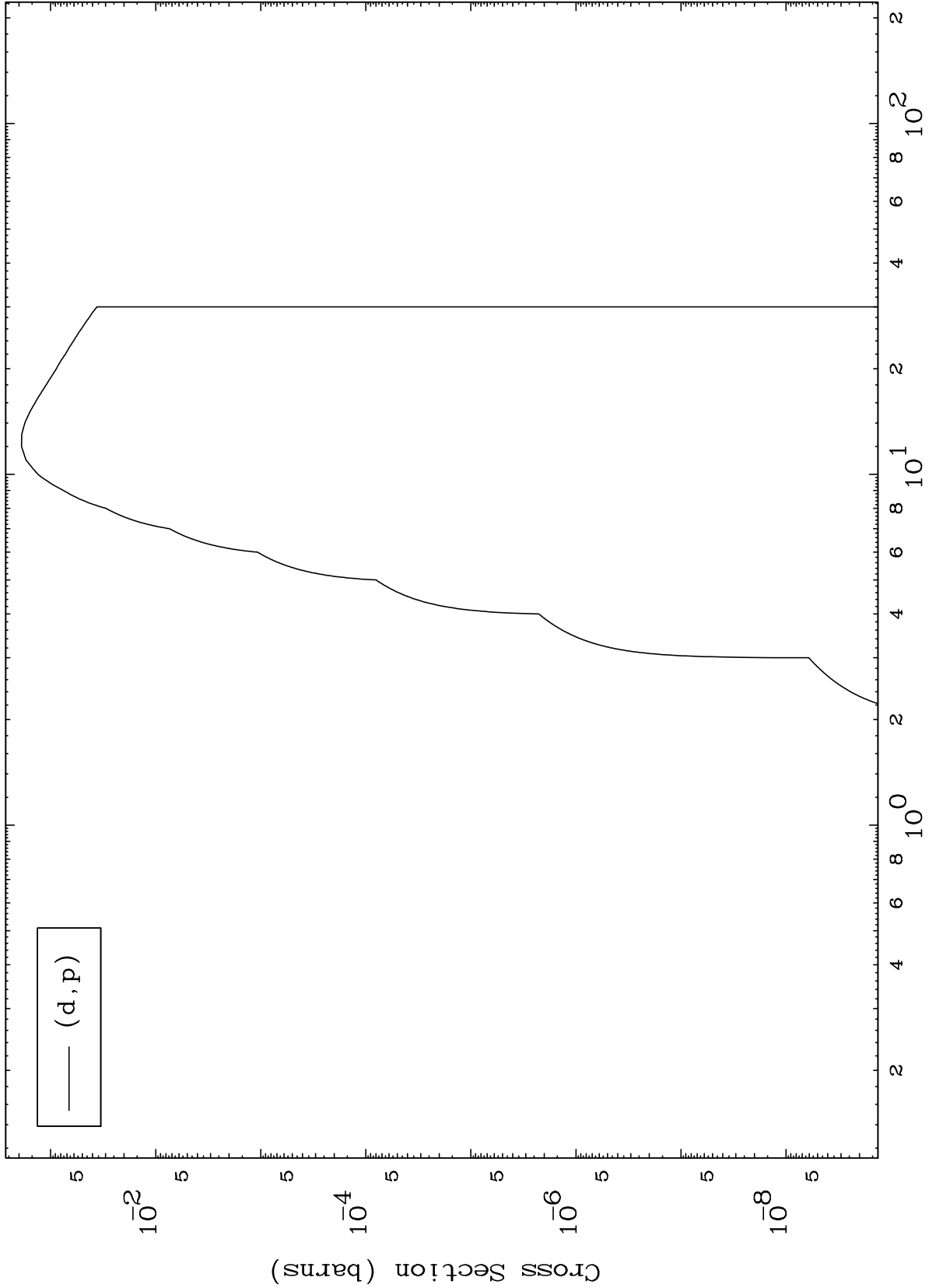


MAT 6878

(d,p) Levels

69-Tm-153

0 Kelvin Cross Sections

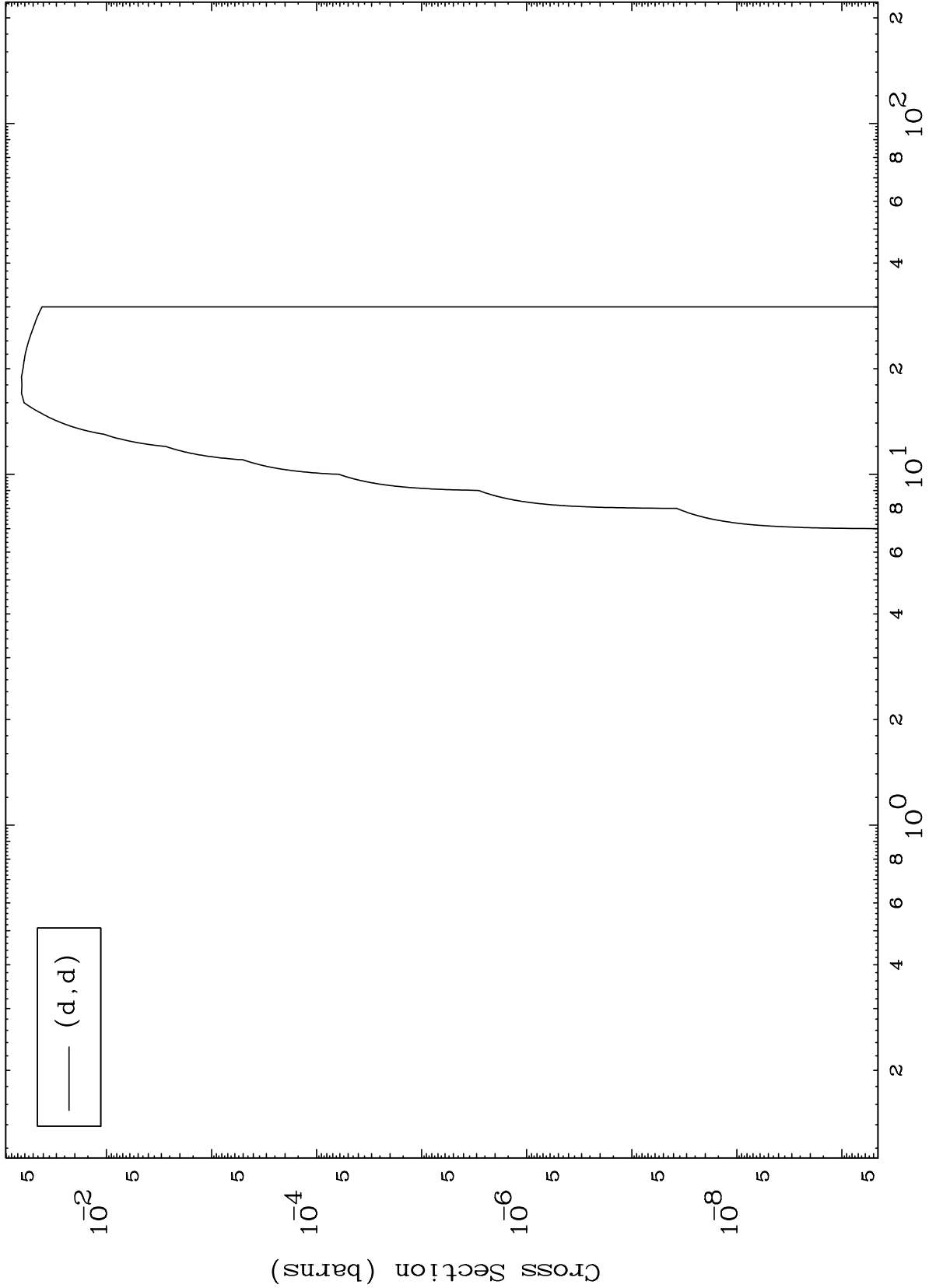


MAT 6878

(d,d) Levels

69-Tm-153

0 Kelvin Cross Sections

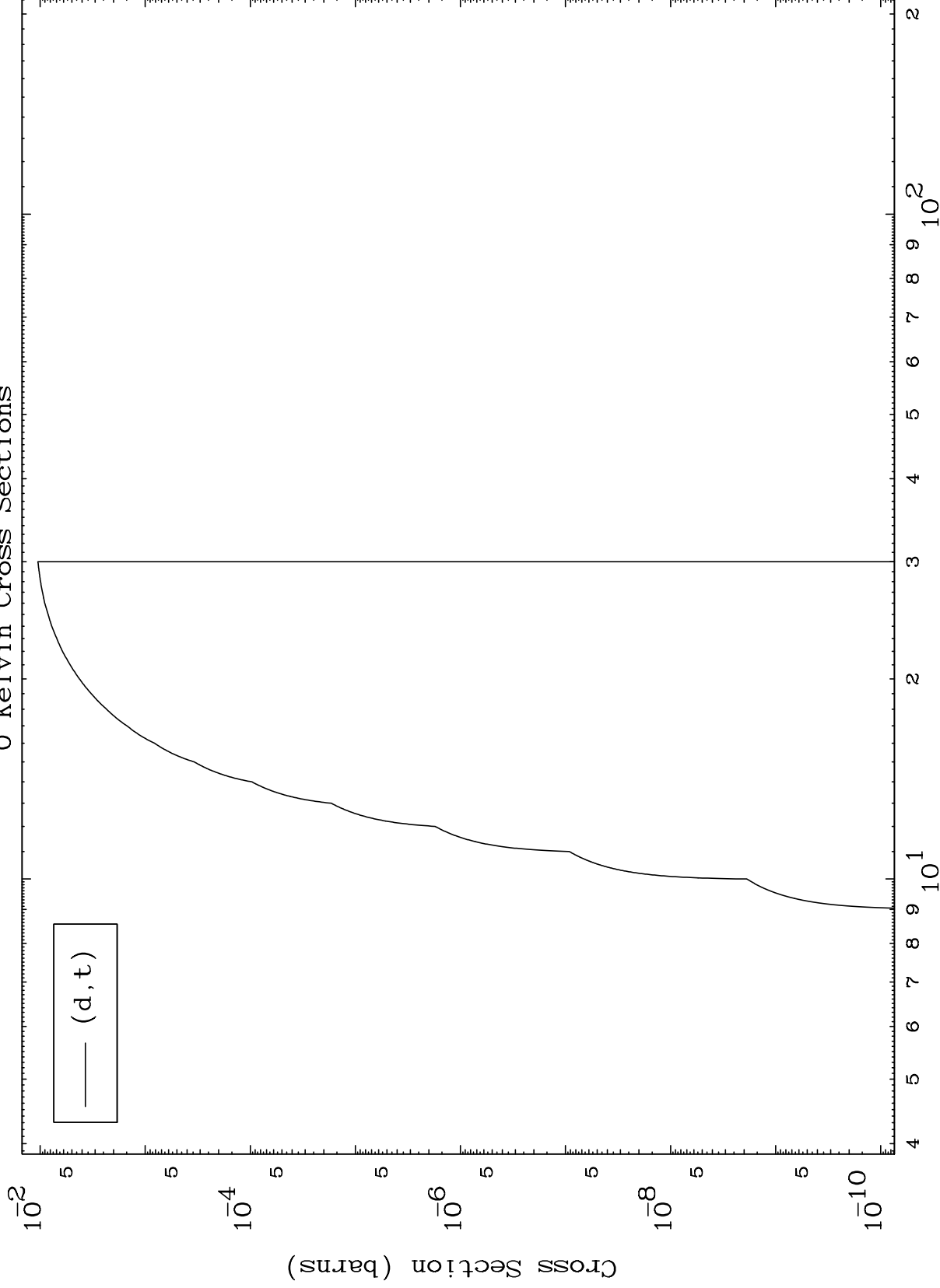


MAT 6878

(d,t) Levels

69-Tm-153

0 Kelvin Cross Sections



10

Incident Energy (MeV)

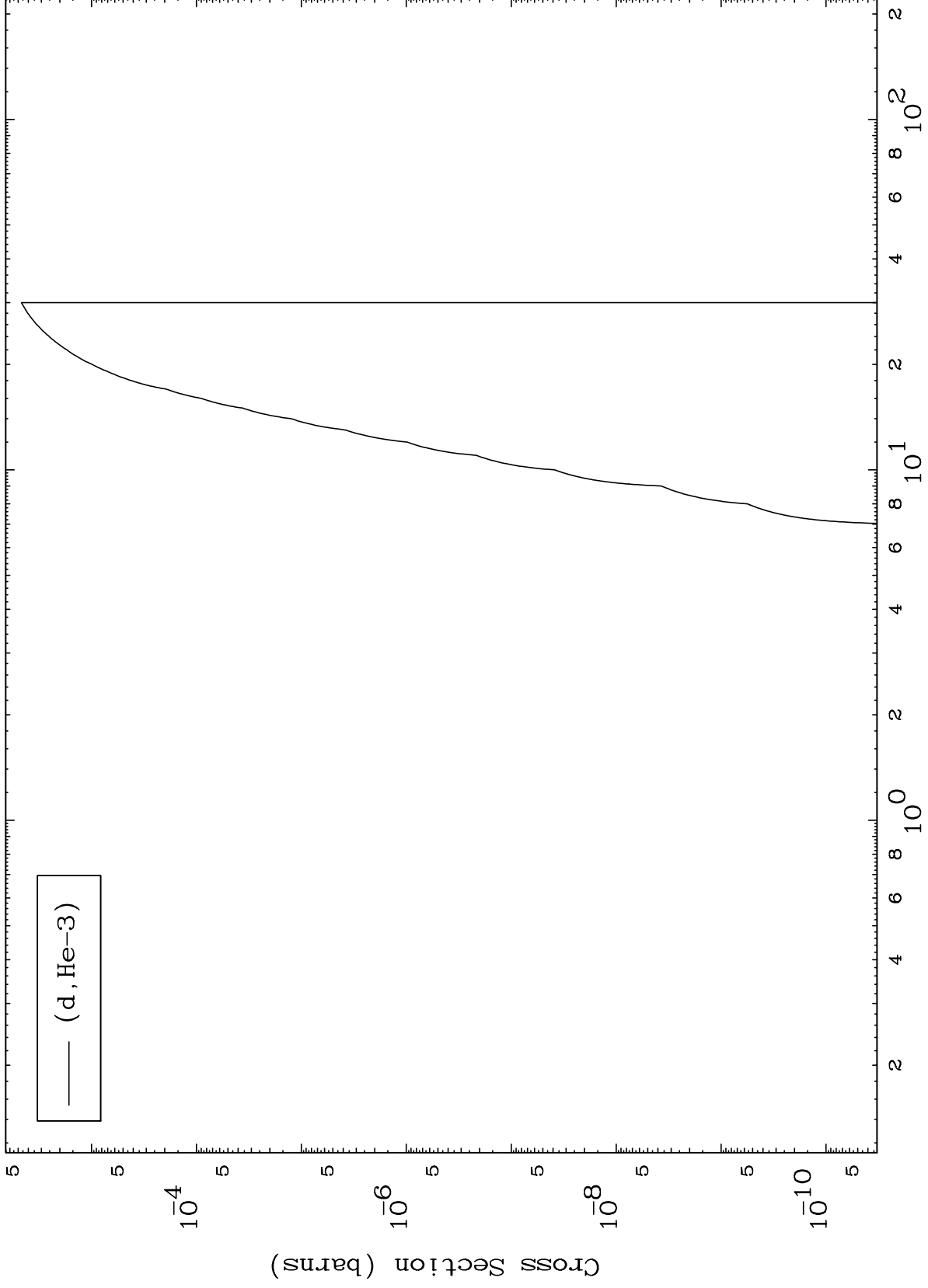
69-Tm-153

MAT 6878

(d,He3) Levels

69-Tm-153

0 Kelvin Cross Sections

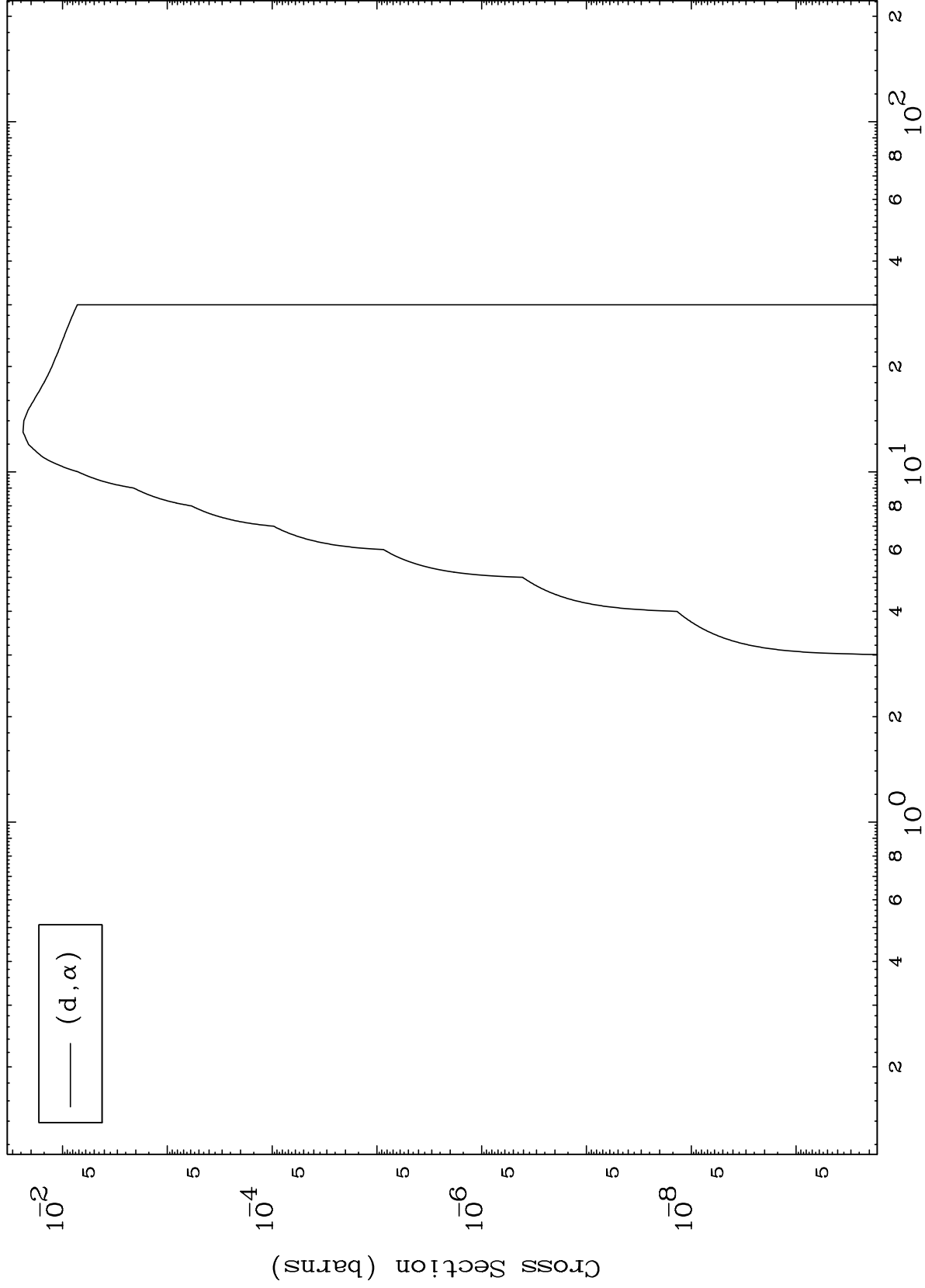


MAT 6878

(d, α) Levels

69-Tm-153

0 Kelvin Cross Sections



12

Incident Energy (MeV)

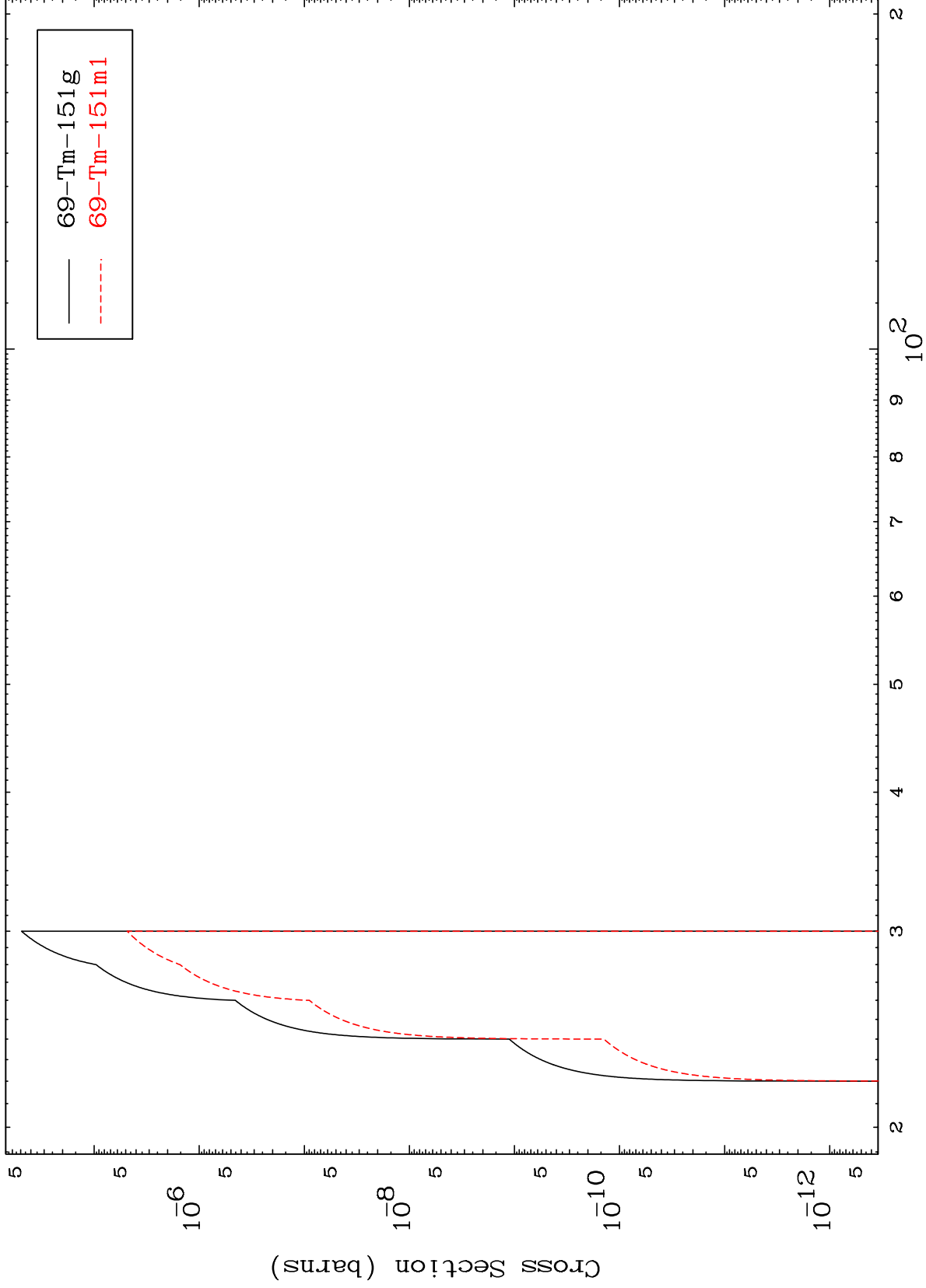
69-Tm-153

MAT 6878

(d,2n) d

69-Tm-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

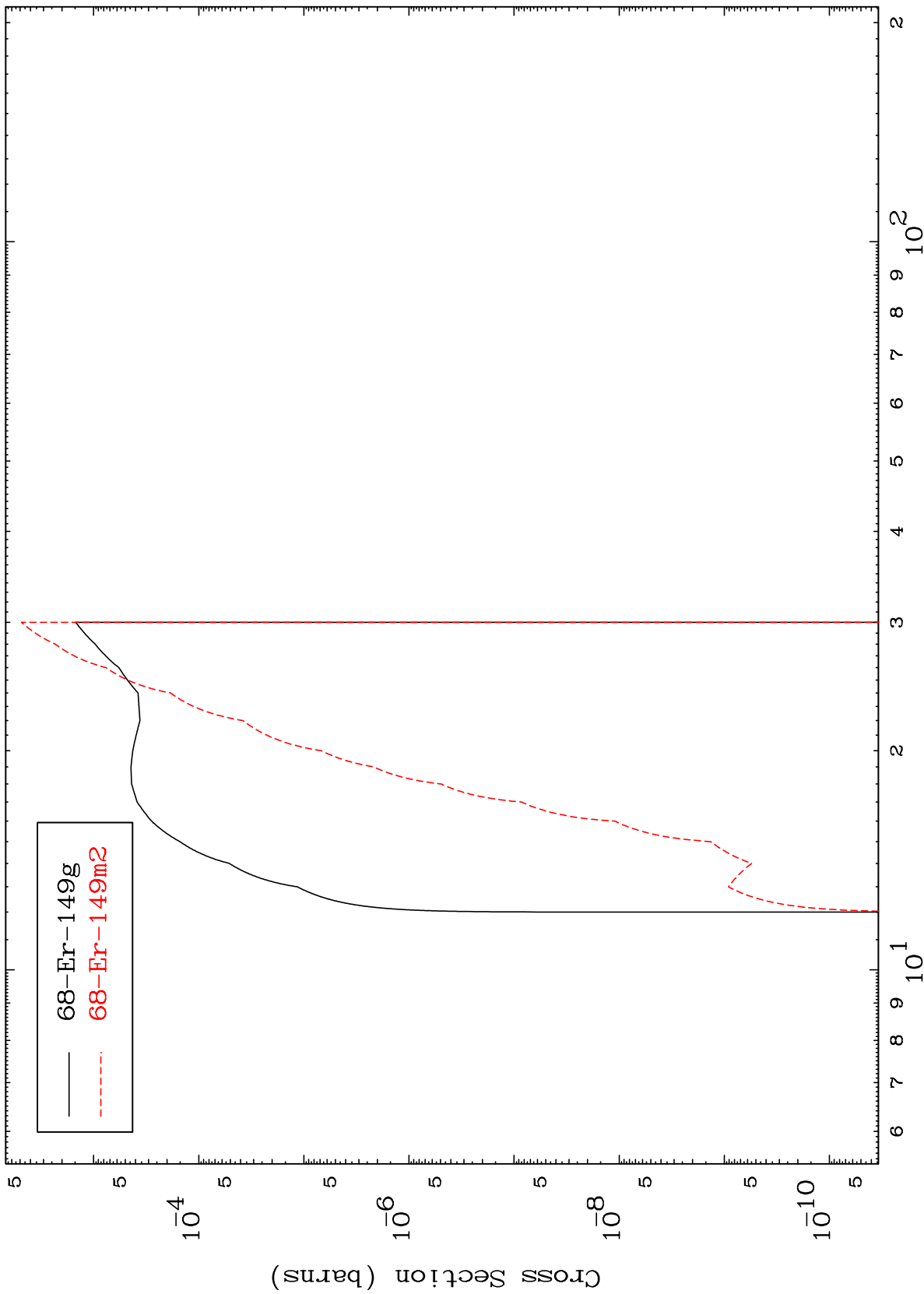
69-Tm-153

MAT 6878

(d,2n) α

69-Tm-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

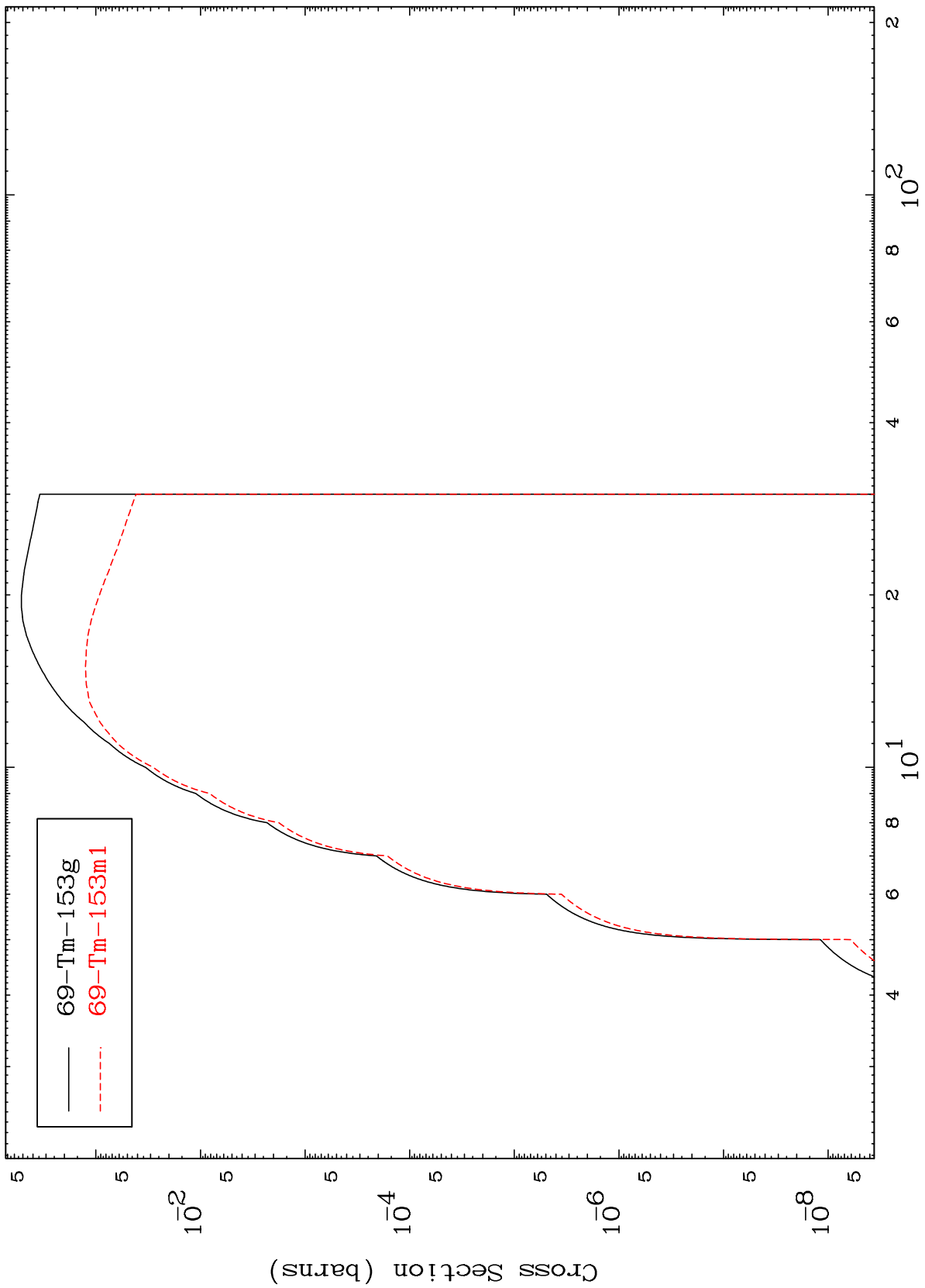
69-Tm-153

MAT 6878

(d,n') p

69-Tm-153

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

Incident Energy (MeV)

69-Tm-153

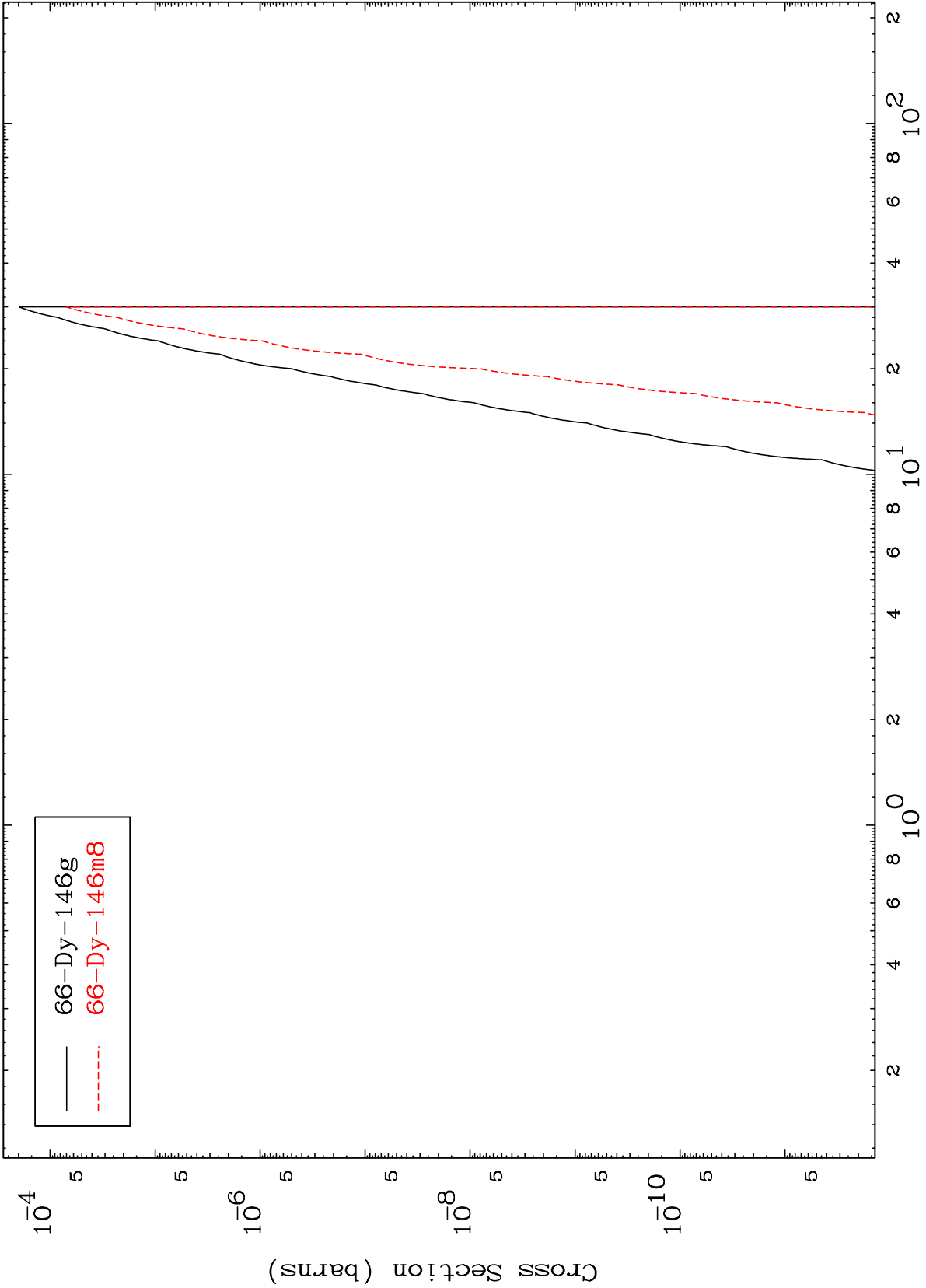
15

MAT 6878

(d,n') 2α

69-Tm-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

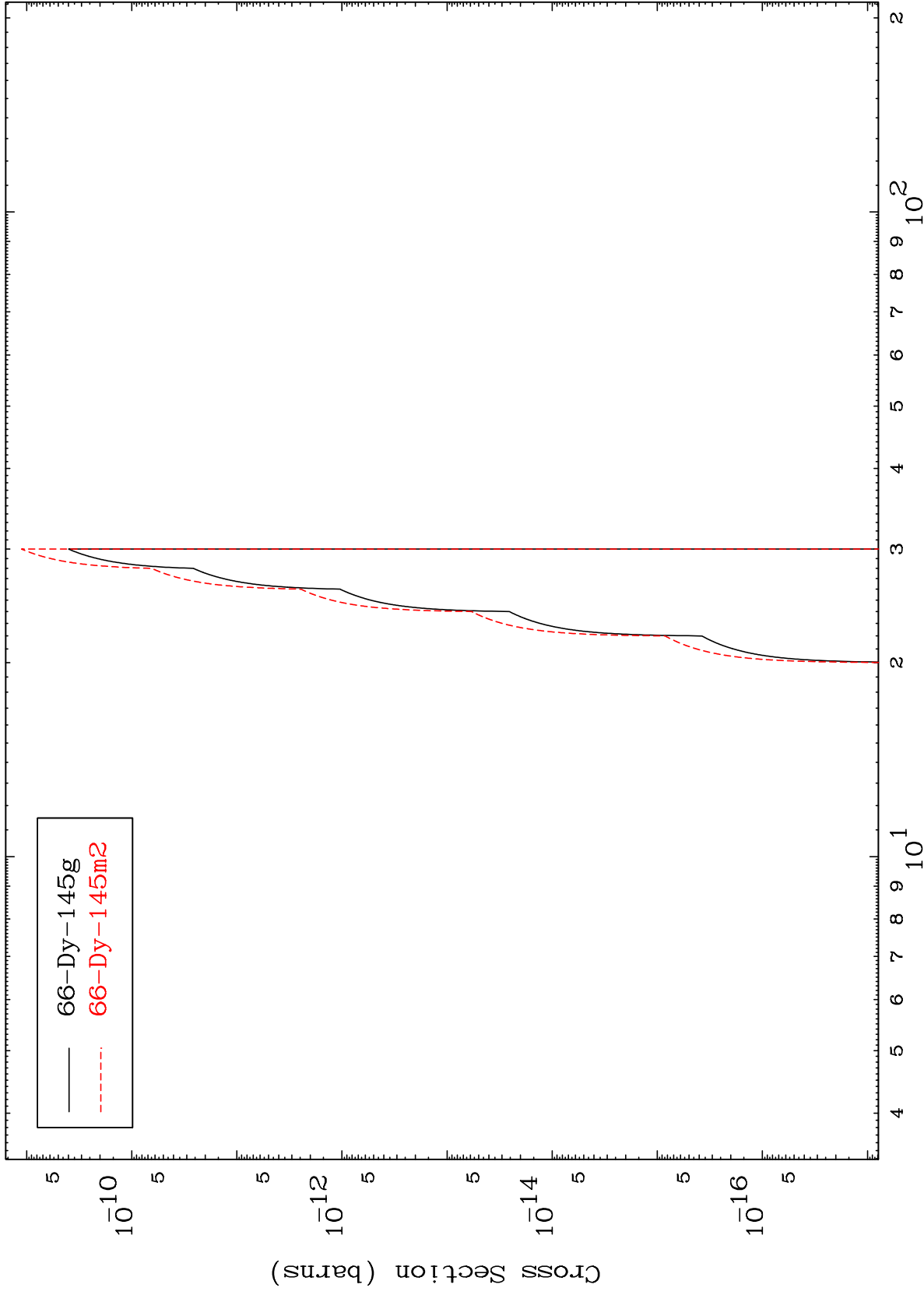
69-Tm-153

MAT 6878

$^{69}\text{Tm-153}$

$(d,2n) 2\alpha$

Radionuclide Production Cross Section



17

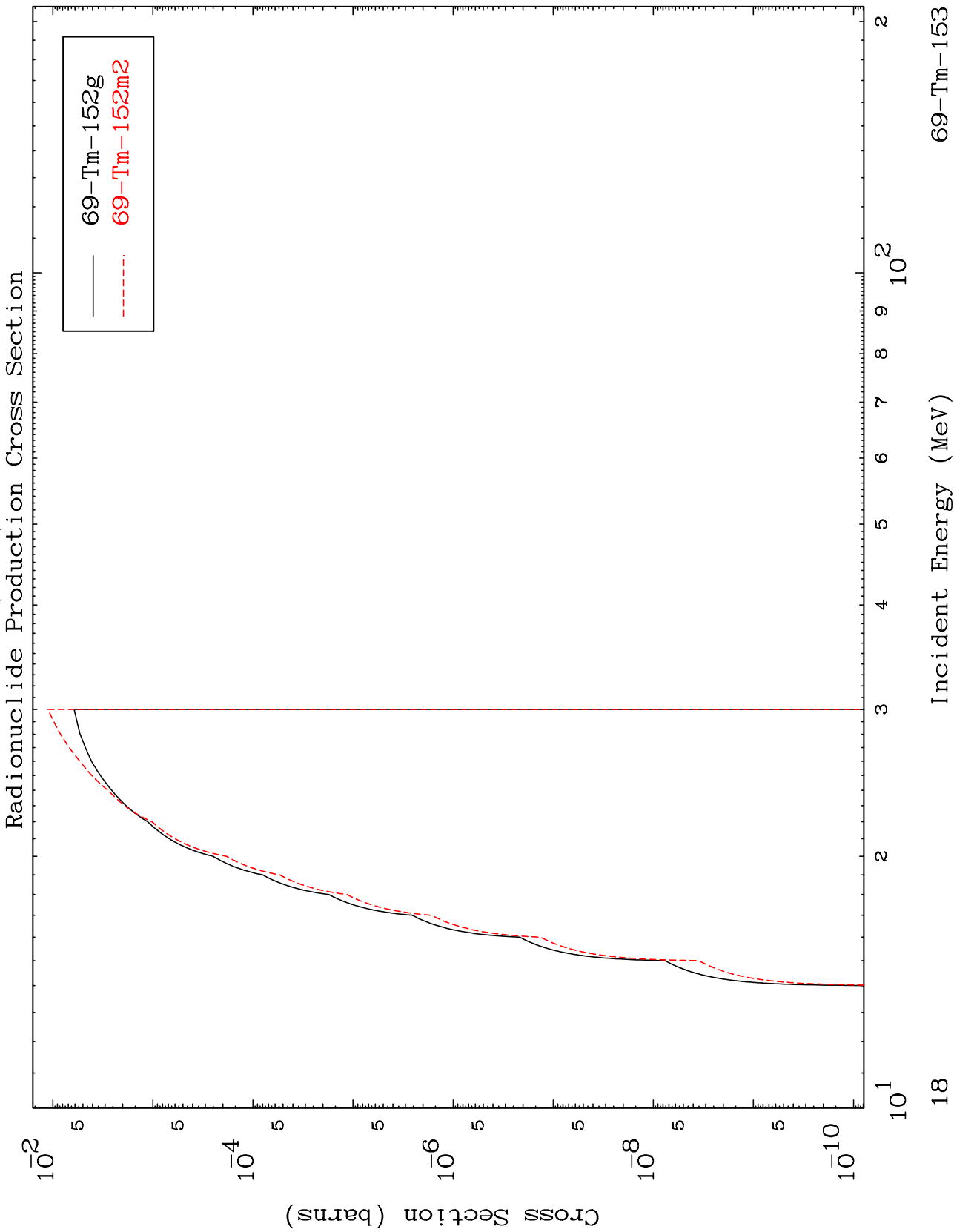
Incident Energy (MeV)

$^{69}\text{Tm-153}$

MAT 6878

(d,n') d

69-Tm-153



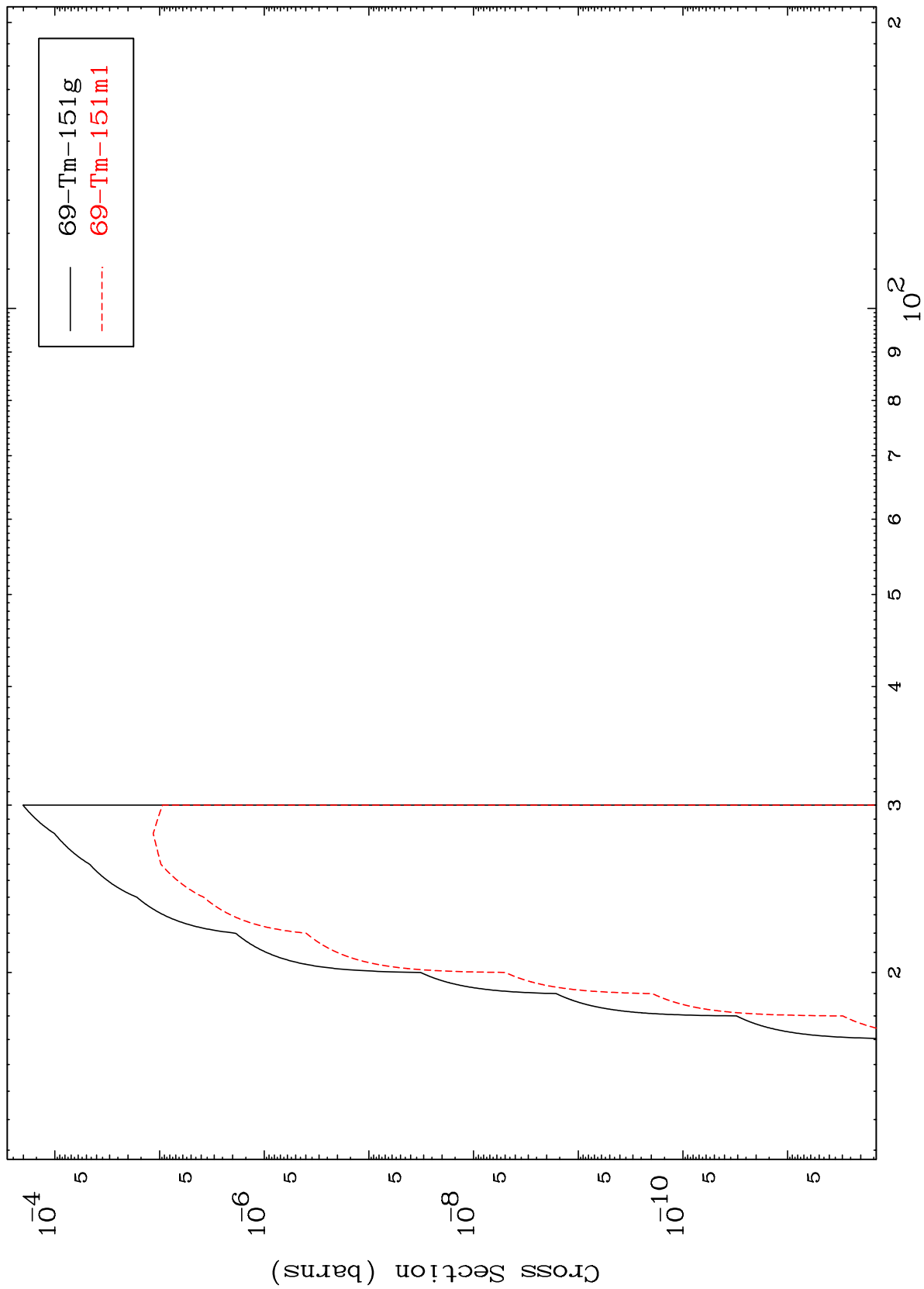
69-Tm-153

MAT 6878

(d,n') t

69-Tm-153

Radionuclide Production Cross Section



19

Incident Energy (MeV)

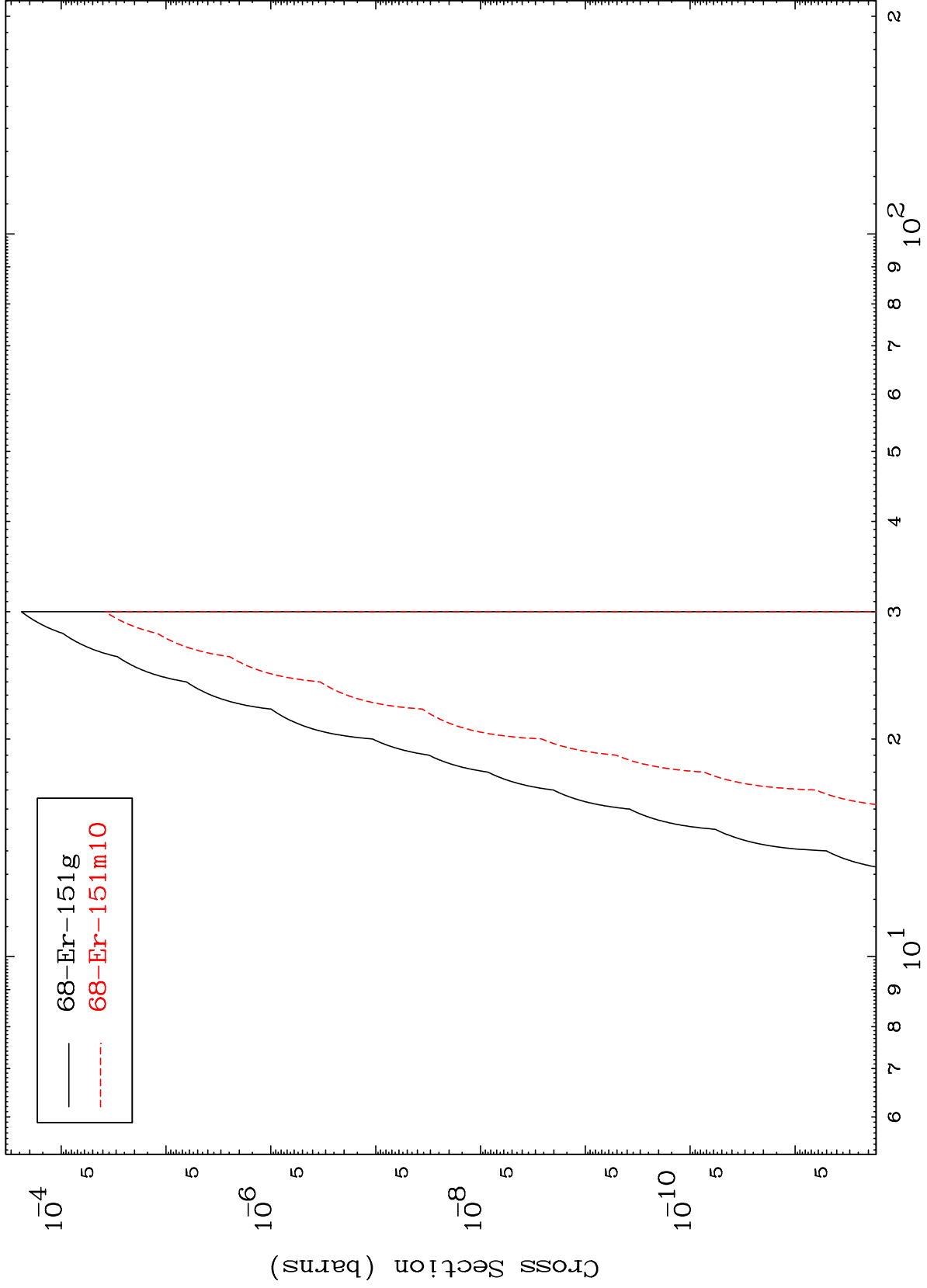
69-Tm-153

MAT 6878

(d,n') He-3

69-Tm-153

Radionuclide Production Cross Section

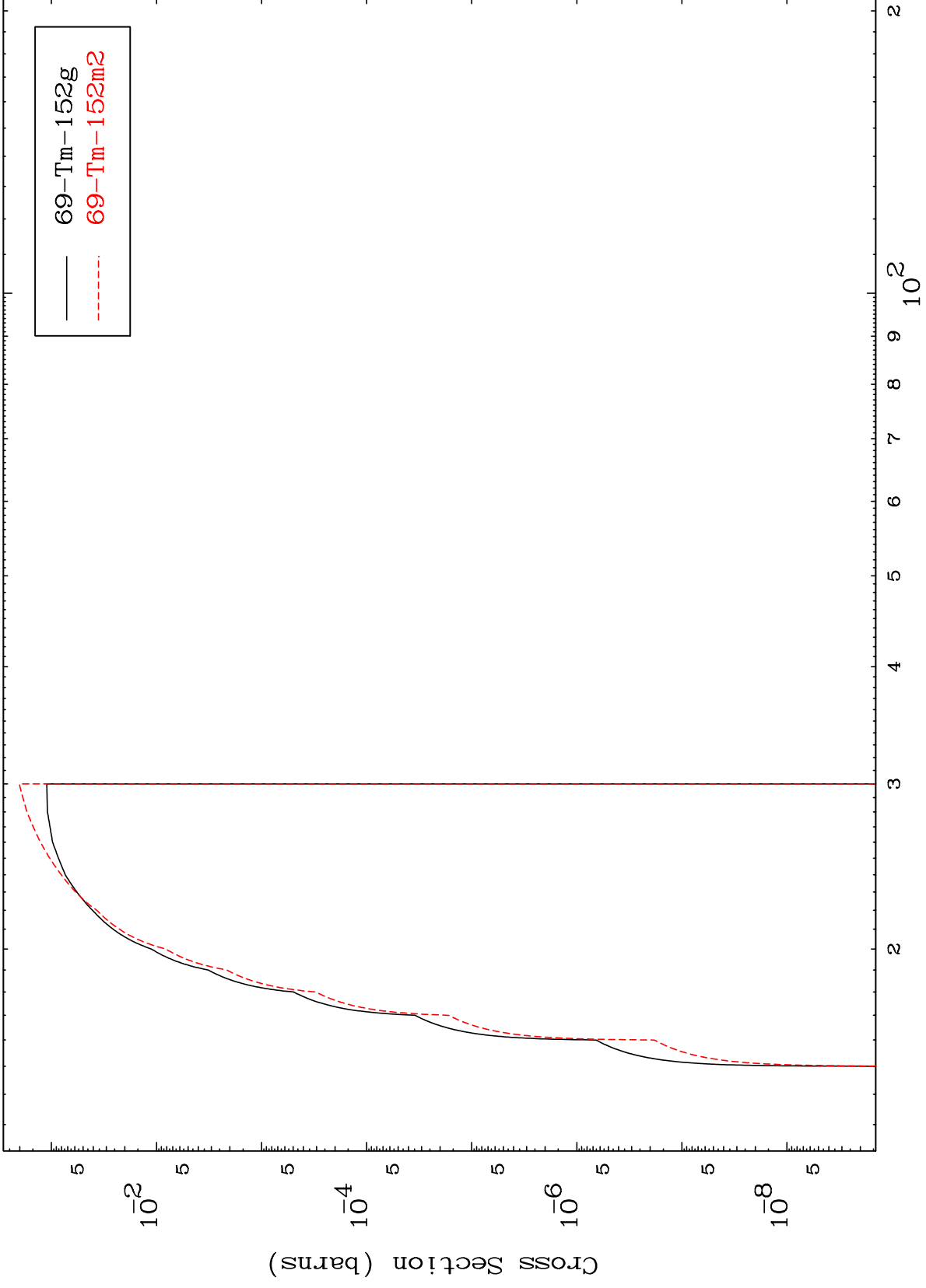


20

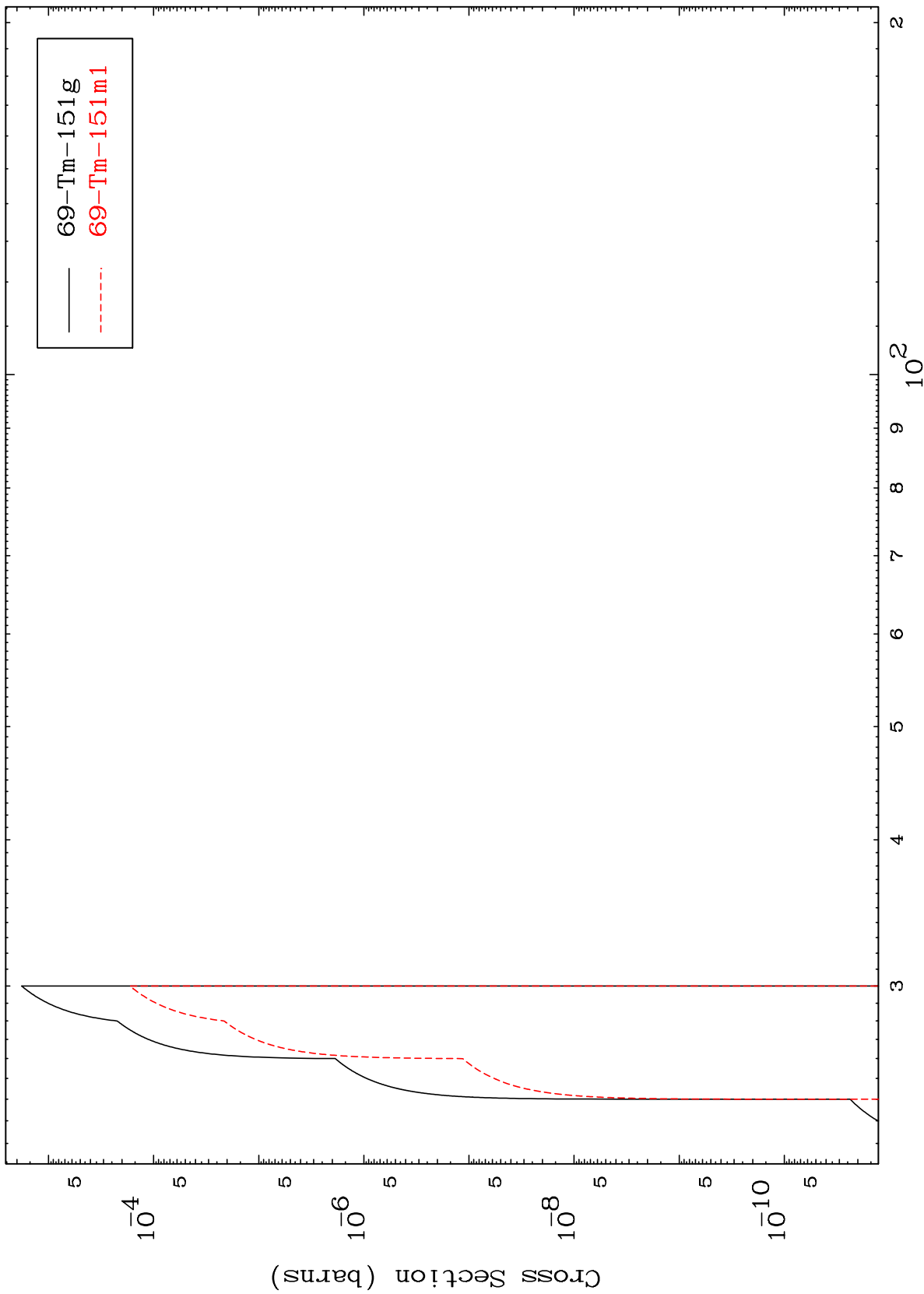
Incident Energy (MeV)

69-Tm-153

Radionuclide Production Cross Section



Radionuclide Production Cross Section

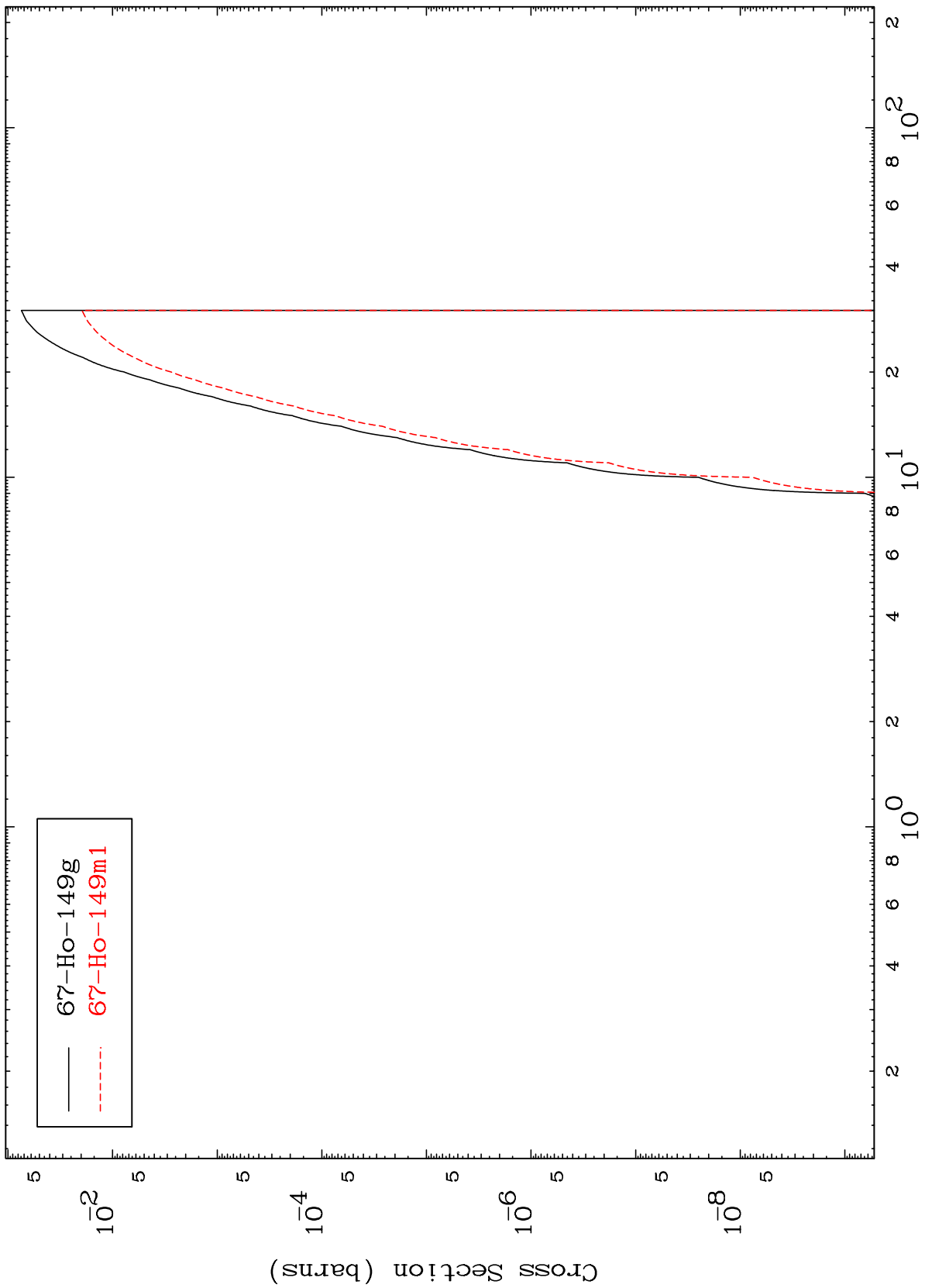


MAT 6878

(d,n') p α

69-Tm-153

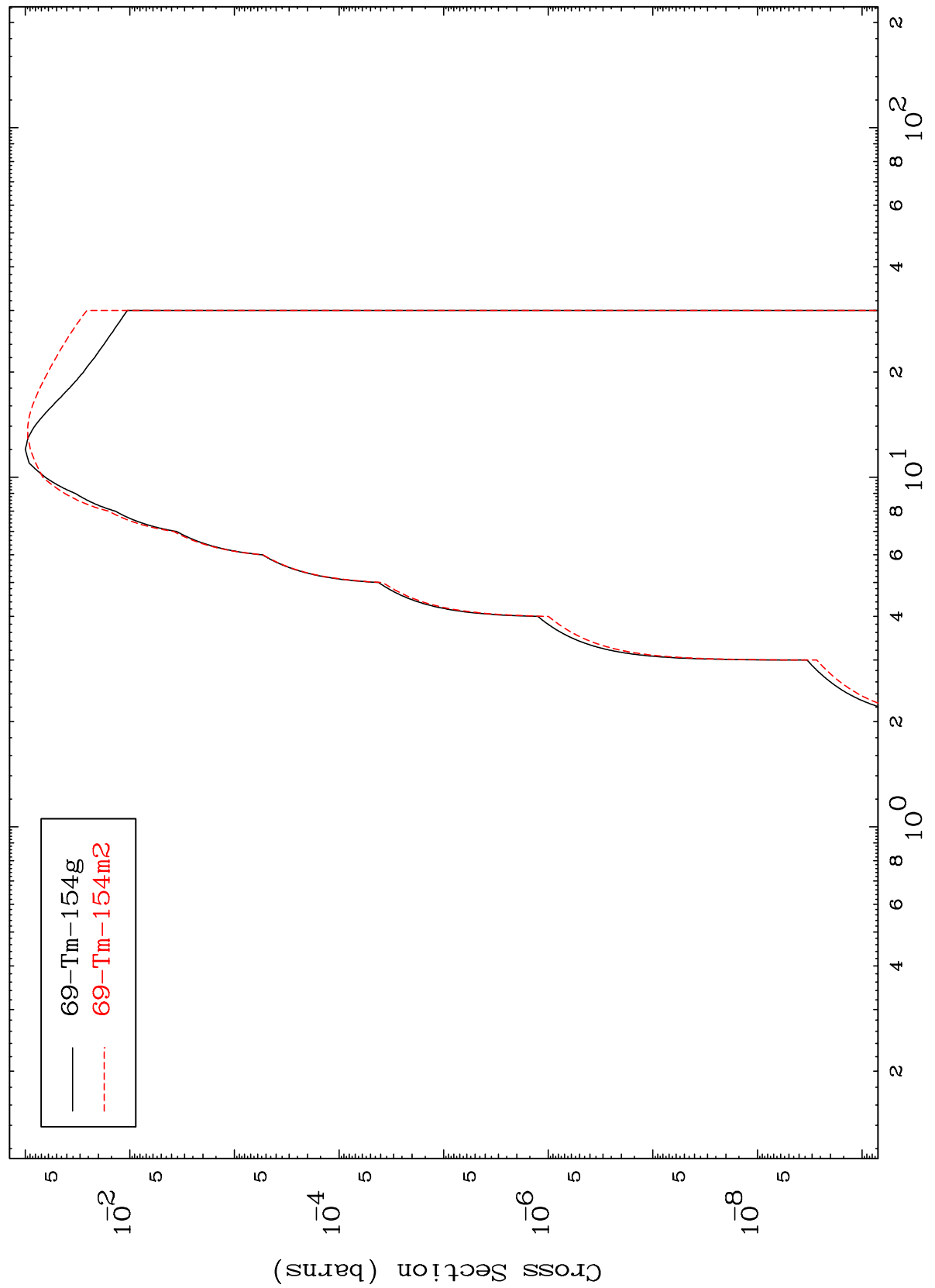
Radionuclide Production Cross Section



MAT 6878

69-Tm-153

(d,p)
Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

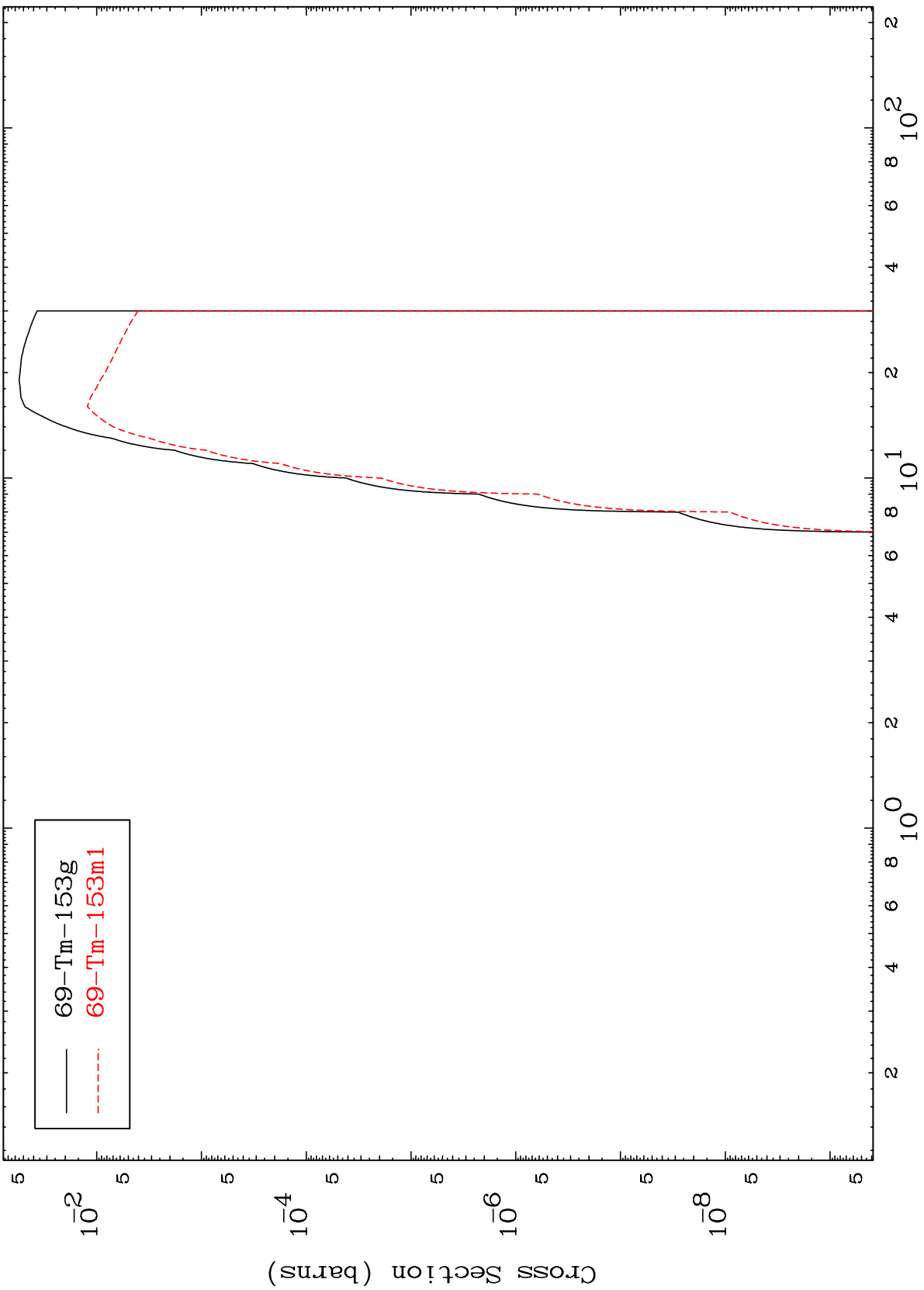
24

MAT 6878

(d,d)

69-Tm-153

Radionuclide Production Cross Section

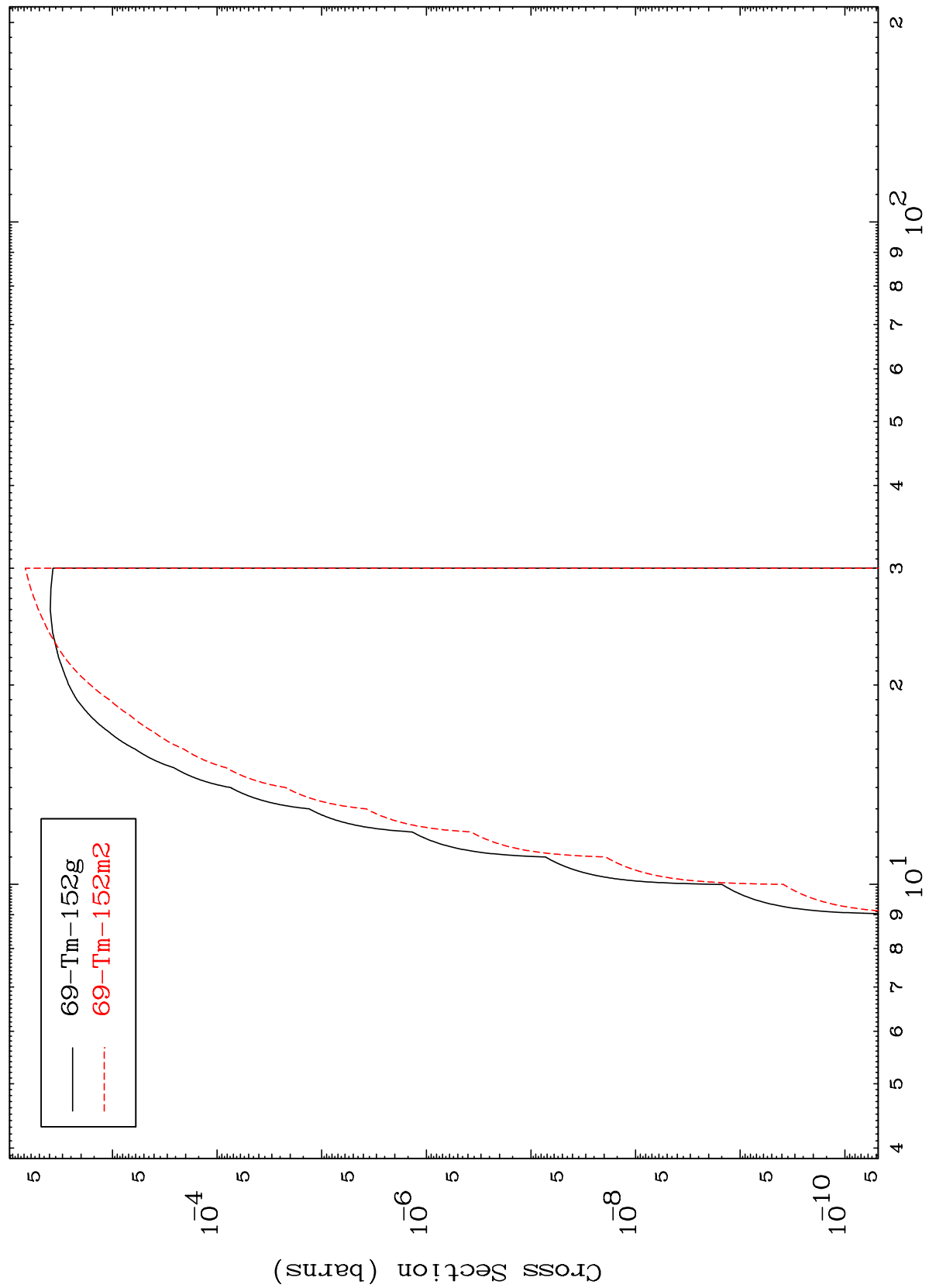


69-Tm-153g
69-Tm-153m1

MAT 6878

69-Tm-153

(d, t)
Radionuclide Production Cross Section



26

69-Tm-153

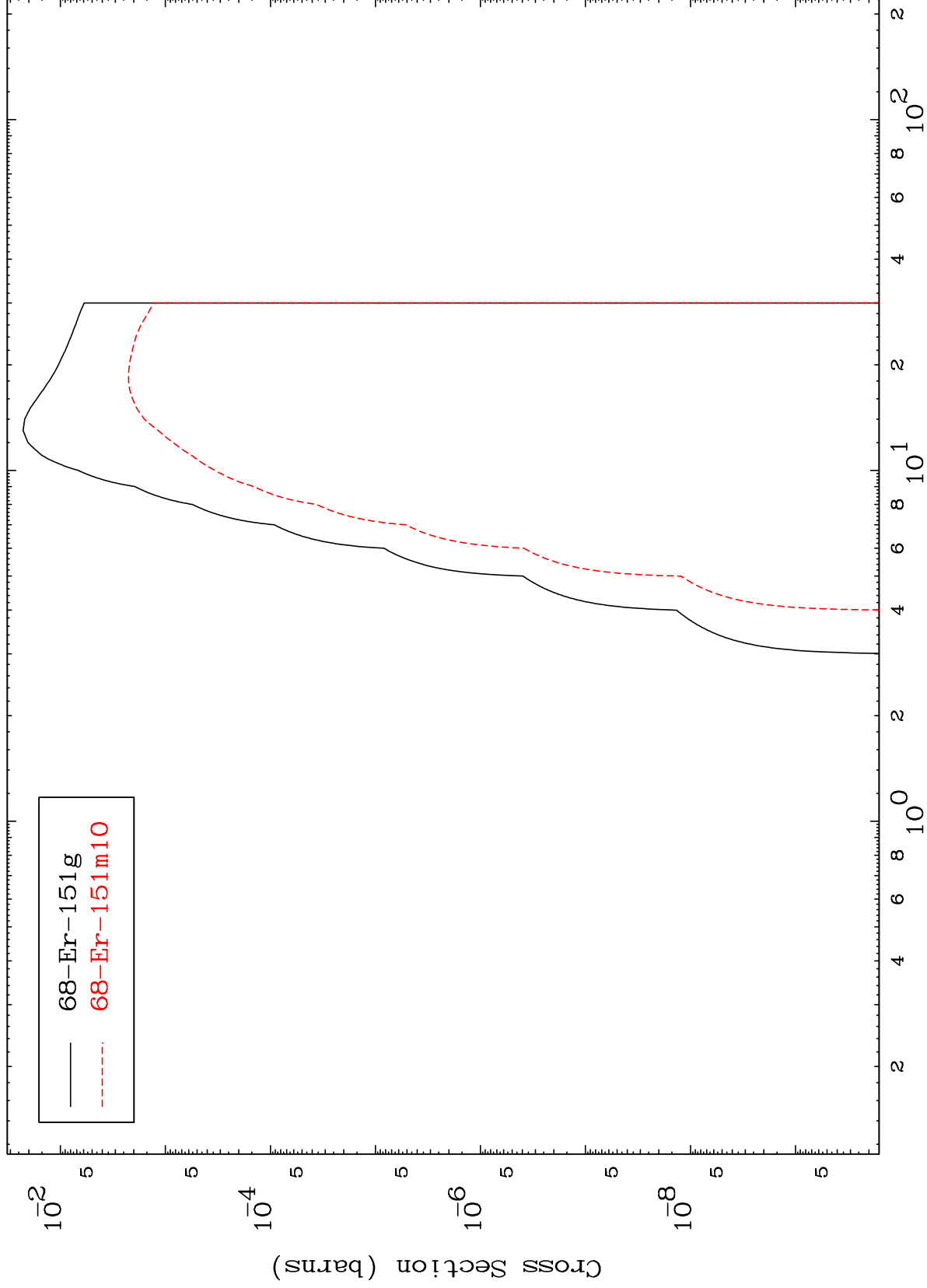
Incident Energy (MeV)

MAT 6878

(d, α)

69-Tm-153

Radionuclide Production Cross Section



27

Incident Energy (MeV)

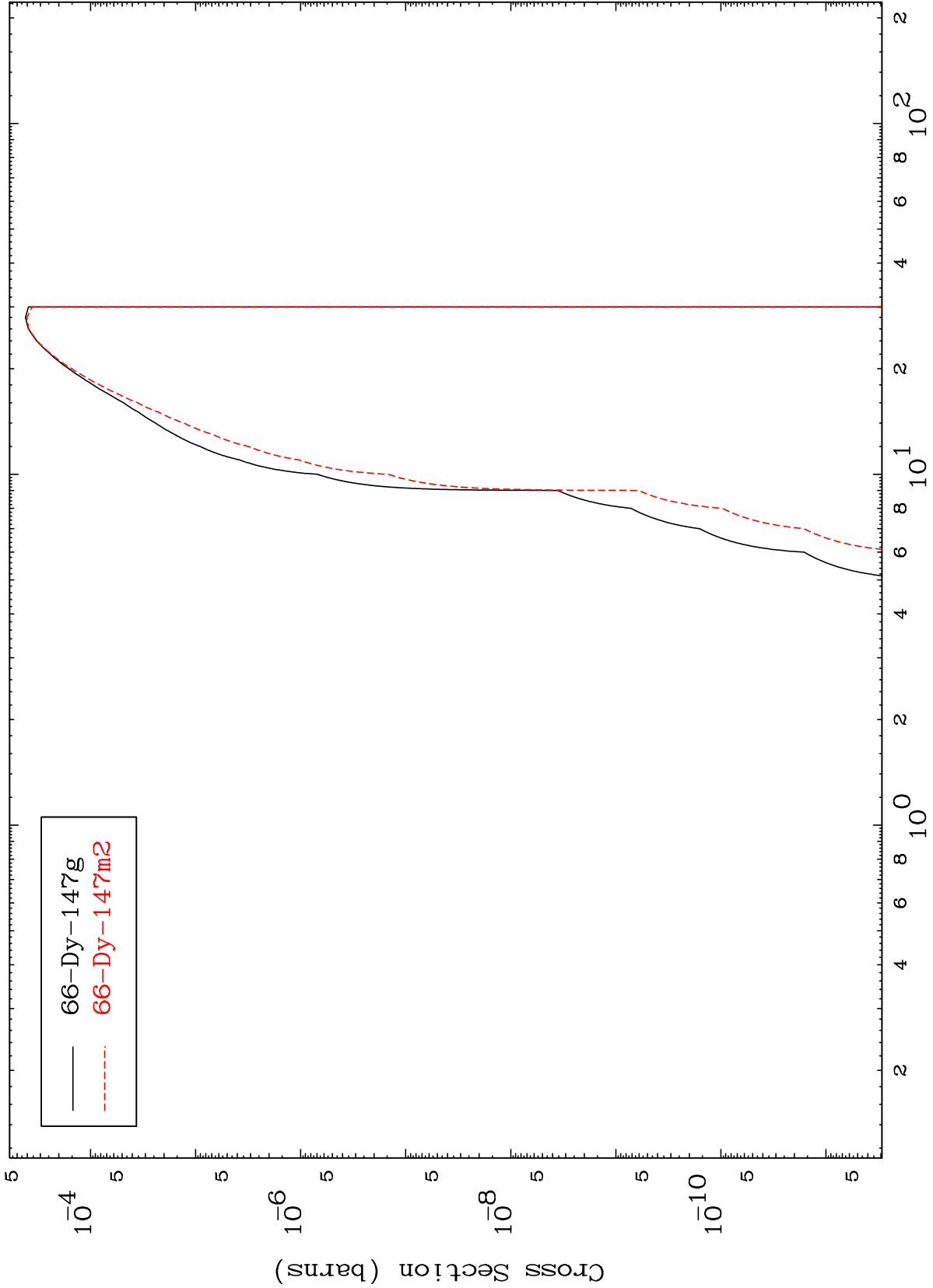
69-Tm-153

MAT 6878

(d,2α)

69-Tm-153

Radionuclide Production Cross Section



28

Incident Energy (MeV)

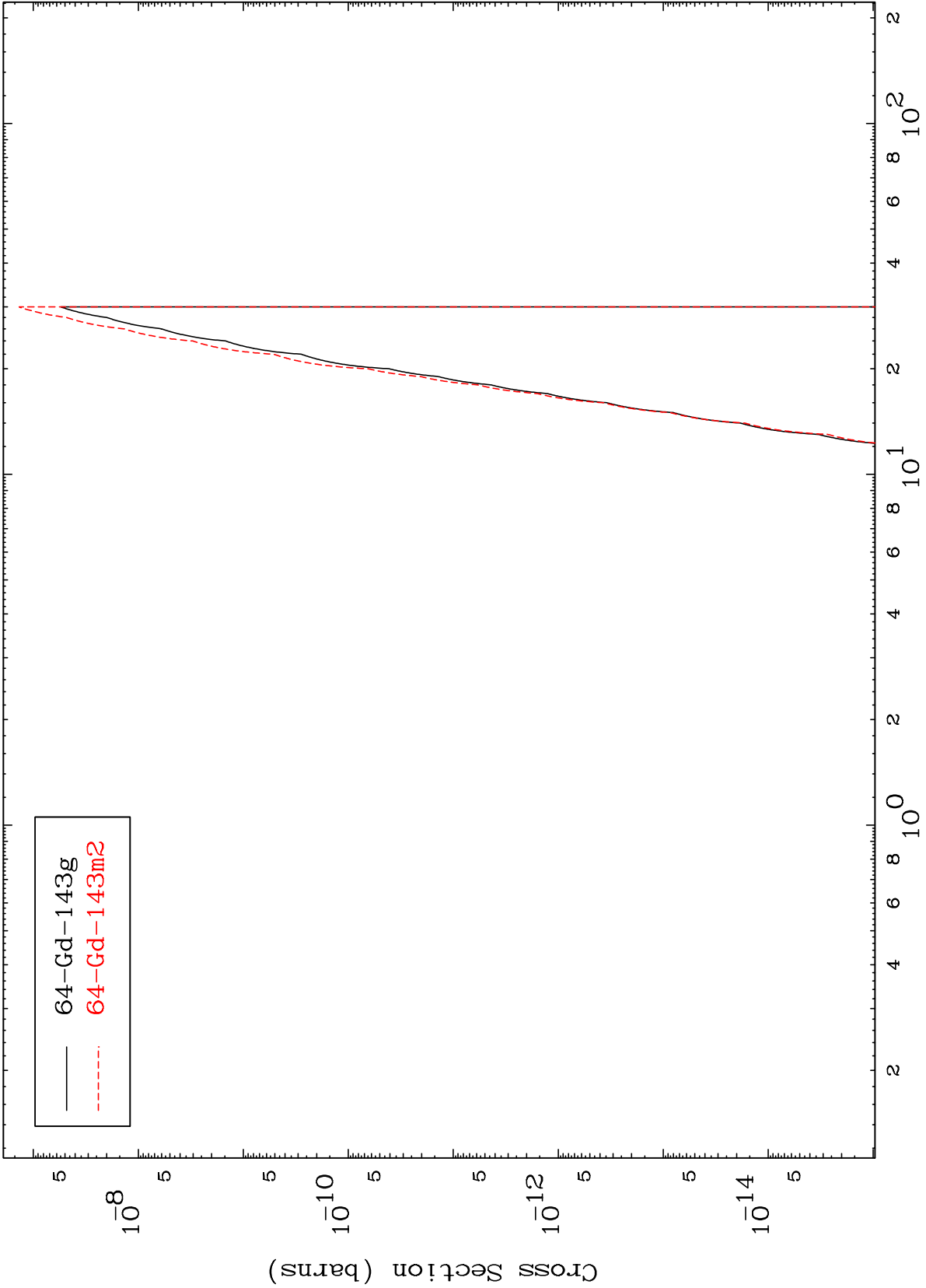
69-Tm-153

MAT 6878

(d,3α)

69-Tm-153

Radionuclide Production Cross Section



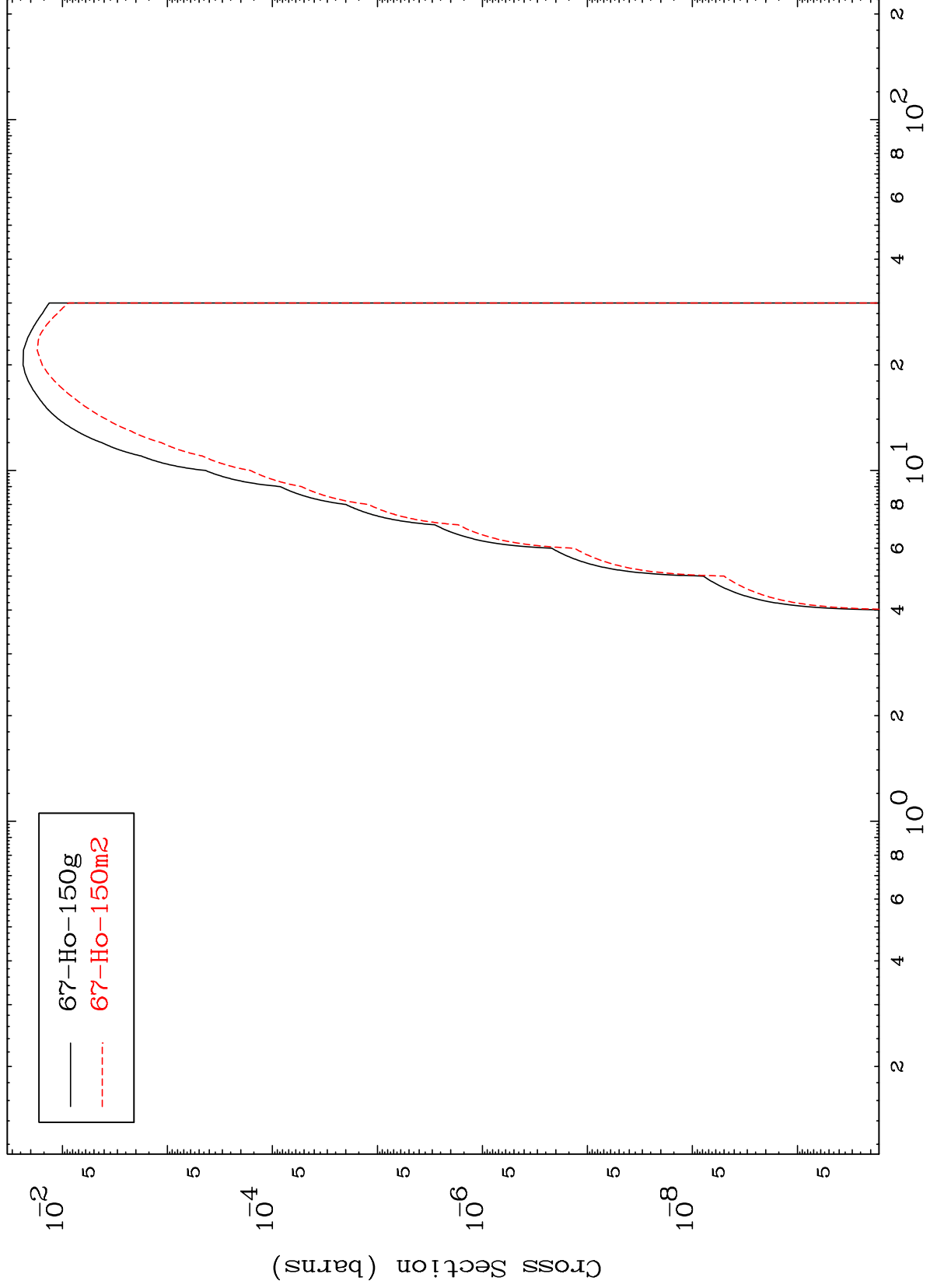
64-Gd-143g
64-Gd-143m2

MAT 6878

(d,p) α

69-Tm-153

Radionuclide Production Cross Section



30

Incident Energy (MeV)

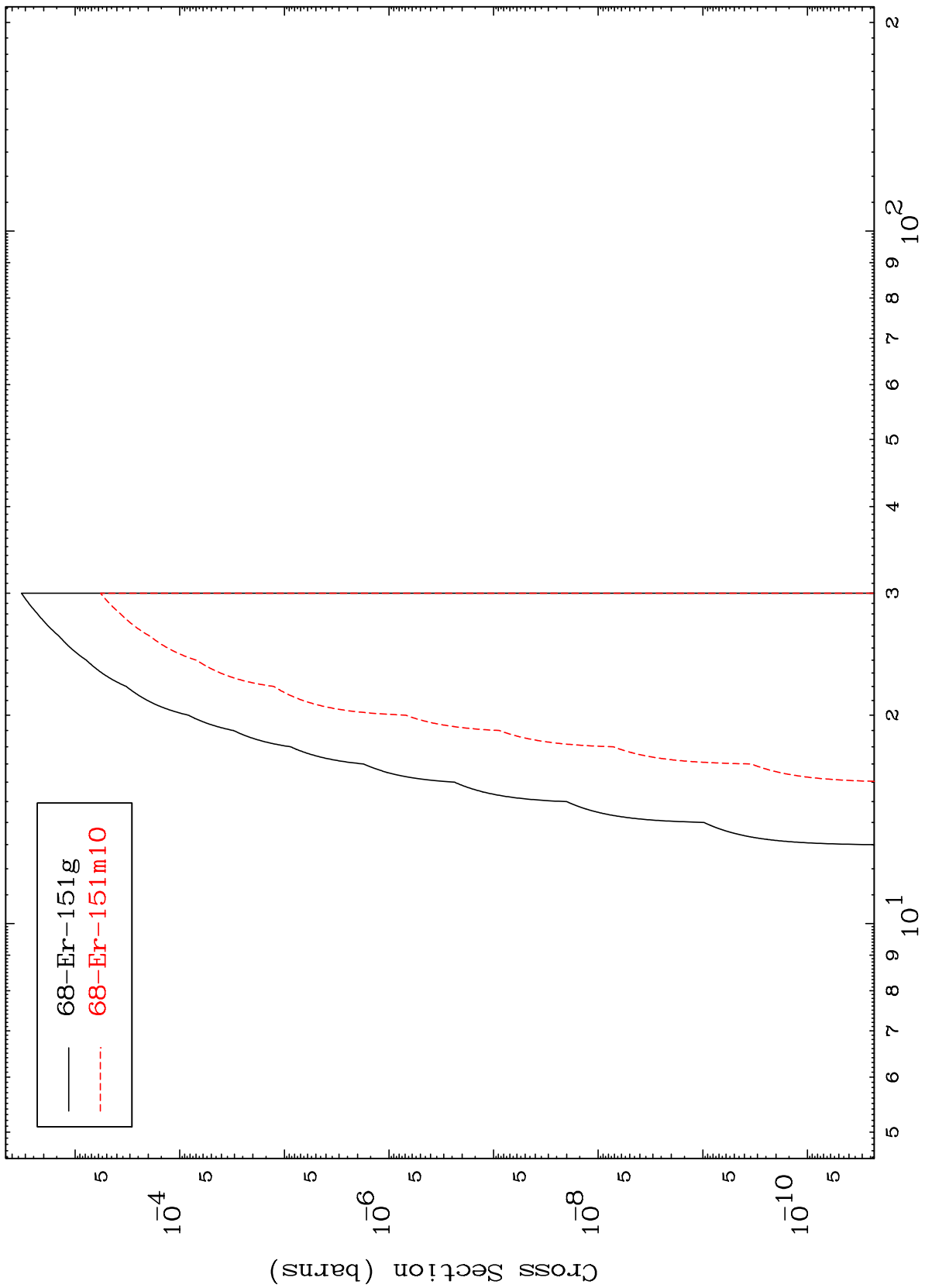
69-Tm-153

MAT 6878

(d,p) t

69-Tm-153

Radionuclide Production Cross Section



31

Incident Energy (MeV)

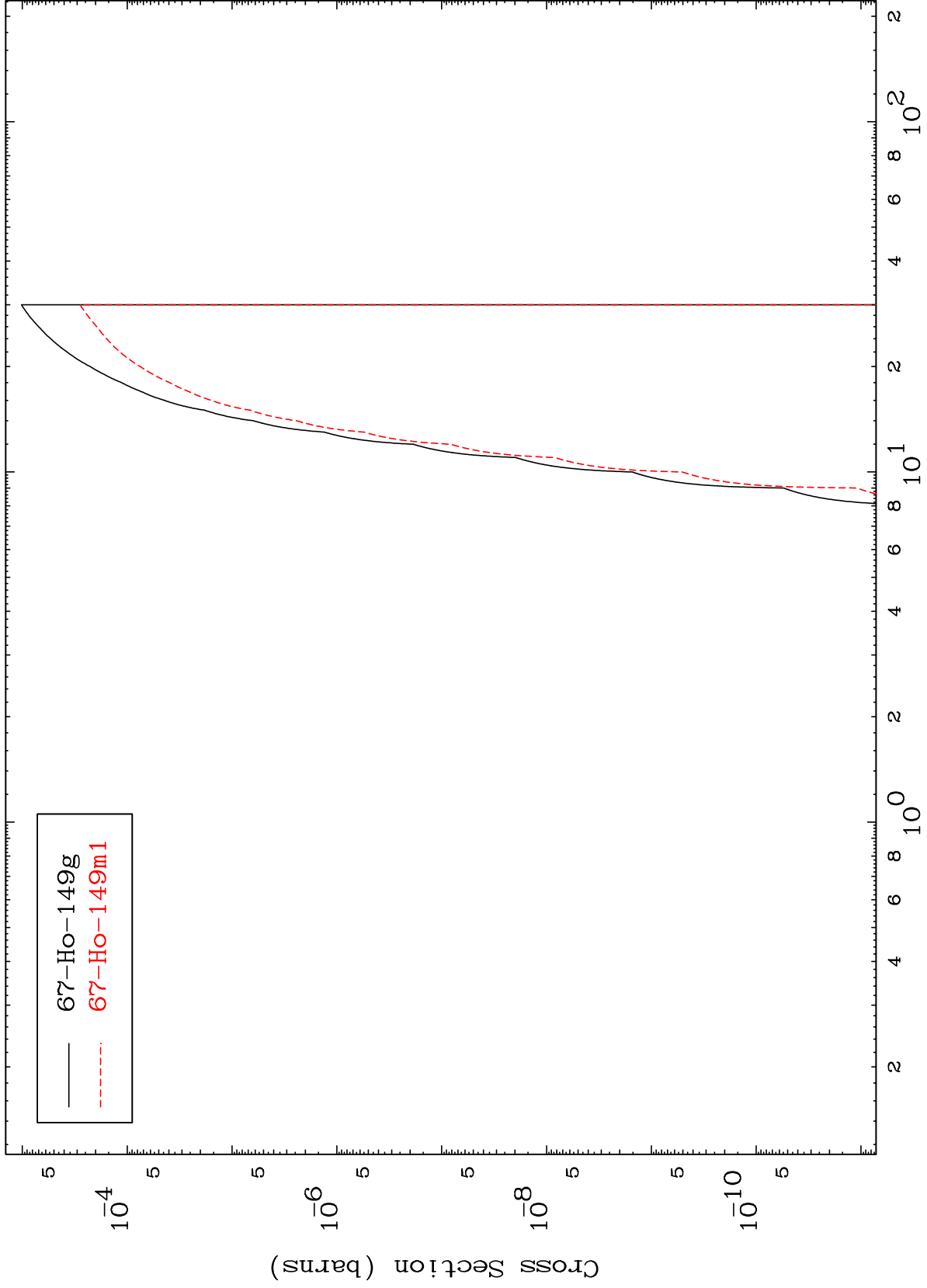
69-Tm-153

MAT 6878

(d,d) α

69-Tm-153

Radionuclide Production Cross Section



32

Incident Energy (MeV)

69-Tm-153