

Program EVALPLOT
(Version 2021-1)

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

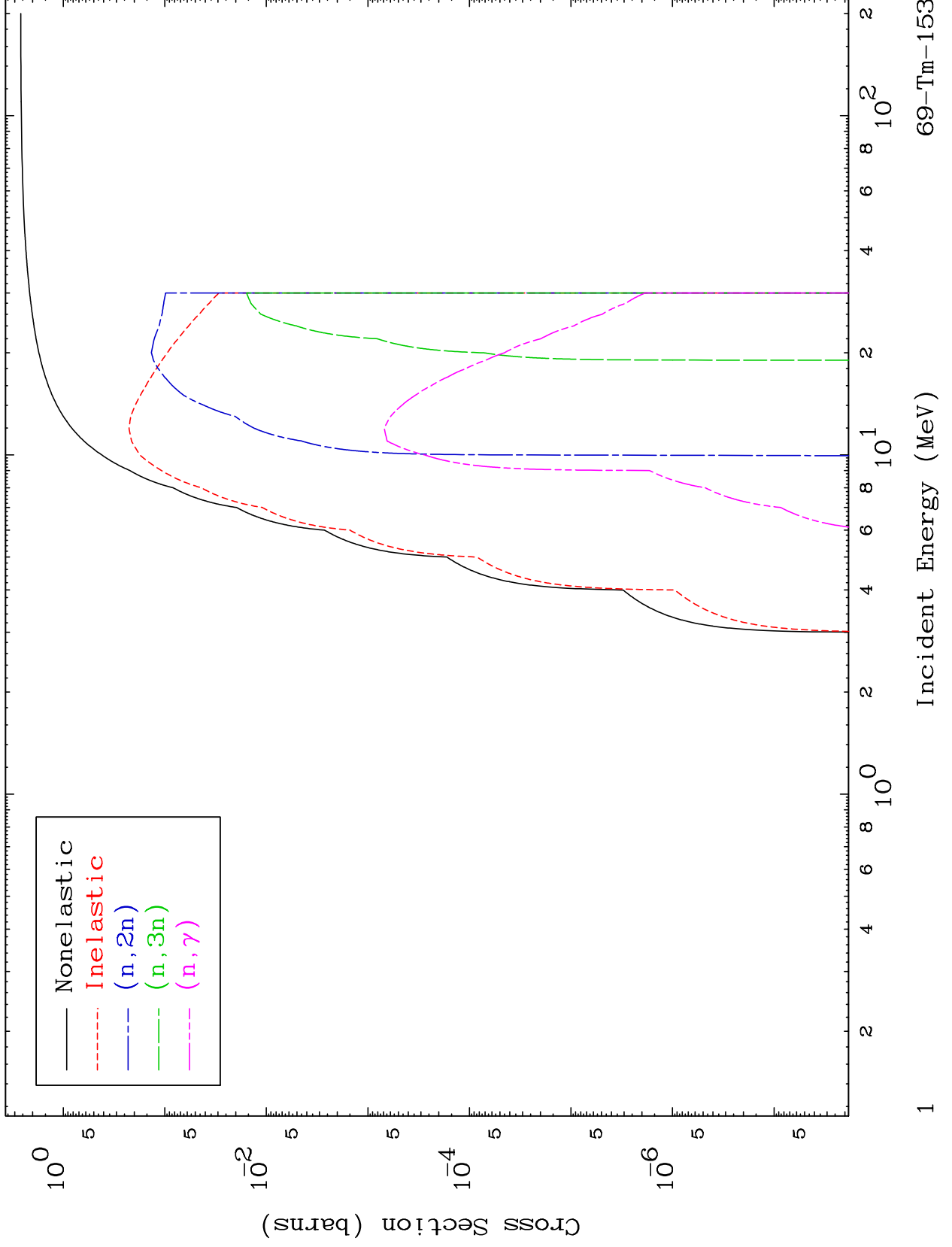
Web:redcullen1.net/HOMEPAGE.NEW

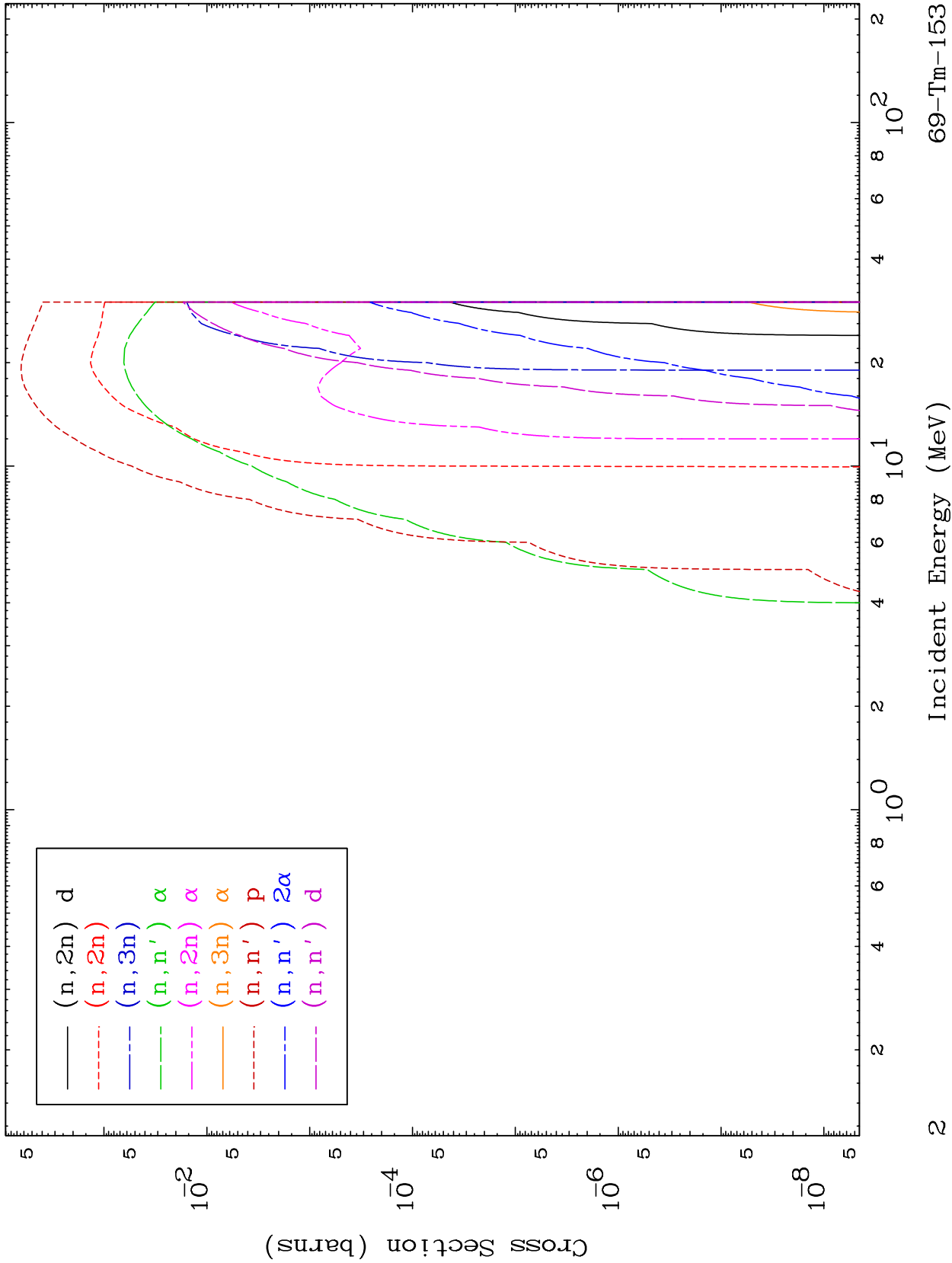
Press Mouse Button to Start

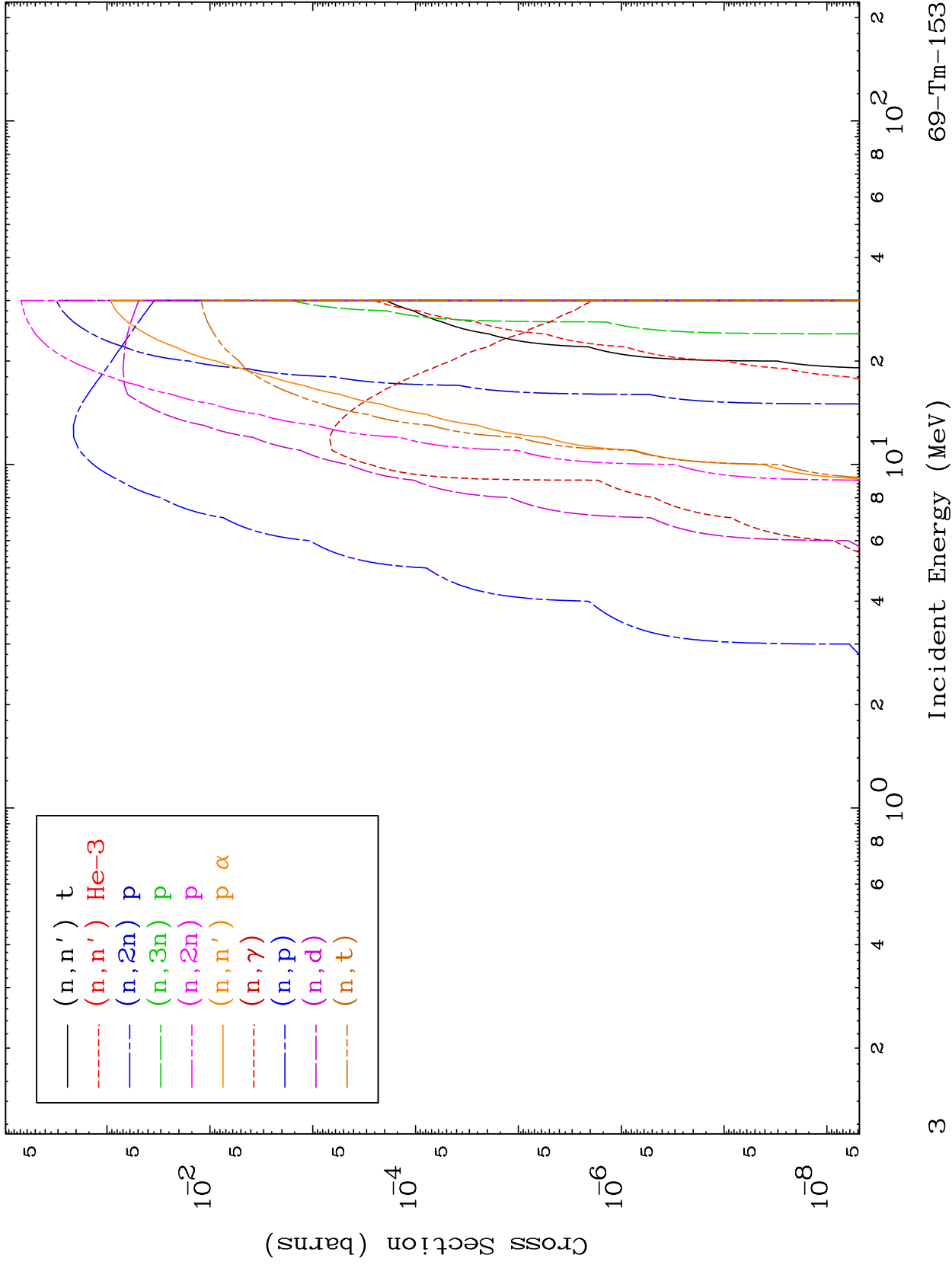
MAT 6877

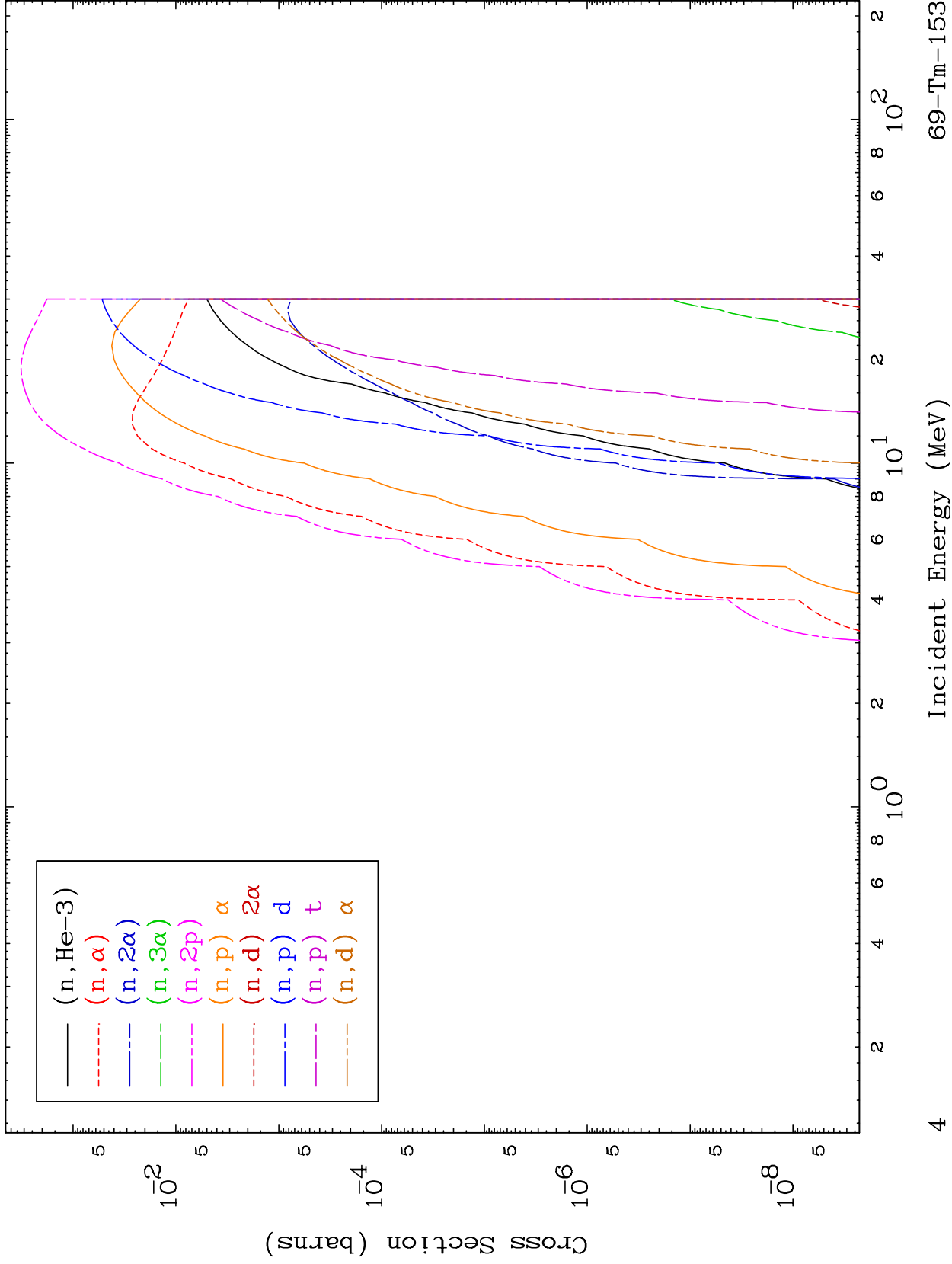
Deuteron Major
0 Kelvin Cross Sections

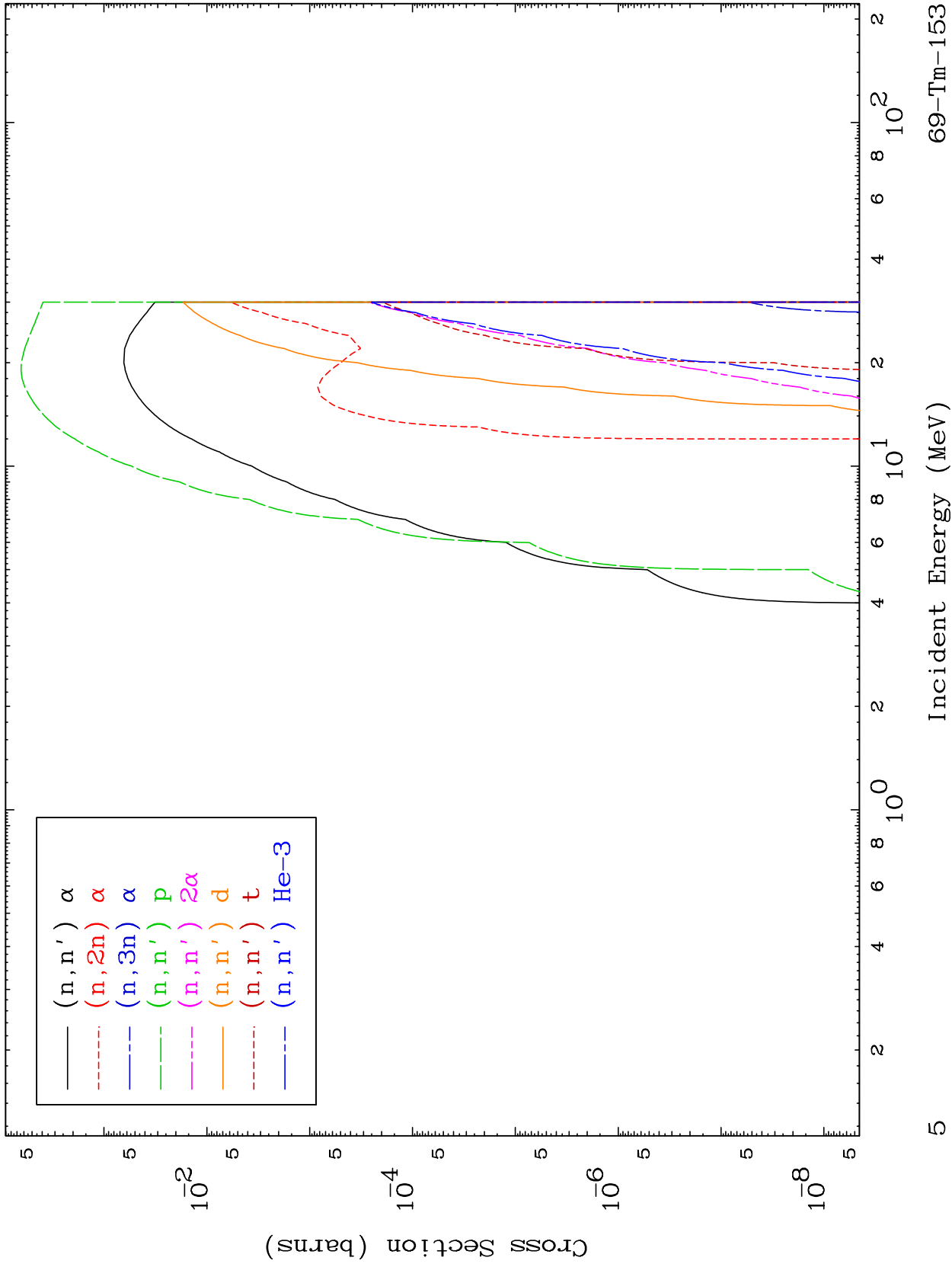
69-Tm-153

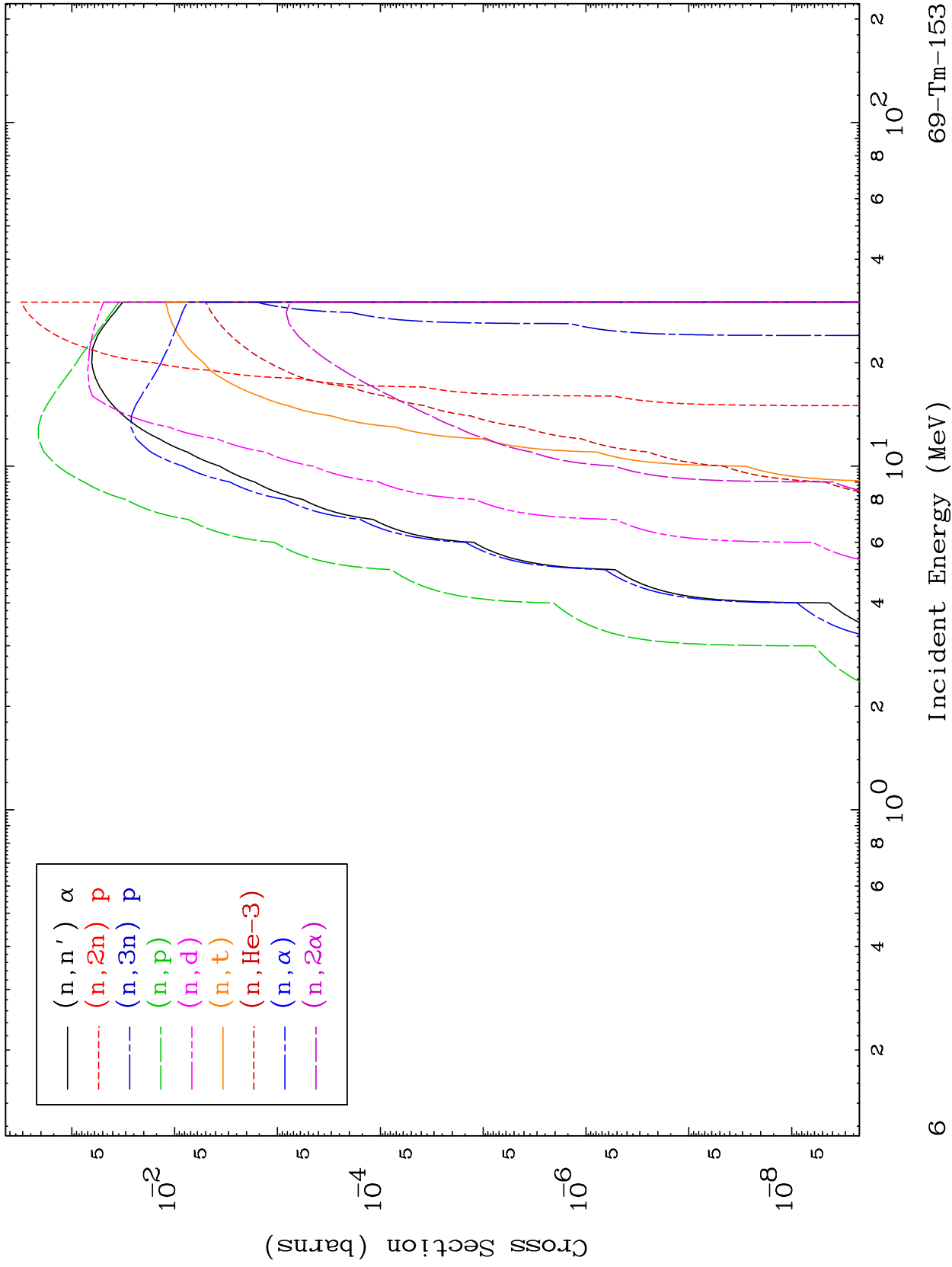


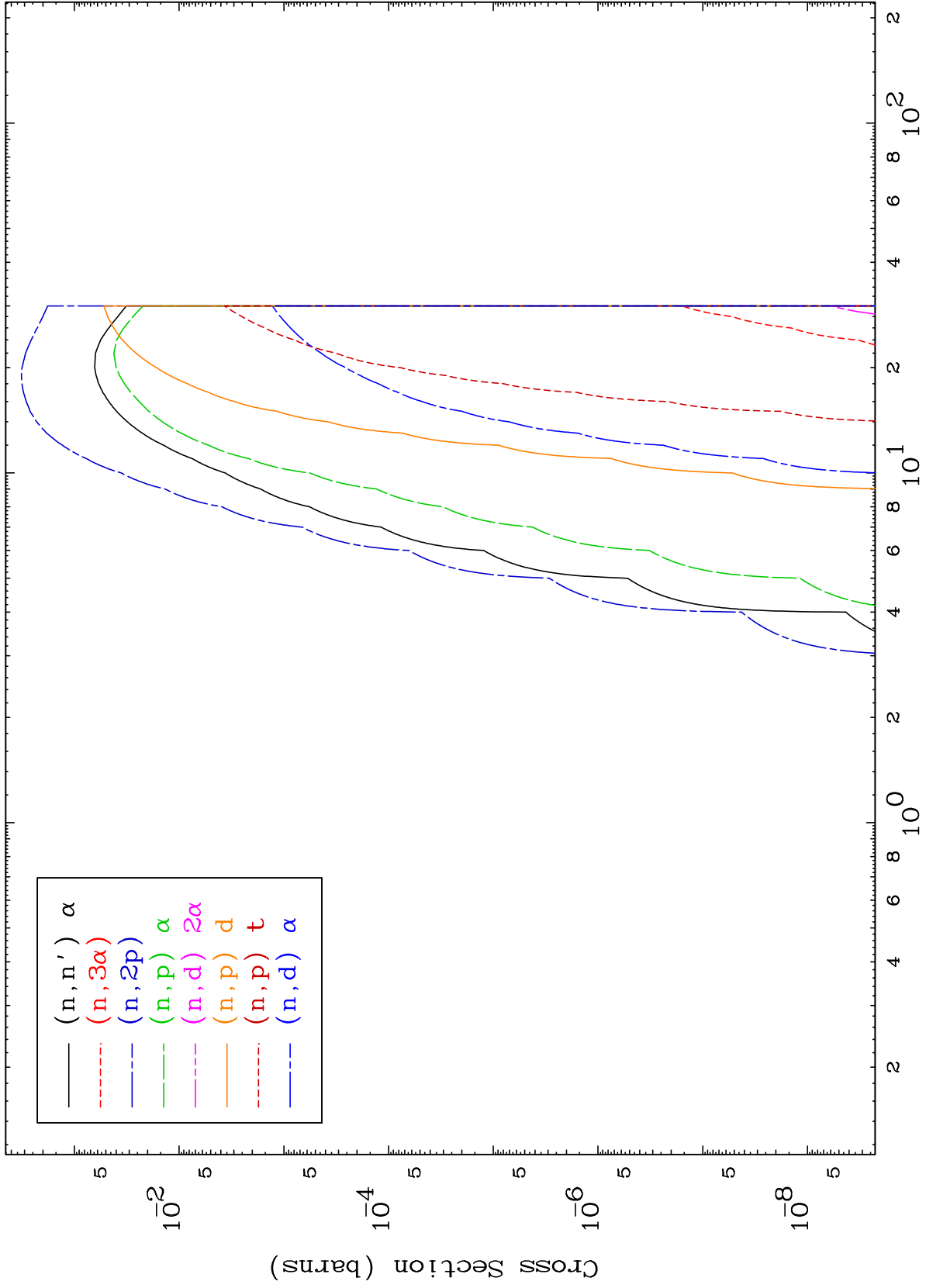










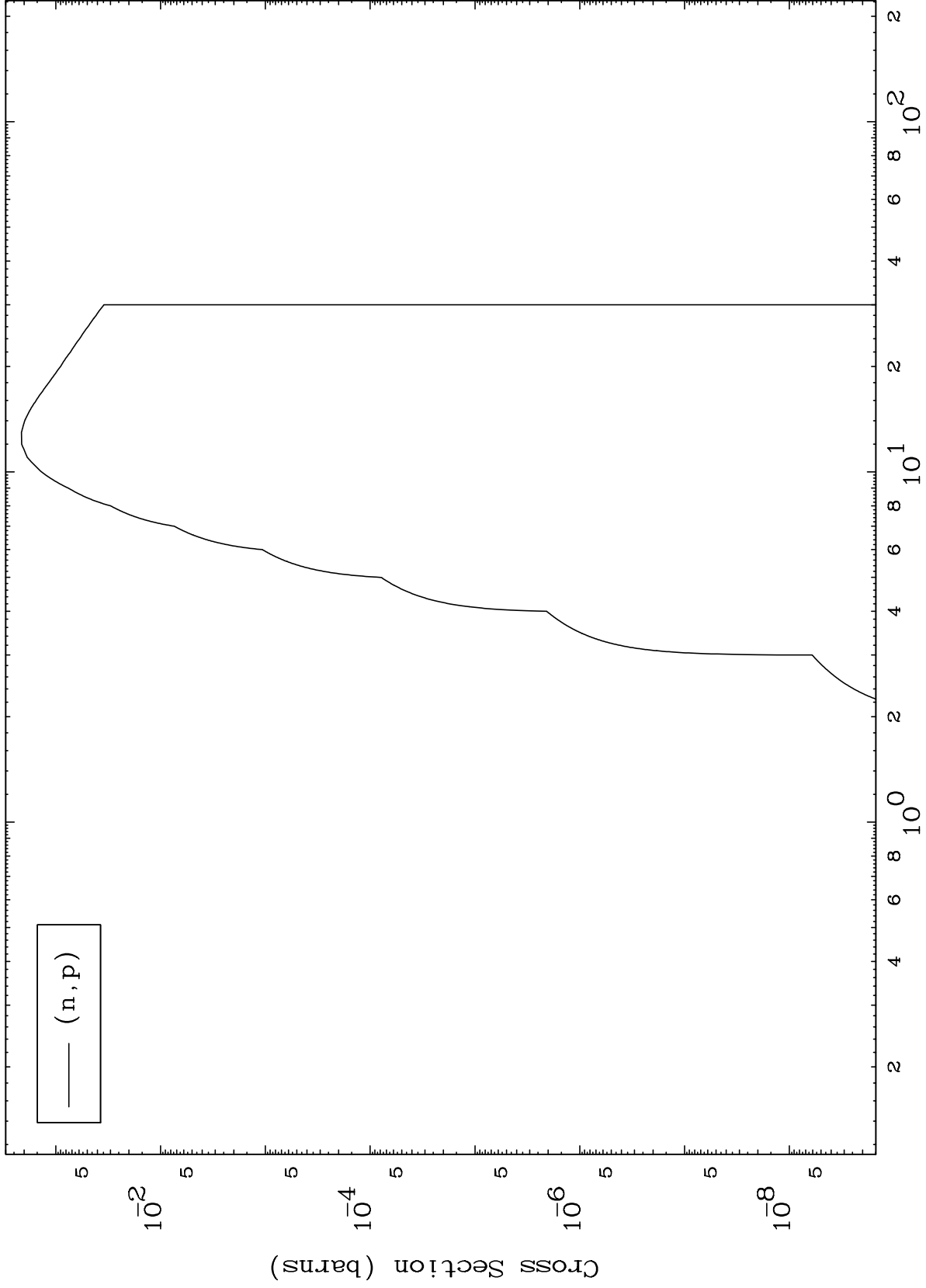


MAT 6877

(d,p) Levels

69-Tm-153

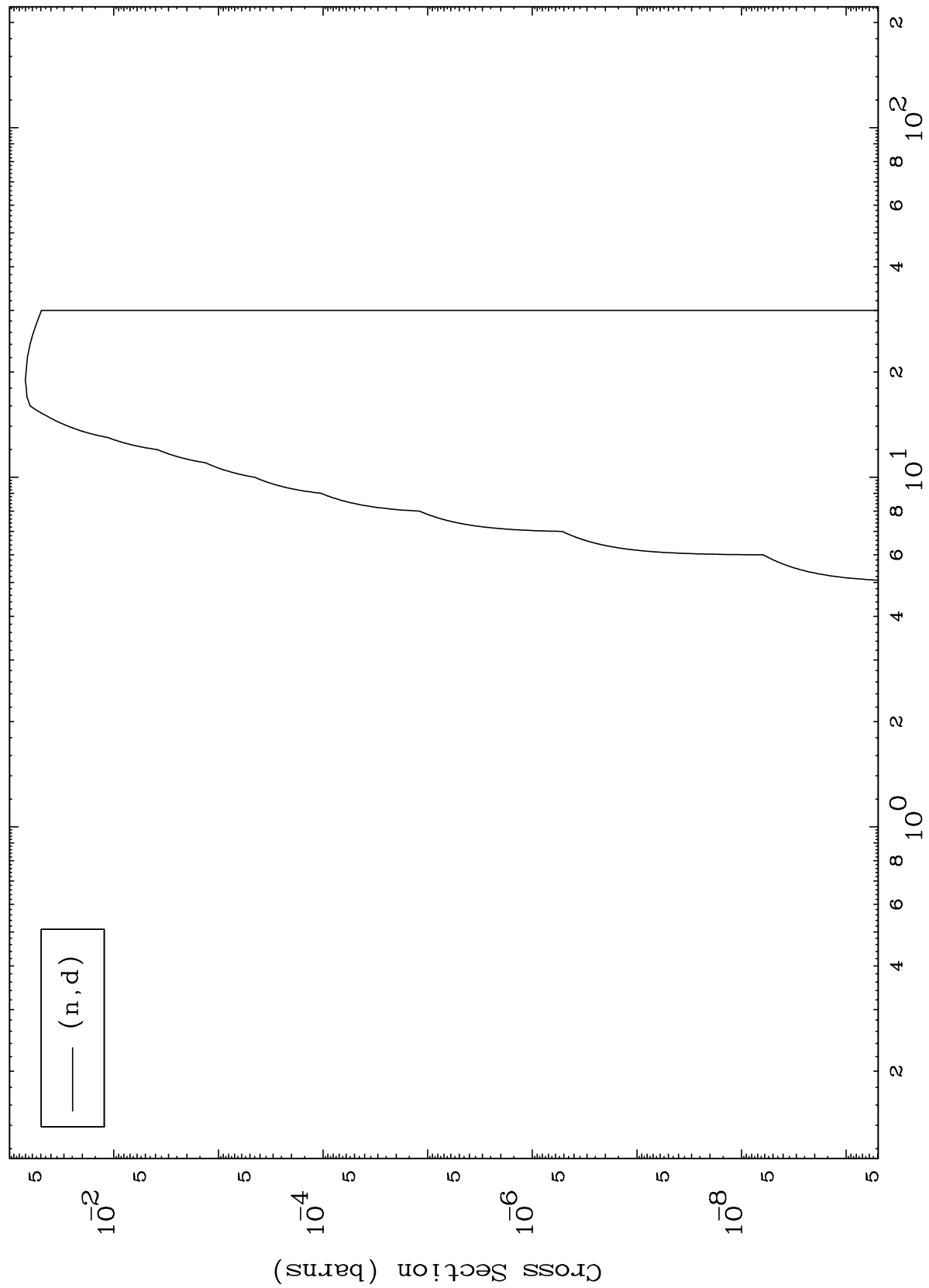
0 Kelvin Cross Sections



MAT 6877

69-Tm-153

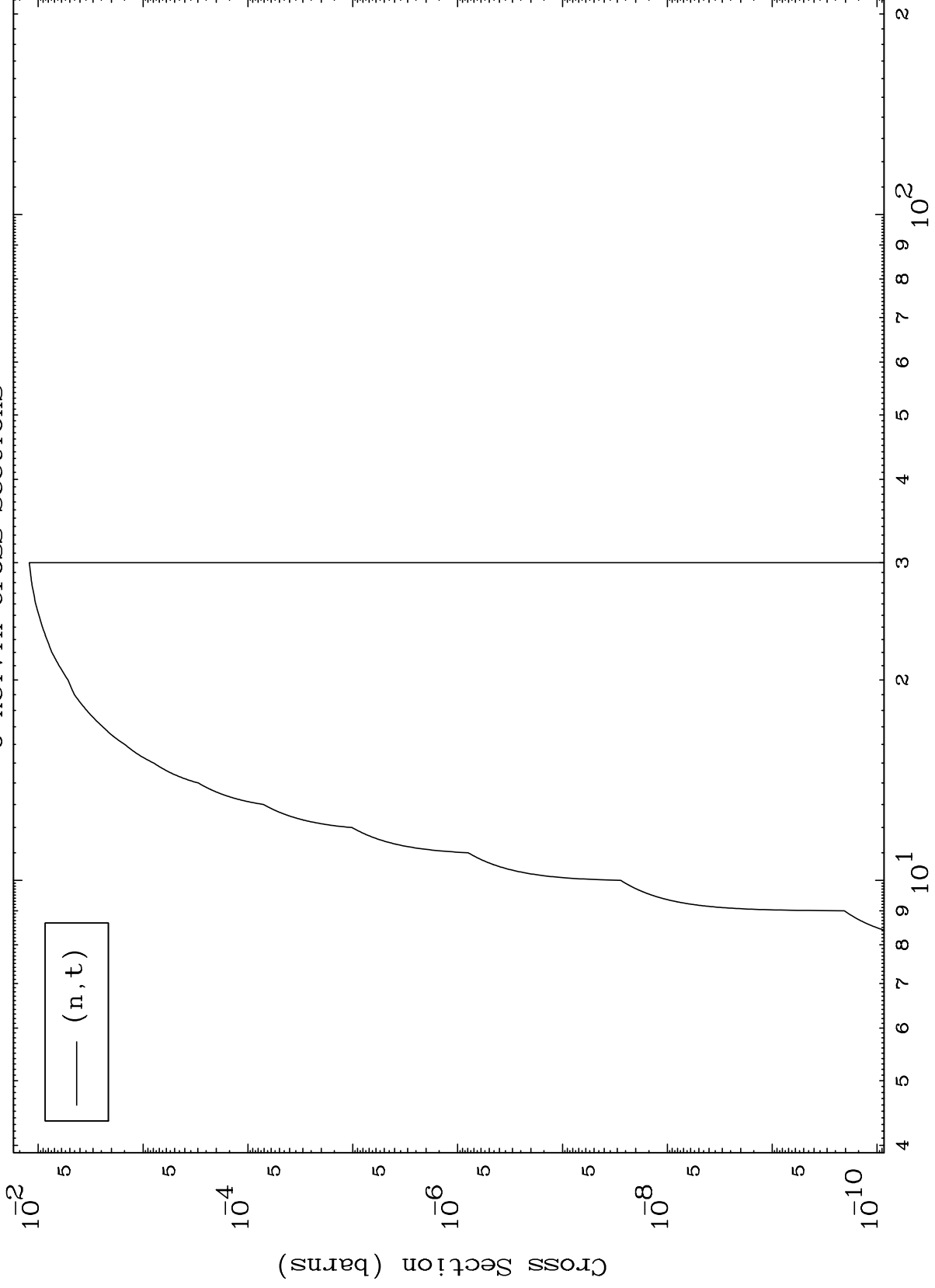
(d,d) Levels
0 Kelvin Cross Sections



MAT 68777

(d,t) Levels
0 Kelvin Cross Sections

69-Tm-153



10

Incident Energy (MeV)

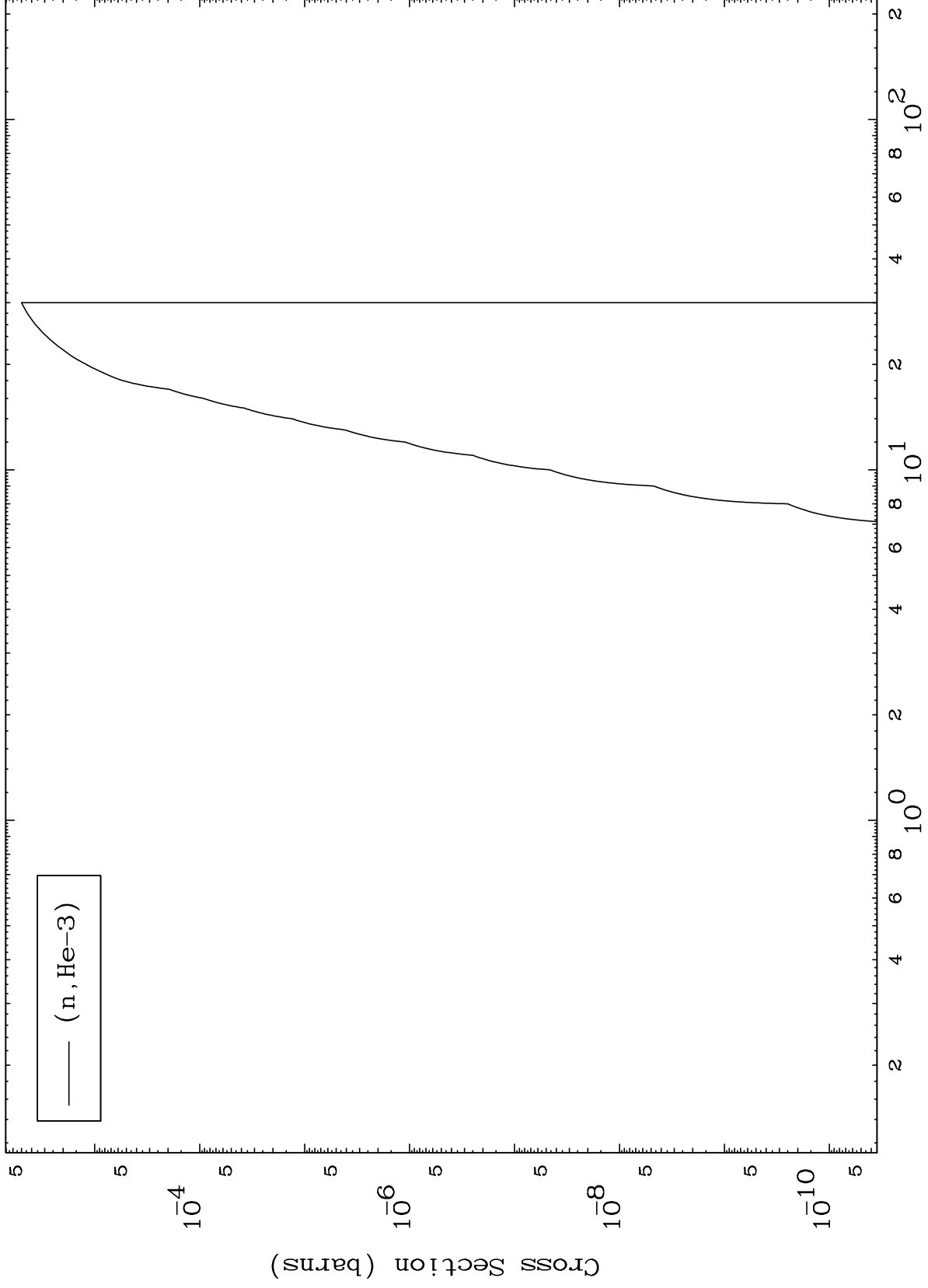
69-Tm-153

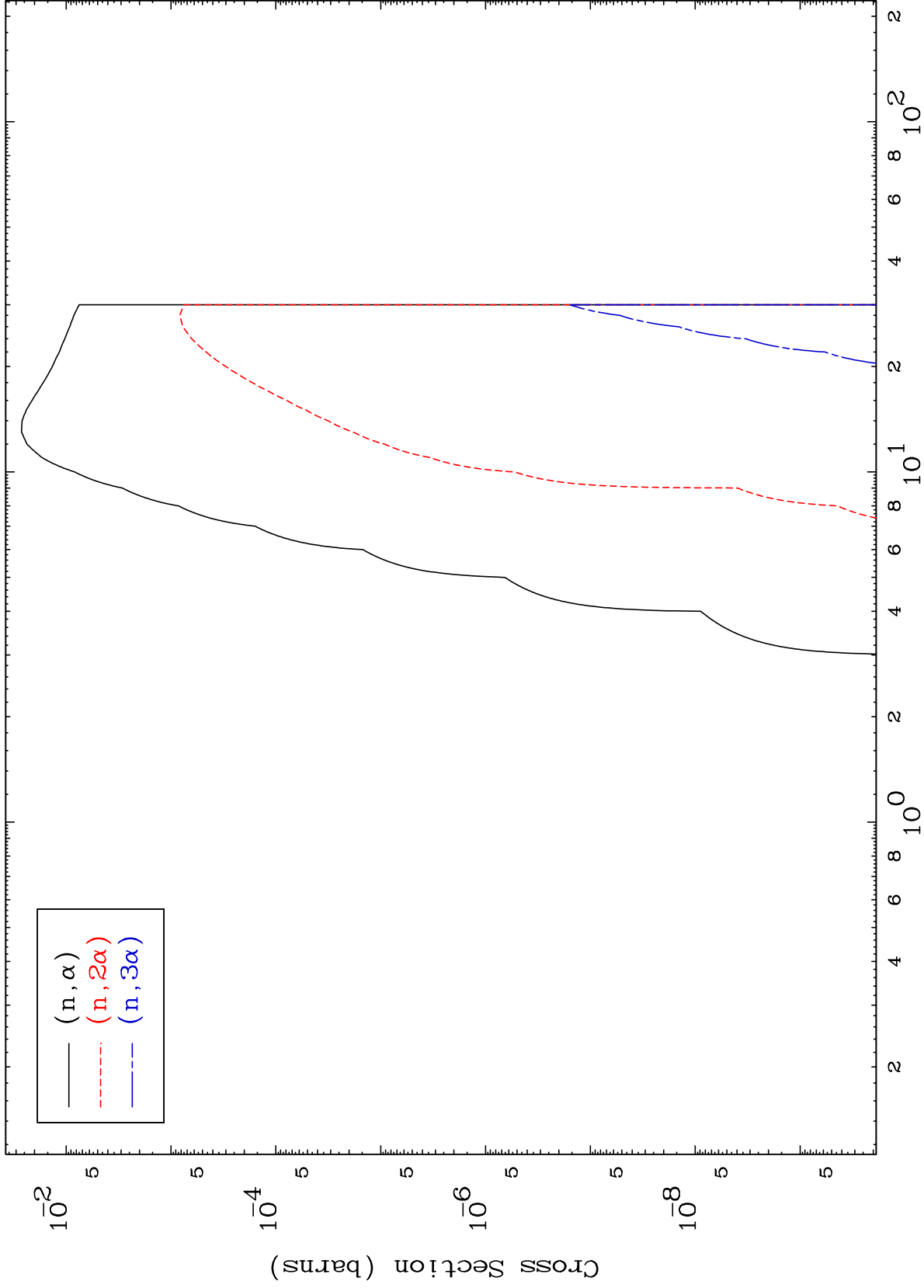
MAT 6877

(d,He3) Levels

69-Tm-153

0 Kelvin Cross Sections



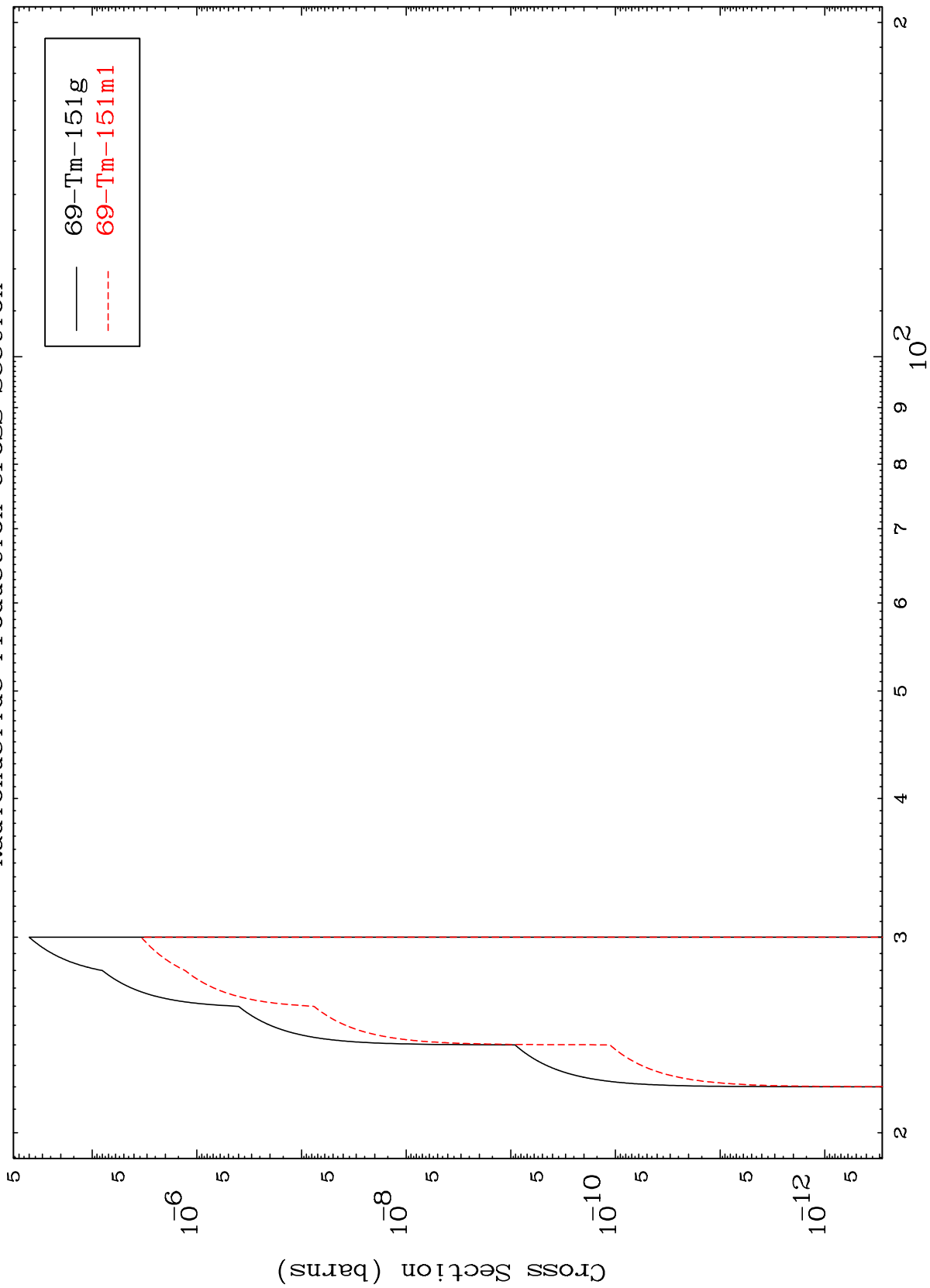


MAT 68777

(n,2n) d

69-Tm-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

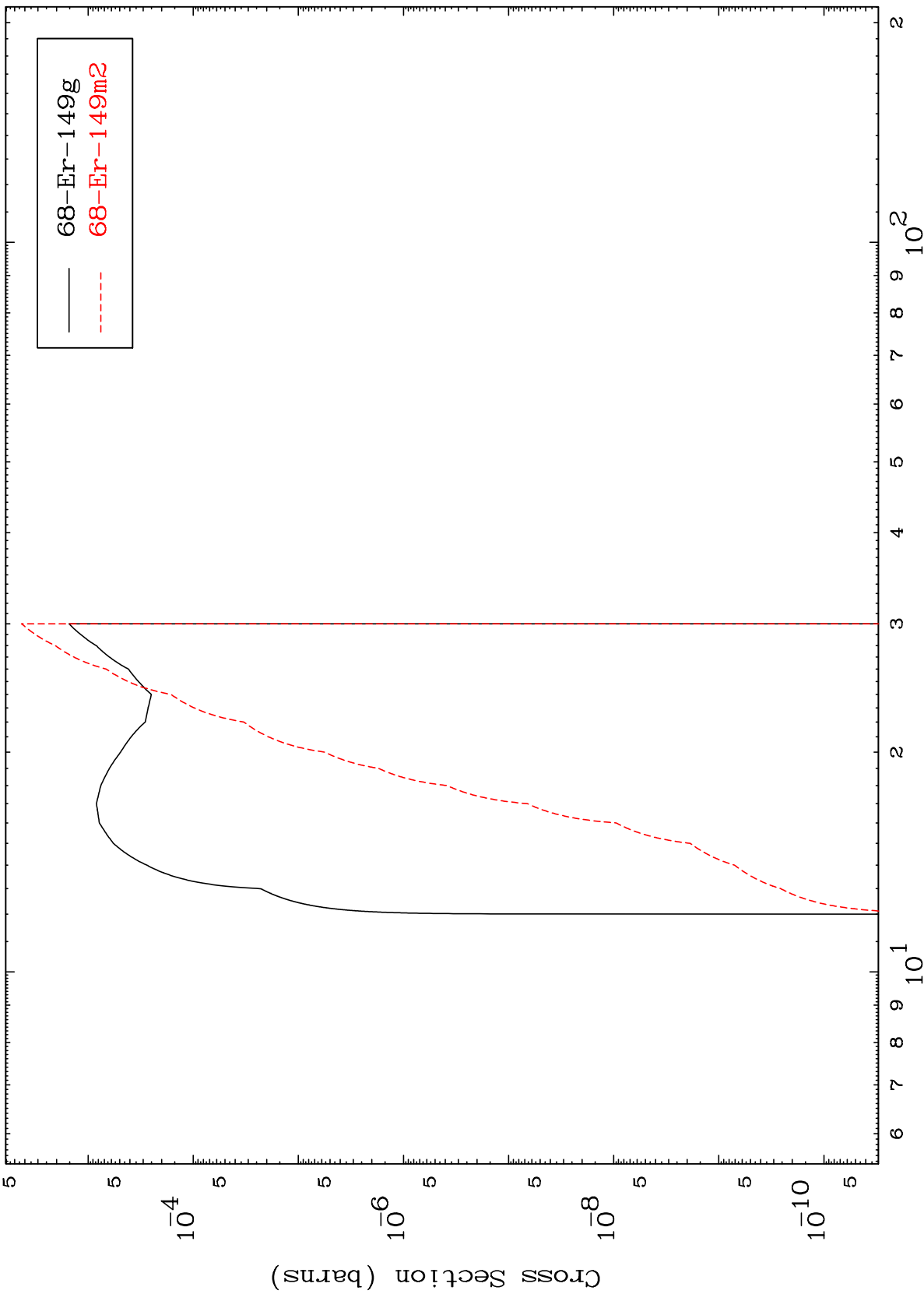
69-Tm-153

MAT 6877

(n,2n) α

69-Tm-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

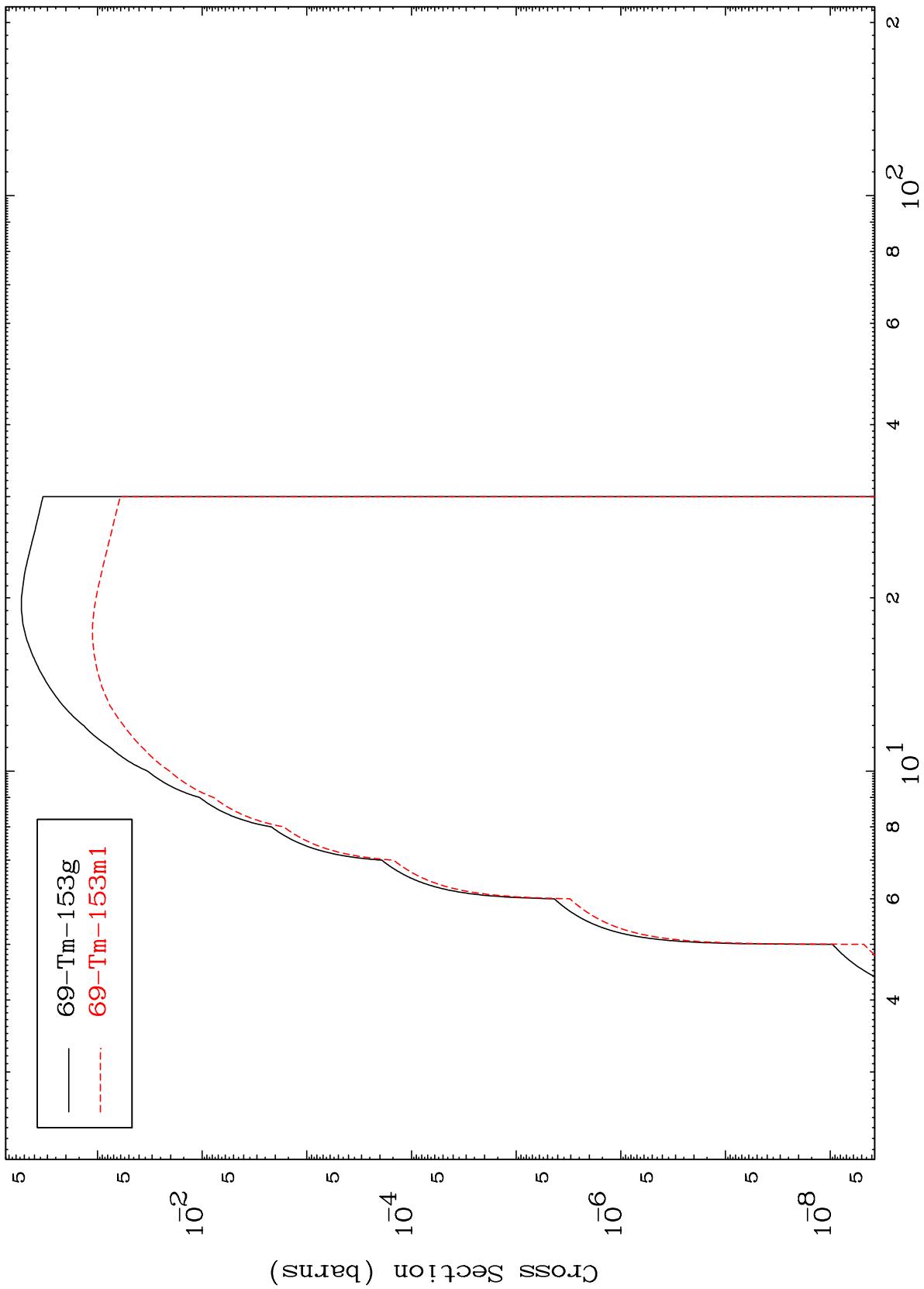
69-Tm-153

MAT 6877

(n,n') p

69-Tm-153

Radionuclide Production Cross Section

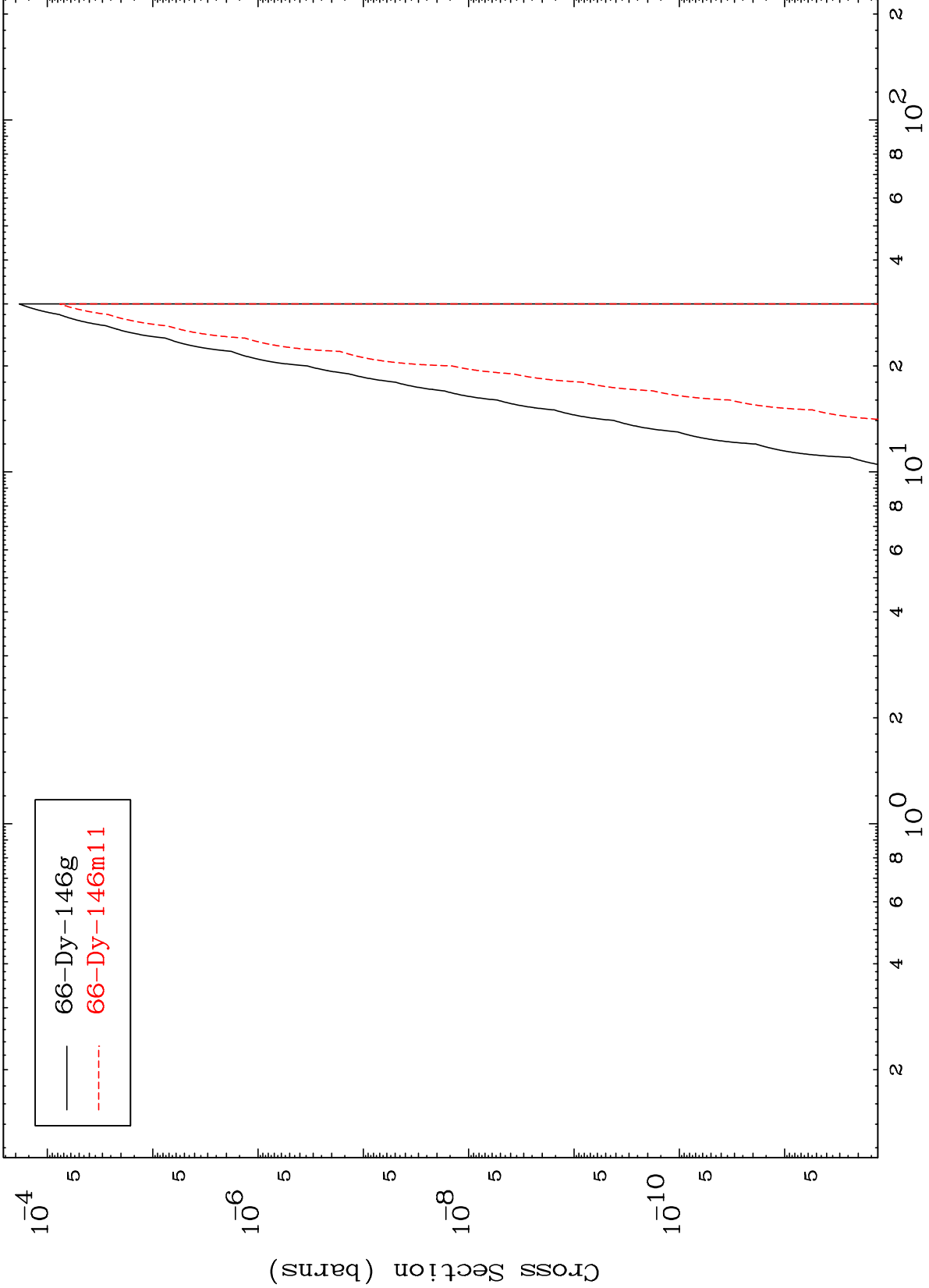


MAT 6877

(n,n') 2α

69-Tm-153

Radionuclide Production Cross Section



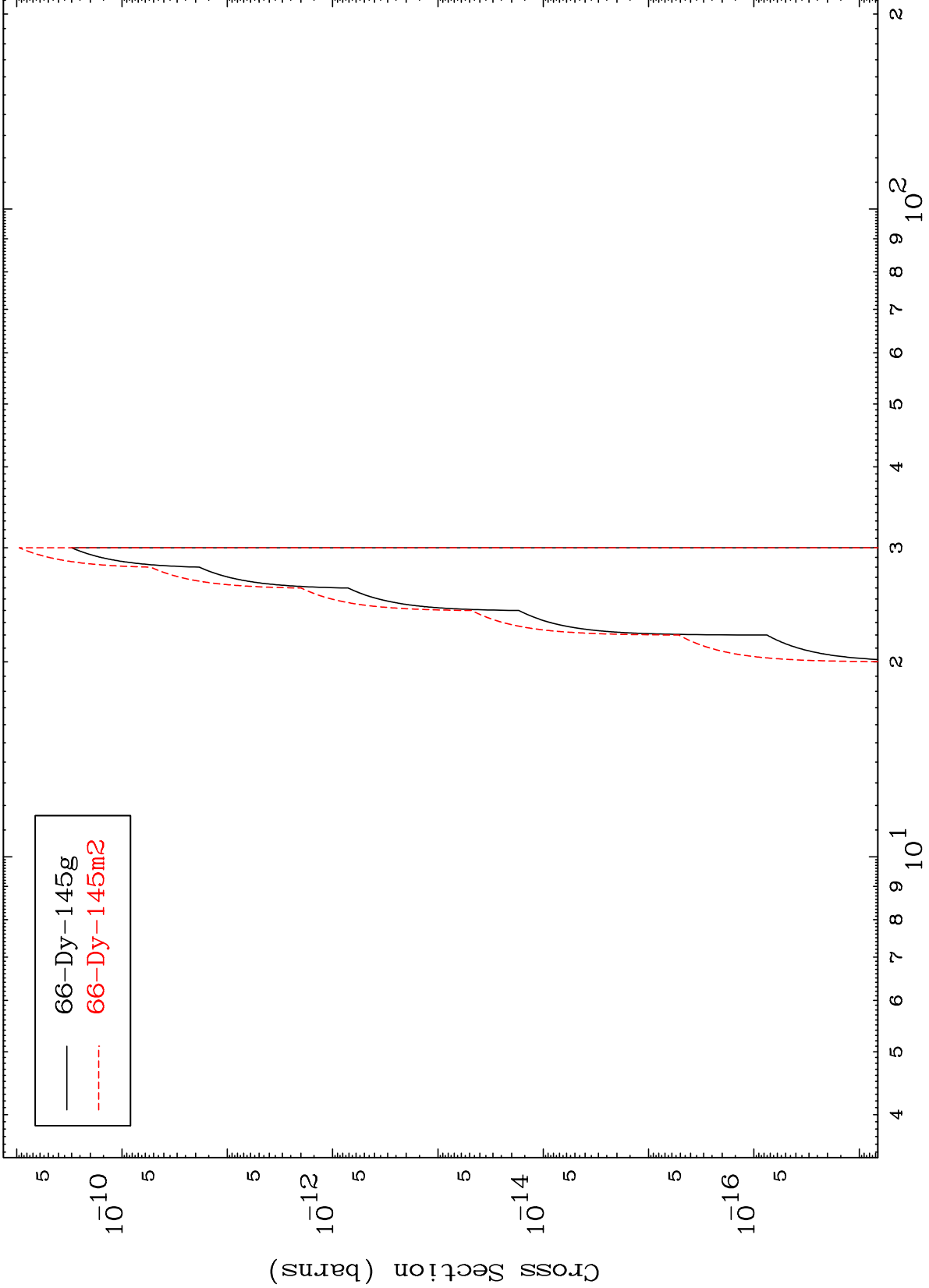
66-Dy-146g
66-Dy-146m11

MAT 6877

$(n,2n) 2\alpha$

69-Tm-153

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

17

Incident Energy (MeV)

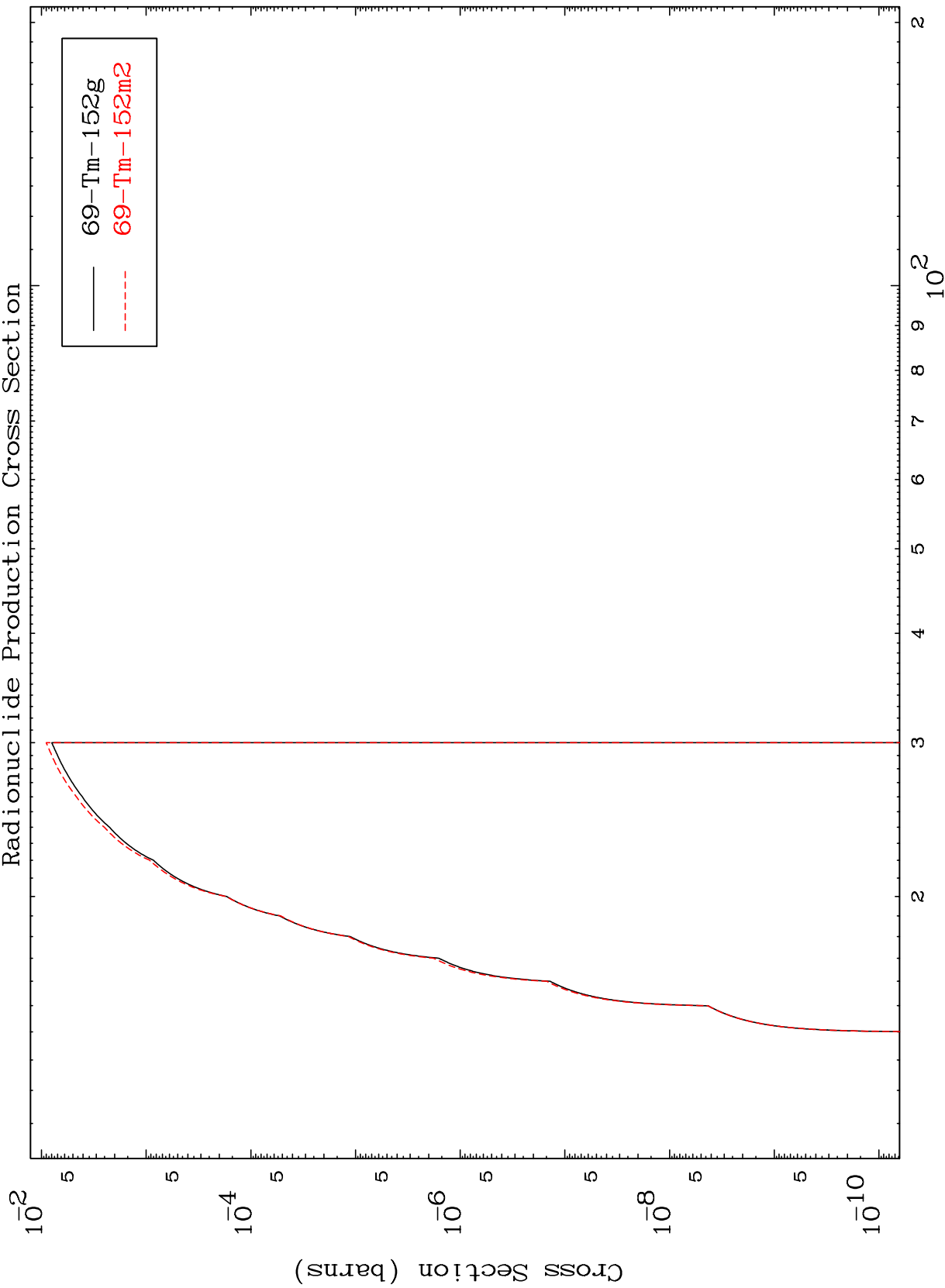
69-Tm-153

MAT 6877

(n,n') d

69-Tm-153

Radionuclide Production Cross Section



18

Incident Energy (MeV)

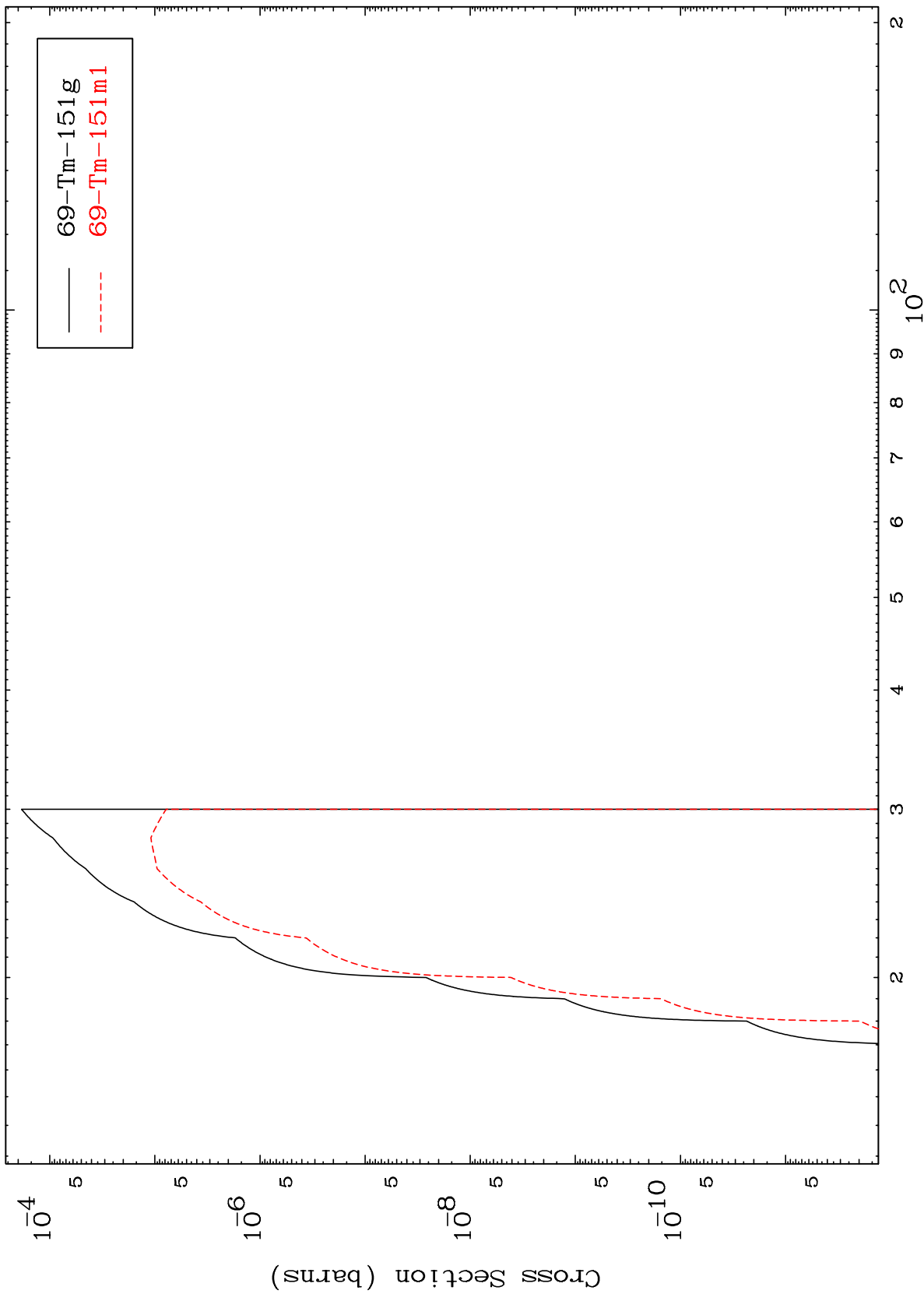
69-Tm-153

MAT 6877

(n,n') t

69-Tm-153

Radionuclide Production Cross Section



19

Incident Energy (MeV)

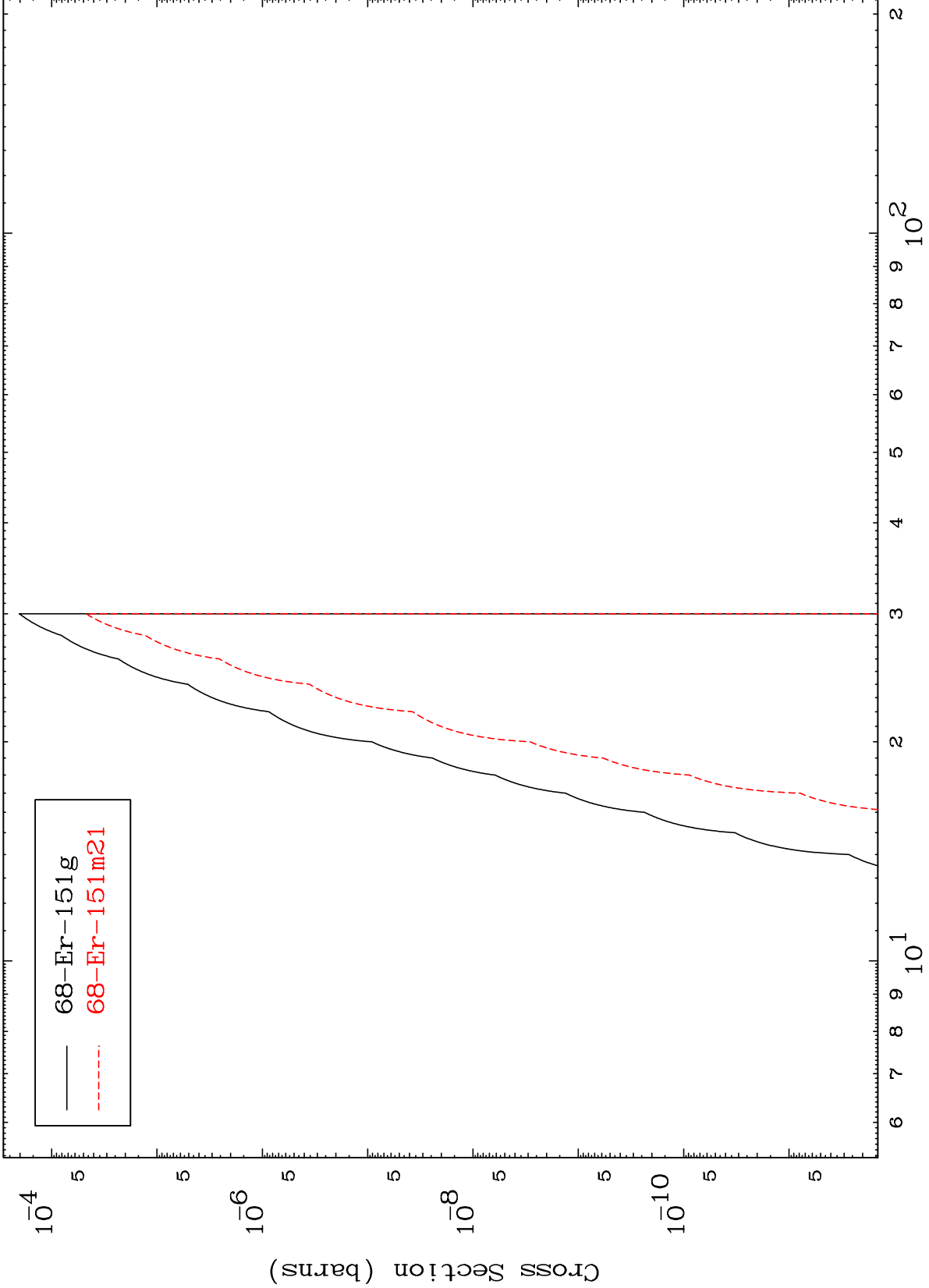
69-Tm-153

MAT 6877

(n,n') He-3

69-Tm-153

Radionuclide Production Cross Section



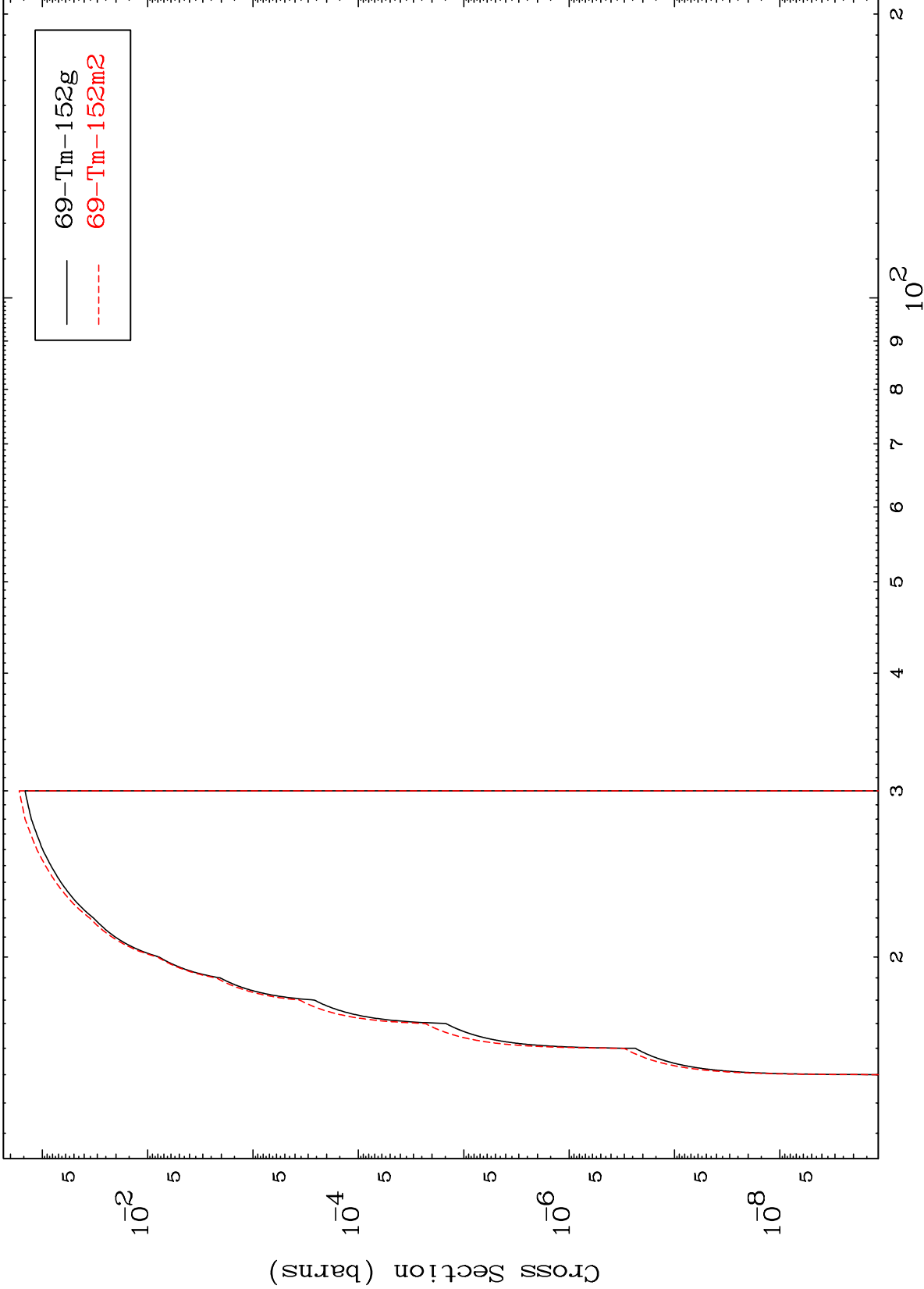
68-Er-151g
68-Er-151m21

20

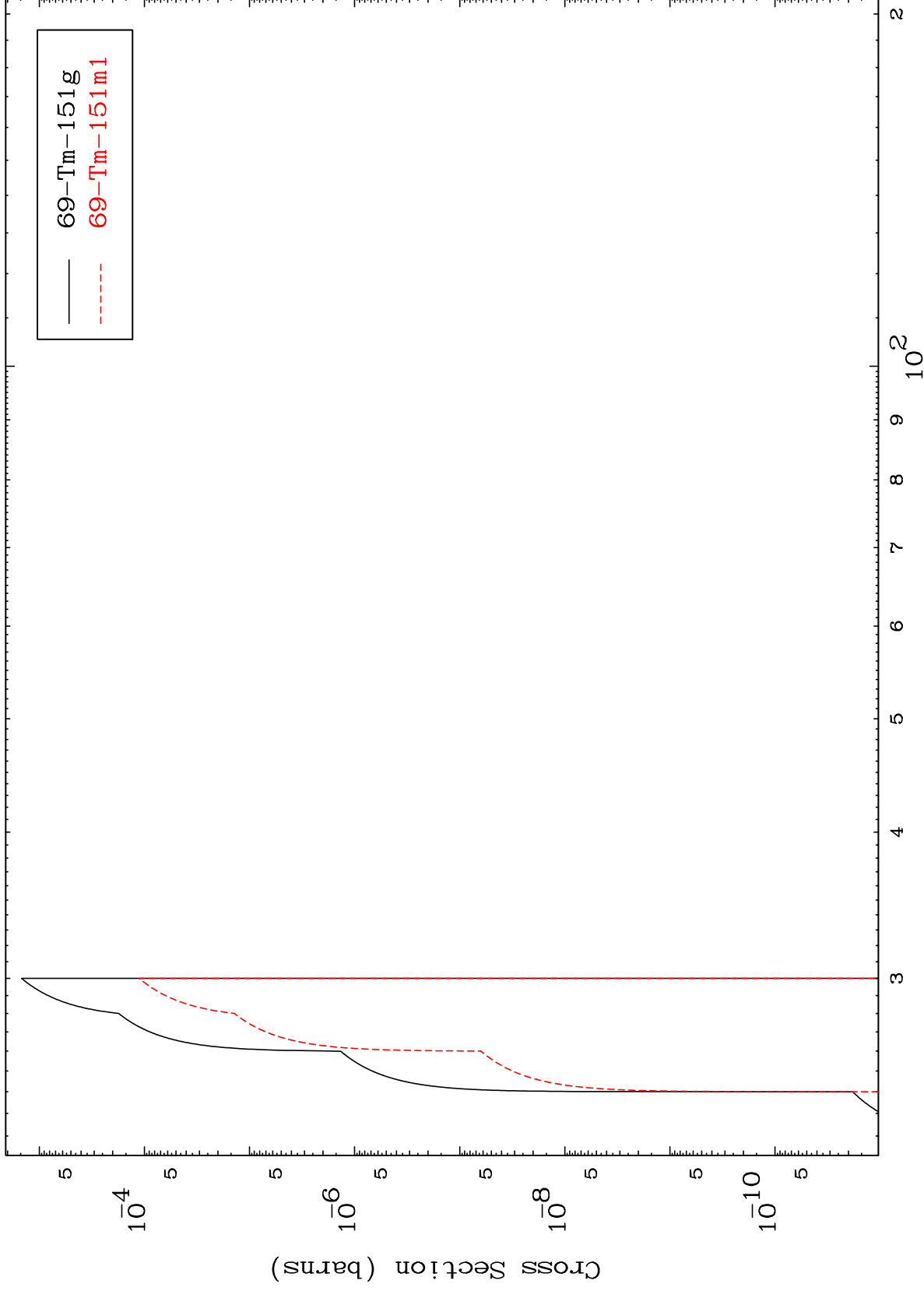
Incident Energy (MeV)

69-Tm-153

Radionuclide Production Cross Section



Radionuclide Production Cross Section



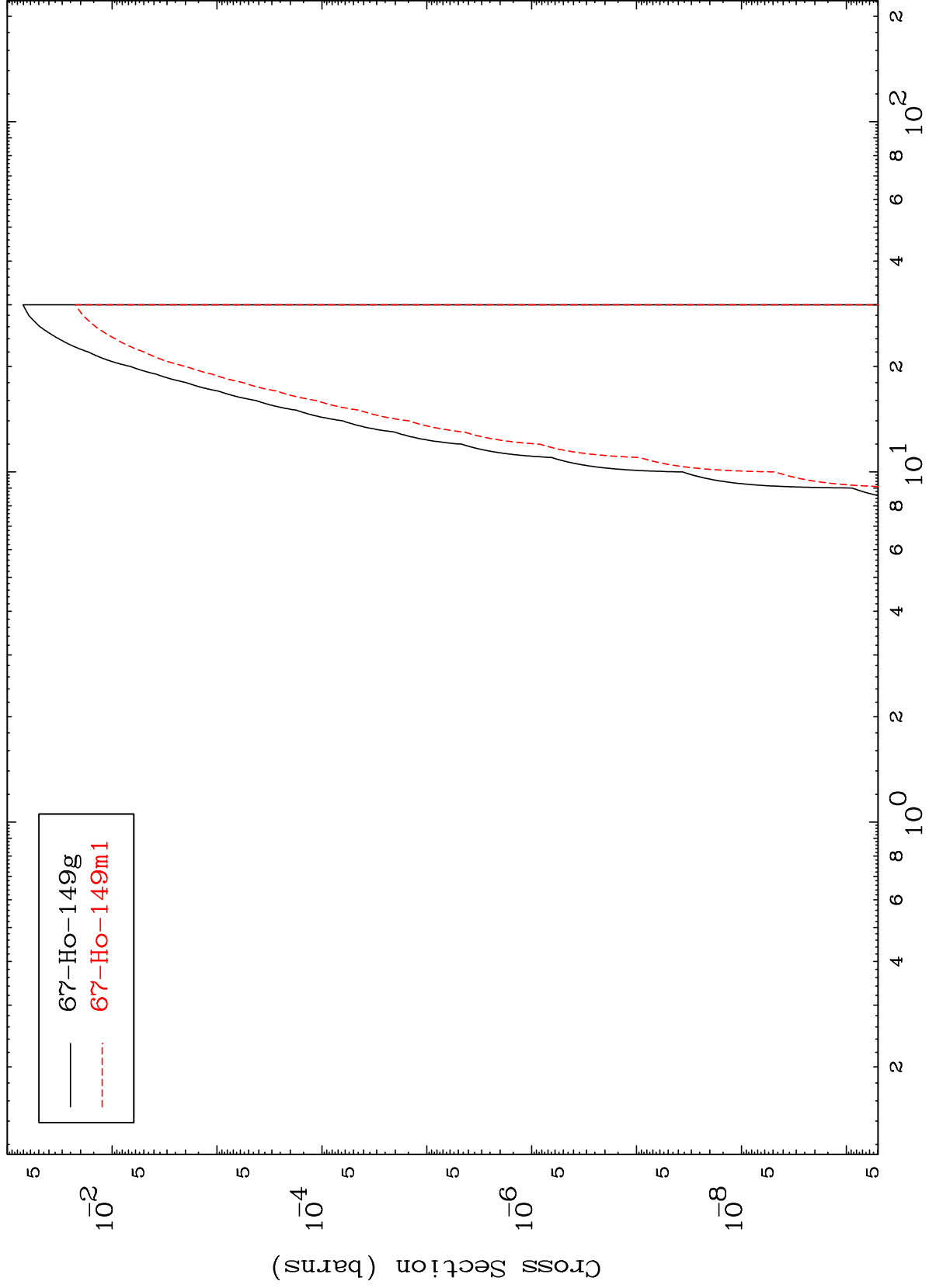
69-Tm-151g
69-Tm-151m1

MAT 6877

(n,n') p α

69-Tm-153

Radionuclide Production Cross Section



23

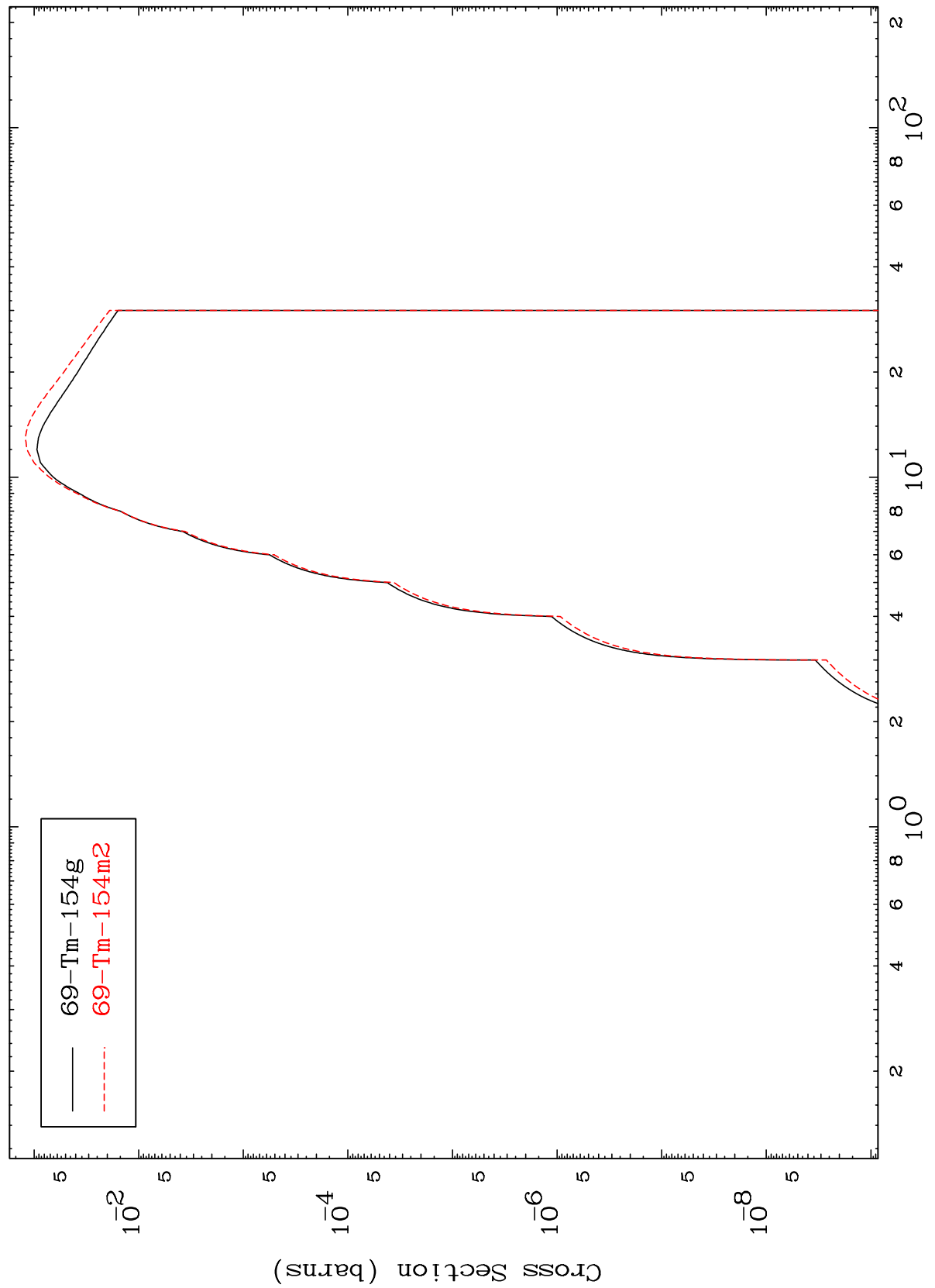
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

(n,p)
Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

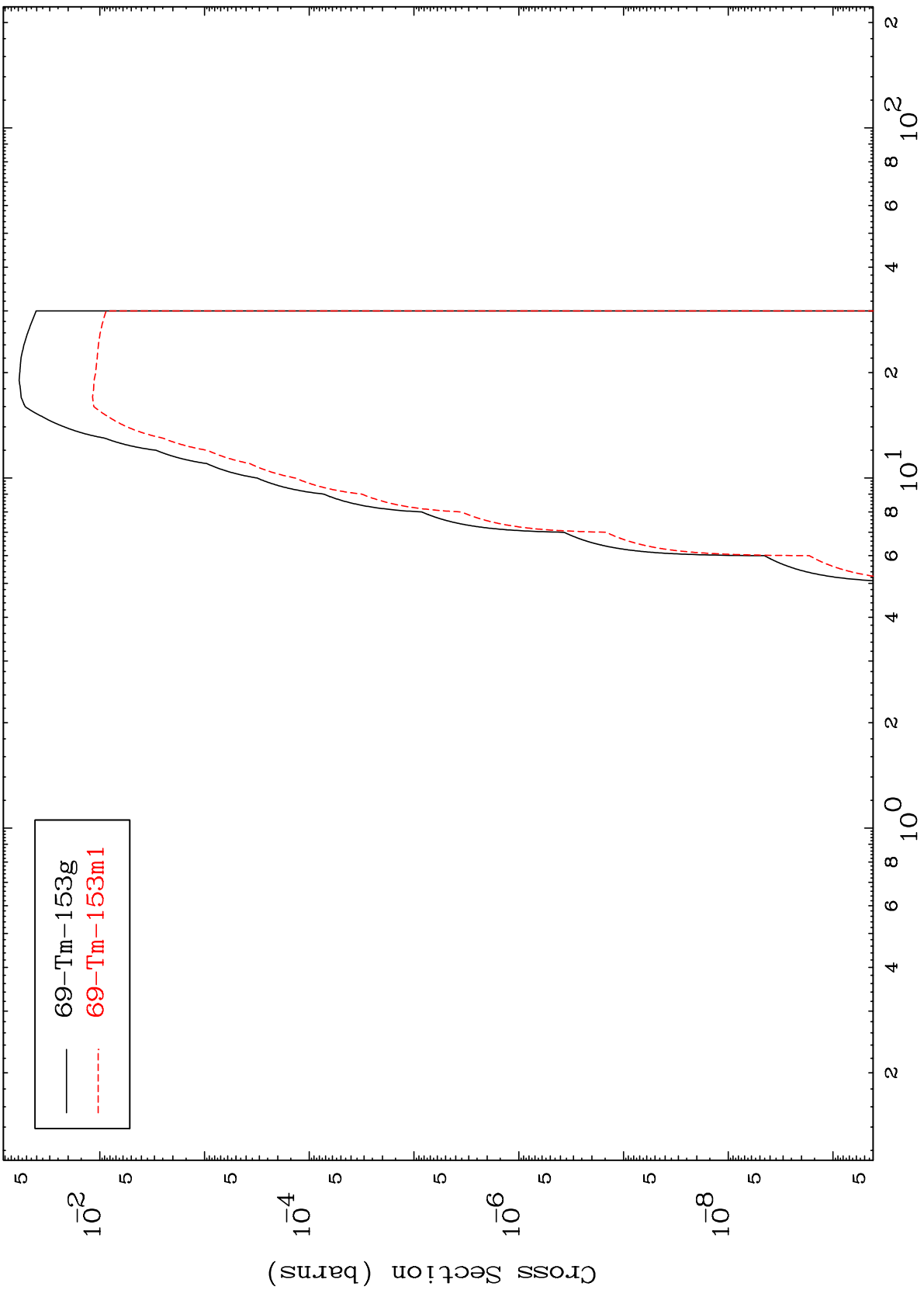
24

MAT 6877

(n, d)

69-Tm-153

Radionuclide Production Cross Section

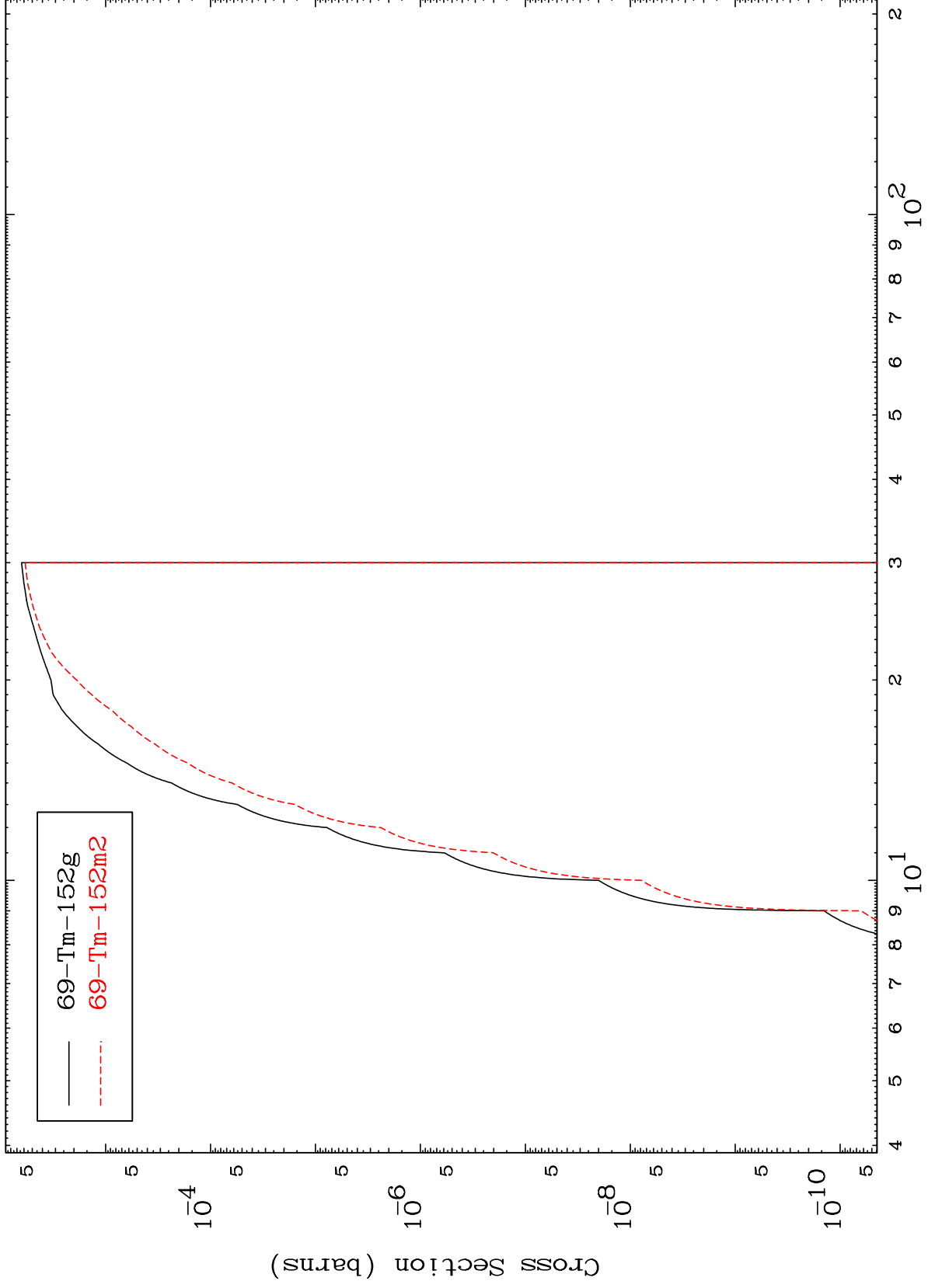


69-Tm-153g
69-Tm-153m1

MAT 6877

69-Tm-153

(n, t)
Radionuclide Production Cross Section



26

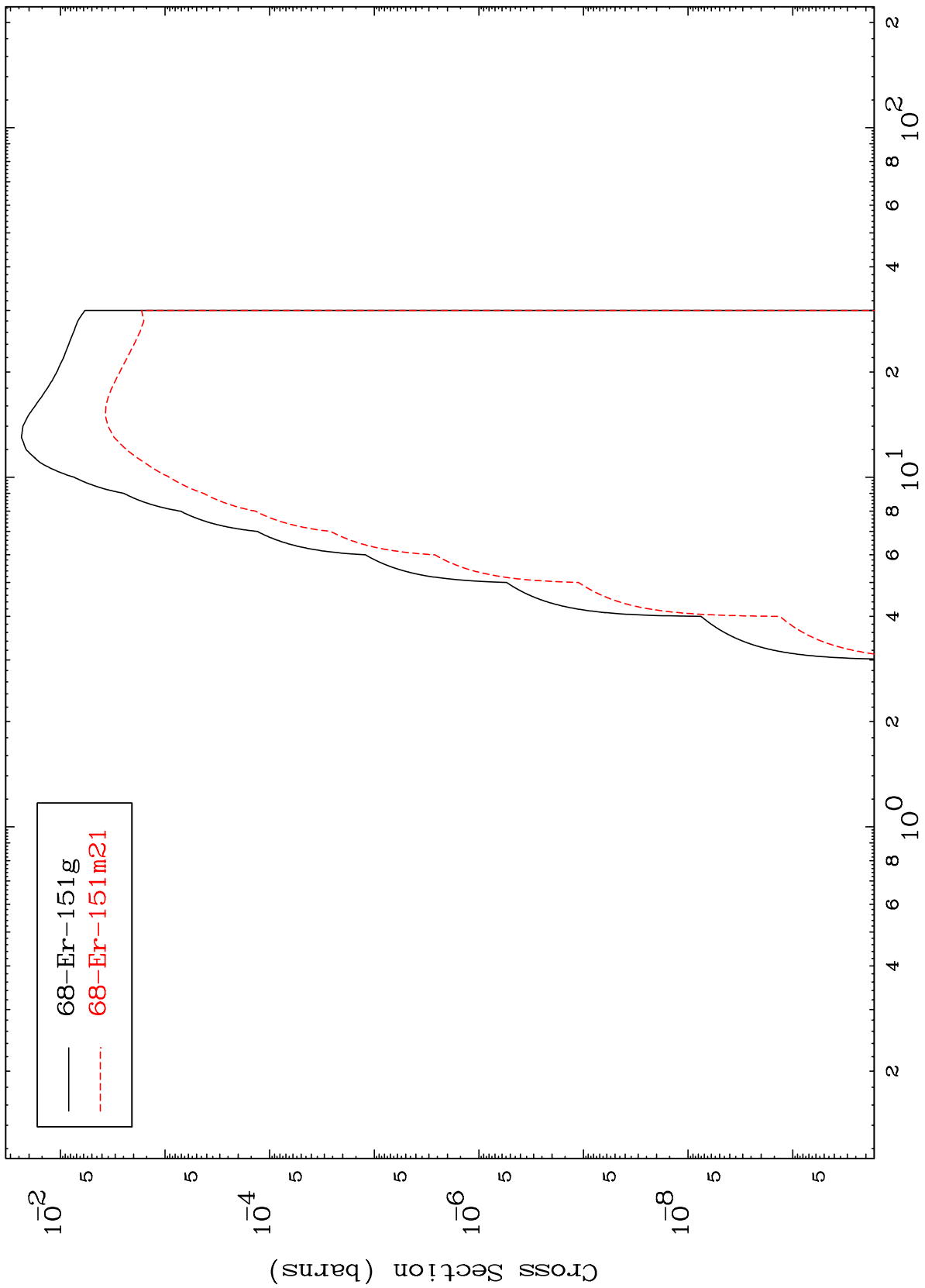
Incident Energy (MeV)

69-Tm-153

MAT 6877

69-Tm-153

Radionuclide Production Cross Section
(n, α)



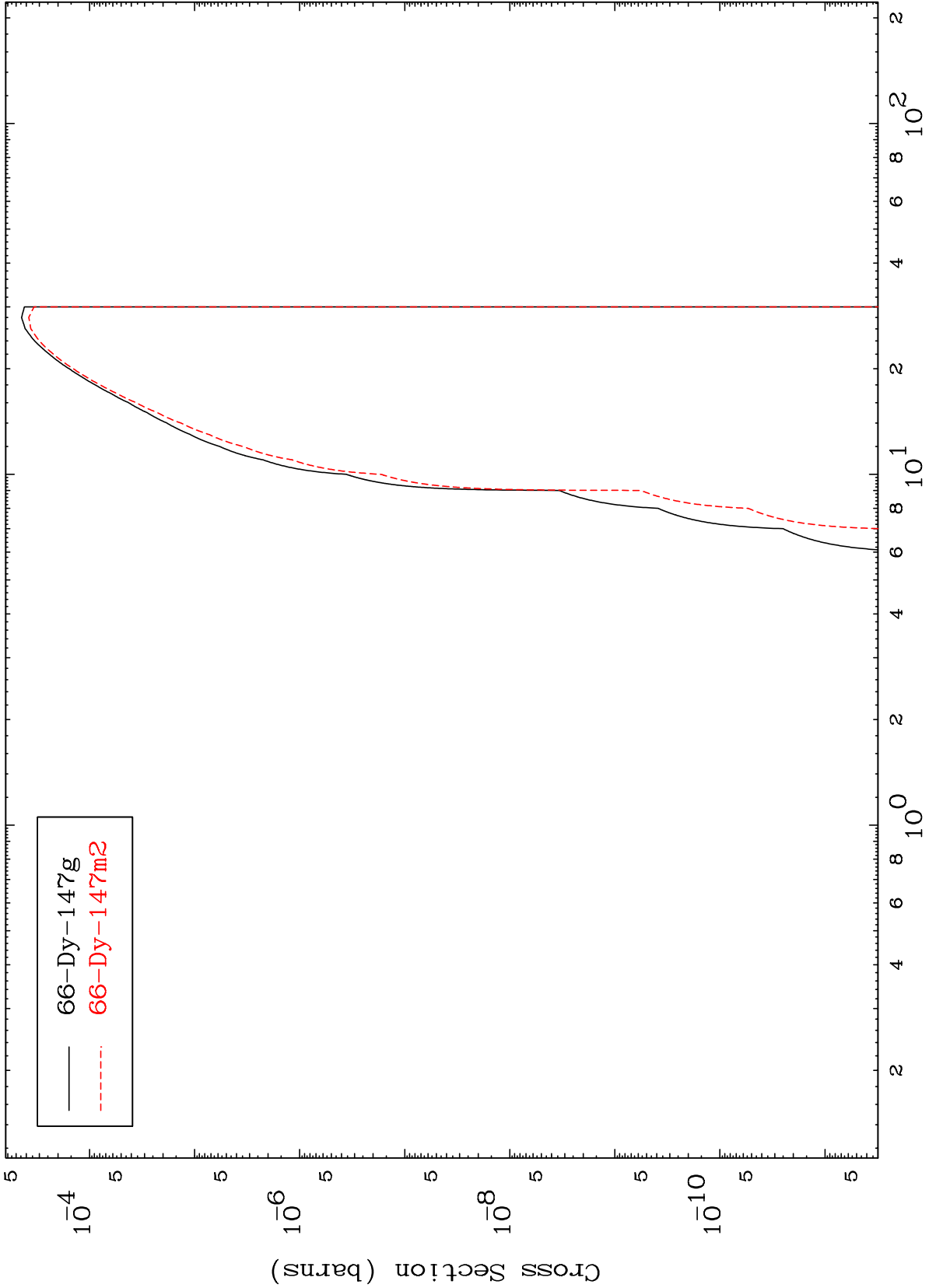
68-Er-151g
68-Er-151m21

MAT 6877

(n,2α)

69-Tm-153

Radionuclide Production Cross Section

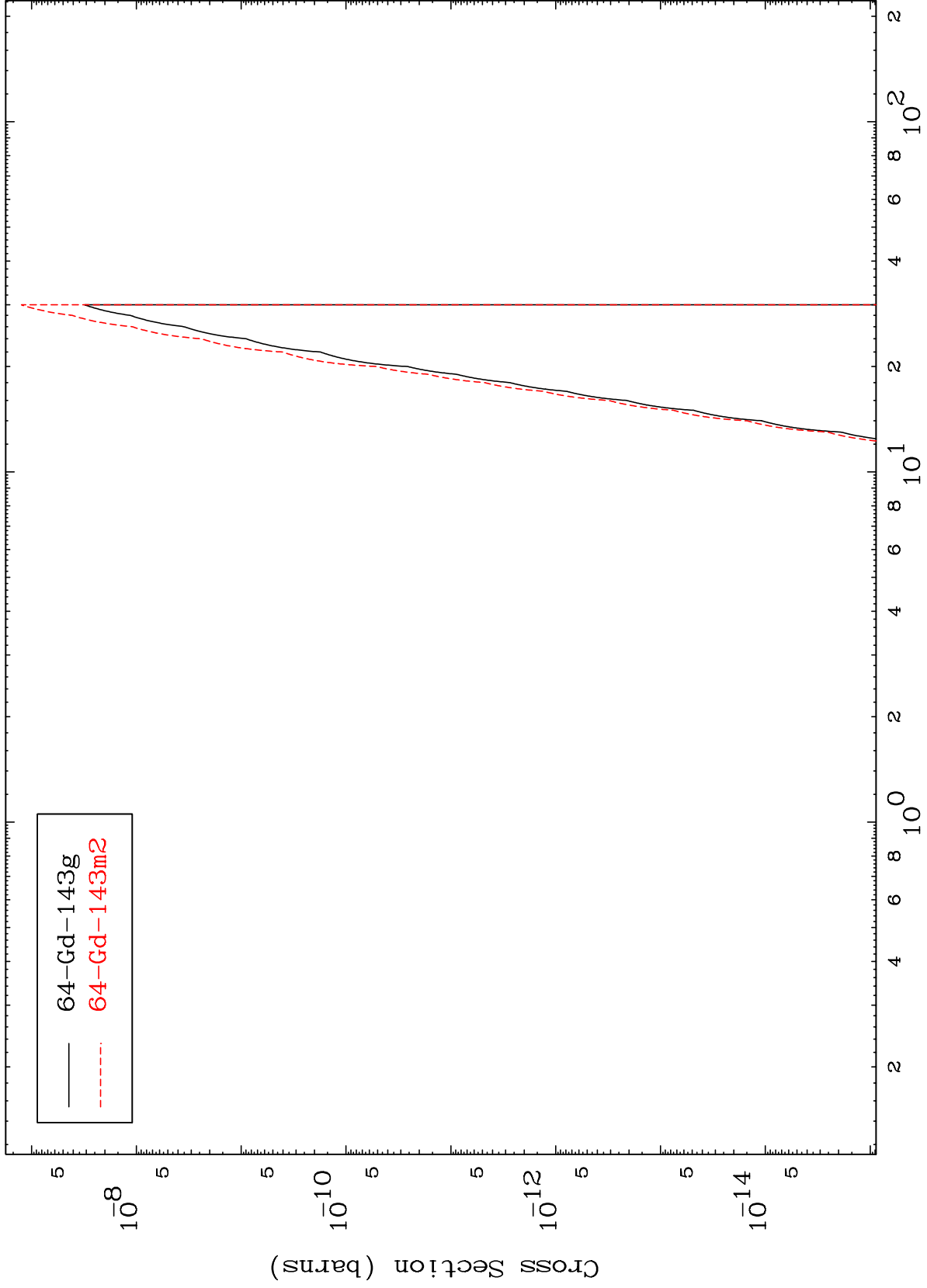


MAT 6877

(n, 3α)

69-Tm-153

Radionuclide Production Cross Section



29

Incident Energy (MeV)

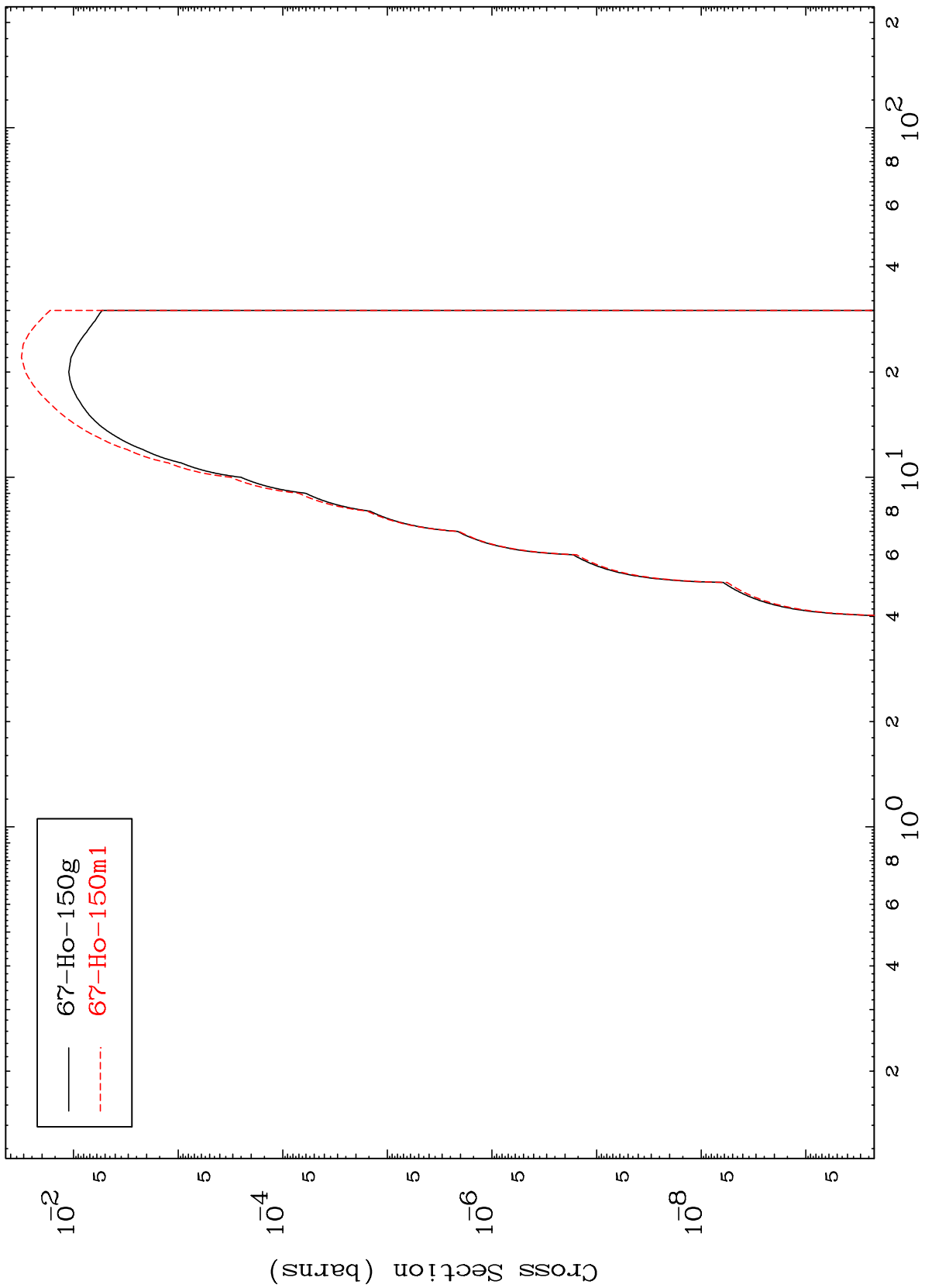
69-Tm-153

MAT 6877

(n,p) α

69-Tm-153

Radionuclide Production Cross Section



67-Ho-150g
67-Ho-150m1

Incident Energy (MeV)

69-Tm-153

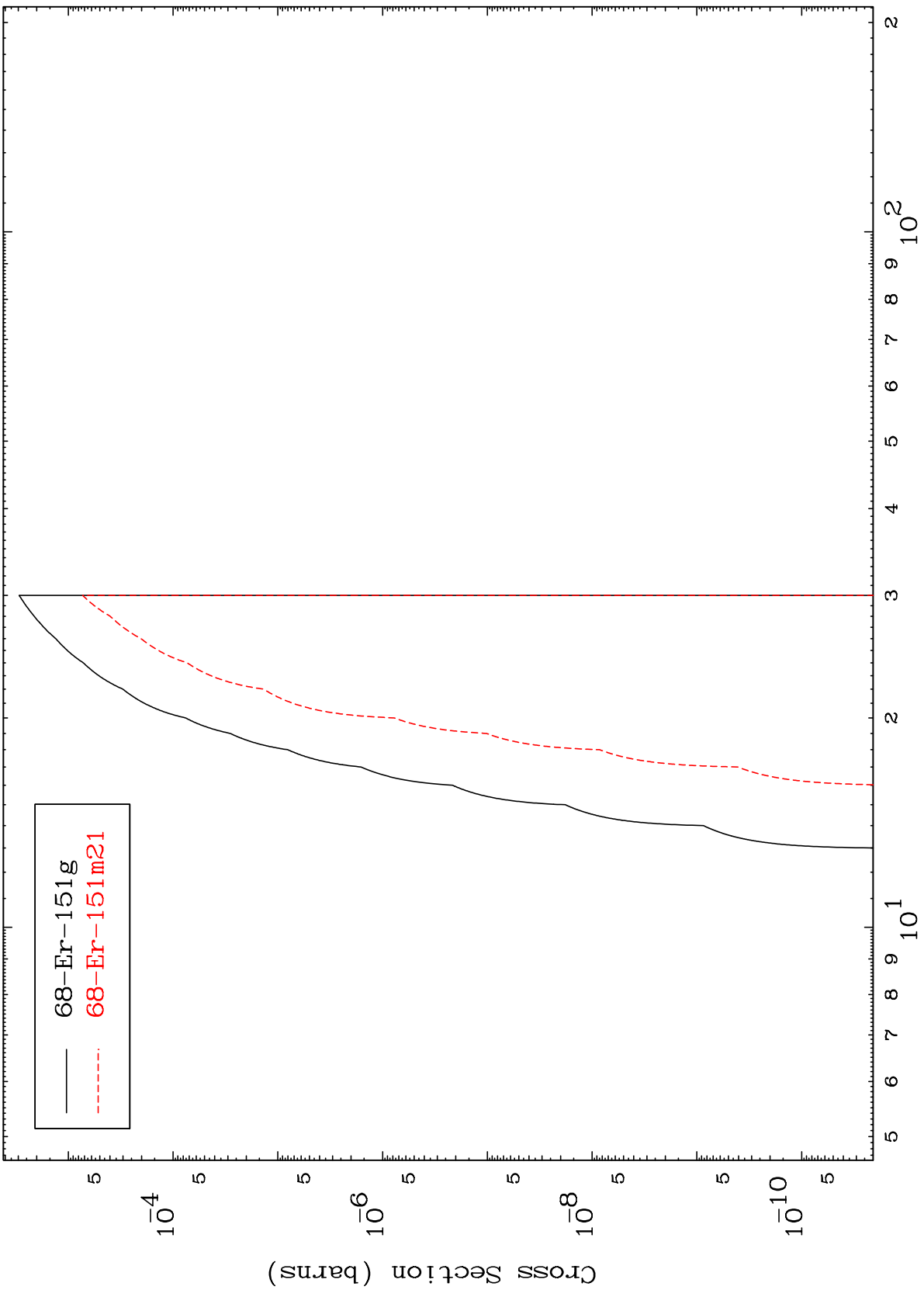
30

MAT 6877

(n,p) t

69-Tm-153

Radionuclide Production Cross Section



31

Incident Energy (MeV)

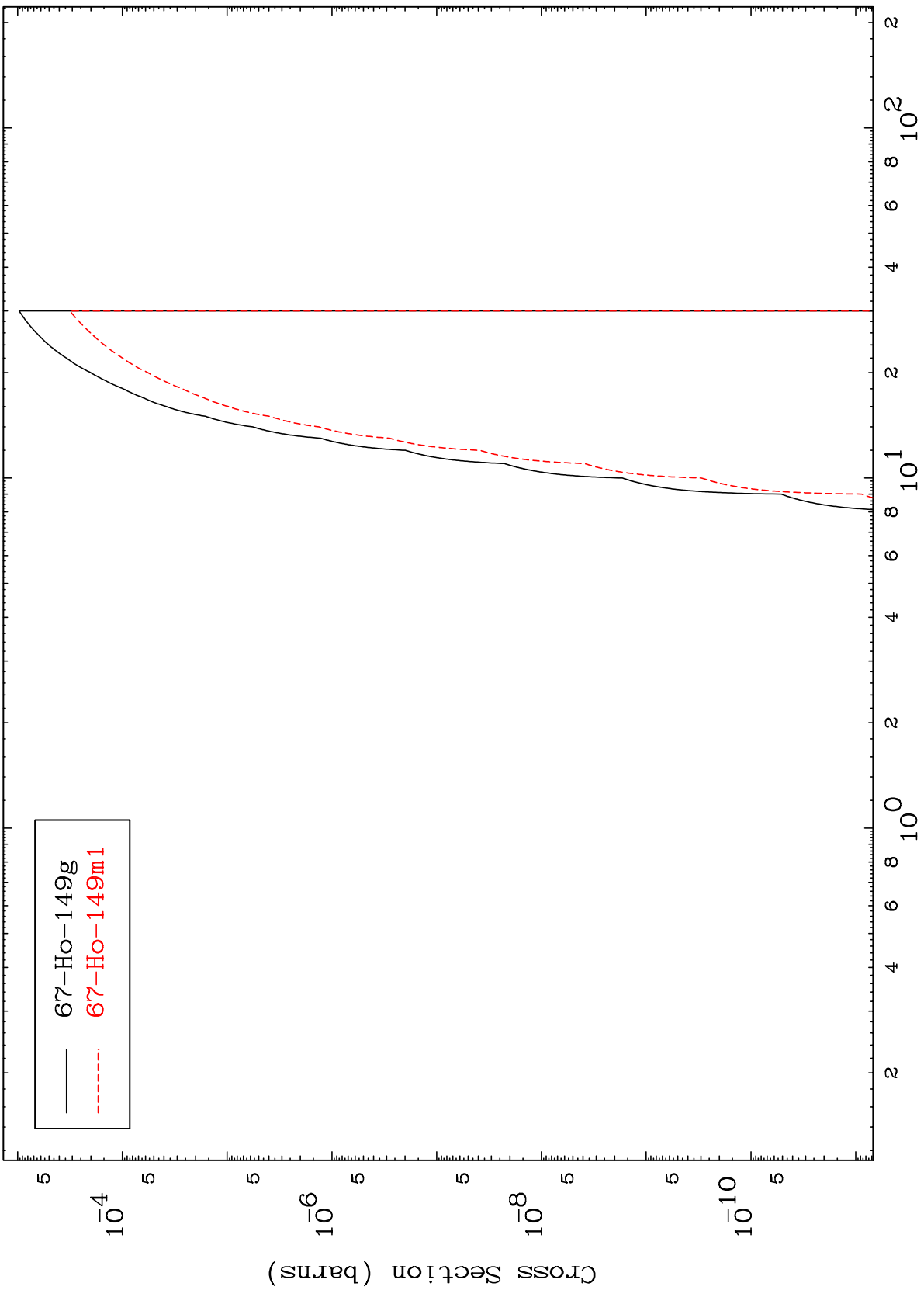
69-Tm-153

MAT 6877

(n,d) α

69-Tm-153

Radionuclide Production Cross Section



32

Incident Energy (MeV)

69-Tm-153