

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

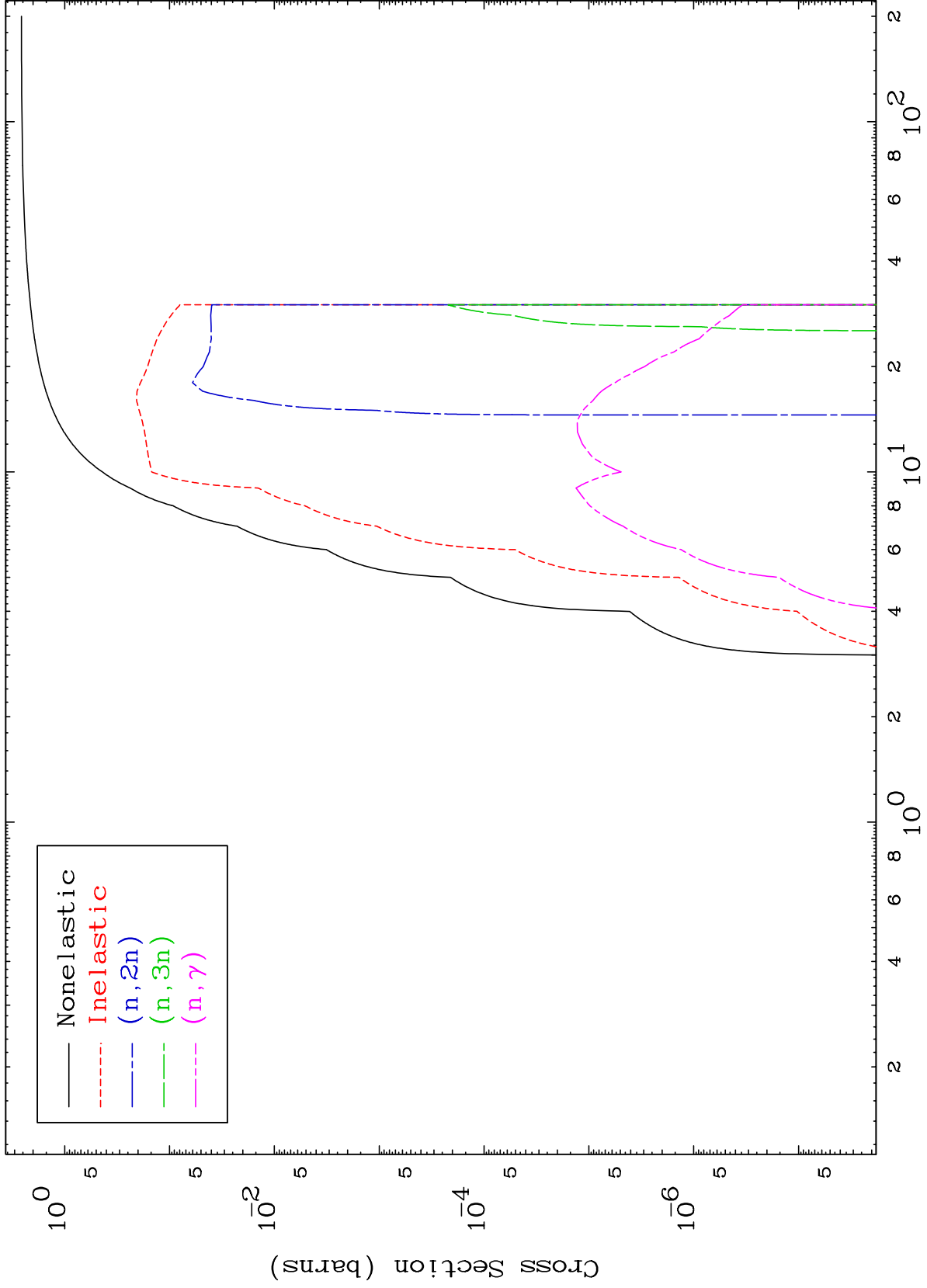
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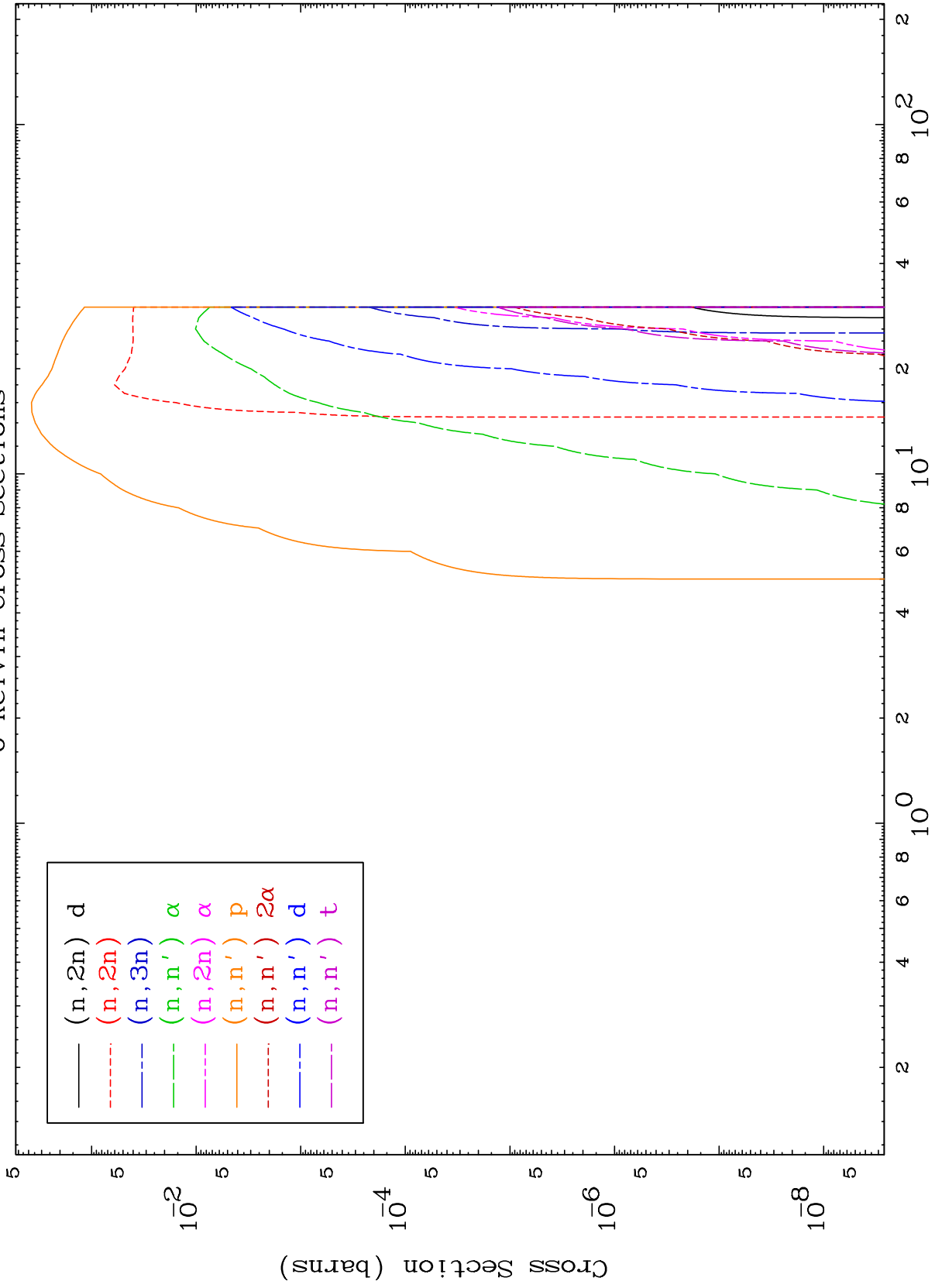
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

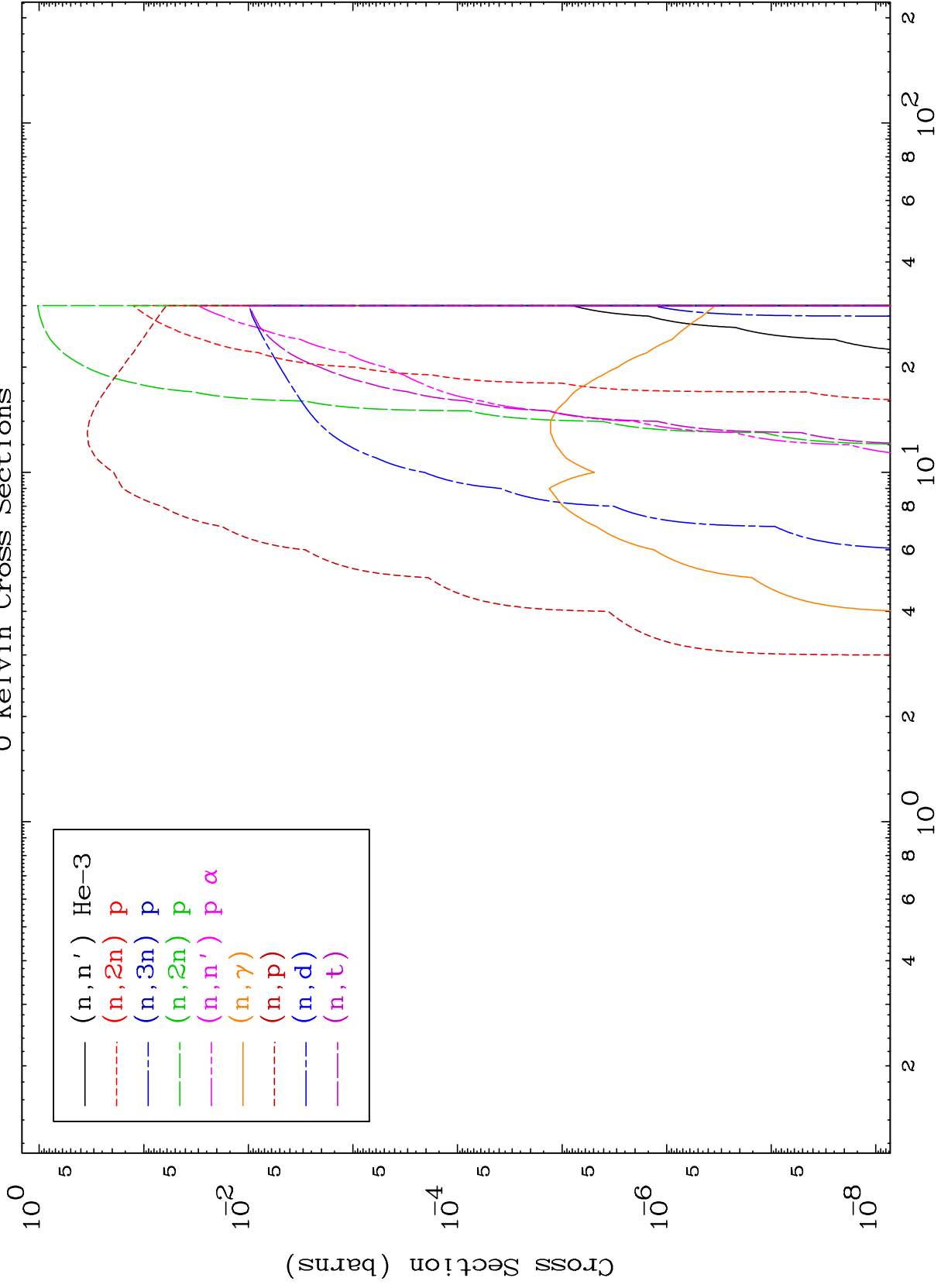
Press Mouse Button to Start

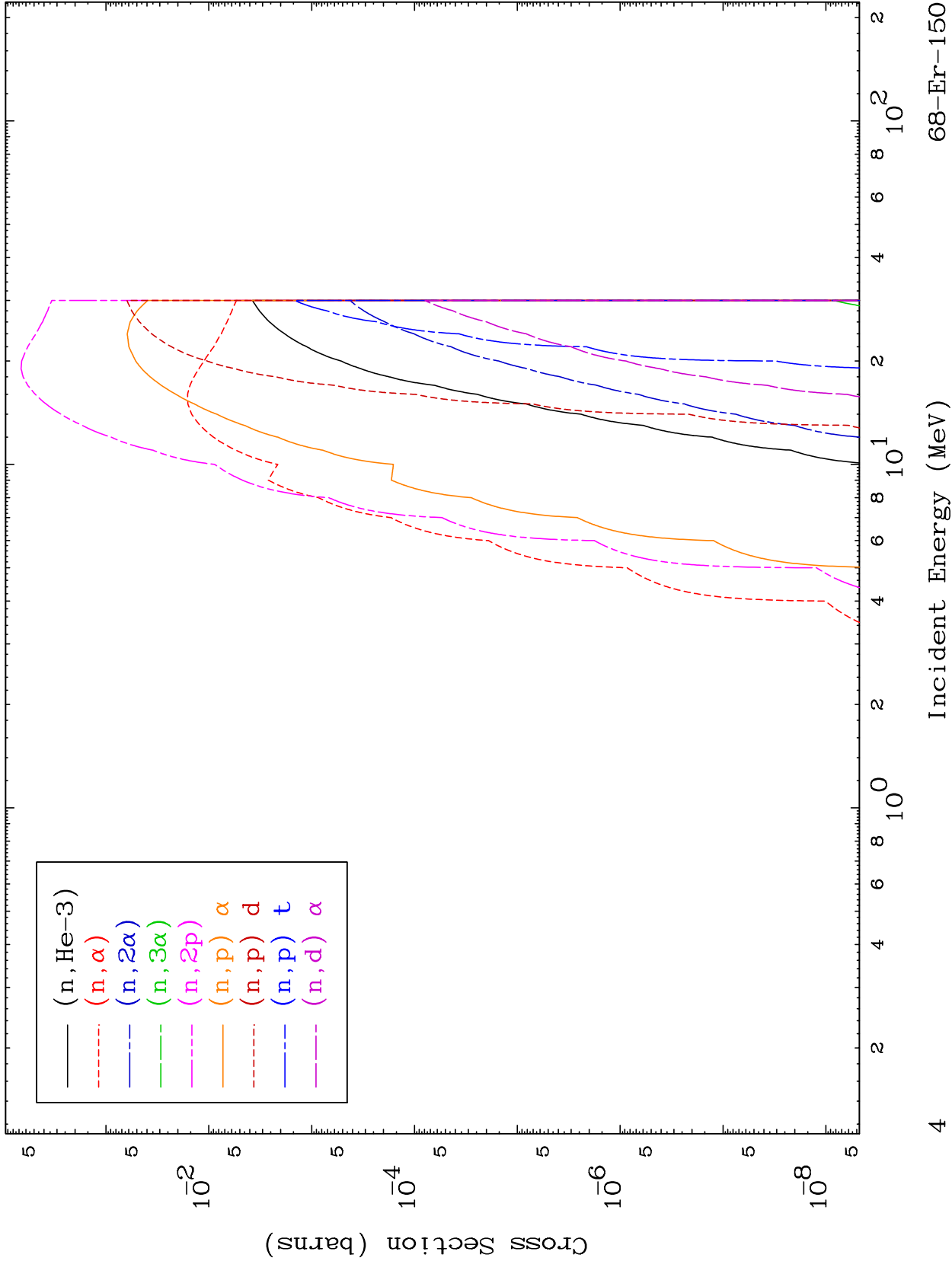


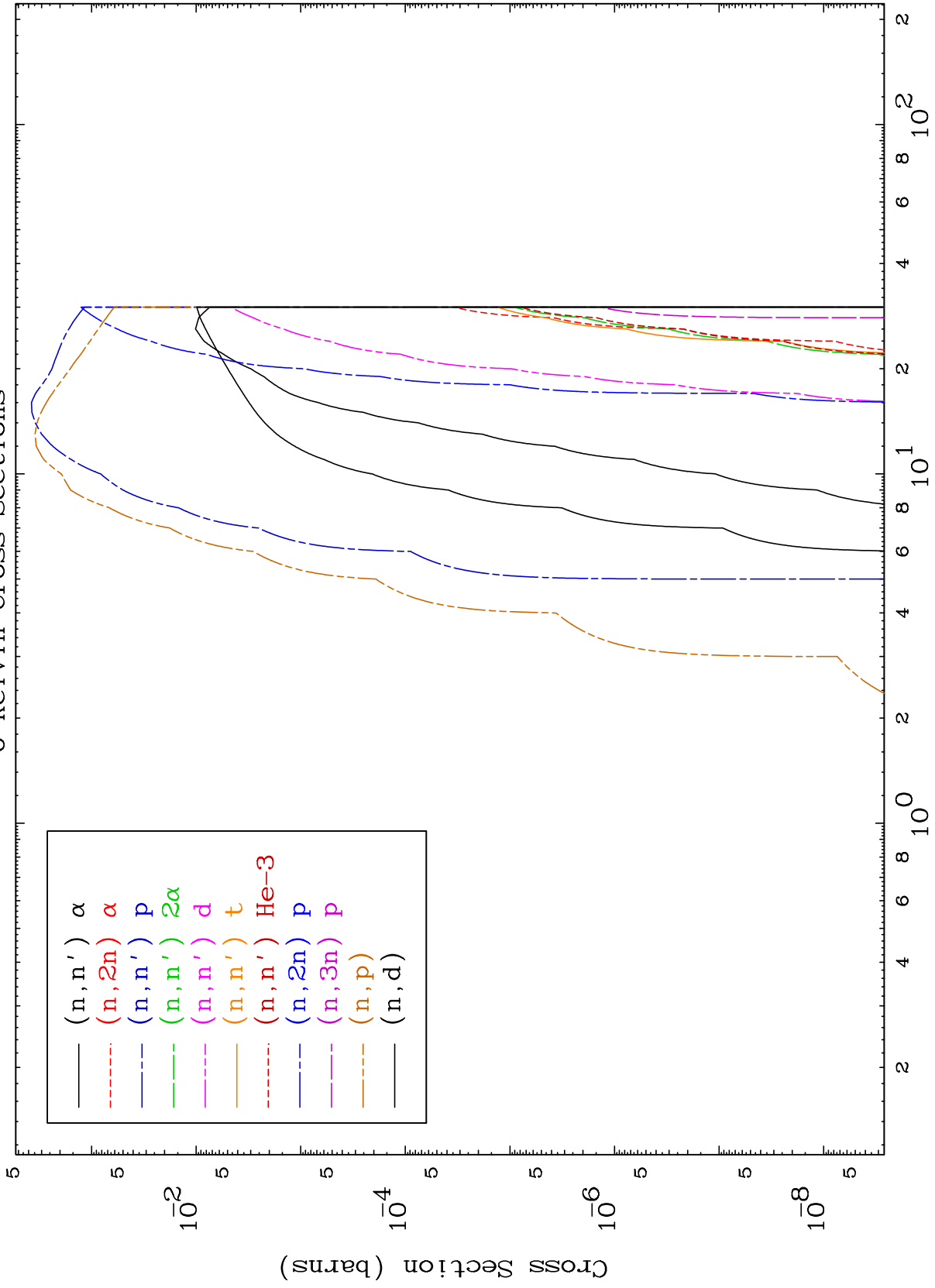
Deuteron Neutron Absorption
0 Kelvin Cross Sections

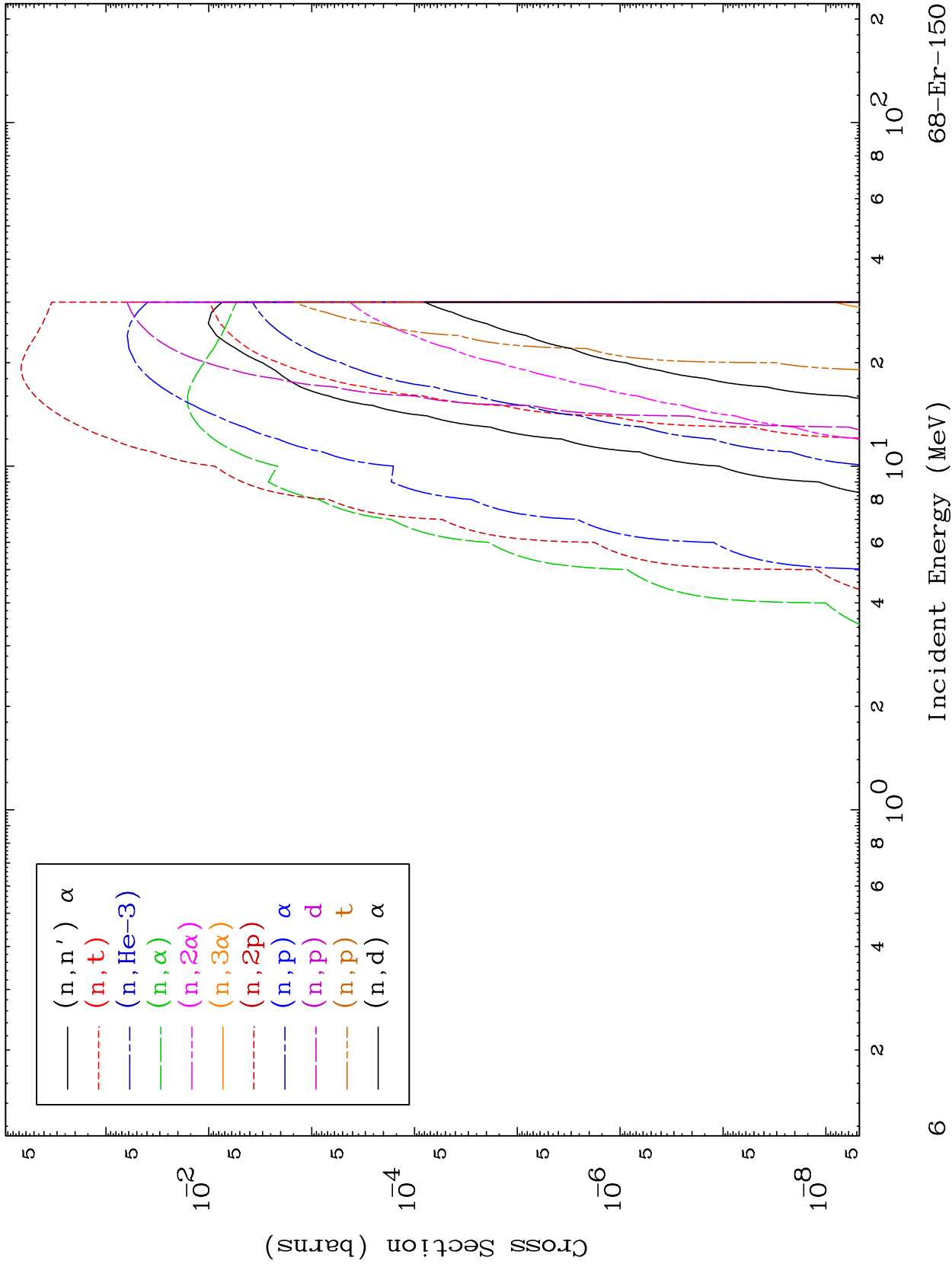


Incident Energy (MeV)







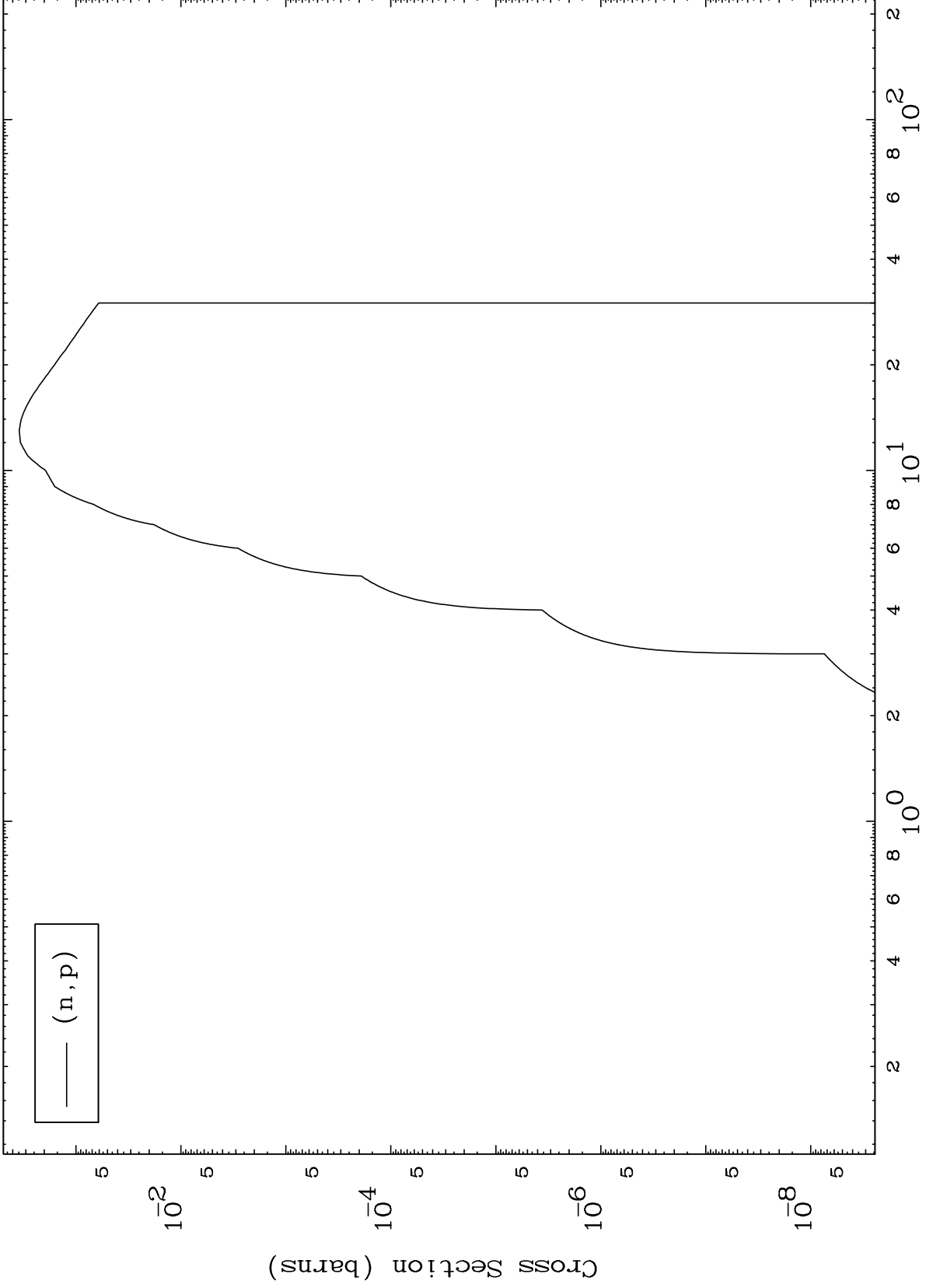


MAT 6789

(d,p) Levels

68-Er-150

0 Kelvin Cross Sections

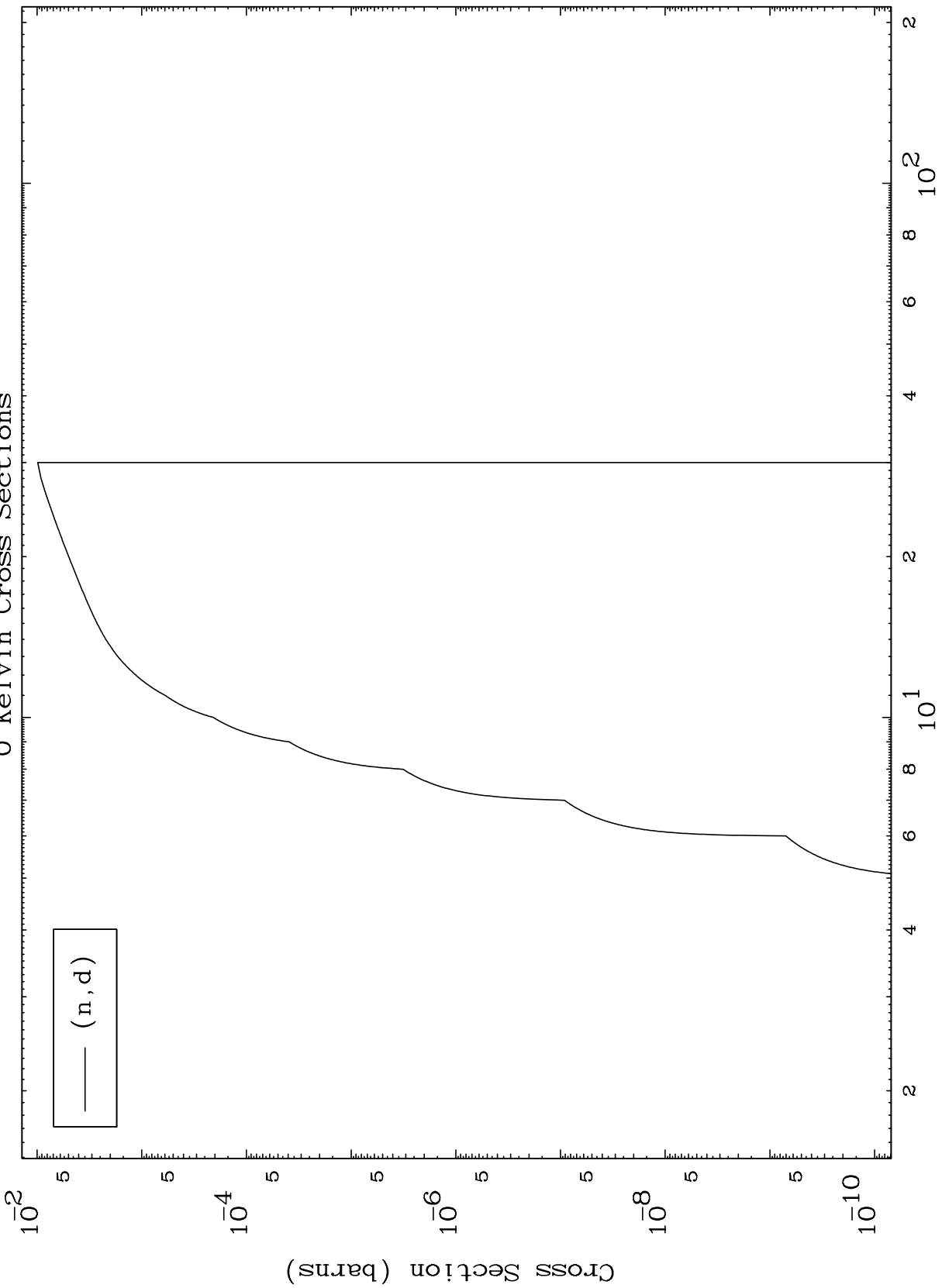


MAT 6789

(d,d) Levels

68-Er-150

0 Kelvin Cross Sections



8

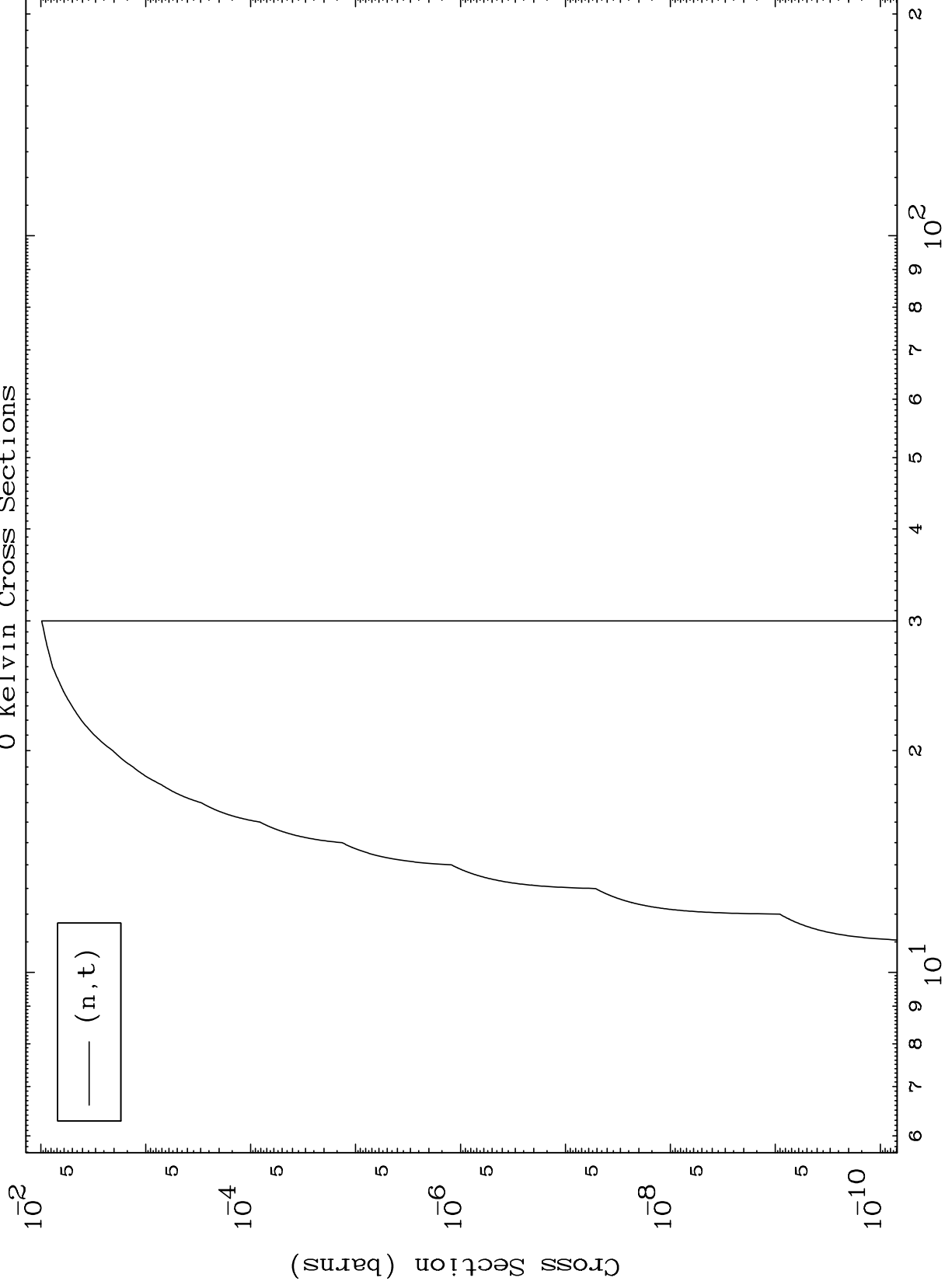
Incident Energy (MeV)

68-Er-150

MAT 6789

(d, t) Levels
0 Kelvin Cross Sections

68-Er-150



9

Incident Energy (MeV)

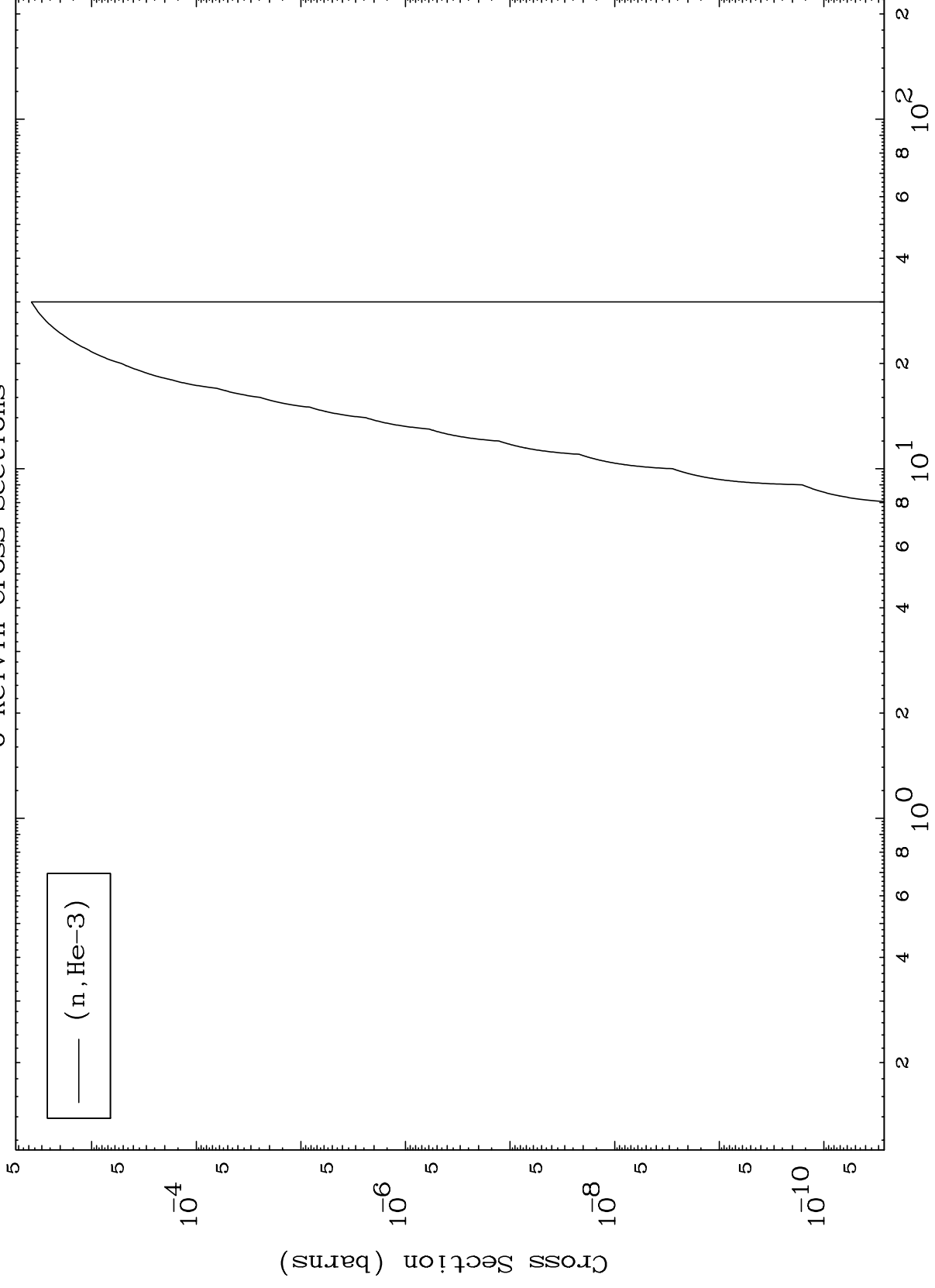
68-Er-150

MAT 6789

(d,He3) Levels

68-Er-150

0 Kelvin Cross Sections



10

Incident Energy (MeV)

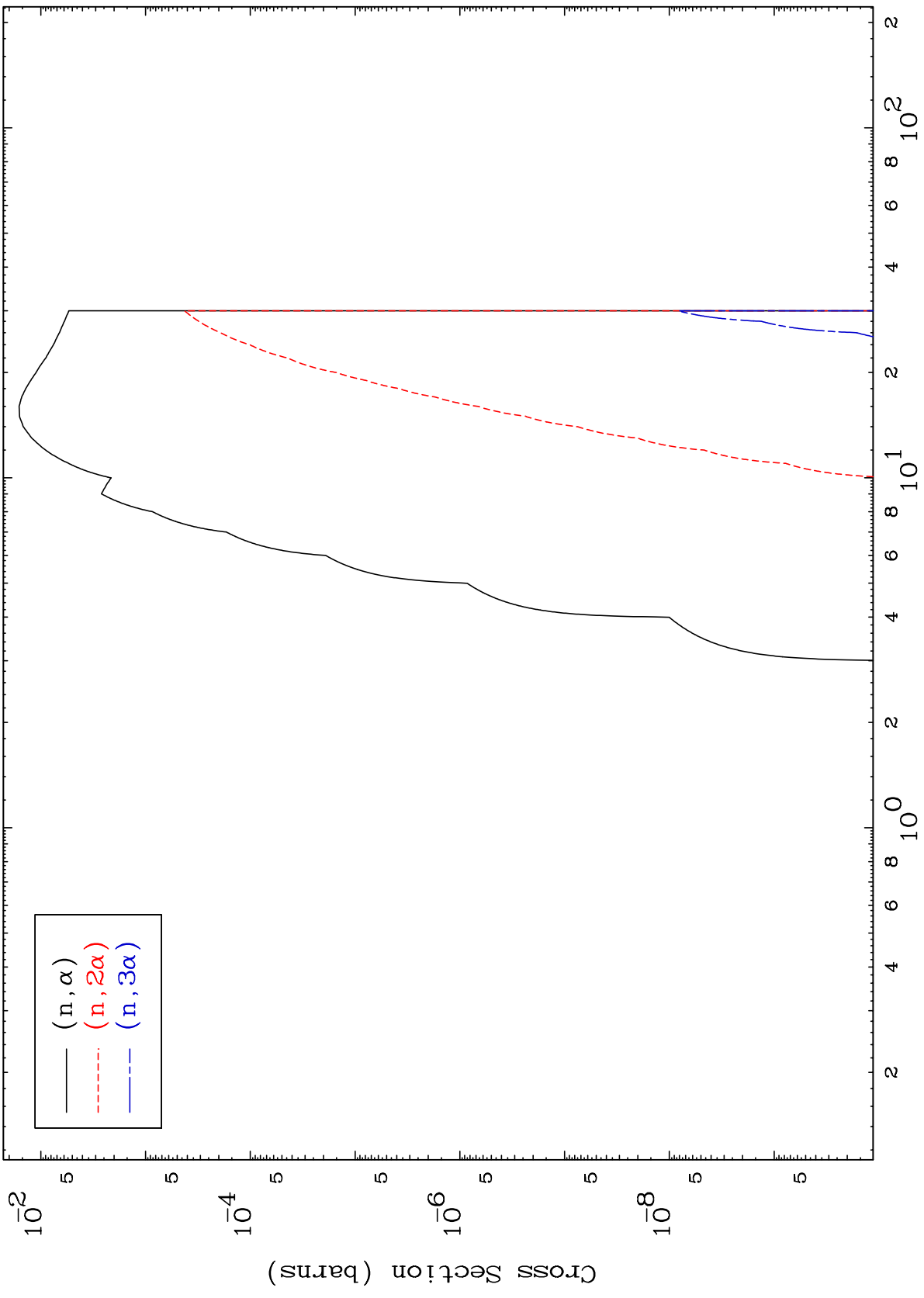
68-Er-150

MAT 6789

(d, α) Levels

68-Er-150

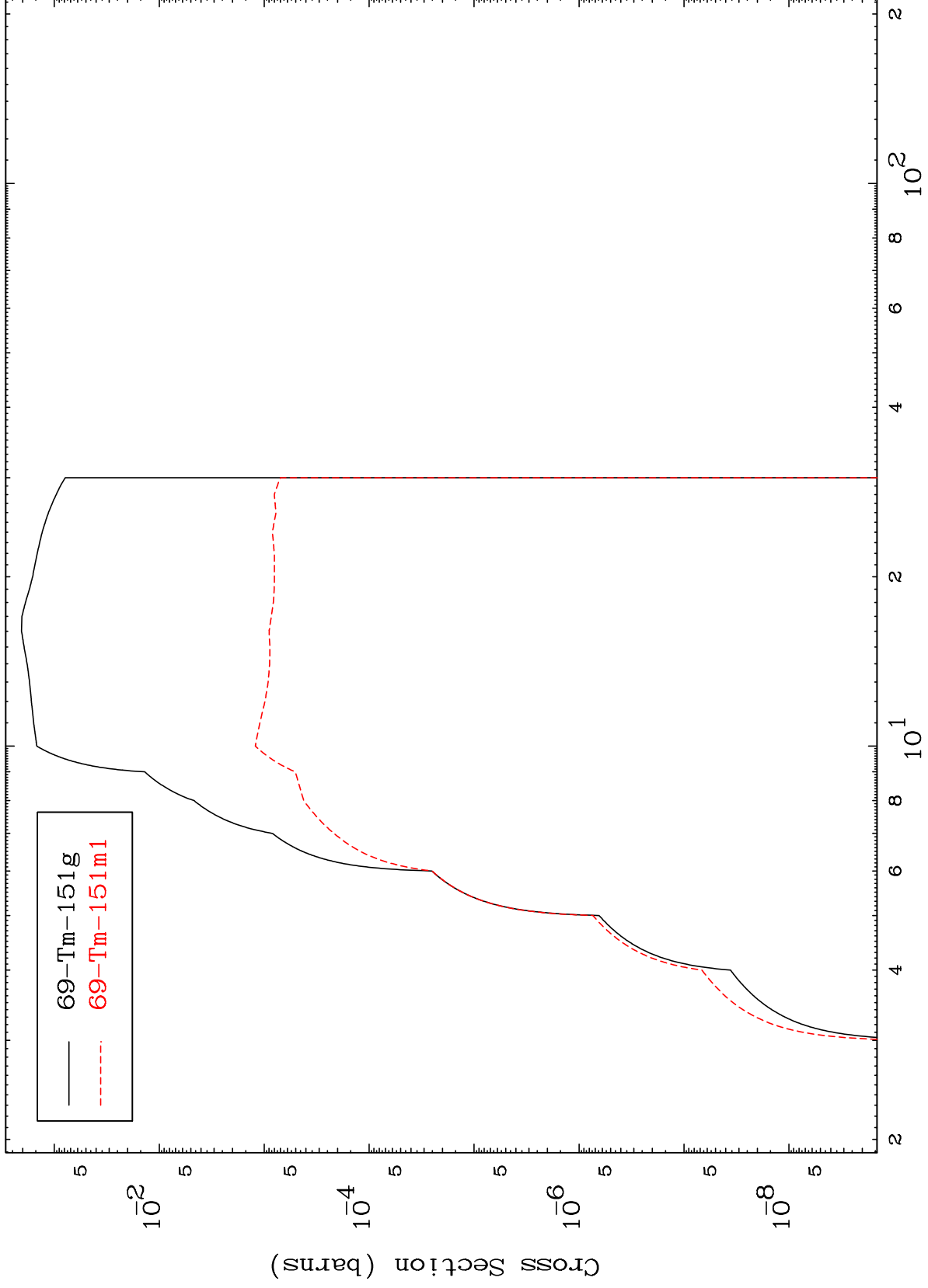
0 Kelvin Cross Sections



MAT 6789

Radionuclide Production Cross Section

68-Er-150



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

12

Incident Energy (MeV)

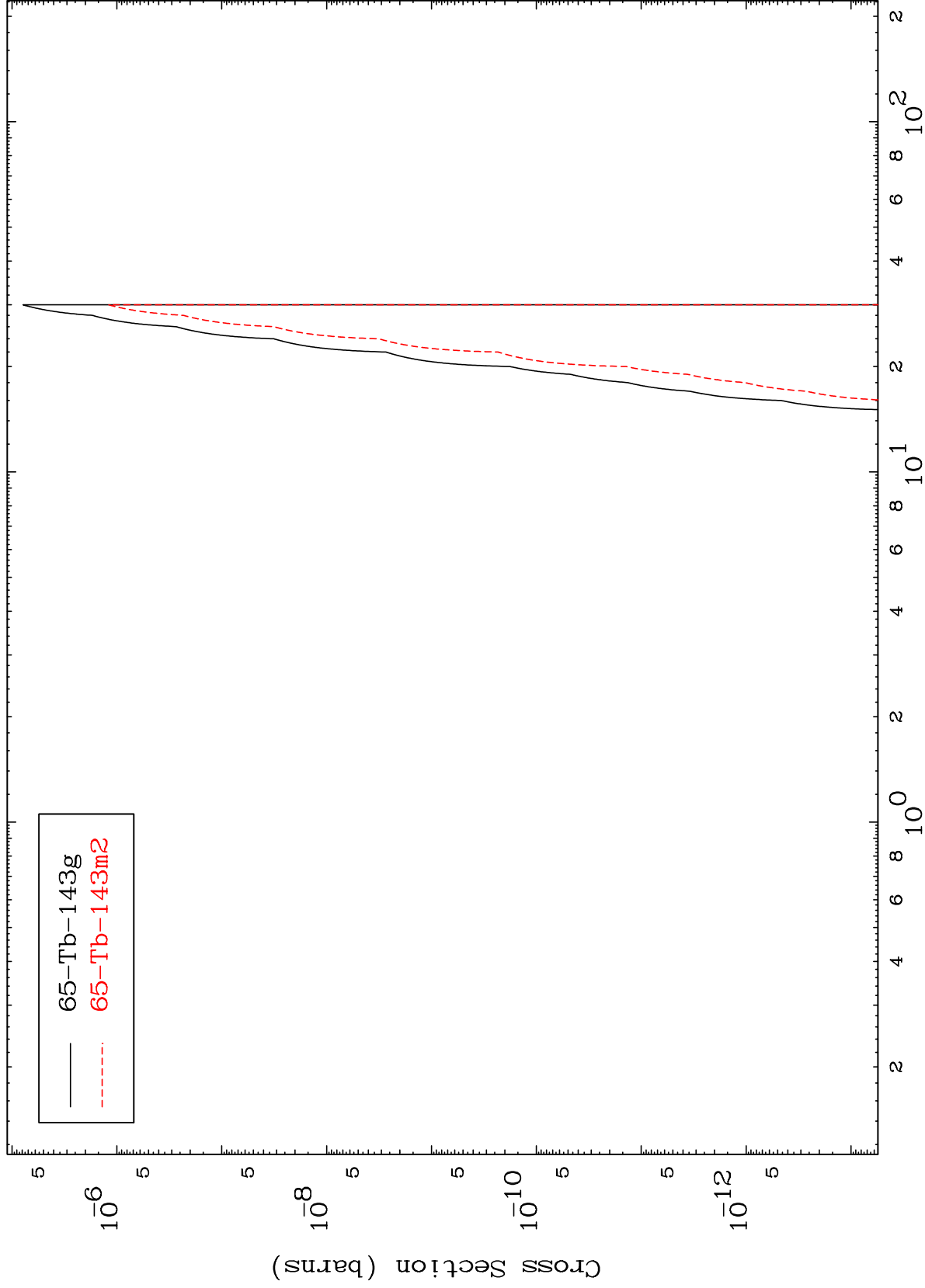
68-Er-150

MAT 6789

(n,n') 2α

68-Er-150

Radionuclide Production Cross Section



13

Incident Energy (MeV)

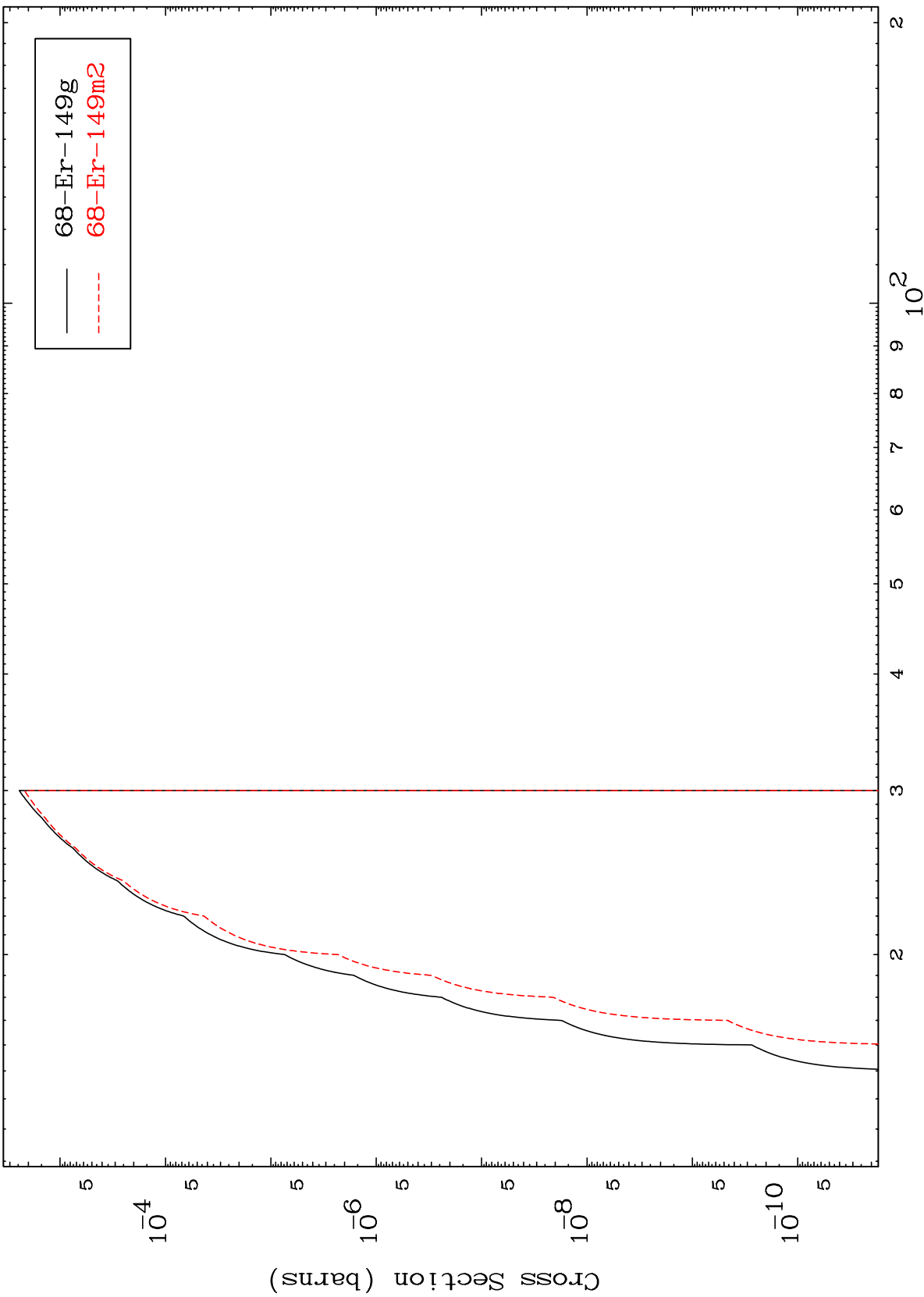
68-Er-150

MAT 6789

(n,n') d

68-Er-150

Radionuclide Production Cross Section



14

Incident Energy (MeV)

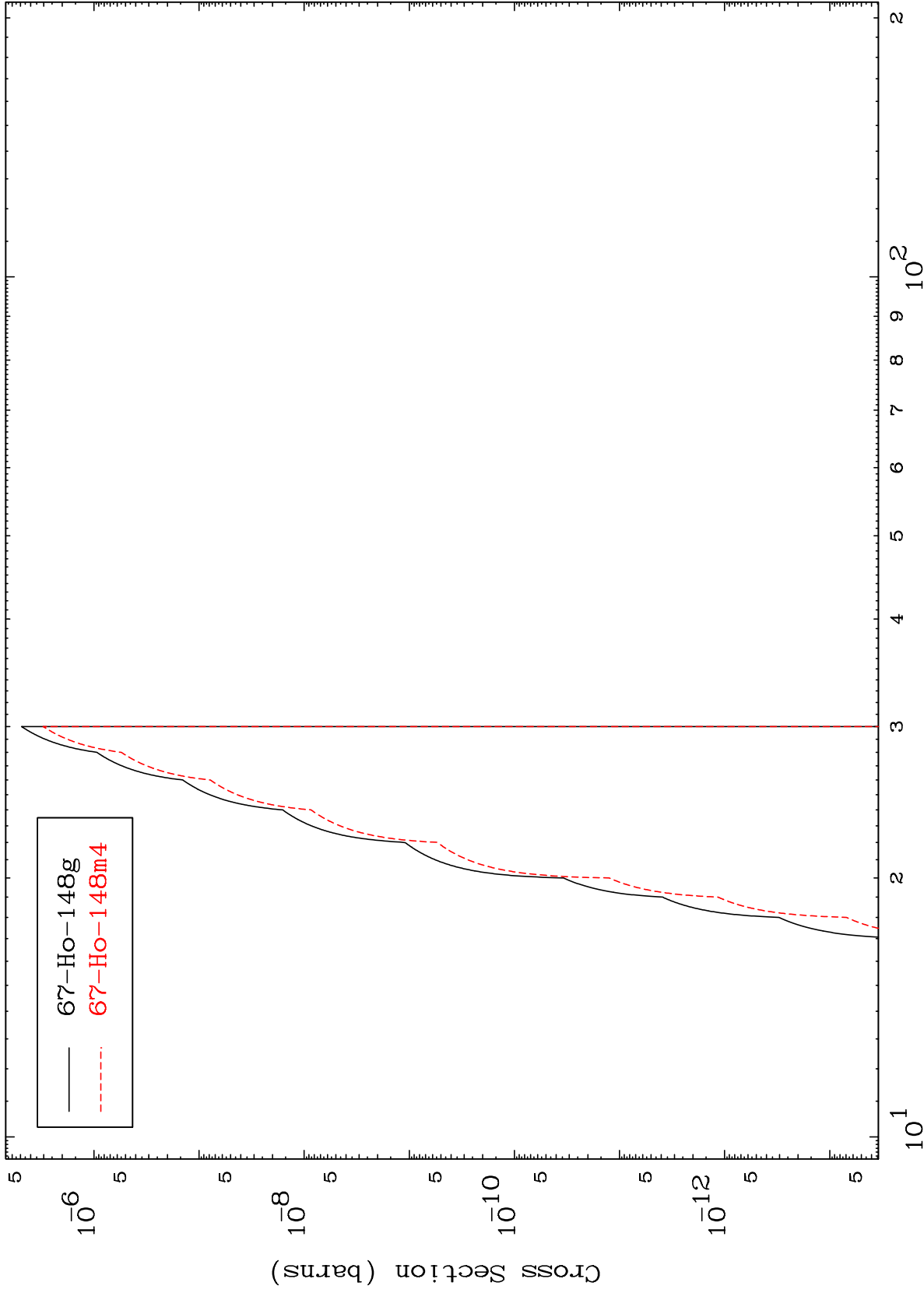
68-Er-150

MAT 6789

(n,n') He-3

68-Er-150

Radionuclide Production Cross Section



67-Ho-148g
67-Ho-148m4

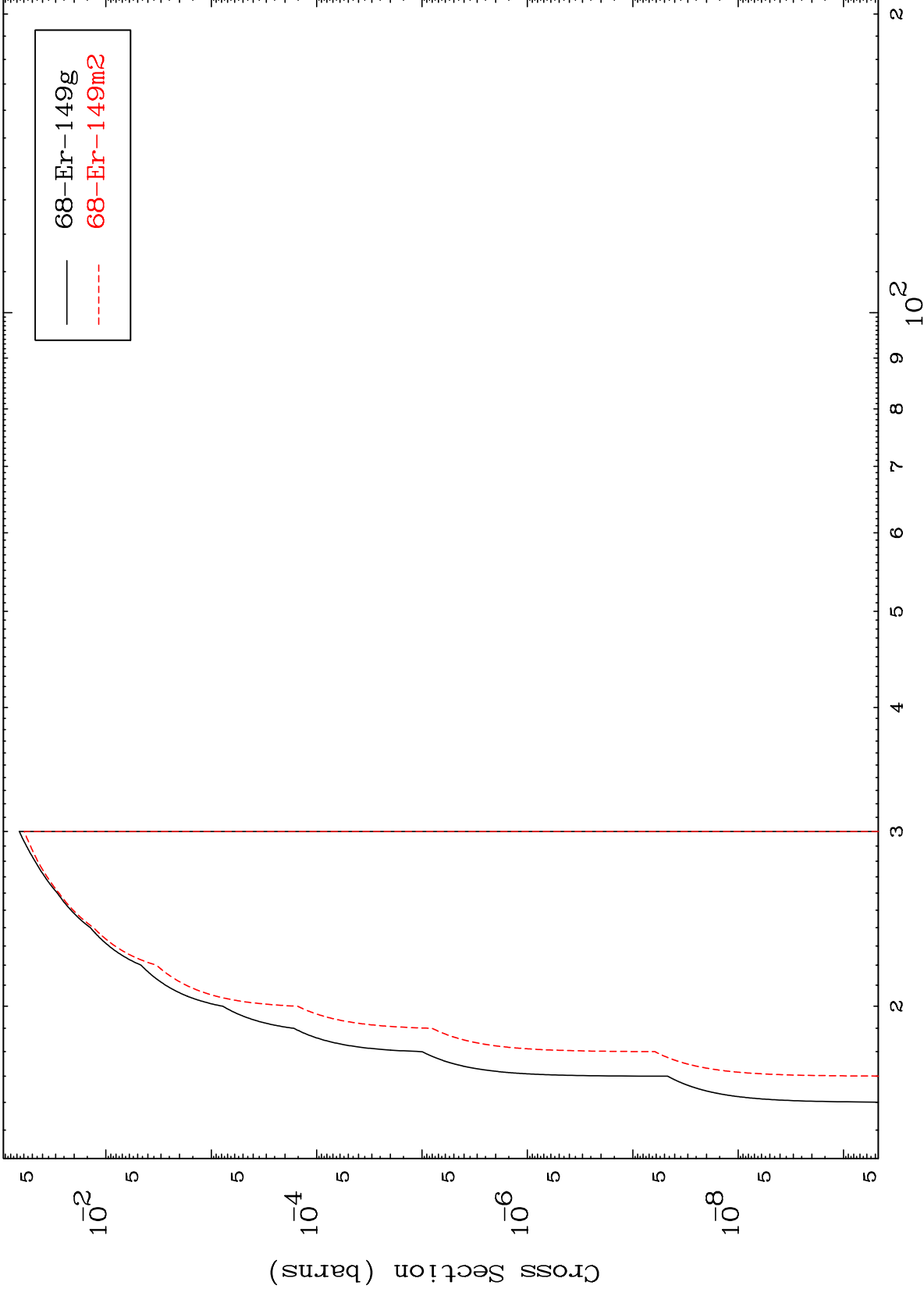
68-Er-150

MAT 6789

(n,2n) p

68-Er-150

Radionuclide Production Cross Section



16

Incident Energy (MeV)

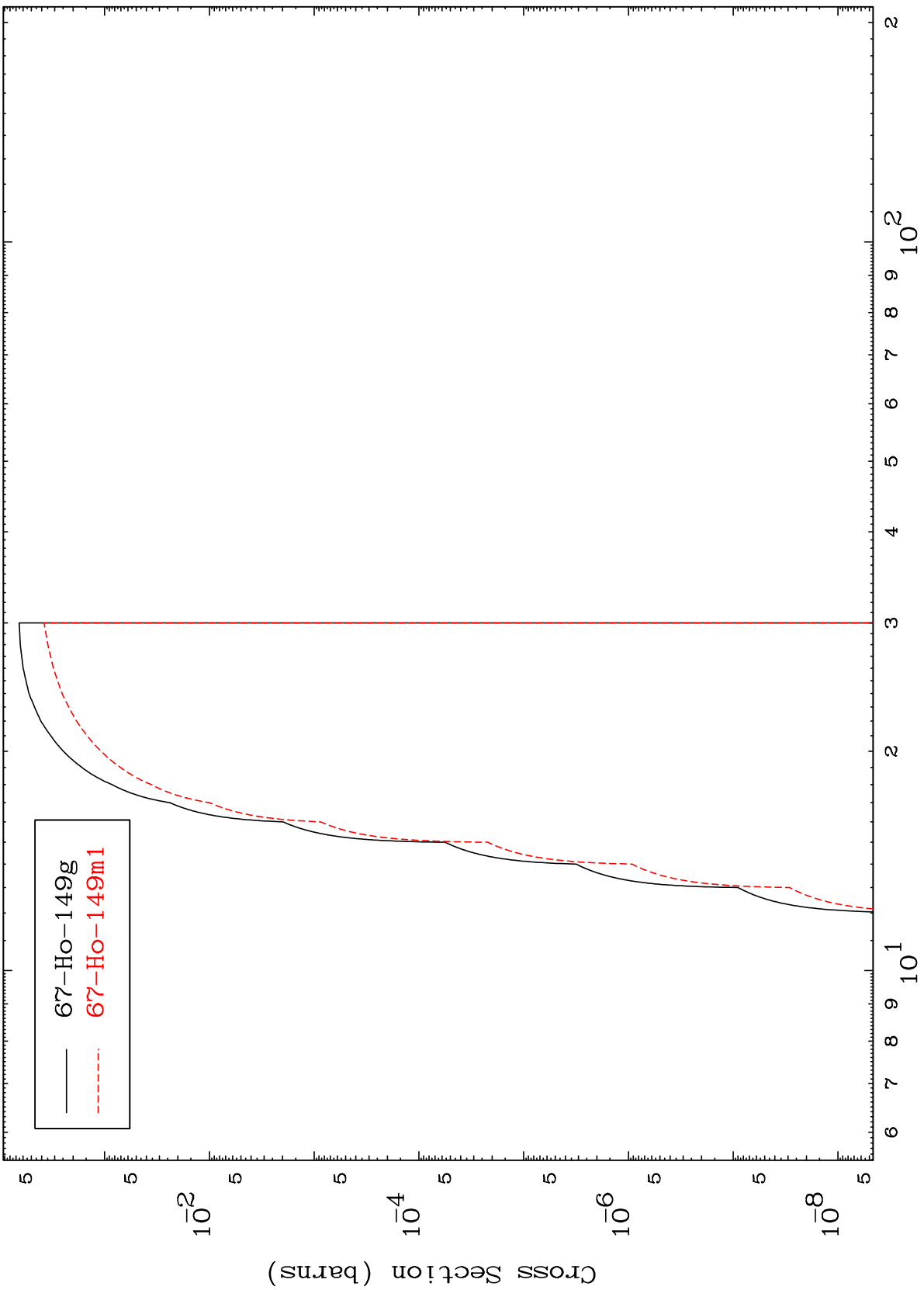
68-Er-150

MAT 6789

(n,2n) p

68-Er-150

Radionuclide Production Cross Section



67-Ho-149g
67-Ho-149m1

17

Incident Energy (MeV)

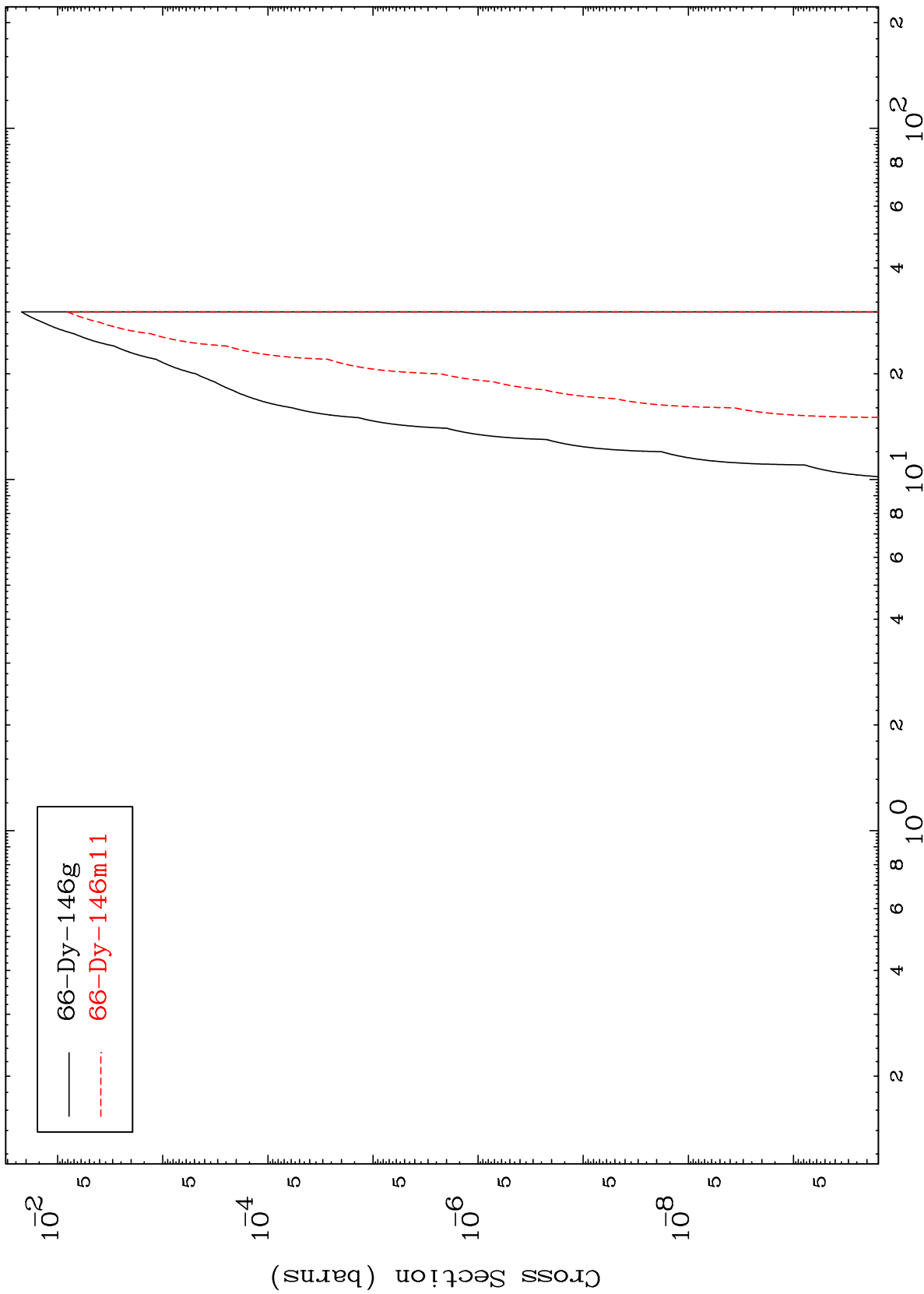
68-Er-150

MAT 6789

(n,n') p α

68-Er-150

Radionuclide Production Cross Section



18

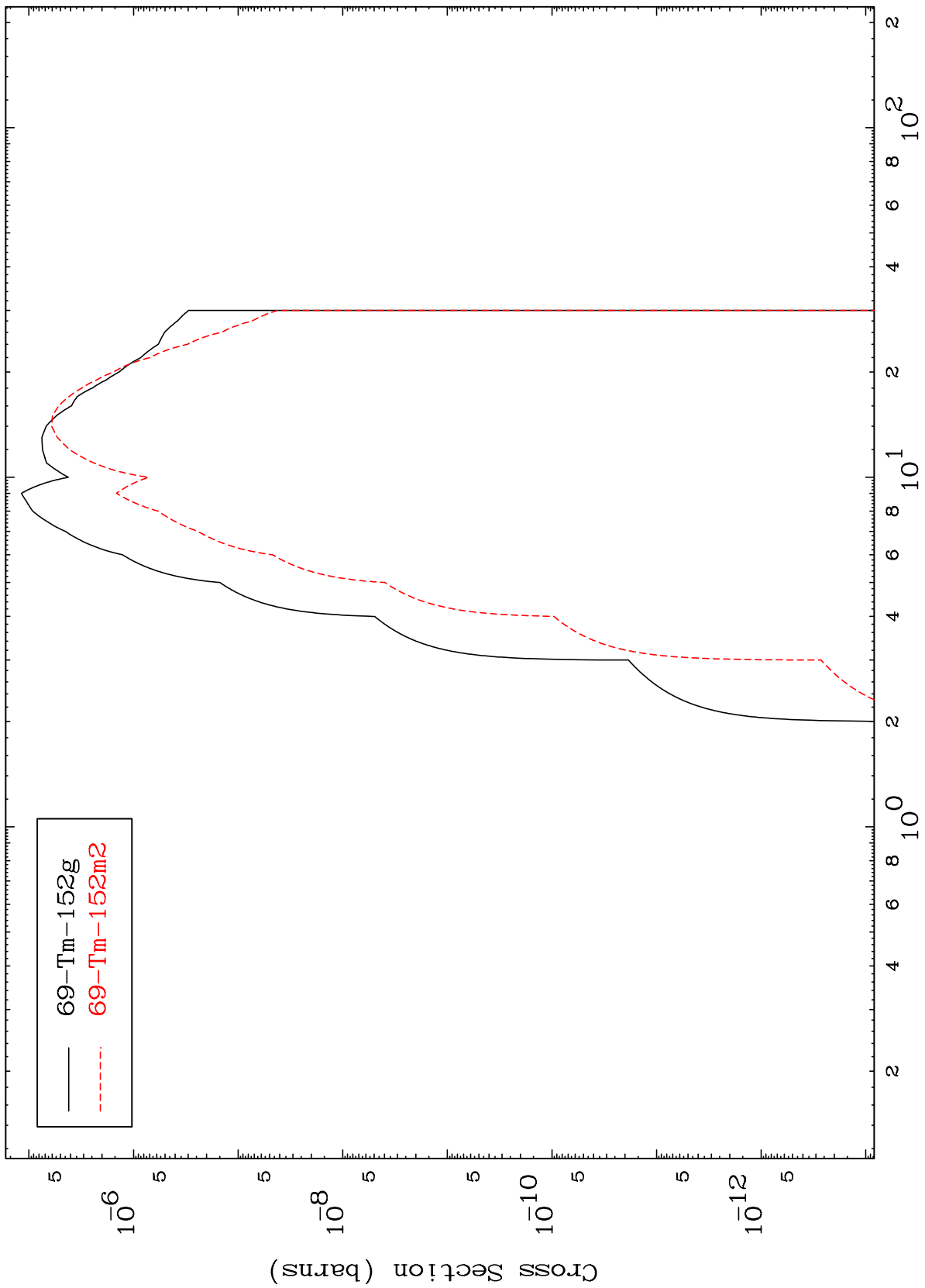
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n,γ)
Radionuclide Production Cross Section

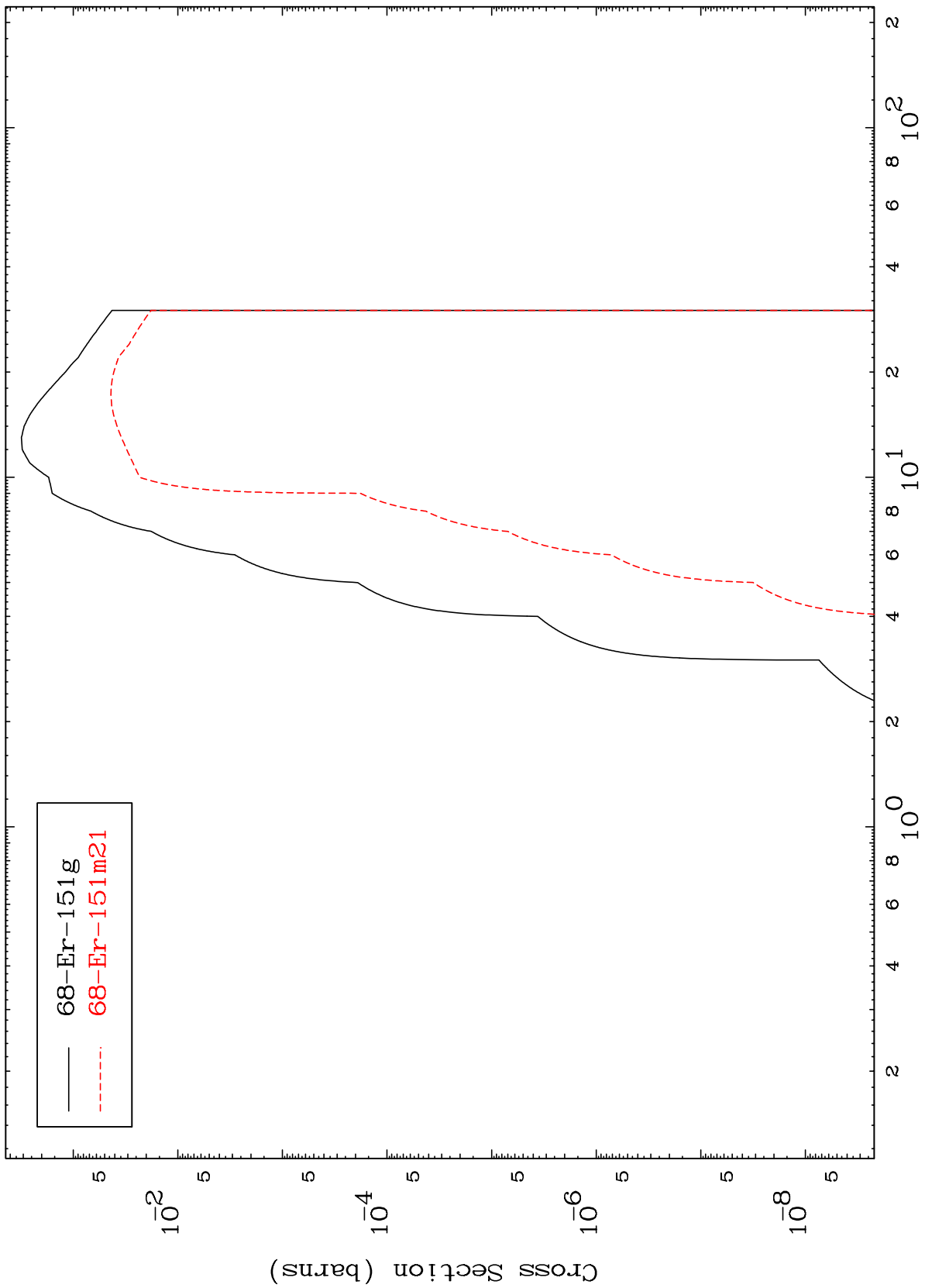


— 69-Tm-152g
- - - 69-Tm-152m2

MAT 6789

68-Er-150

(n,p)
Radionuclide Production Cross Section



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

20

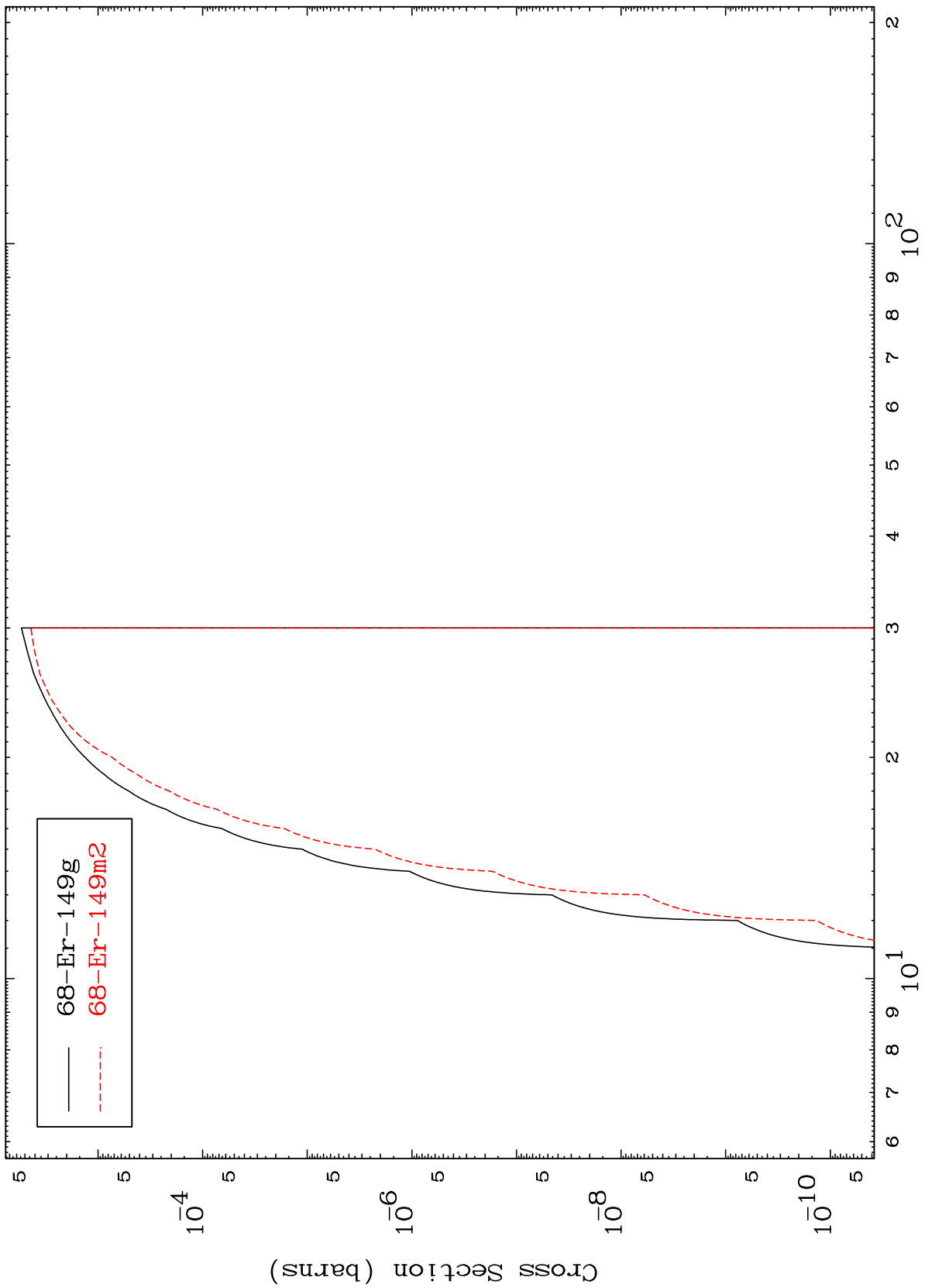
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n, t)
Radionuclide Production Cross Section



68-Er-150

Incident Energy (MeV)

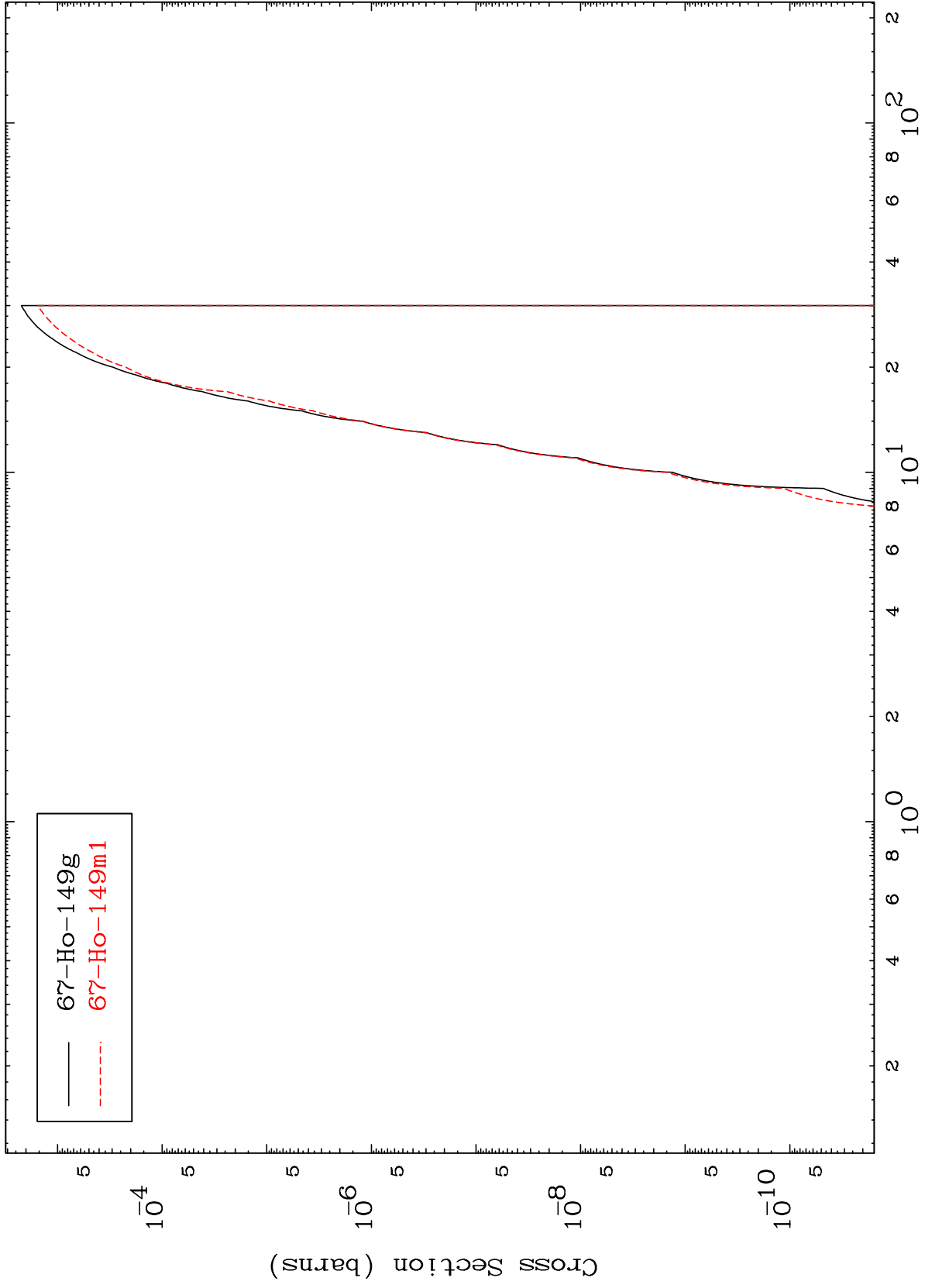
21

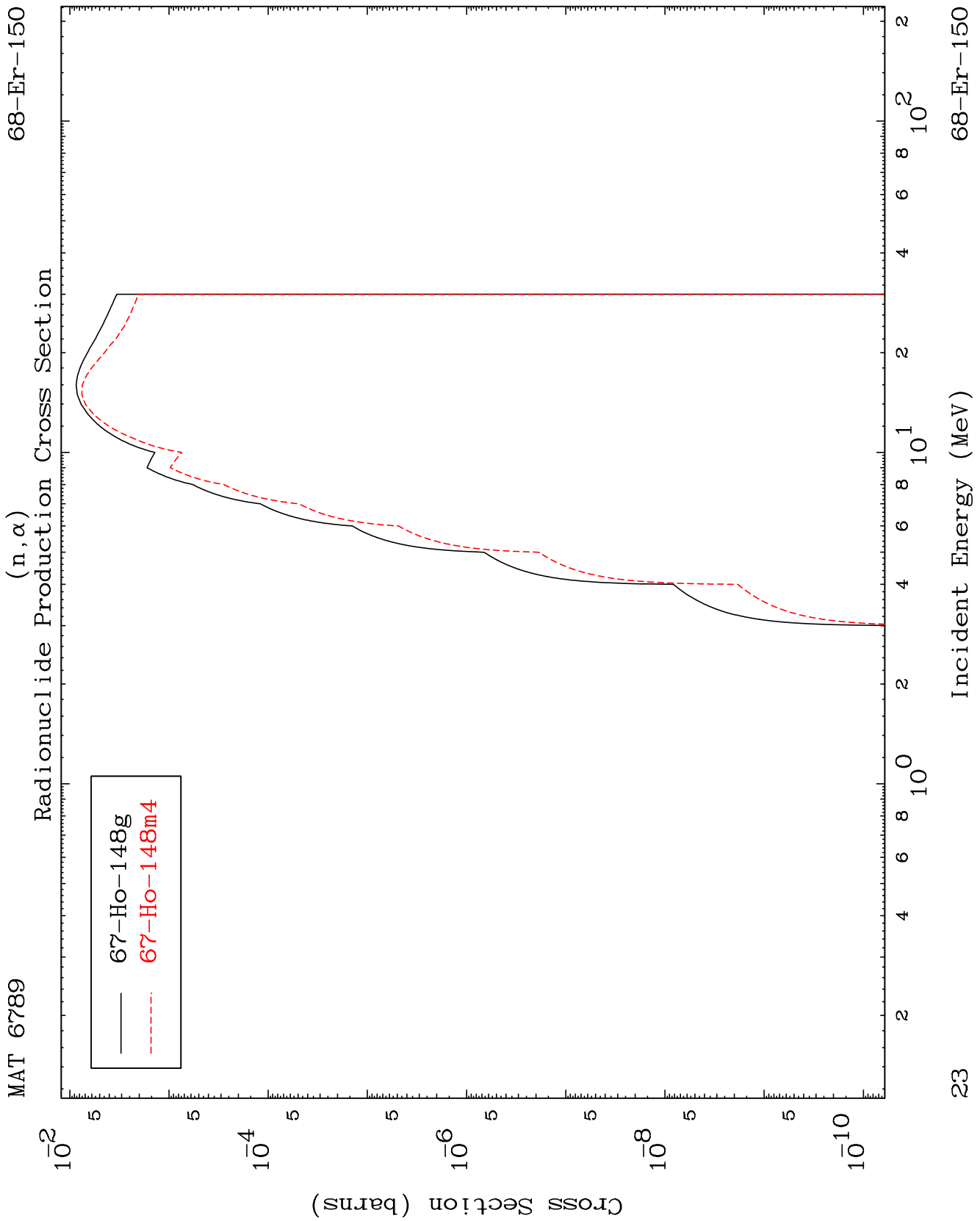
MAT 6789

(n,He-3)

68-Er-150

Radionuclide Production Cross Section



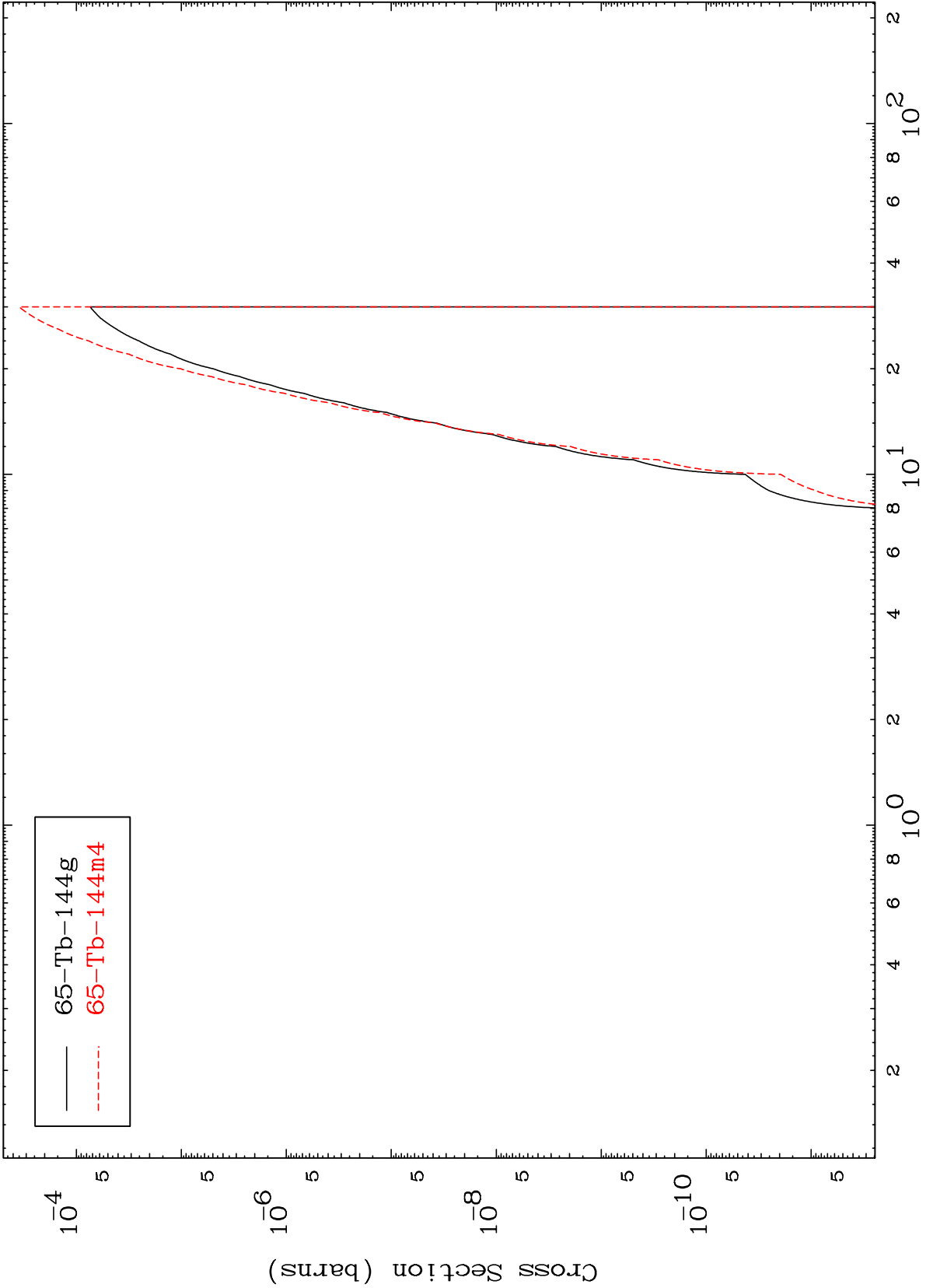


MAT 6789

(n,2α)

68-Er-150

Radionuclide Production Cross Section

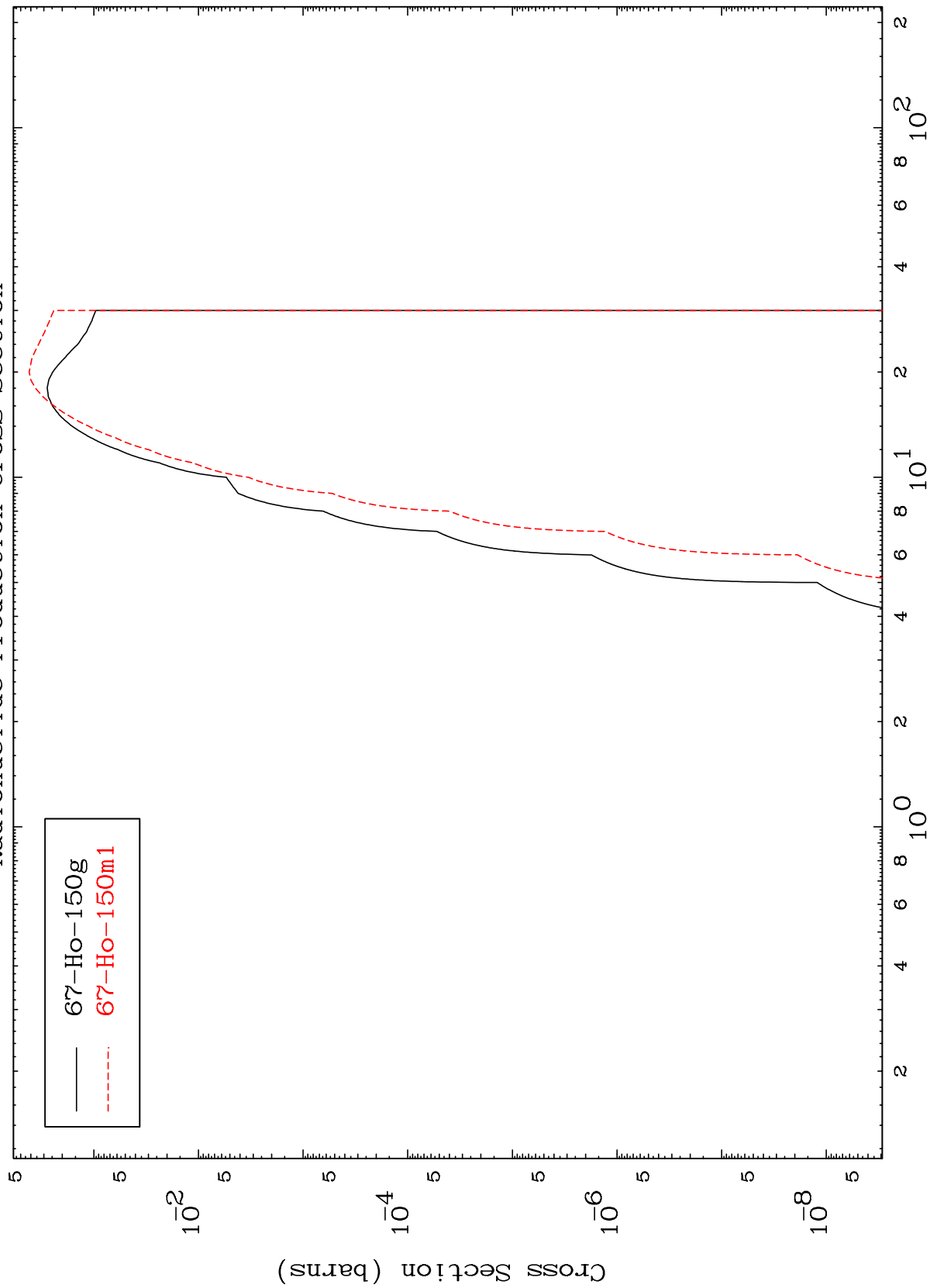


— 65-Tb-144g
- - - 65-Tb-144m4

MAT 6789

68-Er-150

Radionuclide Production Cross Section
(n,2p)



— 67-Ho-150g
- - - 67-Ho-150m1

25

Incident Energy (MeV)

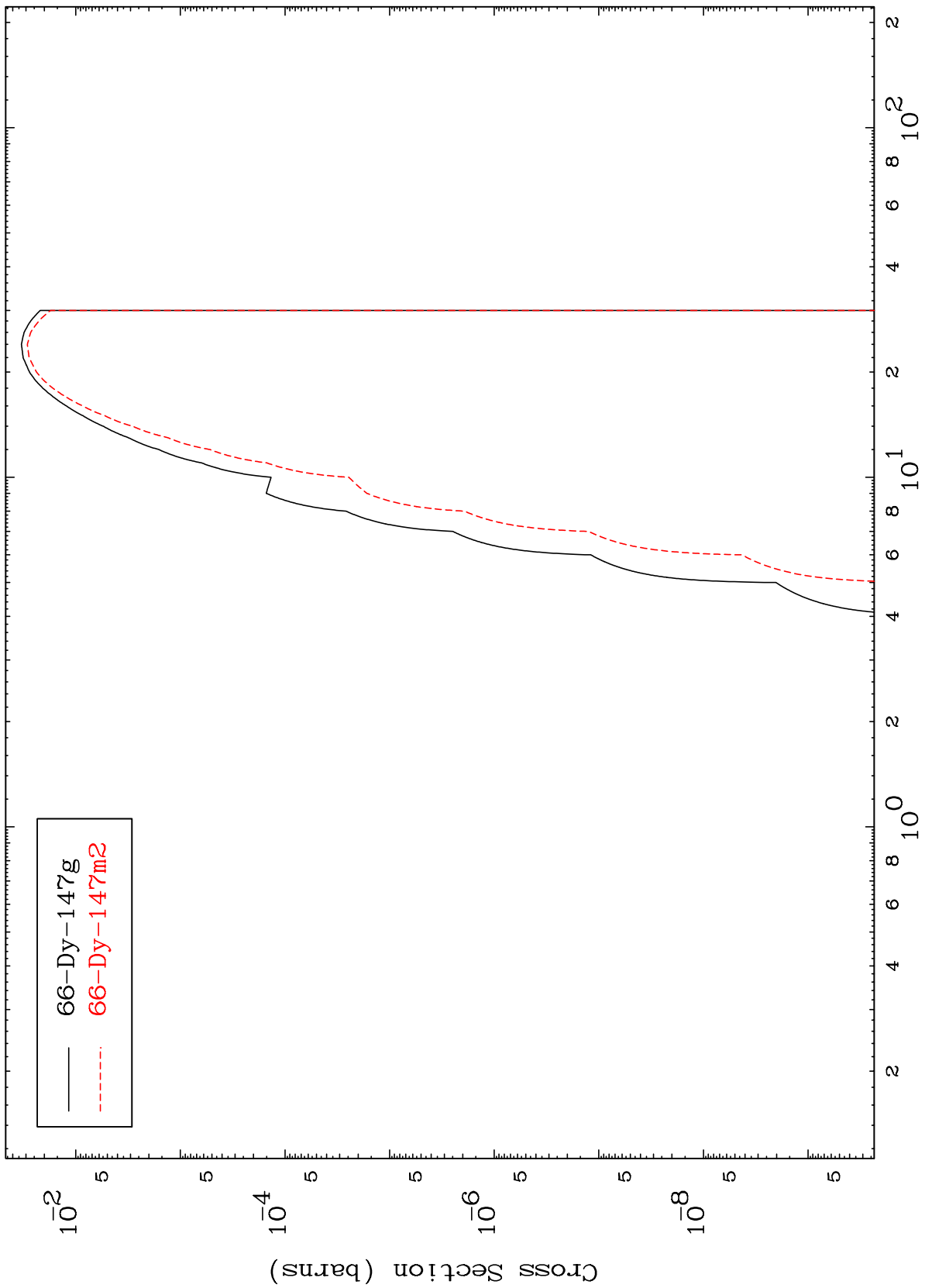
68-Er-150

MAT 6789

(n,p) α

68-Er-150

Radionuclide Production Cross Section

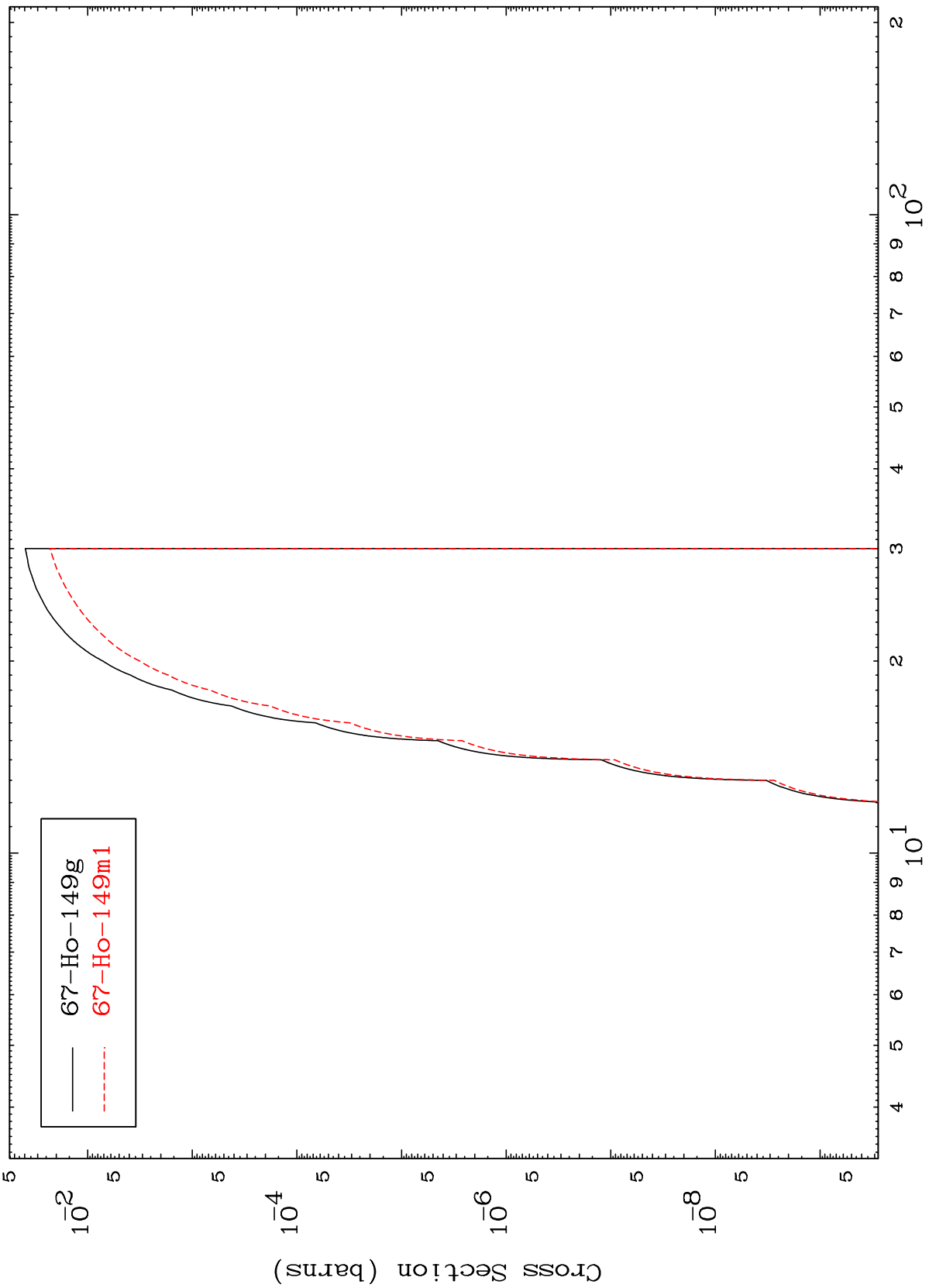


MAT 6789

(n,p) d

68-Er-150

Radionuclide Production Cross Section



27

Incident Energy (MeV)

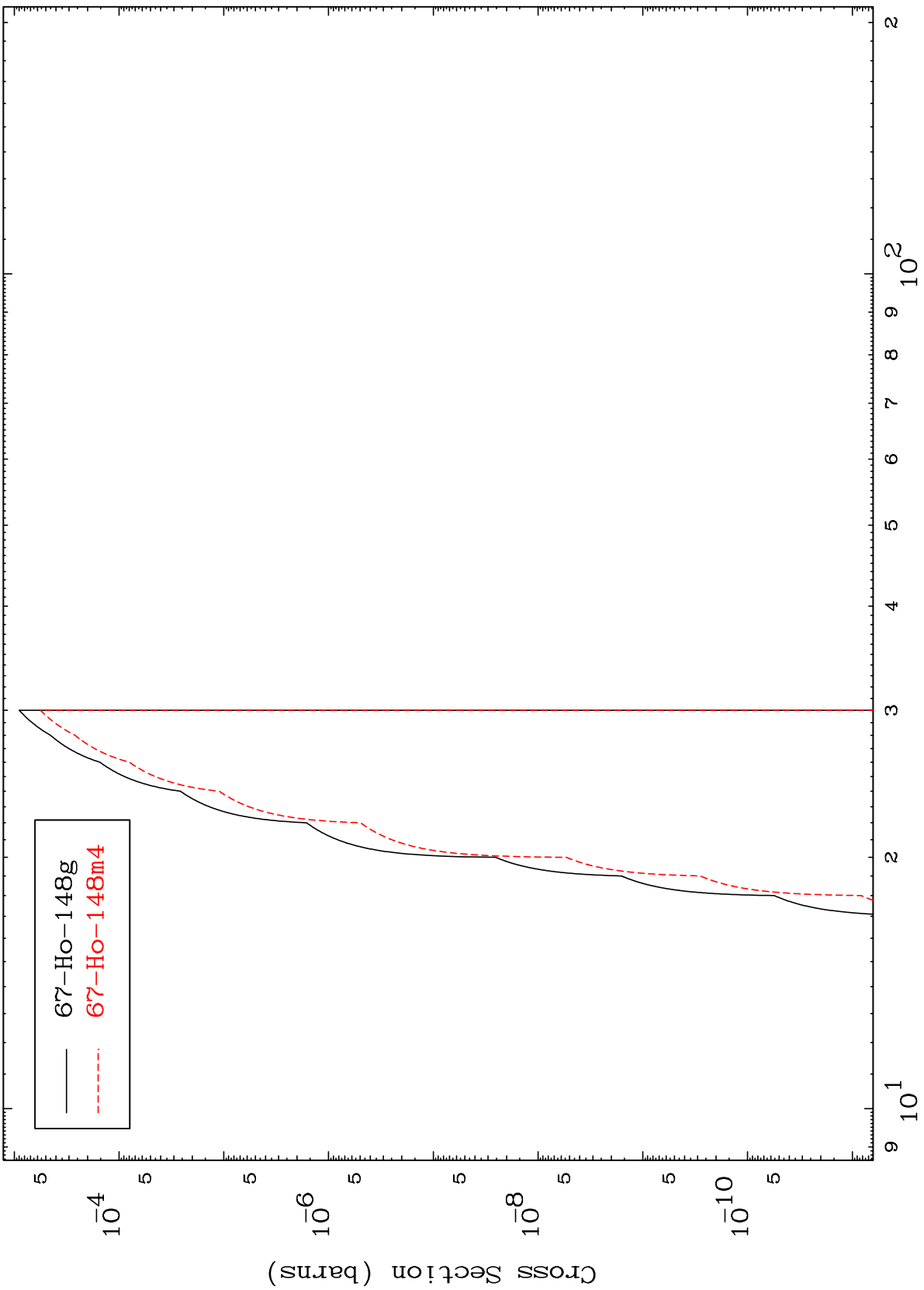
68-Er-150

MAT 6789

(n,p) t

68-Er-150

Radionuclide Production Cross Section



28

Incident Energy (MeV)

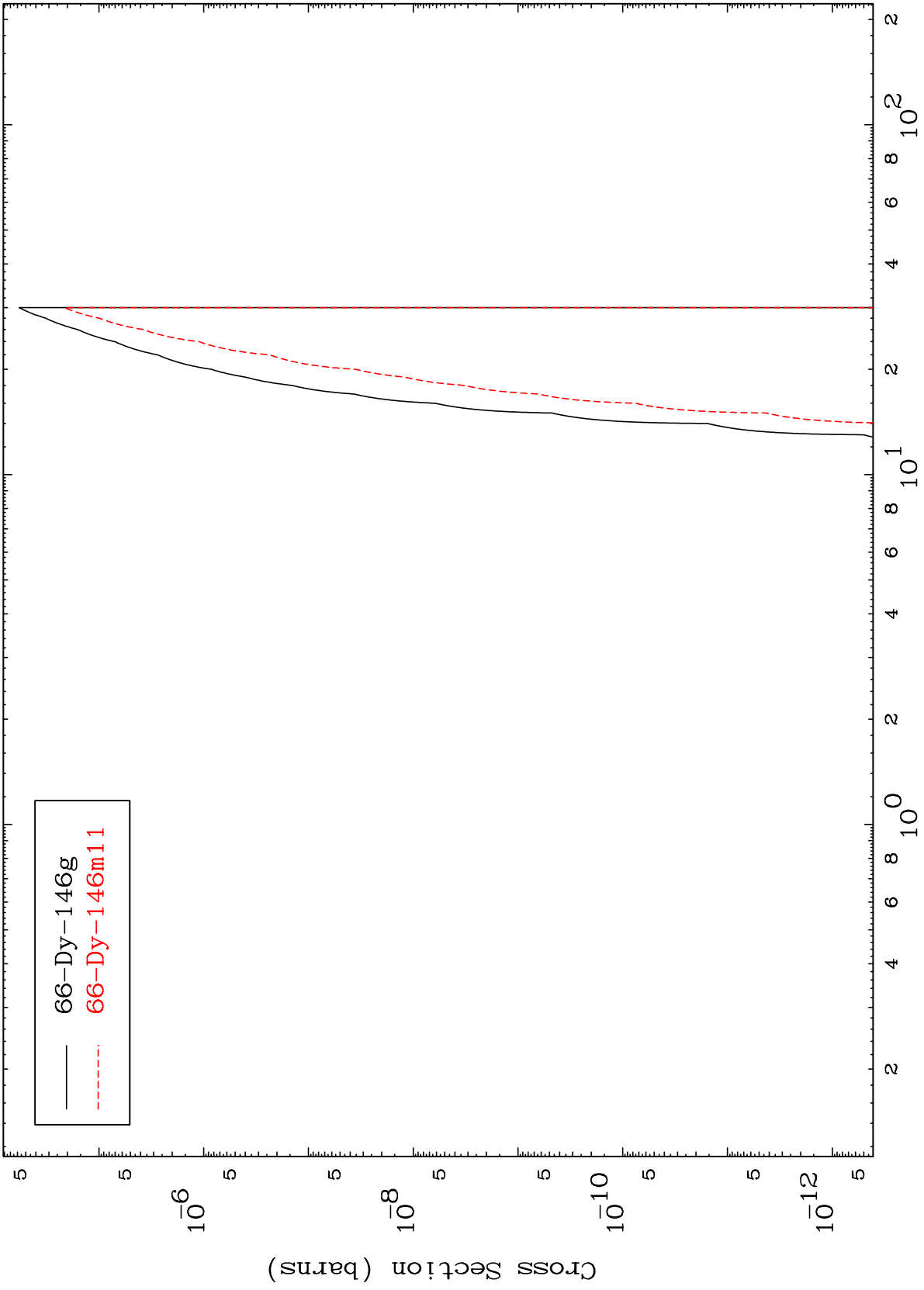
68-Er-150

MAT 6789

(n,d) α

68-Er-150

Radionuclide Production Cross Section



29

Incident Energy (MeV)

68-Er-150