

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

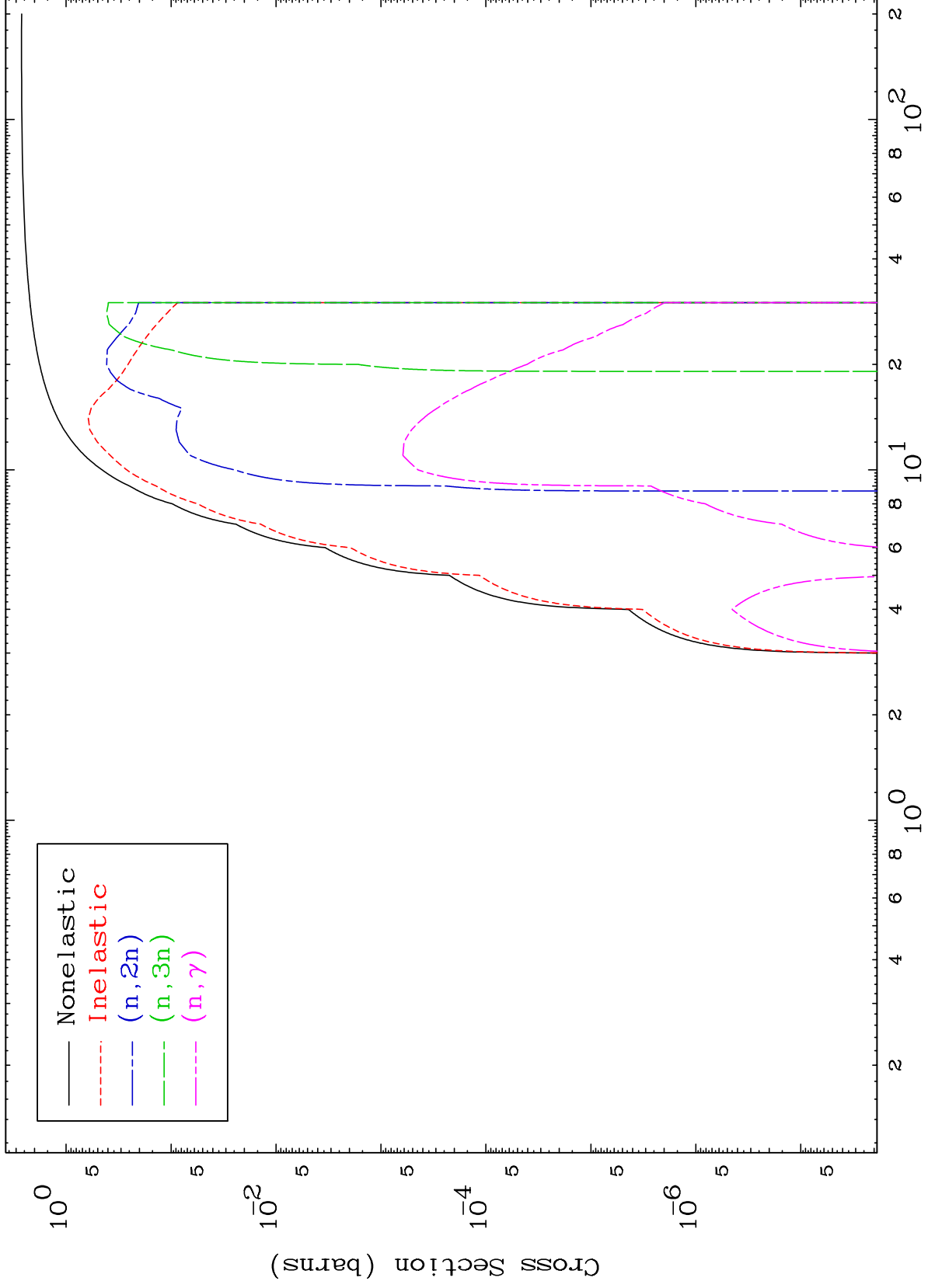
Web:redcullen1.net/HOMEPAGE.NEW

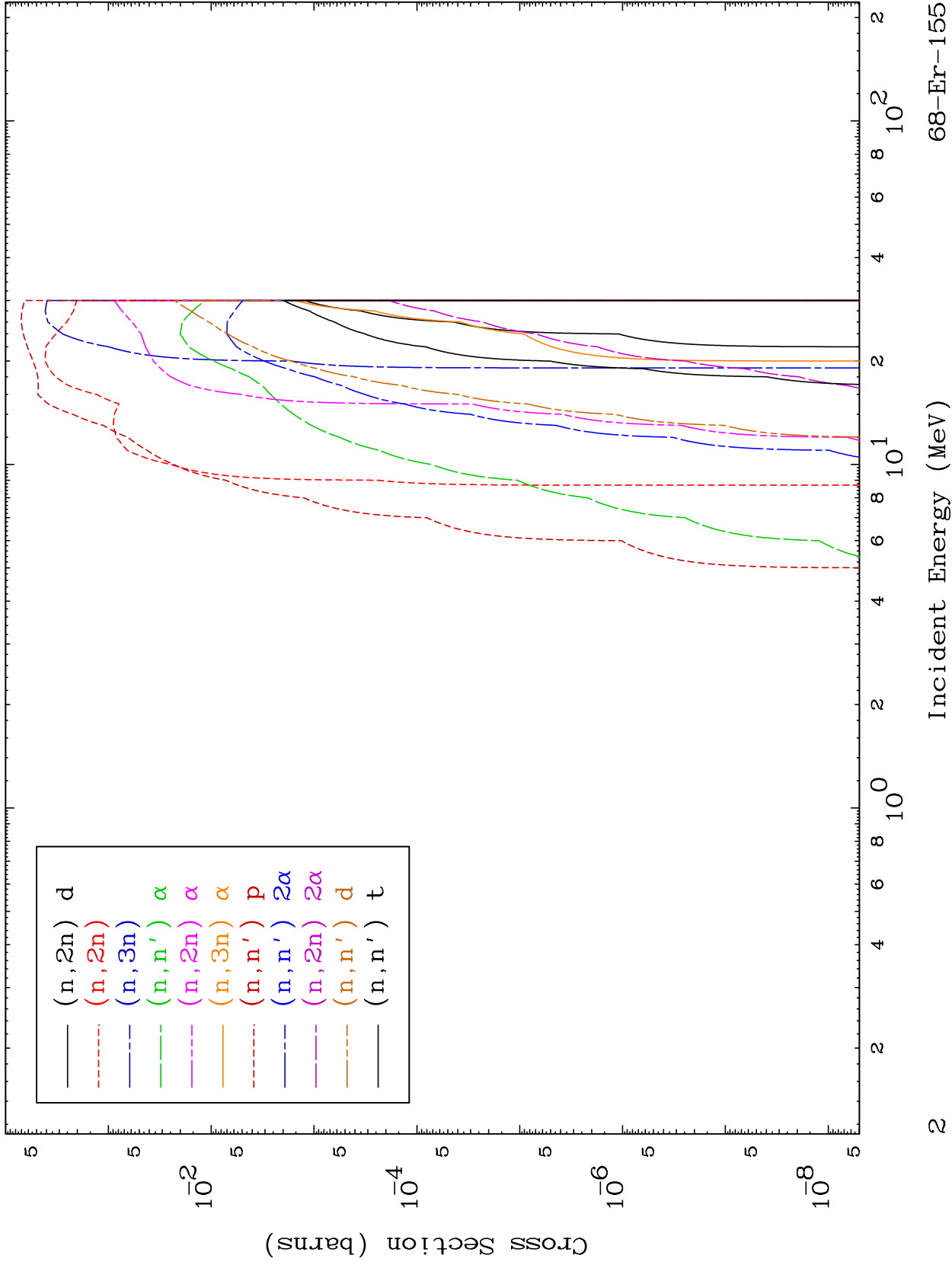
Press Mouse Button to Start

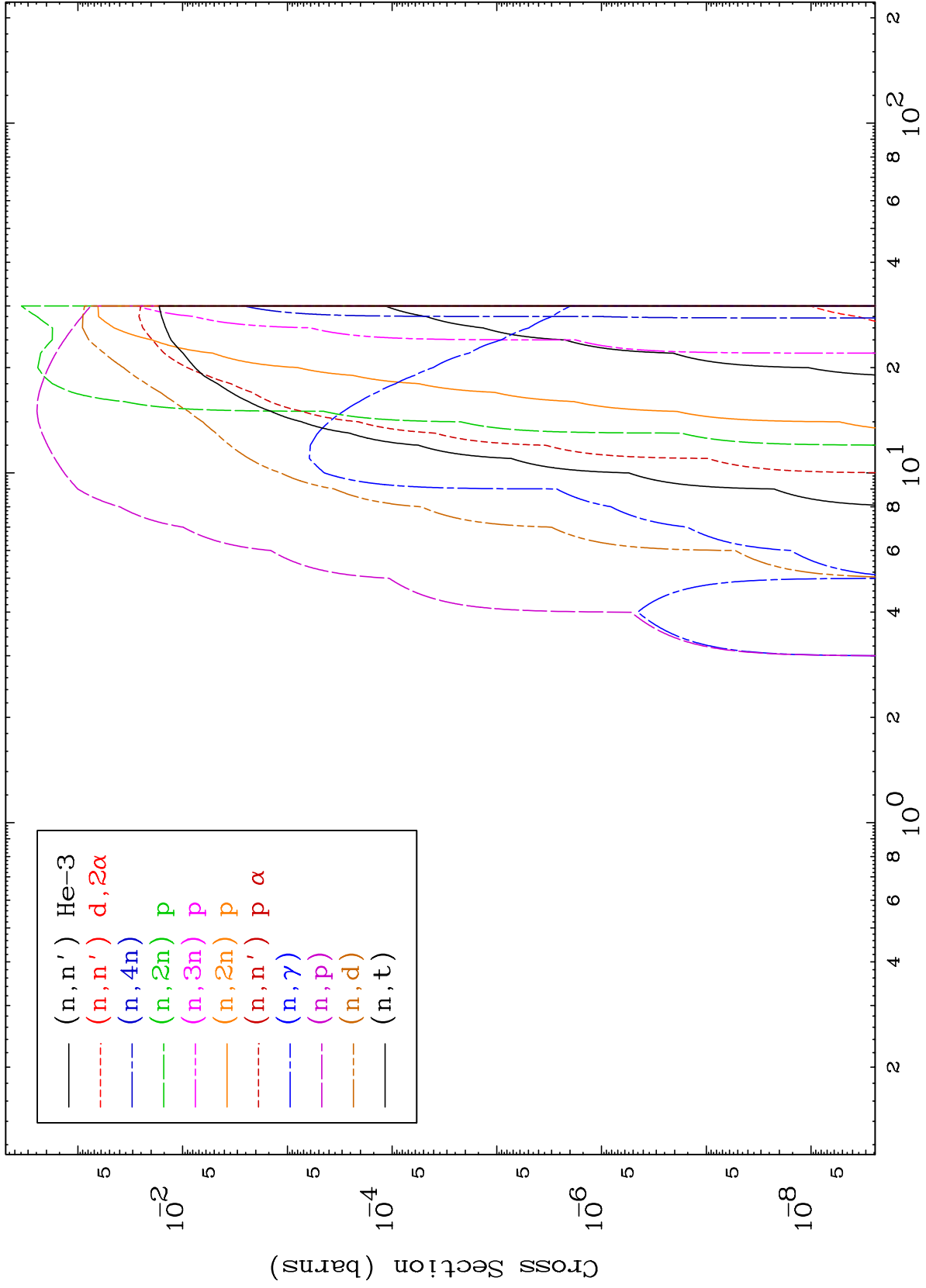
MAT 6804

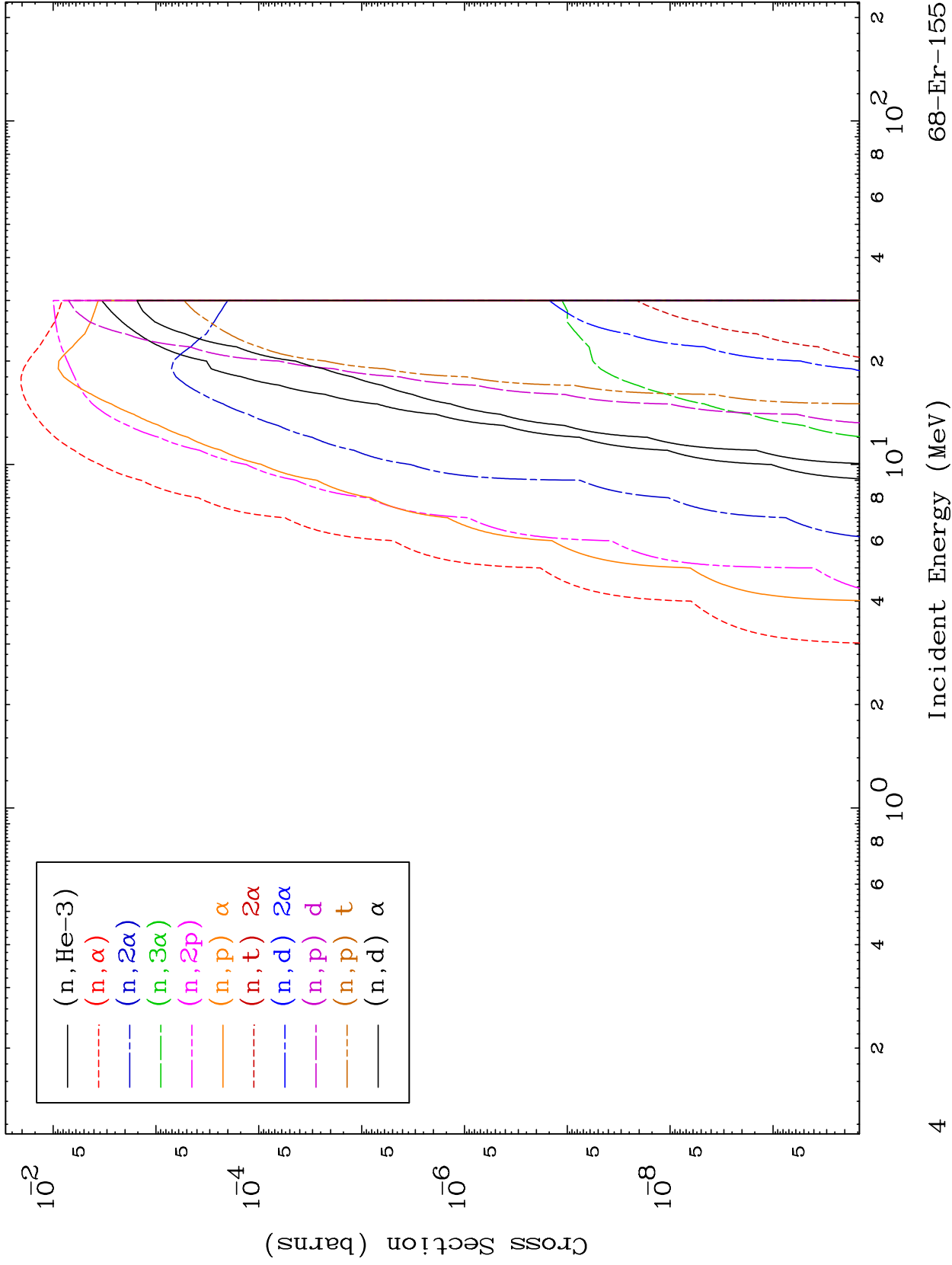
Deuteron Major
0 Kelvin Cross Sections

68-Er-155





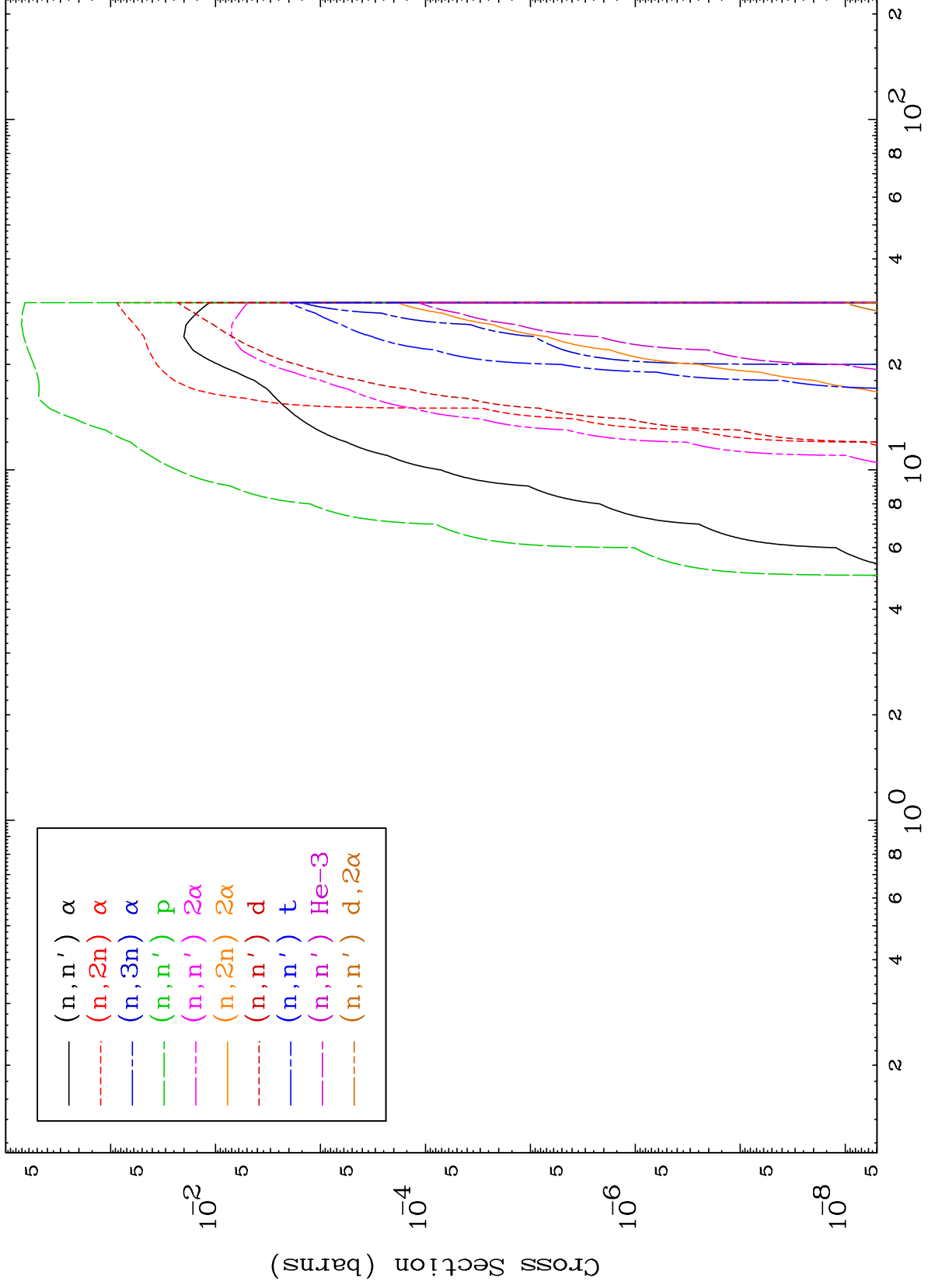




MAT 6804

Deuteron Charged Particle
0 Kelvin Cross Sections

68-Er-155



5

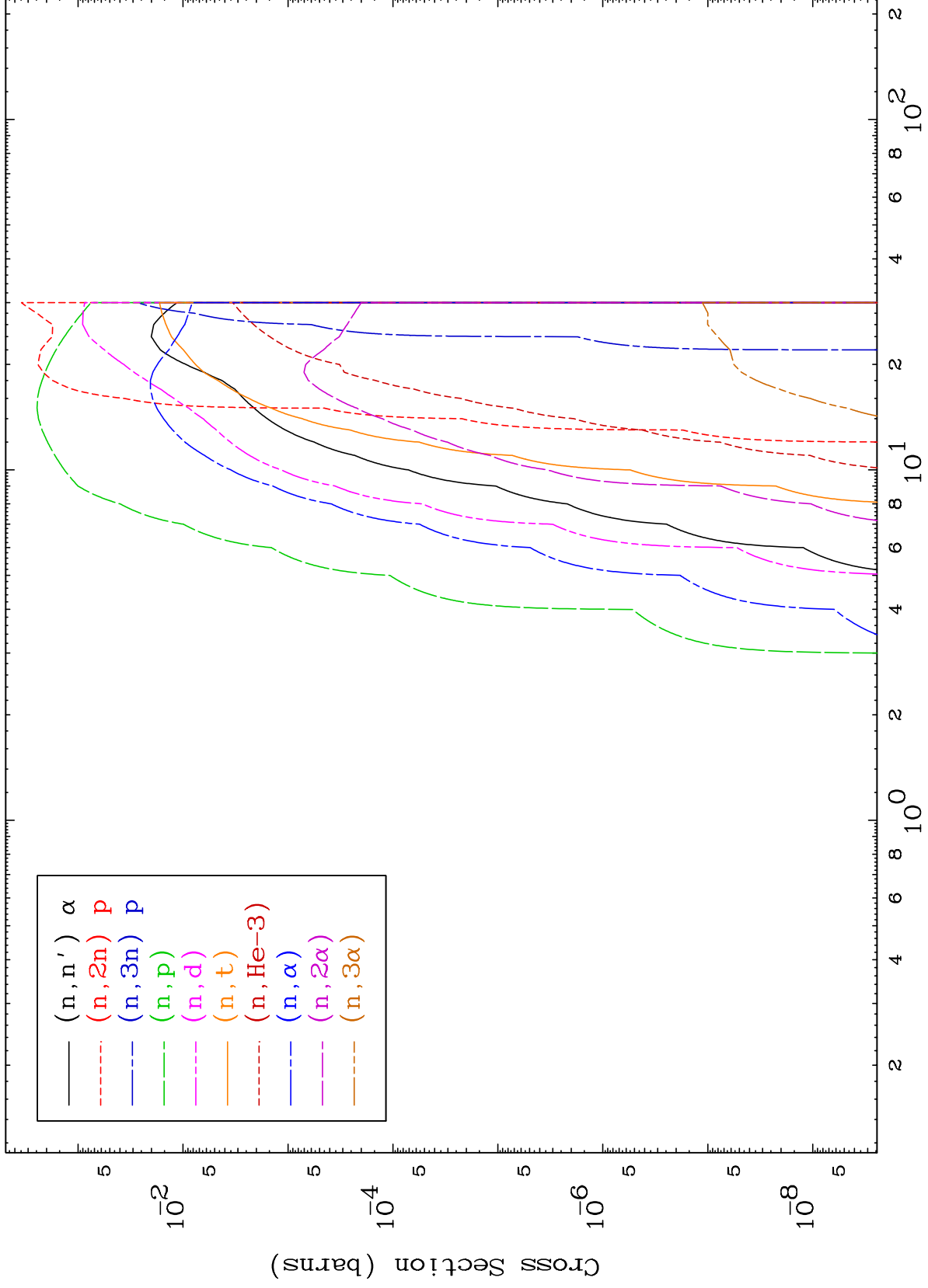
Incident Energy (MeV)

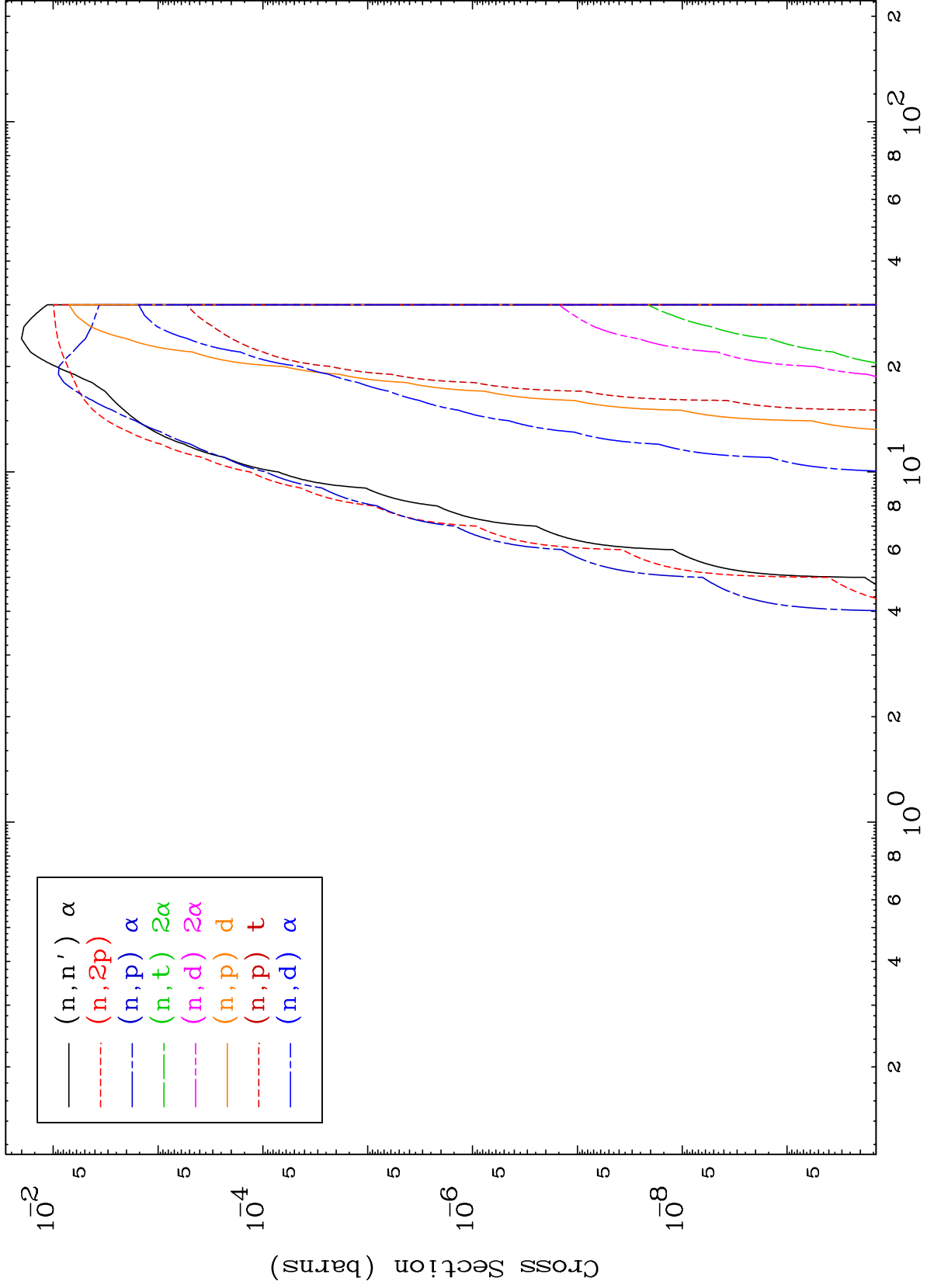
68-Er-155

MAT 6804

Deuteron Charged Particle
0 Kelvin Cross Sections

68-Er-155



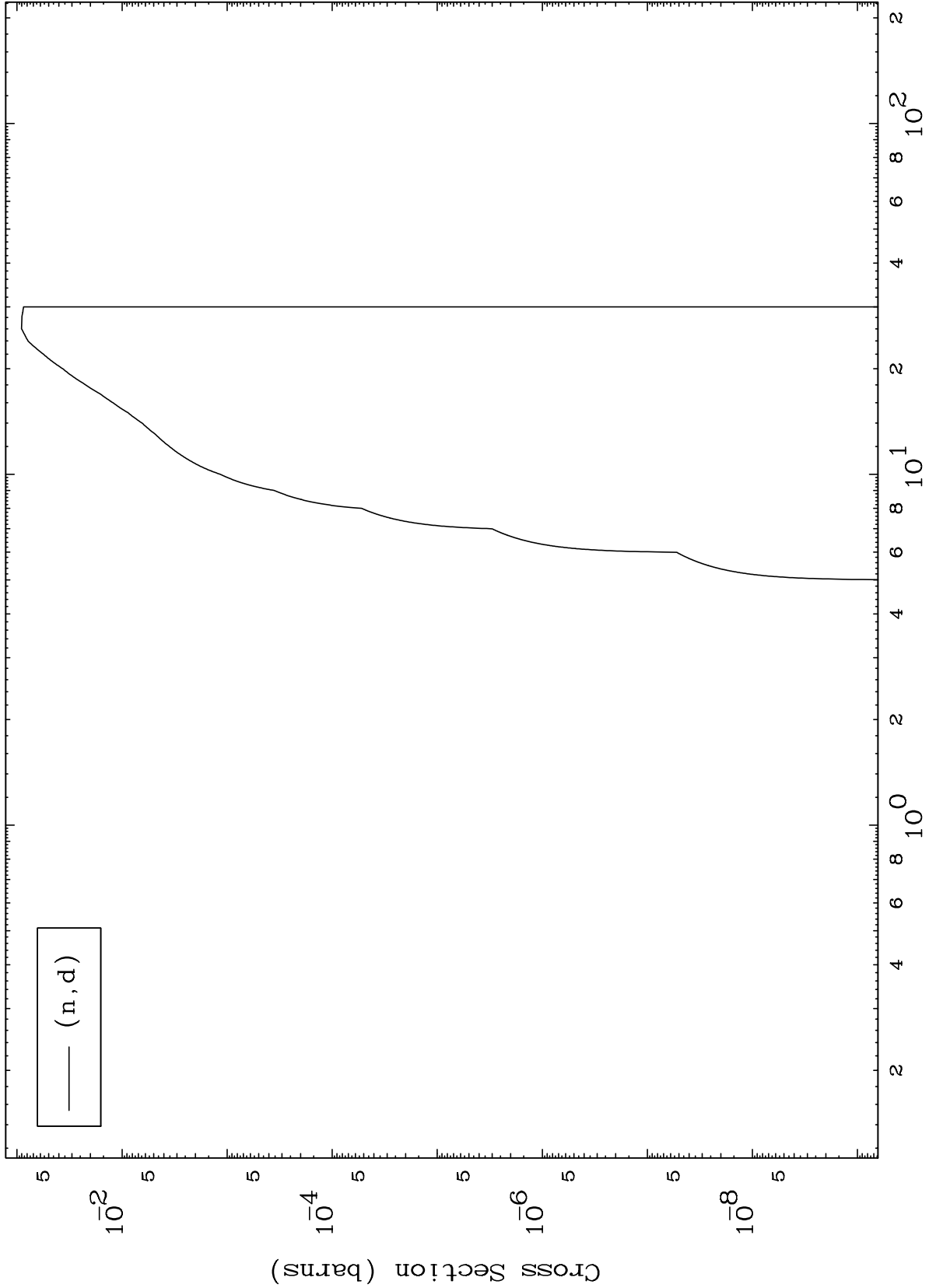


MAT 6804

(d,d) Levels

68-Er-155

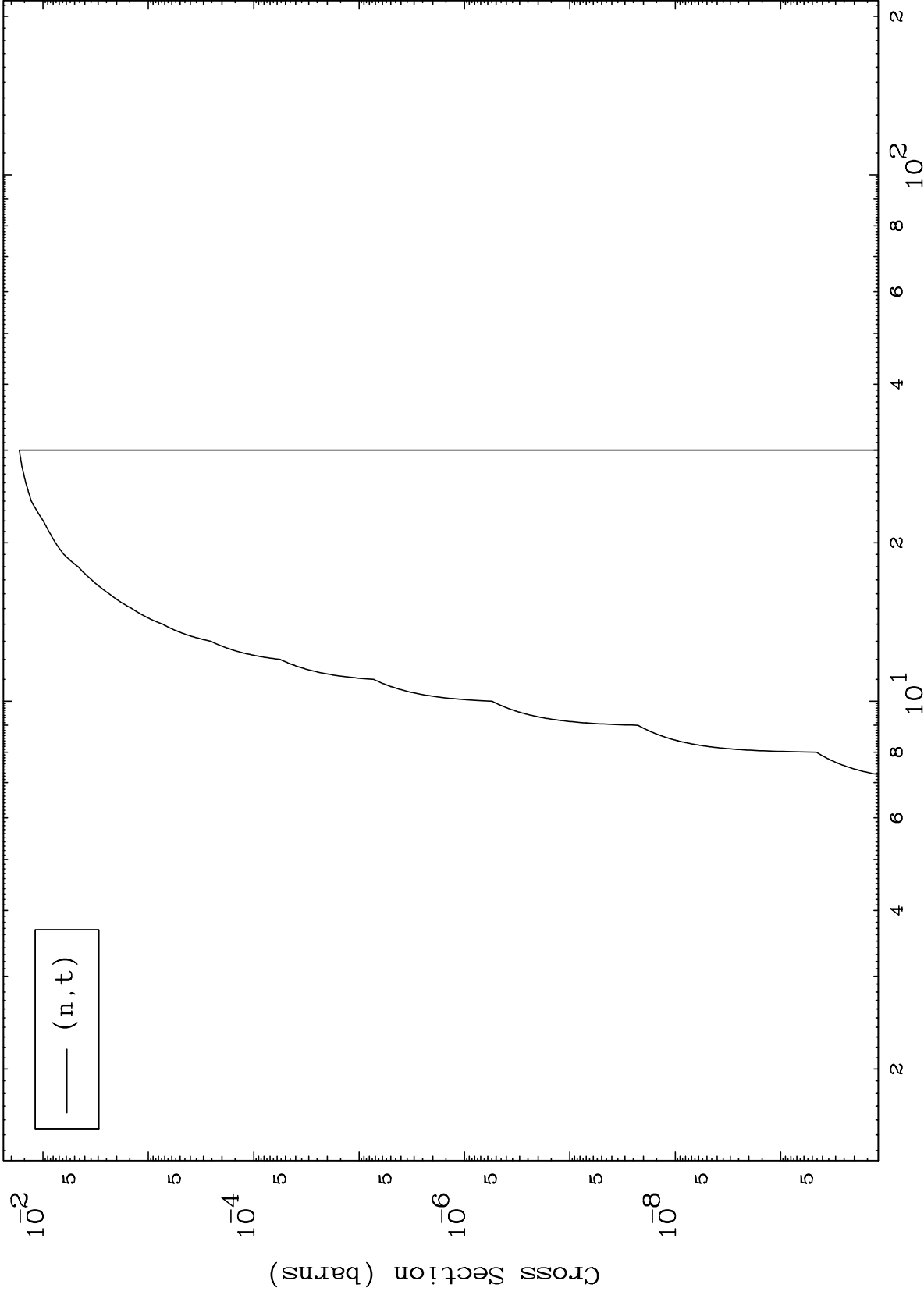
0 Kelvin Cross Sections



MAT 6804

(d,t) Levels
0 Kelvin Cross Sections

68-Er-155



10

Incident Energy (MeV)

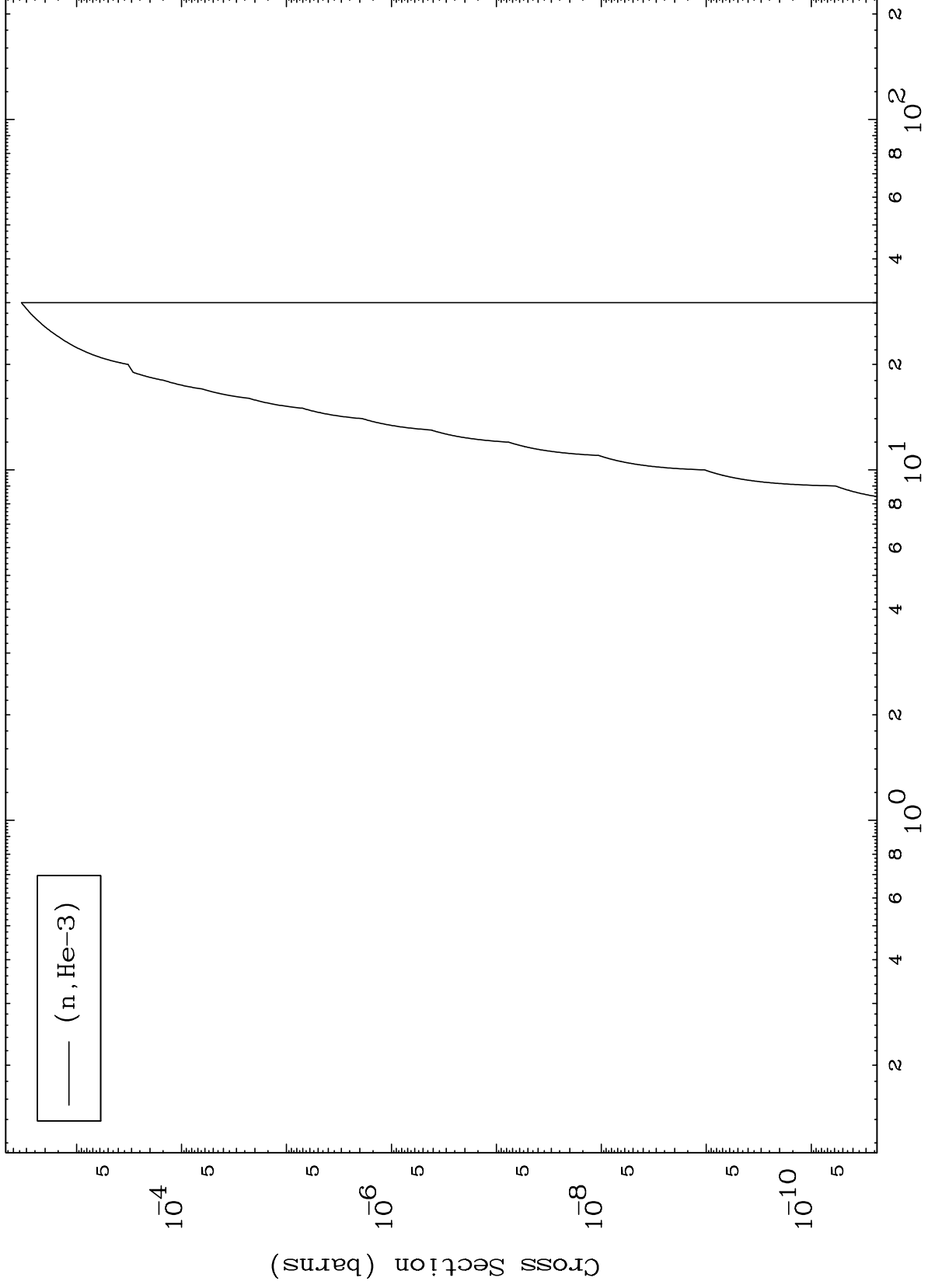
68-Er-155

MAT 6804

(d,He3) Levels

68-Er-155

0 Kelvin Cross Sections

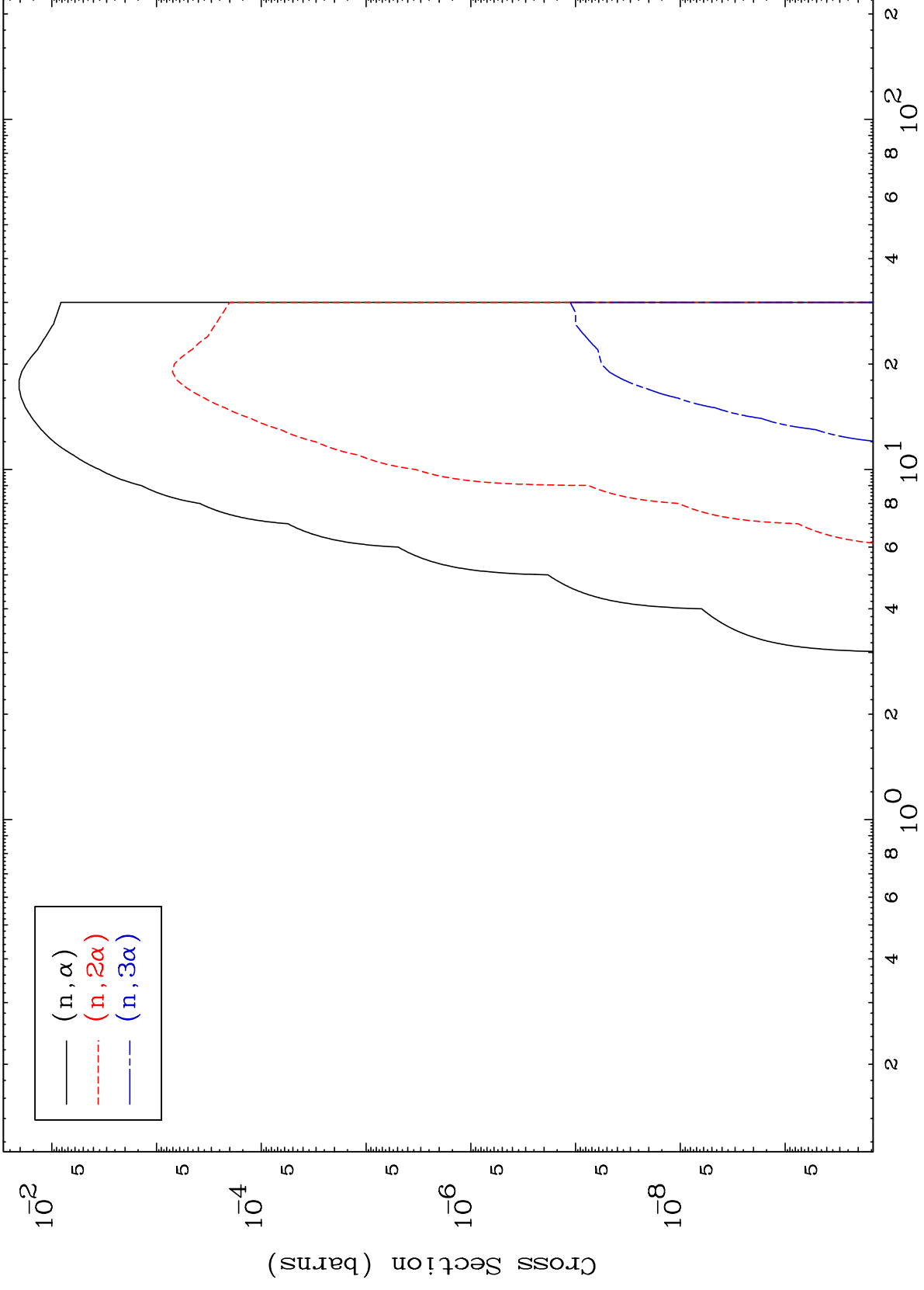


MAT 6804

(d, α) Levels

68-Er-155

0 Kelvin Cross Sections



12

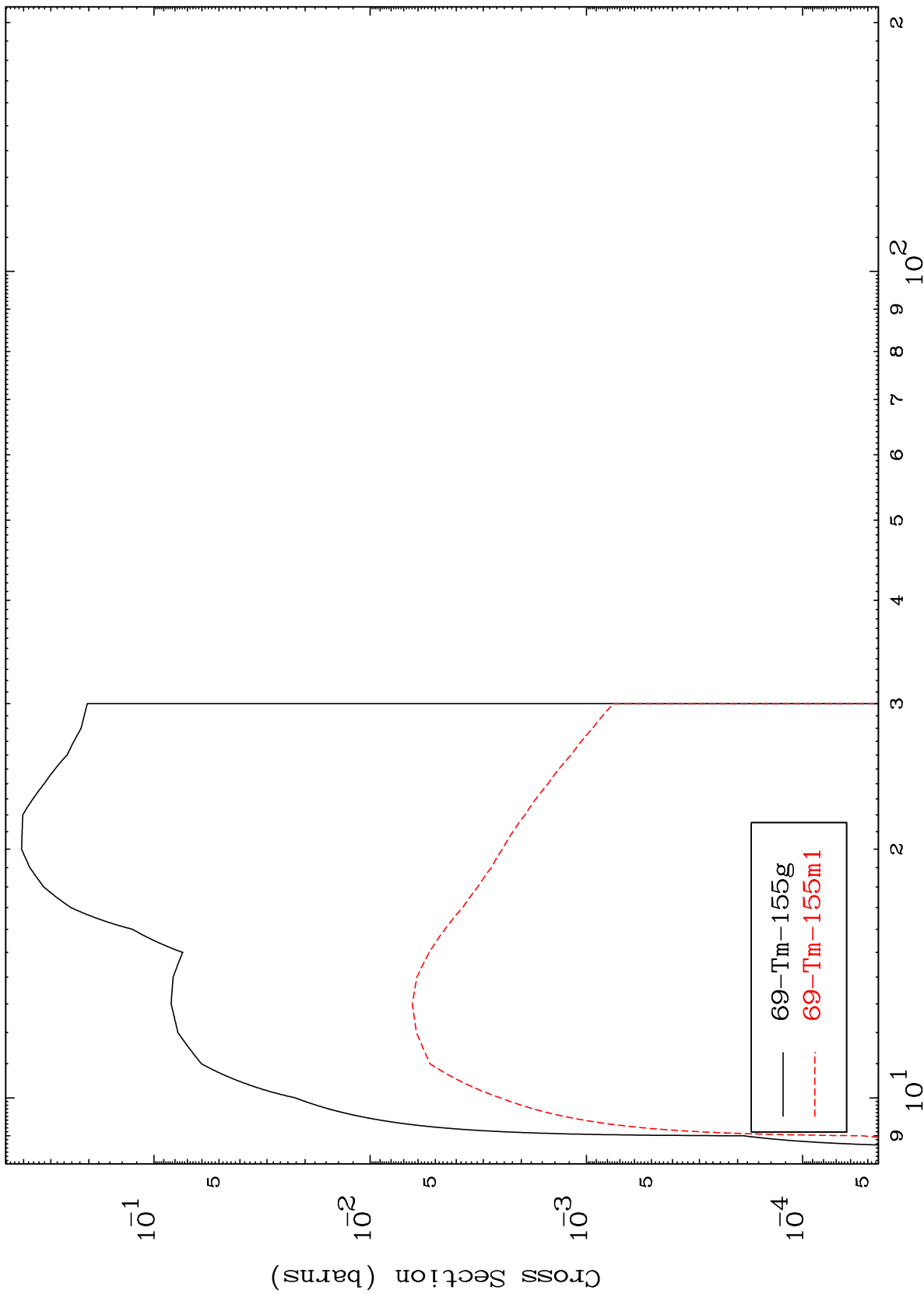
Incident Energy (MeV)

68-Er-155

MAT 6804

68-Er-155

(n,2n)
Radionuclide Production Cross Section



68-Er-155

Incident Energy (MeV)

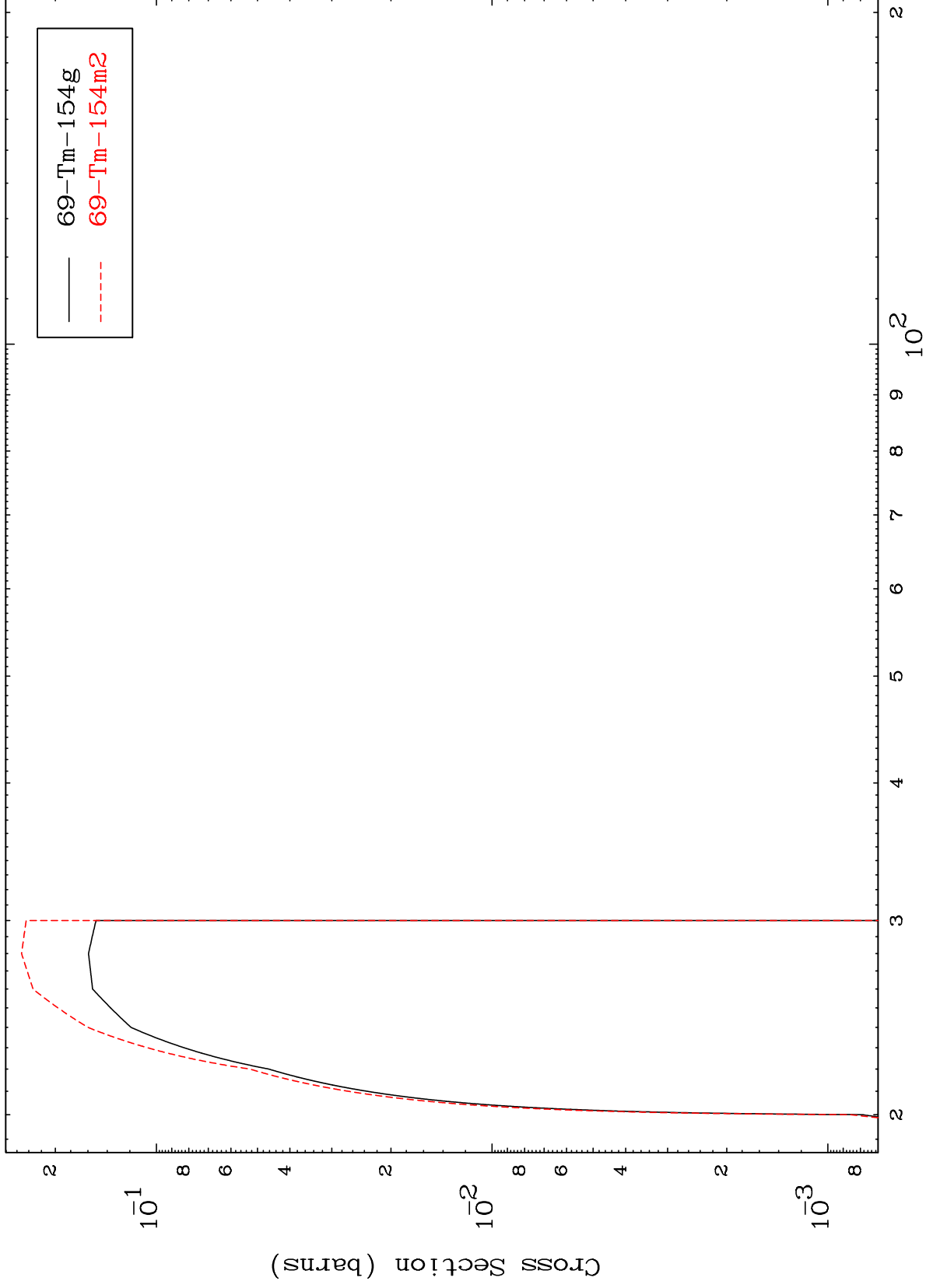
13

MAT 6804

(n,3n)

68-Er-155

Radionuclide Production Cross Section



14

Incident Energy (MeV)

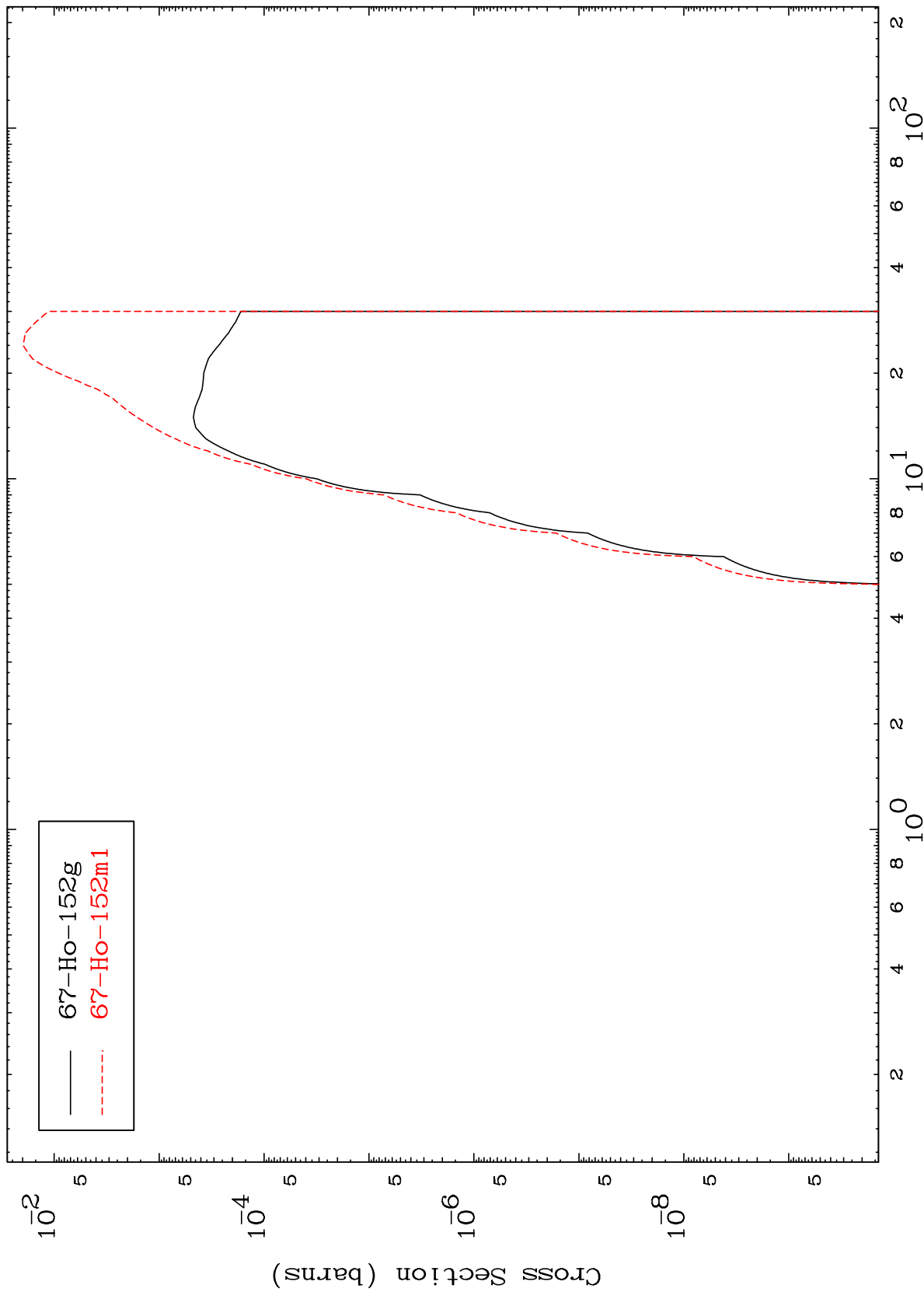
68-Er-155

MAT 6804

$(n, n') \alpha$

68-Er-155

Radionuclide Production Cross Section



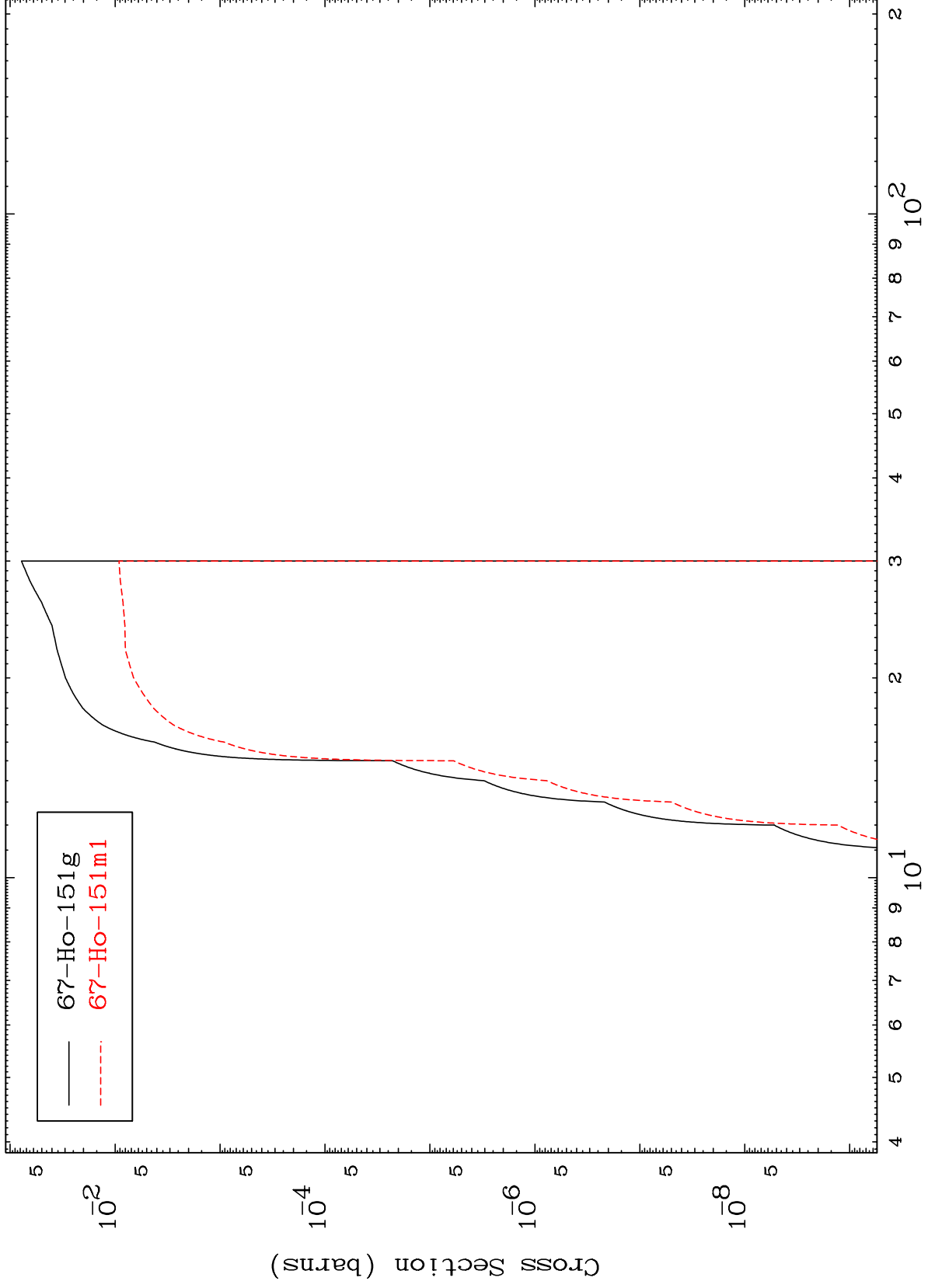
Legend:
— 67-Ho-152g
- - - 67-Ho-152m1

MAT 6804

$(n,2n) \alpha$

68-Er-155

Radionuclide Production Cross Section



— 67-Ho-151g
- - - 67-Ho-151m1

16

Incident Energy (MeV)

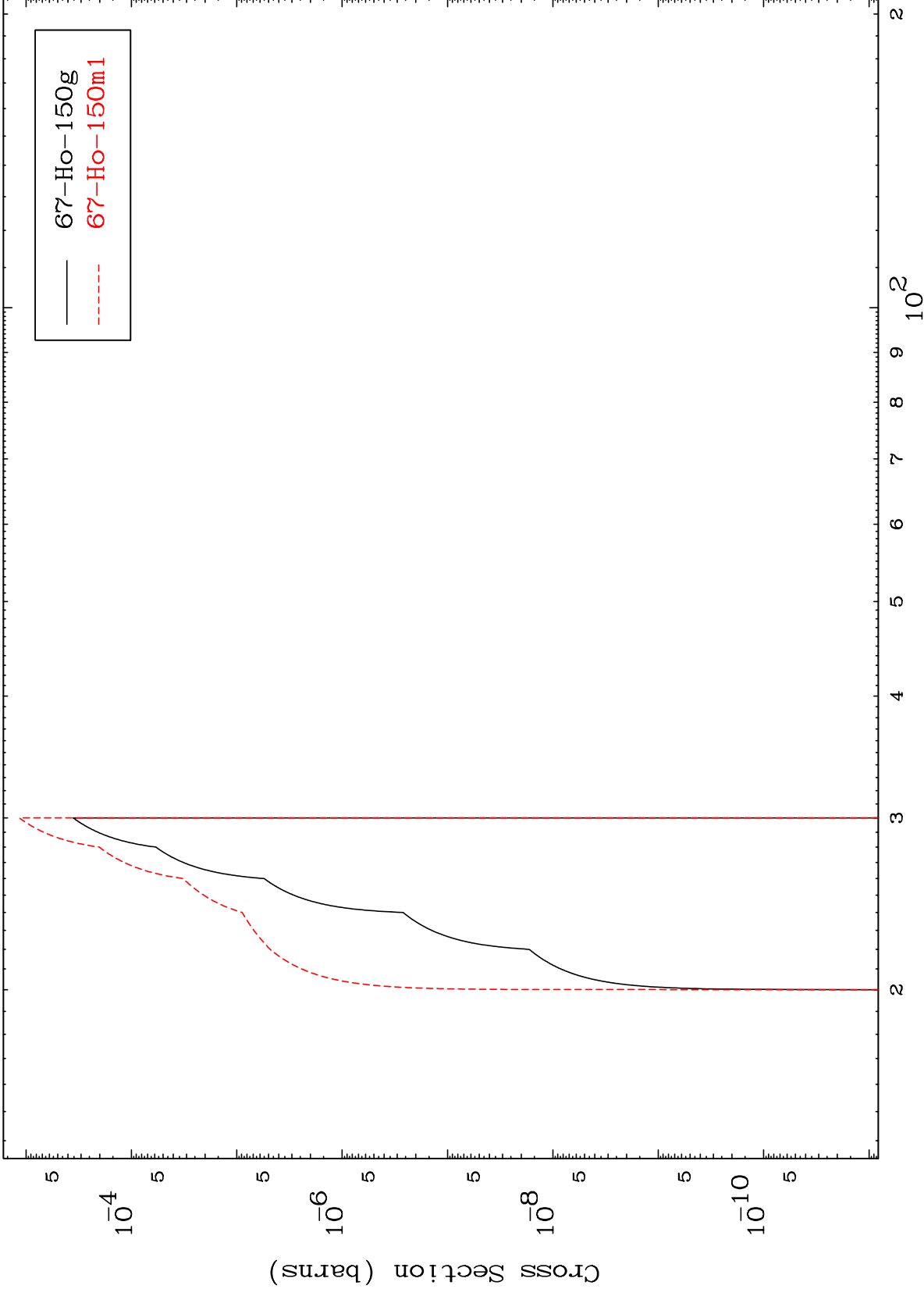
68-Er-155

MAT 6804

$(n,3n) \alpha$

68-Er-155

Radionuclide Production Cross Section



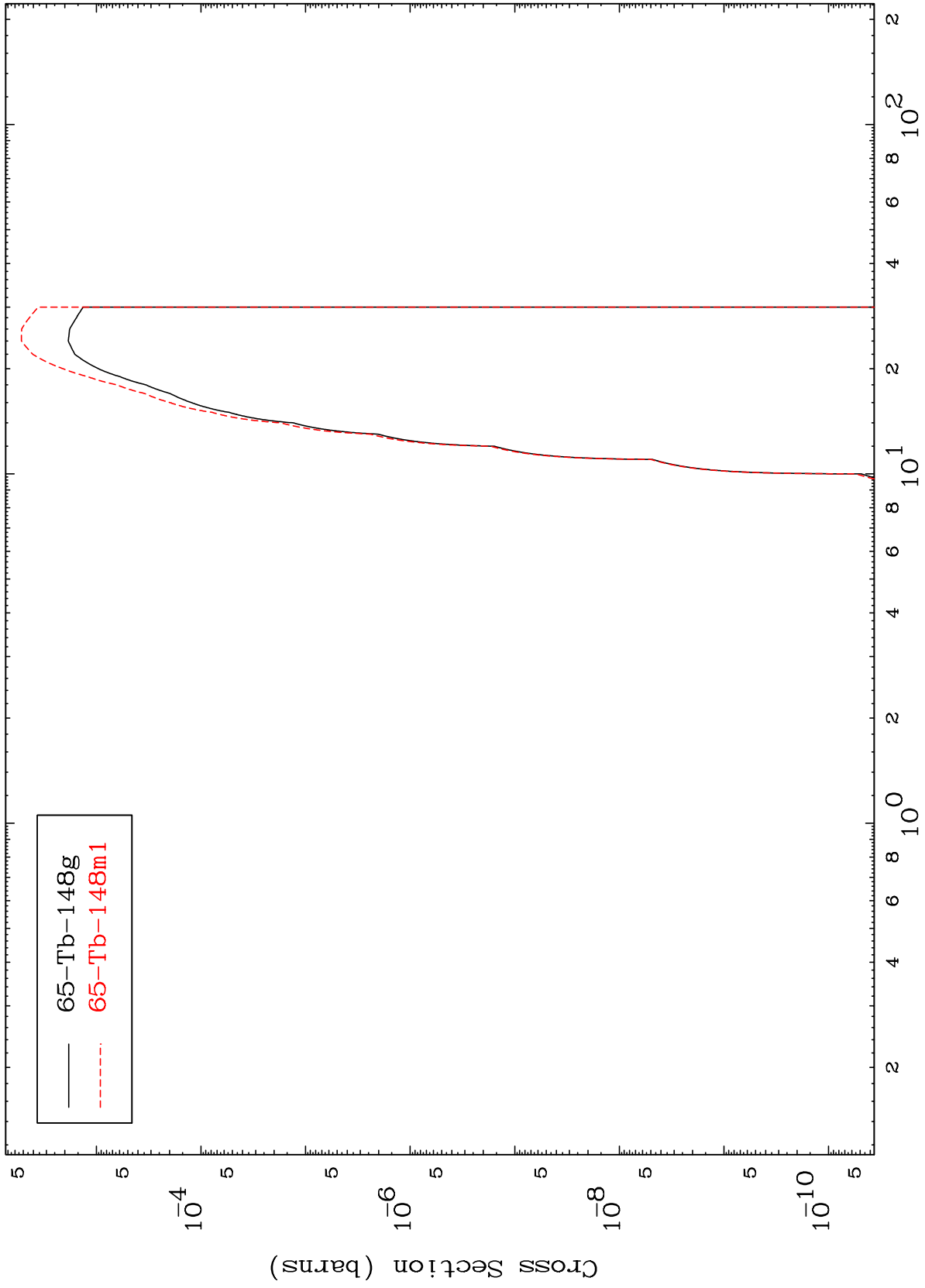
67-Ho-150g
67-Ho-150m1

MAT 6804

(n,n') 2α

68-Er-155

Radionuclide Production Cross Section

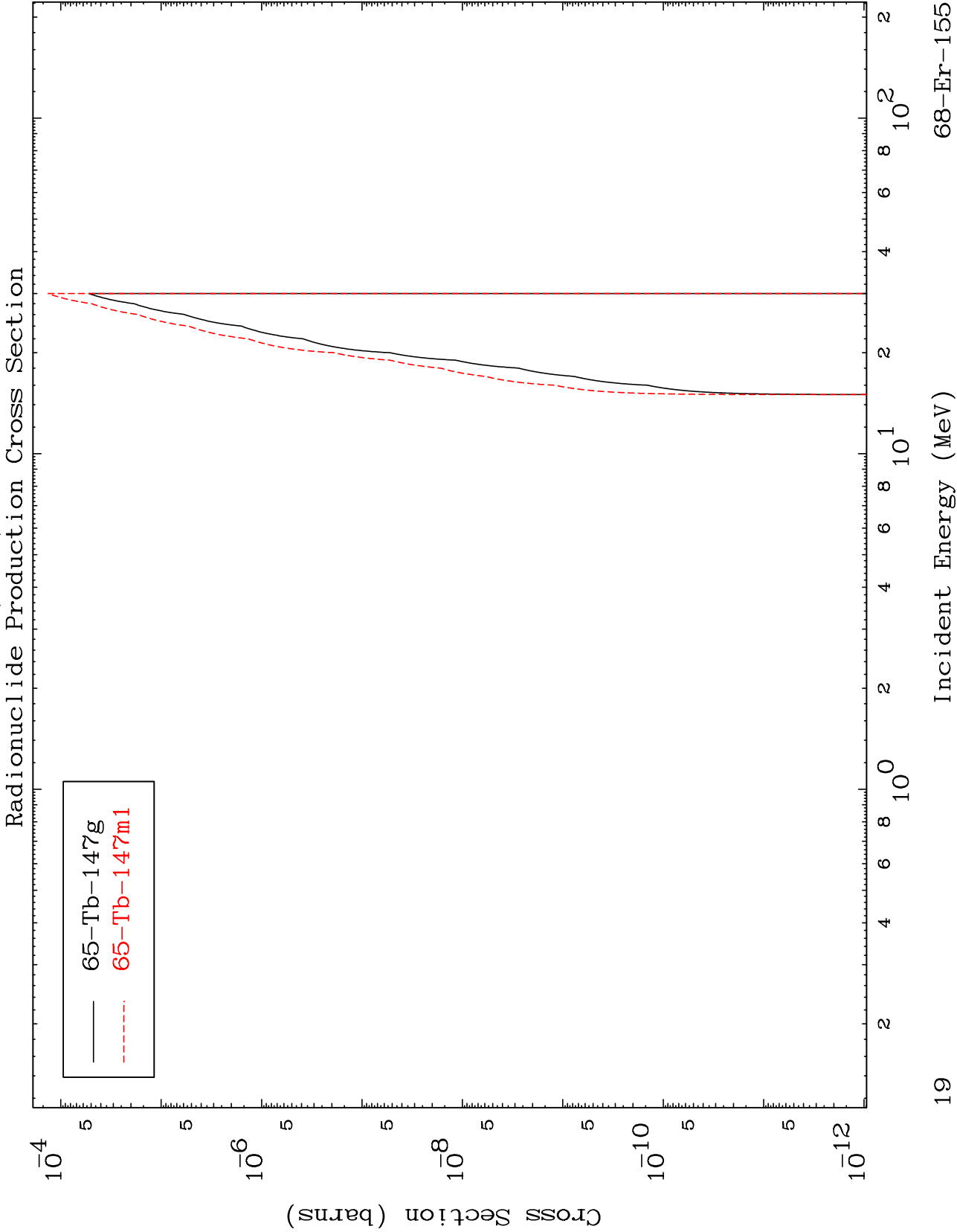


65-Tb-148g
65-Tb-148m1

MAT 6804

(n,2n) 2 α

68-Er-155

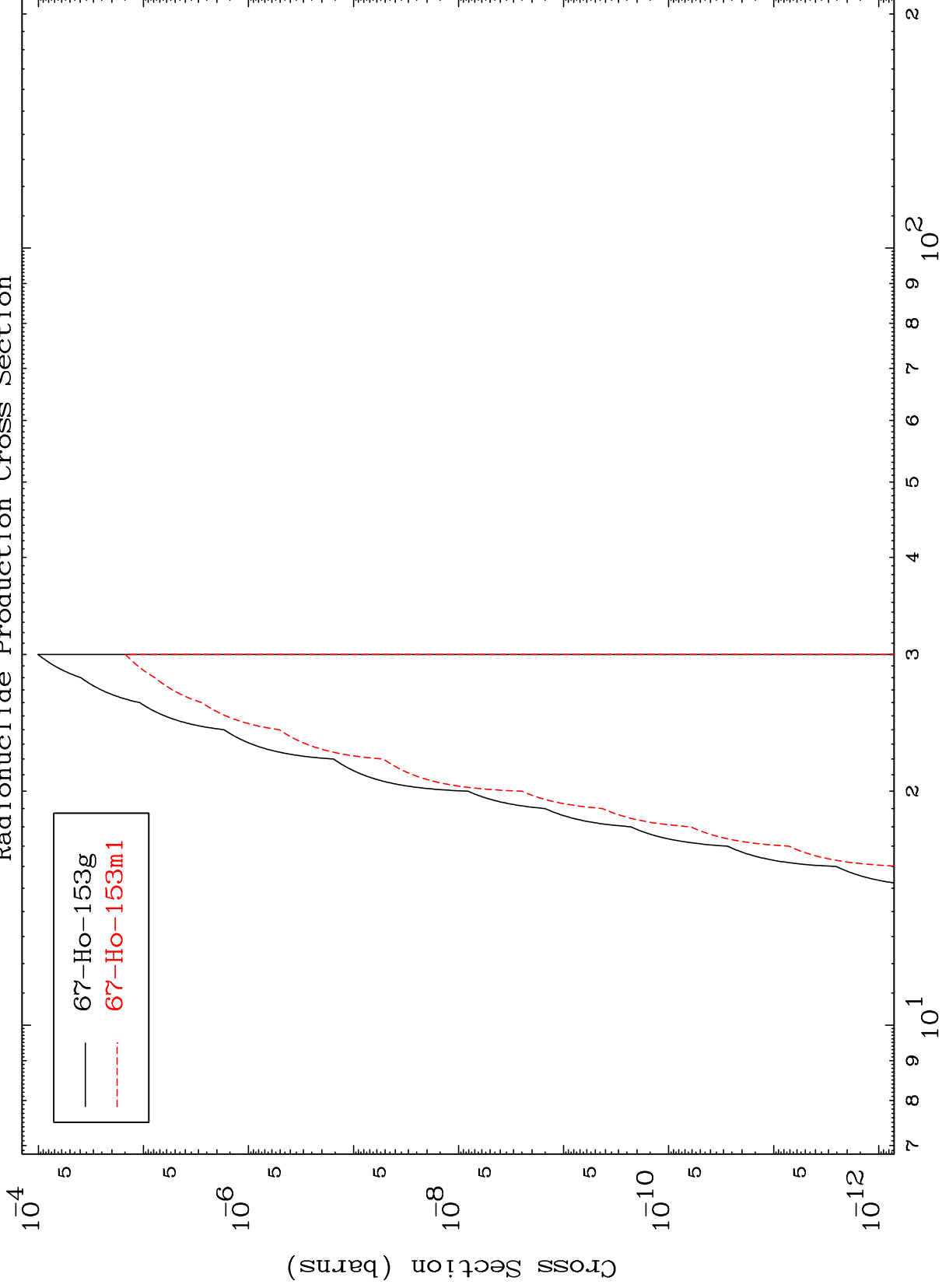


MAT 6804

(n,n') He-3

68-Er-155

Radionuclide Production Cross Section



20

Incident Energy (MeV)

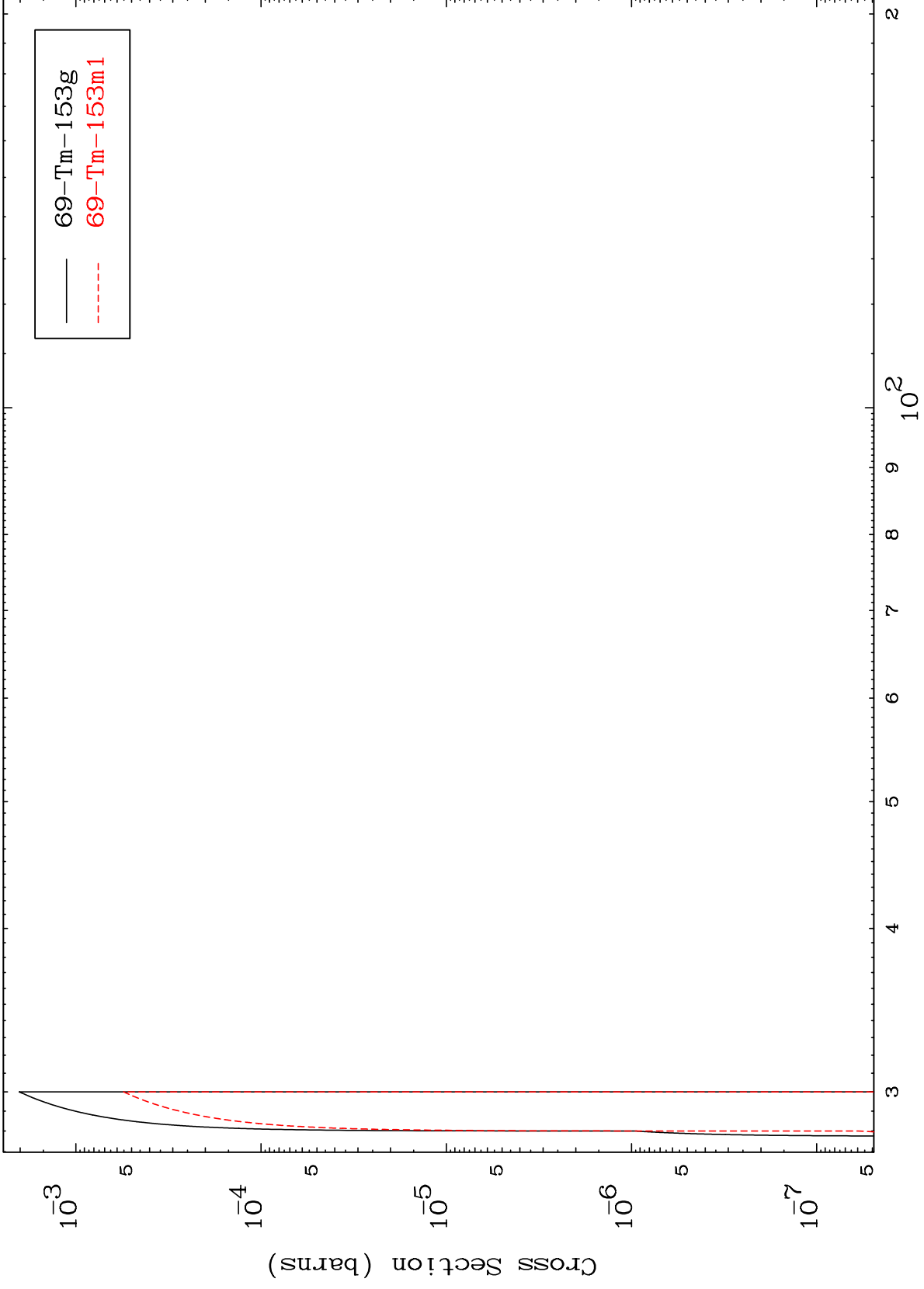
68-Er-155

MAT 6804

(n,4n)

68-Er-155

Radionuclide Production Cross Section



21

Incident Energy (MeV)

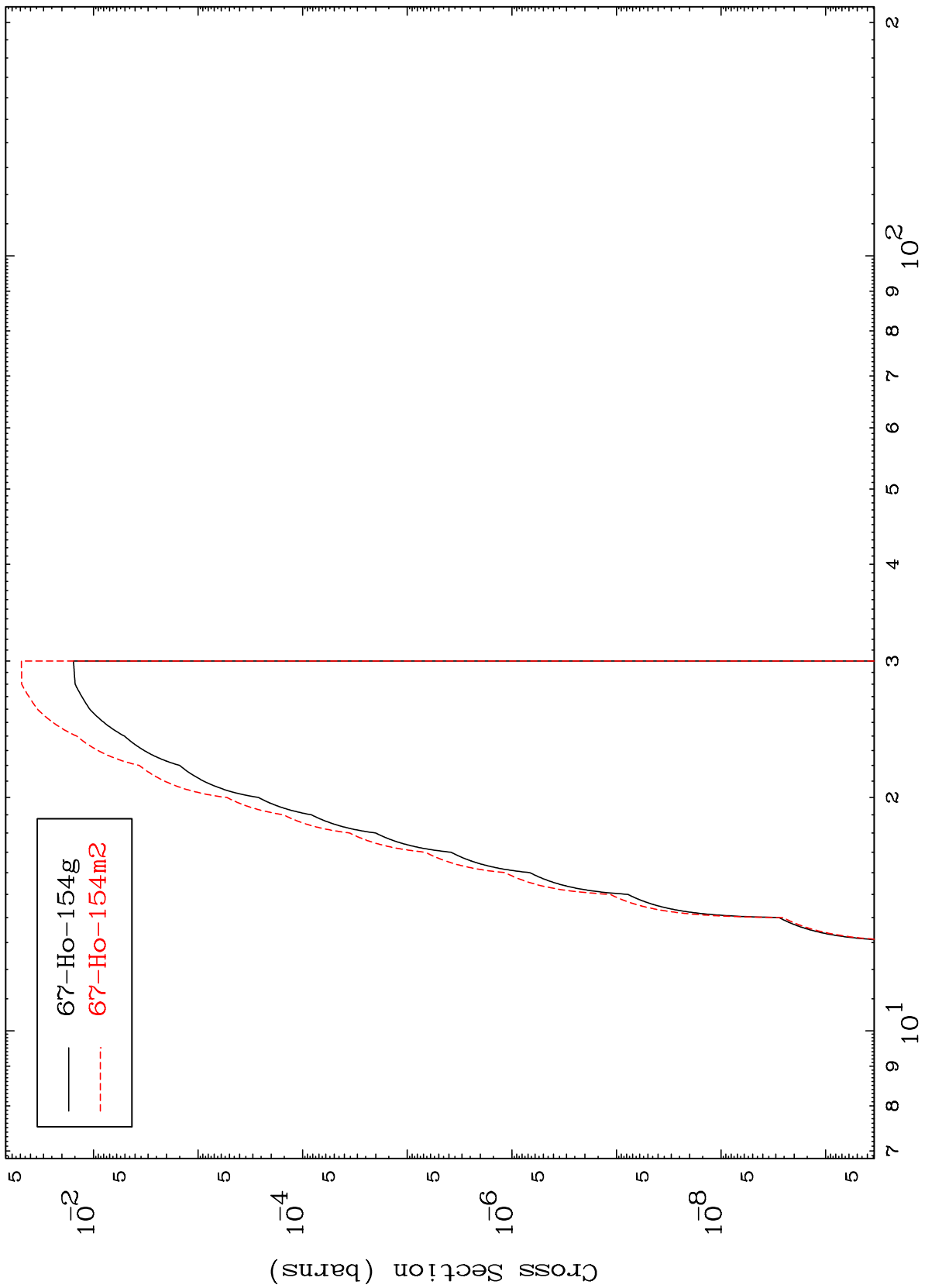
68-Er-155

MAT 6804

(n,2n) p

68-Er-155

Radionuclide Production Cross Section



22

Incident Energy (MeV)

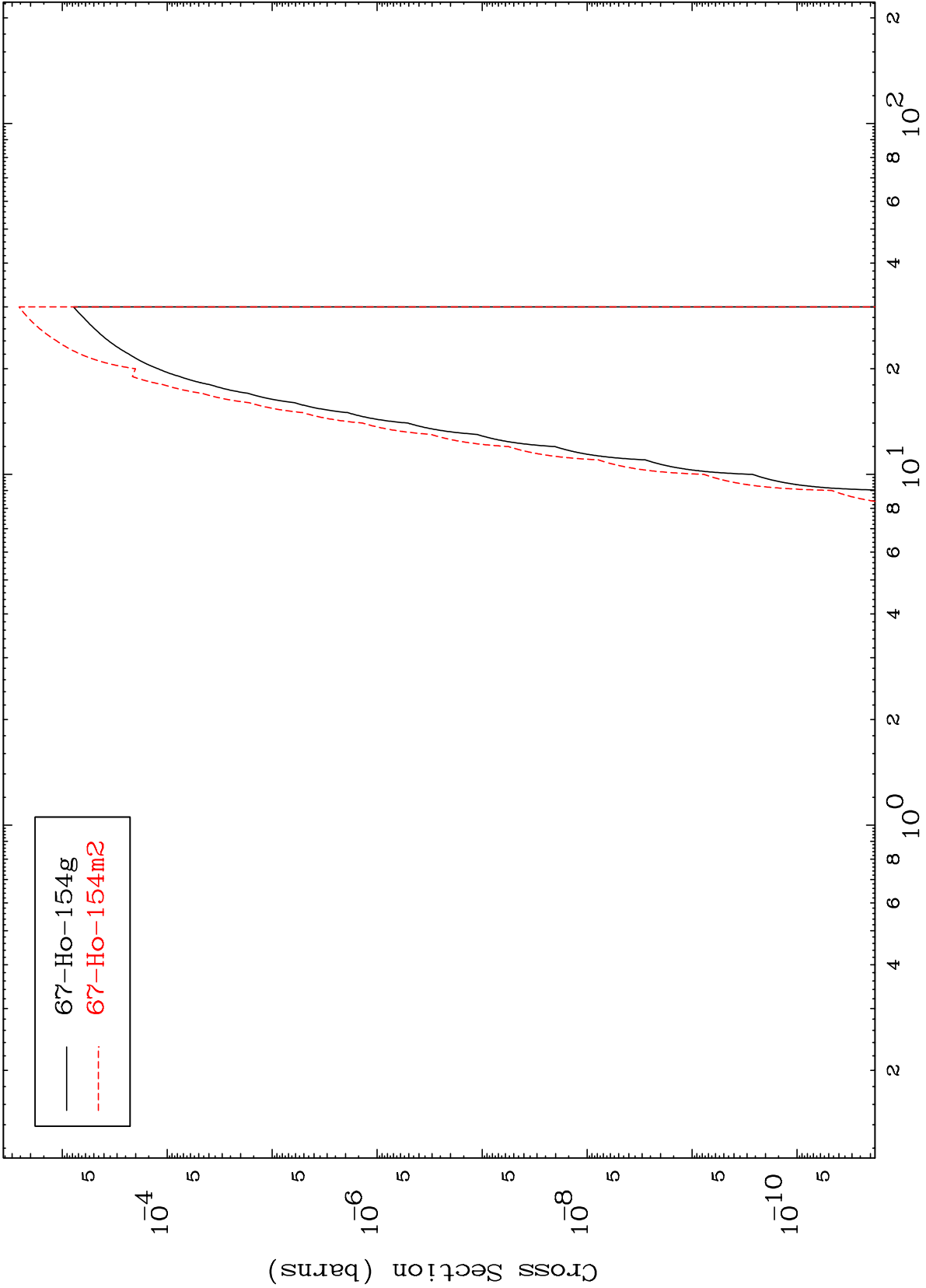
68-Er-155

MAT 6804

(n,He-3)

68-Er-155

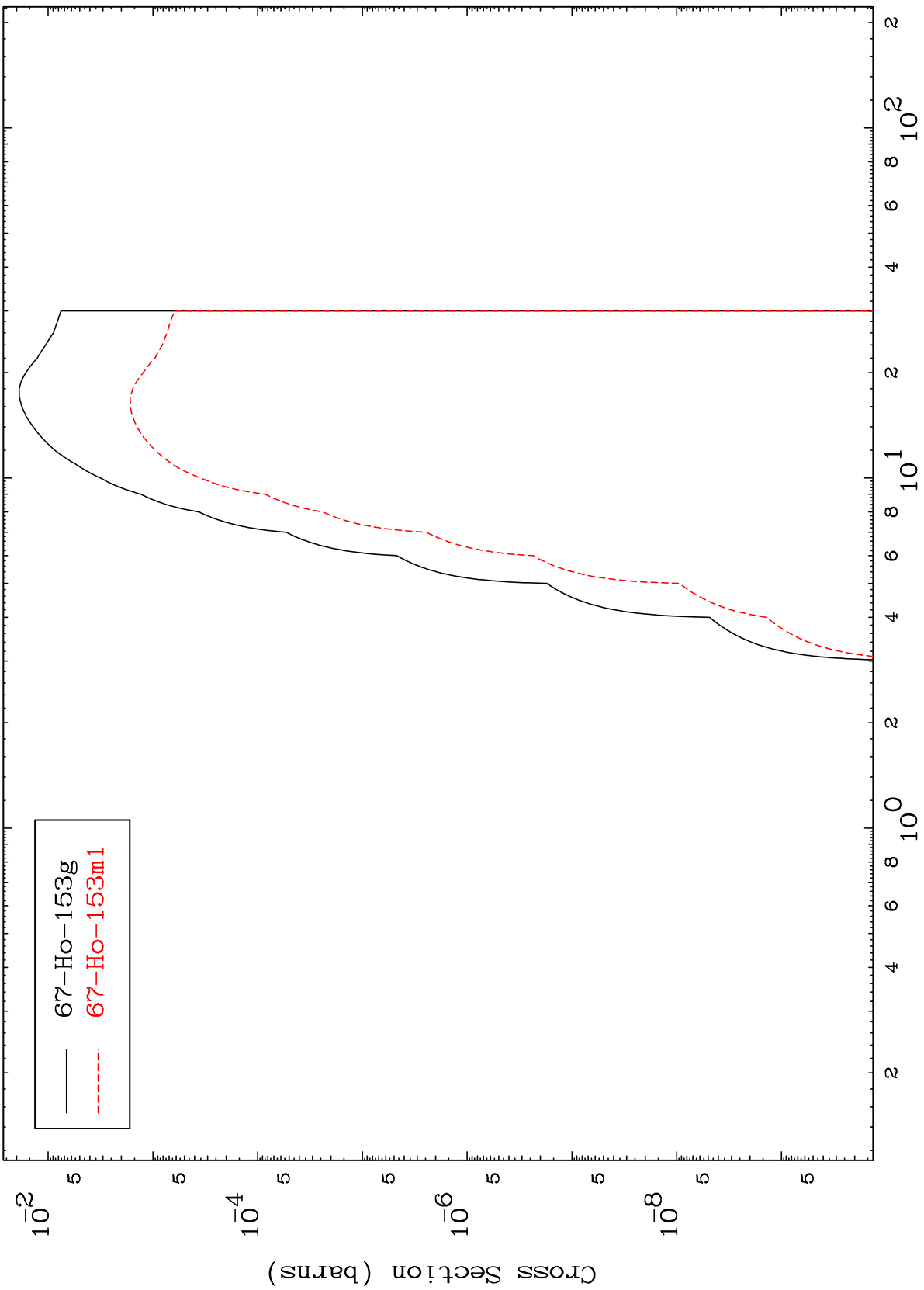
Radionuclide Production Cross Section



MAT 6804

68-Er-155

Radionuclide Production Cross Section
(n, α)

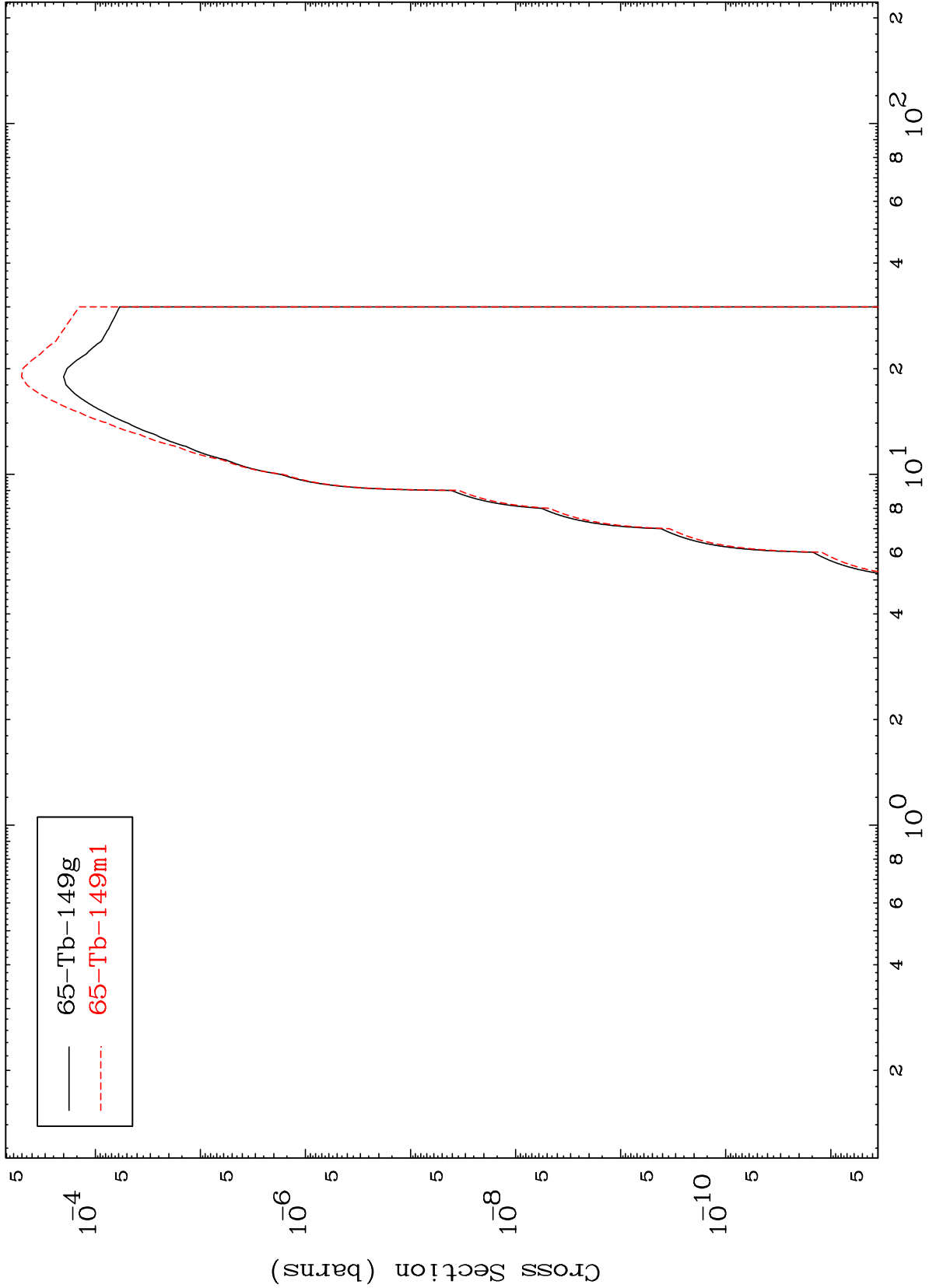


MAT 6804

(n,2α)

68-Er-155

Radionuclide Production Cross Section



25

Incident Energy (MeV)

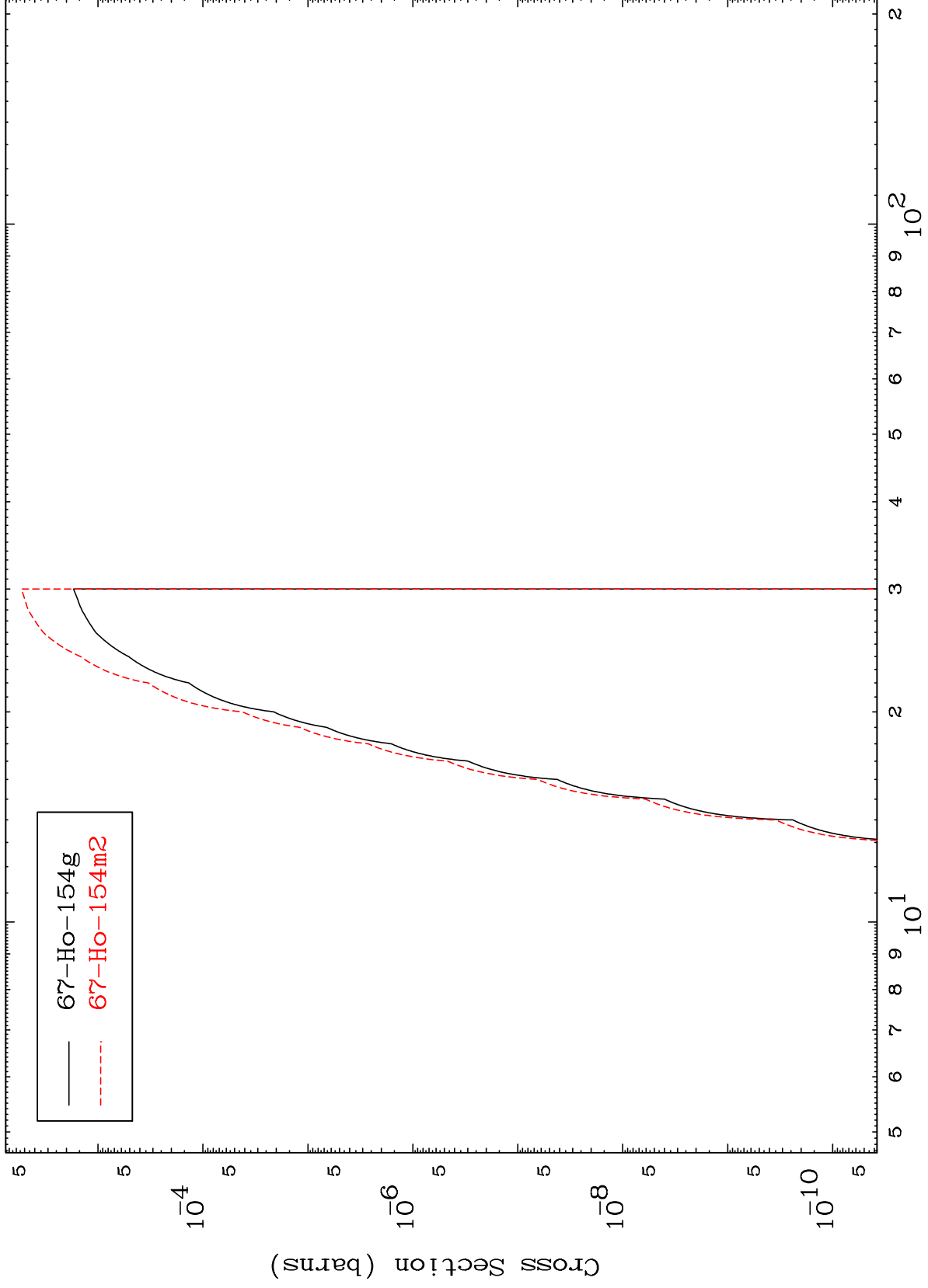
68-Er-155

MAT 6804

(n,p) d

68-Er-155

Radionuclide Production Cross Section



26

Incident Energy (MeV)

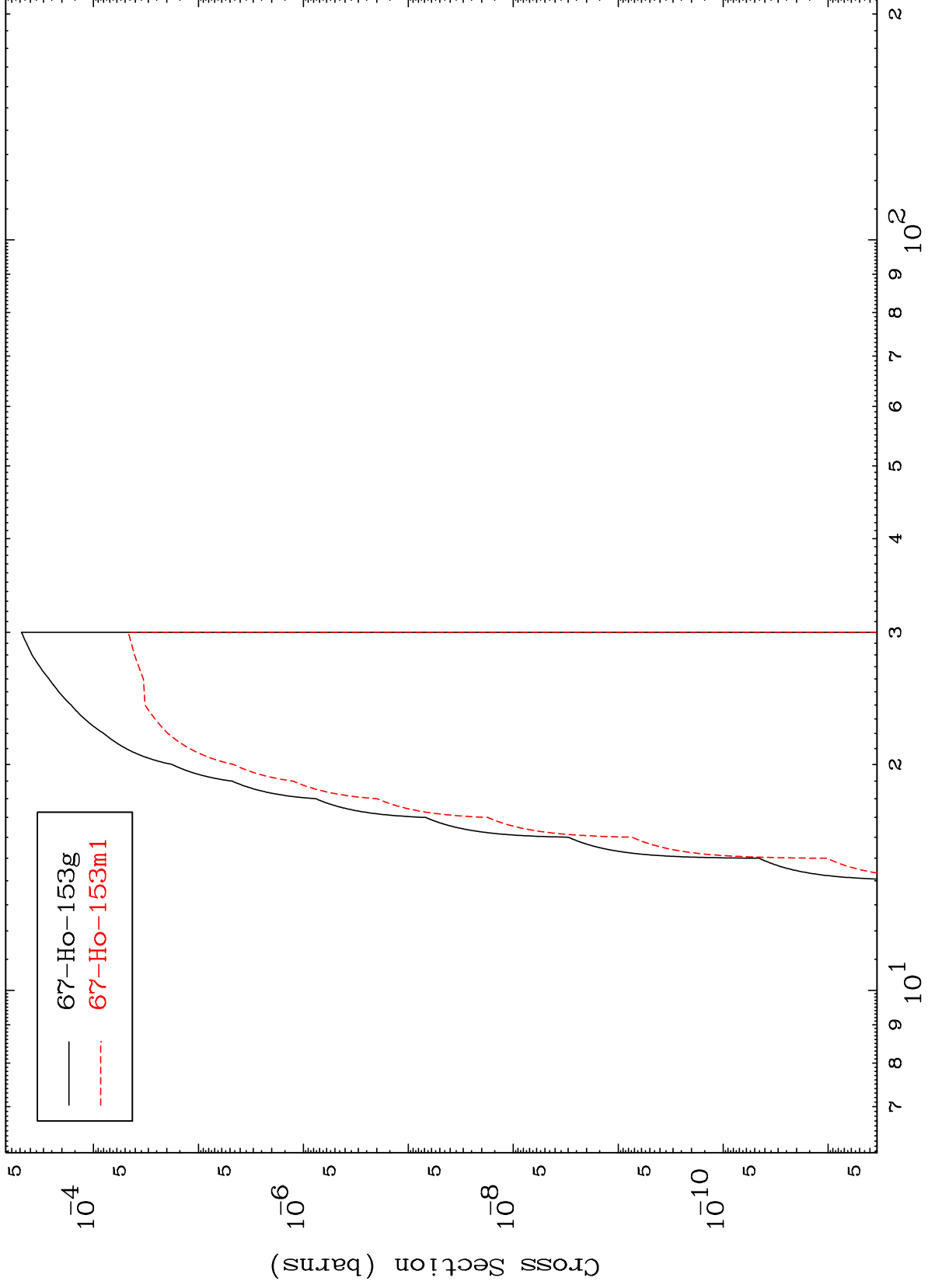
68-Er-155

MAT 6804

(n,p) t

68-Er-155

Radionuclide Production Cross Section



27

Incident Energy (MeV)

68-Er-155