

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

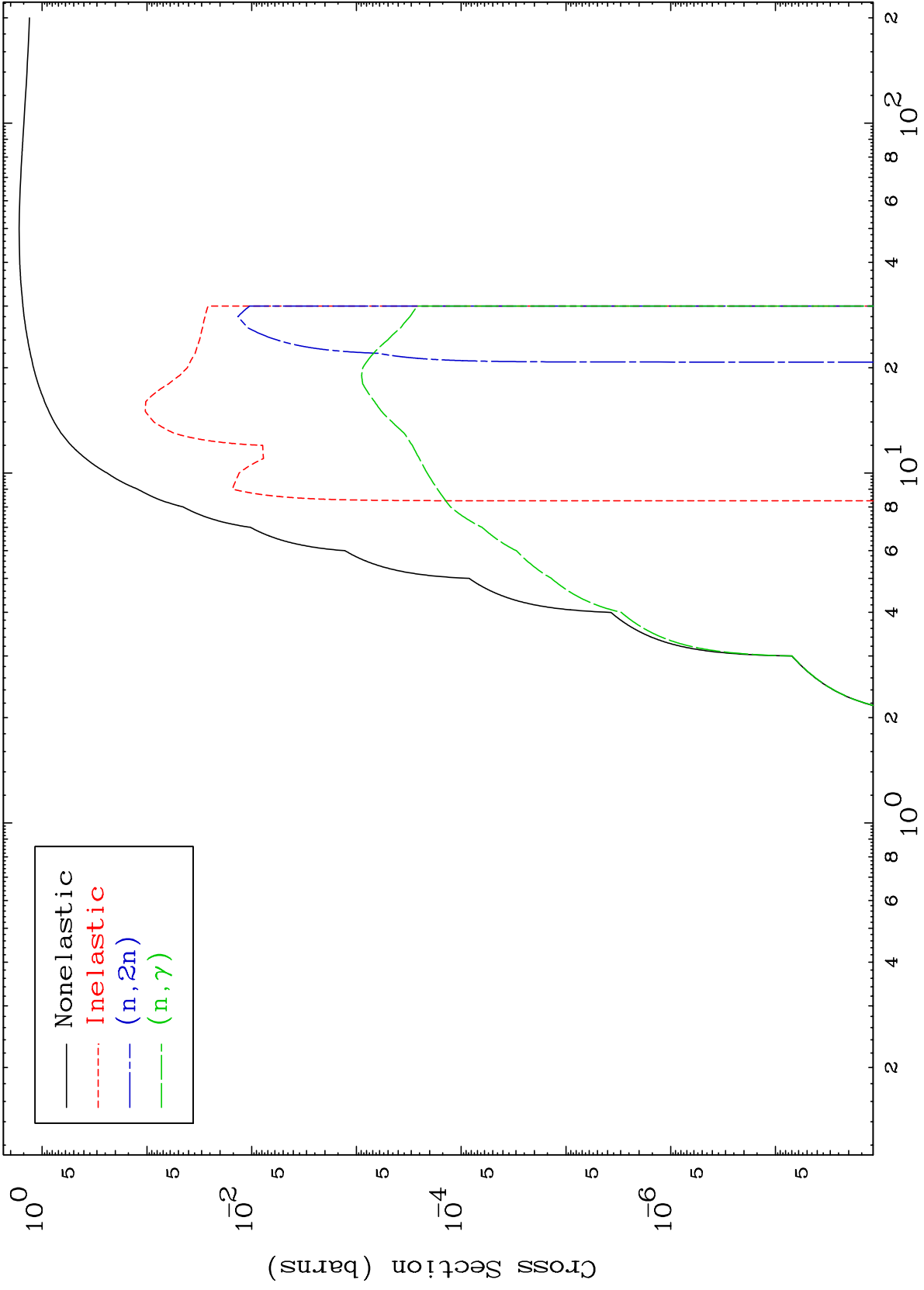
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

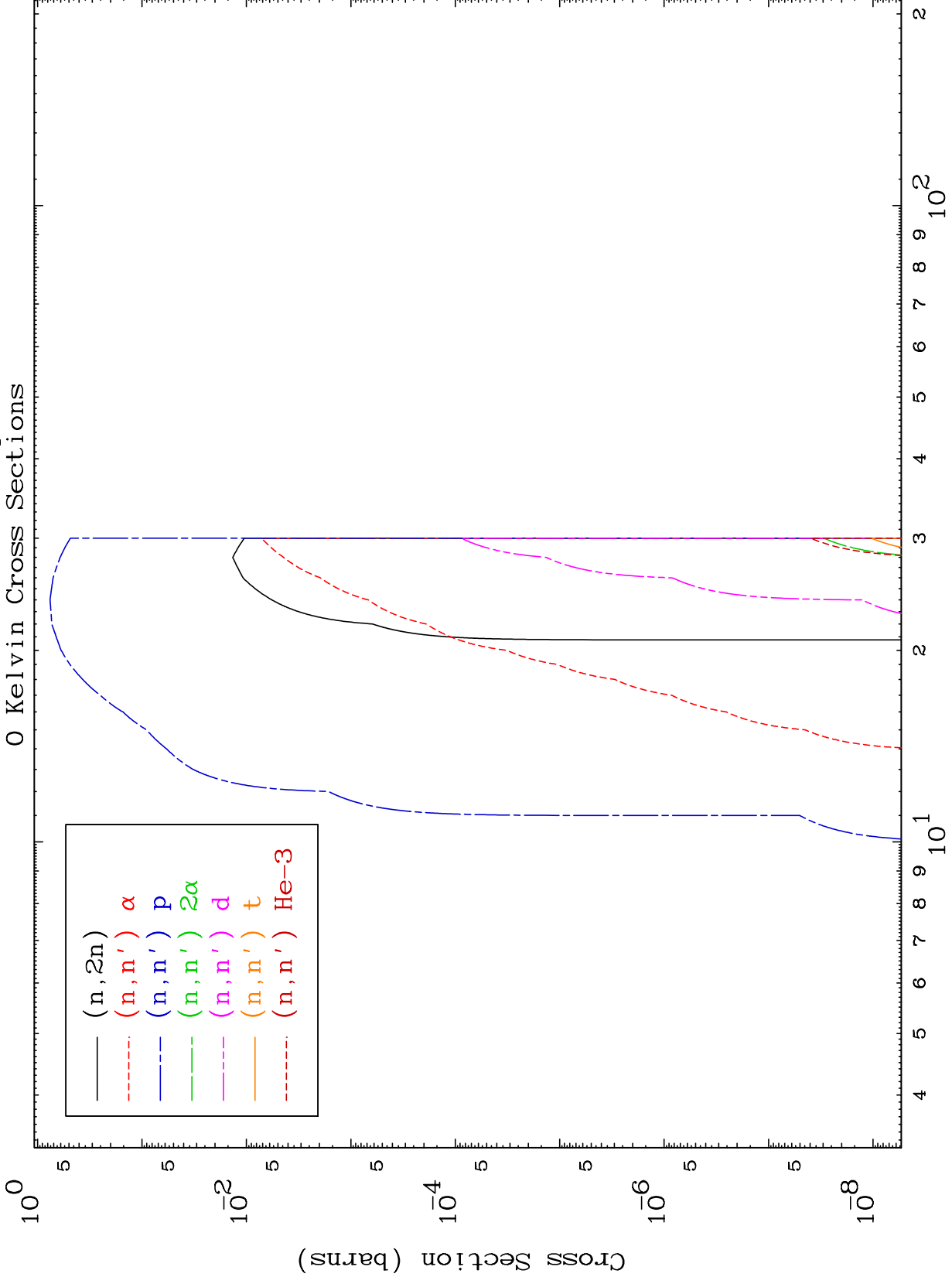
Tele: 925-443-1911

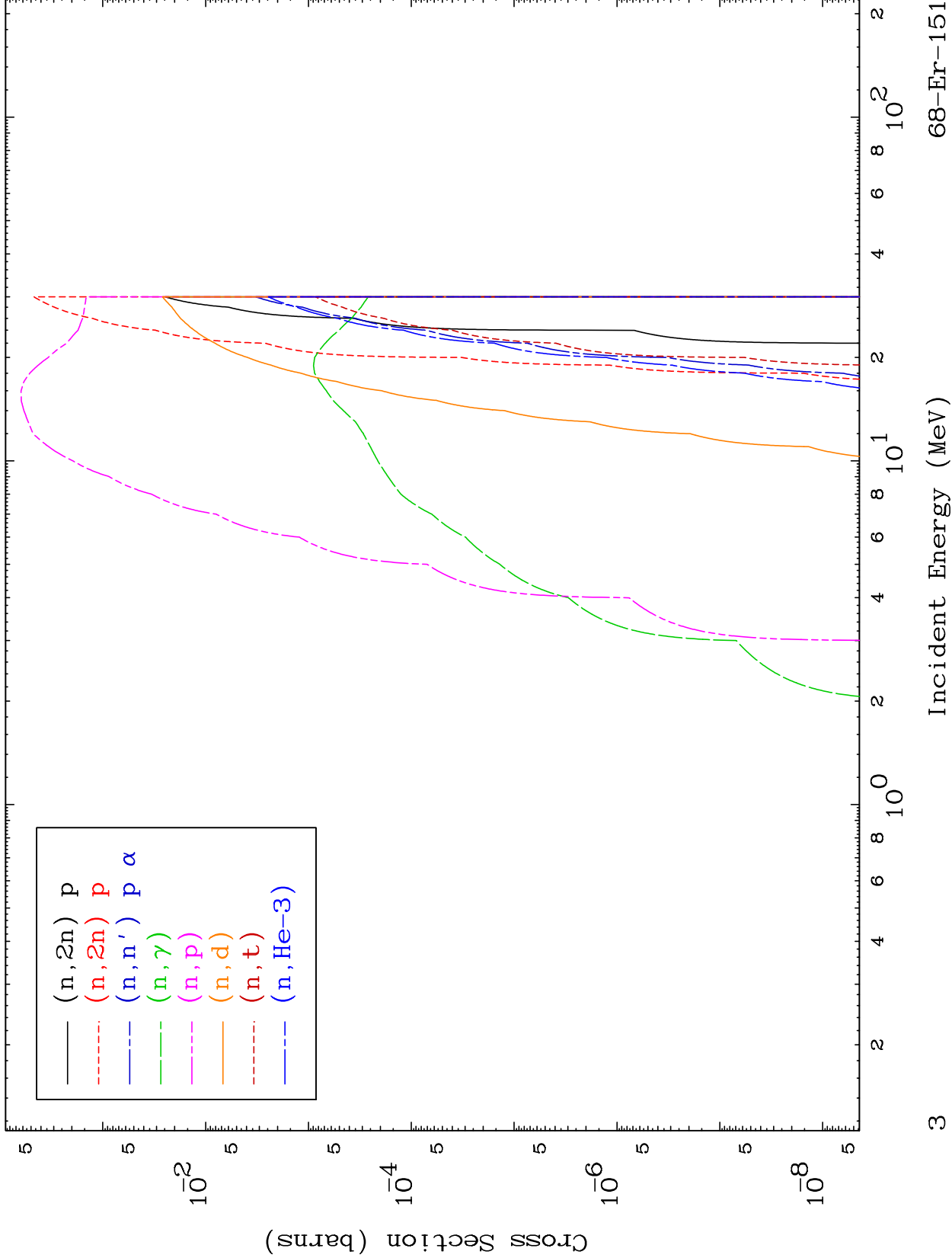
E.Mail: redcullen1@comcast.net

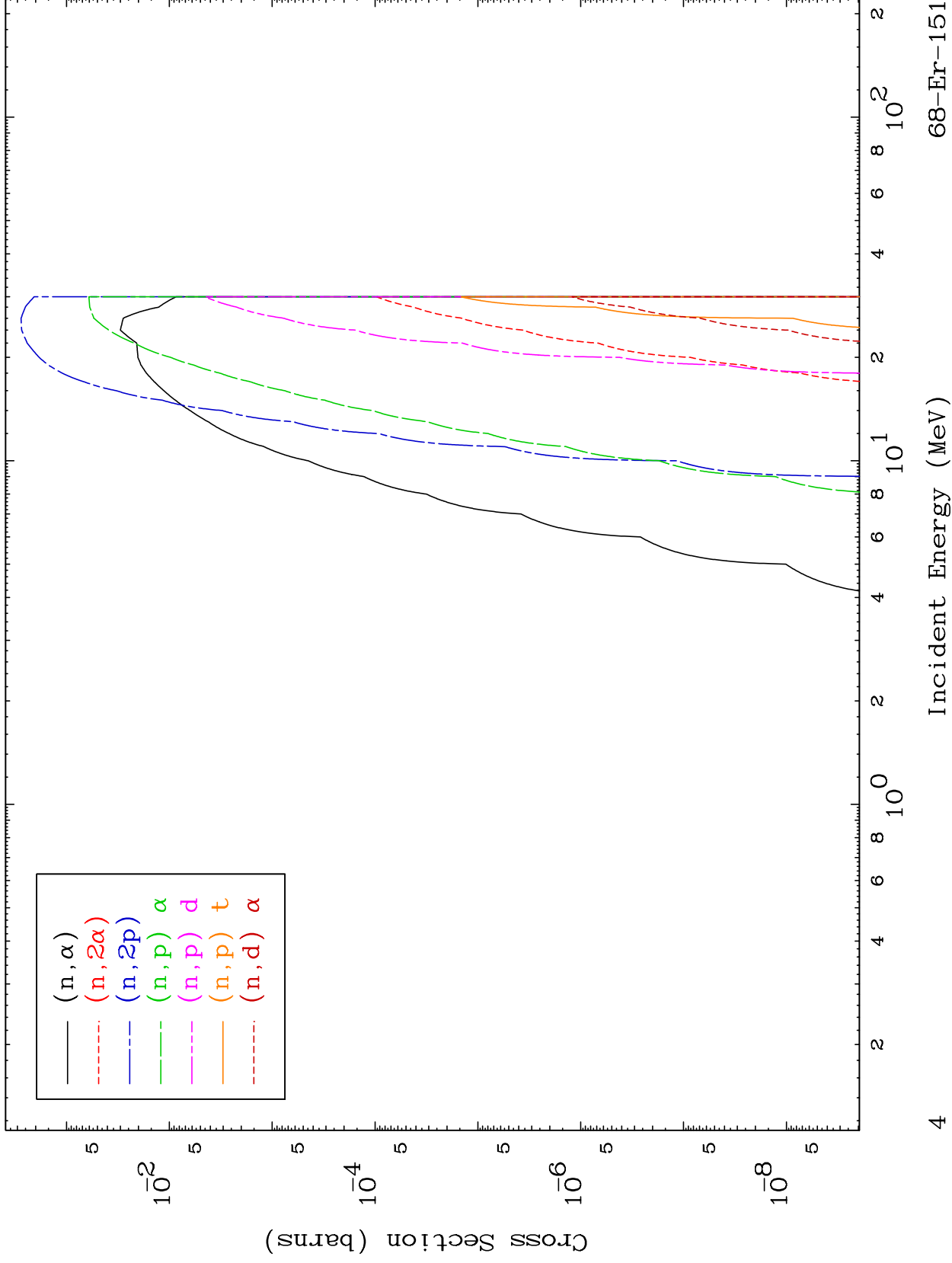
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





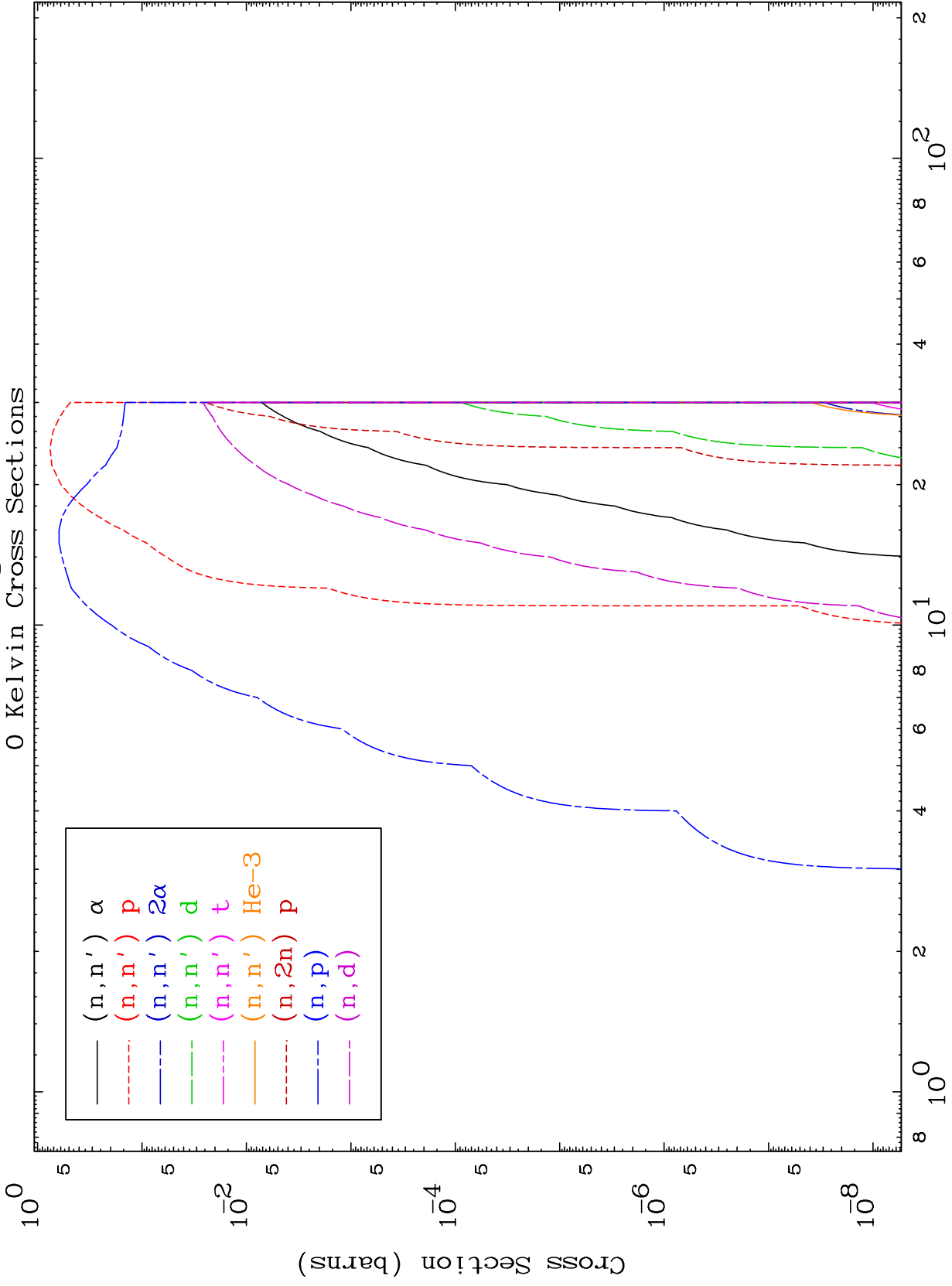




MAT 6792

Proton Charged Particle
0 Kelvin Cross Sections

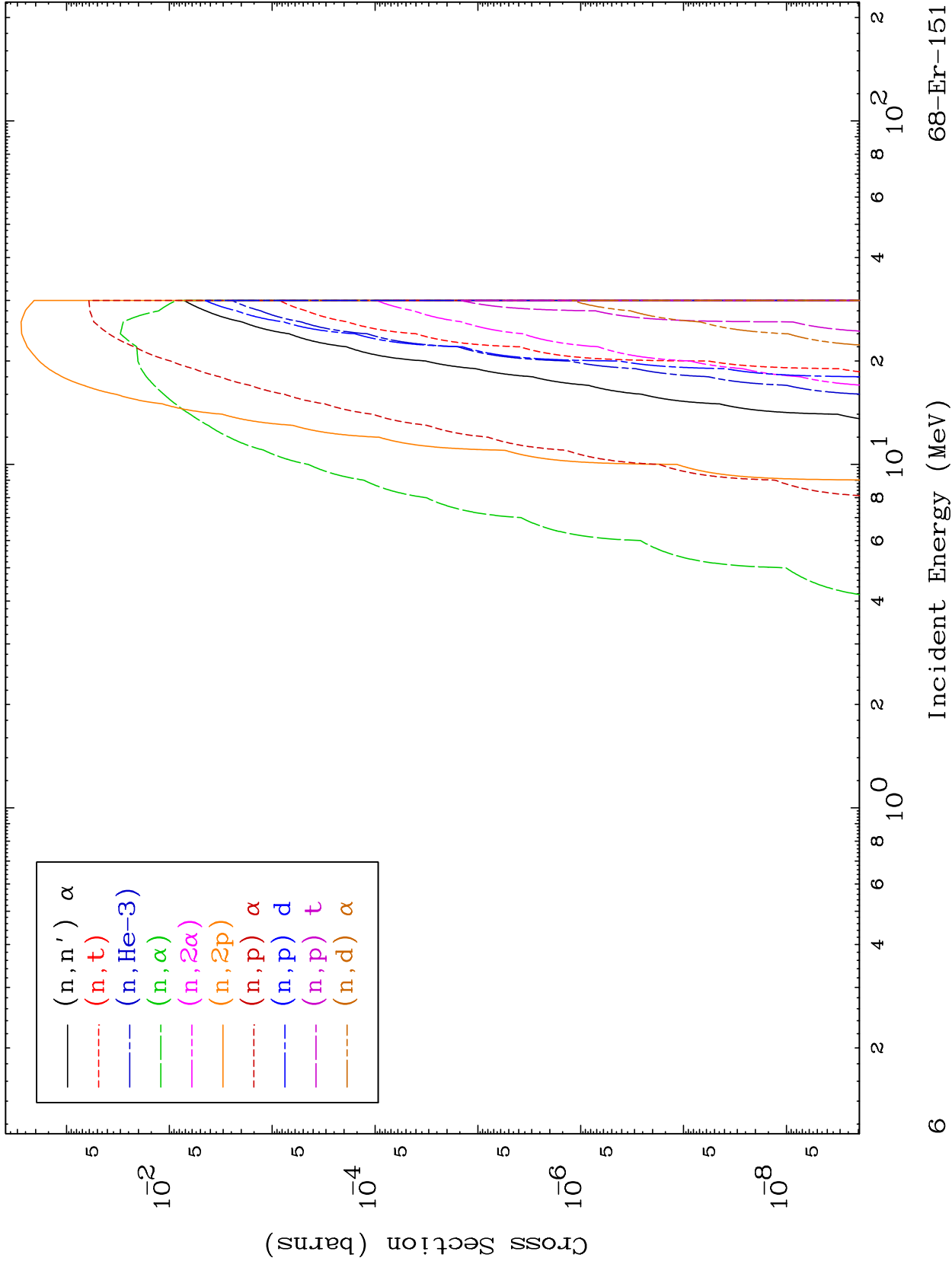
68-Er-151



68-Er-151

Incident Energy (MeV)

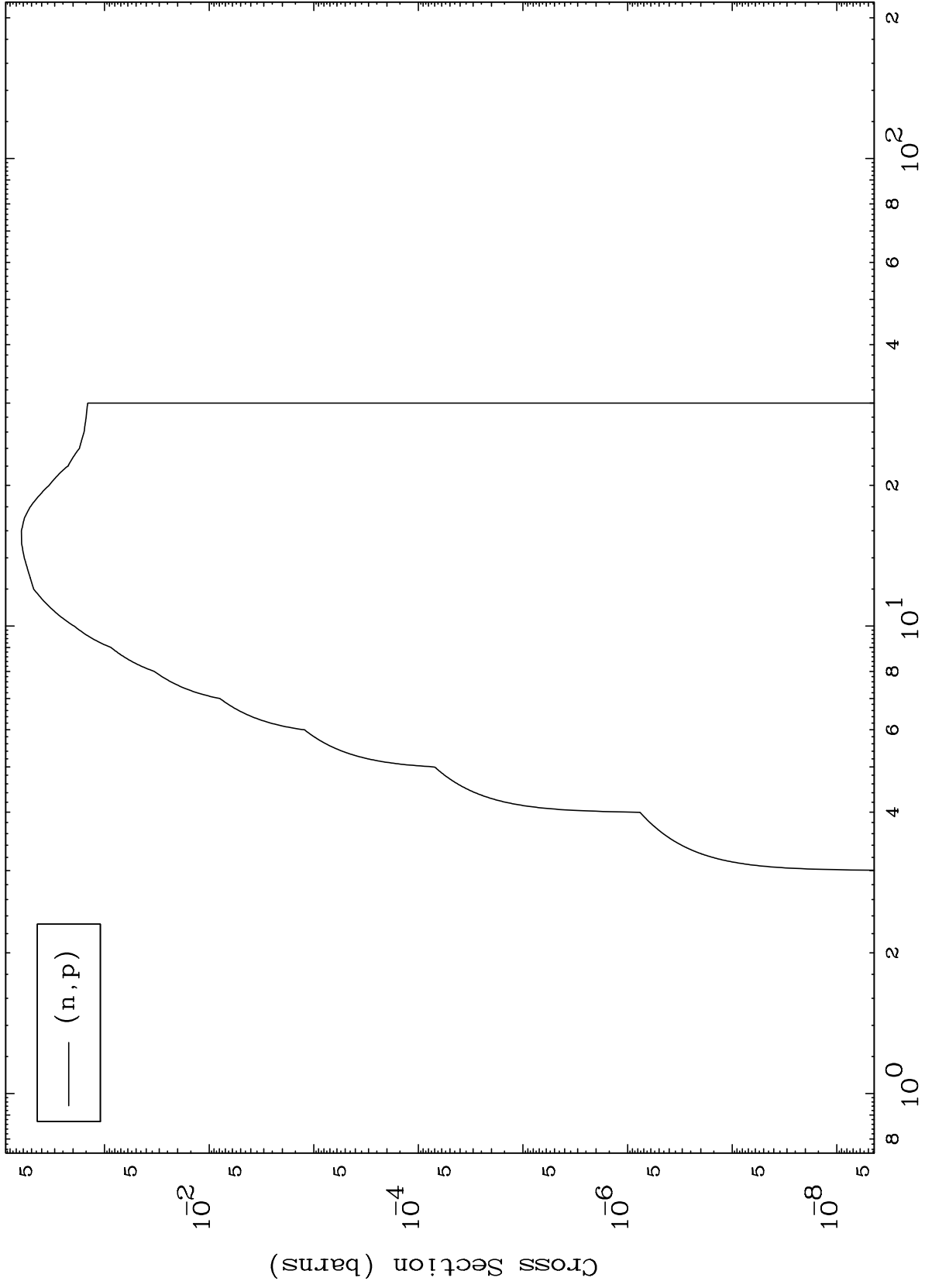
5



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68-Er-151

(p,p) Levels
0 Kelvin Cross Sections



68-Er-151

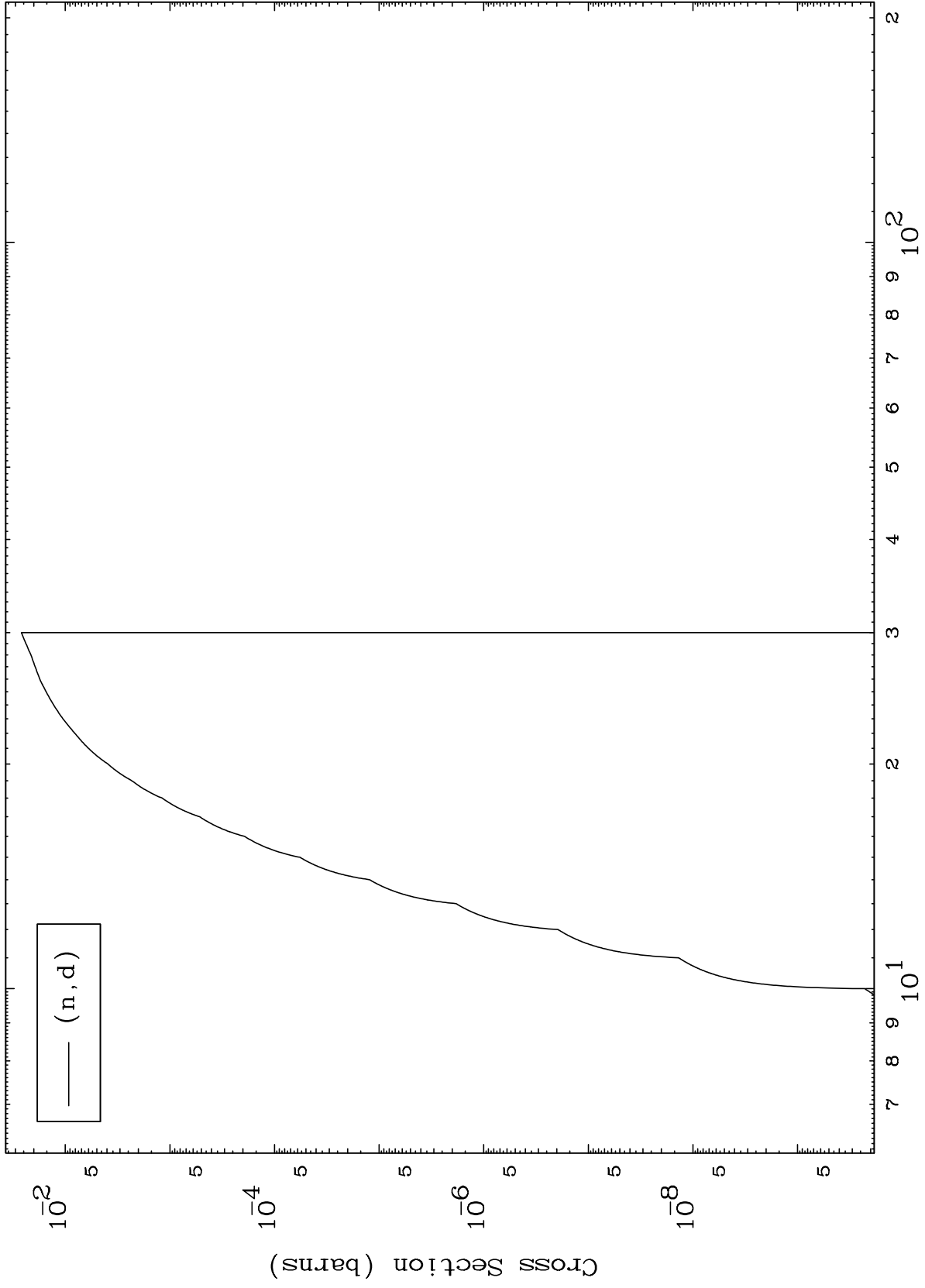
Incident Energy (MeV)

7

MAT 6792

(p,d) Levels
0 Kelvin Cross Sections

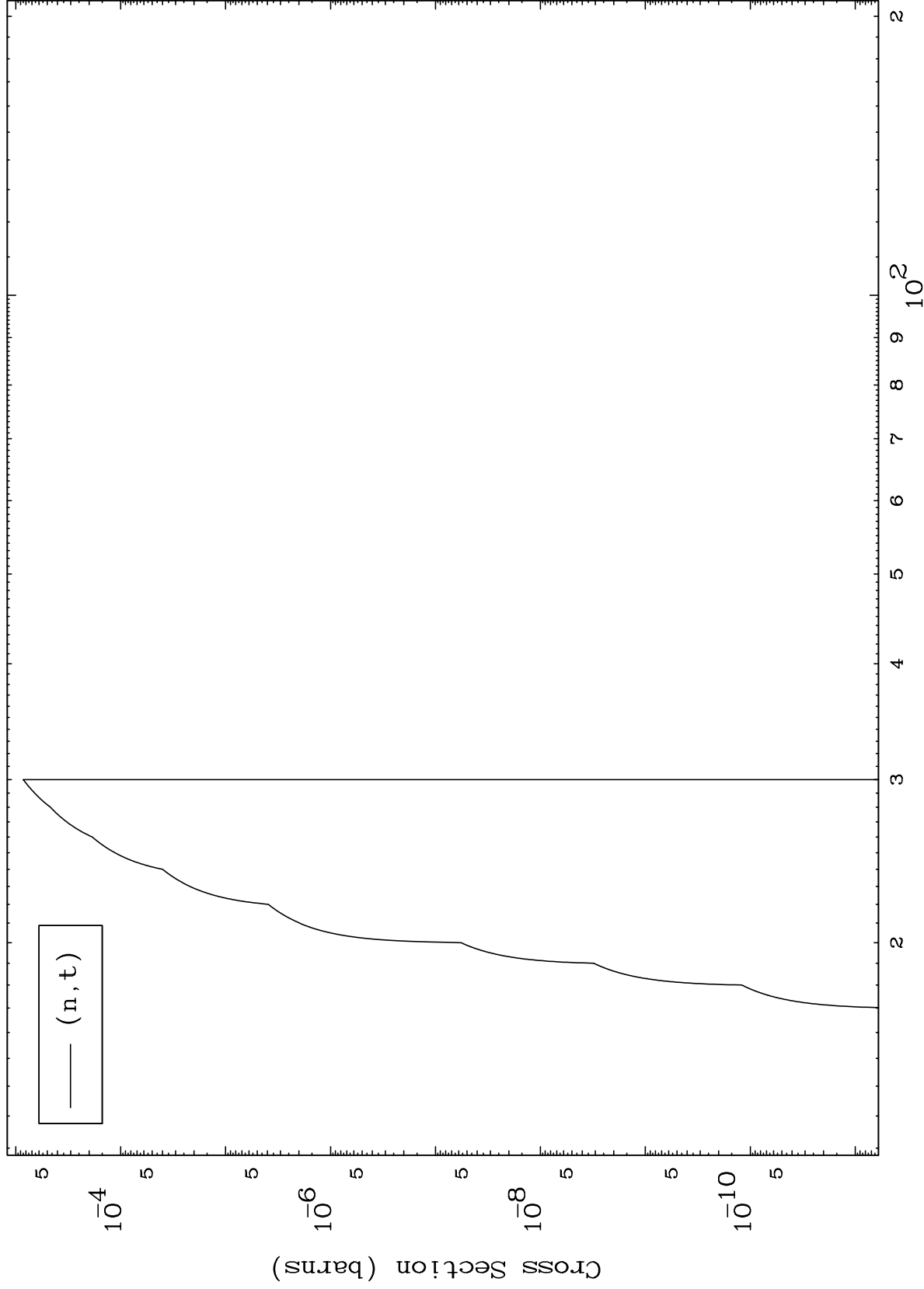
68-Er-151



8

Incident Energy (MeV)

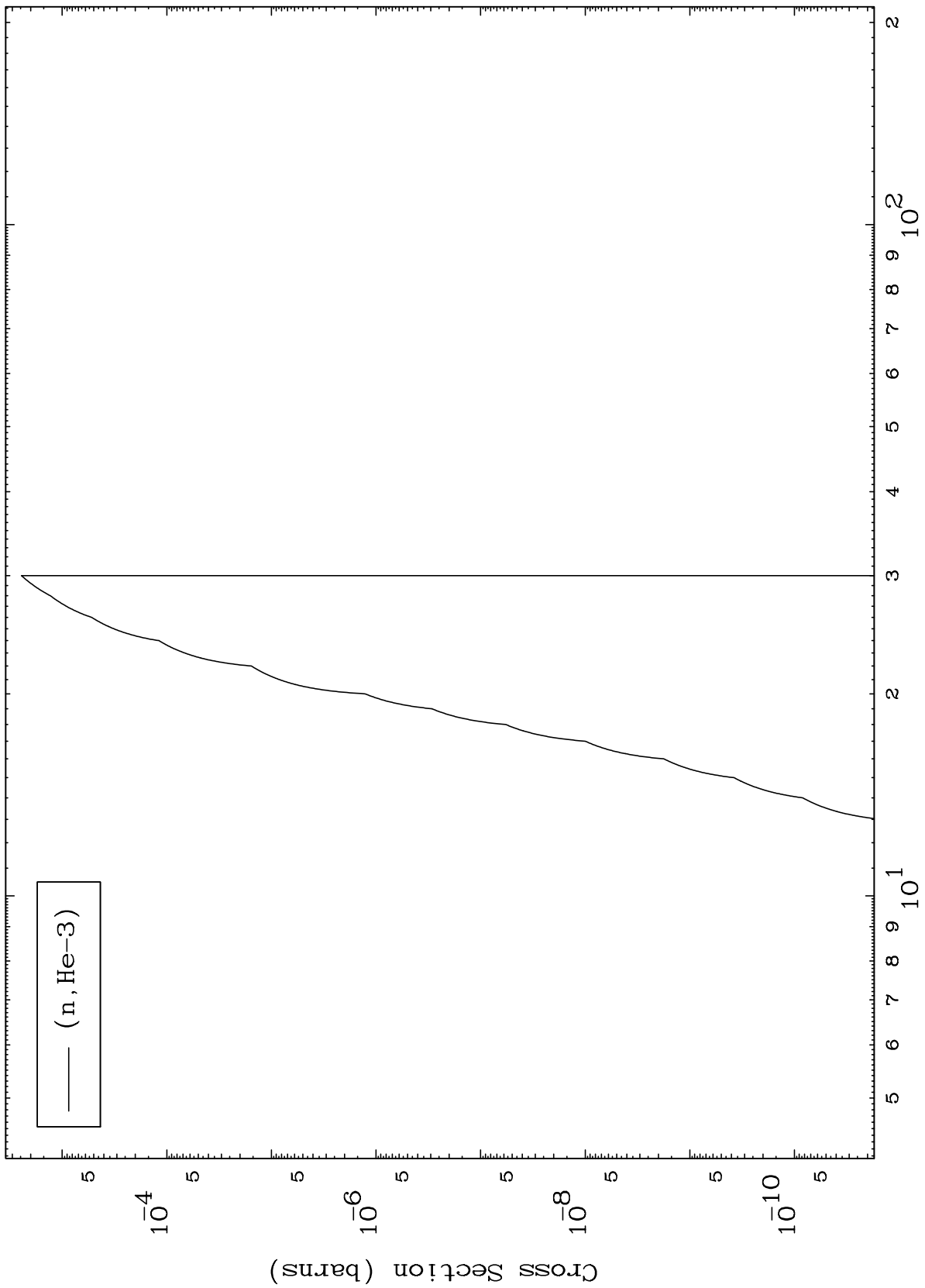
68-Er-151



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68-Er-151

(p,He3) Levels
0 Kelvin Cross Sections

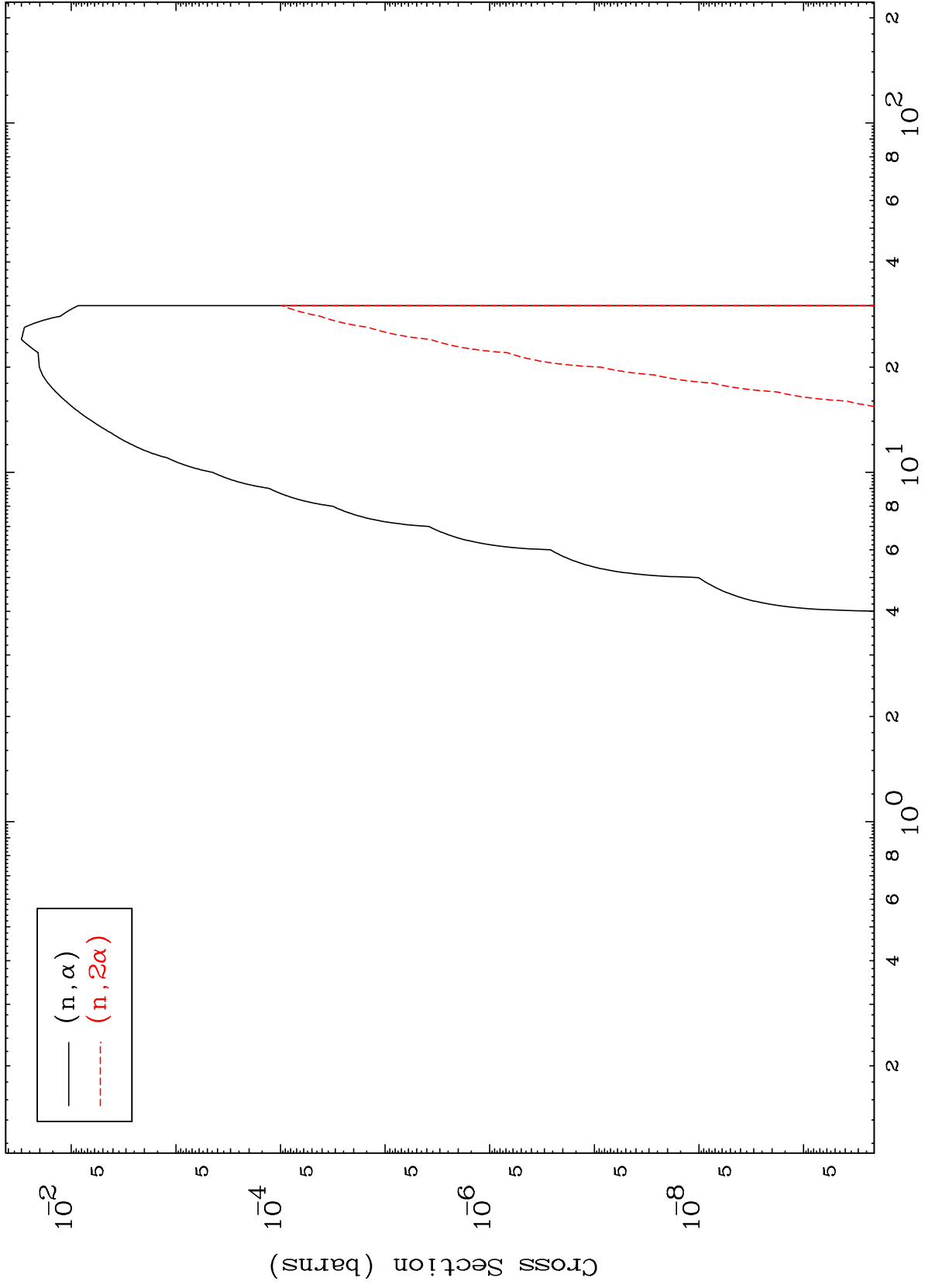


(n, He-3)

10

Incident Energy (MeV)

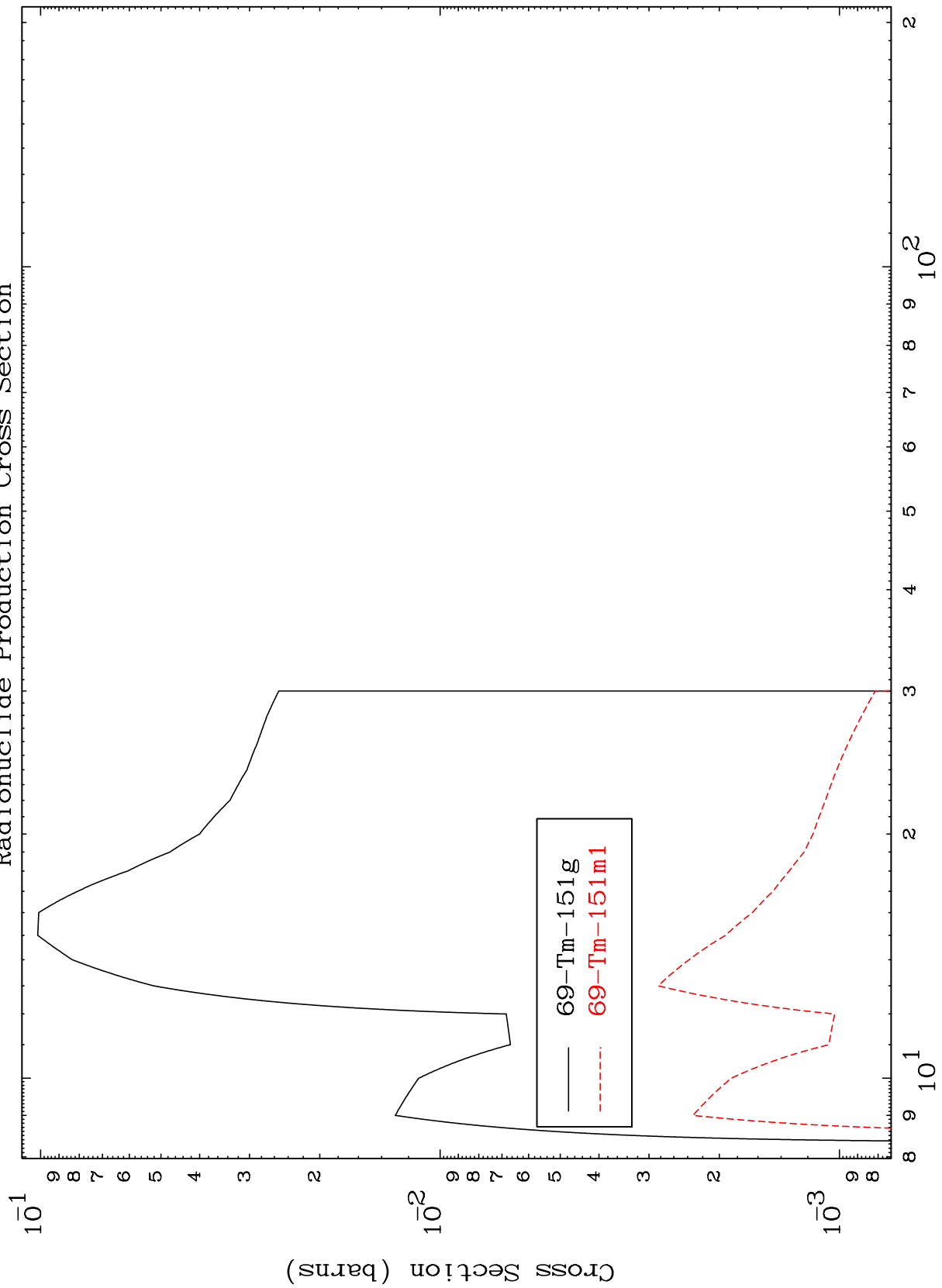
68-Er-151



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68-Er-151

Inelastic
Radionuclide Production Cross Section



68-Er-151

Incident Energy (MeV)

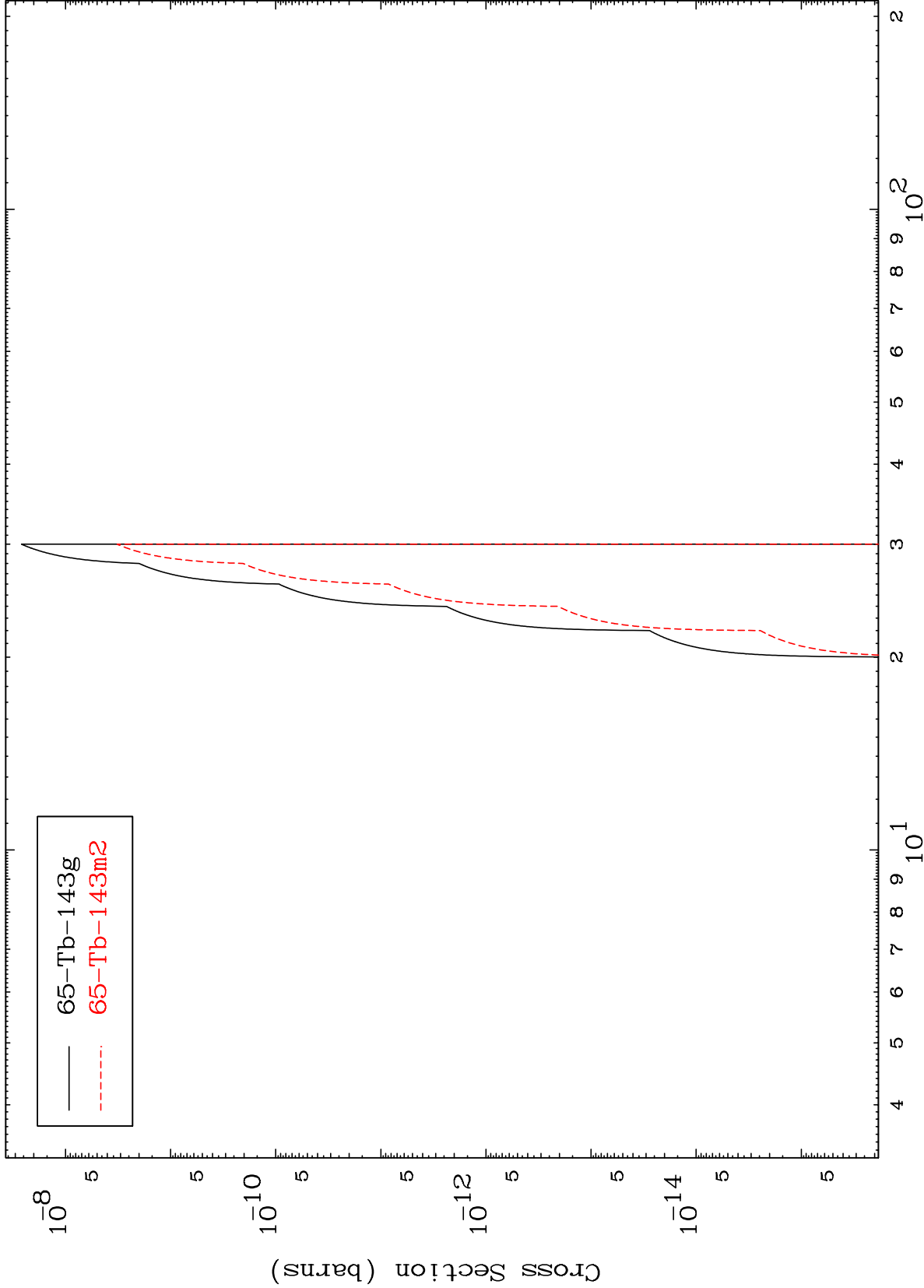
12

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(n,n') 2 α

68-Er-151

Radionuclide Production Cross Section



13

Incident Energy (MeV)

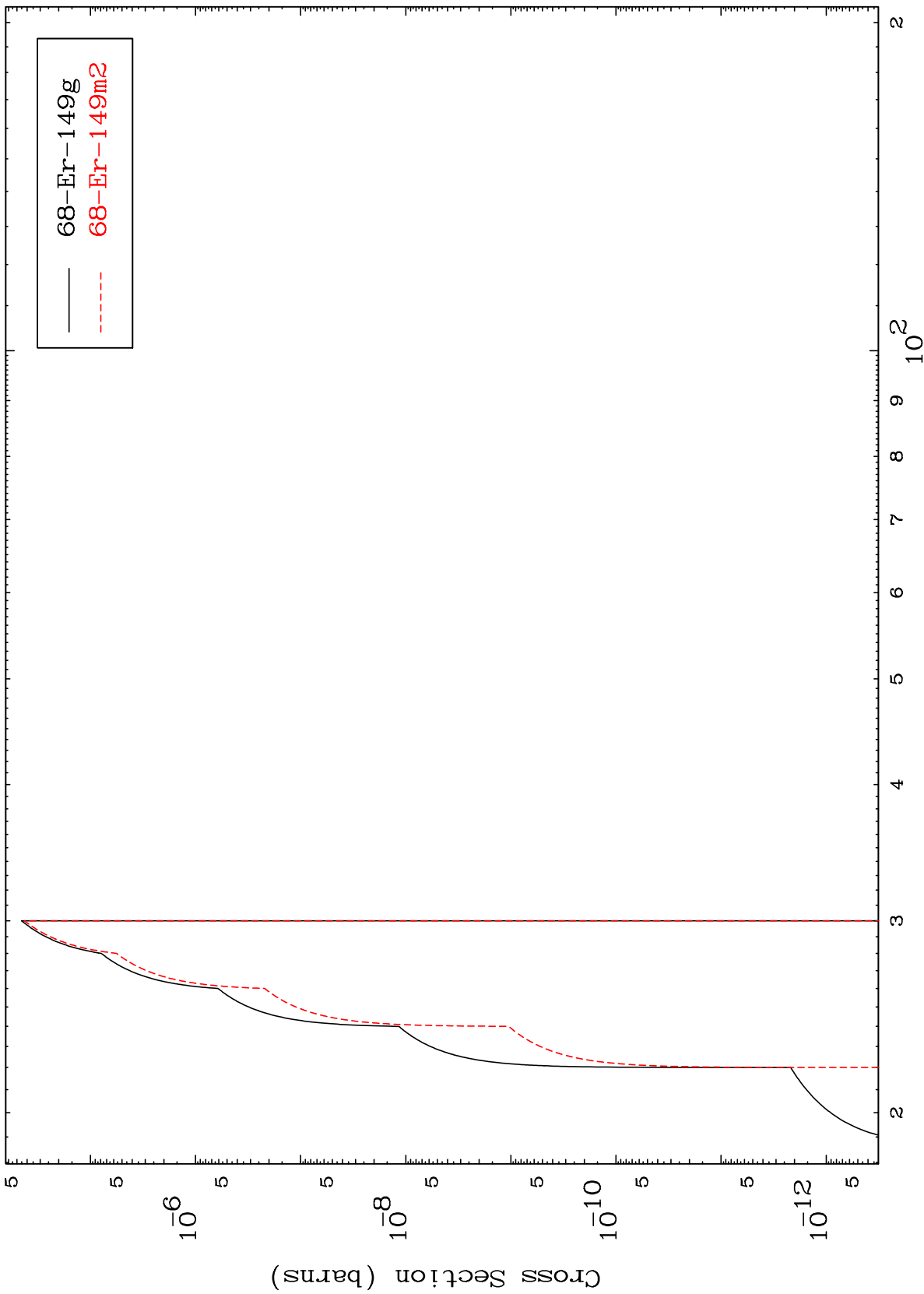
68-Er-151

MAT 6792

(n,n') d

68-Er-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

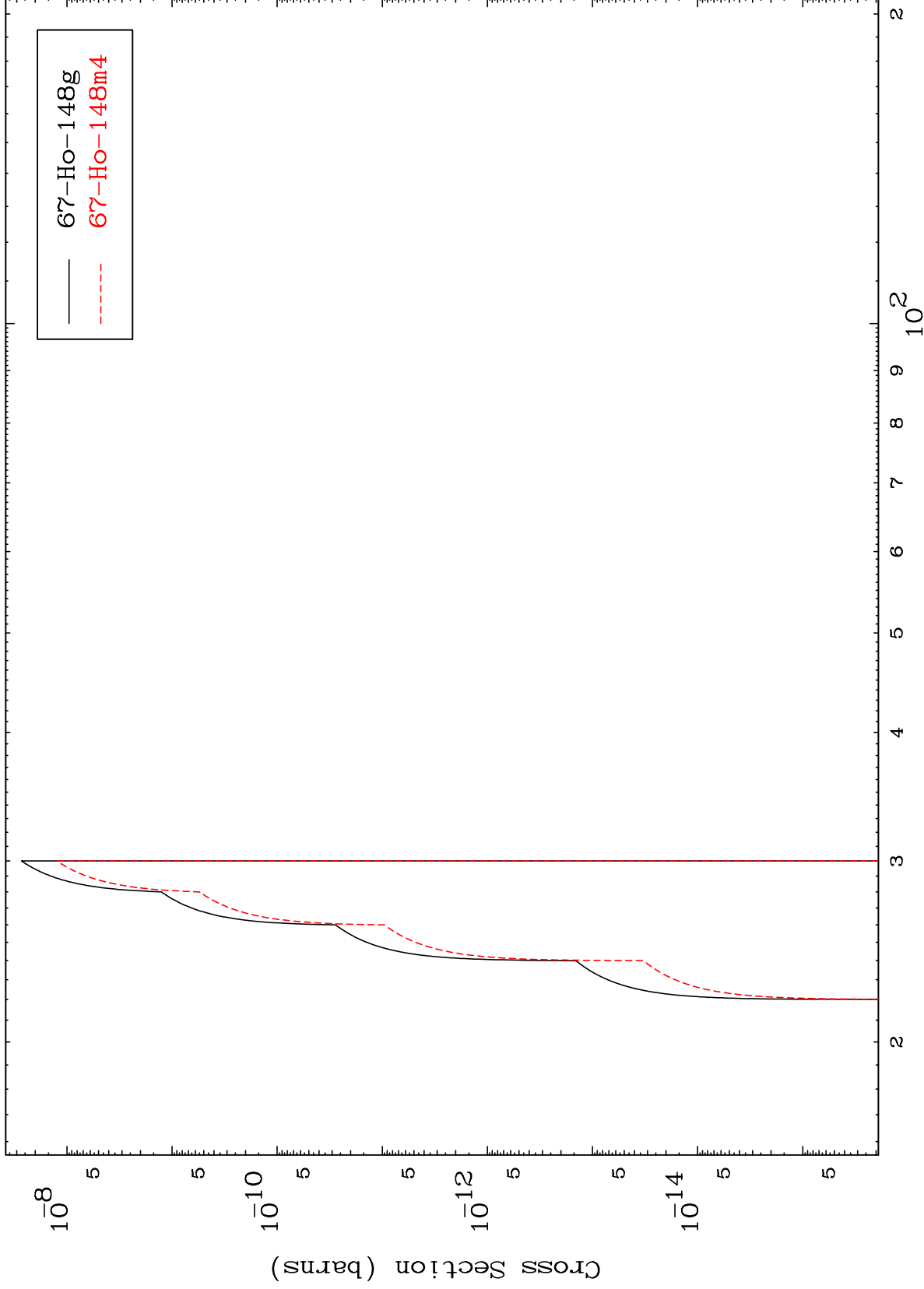
68-Er-151

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(n,n') He-3

68-Er-151

Radionuclide Production Cross Section



15

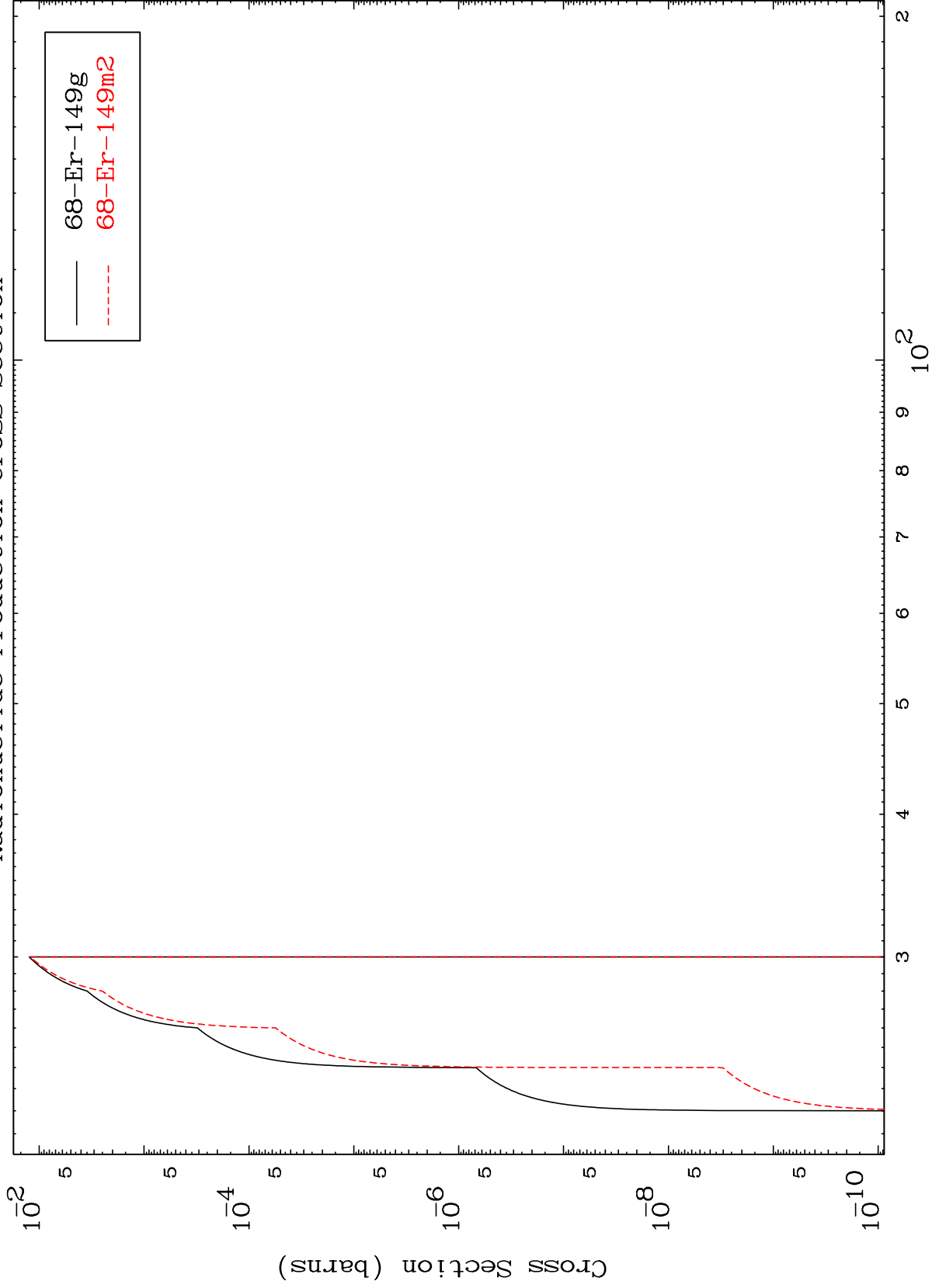
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

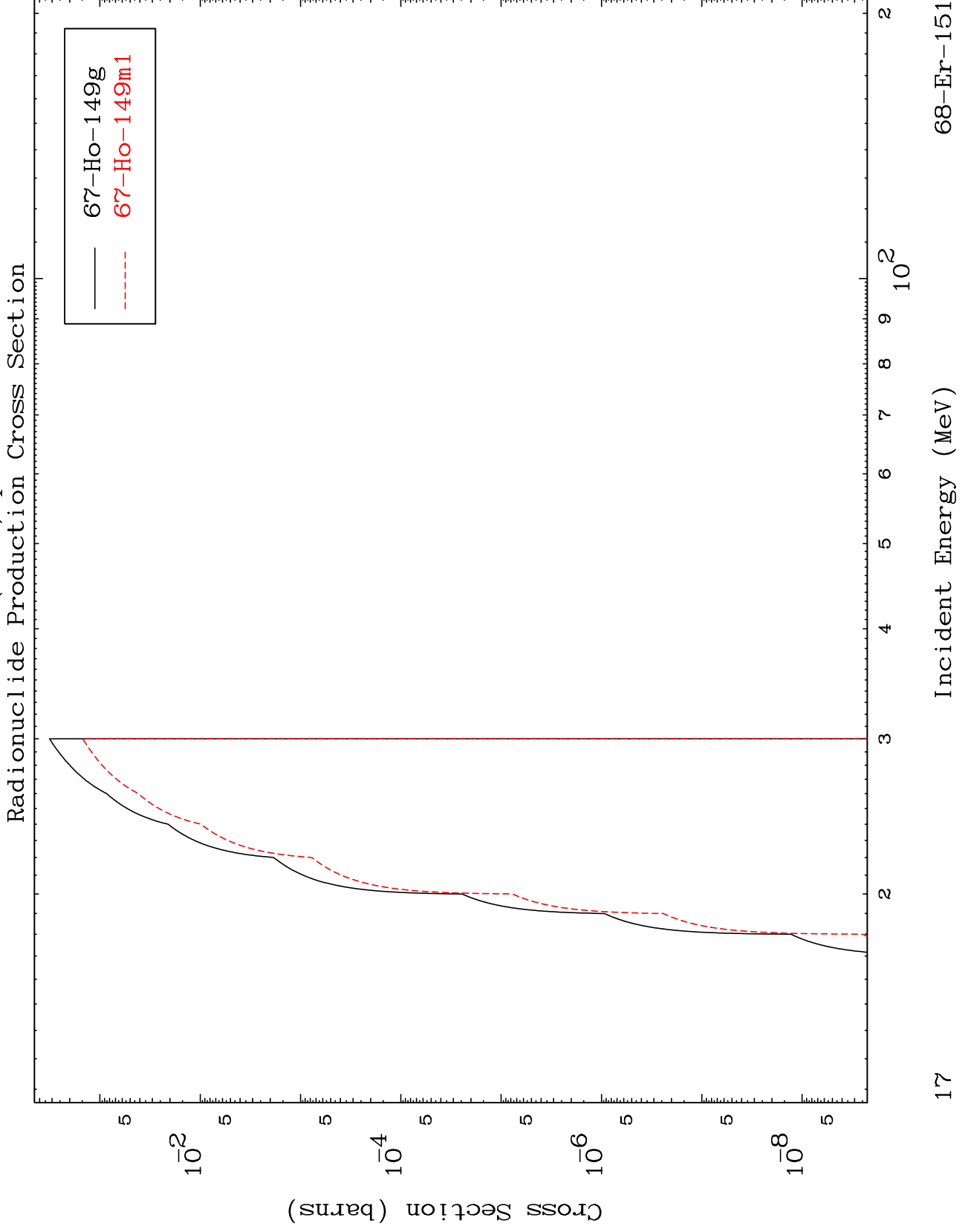
(n,2n) p
Radionuclide Production Cross Section



68-Er-151

Incident Energy (MeV)

16

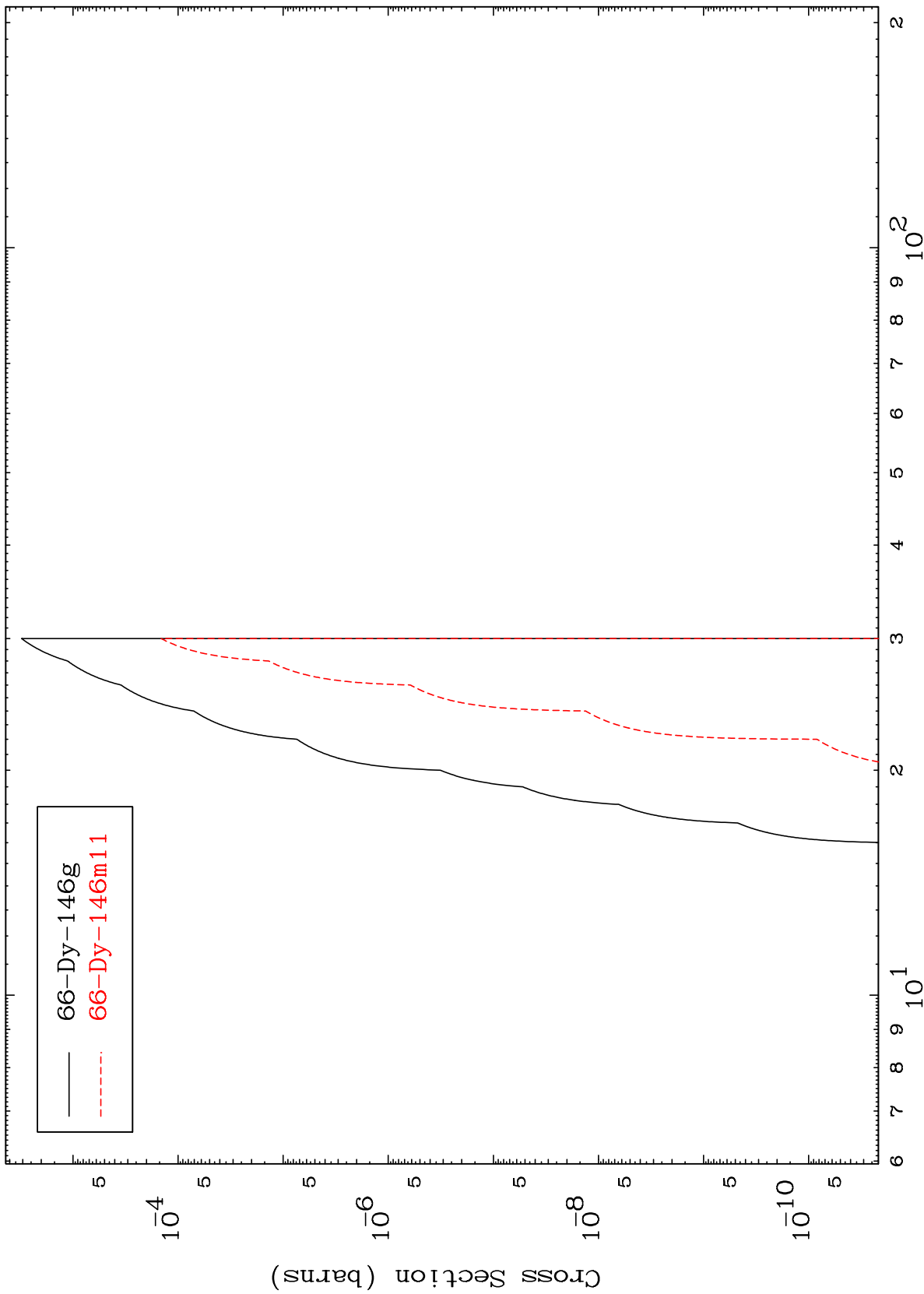


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(n, n') p α

68-Er-151

Radionuclide Production Cross Section



18

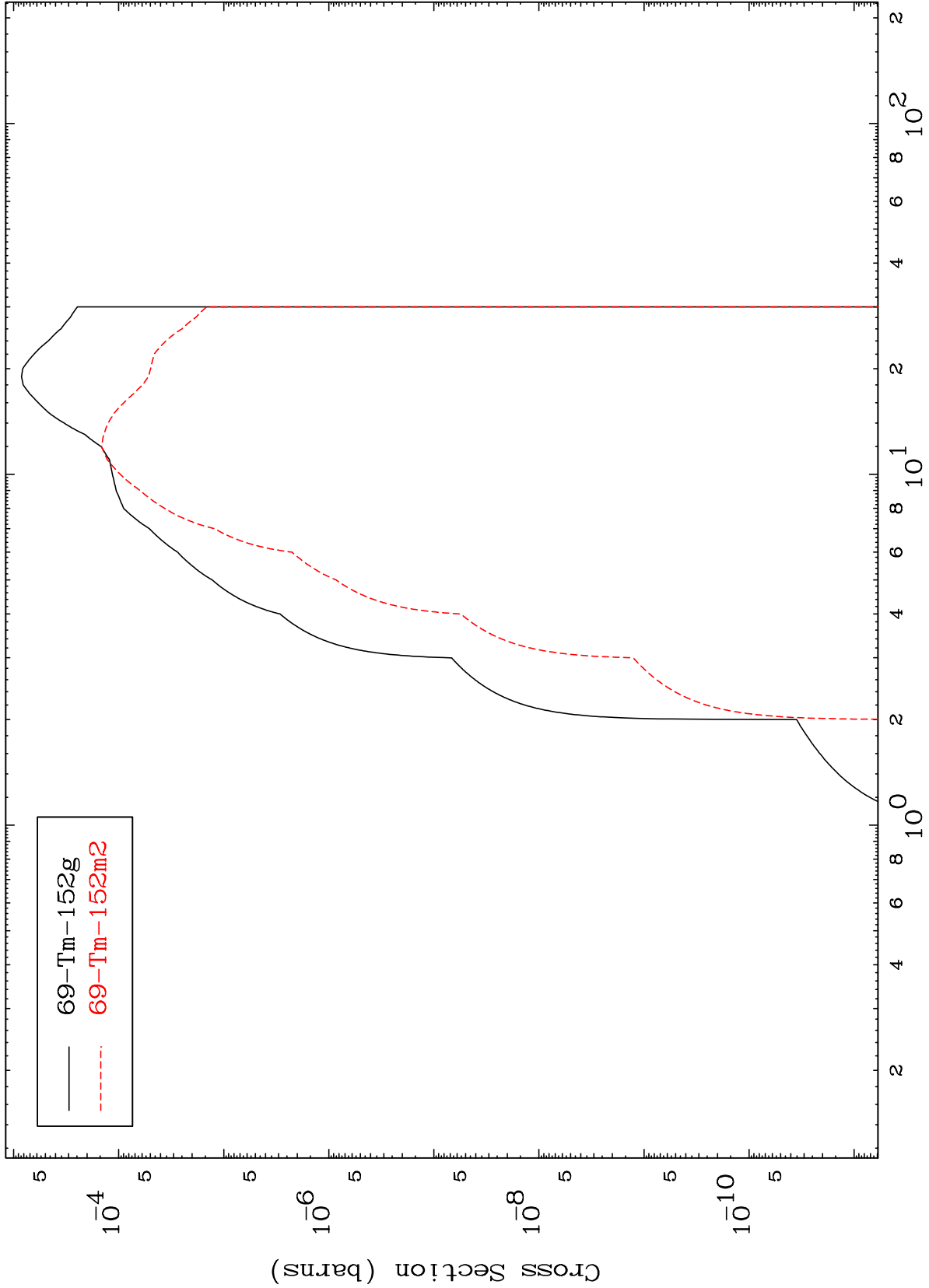
Incident Energy (MeV)

68-Er-151

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68-Er-151

(n, γ)
Radionuclide Production Cross Section



19

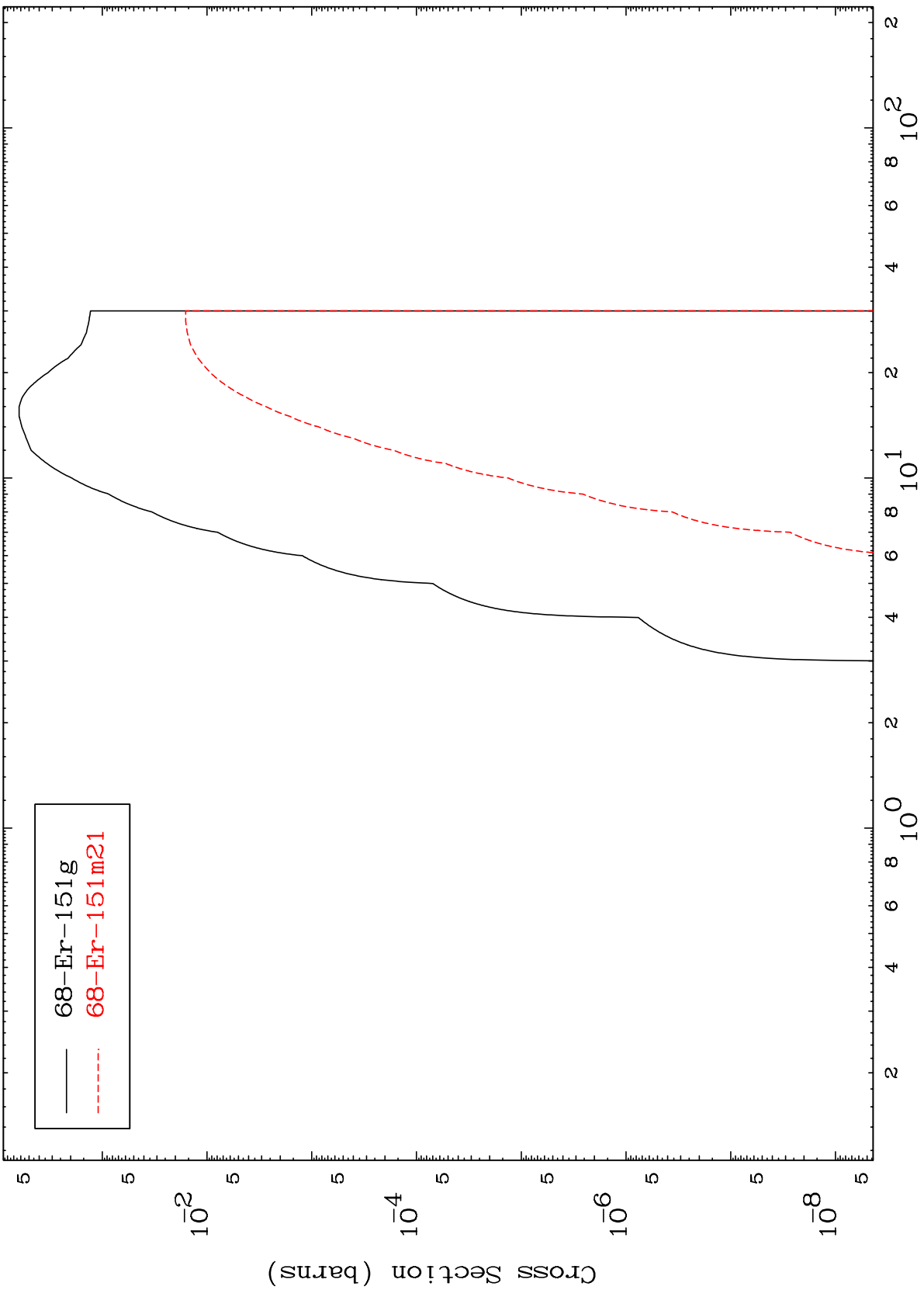
68-Er-151

Incident Energy (MeV)

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68-Er-151

(n,p)
Radionuclide Production Cross Section

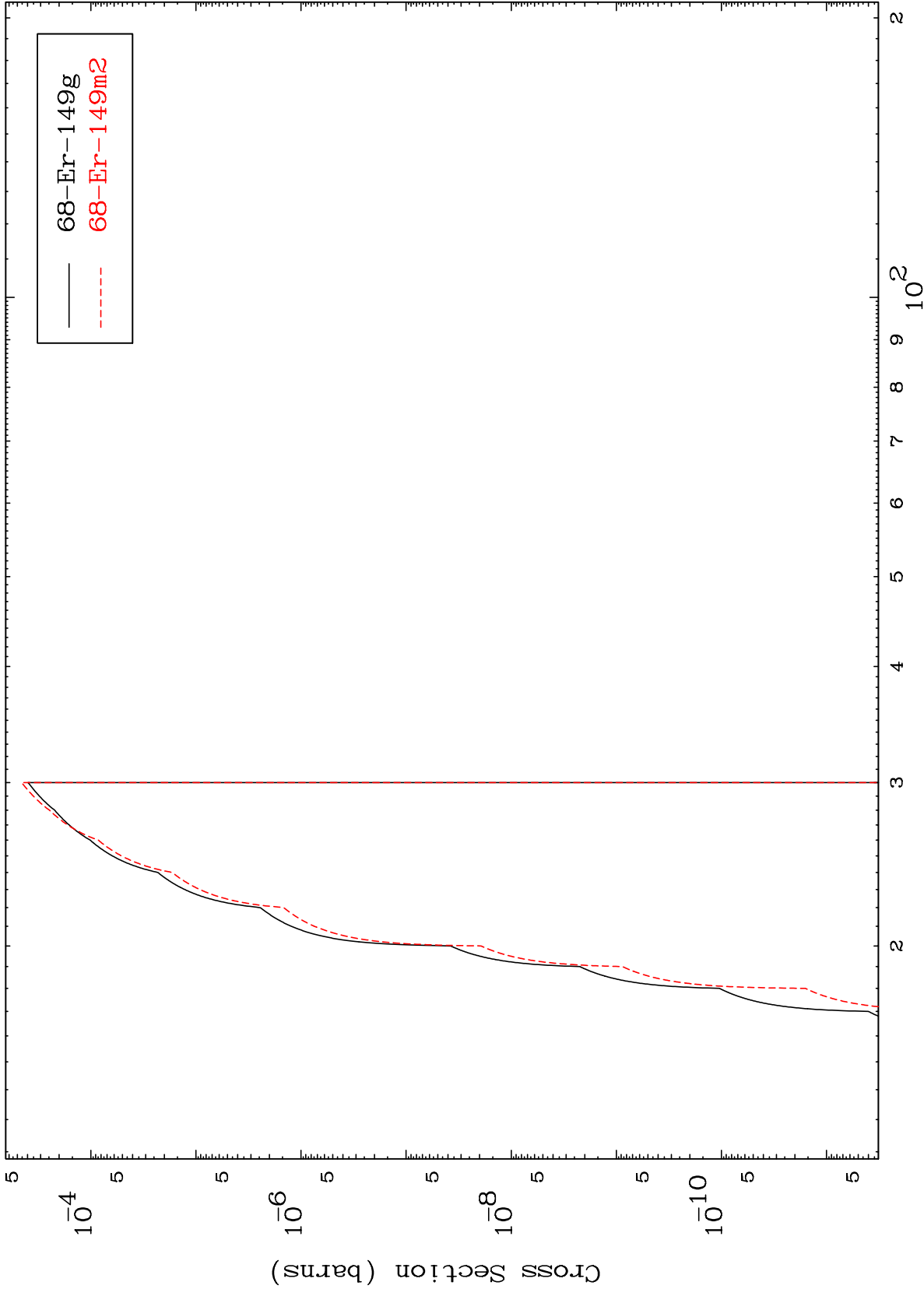


68-Er-151

Incident Energy (MeV)

20

(n, t)
Radionuclide Production Cross Section

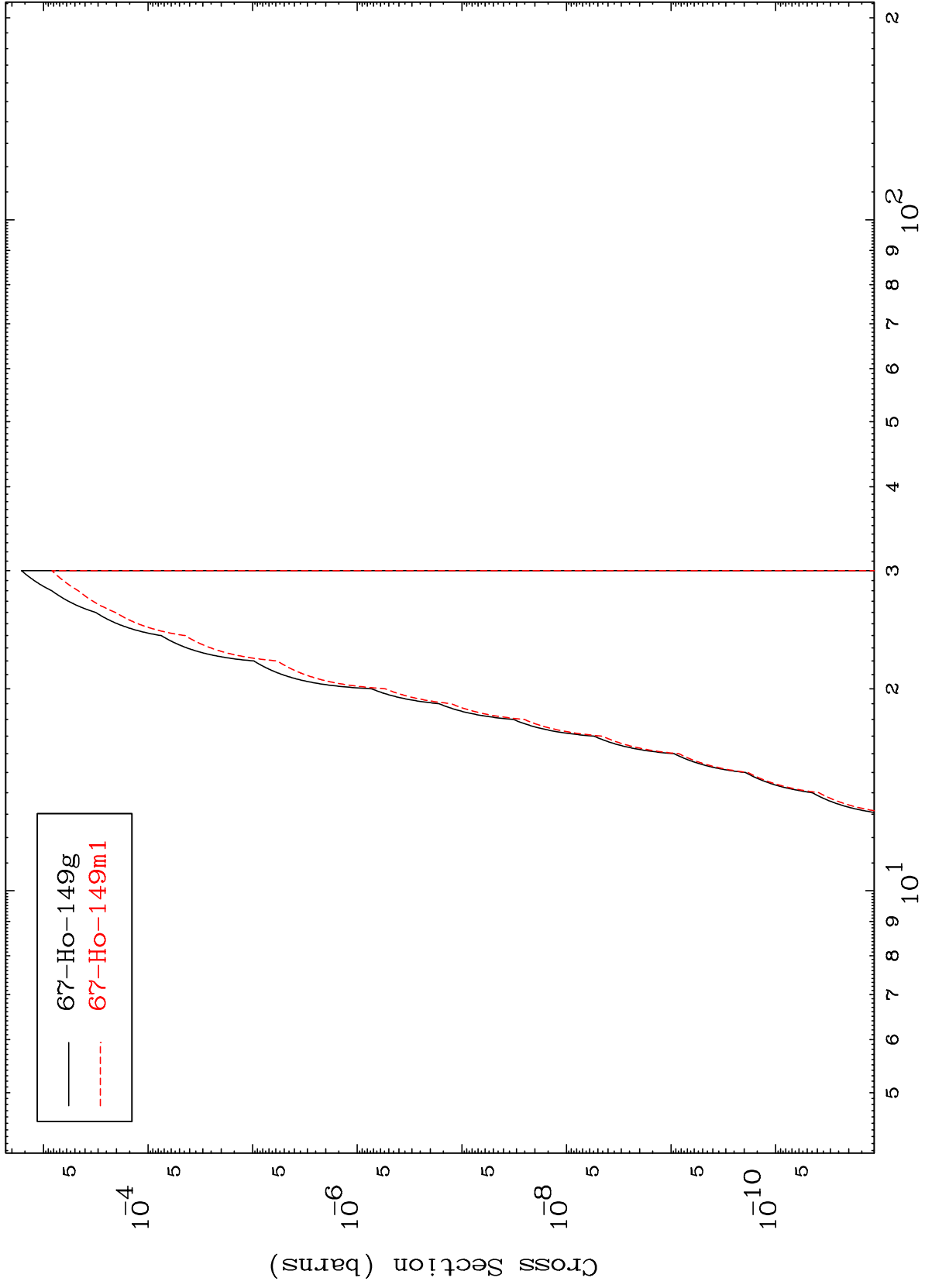


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(n,He-3)

68-Er-151

Radionuclide Production Cross Section



22

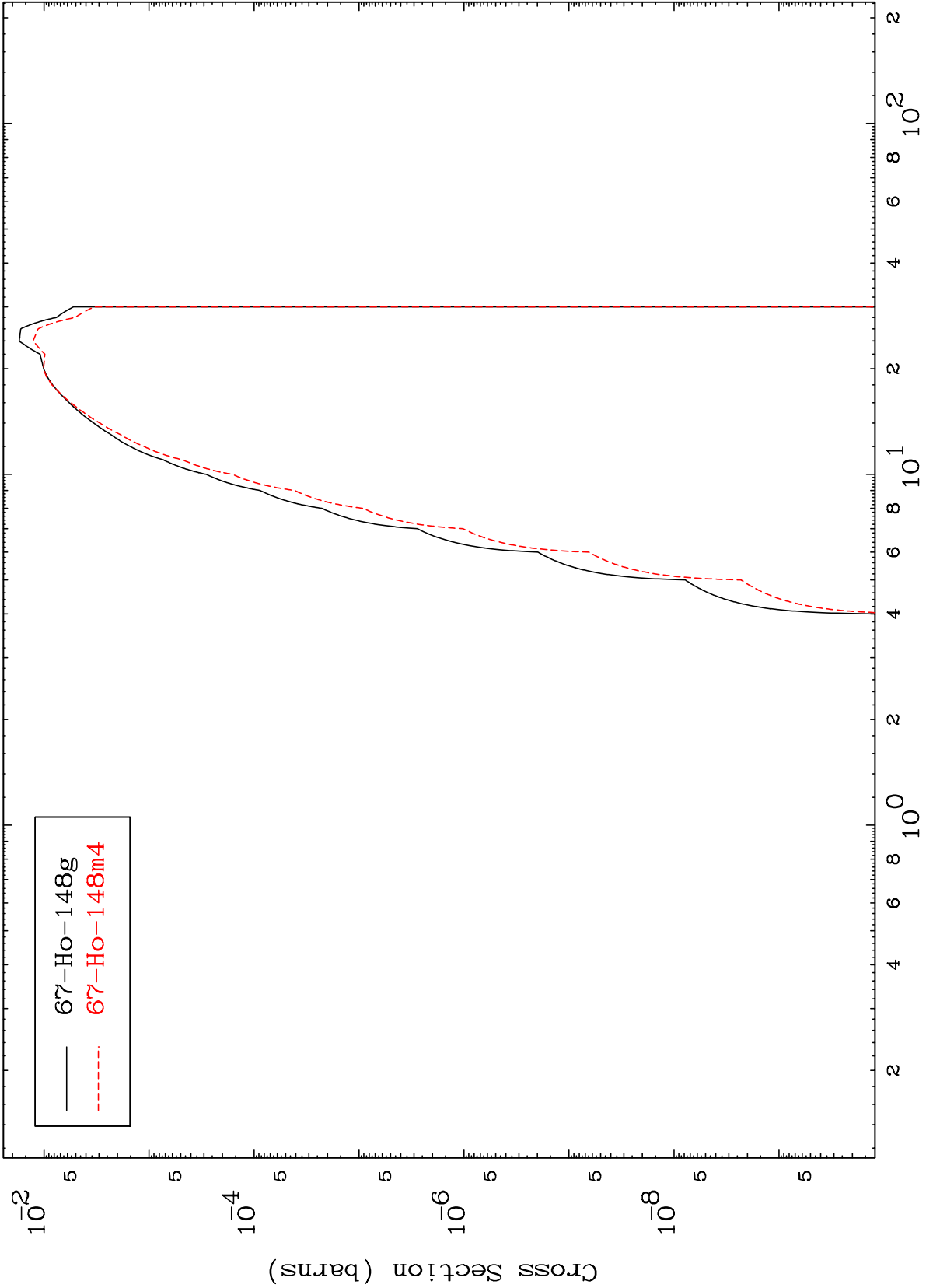
Incident Energy (MeV)

68-Er-151

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68-Er-151

Radionuclide Production Cross Section
(n, α)



68-Er-151

Incident Energy (MeV)

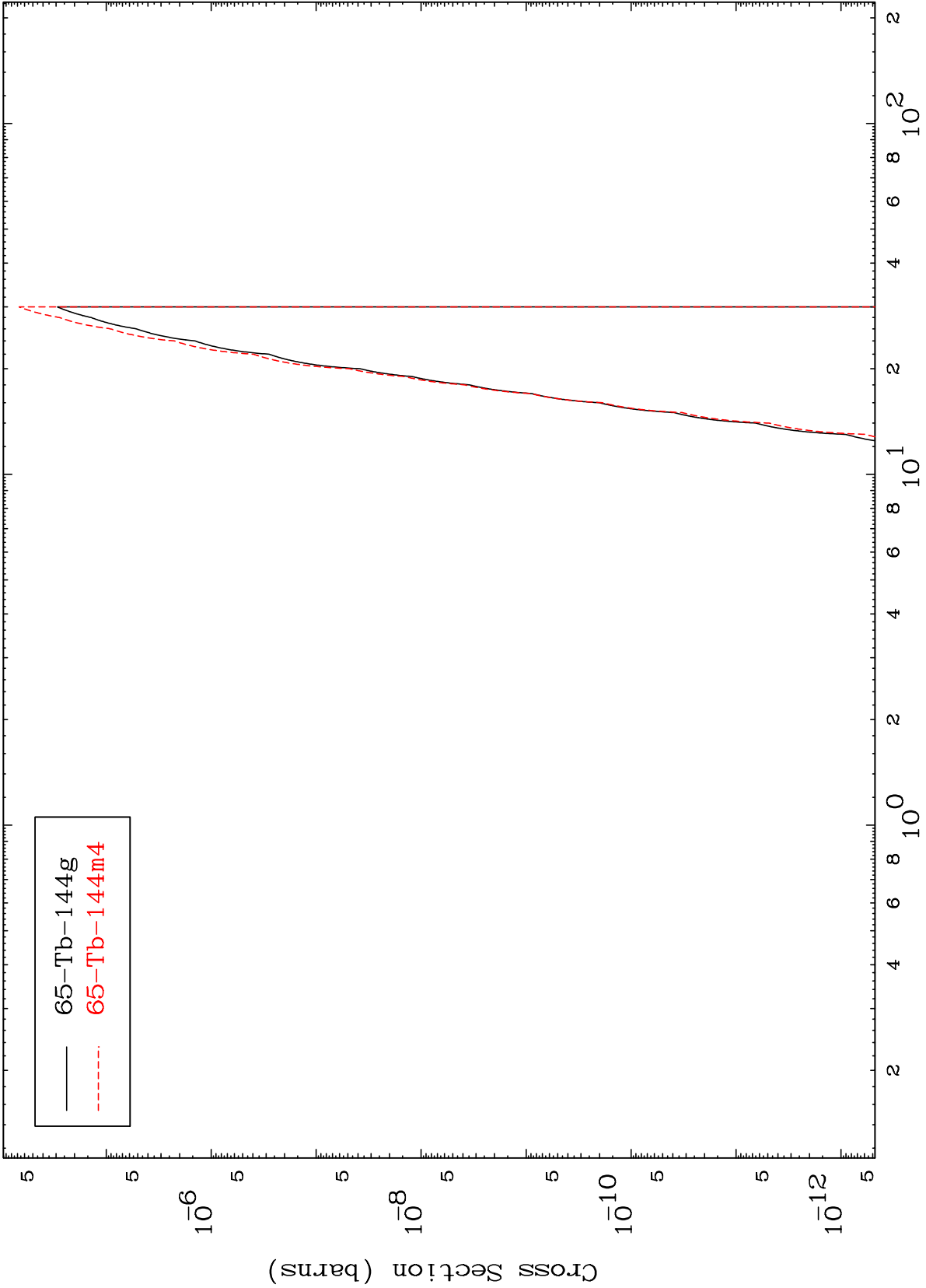
23

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(n,2α)

68-Er-151

Radionuclide Production Cross Section

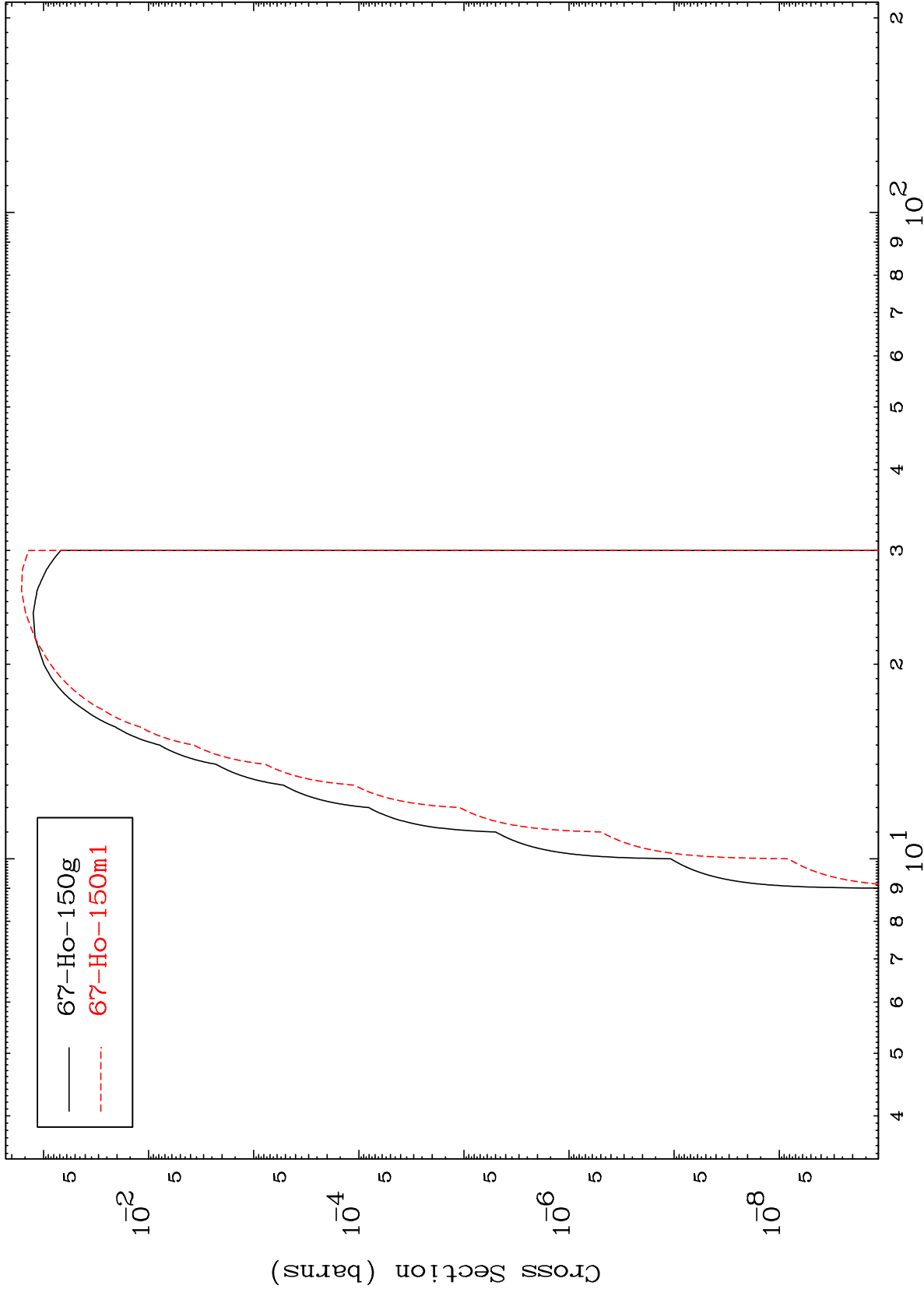


65-Tb-144g
65-Tb-144m4

MAT 6792

68-Er-151

(n,2p)
Radionuclide Production Cross Section



— 67-Ho-150g
- - - 67-Ho-150m1

68-Er-151

Incident Energy (MeV)

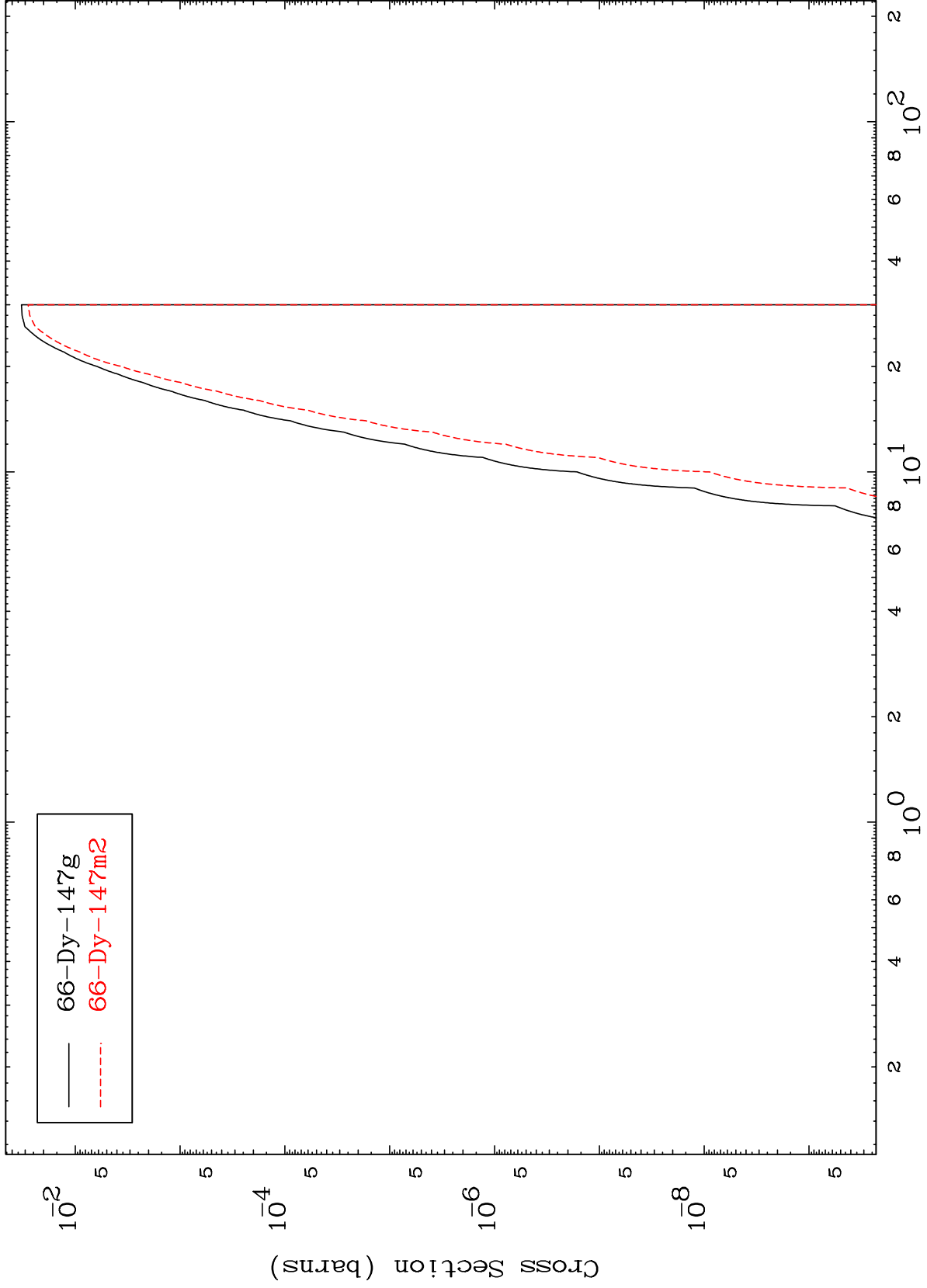
25

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(n,p) α

68-Er-151

Radionuclide Production Cross Section

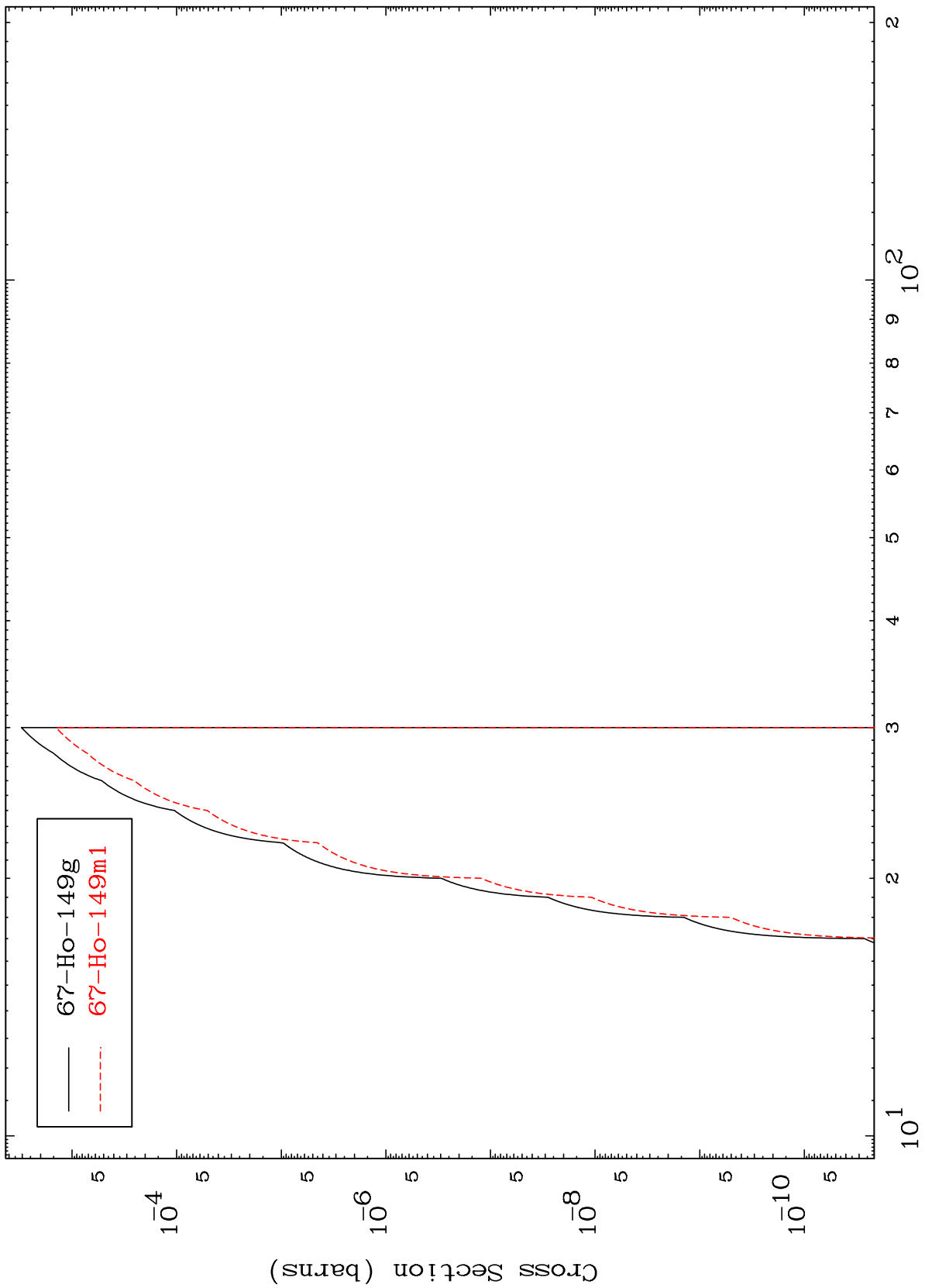


MAT 6792

(n,p) d

68-Er-151

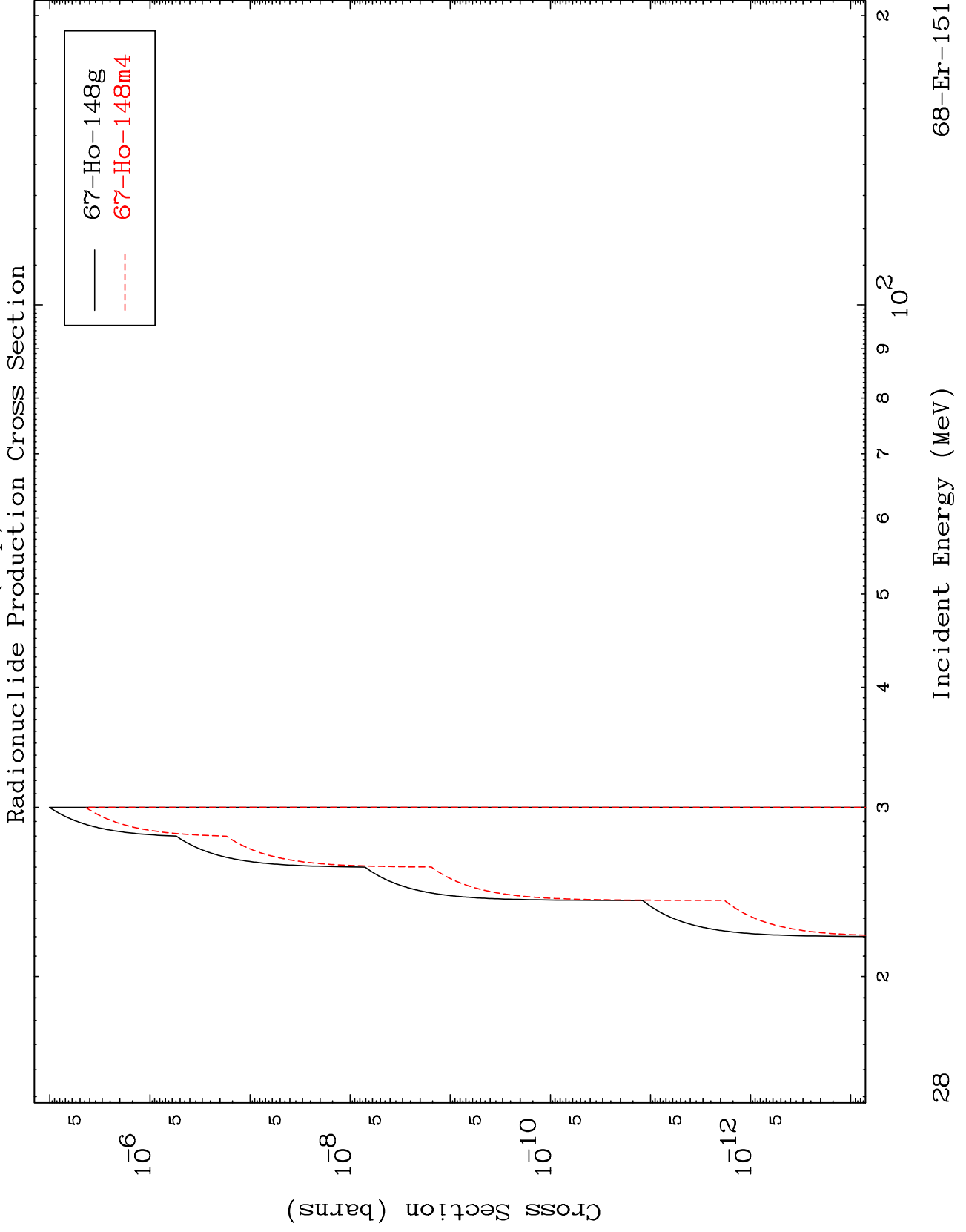
Radionuclide Production Cross Section



27

Incident Energy (MeV)

68-Er-151

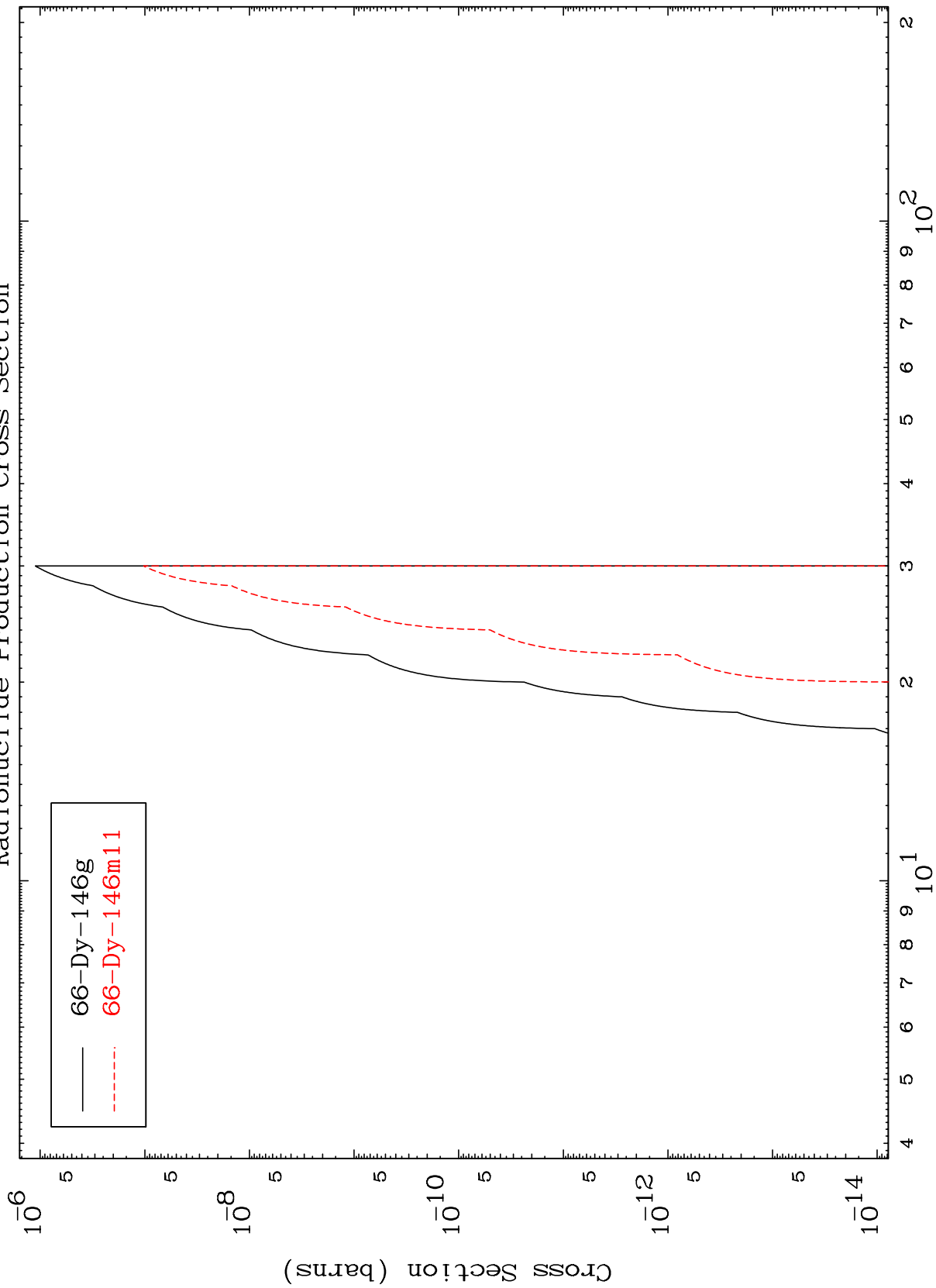


MAT 6792

(n,d) α

68-Er-151

Radionuclide Production Cross Section



29

Incident Energy (MeV)

68-Er-151