

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

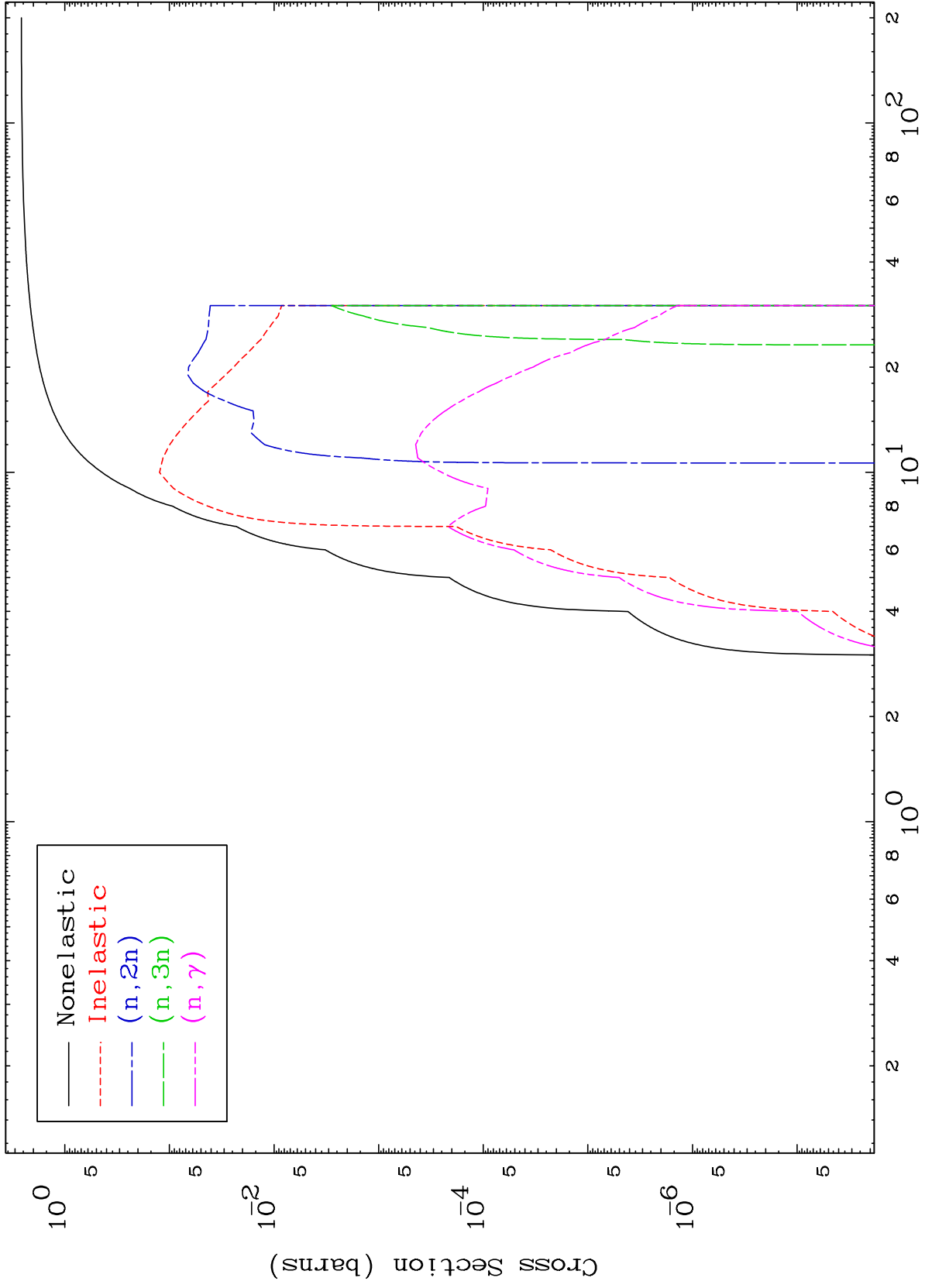
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

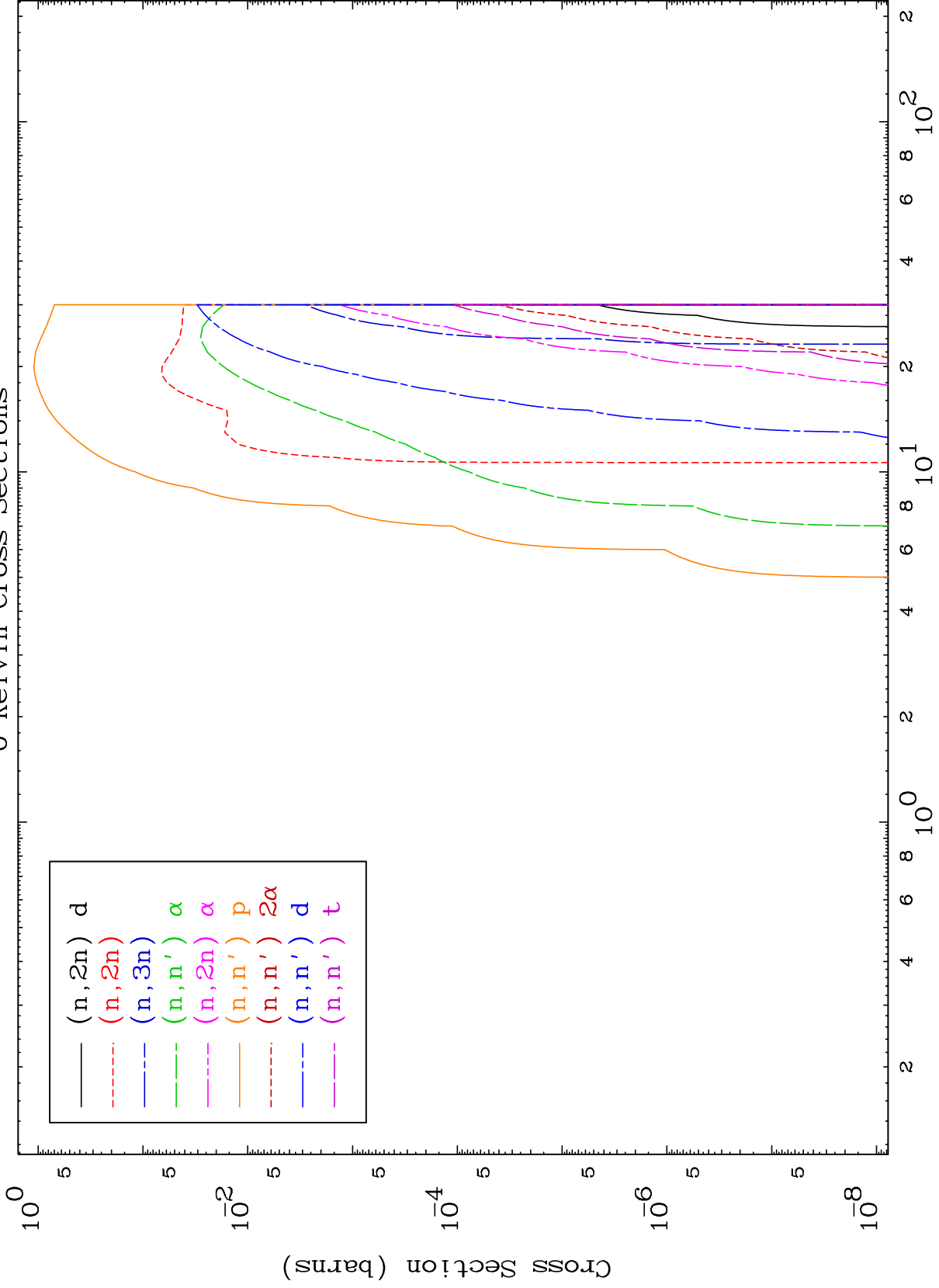
Tele: 925-443-1911

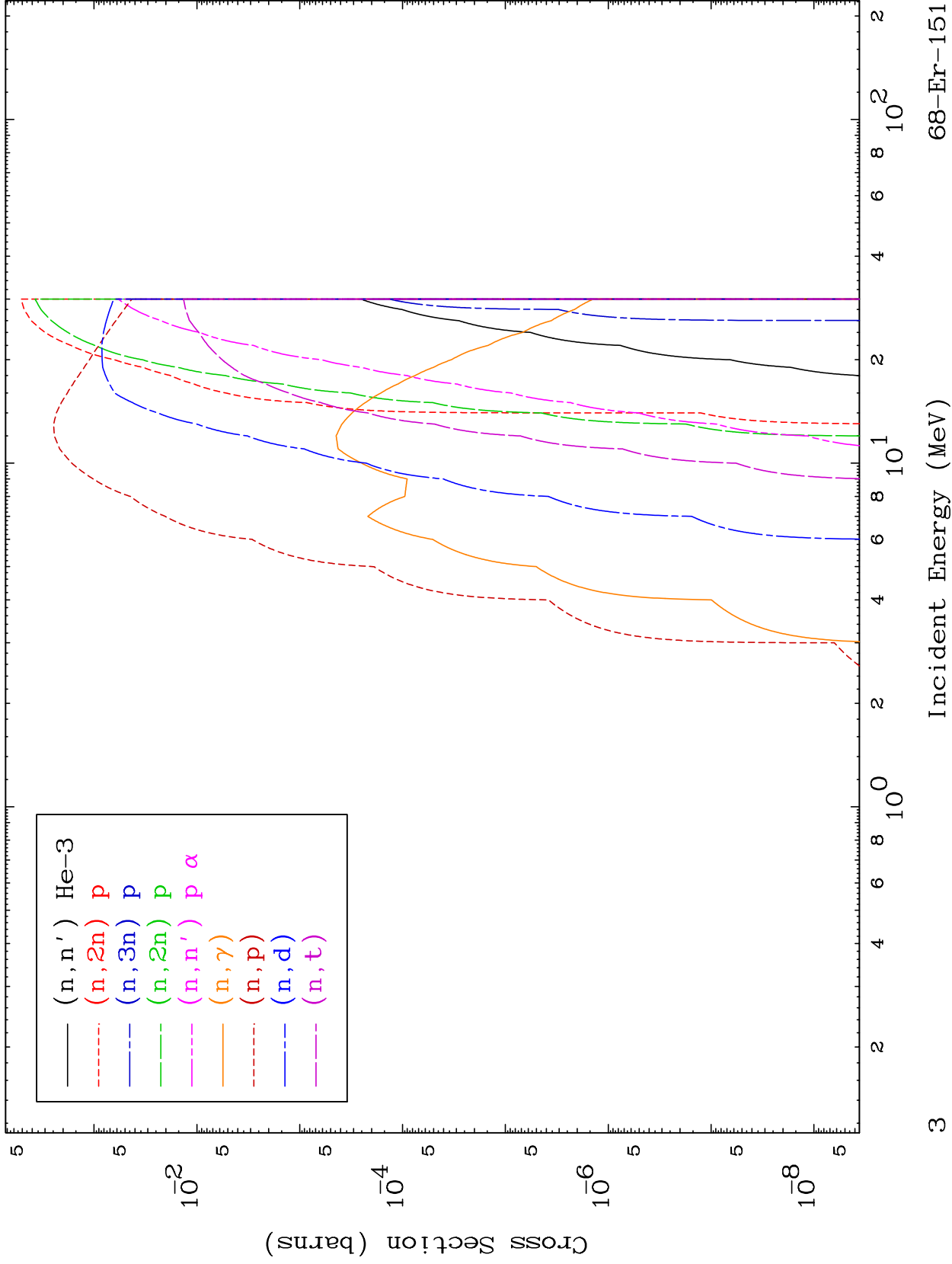
E.Mail:redcullen1@comcast.net

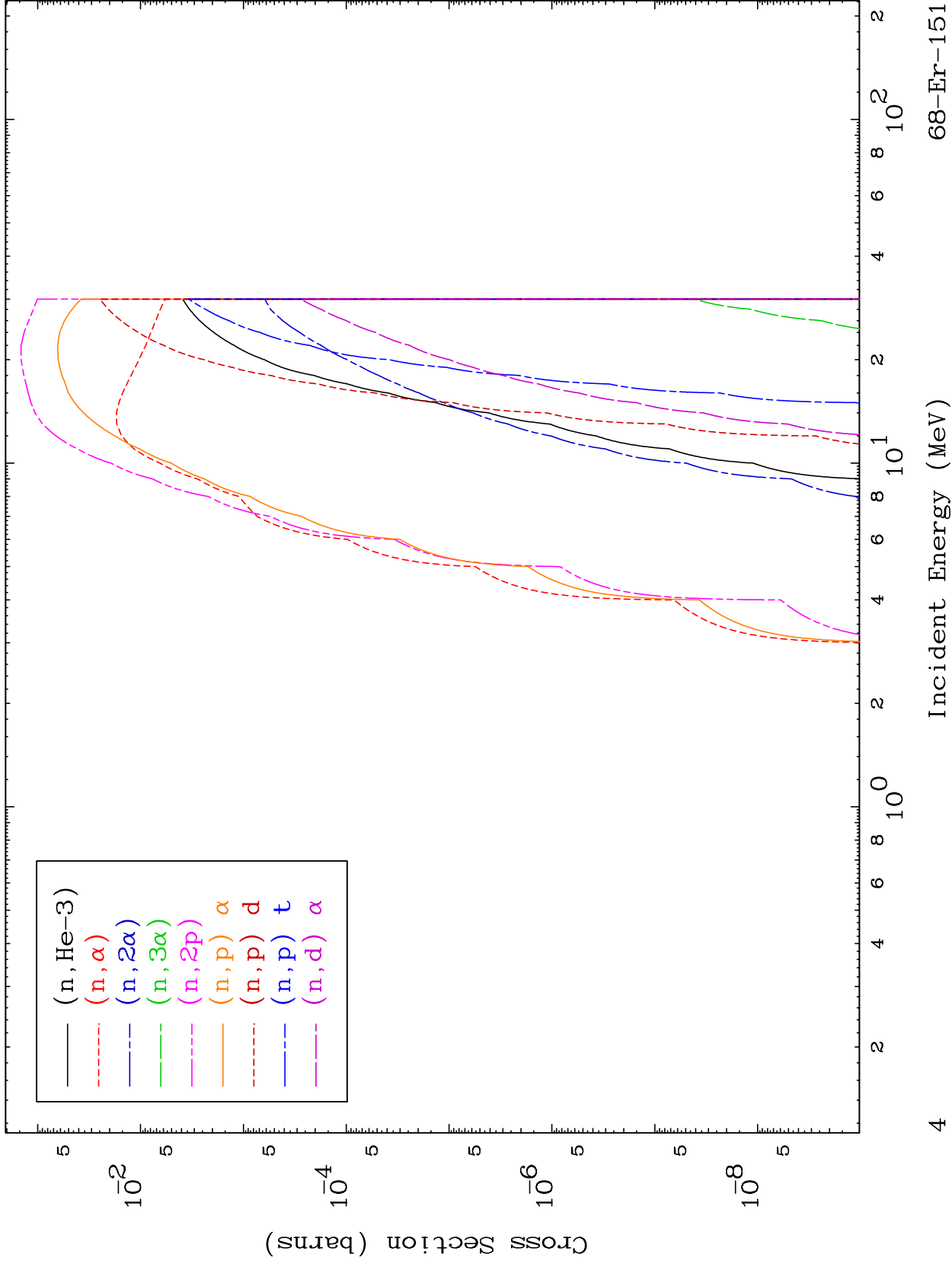
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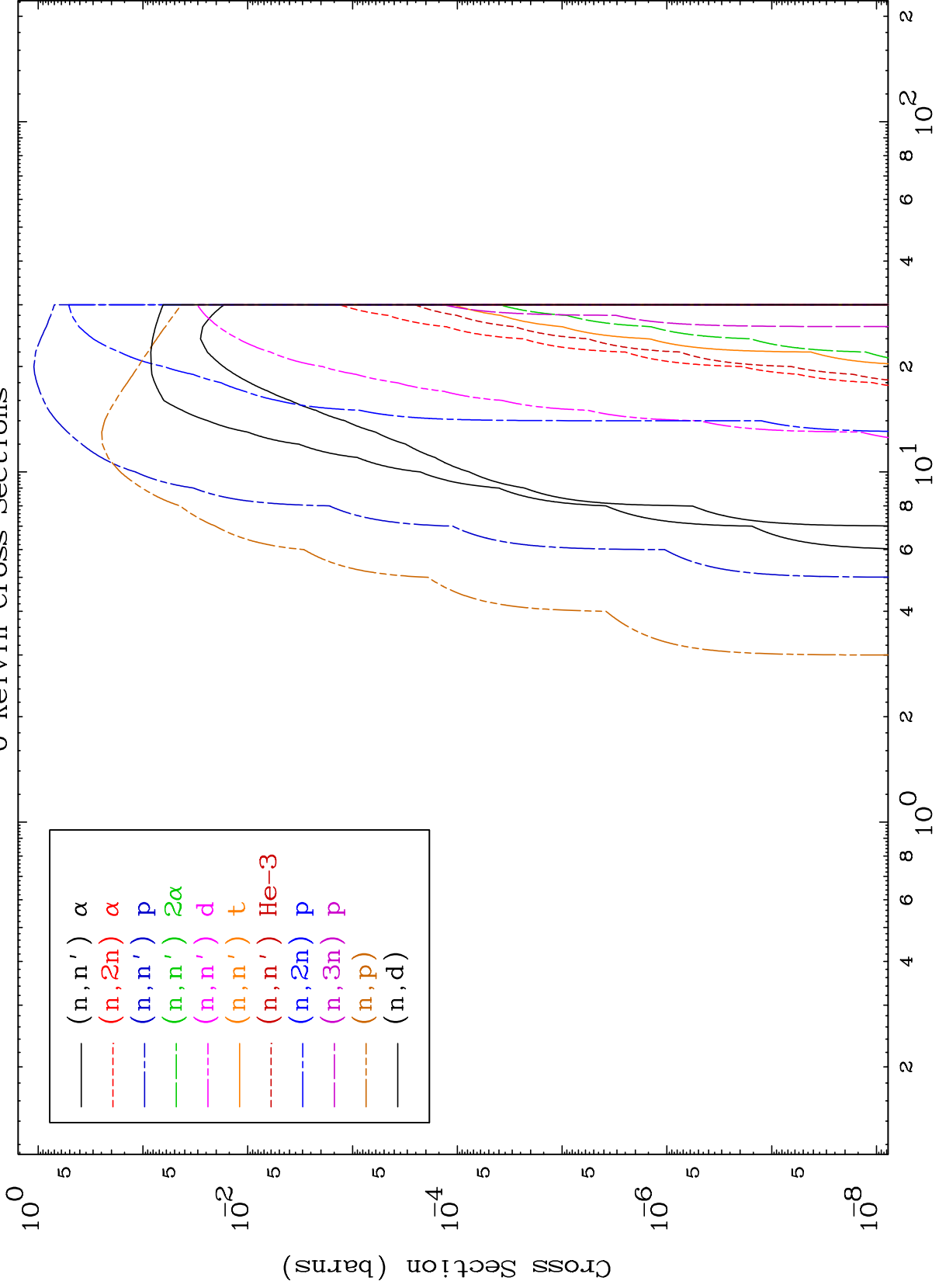
Press Mouse Button to Start

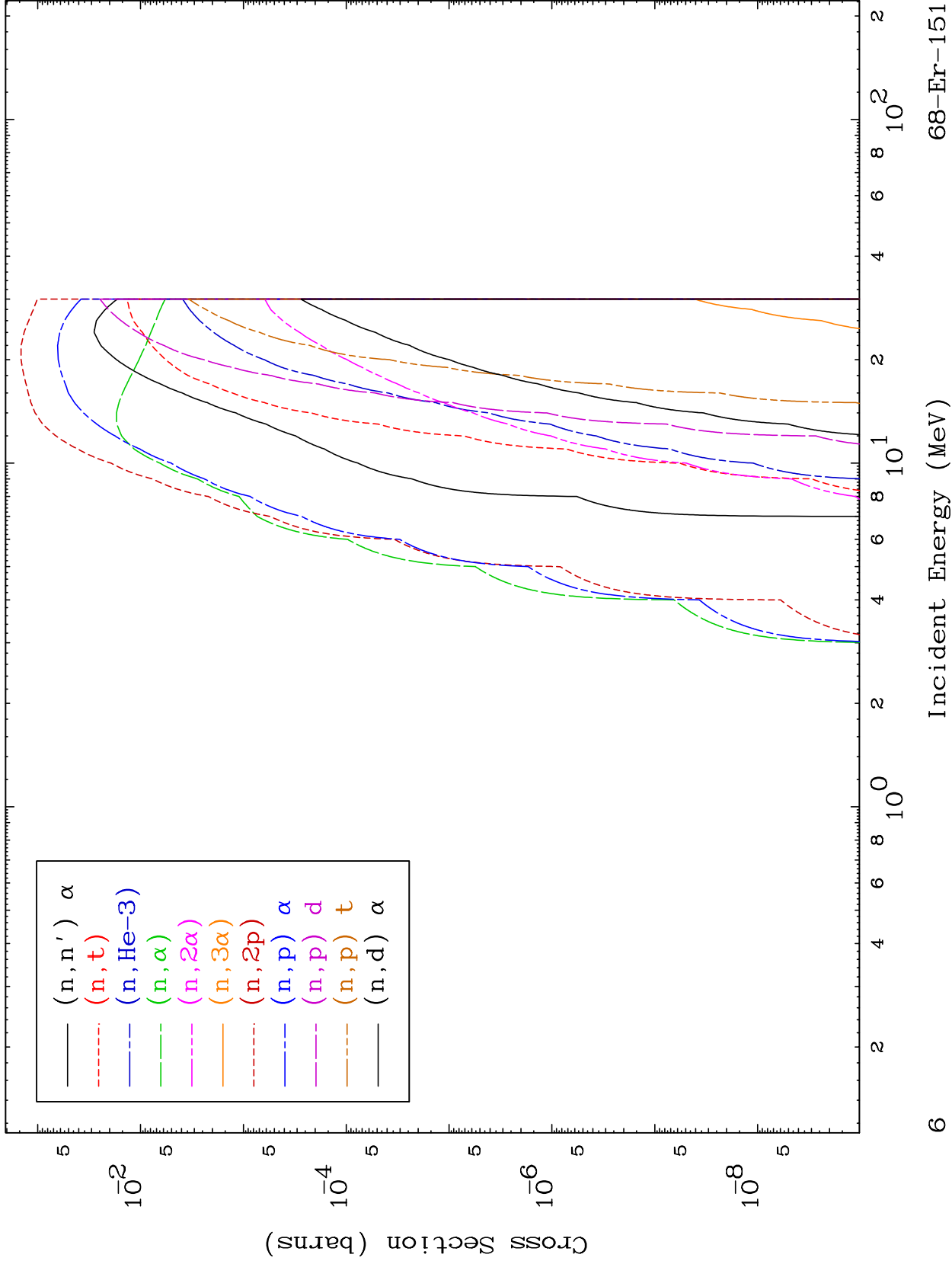










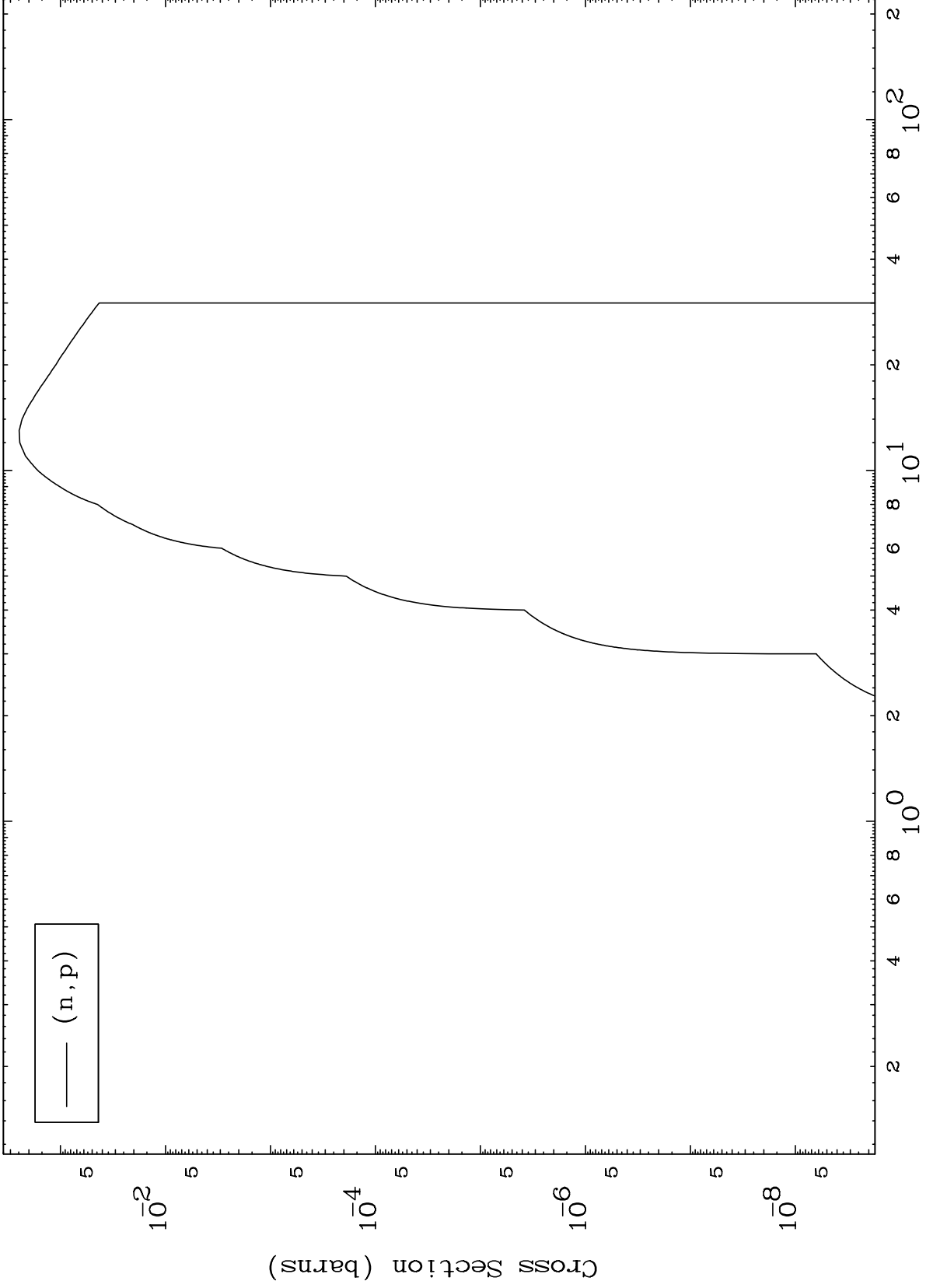


MAT 6792

(d,p) Levels

68-Er-151

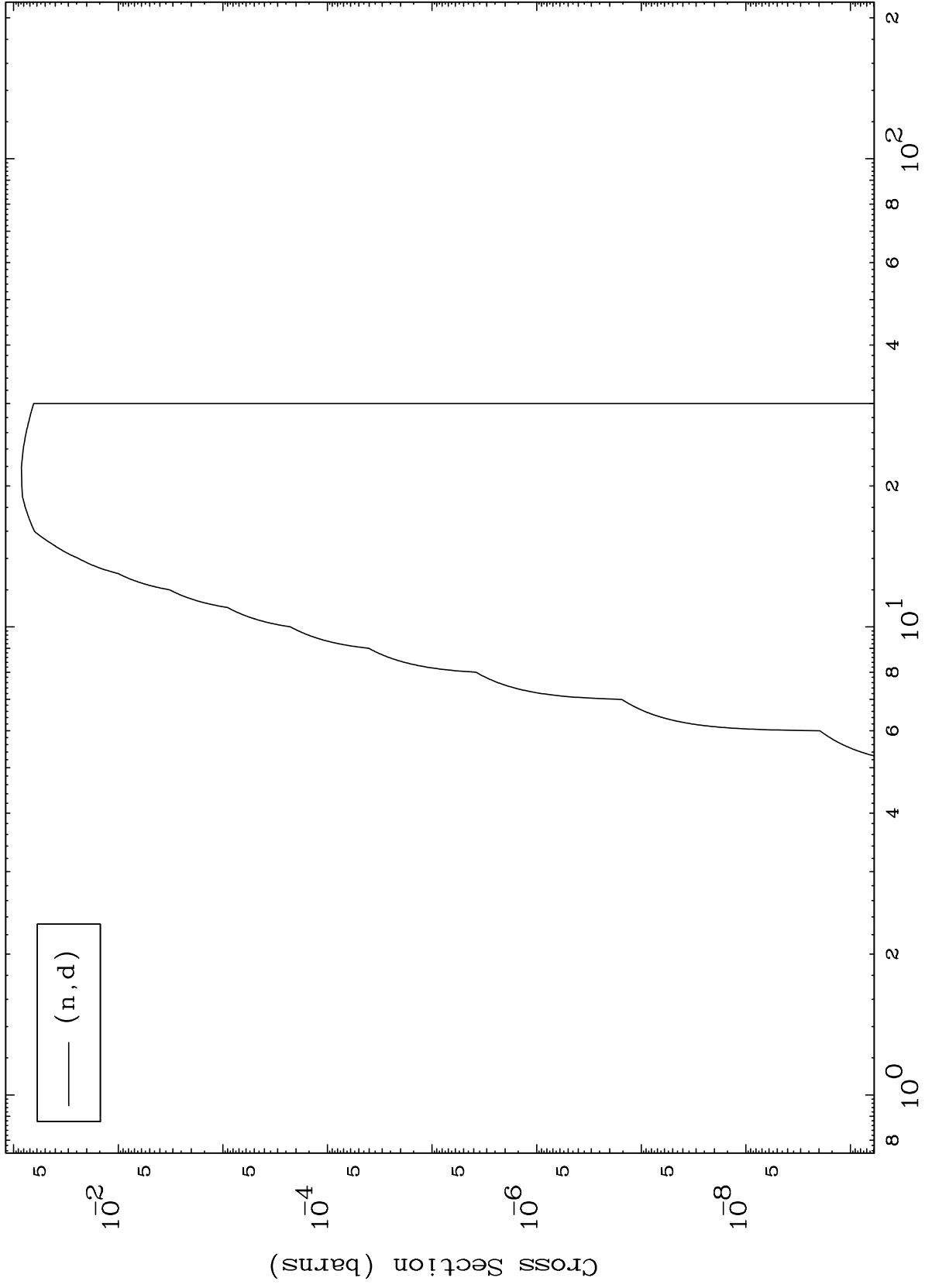
0 Kelvin Cross Sections



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68-Er-151

(d,d) Levels
0 Kelvin Cross Sections

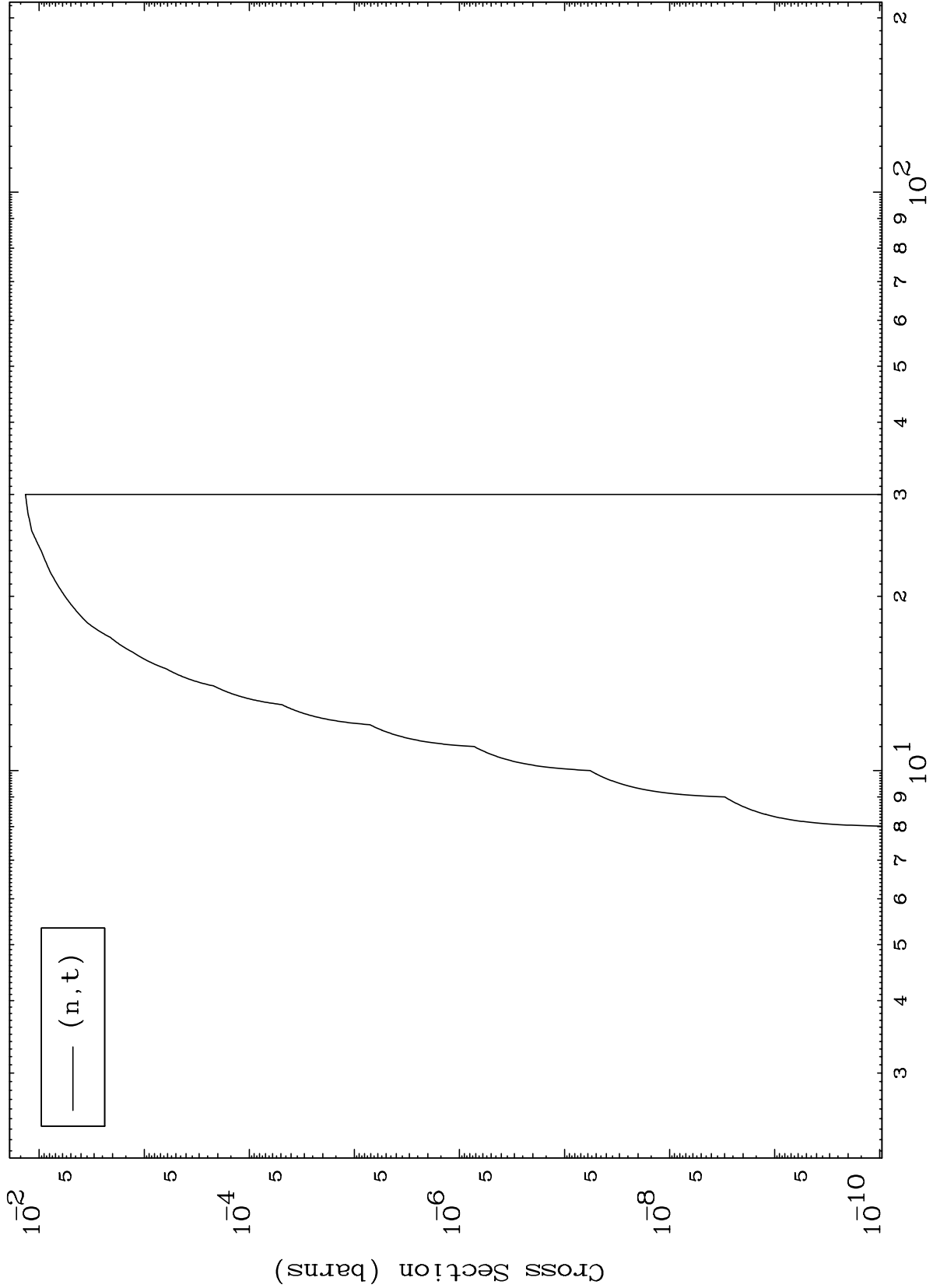


68-Er-151

Incident Energy (MeV)

8

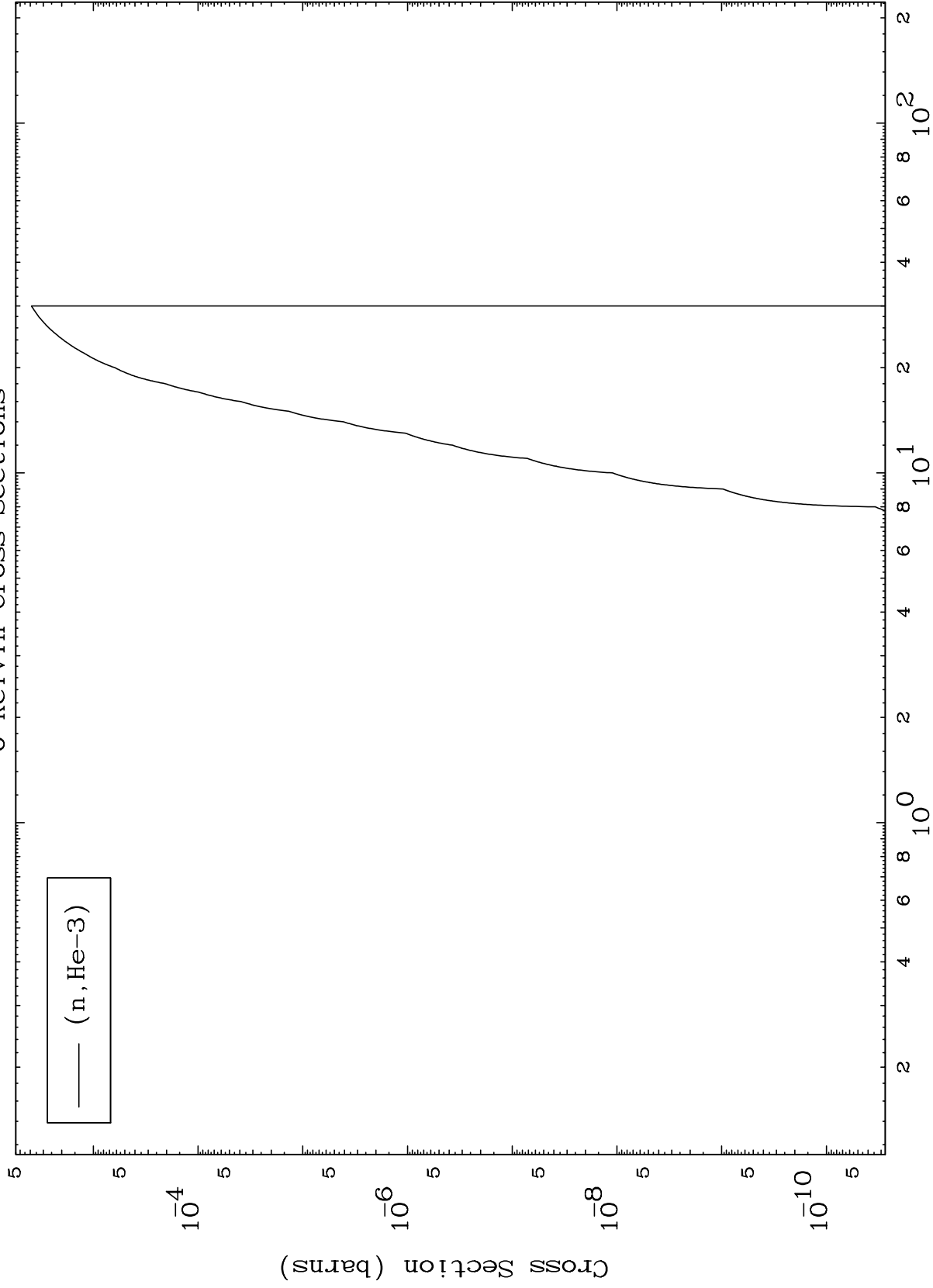
(d,t) Levels
0 Kelvin Cross Sections



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68-Er-151

(d,He3) Levels
0 Kelvin Cross Sections

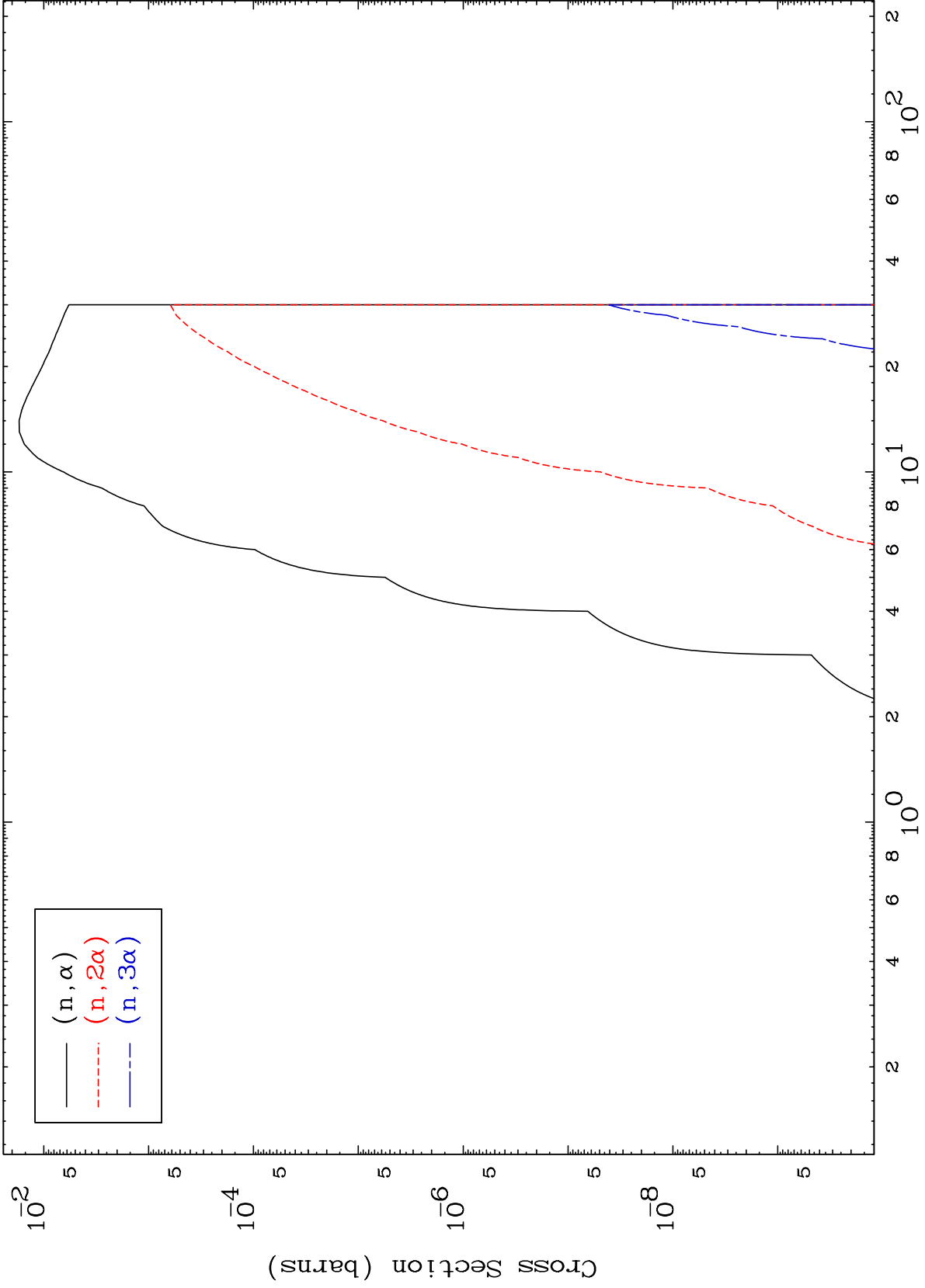


10

Incident Energy (MeV)

68-Er-151

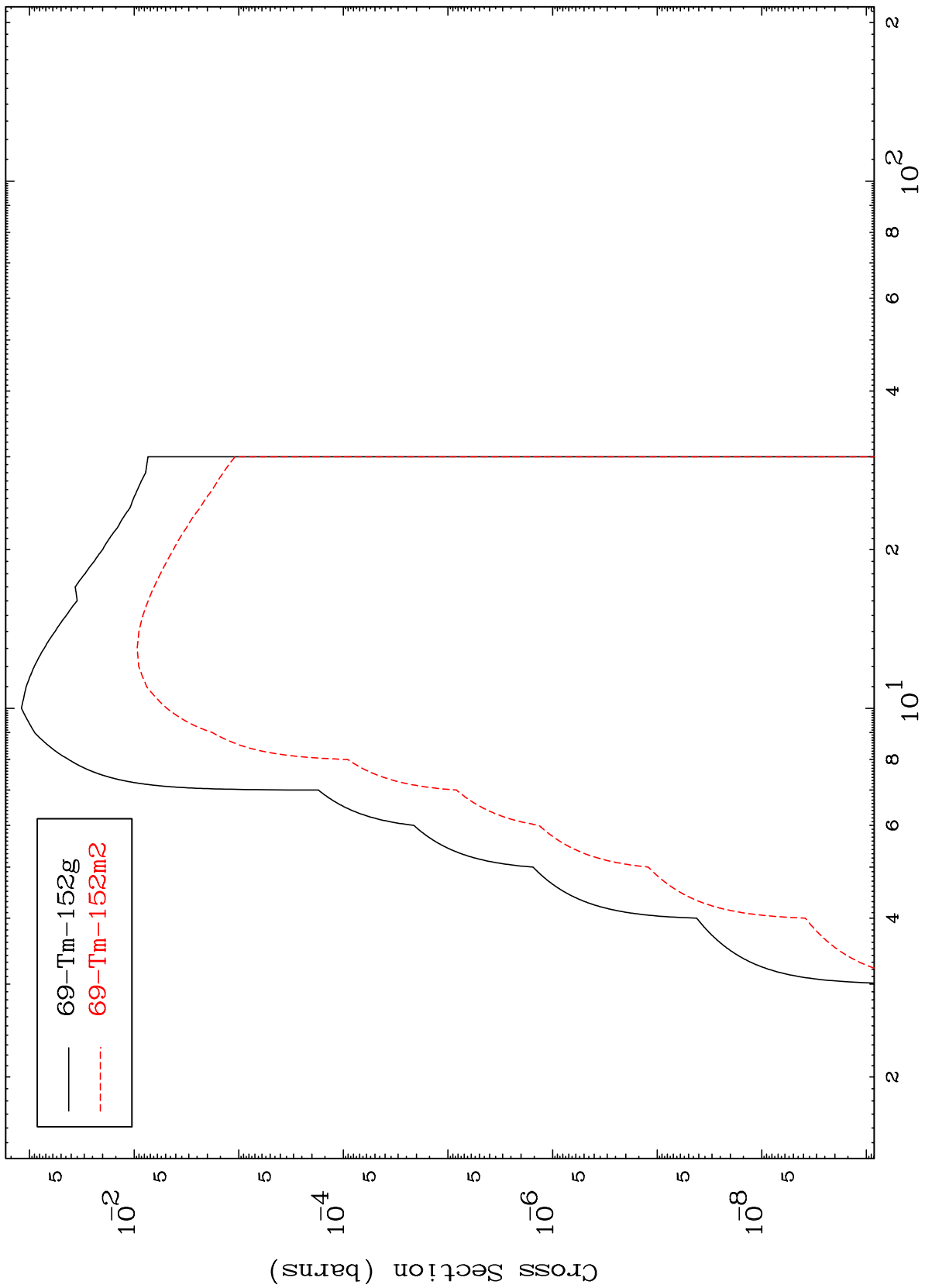
0 Kelvin Cross Sections



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68-Er-151

Inelastic
Radionuclide Production Cross Section



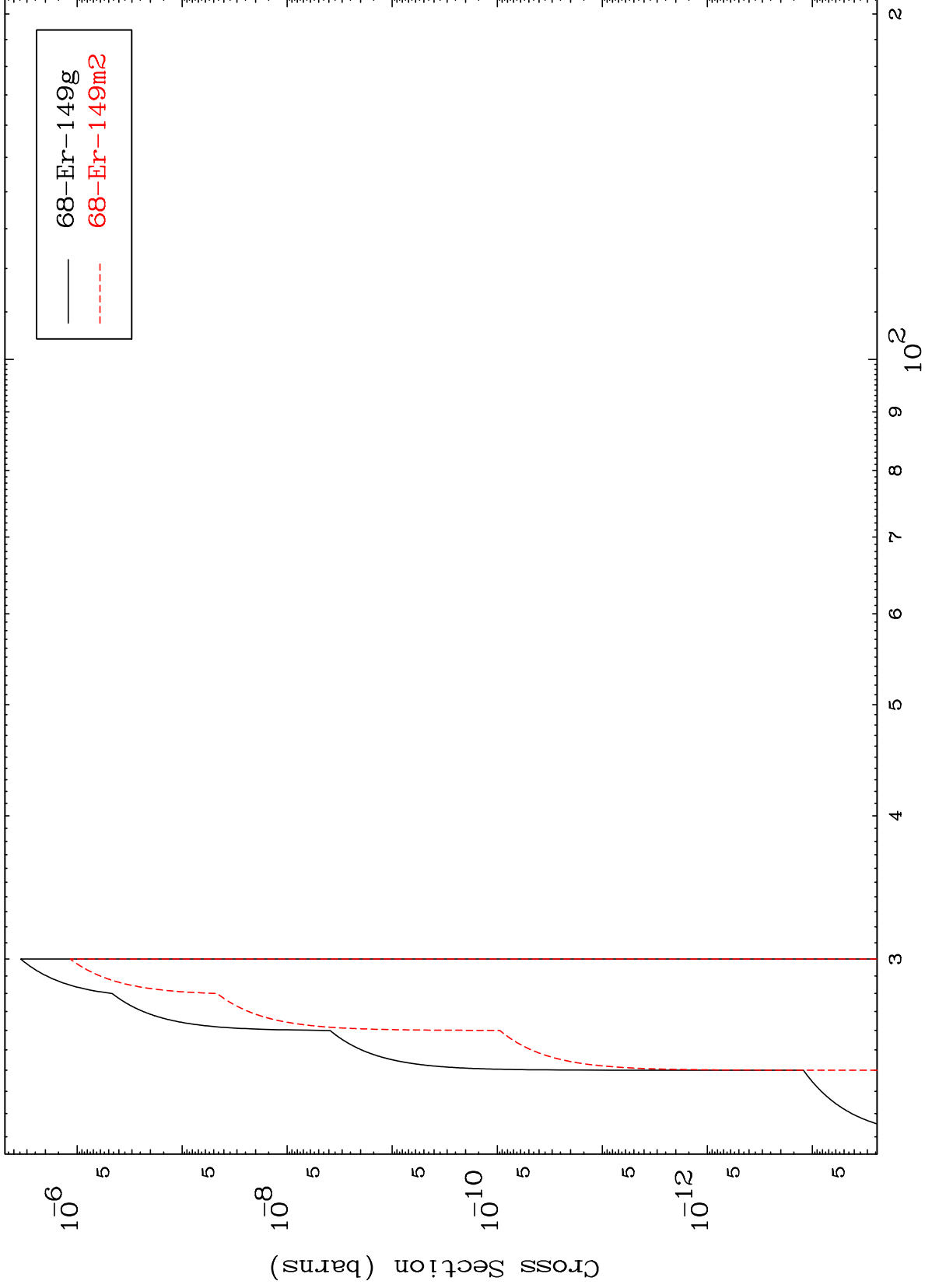
— 69-Tm-152g
- - - 69-Tm-152m2

12

Incident Energy (MeV)

68-Er-151

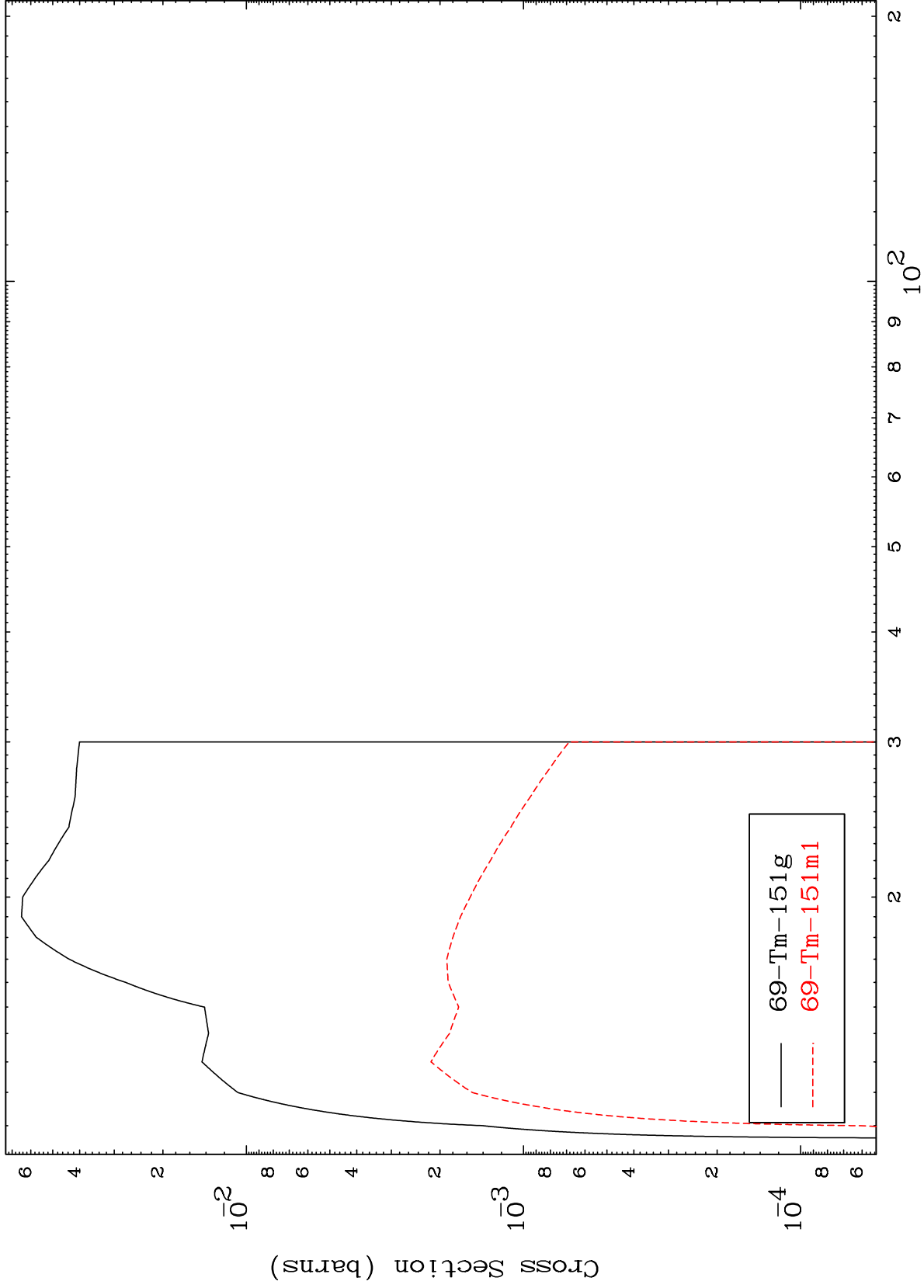
Radionuclide Production Cross Section



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68-Er-151

(n,2n)
Radionuclide Production Cross Section



68-Er-151

Incident Energy (MeV)

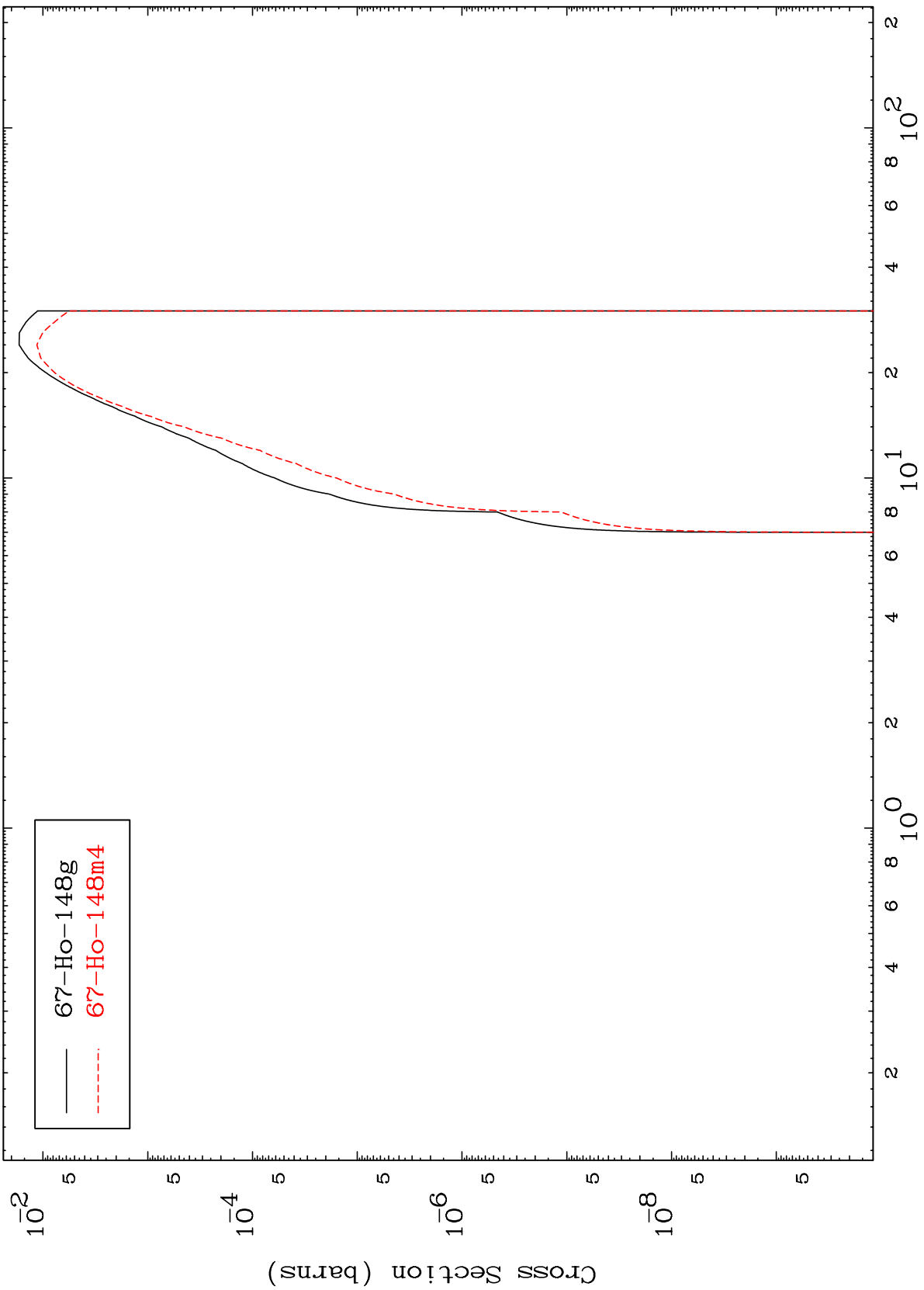
14

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$(n, n') \alpha$

68-Er-151

Radionuclide Production Cross Section



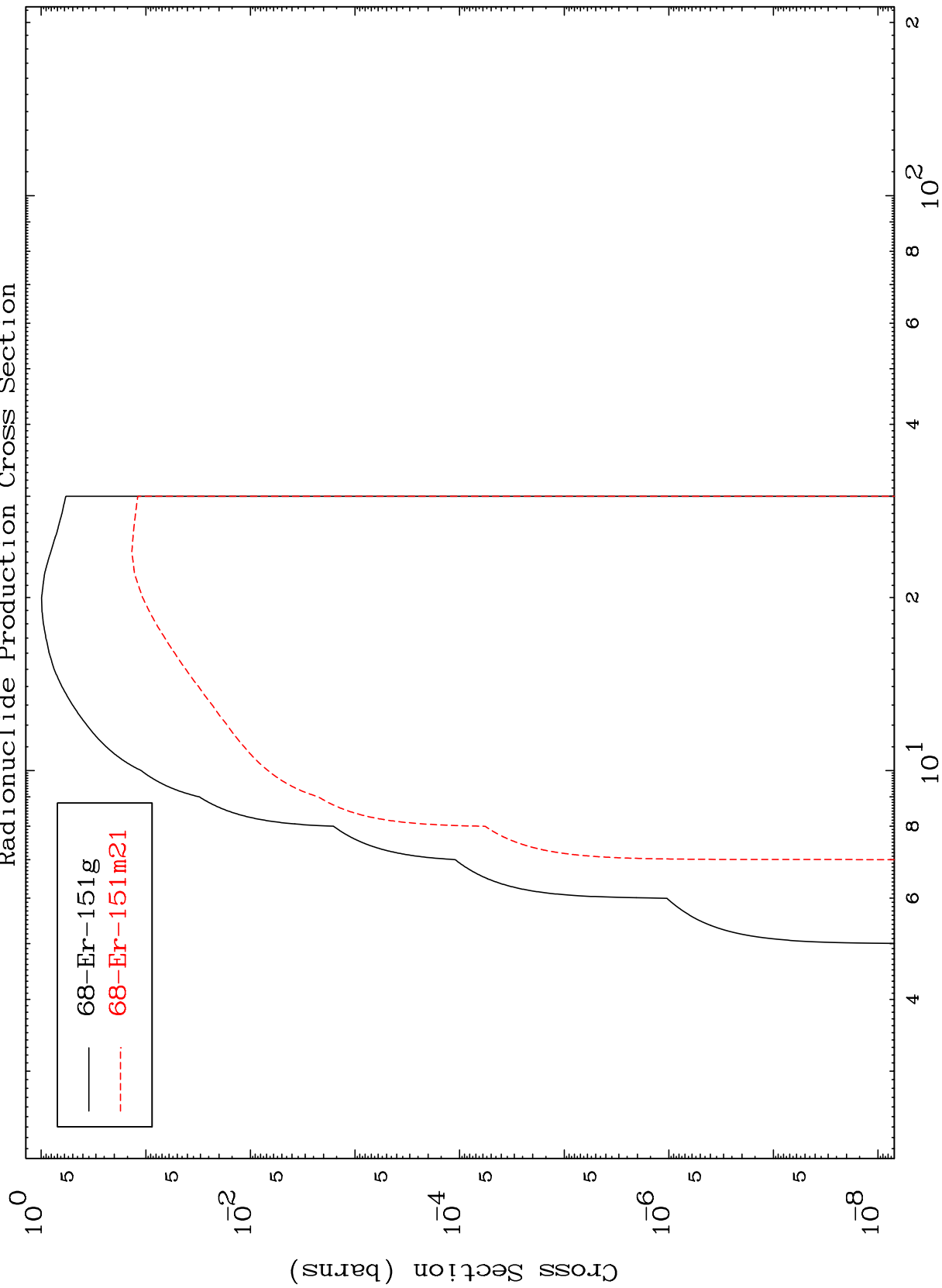
— 67-Ho-148g
- - - 67-Ho-148m4

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(n,n') p

68-Er-151

Radionuclide Production Cross Section



16

Incident Energy (MeV)

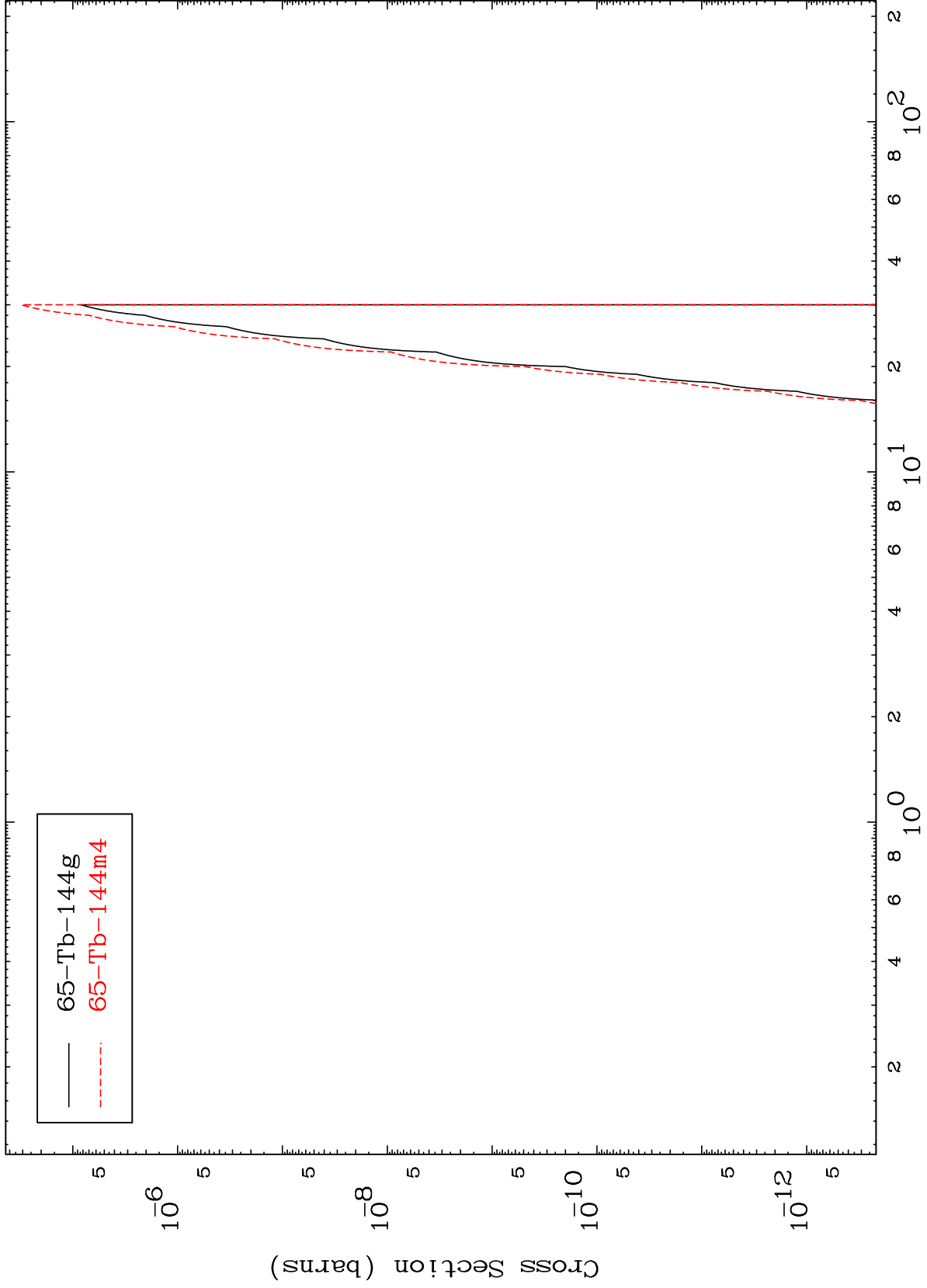
68-Er-151

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(n,n') 2 α

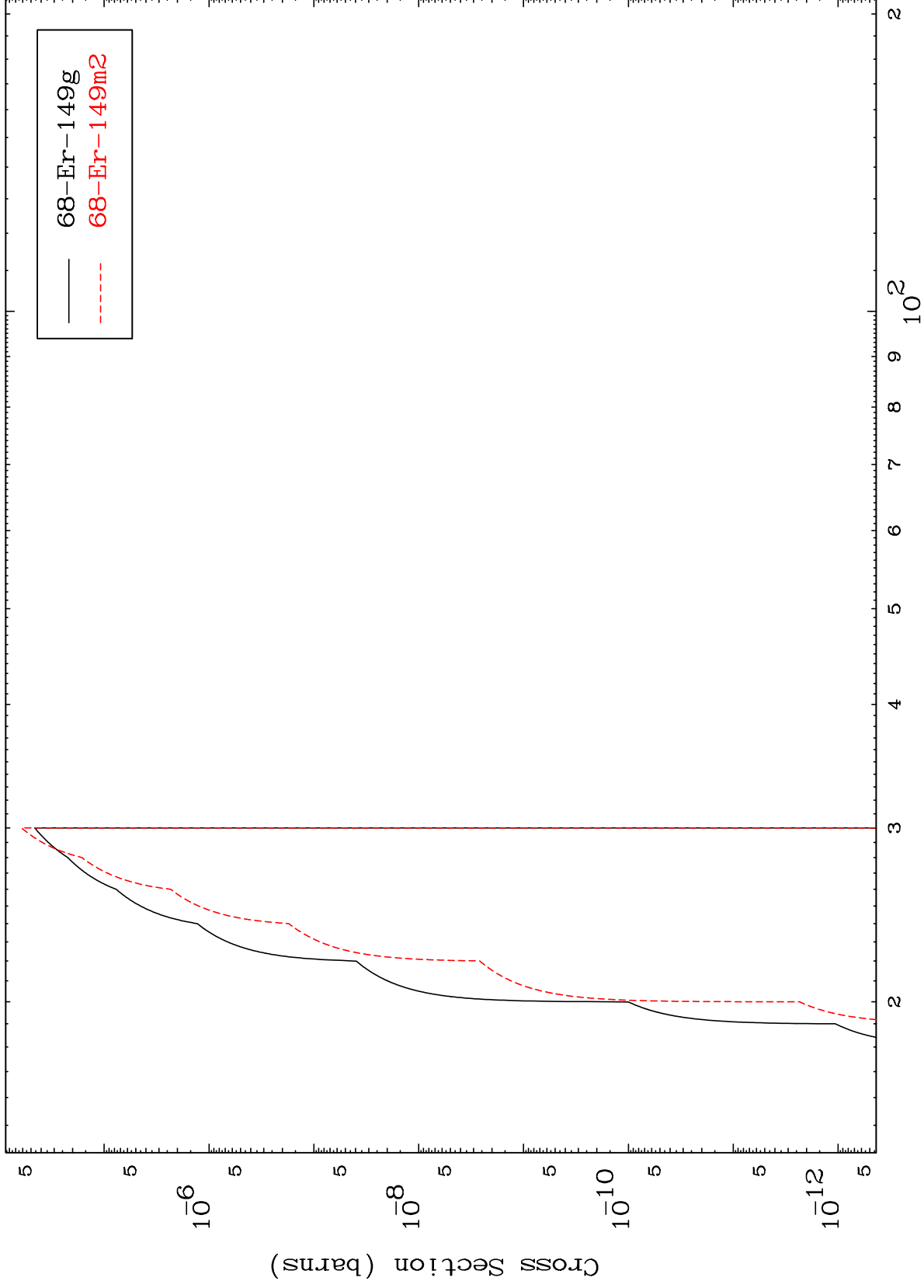
68-Er-151

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

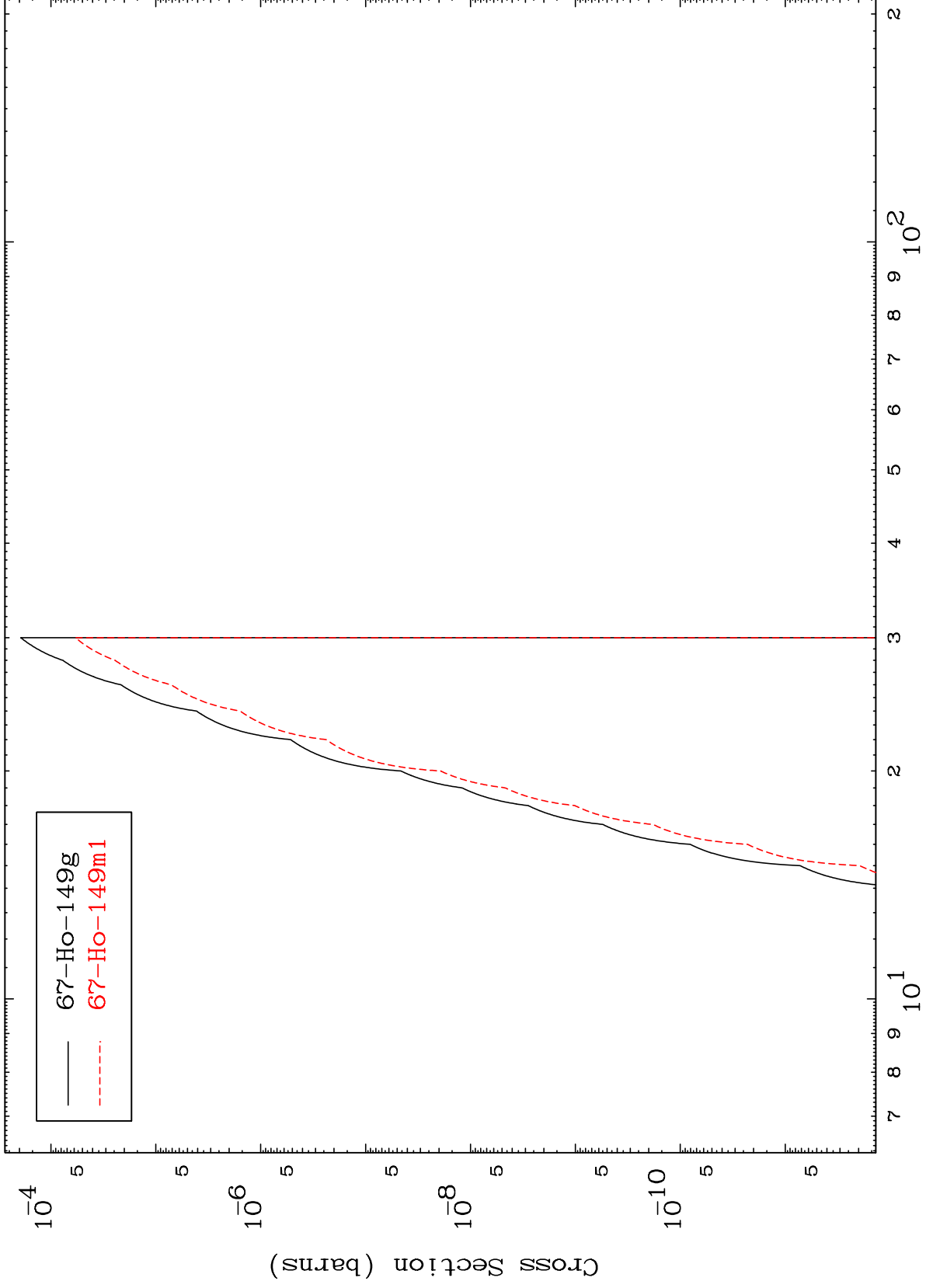


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(n,n') He-3

68-Er-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

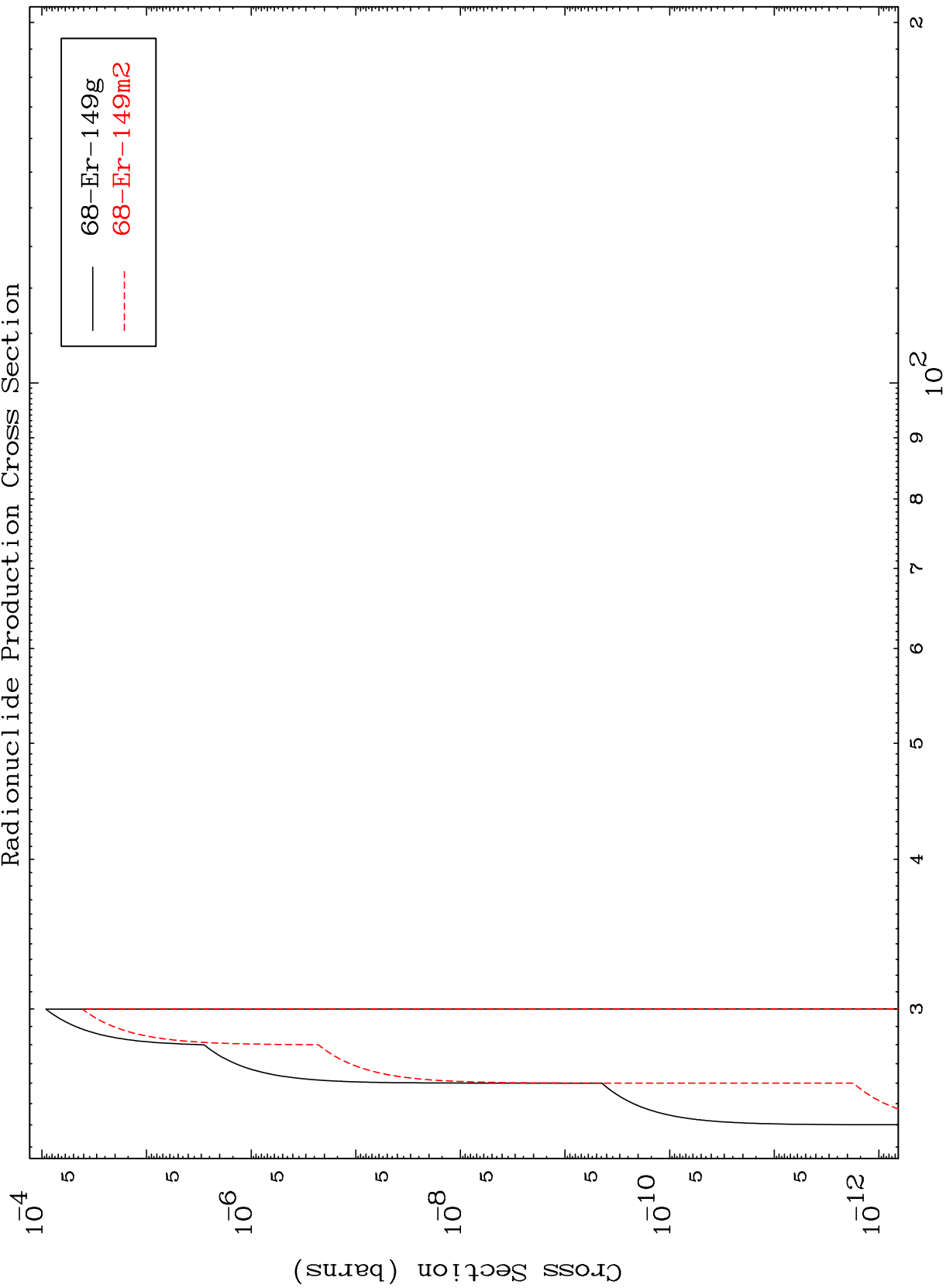
68-Er-151

MAT 6792

(n,3n) p

68-Er-151

Radionuclide Production Cross Section



20

Incident Energy (MeV)

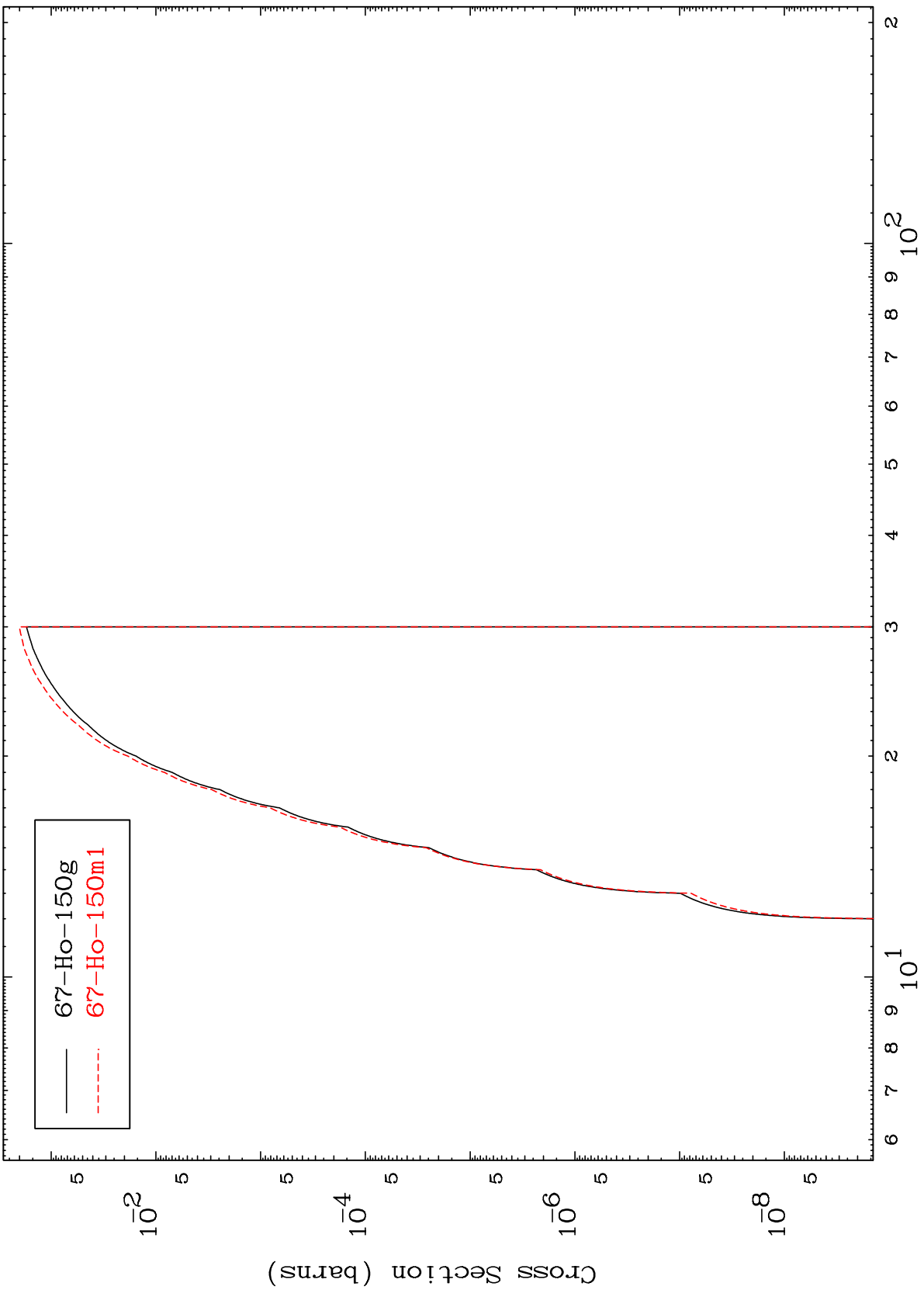
68-Er-151

MAT 6792

(n,2n) p

68-Er-151

Radionuclide Production Cross Section

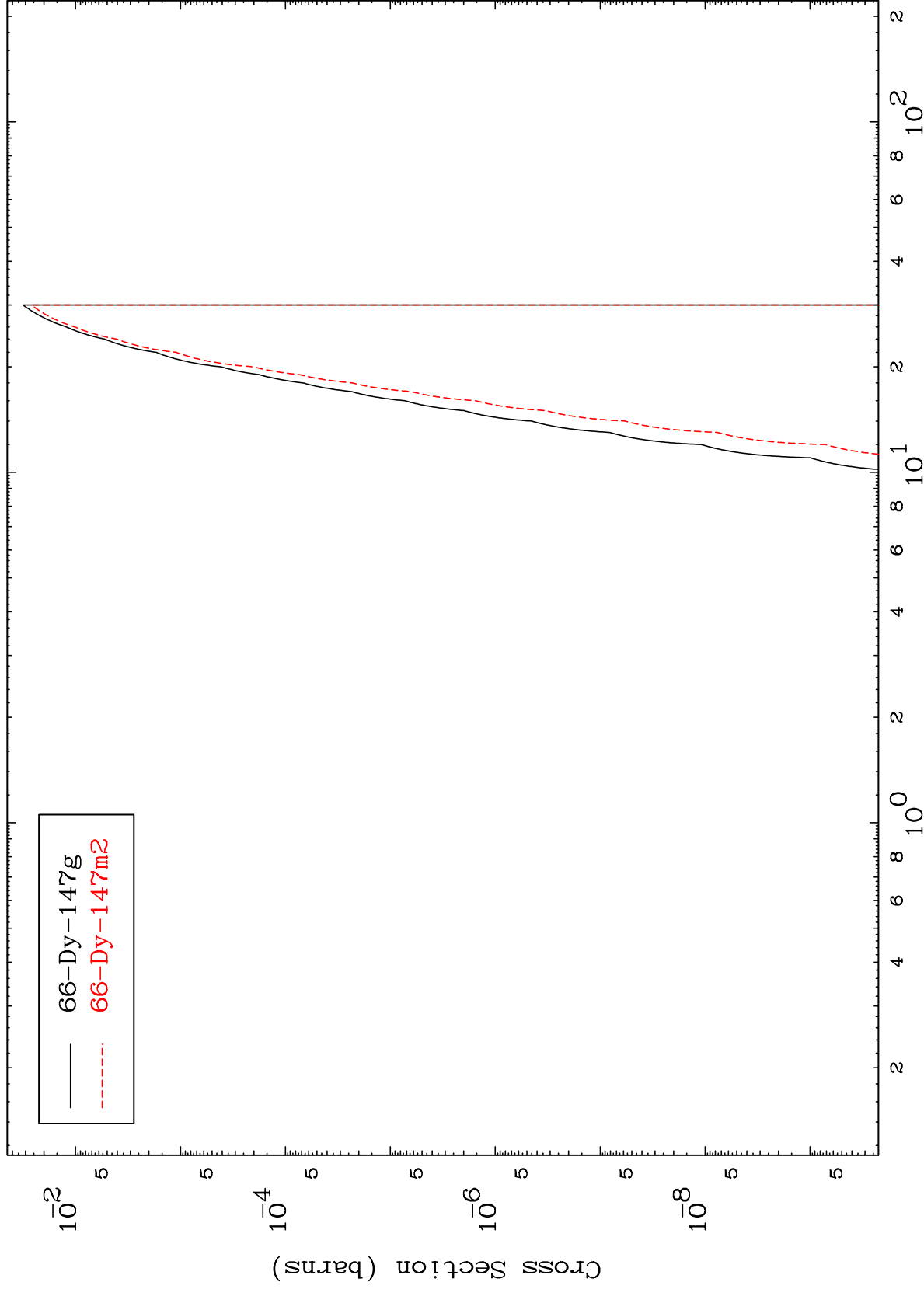


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(n,n') p α

68-Er-151

Radionuclide Production Cross Section



22

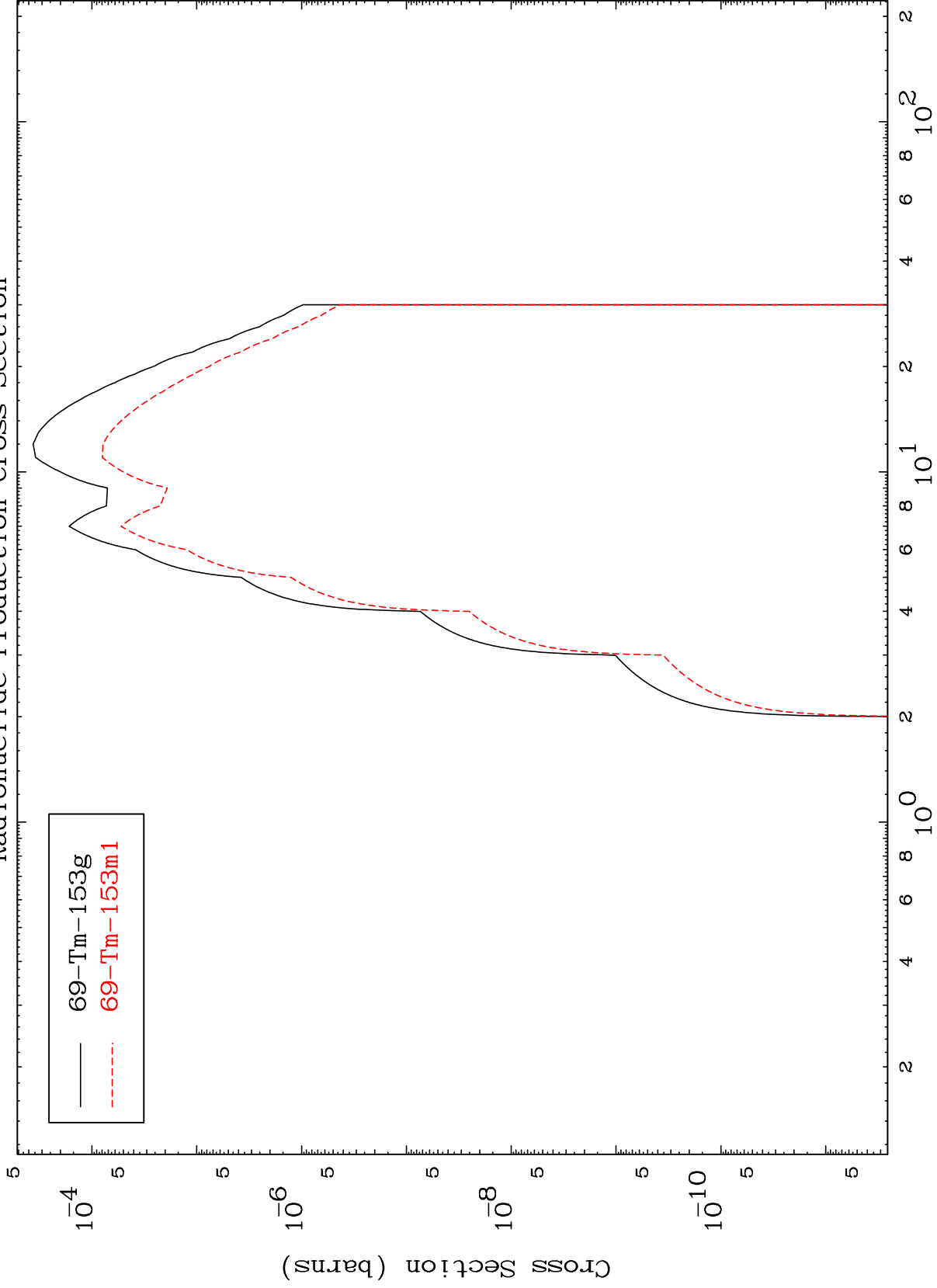
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

(n, γ)
Radionuclide Production Cross Section



23

68-Er-151

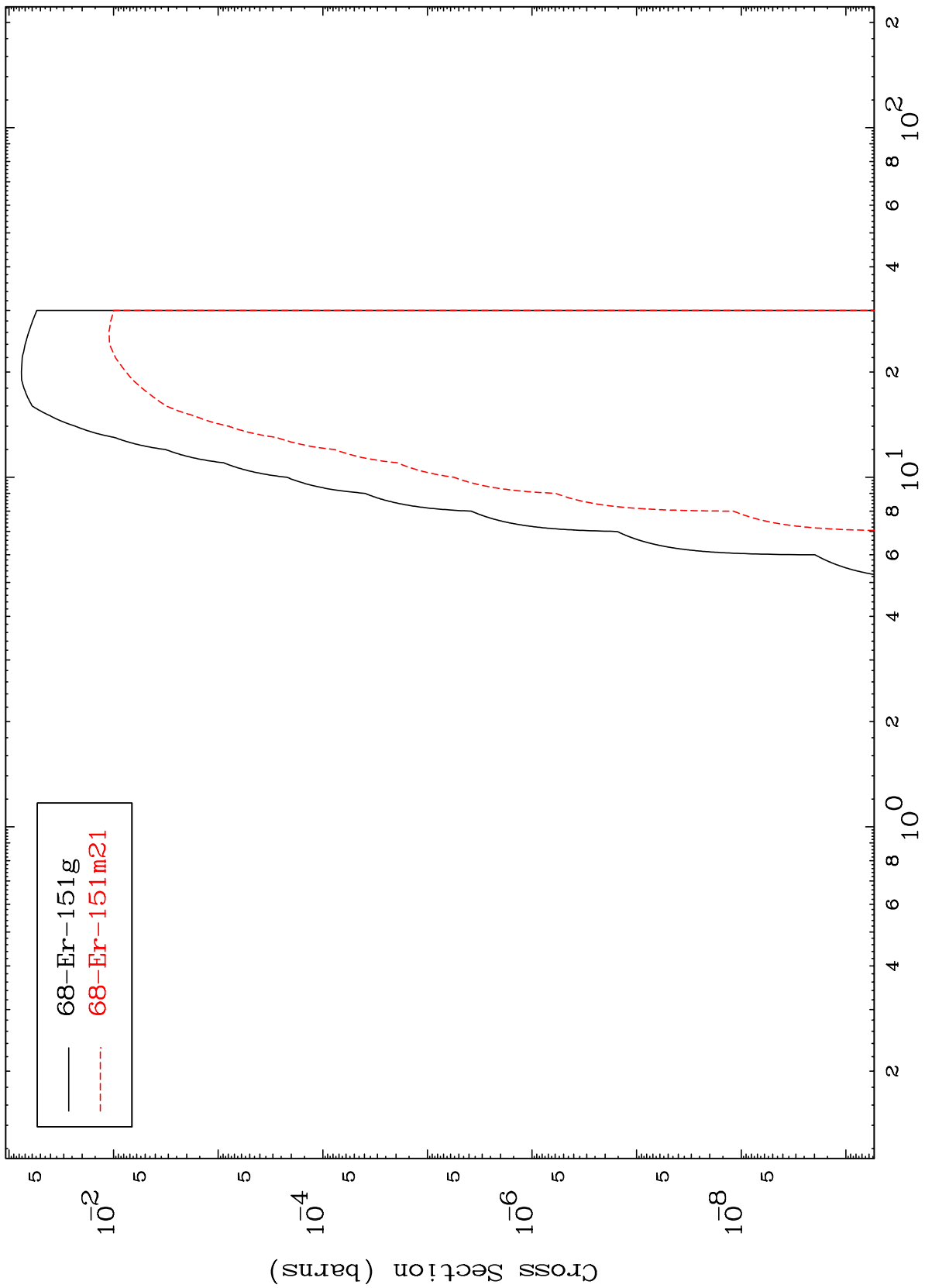
Incident Energy (MeV)

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(n,d)

68-Er-151

Radionuclide Production Cross Section

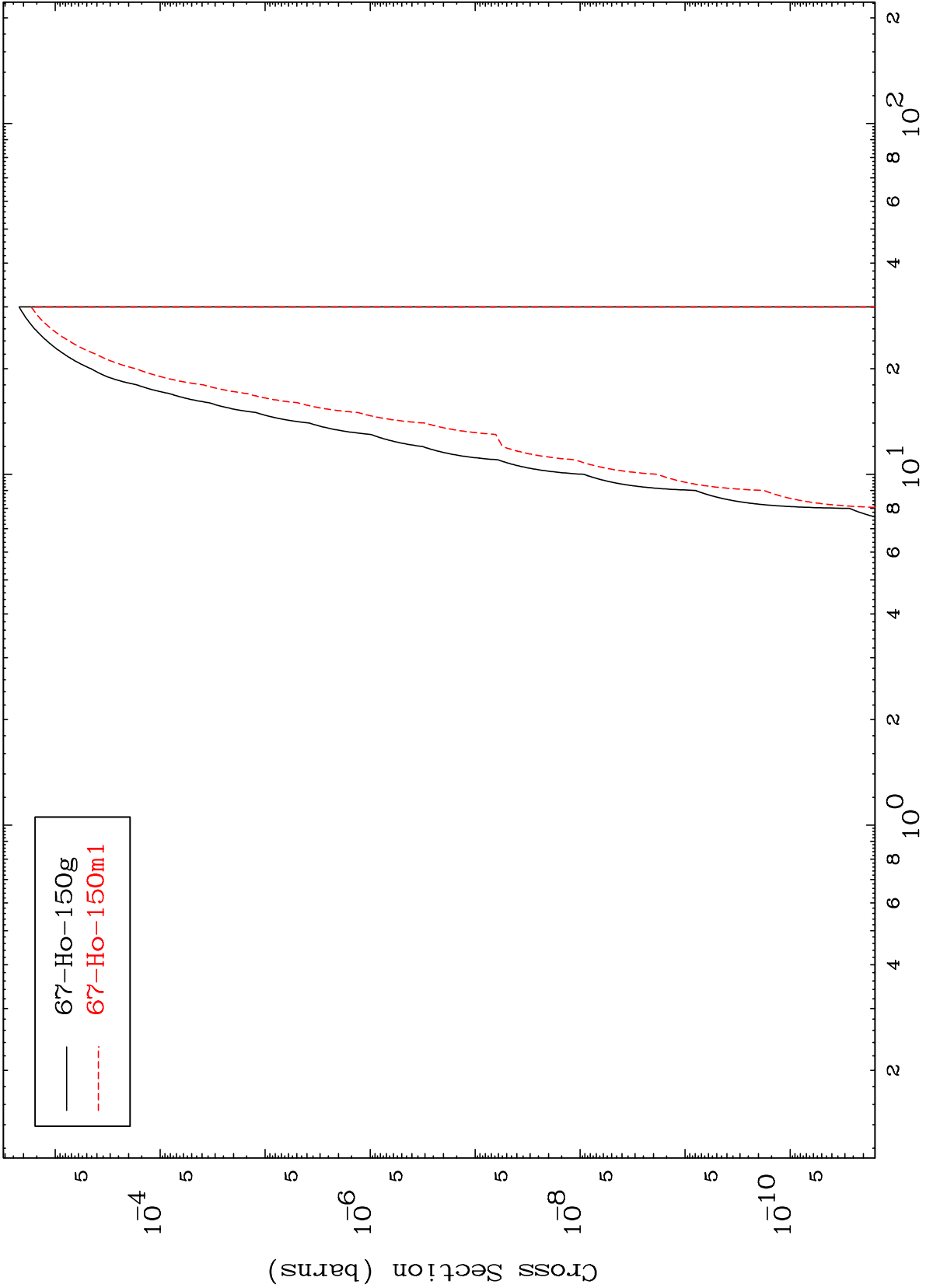


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(n,He-3)

68-Er-151

Radionuclide Production Cross Section



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

25

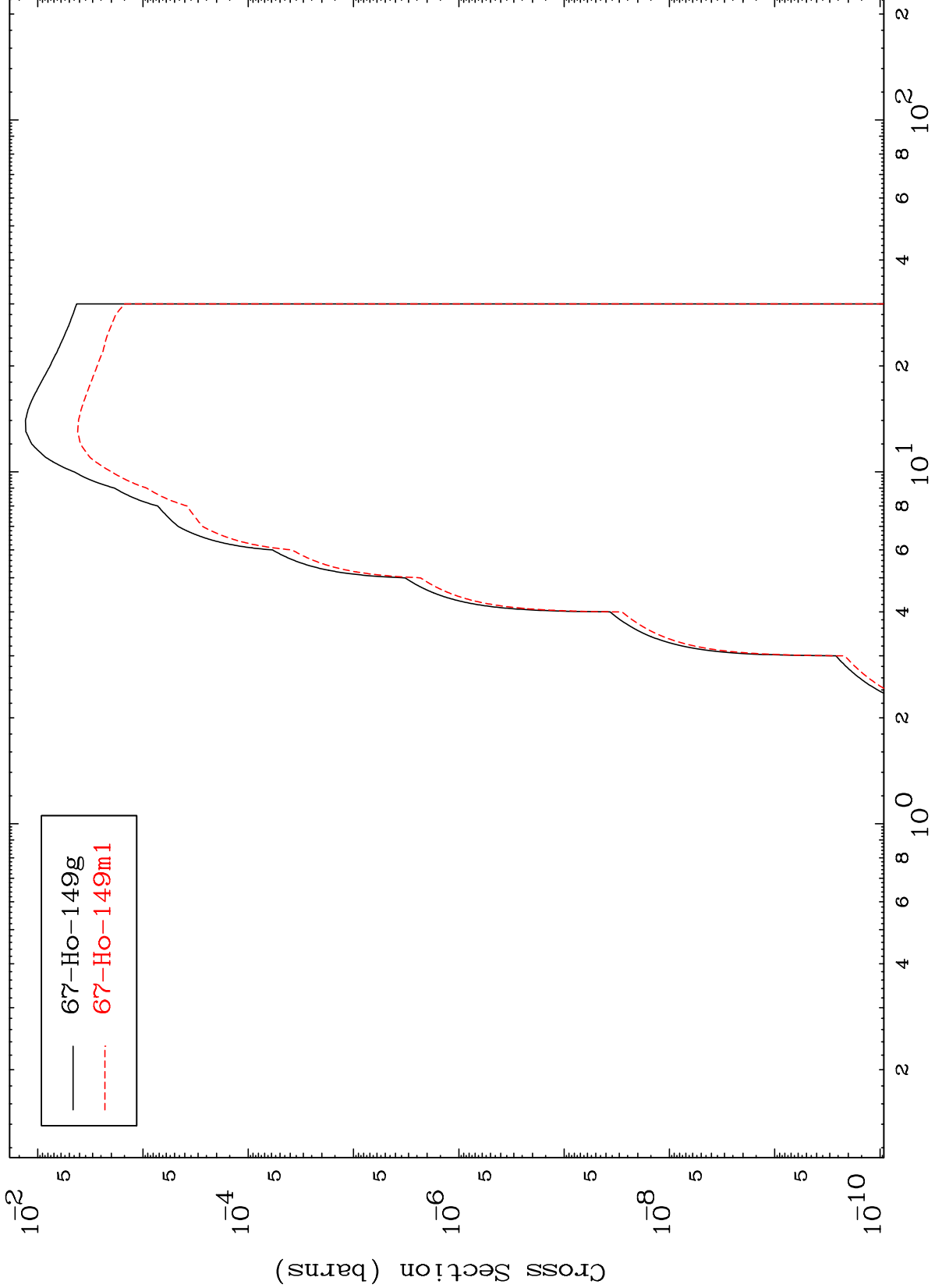
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

Radionuclide Production Cross Section
(n, α)



— 67-Ho-149g
- - - 67-Ho-149m1

26

Incident Energy (MeV)

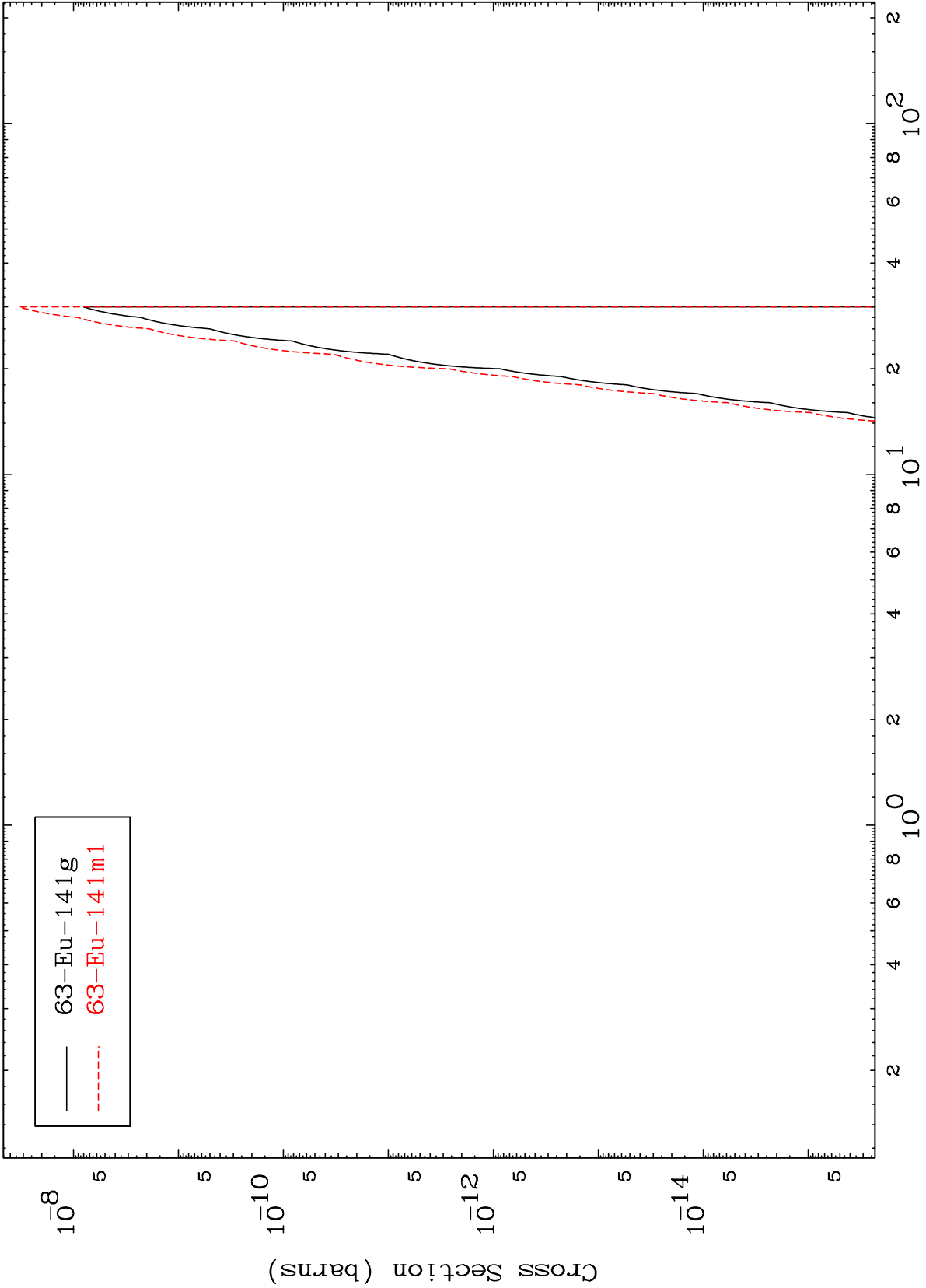
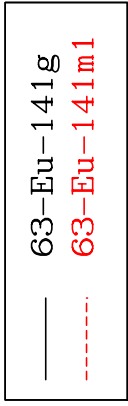
68-Er-151

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(n, 3α)

68-Er-151

Radionuclide Production Cross Section



Incident Energy (MeV)

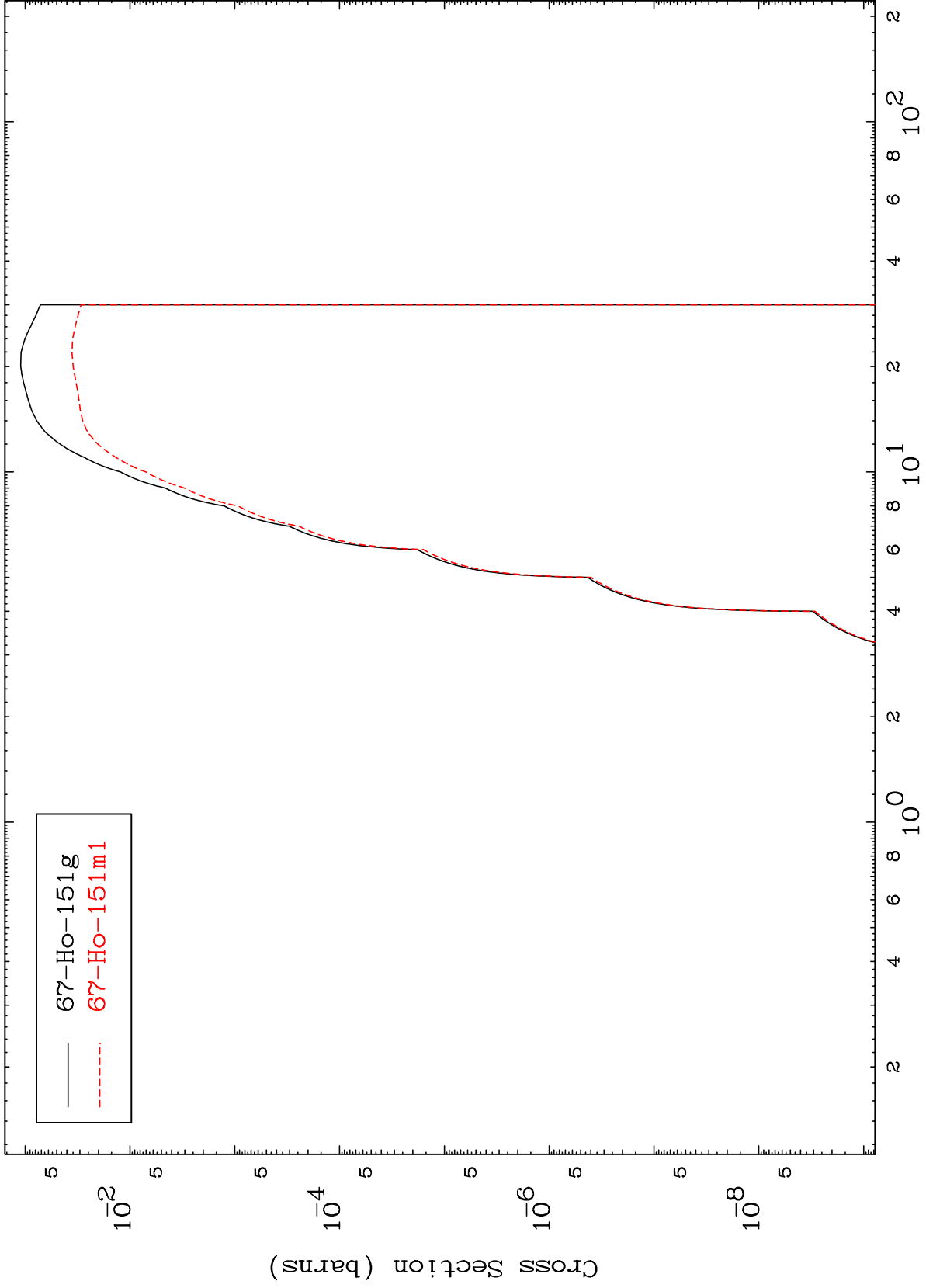
68-Er-151

MAT 6792

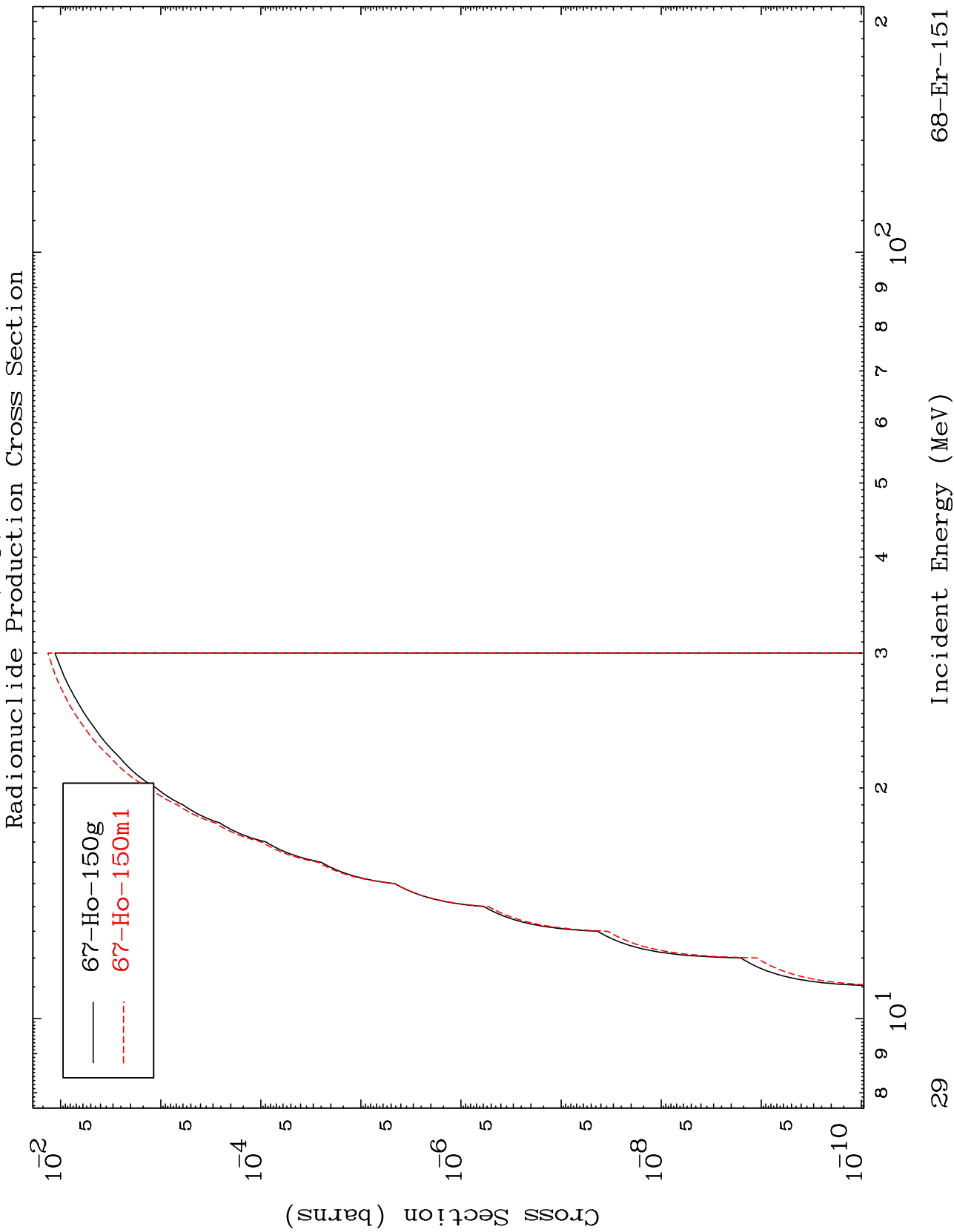
(n,2p)

68-Er-151

Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

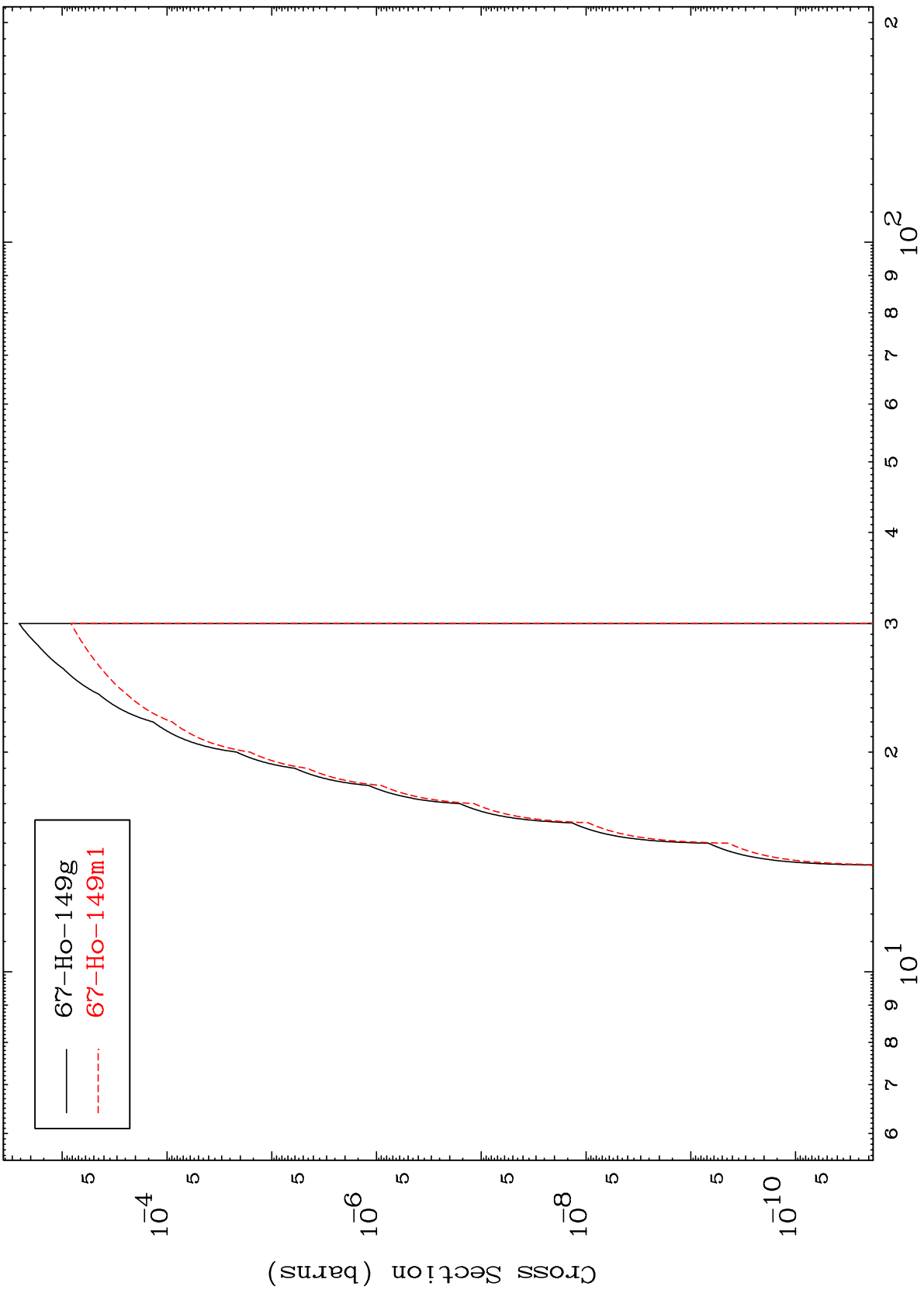


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(n,p) t

68-Er-151

Radionuclide Production Cross Section



30

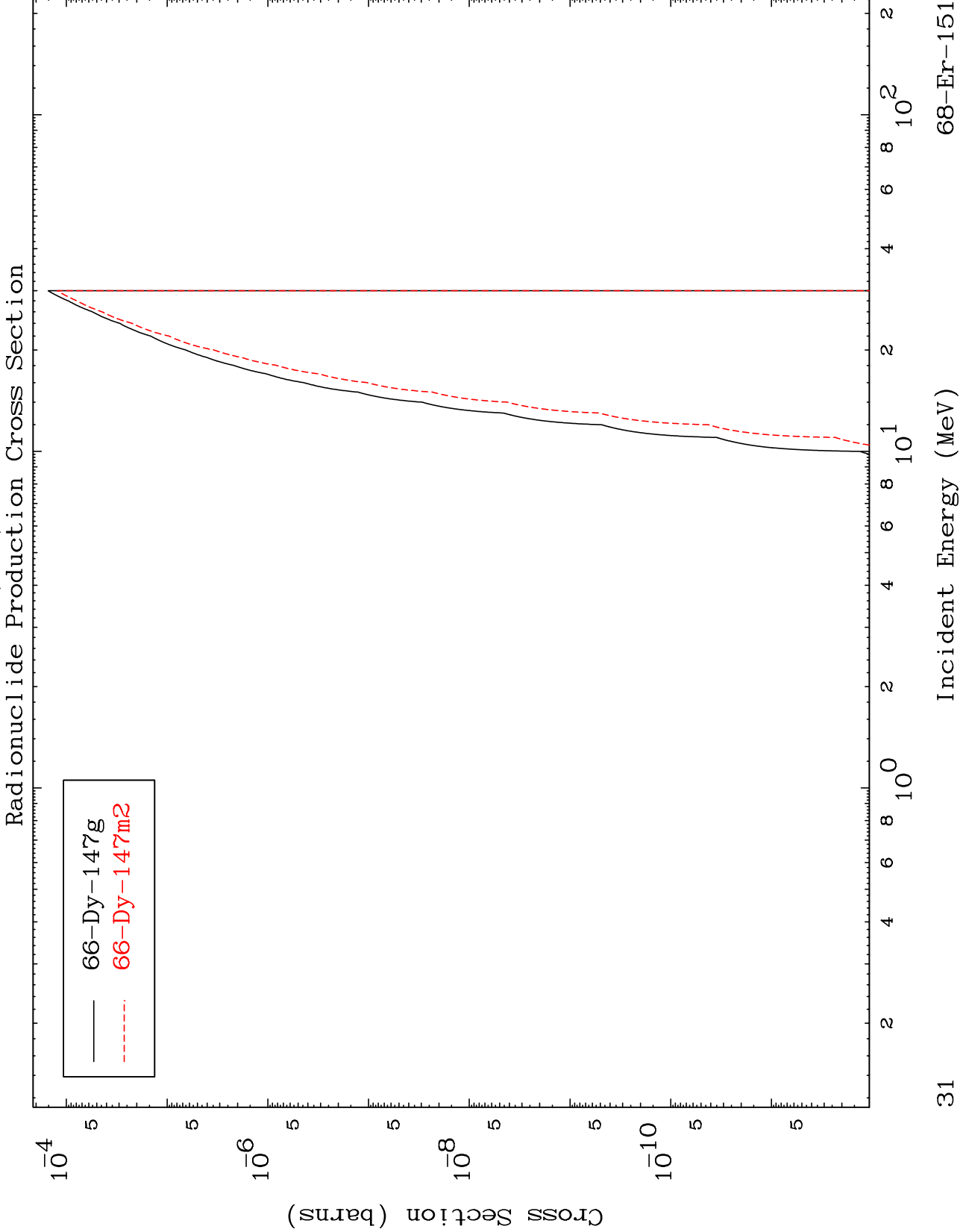
Incident Energy (MeV)

68-Er-151

MAT 6792

(n,d) α

68-Er-151



66-Dy-147g
66-Dy-147m2