

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

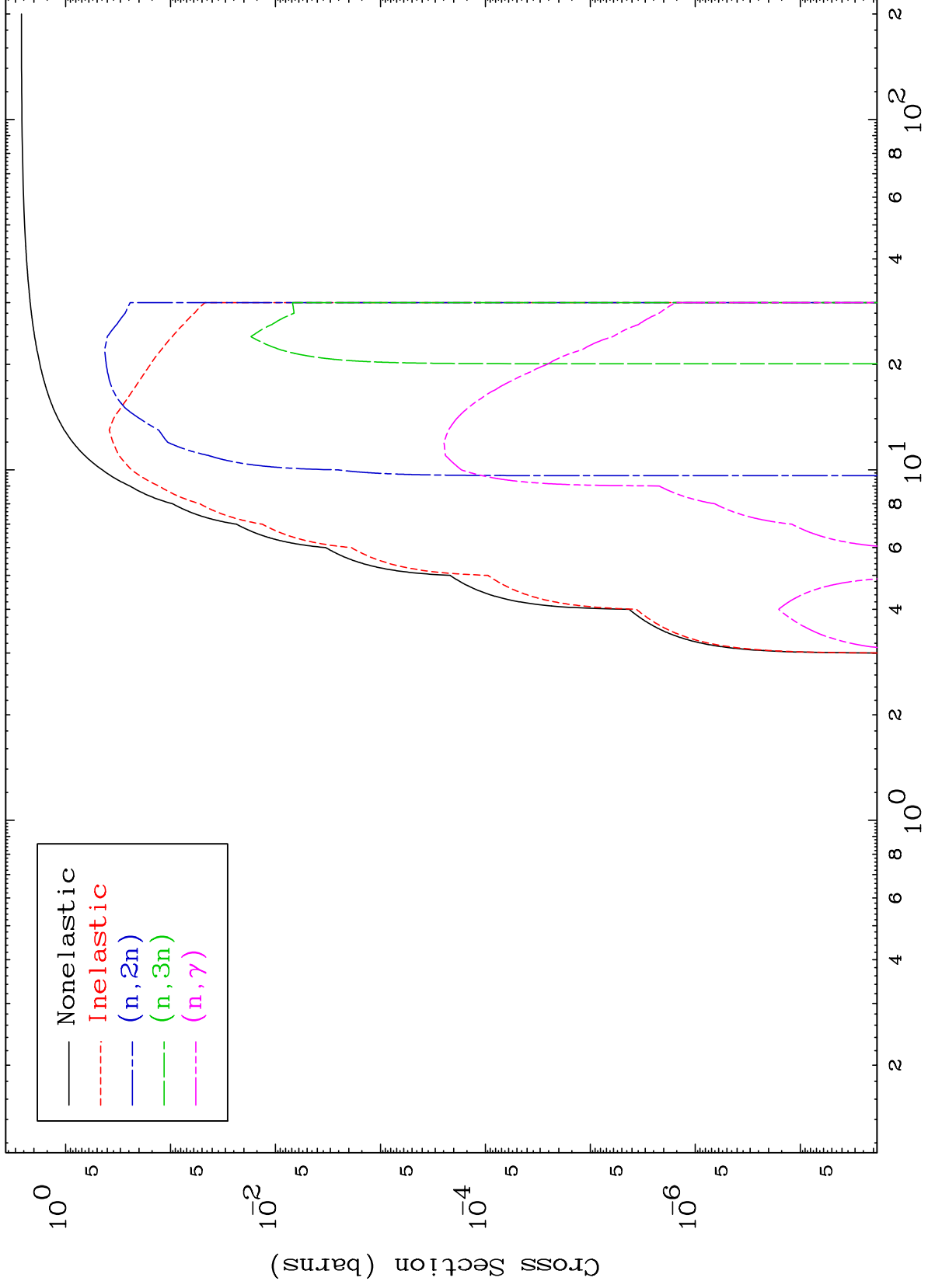
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

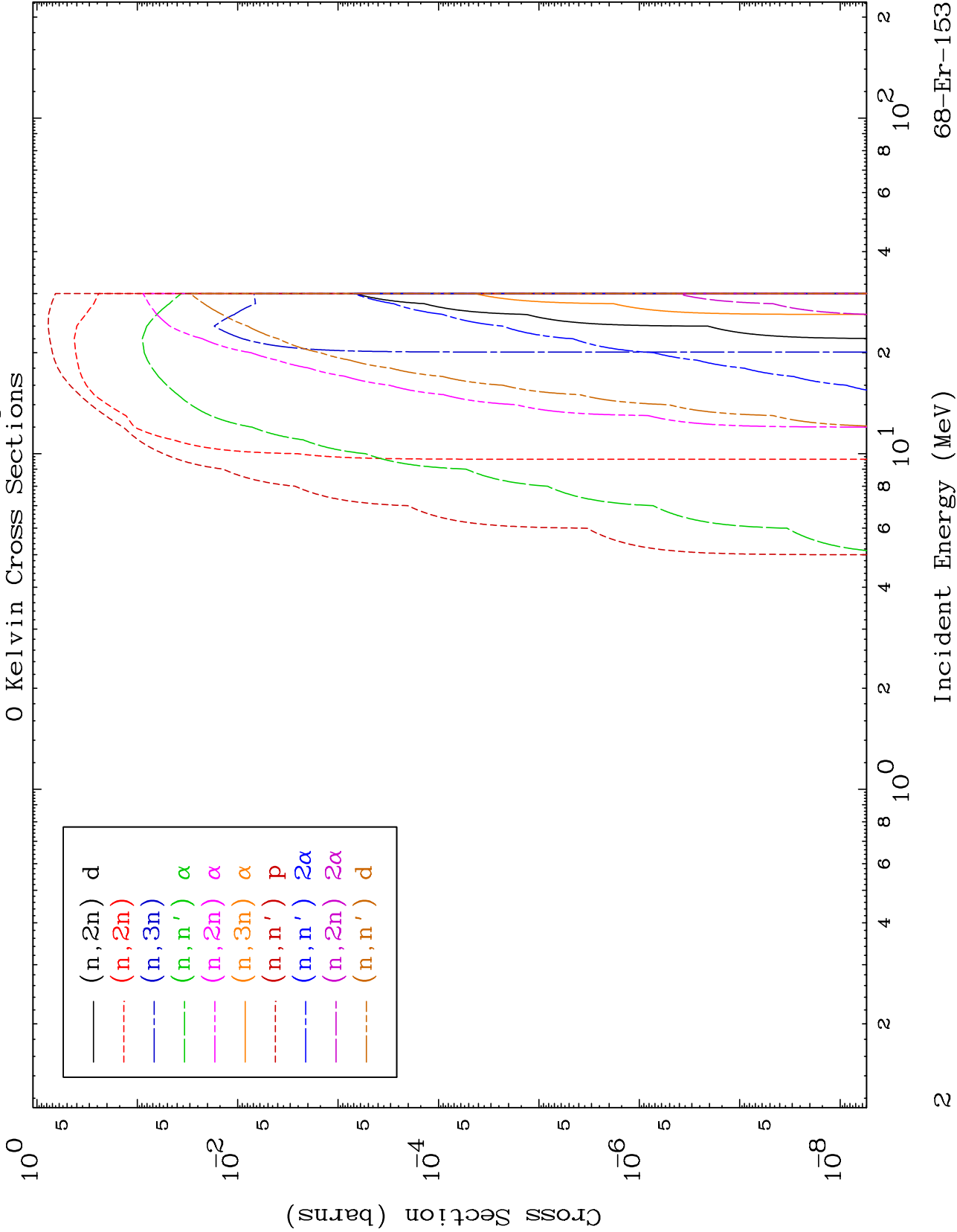
Tele: 925-443-1911

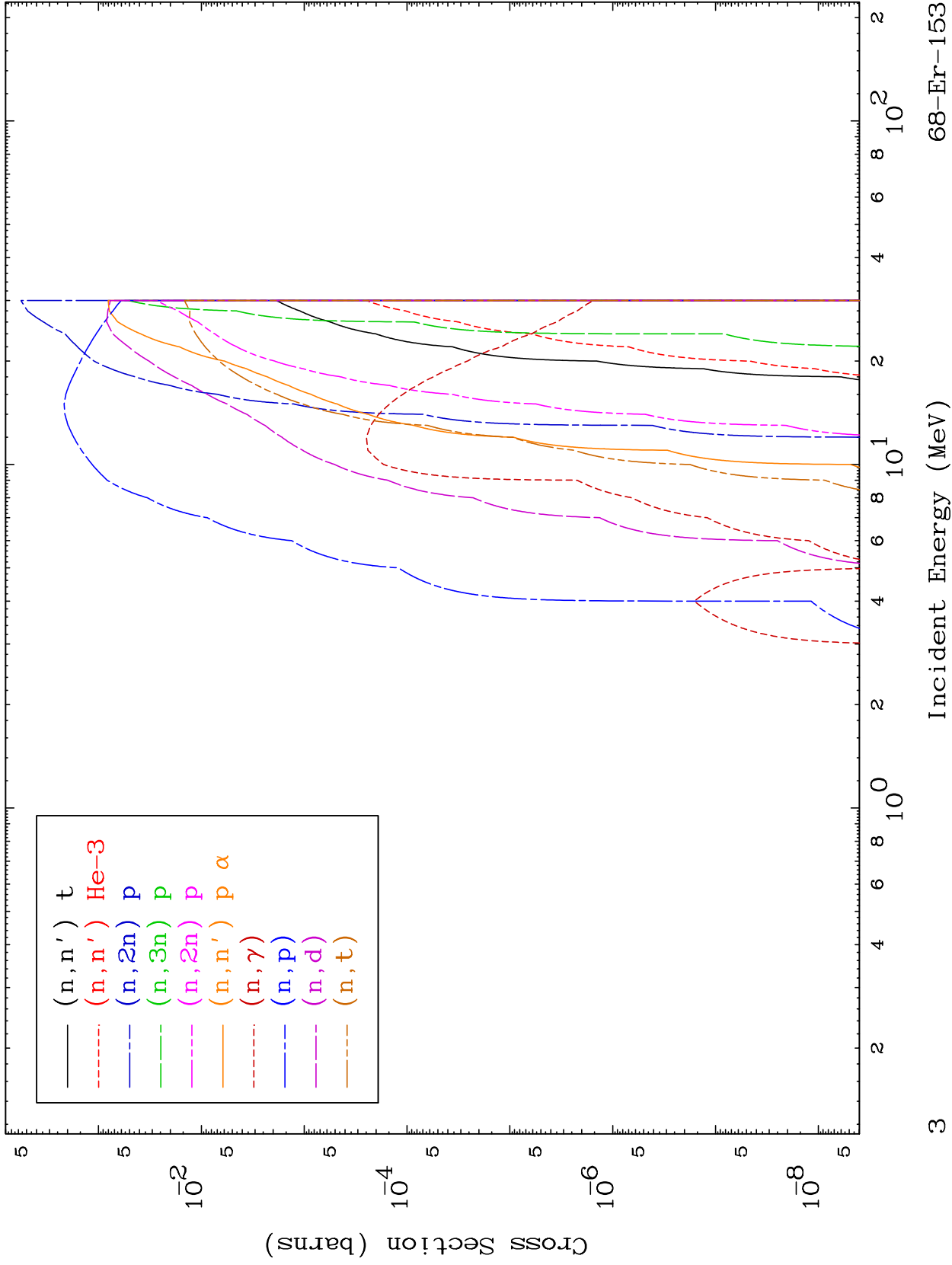
E.Mail:redcullen1@comcast.net

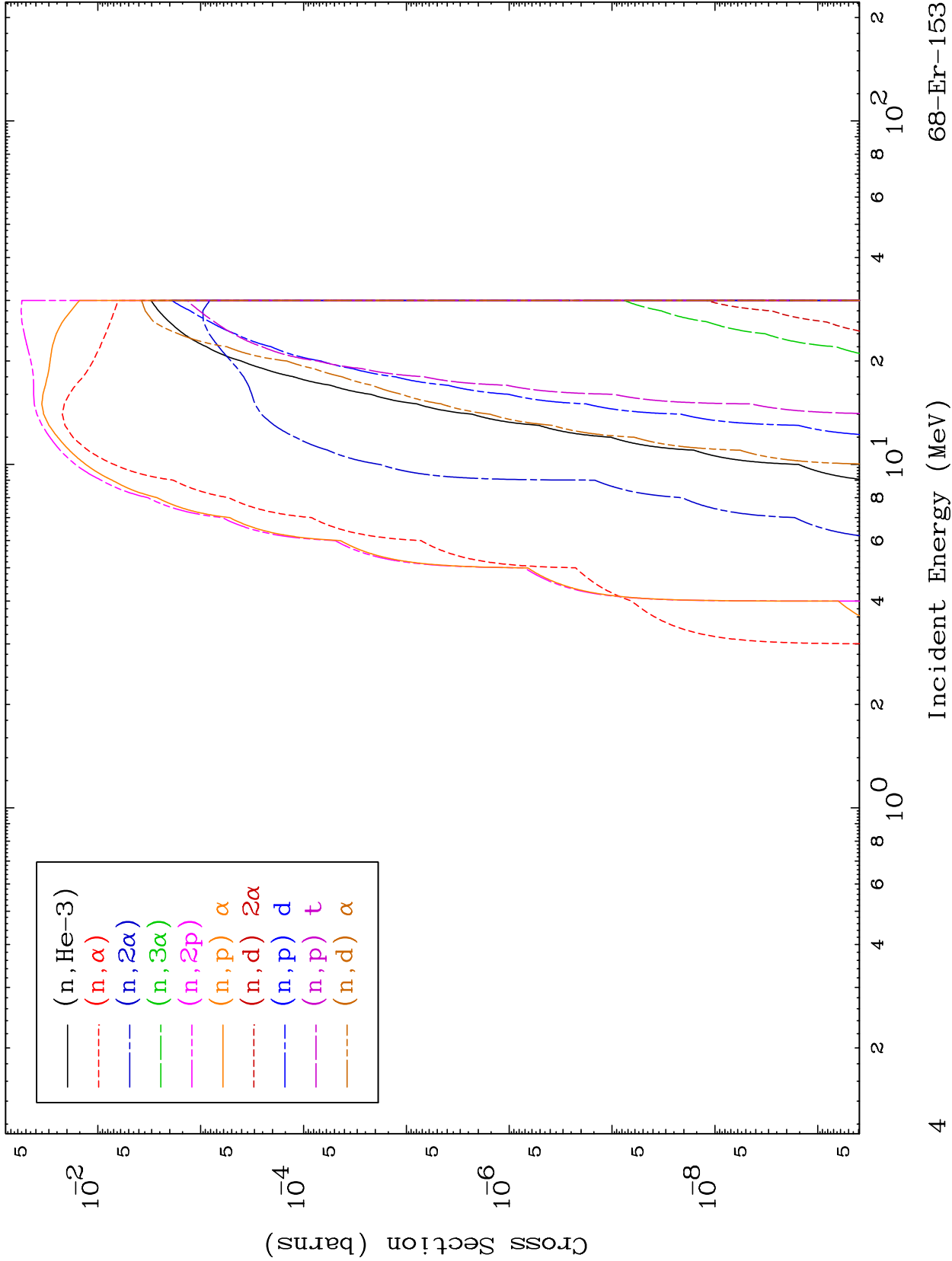
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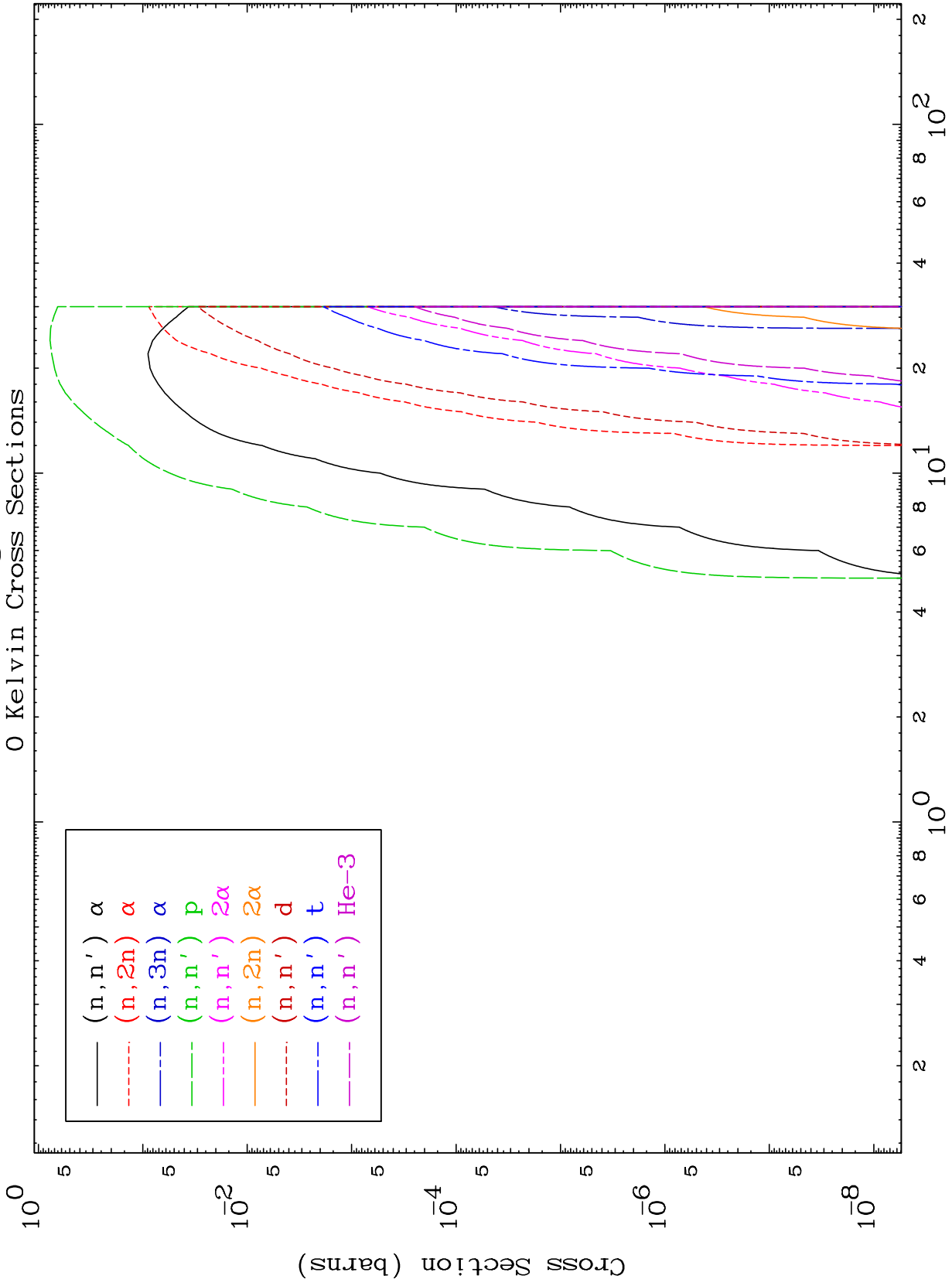
Press Mouse Button to Start

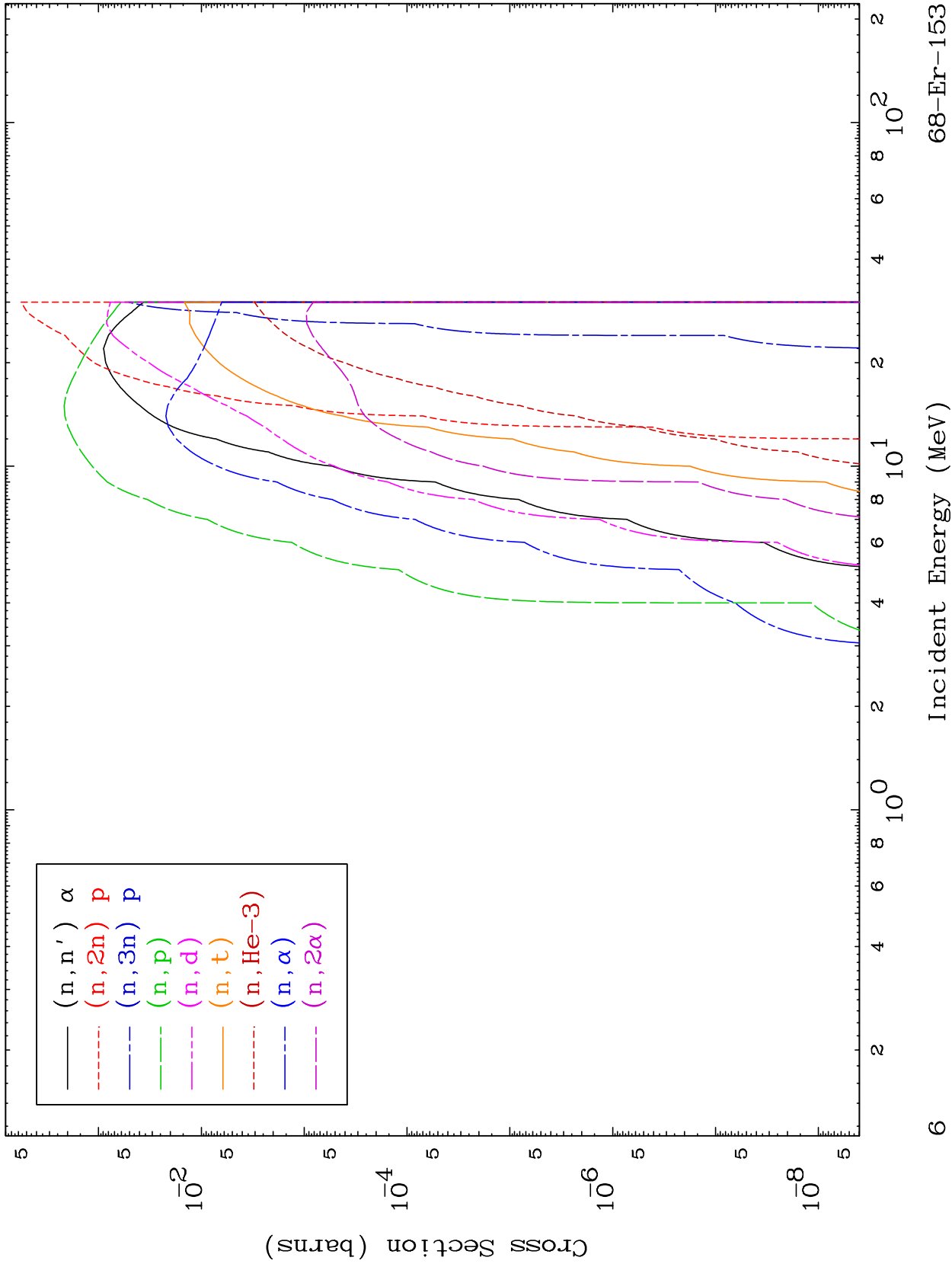


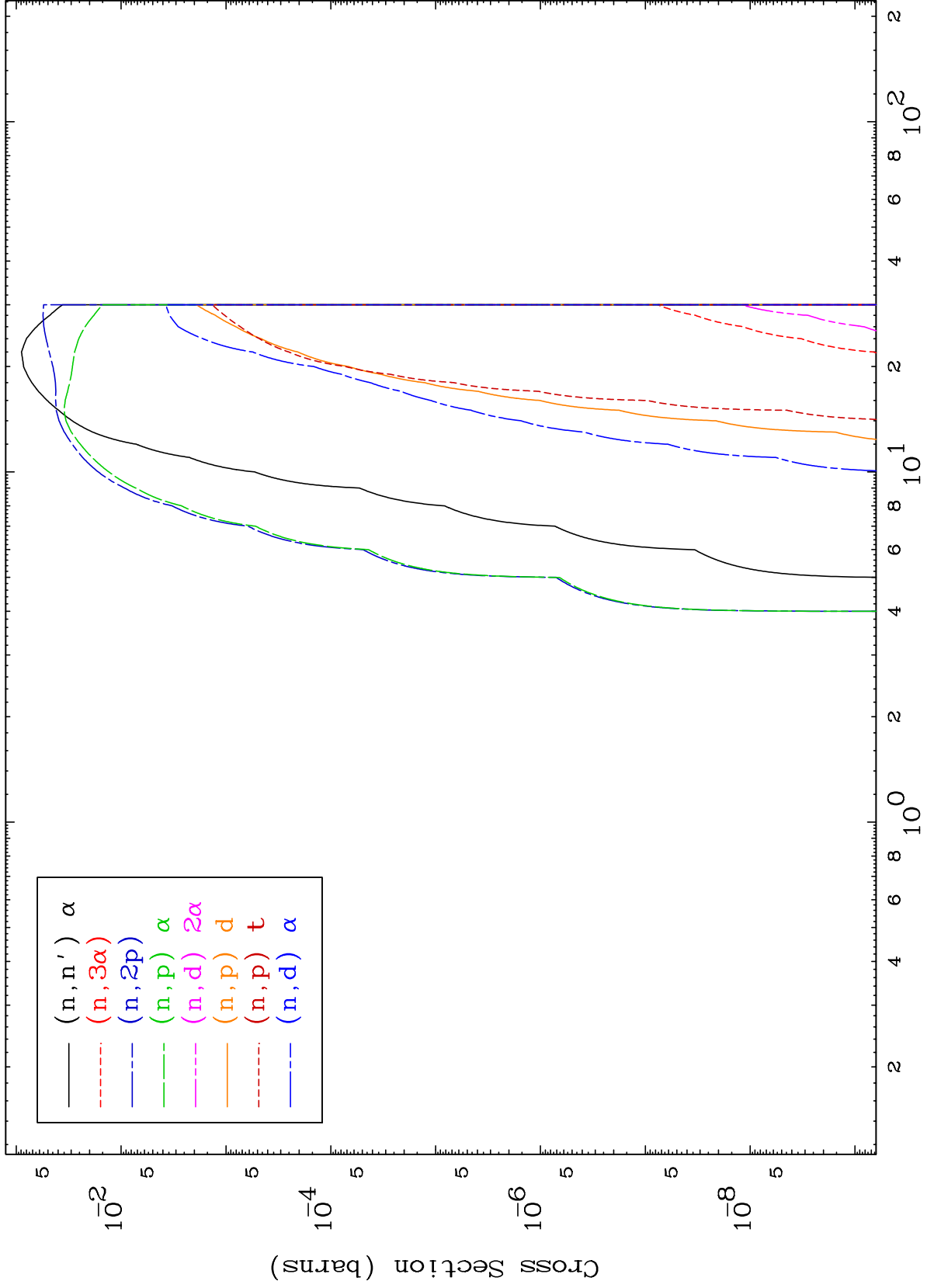










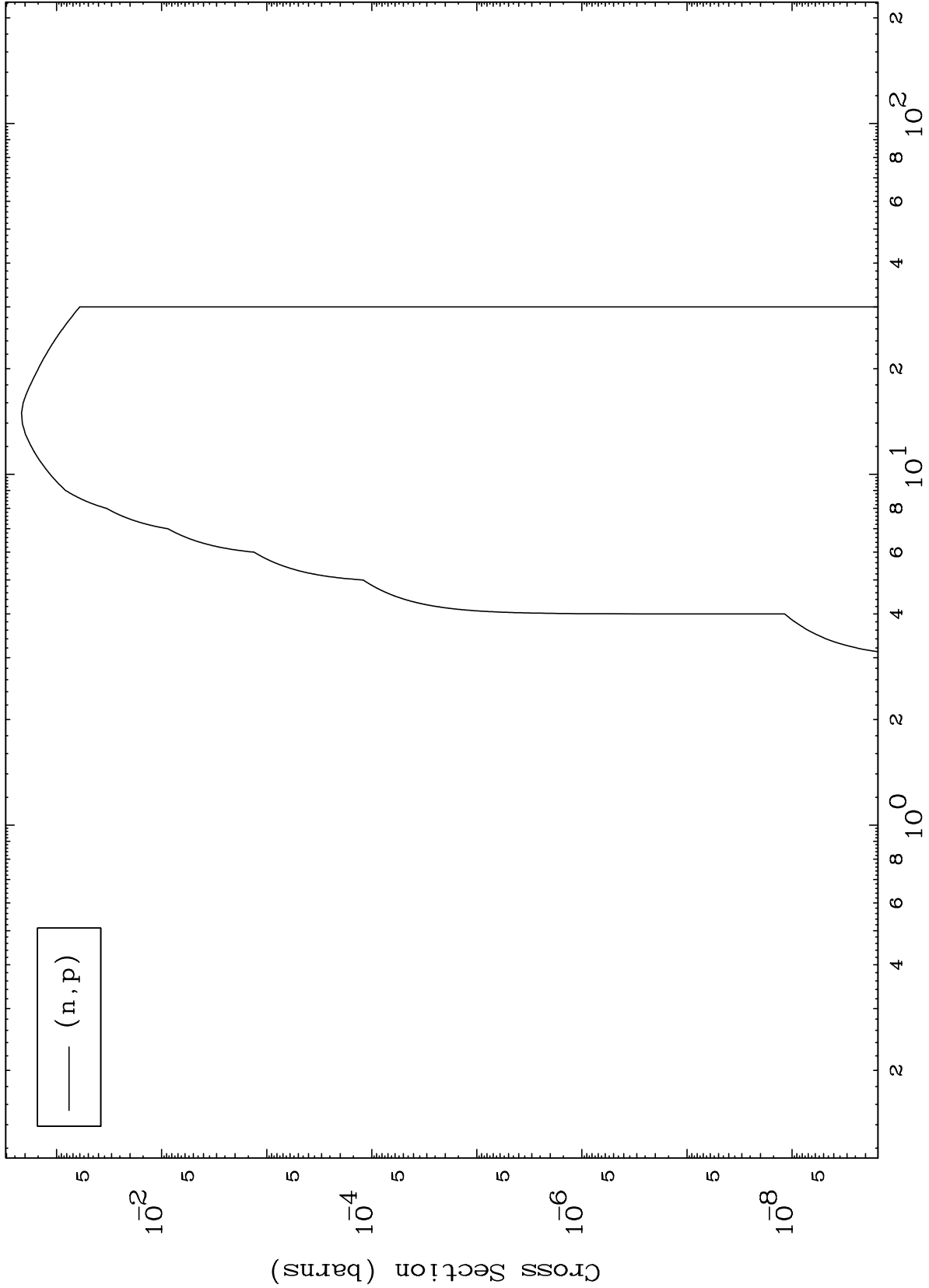


MAT 6798

(d,p) Levels

68-Er-153

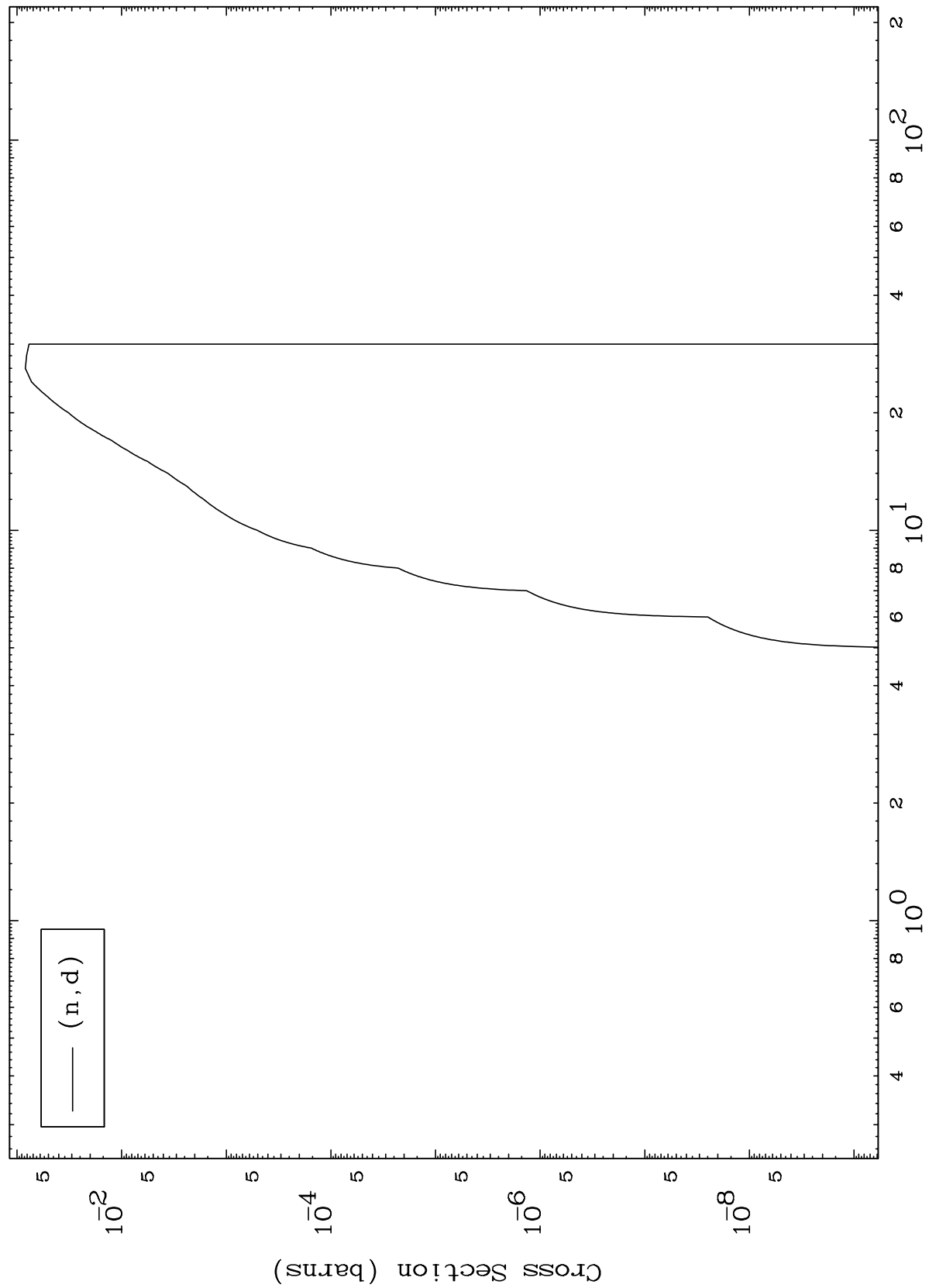
0 Kelvin Cross Sections



MAT 6798

68-Er-153

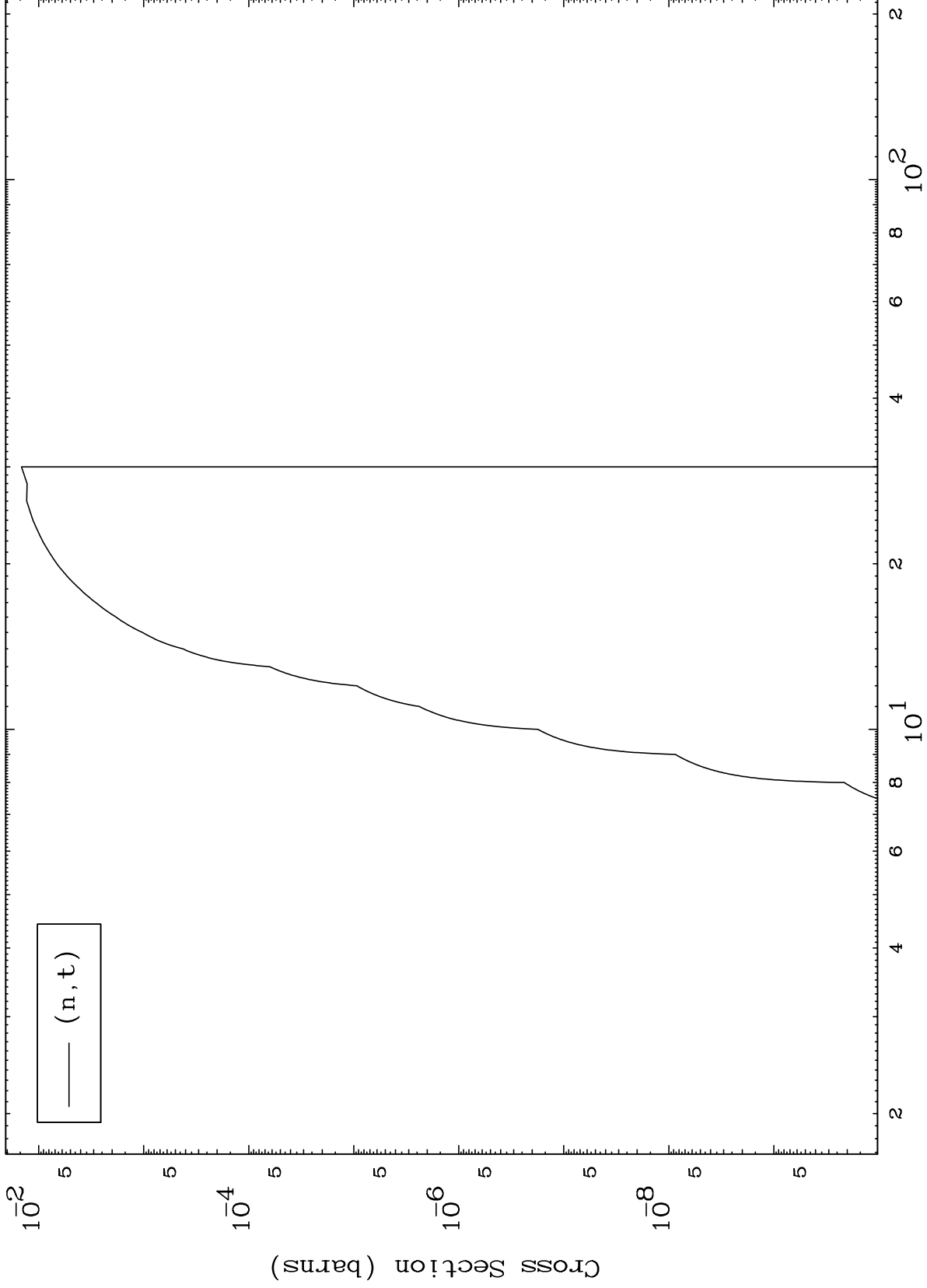
(d,d) Levels
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

68-Er-153



10

Incident Energy (MeV)

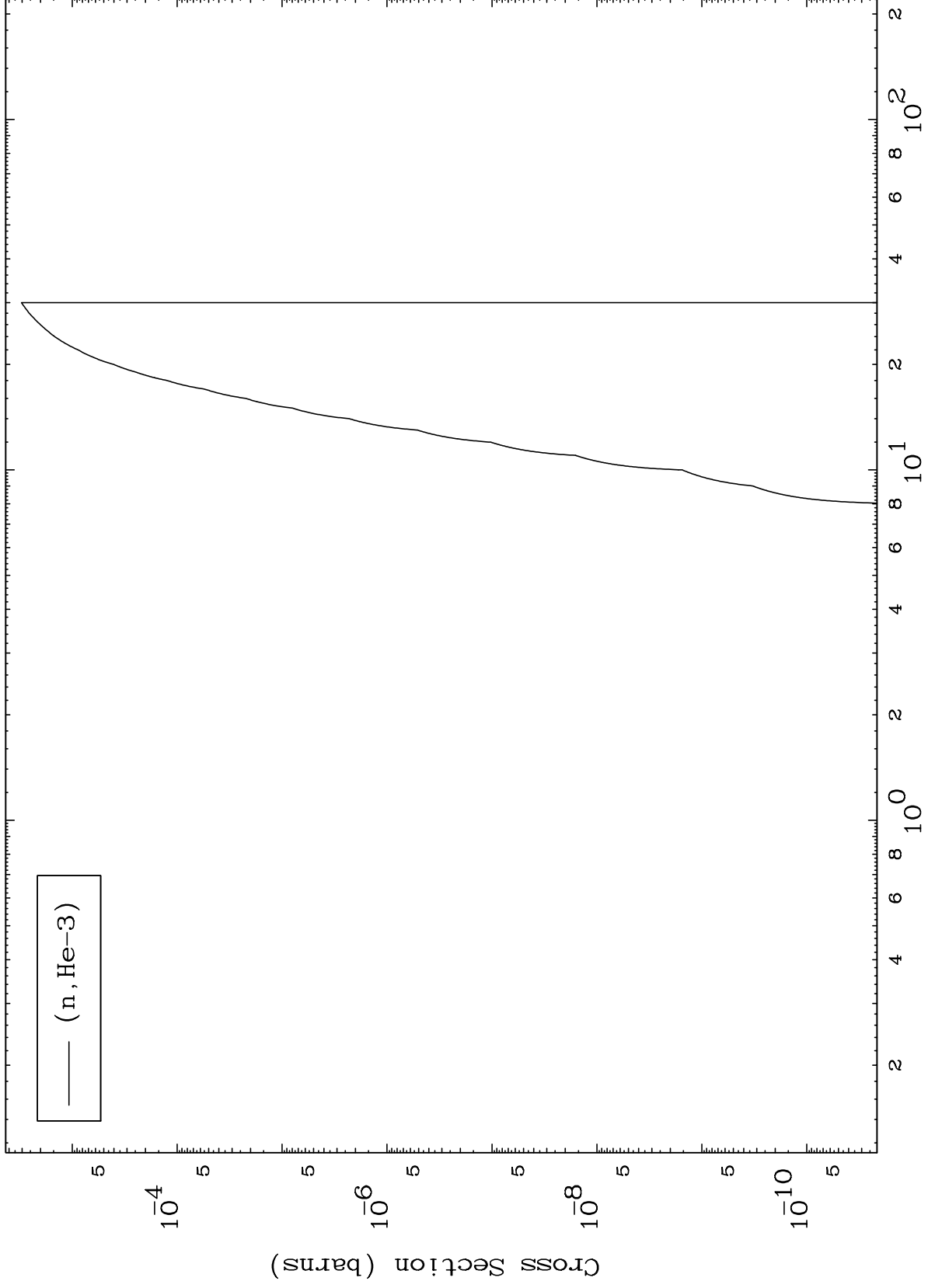
68-Er-153

MAT 6798

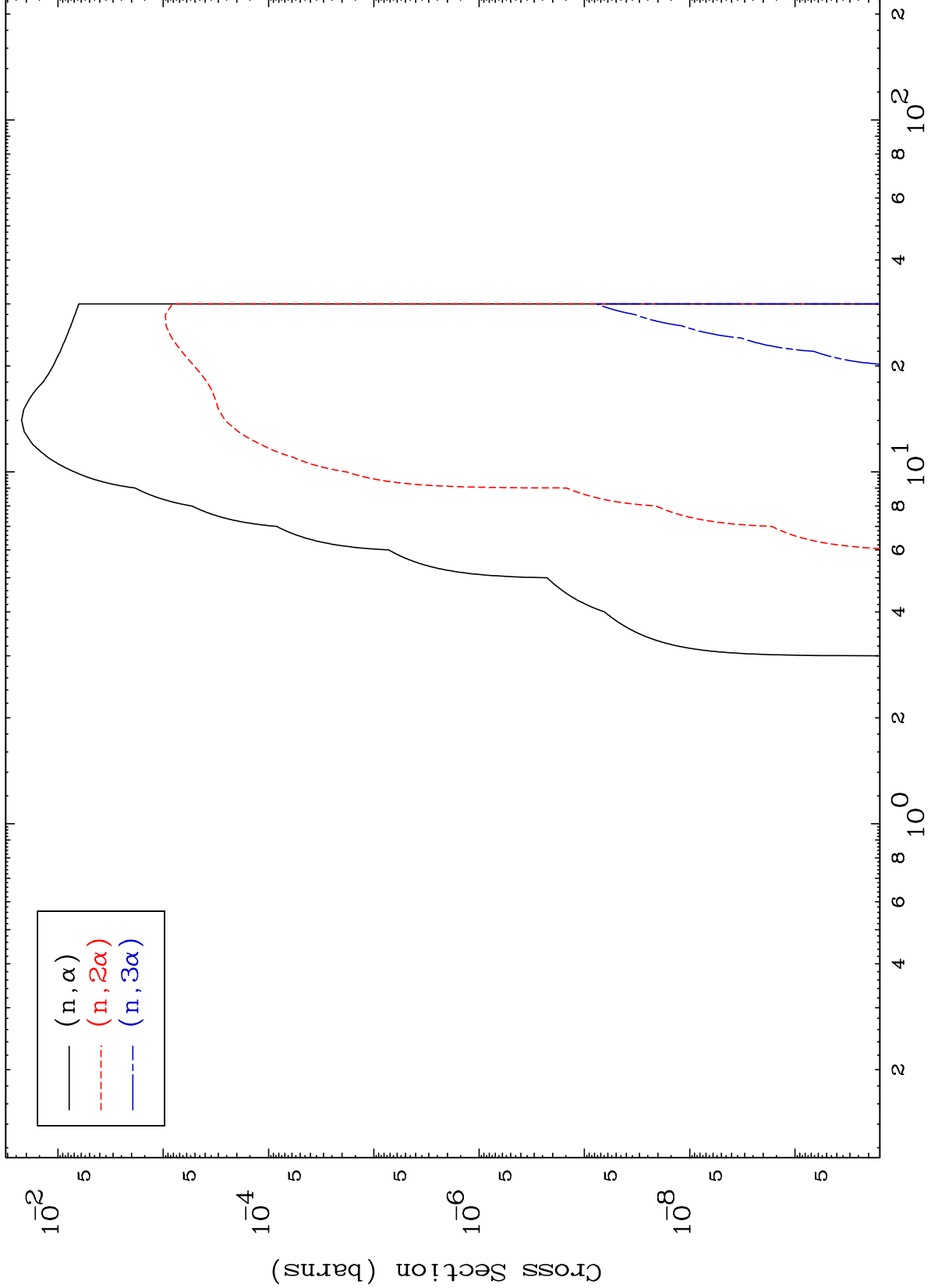
(d,He3) Levels

68-Er-153

0 Kelvin Cross Sections



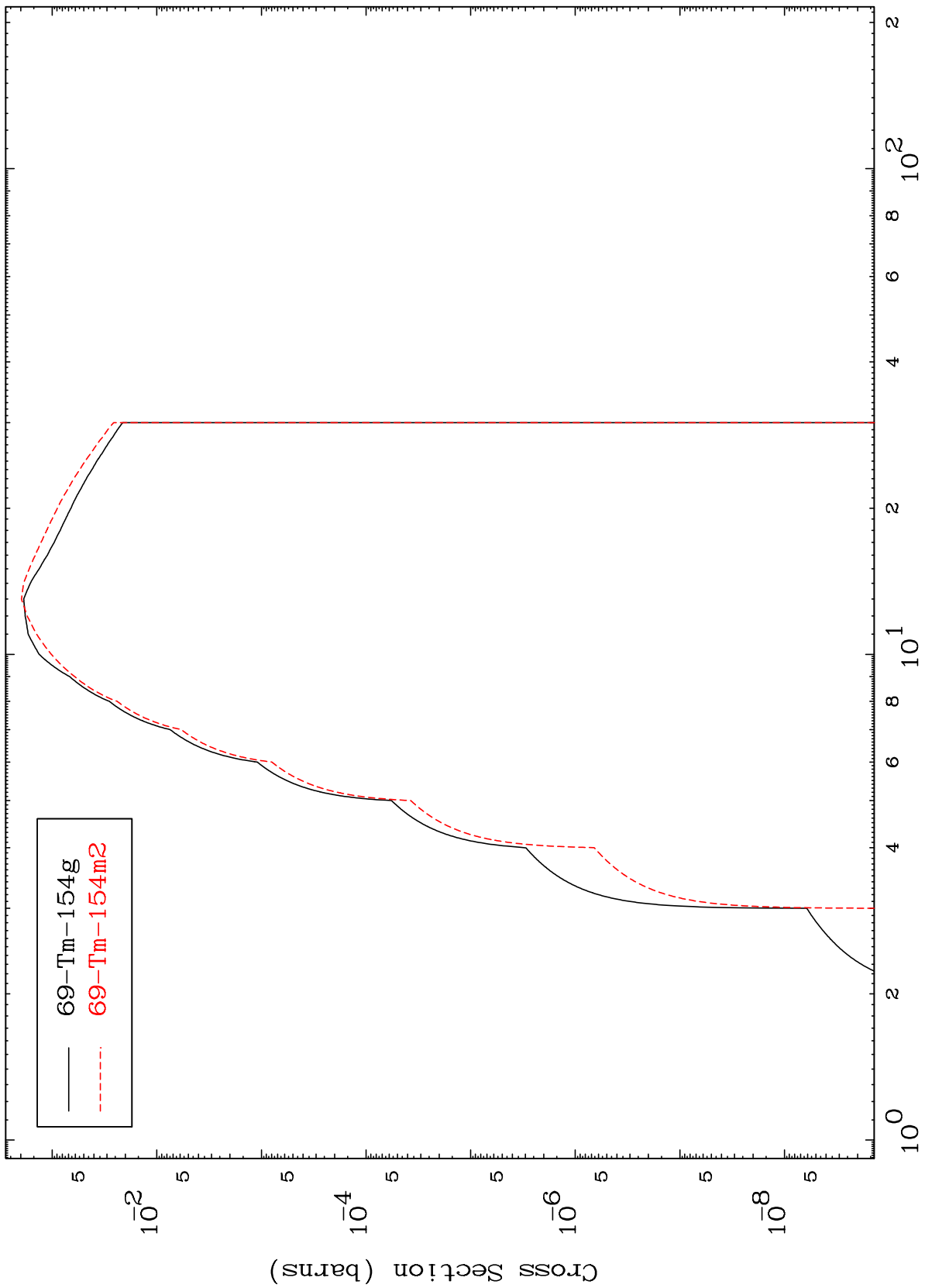
0 Kelvin Cross Sections



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68-Er-153

Inelastic
Radionuclide Production Cross Section



— 69-Tm-154g
- - - 69-Tm-154m2

Incident Energy (MeV)

68-Er-153

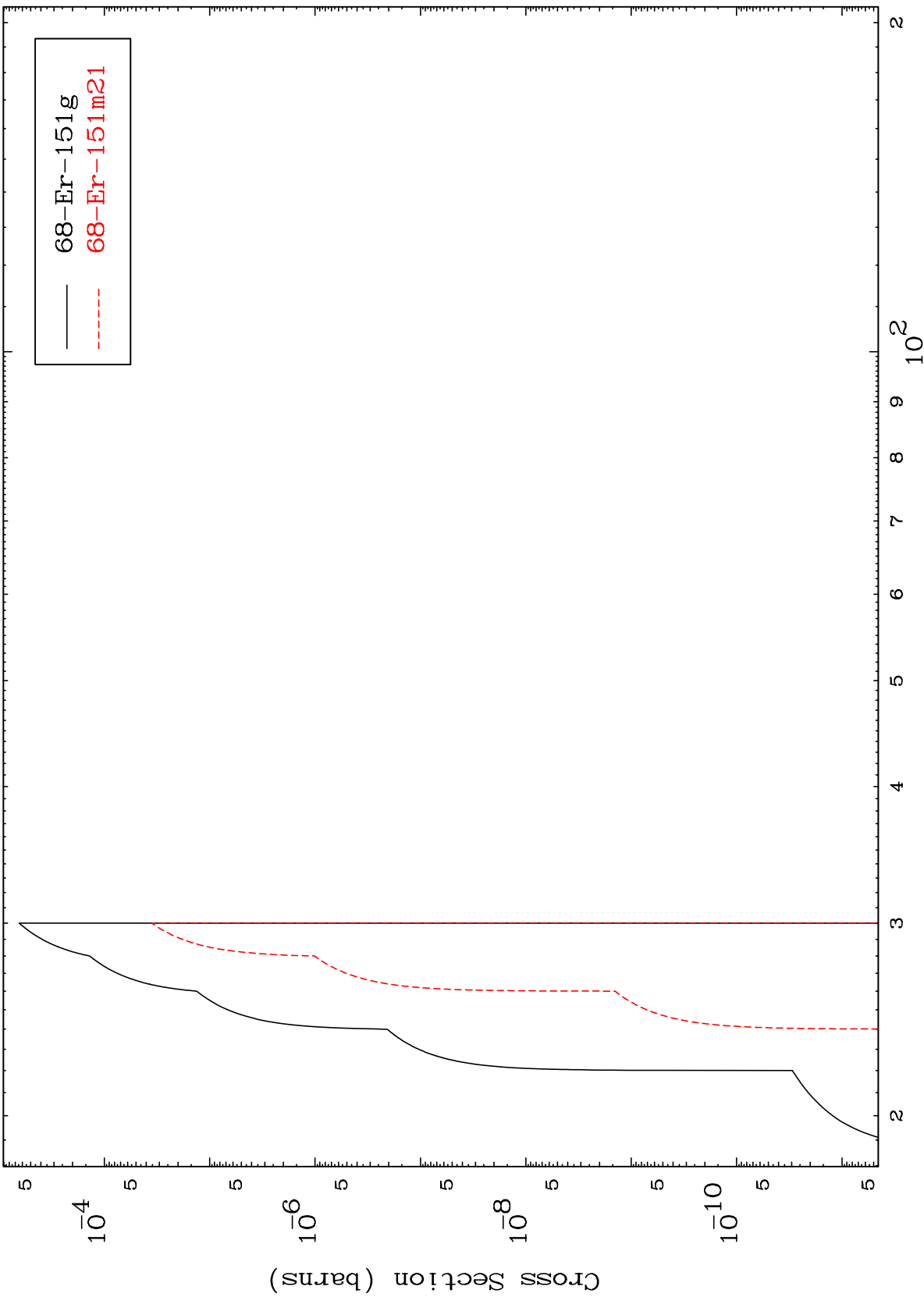
13

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(n,2n) d

68-Er-153

Radionuclide Production Cross Section



14

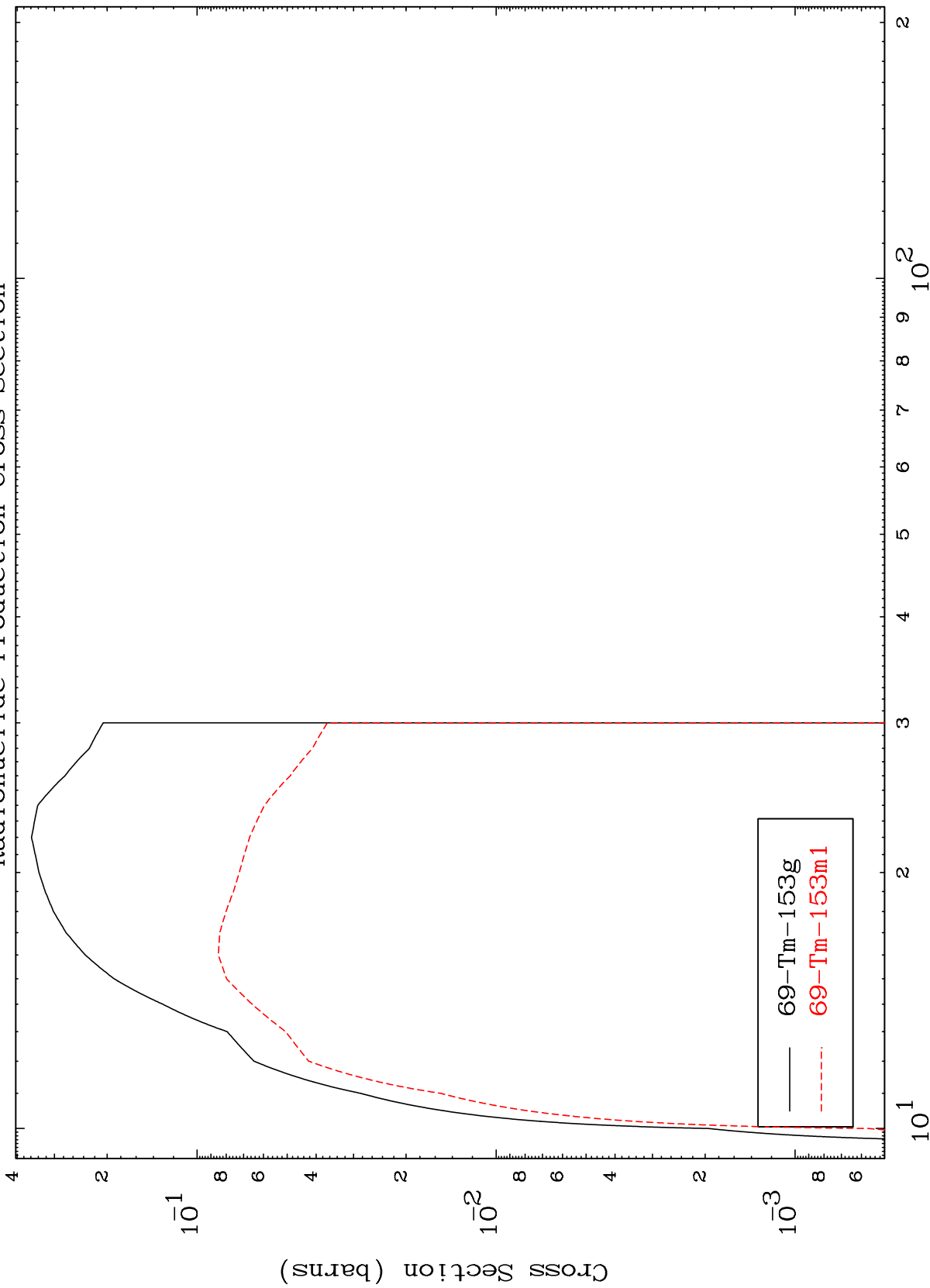
Incident Energy (MeV)

68-Er-153

MAT 6798

68-Er-153

Radionuclide Production Cross Section
(n,2n)



68-Er-153

Incident Energy (MeV)

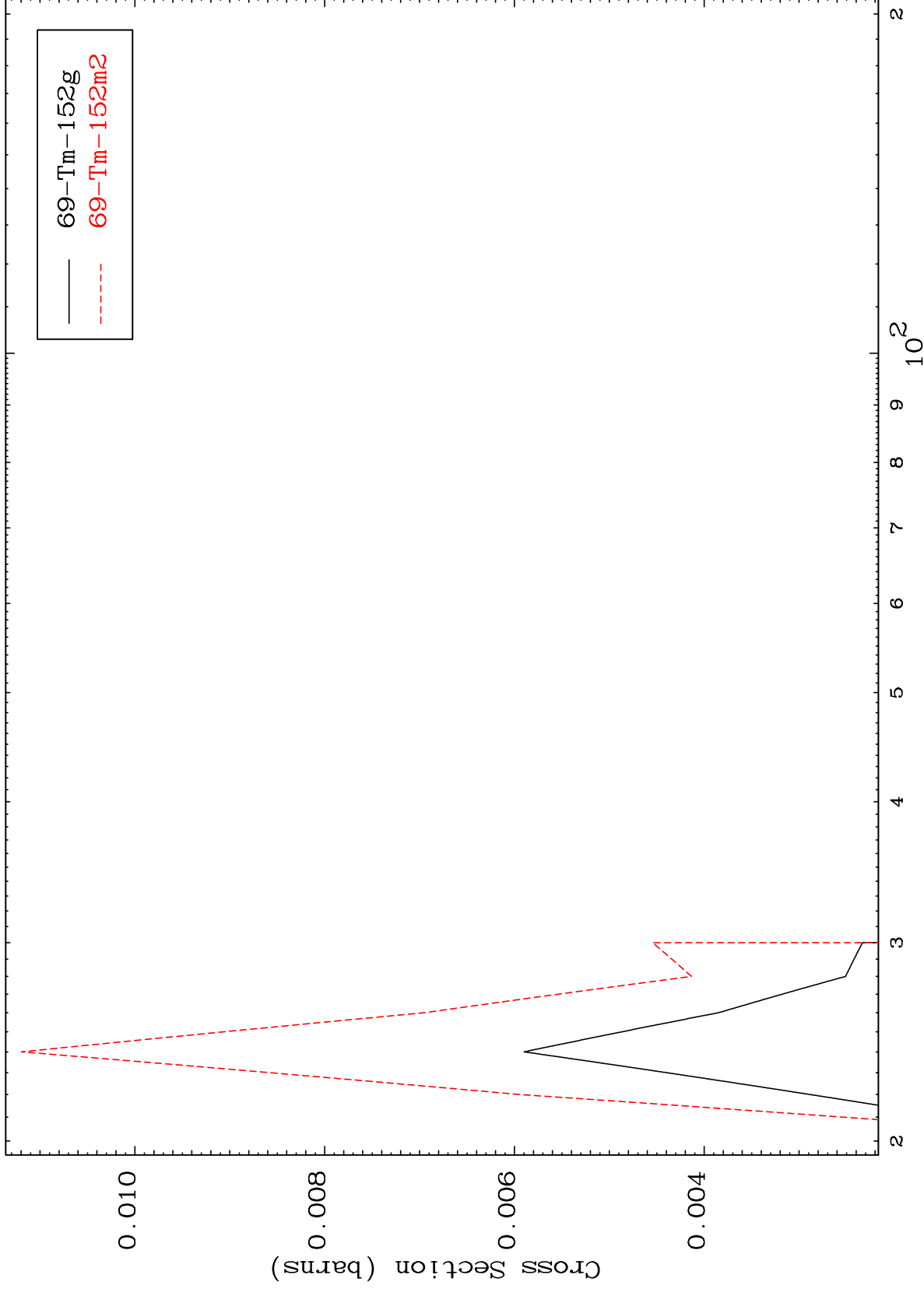
15

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(n,3n)

68-Er-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

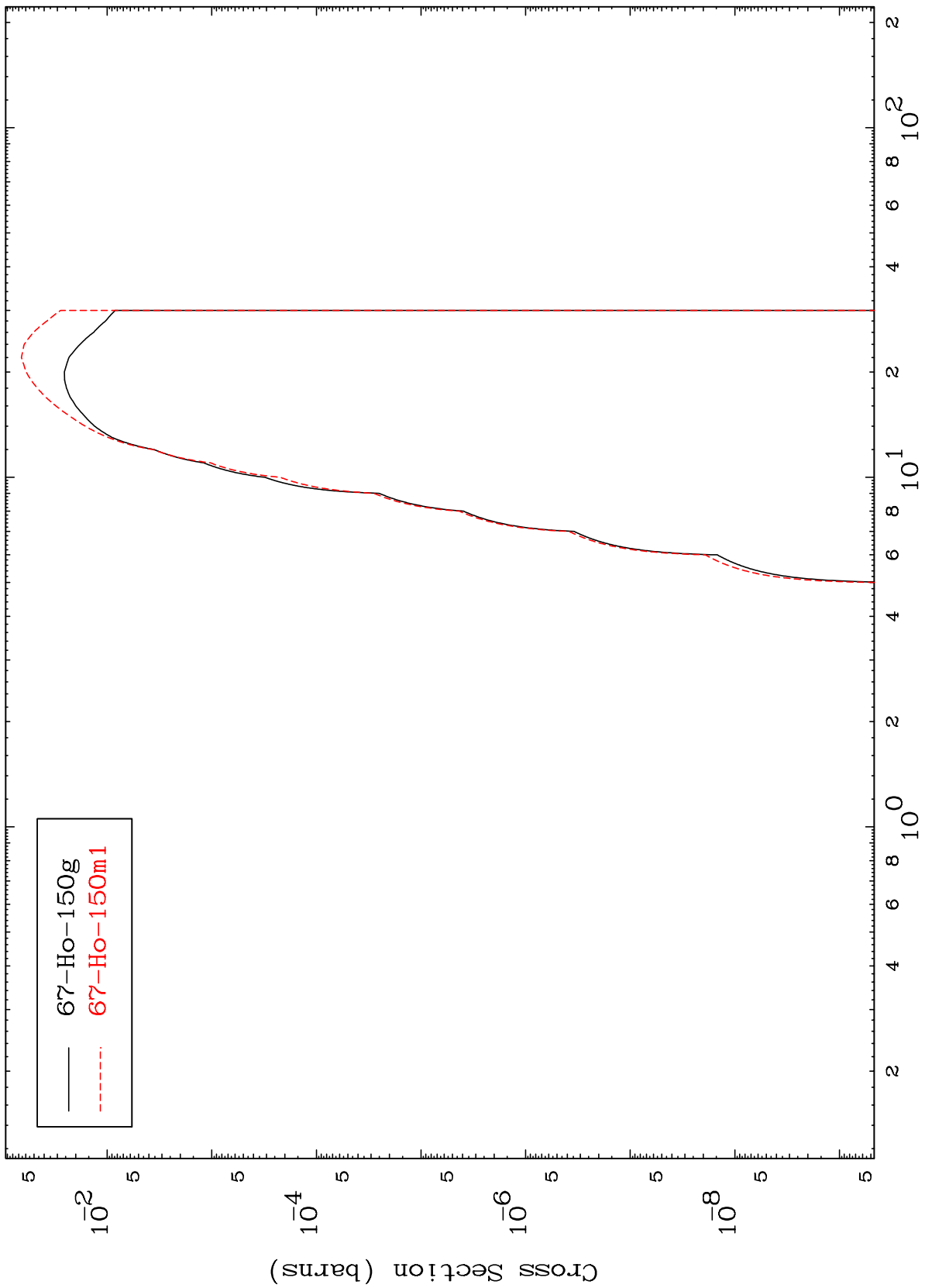
68-Er-153

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$(n, n') \alpha$

68-Er-153

Radionuclide Production Cross Section



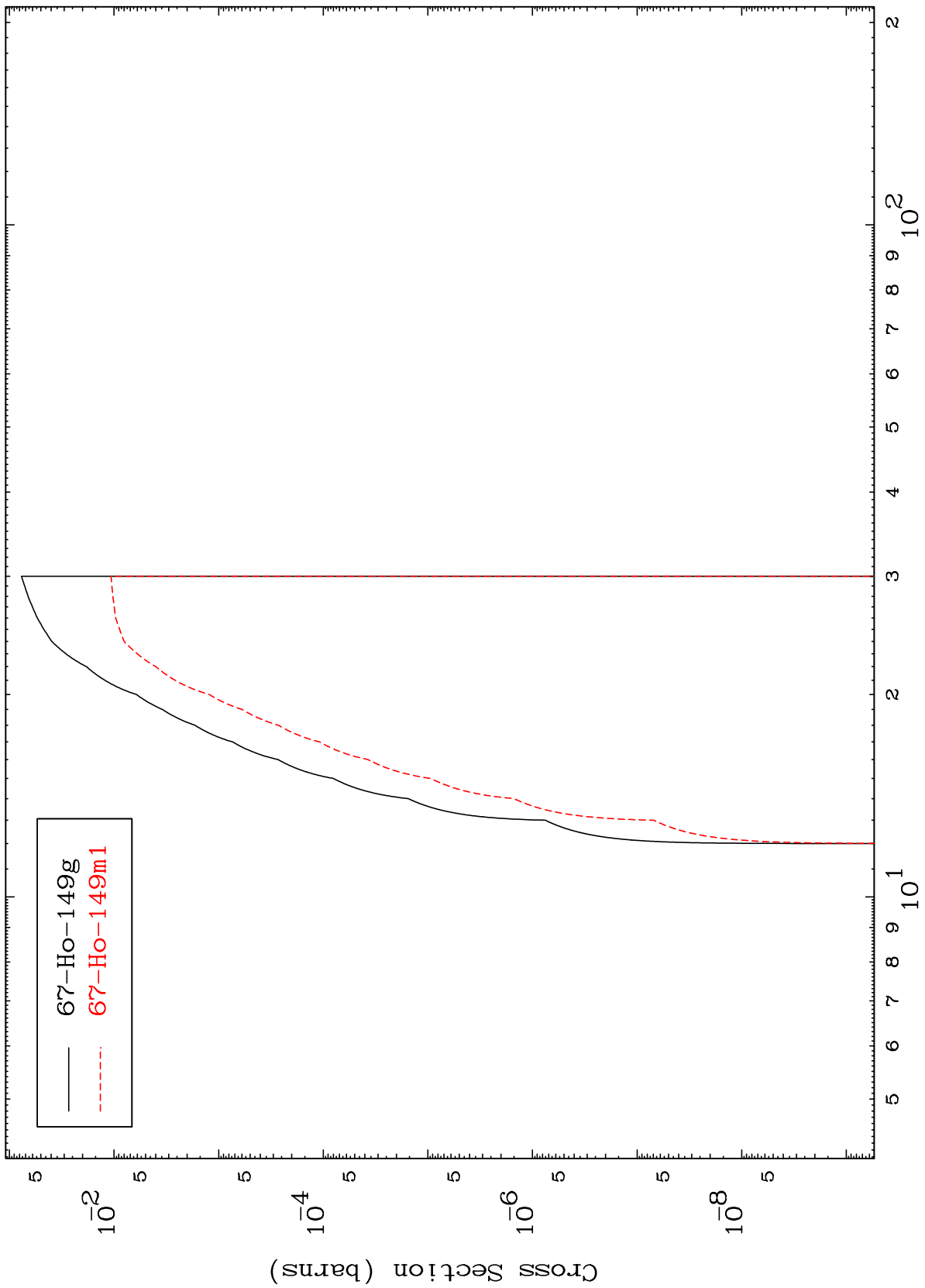
67-Ho-150g
67-Ho-150m1

MAT 6798

(n,2n) α

68-Er-153

Radionuclide Production Cross Section

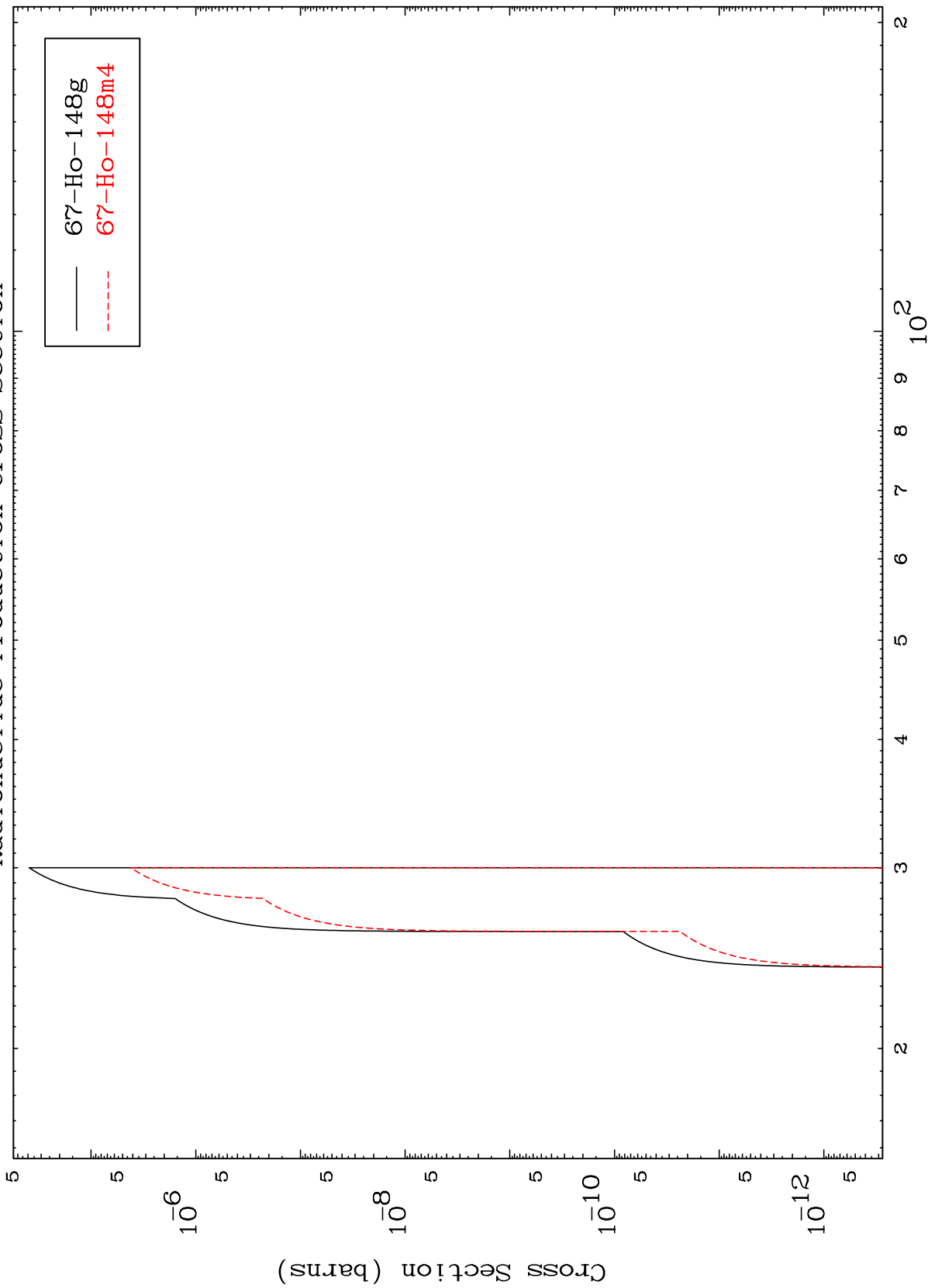


18

Incident Energy (MeV)

68-Er-153

Radionuclide Production Cross Section

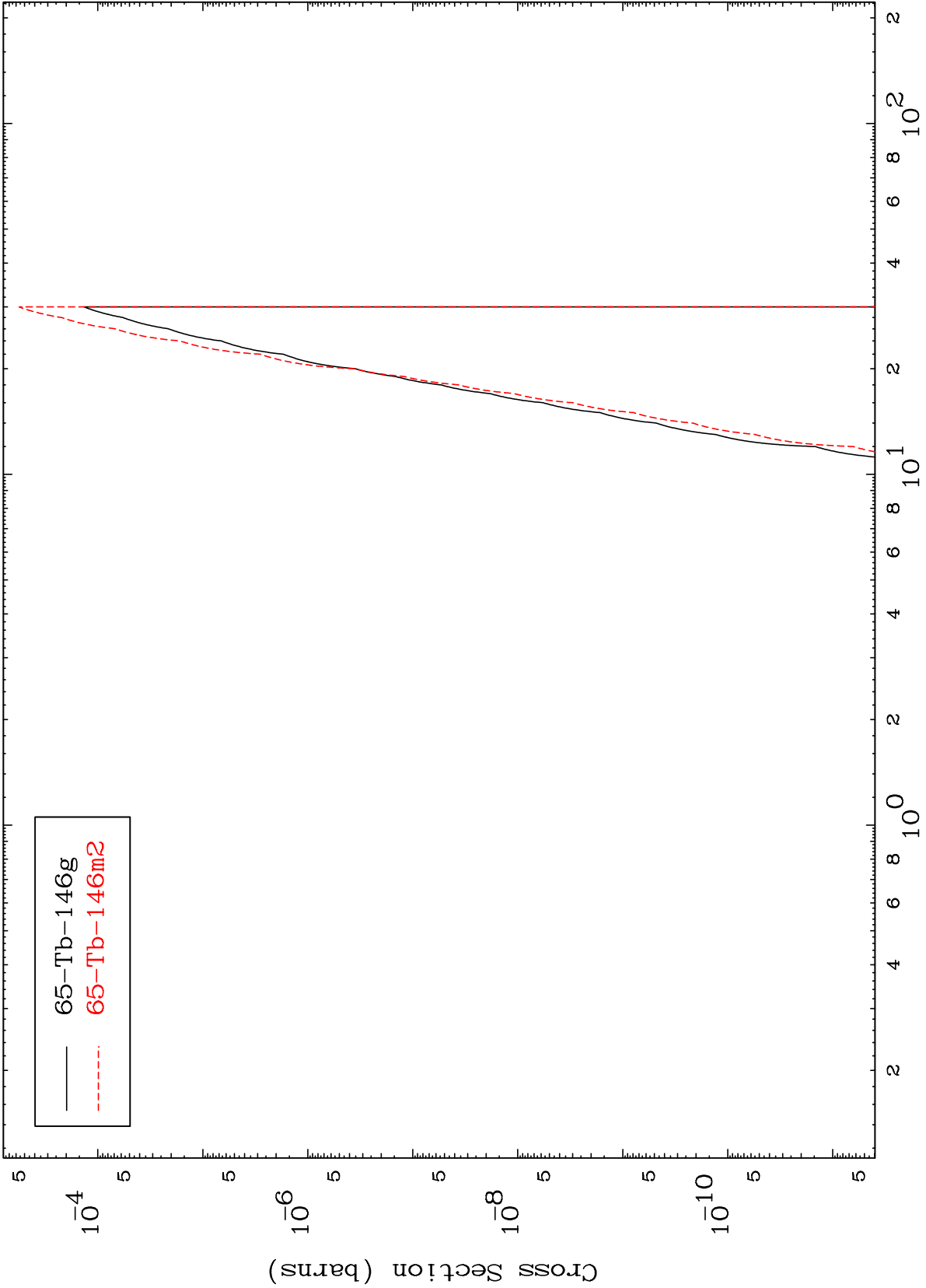


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(n,n') 2α

68-Er-153

Radionuclide Production Cross Section

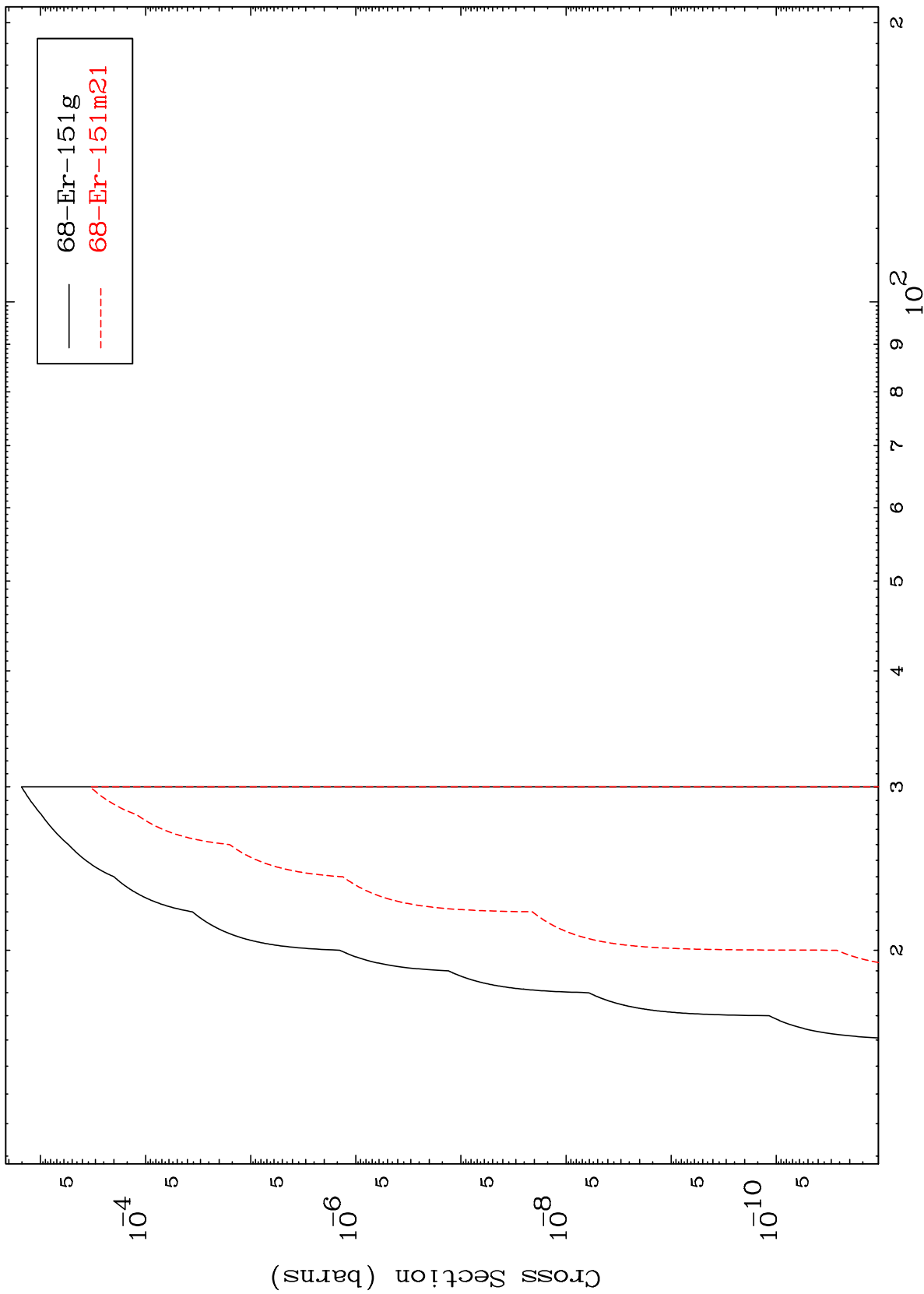


20

Incident Energy (MeV)

68-Er-153

Radionuclide Production Cross Section

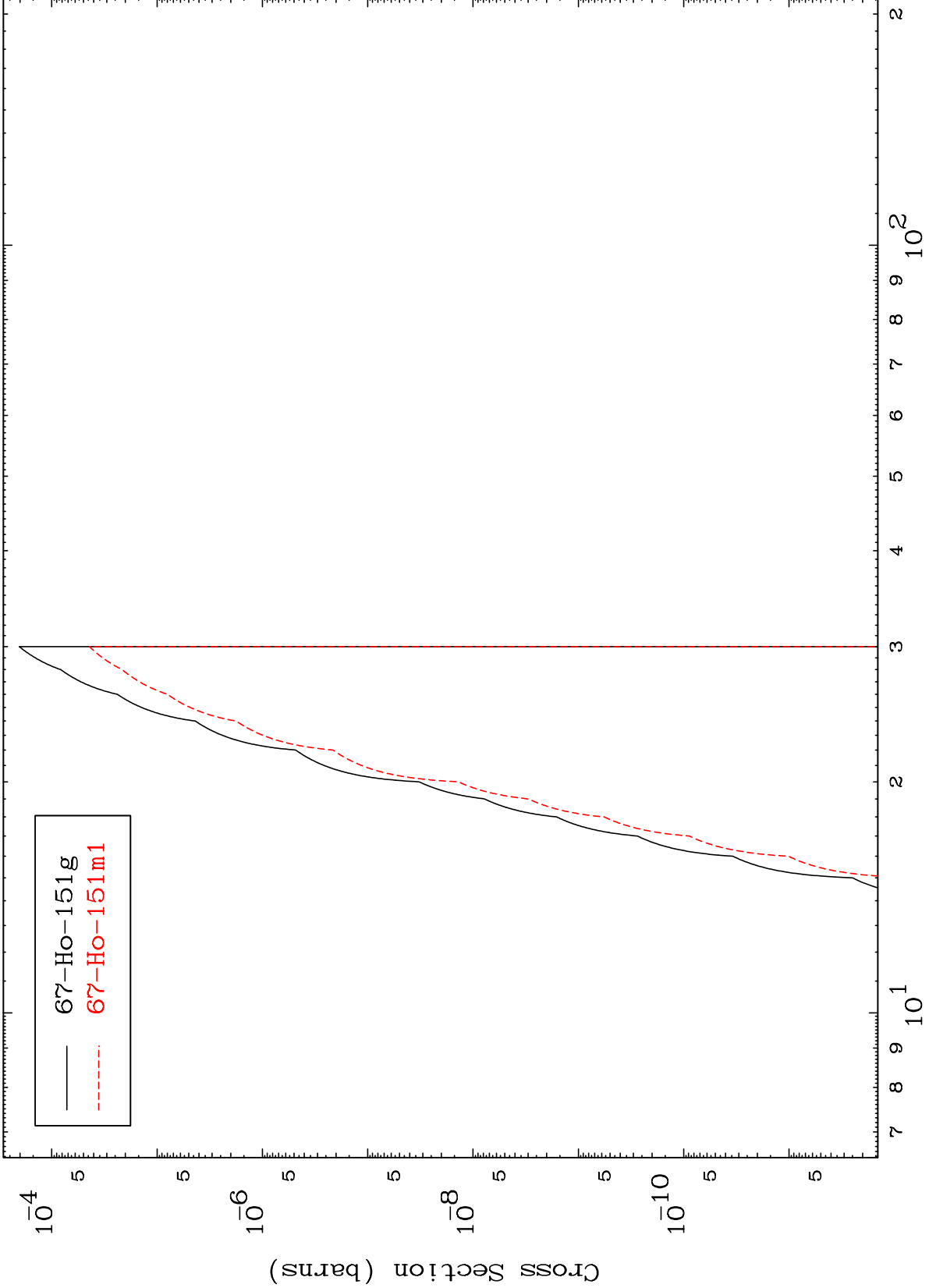


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(n,n') He-3

68-Er-153

Radionuclide Production Cross Section

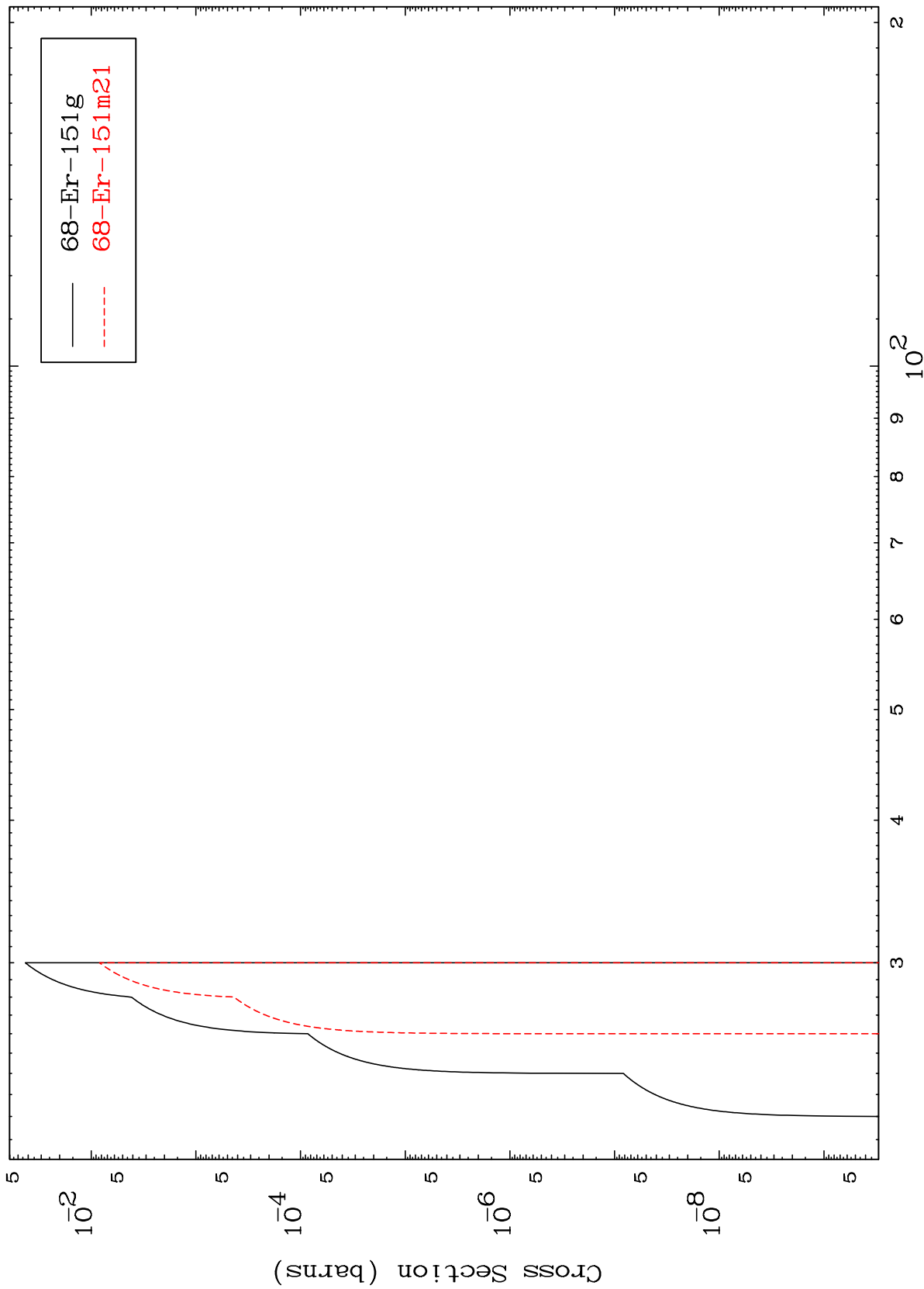


22

Incident Energy (MeV)

68-Er-153

Radionuclide Production Cross Section



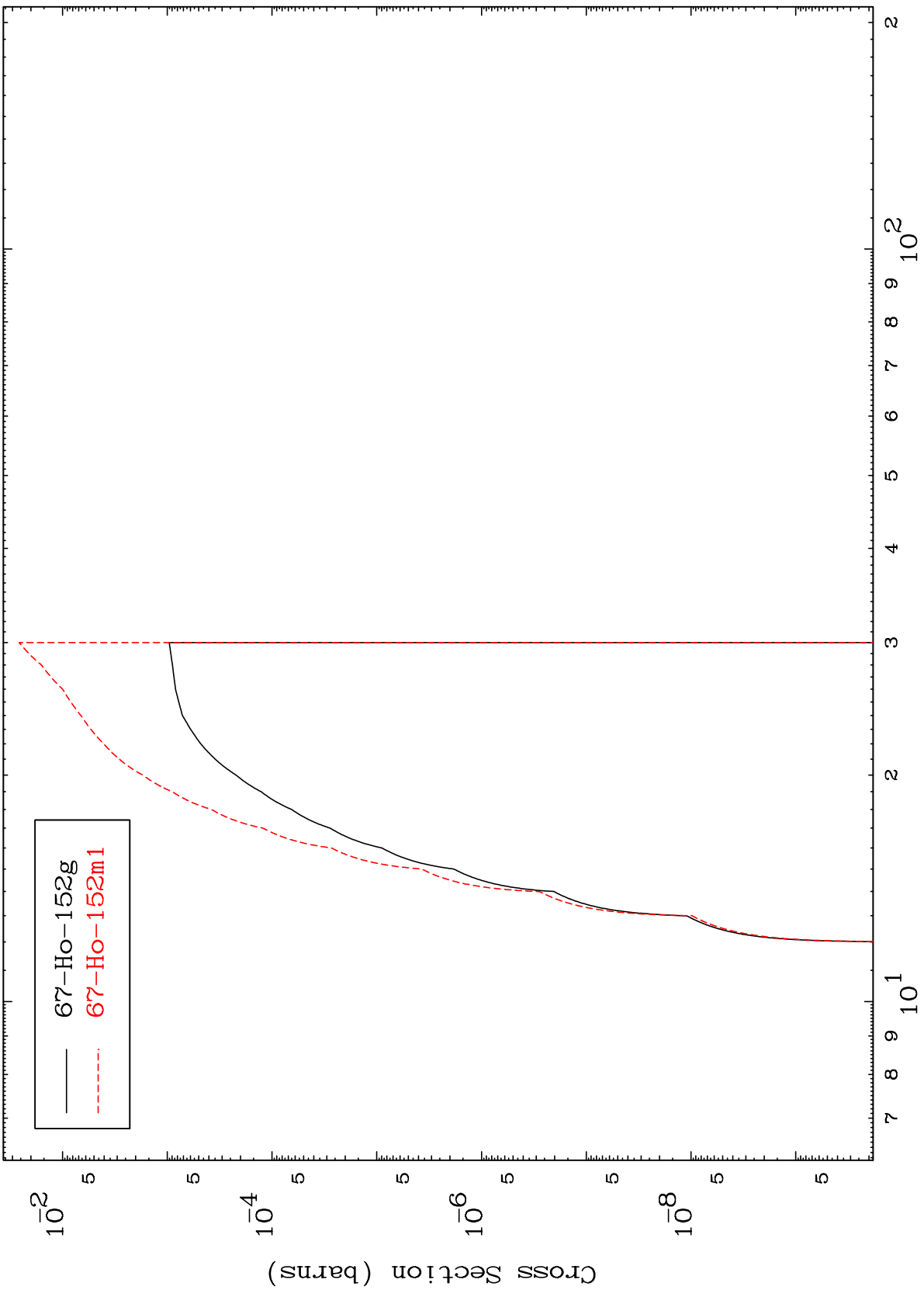
68-Er-151g
68-Er-151m21

MAT 6798

(n,2n) p

68-Er-153

Radionuclide Production Cross Section



67-Ho-152g
67-Ho-152m1

24

Incident Energy (MeV)

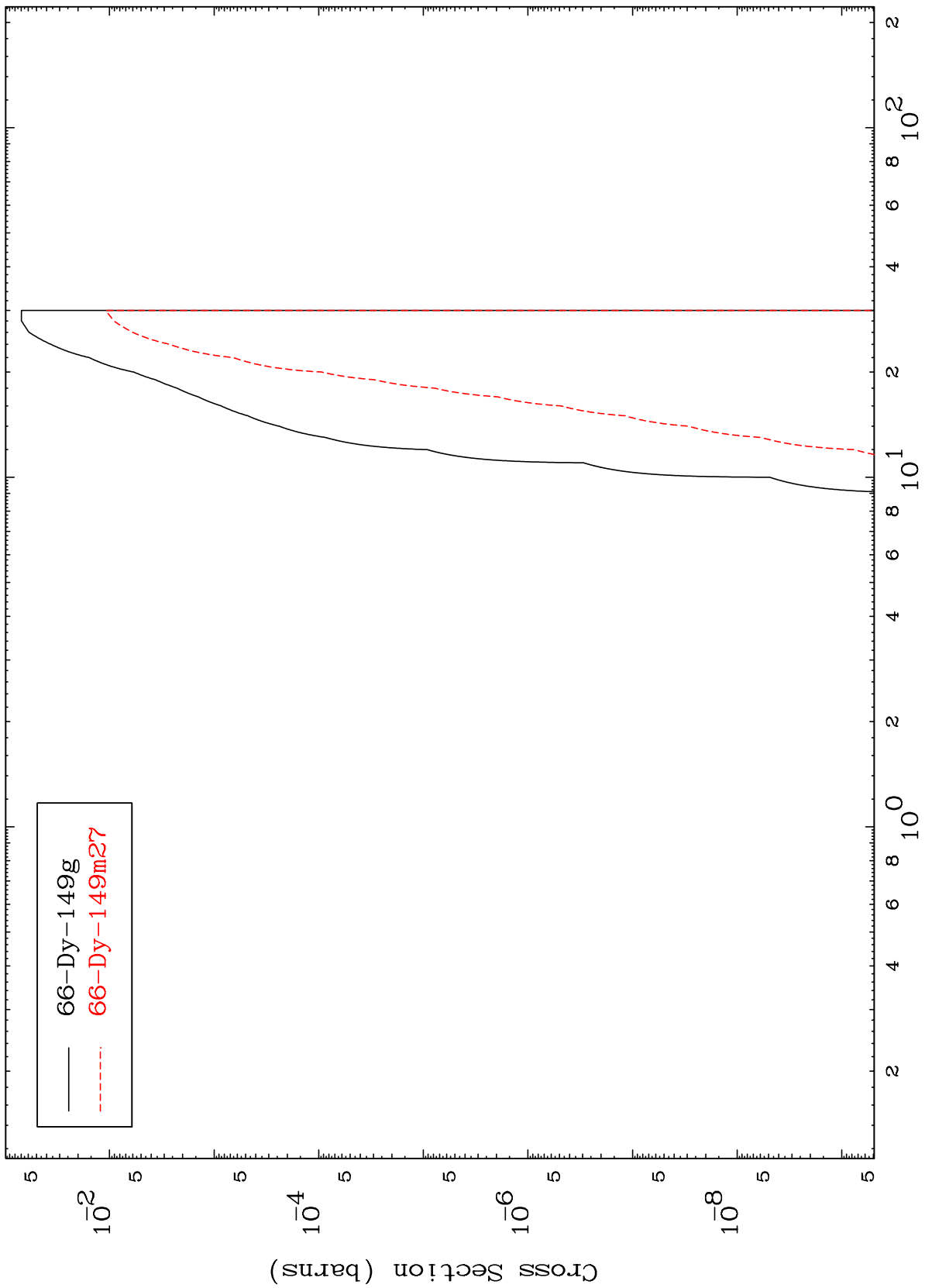
68-Er-153

MAT 6798

(n,n') p α

68-Er-153

Radionuclide Production Cross Section



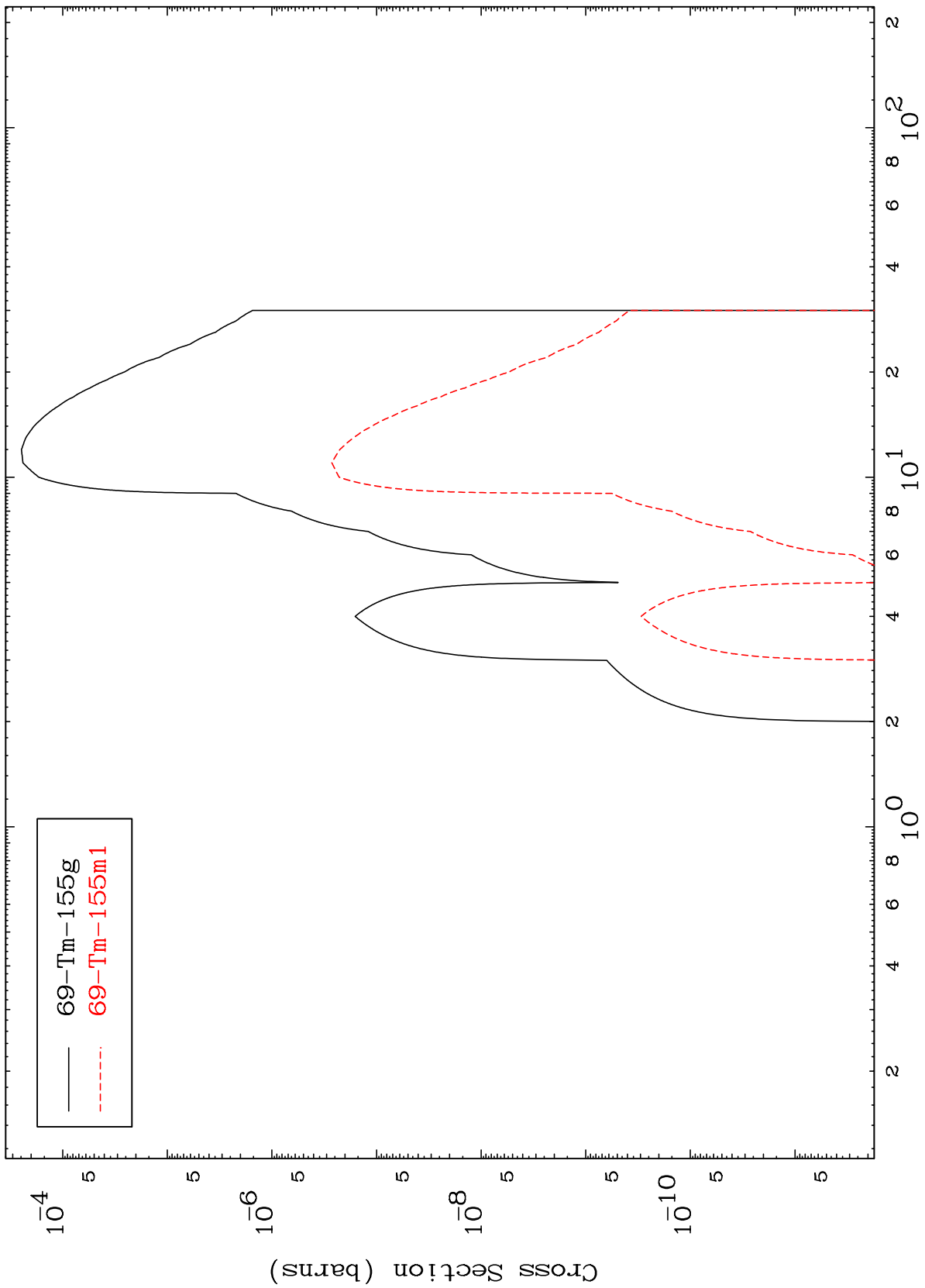
25

68-Er-153

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68-Er-153

(n, γ)
Radionuclide Production Cross Section

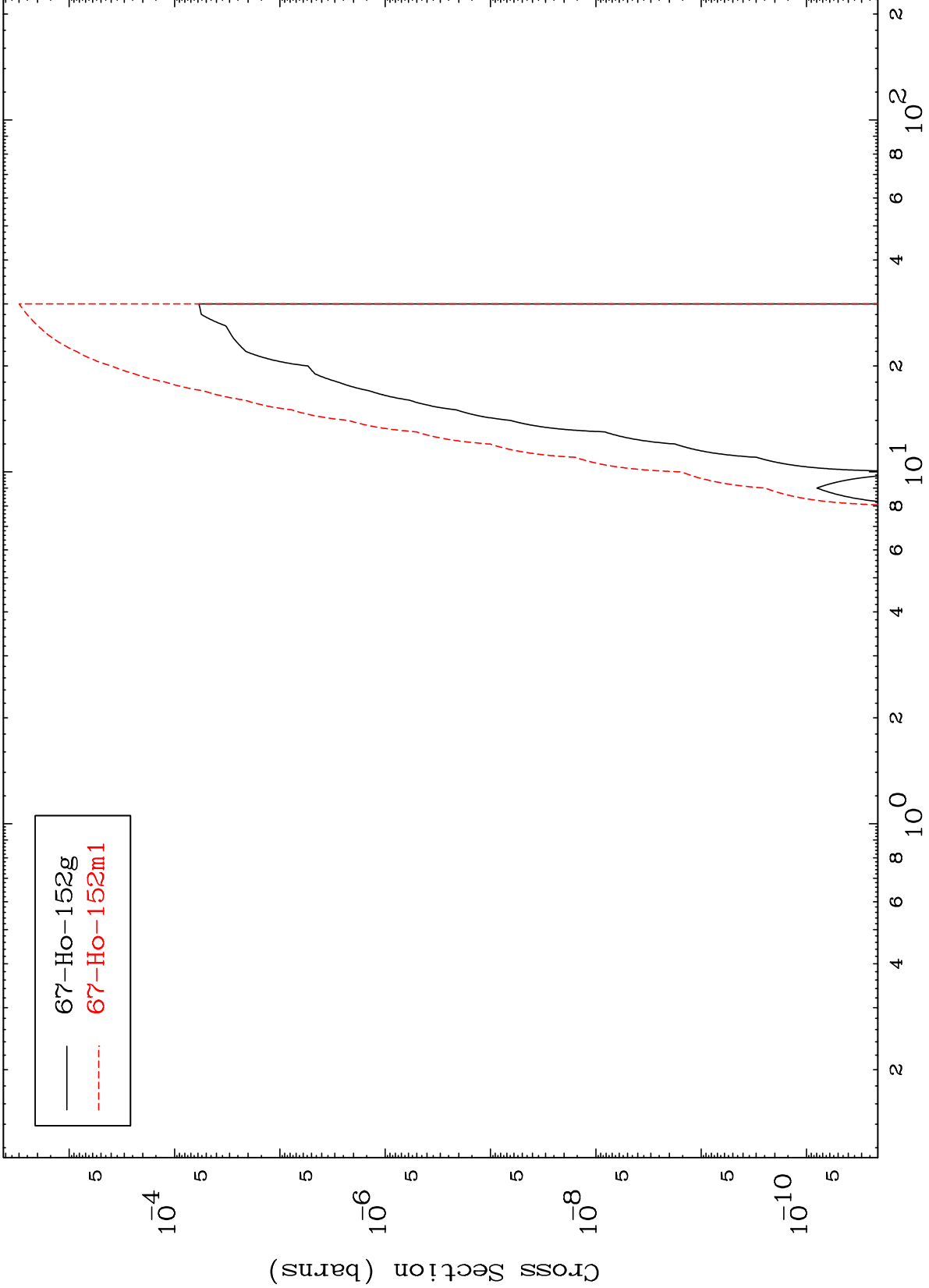


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(n,He-3)

68-Er-153

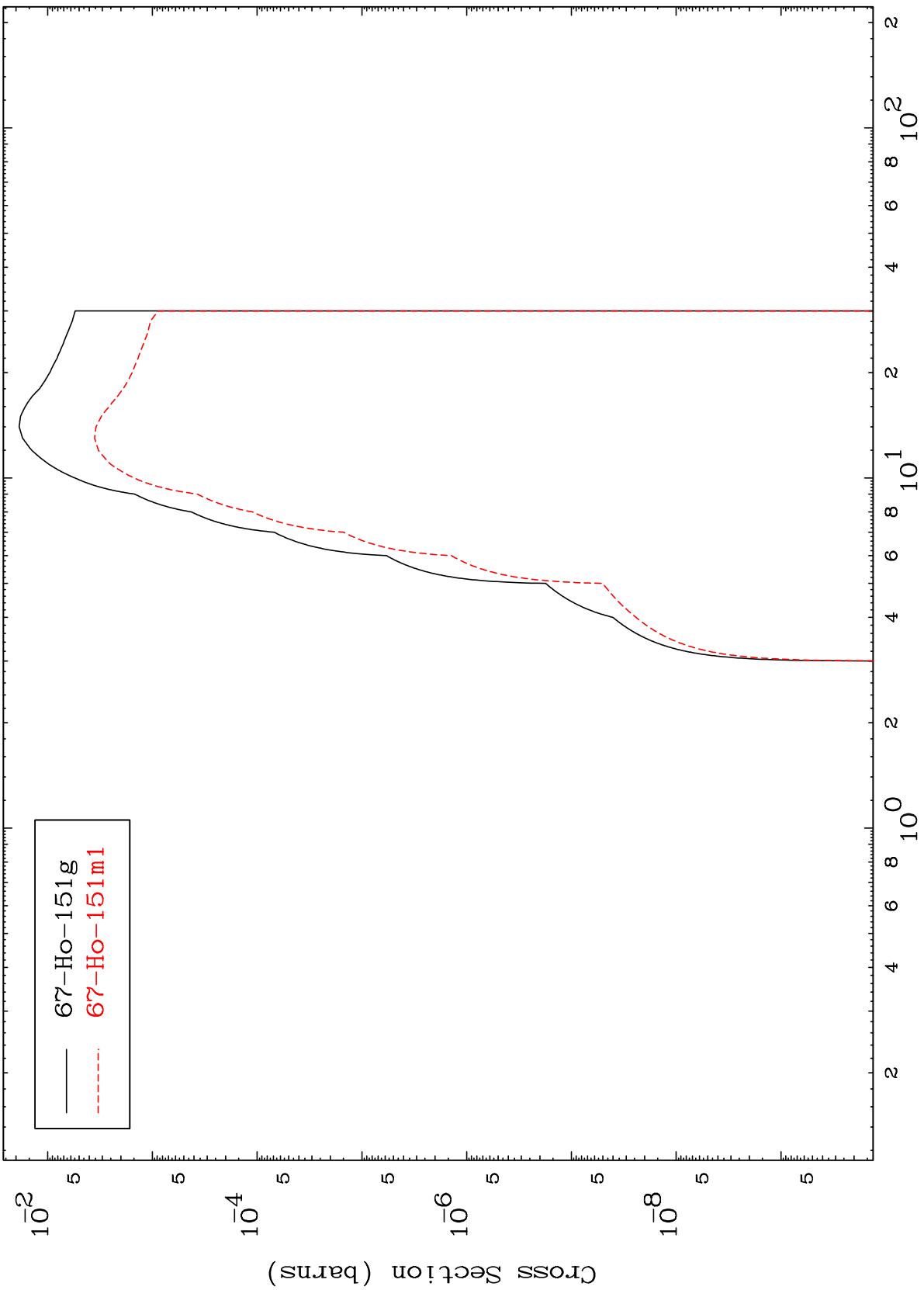
Radionuclide Production Cross Section



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68-Er-153

Radionuclide Production Cross Section
(n, α)



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

68-Er-153

Incident Energy (MeV)

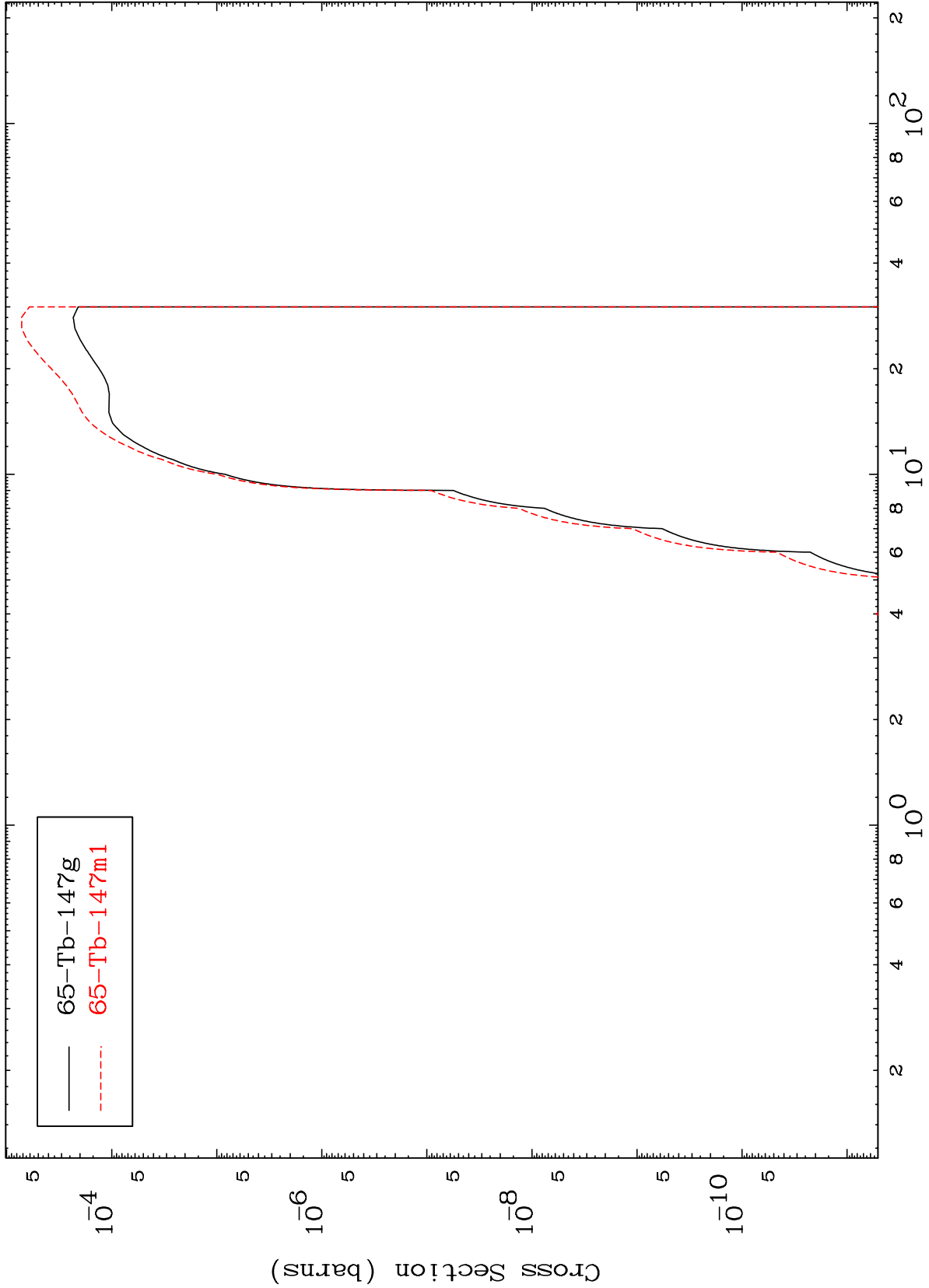
28

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(n,2α)

68-Er-153

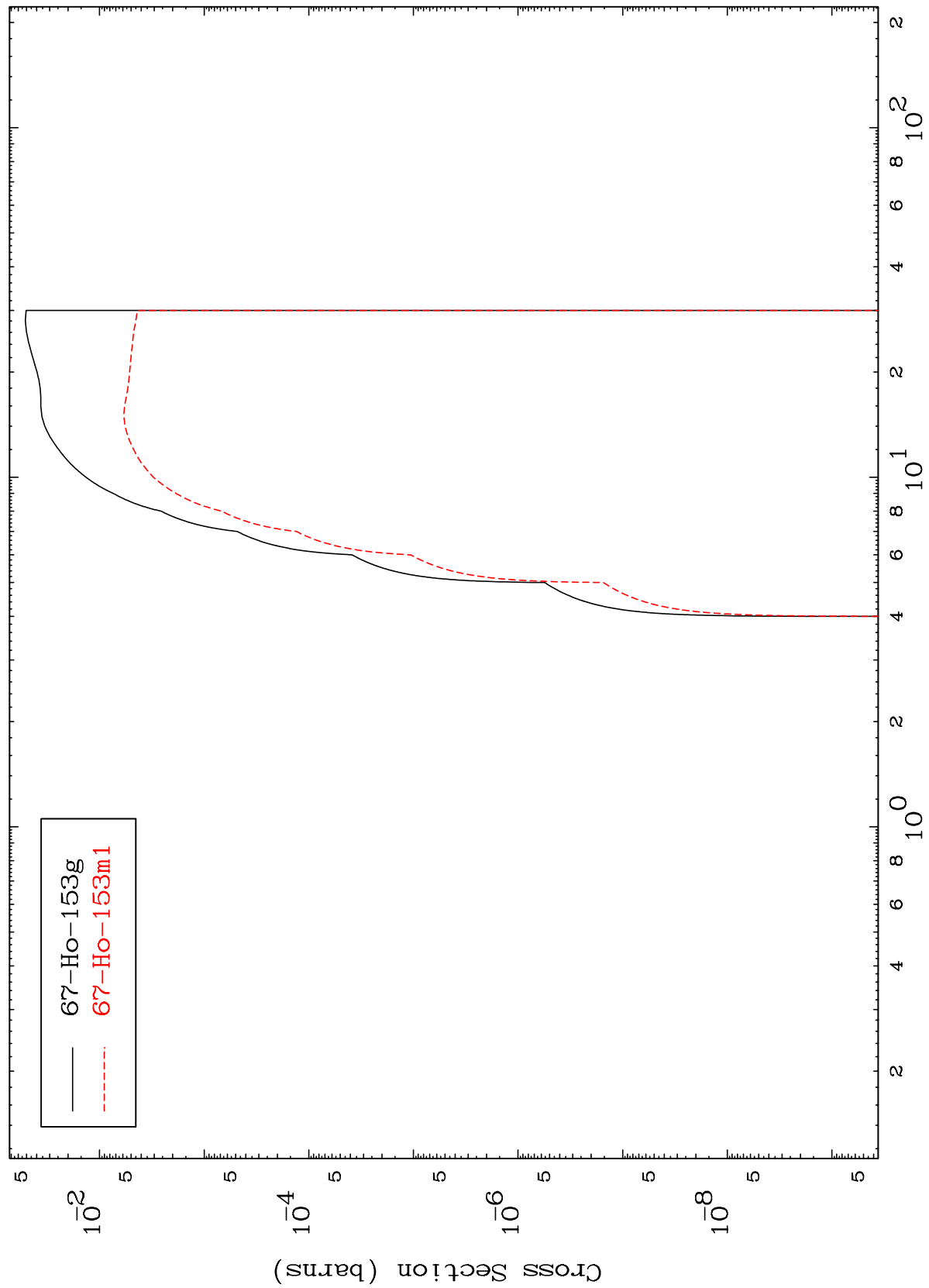
Radionuclide Production Cross Section



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68-Er-153

(n,2p)
Radionuclide Production Cross Section



68-Er-153

Incident Energy (MeV)

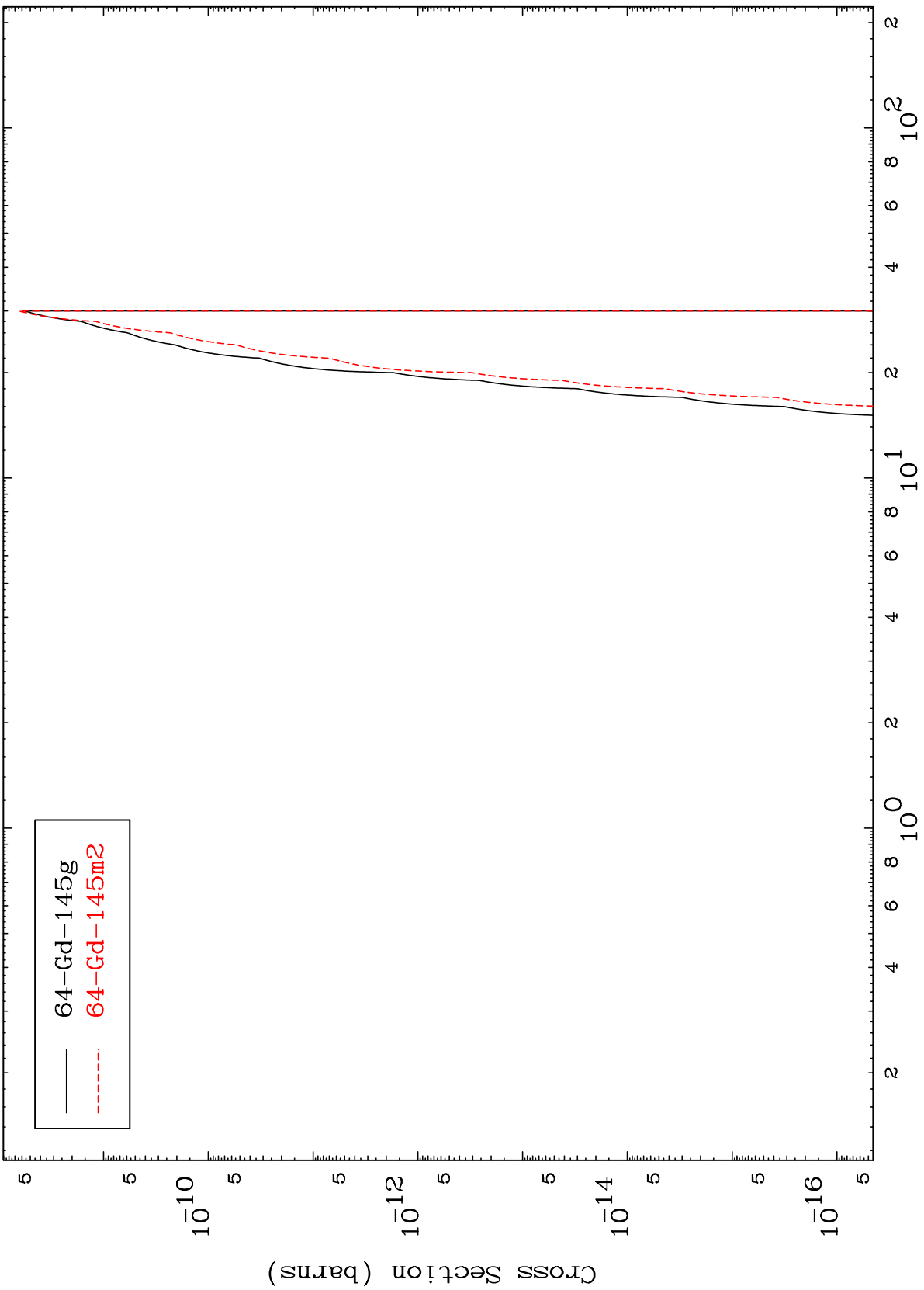
30

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(n,d) 2 α

68-Er-153

Radionuclide Production Cross Section



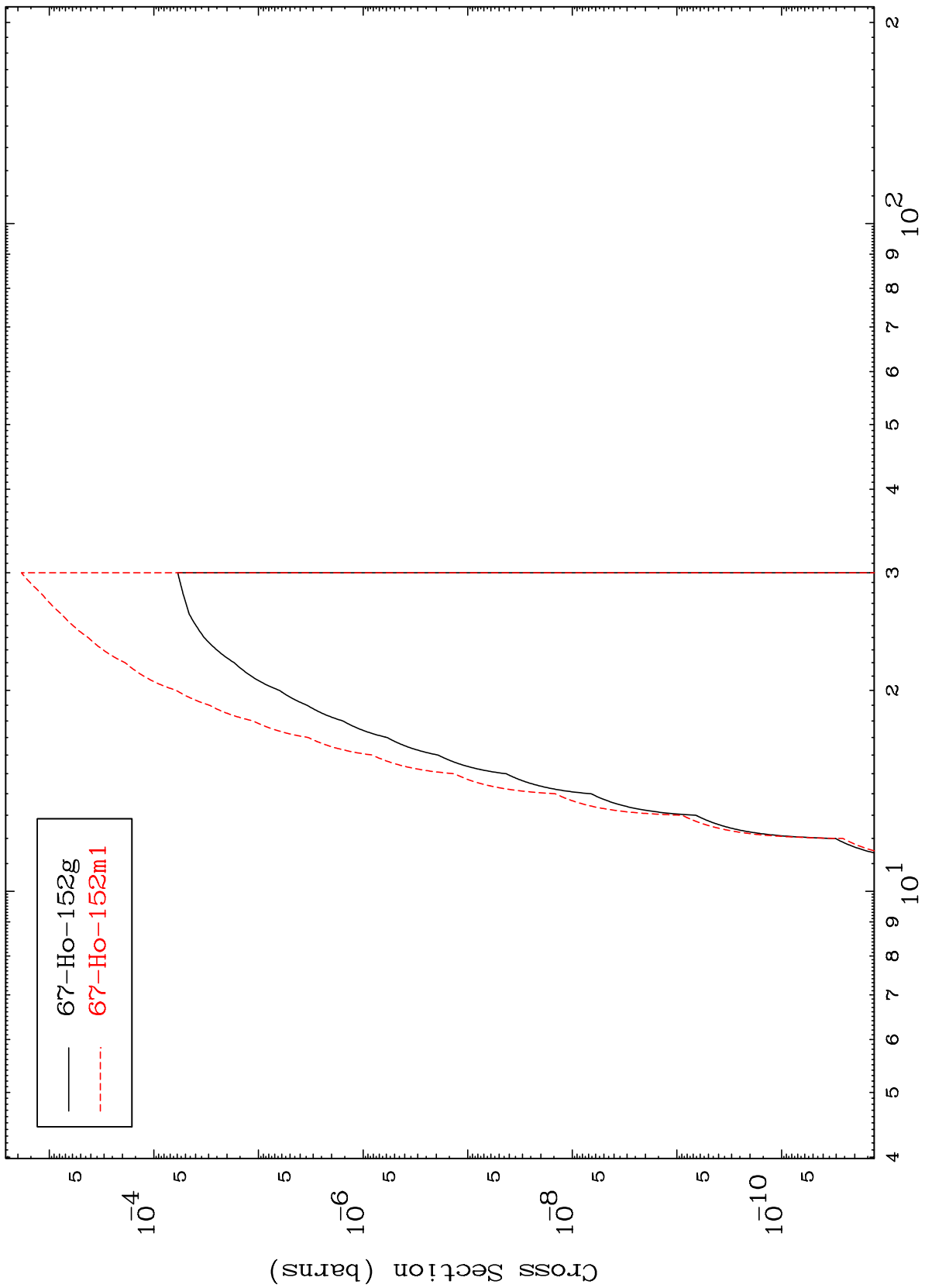
64-Gd-145g
64-Gd-145m2

MAT 6798

(n,p) d

68-Er-153

Radionuclide Production Cross Section



32

Incident Energy (MeV)

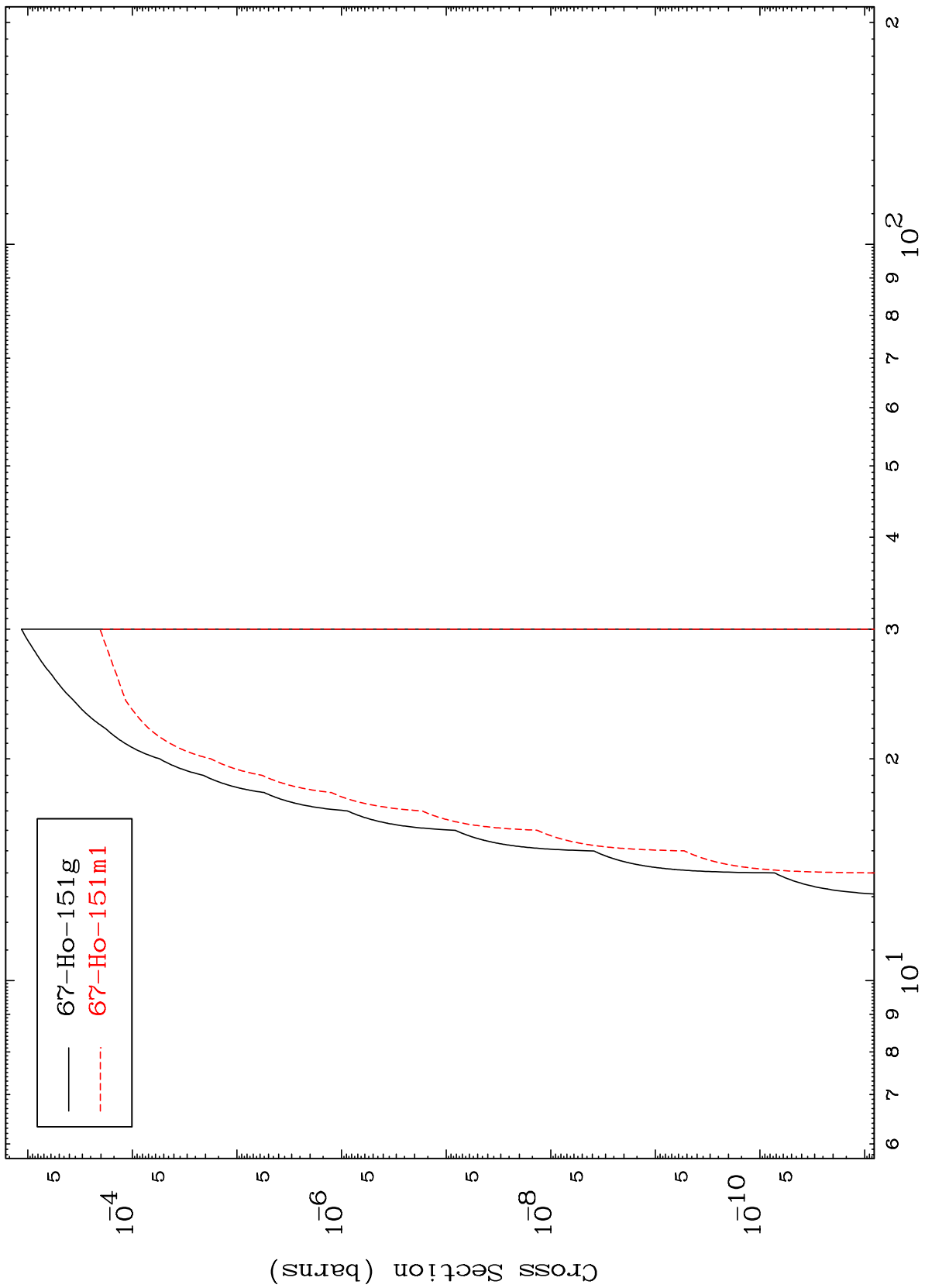
68-Er-153

MAT 6798

(n,p) t

68-Er-153

Radionuclide Production Cross Section



33

Incident Energy (MeV)

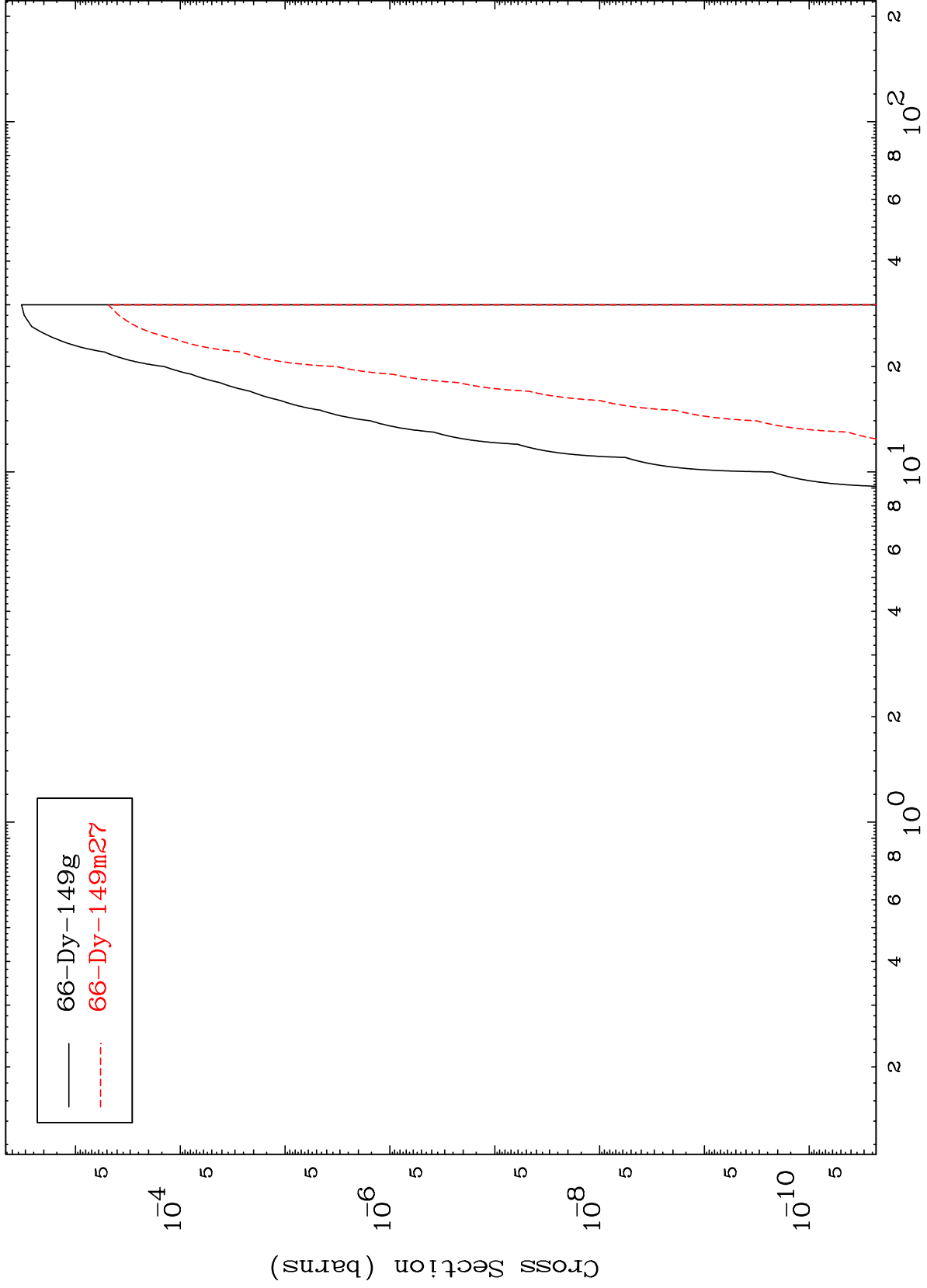
68-Er-153

MAT 6798

(n,d) α

68-Er-153

Radionuclide Production Cross Section



34

Incident Energy (MeV)

68-Er-153