

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

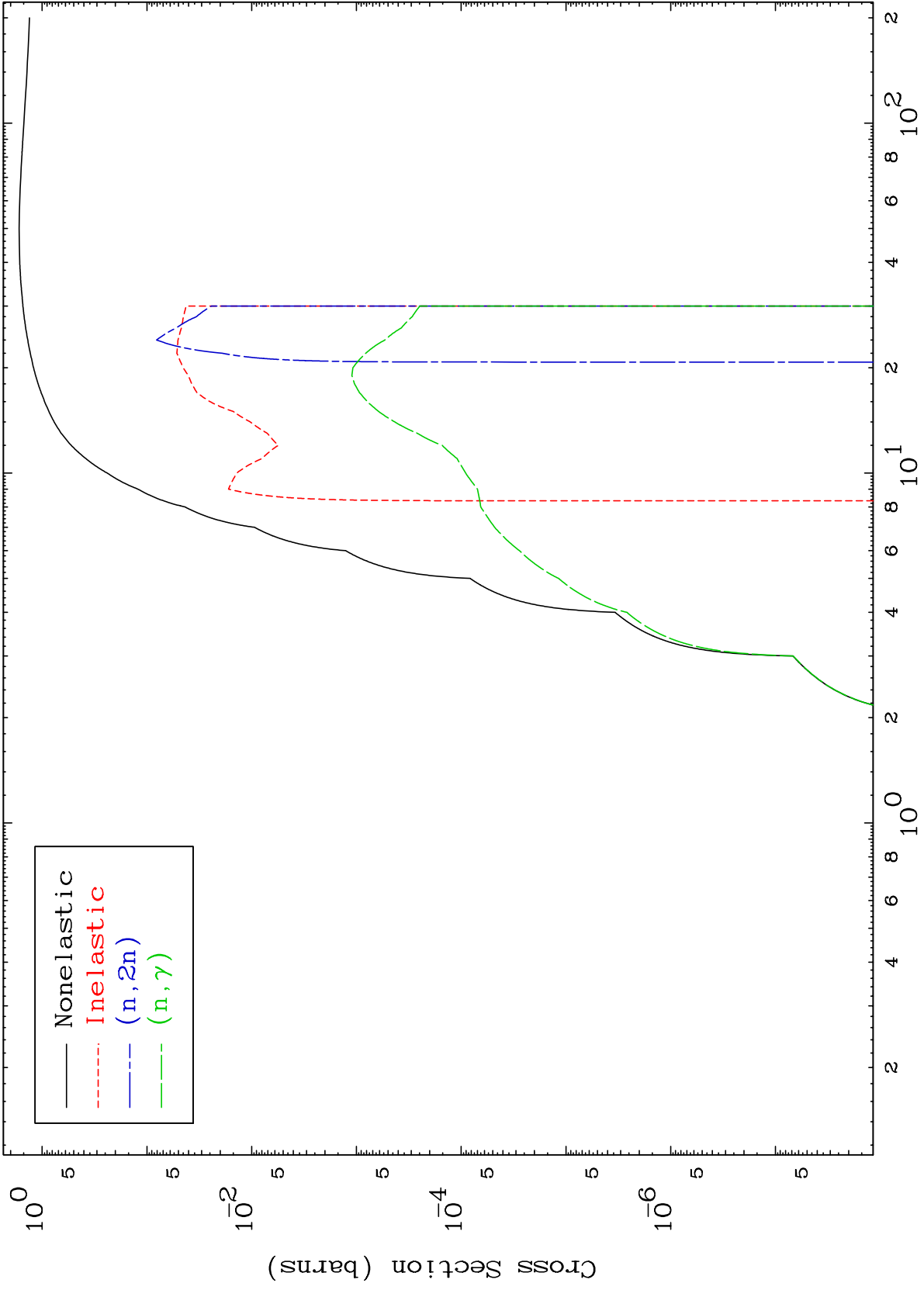
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

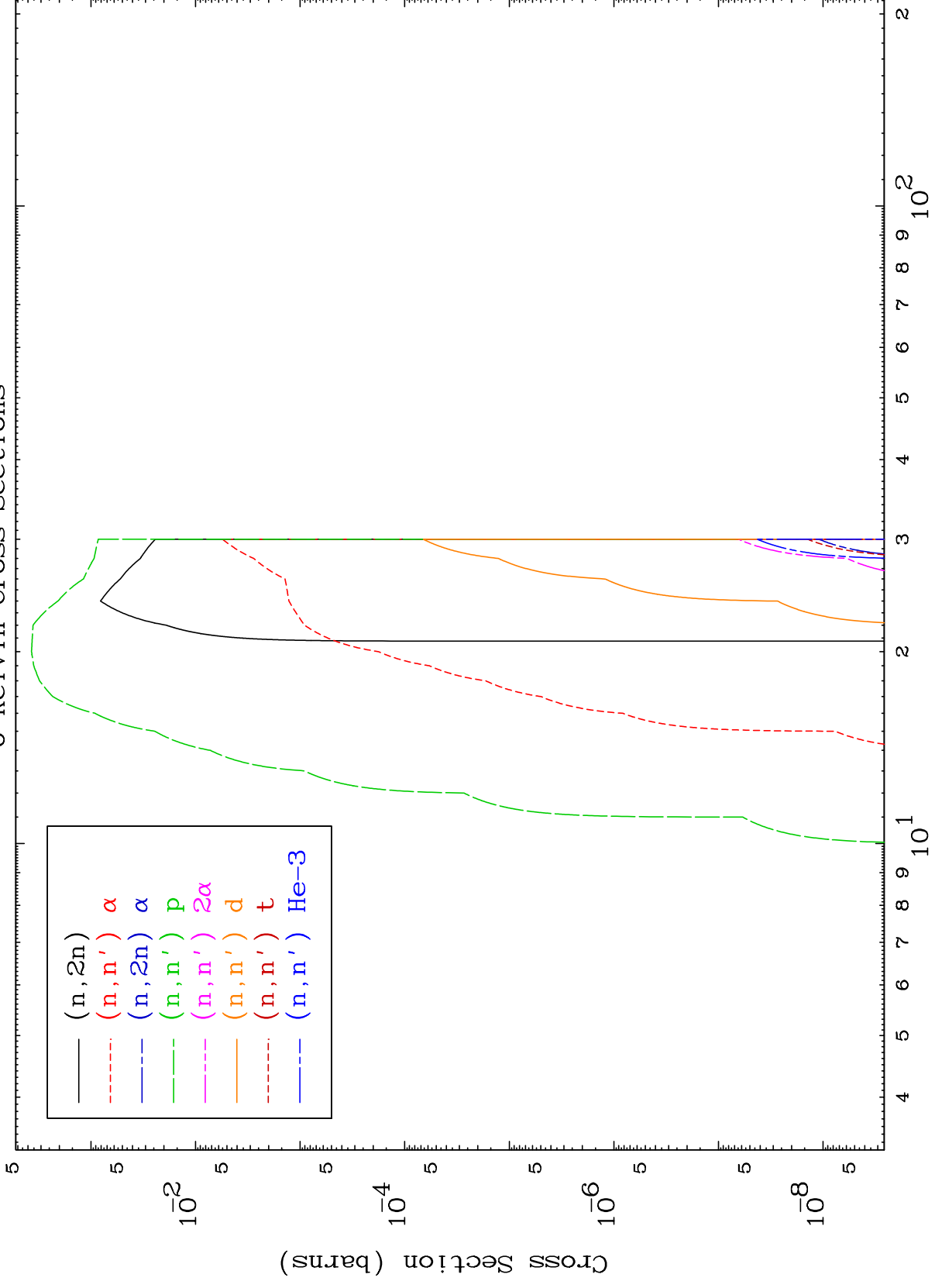
Tele: 925-443-1911

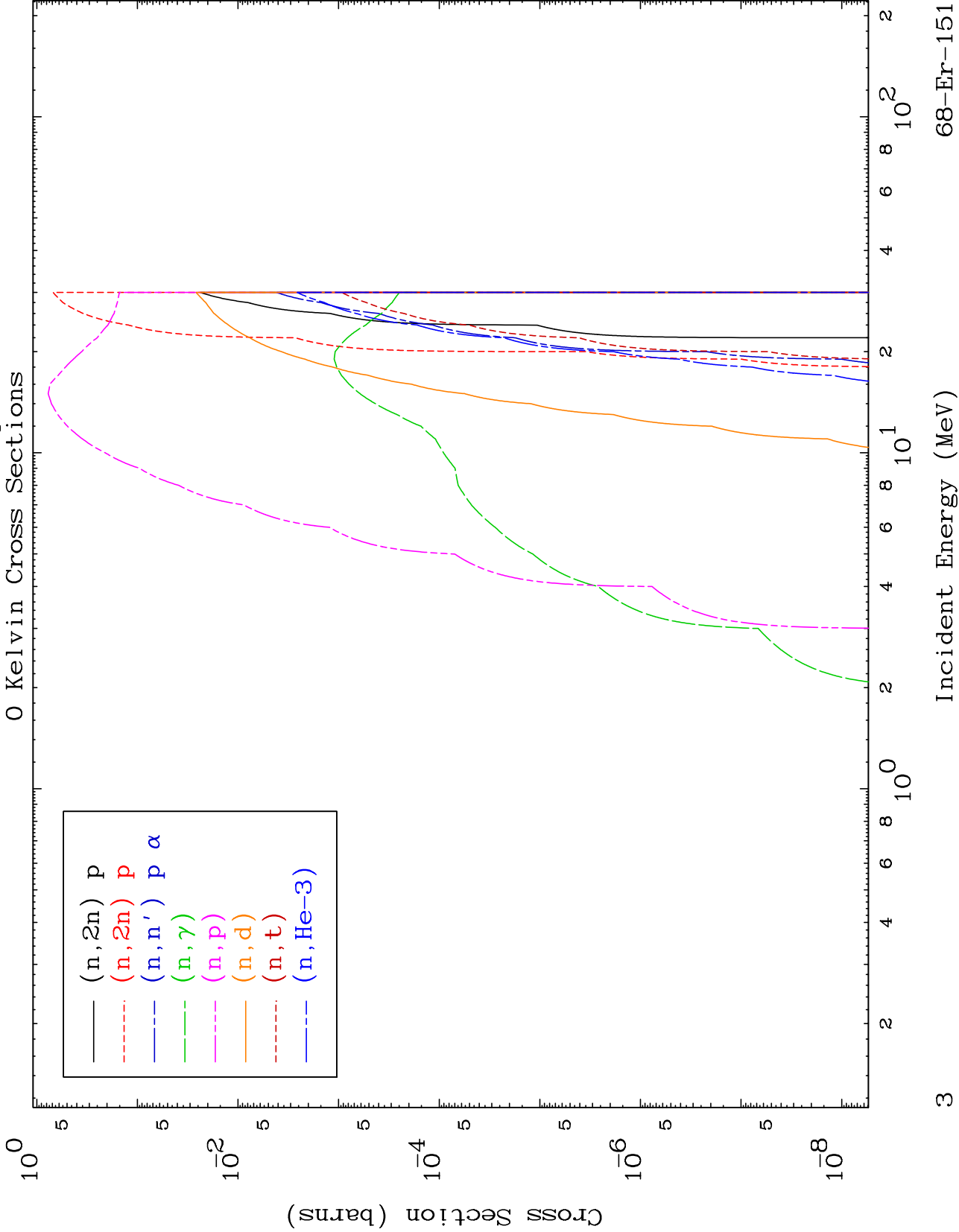
E.Mail:redcullen1@comcast.net

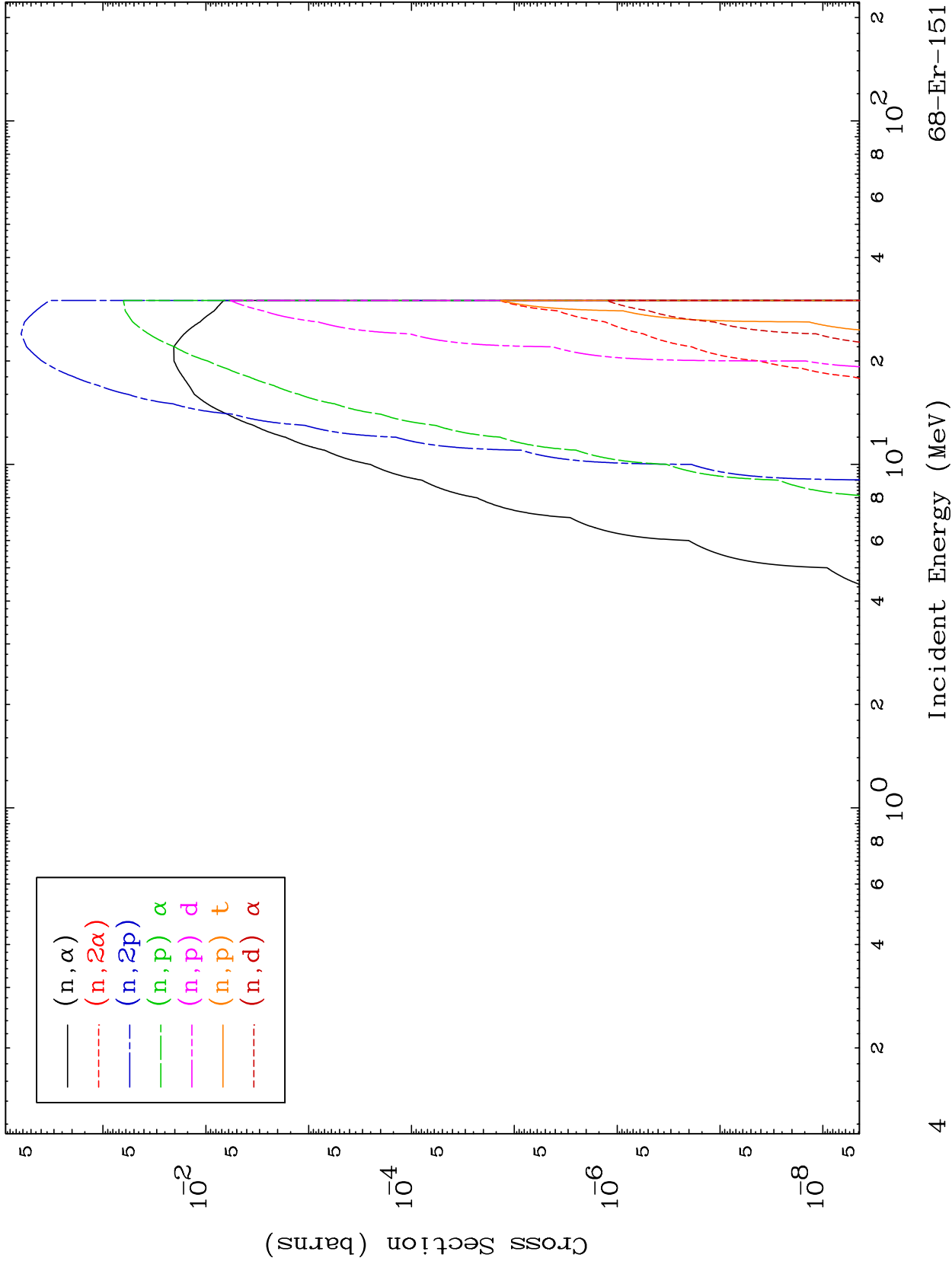
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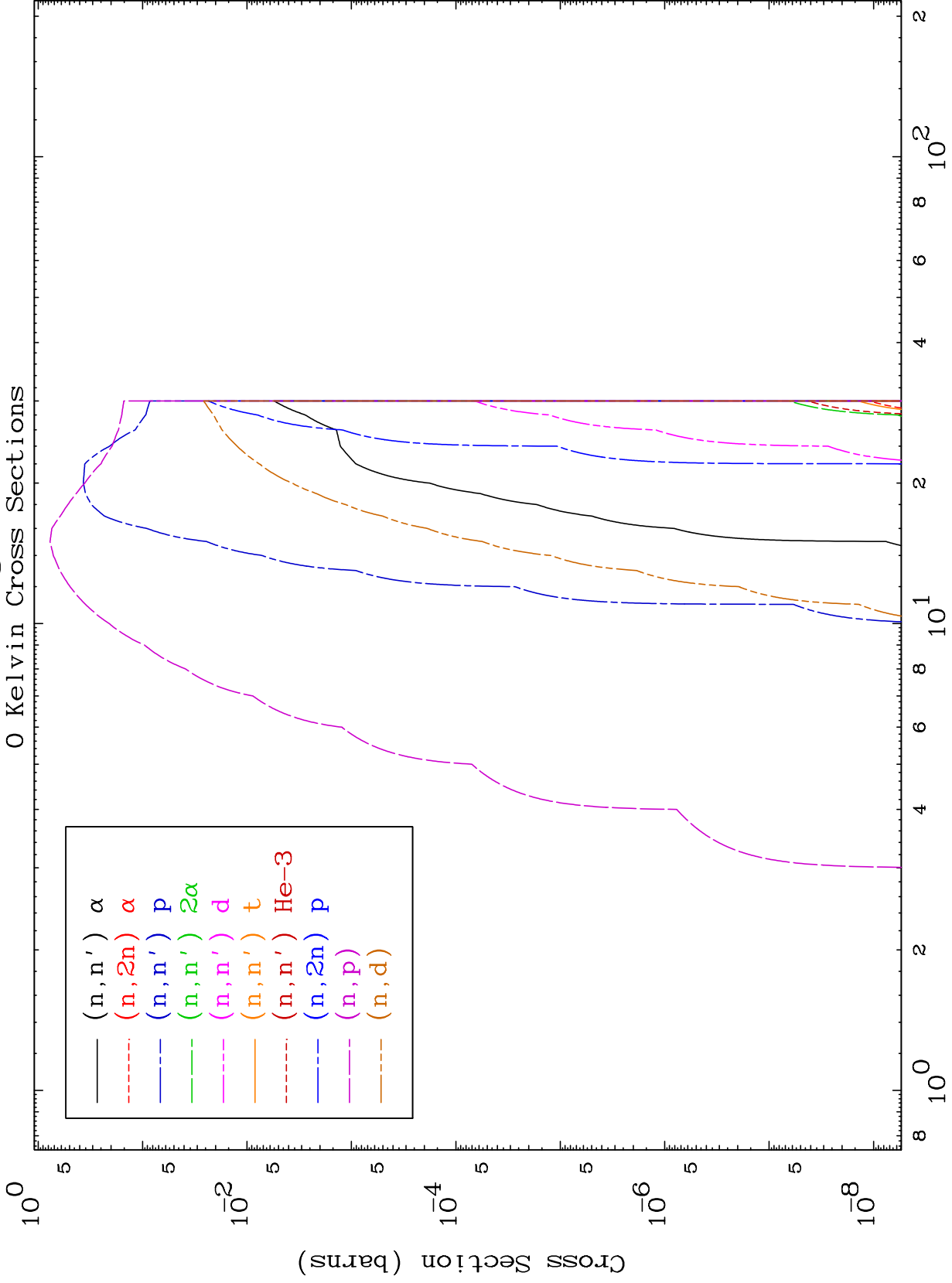
Press Mouse Button to Start

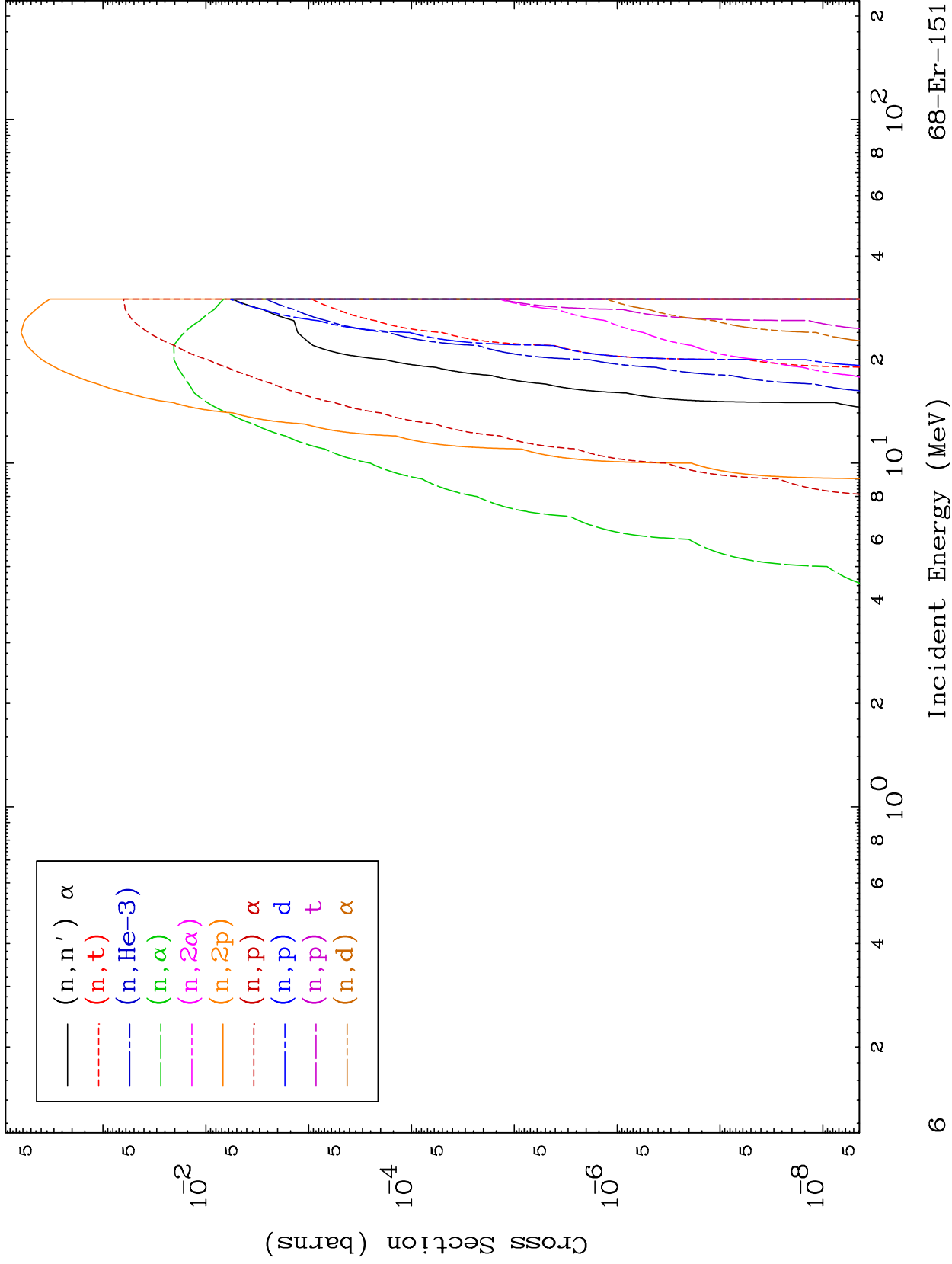








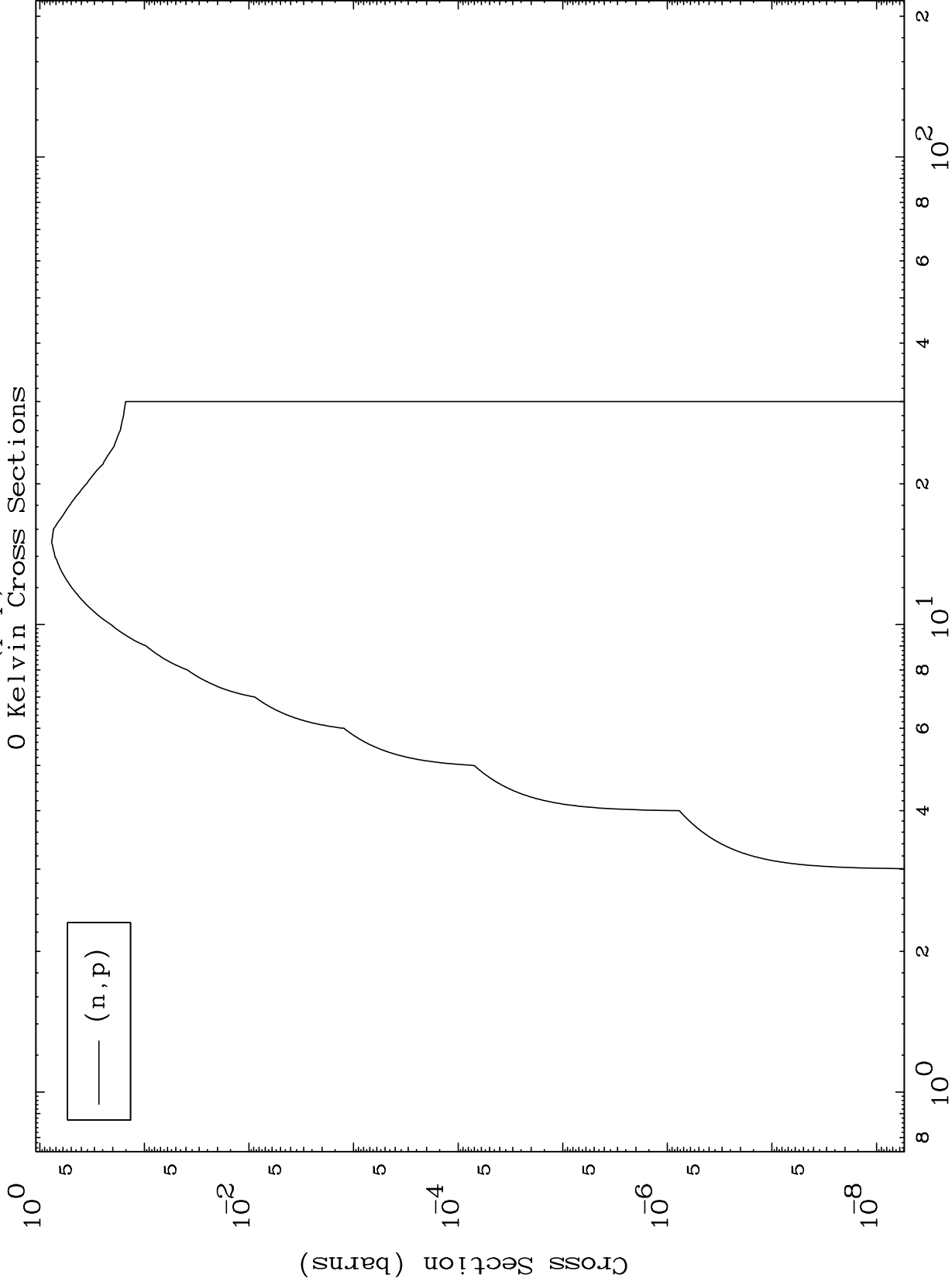




MAT 6792

68-Er-151

(p,p) Levels  
0 Kelvin Cross Sections



Incident Energy (MeV)

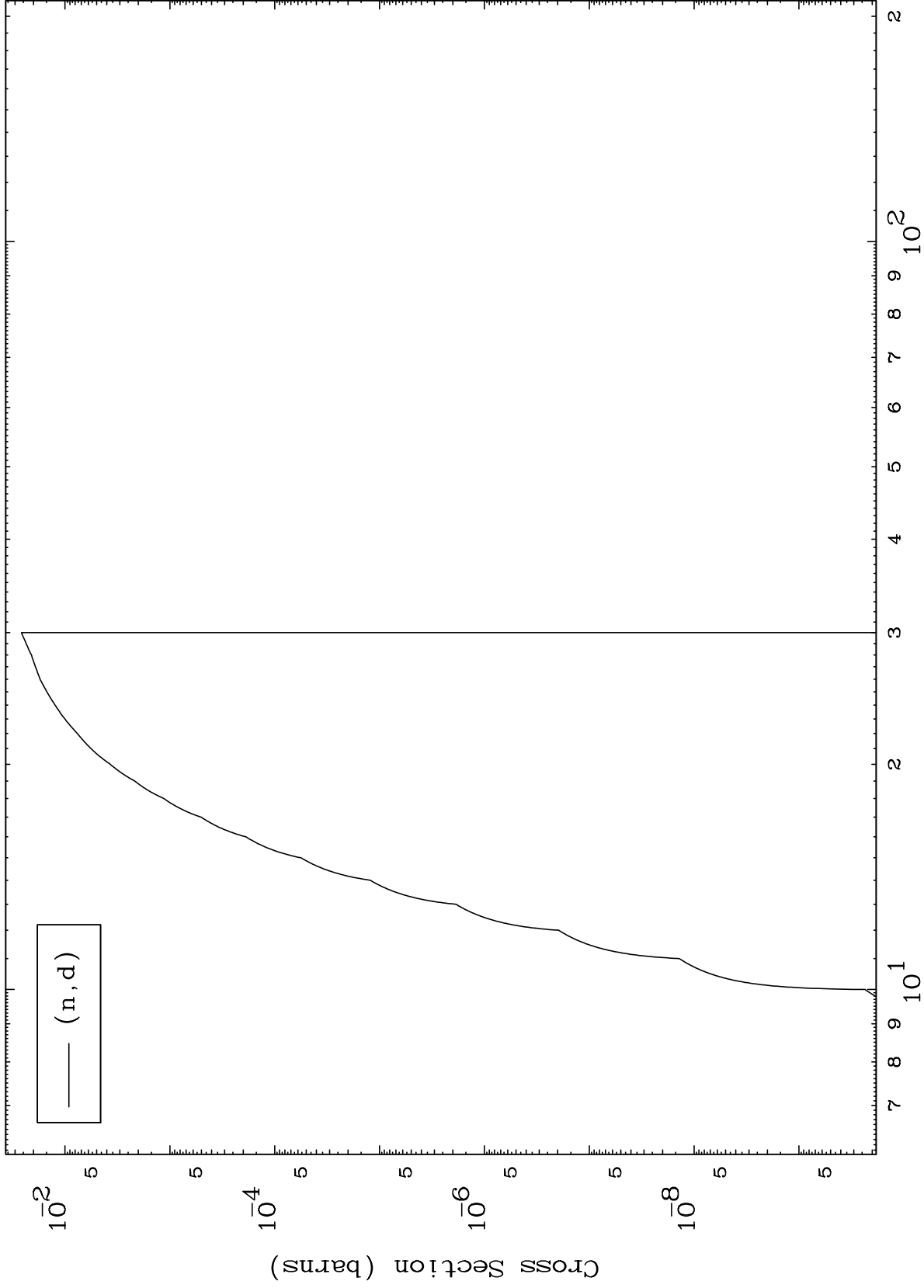
68-Er-151

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MAT 6792

(p,d) Levels  
0 Kelvin Cross Sections

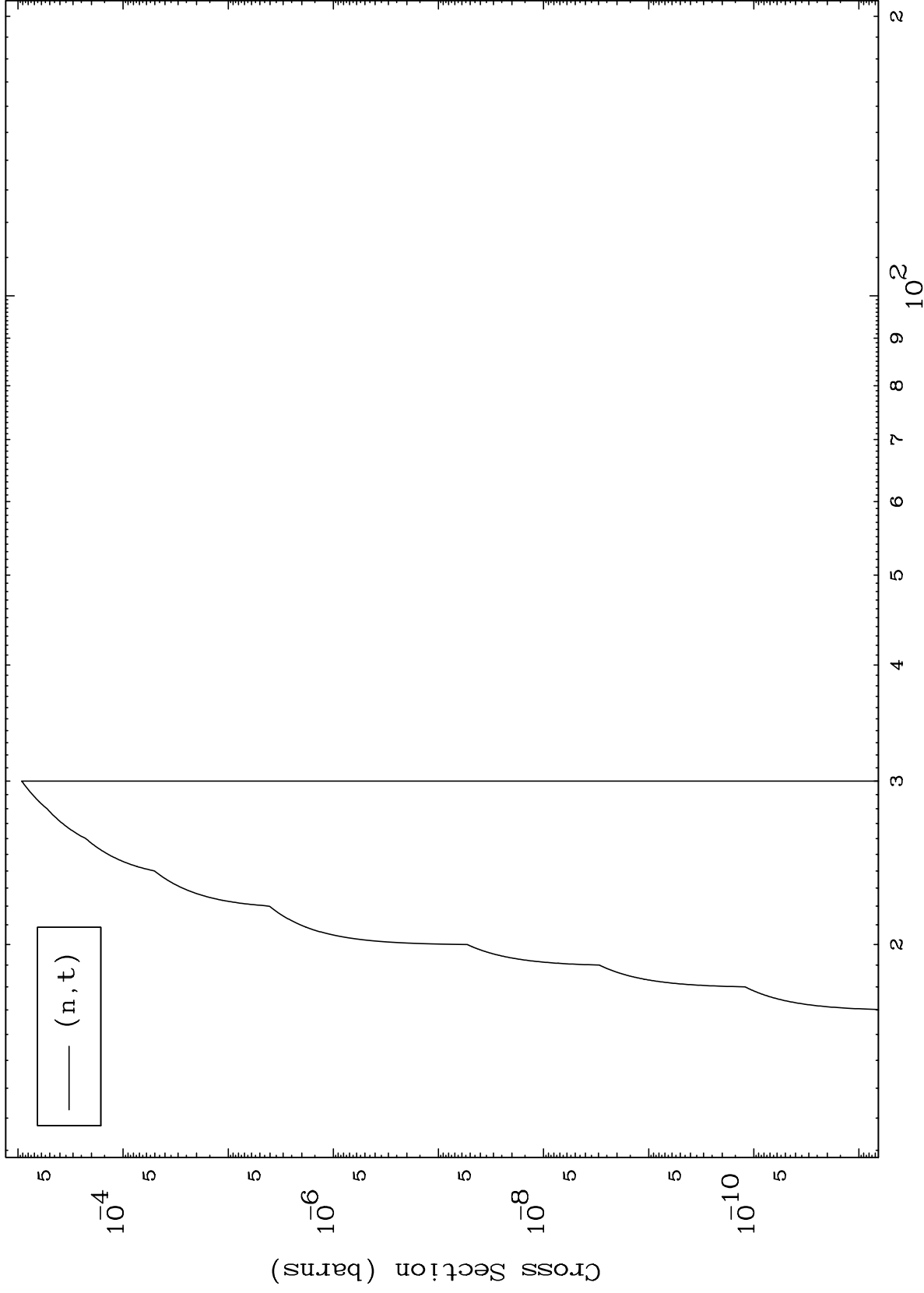
68-Er-151



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Incident Energy (MeV)

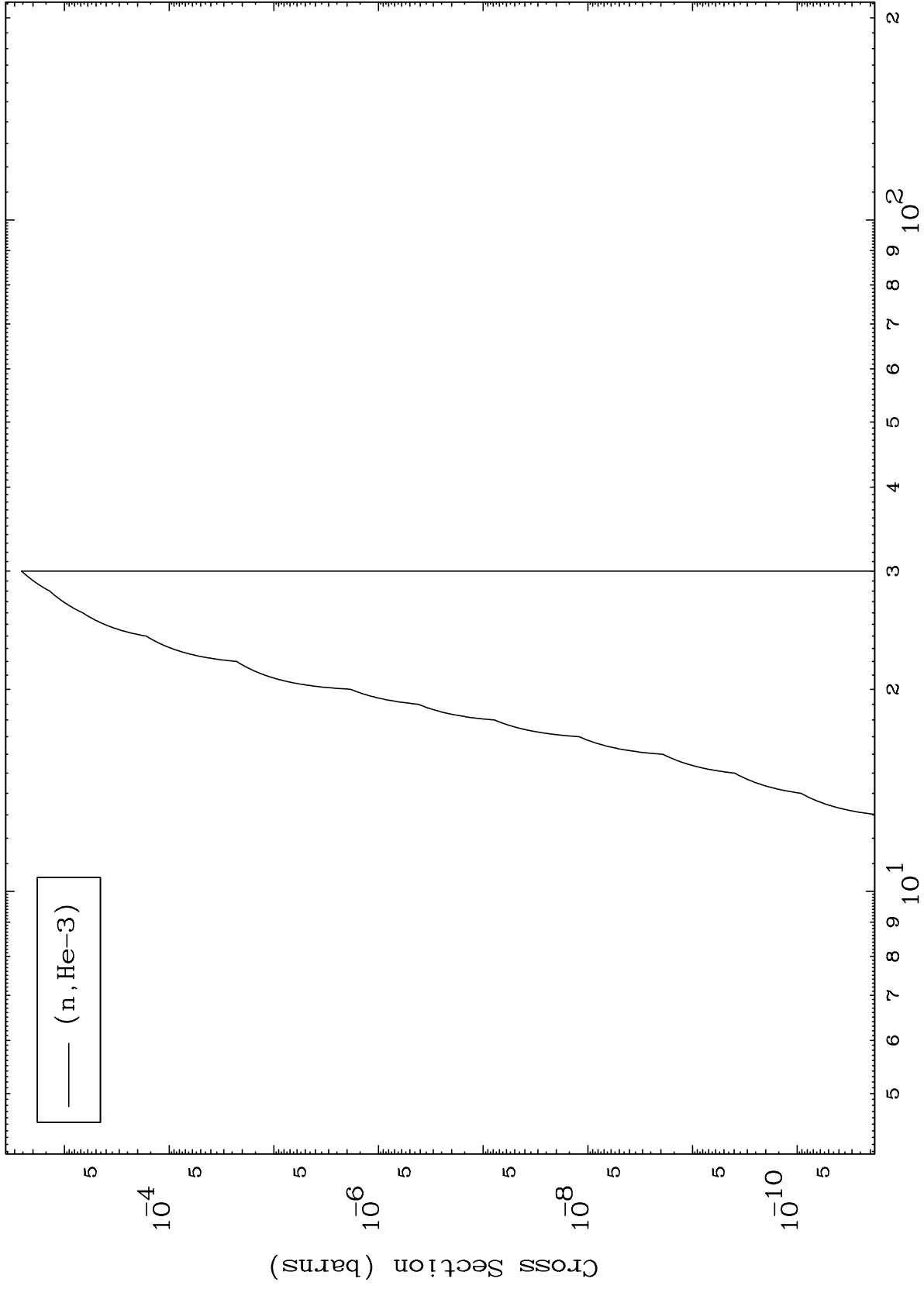
68-Er-151



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68-Er-151

(p,He3) Levels  
0 Kelvin Cross Sections



10

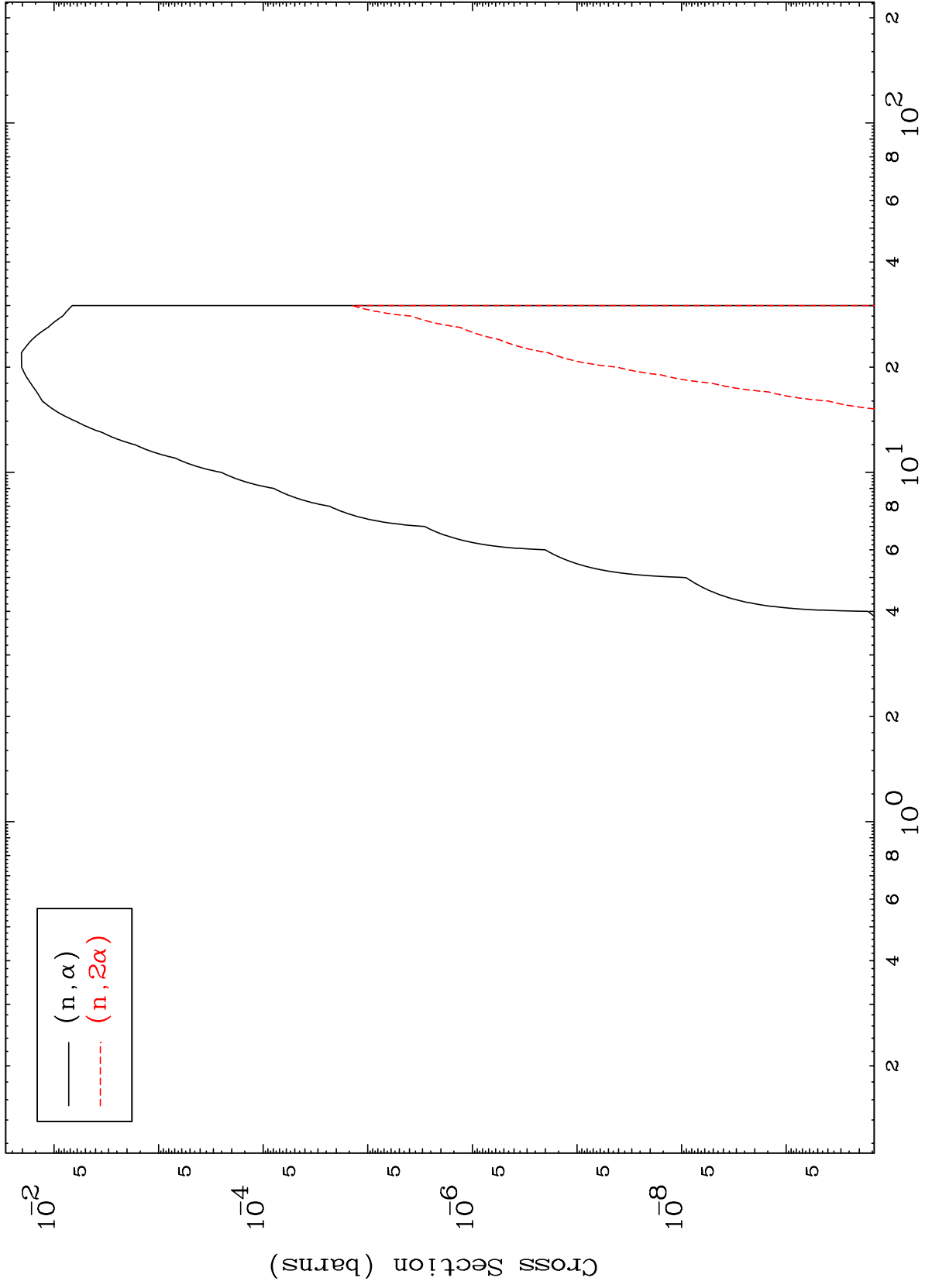
Incident Energy (MeV)

68-Er-151

MAT 6792

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

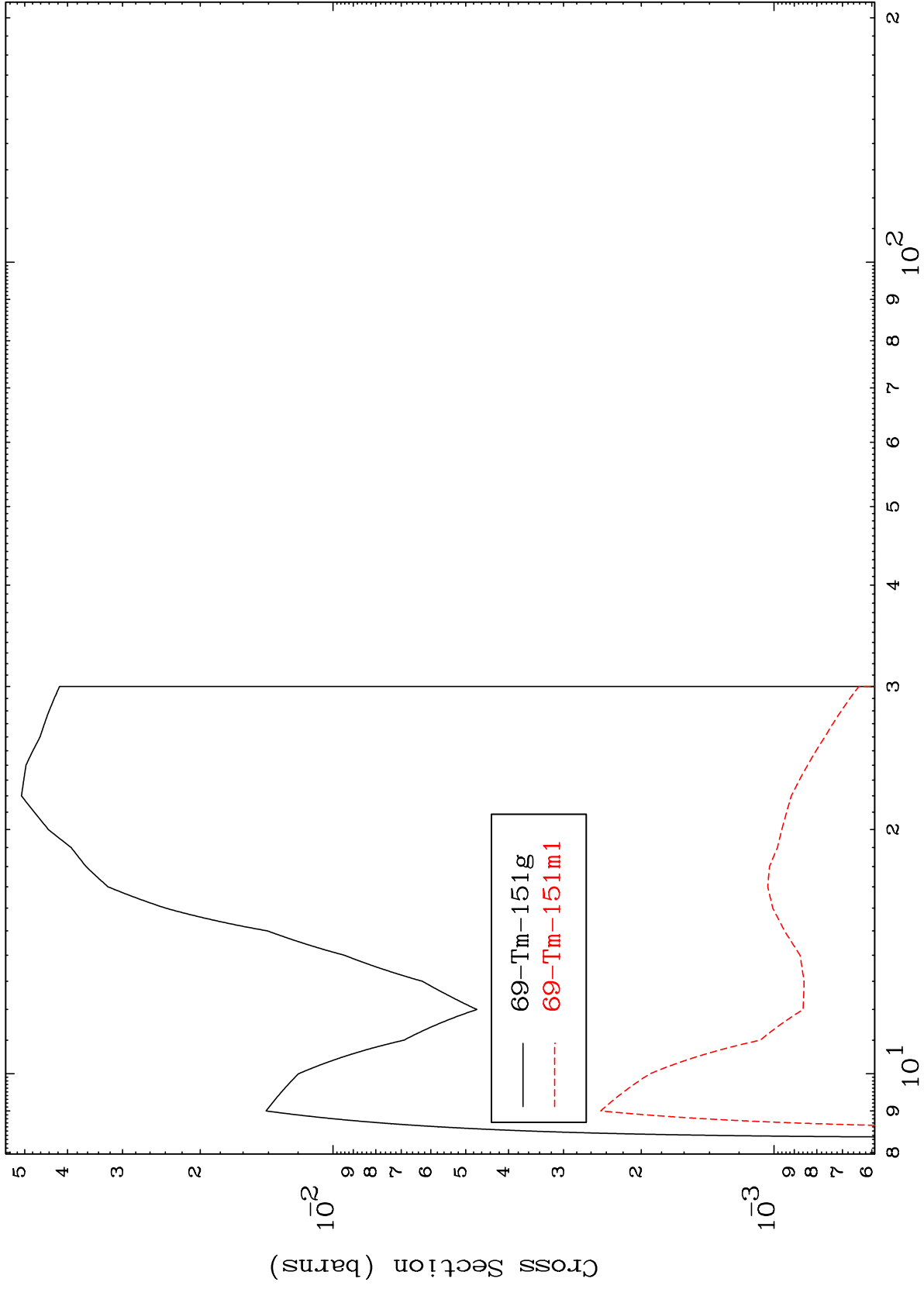
68-Er-151



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Inelastic  
Radionuclide Production Cross Section

68-Er-151



12

Incident Energy (MeV)

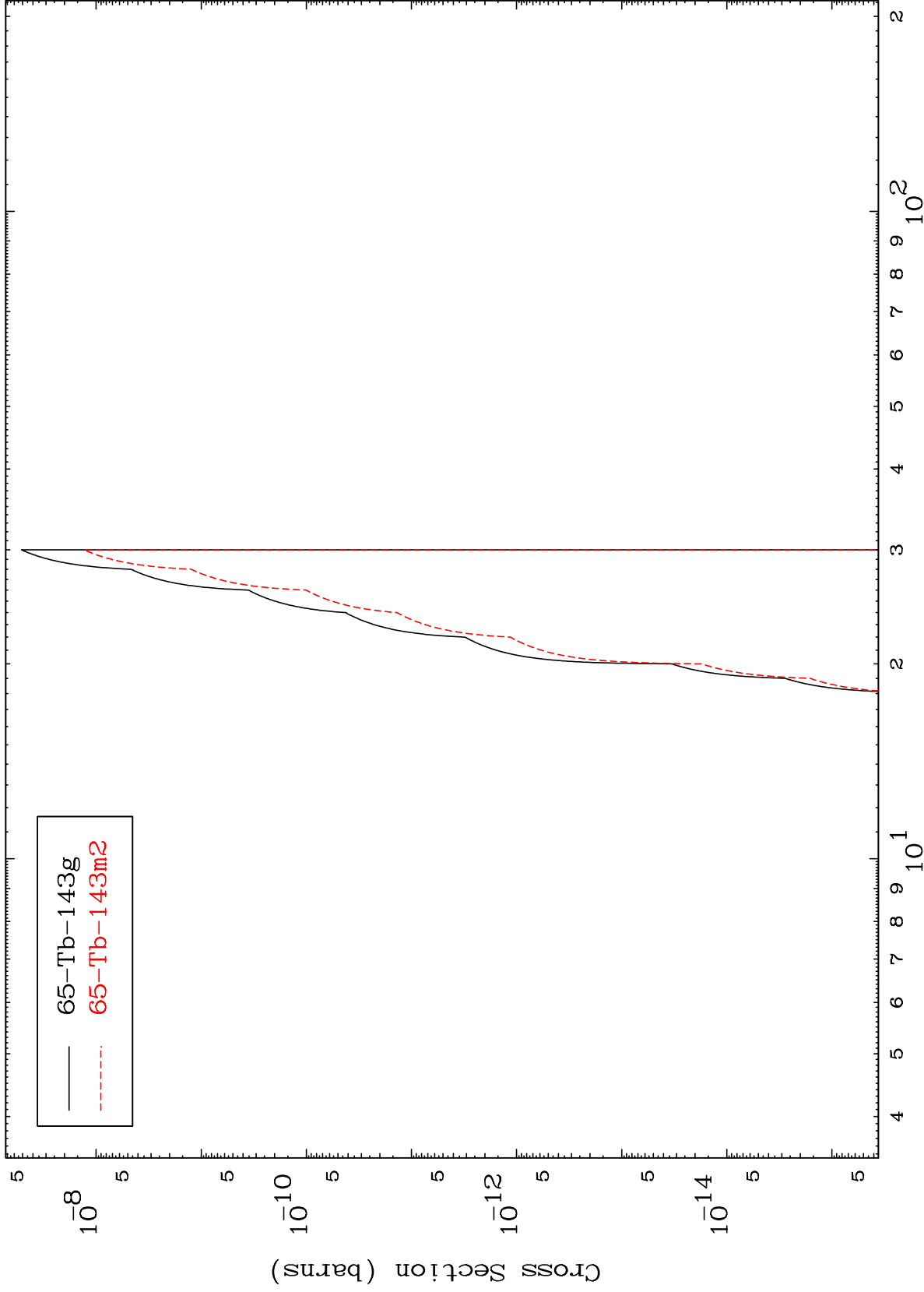
68-Er-151

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(n,n') 2 $\alpha$

68-Er-151

Radionuclide Production Cross Section



— 65-Tb-143g  
- - - 65-Tb-143m2

13

Incident Energy (MeV)

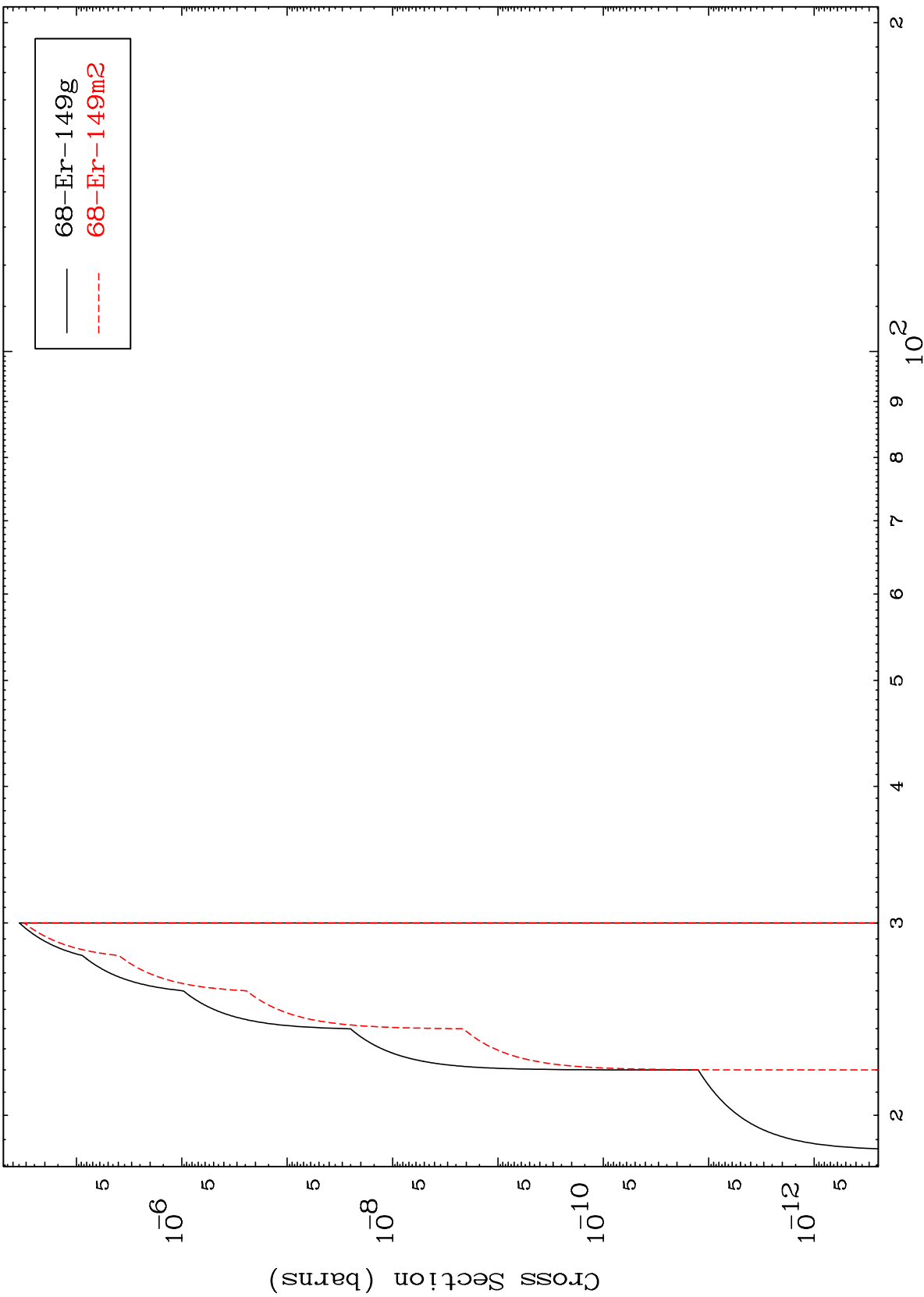
68-Er-151

MAT 6792

(n,n') d

68-Er-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

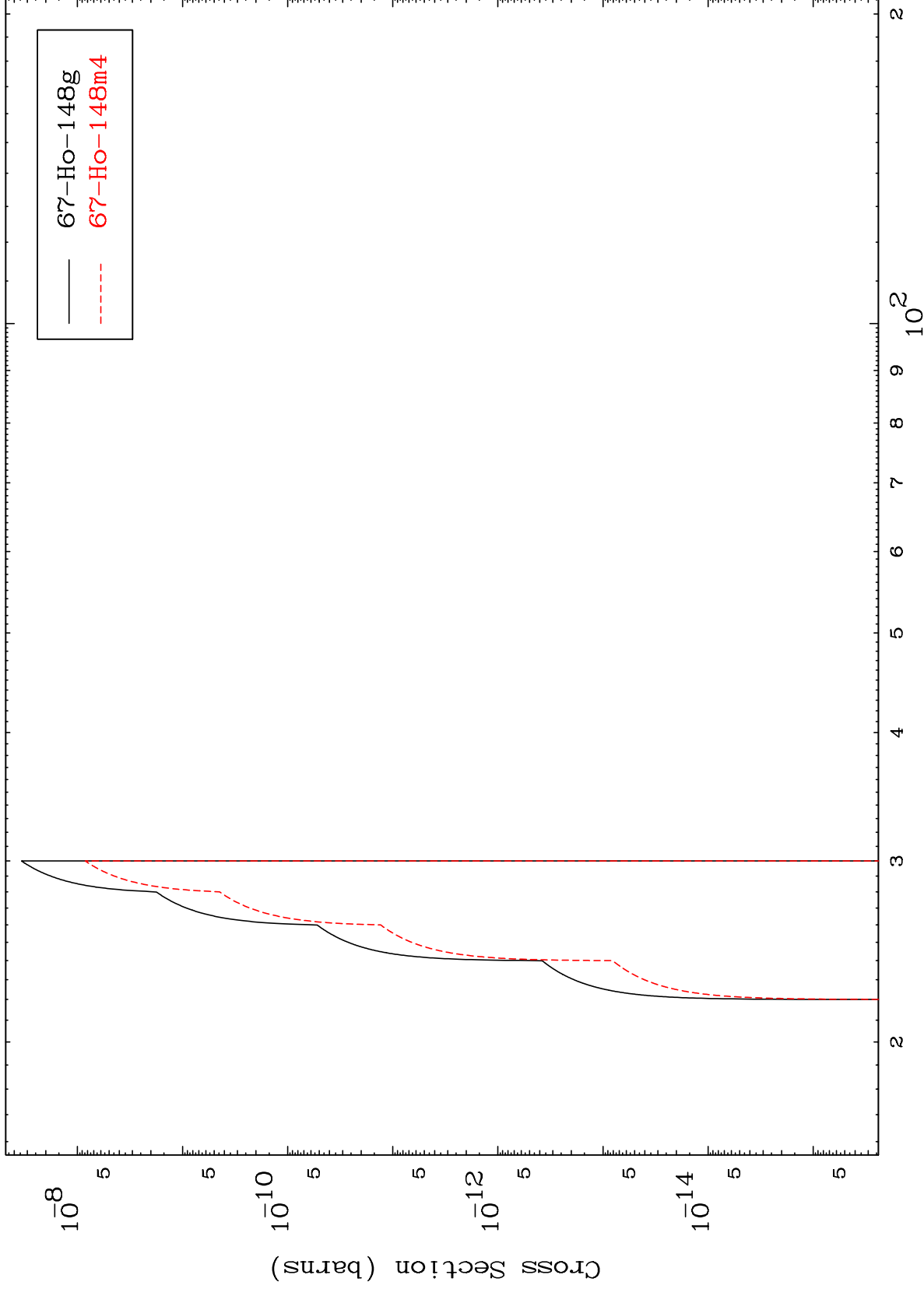
68-Er-151

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(n,n') He-3

68-Er-151

Radionuclide Production Cross Section



15

Incident Energy (MeV)

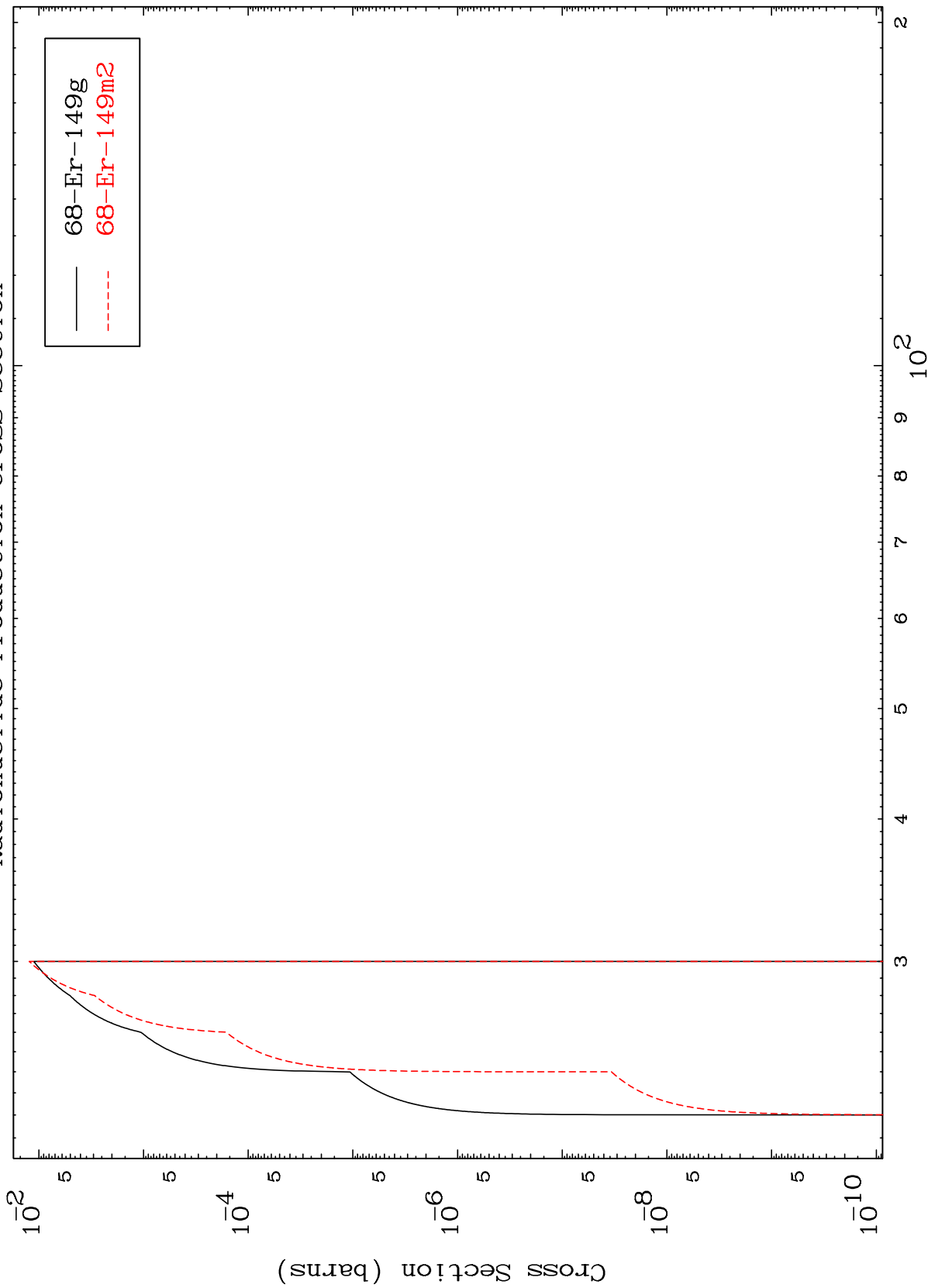
68-Er-151

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(n,2n) p

68-Er-151

Radionuclide Production Cross Section

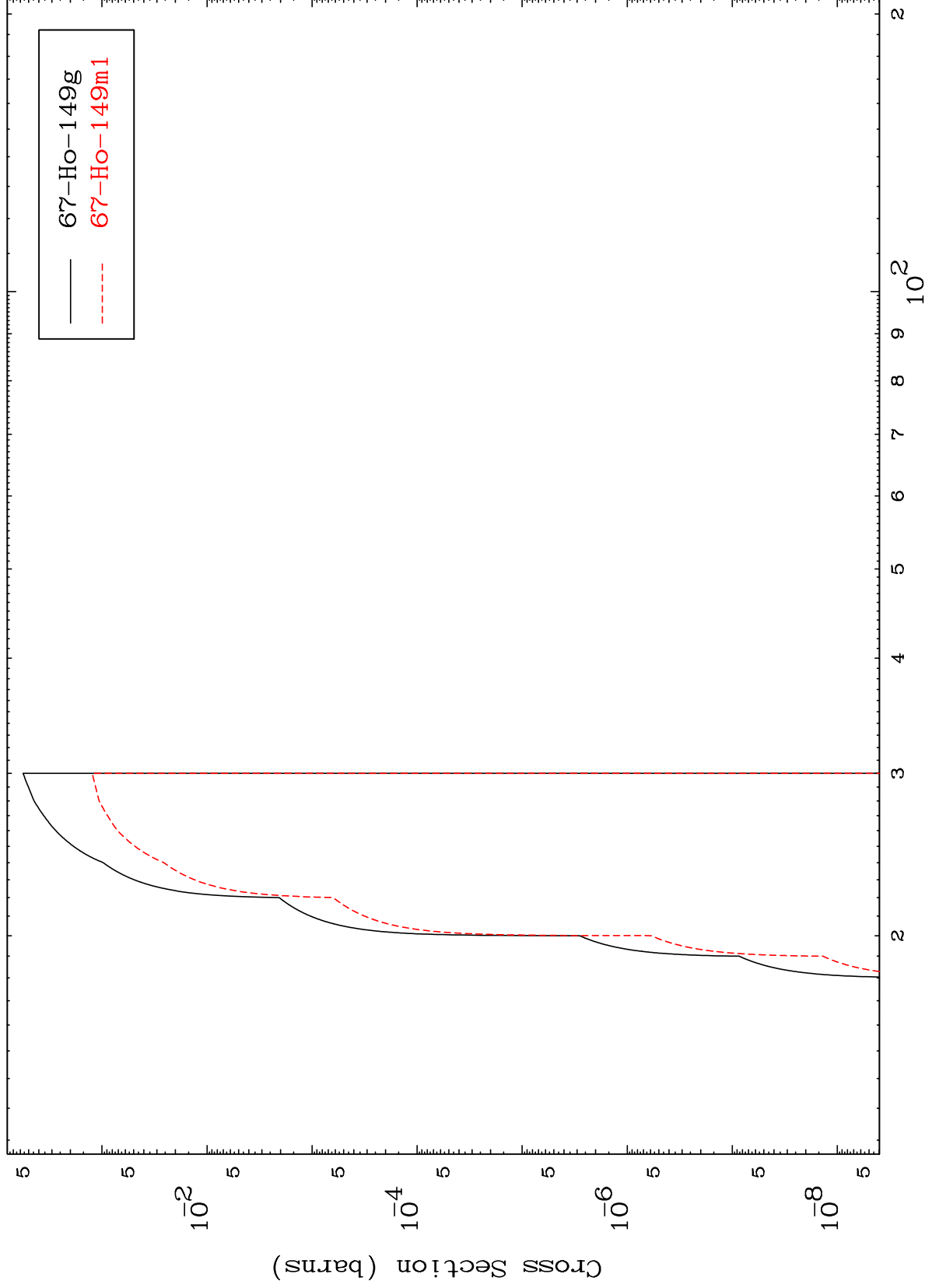


16

Incident Energy (MeV)

68-Er-151

Radionuclide Production Cross Section

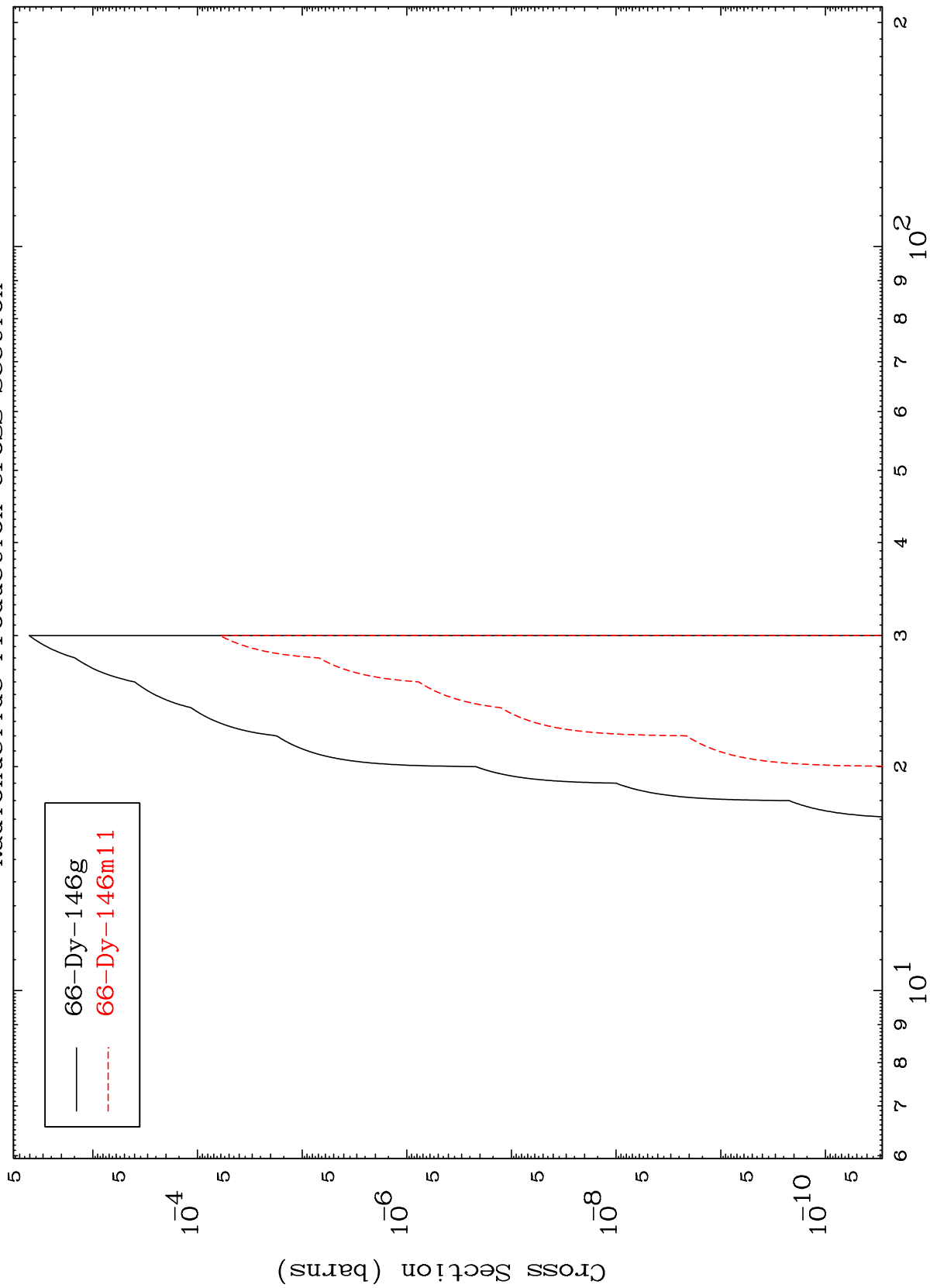


MAT 6792

(n,n') p  $\alpha$

68-Er-151

Radionuclide Production Cross Section



18

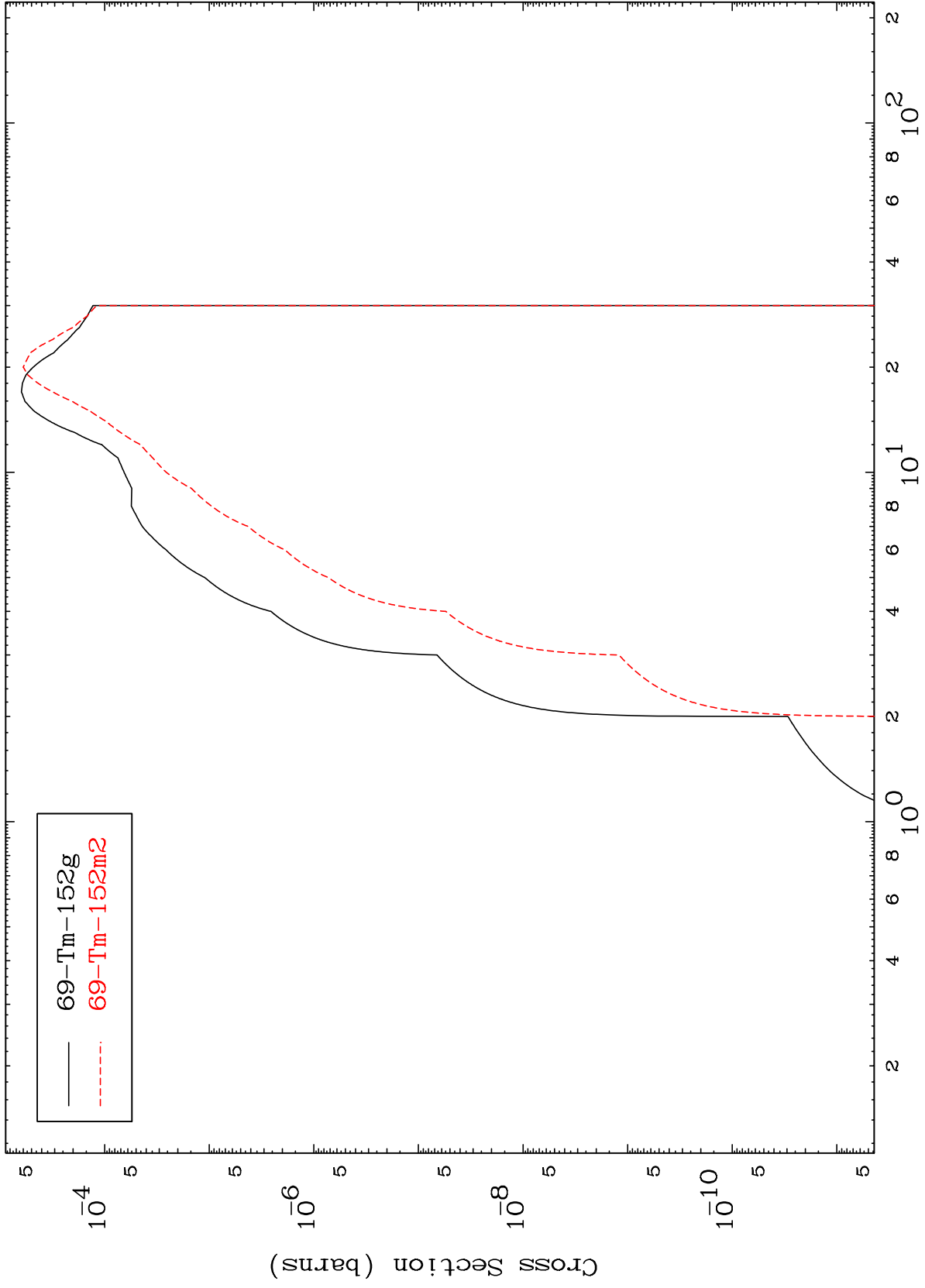
Incident Energy (MeV)

68-Er-151

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68-Er-151

(n,γ)  
Radionuclide Production Cross Section



68-Er-151

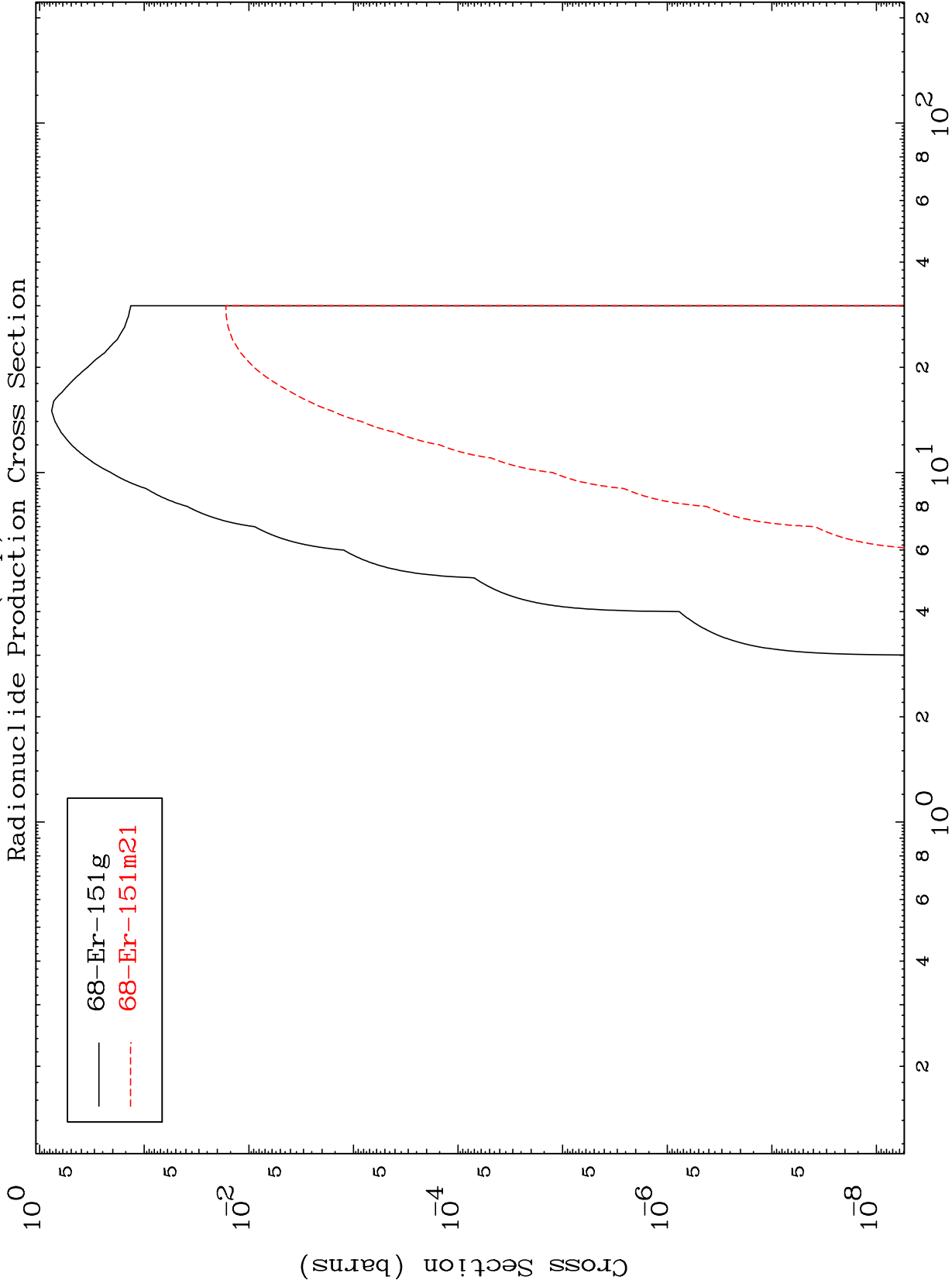
Incident Energy (MeV)

19

MAT 6792

68-Er-151

(n,p)  
Radionuclide Production Cross Section

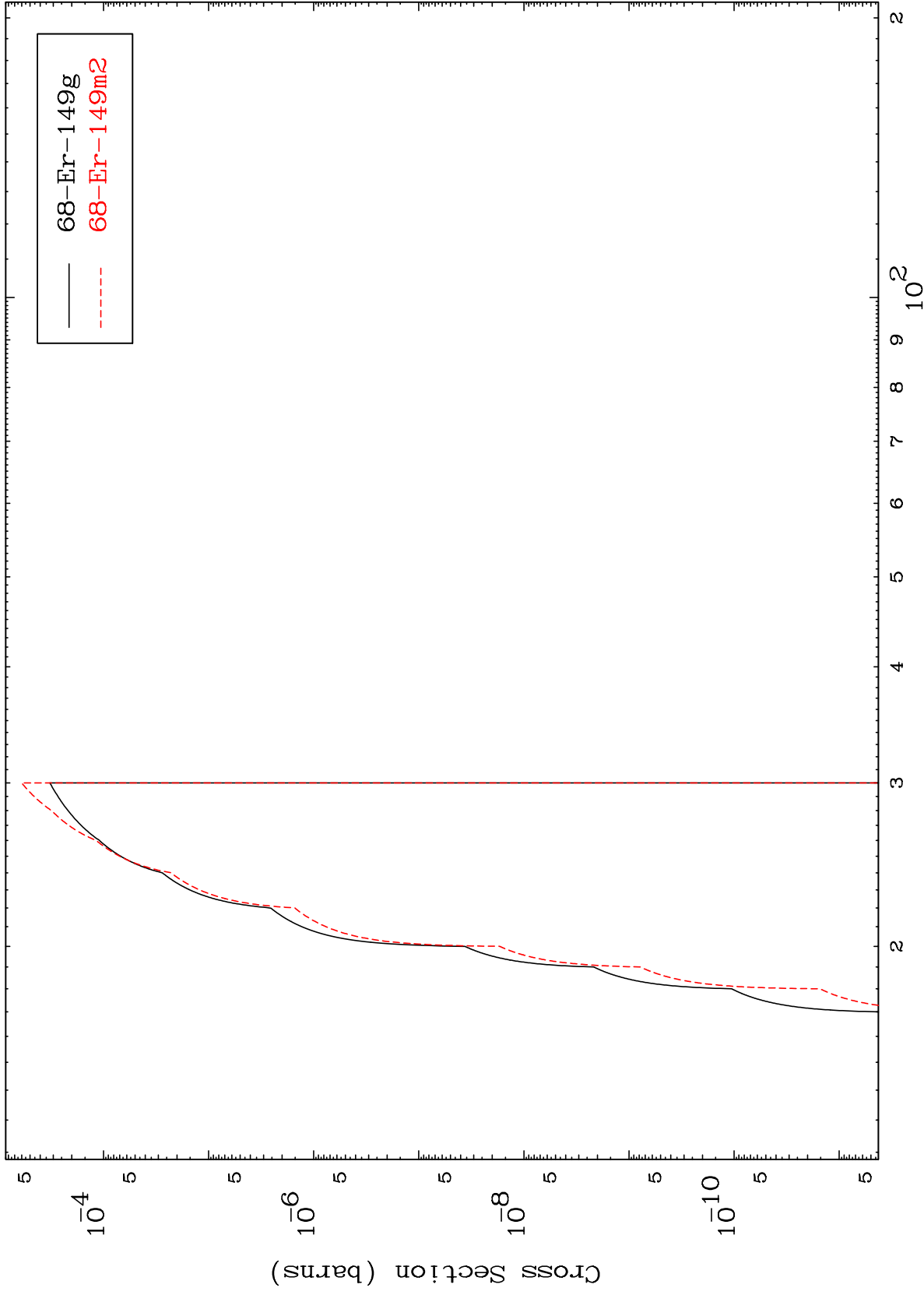


20

Incident Energy (MeV)

68-Er-151

(n, t)  
Radionuclide Production Cross Section

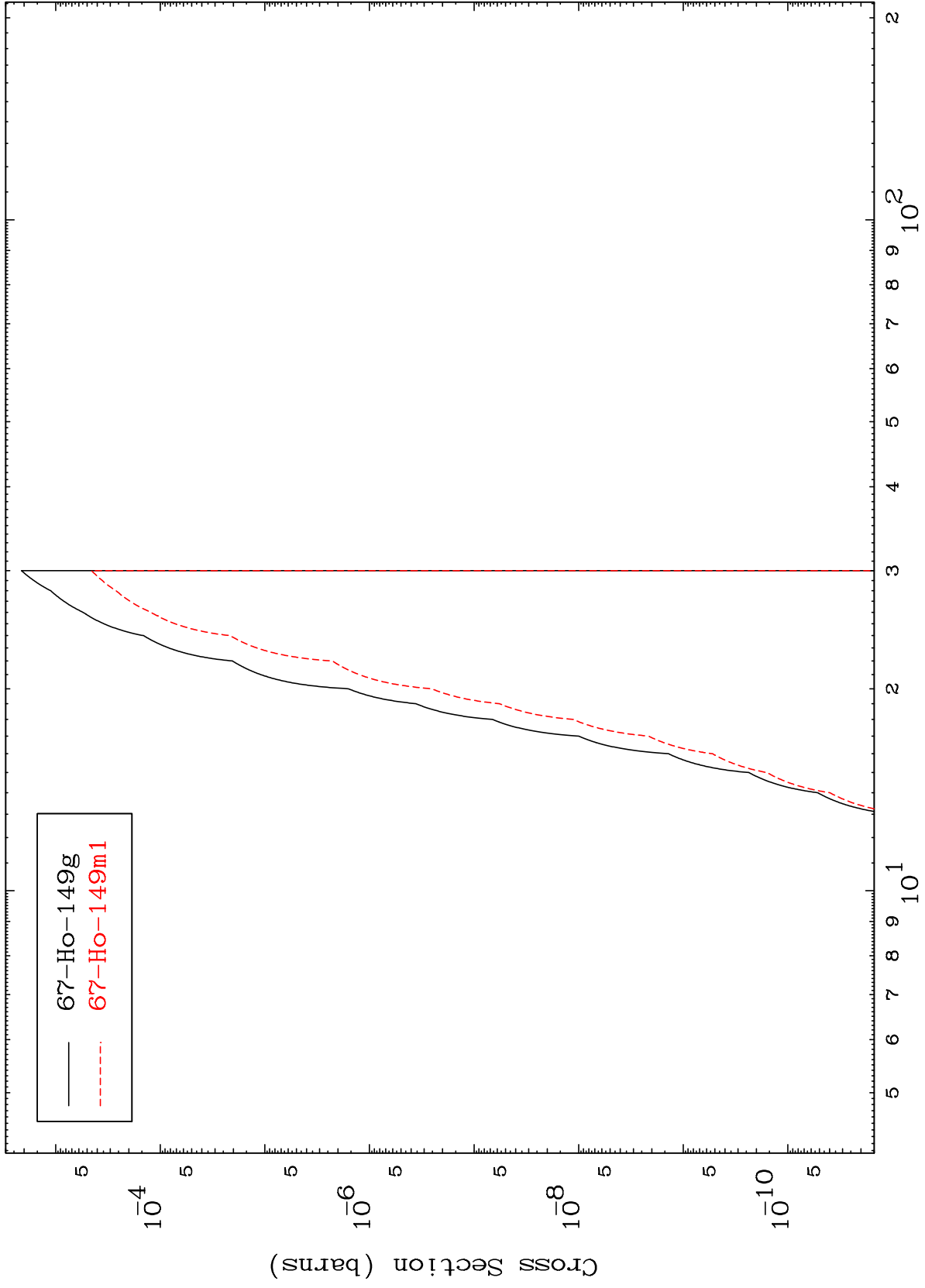


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(n,He-3)

68-Er-151

Radionuclide Production Cross Section



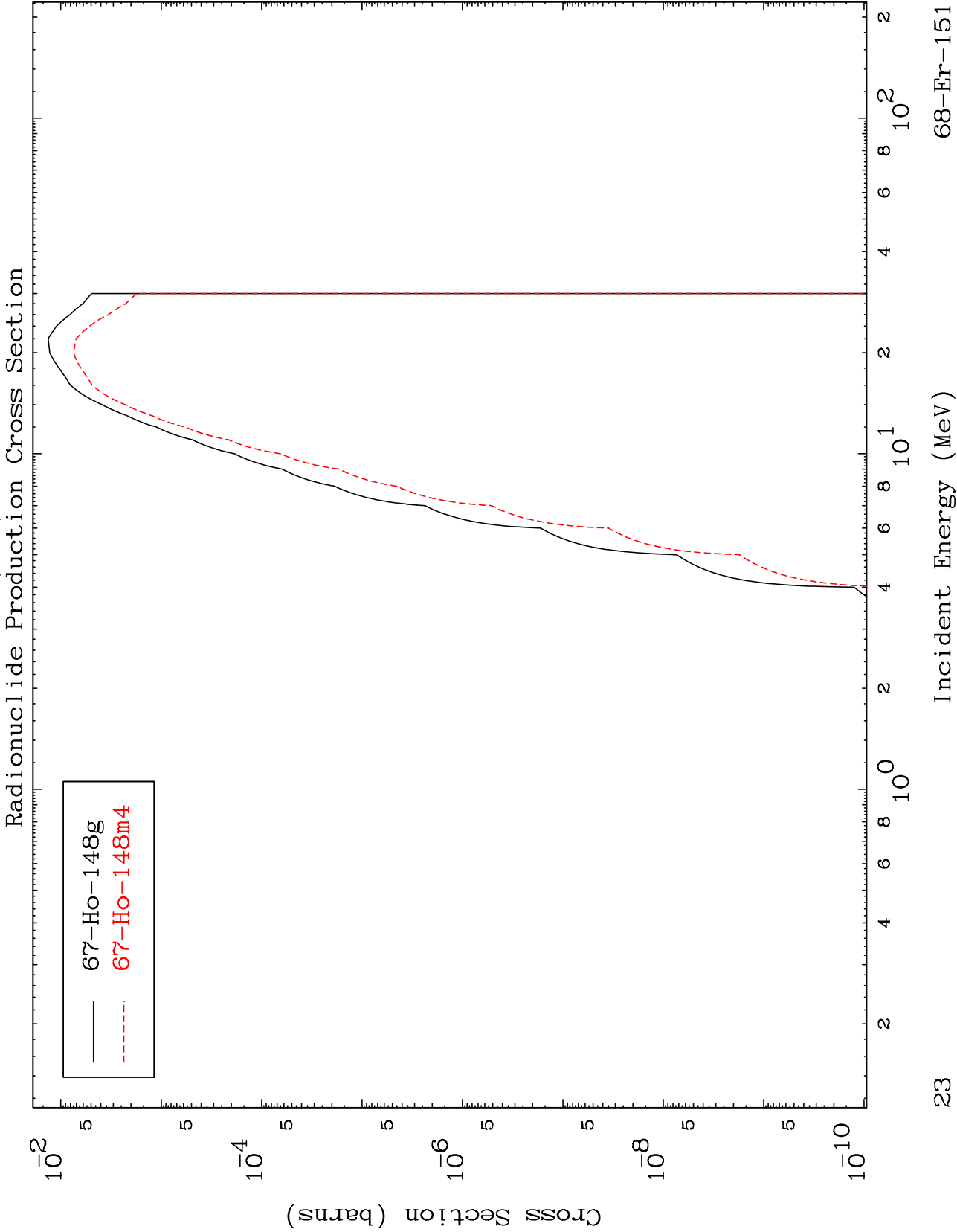
22

Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

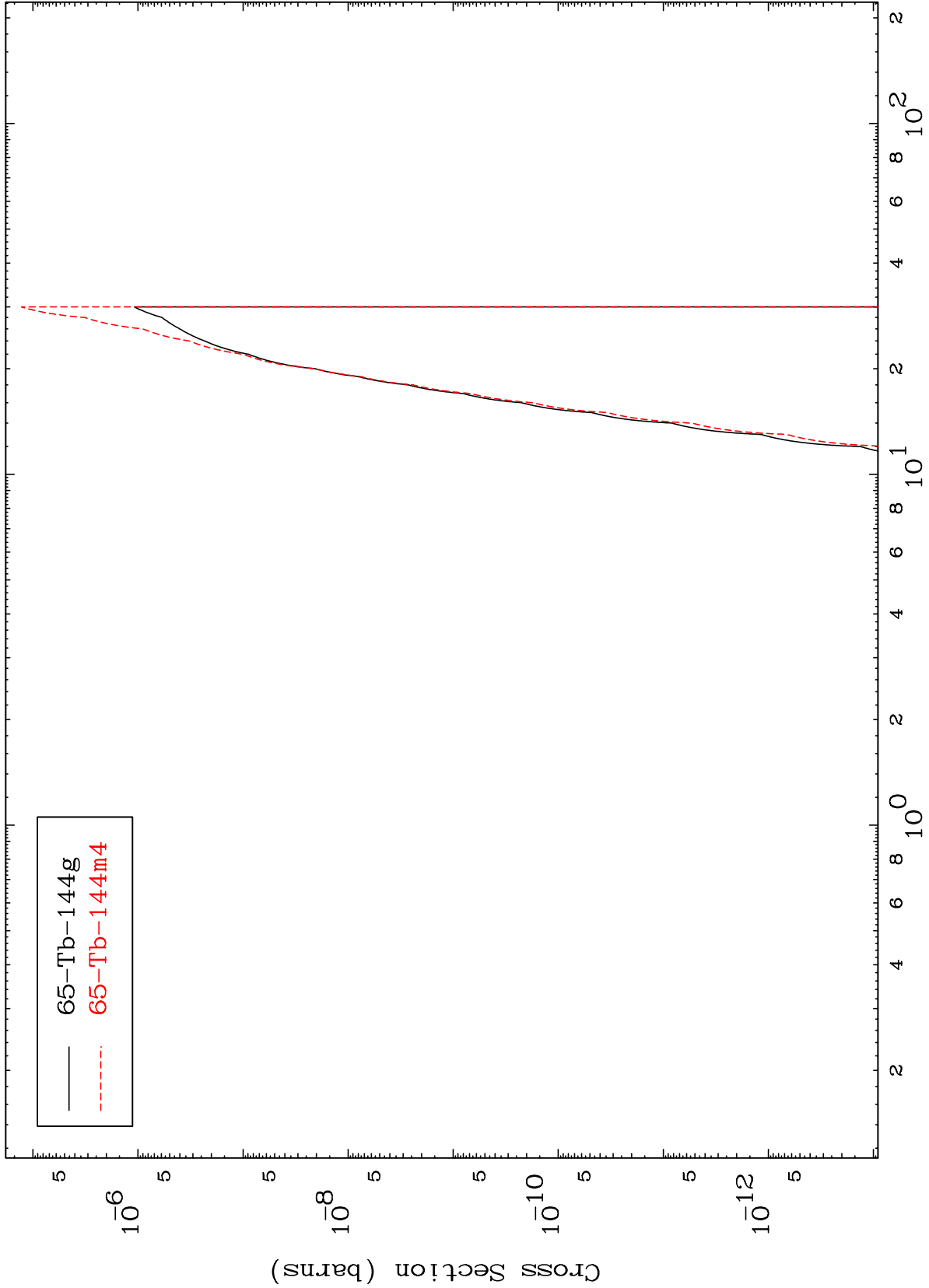


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(n,2α)

68-Er-151

Radionuclide Production Cross Section

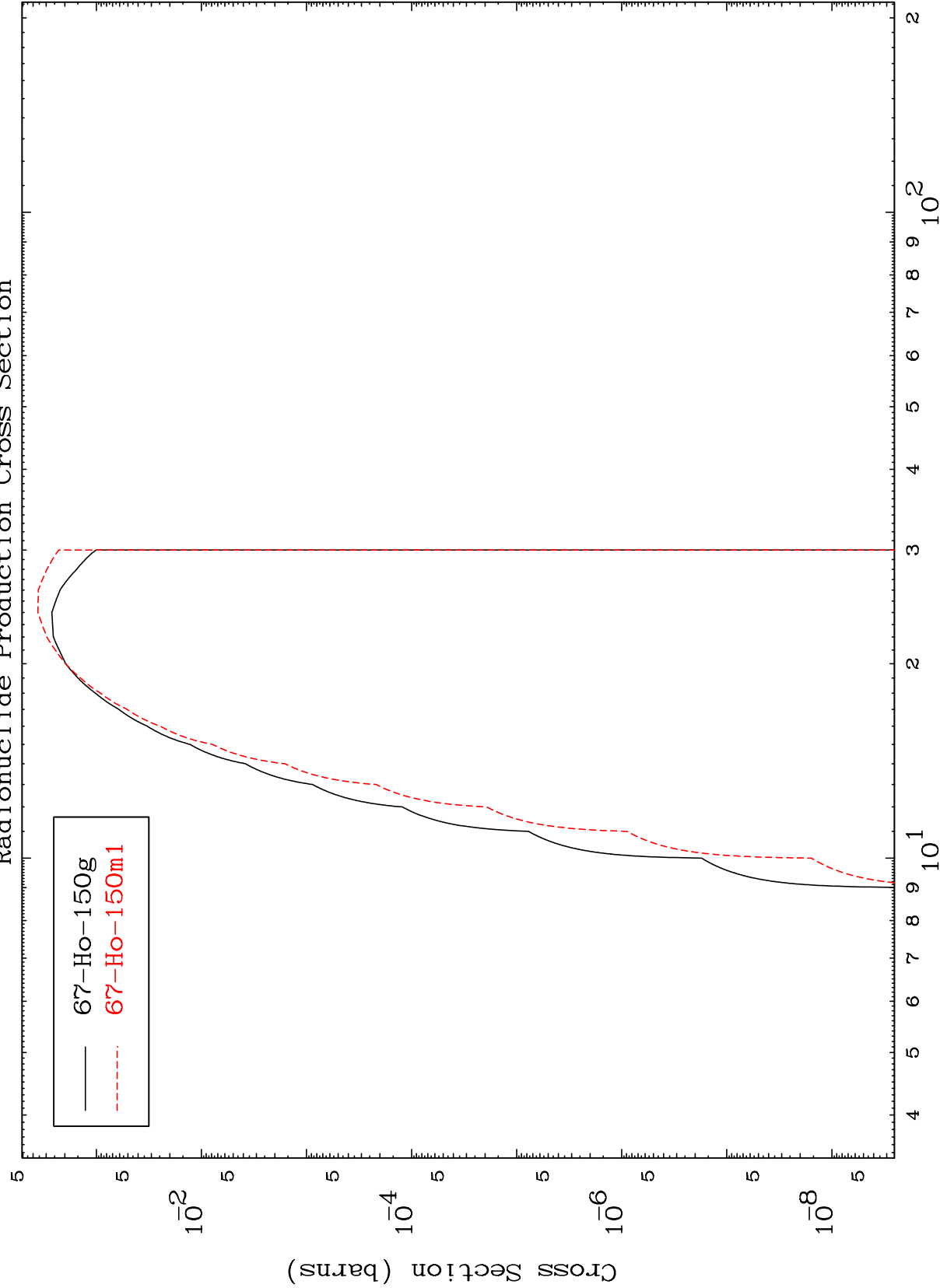


— 65-Tb-144g  
- - - 65-Tb-144m4

MAT 6792

68-Er-151

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

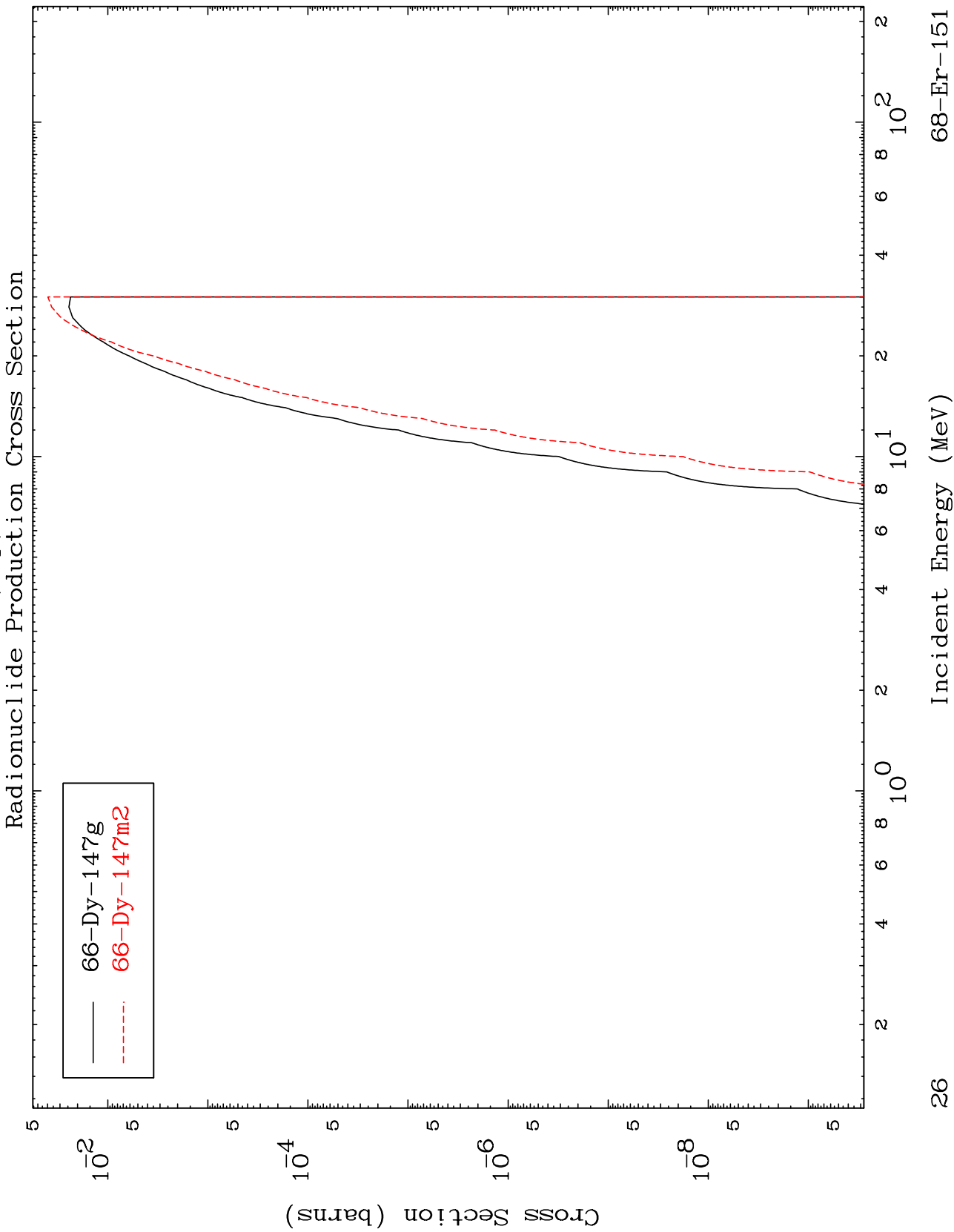
68-Er-151

25

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(n,p)  $\alpha$

68-Er-151



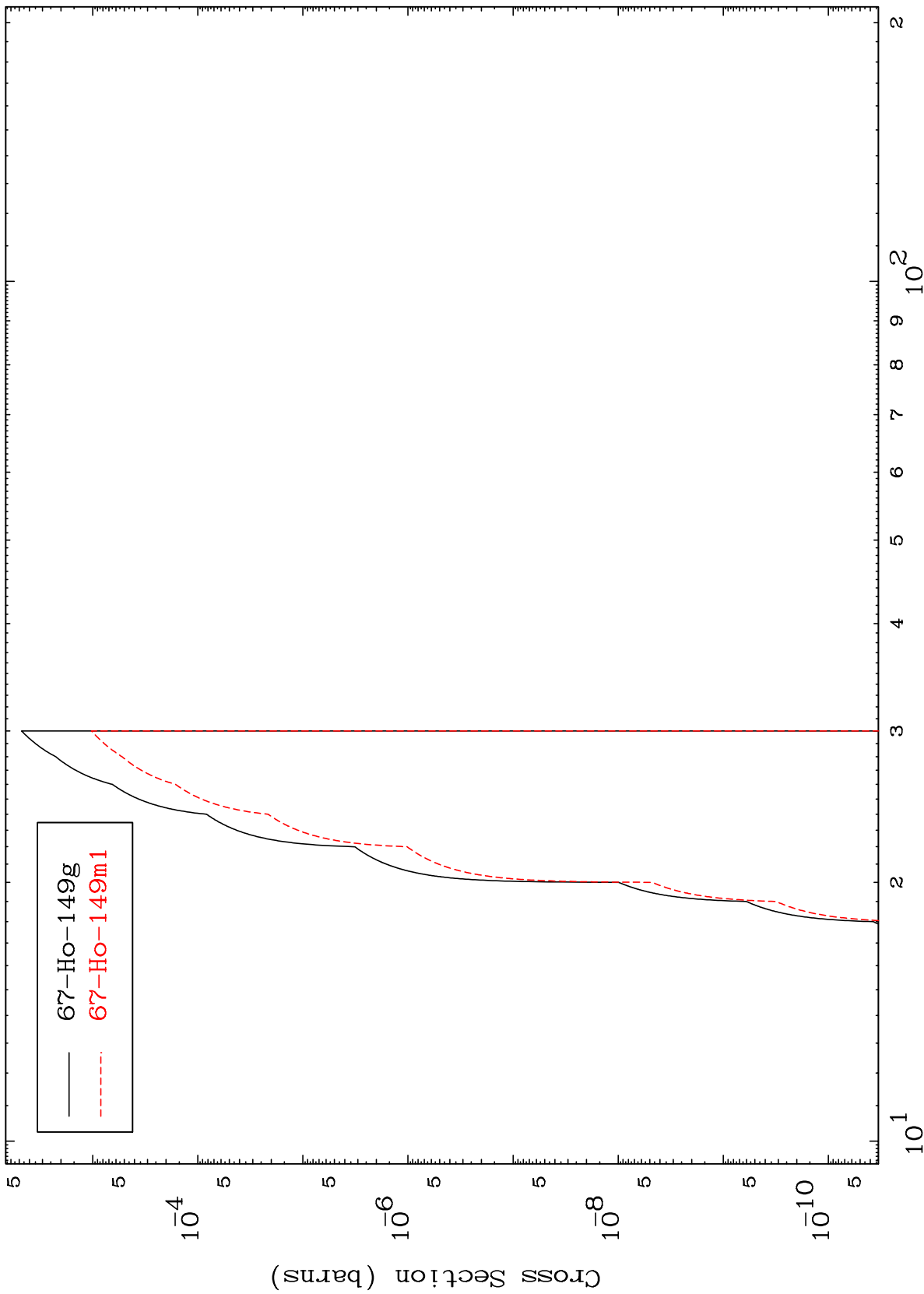
66-Dy-147g  
66-Dy-147m2

MAT 6792

(n,p) d

68-Er-151

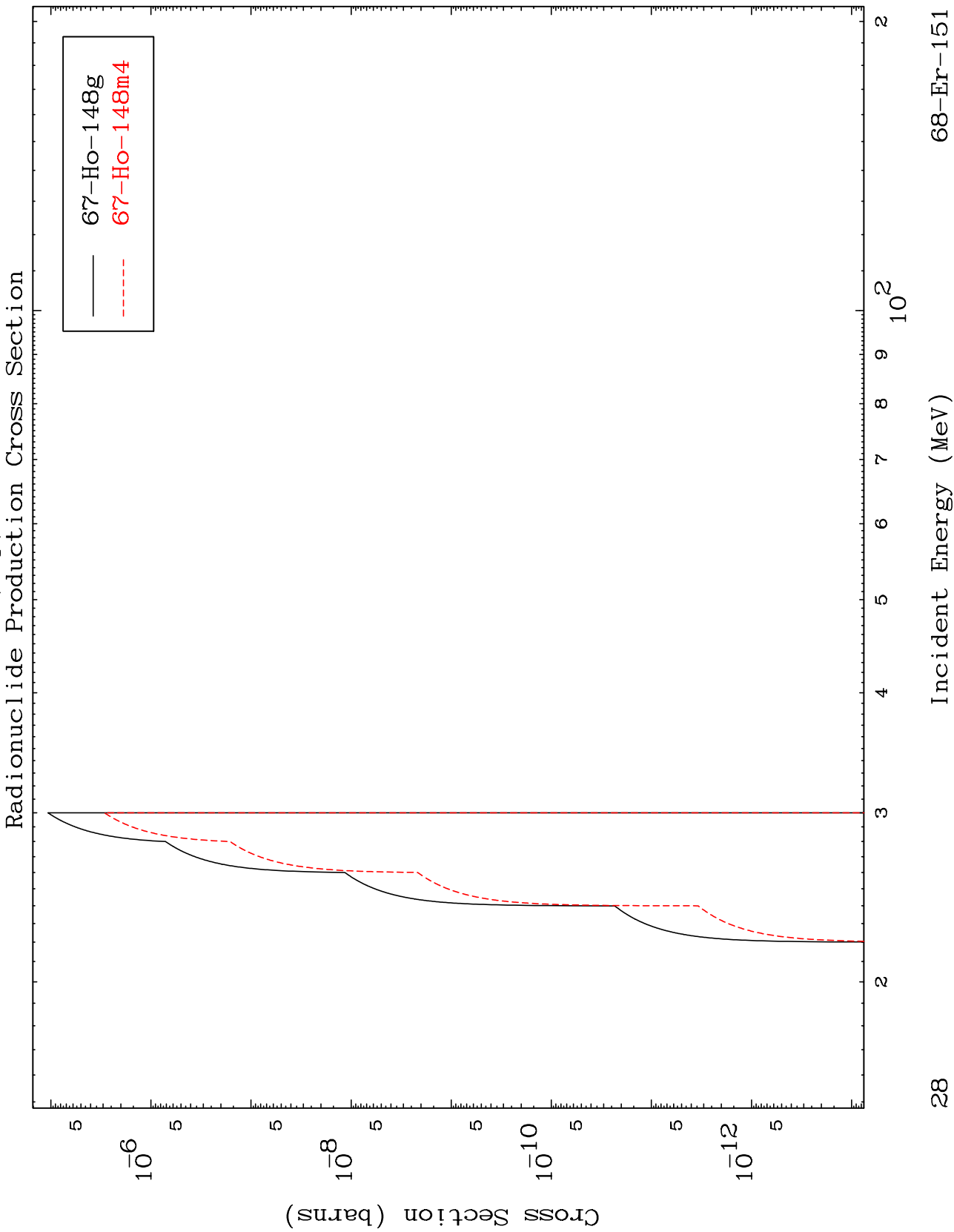
Radionuclide Production Cross Section



27

Incident Energy (MeV)

68-Er-151

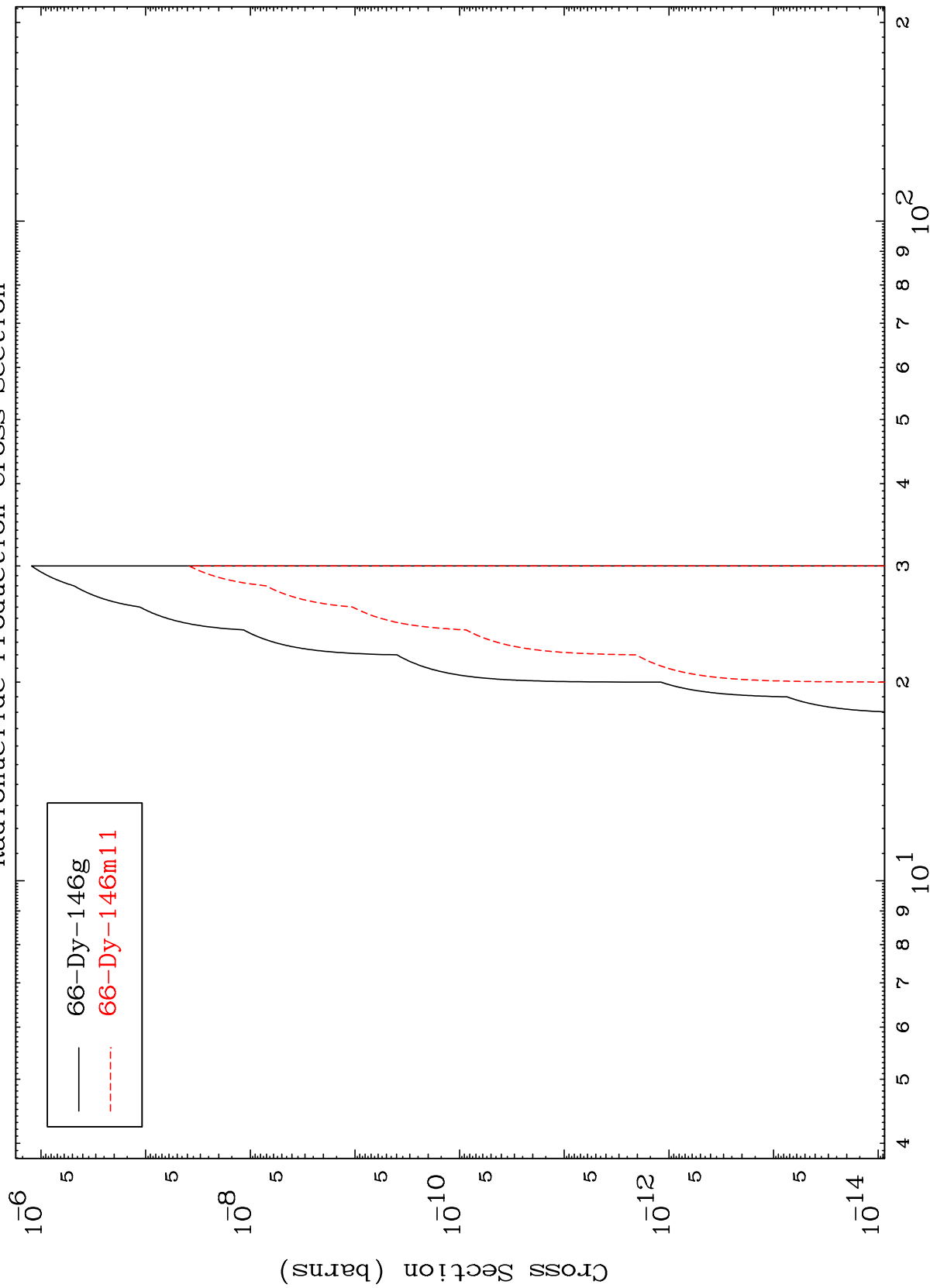


MAT 6792

(n,d)  $\alpha$

68-Er-151

Radionuclide Production Cross Section



— 66-Dy-146g  
- - - 66-Dy-146m11

29

Incident Energy (MeV)

68-Er-151