

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

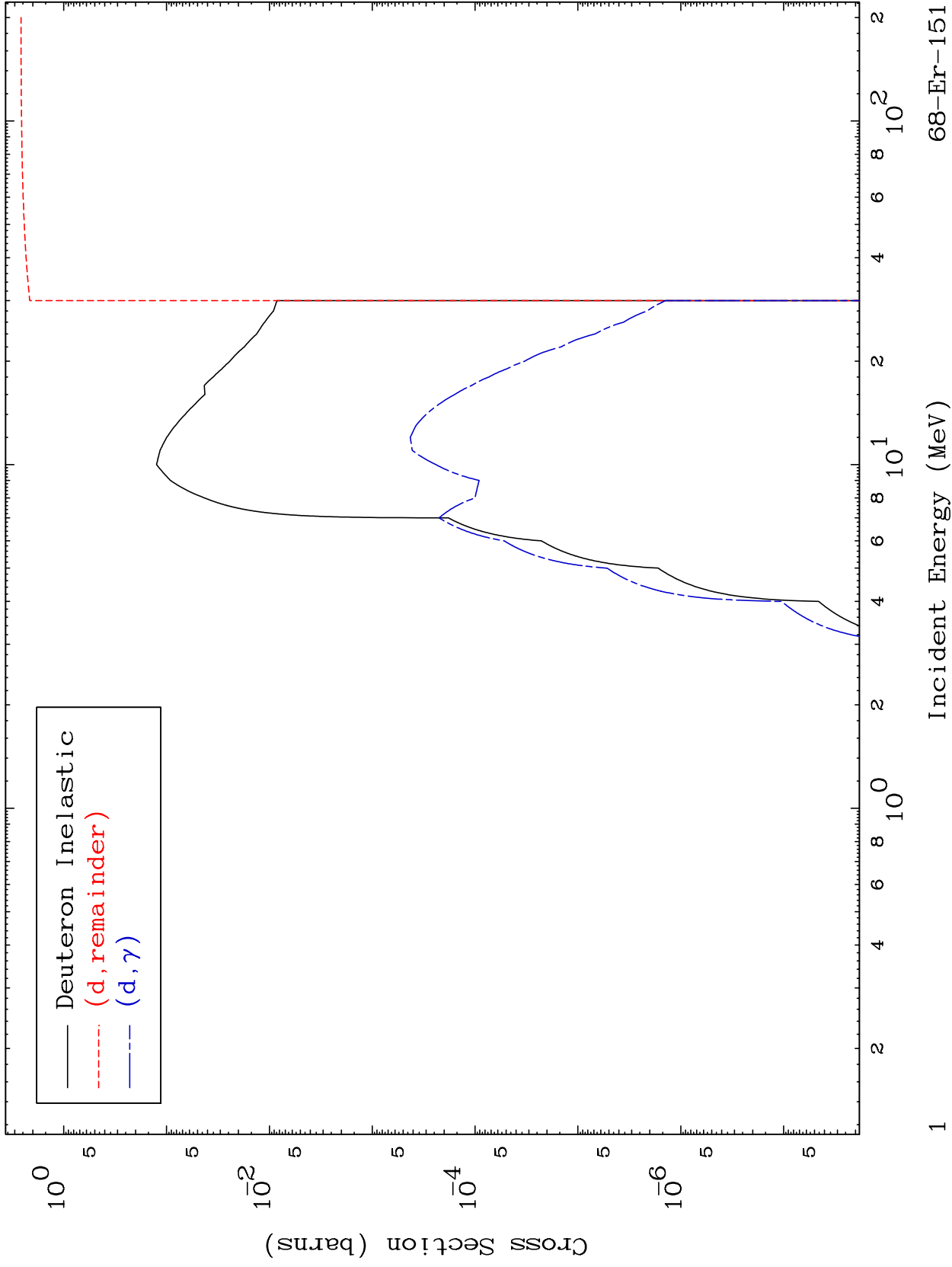
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

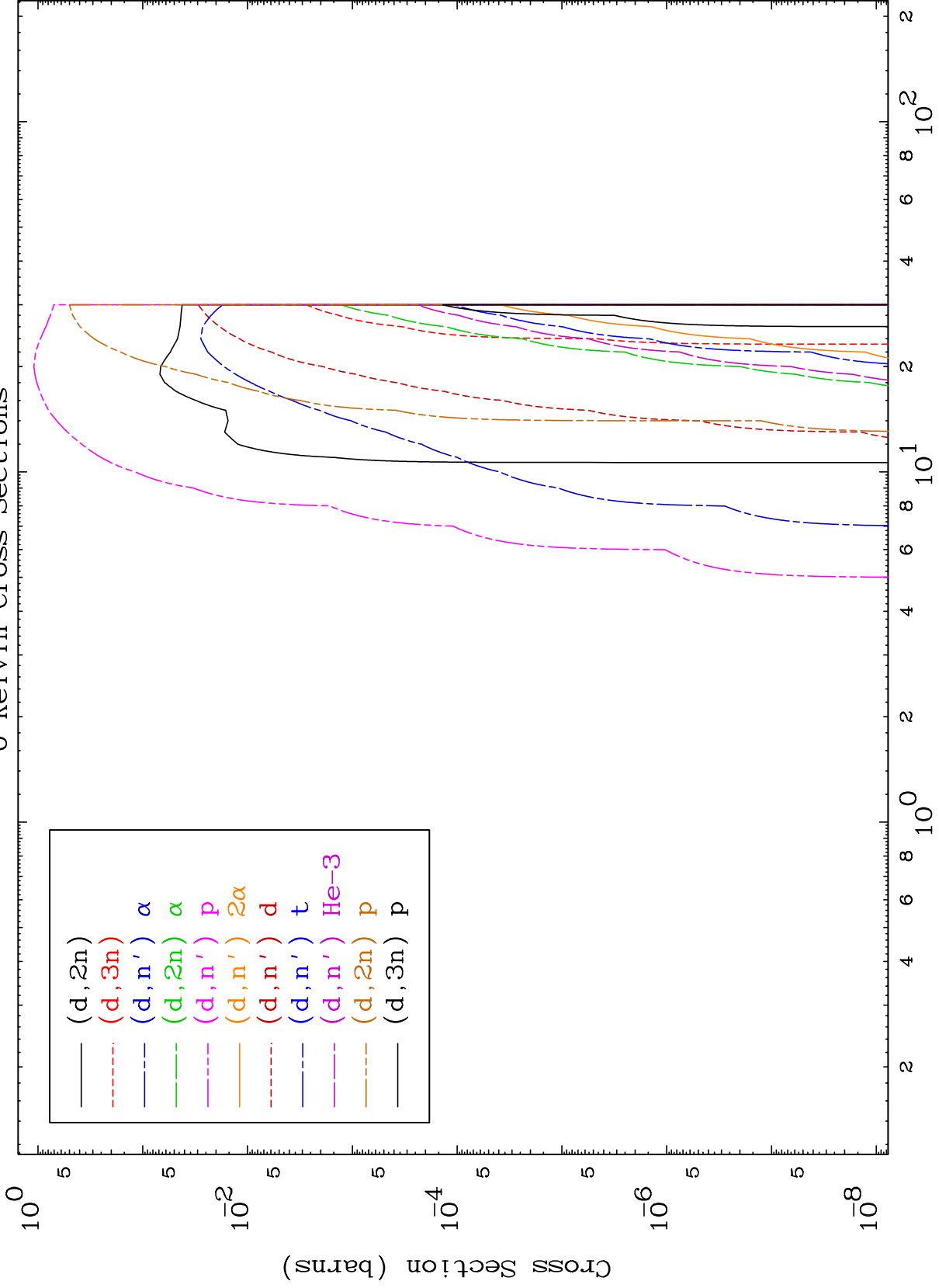
Tele: 925-443-1911

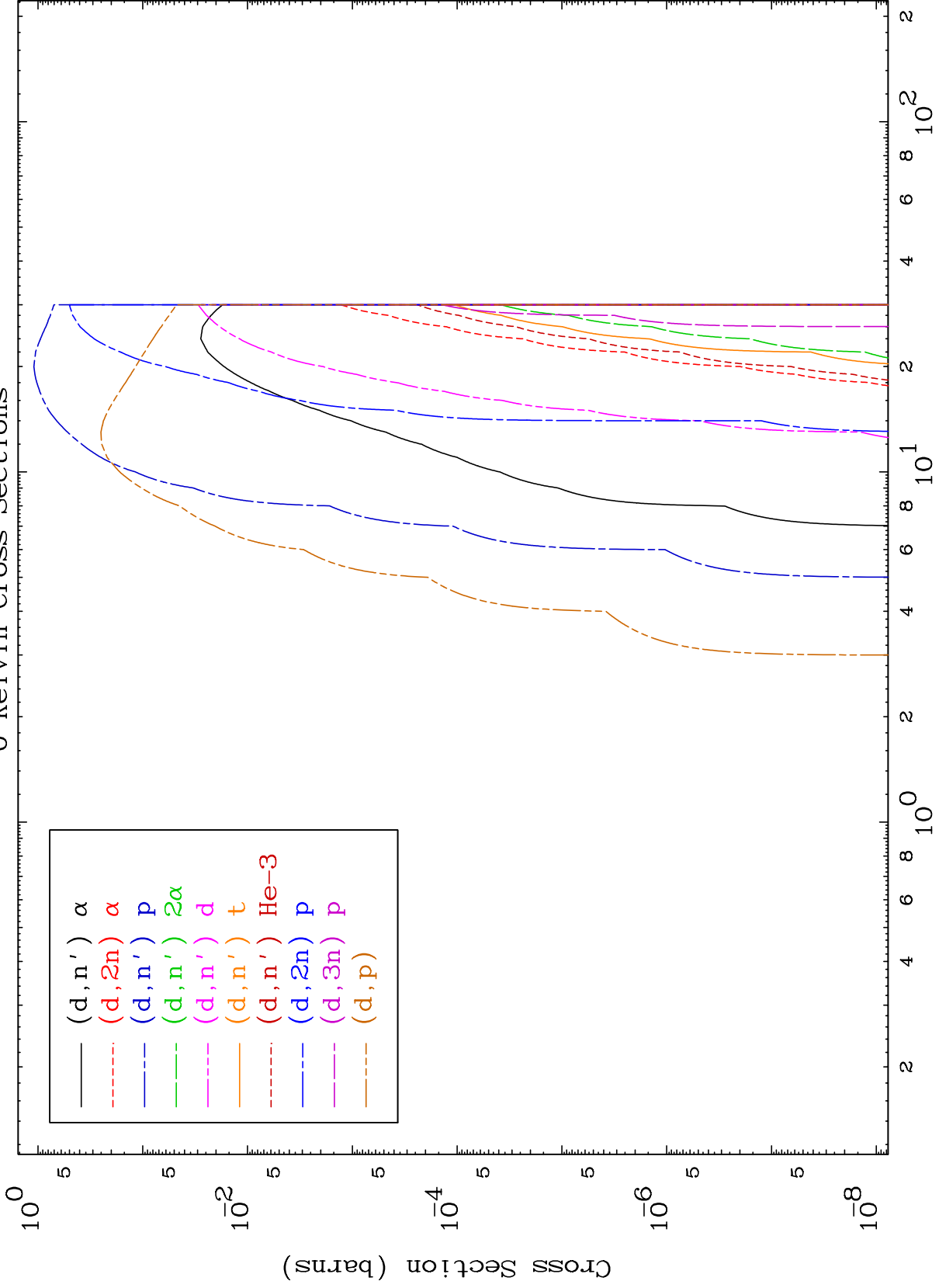
E.Mail:redcullen1@comcast.net

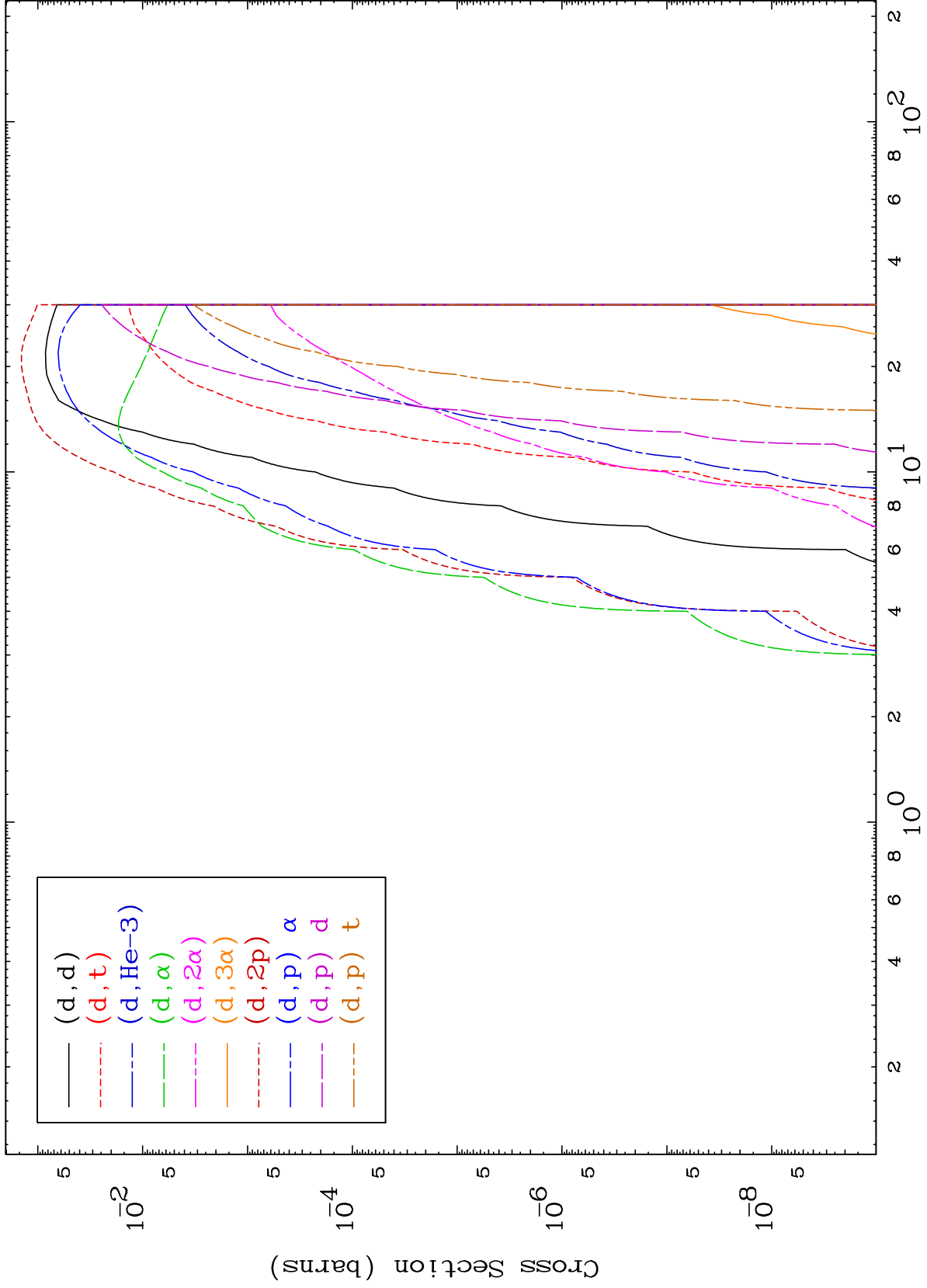
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Press Mouse Button to Start

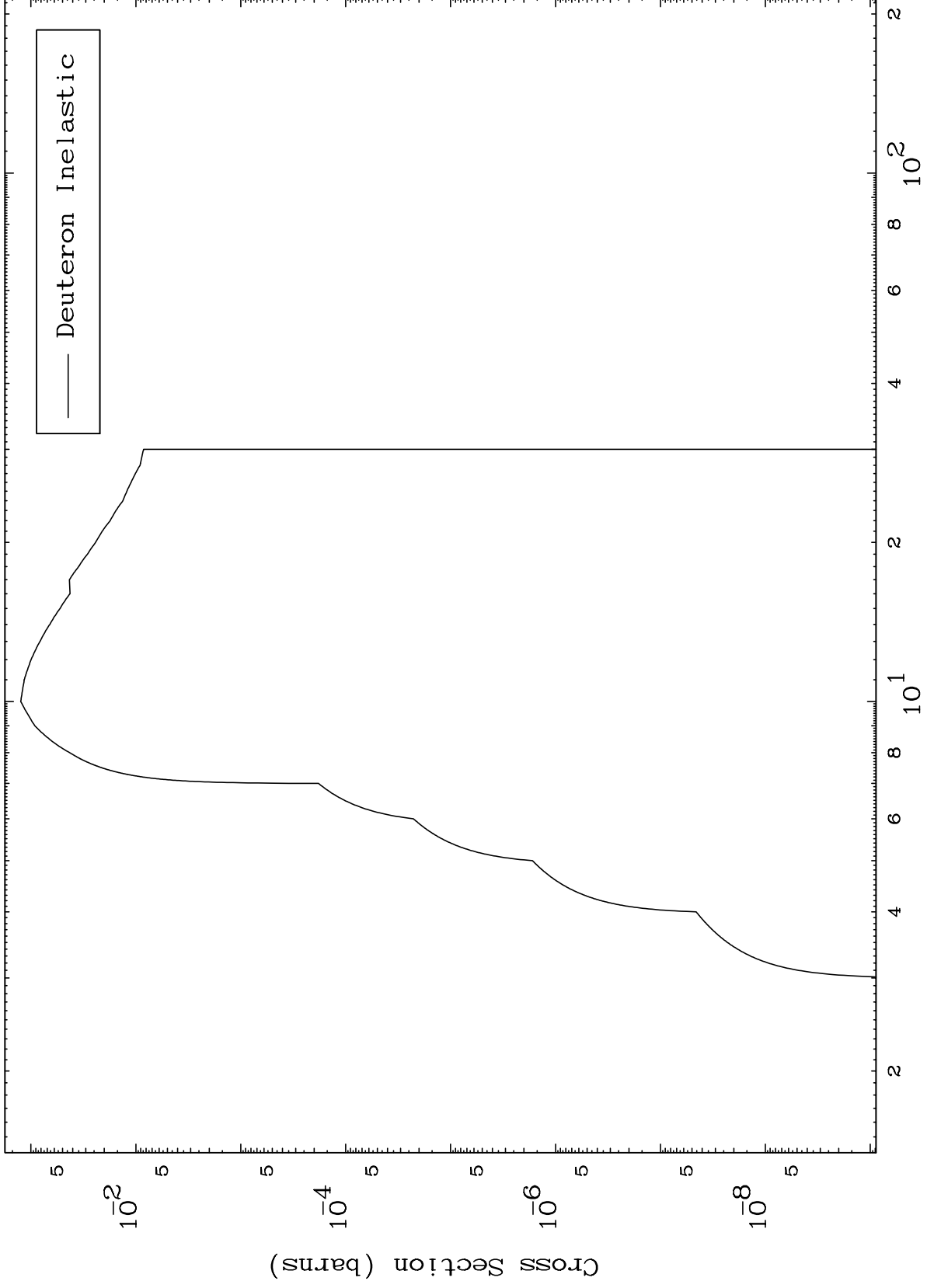








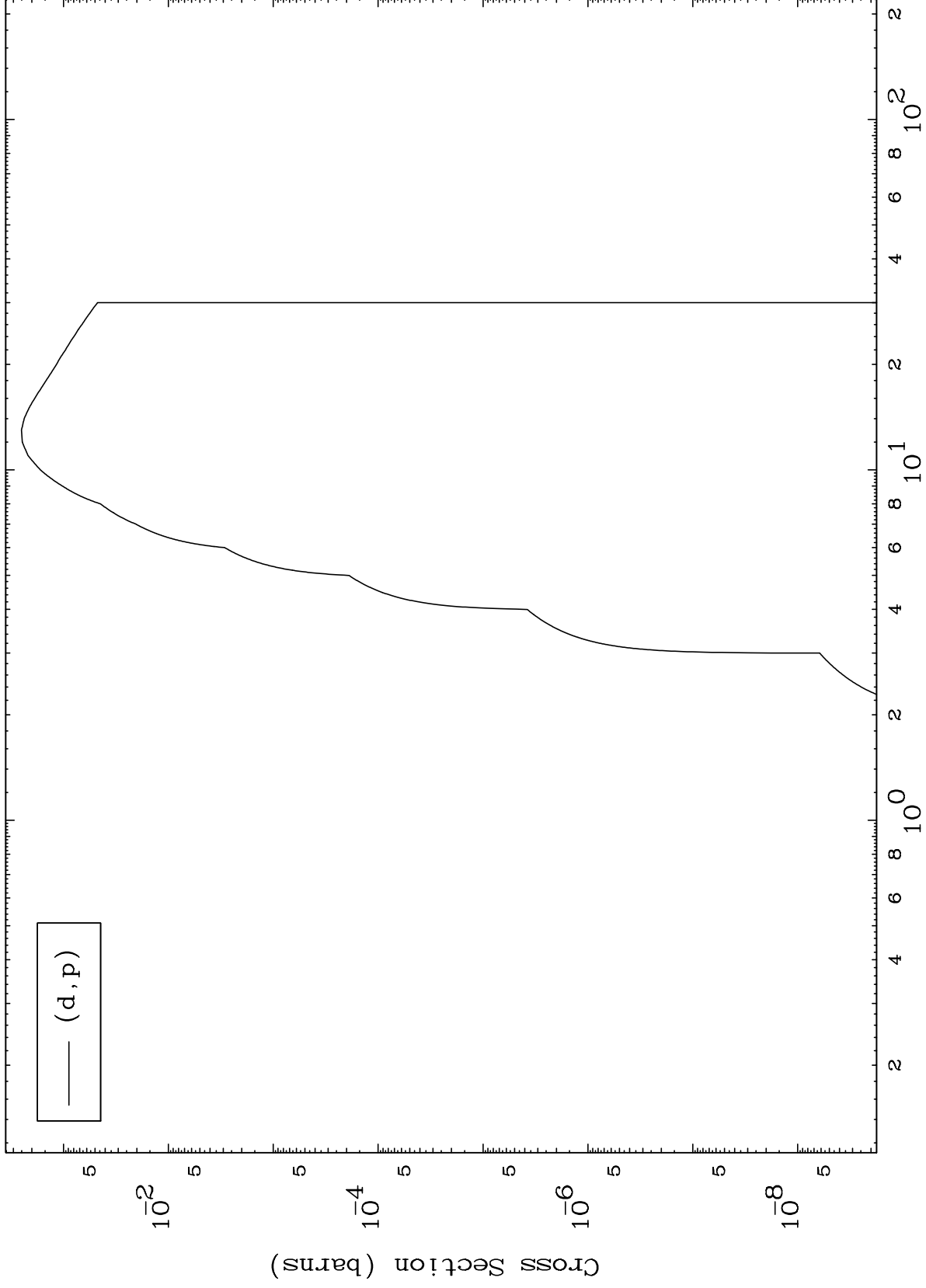
(d,n') Level
0 Kelvin Cross Sections



MAT 6792

(d,p) Levels
0 Kelvin Cross Sections

68-Er-151



6

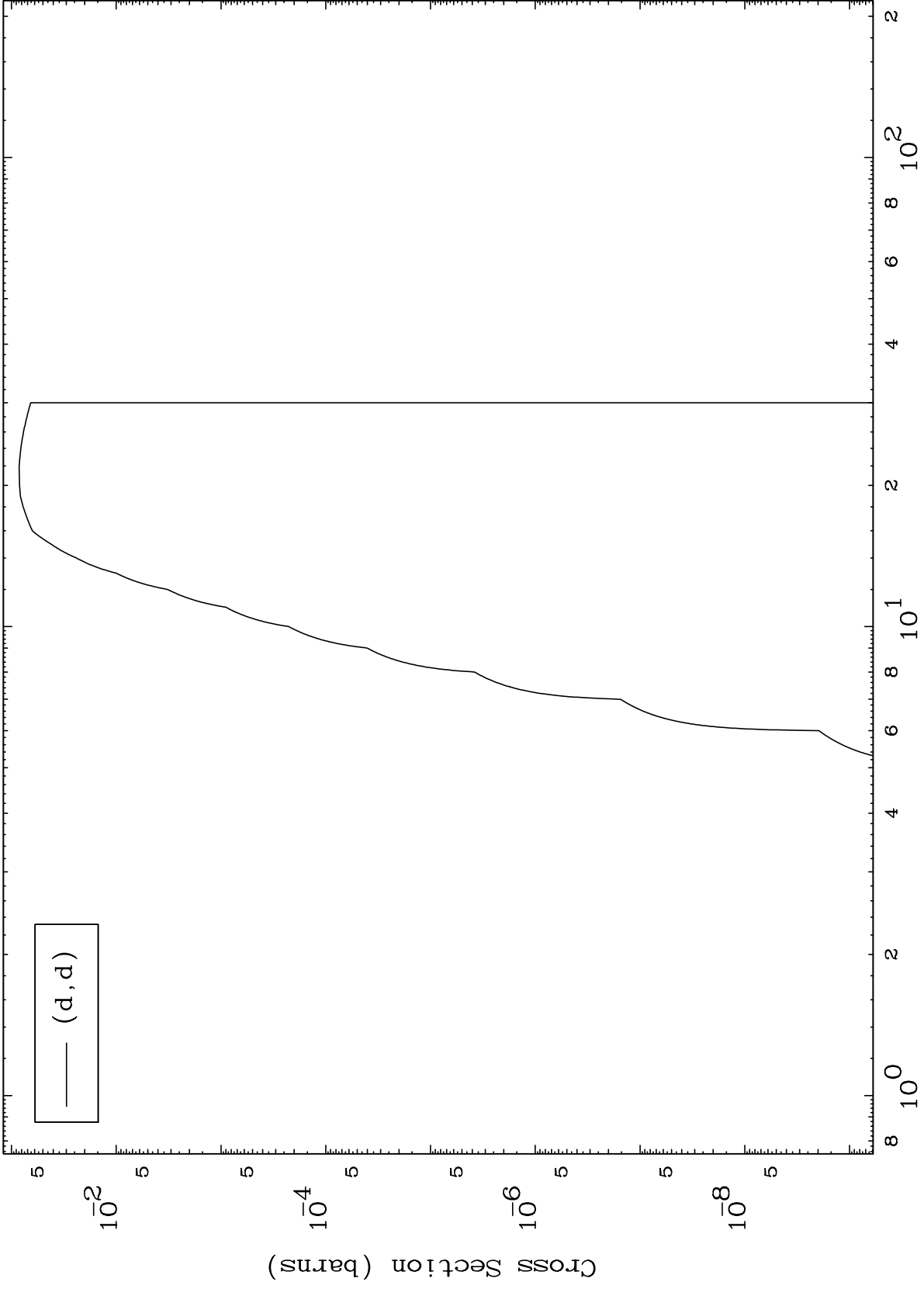
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

(d,d) Levels
0 Kelvin Cross Sections

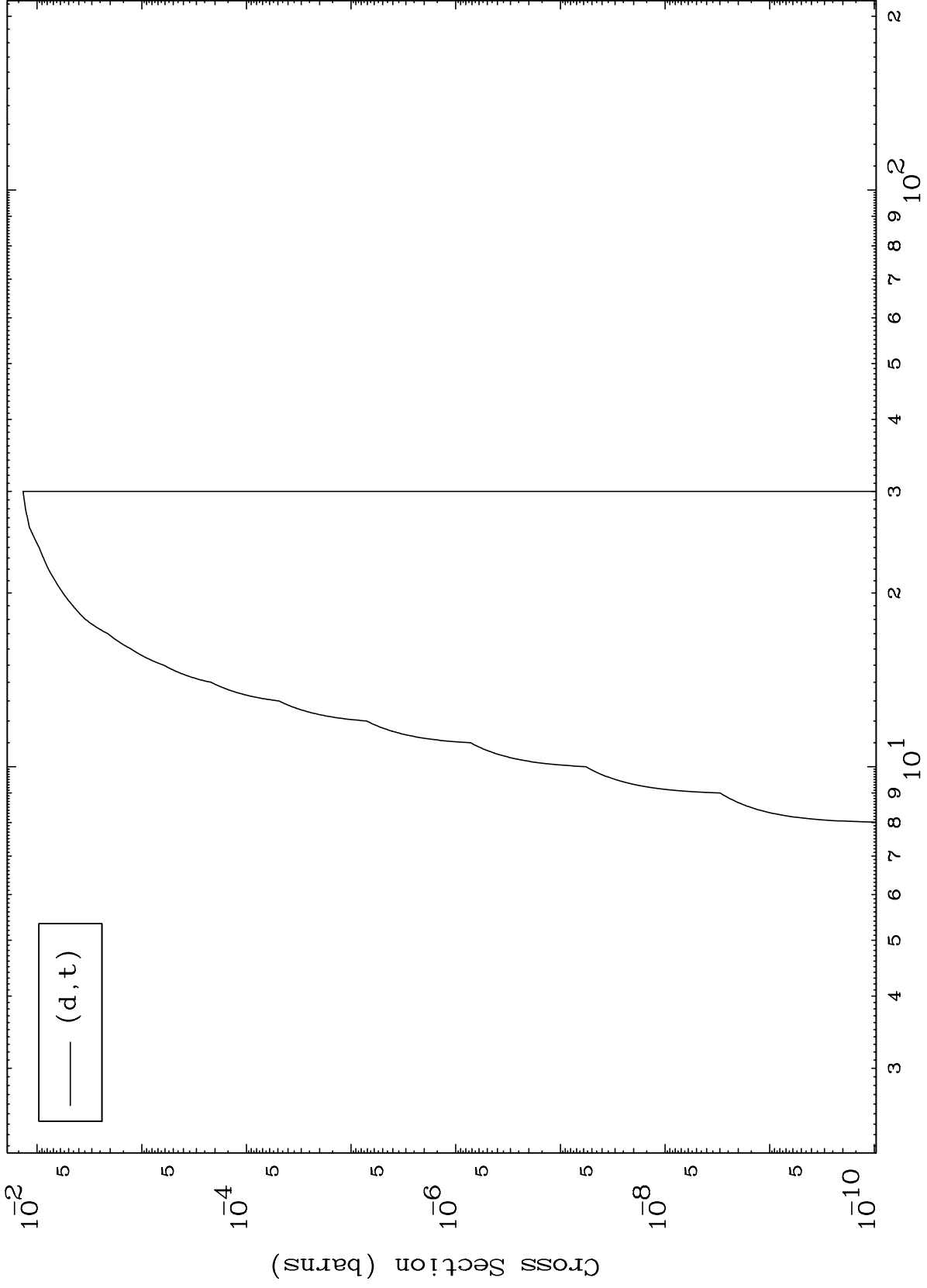


68-Er-151

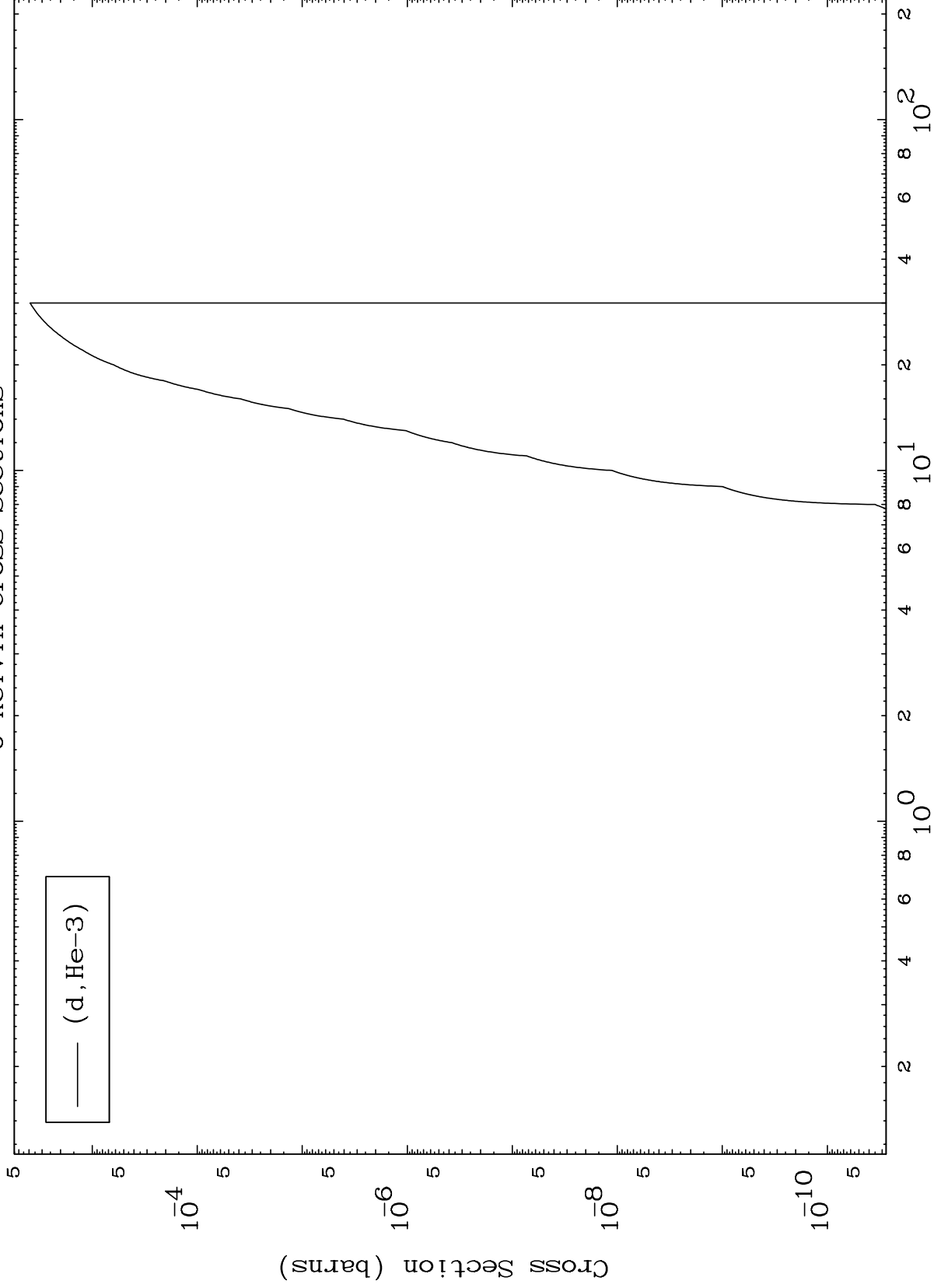
Incident Energy (MeV)

7

(d,t) Levels
0 Kelvin Cross Sections



0 Kelvin Cross Sections

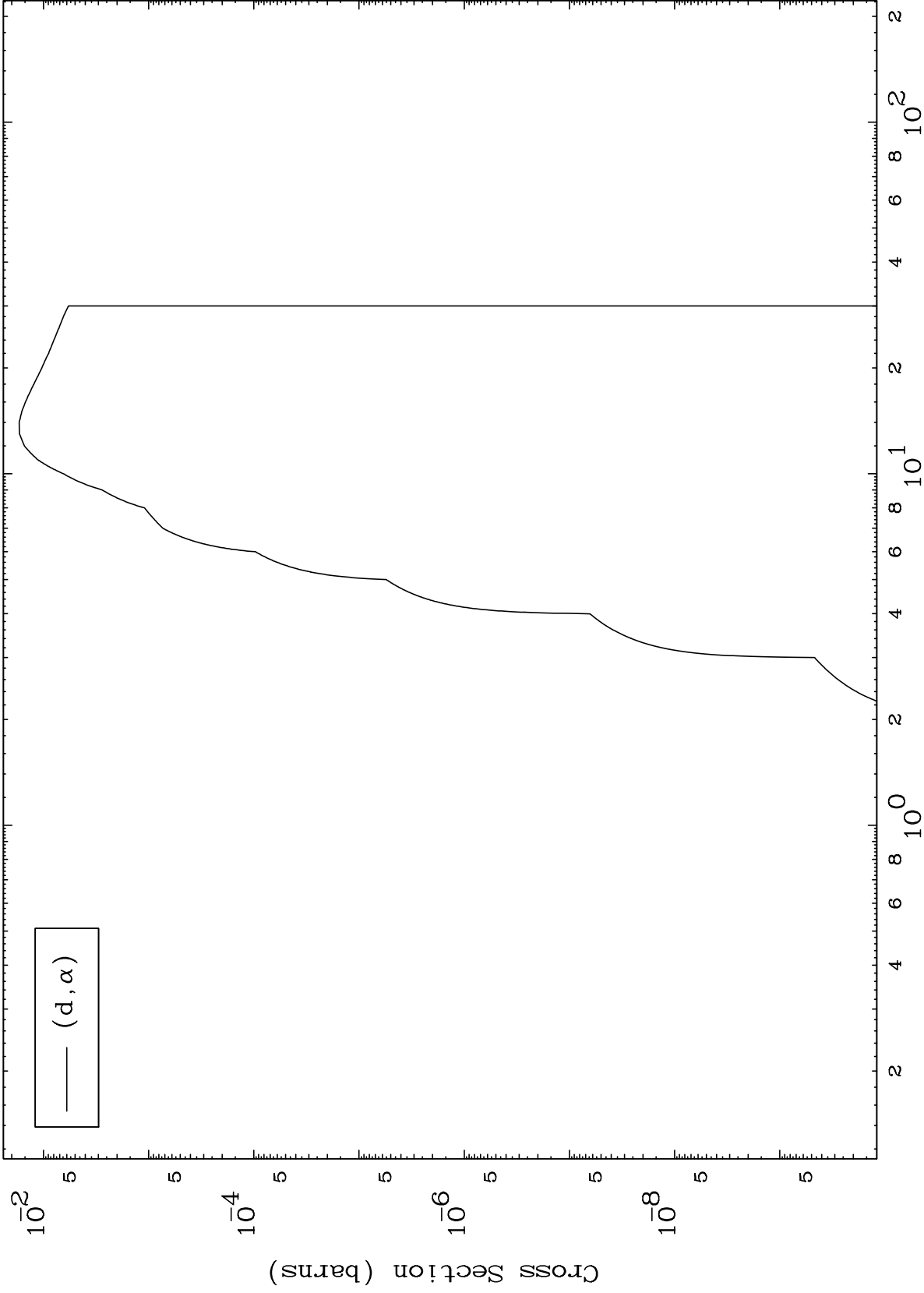


MAT 6792

(d, α) Levels

68-Er-151

0 Kelvin Cross Sections



(d, α)

10

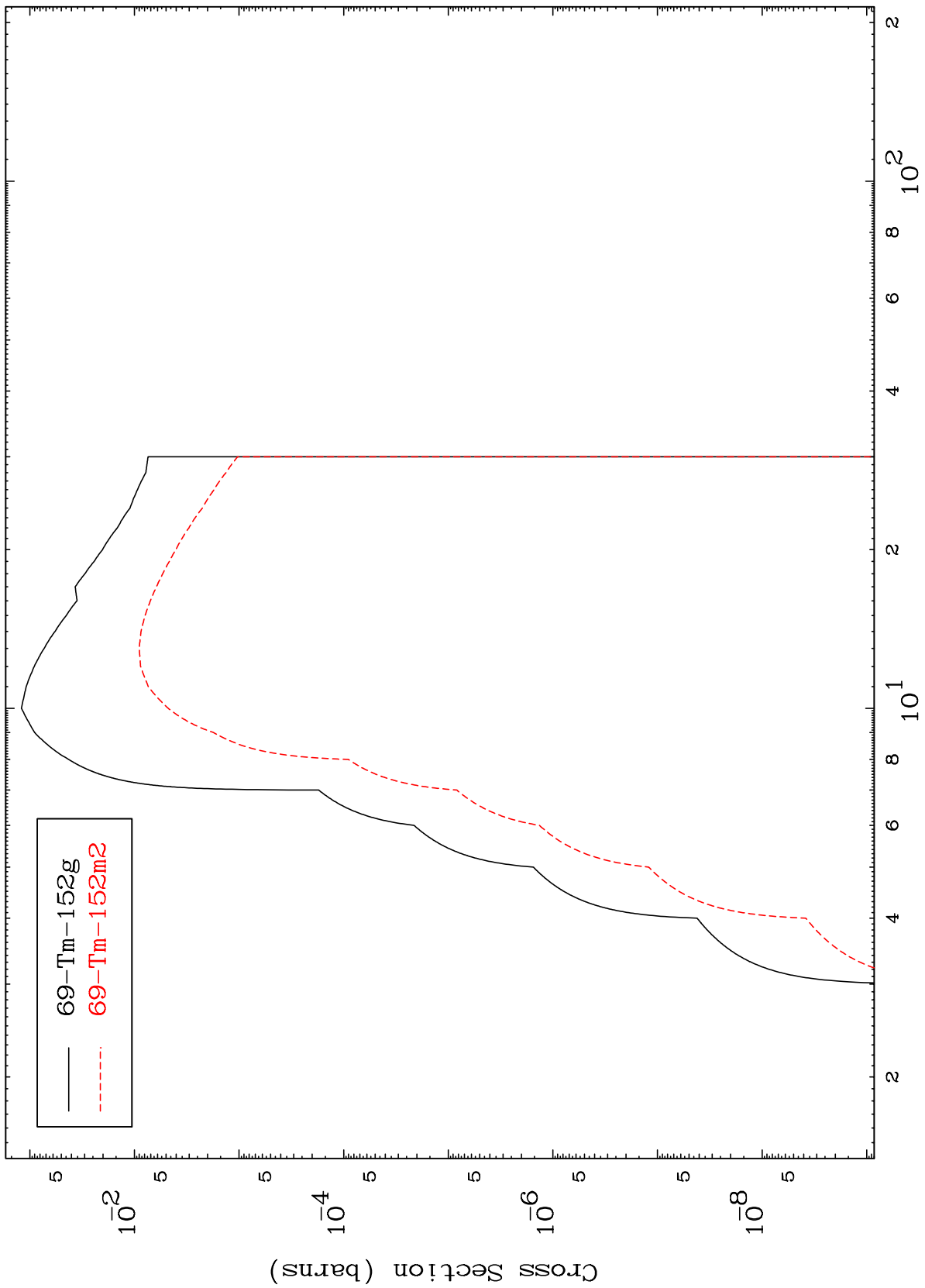
Incident Energy (MeV)

68-Er-151

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68-Er-151

Deuteron Inelastic
Radionuclide Production Cross Section



11

68-Er-151

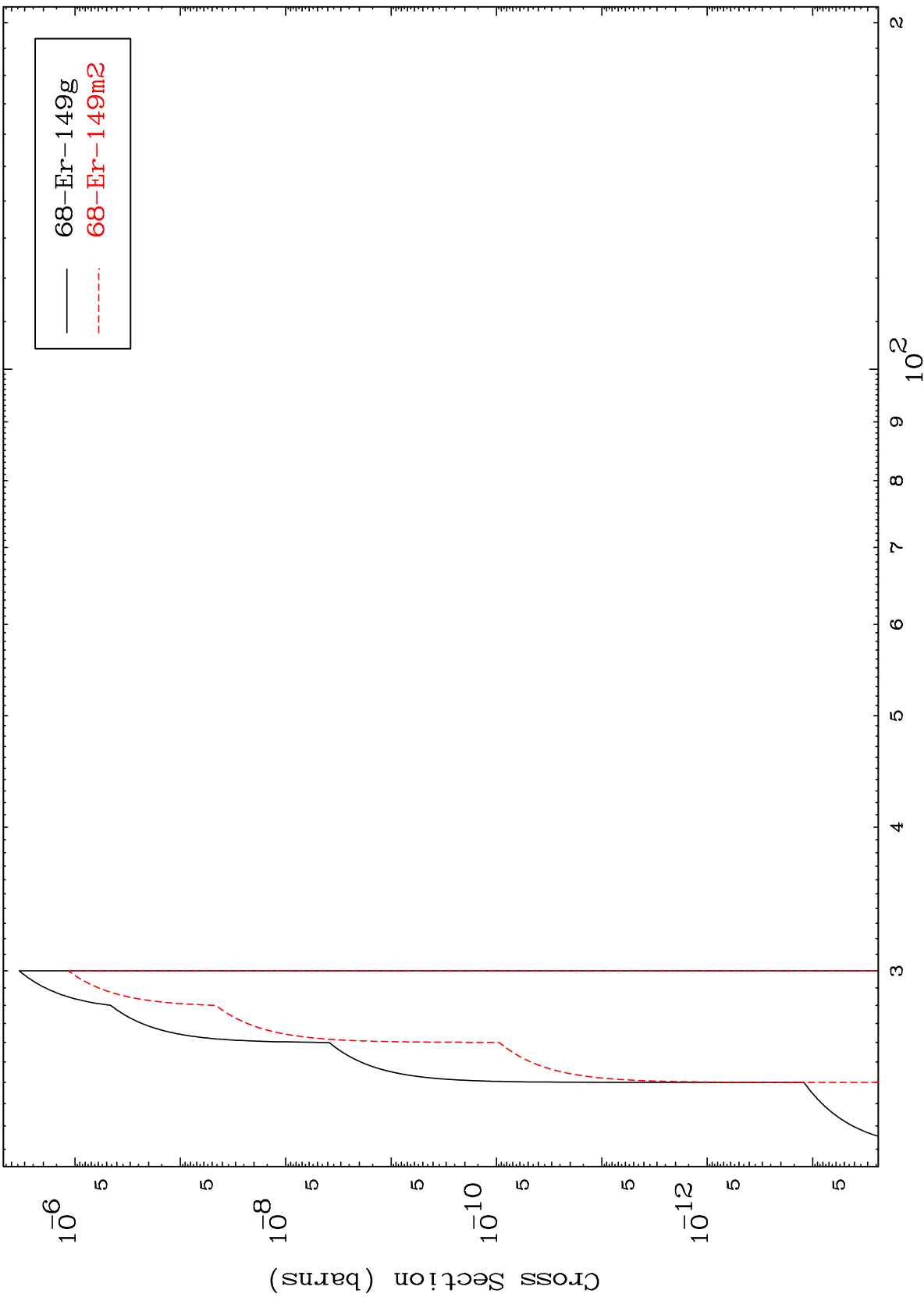
Incident Energy (MeV)

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(d,2n) d

68-Er-151

Radionuclide Production Cross Section



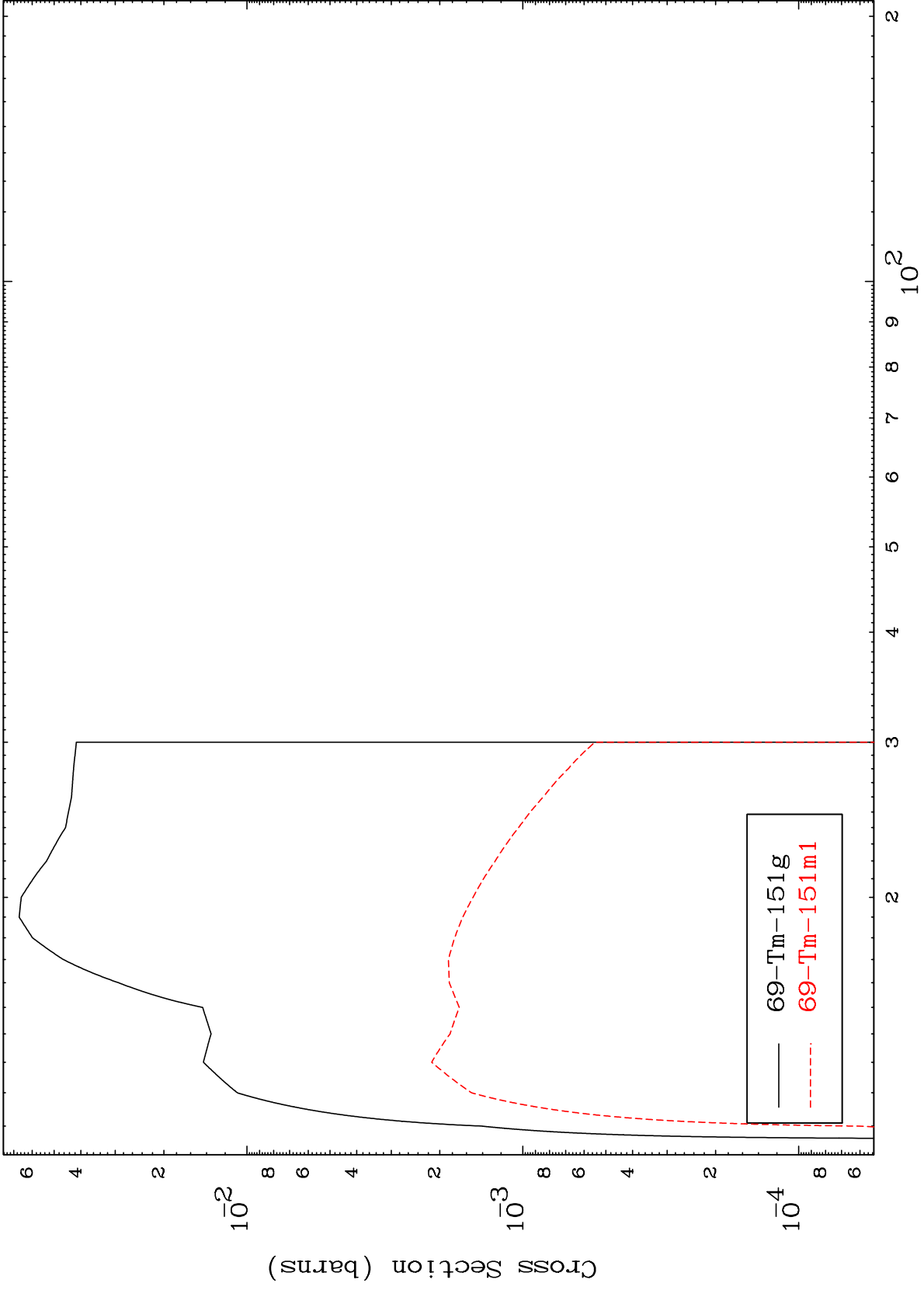
68-Er-149g
68-Er-149m2

12

Incident Energy (MeV)

68-Er-151

Radionuclide Production Cross Section
(d,2n)

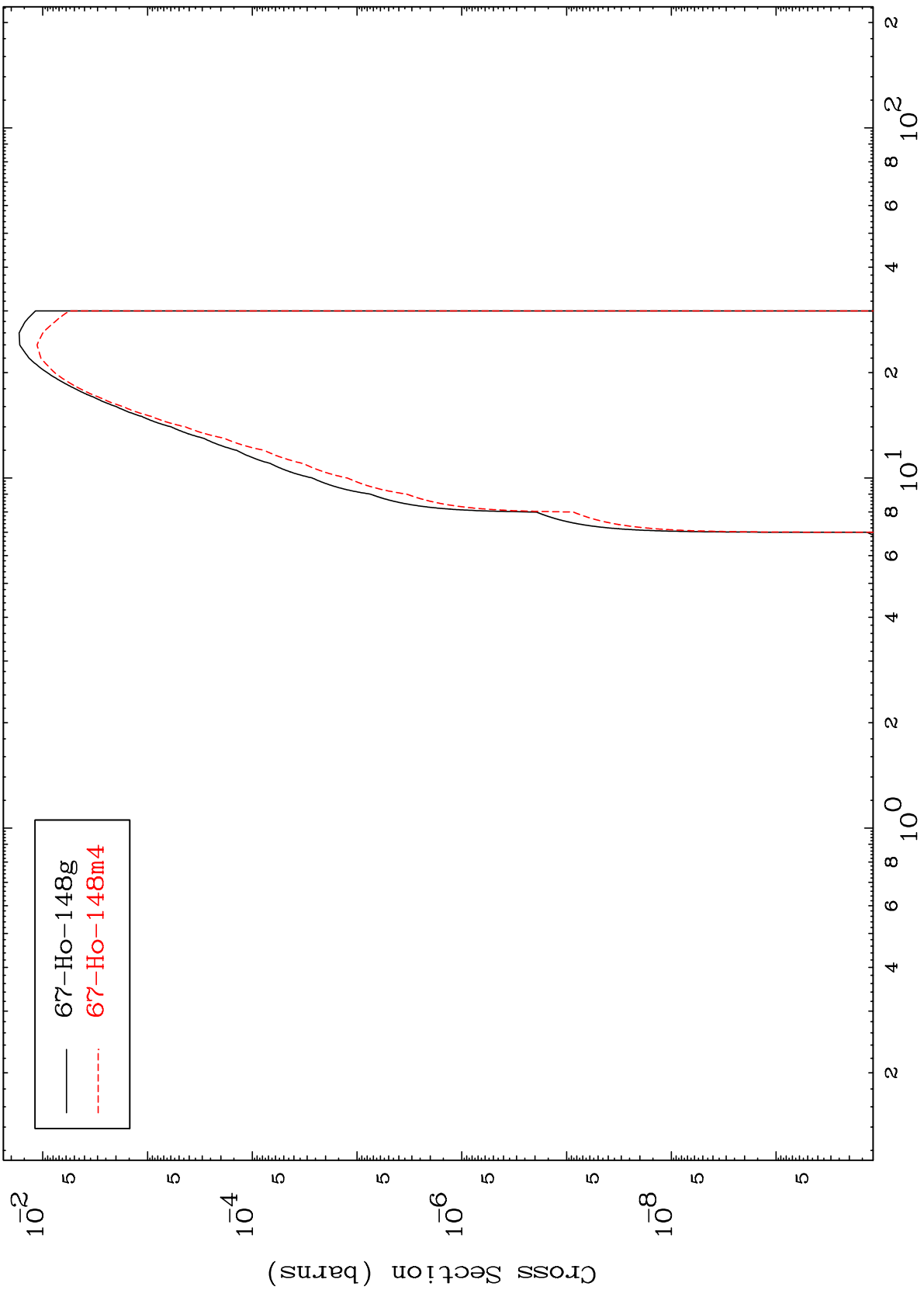


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(d,n') α

68-Er-151

Radionuclide Production Cross Section



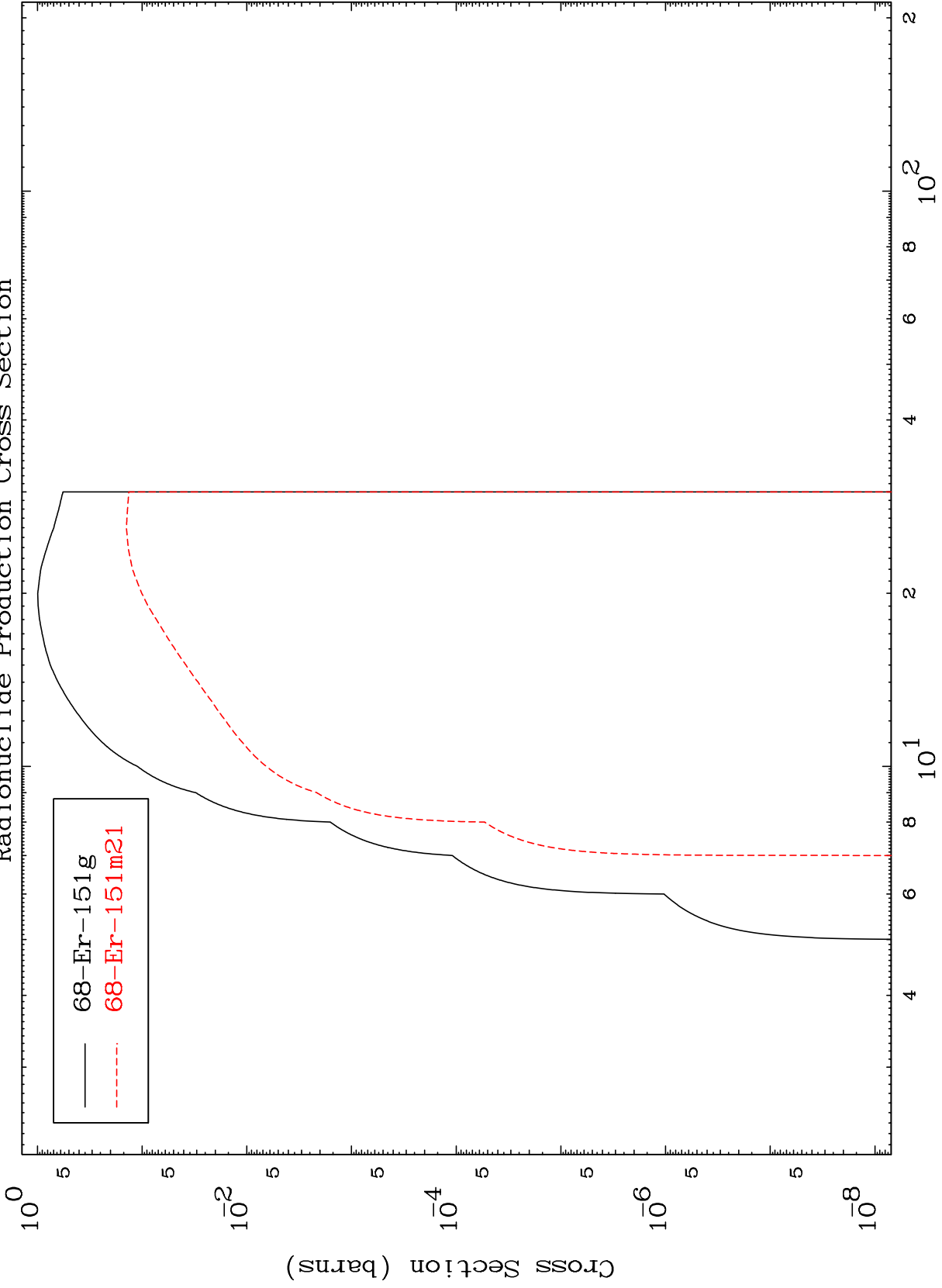
— 67-Ho-148g
- - - 67-Ho-148m4

MAT 6792

(d,n') p

68-Er-151

Radionuclide Production Cross Section



15

Incident Energy (MeV)

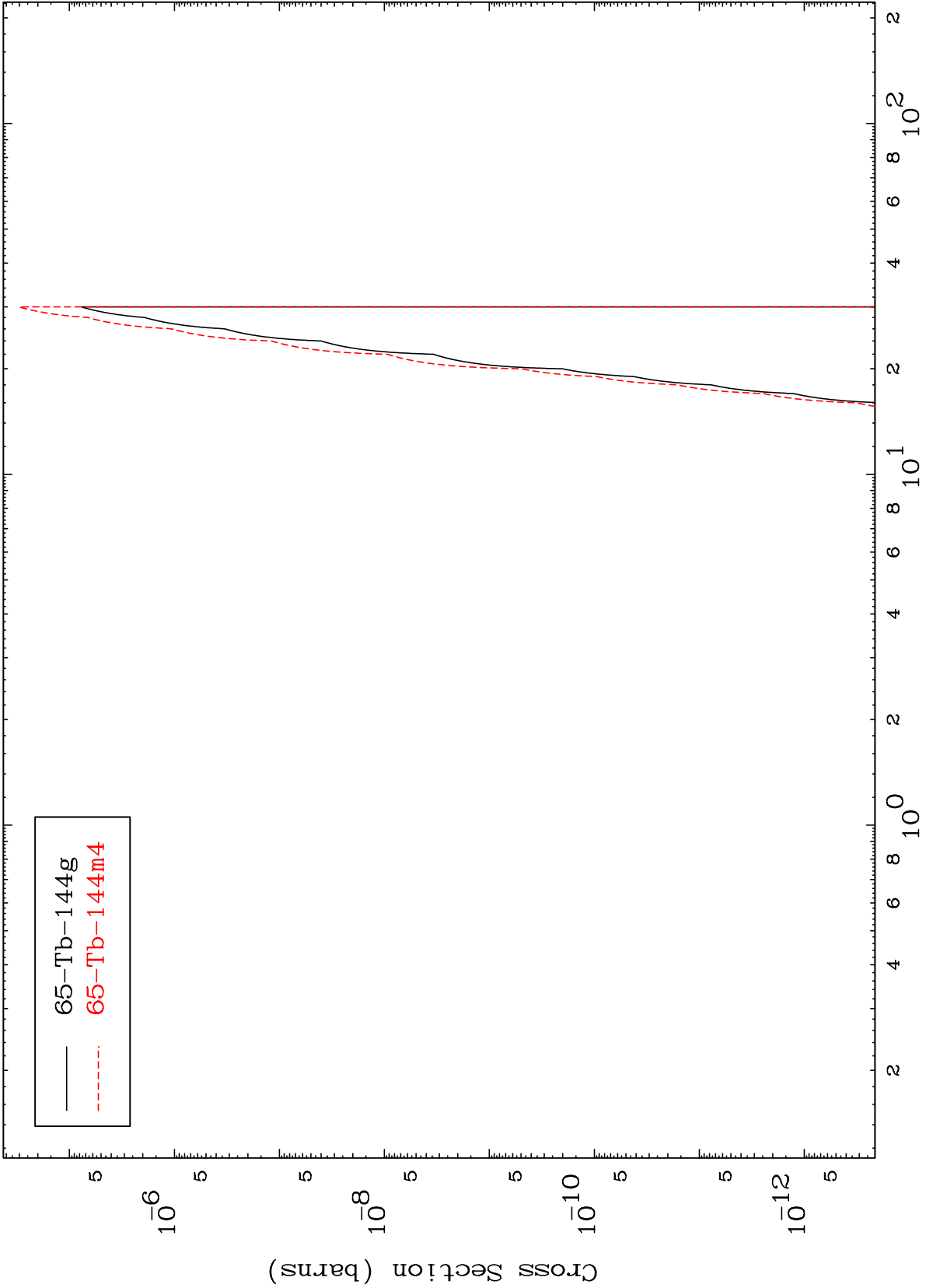
68-Er-151

MAT 6792

(d,n') 2 α

68-Er-151

Radionuclide Production Cross Section

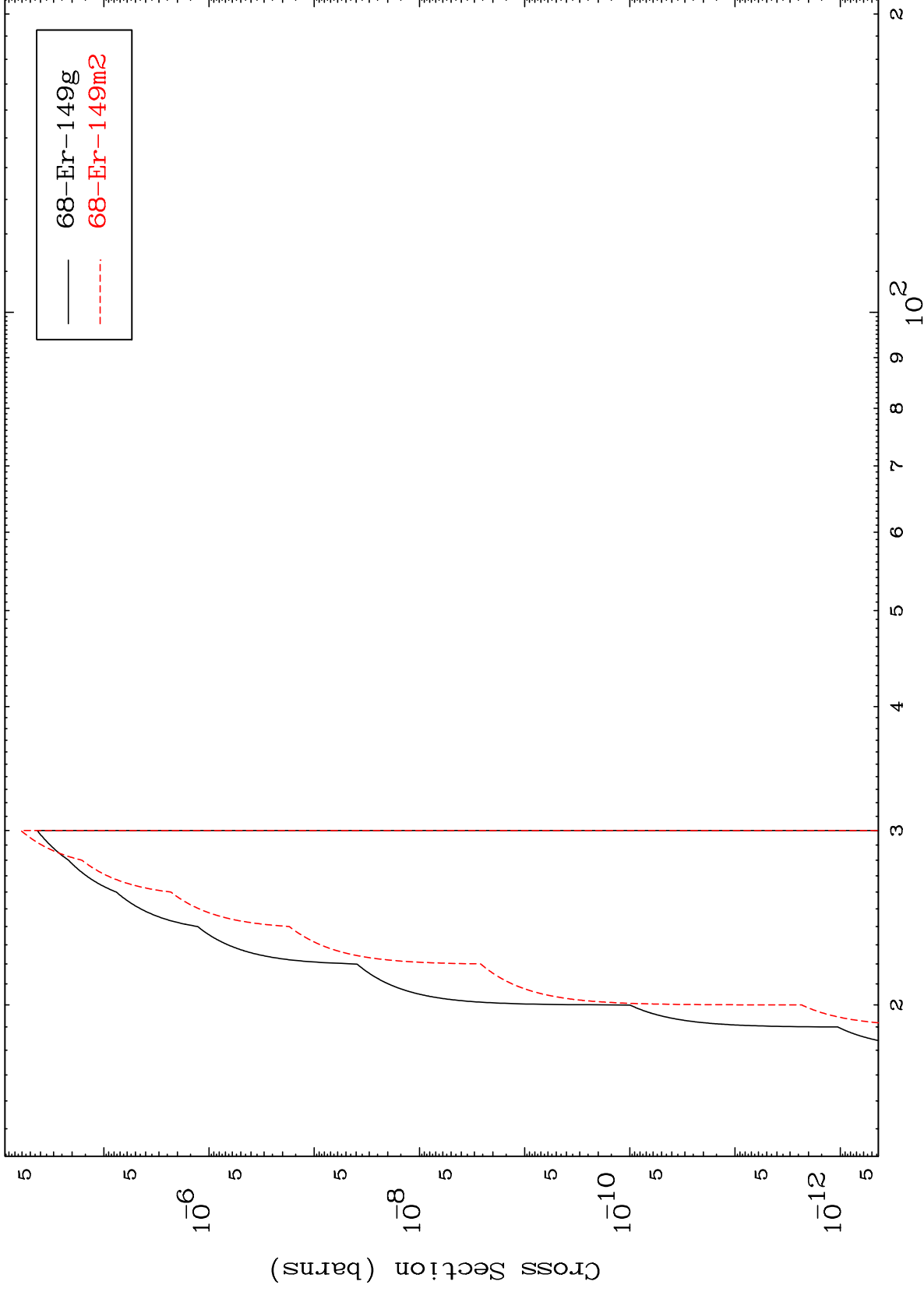


MAT 6792

(d,n') t

68-Er-151

Radionuclide Production Cross Section



17

Incident Energy (MeV)

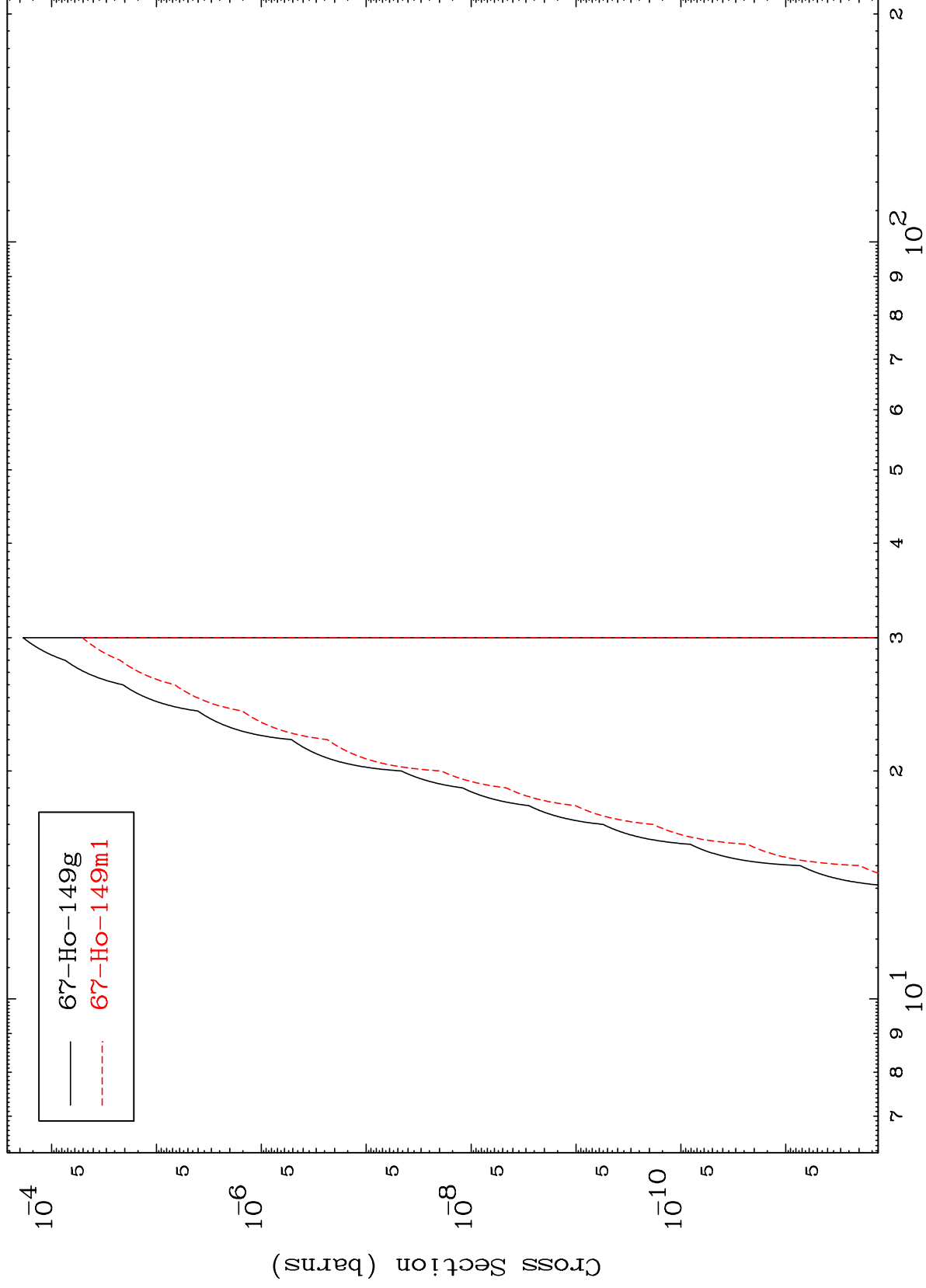
68-Er-151

MAT 6792

(d,n') He-3

68-Er-151

Radionuclide Production Cross Section



18

Incident Energy (MeV)

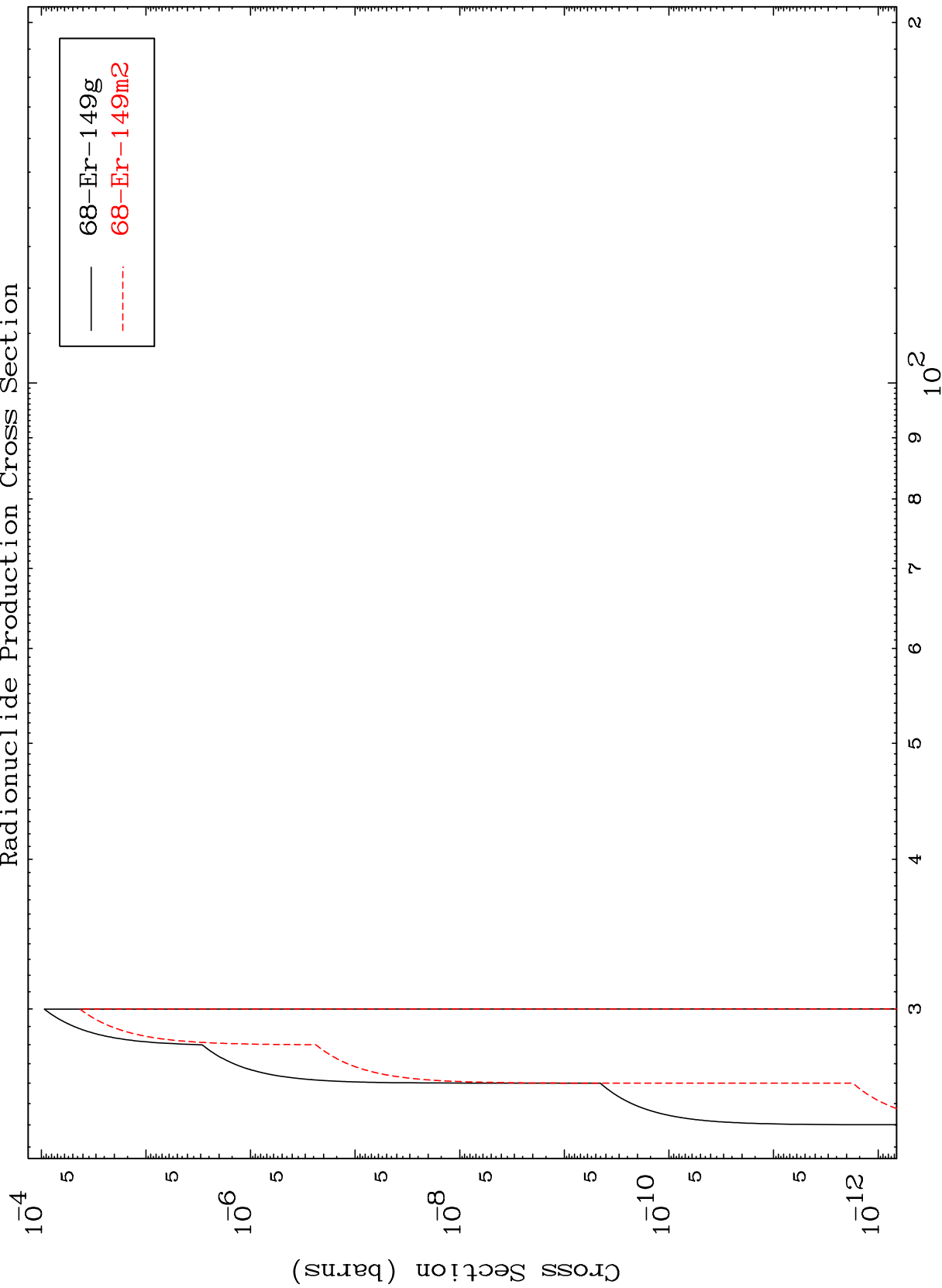
68-Er-151

MAT 6792

(d,3n) p

68-Er-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

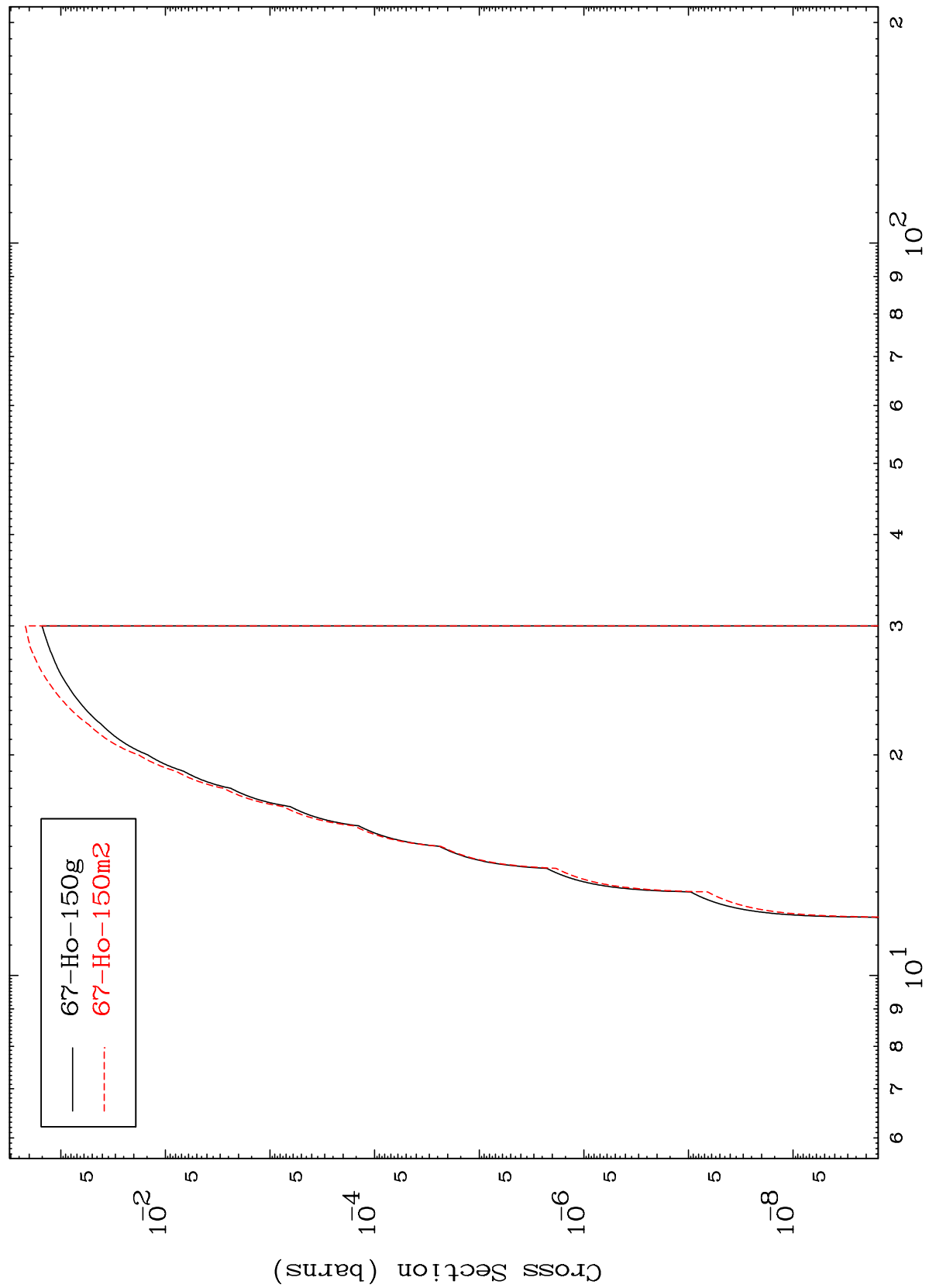
68-Er-151

MAT 6792

(d,2n) p

68-Er-151

Radionuclide Production Cross Section



20

Incident Energy (MeV)

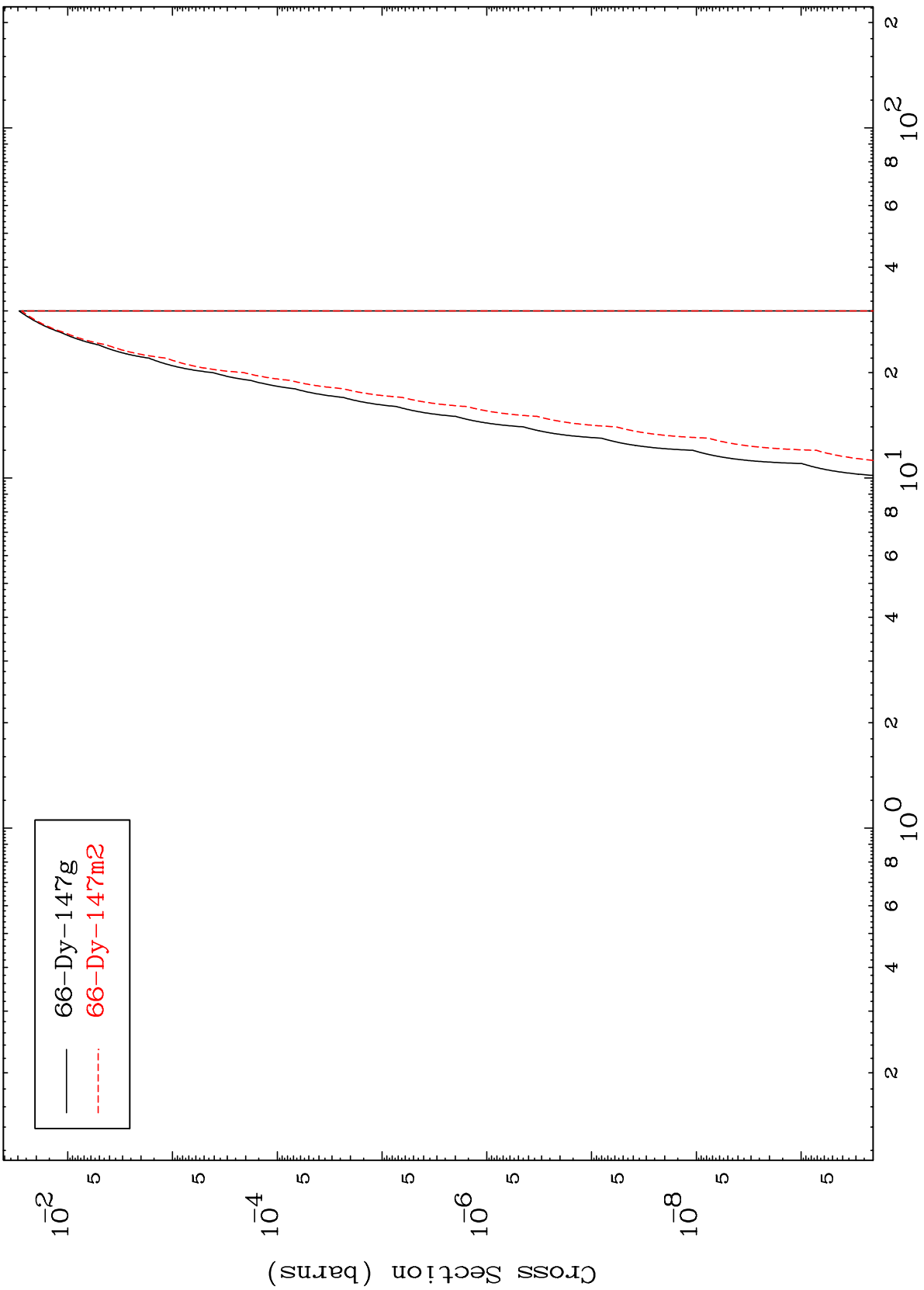
68-Er-151

MAT 6792

(d,n') p α

68-Er-151

Radionuclide Production Cross Section

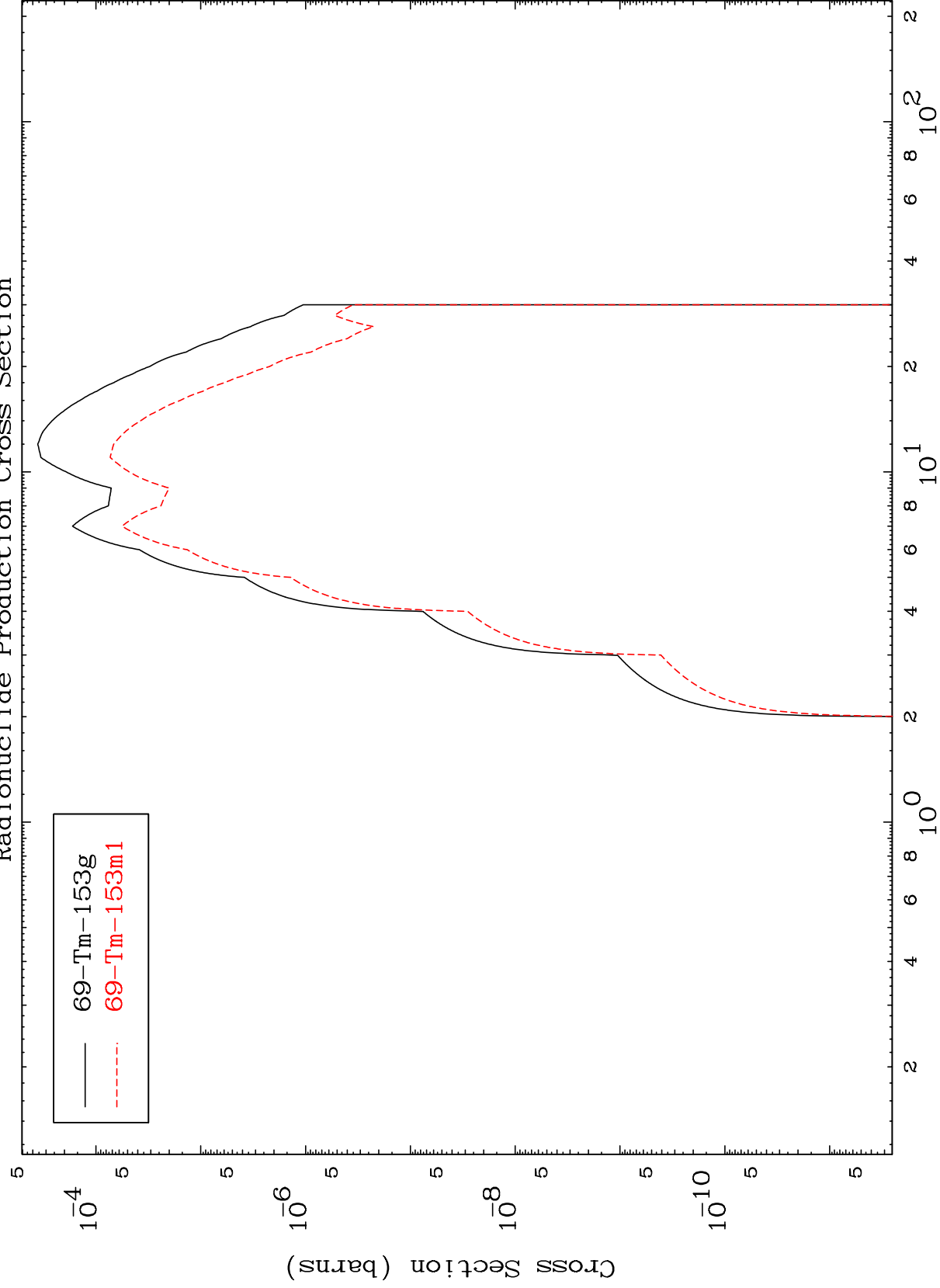


— 66-Dy-147g
- - - 66-Dy-147m2

MAT 6792

68-Er-151

(d, γ)
Radionuclide Production Cross Section



— 69-Tm-153g
- - - 69-Tm-153m1

68-Er-151

Incident Energy (MeV)

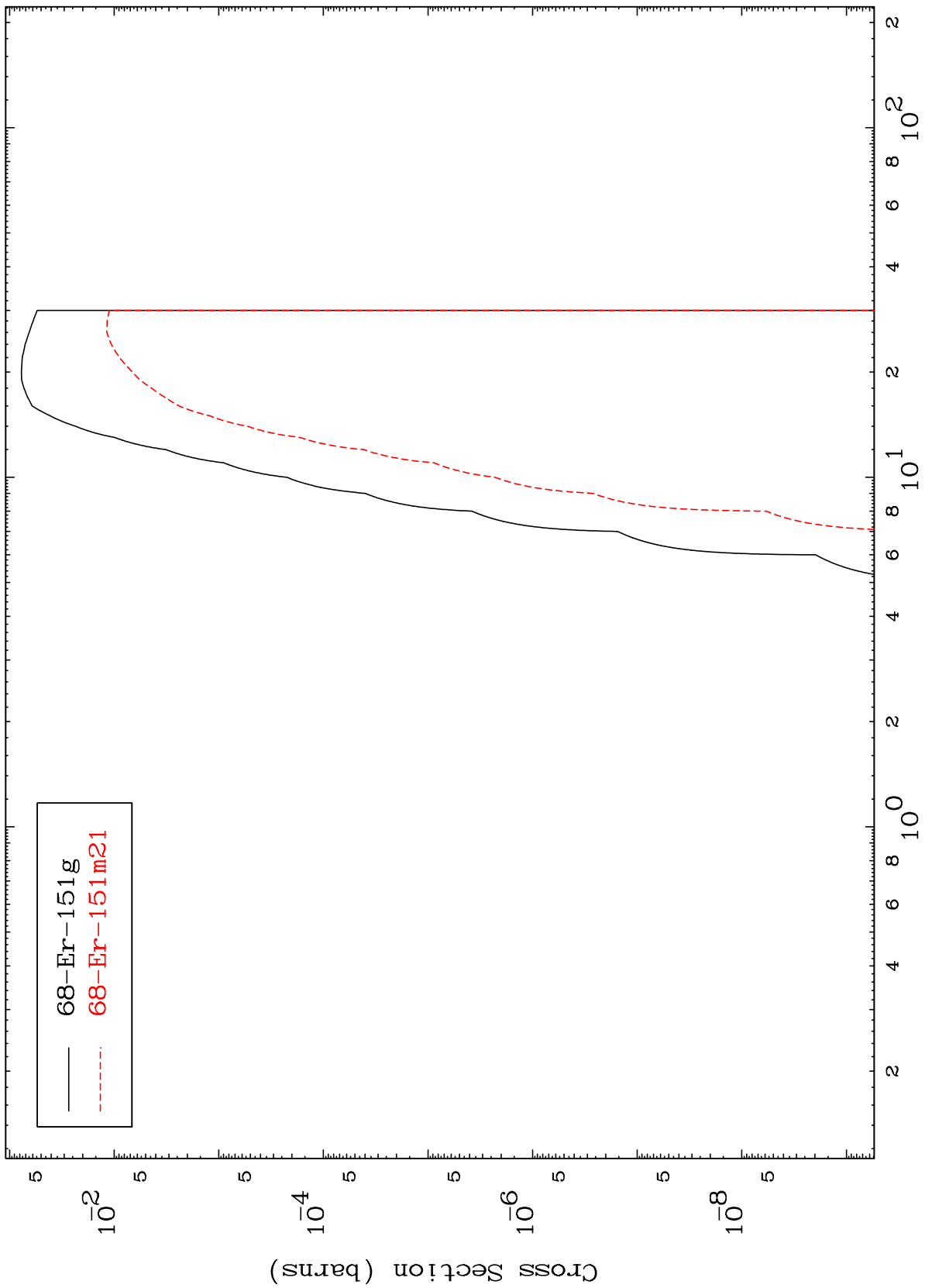
22

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(d,d)

68-Er-151

Radionuclide Production Cross Section



23

Incident Energy (MeV)

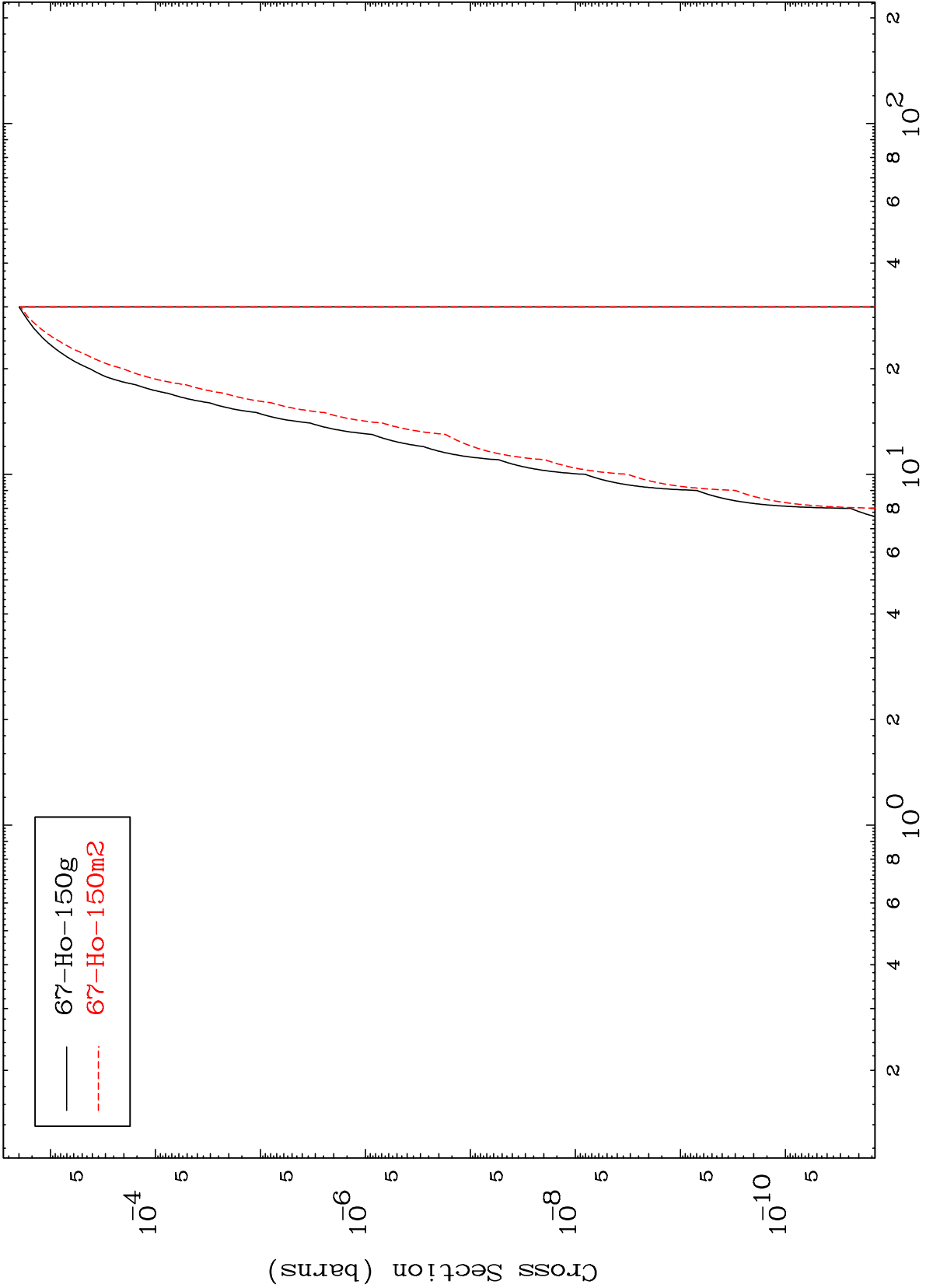
68-Er-151

MAT 6792

(d,He-3)

68-Er-151

Radionuclide Production Cross Section



67-Ho-150g
67-Ho-150m2

24

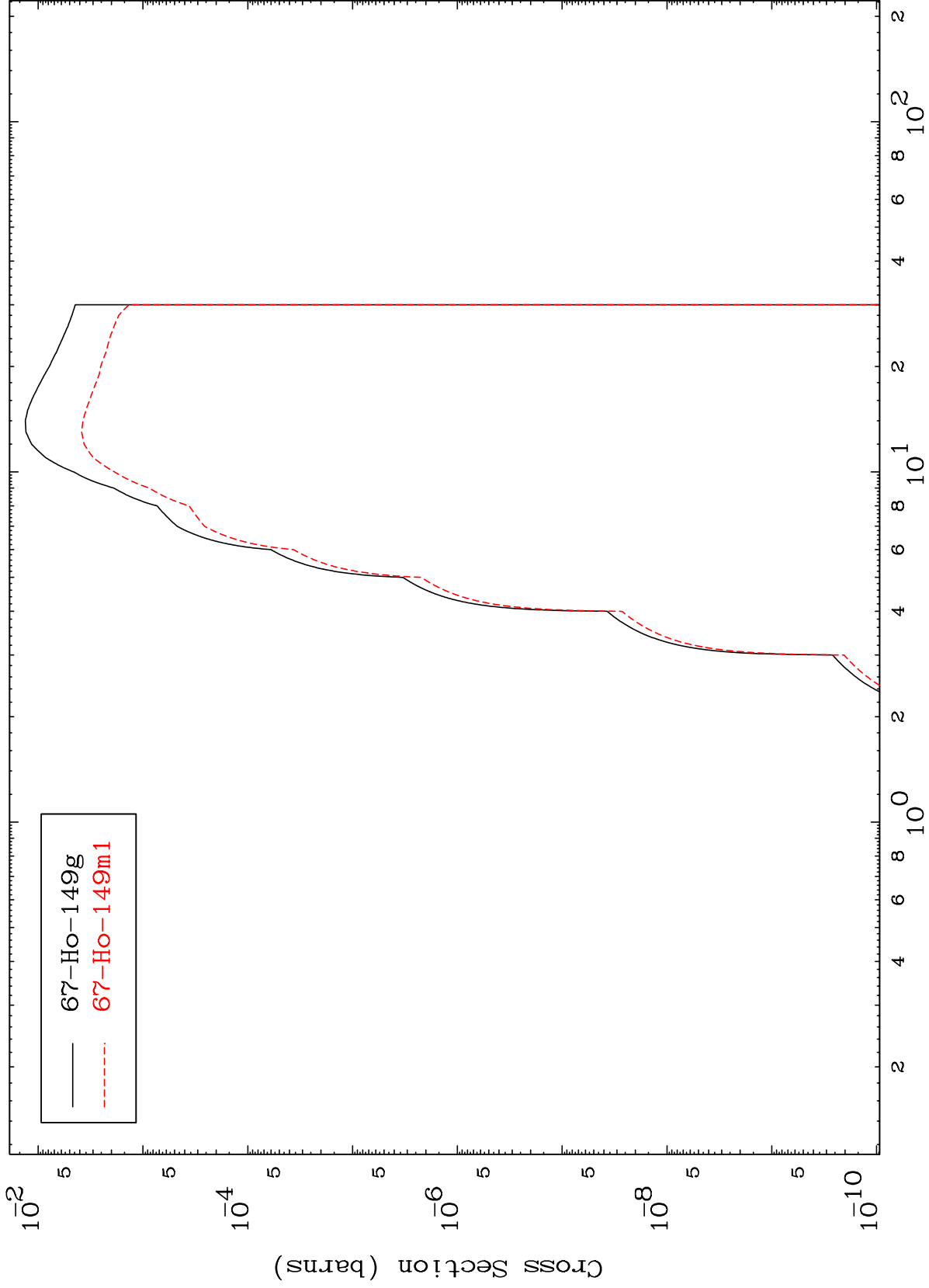
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

(d, α)
Radionuclide Production Cross Section



25

68-Er-151

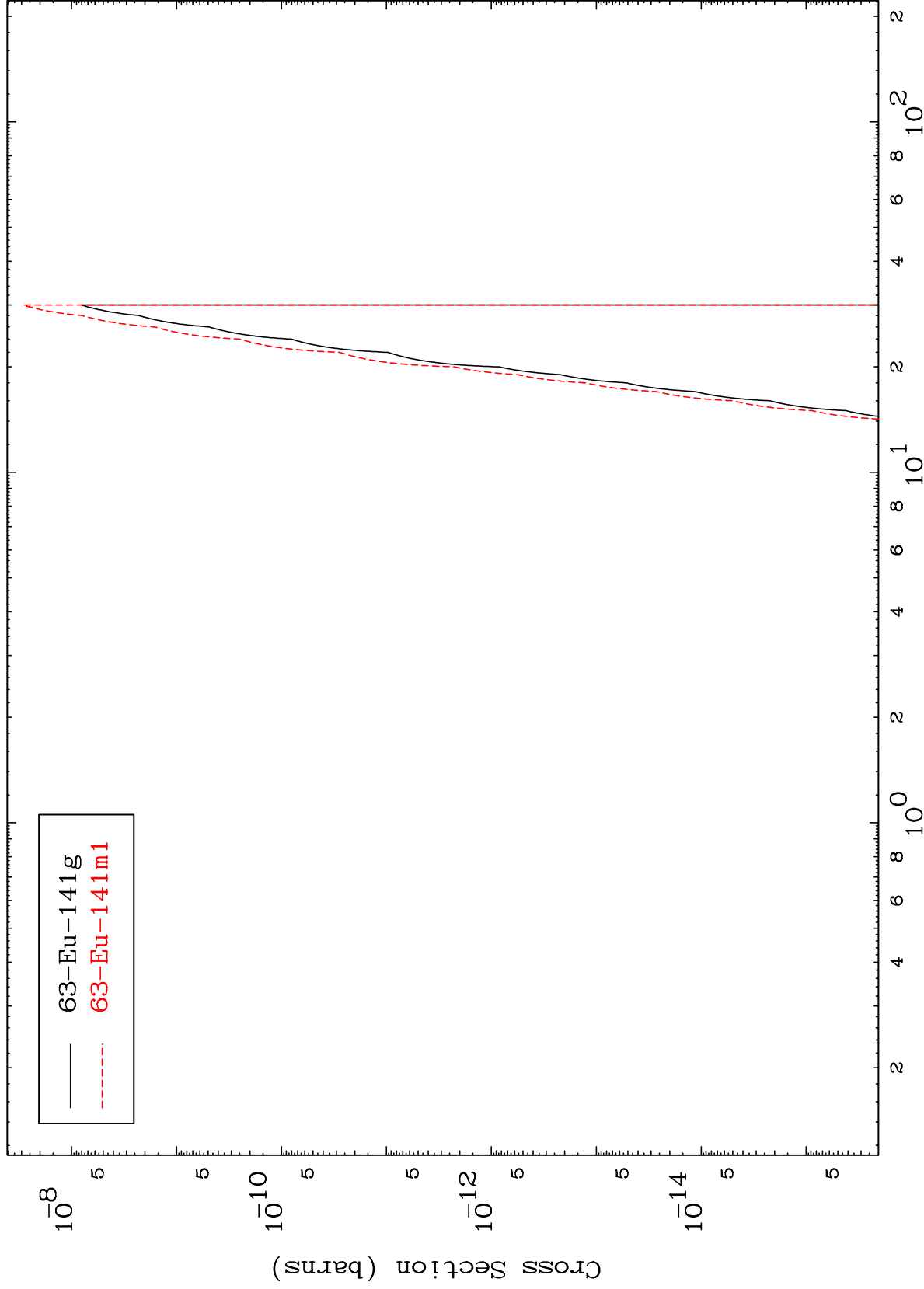
Incident Energy (MeV)

MAT 6792

(d,3 α)

68-Er-151

Radionuclide Production Cross Section



26

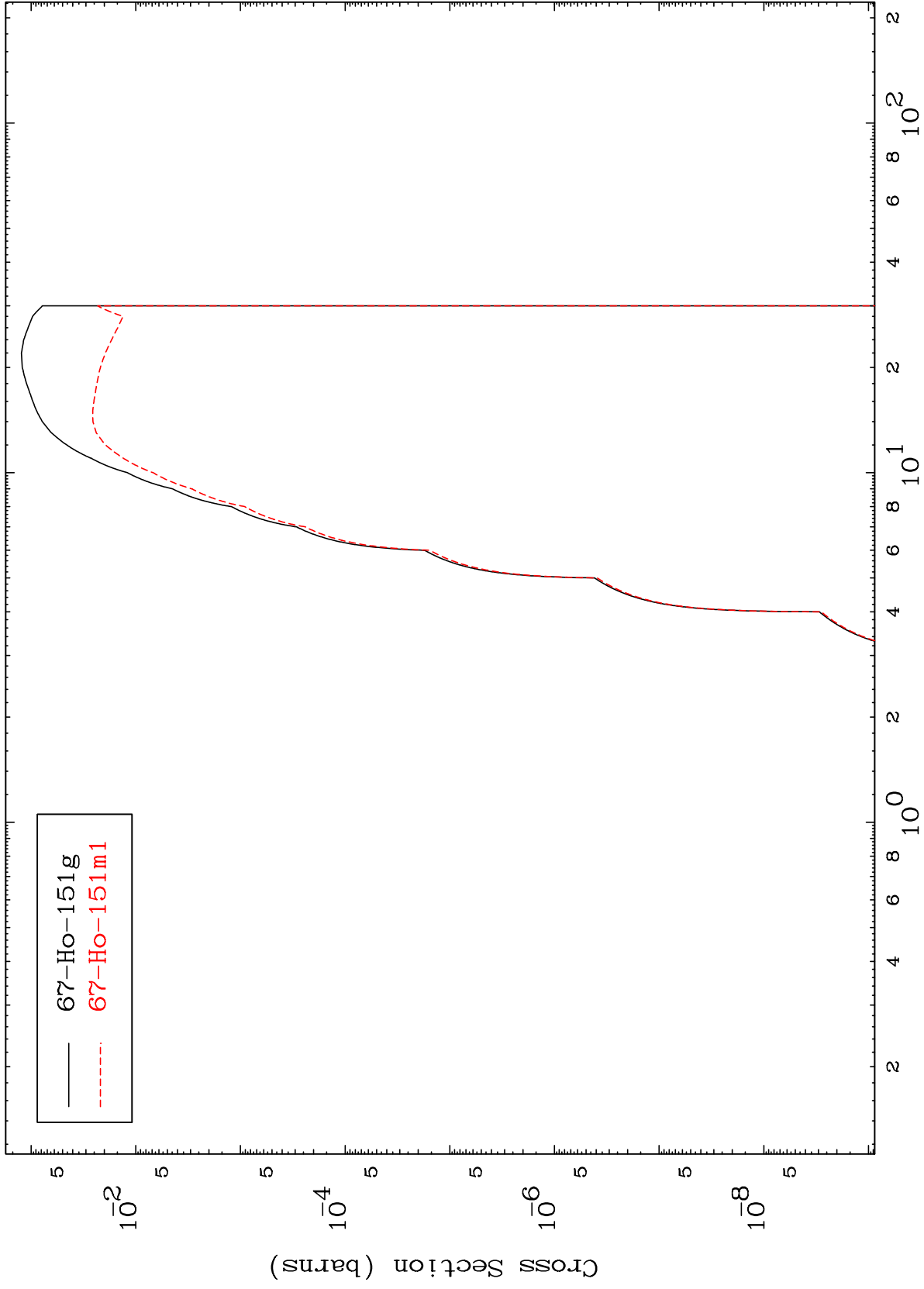
Incident Energy (MeV)

68-Er-151

MAT 6792

68-Er-151

(d,2p)
Radionuclide Production Cross Section



— 67-Ho-151g
- - - 67-Ho-151m1

68-Er-151

Incident Energy (MeV)

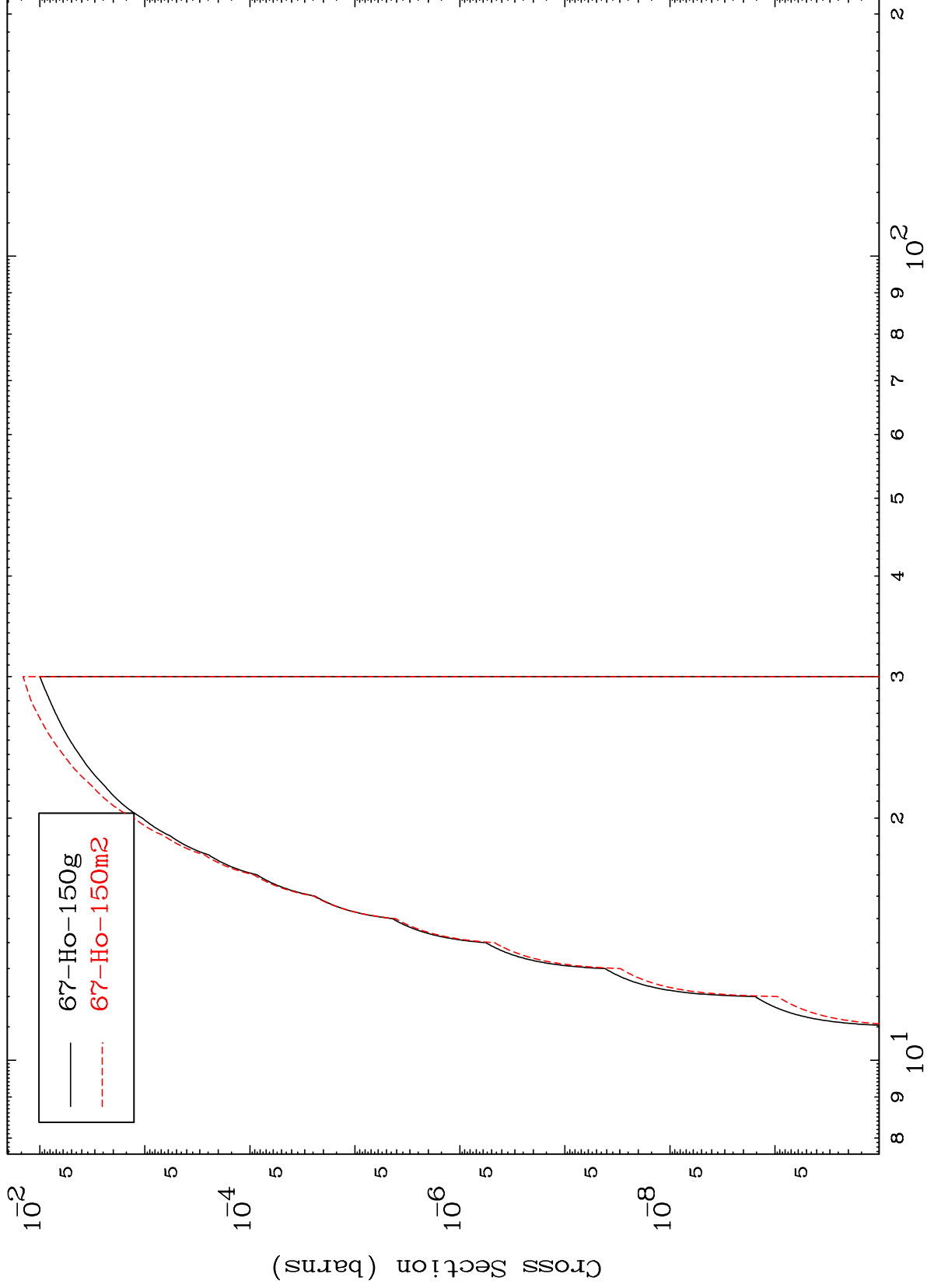
27

MAT 6792

(d,p) d

68-Er-151

Radionuclide Production Cross Section



28

Incident Energy (MeV)

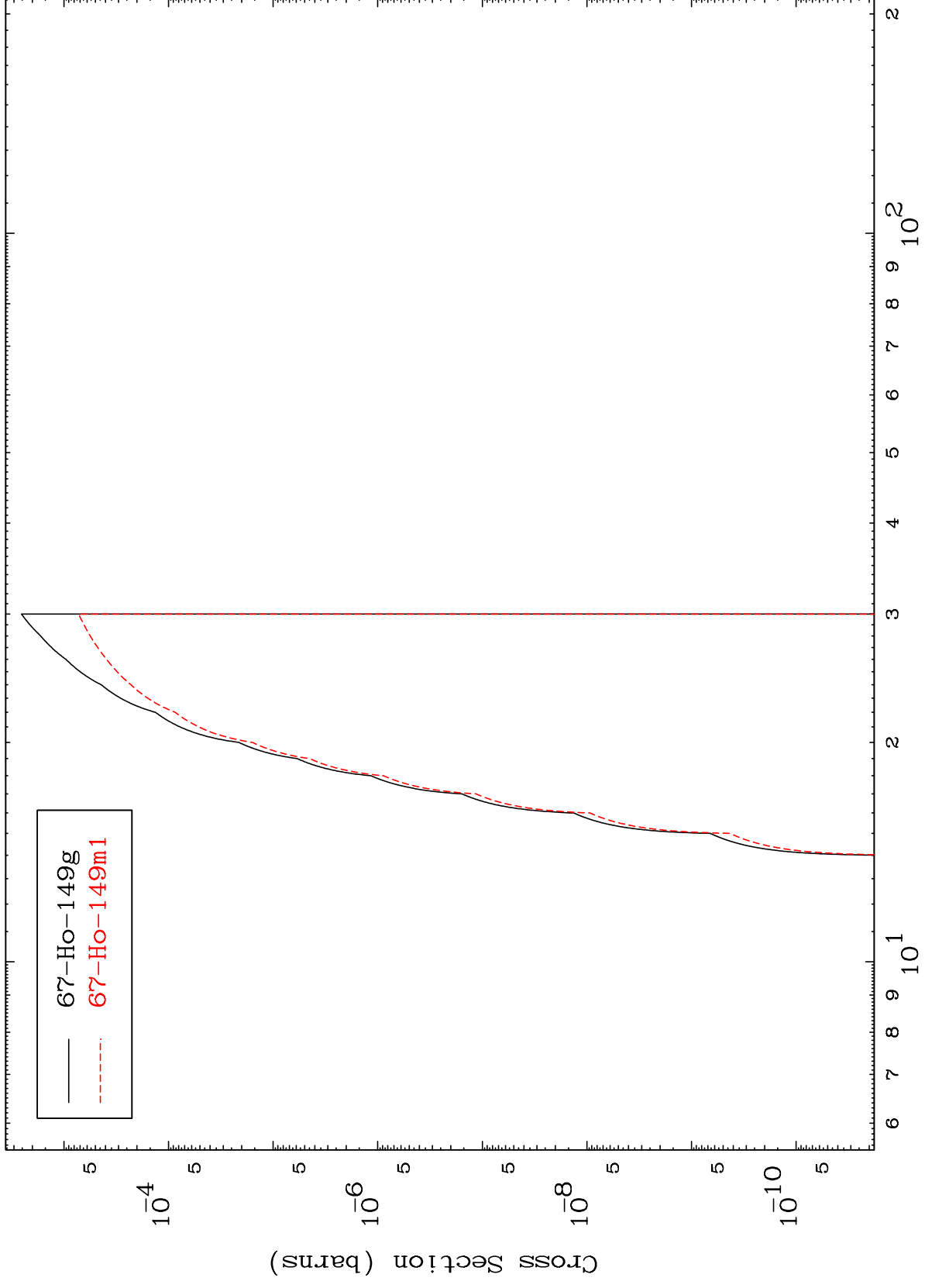
68-Er-151

MAT 6792

(d,p) t

68-Er-151

Radionuclide Production Cross Section



67-Ho-149g
67-Ho-149m1

29

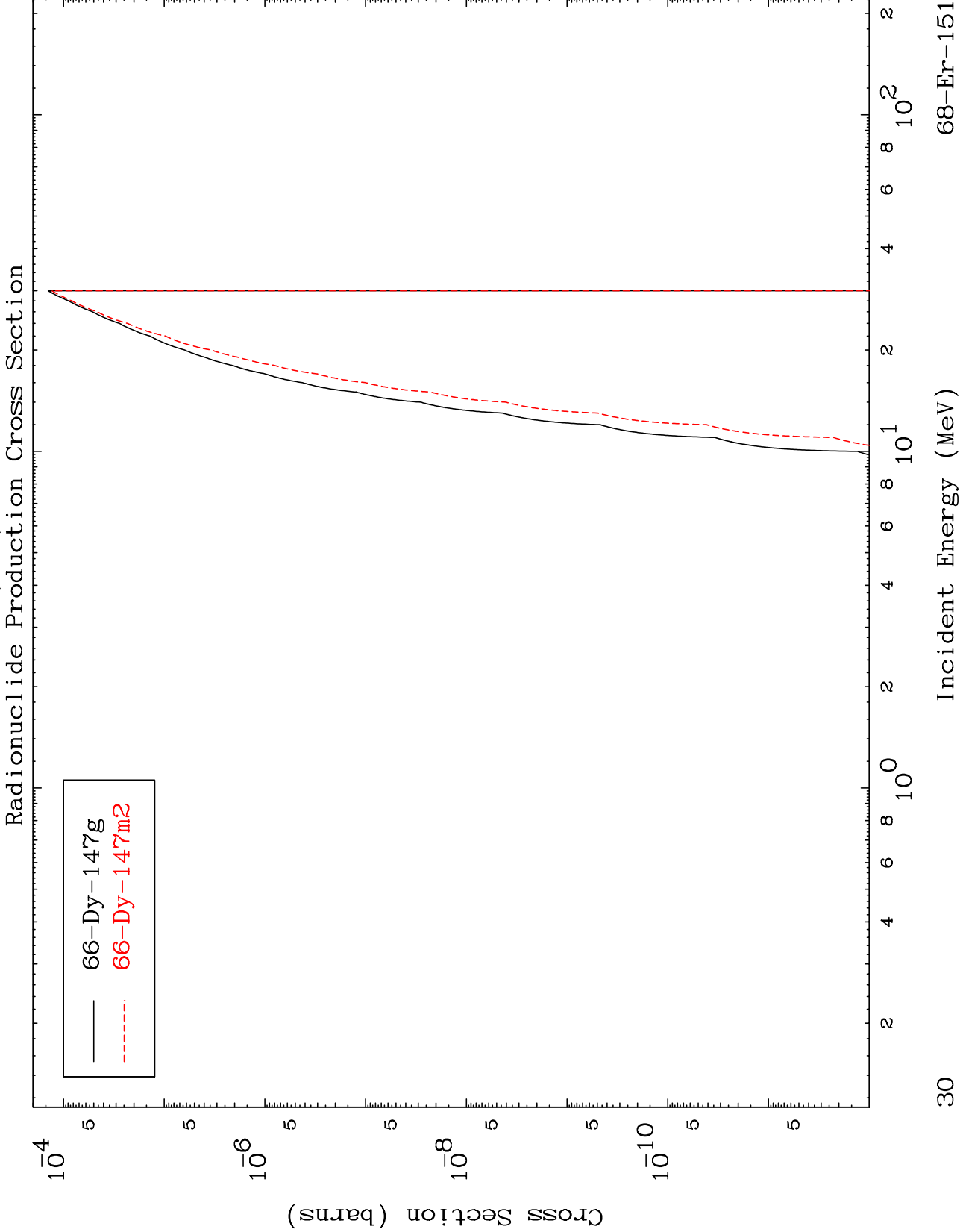
Incident Energy (MeV)

68-Er-151

MAT 6792

(d,d) α

68-Er-151



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