

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

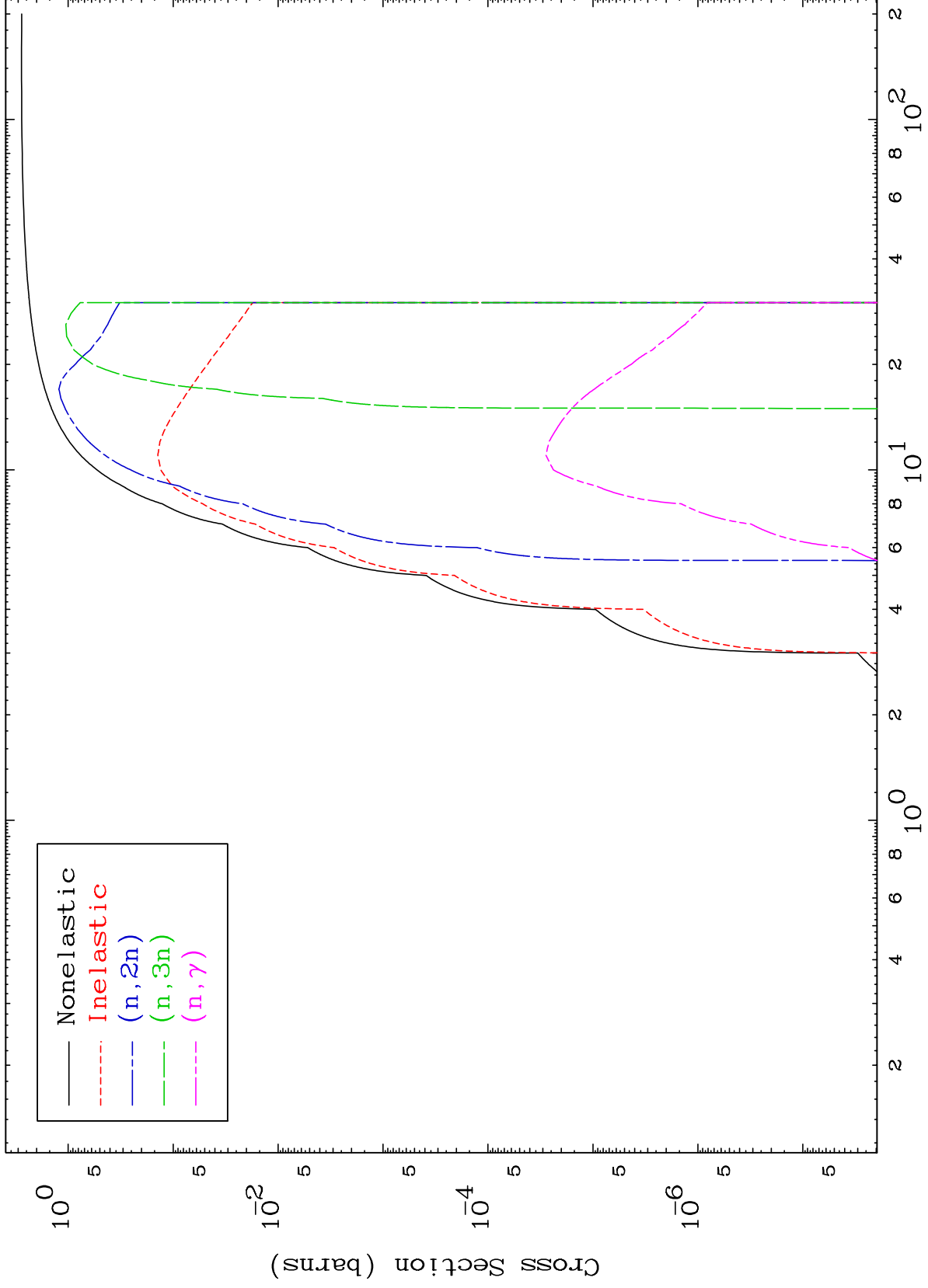
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

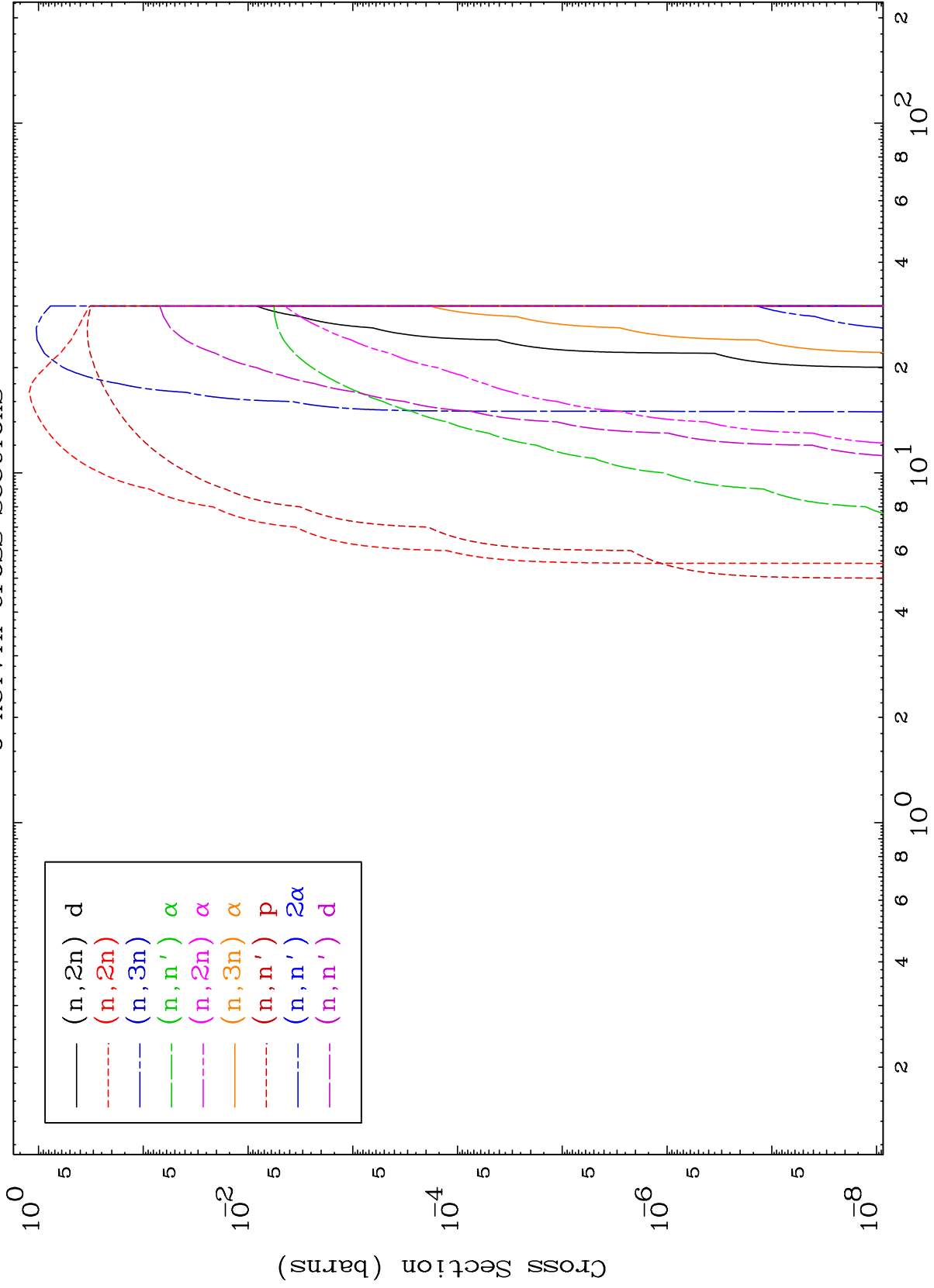
Tele: 925-443-1911

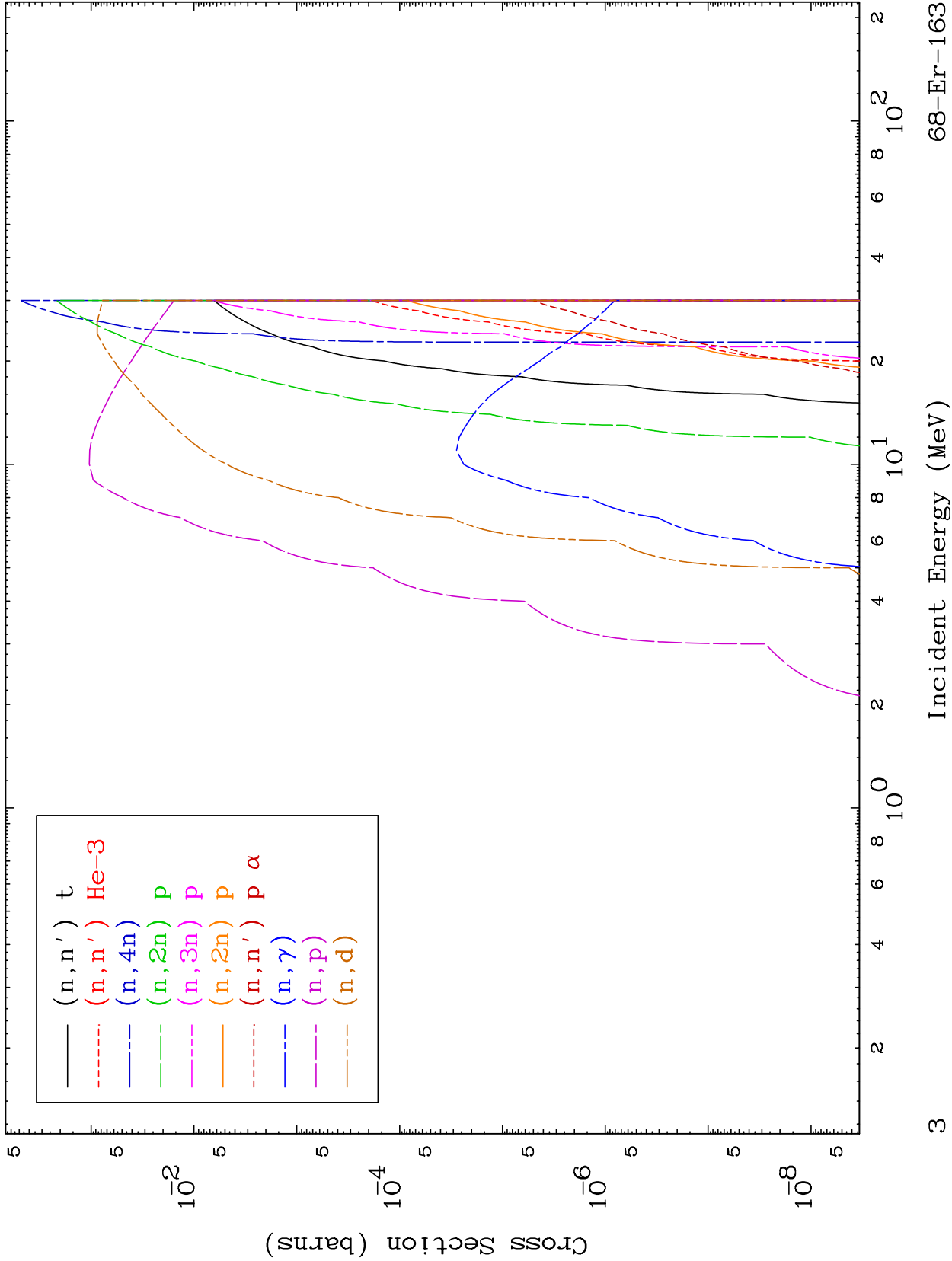
E.Mail:redcullen1@comcast.net

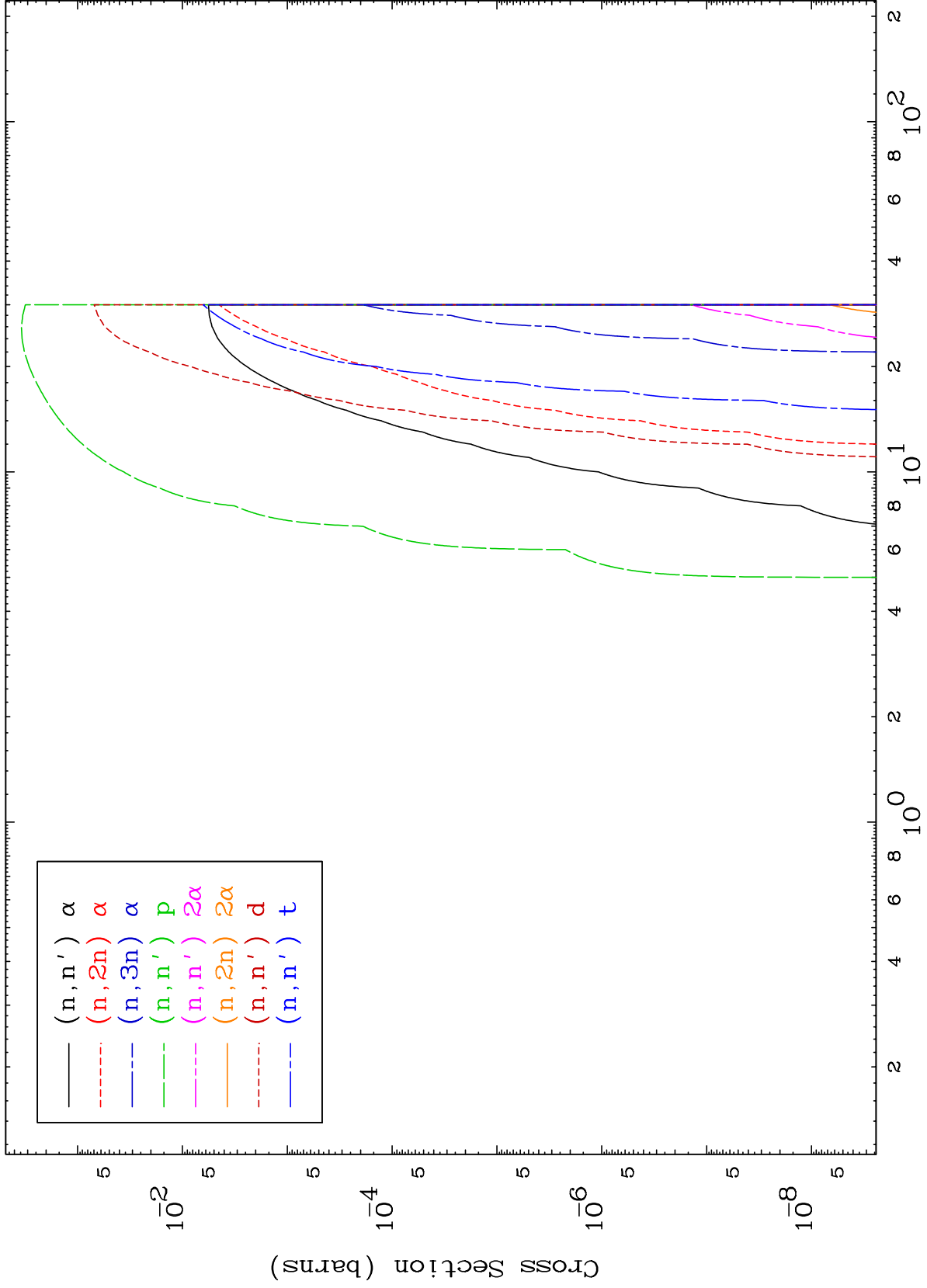
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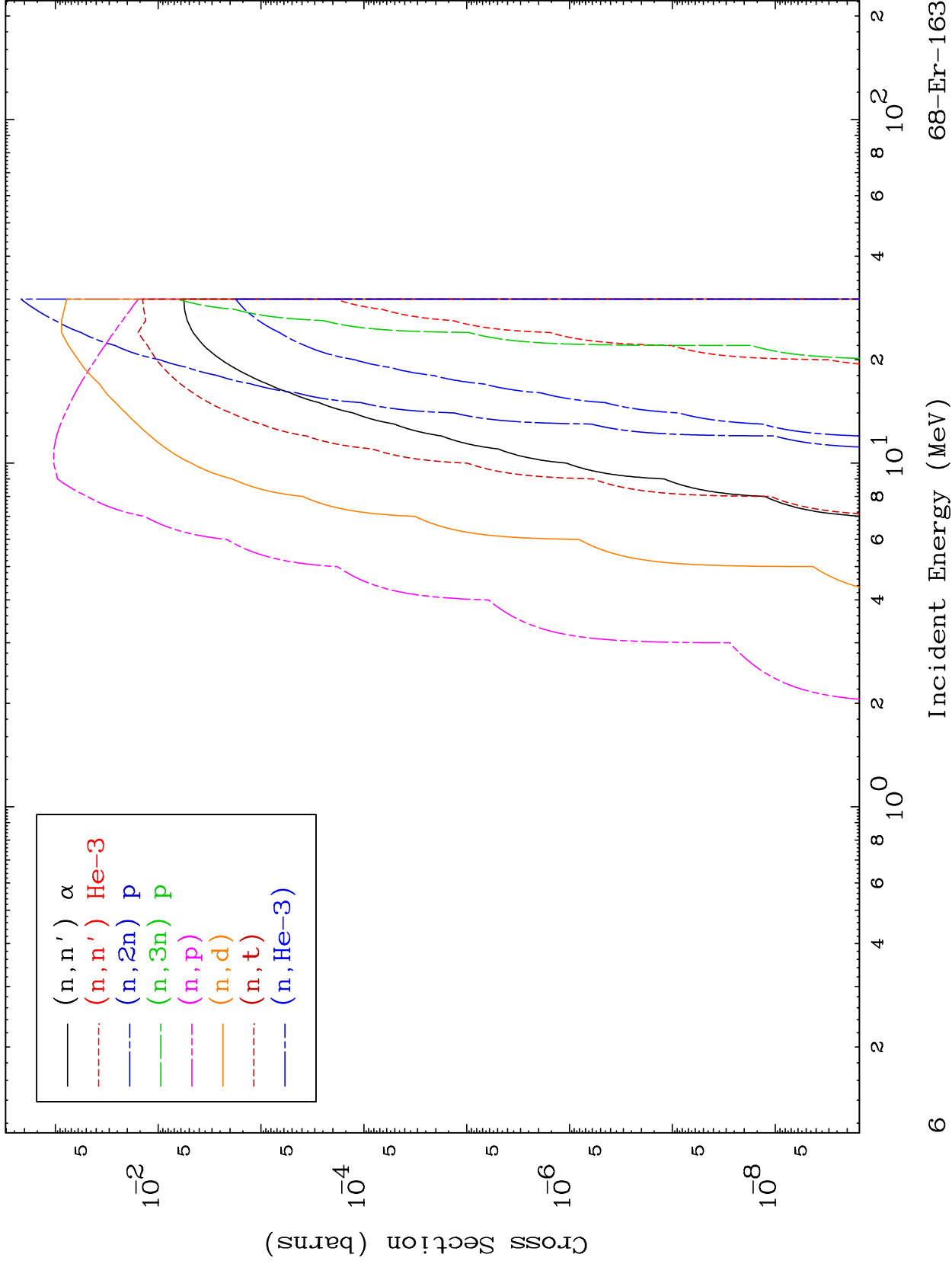
Press Mouse Button to Start







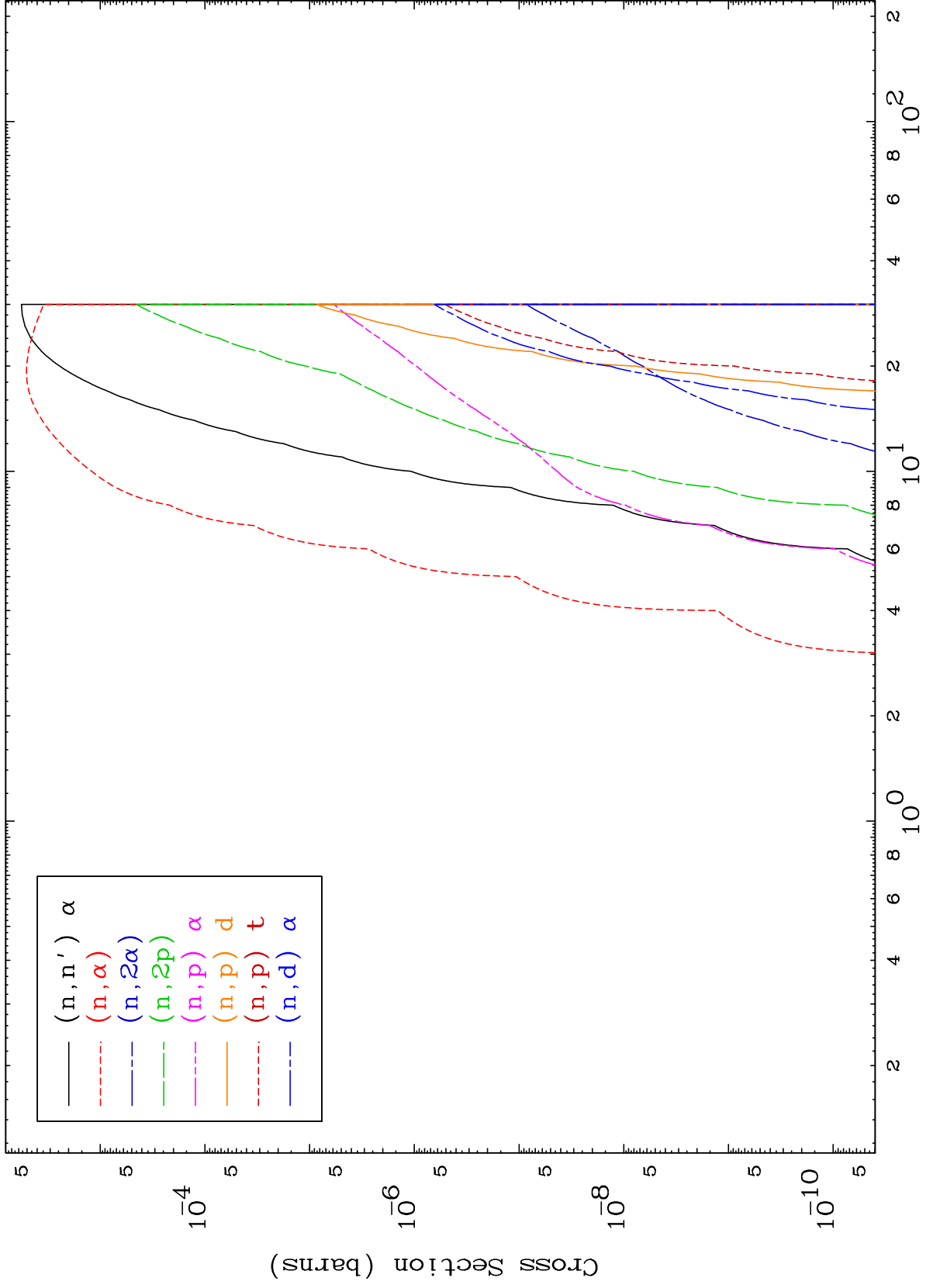




MAT 6828

Deuteron Charged Particle
0 Kelvin Cross Sections

68-Er-163

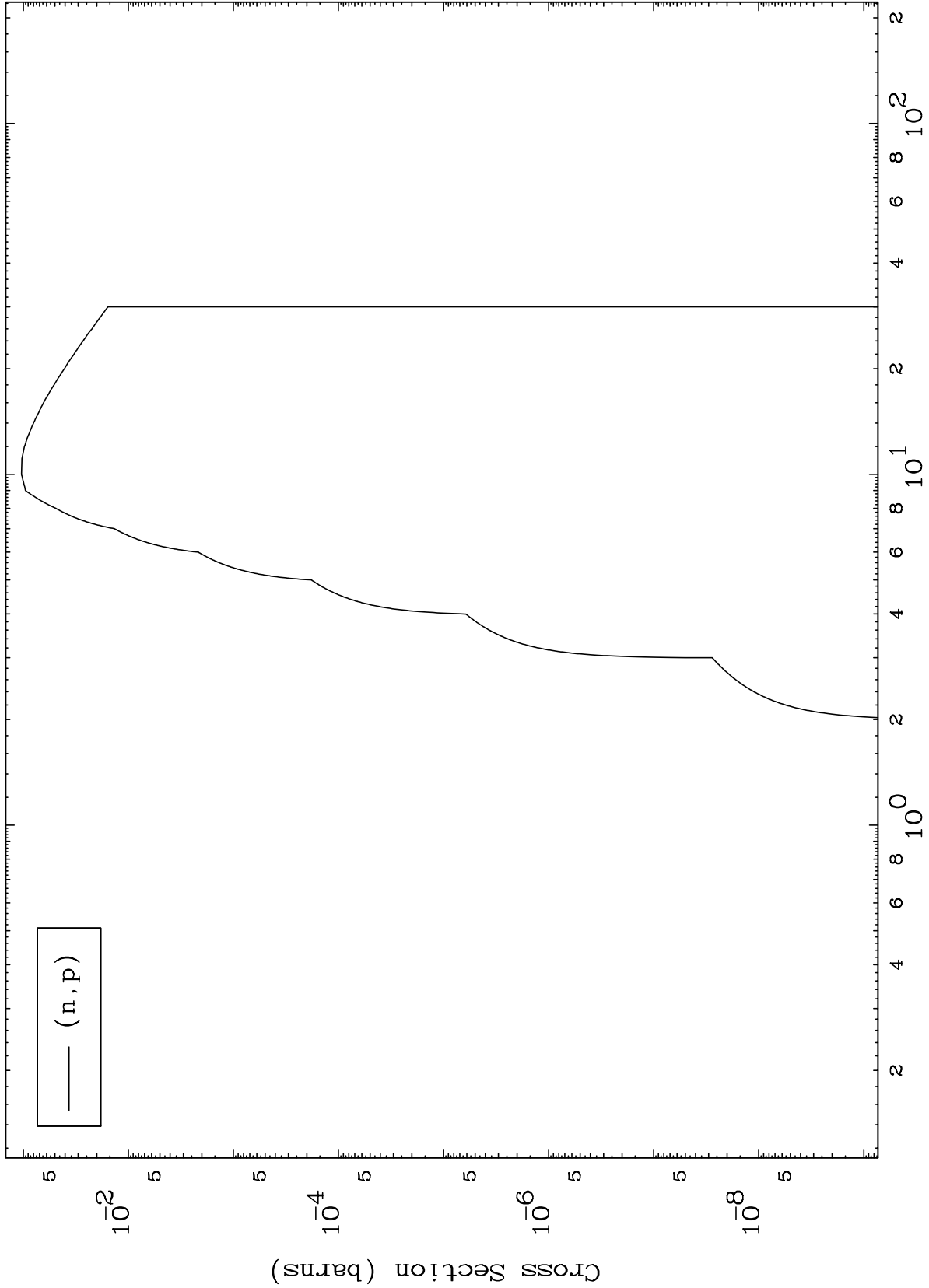


MAT 6828

(d,p) Levels

68-Er-163

0 Kelvin Cross Sections

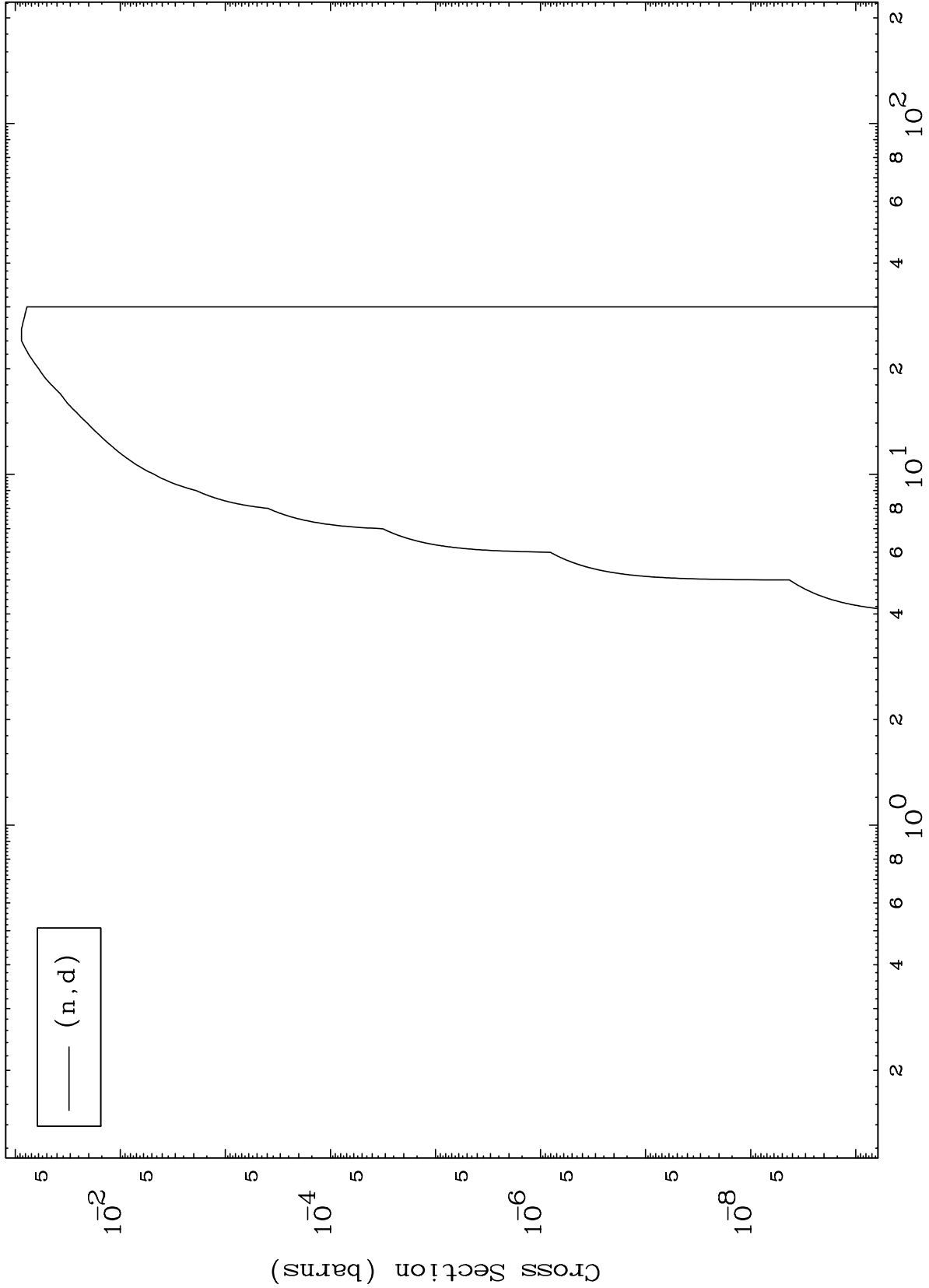


MAT 6828

(d,d) Levels

68-Er-163

0 Kelvin Cross Sections

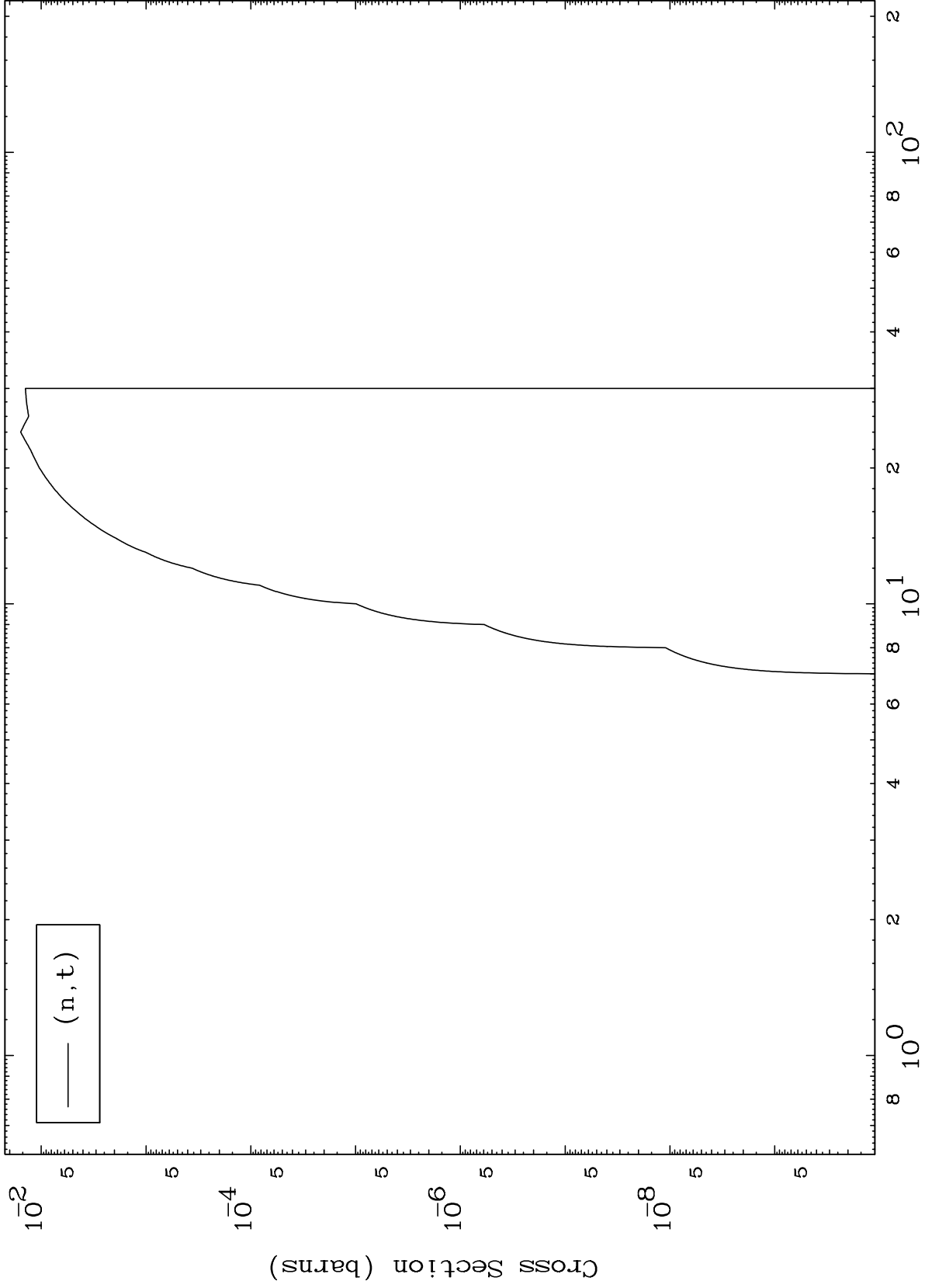


MAT 6828

(d,t) Levels

68-Er-163

0 Kelvin Cross Sections



10

Incident Energy (MeV)

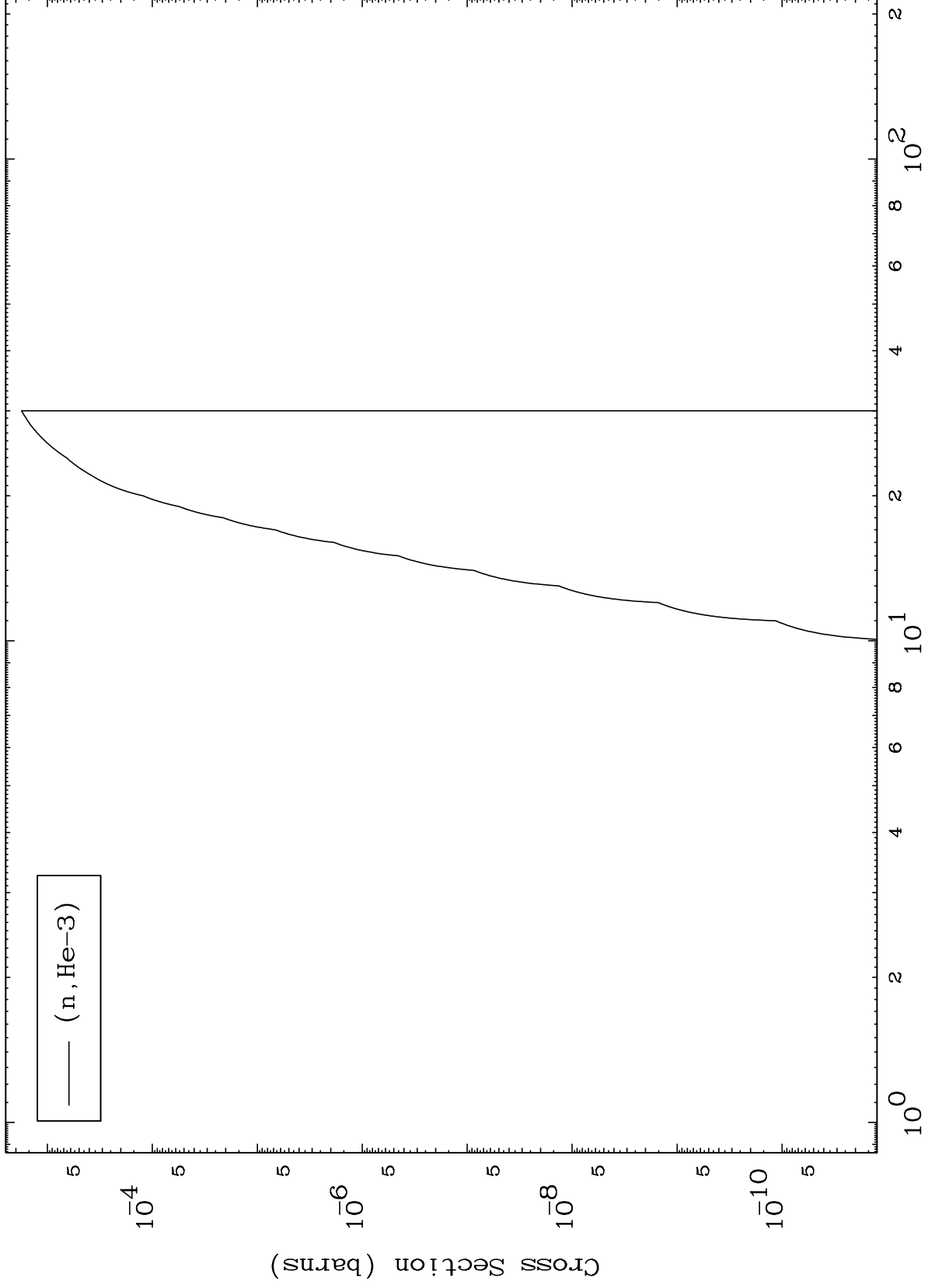
68-Er-163

MAT 6828

(d,He3) Levels

68-Er-163

0 Kelvin Cross Sections



11

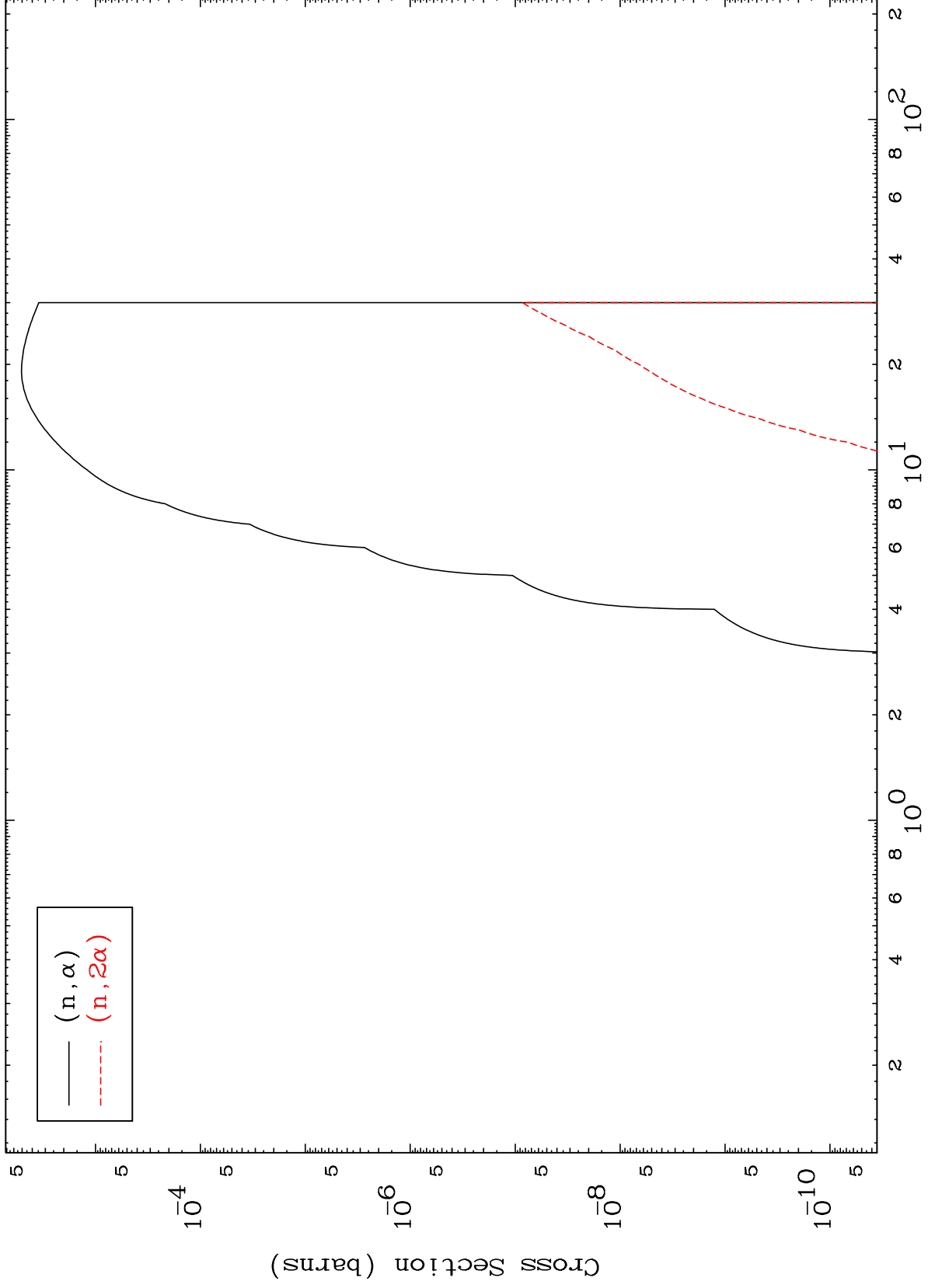
Incident Energy (MeV)

68-Er-163

MAT 6828

(d, α) Levels
0 Kelvin Cross Sections

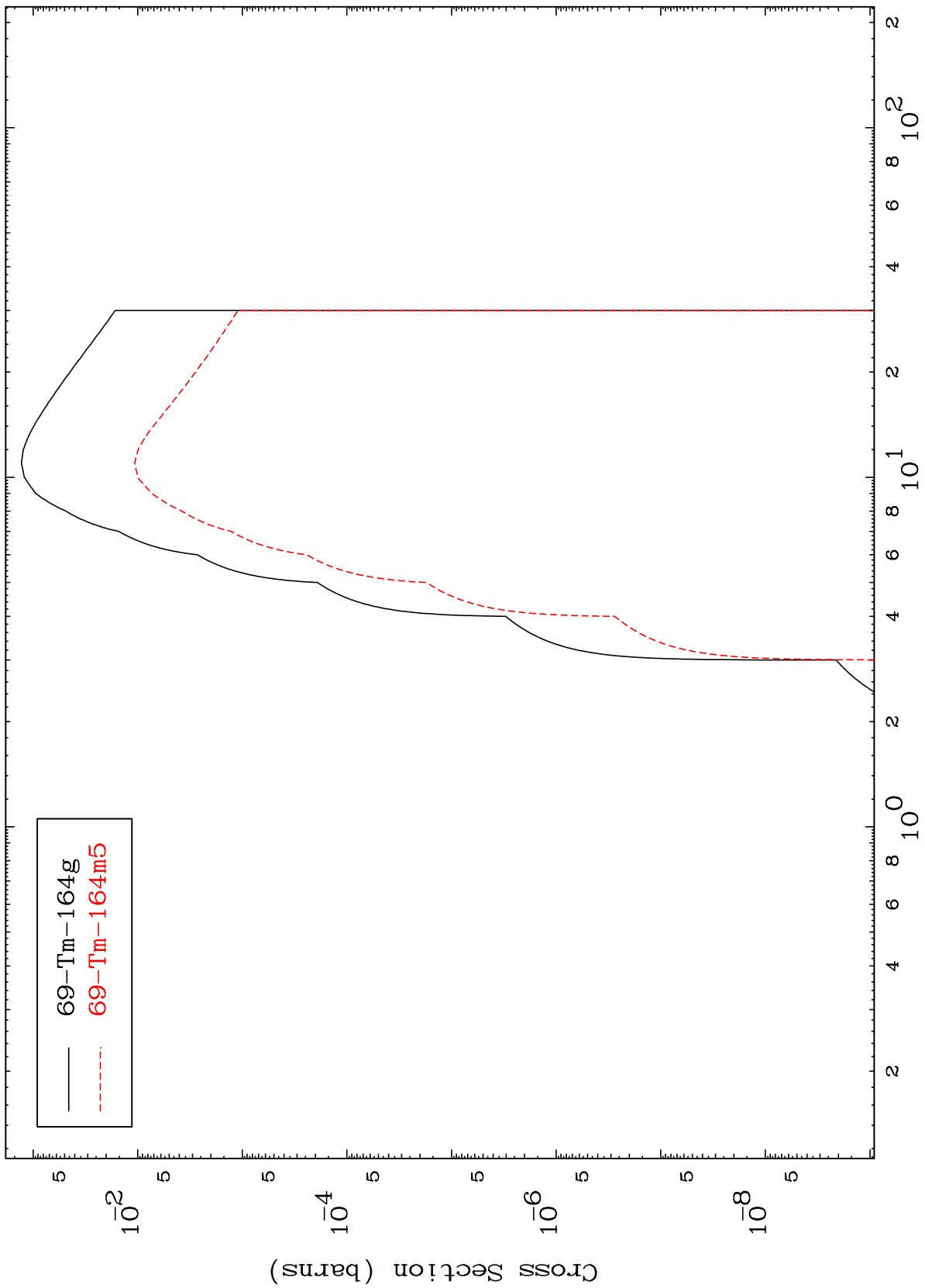
68-Er-163



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68-Er-163

Inelastic
Radionuclide Production Cross Section



68-Er-163

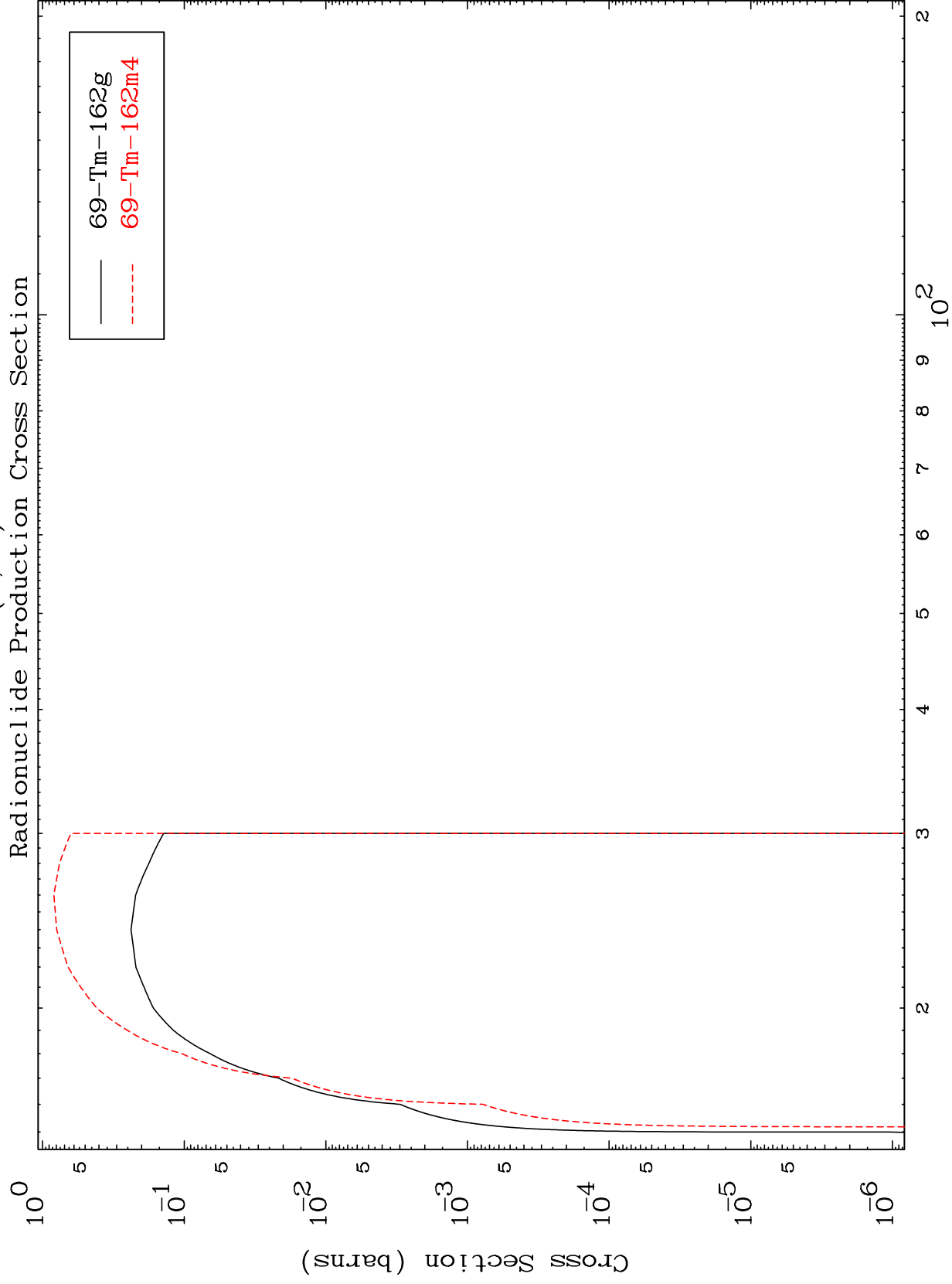
Incident Energy (MeV)

13

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(n,3n)

68-Er-163



14

Incident Energy (MeV)

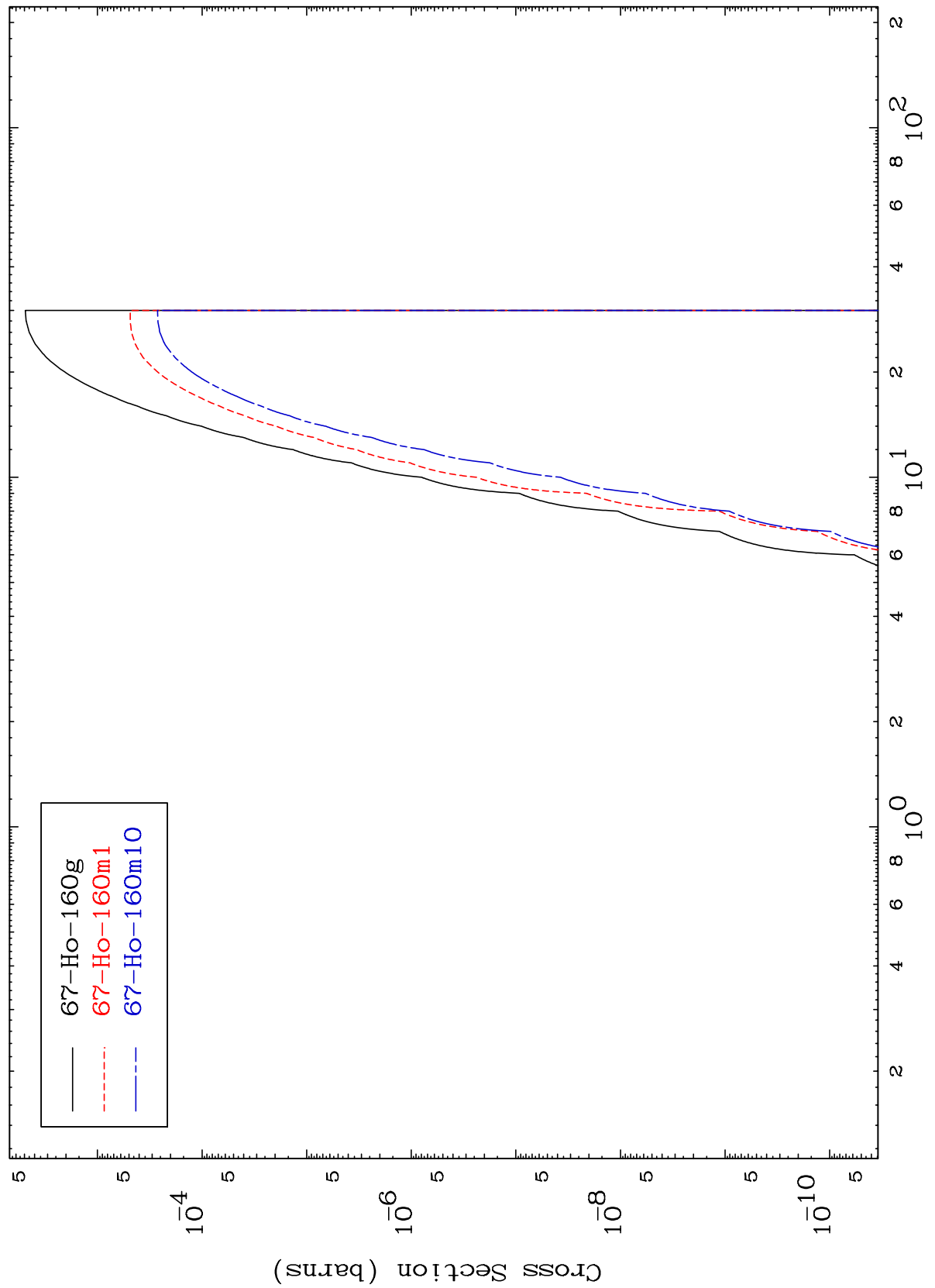
68-Er-163

MAT 6828

$(n, n') \alpha$

68-Er-163

Radionuclide Production Cross Section



15

Incident Energy (MeV)

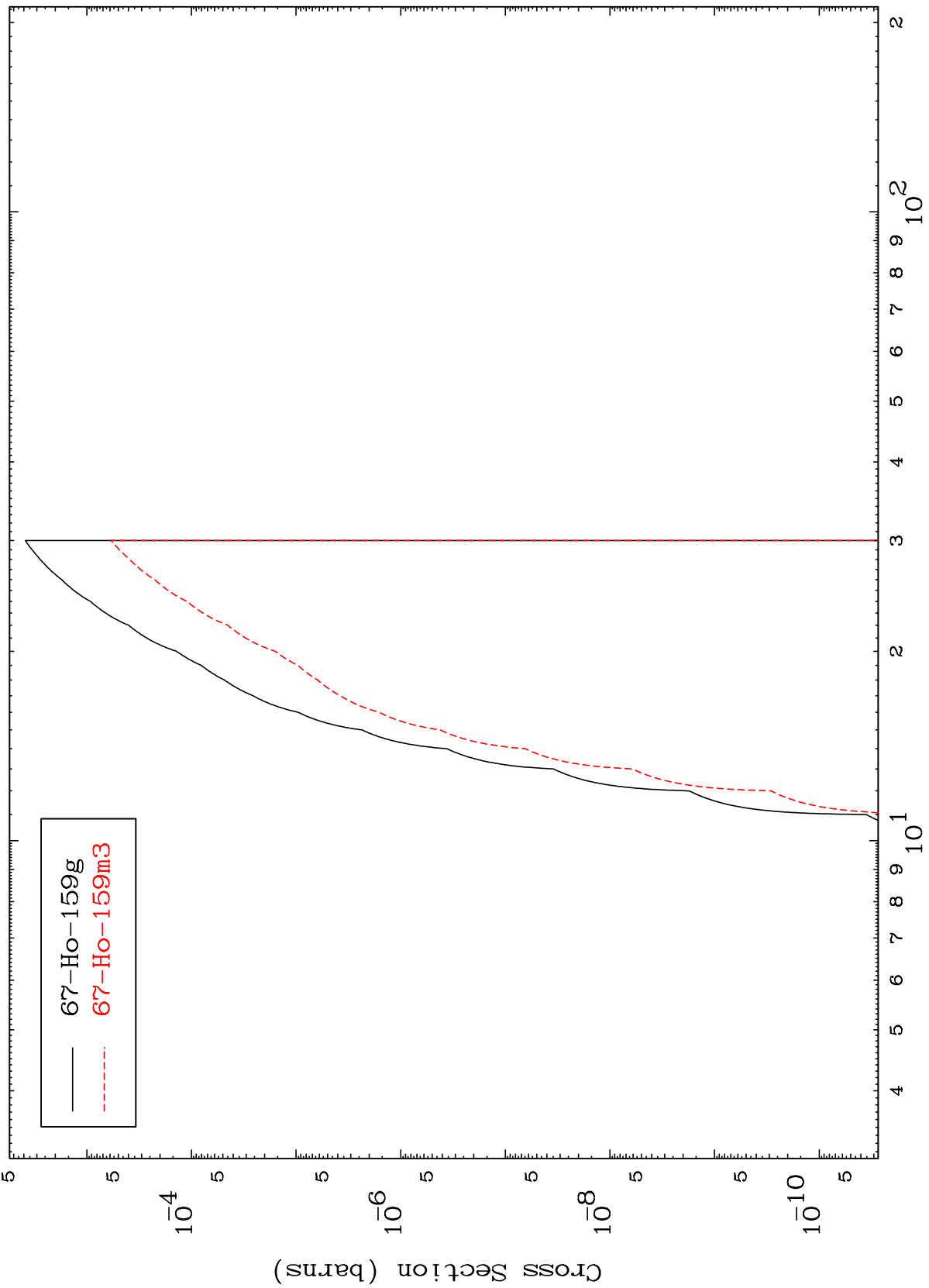
68-Er-163

MAT 6828

$(n, 2n) \alpha$

68-Er-163

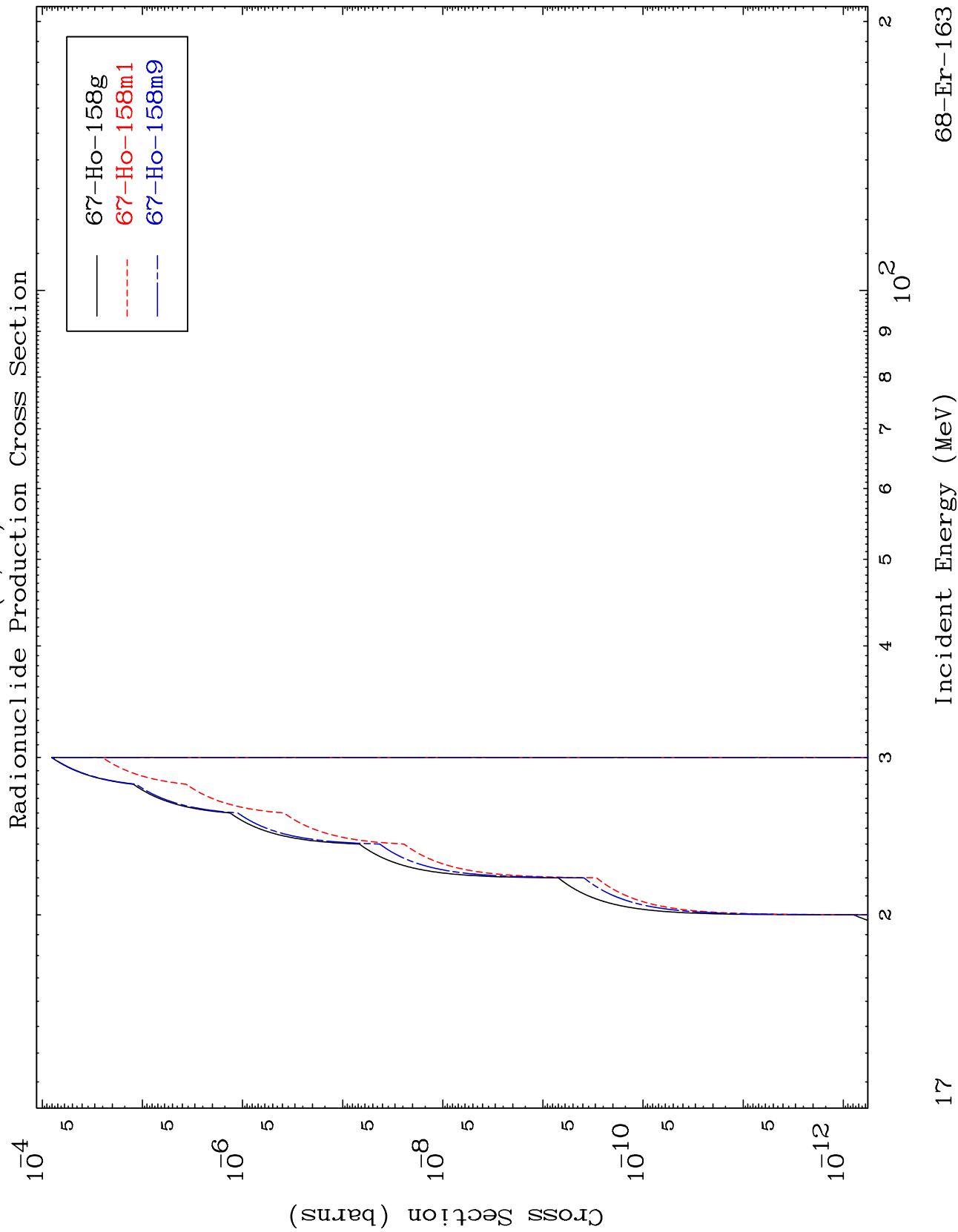
Radionuclide Production Cross Section



16

Incident Energy (MeV)

68-Er-163

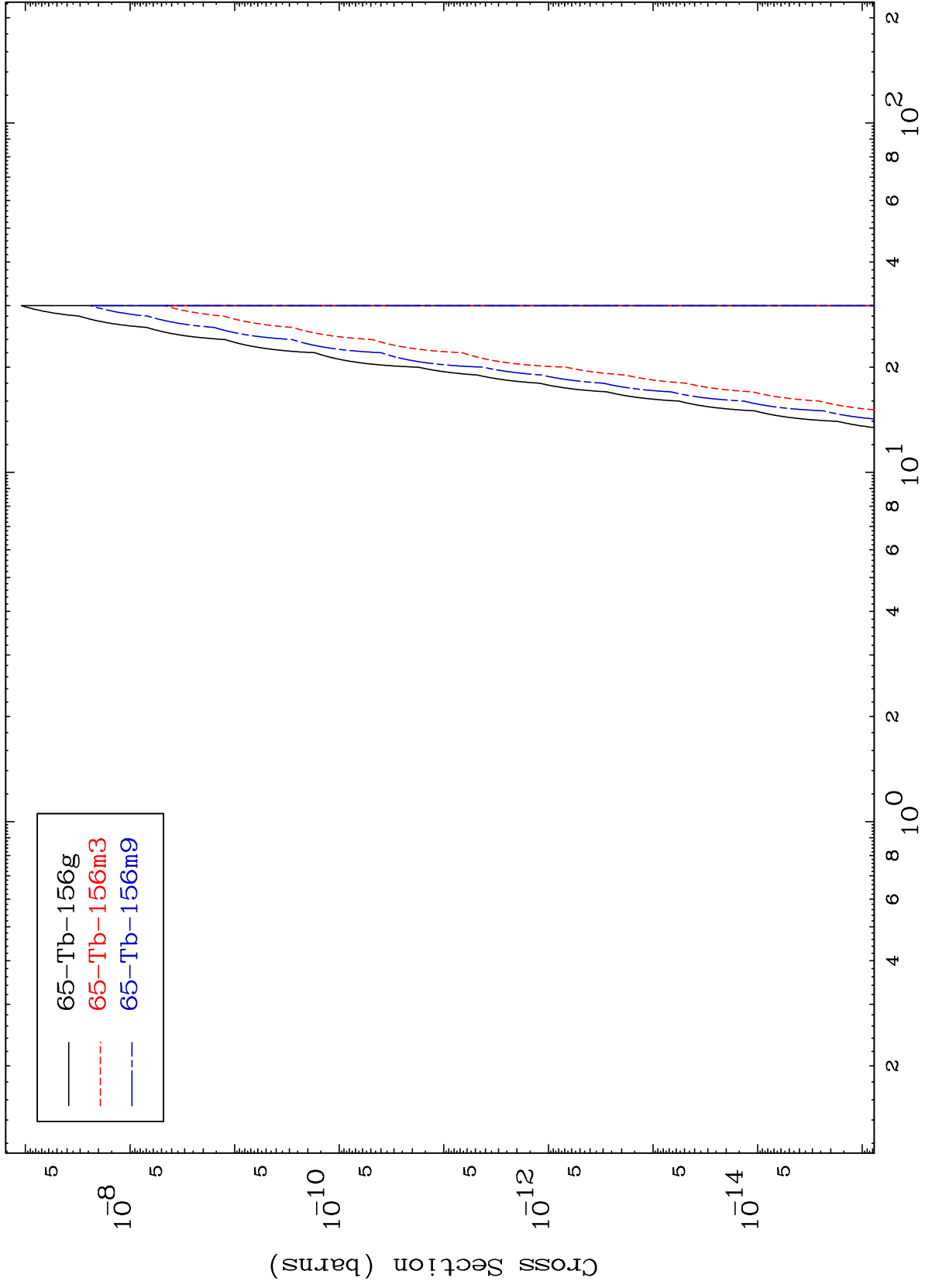


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(n,n') 2 α

68-Er-163

Radionuclide Production Cross Section

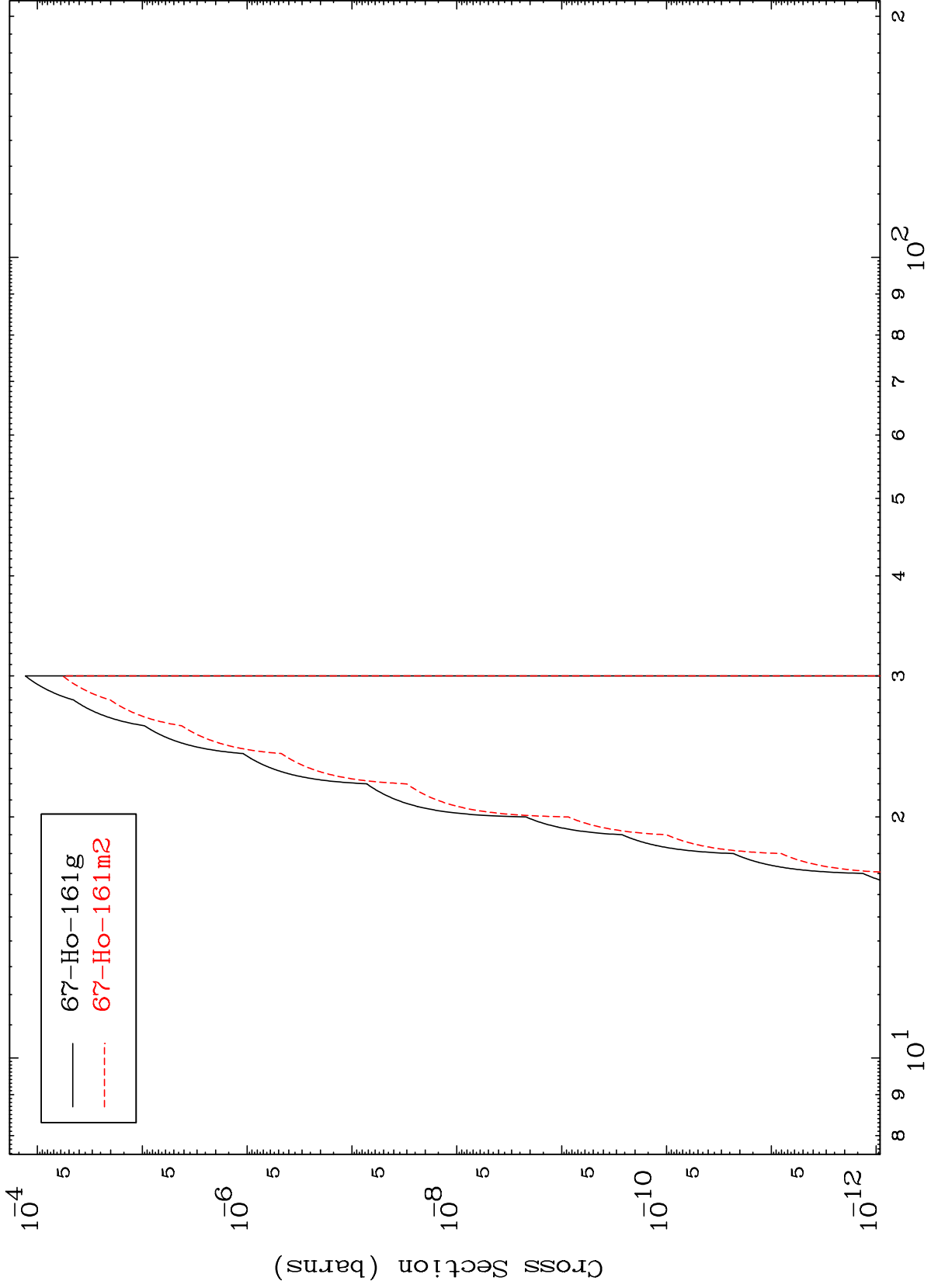


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(n,n') He-3

68-Er-163

Radionuclide Production Cross Section



19

Incident Energy (MeV)

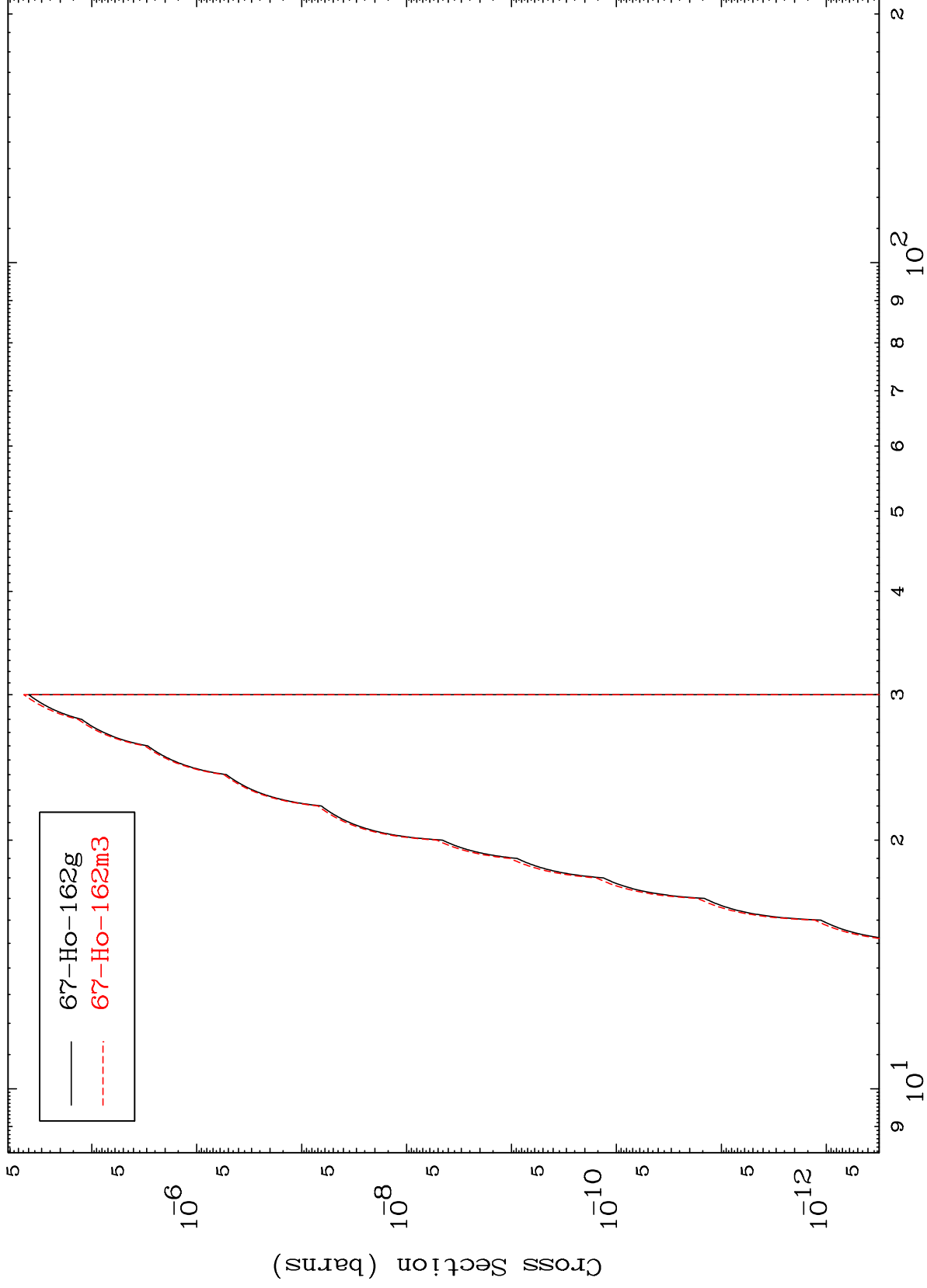
68-Er-163

MAT 6828

(n,2n) p

68-Er-163

Radionuclide Production Cross Section



20

Incident Energy (MeV)

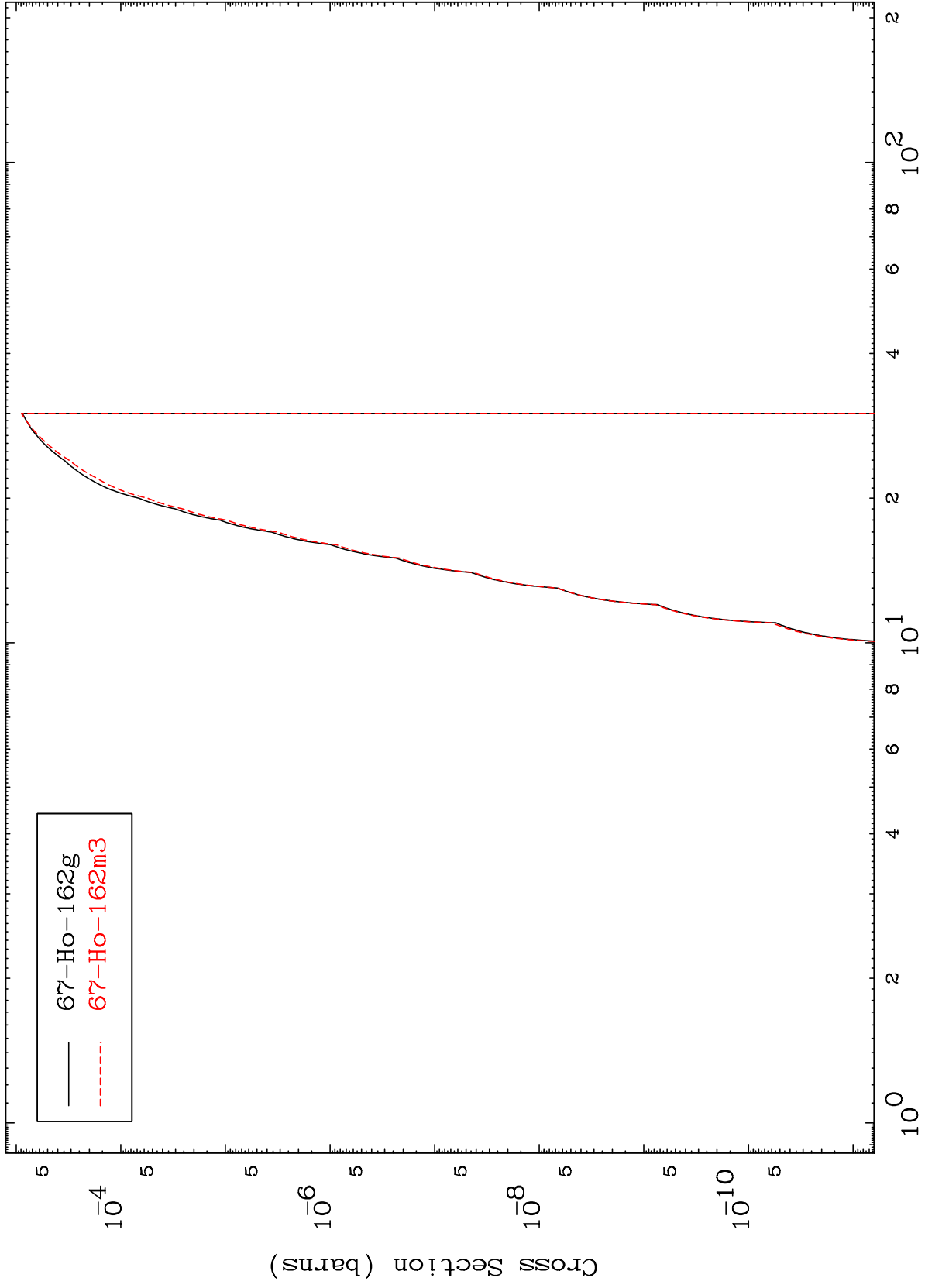
68-Er-163

MAT 6828

(n,He-3)

68-Er-163

Radionuclide Production Cross Section



— 67-Ho-162g
- - - 67-Ho-162m3

21

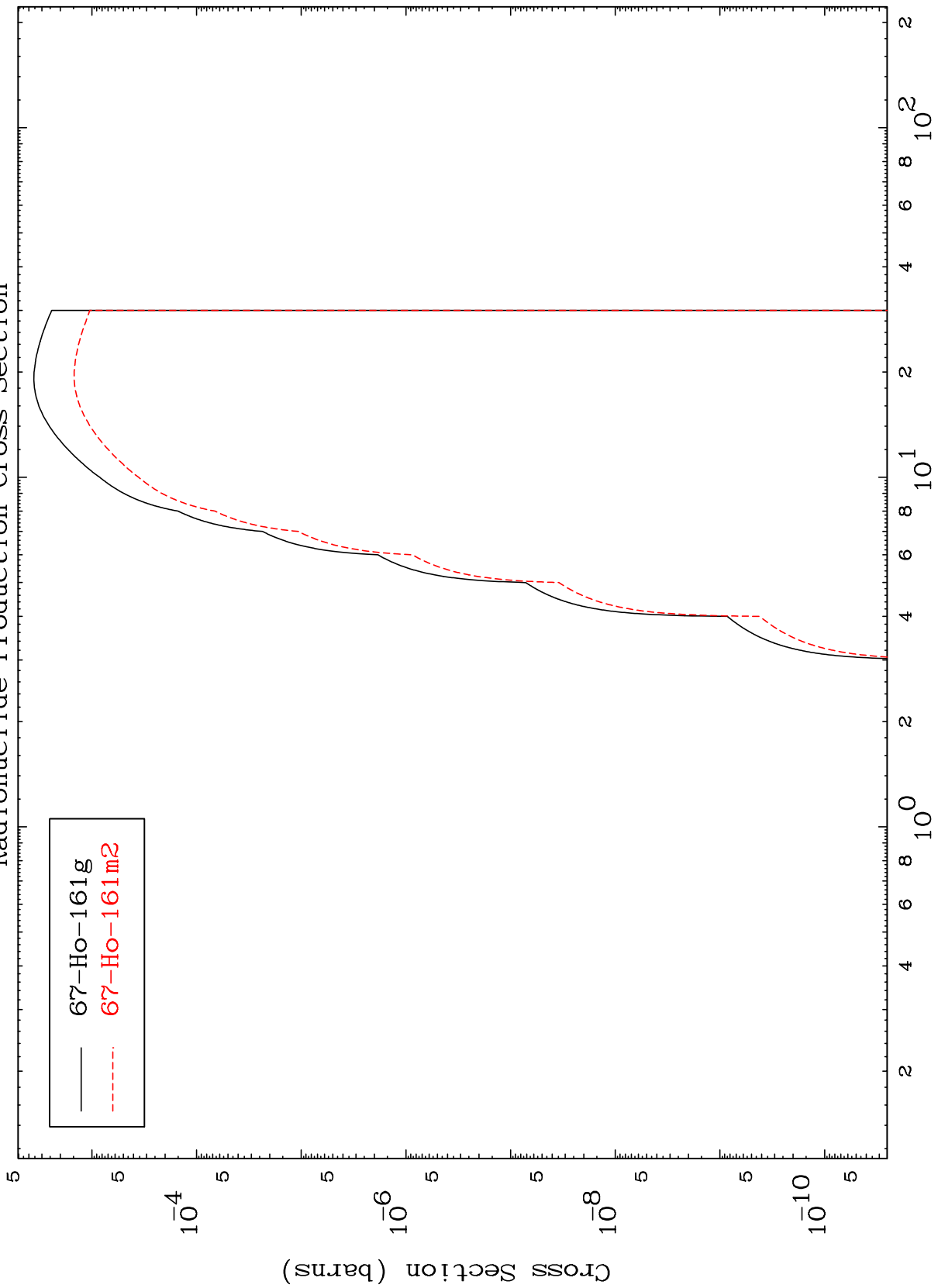
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

(n, α)
Radionuclide Production Cross Section



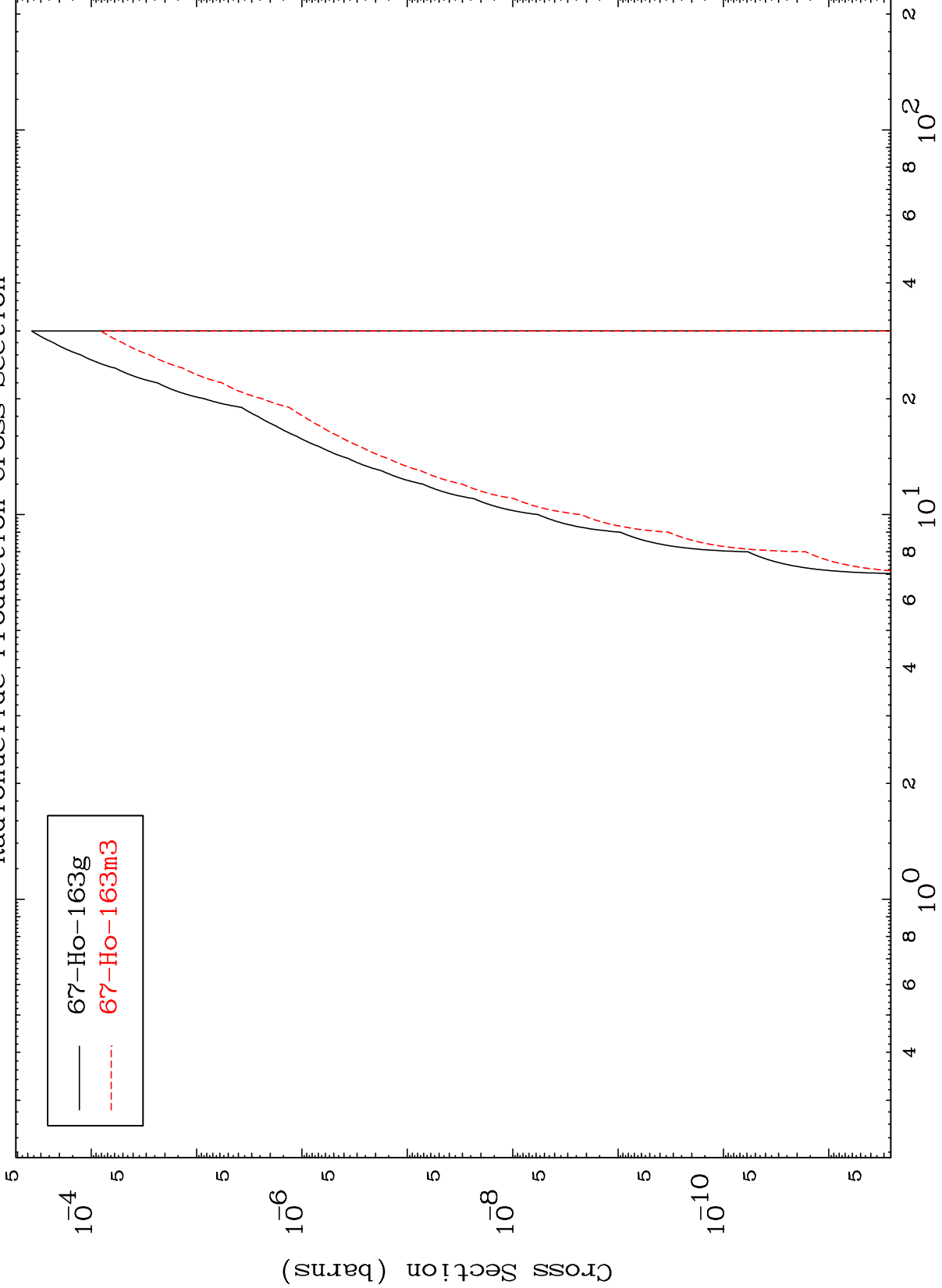
— 67-Ho-161g
- - - 67-Ho-161m2

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(n,2p)

68-Er-163

Radionuclide Production Cross Section



Incident Energy (MeV)

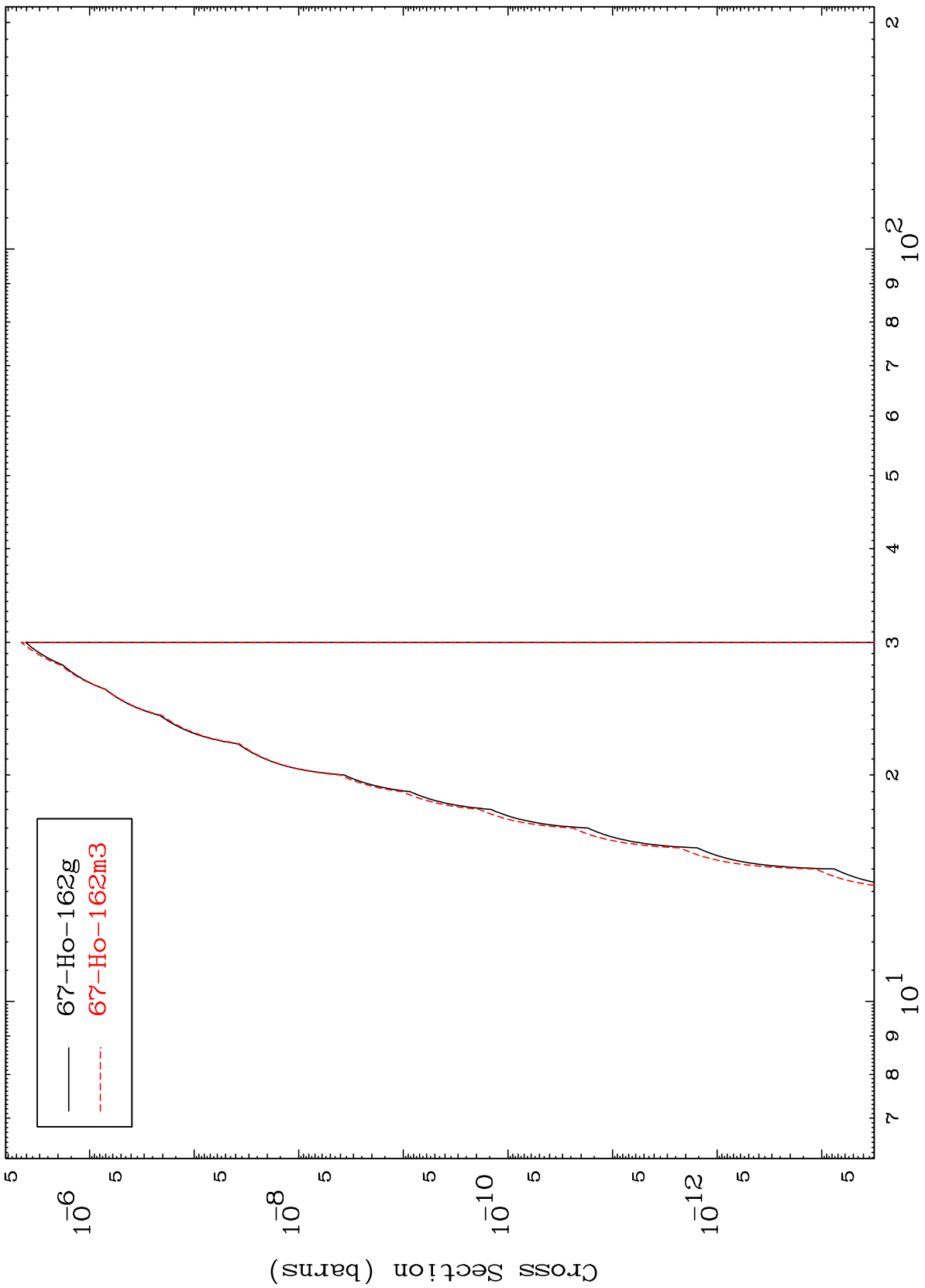
68-Er-163

MAT 6828

(n,p) d

68-Er-163

Radionuclide Production Cross Section



24

Incident Energy (MeV)

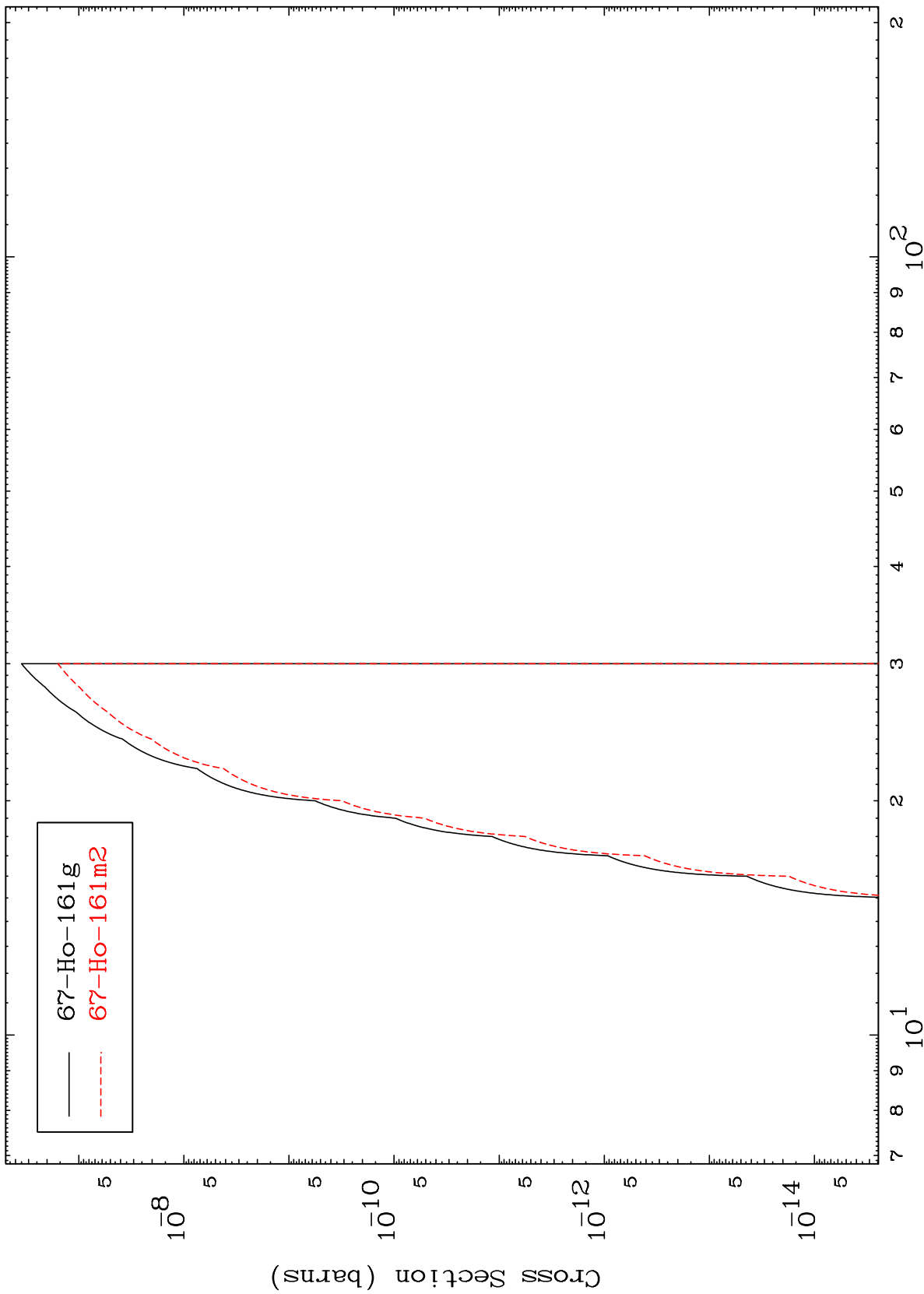
68-Er-163

MAT 6828

(n,p) t

68-Er-163

Radionuclide Production Cross Section



25

Incident Energy (MeV)

68-Er-163