

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

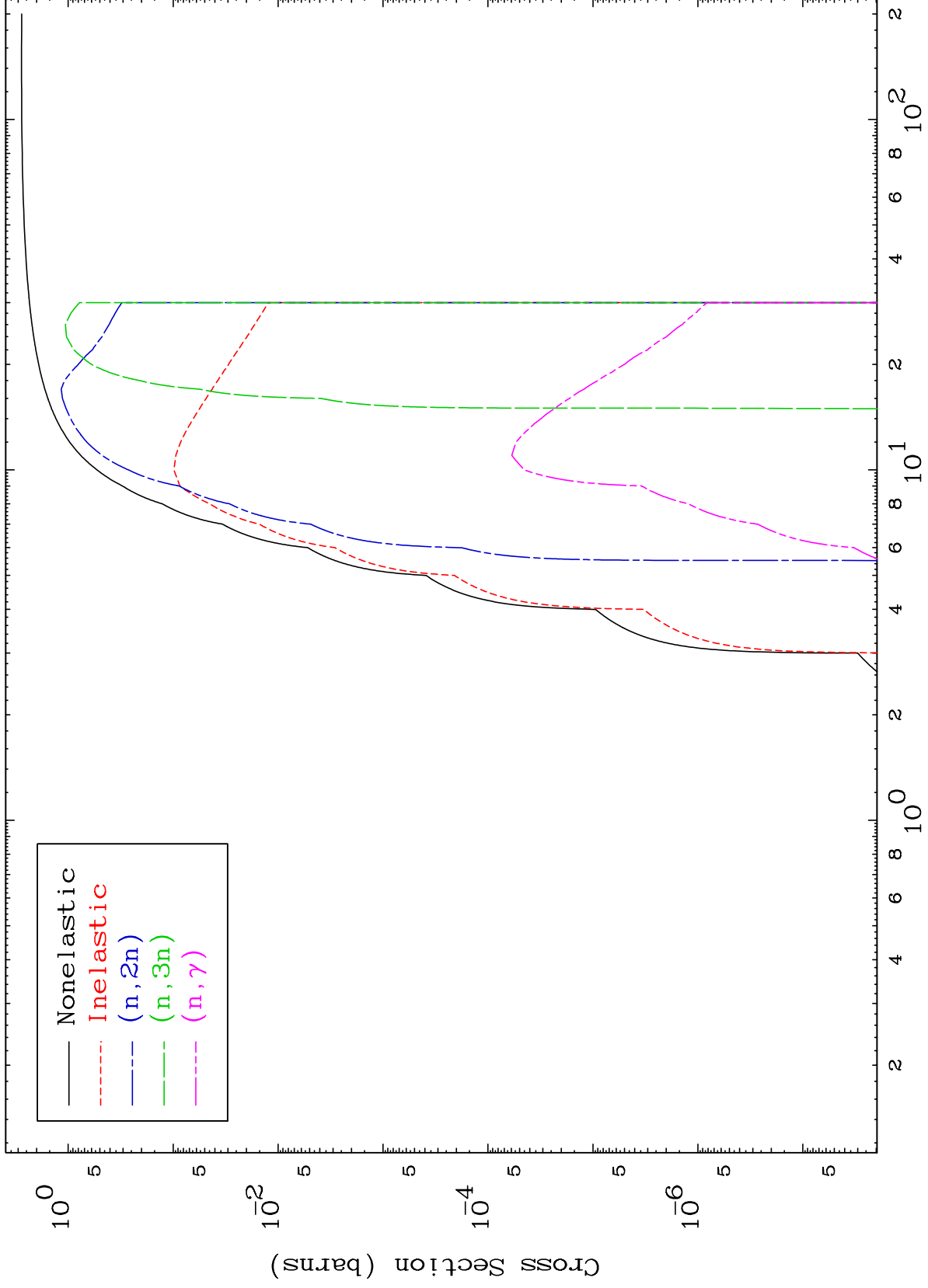
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Web:redcullen1.net/HOMEPAGE.NEW

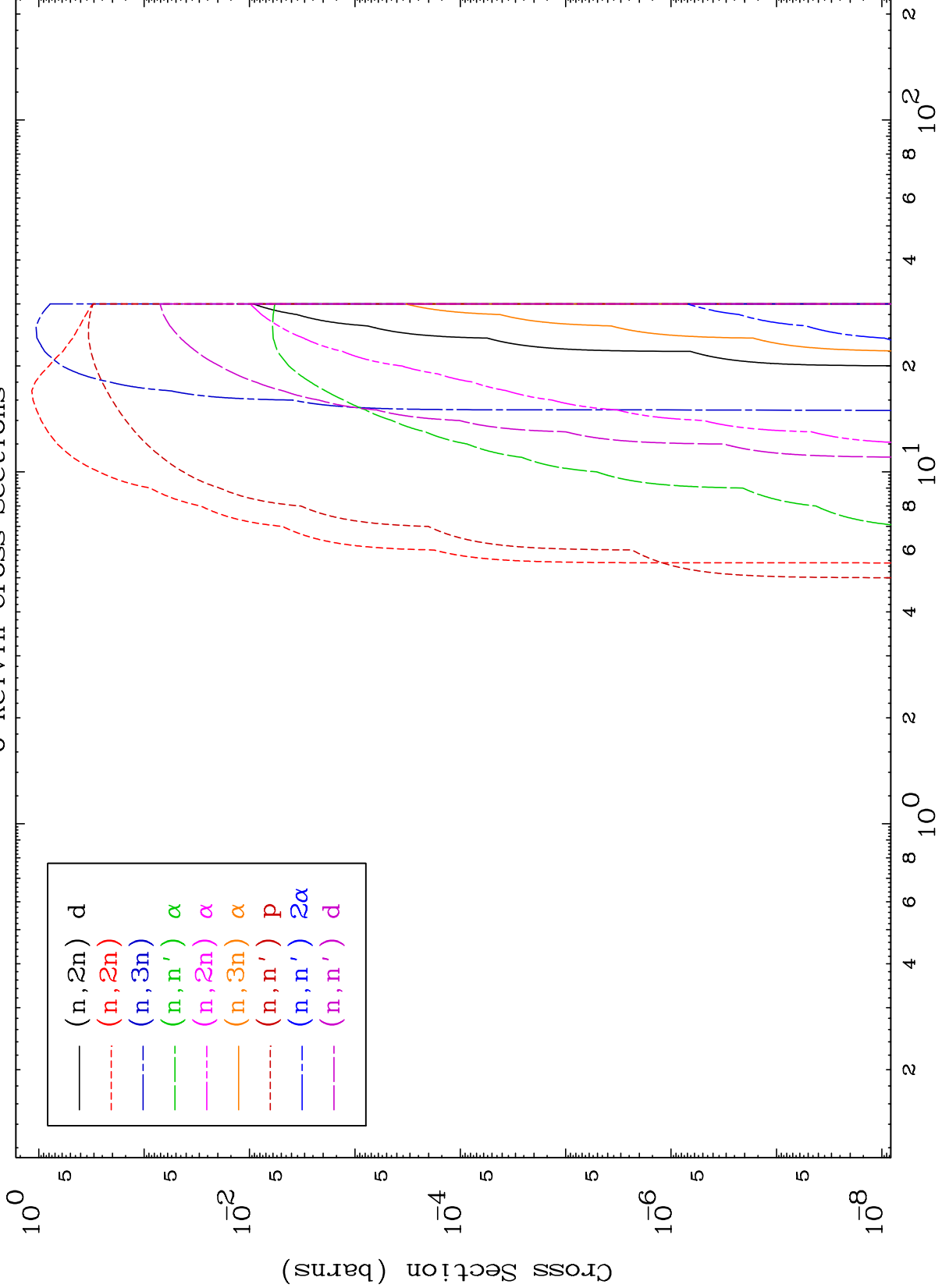
Press Mouse Button to Start



MAT 6828

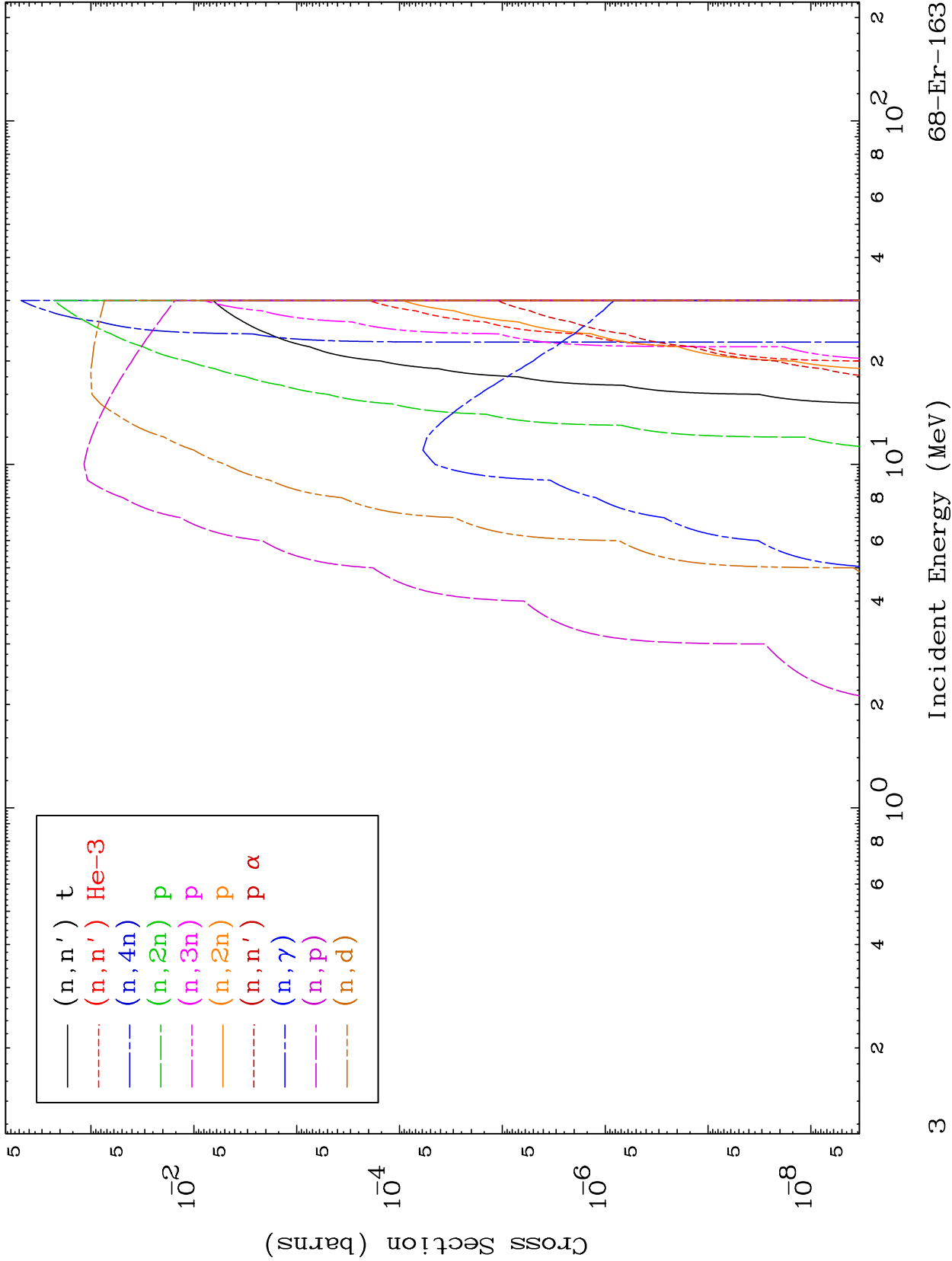
Deuteron Neutron Absorption
0 Kelvin Cross Sections

68-Er-163



Incident Energy (MeV)

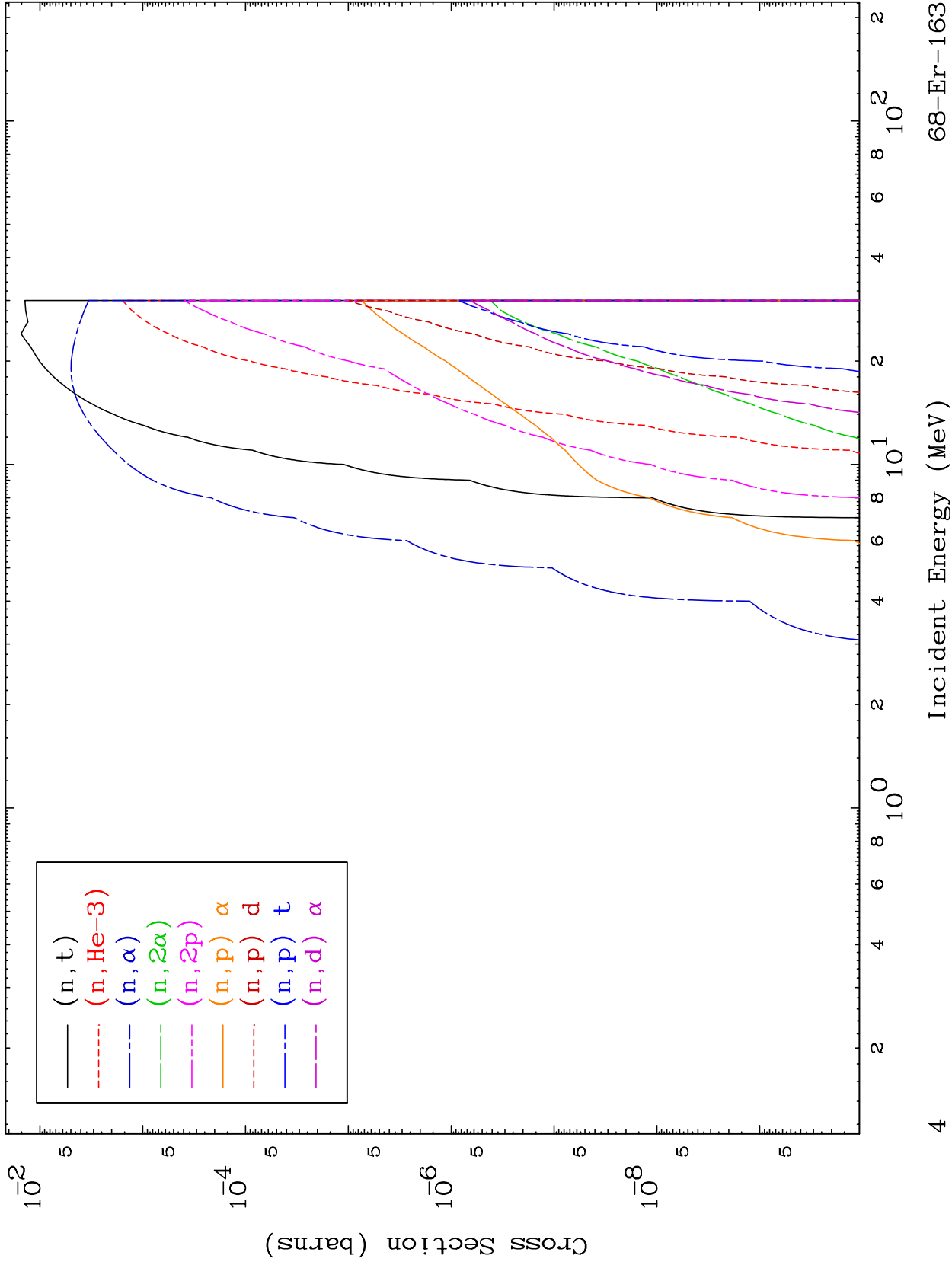
68-Er-163



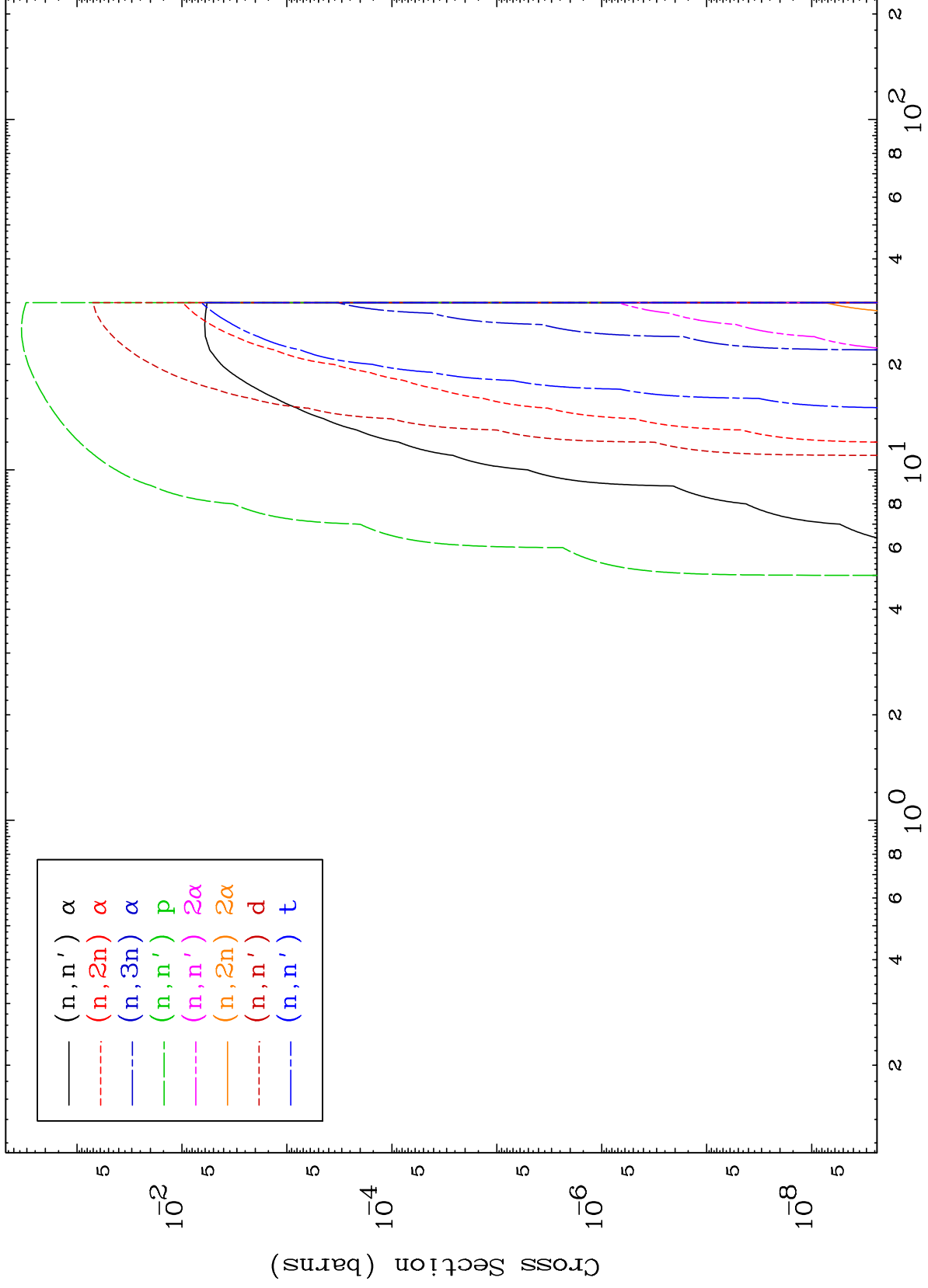
MAT 6828

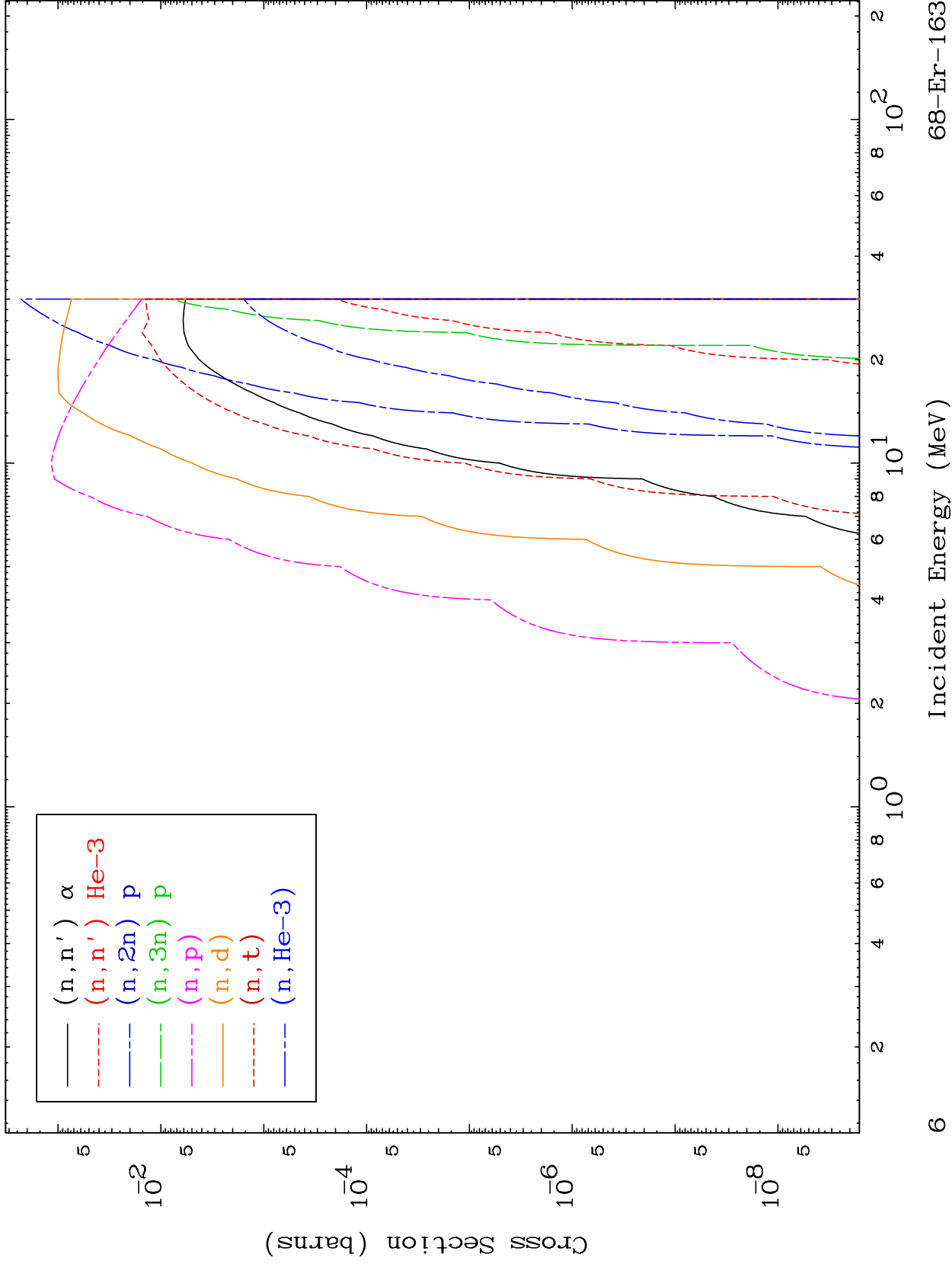
Deuteron Neutron Absorption
0 Kelvin Cross Sections

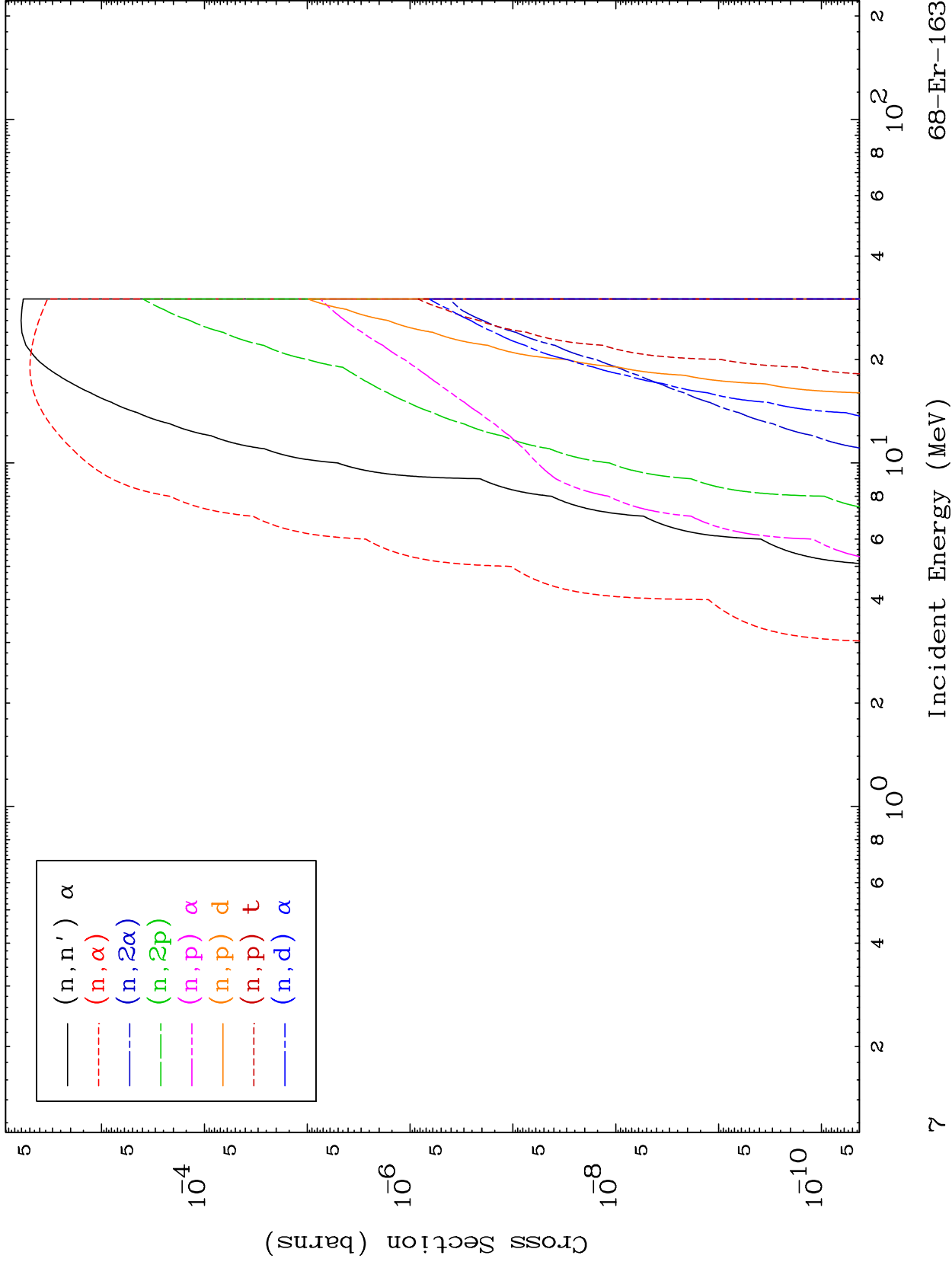
68-Er-163



68-Er-163



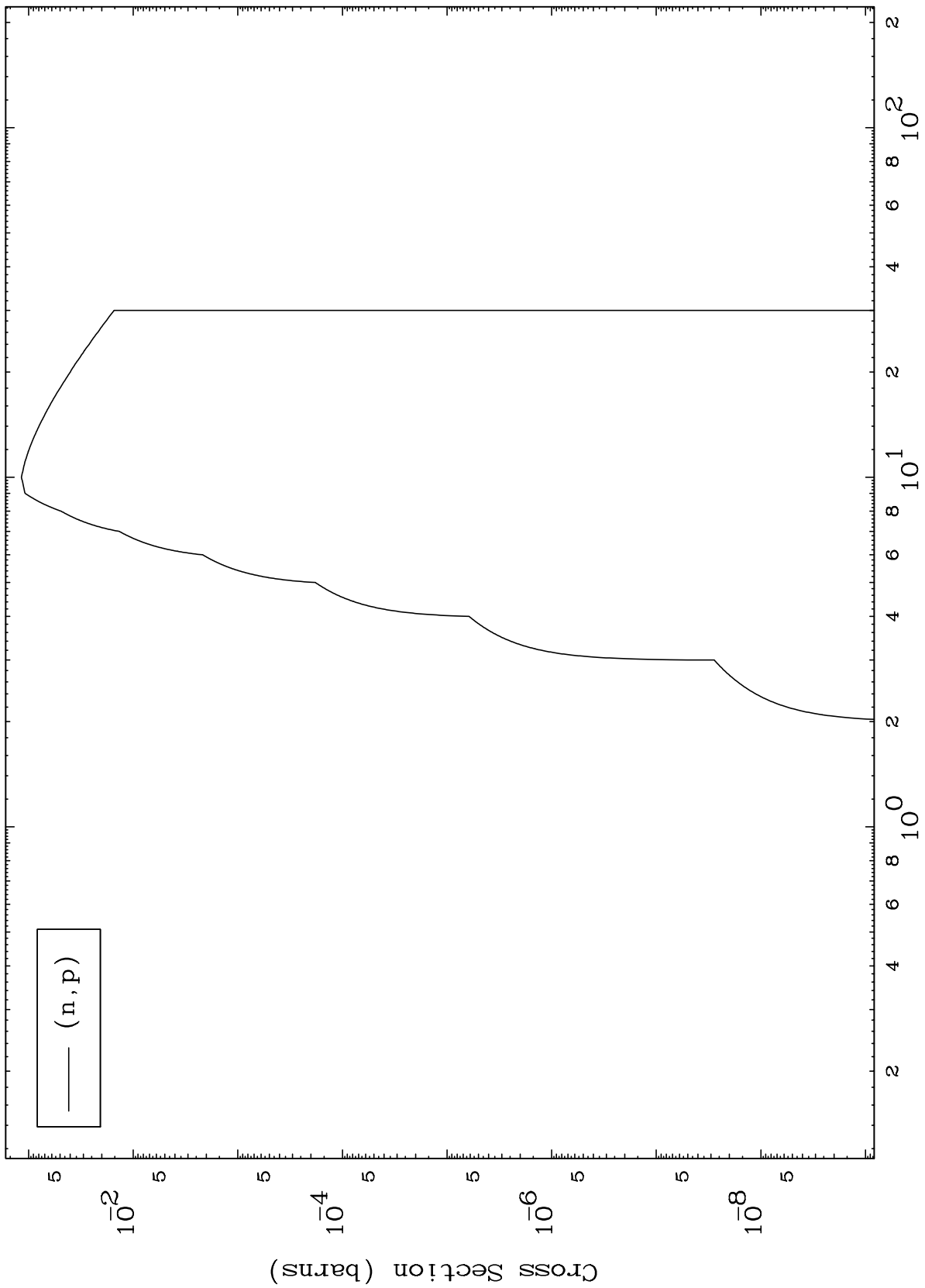




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68-Er-163

(d,p) Levels
0 Kelvin Cross Sections

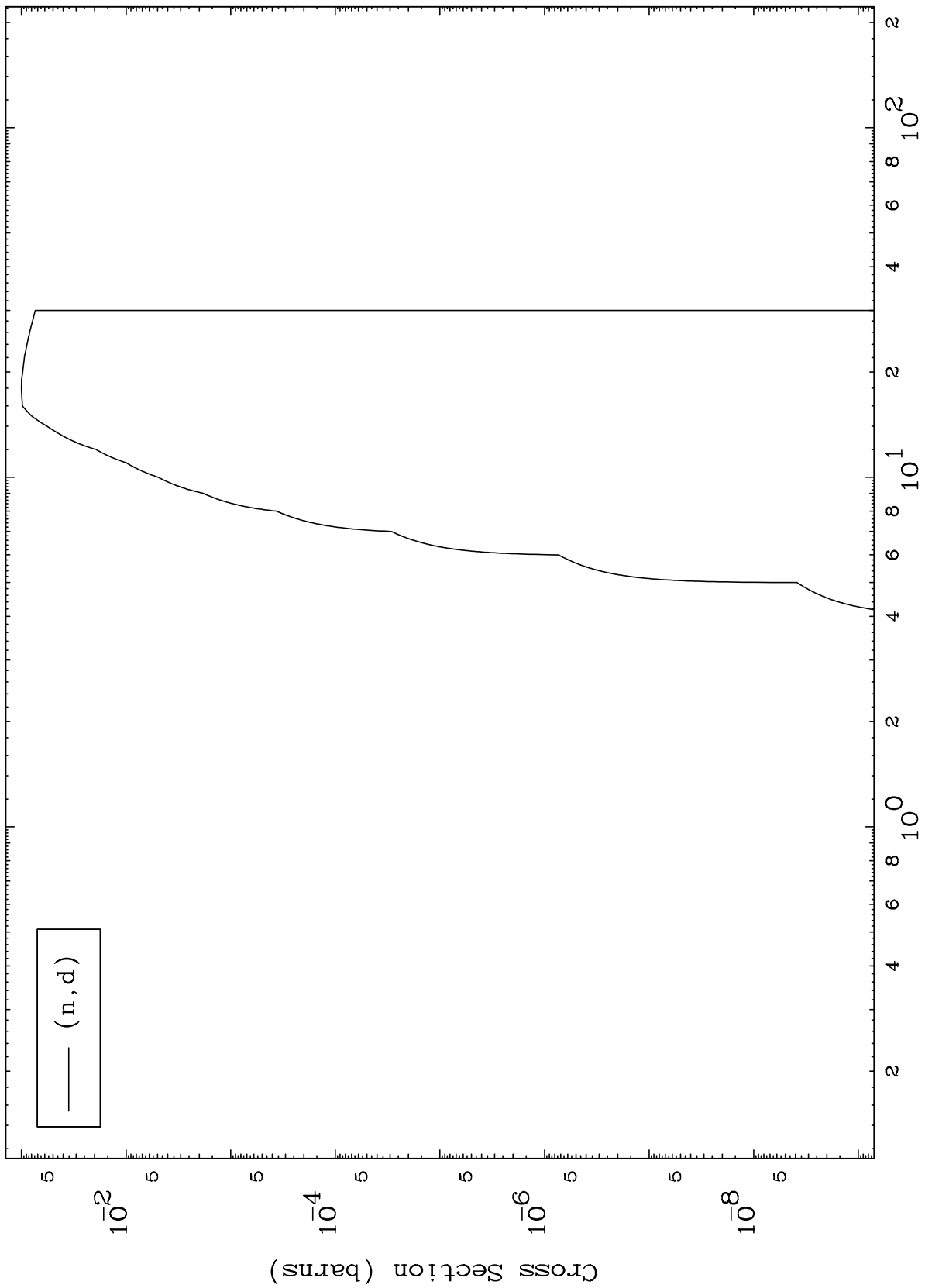


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(d,d) Levels

68-Er-163

0 Kelvin Cross Sections

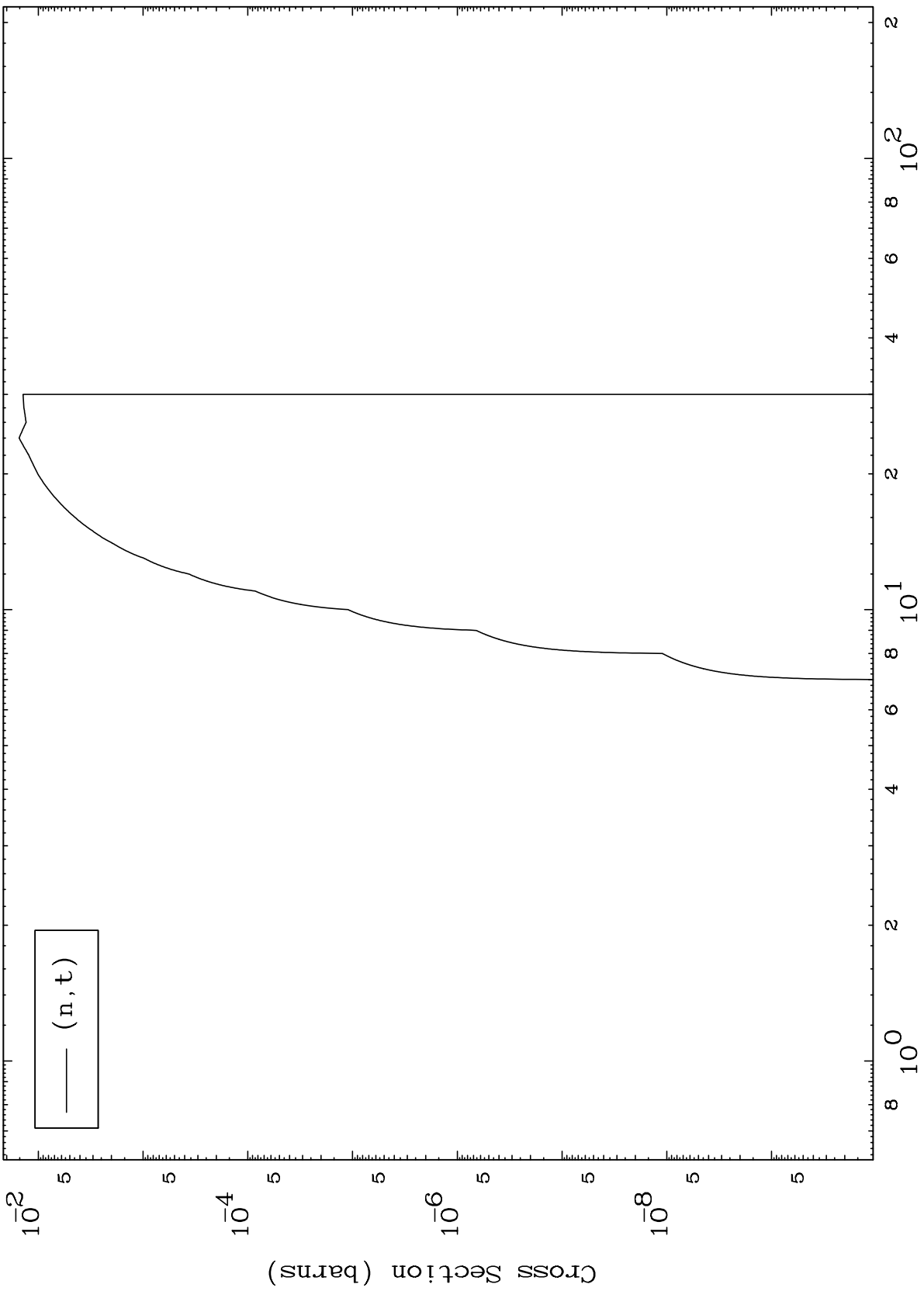


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(d,t) Levels

68-Er-163

0 Kelvin Cross Sections



10

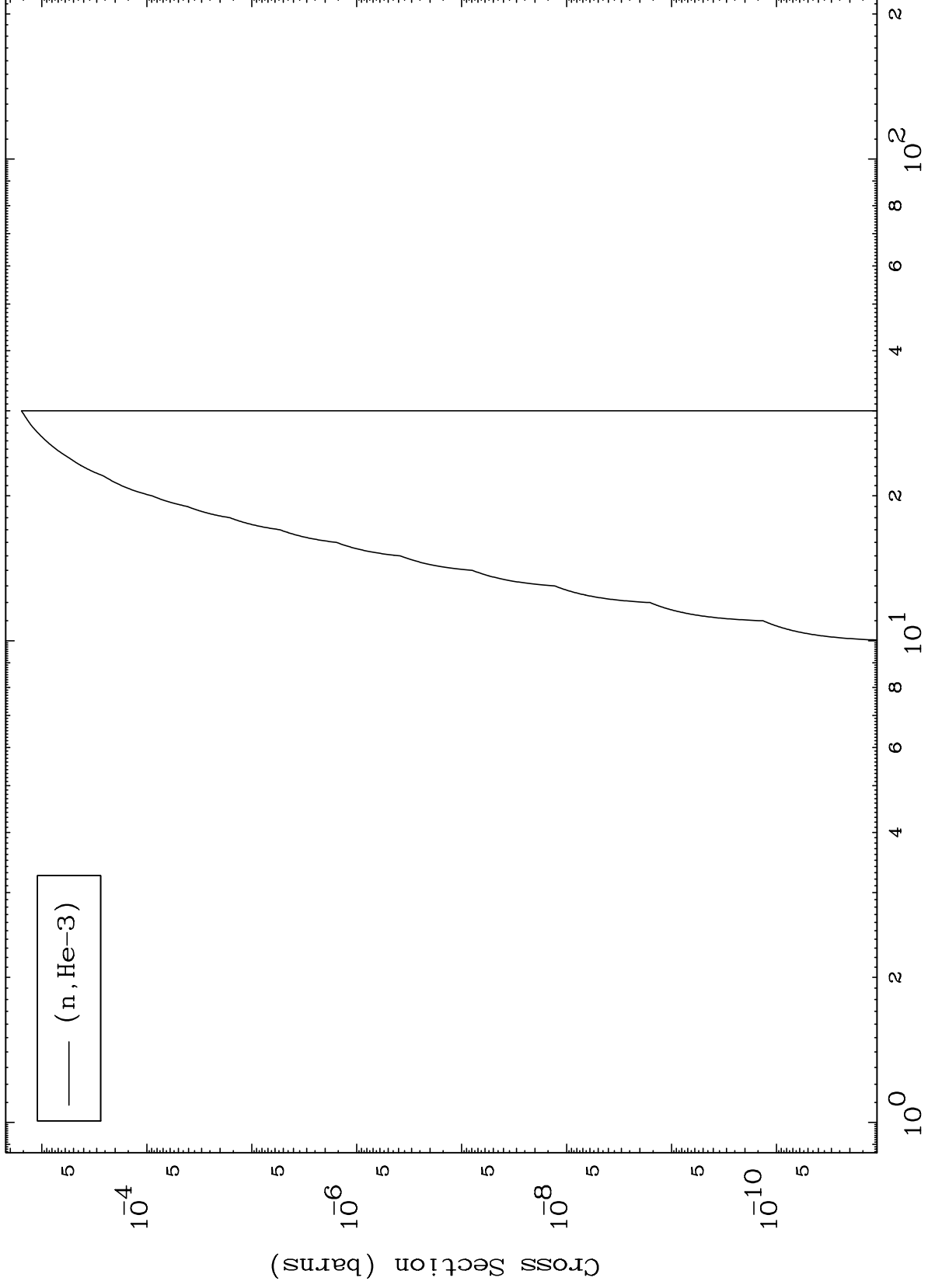
Incident Energy (MeV)

68-Er-163

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(d,He3) Levels
0 Kelvin Cross Sections

68-Er-163



(n, He-3)

11

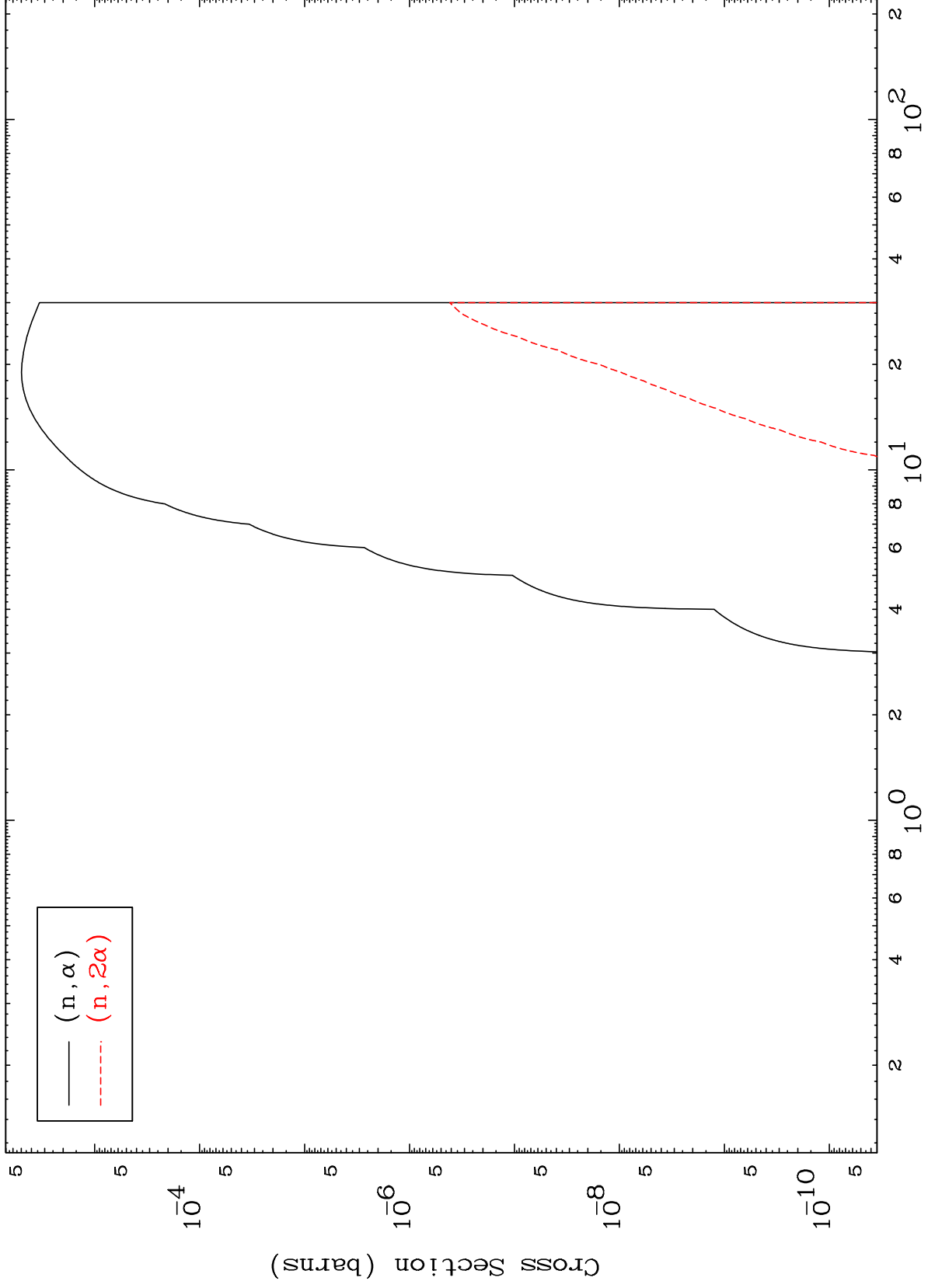
Incident Energy (MeV)

68-Er-163

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(d, α) Levels
0 Kelvin Cross Sections

68-Er-163



12

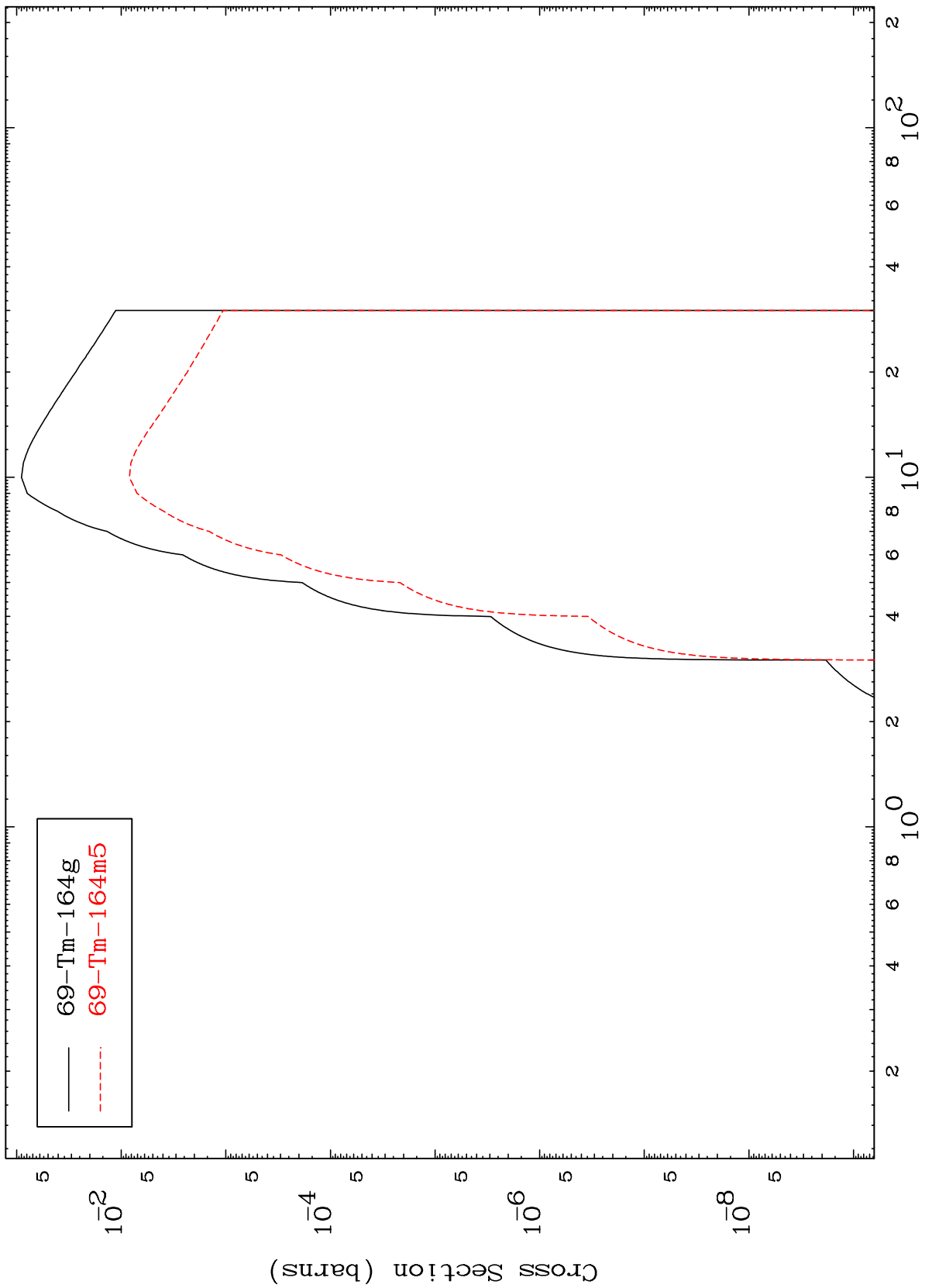
Incident Energy (MeV)

68-Er-163

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68-Er-163

Inelastic
Radionuclide Production Cross Section



13

68-Er-163

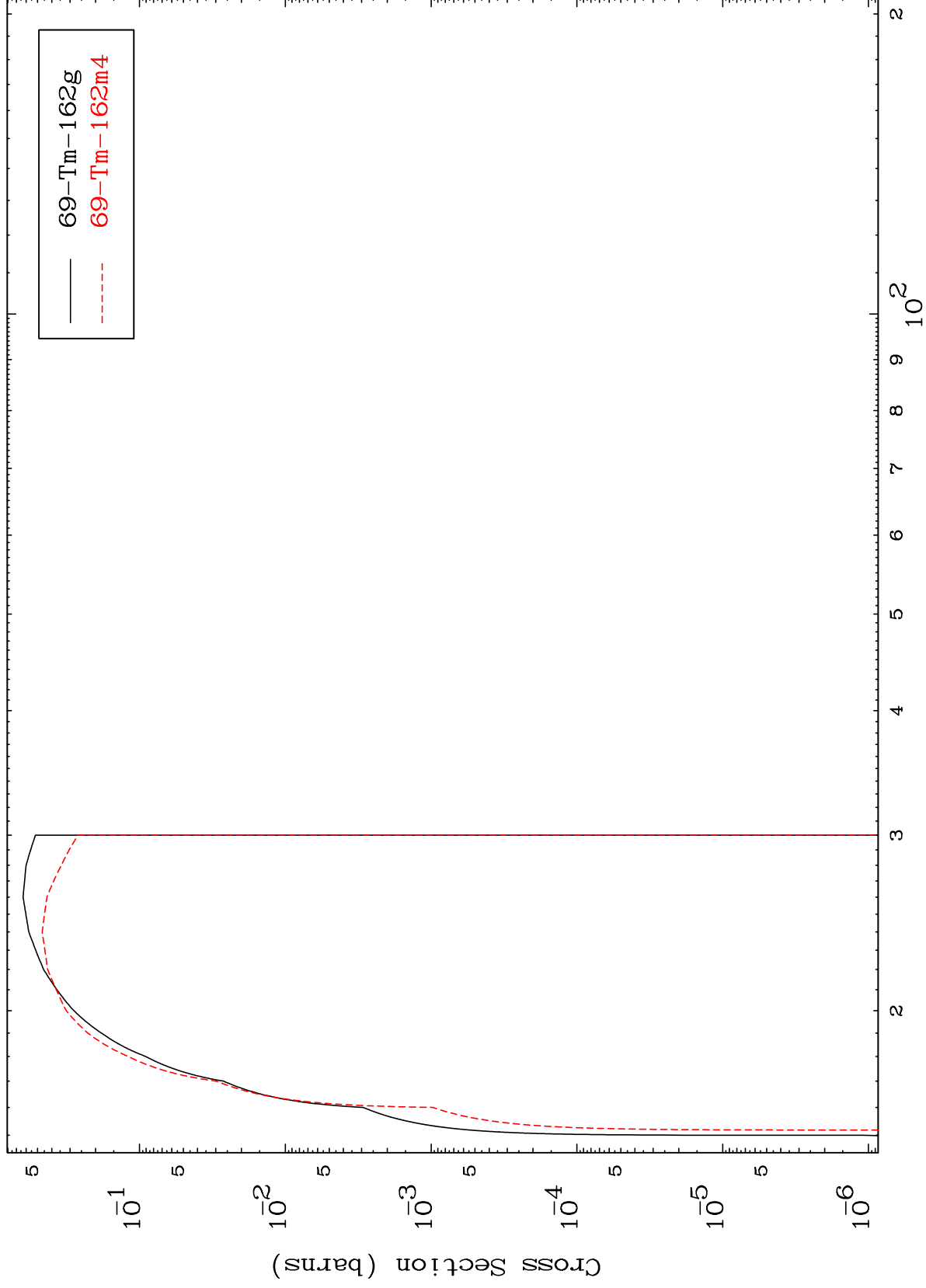
Incident Energy (MeV)

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(n,3n)

68-Er-163

Radionuclide Production Cross Section



14

Incident Energy (MeV)

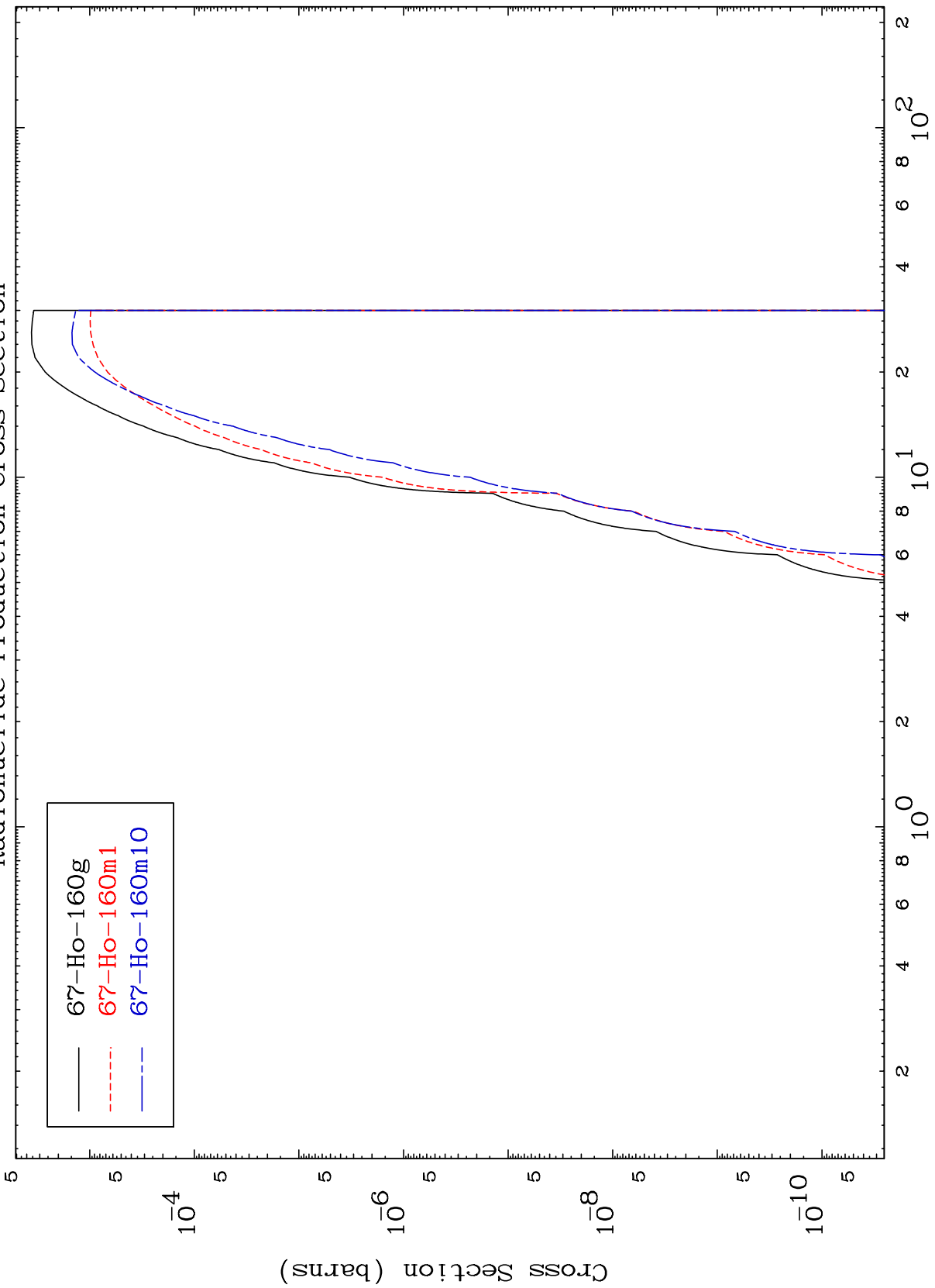
68-Er-163

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$(n, n') \alpha$

68-Er-163

Radionuclide Production Cross Section



15

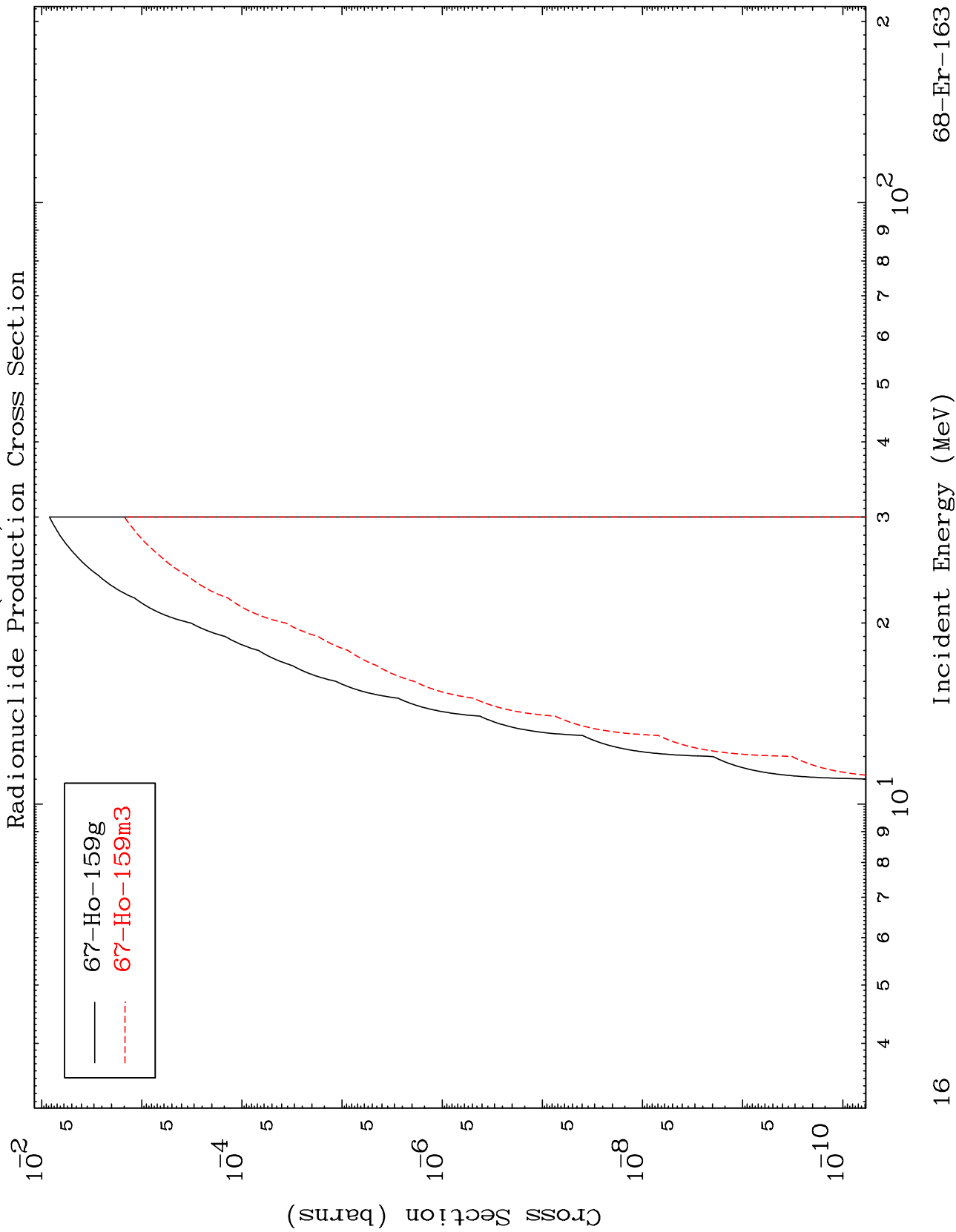
Incident Energy (MeV)

68-Er-163

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$(n,2n) \alpha$

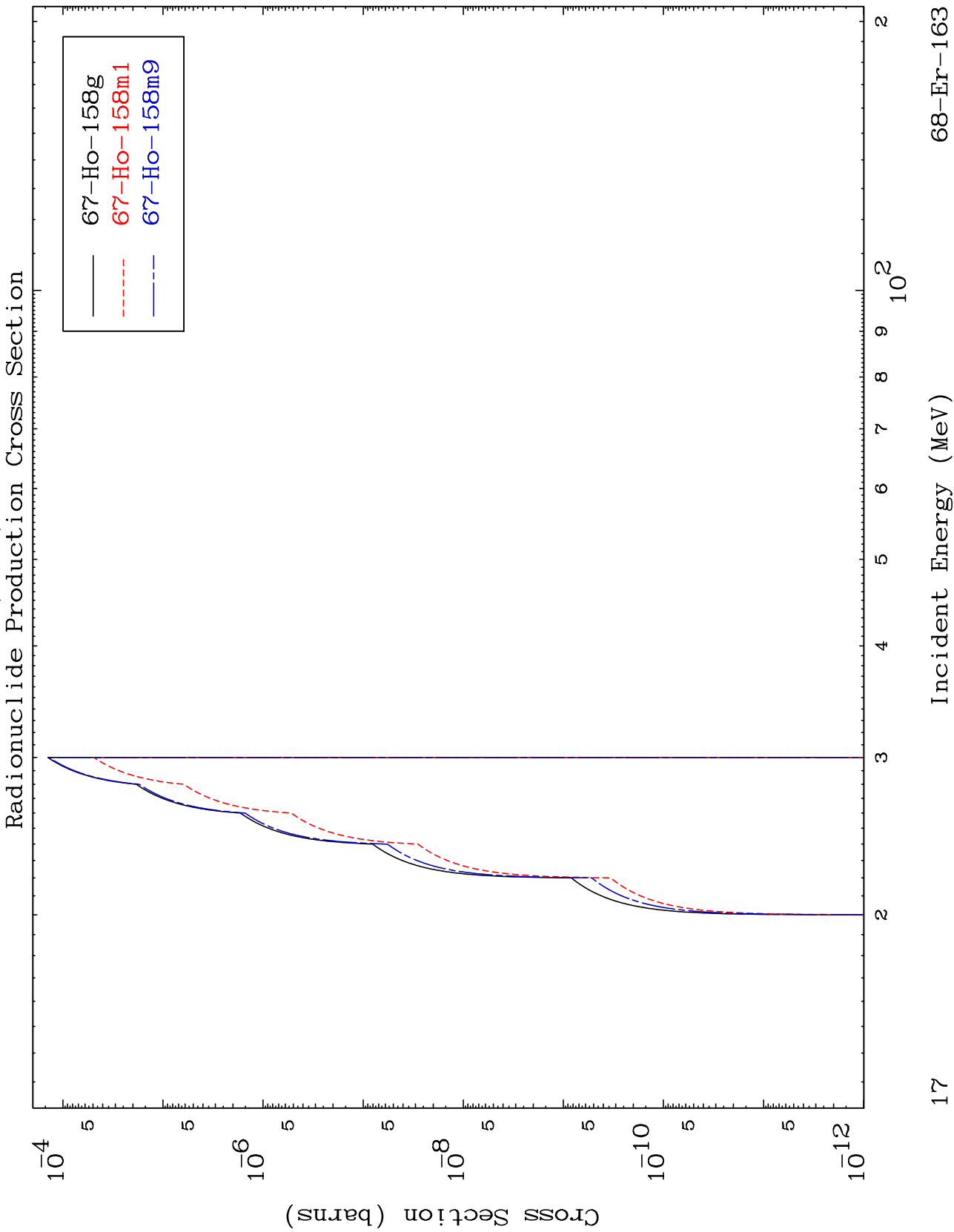
68-Er-163



16

Incident Energy (MeV)

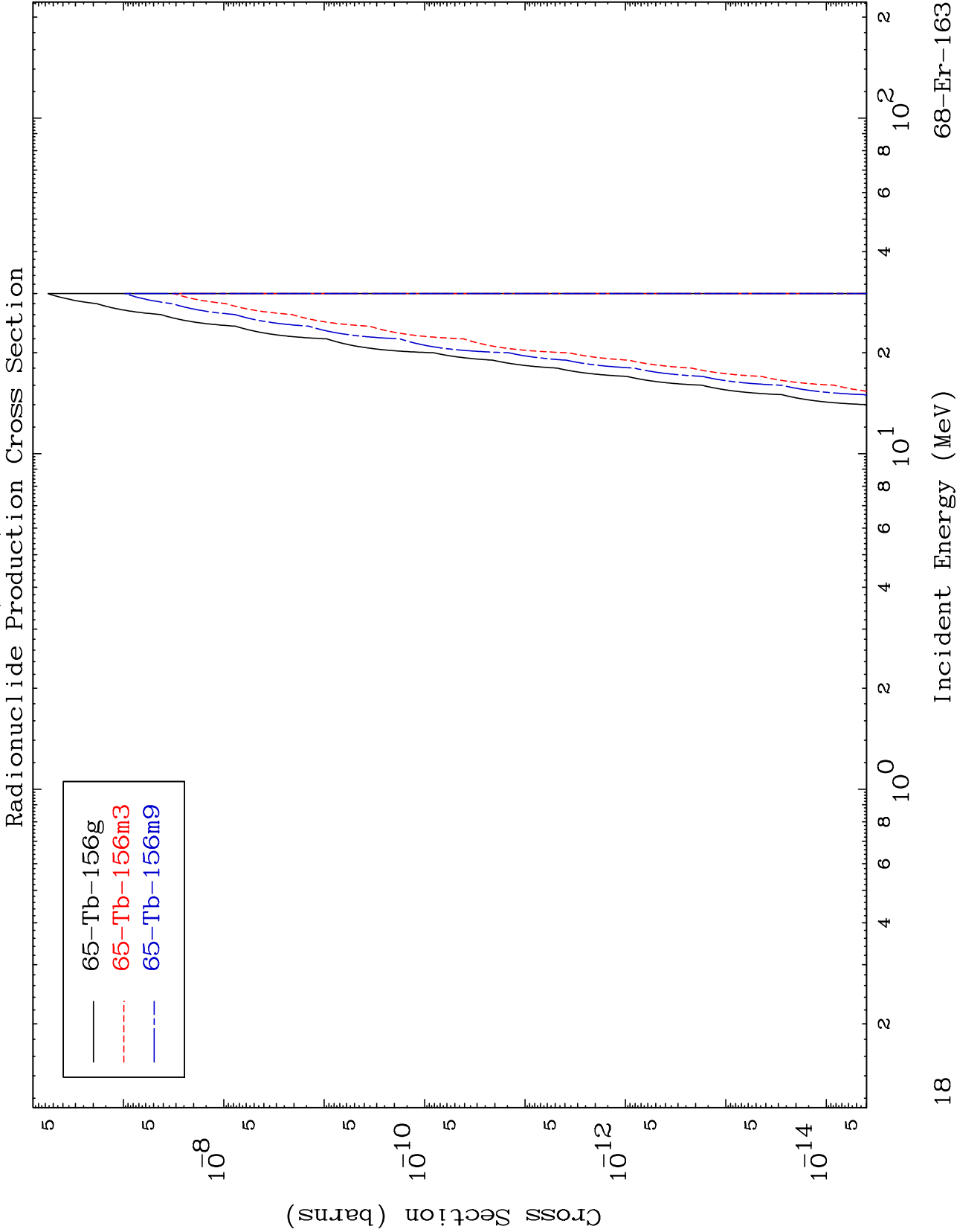
68-Er-163



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(n,n') 2 α

68-Er-163

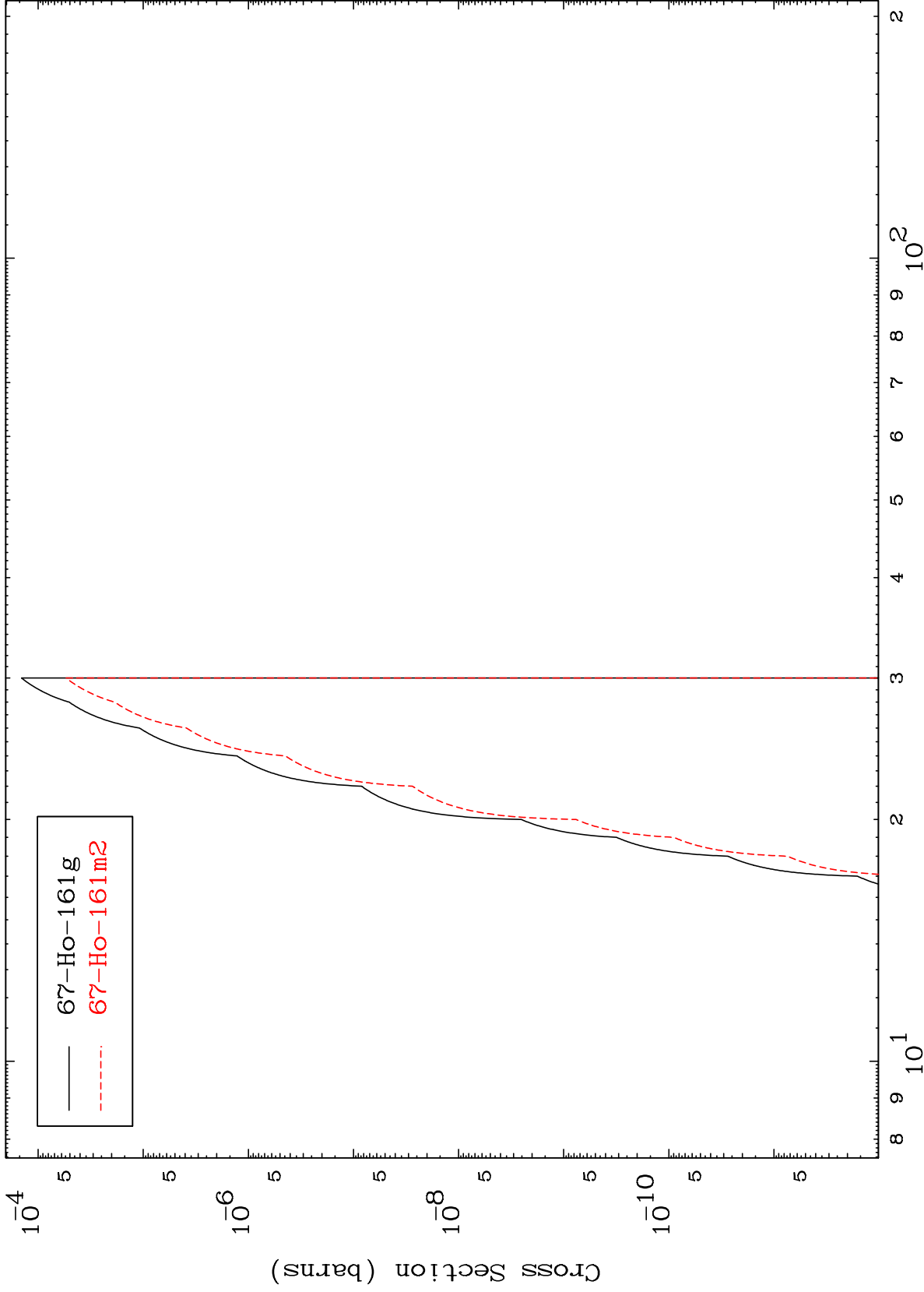


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(n,n') He-3

68-Er-163

Radionuclide Production Cross Section



19

Incident Energy (MeV)

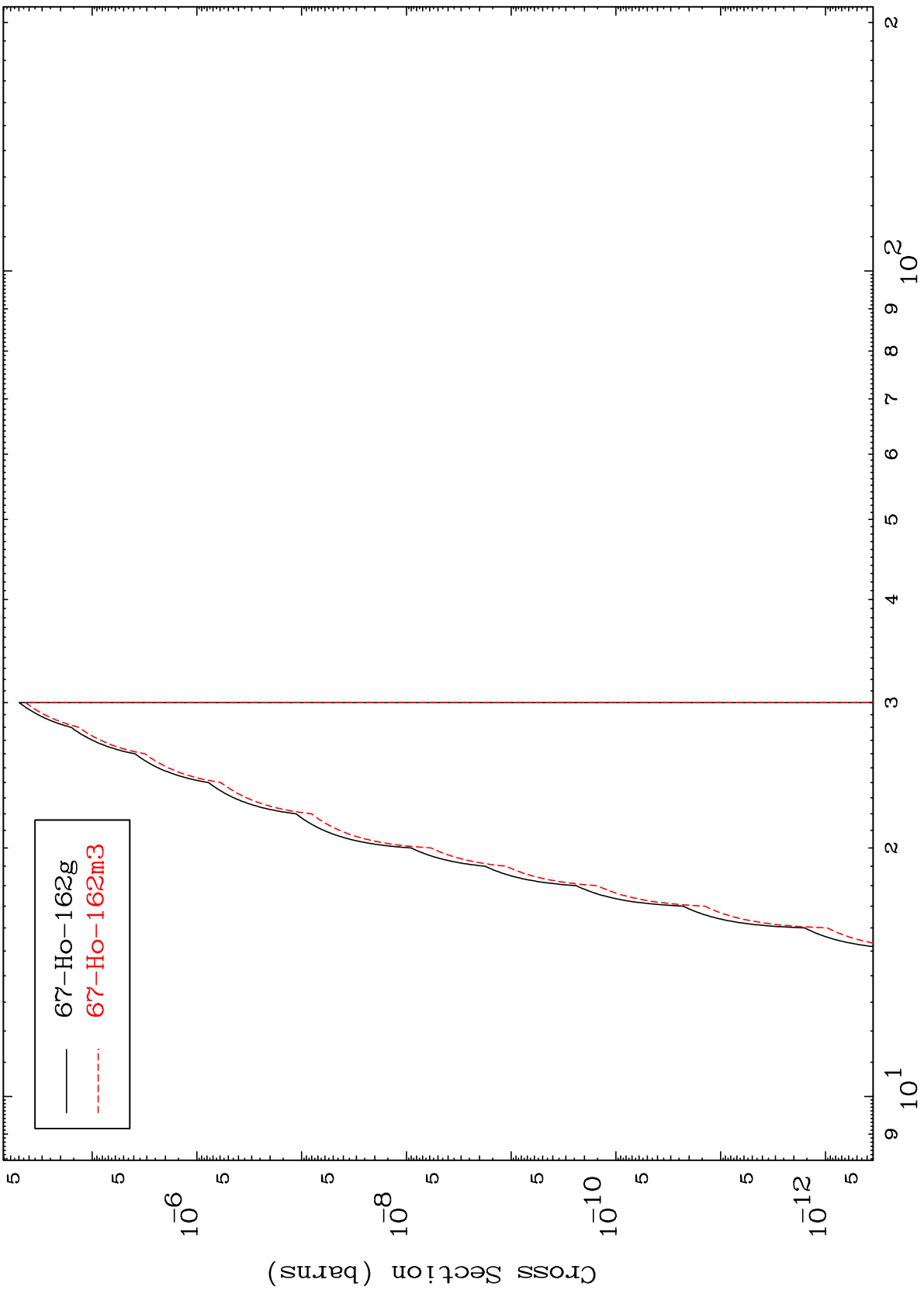
68-Er-163

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(n,2n) p

68-Er-163

Radionuclide Production Cross Section



67-Ho-162g
67-Ho-162m3

20

Incident Energy (MeV)

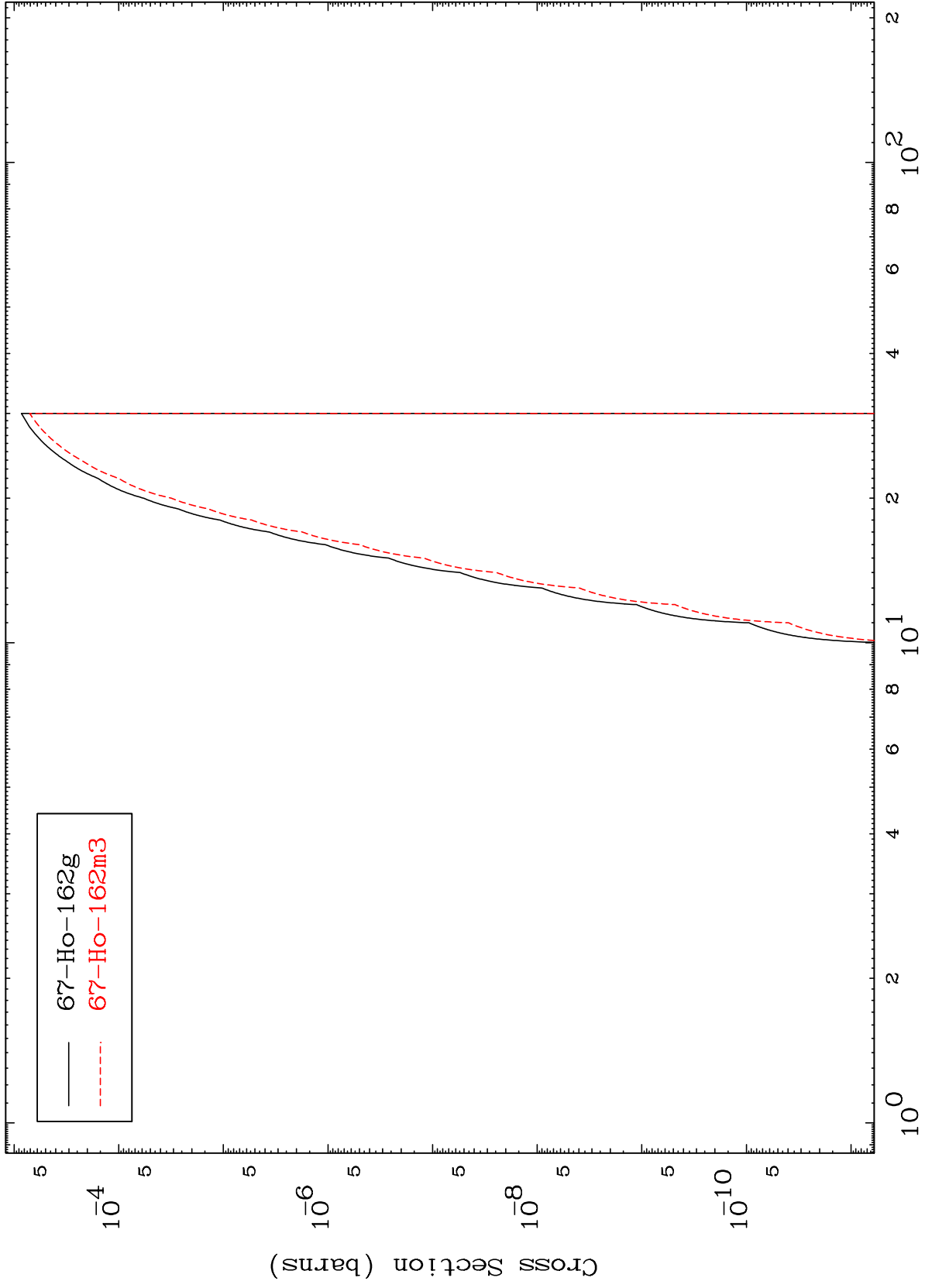
68-Er-163

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(n,He-3)

68-Er-163

Radionuclide Production Cross Section



— $^{67}\text{Ho-162g}$
- - - $^{67}\text{Ho-162m3}$

21

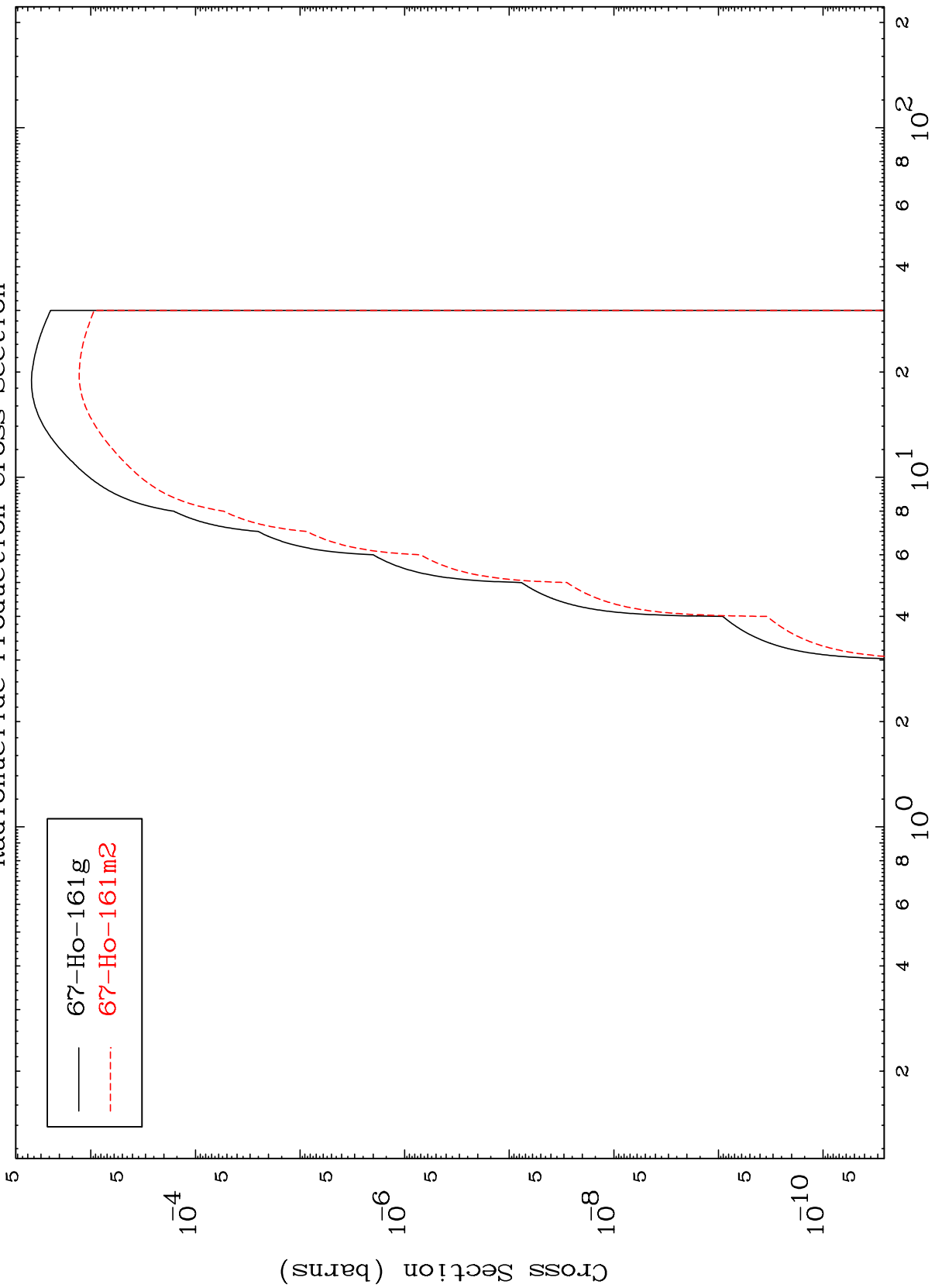
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

(n, α)
Radionuclide Production Cross Section

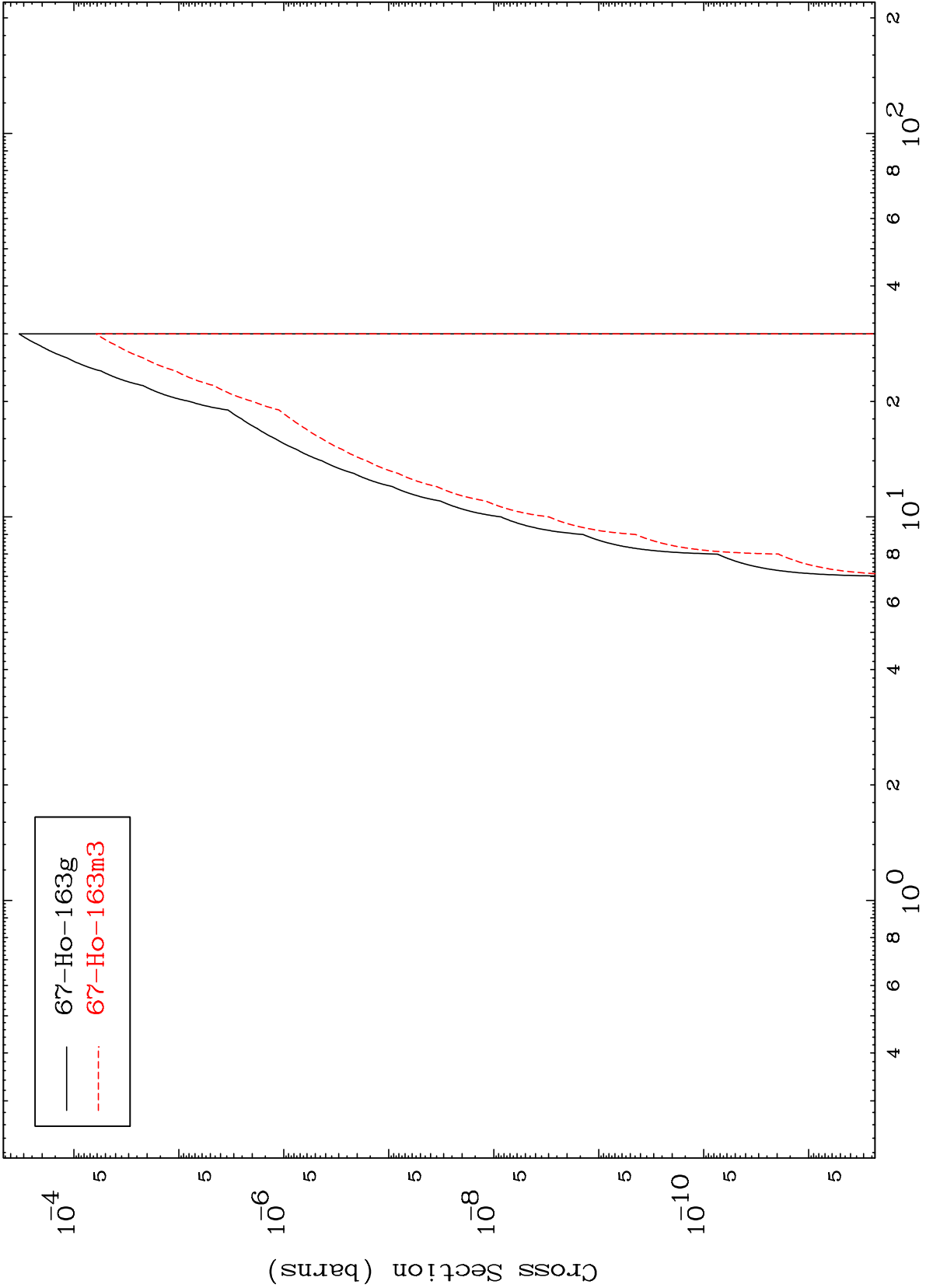


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(n,2p)

68-Er-163

Radionuclide Production Cross Section

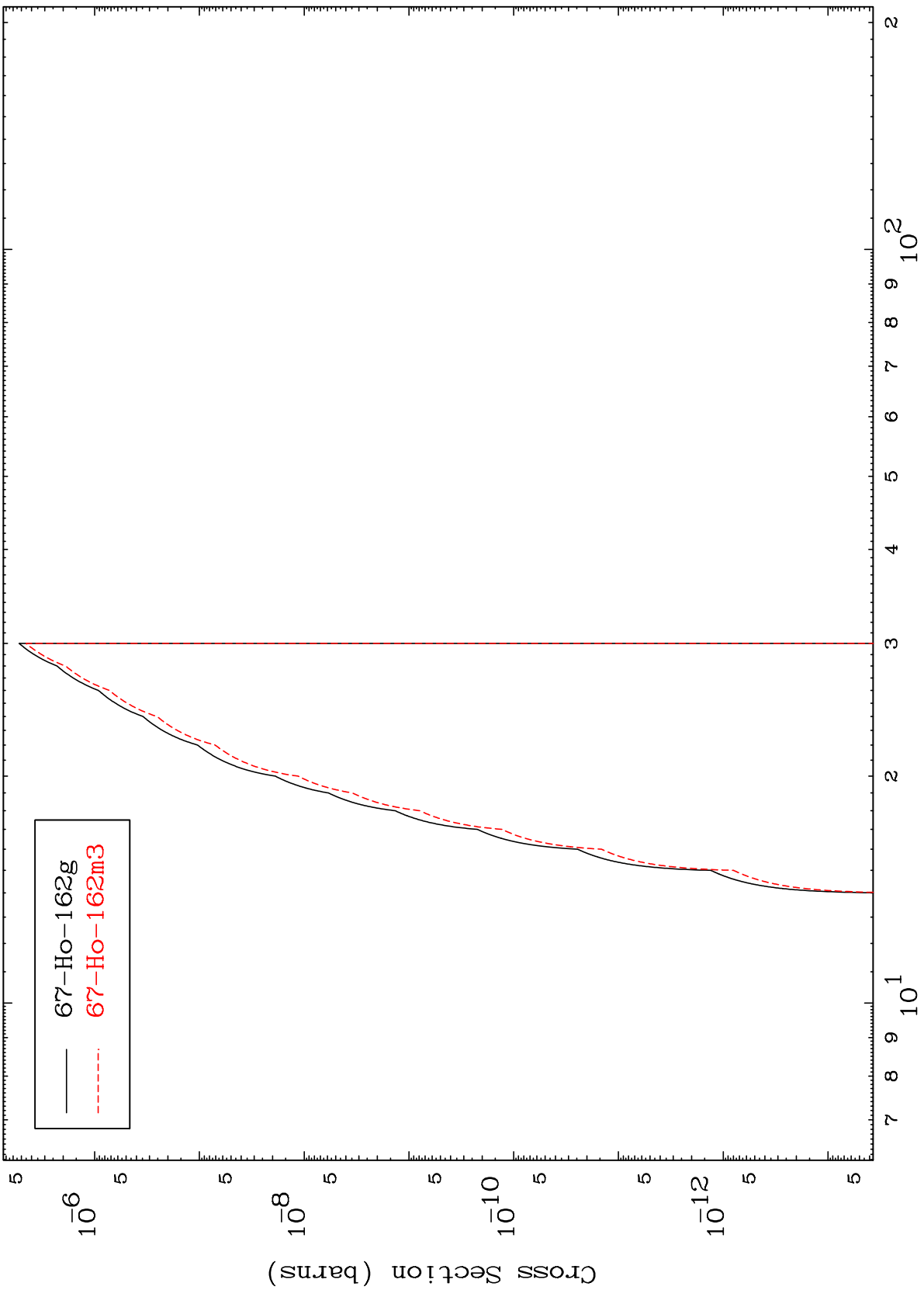


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(n,p) d

68-Er-163

Radionuclide Production Cross Section



24

Incident Energy (MeV)

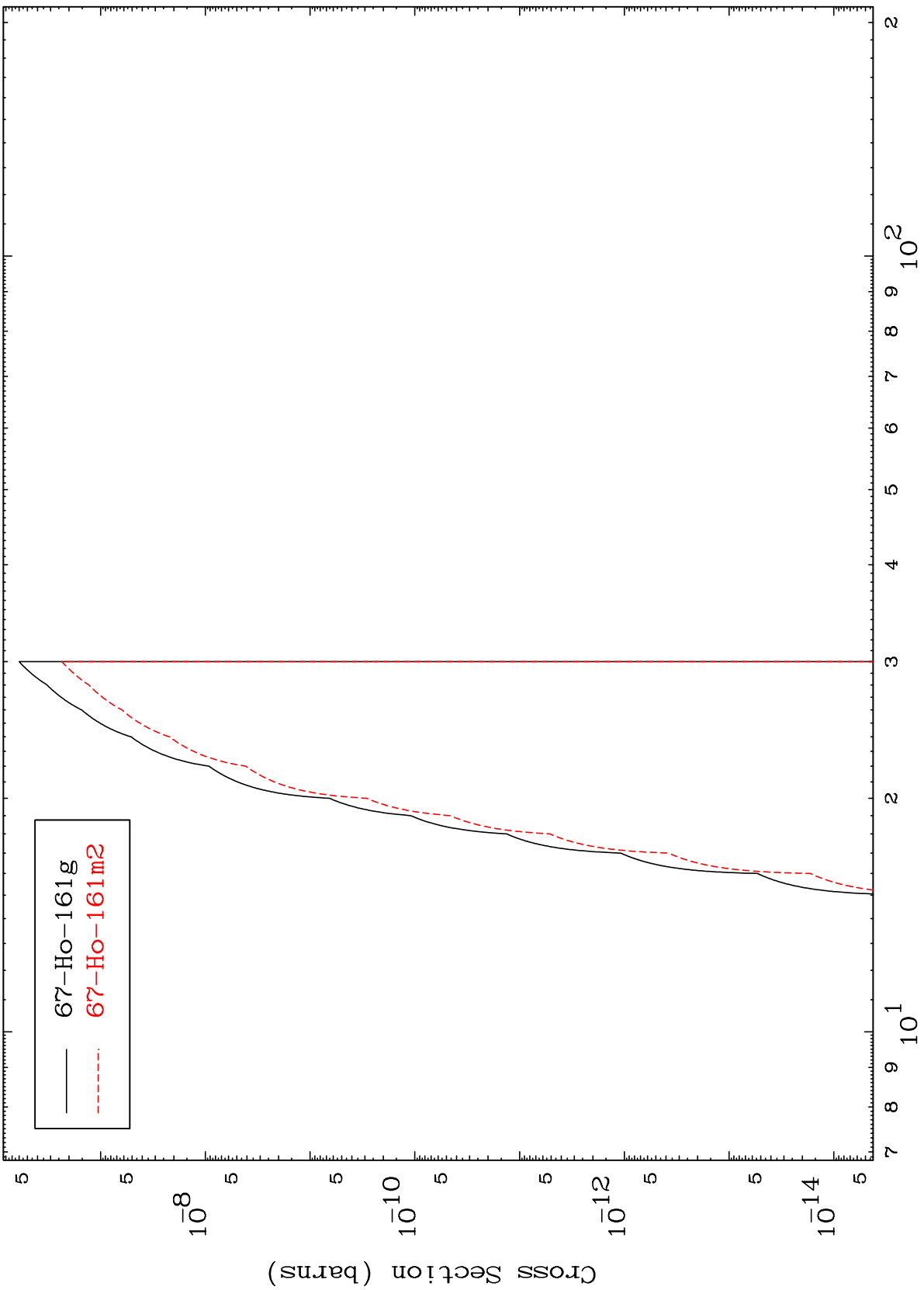
68-Er-163

MAT 6828

(n,p) t

68-Er-163

Radionuclide Production Cross Section



25

Incident Energy (MeV)

68-Er-163