

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

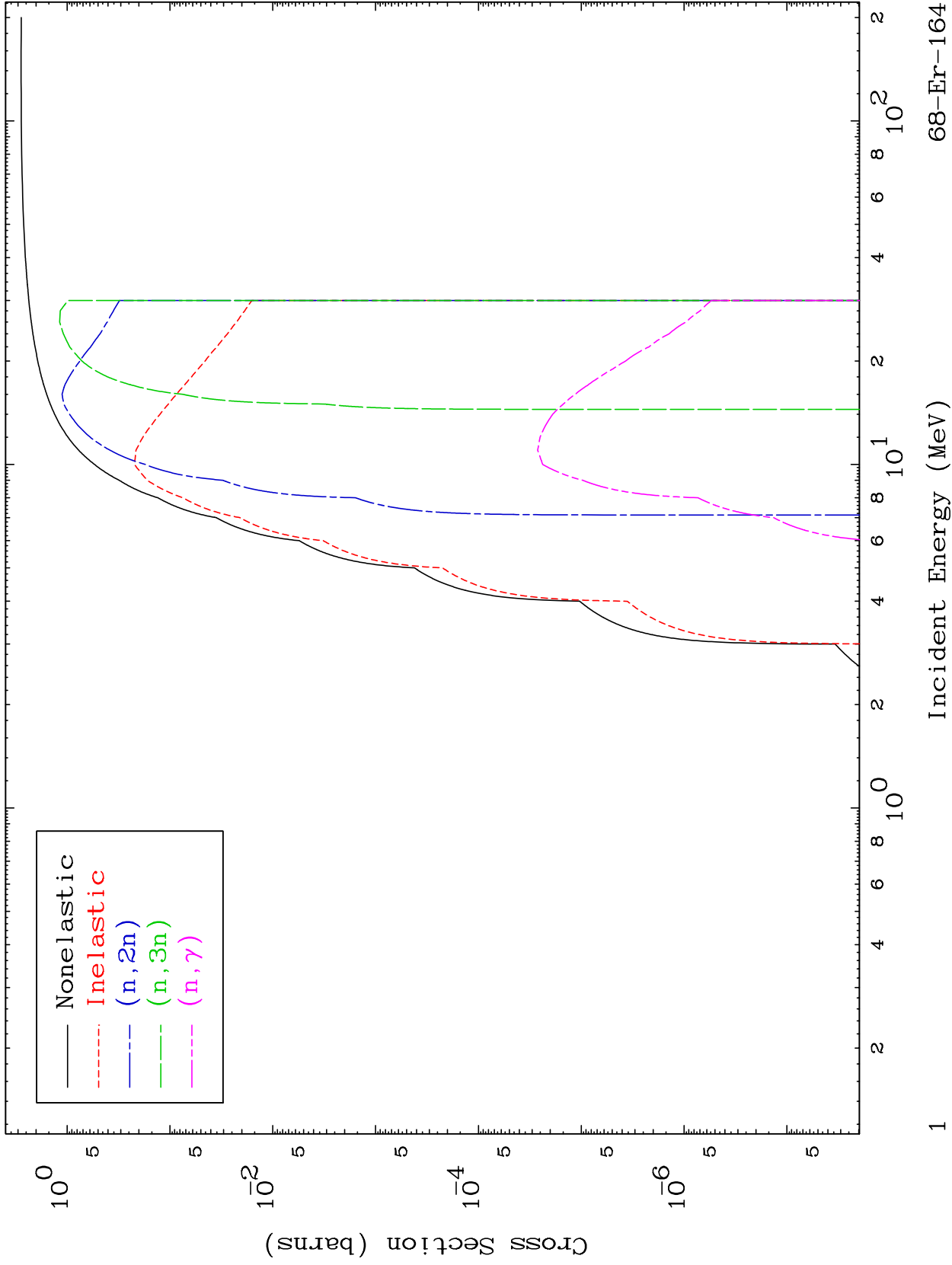
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Web: redcullen1.net/HOMEPAGE.NEW

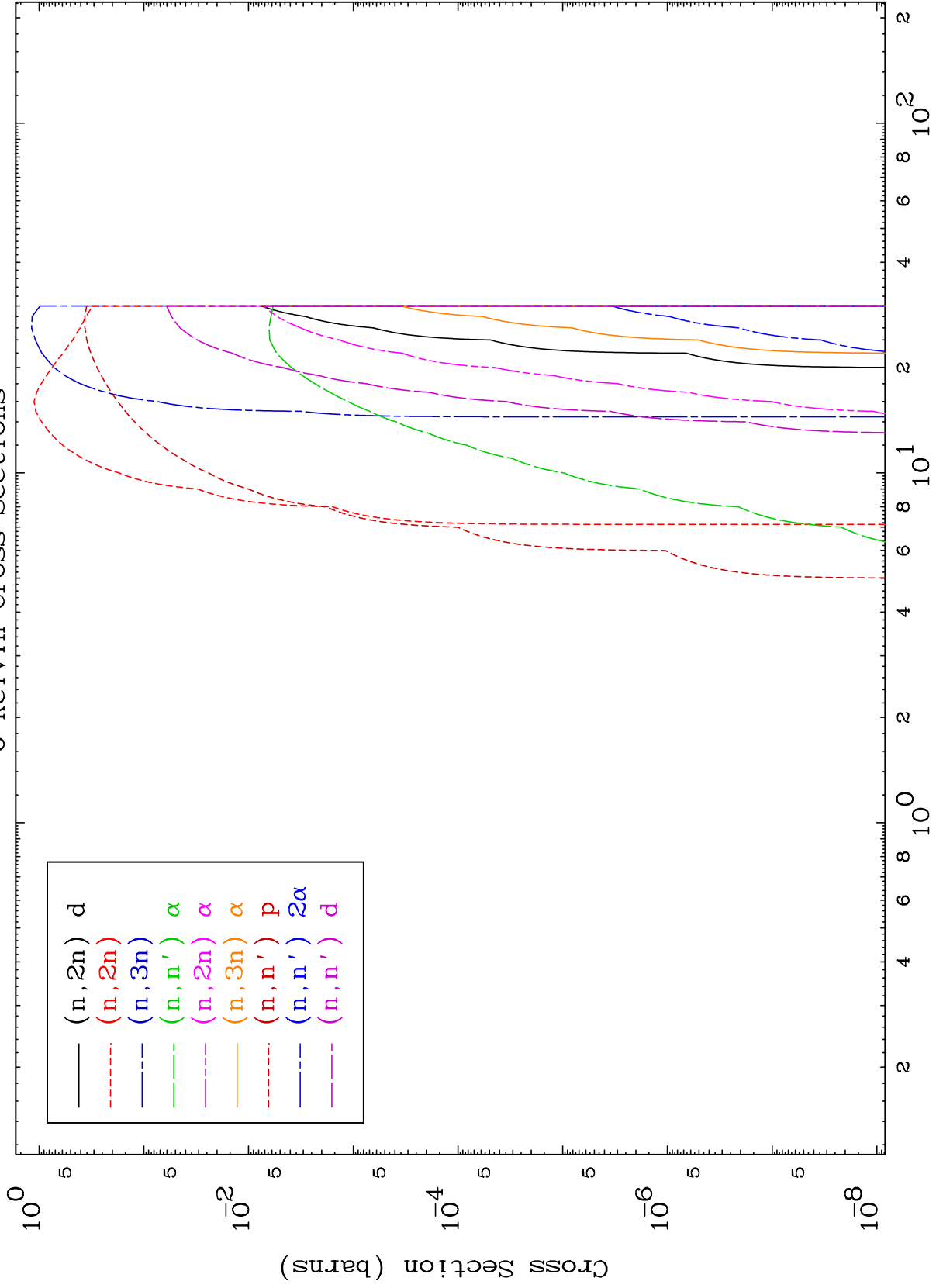
Press Mouse Button to Start

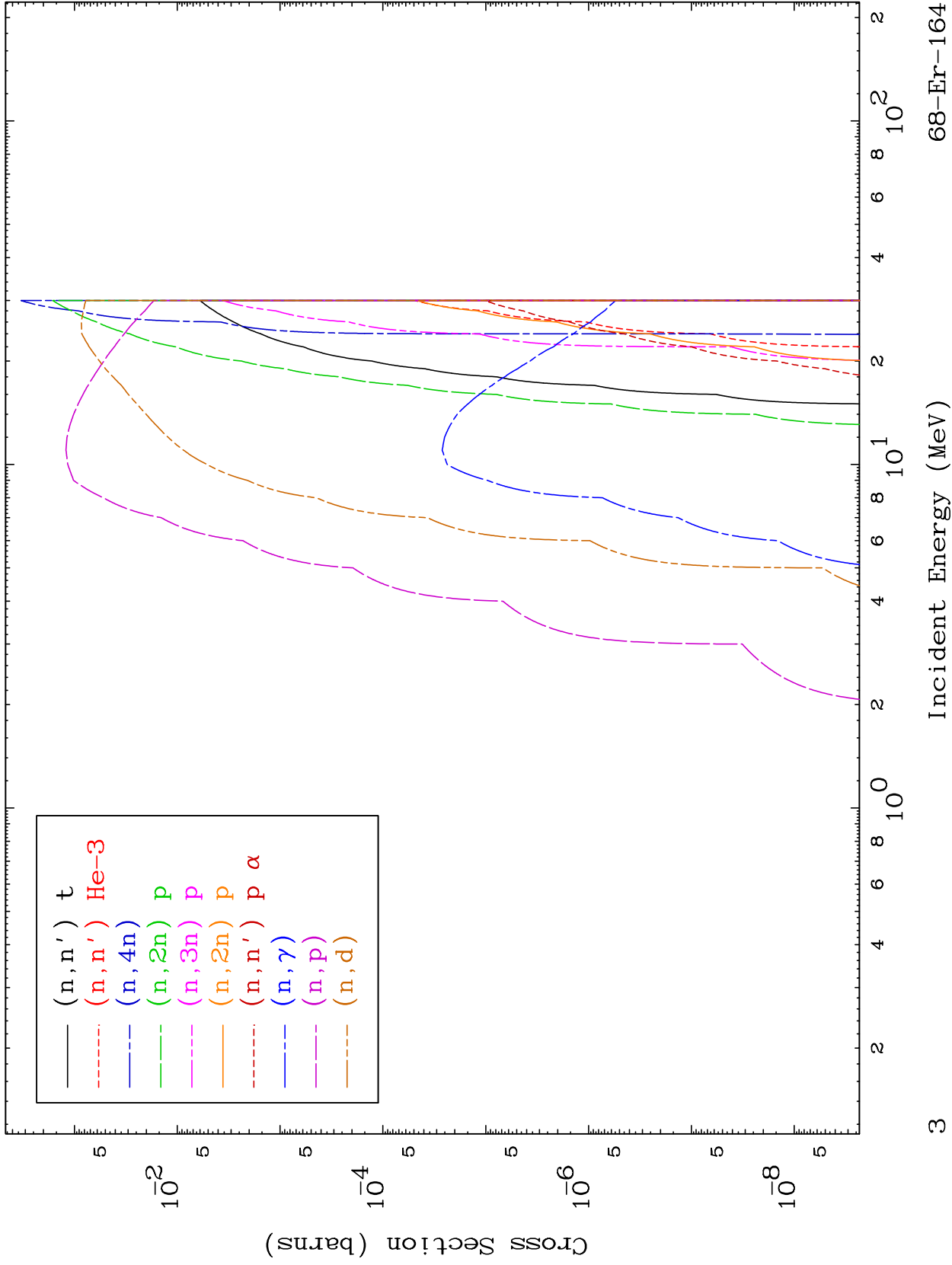


MAT 6831

Deuteron Neutron Absorption
0 Kelvin Cross Sections

68-Er-164

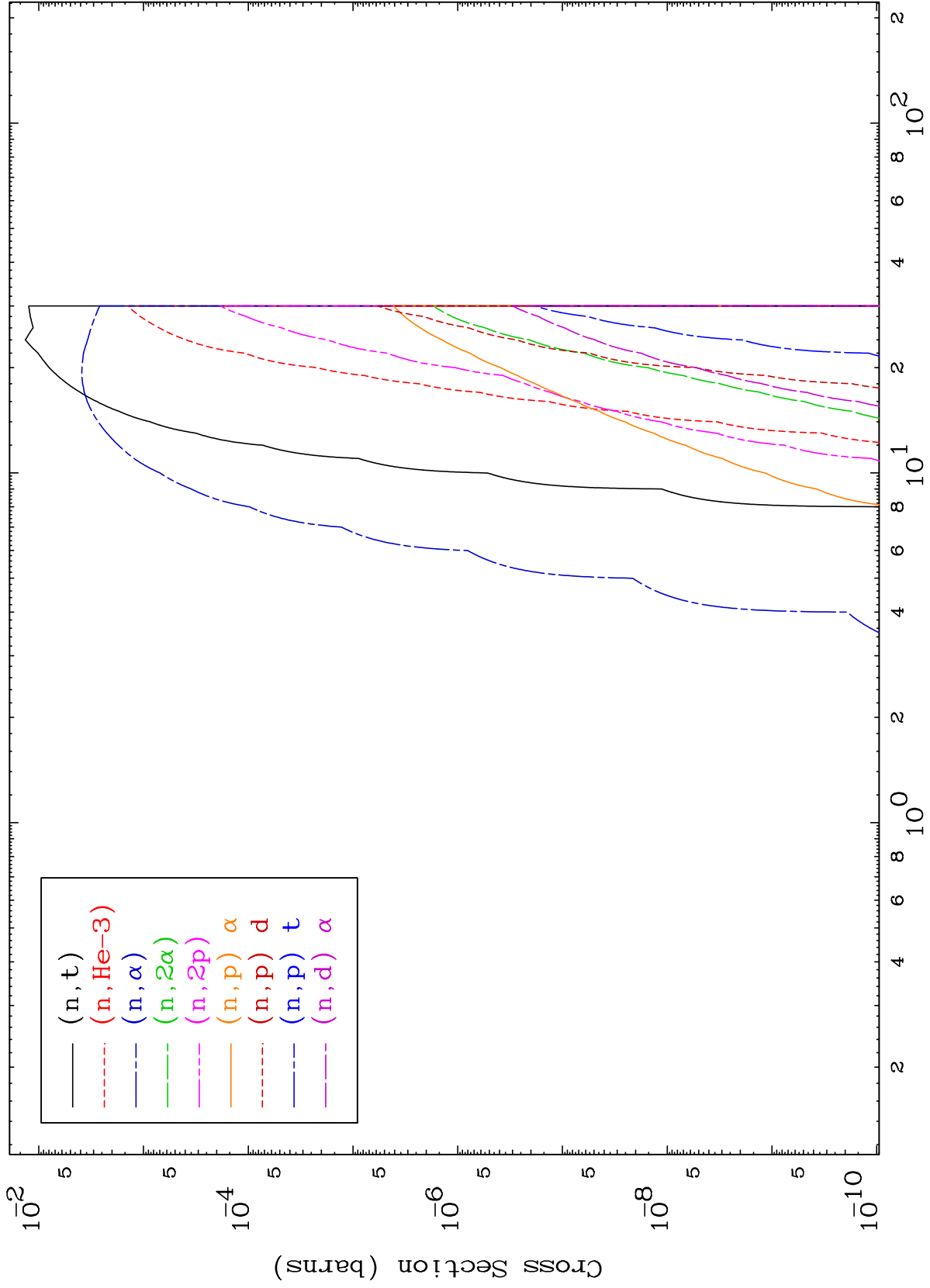




MAT 6831

Deuteron Neutron Absorption
0 Kelvin Cross Sections

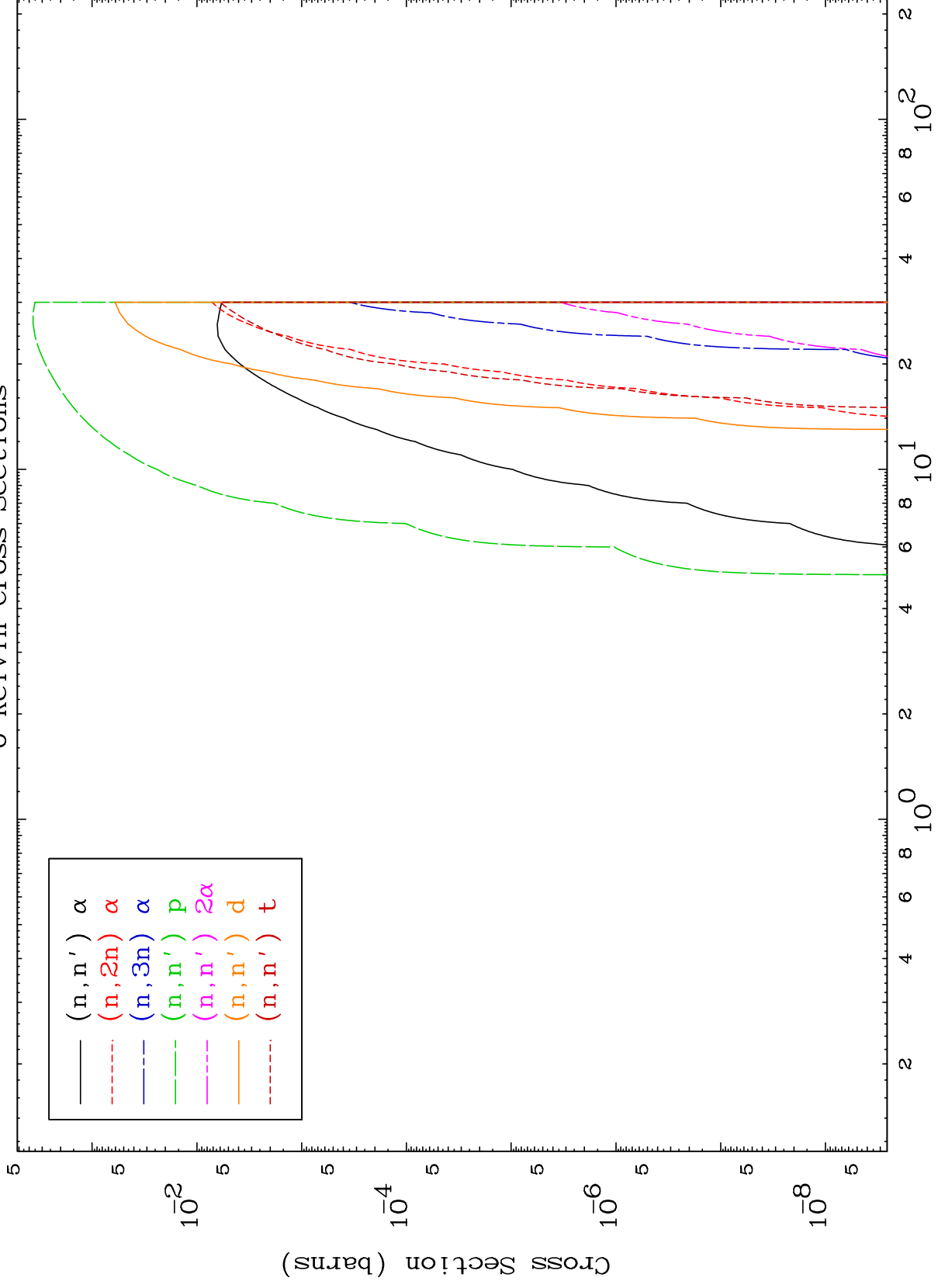
68-Er-164



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Deuteron Charged Particle
0 Kelvin Cross Sections

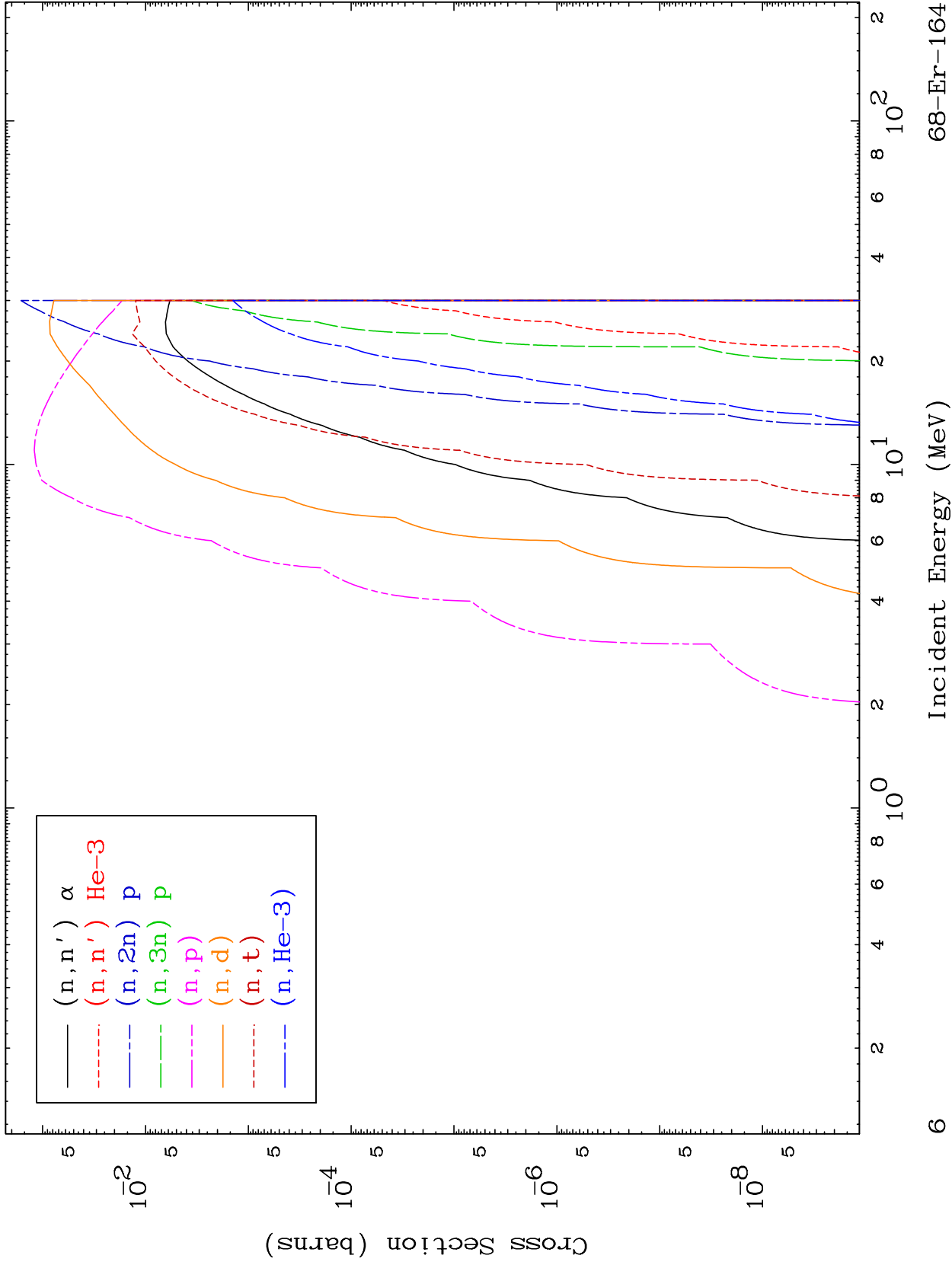
68-Er-164

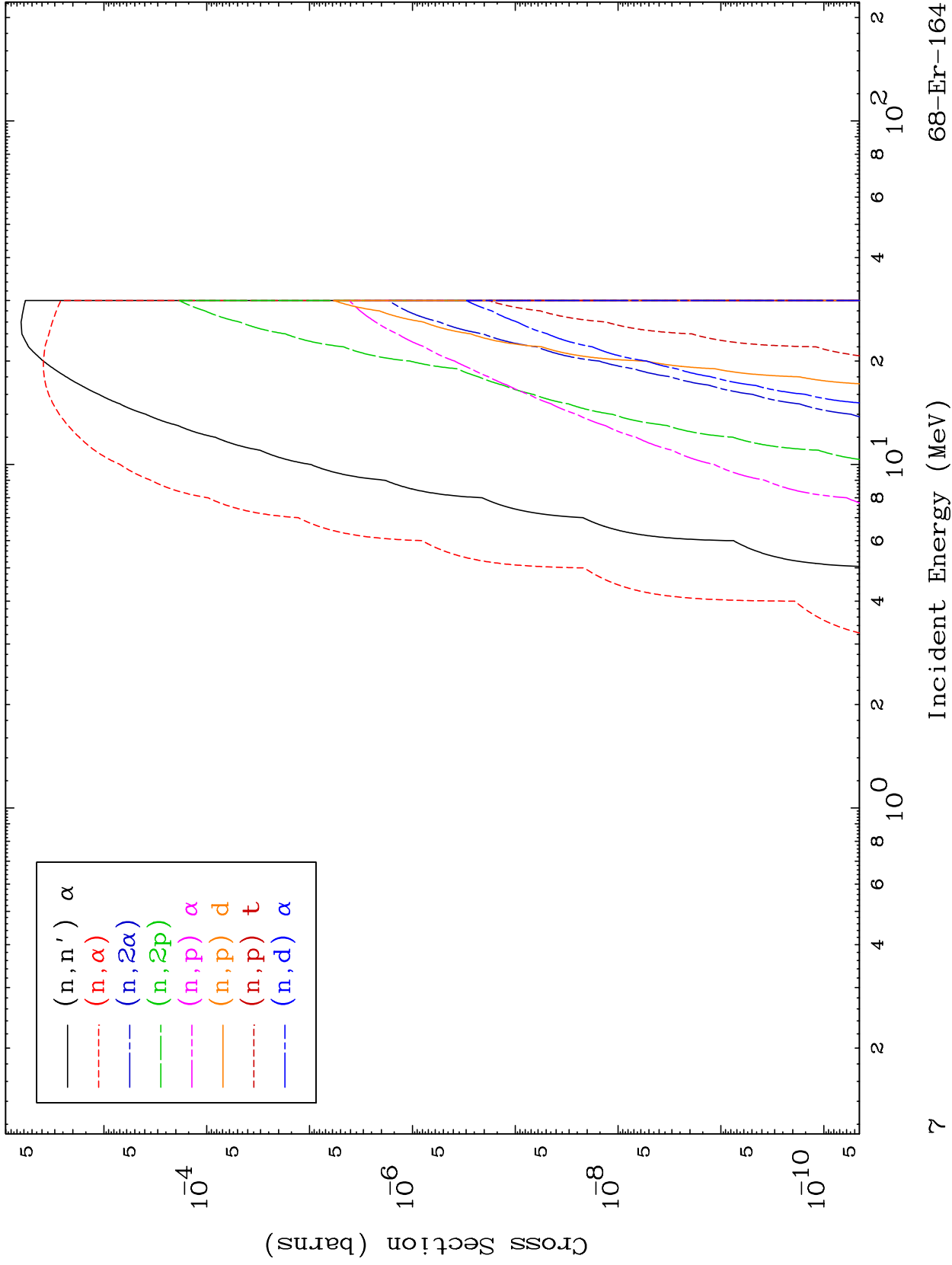


5

Incident Energy (MeV)

68-Er-164

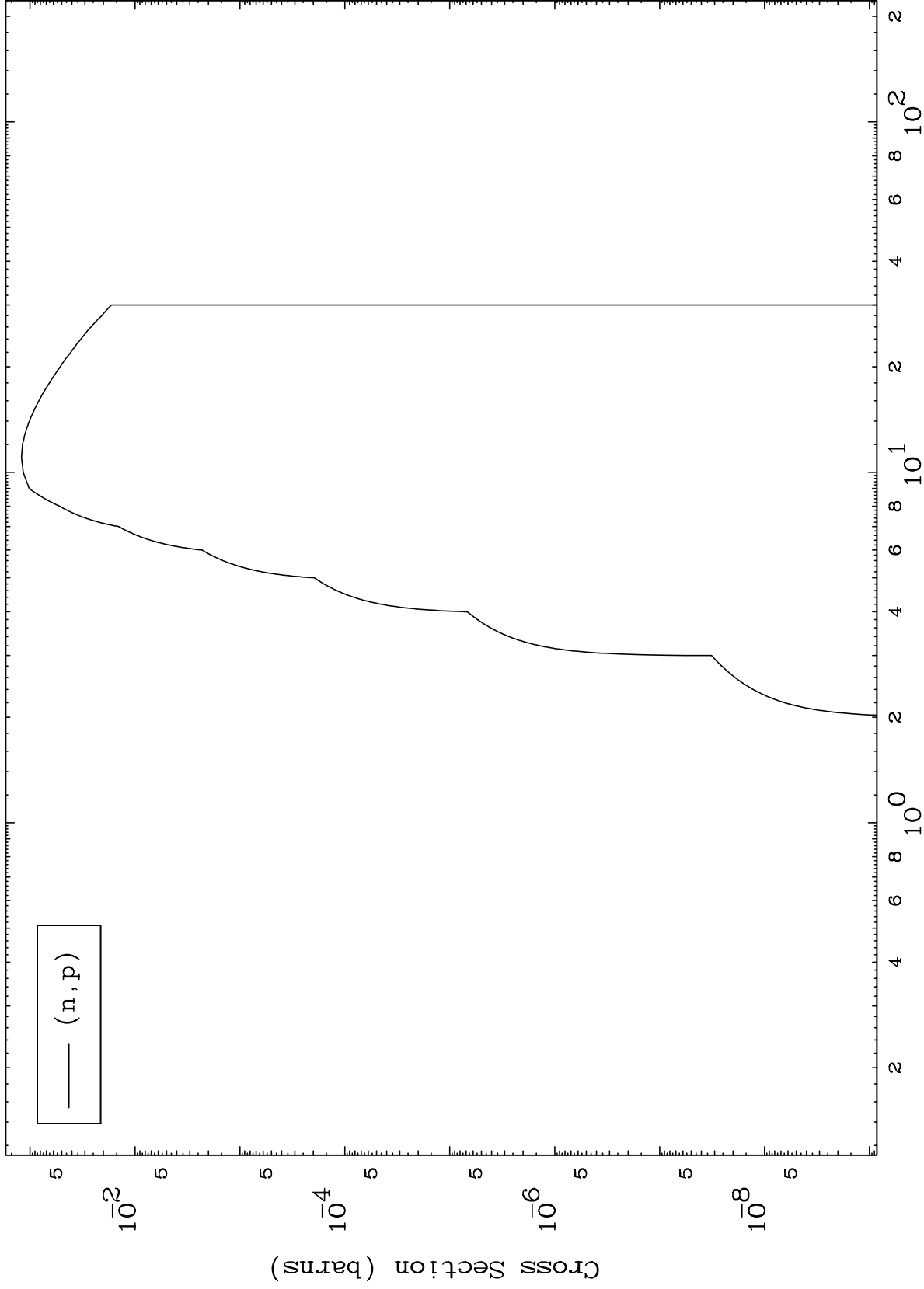




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(d,p) Levels
0 Kelvin Cross Sections

68-Er-164

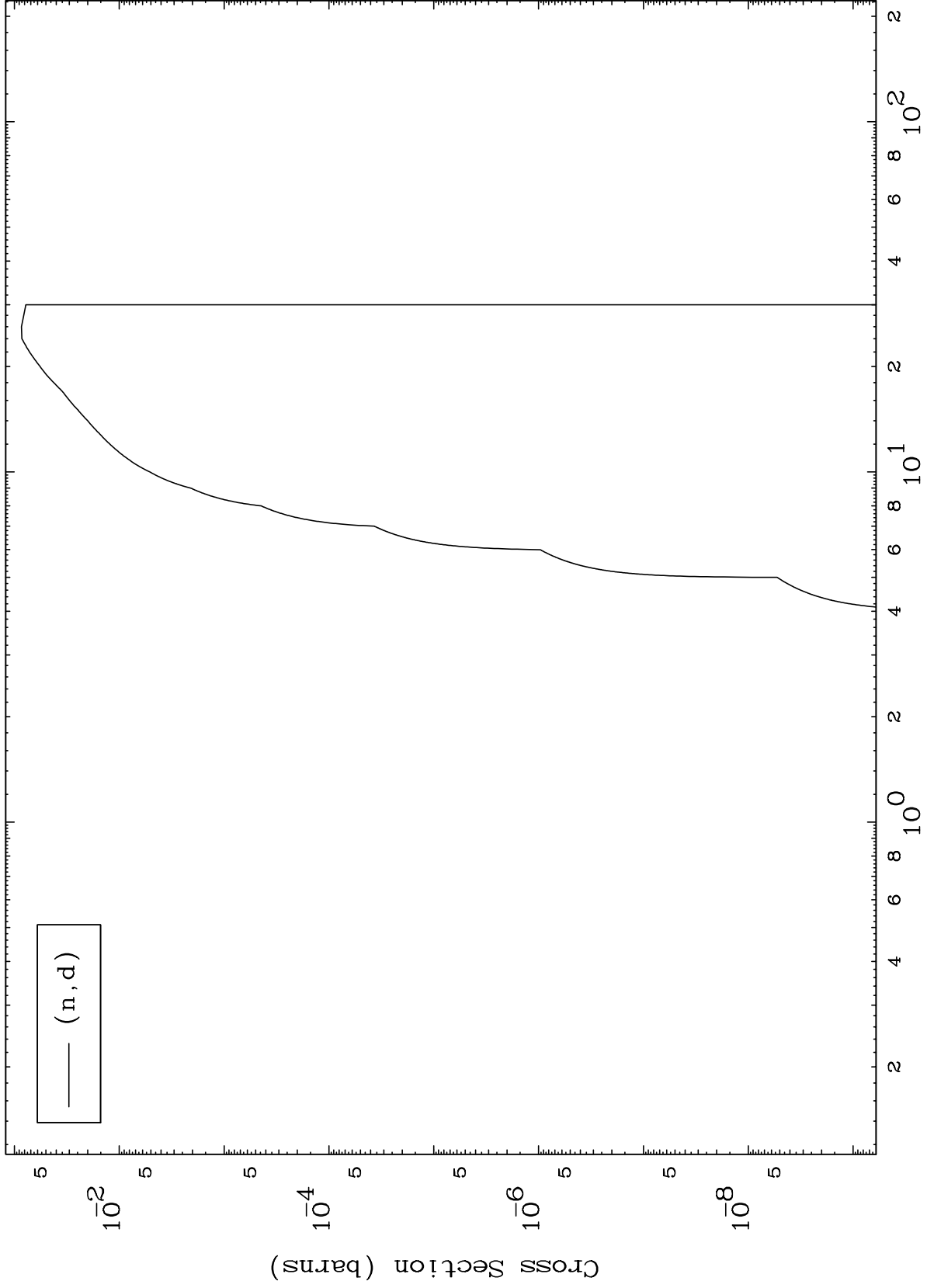


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(d,d) Levels

68-Er-164

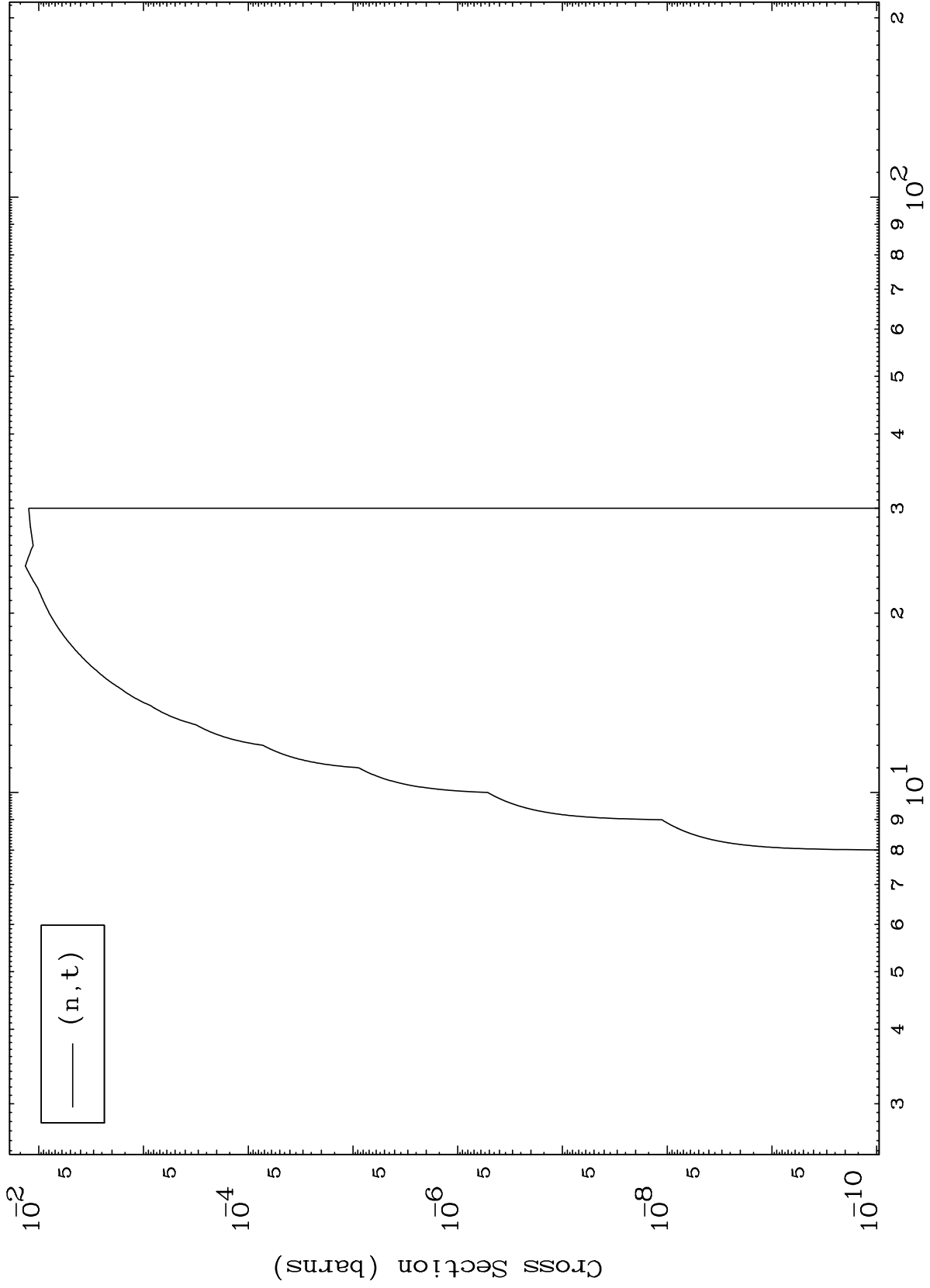
0 Kelvin Cross Sections



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68-Er-164

(d,t) Levels
0 Kelvin Cross Sections



68-Er-164

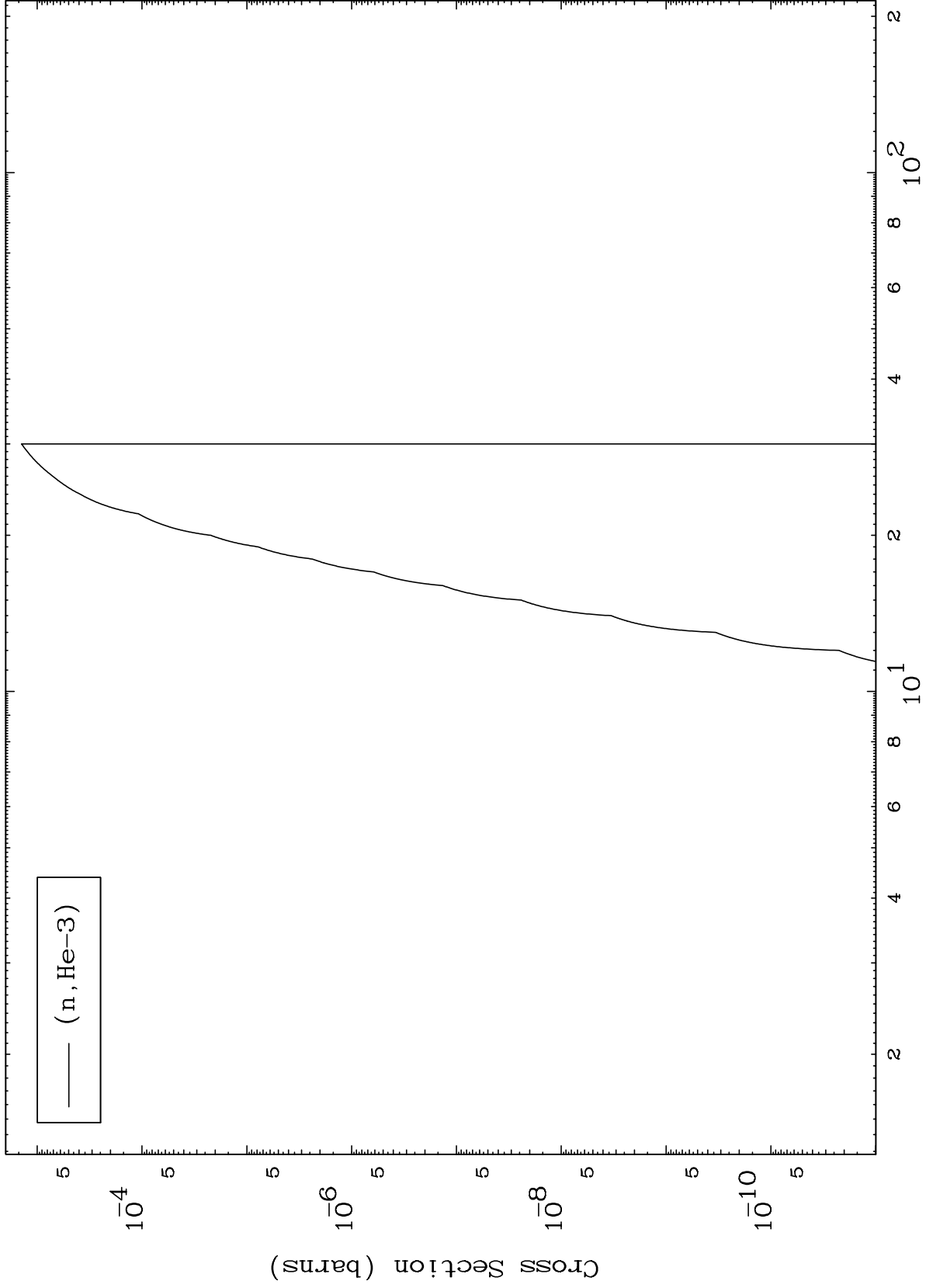
Incident Energy (MeV)

10

MAT 6831

(d,He3) Levels
0 Kelvin Cross Sections

68-Er-164

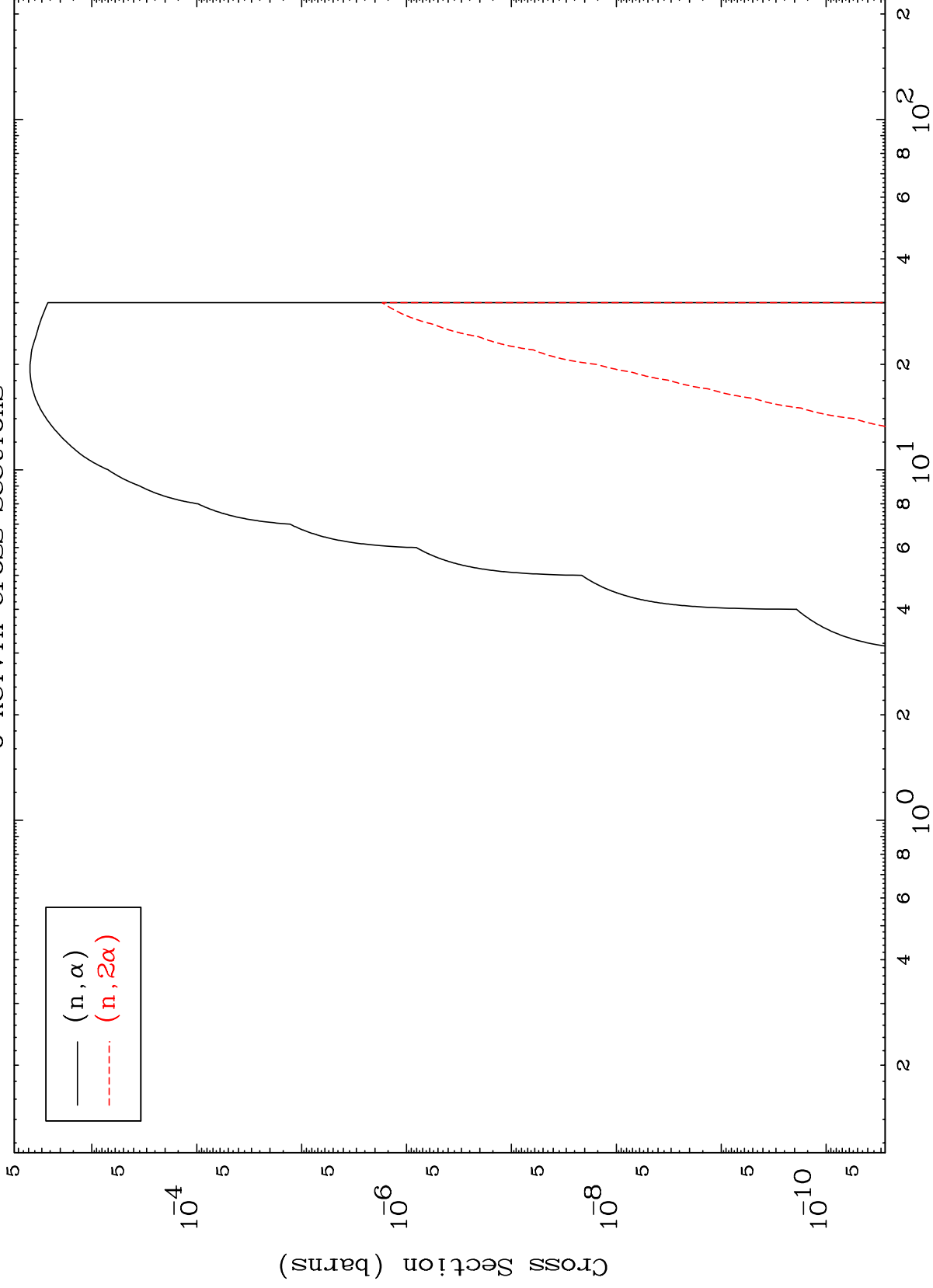


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(d, α) Levels

68-Er-164

0 Kelvin Cross Sections



12

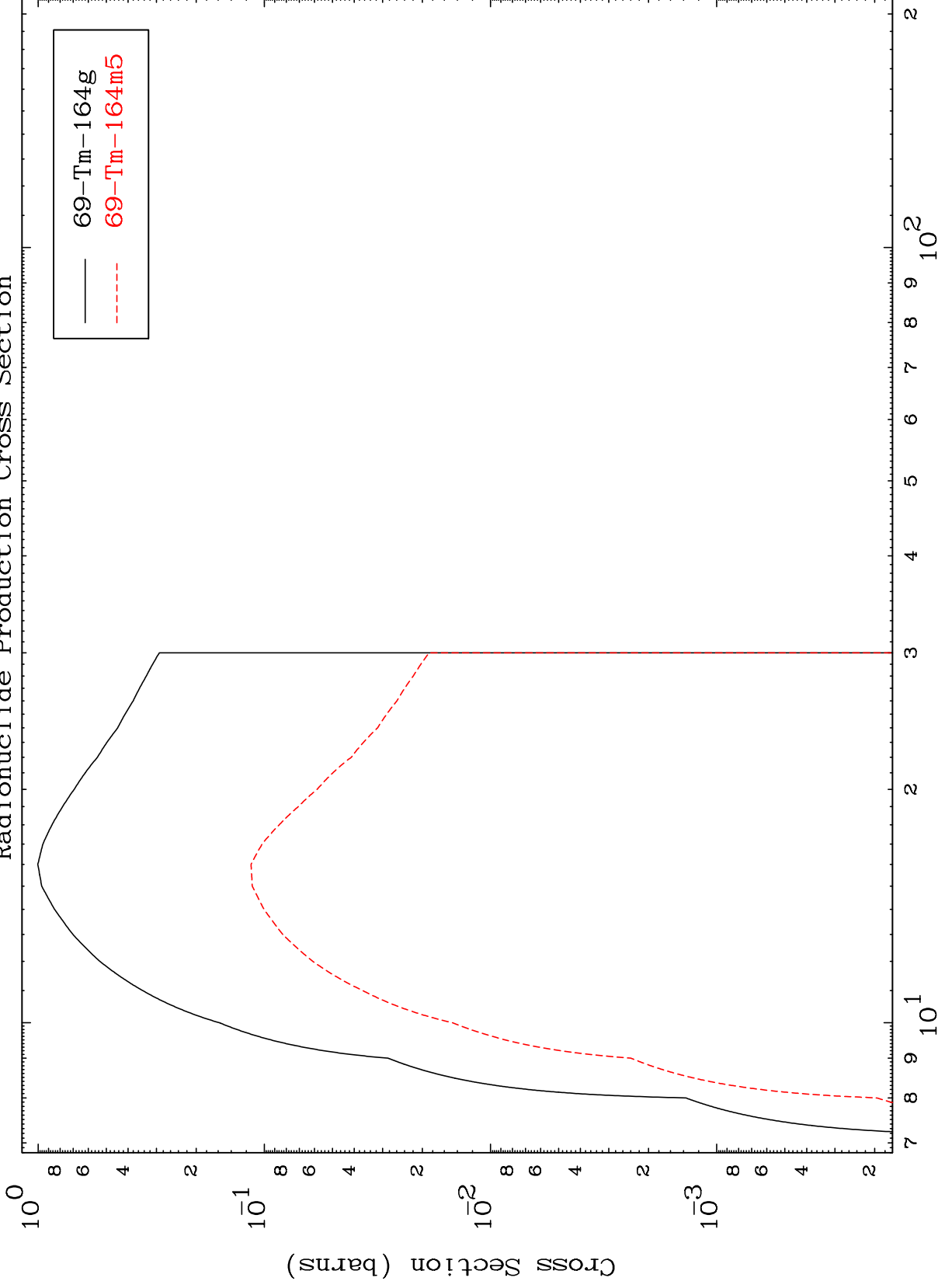
Incident Energy (MeV)

68-Er-164

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68-Er-164

(n,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

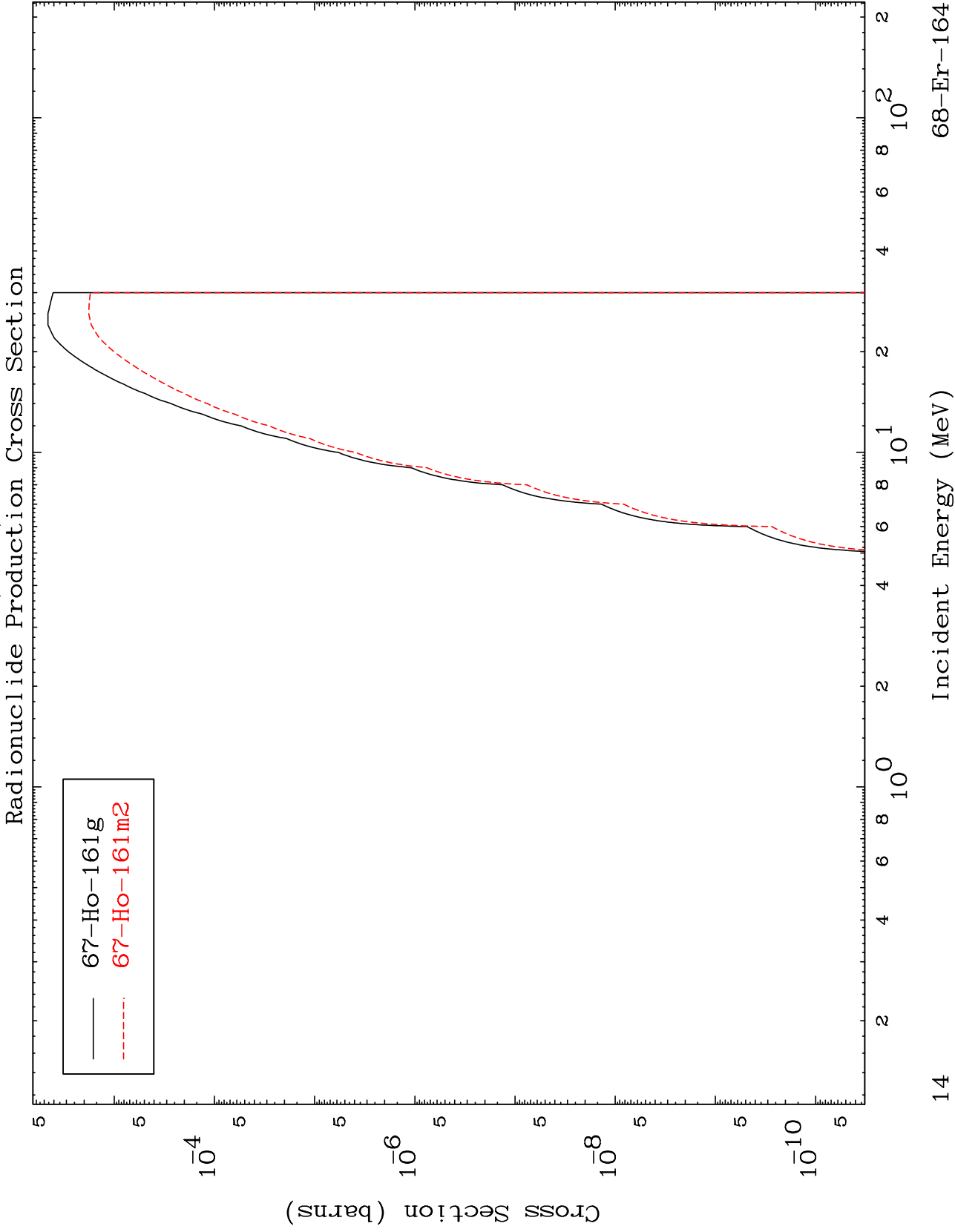
68-Er-164

13

MAT 6831

$(n, n') \alpha$

68-Er-164

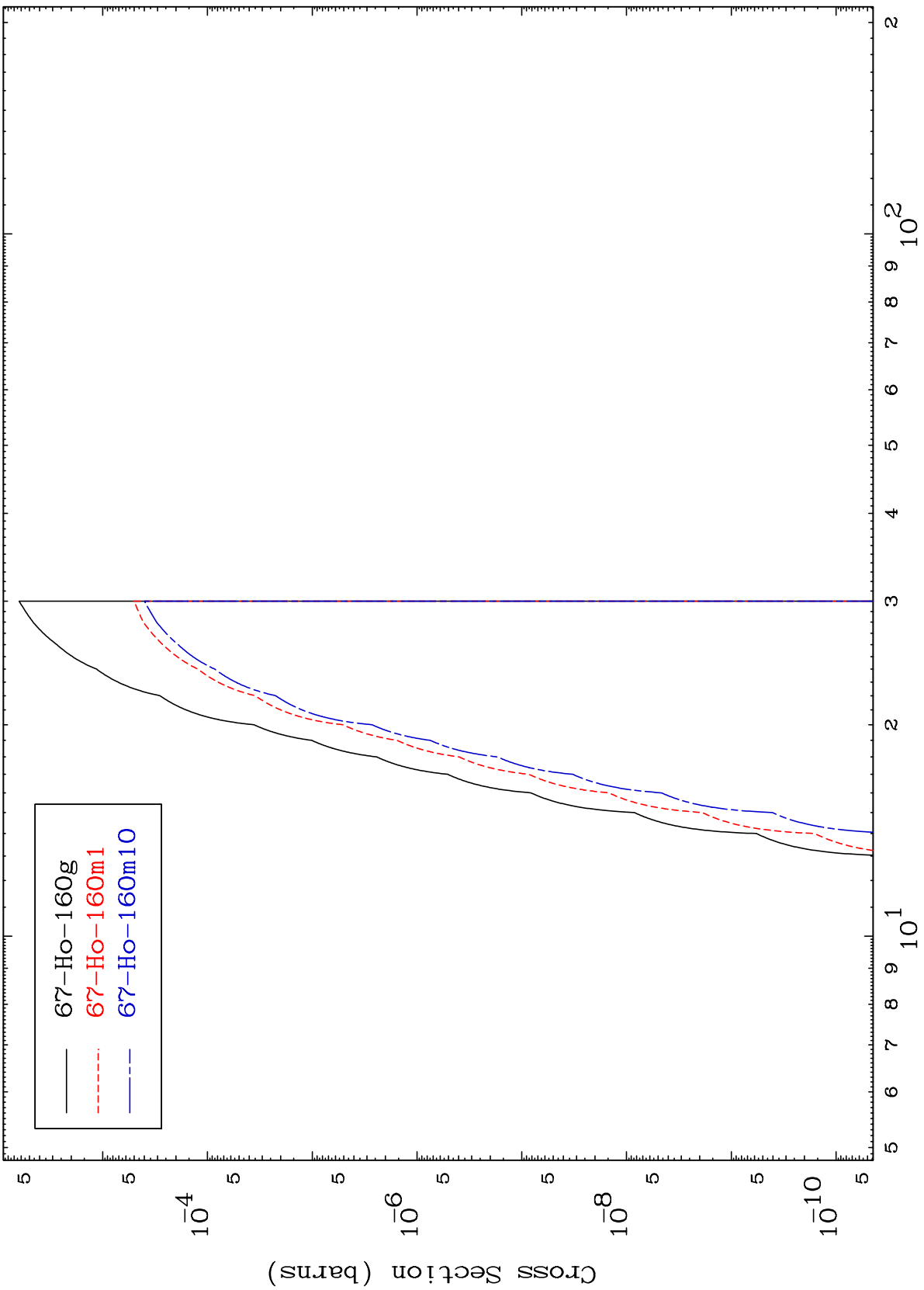


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$(n,2n) \alpha$

68-Er-164

Radionuclide Production Cross Section



15

Incident Energy (MeV)

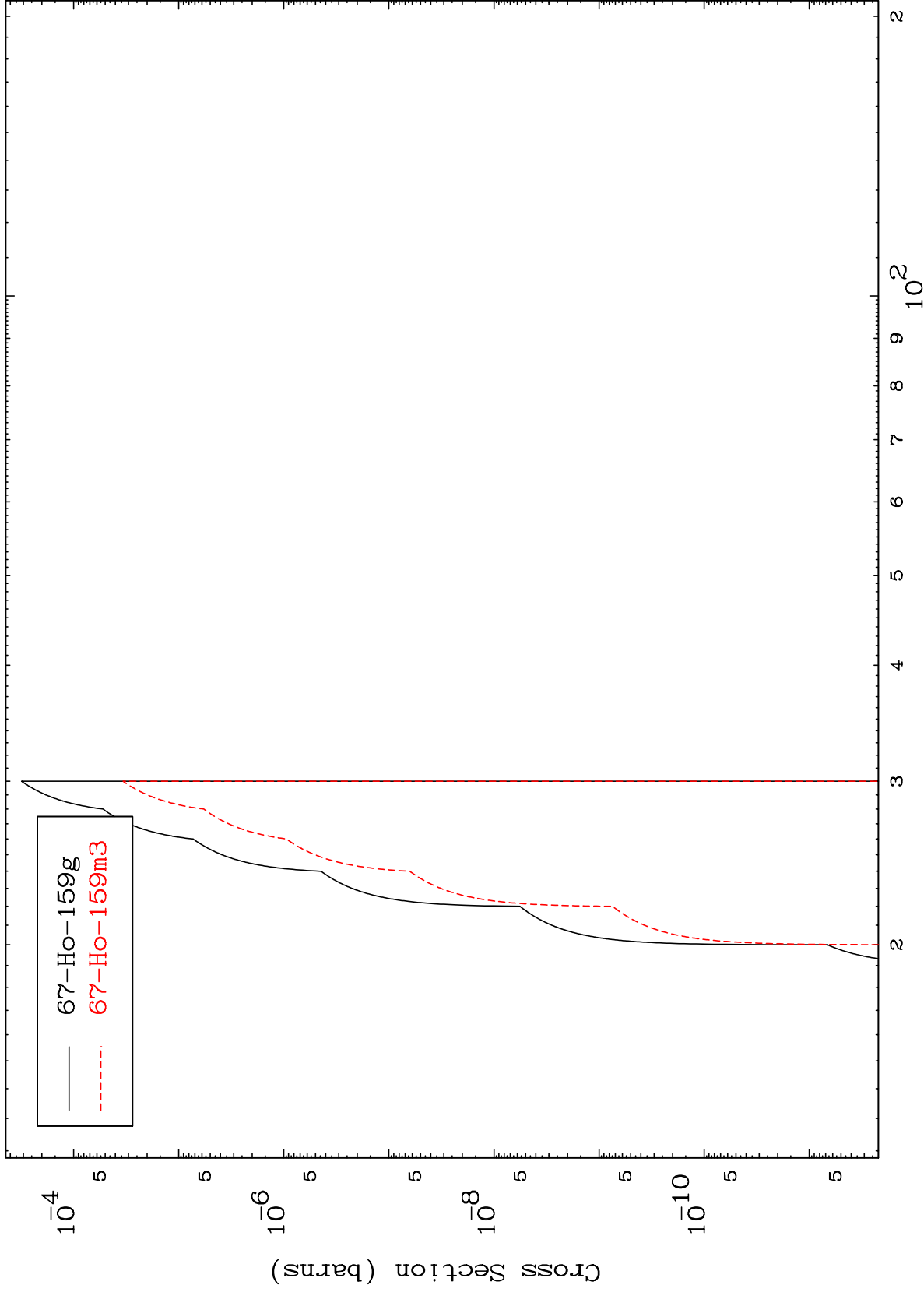
68-Er-164

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(n,3n) α

68-Er-164

Radionuclide Production Cross Section



16

Incident Energy (MeV)

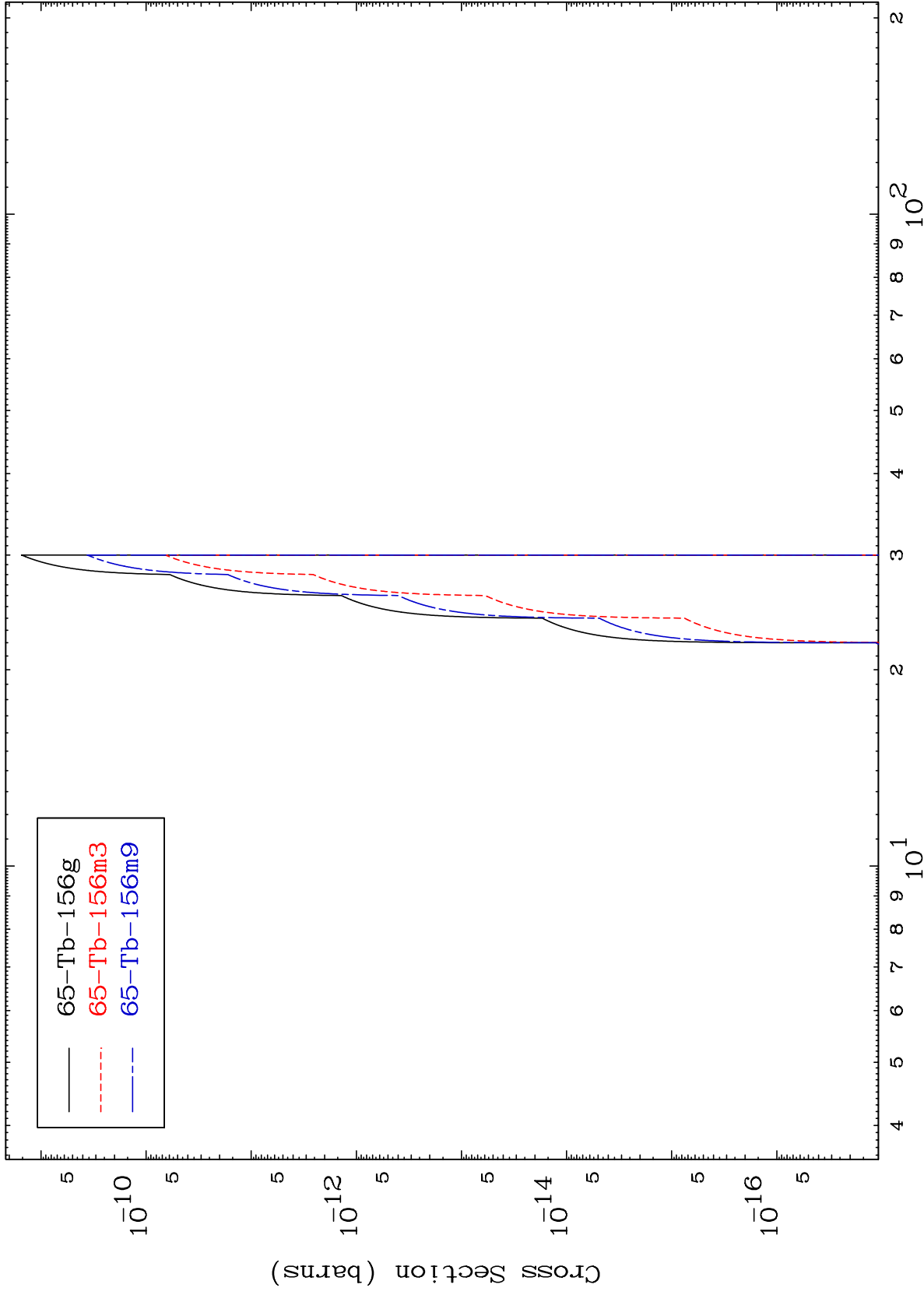
68-Er-164

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(n,2n) 2α

68-Er-164

Radionuclide Production Cross Section



17

Incident Energy (MeV)

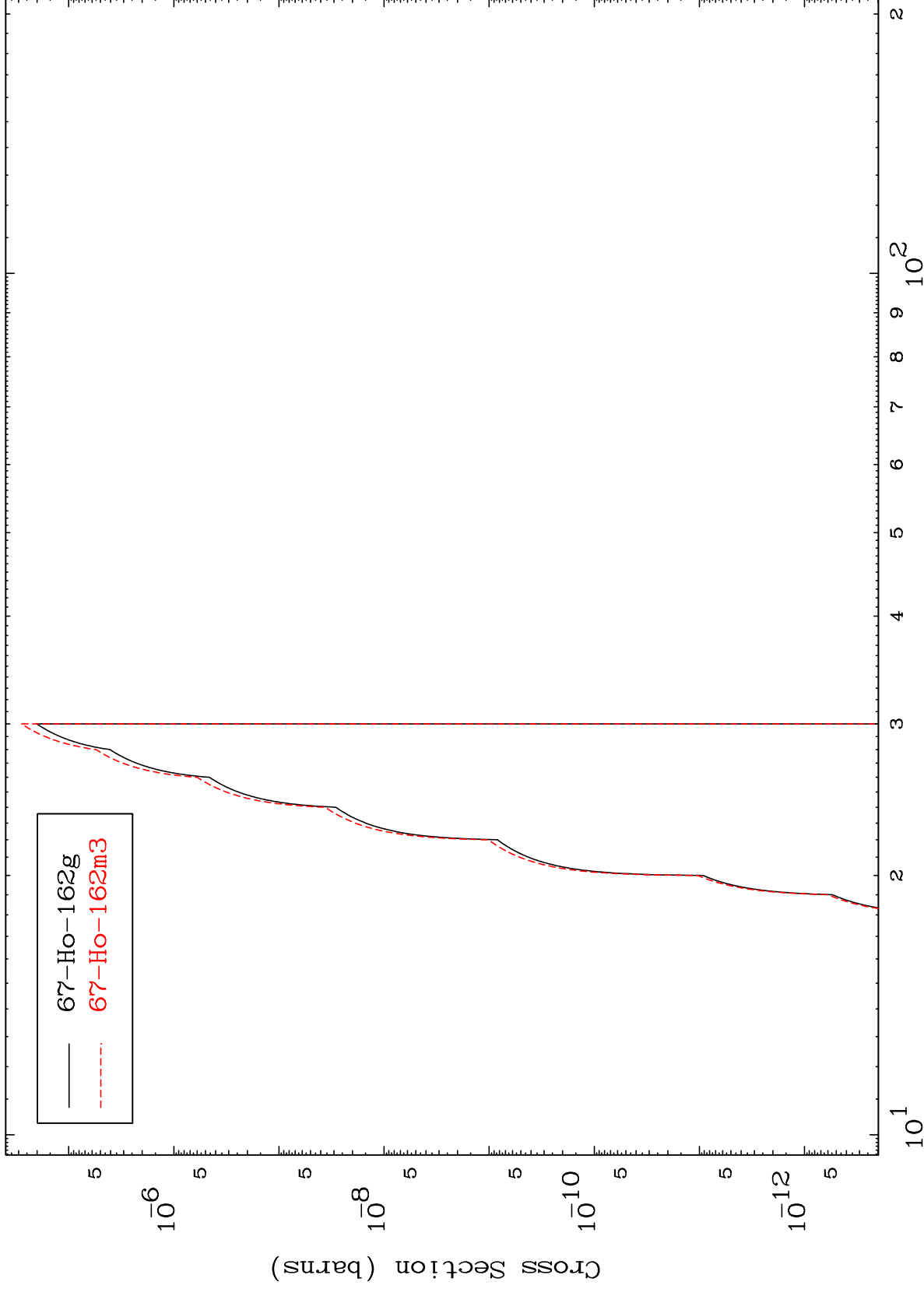
68-Er-164

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(n,n') He-3

68-Er-164

Radionuclide Production Cross Section

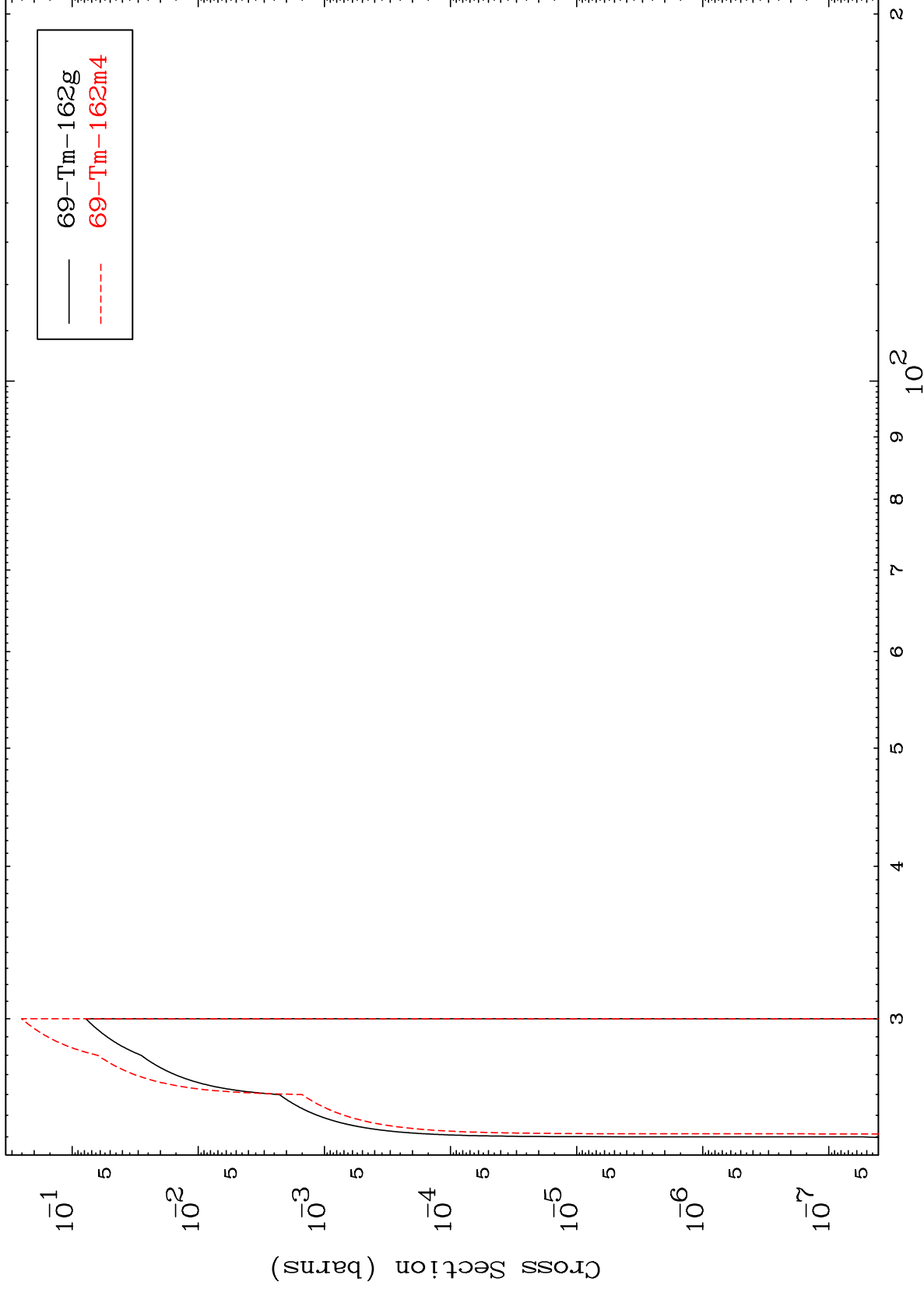


67-Ho-162g
67-Ho-162m3

Incident Energy (MeV)

68-Er-164

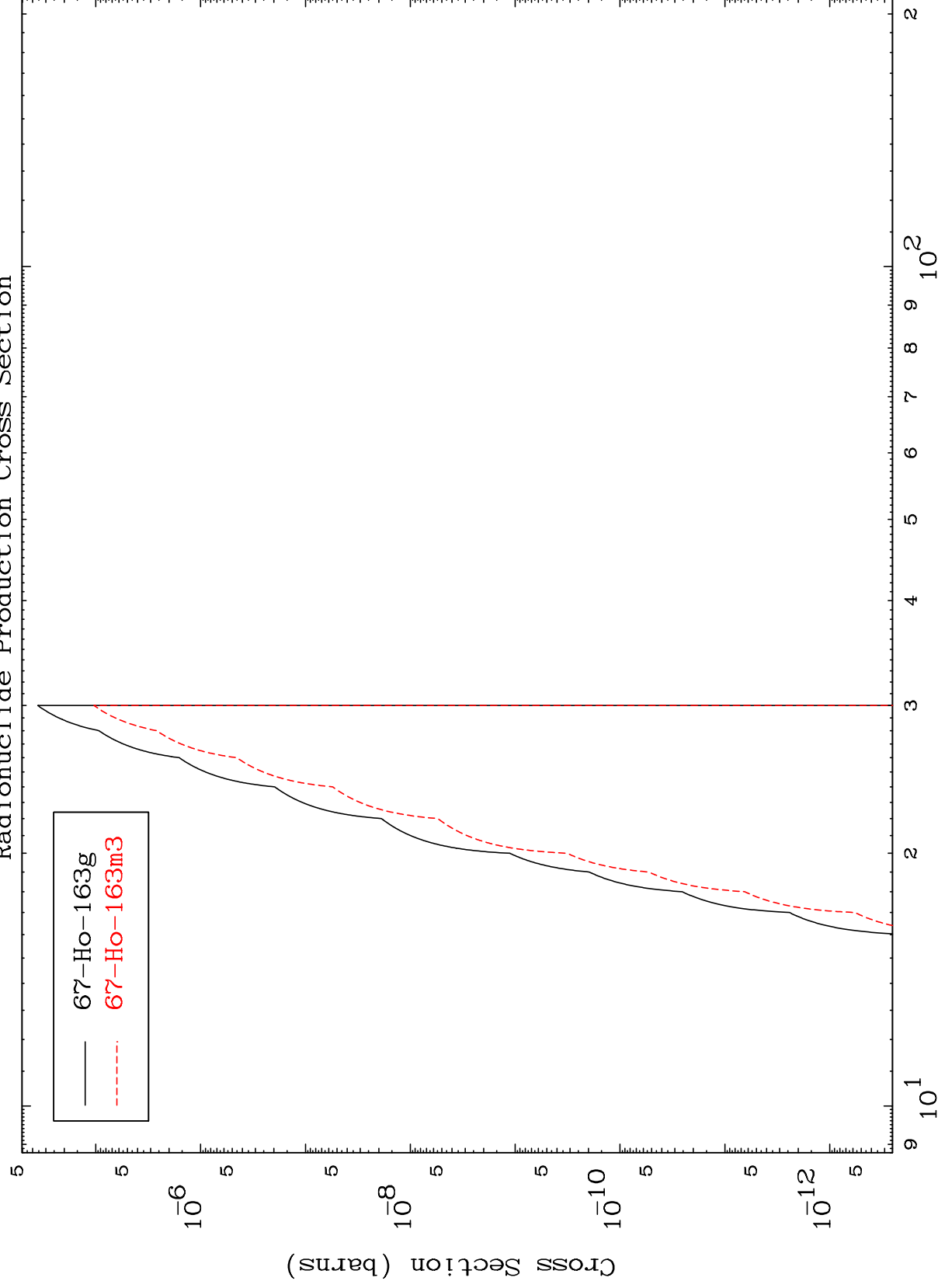
Radionuclide Production Cross Section



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68-Er-164

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

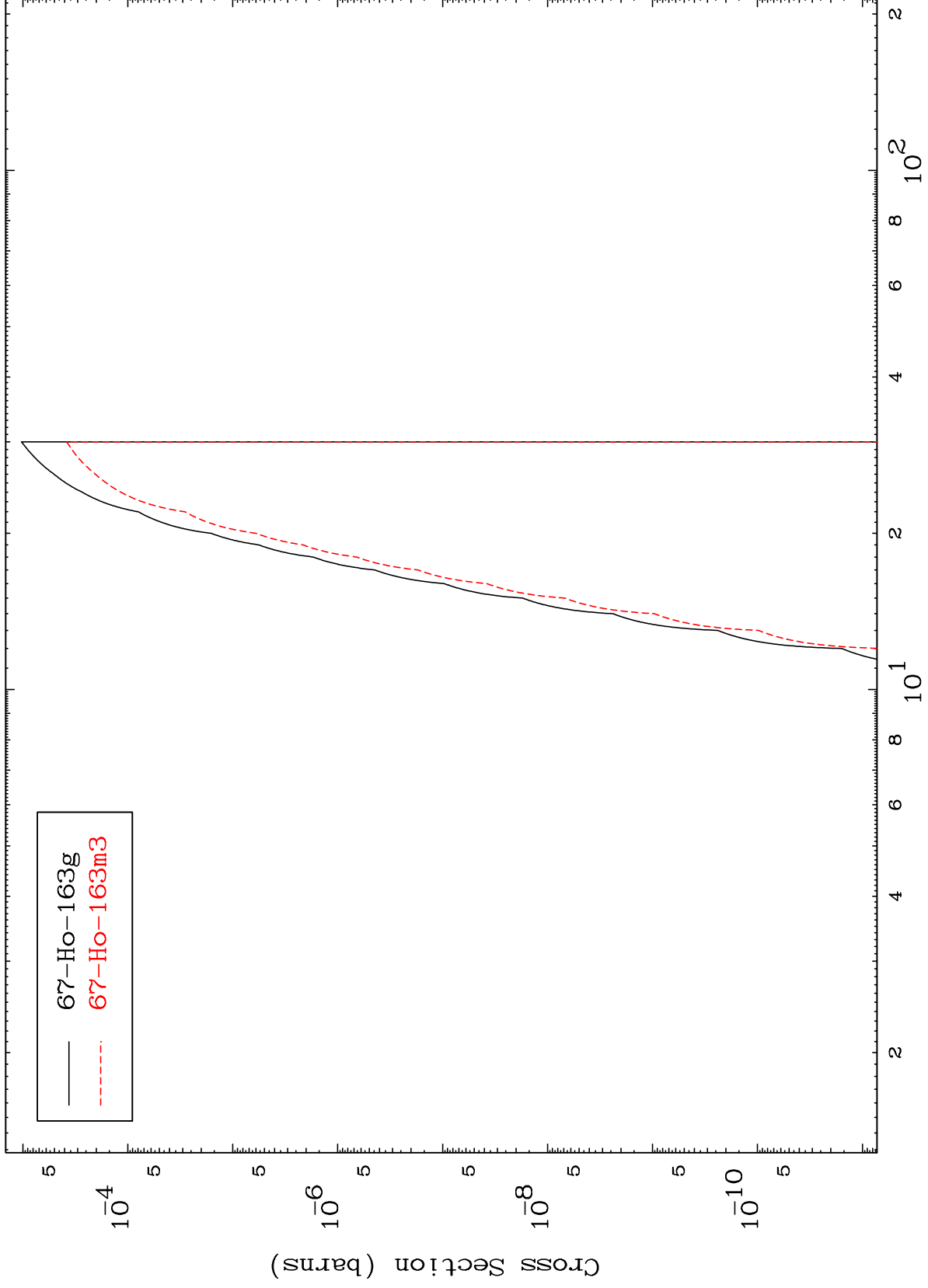
68-Er-164

MAT 6831

(n,He-3)

68-Er-164

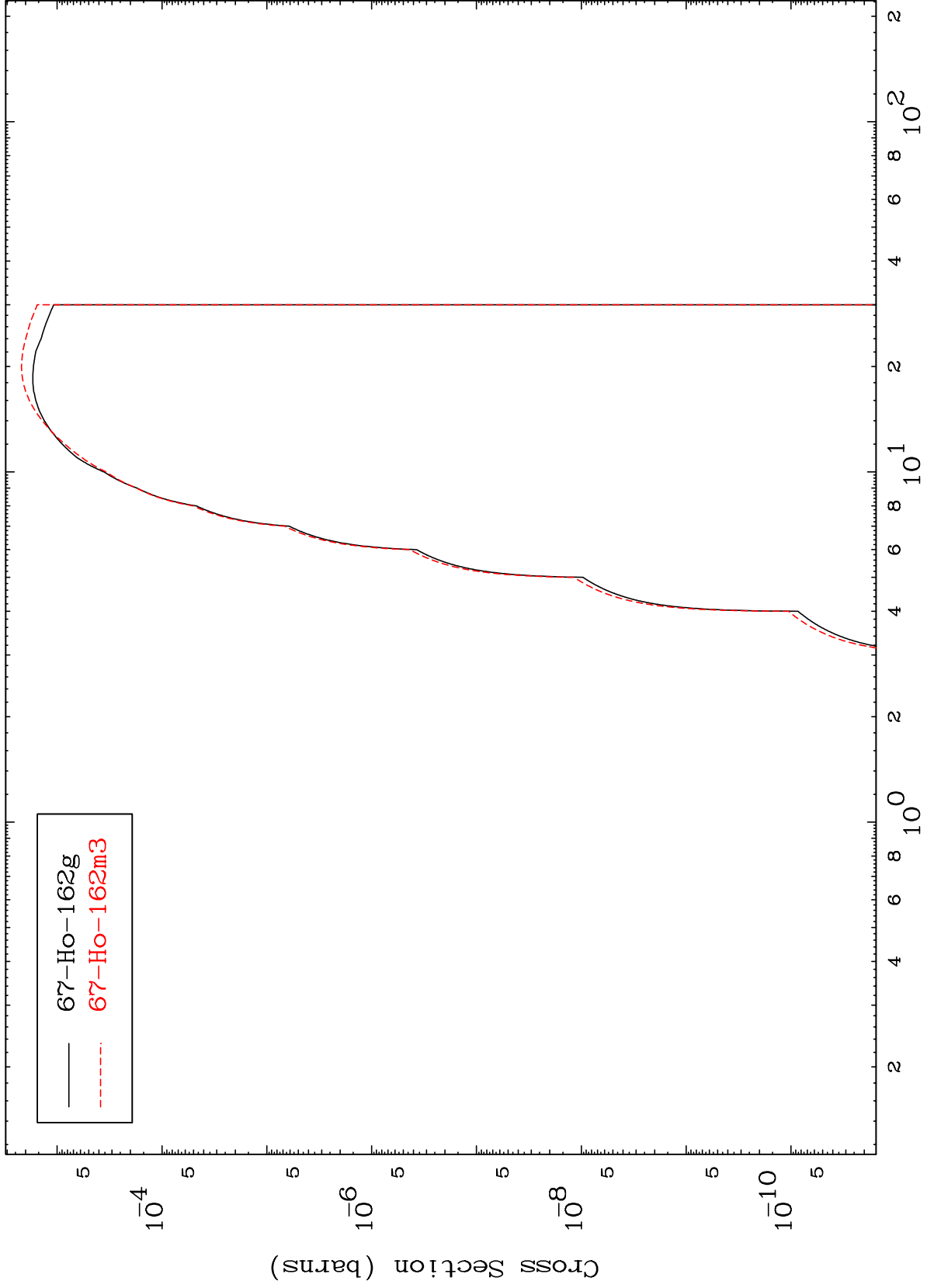
Radionuclide Production Cross Section



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68-Er-164

(n, α)
Radionuclide Production Cross Section

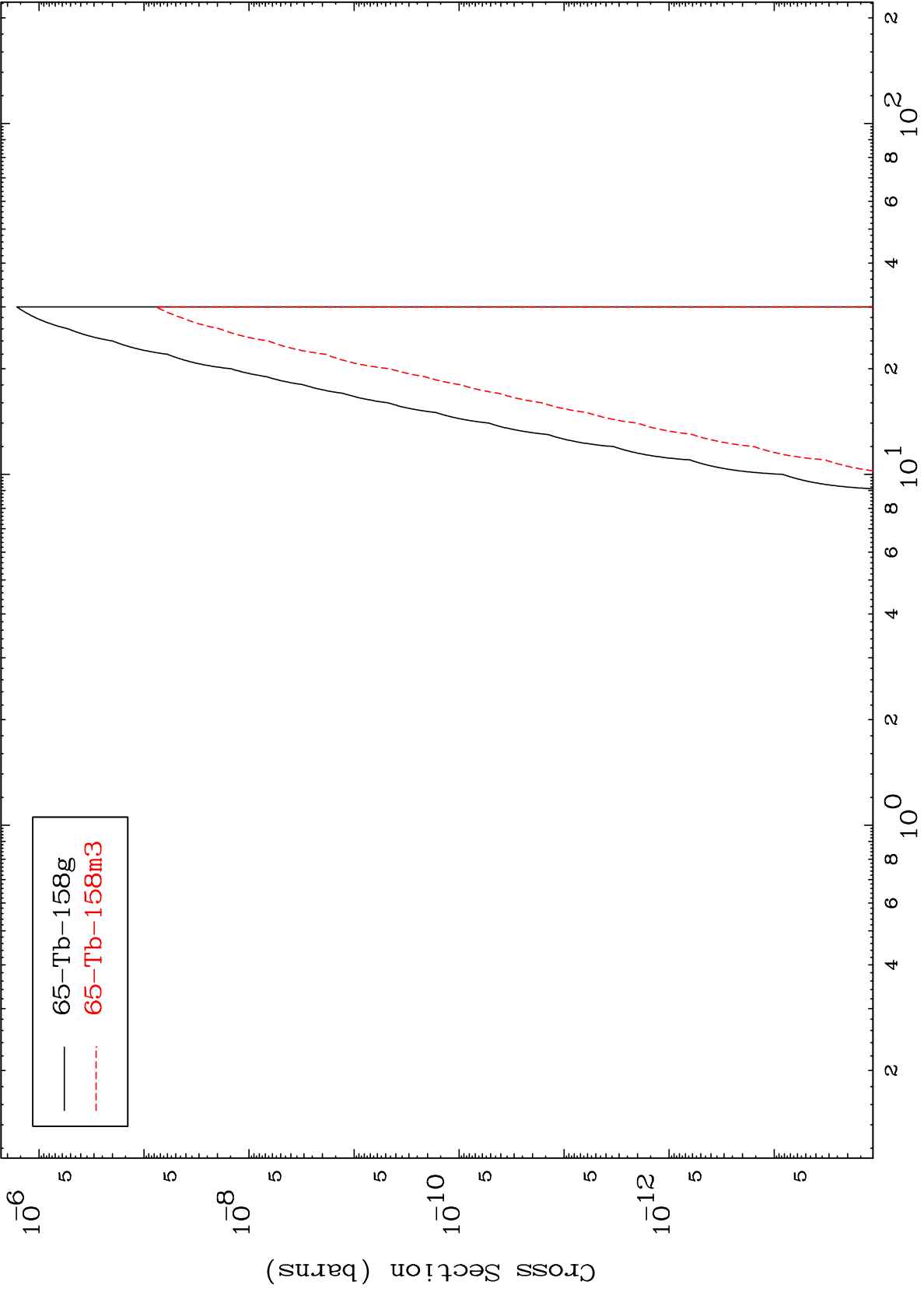


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(n,2α)

68-Er-164

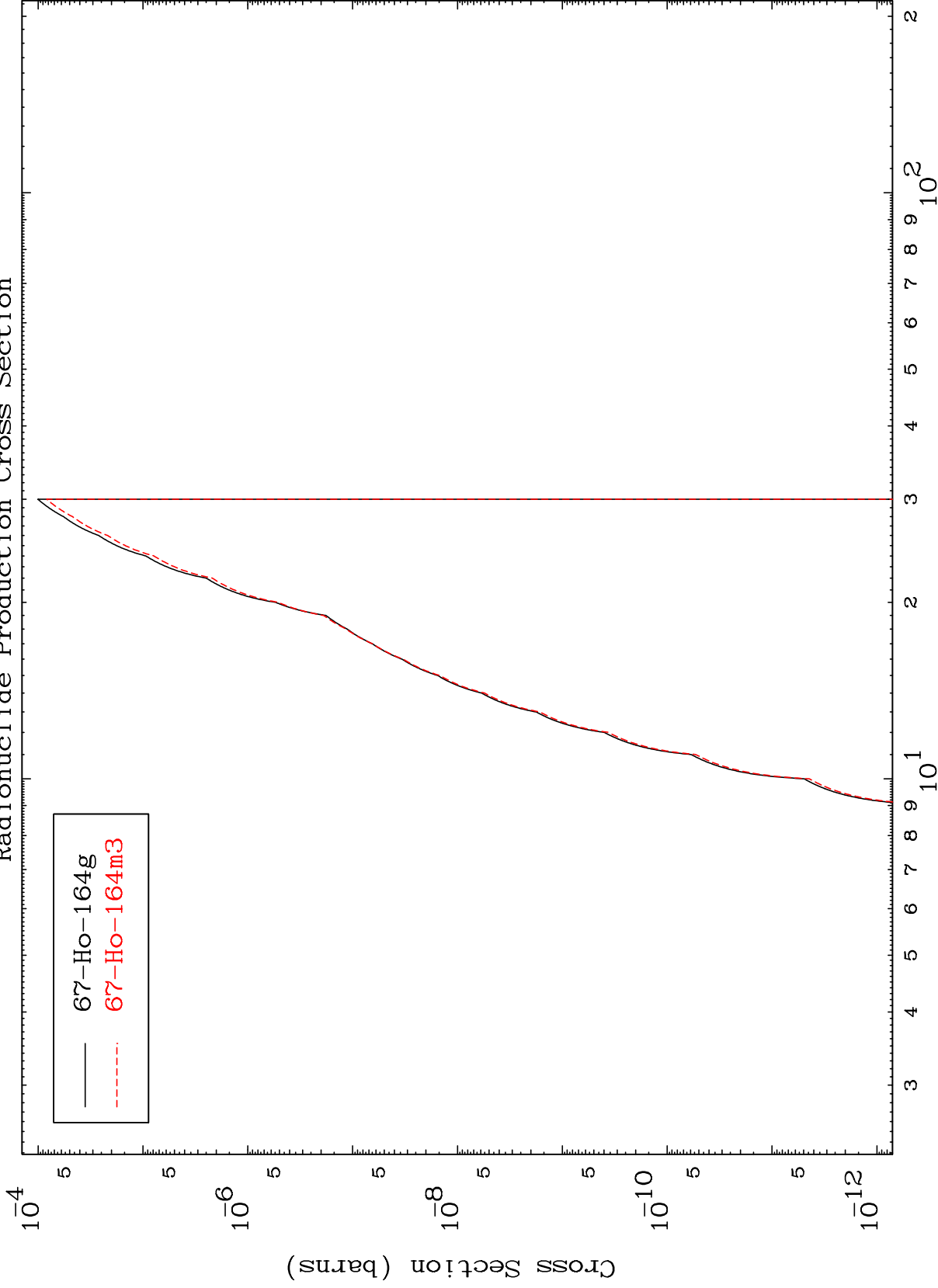
Radionuclide Production Cross Section



MAT 6831

68-Er-164

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

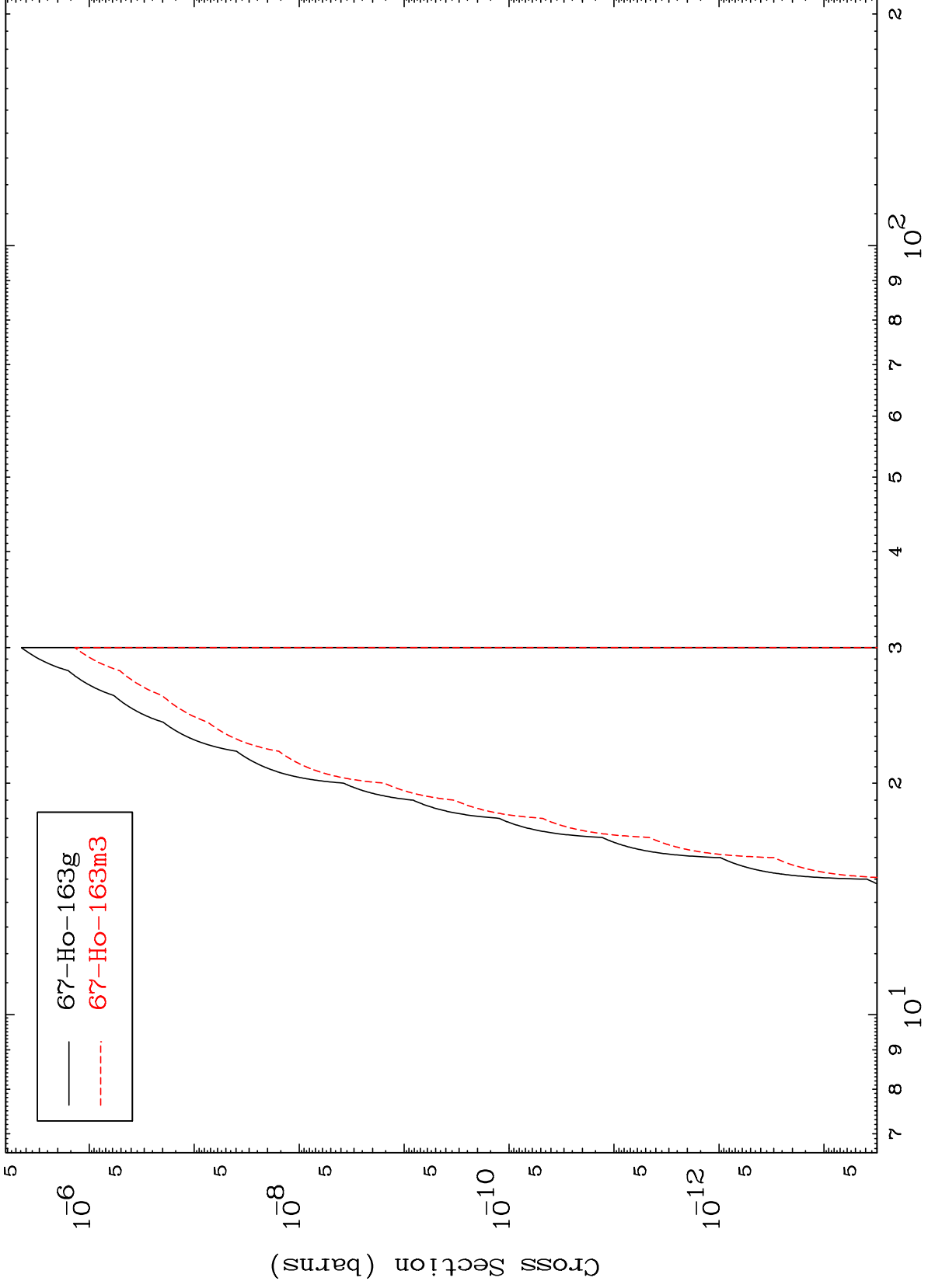
68-Er-164

MAT 6831

(n,p) d

68-Er-164

Radionuclide Production Cross Section



25

Incident Energy (MeV)

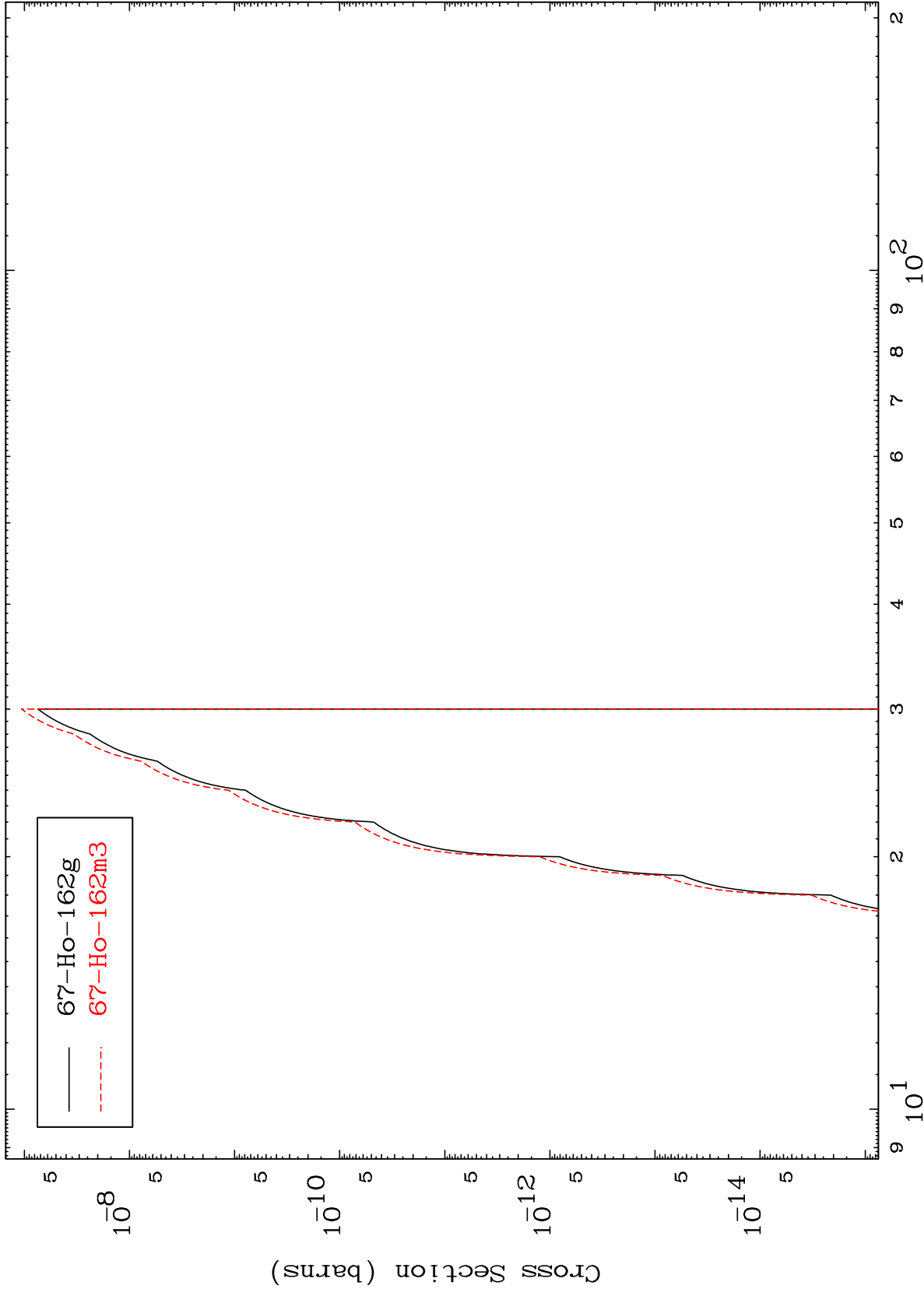
68-Er-164

MAT 6831

(n,p) t

68-Er-164

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

68-Er-164