

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

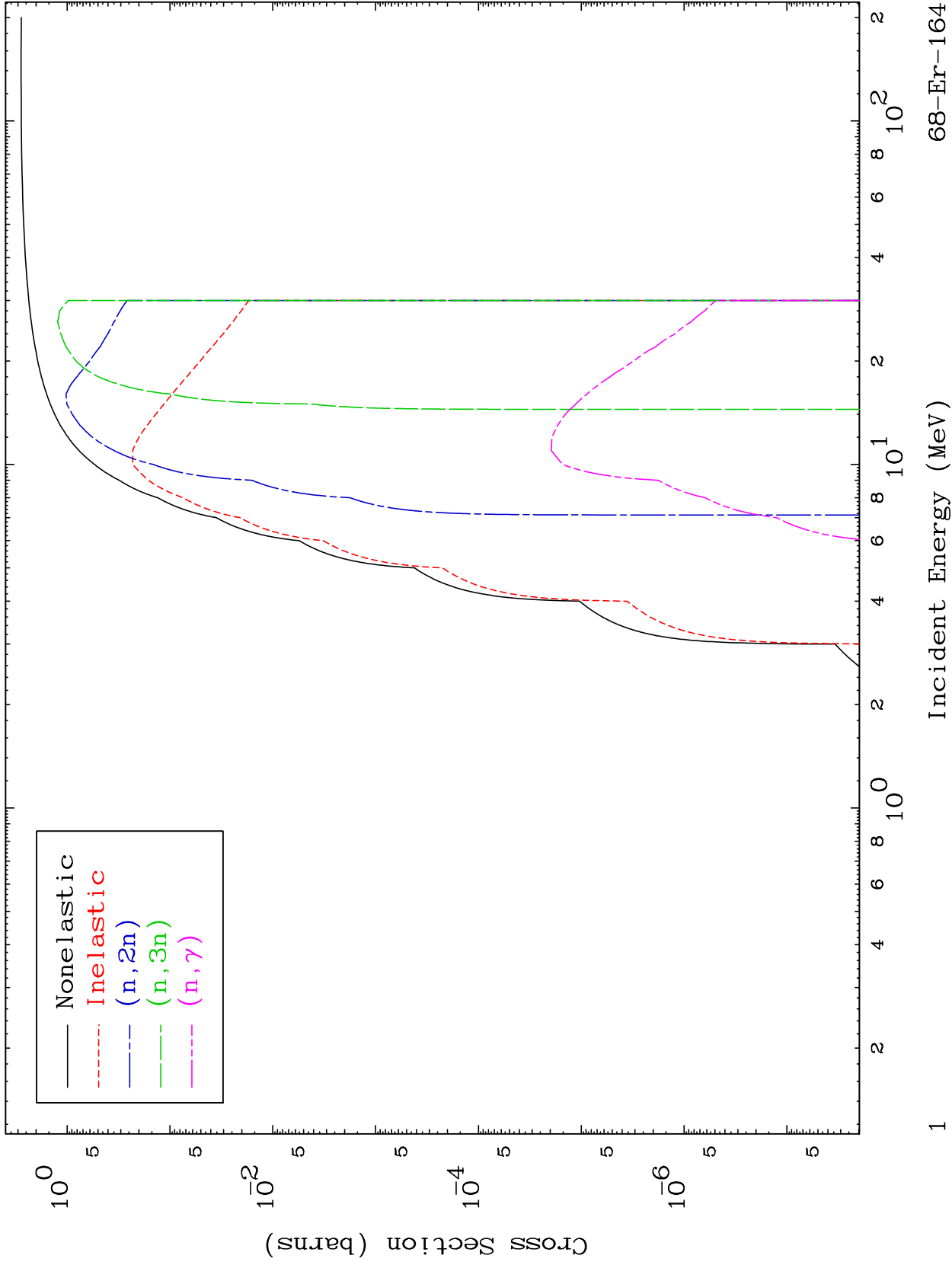
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

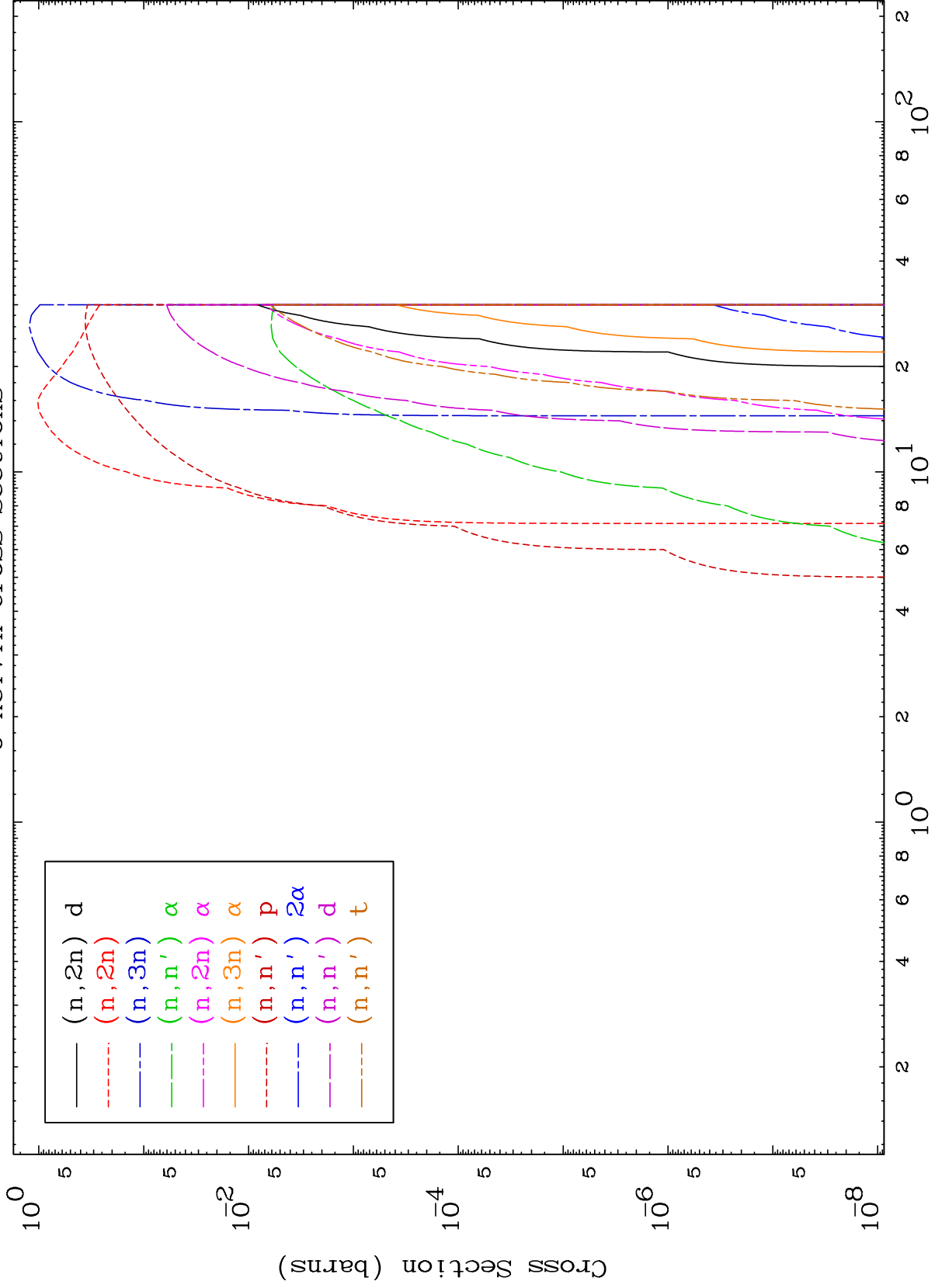
Press Mouse Button to Start

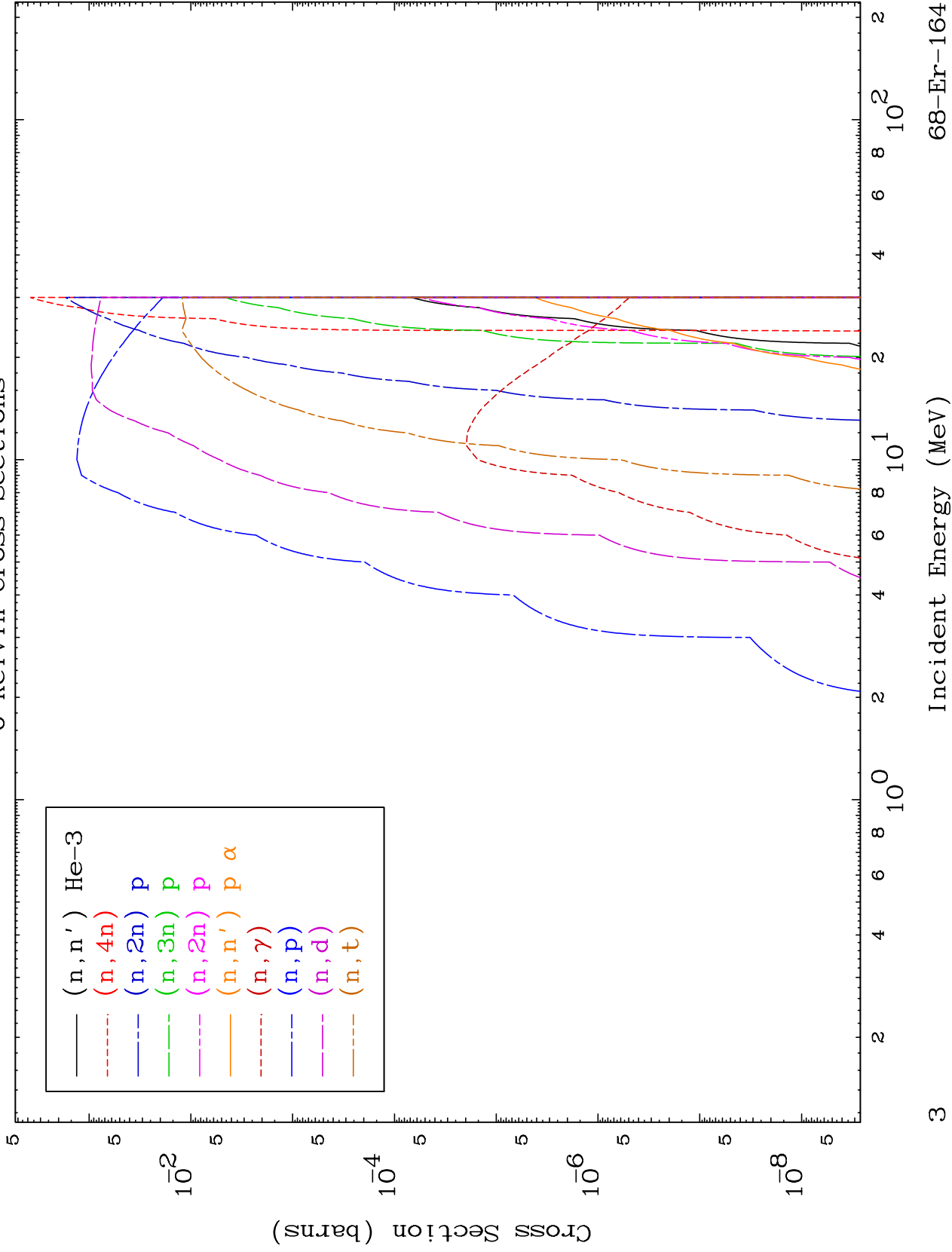


MAT 6831

Deuteron Neutron Absorption
0 Kelvin Cross Sections

68-Er-164

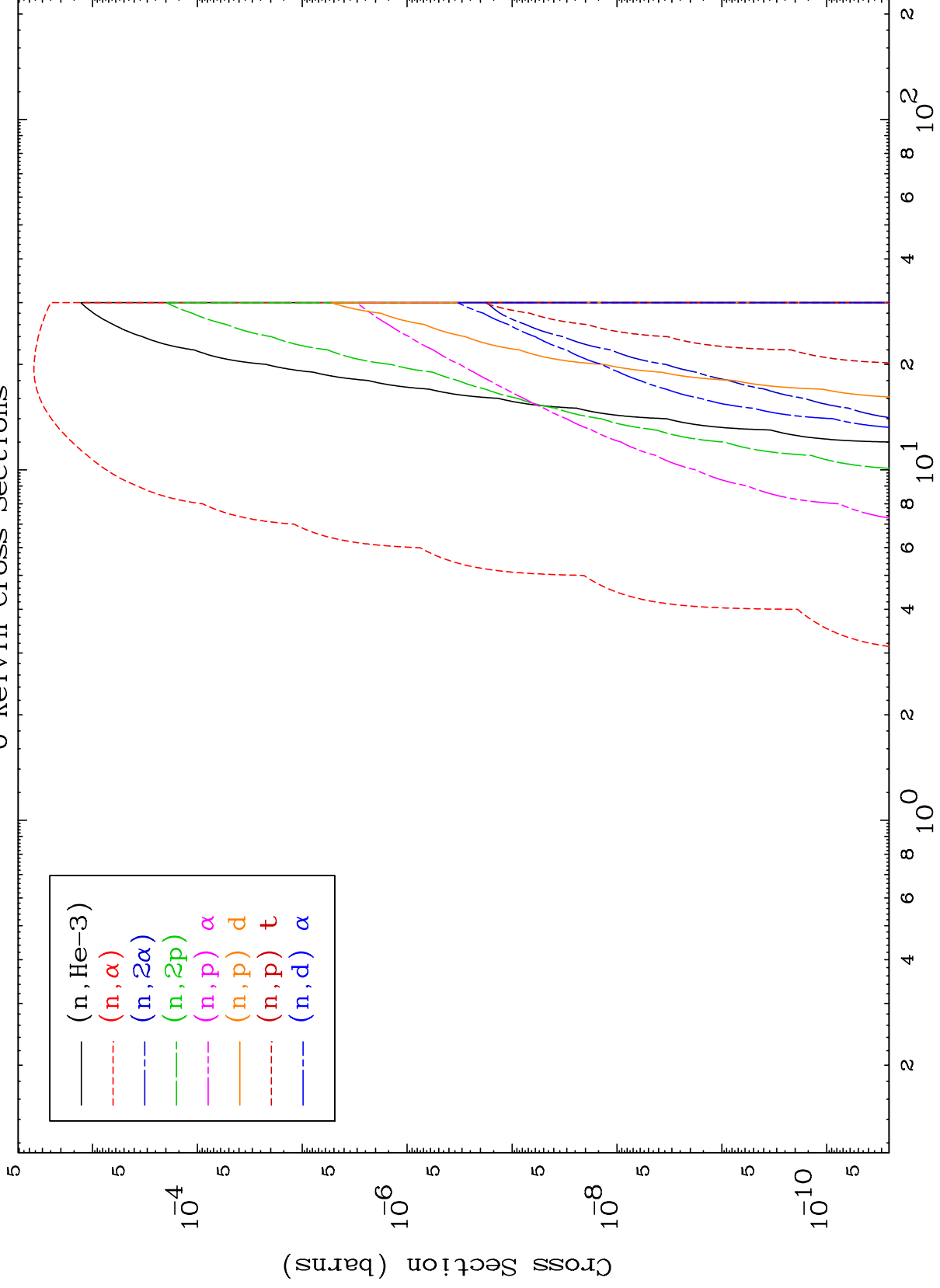




MAT 6831

Deuteron Neutron Absorption
0 Kelvin Cross Sections

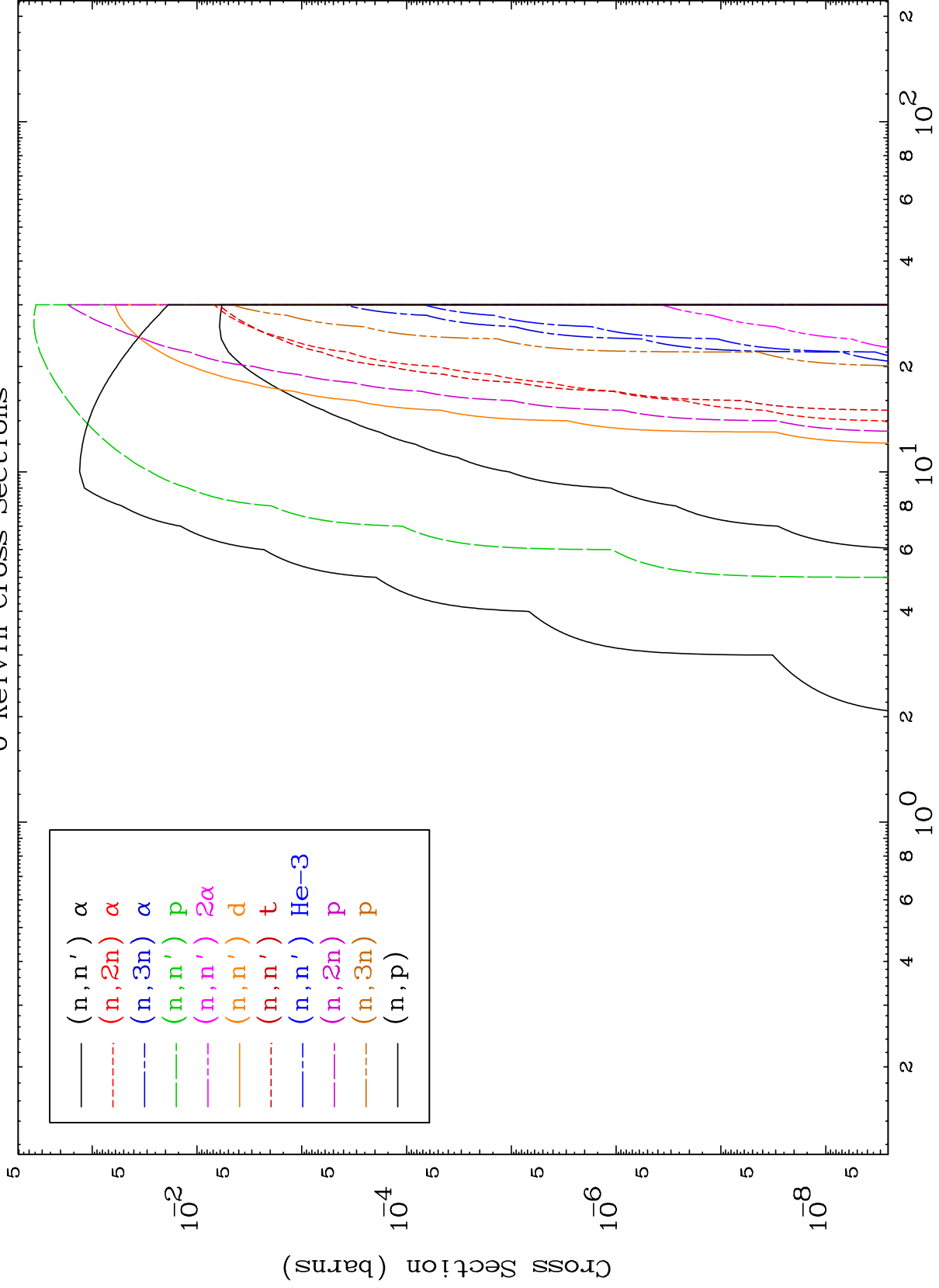
68-Er-164



MAT 6831

Deuteron Charged Particle
0 Kelvin Cross Sections

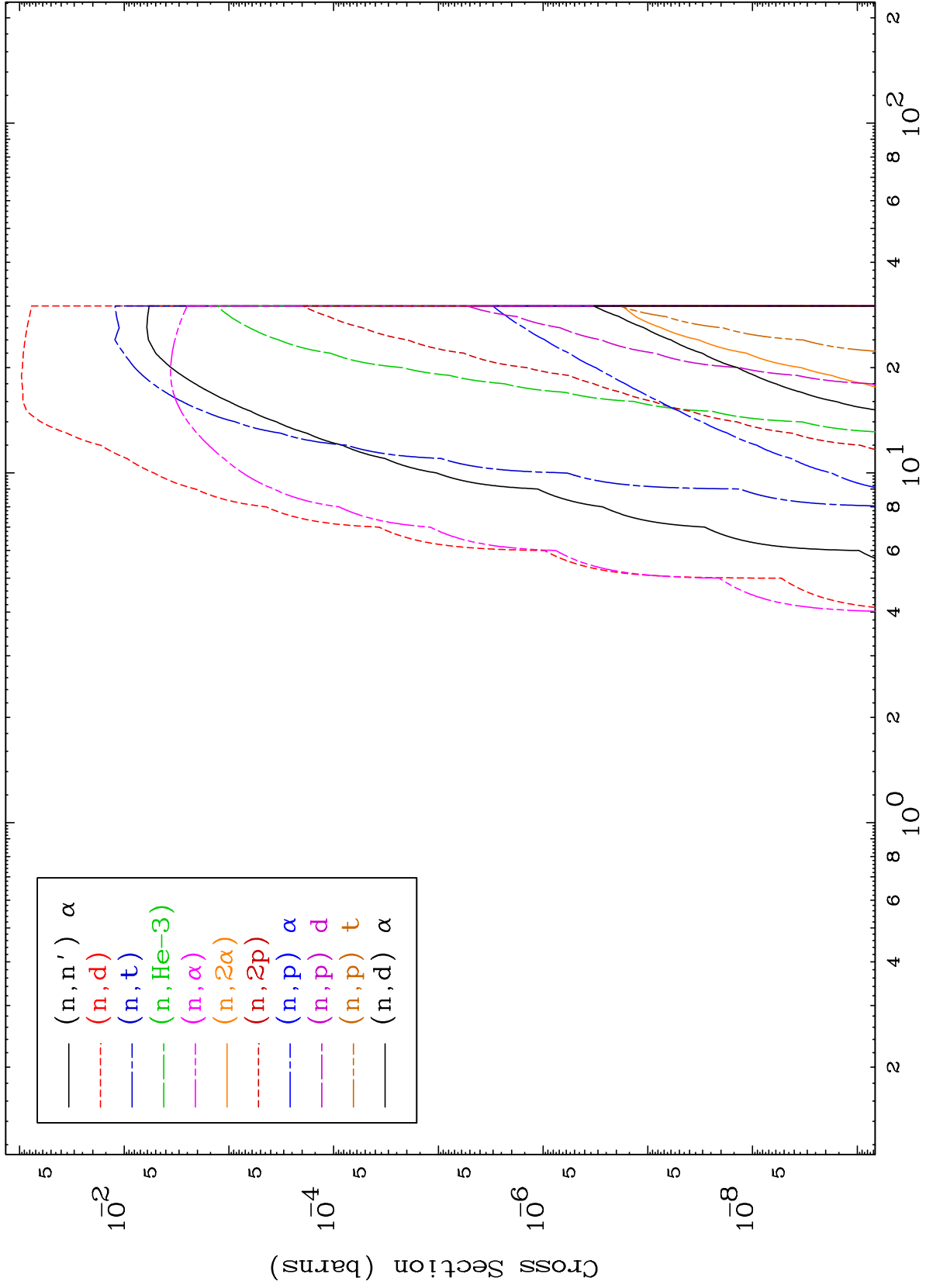
68-Er-164



5

Incident Energy (MeV)

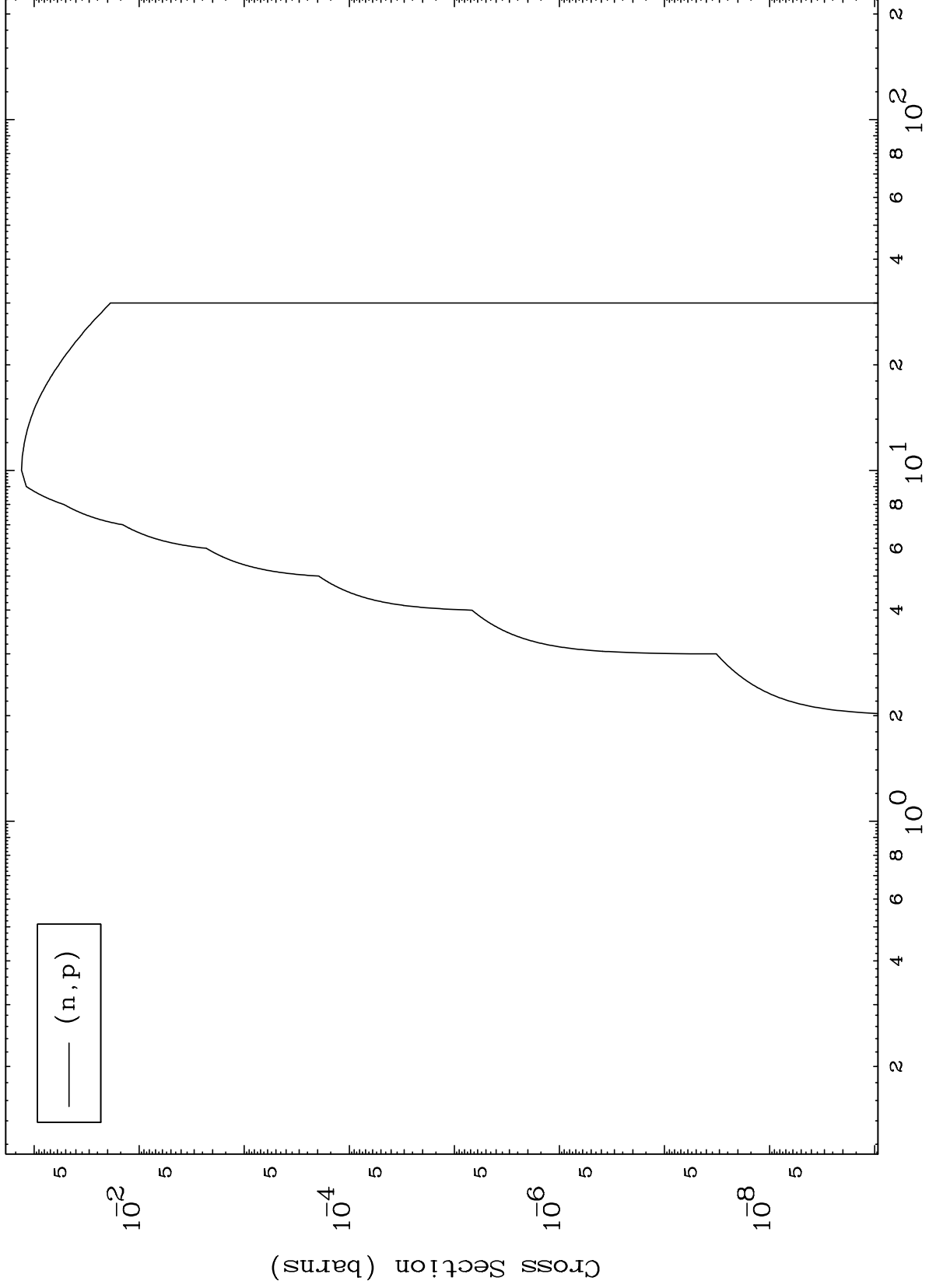
68-Er-164



MAT 6831

(d,p) Levels
0 Kelvin Cross Sections

68-Er-164

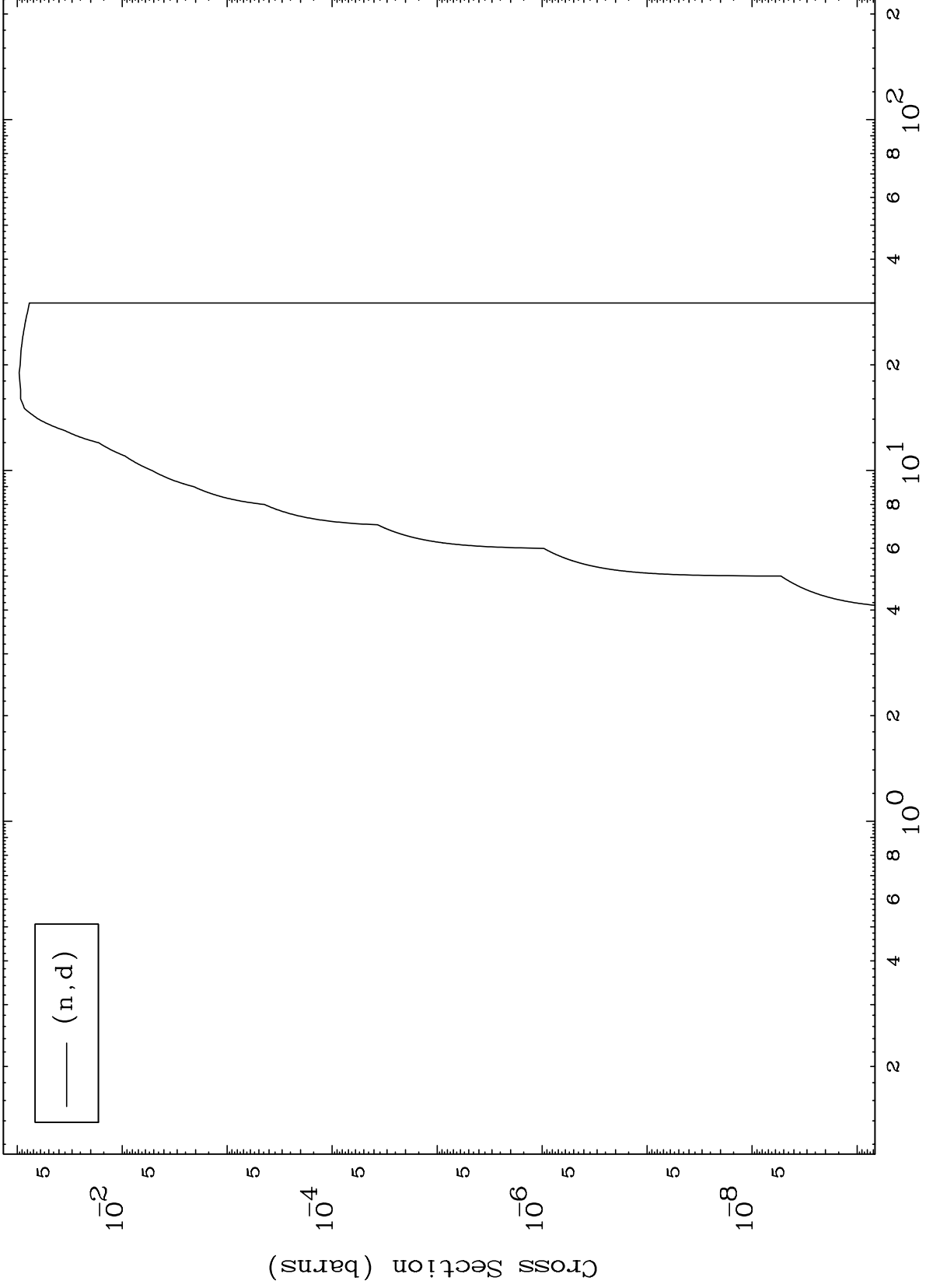


MAT 6831

(d,d) Levels

68-Er-164

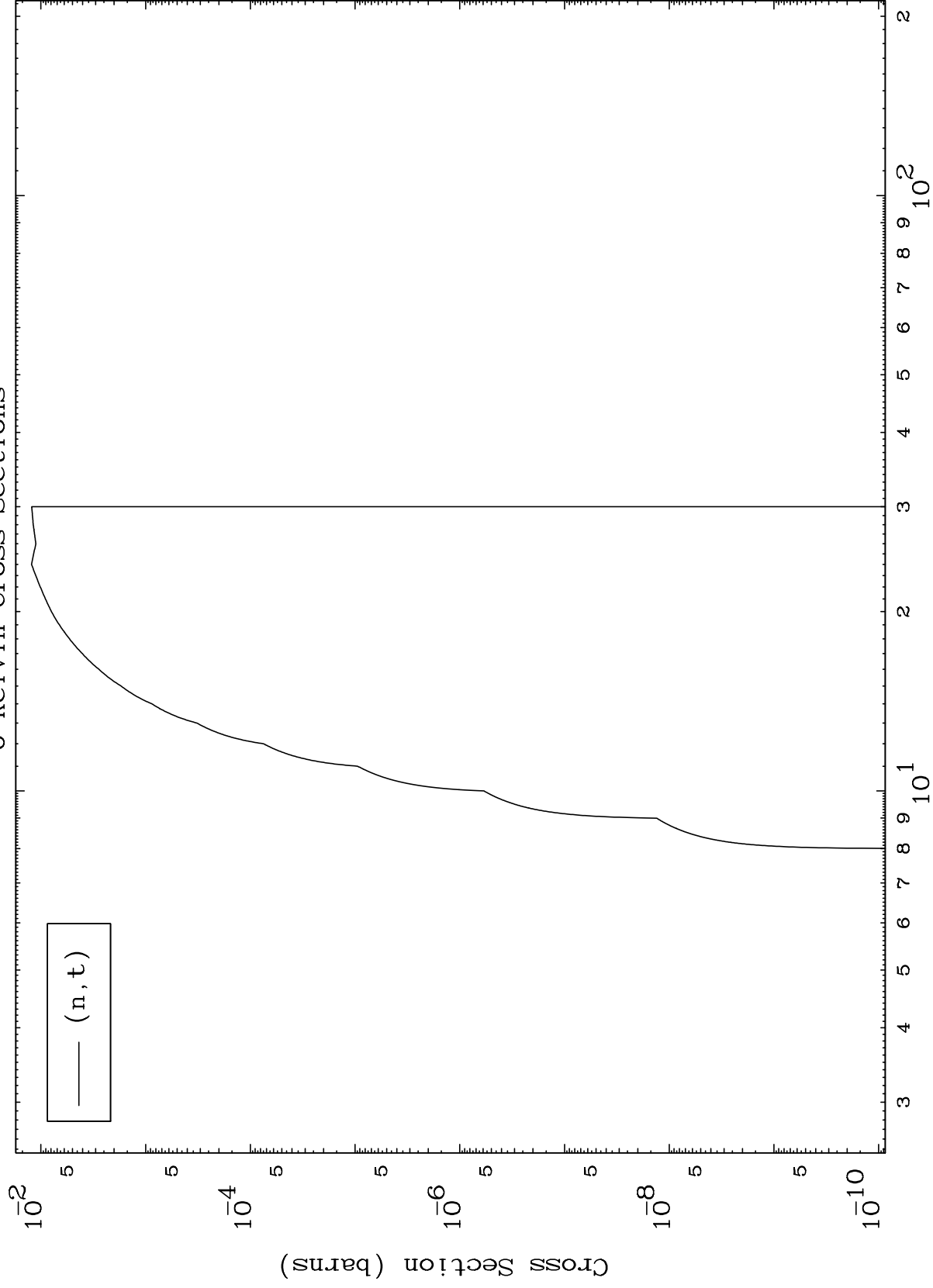
0 Kelvin Cross Sections



MAT 6831

(d,t) Levels
0 Kelvin Cross Sections

68-Er-164



9

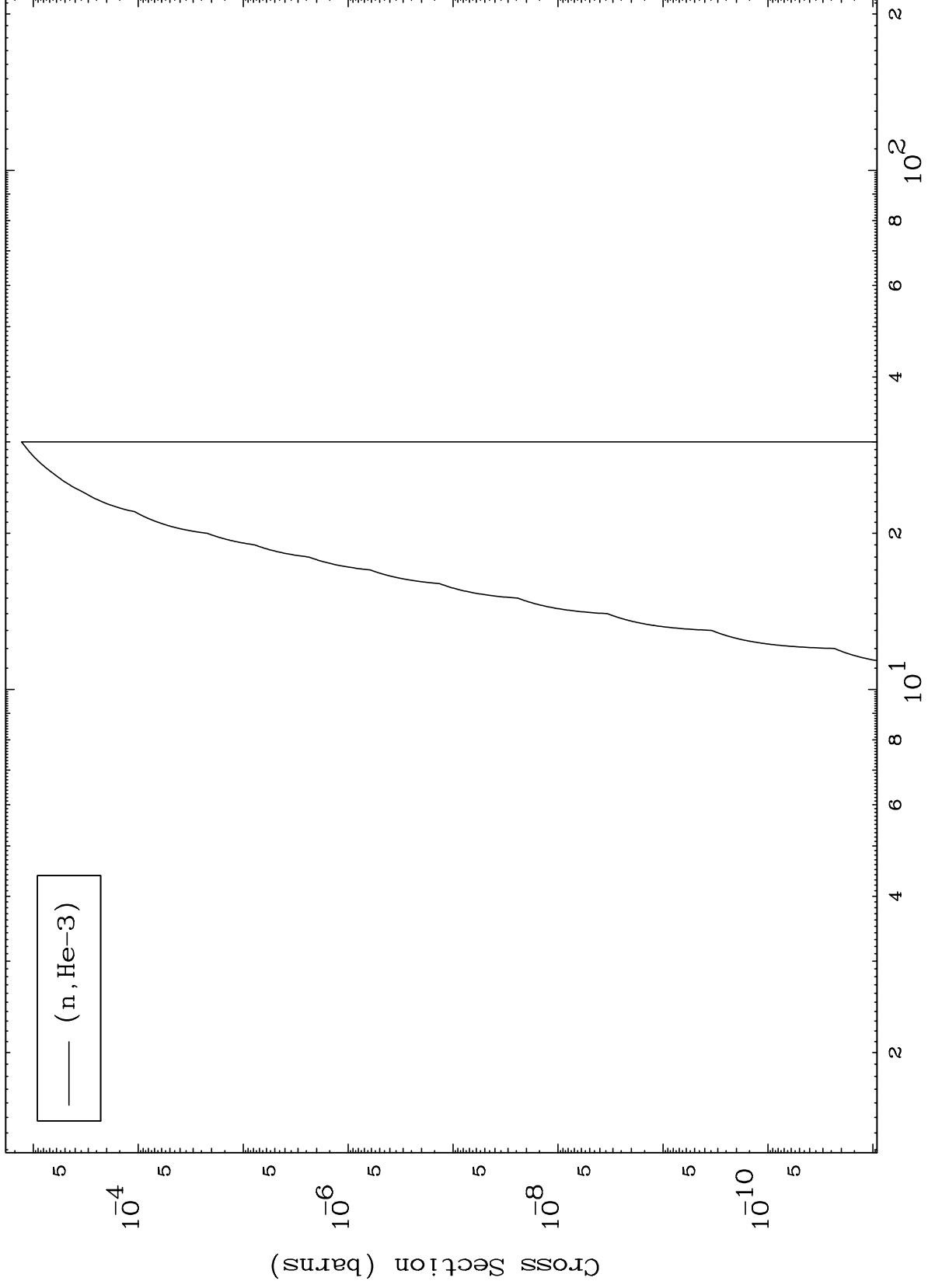
Incident Energy (MeV)

68-Er-164

MAT 6831

(d,He3) Levels
0 Kelvin Cross Sections

68-Er-164



10

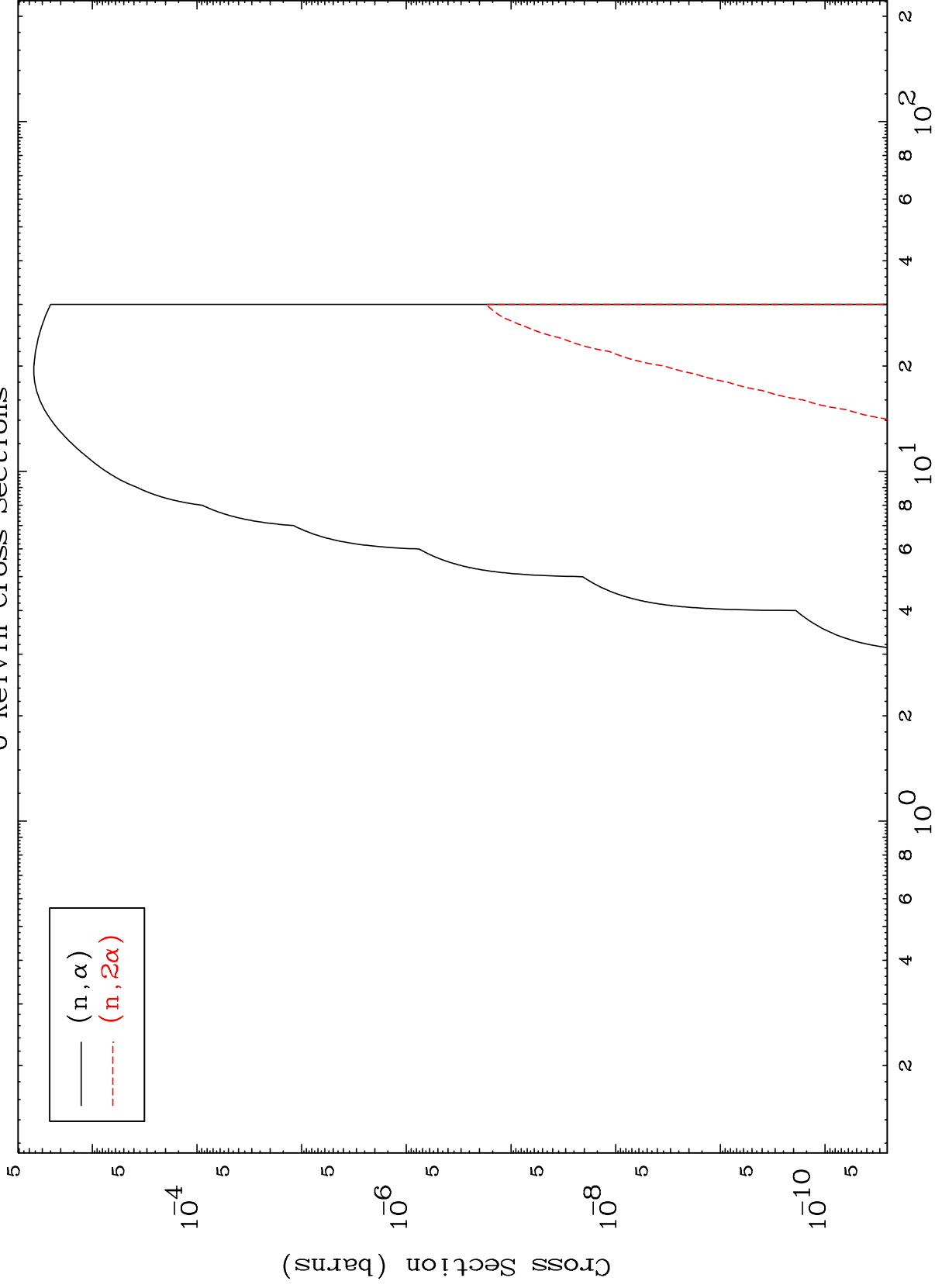
Incident Energy (MeV)

68-Er-164

MAT 6831

(d, α) Levels
0 Kelvin Cross Sections

68-Er-164

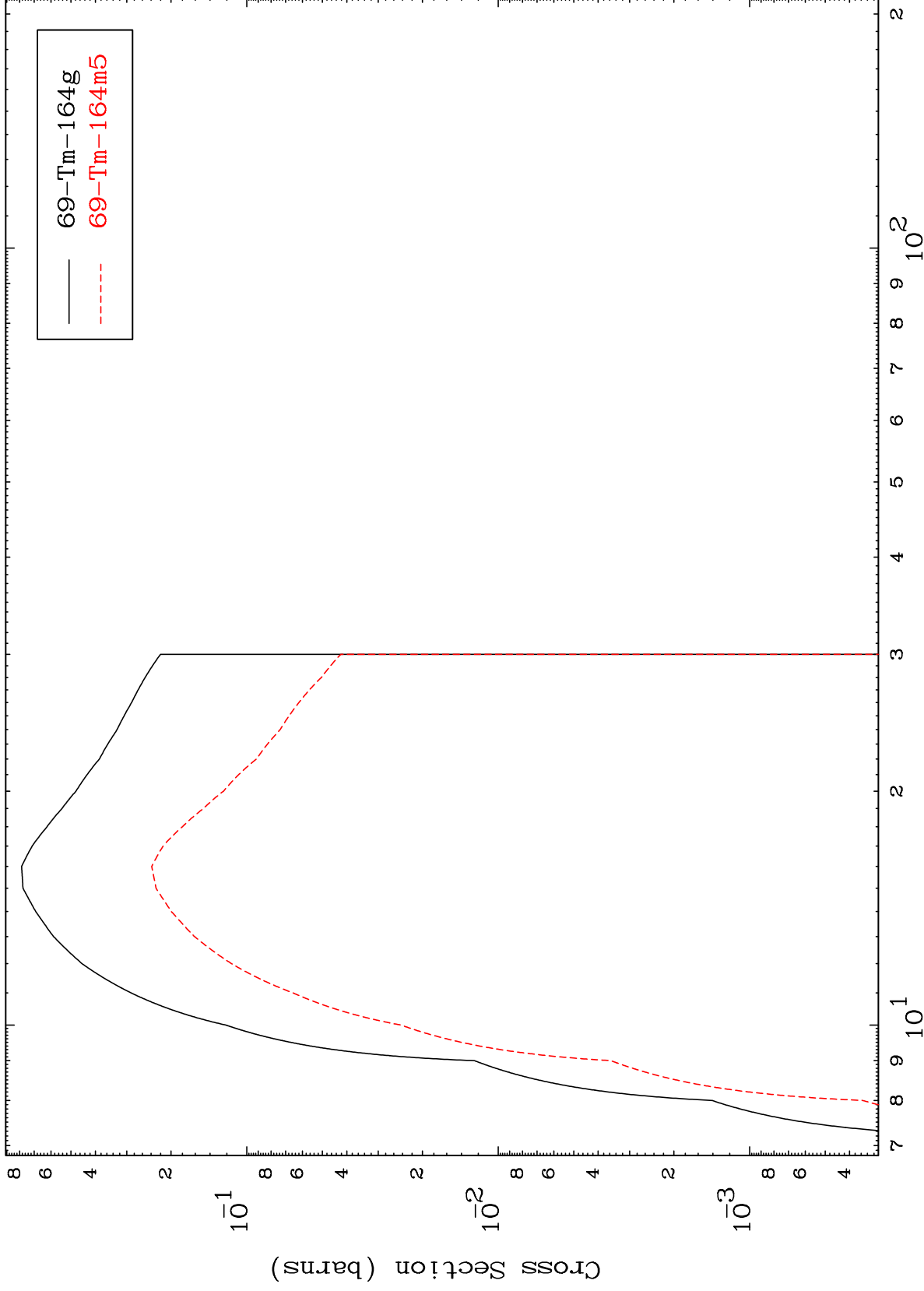


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(n,2n)

68-Er-164

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

12

Incident Energy (MeV)

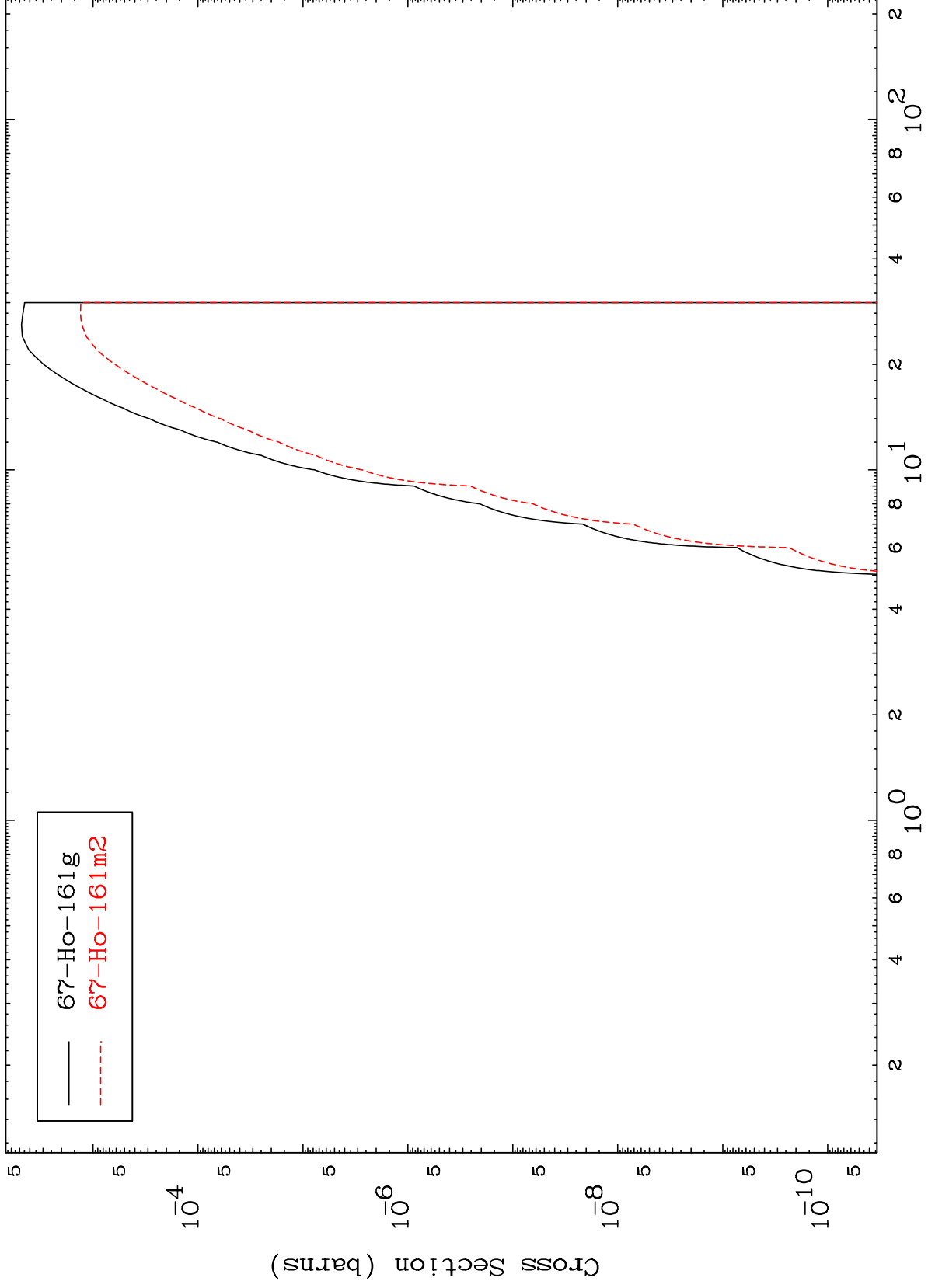
68-Er-164

MAT 6831

$(n, n') \alpha$

68-Er-164

Radionuclide Production Cross Section



13

Incident Energy (MeV)

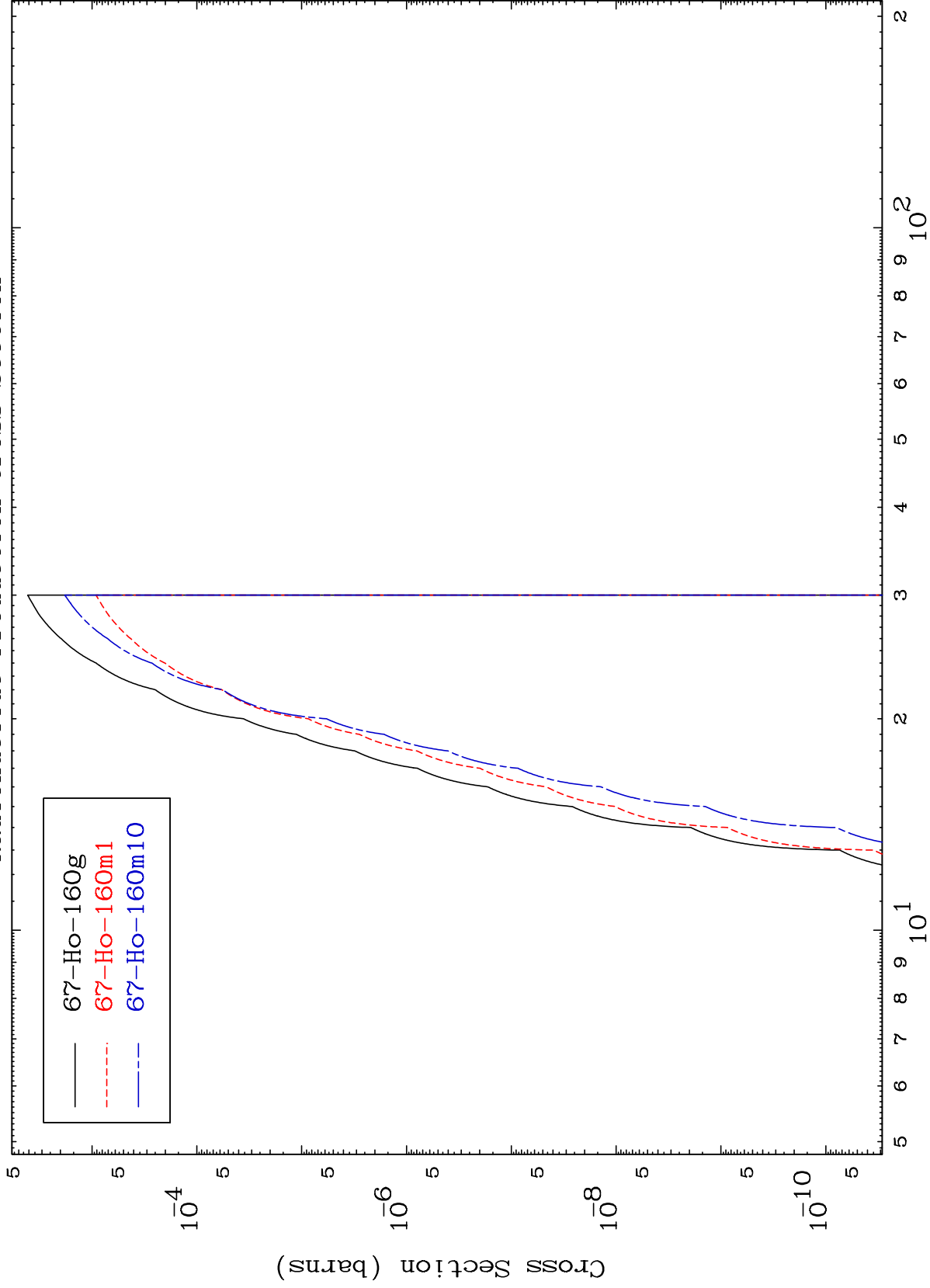
68-Er-164

MAT 6831

$(n, 2n) \alpha$

68-Er-164

Radionuclide Production Cross Section



14

Incident Energy (MeV)

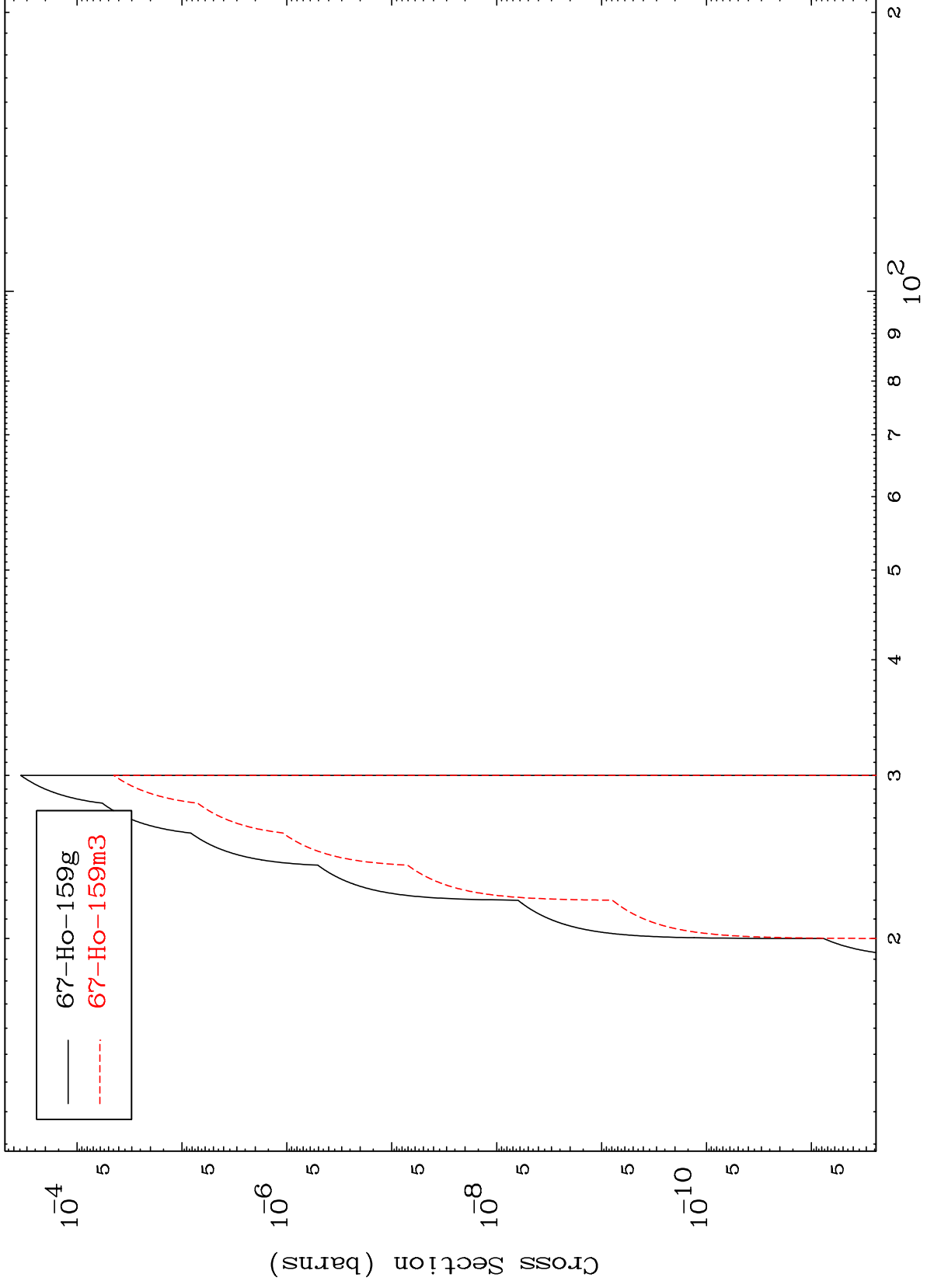
68-Er-164

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(n,3n) α

68-Er-164

Radionuclide Production Cross Section



15

Incident Energy (MeV)

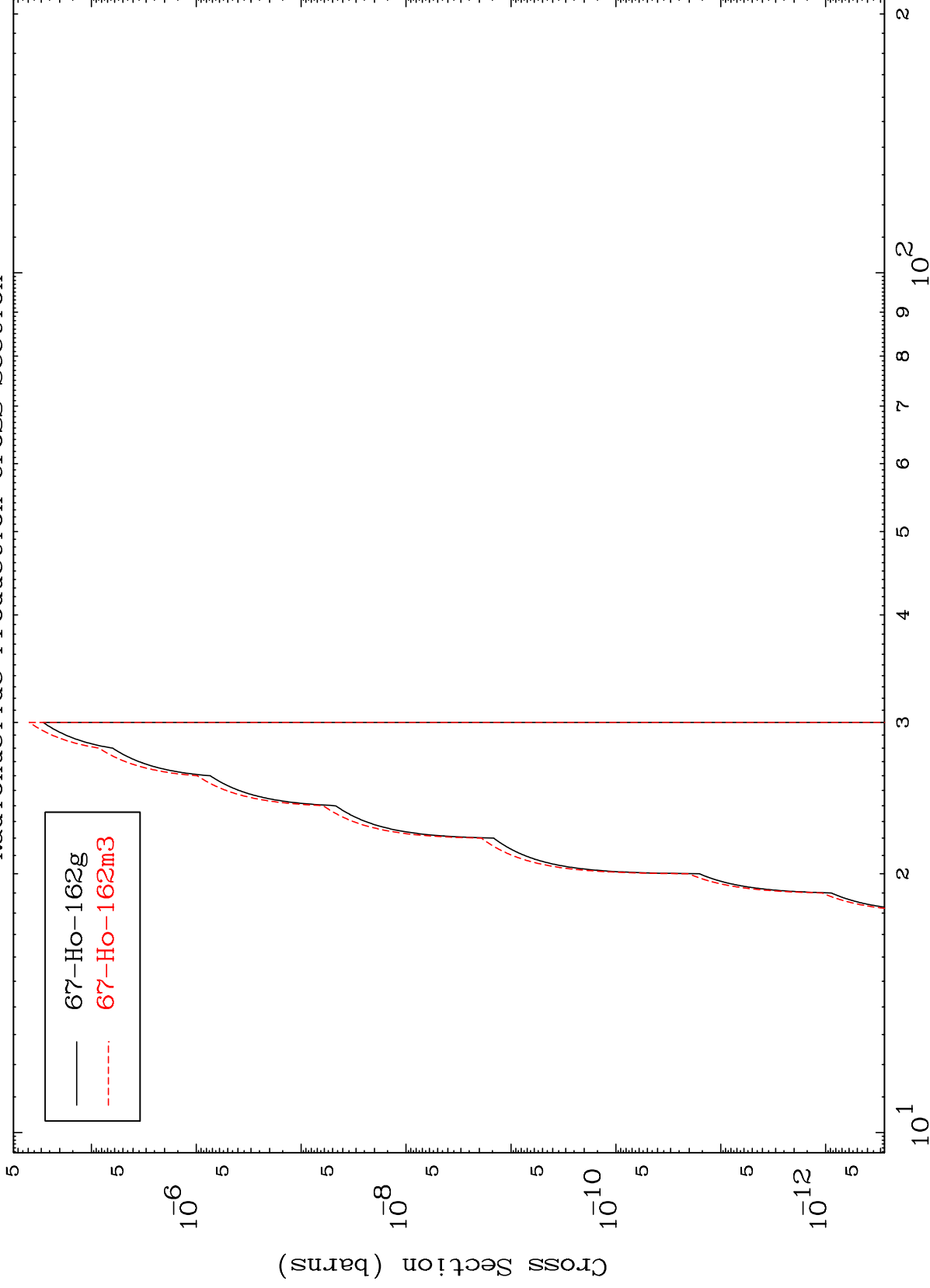
68-Er-164

MAT 6831

(n,n') He-3

68-Er-164

Radionuclide Production Cross Section



16

Incident Energy (MeV)

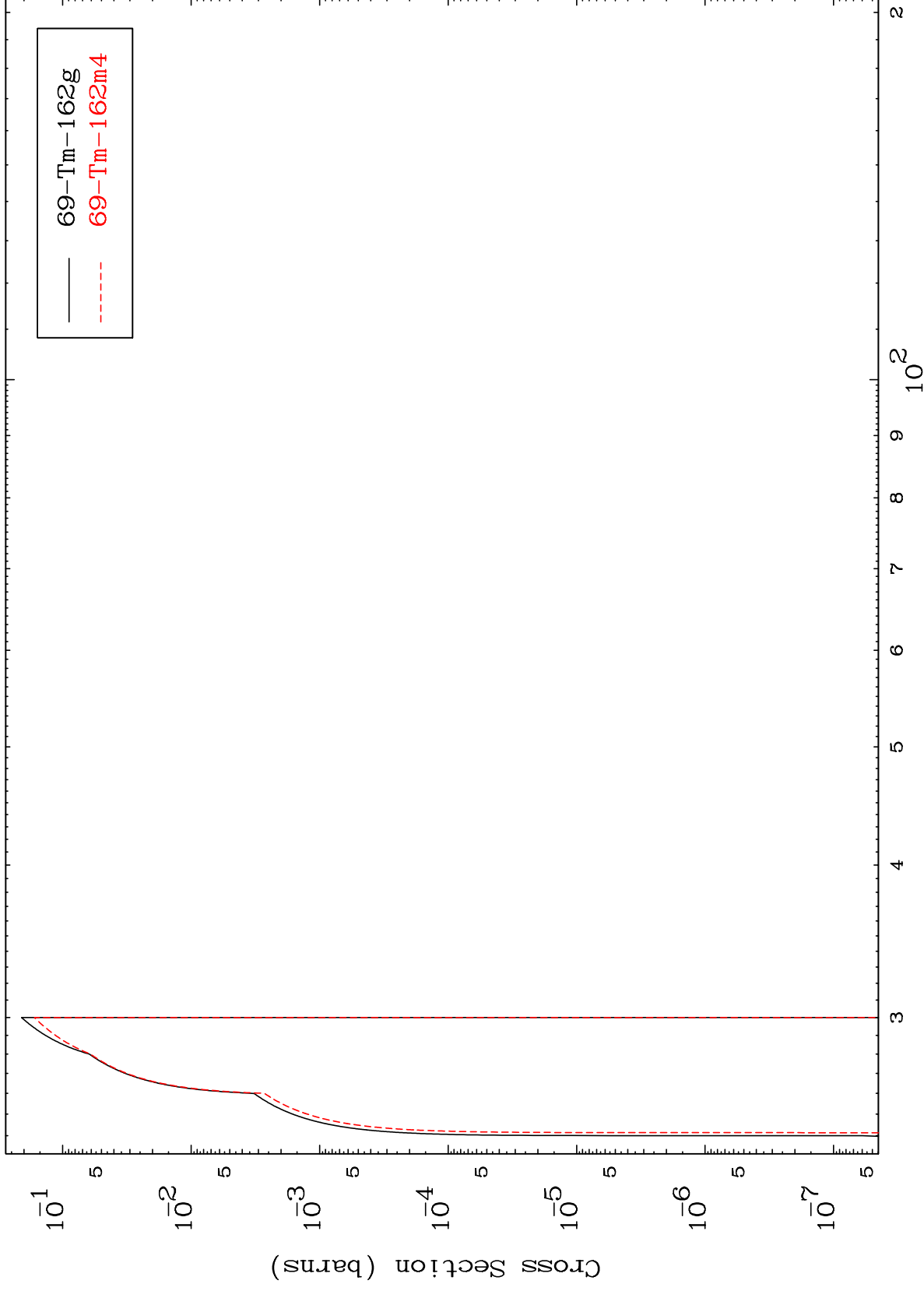
68-Er-164

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(n,4n)

68-Er-164

Radionuclide Production Cross Section



17

Incident Energy (MeV)

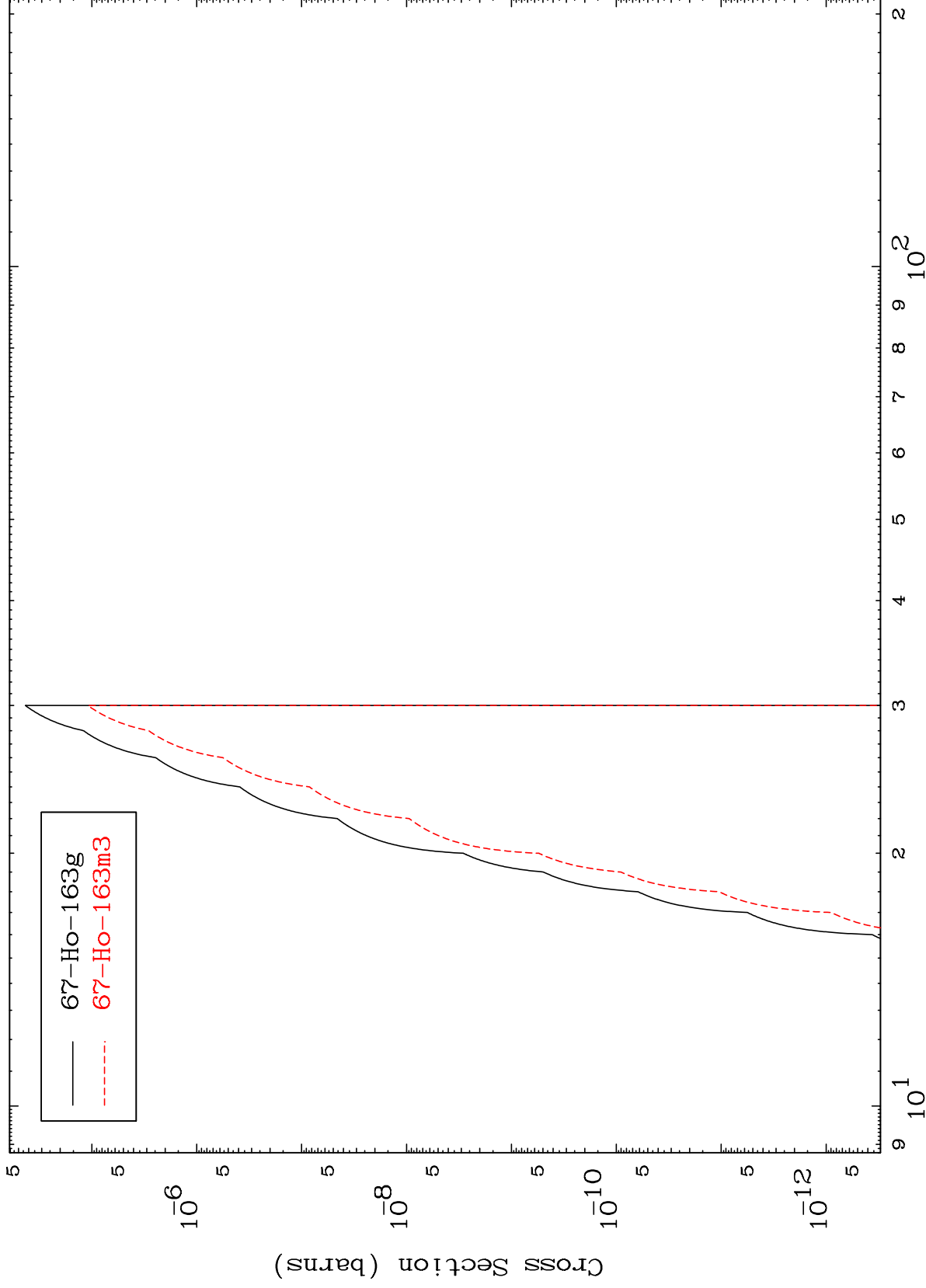
68-Er-164

MAT 6831

(n,2n) p

68-Er-164

Radionuclide Production Cross Section



18

Incident Energy (MeV)

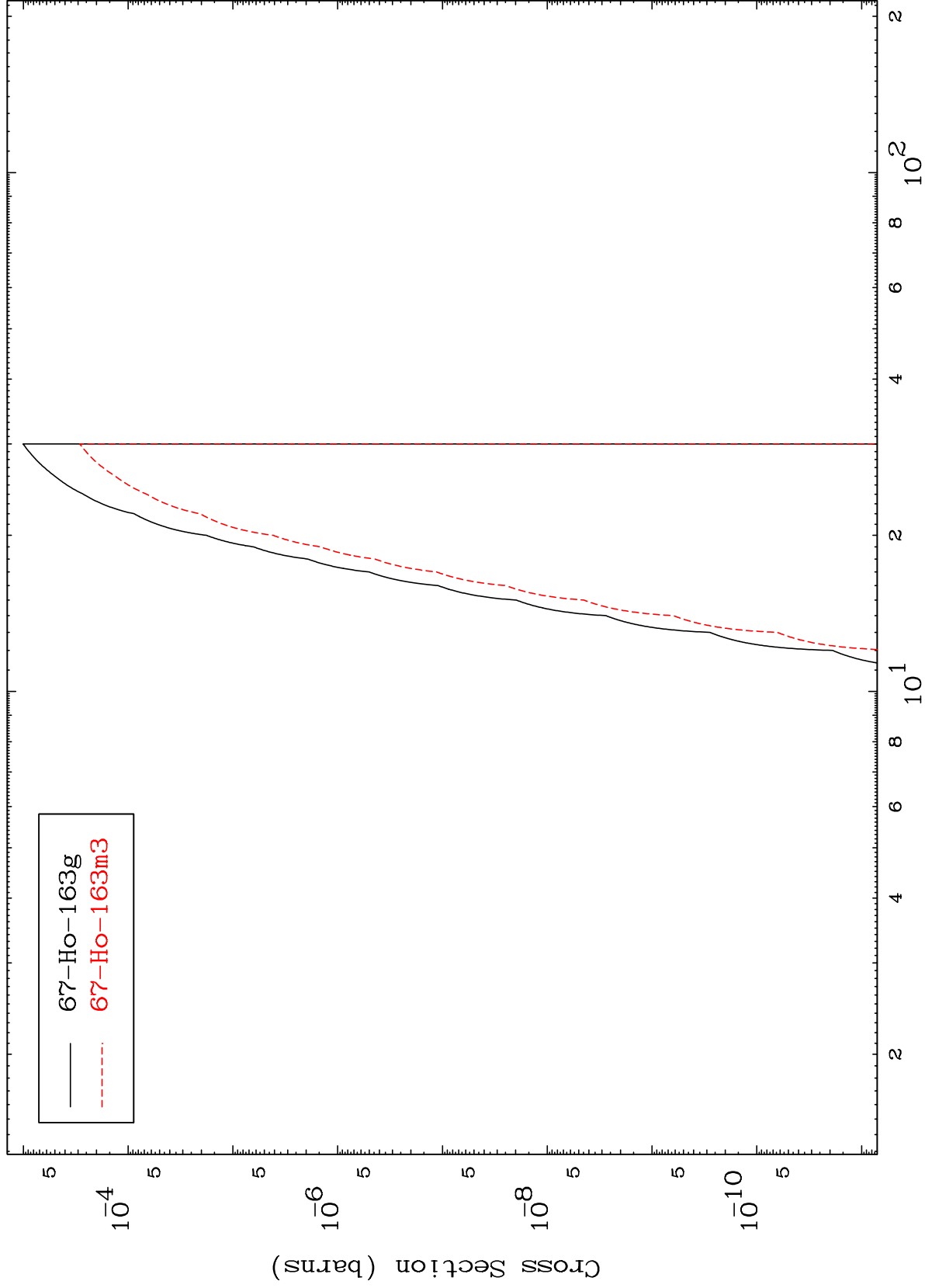
68-Er-164

MAT 6831

(n,He-3)

68-Er-164

Radionuclide Production Cross Section



19

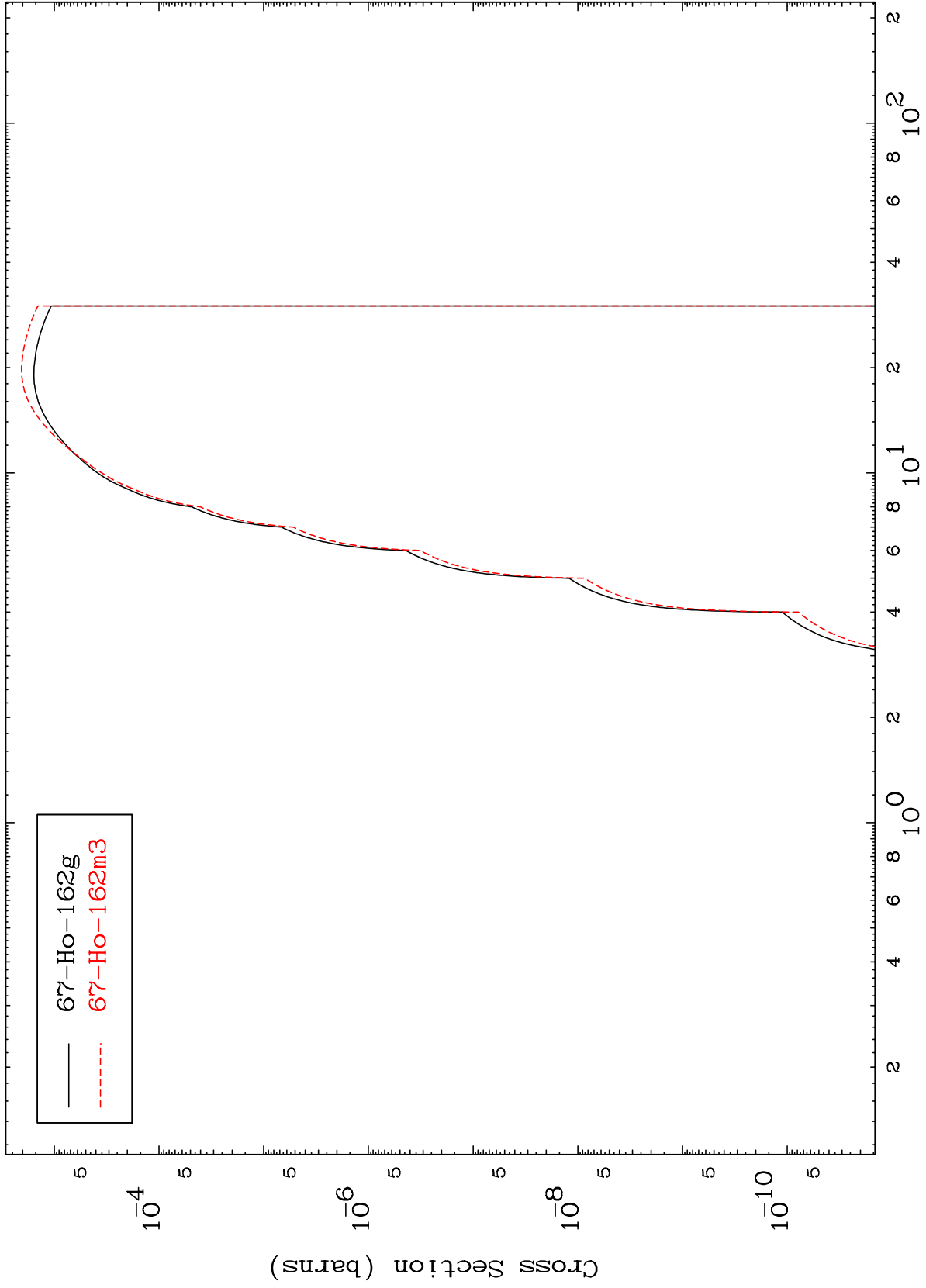
Incident Energy (MeV)

68-Er-164

MAT 6831

68-Er-164

(n, α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

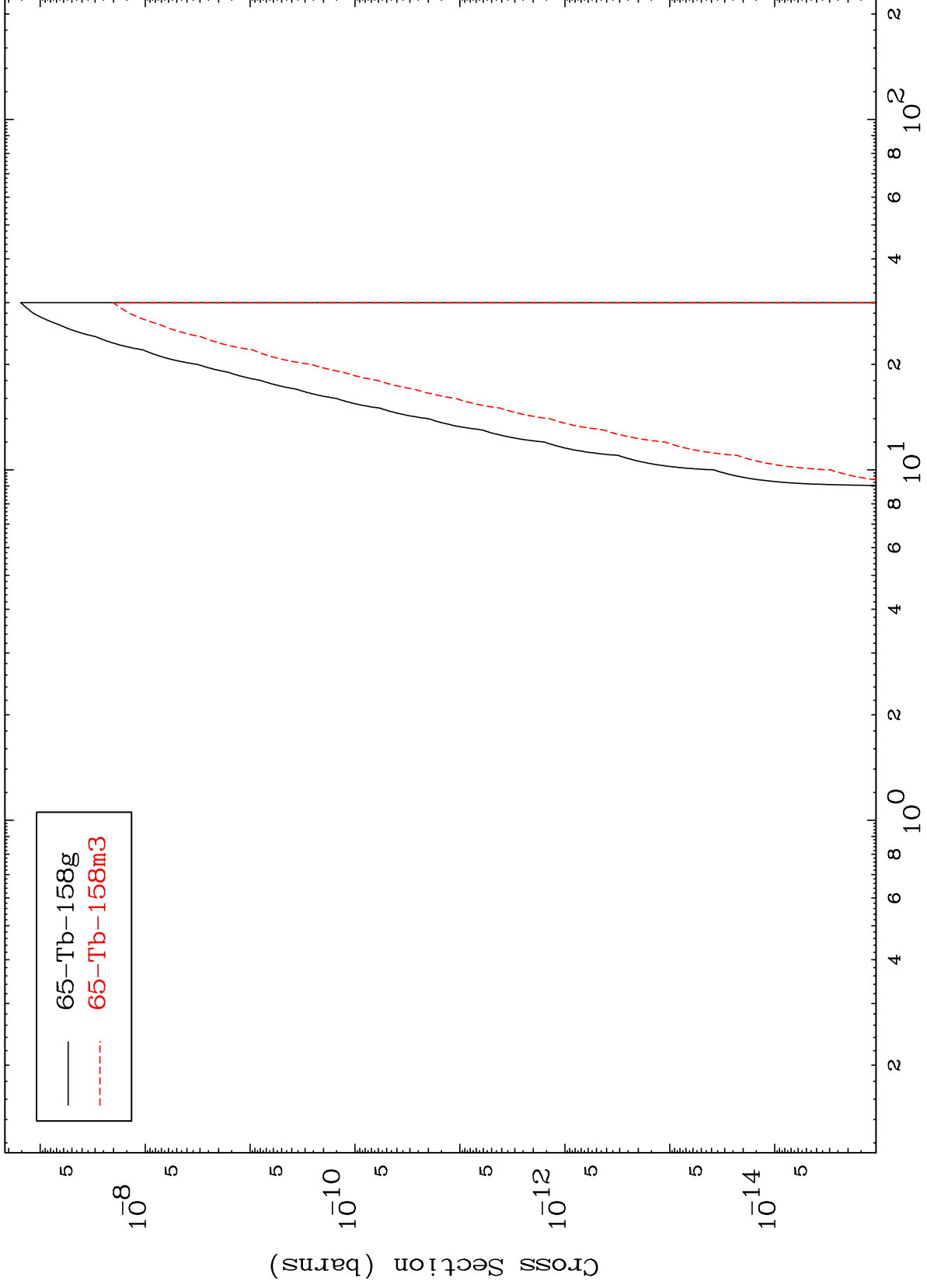
68-Er-164

MAT 6831

(n,2α)

68-Er-164

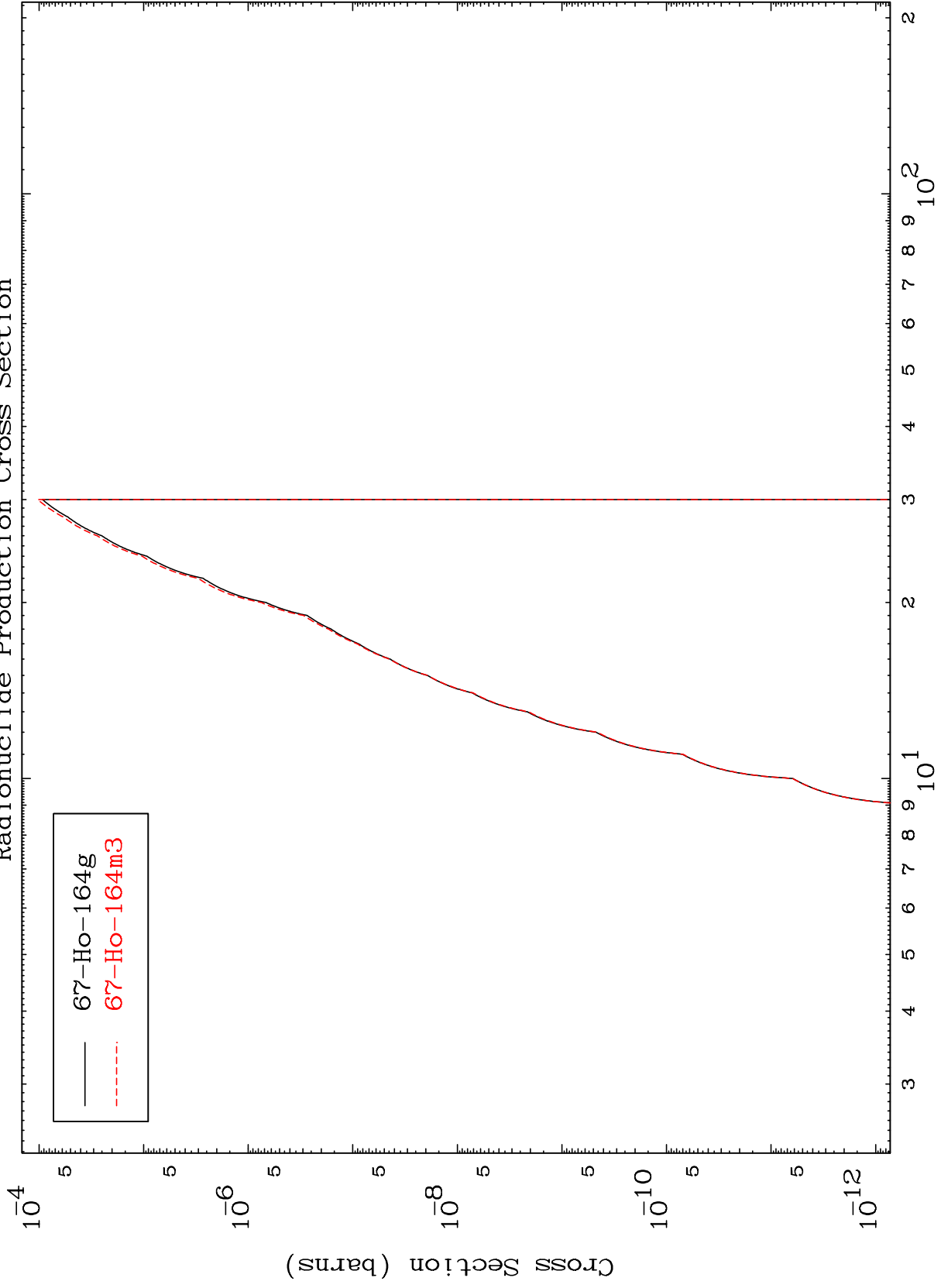
Radionuclide Production Cross Section



MAT 6831

68-Er-164

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

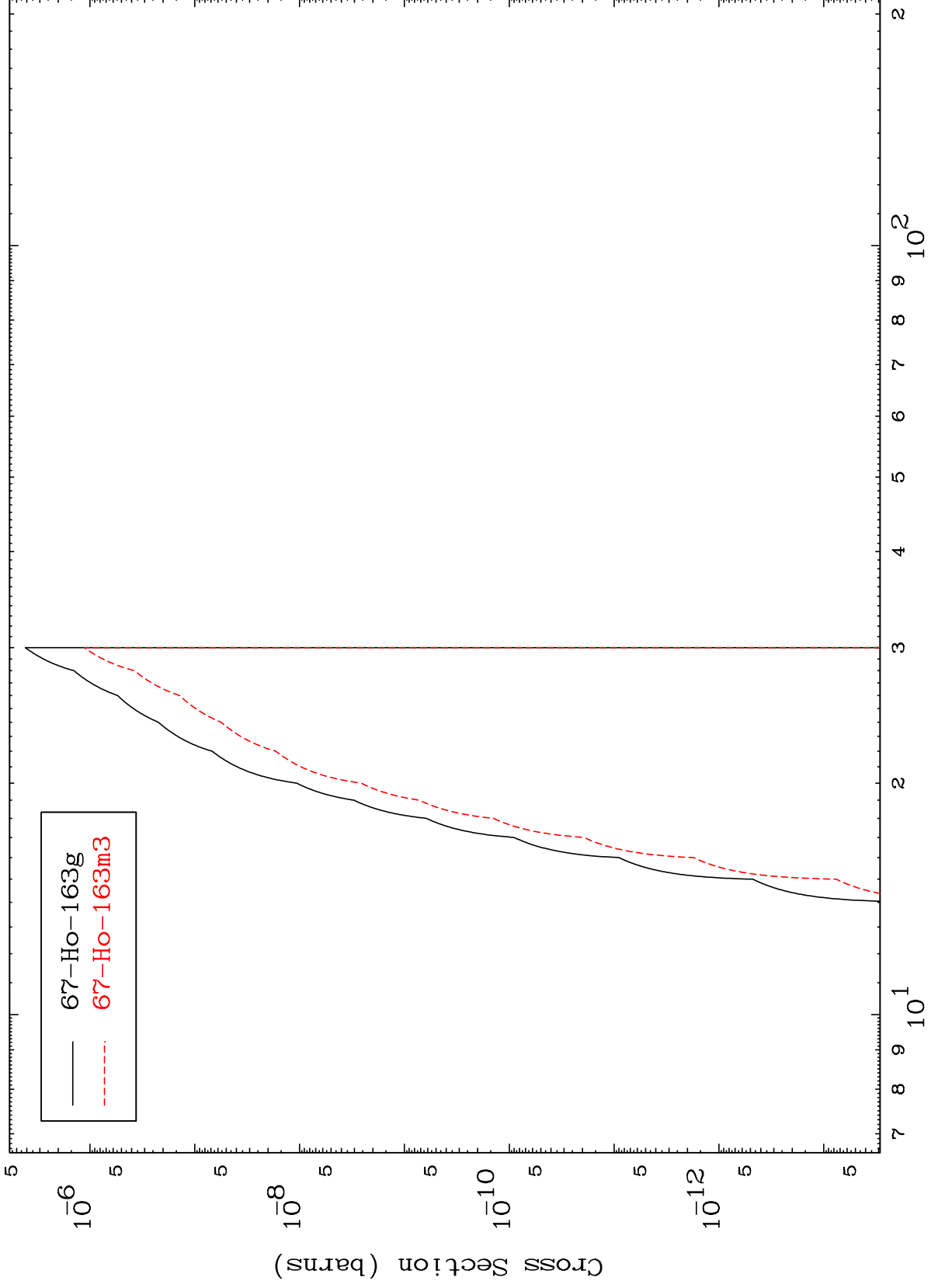
68-Er-164

MAT 6831

(n,p) d

68-Er-164

Radionuclide Production Cross Section



23

Incident Energy (MeV)

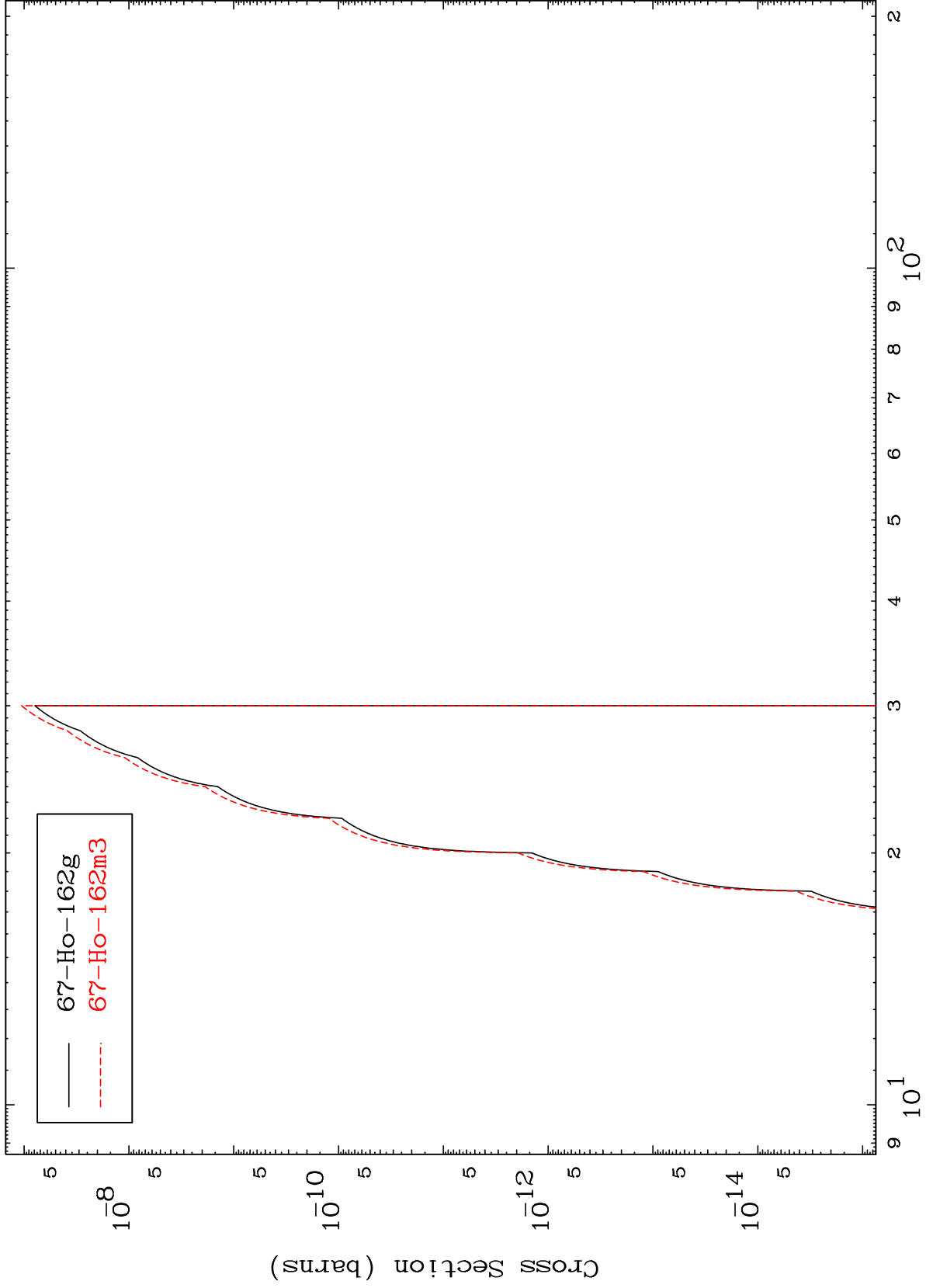
68-Er-164

MAT 6831

(n,p) t

68-Er-164

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-164

24