

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

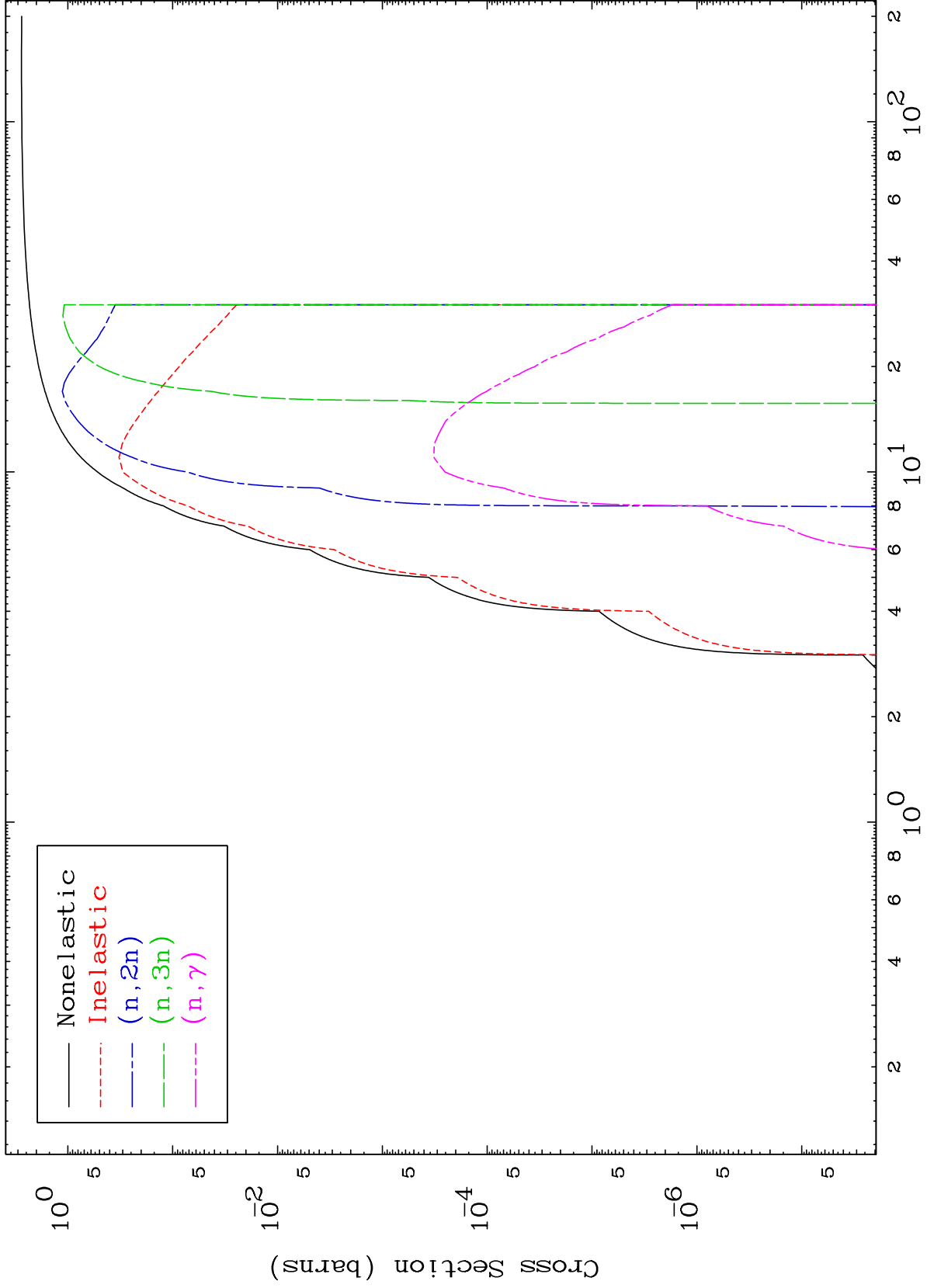
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

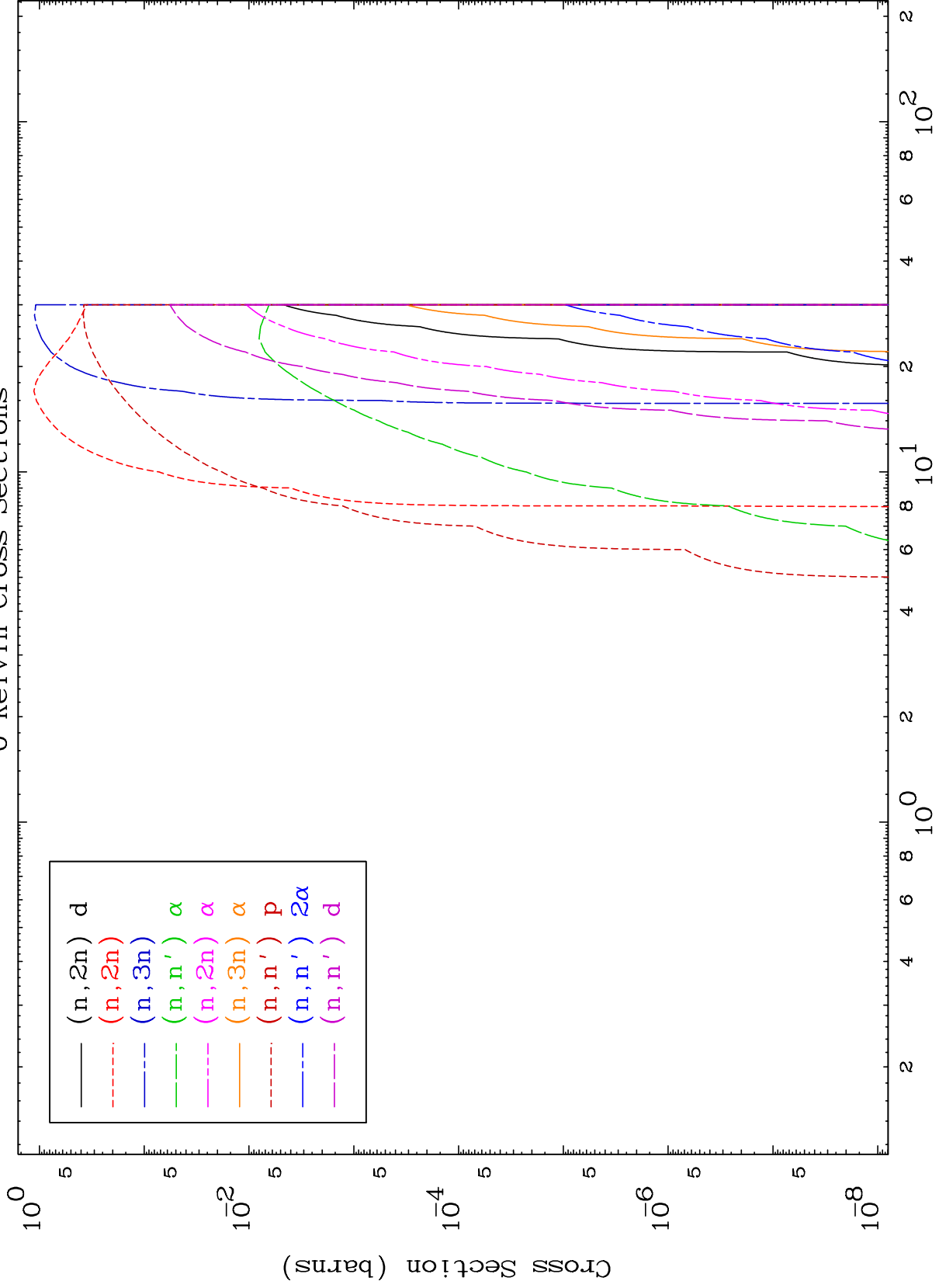
Press Mouse Button to Start

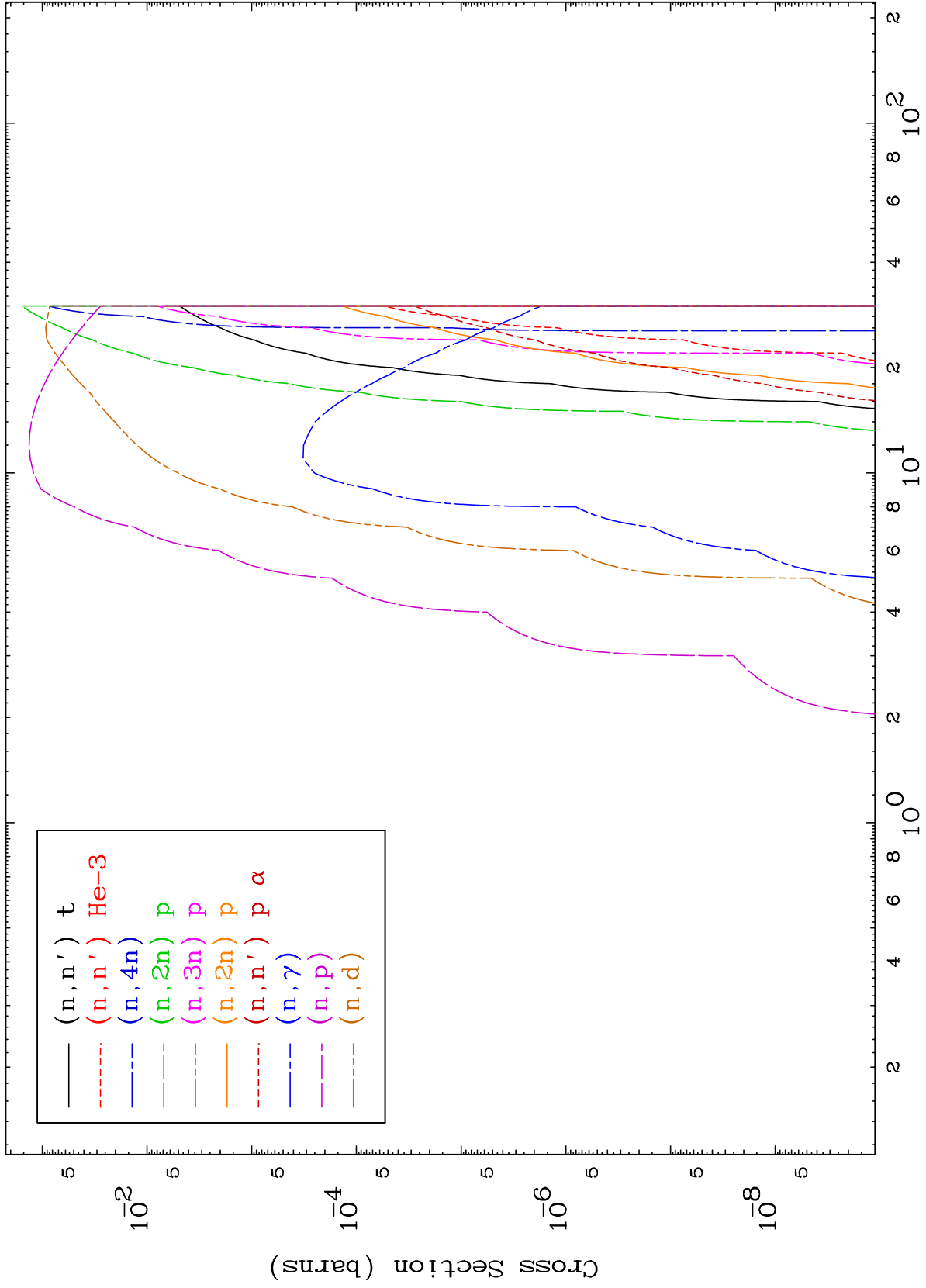


MAT 6825

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

68-Er-162

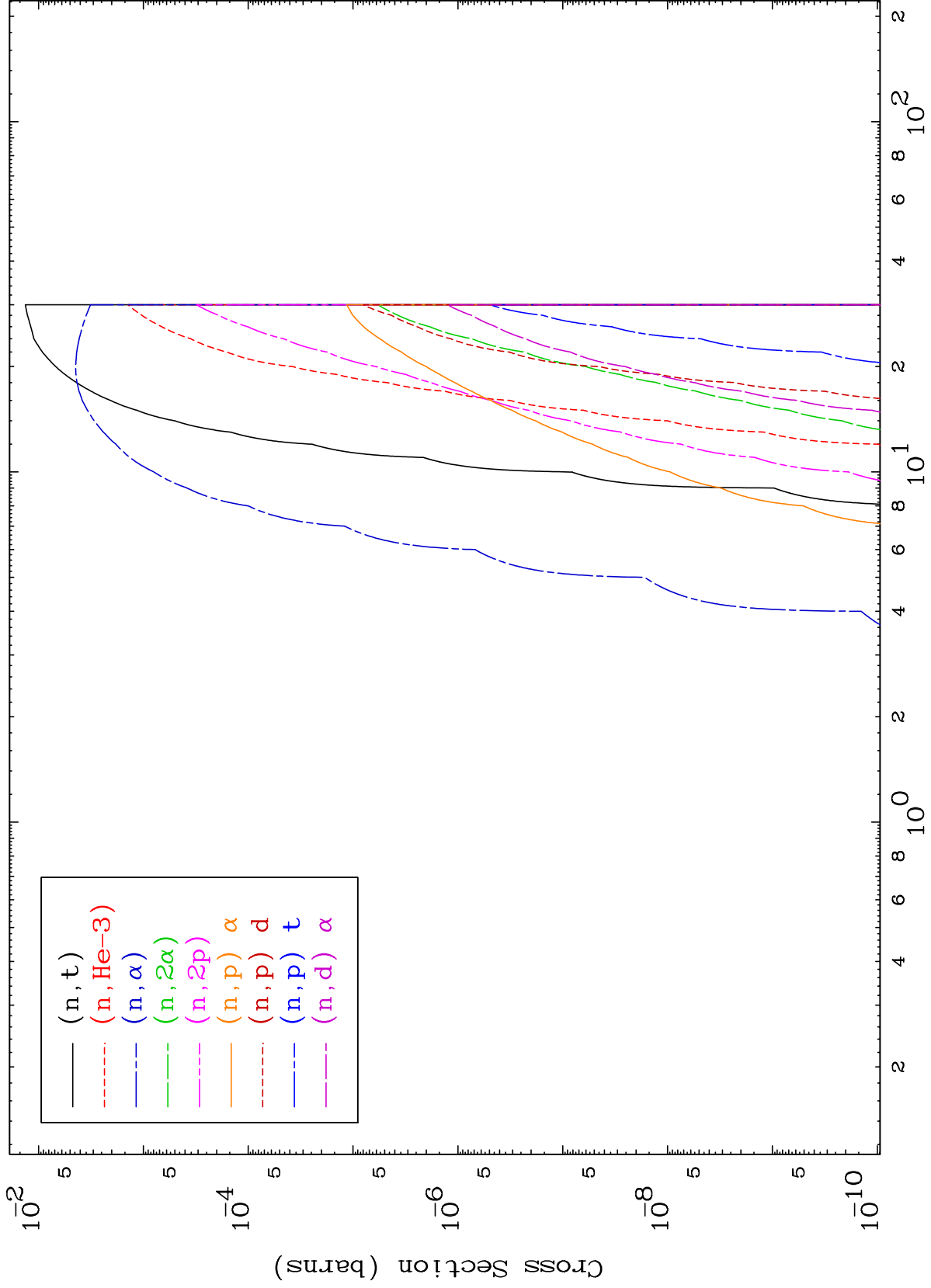


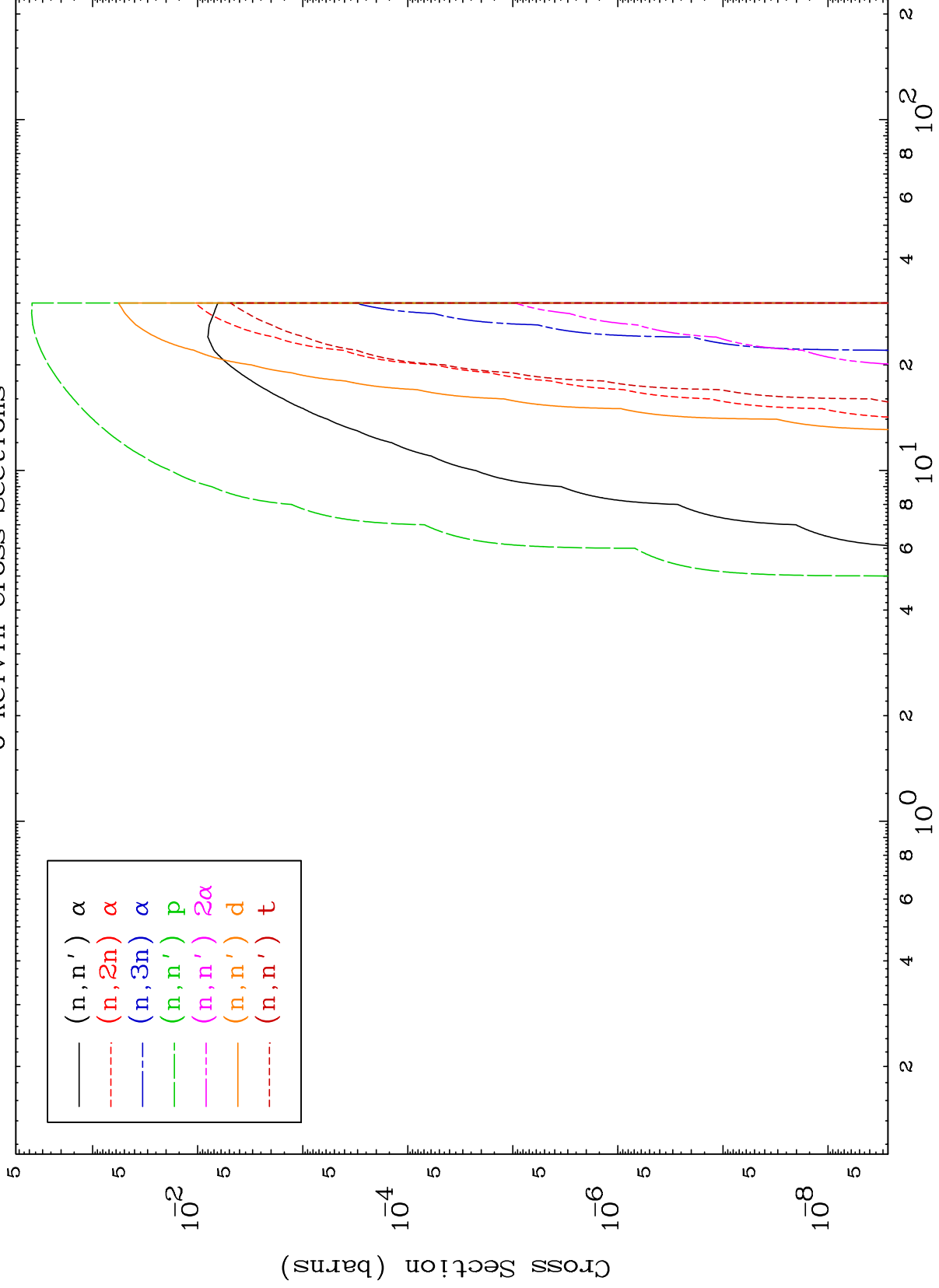


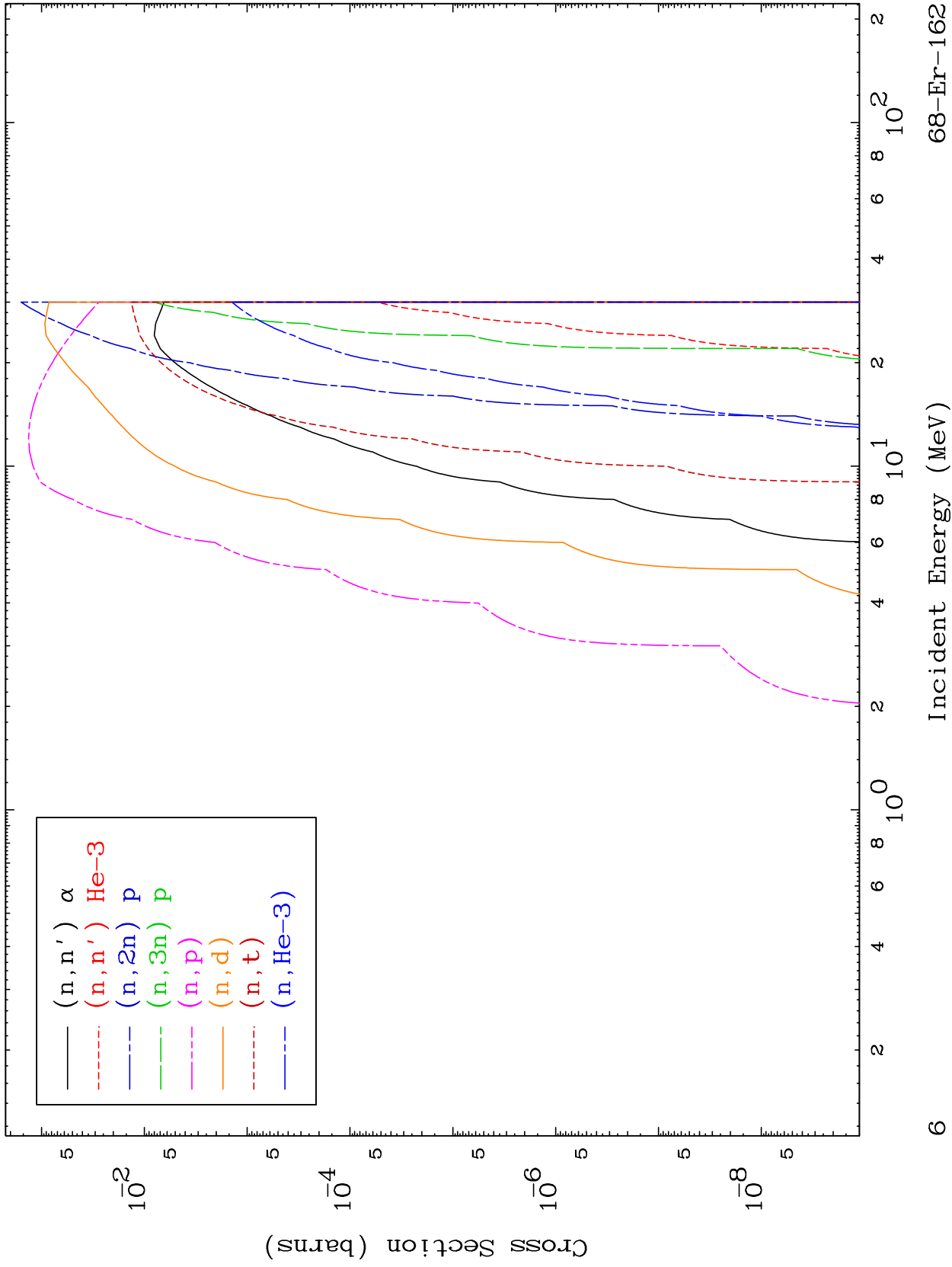
MAT 6825

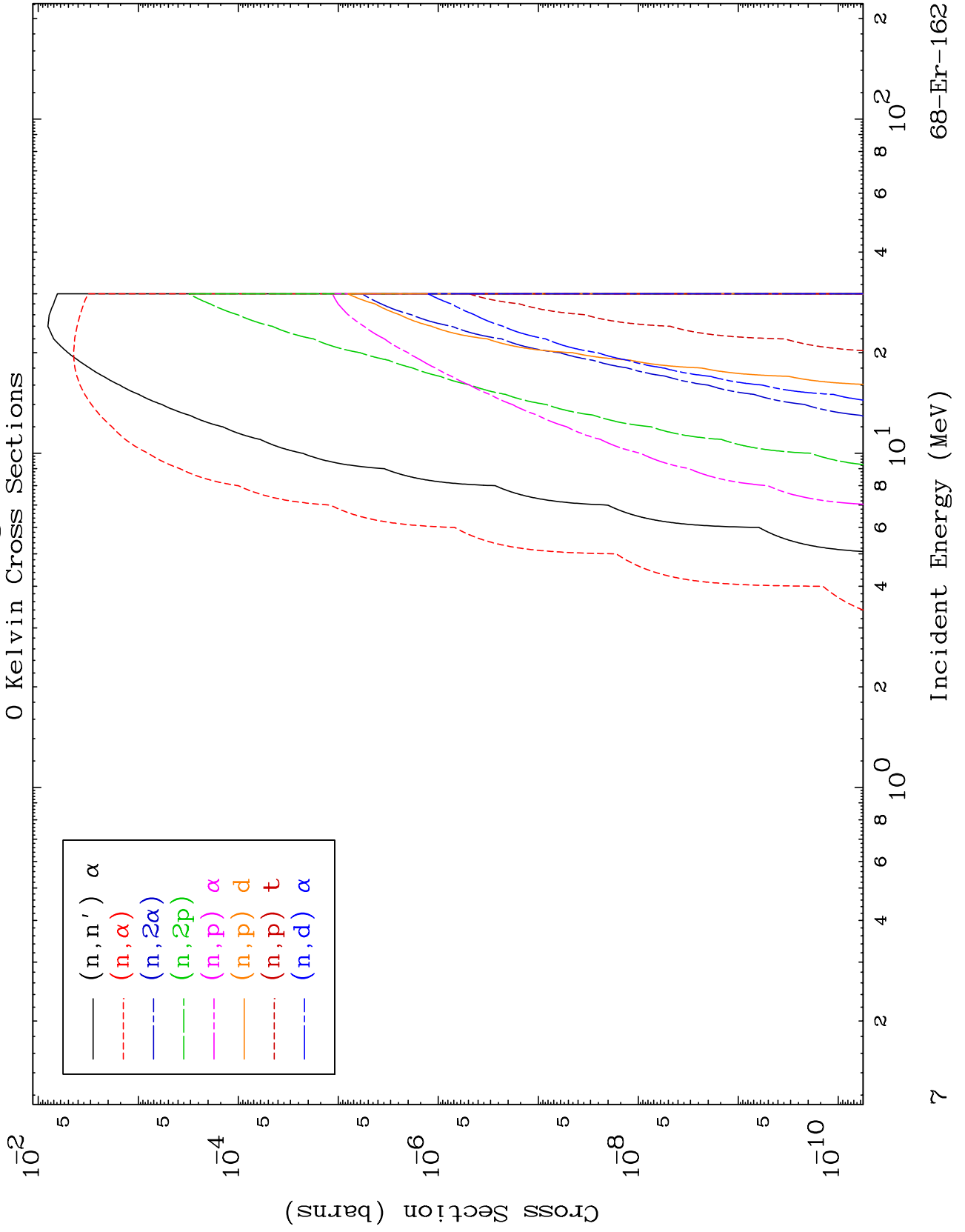
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

68-Er-162







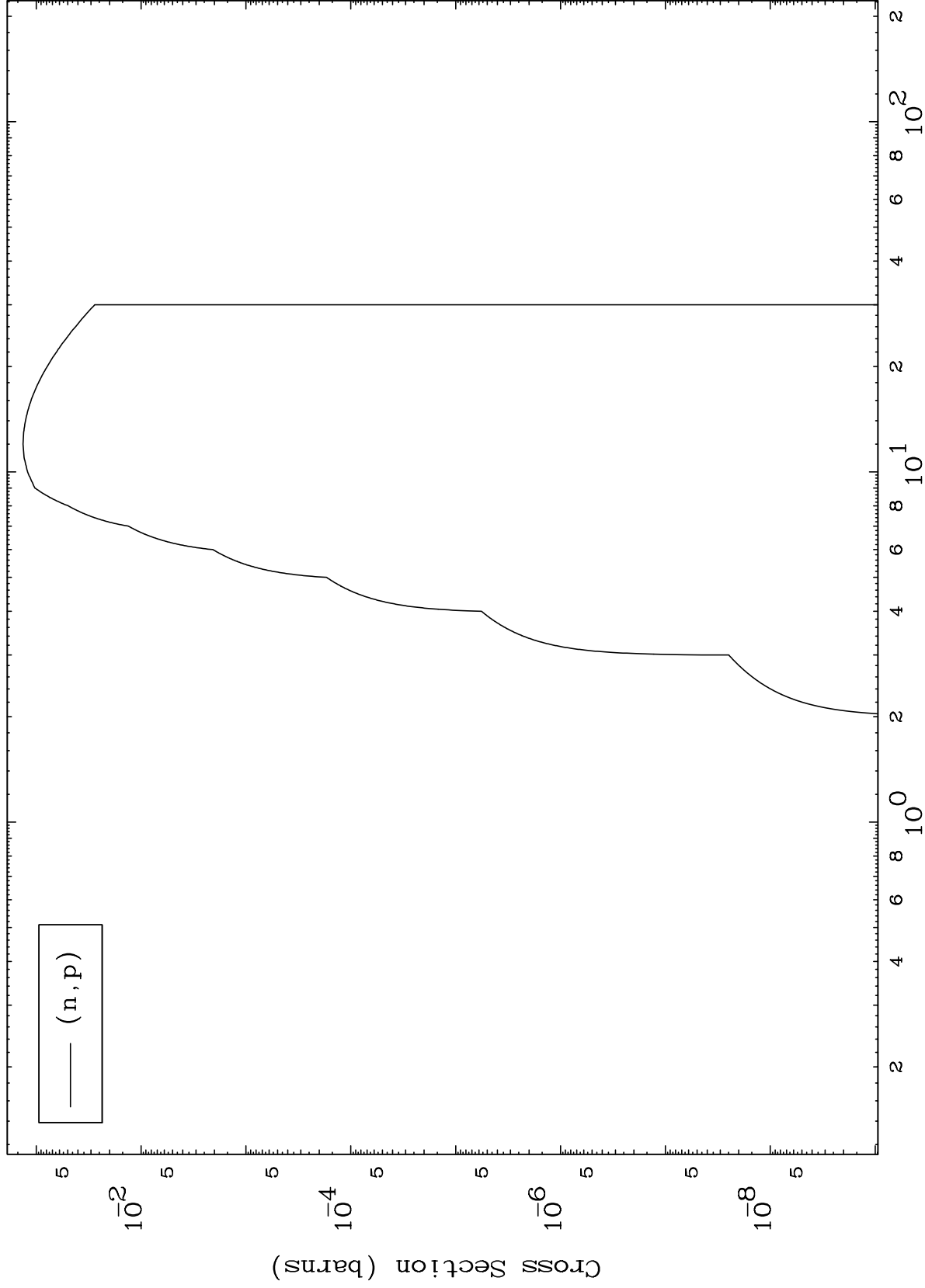


MAT 6825

(d,p) Levels

68-Er-162

0 Kelvin Cross Sections

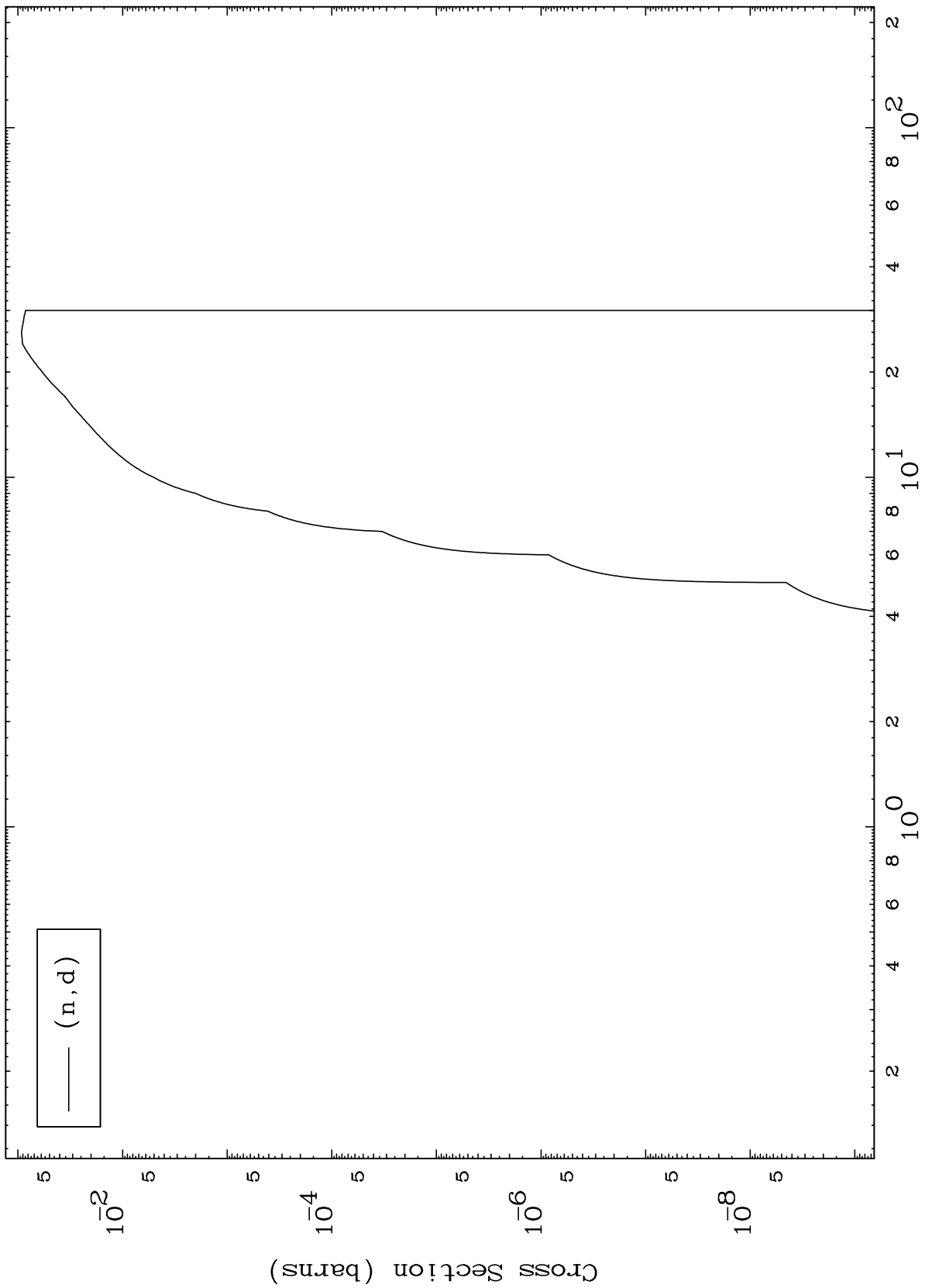


MAT 6825

(d,d) Levels

68-Er-162

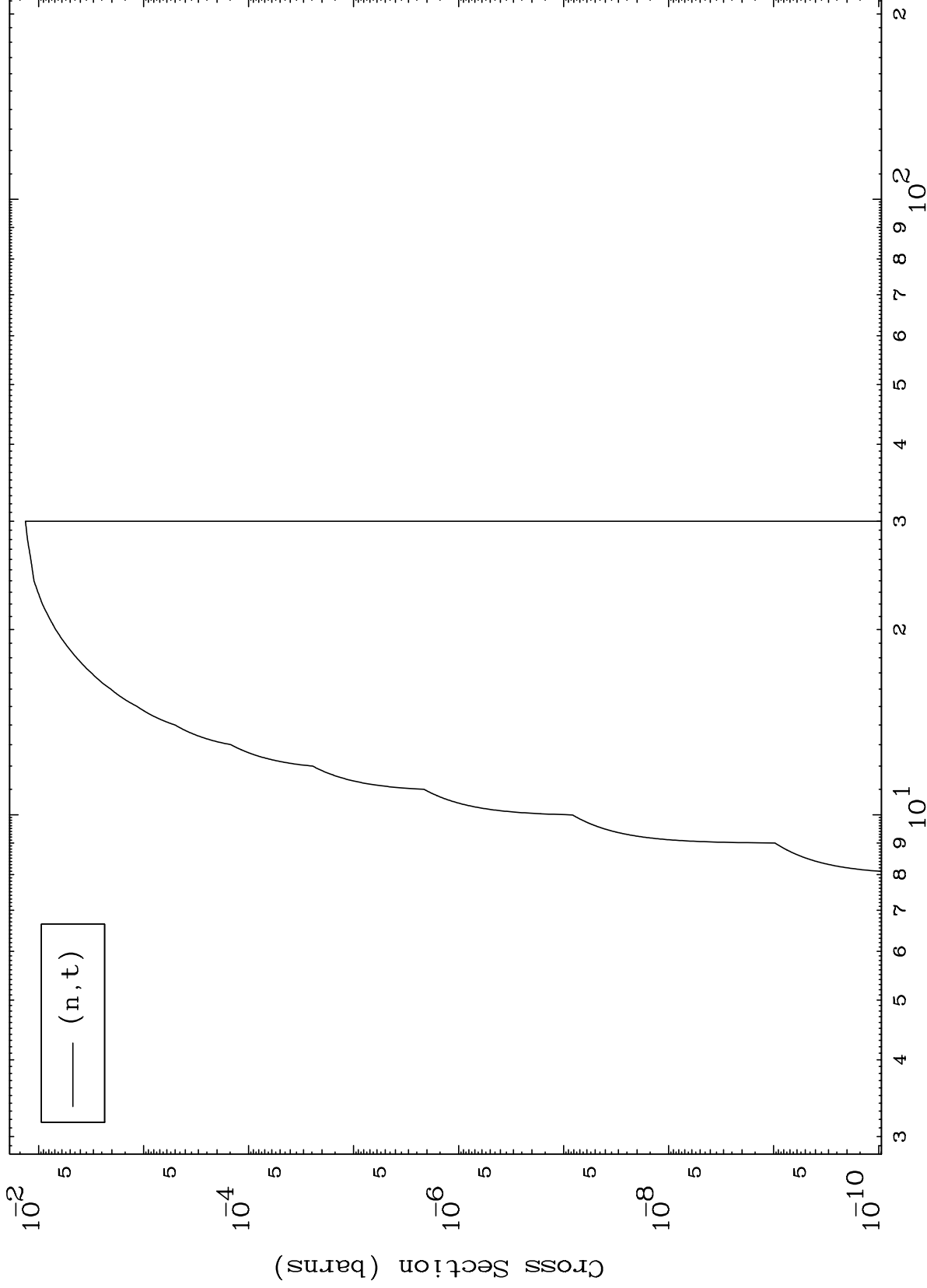
0 Kelvin Cross Sections



MAT 6825

(d,t) Levels  
0 Kelvin Cross Sections

68-Er-162



10

Incident Energy (MeV)

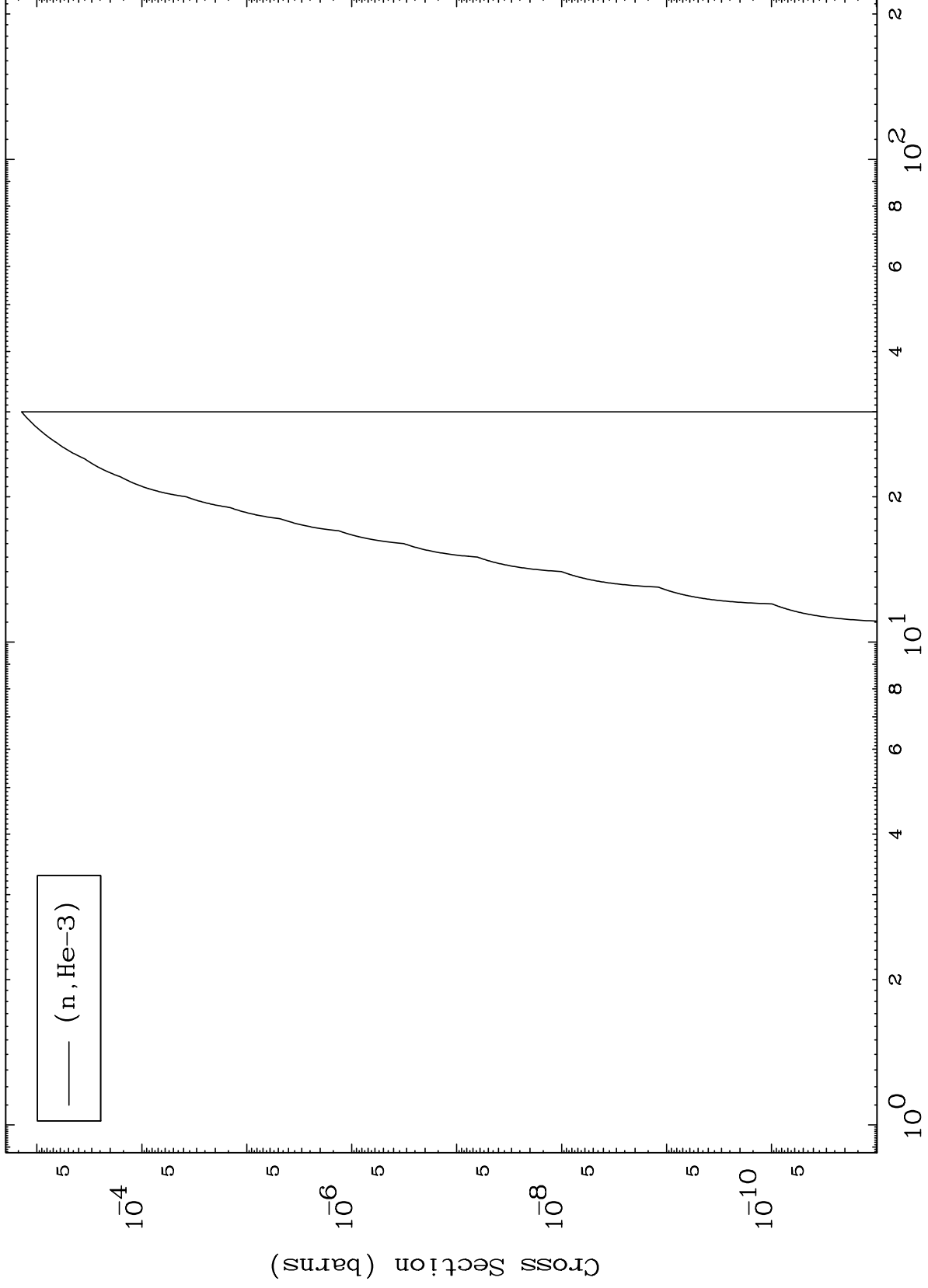
68-Er-162

MAT 6825

(d,He3) Levels

68-Er-162

0 Kelvin Cross Sections



11

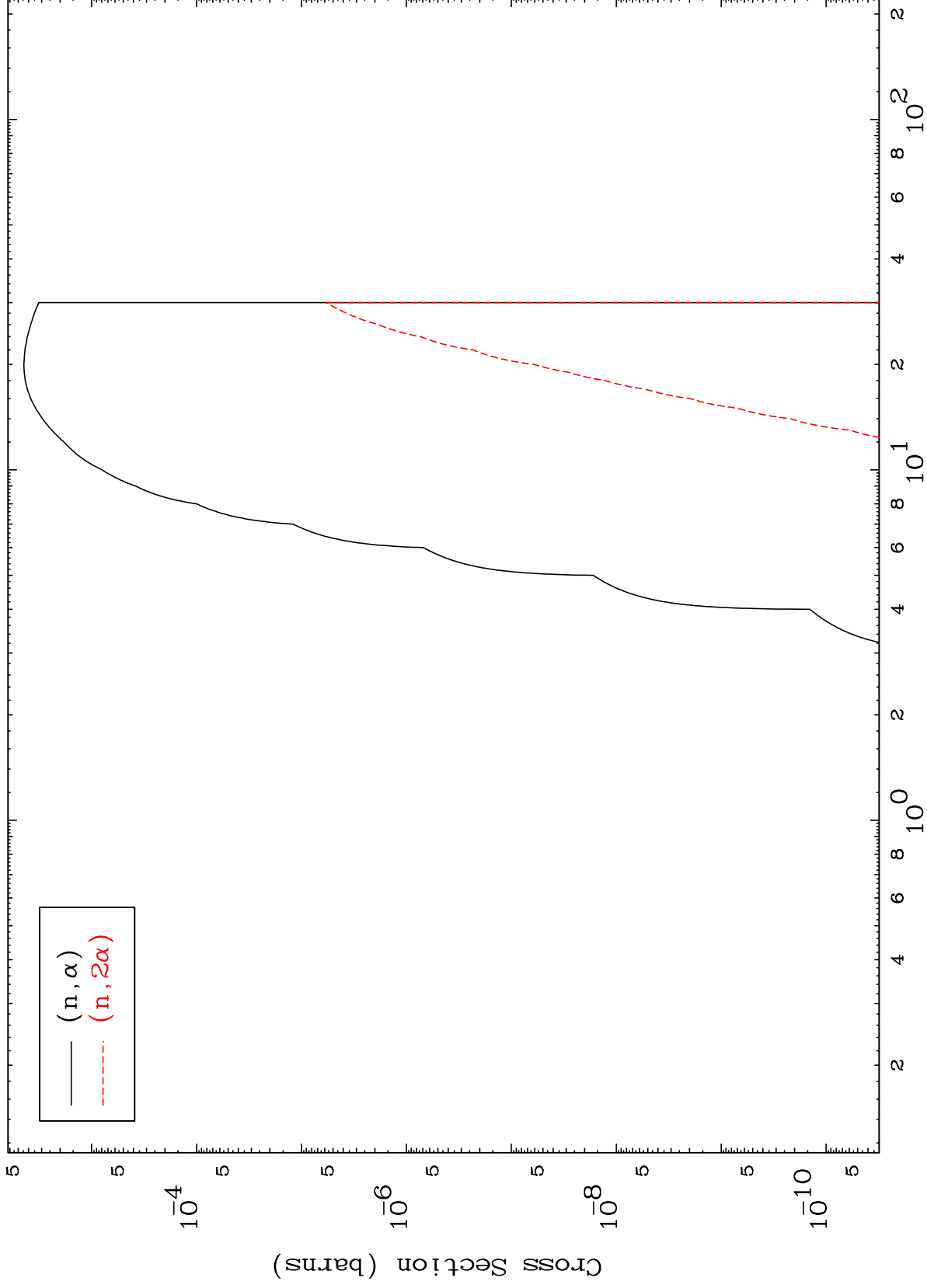
Incident Energy (MeV)

68-Er-162

MAT 6825

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

68-Er-162



12

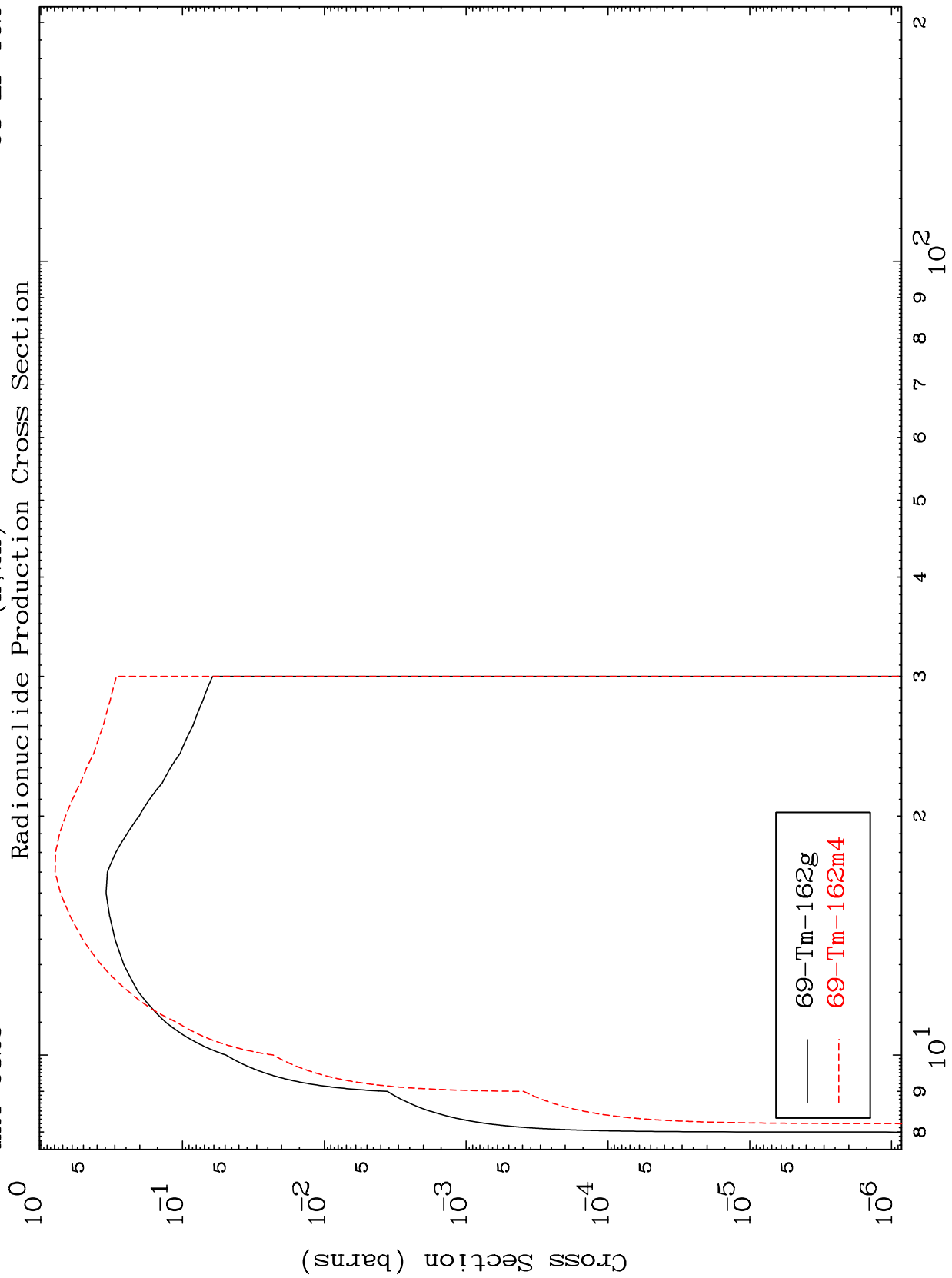
Incident Energy (MeV)

68-Er-162

MAT 6825

68-Er-162

(n,2n)  
Radionuclide Production Cross Section



68-Er-162

Incident Energy (MeV)

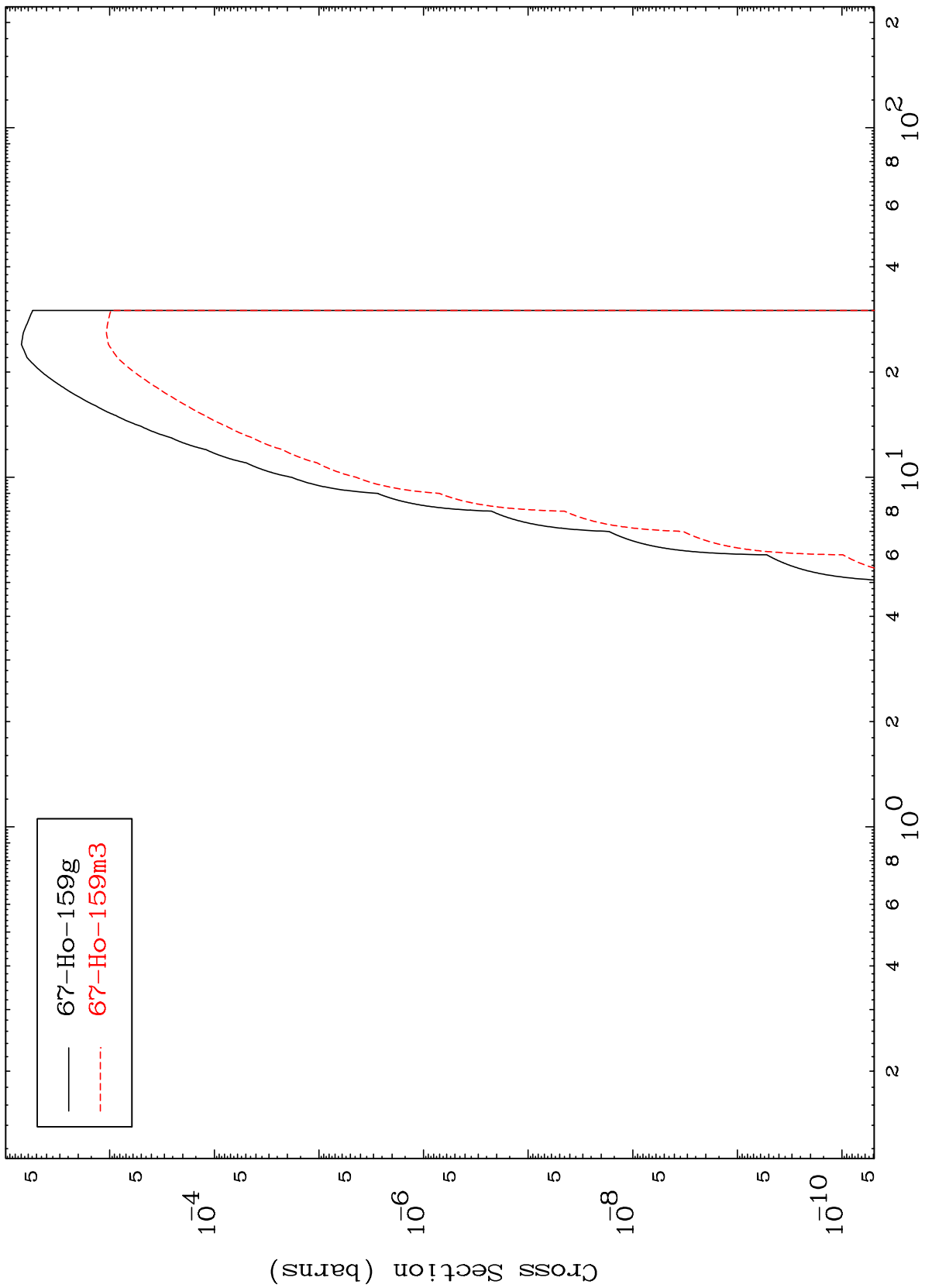
13

MAT 6825

$(n, n') \alpha$

68-Er-162

Radionuclide Production Cross Section



14

Incident Energy (MeV)

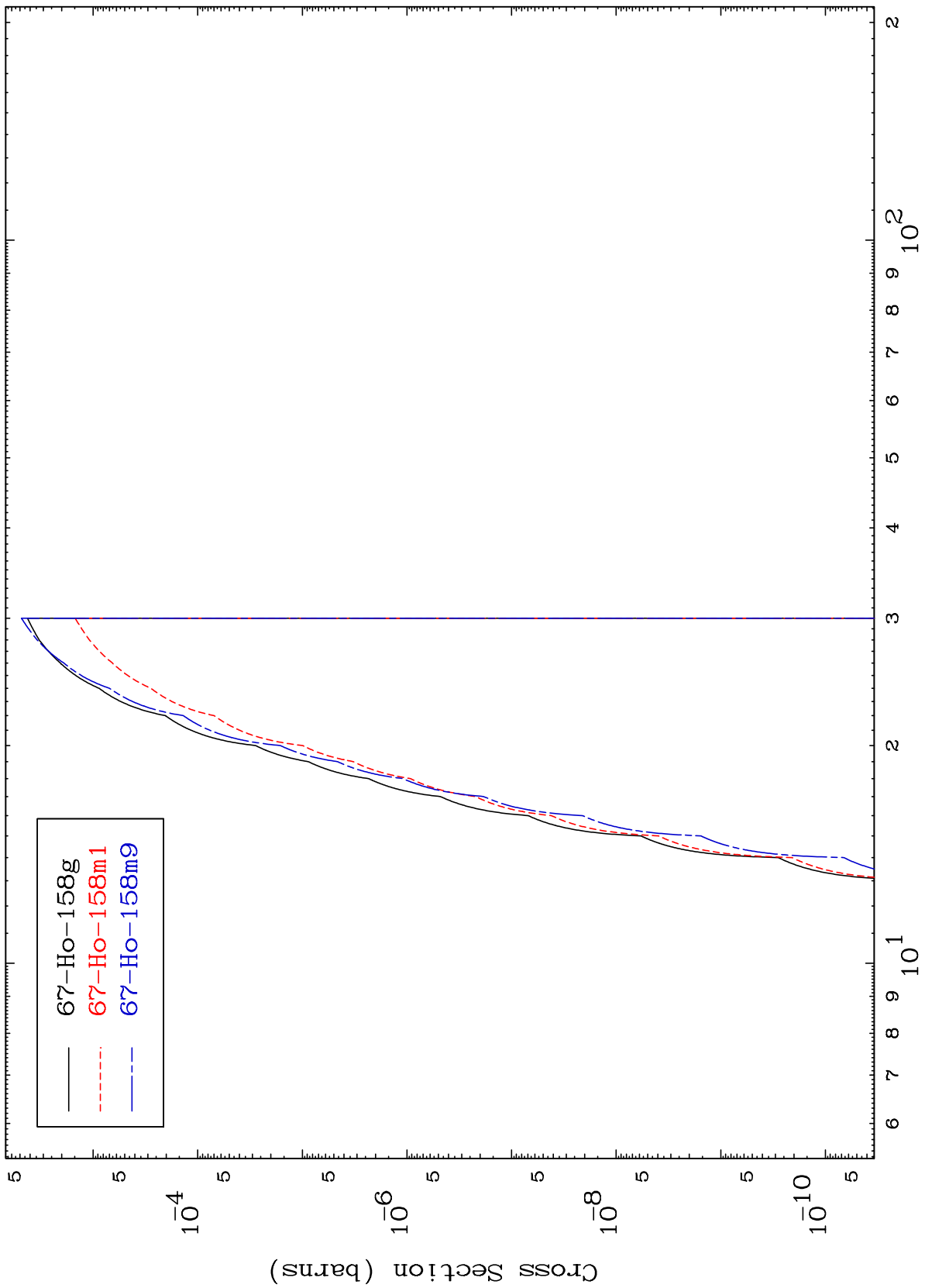
68-Er-162

MAT 6825

$(n,2n) \alpha$

68-Er-162

Radionuclide Production Cross Section



15

Incident Energy (MeV)

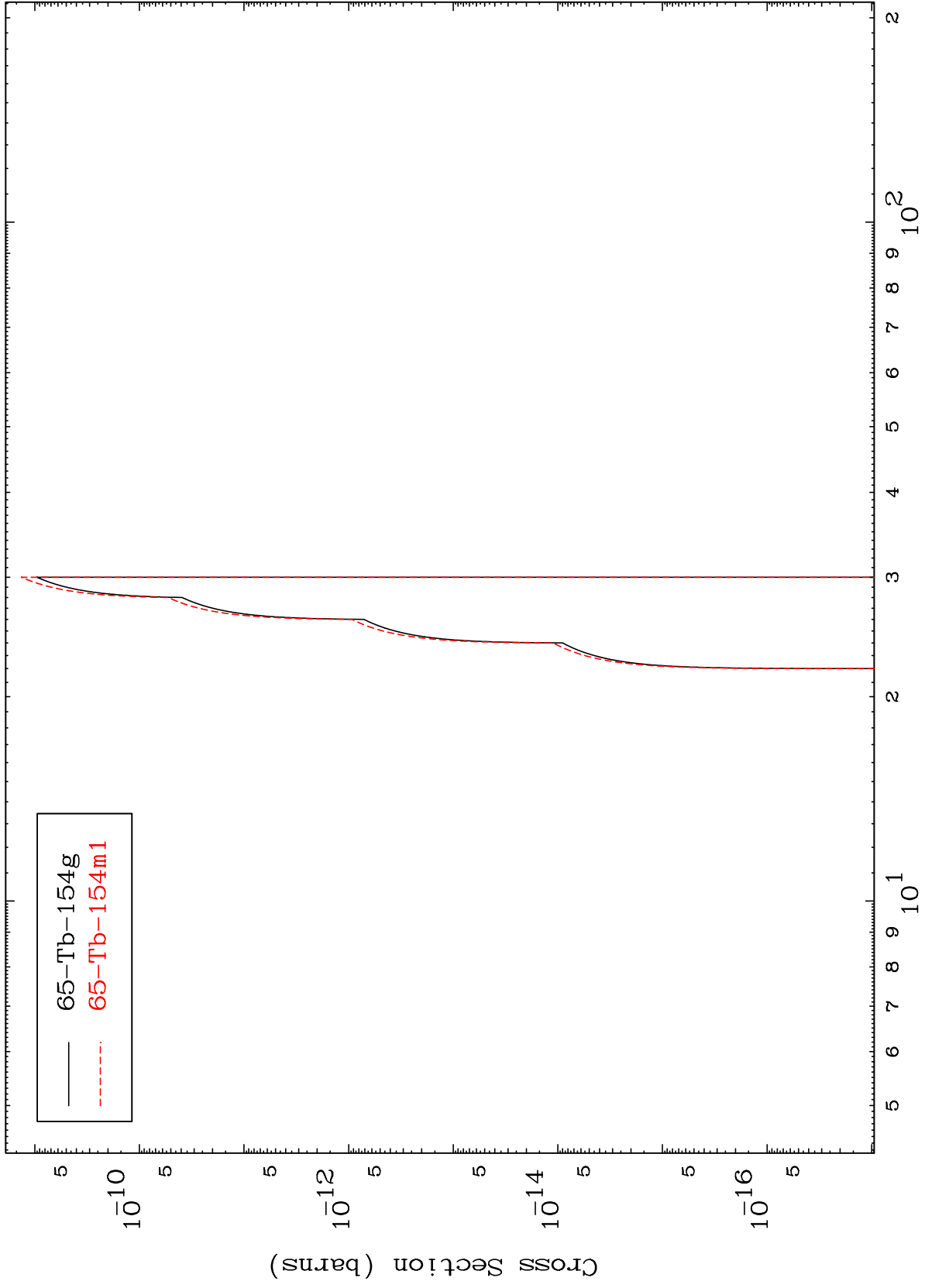
68-Er-162

MAT 6825

$(n,2n) 2\alpha$

68-Er-162

Radionuclide Production Cross Section



16

Incident Energy (MeV)

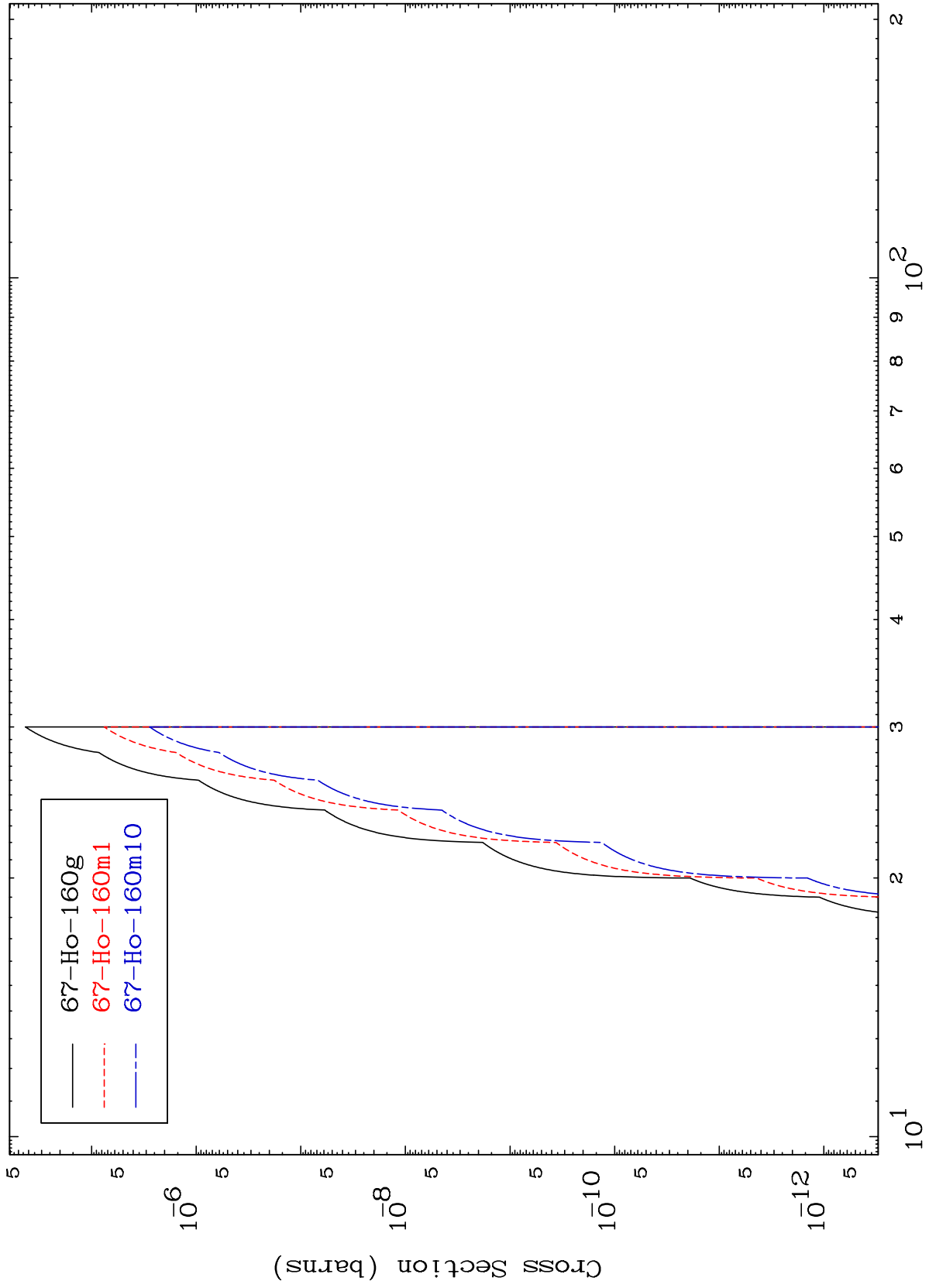
68-Er-162

MAT 6825

(n,n') He-3

68-Er-162

Radionuclide Production Cross Section



Incident Energy (MeV)

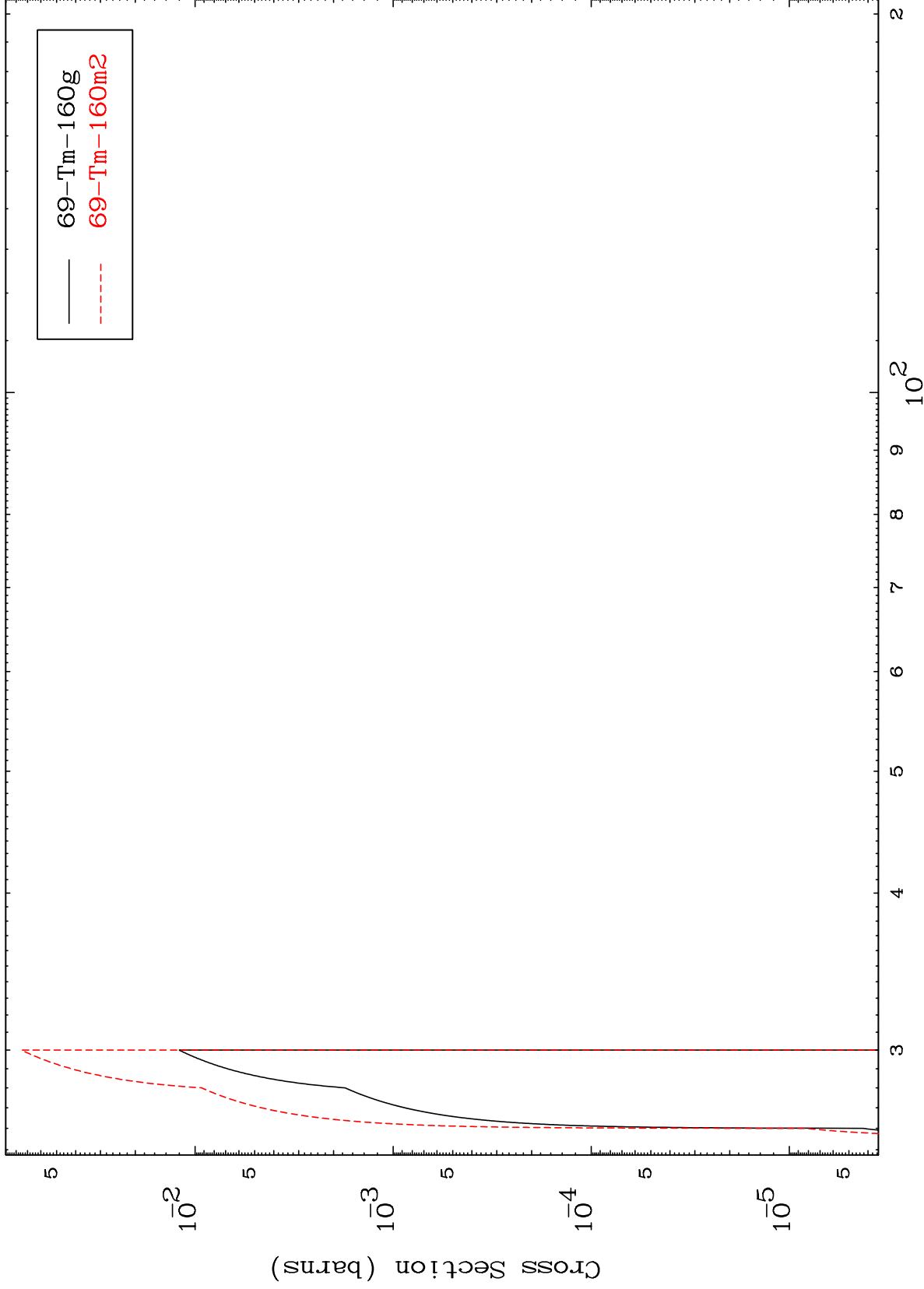
68-Er-162

MAT 6825

(n,4n)

68-Er-162

Radionuclide Production Cross Section



18

Incident Energy (MeV)

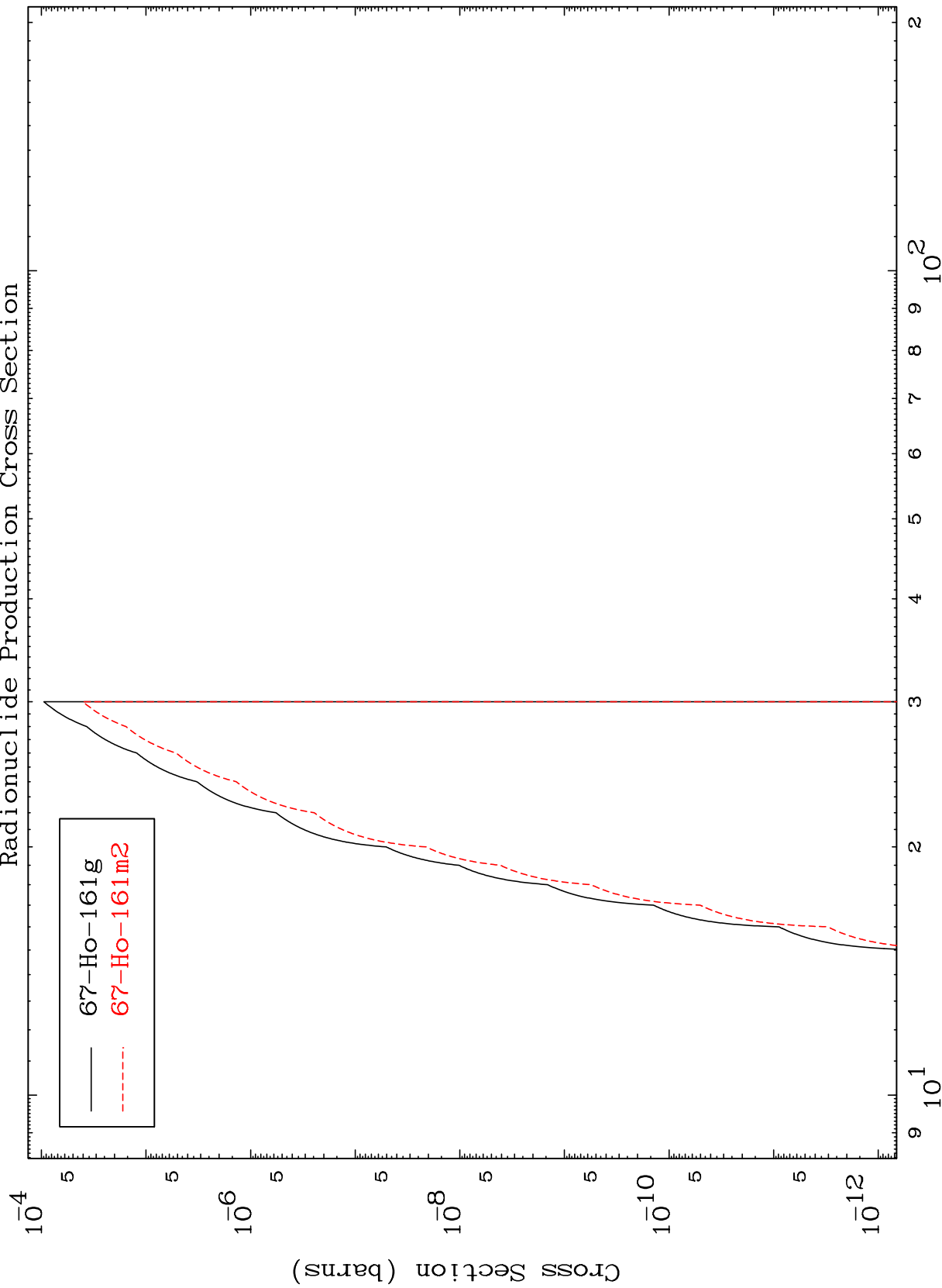
68-Er-162

MAT 6825

(n,2n) p

68-Er-162

Radionuclide Production Cross Section



67-Ho-161g  
67-Ho-161m2

19

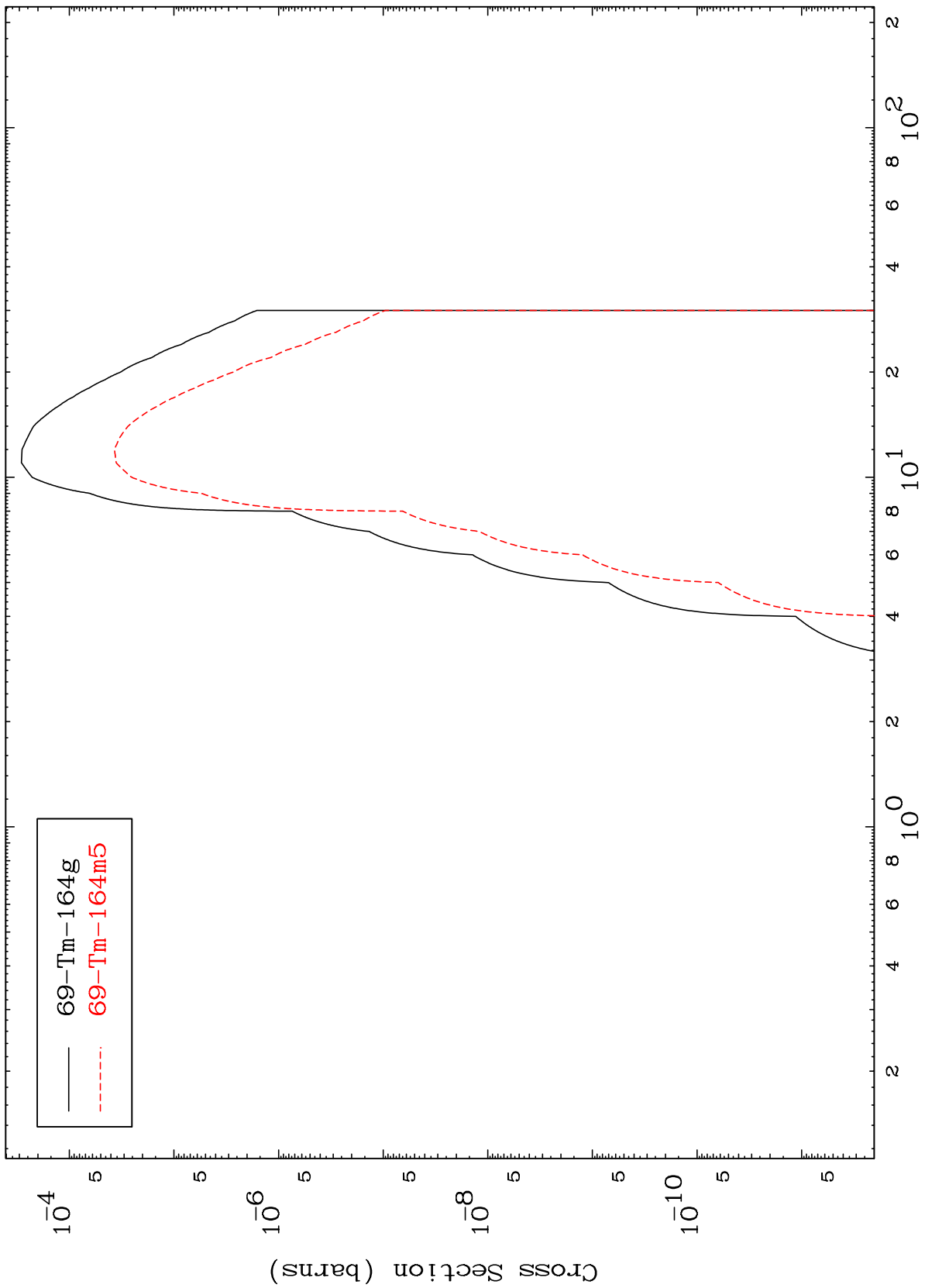
Incident Energy (MeV)

68-Er-162

MAT 6825

68-Er-162

(n,  $\gamma$ )  
Radionuclide Production Cross Section



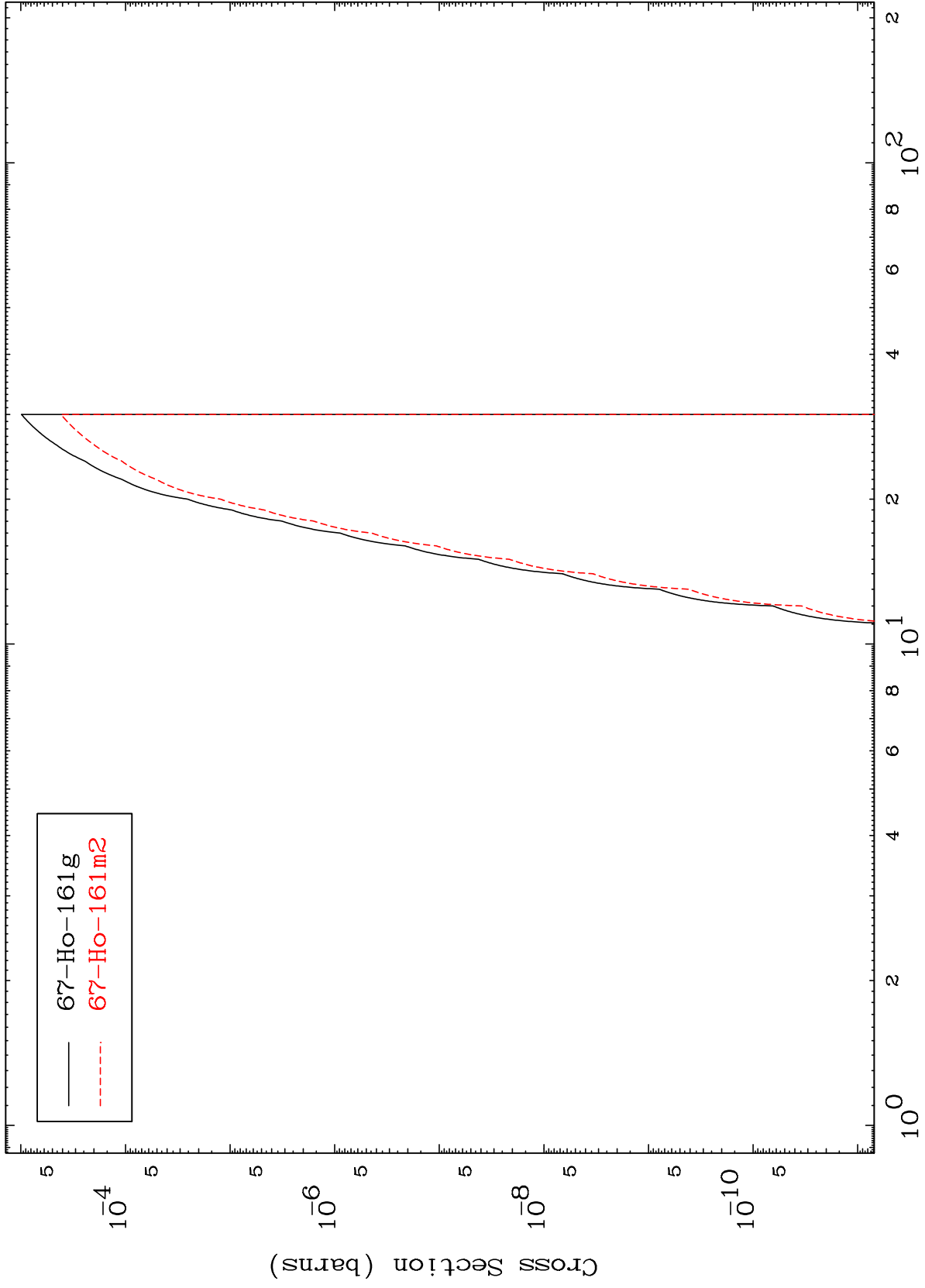
— 69-Tm-164g  
- - - 69-Tm-164m5

MAT 6825

(n,He-3)

68-Er-162

Radionuclide Production Cross Section



—  $^{67}\text{Ho-161g}$   
- - -  $^{67}\text{Ho-161m2}$

21

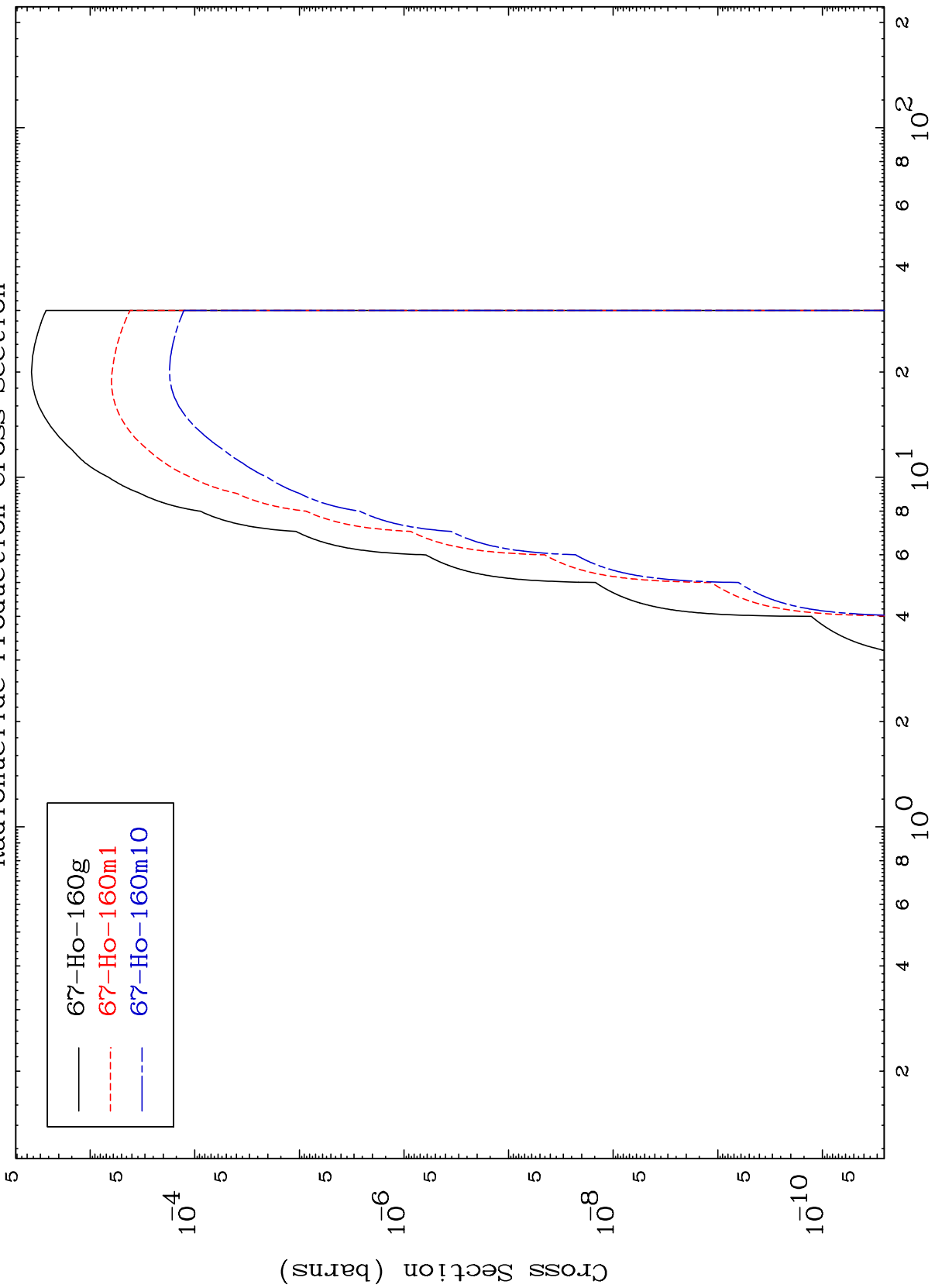
Incident Energy (MeV)

68-Er-162

MAT 6825

68-Er-162

Radionuclide Production Cross Section  
(n,  $\alpha$ )

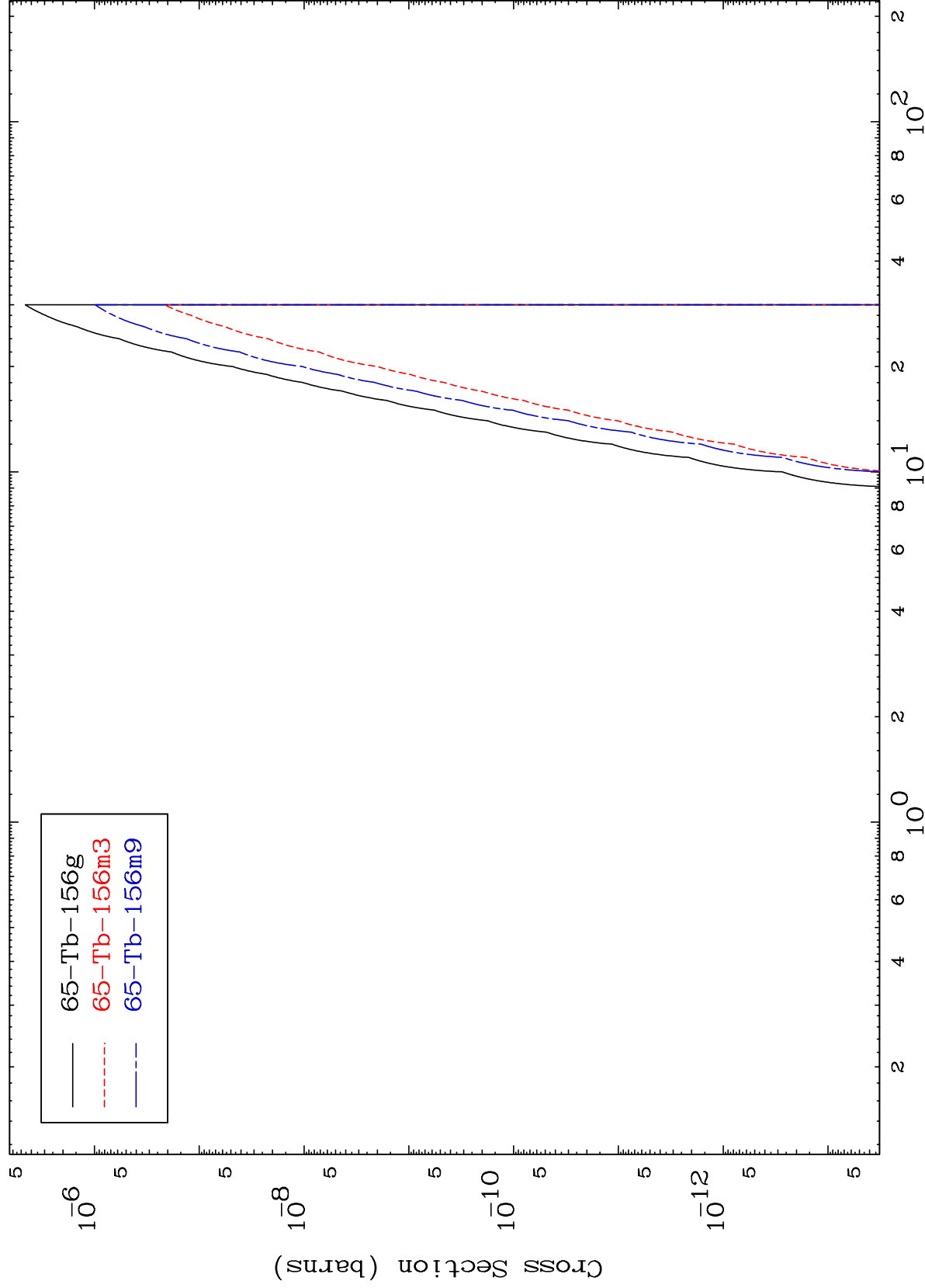


MAT 6825

(n,2α)

68-Er-162

Radionuclide Production Cross Section



23

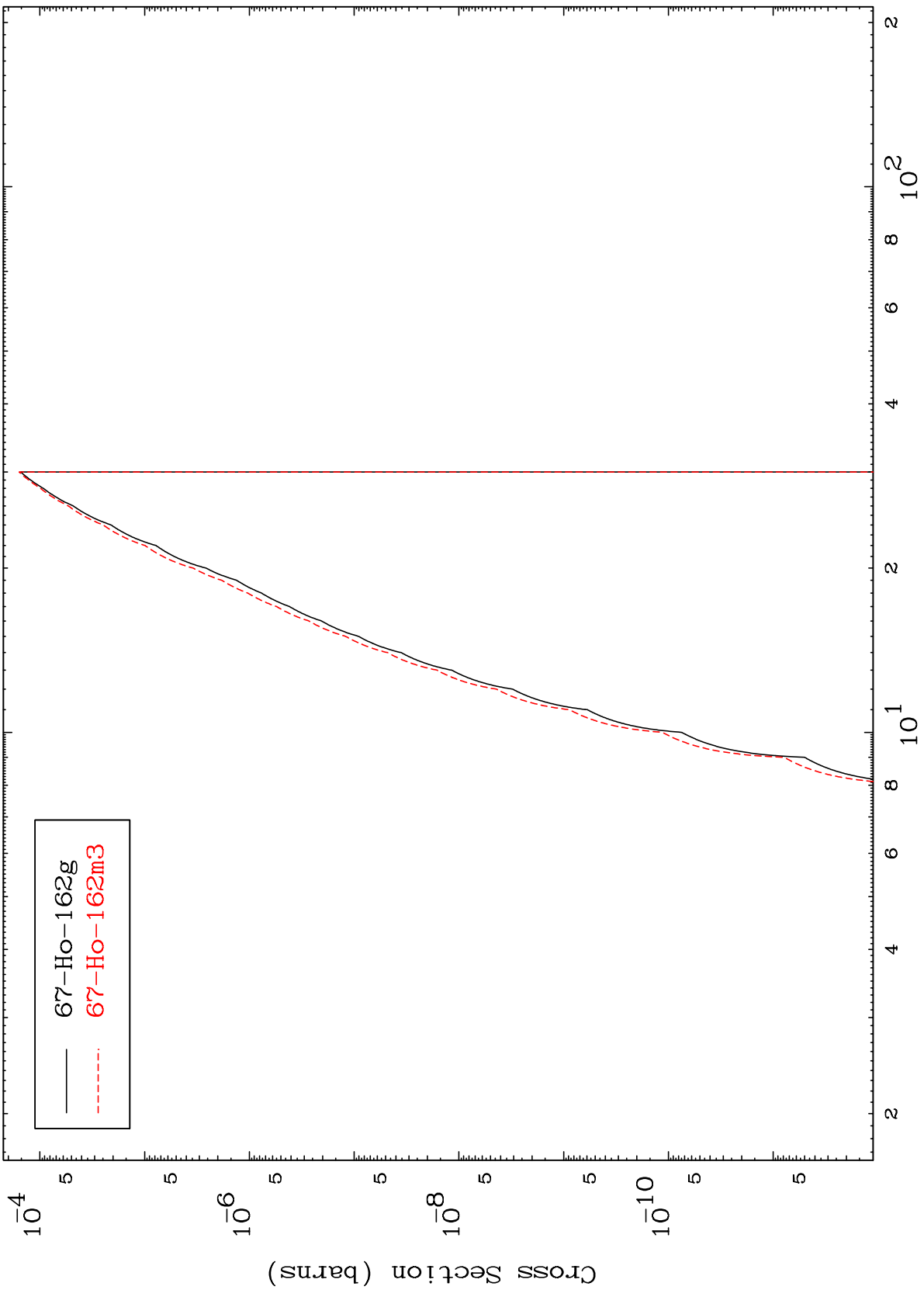
Incident Energy (MeV)

68-Er-162

MAT 6825

68-Er-162

(n,2p)  
Radionuclide Production Cross Section



68-Er-162

Incident Energy (MeV)

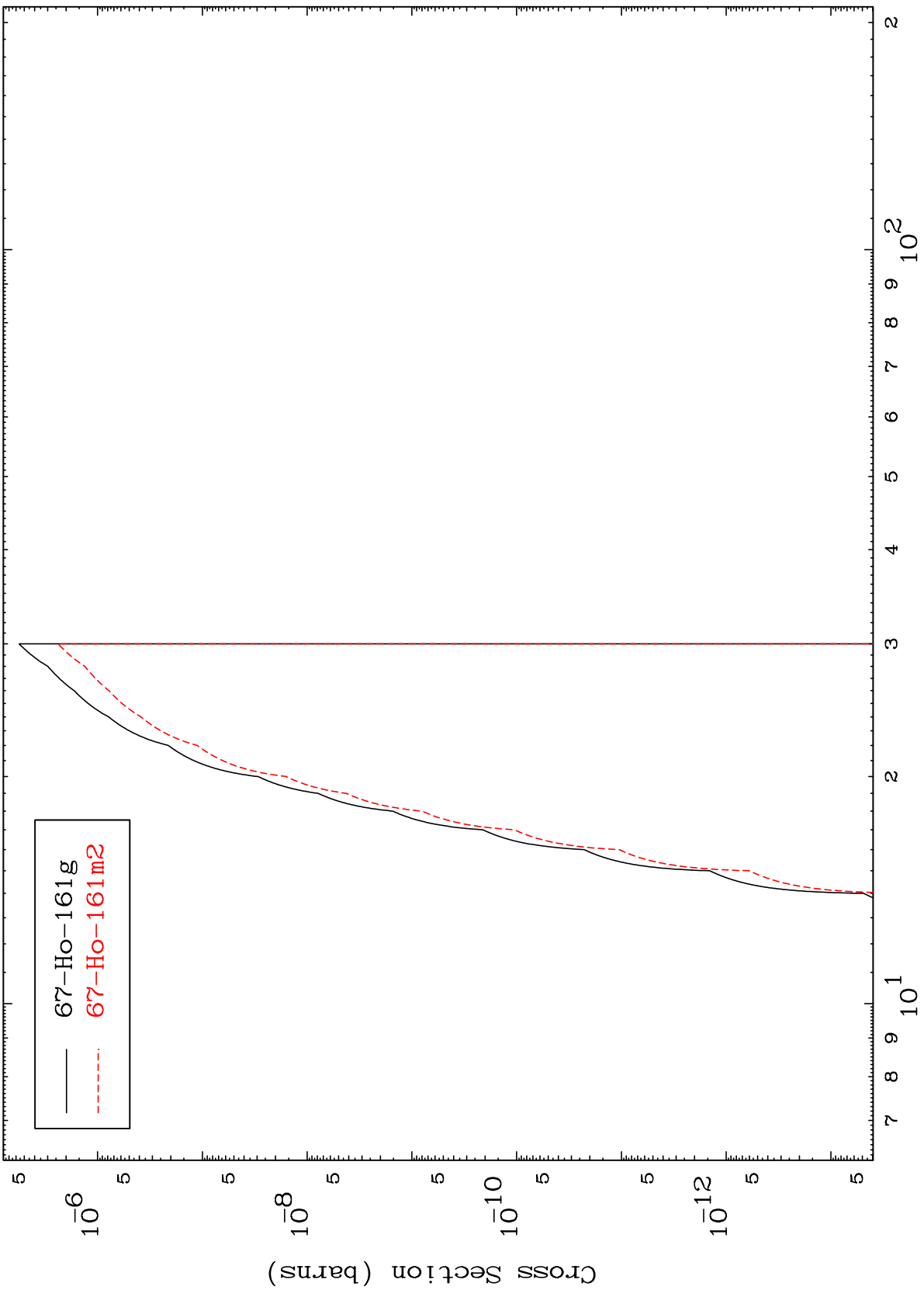
24

MAT 6825

(n,p) d

68-Er-162

Radionuclide Production Cross Section



25

Incident Energy (MeV)

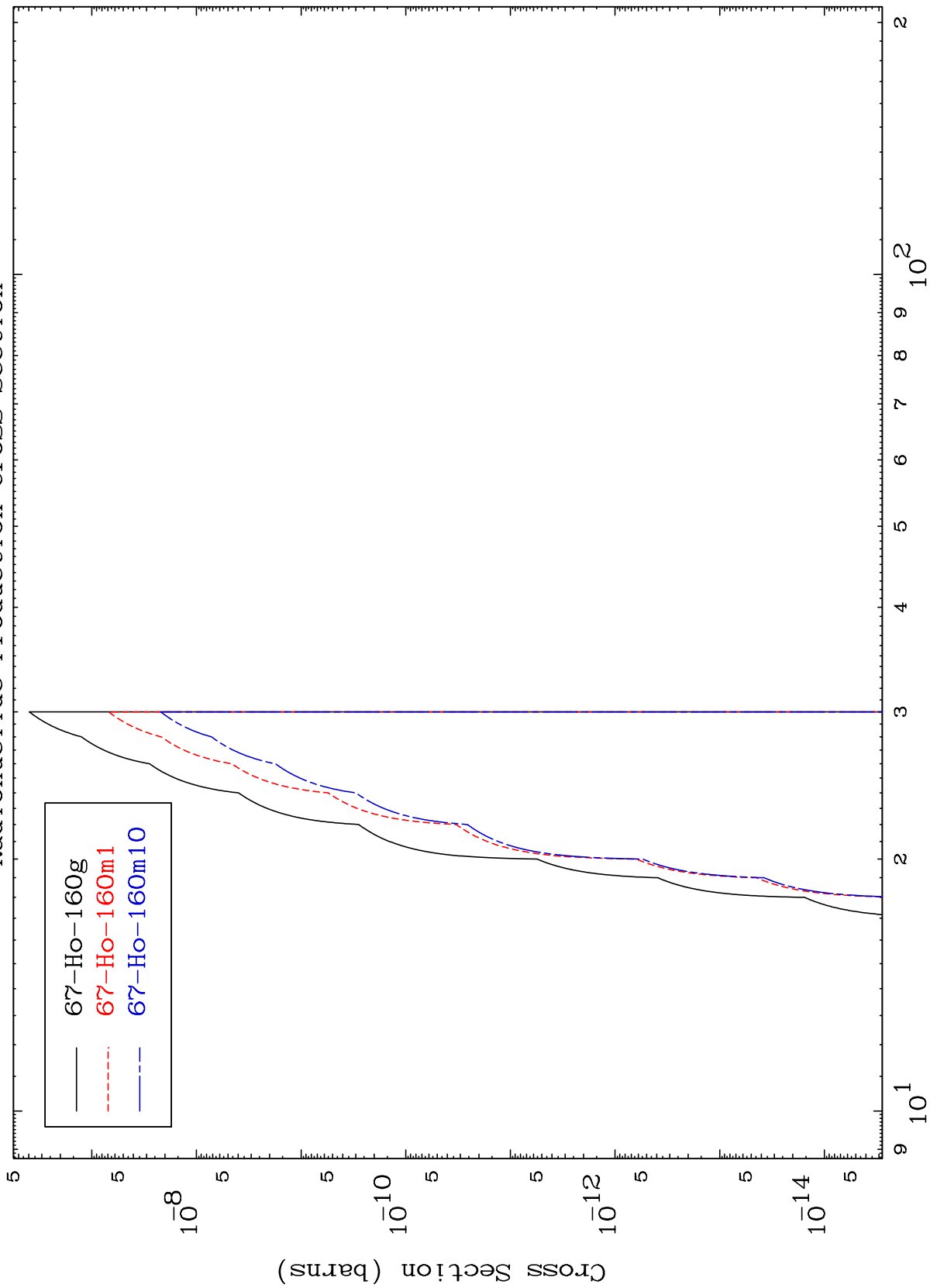
68-Er-162

MAT 6825

(n,p) t

68-Er-162

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-162

26