

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

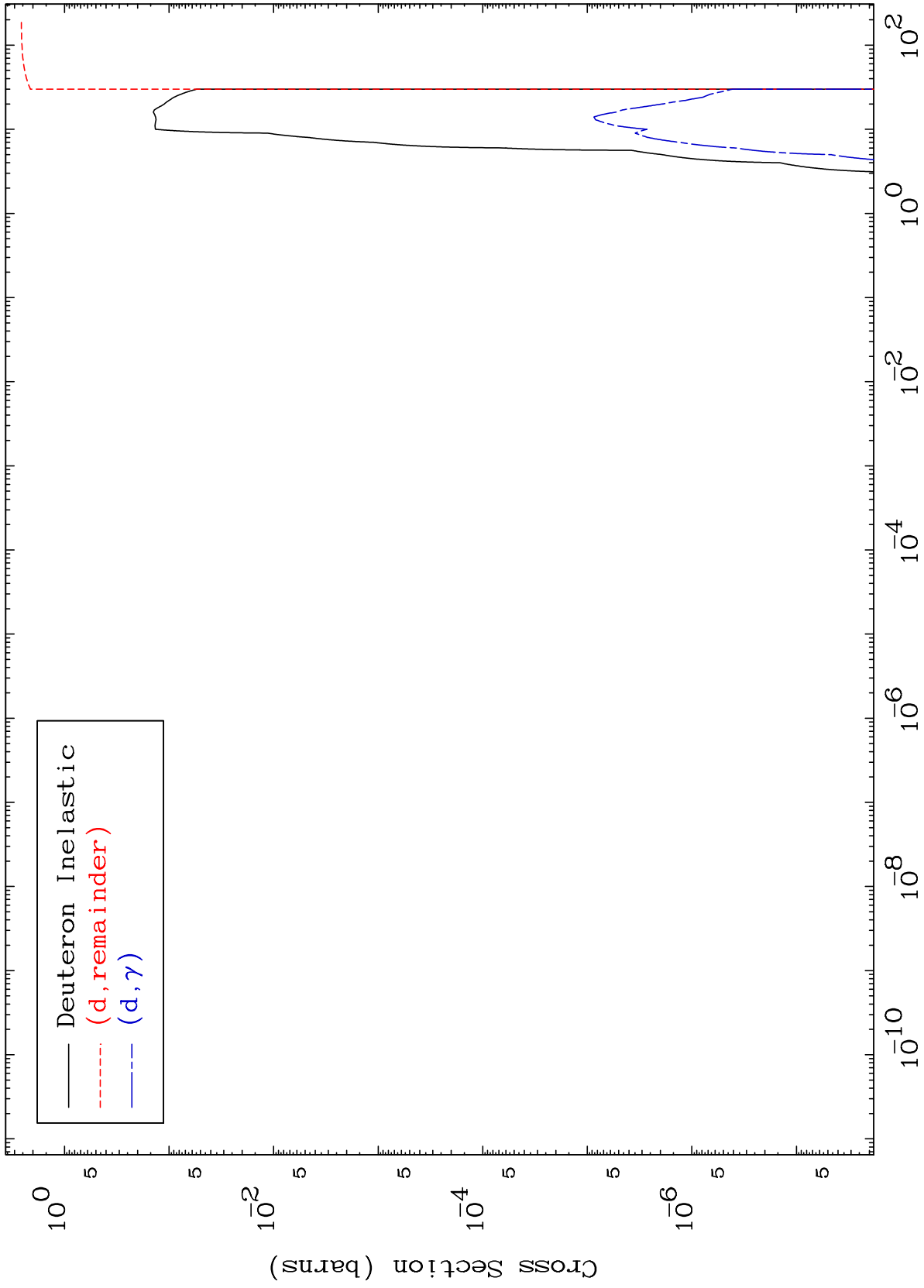
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Web:redcullen1.net/HOMEPAGE.NEW

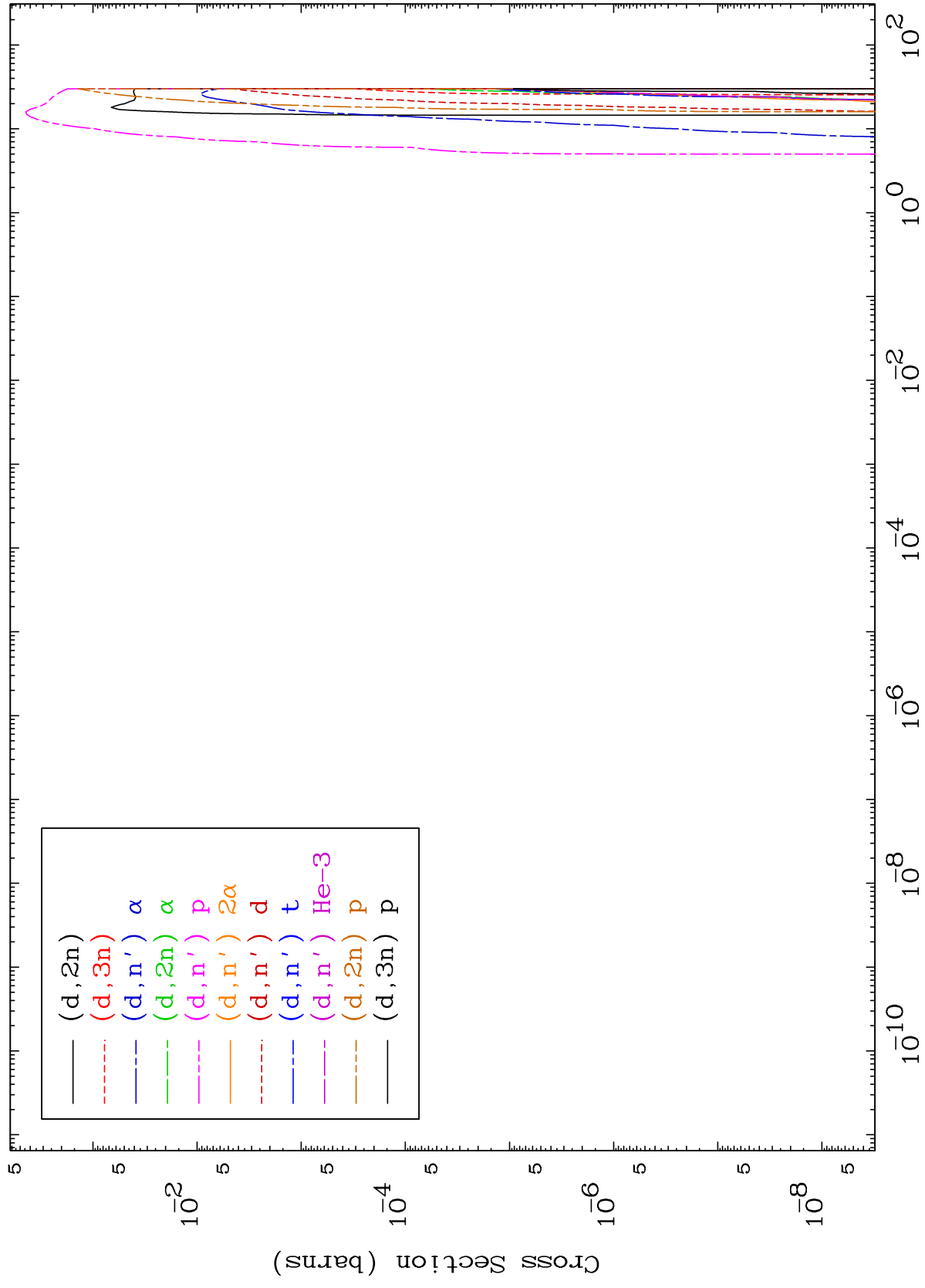
Press Mouse Button to Start



MAT 6789

Deuteron Neutron Production  
0 Kelvin Cross Sections

68-Er-150



2

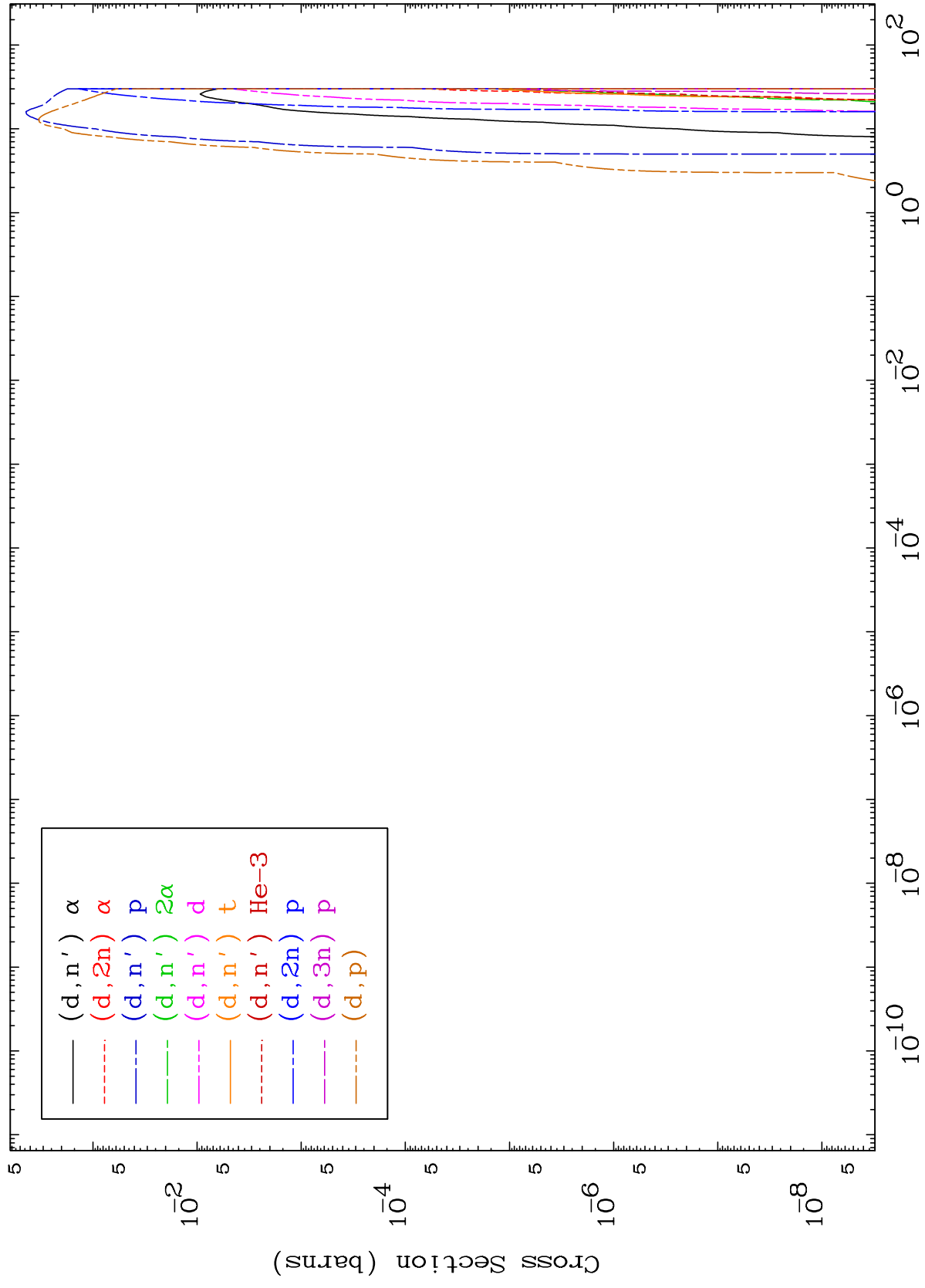
Incident Energy (MeV)

68-Er-150

MAT 6789

Deuteron Charged Particle  
0 Kelvin Cross Sections

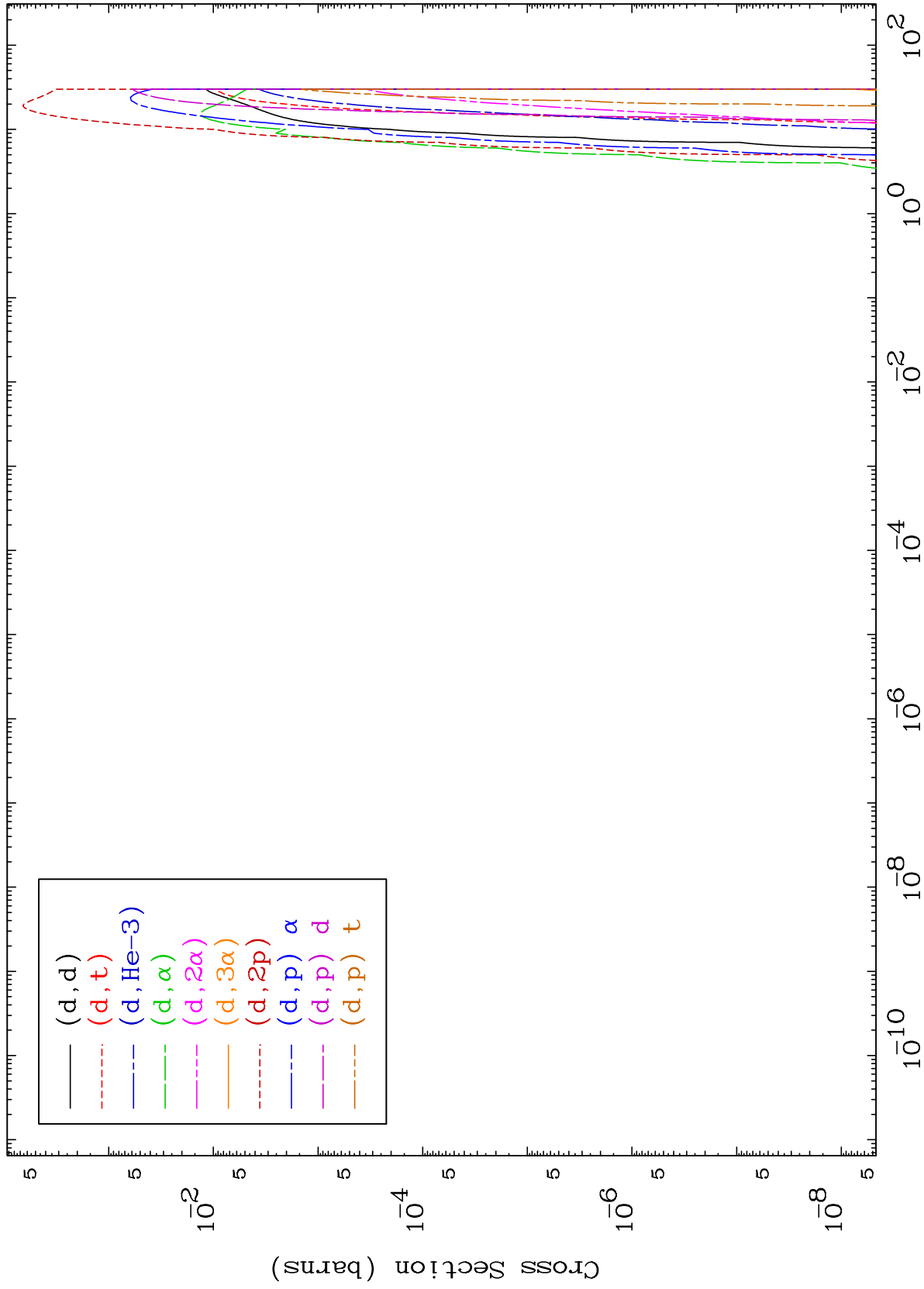
68-Er-150



MAT 6789

Deuteron Charged Particle  
0 Kelvin Cross Sections

68-Er-150

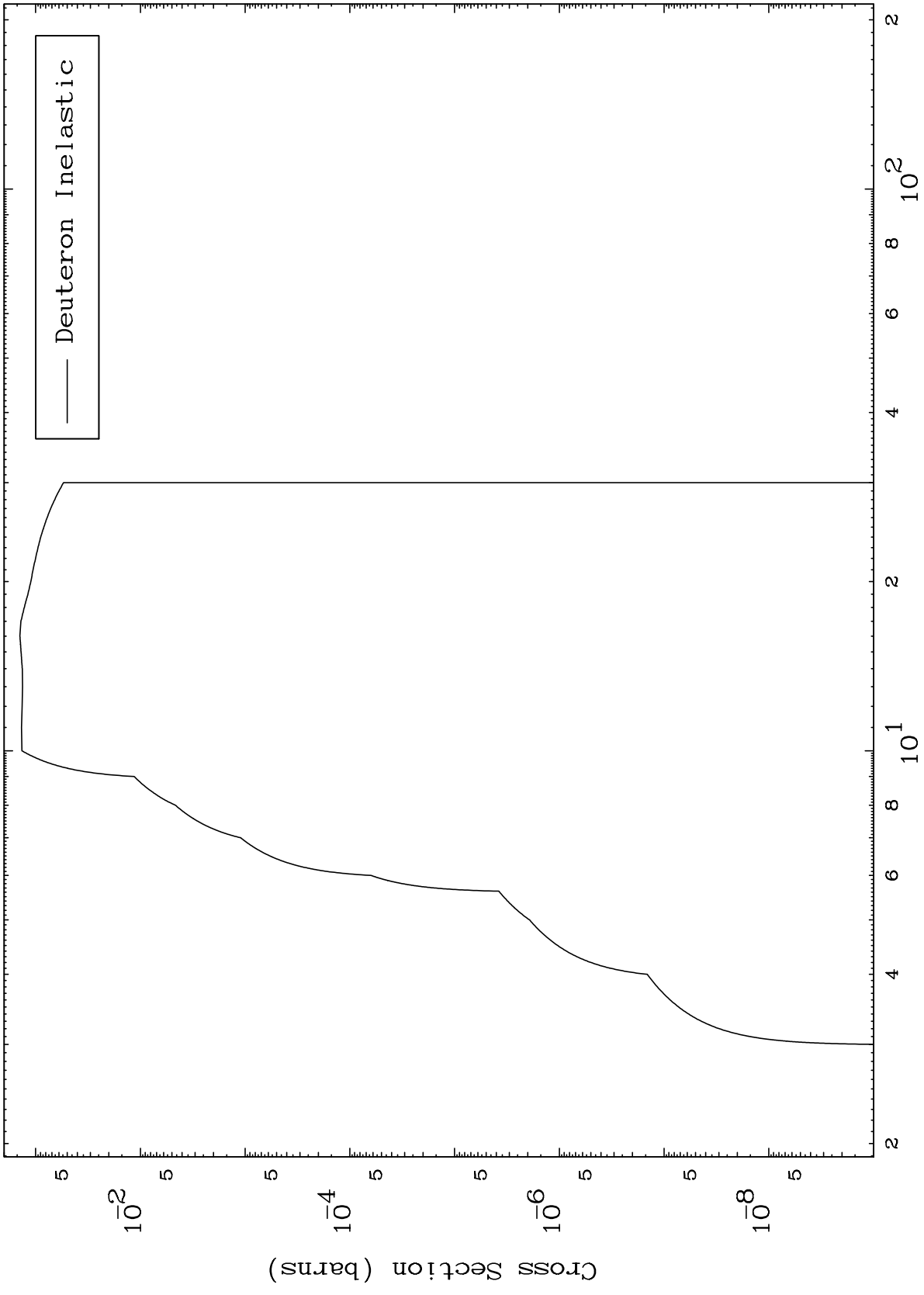


68-Er-150

MAT 6789

(d,n') Level  
0 Kelvin Cross Sections

68-Er-150



5

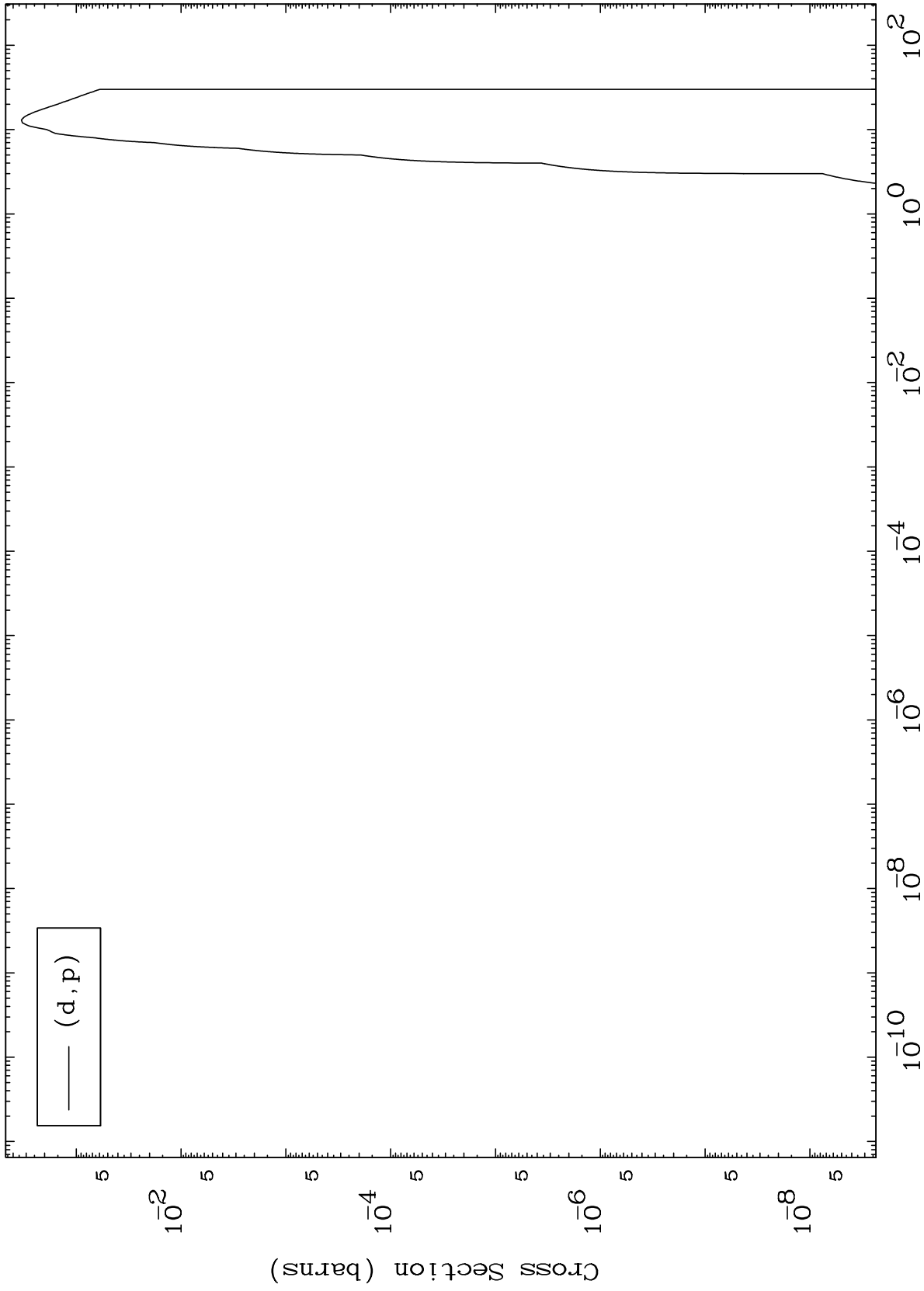
Incident Energy (MeV)

68-Er-150

MAT 6789

(d,p) Levels  
0 Kelvin Cross Sections

68-Er-150



6

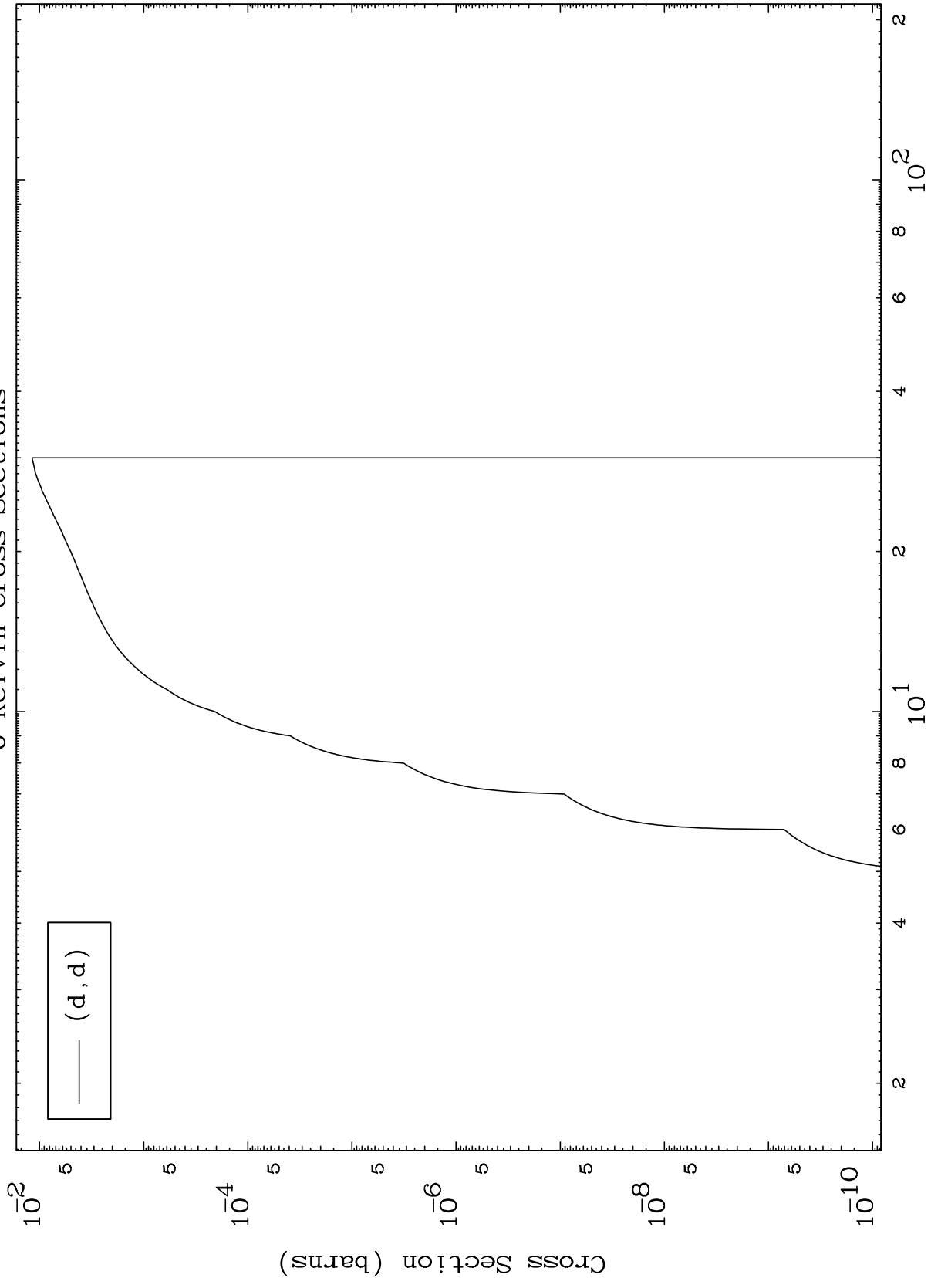
Incident Energy (MeV)

68-Er-150

MAT 6789

(d,d) Levels  
0 Kelvin Cross Sections

68-Er-150



7

Incident Energy (MeV)

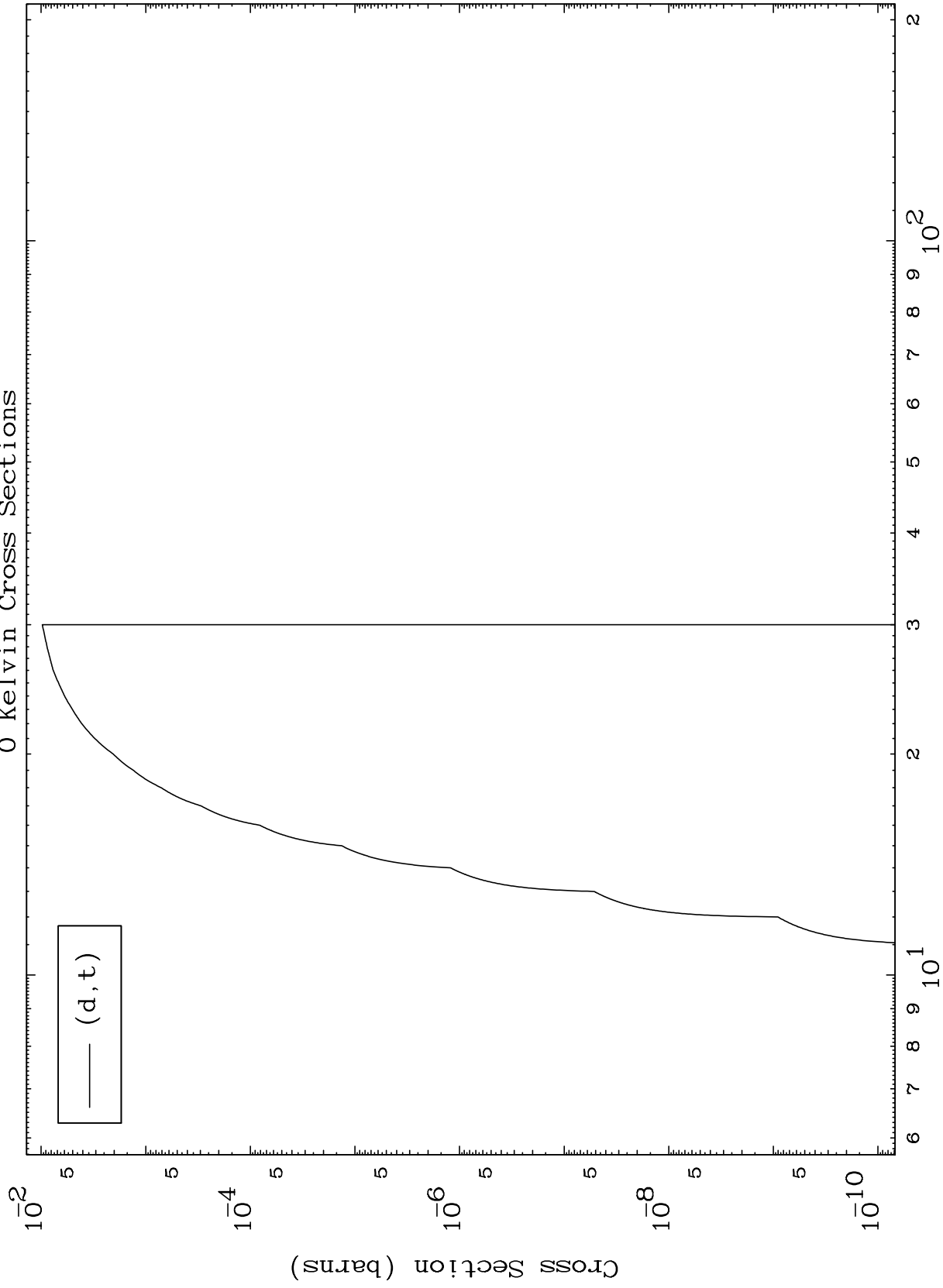
68-Er-150



MAT 6789

(d,t) Levels  
0 Kelvin Cross Sections

68-Er-150



8

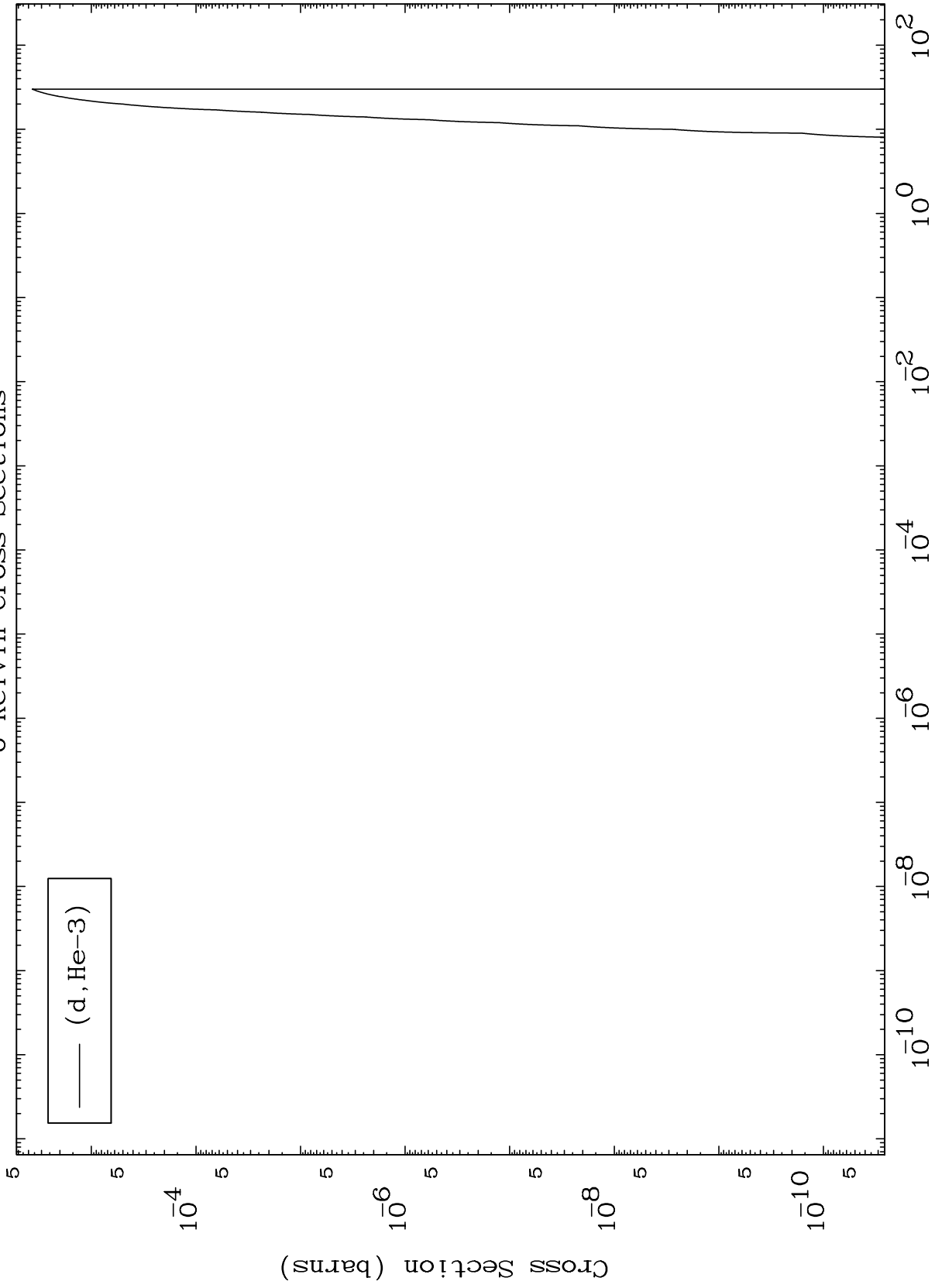
Incident Energy (MeV)

68-Er-150

MAT 6789

(d,He3) Levels  
0 Kelvin Cross Sections

68-Er-150



9

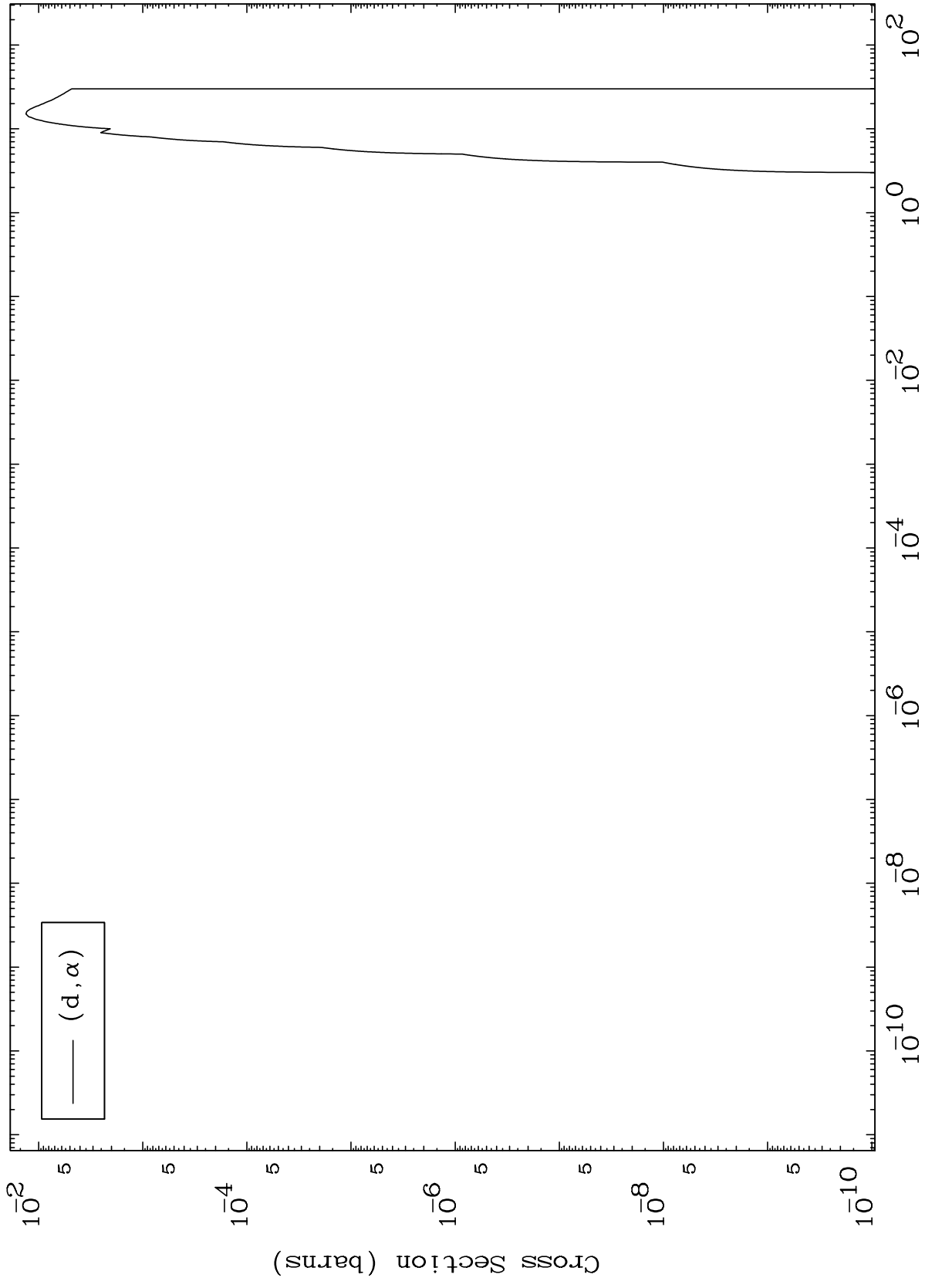
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



10

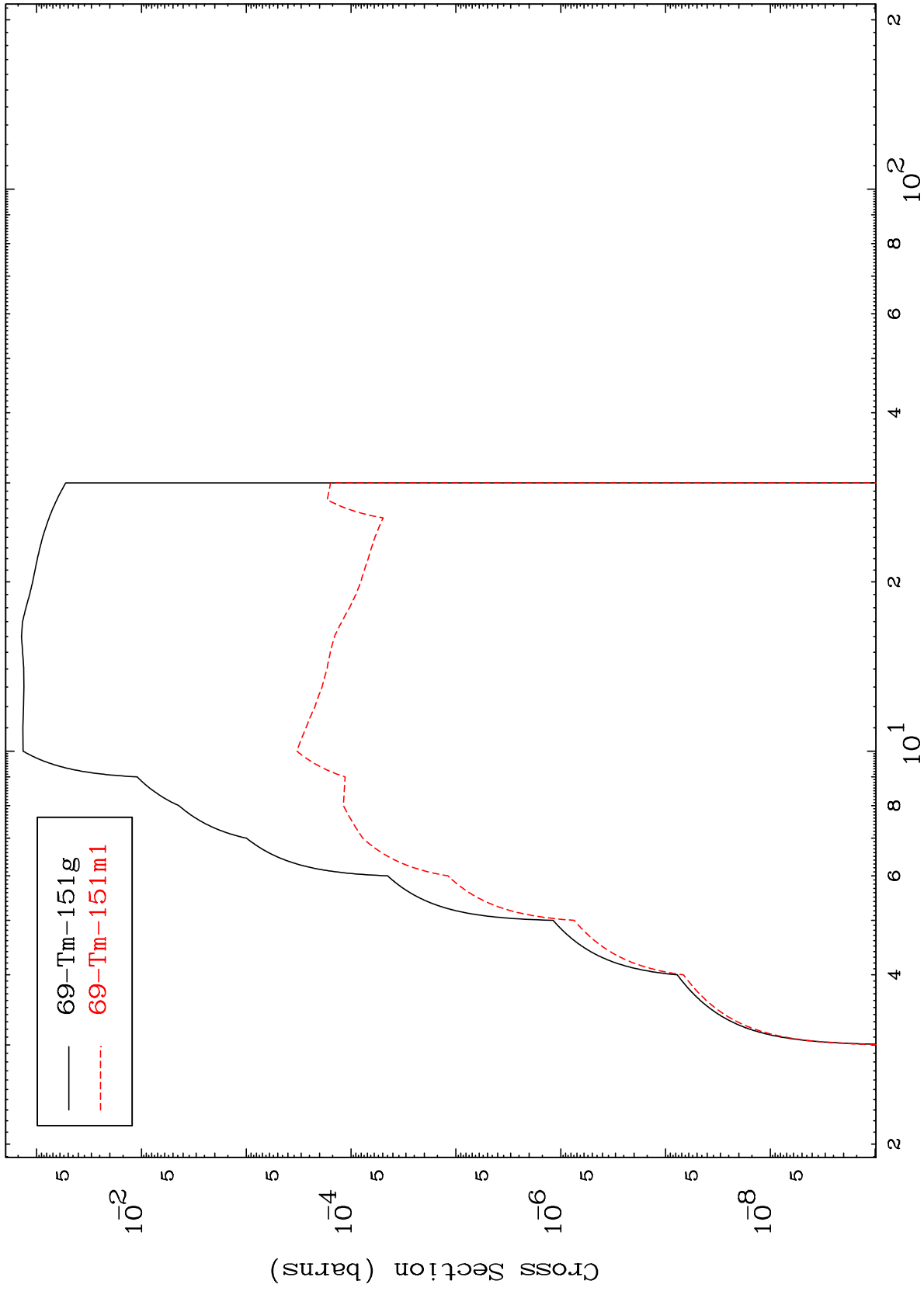
Incident Energy (MeV)

68-Er-150

MAT 6789

Deuteron Inelastic  
Radionuclide Production Cross Section

68-Er-150



11

Incident Energy (MeV)

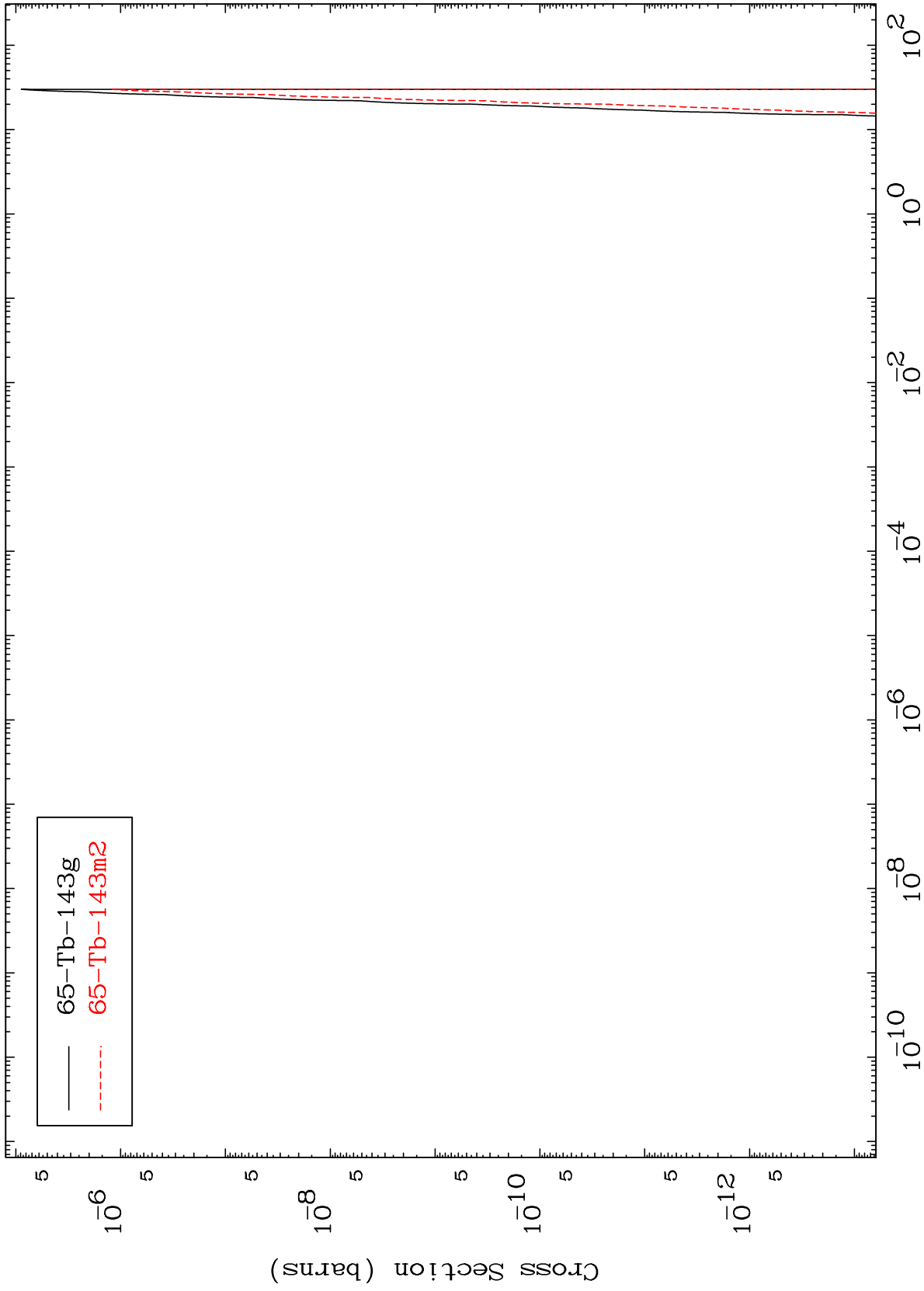
68-Er-150

MAT 6789

(d,n') 2 $\alpha$

68-Er-150

Radionuclide Production Cross Section



12

Incident Energy (MeV)

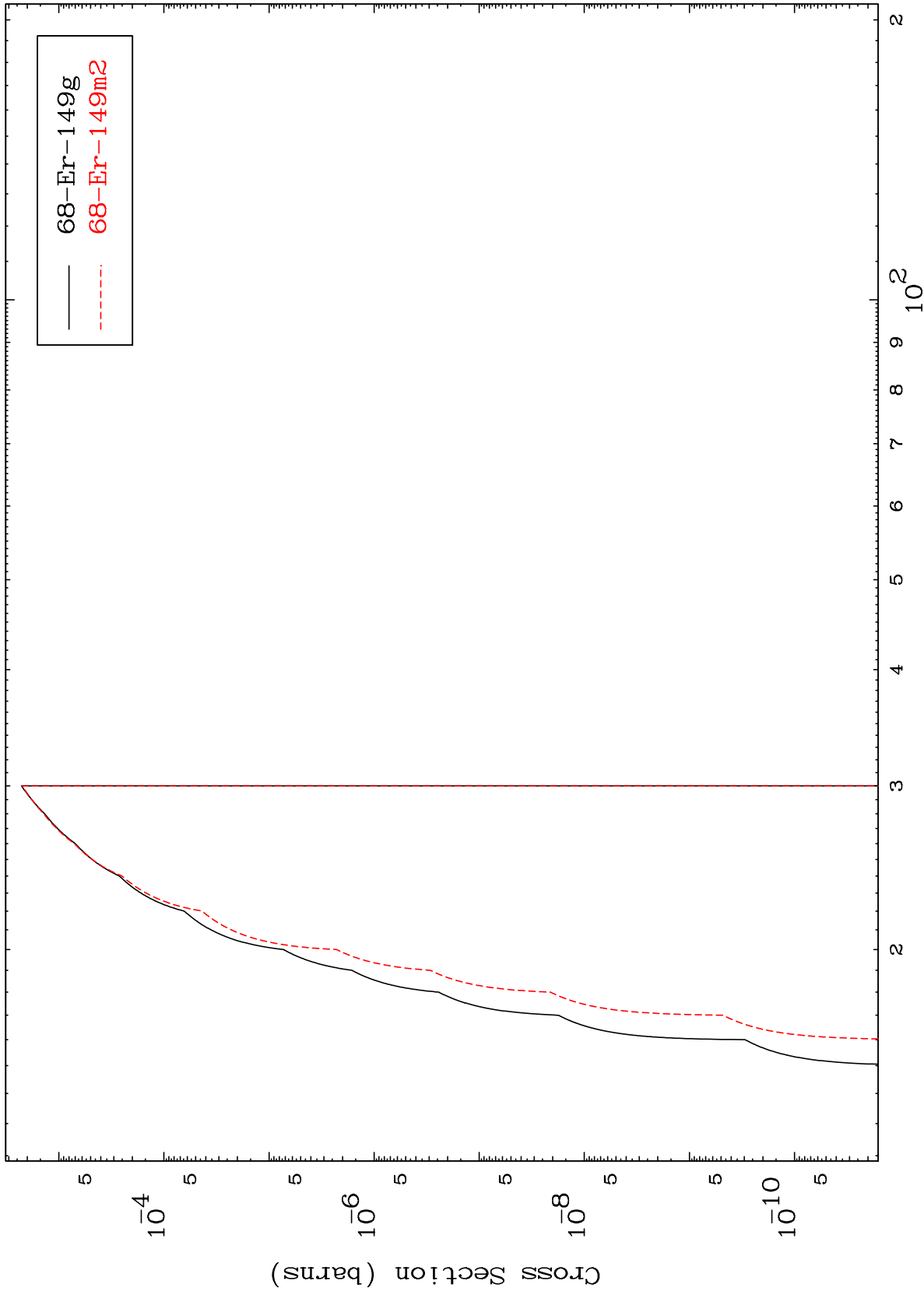
68-Er-150

MAT 6789

(d,n') d

68-Er-150

Radionuclide Production Cross Section



13

Incident Energy (MeV)

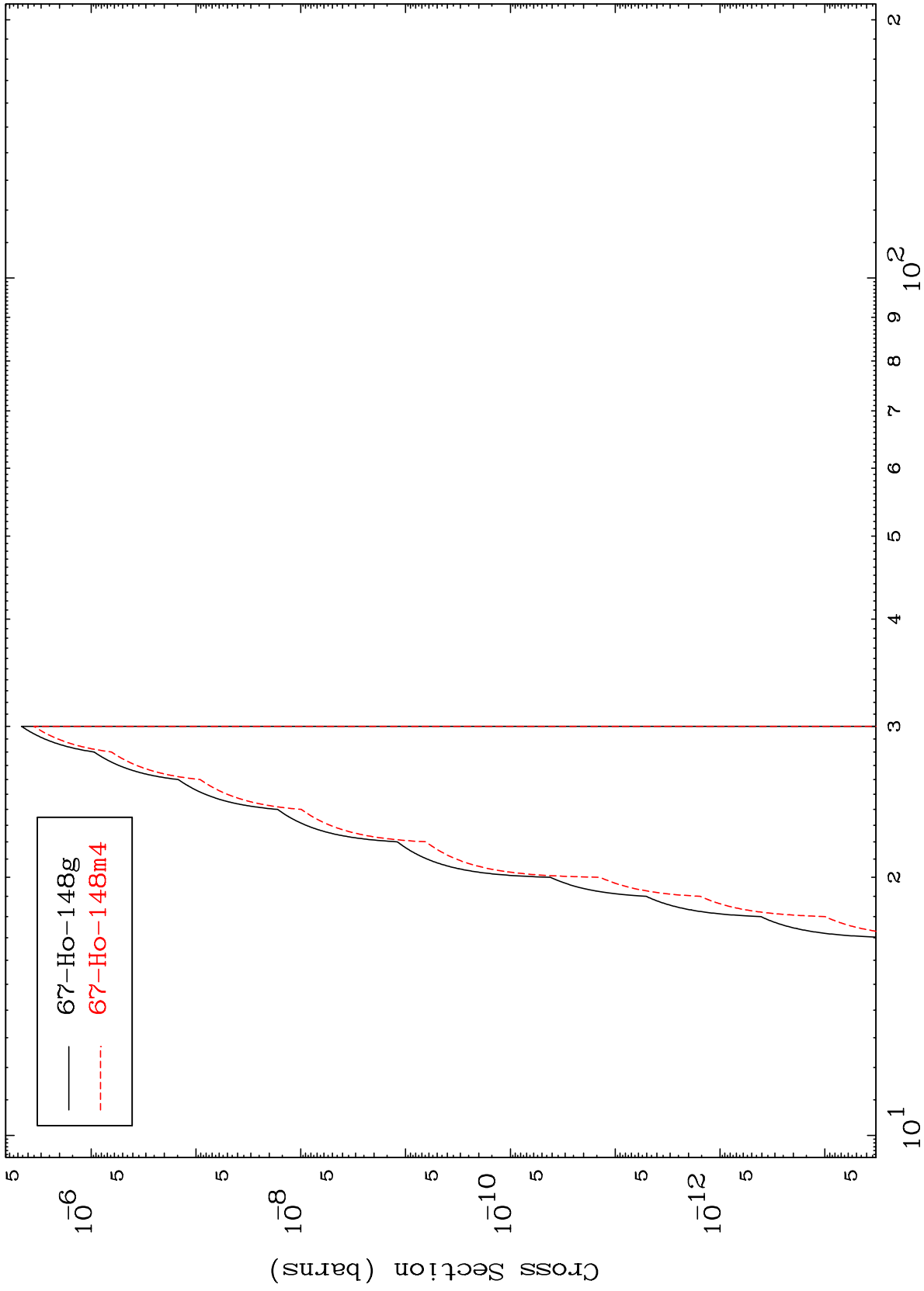
68-Er-150

MAT 6789

(d, n') He-3

68-Er-150

Radionuclide Production Cross Section



14

Incident Energy (MeV)

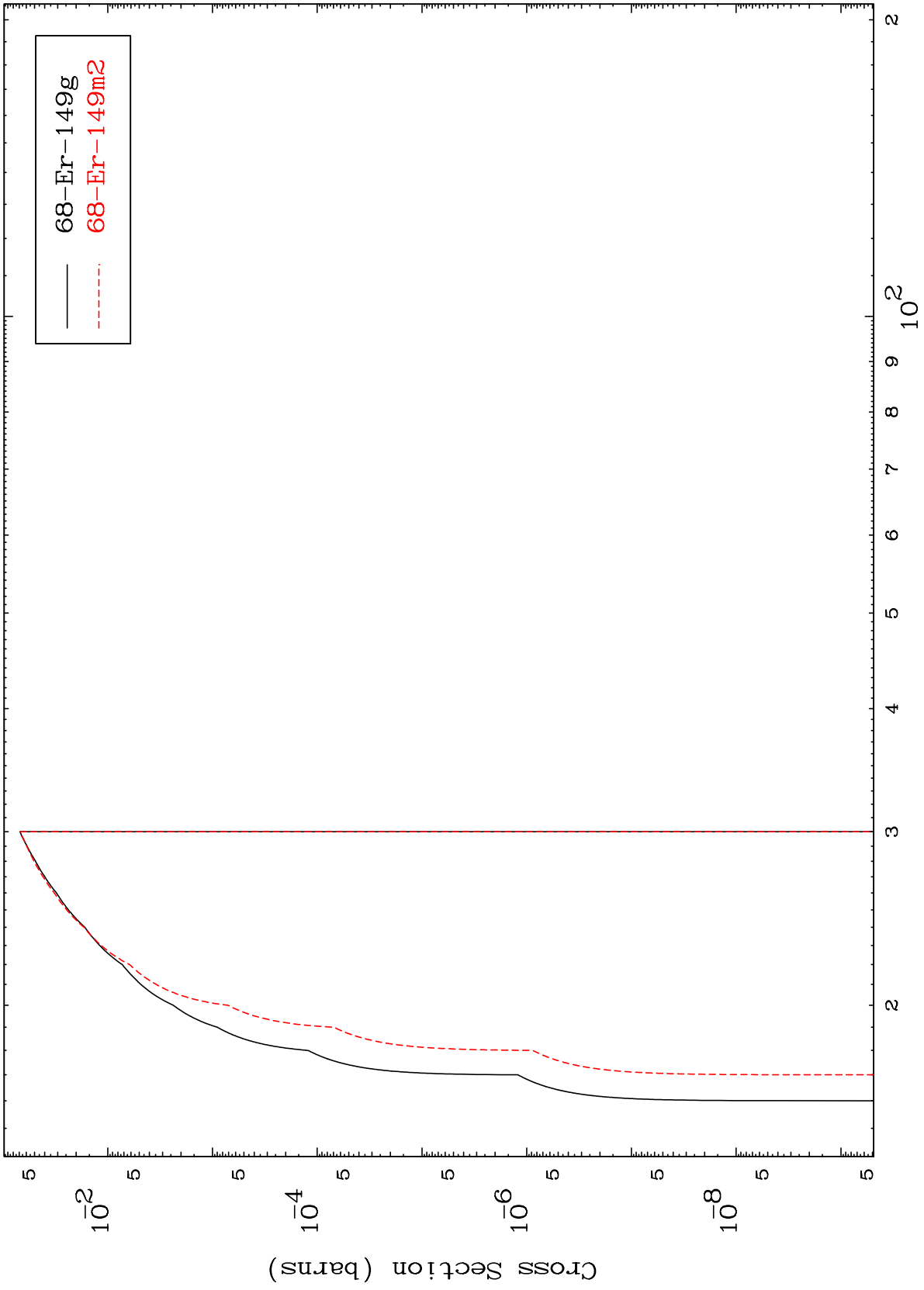
68-Er-150

MAT 6789

(d,2n) p

68-Er-150

Radionuclide Production Cross Section



15

Incident Energy (MeV)

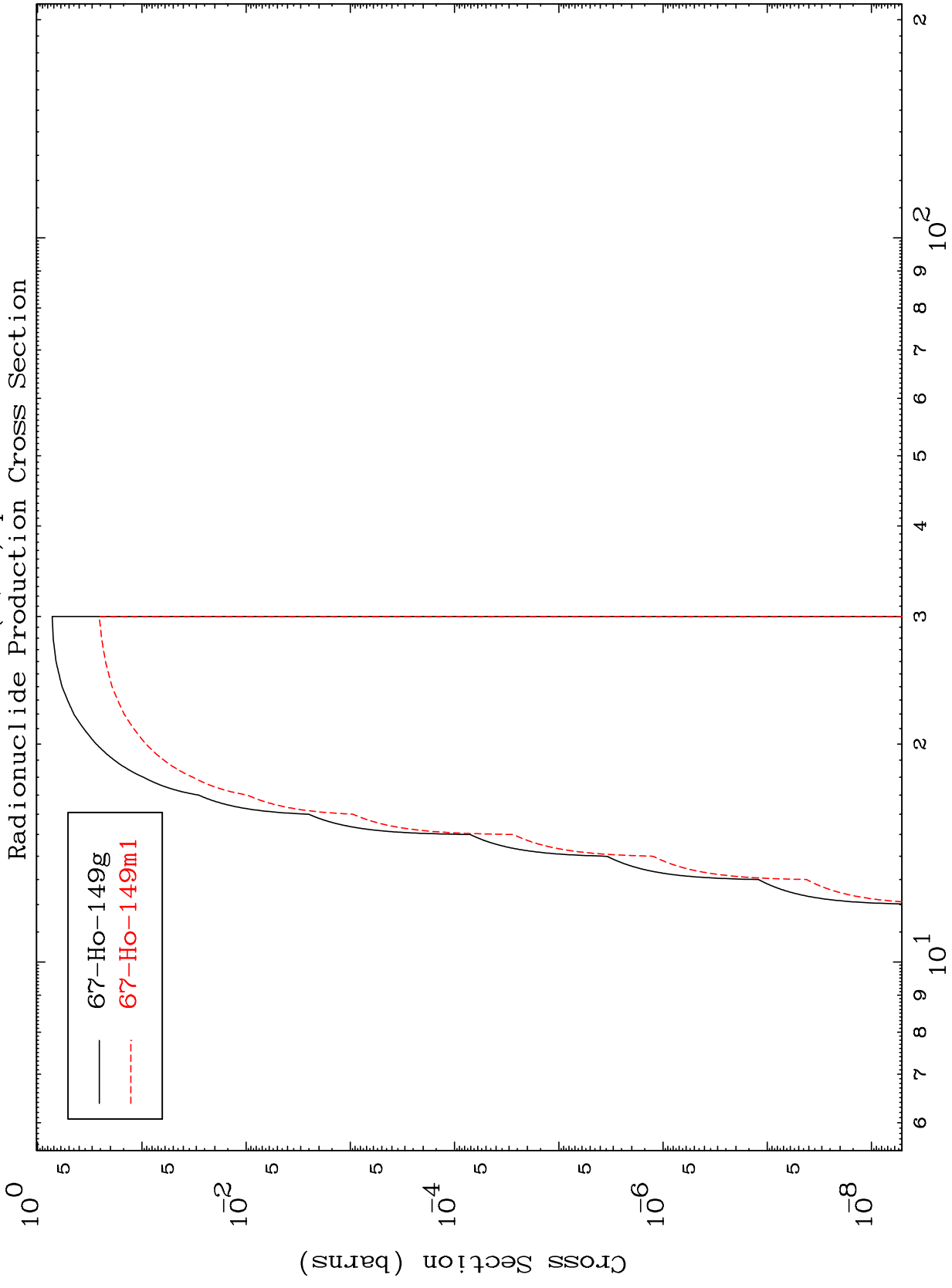
68-Er-150



MAT 6789

(d,2n) p

68-Er-150



68-Er-150

Incident Energy (MeV)

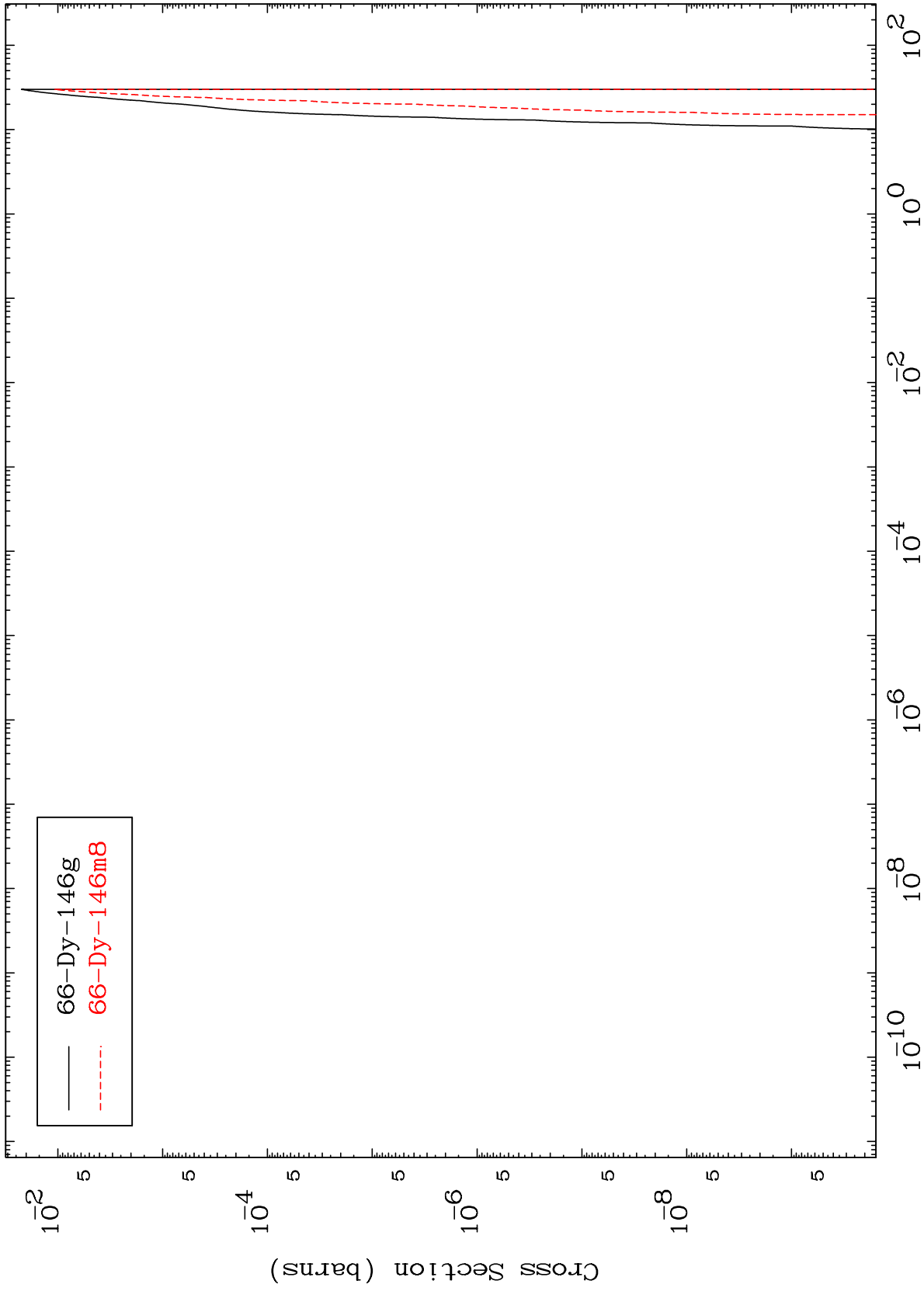
16

MAT 6789

(d,n') p  $\alpha$

68-Er-150

Radionuclide Production Cross Section



17

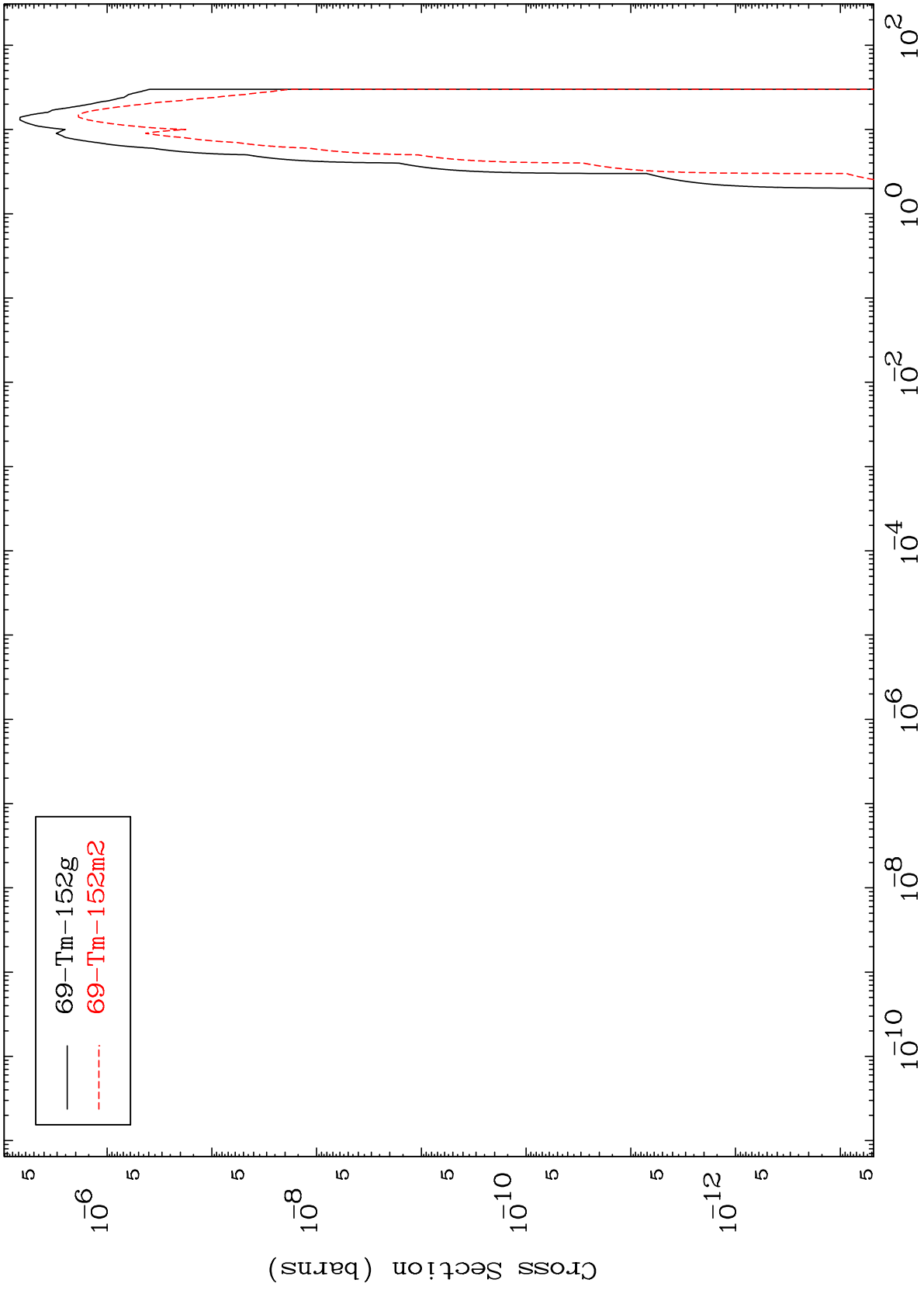
Incident Energy (MeV)

68-Er-150

MAT 6789

(d,γ)  
Radionuclide Production Cross Section

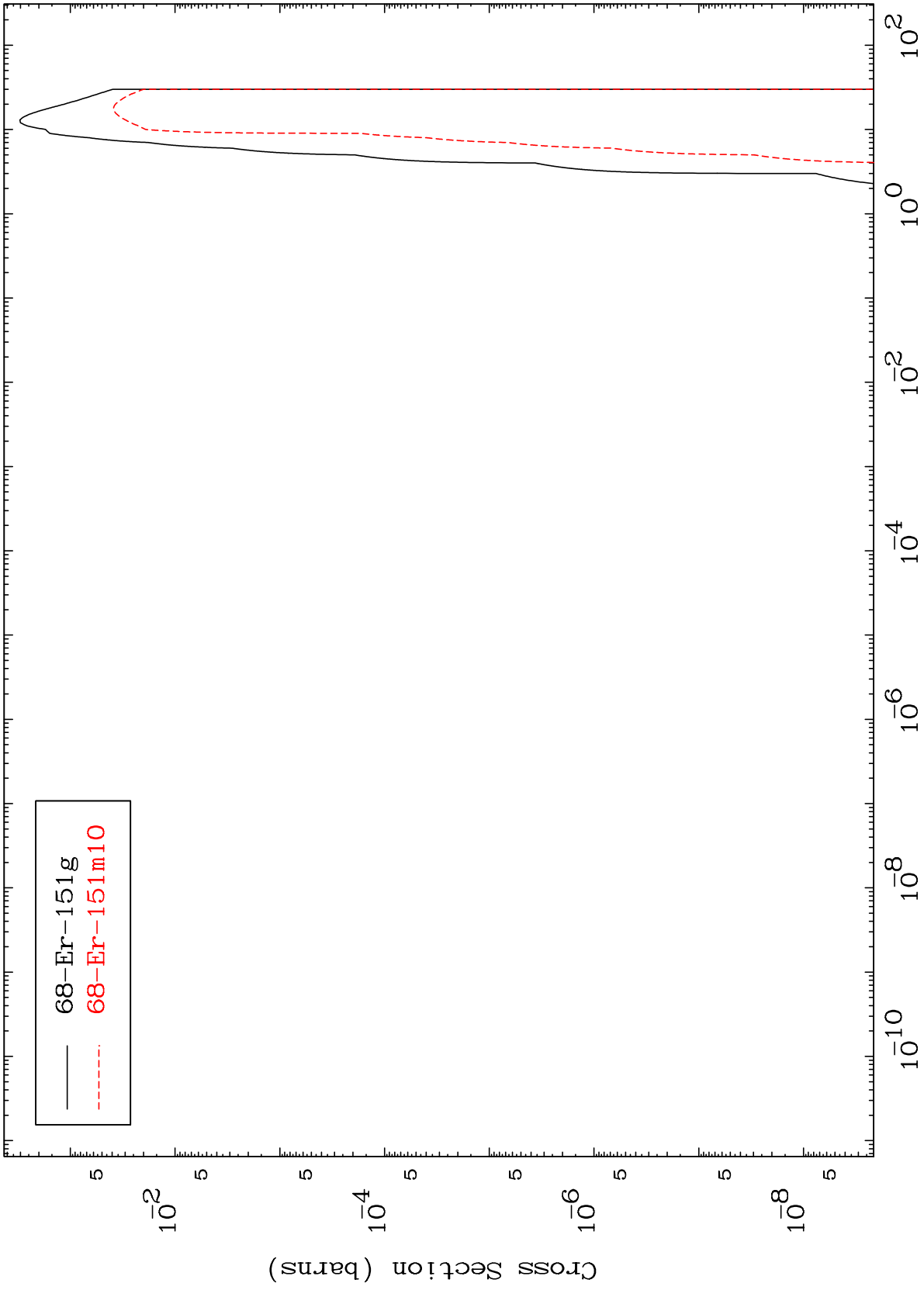
68-Er-150



MAT 6789

(d,p)  
Radionuclide Production Cross Section

68-Er-150



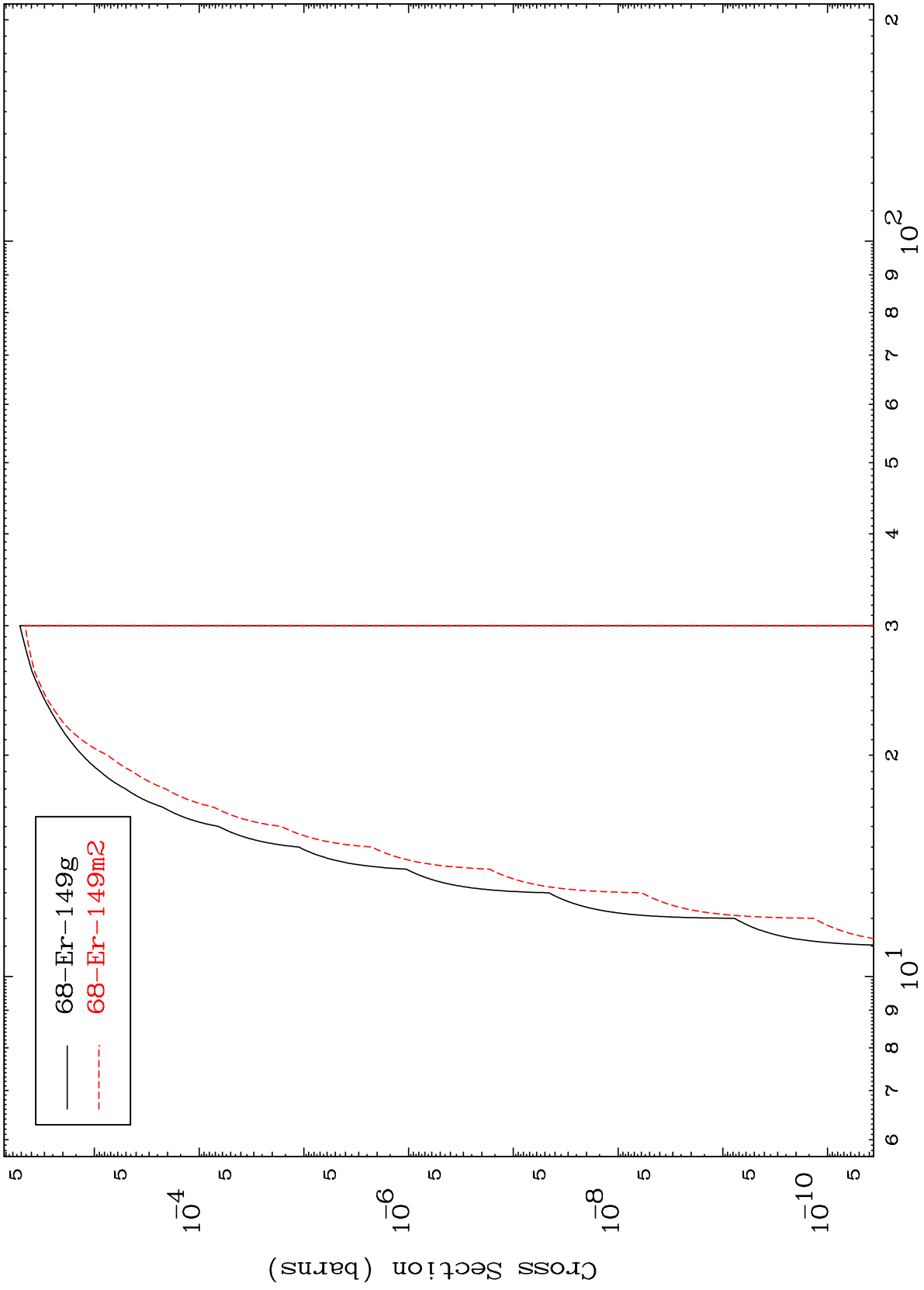
68-Er-151g  
68-Er-151m10

68-Er-150

MAT 6789

68-Er-150

(d,t)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

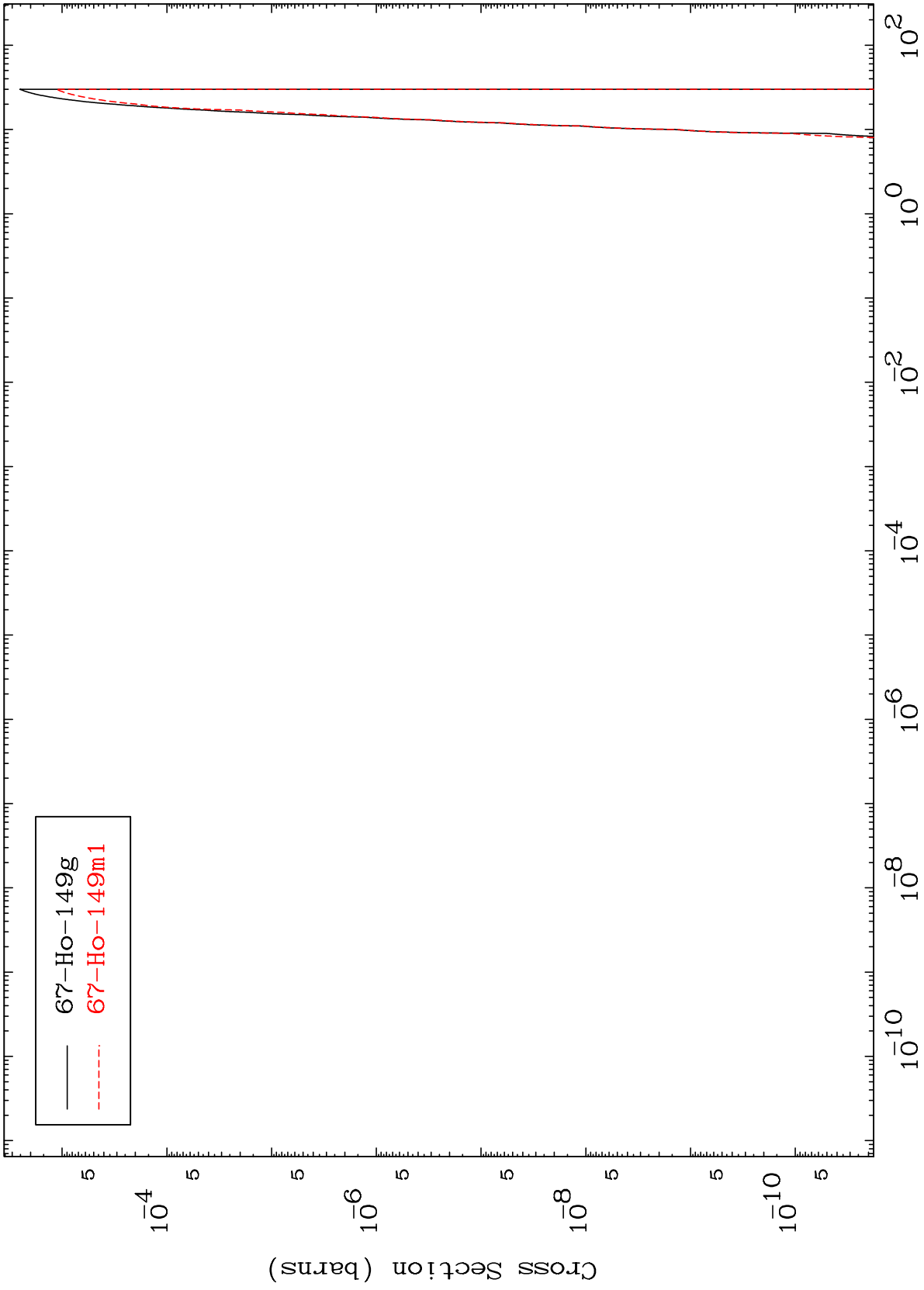
68-Er-150

MAT 6789

(d, He-3)

68-Er-150

Radionuclide Production Cross Section



21

Incident Energy (MeV)

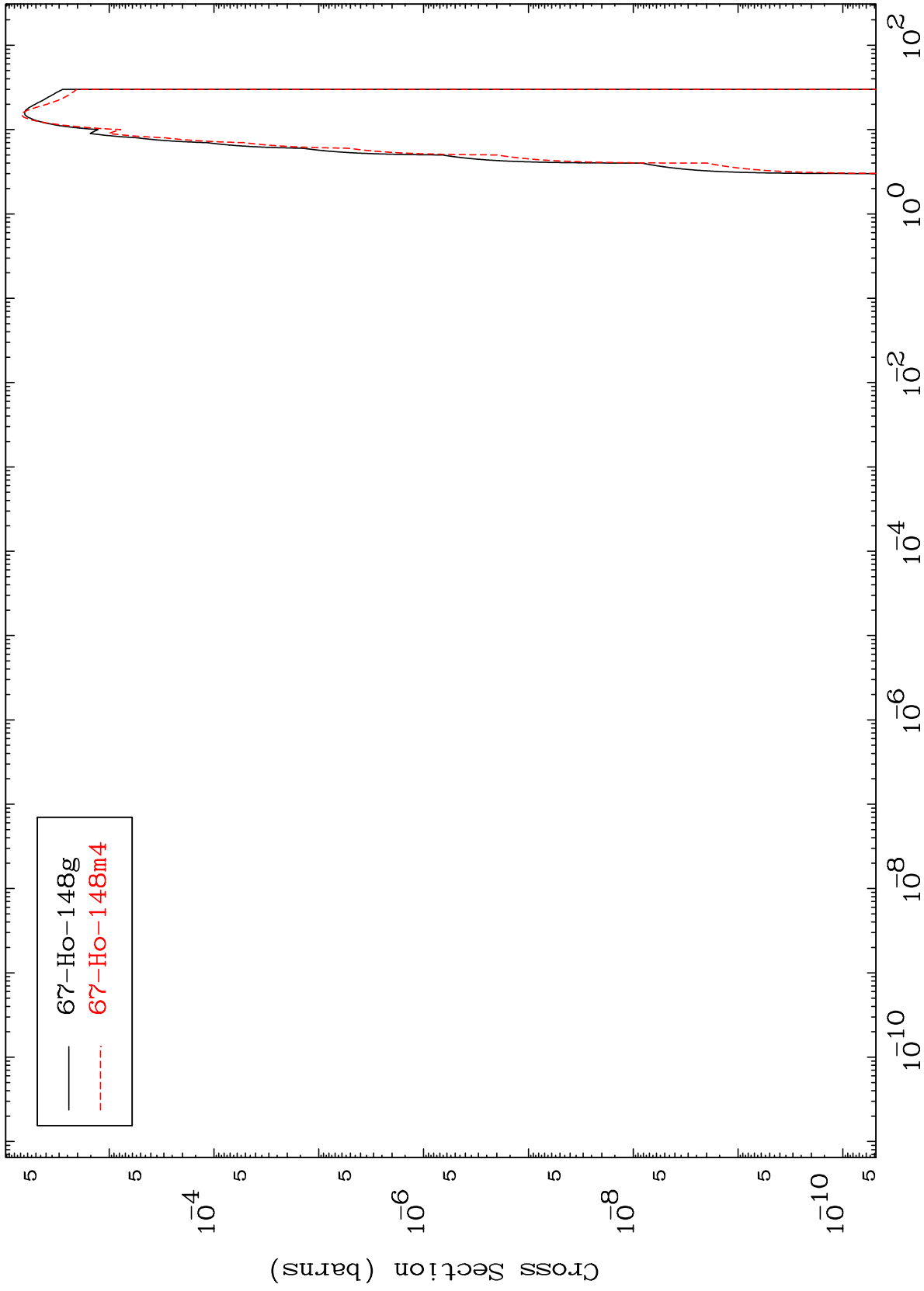
68-Er-150

MAT 6789

(d,  $\alpha$ )

68-Er-150

Radionuclide Production Cross Section



22

Incident Energy (MeV)

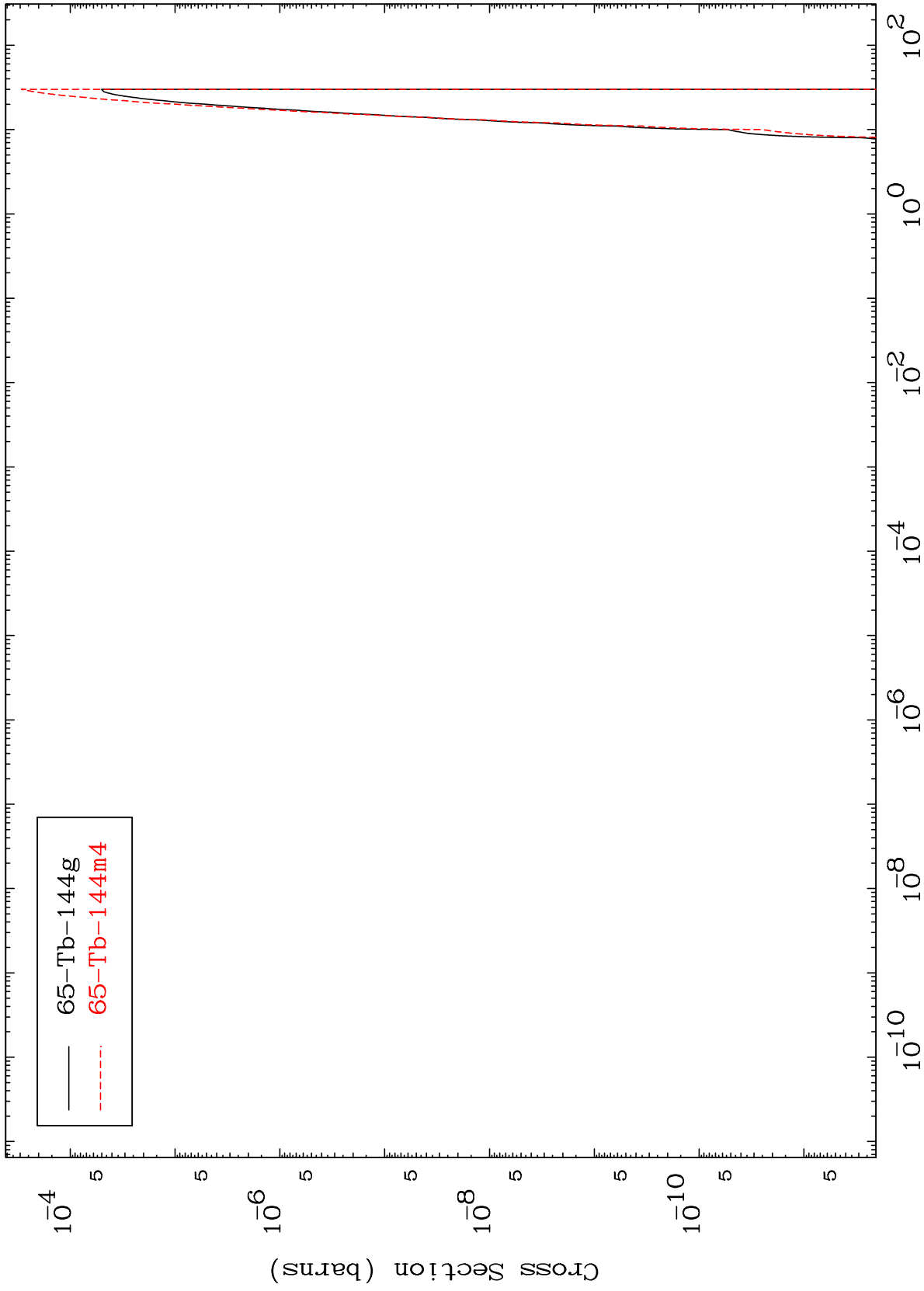
68-Er-150

MAT 6789

(d,2α)

68-Er-150

Radionuclide Production Cross Section

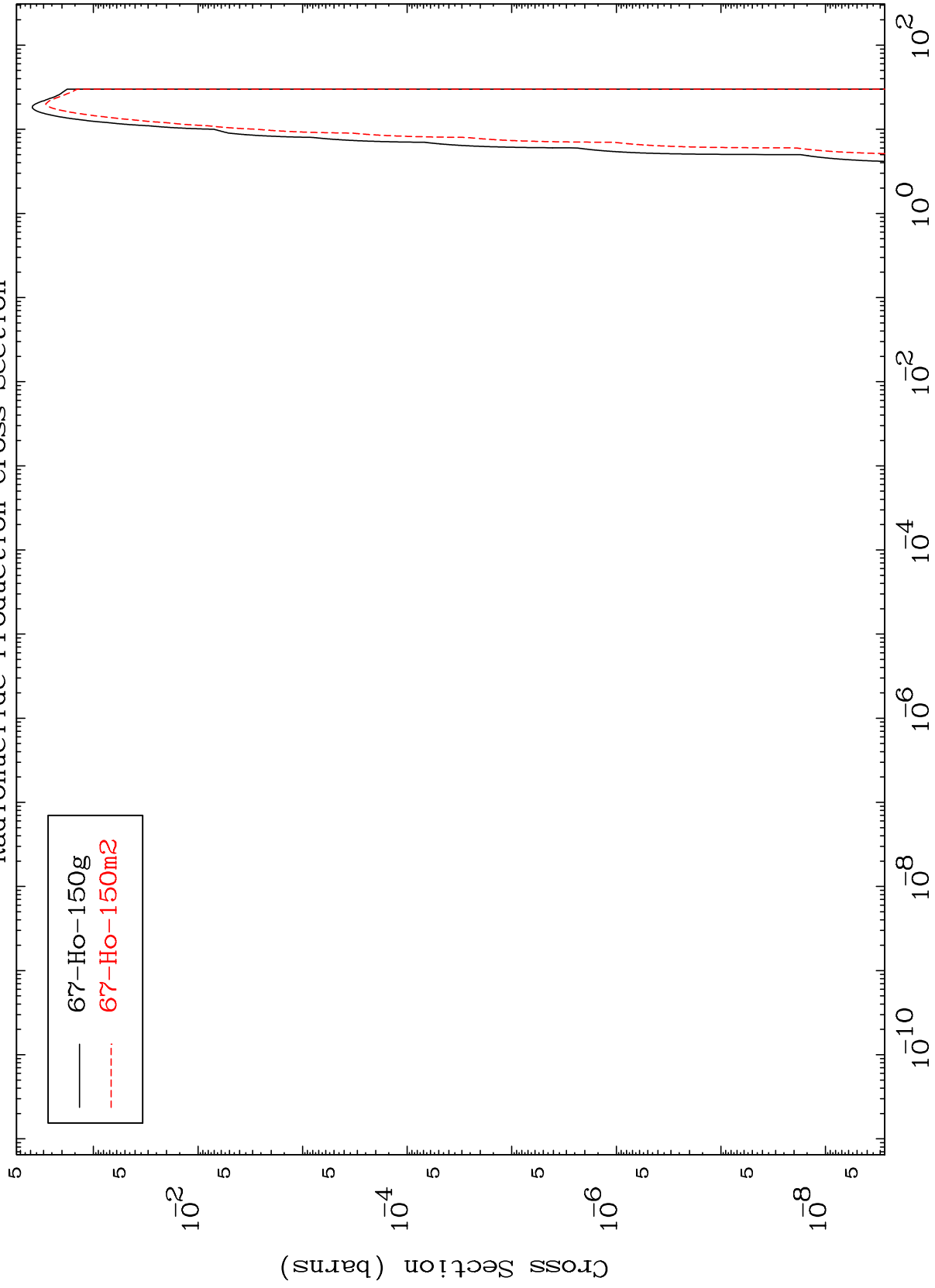




MAT 6789

Radionuclide Production Cross Section  
(d,2p)

68-Er-150



24

Incident Energy (MeV)

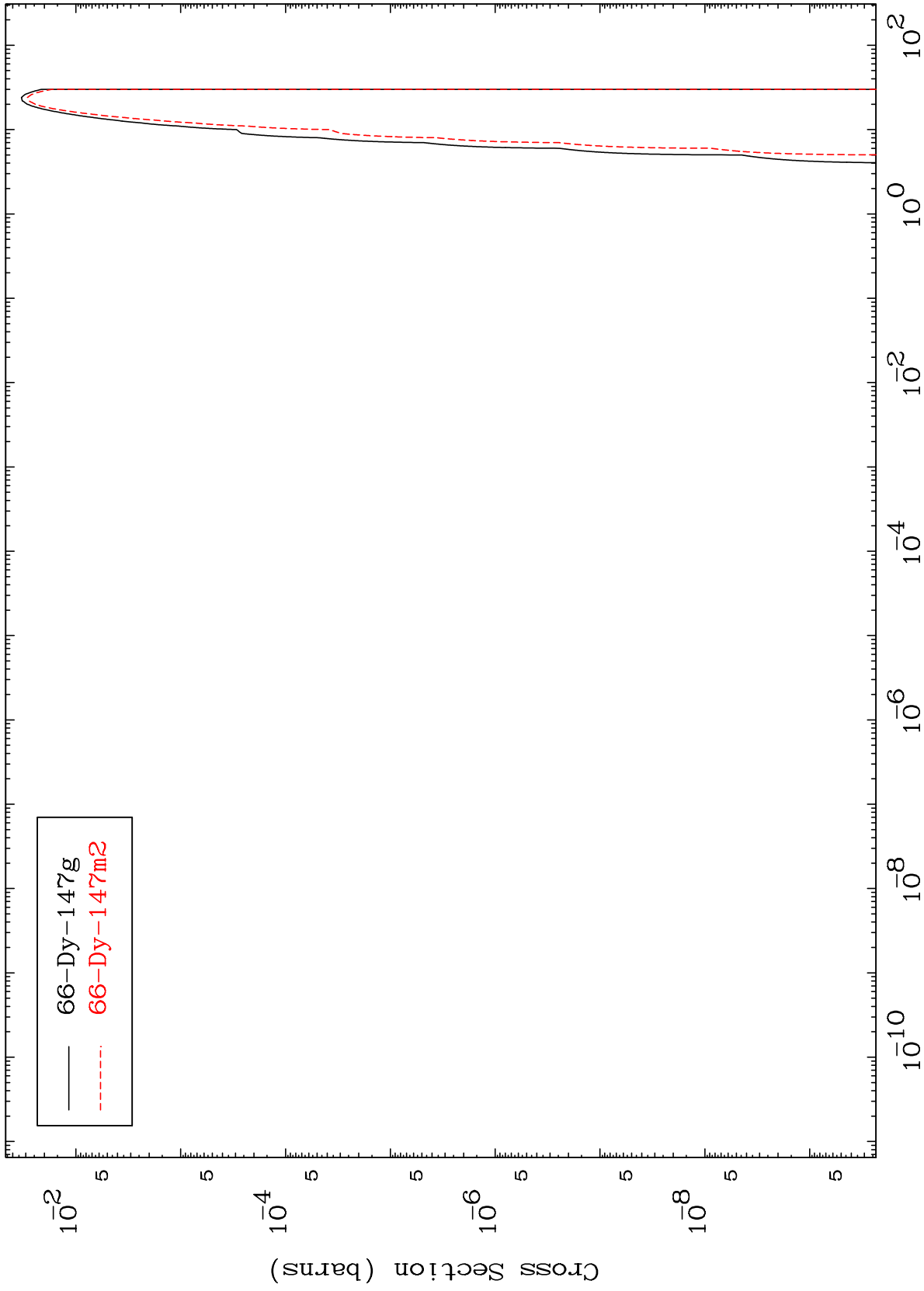
68-Er-150

MAT 6789

(d,p)  $\alpha$

68-Er-150

Radionuclide Production Cross Section



25

Incident Energy (MeV)

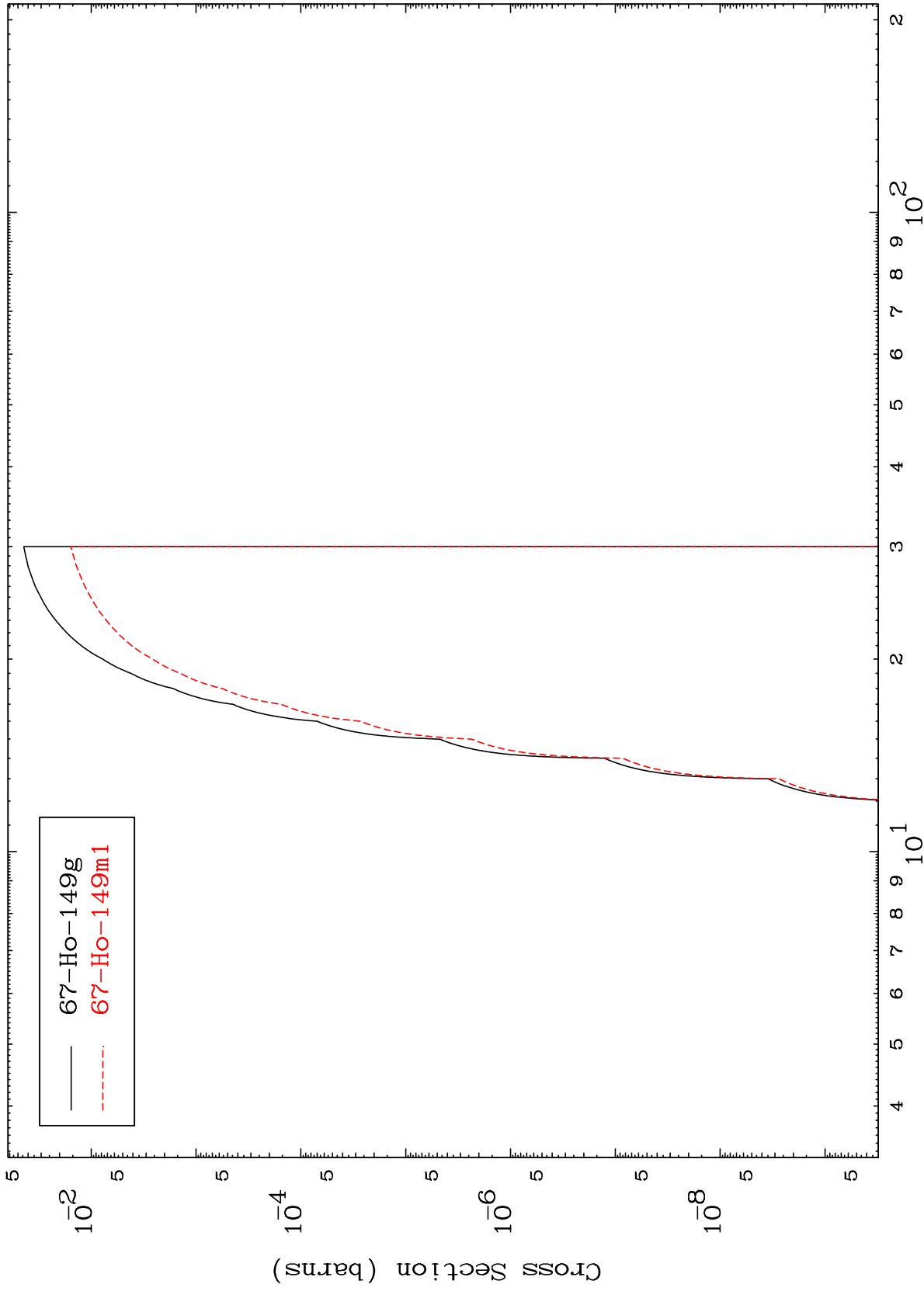
68-Er-150

MAT 6789

(d,p) d

68-Er-150

Radionuclide Production Cross Section



67-Ho-149g  
67-Ho-149m1

26

Incident Energy (MeV)

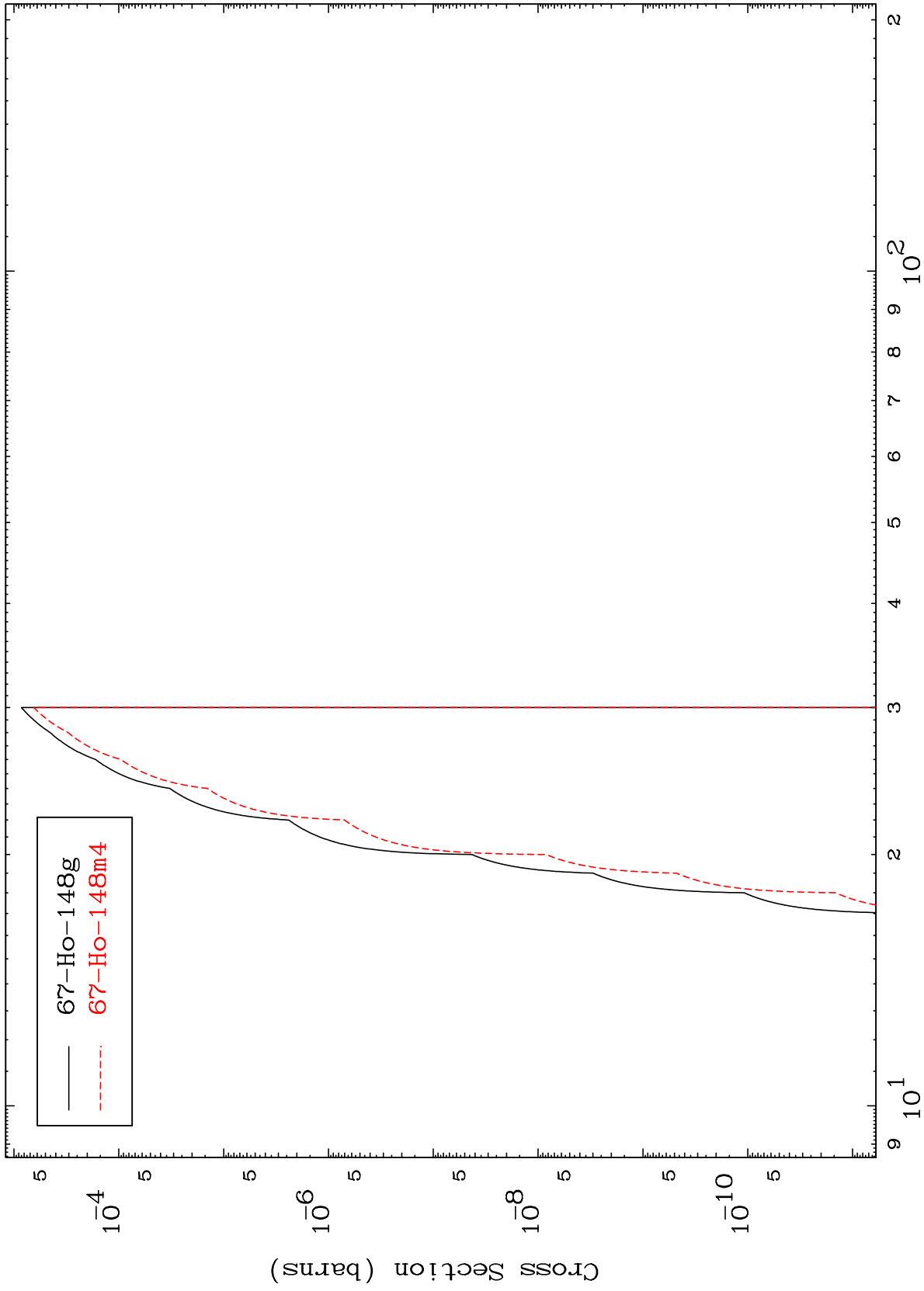
68-Er-150

MAT 6789

(d,p) t

68-Er-150

Radionuclide Production Cross Section



27

Incident Energy (MeV)

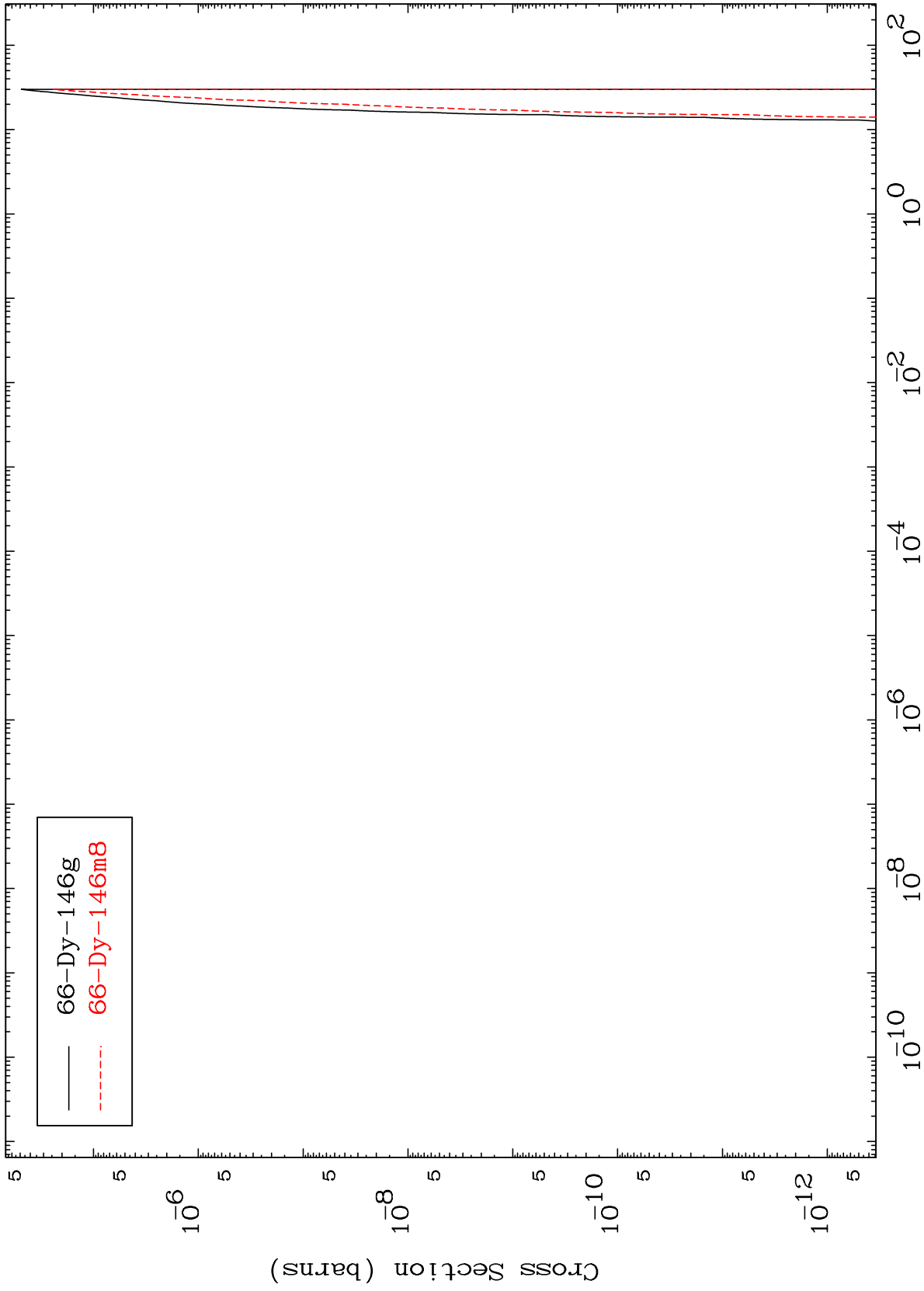
68-Er-150

MAT 6789

(d,d)  $\alpha$

68-Er-150

Radionuclide Production Cross Section



28

Incident Energy (MeV)

68-Er-150