

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

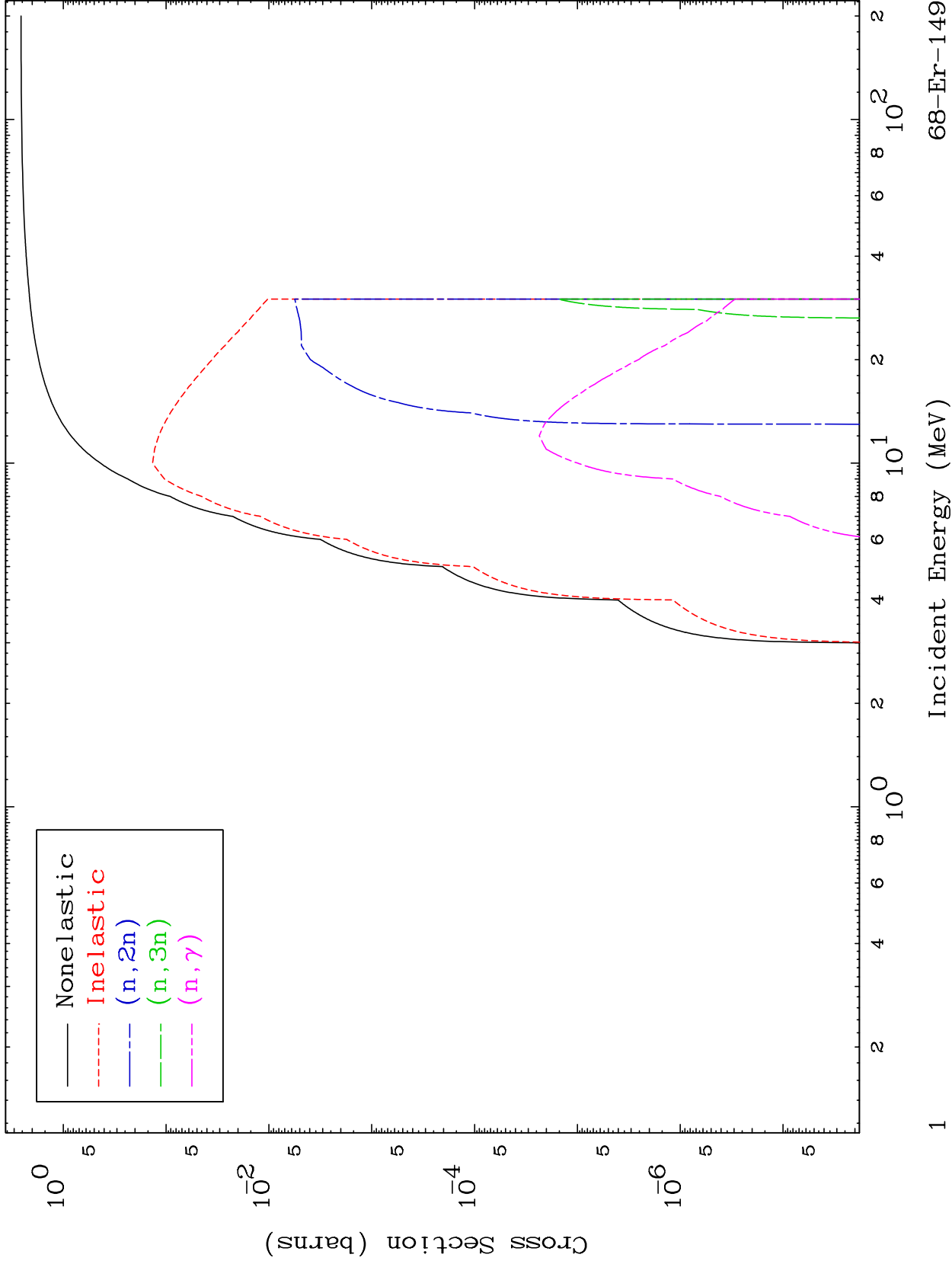
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

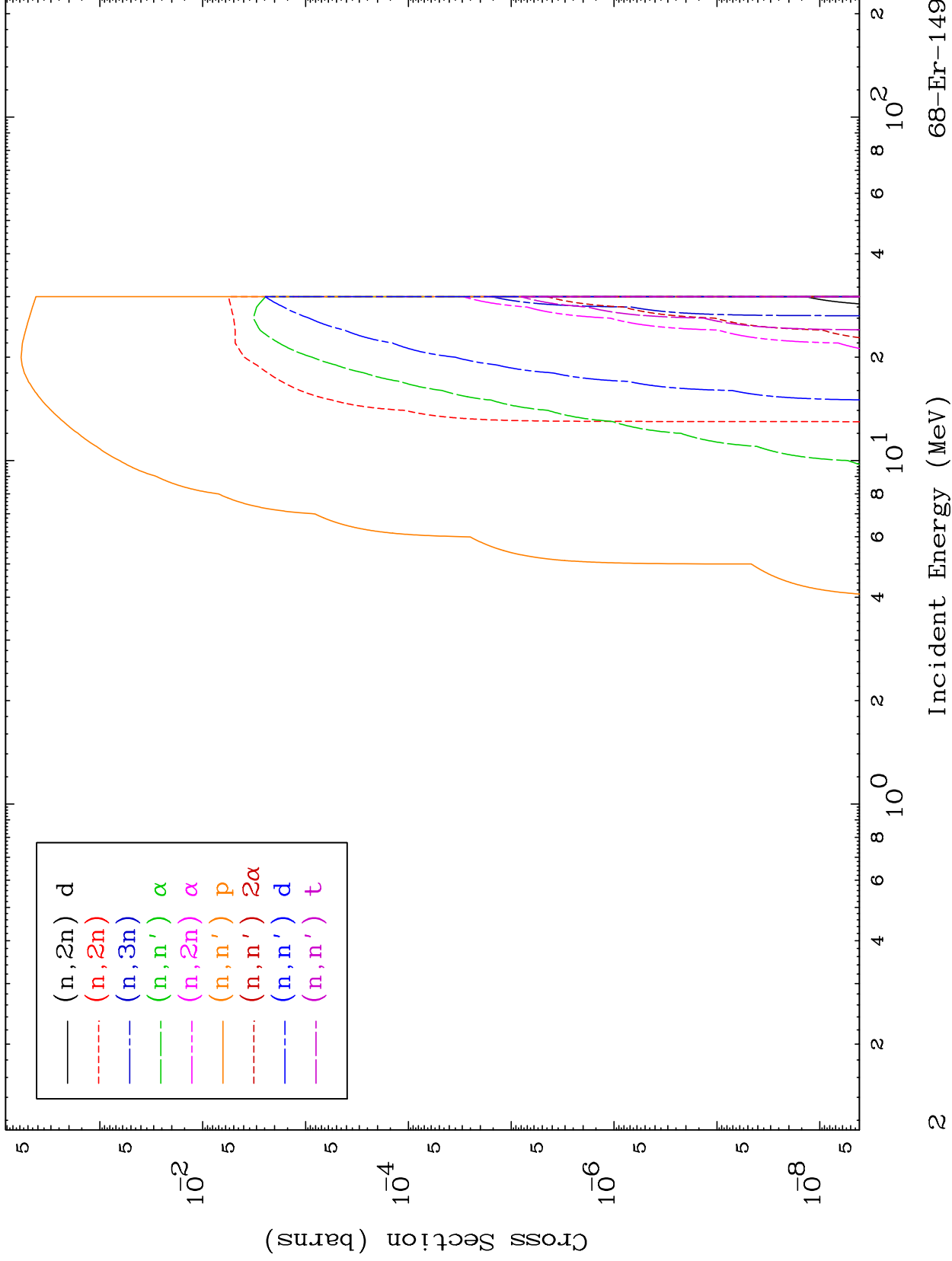
Tele: 925-443-1911

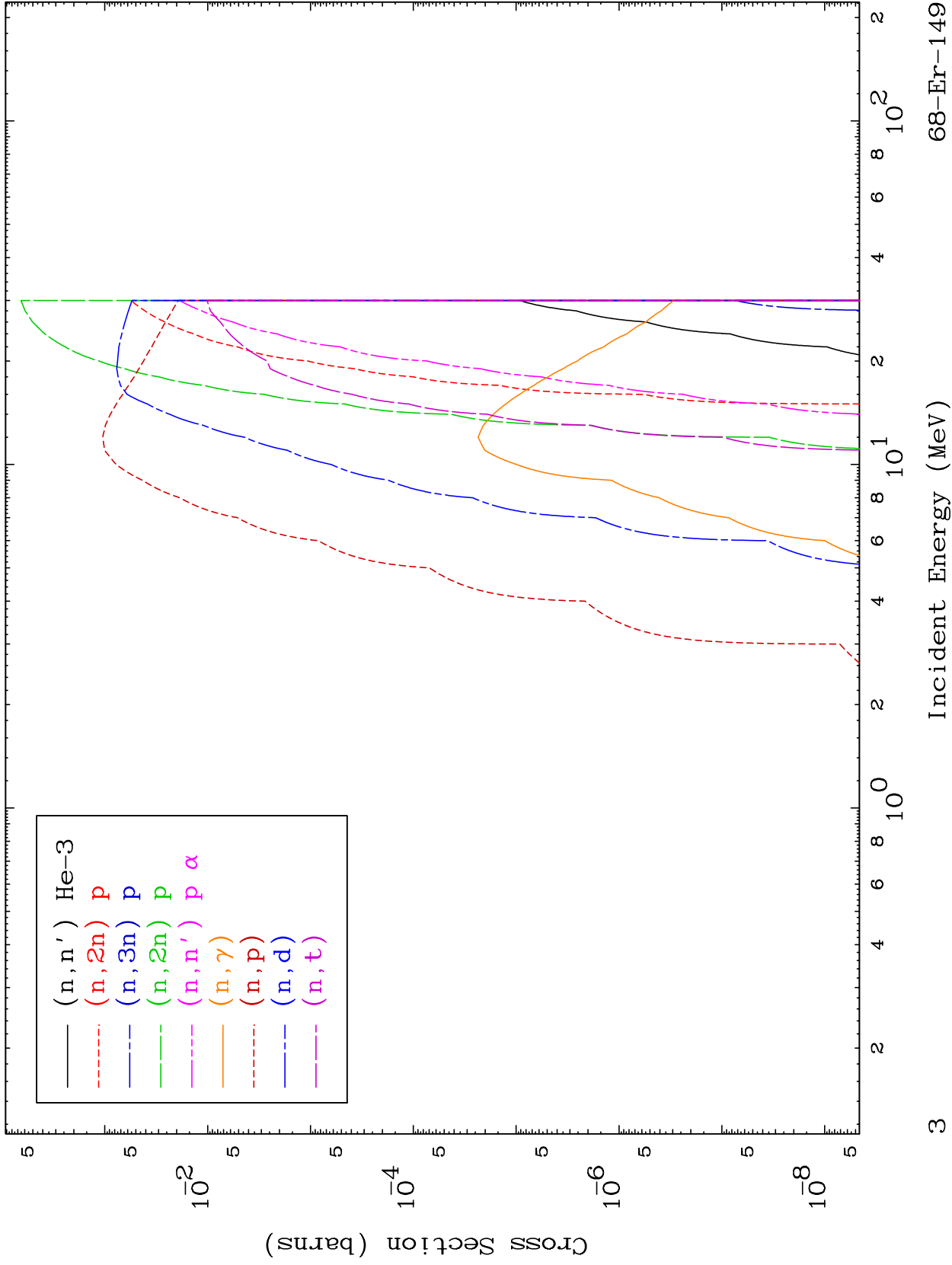
E.Mail:redcullen1@comcast.net

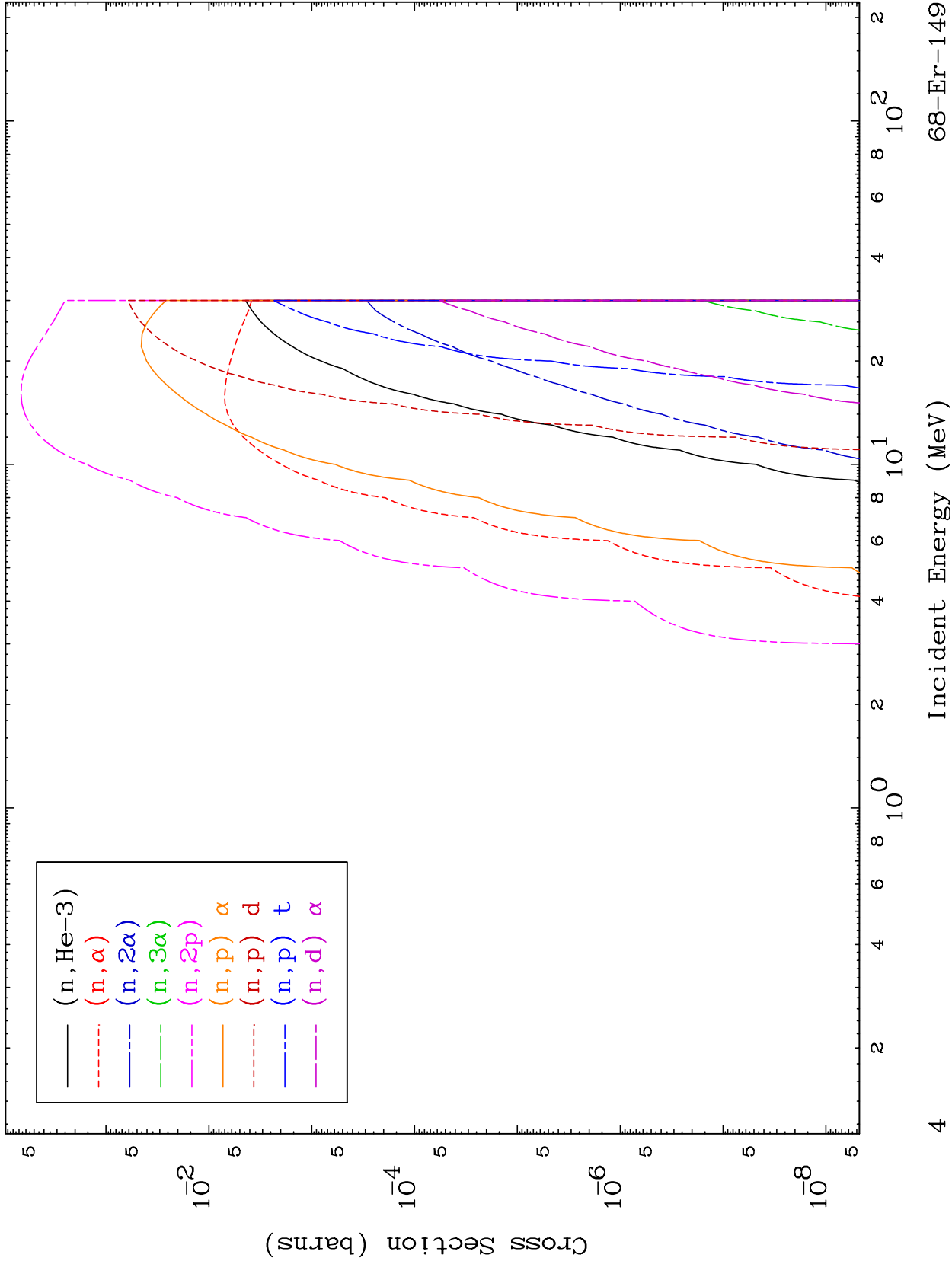
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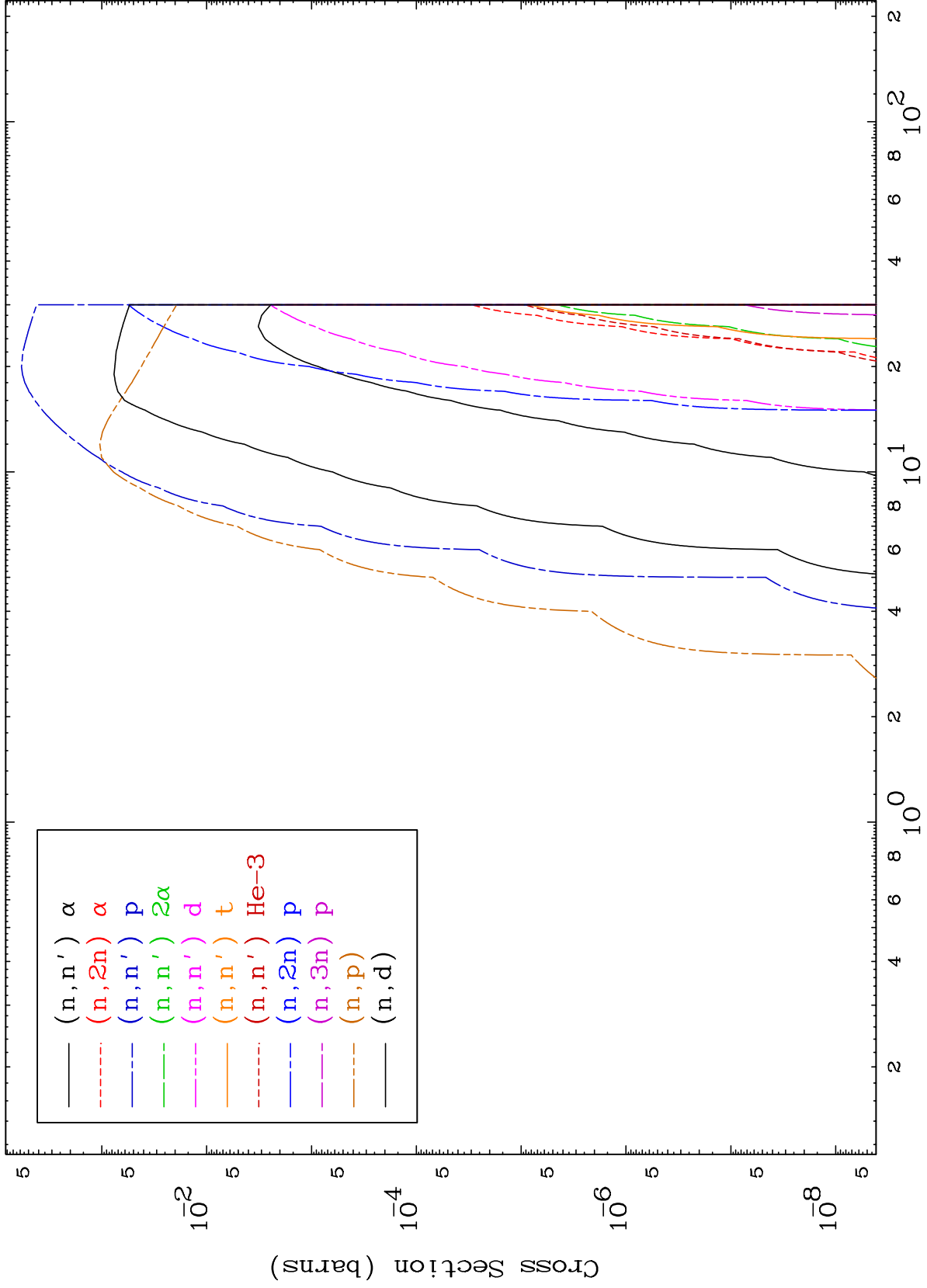
Press Mouse Button to Start

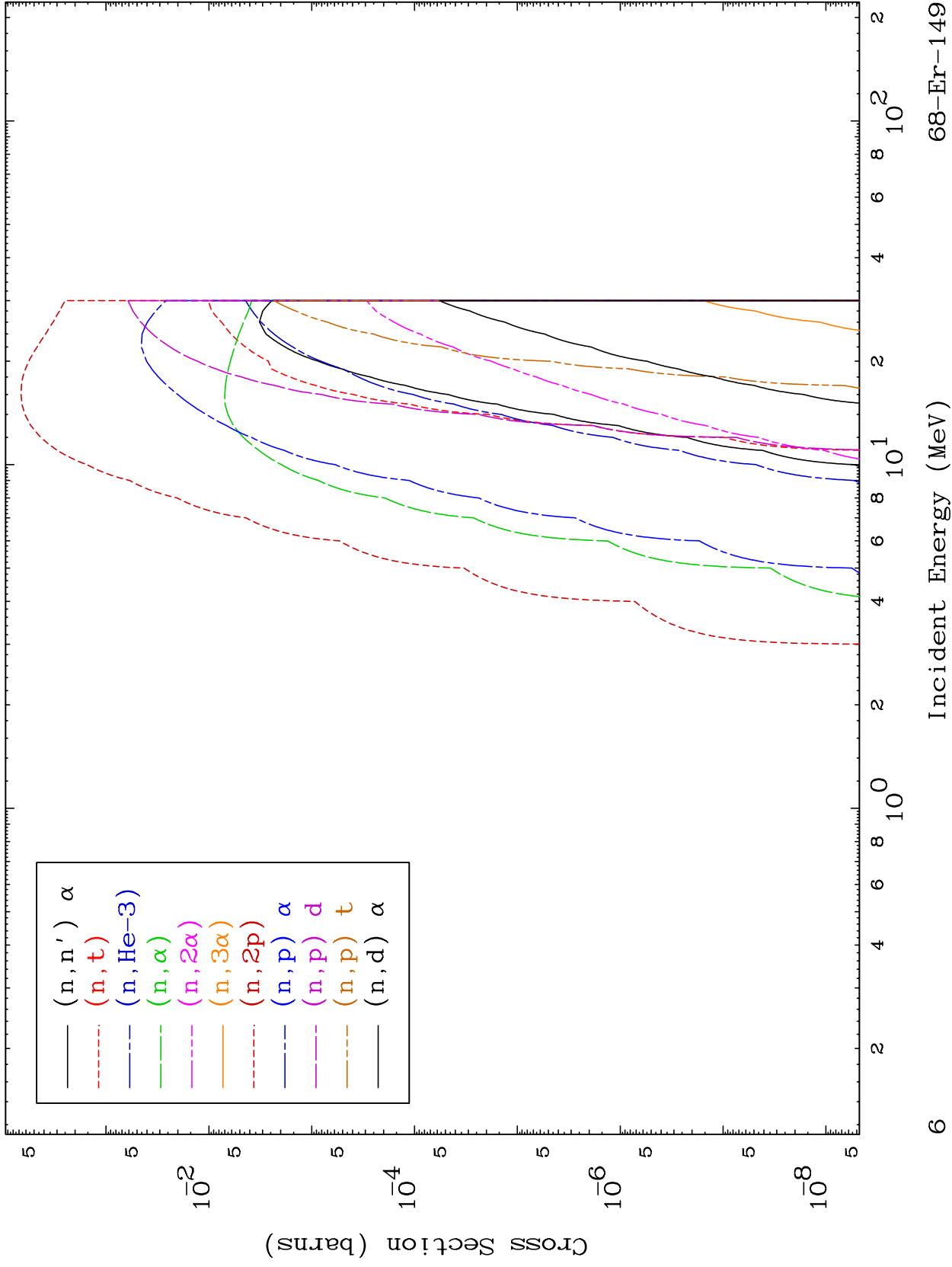








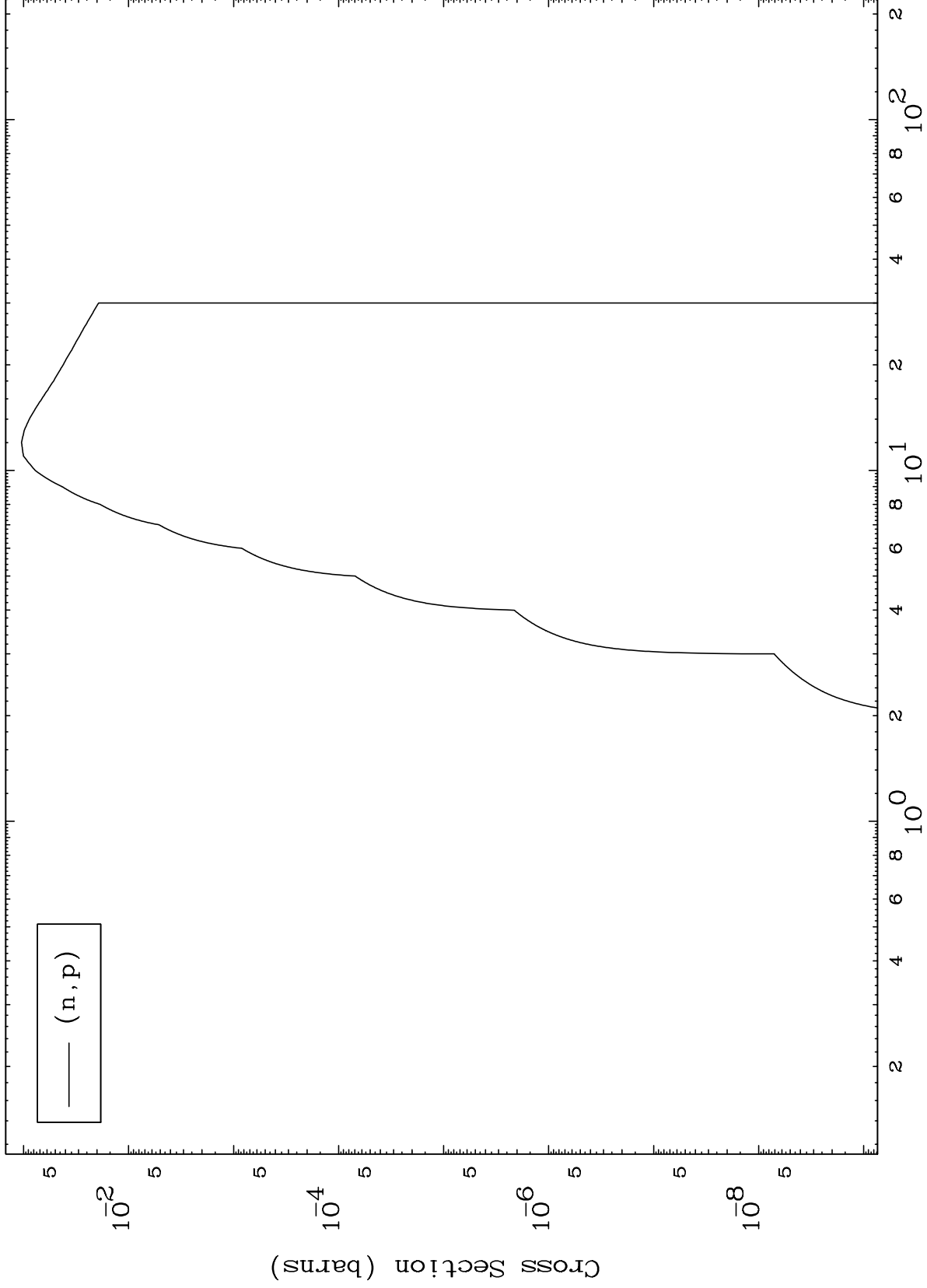




MAT 6786

(d,p) Levels
0 Kelvin Cross Sections

68-Er-149

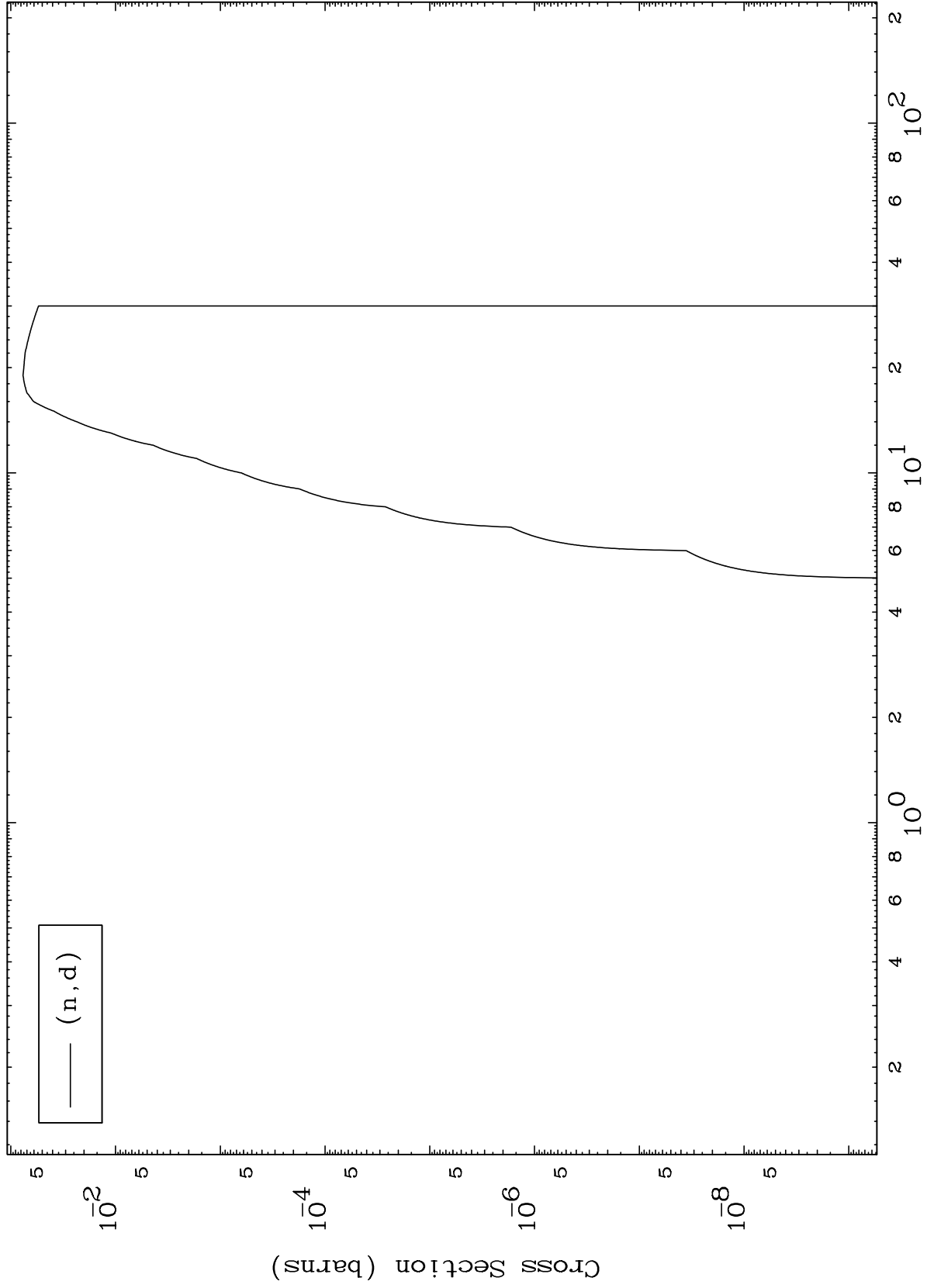


MAT 6786

(d,d) Levels

68-Er-149

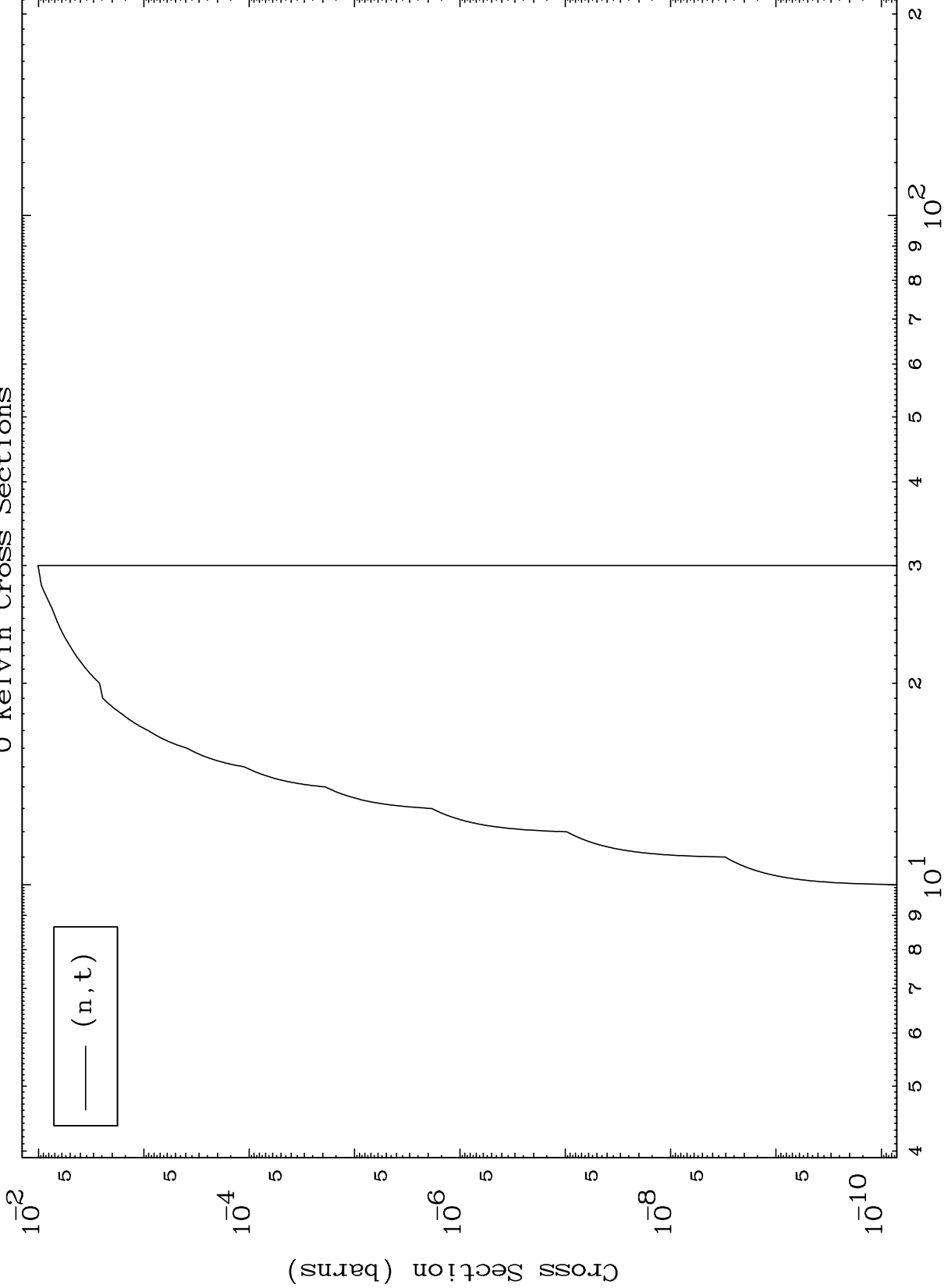
0 Kelvin Cross Sections



MAT 6786

(d,t) Levels
0 Kelvin Cross Sections

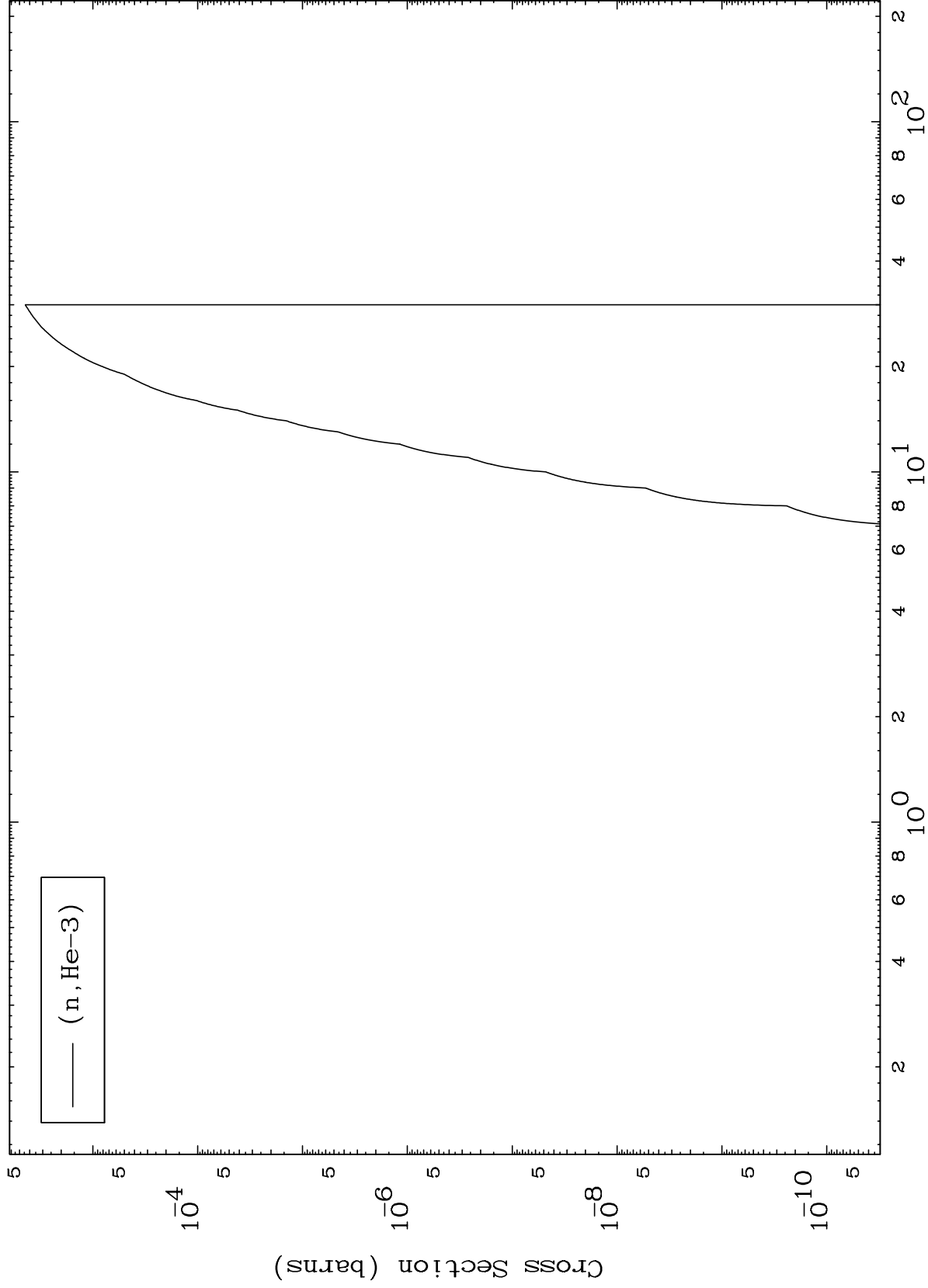
68-Er-149



MAT 6786

(d,He3) Levels
0 Kelvin Cross Sections

68-Er-149



10

Incident Energy (MeV)

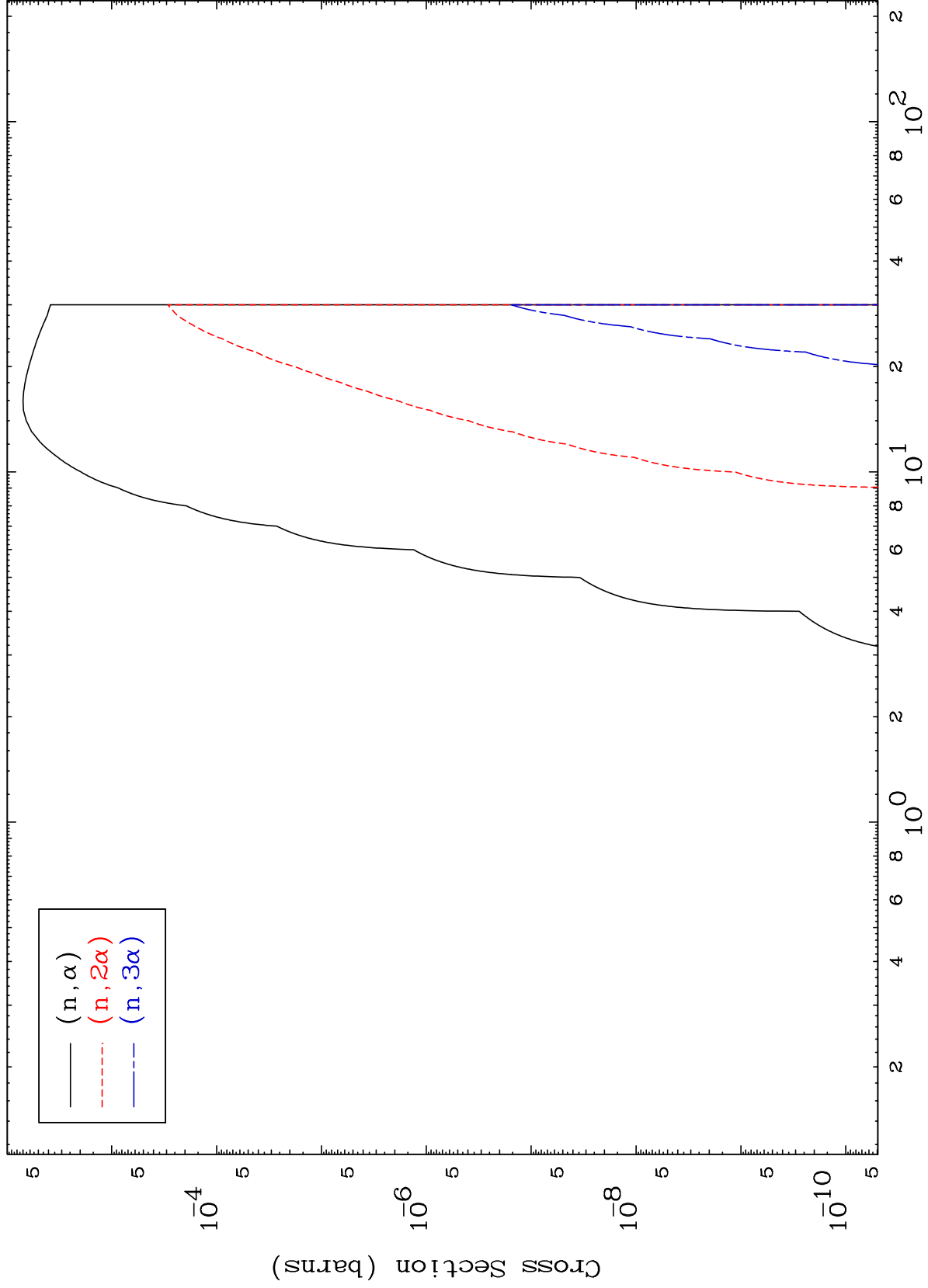
68-Er-149

MAT 6786

(d, α) Levels

68-Er-149

0 Kelvin Cross Sections

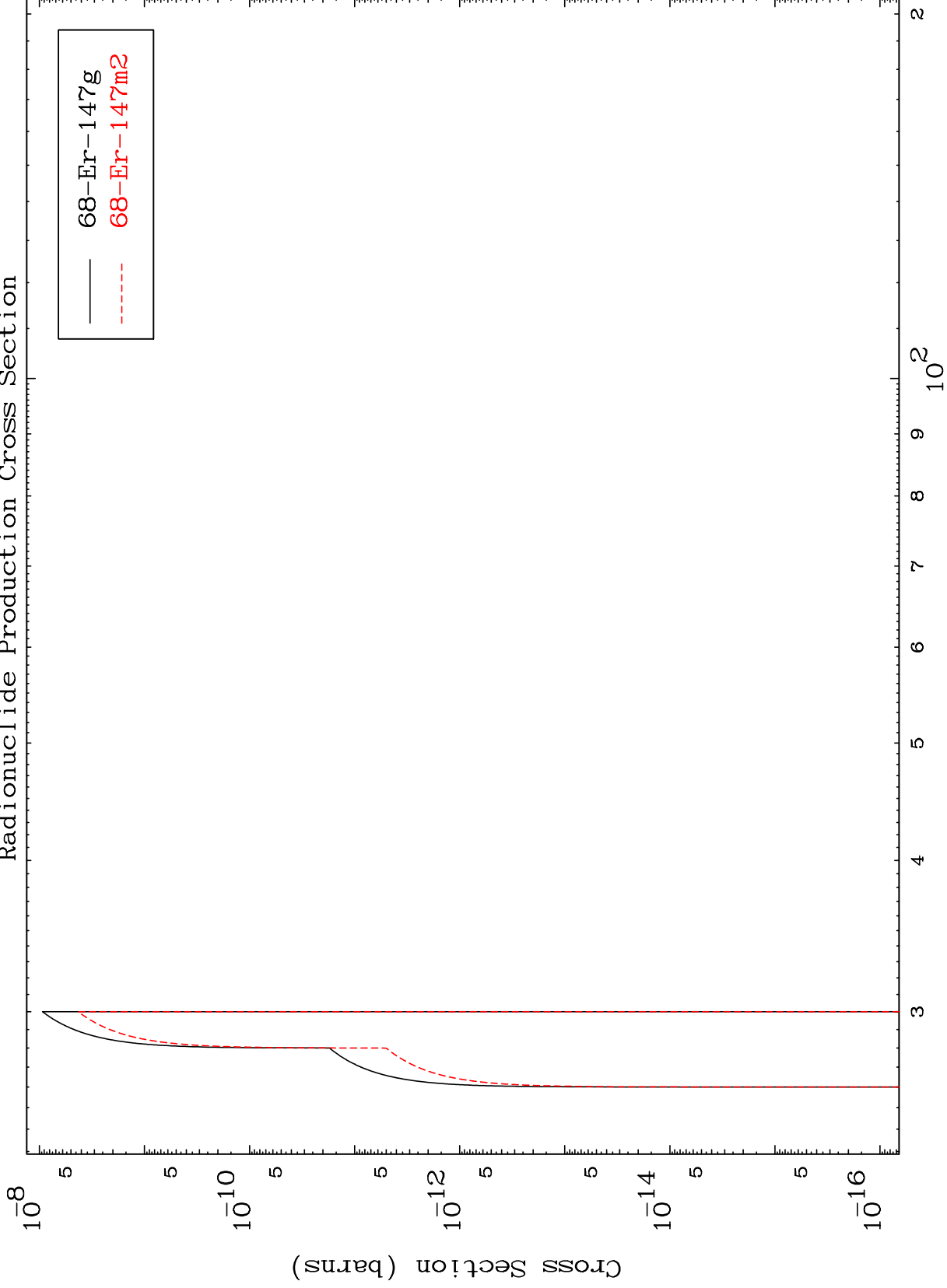


MAT 6786

(n,2n) d

68-Er-149

Radionuclide Production Cross Section



12

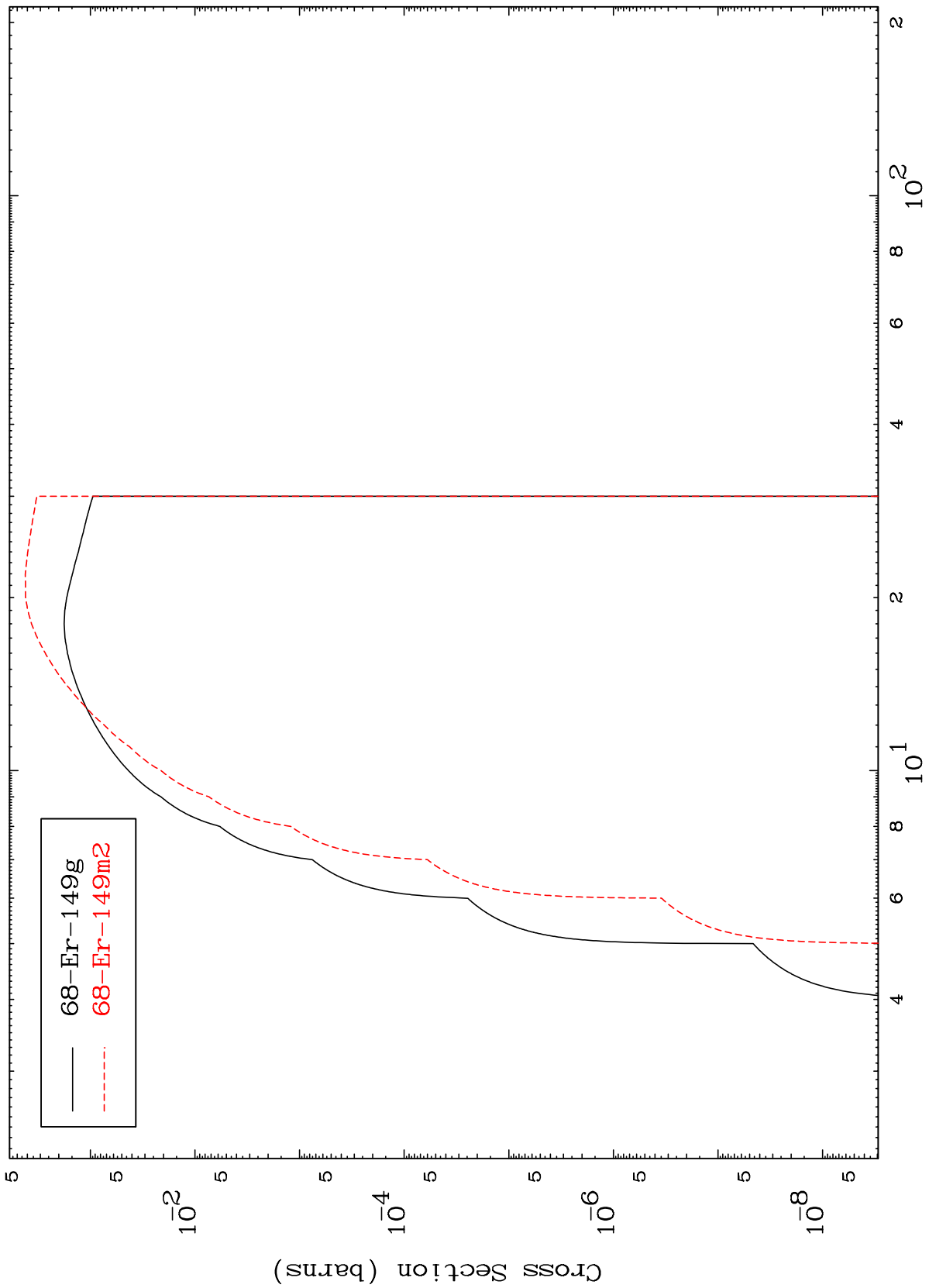
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,n') p
Radionuclide Production Cross Section



68-Er-149

Incident Energy (MeV)

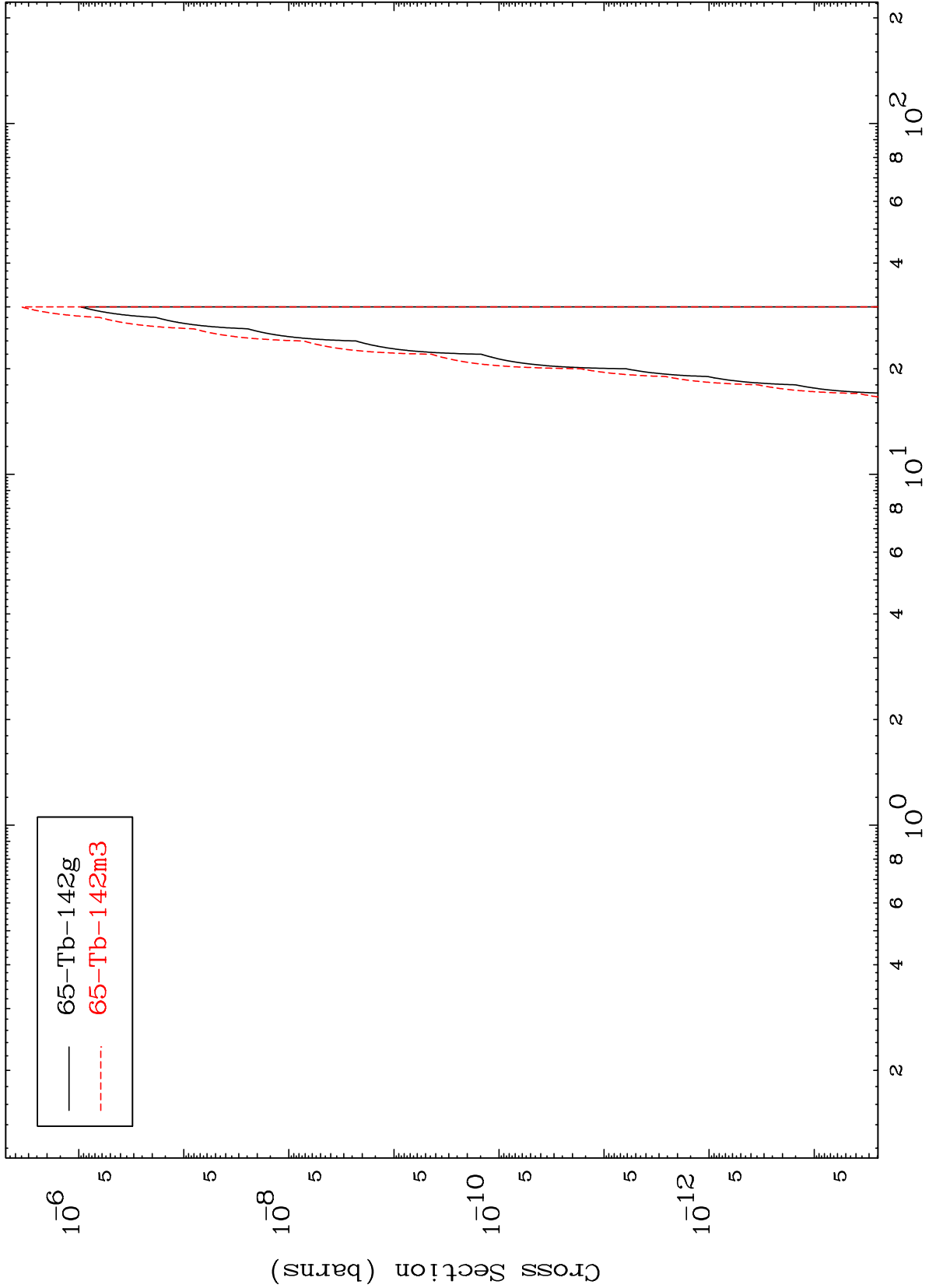
13

MAT 6786

(n,n') 2α

68-Er-149

Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

14

Incident Energy (MeV)

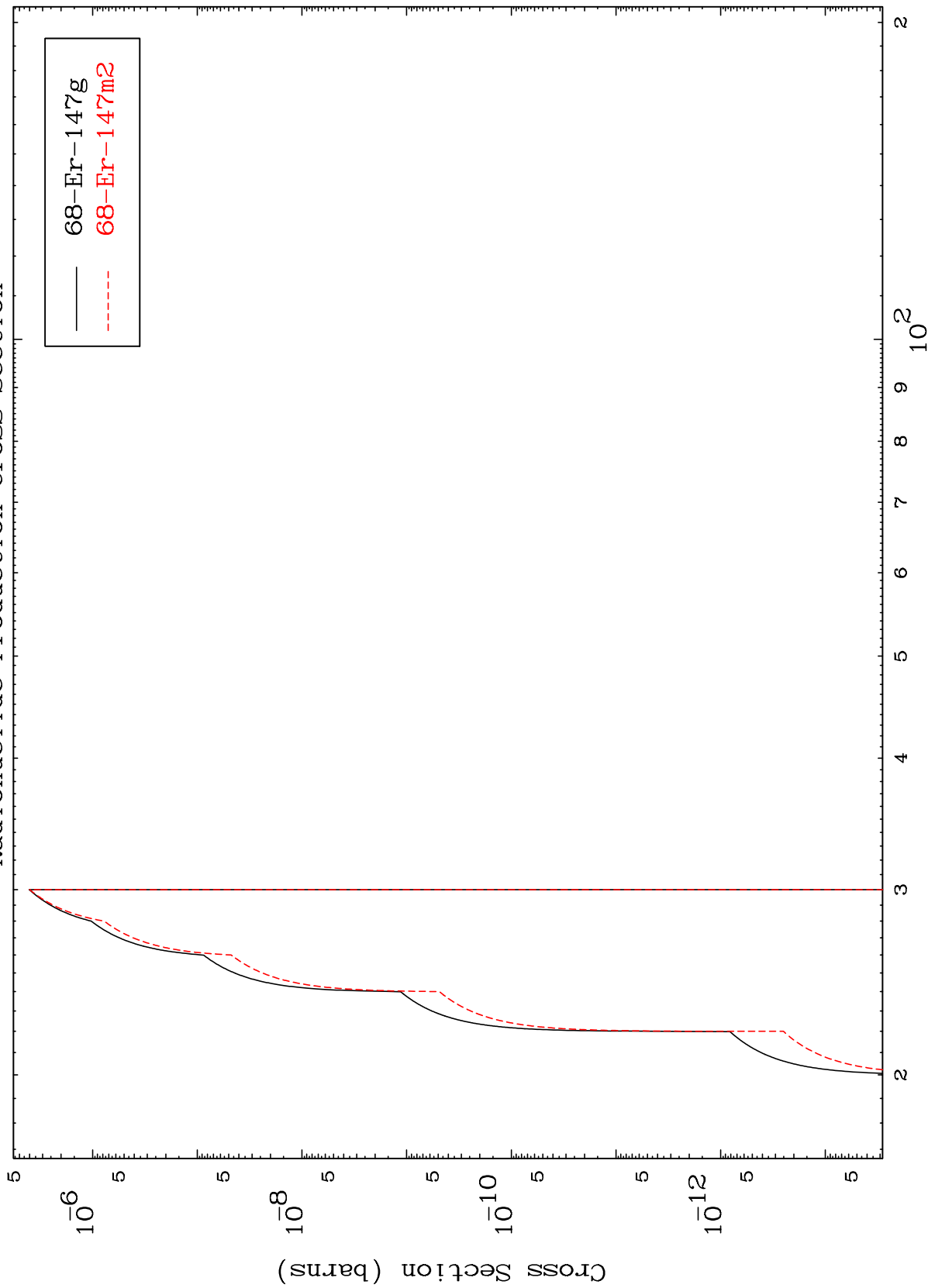
68-Er-149

MAT 6786

(n,n') t

68-Er-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

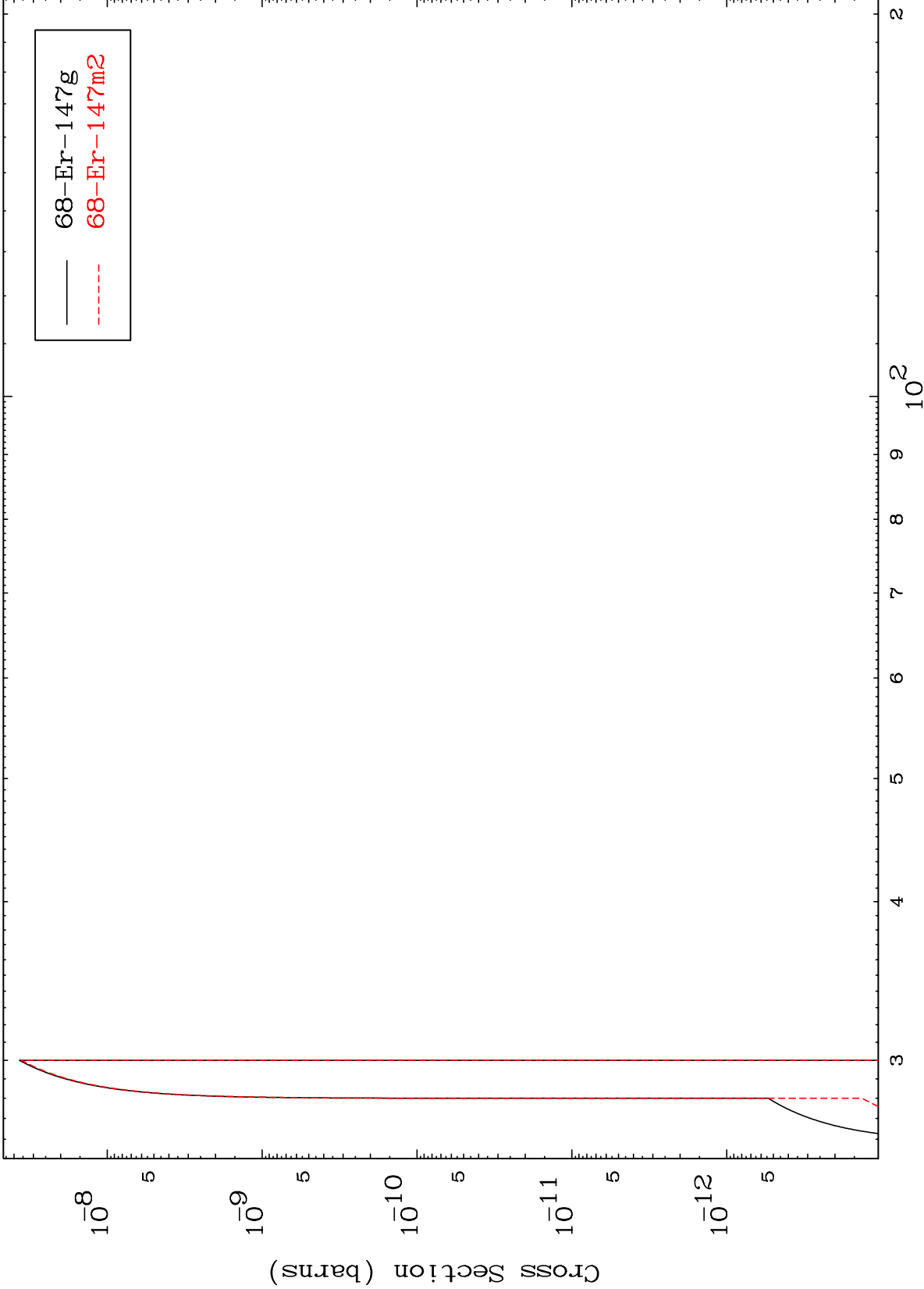
68-Er-149

MAT 6786

(n,3n) p

68-Er-149

Radionuclide Production Cross Section



68-Er-147g
68-Er-147m2

16

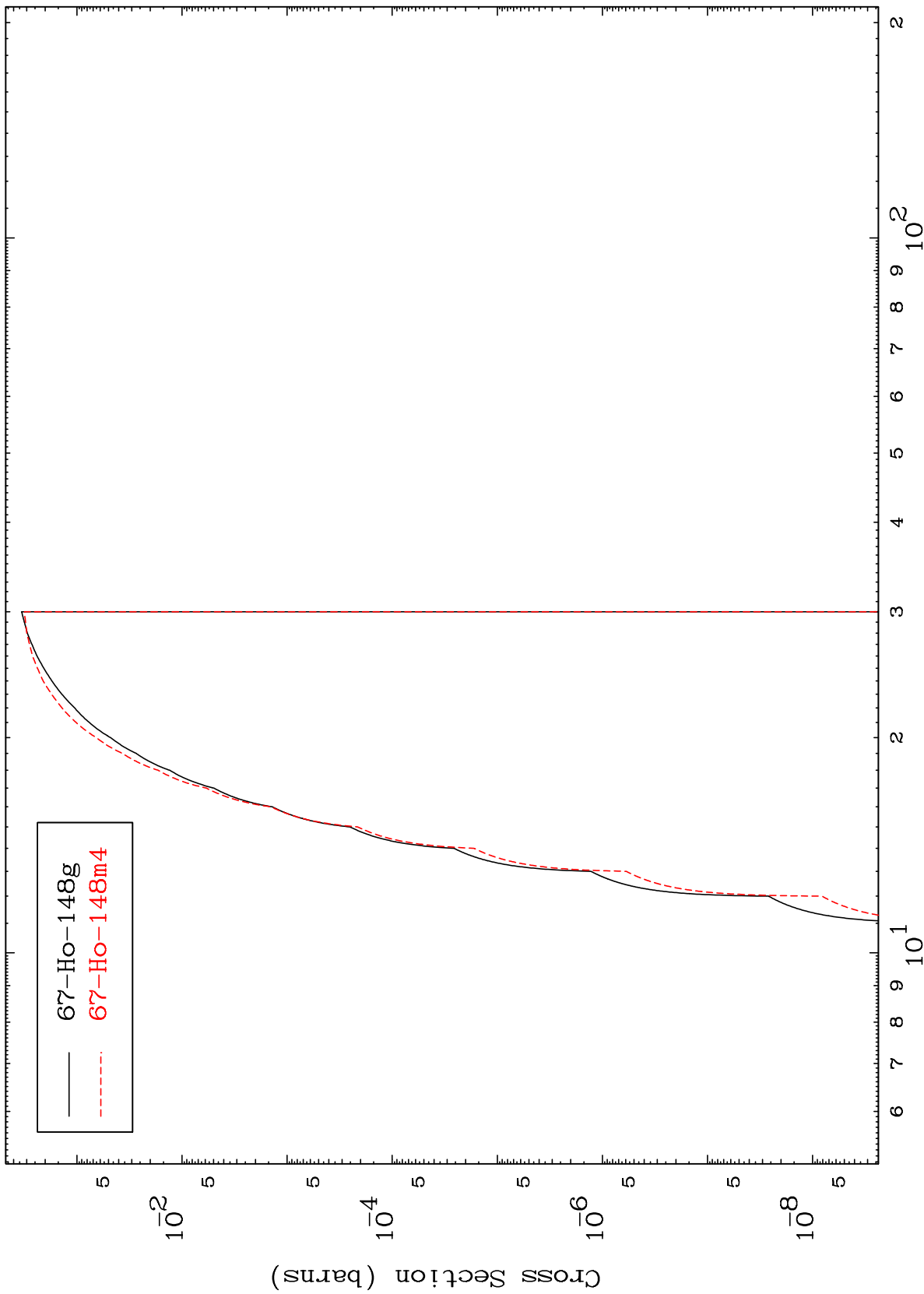
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,2n) p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

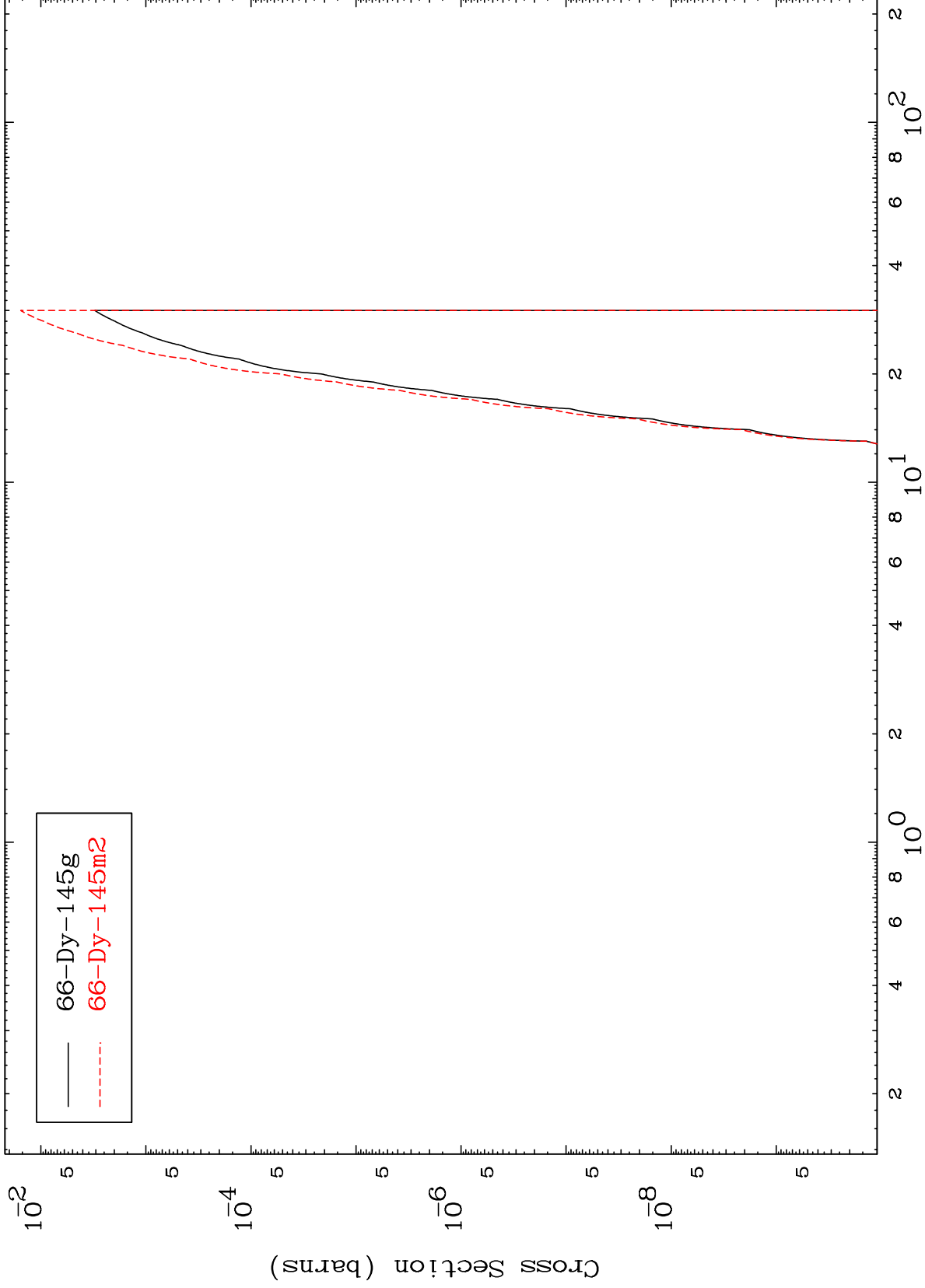
68-Er-149

MAT 6786

(n,n') p α

68-Er-149

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

18

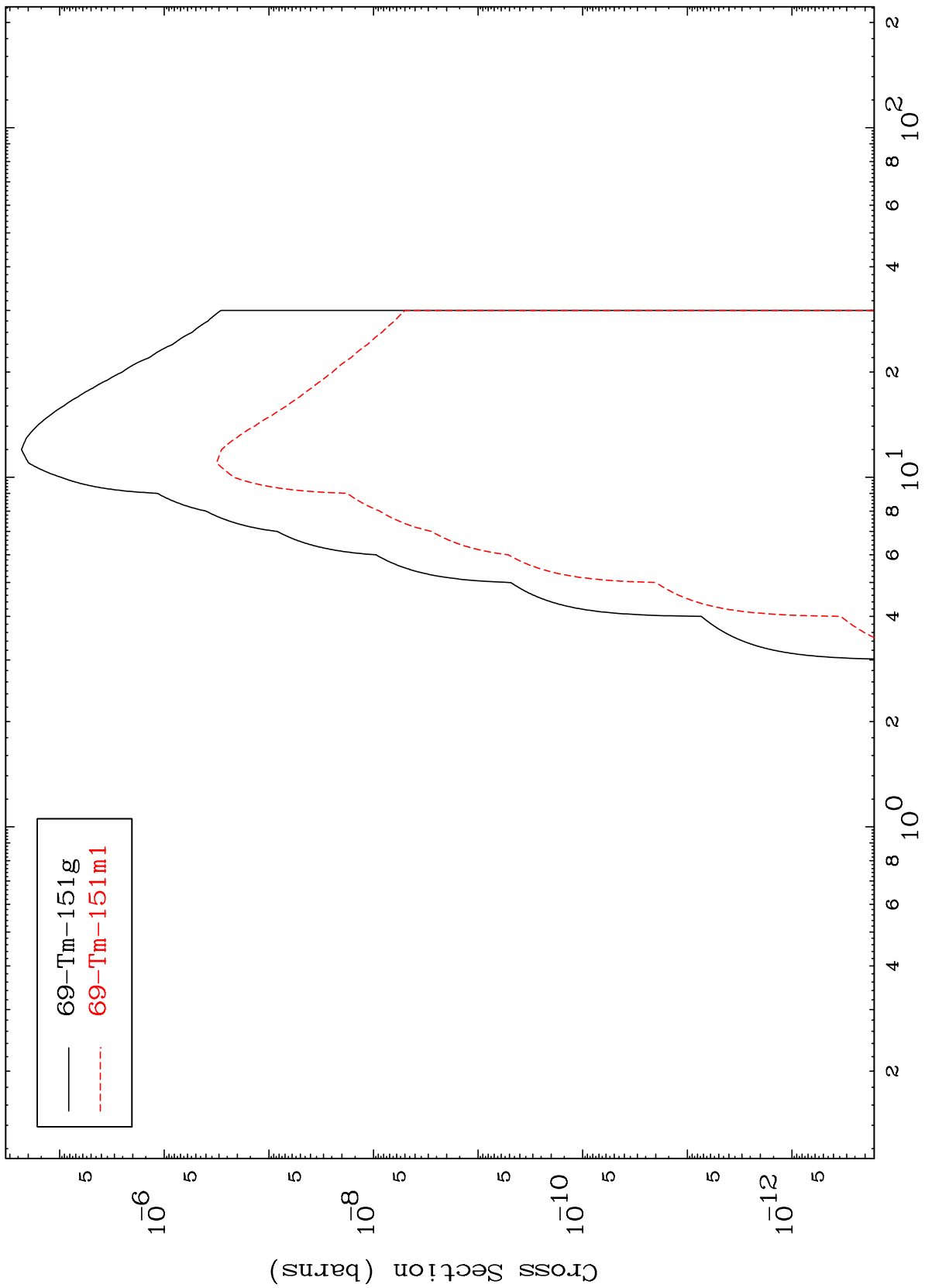
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n, γ)
Radionuclide Production Cross Section



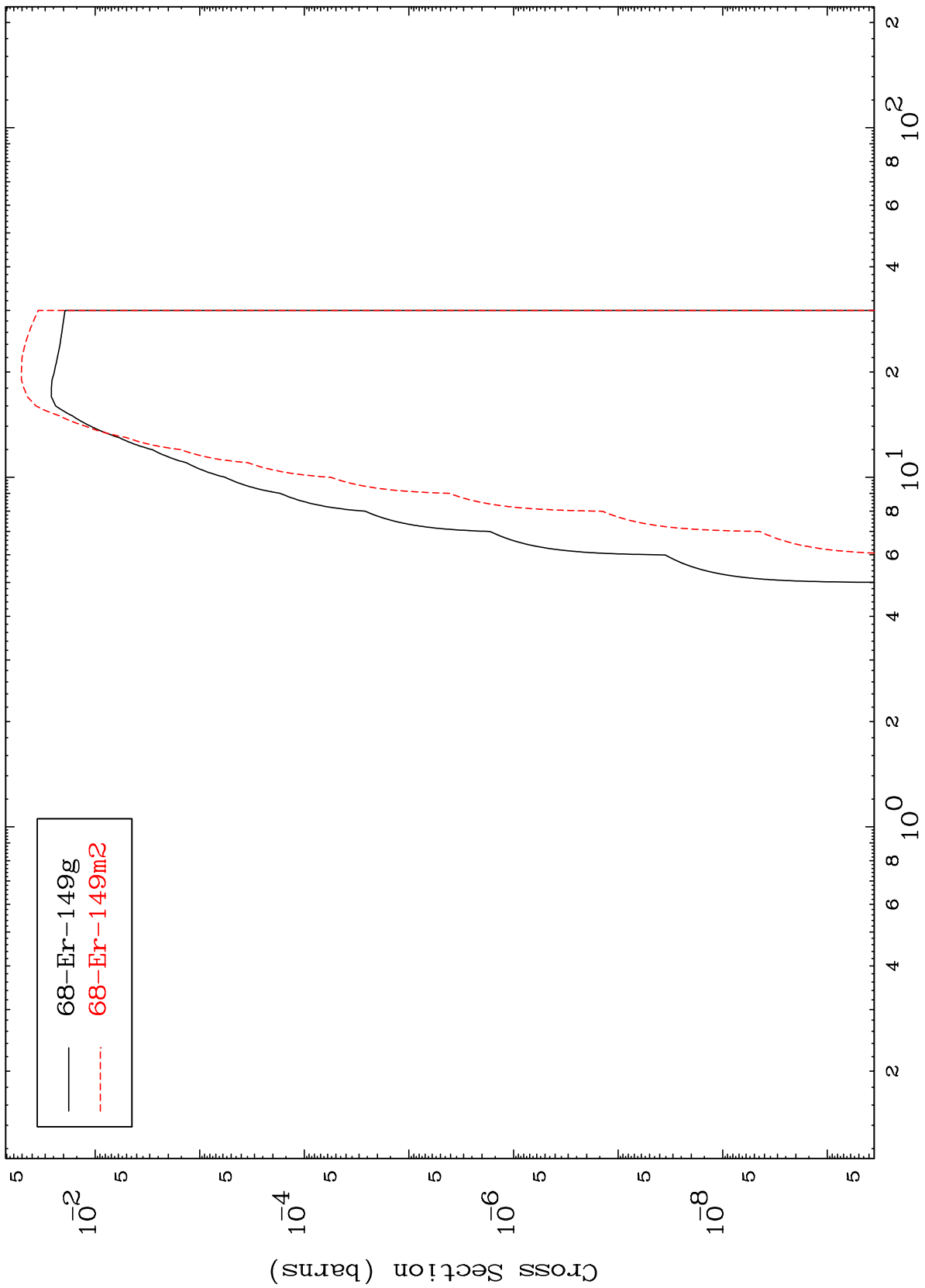
69-Tm-151g
69-Tm-151m1

MAT 6786

(n,d)

68-Er-149

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

20

Incident Energy (MeV)

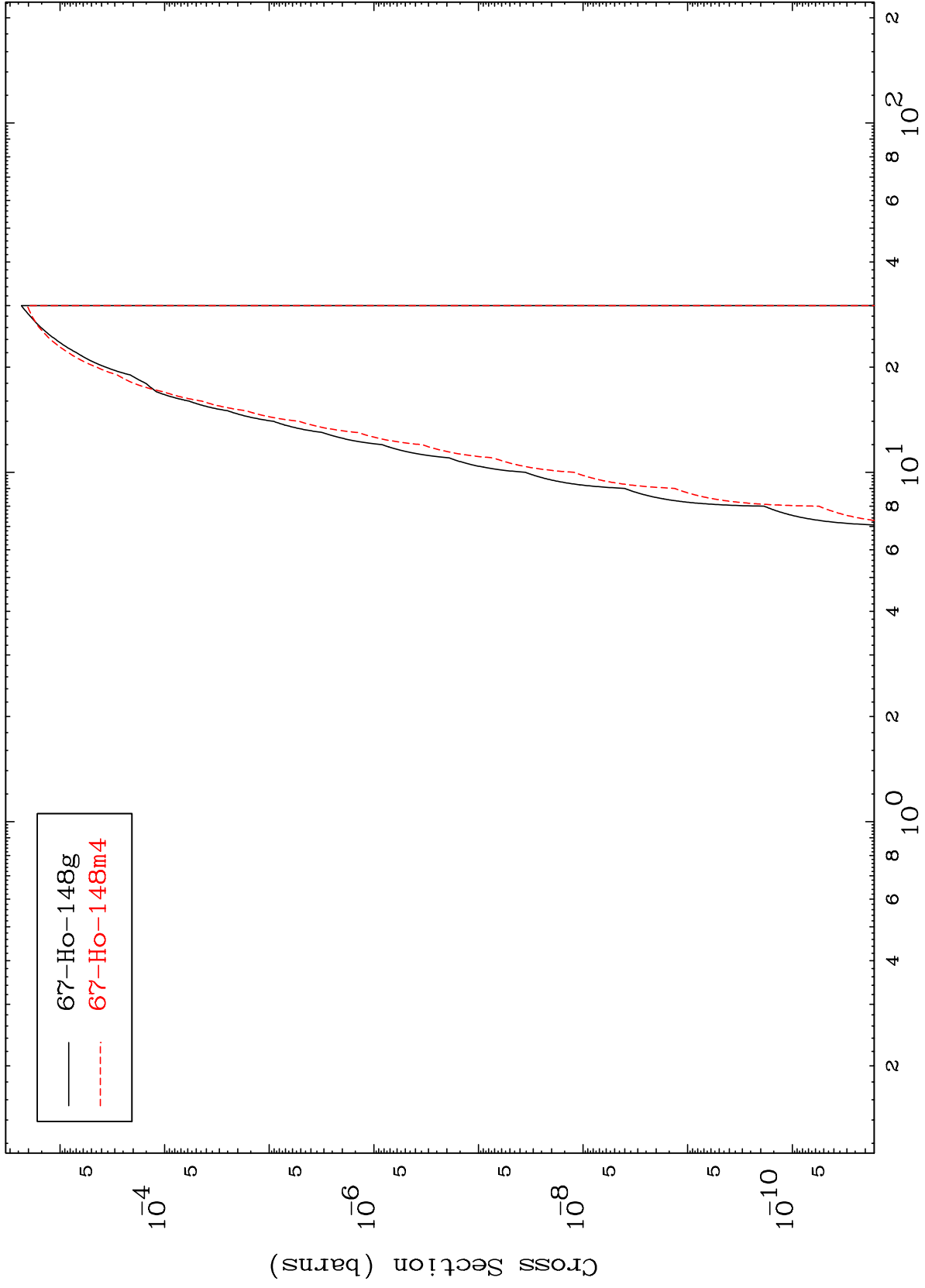
68-Er-149

MAT 6786

(n,He-3)

68-Er-149

Radionuclide Production Cross Section

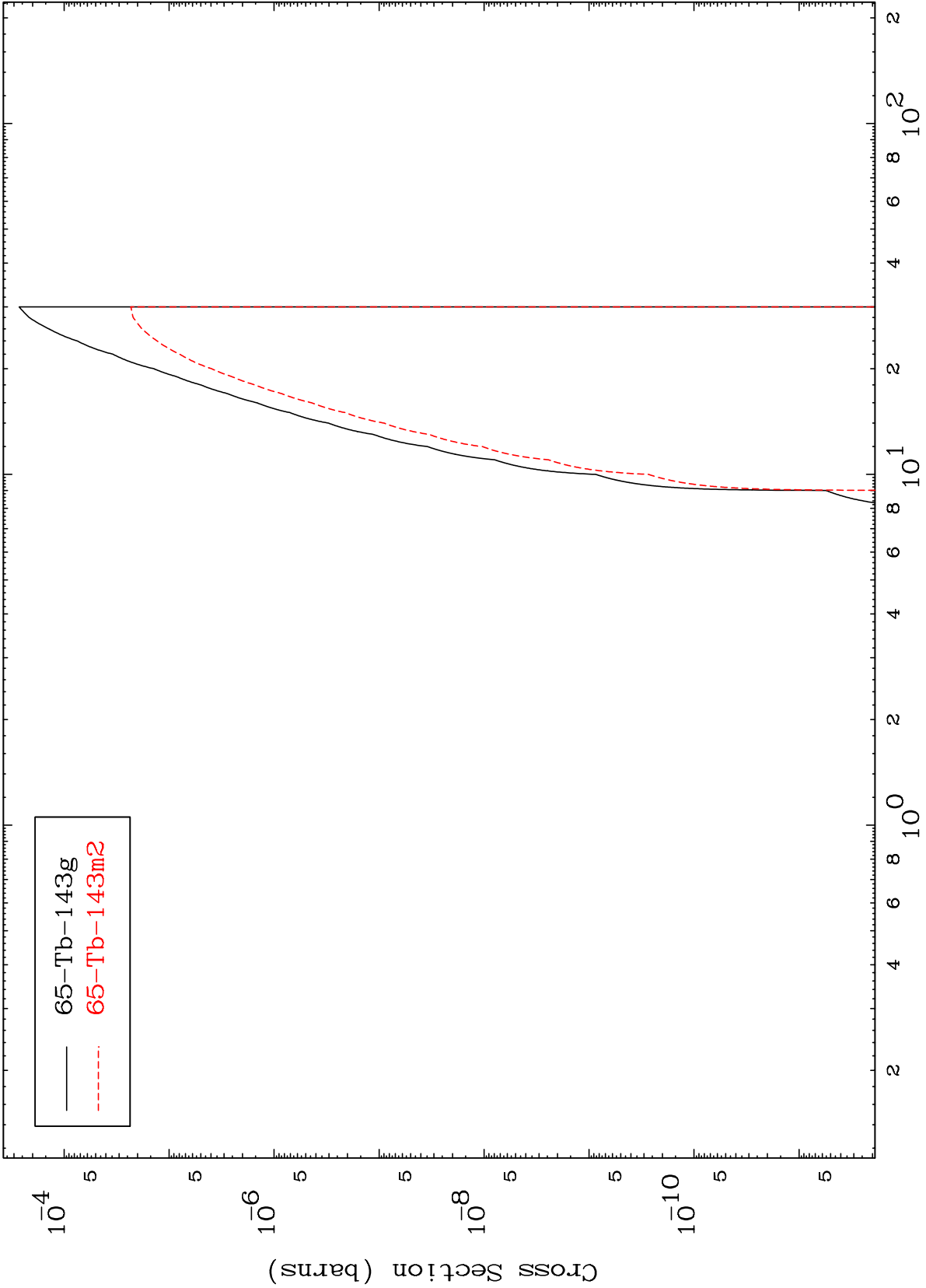


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(n,2α)

68-Er-149

Radionuclide Production Cross Section

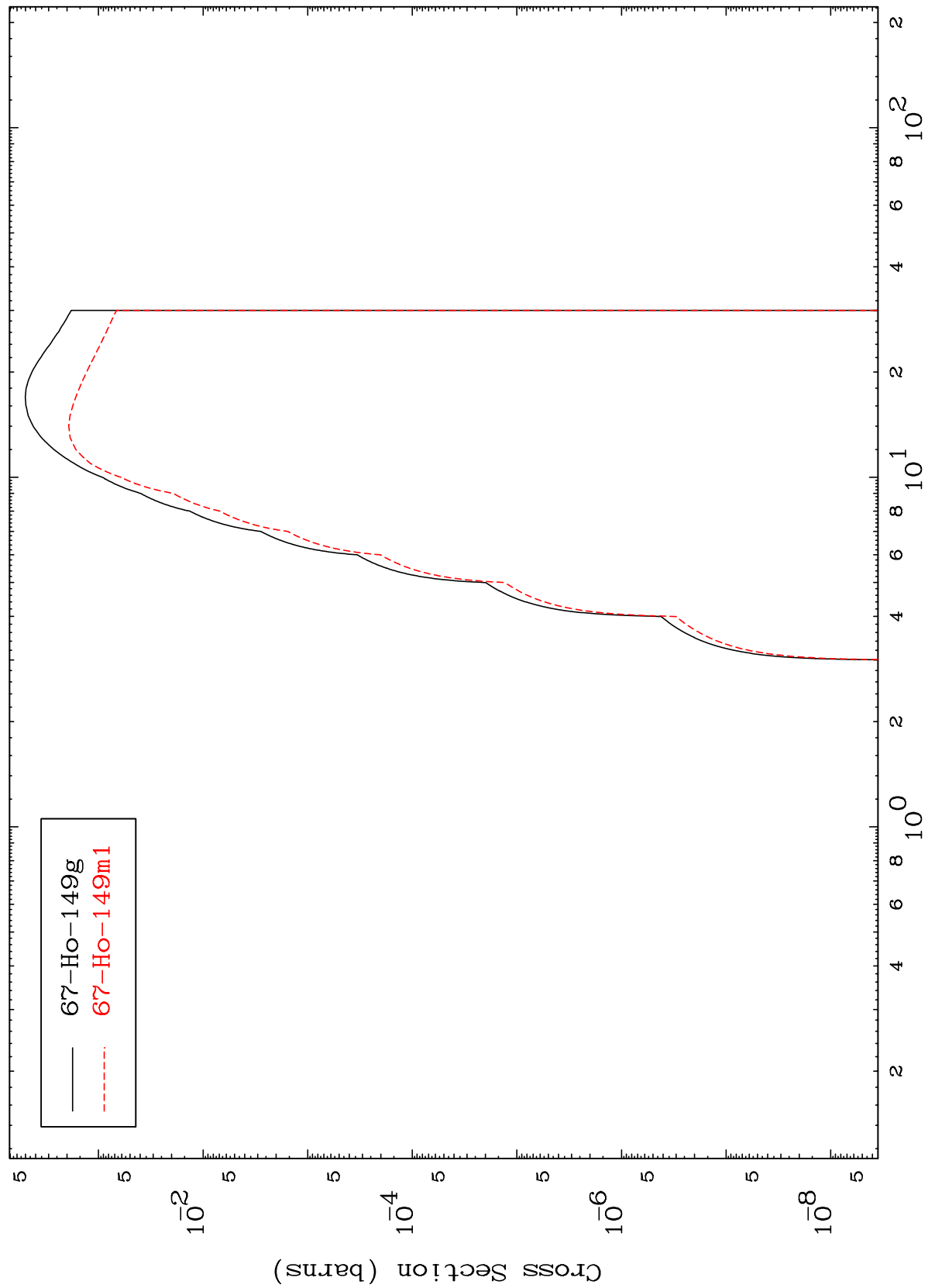


— 65-Tb-143g
- - - 65-Tb-143m2

MAT 6786

68-Er-149

(n,2p)
Radionuclide Production Cross Section



— 67-Ho-149g
- - - 67-Ho-149m1

68-Er-149

Incident Energy (MeV)

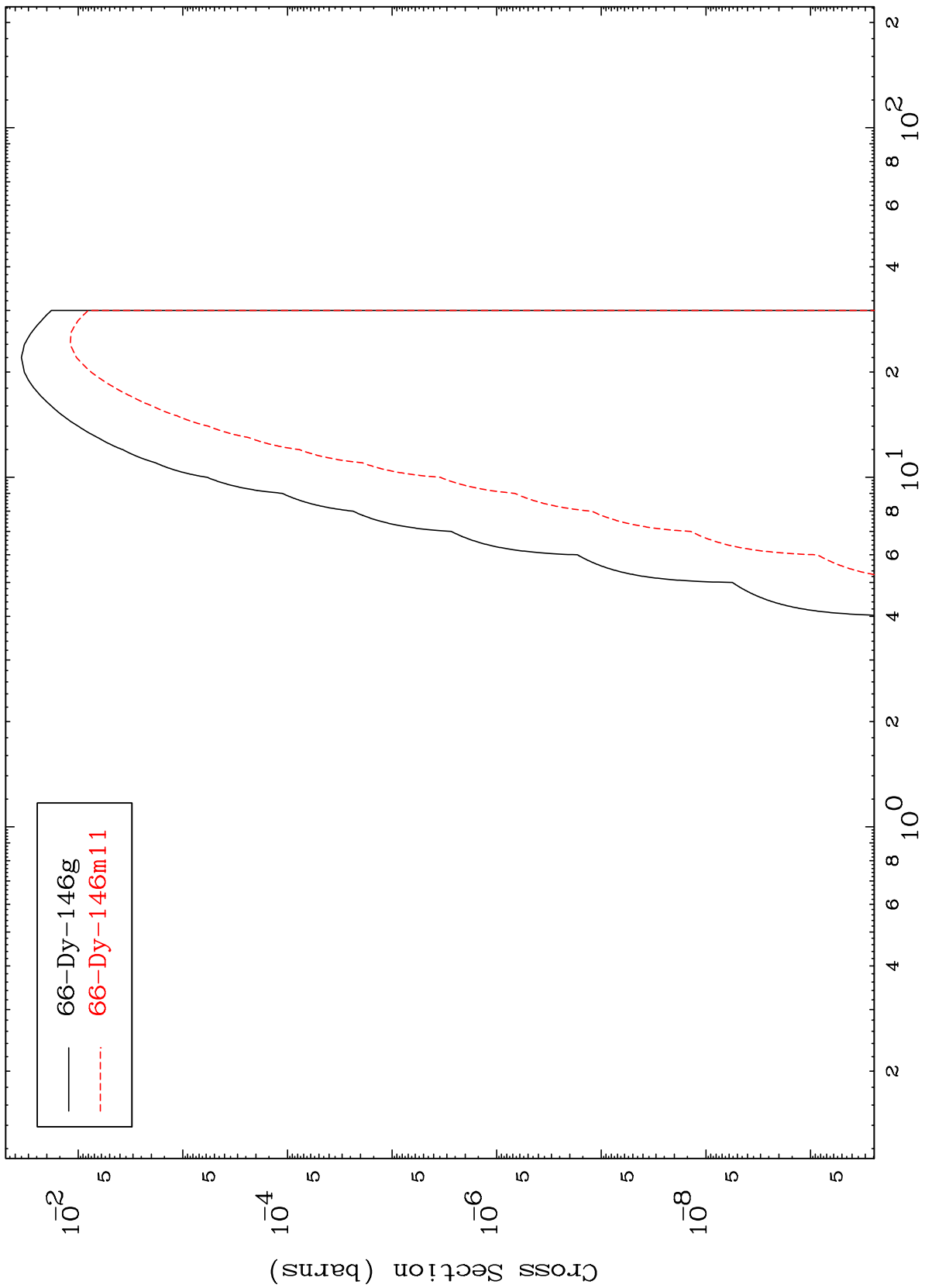
23

MAT 6786

(n,p) α

68-Er-149

Radionuclide Production Cross Section



24

Incident Energy (MeV)

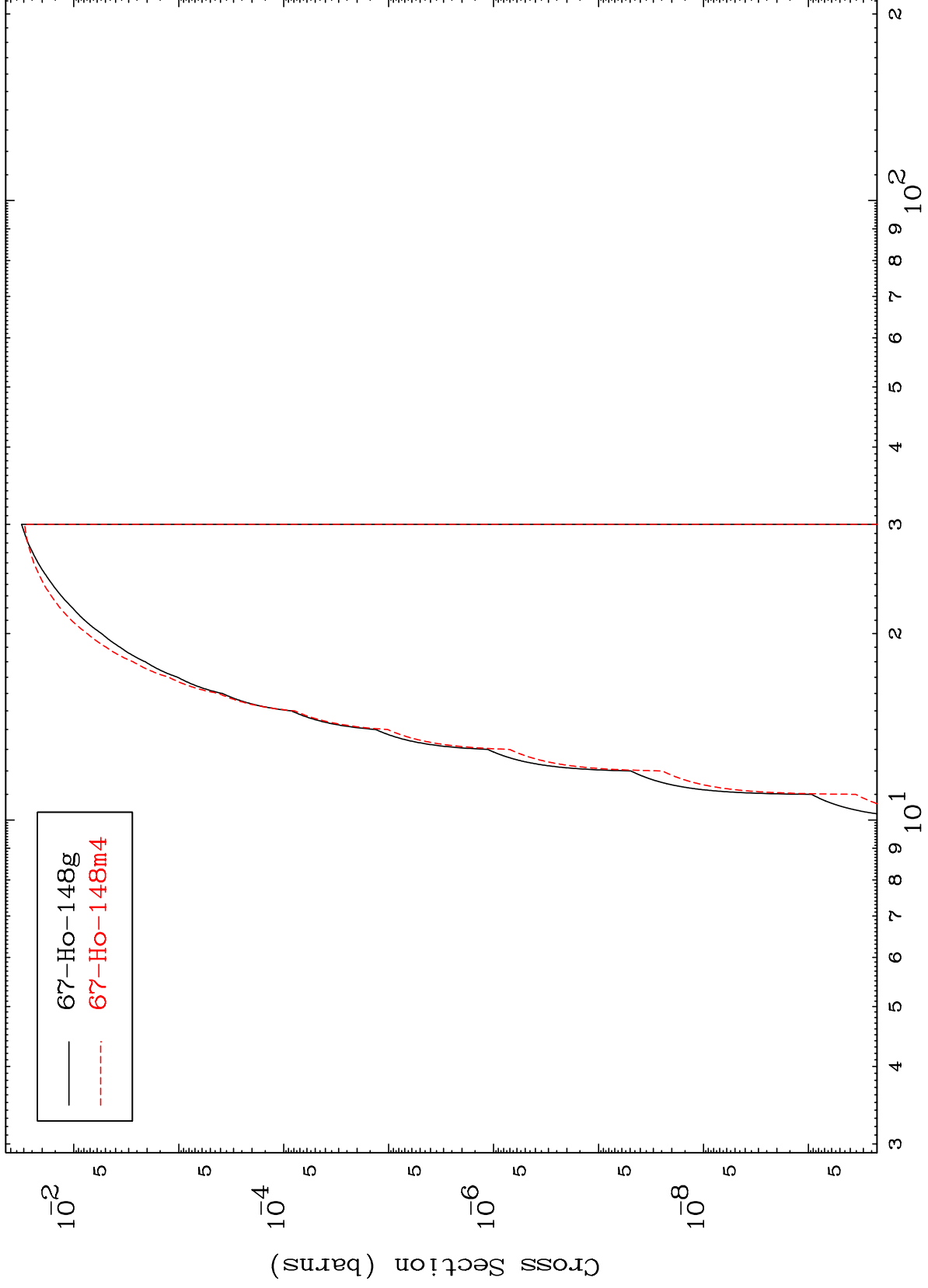
68-Er-149

MAT 6786

(n,p) d

68-Er-149

Radionuclide Production Cross Section



25

Incident Energy (MeV)

68-Er-149

MAT 6786

(n,d) α

68-Er-149

