

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

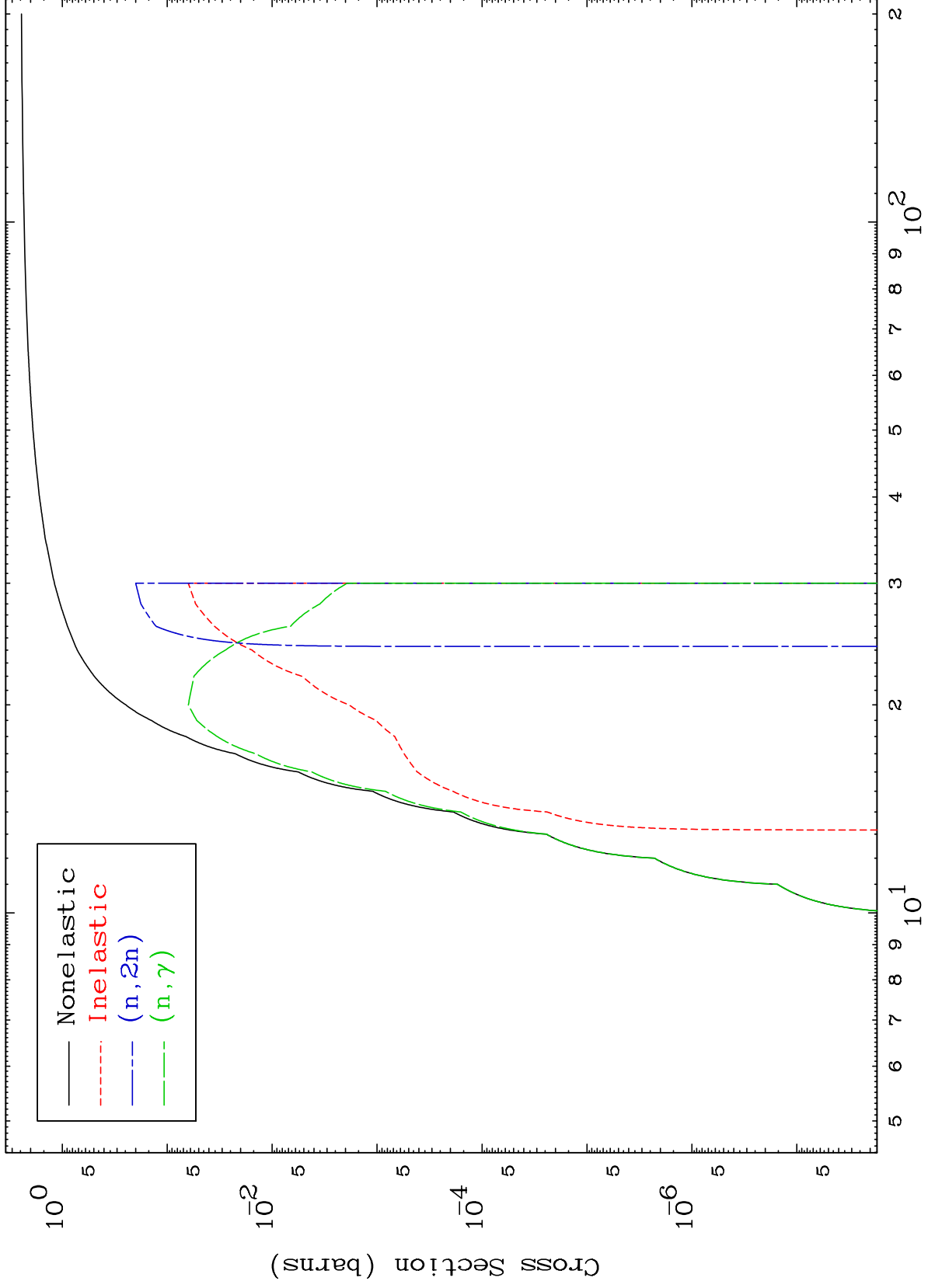
Press Mouse Button to Start

MAT 6798

0 Kelvin Cross Sections

α Major

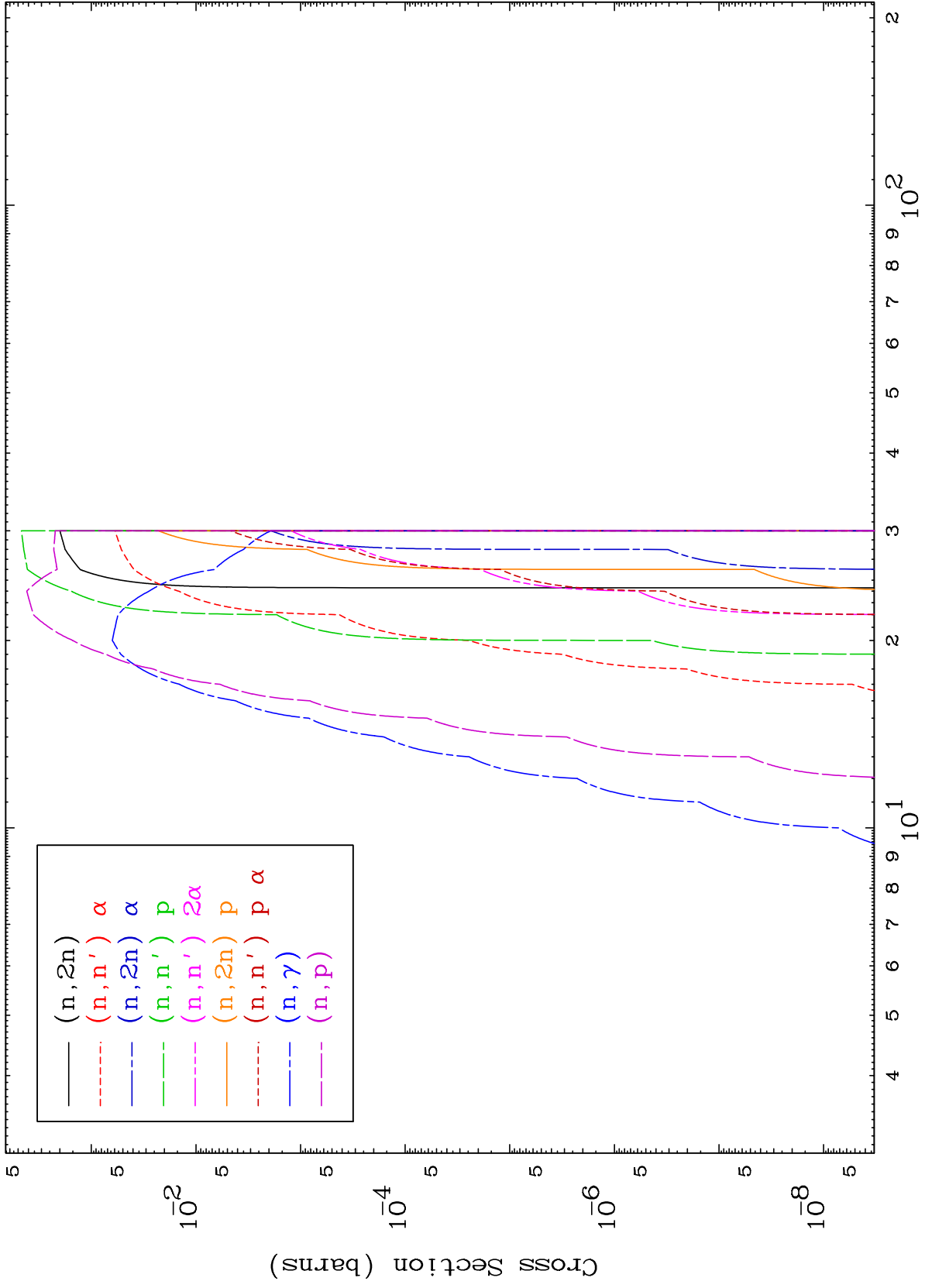
68-Er-153

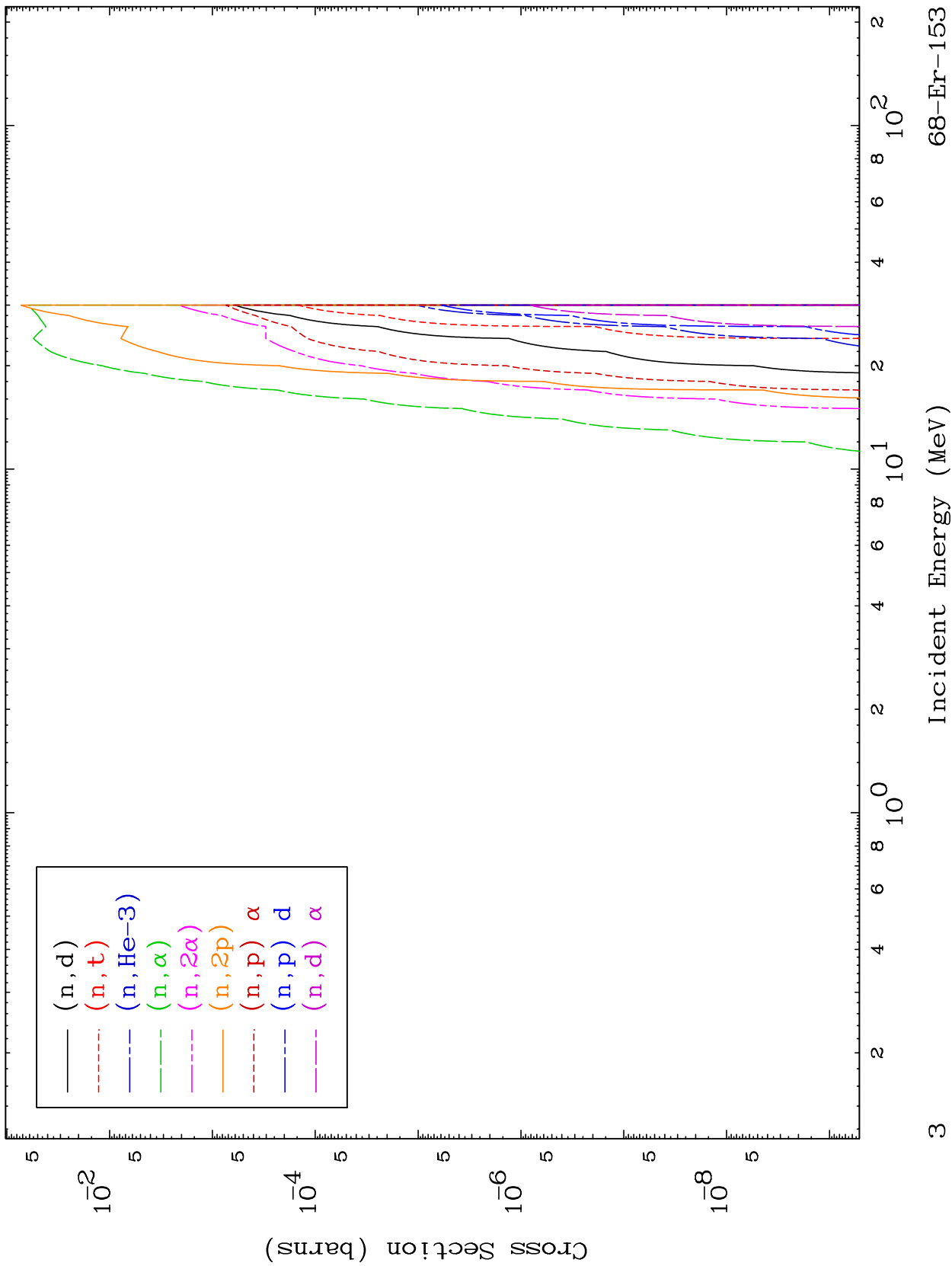


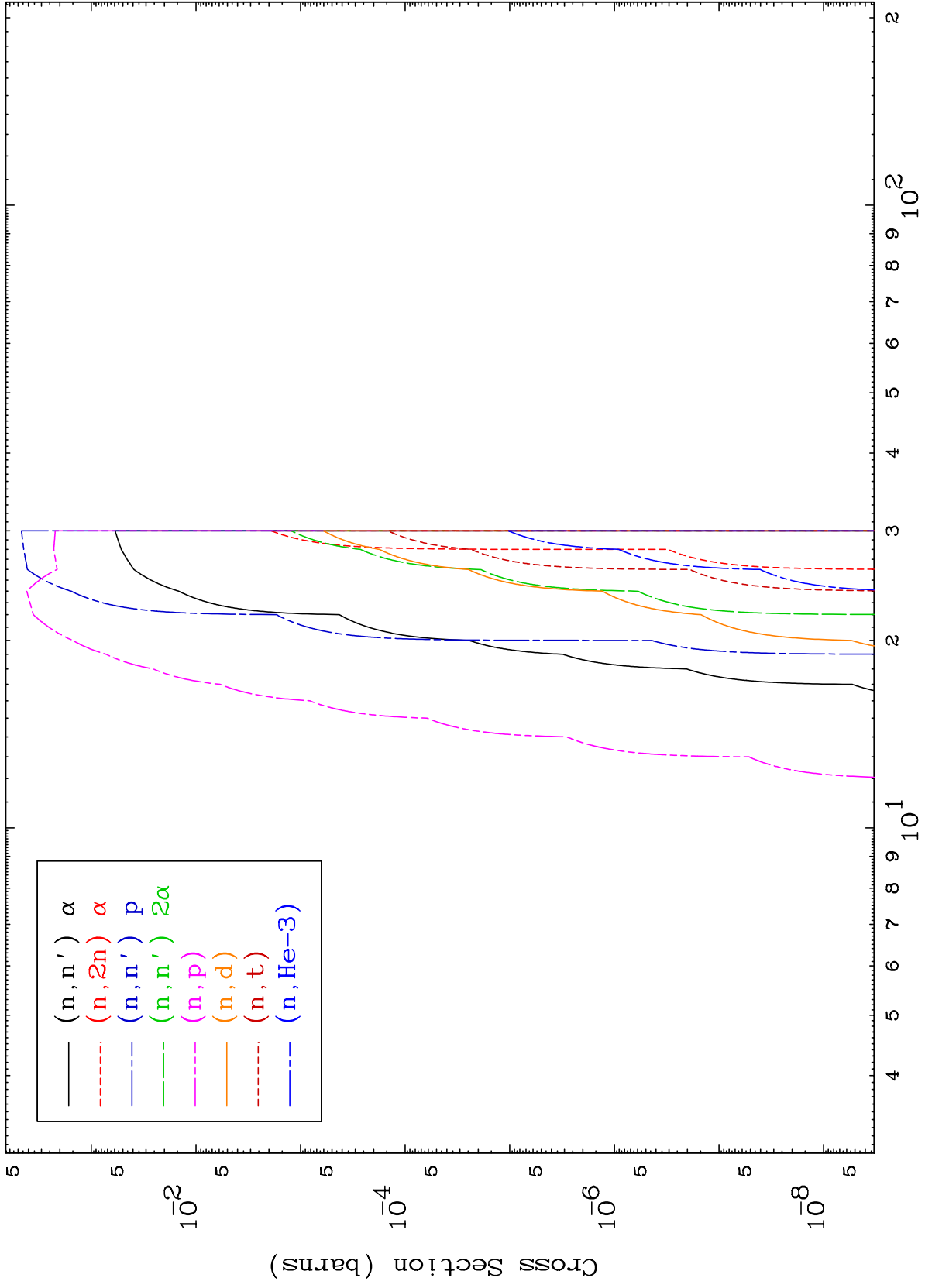
1

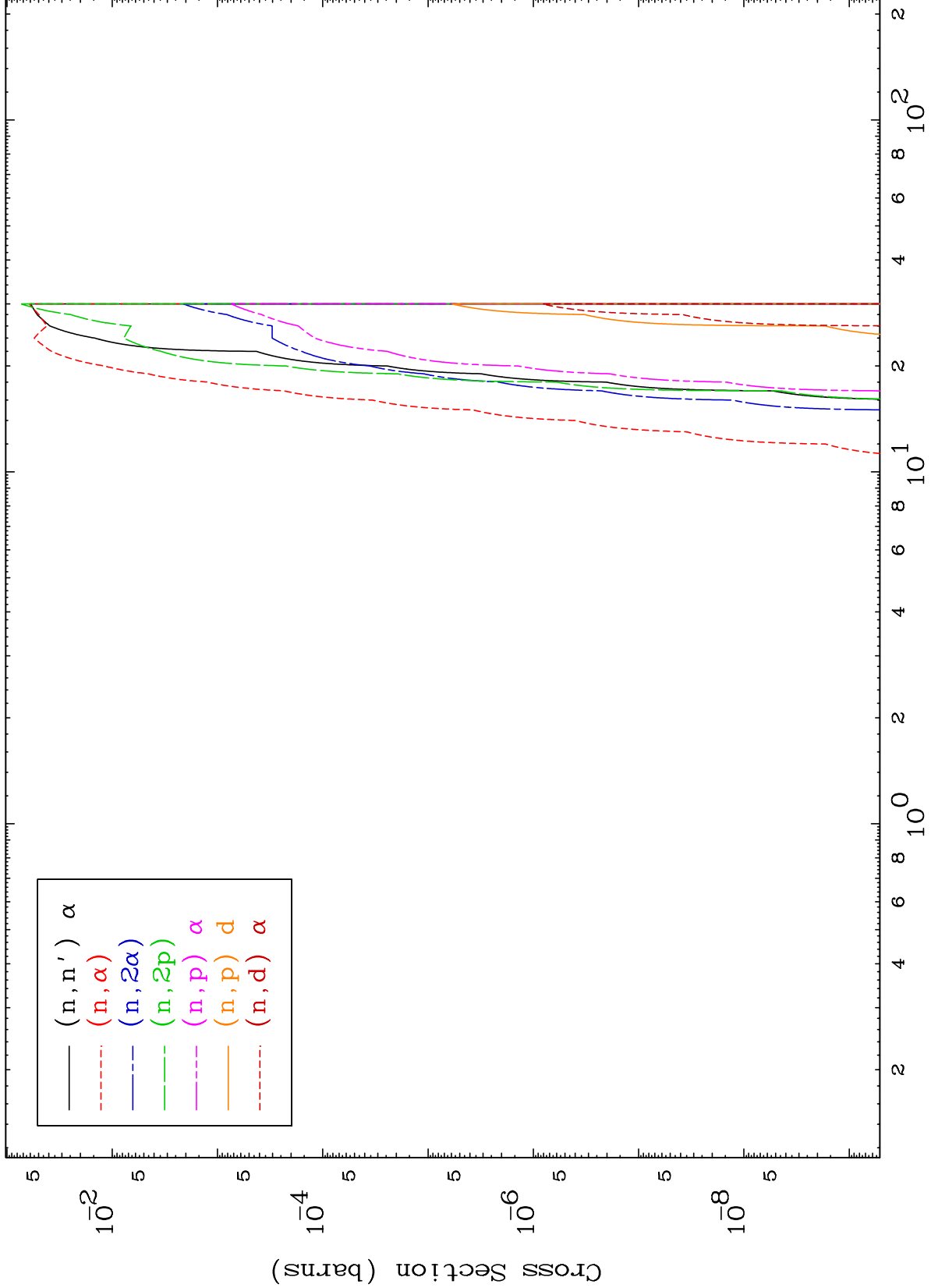
Incident Energy (MeV)

68-Er-153





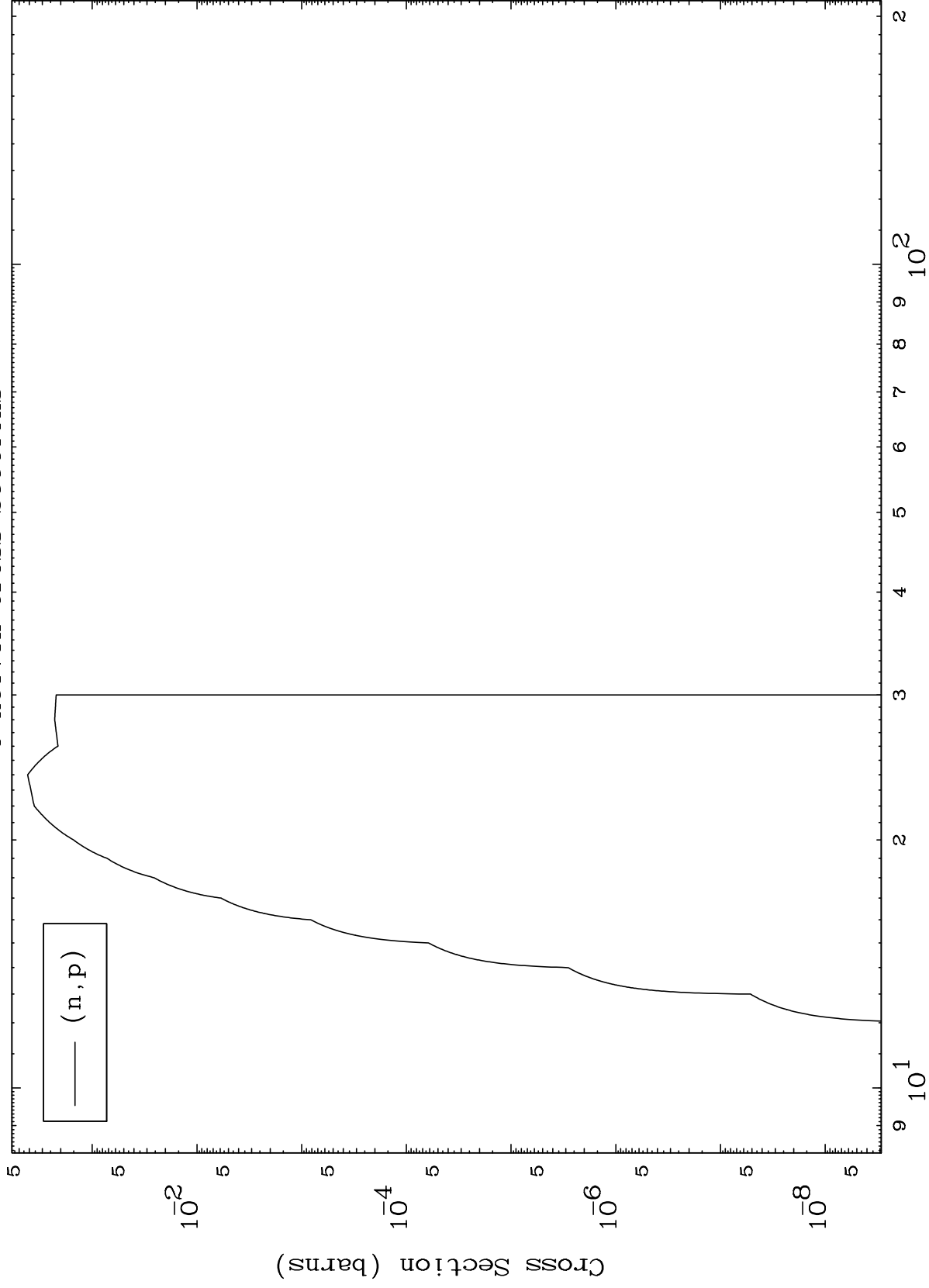




MAT 6798

(α, p) Levels
0 Kelvin Cross Sections

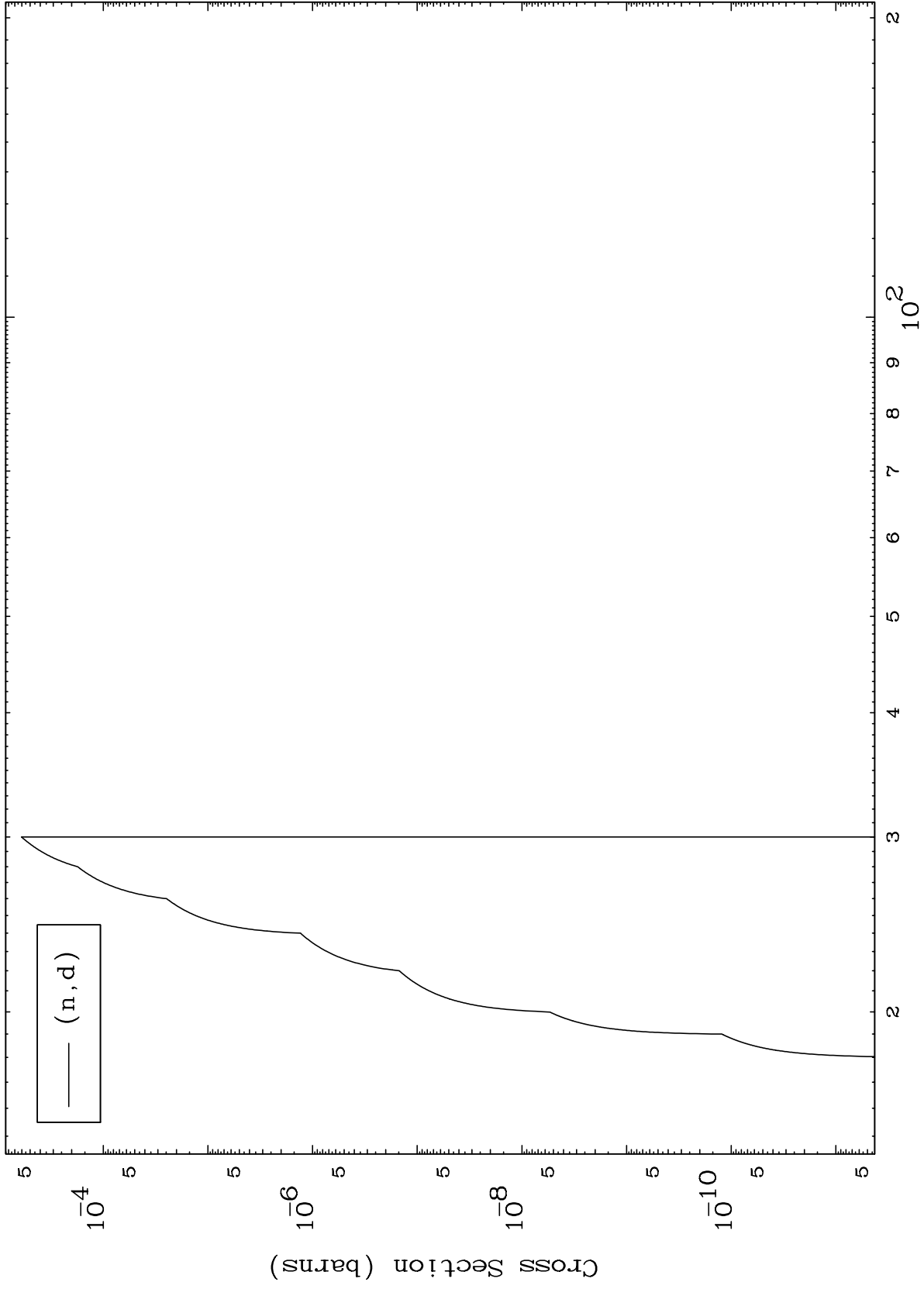
68-Er-153

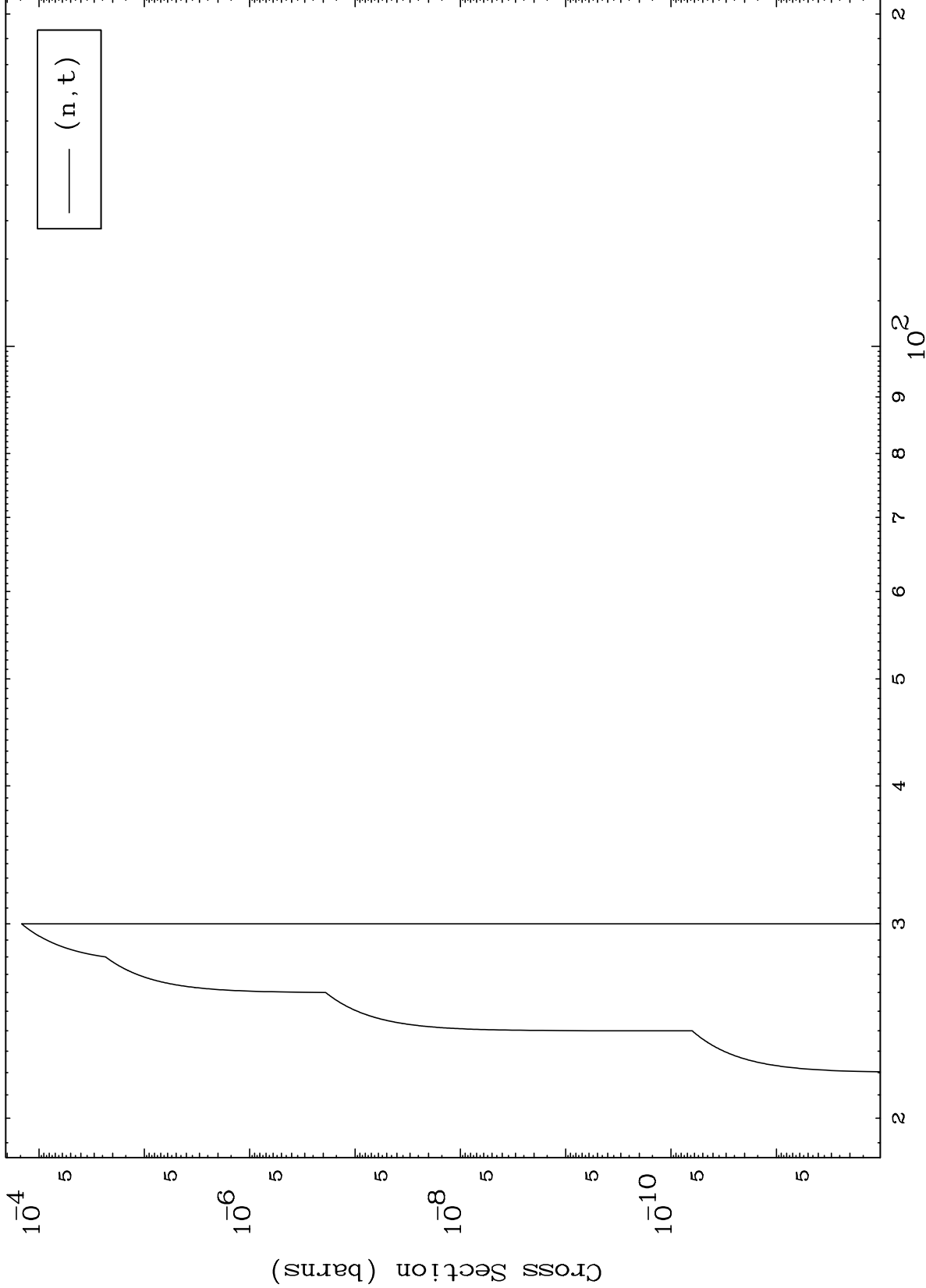


Incident Energy (MeV)

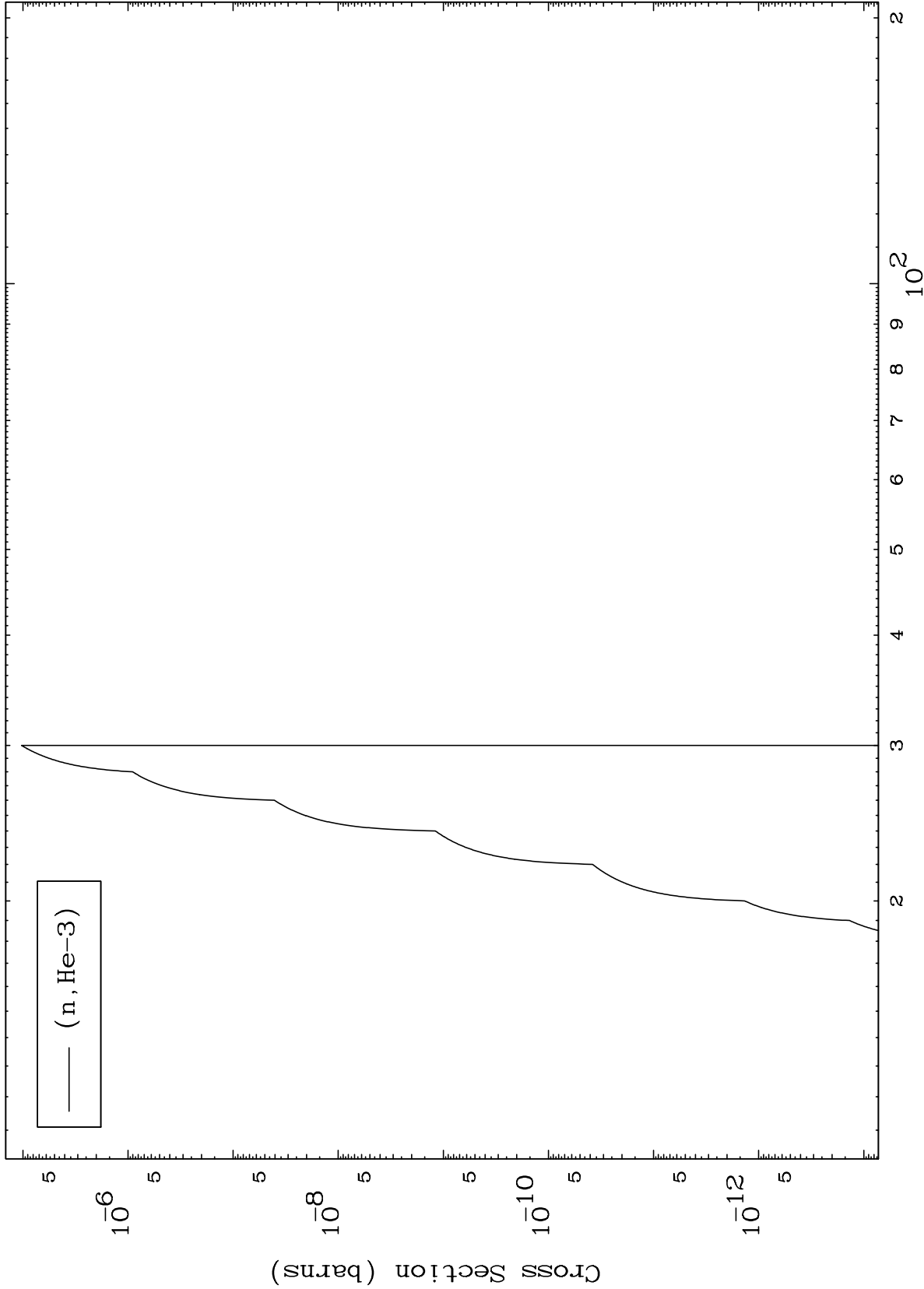
68-Er-153

6





($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

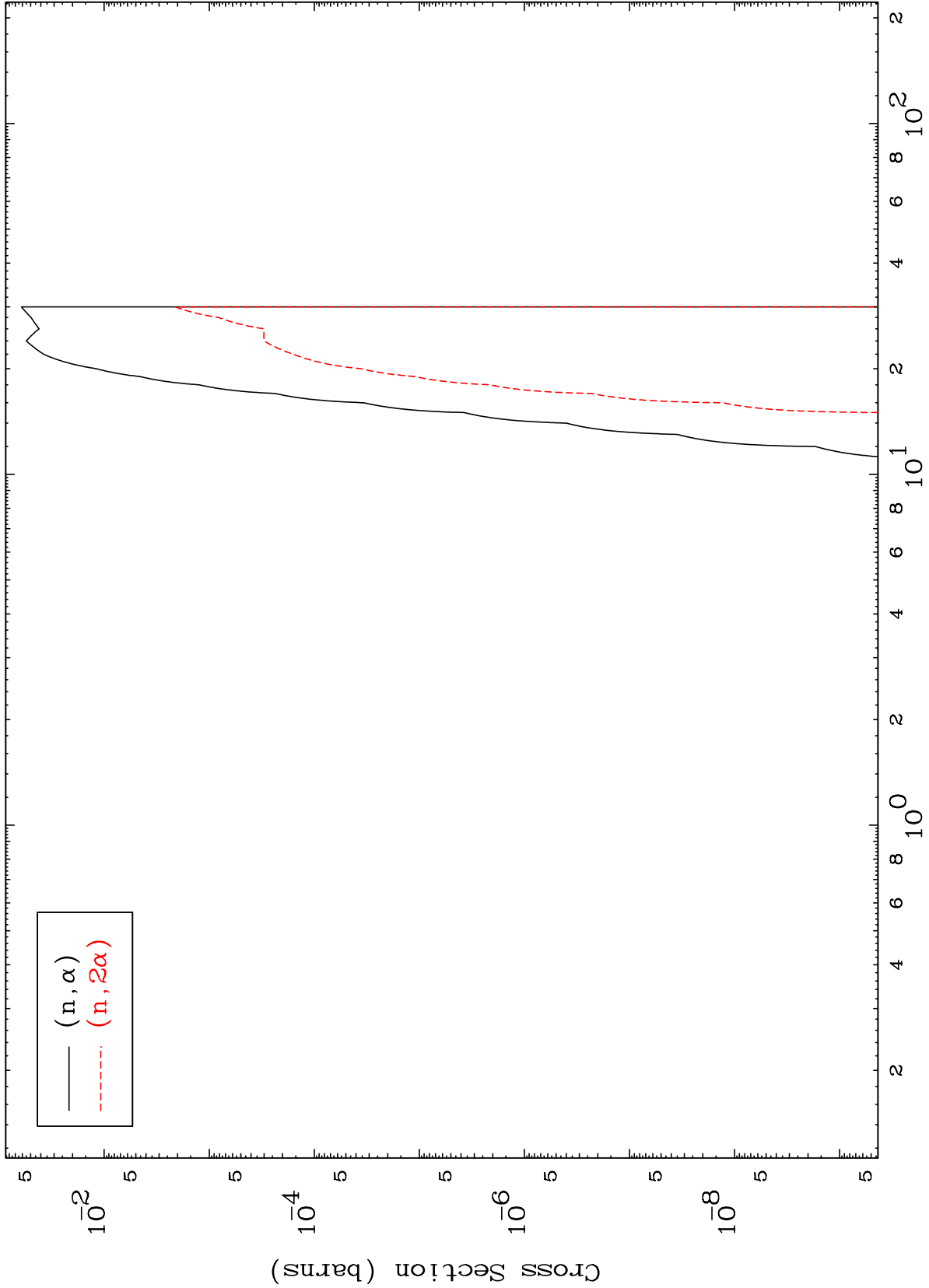


MAT 6798

(α, α) Levels

68-Er-153

0 Kelvin Cross Sections



10

Incident Energy (MeV)

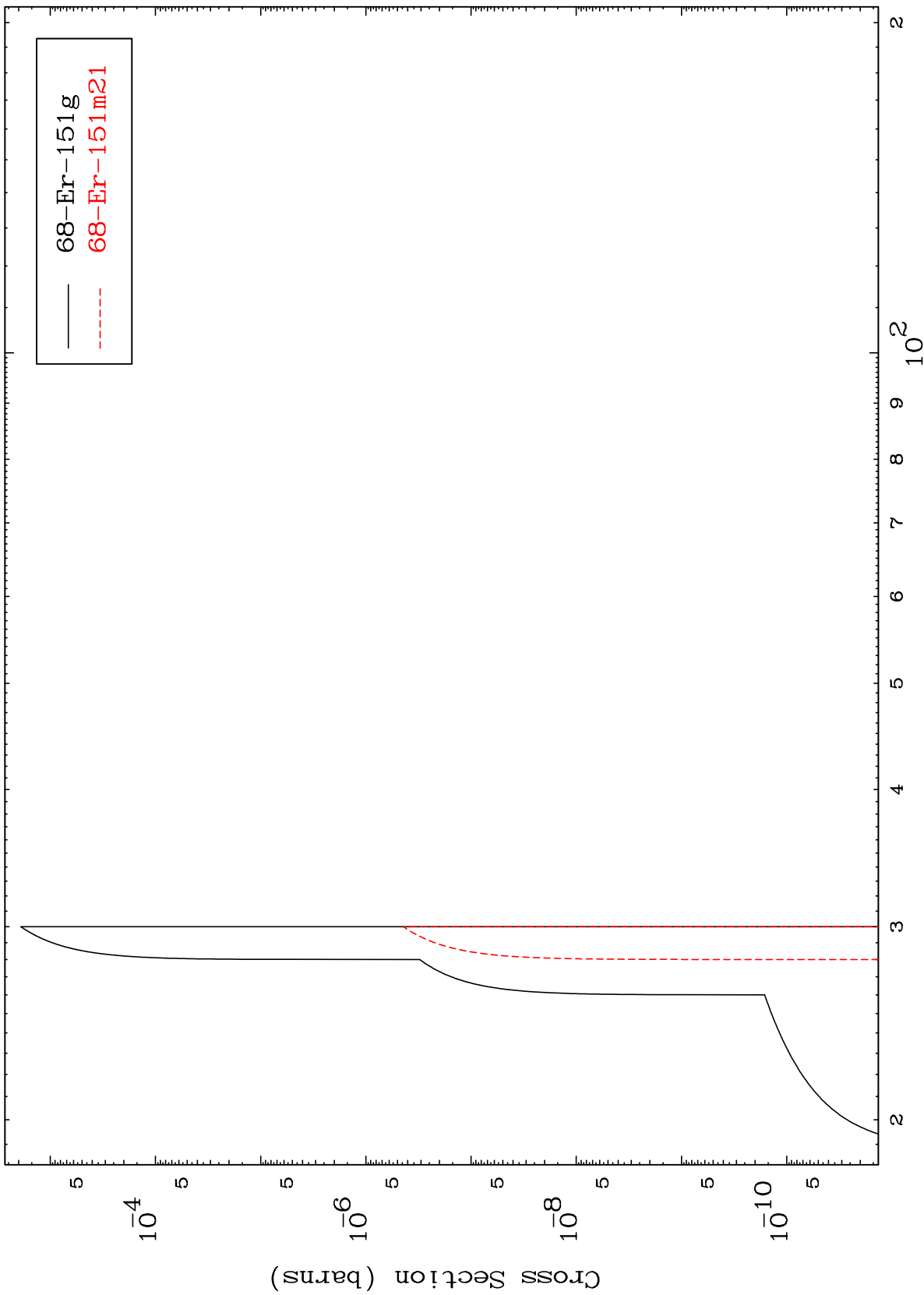
68-Er-153

MAT 6798

$(n,2n) \alpha$

68-Er-153

Radionuclide Production Cross Section



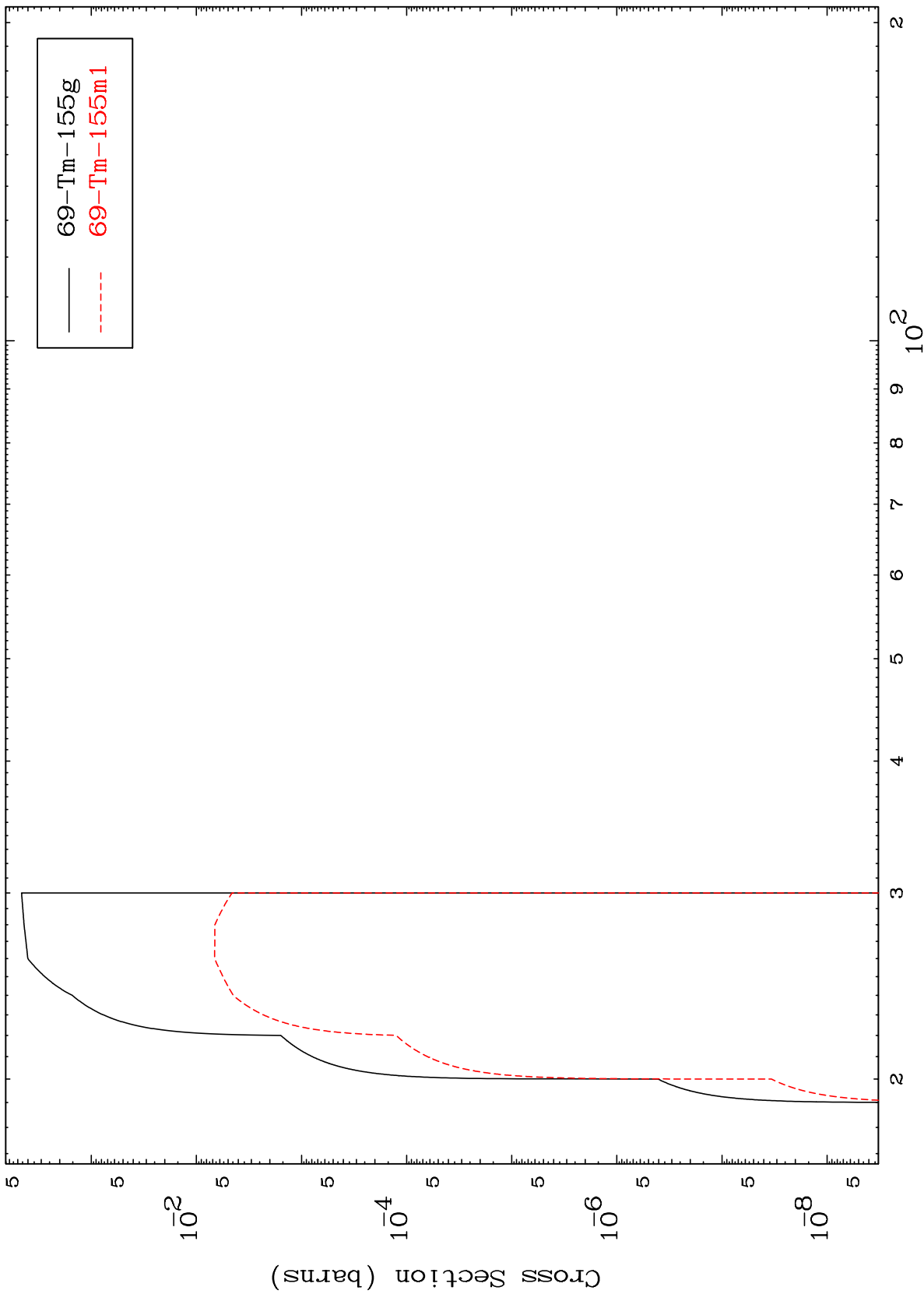
68-Er-151g
68-Er-151m21

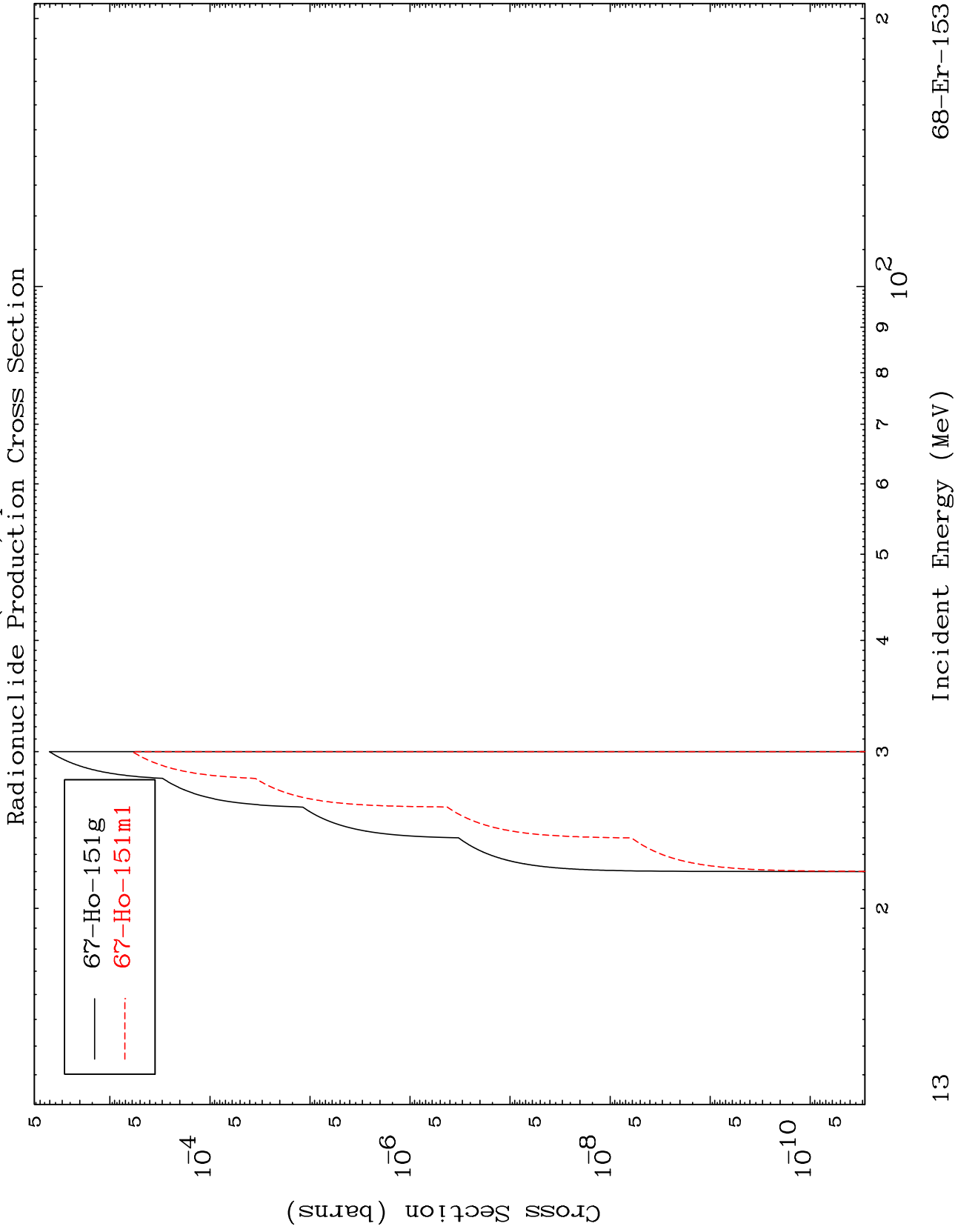
11

Incident Energy (MeV)

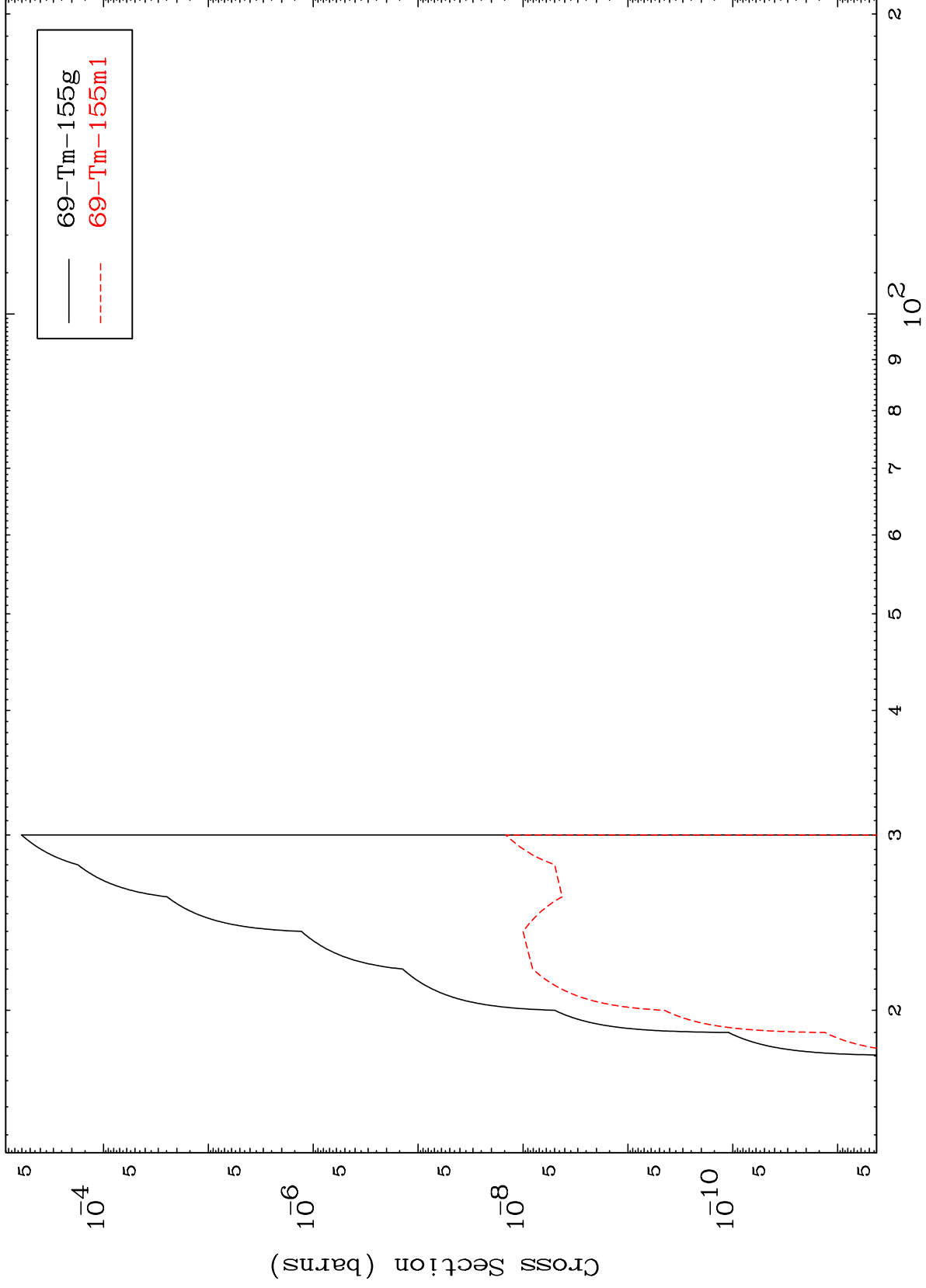
68-Er-153

Radionuclide Production Cross Section





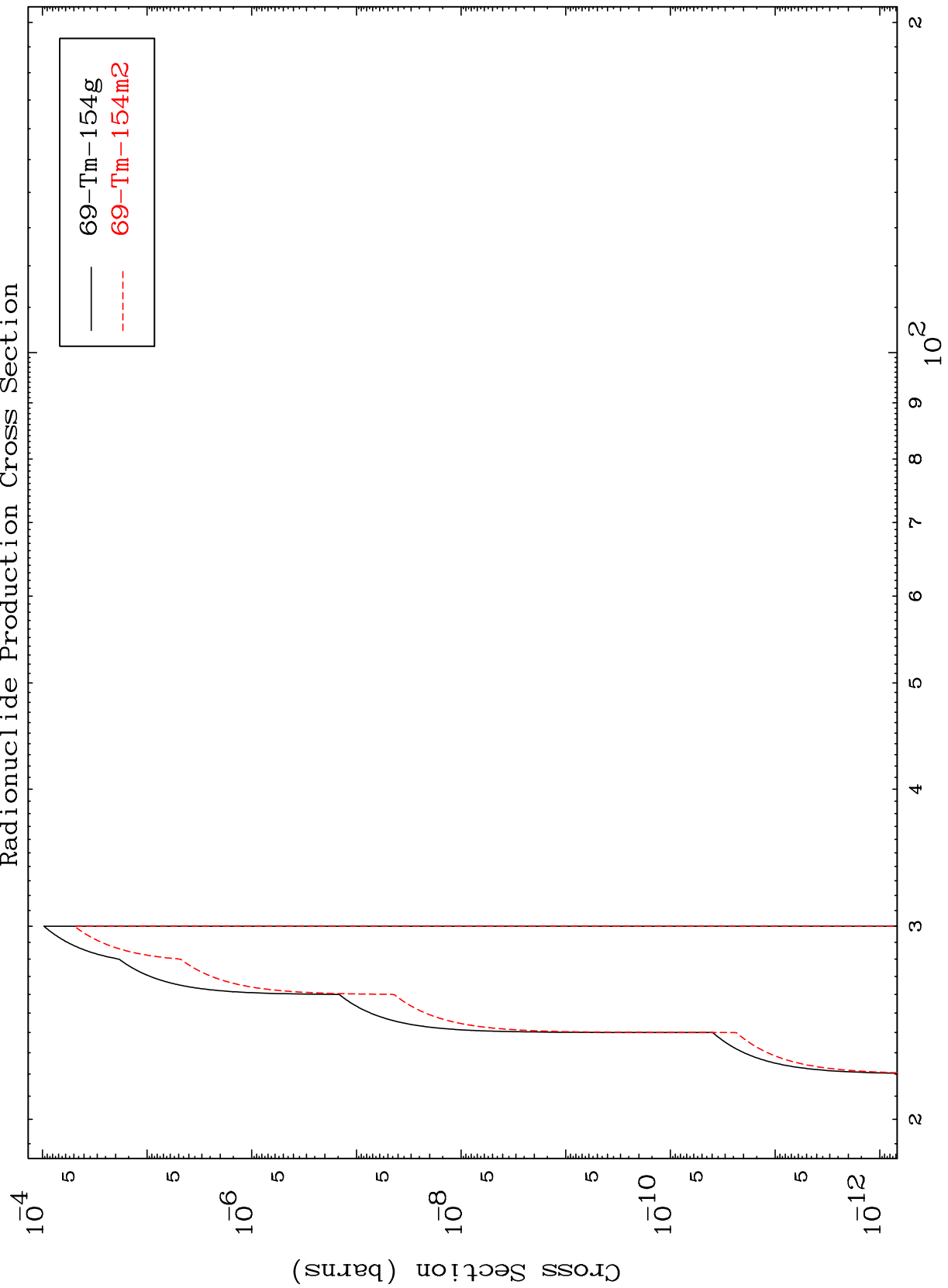
(n,d)
Radionuclide Production Cross Section



MAT 6798

68-Er-153

(n, t)
Radionuclide Production Cross Section



68-Er-153

Incident Energy (MeV)

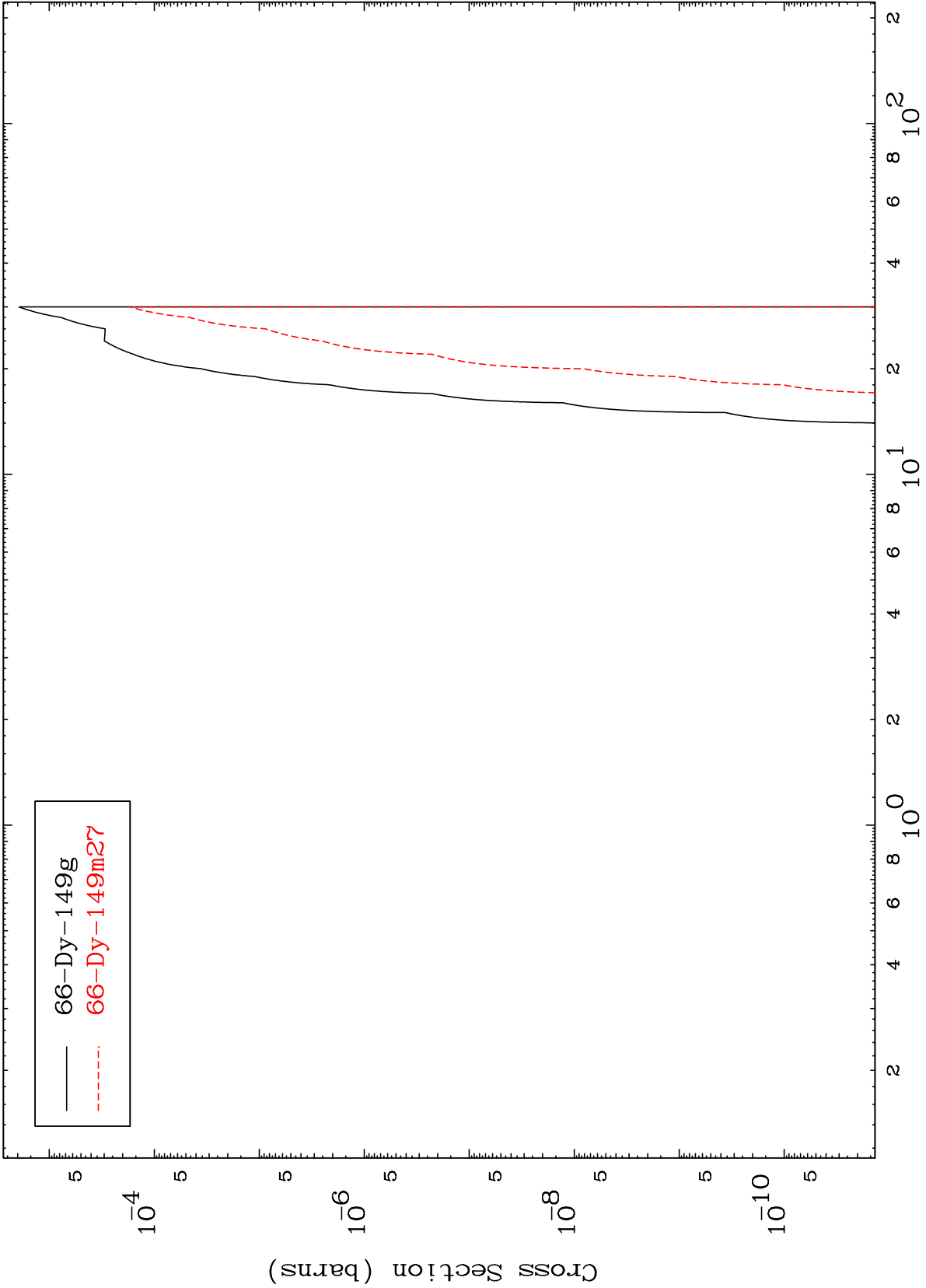
15

MAT 6798

(n,2α)

68-Er-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

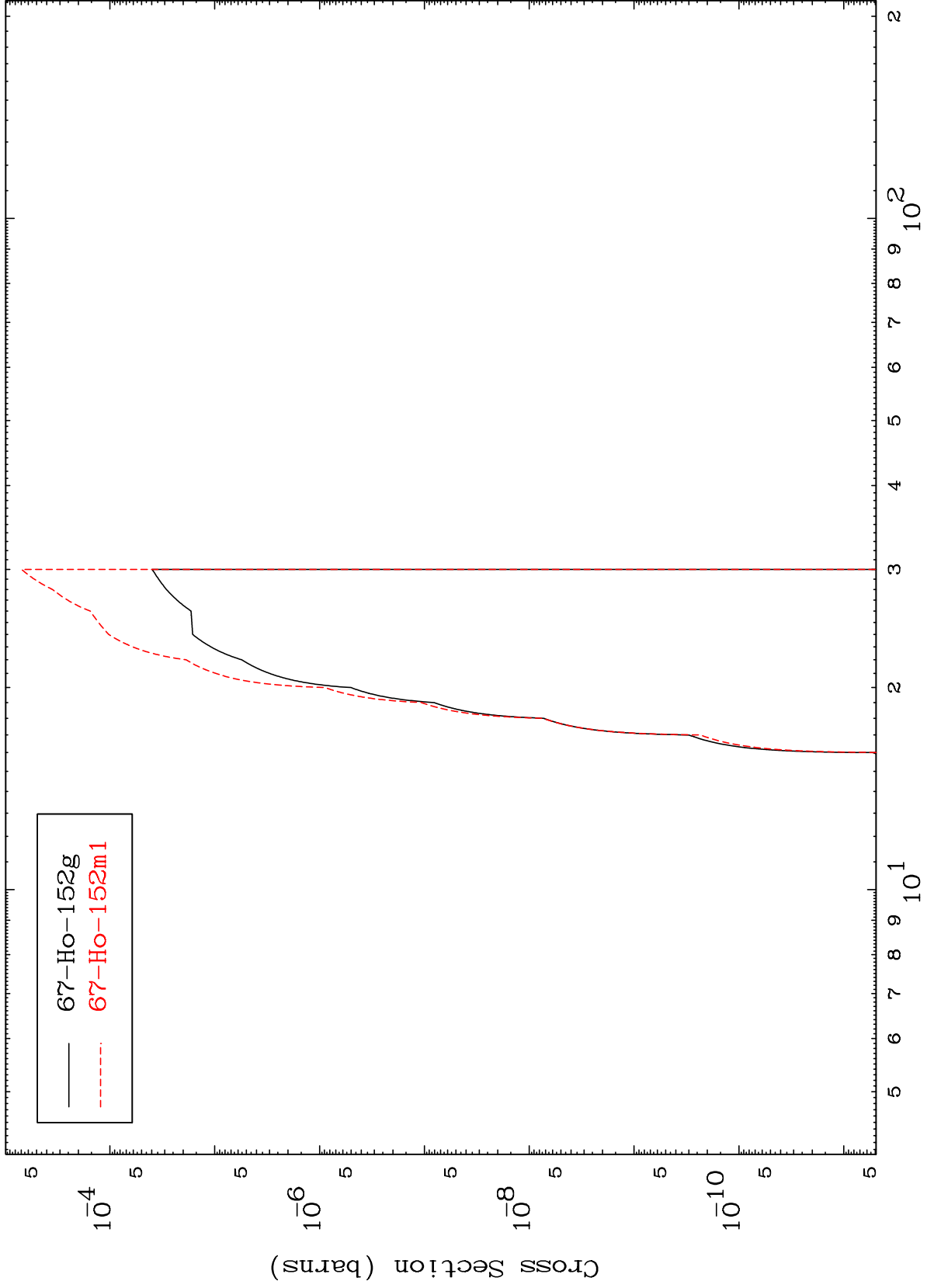
68-Er-153

MAT 6798

(n,p) α

68-Er-153

Radionuclide Production Cross Section



17

Incident Energy (MeV)

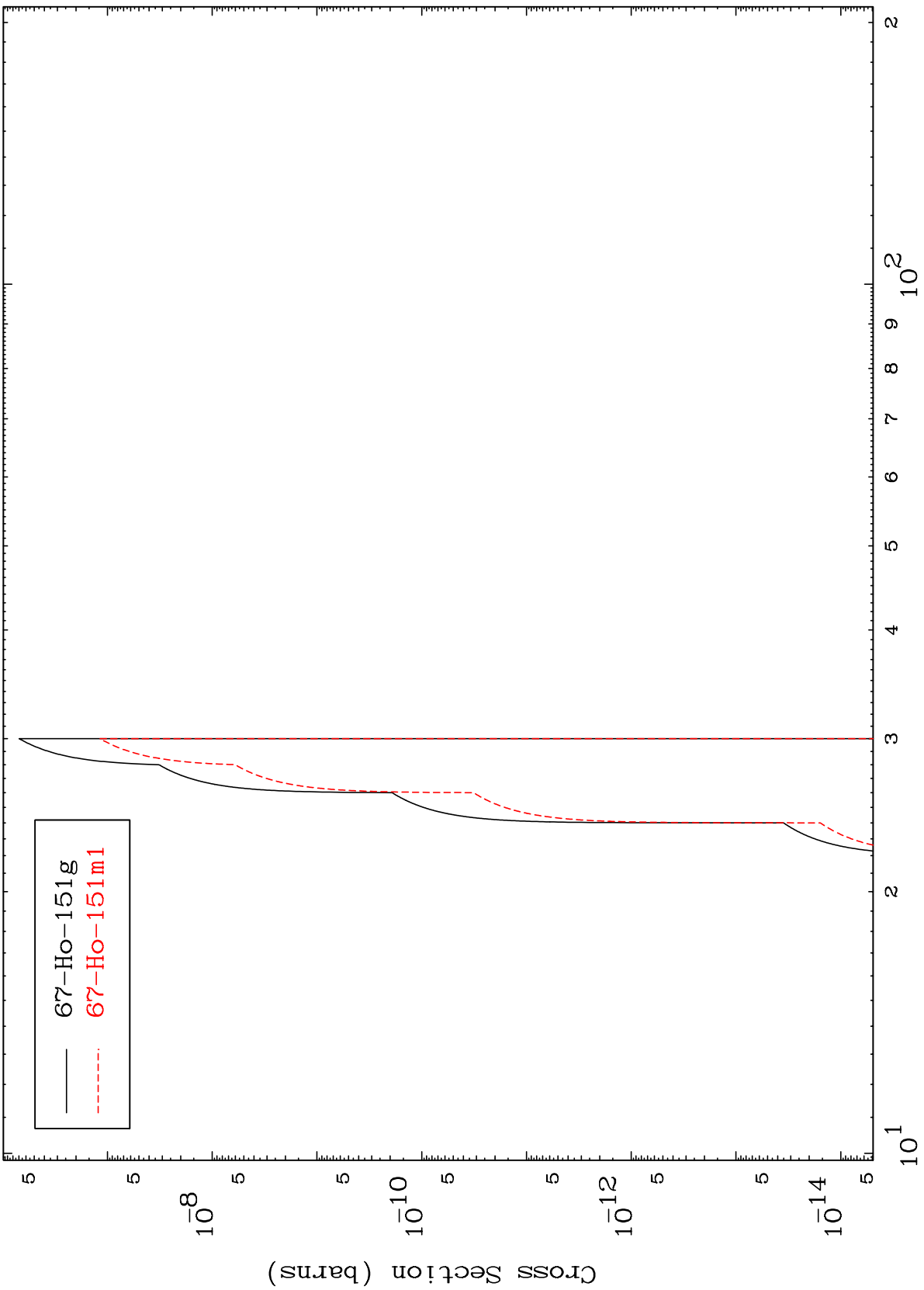
68-Er-153

MAT 6798

(n,d) α

68-Er-153

Radionuclide Production Cross Section



18

Incident Energy (MeV)

68-Er-153