

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

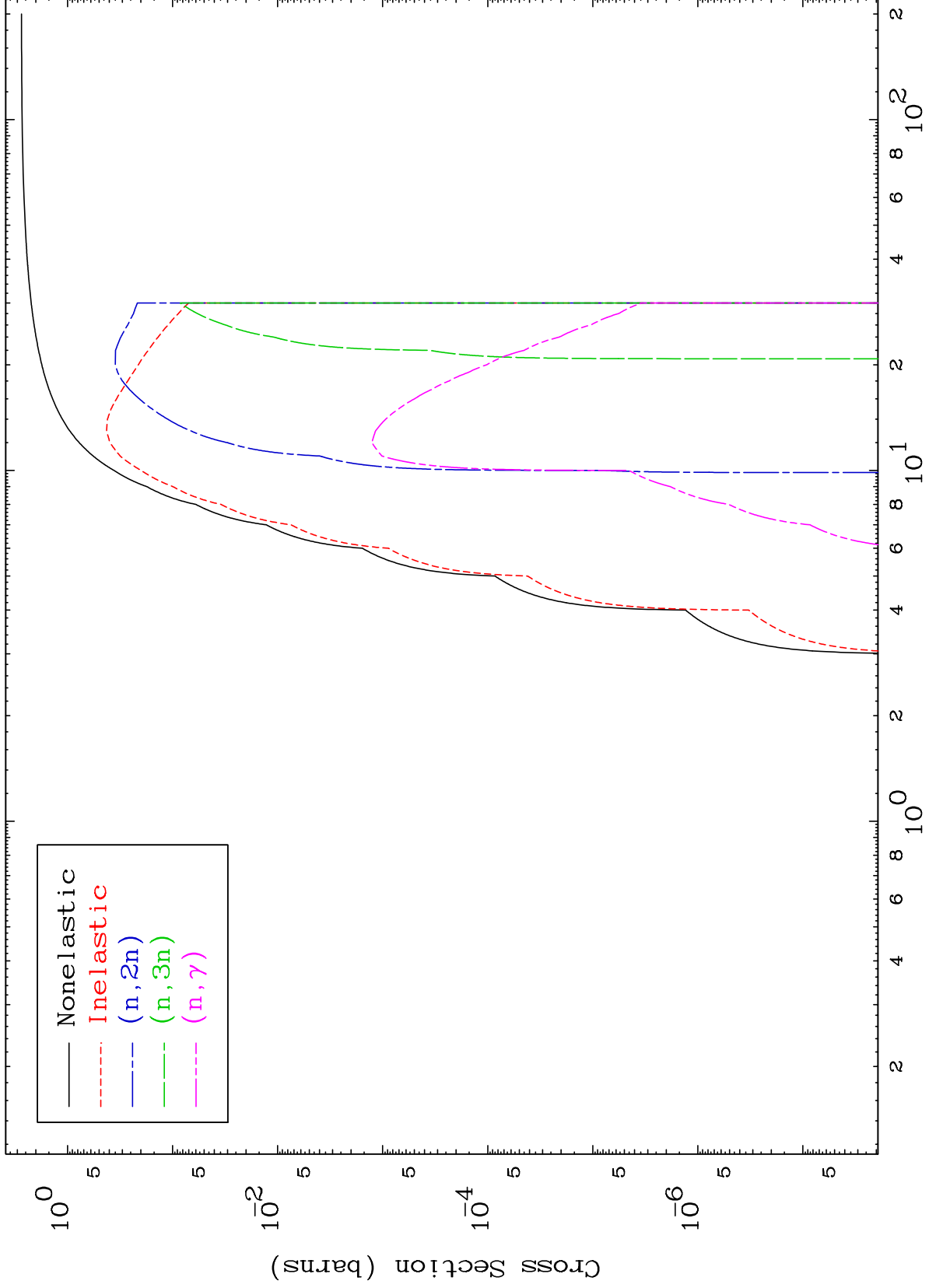
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Livermore, CA 94550
U.S.A.

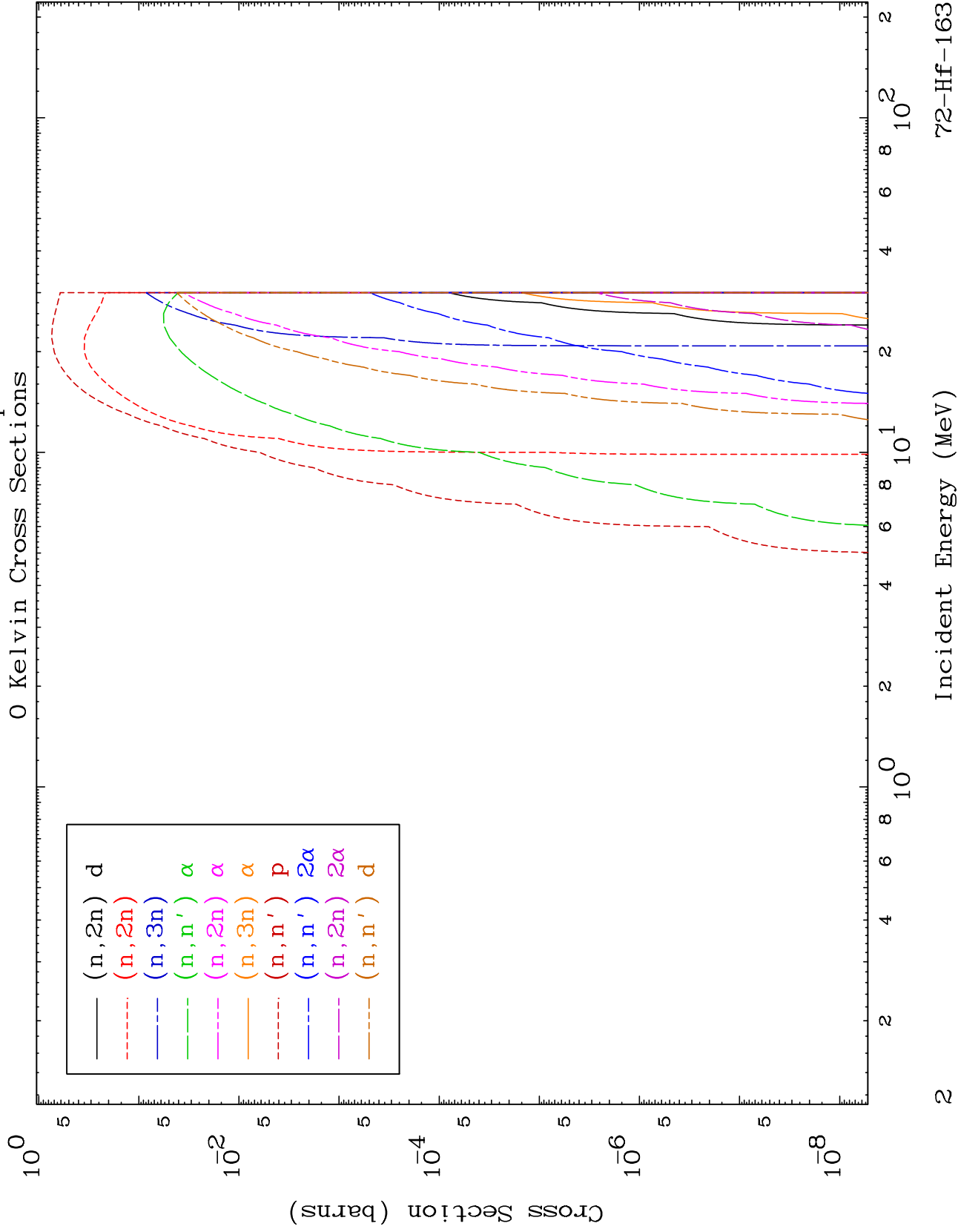
Tele: 925-443-1911

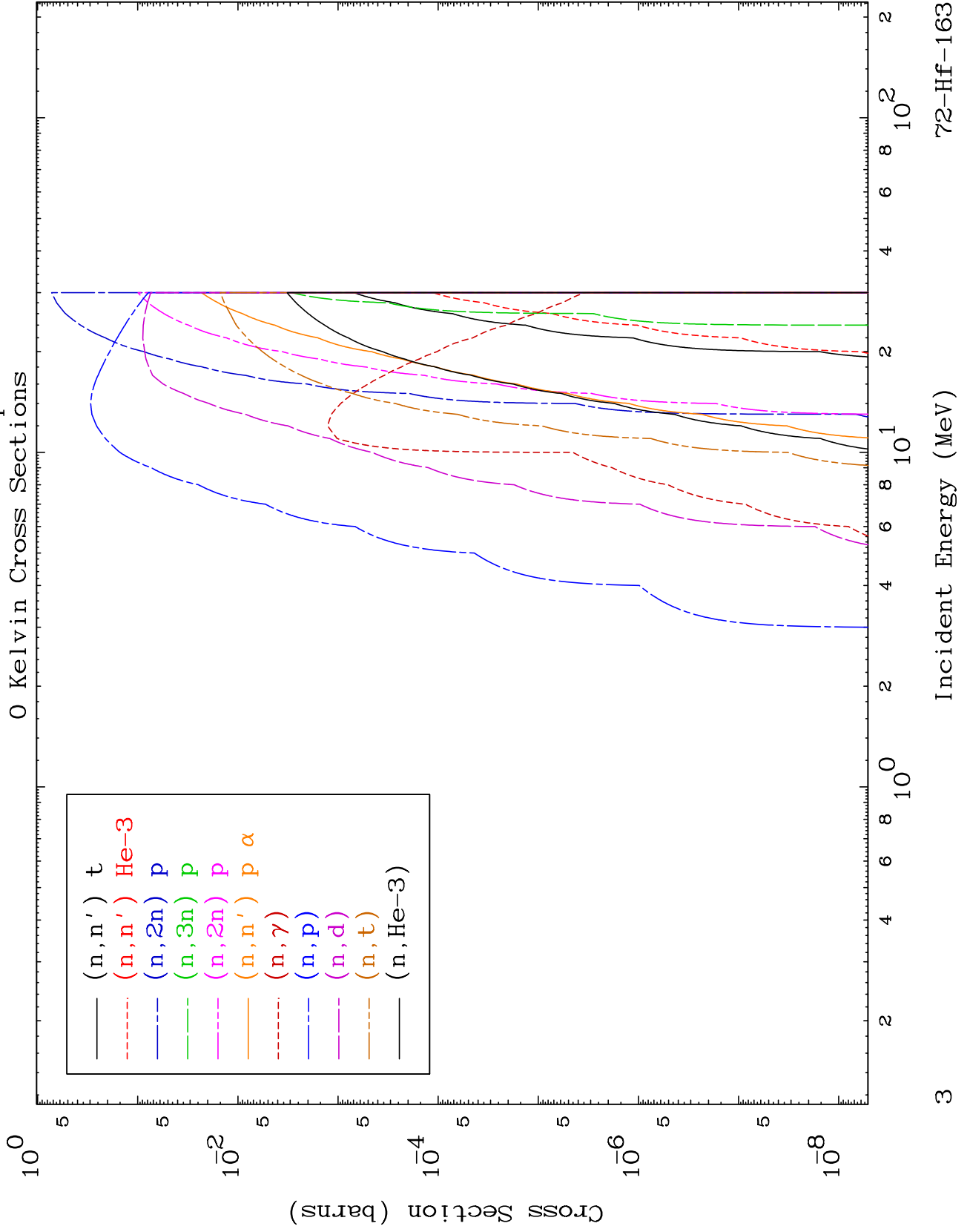
E.Mail:redcullen1@comcast.net

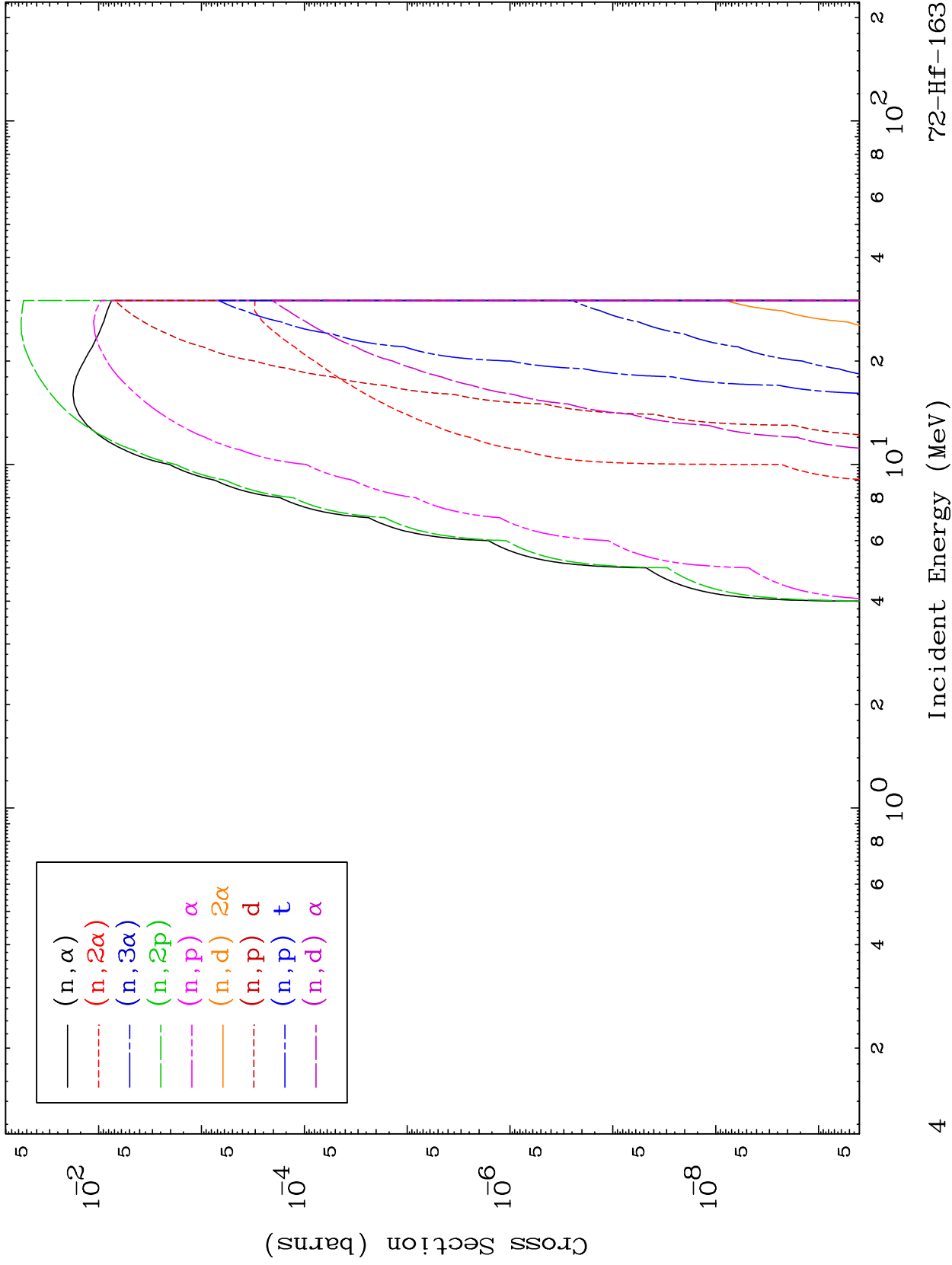
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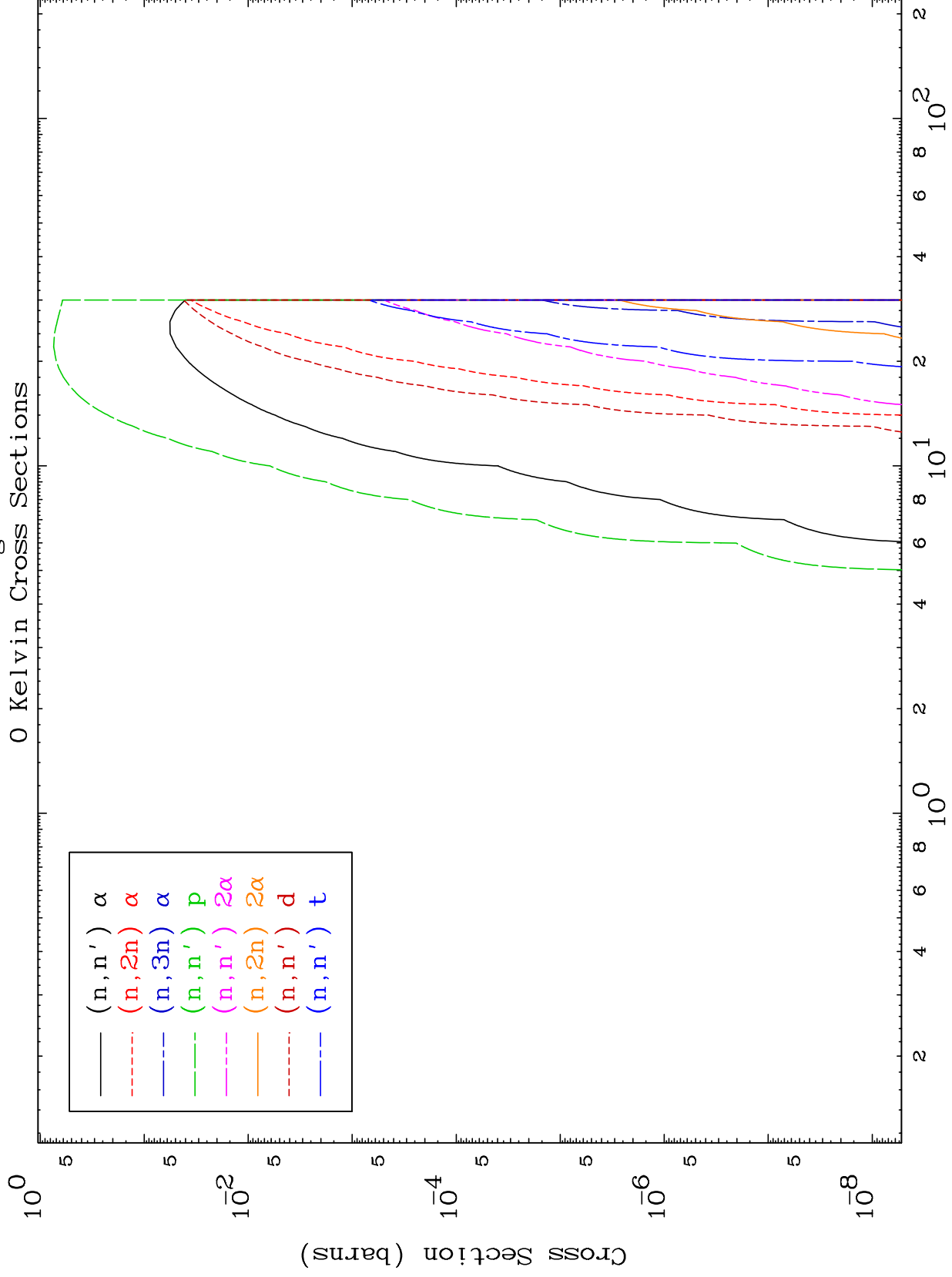
Press Mouse Button to Start

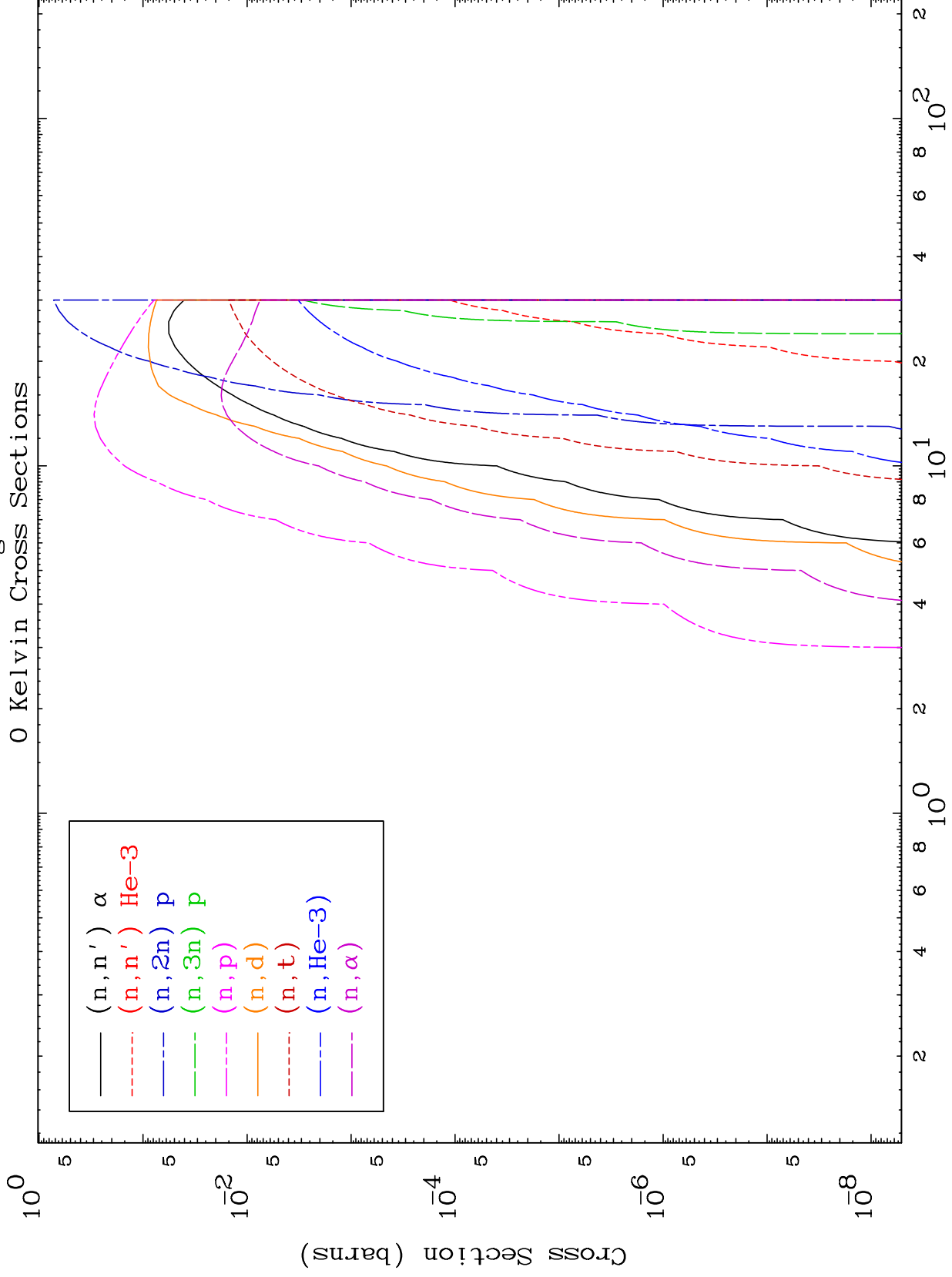


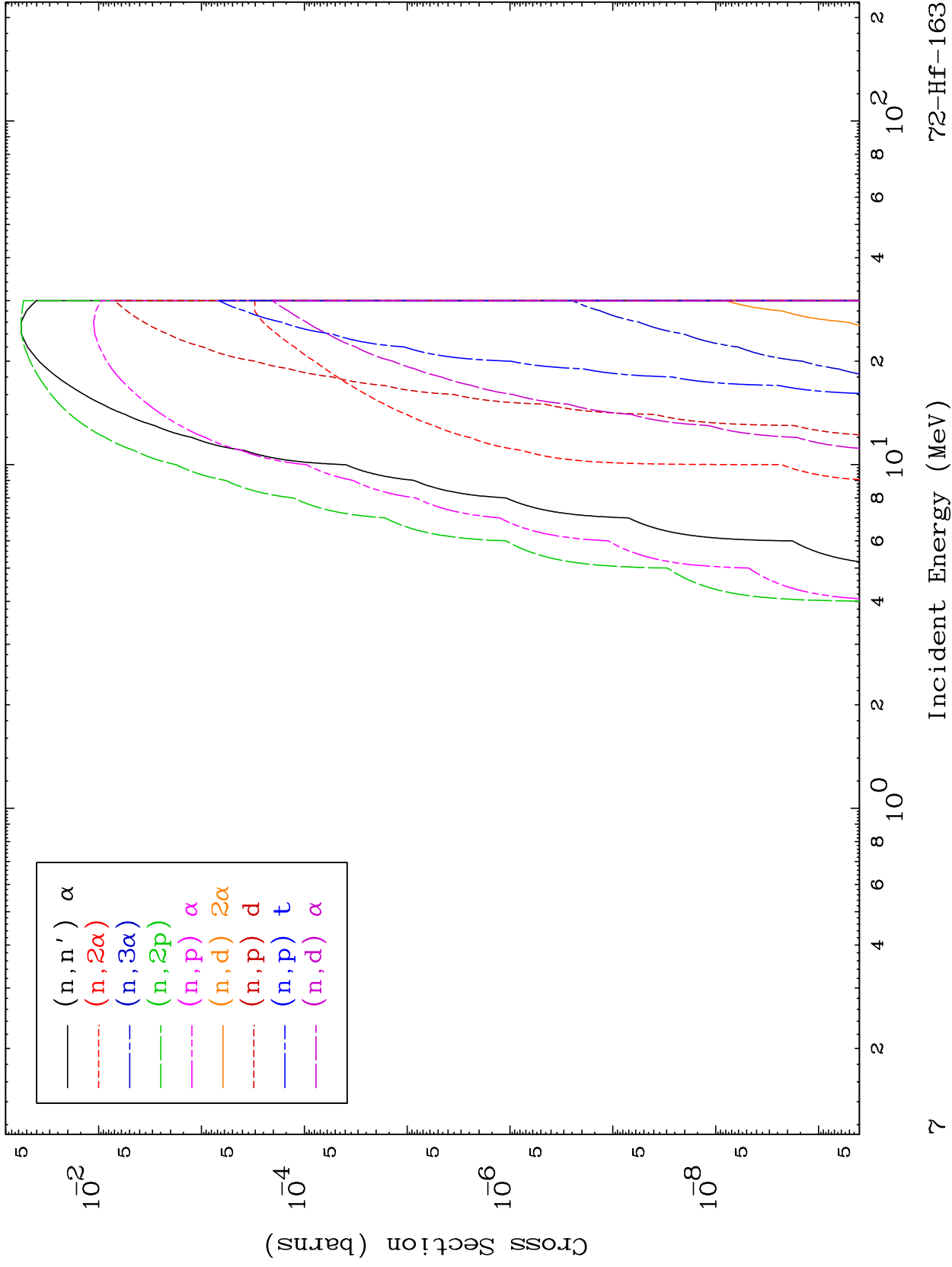










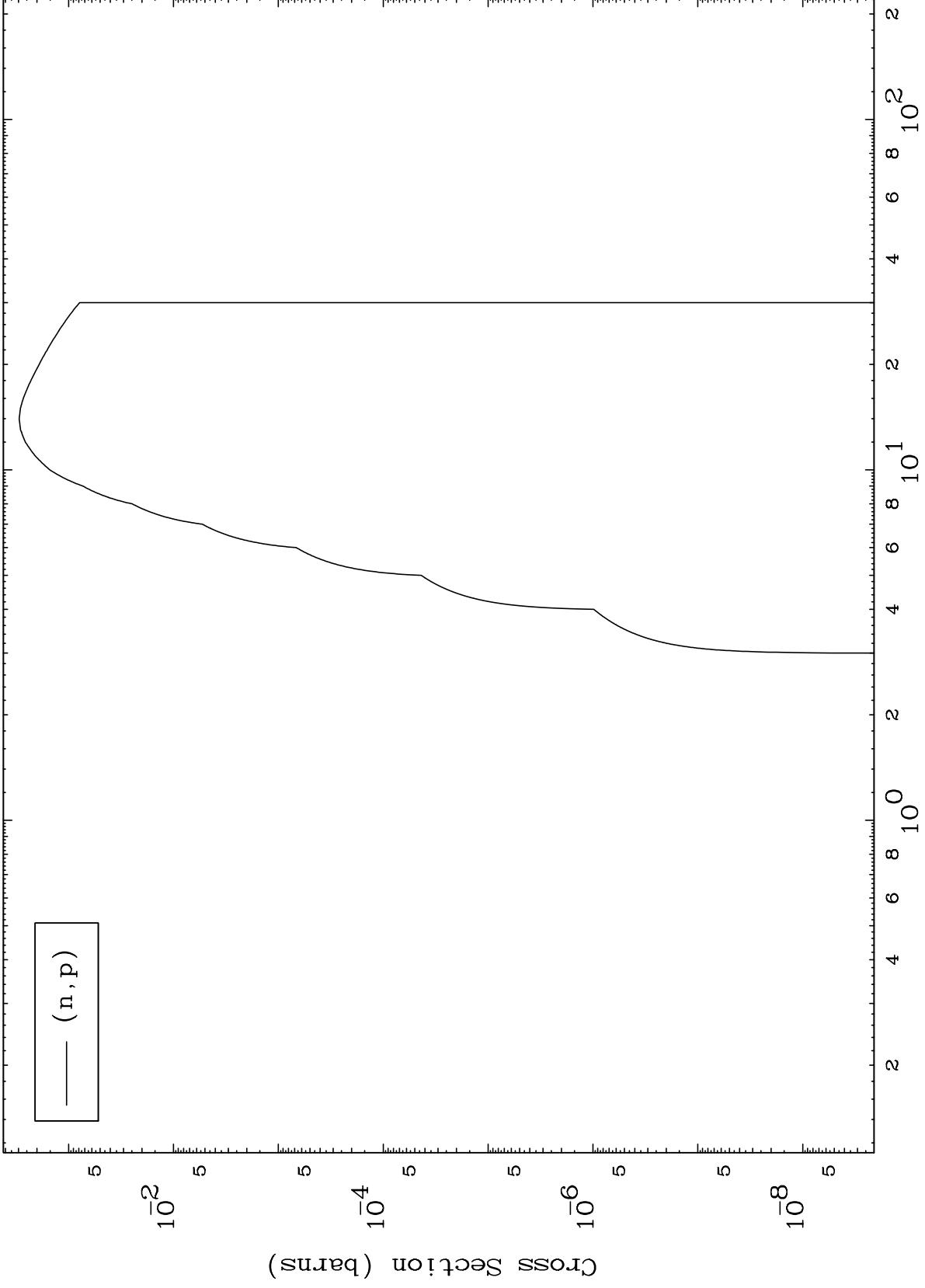


MAT 7192

(d,p) Levels

72-Hf-163

0 Kelvin Cross Sections

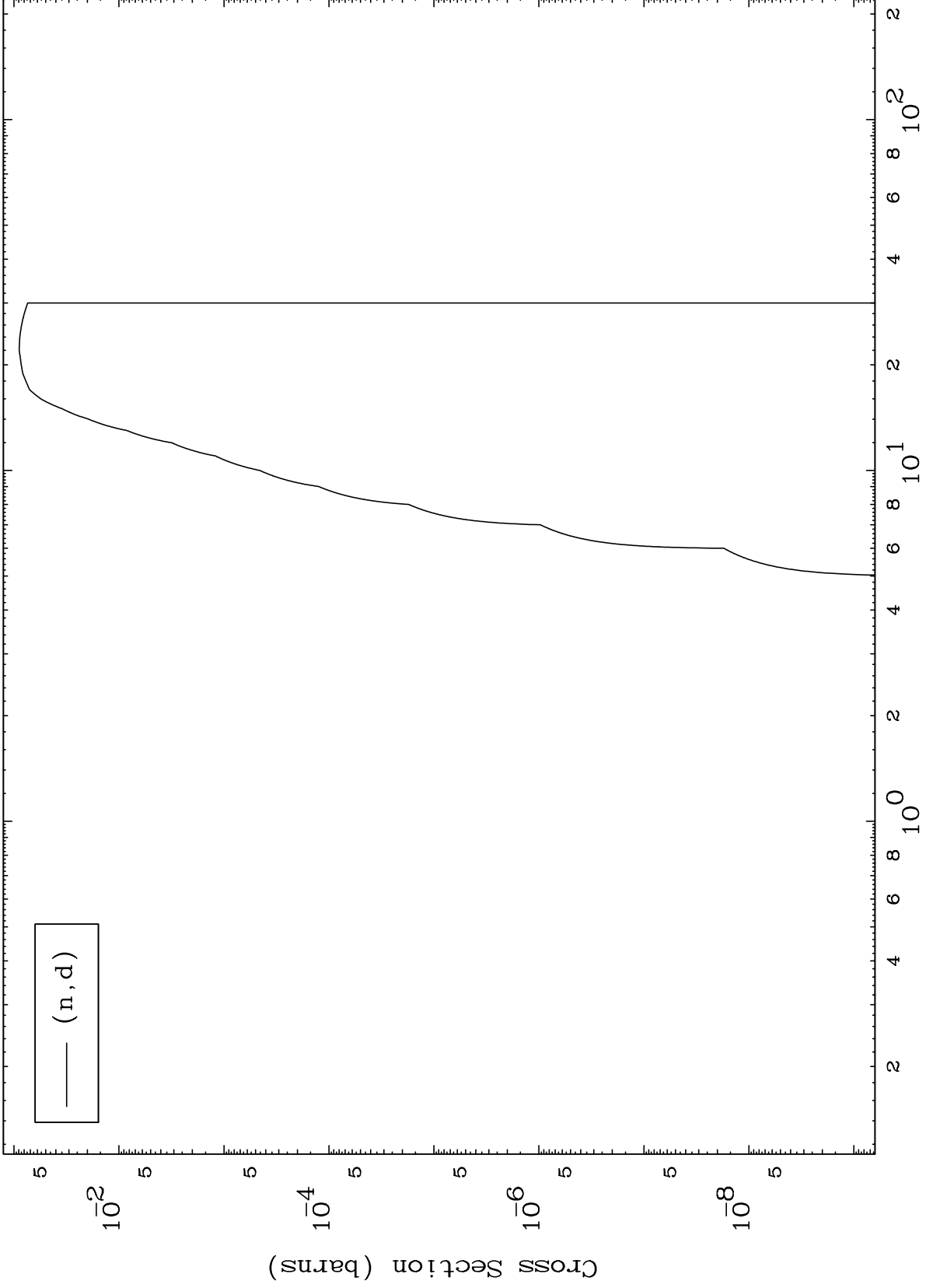


MAT 7192

(d,d) Levels

72-Hf-163

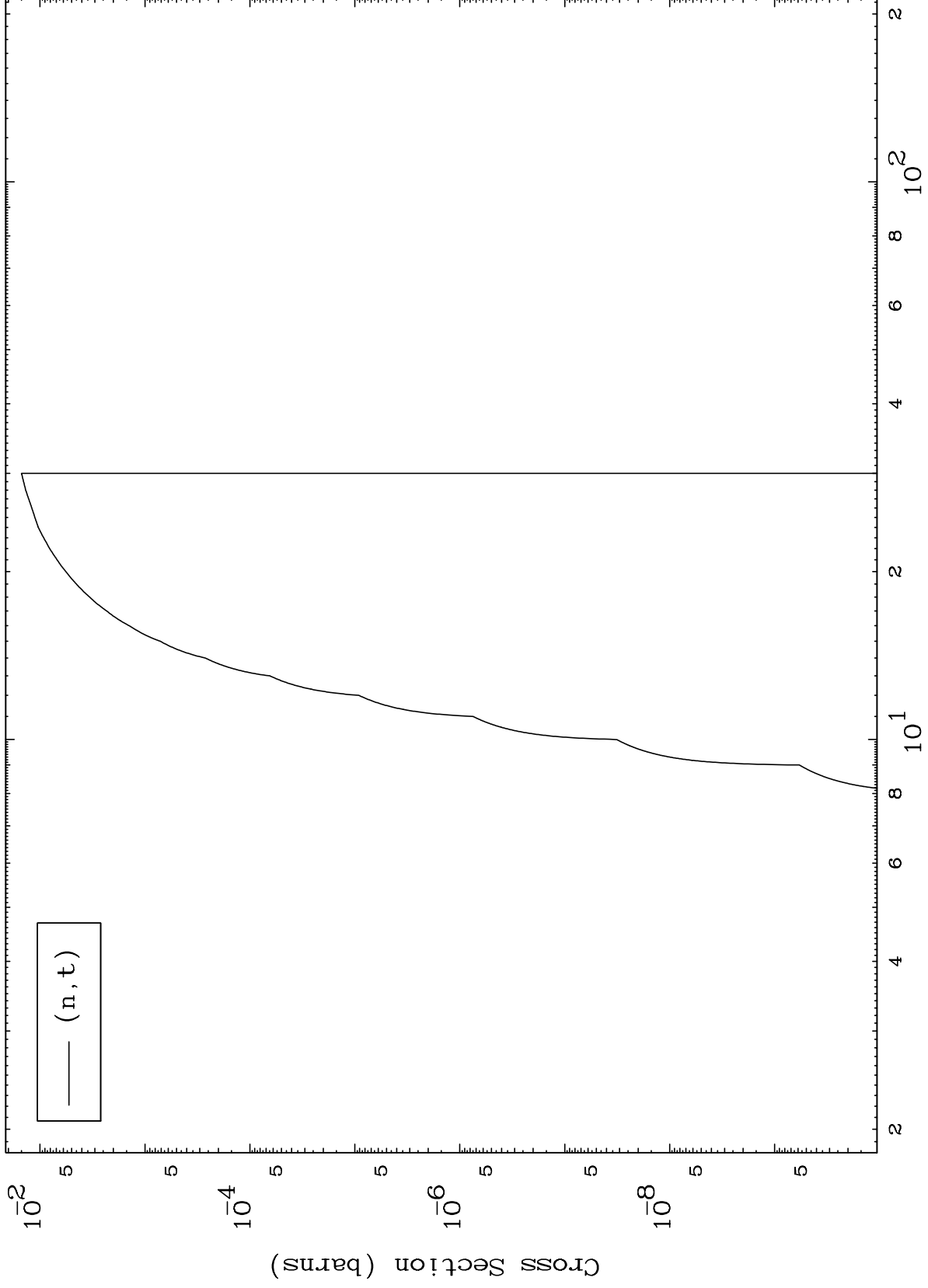
0 Kelvin Cross Sections



MAT 7192

(d,t) Levels
0 Kelvin Cross Sections

72-Hf-163



10

Incident Energy (MeV)

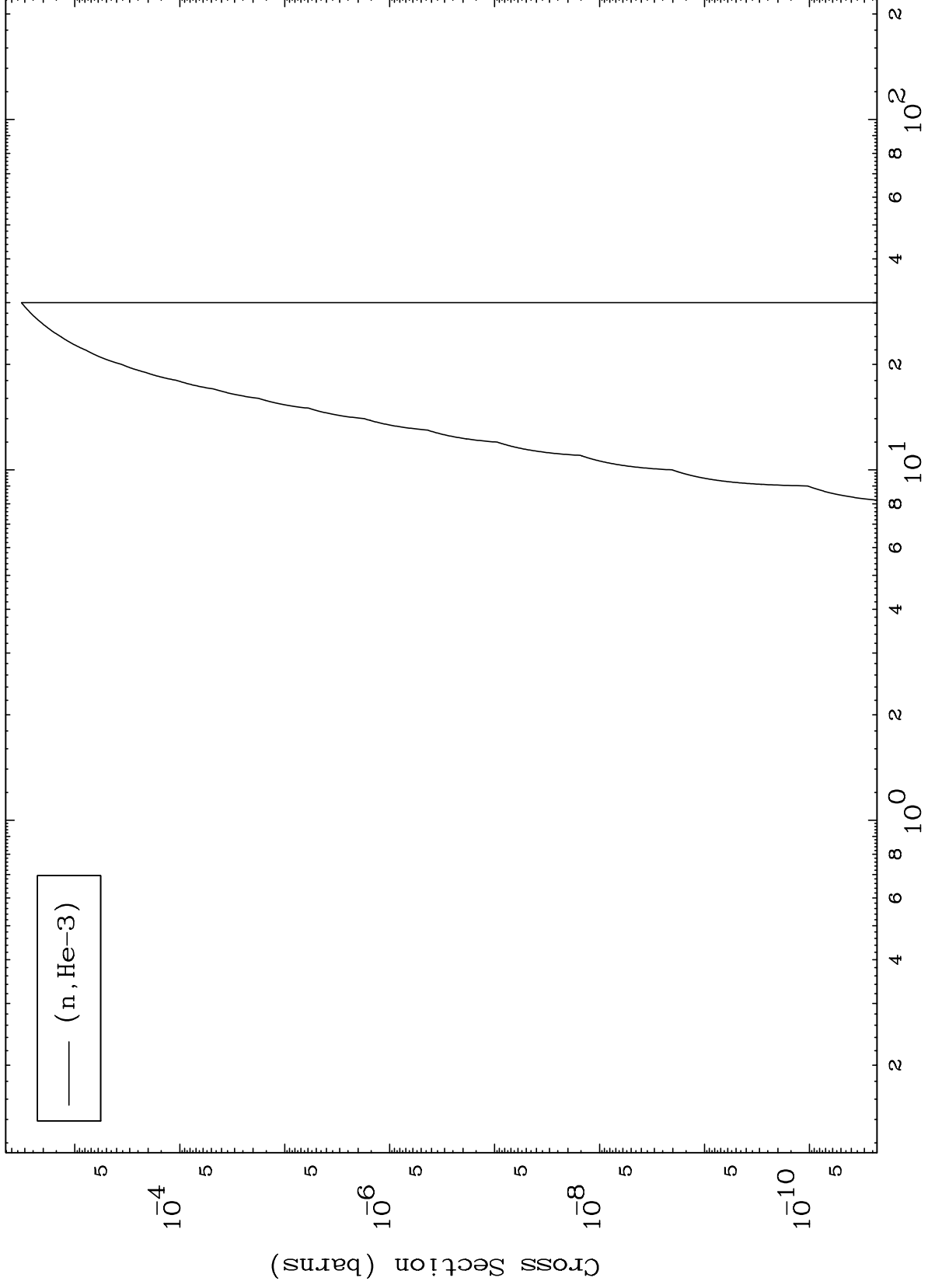
72-Hf-163

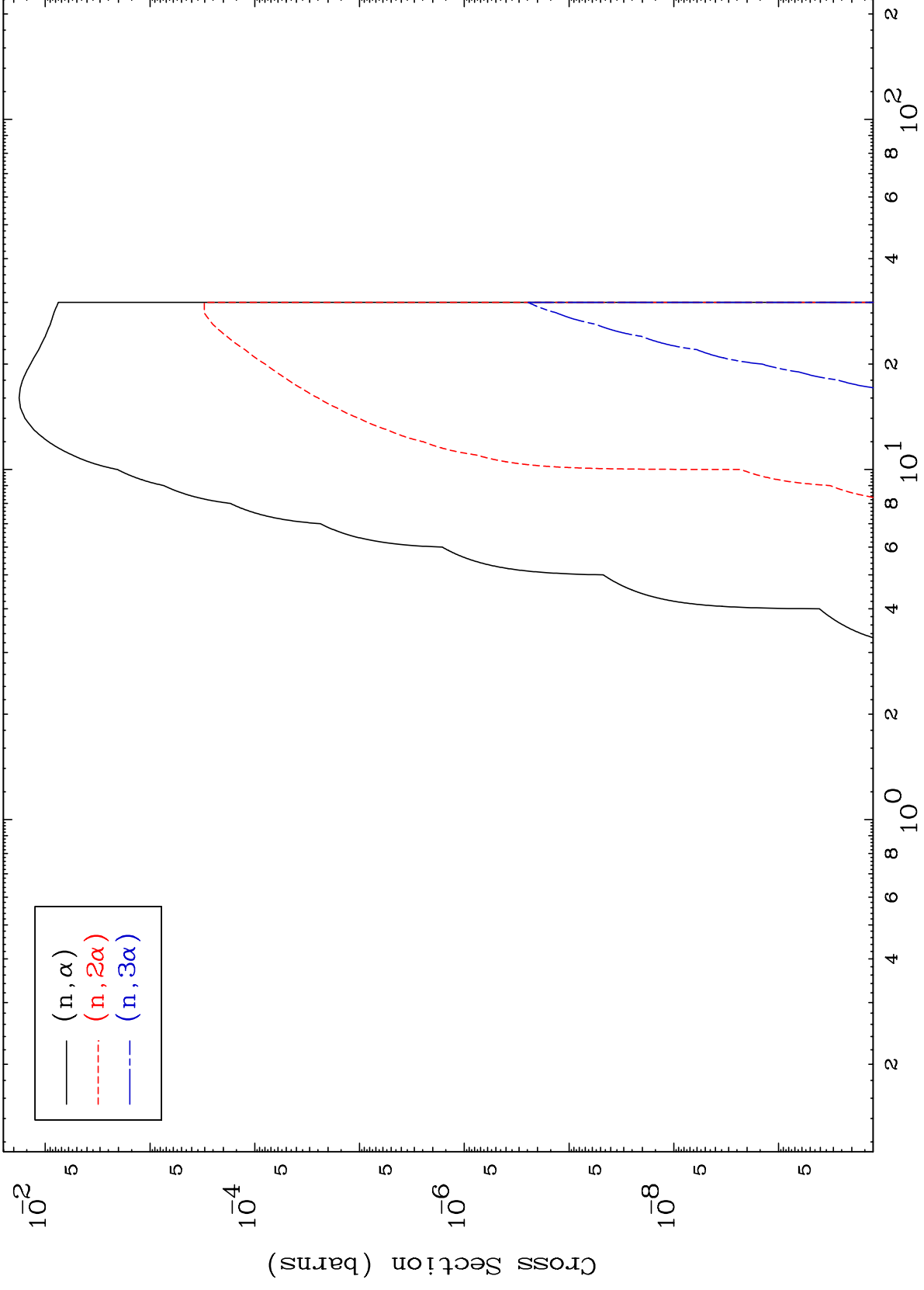
MAT 7192

(d,He3) Levels

72-Hf-163

0 Kelvin Cross Sections



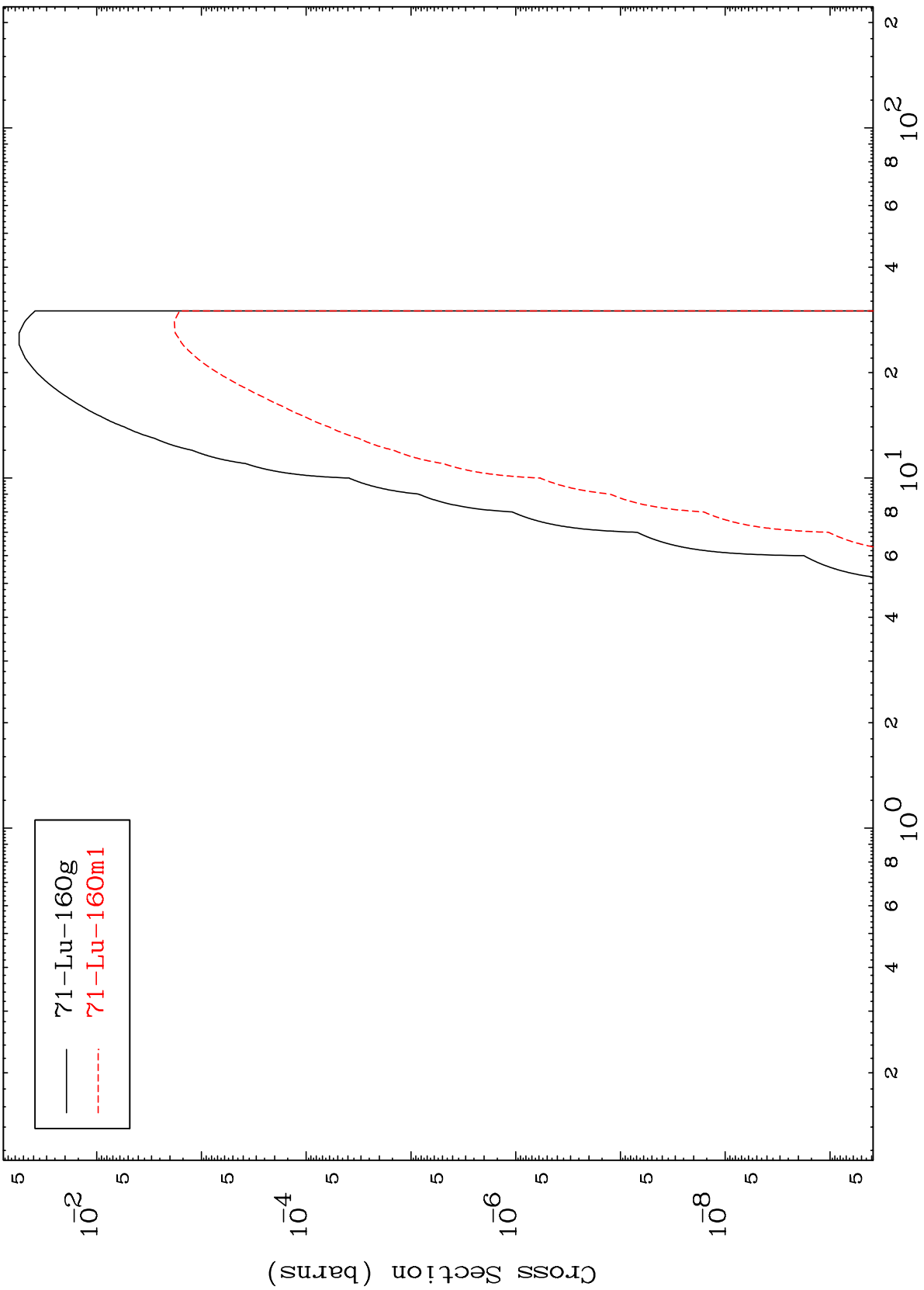


MAT 7192

$(n, n') \alpha$

72-Hf-163

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

13

Incident Energy (MeV)

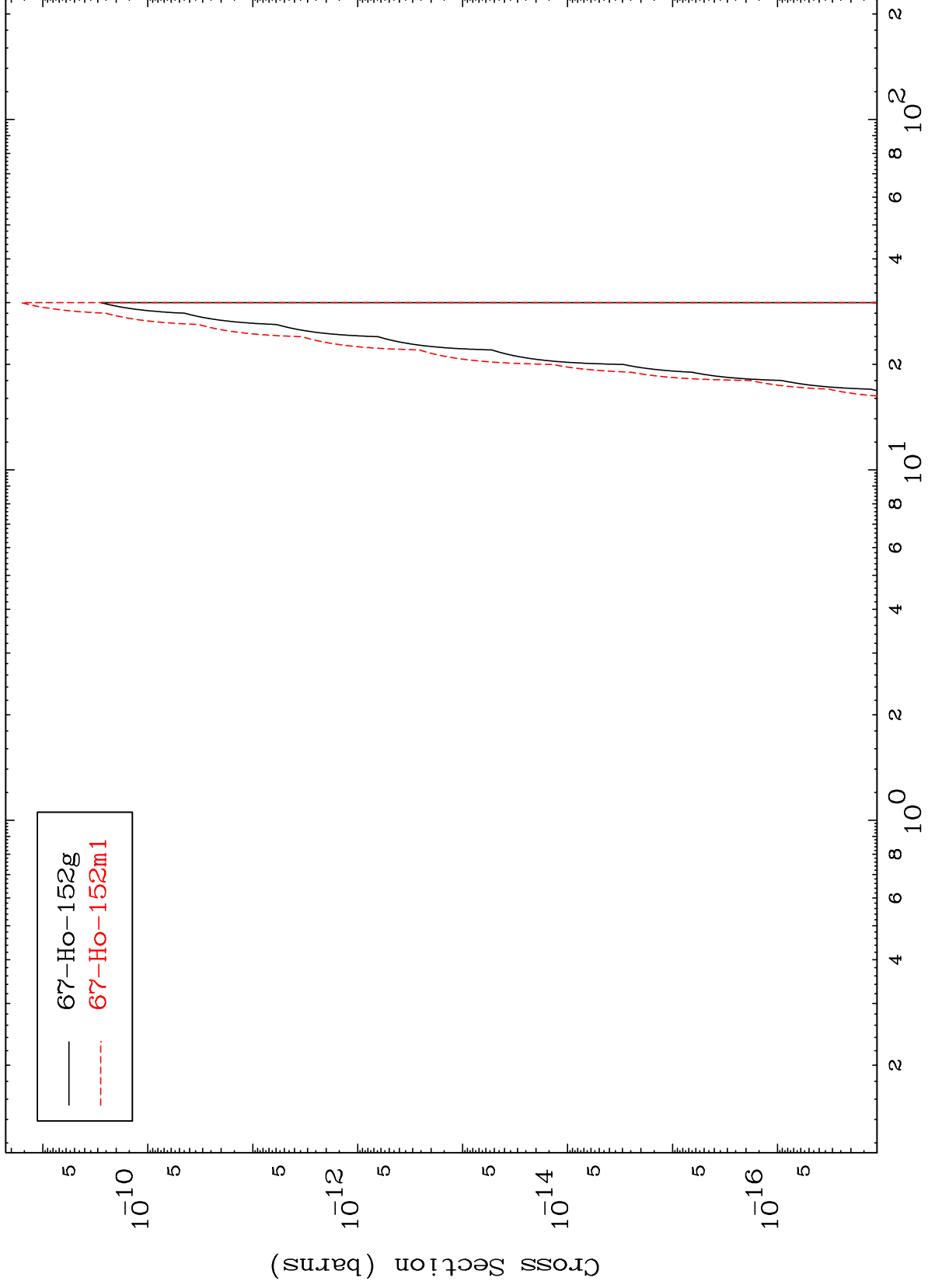
72-Hf-163

MAT 7192

(n,n') 3 α

72-Hf-163

Radionuclide Production Cross Section



14

Incident Energy (MeV)

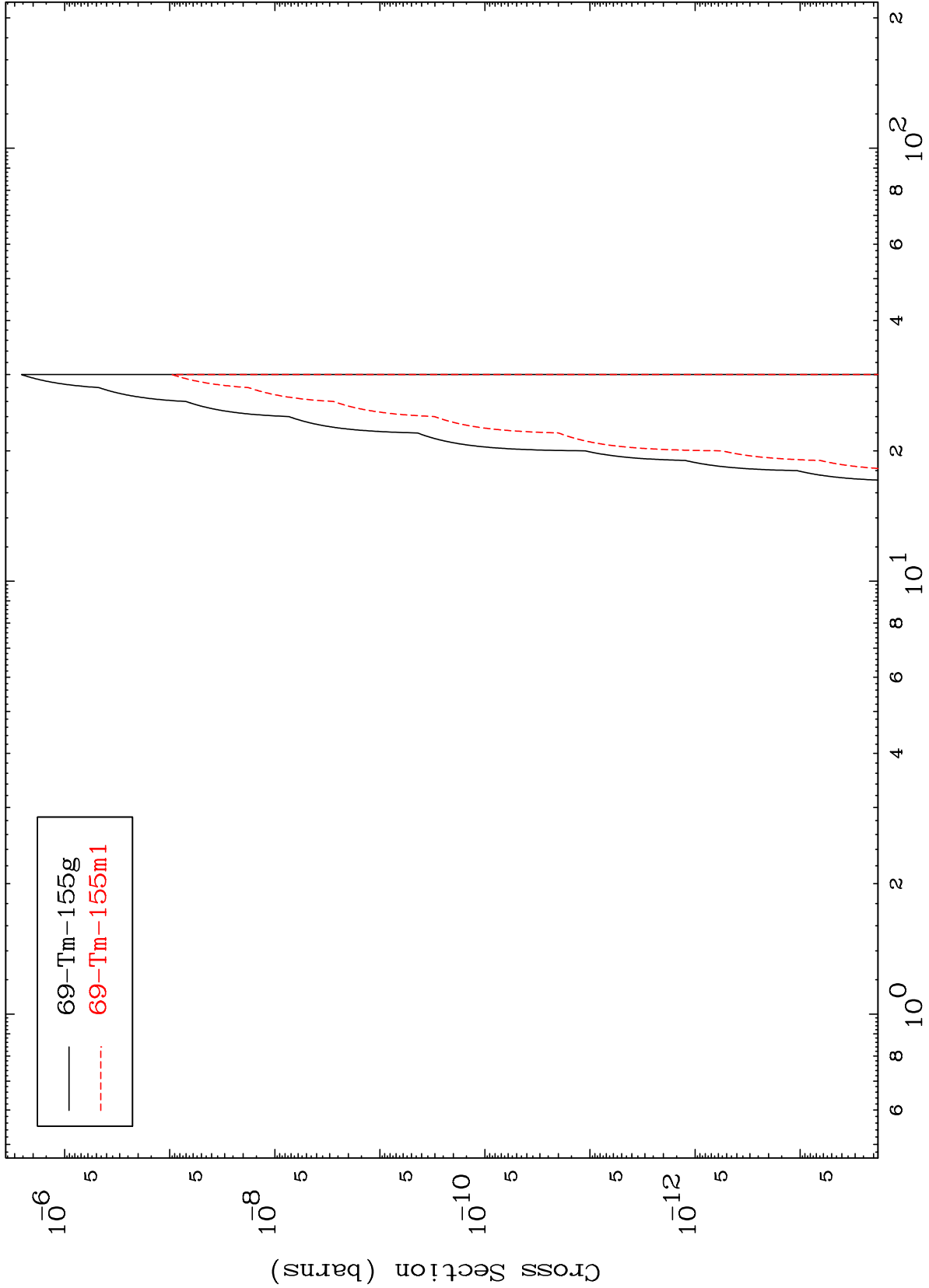
72-Hf-163

MAT 7192

(n,2n) 2α

72-Hf-163

Radionuclide Production Cross Section



15

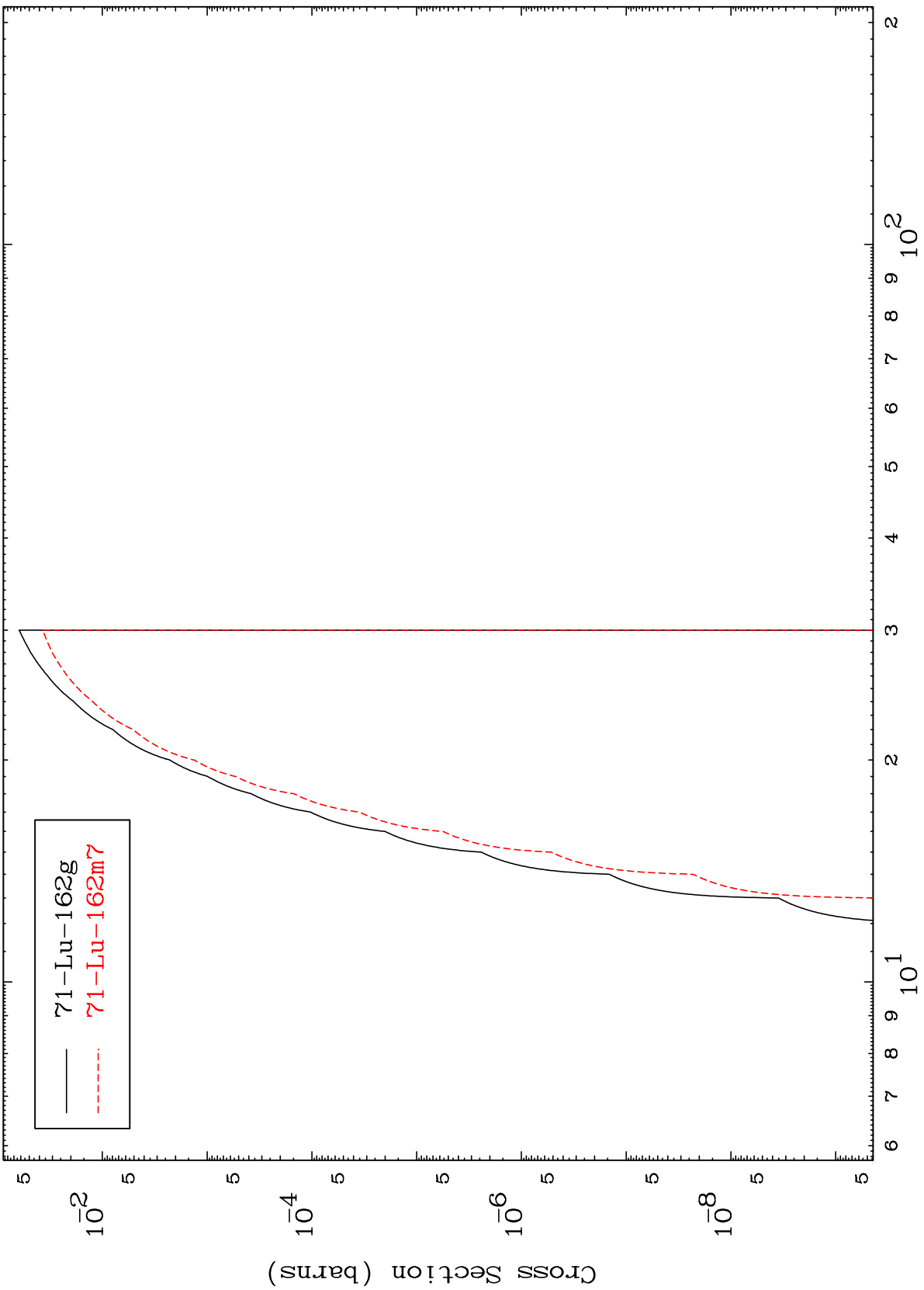
Incident Energy (MeV)

72-Hf-163

MAT 7192

72-Hf-163

(n,2n) p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

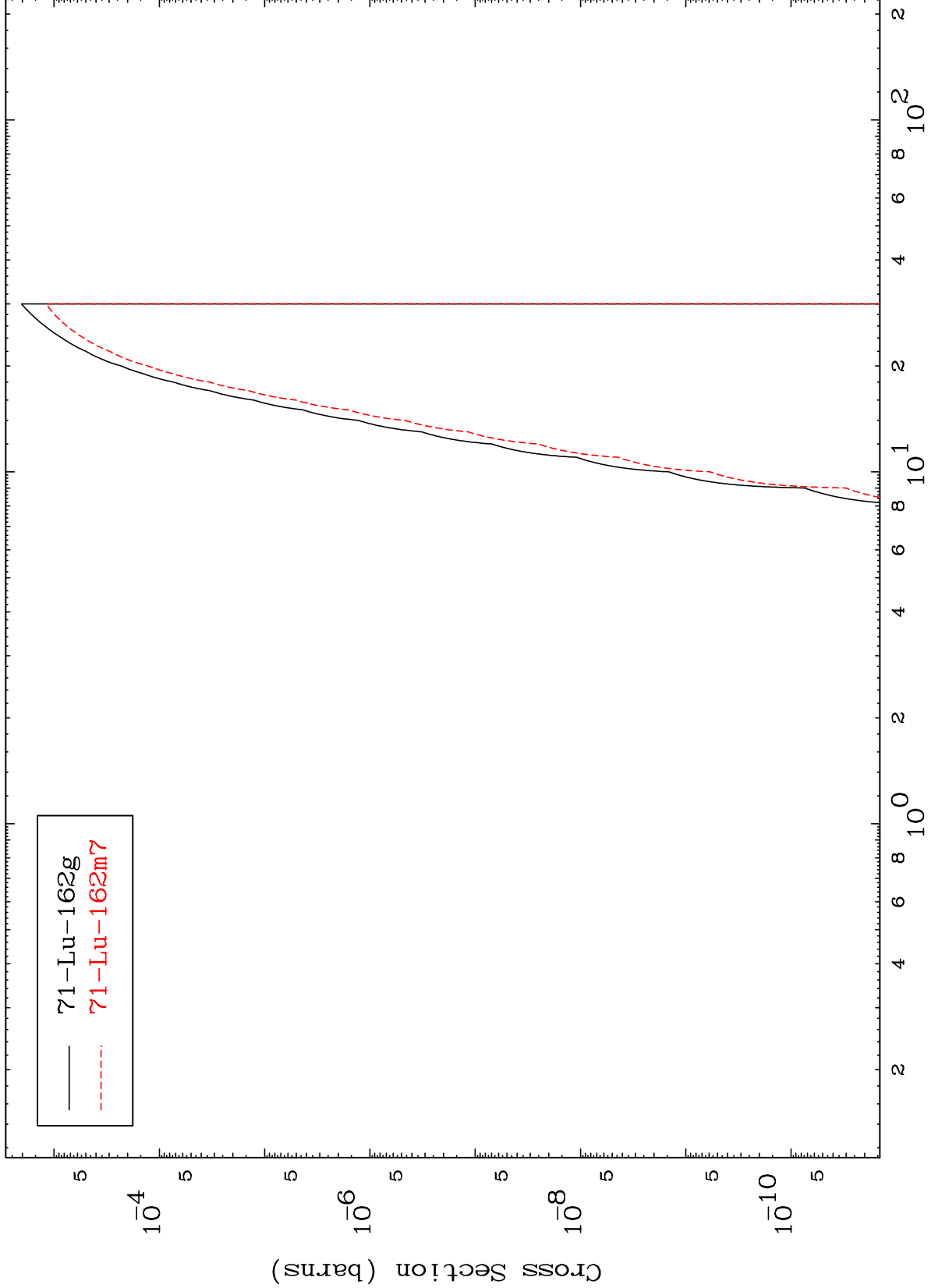
72-Hf-163

MAT 7192

(n,He-3)

72-Hf-163

Radionuclide Production Cross Section



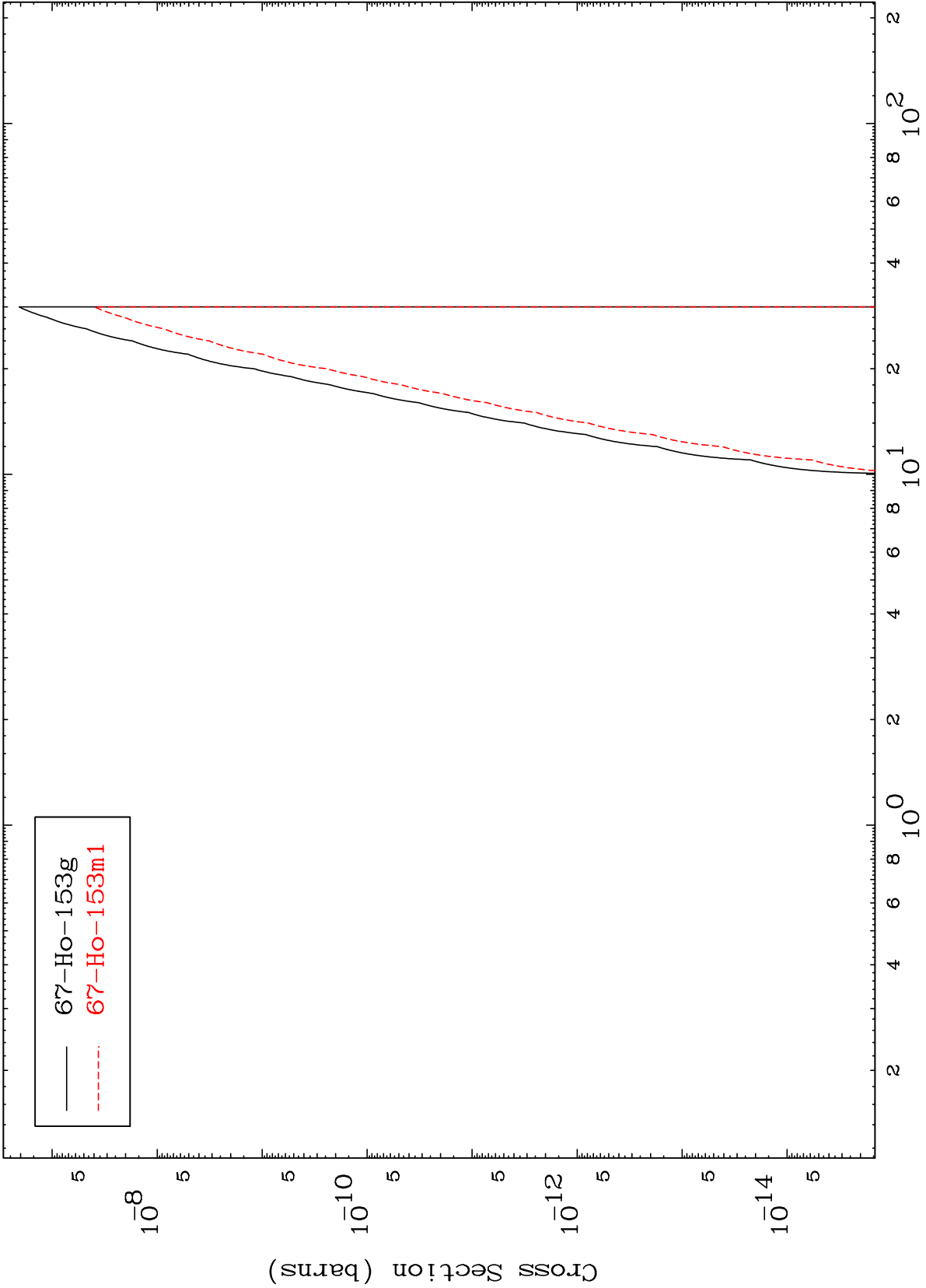
71-Lu-162g
71-Lu-162m7

MAT 7192

(n, 3α)

72-Hf-163

Radionuclide Production Cross Section



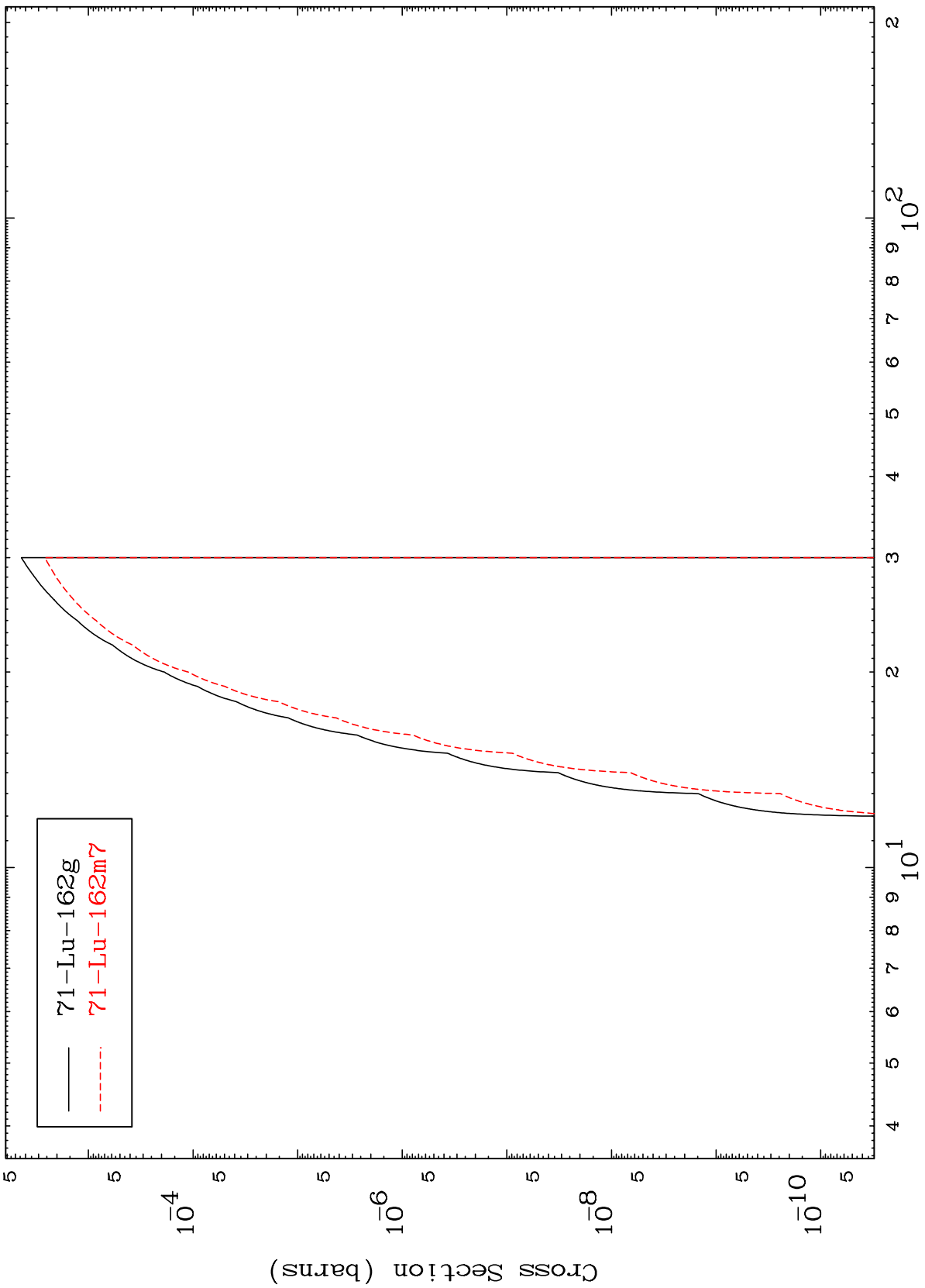
67-Ho-153g
67-Ho-153m1

MAT 7192

(n,p) d

72-Hf-163

Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m7

19

Incident Energy (MeV)

72-Hf-163