

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

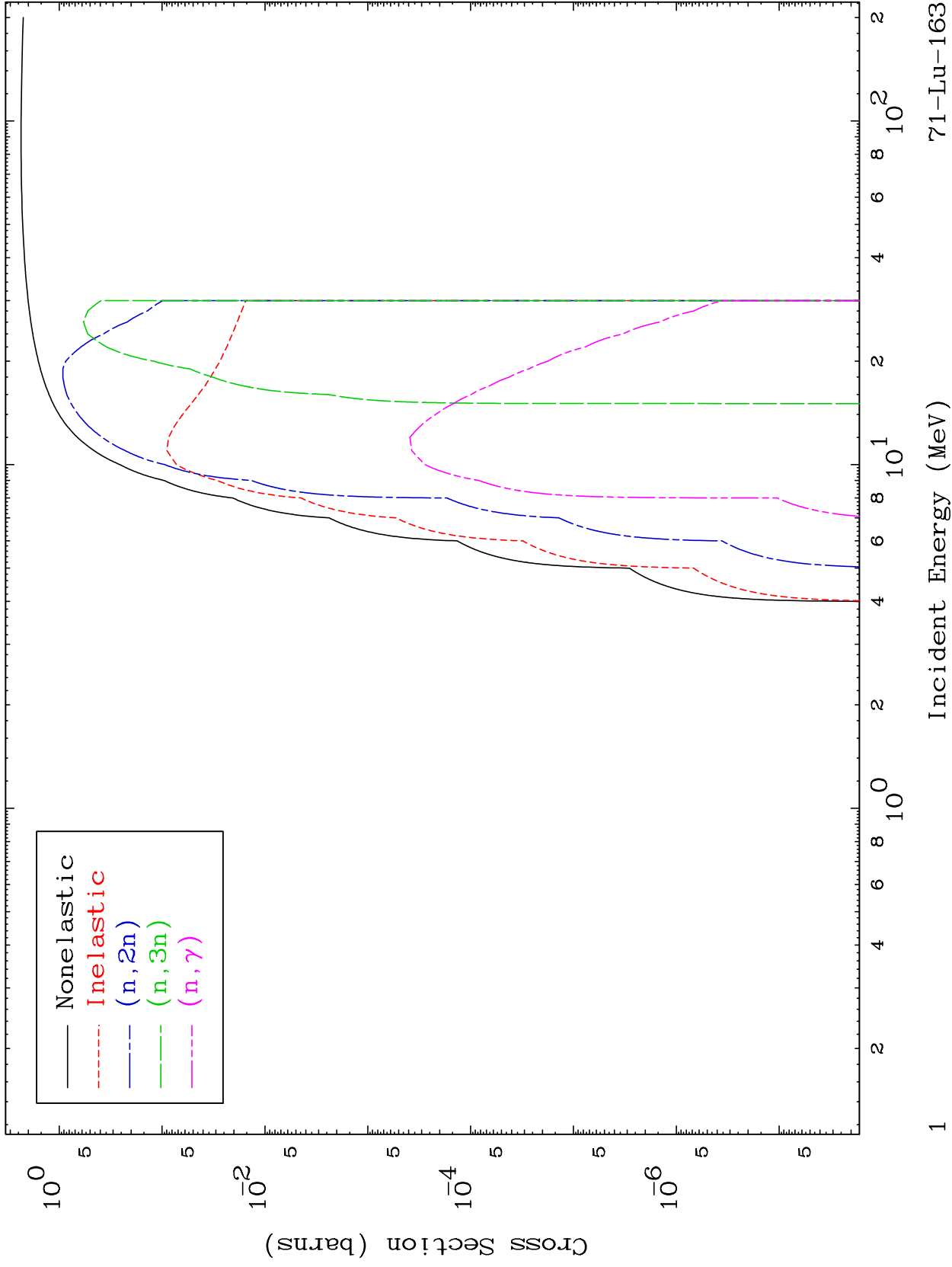
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Web:redcullen1.net/HOMEPAGE.NEW

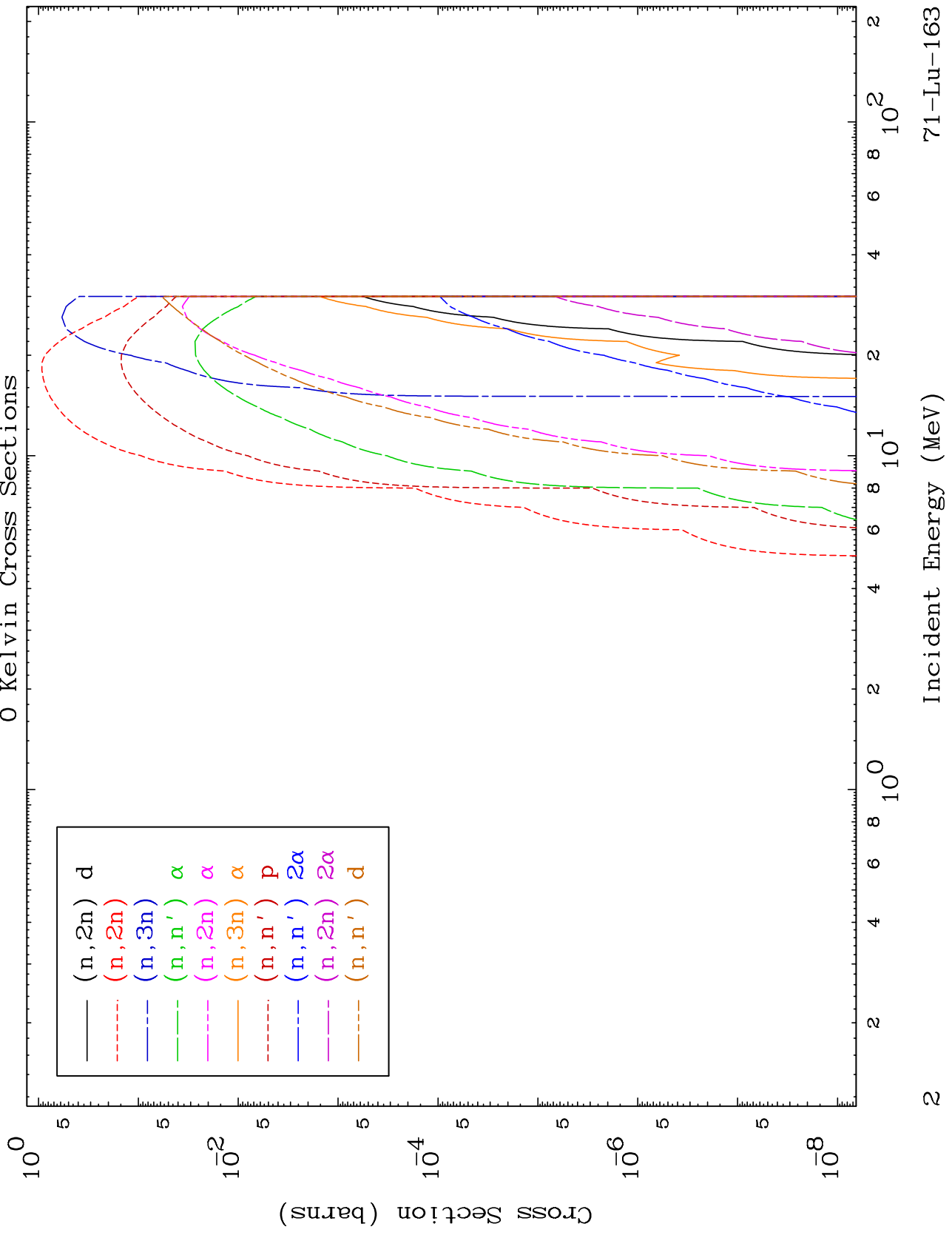
Press Mouse Button to Start



MAT 7089

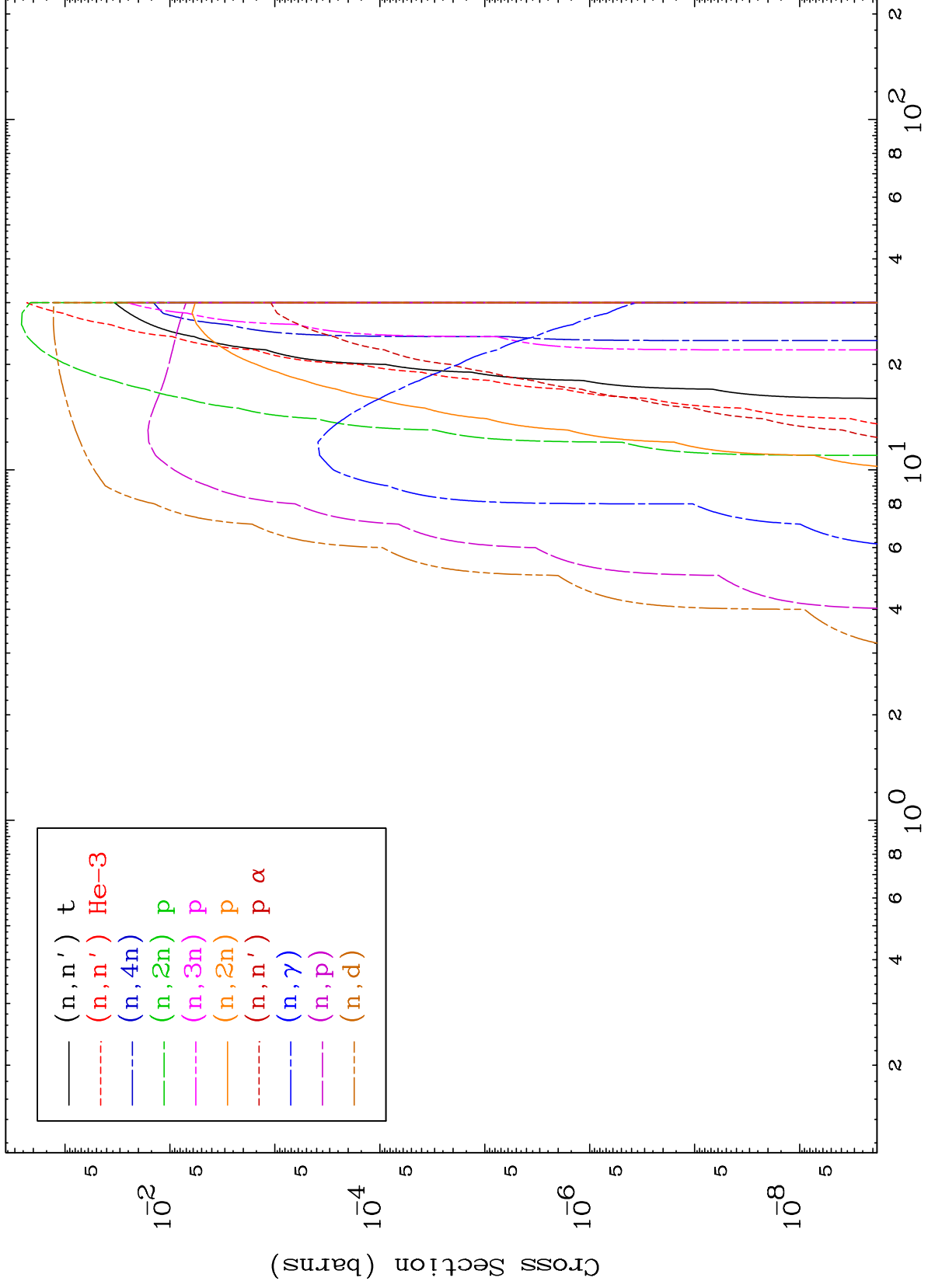
Triton Neutron Absorption
0 Kelvin Cross Sections

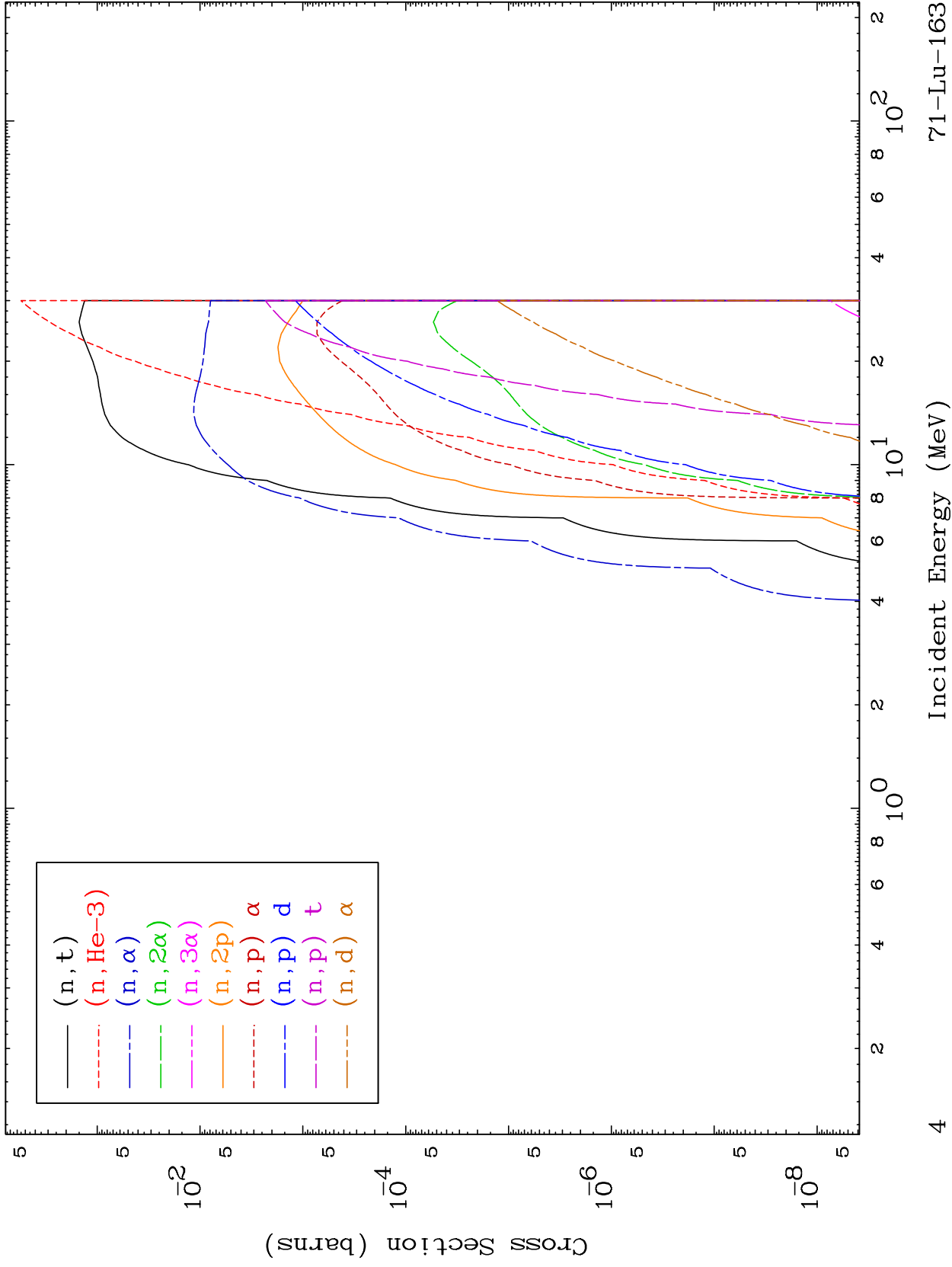
⁷¹Lu-163

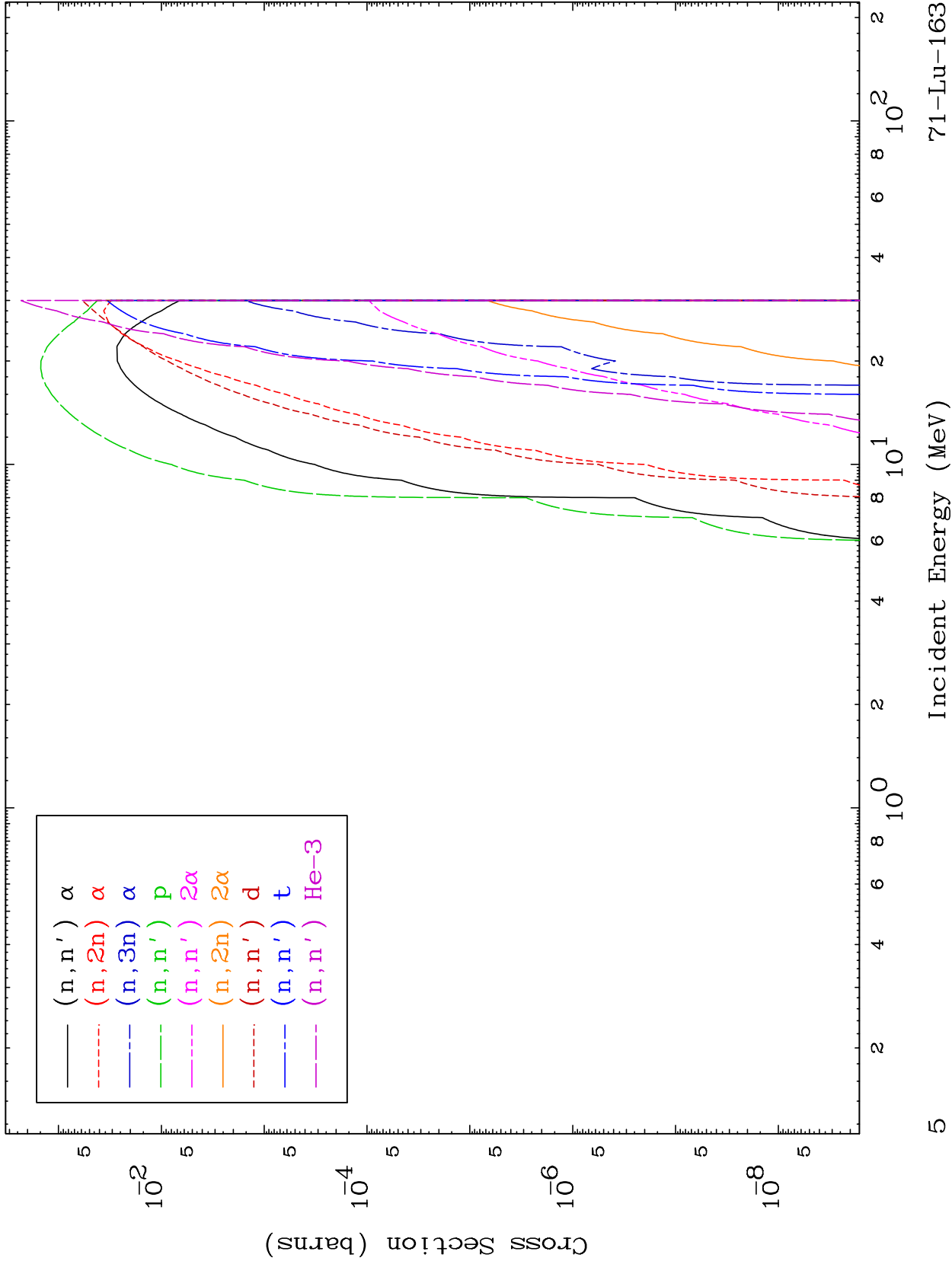


⁷¹Lu-163

Incident Energy (MeV)



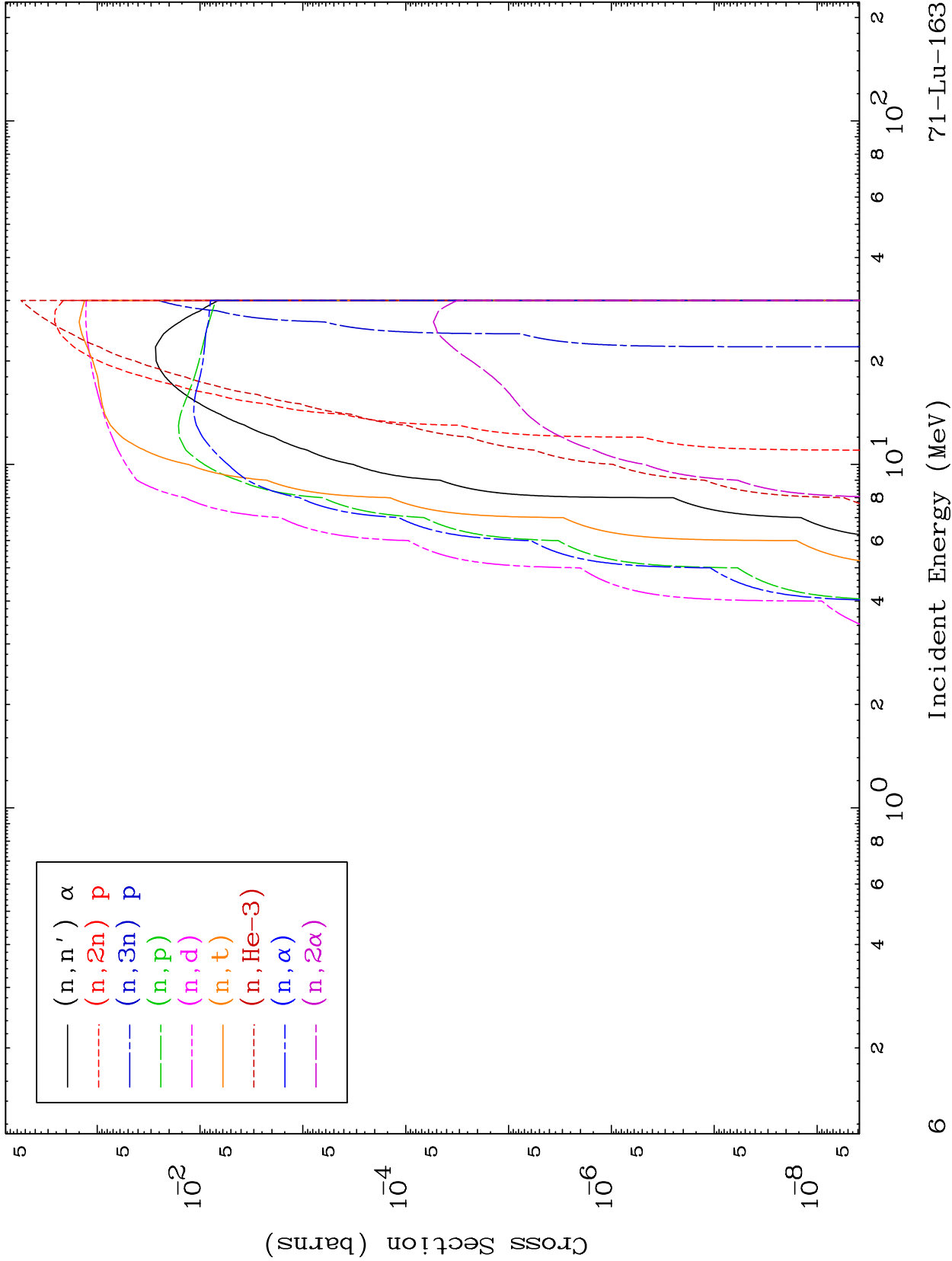


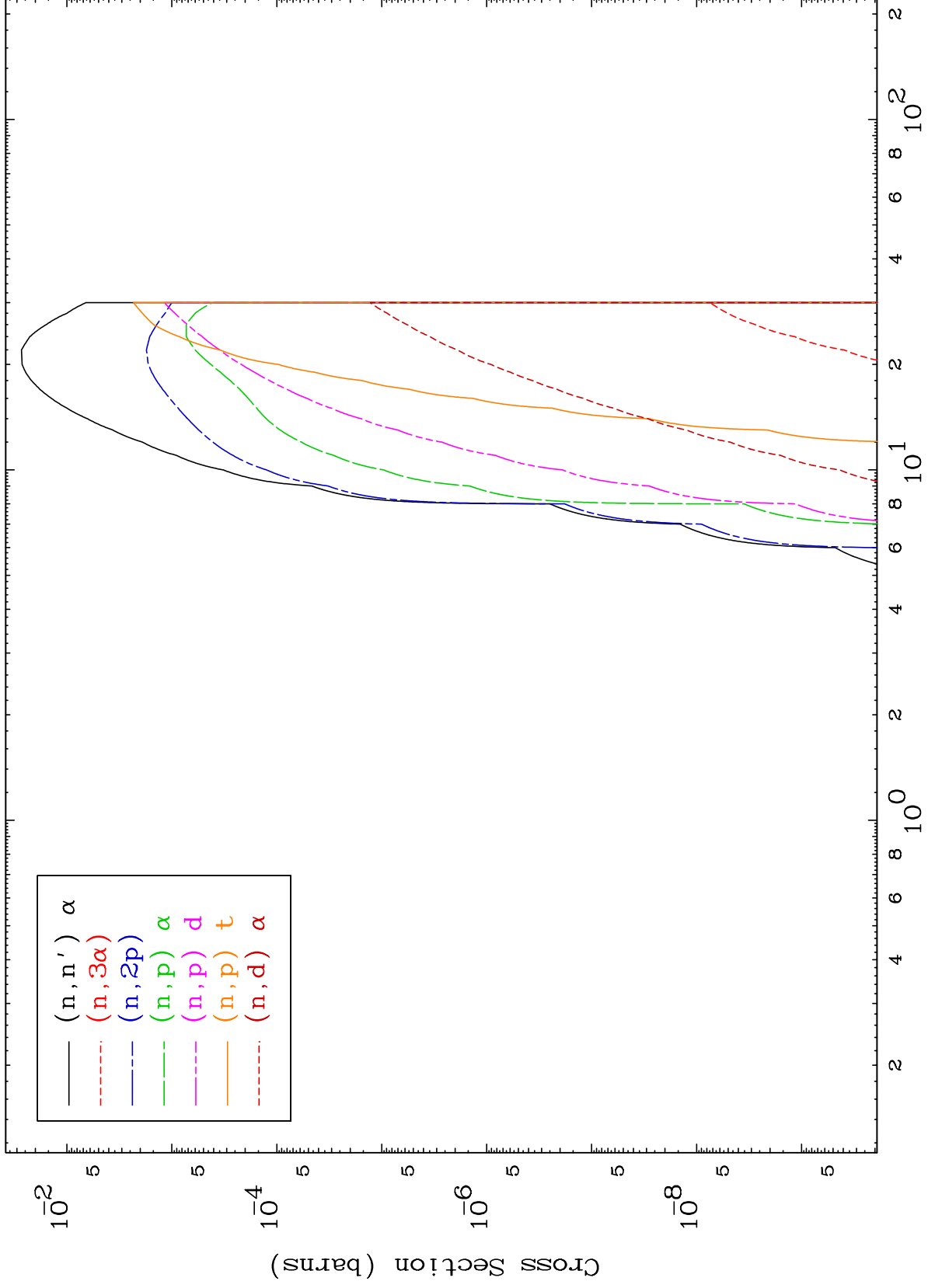


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Triton Charged Particle
0 Kelvin Cross Sections

71-Lu-163



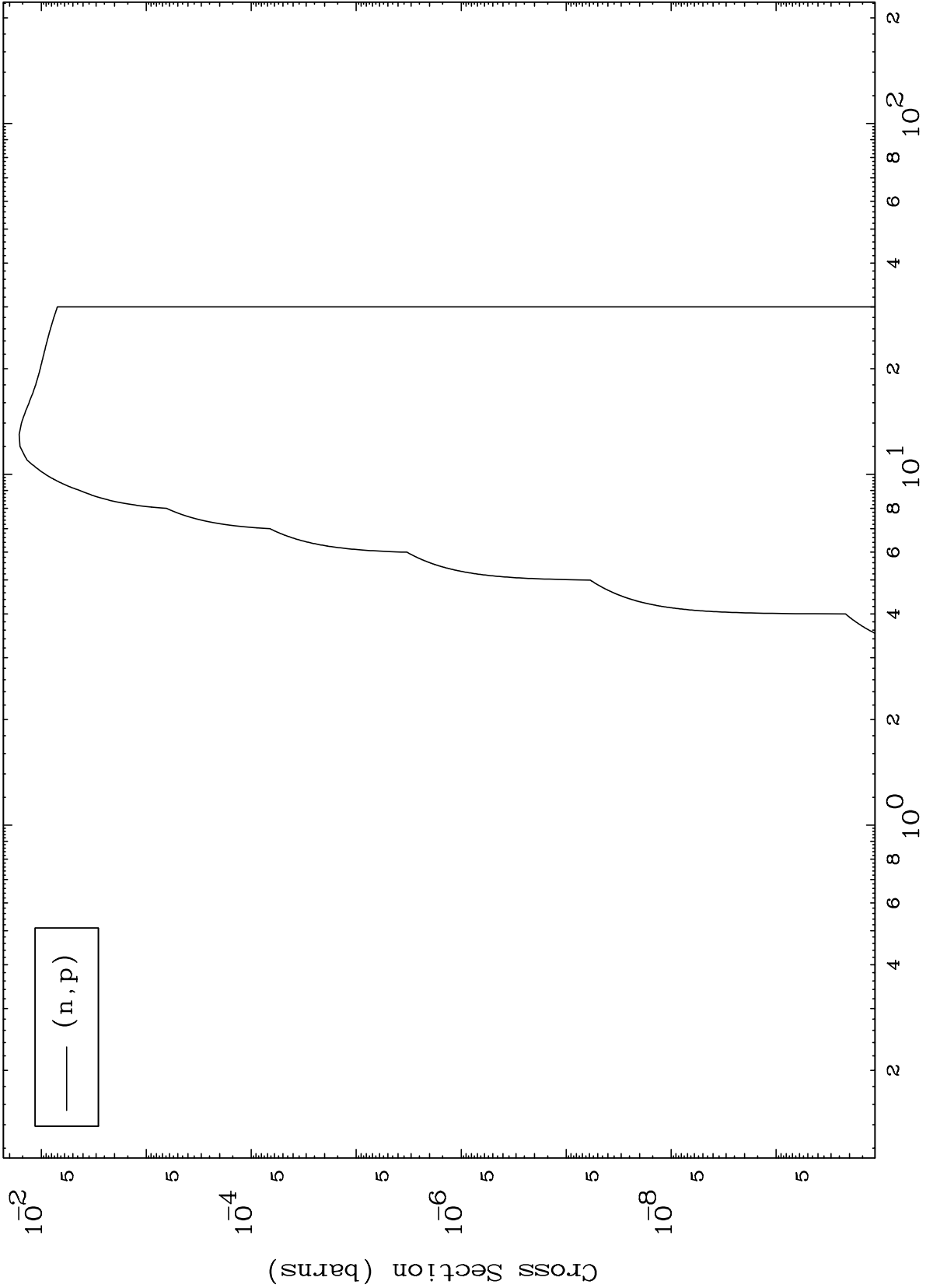


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(t,p) Levels

⁷¹Lu-163

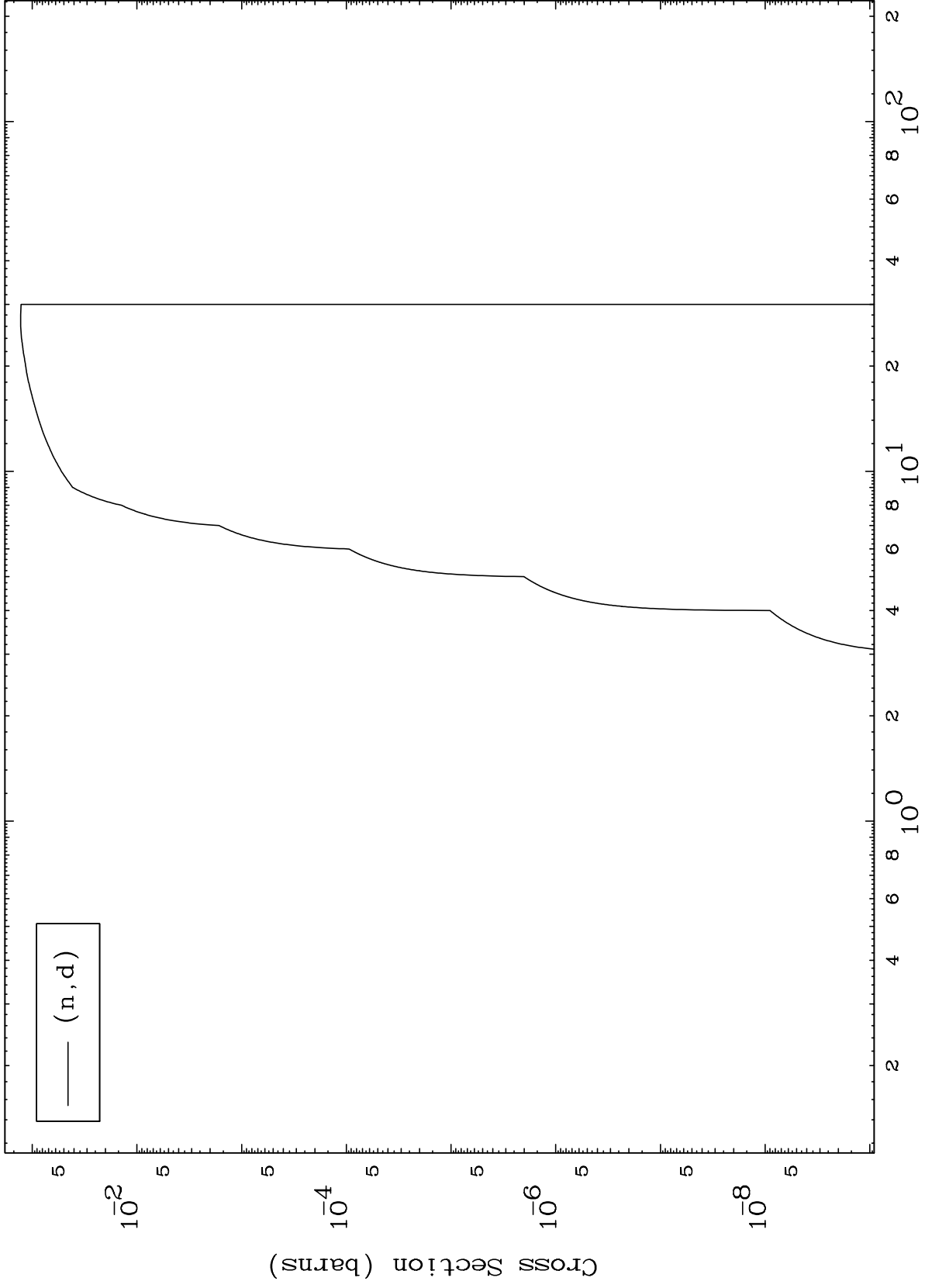
0 Kelvin Cross Sections



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(t,d) Levels
0 Kelvin Cross Sections

71-Lu-163

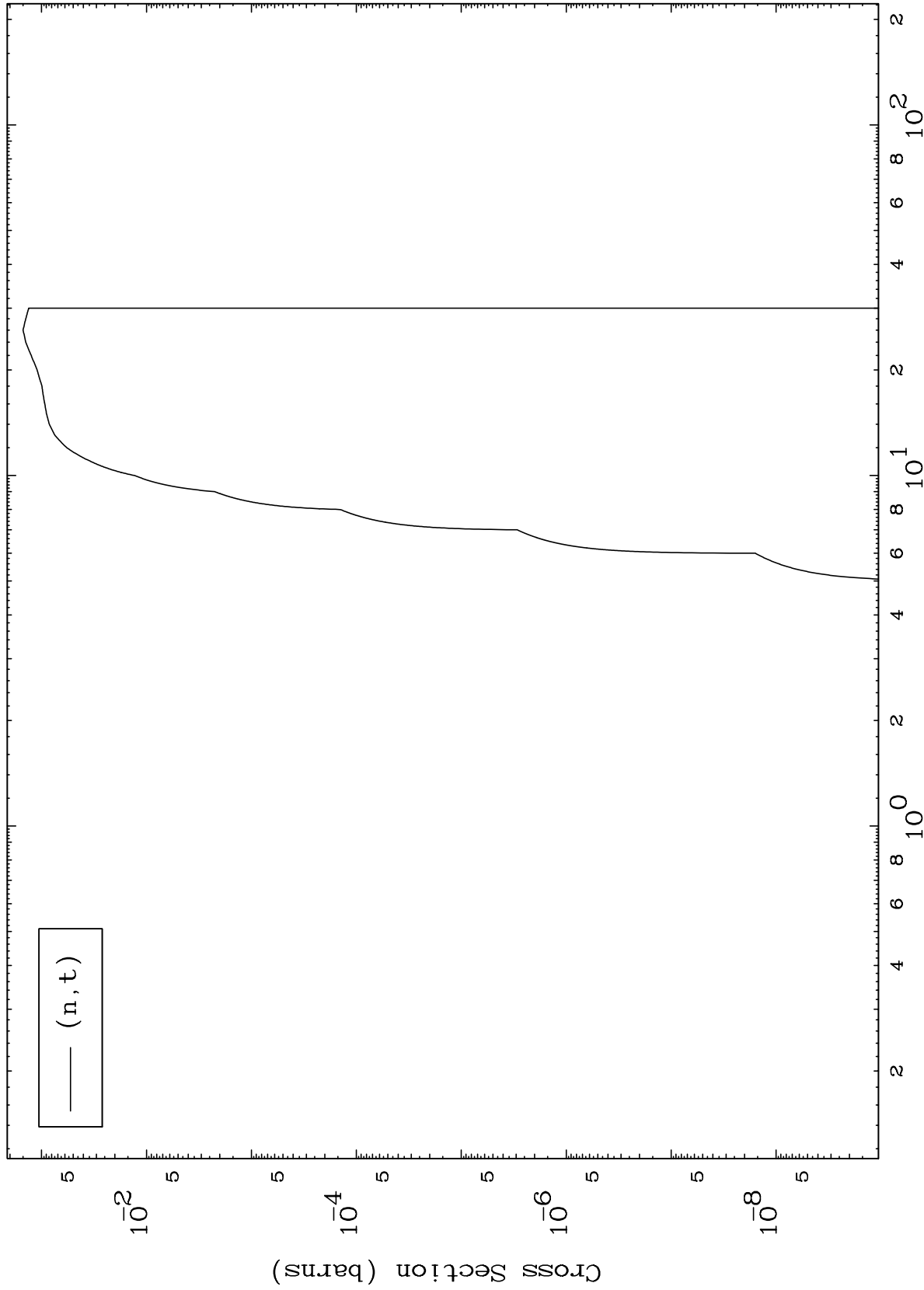


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(t, t) Levels

71-Lu-163

0 Kelvin Cross Sections



10

Incident Energy (MeV)

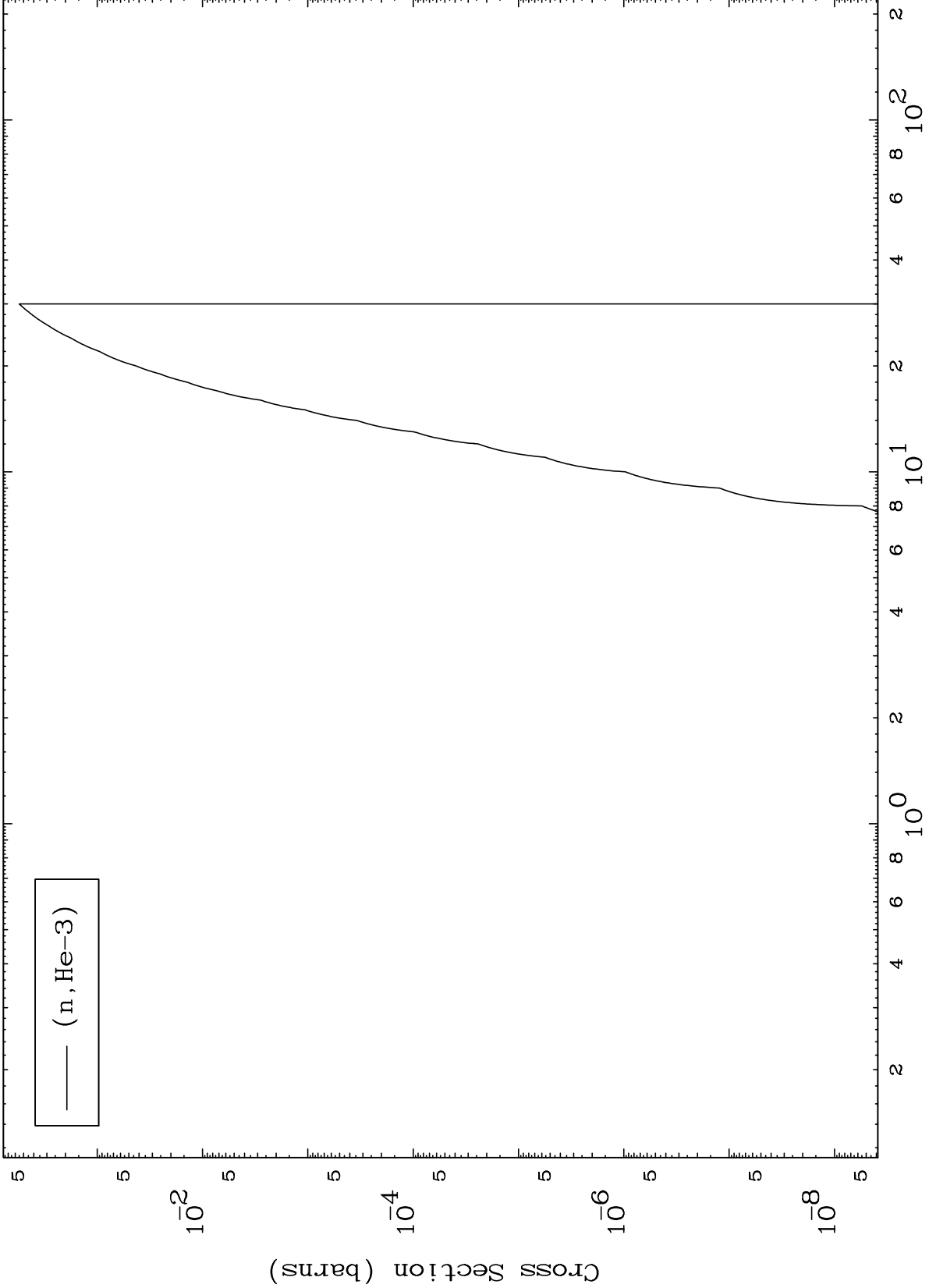
71-Lu-163

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(t,He3) Levels

71-Lu-163

0 Kelvin Cross Sections

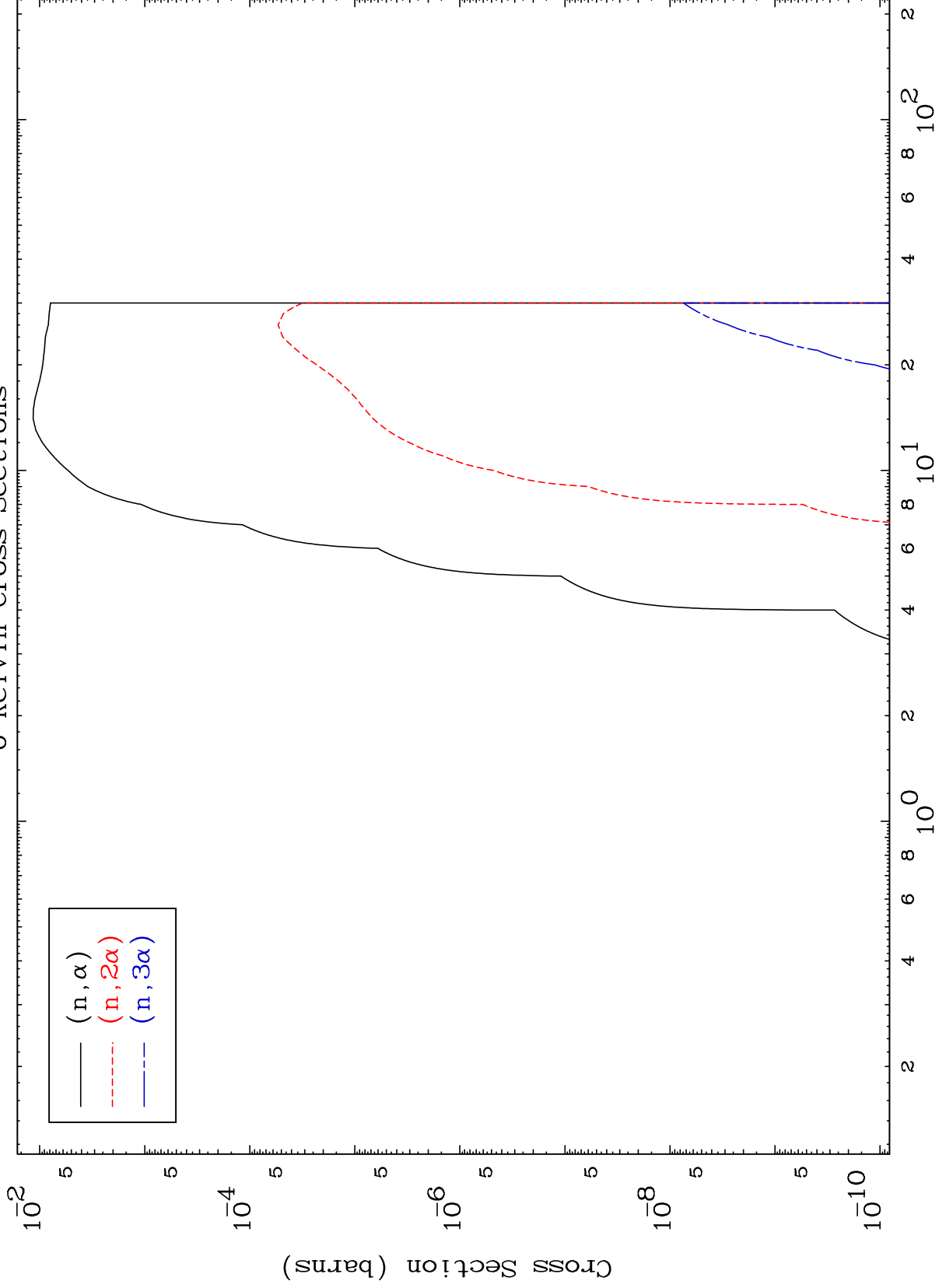


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(t, α) Levels

⁷¹Lu-163

0 Kelvin Cross Sections

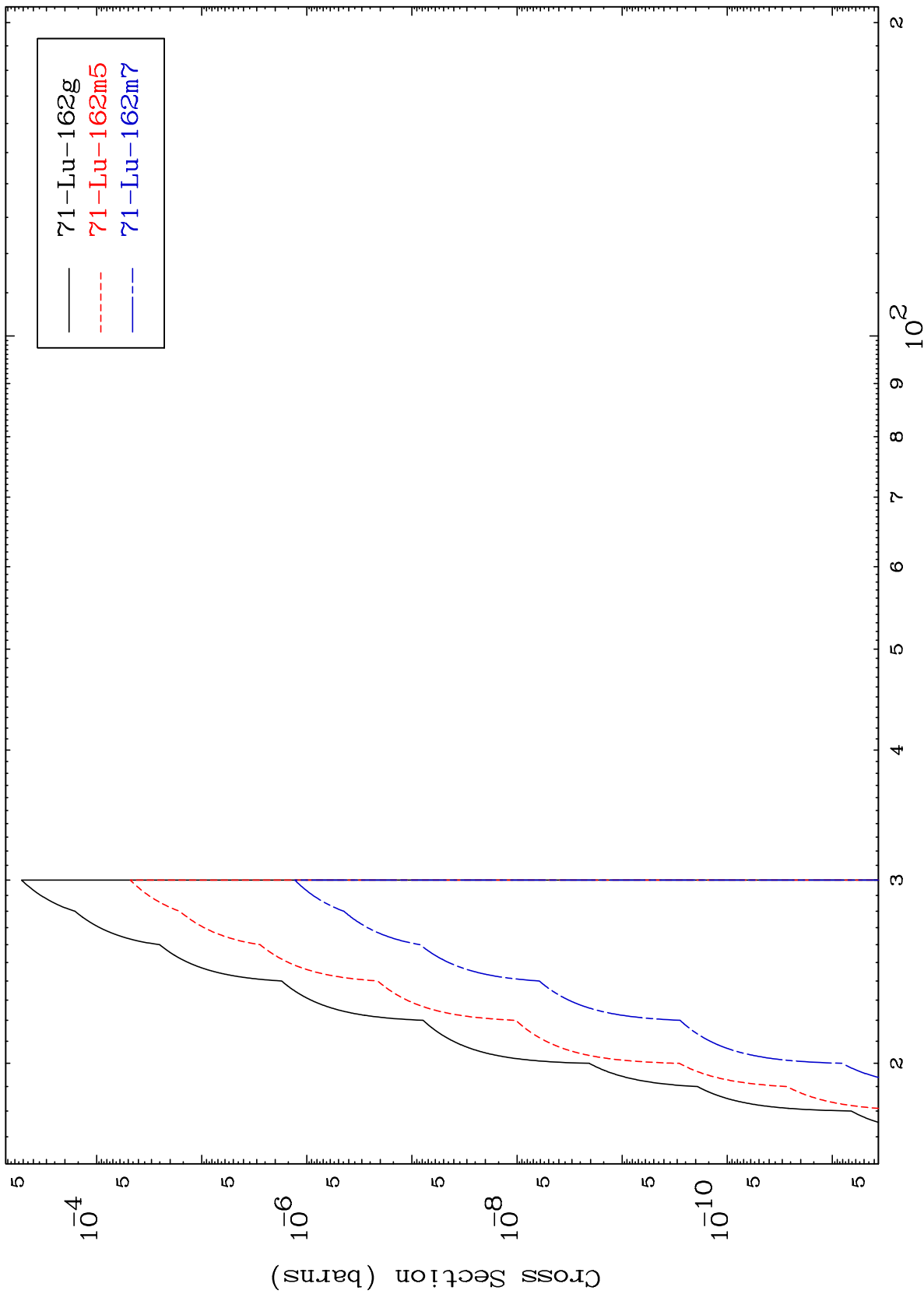


12

Incident Energy (MeV)

⁷¹Lu-163

Radionuclide Production Cross Section

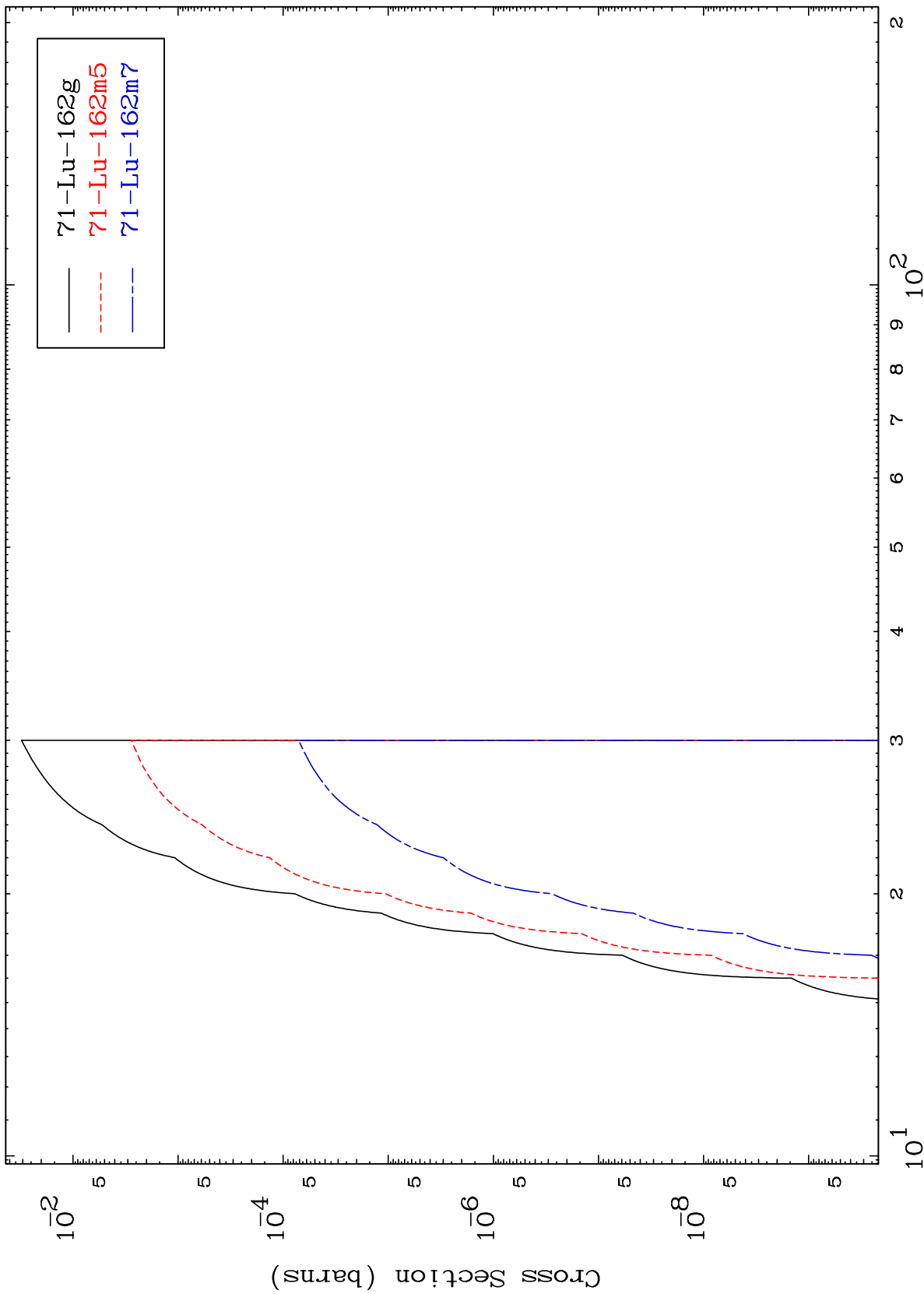


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(n,n') t

71-Lu-163

Radionuclide Production Cross Section



14

Incident Energy (MeV)

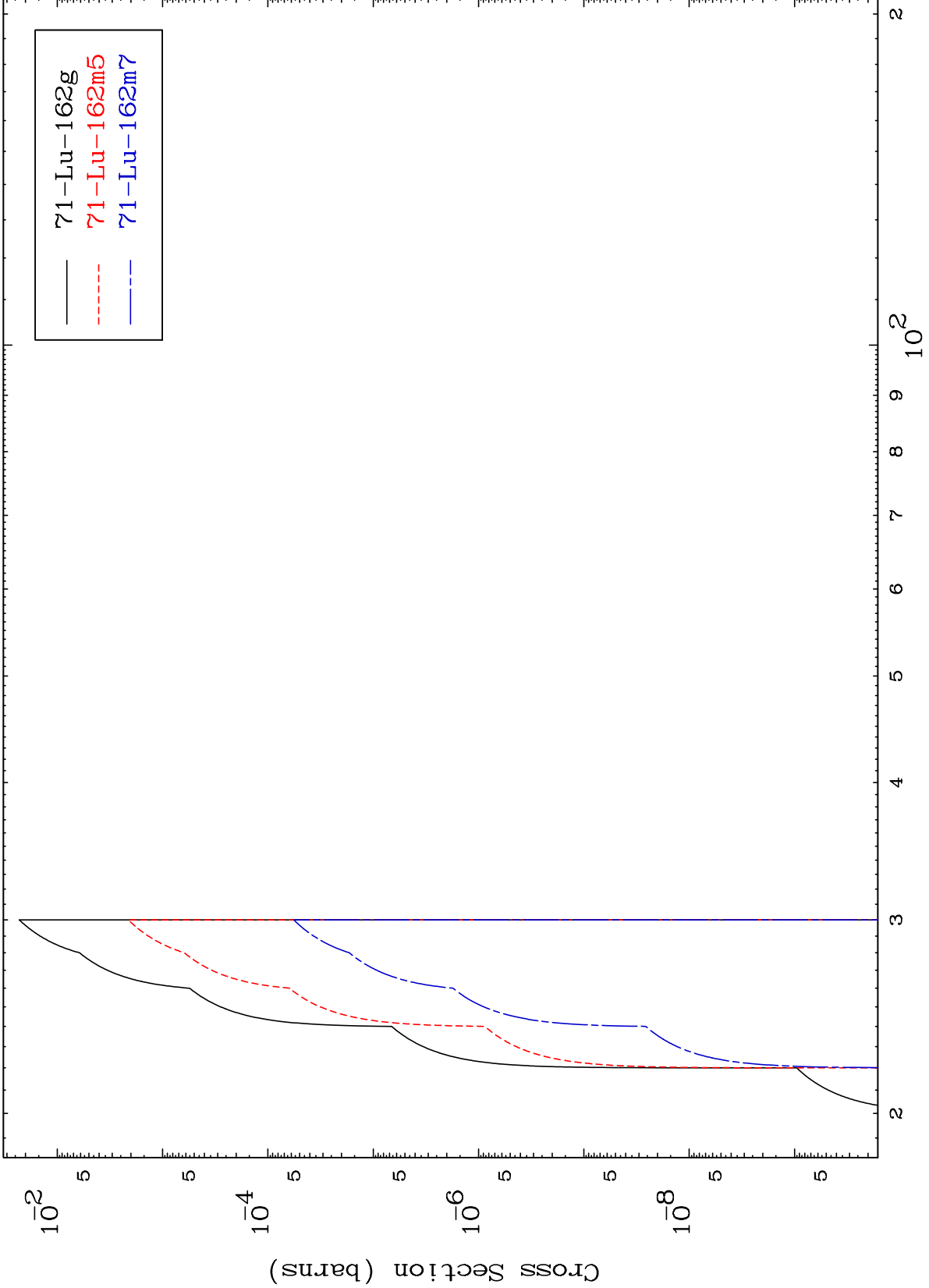
71-Lu-163

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(n,3n) p

71-Lu-163

Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m5
71-Lu-162m7

15

Incident Energy (MeV)

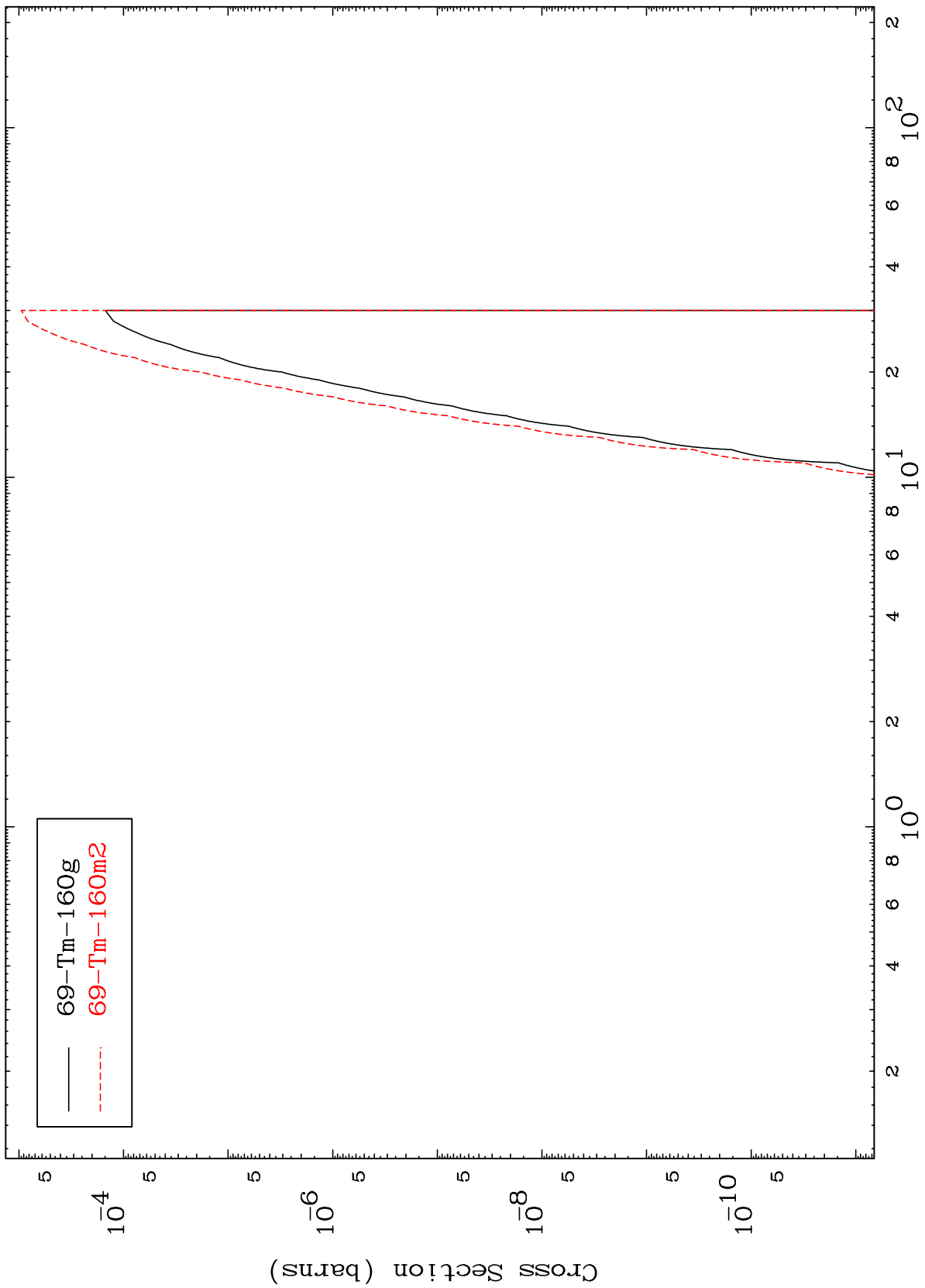
71-Lu-163

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(n,n') p α

71-Lu-163

Radionuclide Production Cross Section



16

Incident Energy (MeV)

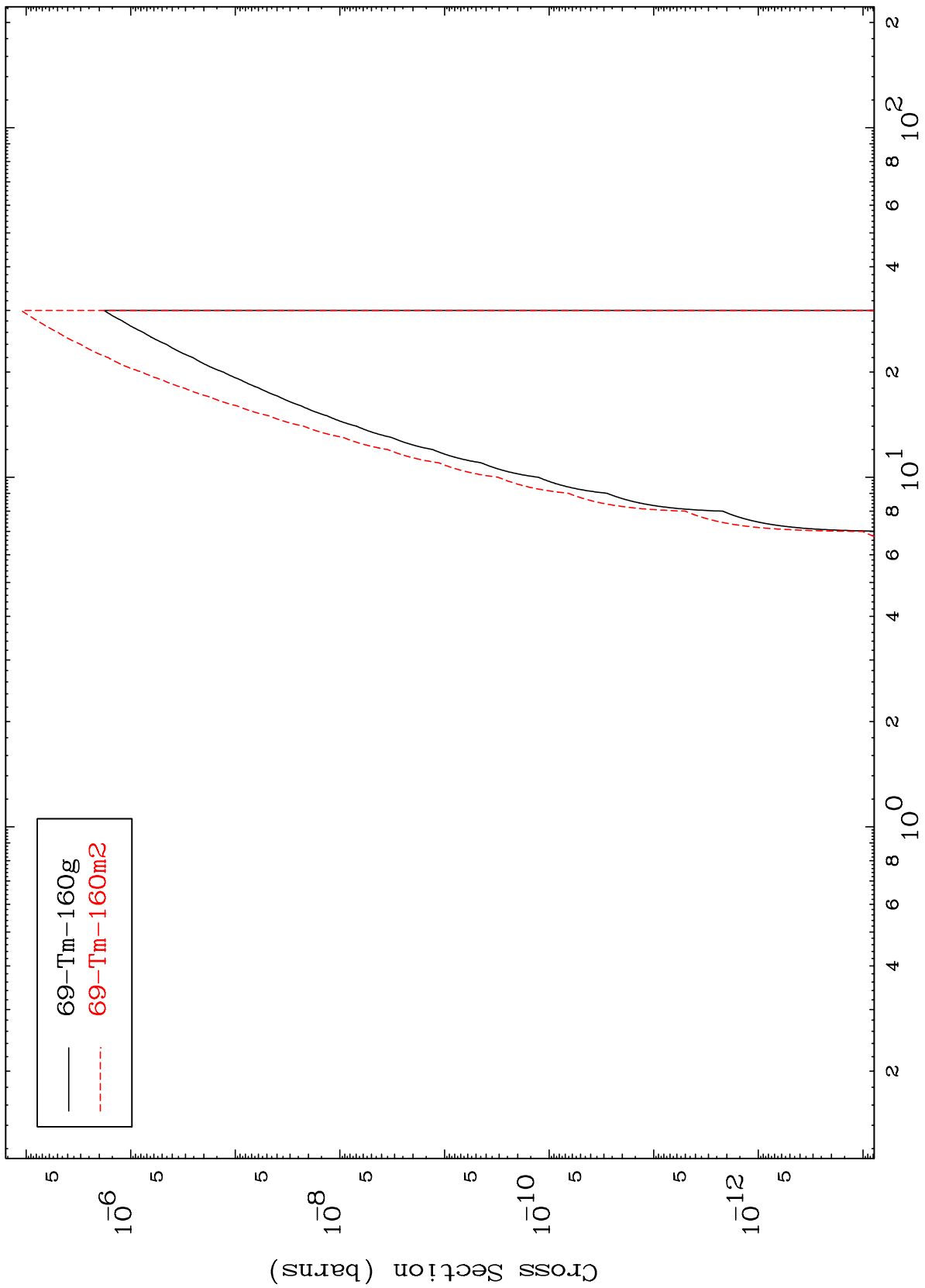
71-Lu-163

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(n,d) α

71-Lu-163

Radionuclide Production Cross Section



17

Incident Energy (MeV)

71-Lu-163