

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

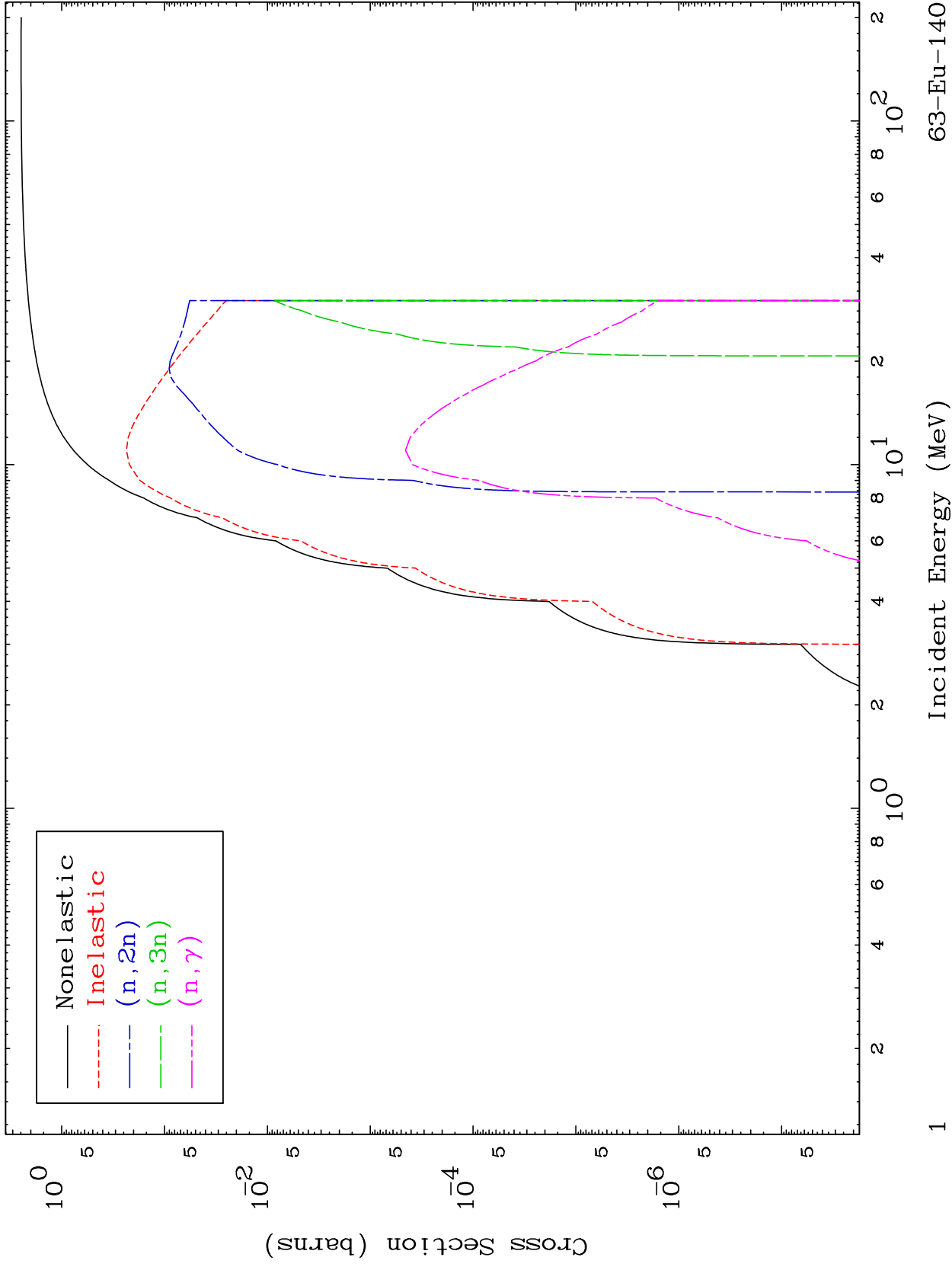
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

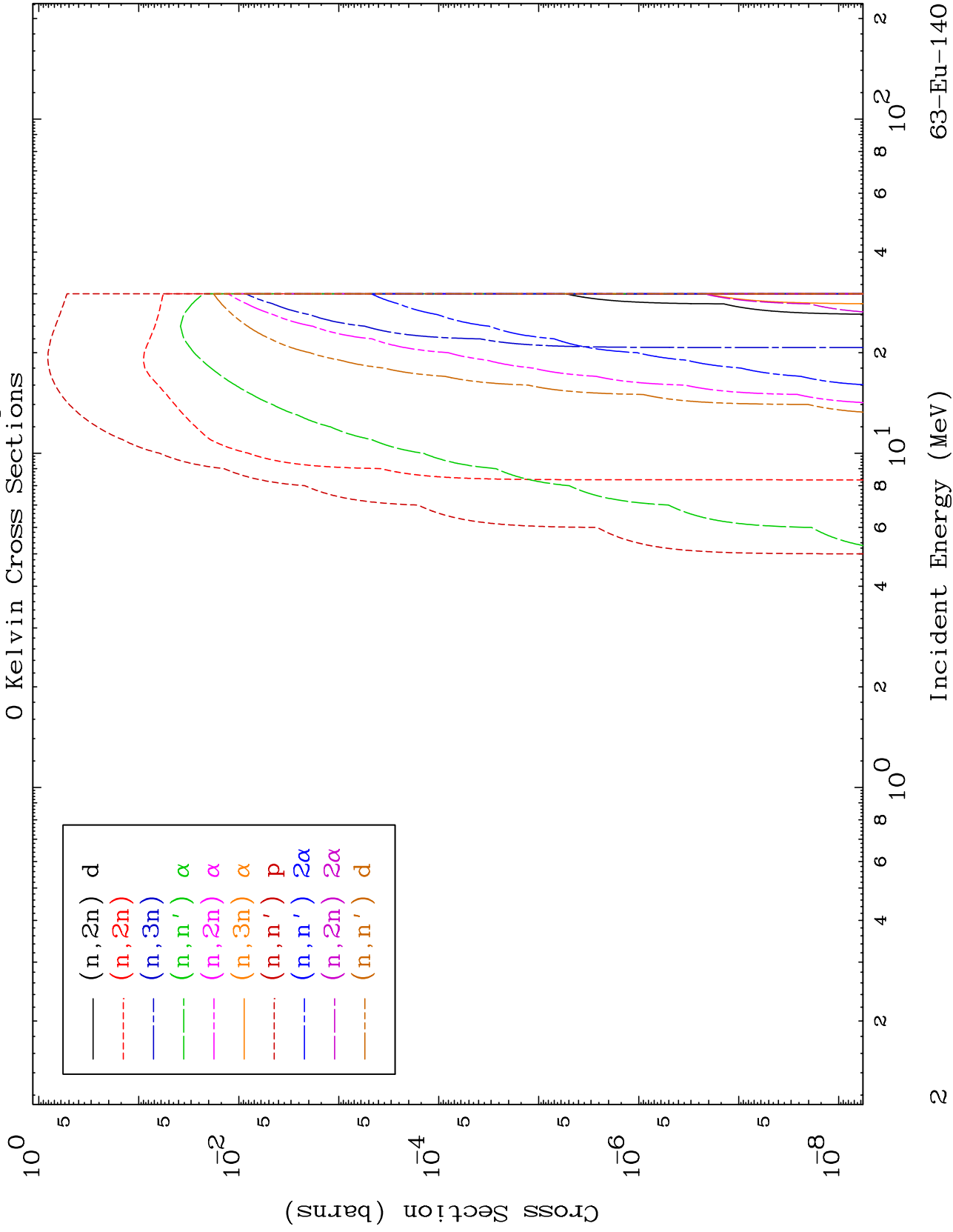
Tele: 925-443-1911

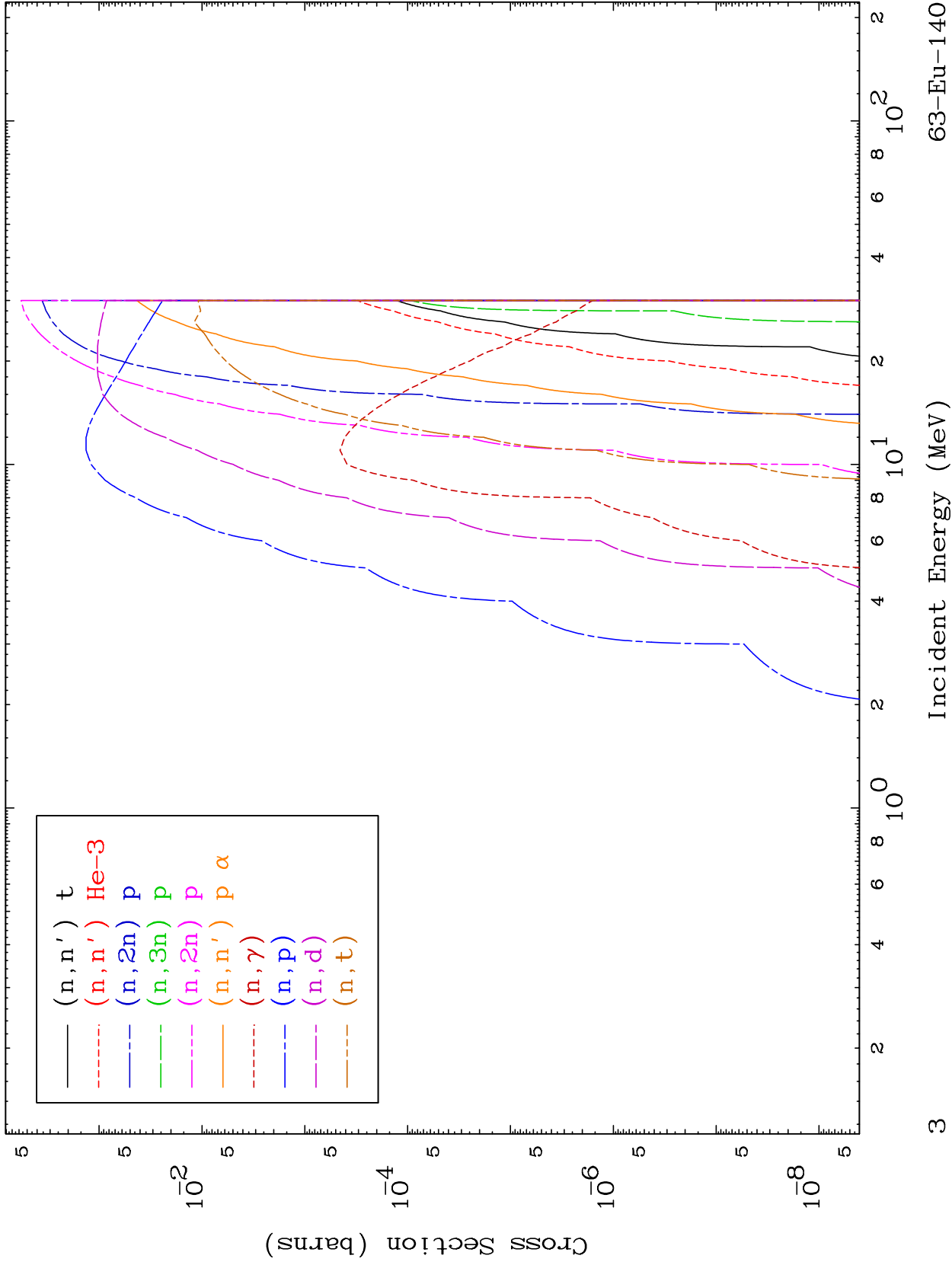
E.Mail:redcullen1@comcast.net

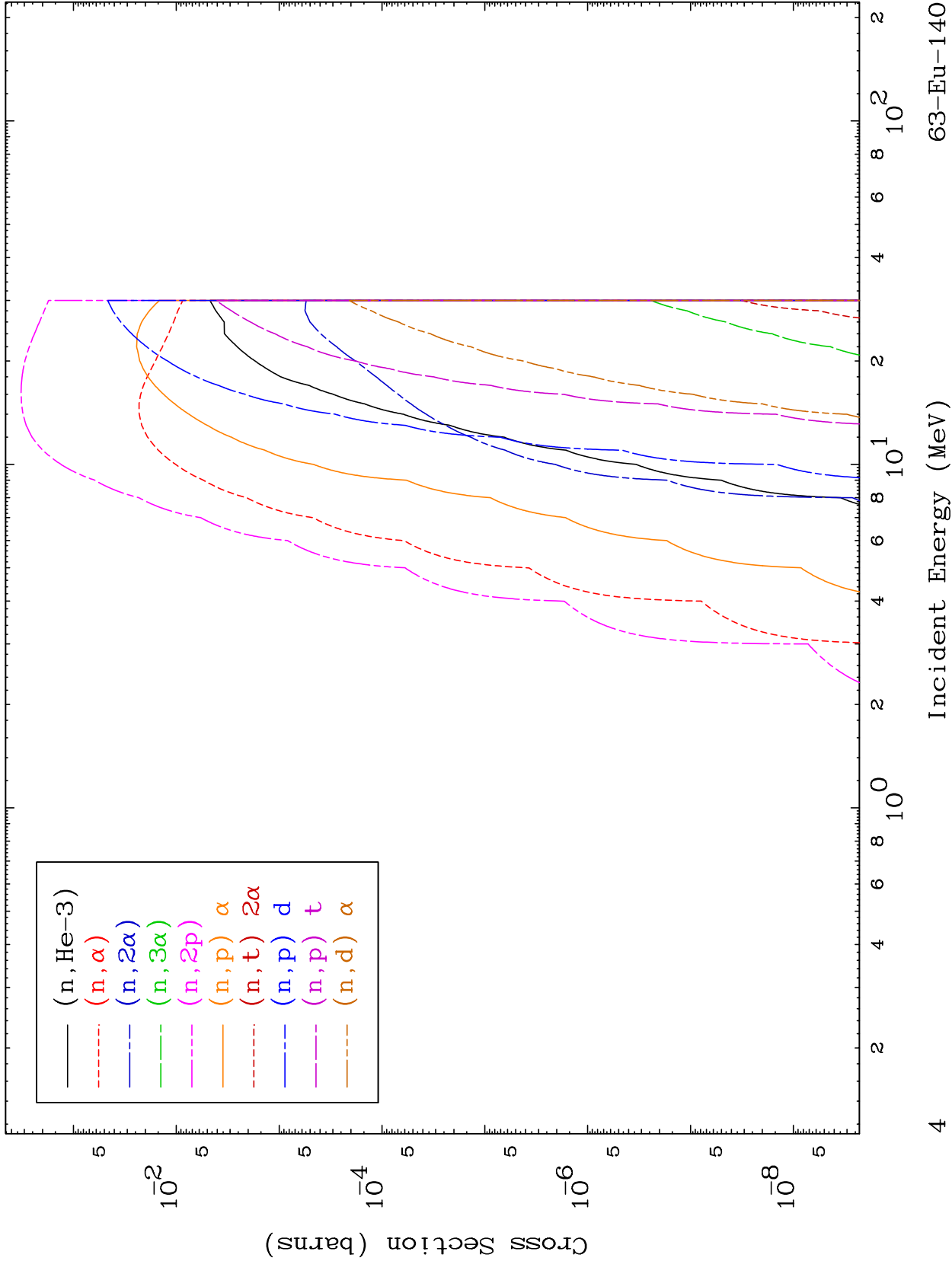
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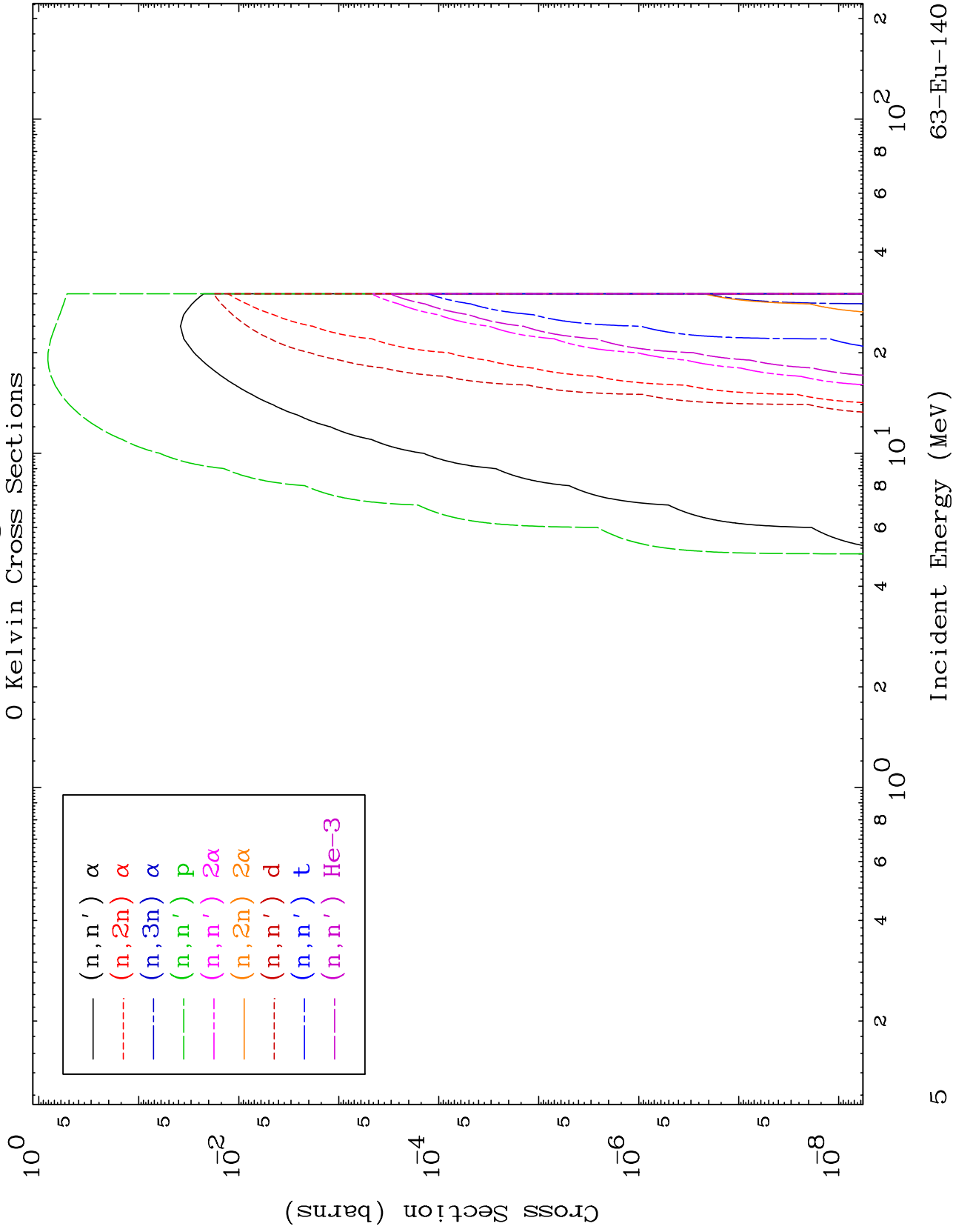
Press Mouse Button to Start

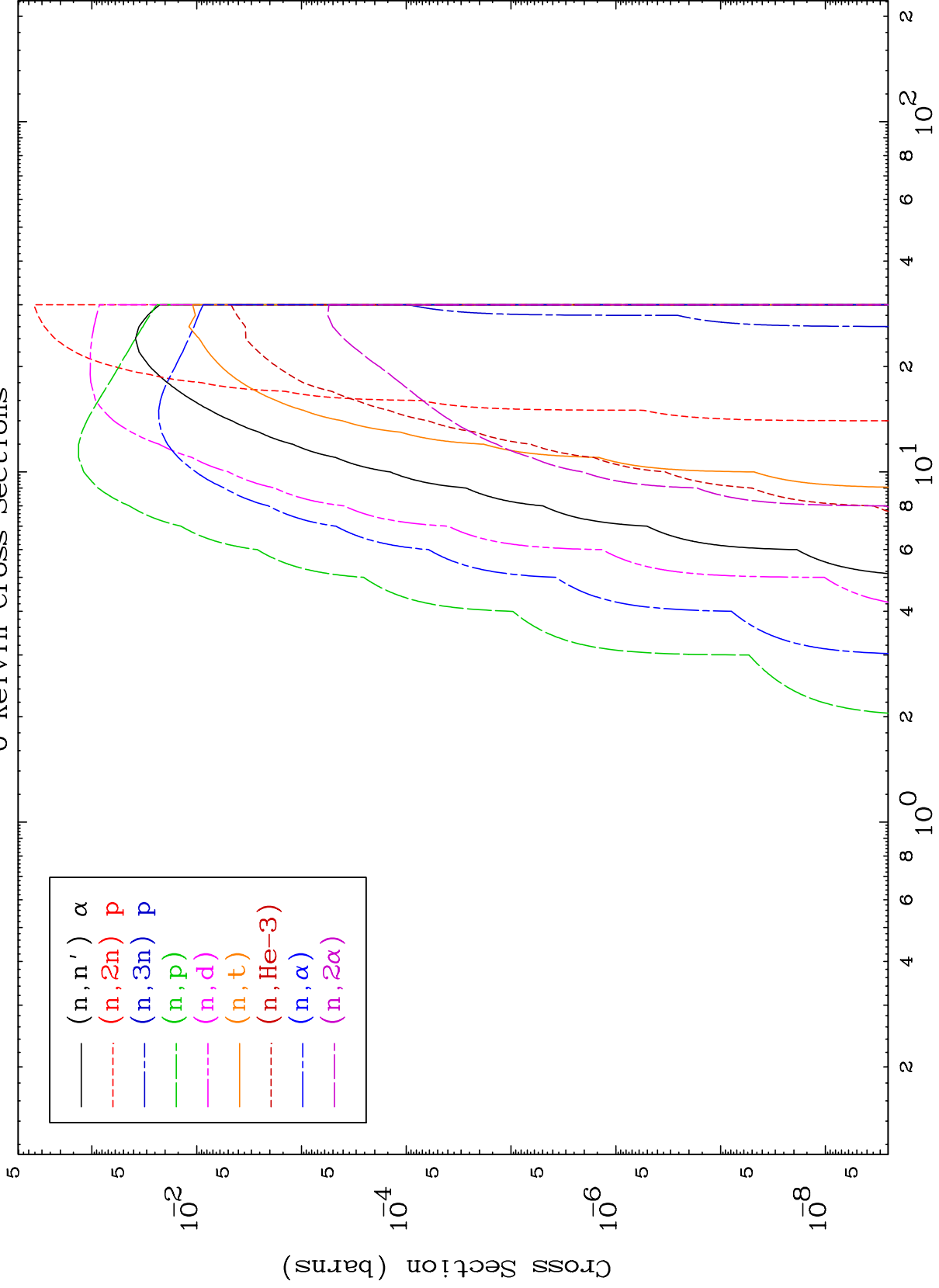


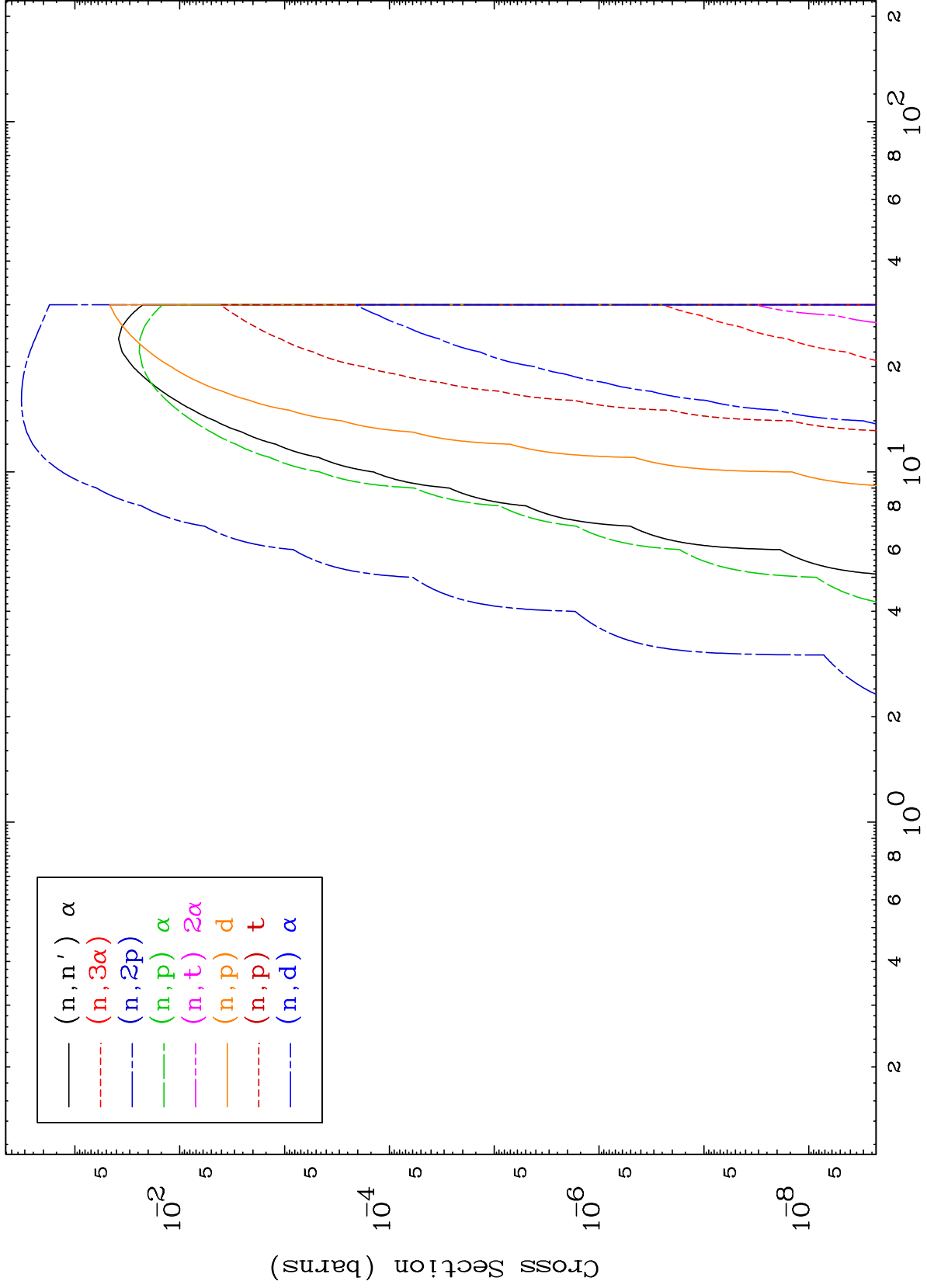








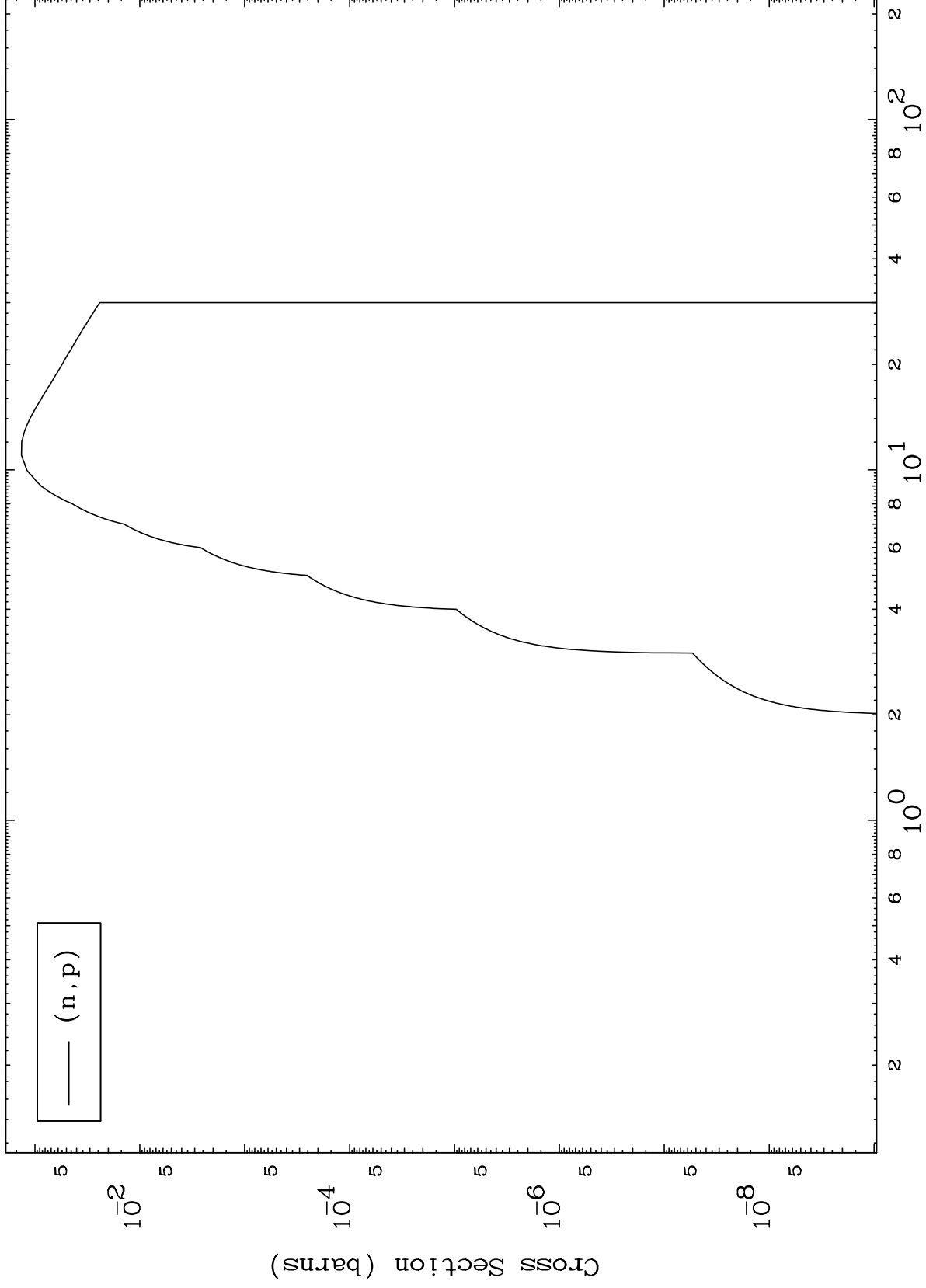




MAT 6292

(d,p) Levels
0 Kelvin Cross Sections

63-Eu-140

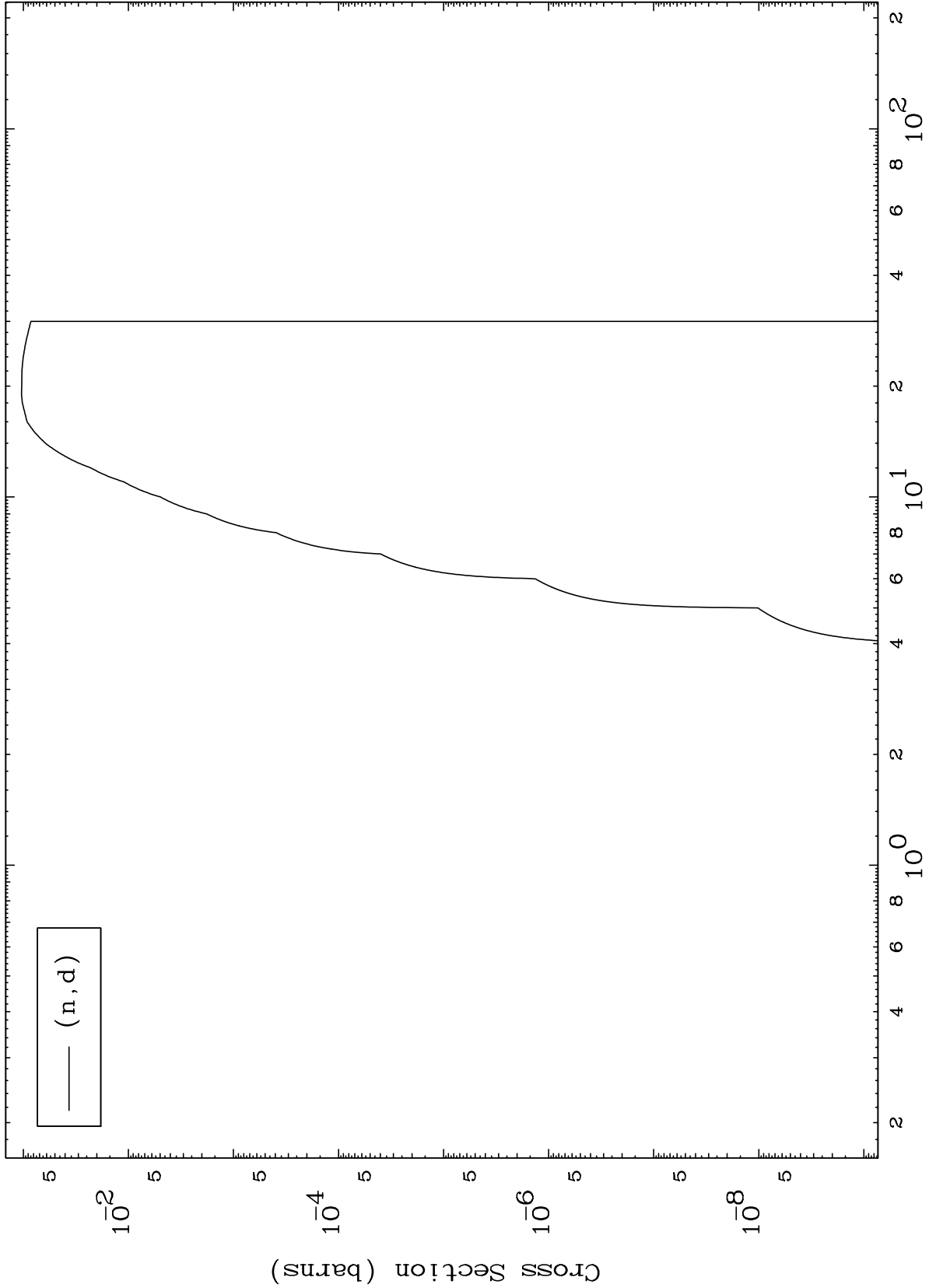


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(d,d) Levels

63-Eu-140

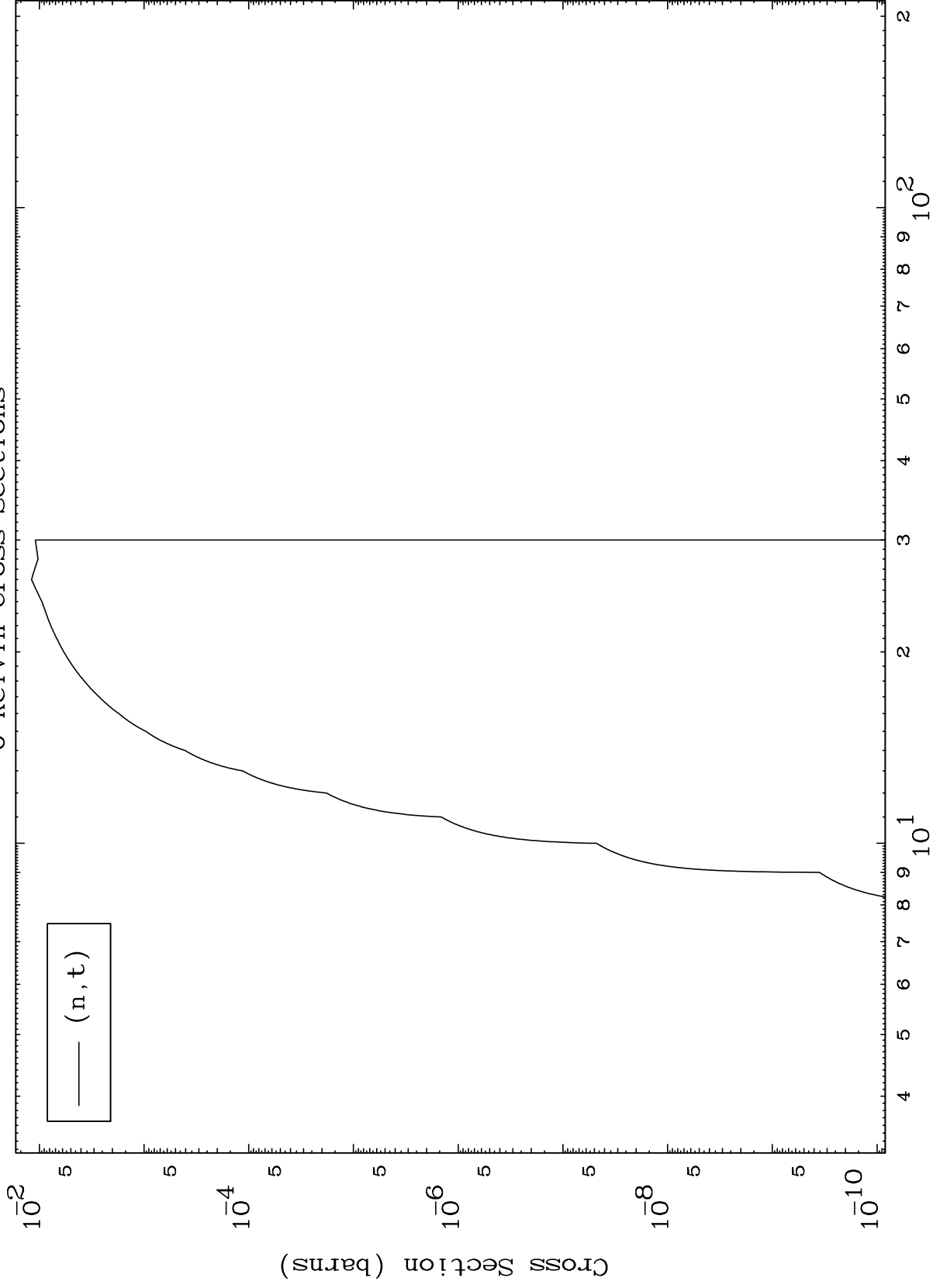
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

63-Eu-140



10

Incident Energy (MeV)

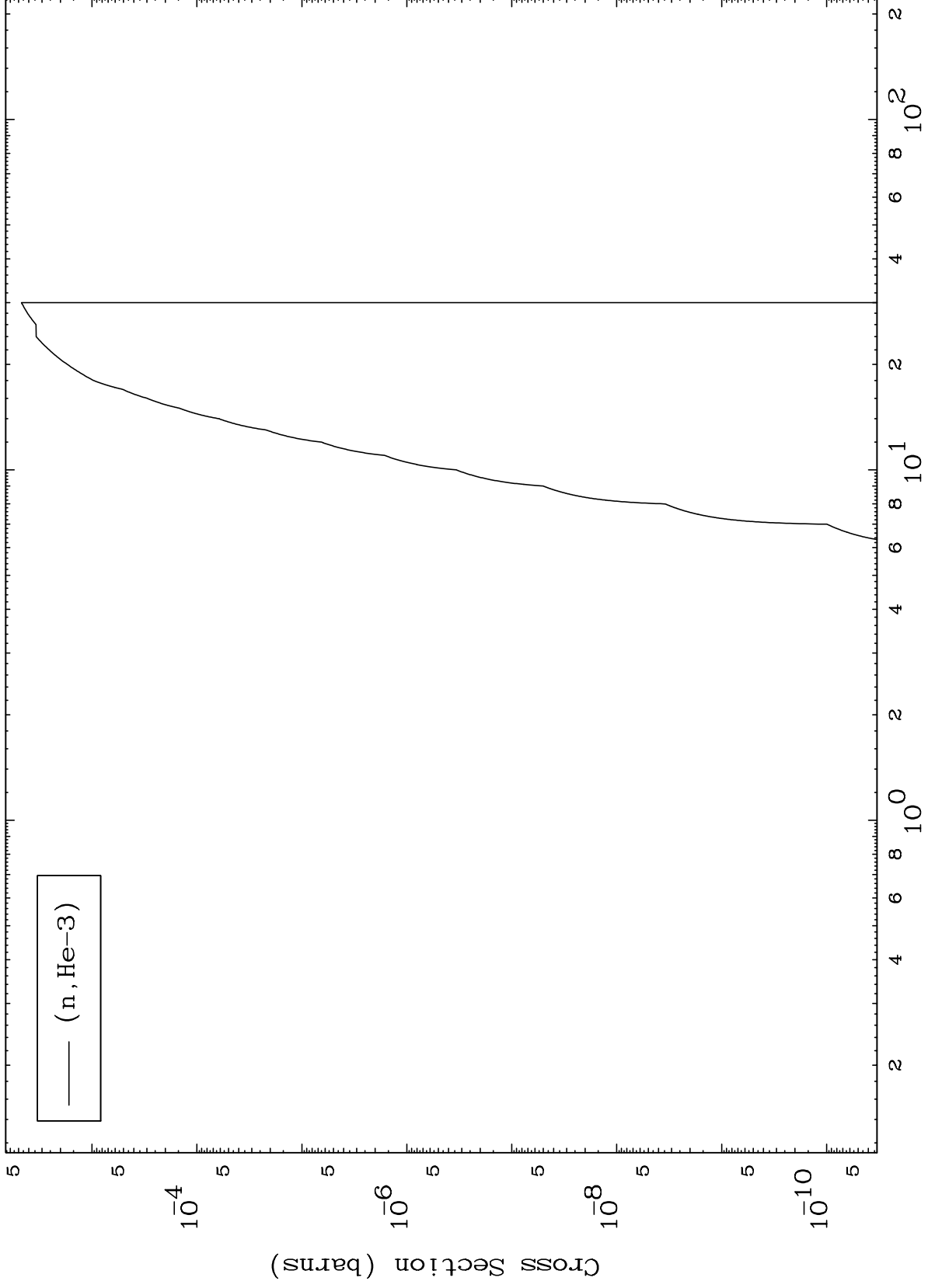
63-Eu-140

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(d,He3) Levels

63-Eu-140

0 Kelvin Cross Sections

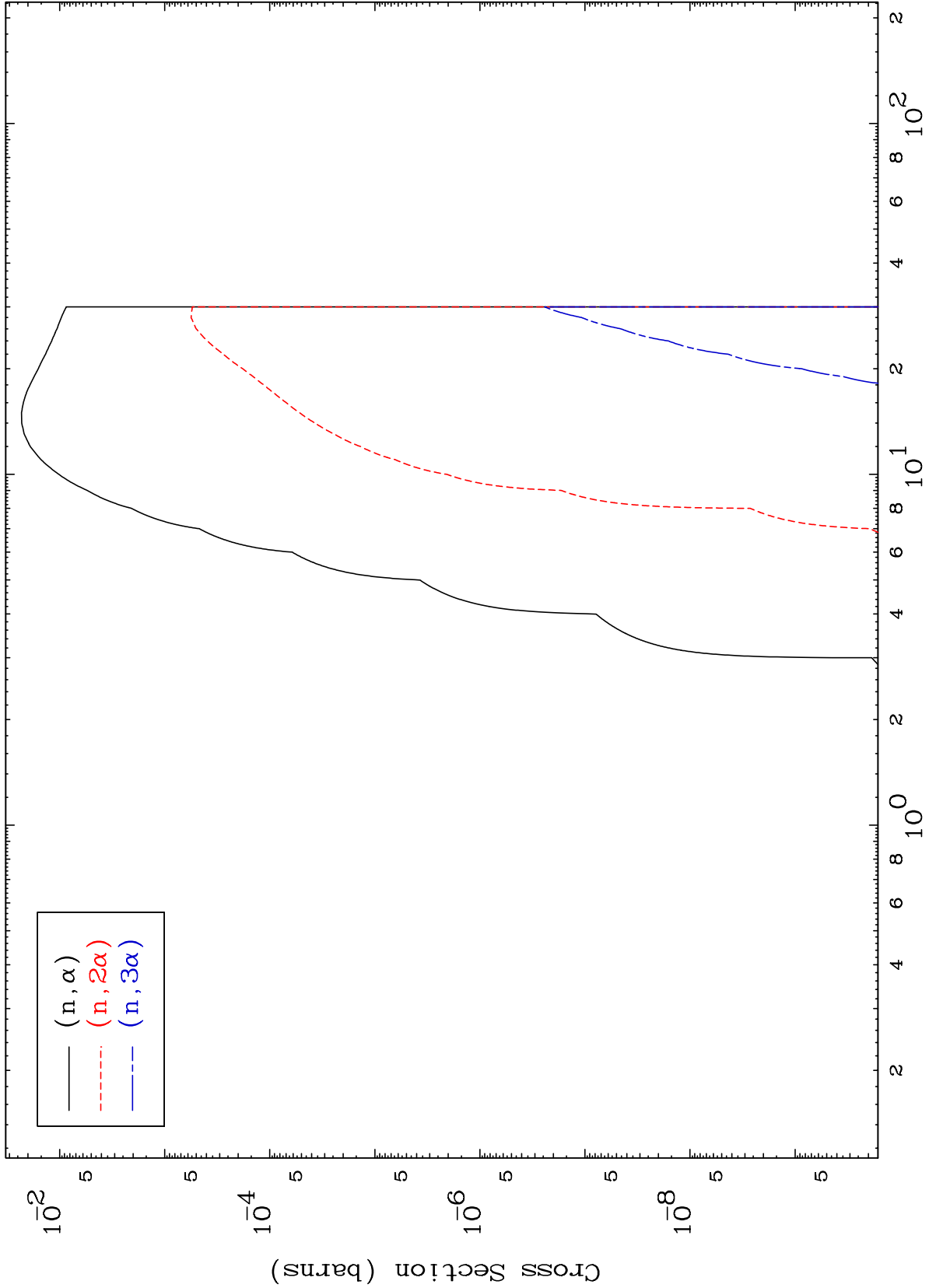


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(d, α) Levels

63-Eu-140

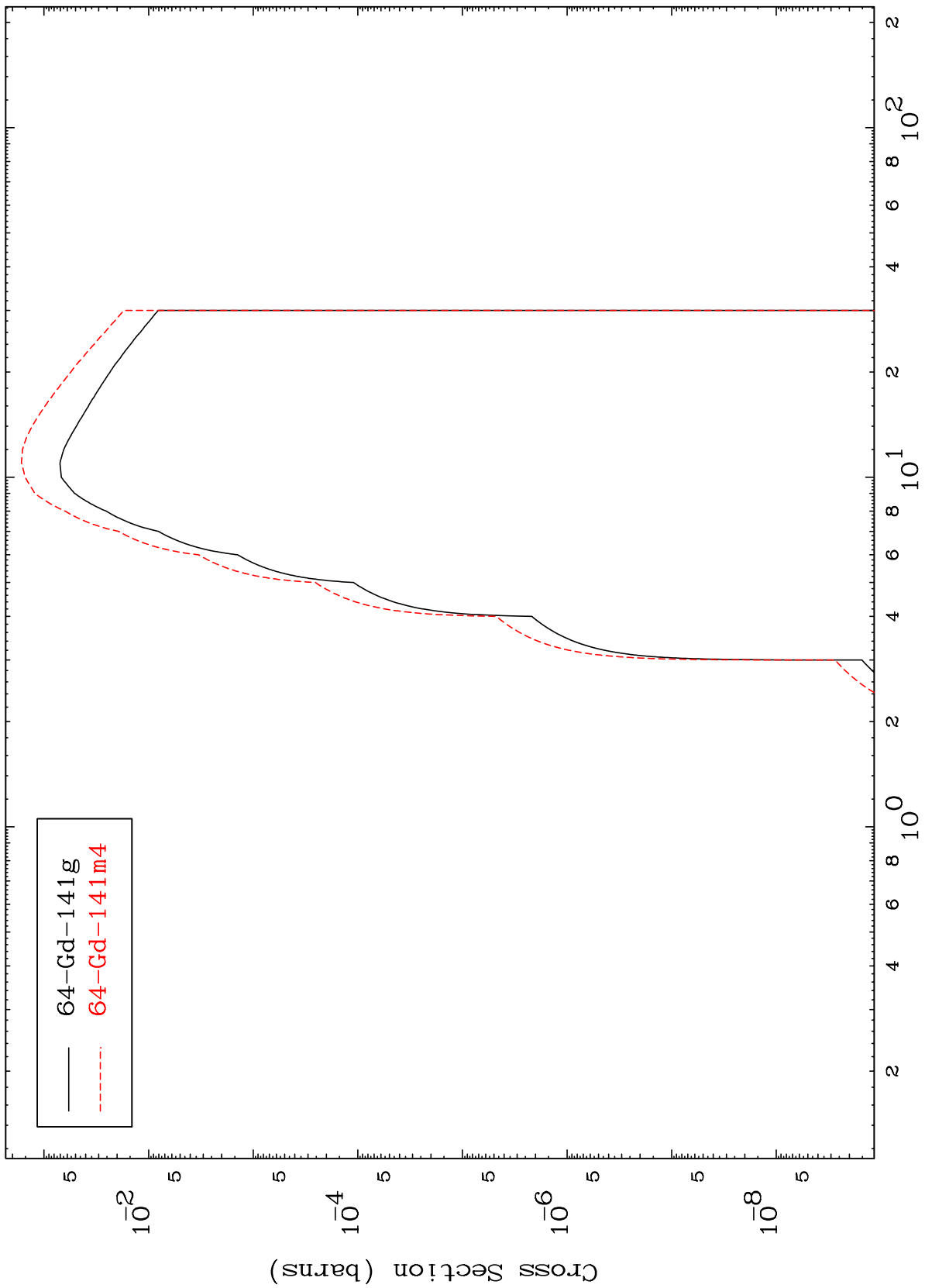
0 Kelvin Cross Sections



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63-Eu-140

Inelastic
Radionuclide Production Cross Section



63-Eu-140

Incident Energy (MeV)

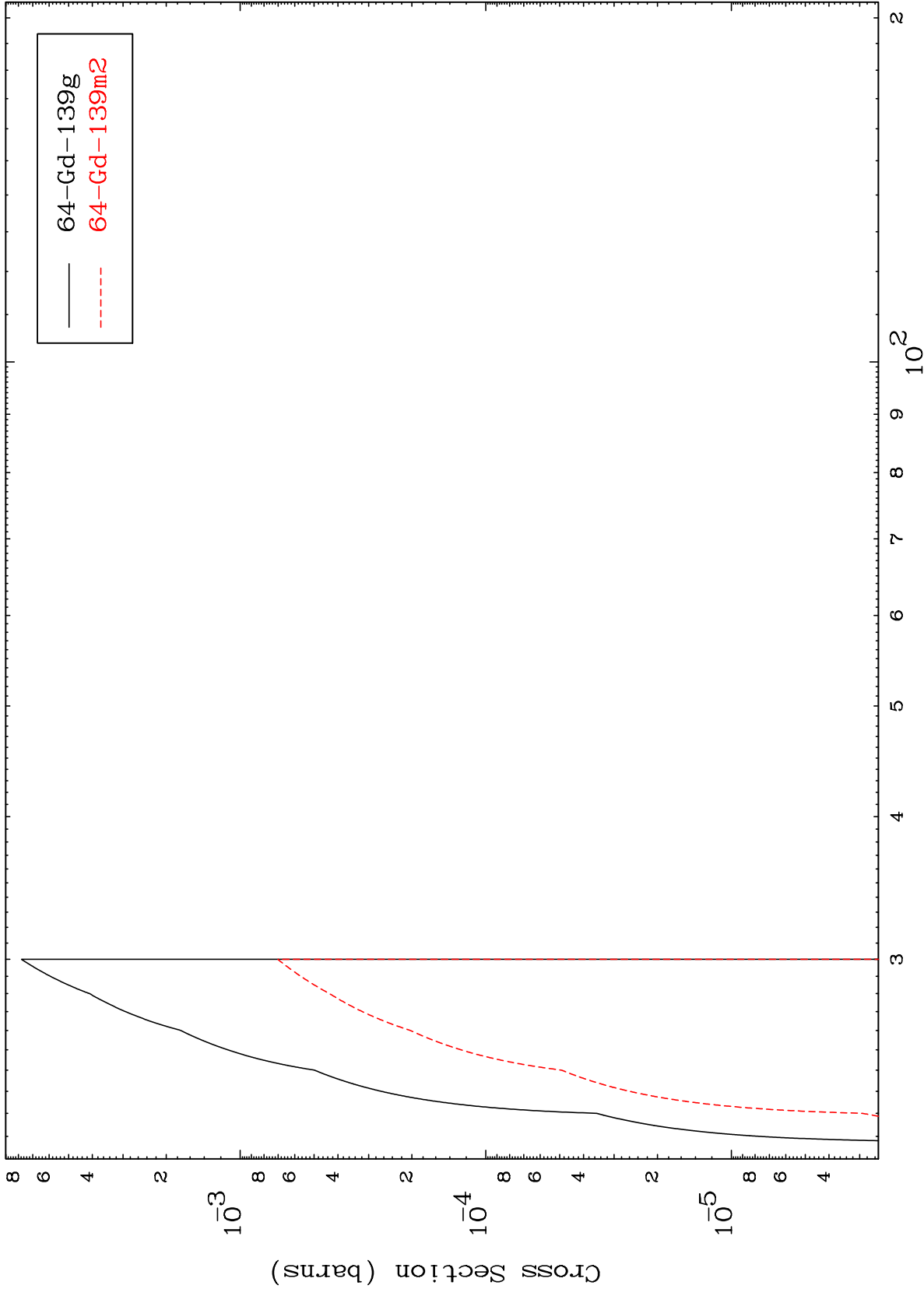
13

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(n,3n)

63-Eu-140

Radionuclide Production Cross Section



14

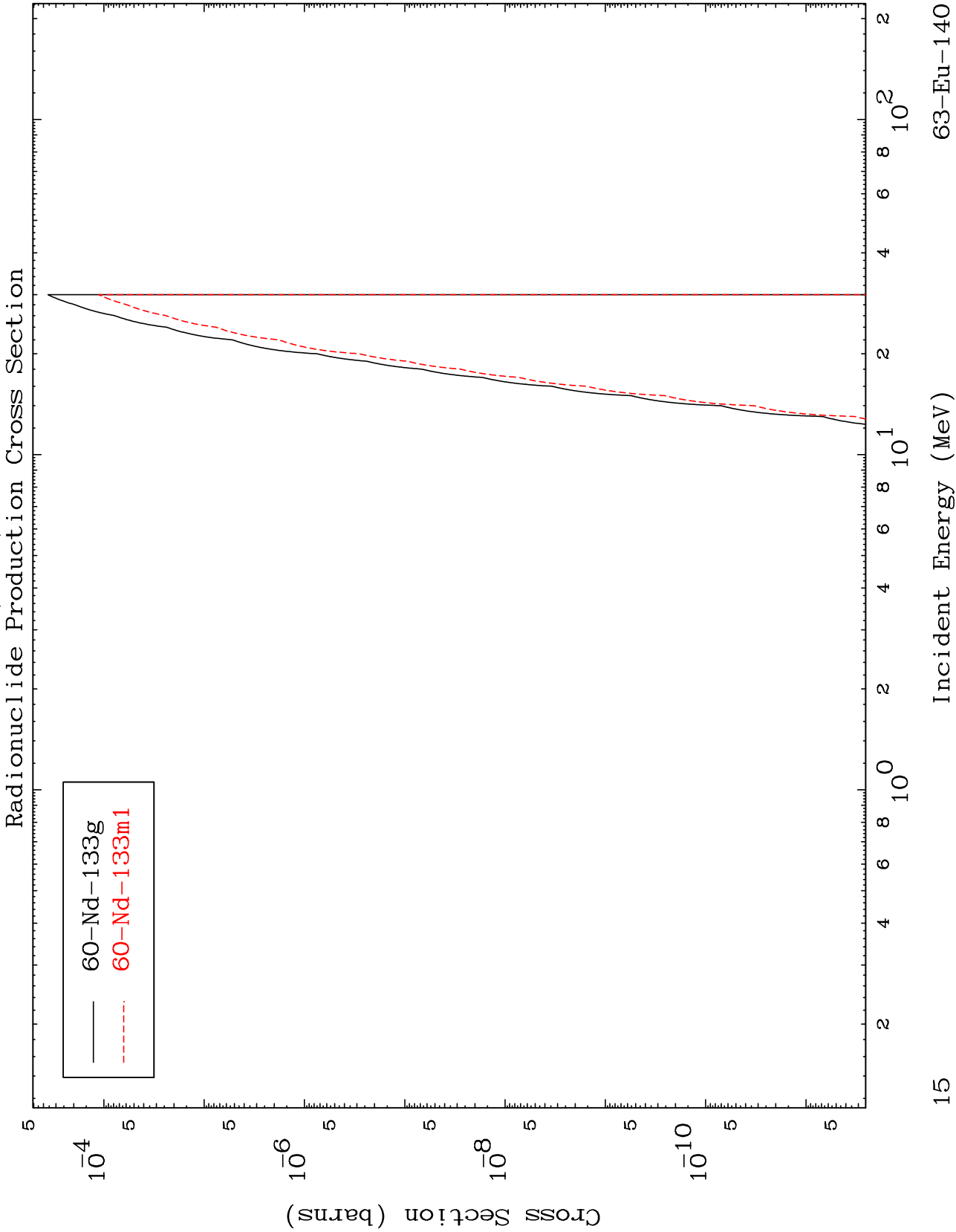
Incident Energy (MeV)

63-Eu-140

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(n,n') 2 α

63-Eu-140

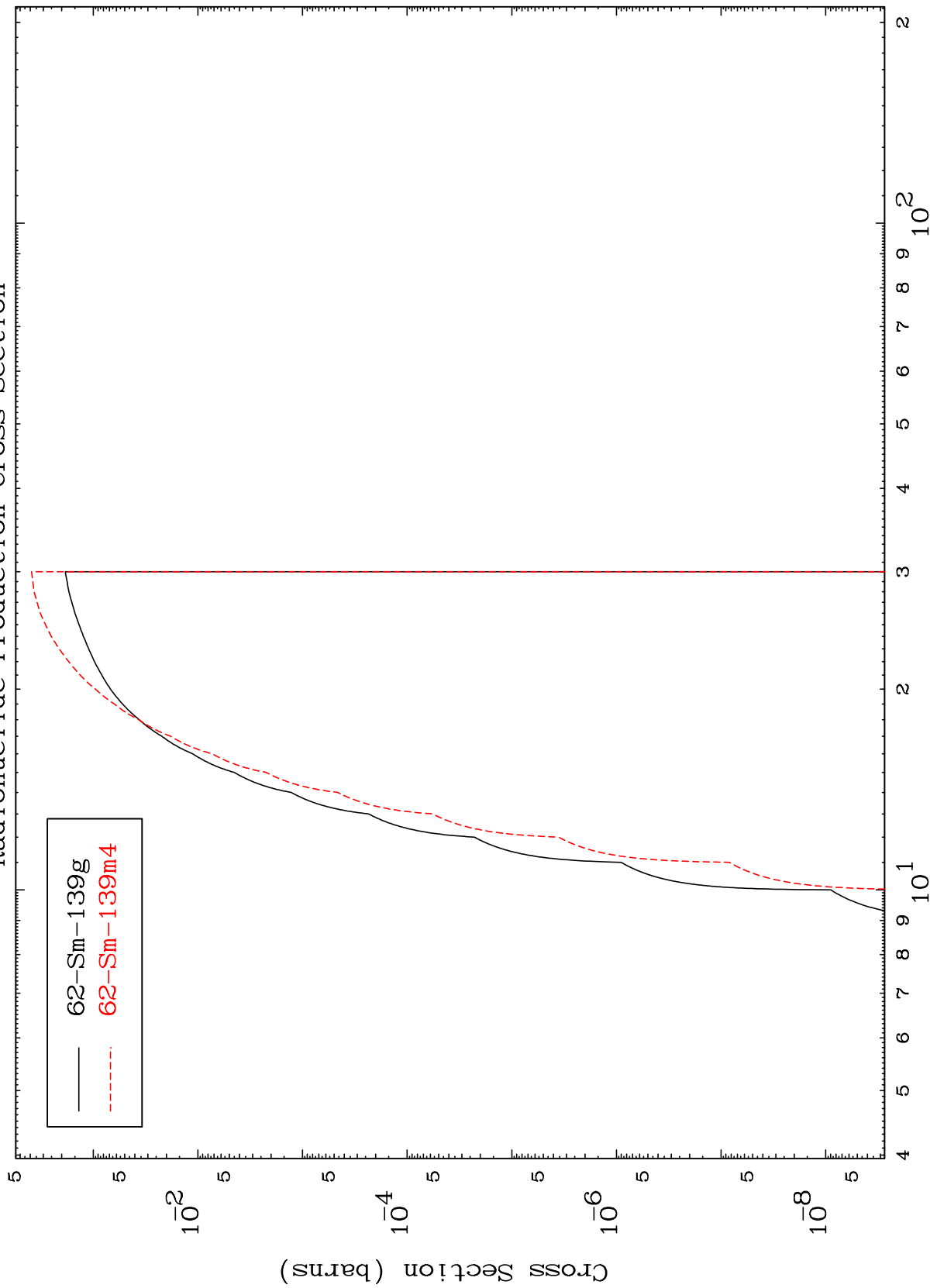


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(n,2n) p

63-Eu-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

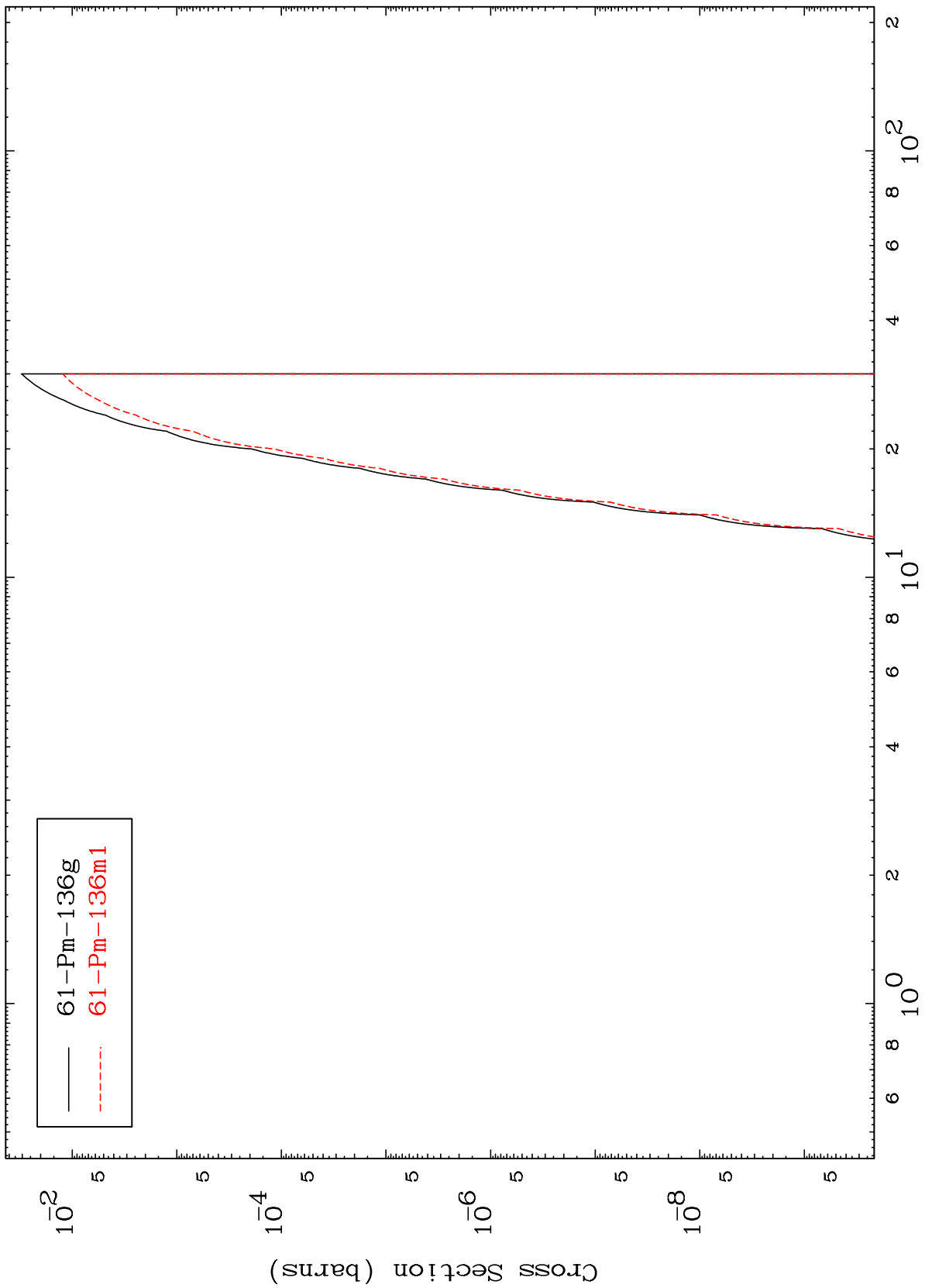
63-Eu-140

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(n,n') p α

63-Eu-140

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

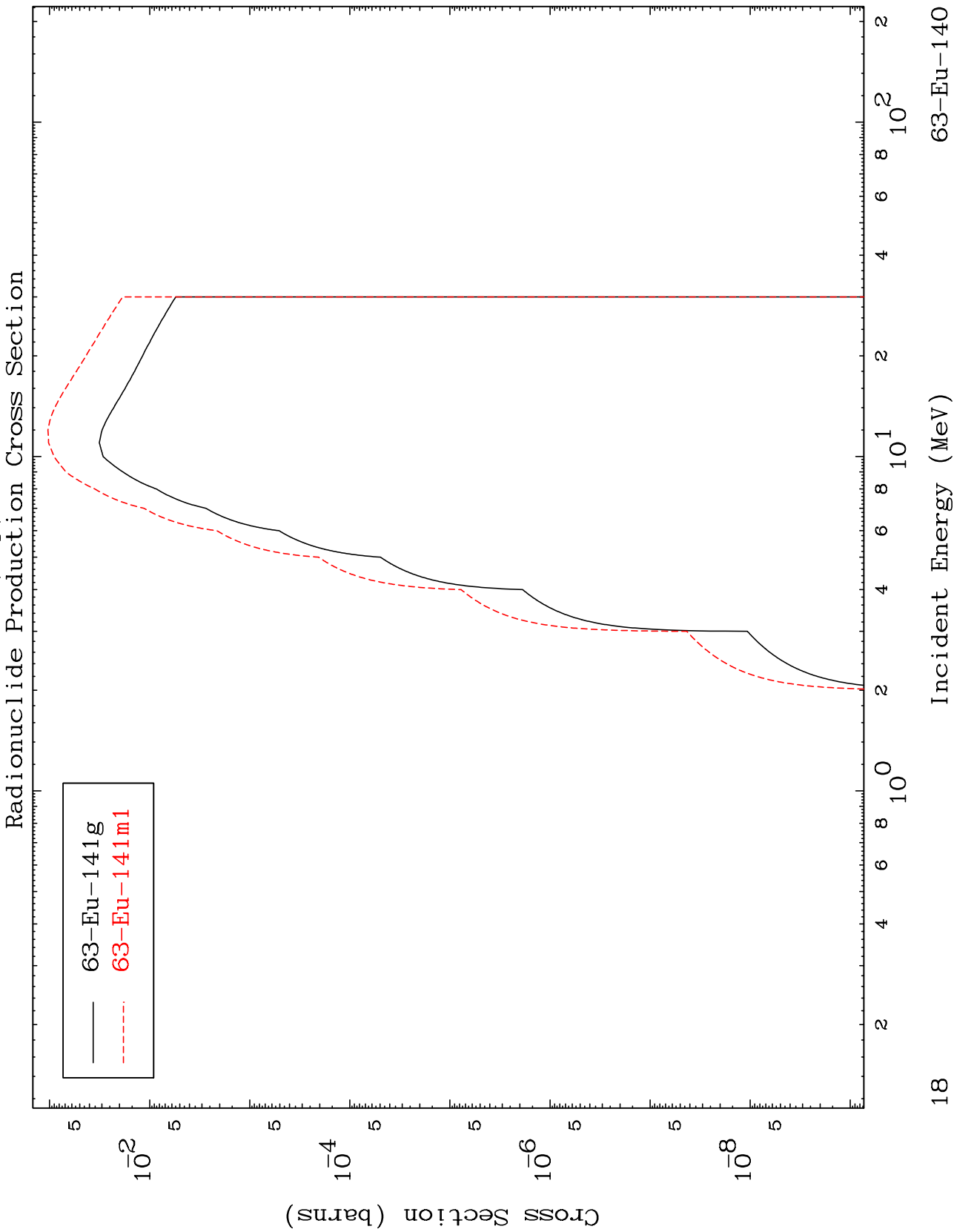
17

Incident Energy (MeV)

63-Eu-140

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⁶³-Eu-140

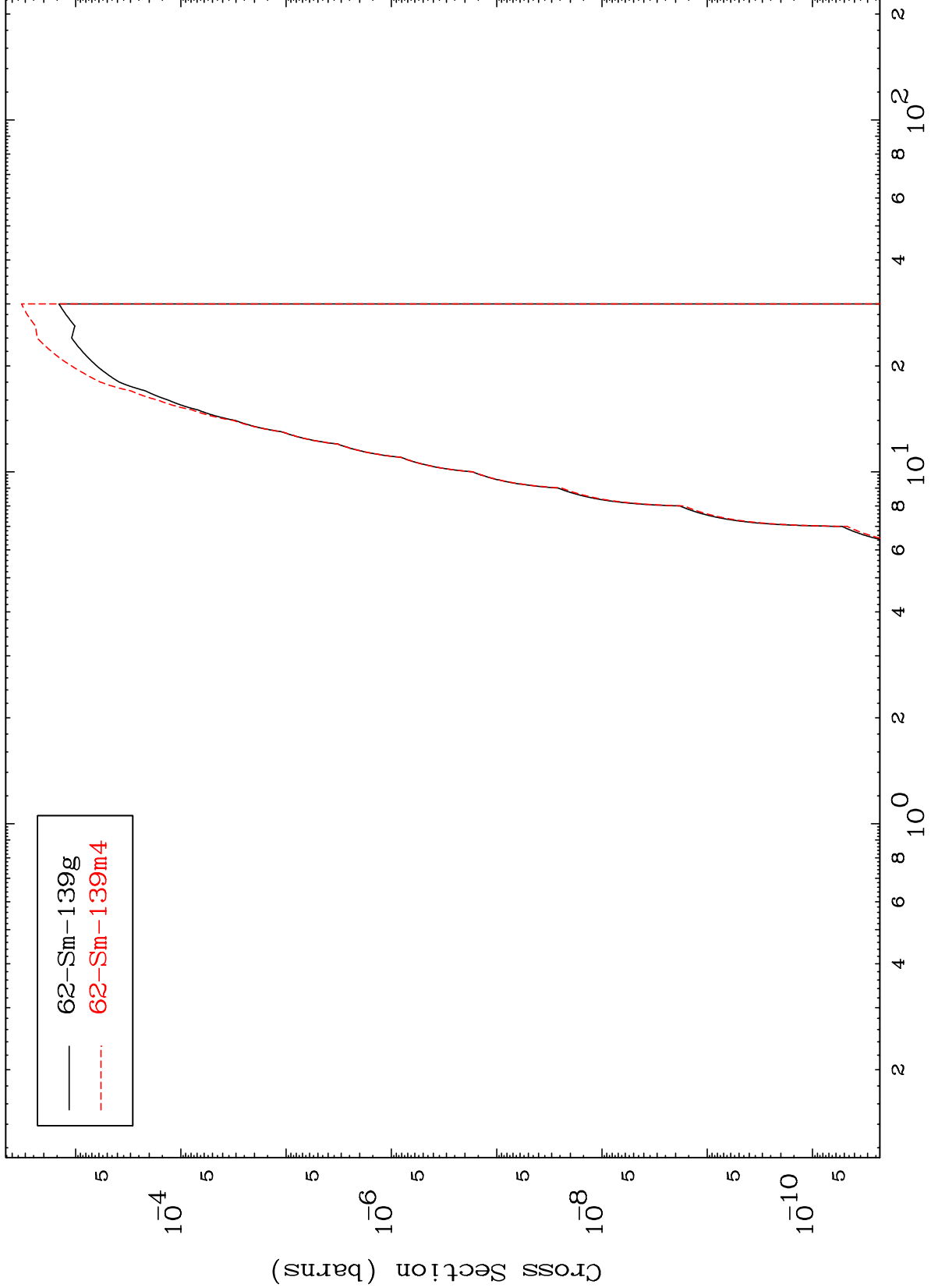


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(n,He-3)

63-Eu-140

Radionuclide Production Cross Section

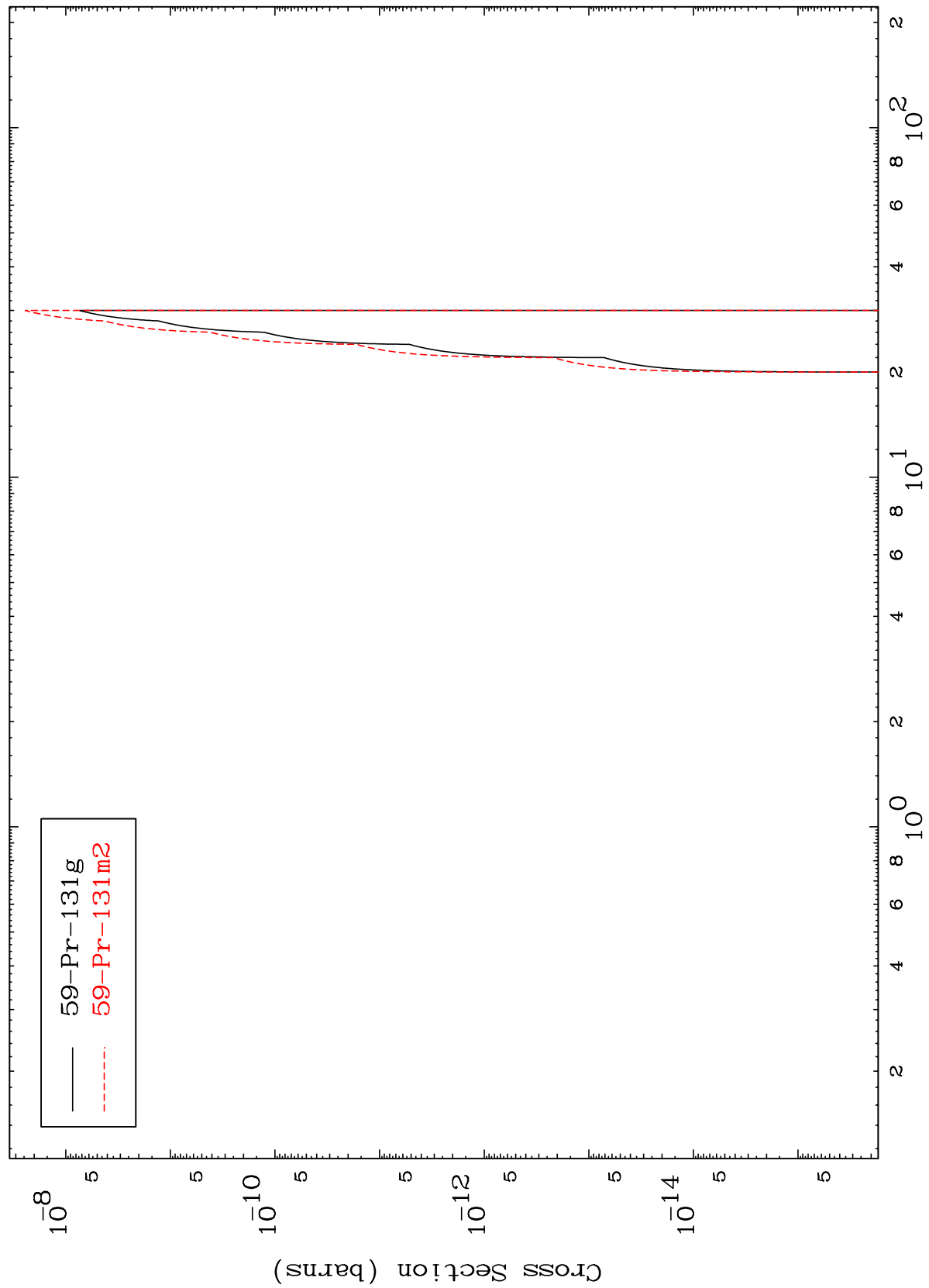


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(n, t) 2α

63-Eu-140

Radionuclide Production Cross Section



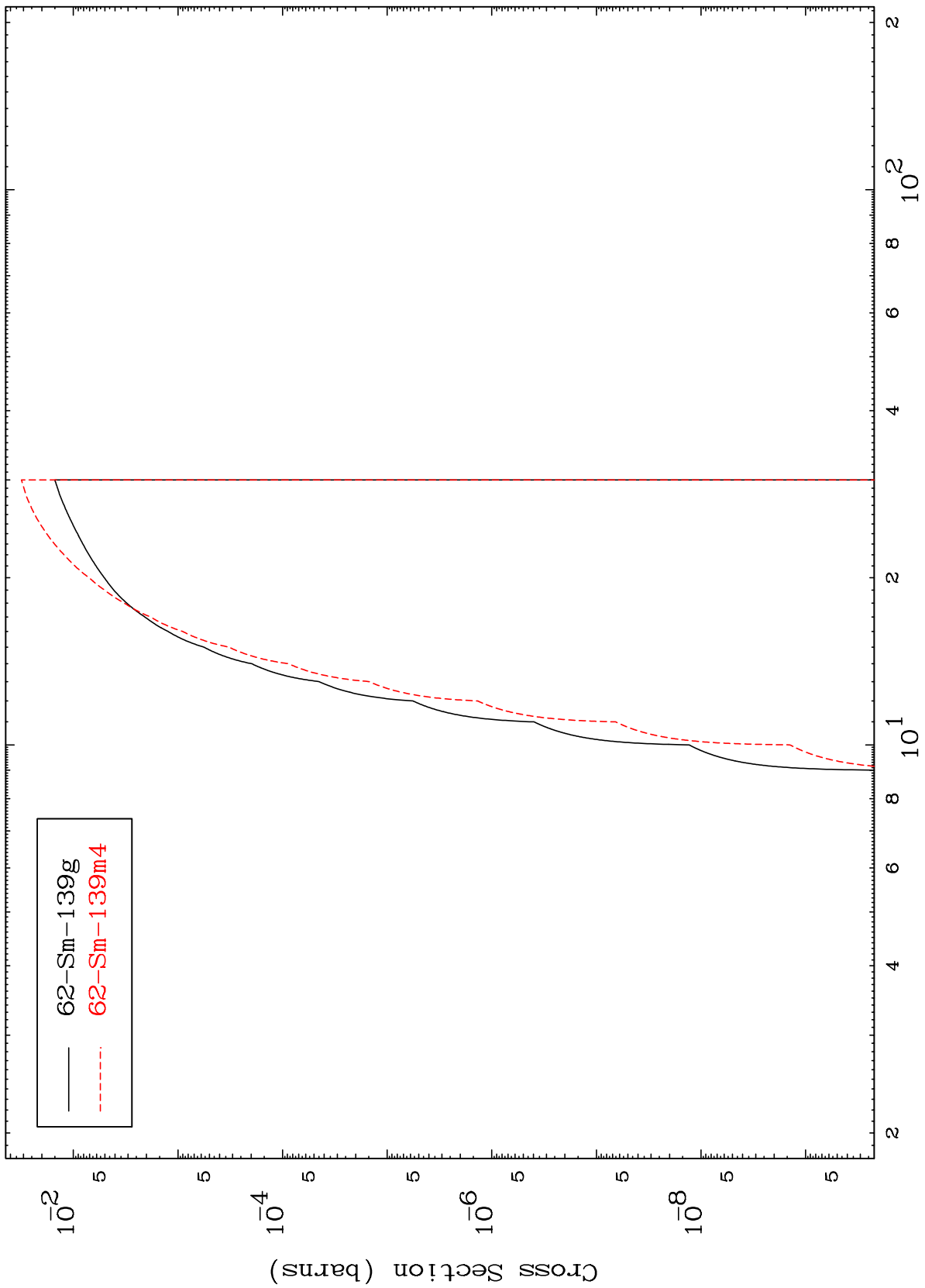
— 59-Pr-131g
- - - 59-Pr-131m2

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(n,p) d

63-Eu-140

Radionuclide Production Cross Section



— 62-Sm-139g
- - - 62-Sm-139m4

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(n,d) α

63-Eu-140

