

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

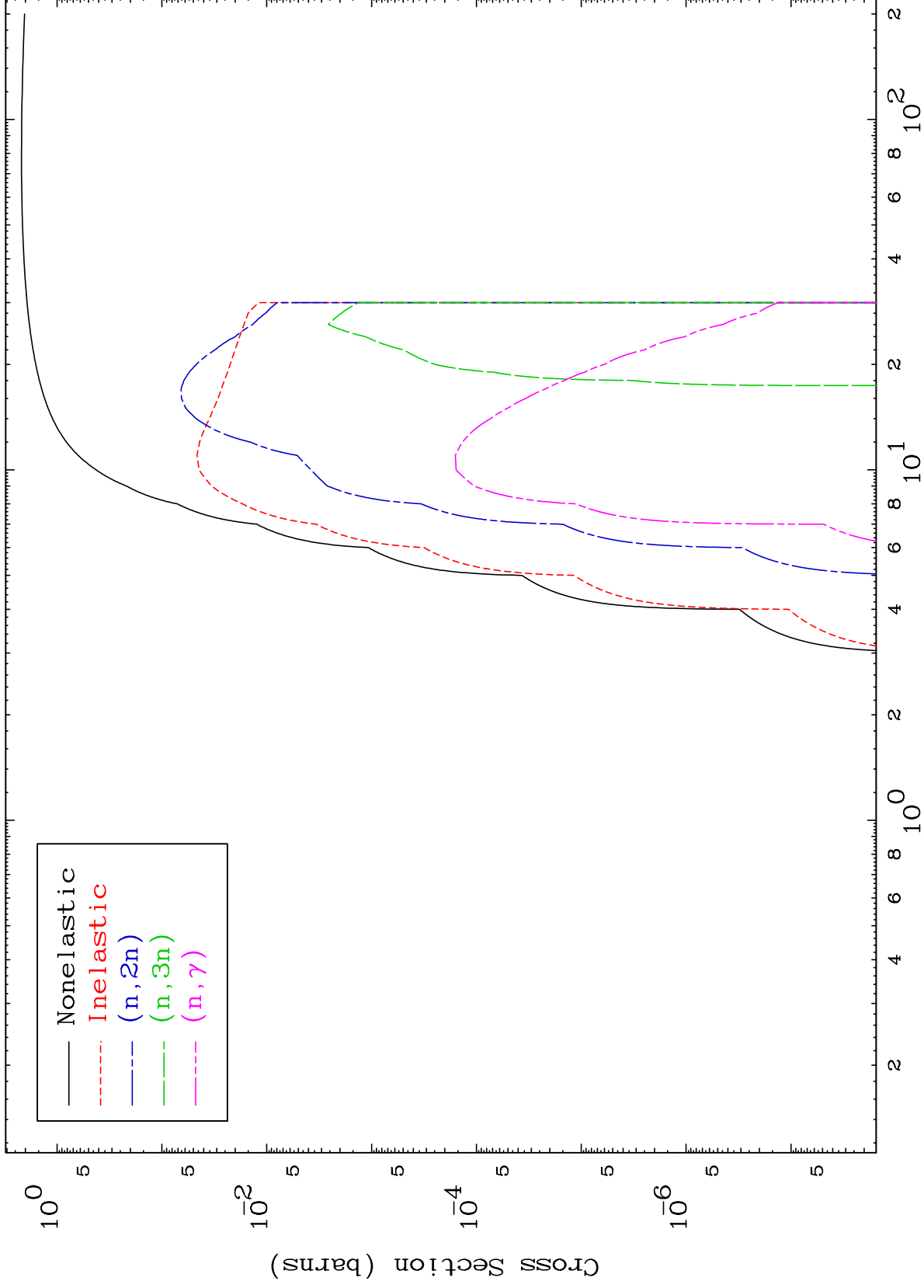
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

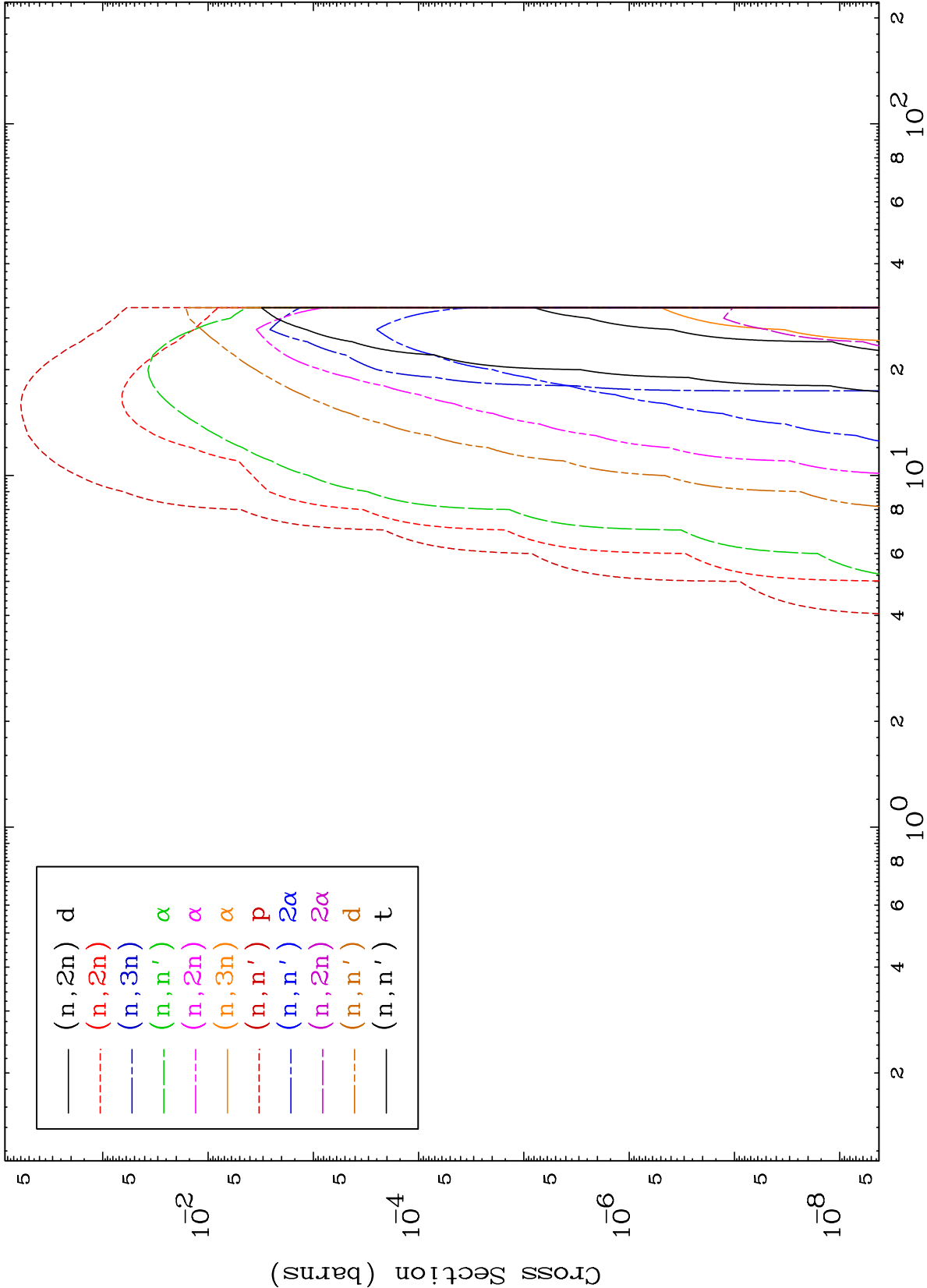
Tele: 925-443-1911

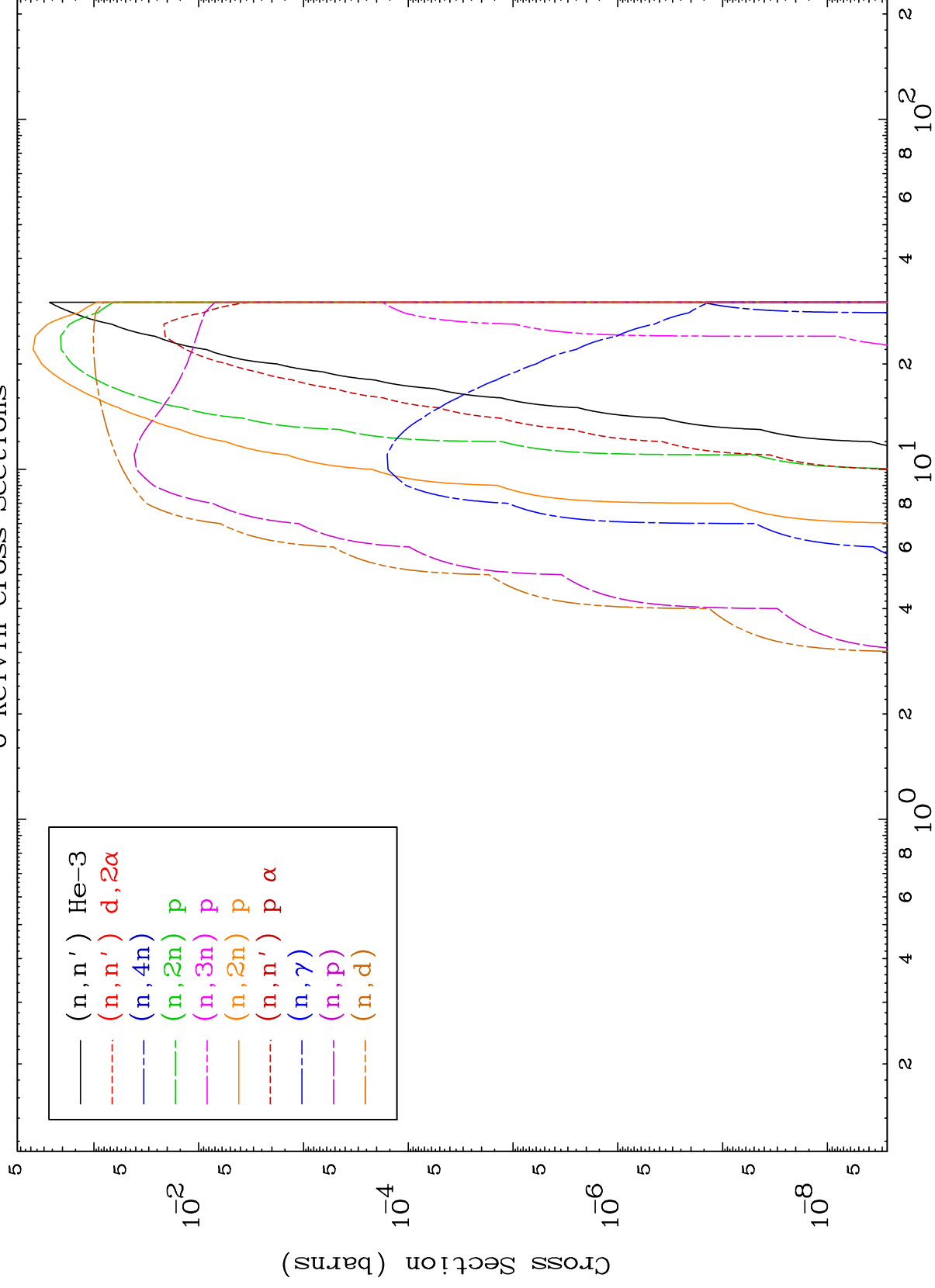
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

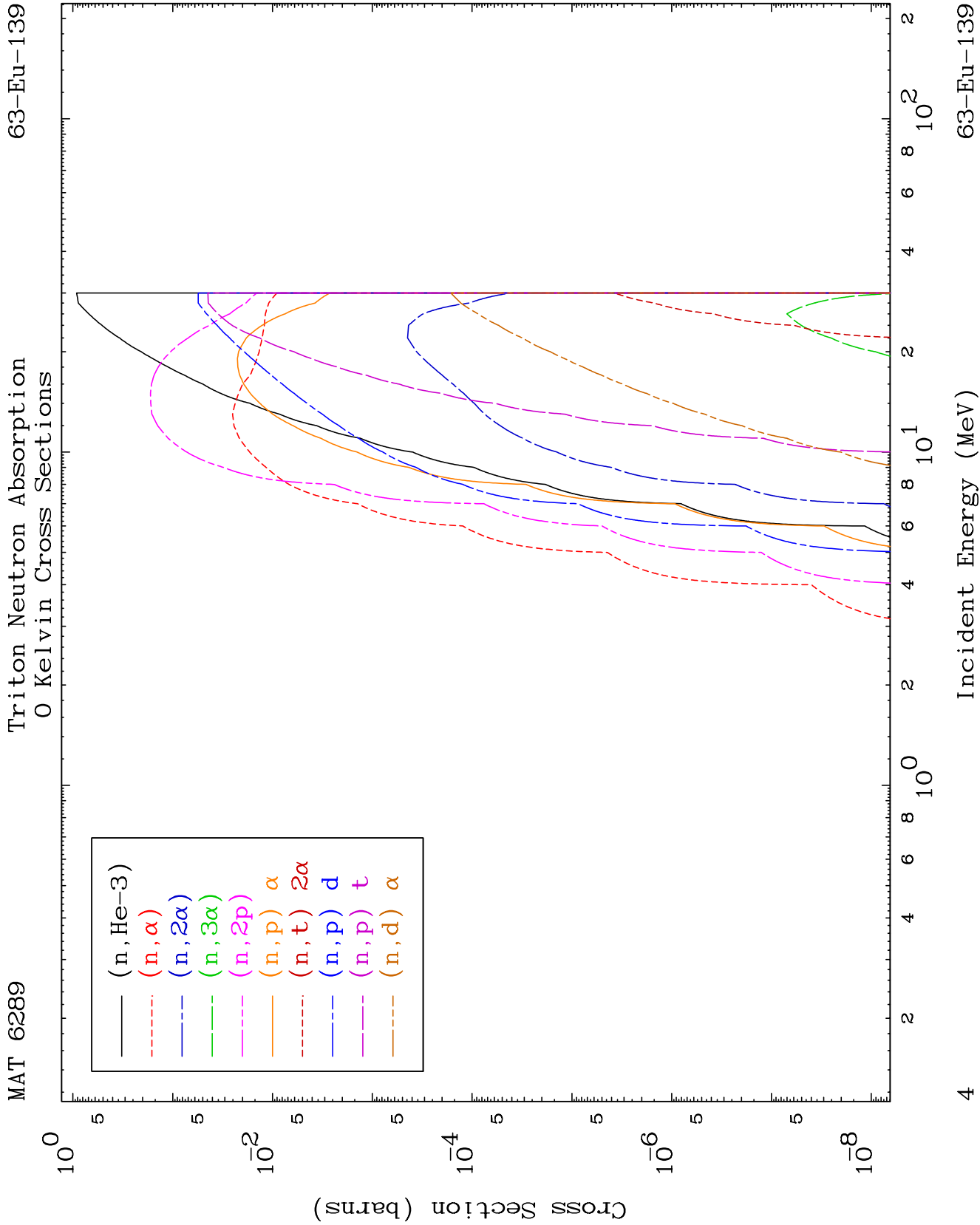
Press Mouse Button to Start

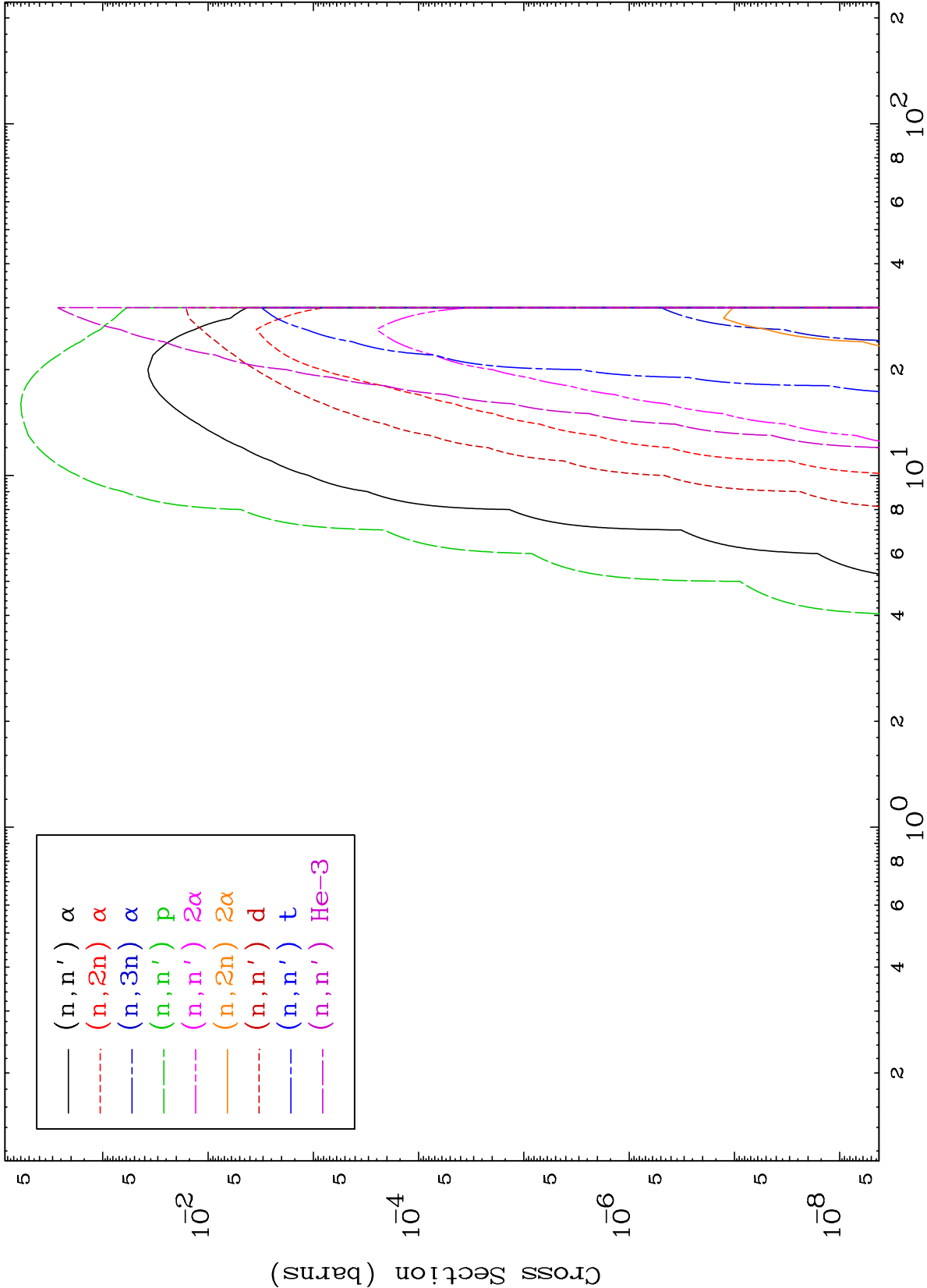
0 Kelvin Cross Sections

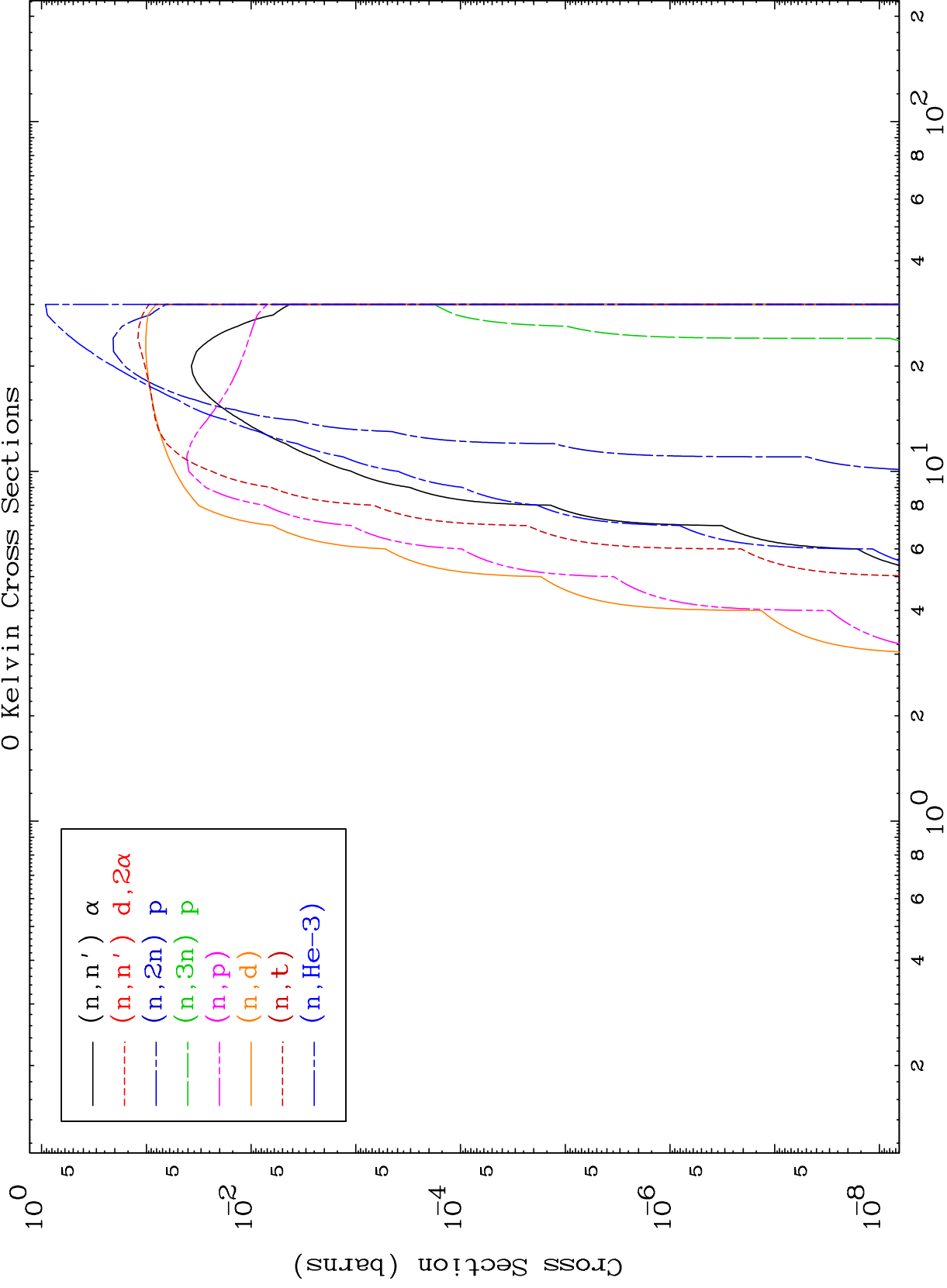


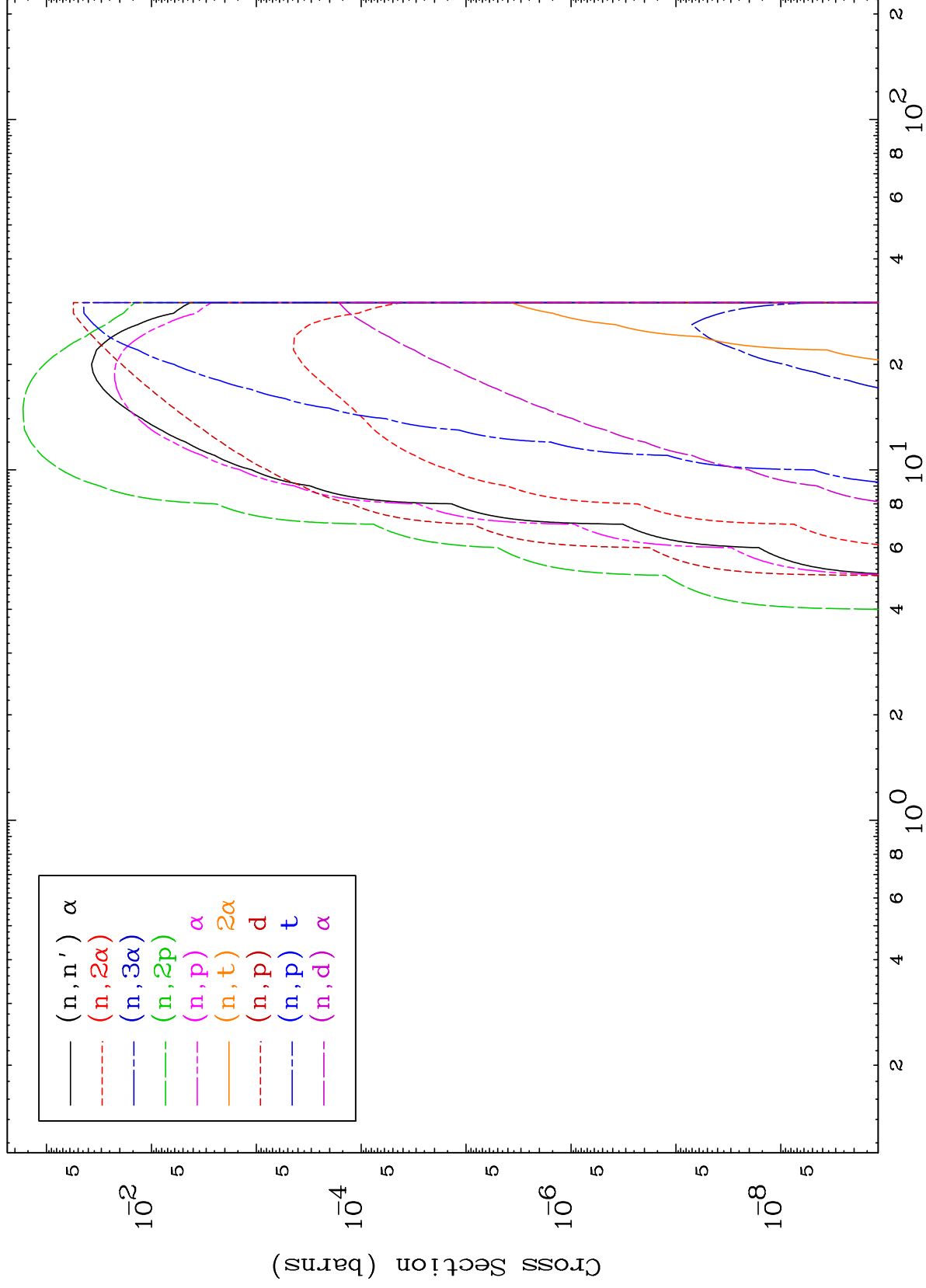








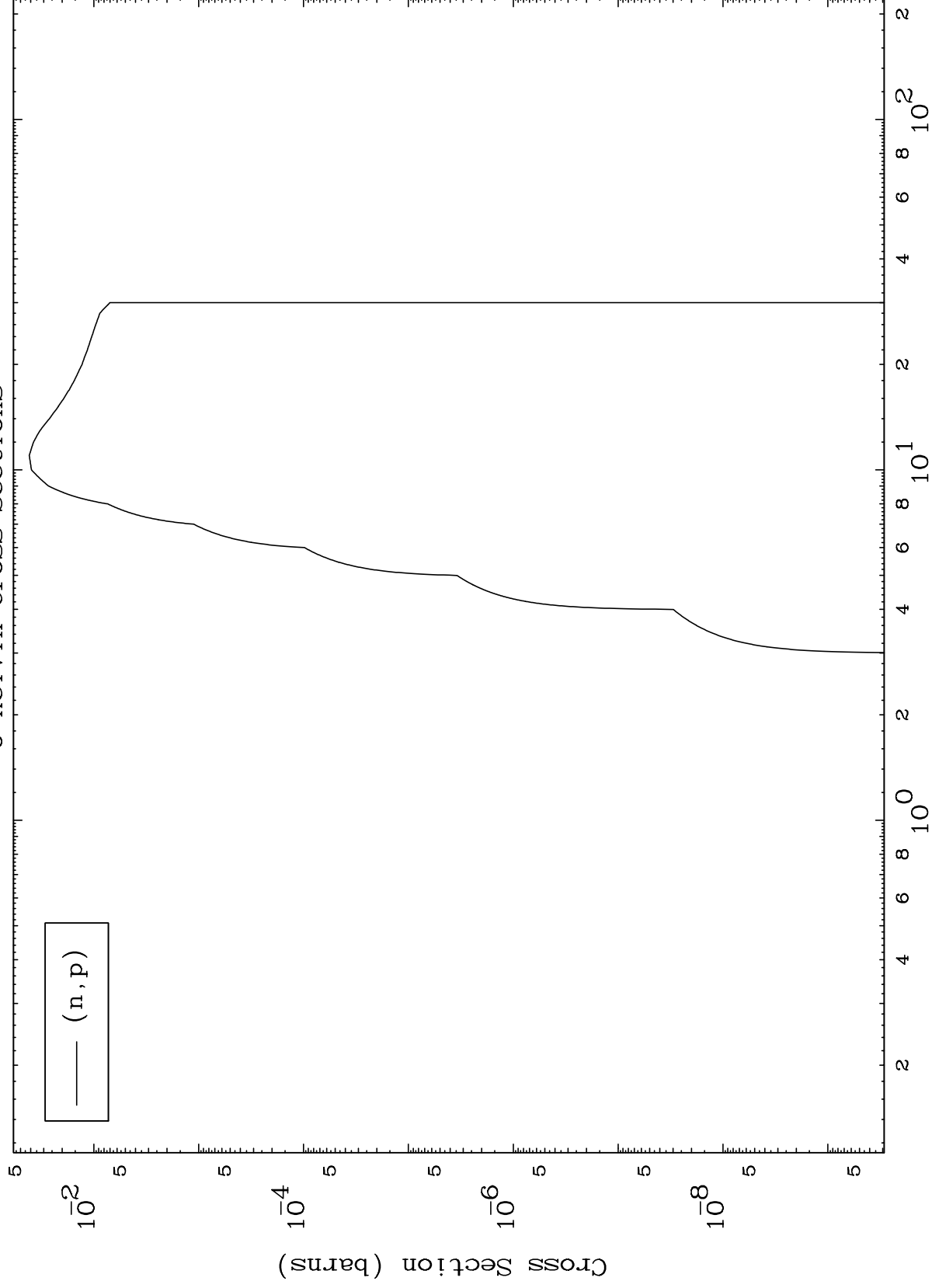




MAT 6289

63-Eu-139

(t,p) Levels  
0 Kelvin Cross Sections



8

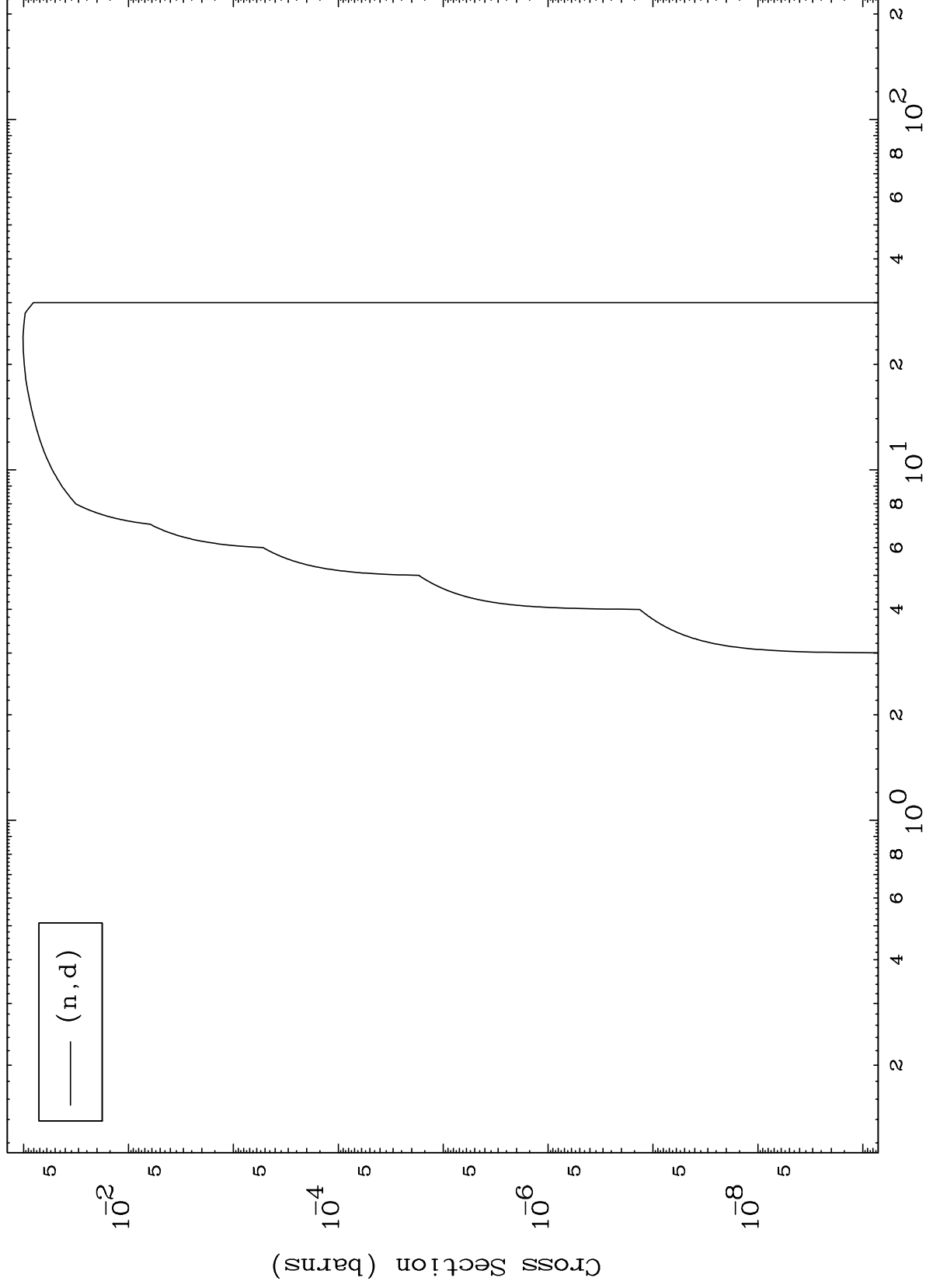
63-Eu-139

Incident Energy (MeV)

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63-Eu-139

(t,d) Levels  
0 Kelvin Cross Sections



9

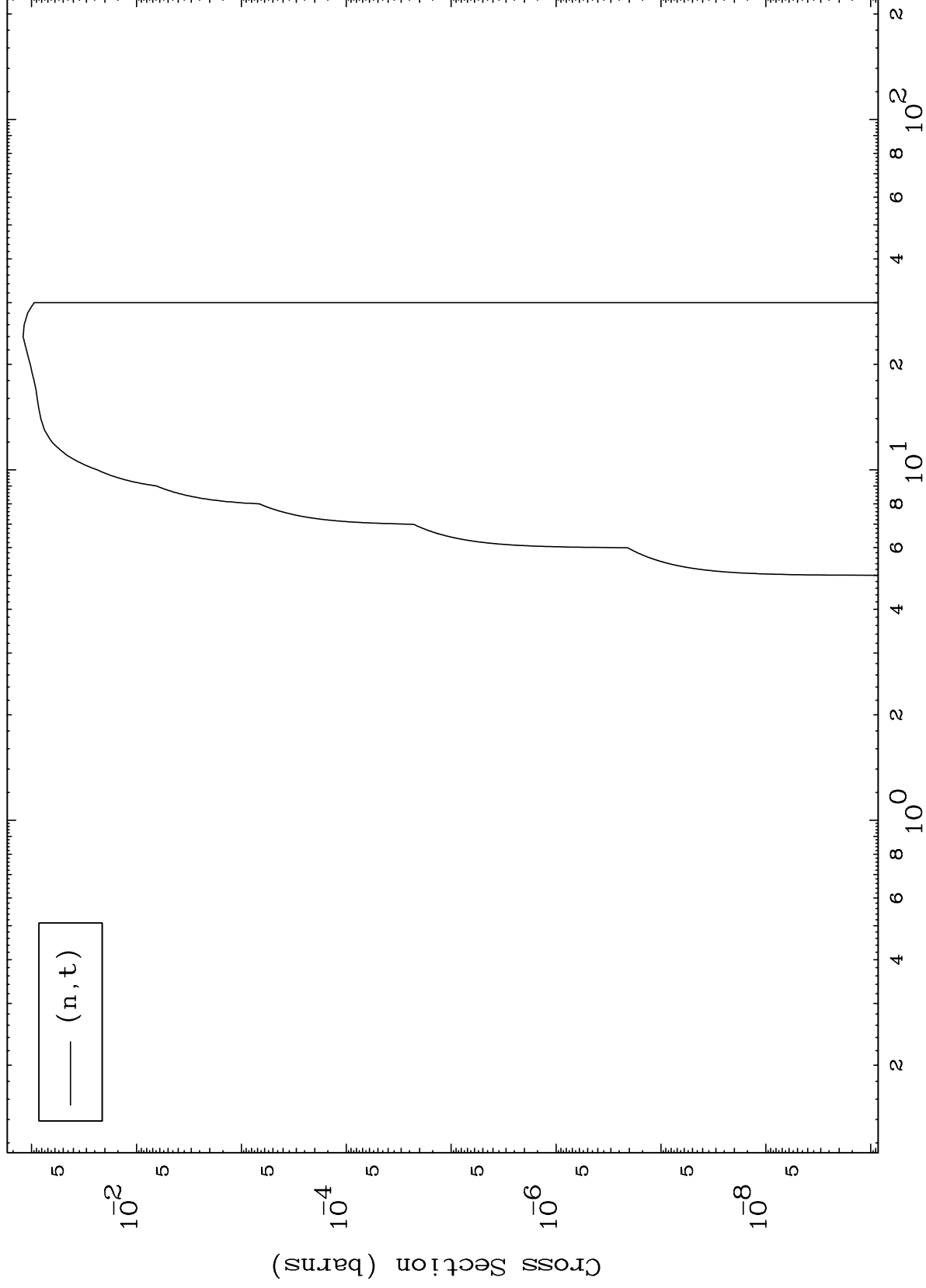
Incident Energy (MeV)

63-Eu-139

MAT 6289

63-Eu-139

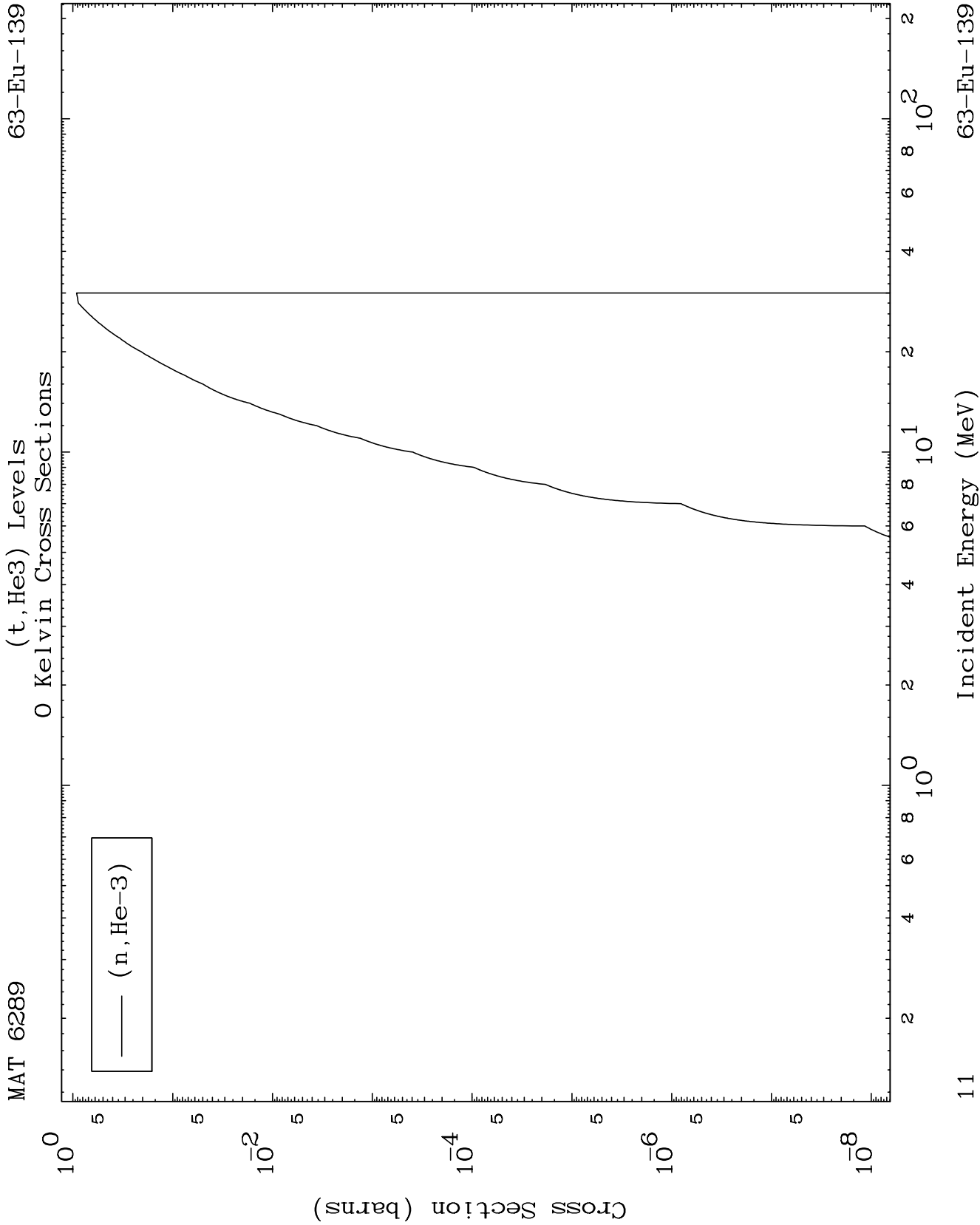
(t,t) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

63-Eu-139

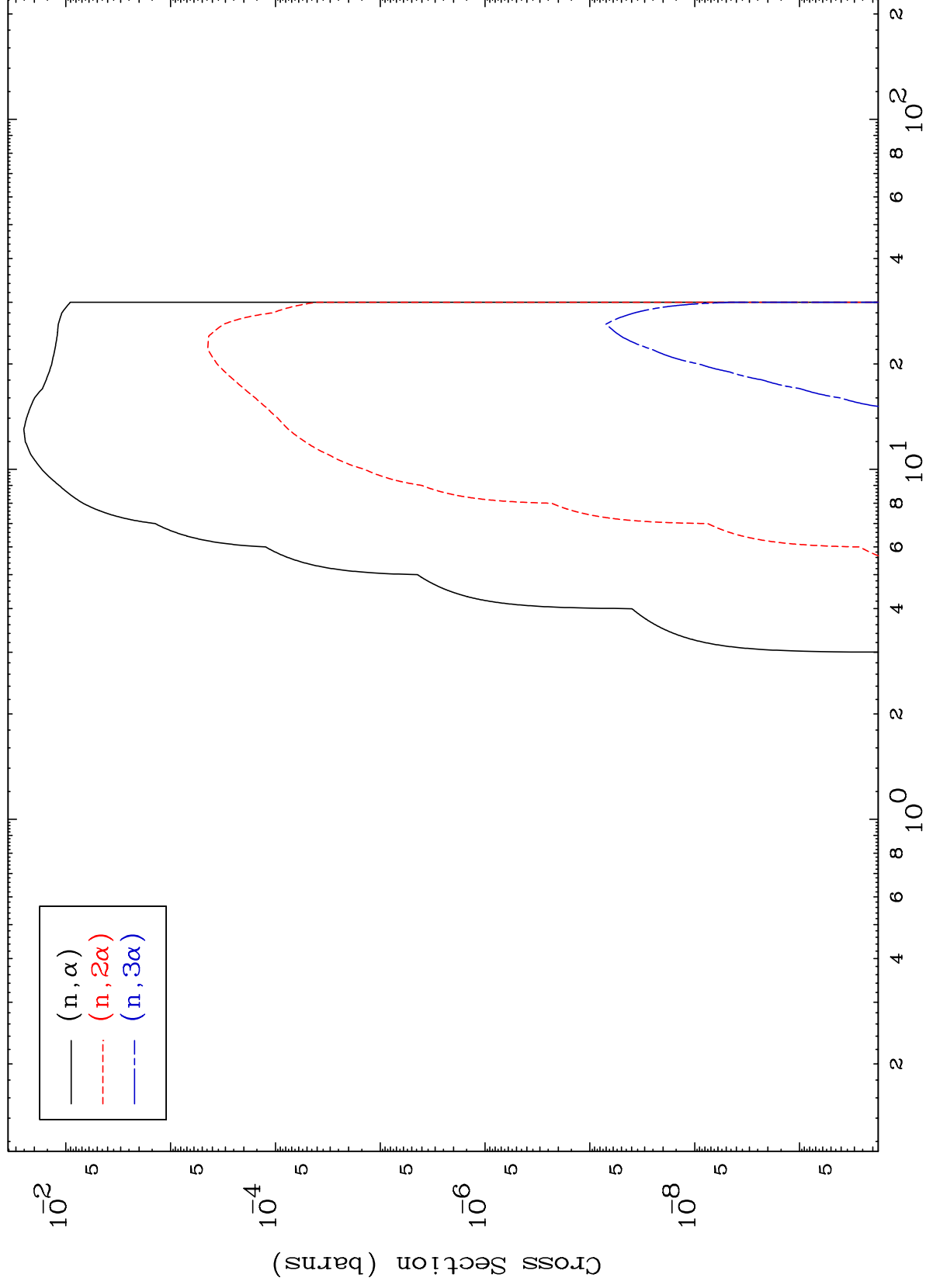


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(t,  $\alpha$ ) Levels

63-Eu-139

0 Kelvin Cross Sections



12

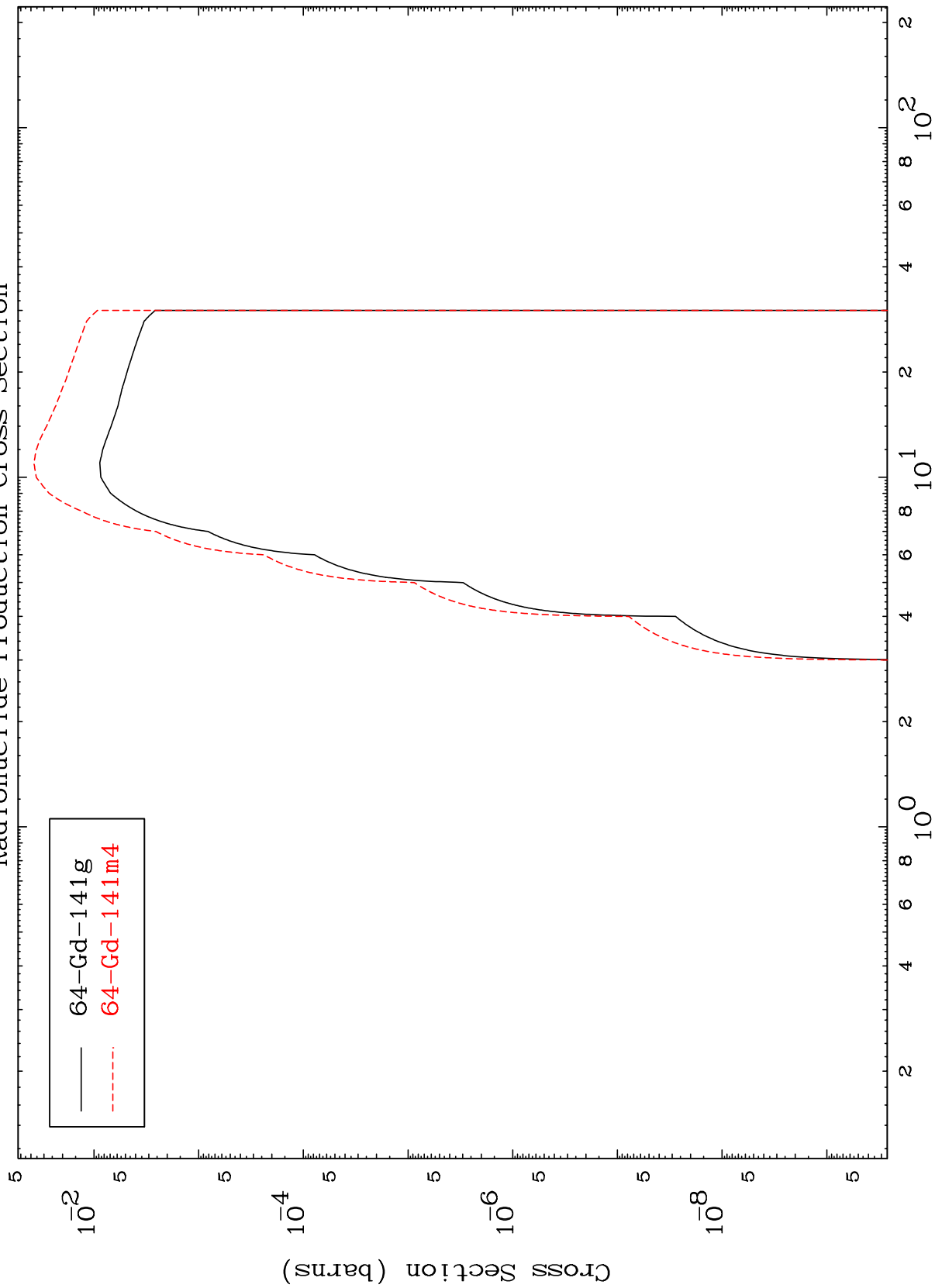
Incident Energy (MeV)

63-Eu-139

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63-Eu-139

Inelastic  
Radionuclide Production Cross Section



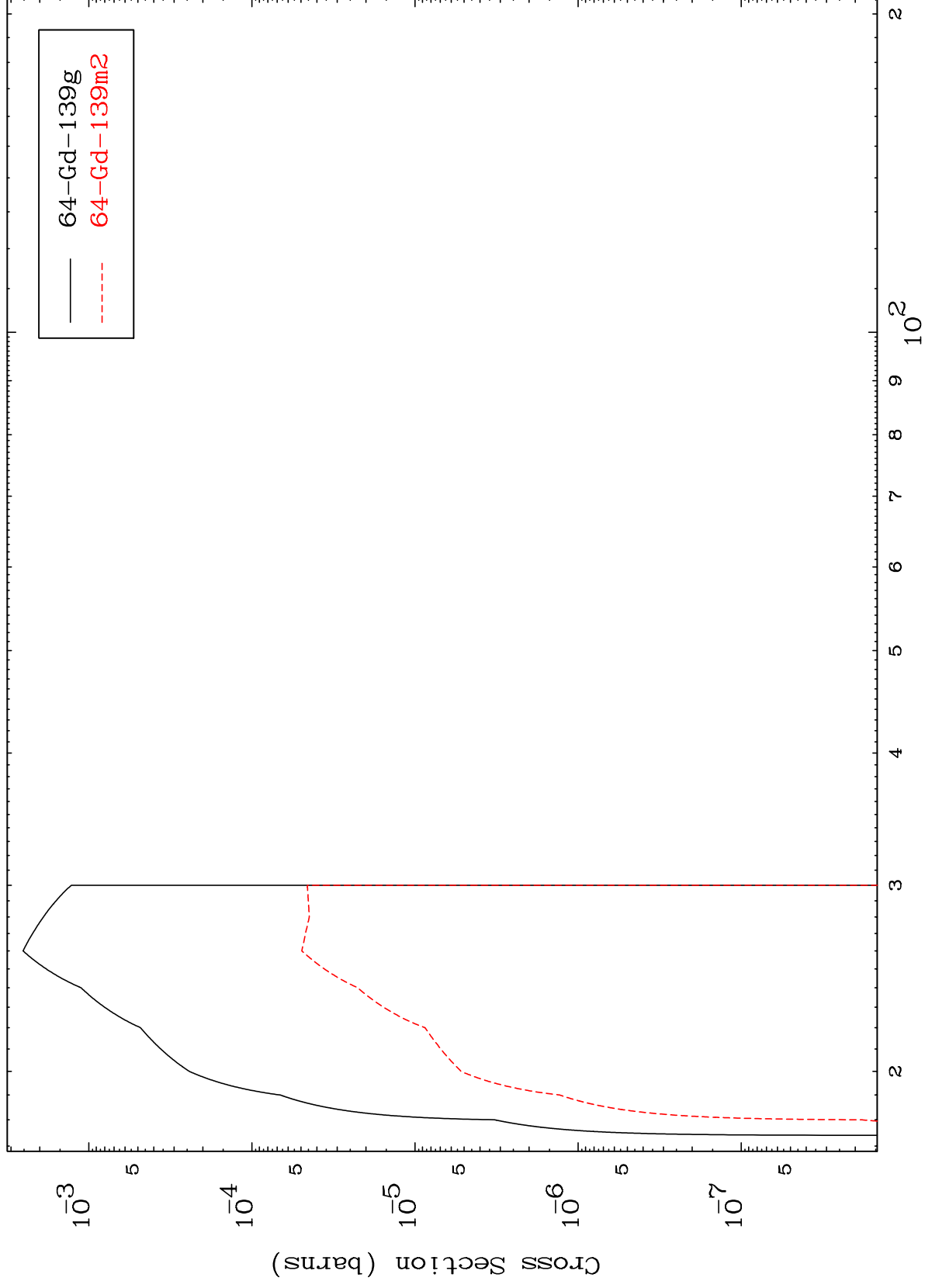
13

63-Eu-139

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63-Eu-139

(n,3n)  
Radionuclide Production Cross Section



63-Eu-139

Incident Energy (MeV)

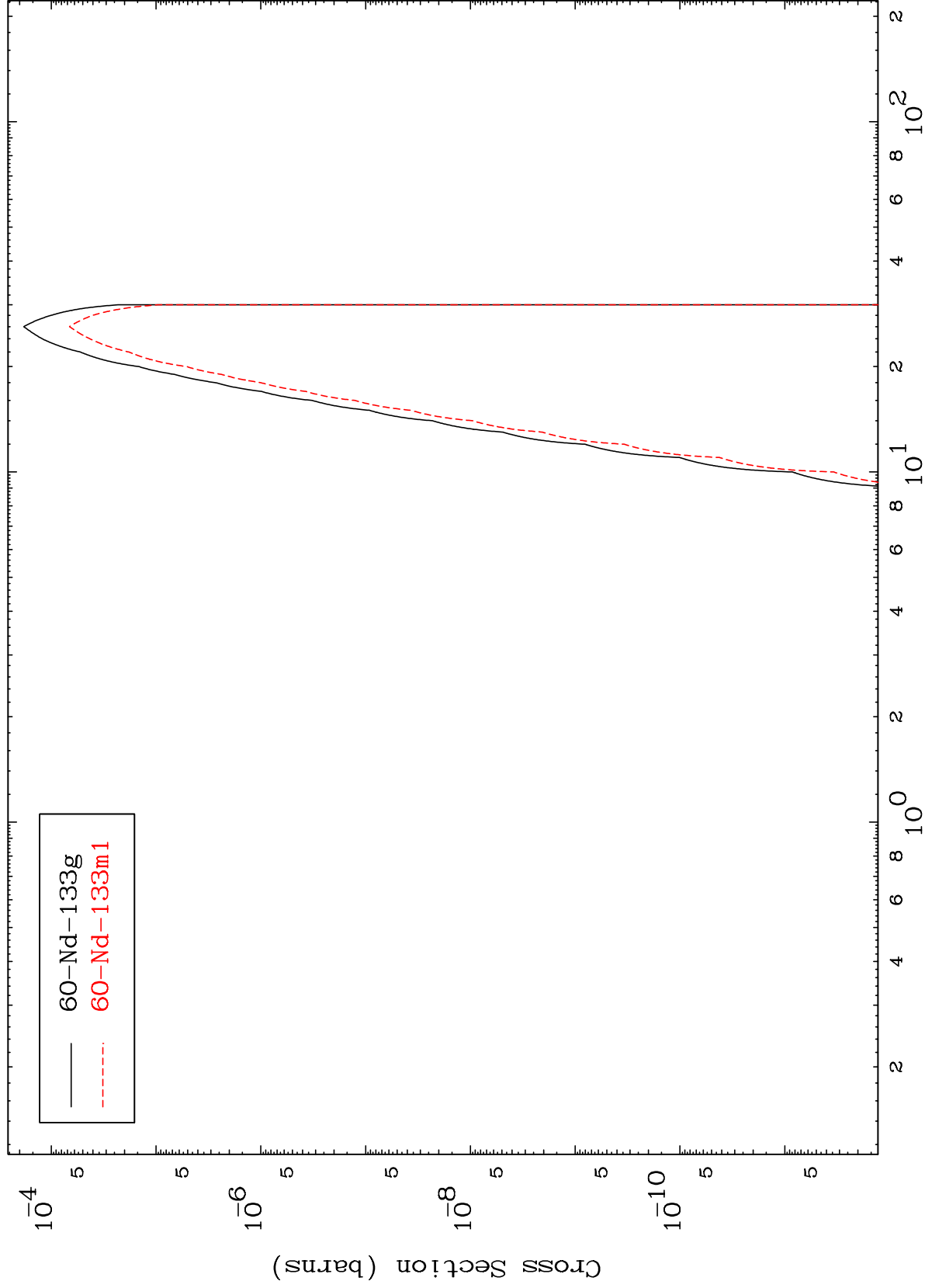
14

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(n,n') 2α

63-Eu-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

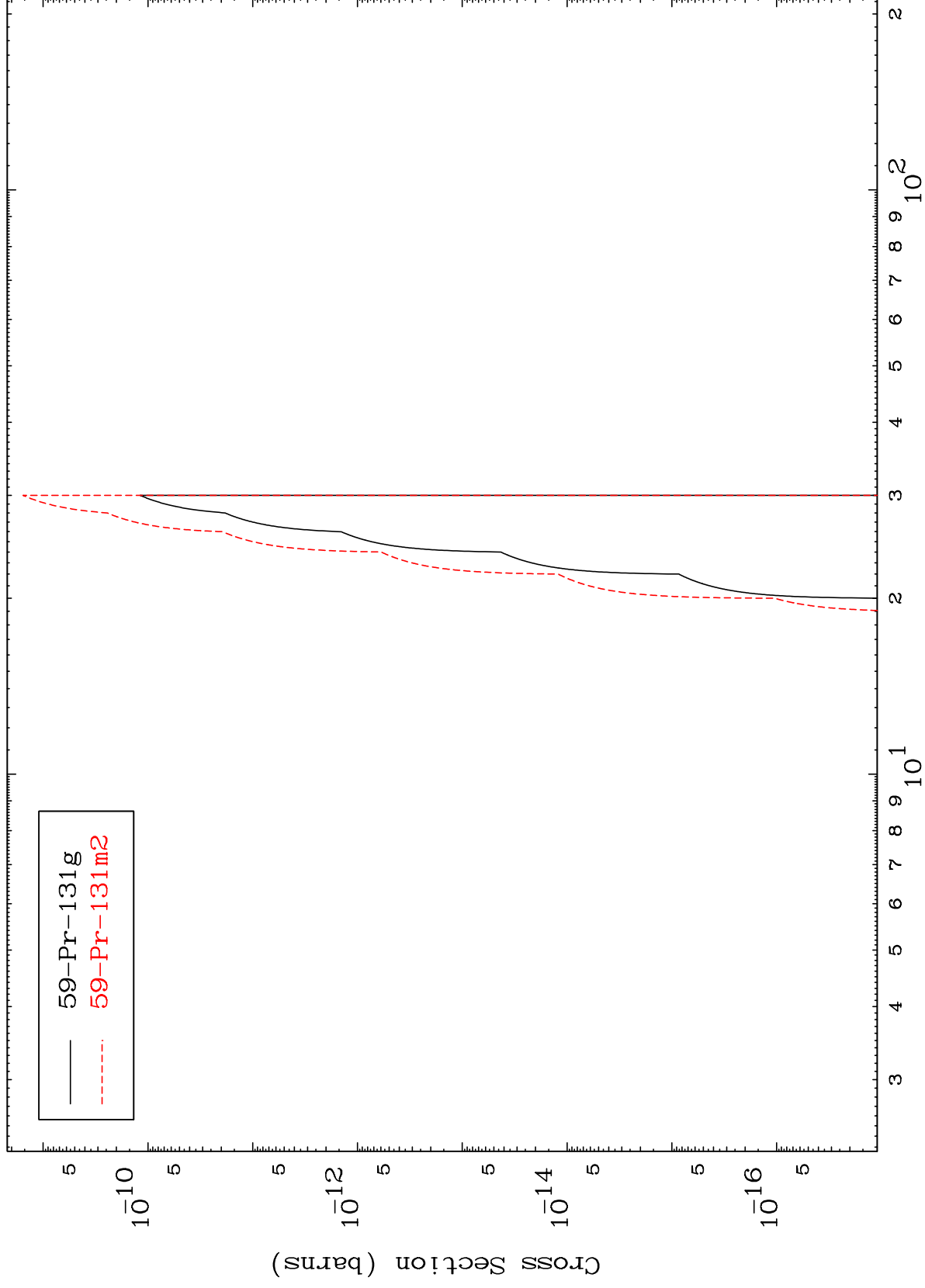
63-Eu-139

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(n,n') d,2 $\alpha$

63-Eu-139

Radionuclide Production Cross Section



16

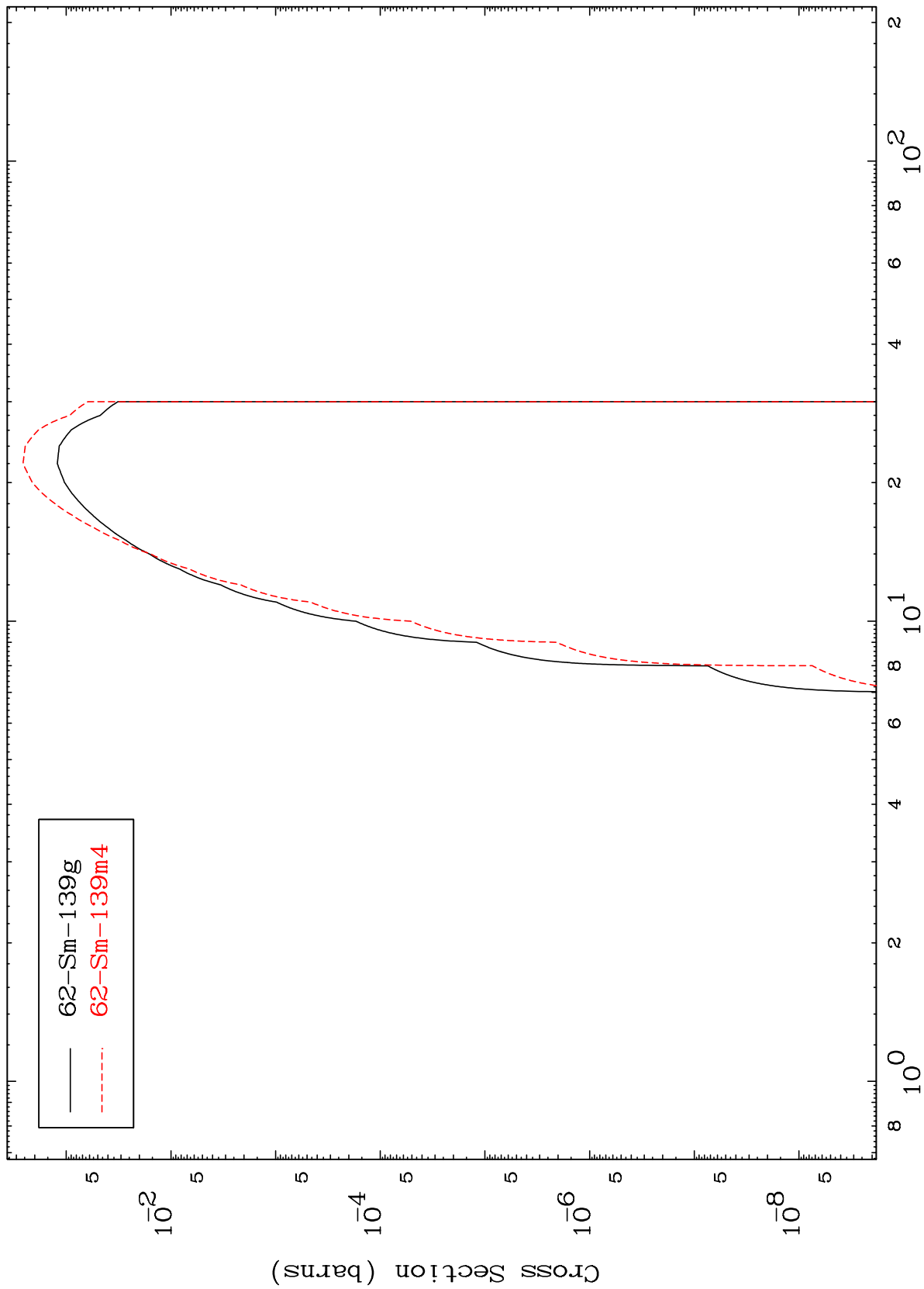
Incident Energy (MeV)

63-Eu-139

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63-Eu-139

(n,2n) p  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

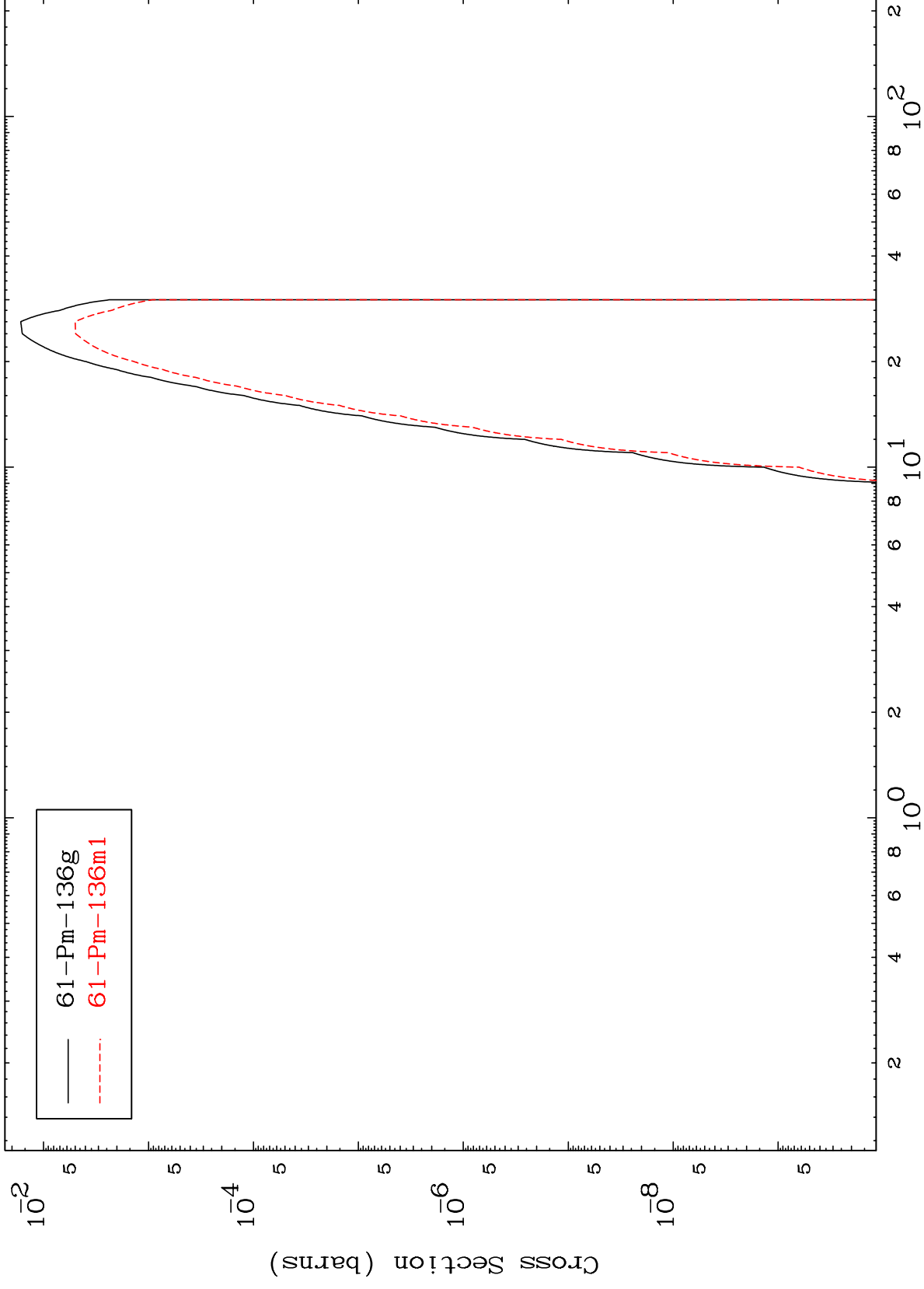
63-Eu-139

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(n,n') p  $\alpha$

63-Eu-139

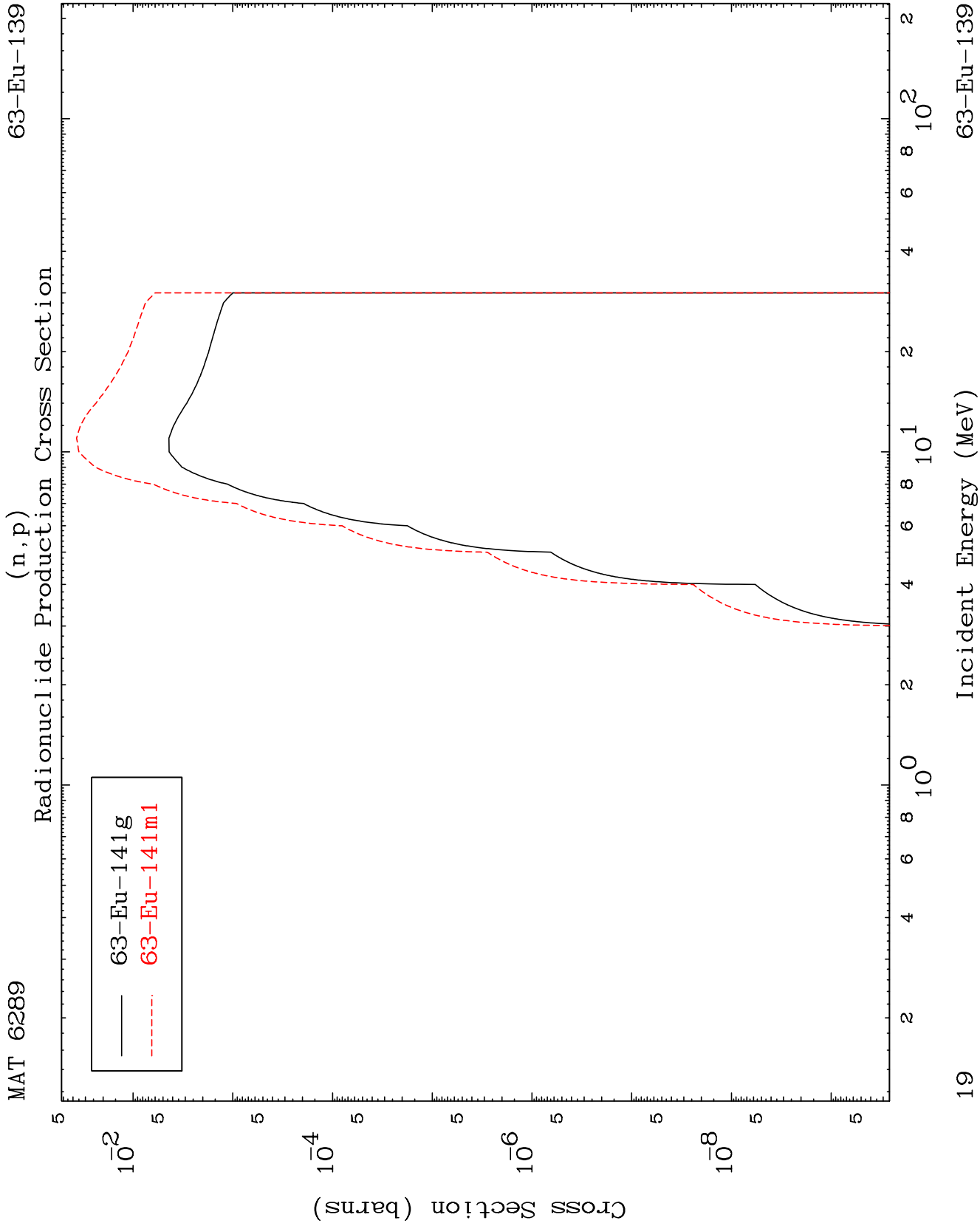
Radionuclide Production Cross Section



18

Incident Energy (MeV)

63-Eu-139

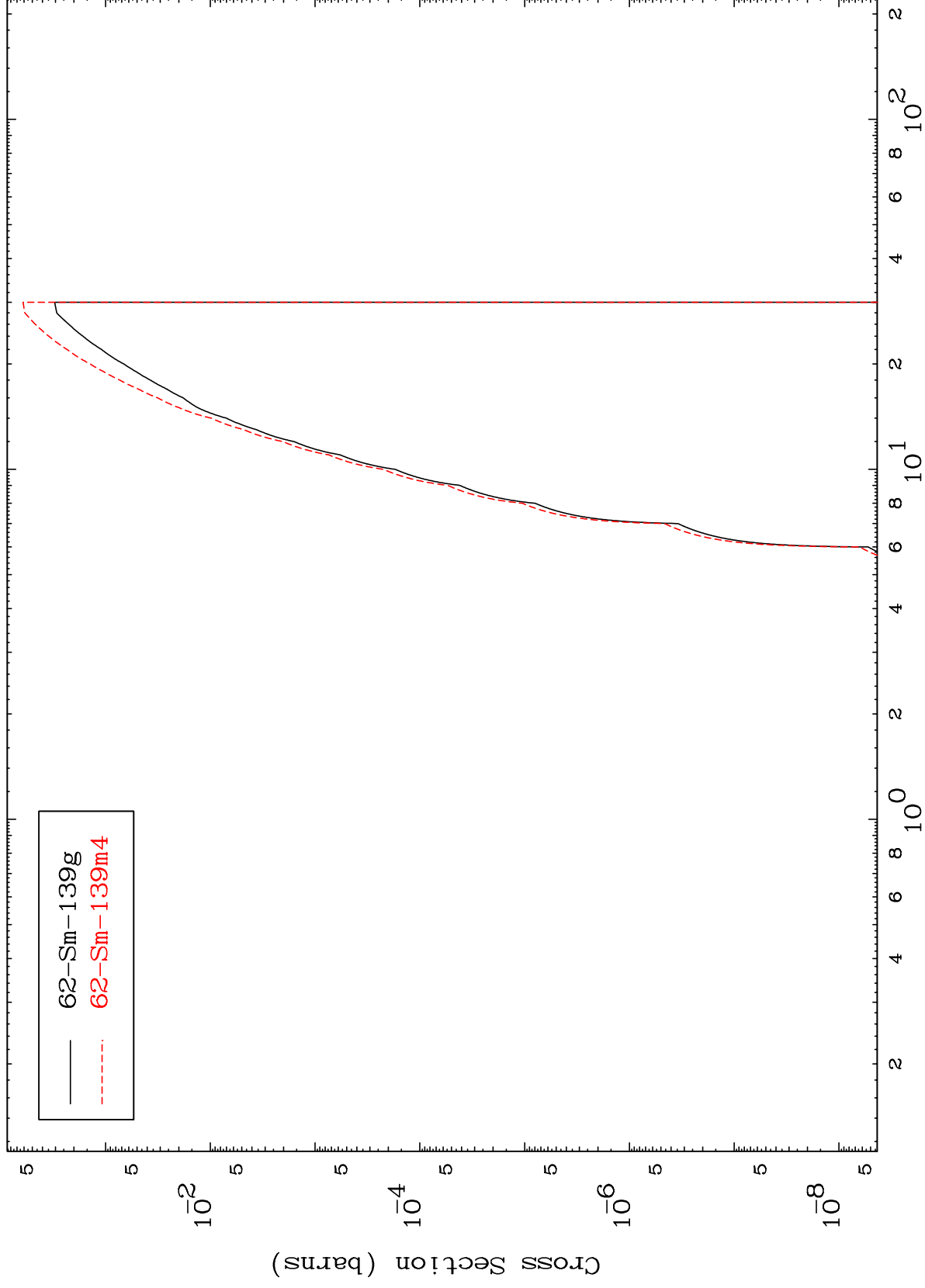


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(n,He-3)

63-Eu-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

63-Eu-139

Radionuclide Production Cross Section

