

Program EVALPLOT
(Version 2021-1)

by

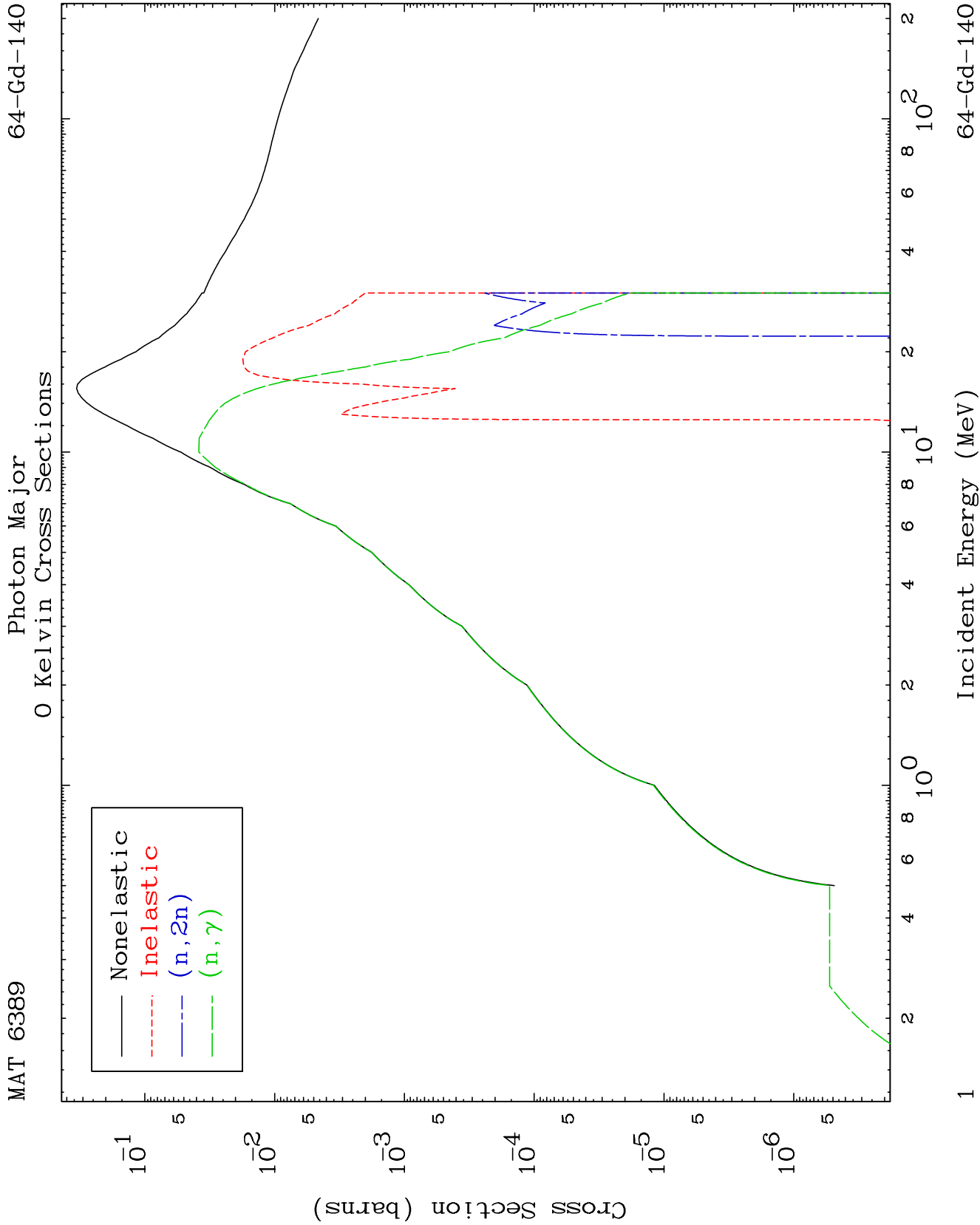
Dermott E. Cullen
(Present Contact Information)

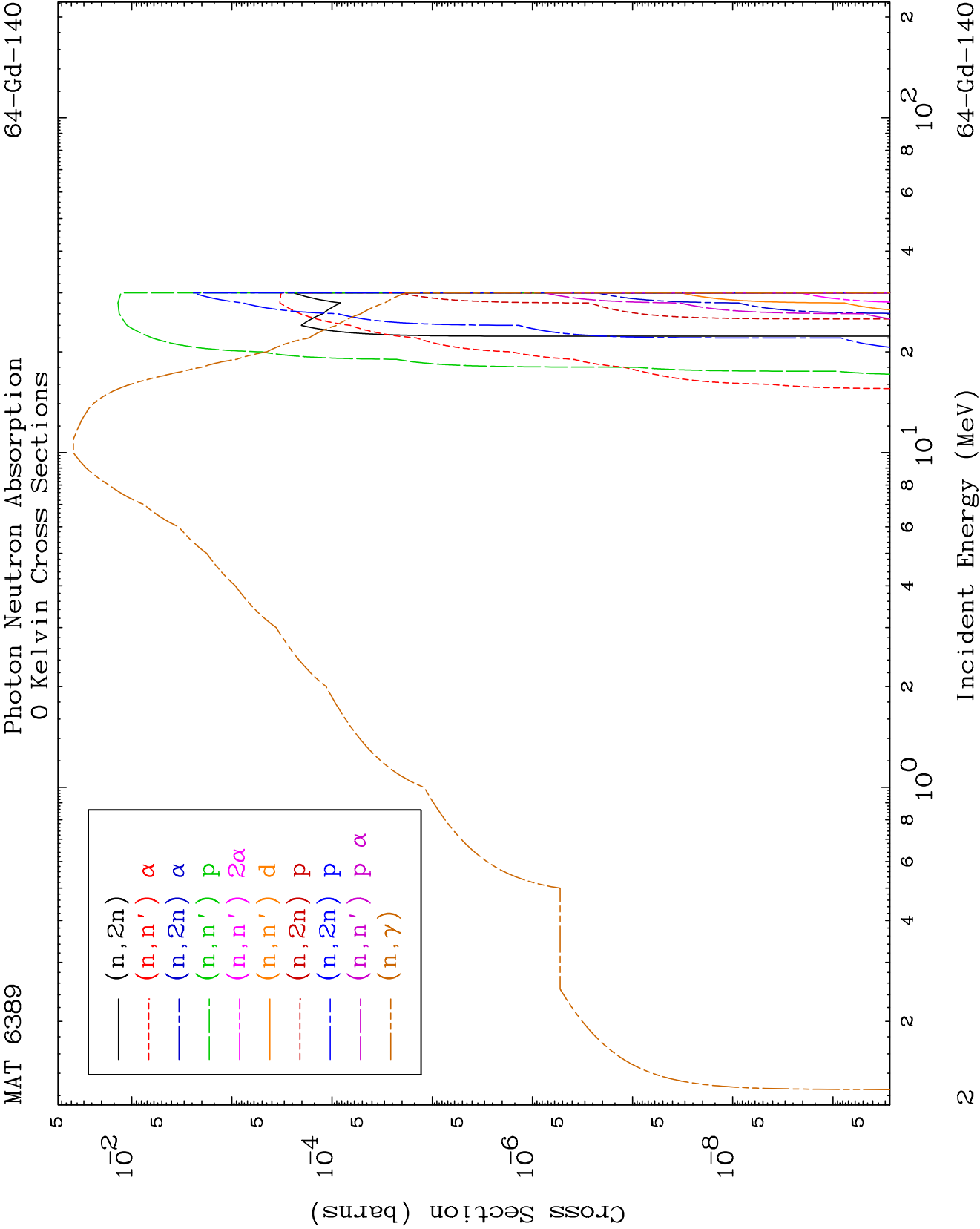
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

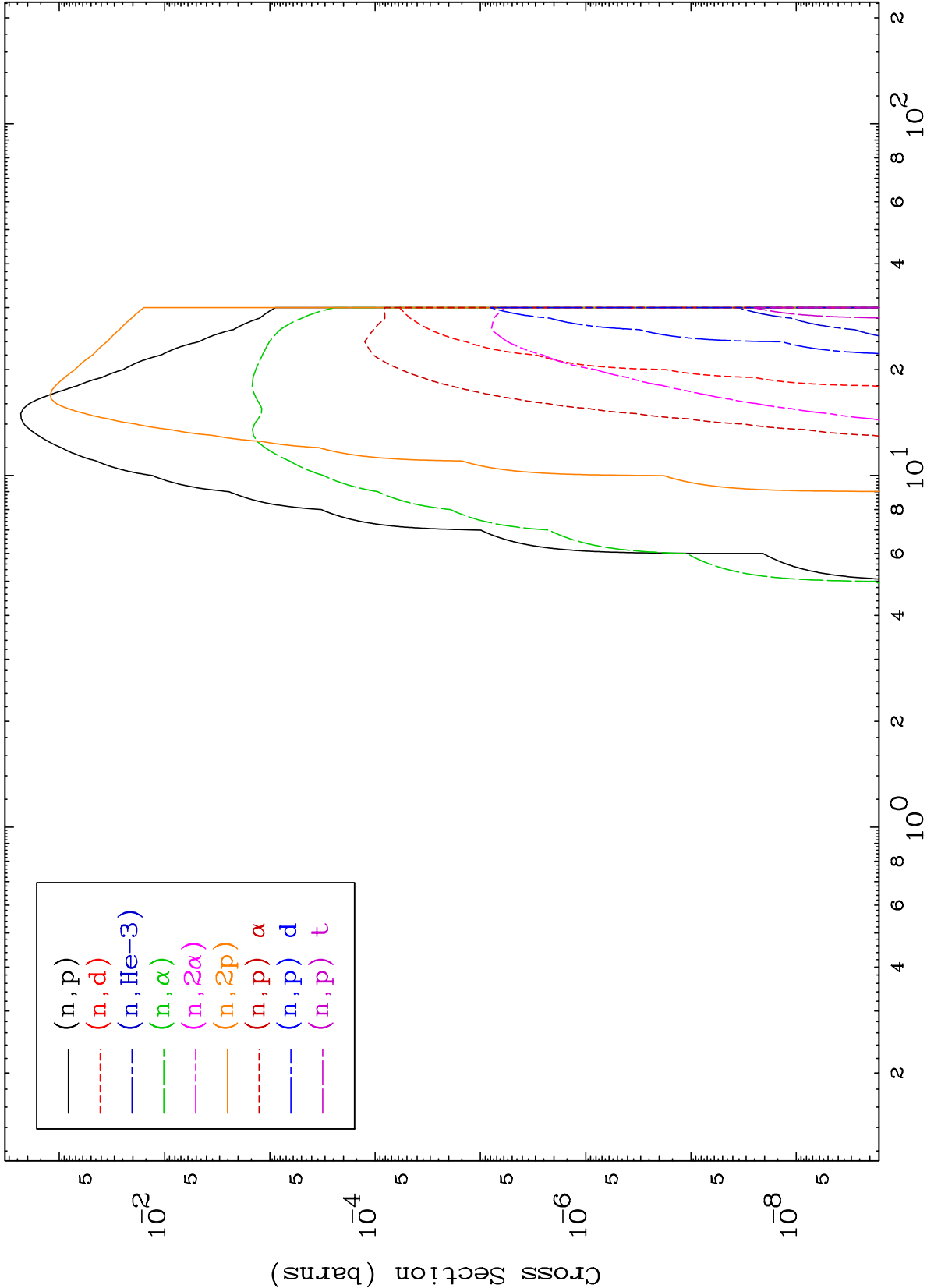
Tele: 925-443-1911

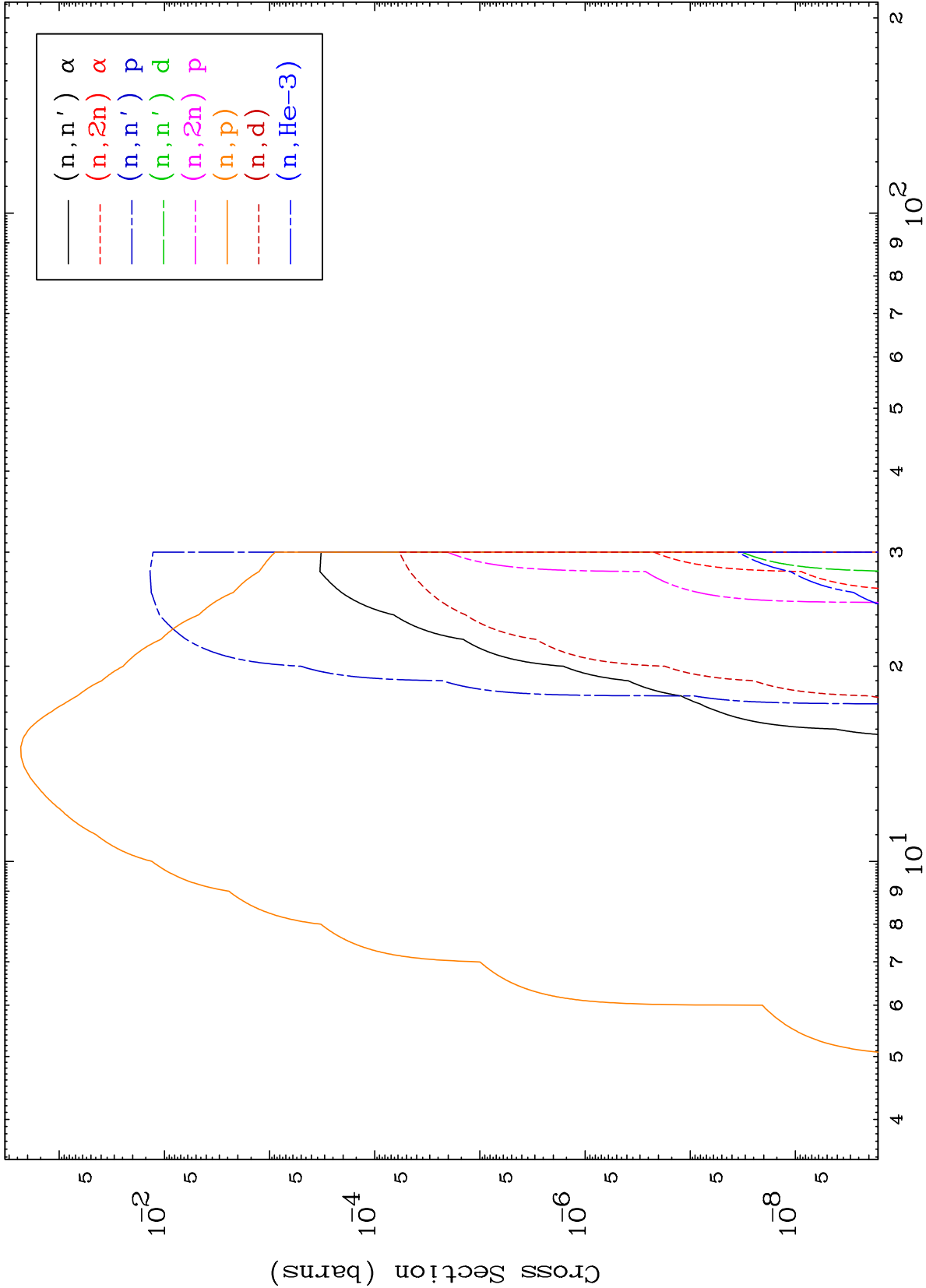
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

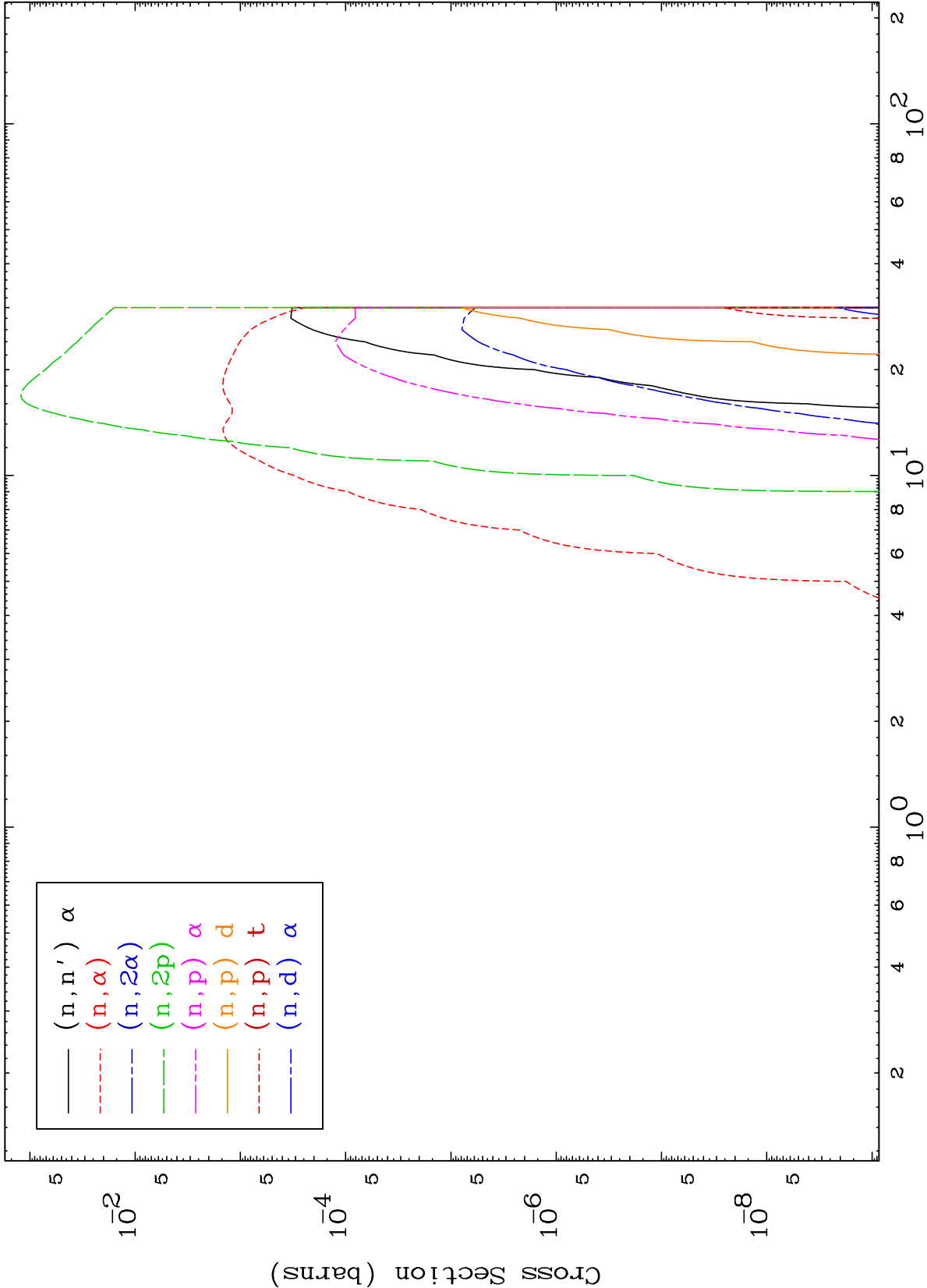
Press Mouse Button to Start

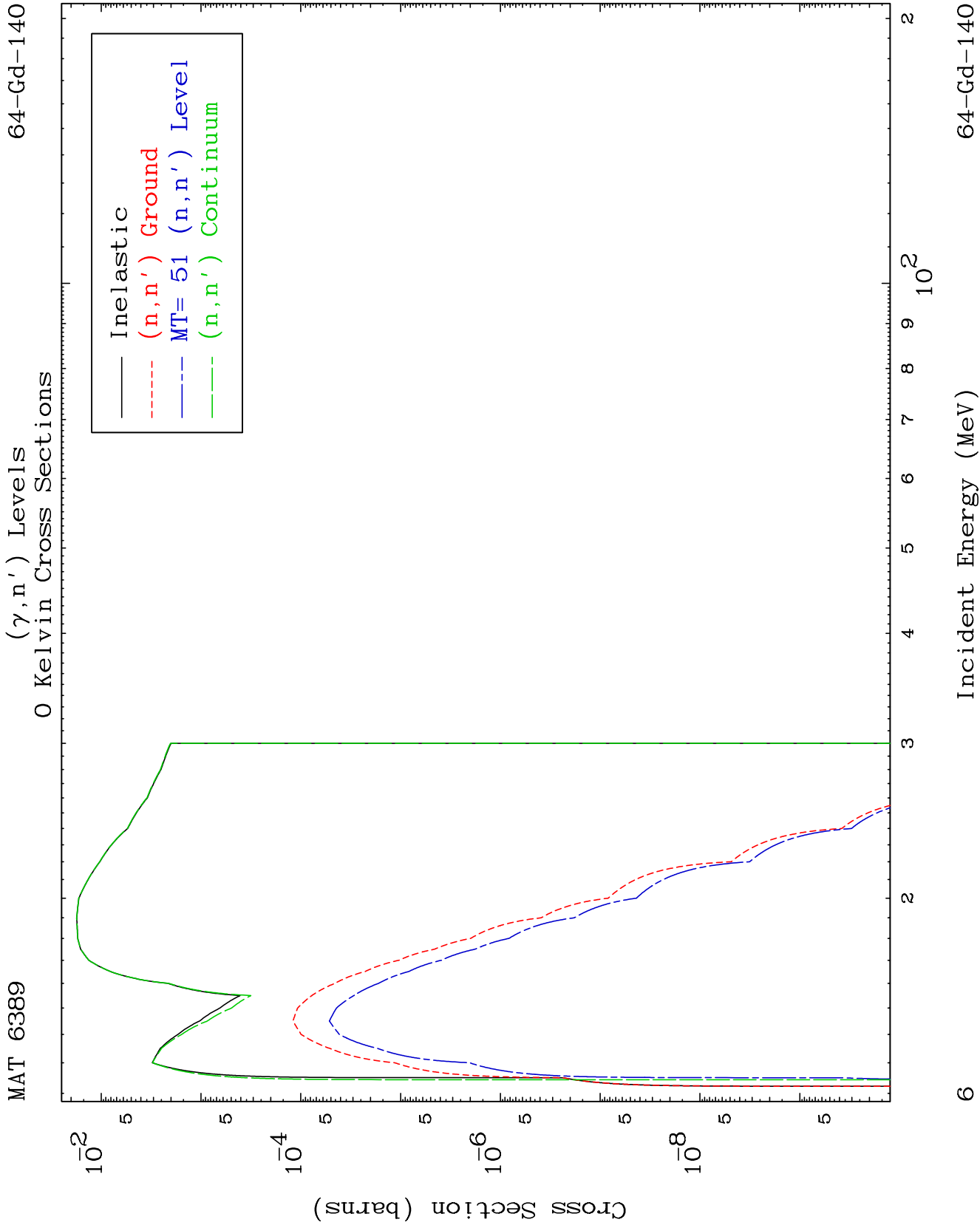








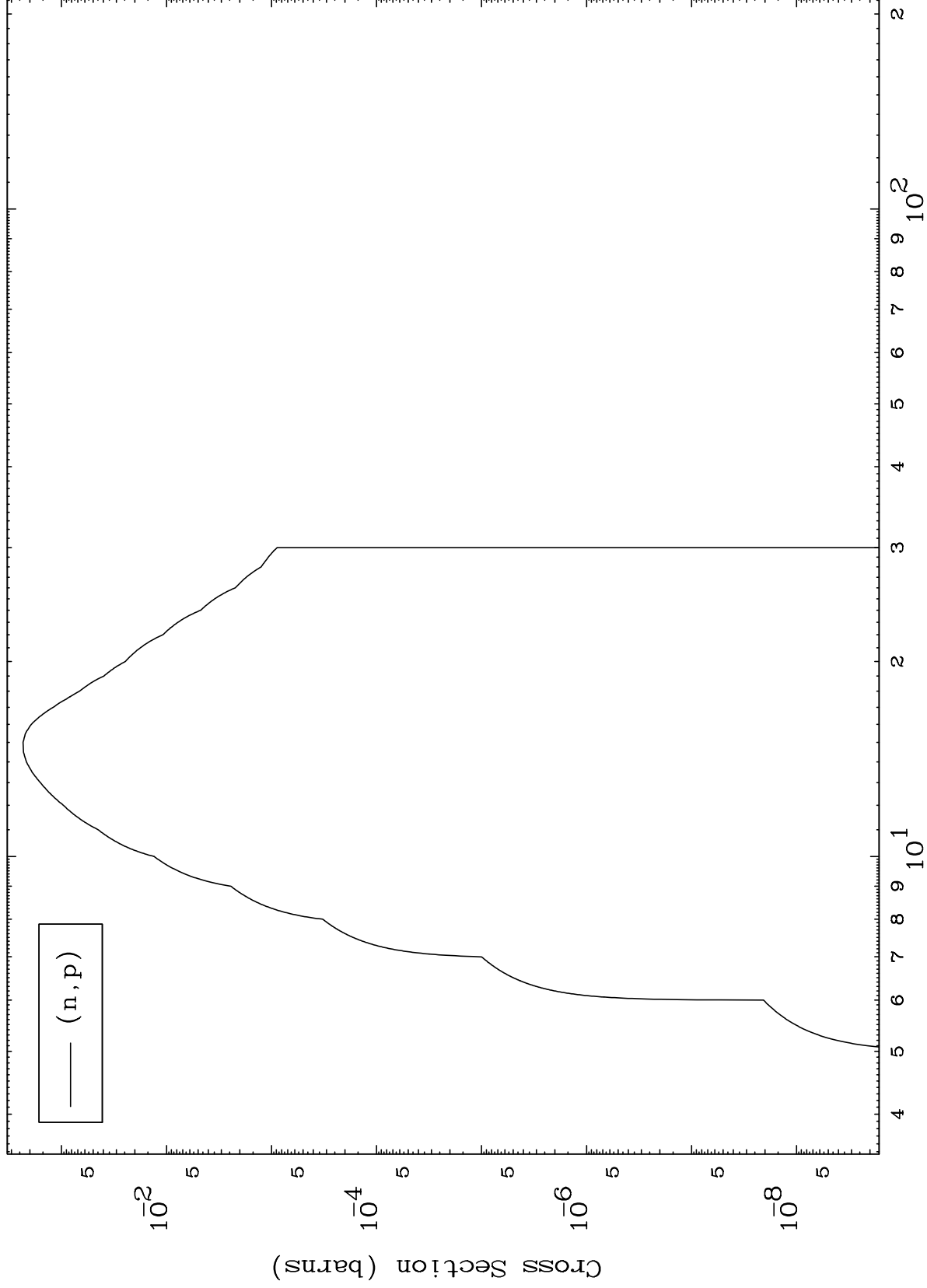




MAT 6389

64-Gd-140

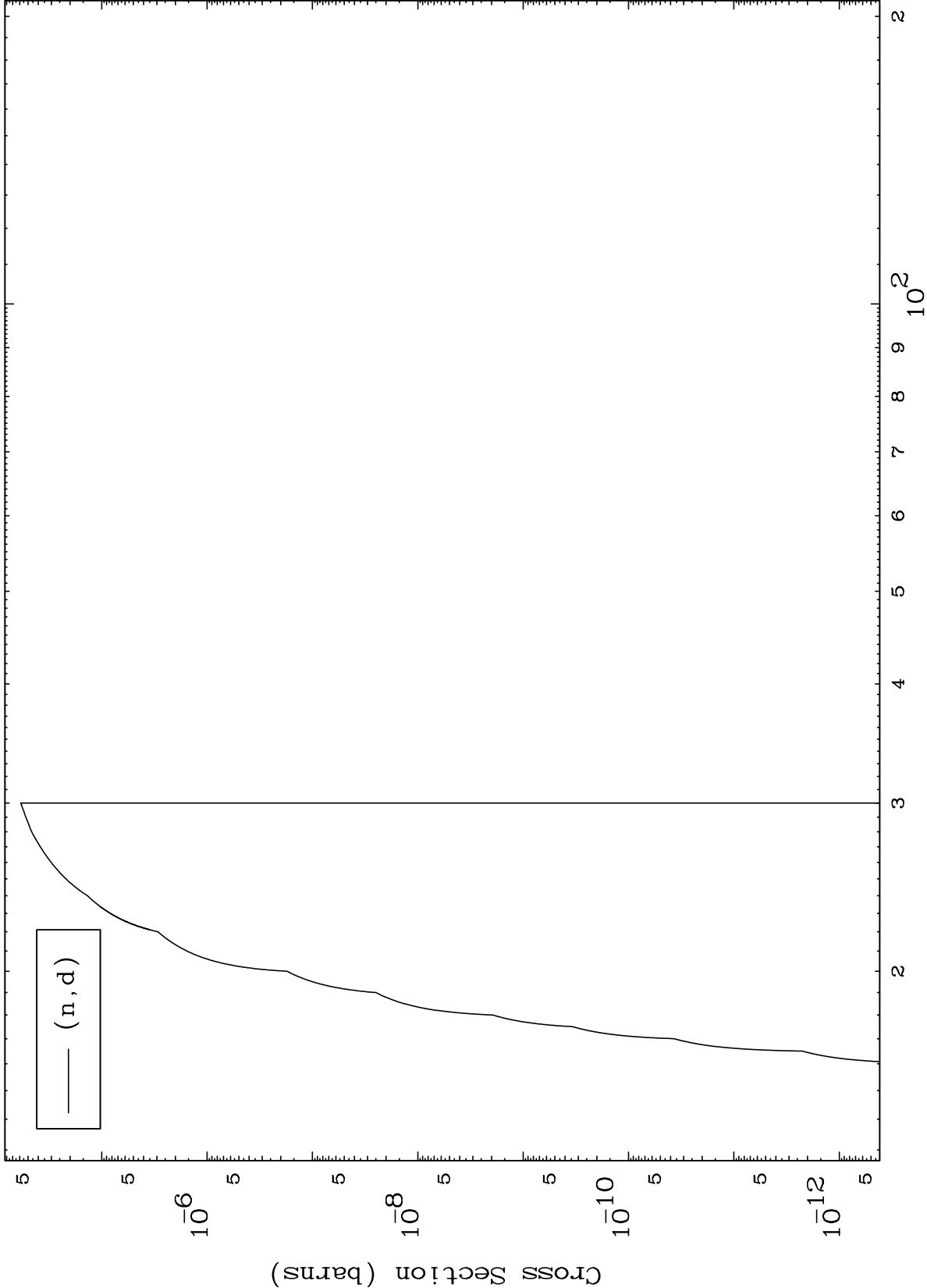
(γ ,p) Levels
0 Kelvin Cross Sections



64-Gd-140

Incident Energy (MeV)

7

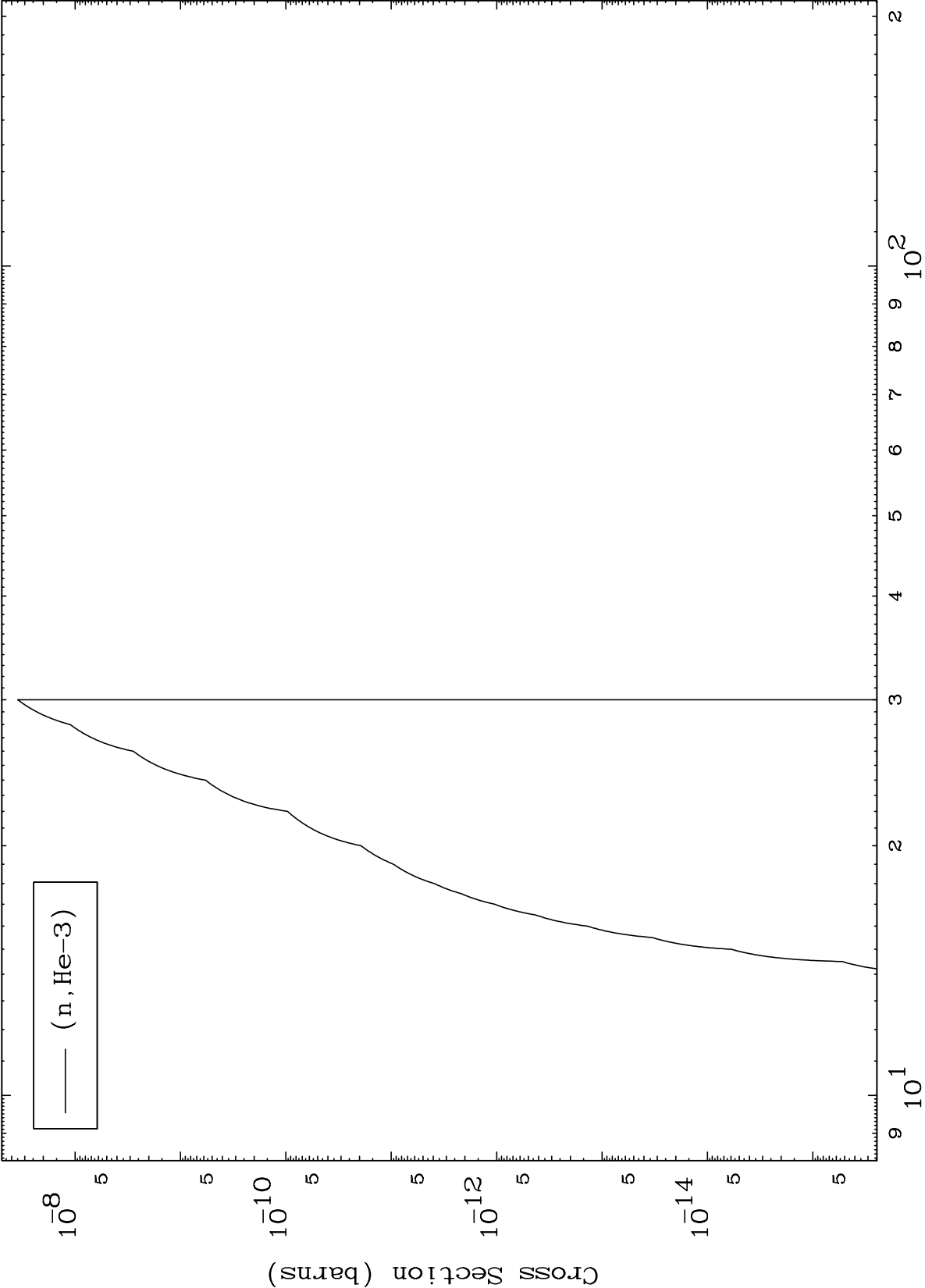


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(γ ,He3) Levels

64-Gd-140

0 Kelvin Cross Sections



9

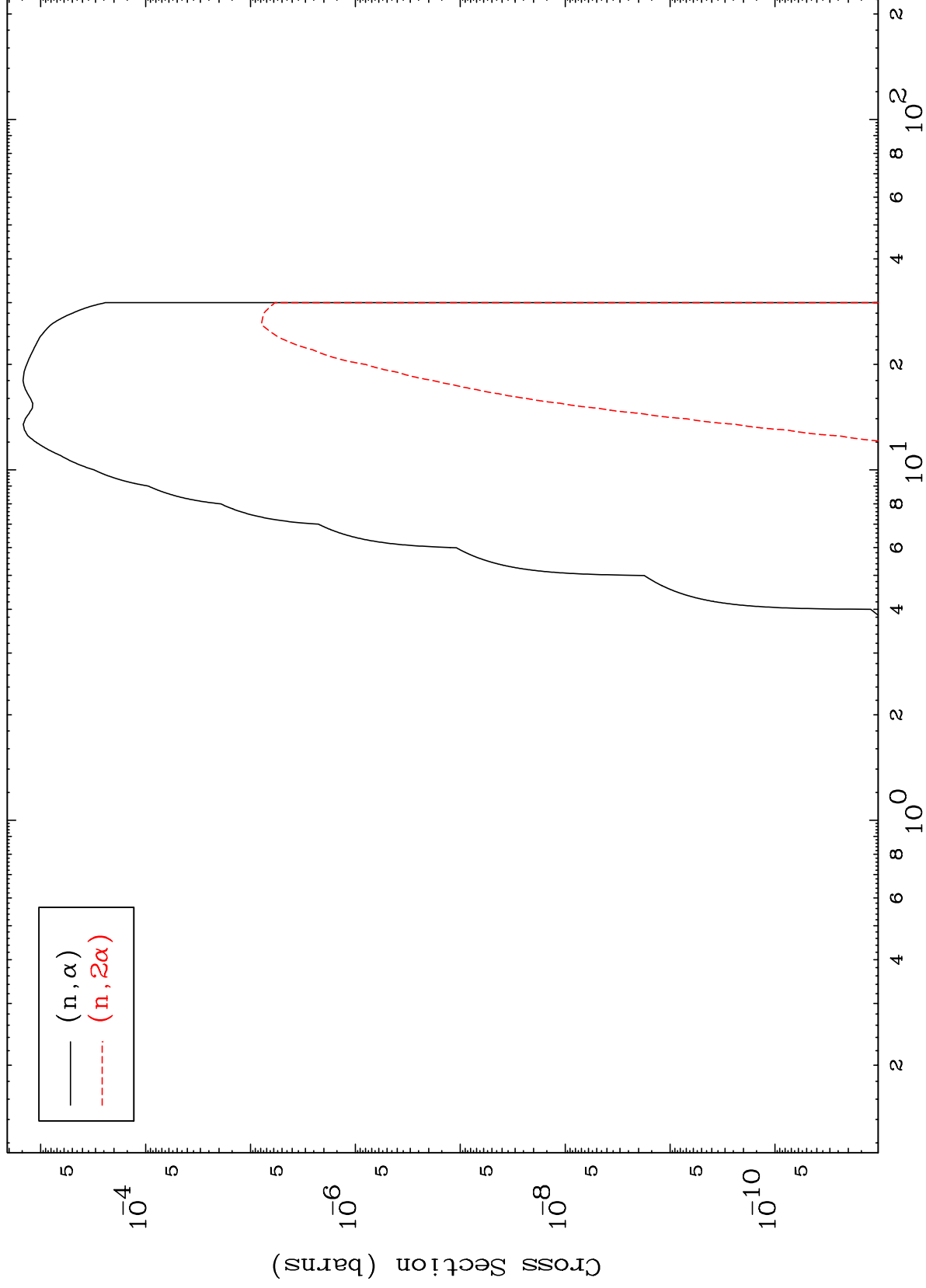
Incident Energy (MeV)

64-Gd-140

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64-Gd-140

(γ, α) Levels
0 Kelvin Cross Sections



64-Gd-140

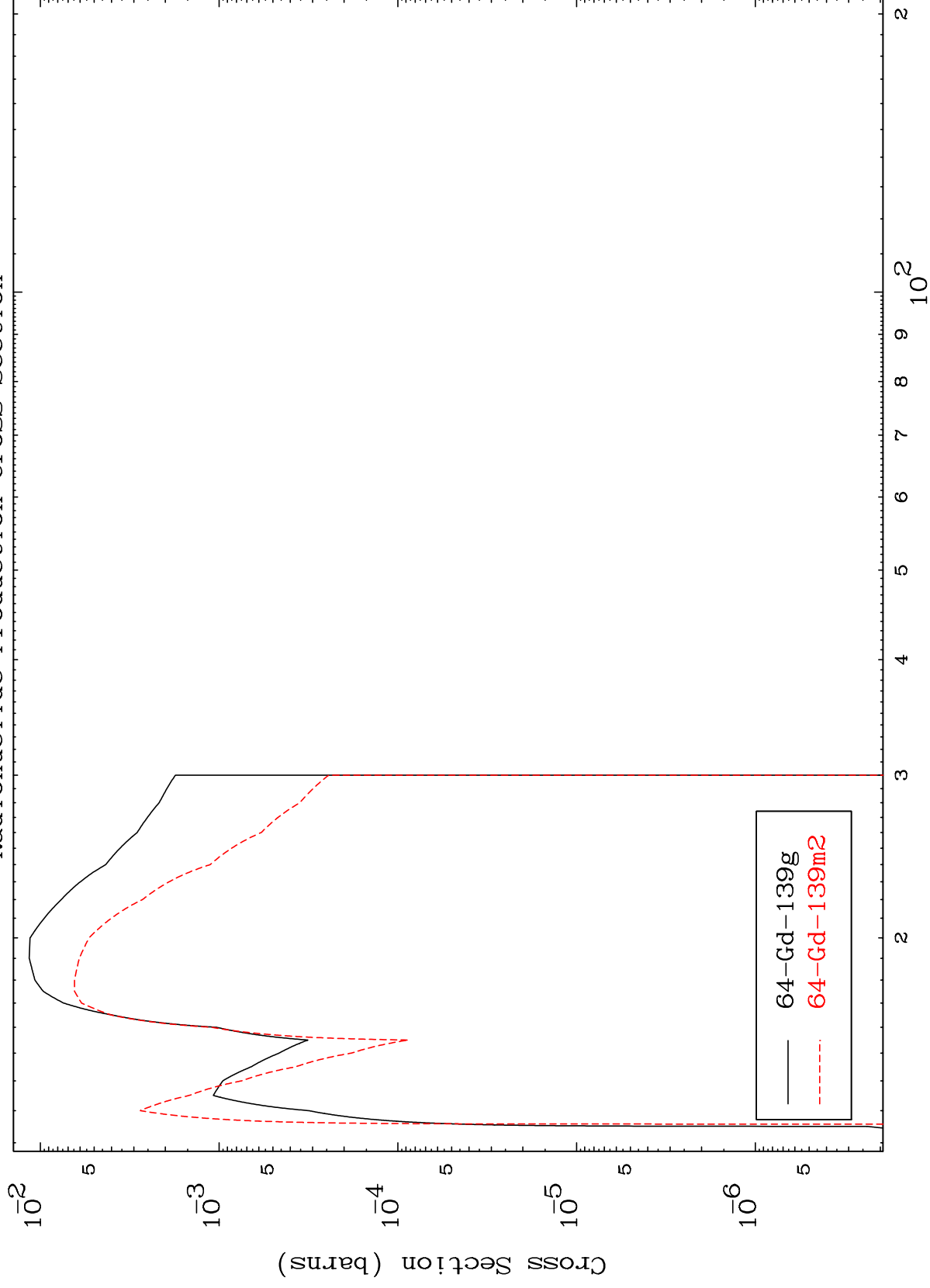
Incident Energy (MeV)

10

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64-Gd-140

Inelastic
Radionuclide Production Cross Section



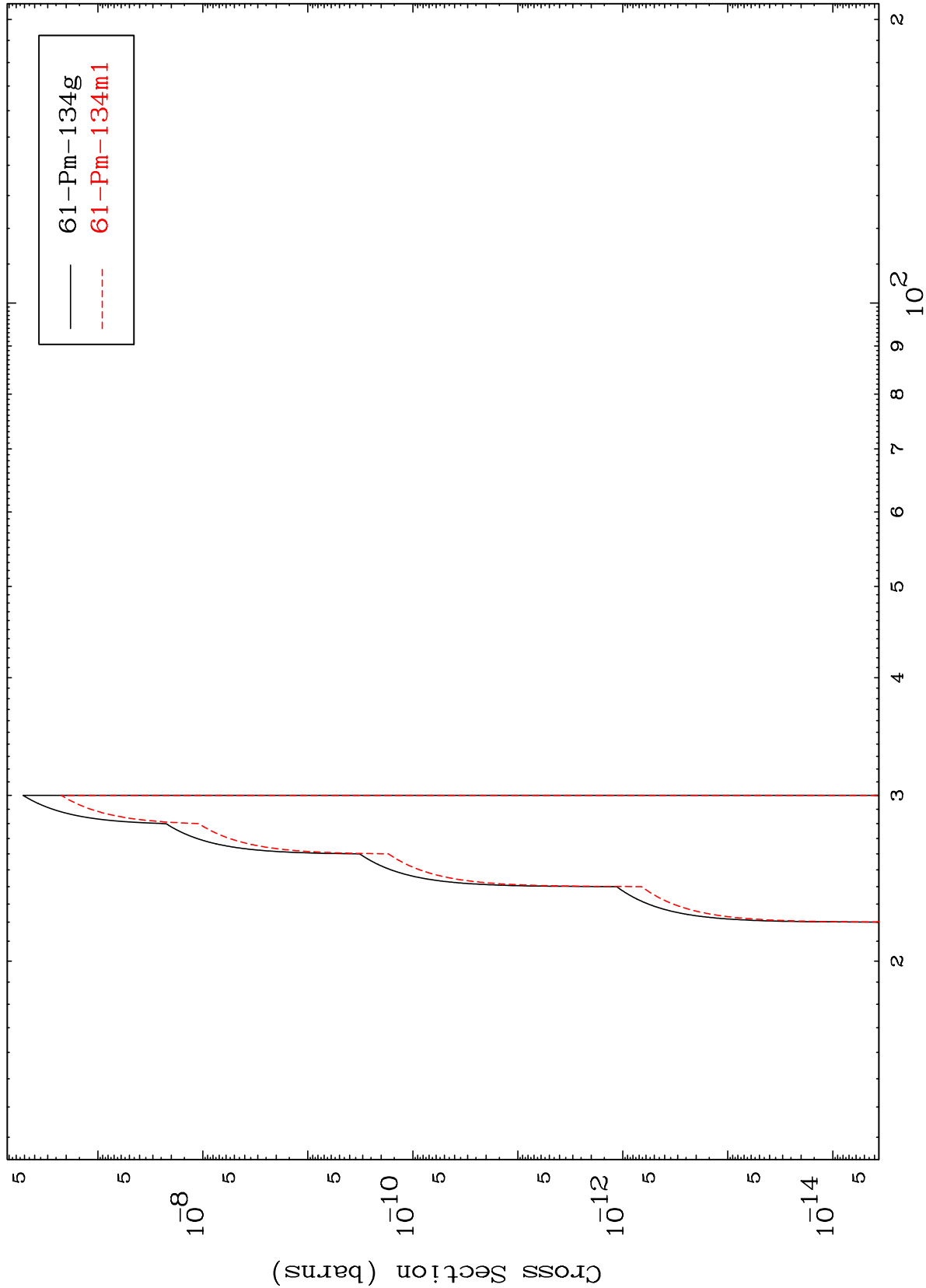
11

64-Gd-140

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64-Gd-140

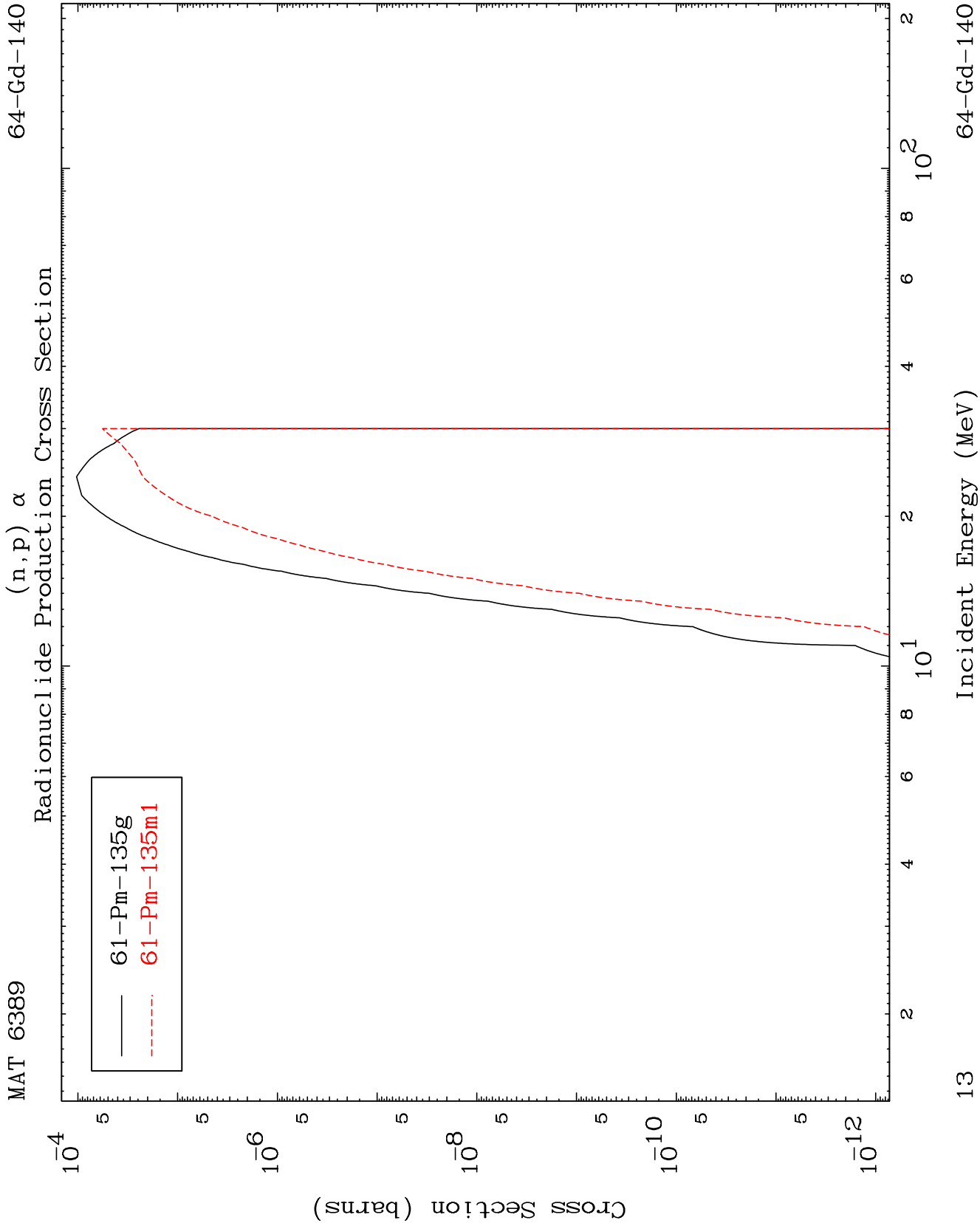
$(n,n')\ p\ \alpha$
Radionuclide Production Cross Section



12

Incident Energy (MeV)

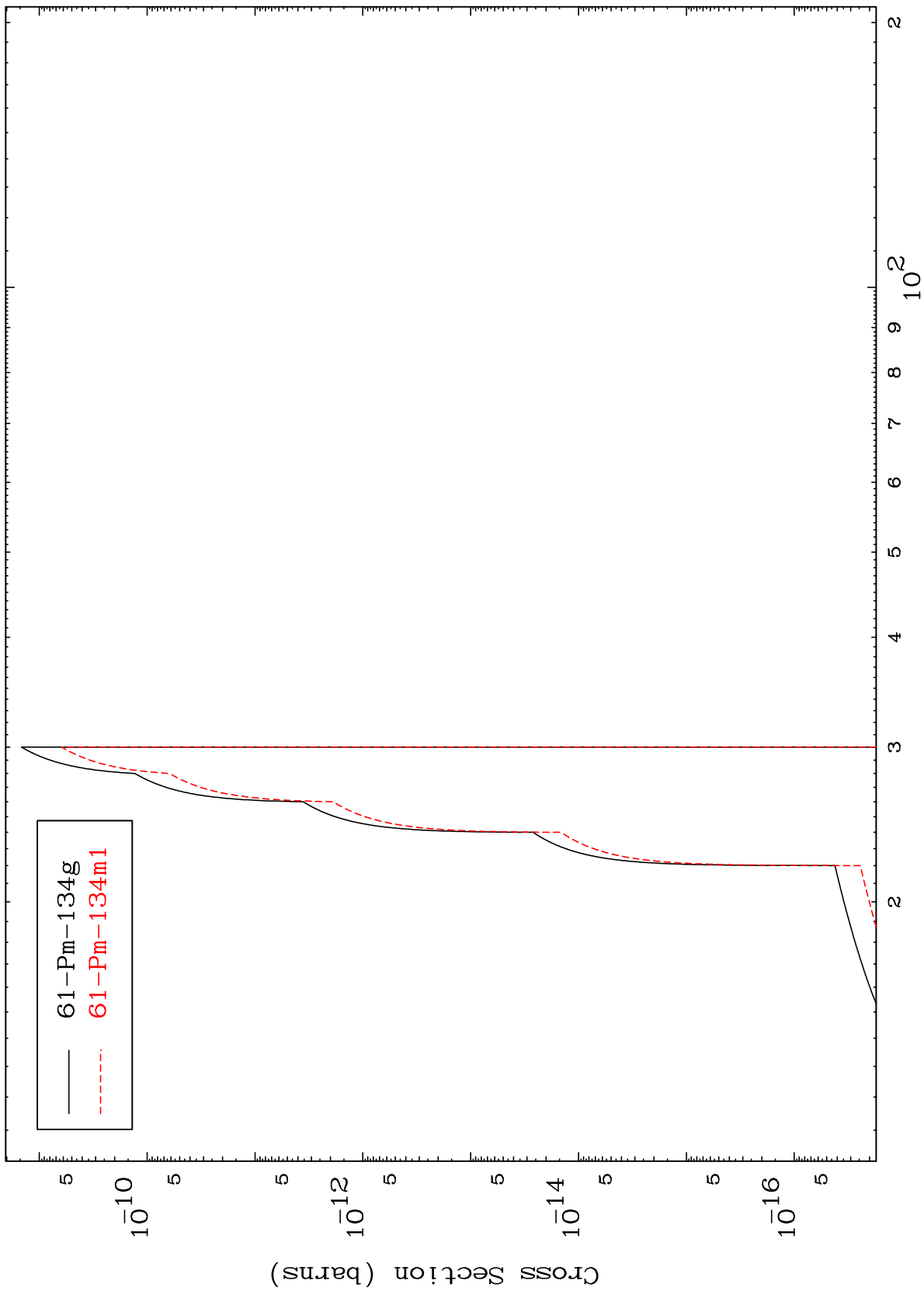
64-Gd-140



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64-Gd-140

Radionuclide Production Cross Section
(n,d) α



14

Incident Energy (MeV)

64-Gd-140