

Program EVALPLOT
(Version 2021-1)

by

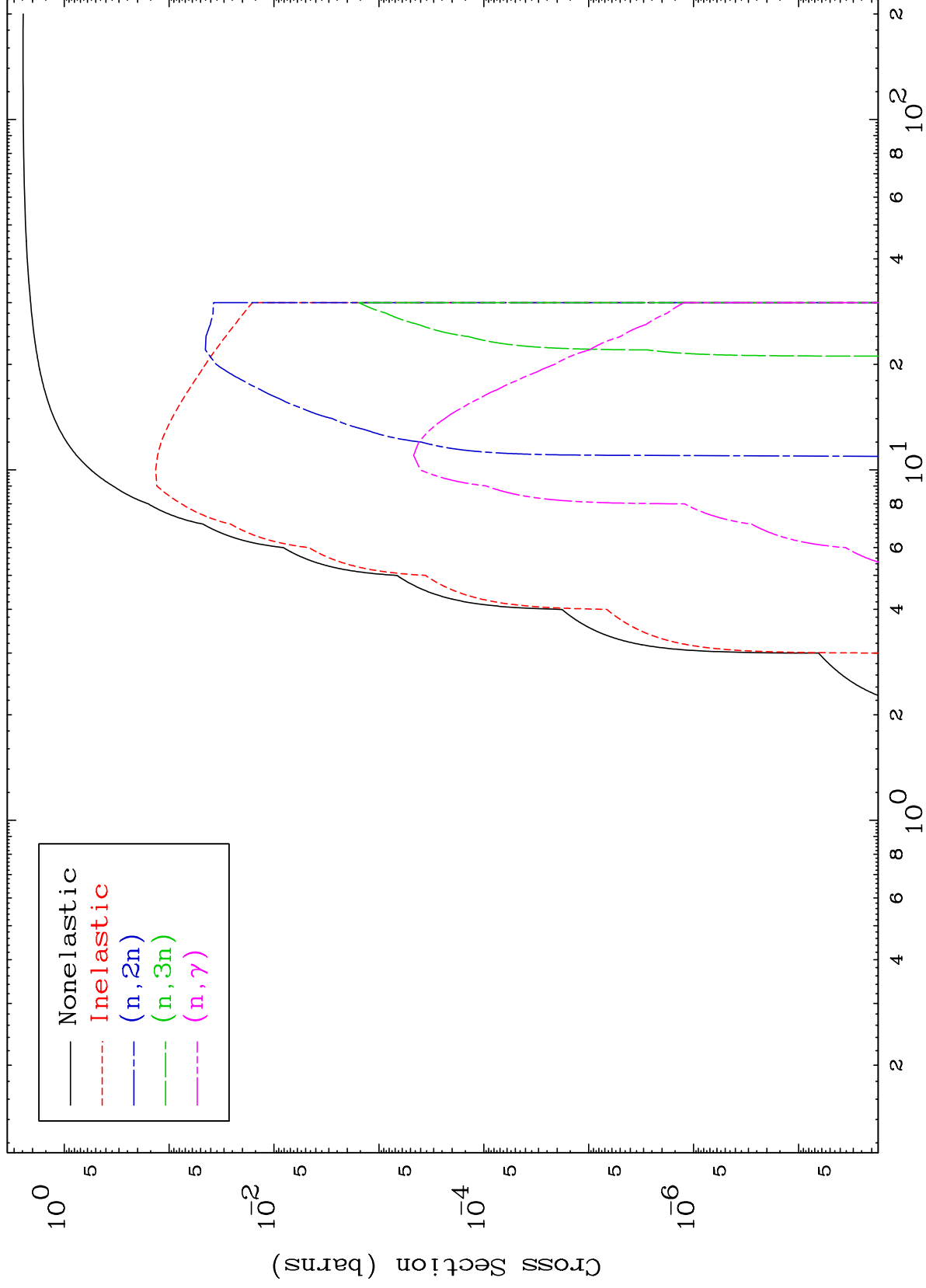
Dermott E. Cullen
(Present Contact Information)

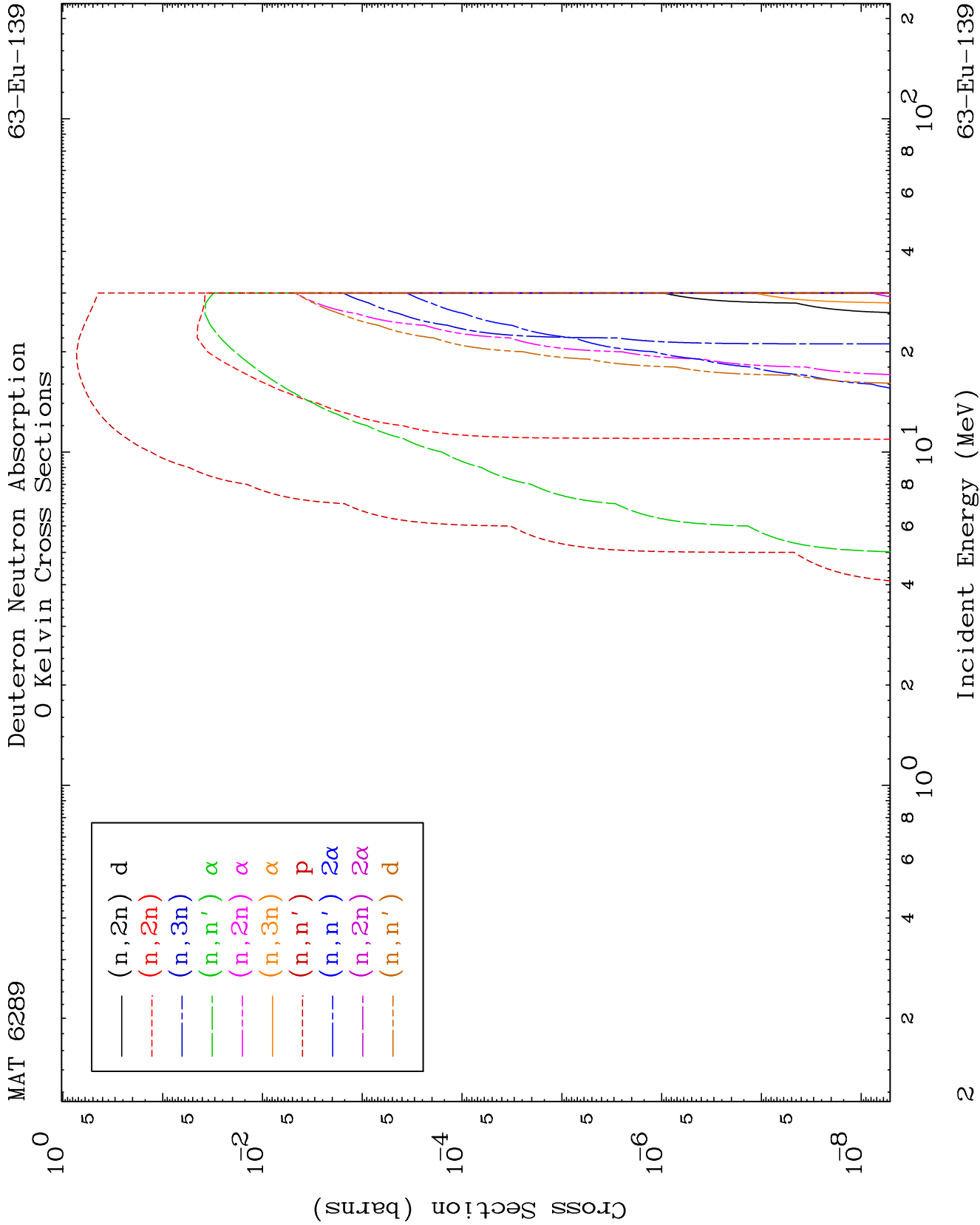
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

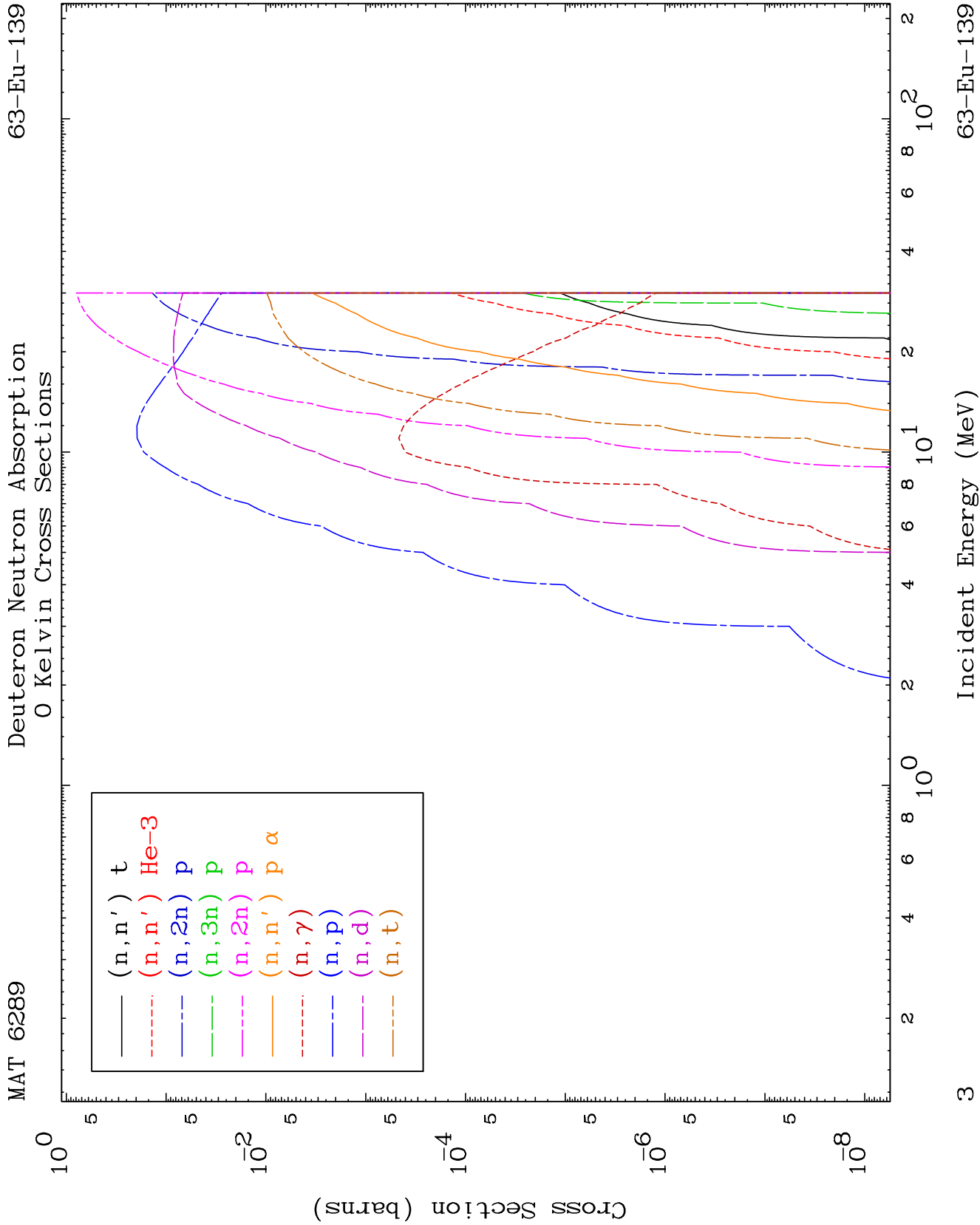
Tele: 925-443-1911

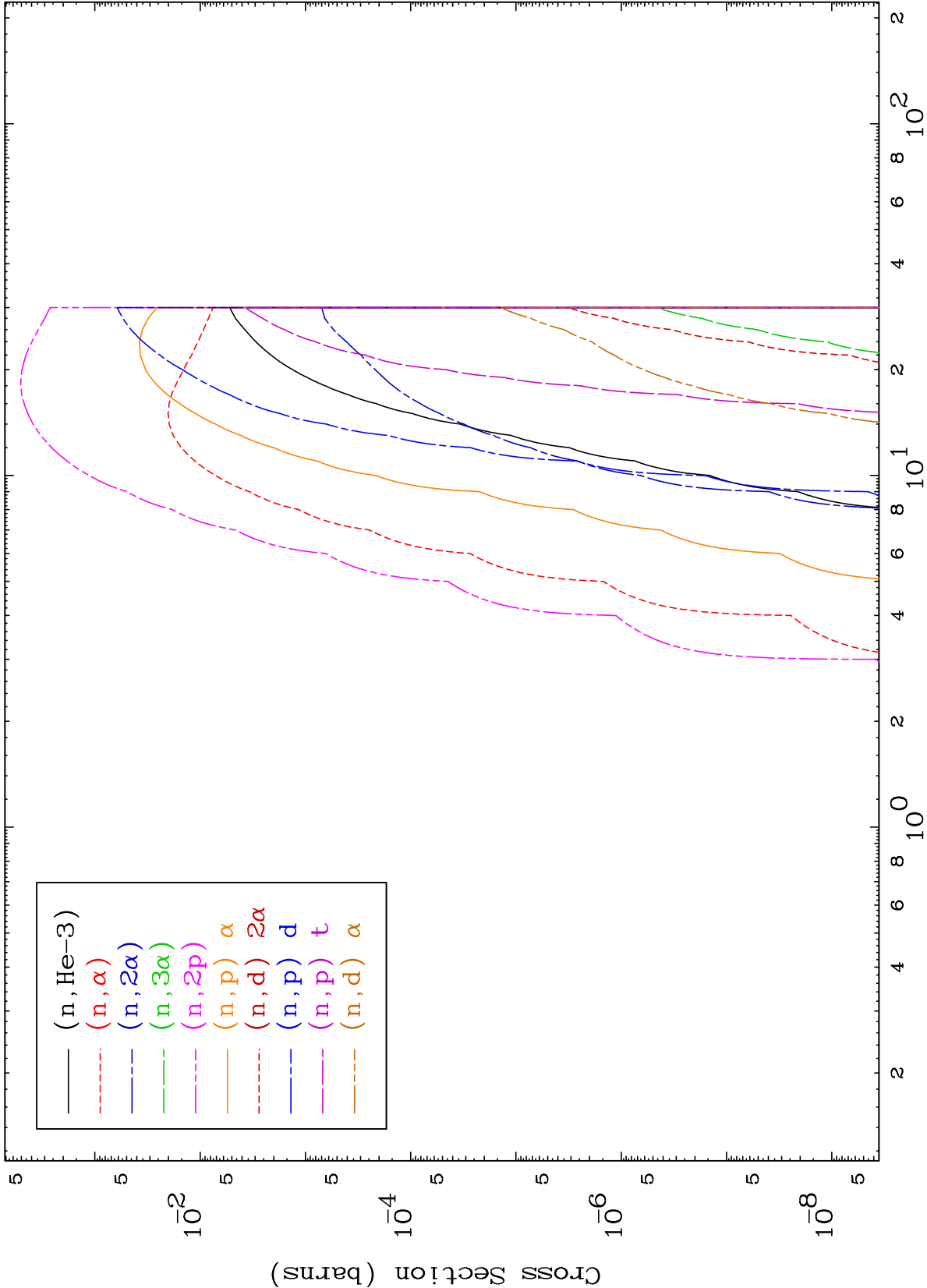
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

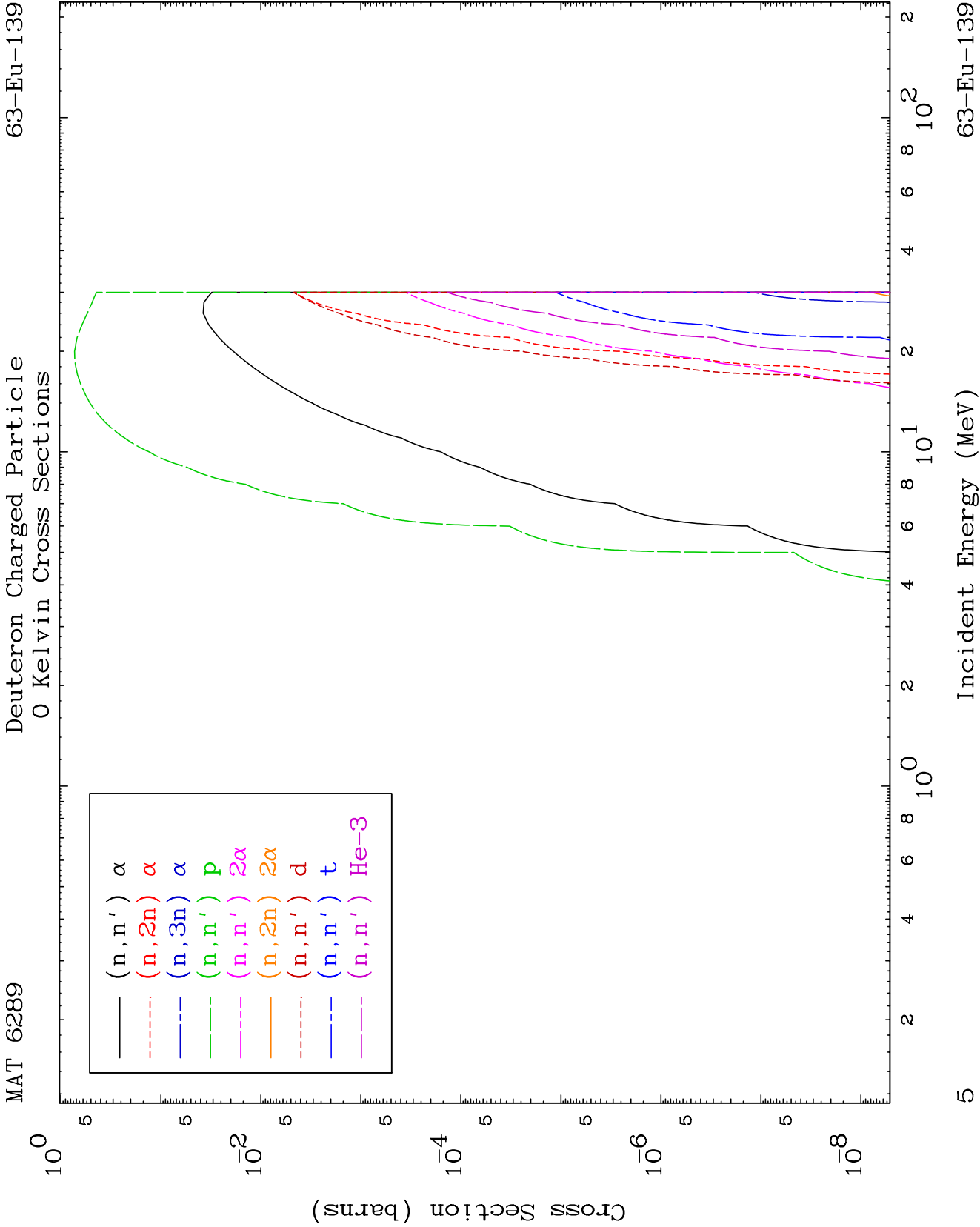
Press Mouse Button to Start

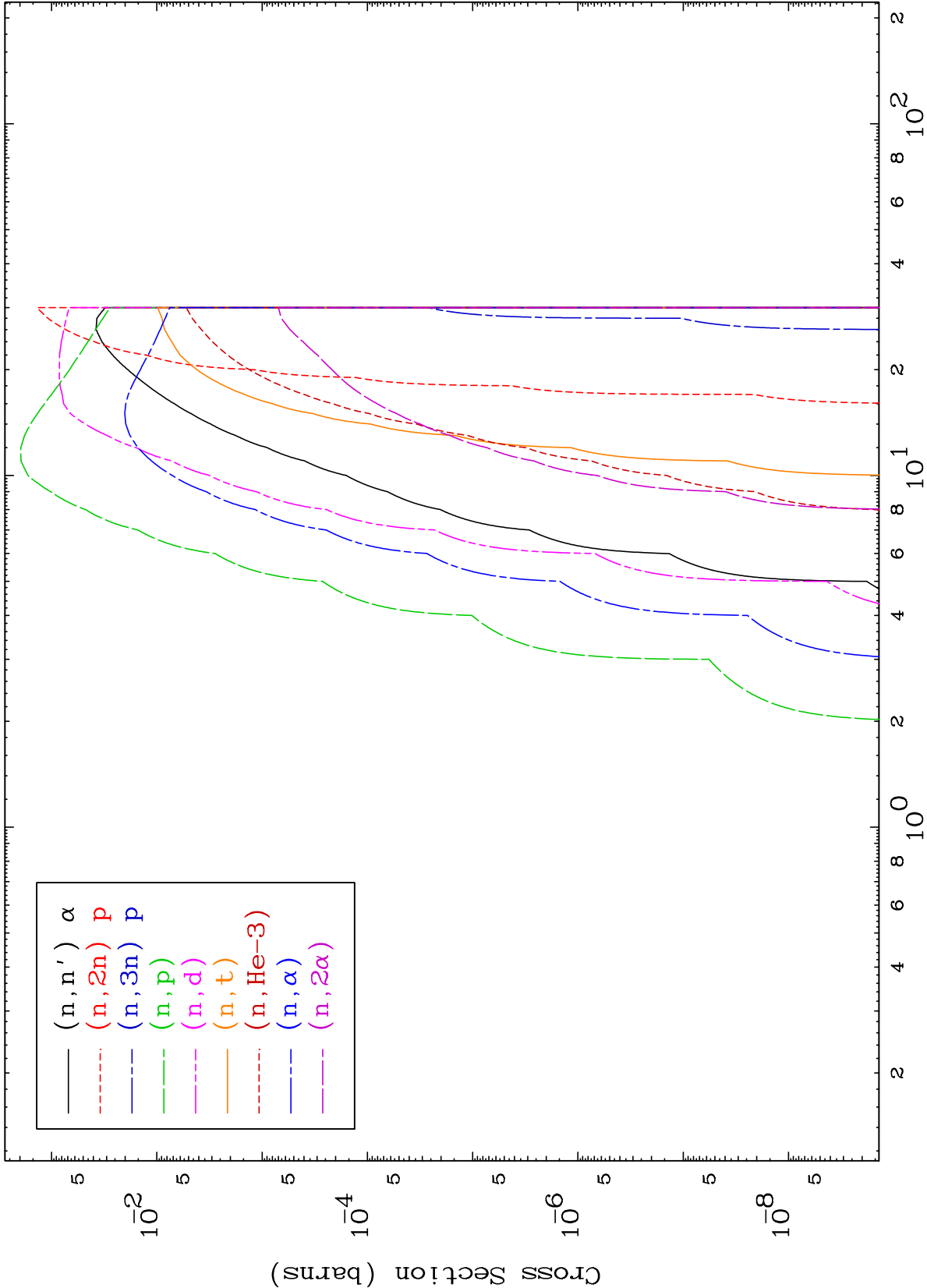


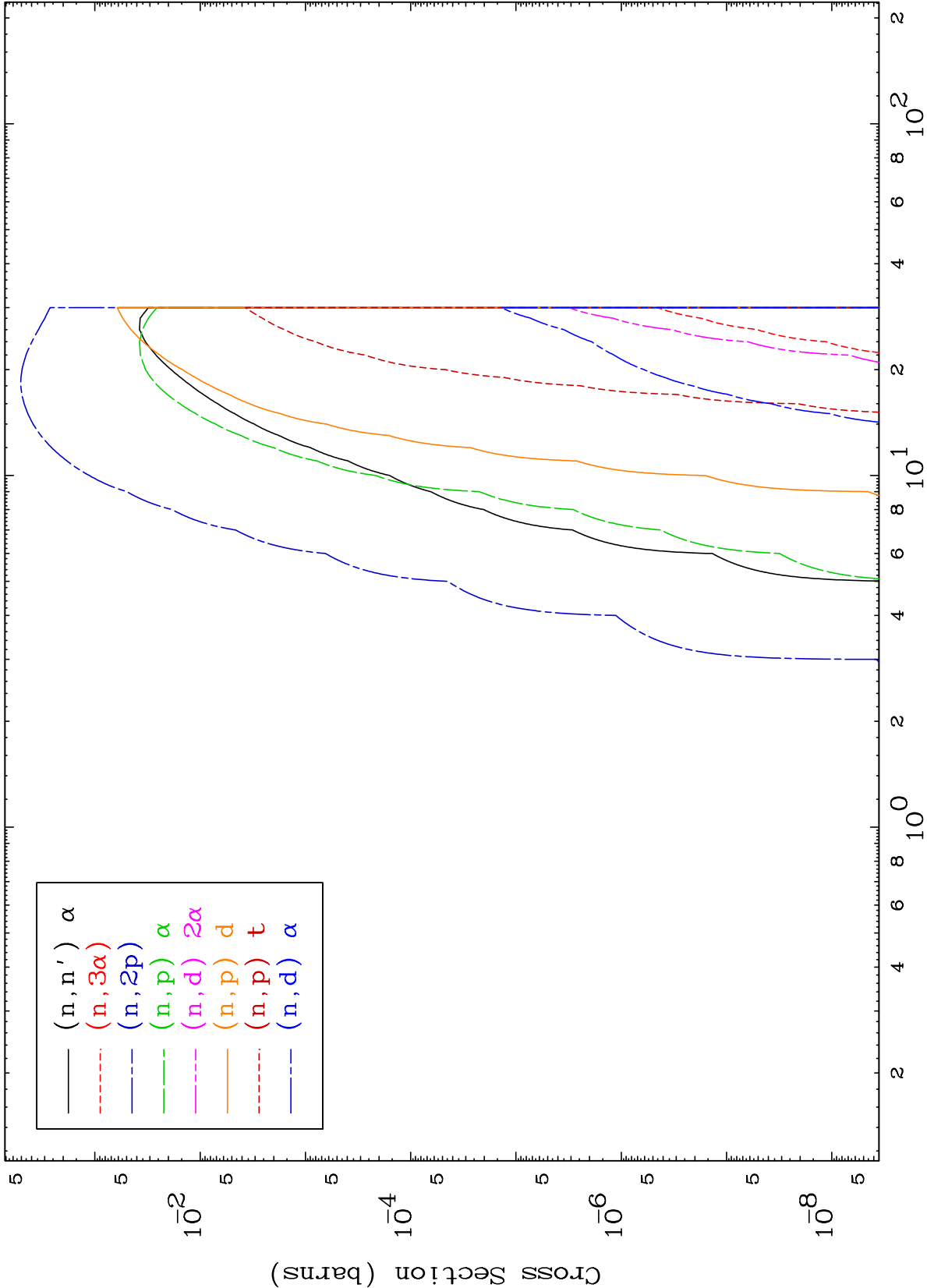








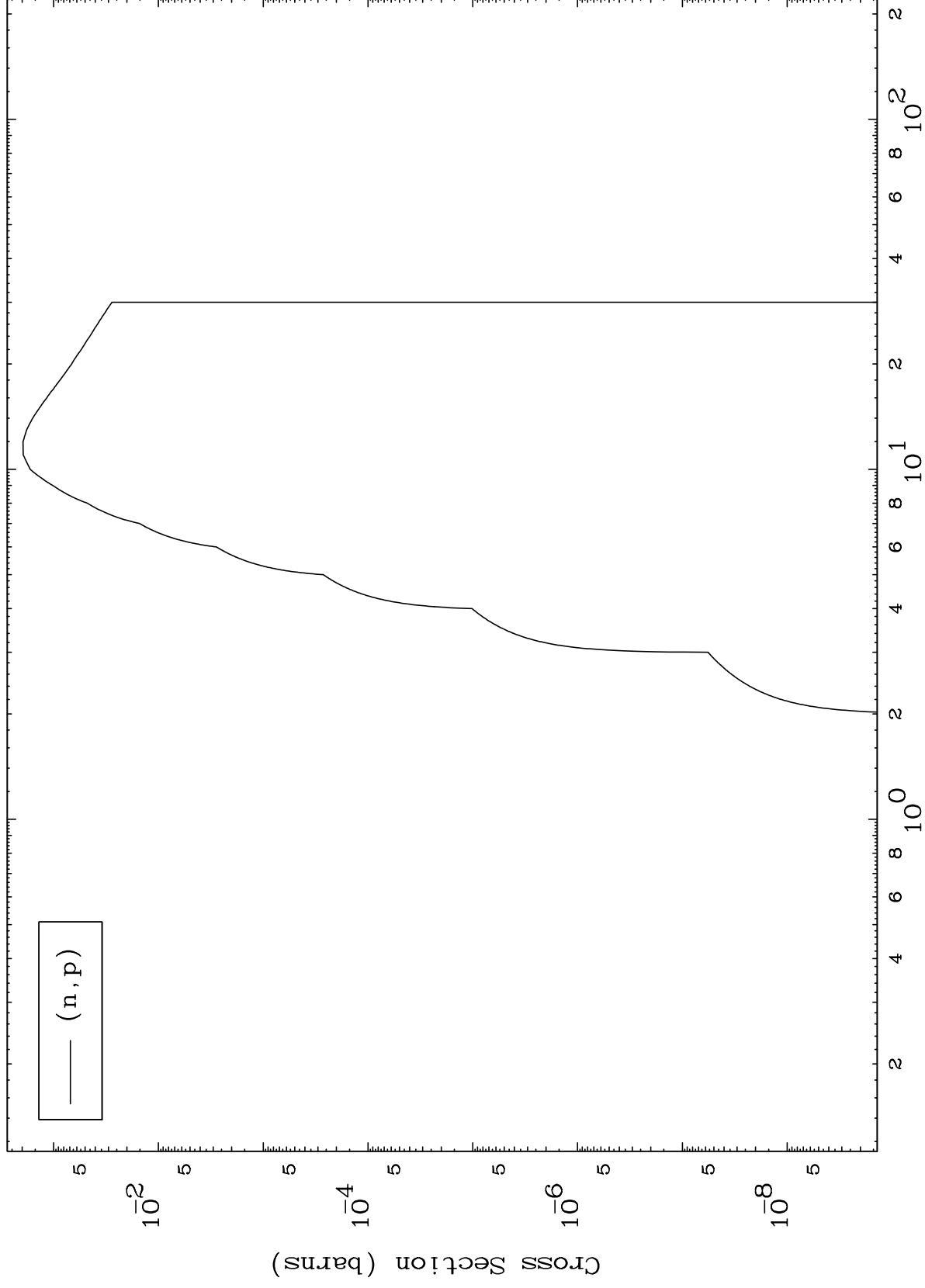




MAT 6289

63-Eu-139

(d,p) Levels
0 Kelvin Cross Sections

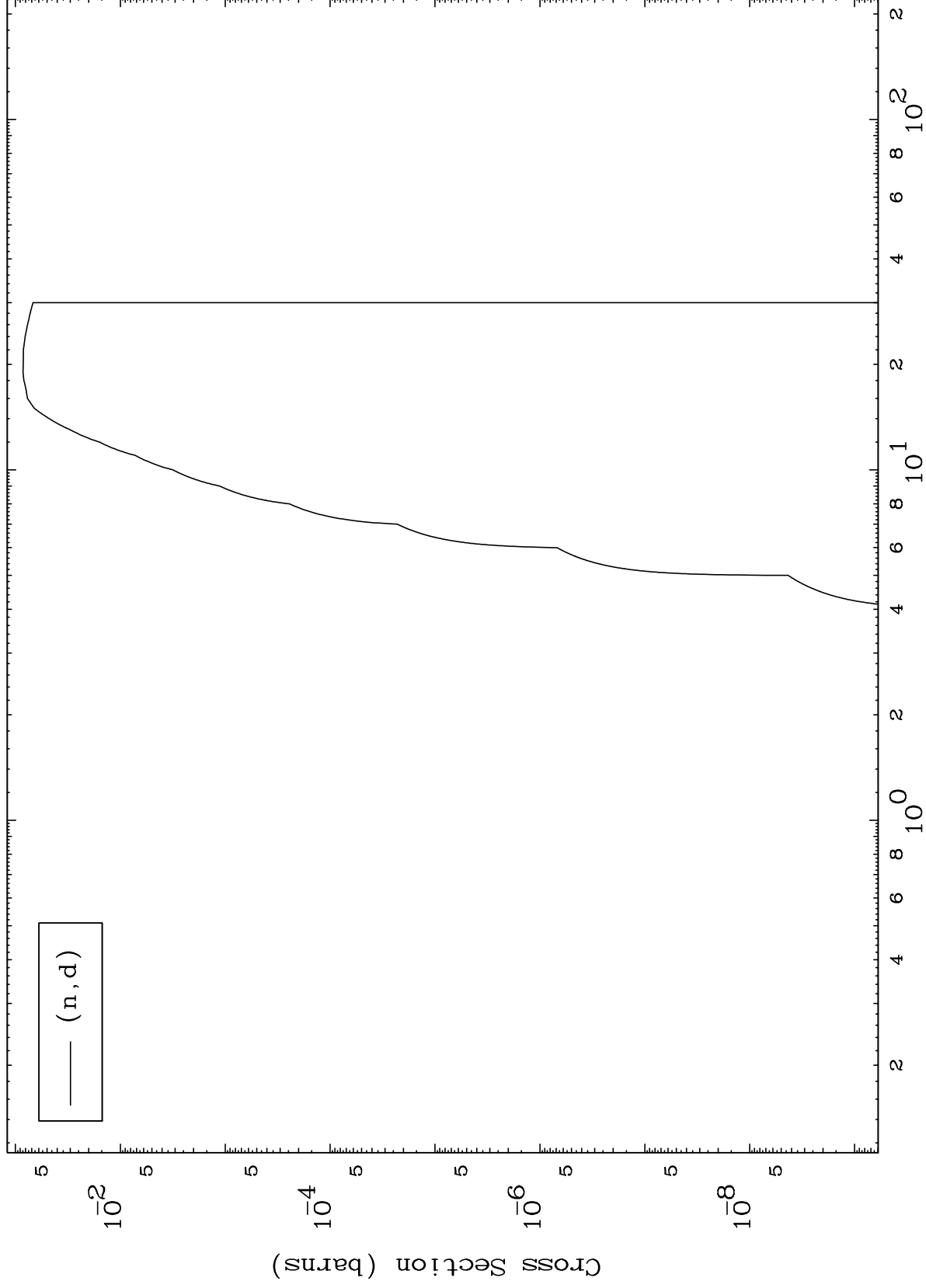


— (n,p)

MAT 6289

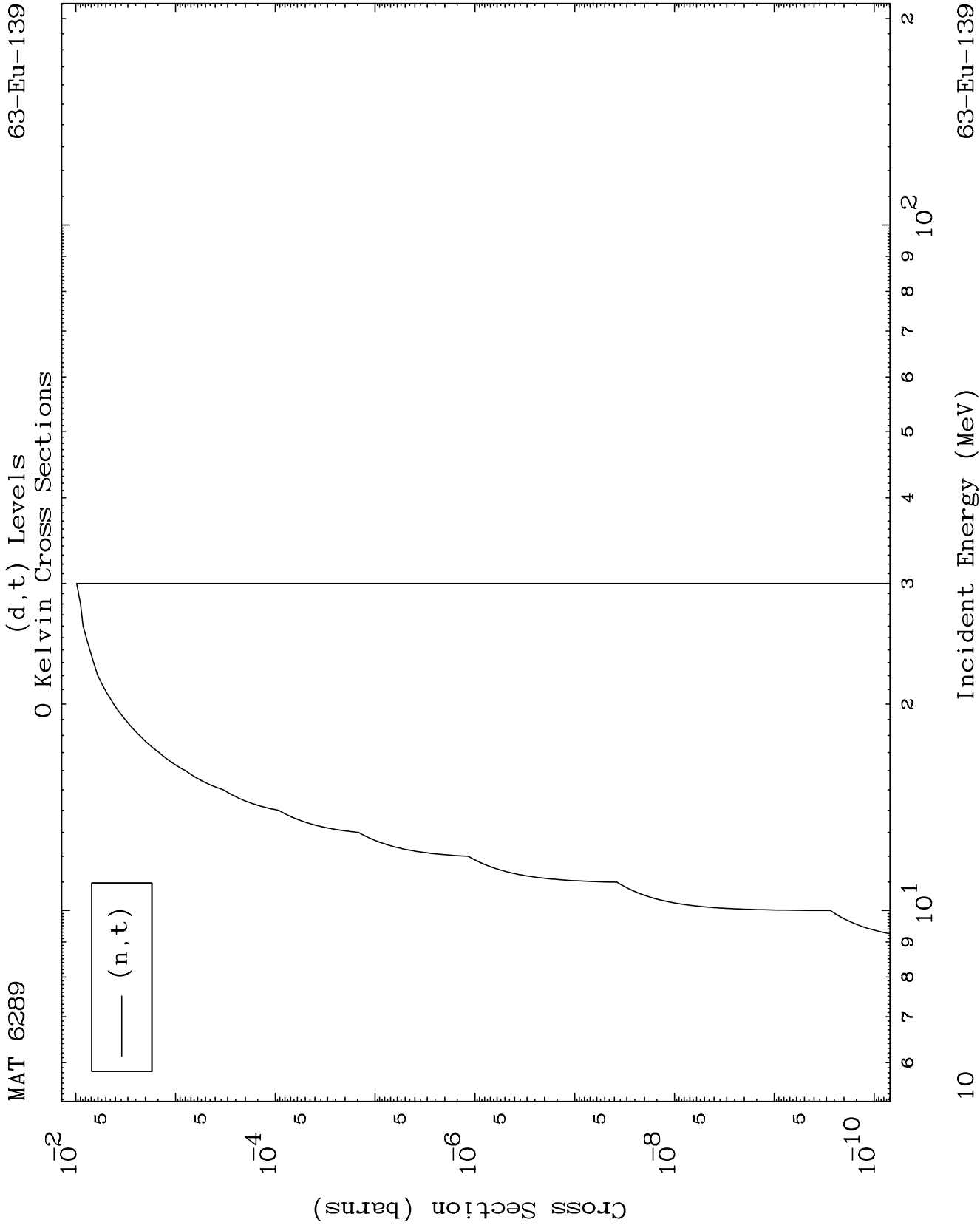
63-Eu-139

(d,d) Levels
0 Kelvin Cross Sections



9

63-Eu-139

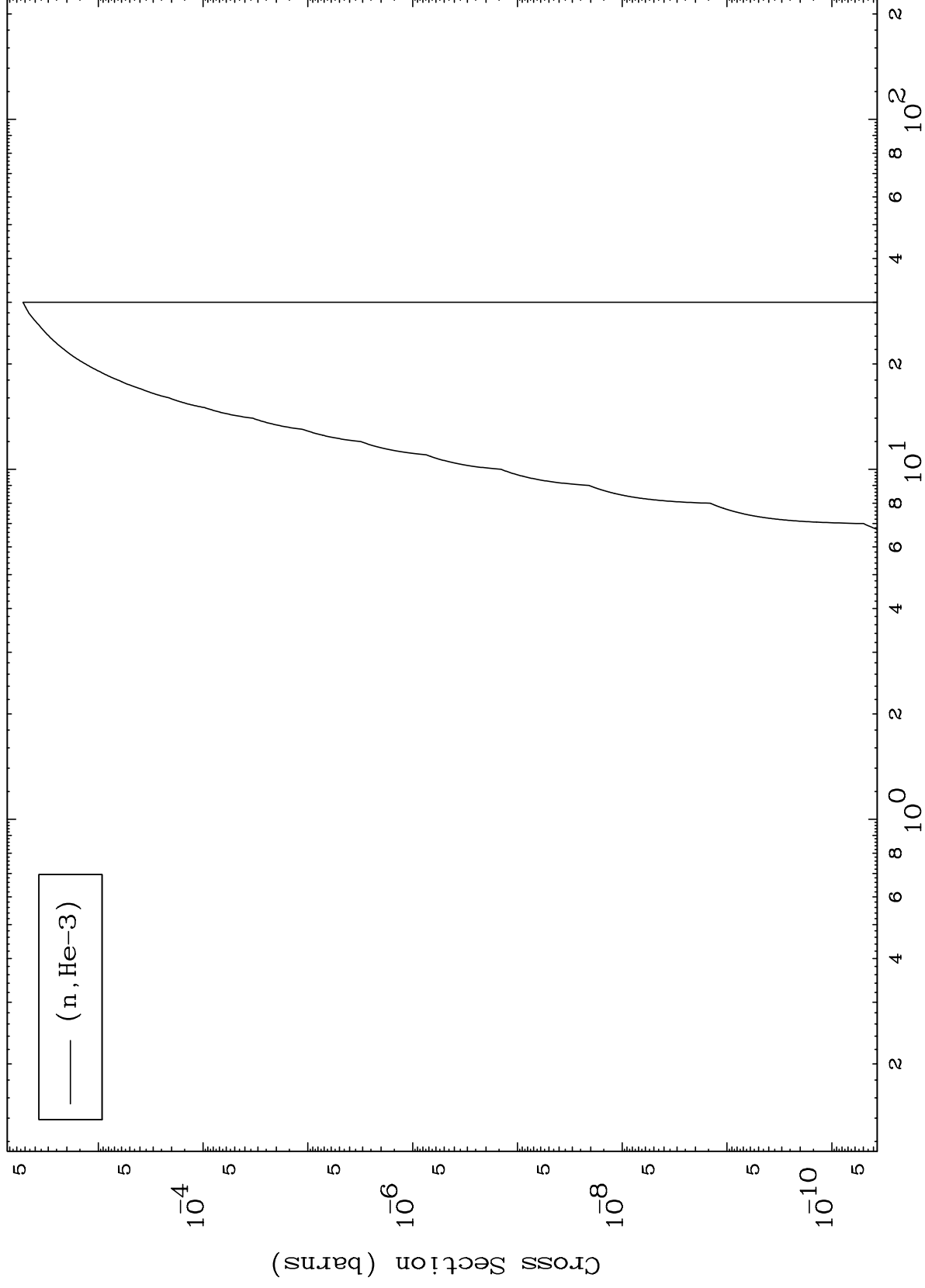


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(d,He3) Levels

63-Eu-139

0 Kelvin Cross Sections



11

Incident Energy (MeV)

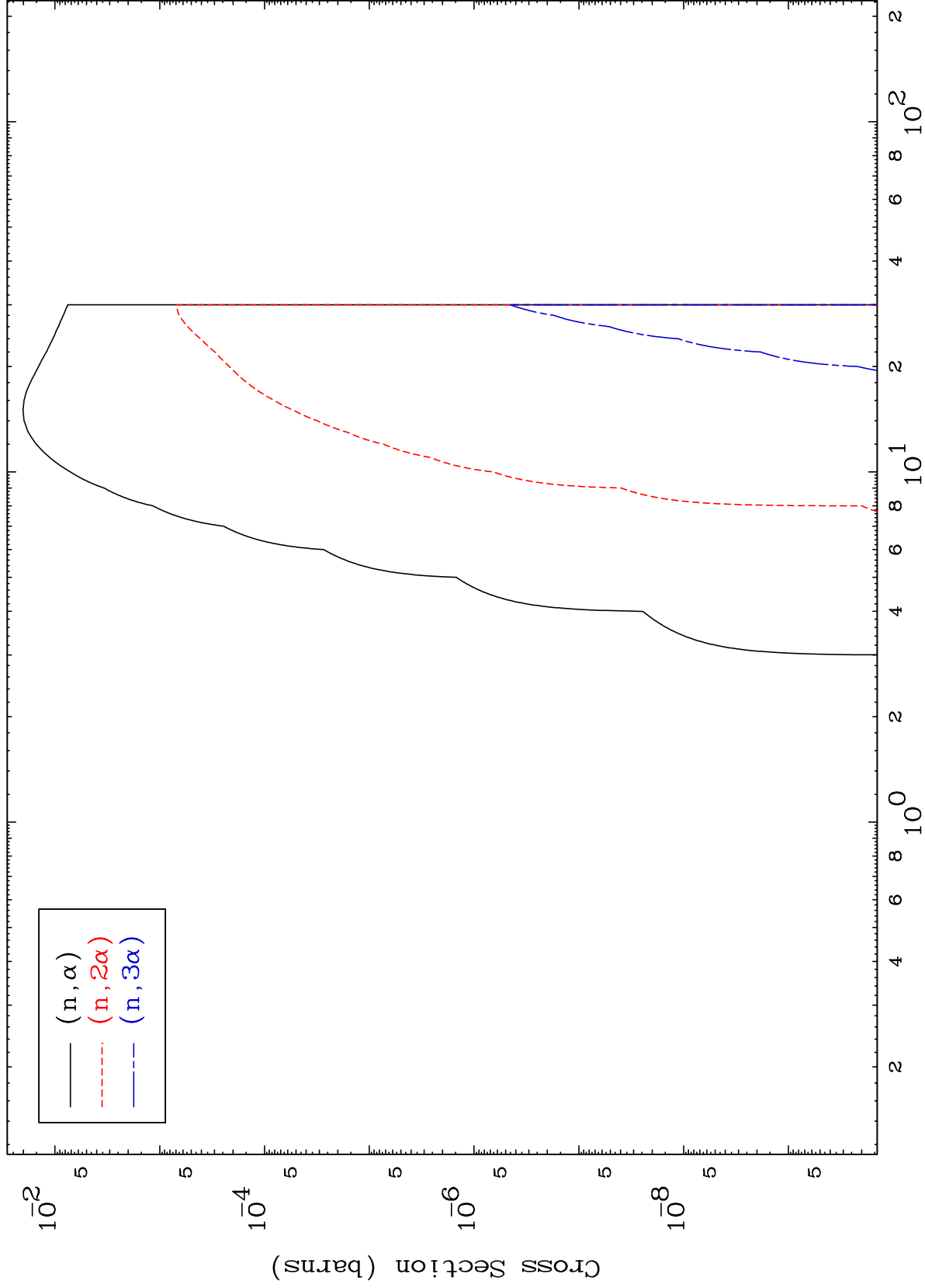
63-Eu-139

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(d, α) Levels

63-Eu-139

0 Kelvin Cross Sections



12

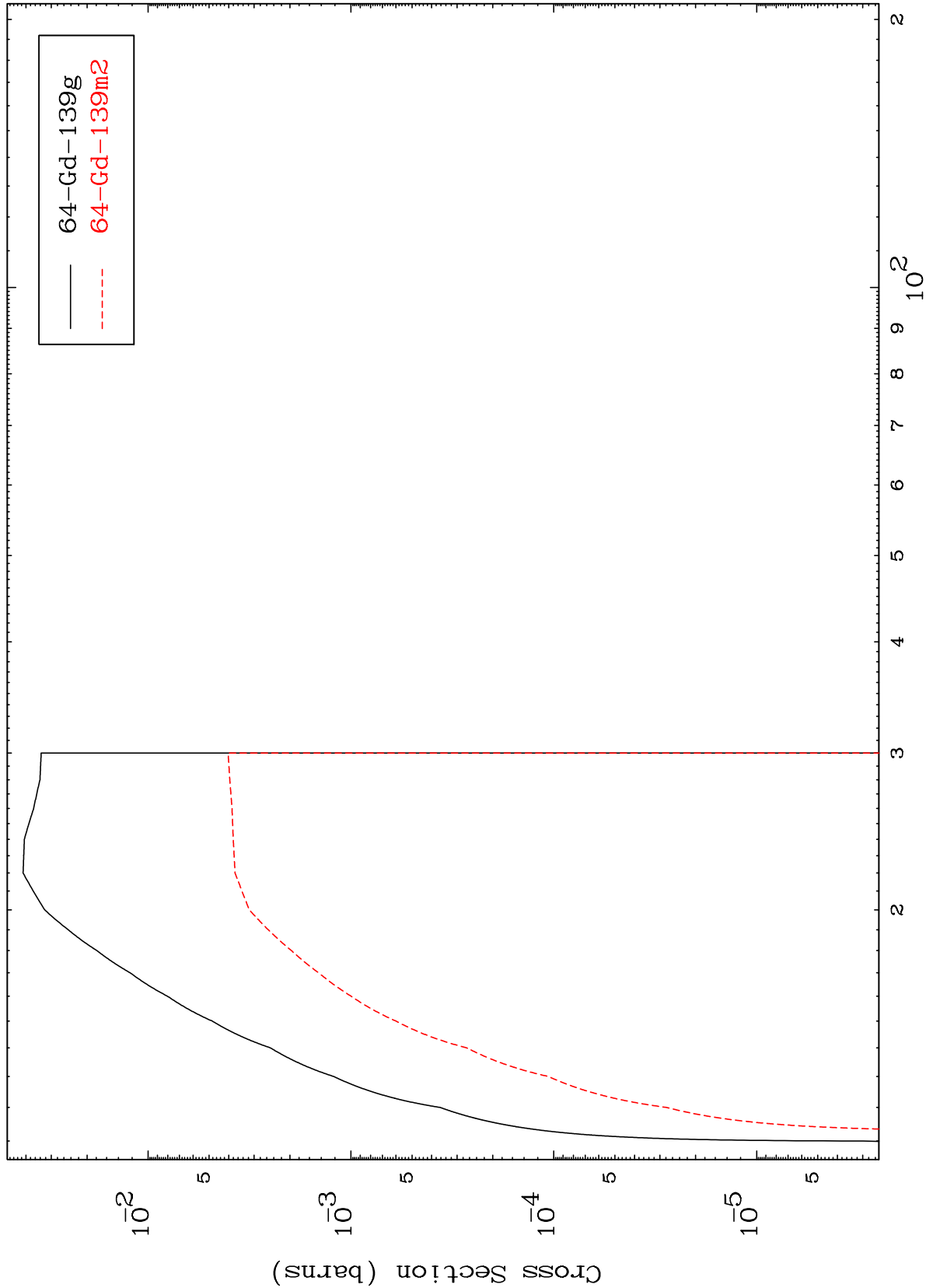
Incident Energy (MeV)

63-Eu-139

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63-Eu-139

(n,2n)
Radionuclide Production Cross Section



63-Eu-139

Incident Energy (MeV)

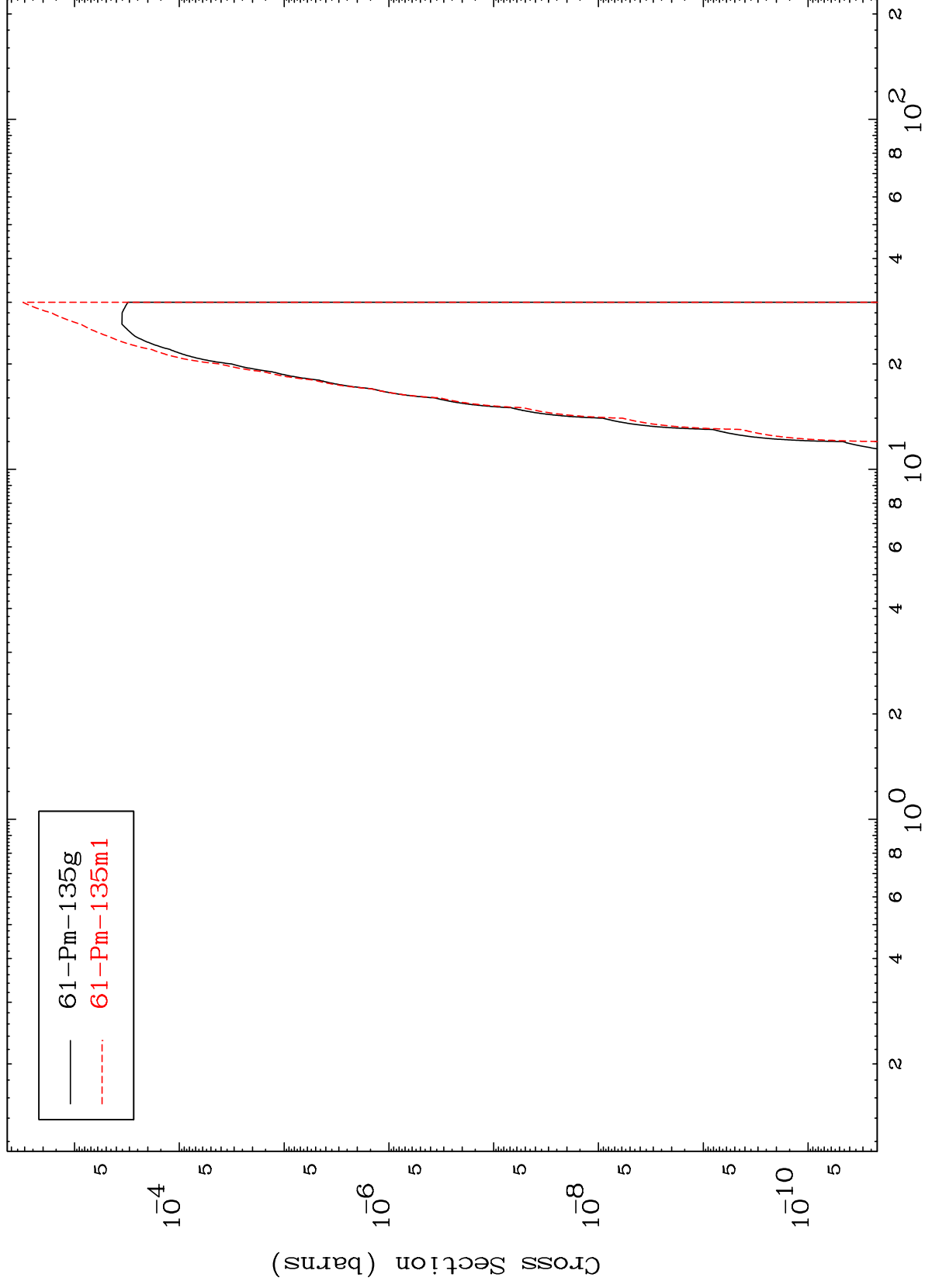
13

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(n,n') p α

63-Eu-139

Radionuclide Production Cross Section



14

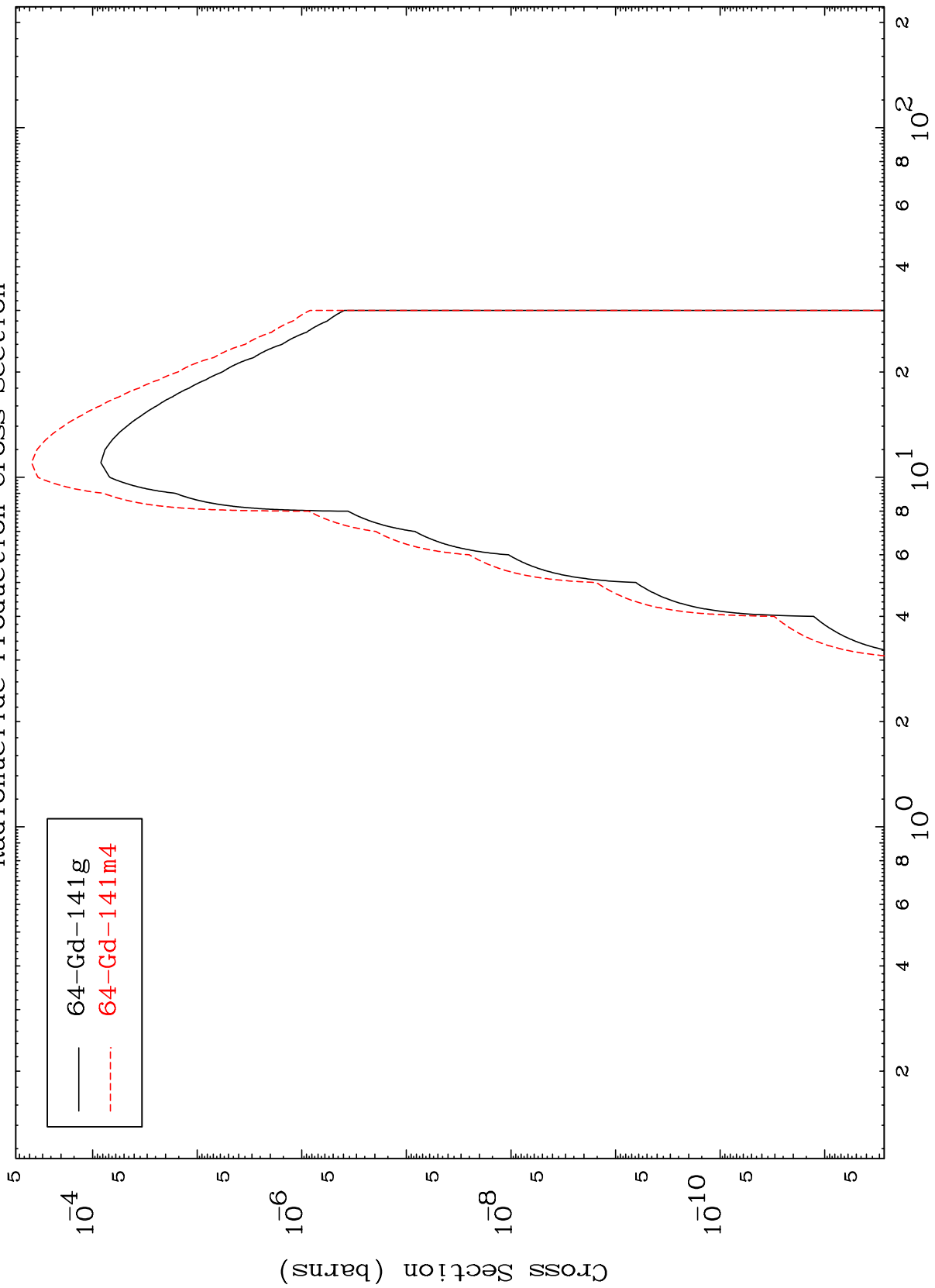
Incident Energy (MeV)

63-Eu-139

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63-Eu-139

Radionuclide Production Cross Section
(n, γ)



15

Incident Energy (MeV)

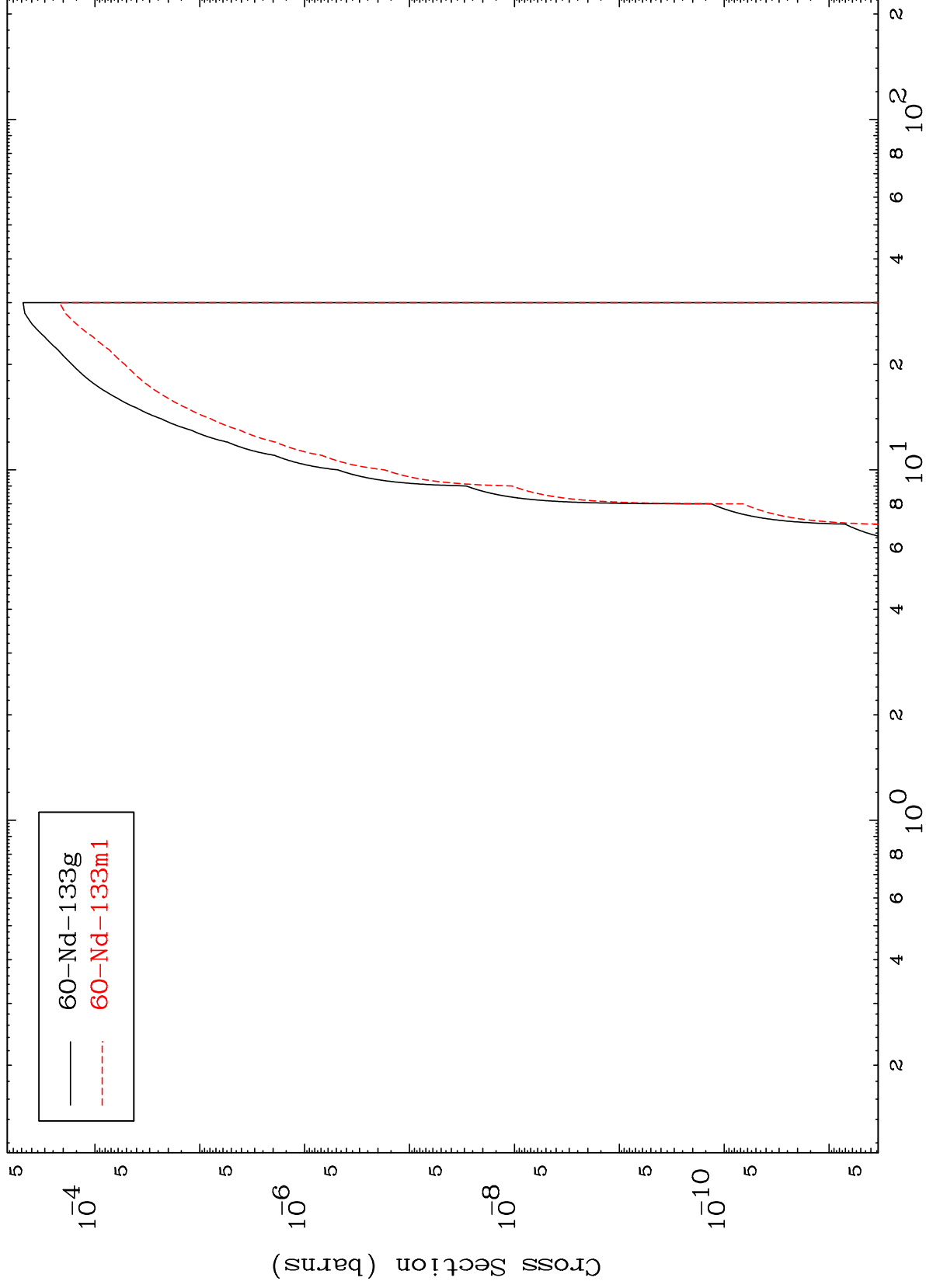
63-Eu-139

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(n,2α)

63-Eu-139

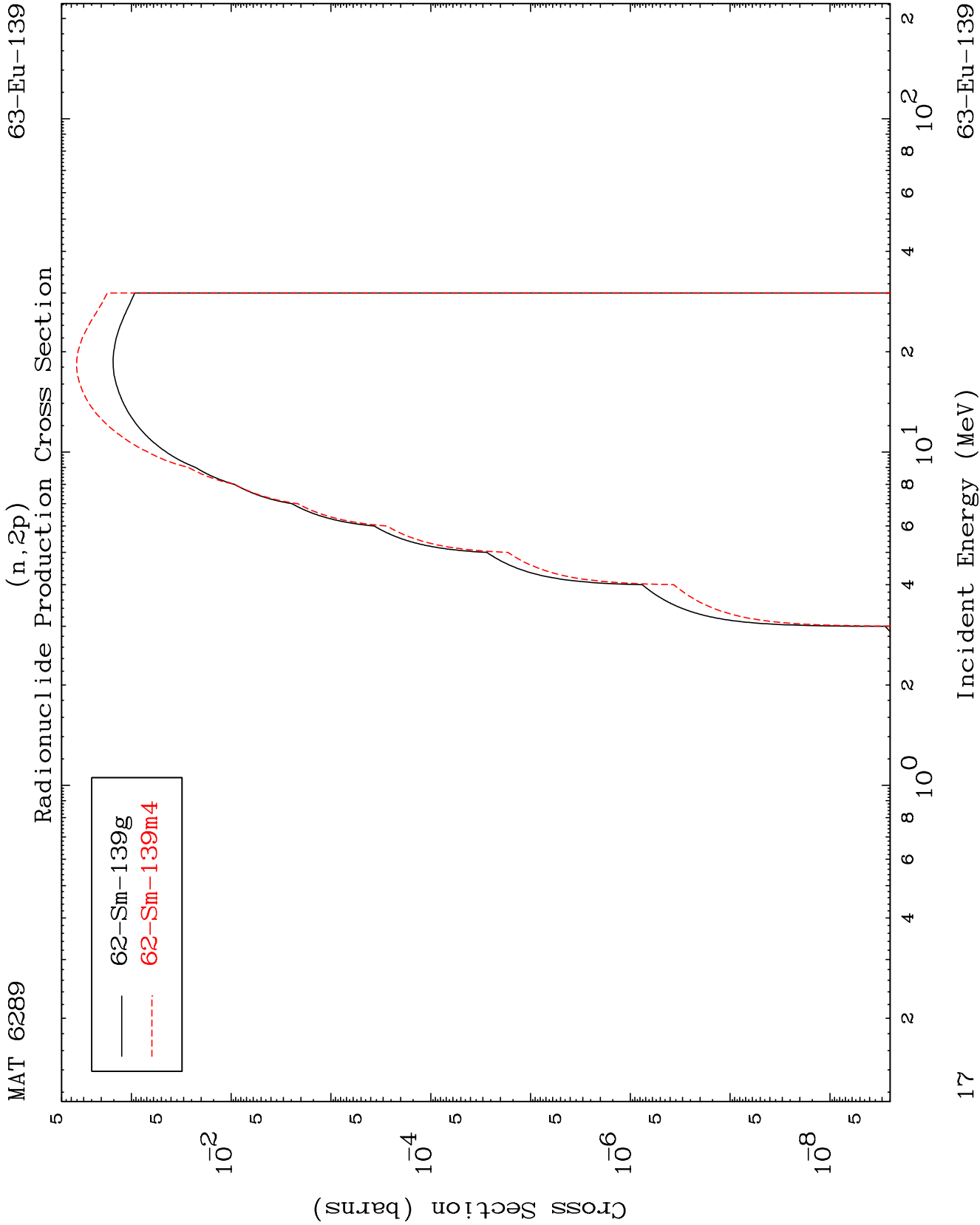
Radionuclide Production Cross Section



16

Incident Energy (MeV)

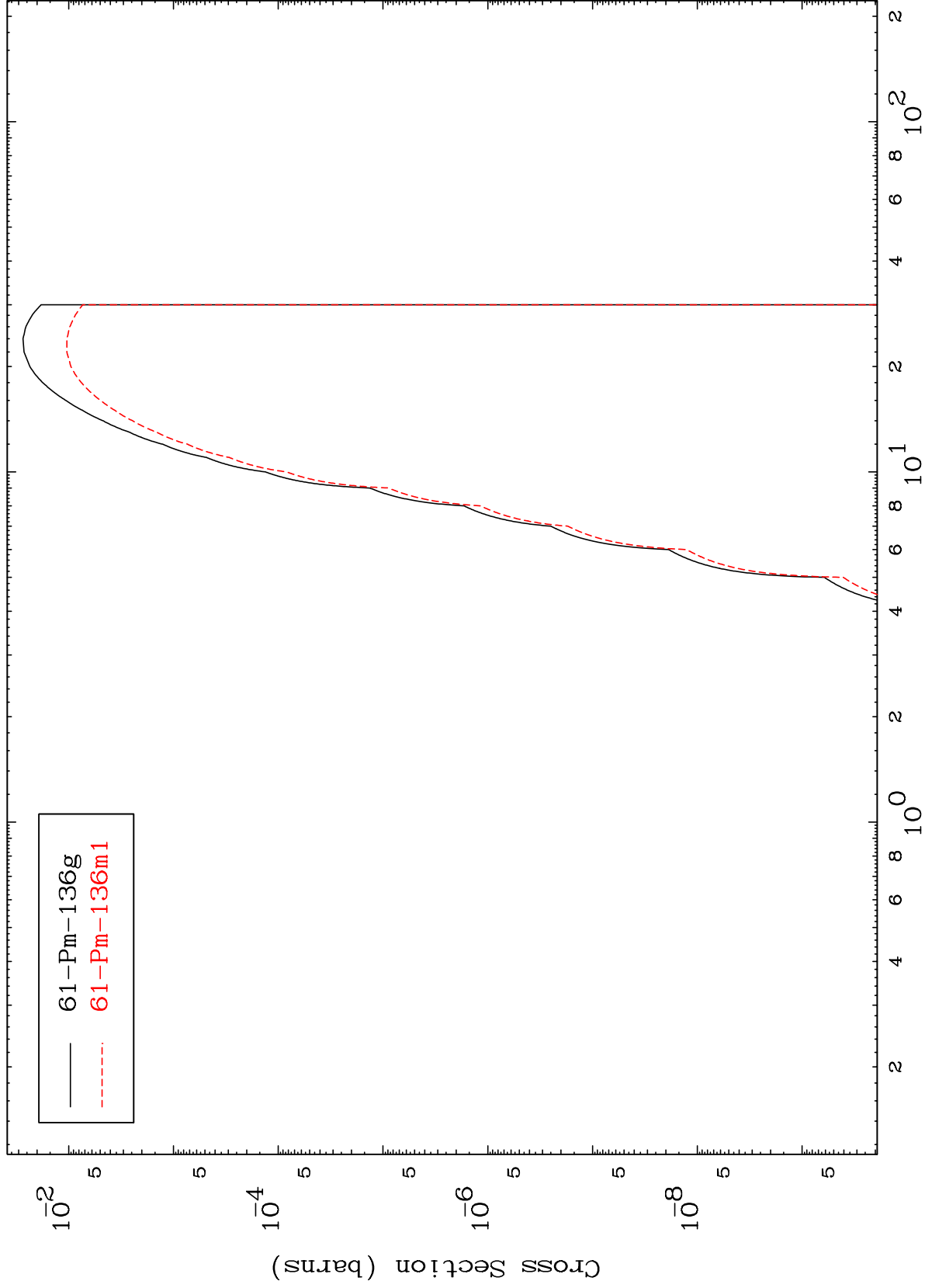
63-Eu-139



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63-Eu-139

(n,p) α
Radionuclide Production Cross Section



18

Incident Energy (MeV)

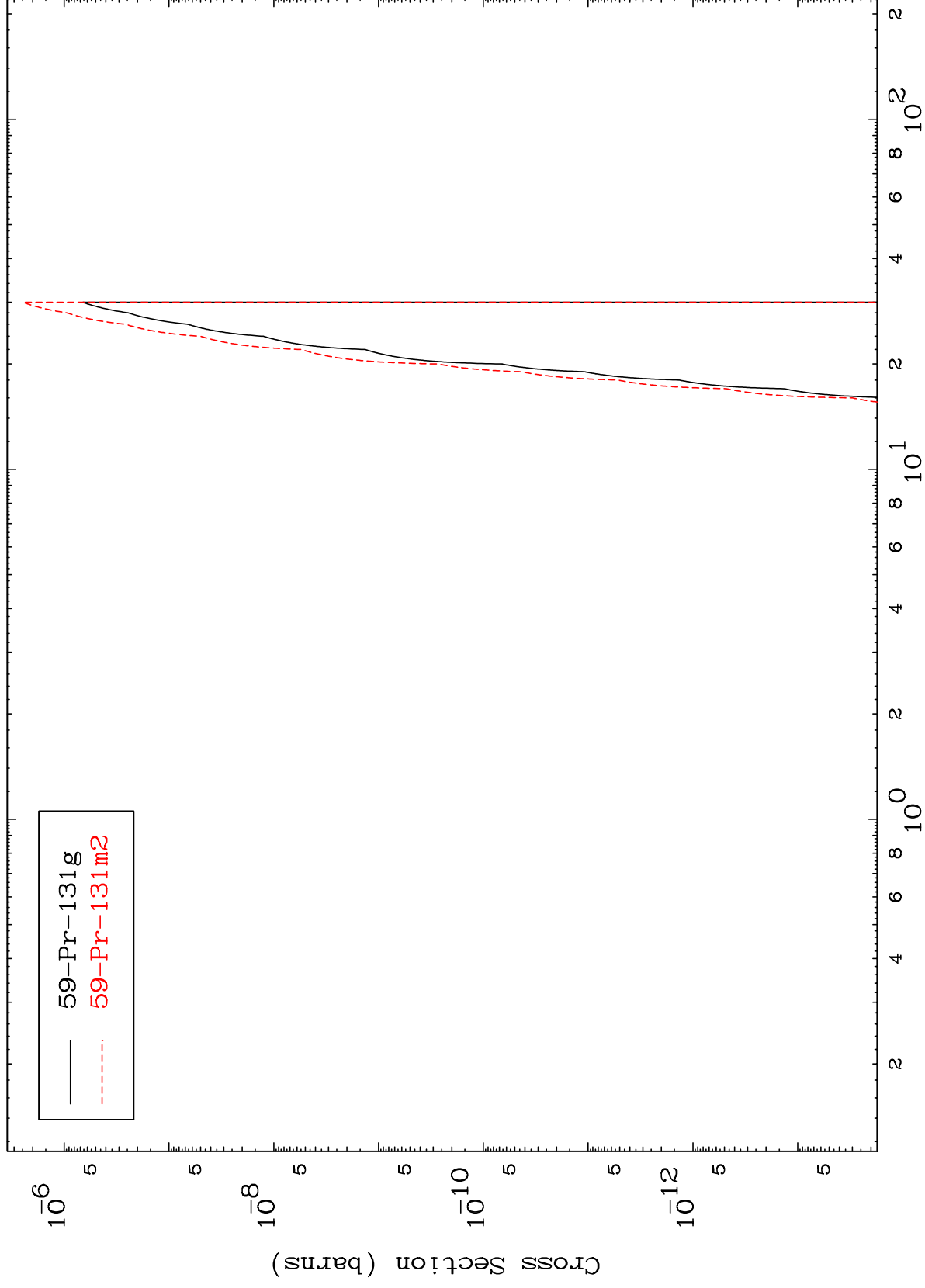
63-Eu-139

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(n,d) 2α

63-Eu-139

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

19

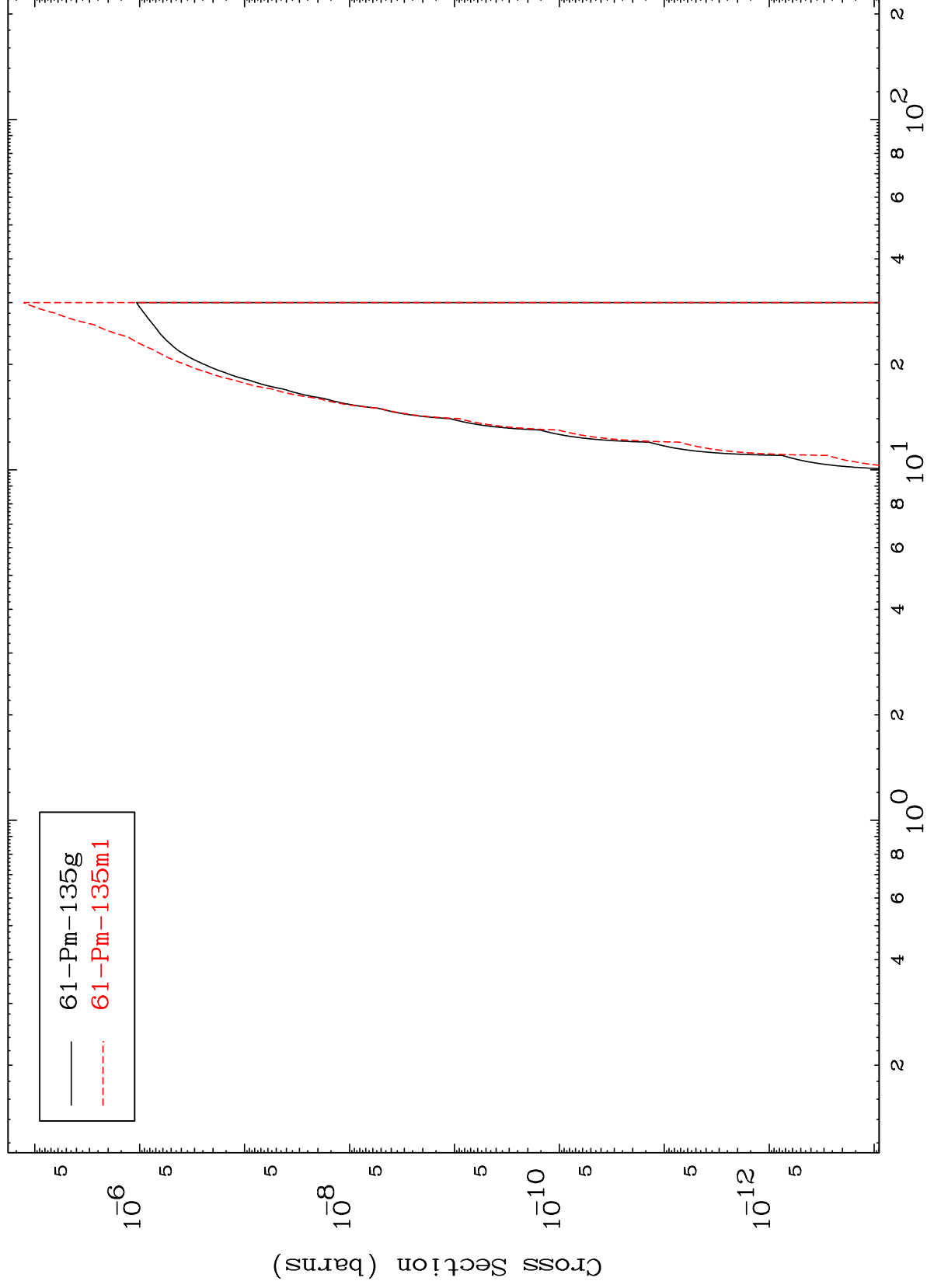
Incident Energy (MeV)

63-Eu-139

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63-Eu-139

Radionuclide Production Cross Section
(n,d) α



20

Incident Energy (MeV)

63-Eu-139