

Program EVALPLOT
(Version 2021-1)

by

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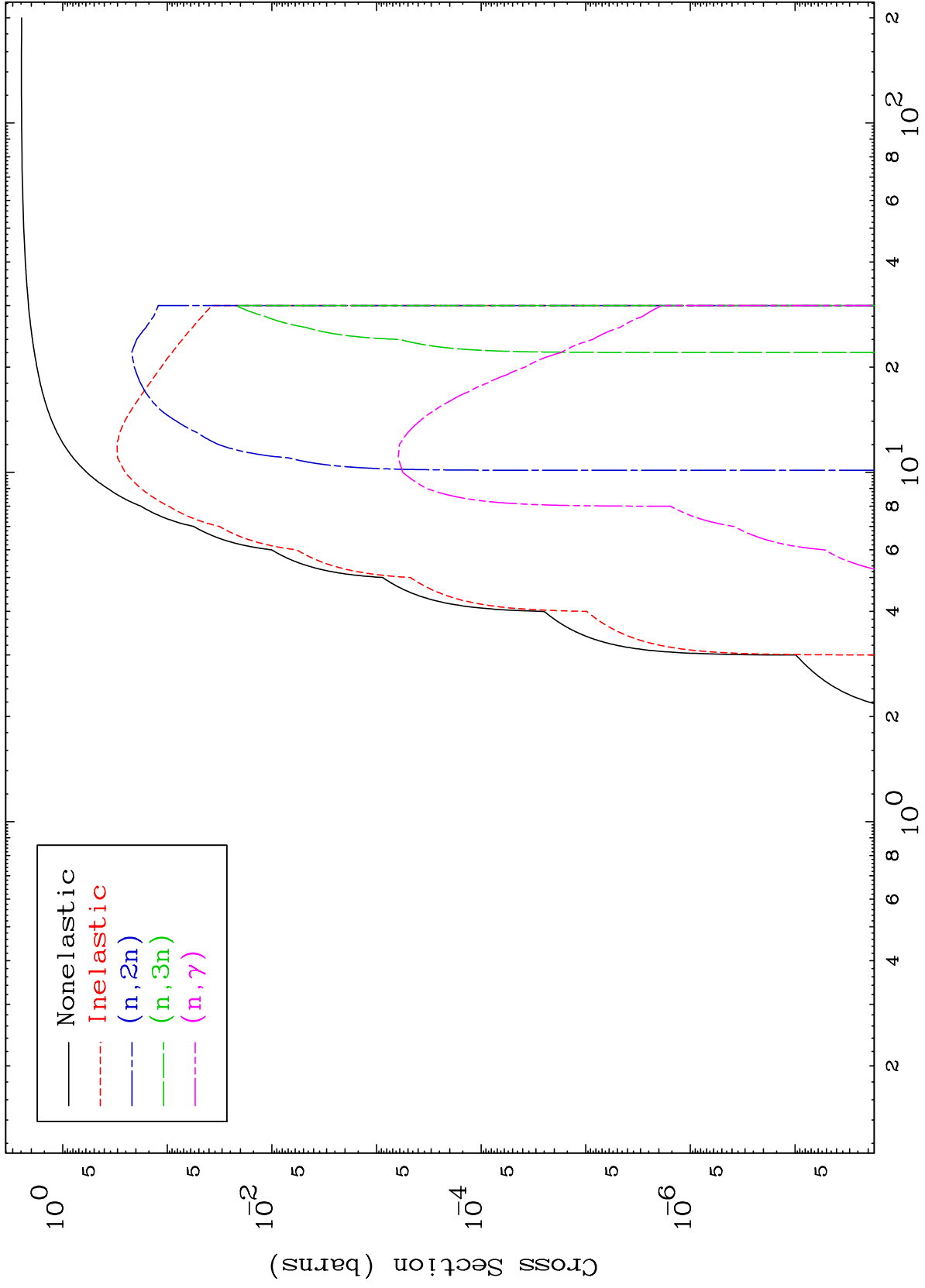
Press Mouse Button to Start

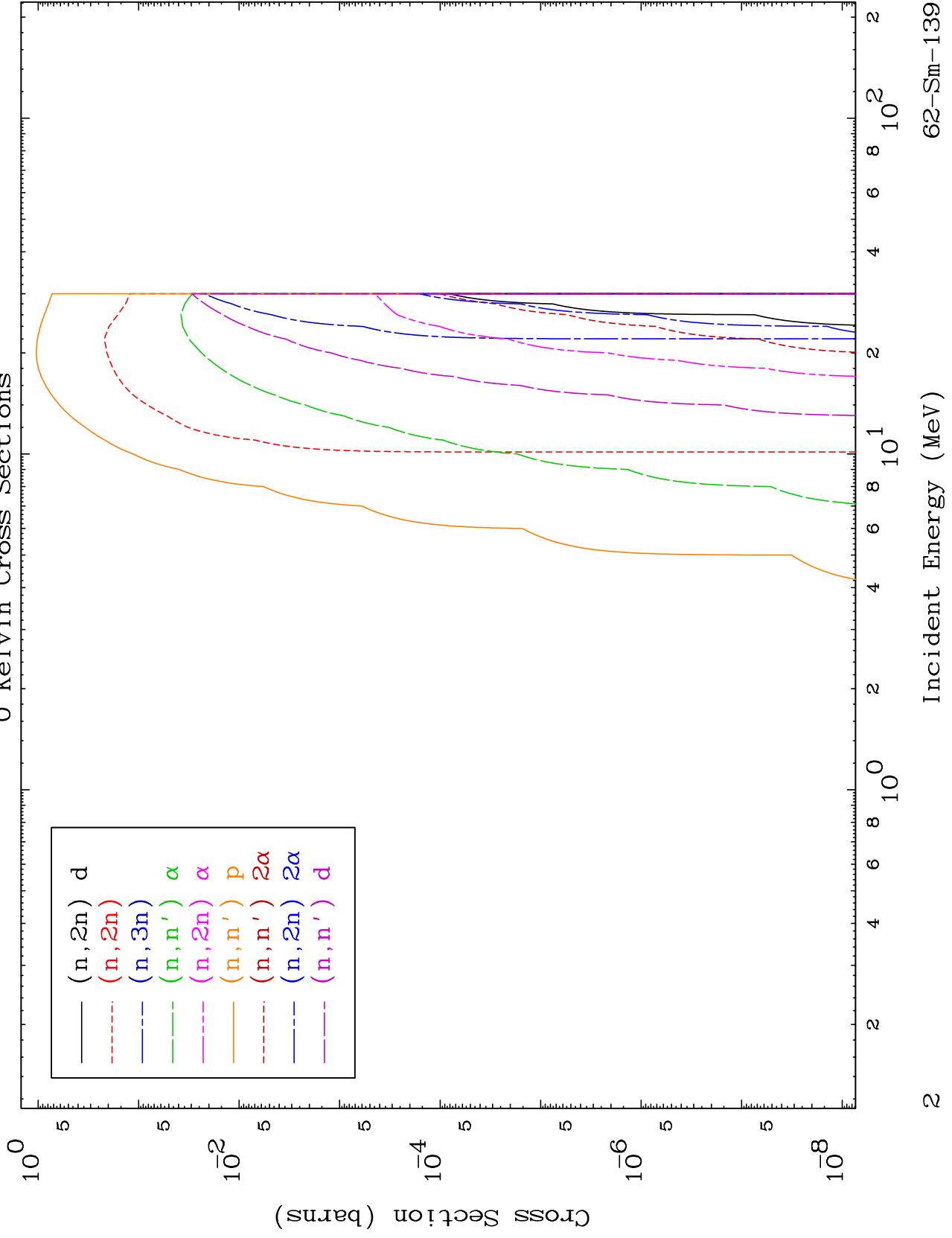
MAT 6210

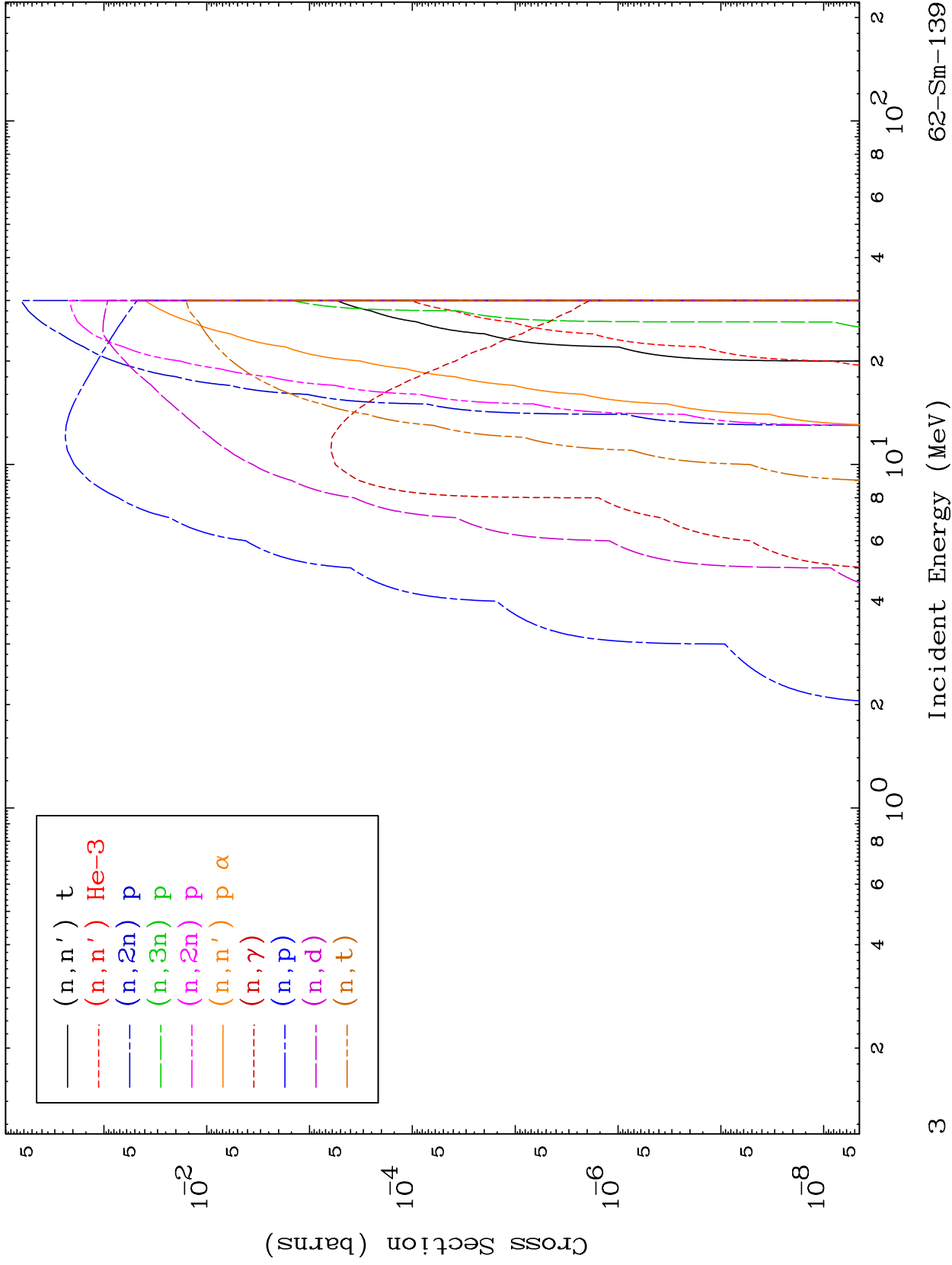
Deuteron Major

62-Sm-139

0 Kelvin Cross Sections



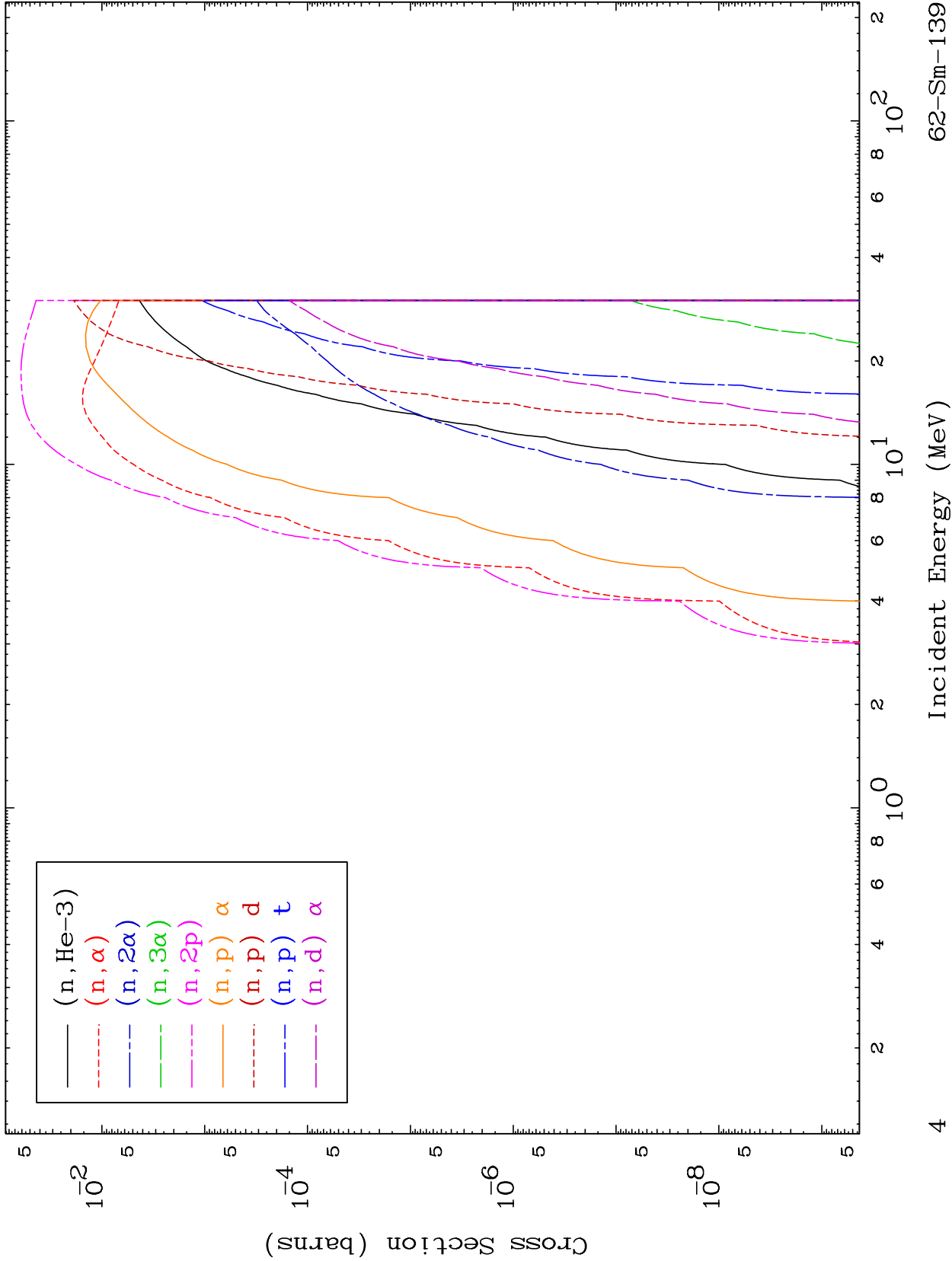


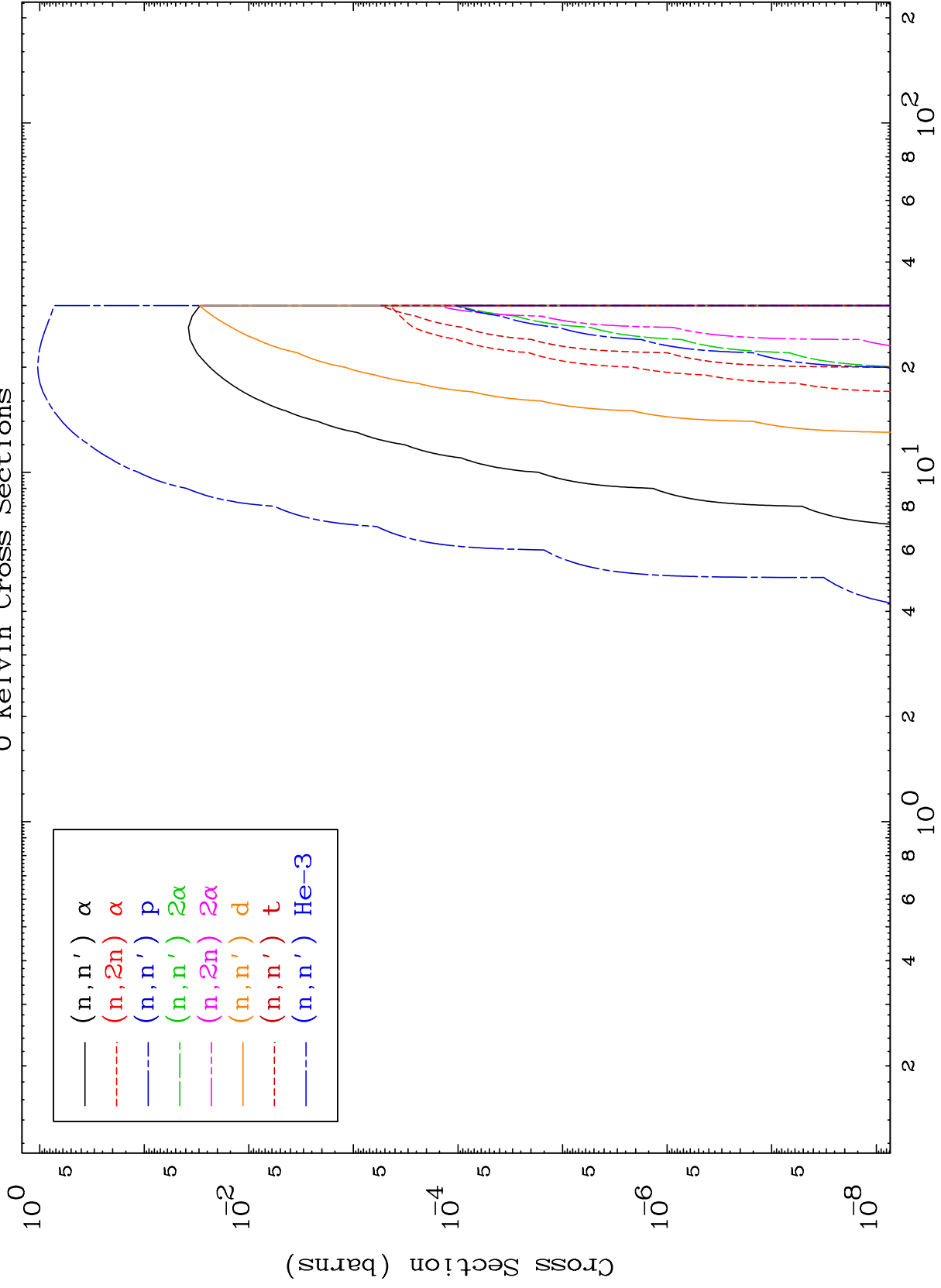


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Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139

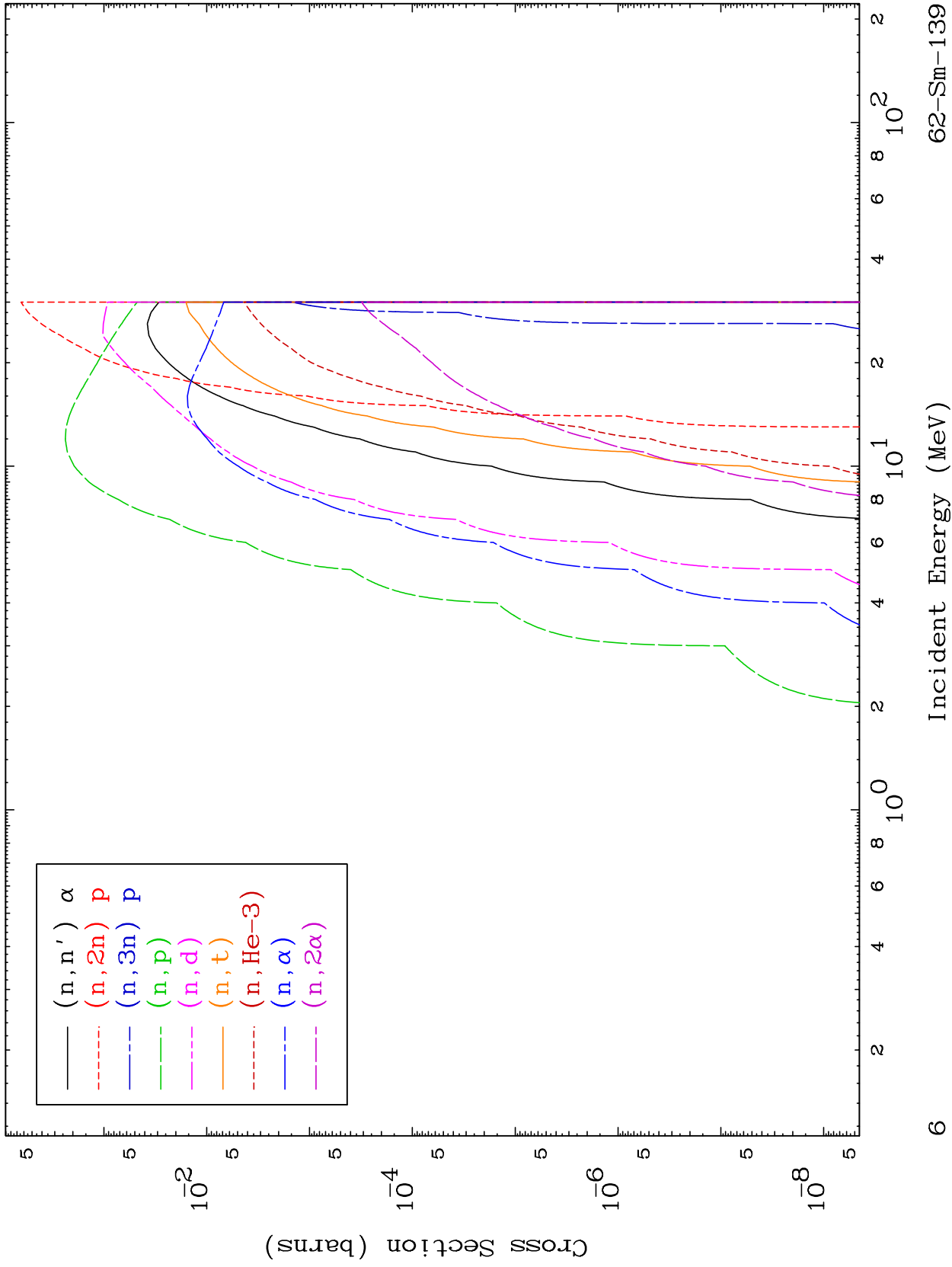


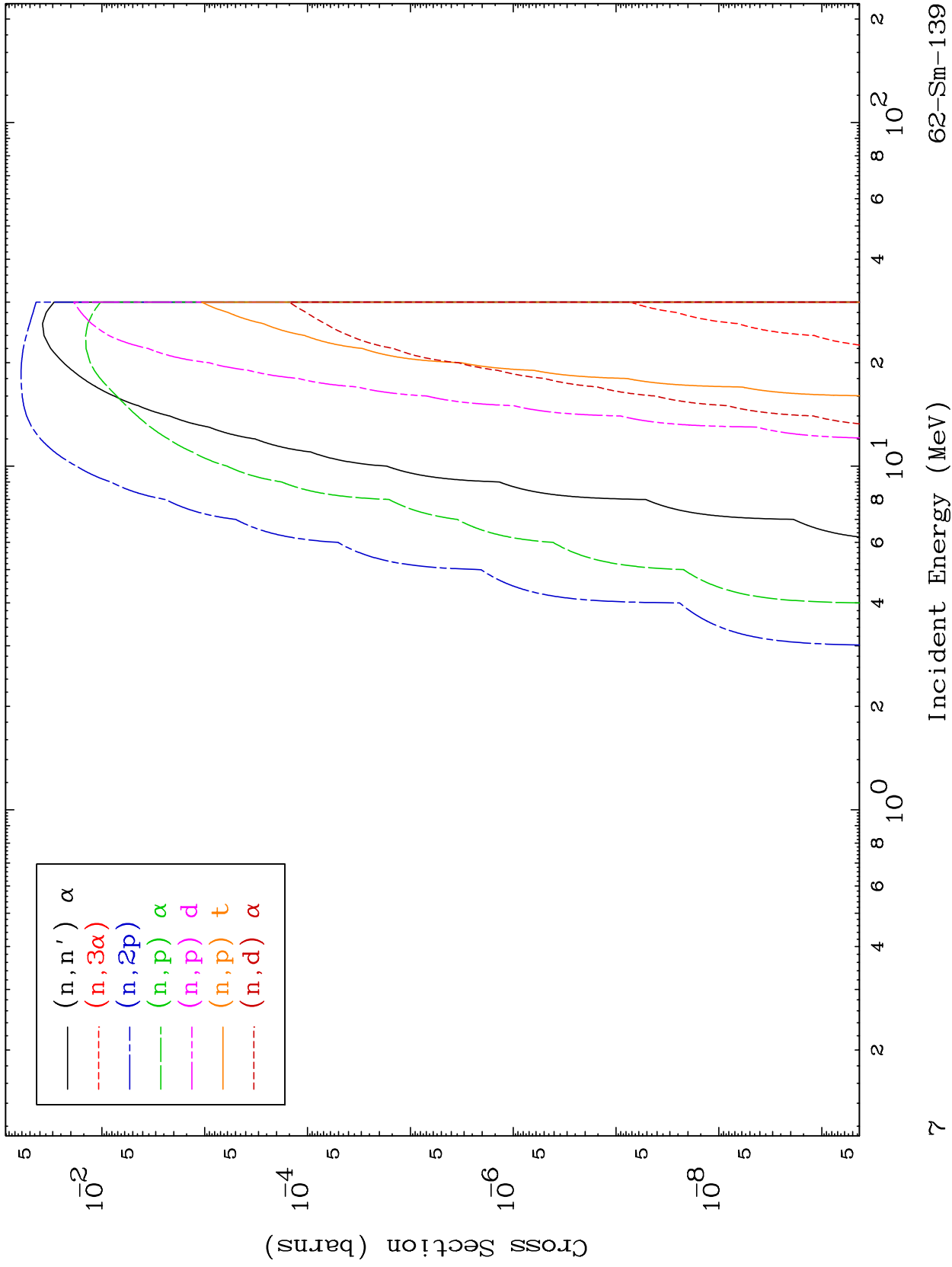


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Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-139



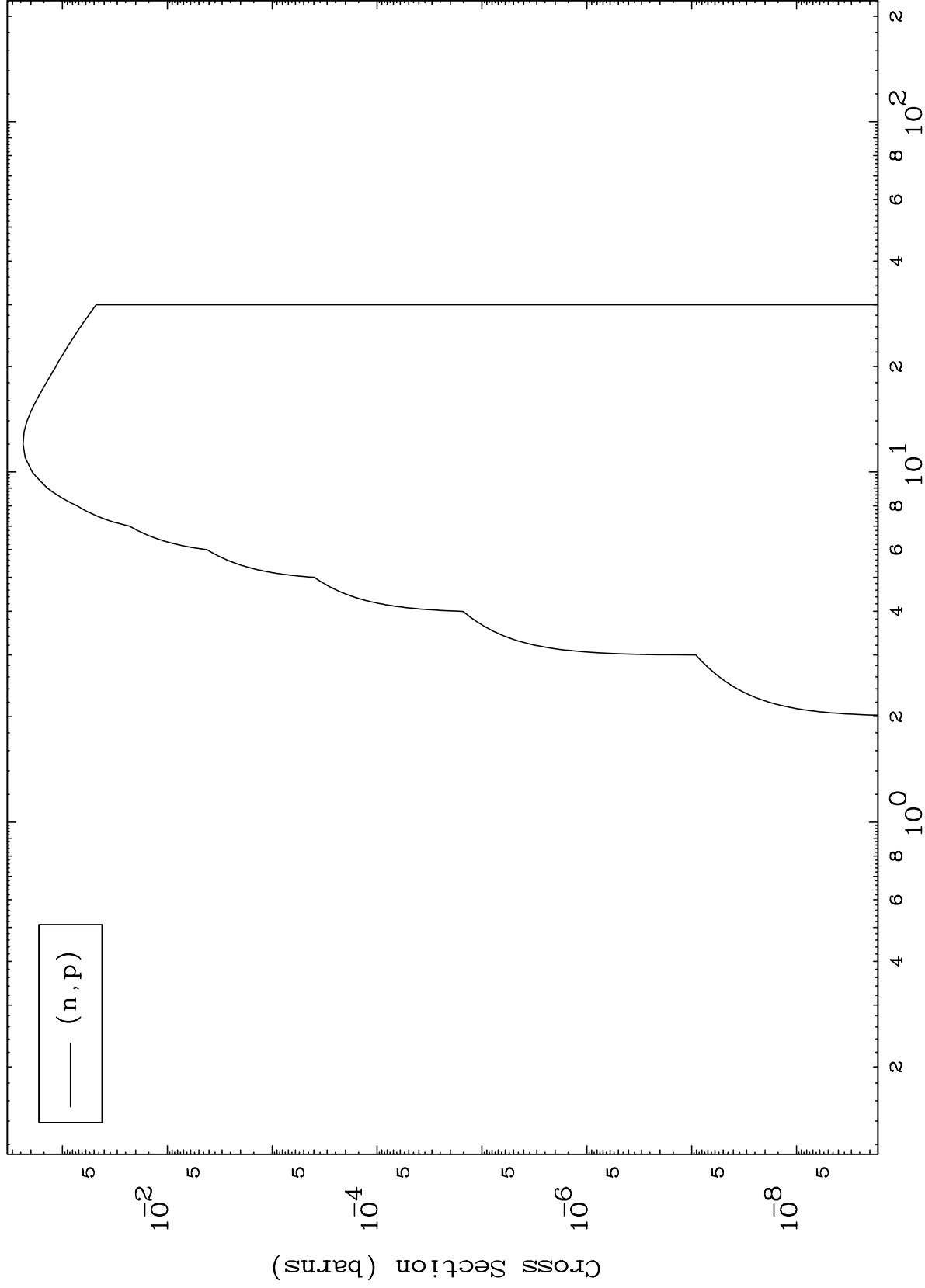


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(d,p) Levels

62-Sm-139

0 Kelvin Cross Sections

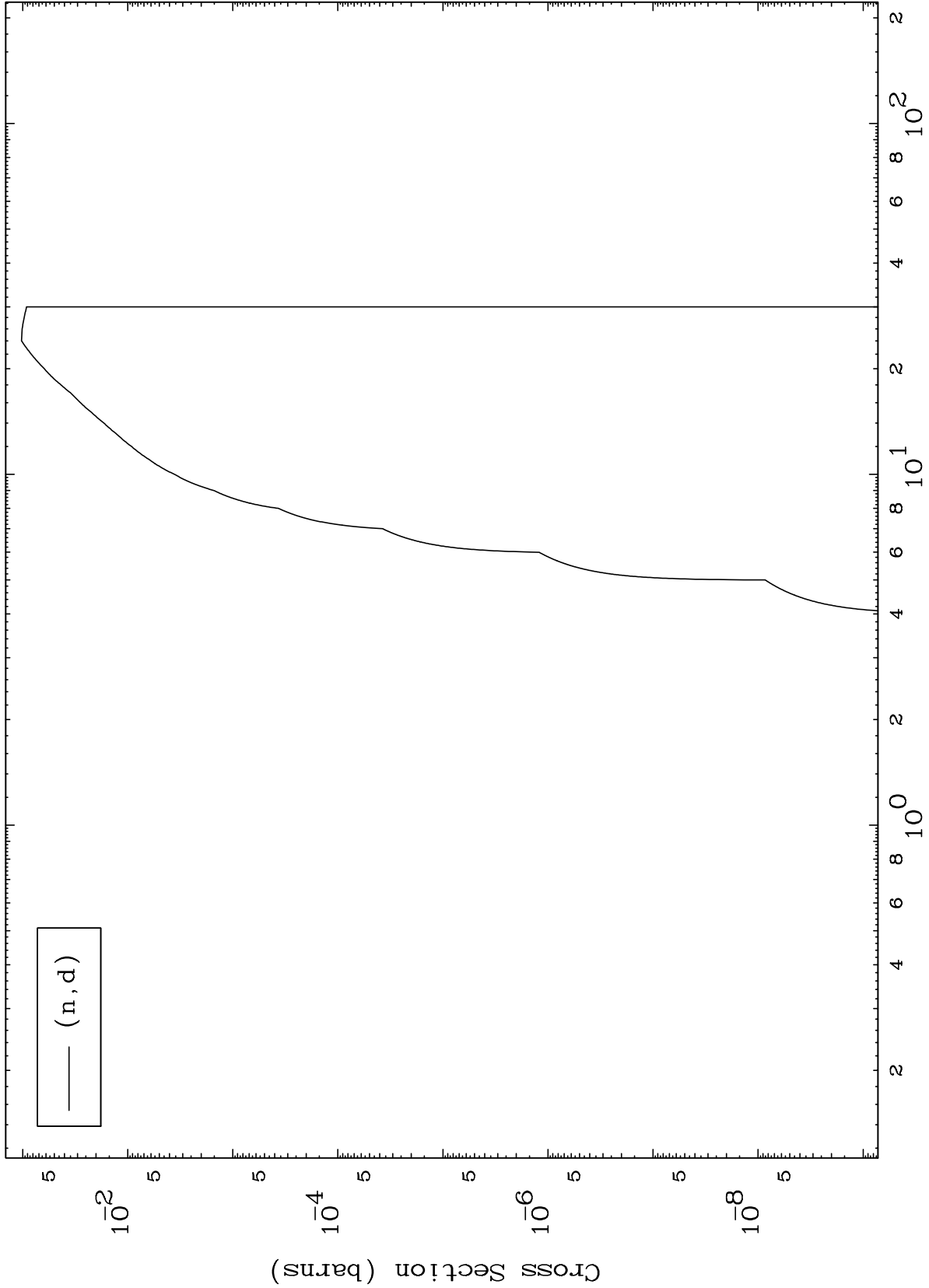


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(d,d) Levels

62-Sm-139

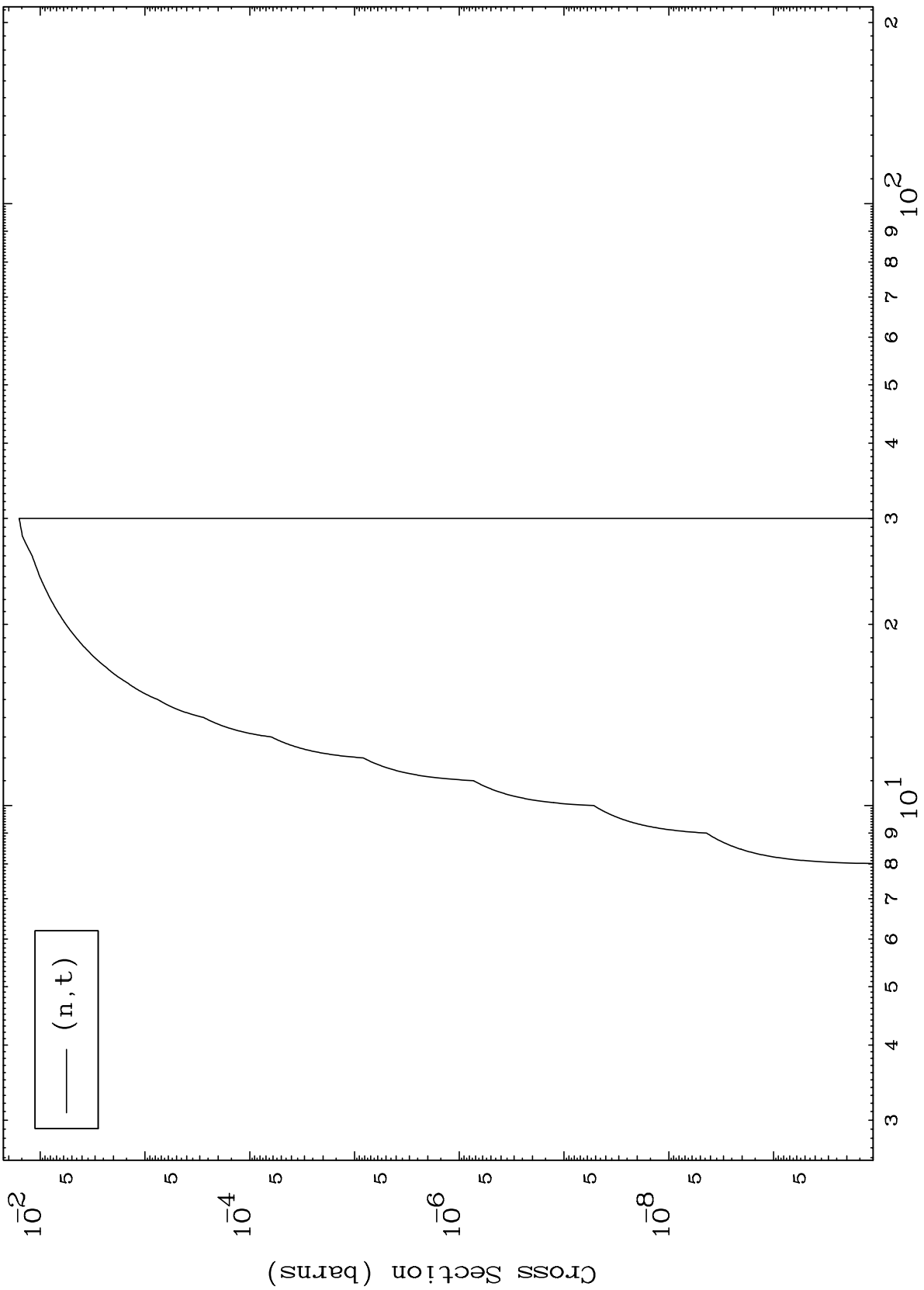
0 Kelvin Cross Sections



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62-Sm-139

(d,t) Levels
0 Kelvin Cross Sections



62-Sm-139

Incident Energy (MeV)

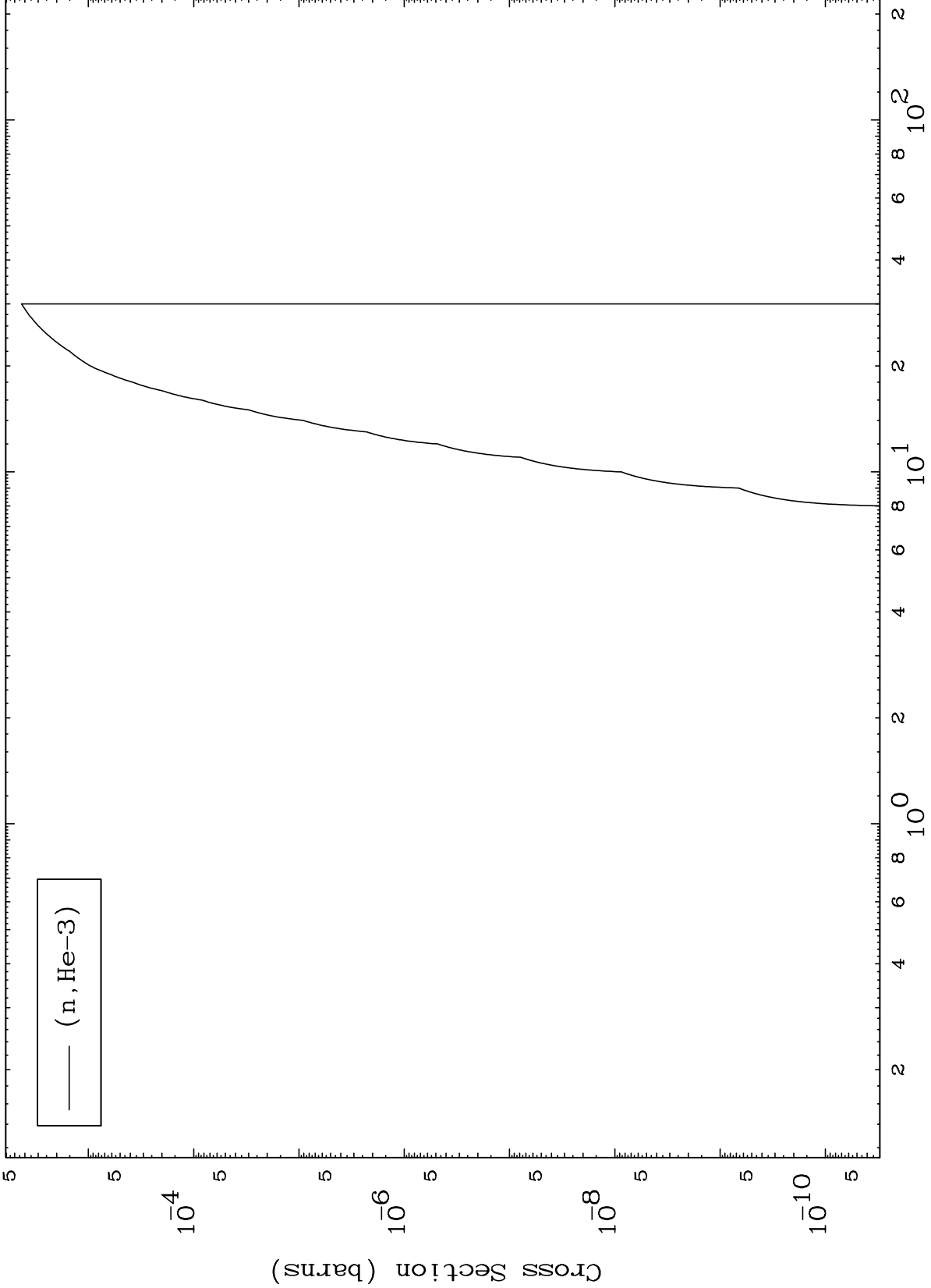
10

MAT 6210

(d,He3) Levels

62-Sm-139

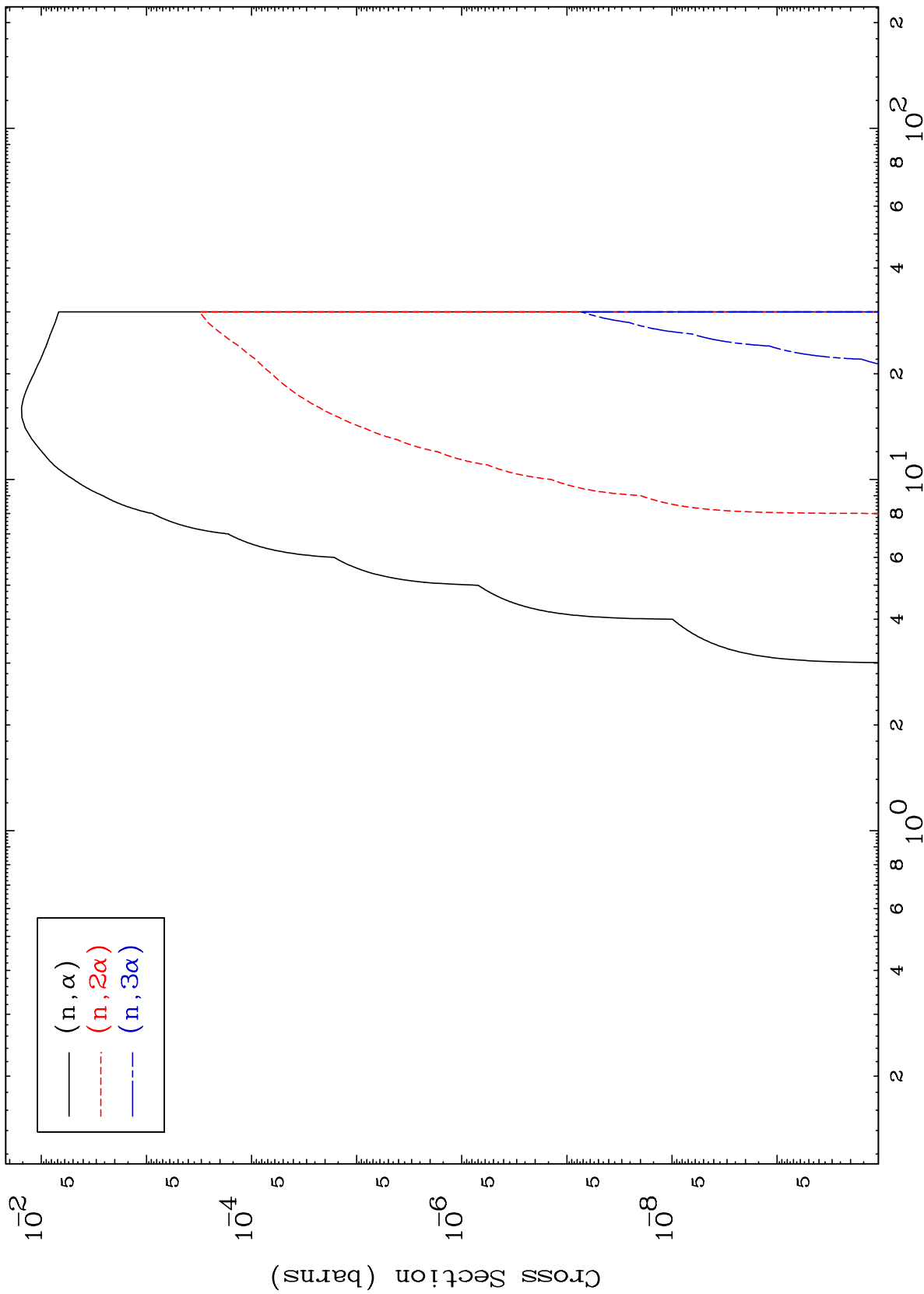
0 Kelvin Cross Sections



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62-Sm-139

(d, α) Levels
0 Kelvin Cross Sections



62-Sm-139

Incident Energy (MeV)

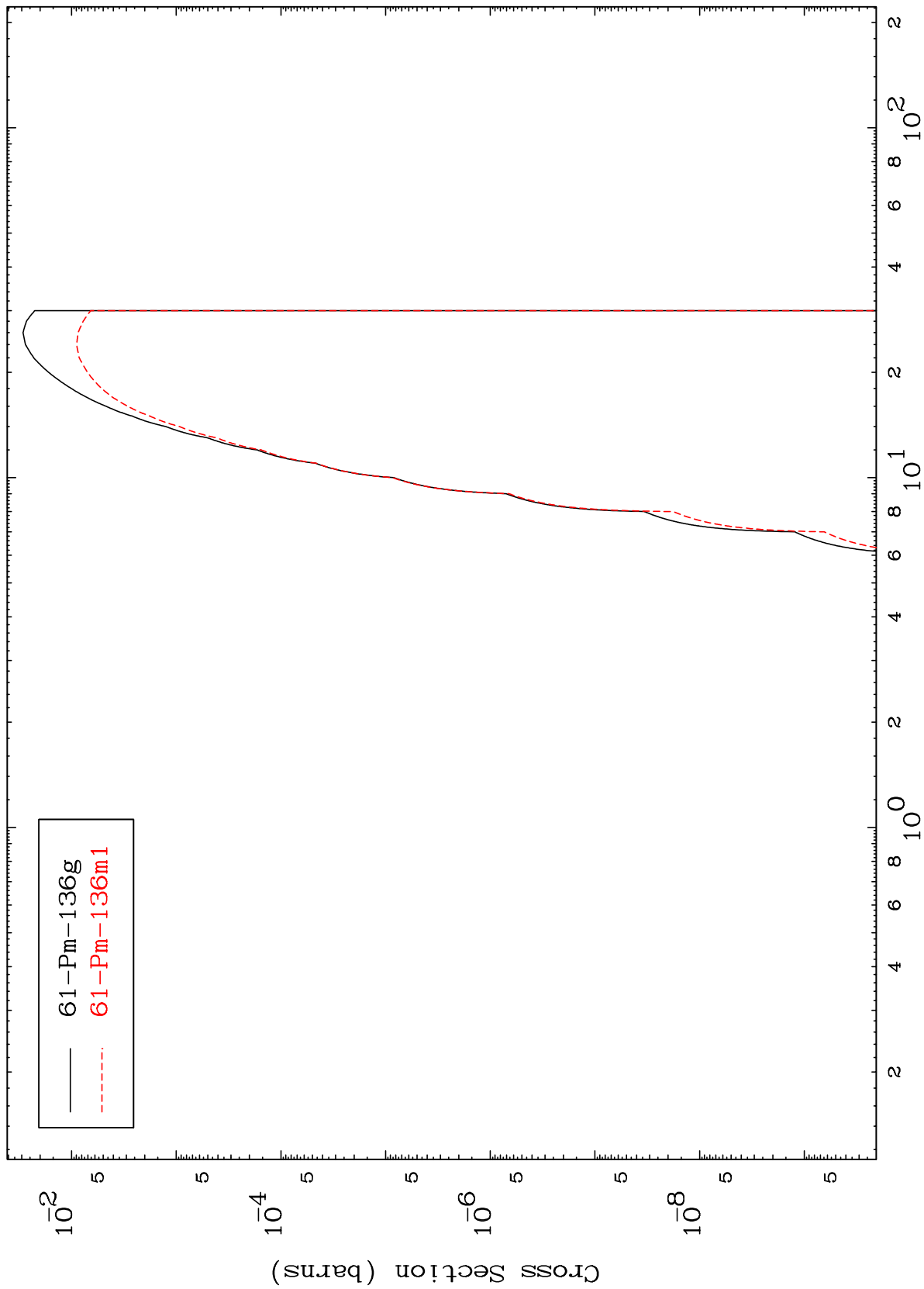
12

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$(n, n') \alpha$

62-Sm-139

Radionuclide Production Cross Section



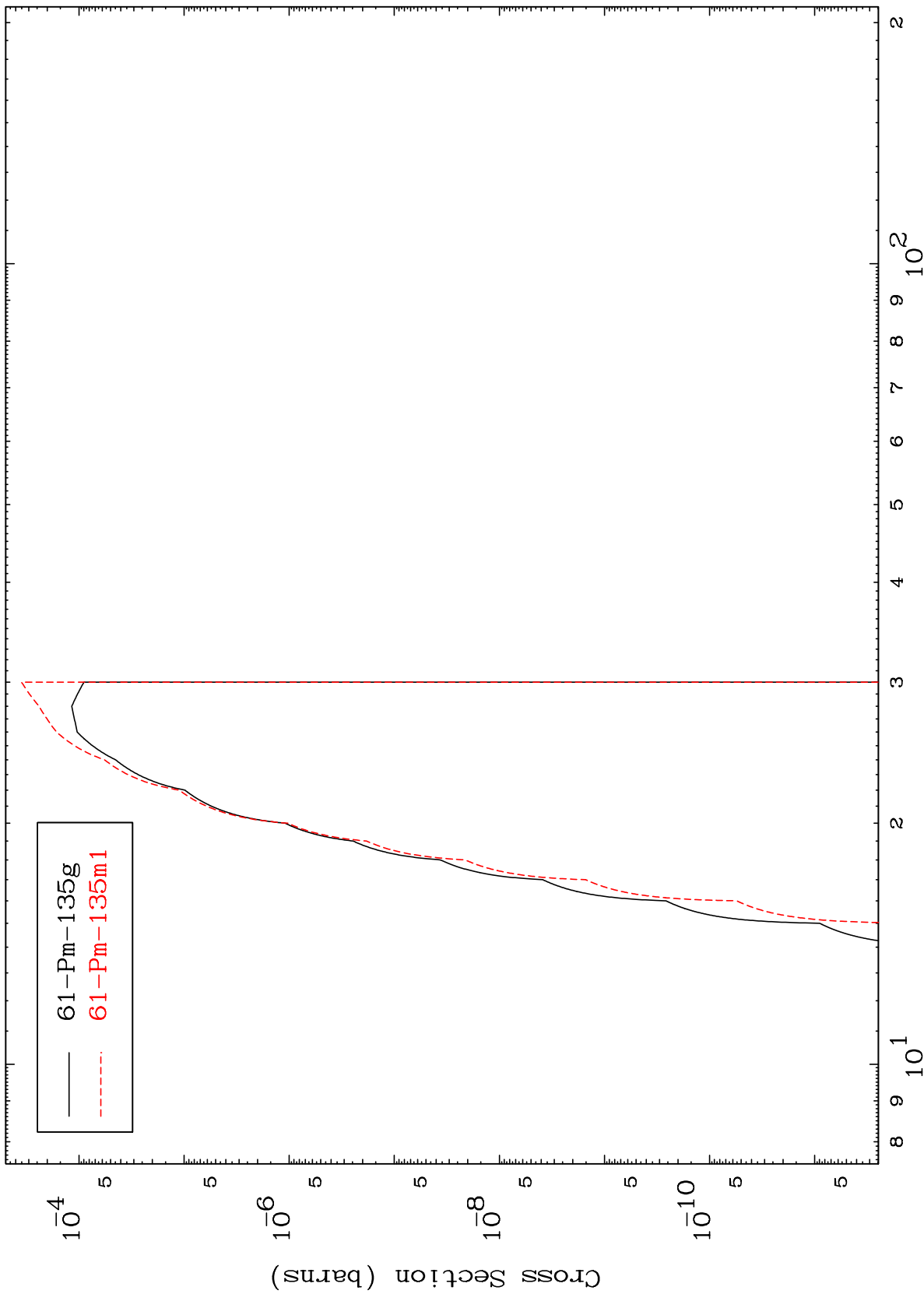
61-Pm-136g
61-Pm-136m1

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(n,2n) α

62-Sm-139

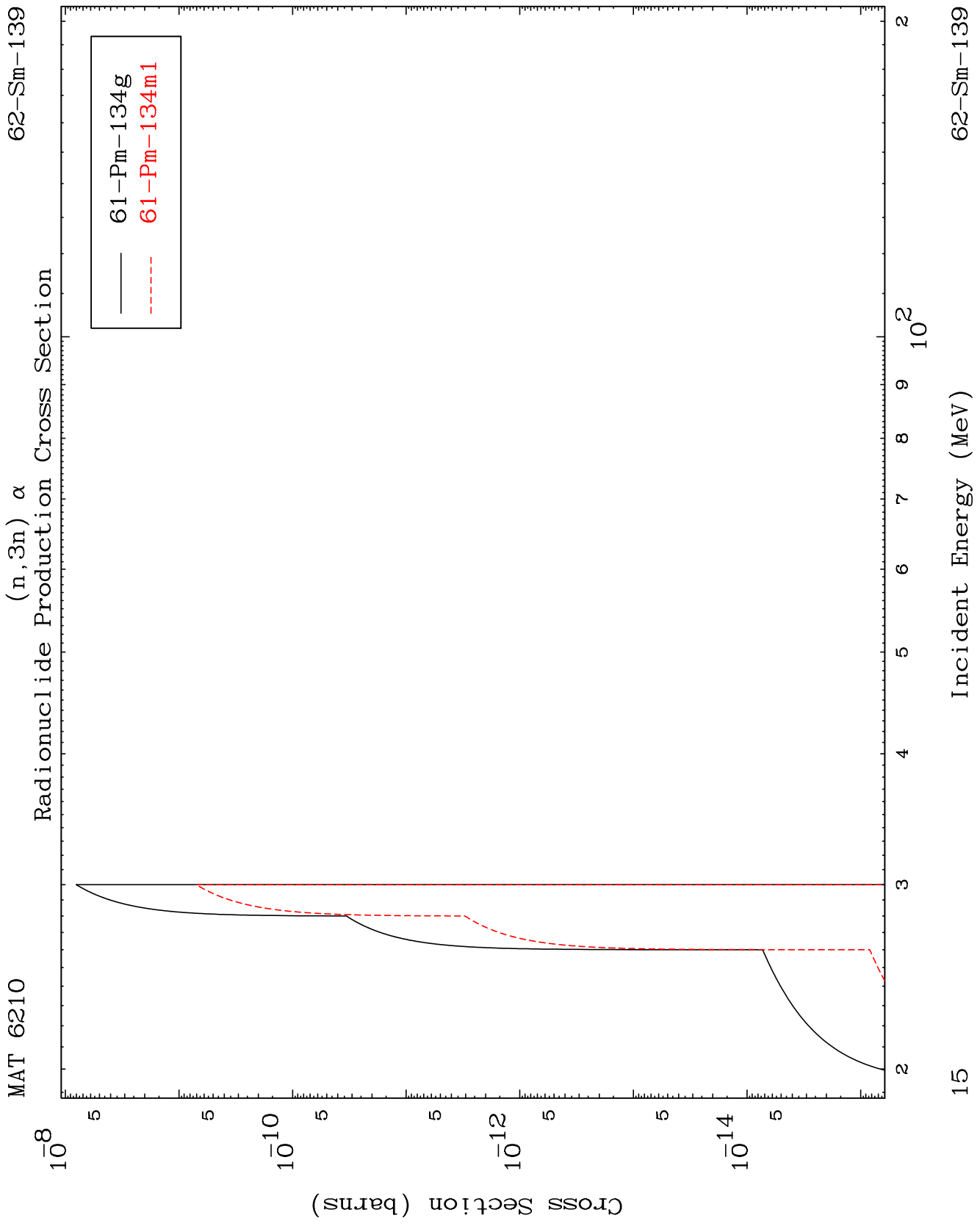
Radionuclide Production Cross Section

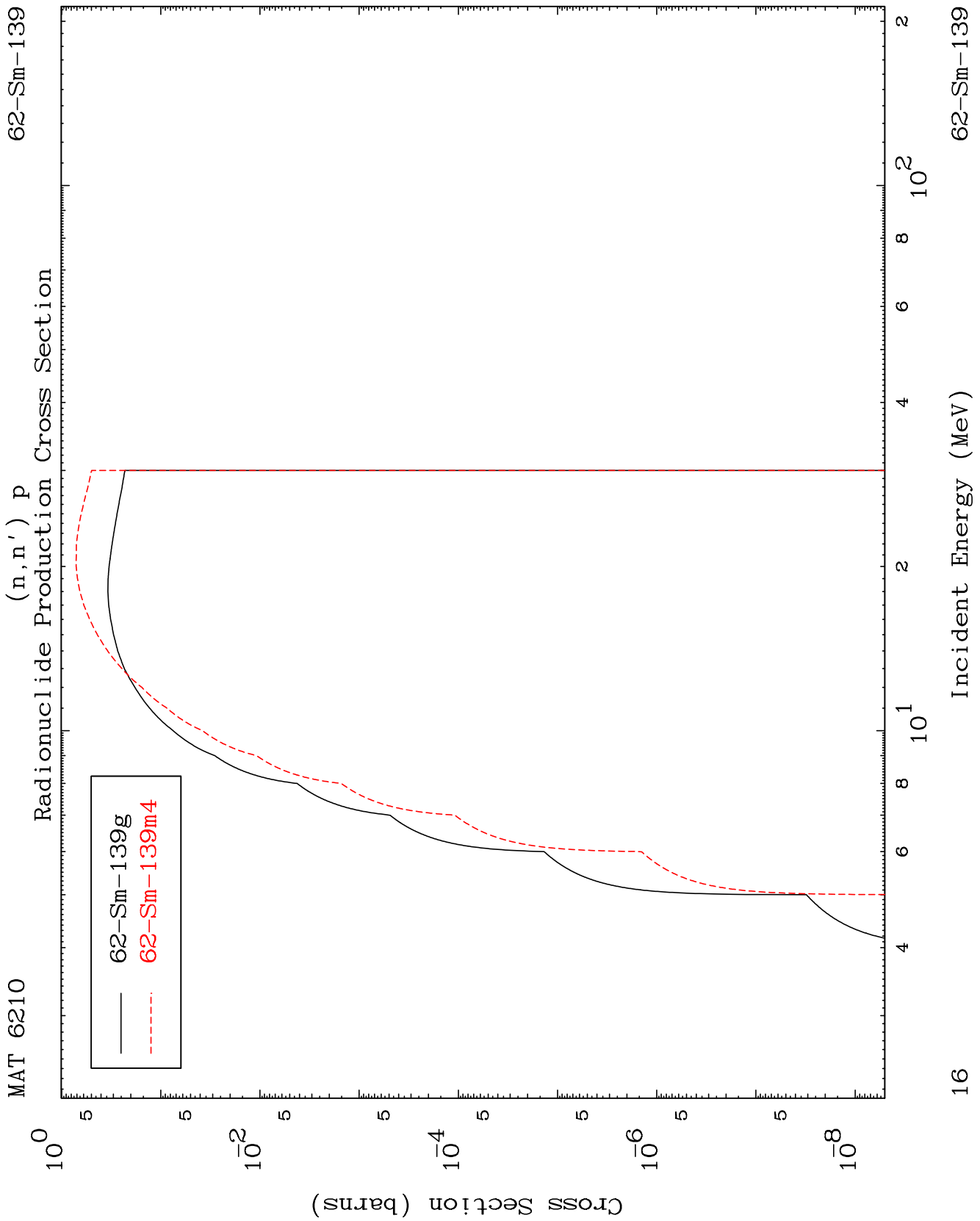


14

Incident Energy (MeV)

62-Sm-139



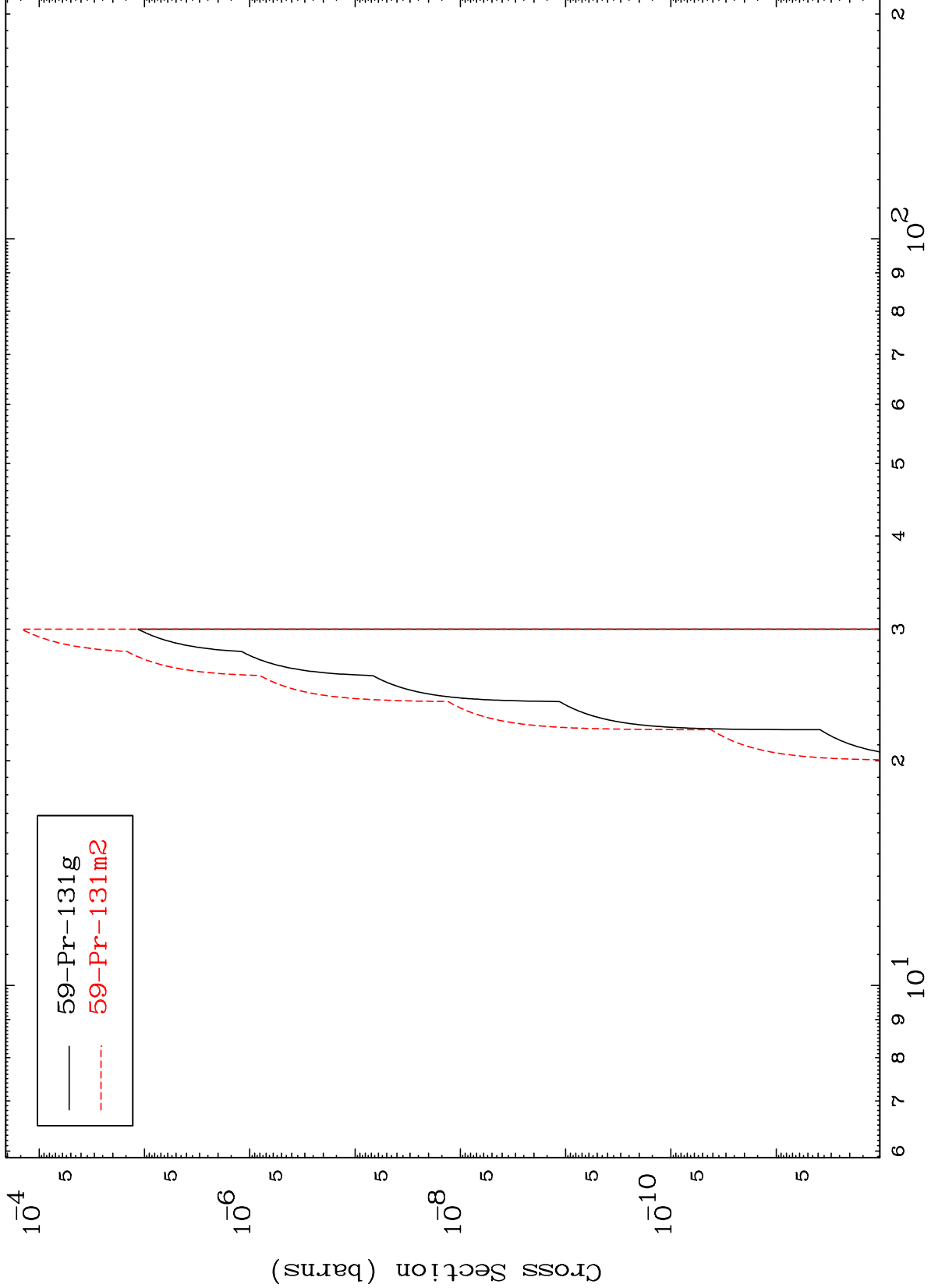


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$(n,2n) 2\alpha$

62-Sm-139

Radionuclide Production Cross Section



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

17

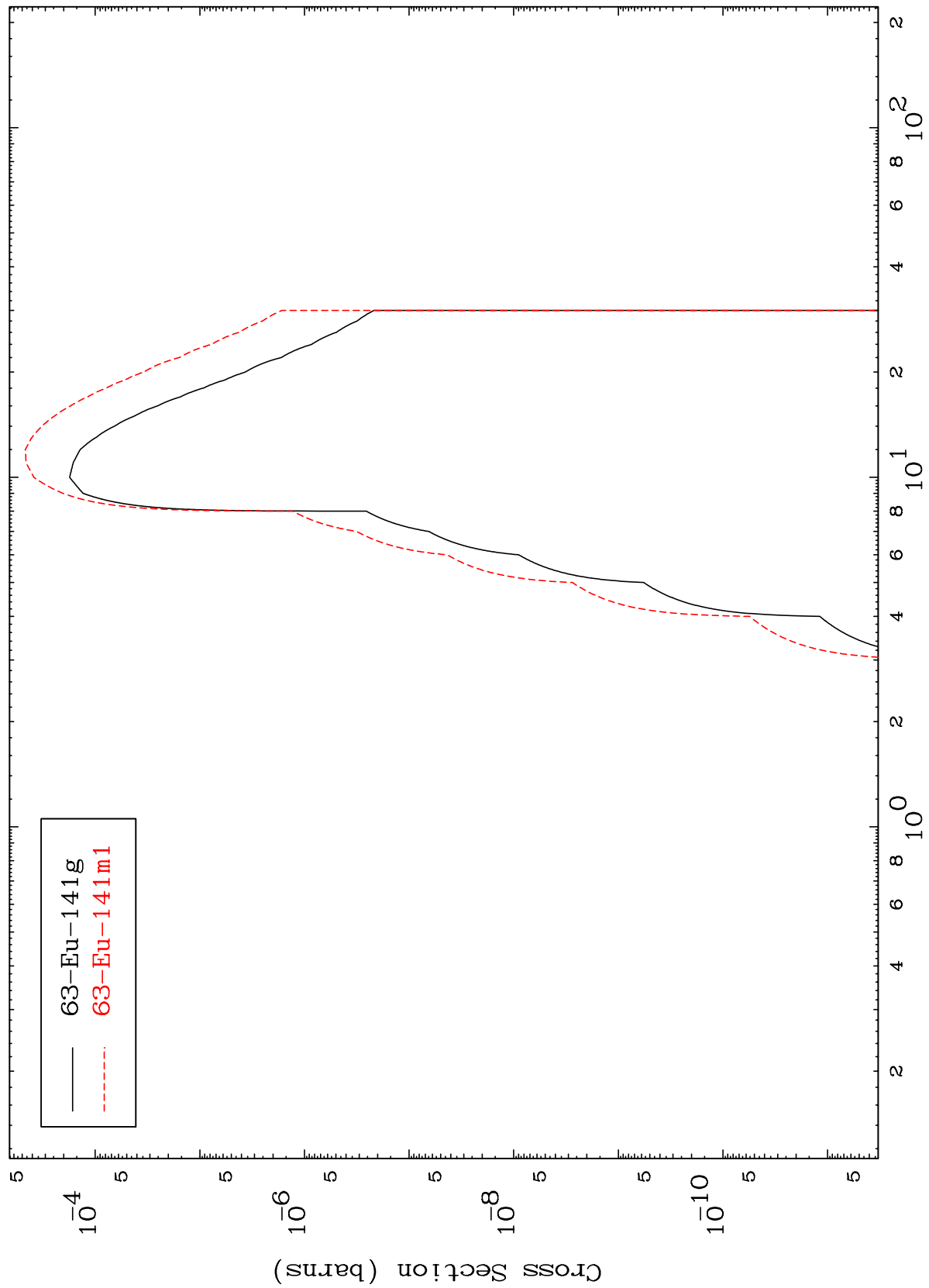
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(n, γ)
Radionuclide Production Cross Section



— 63-Eu-141g
- - - 63-Eu-141m1

62-Sm-139

Incident Energy (MeV)

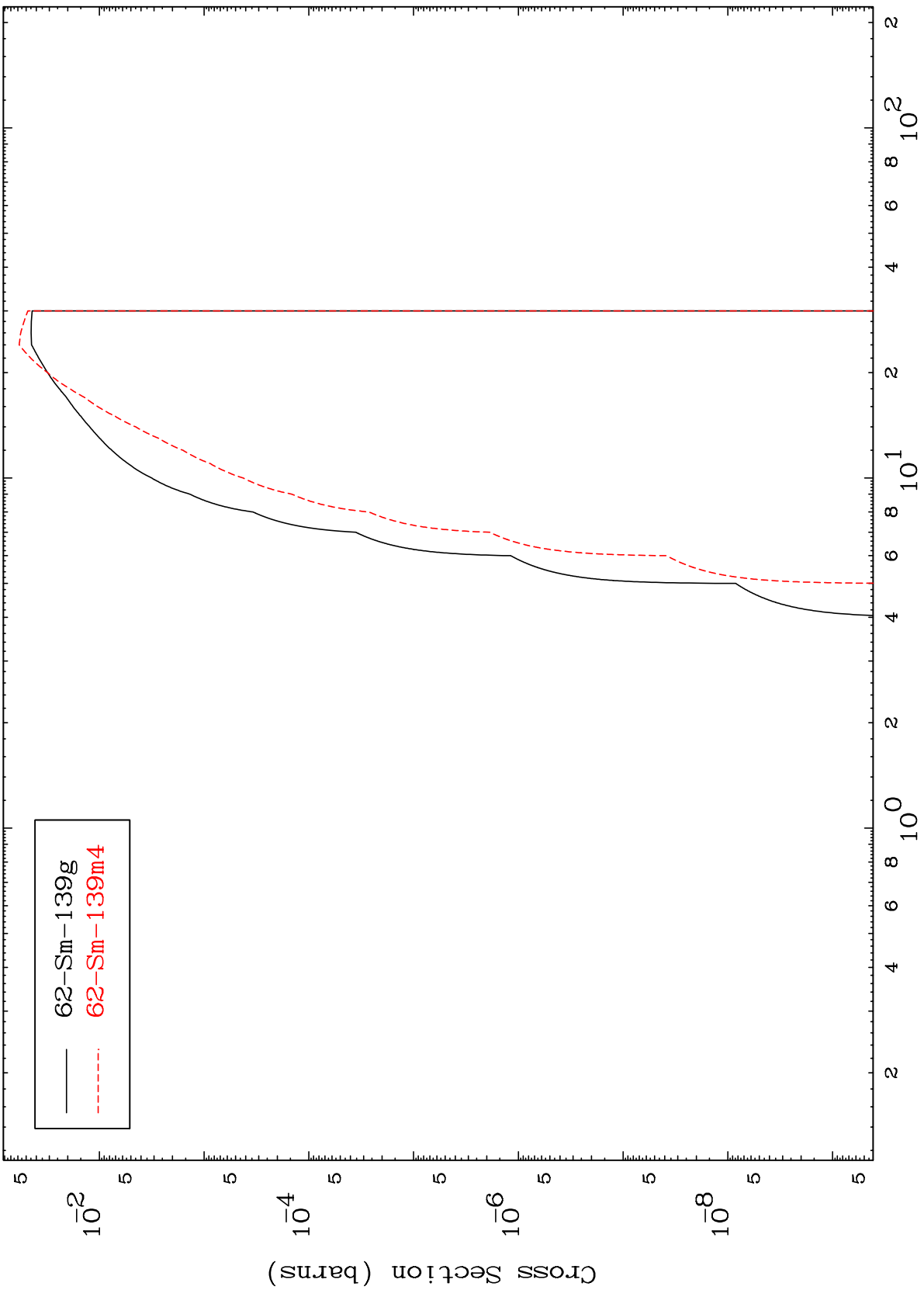
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(n,d)

62-Sm-139

Radionuclide Production Cross Section



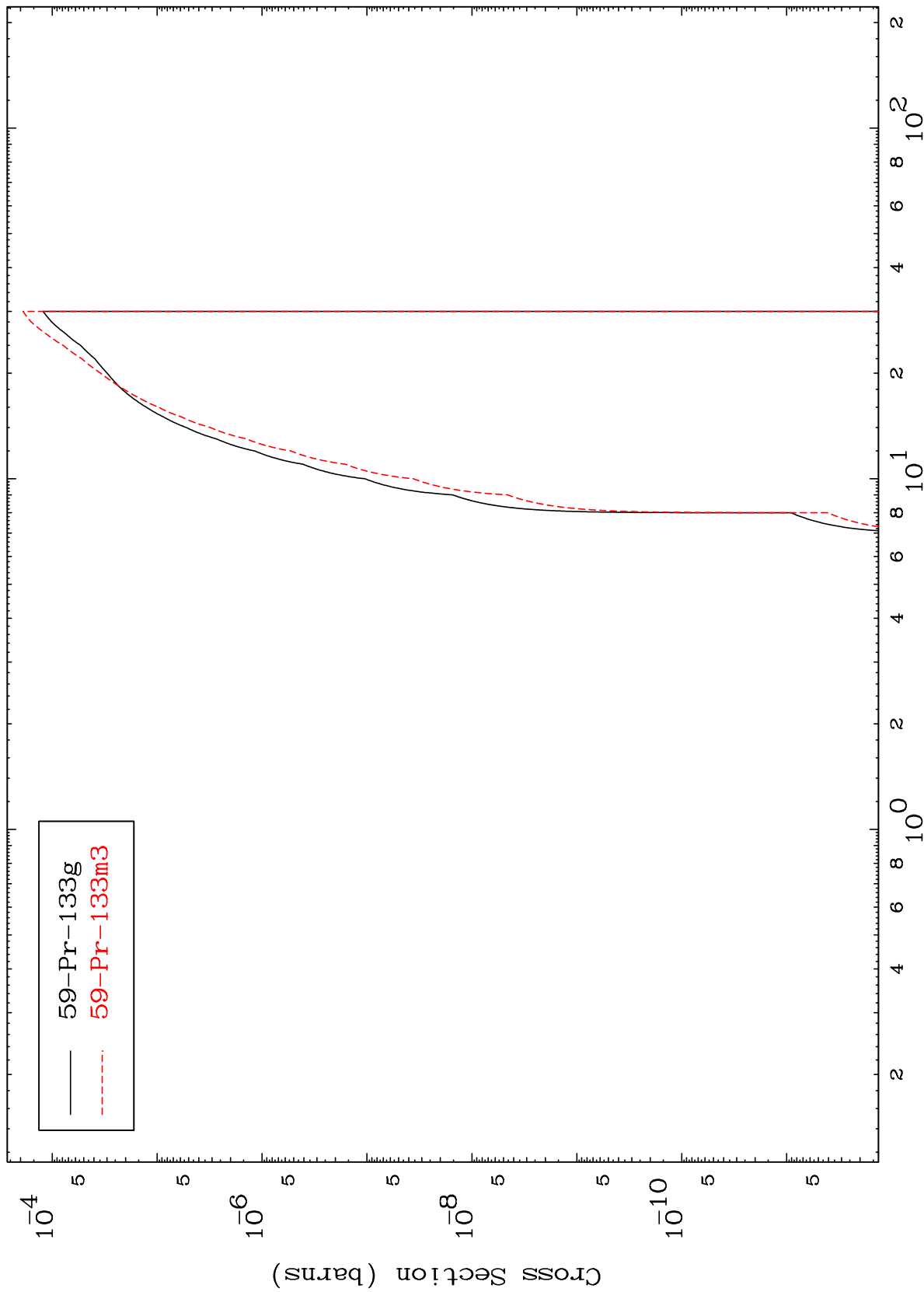
62-Sm-139g
62-Sm-139m4

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62-Sm-139

(n,2α)

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3

20

Incident Energy (MeV)

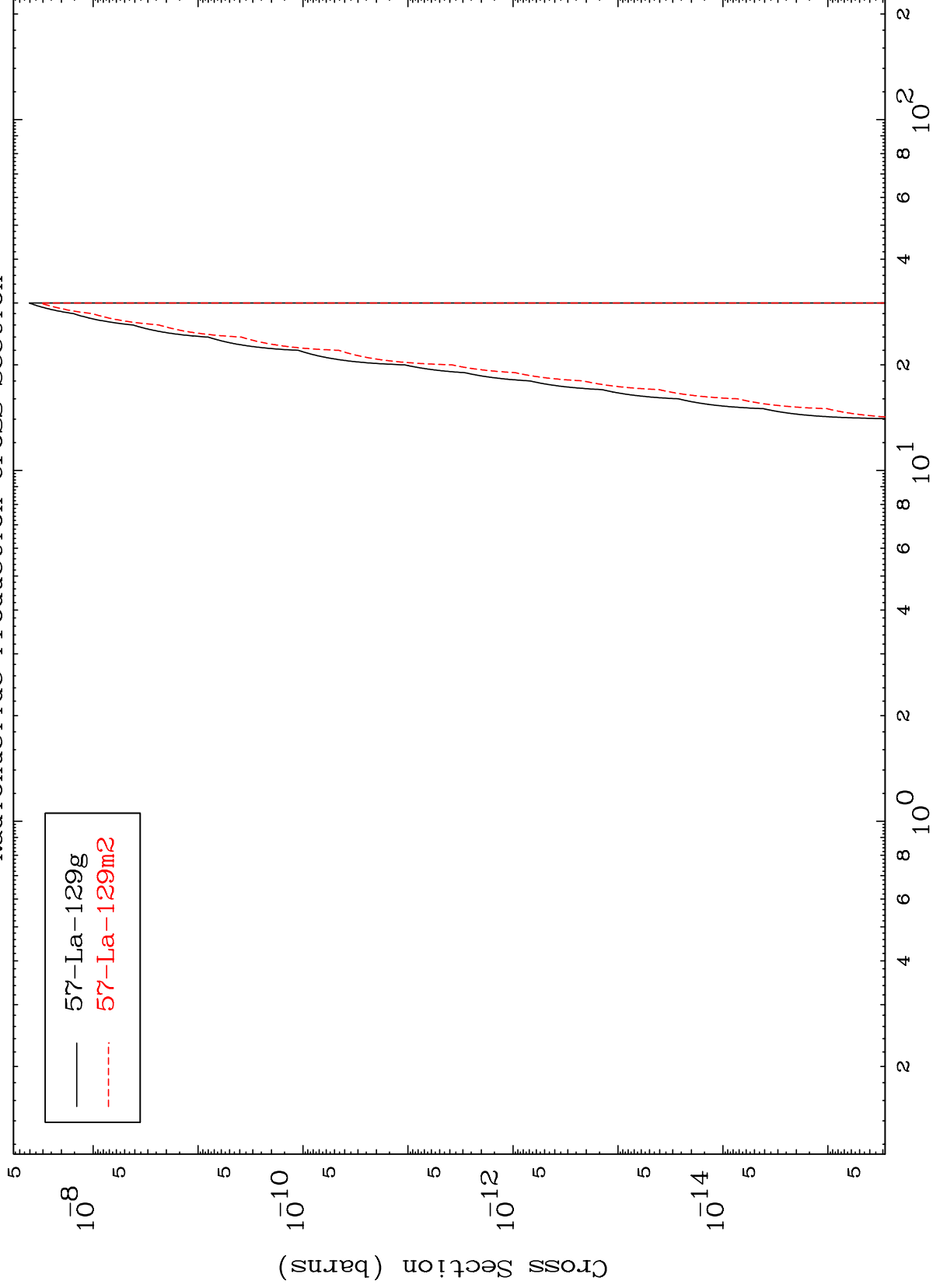
62-Sm-139

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(n, 3 α)

62-Sm-139

Radionuclide Production Cross Section



MAT 6210

(n,2p)

62-Sm-139

