

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

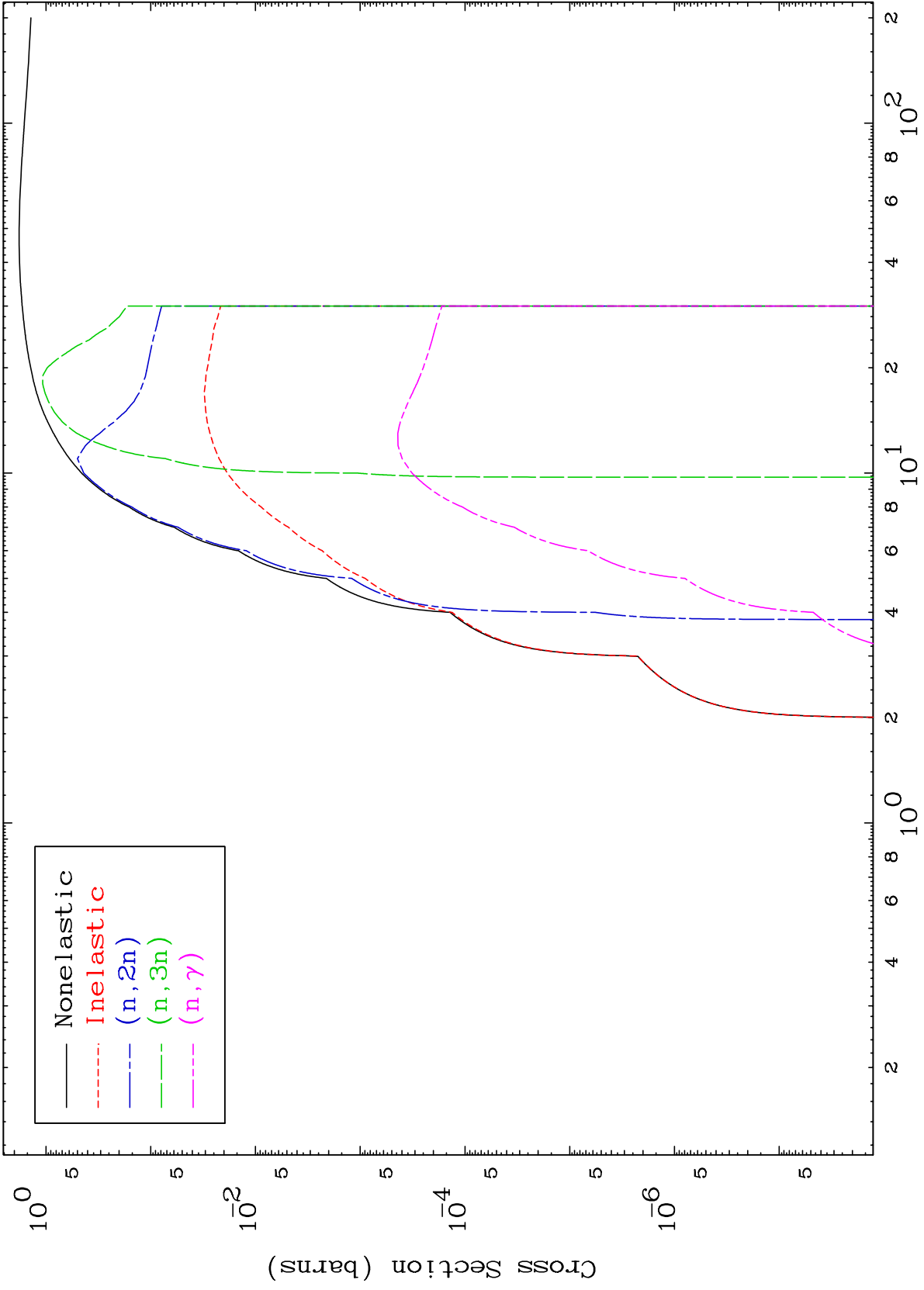
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Web:redcullen1.net/HOMEPAGE.NEW

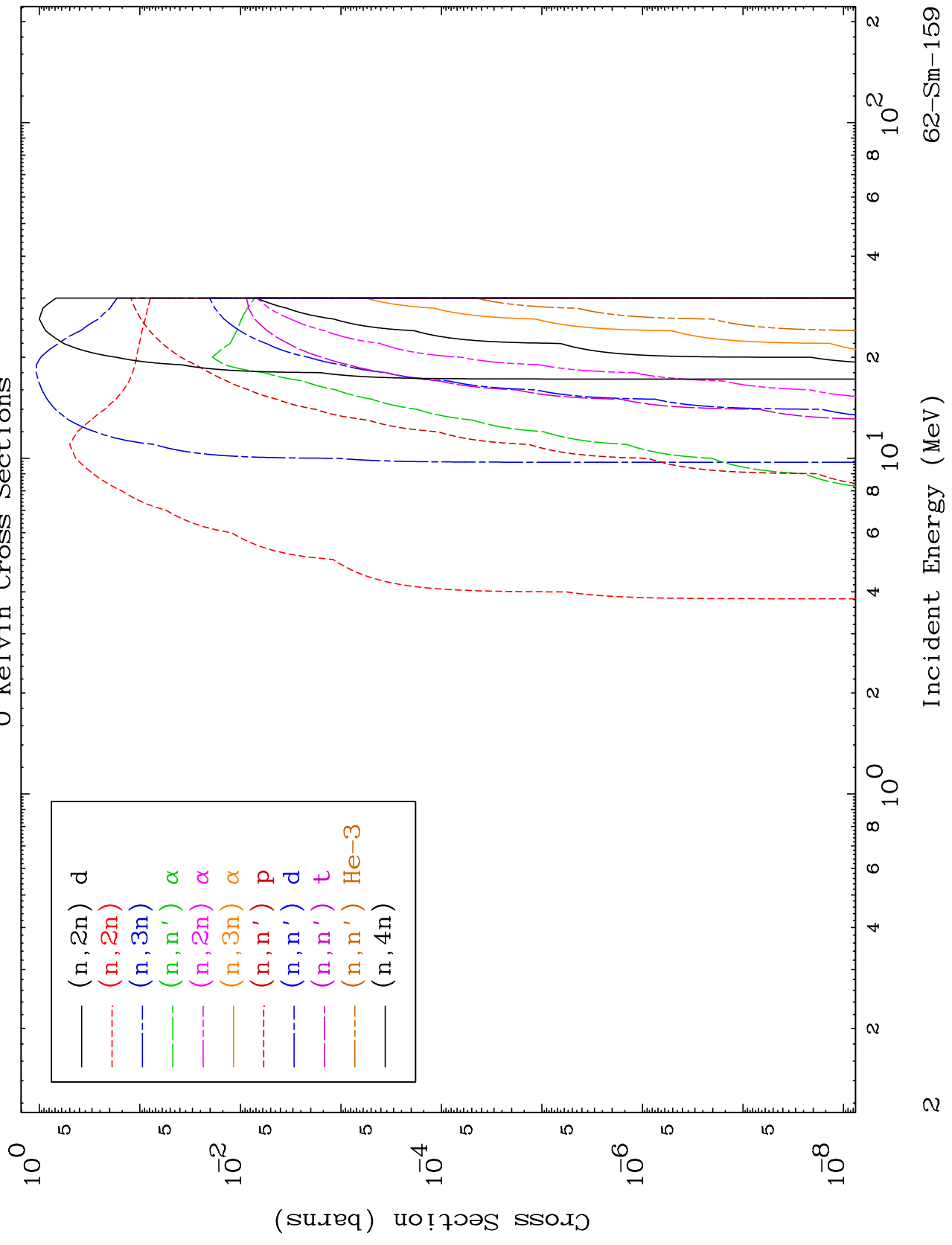
Press Mouse Button to Start



MAT 6270

Proton Neutron Absorption
0 Kelvin Cross Sections

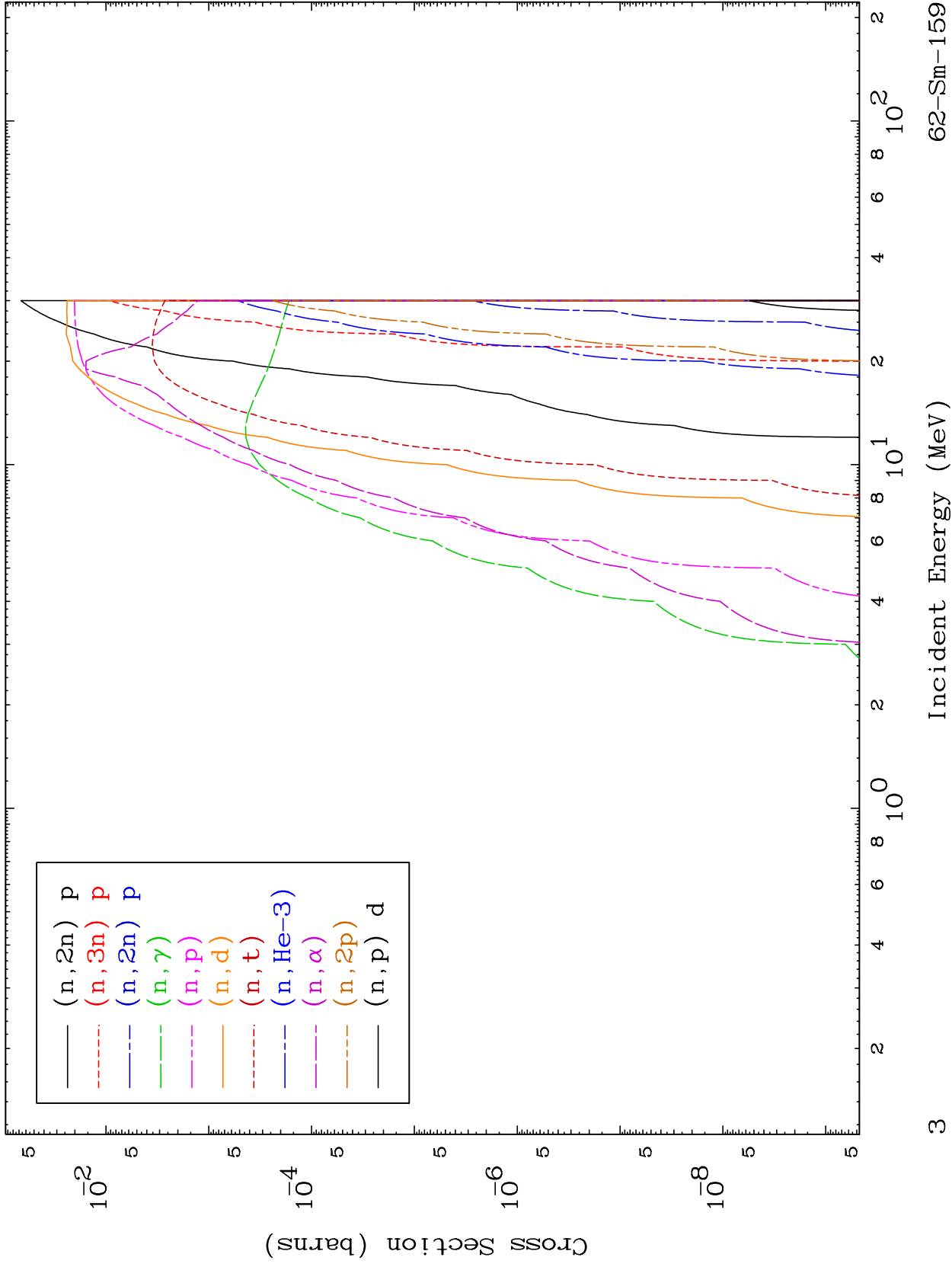
62-Sm-159



MAT 6270

Proton Neutron Absorption
0 Kelvin Cross Sections

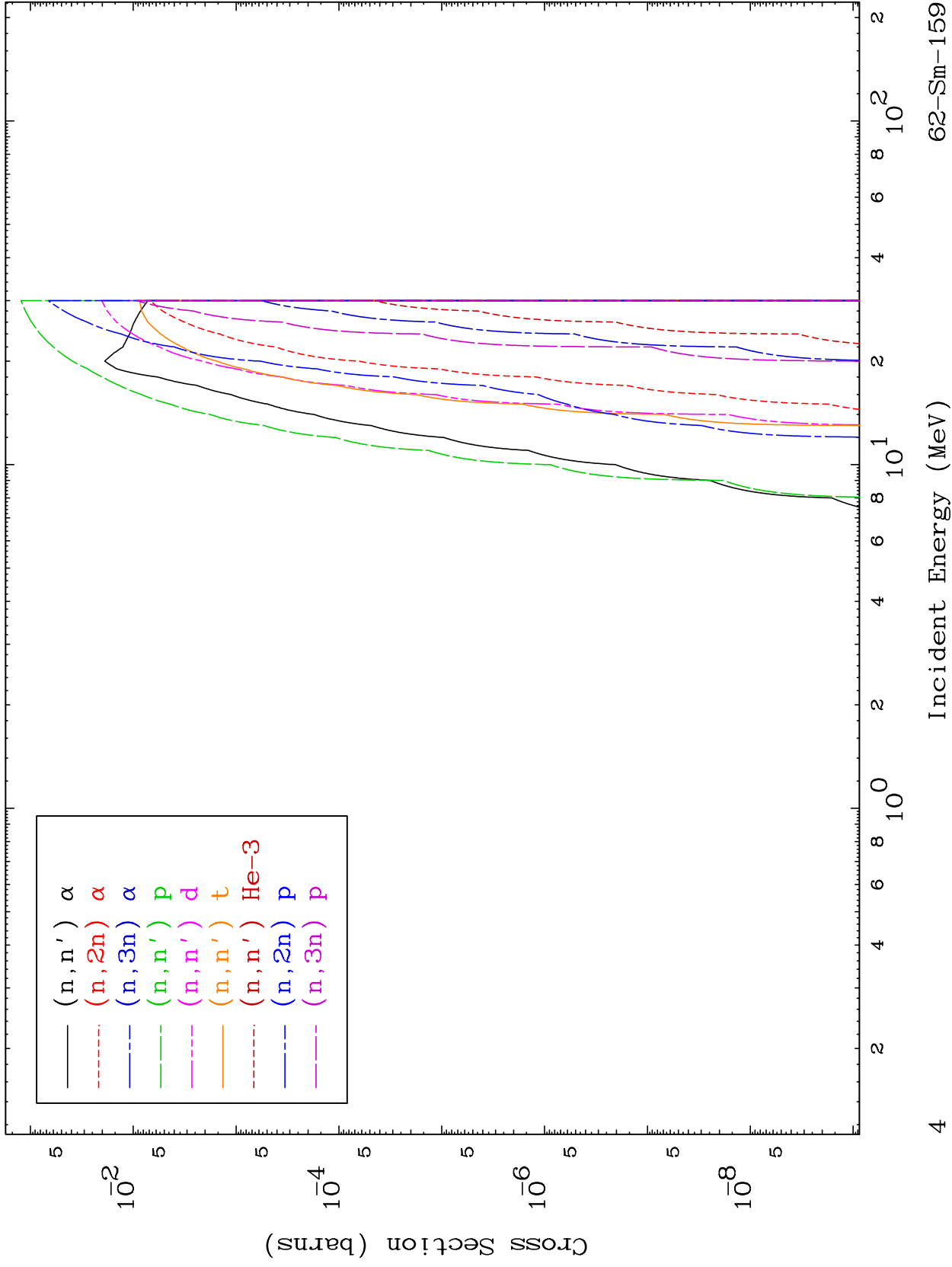
62-Sm-159

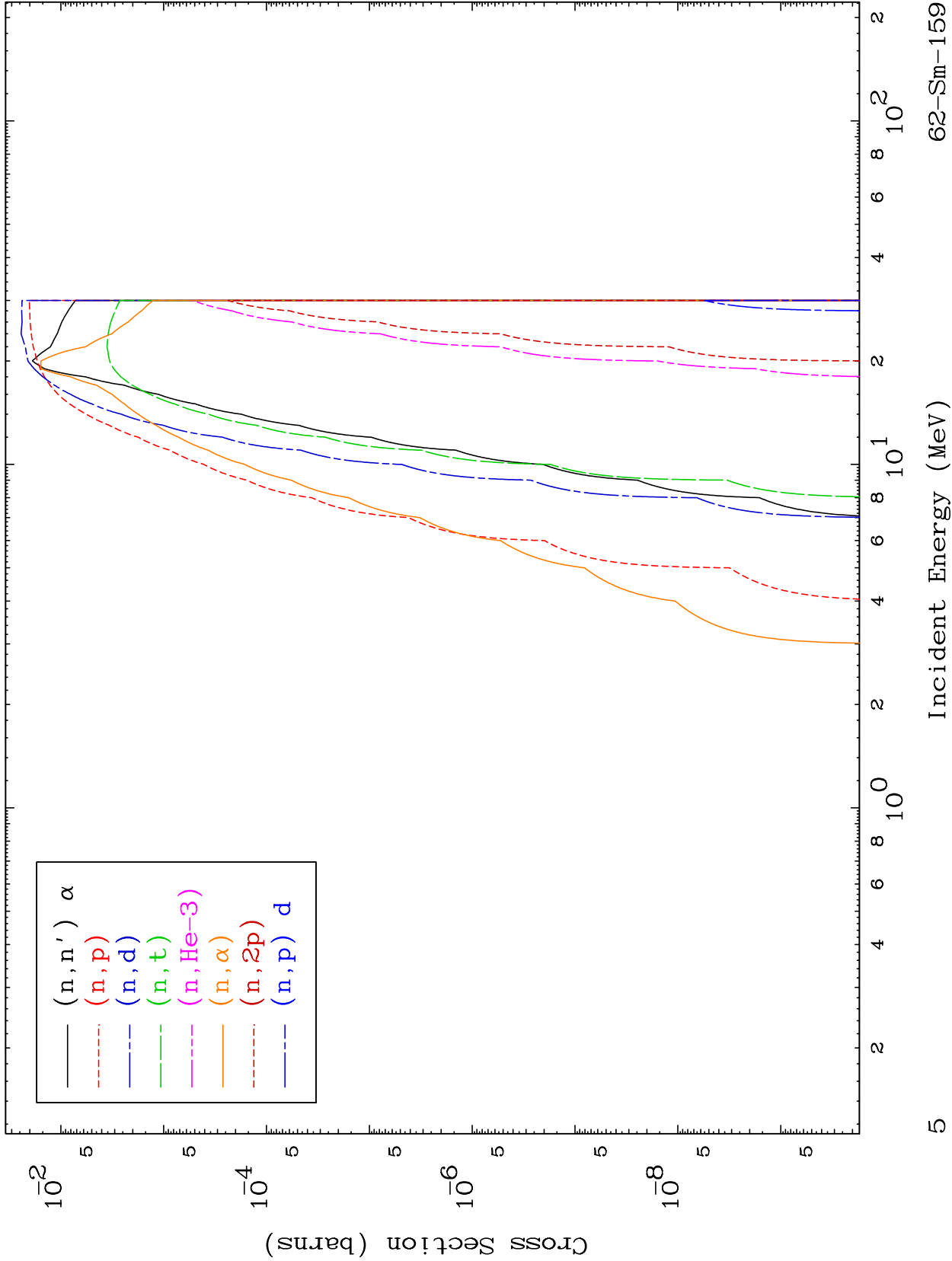


MAT 6270

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-159

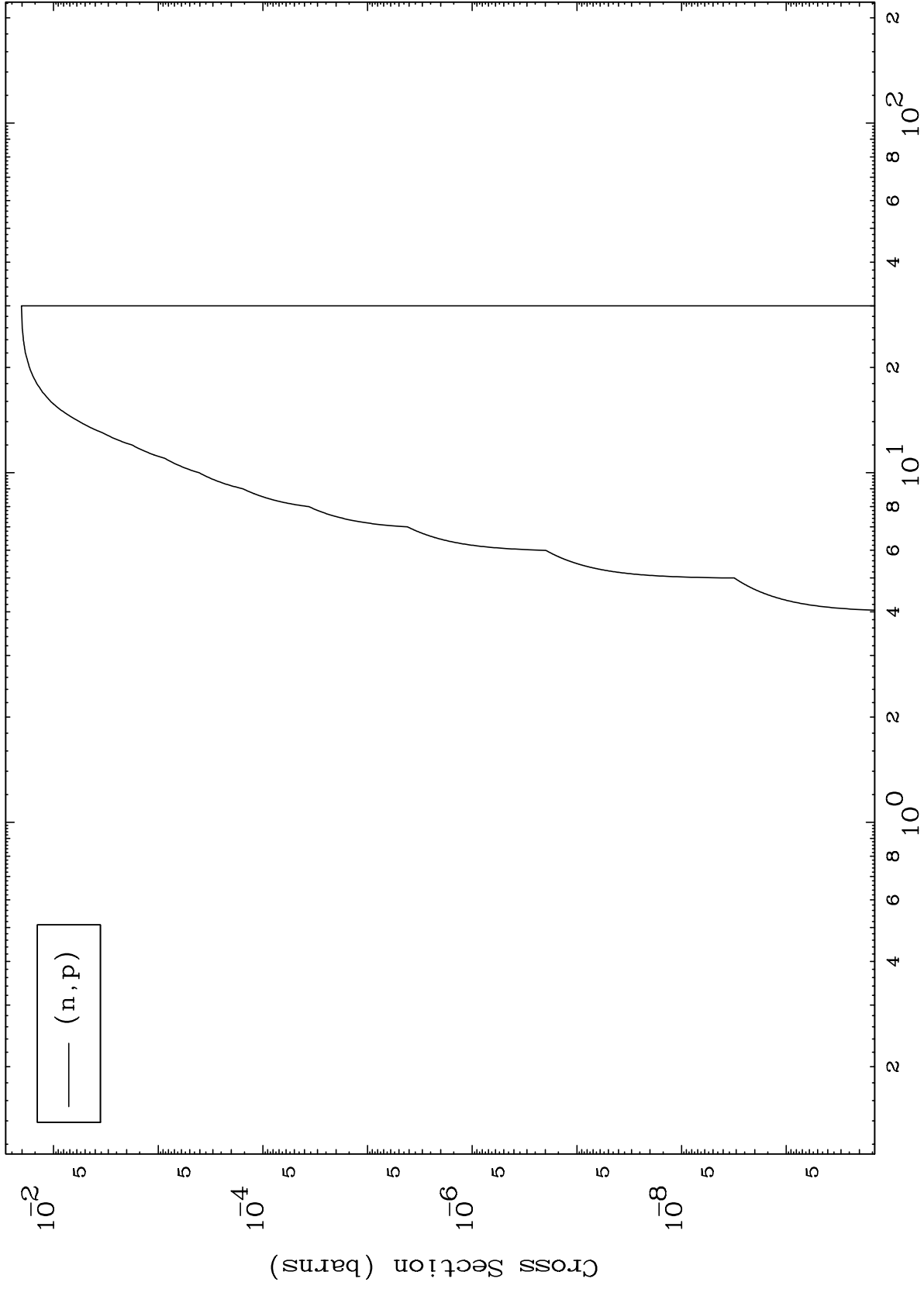




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(p,p) Levels
0 Kelvin Cross Sections

62-Sm-159



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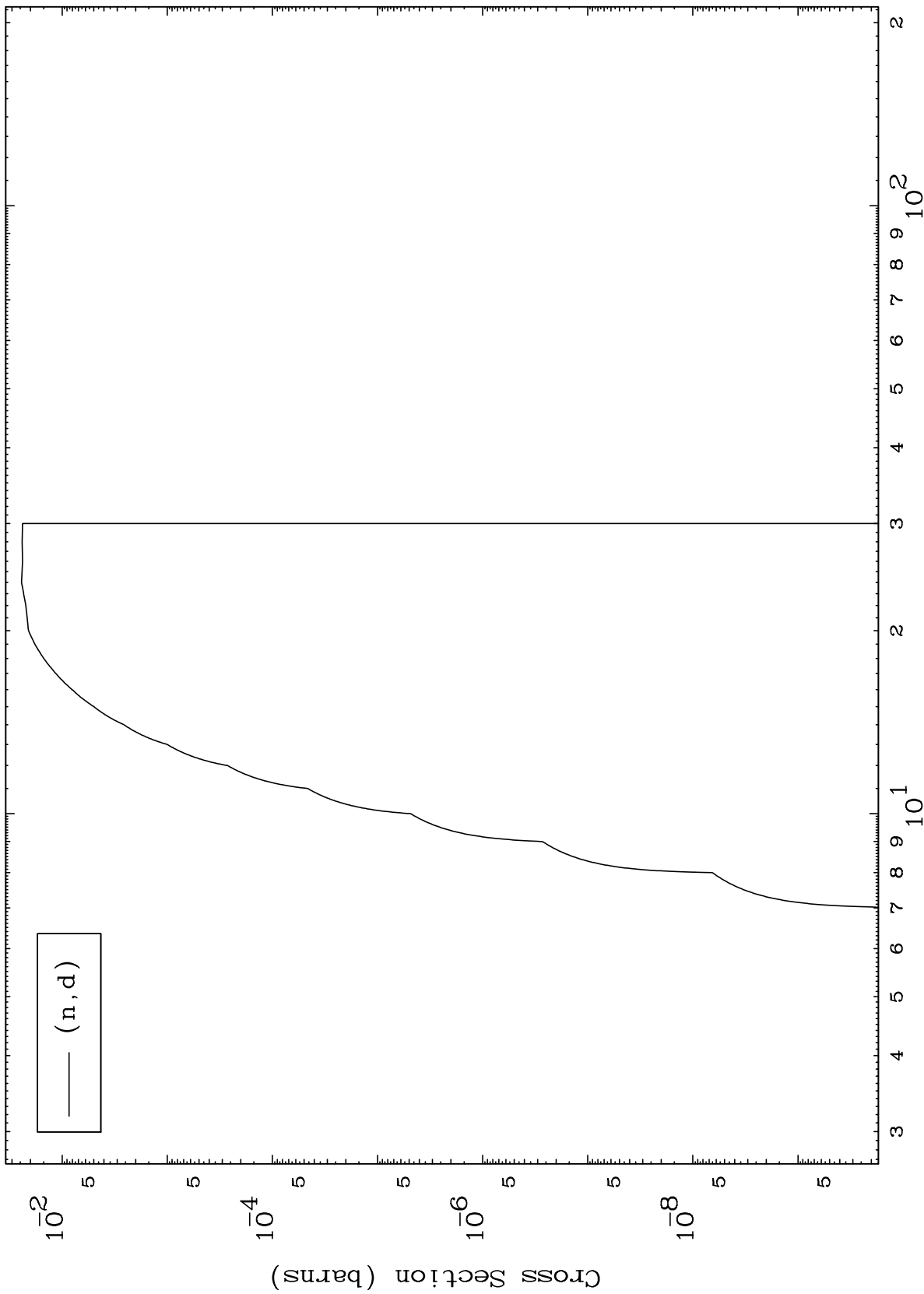
Incident Energy (MeV)

62-Sm-159

MAT 6270

62-Sm-159

(p,d) Levels
0 Kelvin Cross Sections



62-Sm-159

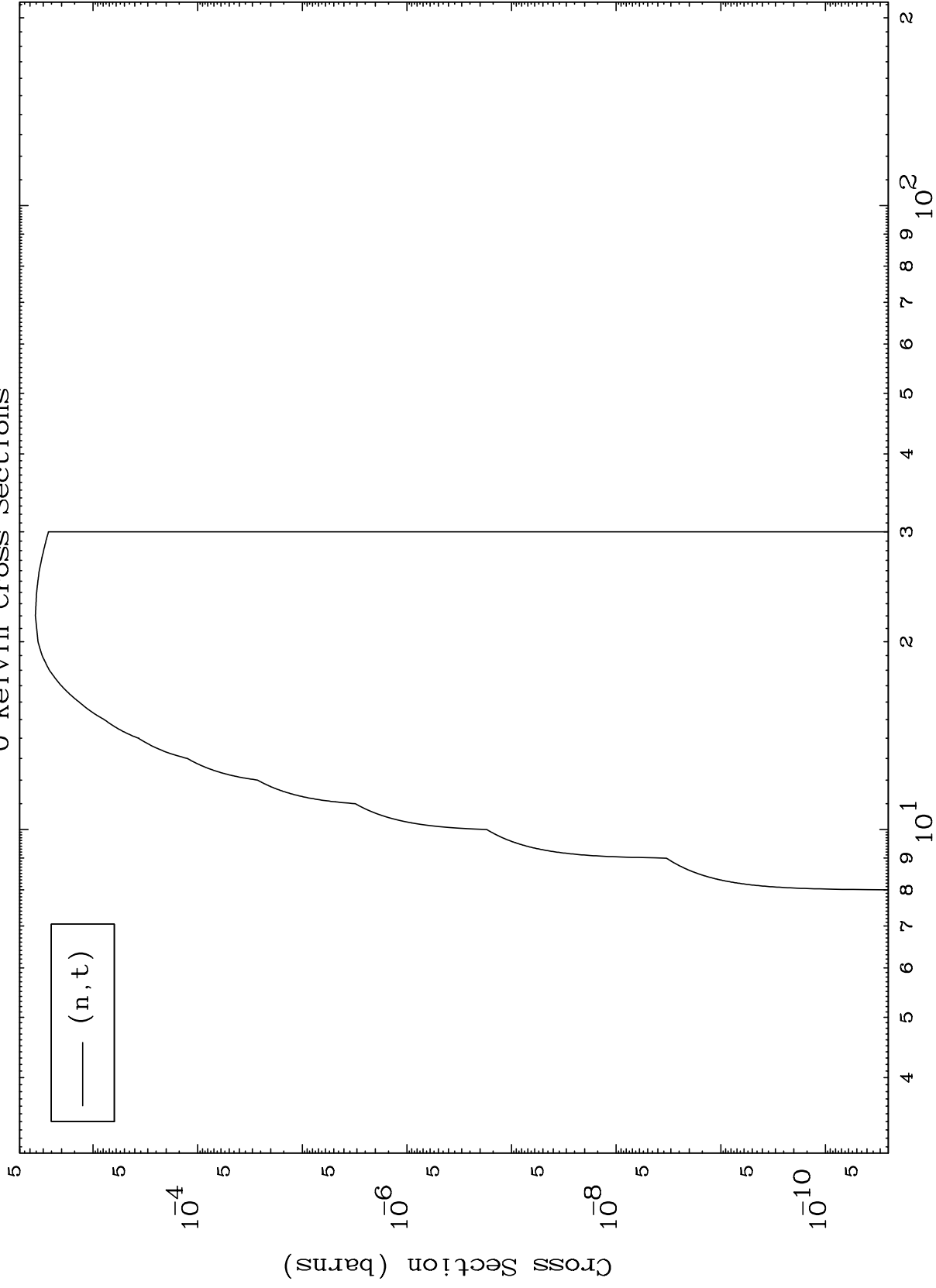
Incident Energy (MeV)

7

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(p, t) Levels
0 Kelvin Cross Sections

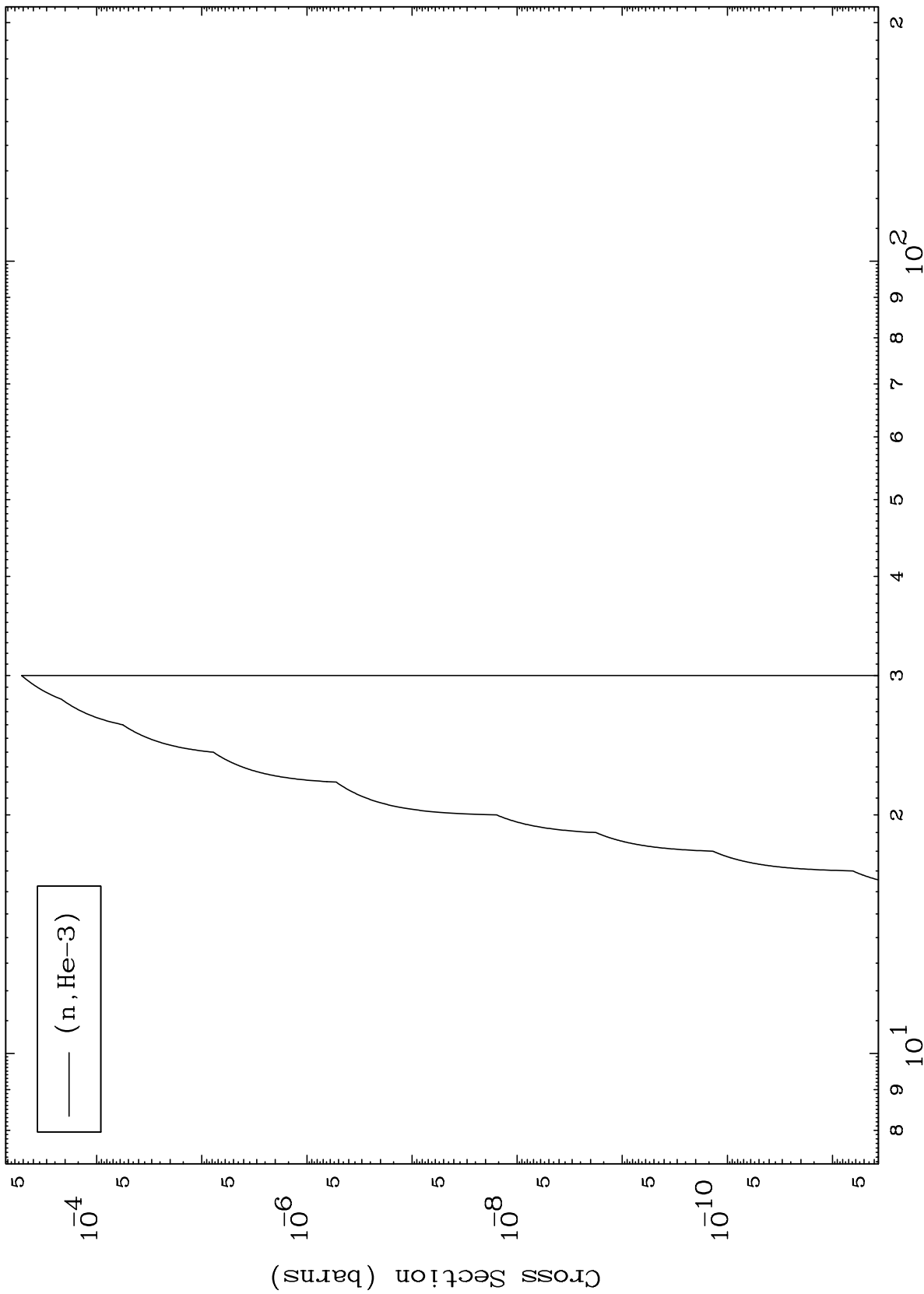
62-Sm-159



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62-Sm-159

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-159

Incident Energy (MeV)

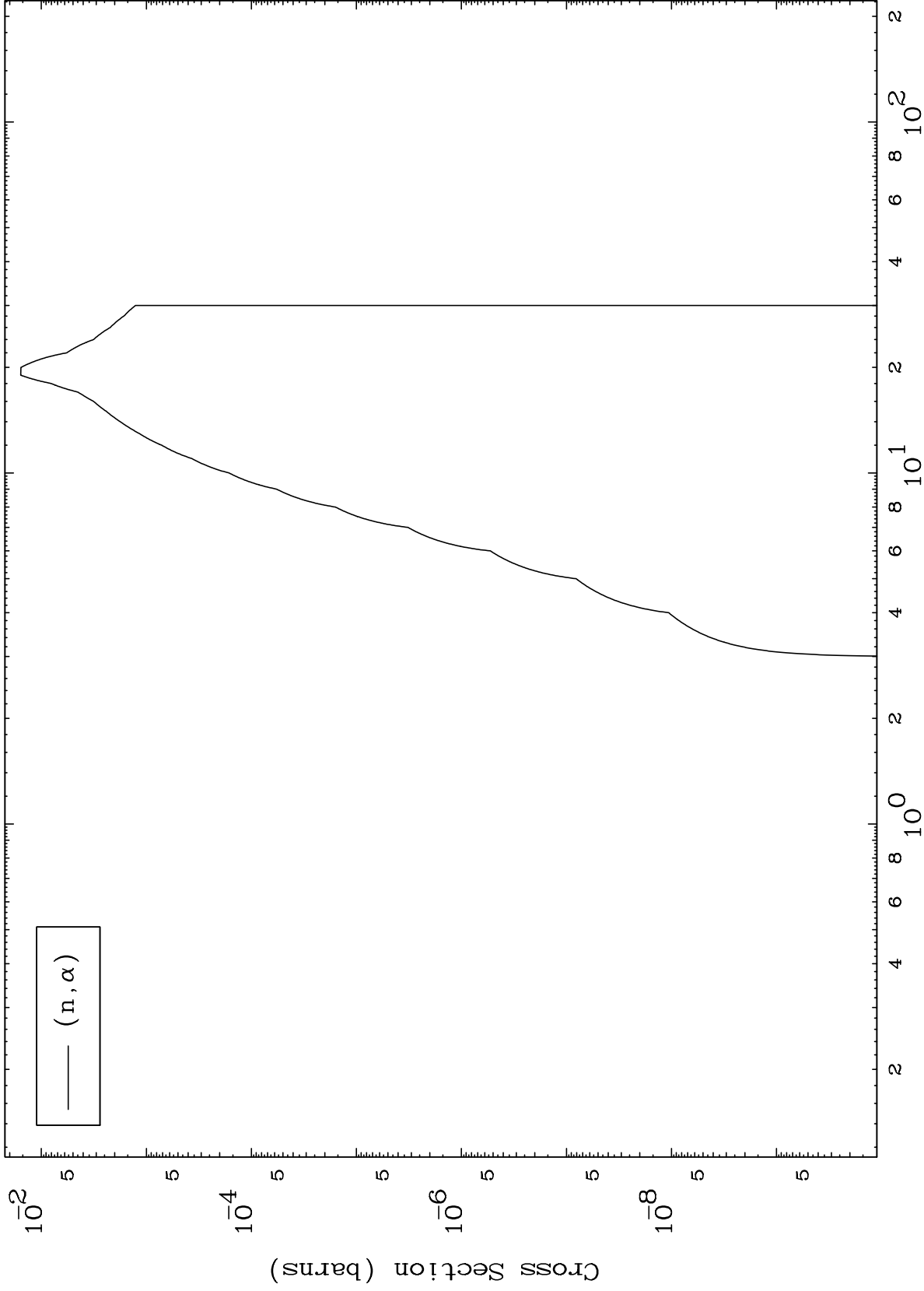
9

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(p, α) Levels

62-Sm-159

0 Kelvin Cross Sections



10

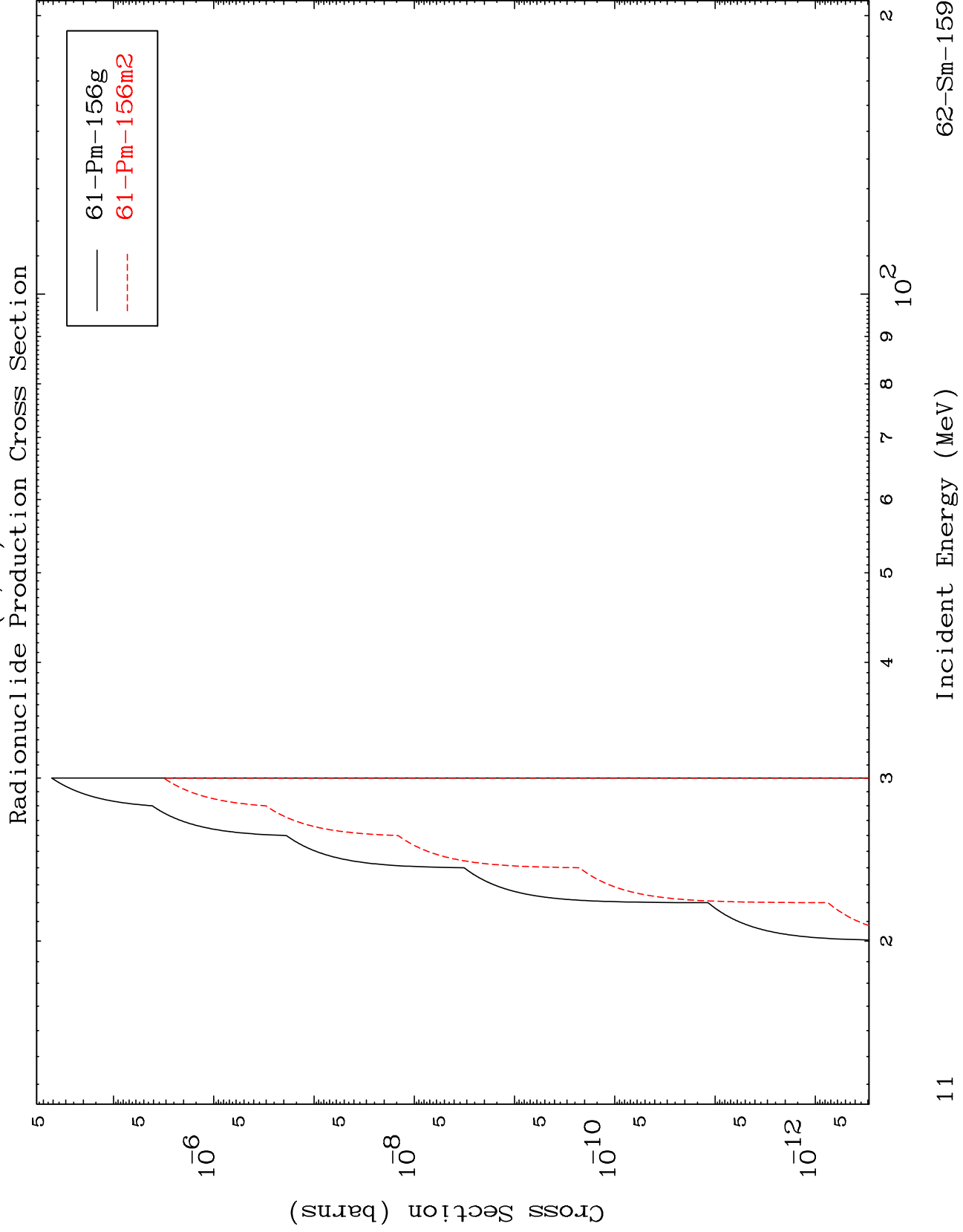
Incident Energy (MeV)

62-Sm-159

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(n,n') He-3

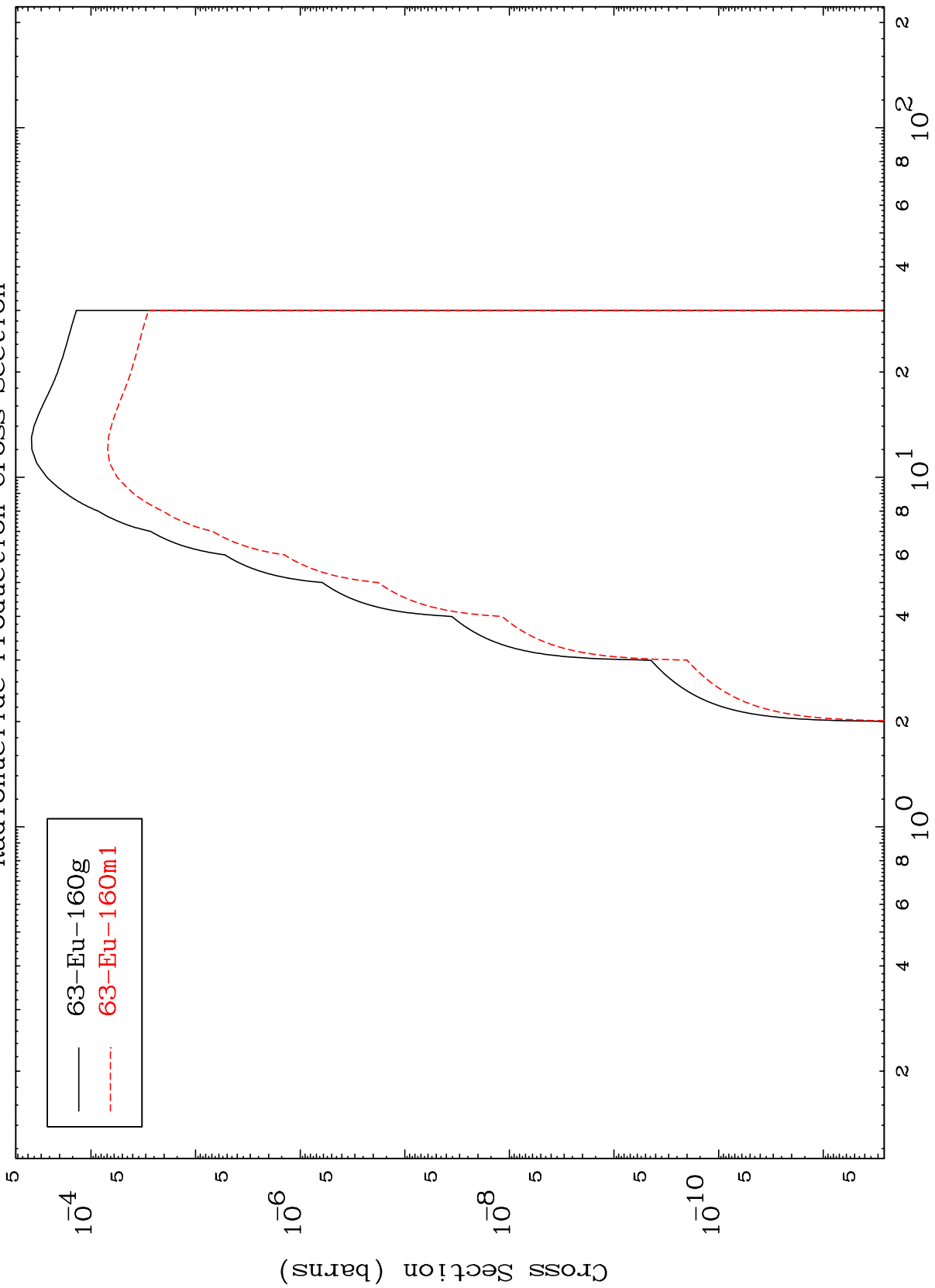
62-Sm-159



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62-Sm-159

(n, γ)
Radionuclide Production Cross Section



— 63-Eu-160g
- - - 63-Eu-160m1

62-Sm-159

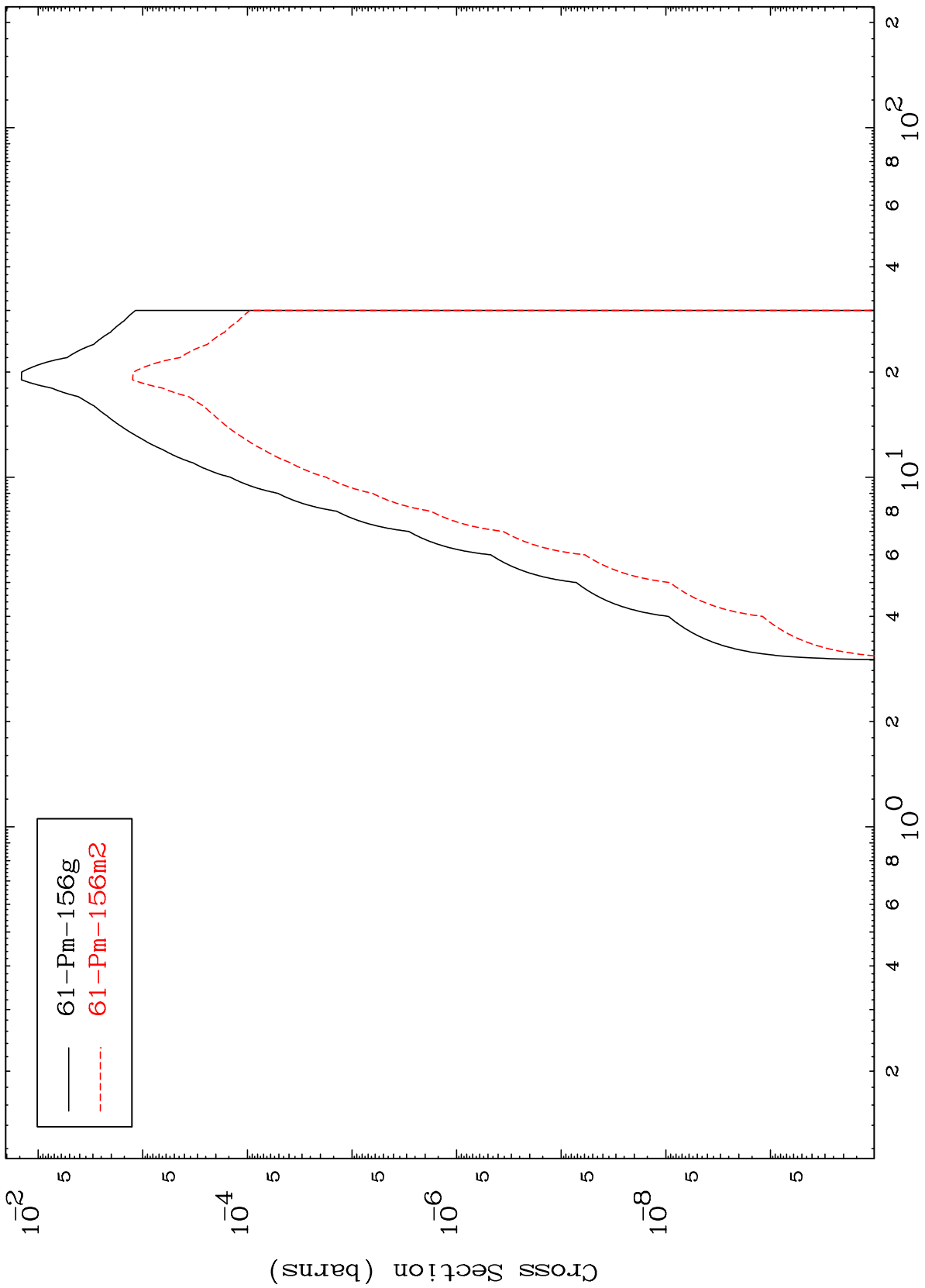
Incident Energy (MeV)

12

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62-Sm-159

Radionuclide Production Cross Section
(n, α)



61-Pm-156g
61-Pm-156m2

62-Sm-159

Incident Energy (MeV)

13