

Program EVALPLOT
(Version 2021-1)

by

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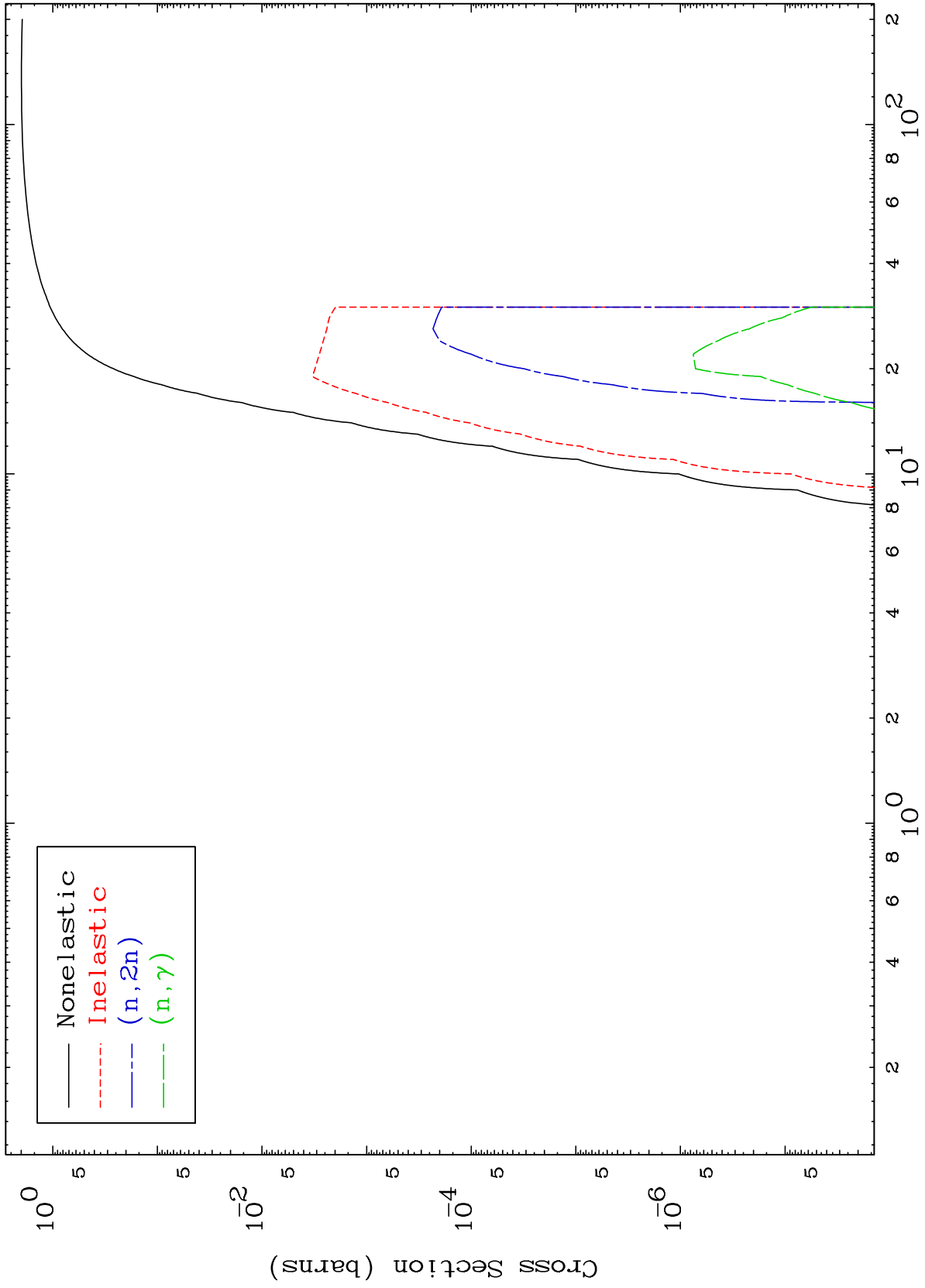
Press Mouse Button to Start

MAT 6387

He-3 Major

64-Gd-139m

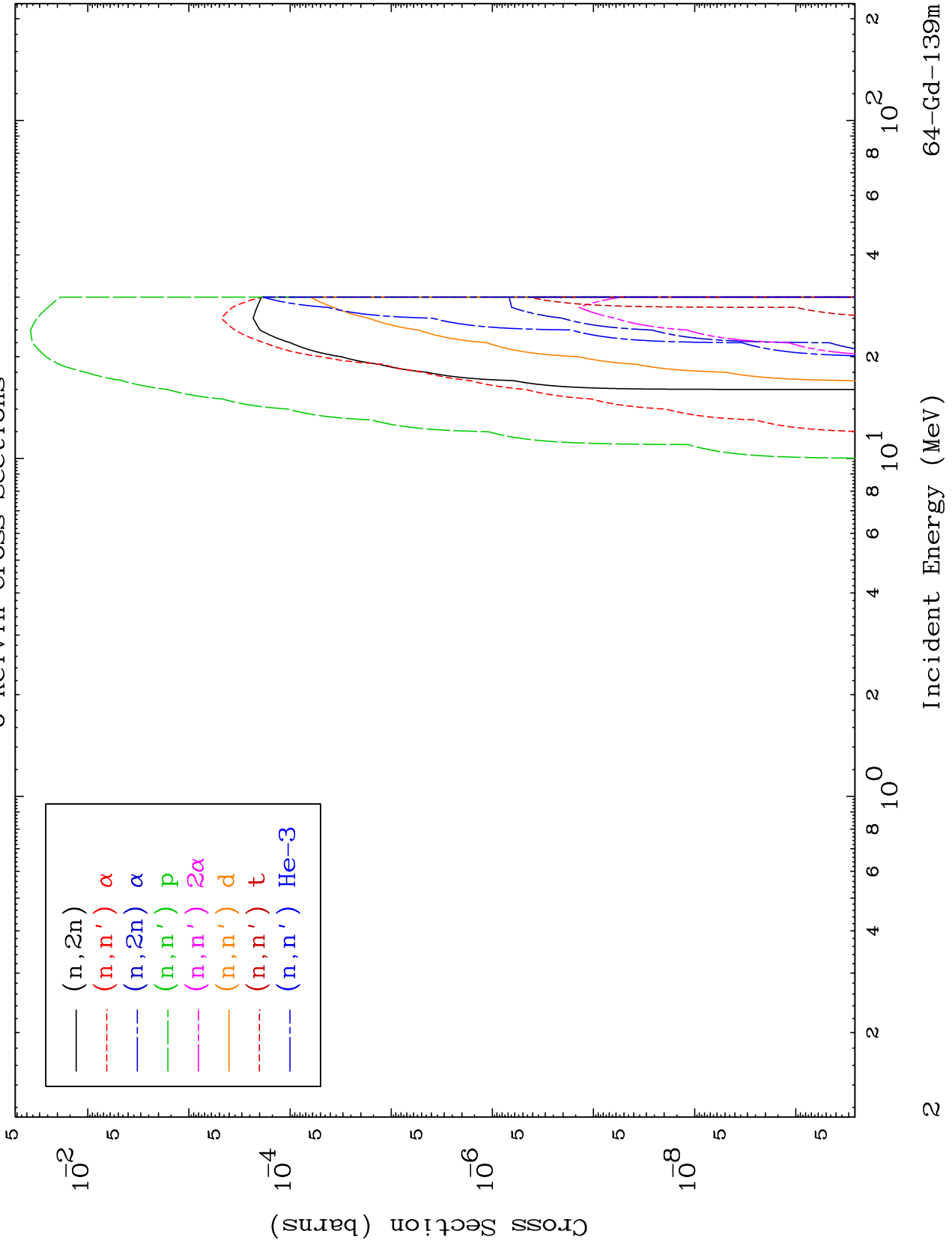
0 Kelvin Cross Sections



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He-3 Neutron Absorption
0 Kelvin Cross Sections

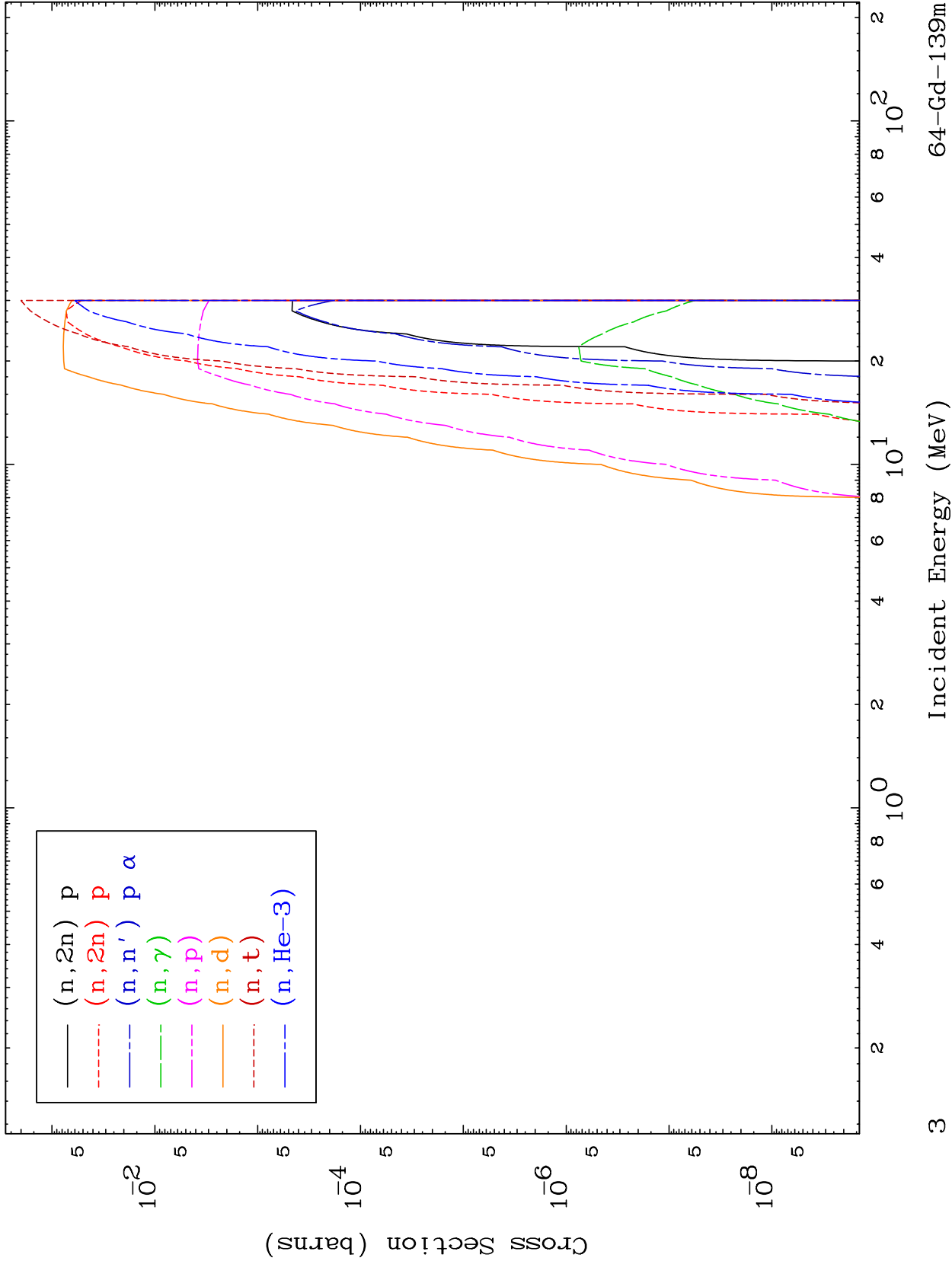
64-Gd-139m



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He-3 Neutron Absorption
0 Kelvin Cross Sections

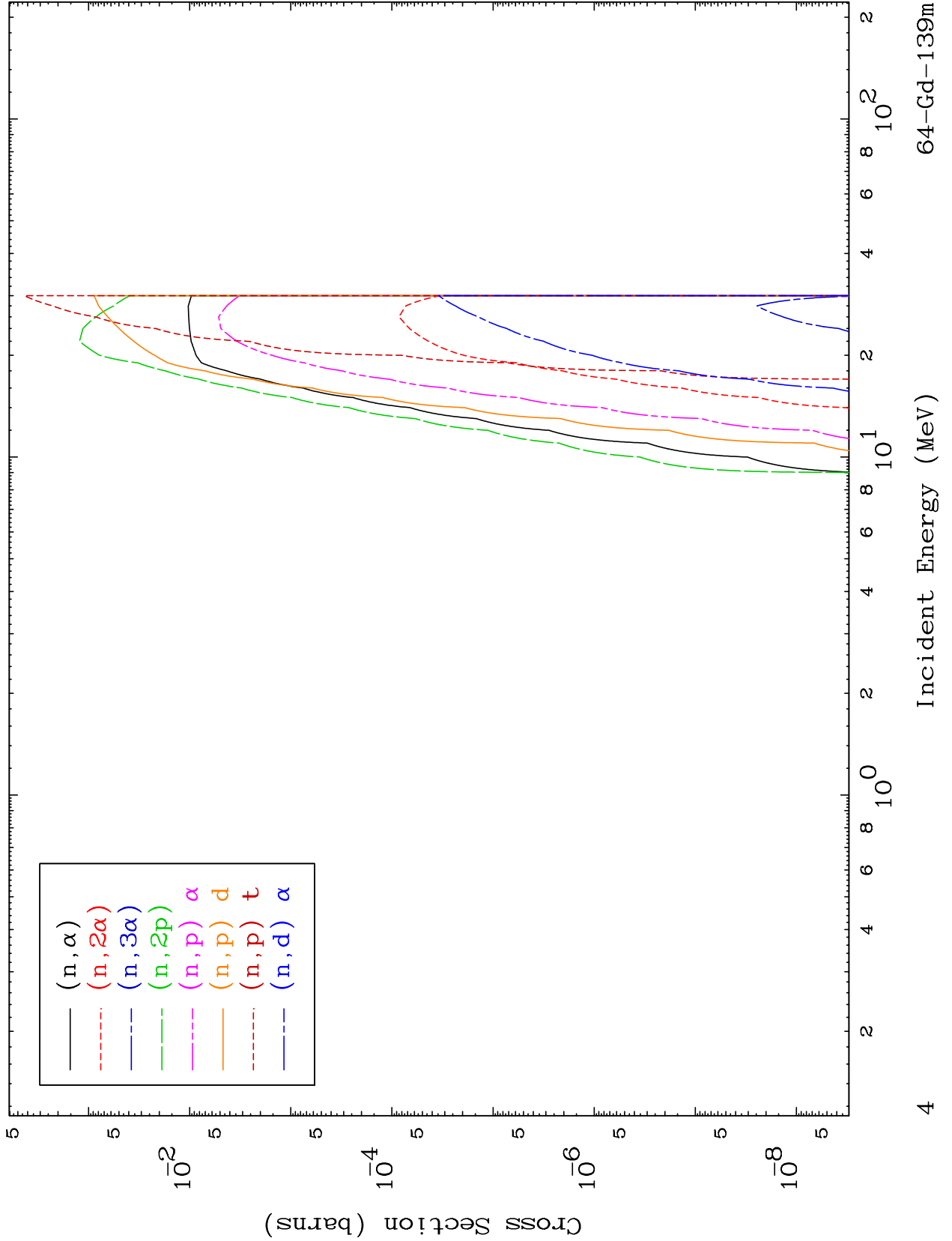
64-Gd-139m



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He-3 Neutron Absorption
0 Kelvin Cross Sections

64-Gd-139m

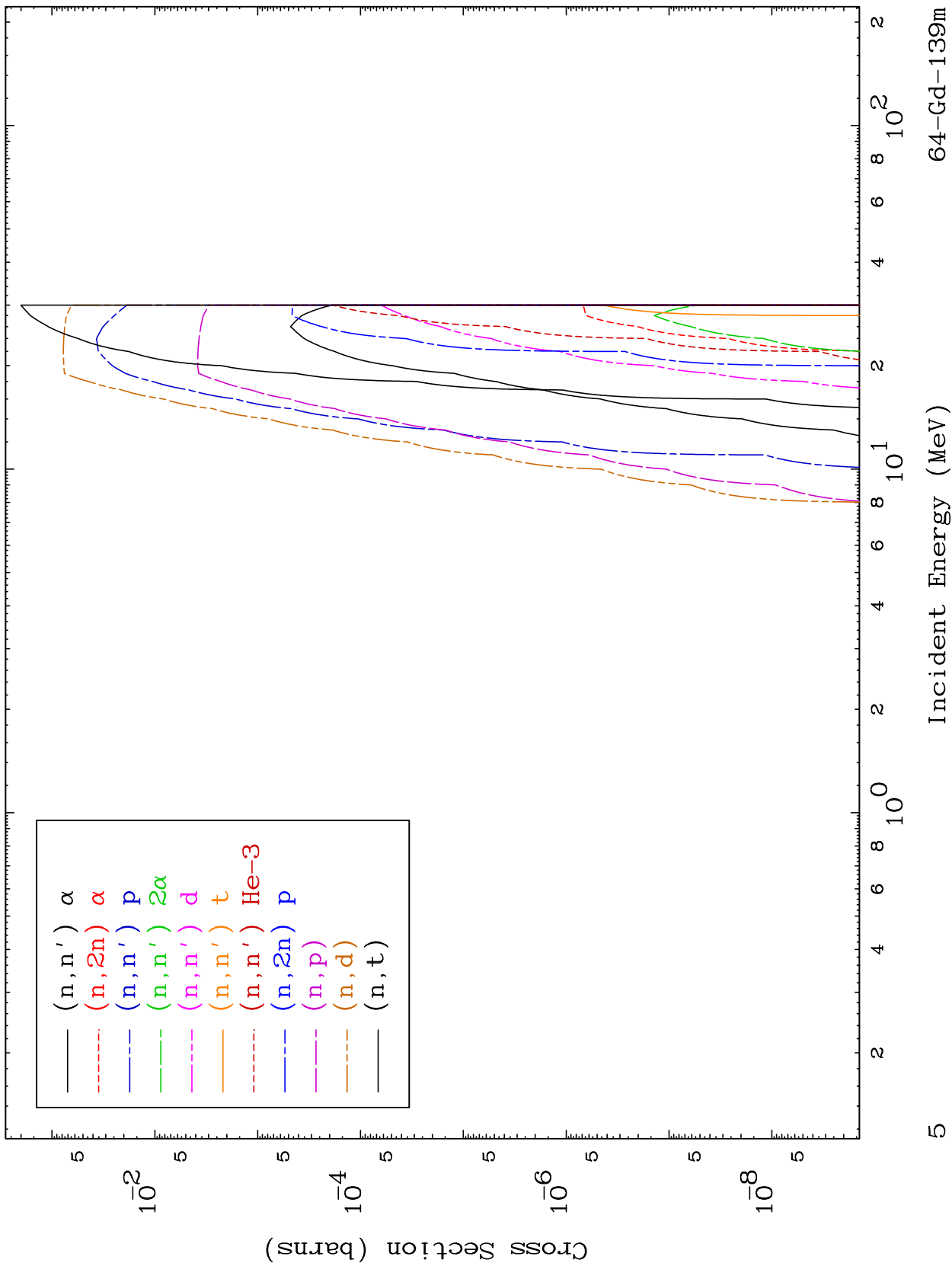


64-Gd-139m

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He-3 Charged Particle
0 Kelvin Cross Sections

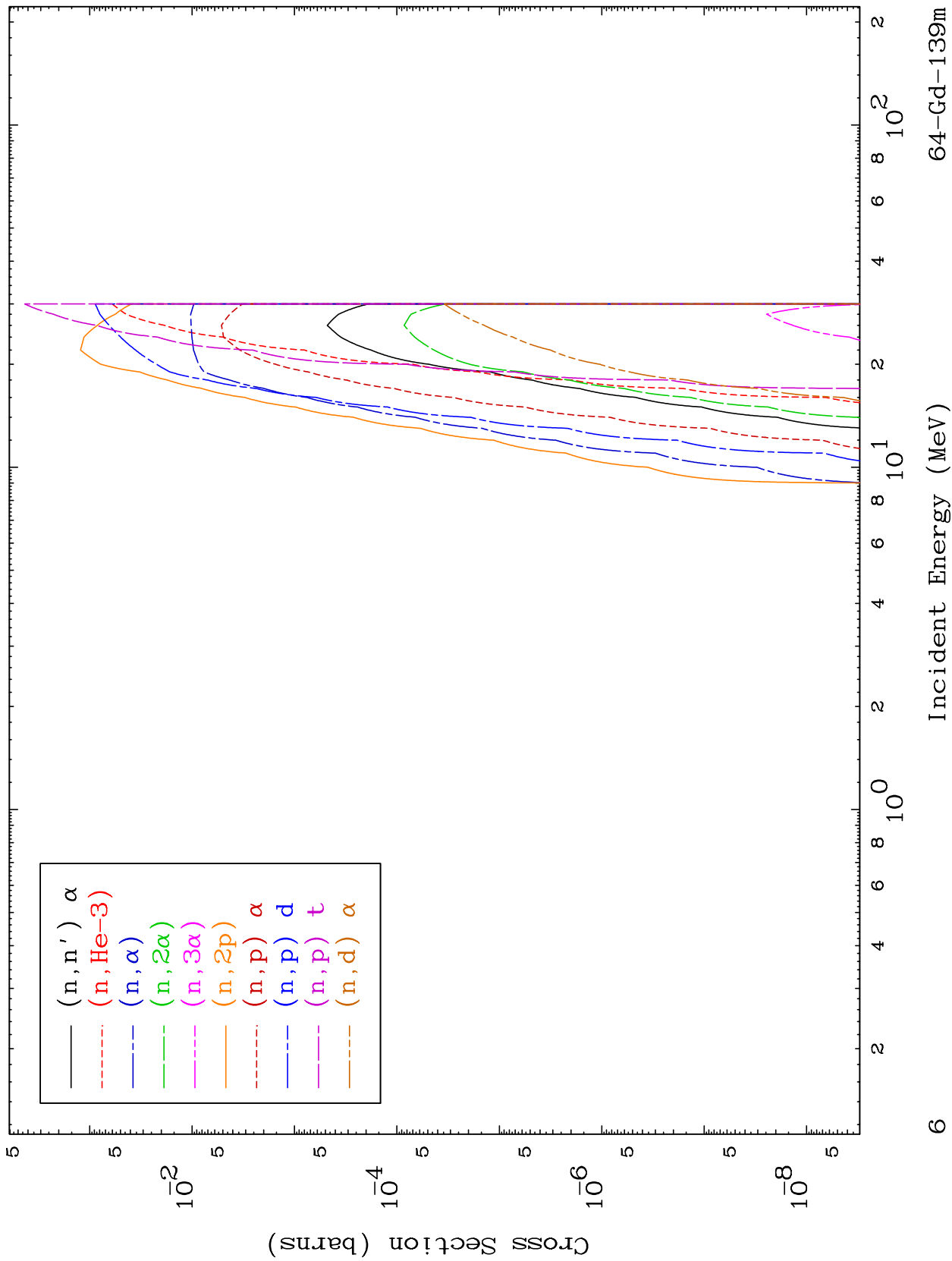
64-Gd-139m



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He-3 Charged Particle
0 Kelvin Cross Sections

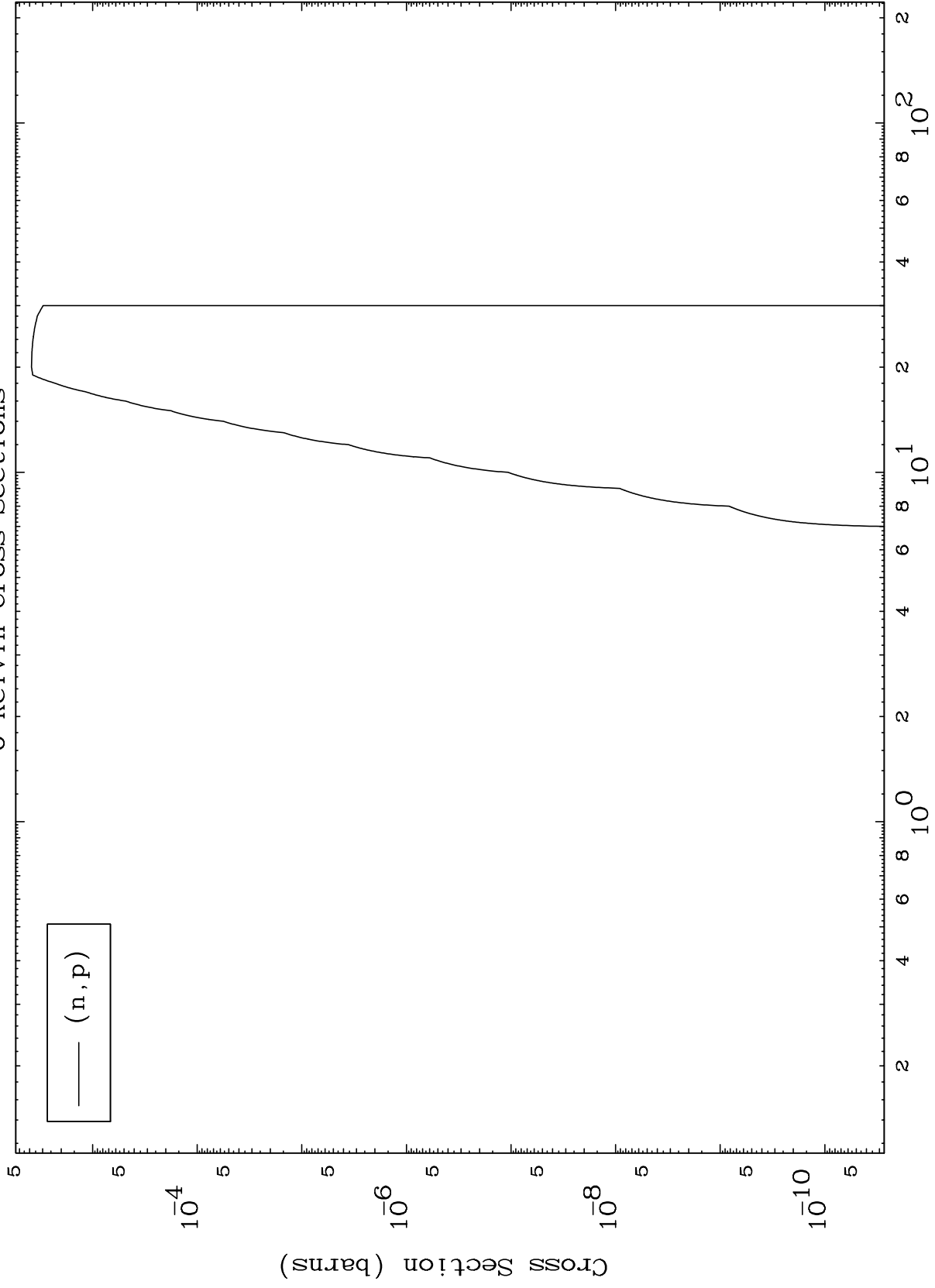
64-Gd-139m



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(He-3,p) Levels
0 Kelvin Cross Sections

64-Gd-139m

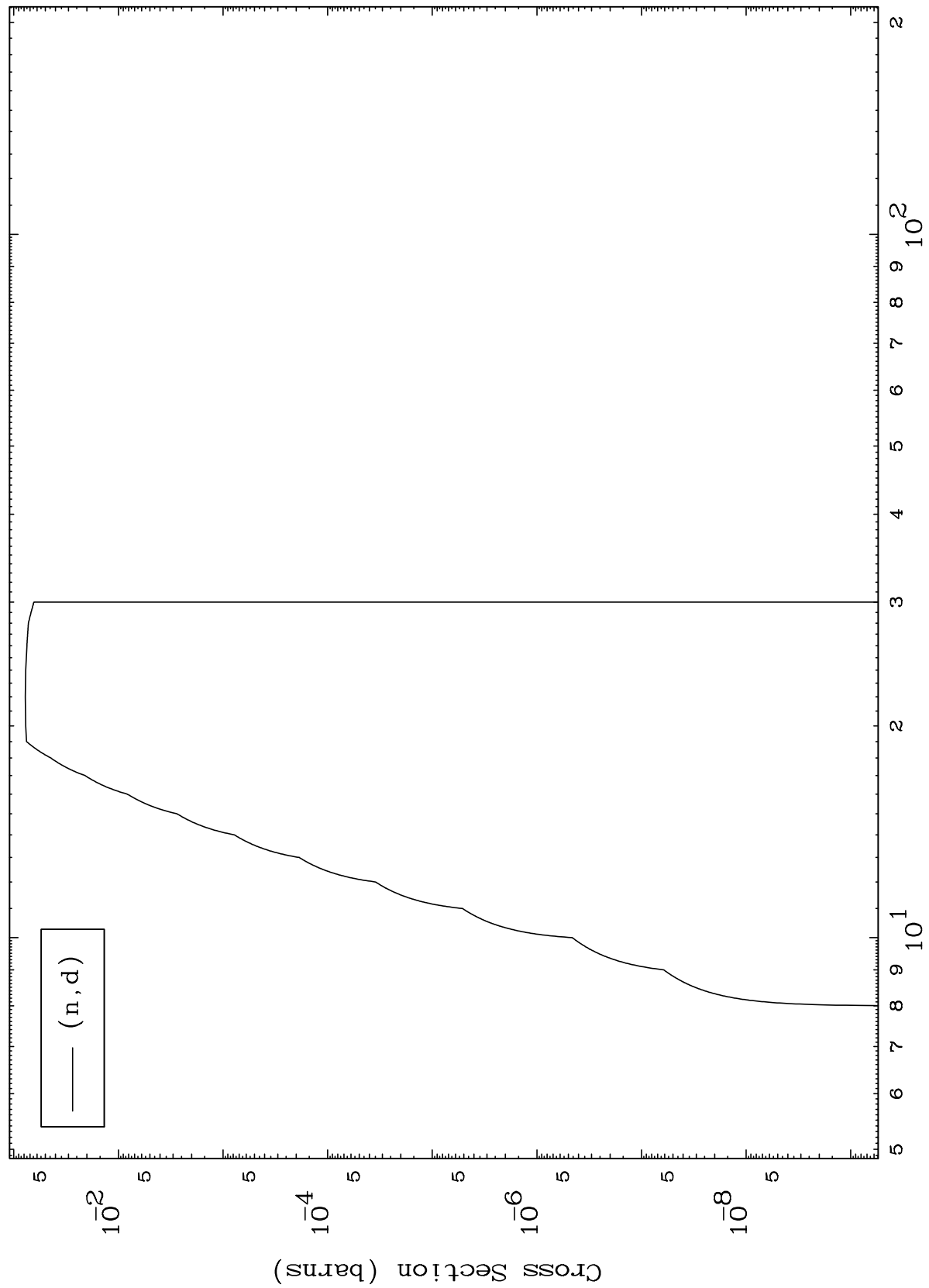


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(He-3,d) Levels

64-Gd-139m

0 Kelvin Cross Sections

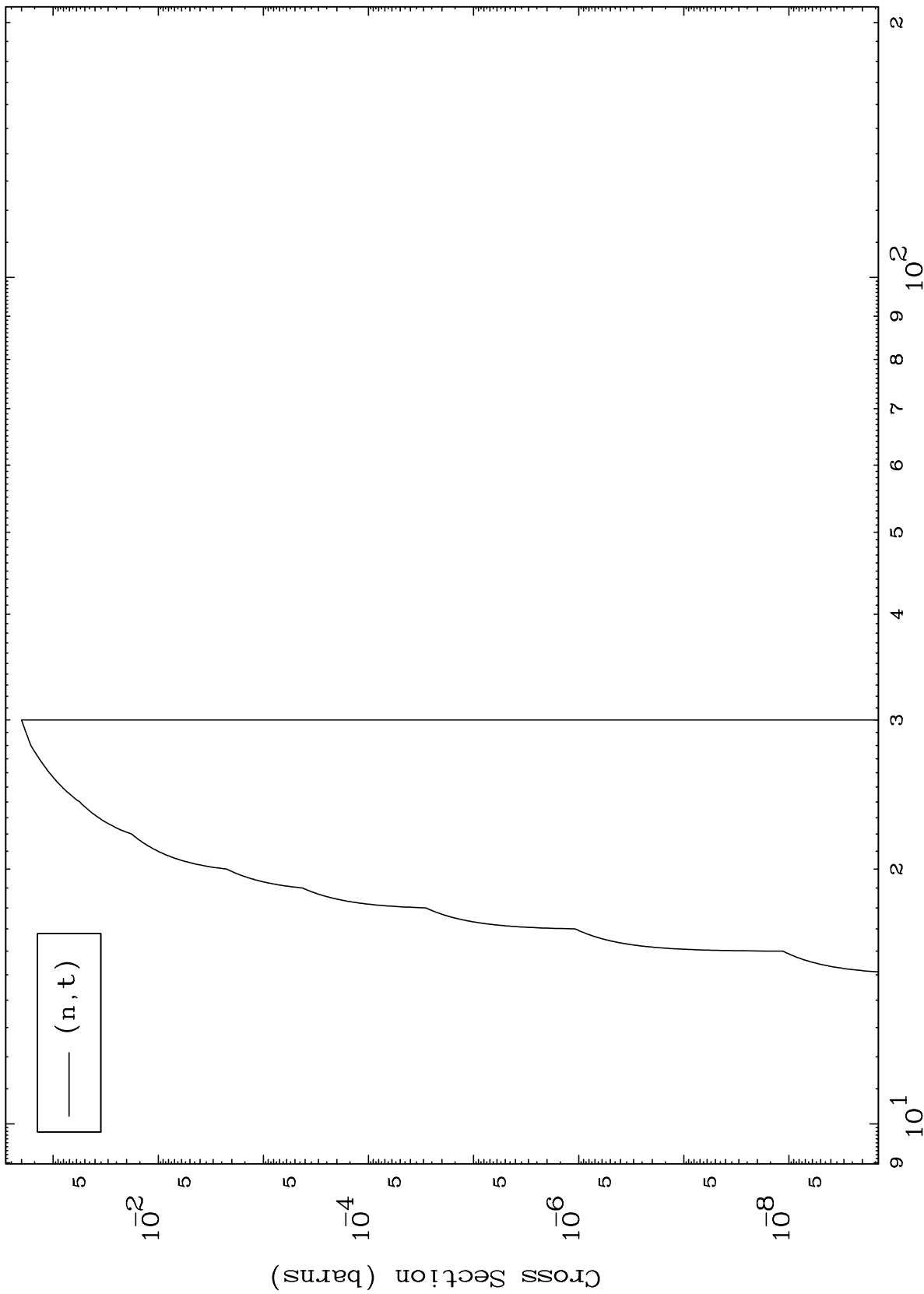


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(He-3,t) Levels

64-Gd-139m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

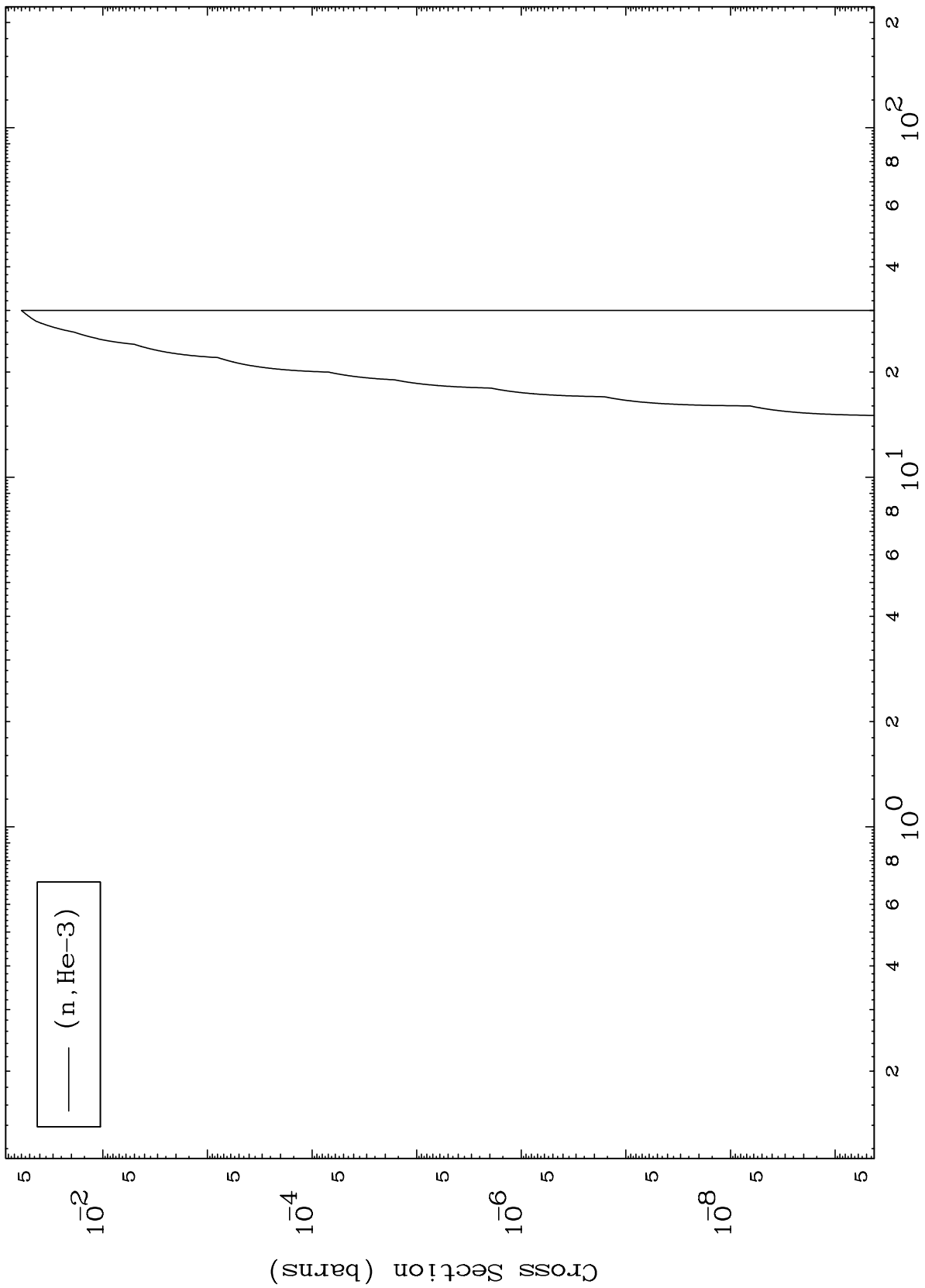
64-Gd-139m

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(He-3, He3) Levels

64-Gd-139m

0 Kelvin Cross Sections



(n, He-3)

10

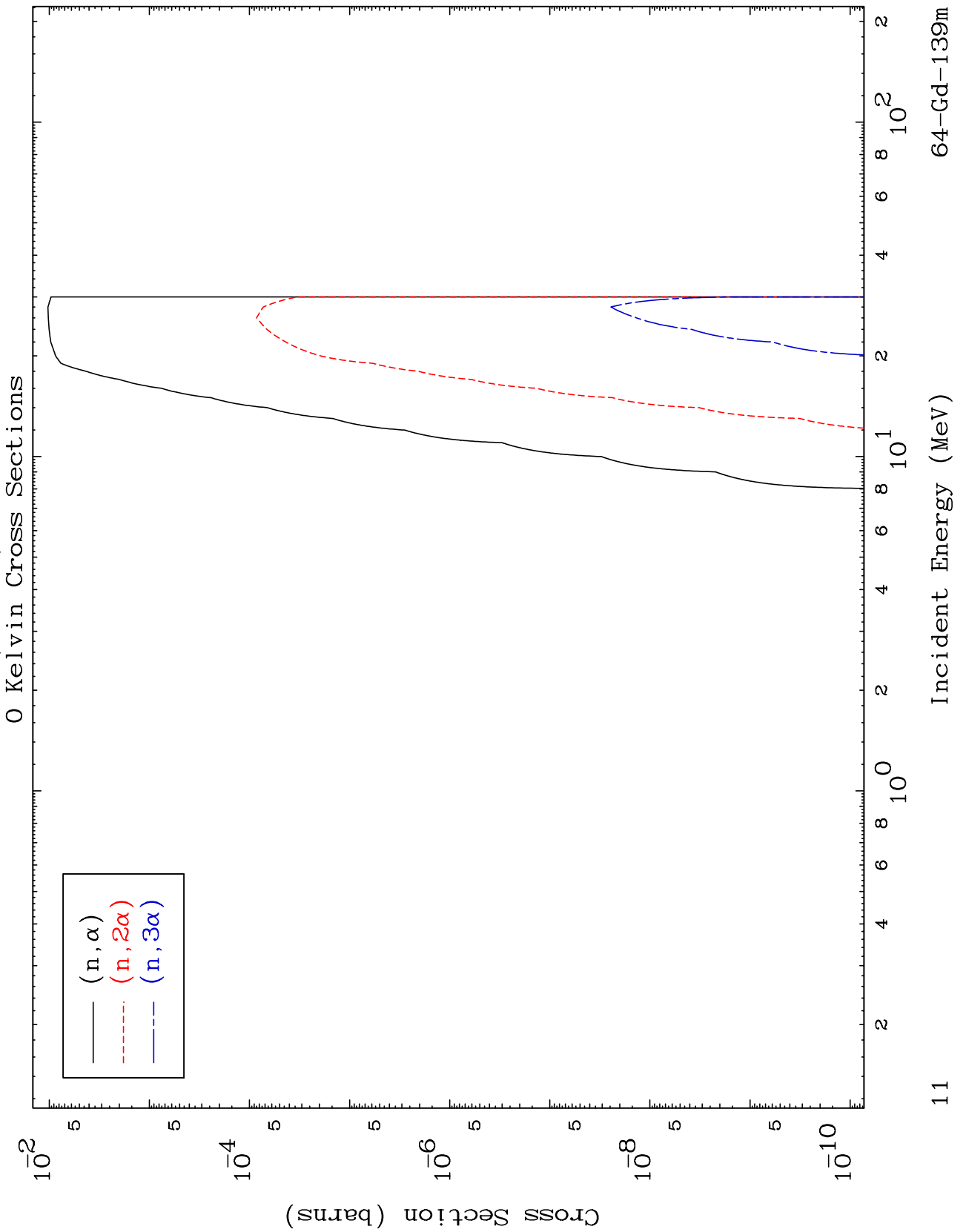
Incident Energy (MeV)

64-Gd-139m

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(He-3, α) Levels

64-Gd-139m

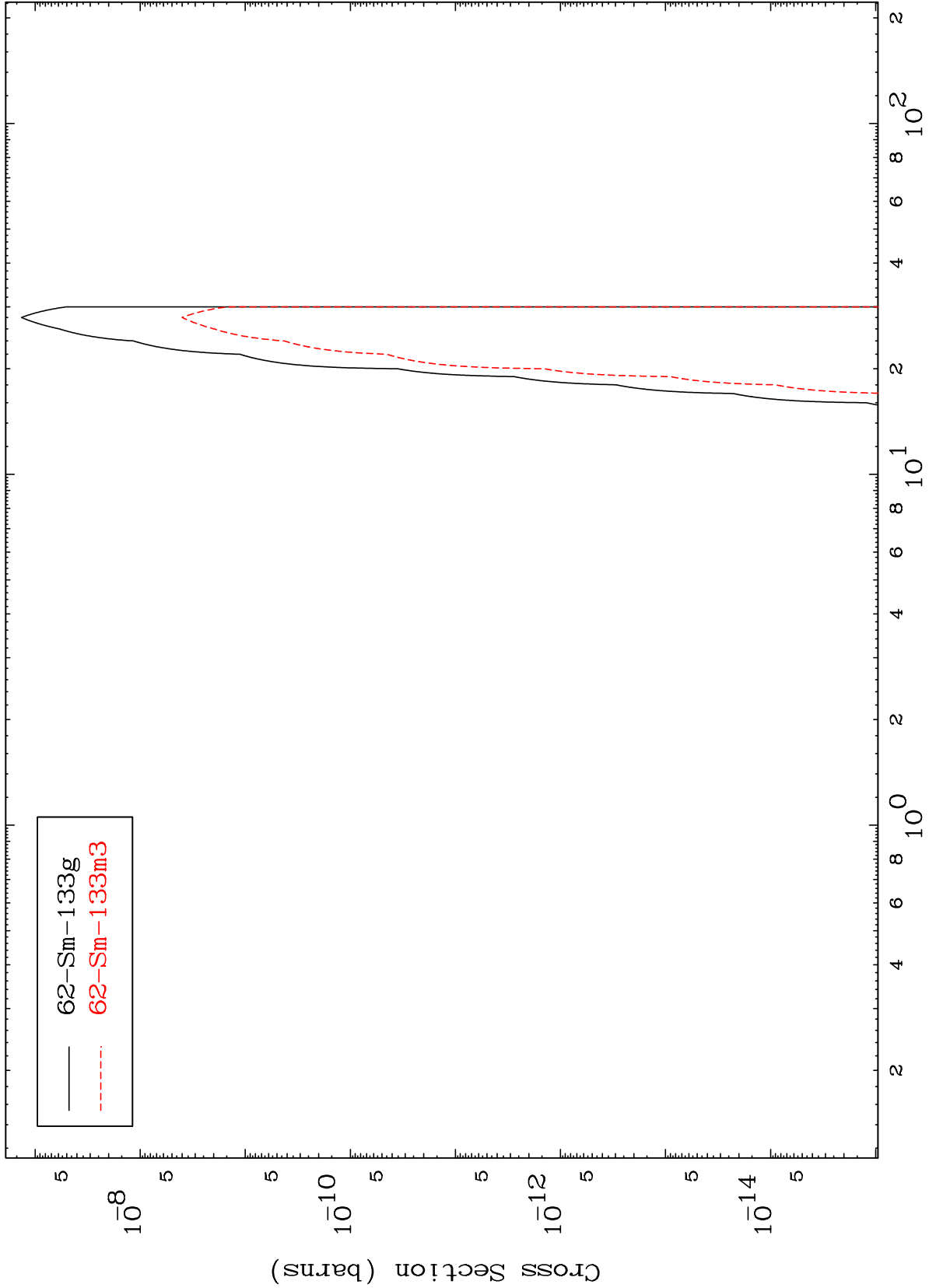


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(n,n') 2 α

64-Gd-139m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

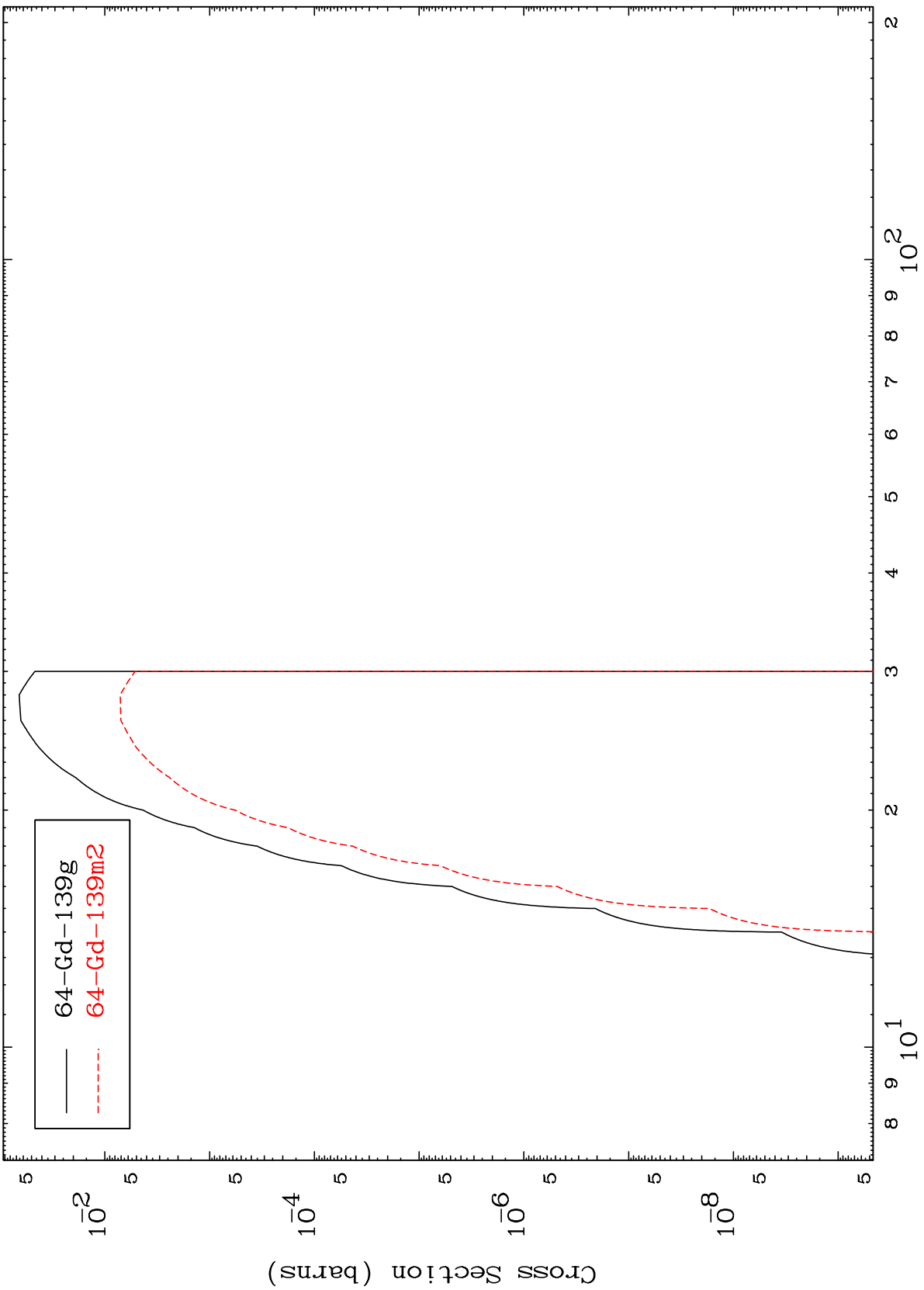
64-Gd-139m

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(n,2n) p

64-Gd-139m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

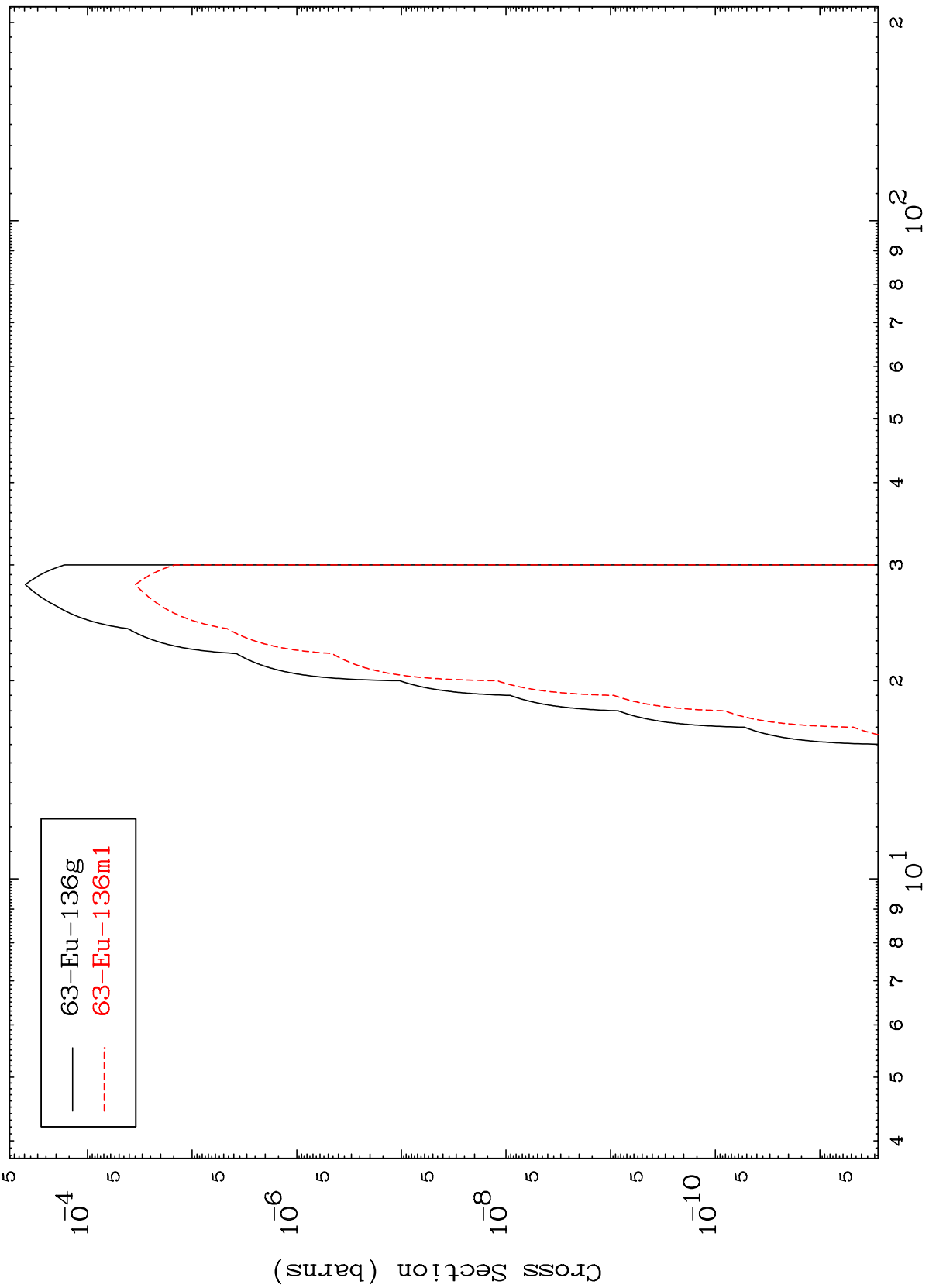
64-Gd-139m

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(n,n') p α

64-Gd-139m

Radionuclide Production Cross Section



63-Eu-136g
63-Eu-136m1

Incident Energy (MeV)

64-Gd-139m

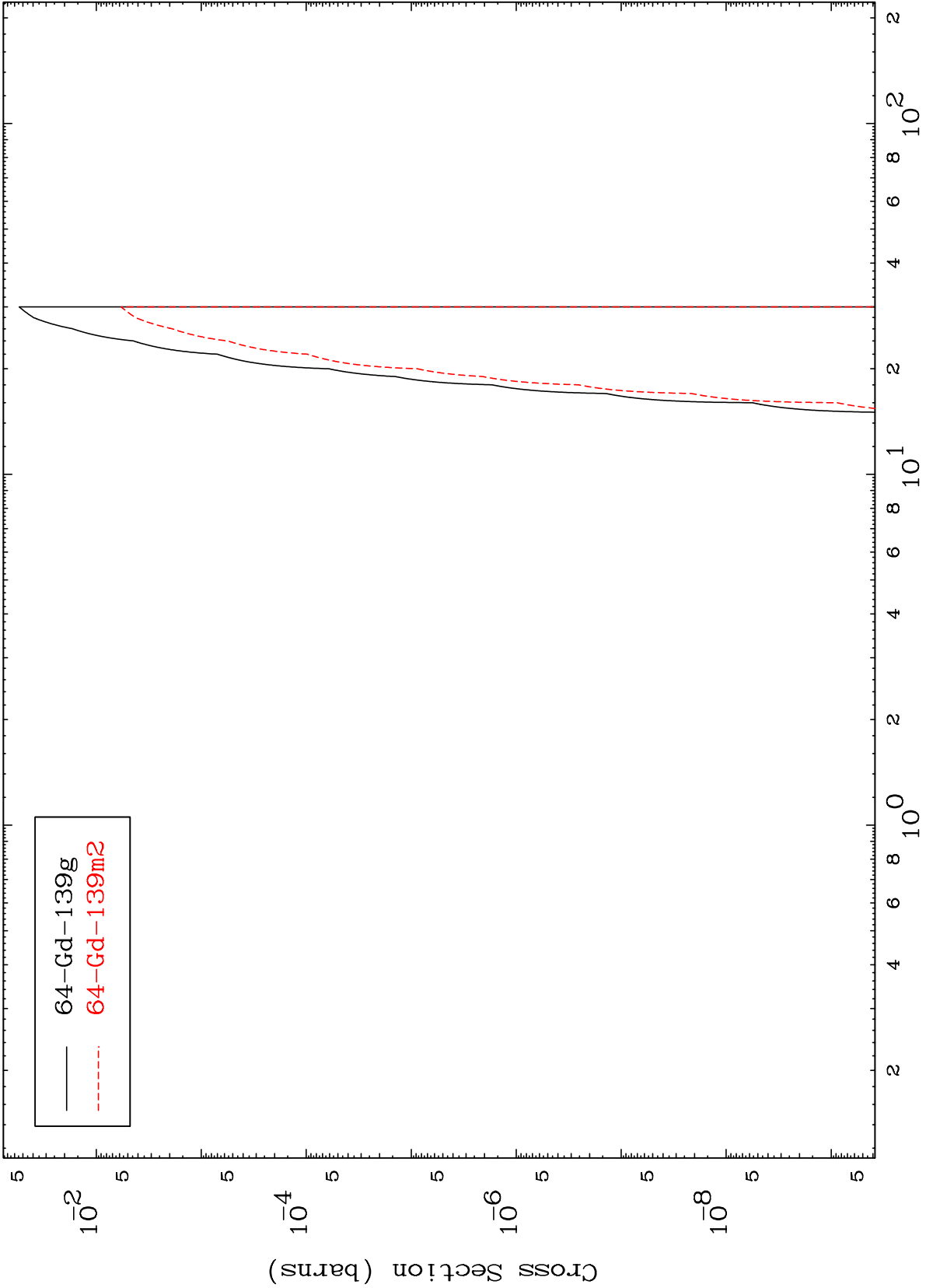
14

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(n,He-3)

64-Gd-139m

Radionuclide Production Cross Section

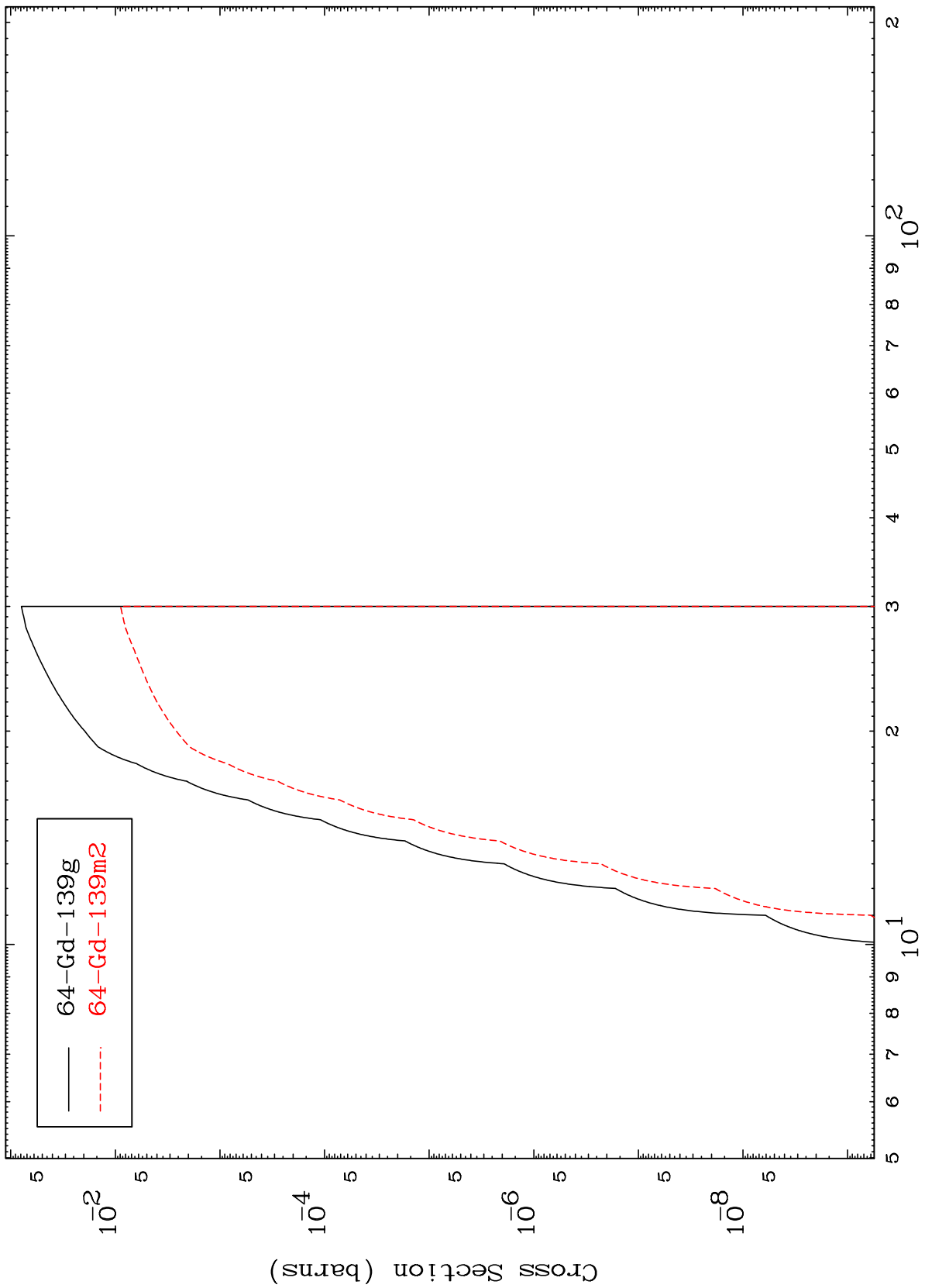


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(n,p) d

64-Gd-139m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

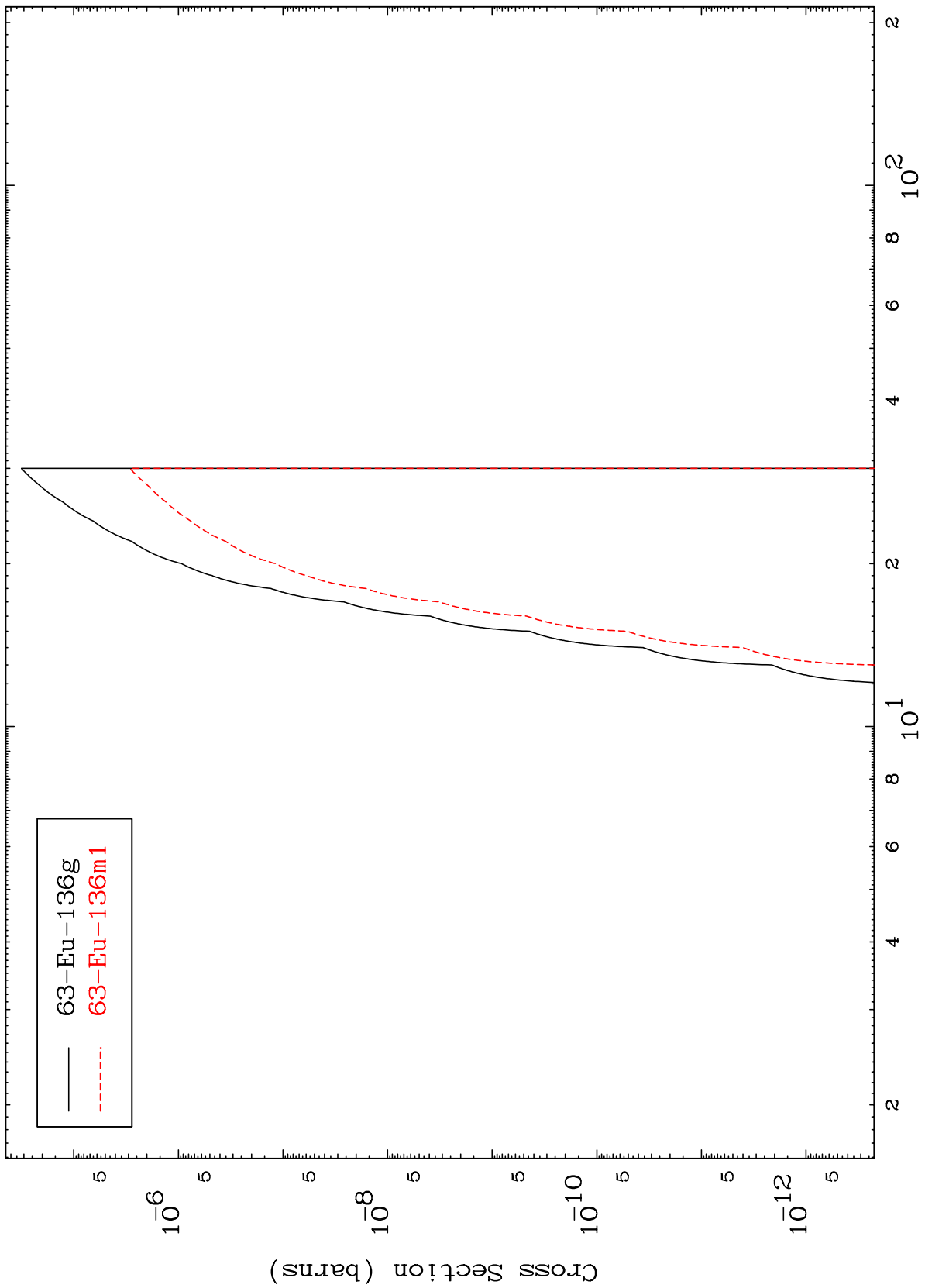
64-Gd-139m

MAT 6387

(n,d) α

64-Gd-139m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-139m