

Program EVALPLOT
(Version 2021-1)

by

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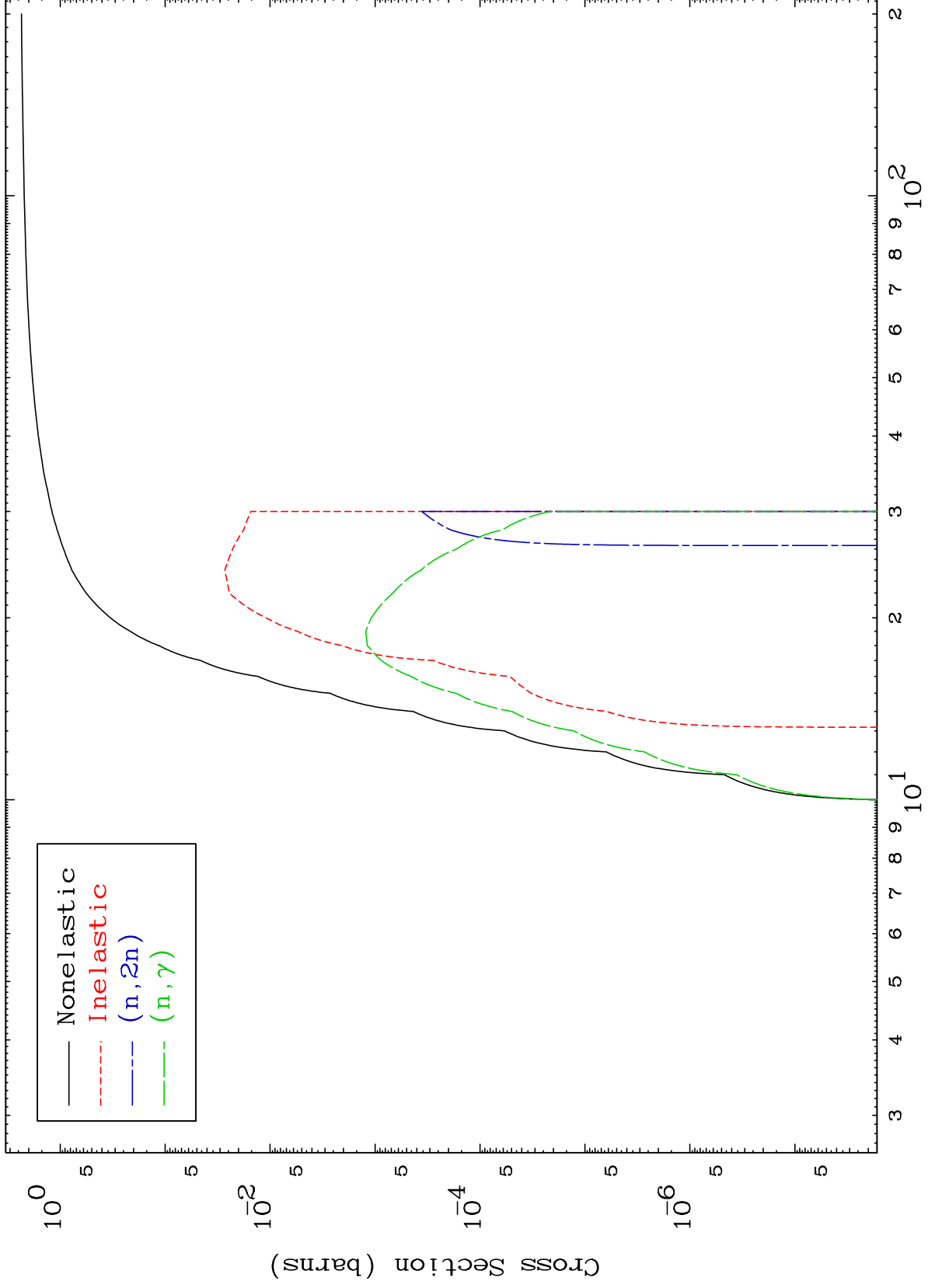
Press Mouse Button to Start

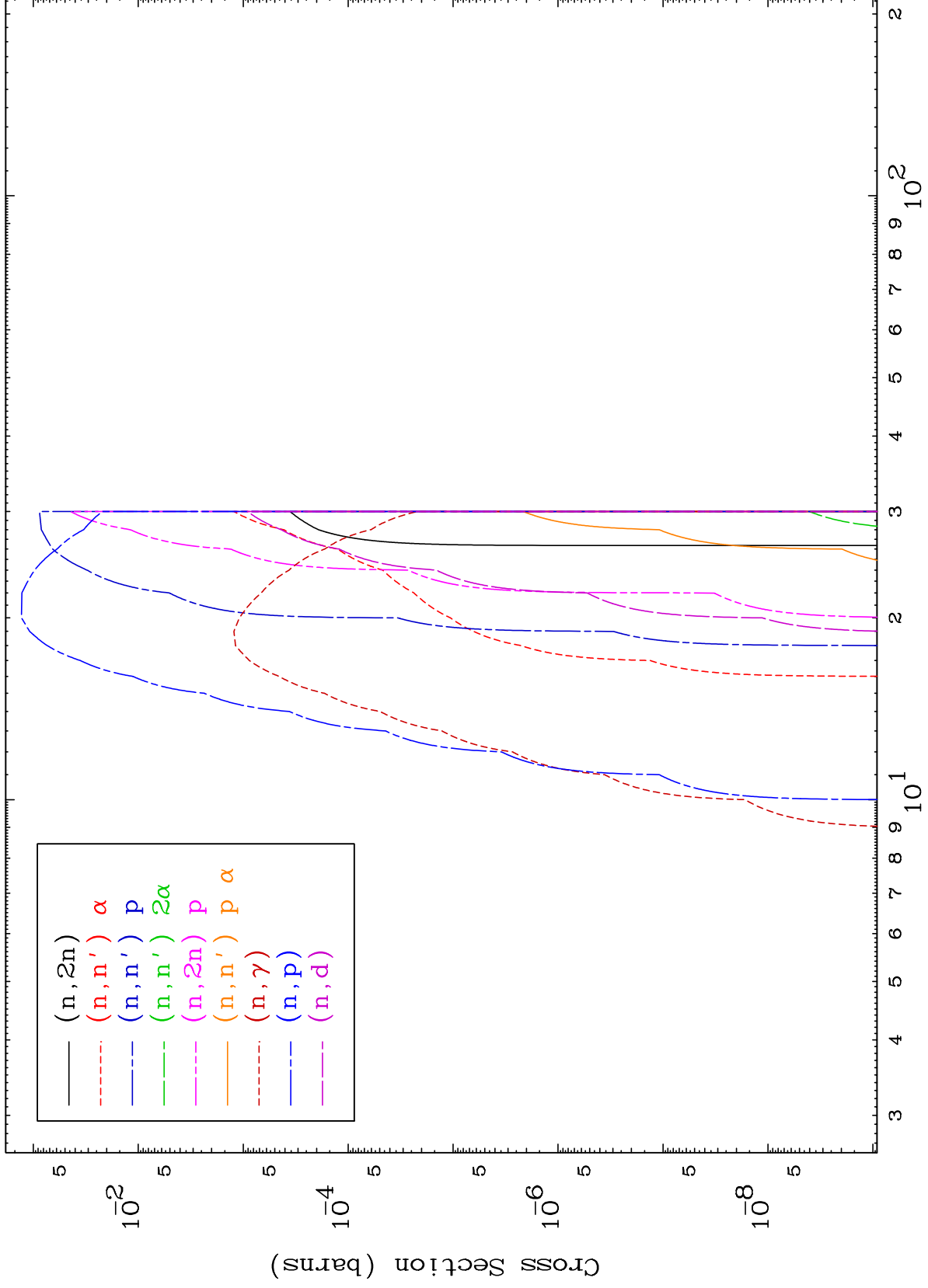
MAT 6387

0 Kelvin Cross Sections

α Major

64-Gd-139m

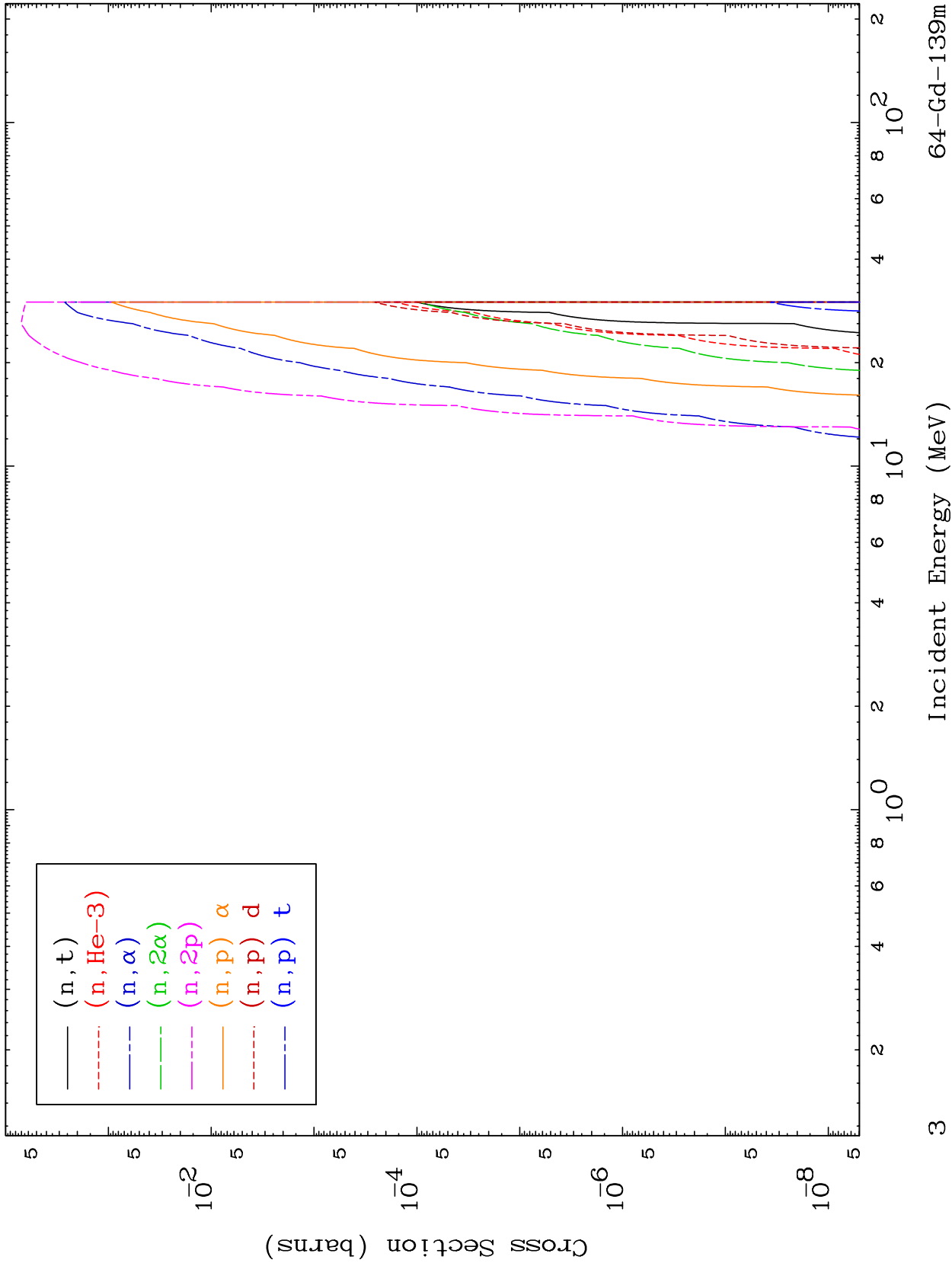




MAT 6387

α Neutron Absorption
0 Kelvin Cross Sections

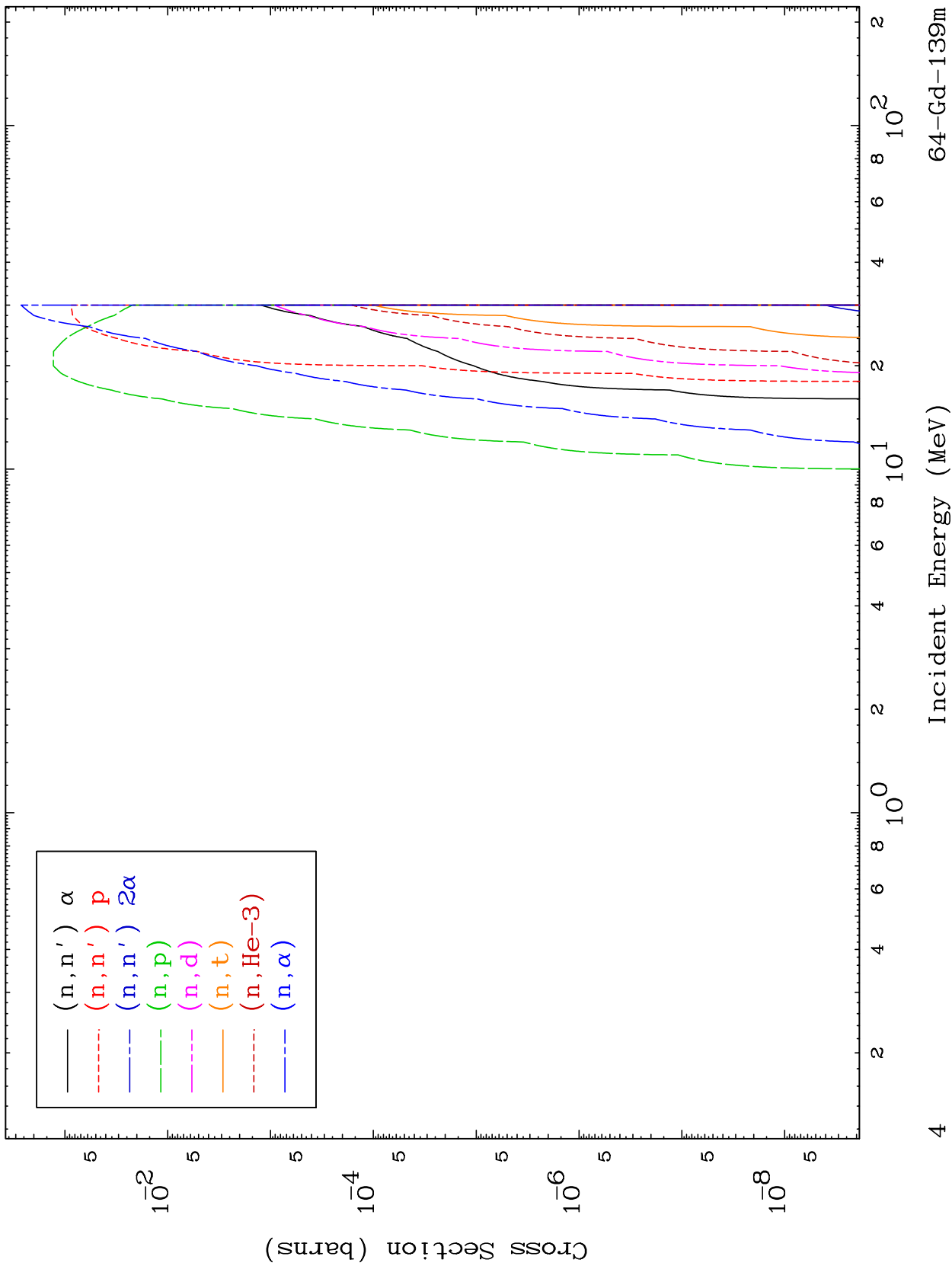
64-Gd-139m



MAT 6387

α Charged Particle
0 Kelvin Cross Sections

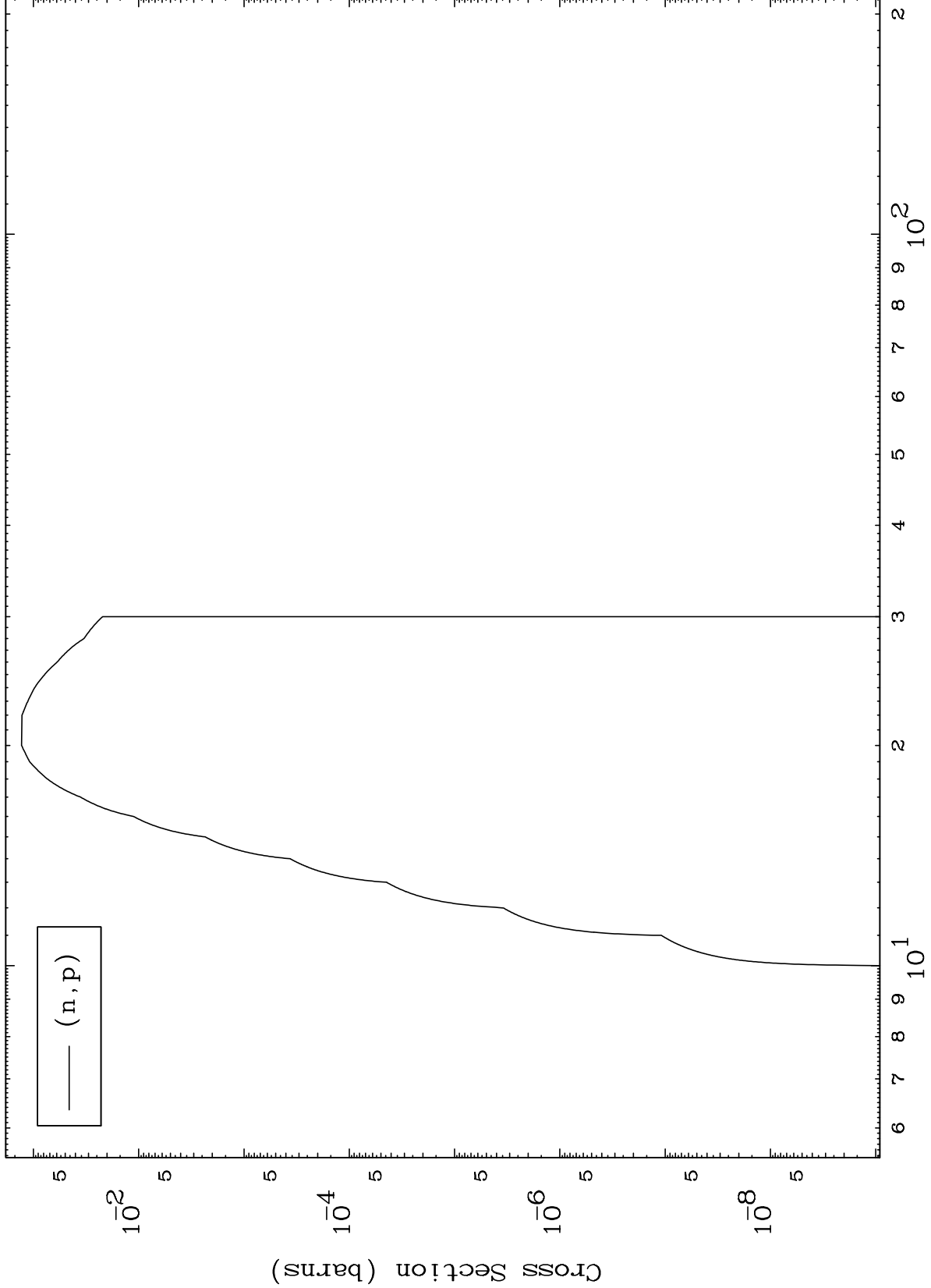
64-Gd-139m



MAT 6387

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-139m



6

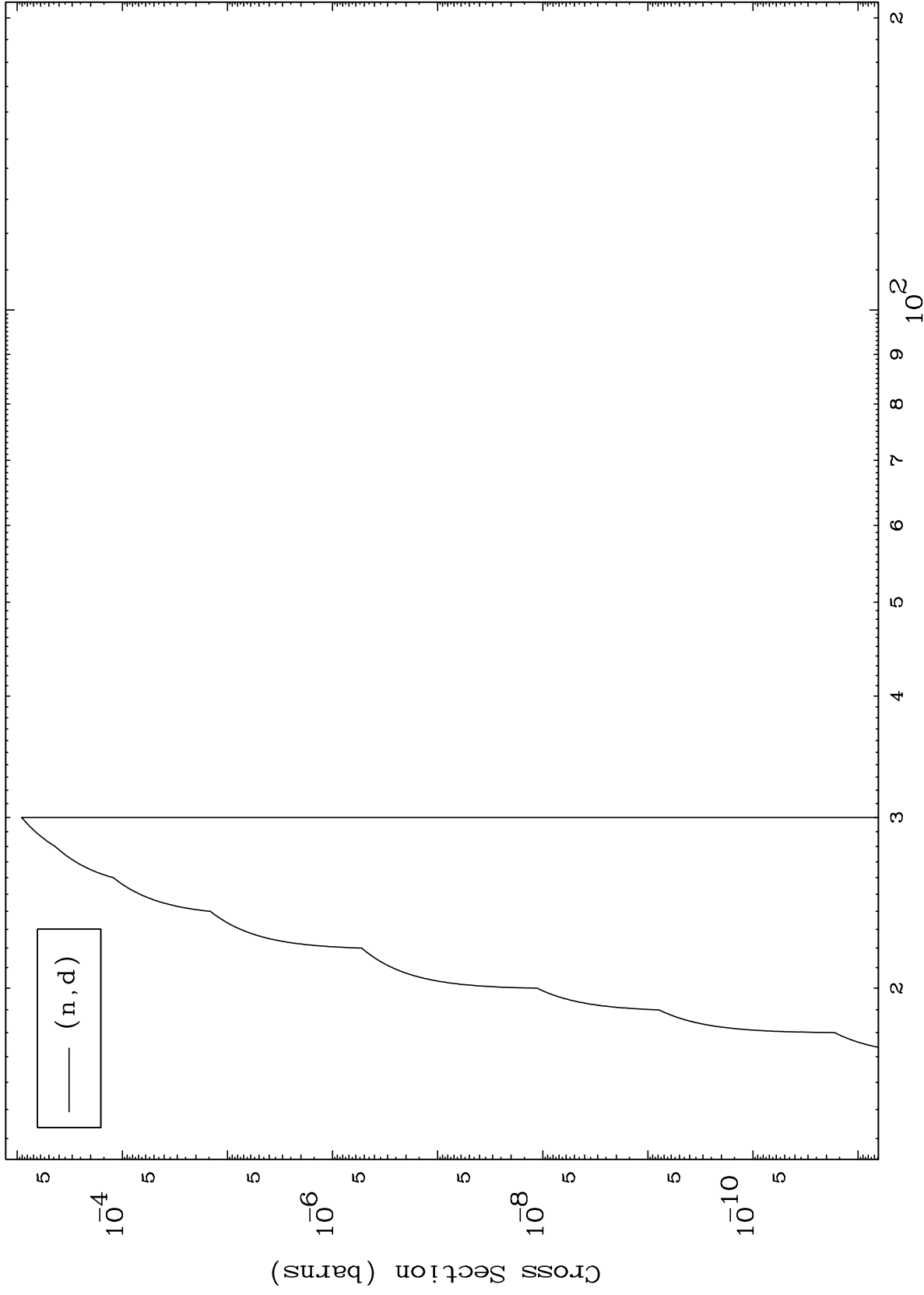
Incident Energy (MeV)

64-Gd-139m

MAT 6387

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-139m



7

Incident Energy (MeV)

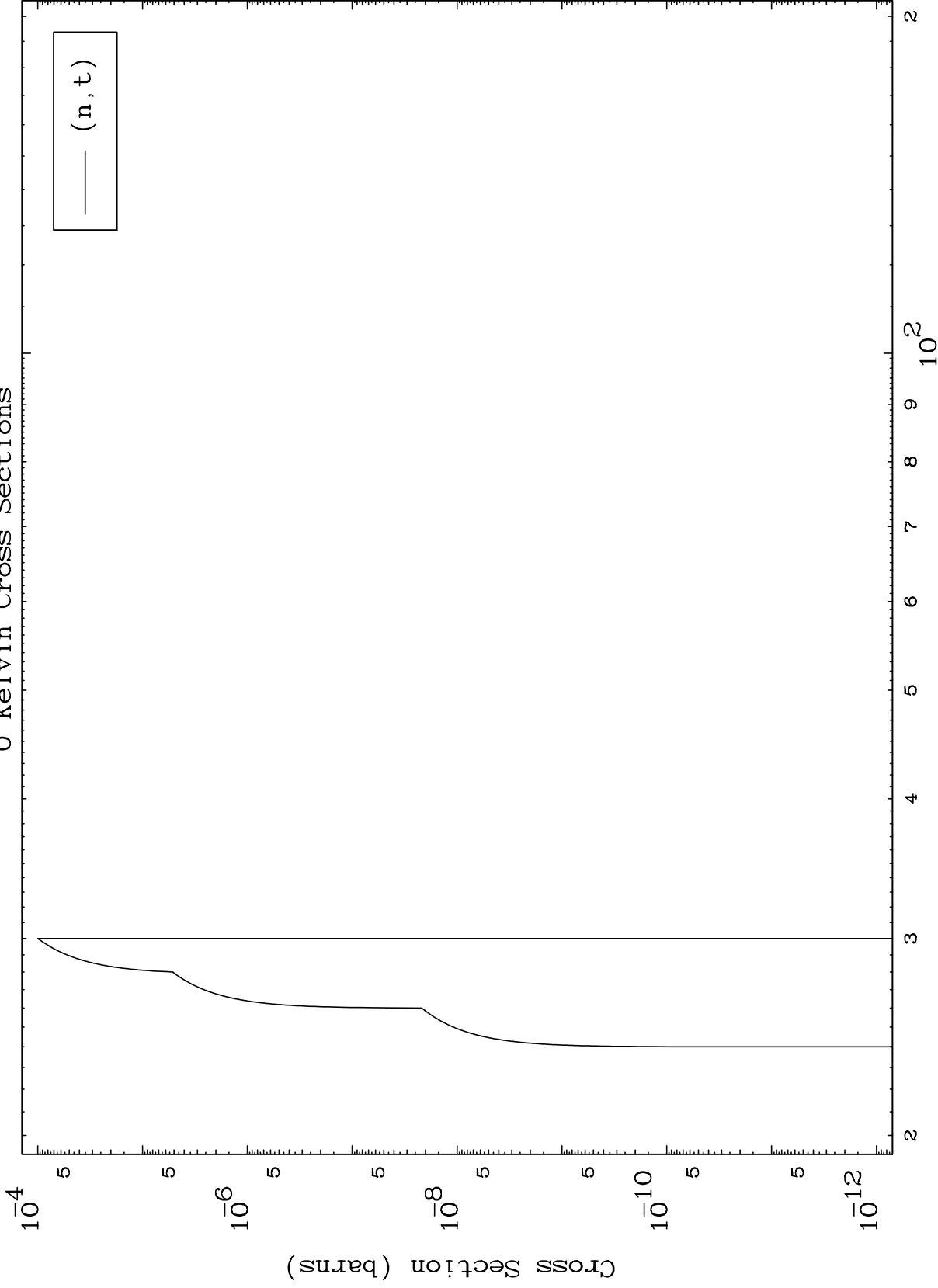
64-Gd-139m

MAT 6387

(α, t) Levels

64-Gd-139m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

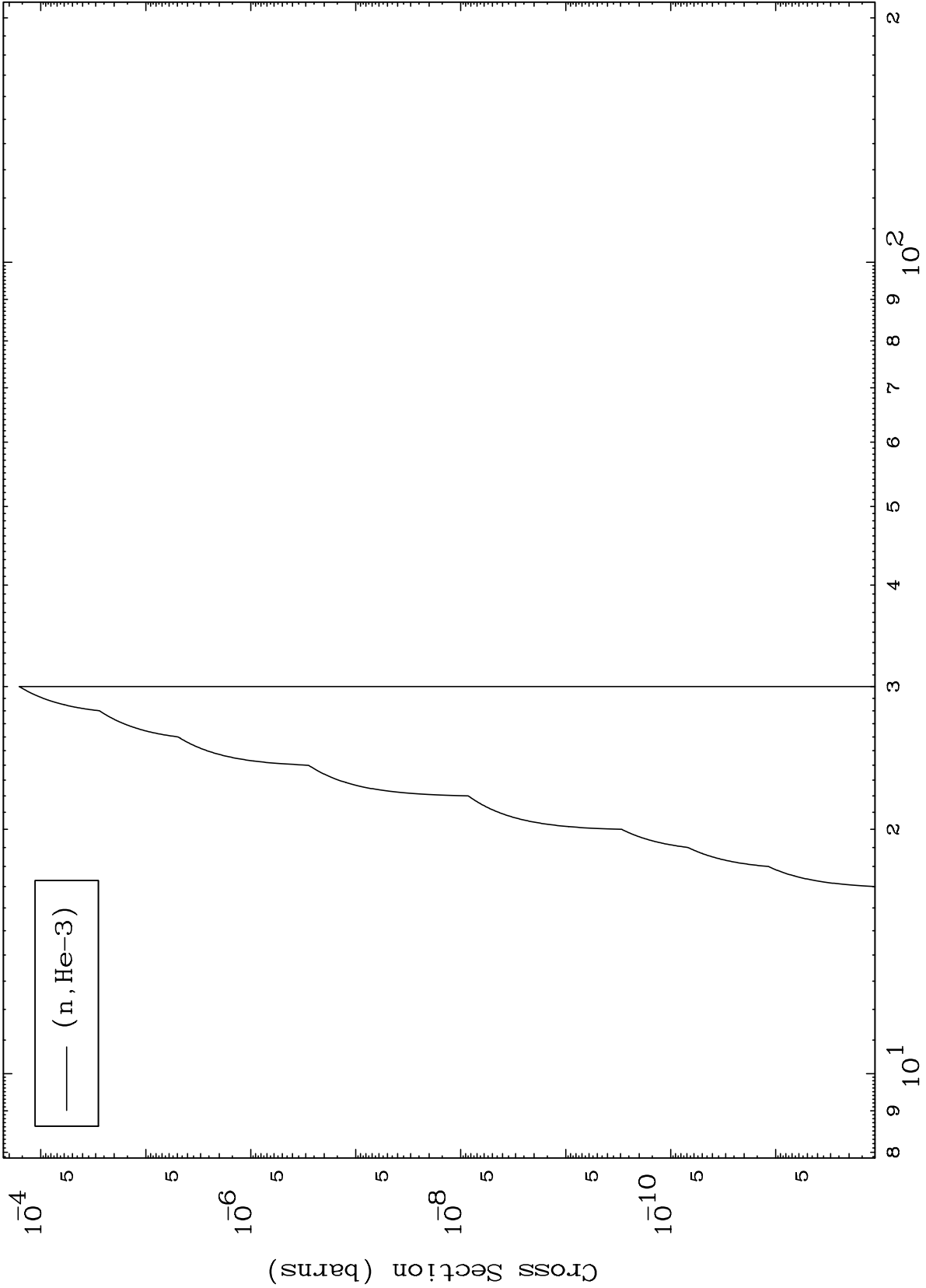
64-Gd-139m

MAT 6387

(α , He3) Levels

64-Gd-139m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

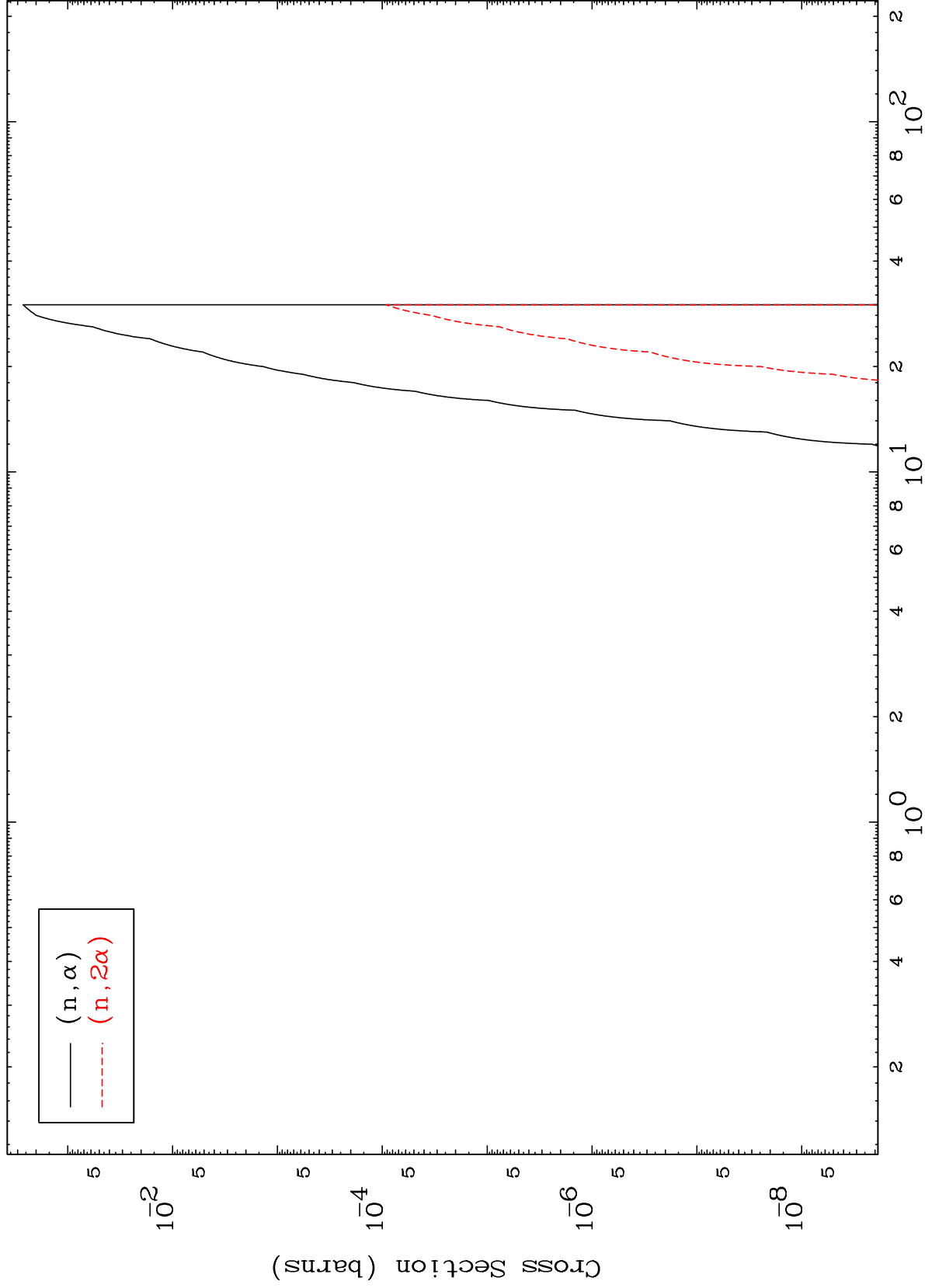
64-Gd-139m

MAT 6387

(α, α) Levels

64-Gd-139m

0 Kelvin Cross Sections



10

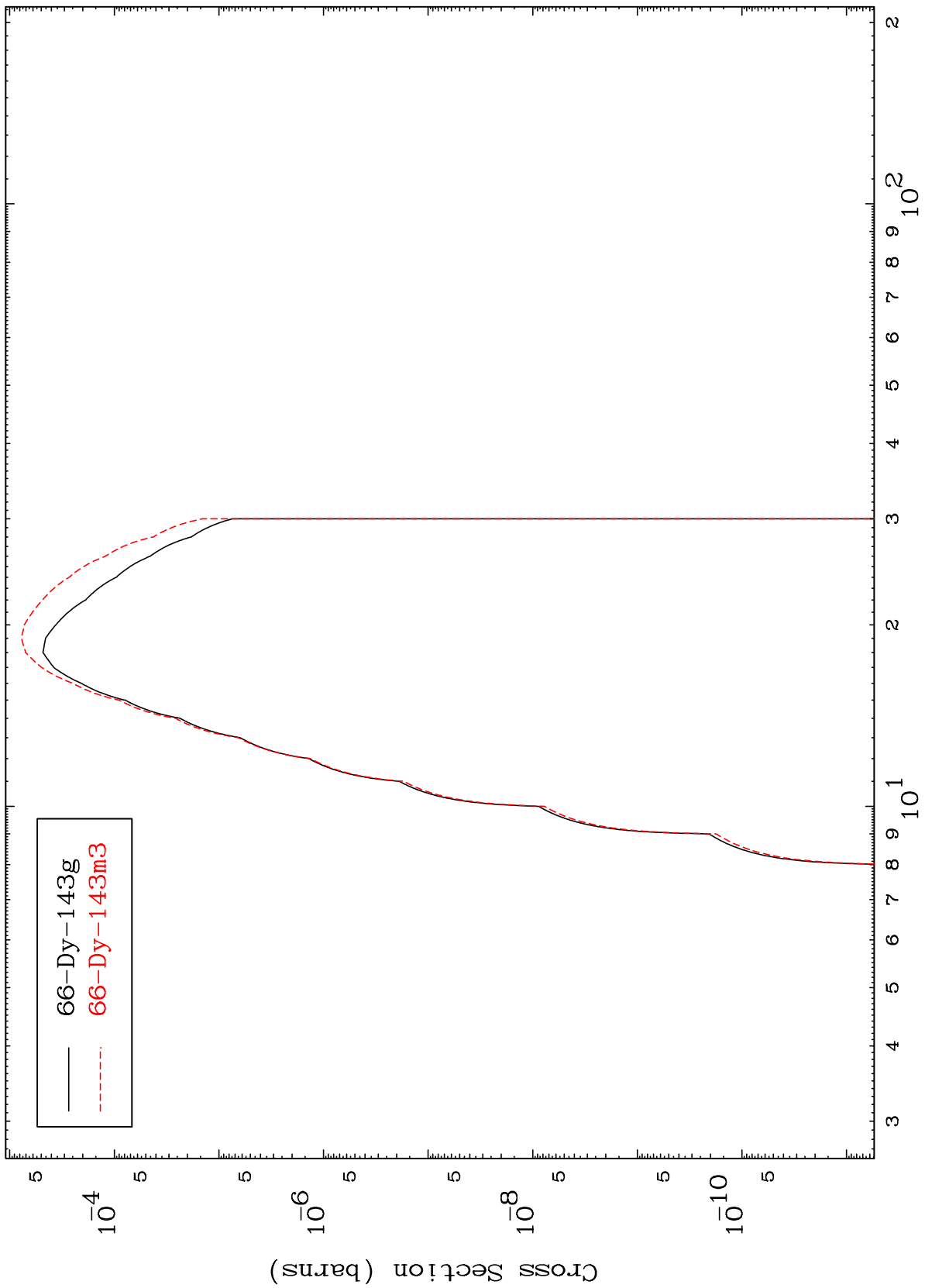
Incident Energy (MeV)

64-Gd-139m

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64-Gd-139m

(n, γ)
Radionuclide Production Cross Section



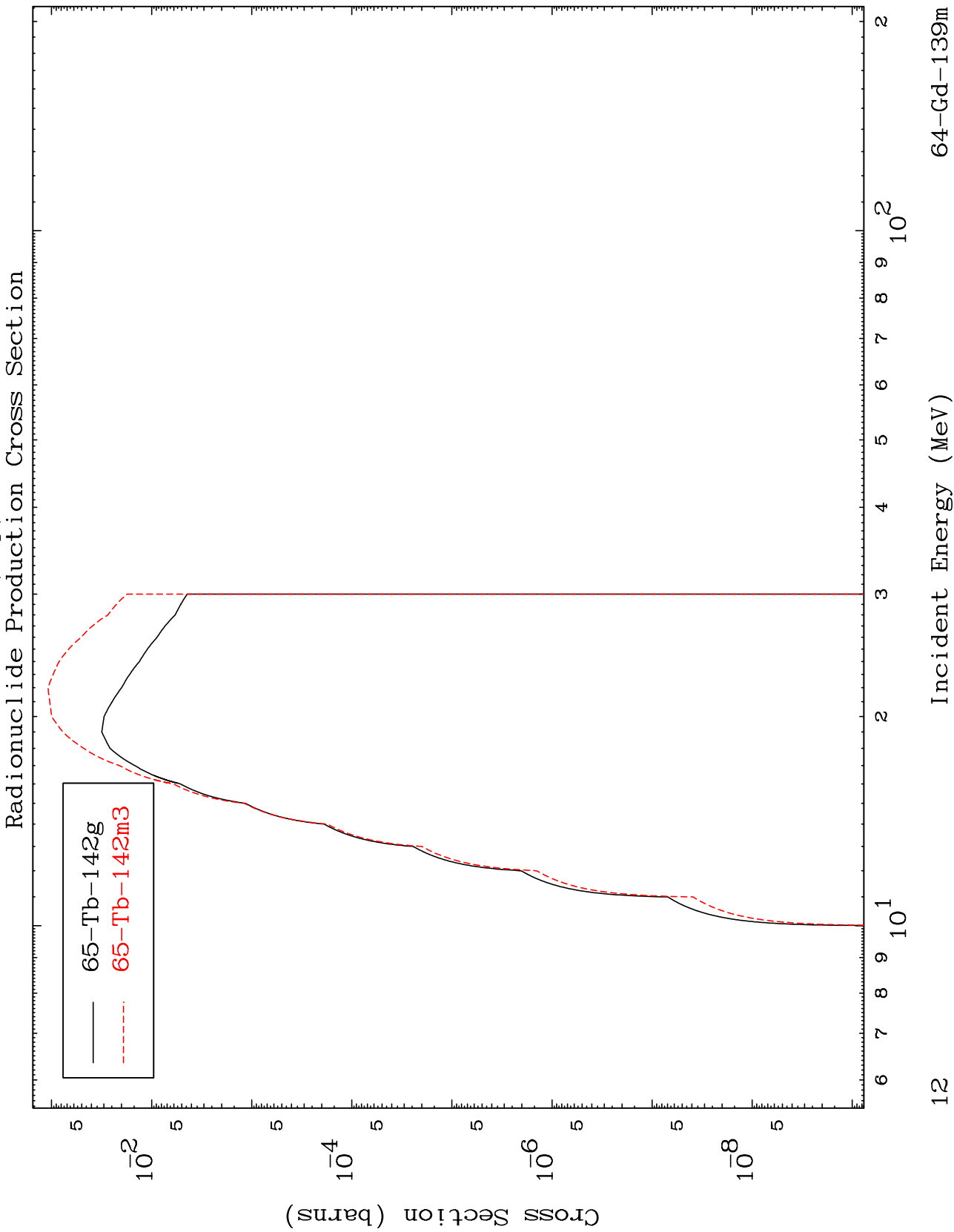
11

64-Gd-139m

Incident Energy (MeV)

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64-Gd-139m

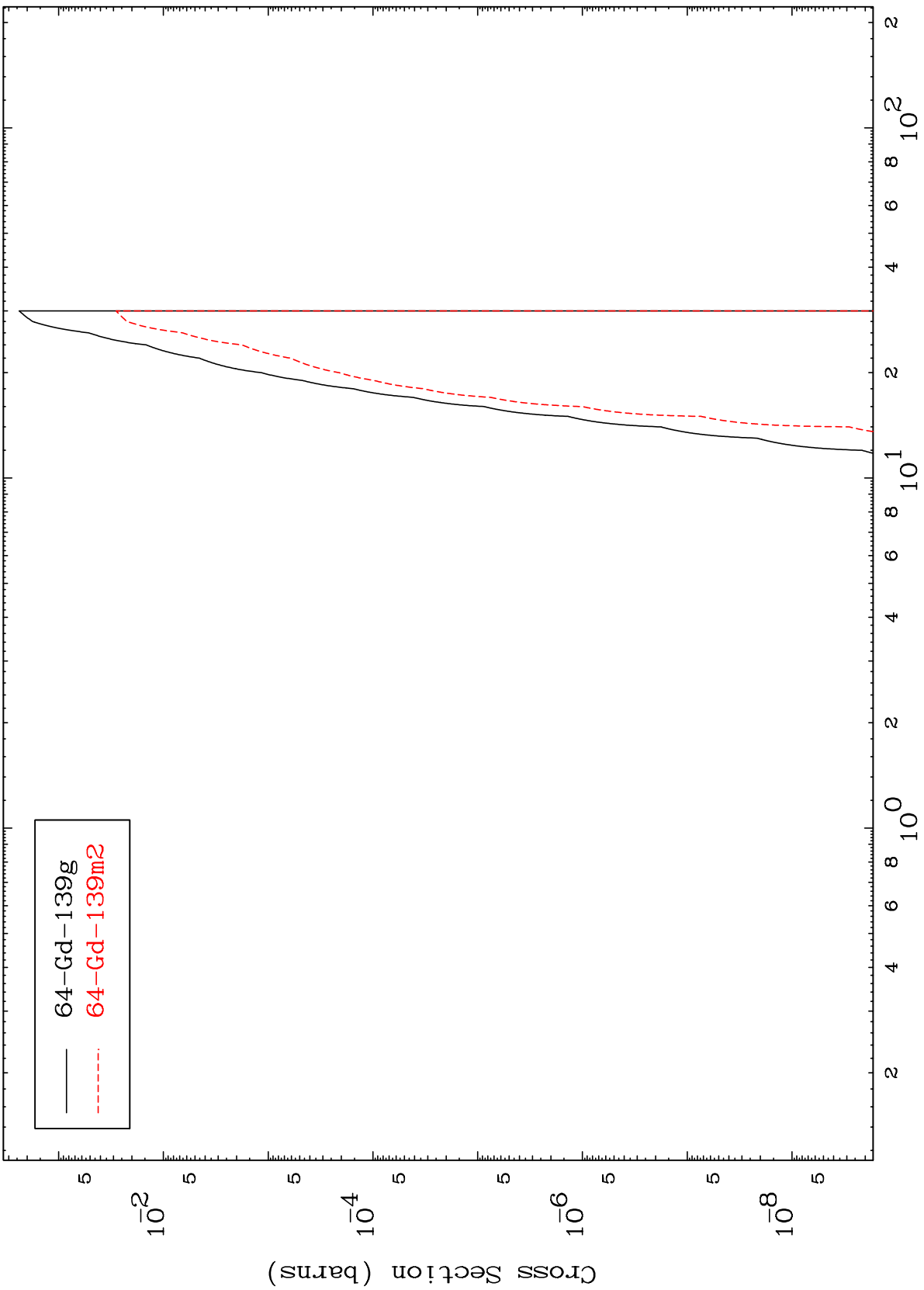


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(n, α)

64-Gd-139m

Radionuclide Production Cross Section

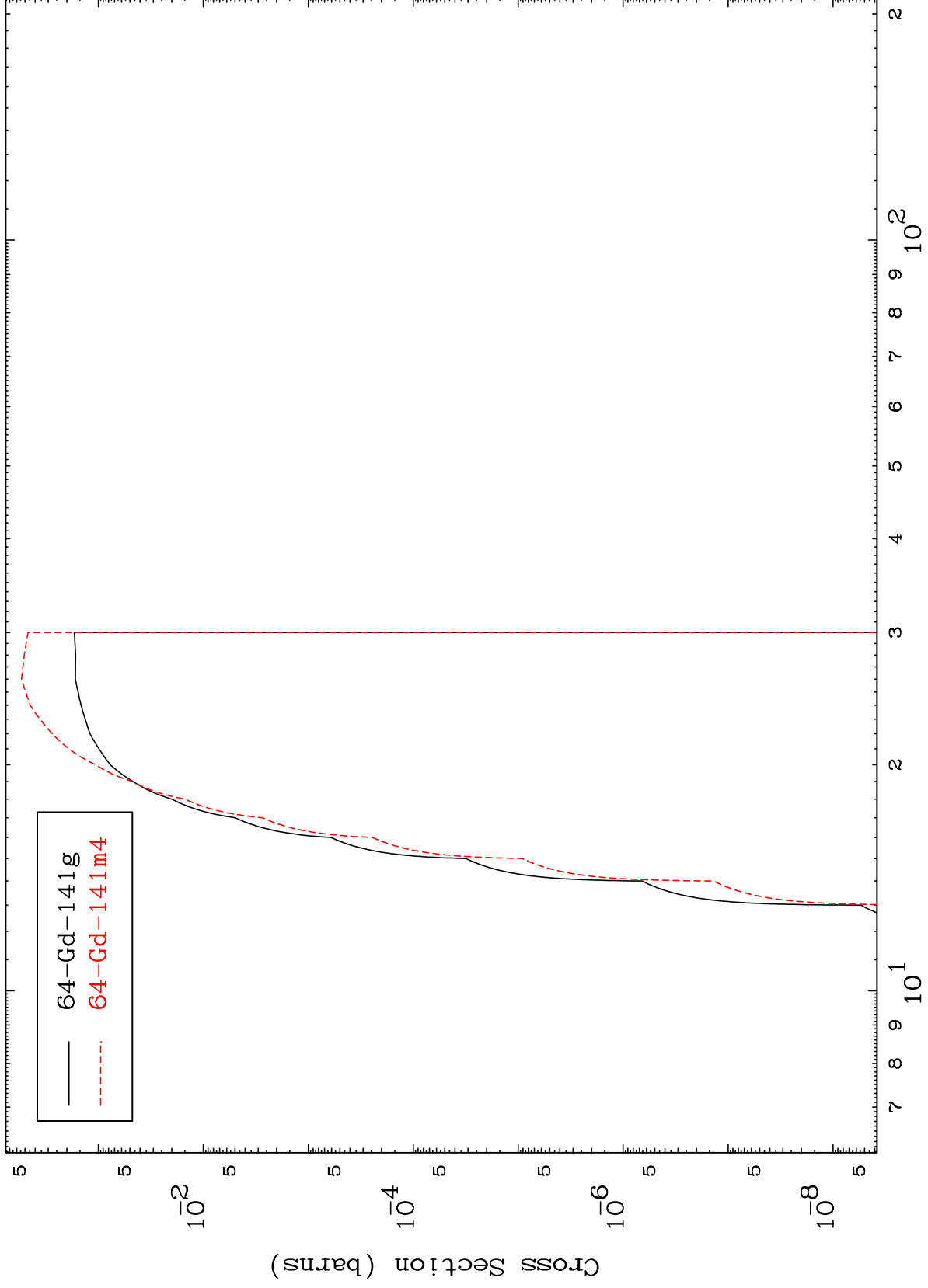


64-Gd-139g
64-Gd-139m2

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64-Gd-139m

Radionuclide Production Cross Section
(n,2p)



14

Incident Energy (MeV)

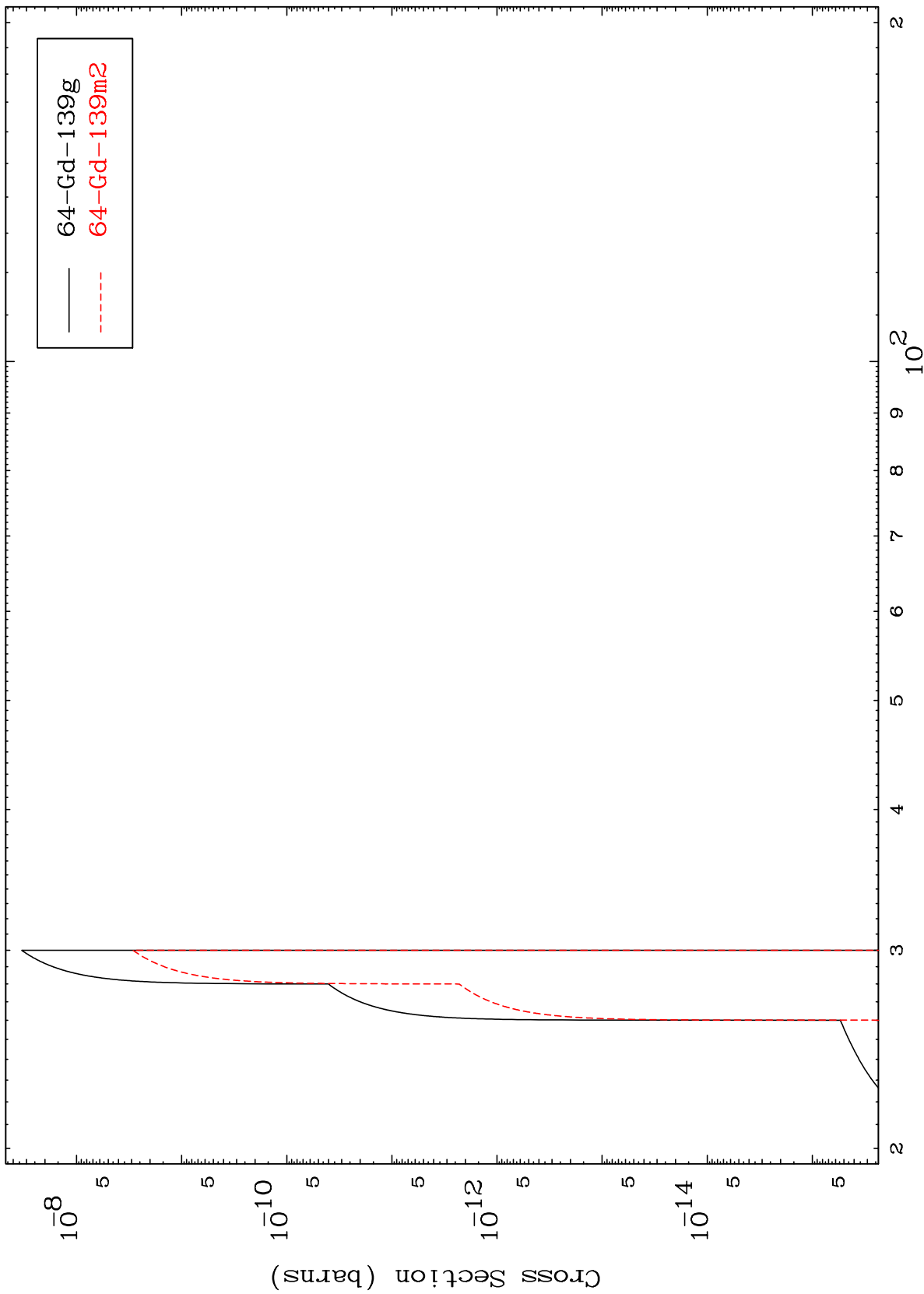
64-Gd-139m

MAT 6387

(n,p) t

64-Gd-139m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-139m