

Program EVALPLOT
(Version 2021-1)

by

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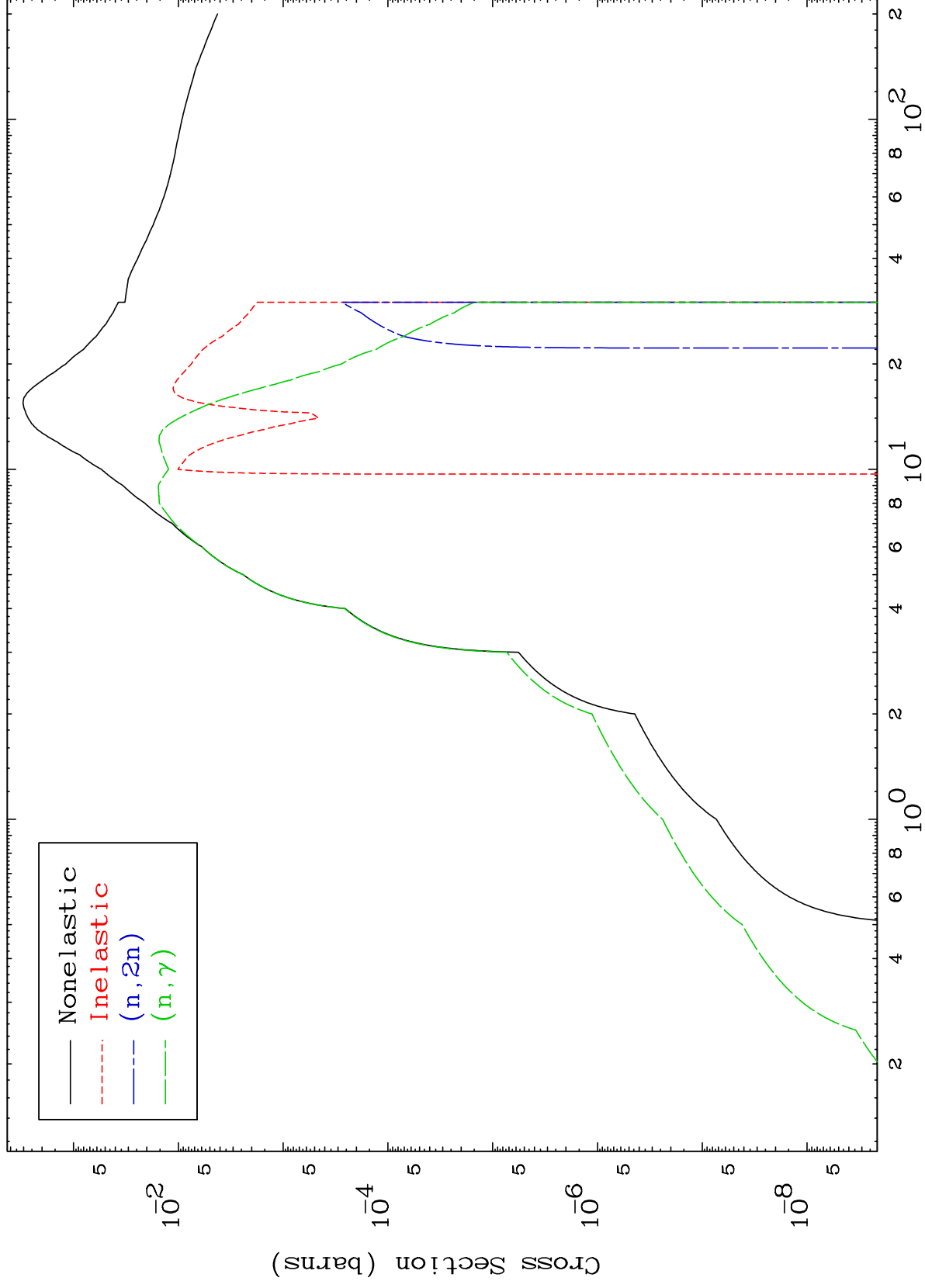
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6387

Photon Major
0 Kelvin Cross Sections

64-Gd-139m



1

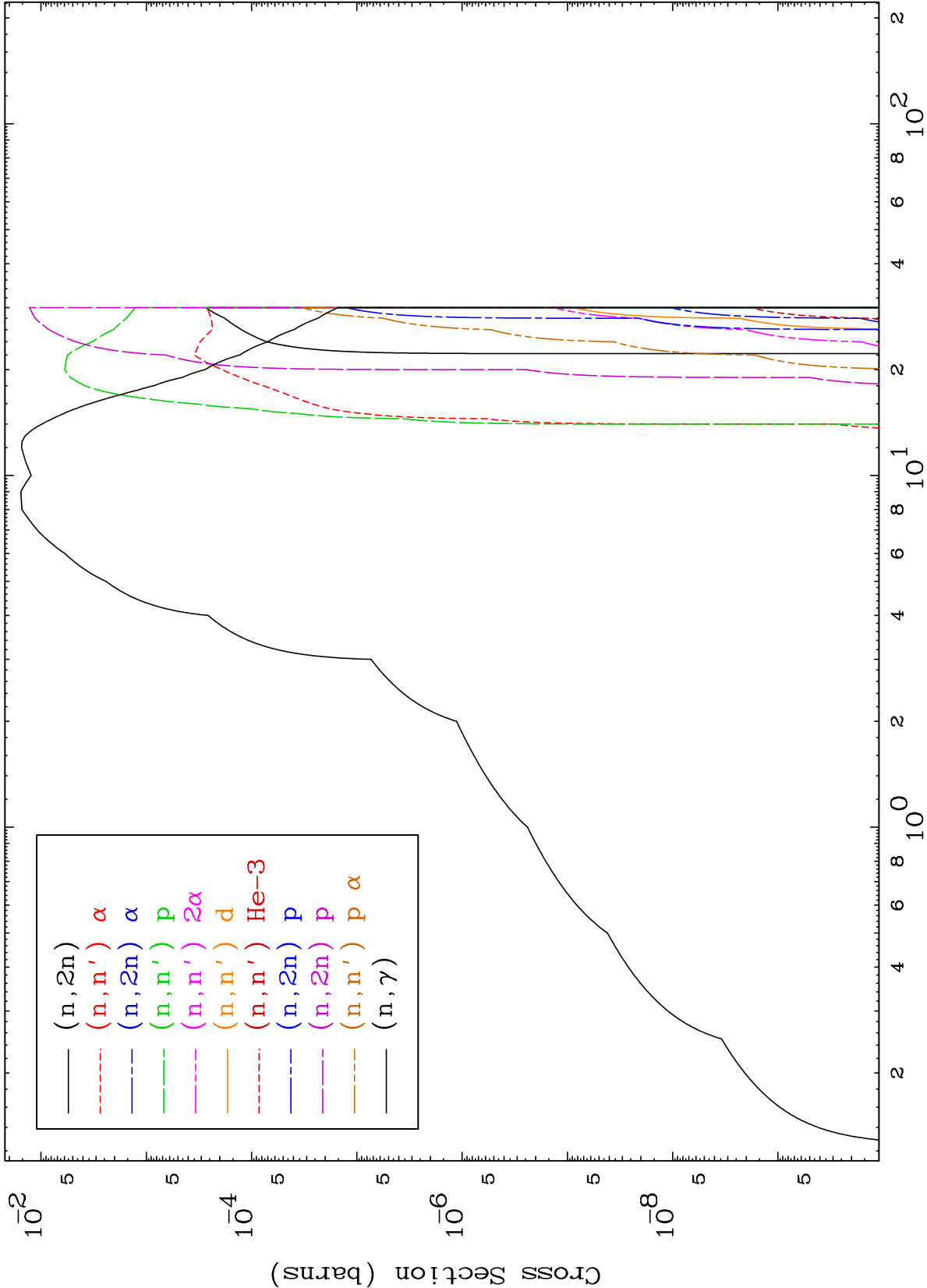
Incident Energy (MeV)

64-Gd-139m

MAT 6387

Photon Neutron Absorption
0 Kelvin Cross Sections

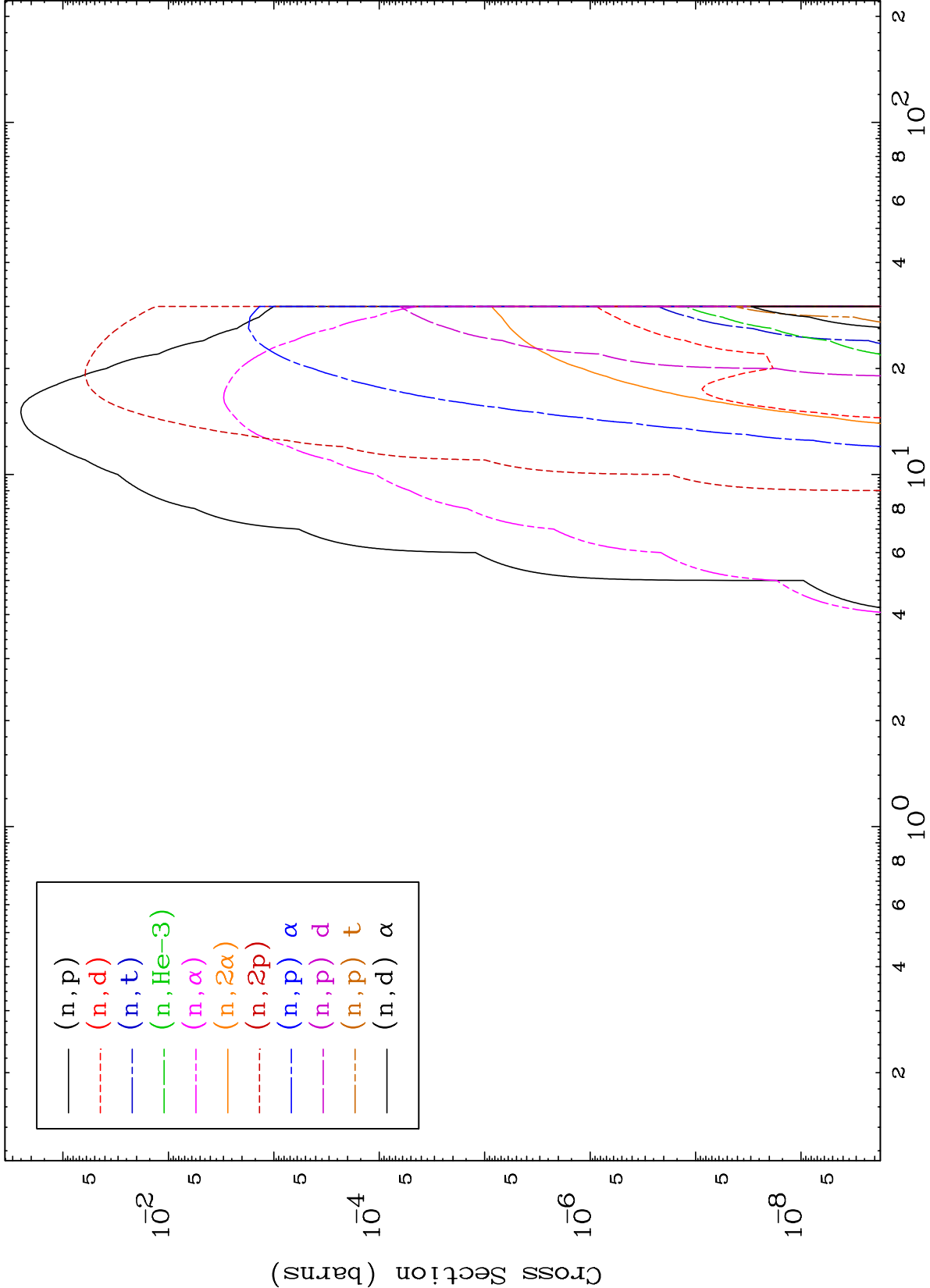
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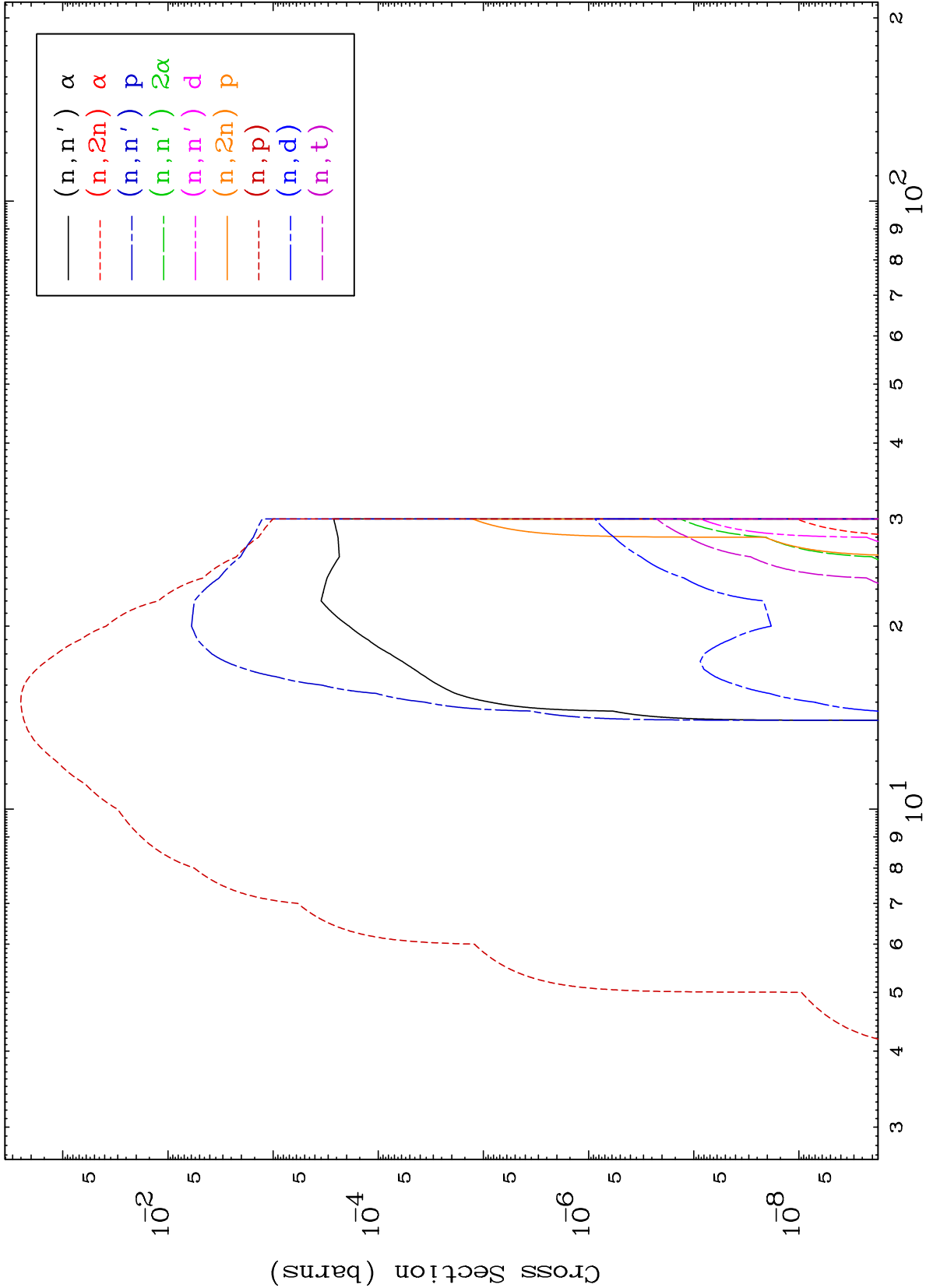


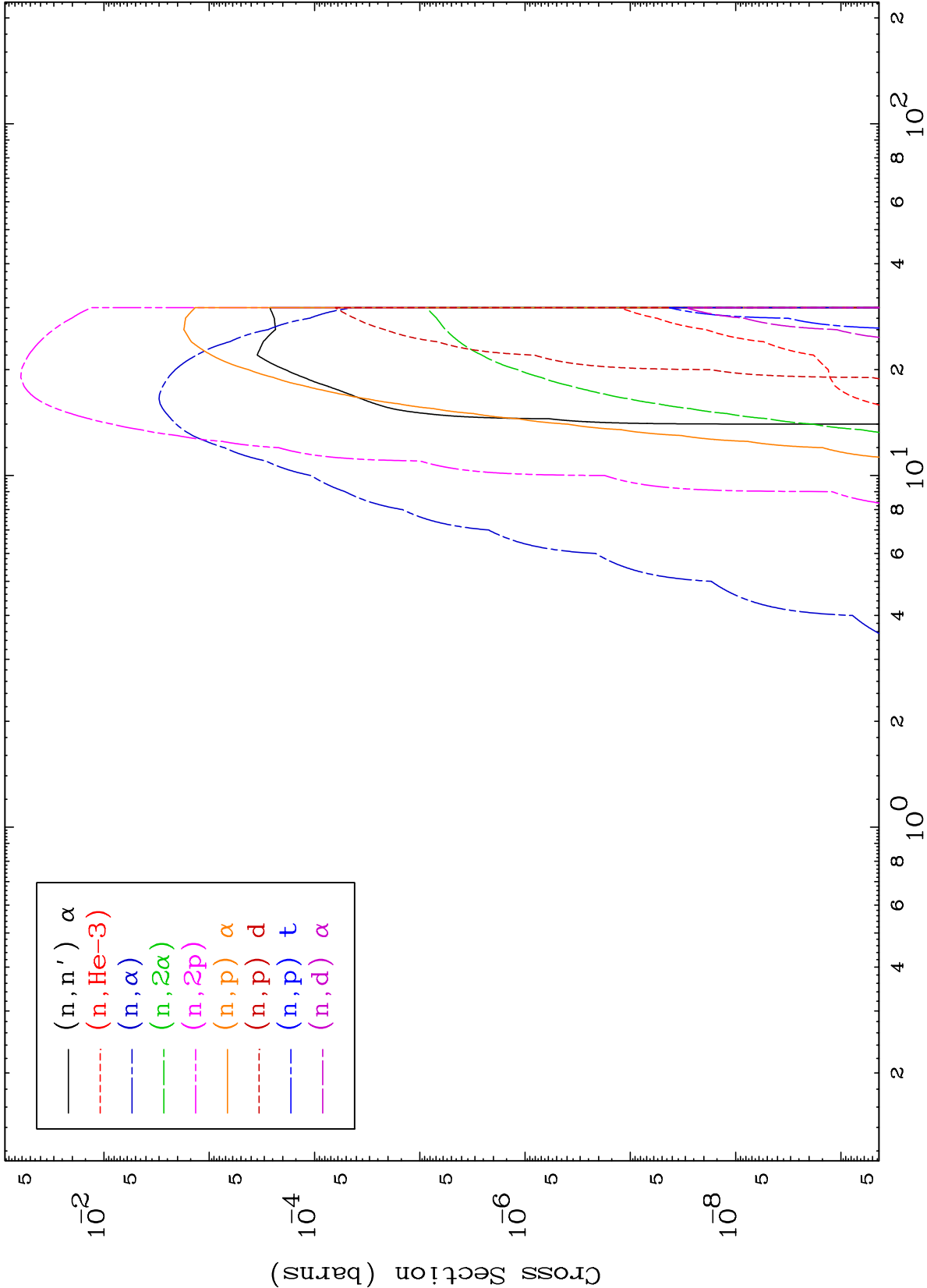
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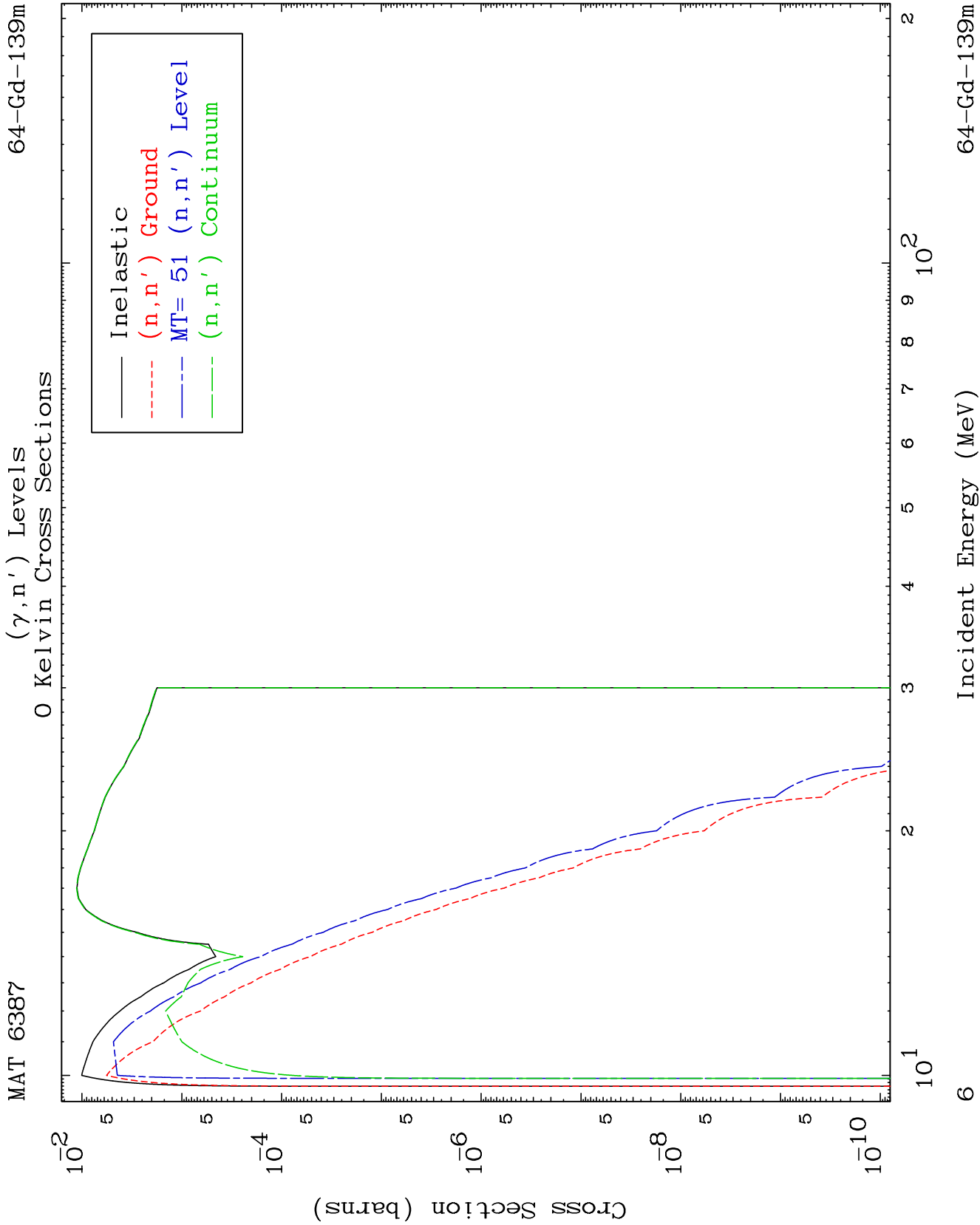
Incident Energy (MeV)

64-Gd-139m





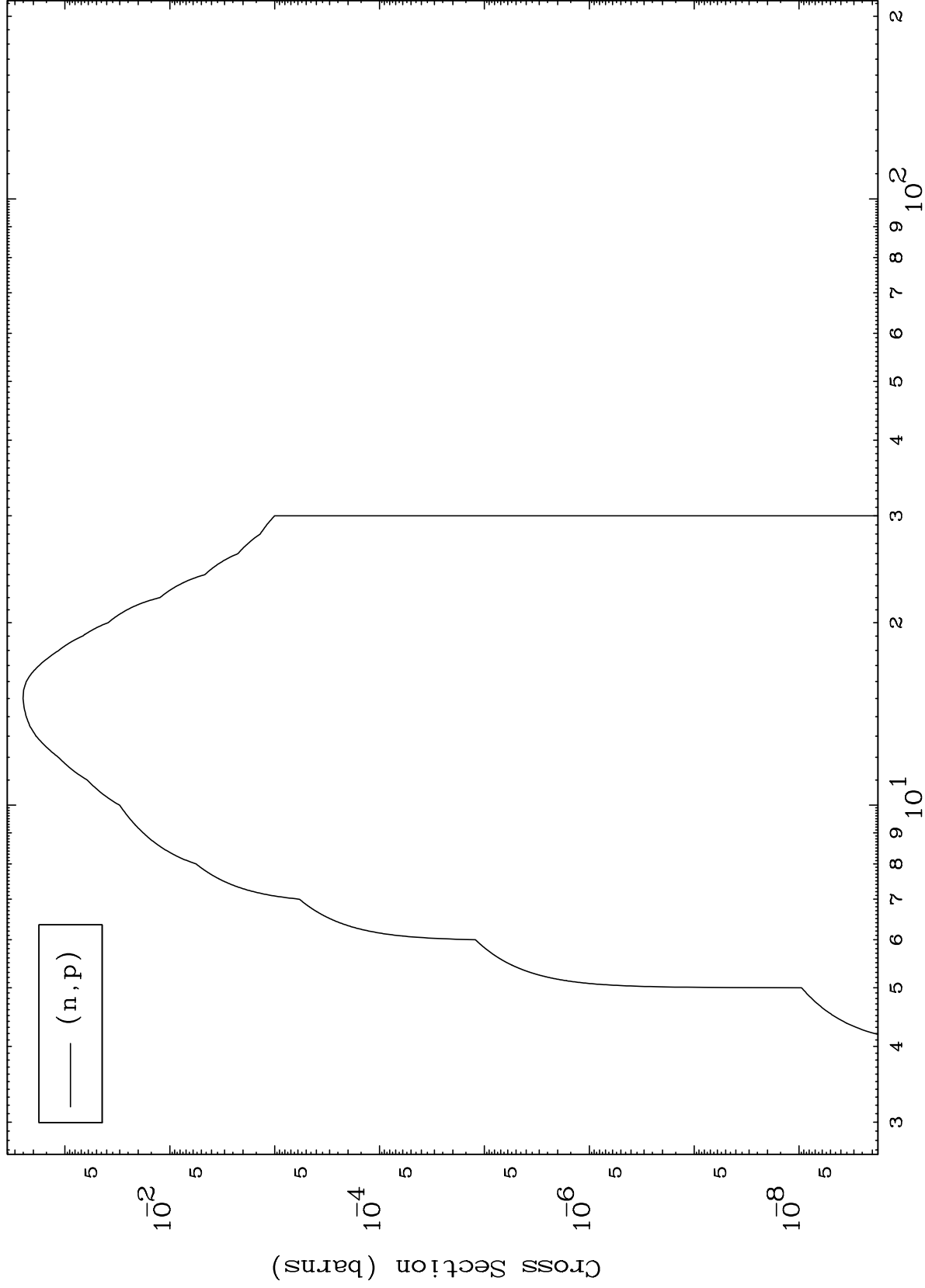




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64-Gd-139m

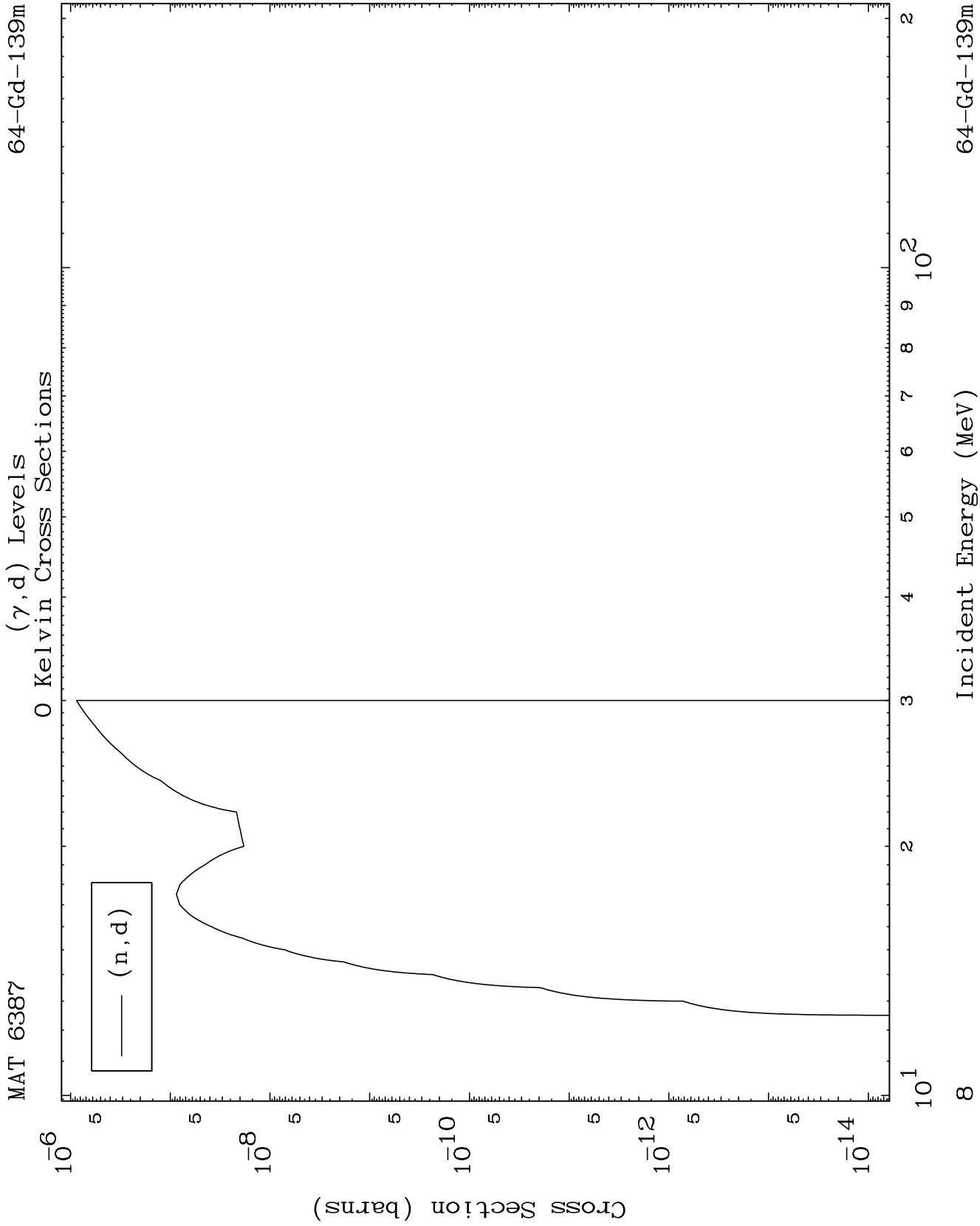
(γ, p) Levels
0 Kelvin Cross Sections

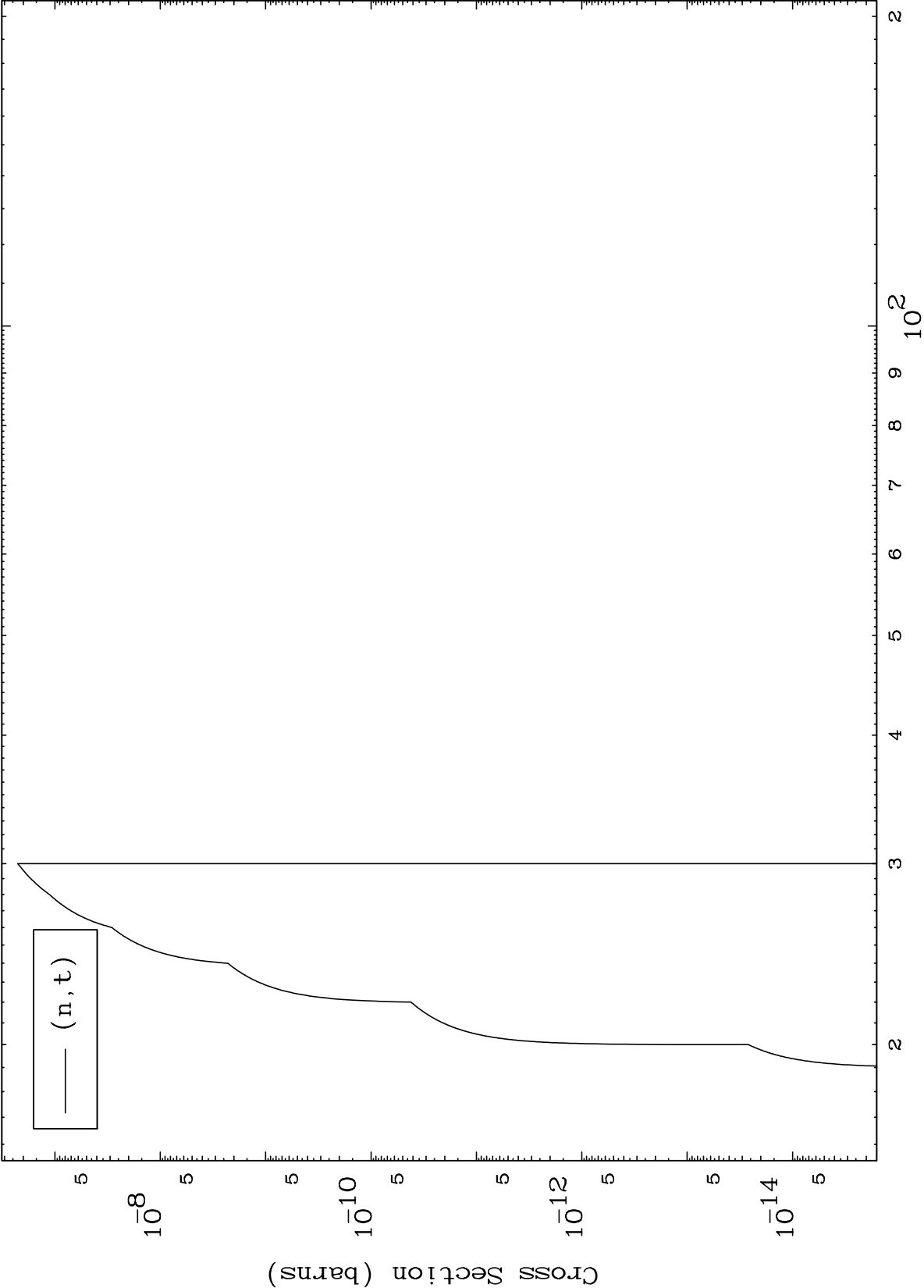


7

Incident Energy (MeV)

64-Gd-139m



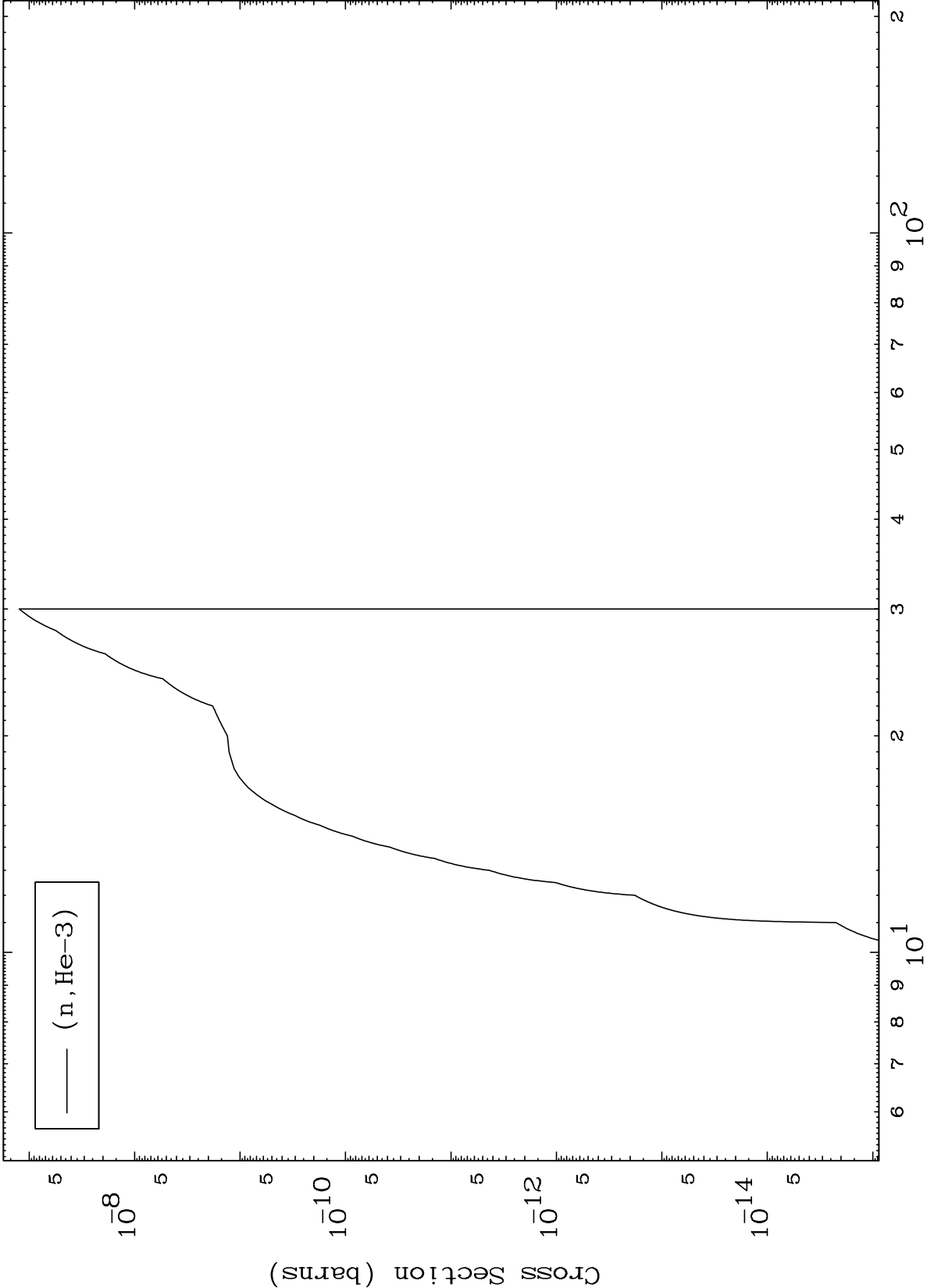


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(γ ,He3) Levels

64-Gd-139m

0 Kelvin Cross Sections



10

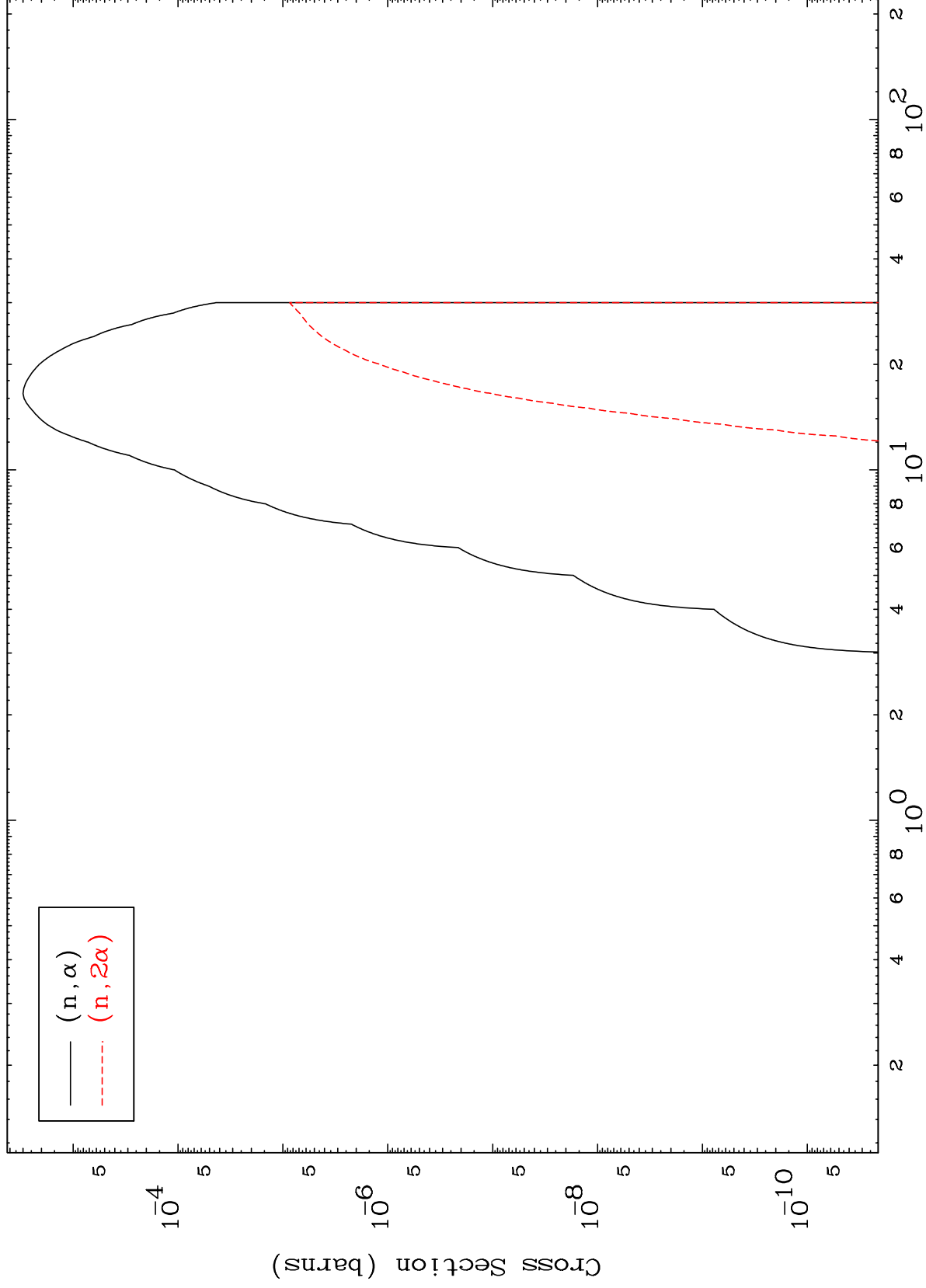
Incident Energy (MeV)

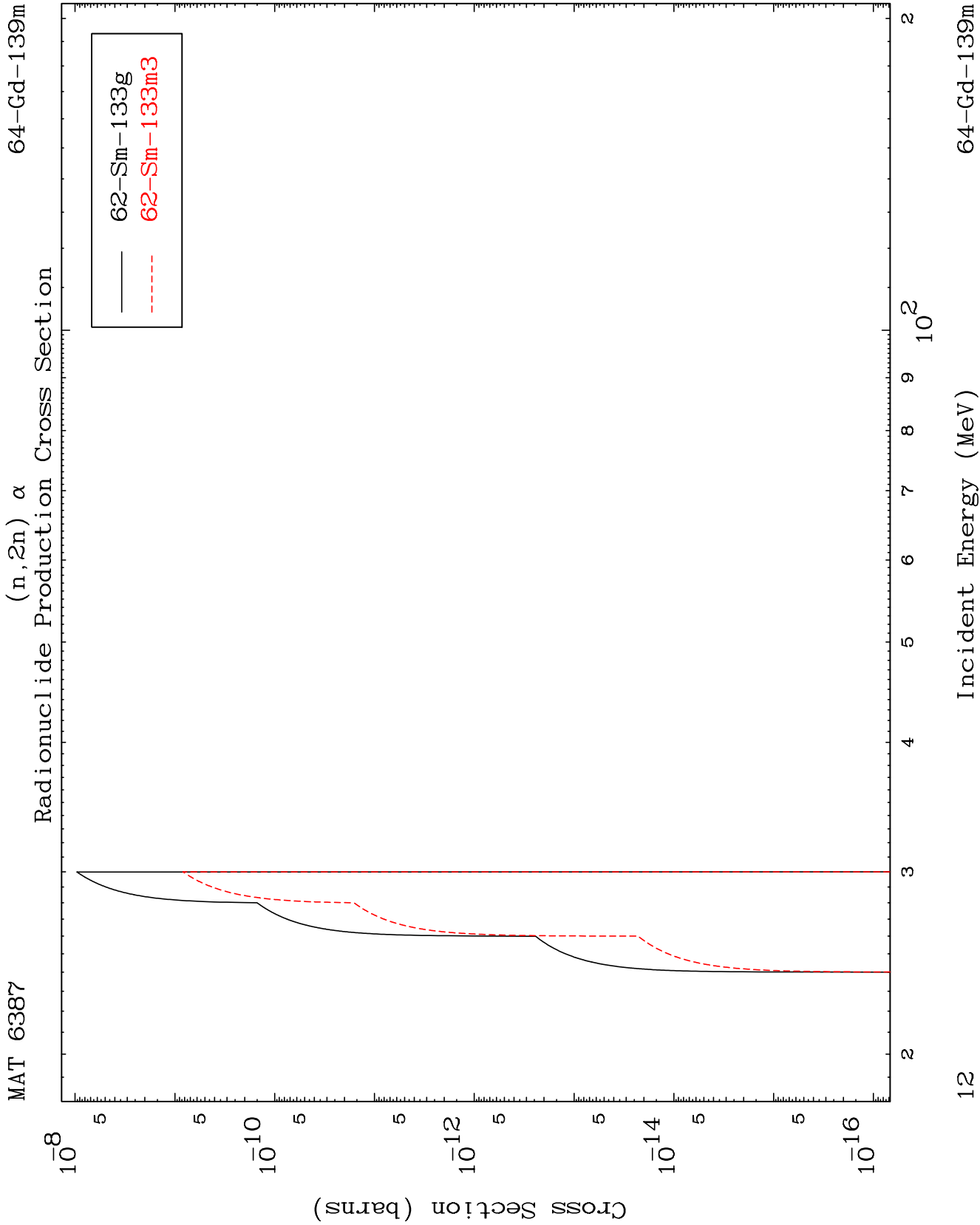
64-Gd-139m

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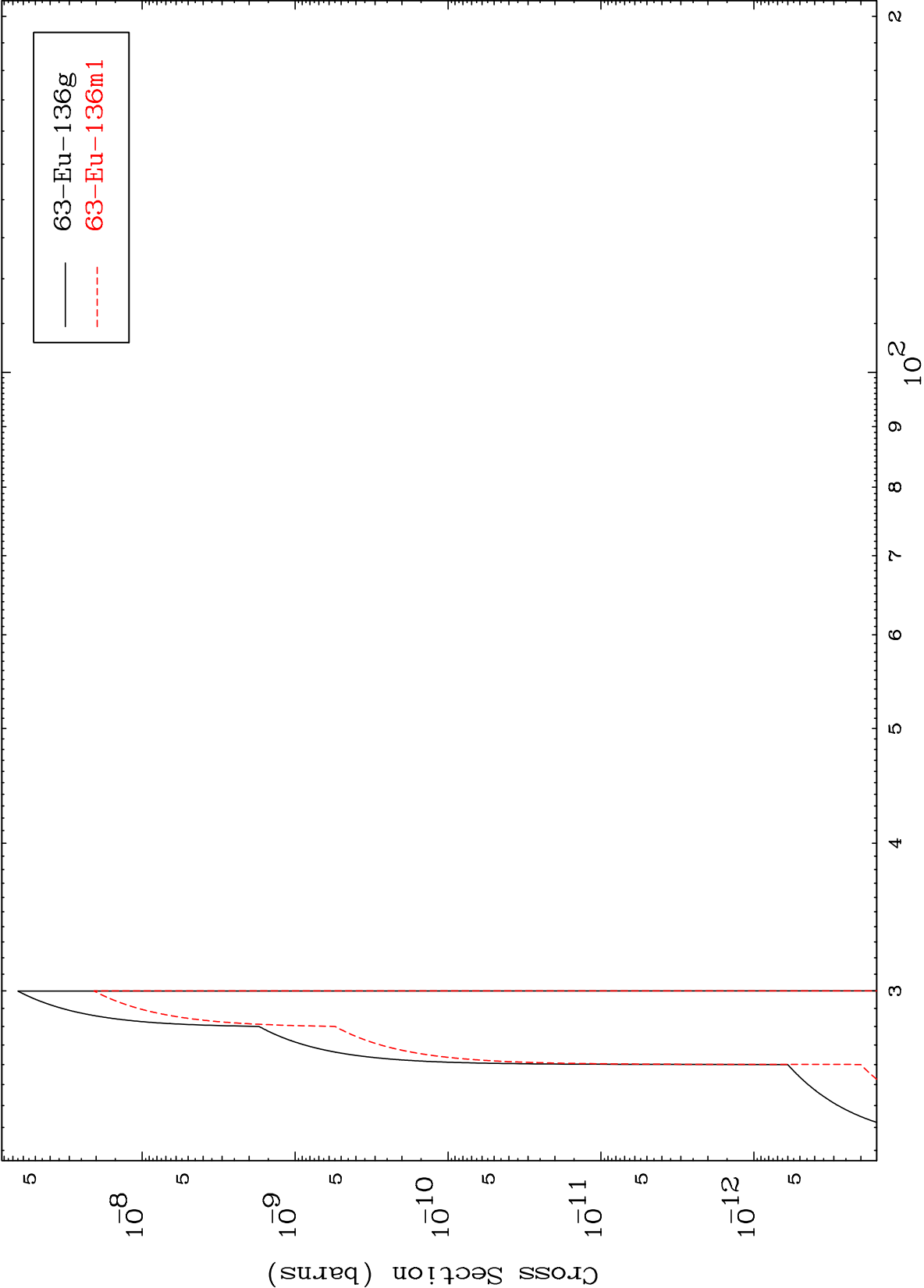
64-Gd-139m

(γ, α) Levels
0 Kelvin Cross Sections





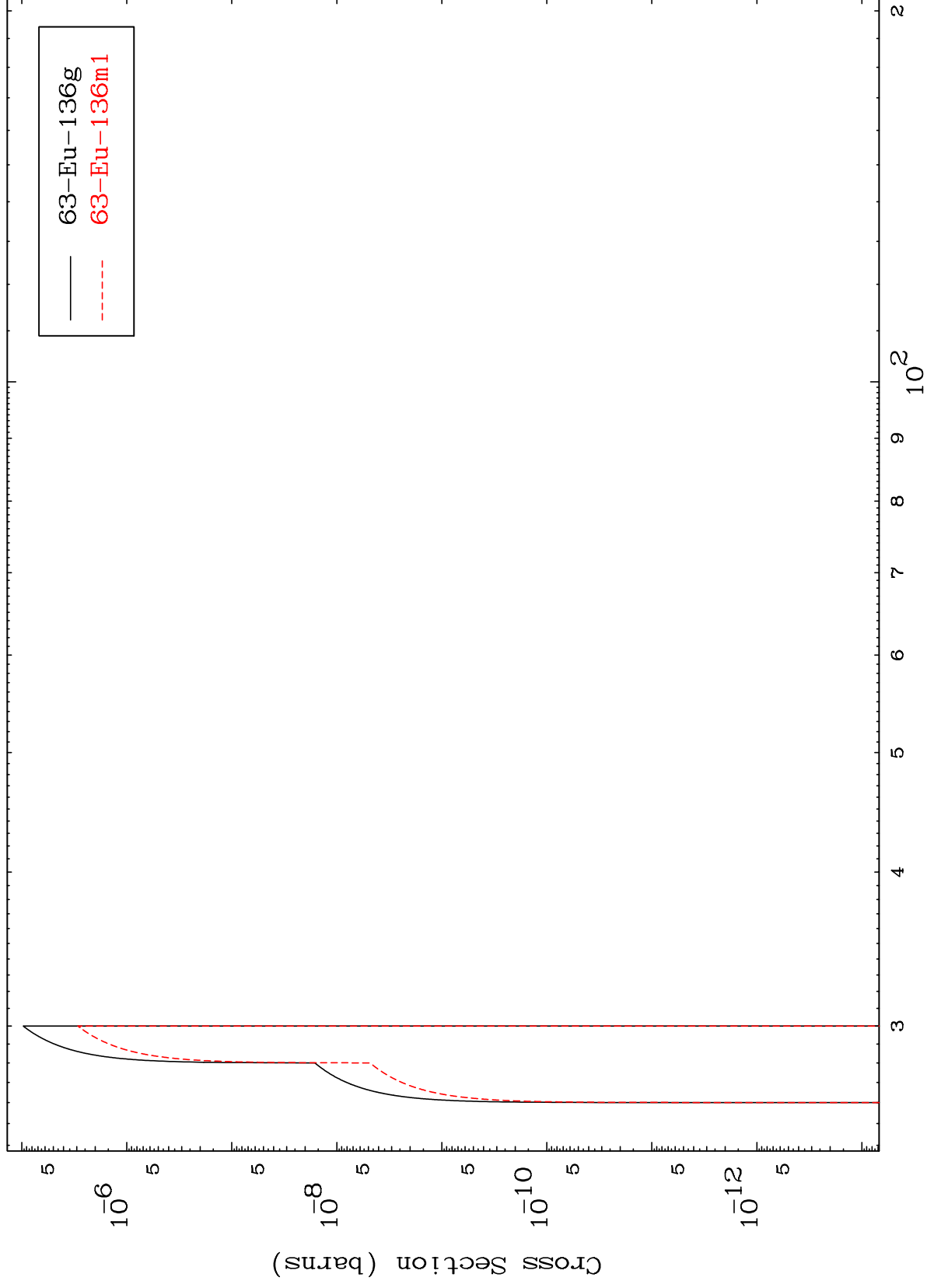
(n,n') d
Radionuclide Production Cross Section



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64-Gd-139m

(n,2n) p
Radionuclide Production Cross Section



64-Gd-139m

Incident Energy (MeV)

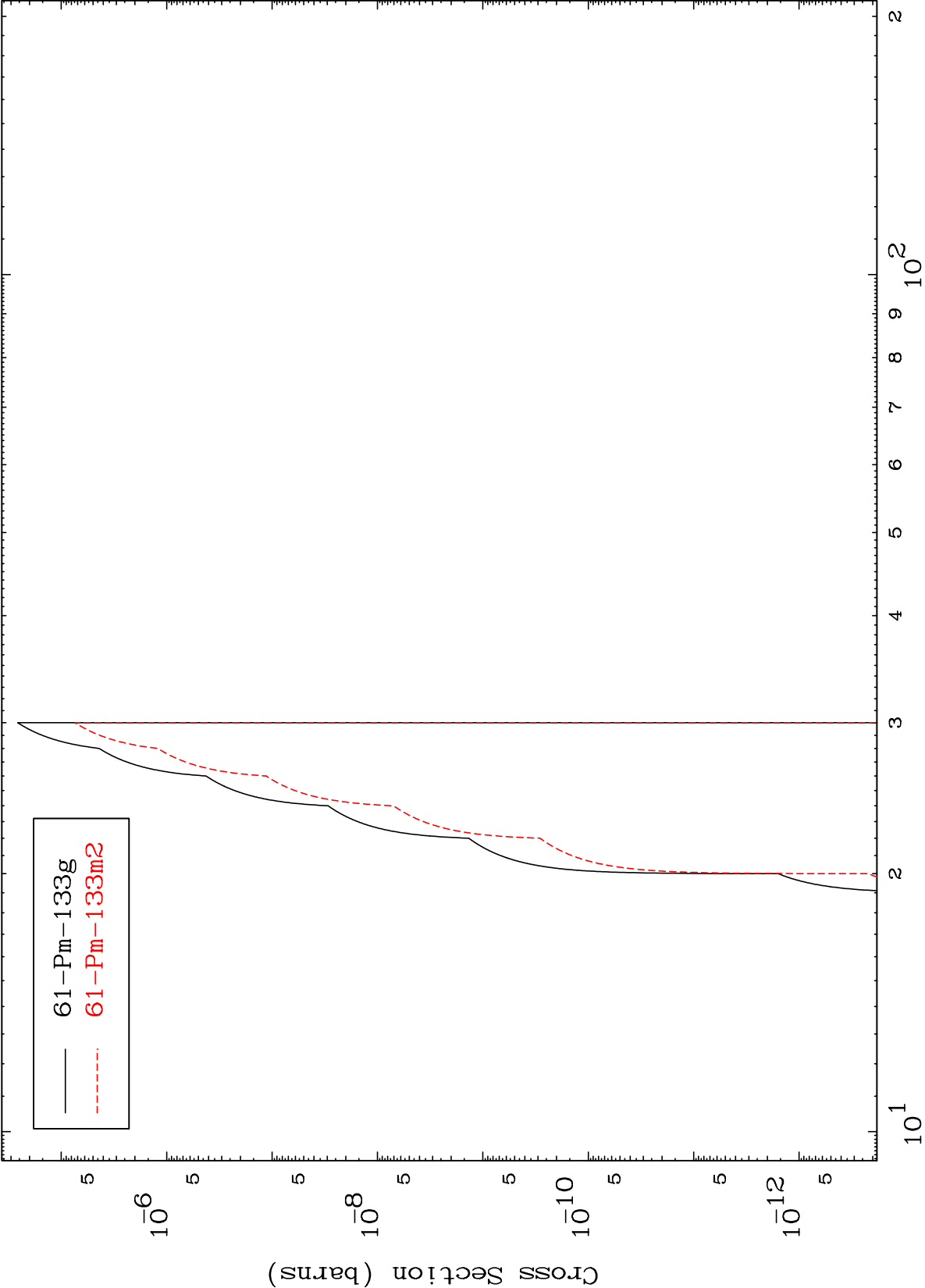
14

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(n,n') p α

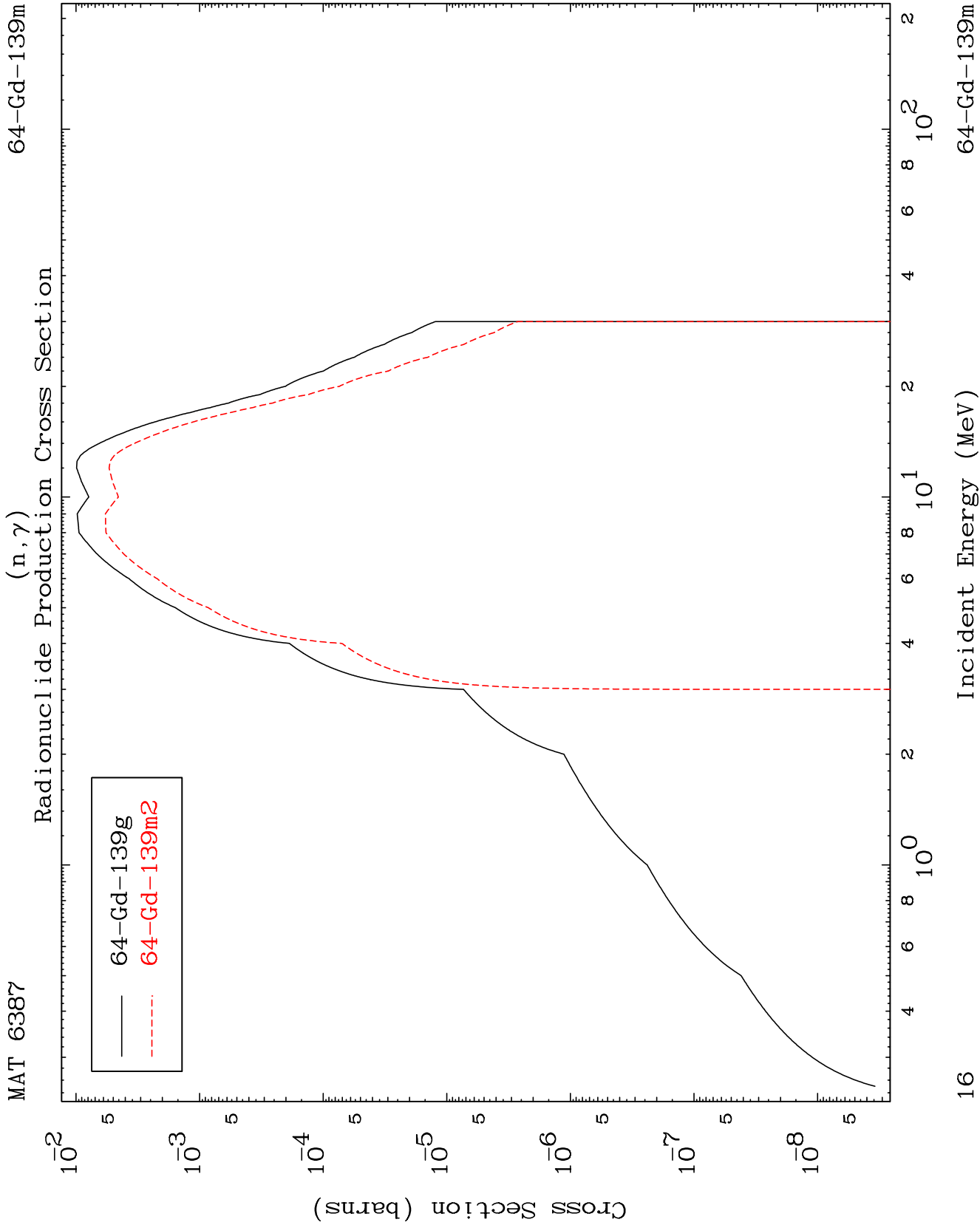
64-Gd-139m

Radionuclide Production Cross Section

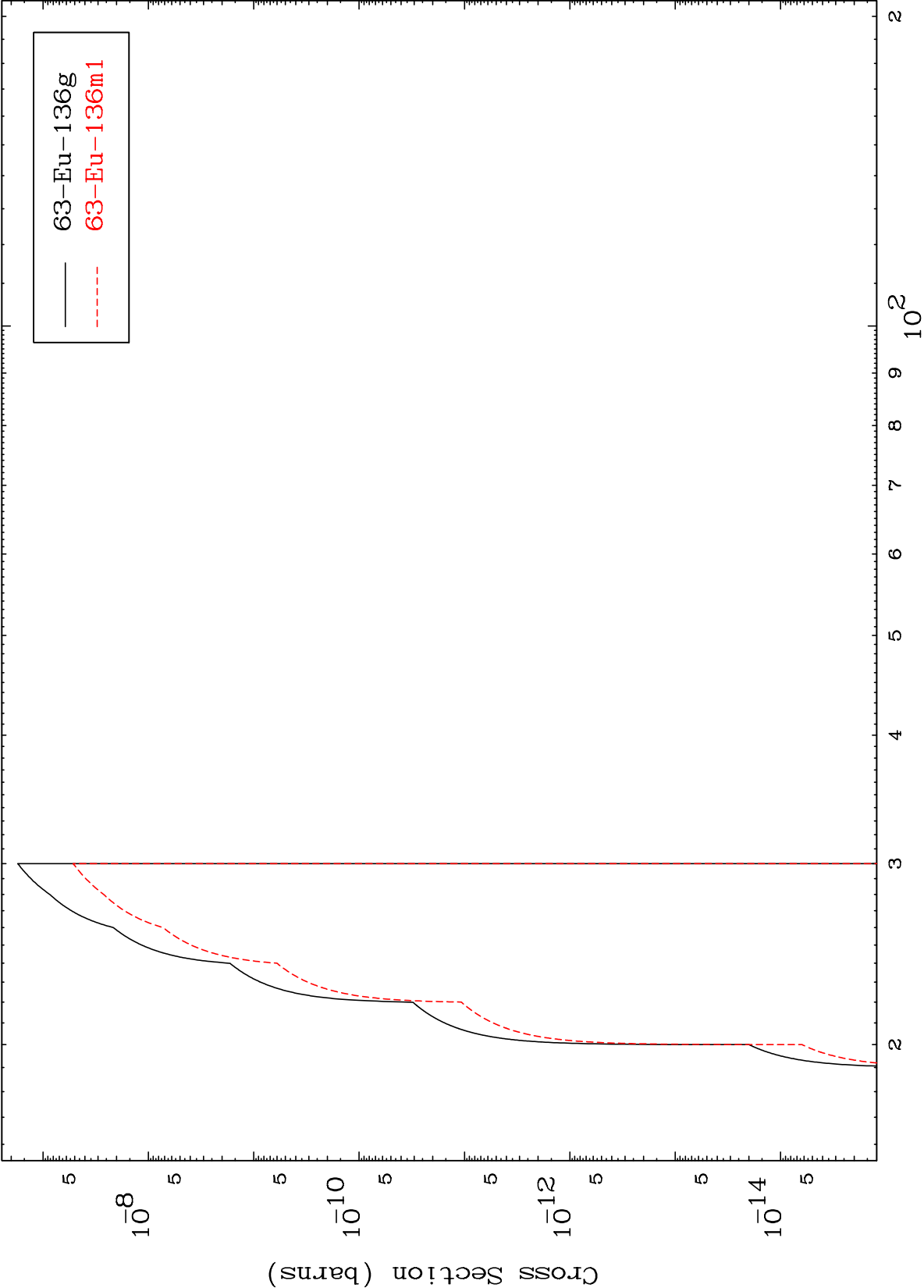


Incident Energy (MeV)

64-Gd-139m



(n,t)
Radionuclide Production Cross Section

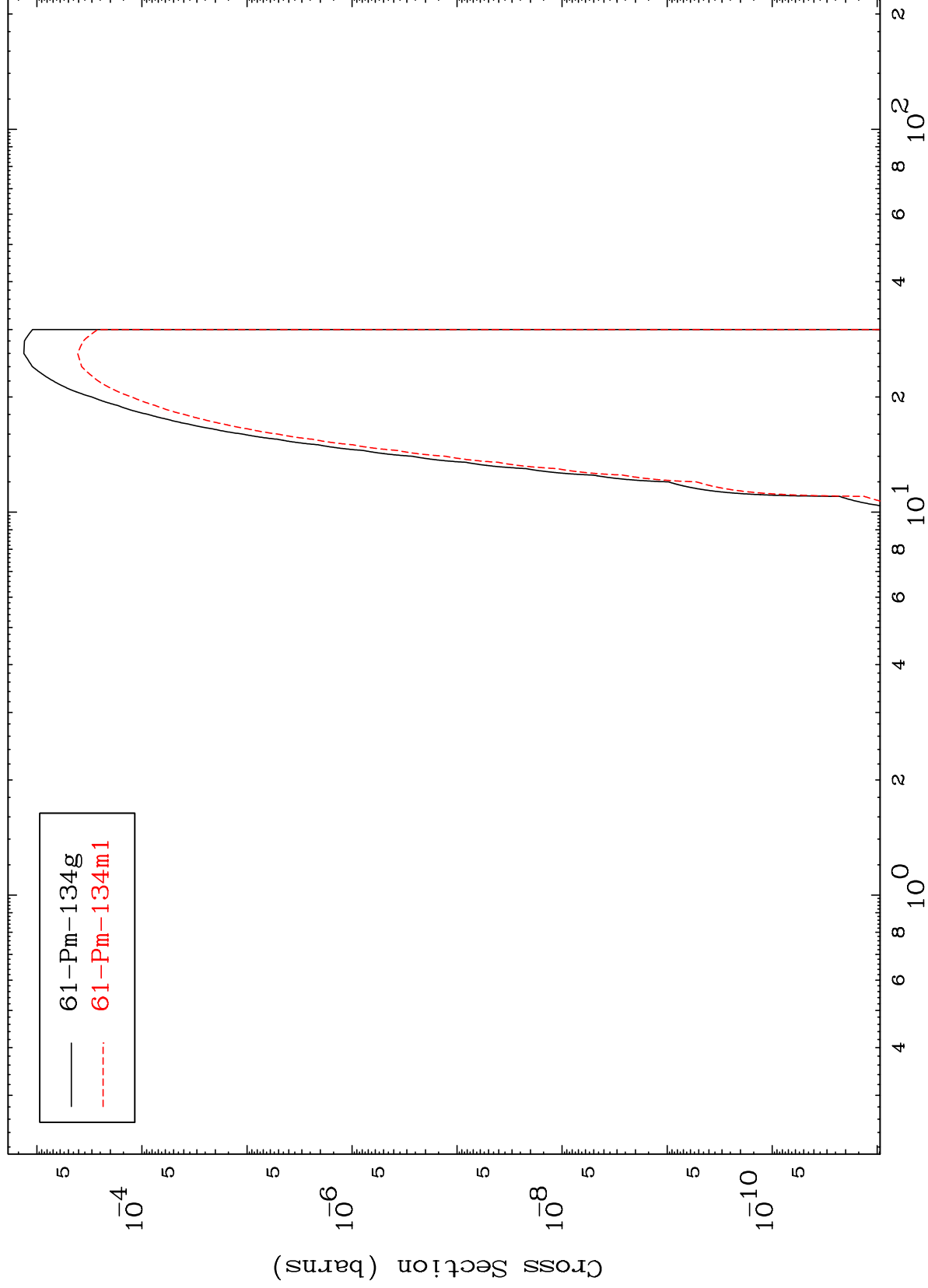


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(n,p) α

64-Gd-139m

Radionuclide Production Cross Section



18

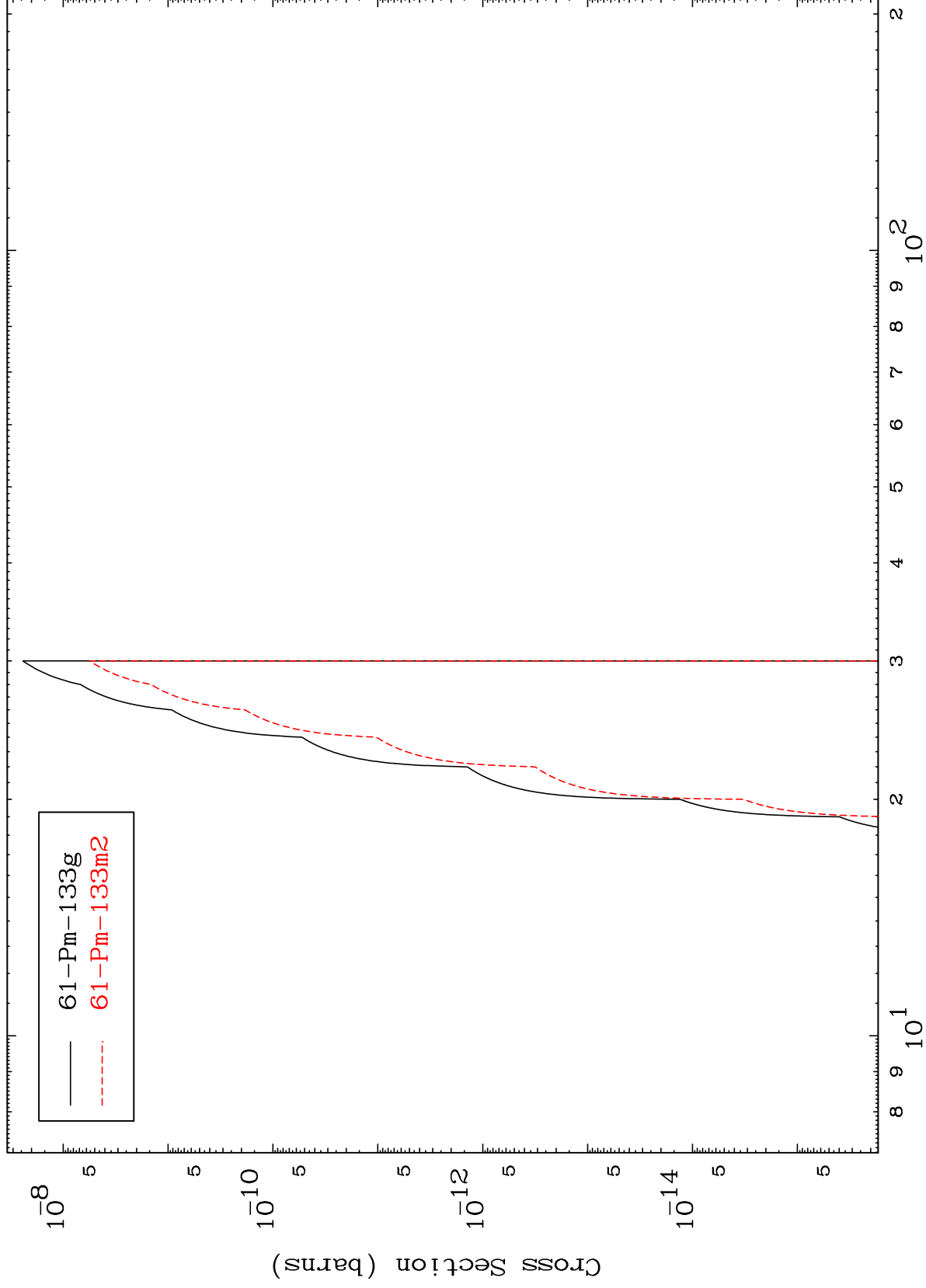
Incident Energy (MeV)

64-Gd-139m

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64-Gd-139m

(n,d) α
Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-139m