

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

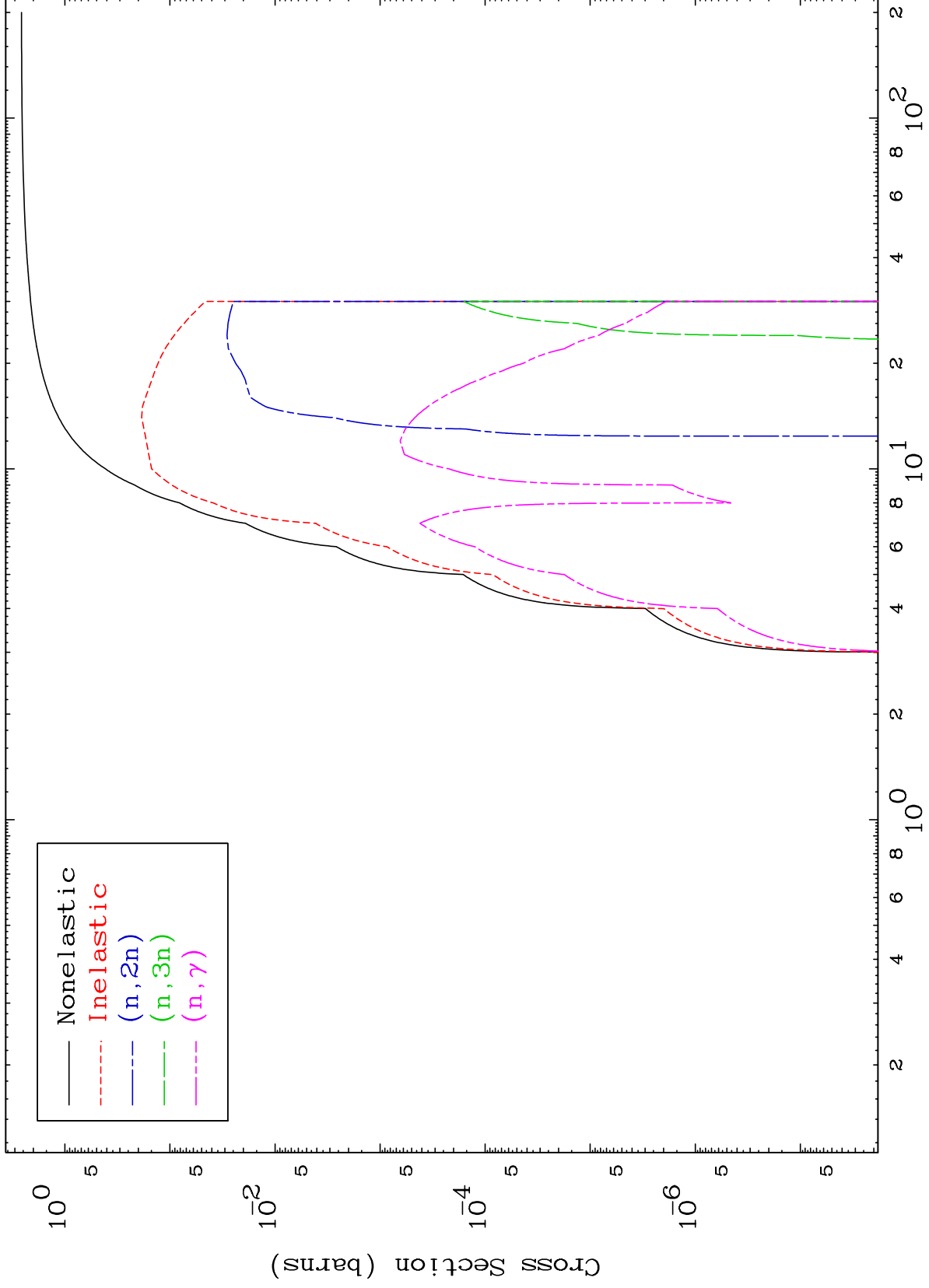
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

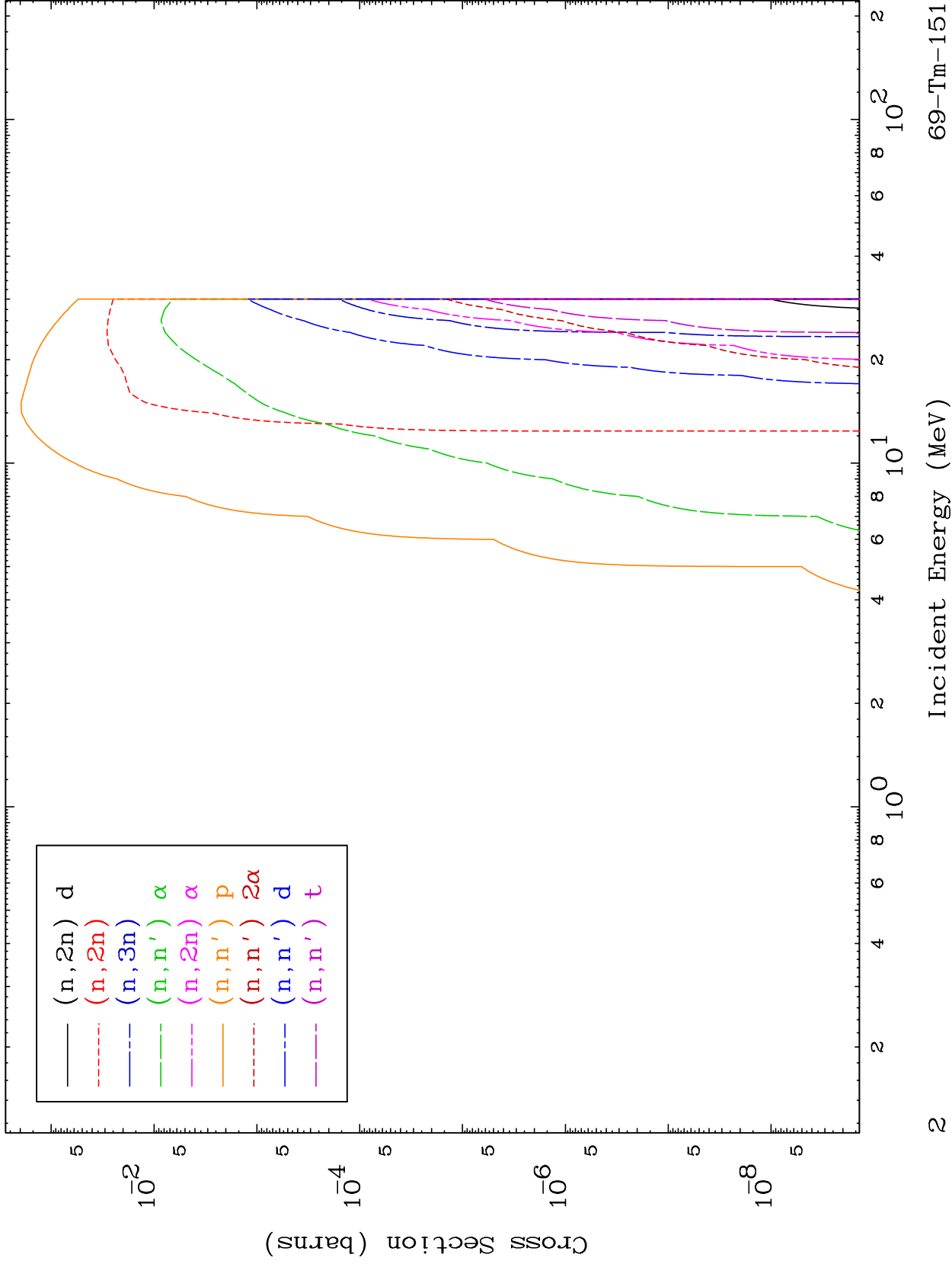
Tele: 925-443-1911

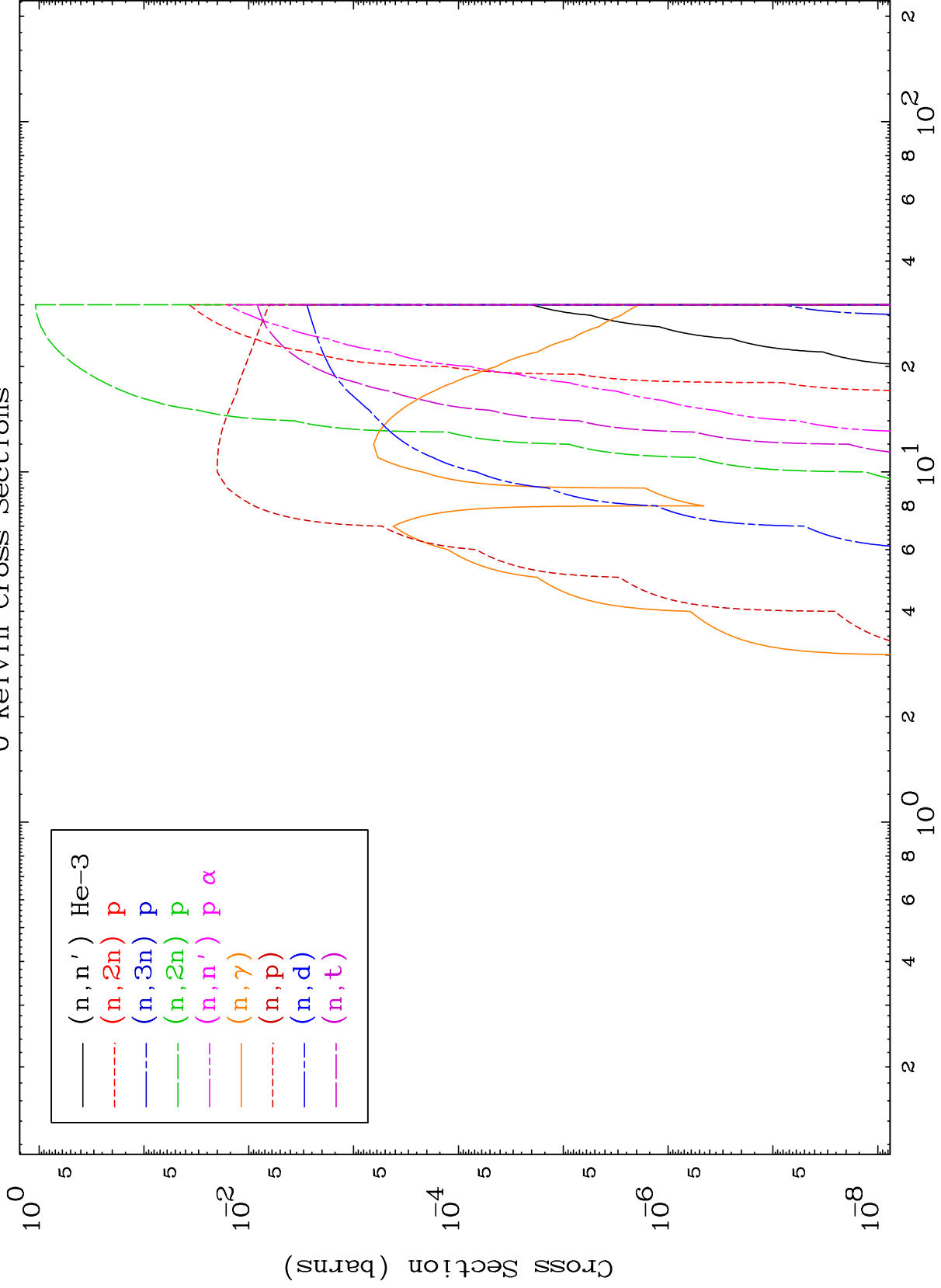
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



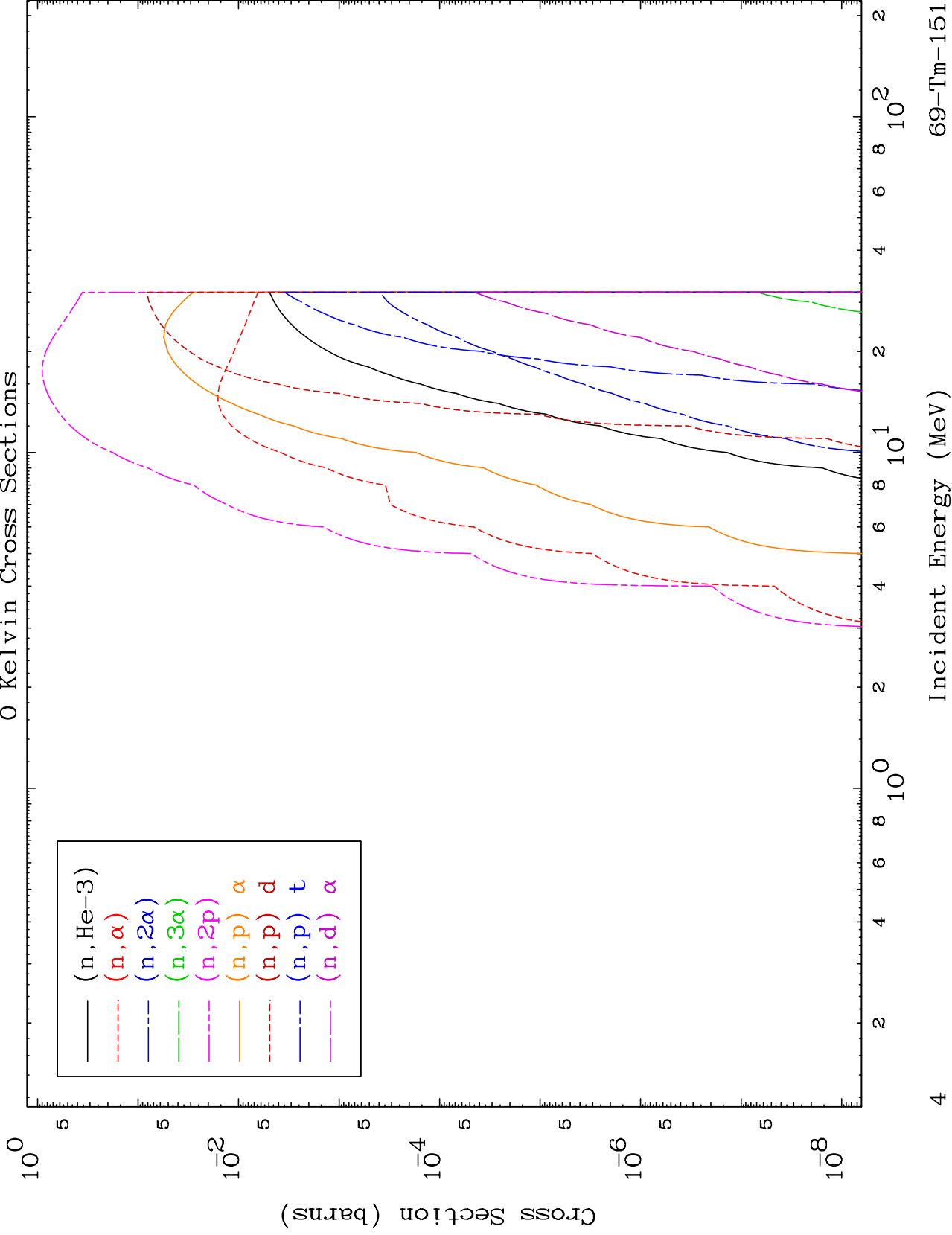


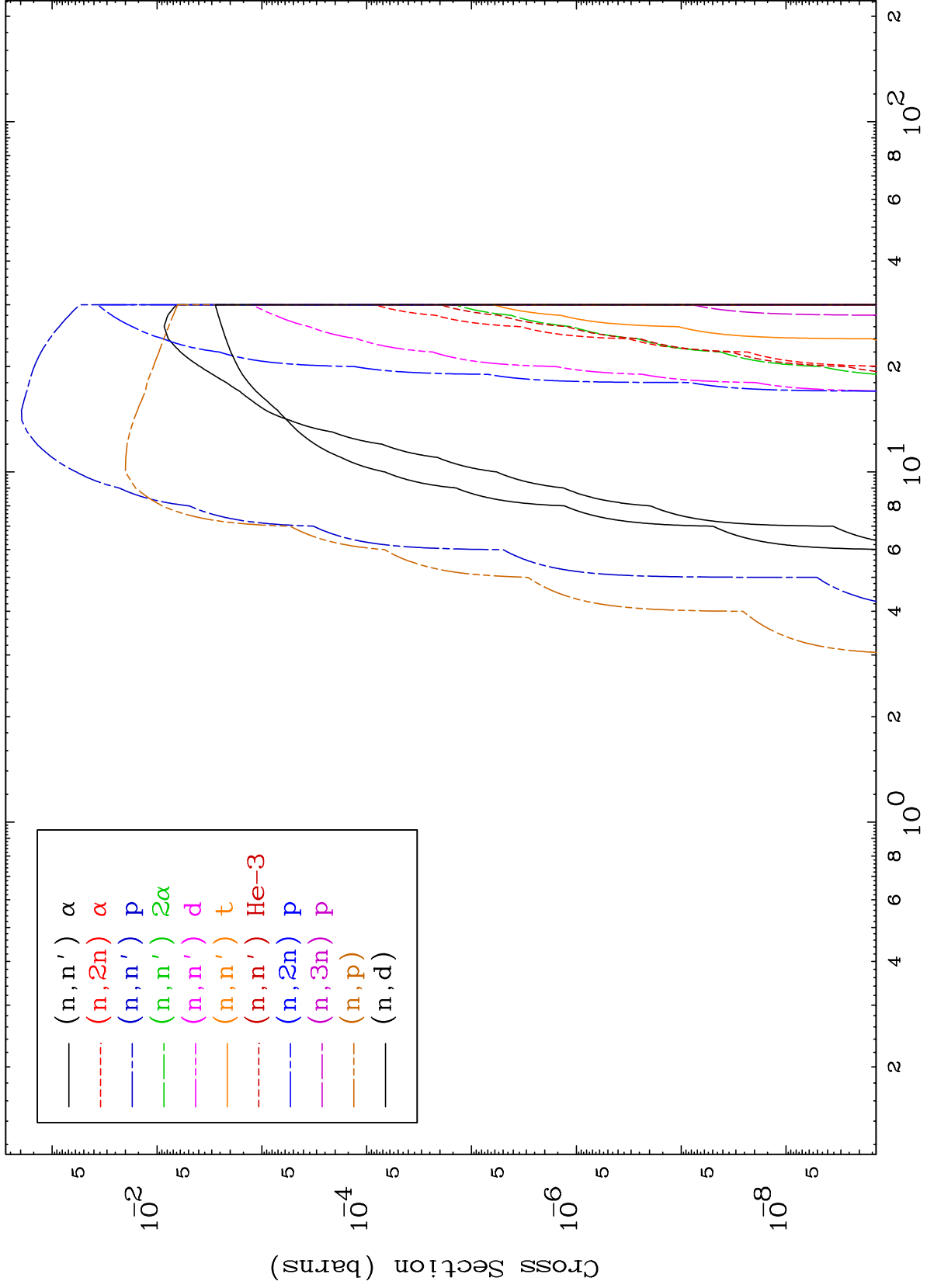


MAT 6871

Deuteron Neutron Absorption
0 Kelvin Cross Sections

69-Tm-151

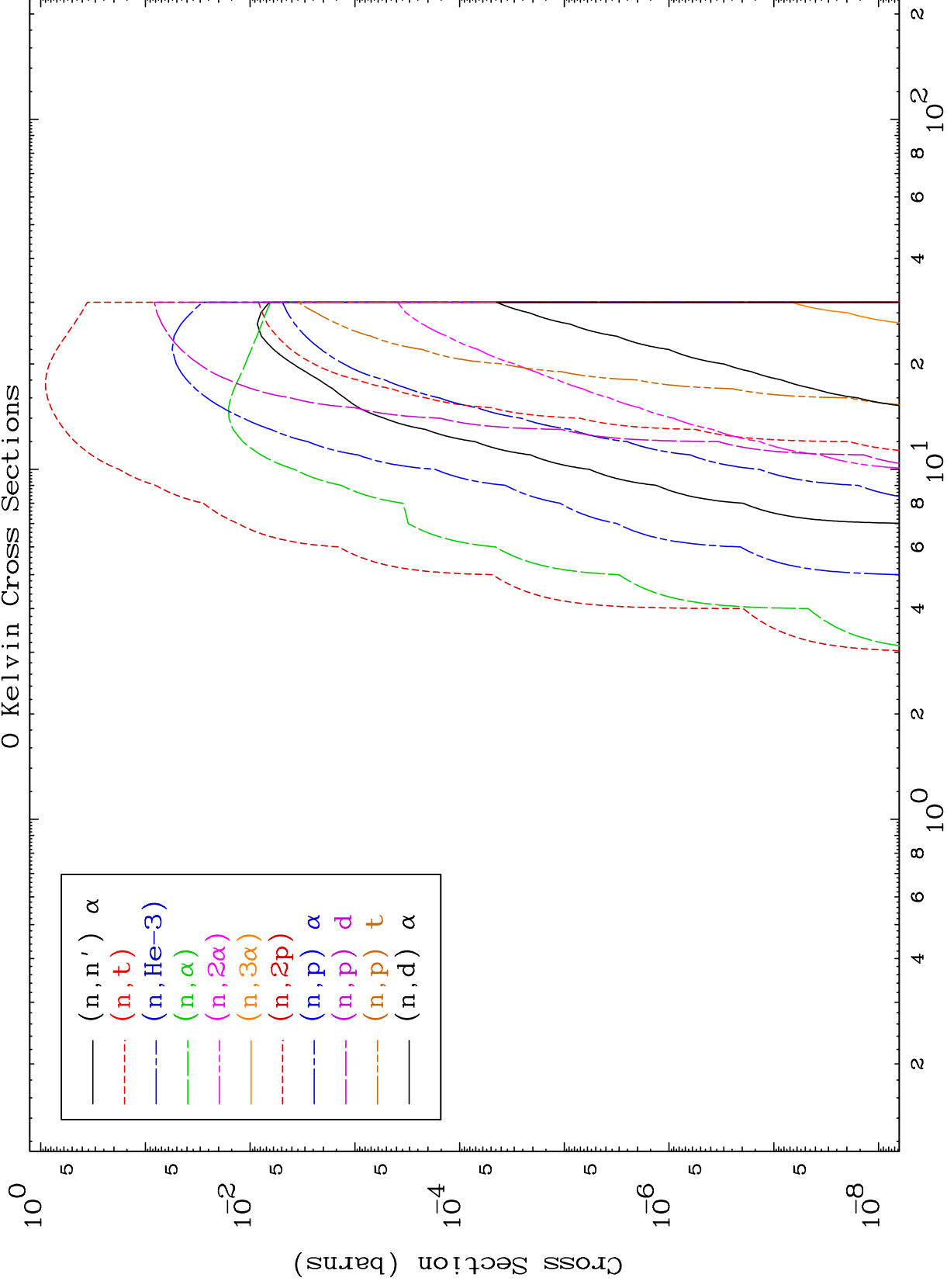




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Deuteron Charged Particle
0 Kelvin Cross Sections

69-Tm-151



6

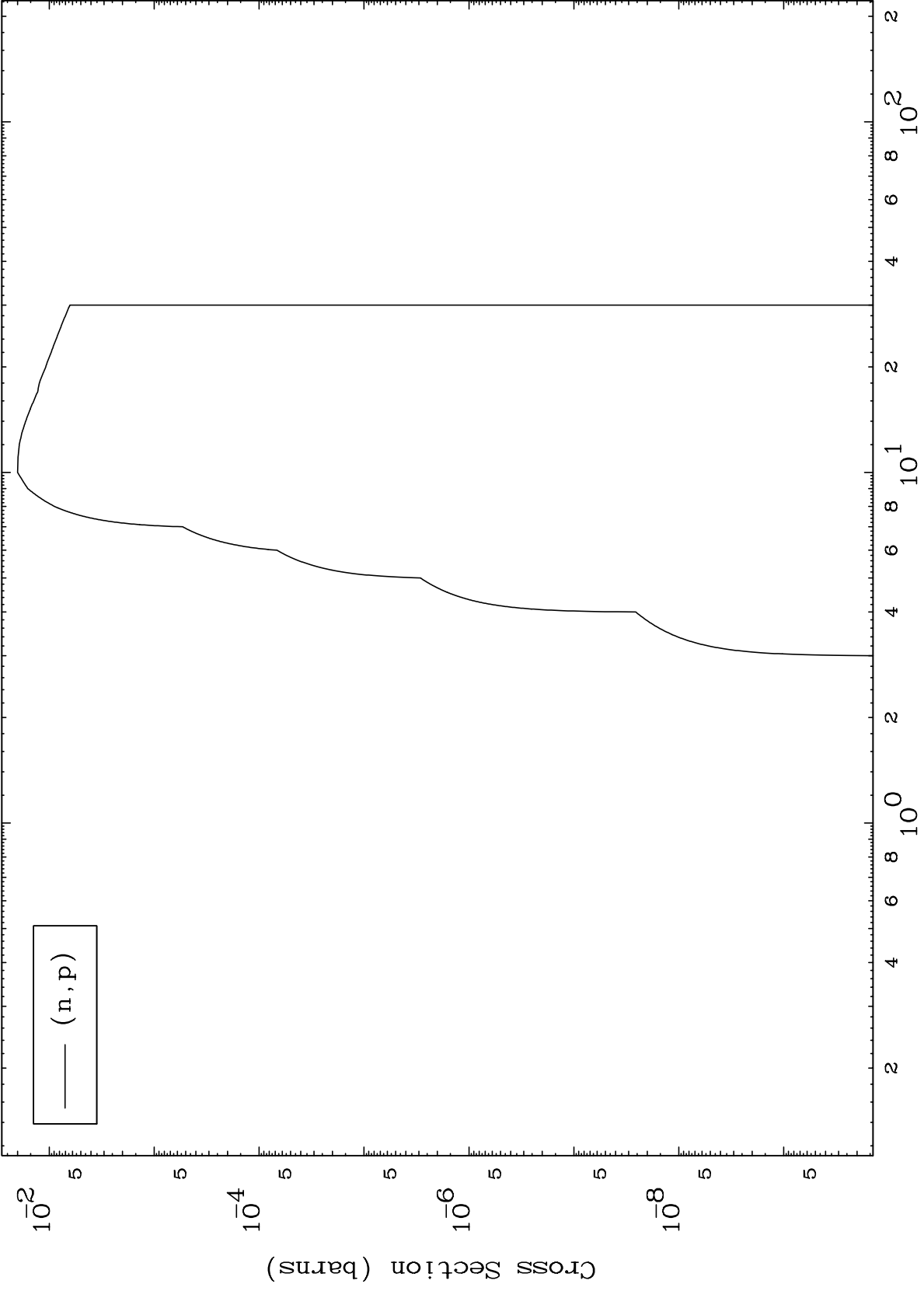
Incident Energy (MeV)

69-Tm-151

MAT 6871

(d,p) Levels
0 Kelvin Cross Sections

69-Tm-151

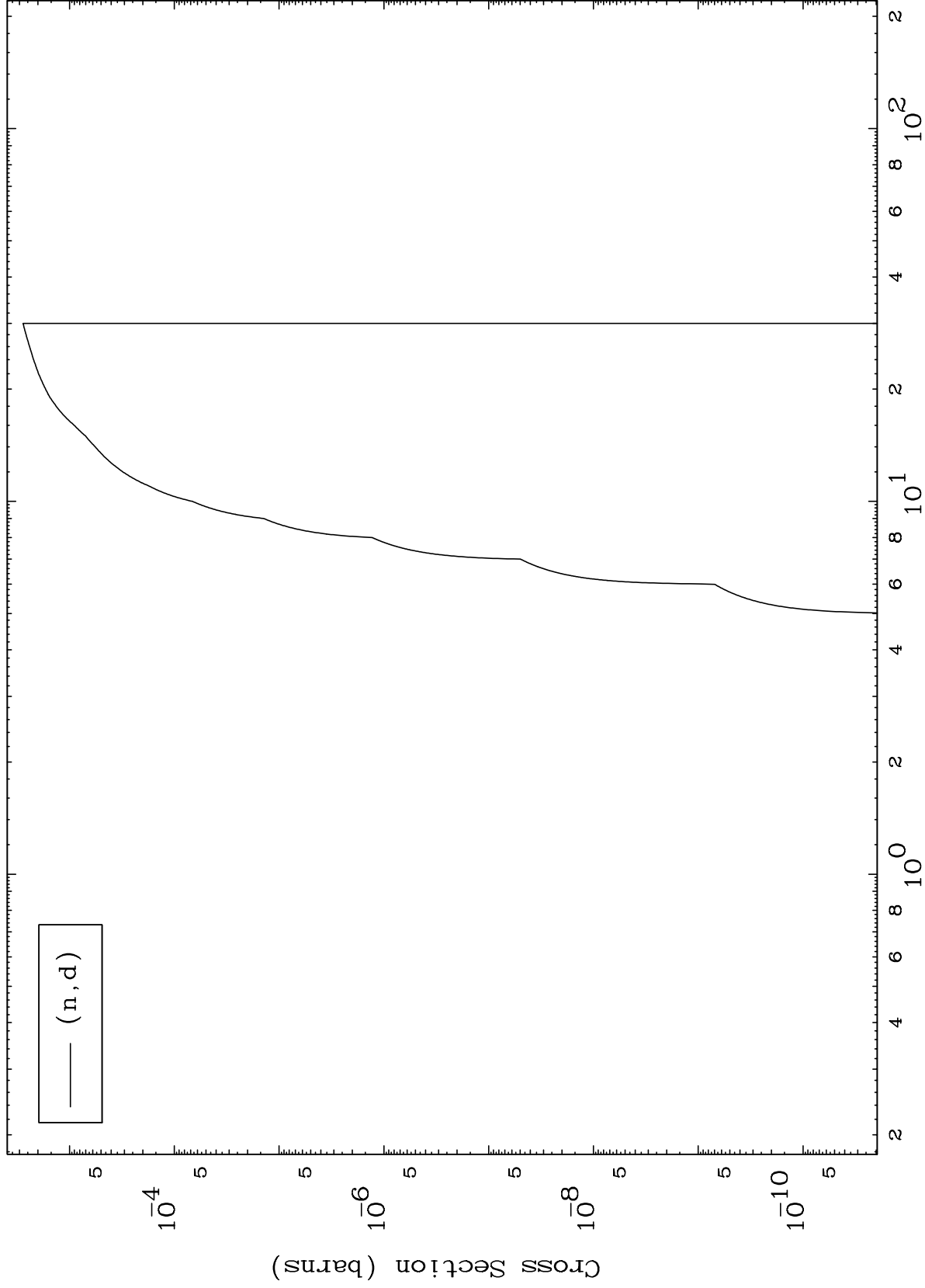


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(d,d) Levels

69-Tm-151

0 Kelvin Cross Sections



8

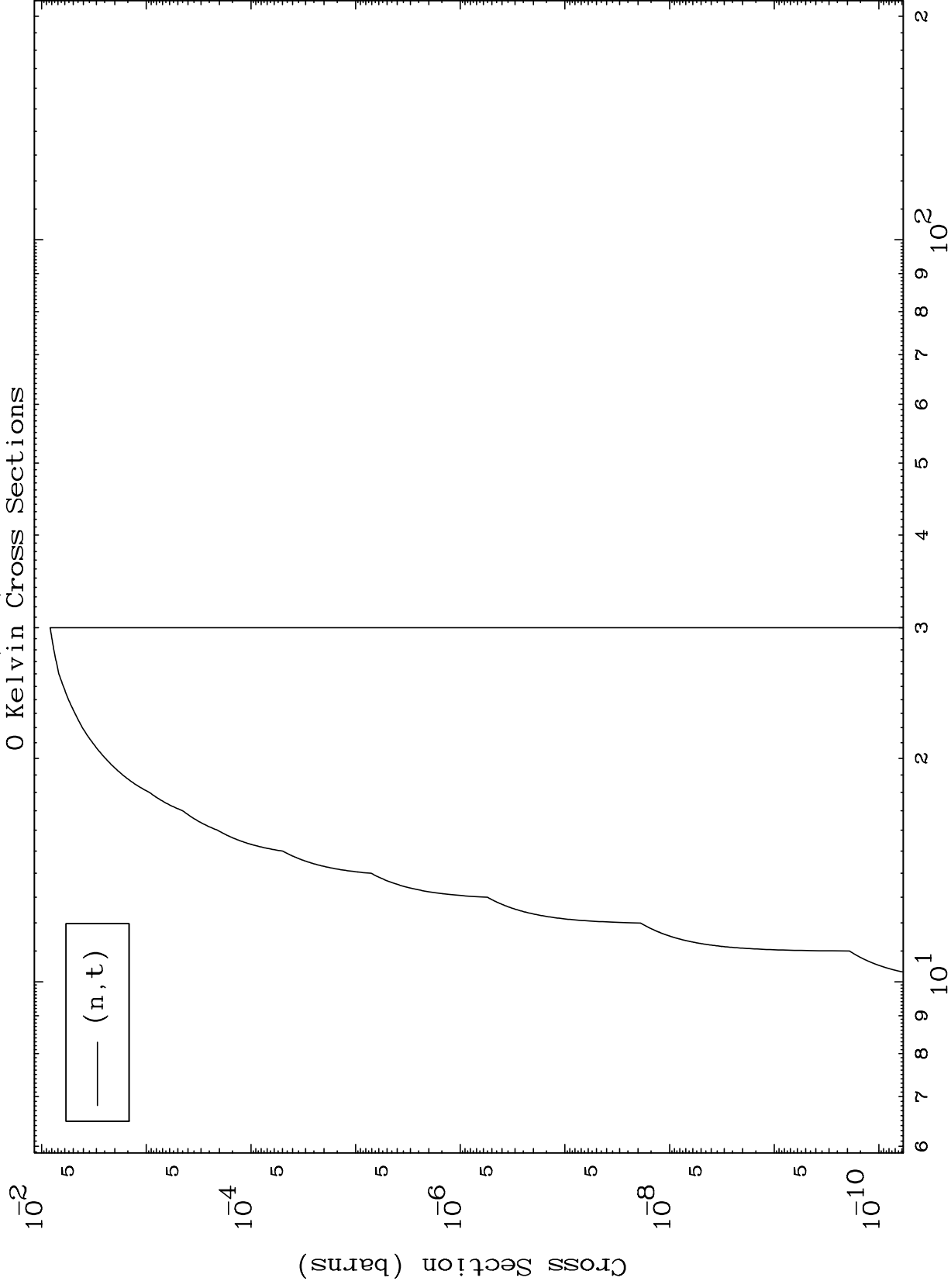
Incident Energy (MeV)

69-Tm-151

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(d, t) Levels
0 Kelvin Cross Sections

69-Tm-151



9

Incident Energy (MeV)

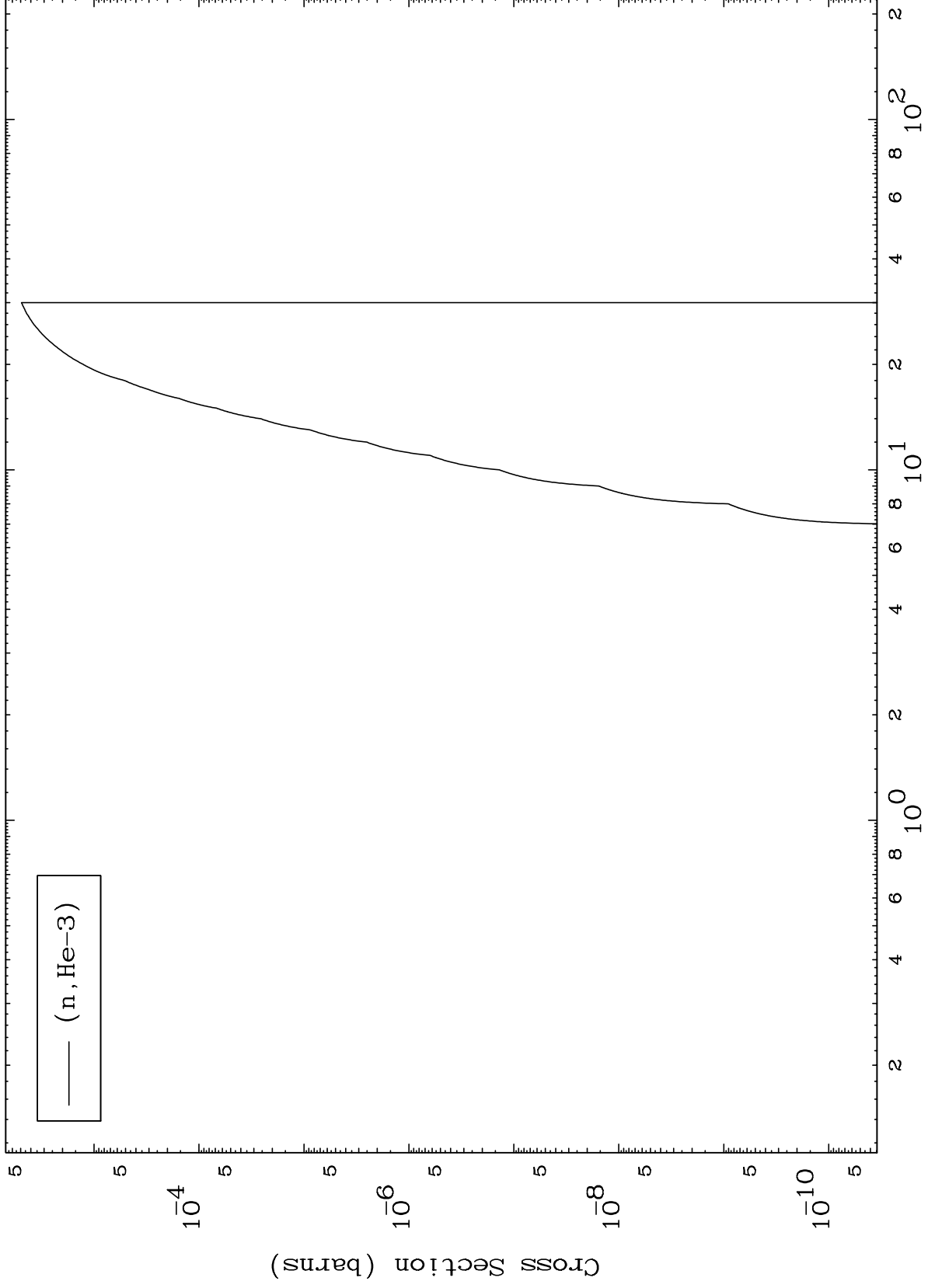
69-Tm-151

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(d,He3) Levels

69-Tm-151

0 Kelvin Cross Sections



10

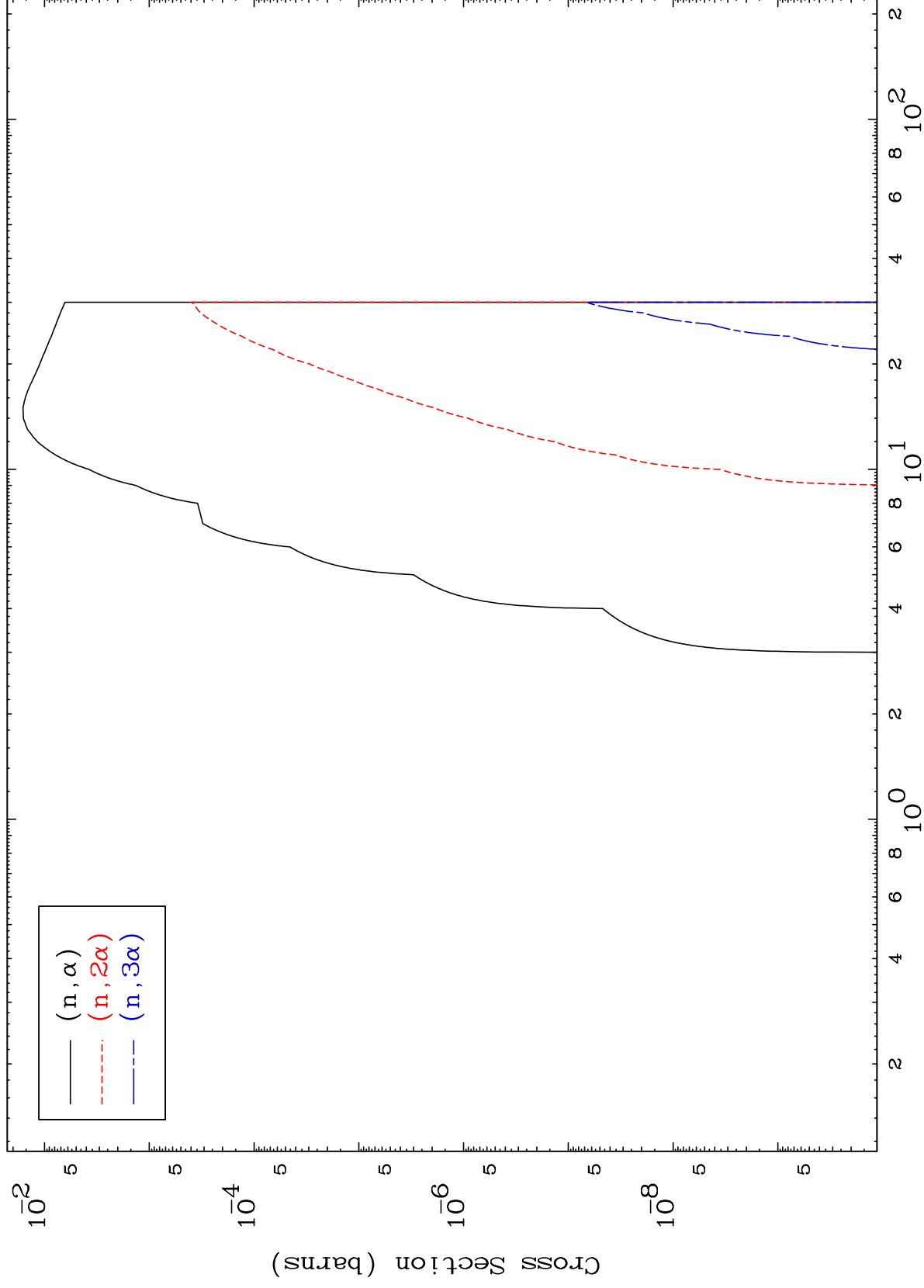
Incident Energy (MeV)

69-Tm-151

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69-Tm-151

(d, α) Levels
0 Kelvin Cross Sections



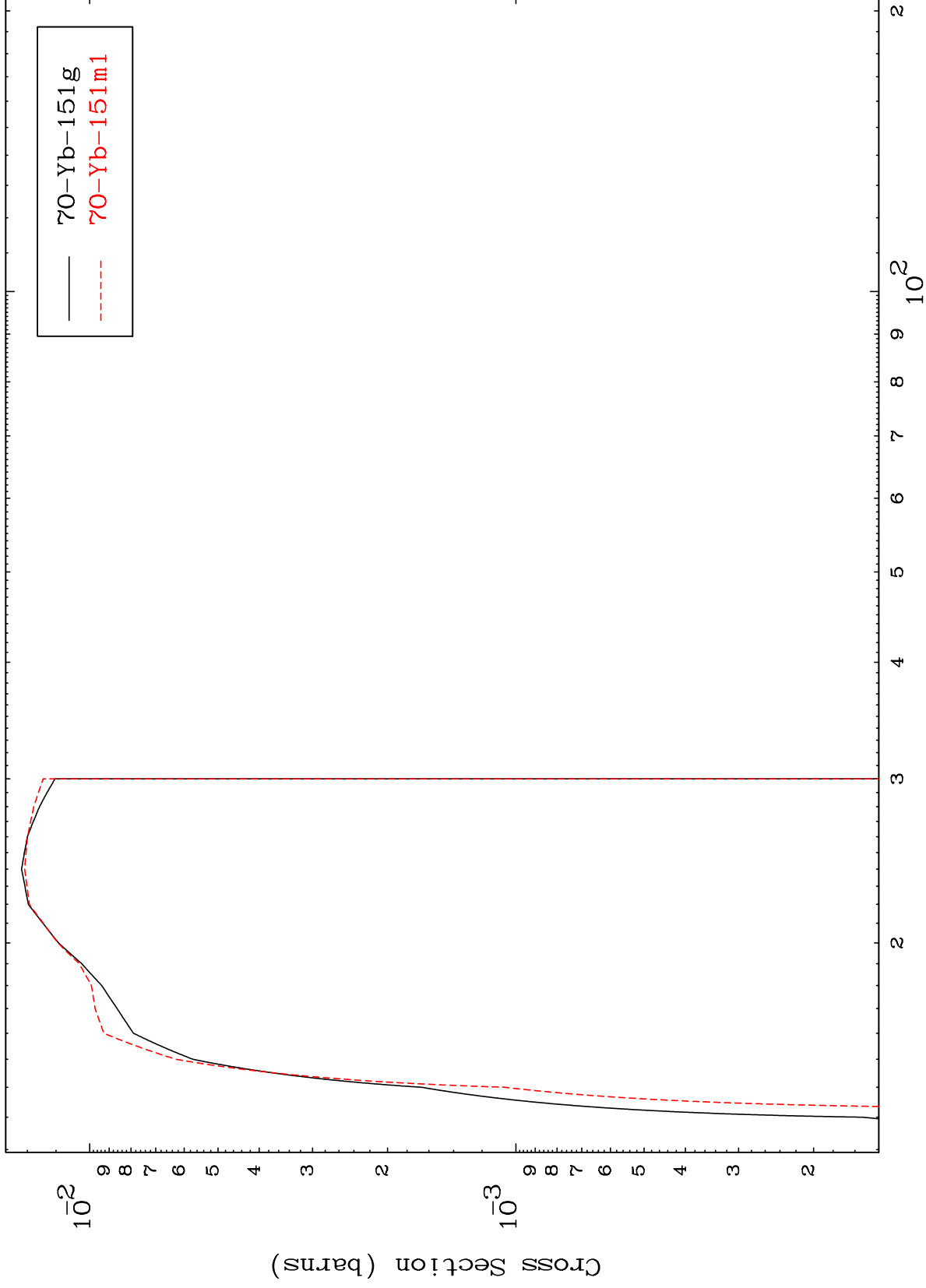
69-Tm-151

Incident Energy (MeV)

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69-Tm-151

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

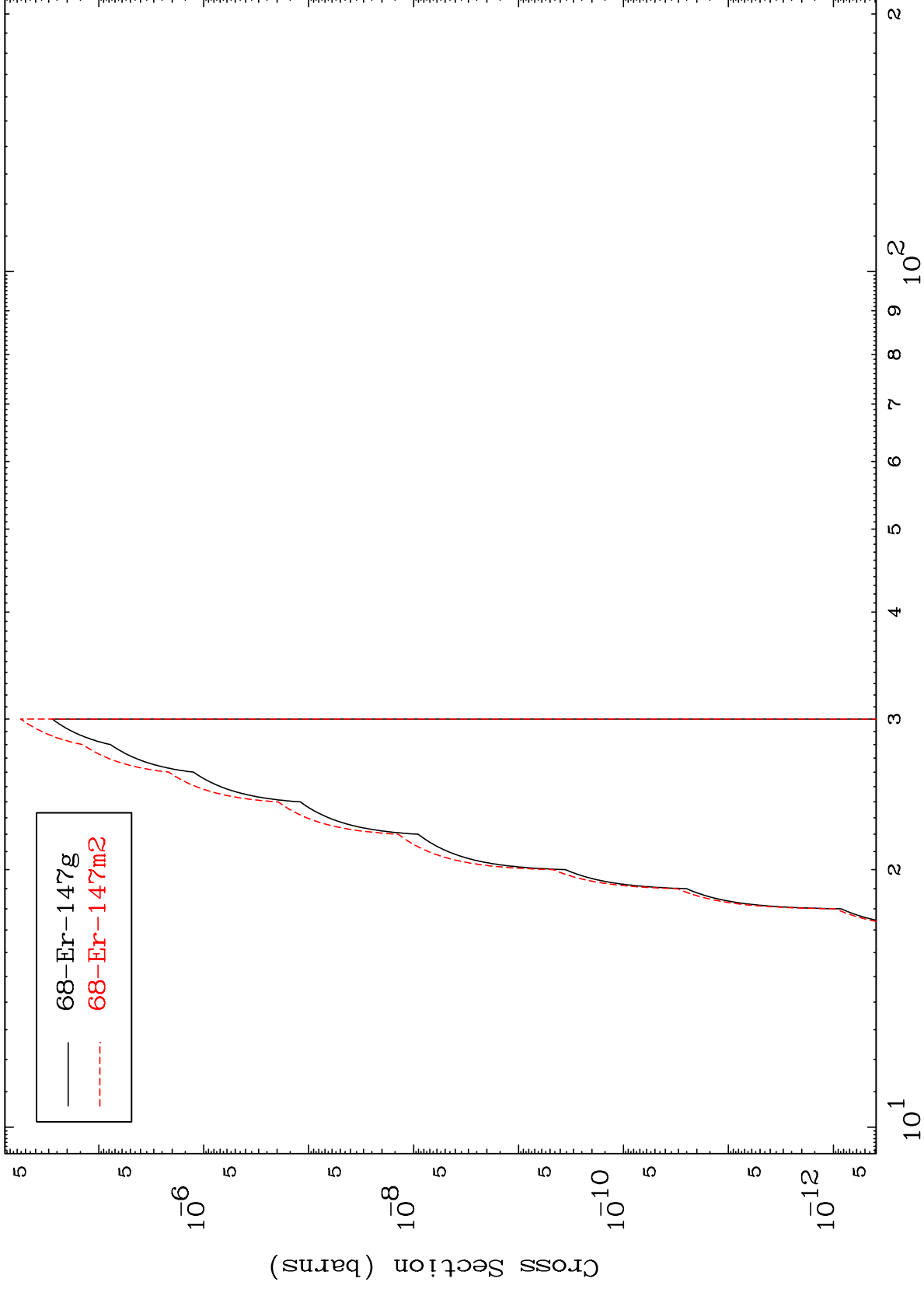
69-Tm-151

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(n,2n) α

69-Tm-151

Radionuclide Production Cross Section



13

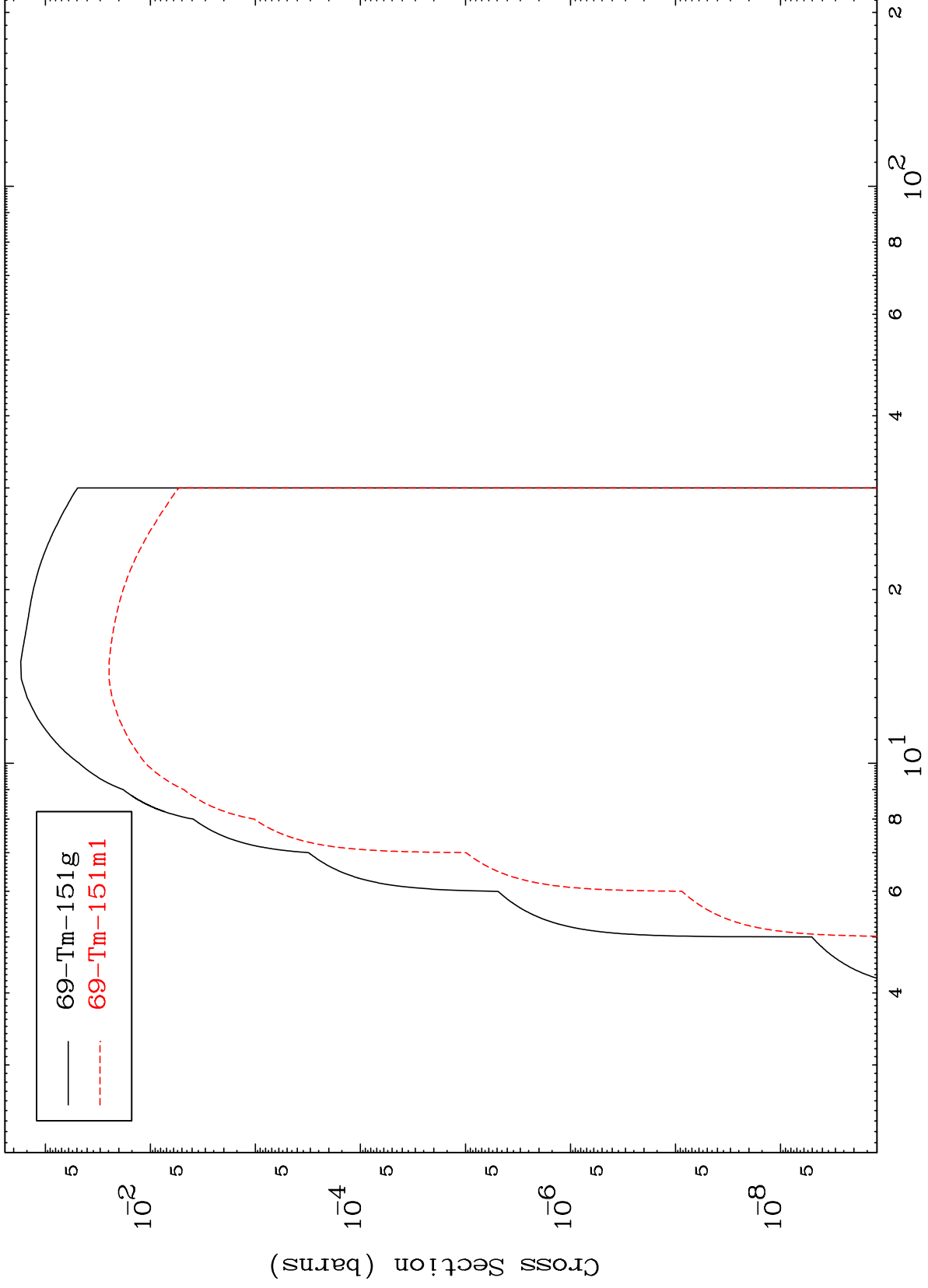
Incident Energy (MeV)

69-Tm-151

MAT 6871

$^{69}\text{Tm-151}$

Radionuclide Production Cross Section



14

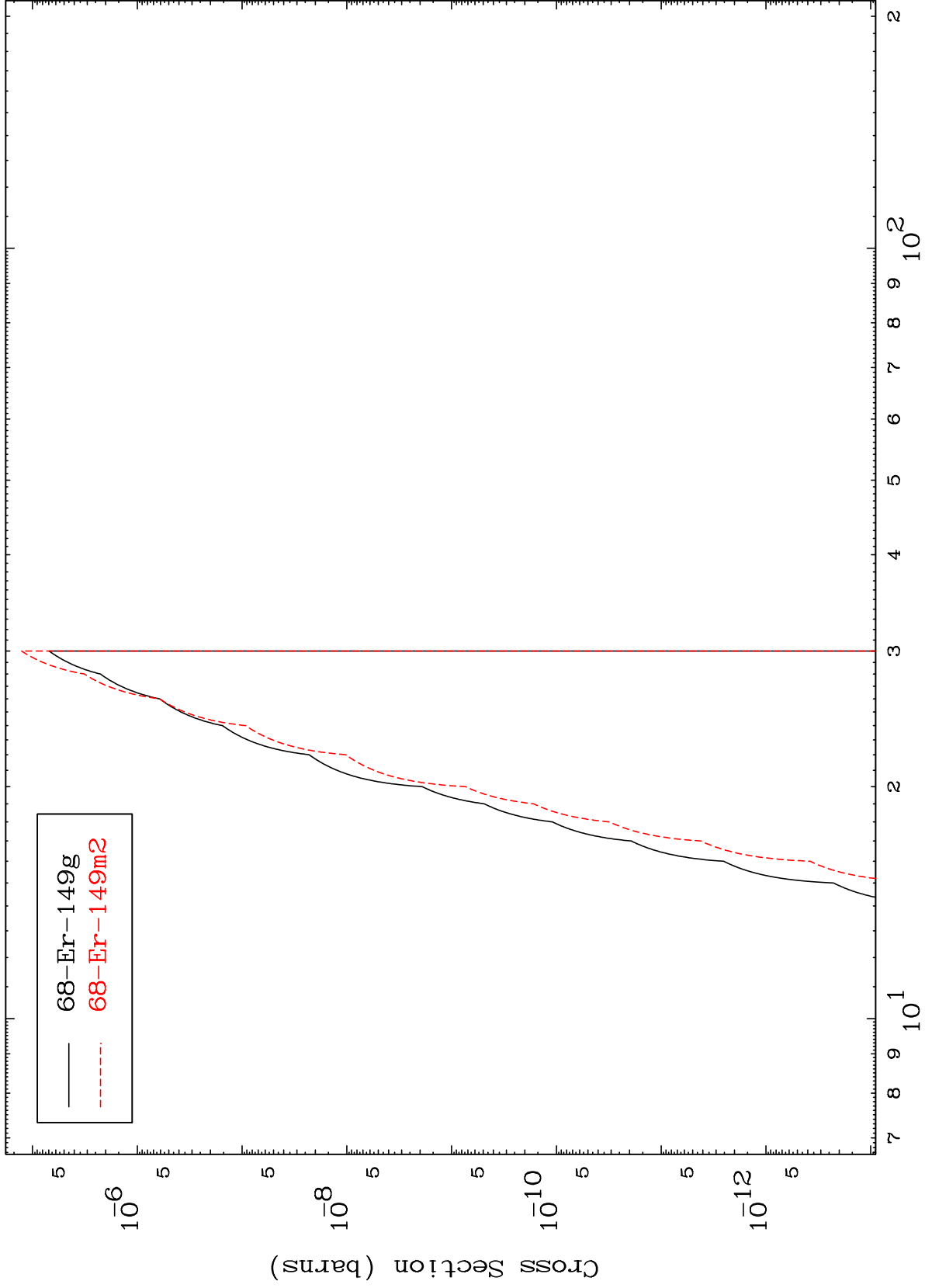
$^{69}\text{Tm-151}$

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(n,n') He-3

69-Tm-151

Radionuclide Production Cross Section



15

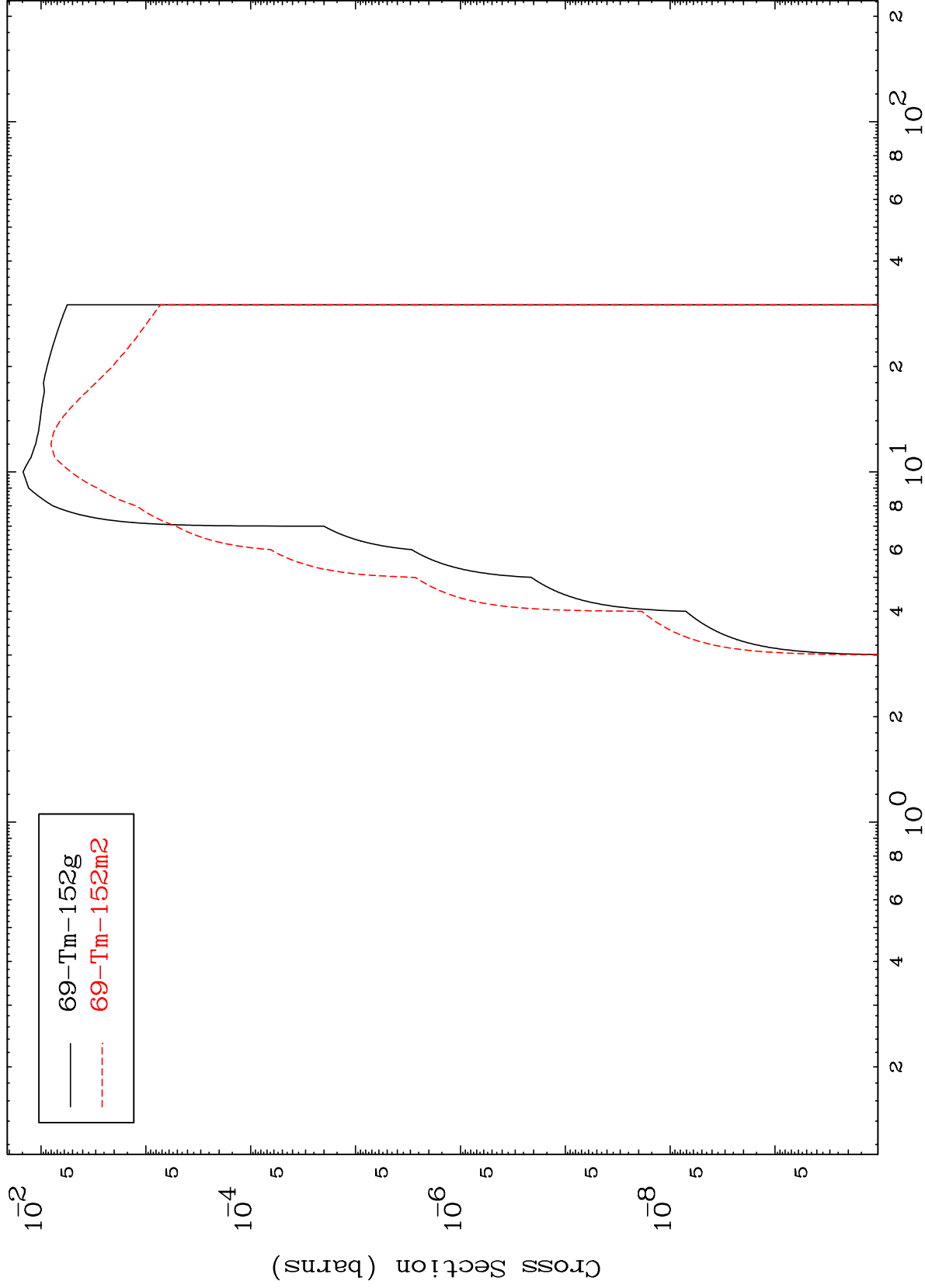
Incident Energy (MeV)

69-Tm-151

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69-Tm-151

(n,p)
Radionuclide Production Cross Section



16

69-Tm-151

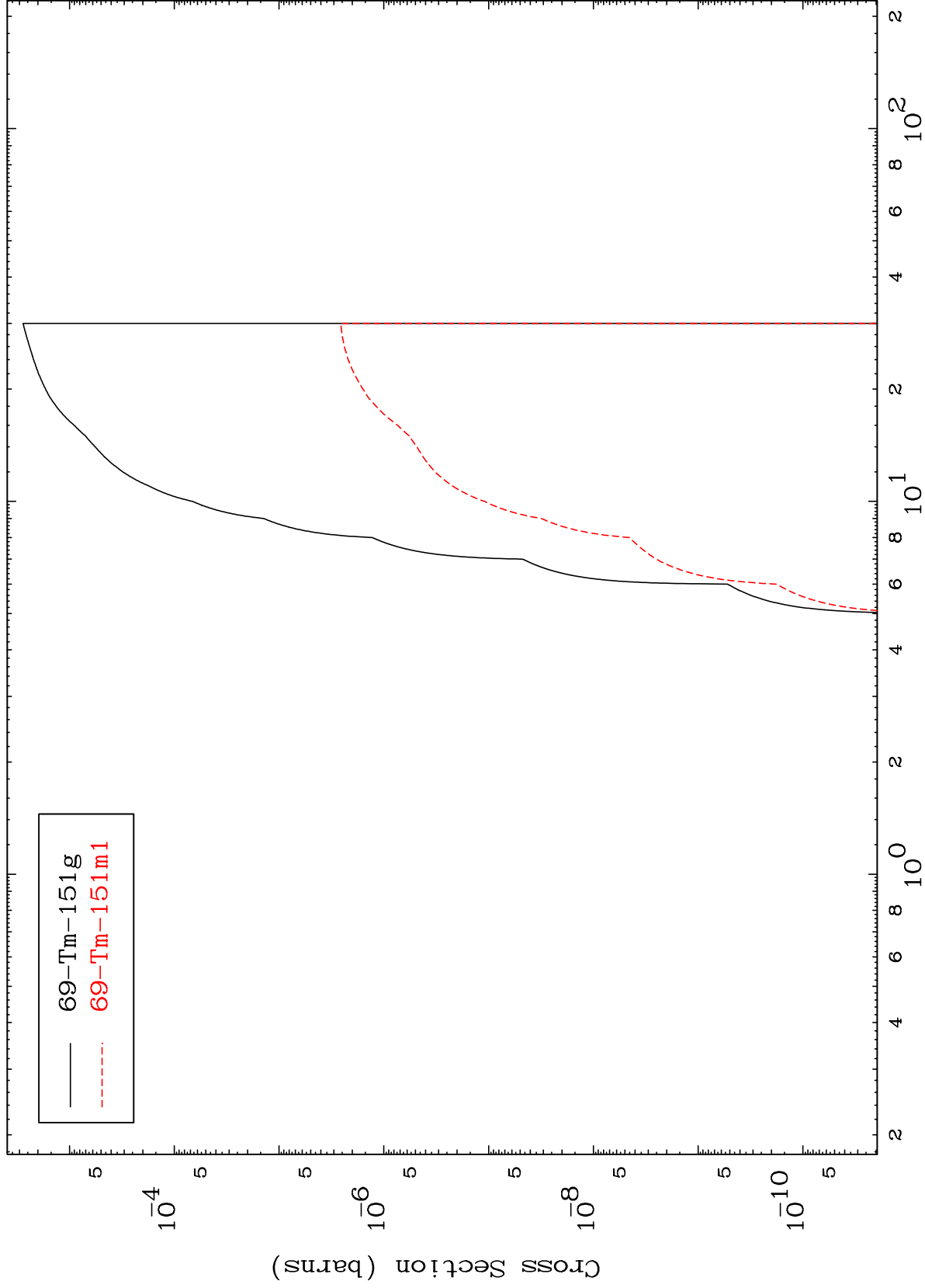
Incident Energy (MeV)

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(n,d)

69-Tm-151

Radionuclide Production Cross Section



17

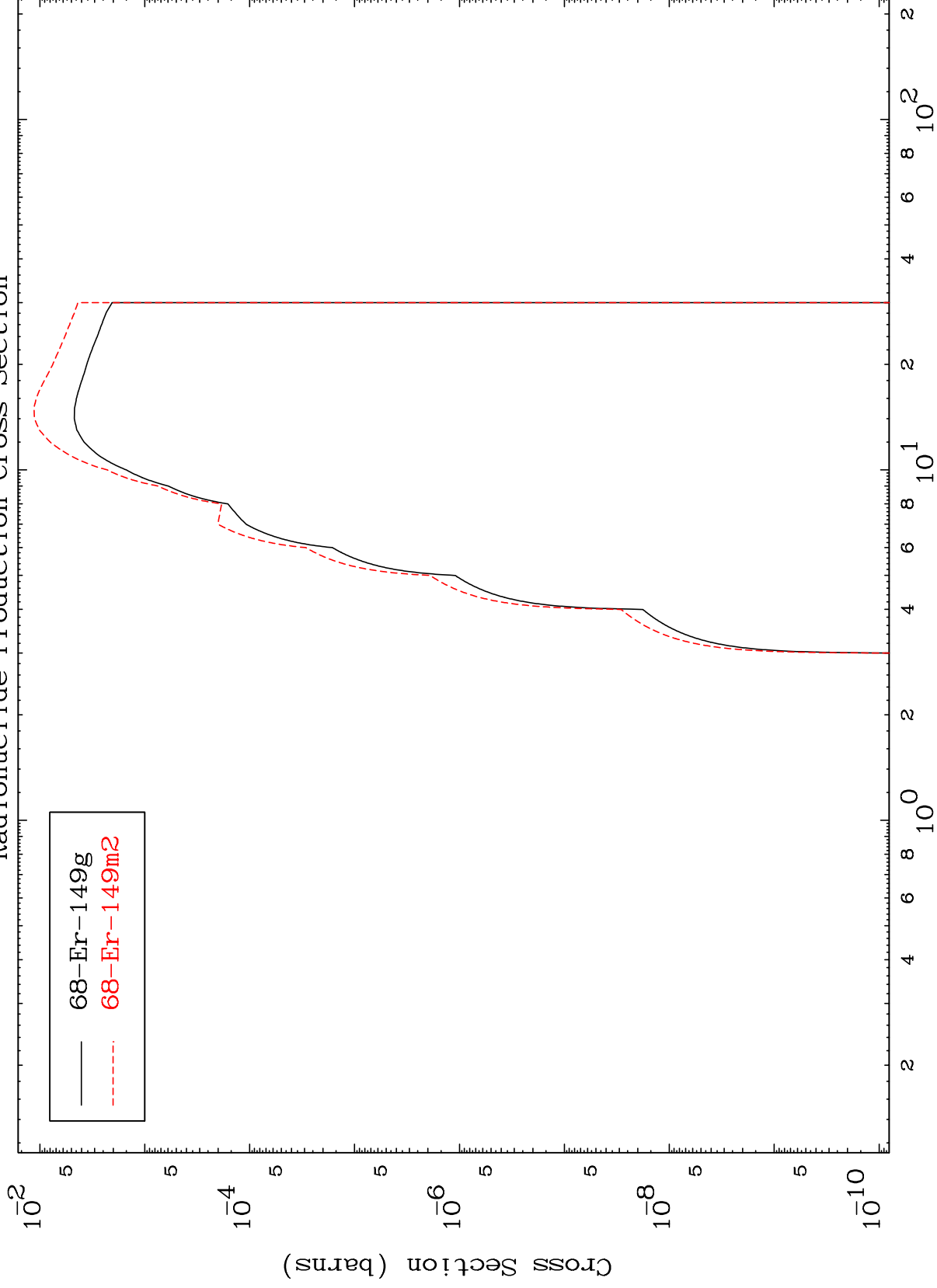
Incident Energy (MeV)

69-Tm-151

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69-Tm-151

(n, α)
Radionuclide Production Cross Section



18

69-Tm-151

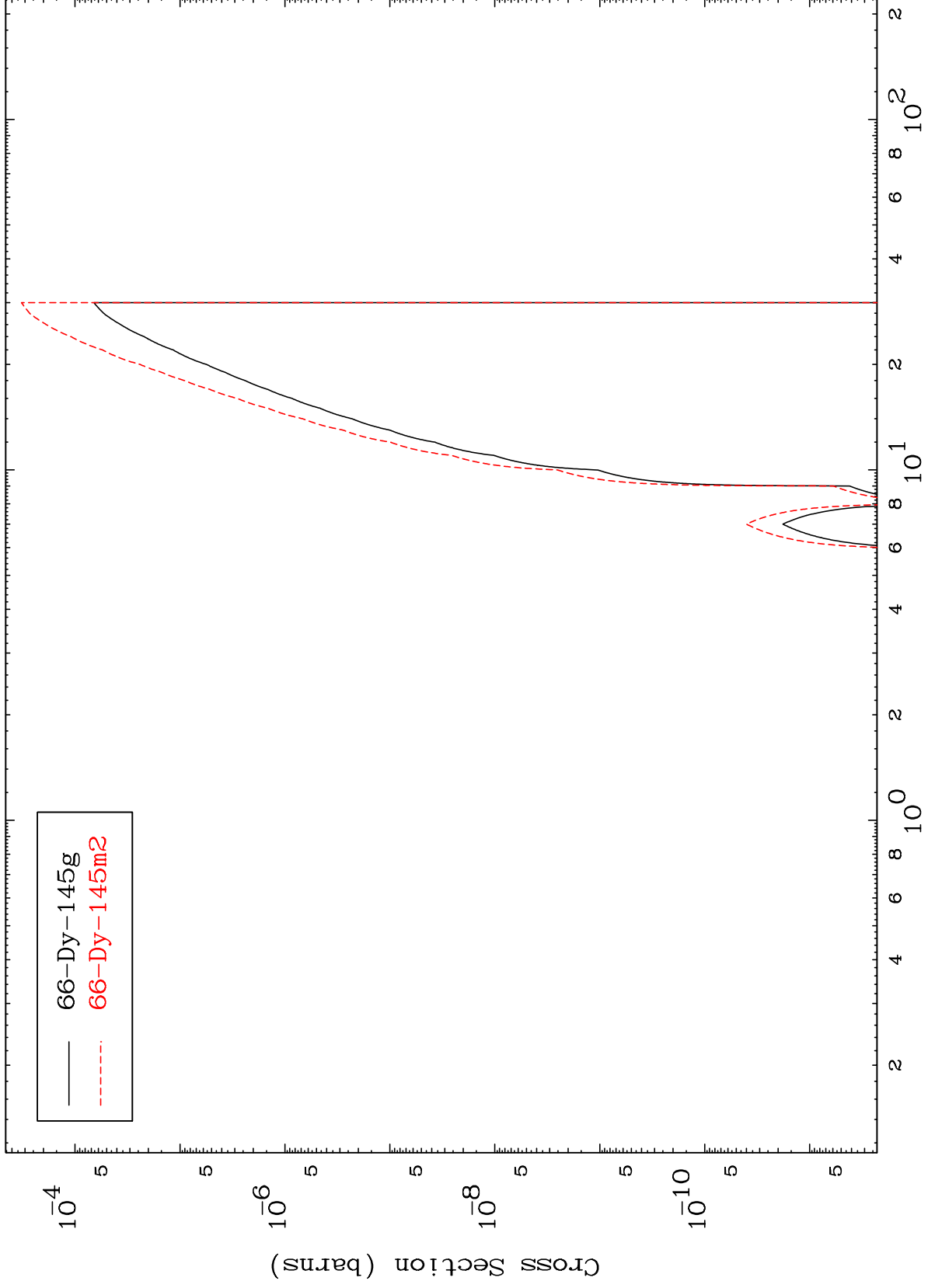
Incident Energy (MeV)

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(n,2α)

69-Tm-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

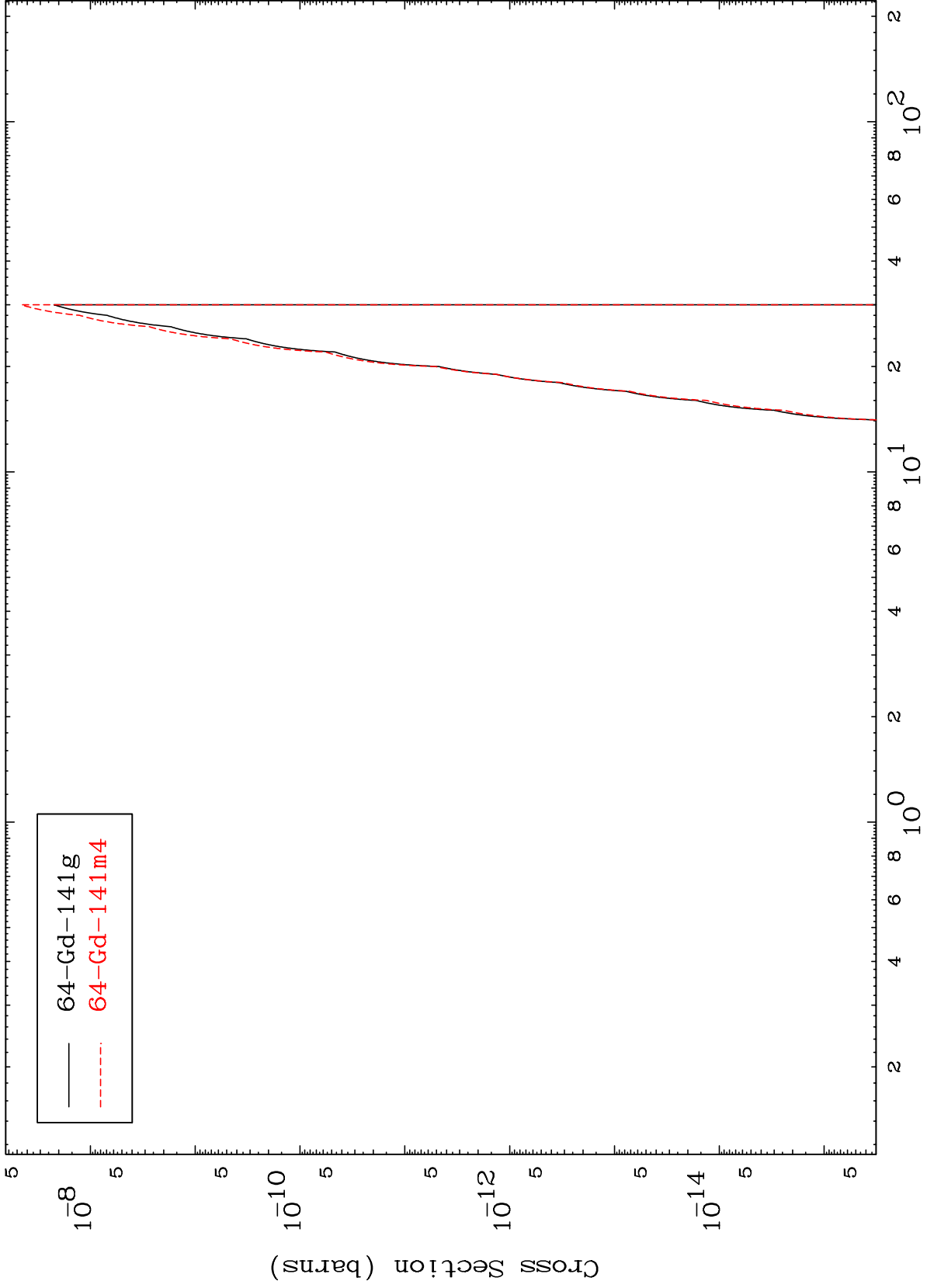
69-Tm-151

MAT 6871

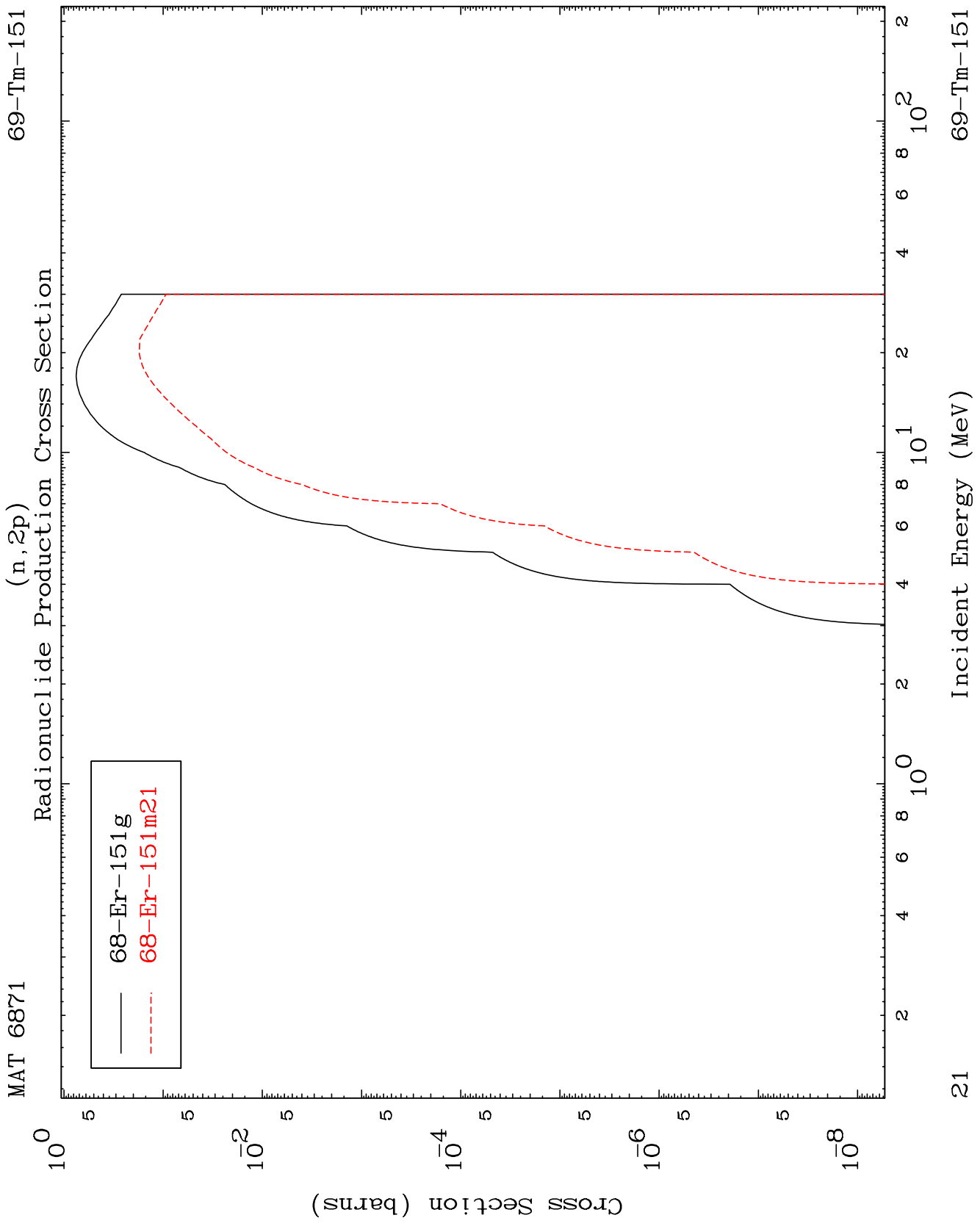
(n, 3 α)

69-Tm-151

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

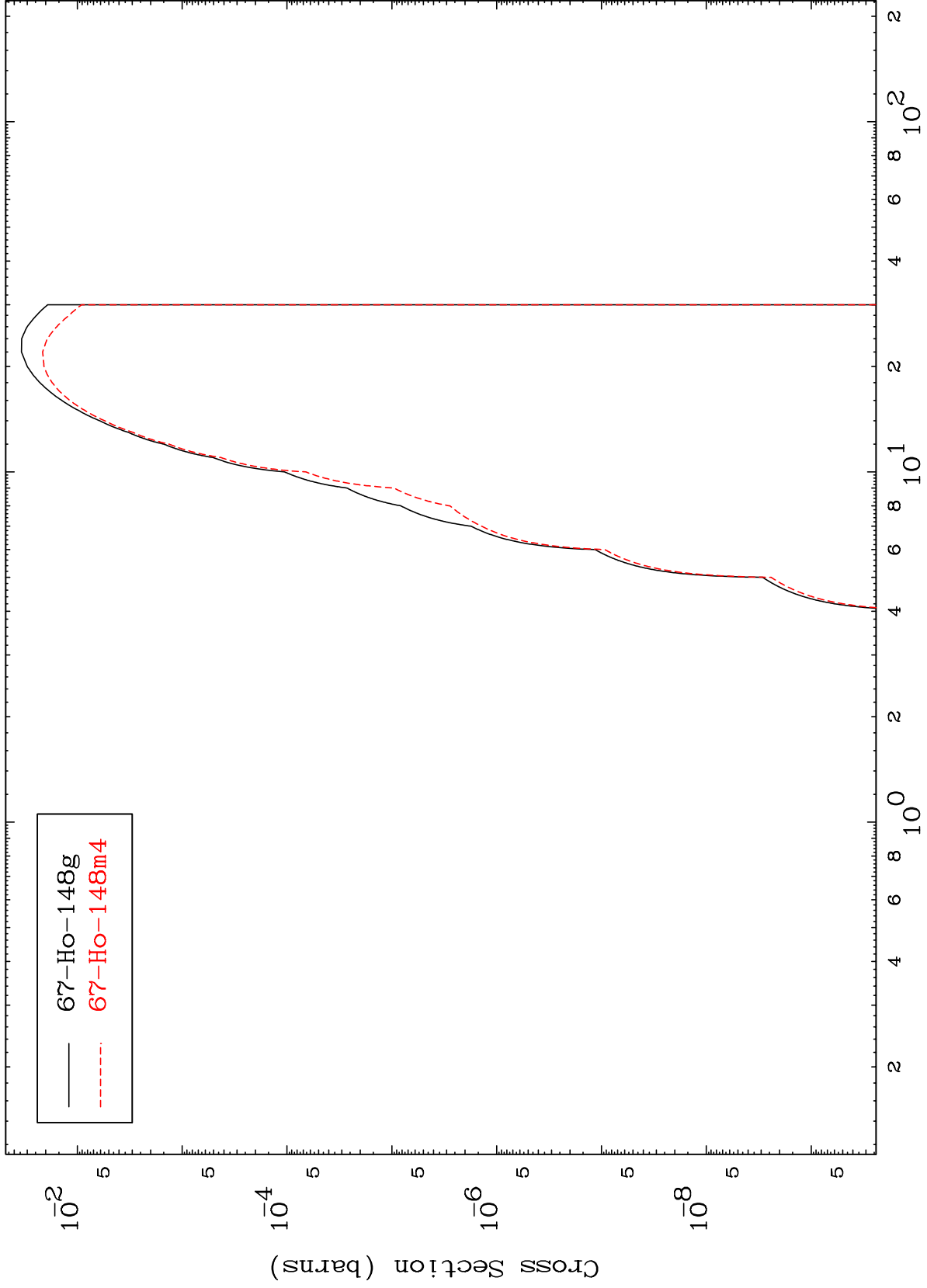


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(n,p) α

69-Tm-151

Radionuclide Production Cross Section

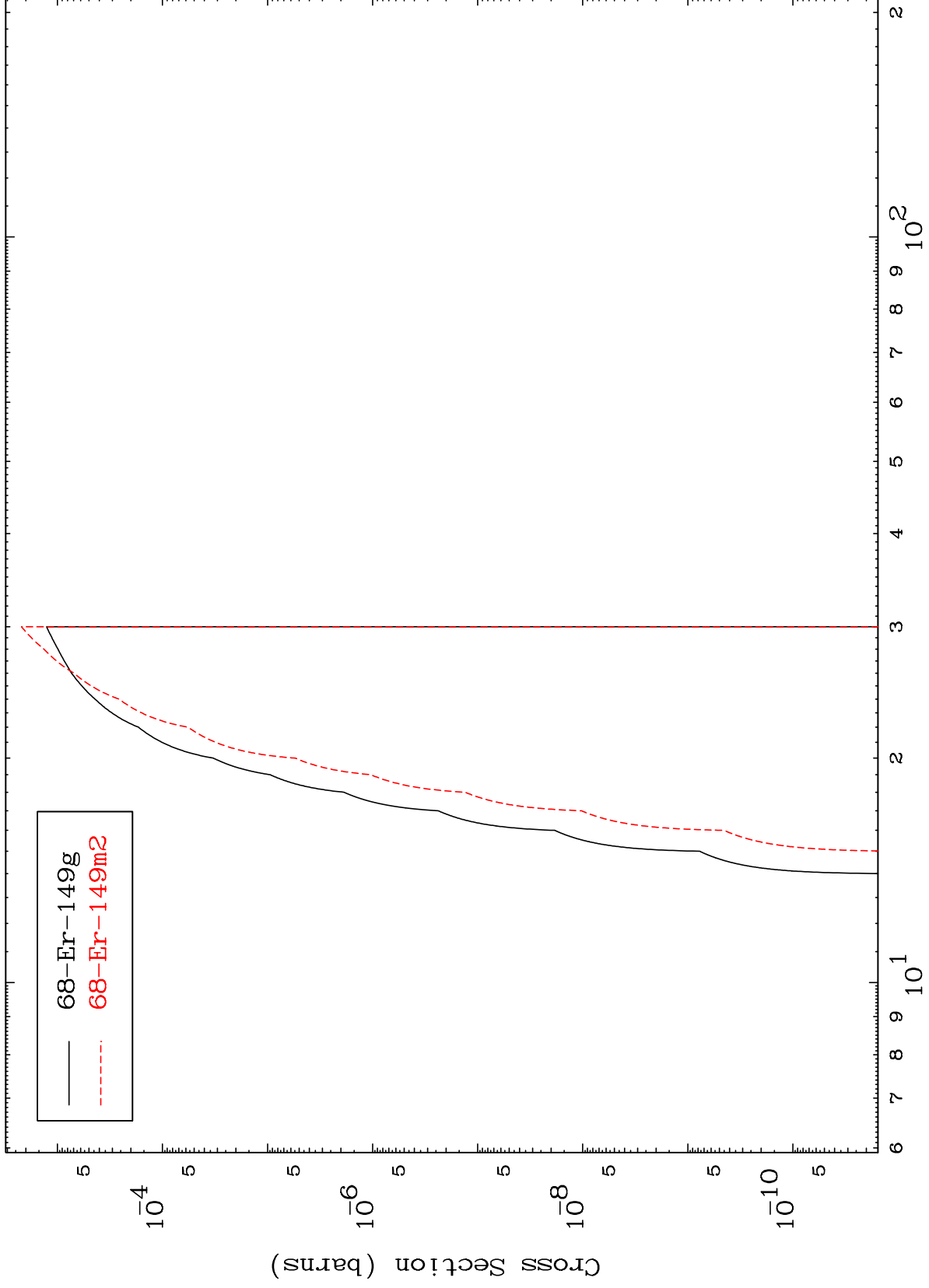


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(n,p) t

69-Tm-151

Radionuclide Production Cross Section



23

Incident Energy (MeV)

69-Tm-151