

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

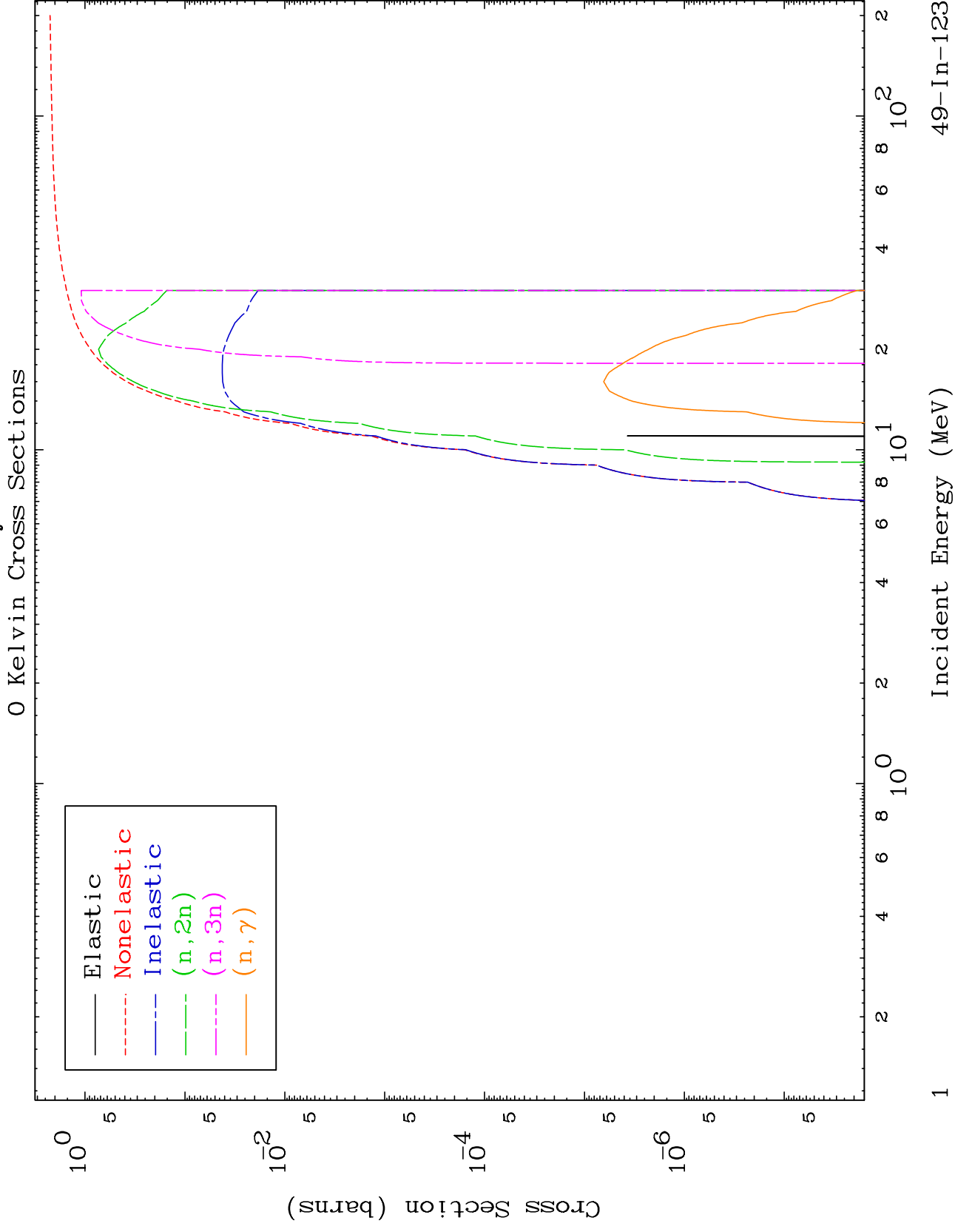
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4955

 α Major

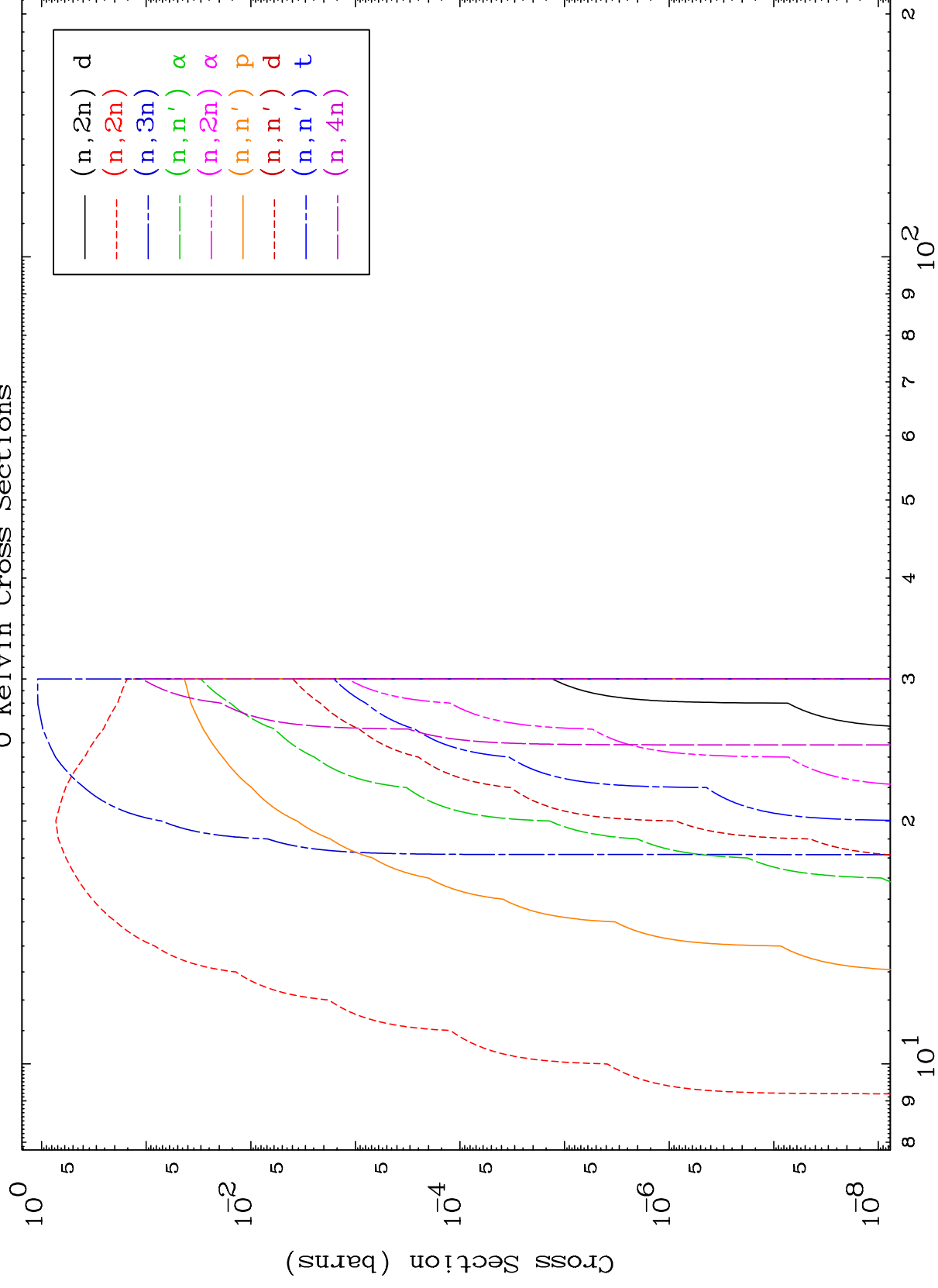
49-In-123



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α Neutron Absorption 0 Kelvin Cross Sections

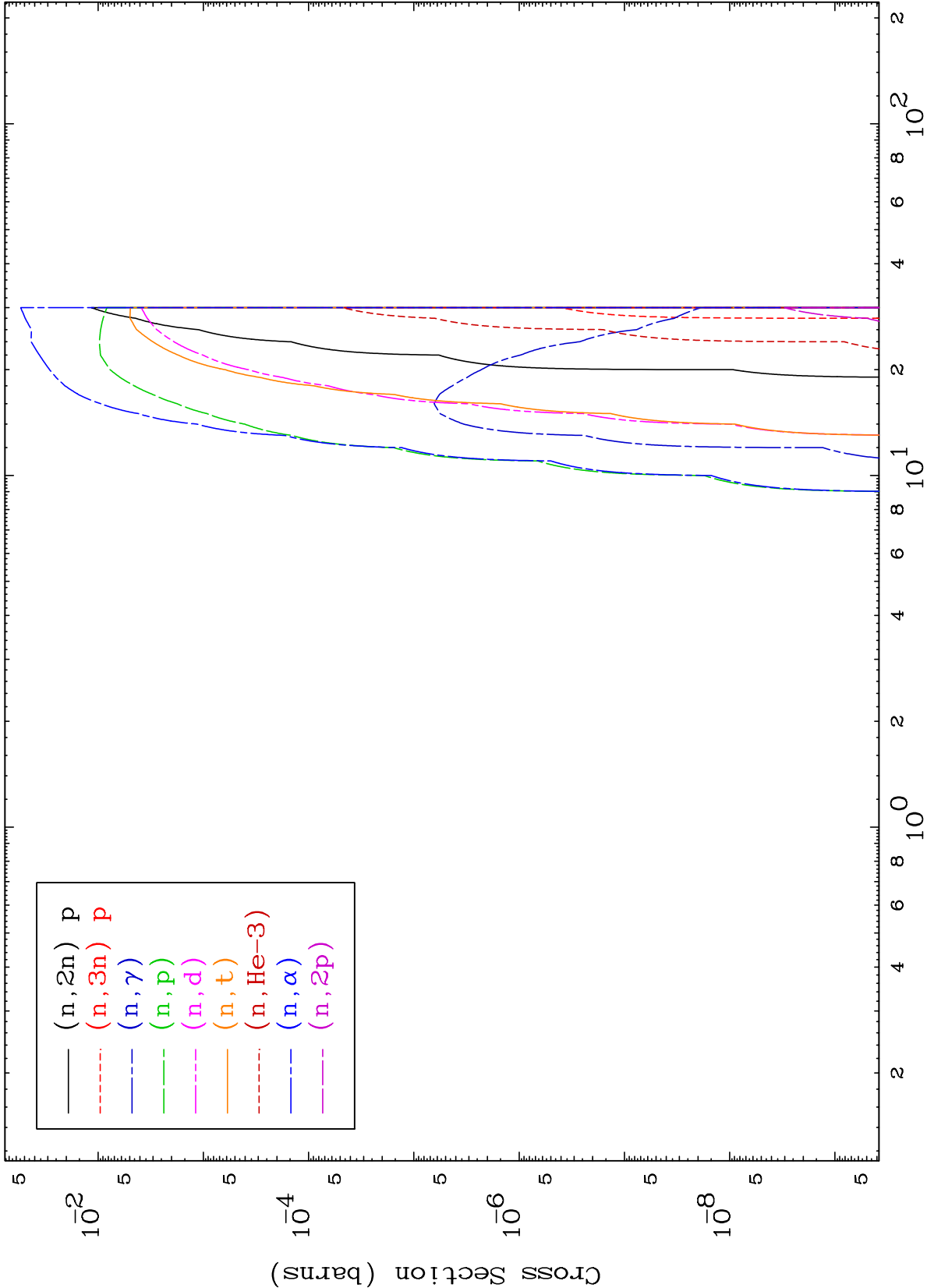
49-In-123

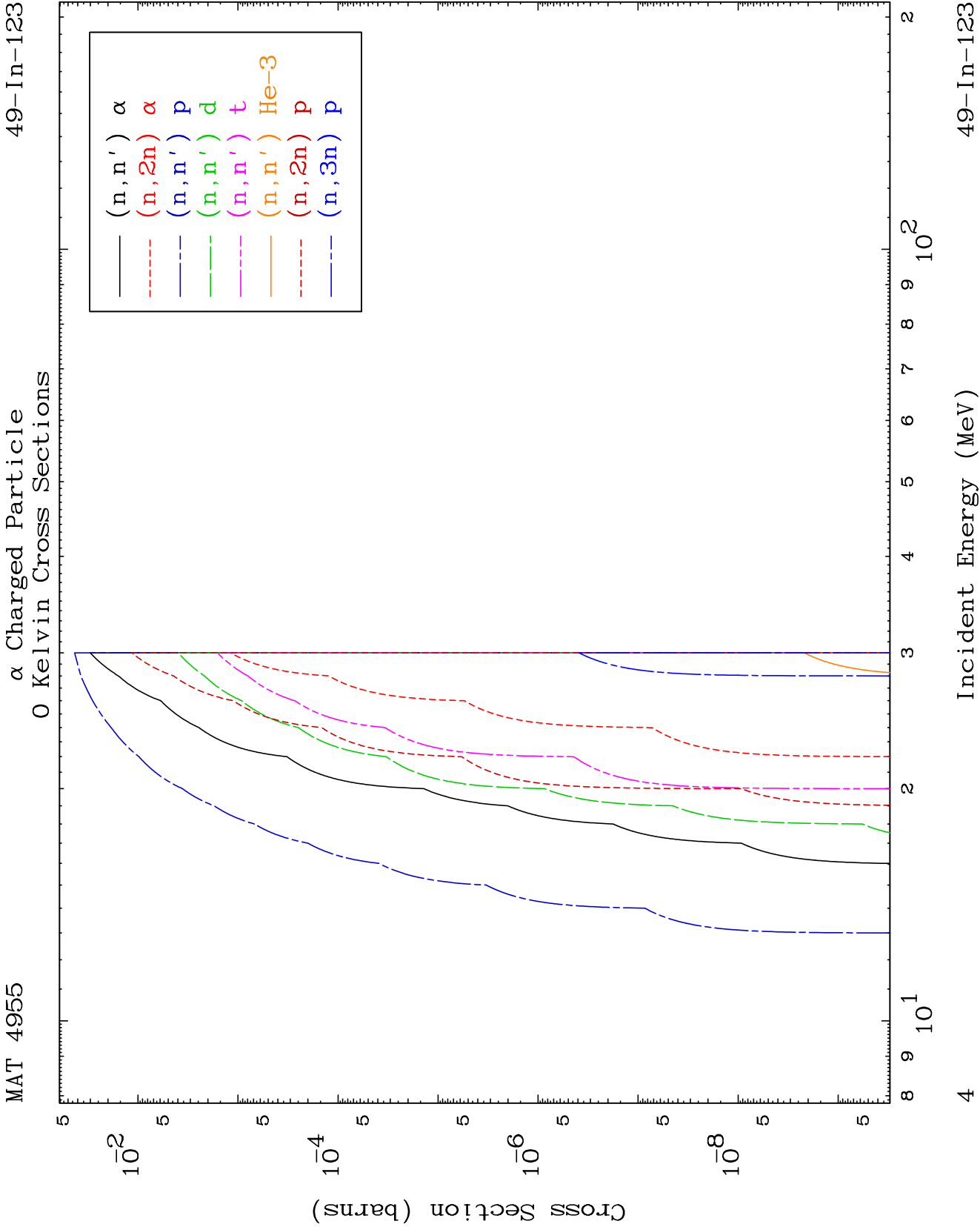


Incident Energy (MeV)

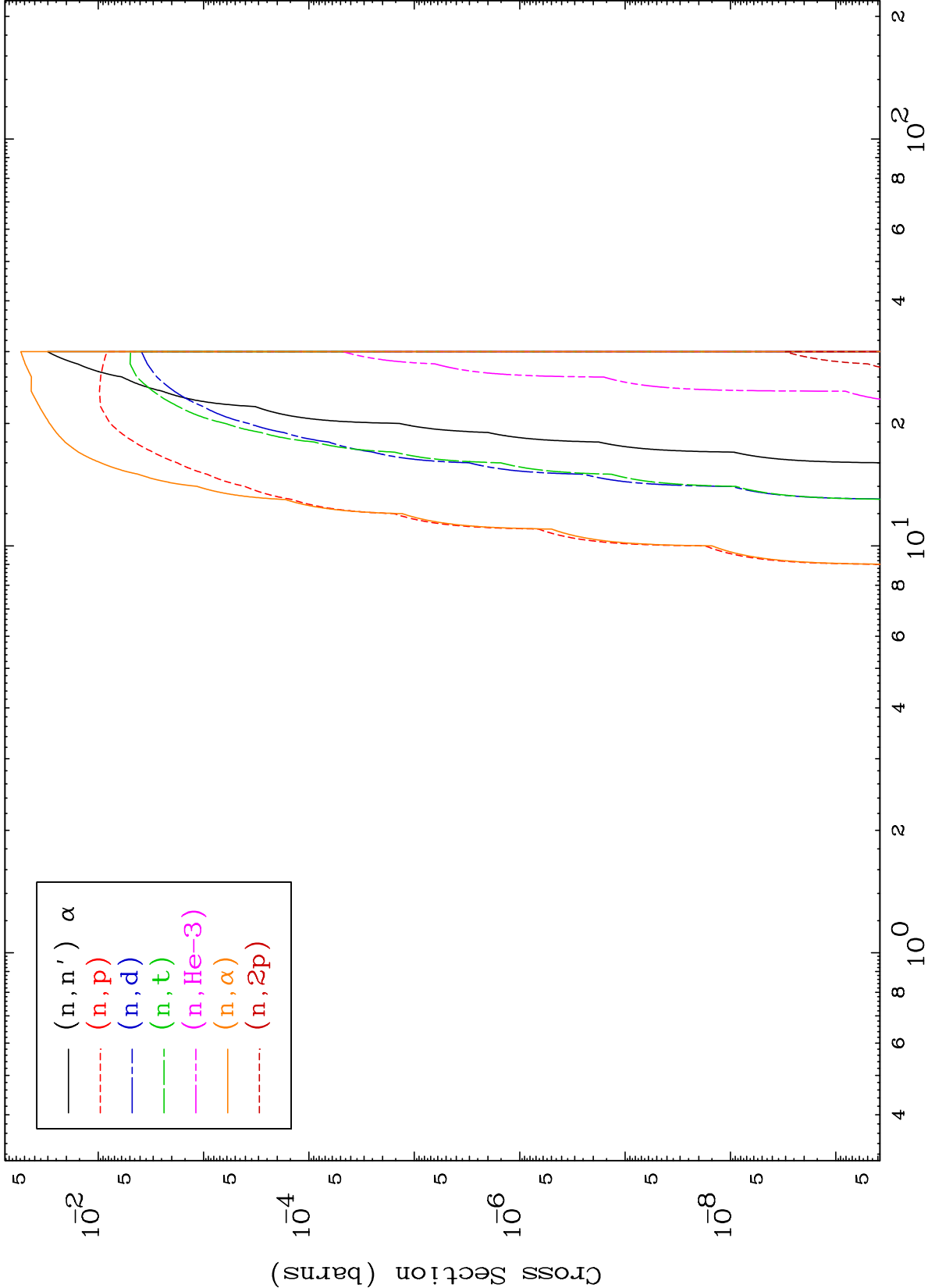
49-In-123

0 Kelvin Cross Sections





0 Kelvin Cross Sections



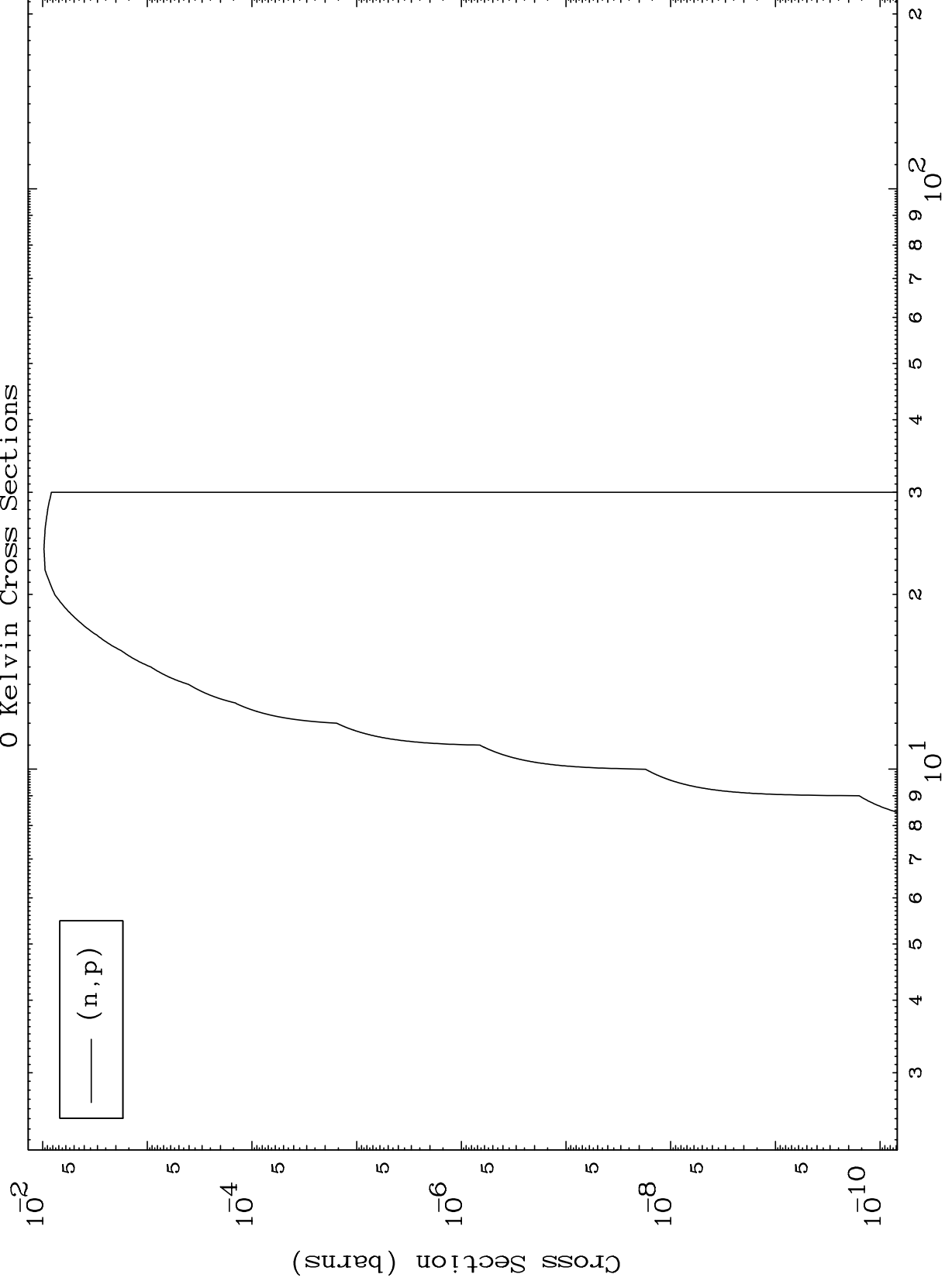
Incident Energy (MeV)

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(α, p) Levels

49-In-123

0 Kelvin Cross Sections



6

Incident Energy (MeV)

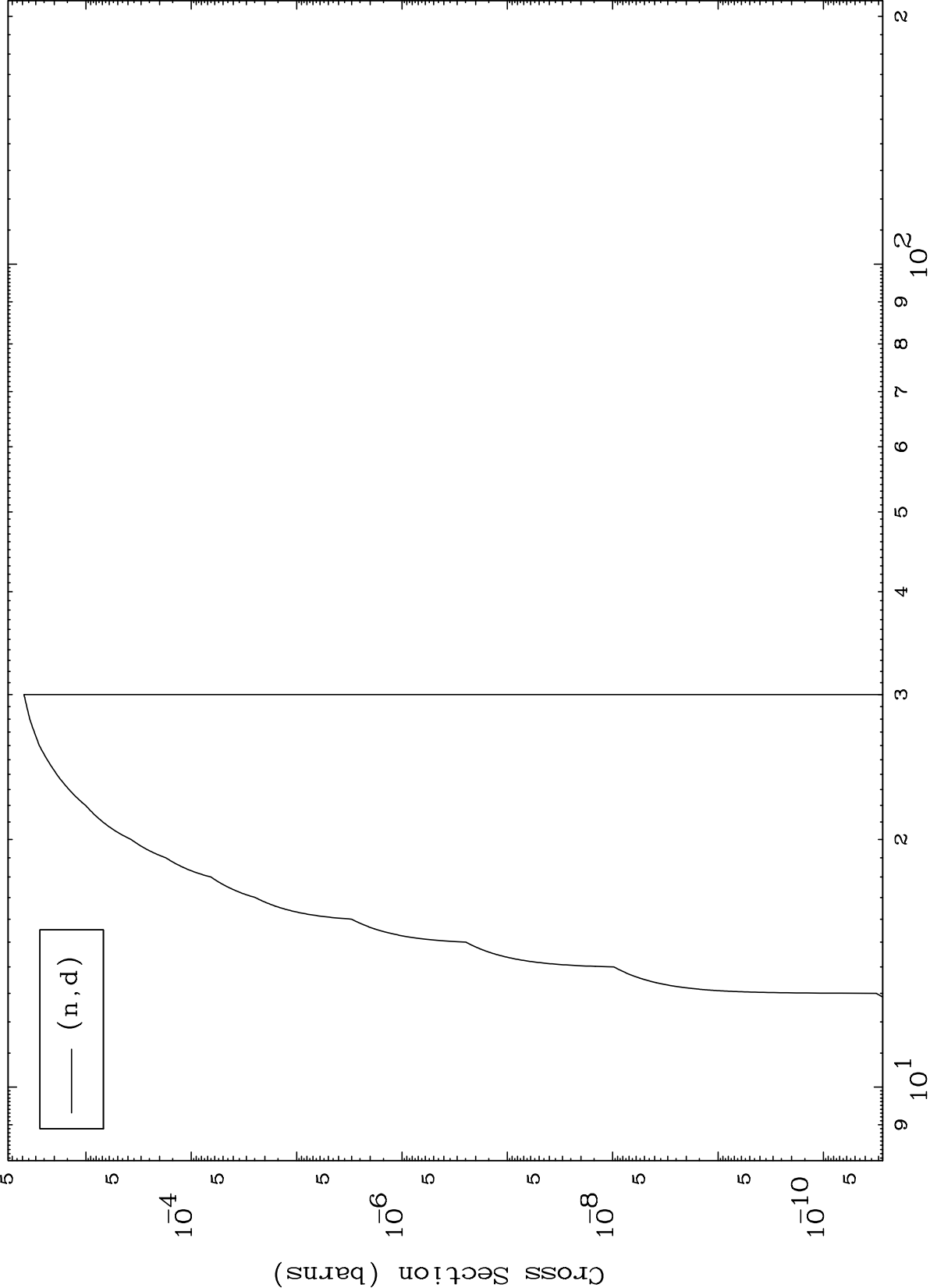
49-In-123

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(α ,d) Levels

49-In-123

0 Kelvin Cross Sections



Incident Energy (MeV)

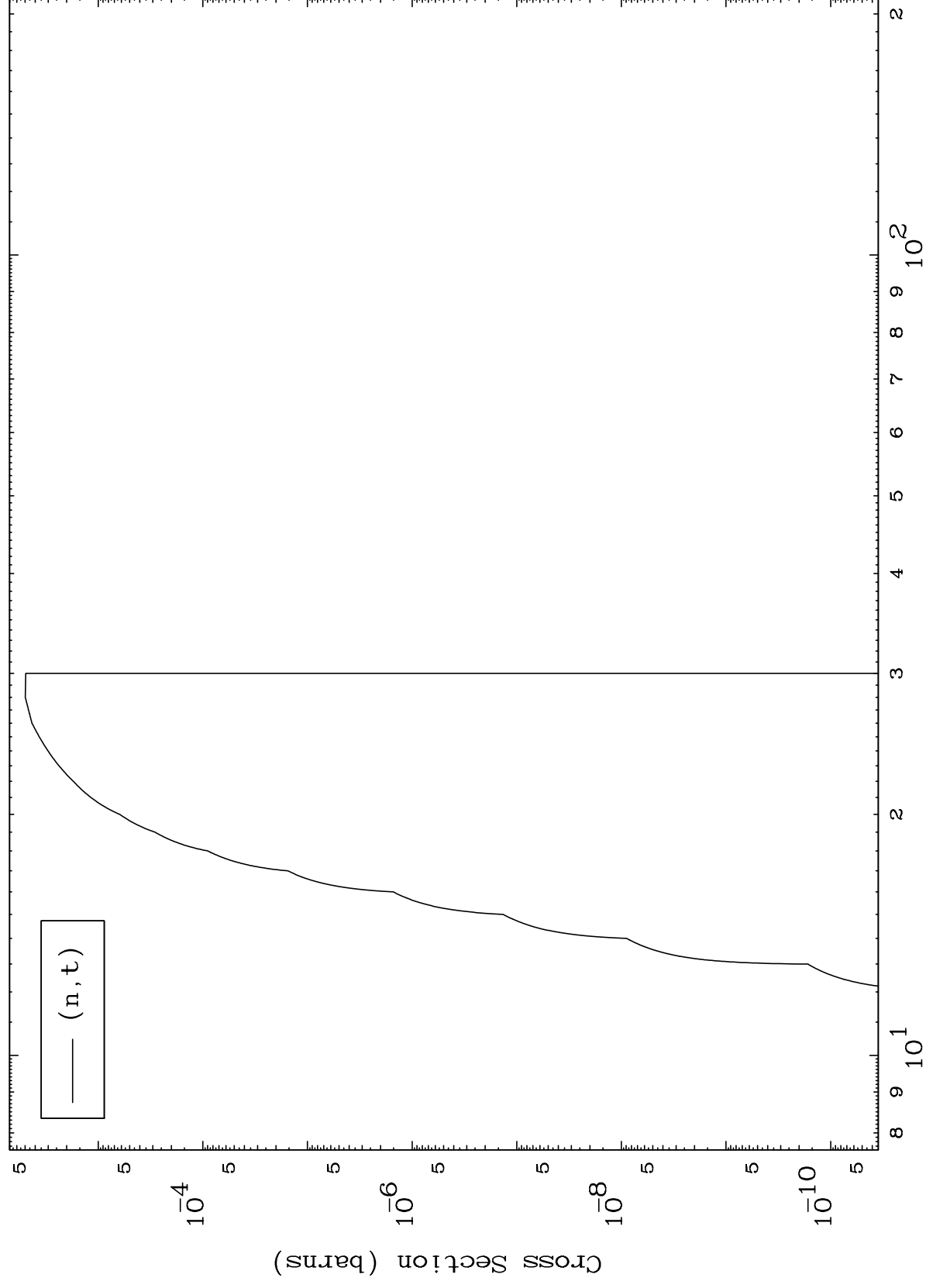
49-In-123

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 (α, t) Levels

49-In-123

0 Kelvin Cross Sections

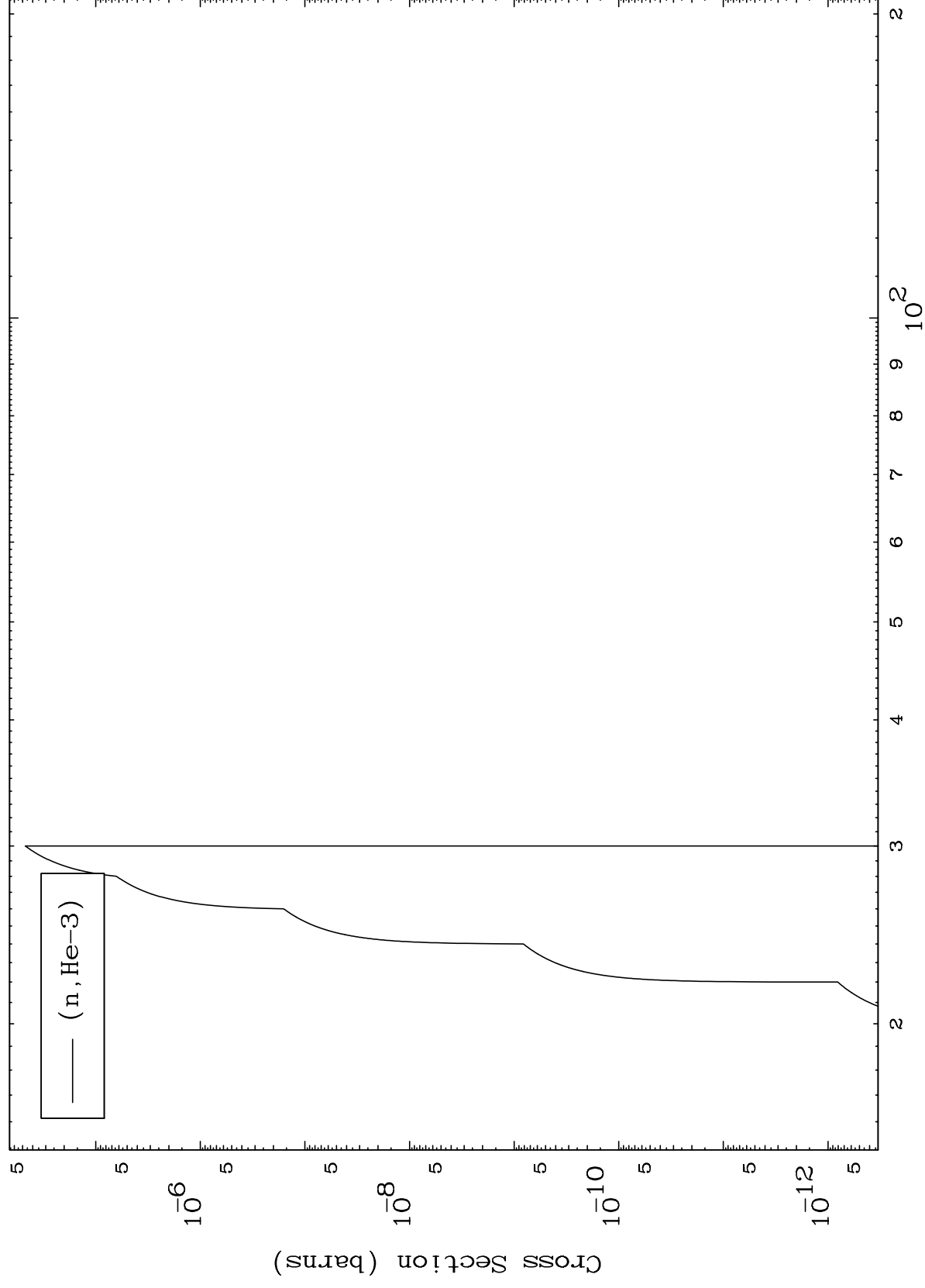


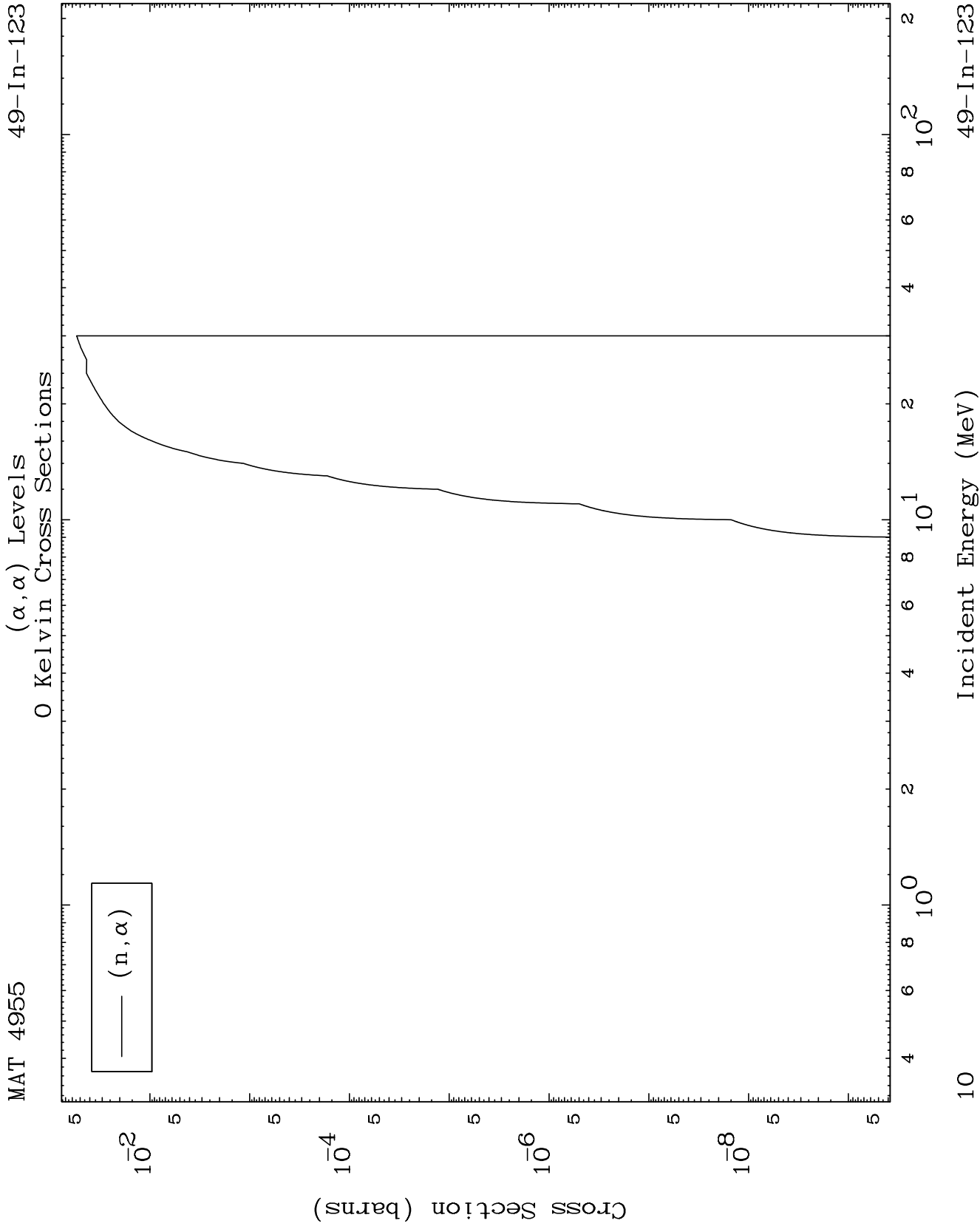
8

Incident Energy (MeV)

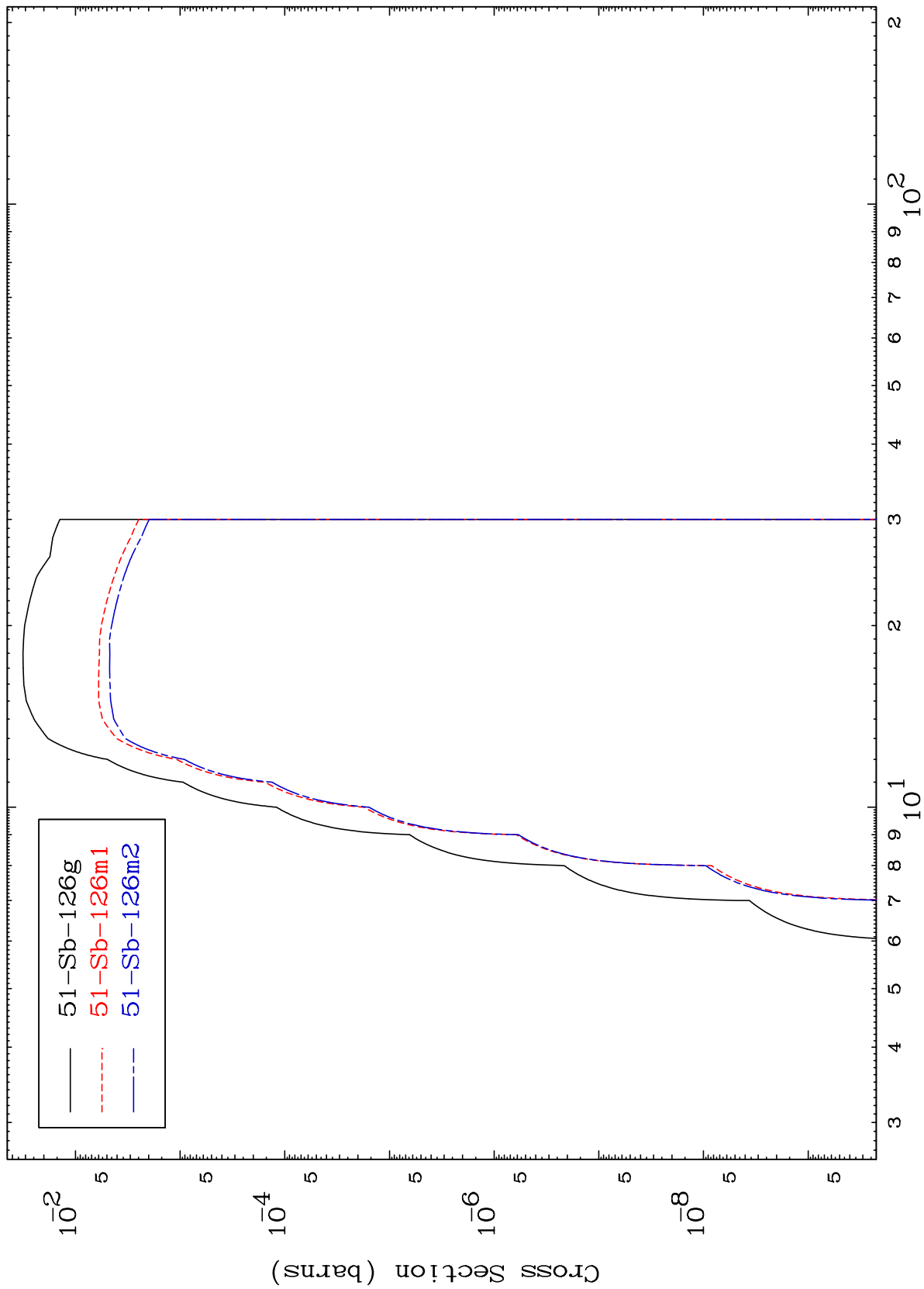
49-In-123

(α , He3) Levels
0 Kelvin Cross Sections





Radionuclide Production Cross Section

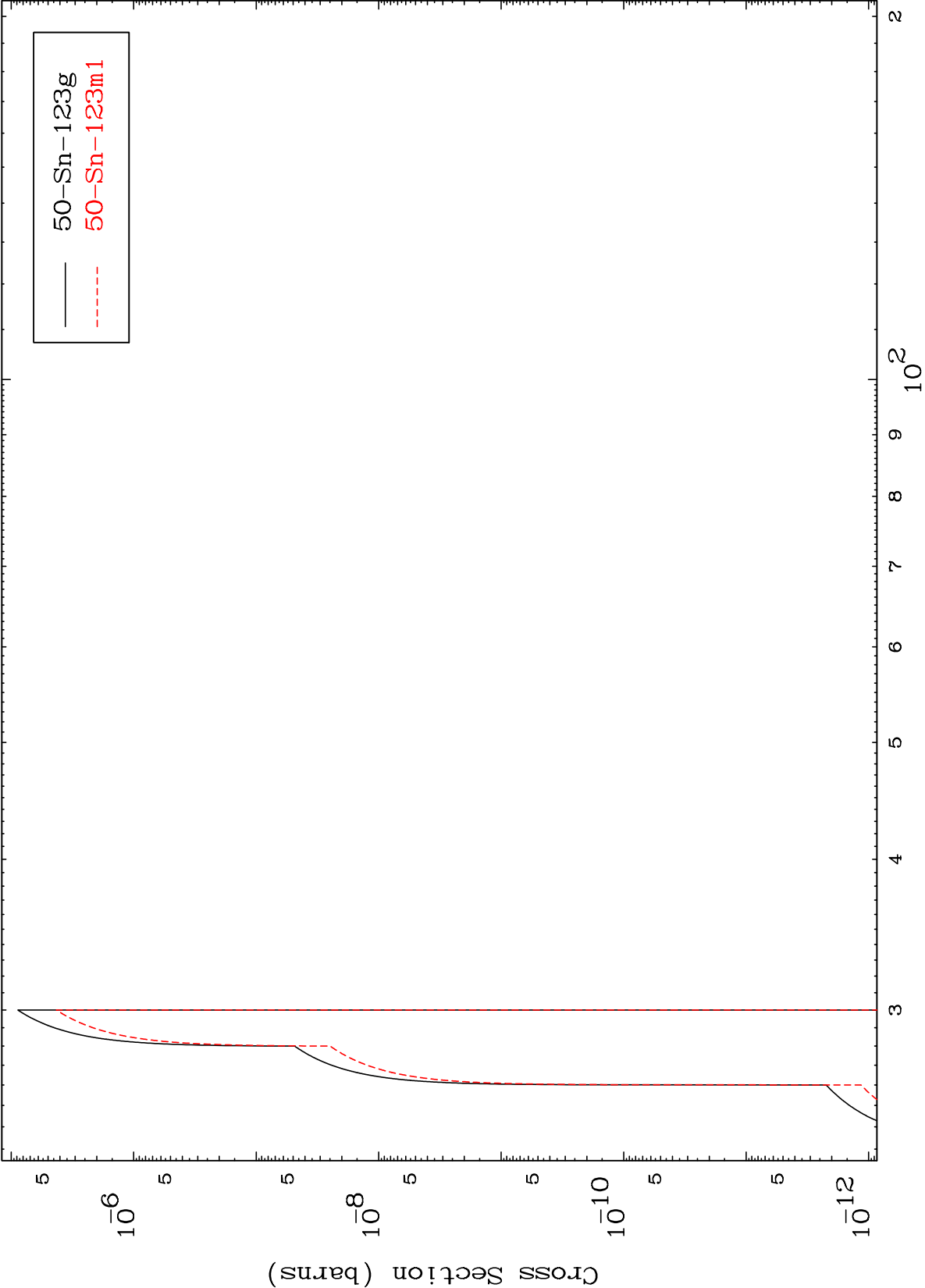


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(n,2n) d

49-In-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

10²

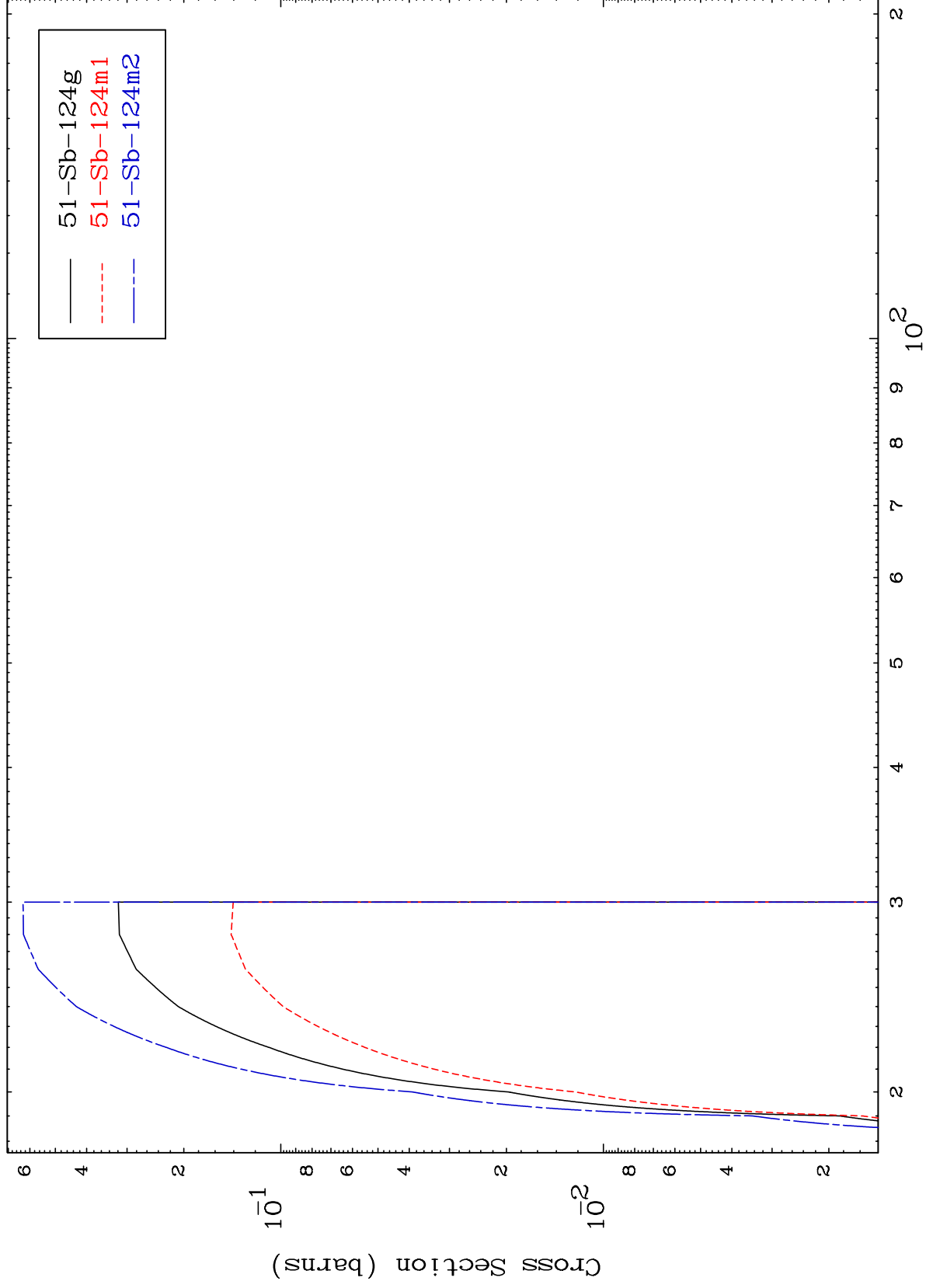
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(n,3n)

49-In-123

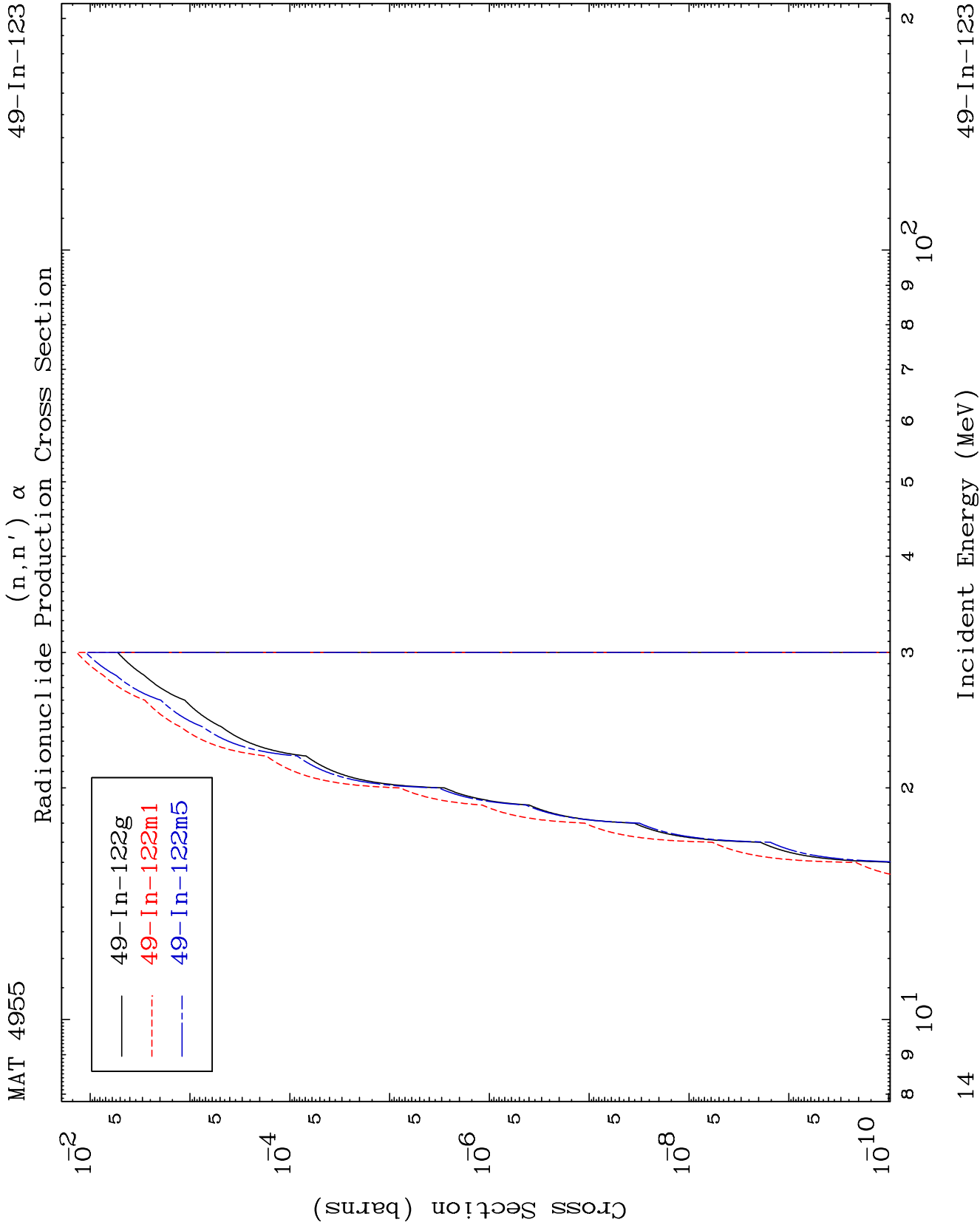
Radionuclide Production Cross Section

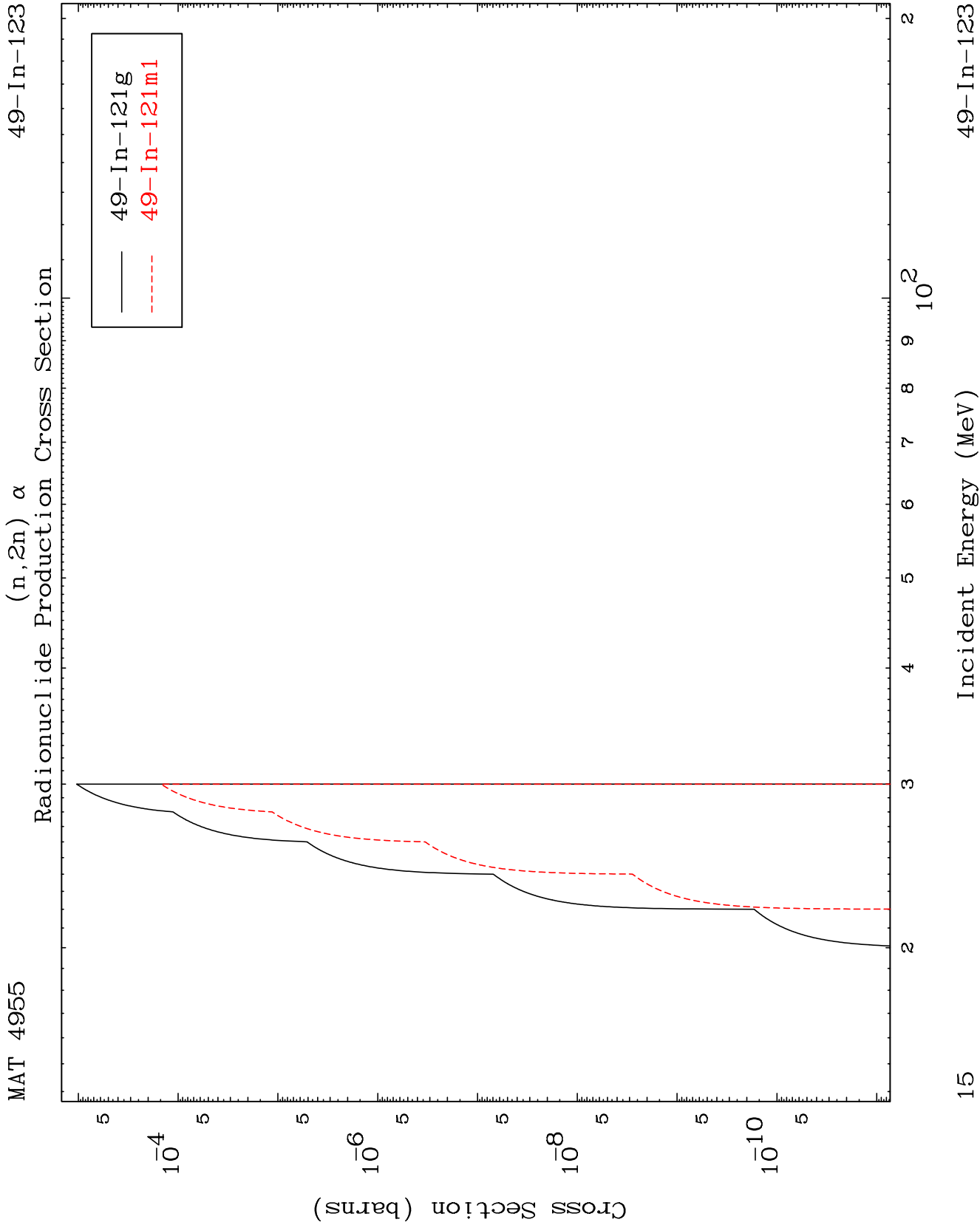


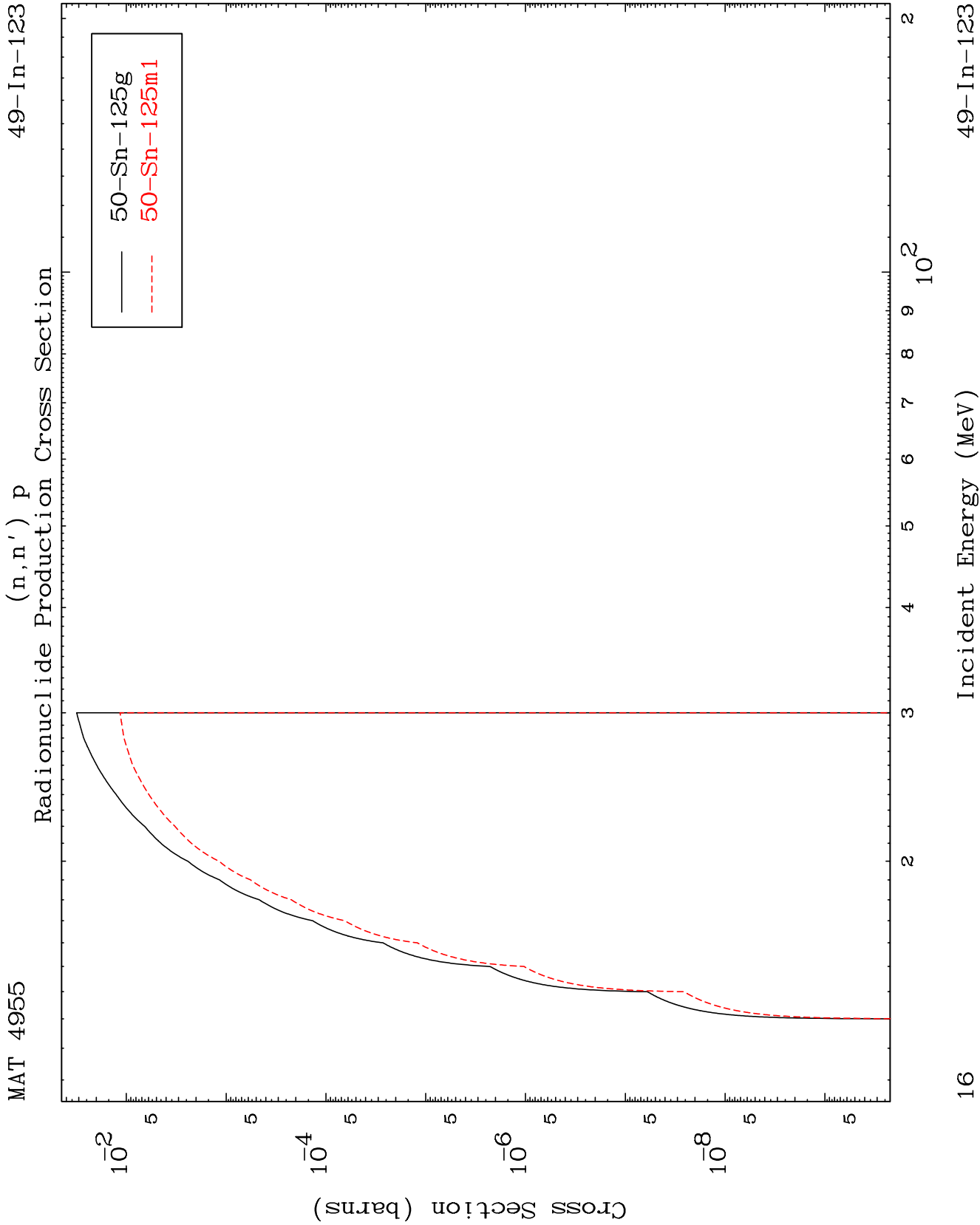
13

Incident Energy (MeV)

49-In-123





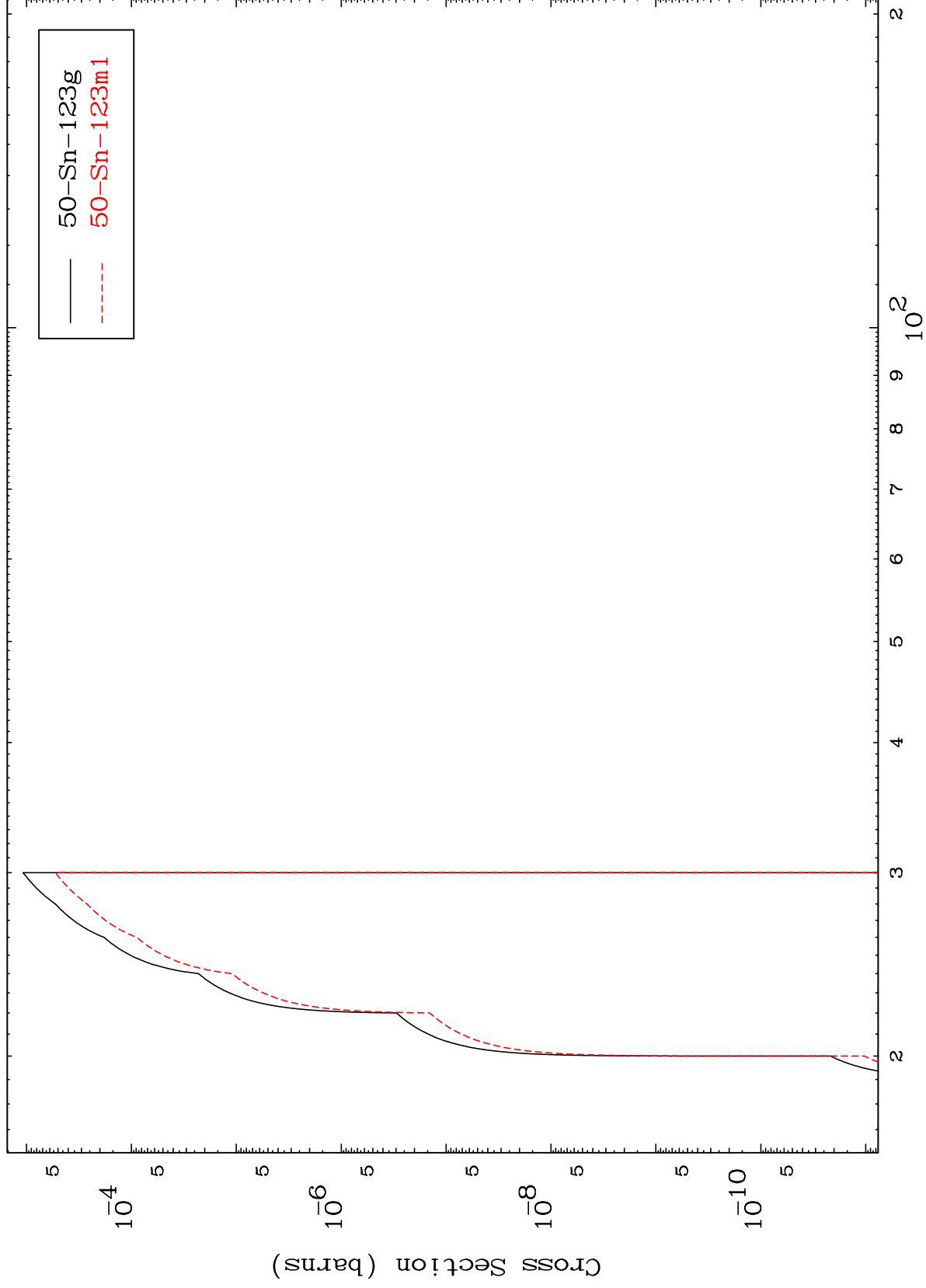


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(n,n') t

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Radionuclide Production Cross Section



17

Incident Energy (MeV)

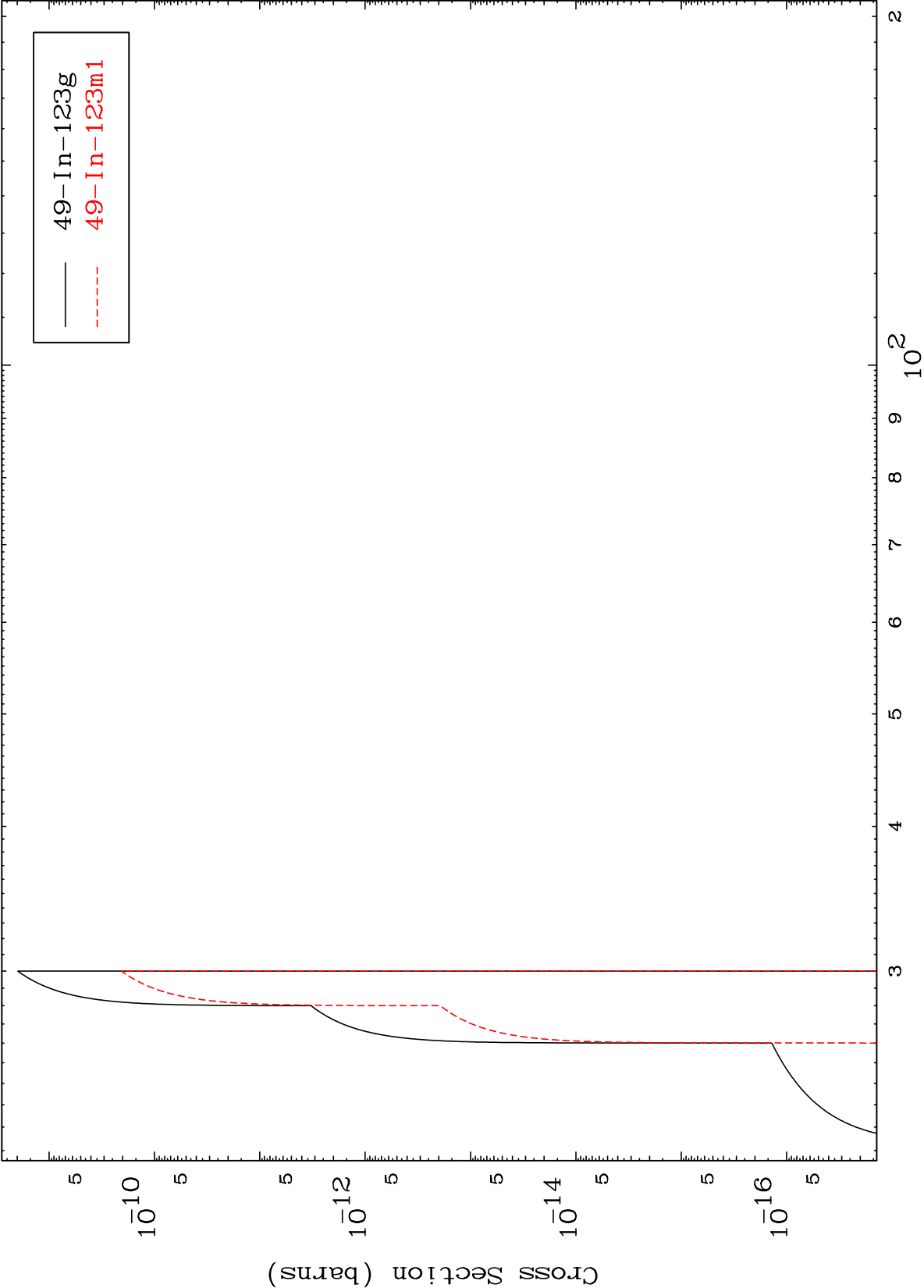
49-In-123

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(n,n') He-3

49-In-123

Radionuclide Production Cross Section



18

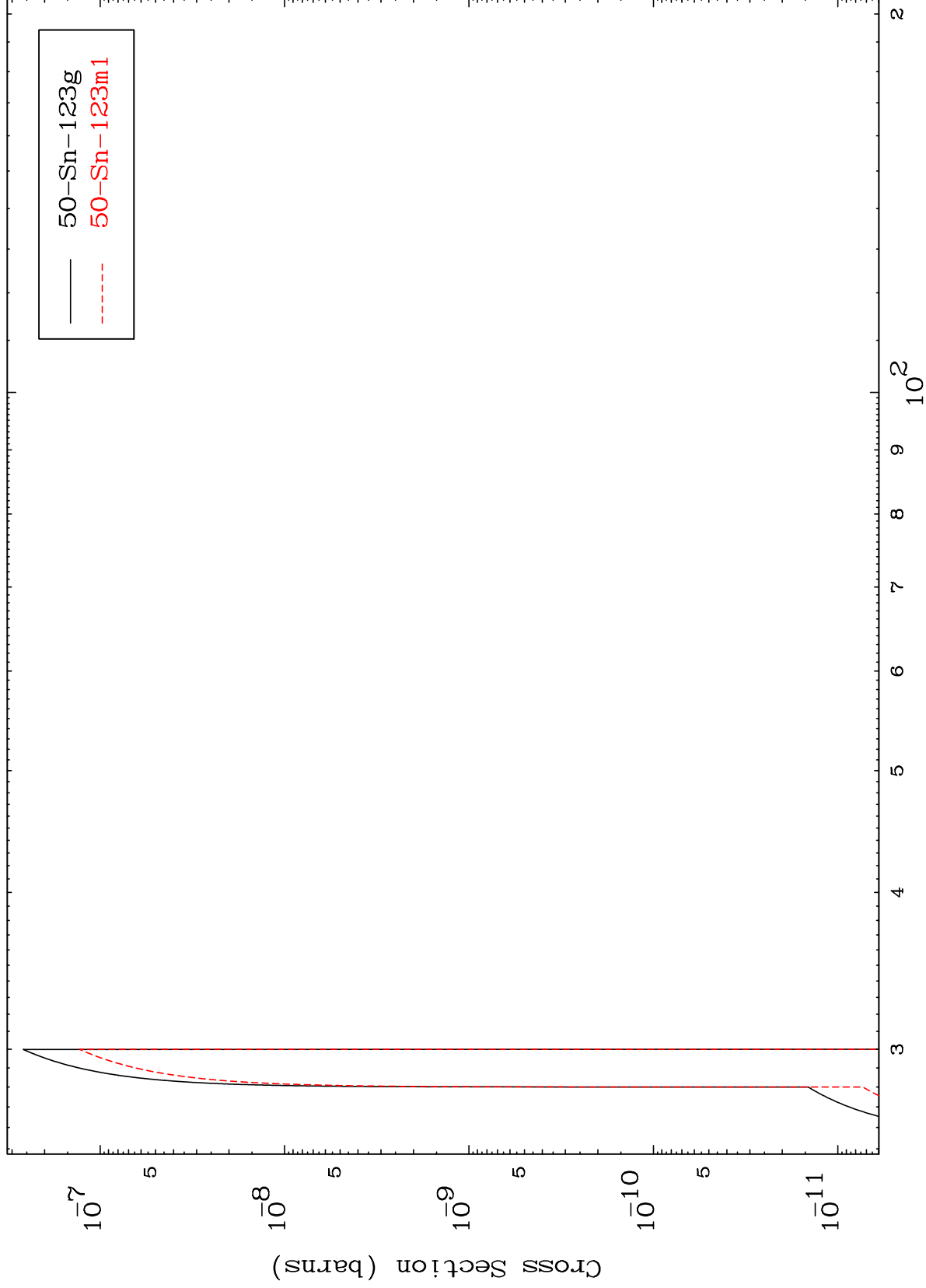
Incident Energy (MeV)

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49-In-123

(n,3n) p
Radionuclide Production Cross Section



19

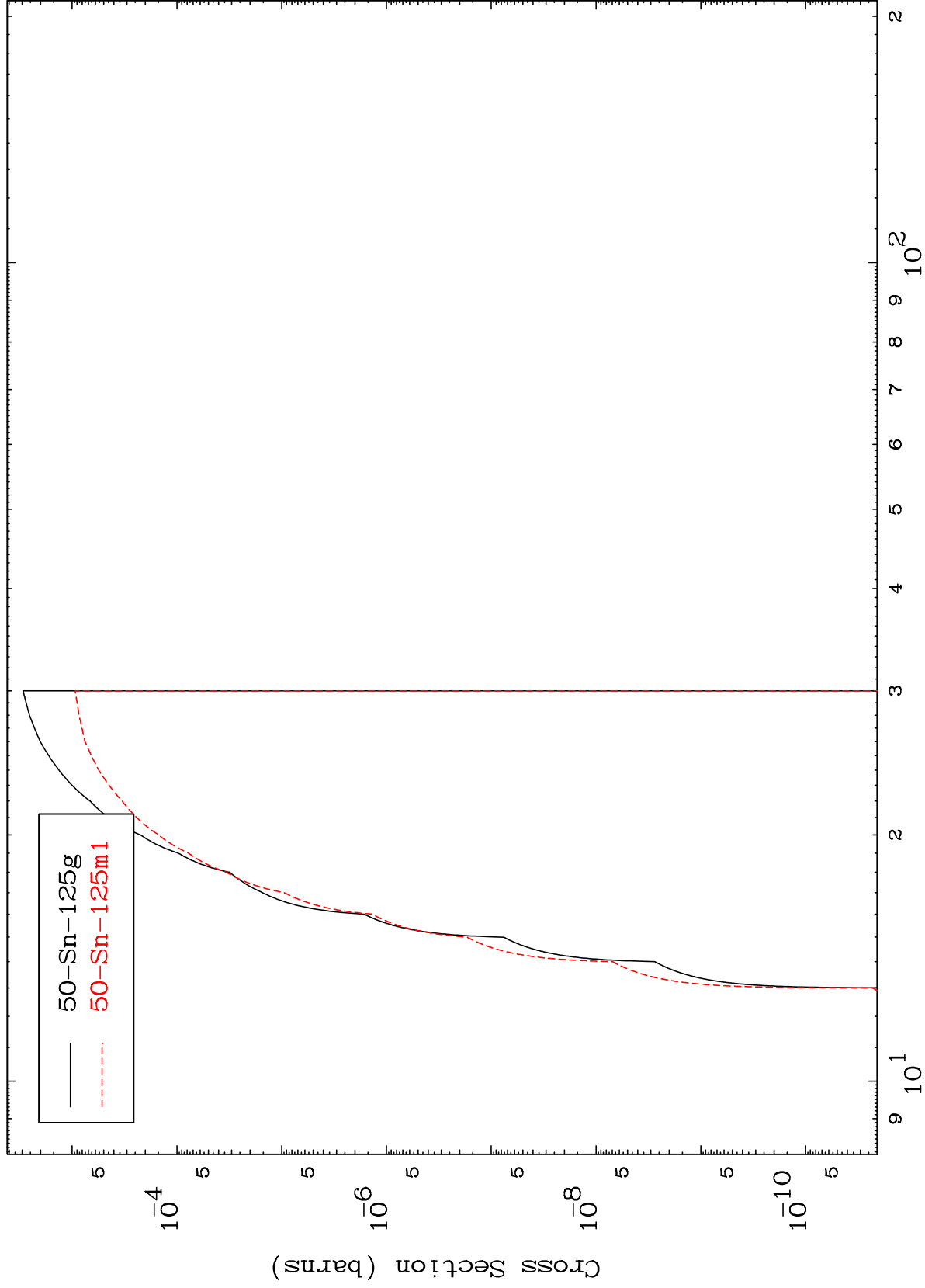
Incident Energy (MeV)

49-In-123

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49-In-123

Radionuclide Production Cross Section



20

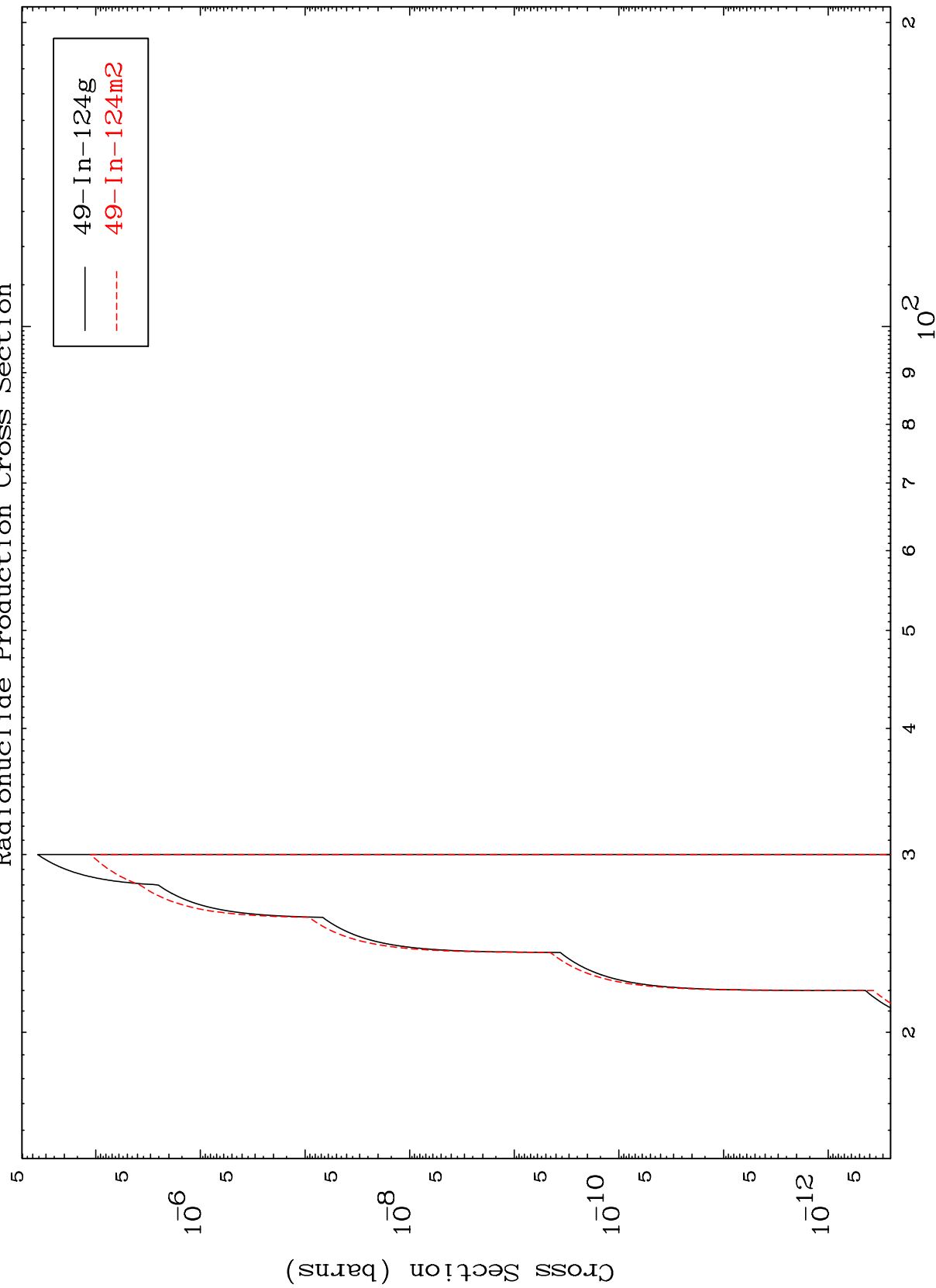
Incident Energy (MeV)

49-In-123

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49-In-123

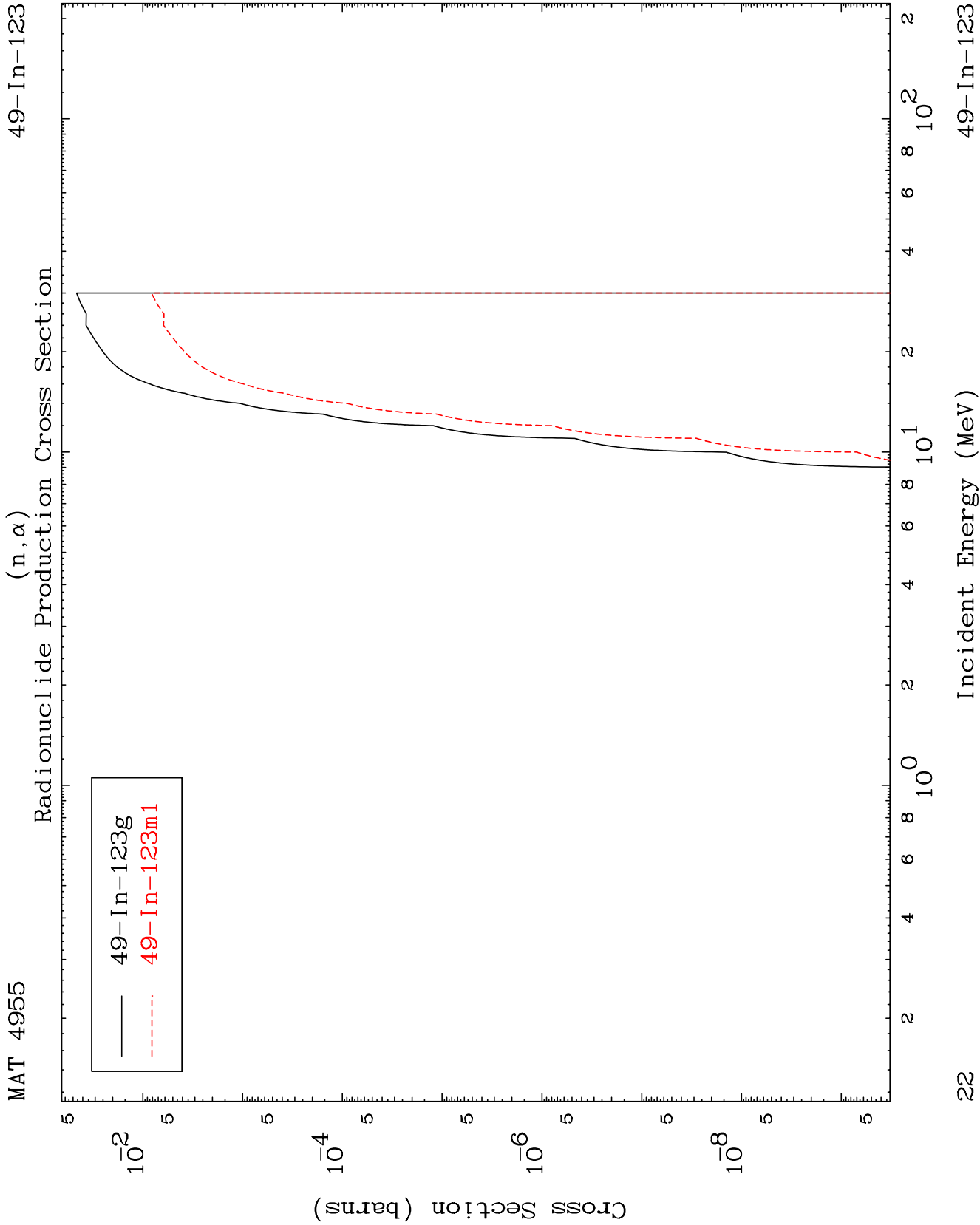
Radionuclide Production Cross Section
(n,He-3)



21

Incident Energy (MeV)

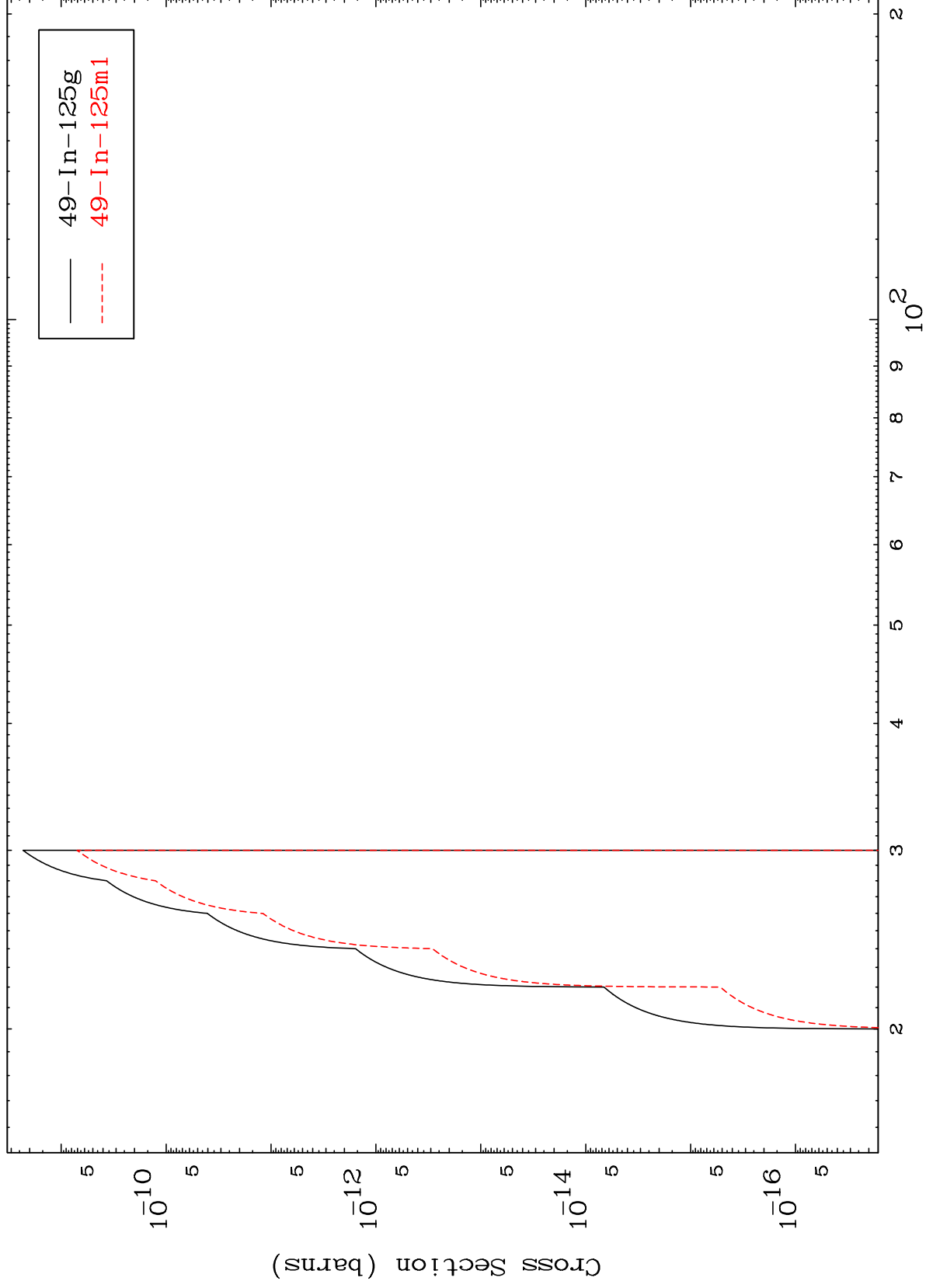
49-In-123



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49-In-123

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-123