

Program EVALPLOT
(Version 2021-1)

by

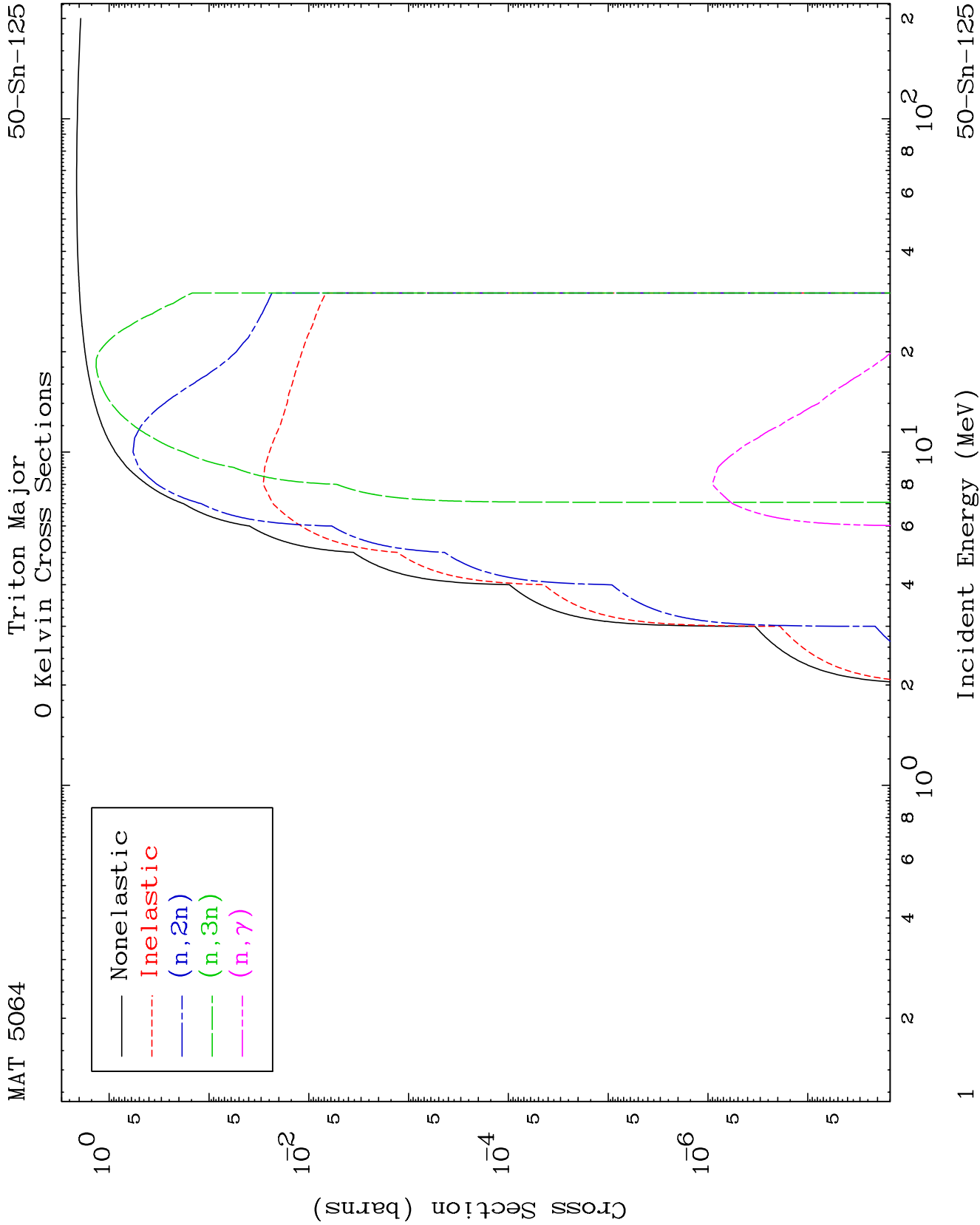
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

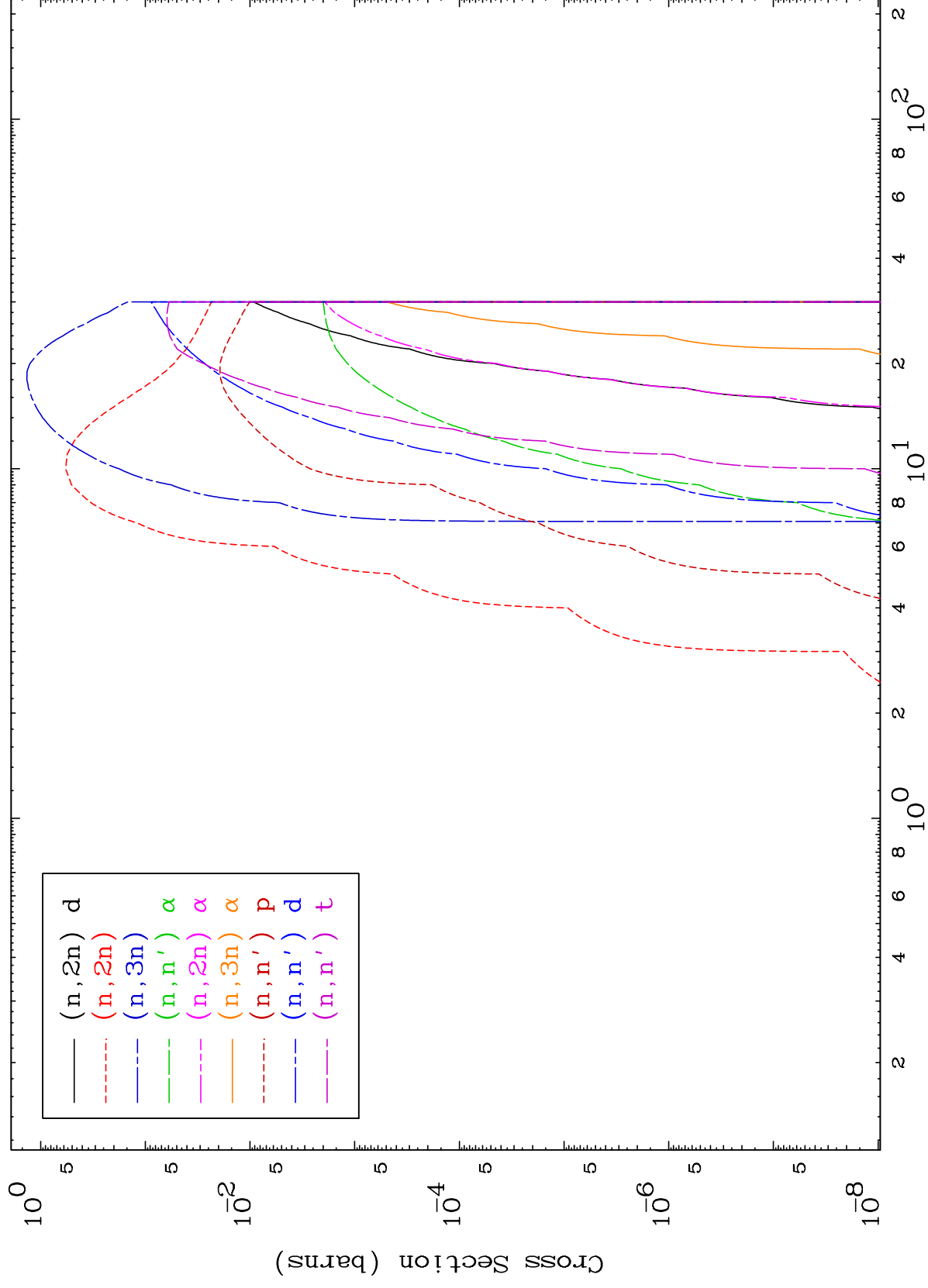
Press Mouse Button to Start



MAT 5064

Triton Neutron Absorption
0 Kelvin Cross Sections

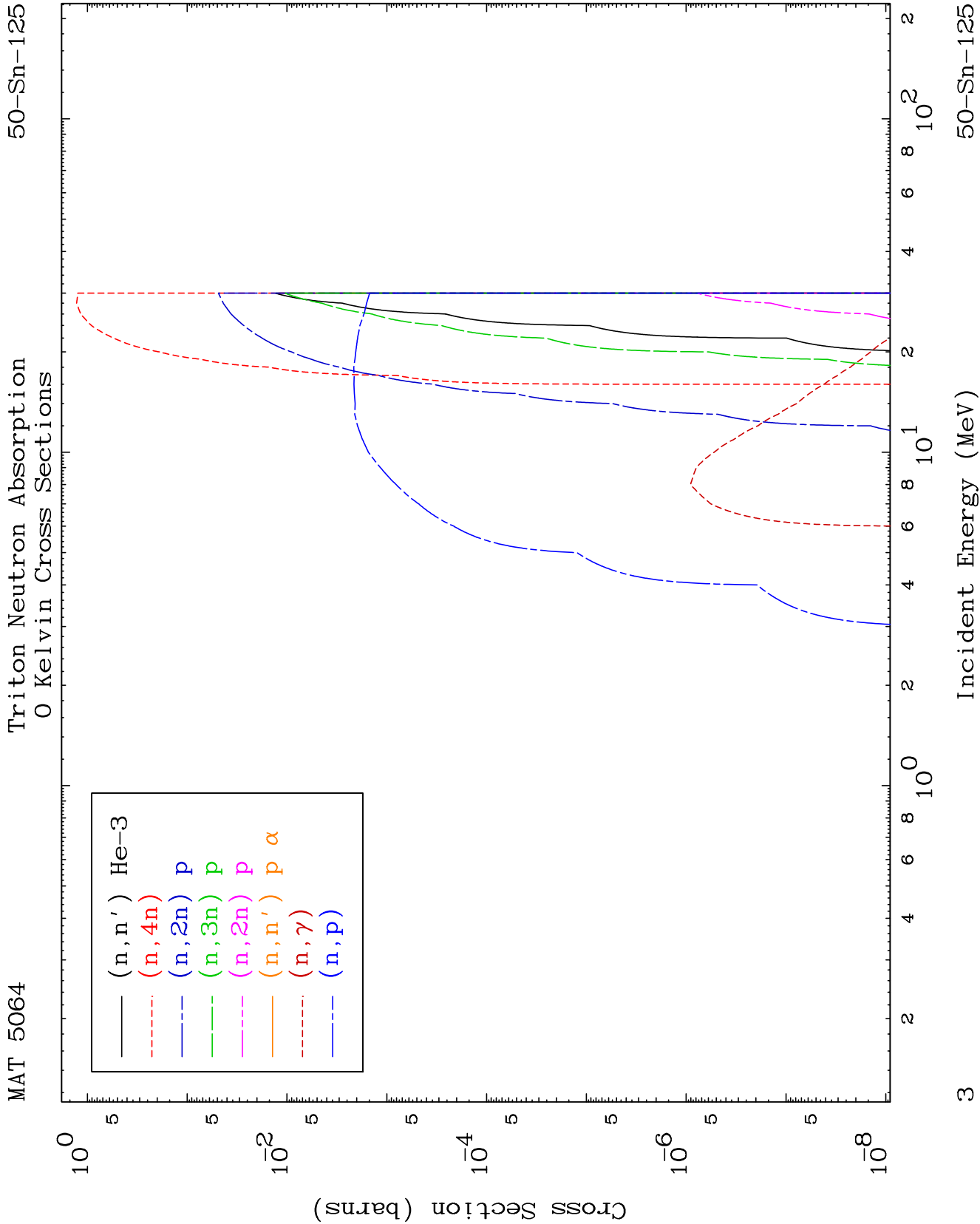
50-Sn-125

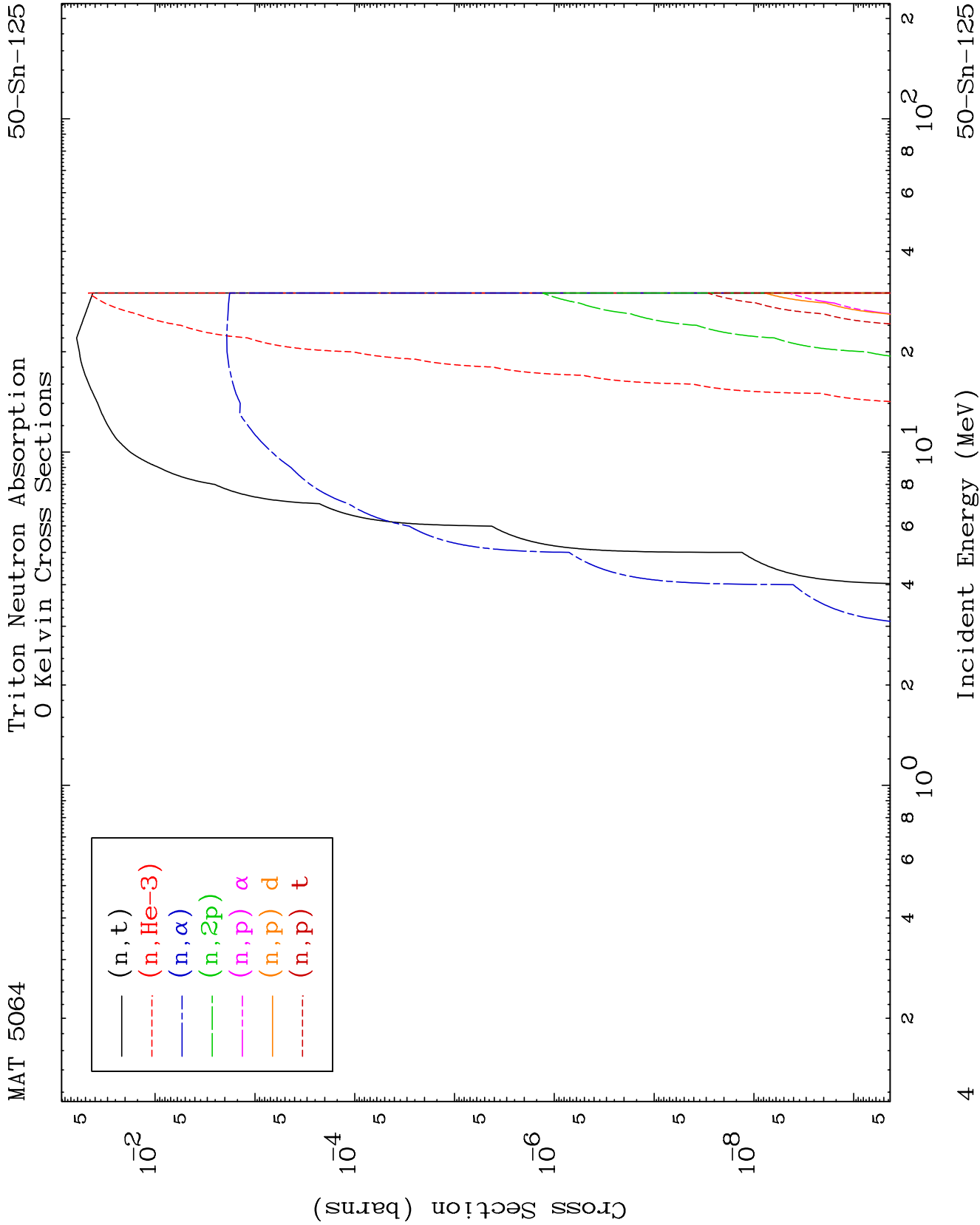


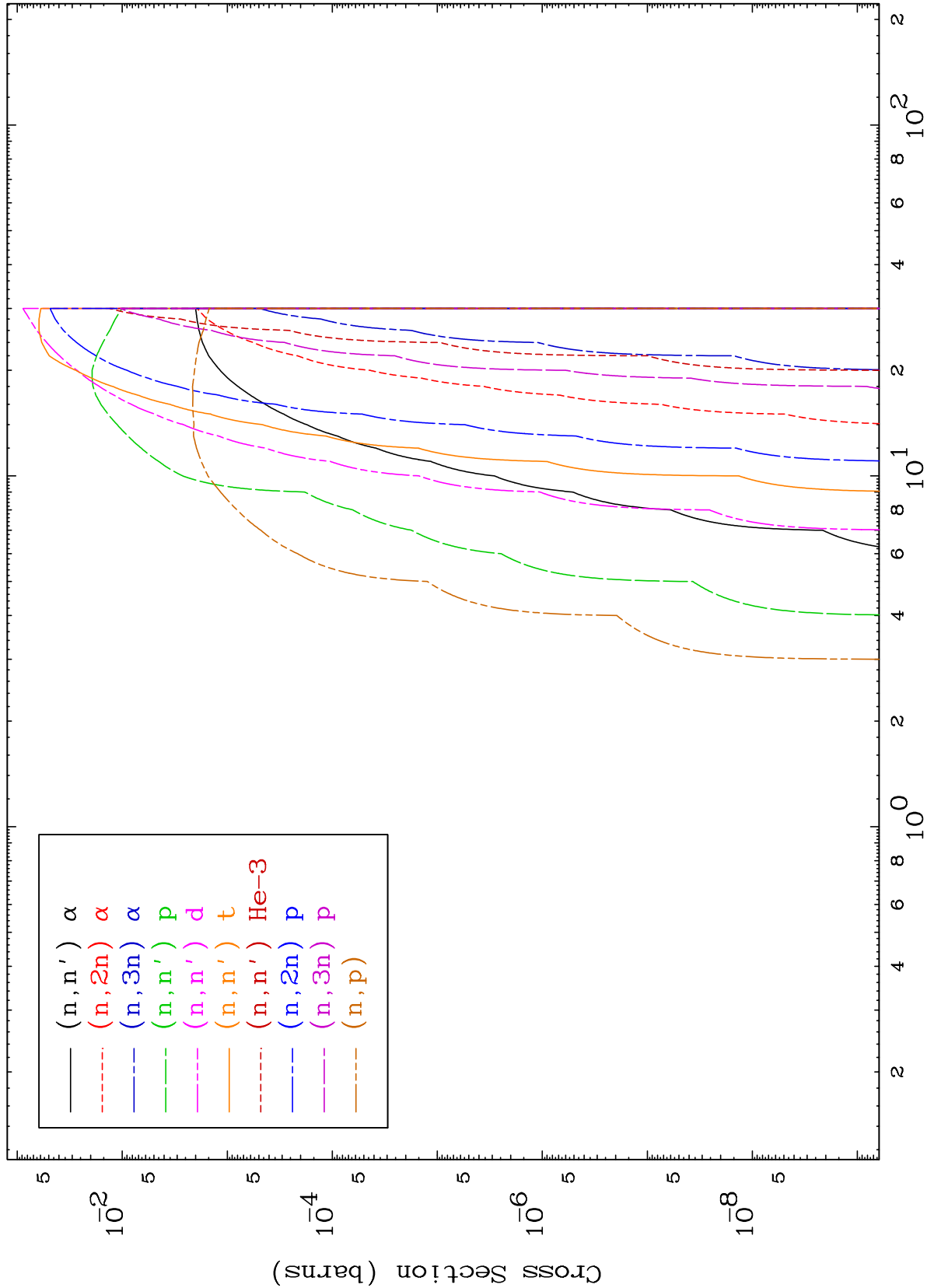
2

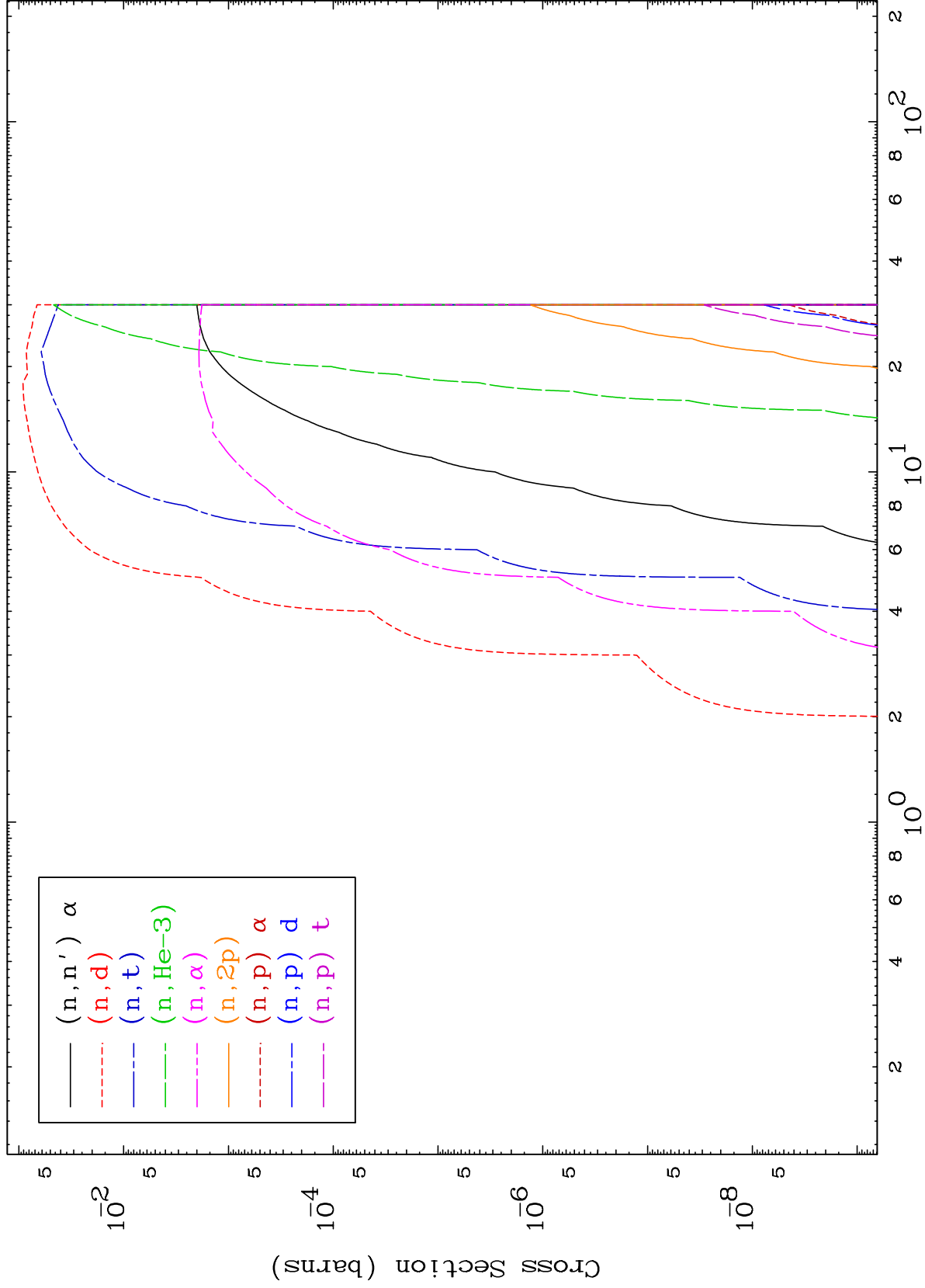
Incident Energy (MeV)

50-Sn-125





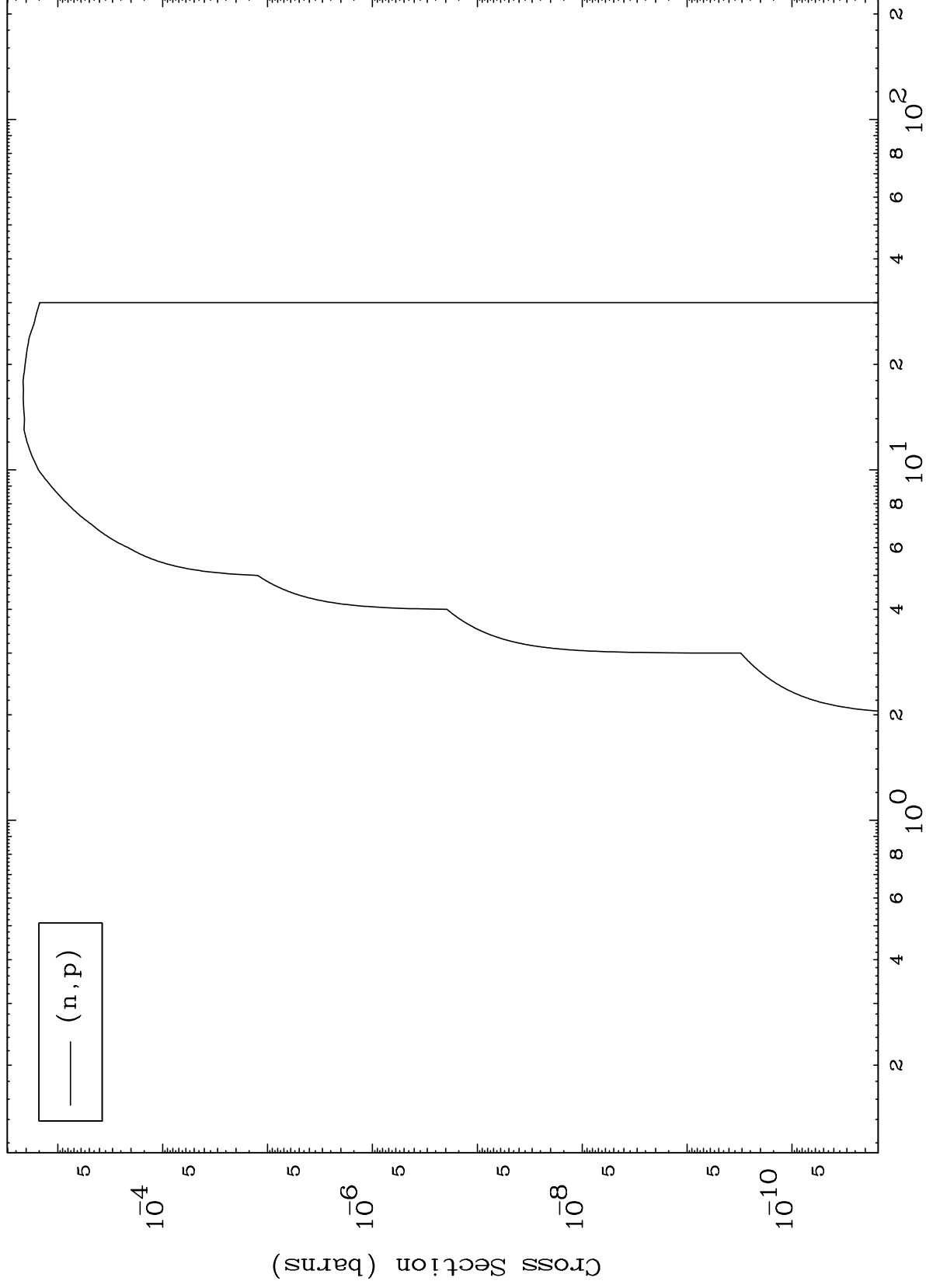




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50-Sn-125

(t,p) Levels
0 Kelvin Cross Sections



50-Sn-125

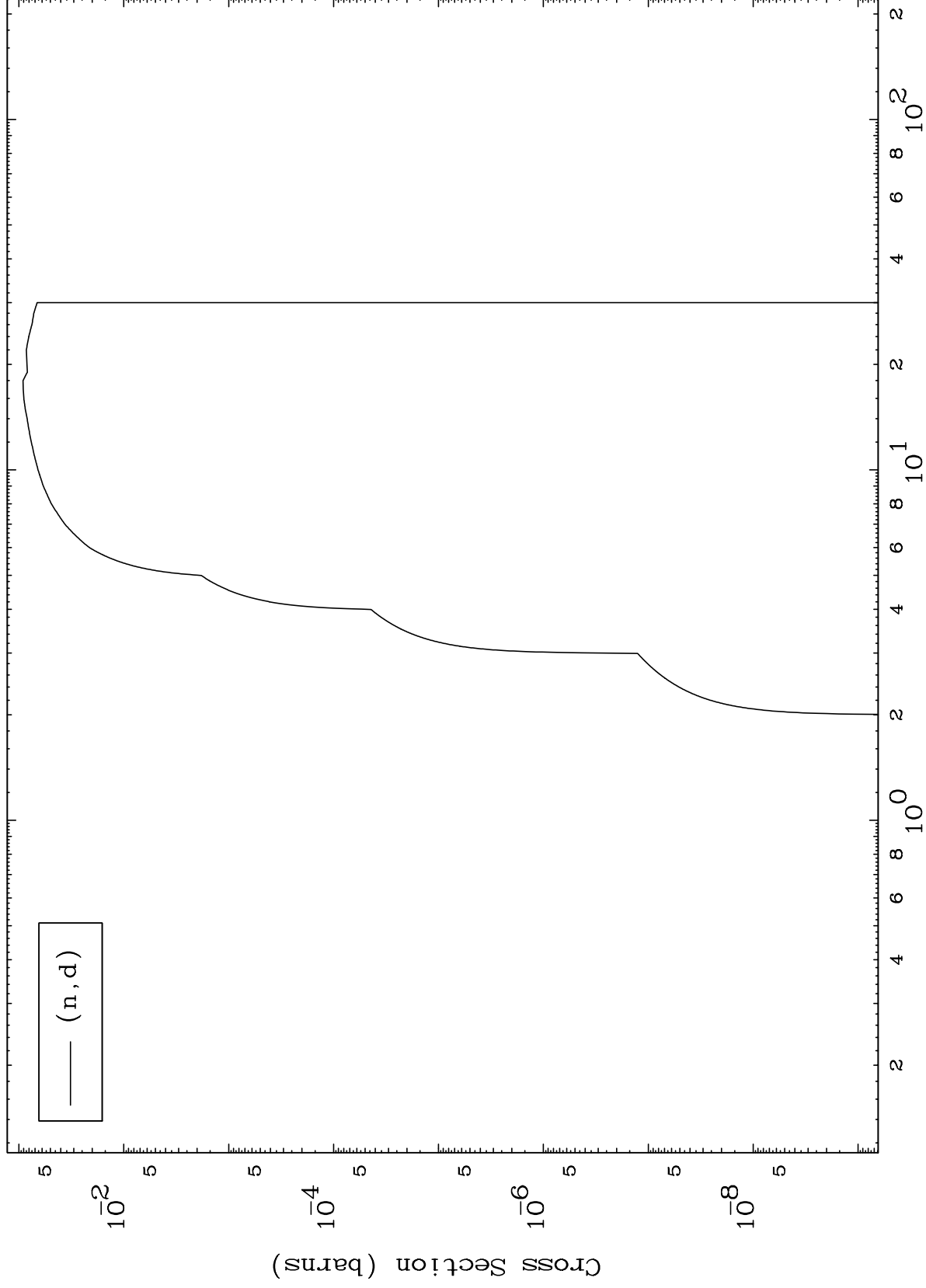
Incident Energy (MeV)

7

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50-Sn-125

(t,d) Levels
0 Kelvin Cross Sections



8

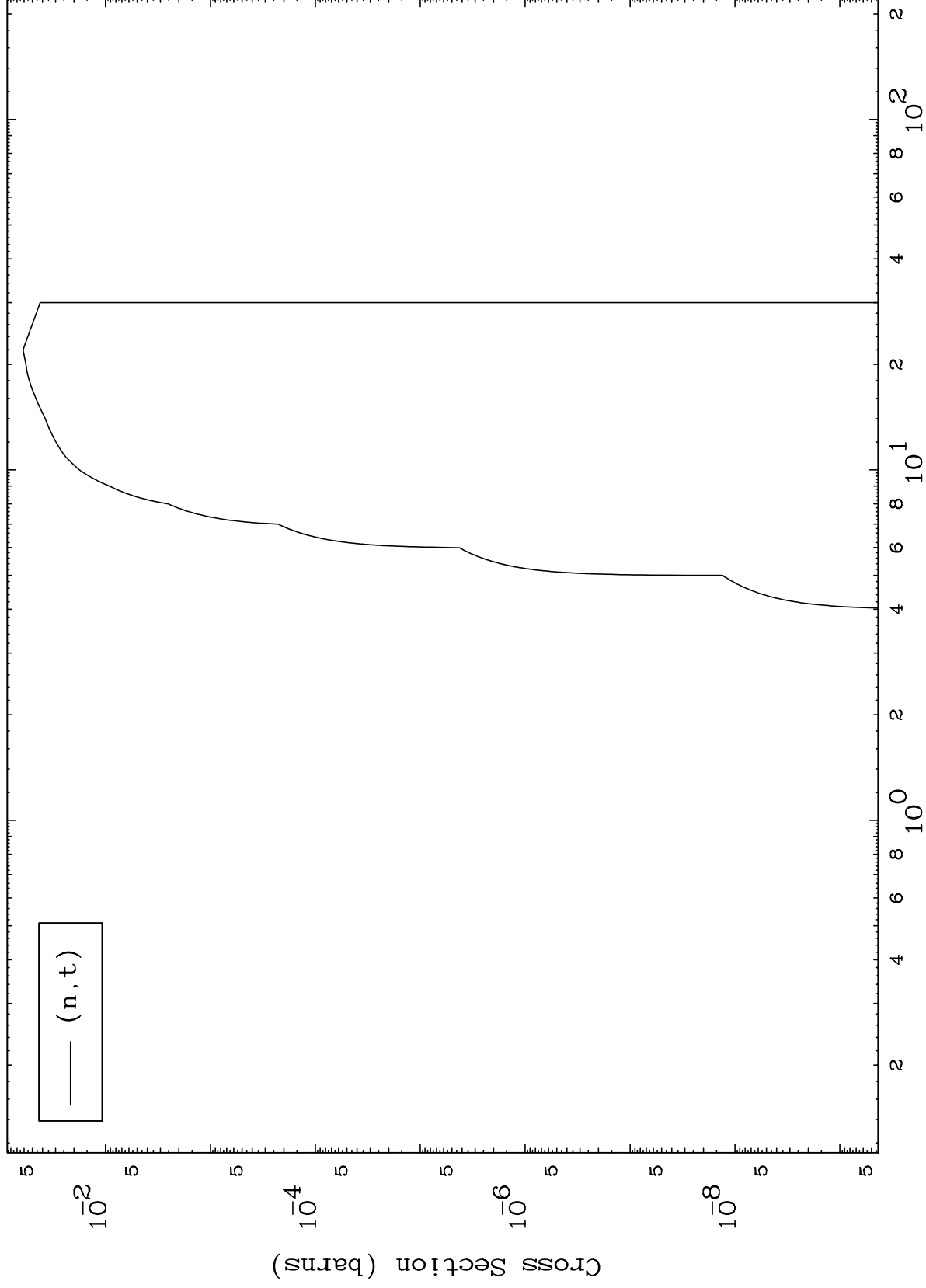
Incident Energy (MeV)

50-Sn-125

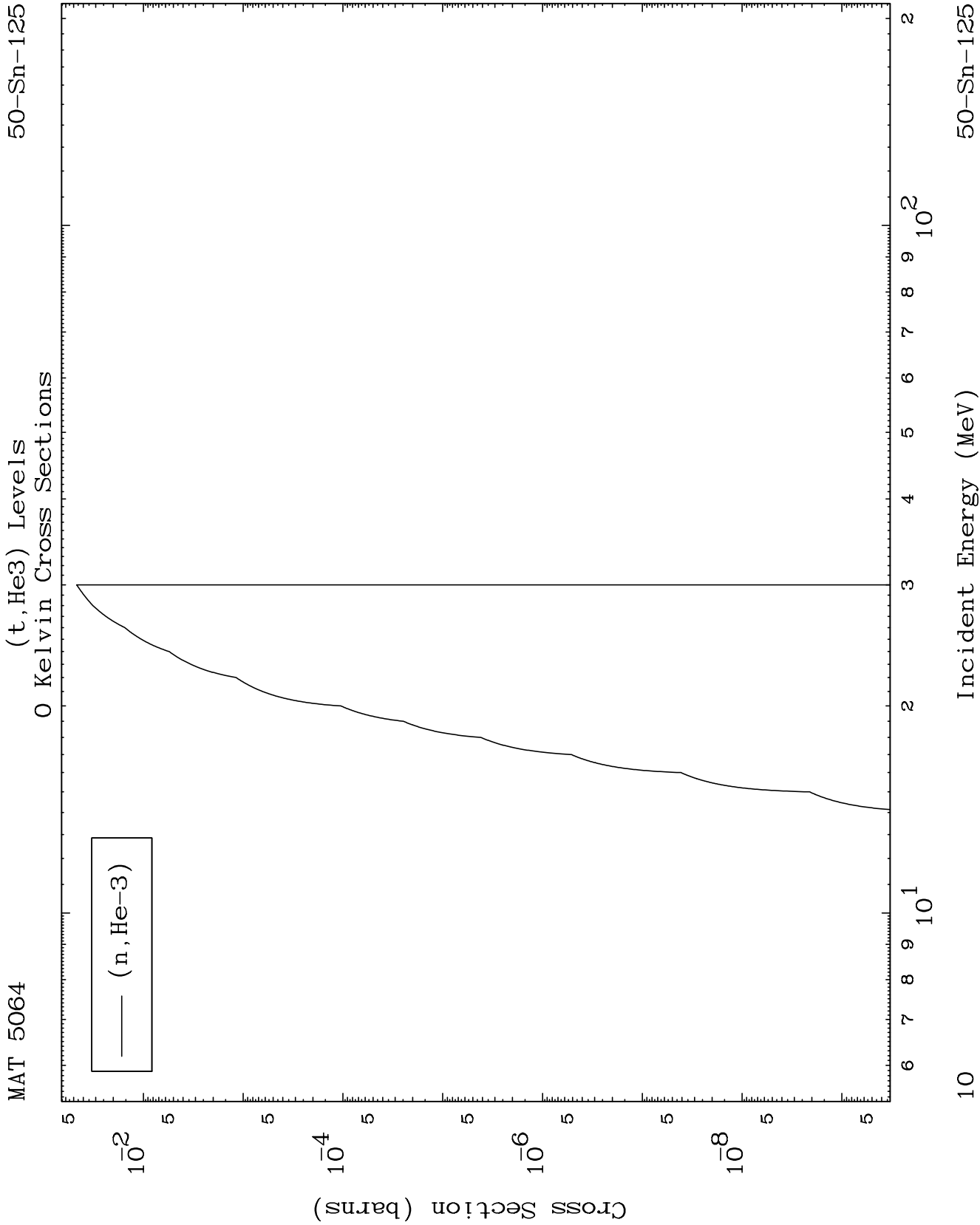
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50-Sn-125

(t,t) Levels
0 Kelvin Cross Sections



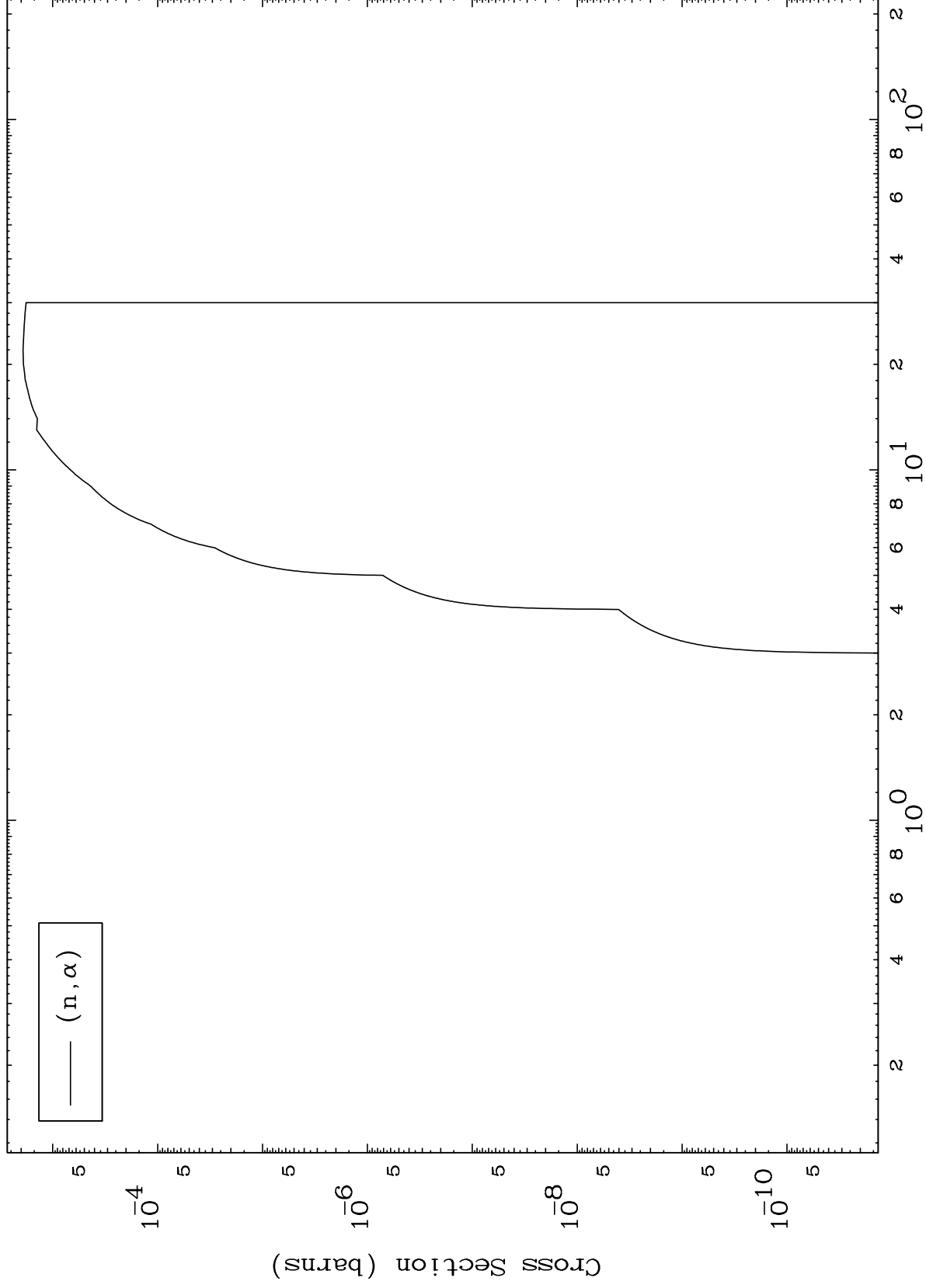
— (n,t)



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50-Sn-125

(t, α) Levels
0 Kelvin Cross Sections

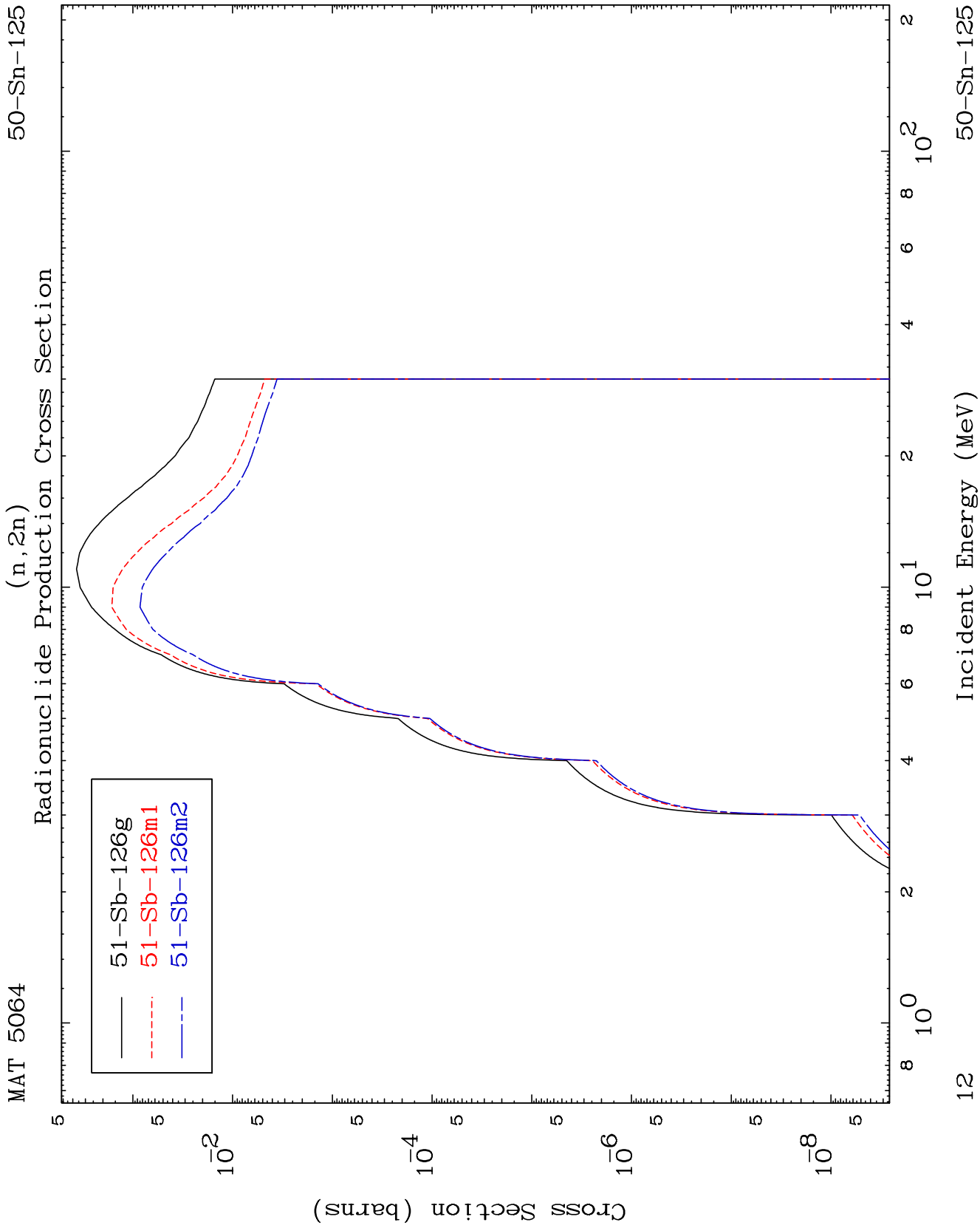


— (n, α)

11

Incident Energy (MeV)

50-Sn-125

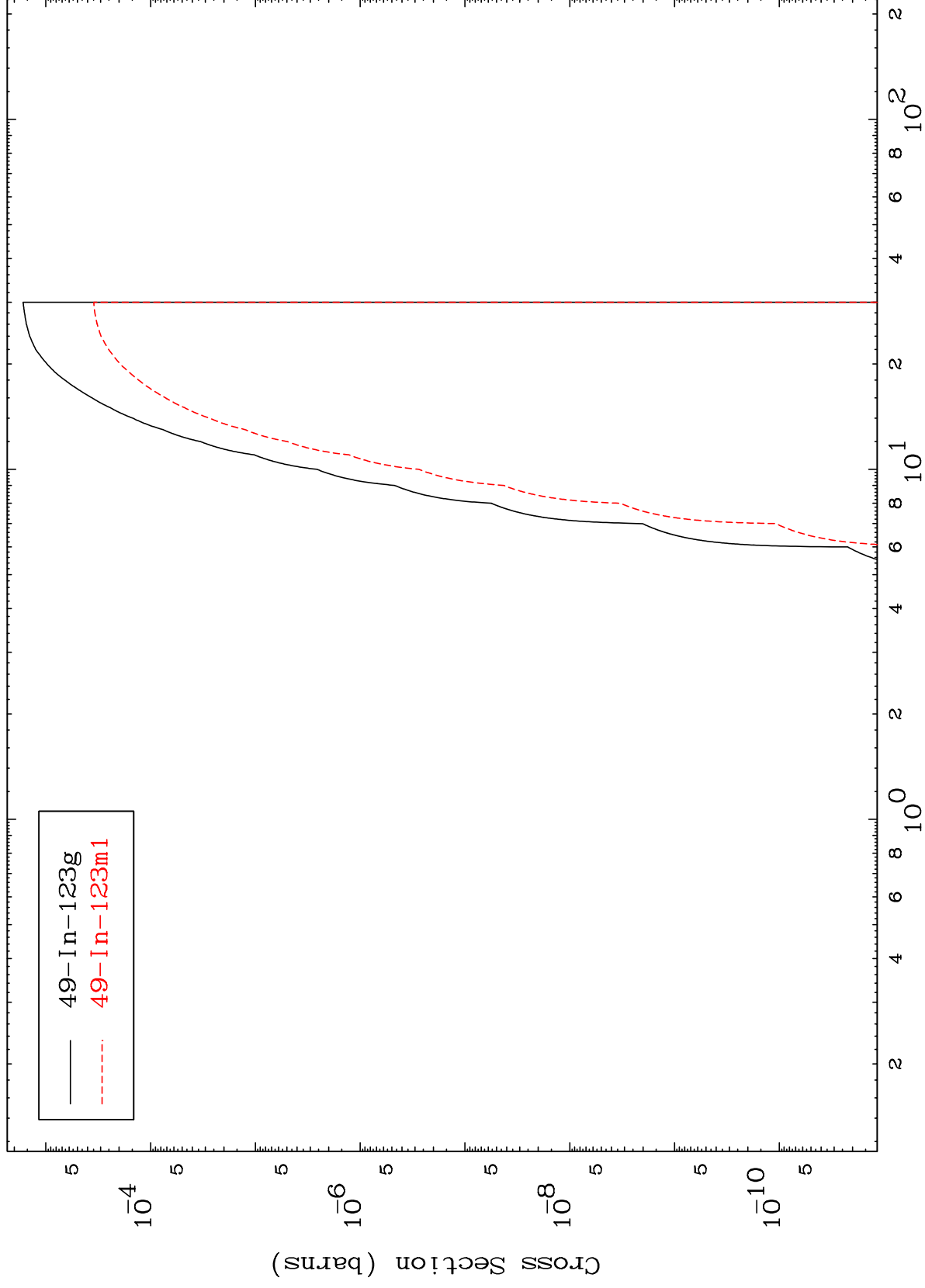


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50-Sn-125

Radionuclide Production Cross Section

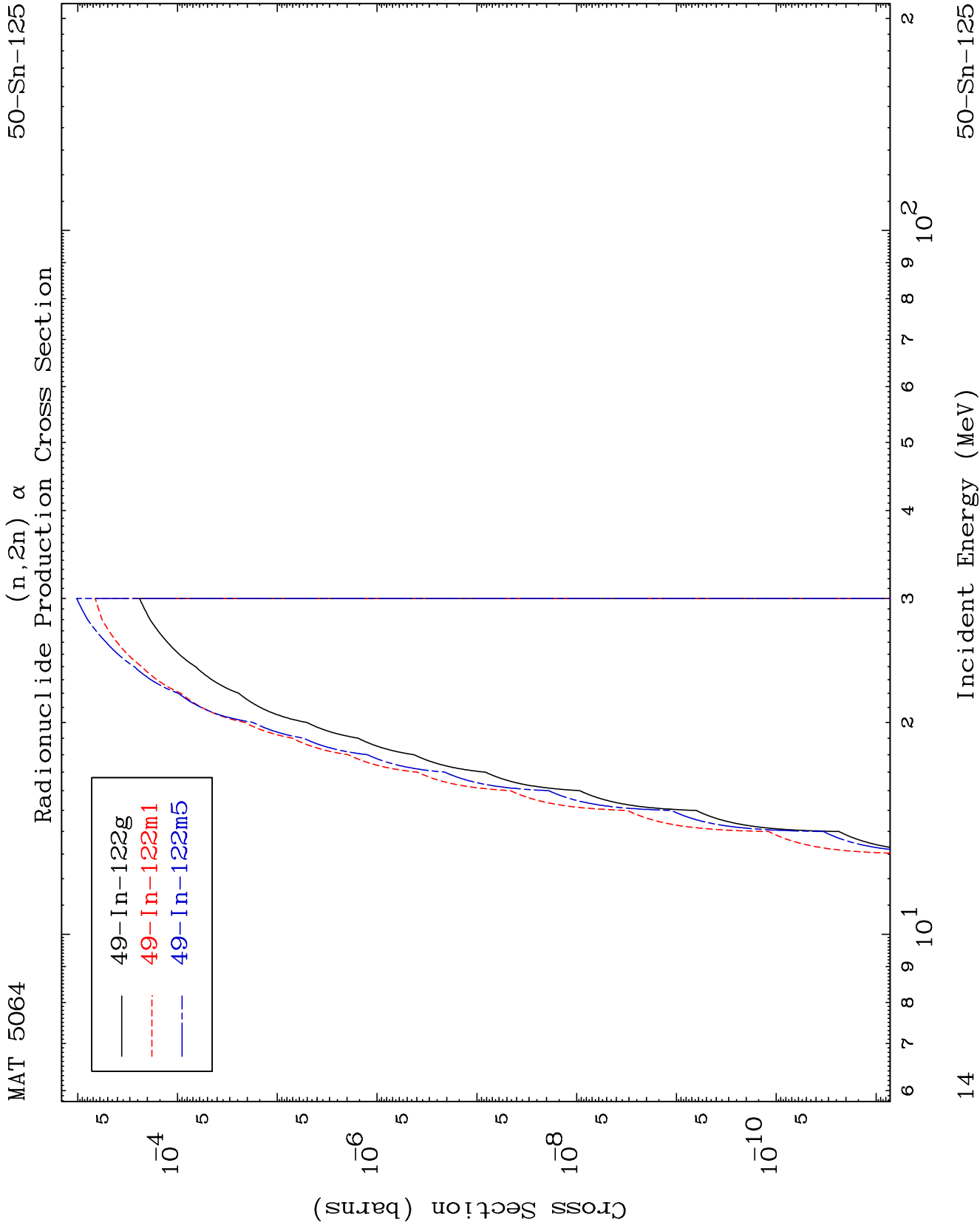
$(n,n') \alpha$

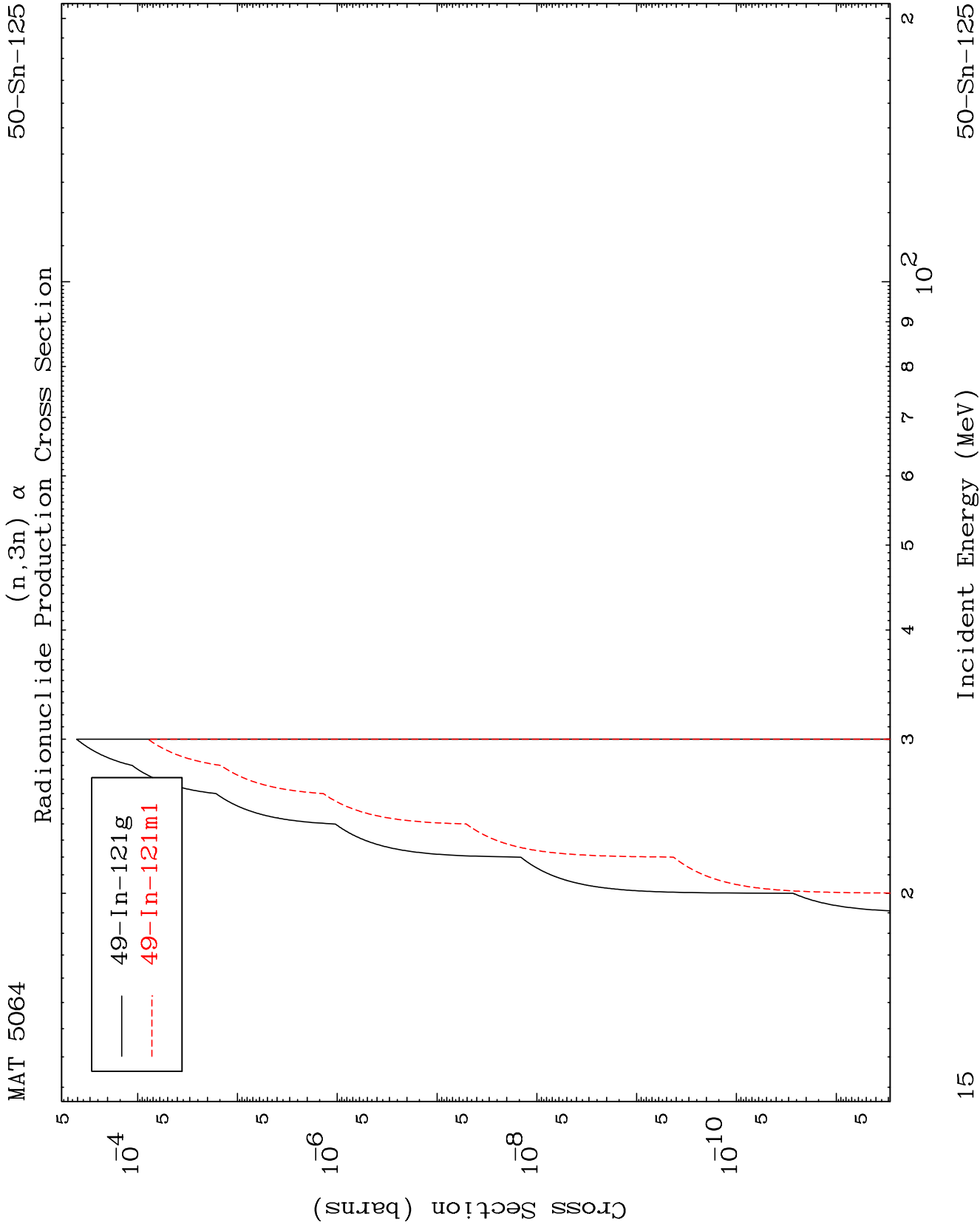


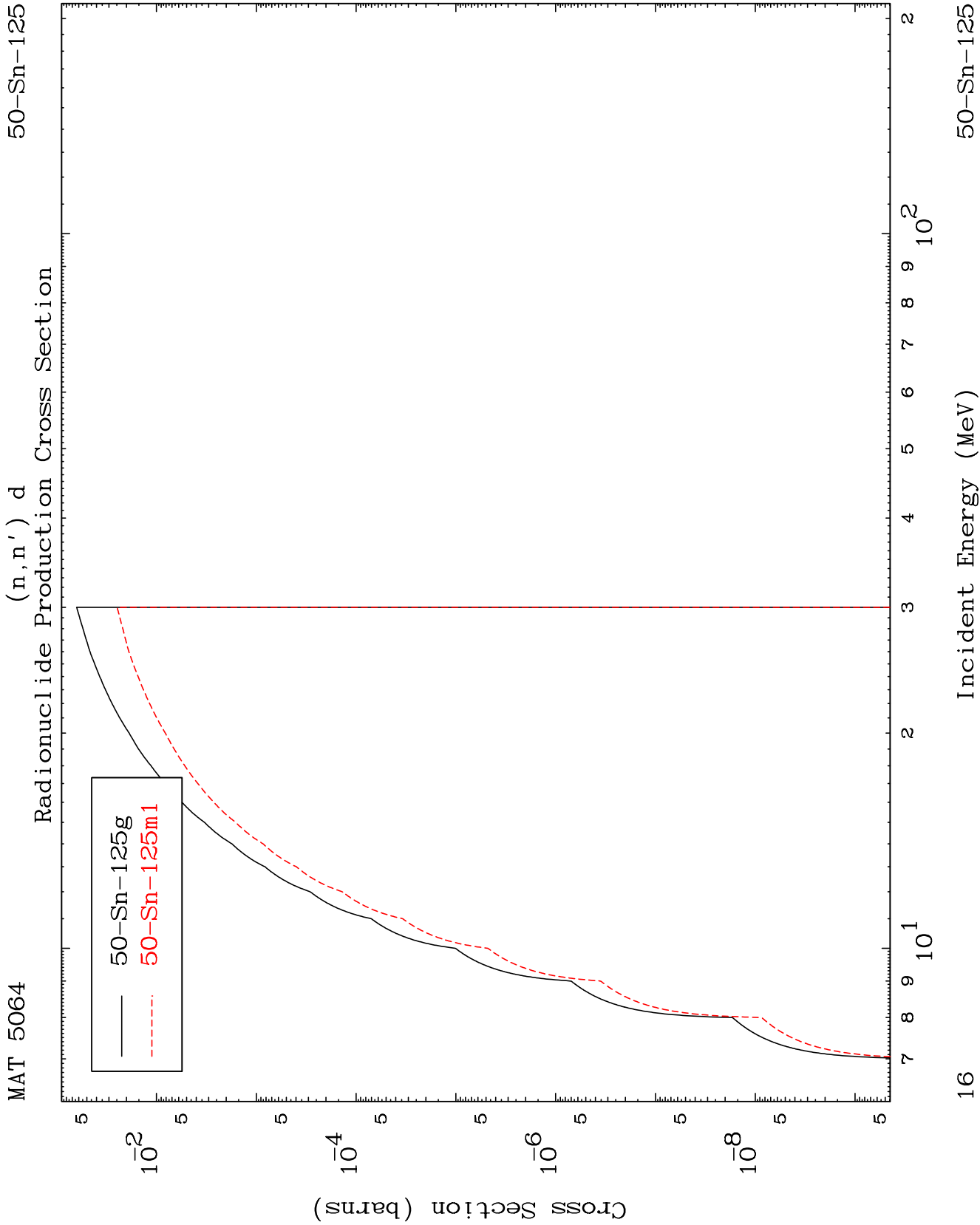
13

Incident Energy (MeV)

50-Sn-125





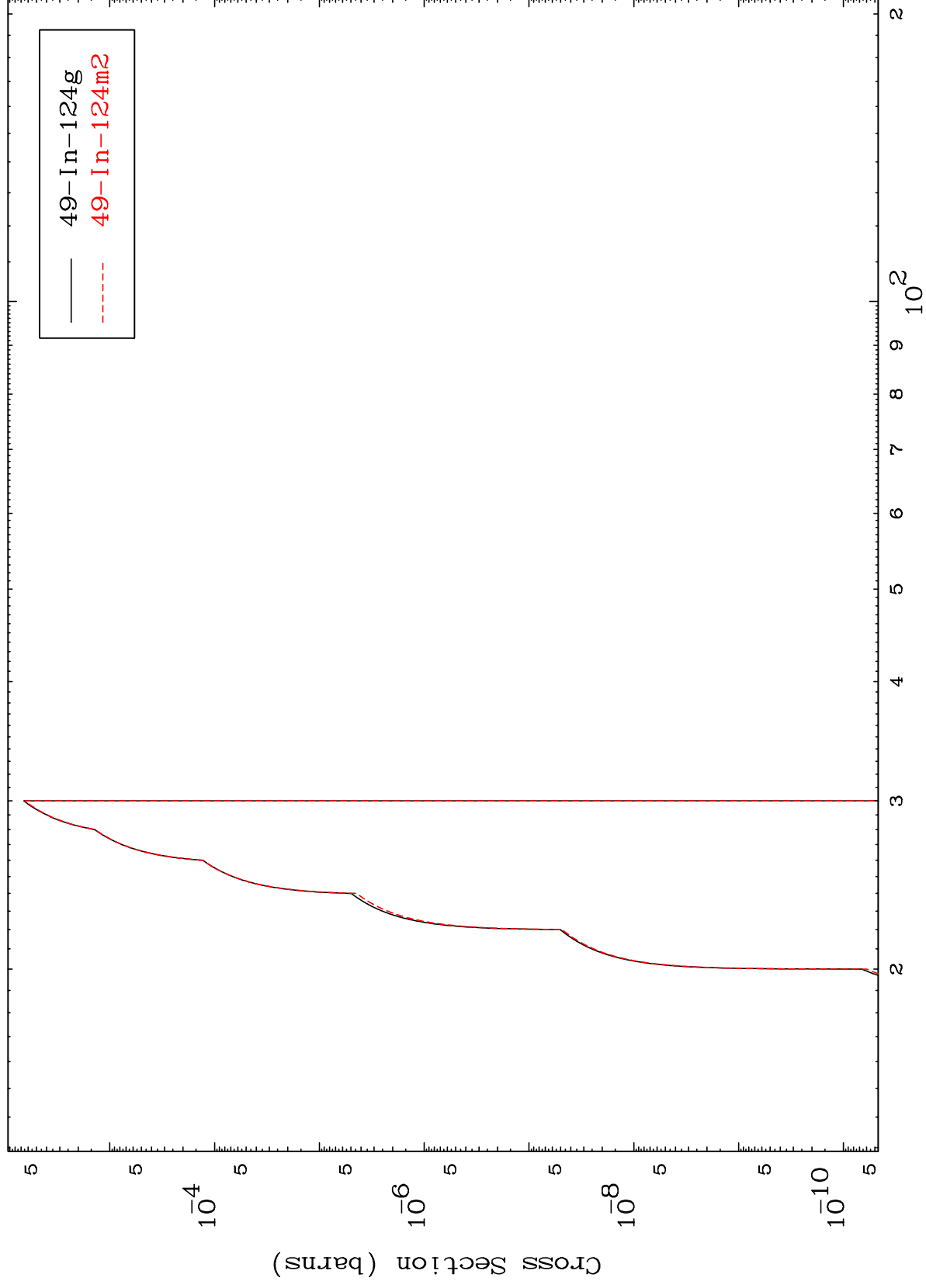


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(n,n') He-3

50-Sn-125

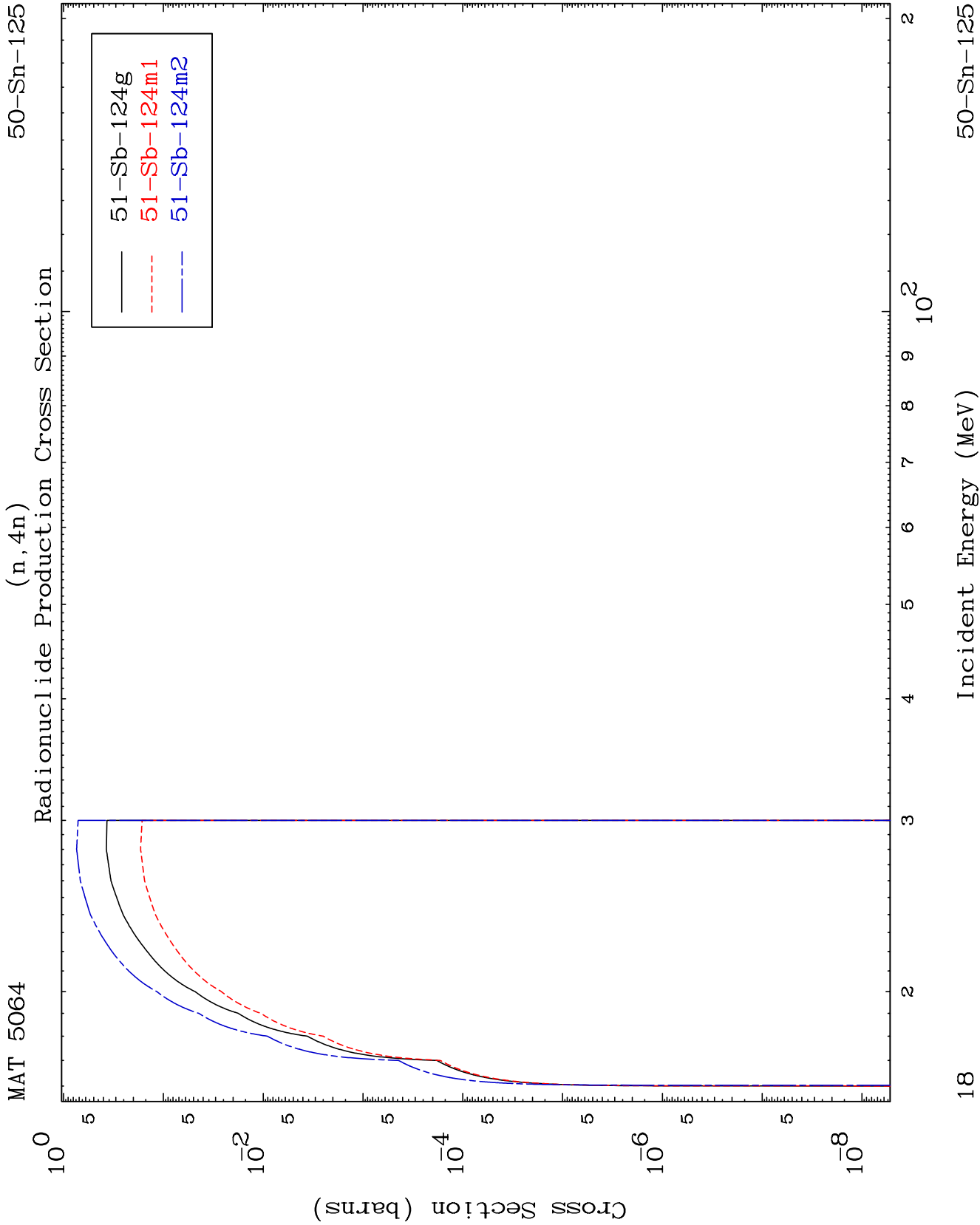
Radionuclide Production Cross Section

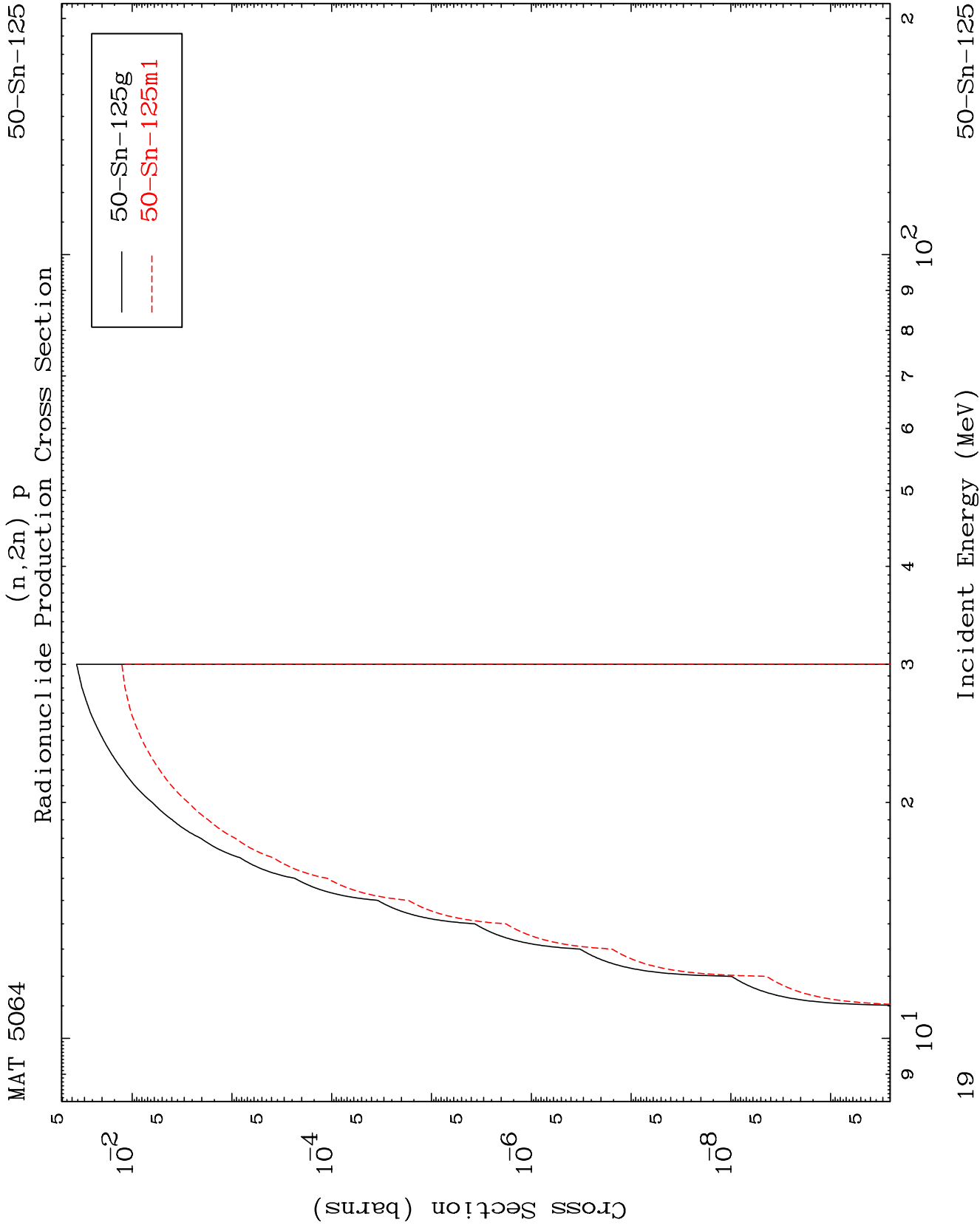


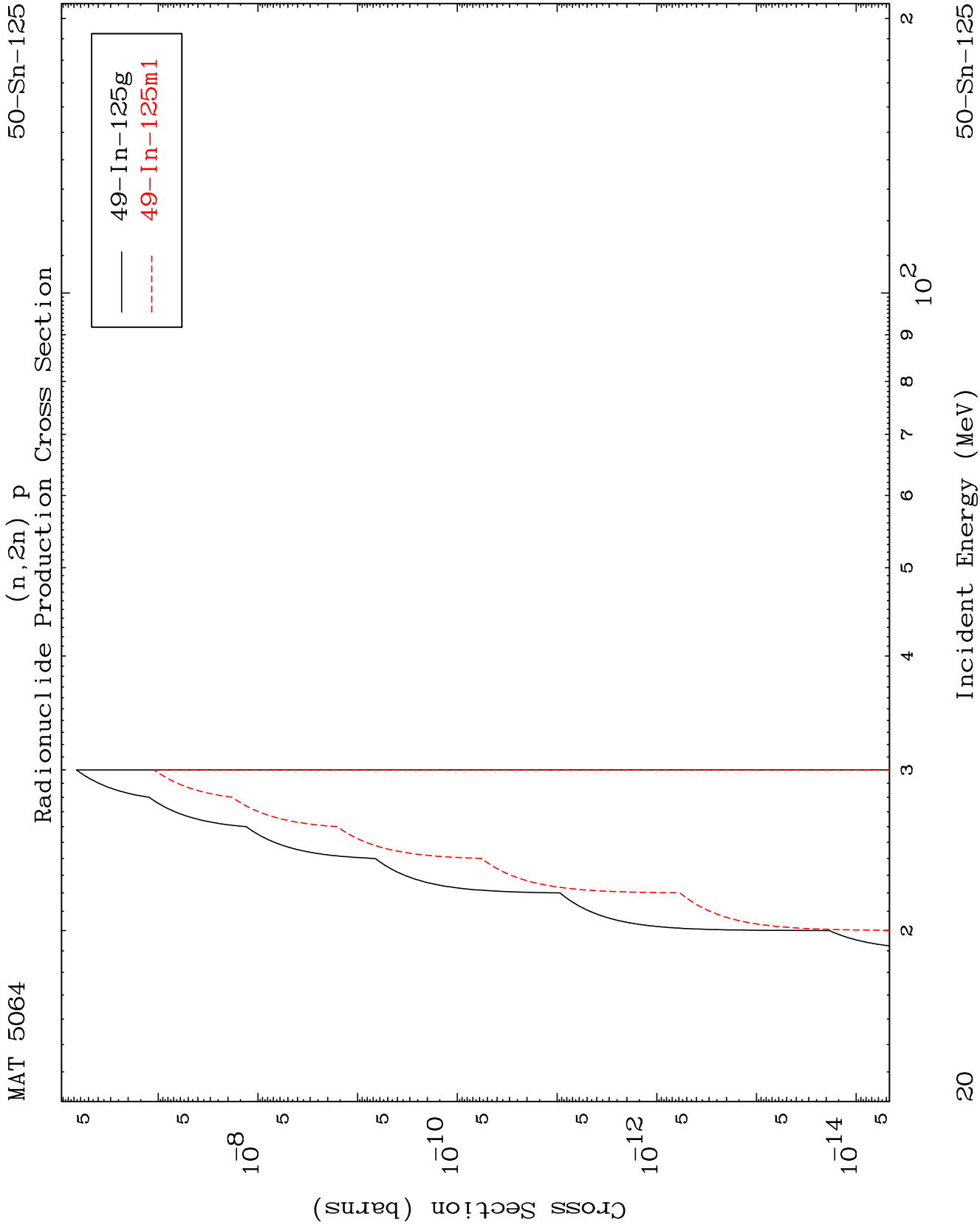
17

Incident Energy (MeV)

50-Sn-125



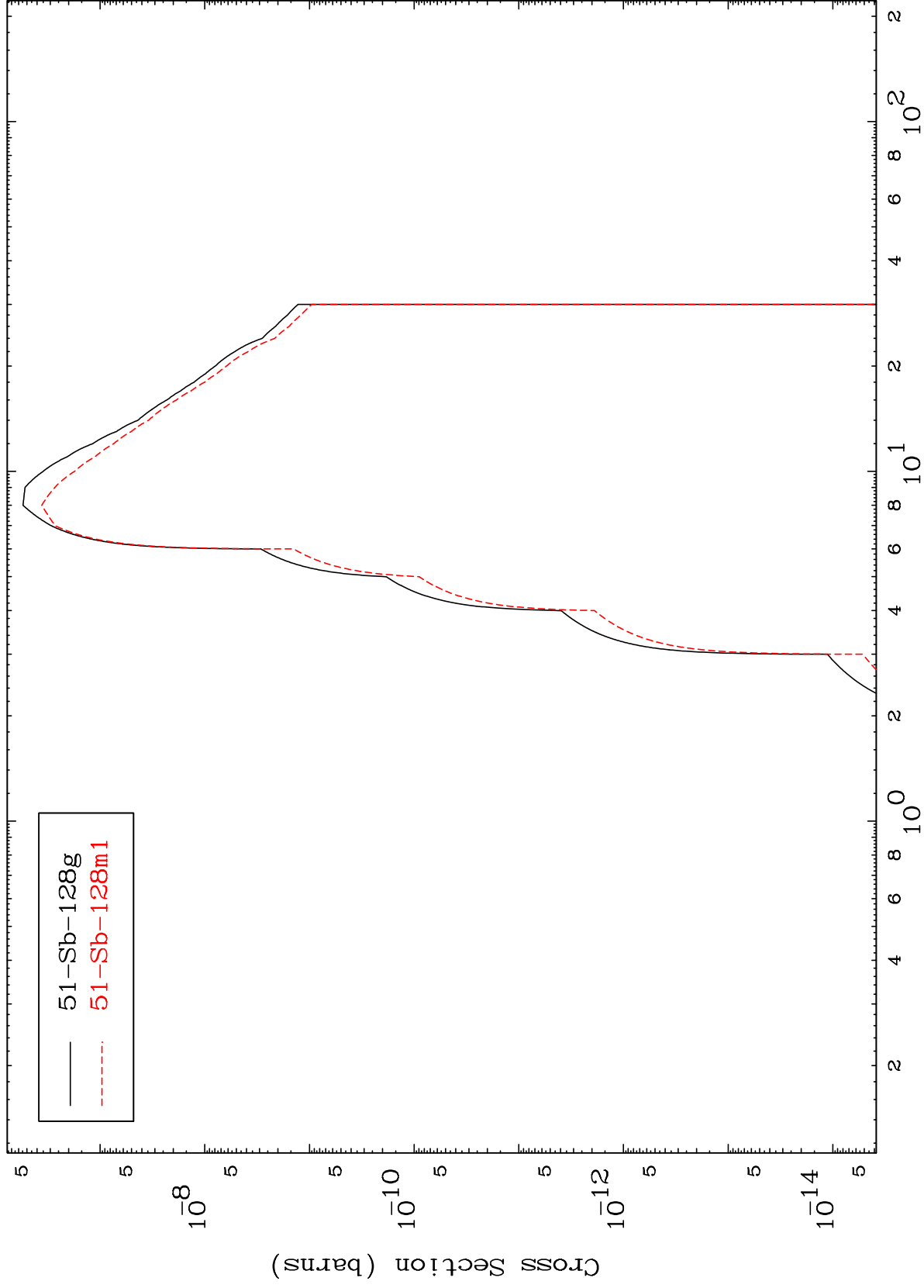




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50-Sn-125

Radionuclide Production Cross Section
(n, γ)



21

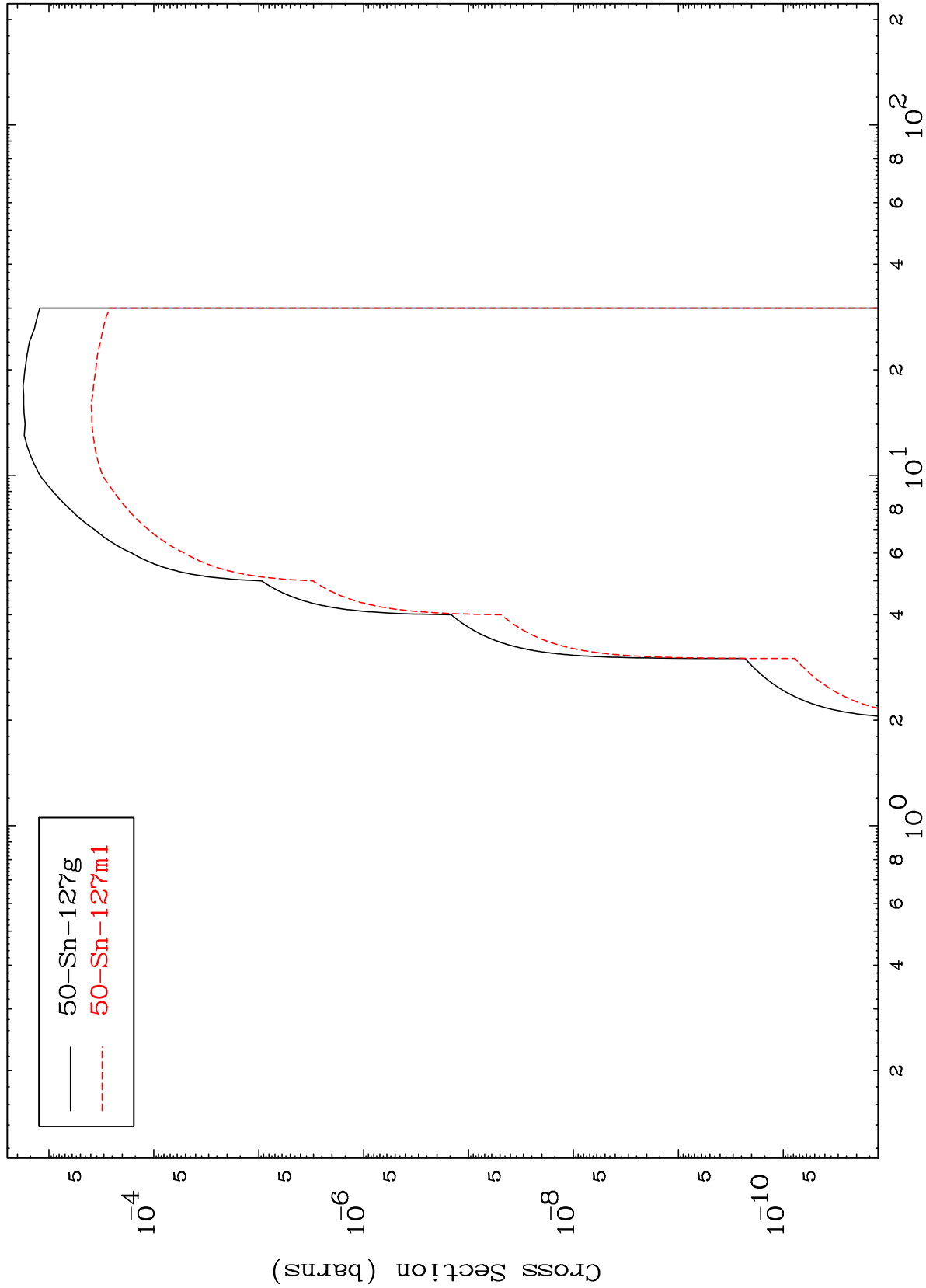
50-Sn-125

Incident Energy (MeV)

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50-Sn-125

(n,p)
Radionuclide Production Cross Section



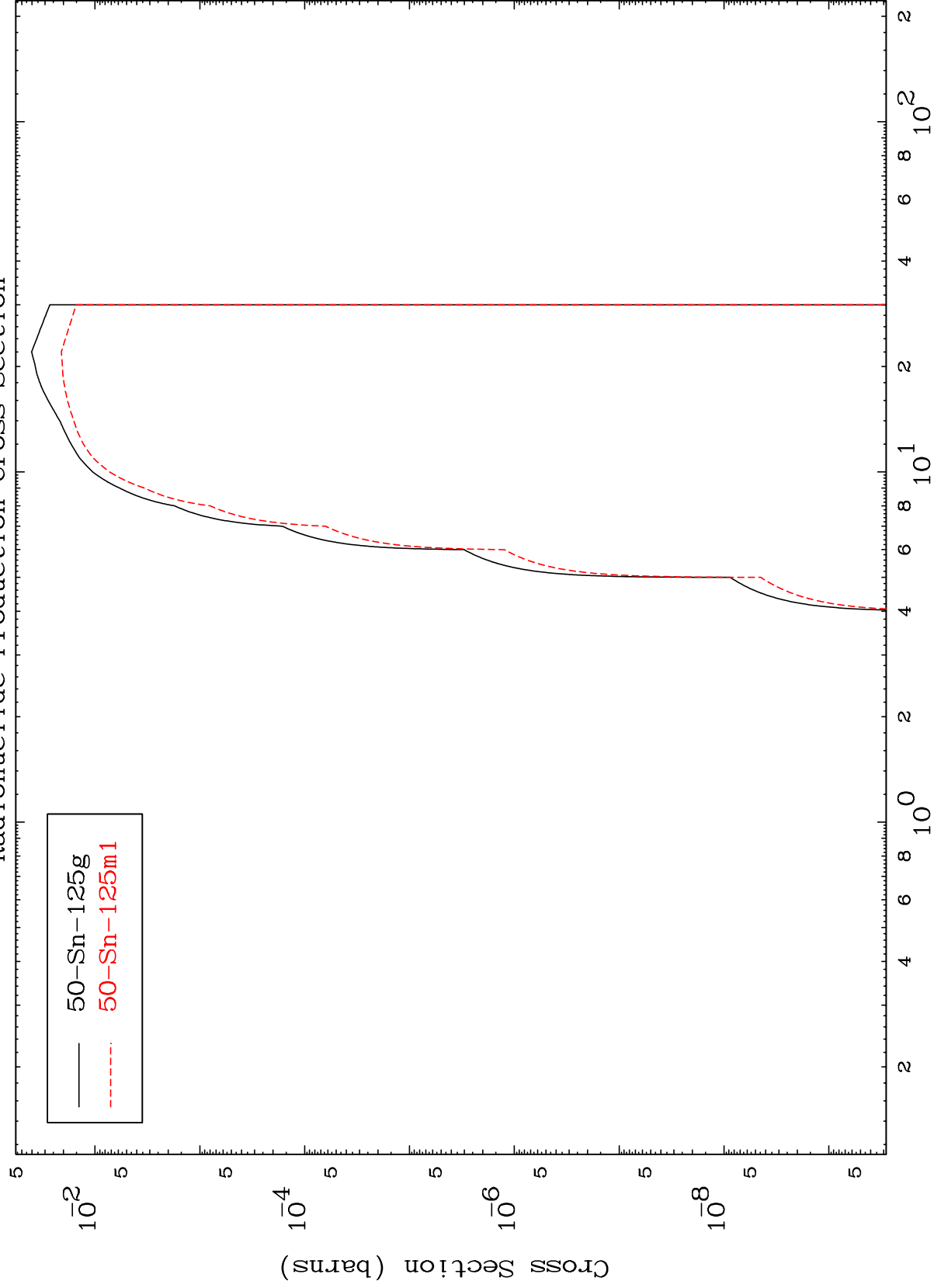
22

50-Sn-125

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50-Sn-125

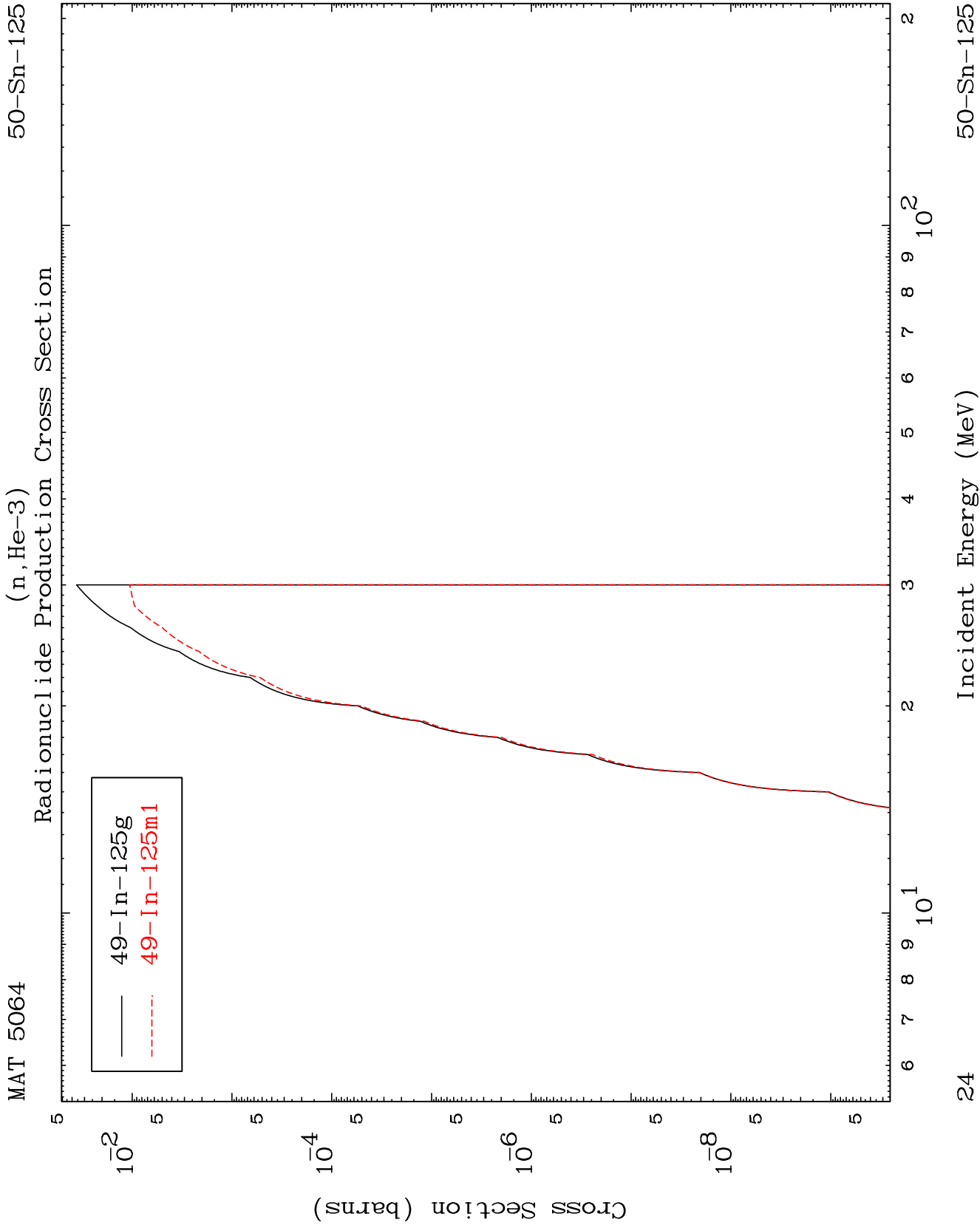
(n,t)
Radionuclide Production Cross Section

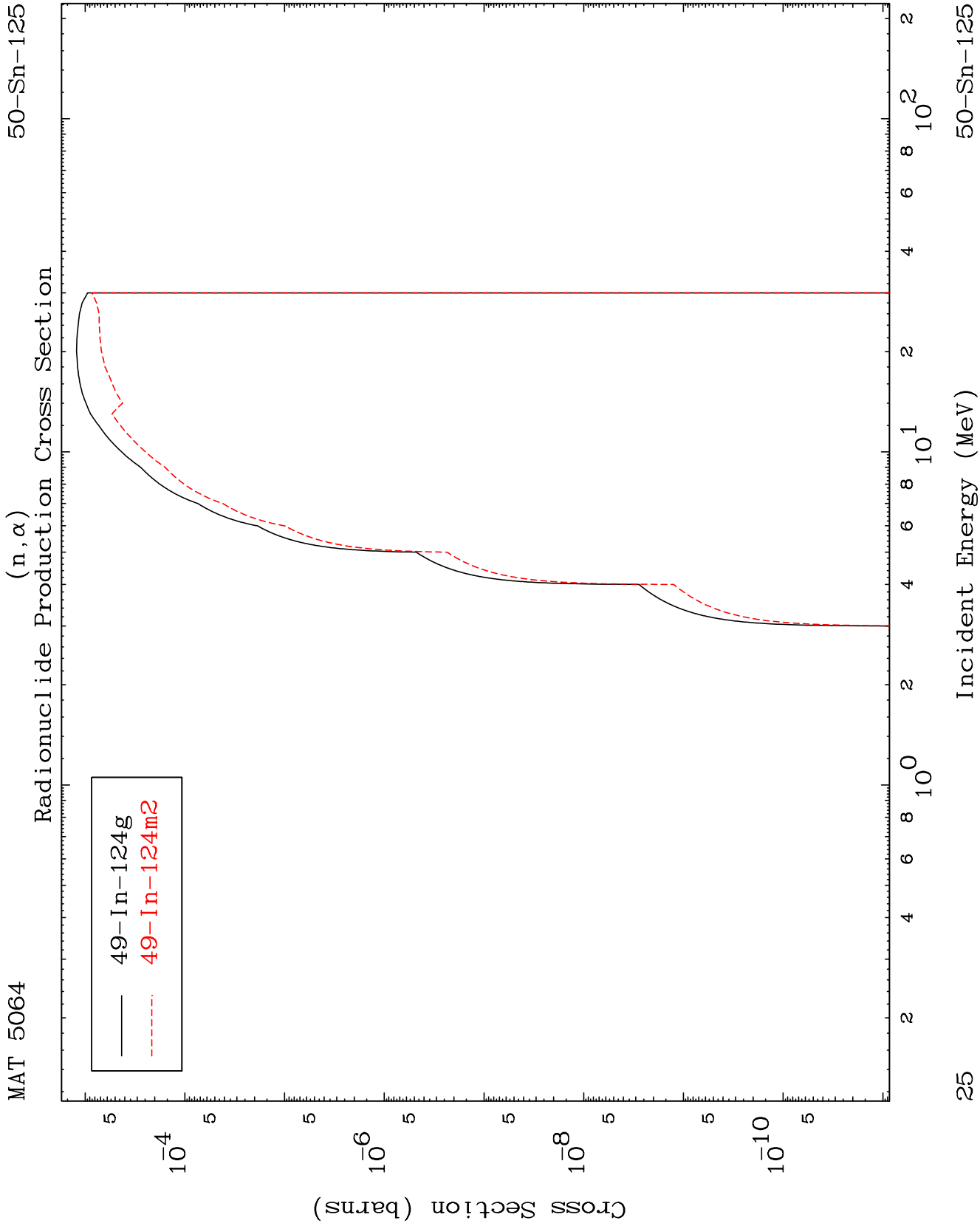


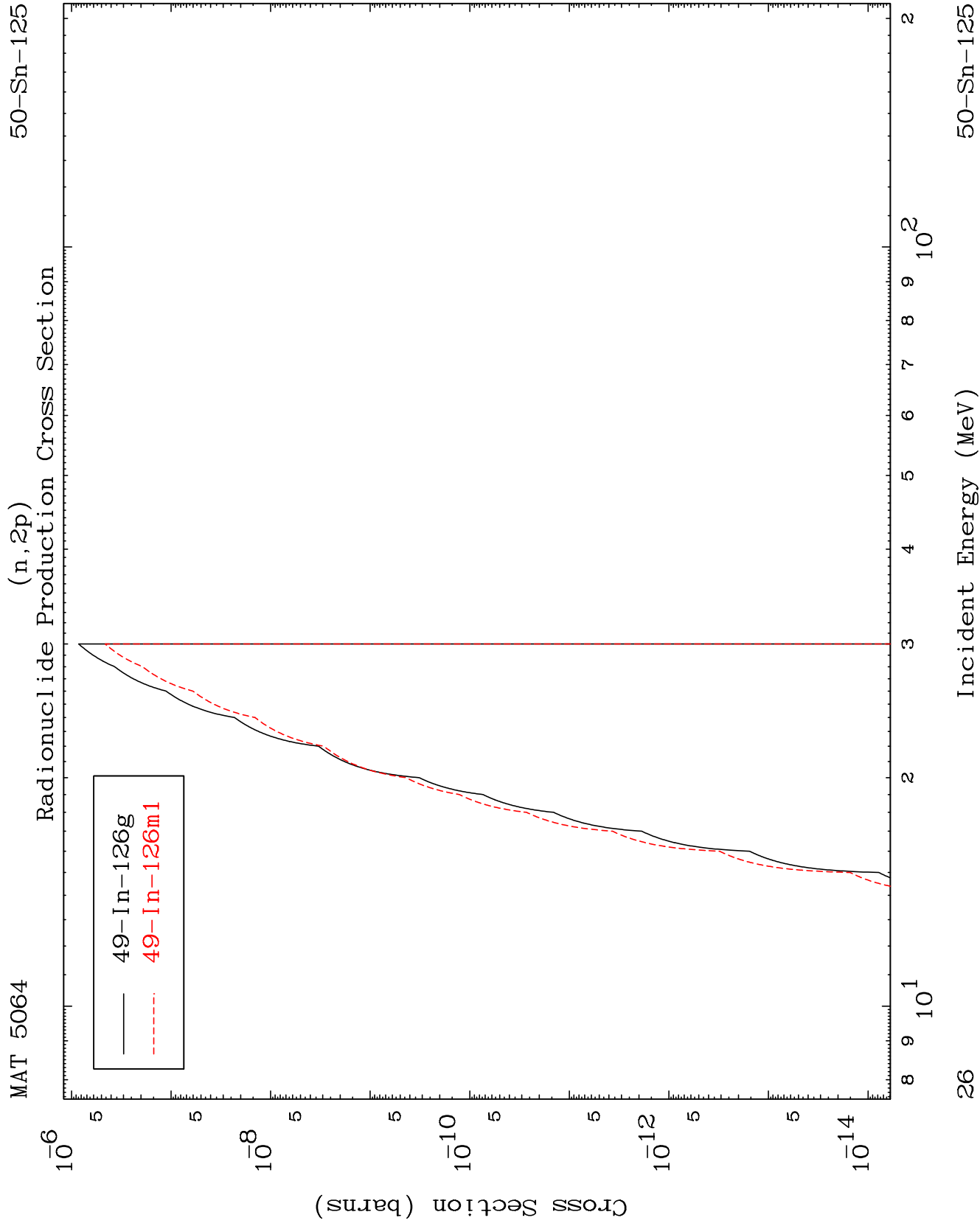
23

Incident Energy (MeV)

50-Sn-125



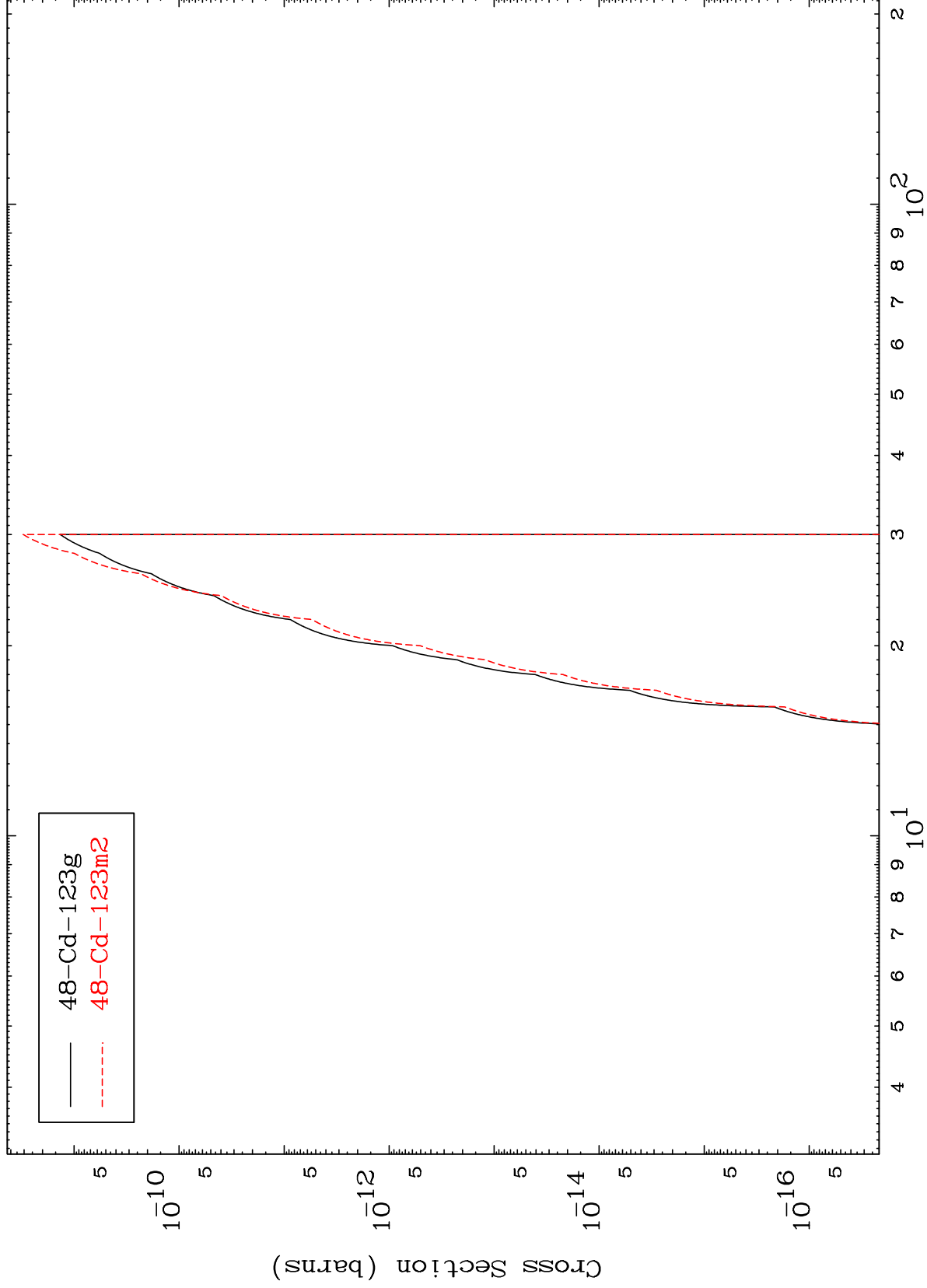




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50-Sn-125

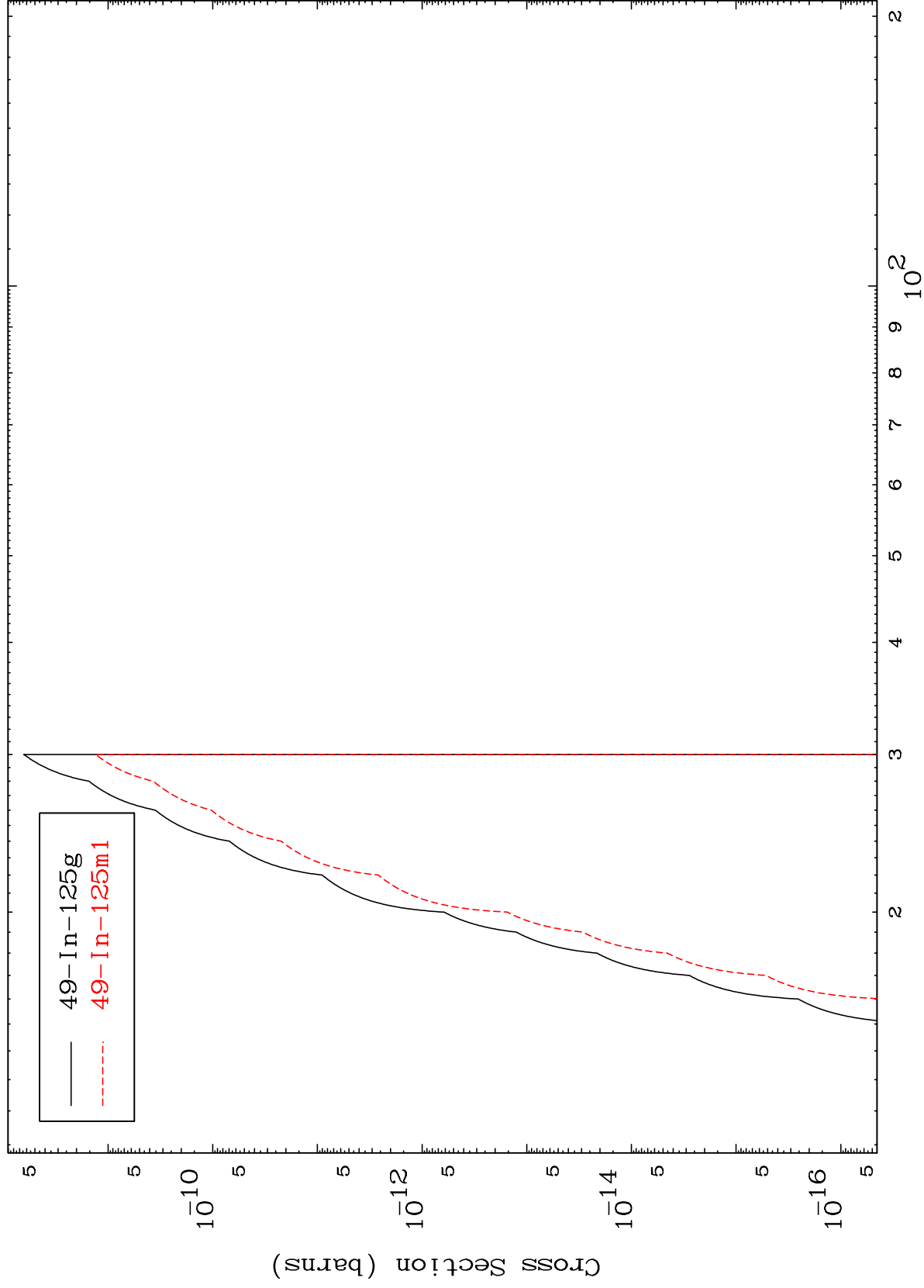
(n,p) α
Radionuclide Production Cross Section



27

Incident Energy (MeV)

50-Sn-125

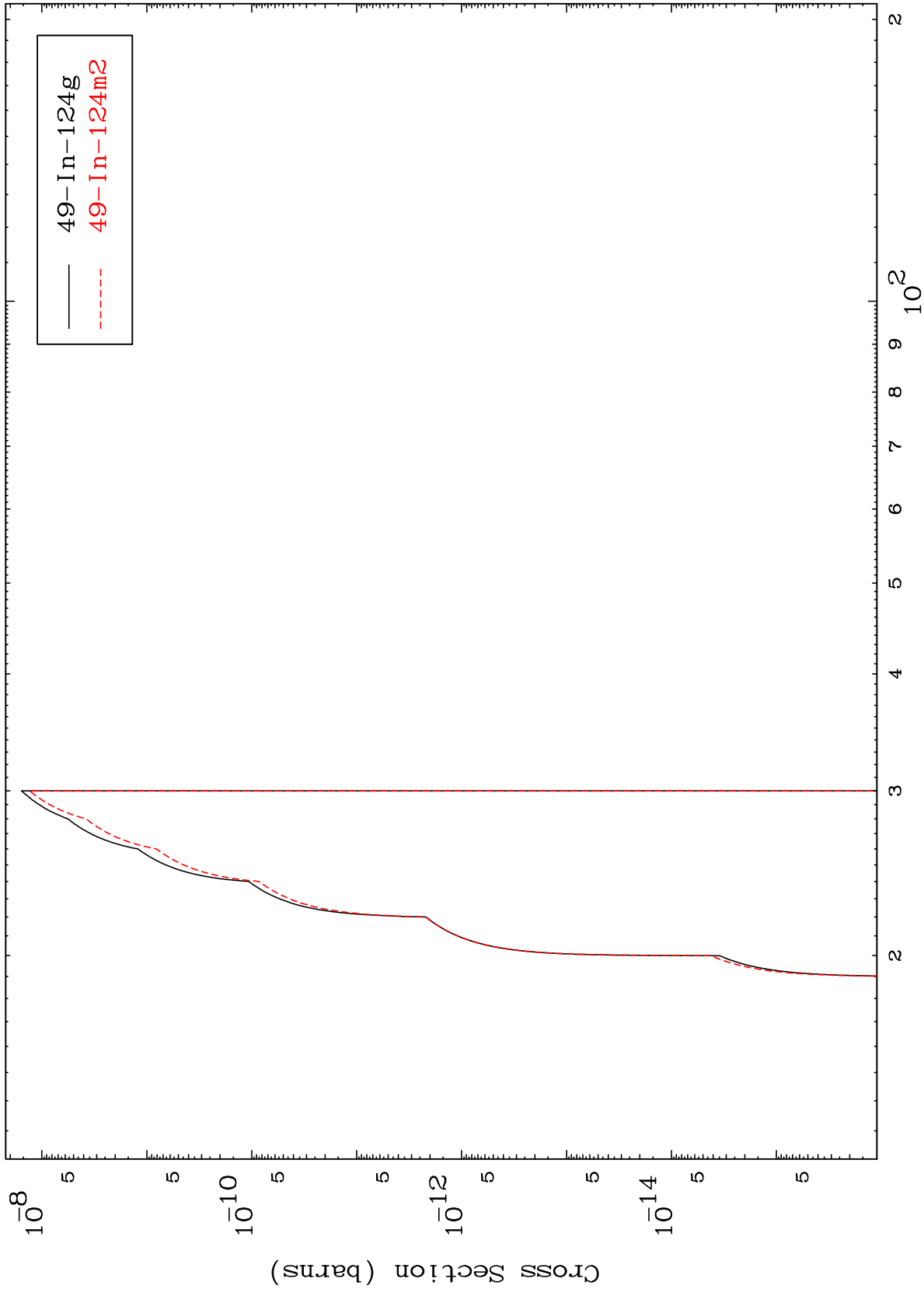
(n,p) d
Radionuclide Production Cross Section

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(n,p) t

50-Sn-125

Radionuclide Production Cross Section



29

Incident Energy (MeV)

50-Sn-125