

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

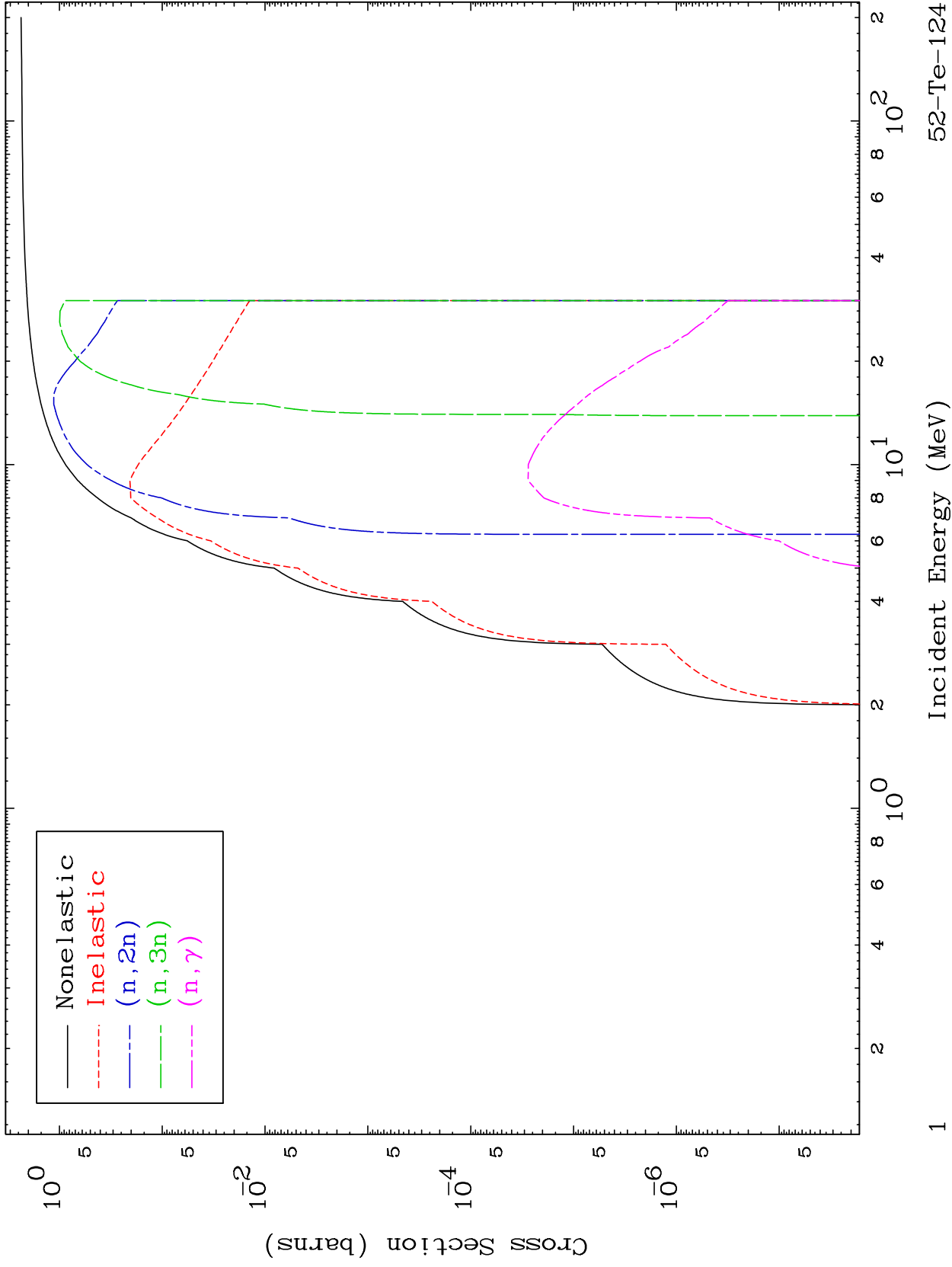
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Web:redcullen1.net/HOMEPAGE.NEW

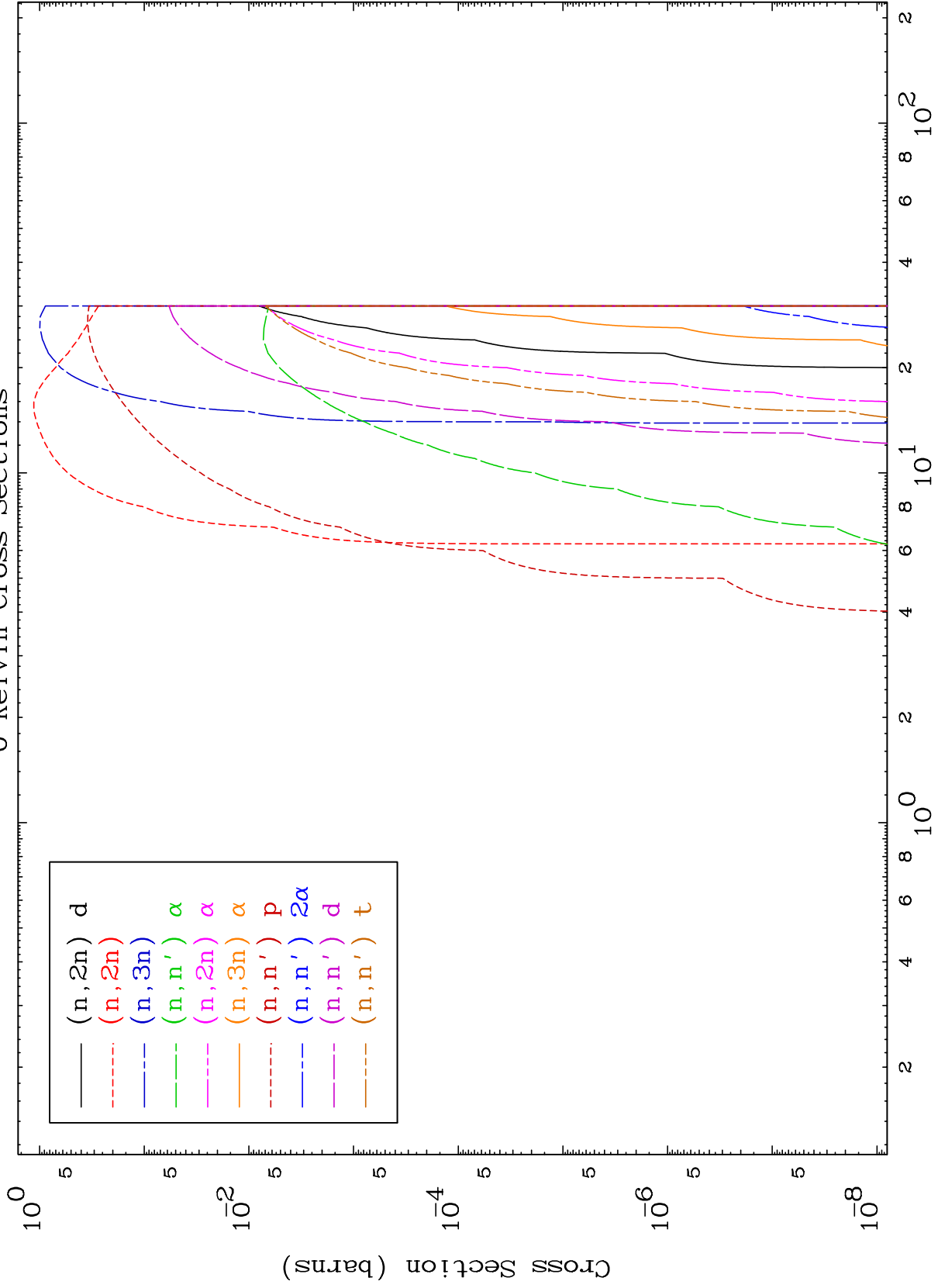
Press Mouse Button to Start

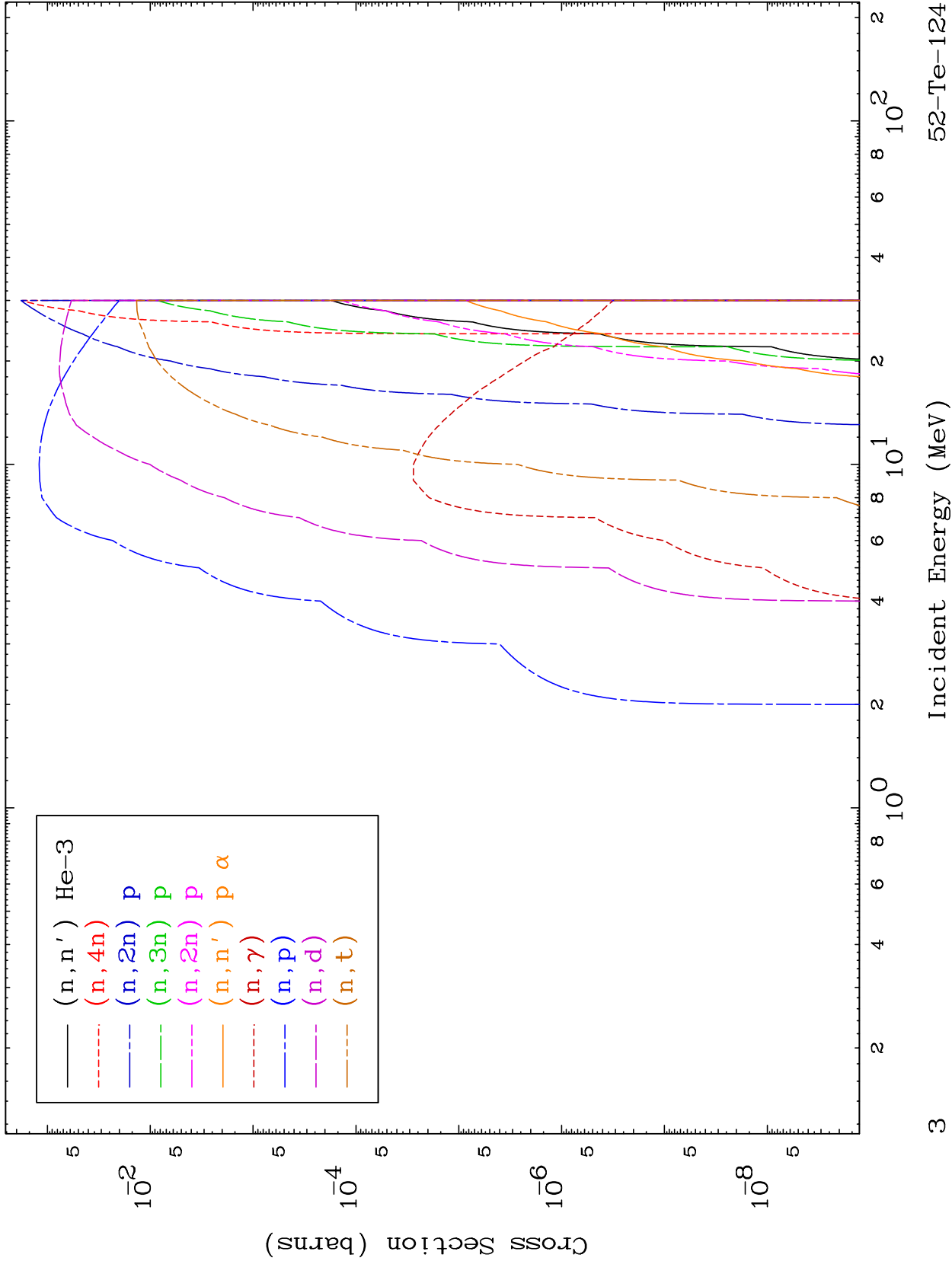


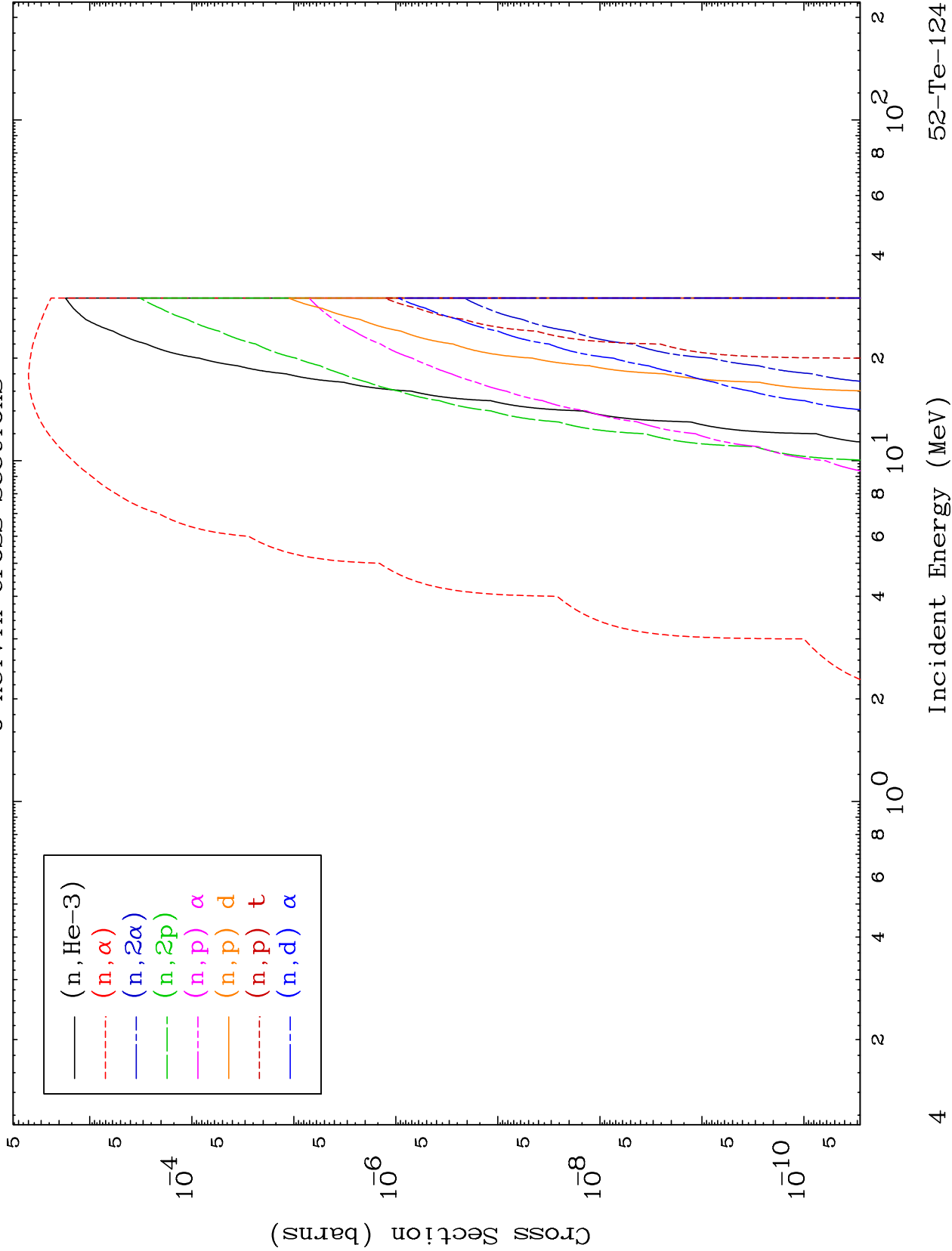
MAT 5237

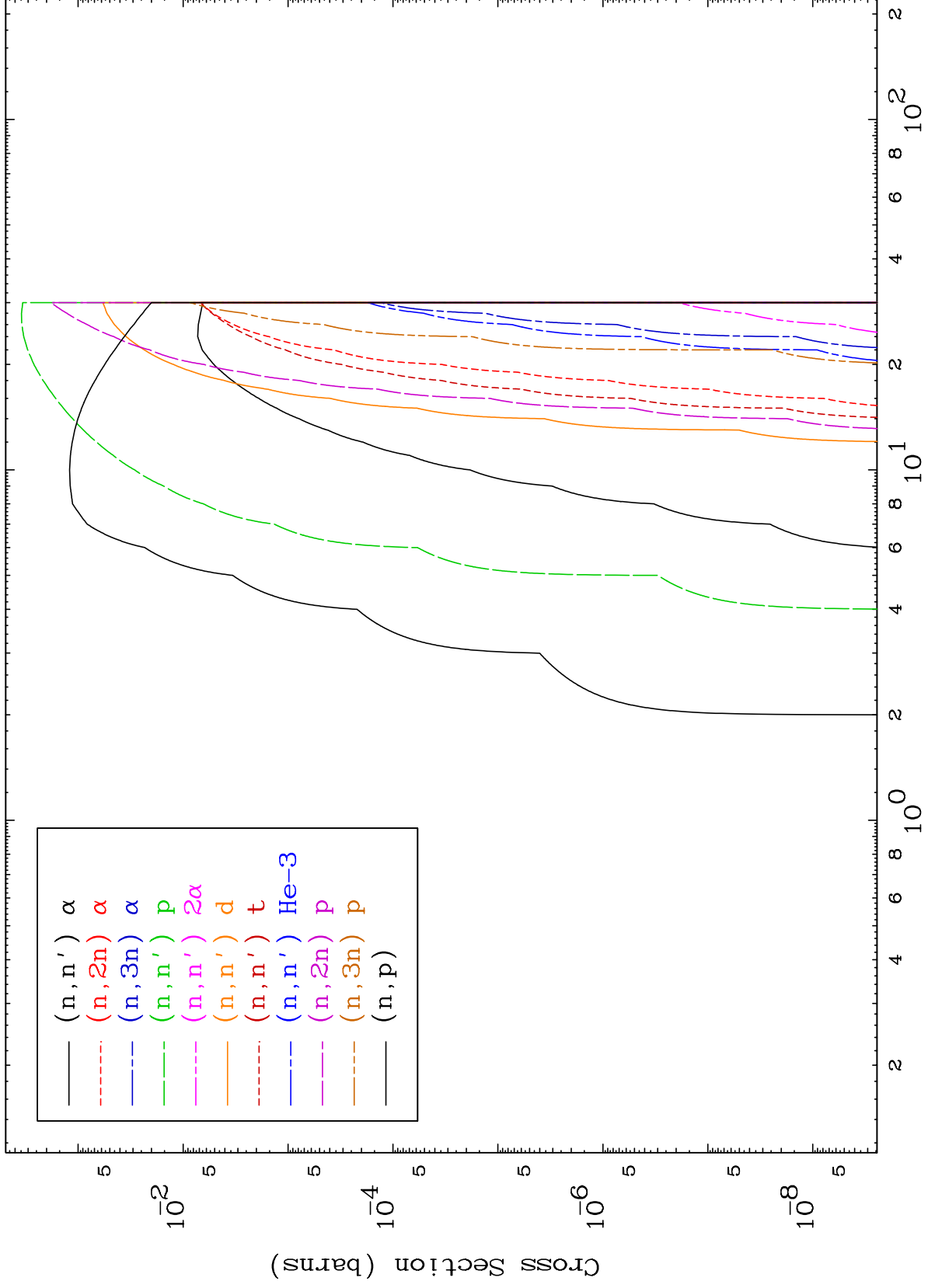
Deuteron Neutron Absorption
0 Kelvin Cross Sections

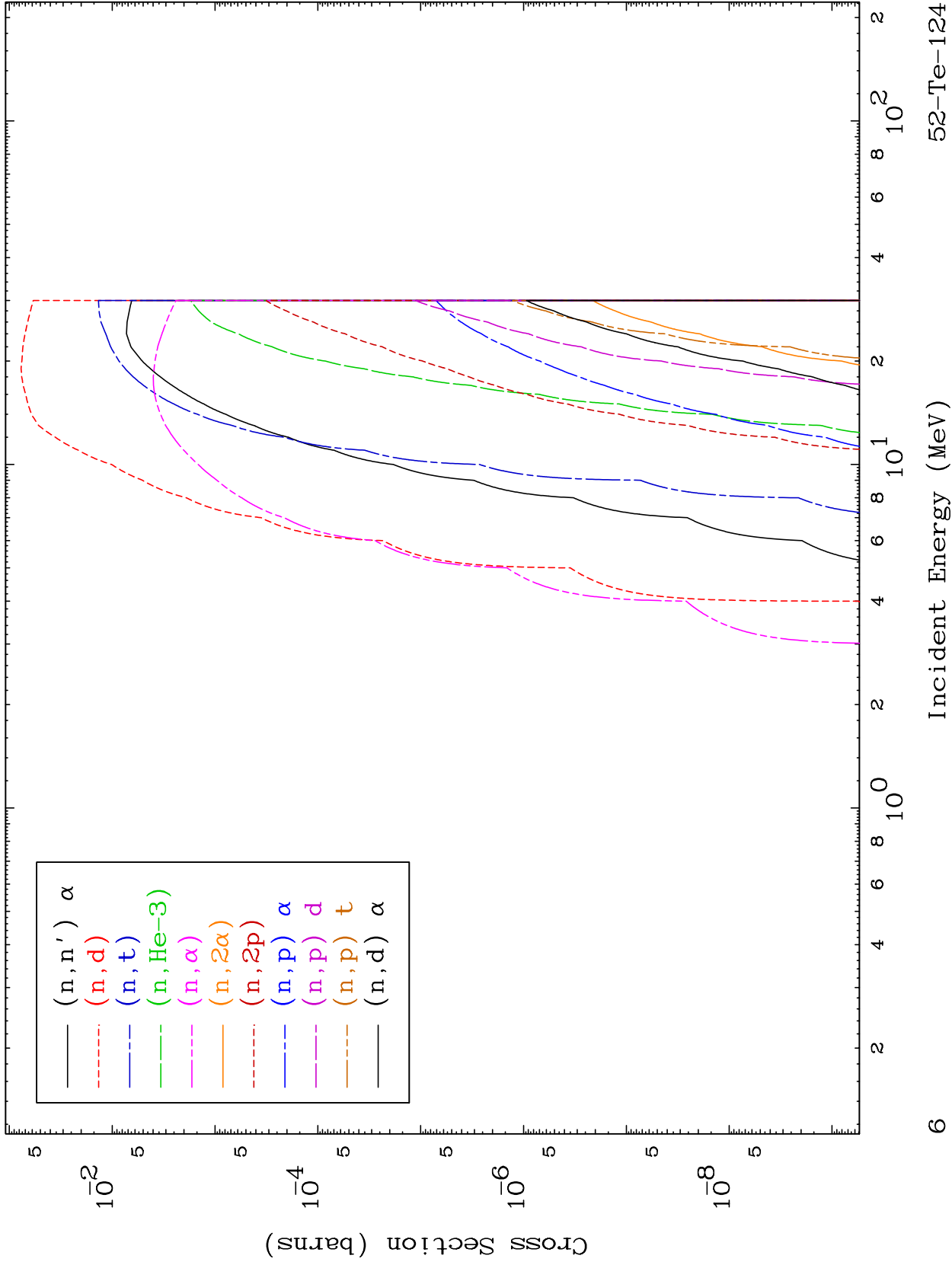
52-Te-124









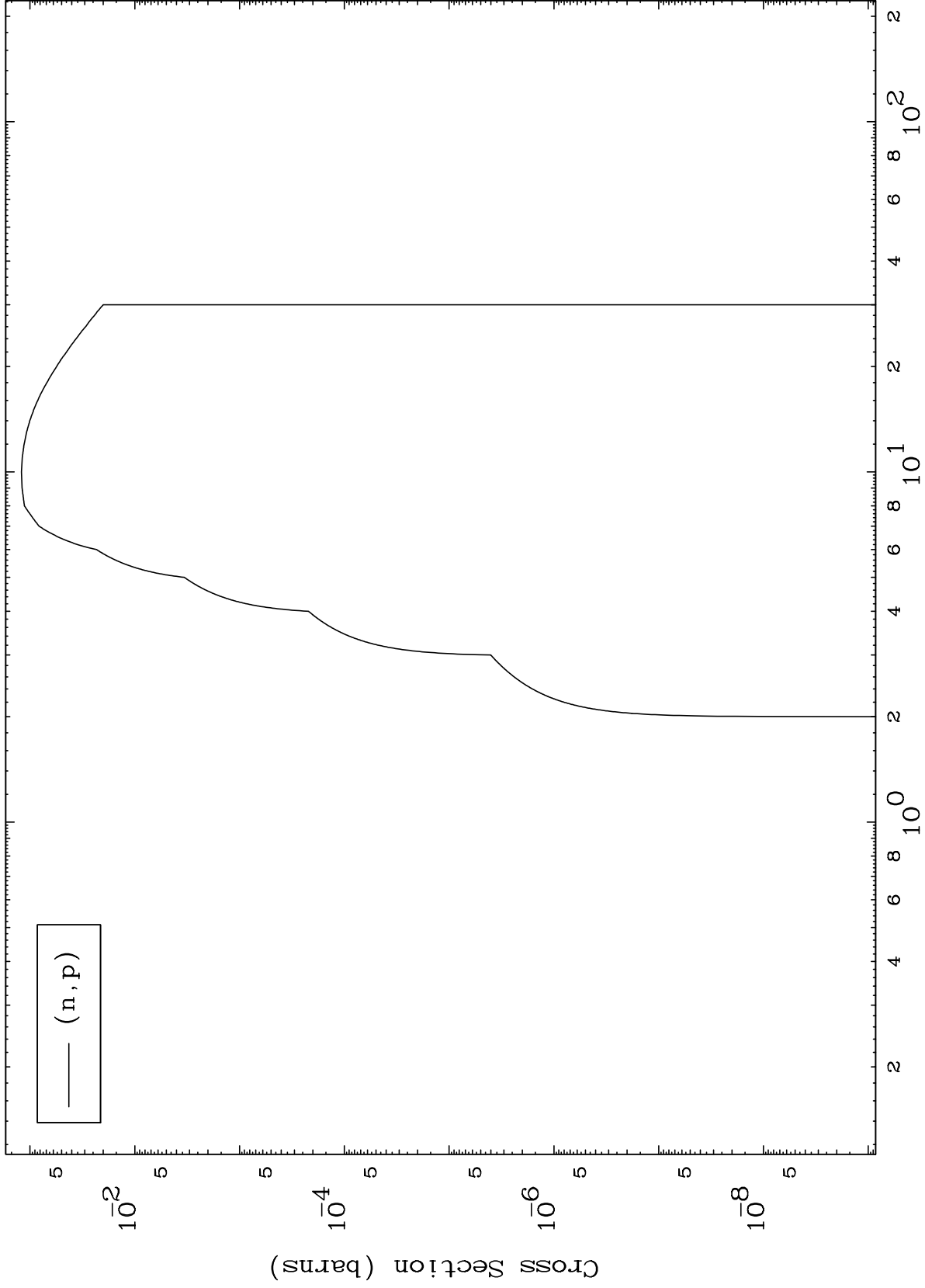


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(d,p) Levels

52-Te-124

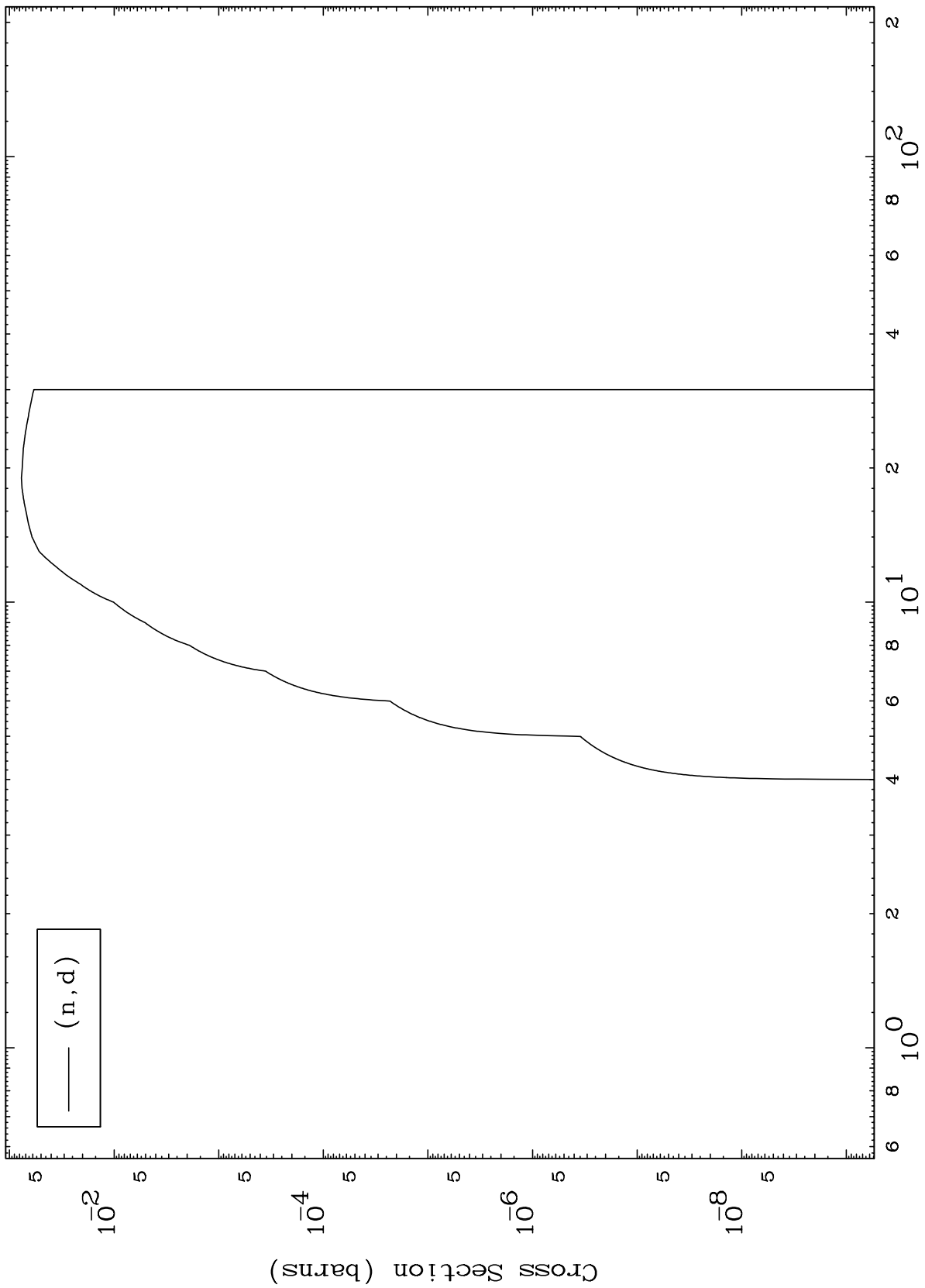
0 Kelvin Cross Sections



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52-Te-124

(d,d) Levels
0 Kelvin Cross Sections



8

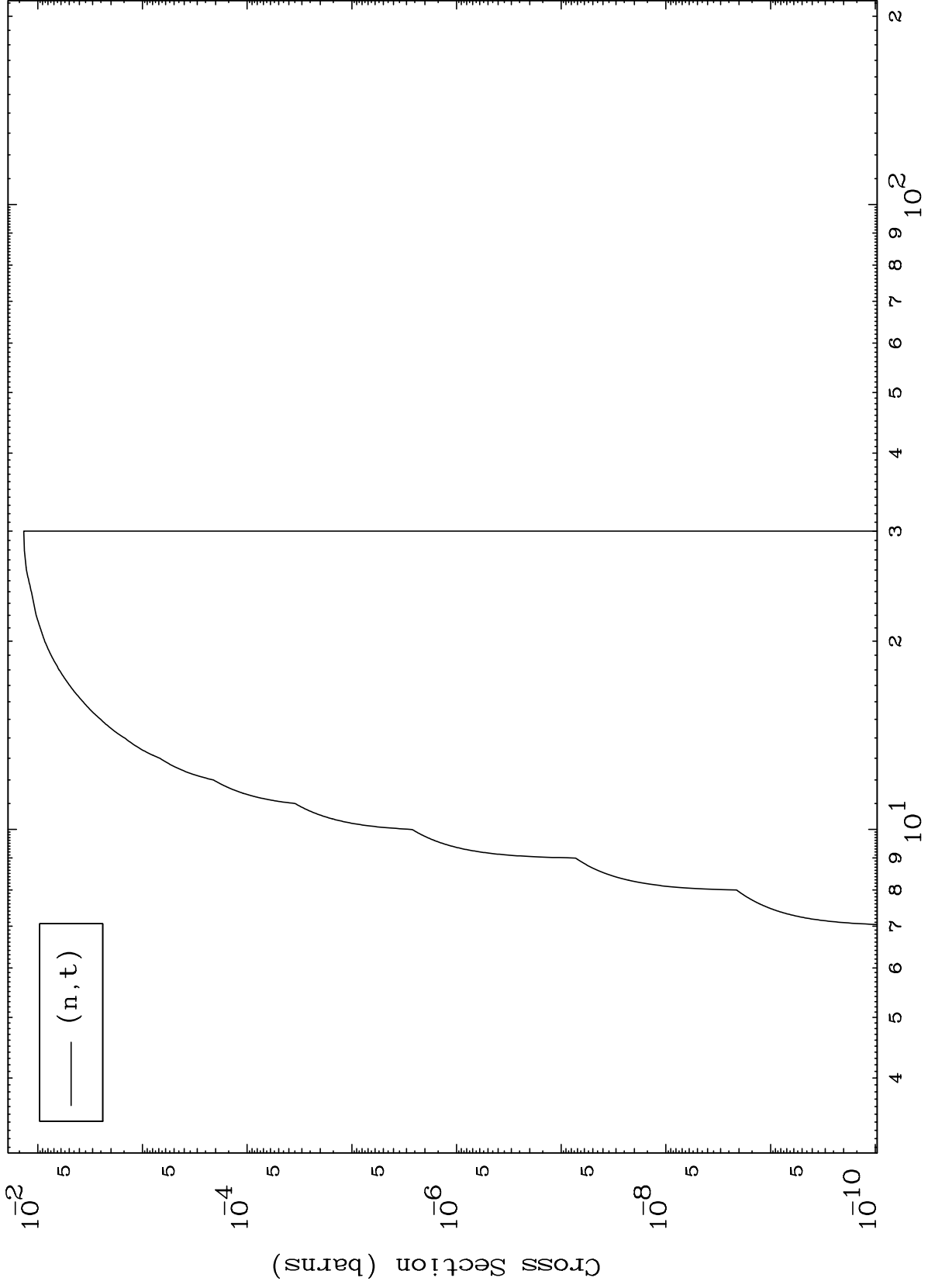
Incident Energy (MeV)

52-Te-124

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(d,t) Levels
0 Kelvin Cross Sections

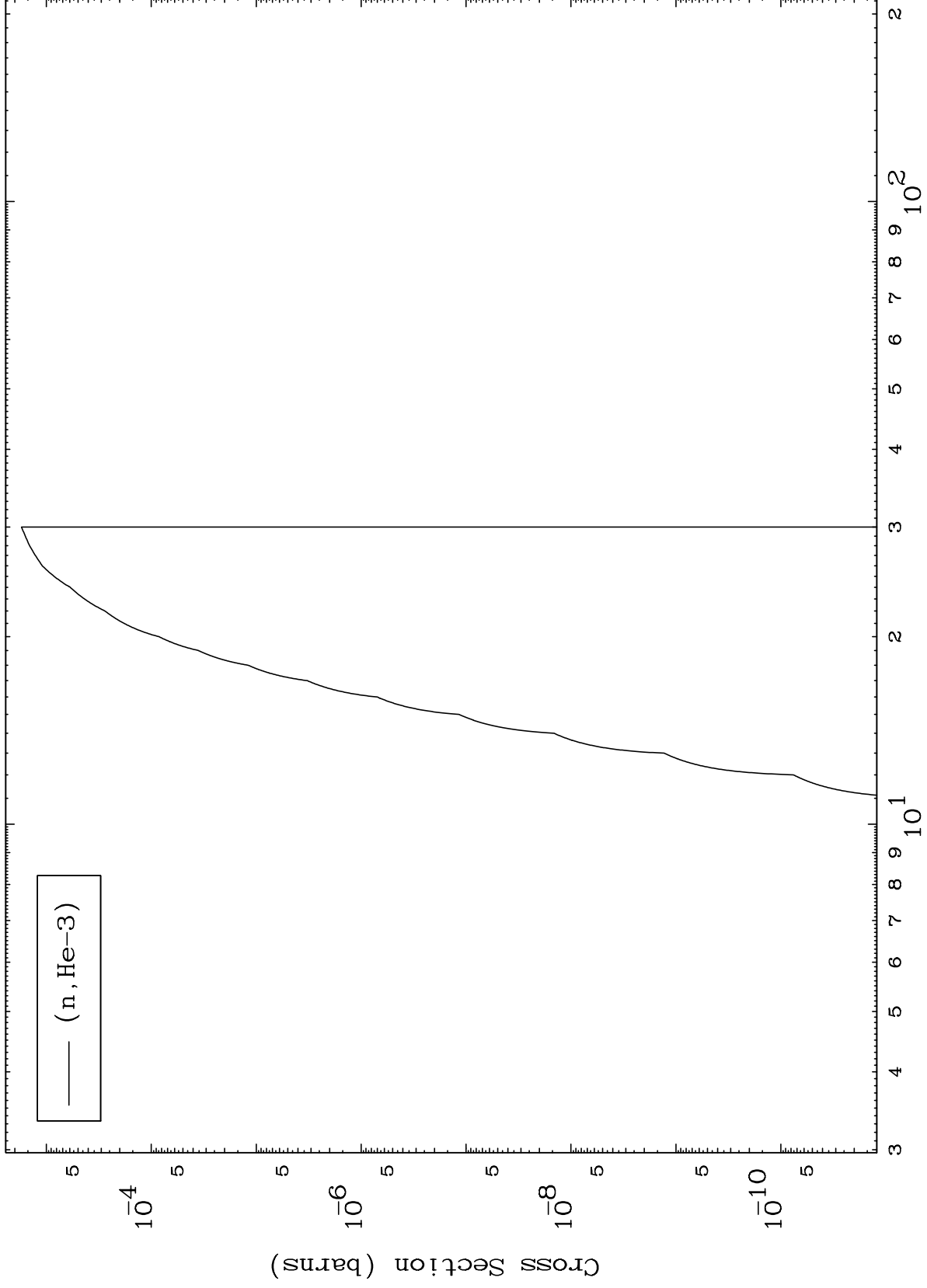
52-Te-124



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(d,He3) Levels
0 Kelvin Cross Sections

52-Te-124



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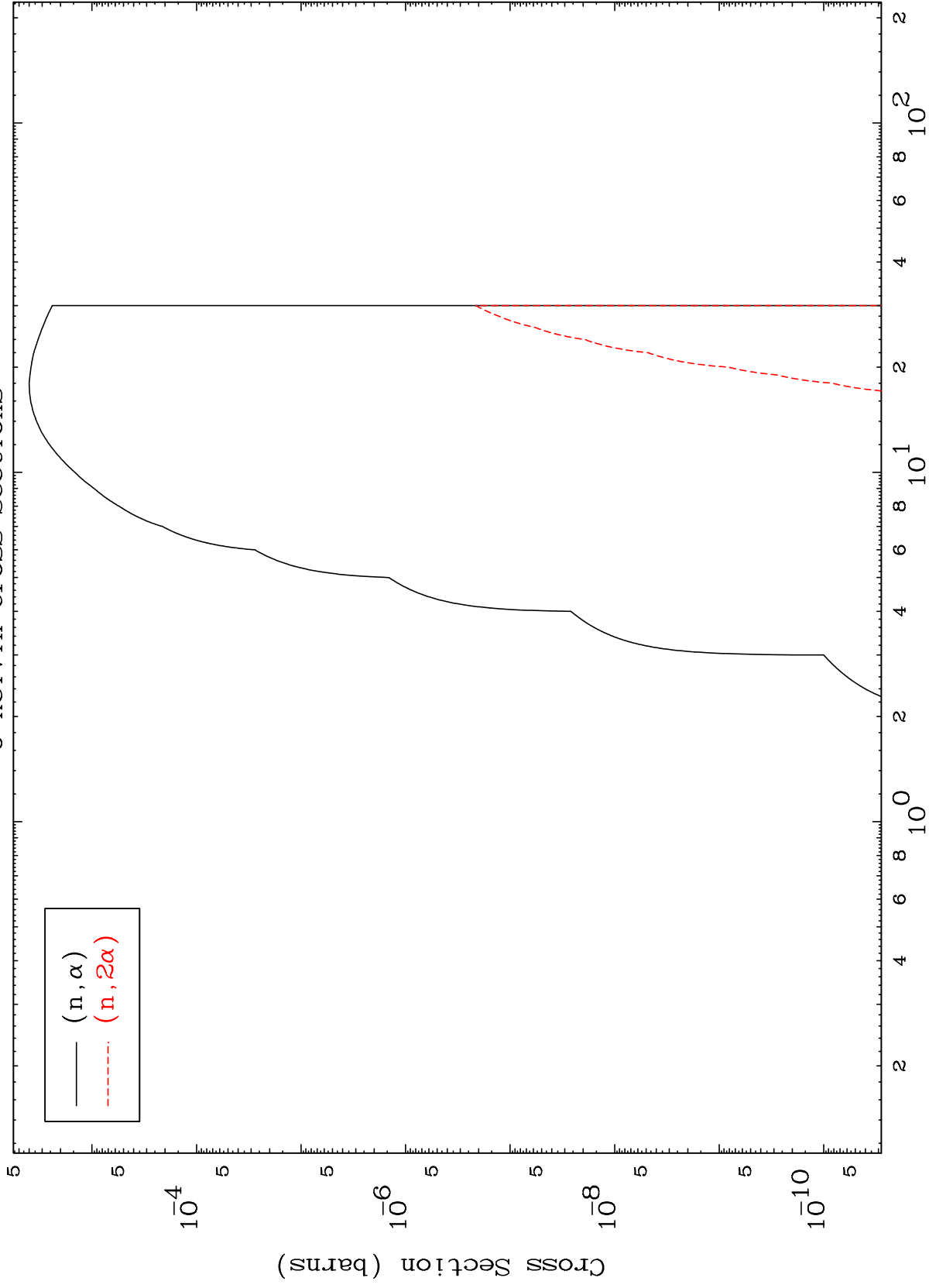
Incident Energy (MeV)

52-Te-124

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(d, α) Levels
0 Kelvin Cross Sections

52-Te-124

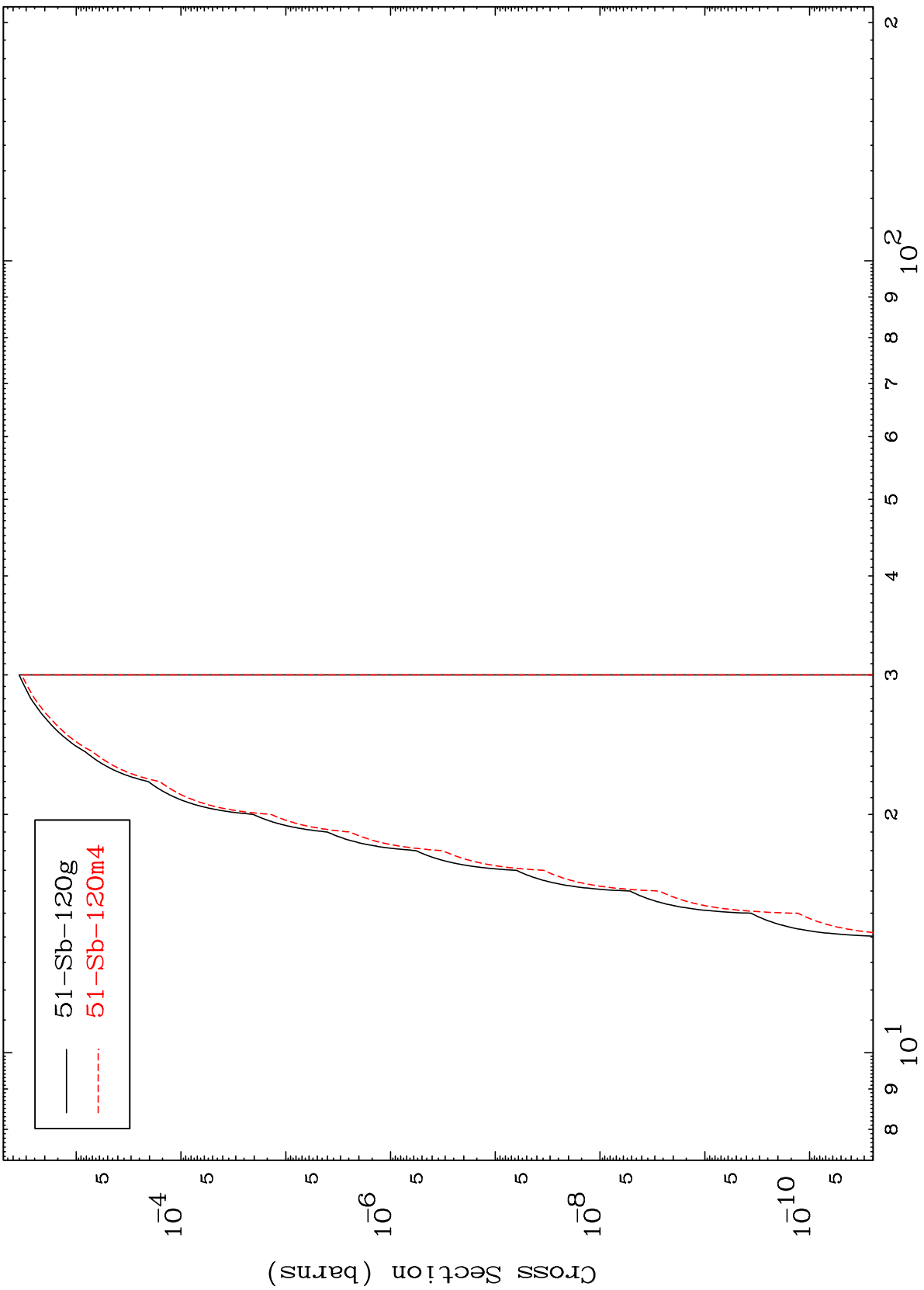


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(n,2n) α

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Radionuclide Production Cross Section



12

Incident Energy (MeV)

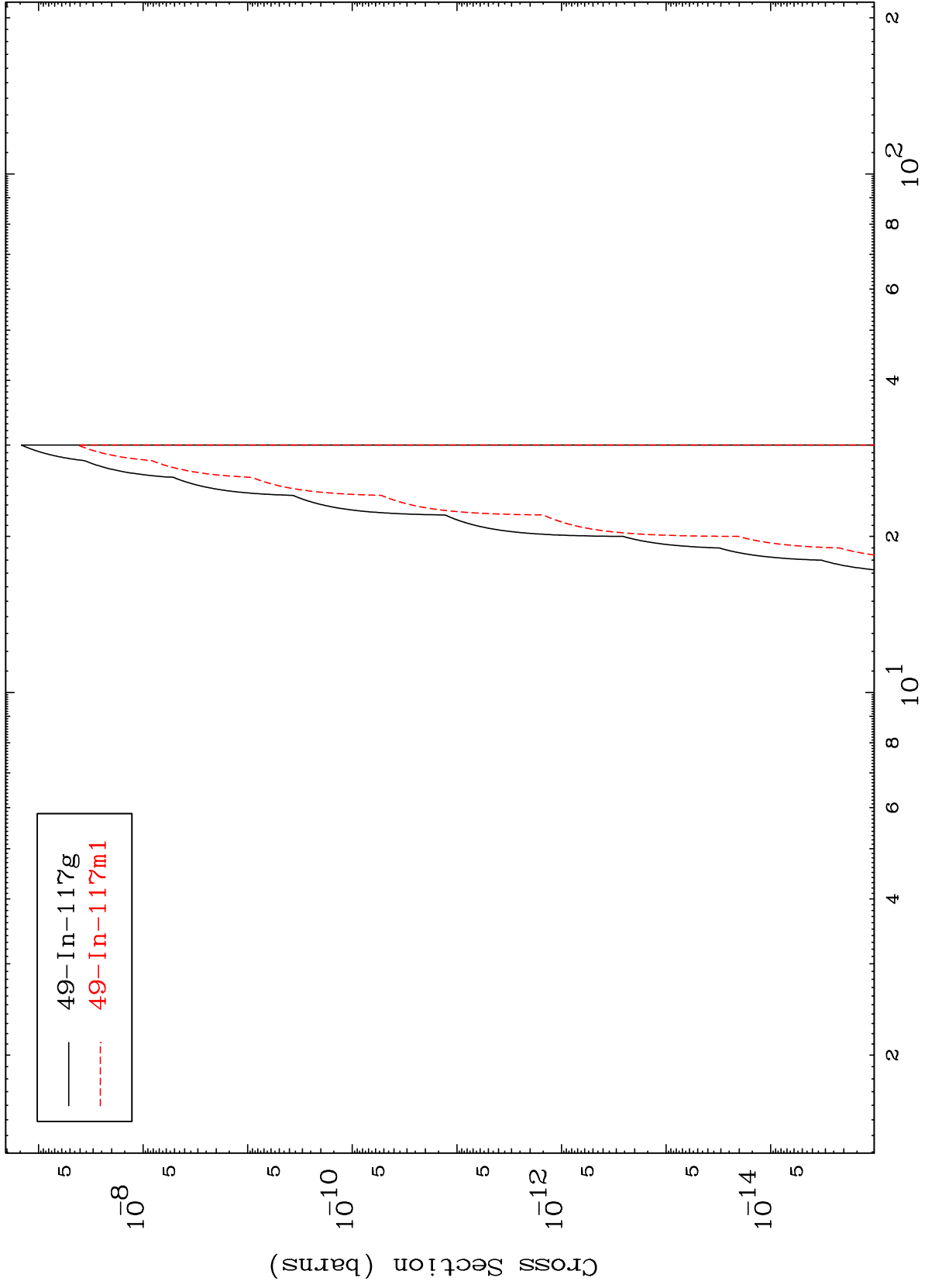
52-Te-124

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(n,n') 2 α

52-Te-124

Radionuclide Production Cross Section



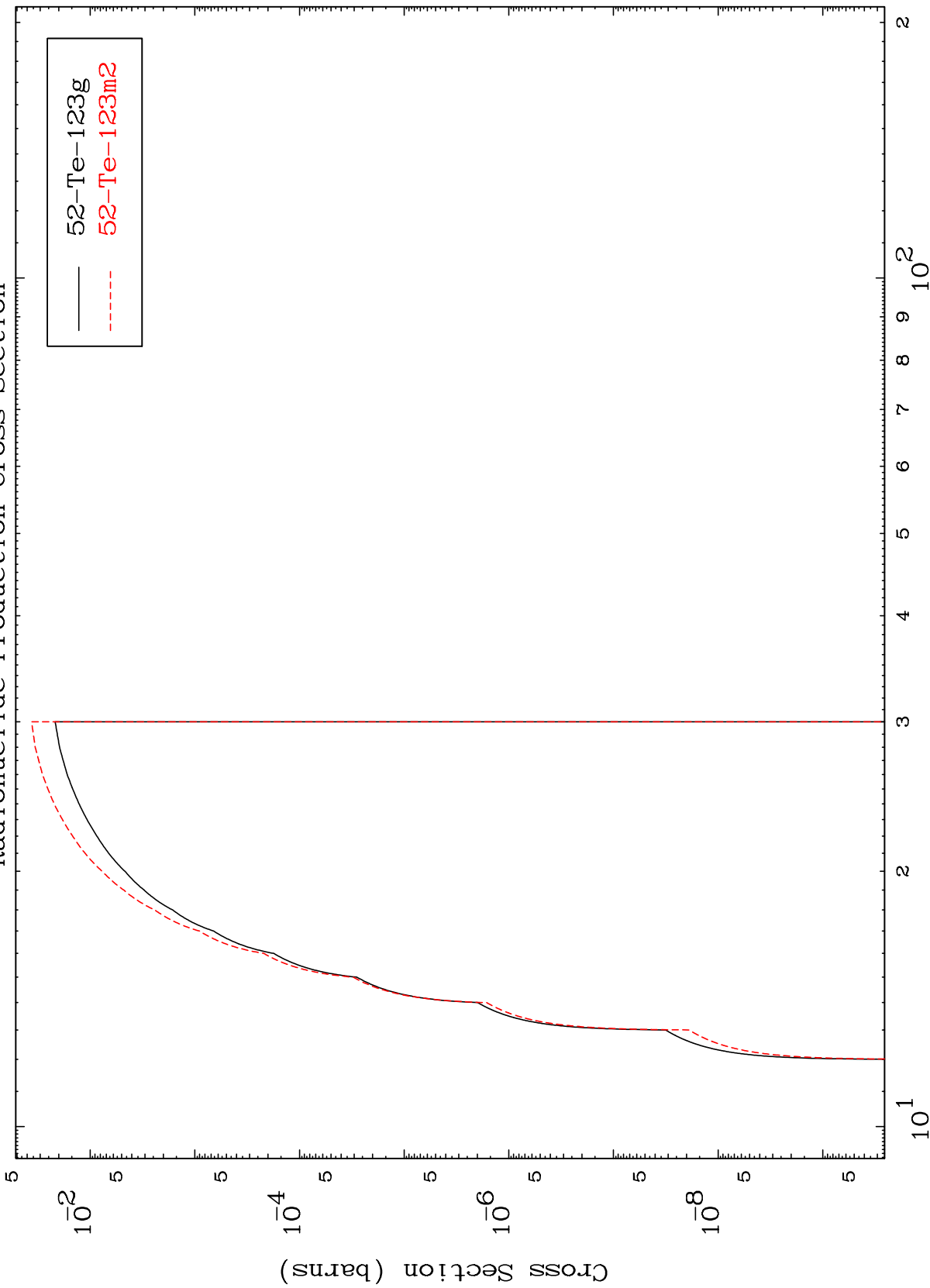
— 49-In-117g
- - - 49-In-117m1

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(n,n') d

52-Te-124

Radionuclide Production Cross Section



Incident Energy (MeV)

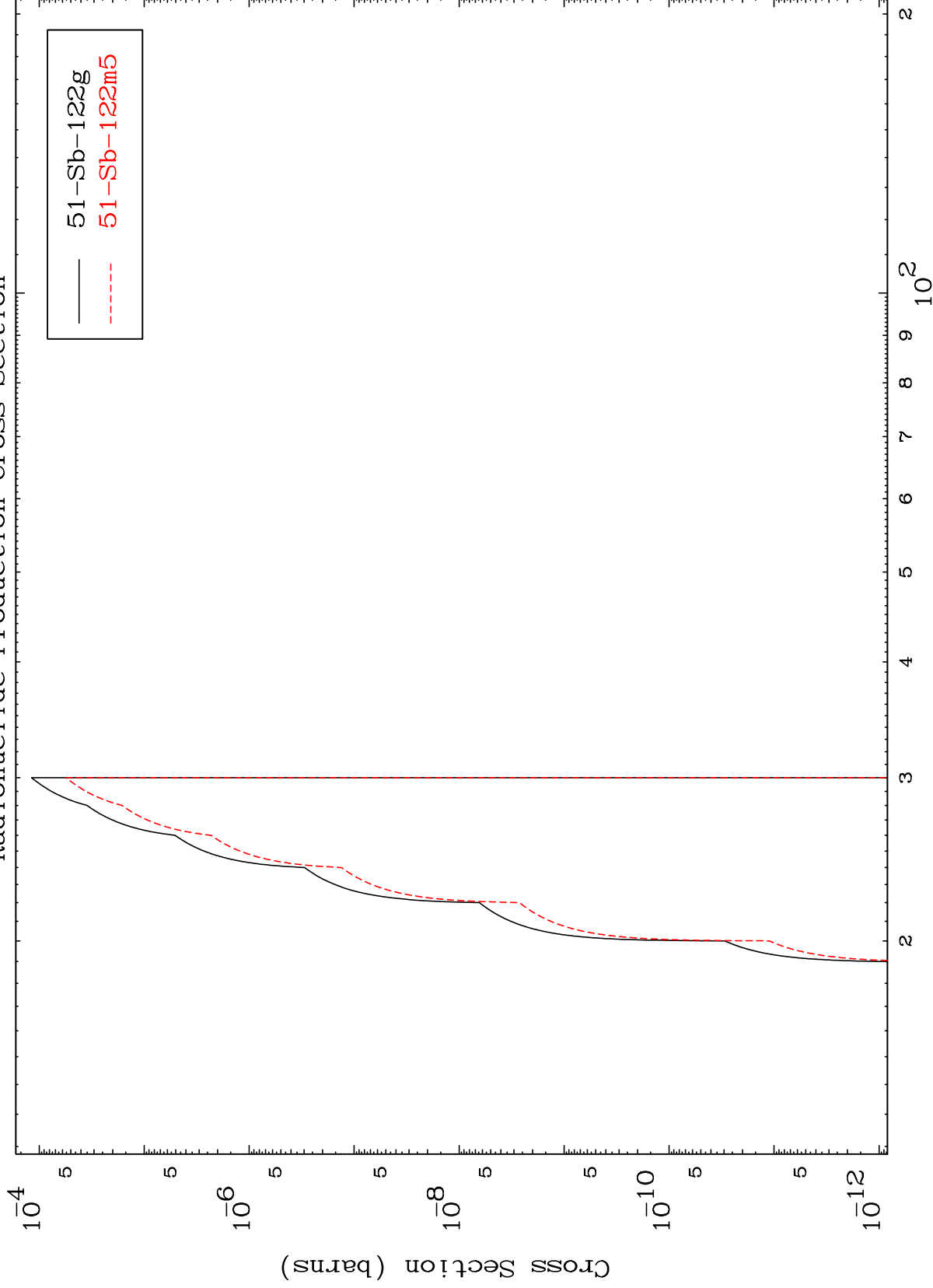
52-Te-124

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(n,n') He-3

52-Te-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

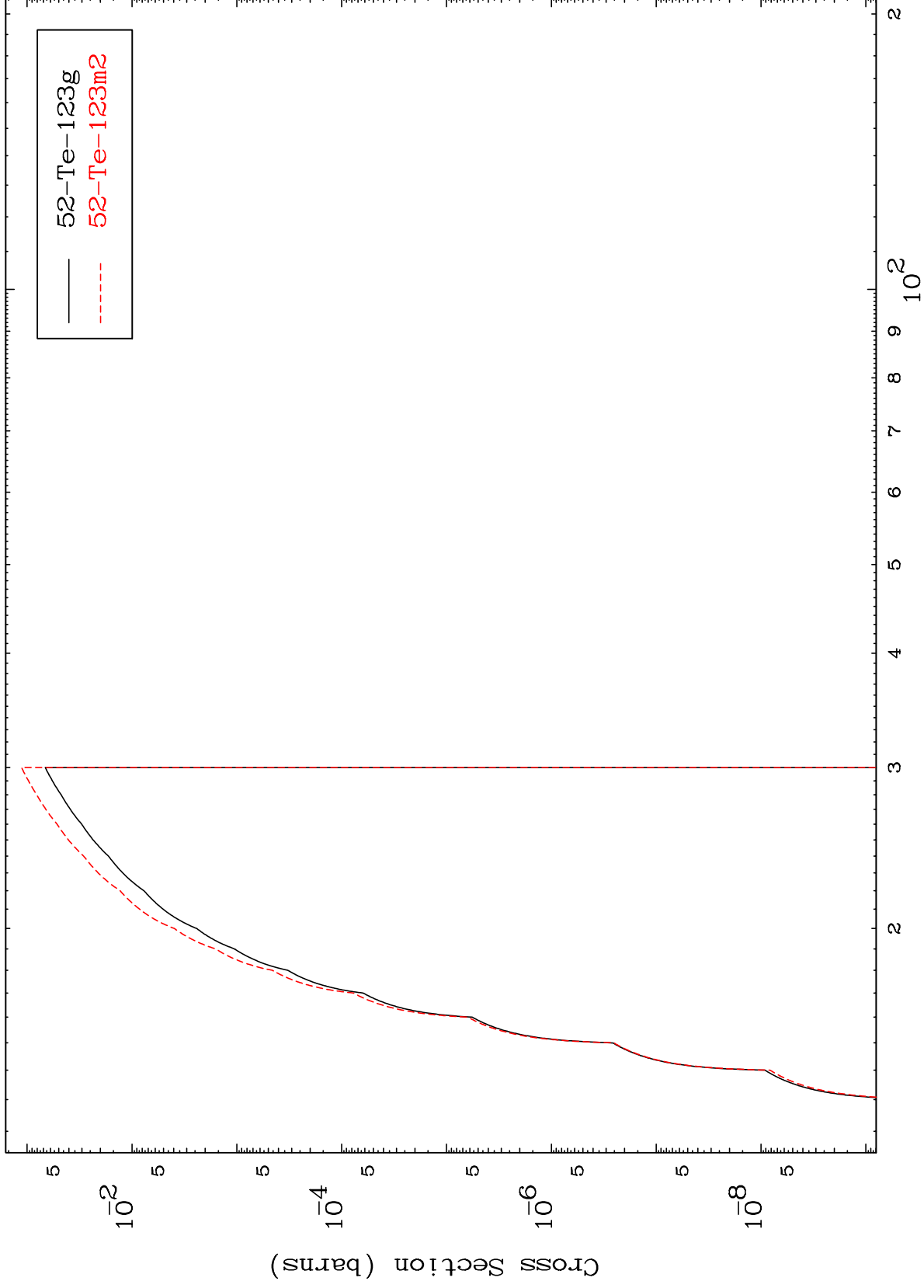
52-Te-124

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(n,2n) p

52-Te-124

Radionuclide Production Cross Section



16

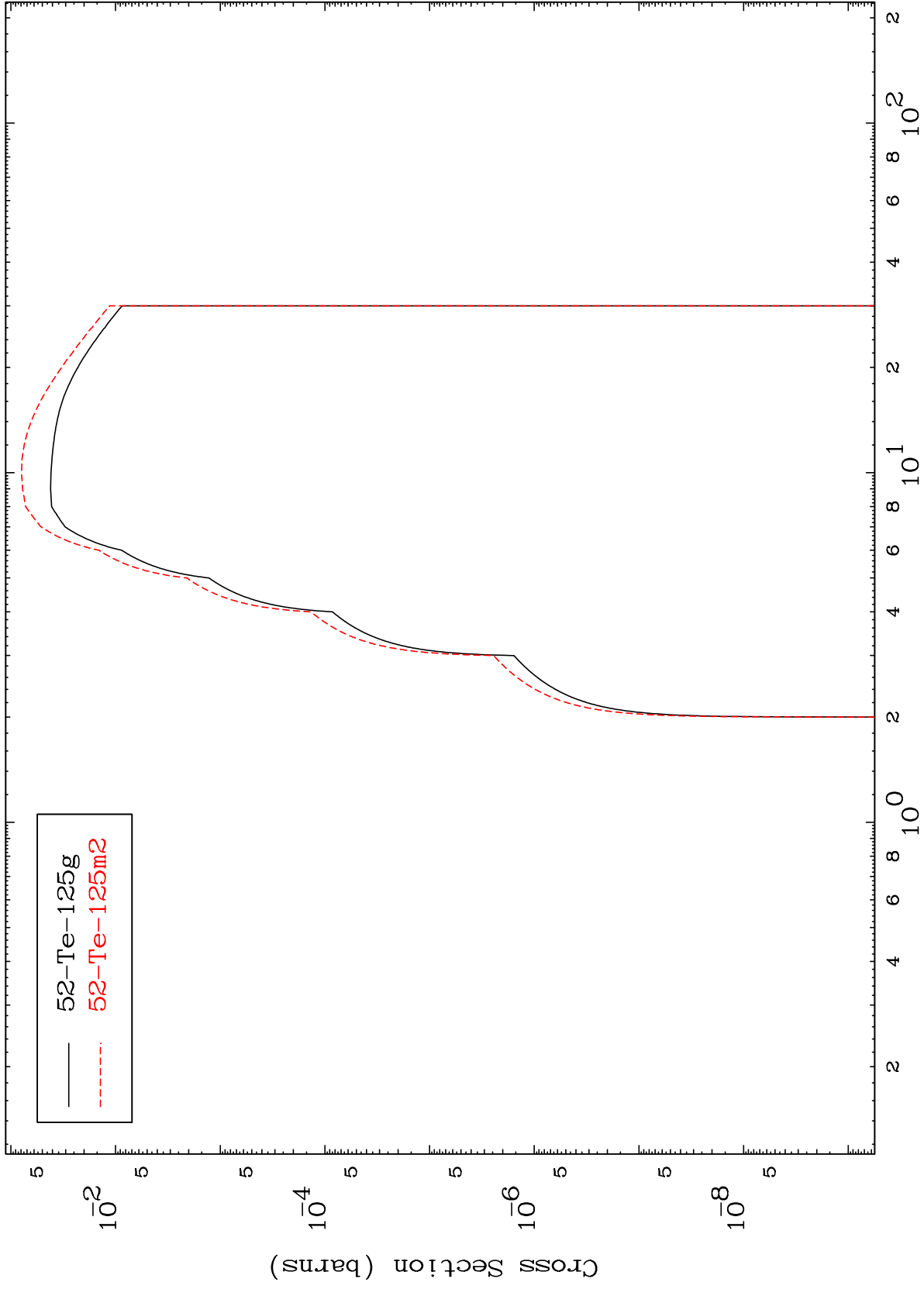
Incident Energy (MeV)

52-Te-124

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52-Te-124

(n,p)
Radionuclide Production Cross Section



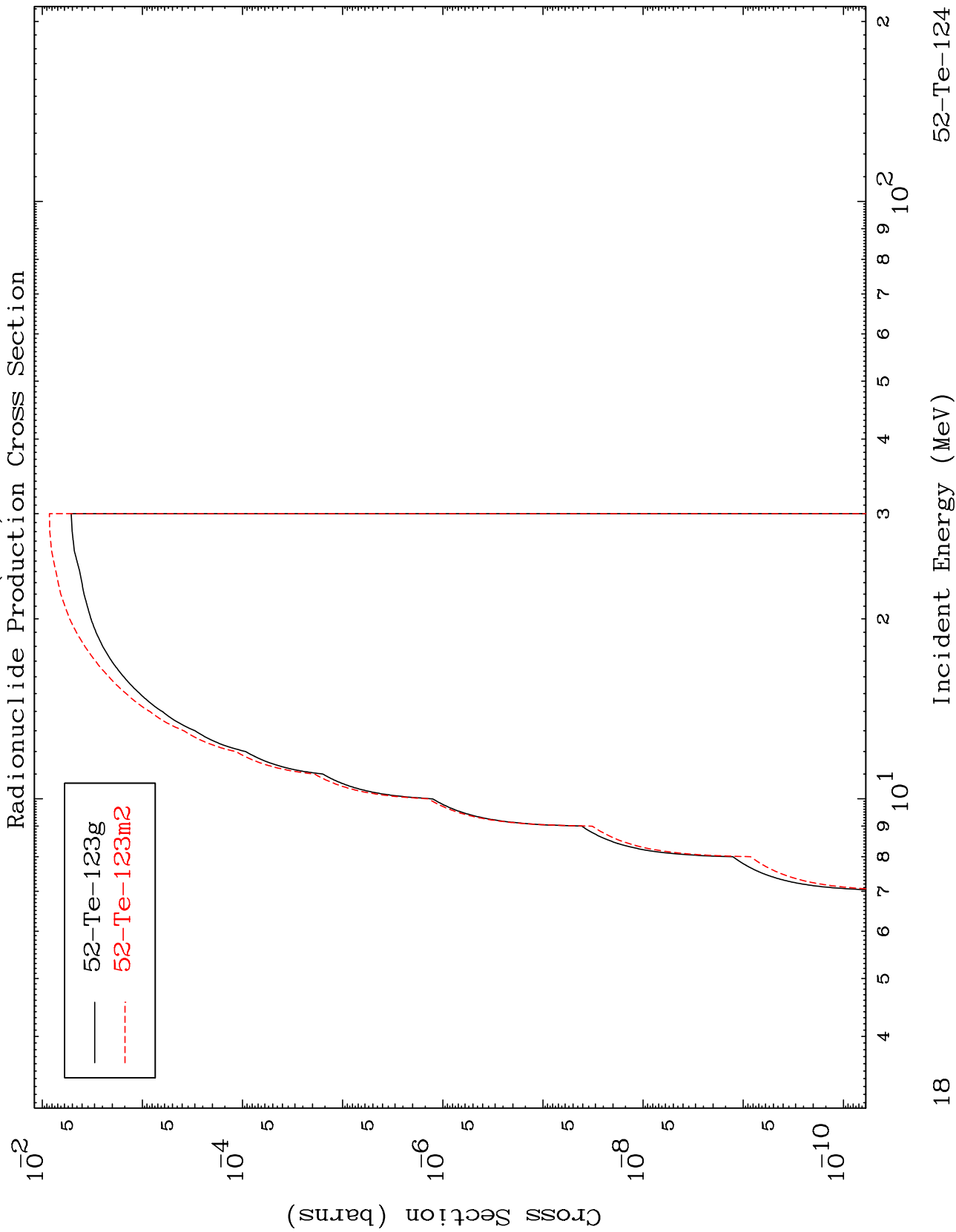
52-Te-124

Incident Energy (MeV)

17

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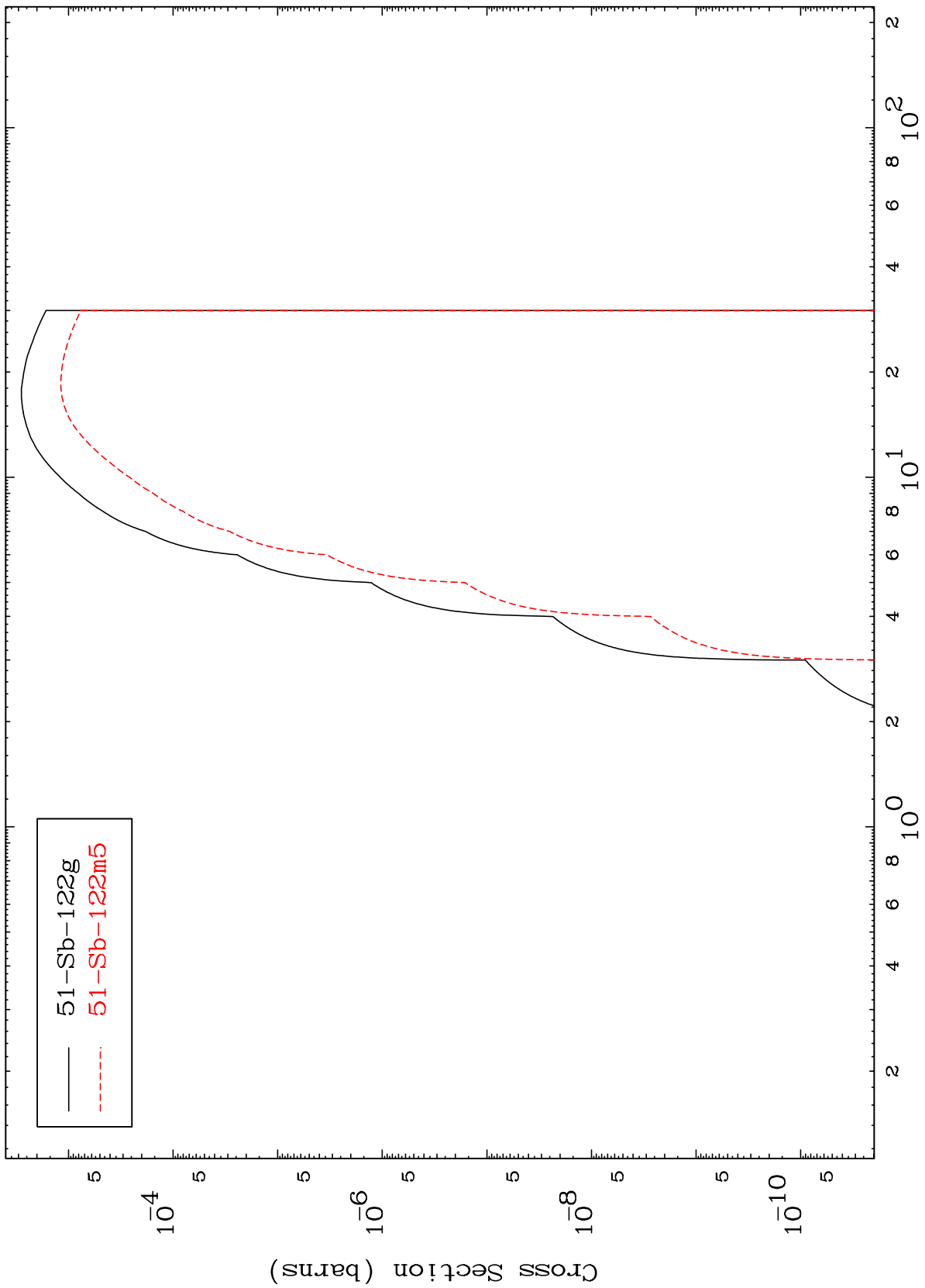
52-Te-124



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52-Te-124

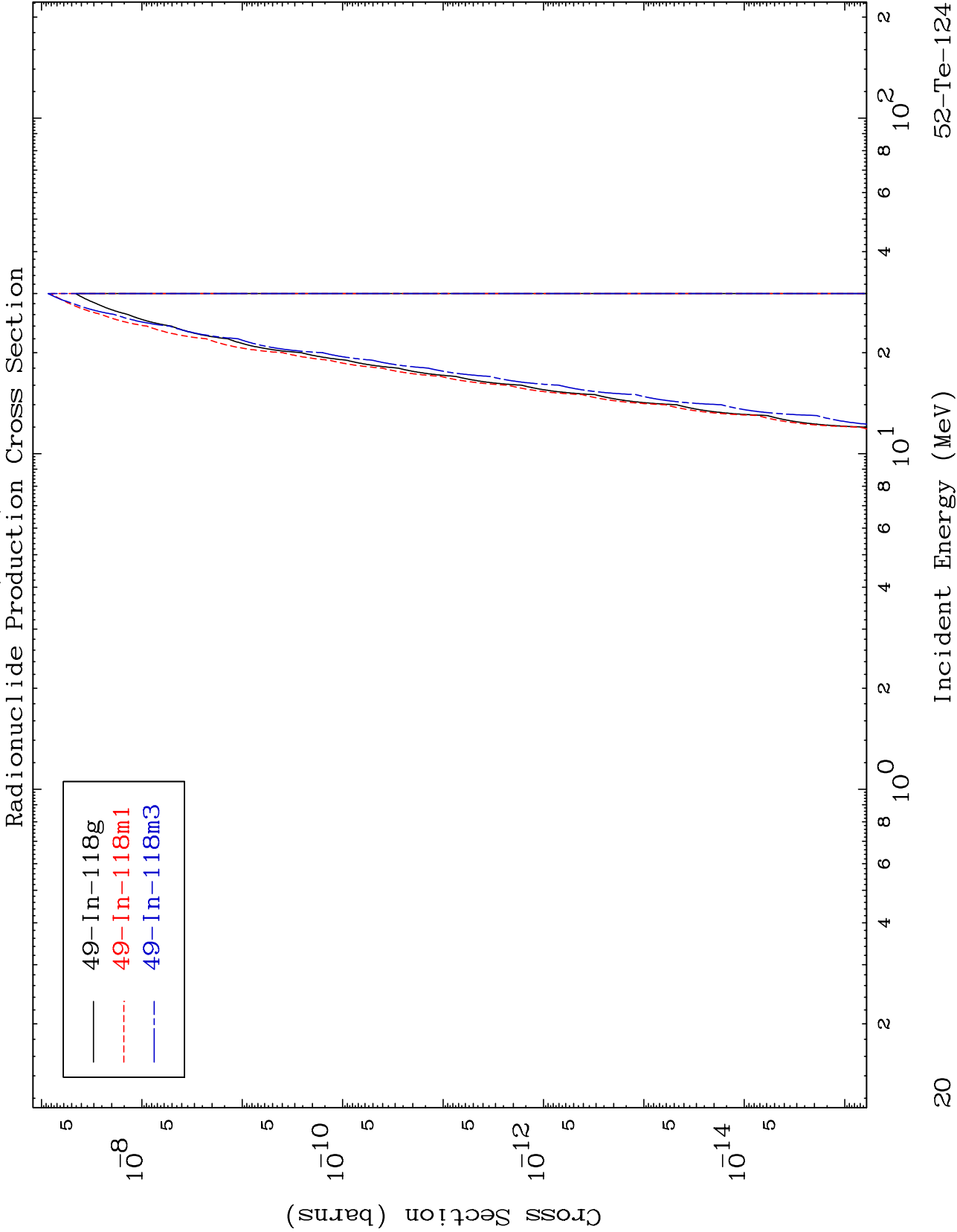
(n, α)
Radionuclide Production Cross Section



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(n,2α)

52-Te-124



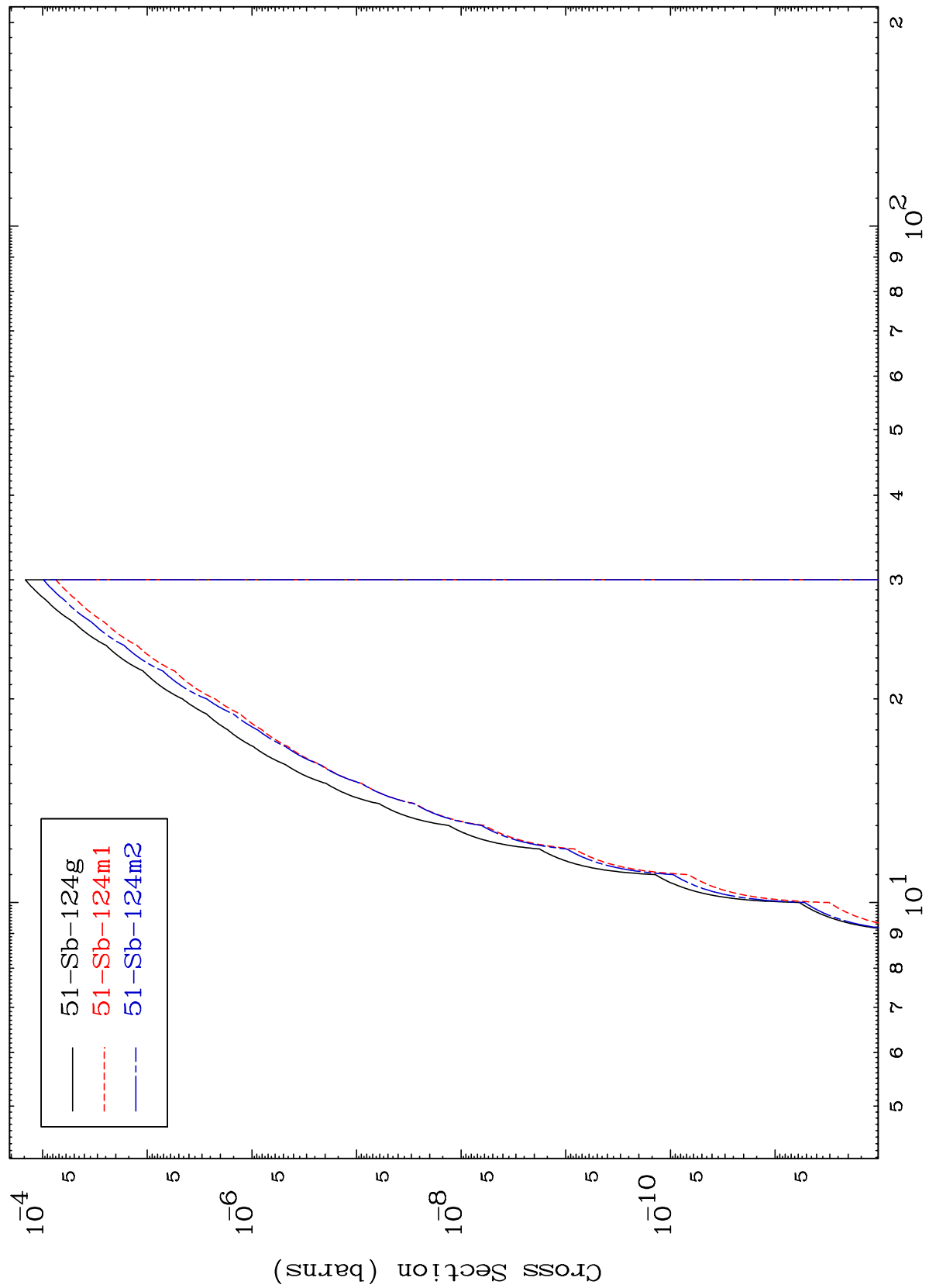
20

52-Te-124

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52-Te-124

(n,2p)
Radionuclide Production Cross Section



21

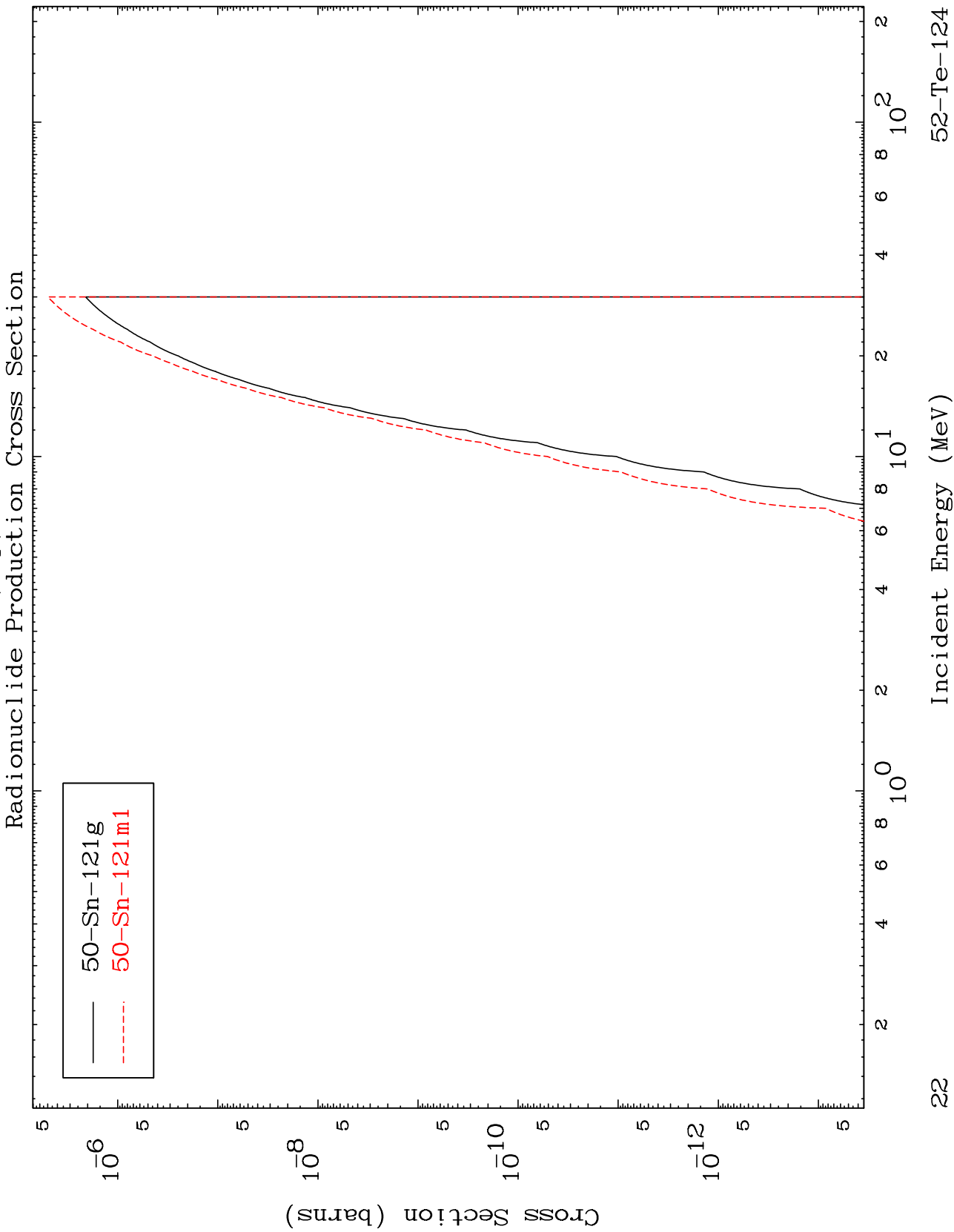
Incident Energy (MeV)

52-Te-124

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(n,p) α

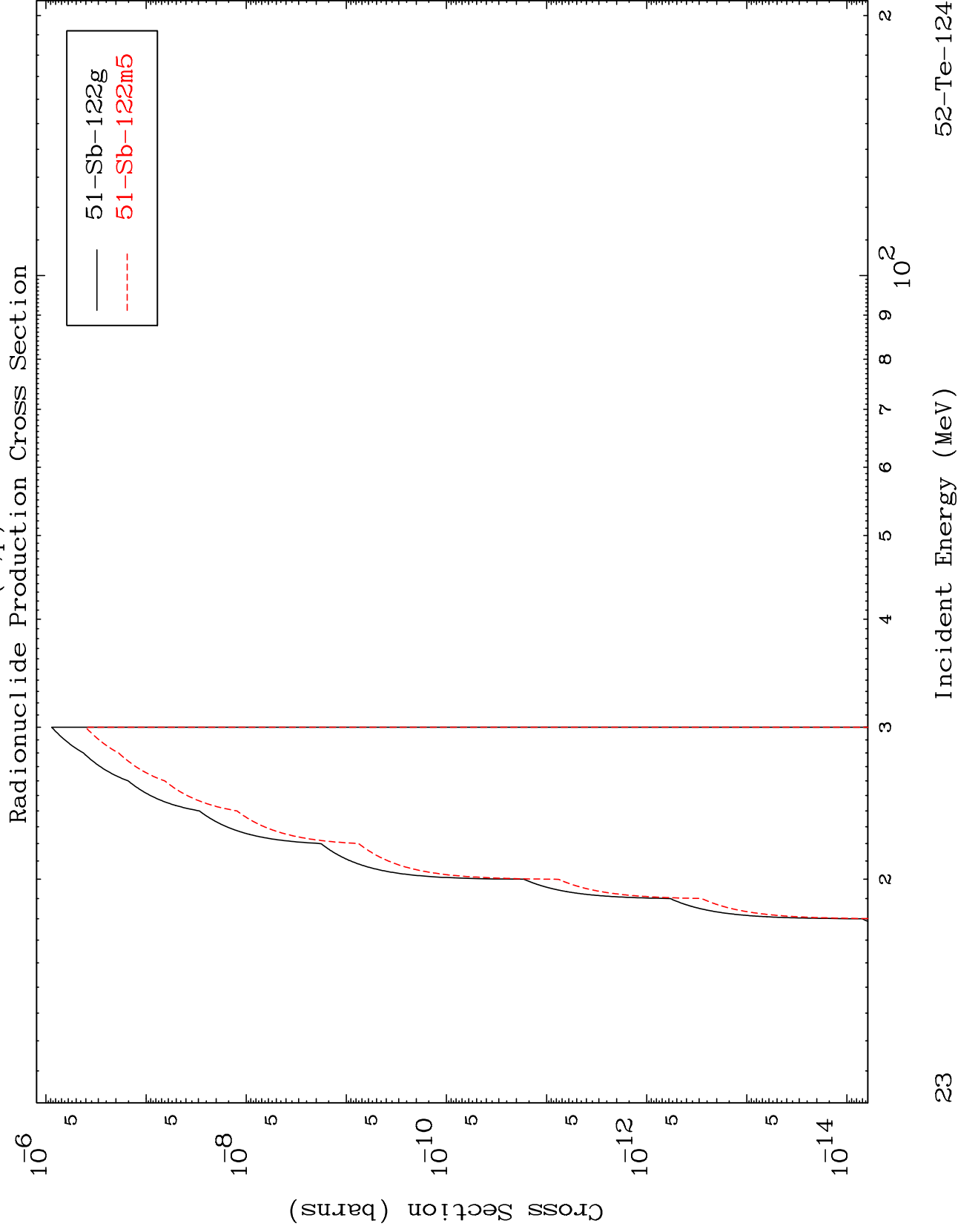
52-Te-124



MAT 5237

(n,p) t

52-Te-124



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52-Te-124