

Program EVALPLOT
(Version 2021-1)

by

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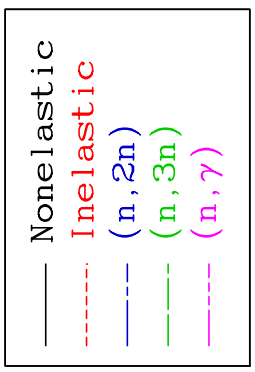
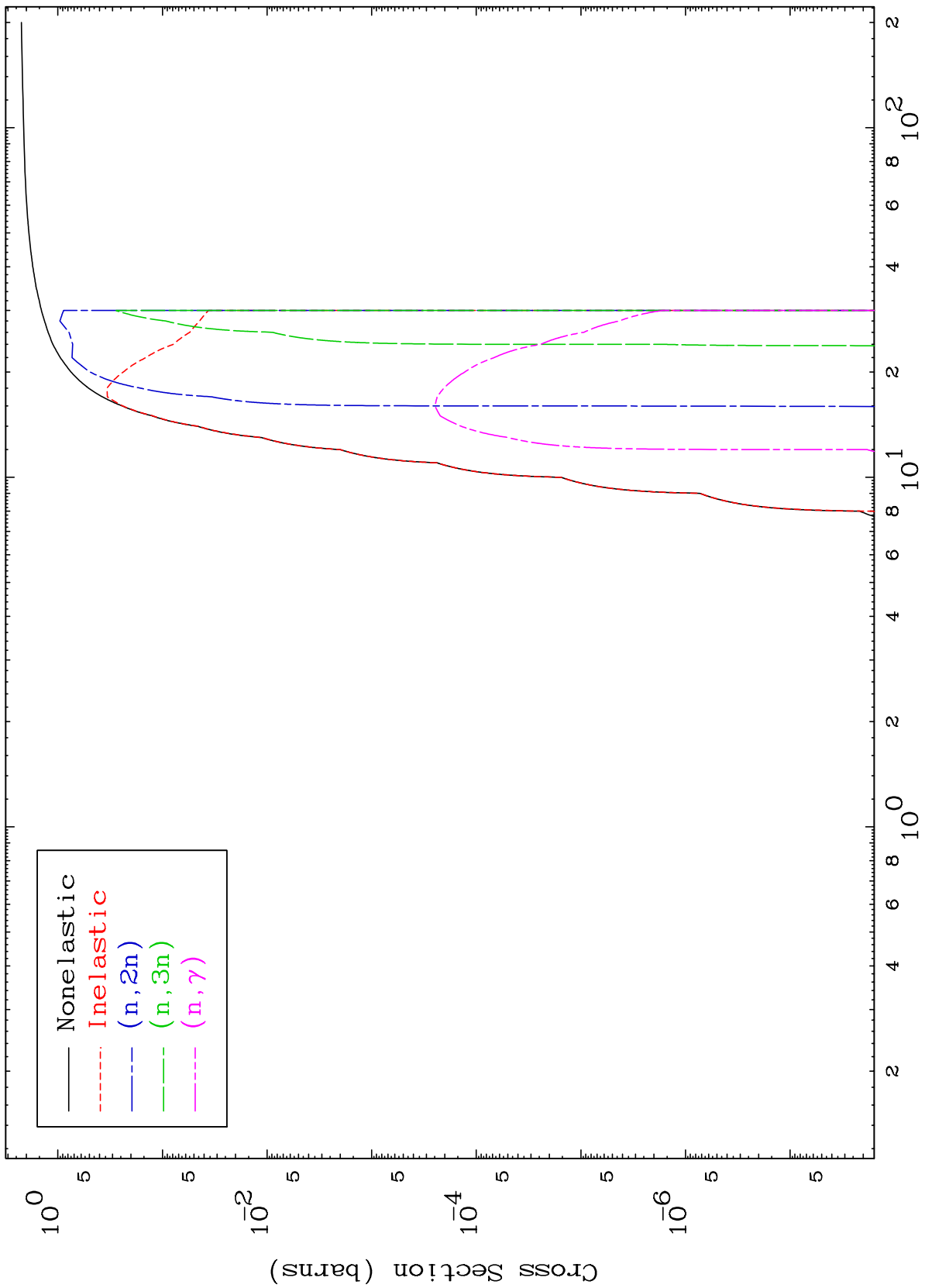
Press Mouse Button to Start

MAT 5235

α Major

52-Te-123m

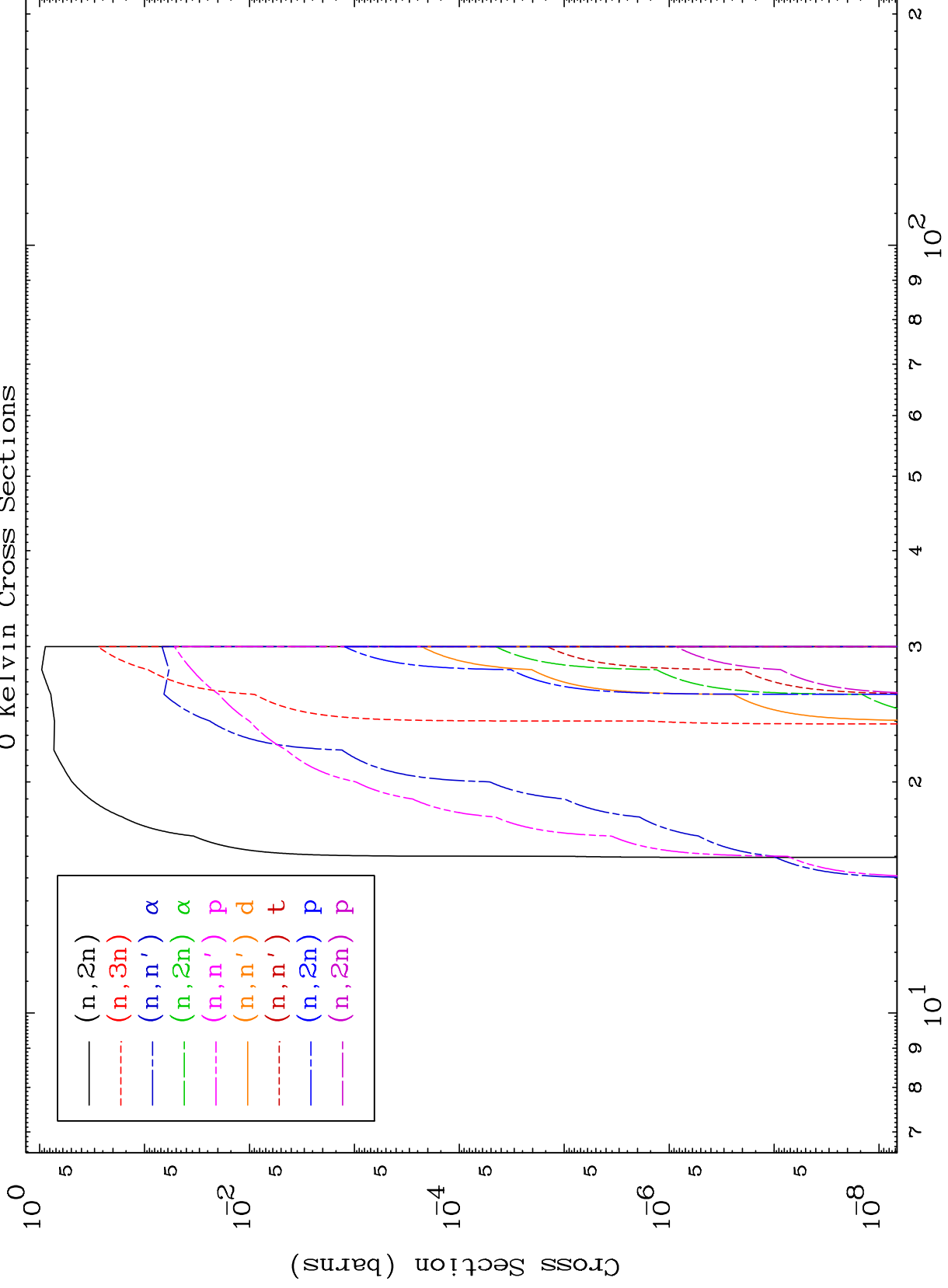
0 Kelvin Cross Sections



MAT 5235

α Neutron Absorption
0 Kelvin Cross Sections

52-Te-123m



2

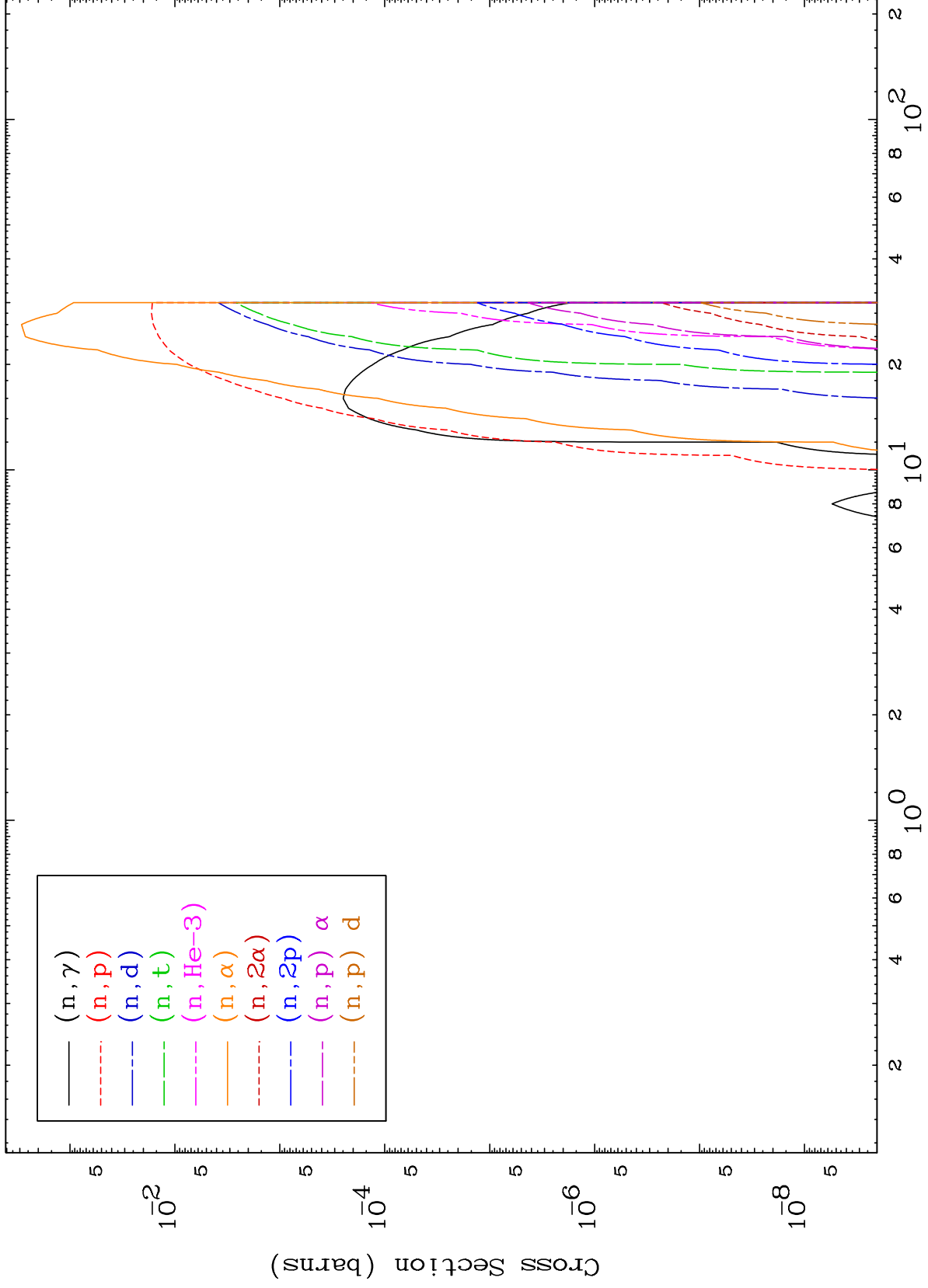
Incident Energy (MeV)

52-Te-123m

MAT 5235

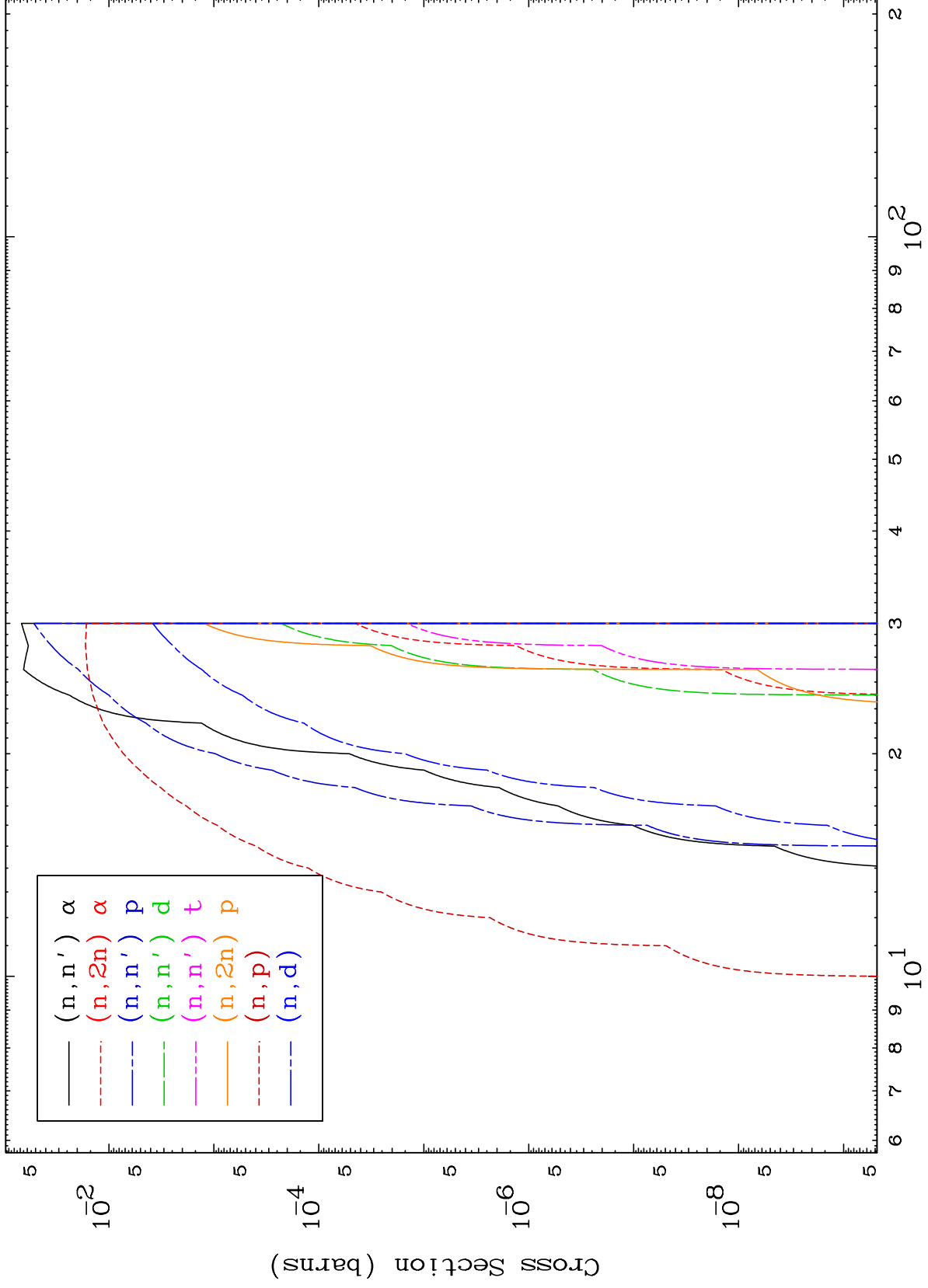
α Neutron Absorption
0 Kelvin Cross Sections

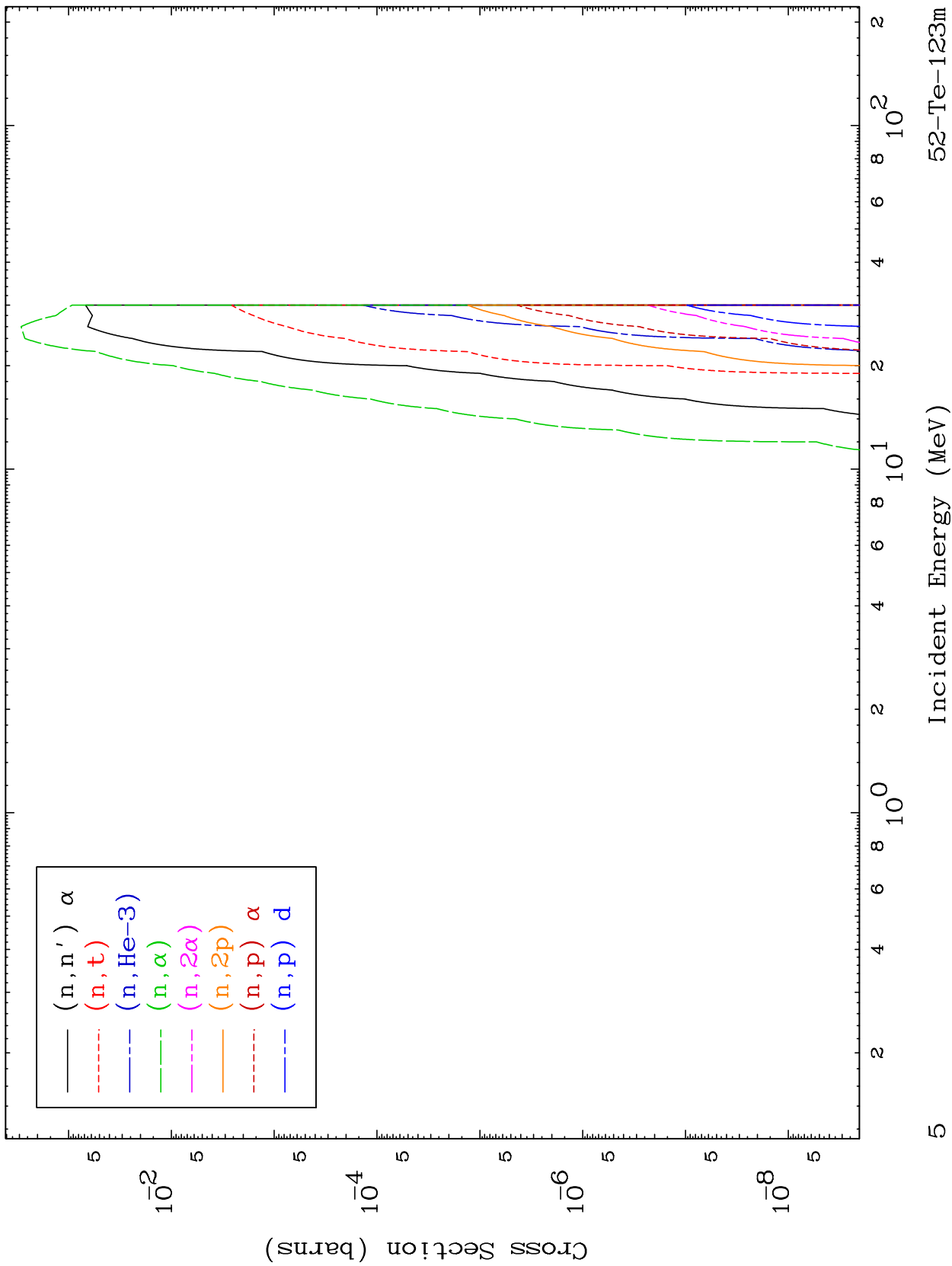
52-Te-123m



Incident Energy (MeV)

52-Te-123m



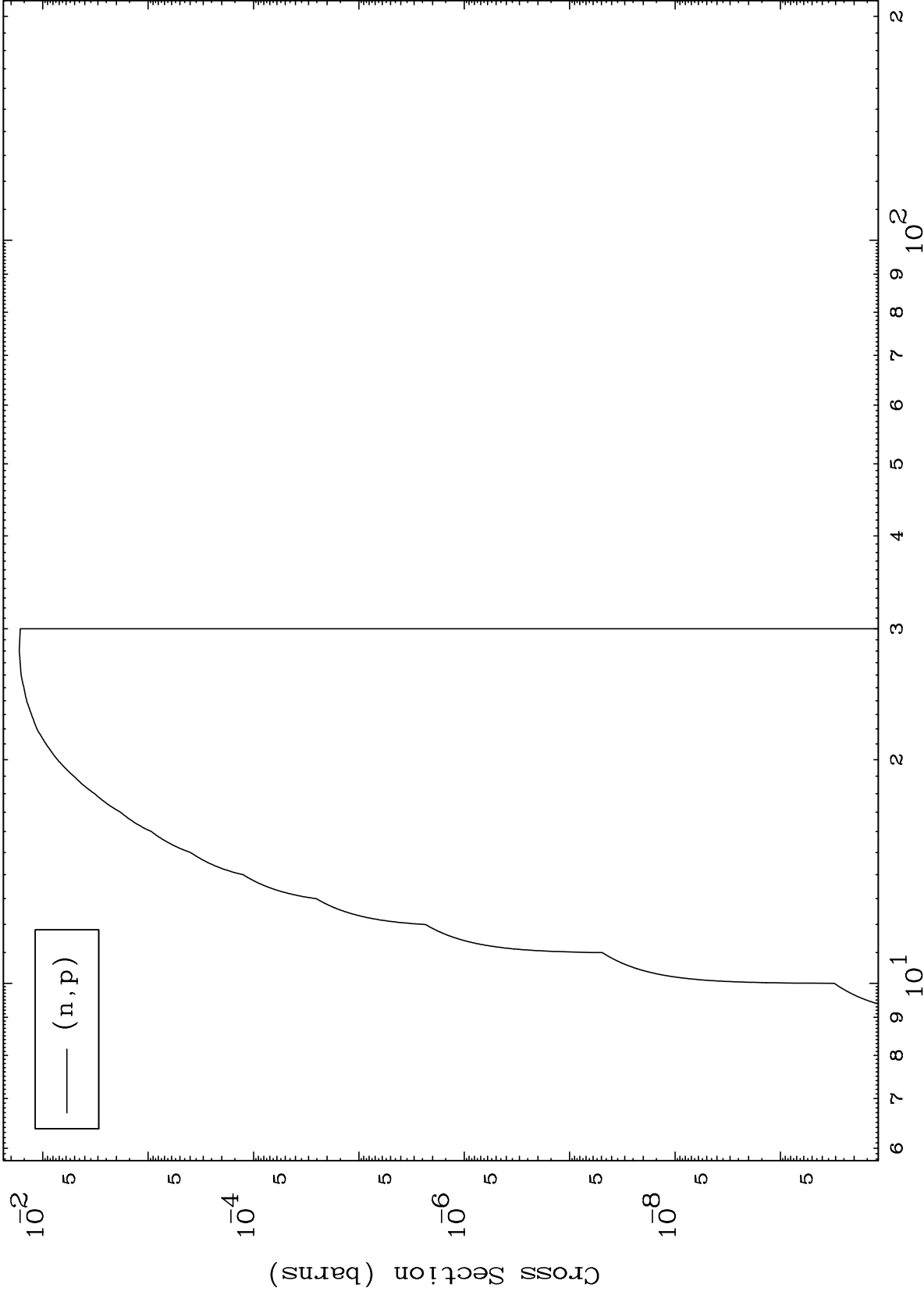


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(α, p) Levels

52-Te-123m

0 Kelvin Cross Sections



6

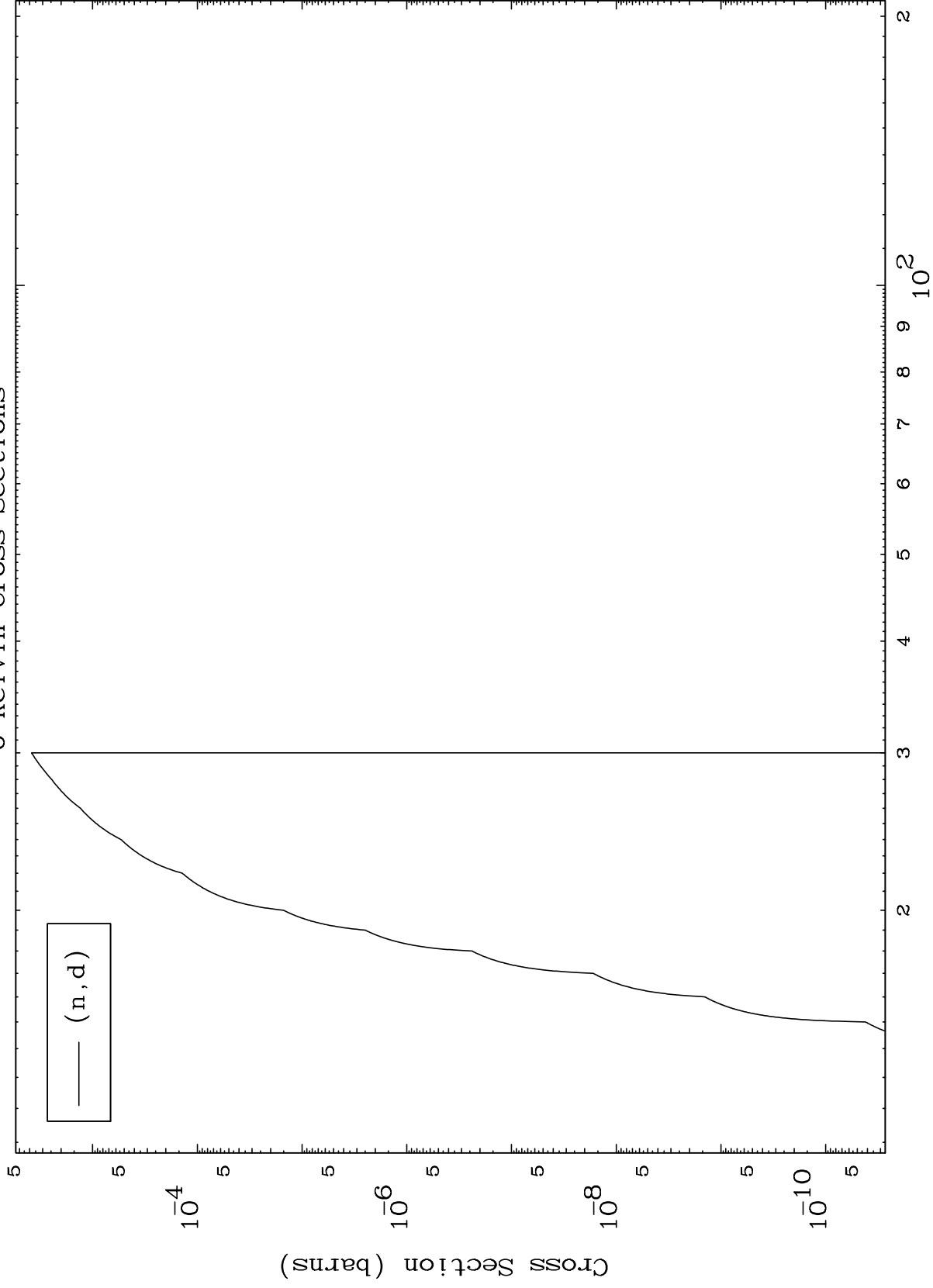
Incident Energy (MeV)

52-Te-123m

MAT 5235

(α, d) Levels
0 Kelvin Cross Sections

$^{52}\text{Te-123m}$



7

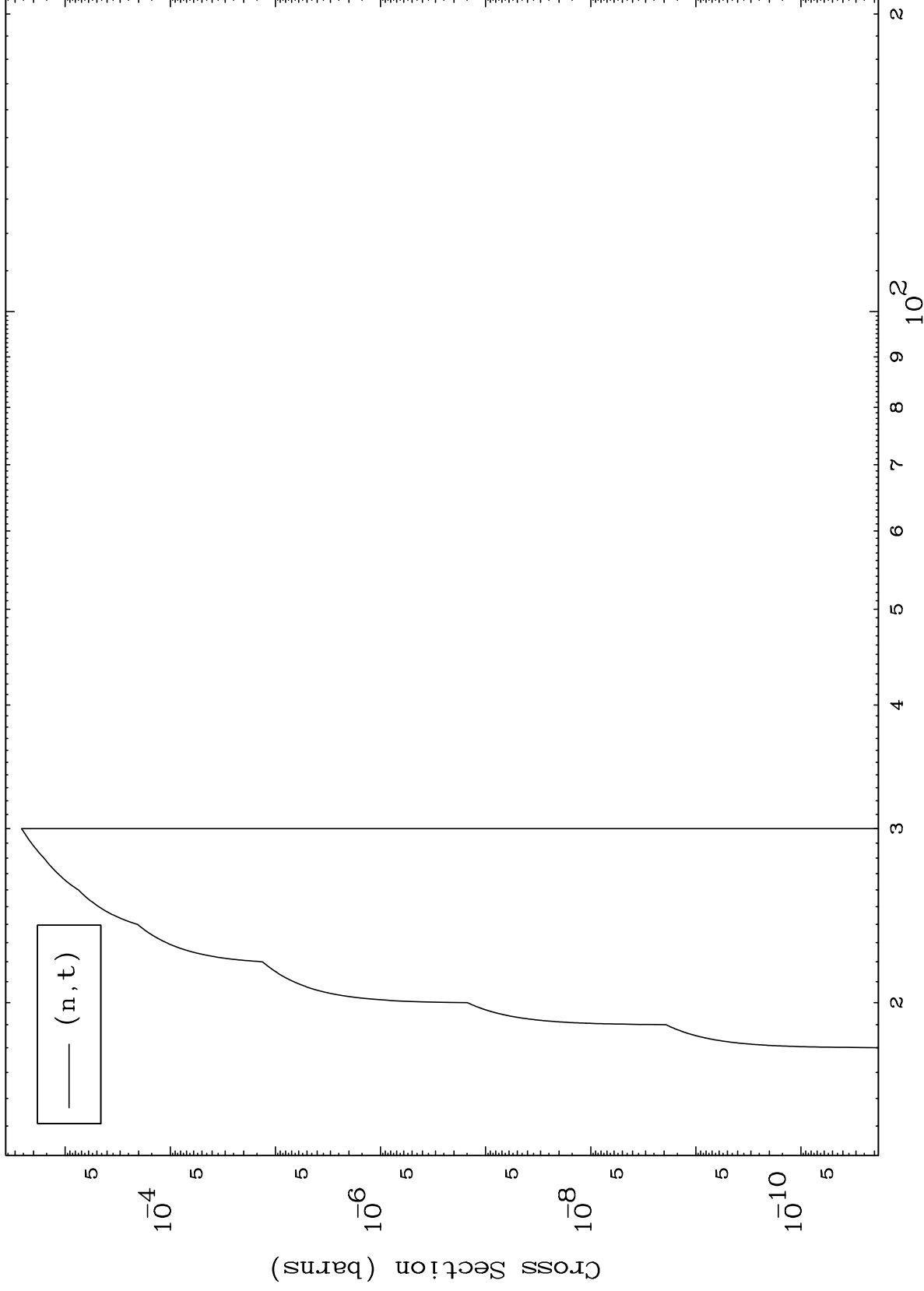
Incident Energy (MeV)

$^{52}\text{Te-123m}$

MAT 5235

(α, t) Levels
0 Kelvin Cross Sections

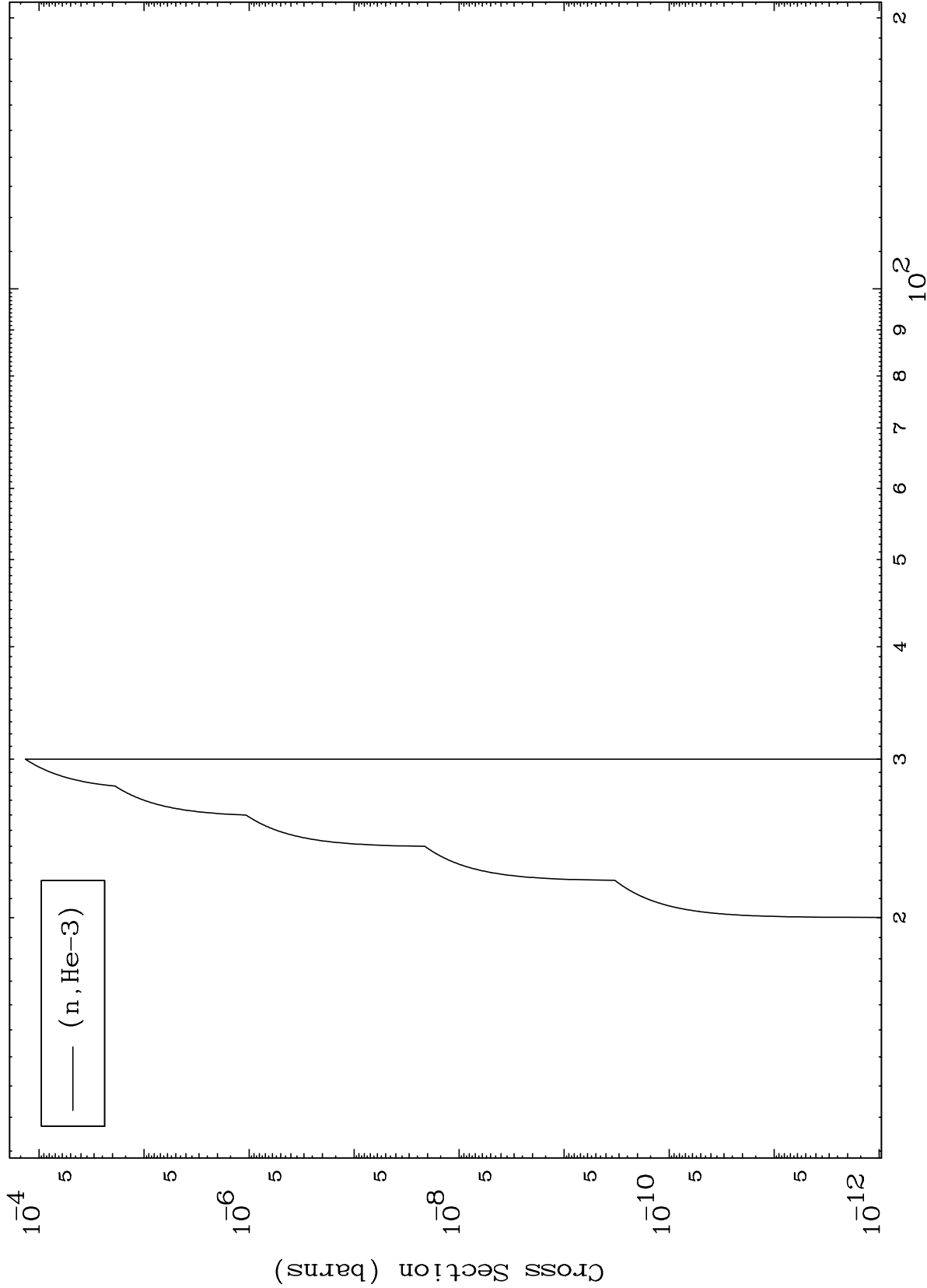
52-Te-123m



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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

52-Te-123m

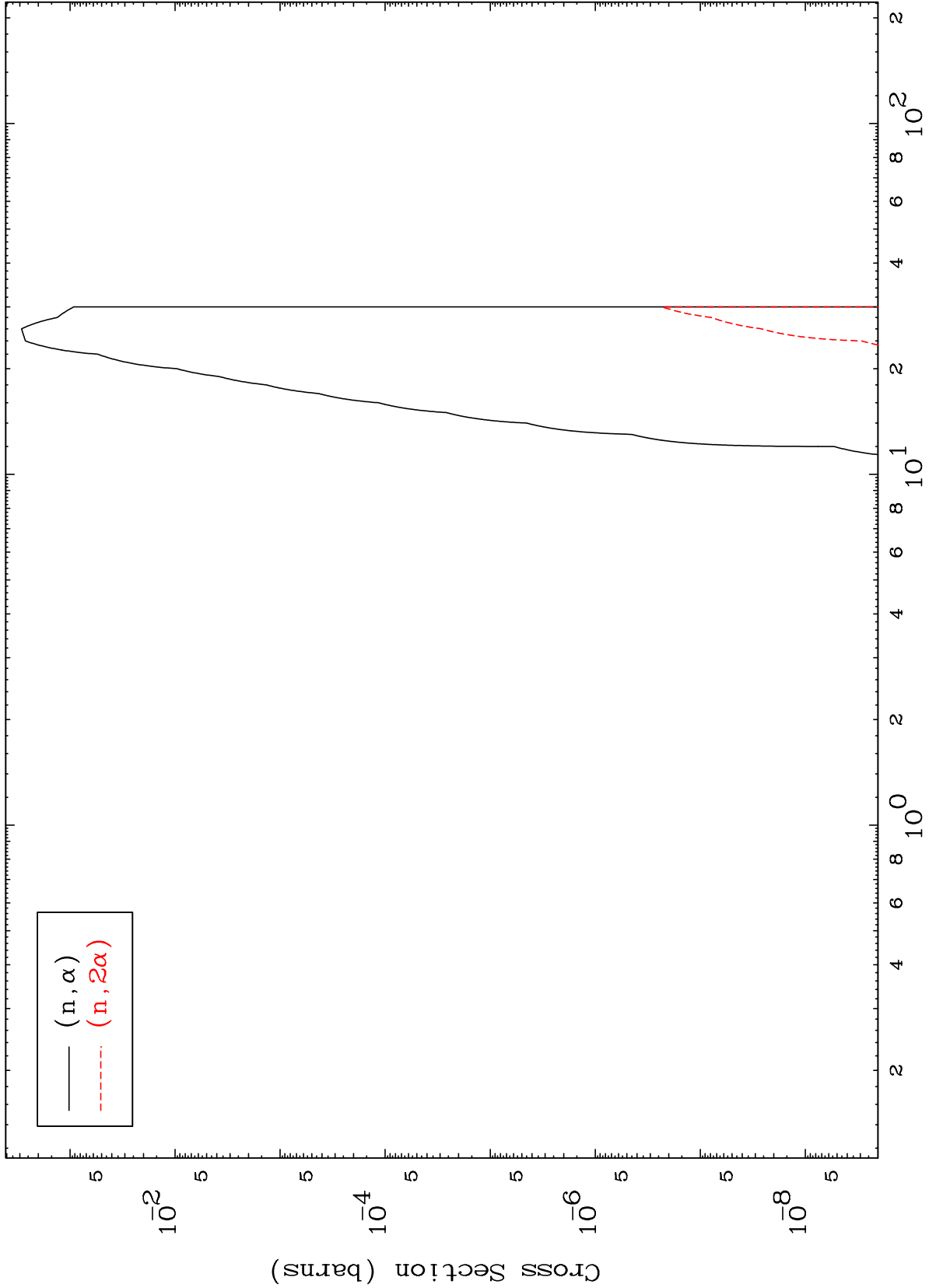


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(α, α) Levels

52-Te-123m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

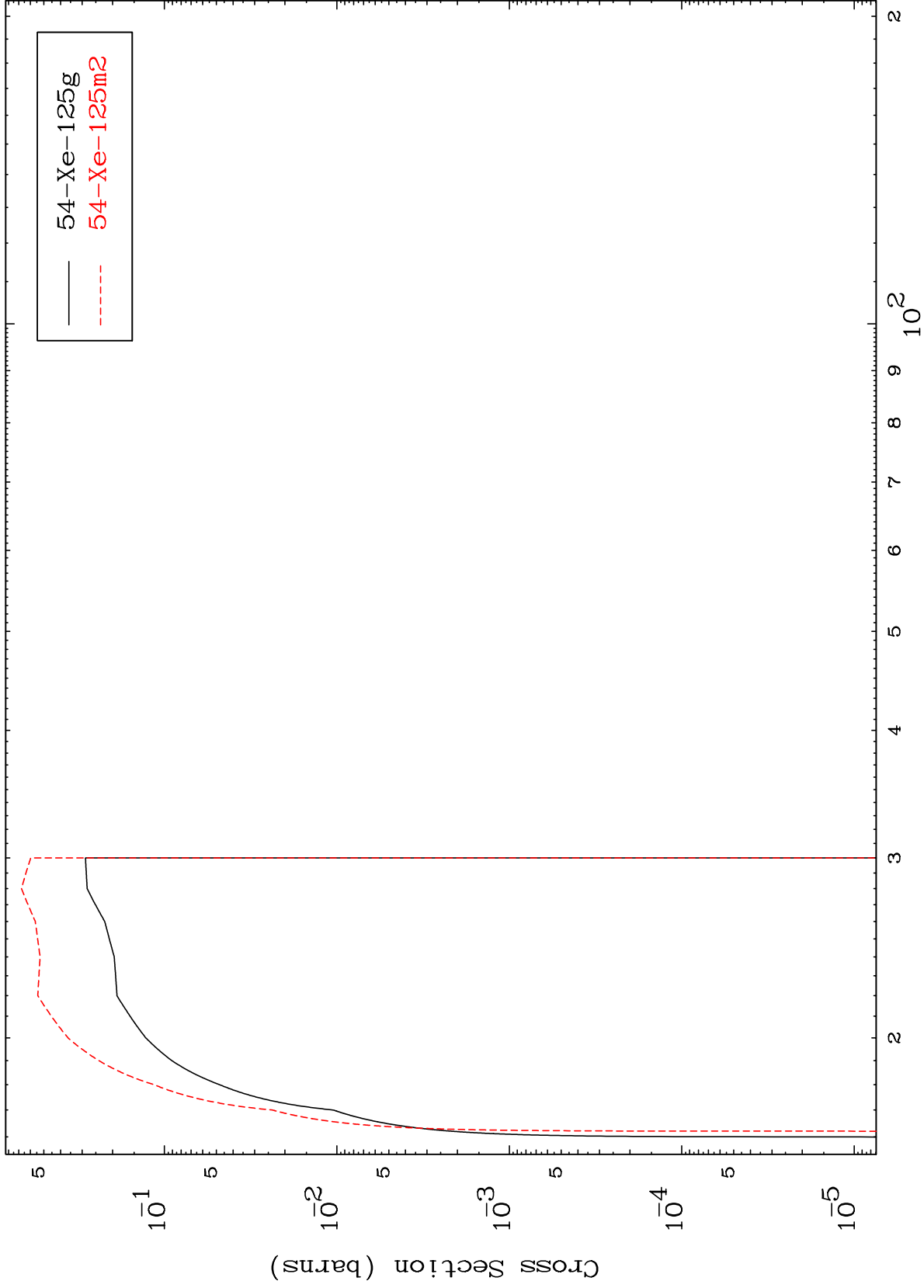
52-Te-123m

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(n,2n)

52-Te-123m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

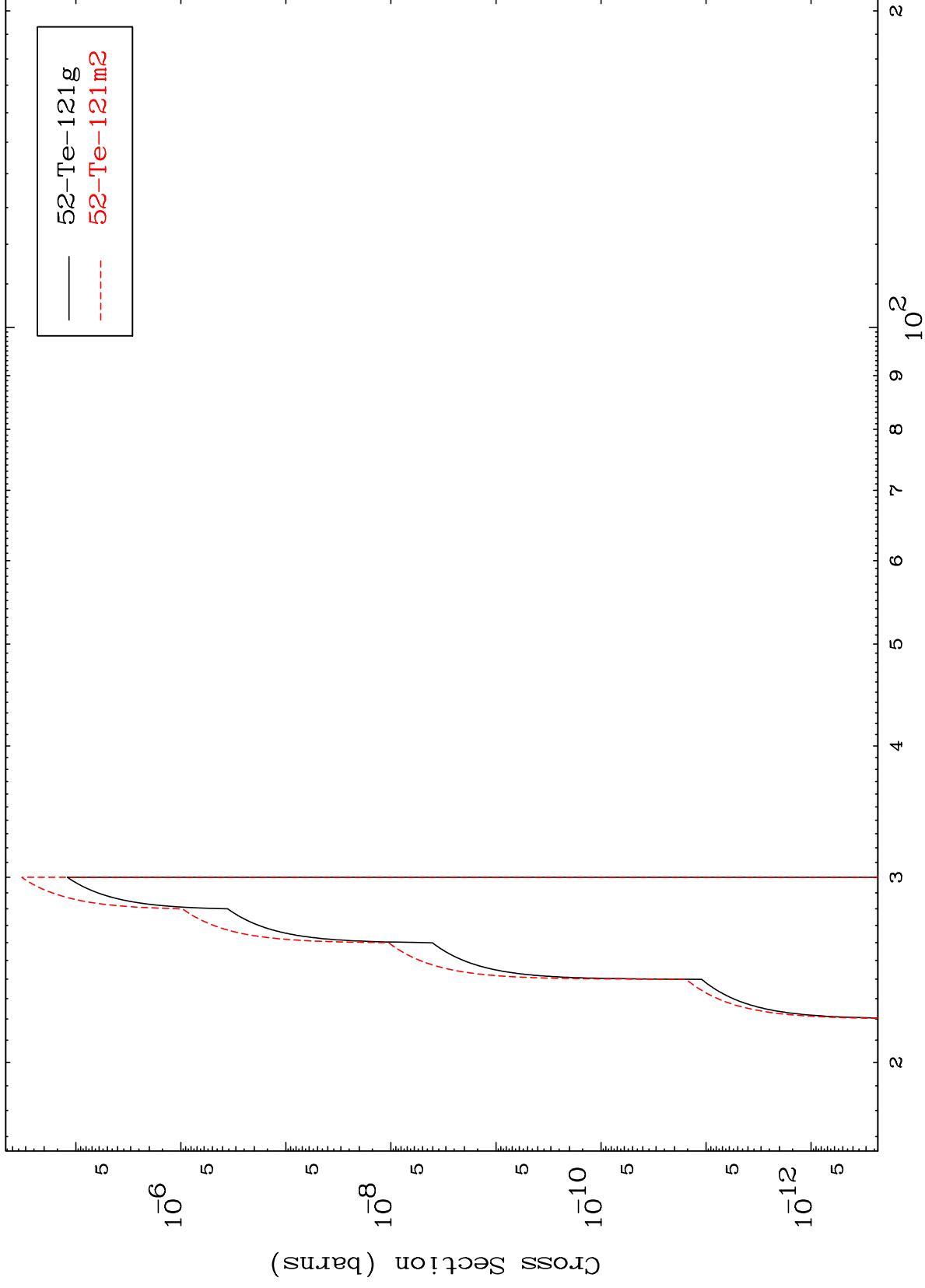
52-Te-123m

MAT 5235

(n,2n) α

52-Te-123m

Radionuclide Production Cross Section



12

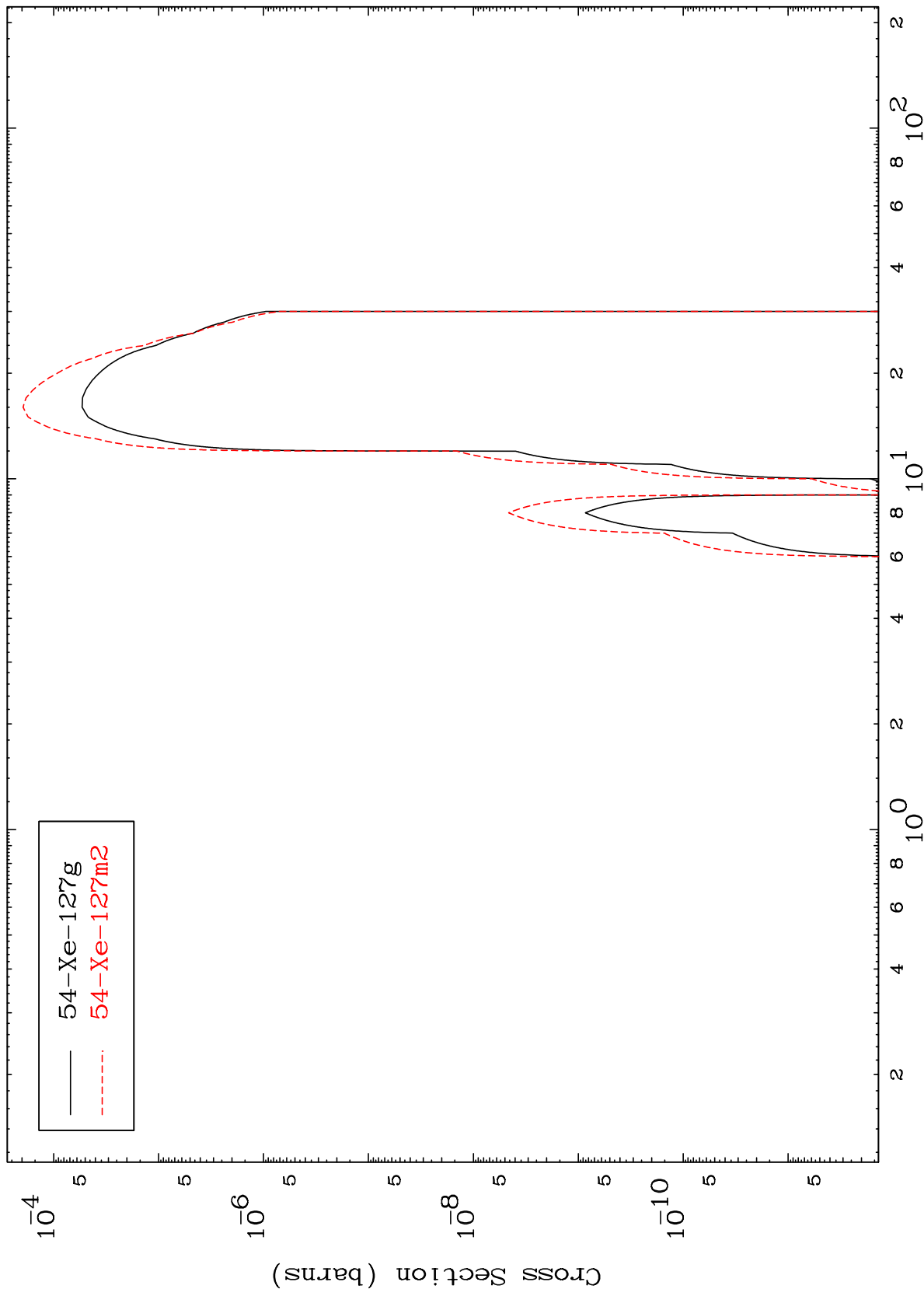
Incident Energy (MeV)

52-Te-123m

MAT 5235

52-Te-123m

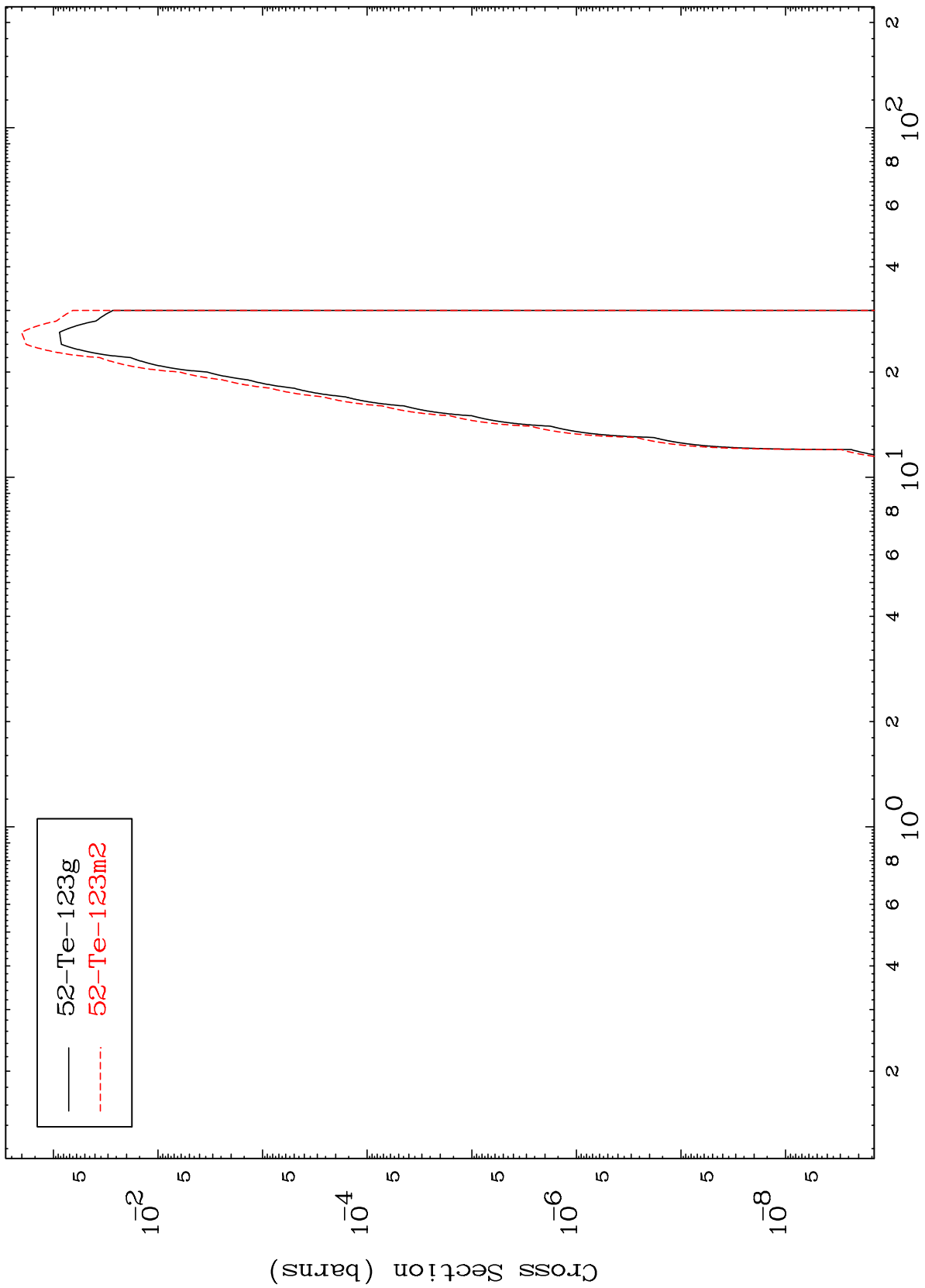
(n, γ)
Radionuclide Production Cross Section



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52-Te-123m

Radionuclide Production Cross Section

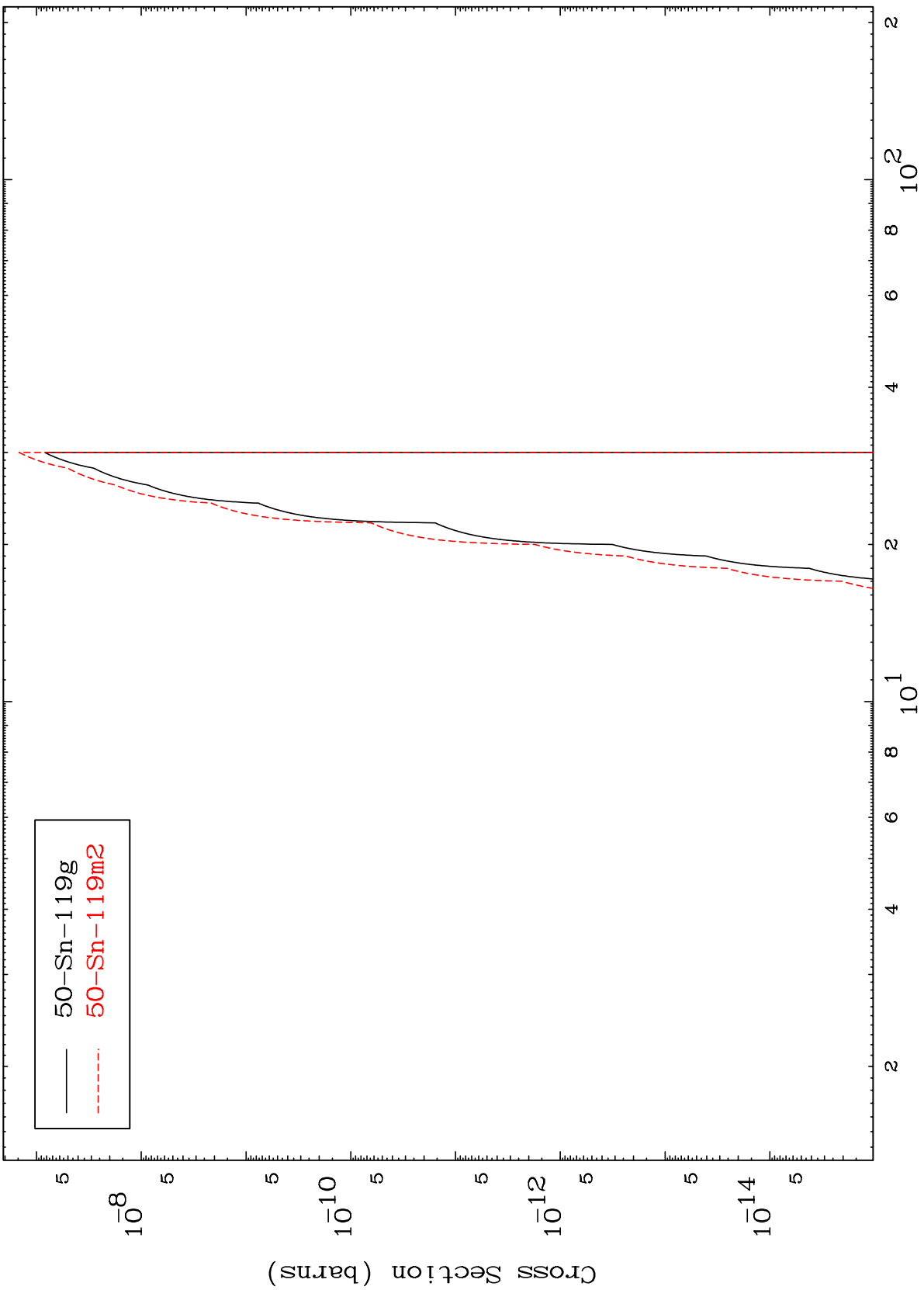


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(n,2α)

52-Te-123m

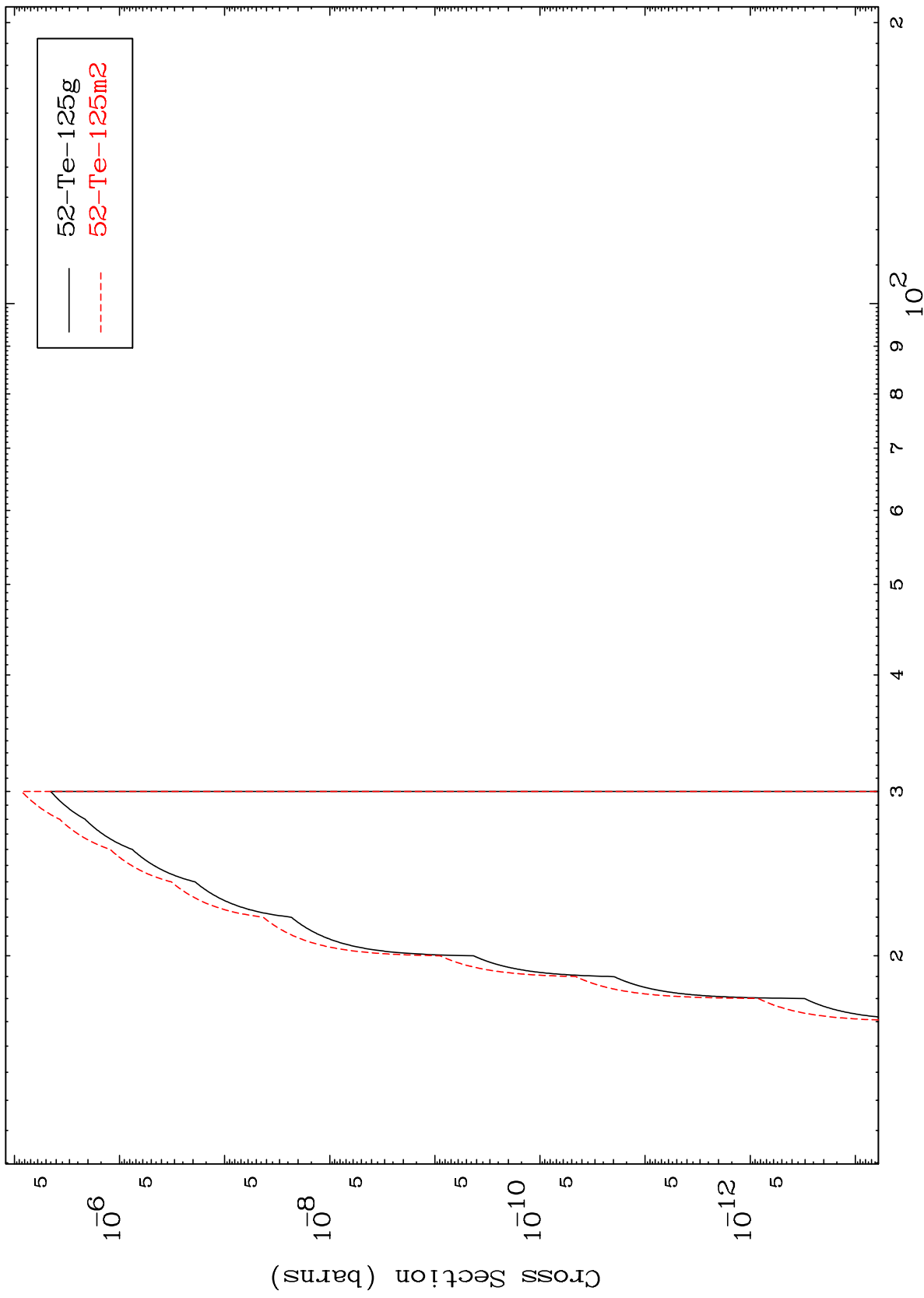
Radionuclide Production Cross Section



MAT 5235

52-Te-123m

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

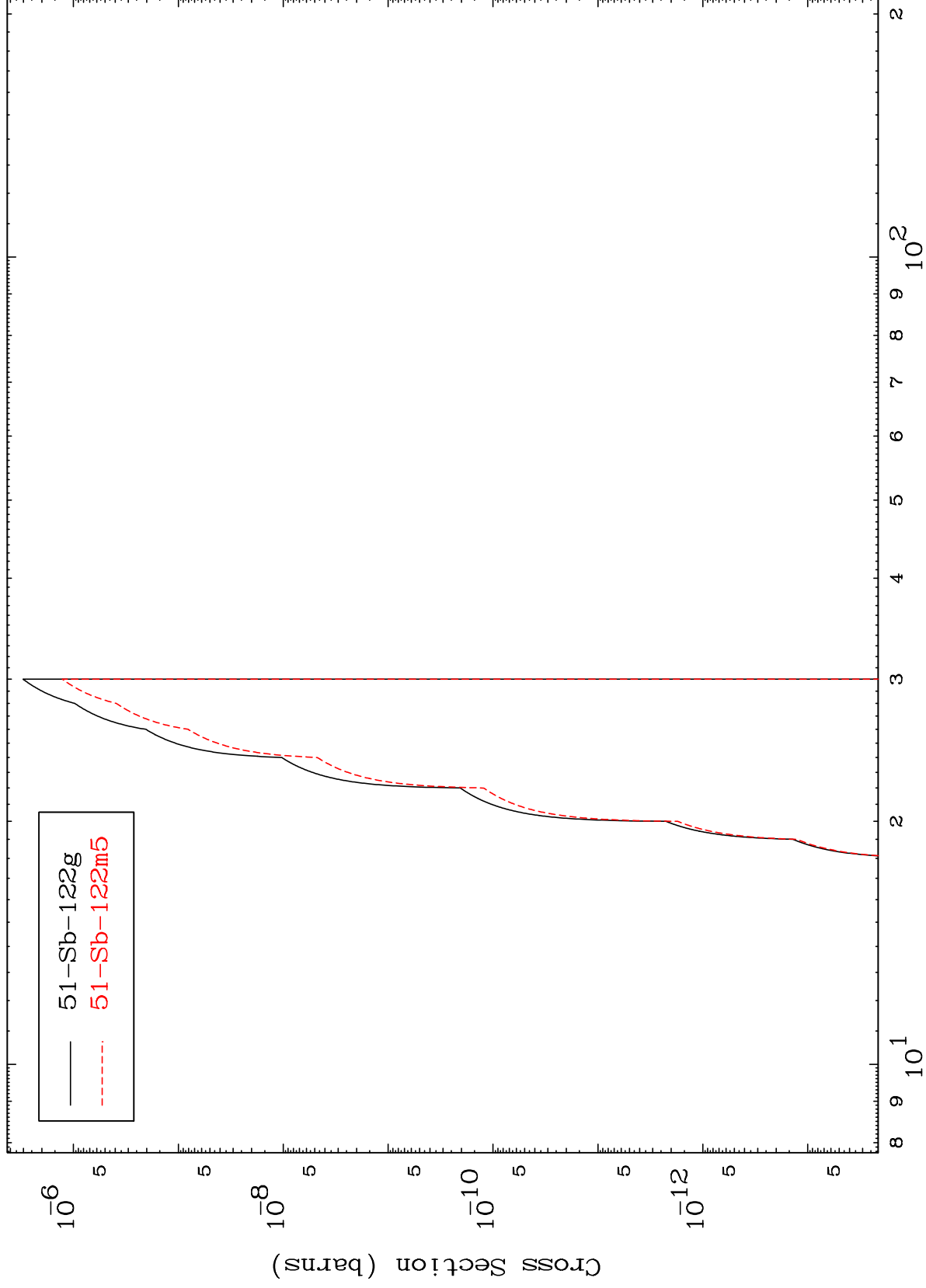
52-Te-123m

MAT 5235

(n,p) α

52-Te-123m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

52-Te-123m