

Program EVALPLOT
(Version 2021-1)

by

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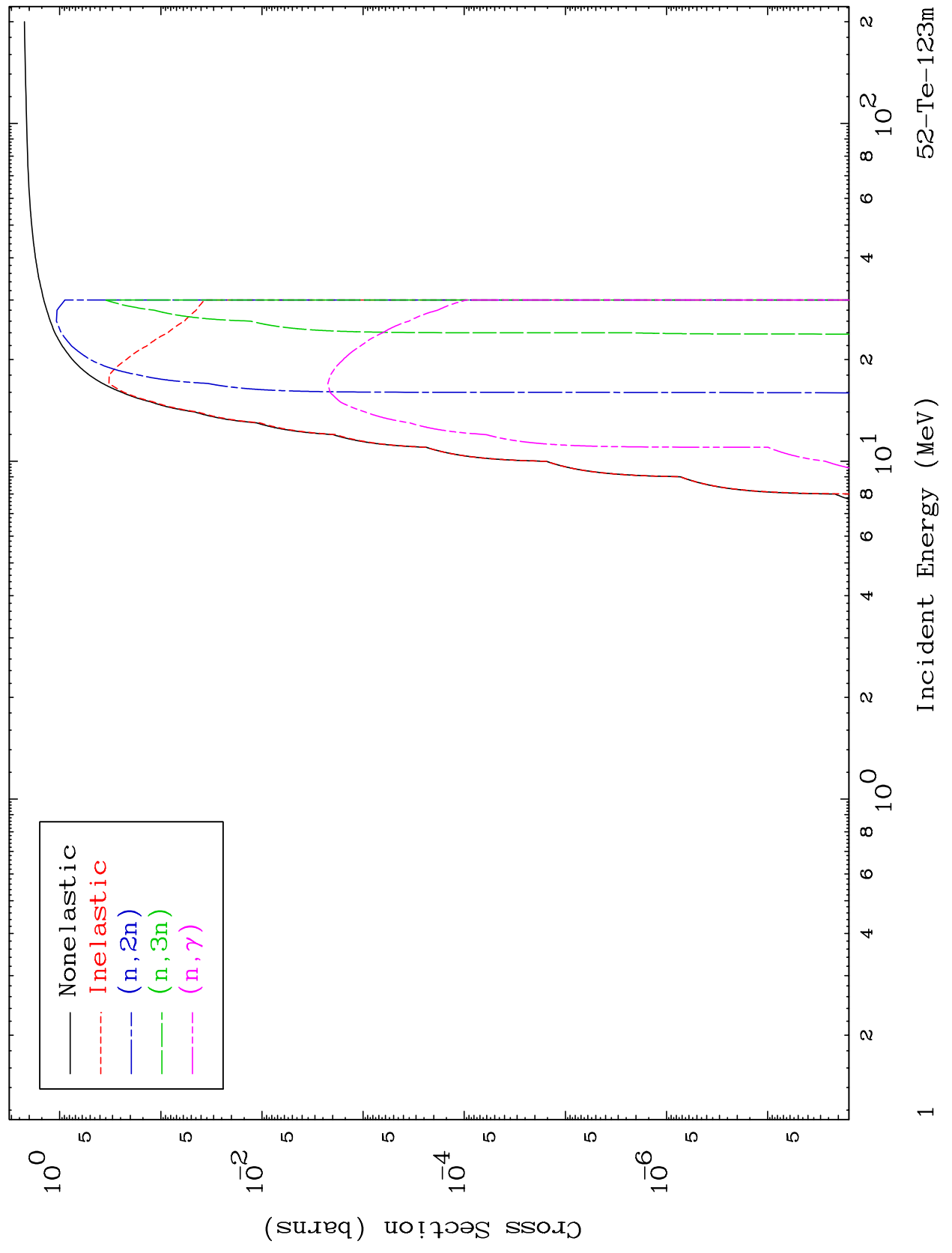
Press Mouse Button to Start

MAT 5235

0 Kelvin

α Major Cross Sections

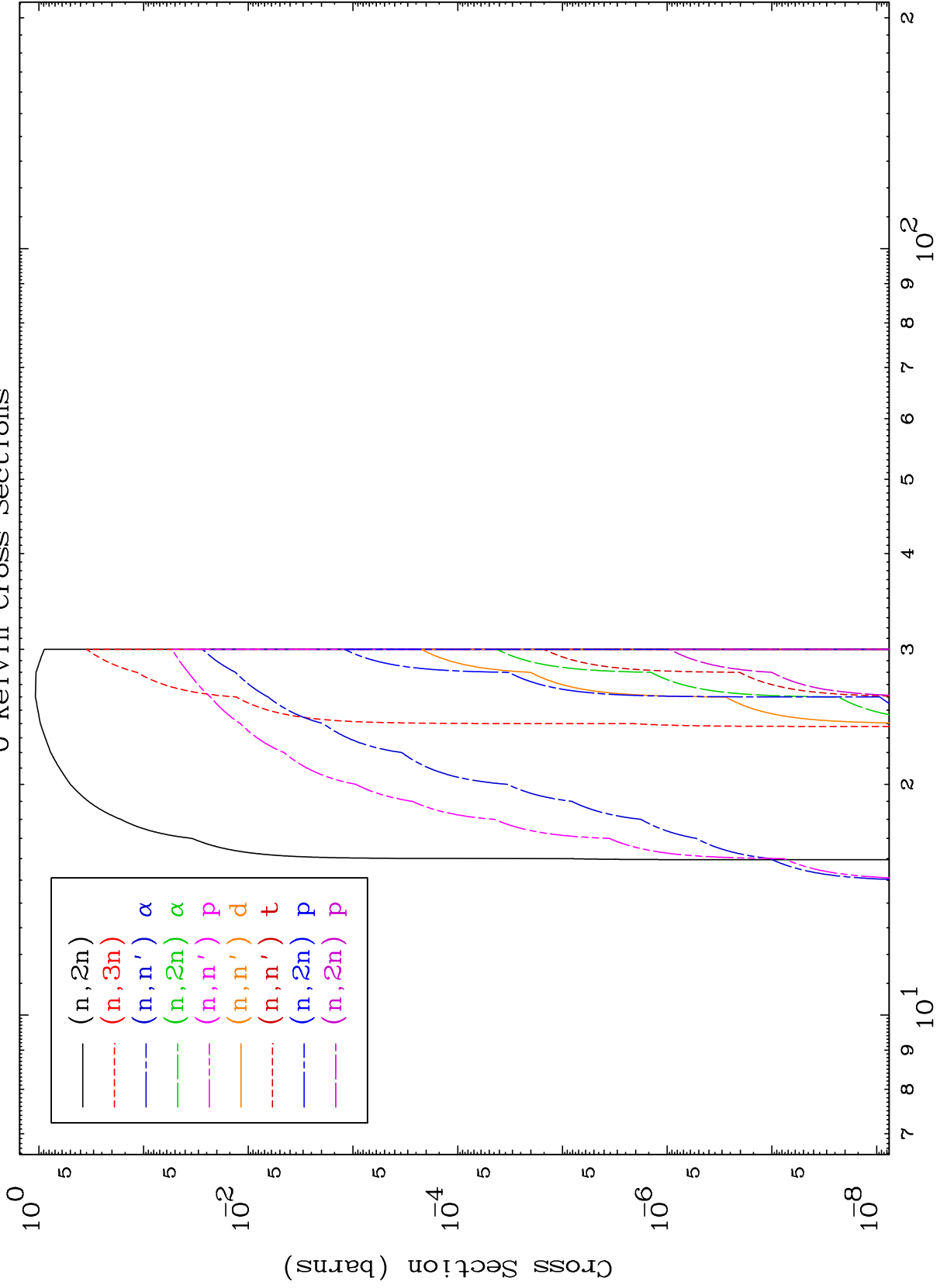
⁵²Te-123m



MAT 5235

α Neutron Absorption
0 Kelvin Cross Sections

52-Te-123m



2

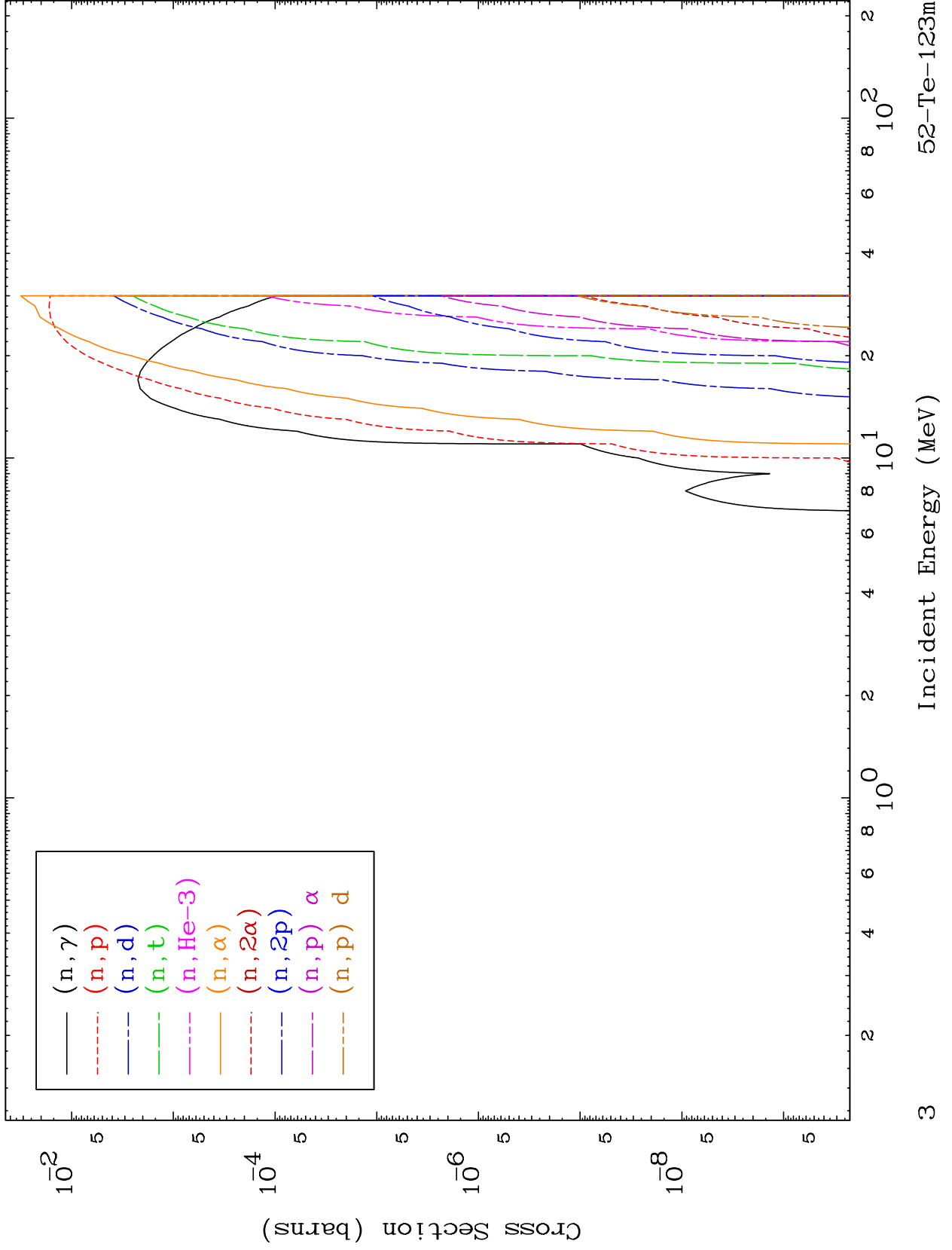
Incident Energy (MeV)

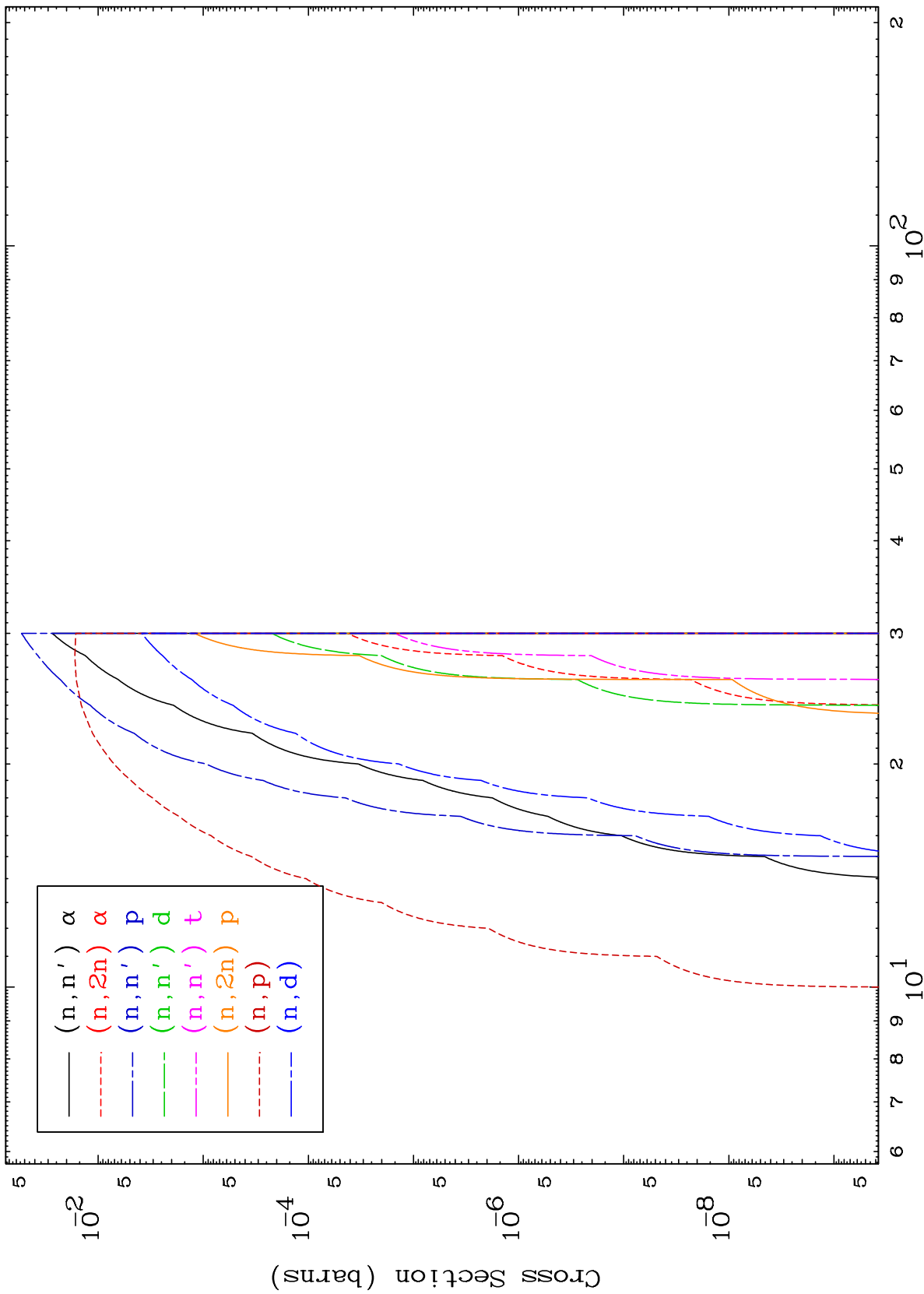
52-Te-123m

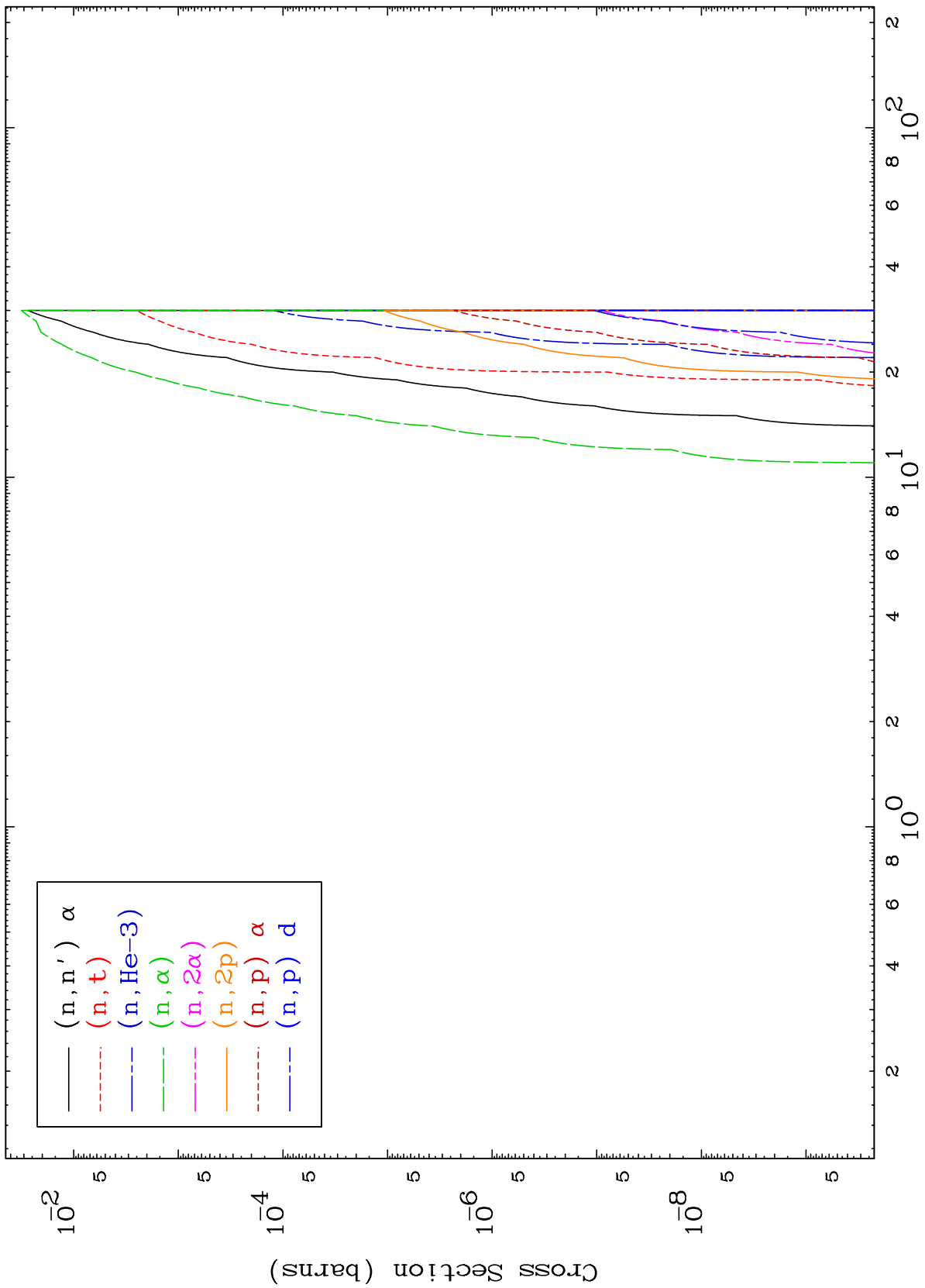
MAT 5235

α Neutron Absorption
0 Kelvin Cross Sections

52-Te-123m



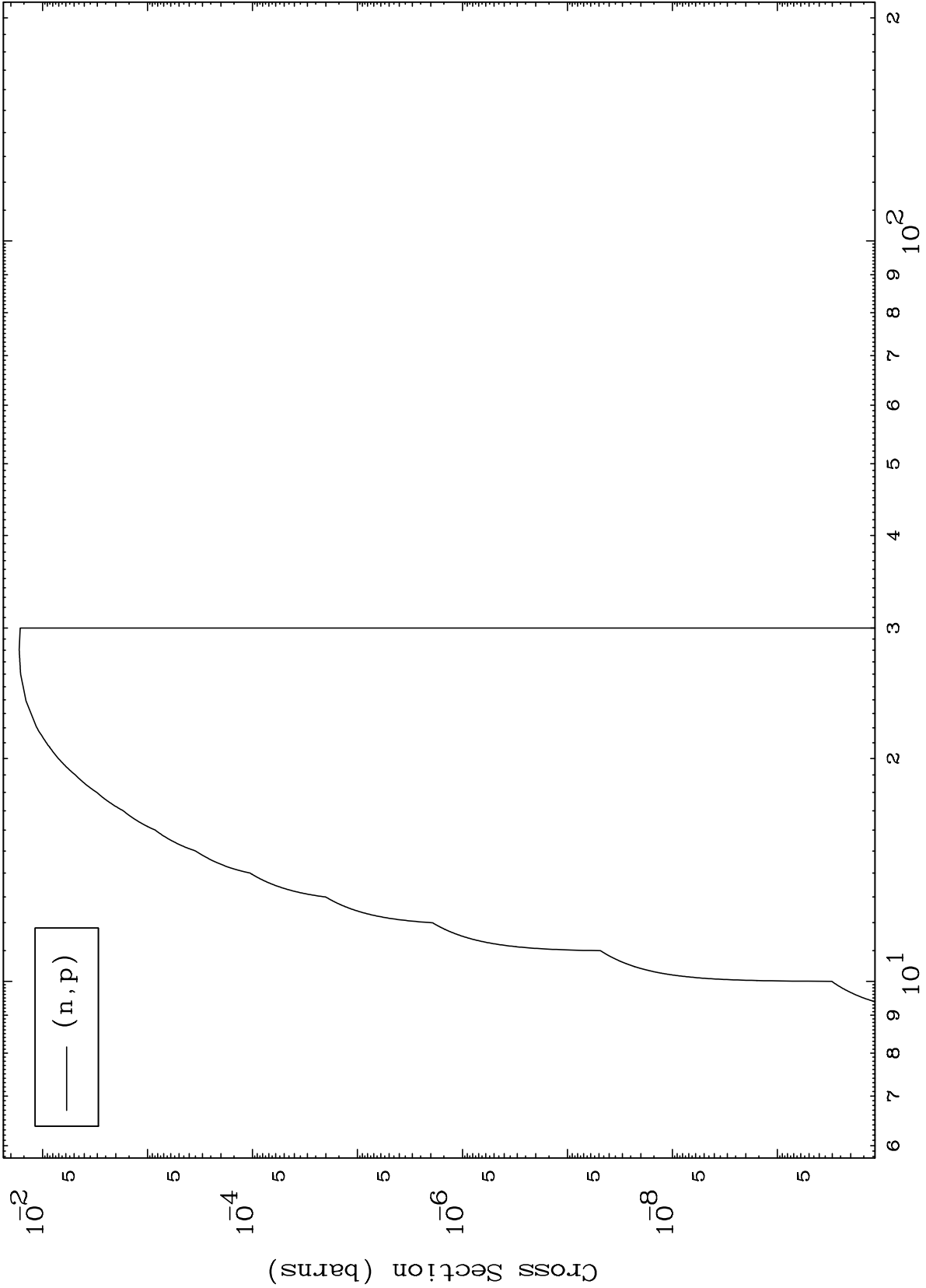




MAT 5235

(α, p) Levels
0 Kelvin Cross Sections

52-Te-123m



6

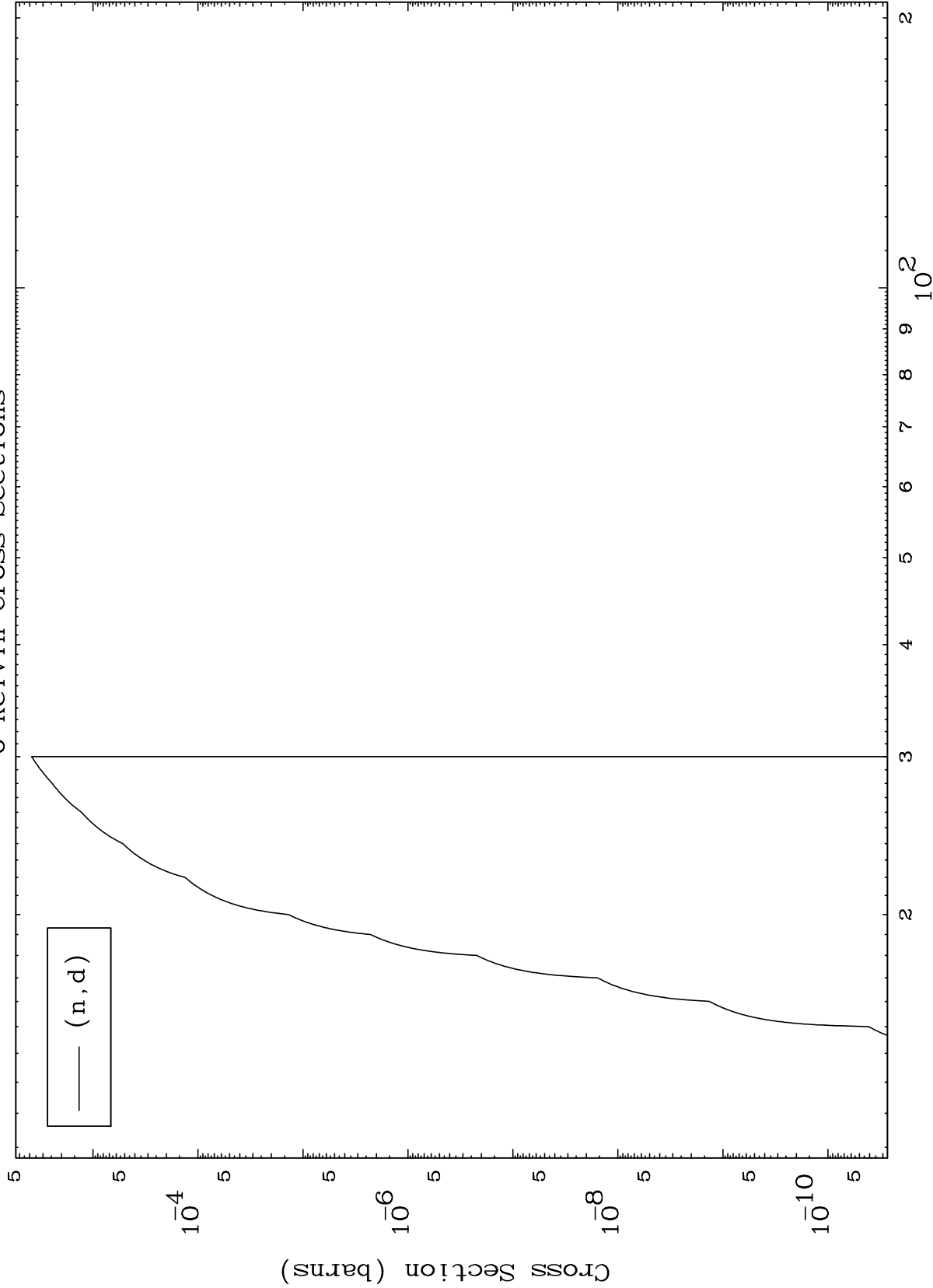
Incident Energy (MeV)

52-Te-123m

MAT 5235

(α, d) Levels
0 Kelvin Cross Sections

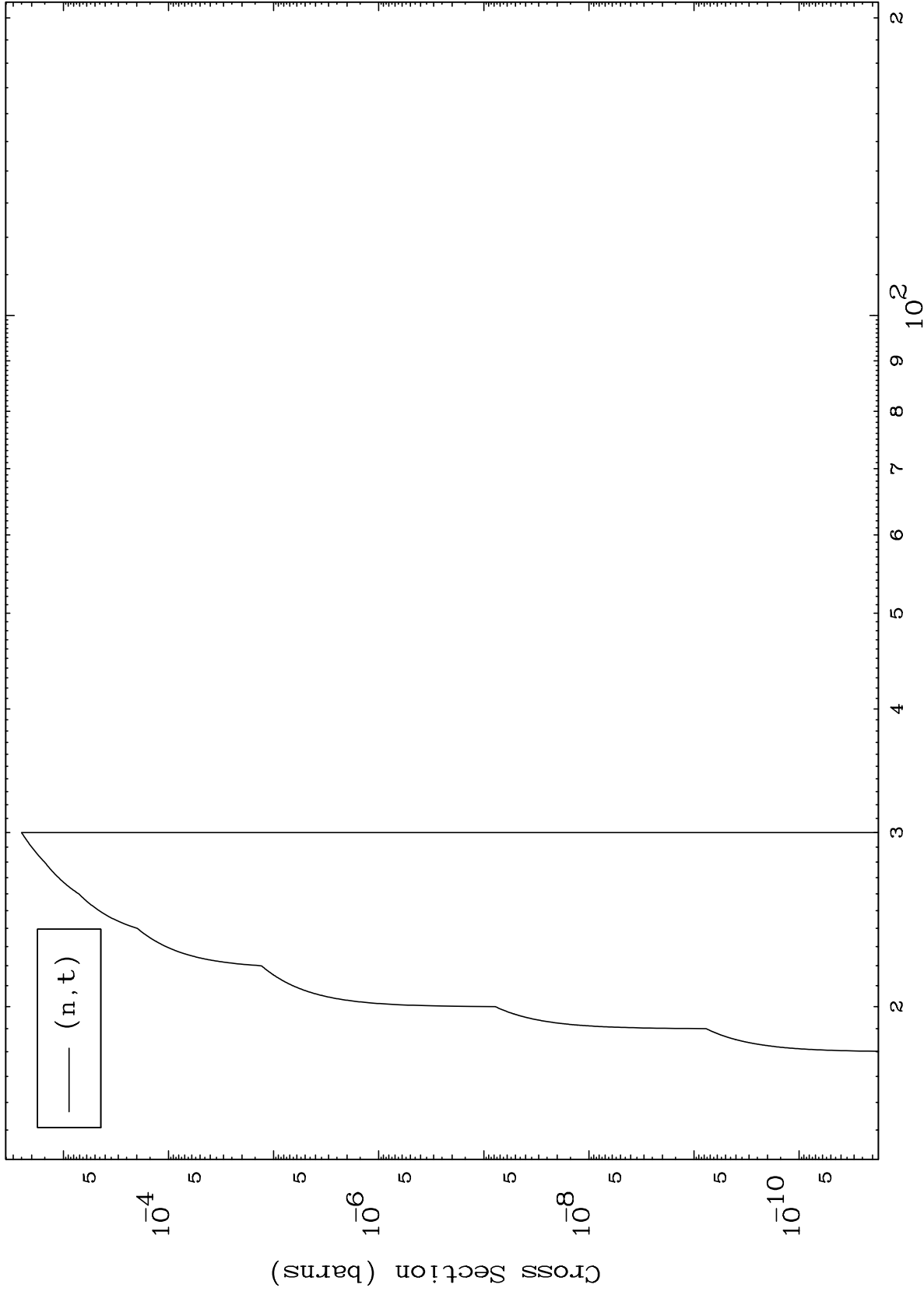
$^{52}\text{Te-123m}$



MAT 5235

(α, t) Levels
0 Kelvin Cross Sections

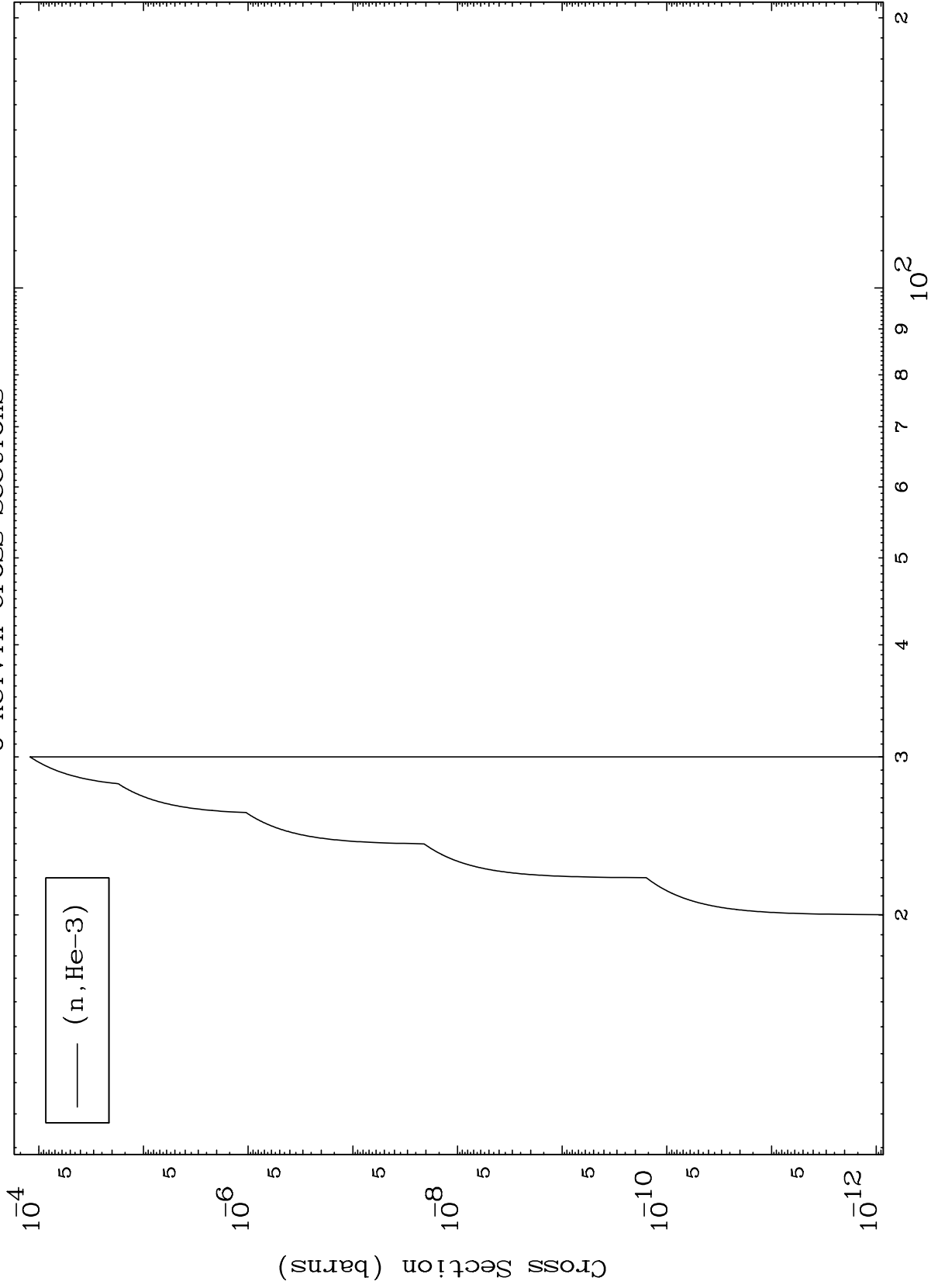
52-Te-123m



MAT 5235

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

52-Te-123m

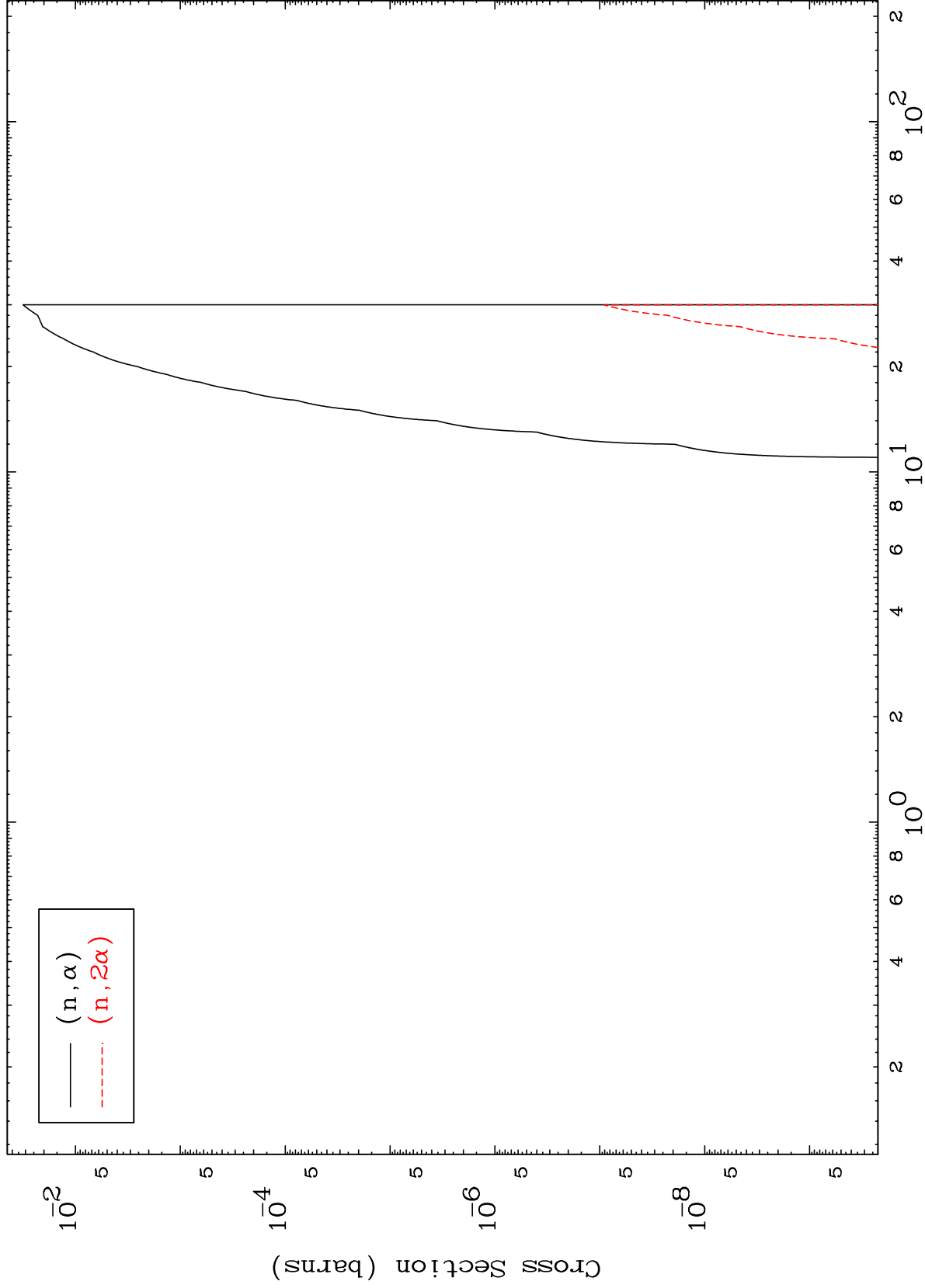


MAT 5235

(α, α) Levels

52-Te-123m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

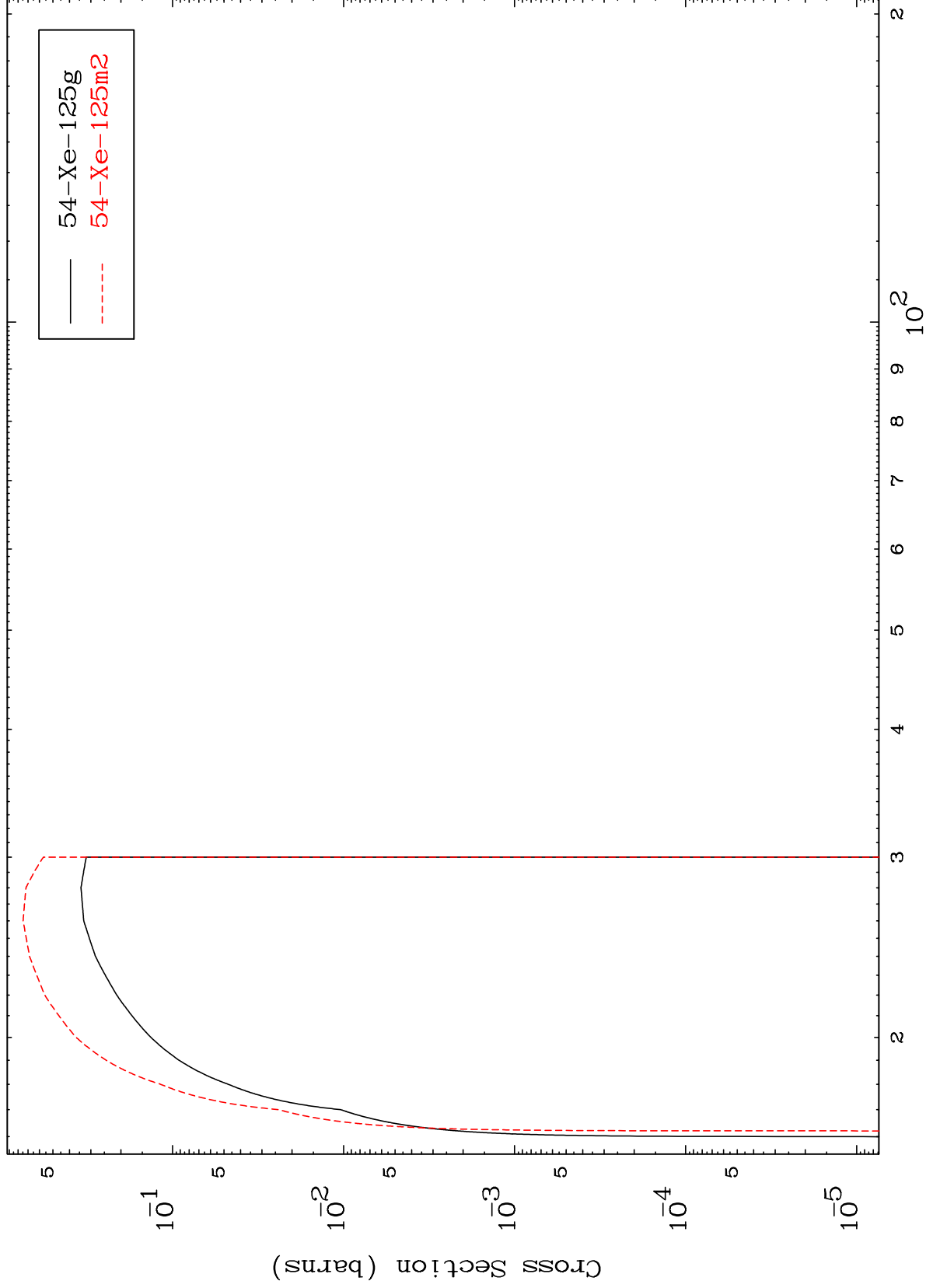
52-Te-123m

MAT 5235

(n,2n)

52-Te-123m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

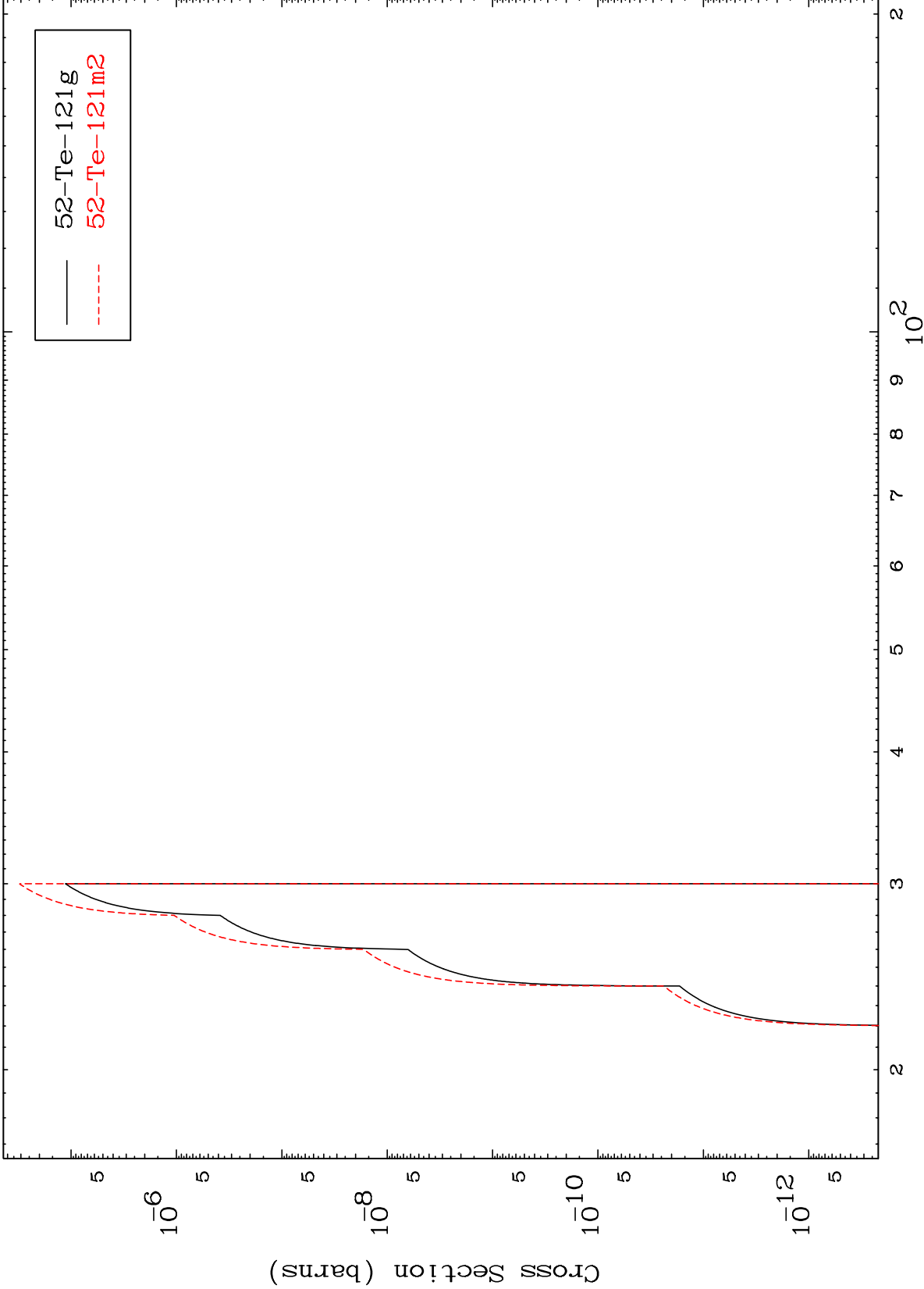
52-Te-123m

MAT 5235

(n,2n) α

52-Te-123m

Radionuclide Production Cross Section



12

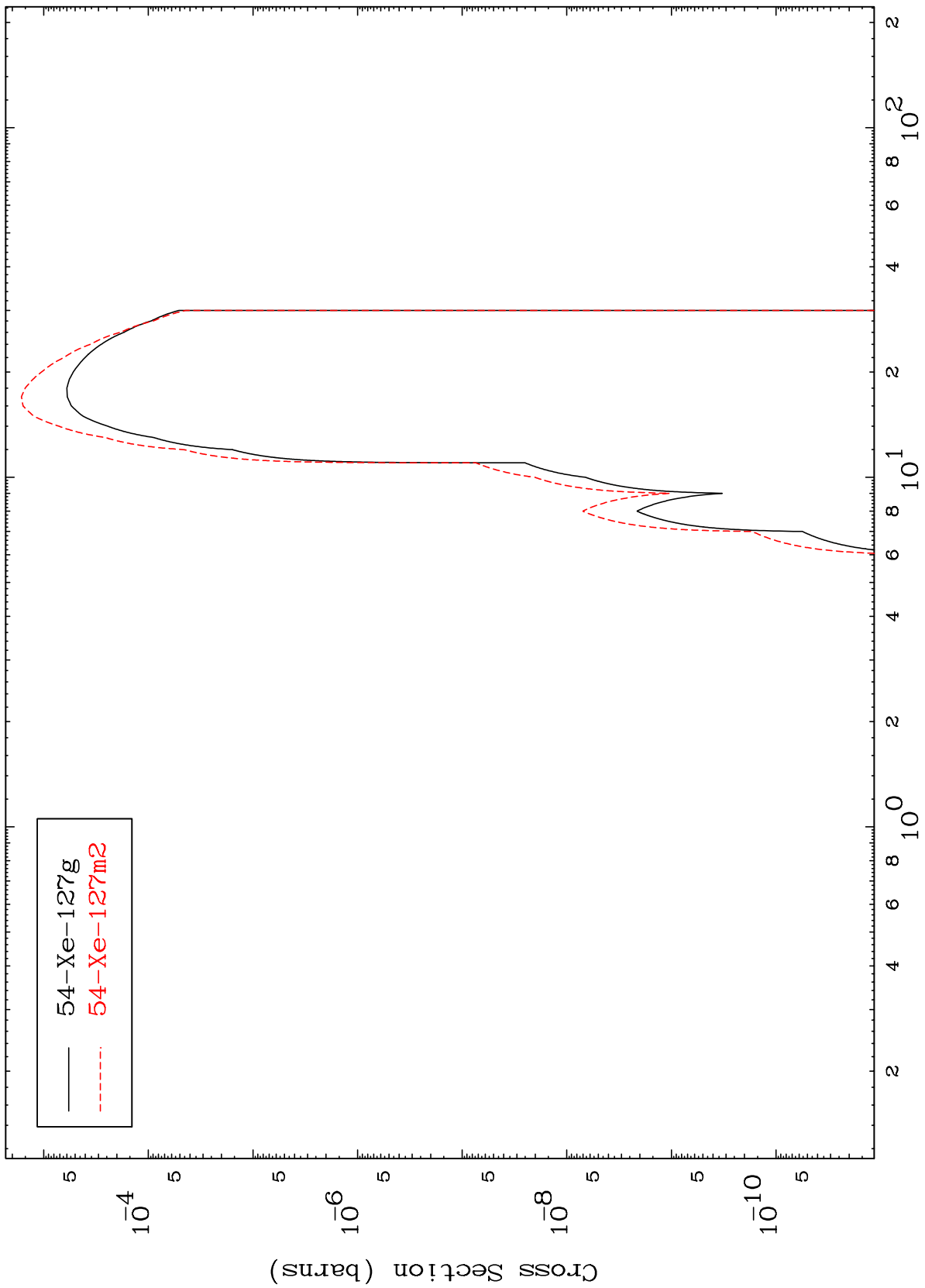
Incident Energy (MeV)

52-Te-123m

MAT 5235

52-Te-123m

(n, γ)
Radionuclide Production Cross Section



— 54-Xe-127g
- - - 54-Xe-127m2

52-Te-123m

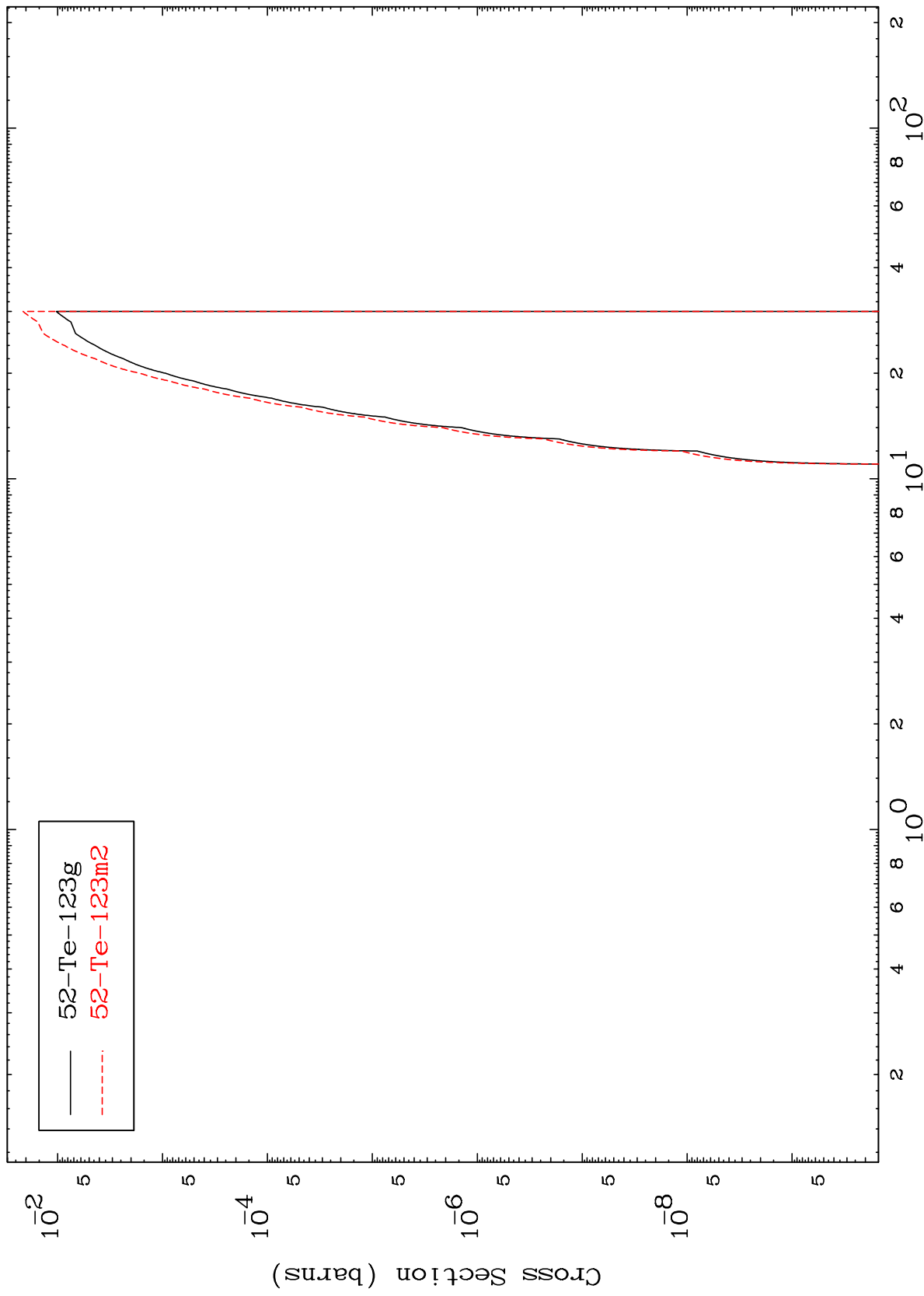
Incident Energy (MeV)

13

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52-Te-123m

Radionuclide Production Cross Section
(n, α)

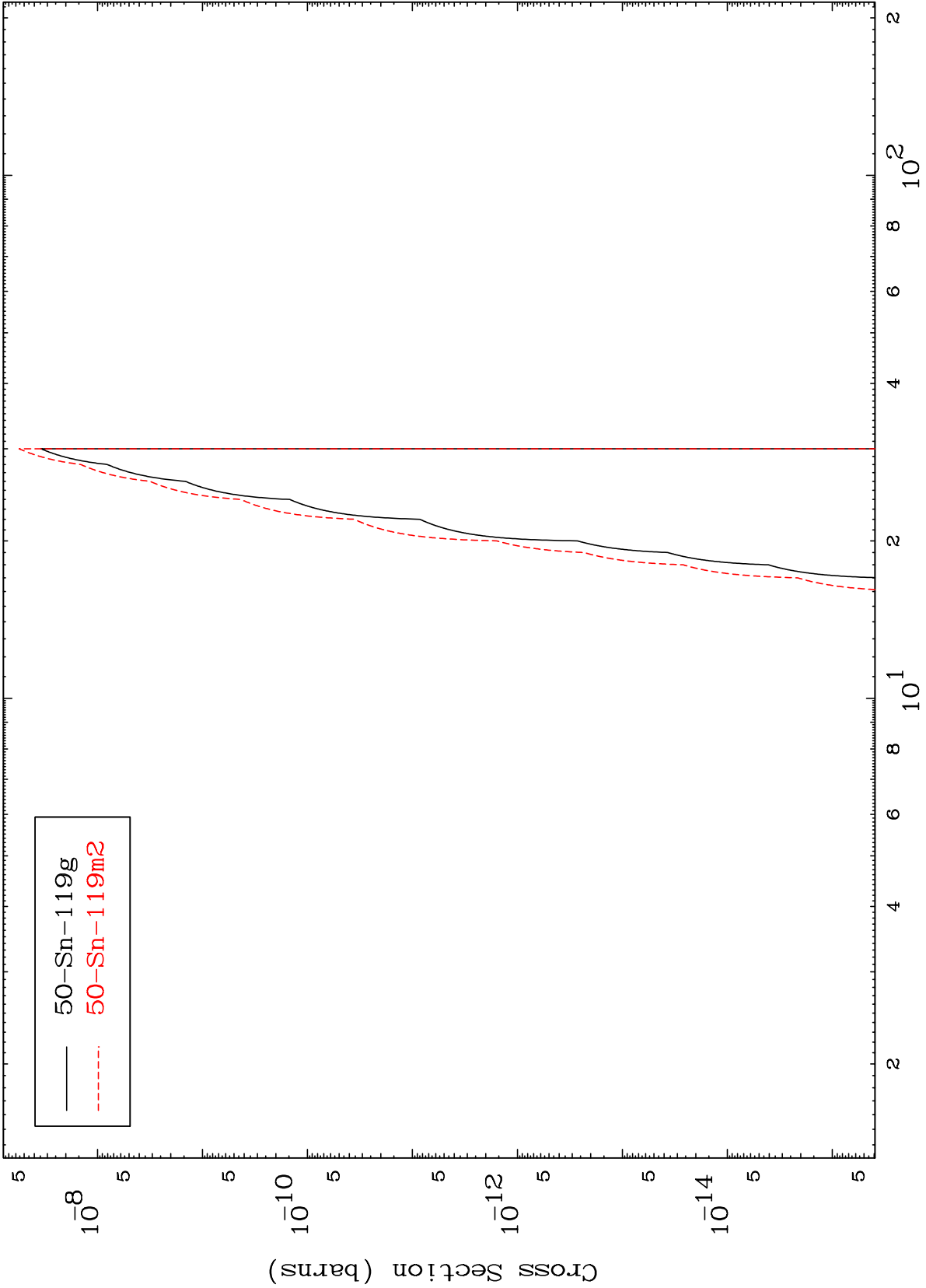


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(n,2α)

52-Te-123m

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

15

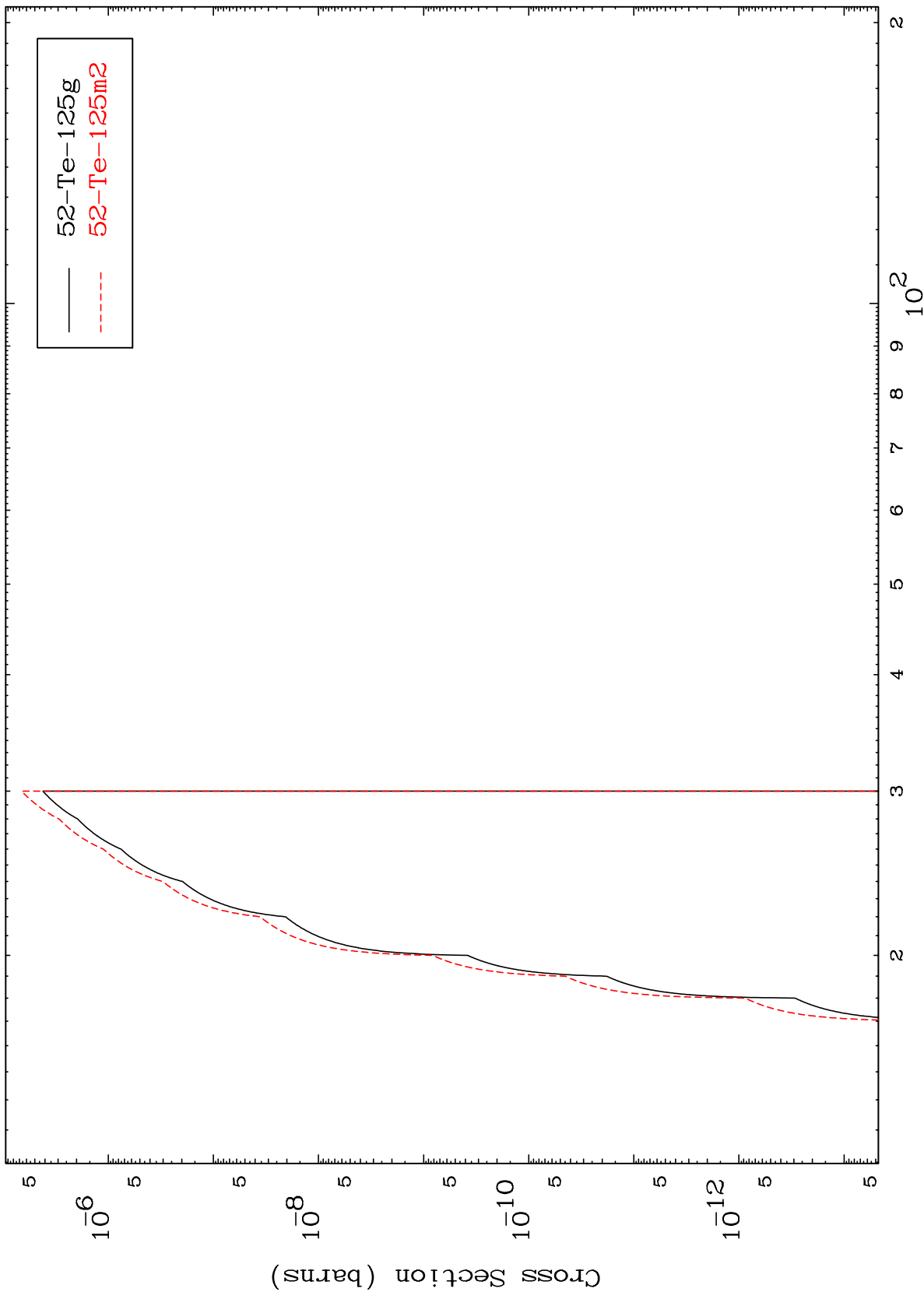
Incident Energy (MeV)

52-Te-123m

MAT 5235

52-Te-123m

(n,2p)
Radionuclide Production Cross Section



16

52-Te-123m

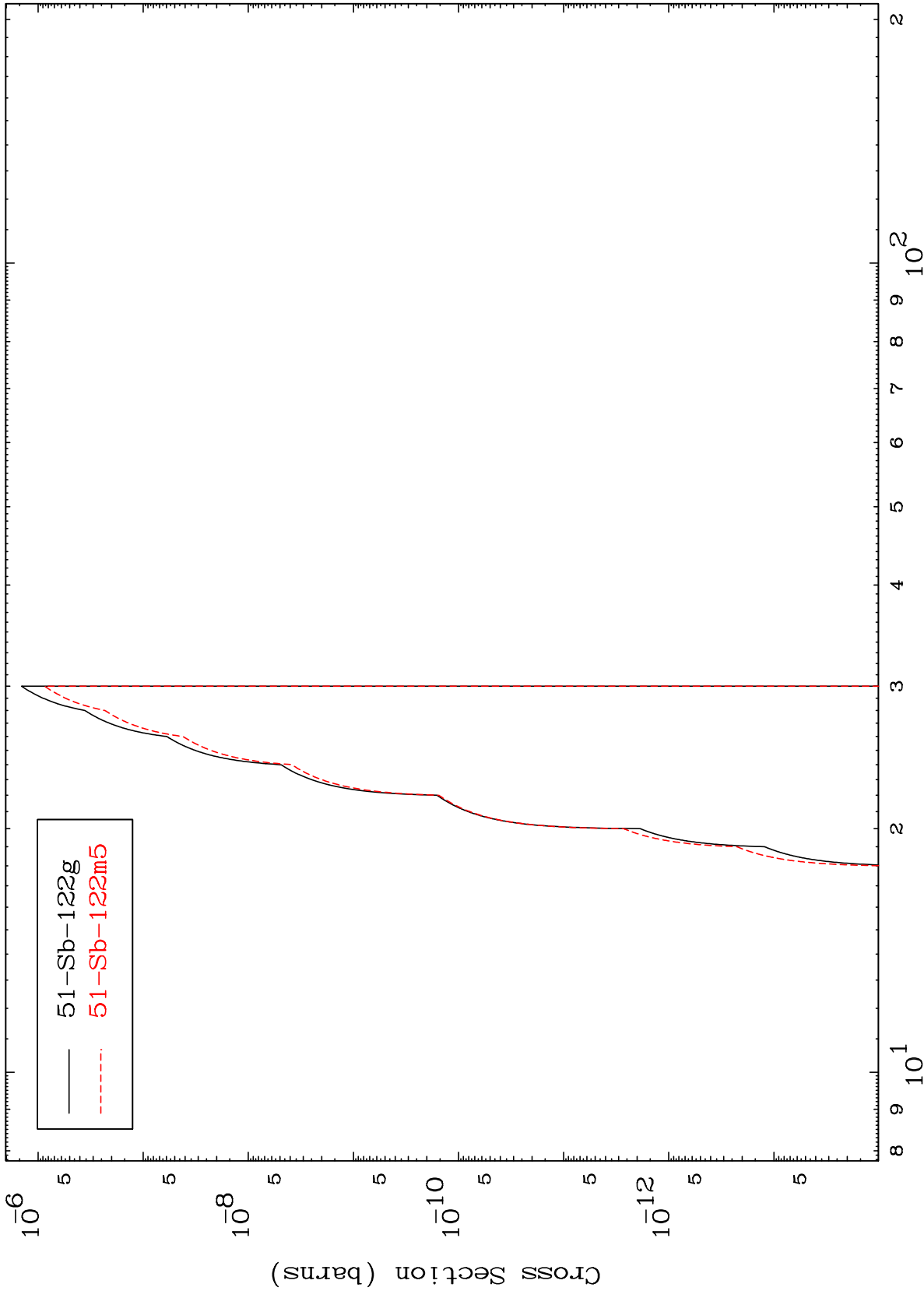
Incident Energy (MeV)

MAT 5235

(n,p) α

52-Te-123m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

52-Te-123m