

Program EVALPLOT
(Version 2021-1)

by

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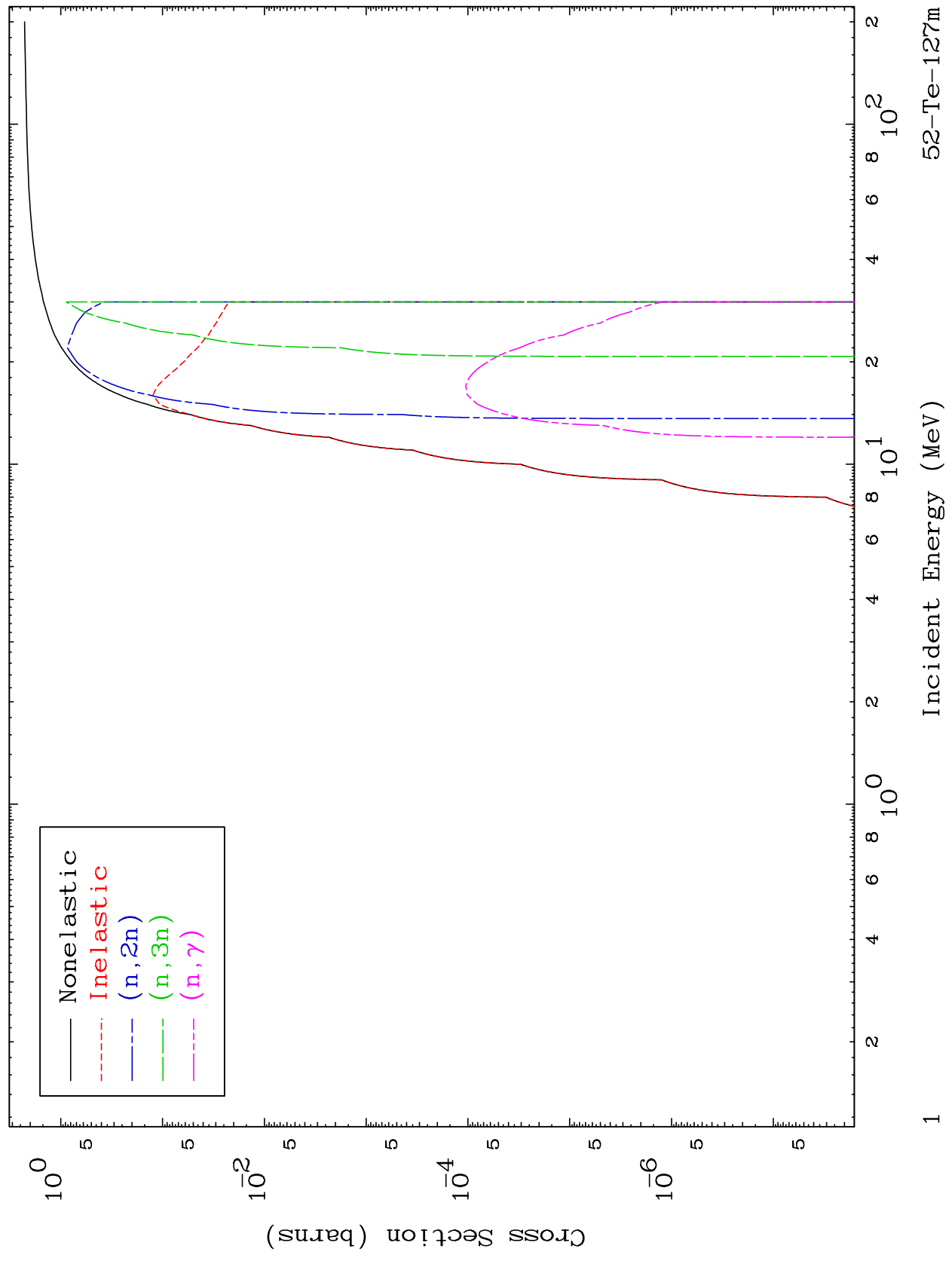
Press Mouse Button to Start

MAT 5247

0 Kelvin

α Major Cross Sections

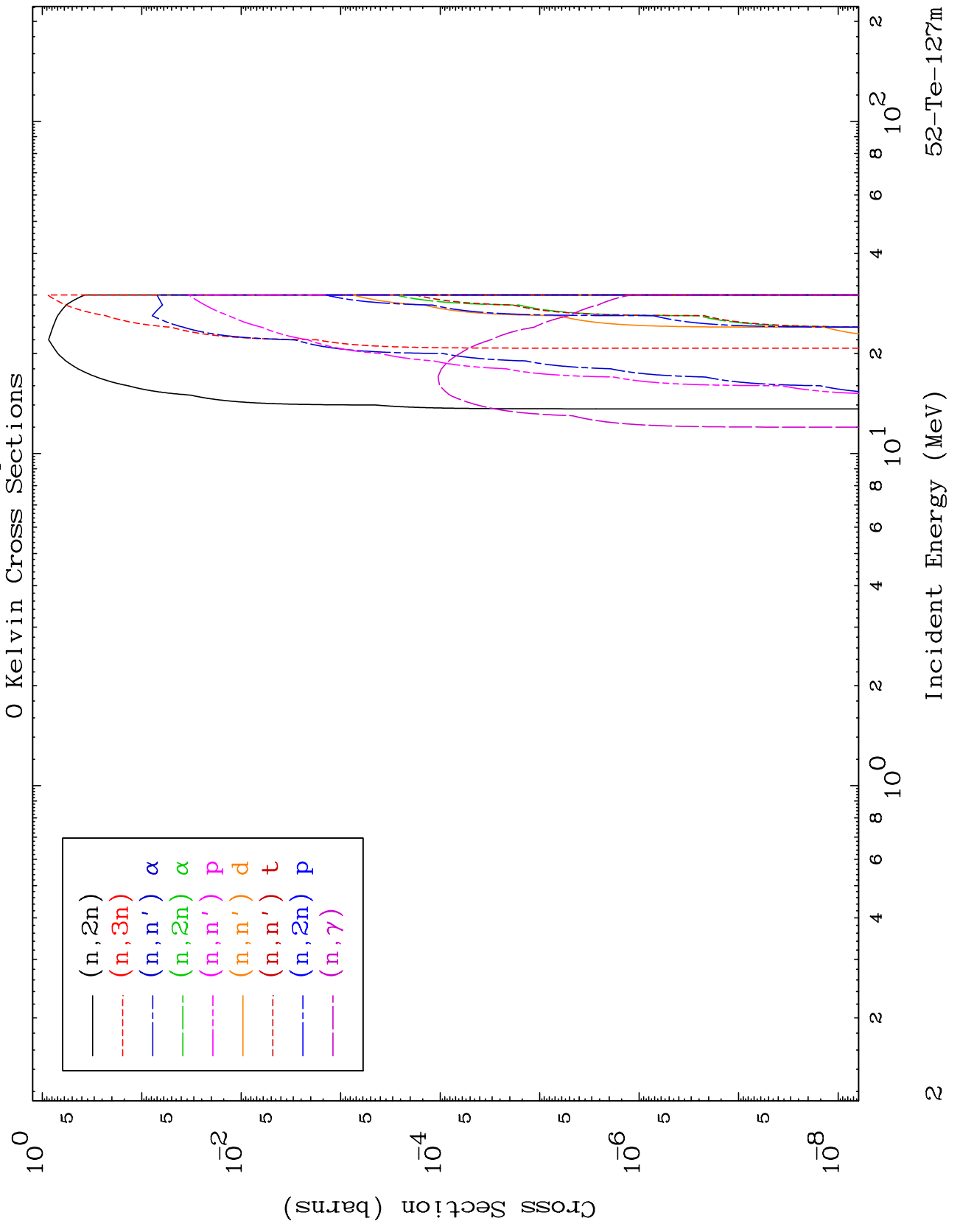
52-Te-127m



MAT 5247

α Neutron Absorption

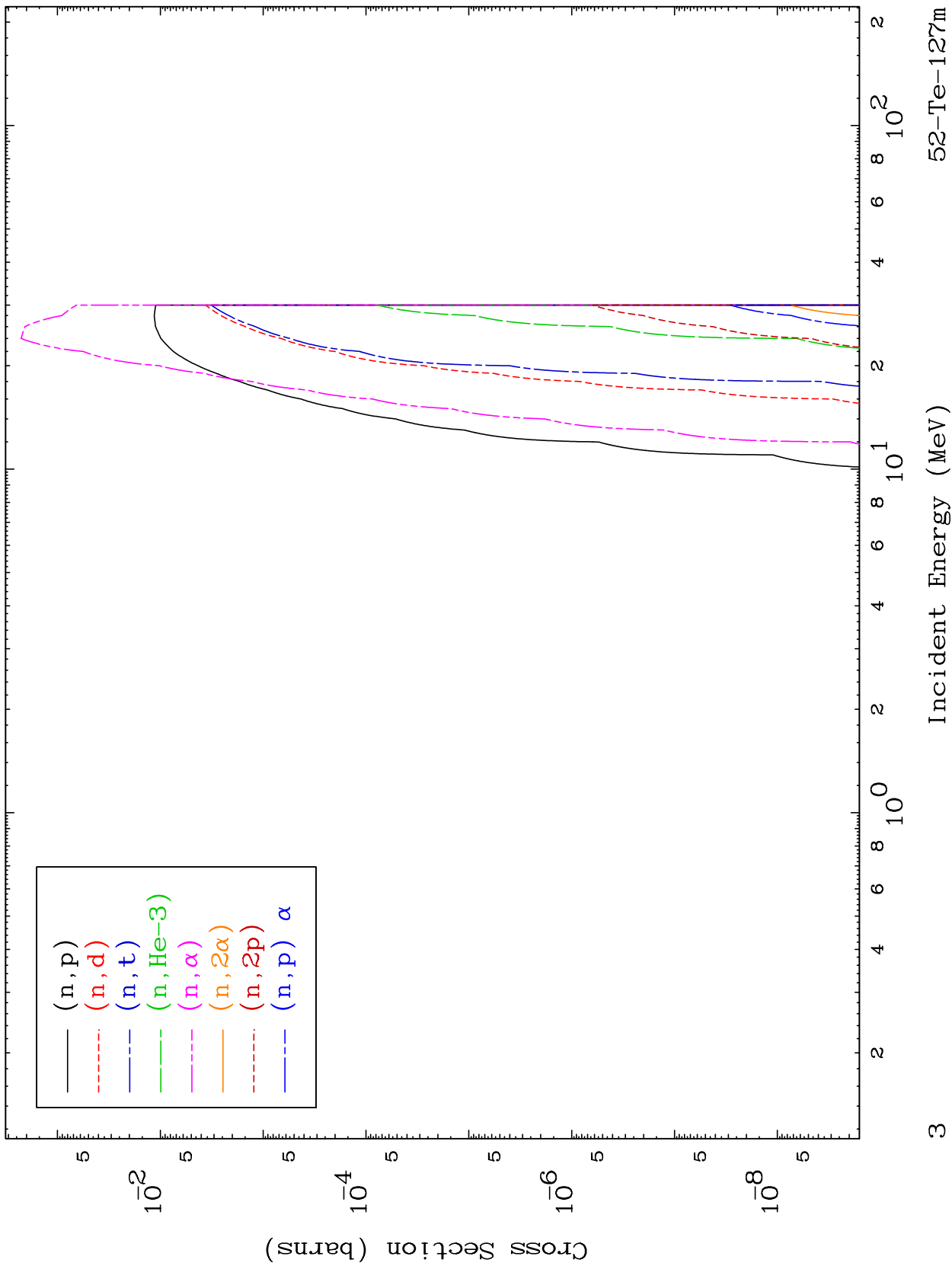
52-Te-127m

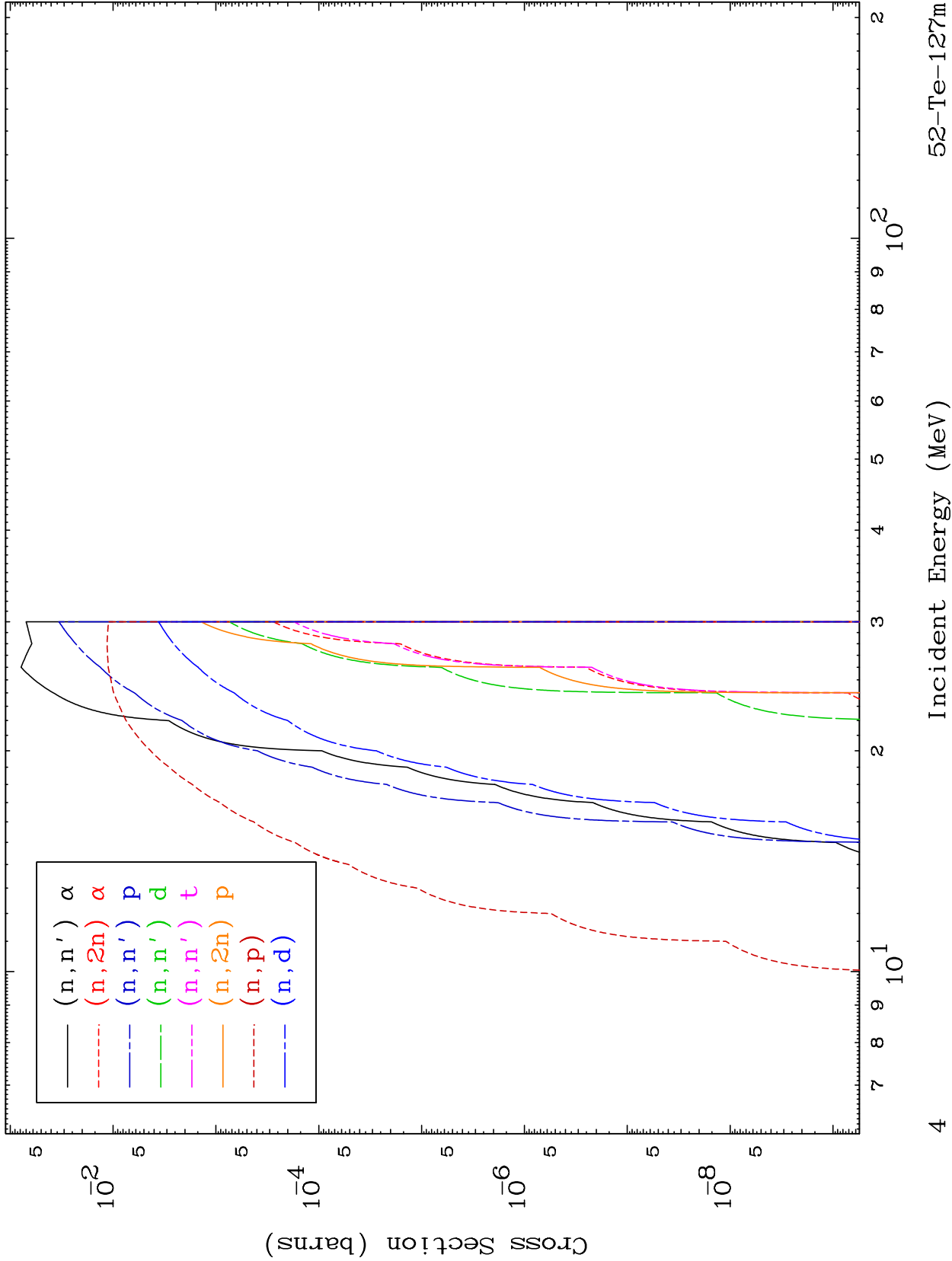


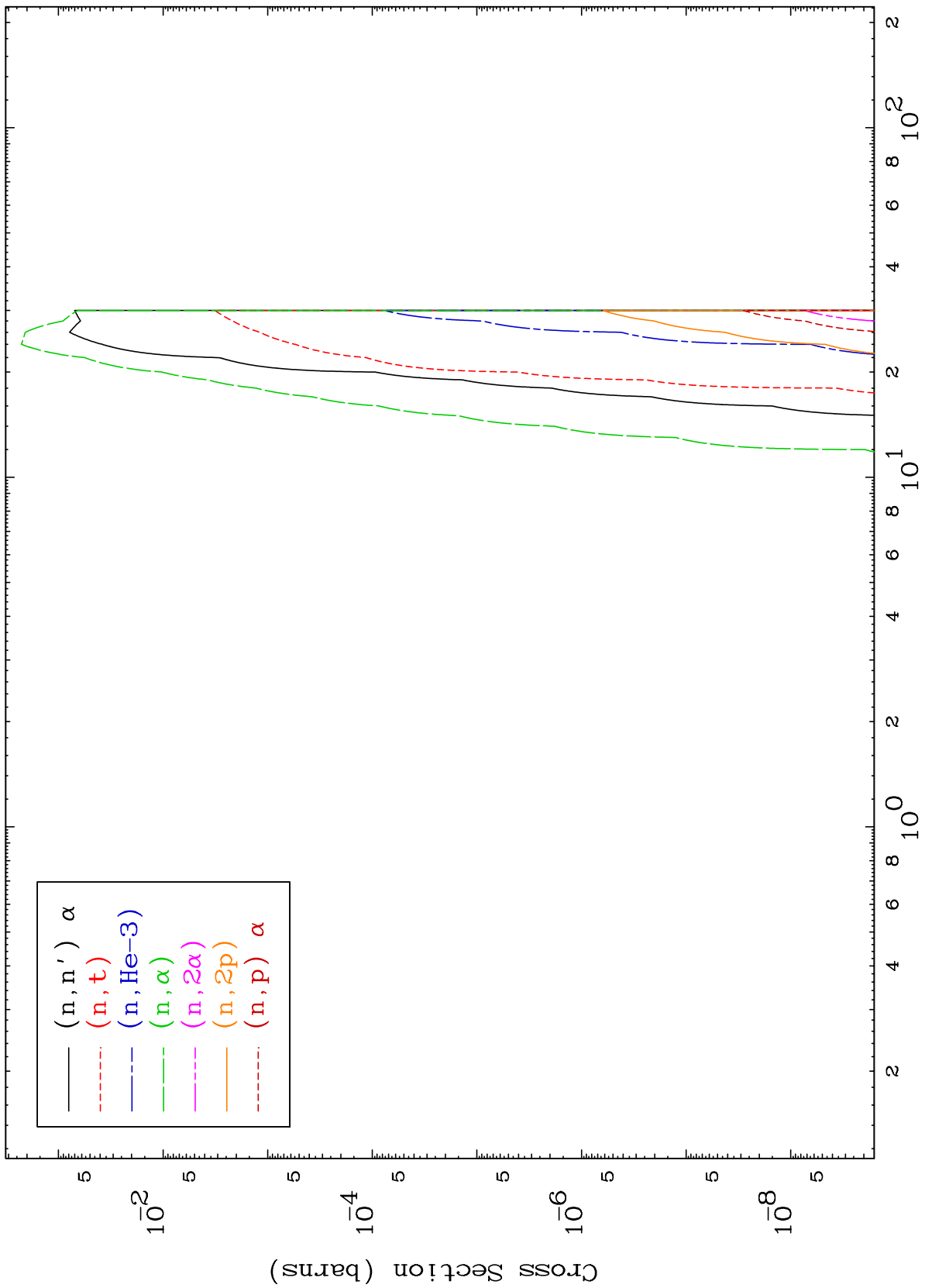
MAT 5247

α Neutron Absorption
0 Kelvin Cross Sections

52-Te-127m





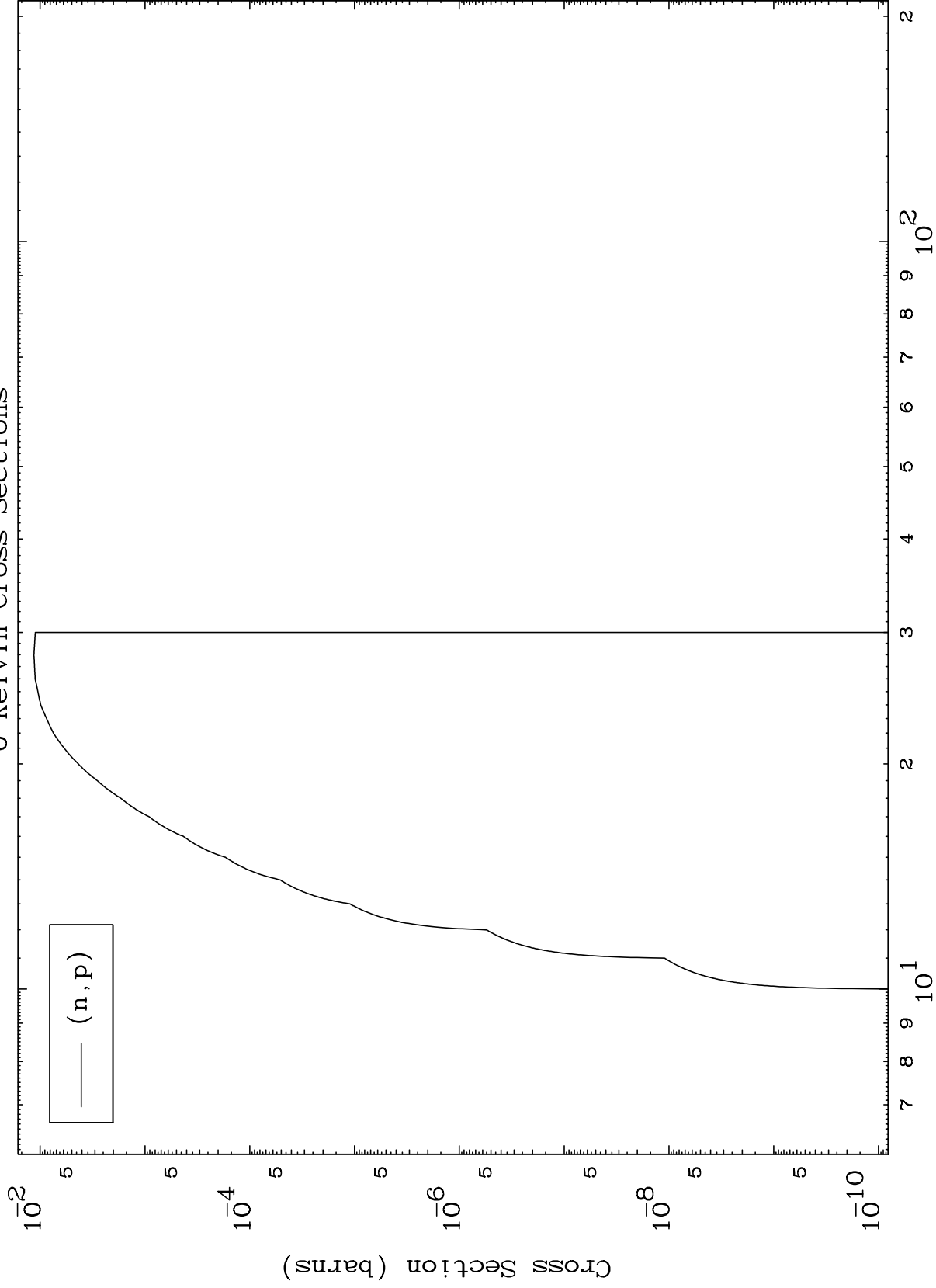


MAT 5247

(α, p) Levels

52-Te-127m

0 Kelvin Cross Sections



6

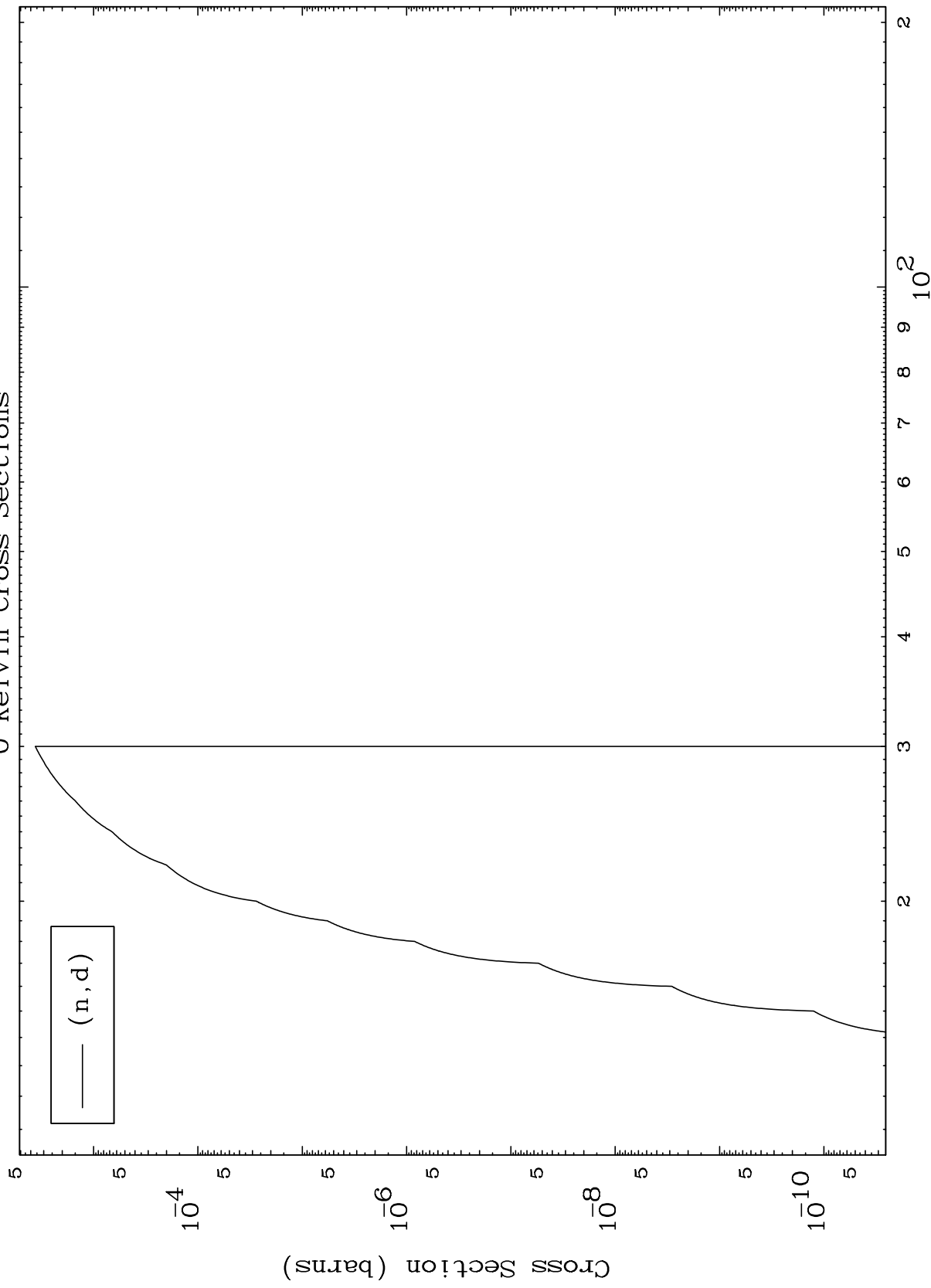
Incident Energy (MeV)

52-Te-127m

MAT 5247

(α, d) Levels
0 Kelvin Cross Sections

52-Te-127m



7

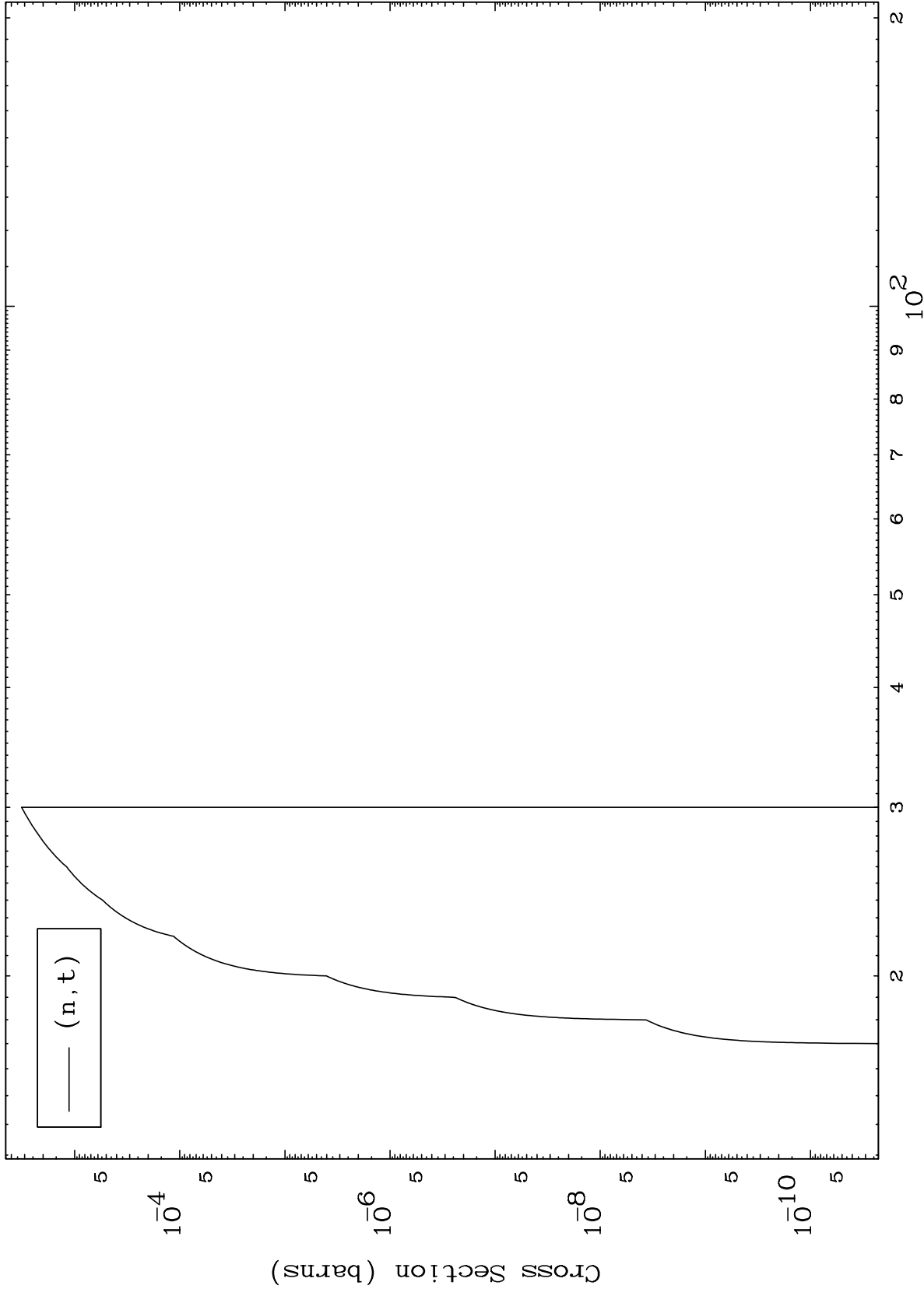
Incident Energy (MeV)

52-Te-127m

MAT 5247

(α, t) Levels
0 Kelvin Cross Sections

52-Te-127m



8

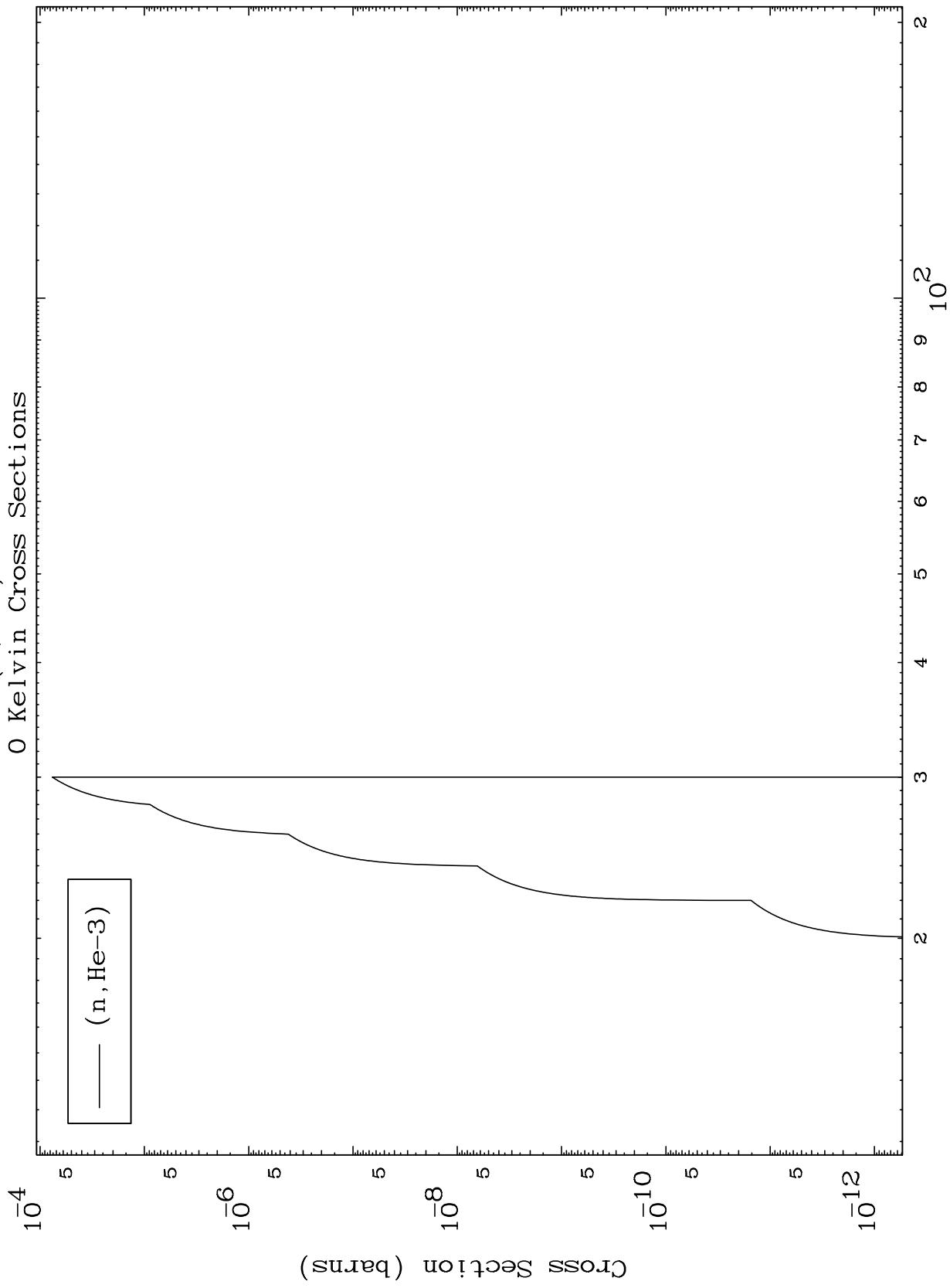
Incident Energy (MeV)

52-Te-127m

MAT 5247

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

52-Te-127m

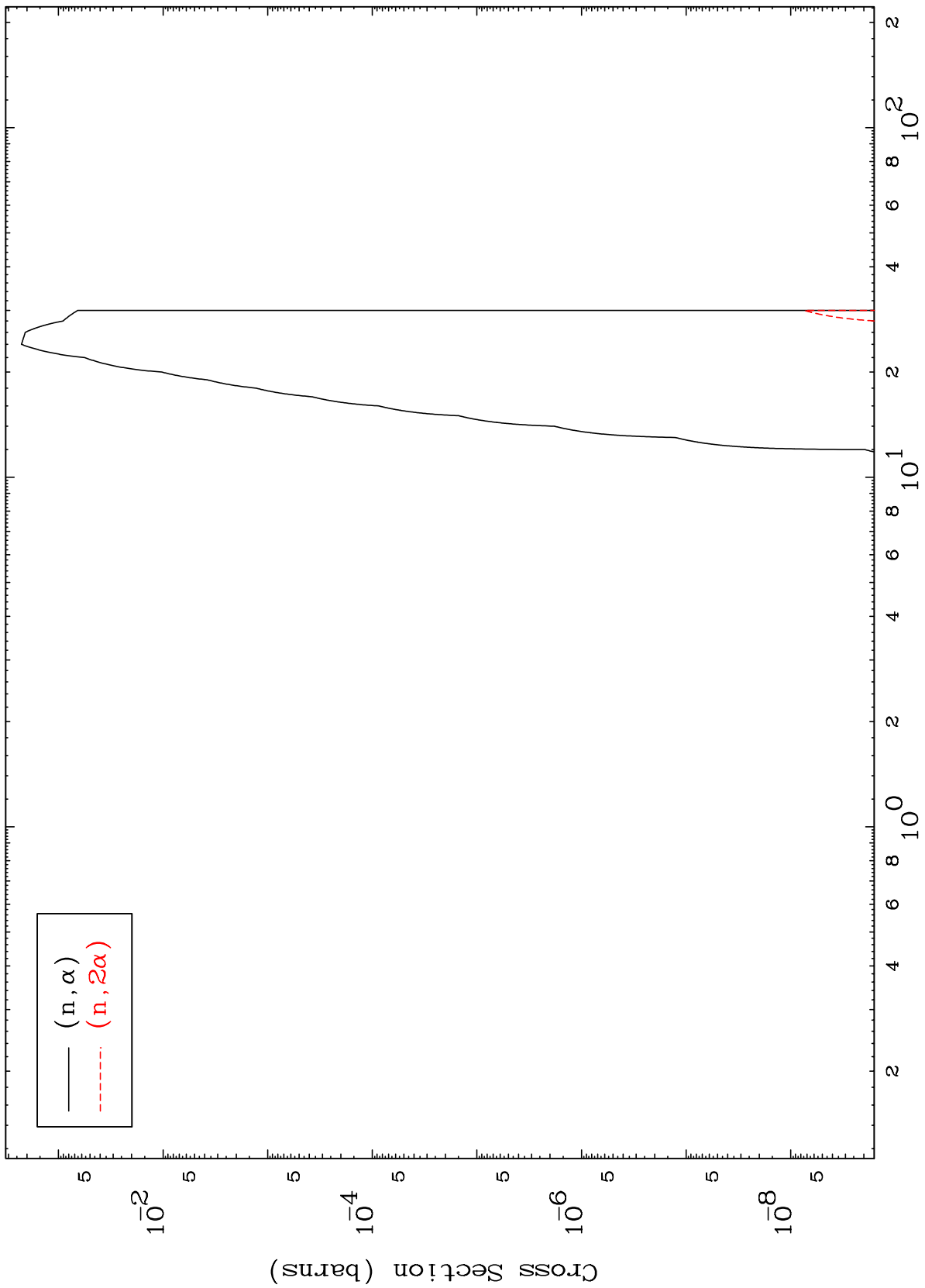


MAT 5247

(α, α) Levels

52-Te-127m

0 Kelvin Cross Sections



10

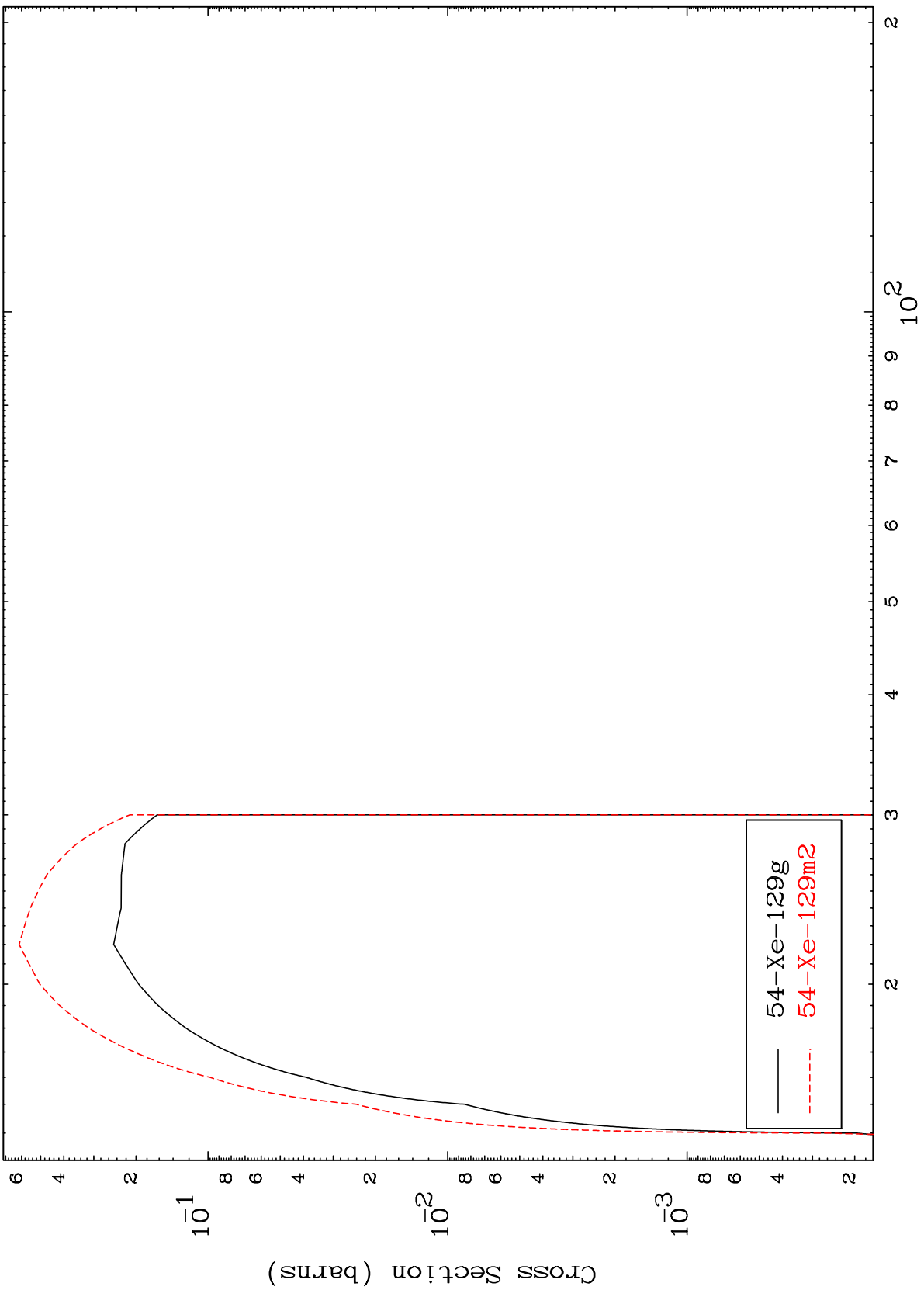
Incident Energy (MeV)

52-Te-127m

MAT 5247

52-Te-127m

(n,2n)
Radionuclide Production Cross Section



52-Te-127m

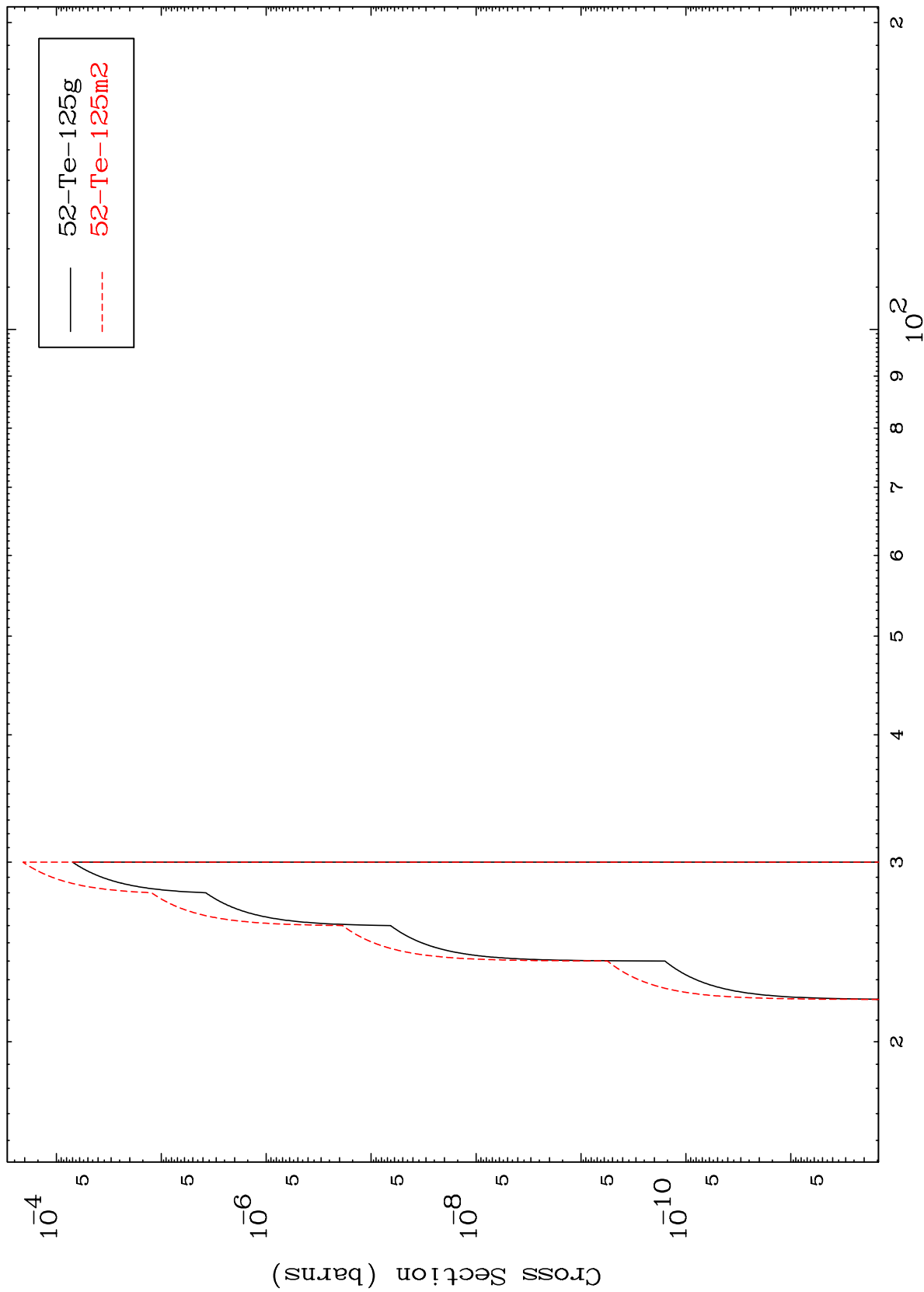
Incident Energy (MeV)

MAT 5247

$(n,2n) \alpha$

$^{52}\text{Te-127m}$

Radionuclide Production Cross Section



12

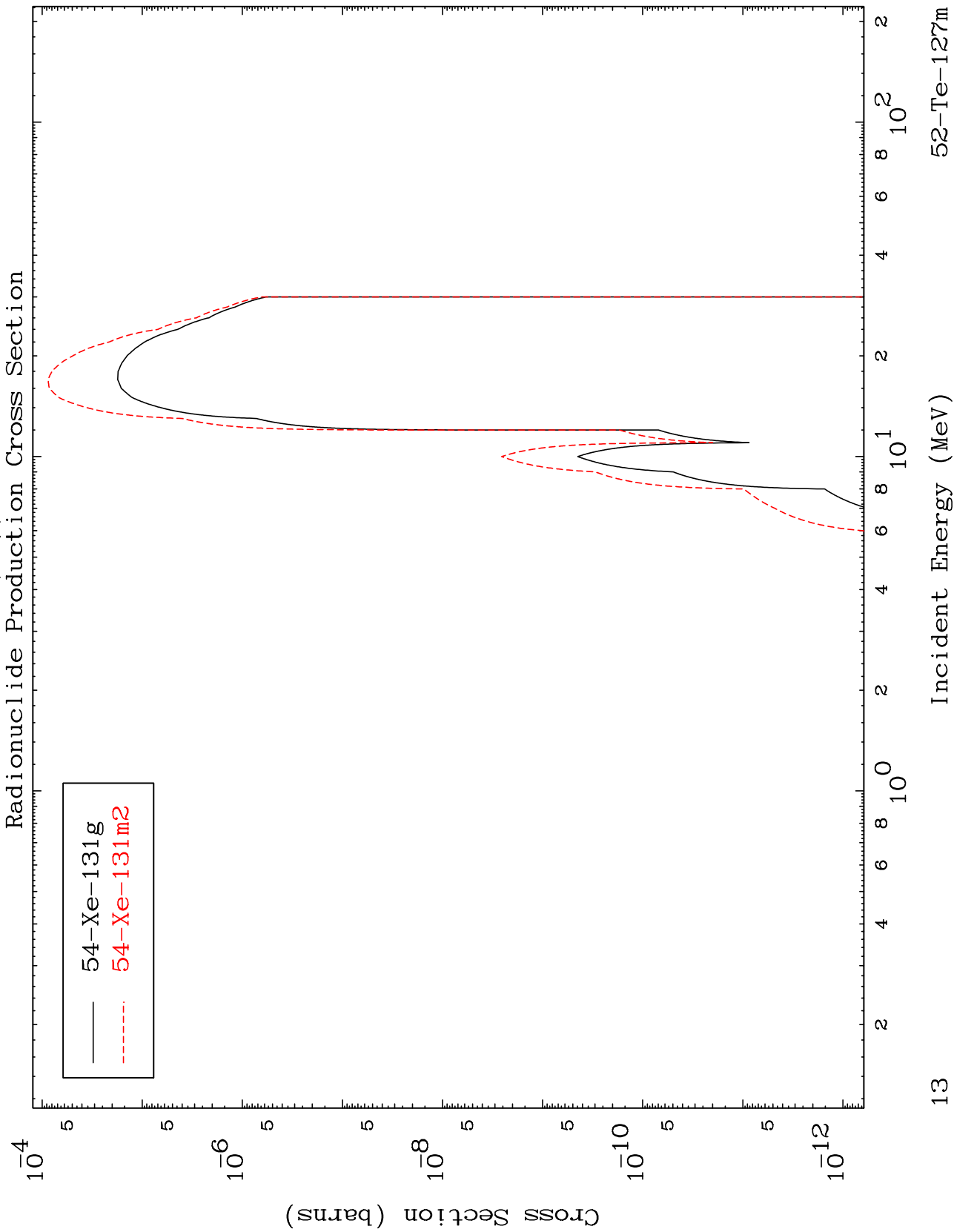
Incident Energy (MeV)

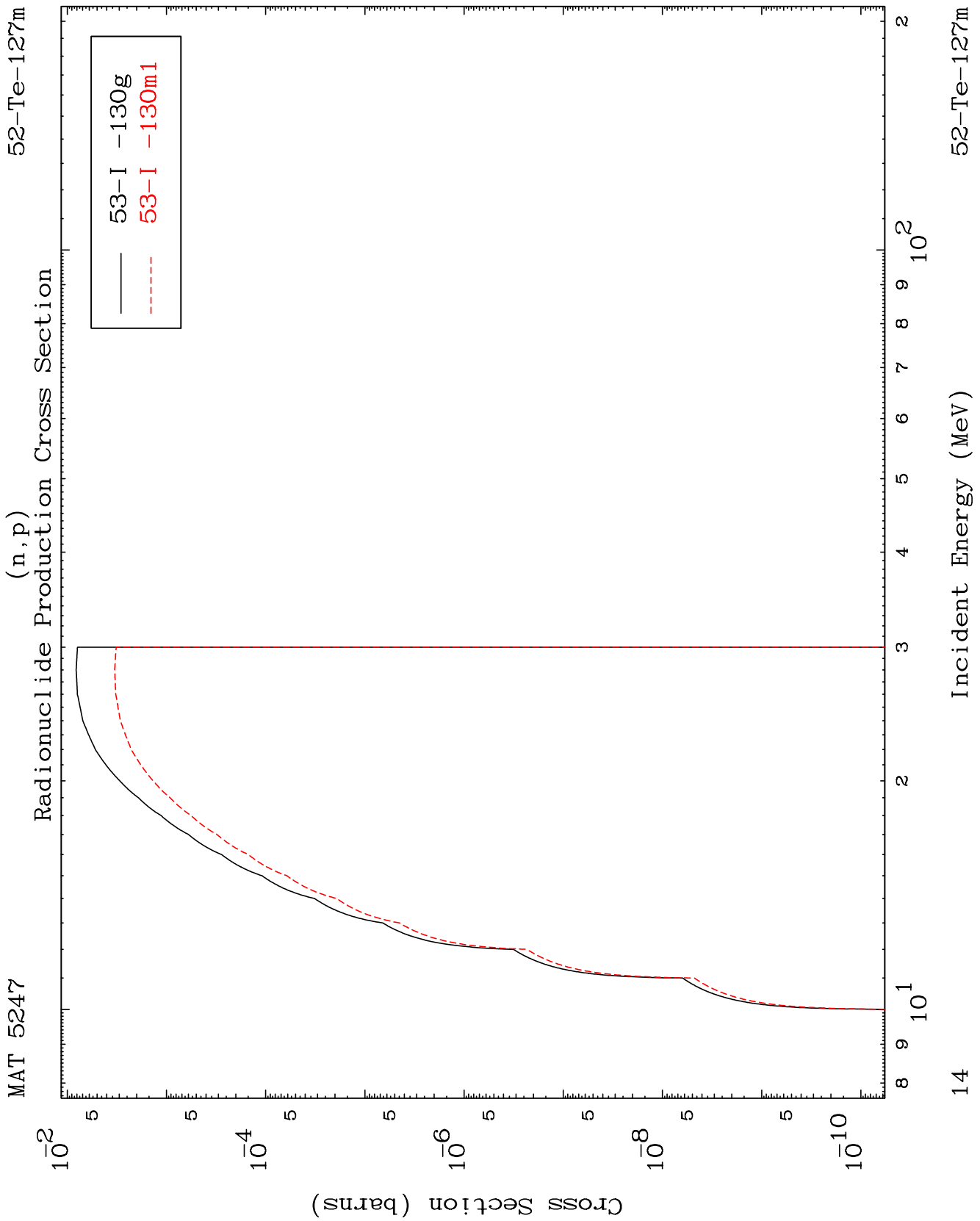
$^{52}\text{Te-127m}$

MAT 5247

(n, γ)

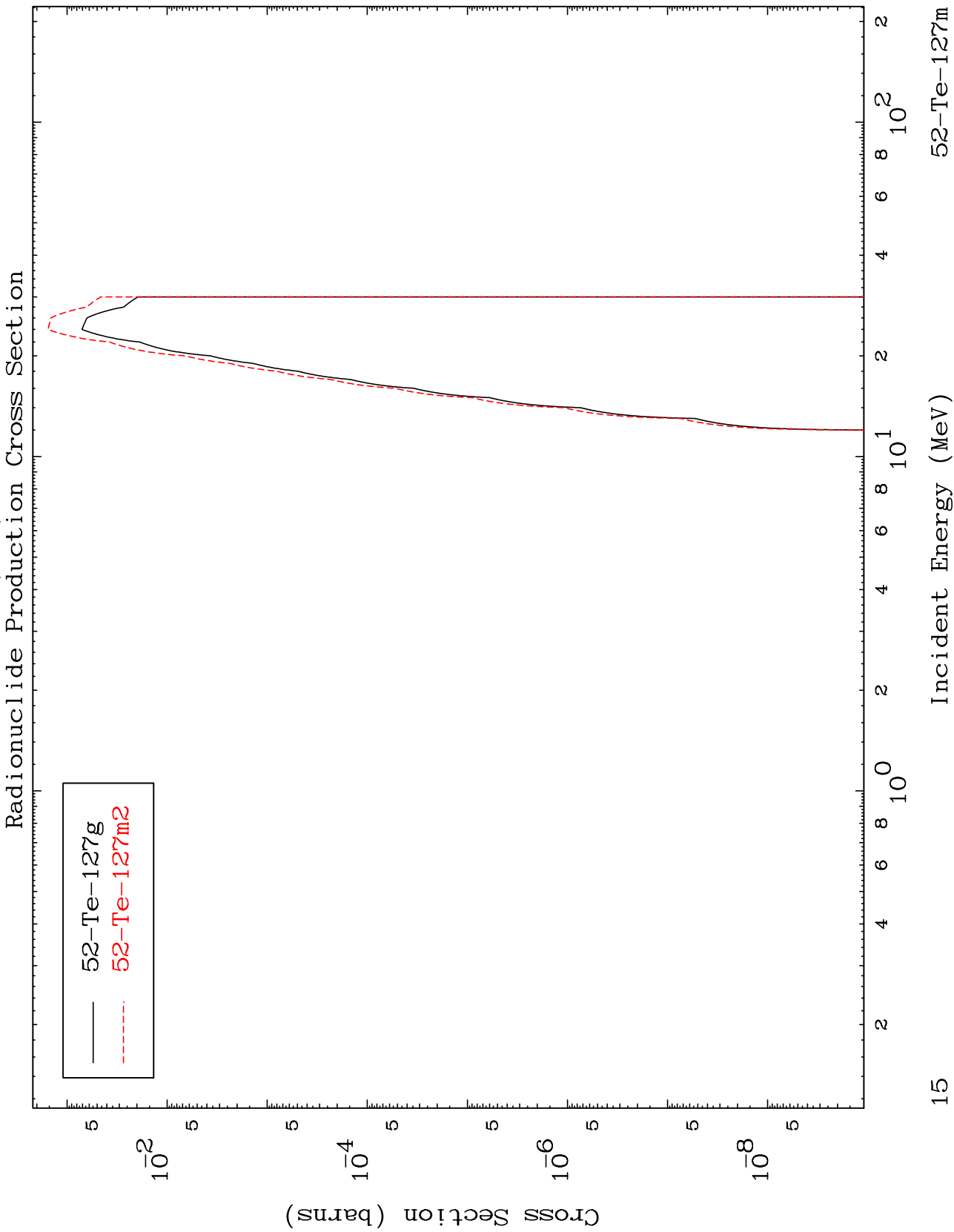
52-Te-127m





MAT 5247

52-Te-127m

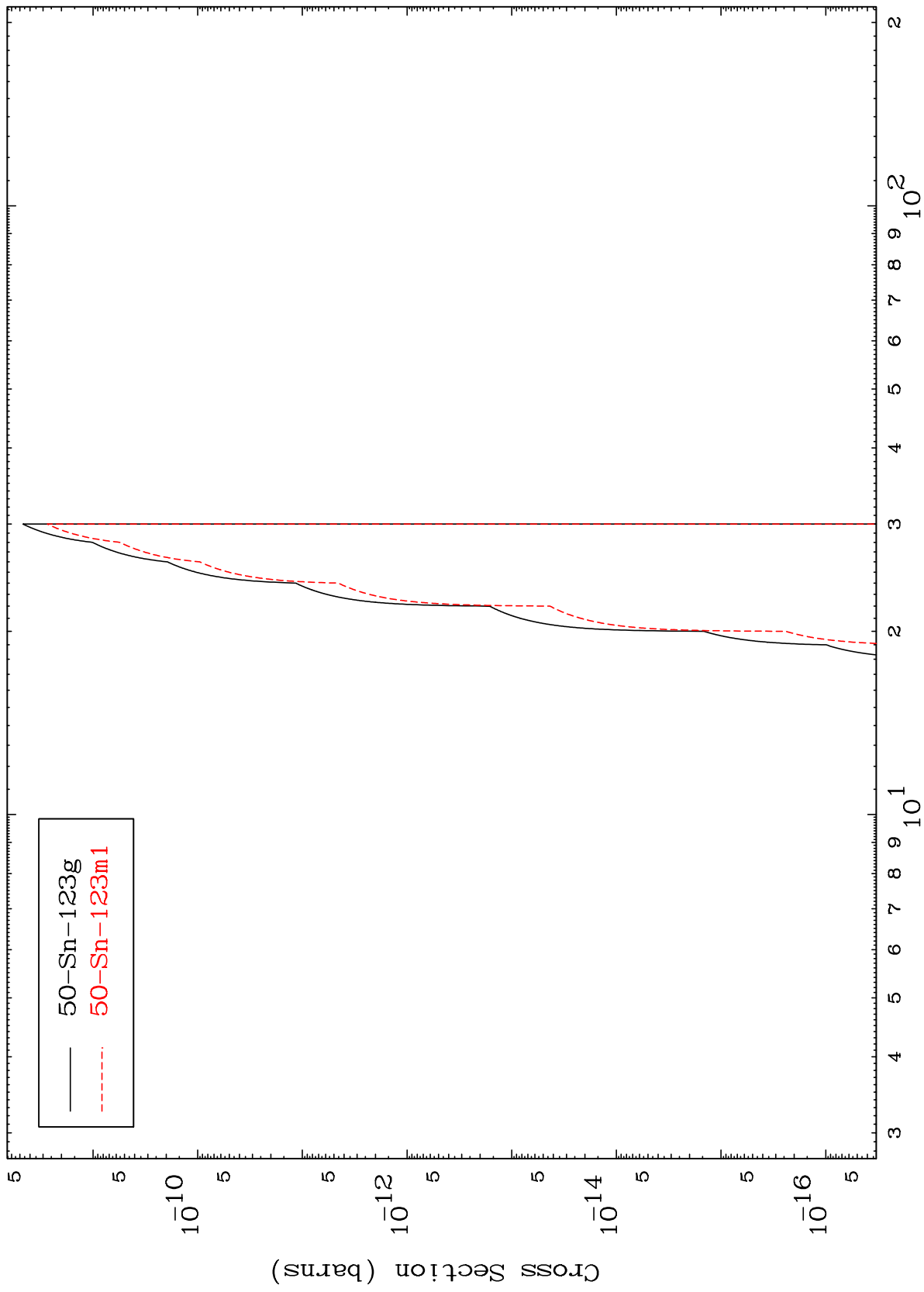


— 52-Te-127g
- - - 52-Te-127m2

MAT 5247

52-Te-127m

Radionuclide Production Cross Section



16

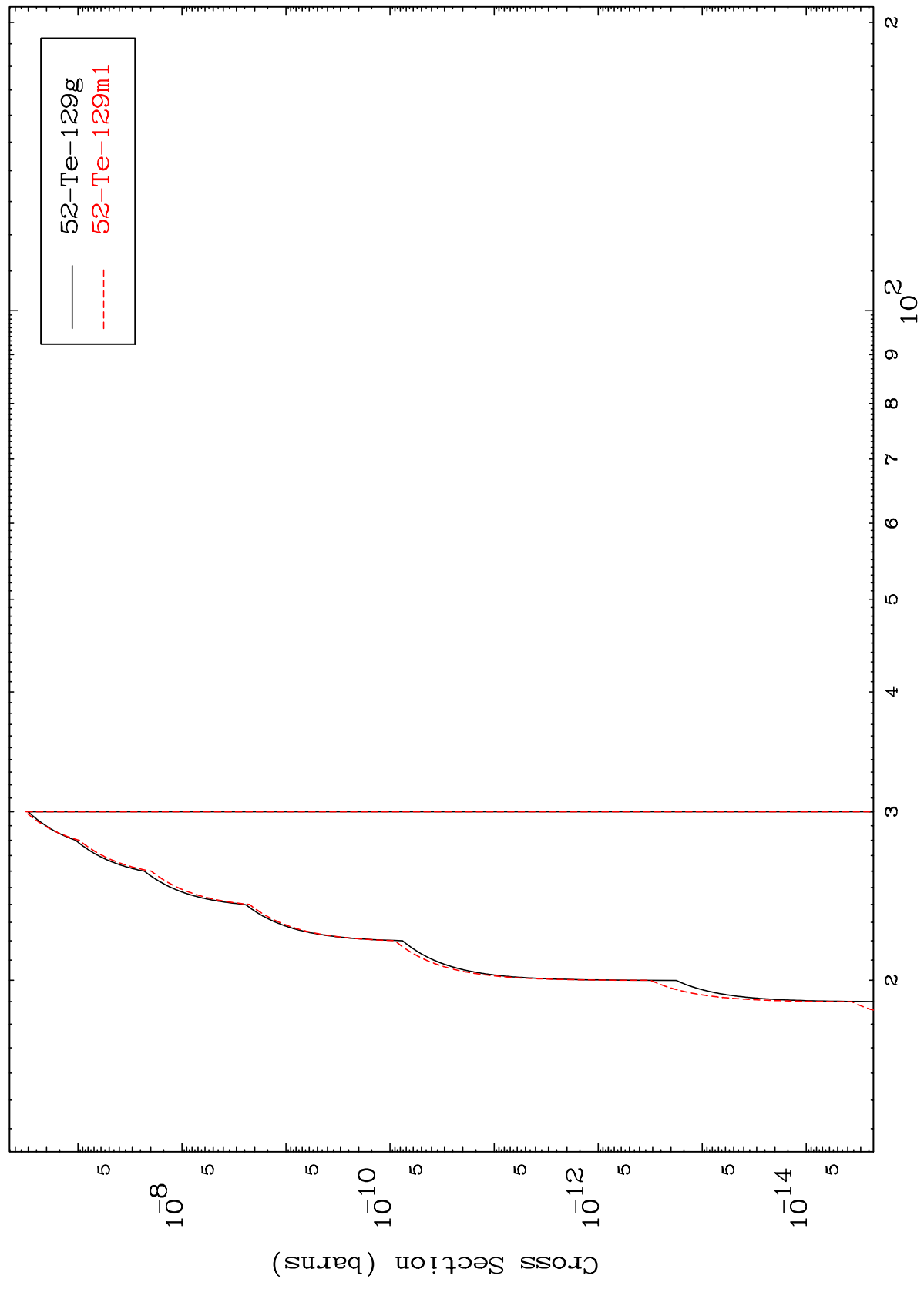
52-Te-127m

Incident Energy (MeV)

MAT 5247

52-Te-127m

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

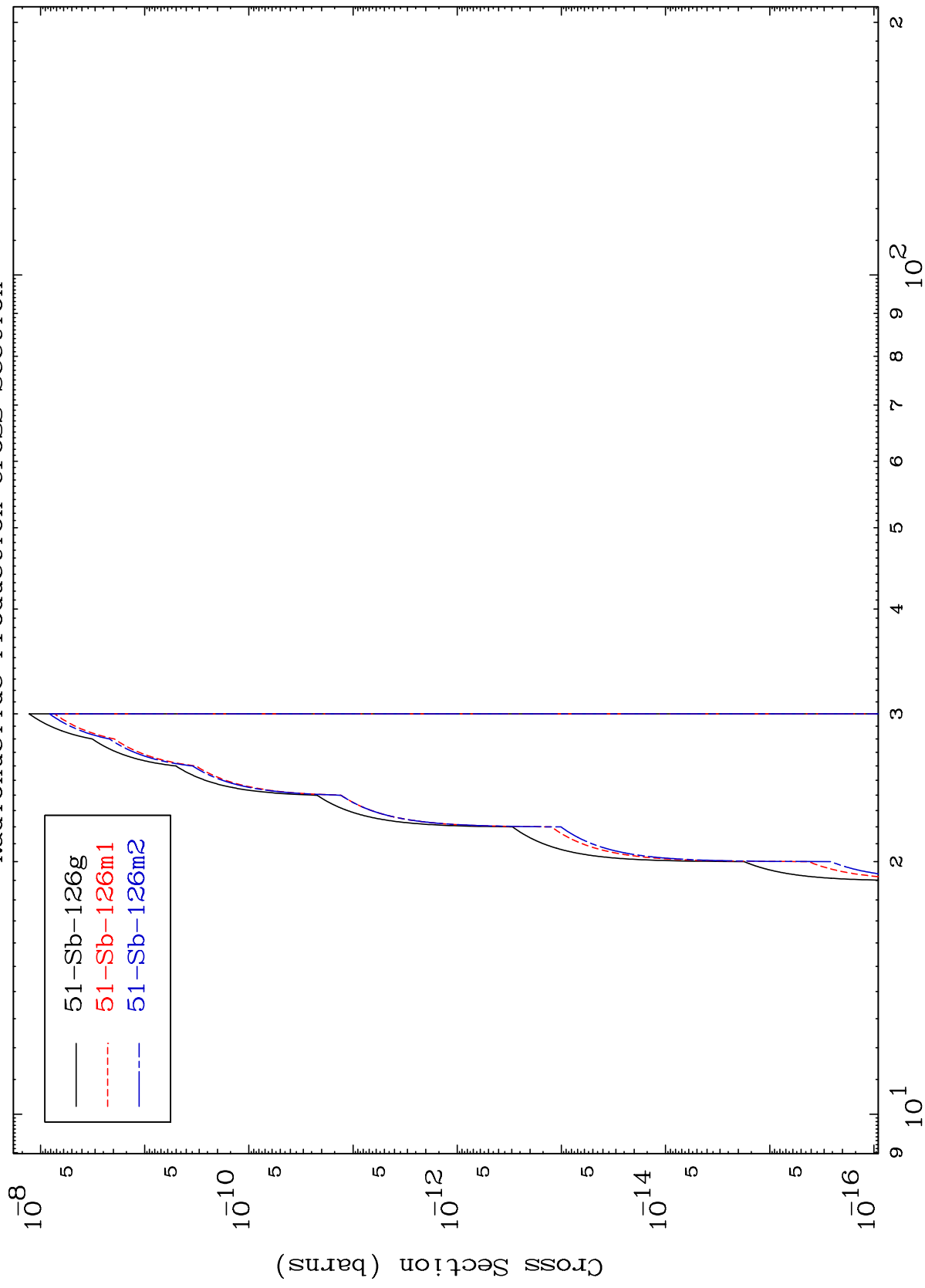
52-Te-127m

MAT 5247

(n,p) α

52-Te-127m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-127m