

Program EVALPLOT
(Version 2021-1)

by

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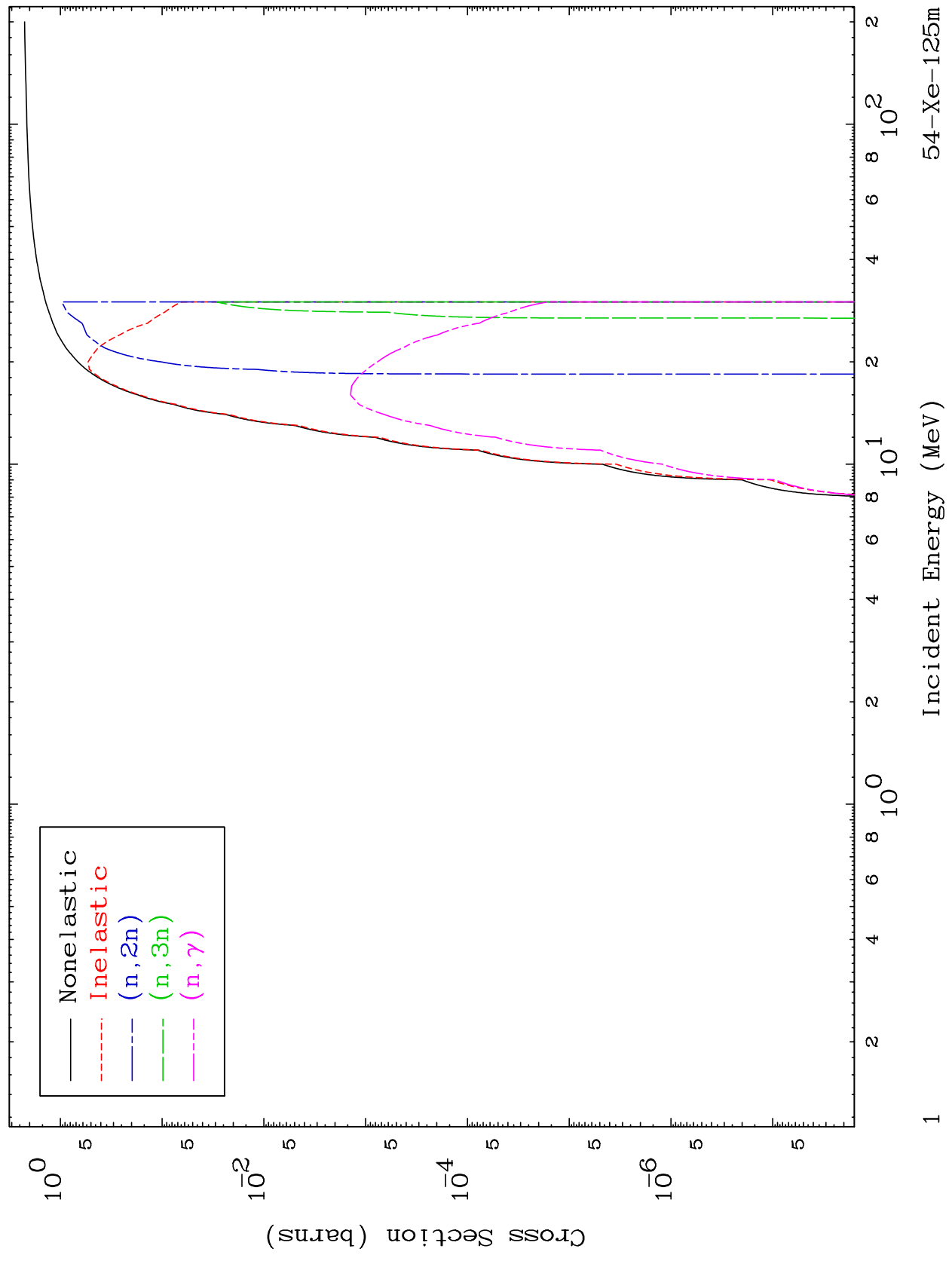
Press Mouse Button to Start

MAT 5429

0 Kelvin

Major Cross Sections

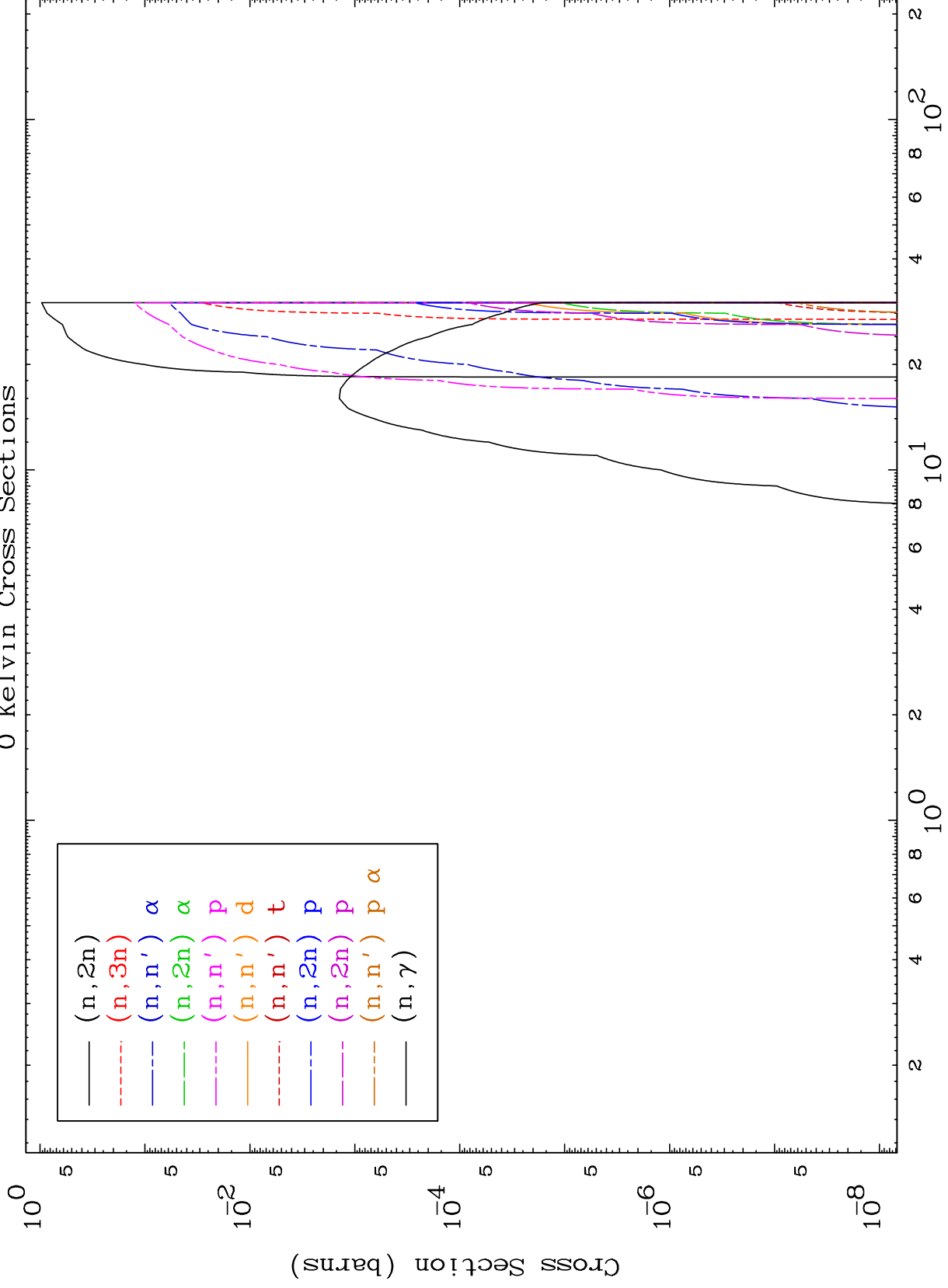
54-Xe-125m

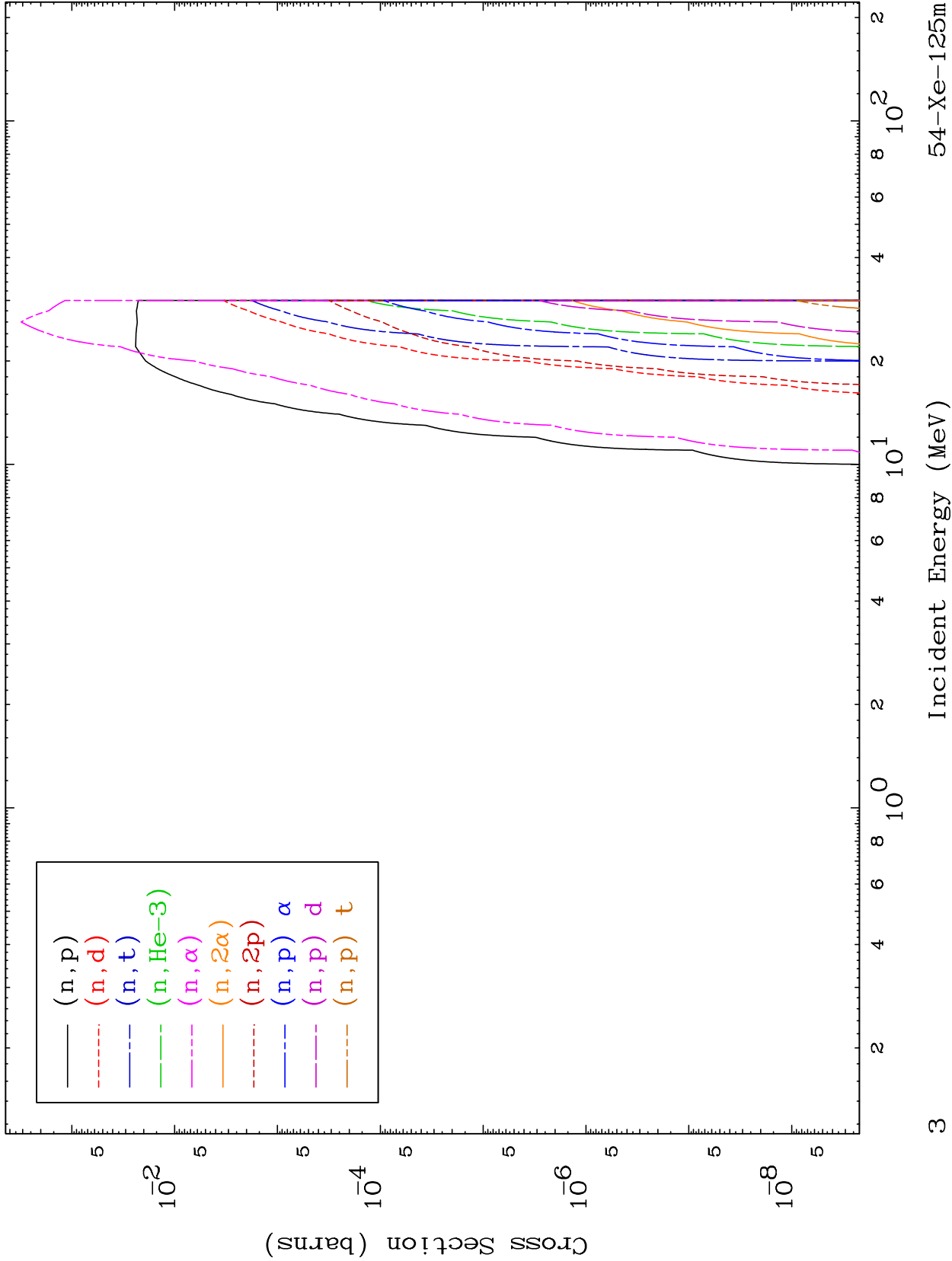


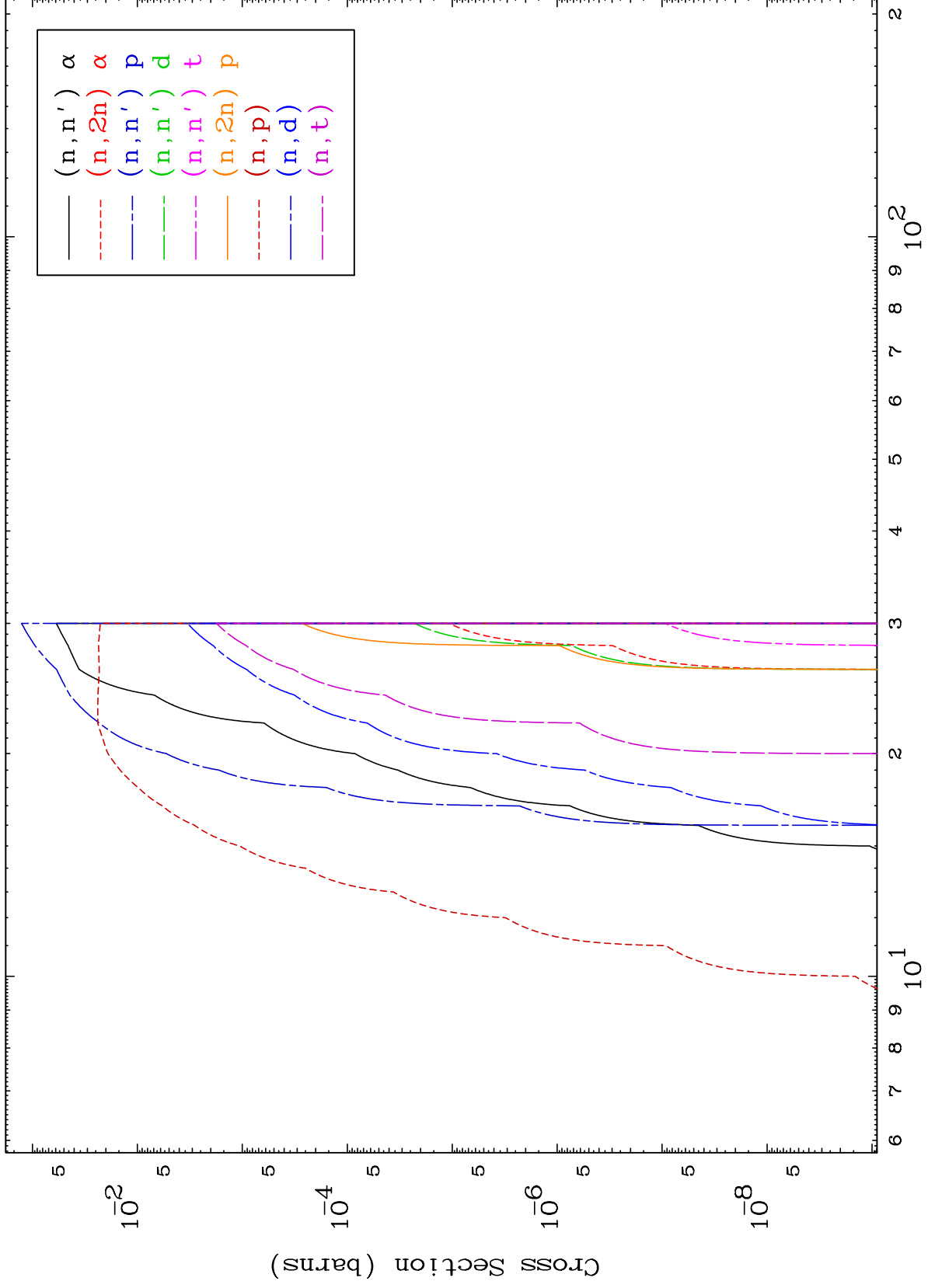
MAT 5429

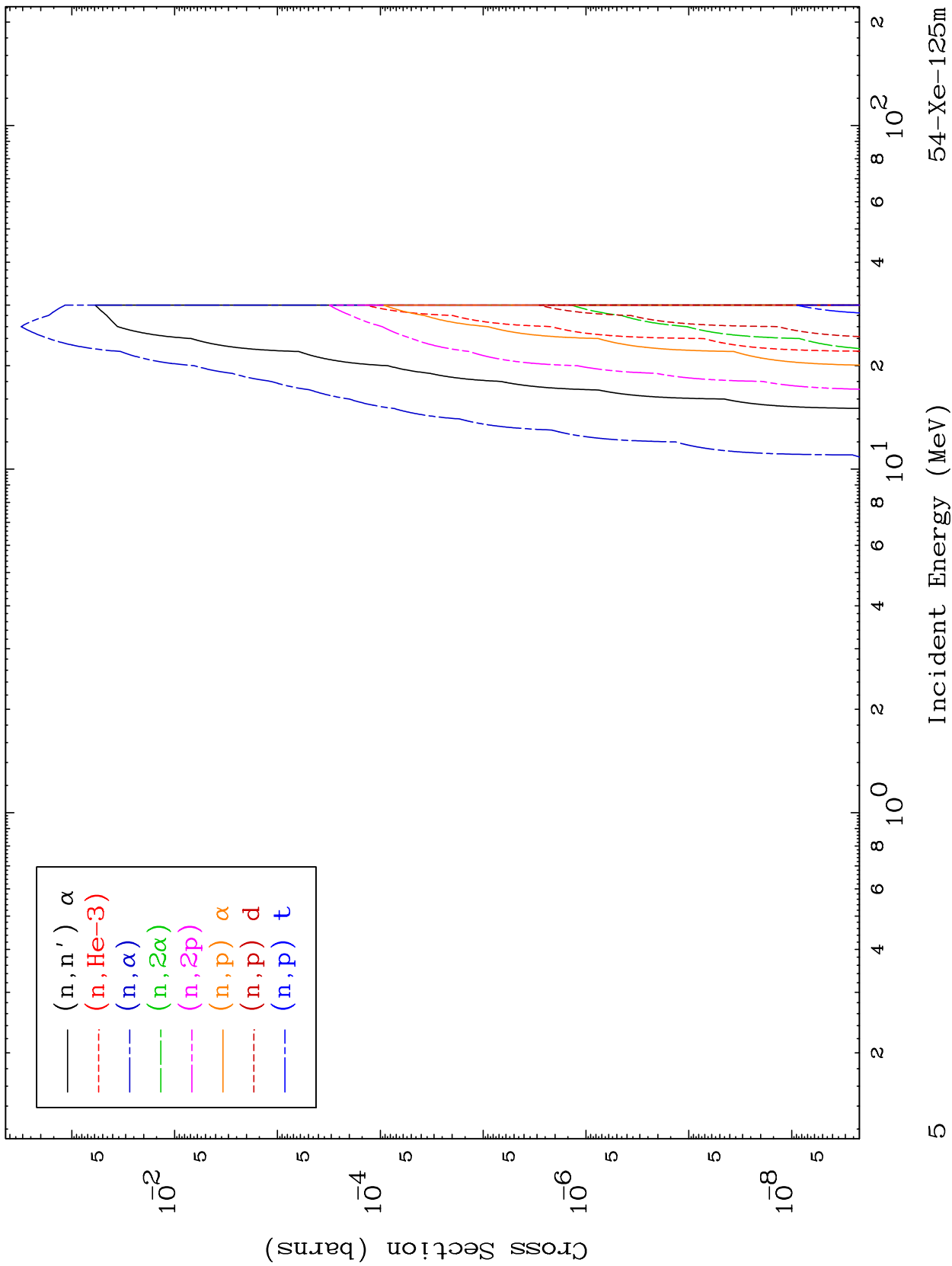
α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-125m







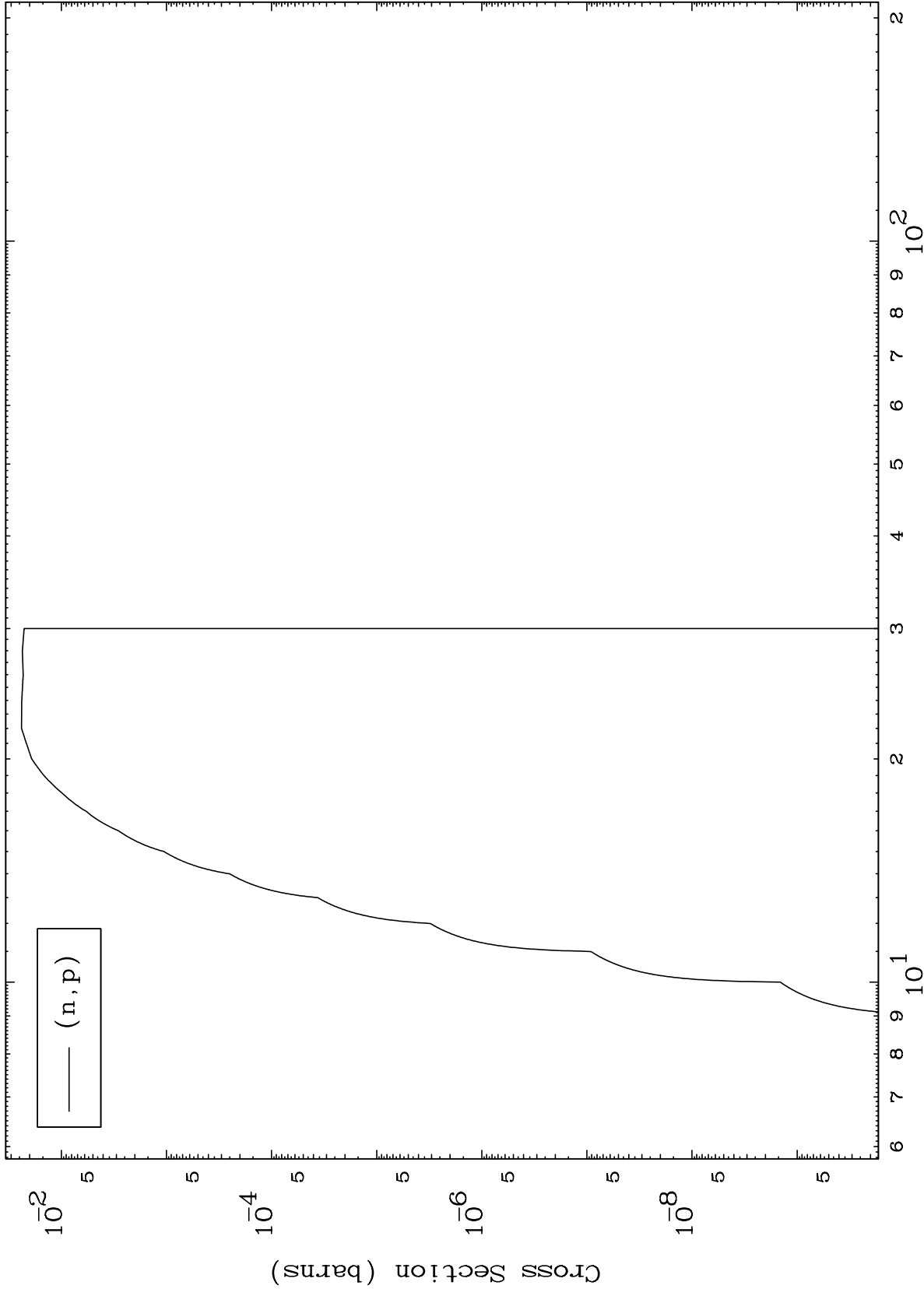


MAT 5429

(α, p) Levels

54-Xe-125m

0 Kelvin Cross Sections



6

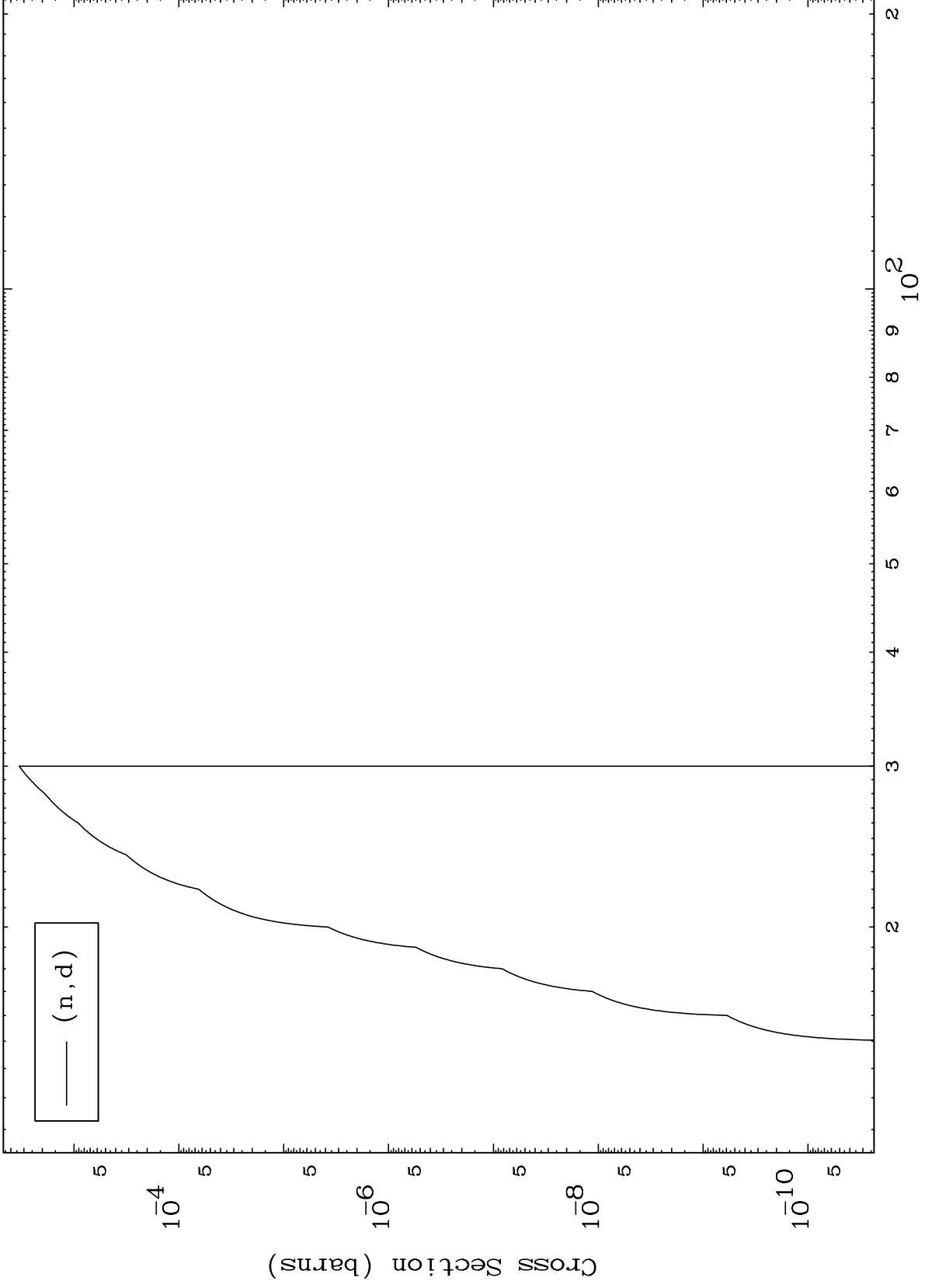
Incident Energy (MeV)

54-Xe-125m

MAT 5429

(α, d) Levels
0 Kelvin Cross Sections

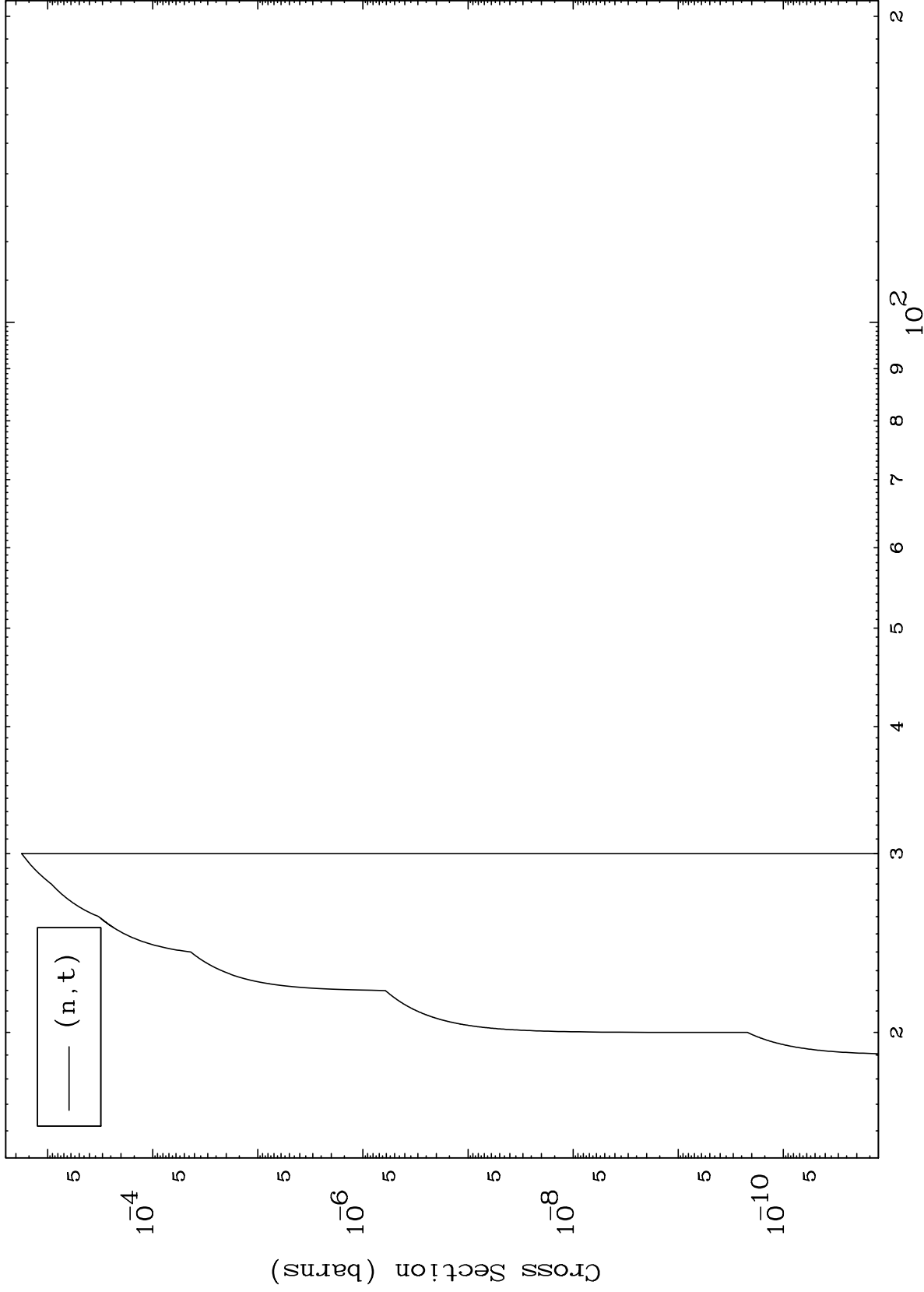
54-Xe-125m



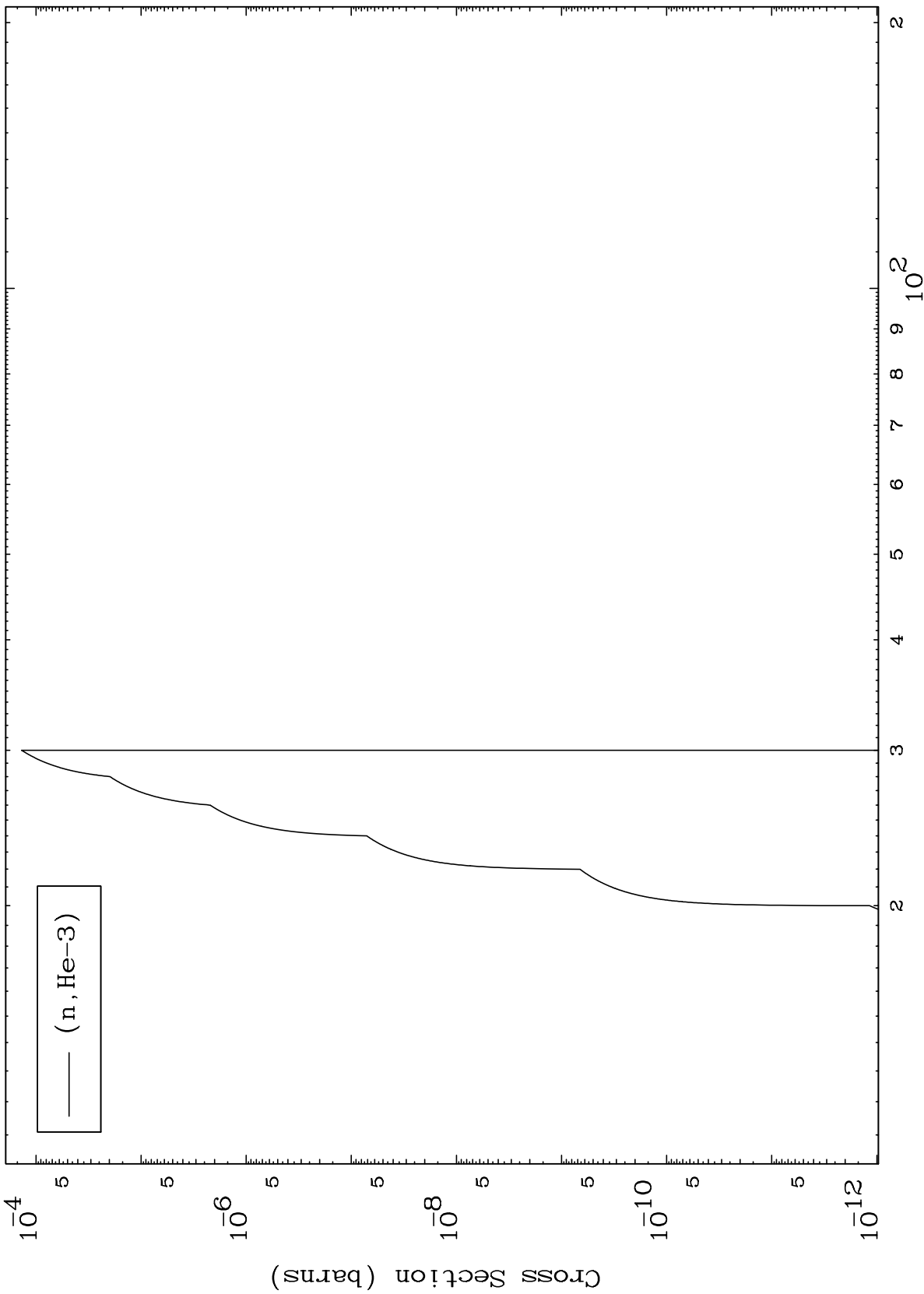
7

Incident Energy (MeV)

54-Xe-125m



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

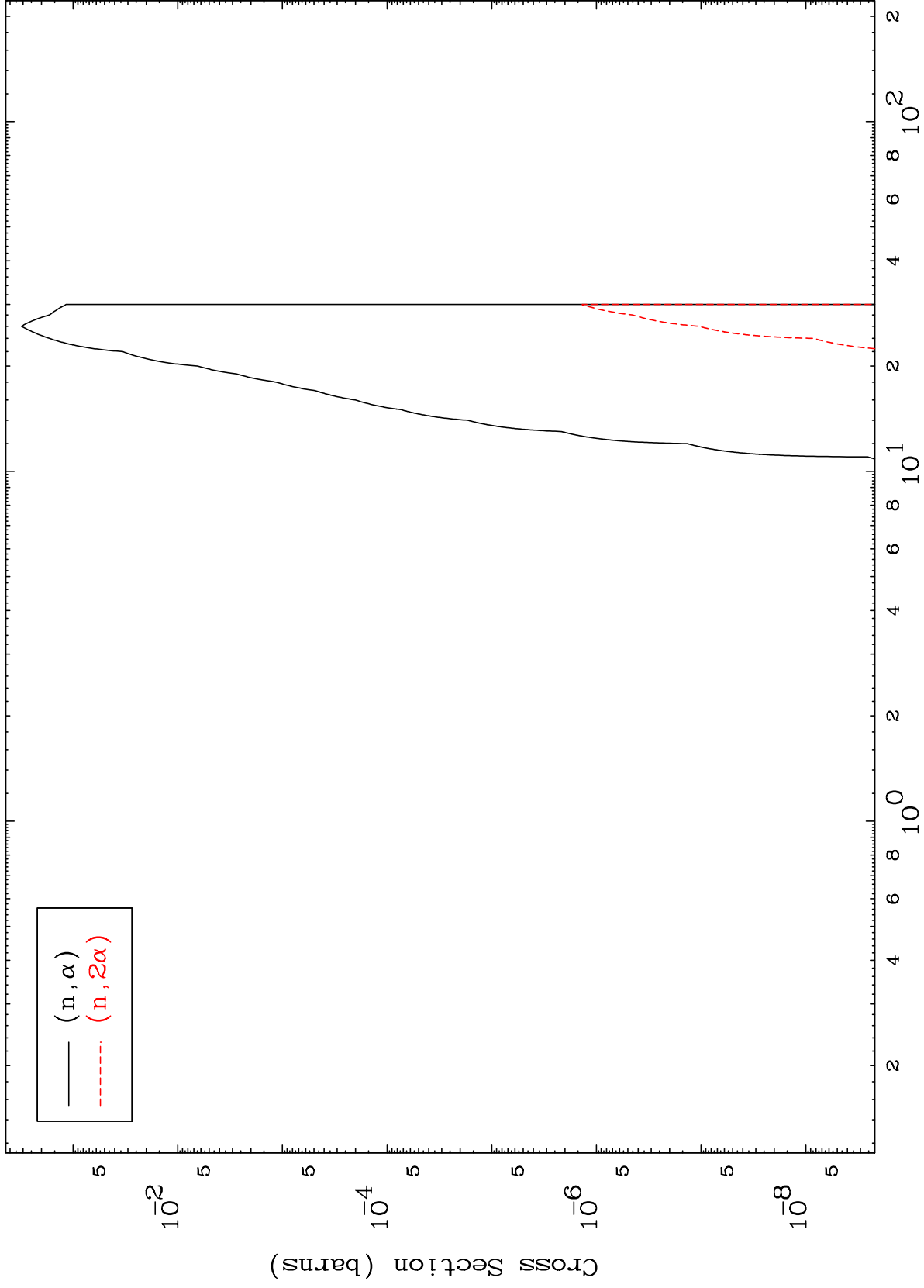


Incident Energy (MeV)

MAT 5429

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-125m



10

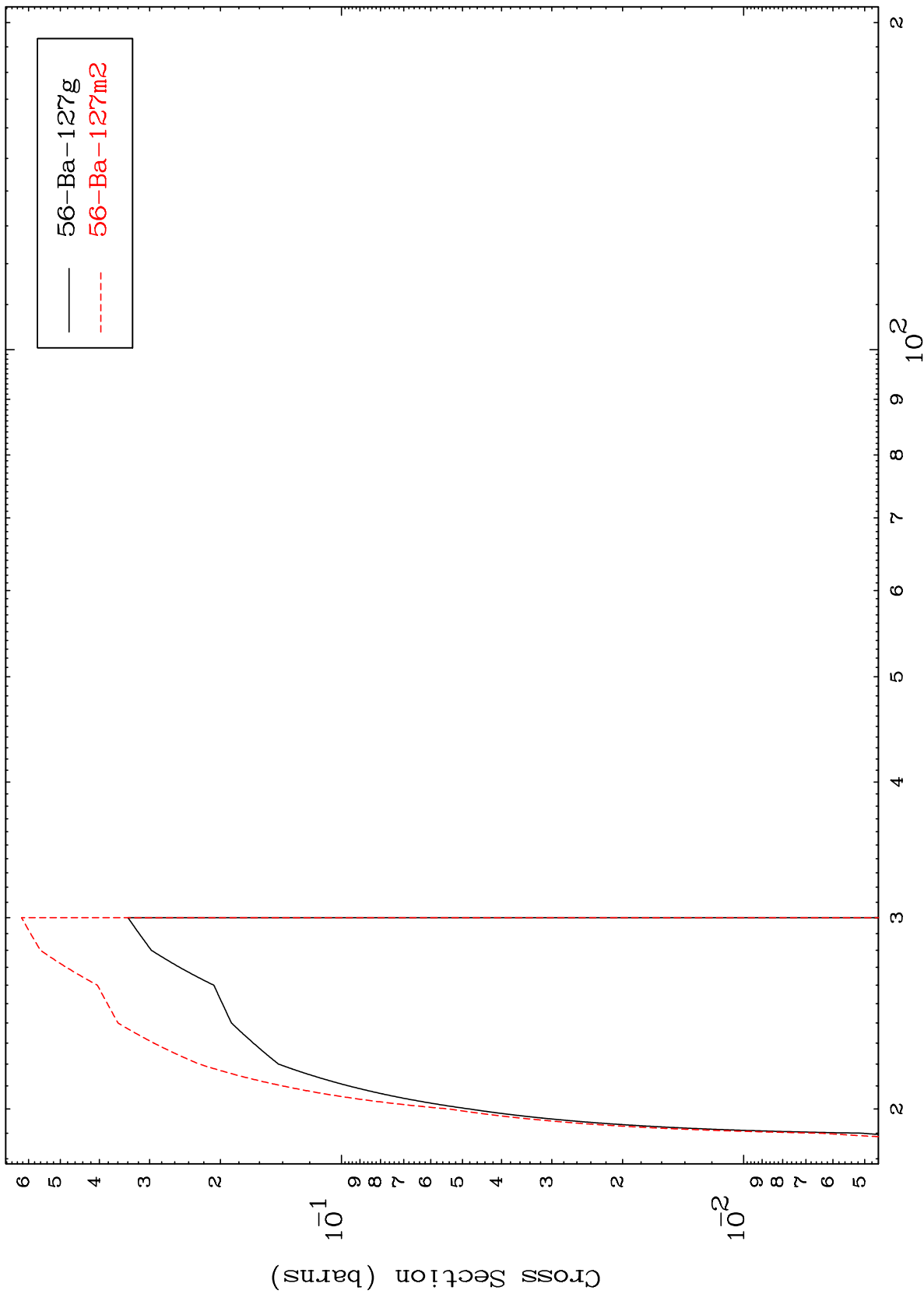
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

(n,2n)
Radionuclide Production Cross Section



11

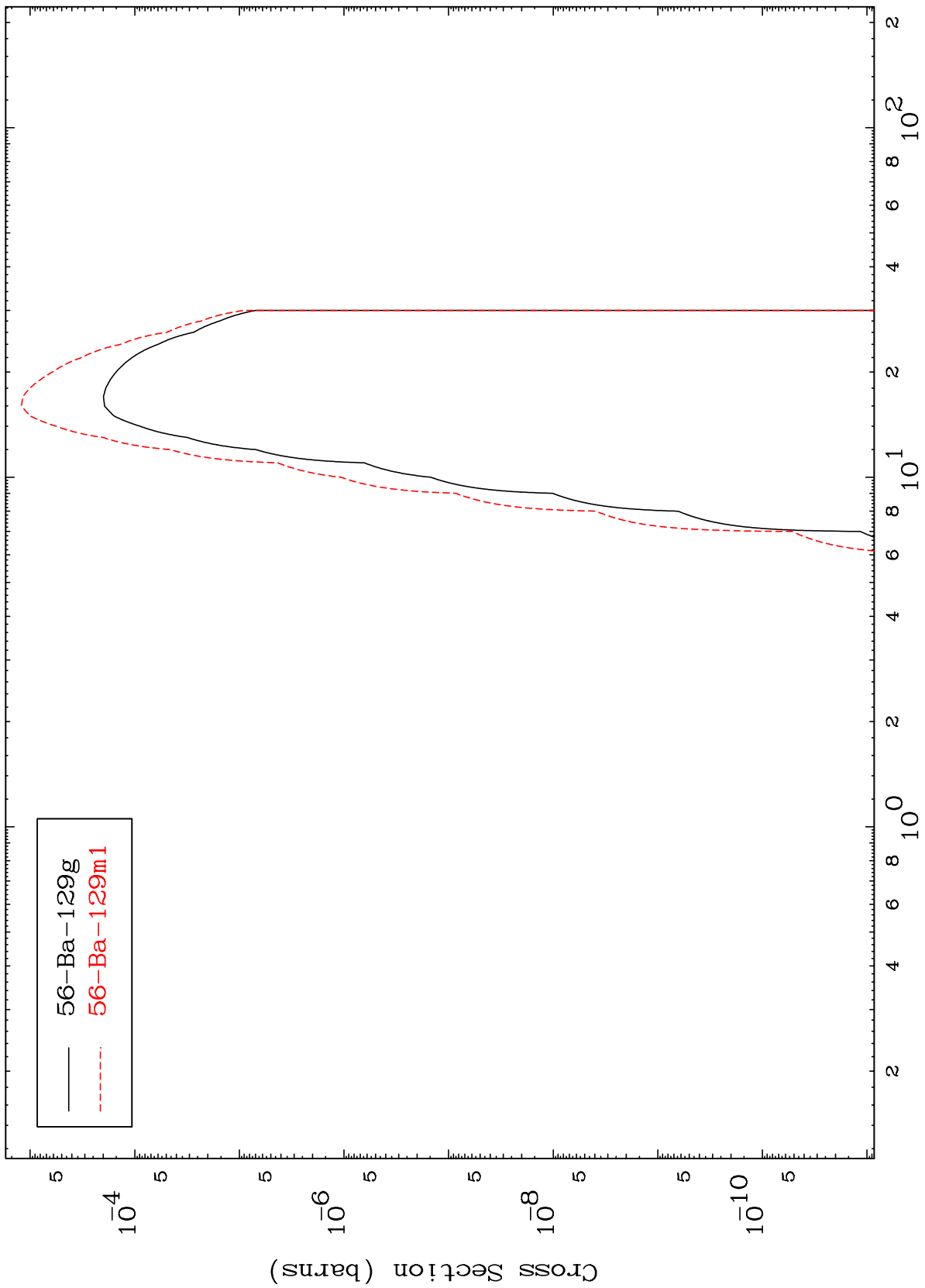
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

Radionuclide Production Cross Section



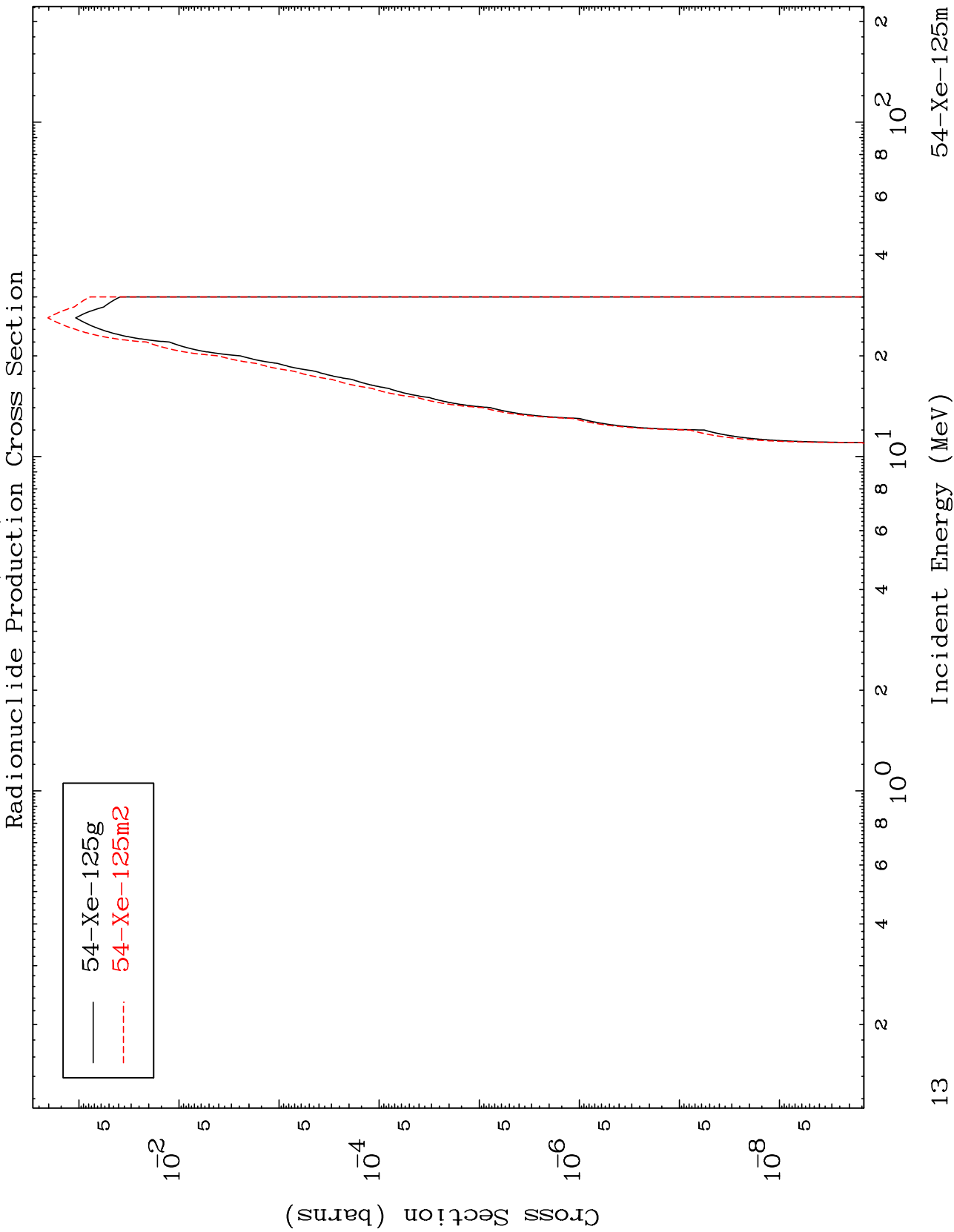
Incident Energy (MeV)

54-Xe-125m

12

MAT 5429

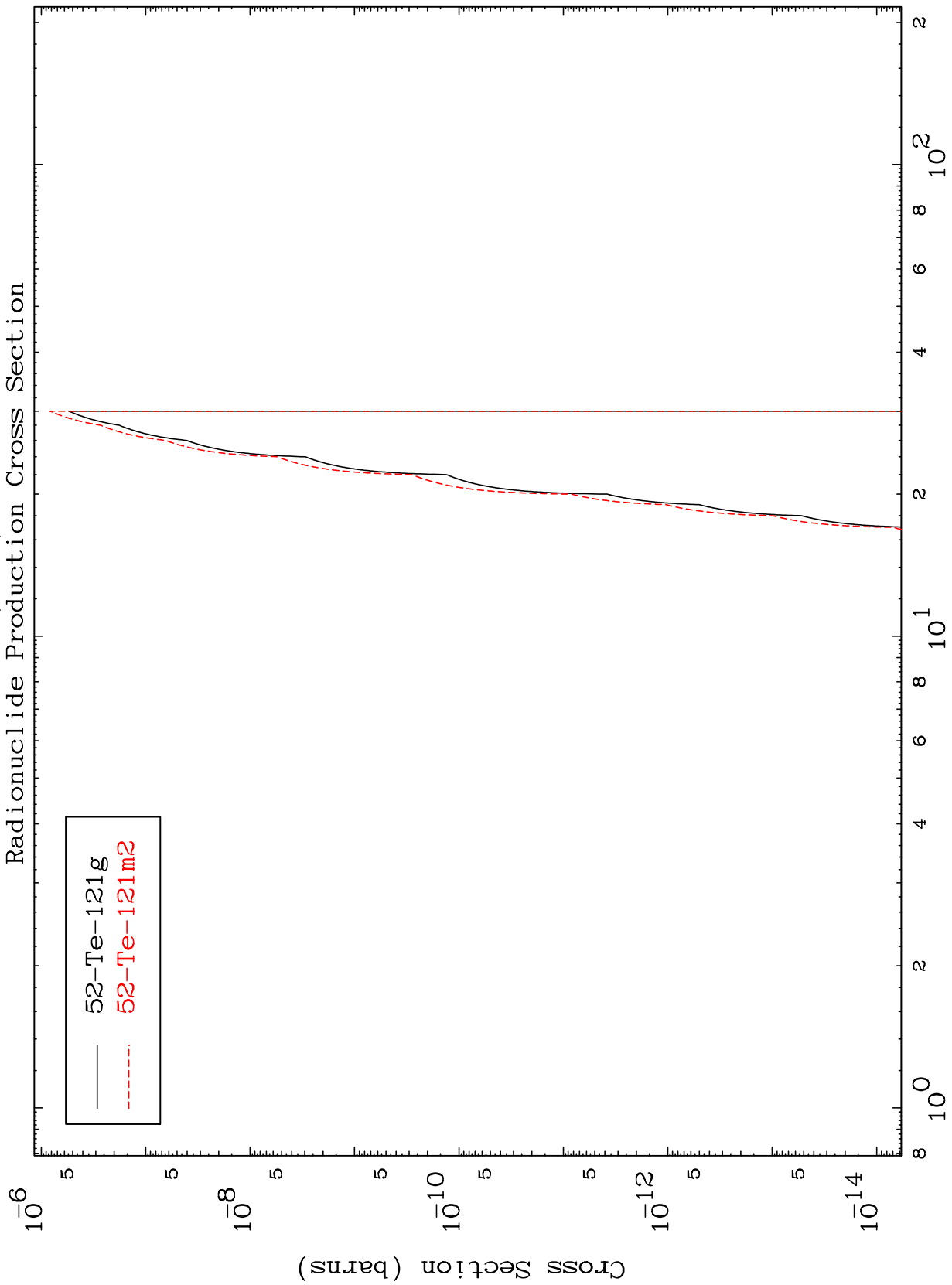
54-Xe-125m



MAT 5429

54-Xe-125m

Radionuclide Production Cross Section
(n,2 α)



— 52-Te-121g
- - - 52-Te-121m2

54-Xe-125m

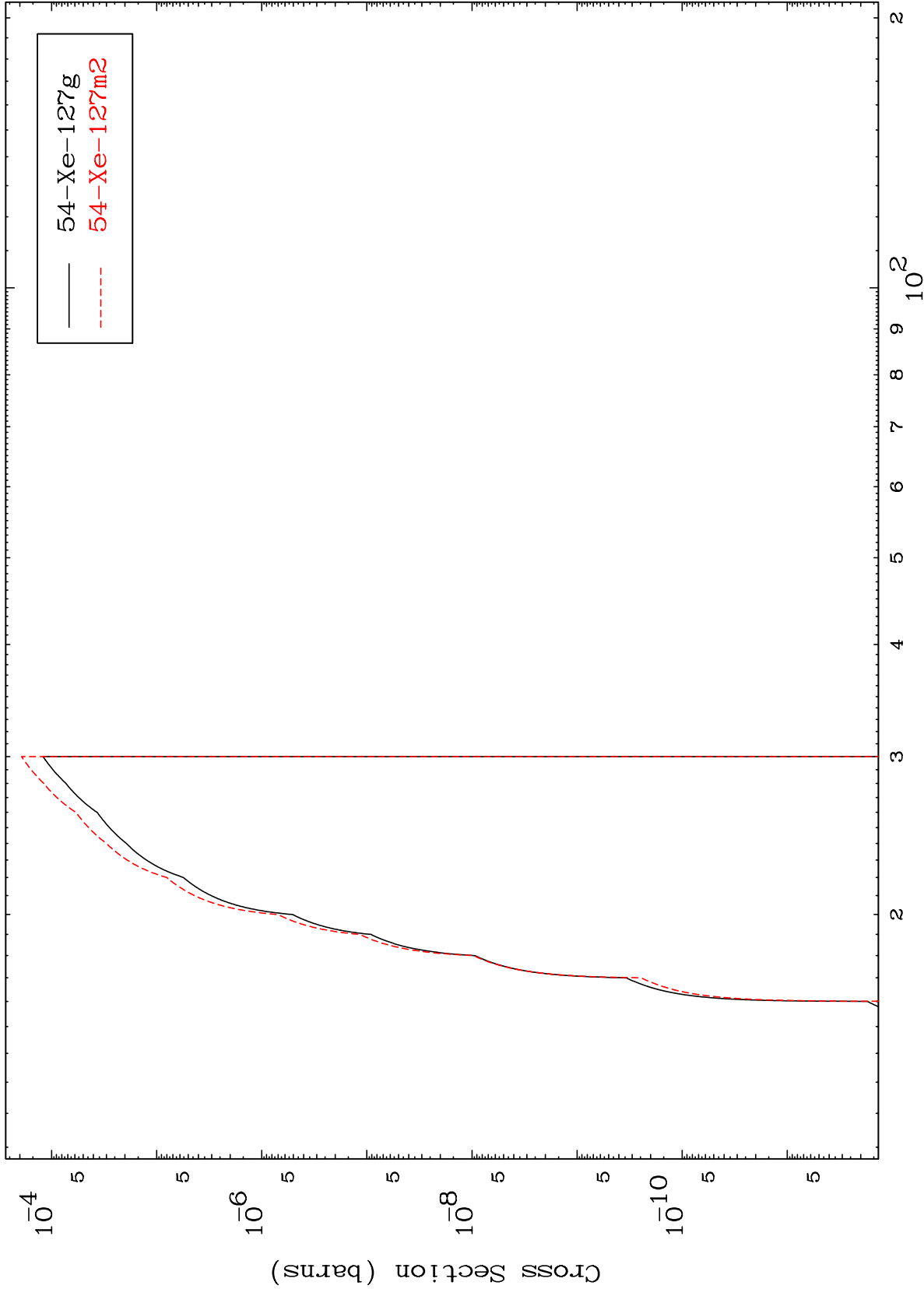
Incident Energy (MeV)

14

MAT 5429

54-Xe-125m

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

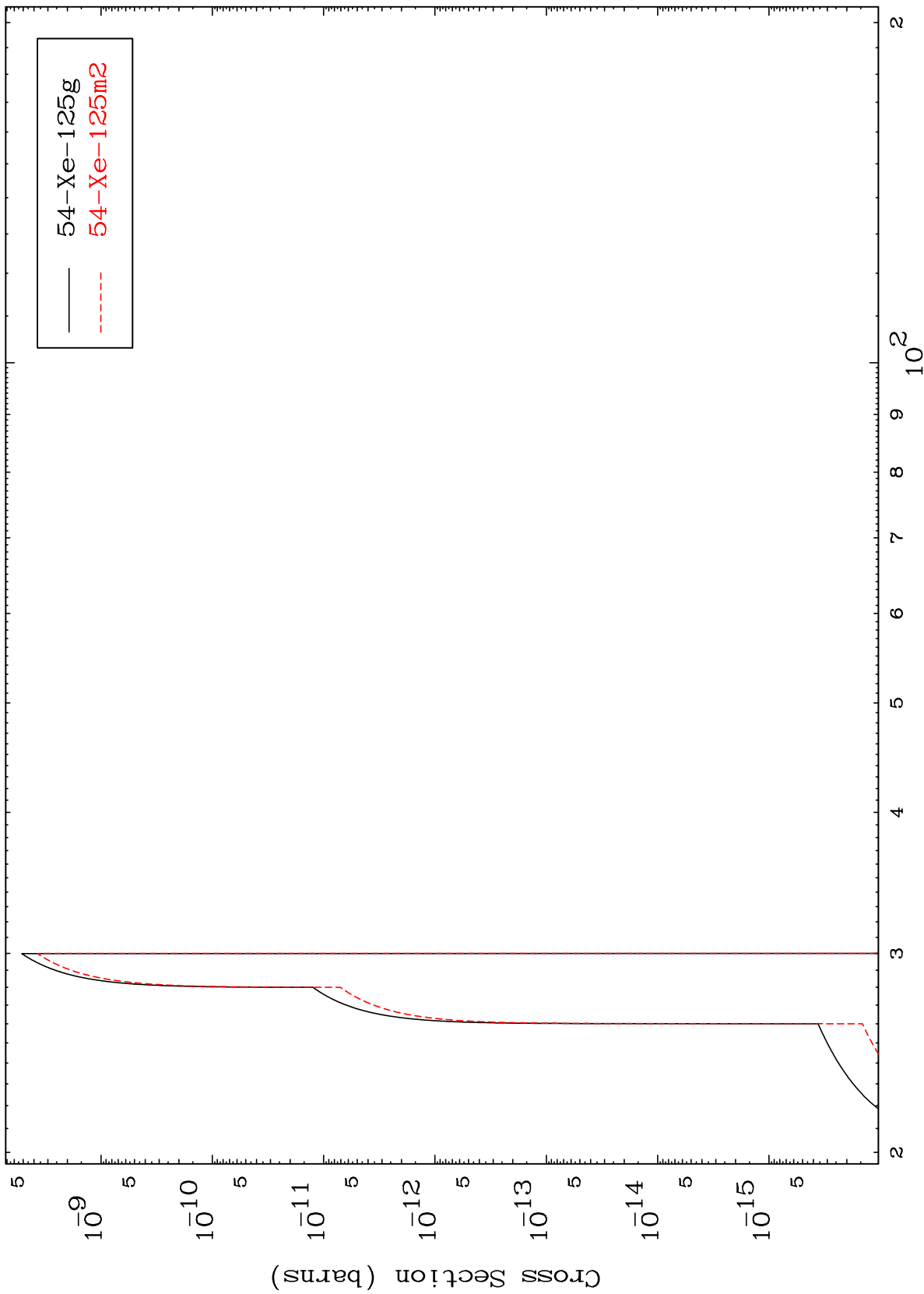
54-Xe-125m

MAT 5429

(n,p) t

54-Xe-125m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-125m