

Program EVALPLOT
(Version 2021-1)

by

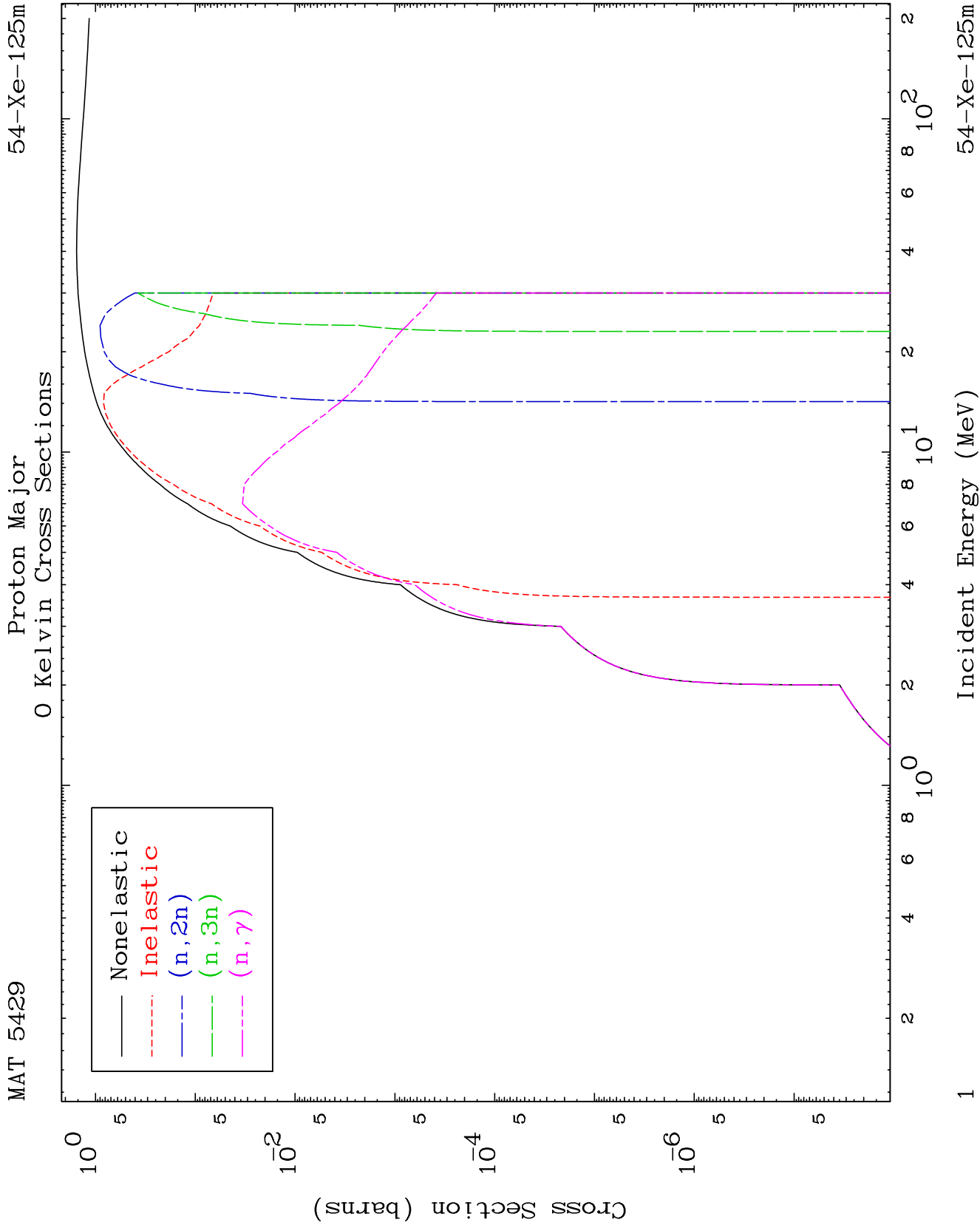
Dermott E. Cullen
(Present Contact Information)

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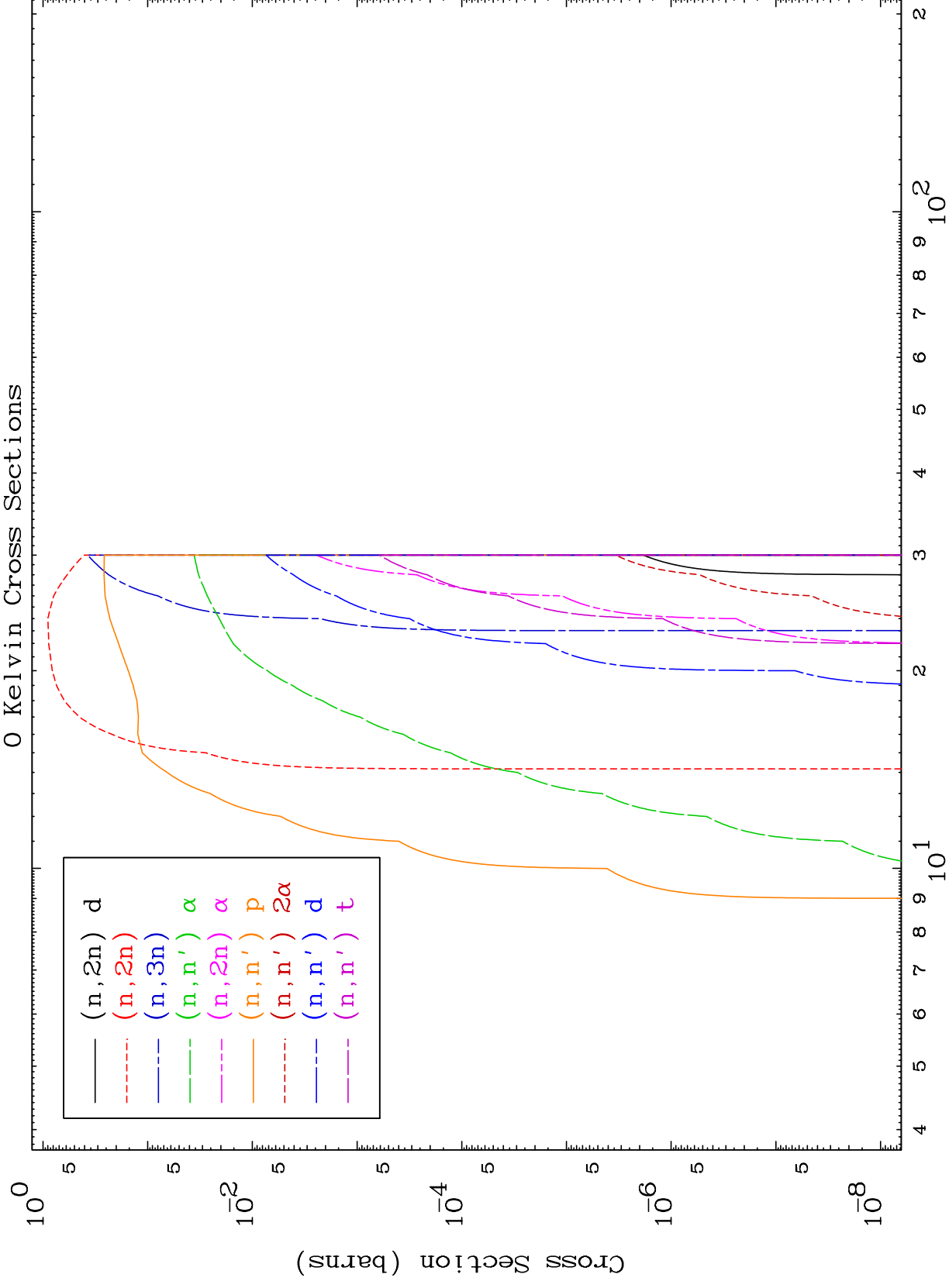
Press Mouse Button to Start



MAT 5429

Proton Neutron Absorption
0 Kelvin Cross Sections

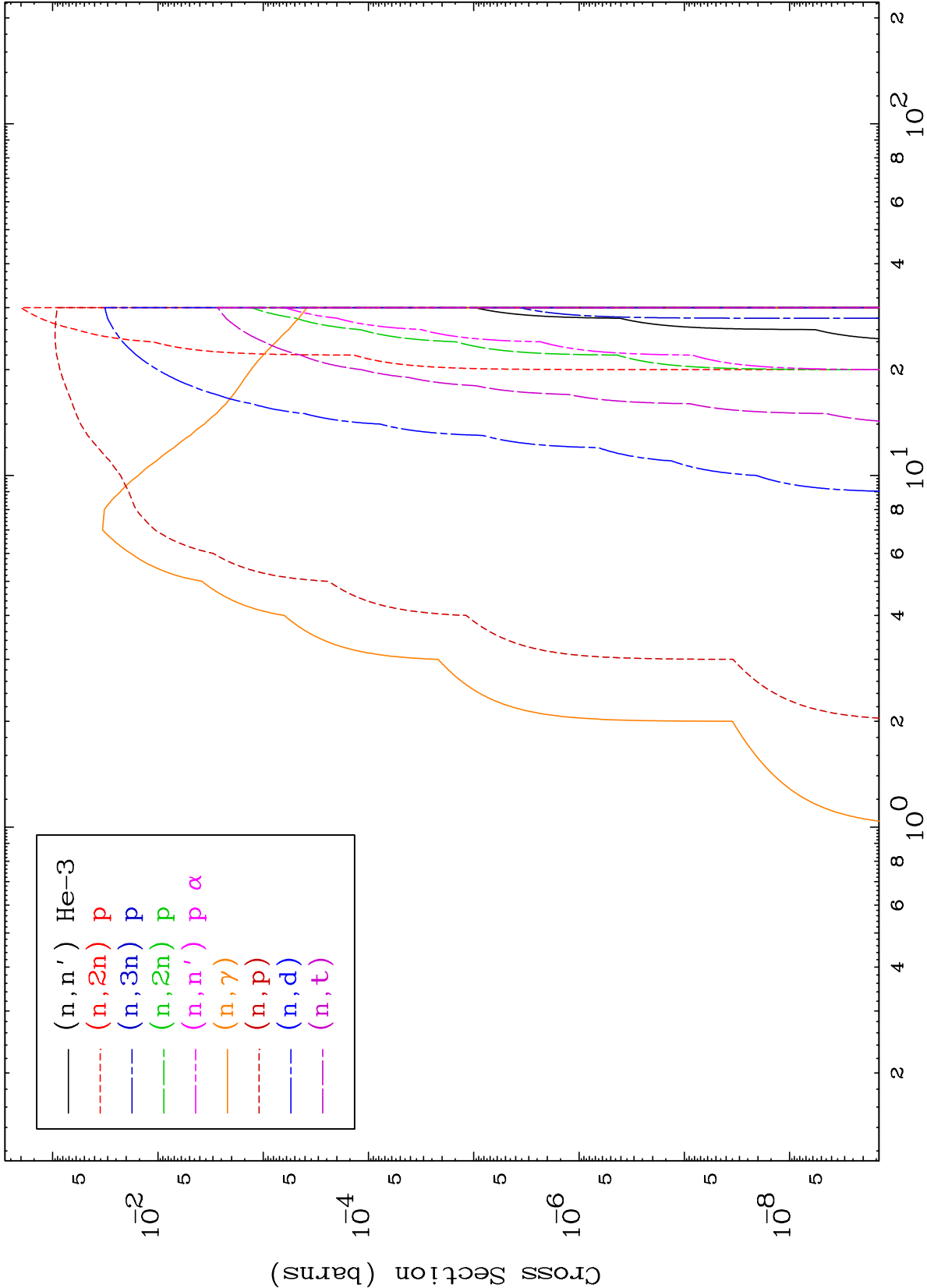
54-Xe-125m

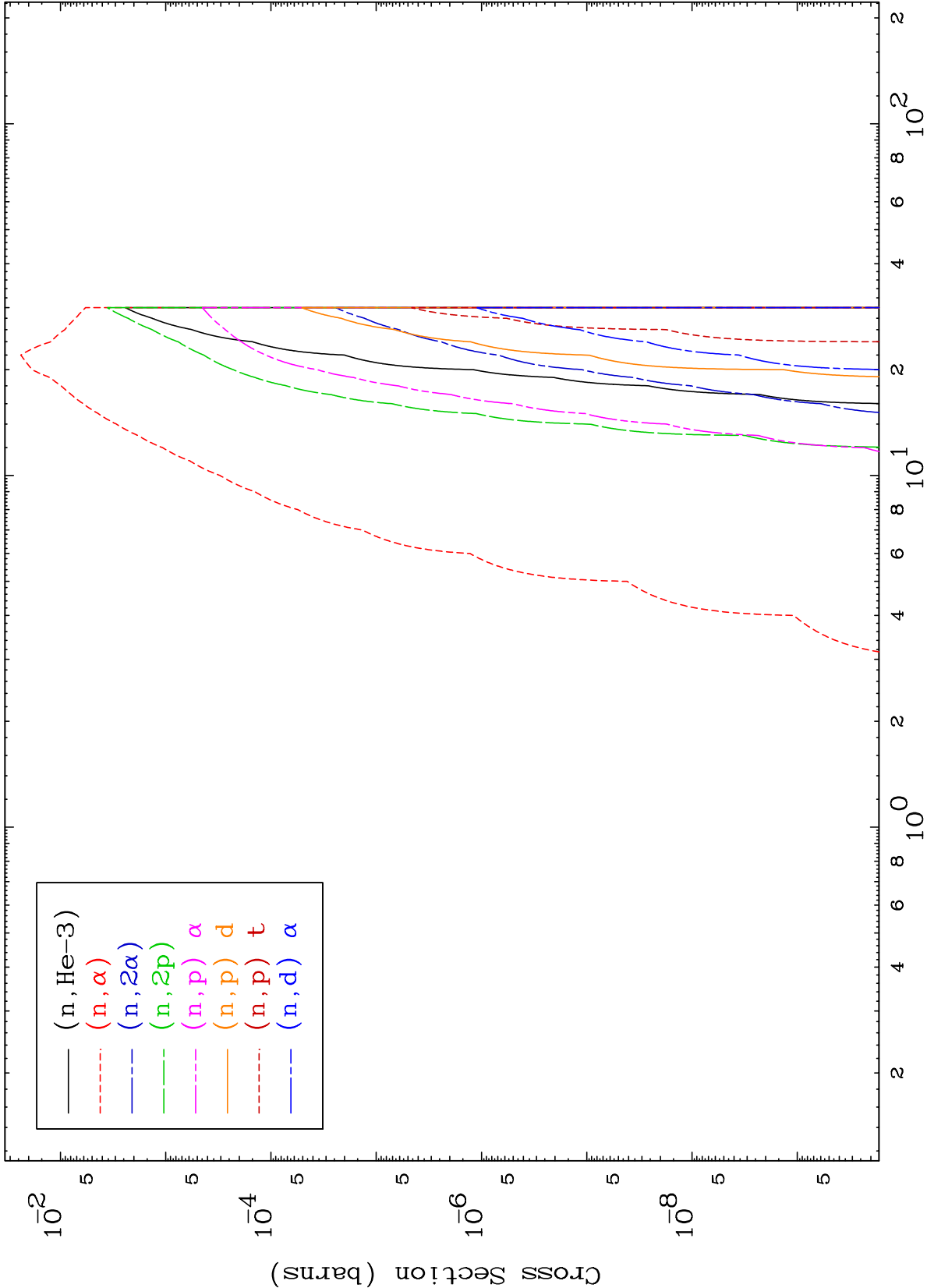


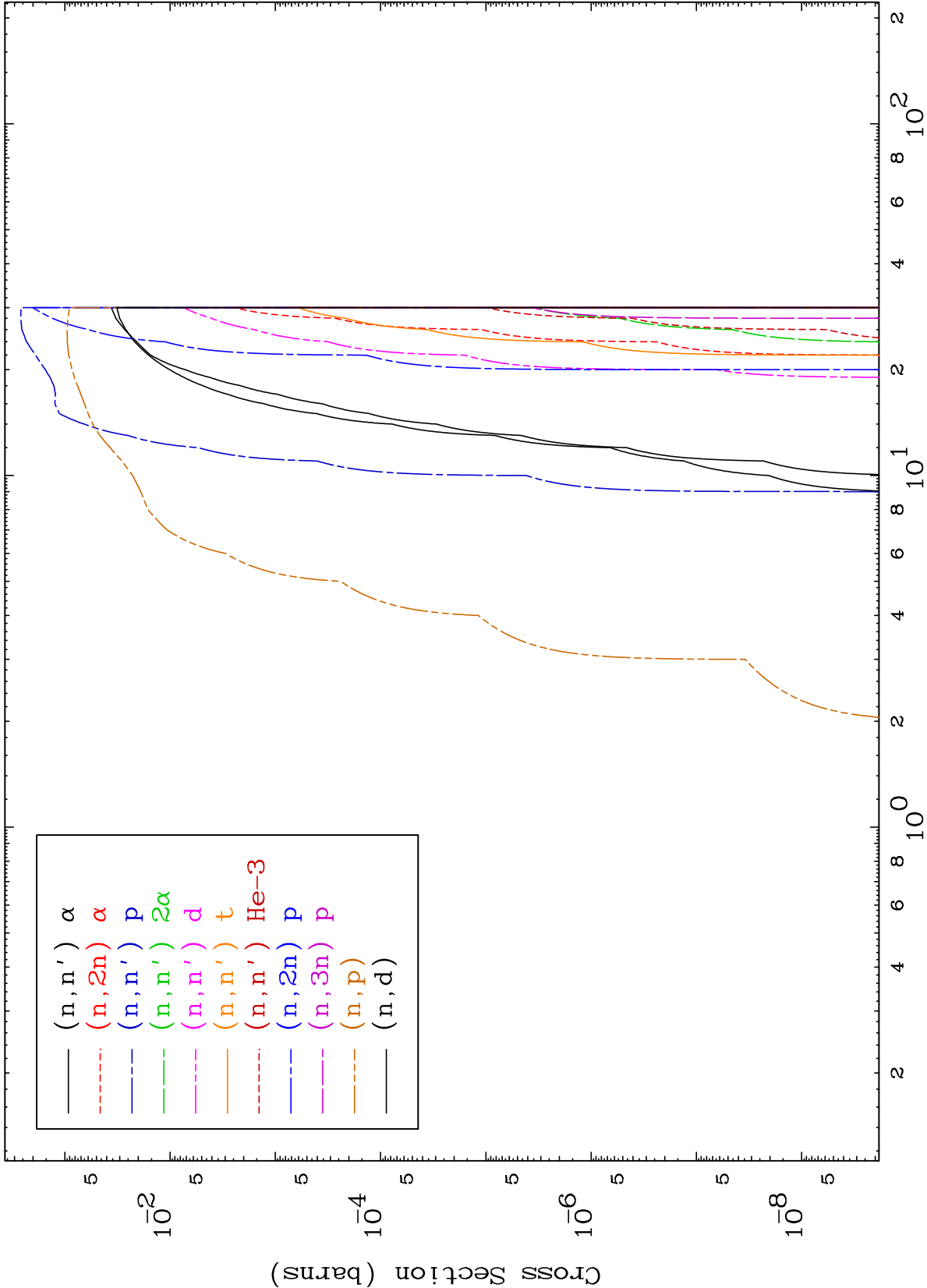
2

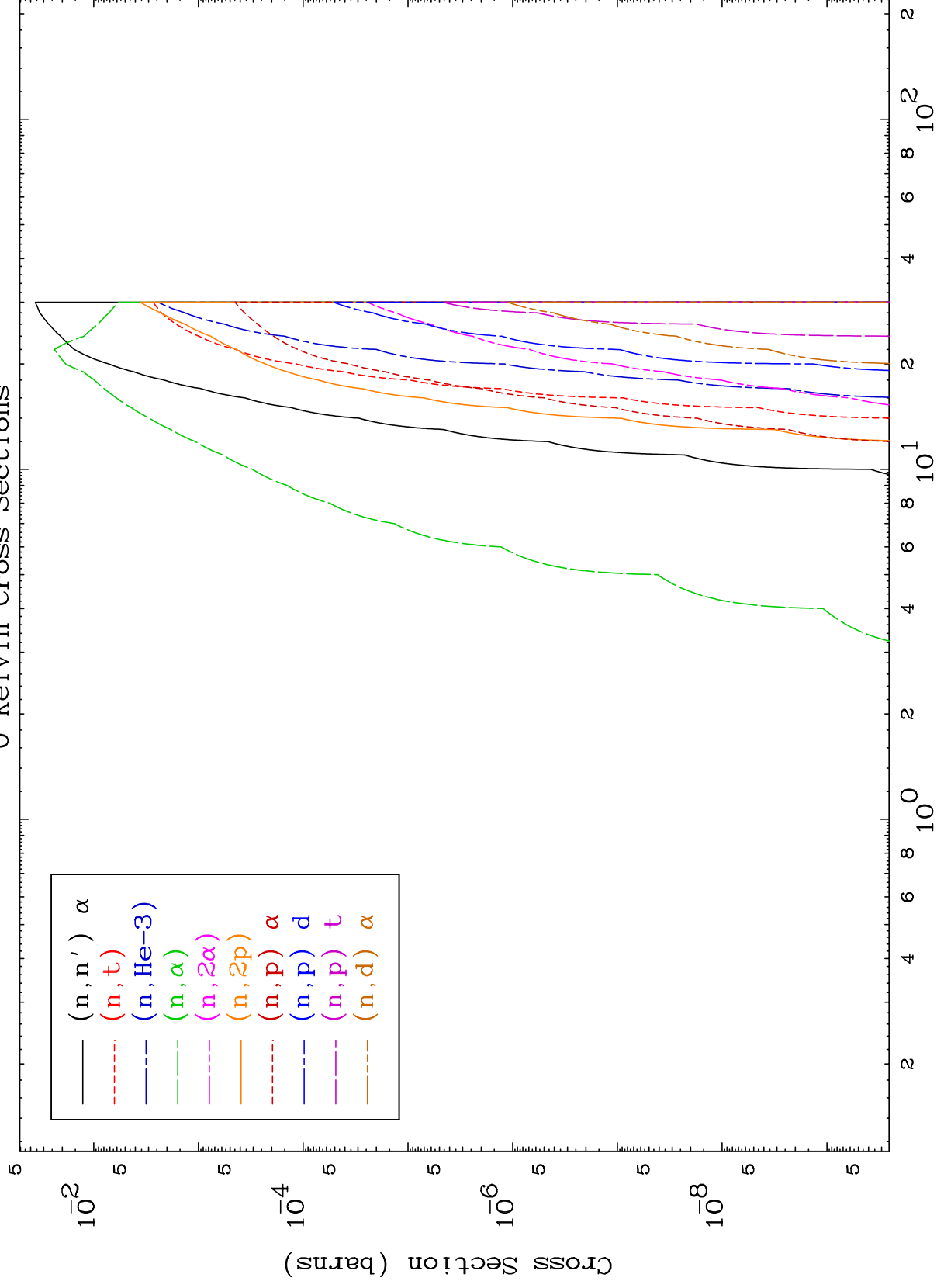
Incident Energy (MeV)

54-Xe-125m





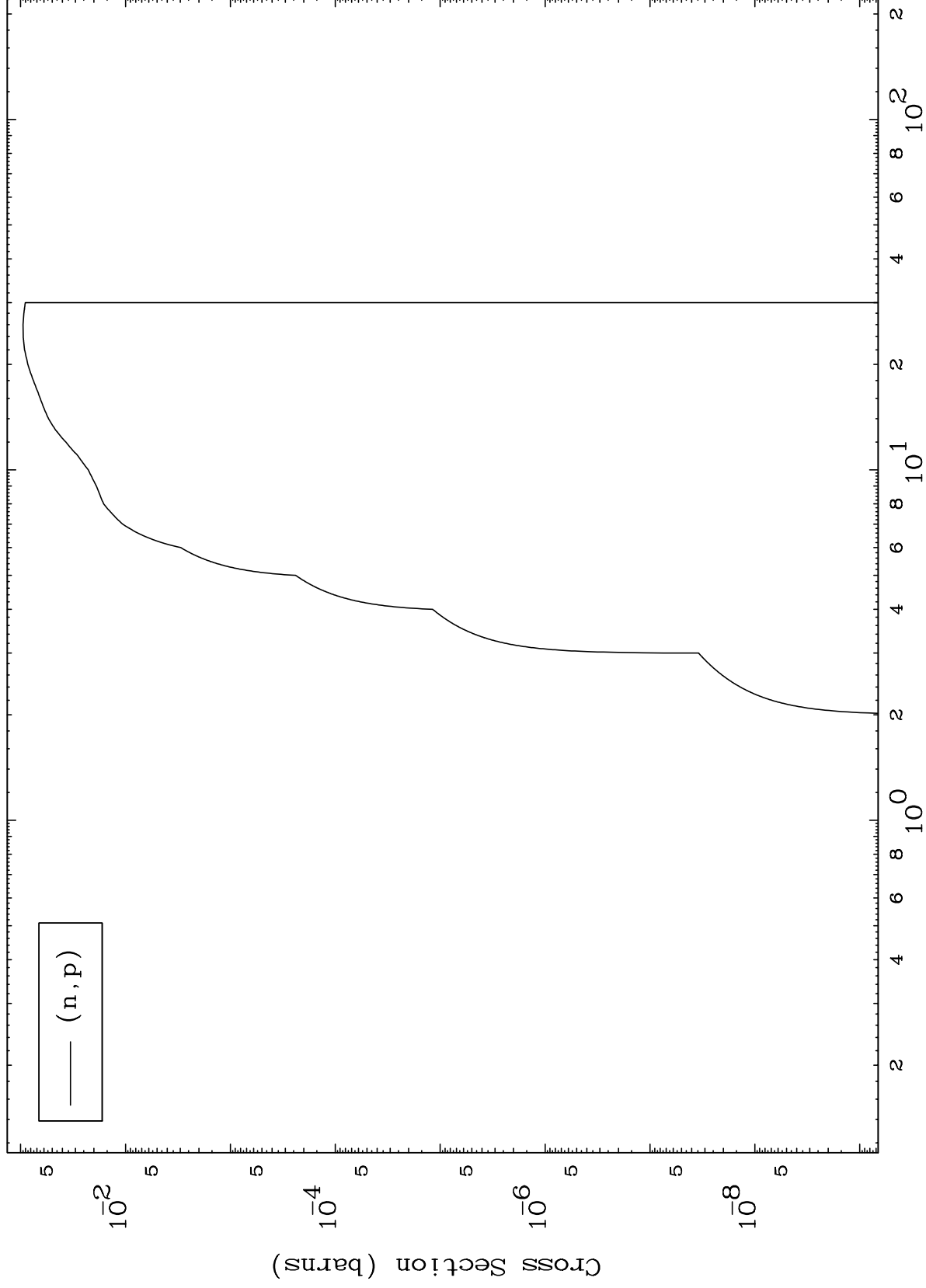




MAT 5429

54-Xe-125m

(p,p) Levels
0 Kelvin Cross Sections



7

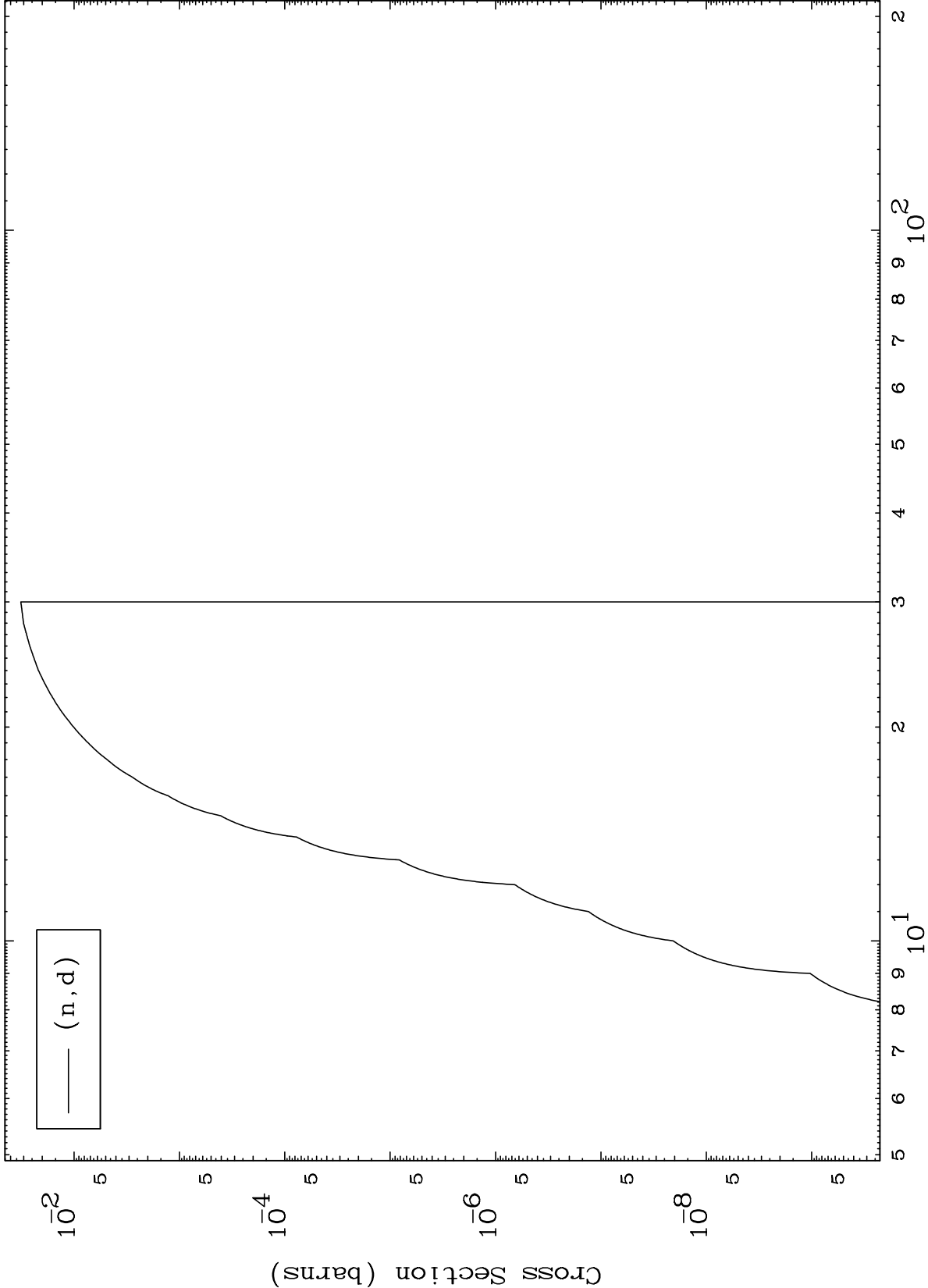
Incident Energy (MeV)

54-Xe-125m

MAT 5429

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-125m



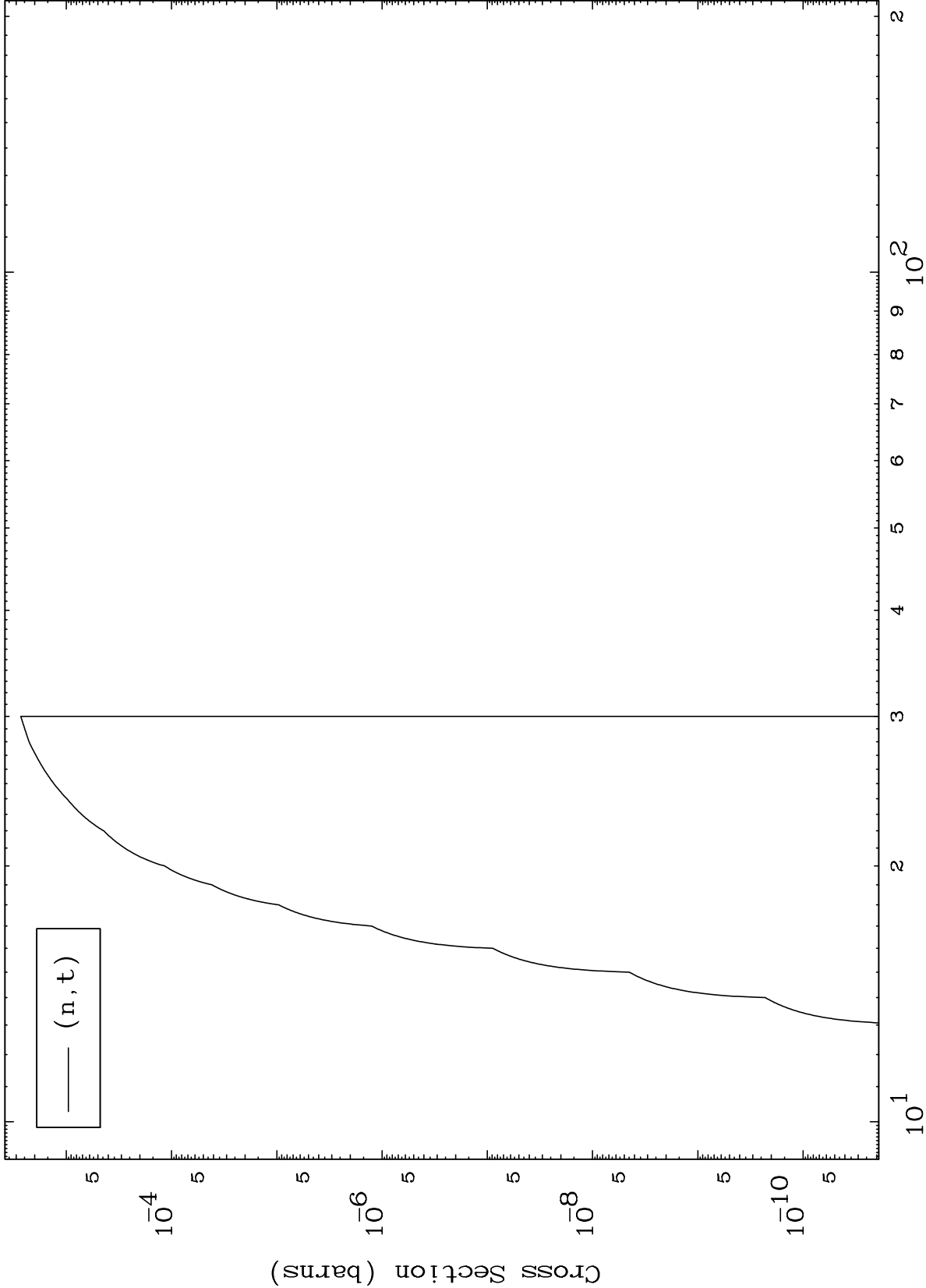
Incident Energy (MeV)

54-Xe-125m

MAT 5429

(p,t) Levels
0 Kelvin Cross Sections

54-Xe-125m



54-Xe-125m

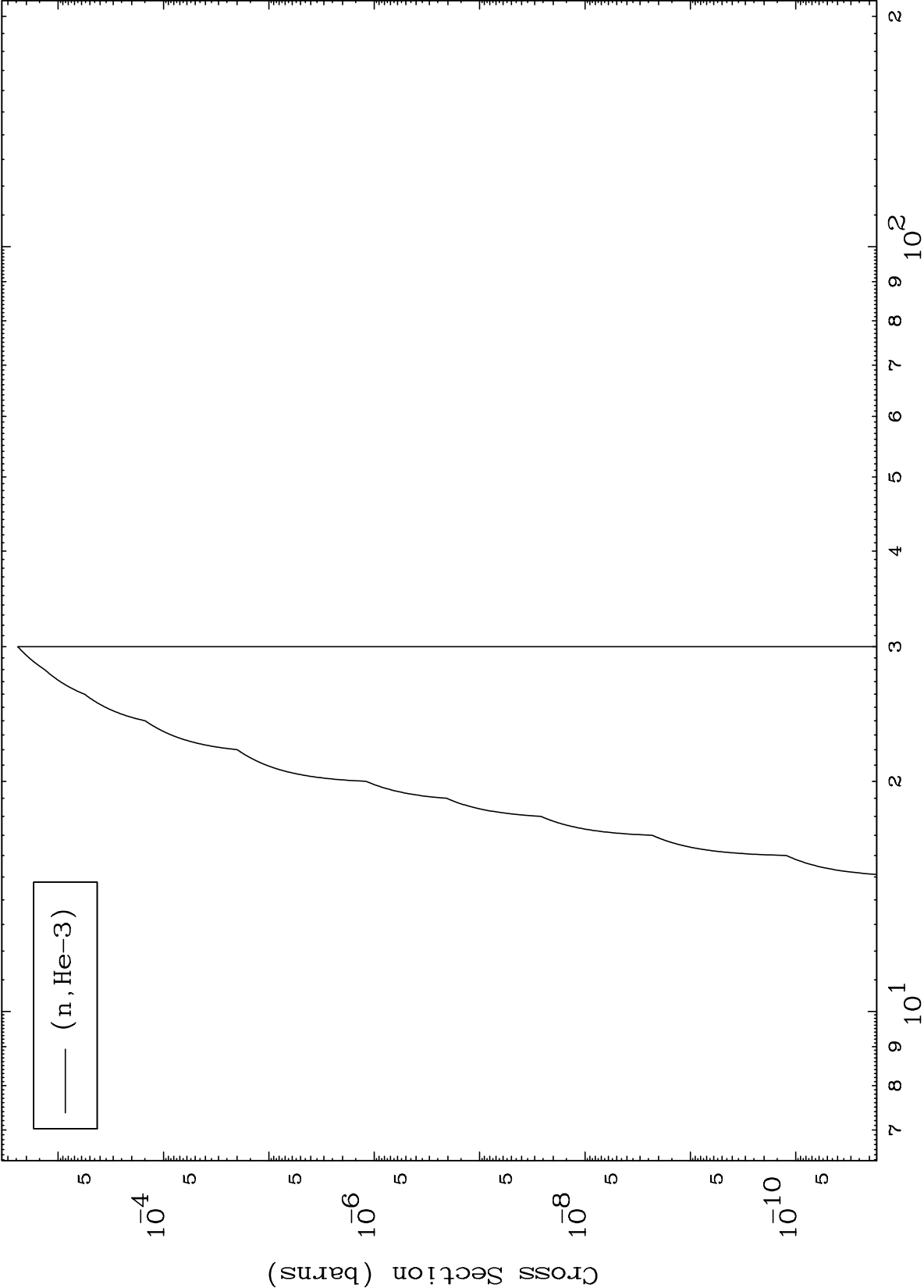
Incident Energy (MeV)

MAT 5429

(p,He3) Levels

54-Xe-125m

0 Kelvin Cross Sections



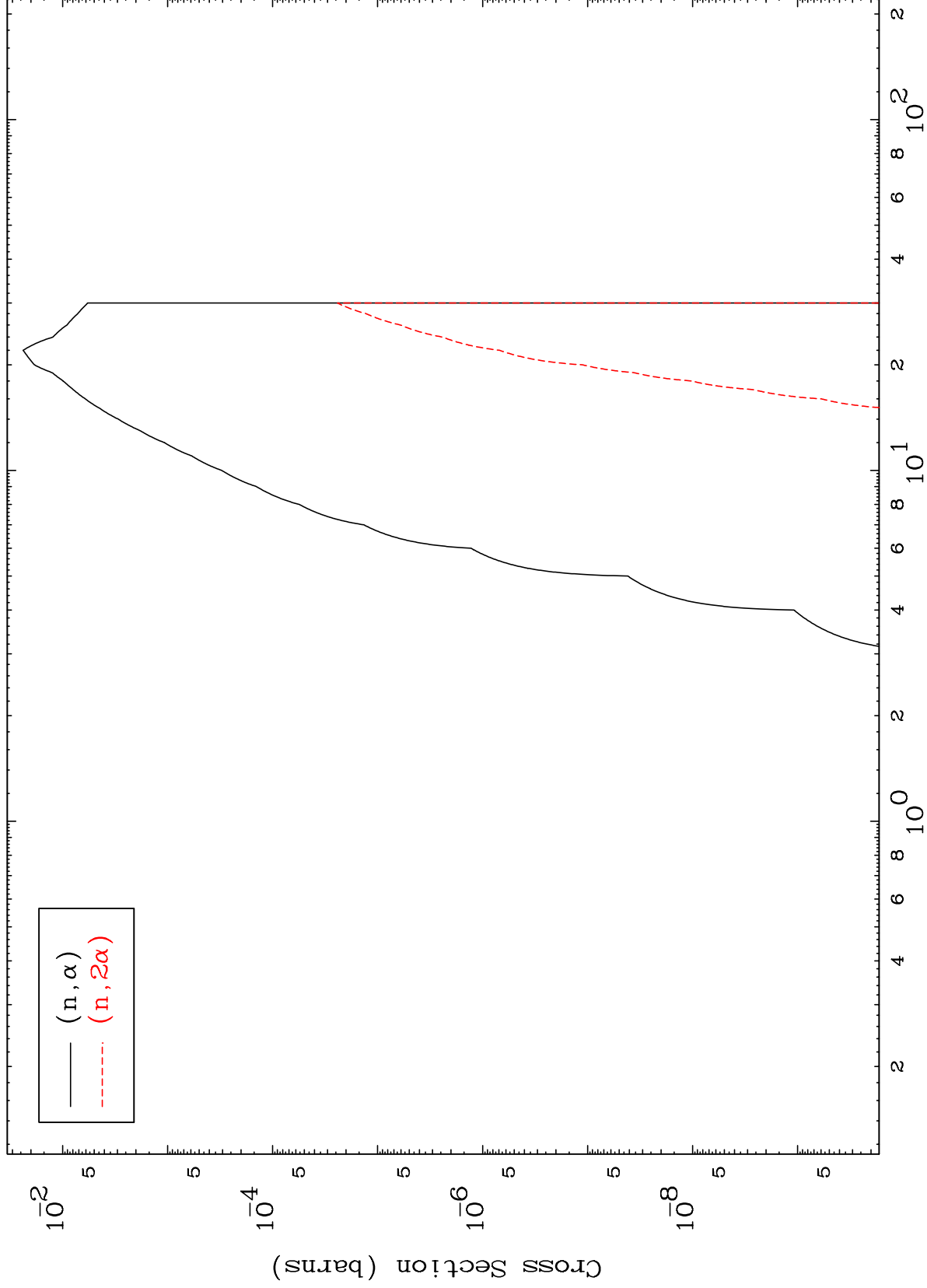
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

(p, α) Levels
0 Kelvin Cross Sections

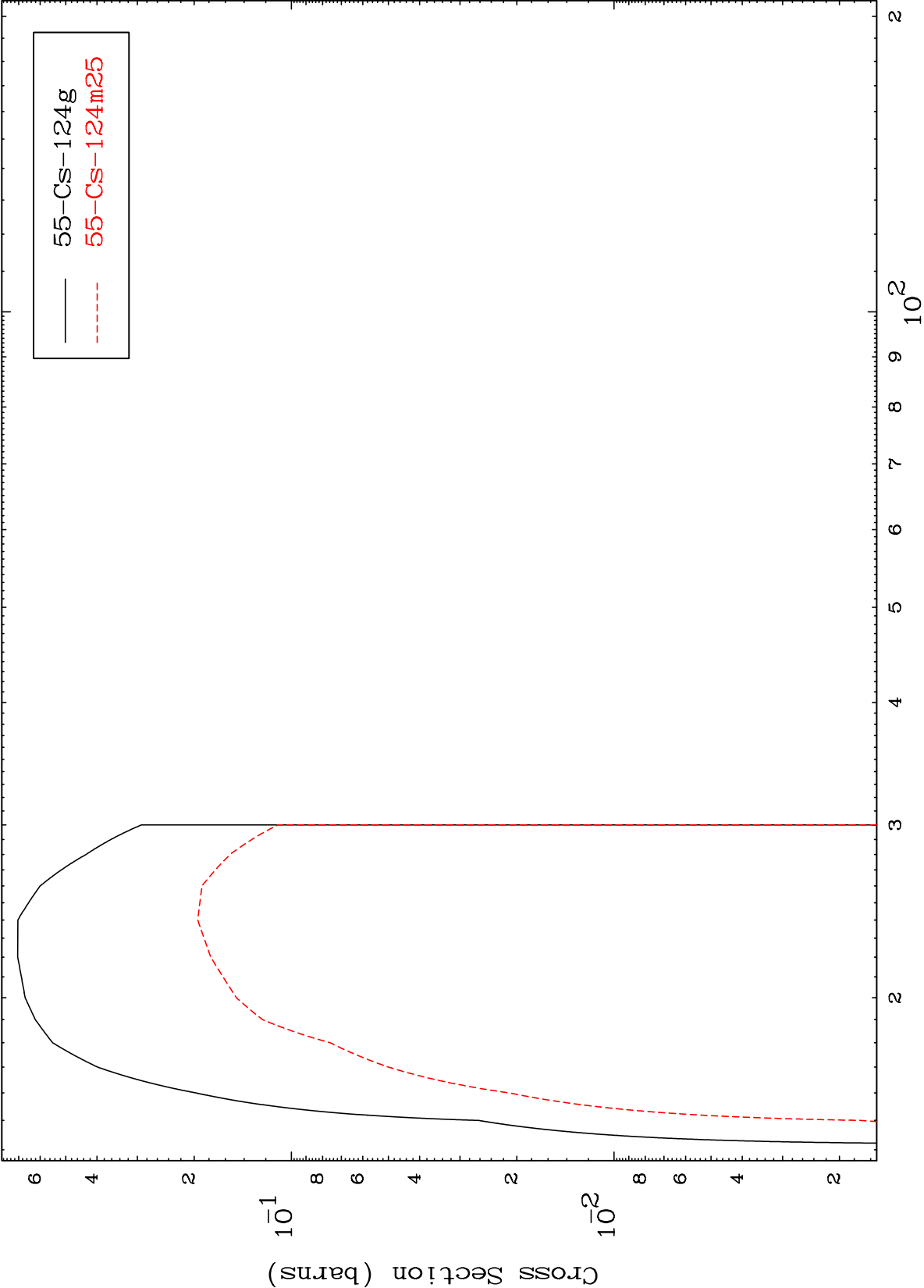


MAT 5429

(n,2n)

54-Xe-125m

Radionuclide Production Cross Section



12

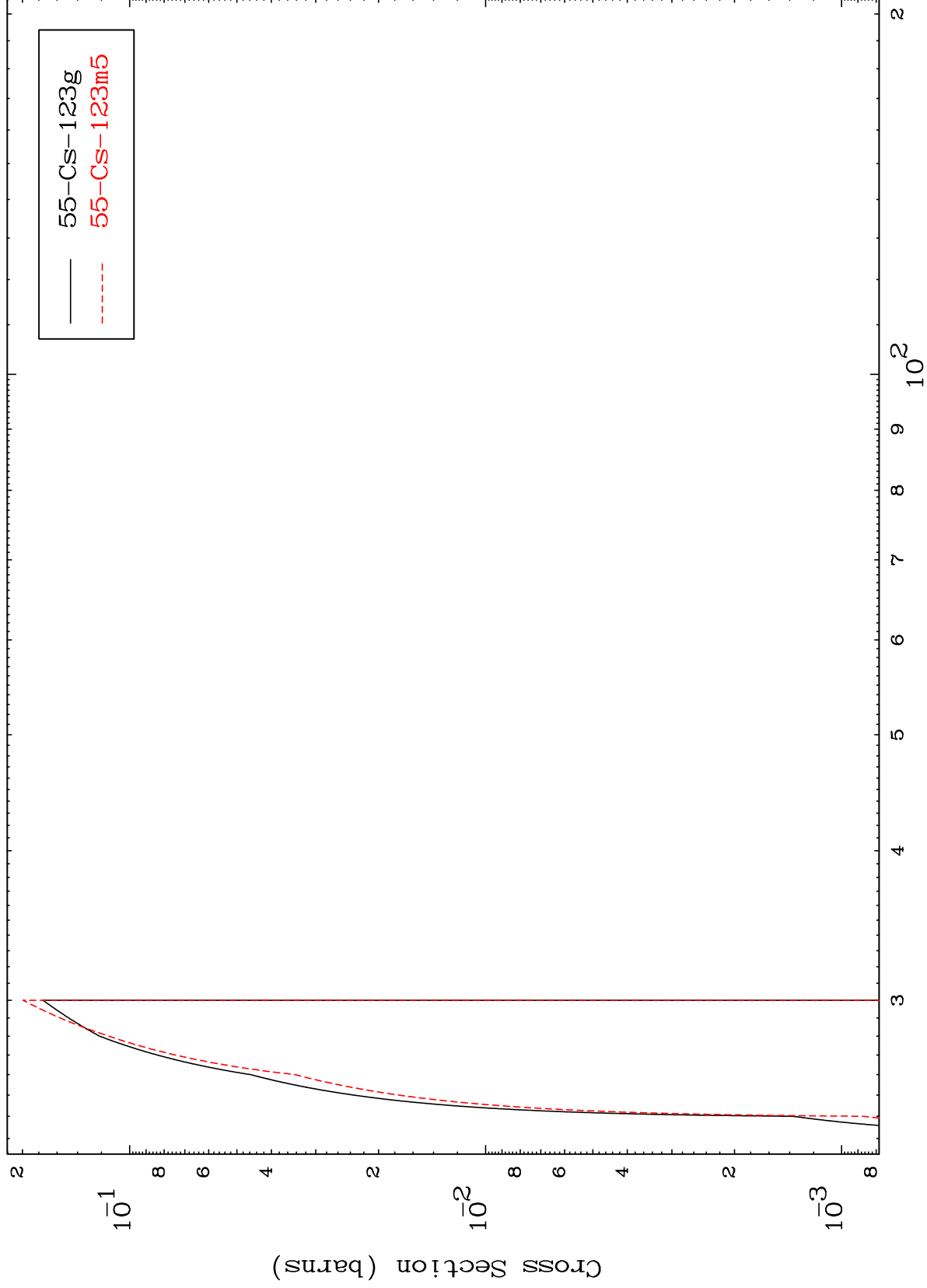
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

(n,3n)
Radionuclide Production Cross Section



54-Xe-125m

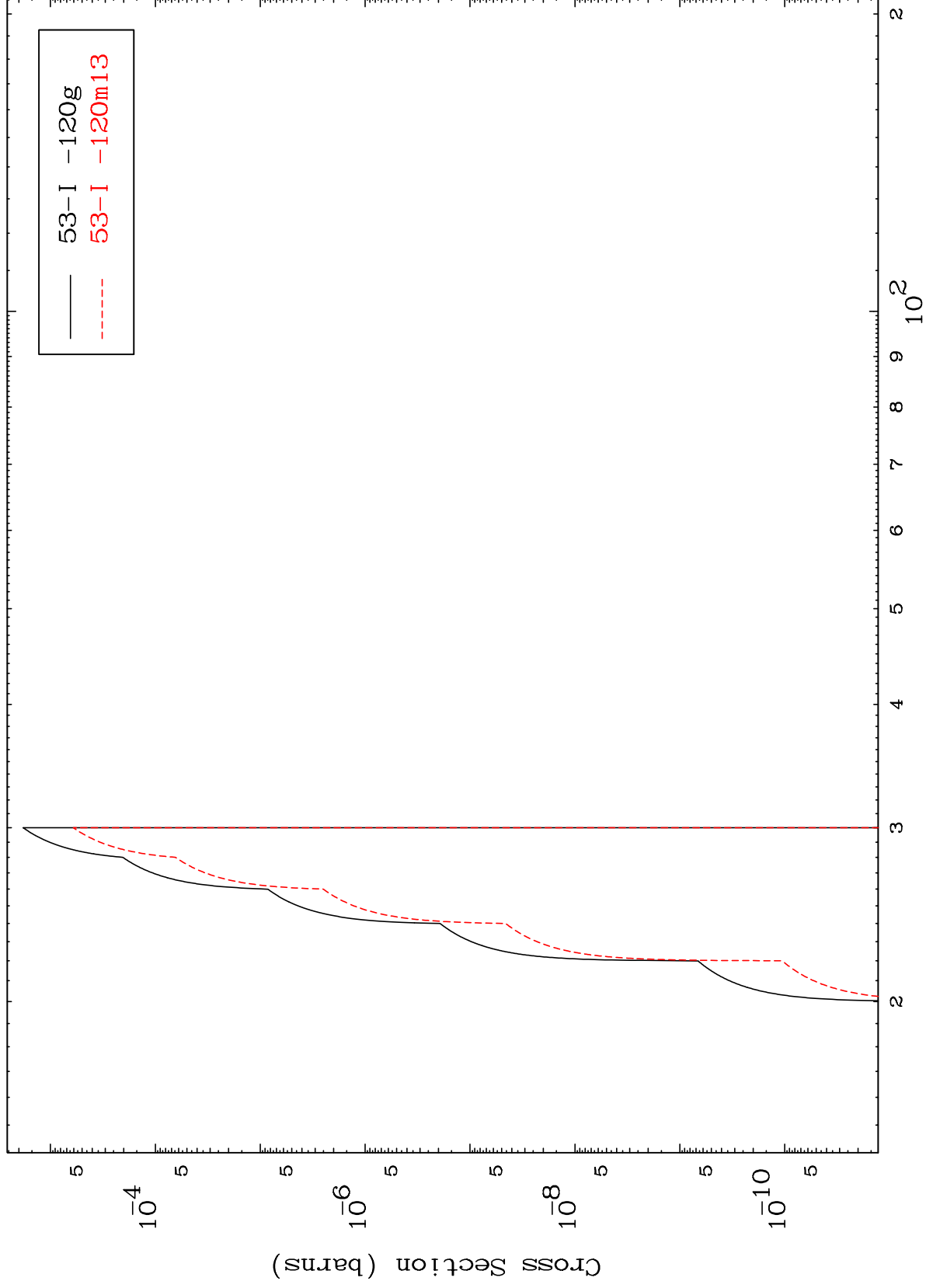
Incident Energy (MeV)

13

MAT 5429

54-Xe-125m

$(n,2n) \alpha$
Radionuclide Production Cross Section



14

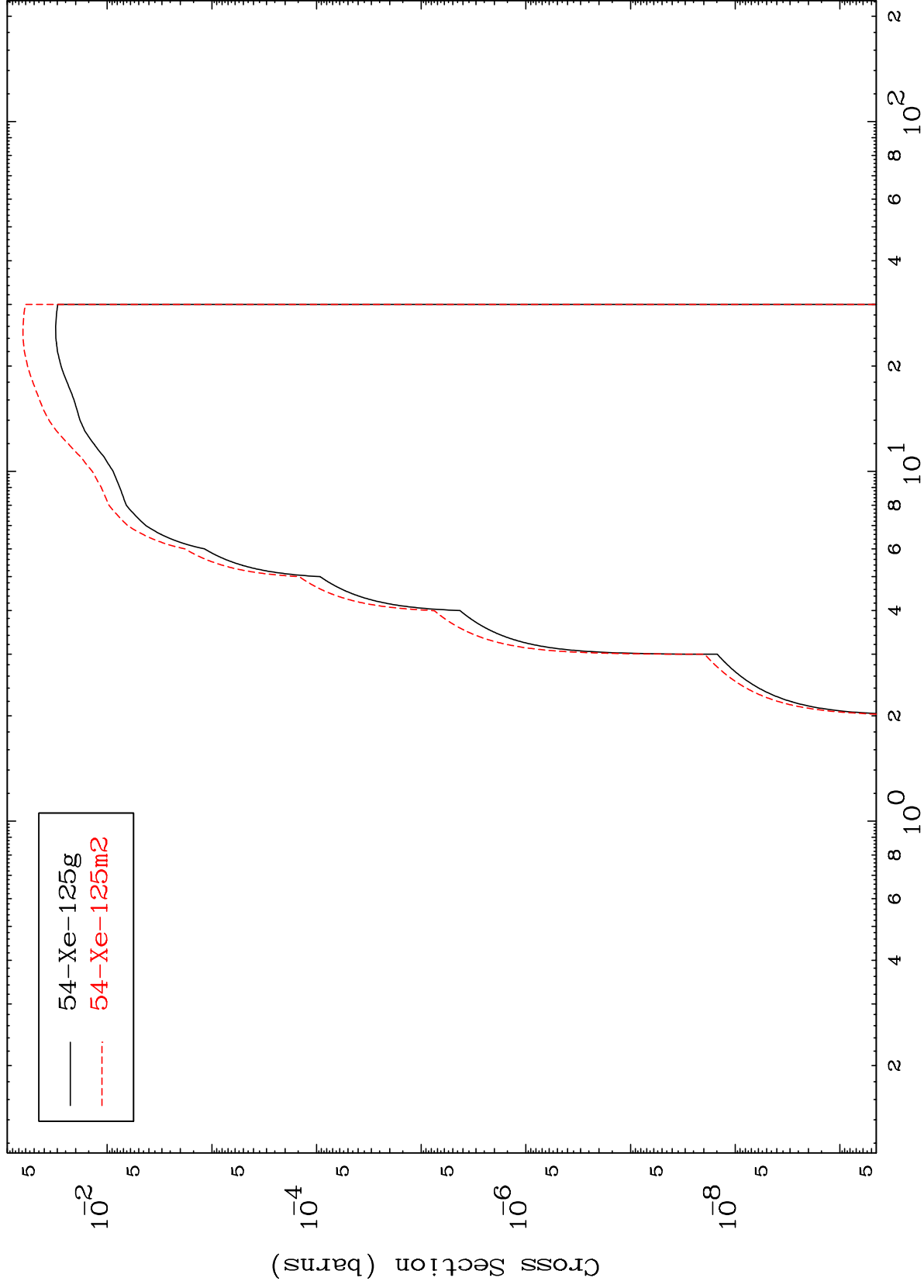
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

Radionuclide Production Cross Section
(n,p)



54-Xe-125m

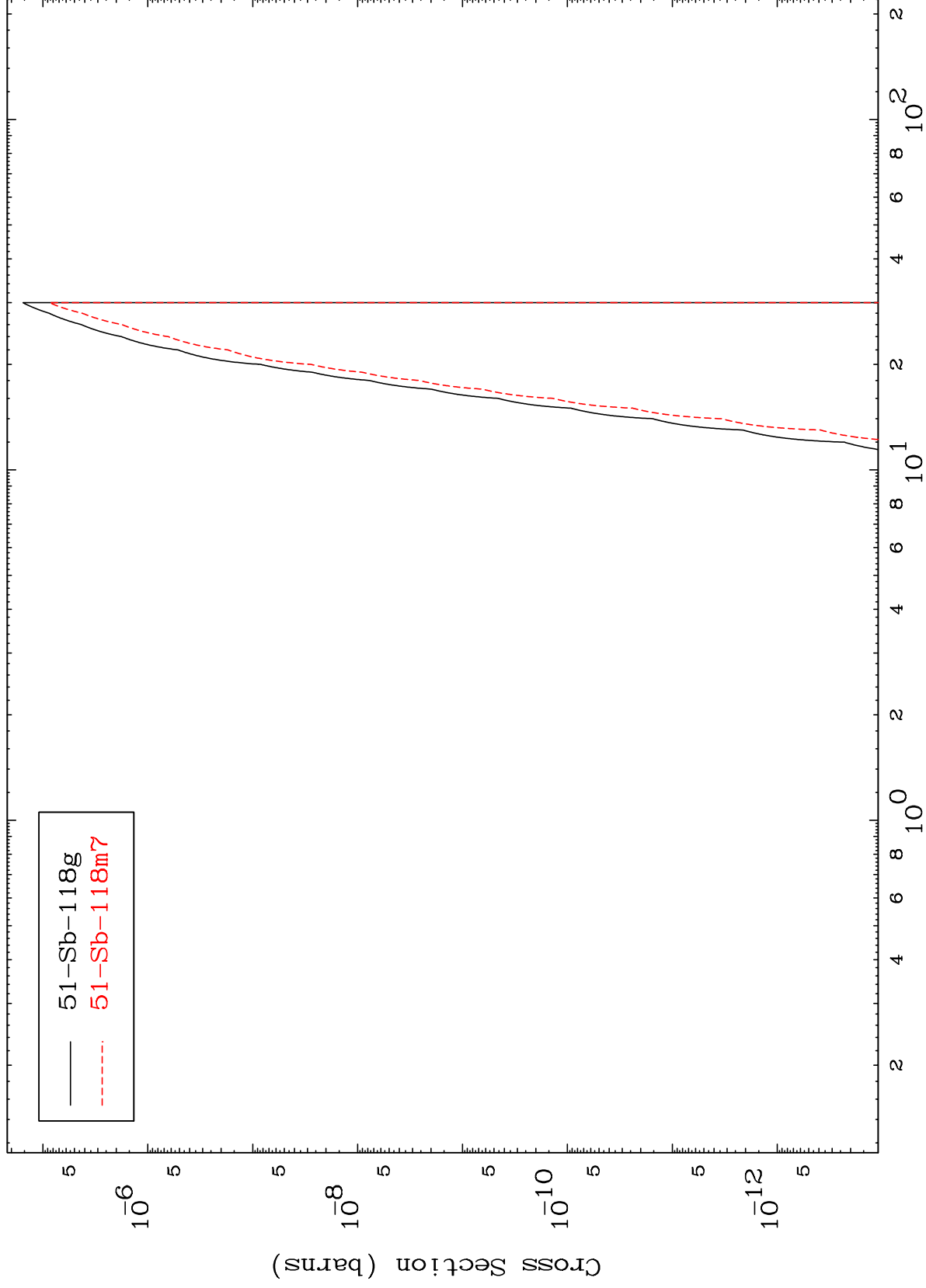
Incident Energy (MeV)

15

MAT 5429

54-Xe-125m

Radionuclide Production Cross Section
(n,2 α)



16

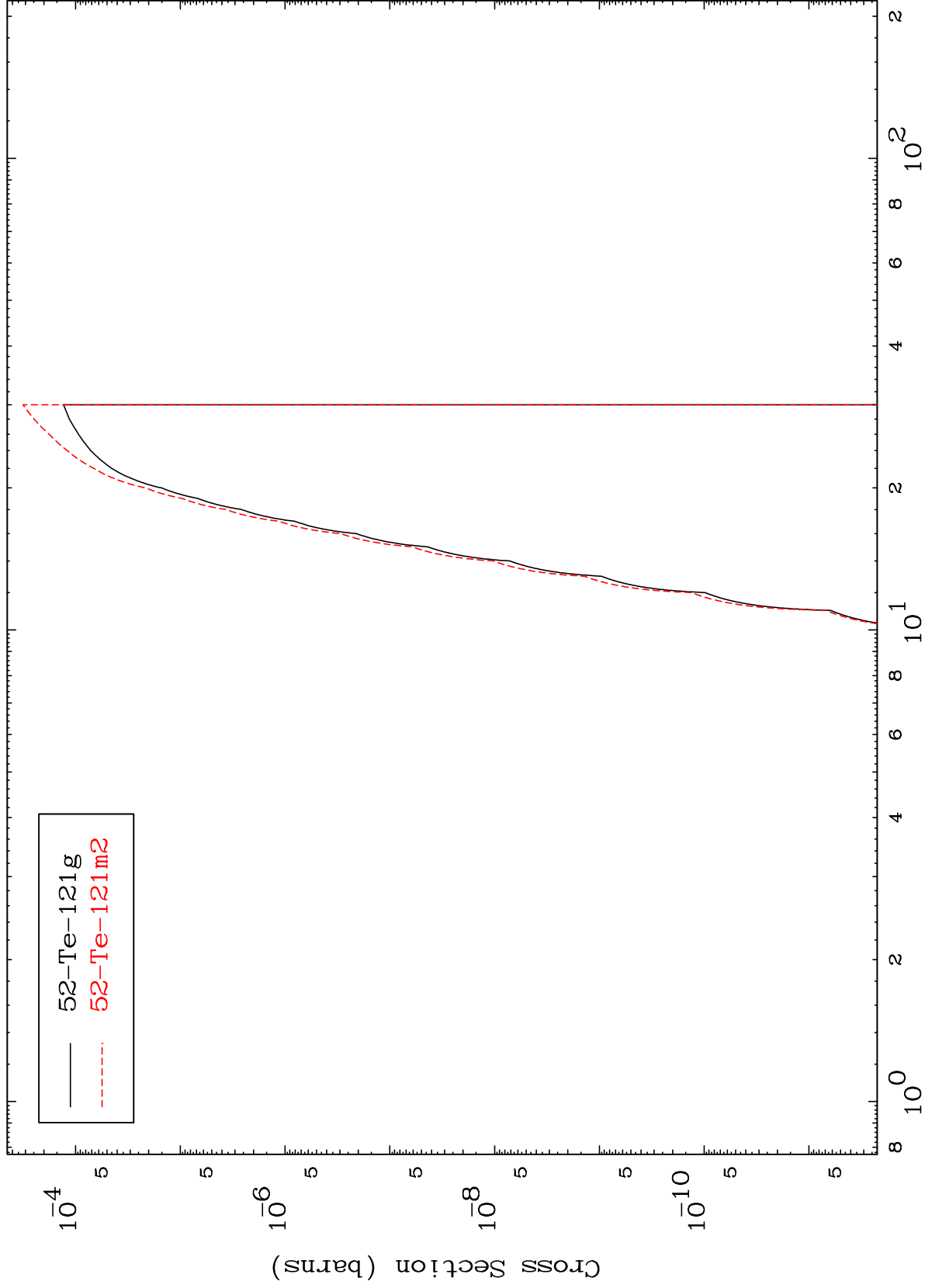
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

(n,p) α
Radionuclide Production Cross Section



54-Xe-125m

Incident Energy (MeV)

17