

Program EVALPLOT
(Version 2021-1)

by

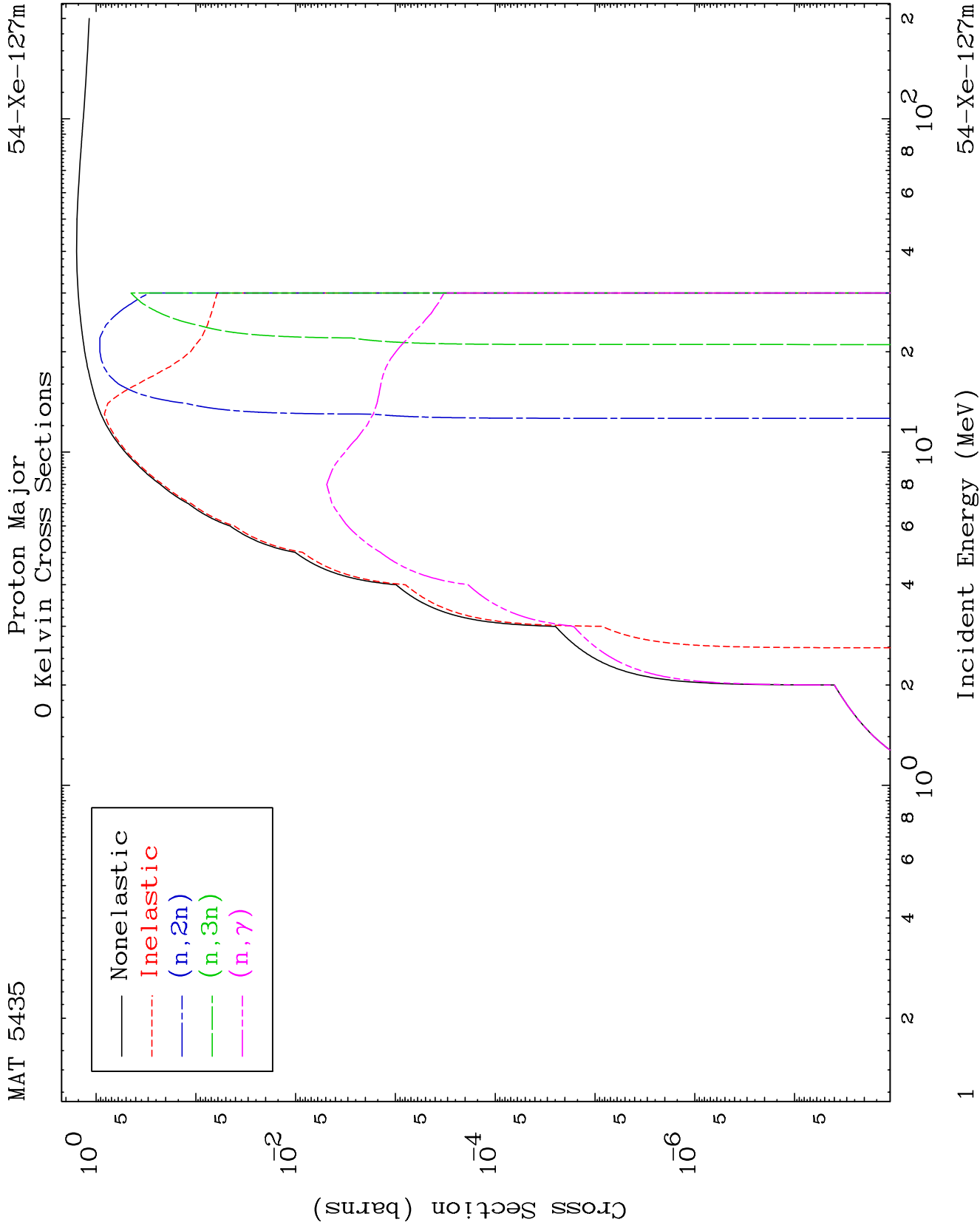
Dermott E. Cullen
(Present Contact Information)

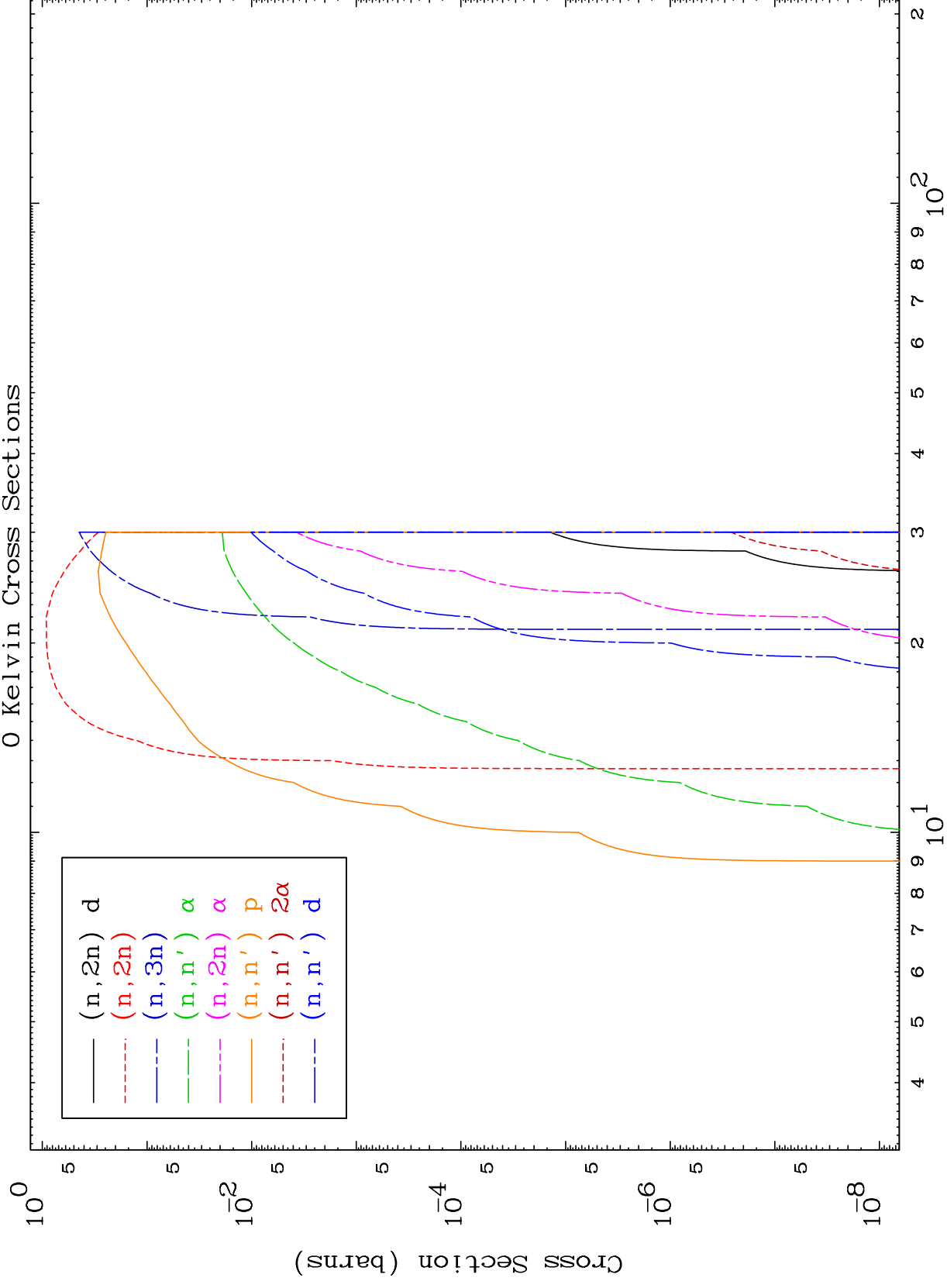
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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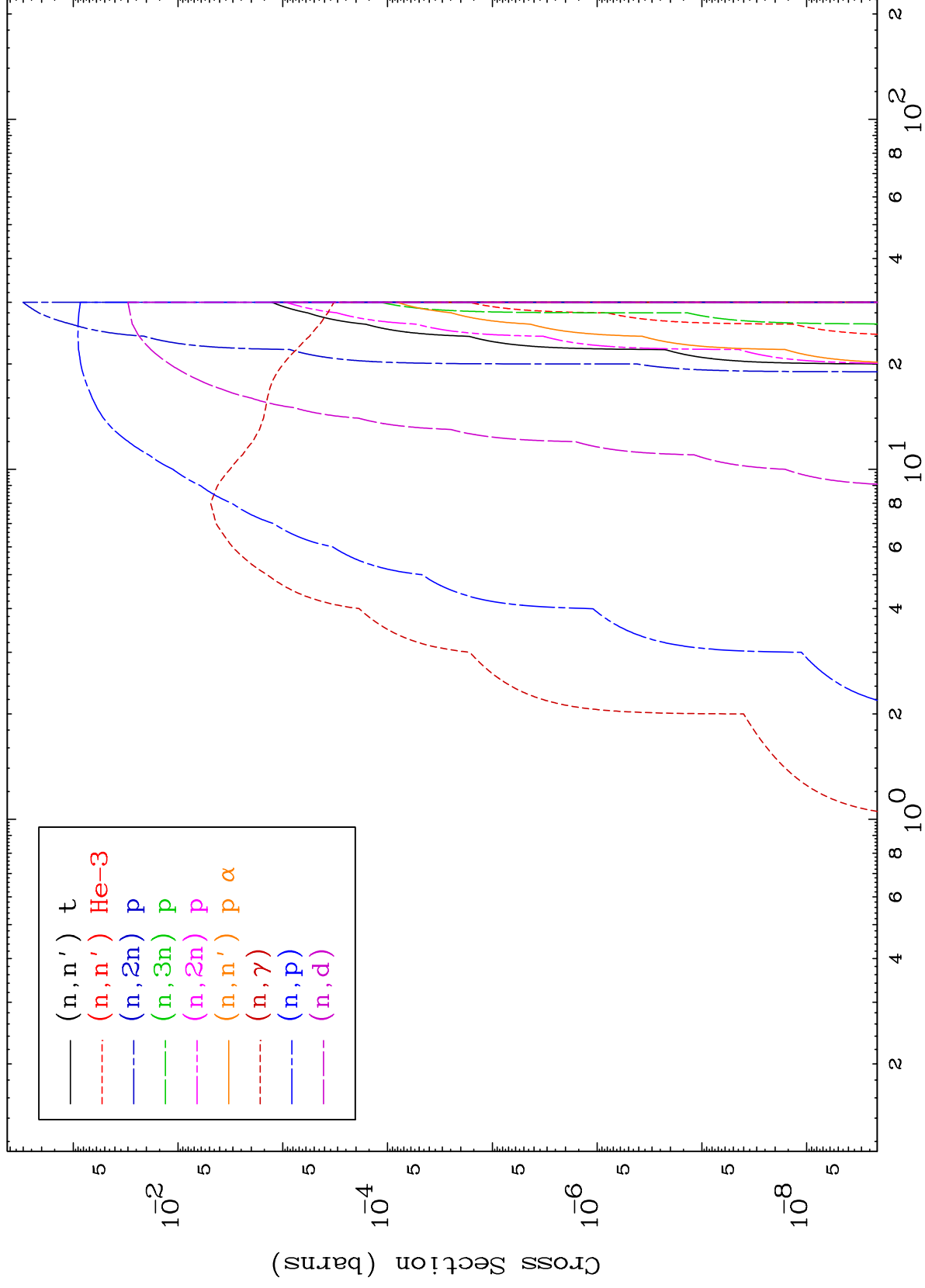
Tele: 925-443-1911

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Press Mouse Button to Start



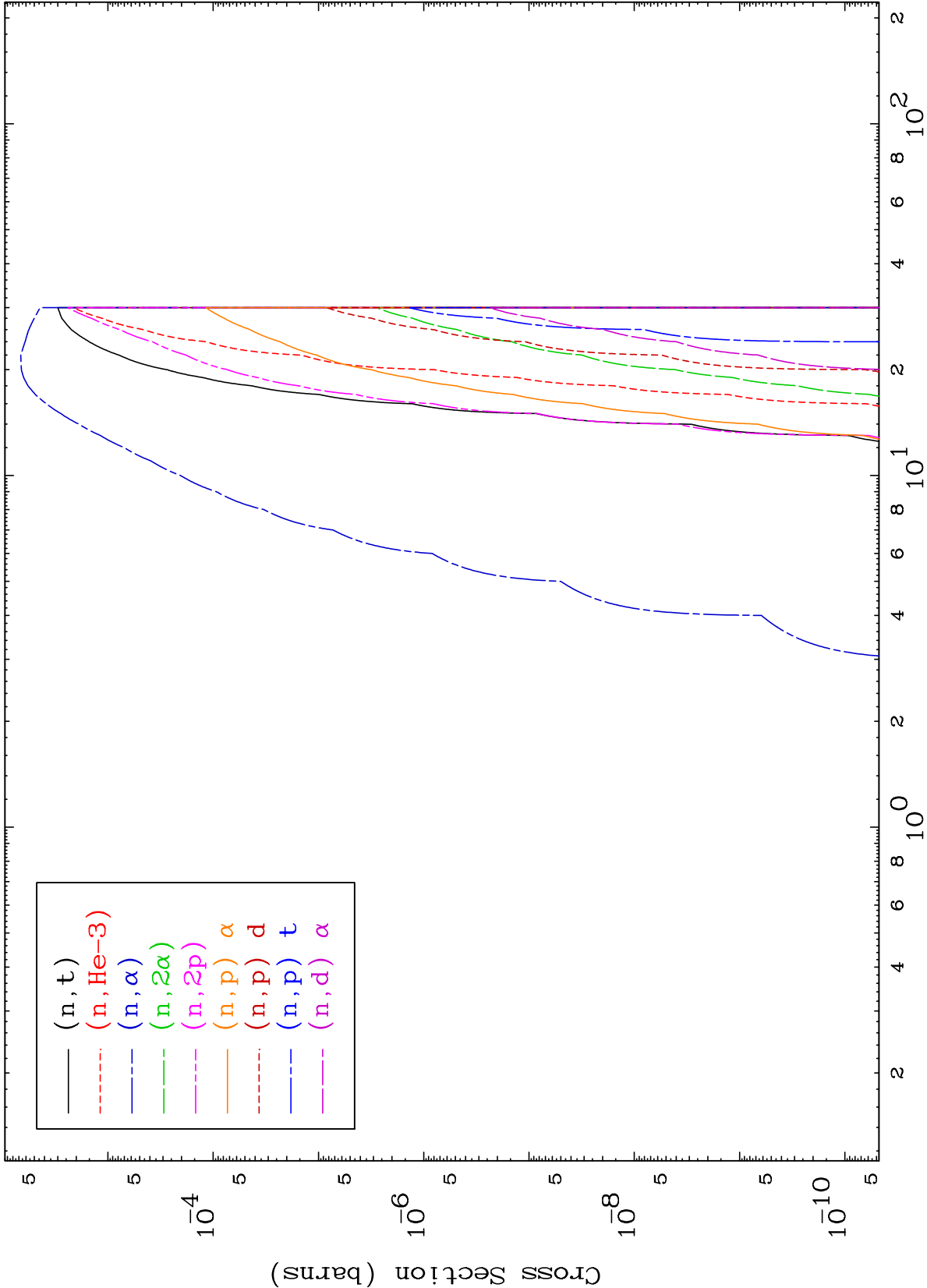


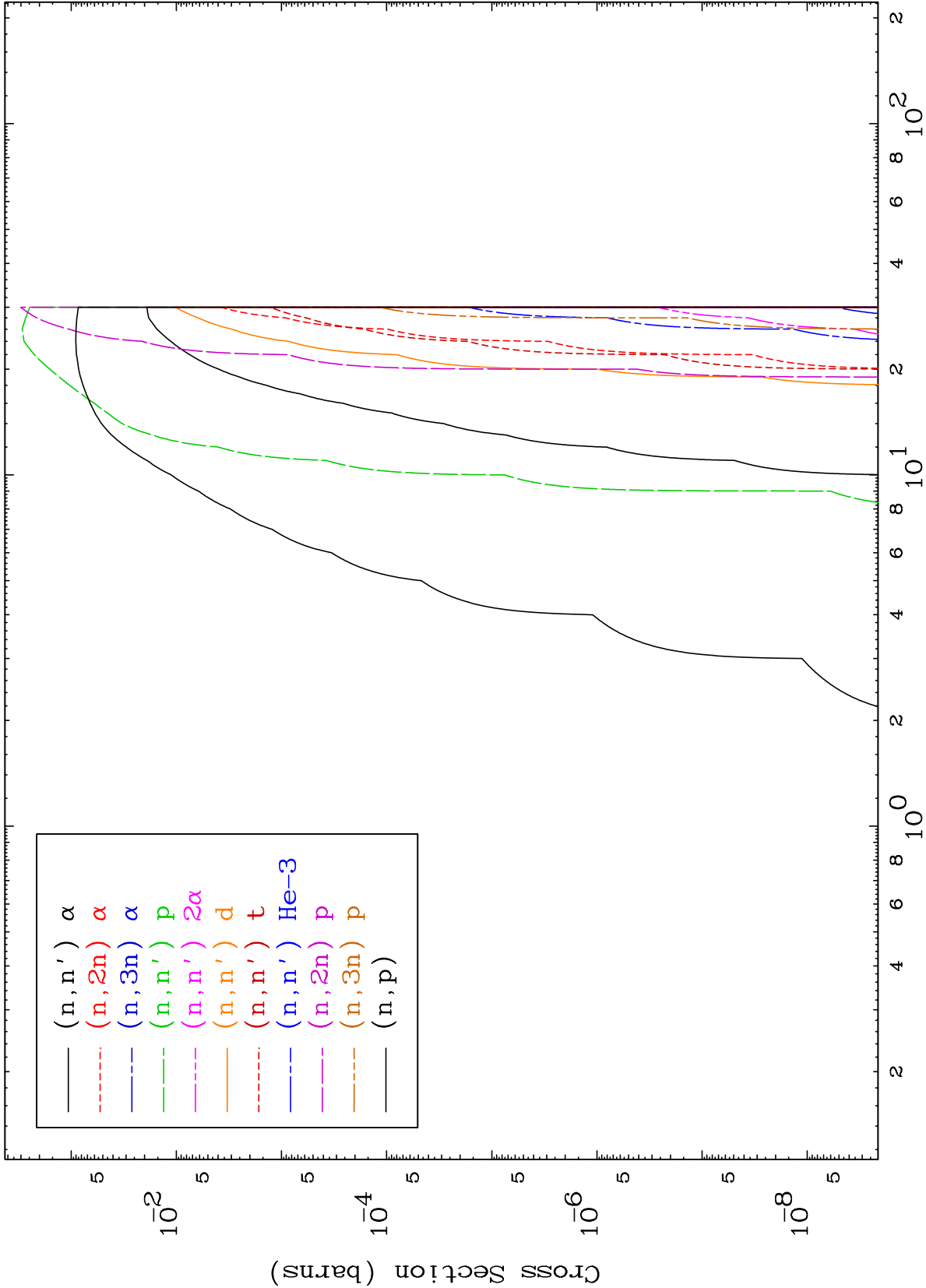


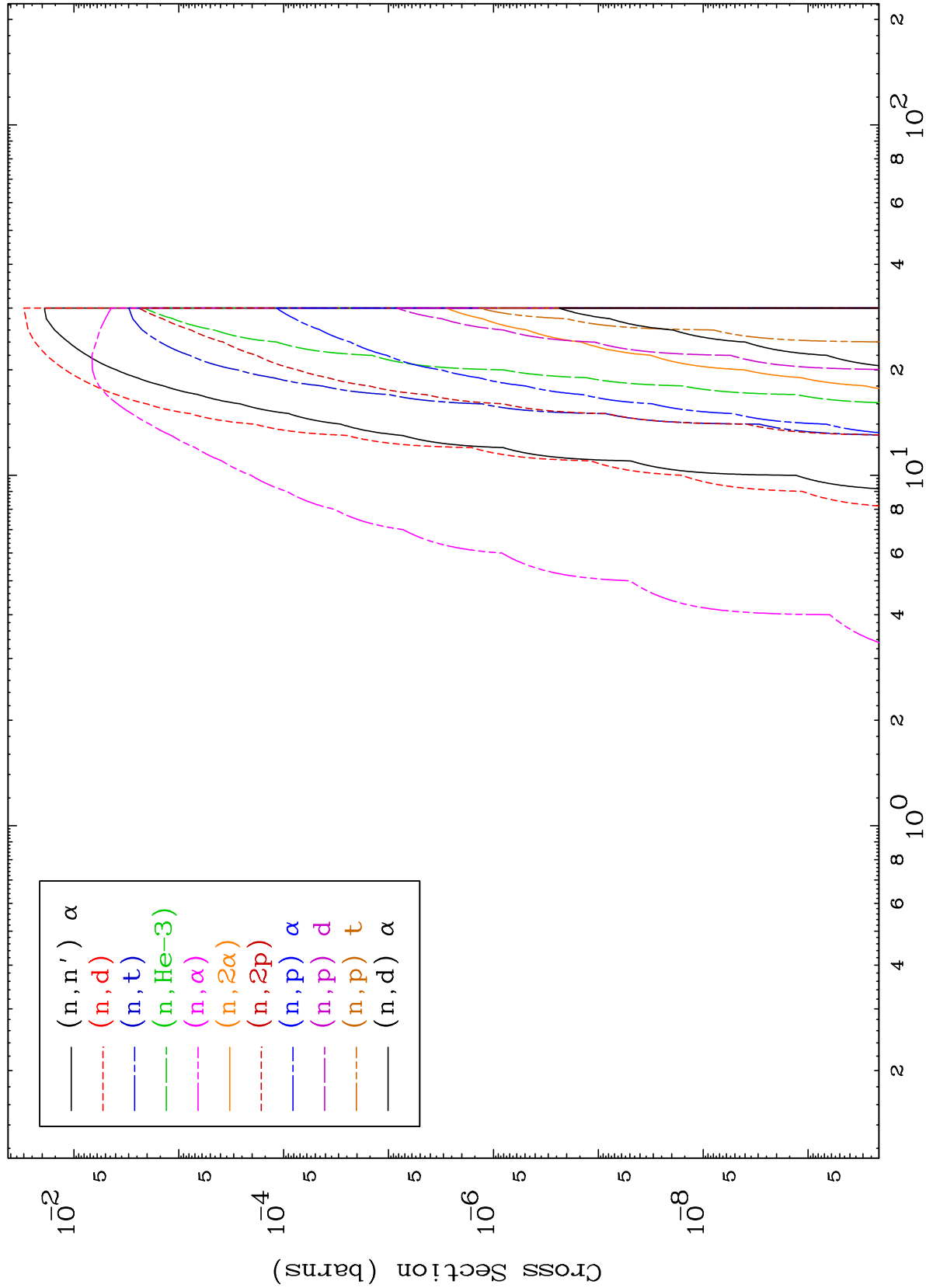
MAT 5435

Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-127m



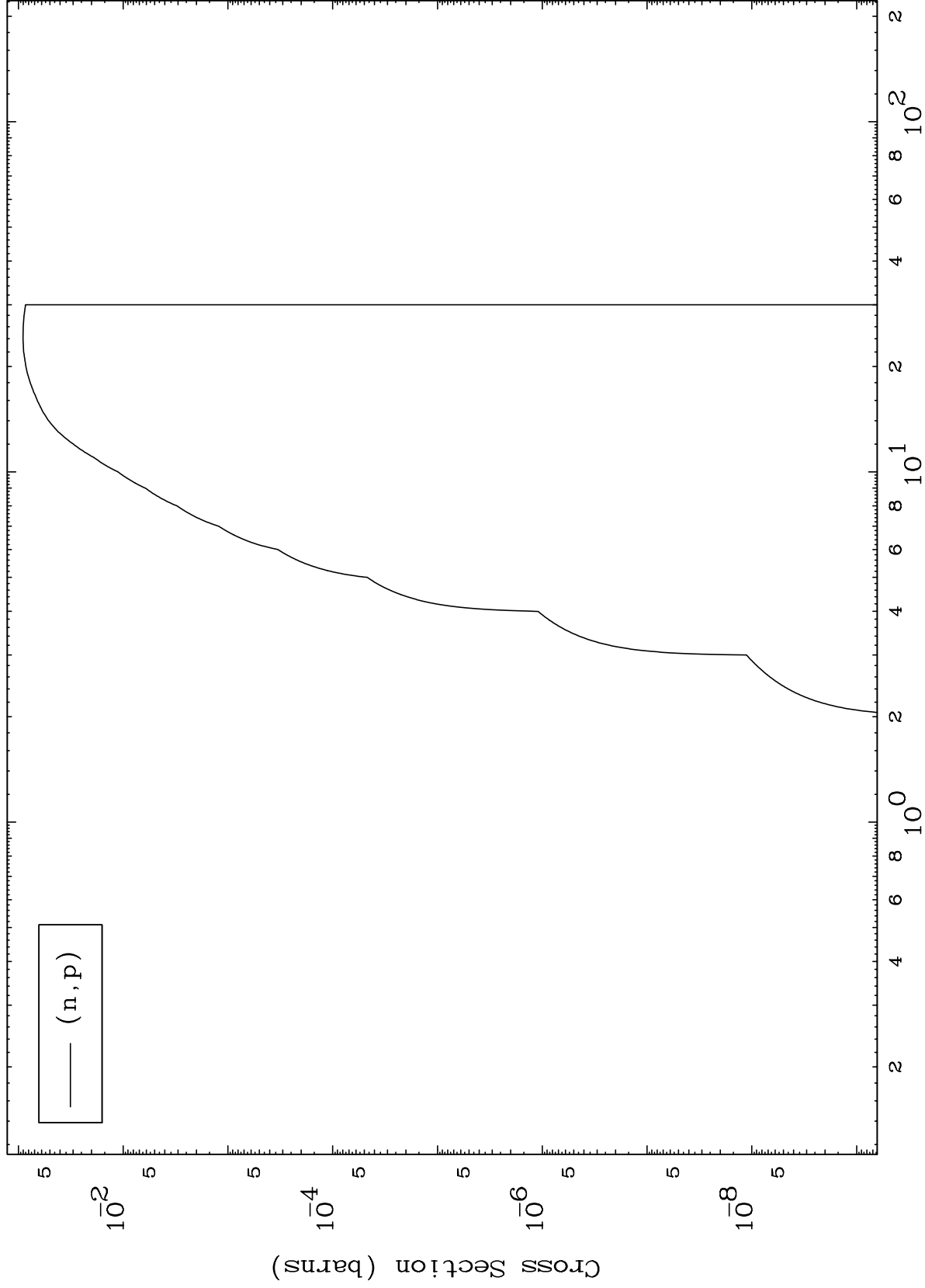




MAT 5435

54-Xe-127m

(p,p) Levels
0 Kelvin Cross Sections



54-Xe-127m

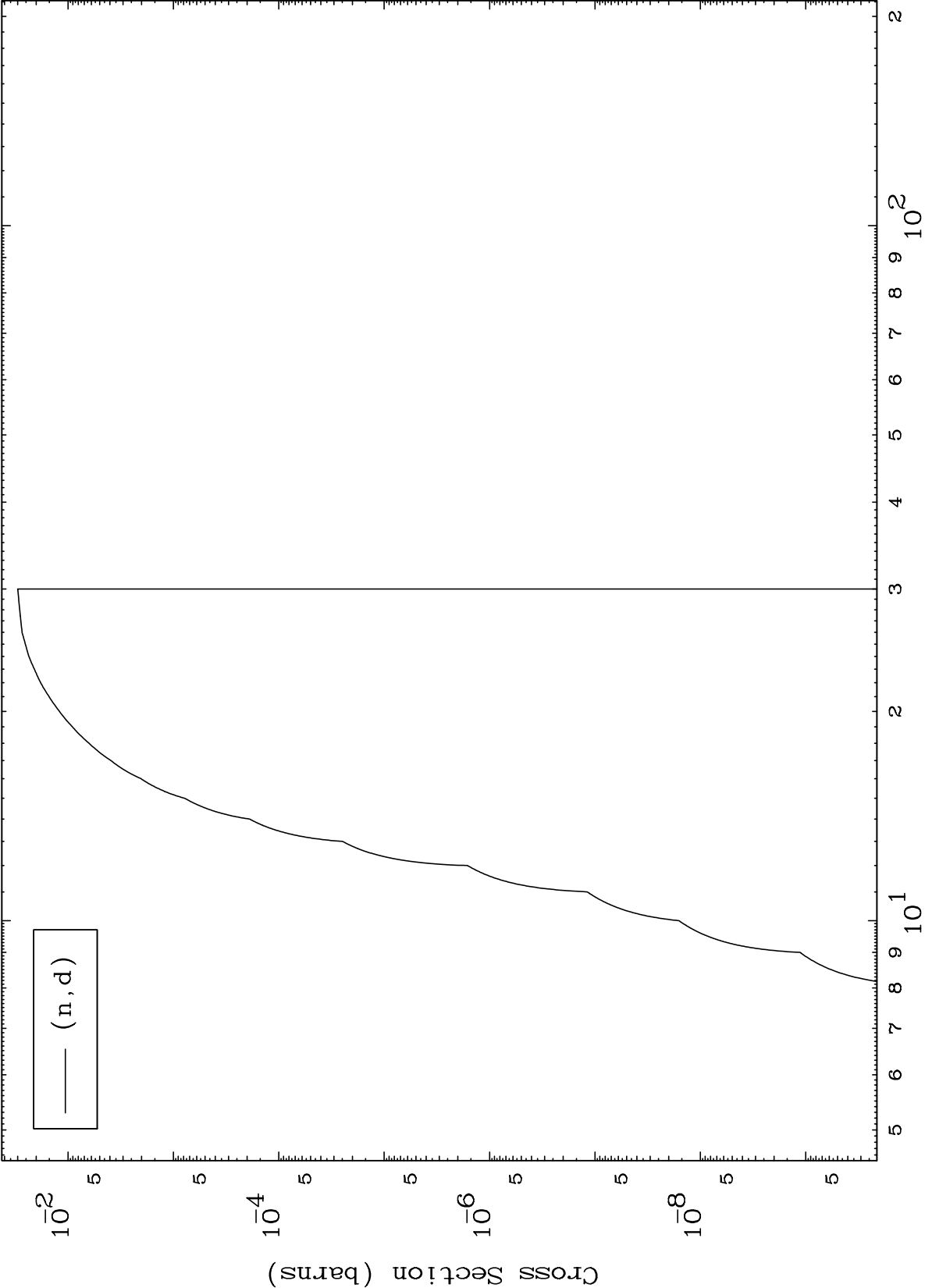
Incident Energy (MeV)

7

MAT 5435

(p,d) Levels
0 Kelvin Cross Sections

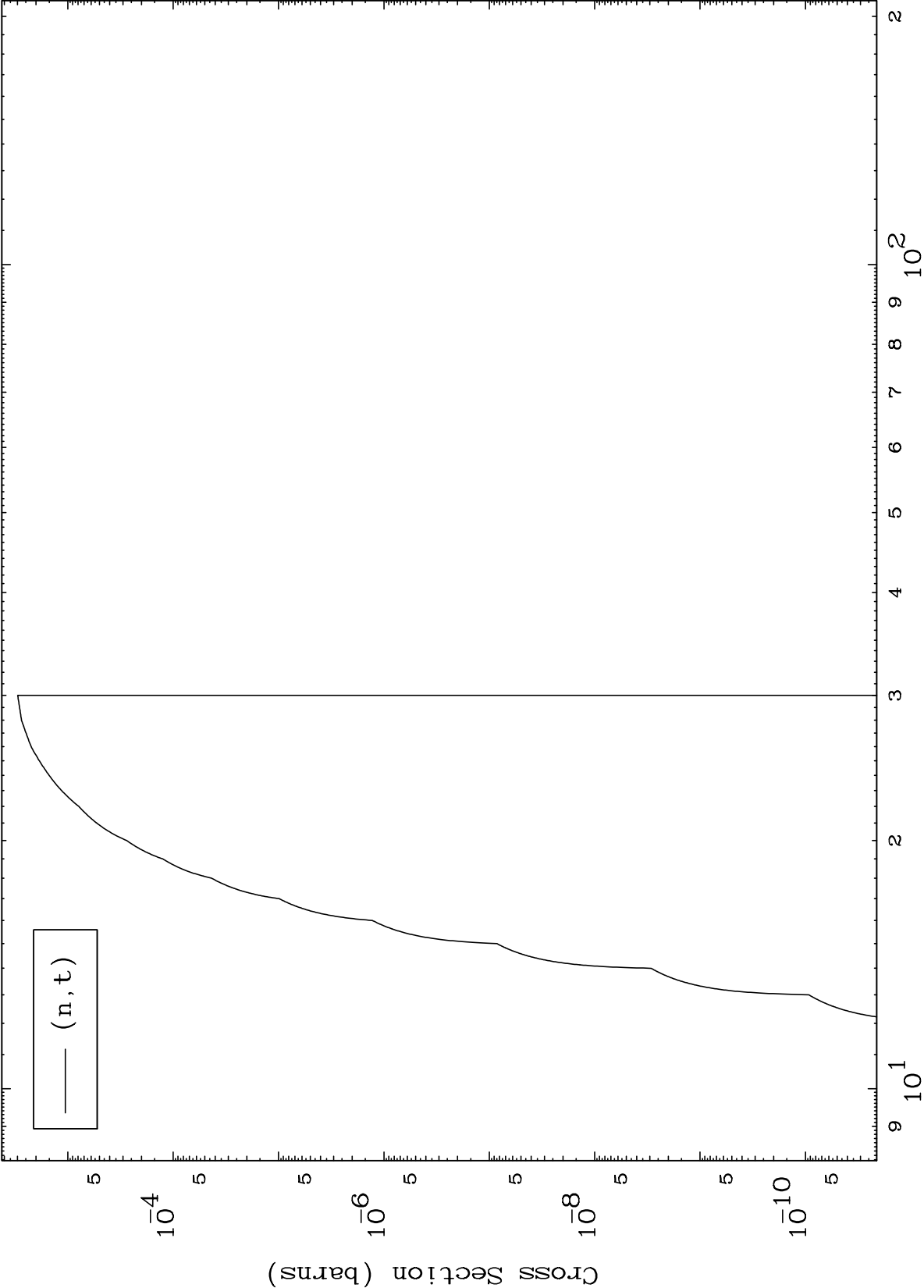
54-Xe-127m



MAT 5435

(p,t) Levels
0 Kelvin Cross Sections

54-Xe-127m



9

Incident Energy (MeV)

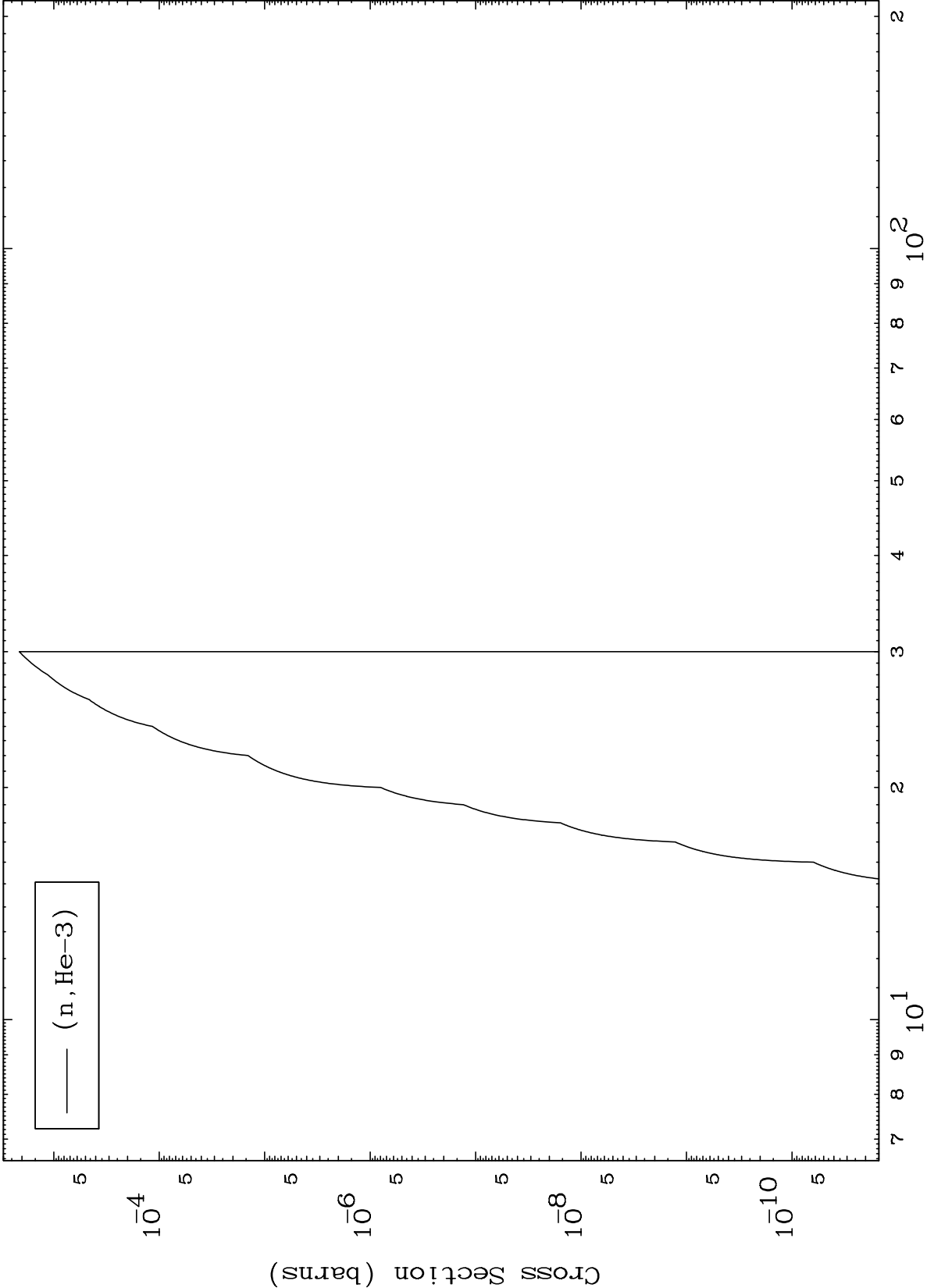
54-Xe-127m

MAT 5435

(p,He3) Levels

54-Xe-127m

0 Kelvin Cross Sections



— (n, He-3)

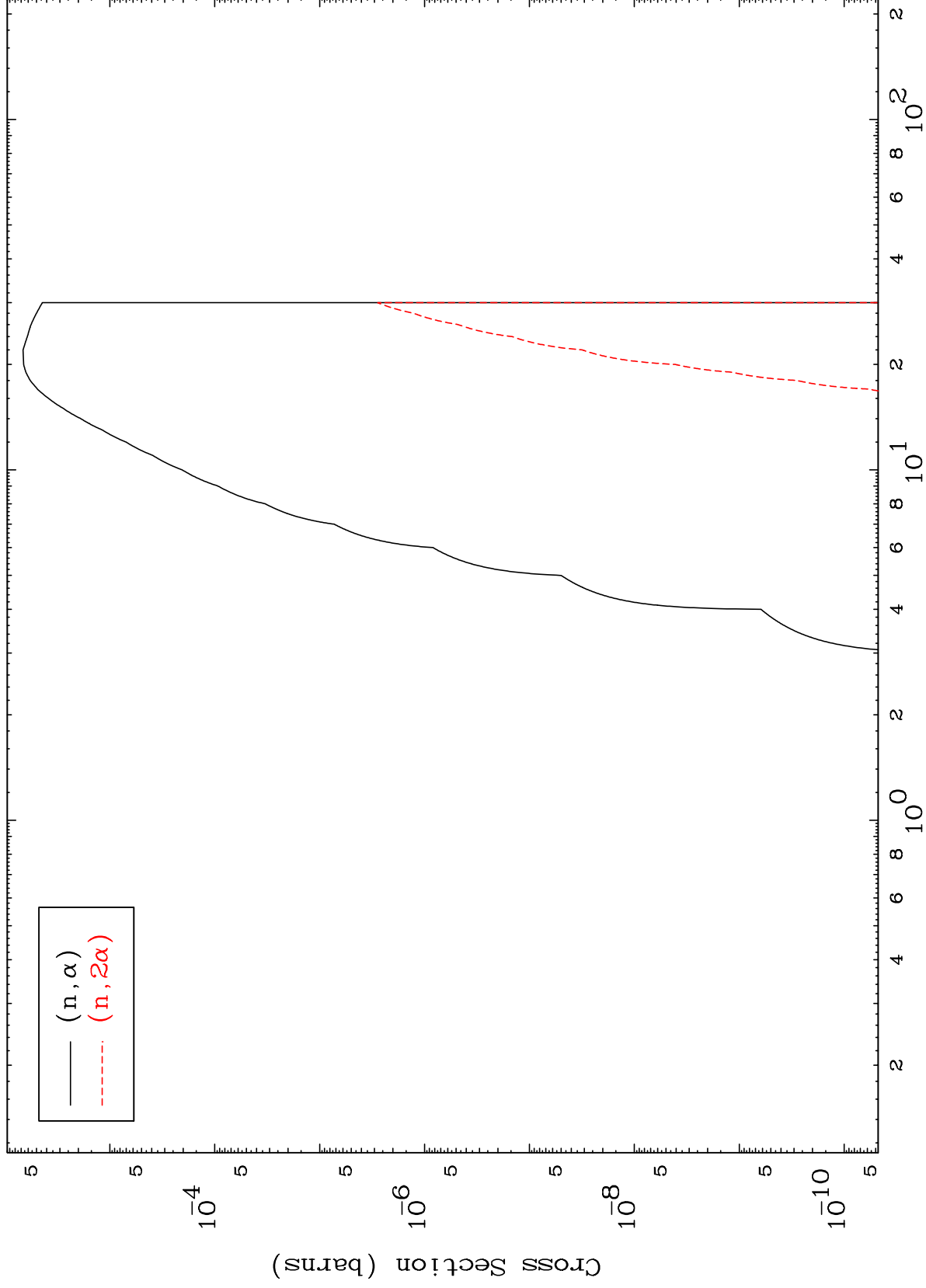
Incident Energy (MeV)

54-Xe-127m

MAT 5435

0 Kelvin Cross Sections
(p, α) Levels

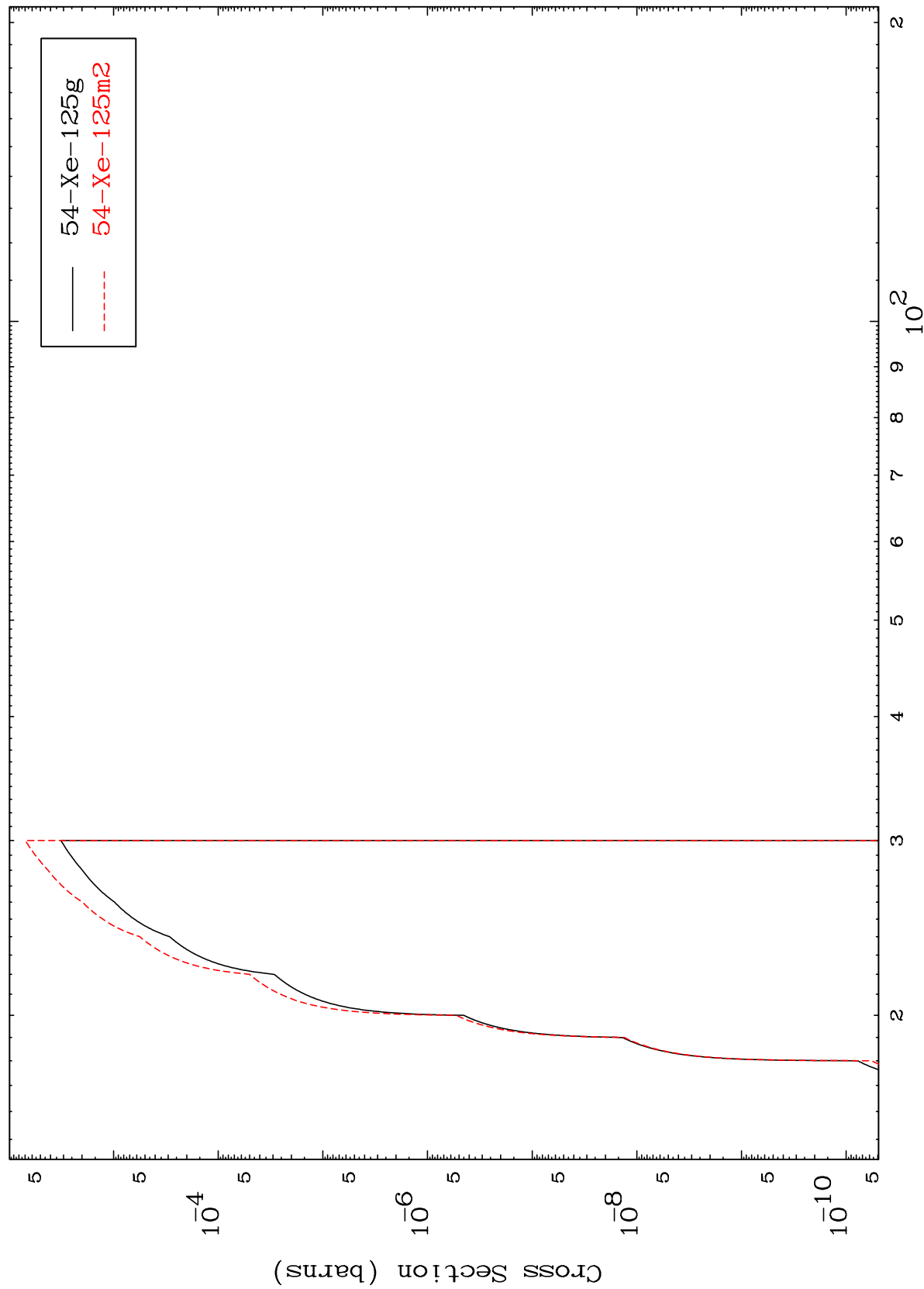
54-Xe-127m



MAT 5435

54-Xe-127m

(n,n') d
Radionuclide Production Cross Section



12

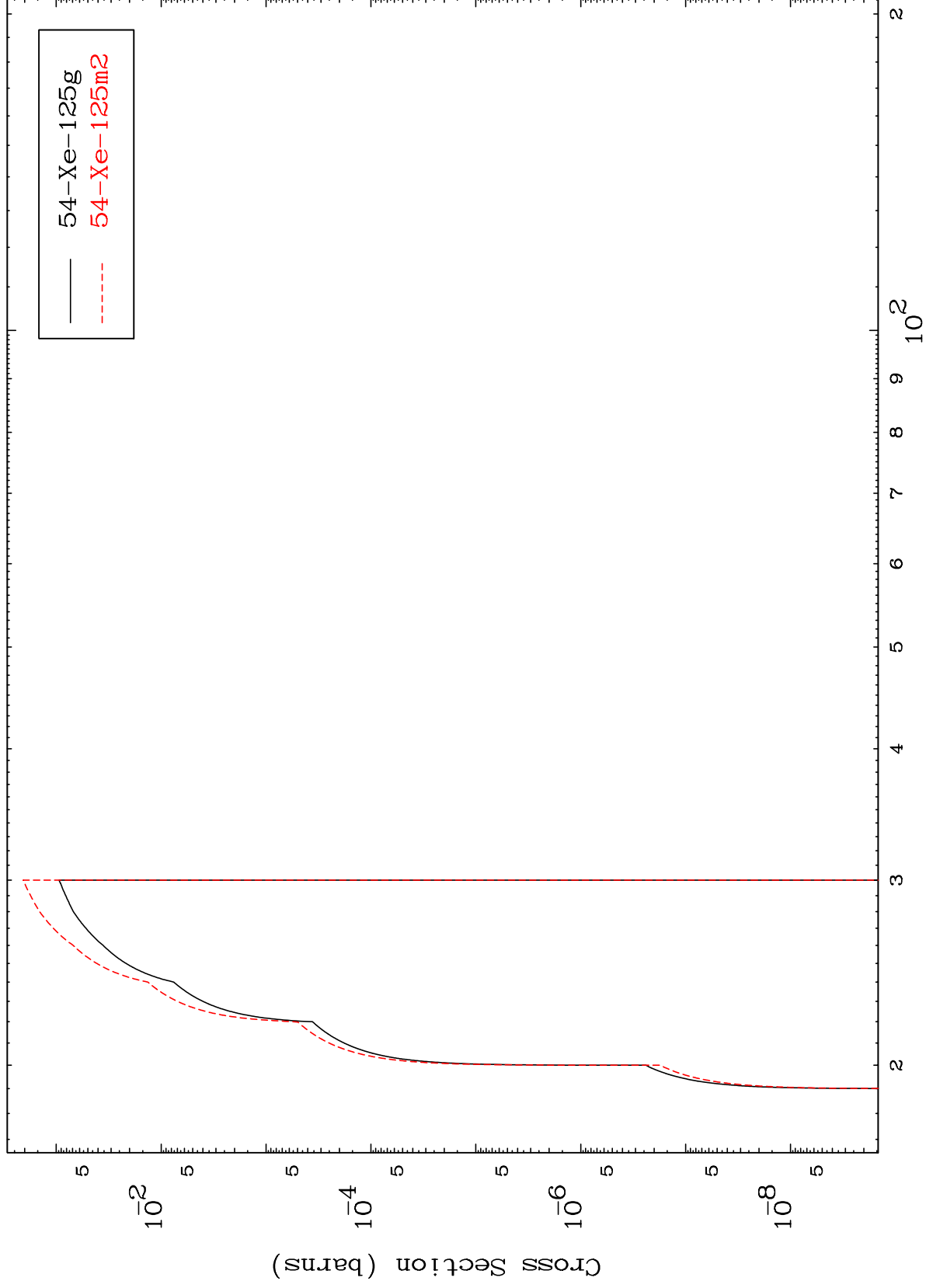
Incident Energy (MeV)

54-Xe-127m

MAT 5435

54-Xe-127m

(n,2n) p
Radionuclide Production Cross Section



54-Xe-127m

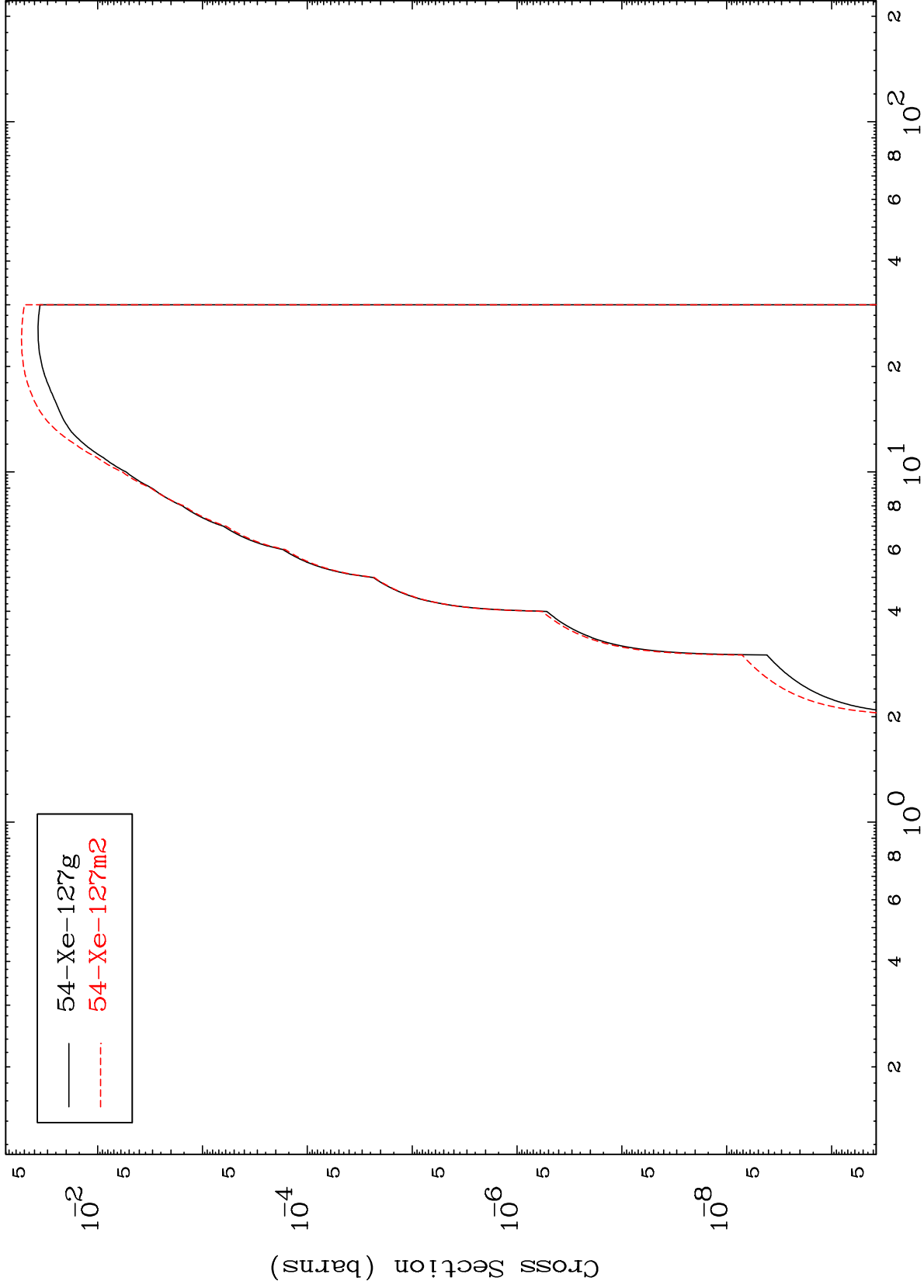
Incident Energy (MeV)

13

MAT 5435

54-Xe-127m

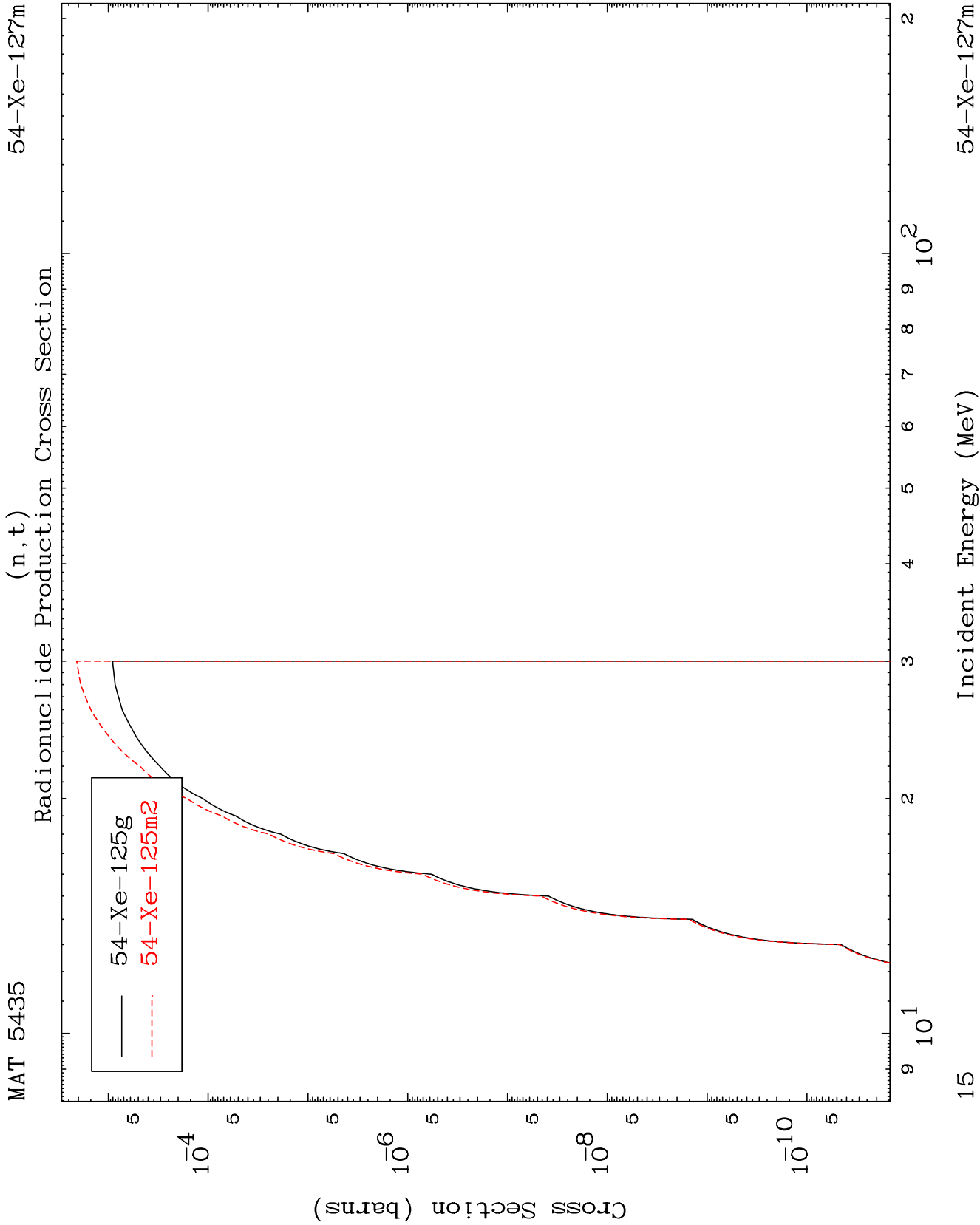
Radionuclide Production Cross Section (n,p)



14

Incident Energy (MeV)

54-Xe-127m

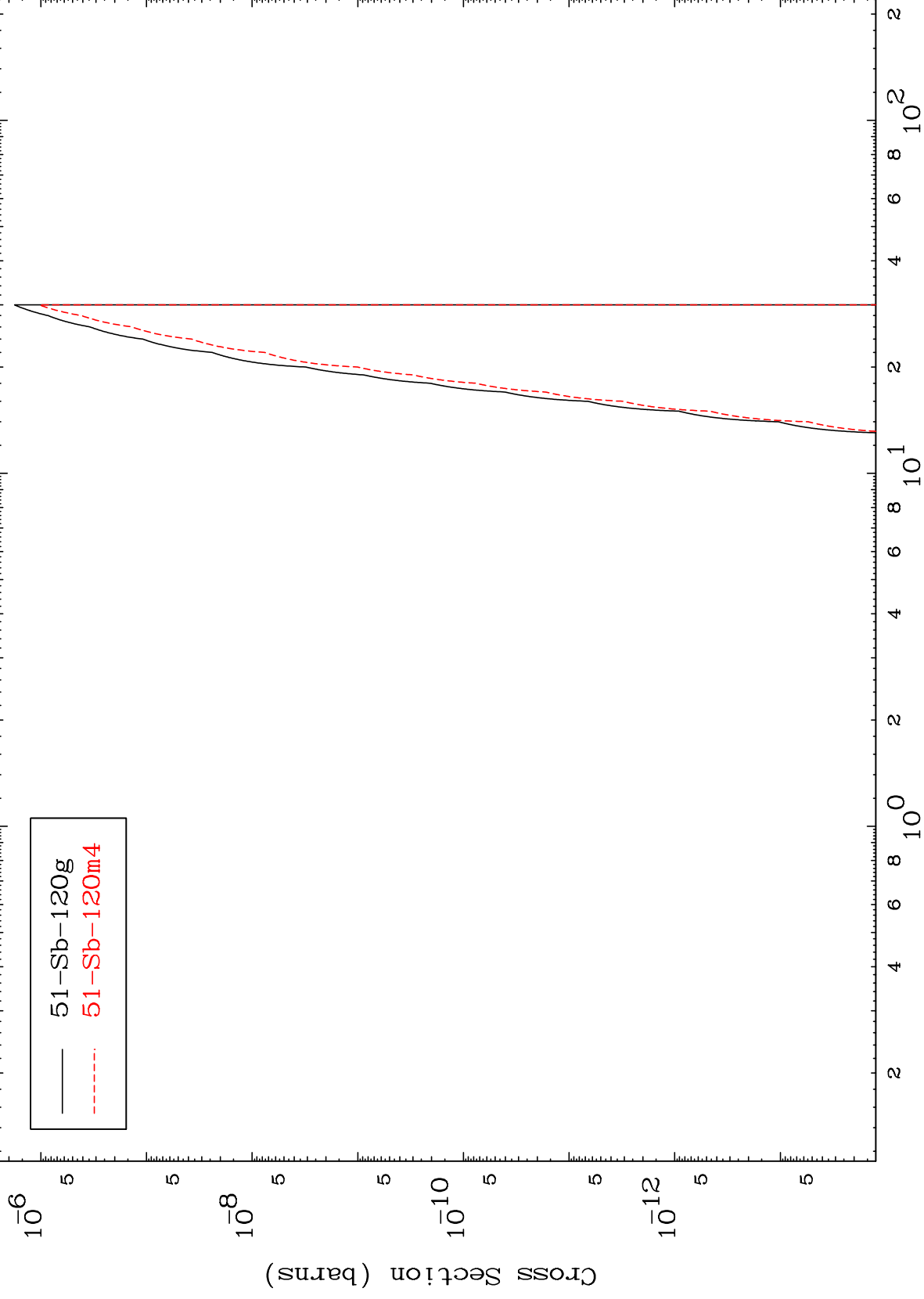


MAT 5435

(n,2α)

54-Xe-127m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-127m

