

Program EVALPLOT
(Version 2021-1)

by

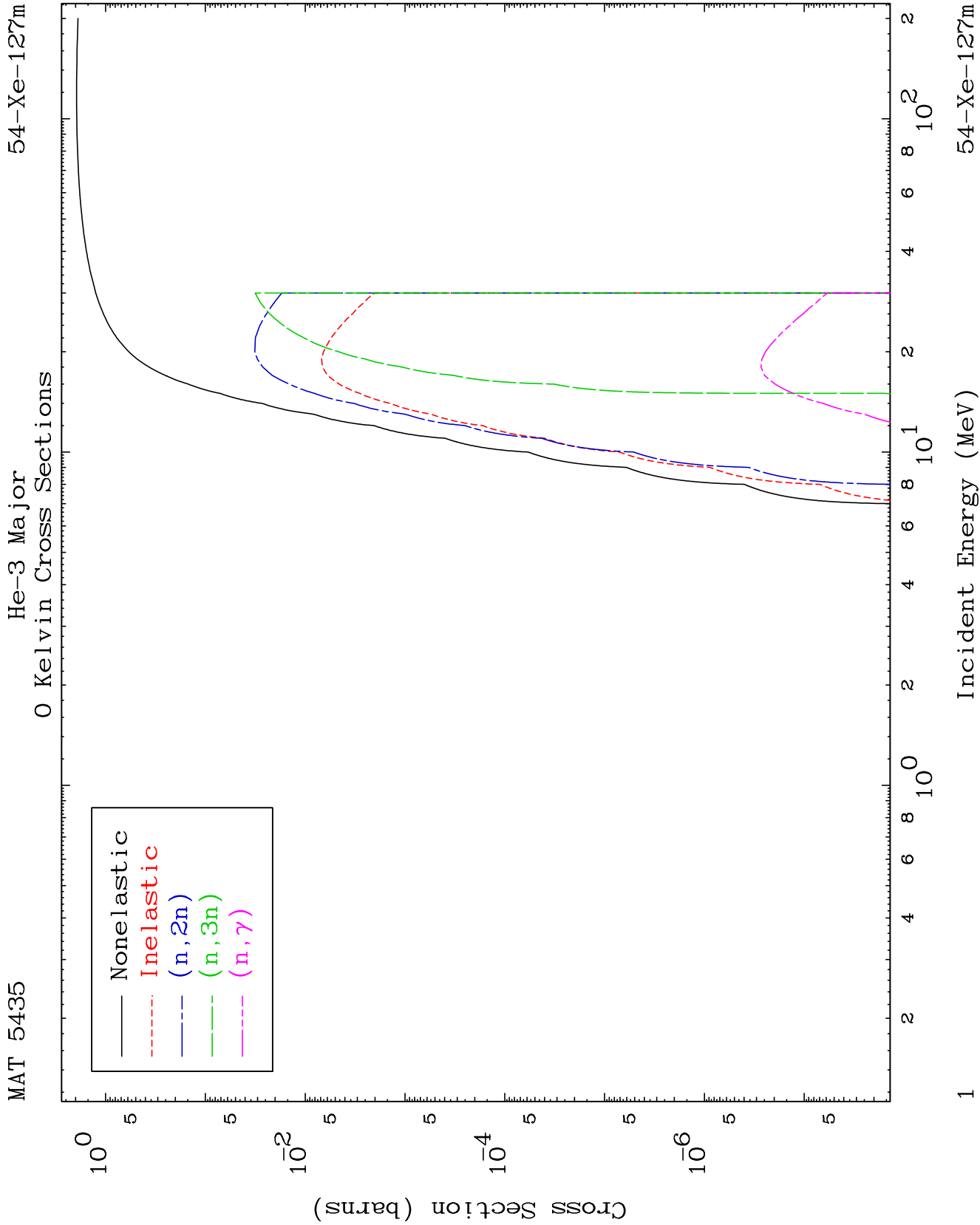
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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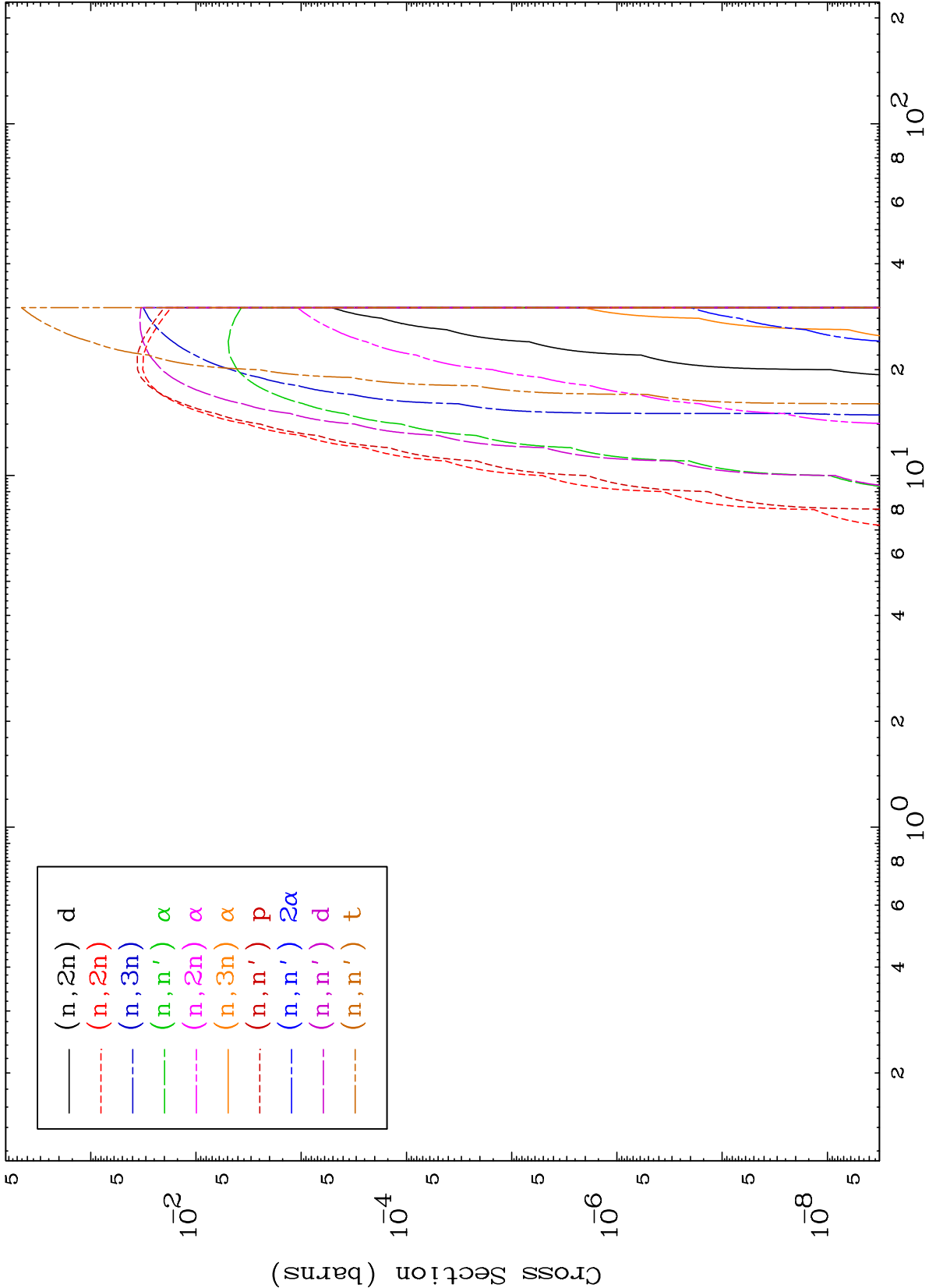
Press Mouse Button to Start

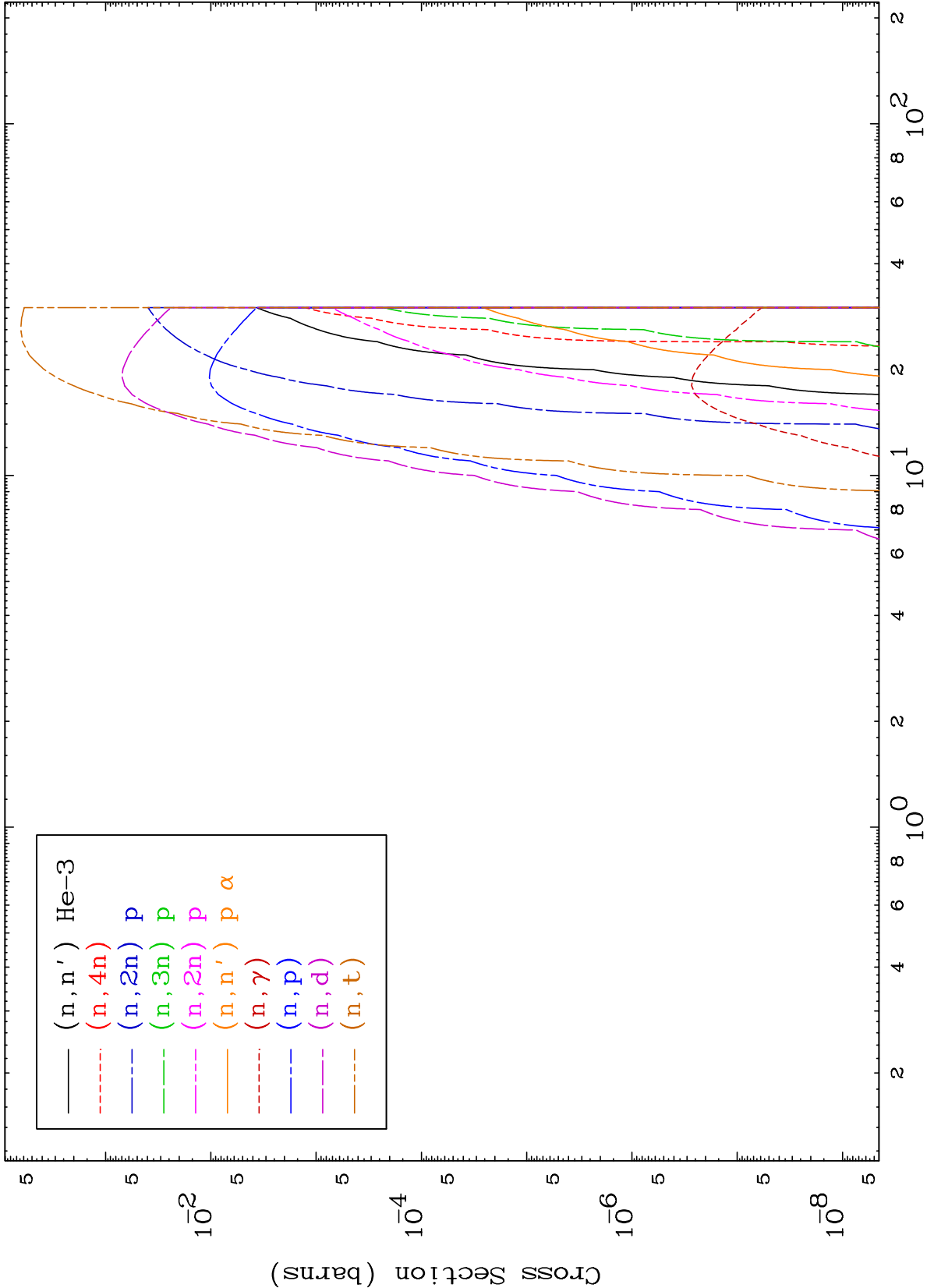


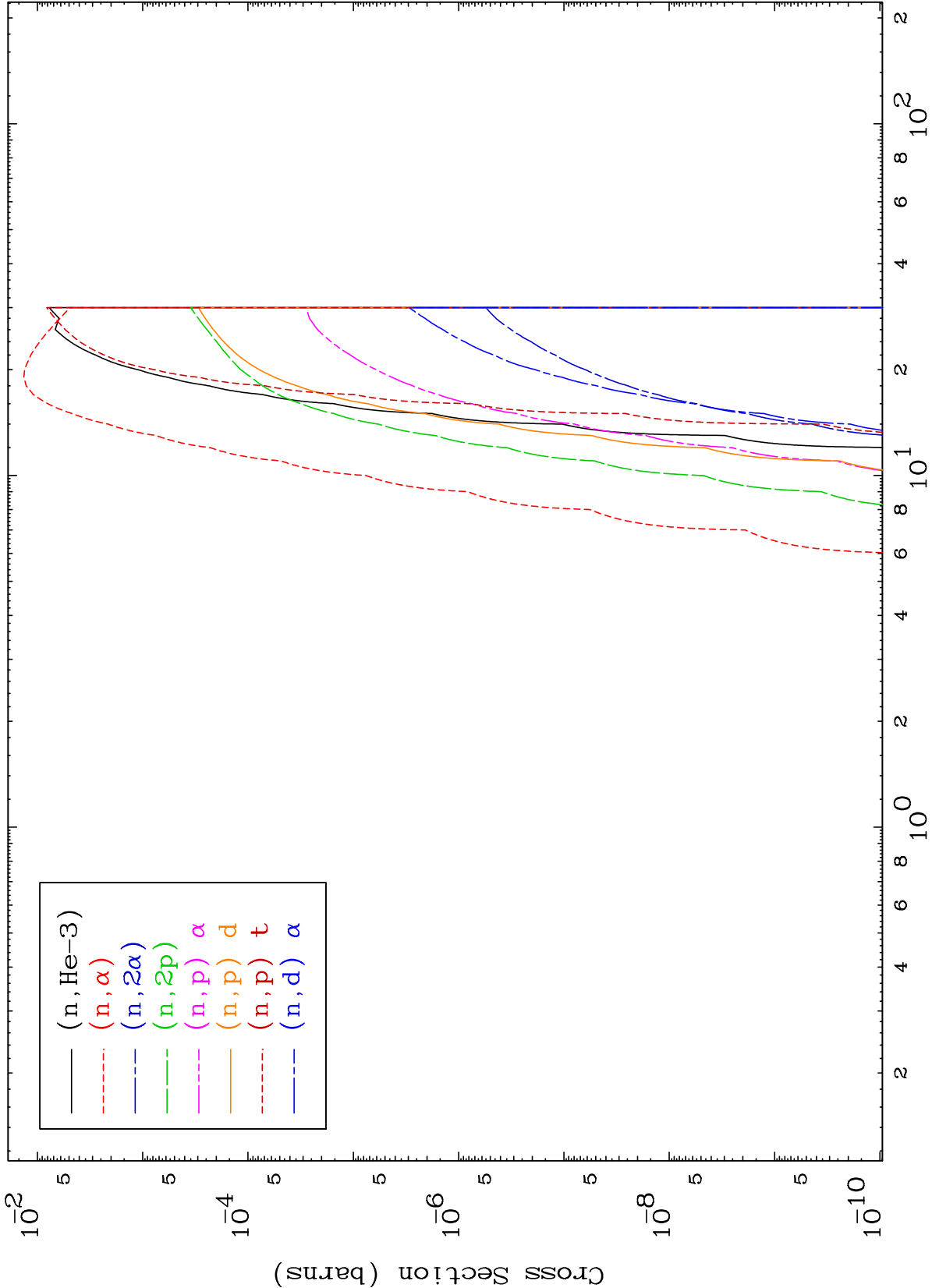
MAT 5435

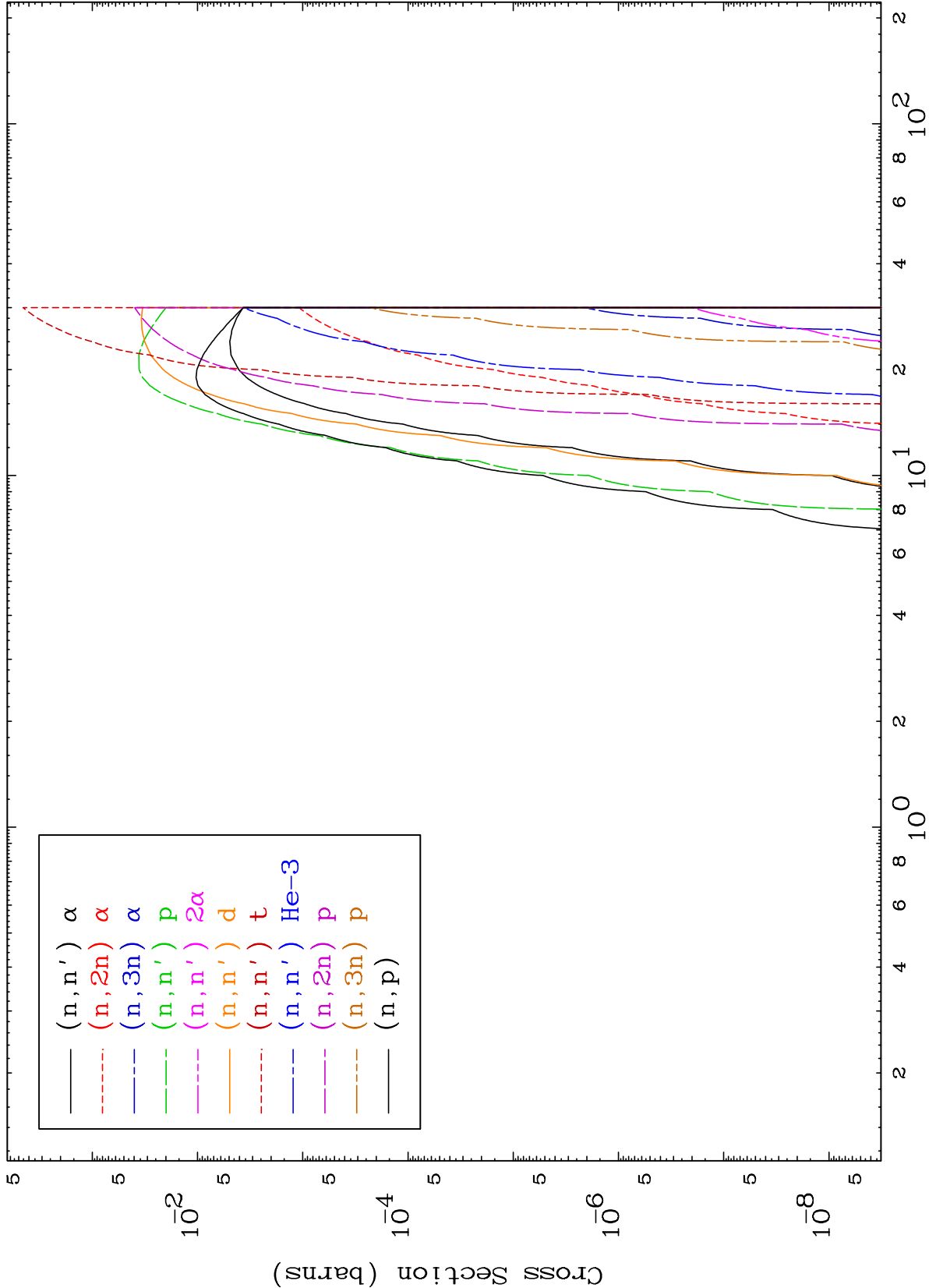
He-3 Neutron Absorption
0 Kelvin Cross Sections

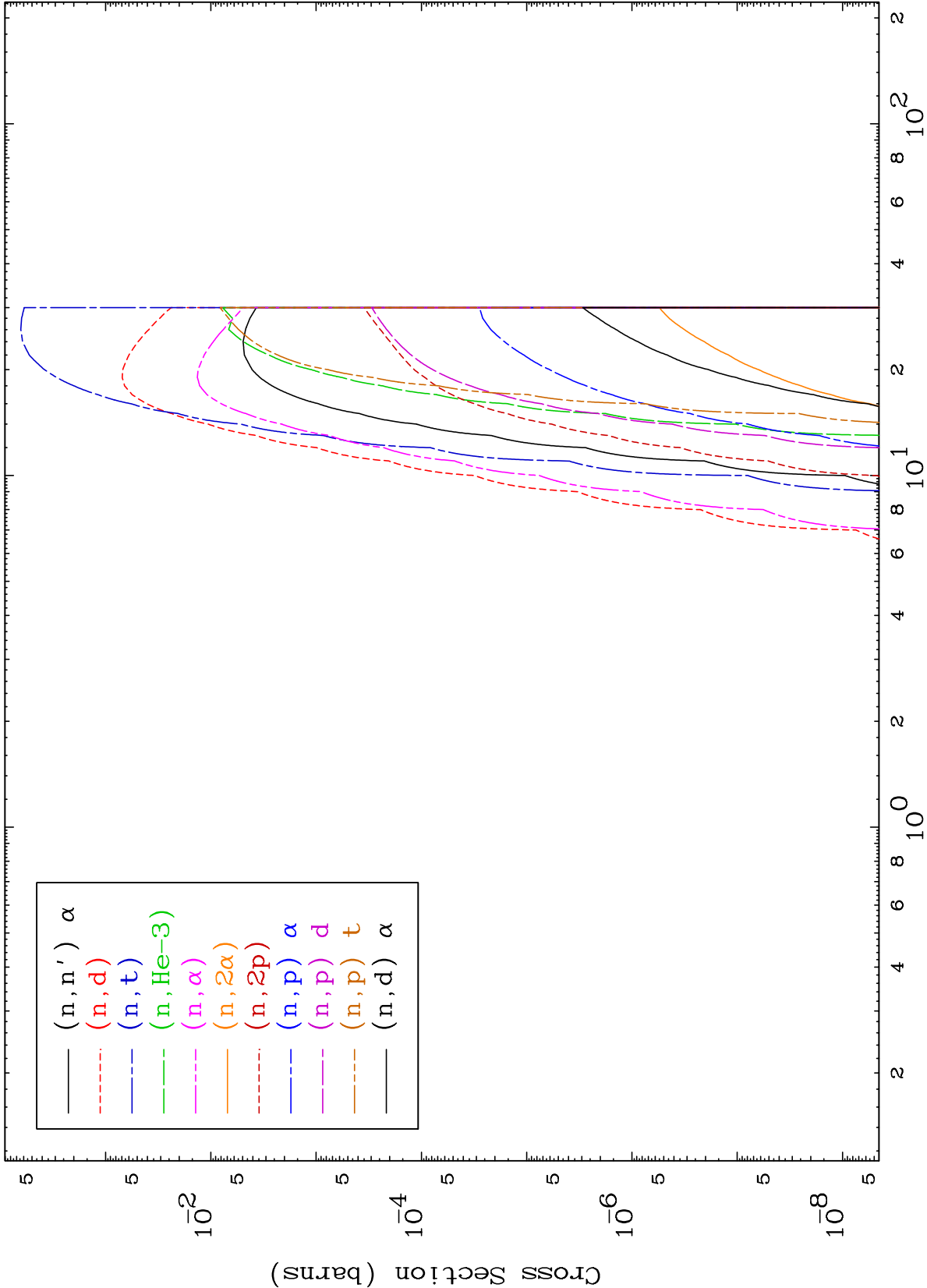
54-Xe-127m







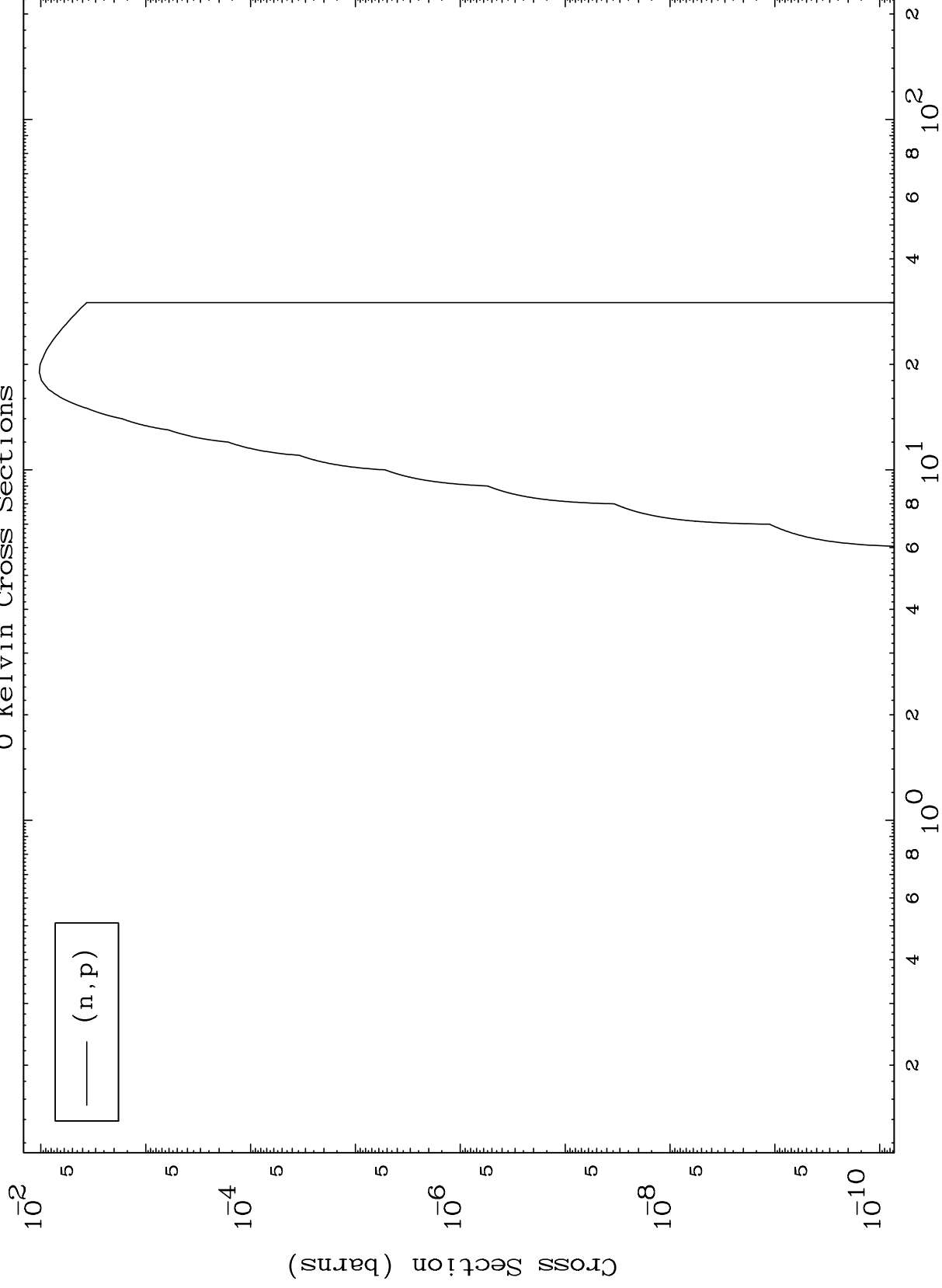




MAT 5435

54-Xe-127m

(He-3,p) Levels
0 Kelvin Cross Sections



54-Xe-127m

Incident Energy (MeV)

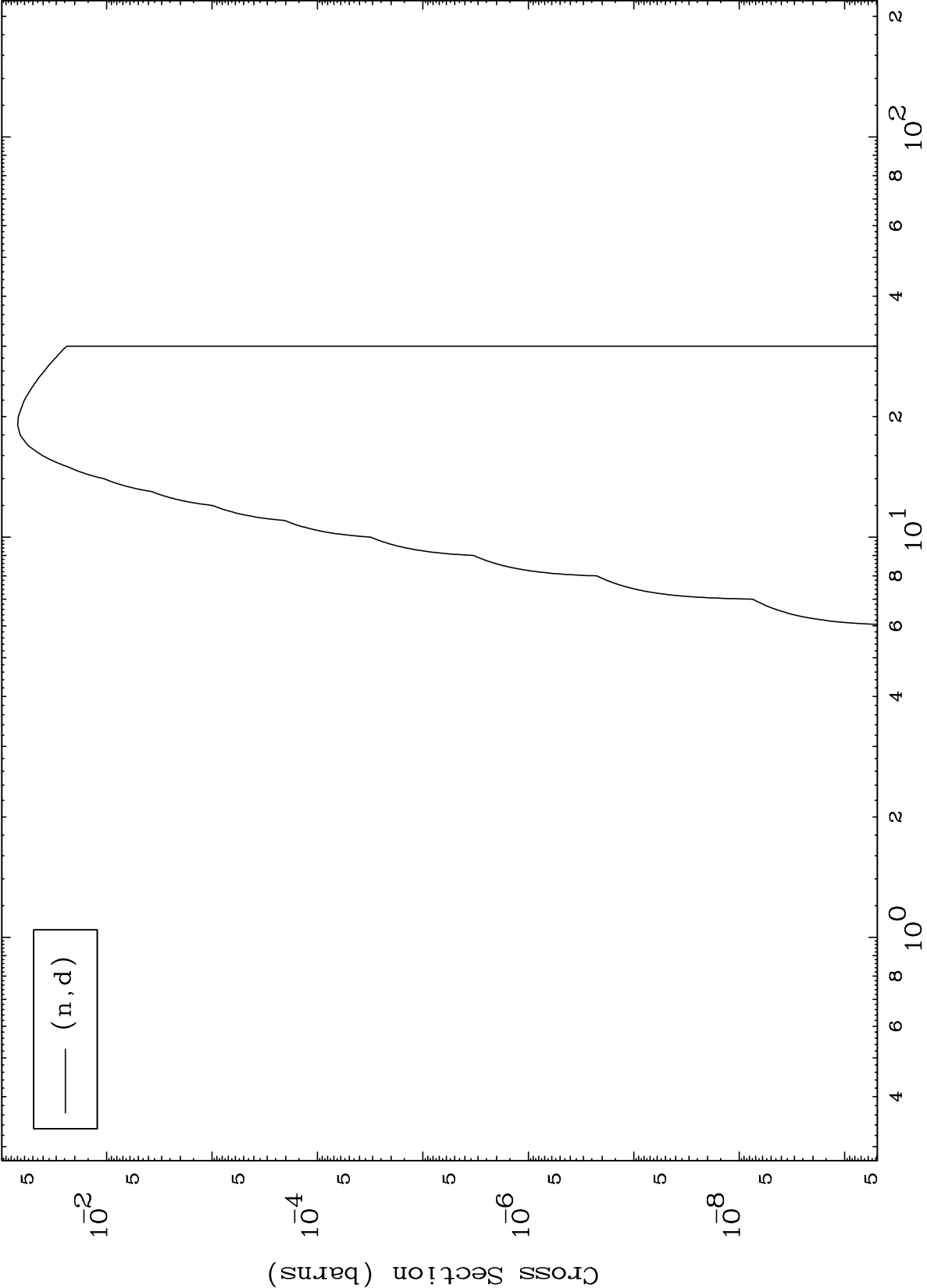
7

MAT 5435

(He-3,d) Levels

54-Xe-127m

0 Kelvin Cross Sections



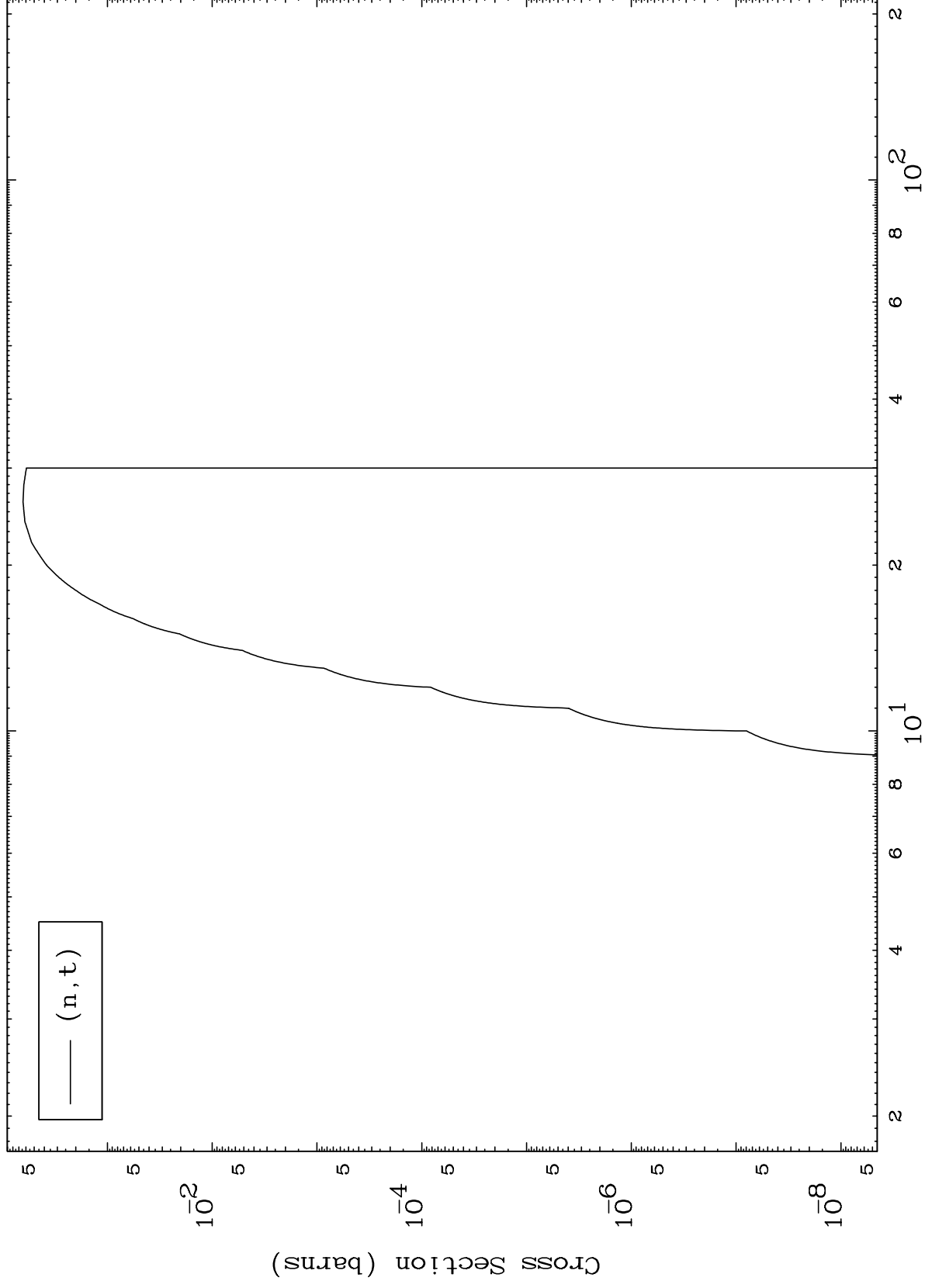
— (n,d)

MAT 5435

(He-3,t) Levels

54-Xe-127m

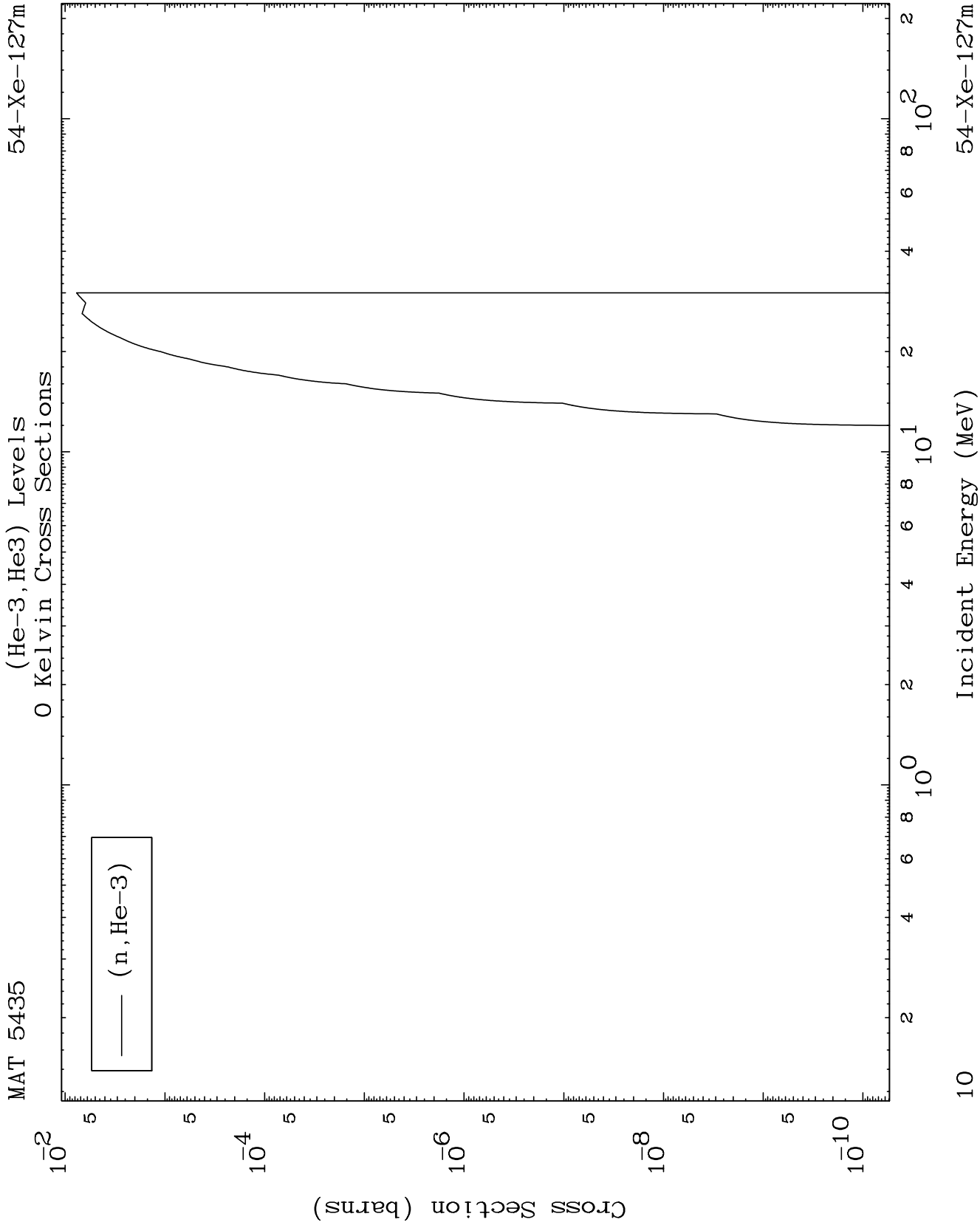
0 Kelvin Cross Sections



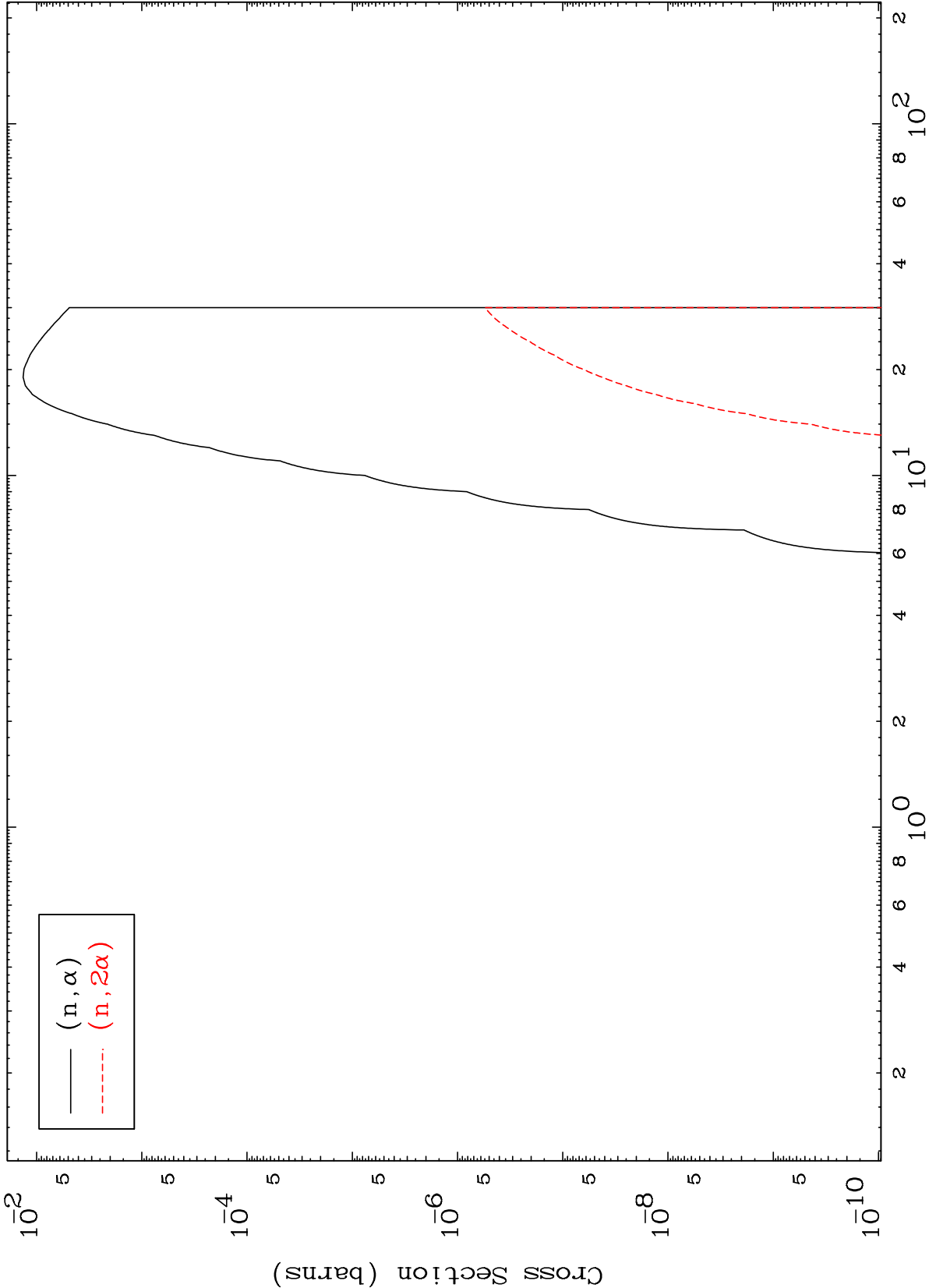
9

Incident Energy (MeV)

54-Xe-127m



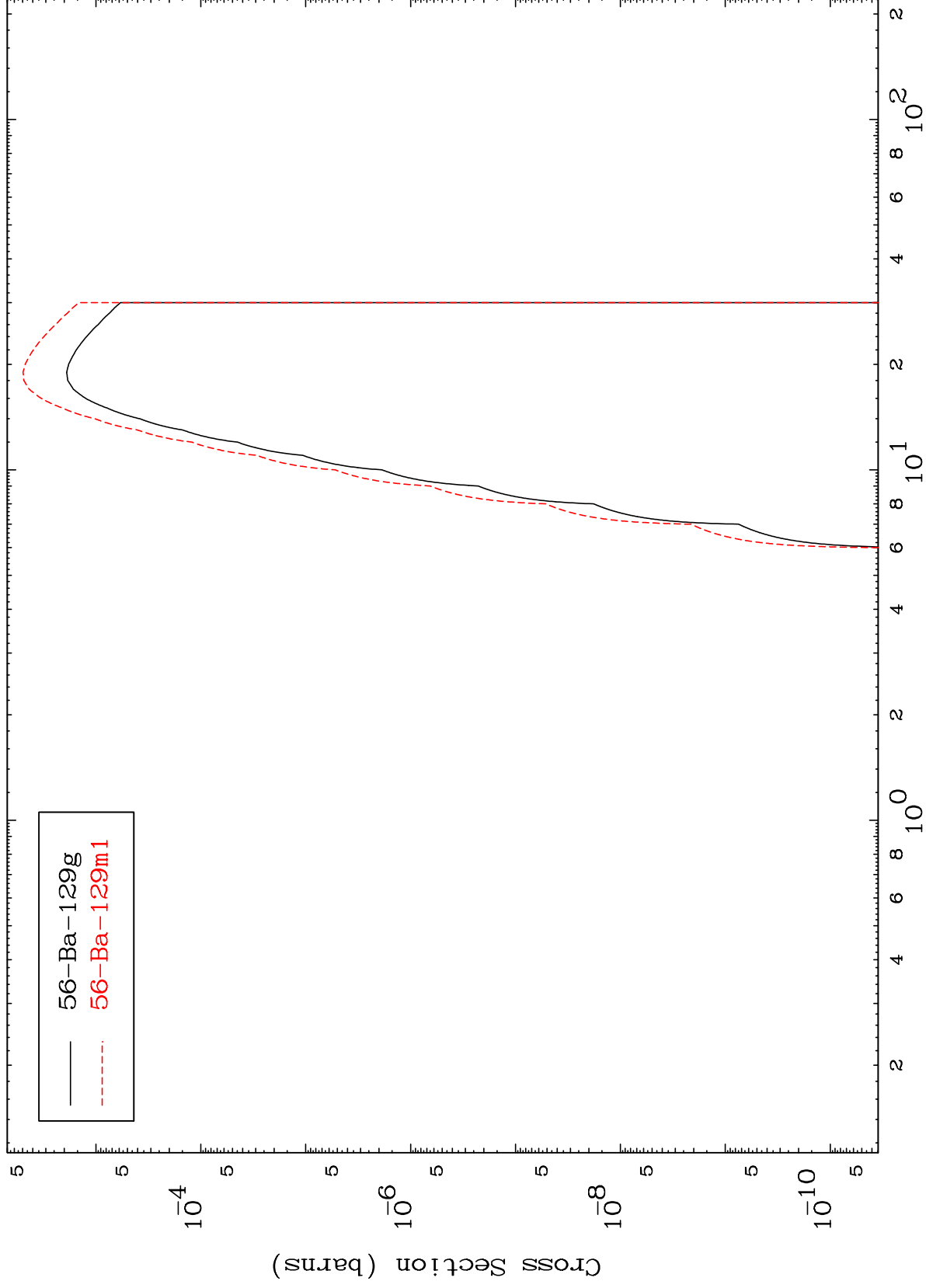
0 Kelvin Cross Sections



MAT 5435

Radionuclide Production Cross Section

54-Xe-127m



12

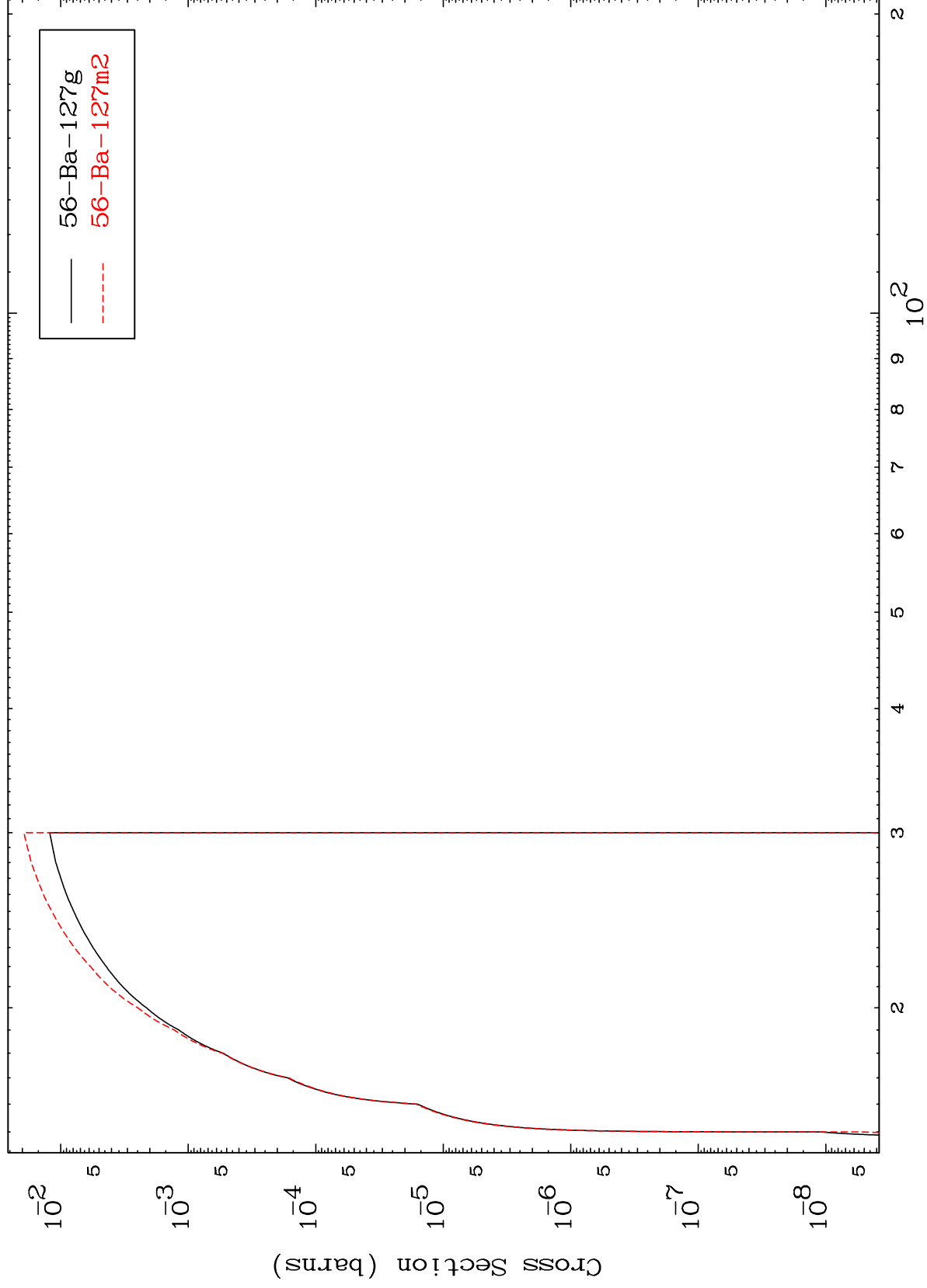
Incident Energy (MeV)

54-Xe-127m

MAT 5435

54-Xe-127m

(n,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

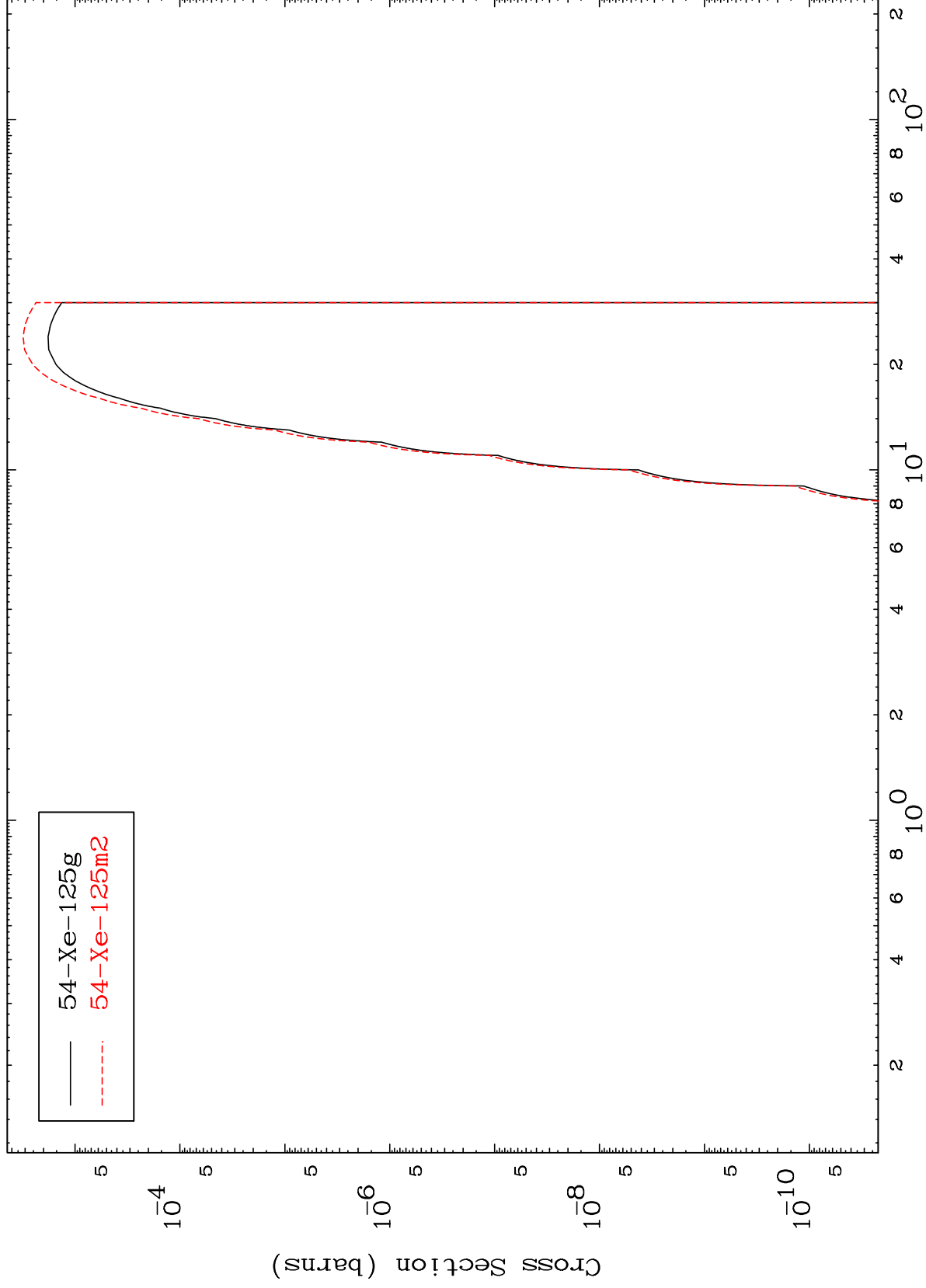
54-Xe-127m

MAT 5435

$(n,n') \alpha$

54-Xe-127m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

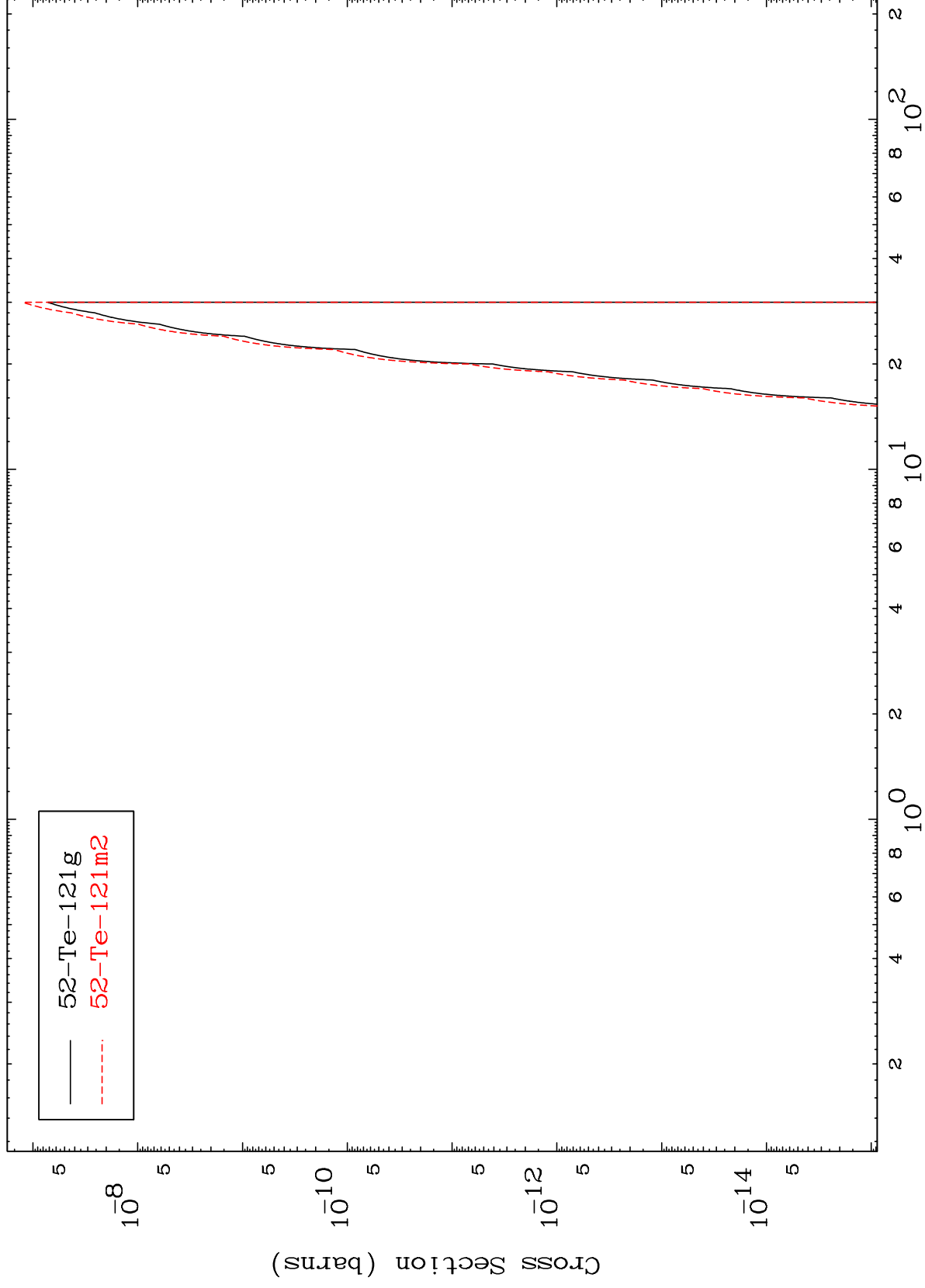
54-Xe-127m

MAT 5435

(n,n') 2 α

54-Xe-127m

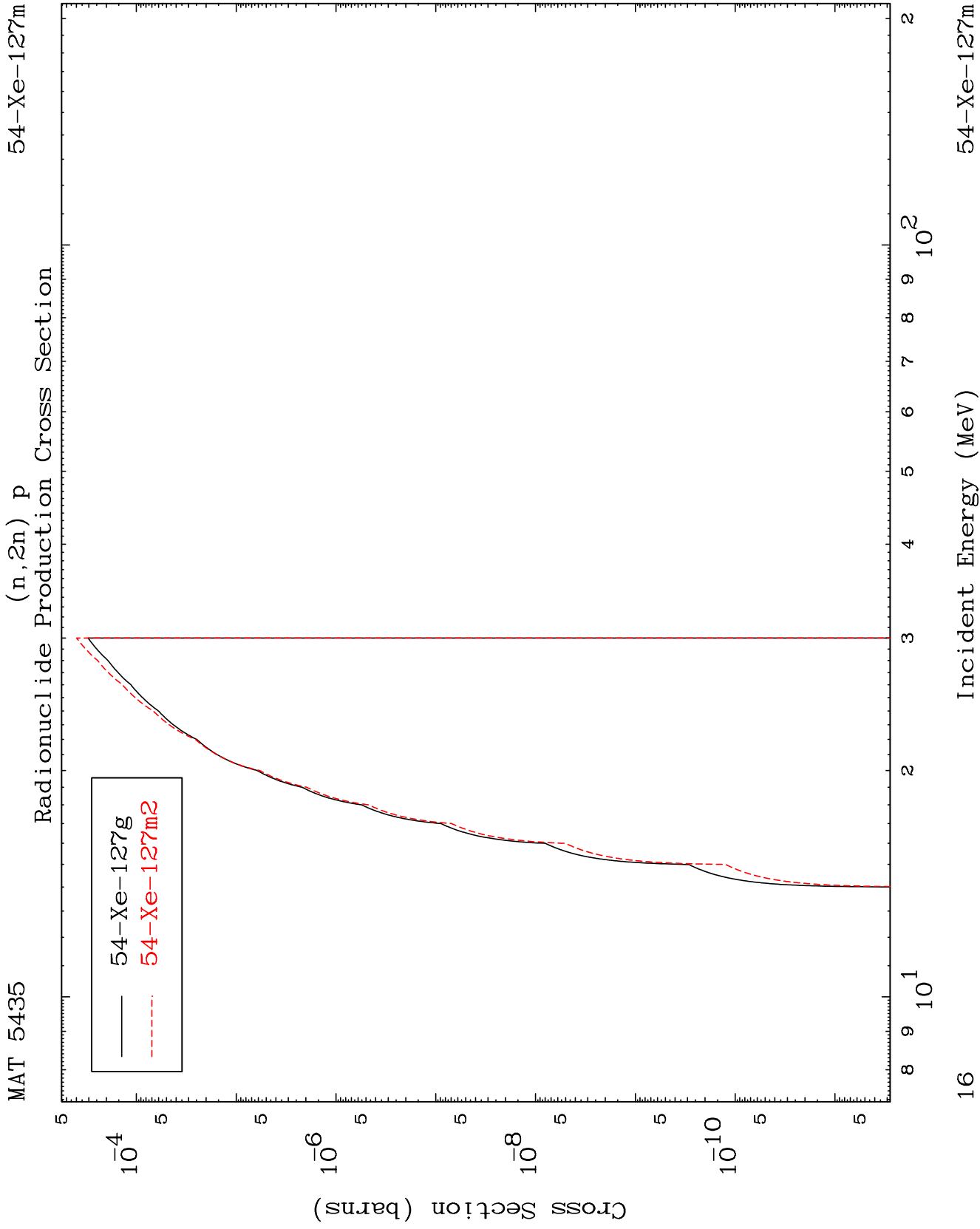
Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-127m

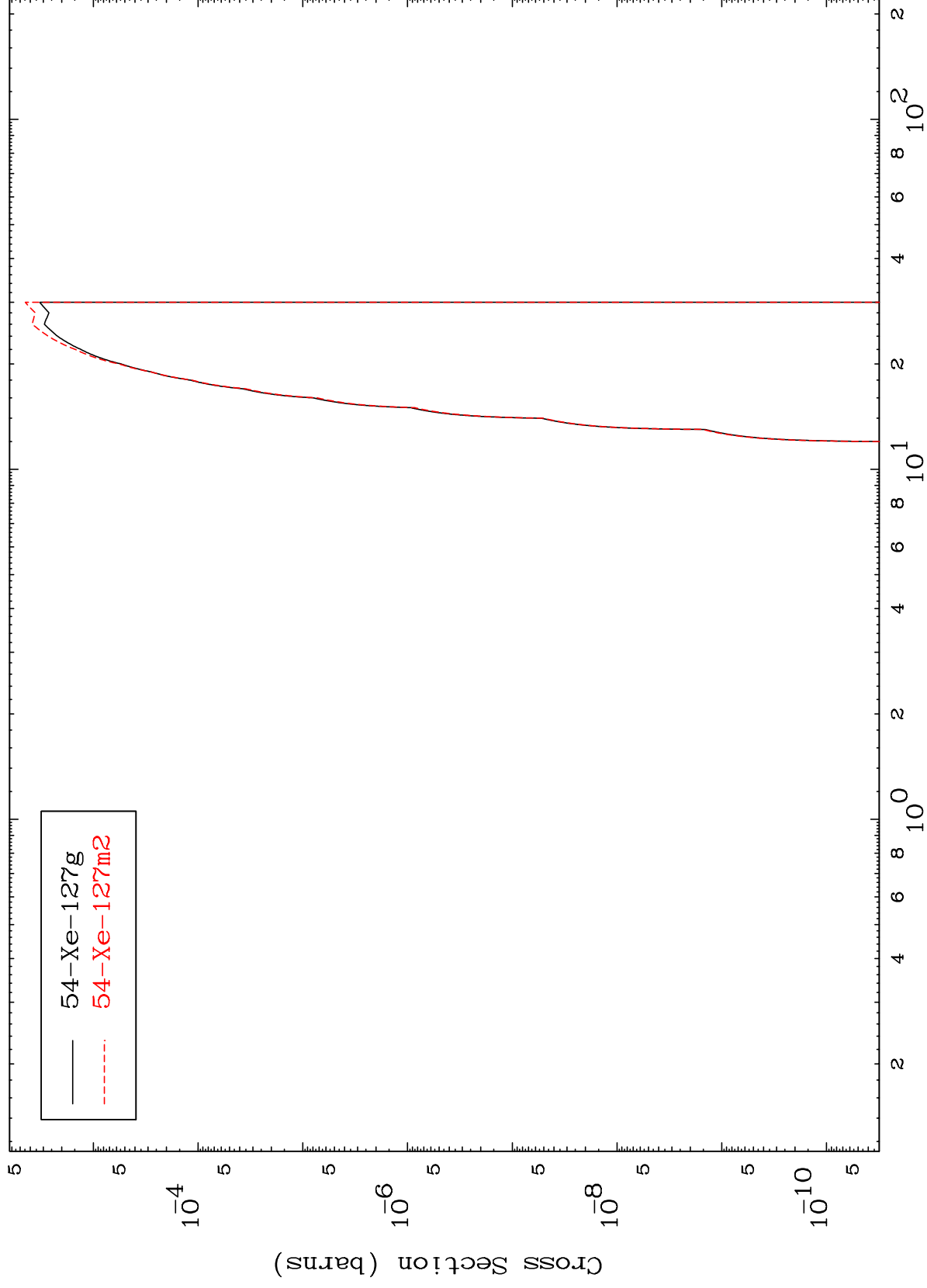


MAT 5435

(n,He-3)

54-Xe-127m

Radionuclide Production Cross Section



17

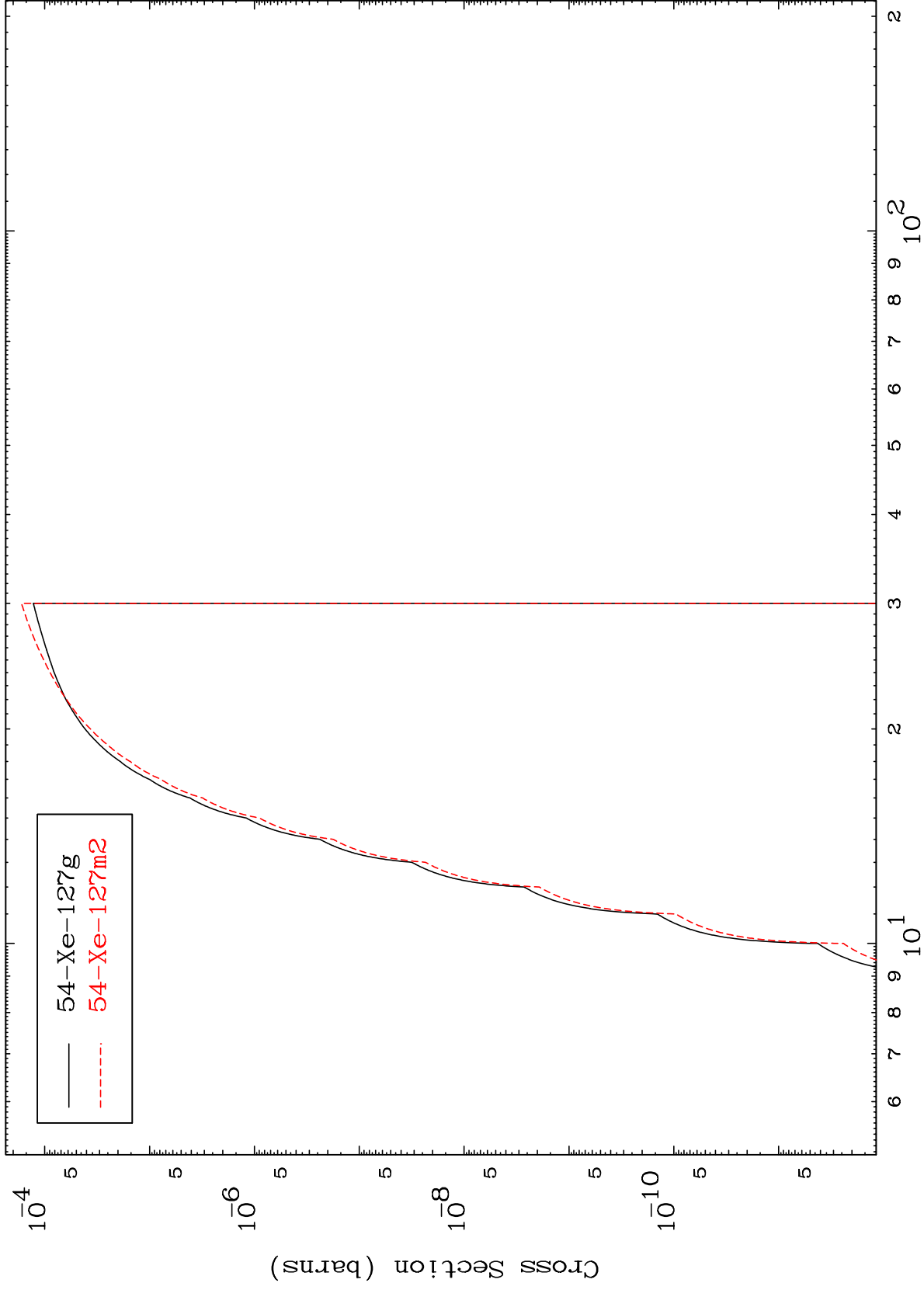
Incident Energy (MeV)

54-Xe-127m

MAT 5435

54-Xe-127m

(n,p) d
Radionuclide Production Cross Section



54-Xe-127m

Incident Energy (MeV)

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