

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E-Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

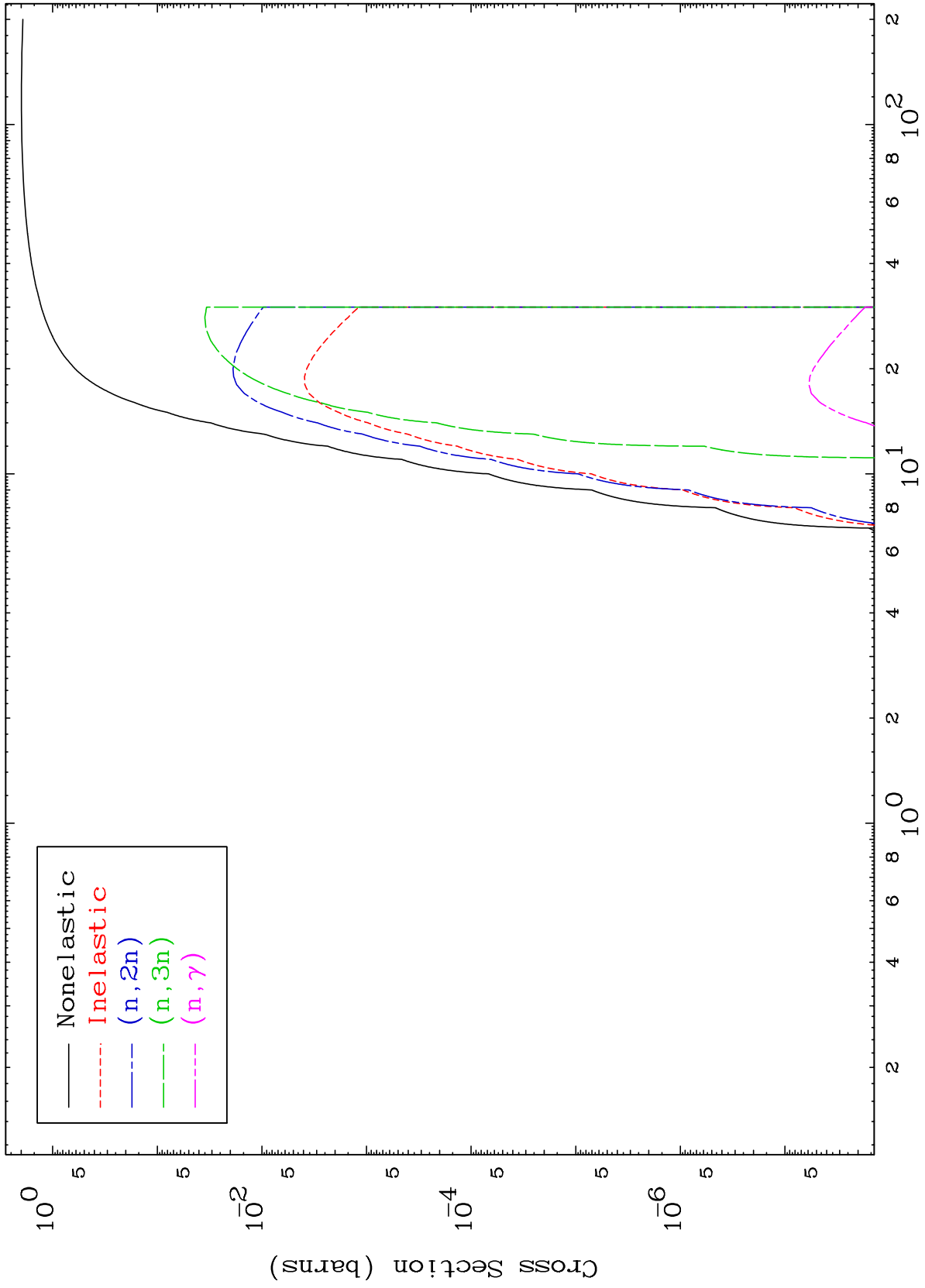
Press Mouse Button to Start

MAT 5447

He-3 Major

54-Xe-131m

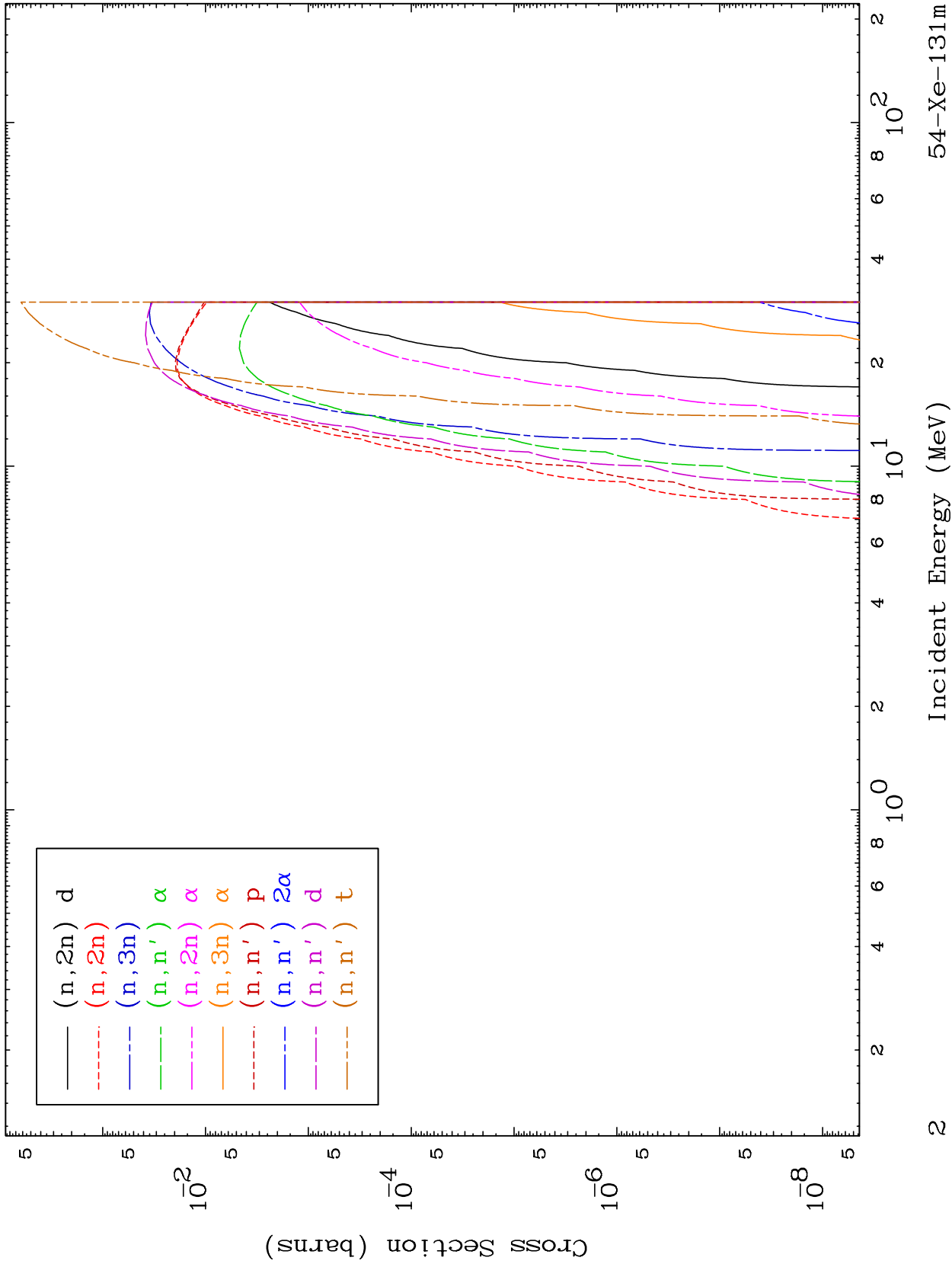
0 Kelvin Cross Sections



MAT 5447

He-3 Neutron Absorption
0 Kelvin Cross Sections

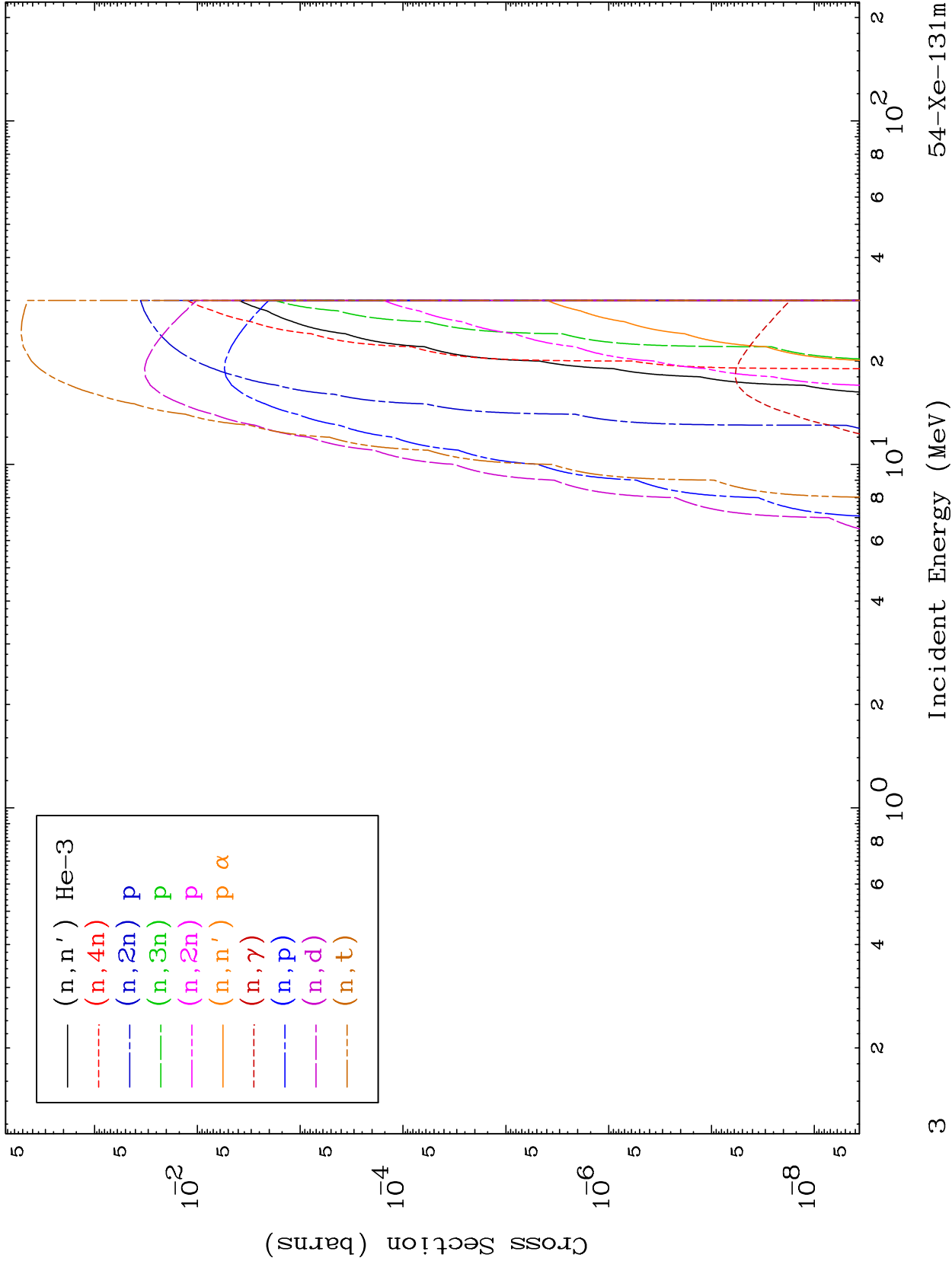
54-Xe-131m



MAT 5447

He-3 Neutron Absorption
0 Kelvin Cross Sections

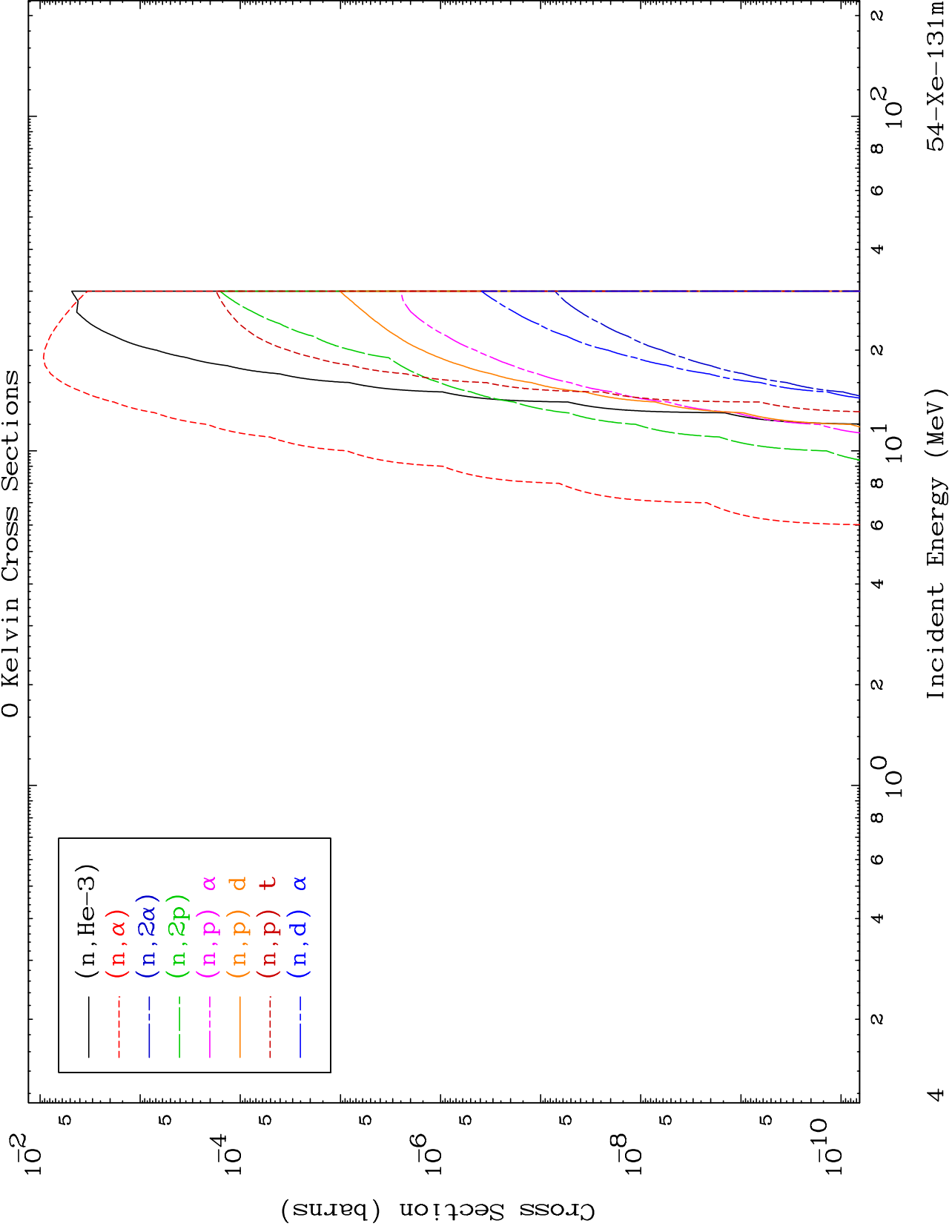
54-Xe-131m



MAT 5447

He-3 Neutron Absorption
0 Kelvin Cross Sections

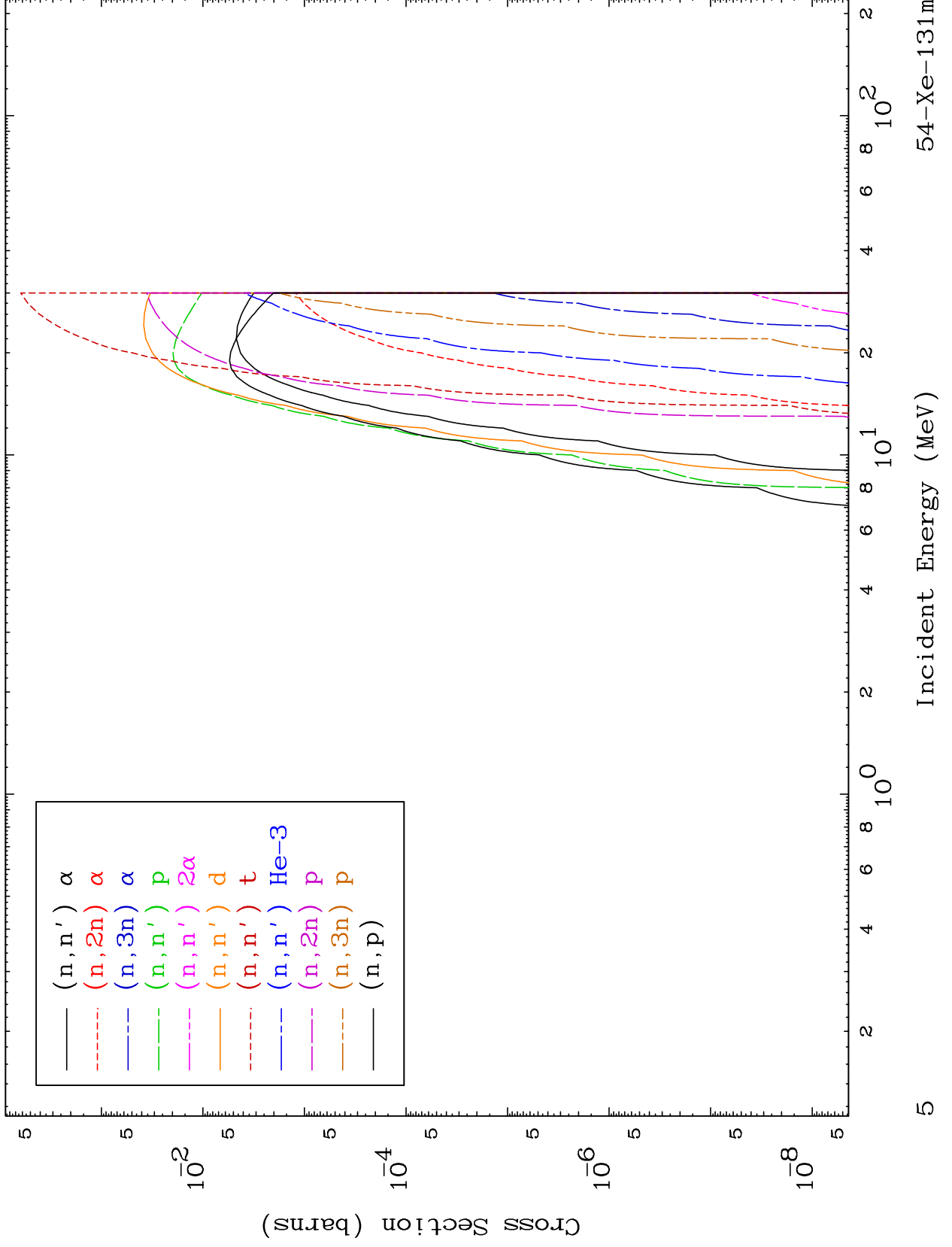
54-Xe-131m



MAT 5447

He-3 Charged Particle
0 Kelvin Cross Sections

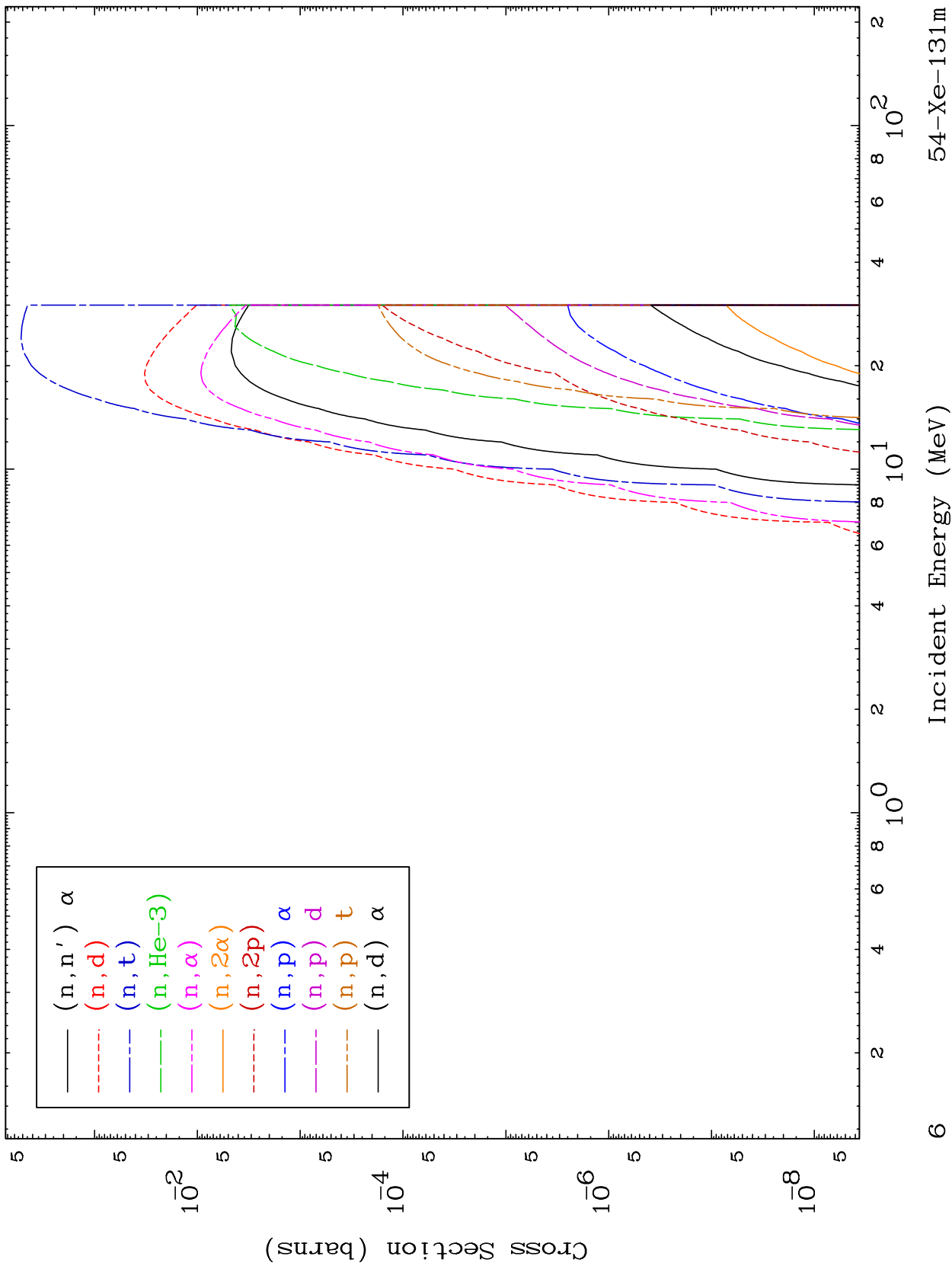
54-Xe-131m



MAT 5447

He-3 Charged Particle
0 Kelvin Cross Sections

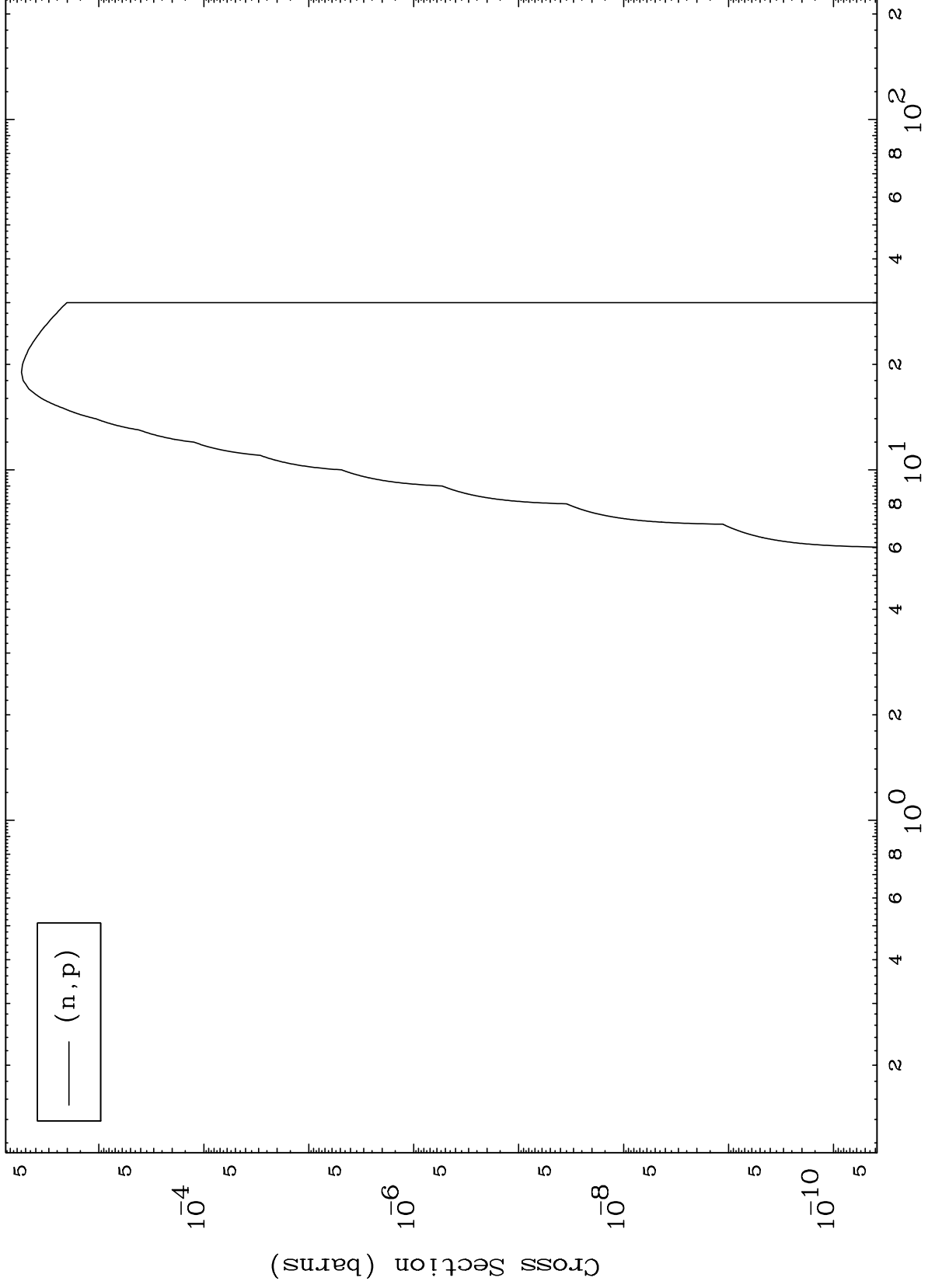
54-Xe-131m



MAT 5447

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

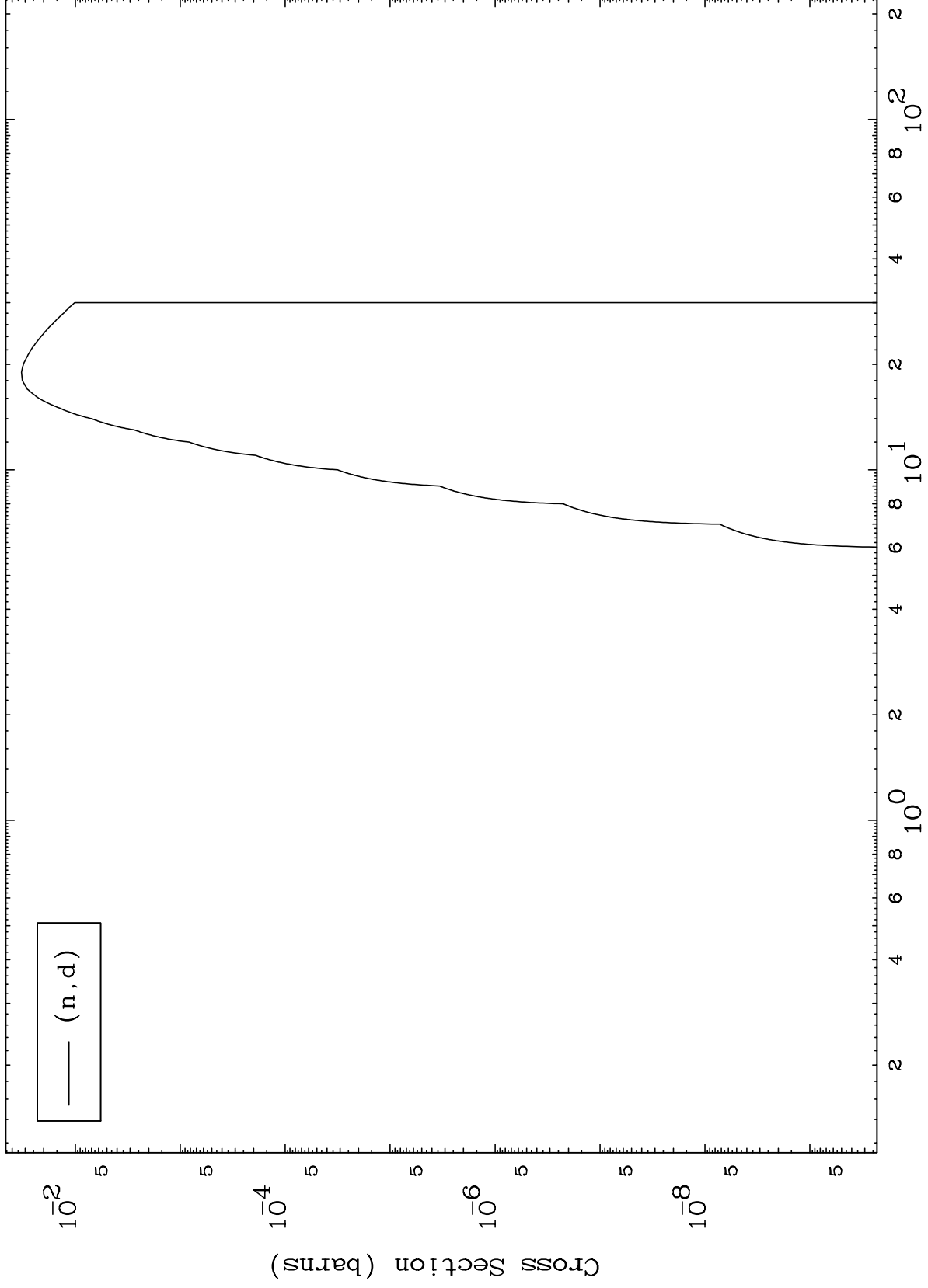
54-Xe-131m



MAT 5447

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

54-Xe-131m

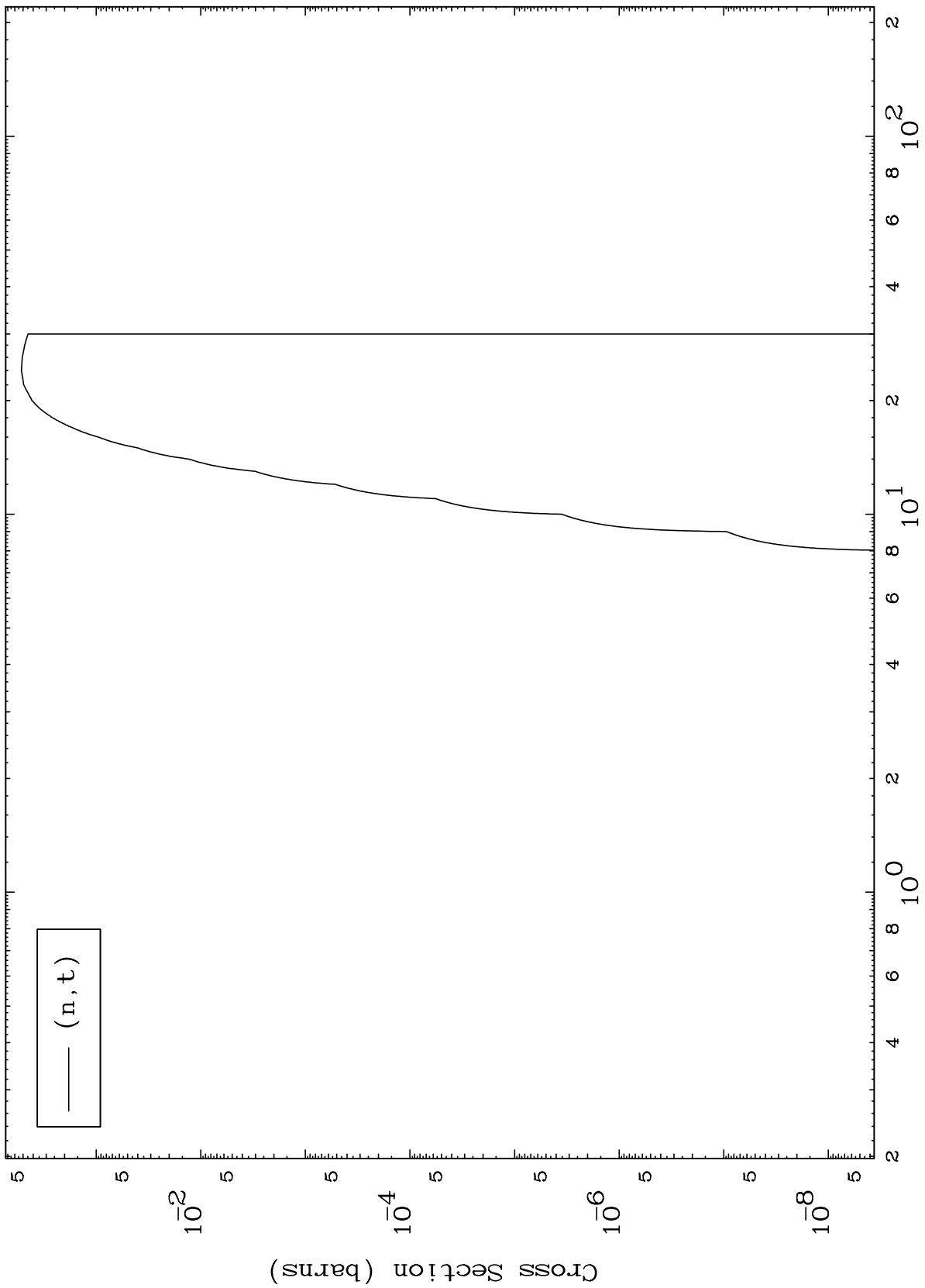


MAT 5447

(He-3,t) Levels

54-Xe-131m

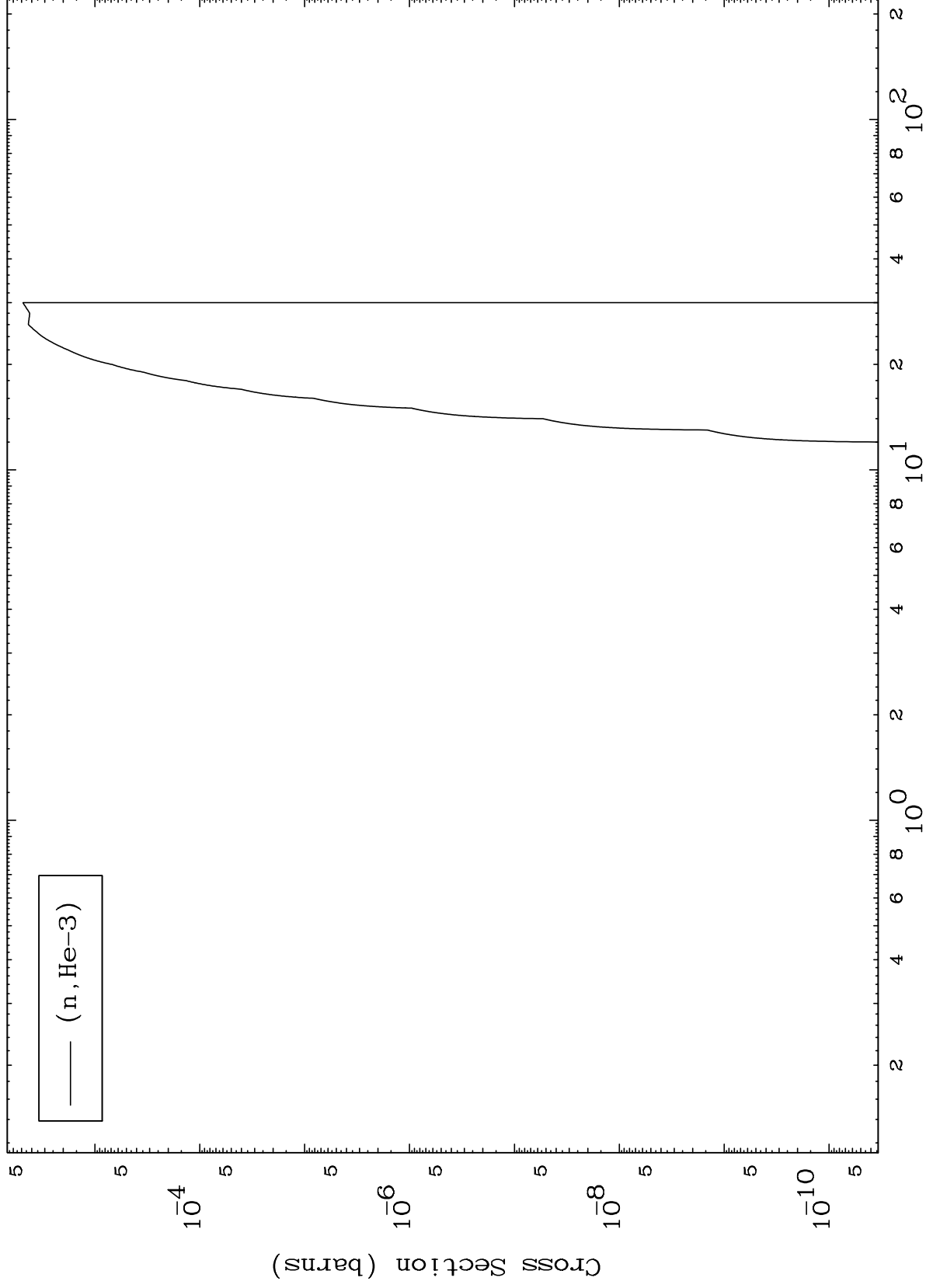
0 Kelvin Cross Sections



MAT 5447

(He-3, He3) Levels
0 Kelvin Cross Sections

54-Xe-131m



10

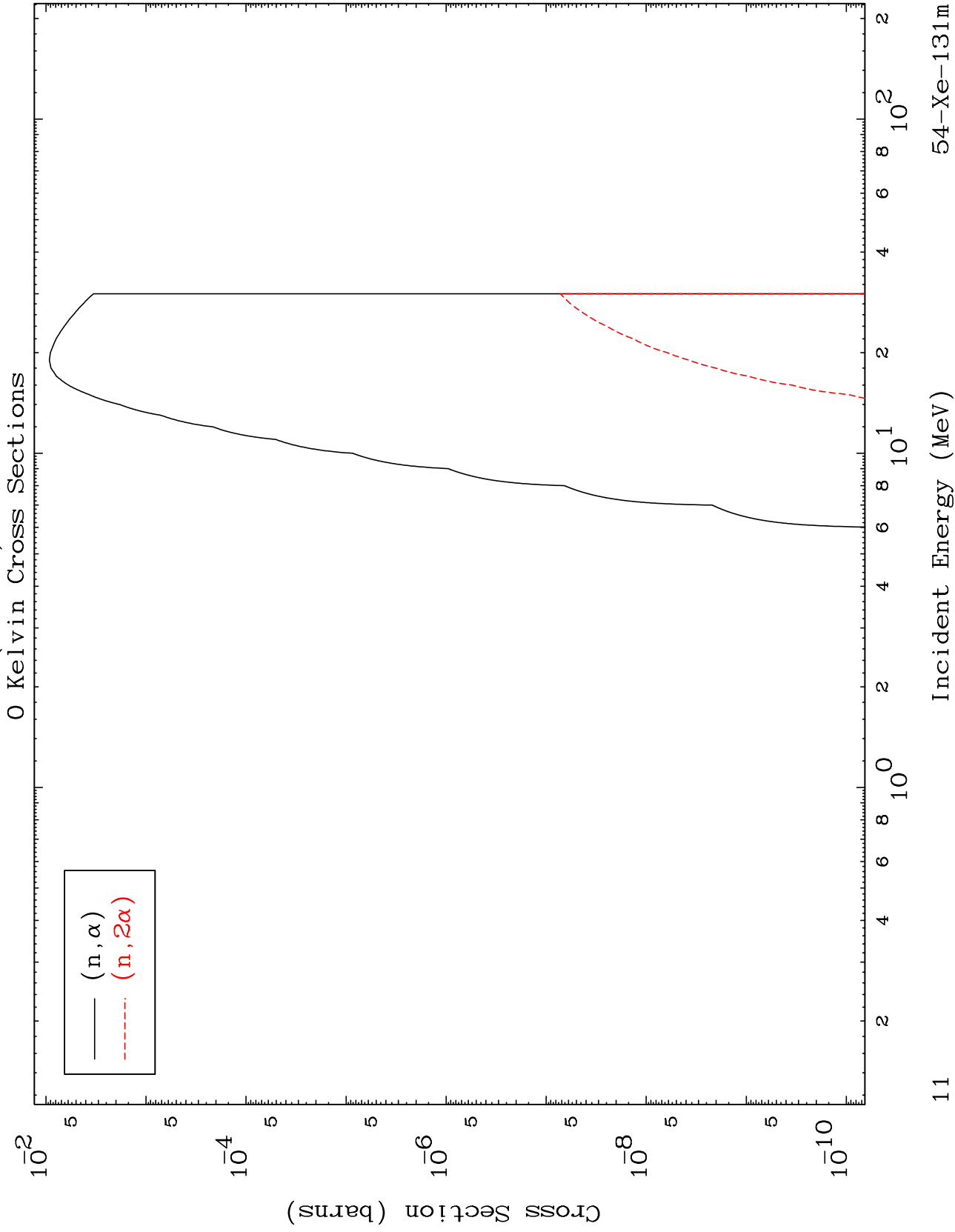
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(He-3, α) Levels

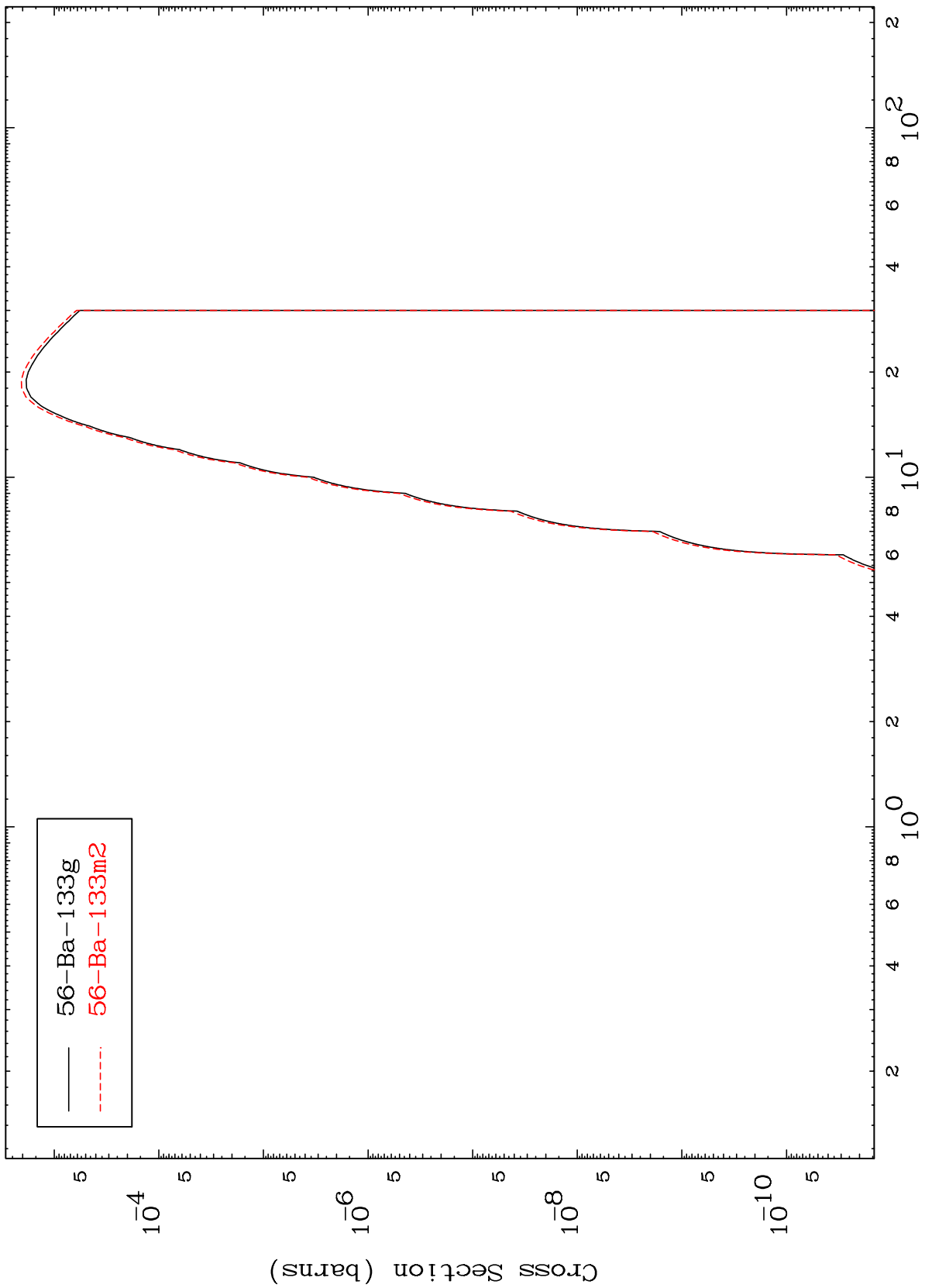
54-Xe-131m



MAT 5447

54-Xe-131m

Inelastic
Radionuclide Production Cross Section



54-Xe-131m

Incident Energy (MeV)

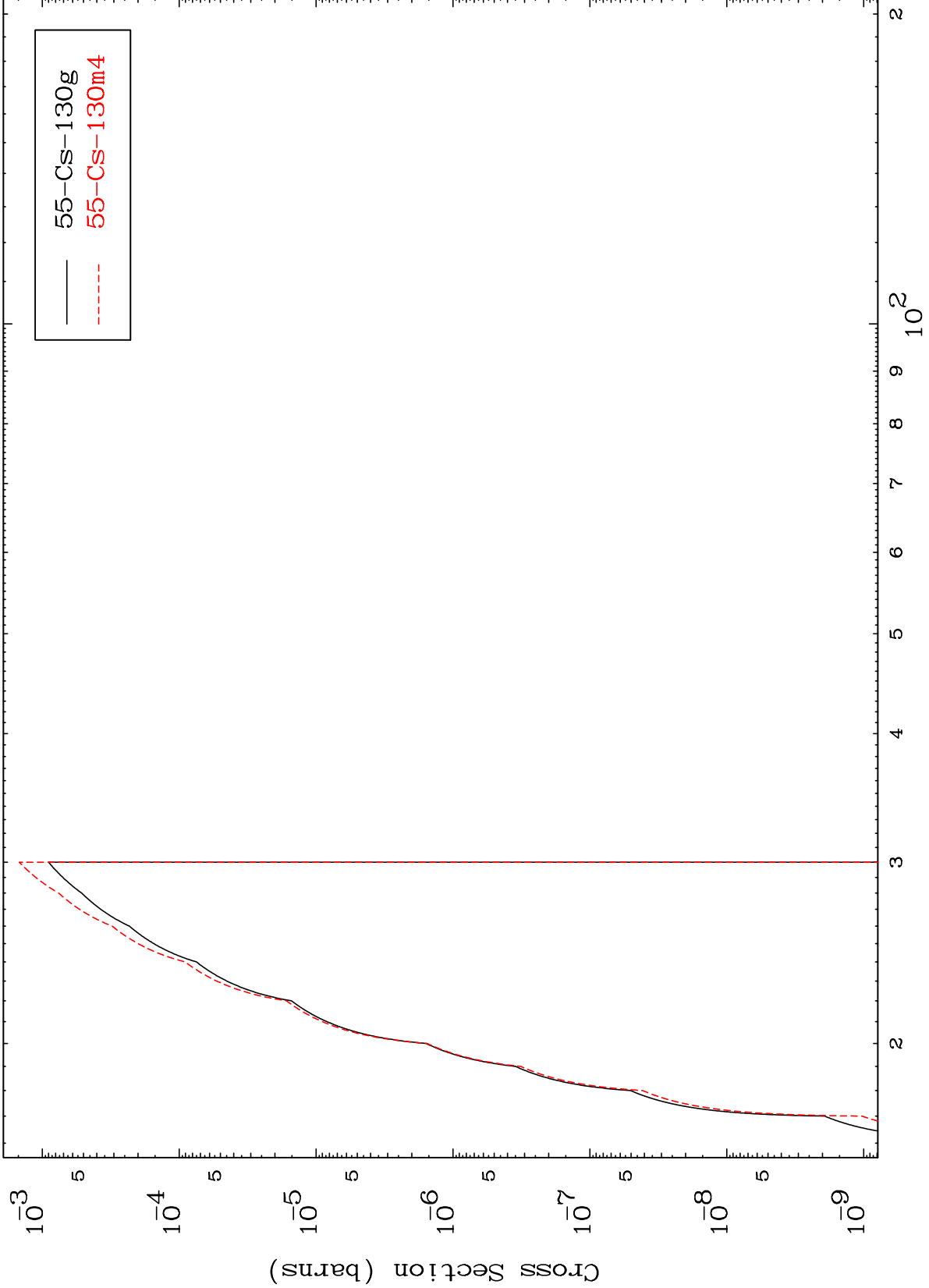
12

MAT 5447

(n,2n) d

54-Xe-131m

Radionuclide Production Cross Section



13

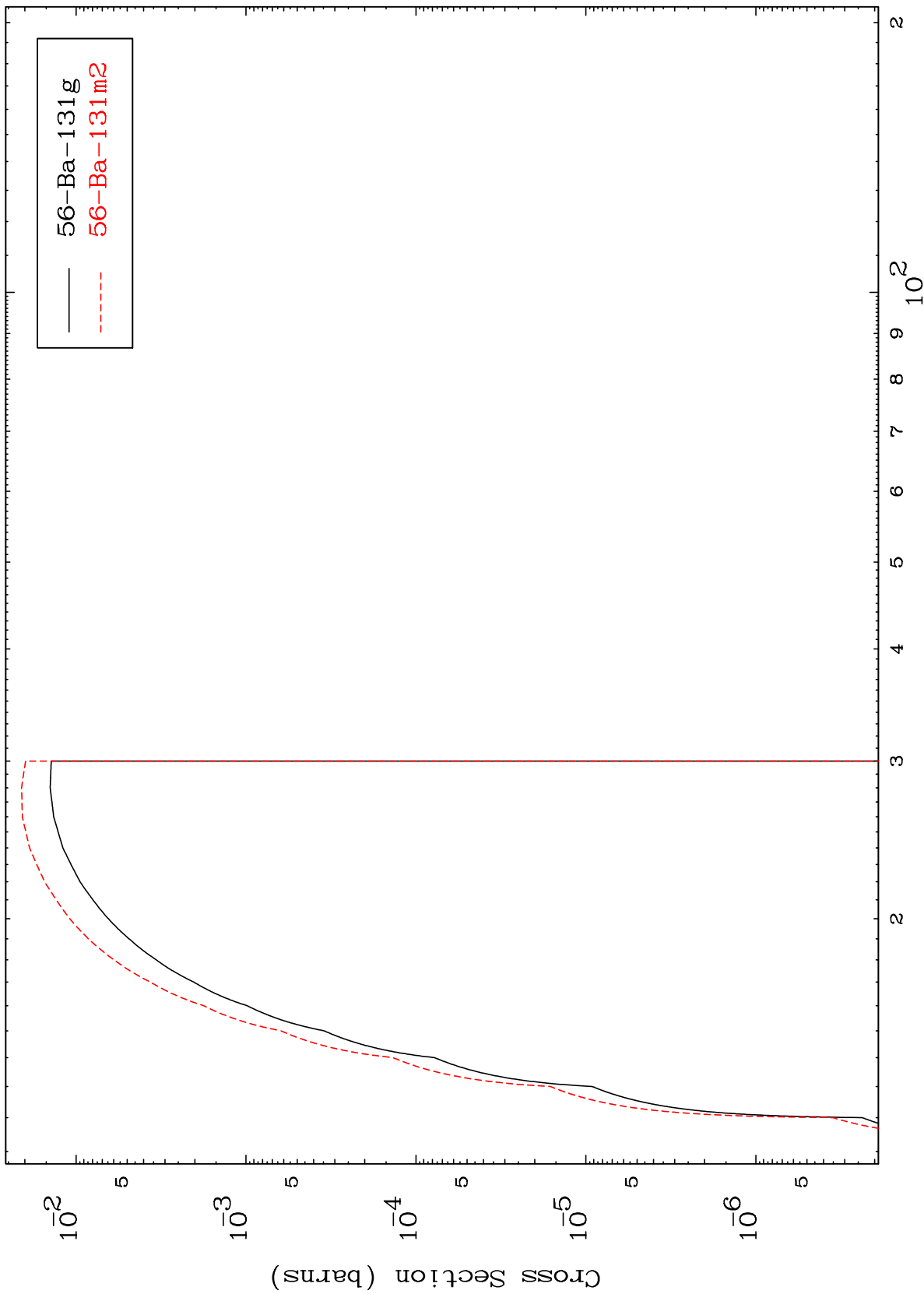
Incident Energy (MeV)

54-Xe-131m

MAT 5447

54-Xe-131m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

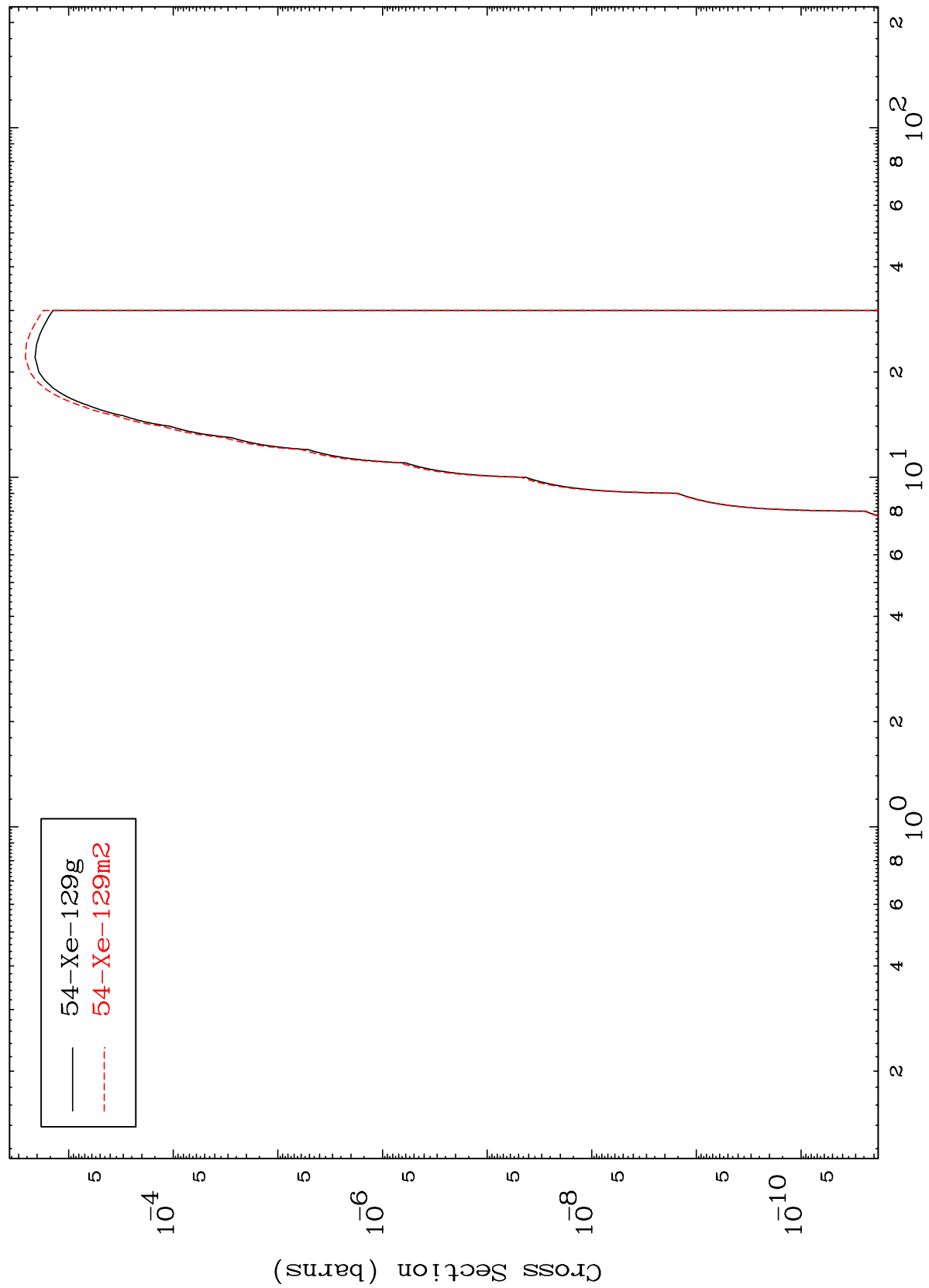
54-Xe-131m

MAT 5447

(n,n') α

54-Xe-131m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

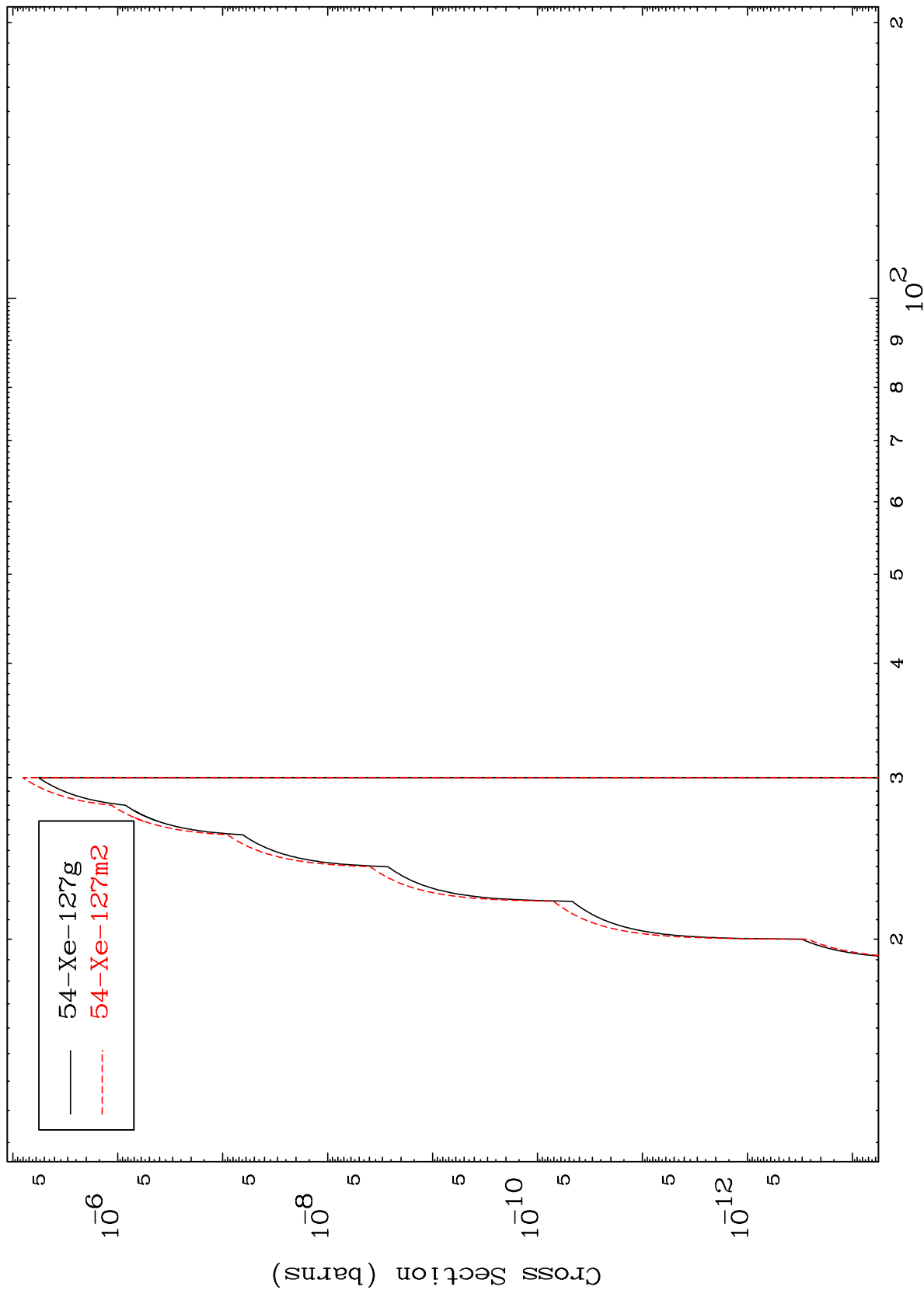
54-Xe-131m

MAT 5447

(n,3n) α

54-Xe-131m

Radionuclide Production Cross Section

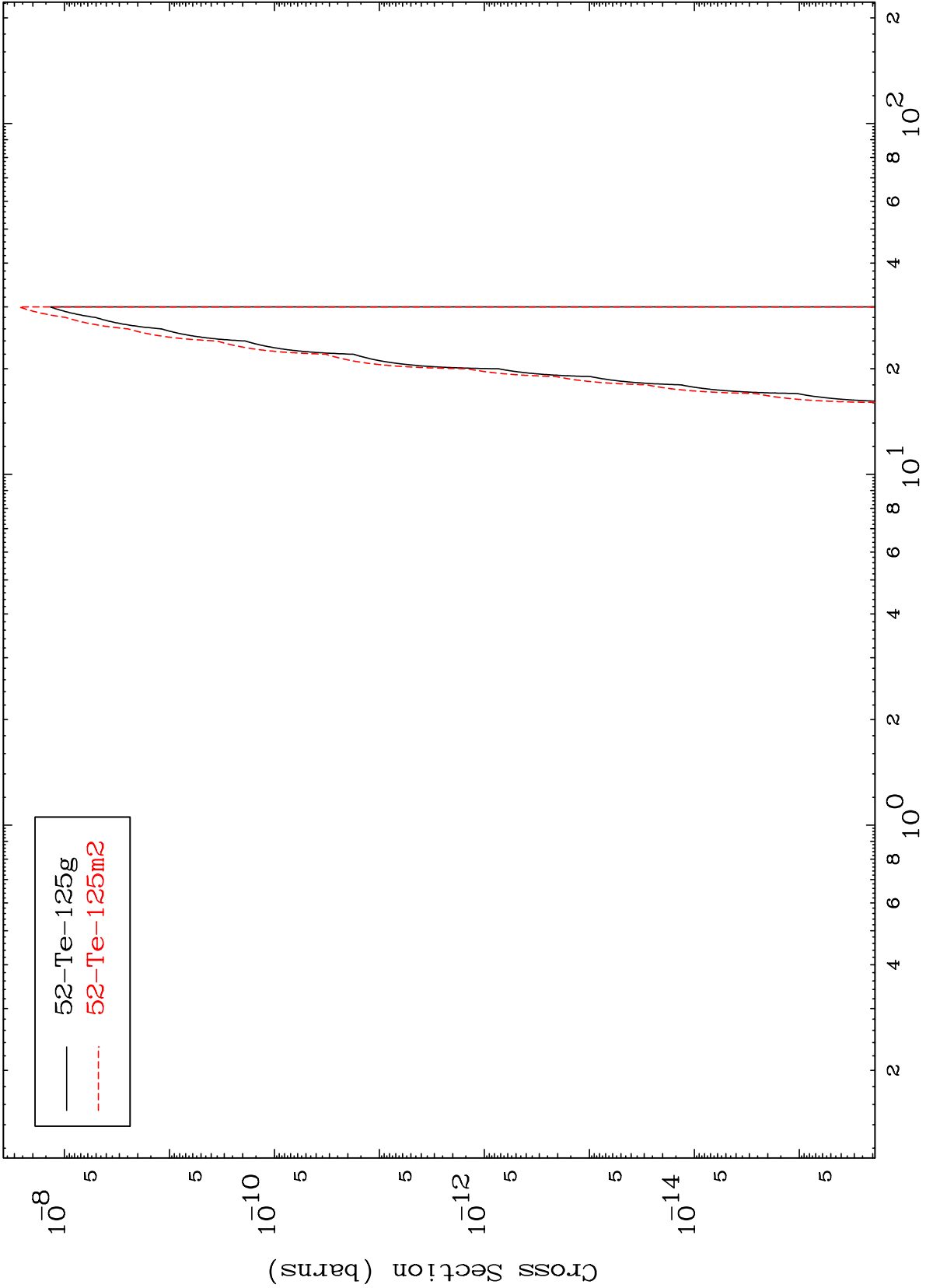


MAT 5447

(n,n') 2 α

54-Xe-131m

Radionuclide Production Cross Section



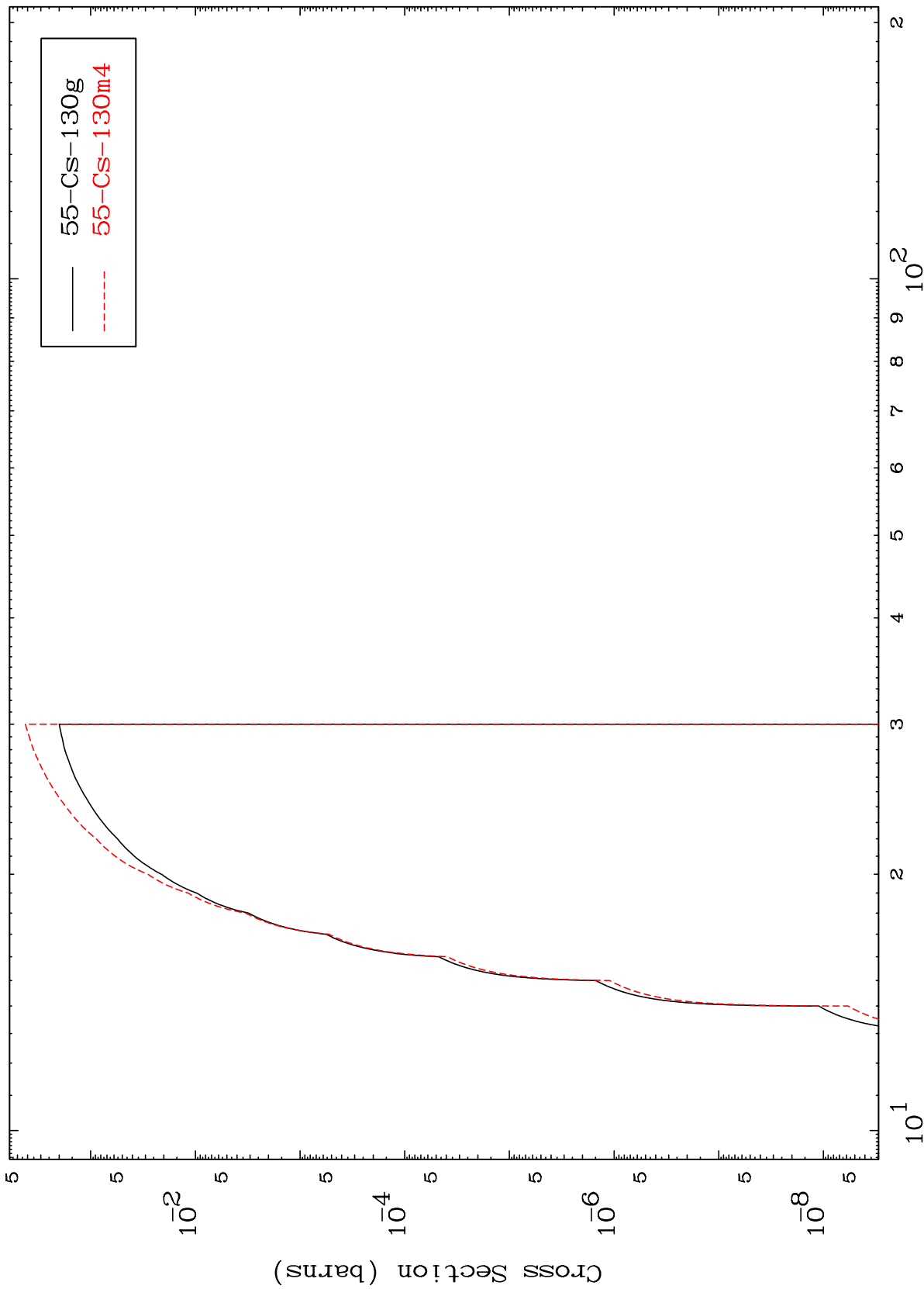
52-Te-125g
52-Te-125m2

MAT 5447

(n,n') t

54-Xe-131m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

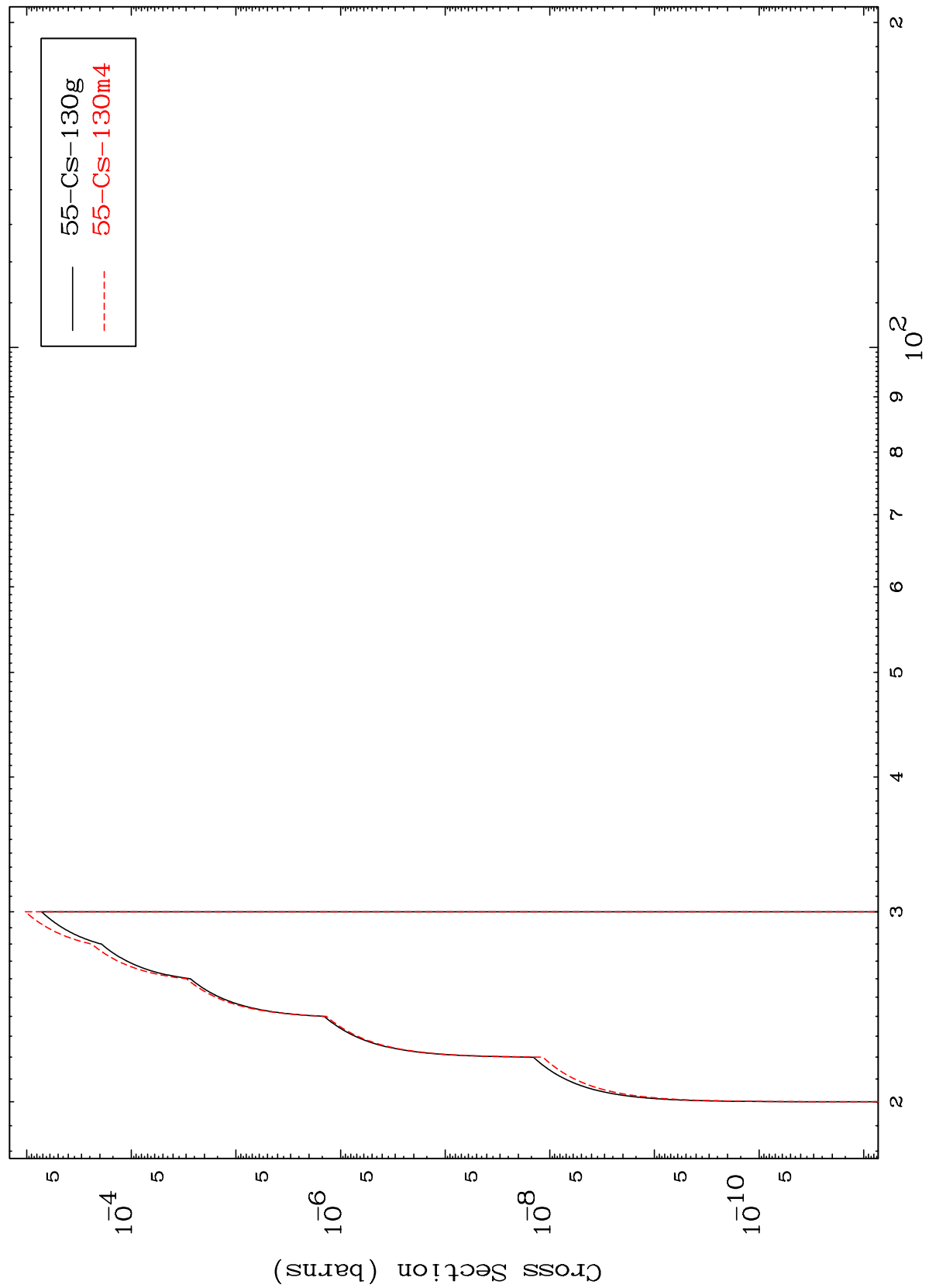
54-Xe-131m

MAT 5447

(n,3n) p

54-Xe-131m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

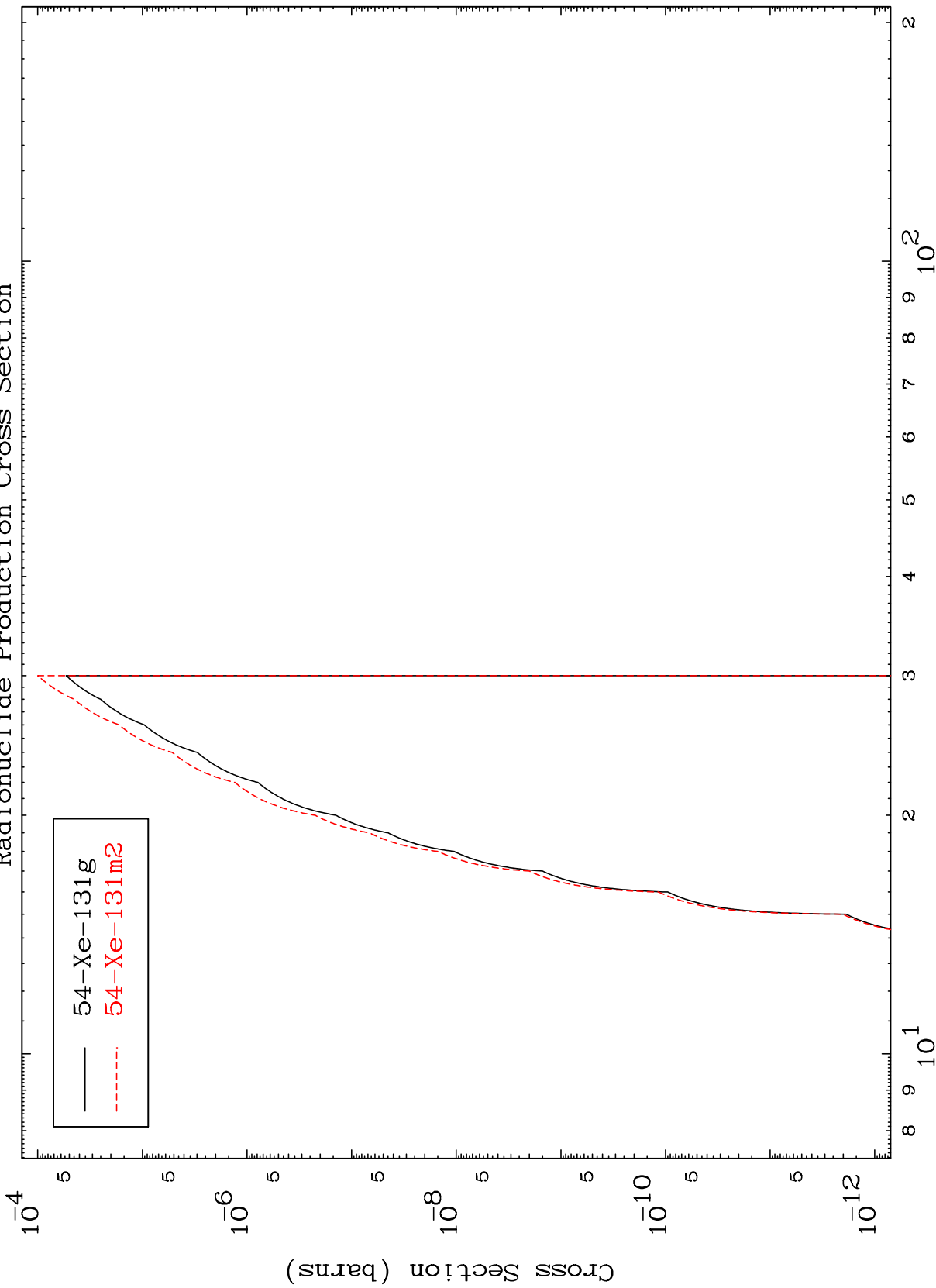
54-Xe-131m

MAT 5447

(n,2n) p

54-Xe-131m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-131m

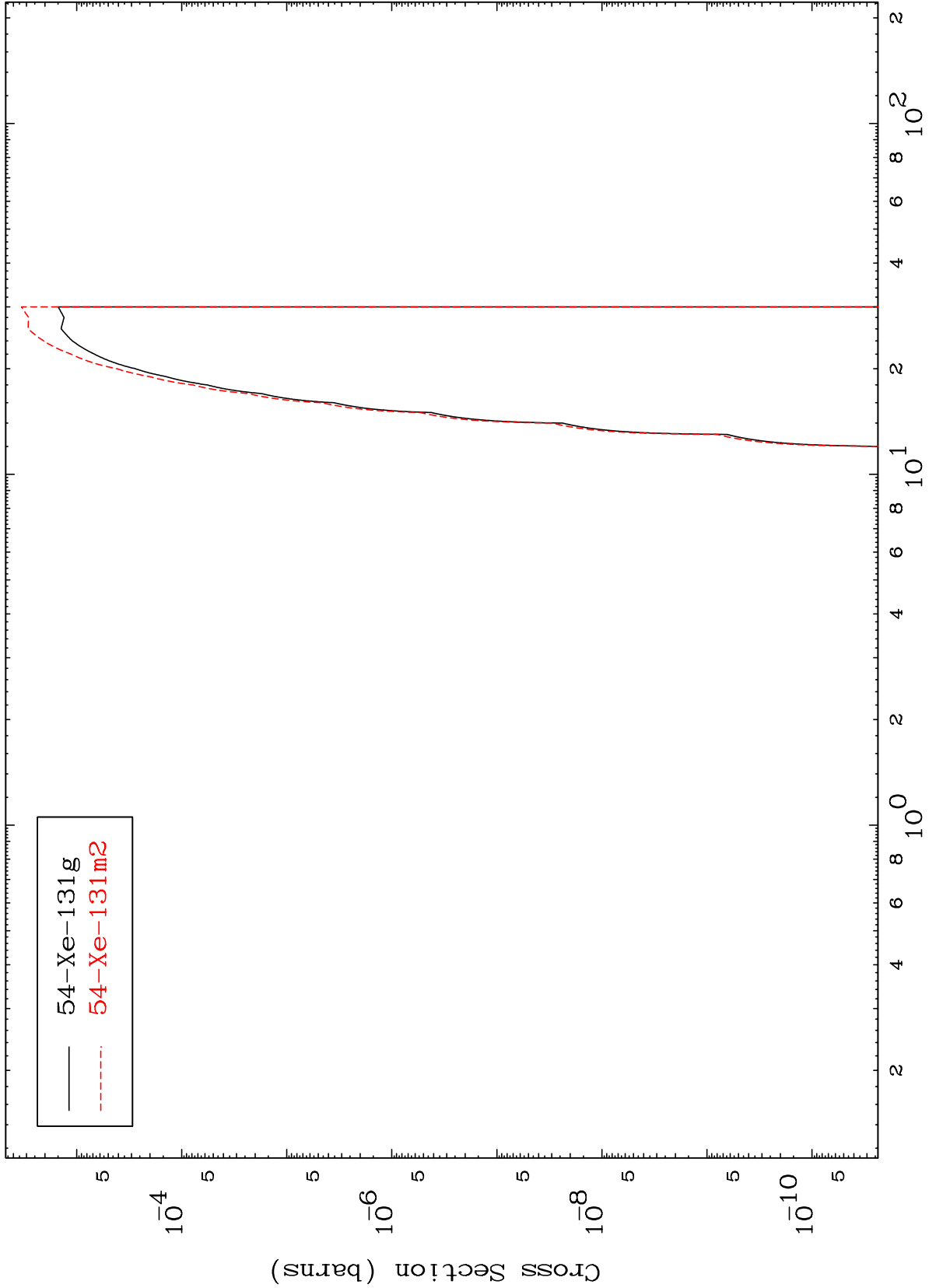
20

MAT 5447

(n,He-3)

54-Xe-131m

Radionuclide Production Cross Section

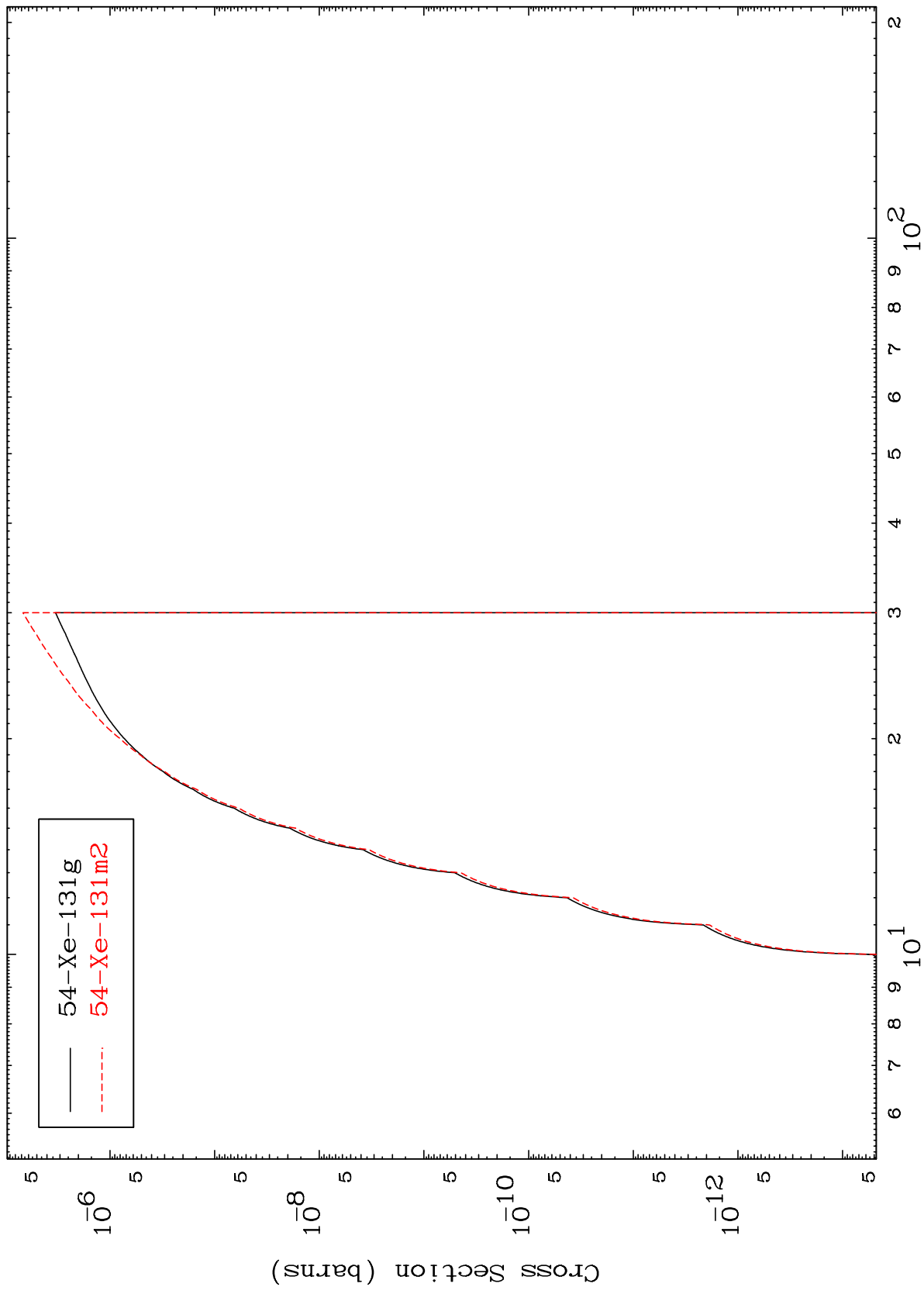


MAT 5447

(n,p) d

54-Xe-131m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

54-Xe-131m