

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

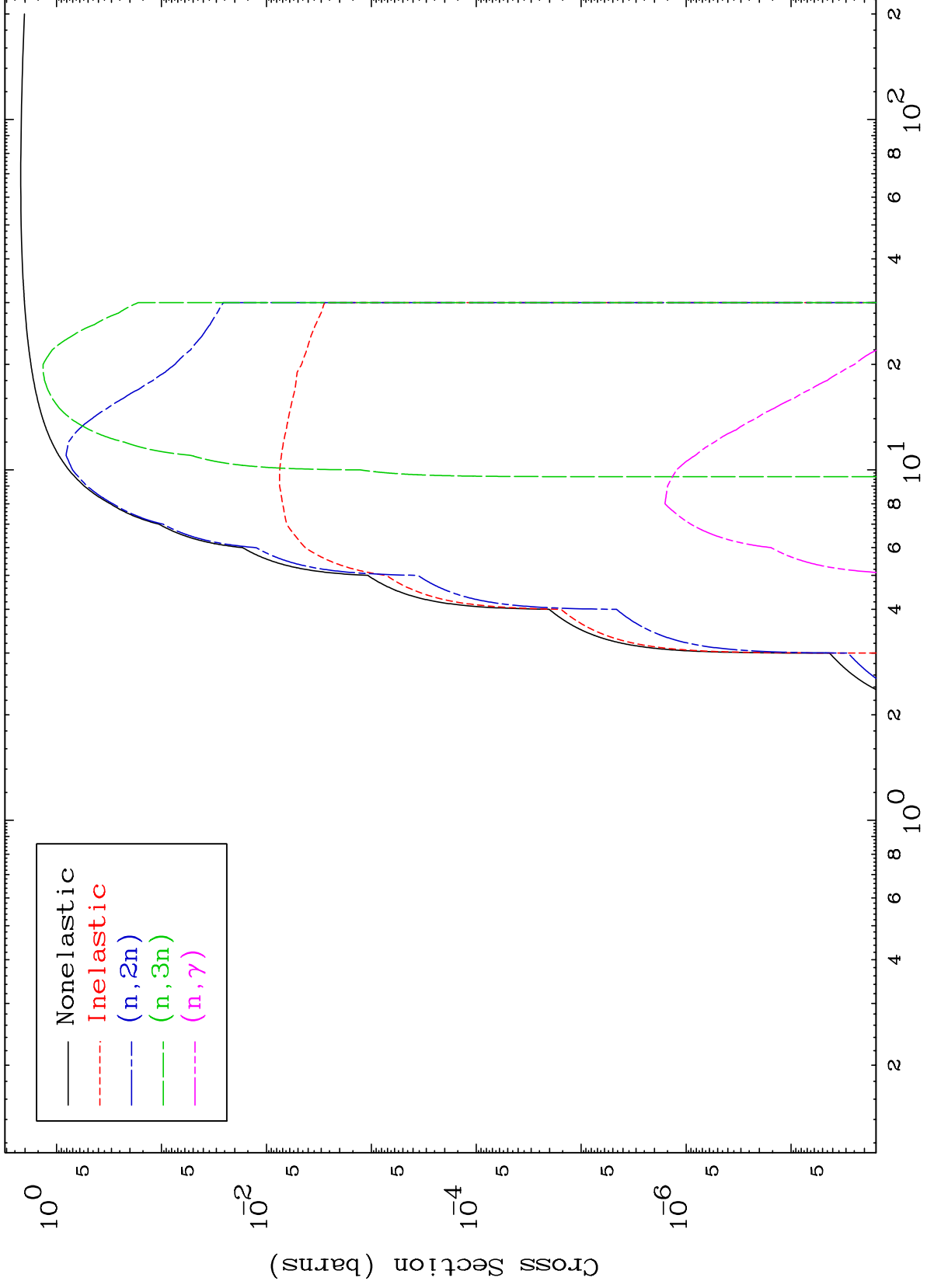
Press Mouse Button to Start

MAT 5461

Triton Major

54-Xe-136

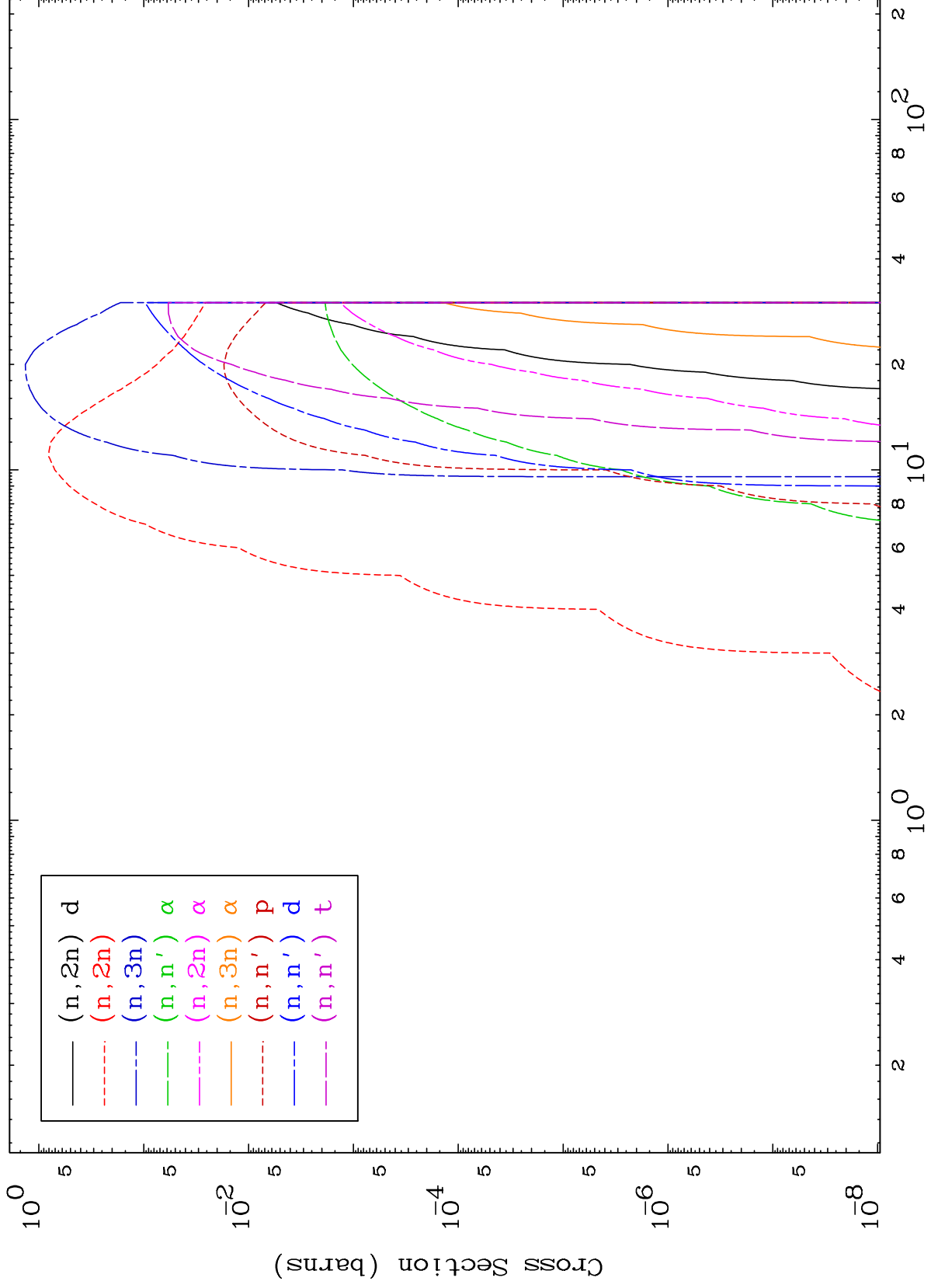
0 Kelvin Cross Sections



MAT 5461

Triton Neutron Absorption
0 Kelvin Cross Sections

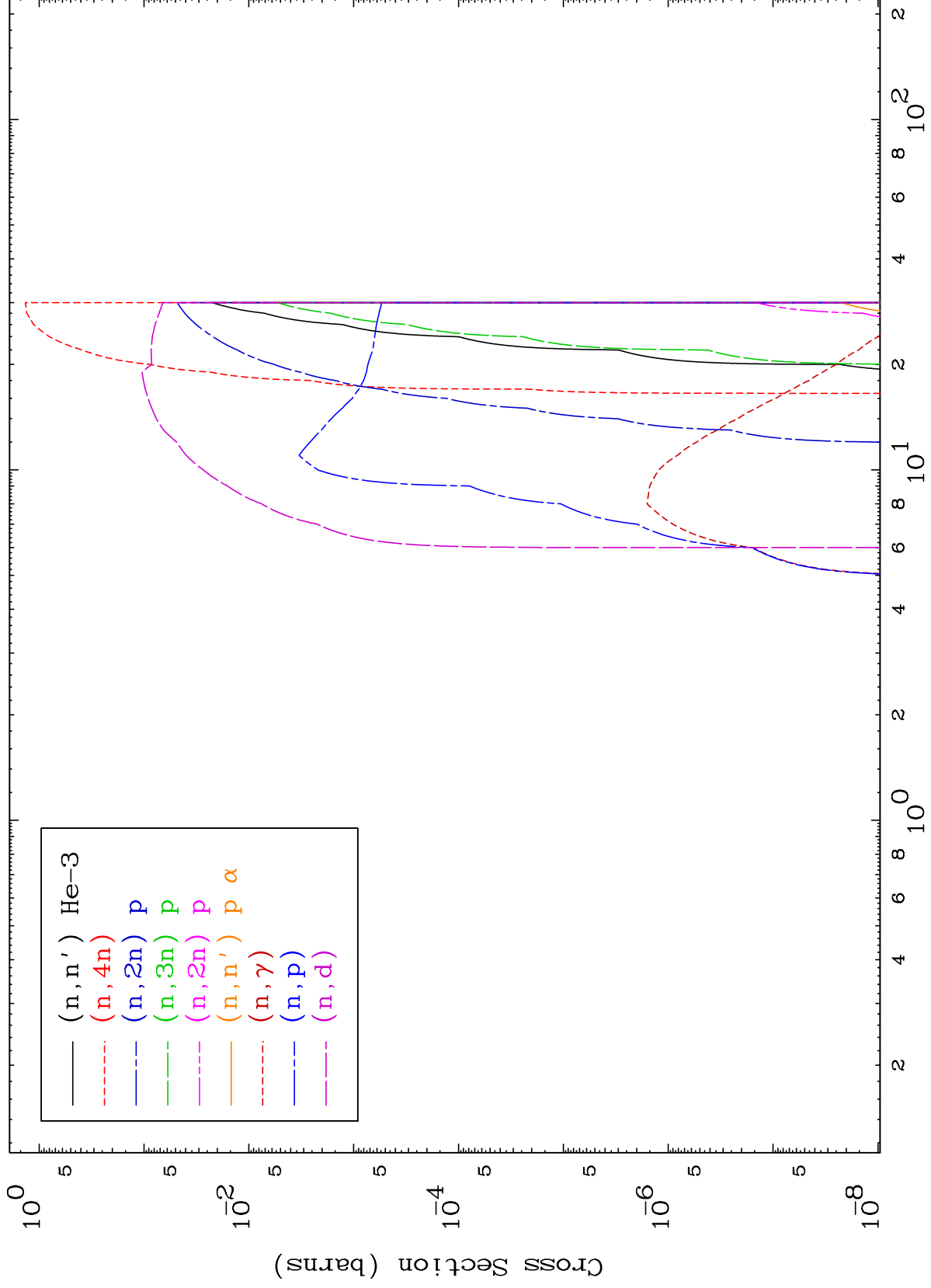
54-Xe-136



MAT 5461

Triton Neutron Absorption
0 Kelvin Cross Sections

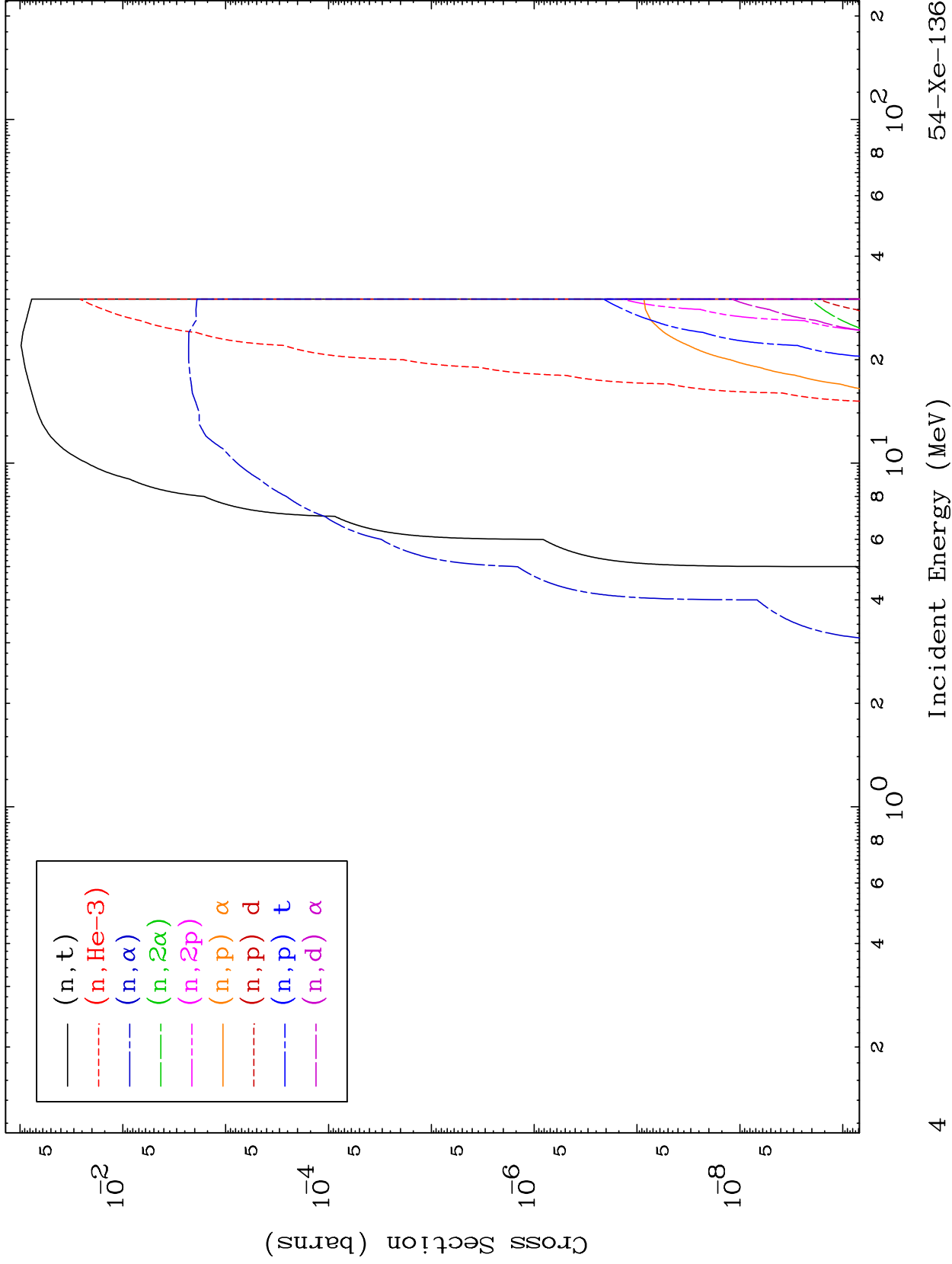
54-Xe-136

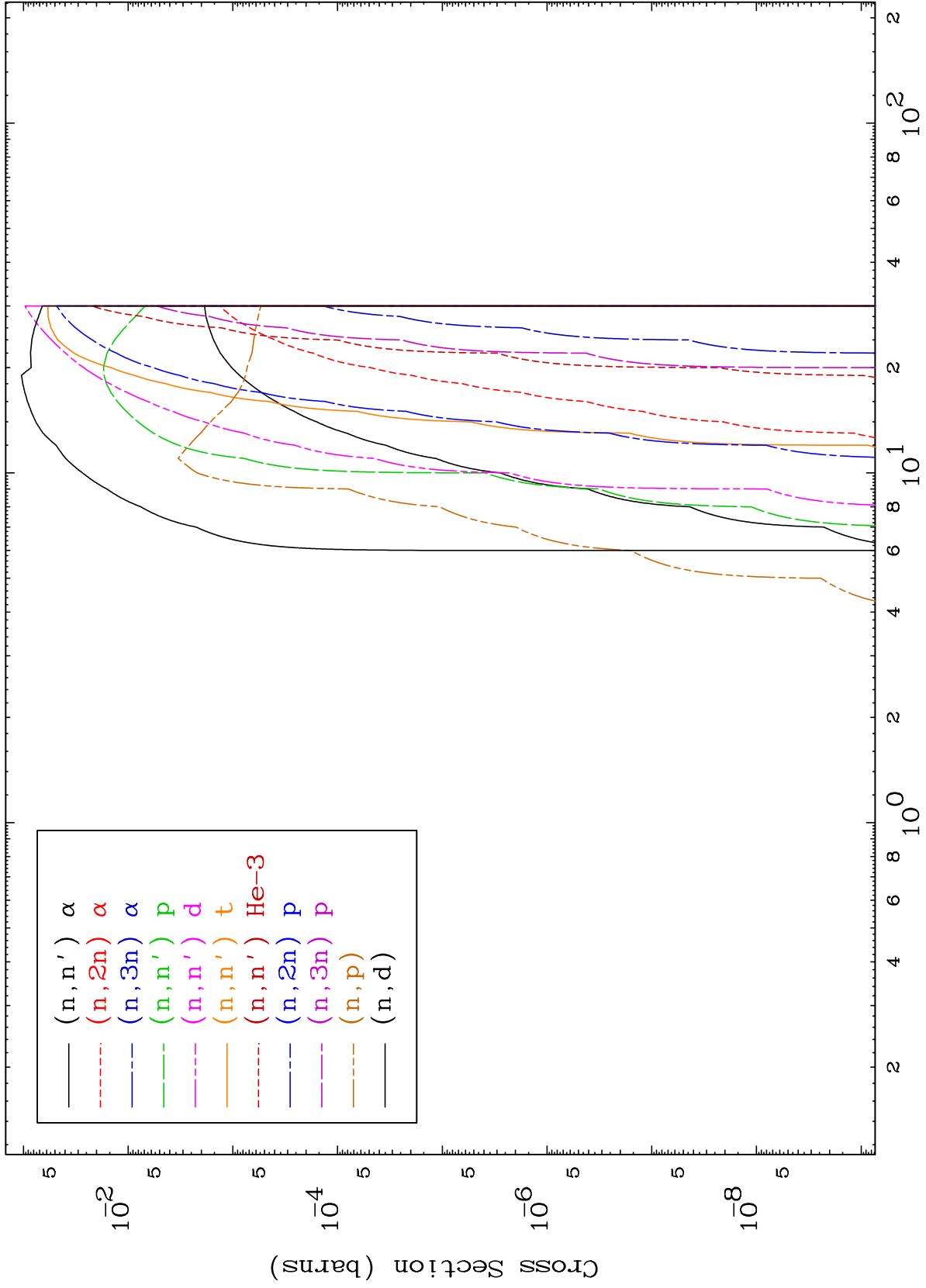


MAT 5461

Triton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-136

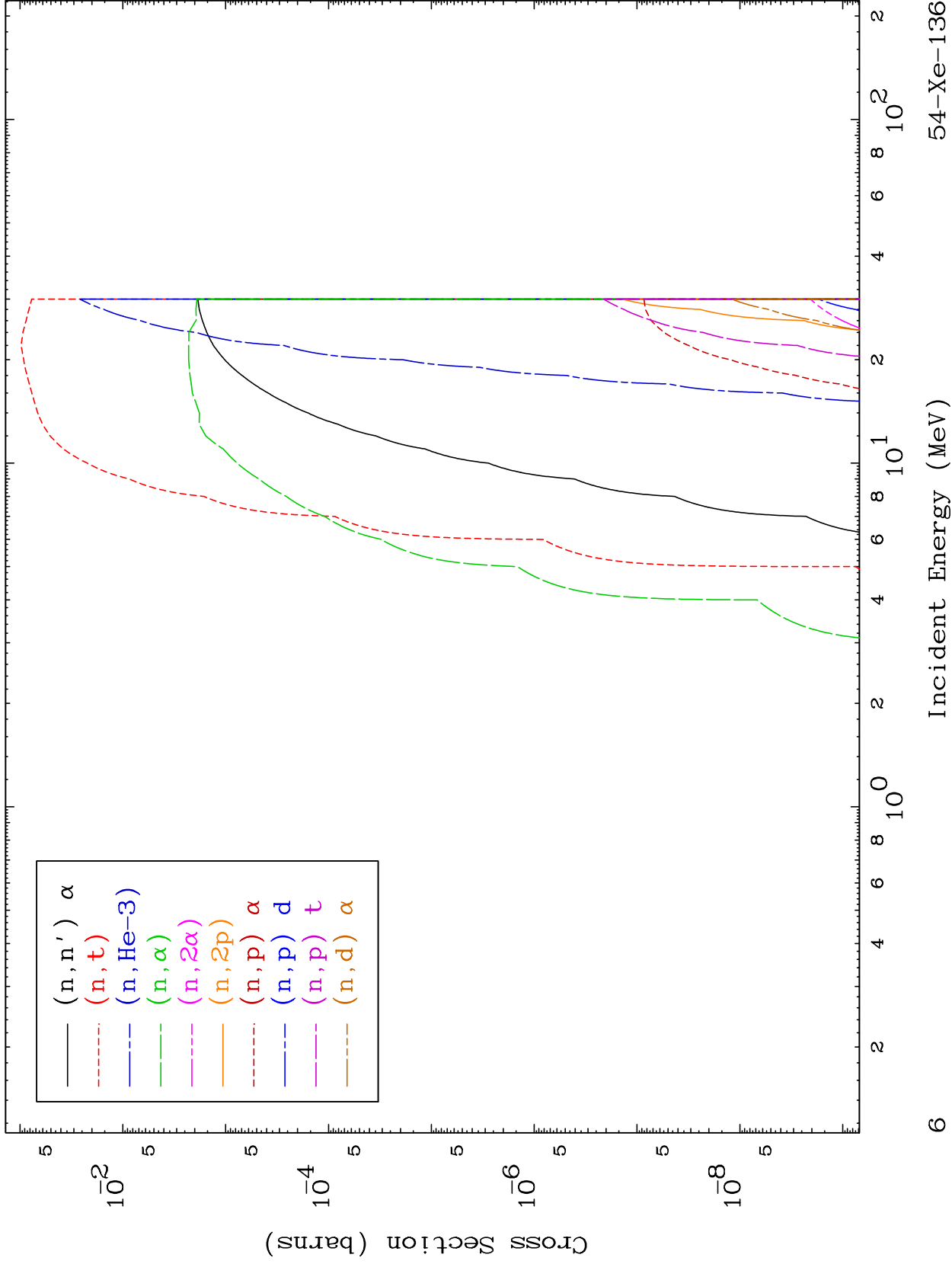




MAT 5461

Triton Charged Particle
0 Kelvin Cross Sections

54-Xe-136

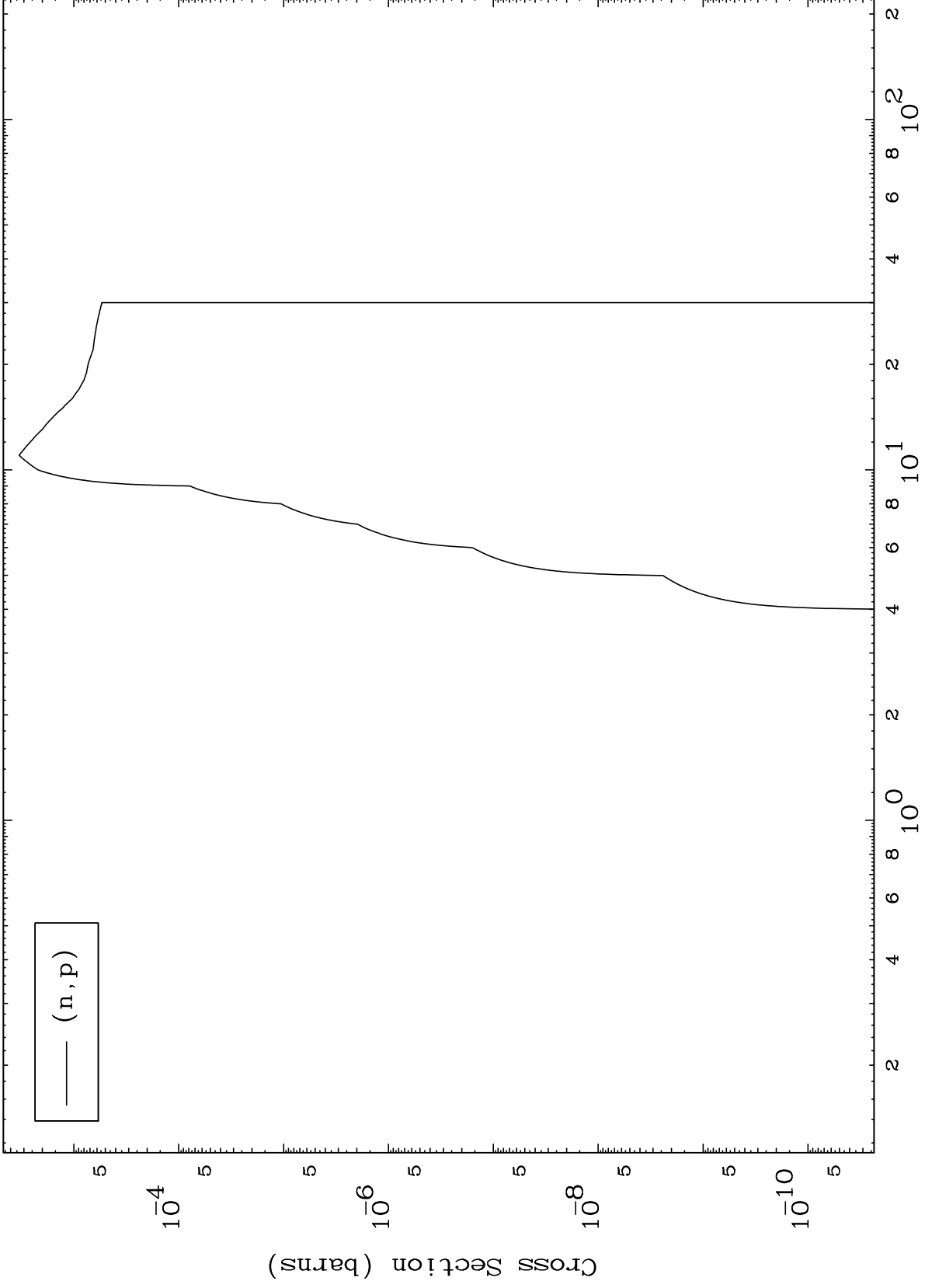


MAT 5461

(t, p) Levels

54-Xe-136

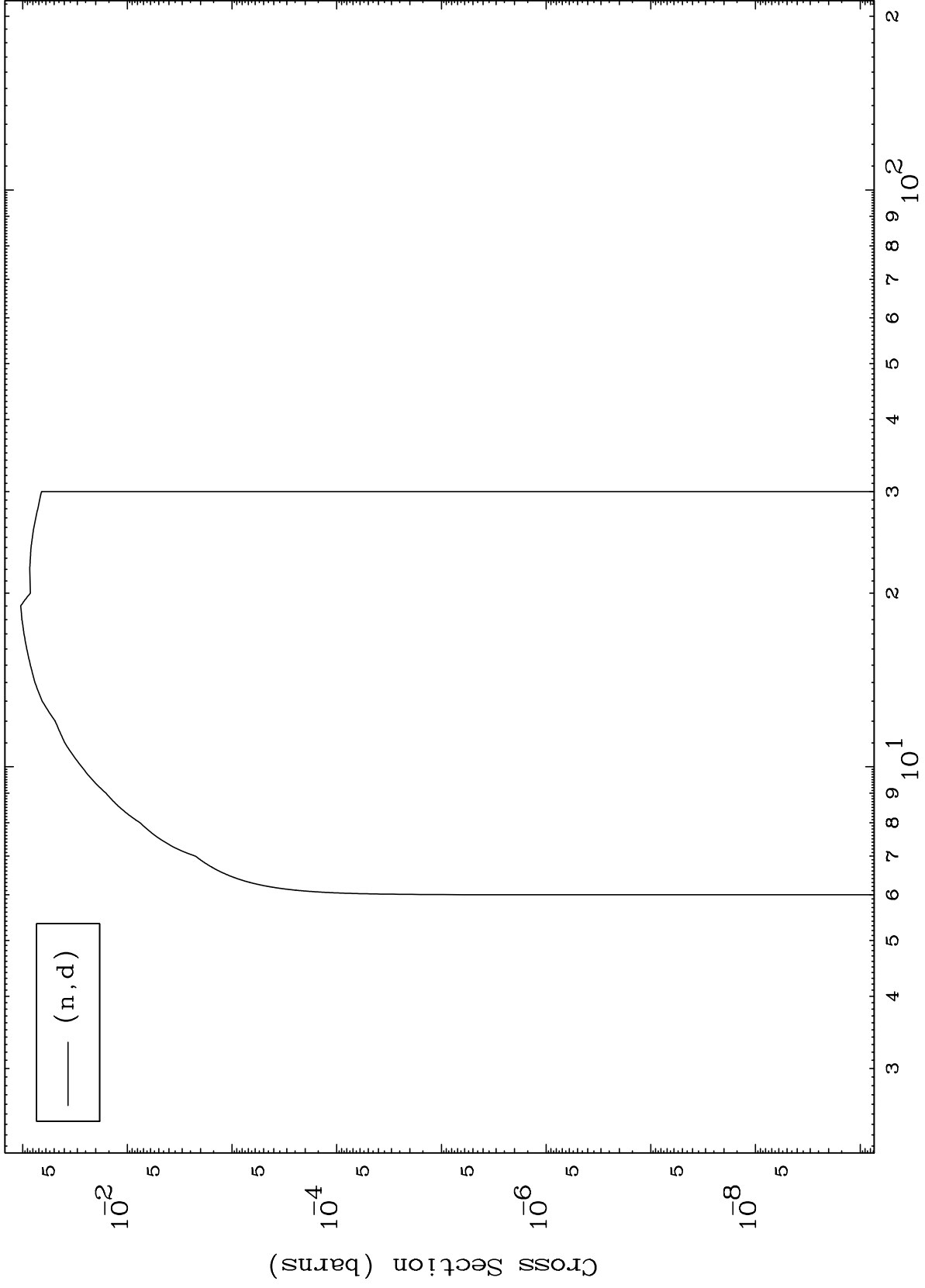
0 Kelvin Cross Sections



MAT 5461

54-Xe-136

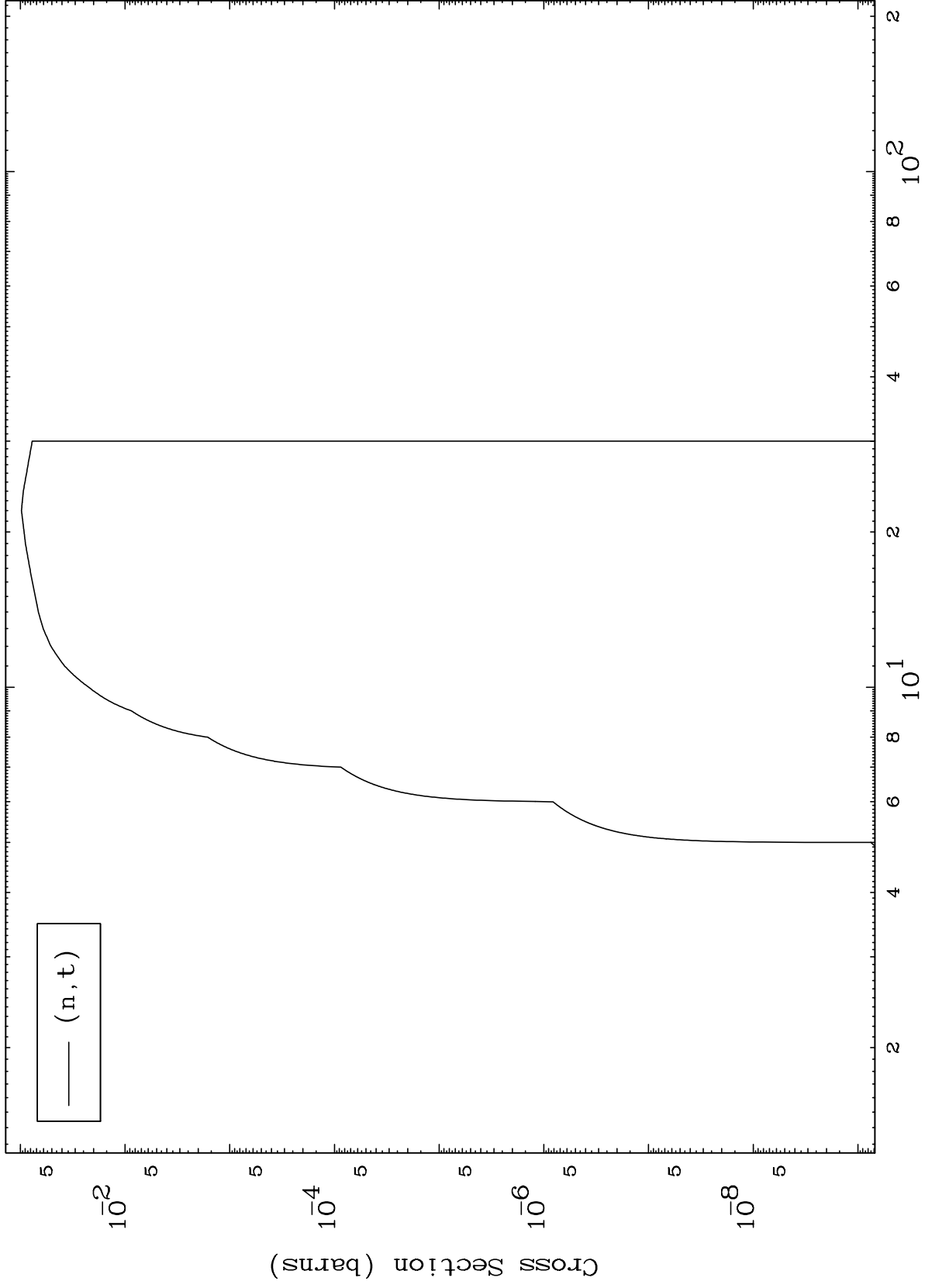
(t,d) Levels
0 Kelvin Cross Sections



MAT 5461

(t, t) Levels
0 Kelvin Cross Sections

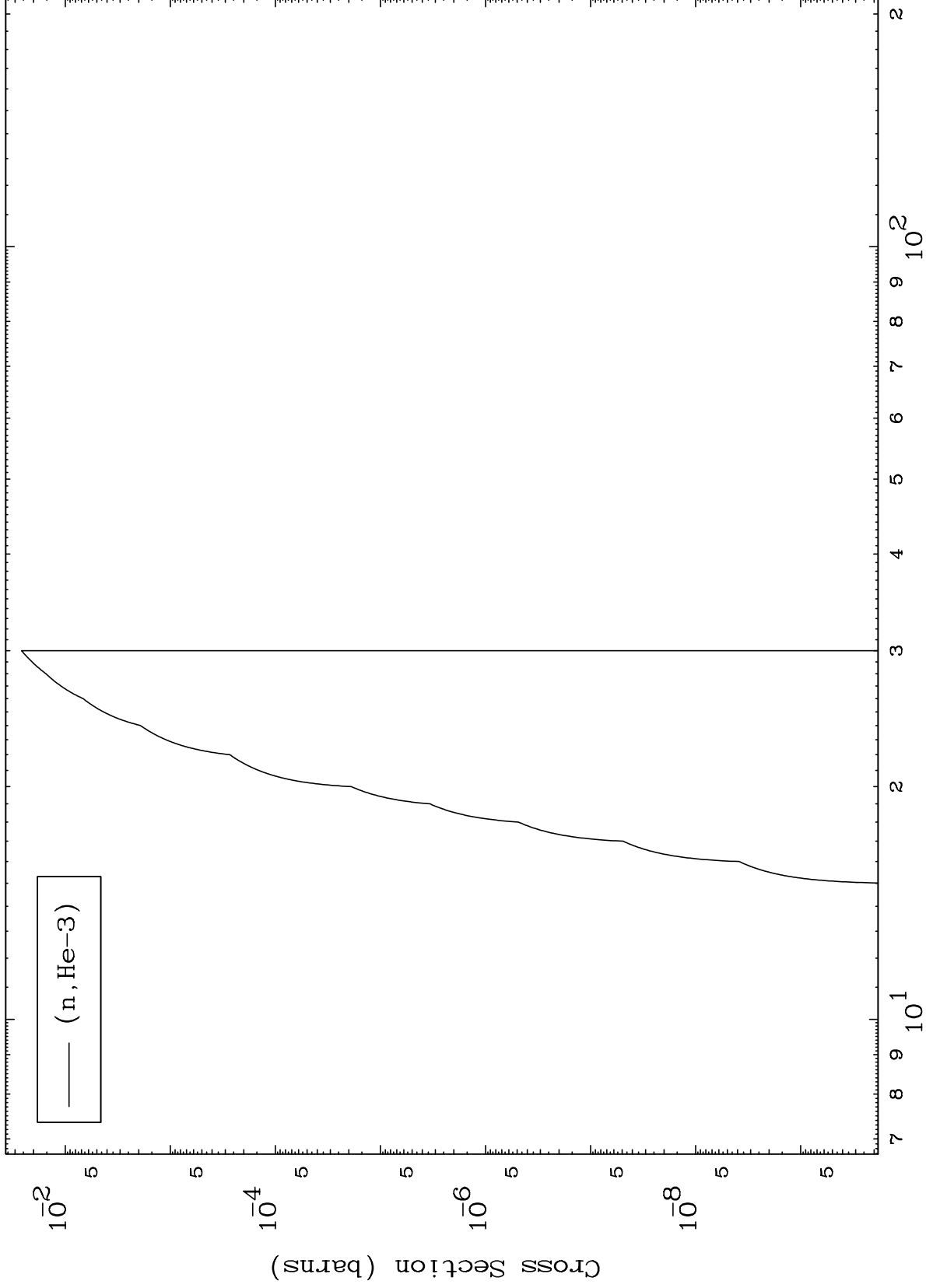
54-Xe-136



MAT 5461

(t,He3) Levels
0 Kelvin Cross Sections

54-Xe-136



10

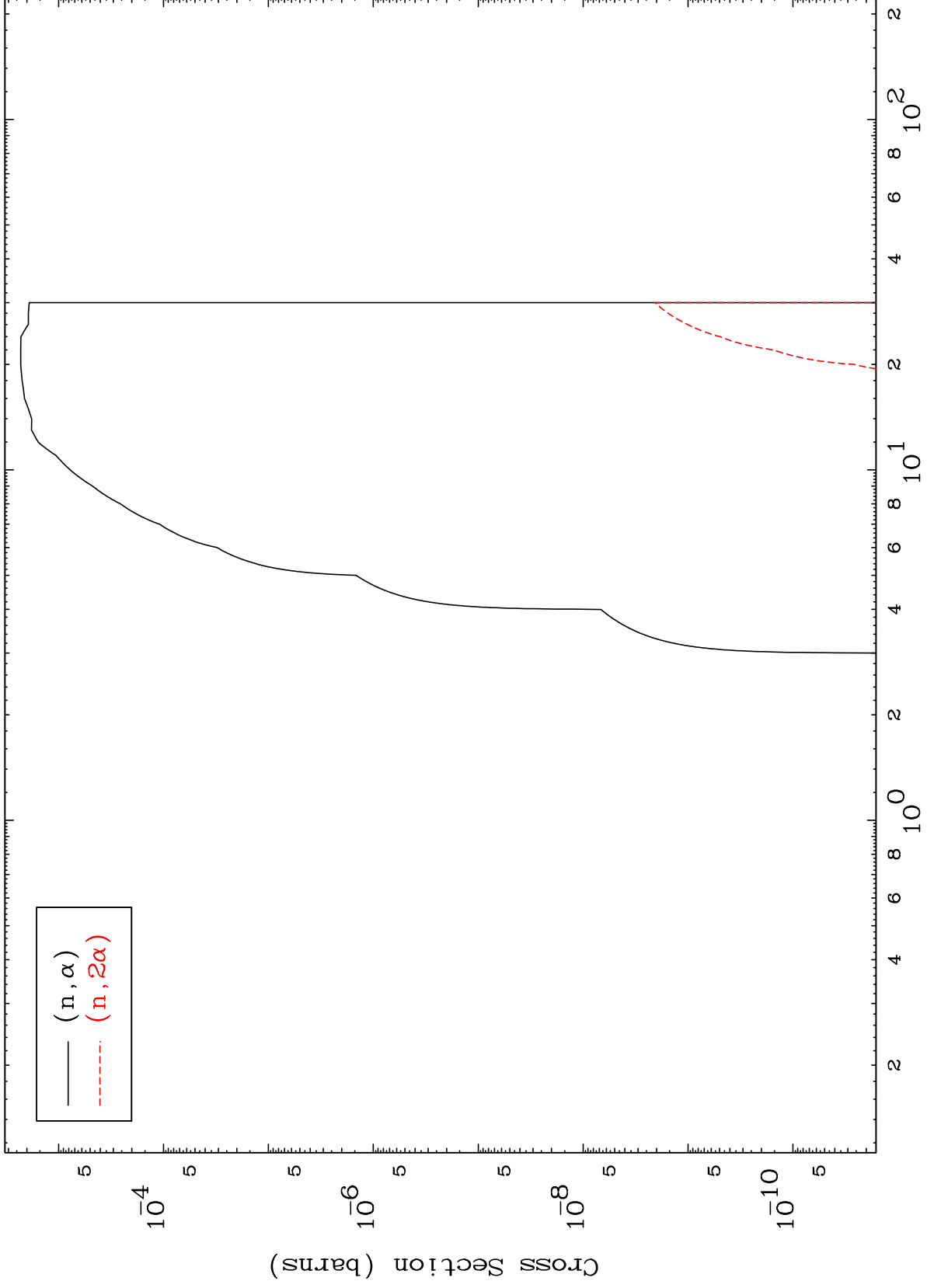
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

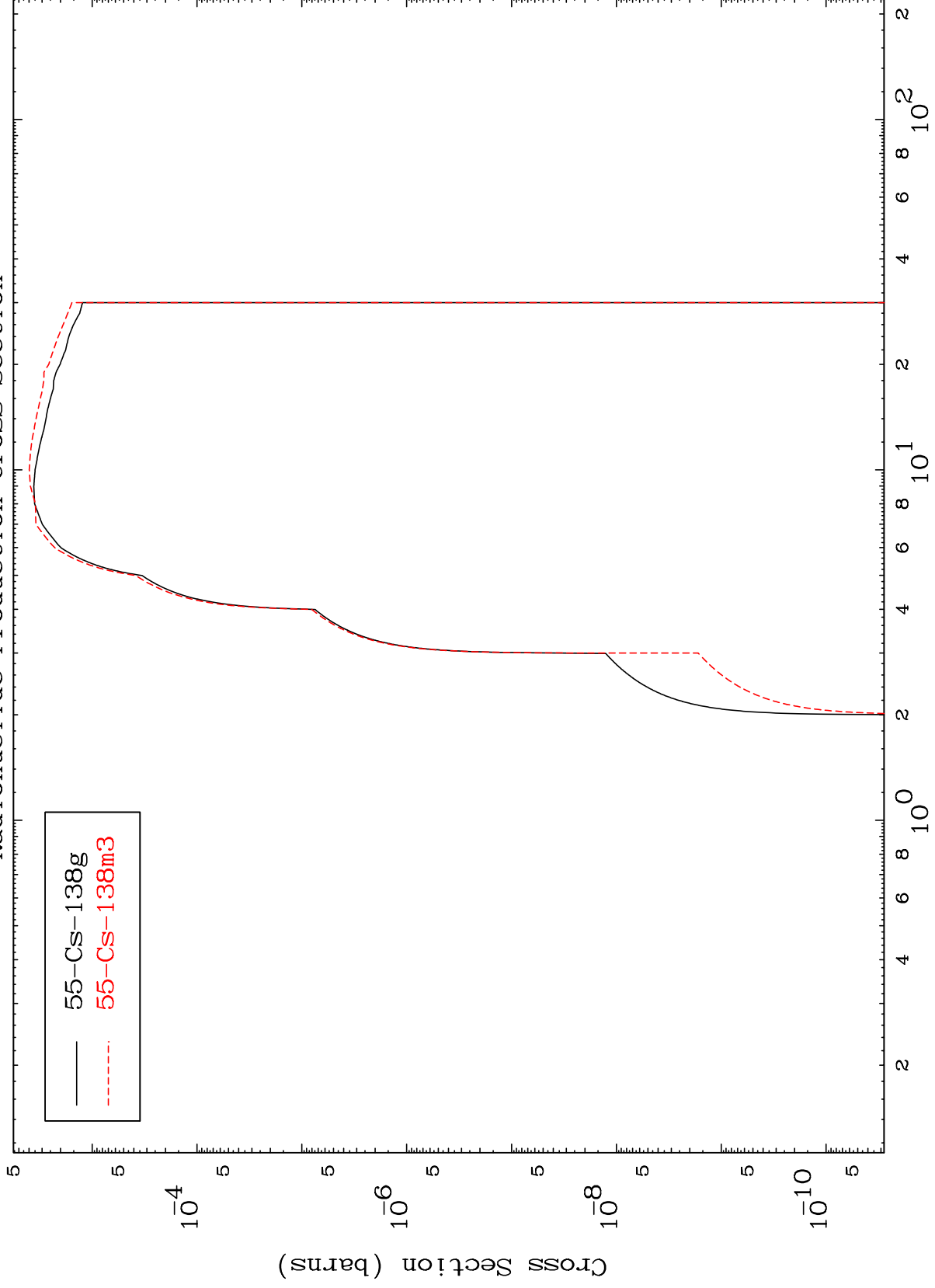
(t, α) Levels
0 Kelvin Cross Sections



MAT 5461

54-Xe-136

Inelastic
Radionuclide Production Cross Section

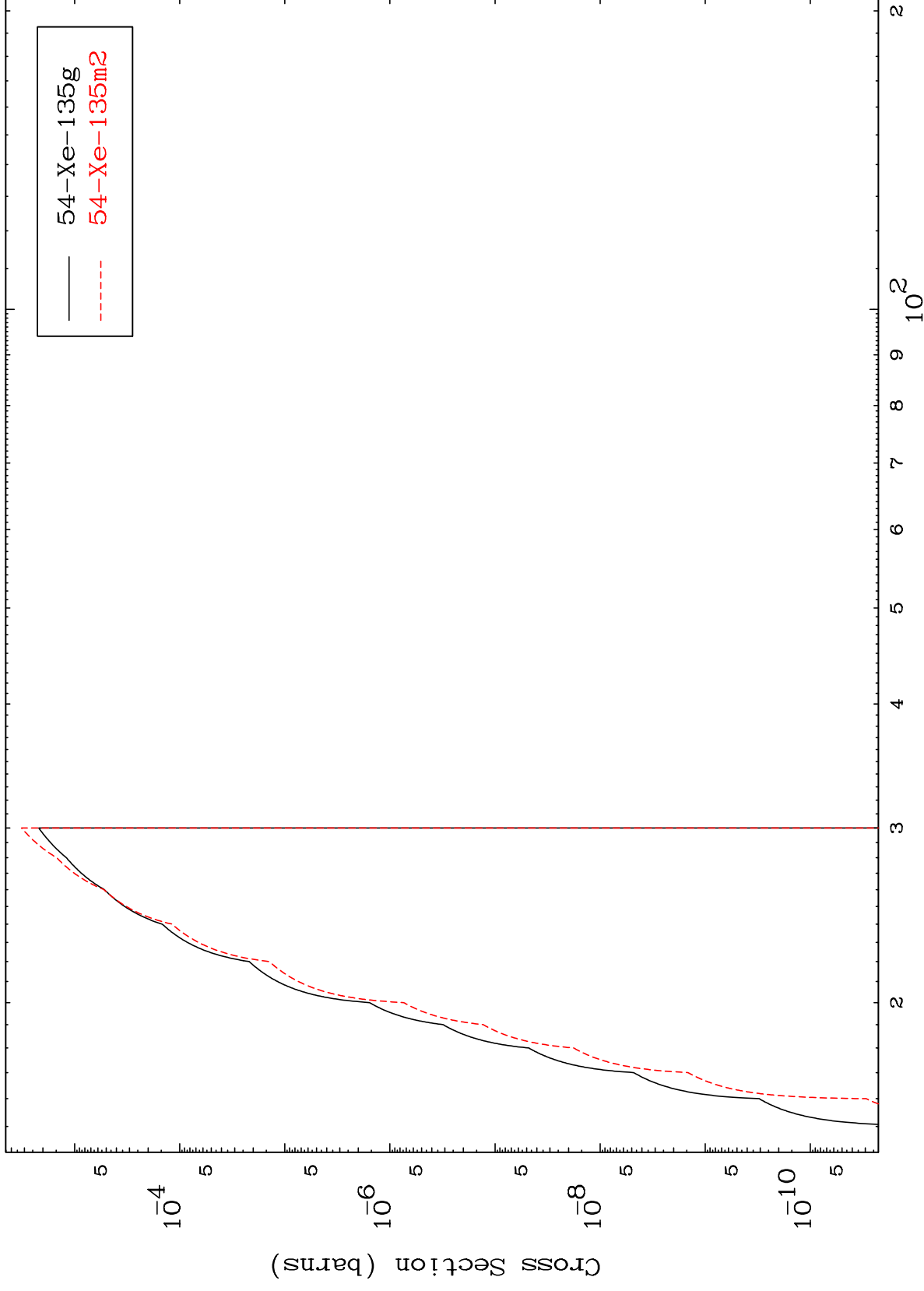


12

54-Xe-136

Incident Energy (MeV)

Radionuclide Production Cross Section

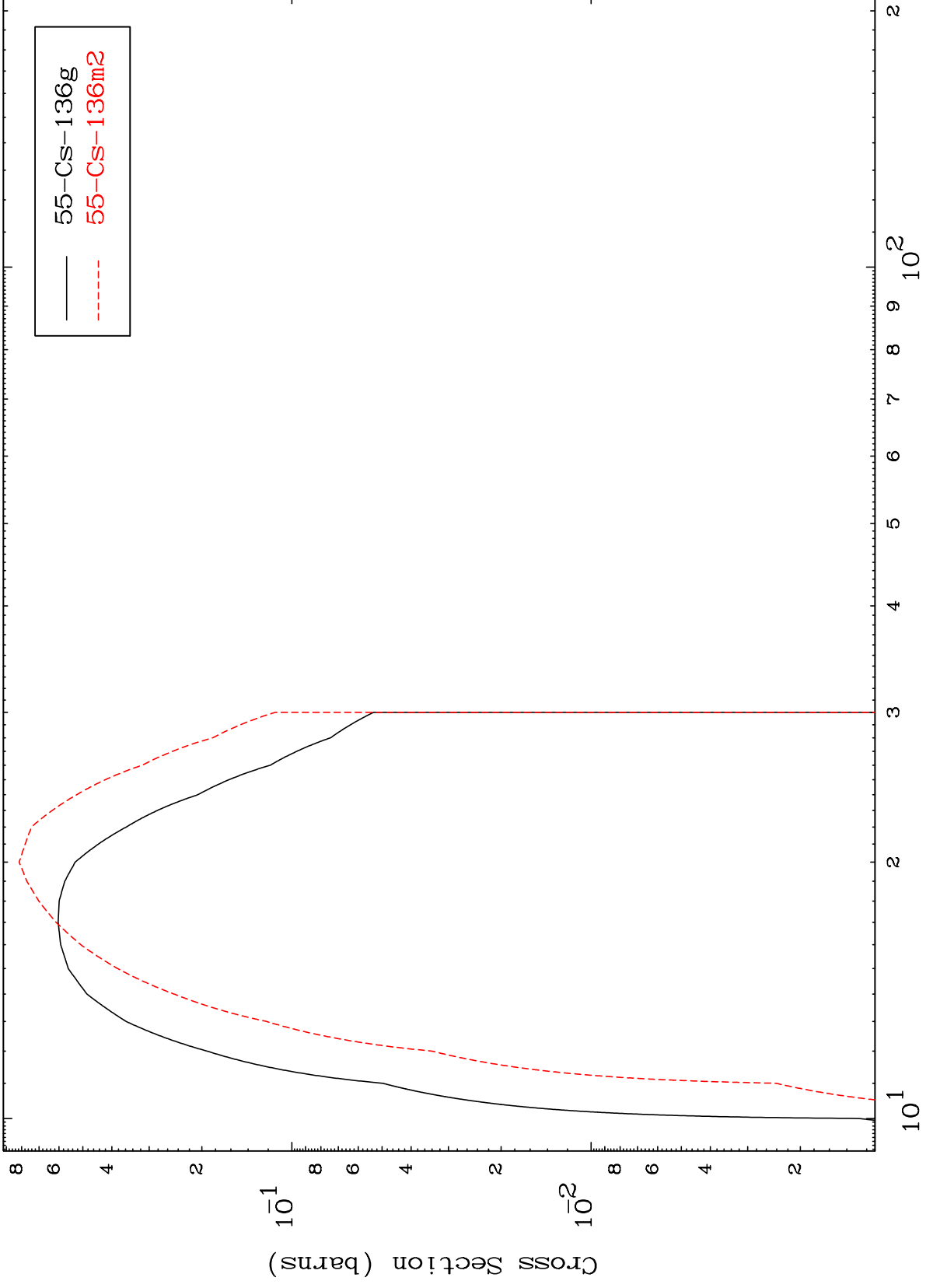


MAT 5461

(n,3n)

54-Xe-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

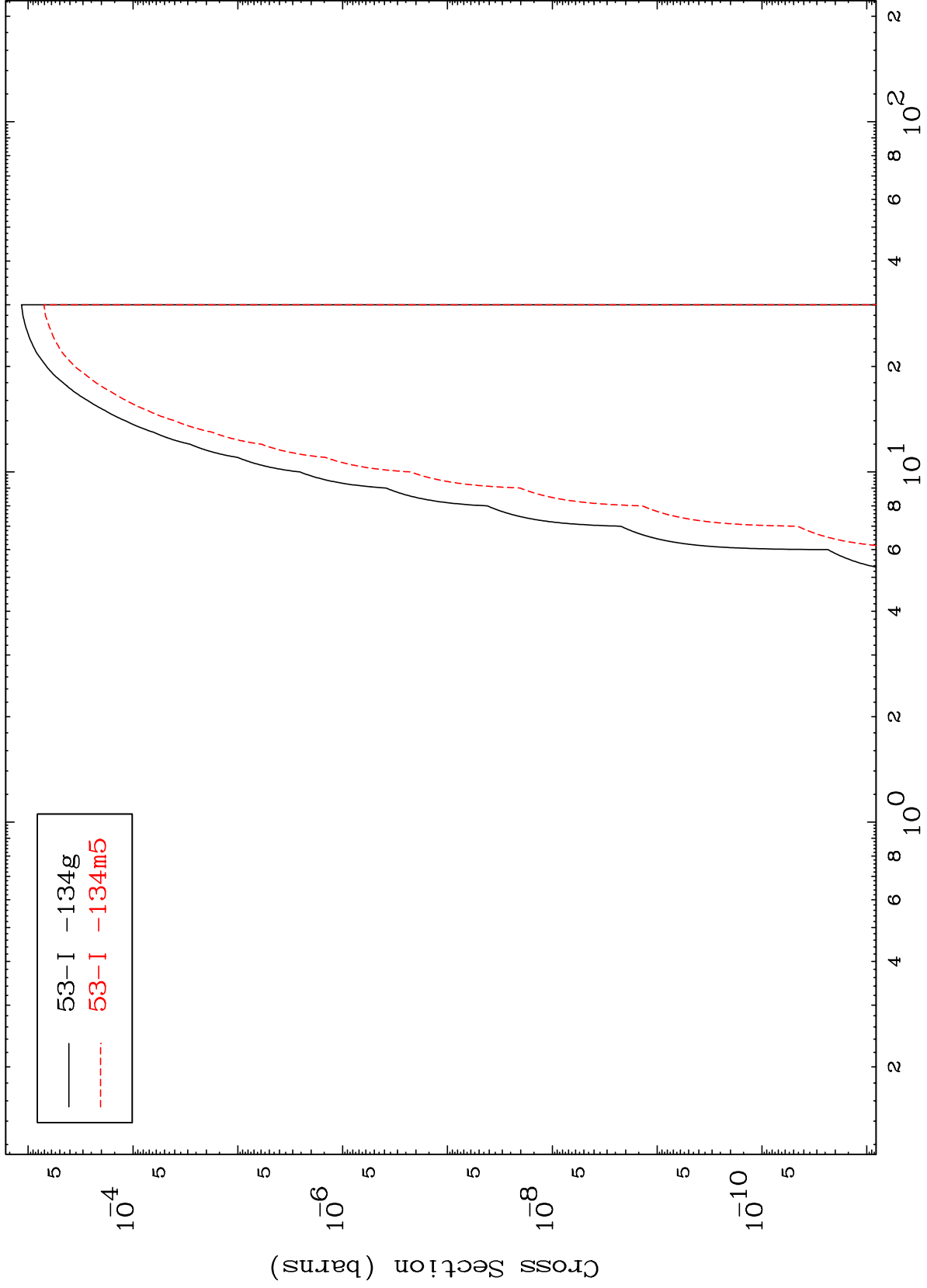
54-Xe-136

MAT 5461

$(n, n') \alpha$

54-Xe-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

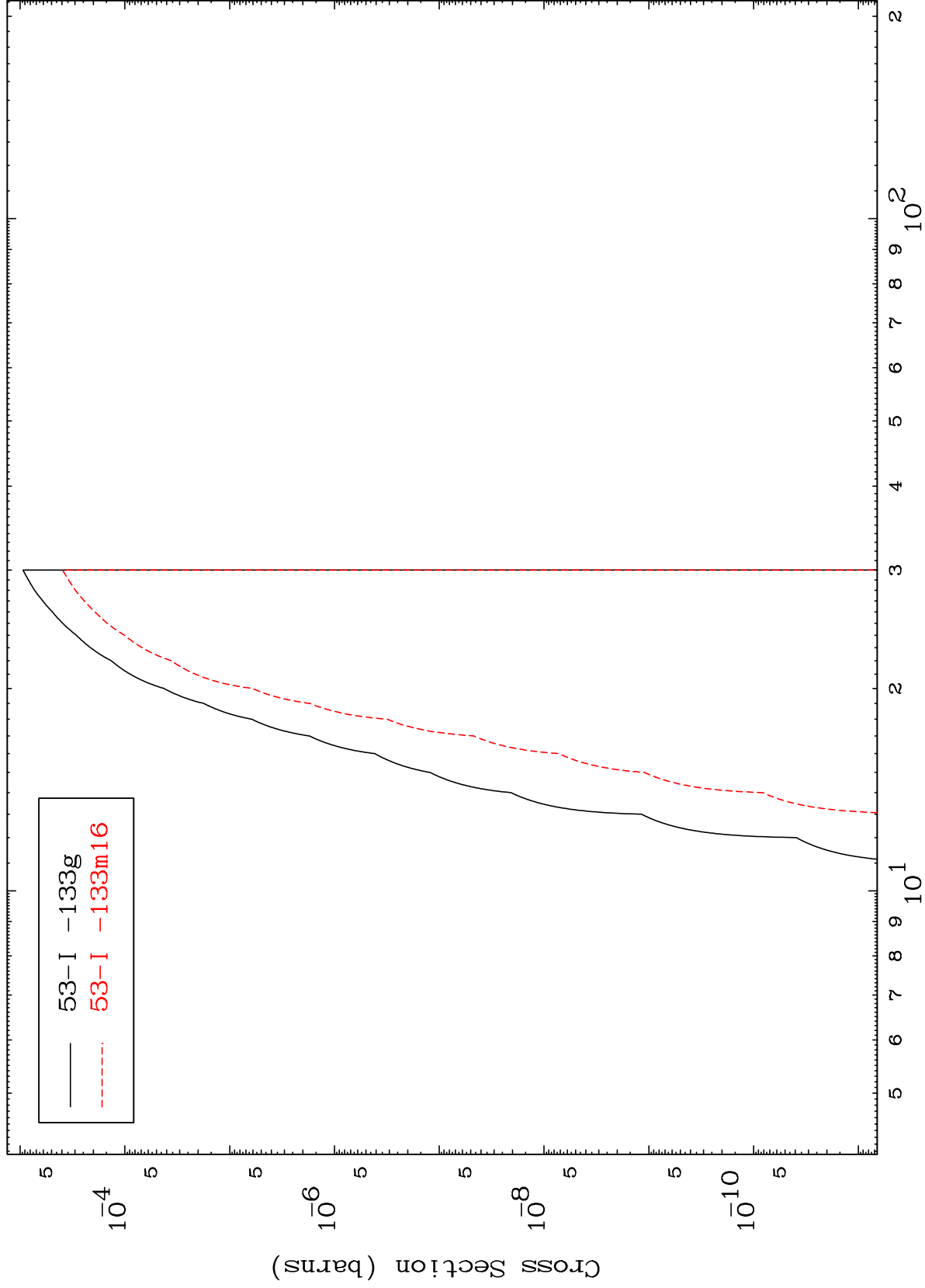
54-Xe-136

MAT 5461

(n,2n) α

54-Xe-136

Radionuclide Production Cross Section

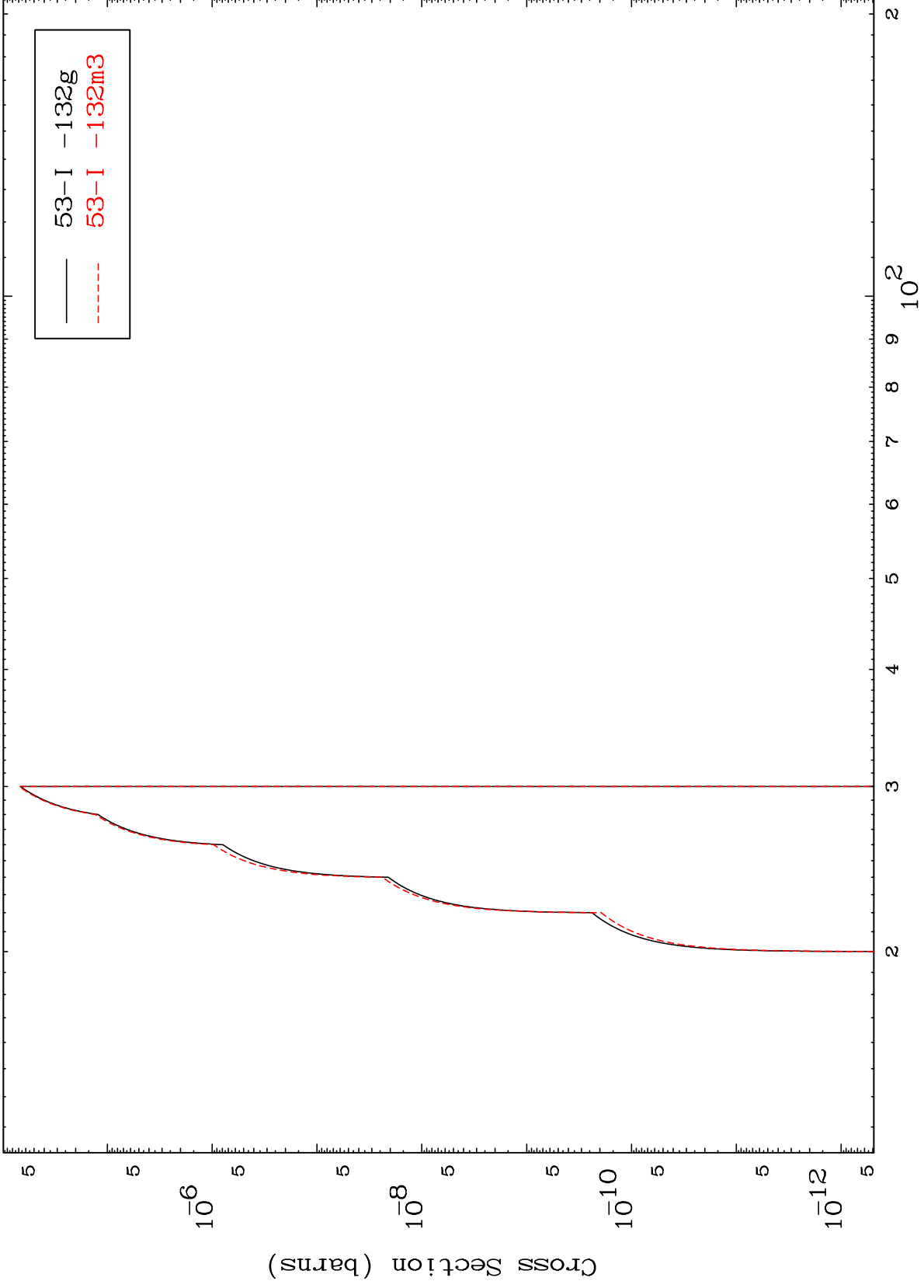


16

Incident Energy (MeV)

54-Xe-136

Radionuclide Production Cross Section

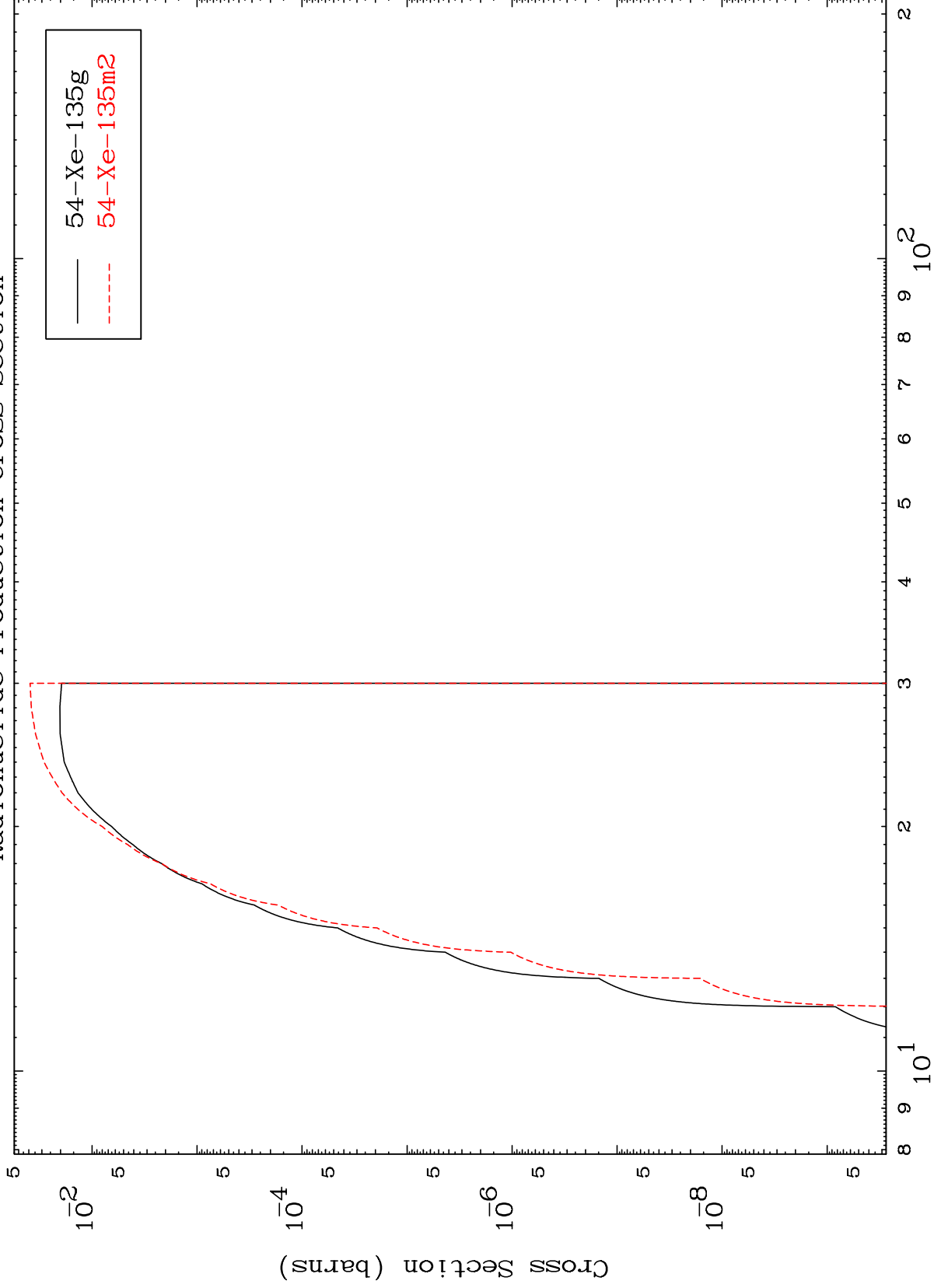


MAT 5461

(n,n') t

54-Xe-136

Radionuclide Production Cross Section

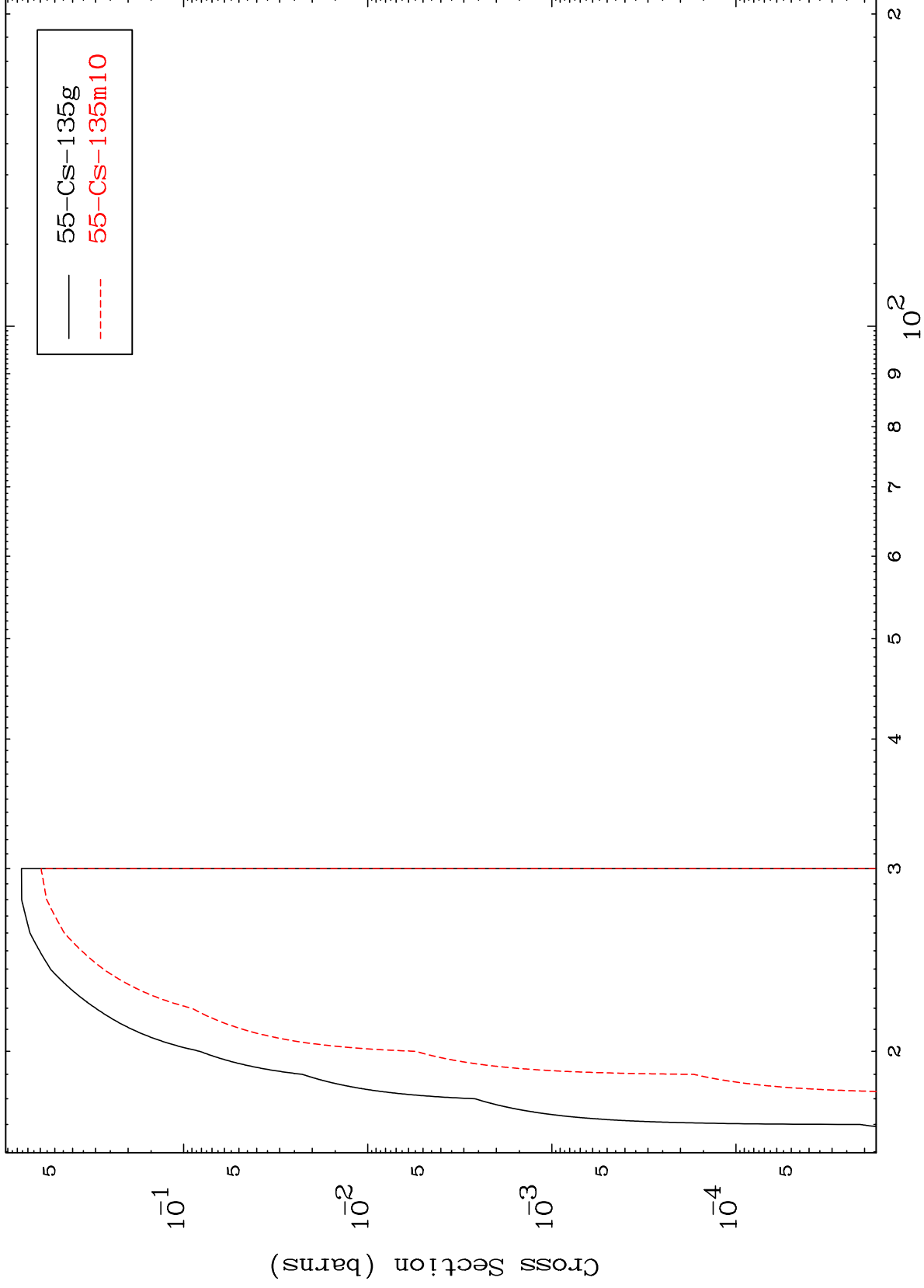


18

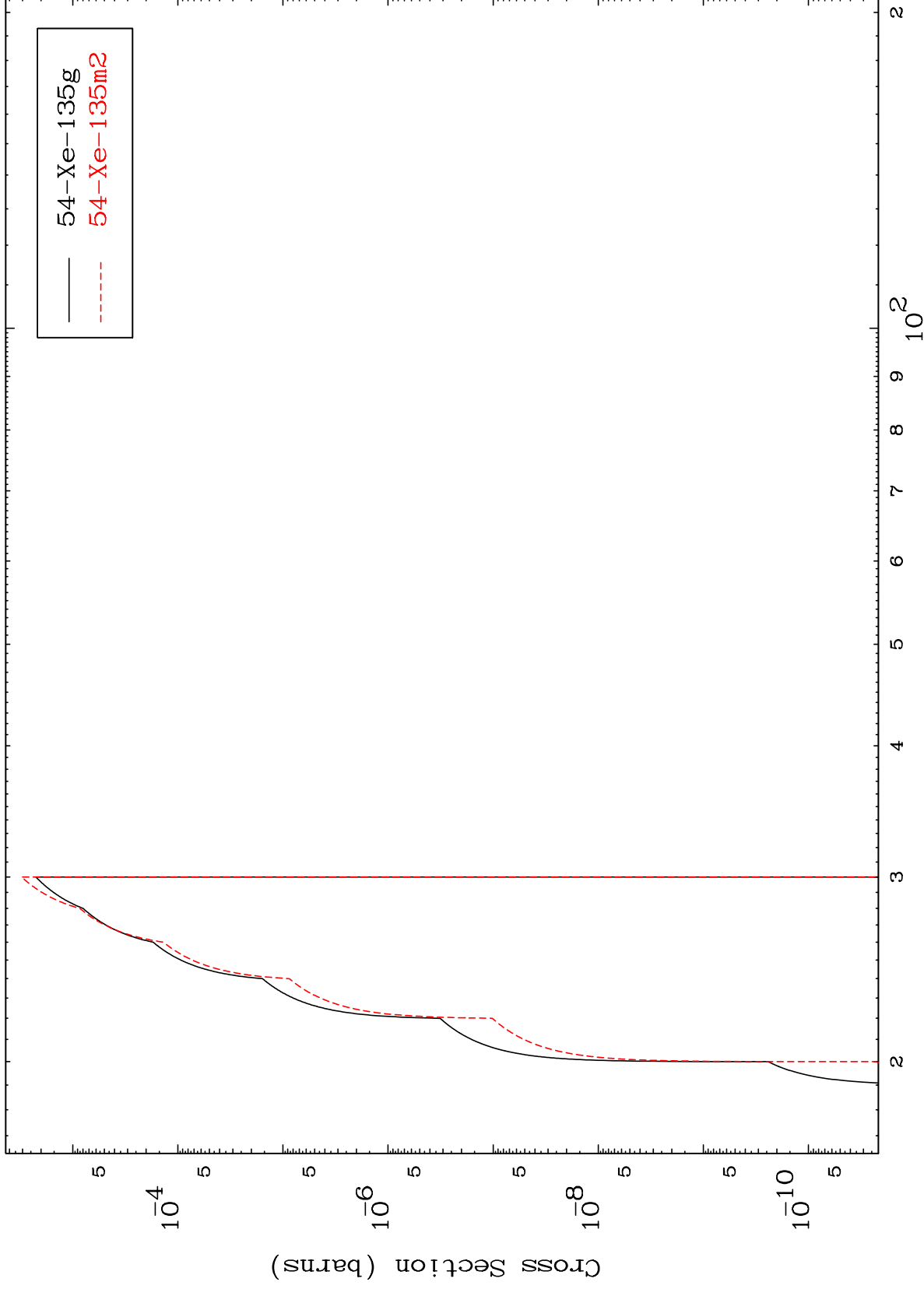
Incident Energy (MeV)

54-Xe-136

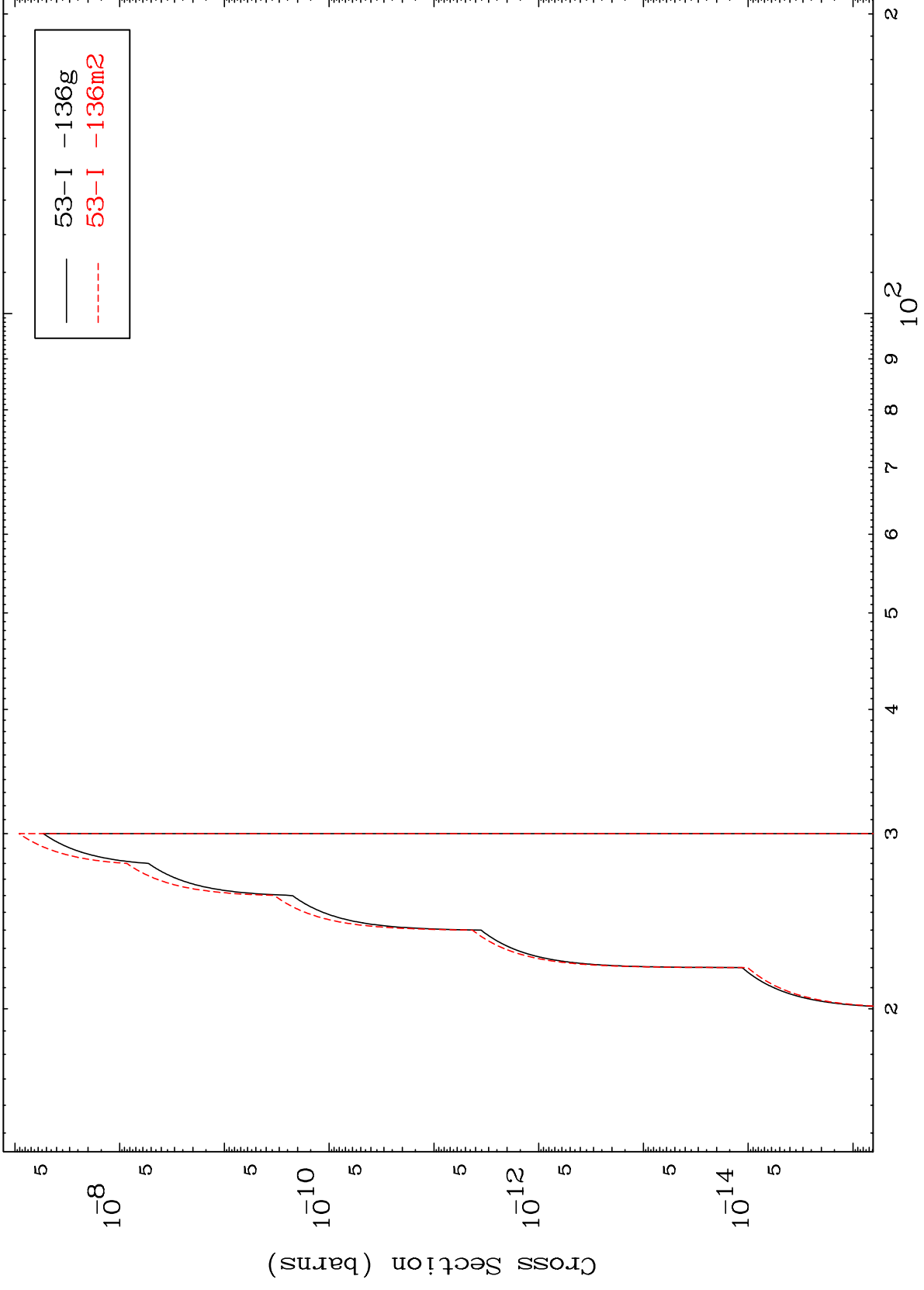
Radionuclide Production Cross Section



Radionuclide Production Cross Section



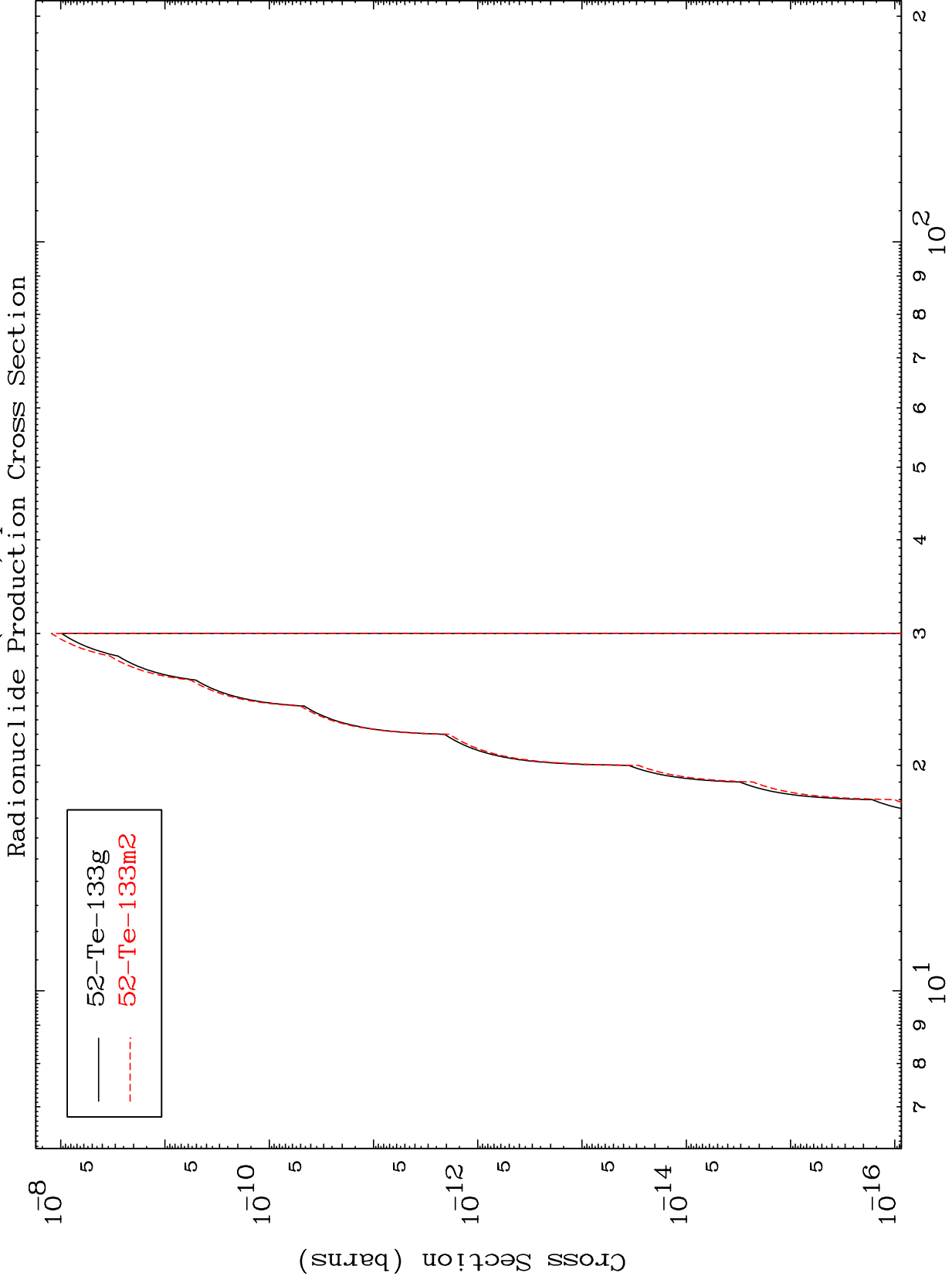
(n,2n) p
Radionuclide Production Cross Section



MAT 5461

(n,n') p α

54-Xe-136



22

Incident Energy (MeV)

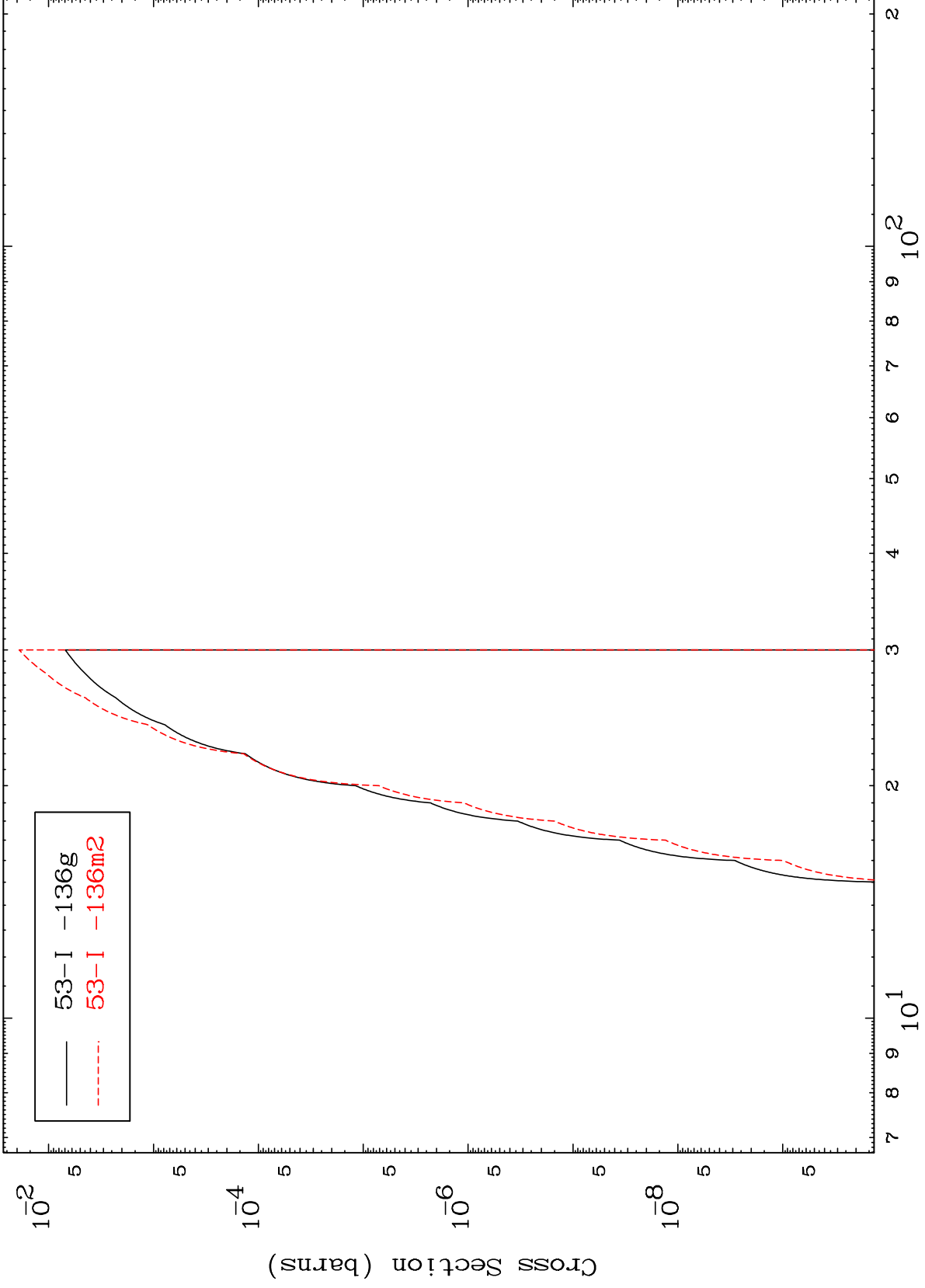
54-Xe-136

MAT 5461

(n,He-3)

54-Xe-136

Radionuclide Production Cross Section



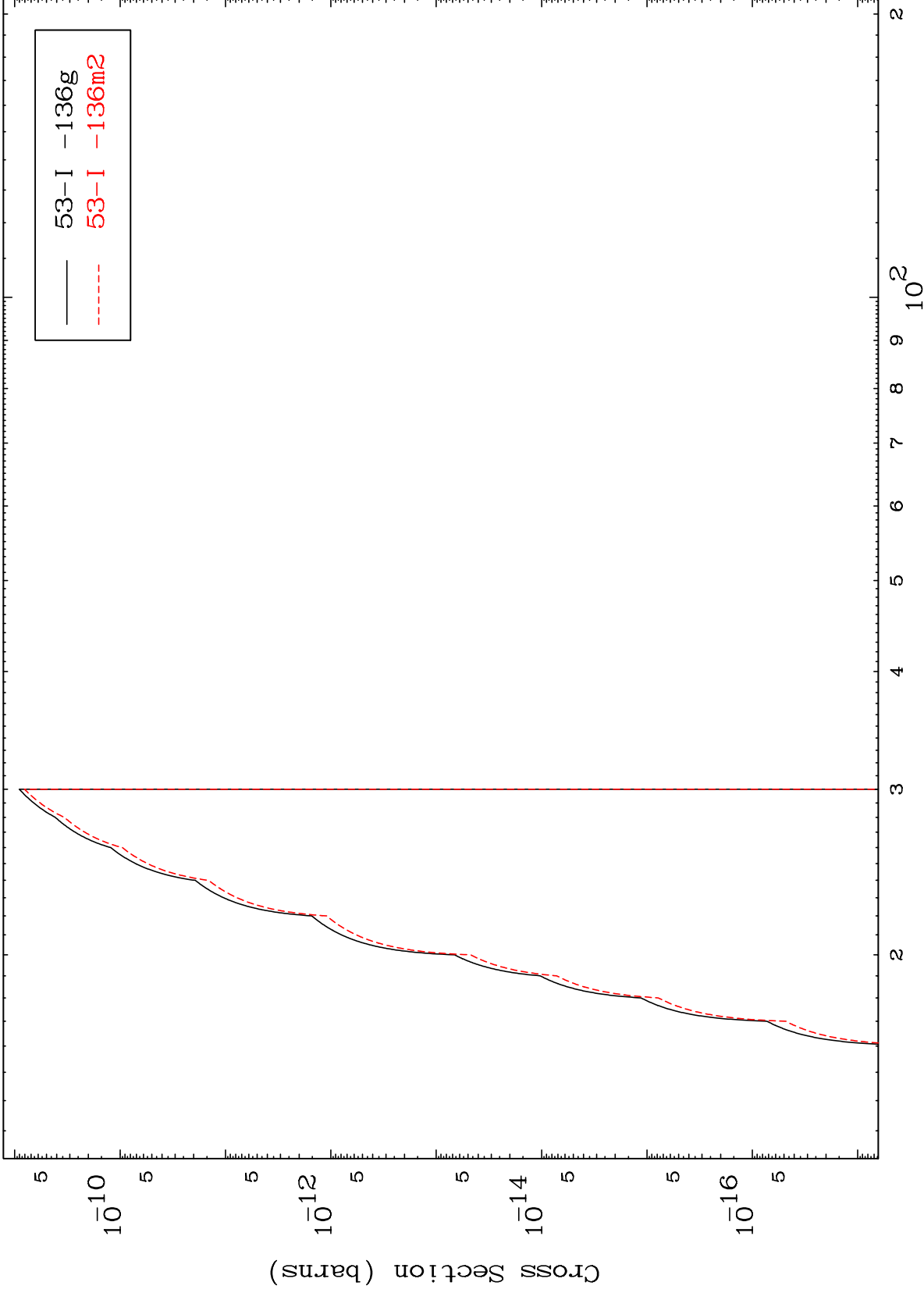
53-I-136g
53-I-136m2

MAT 5461

(n,p) d

54-Xe-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

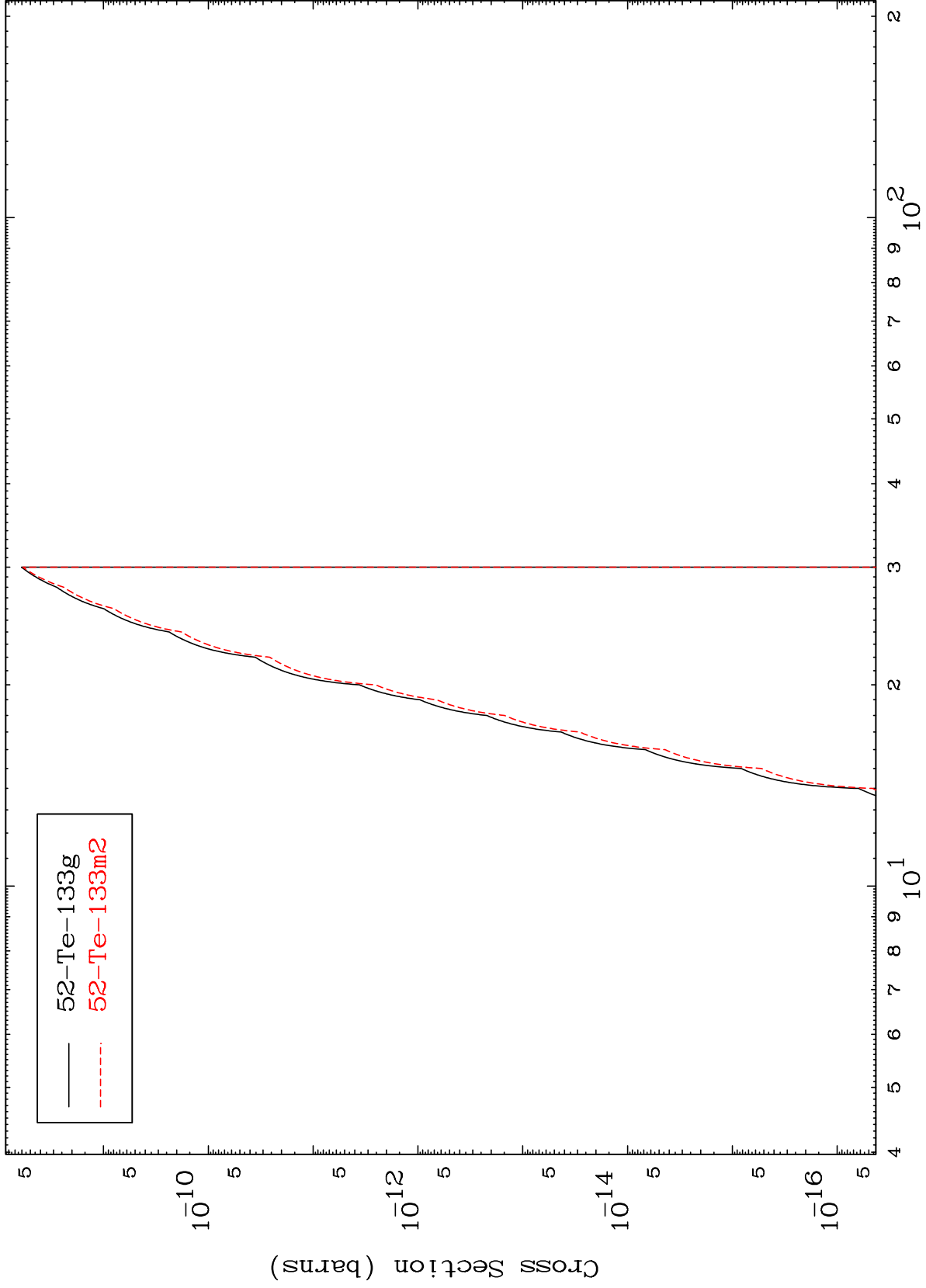
54-Xe-136

MAT 5461

(n,d) α

54-Xe-136

Radionuclide Production Cross Section



25

Incident Energy (MeV)

54-Xe-136