

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

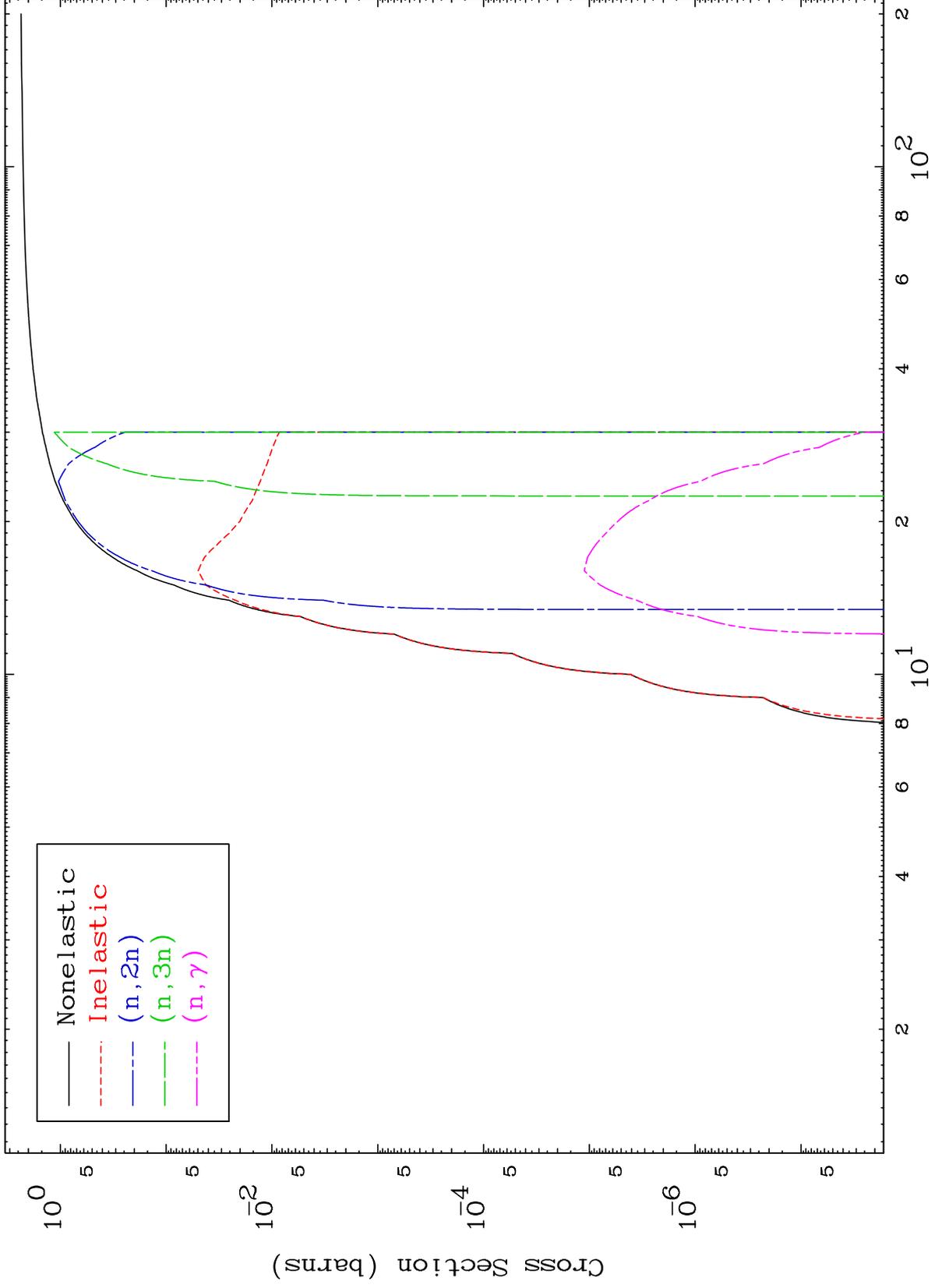
Press Mouse Button to Start

MAT 5537

0 Kelvin Cross Sections

α Major

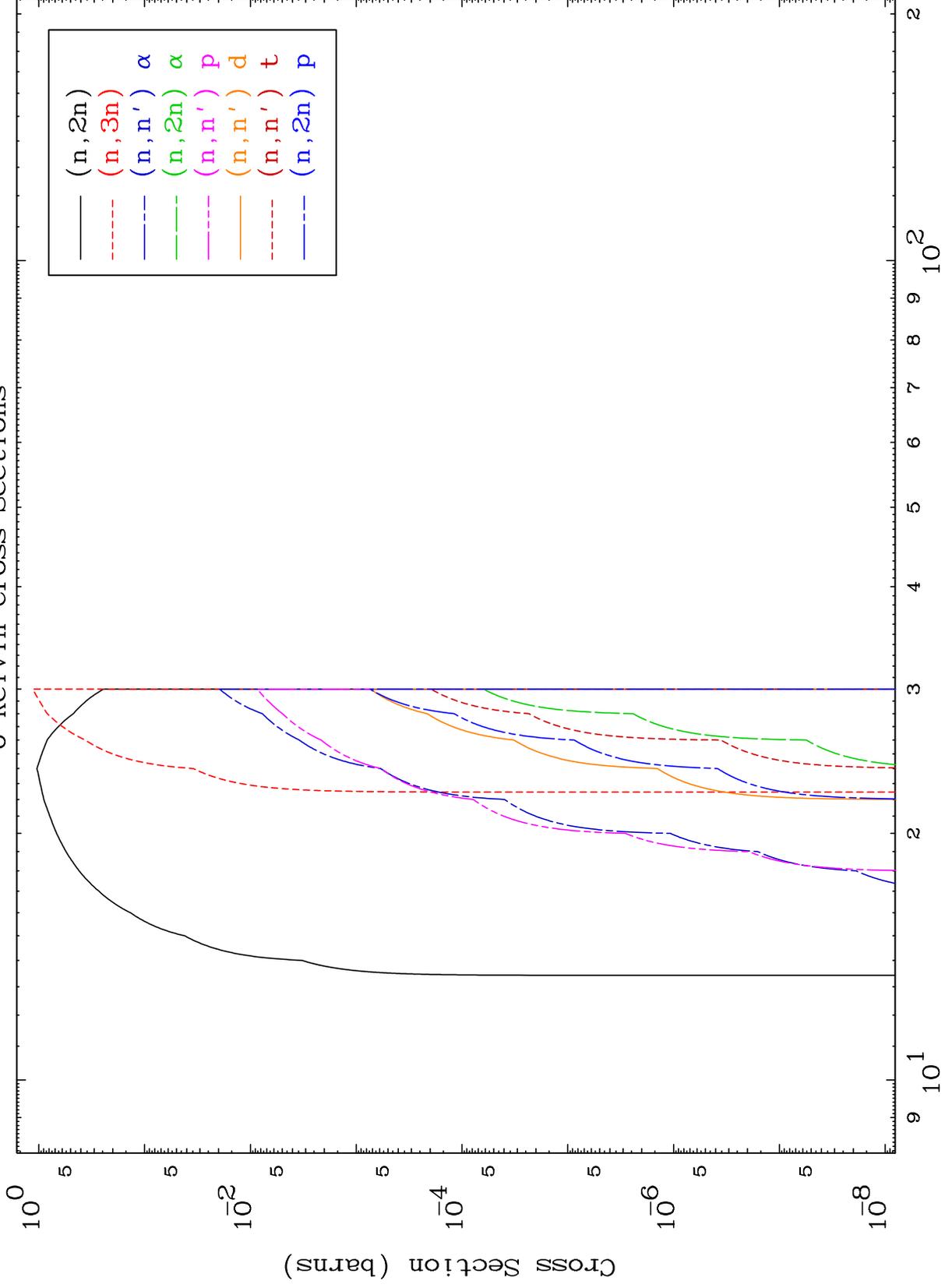
55-Cs-137



MAT 5537

α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-137



55-Cs-137

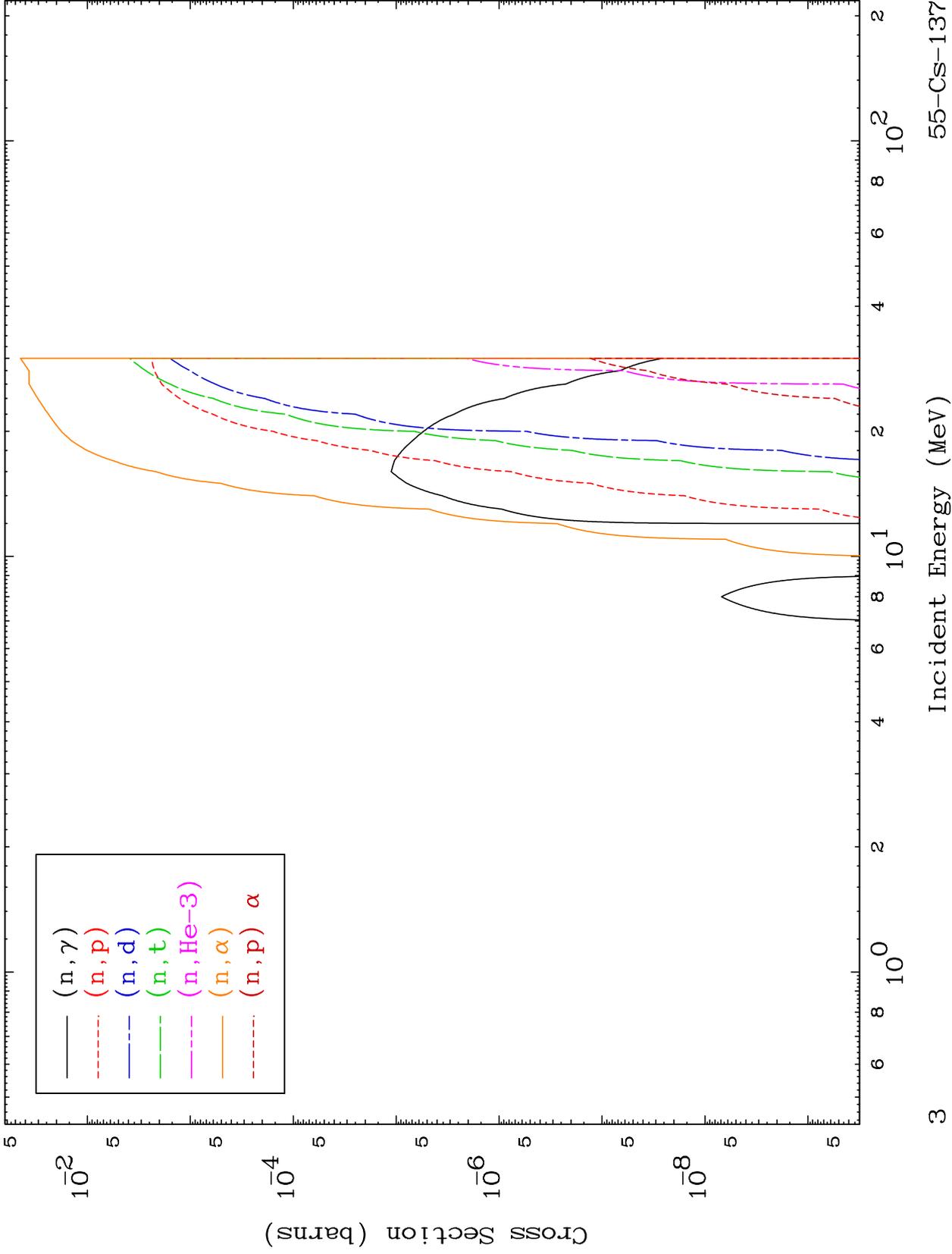
Incident Energy (MeV)

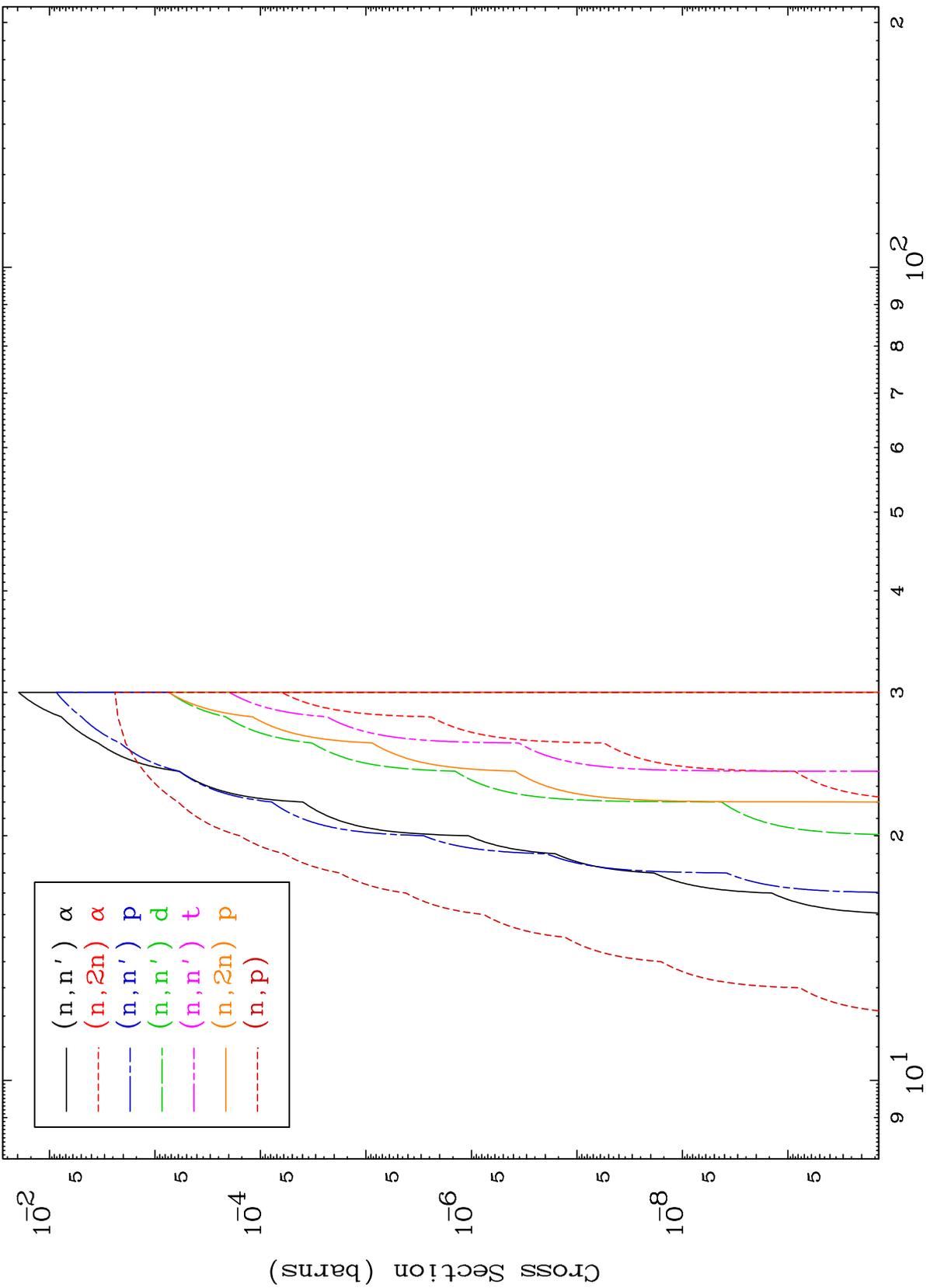
2

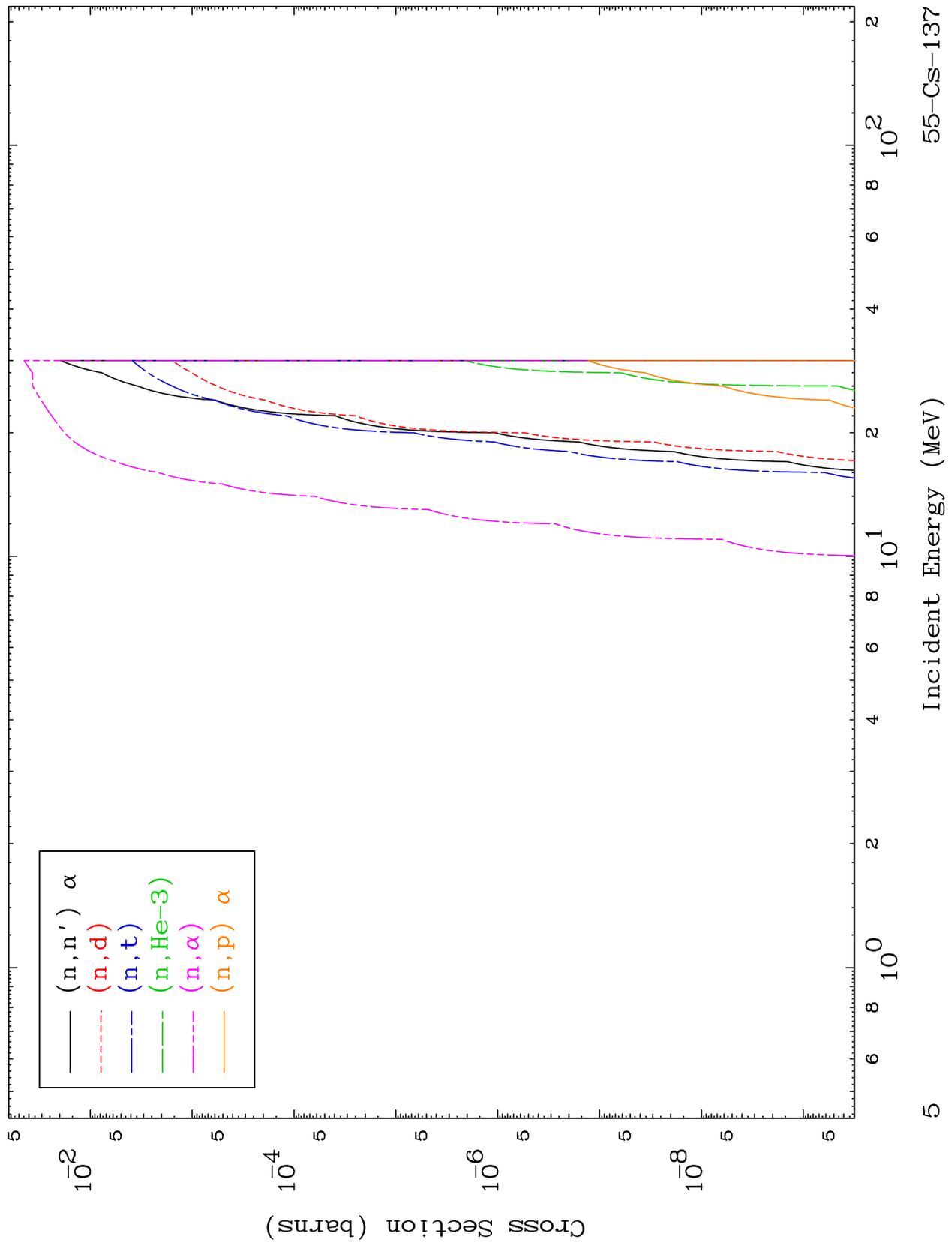
MAT 5537

α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-137



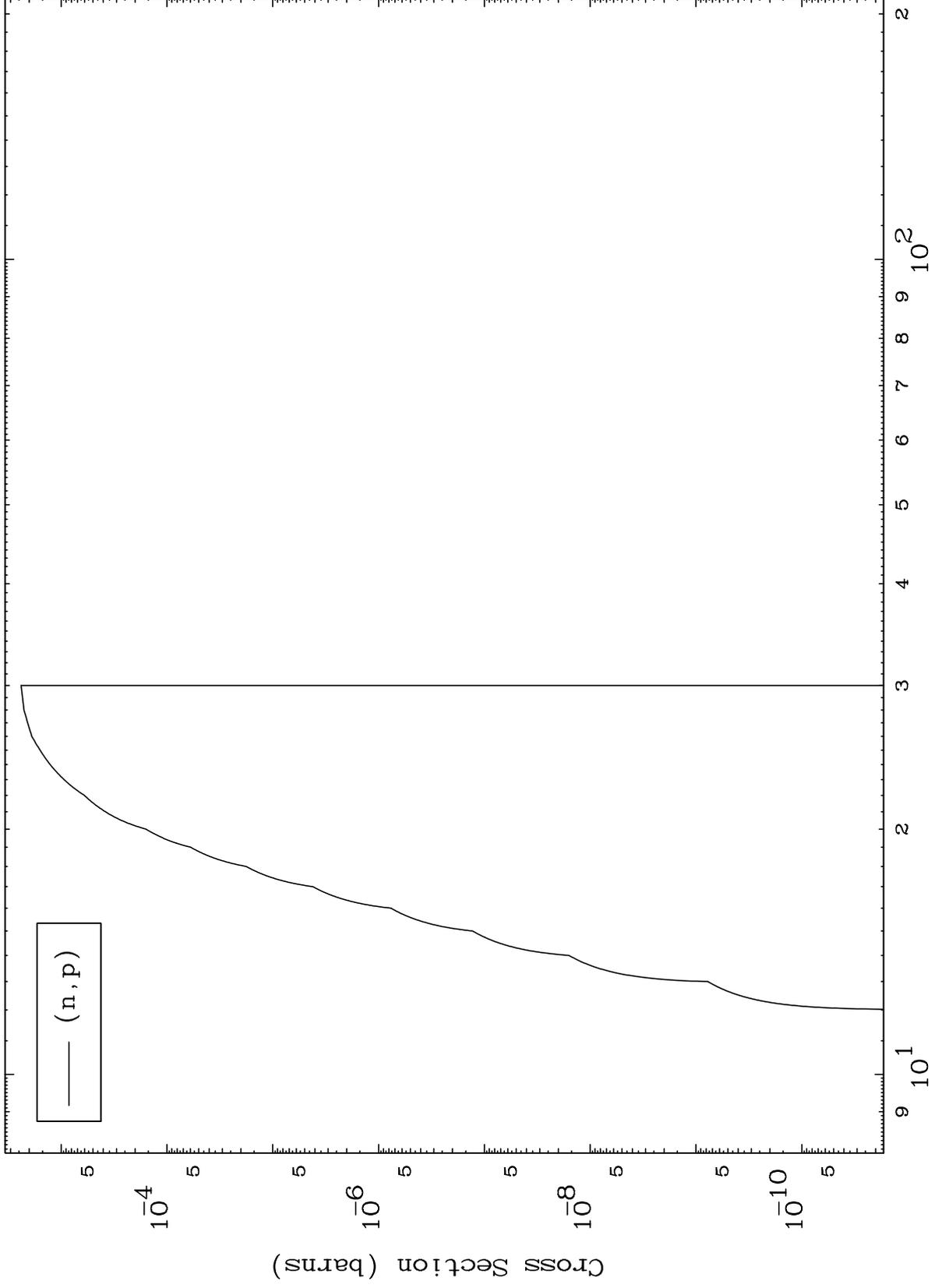




MAT 5537

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-137



6

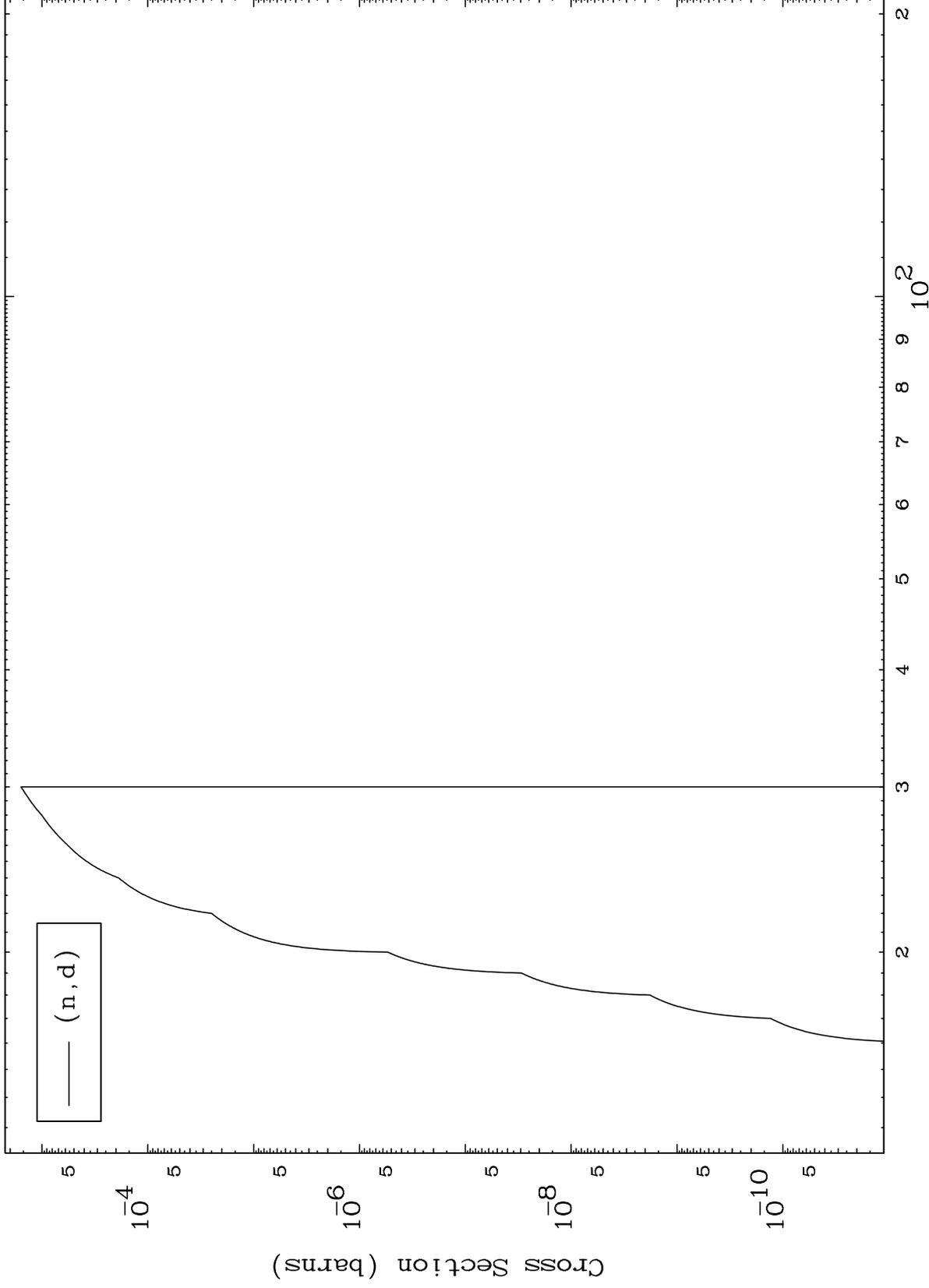
Incident Energy (MeV)

55-Cs-137

MAT 5537

(α, d) Levels
0 Kelvin Cross Sections

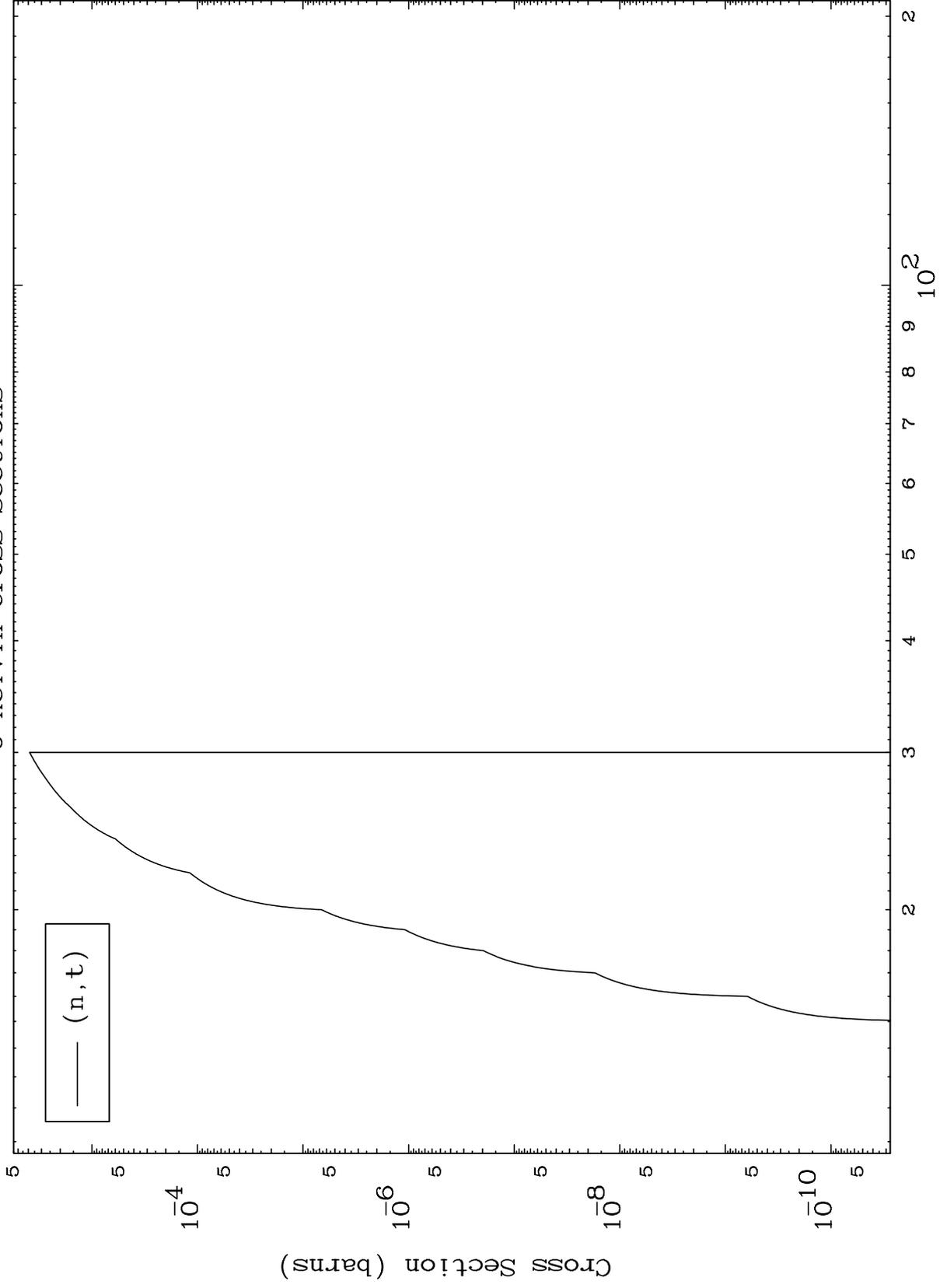
55-Cs-137

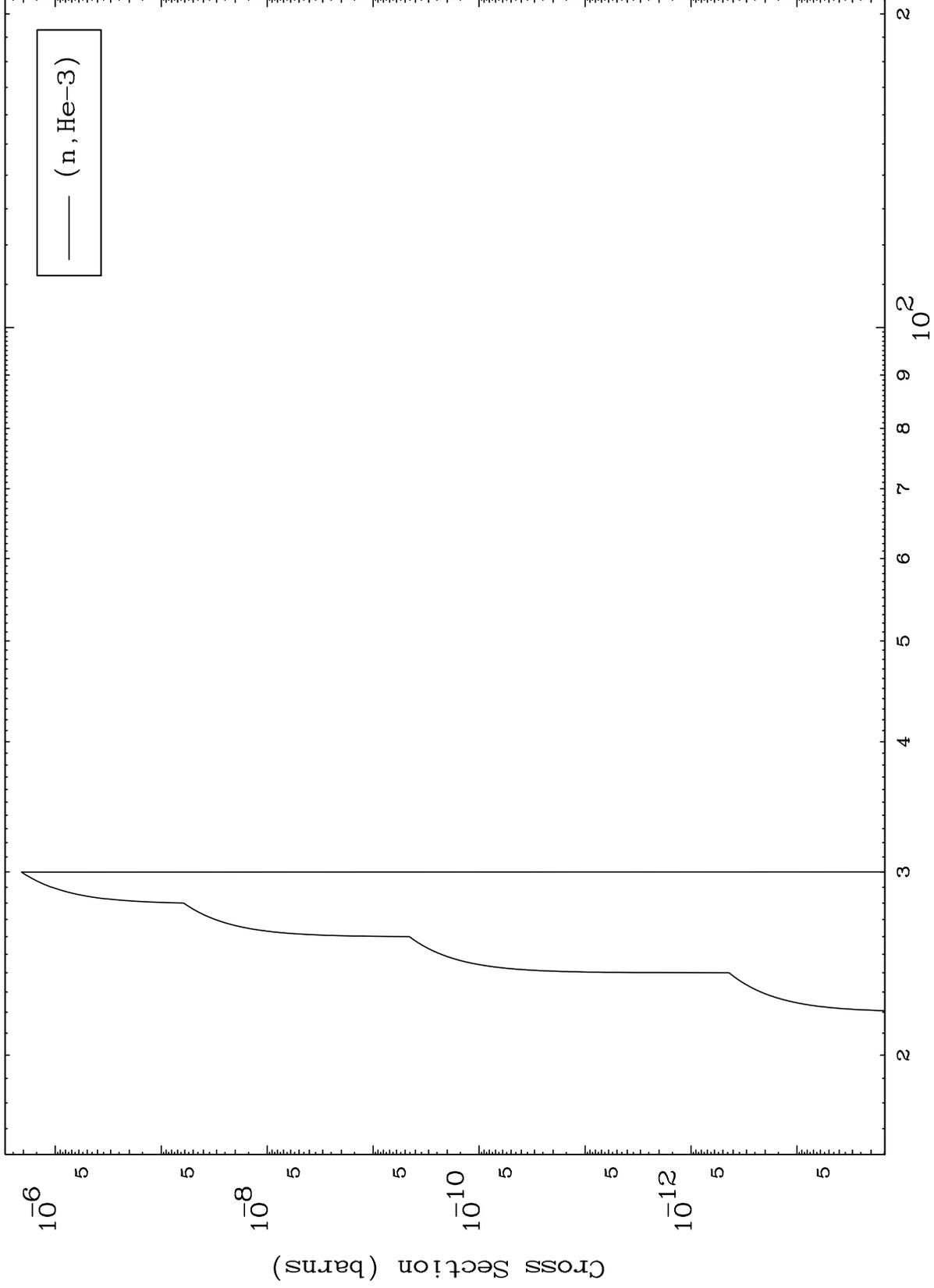


MAT 5537

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-137

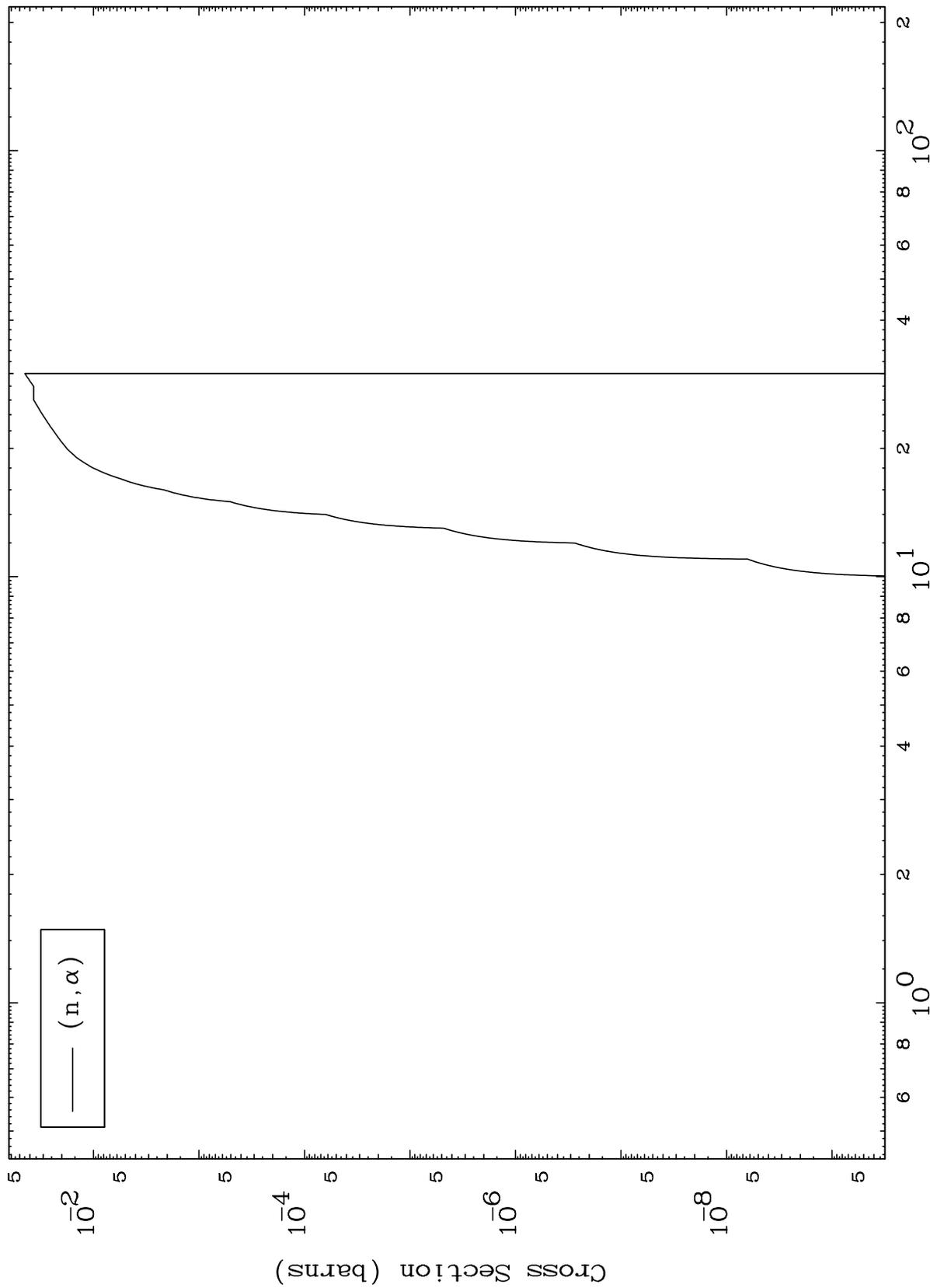




MAT 5537

55-Cs-137

(α, α) Levels
0 Kelvin Cross Sections



55-Cs-137

Incident Energy (MeV)

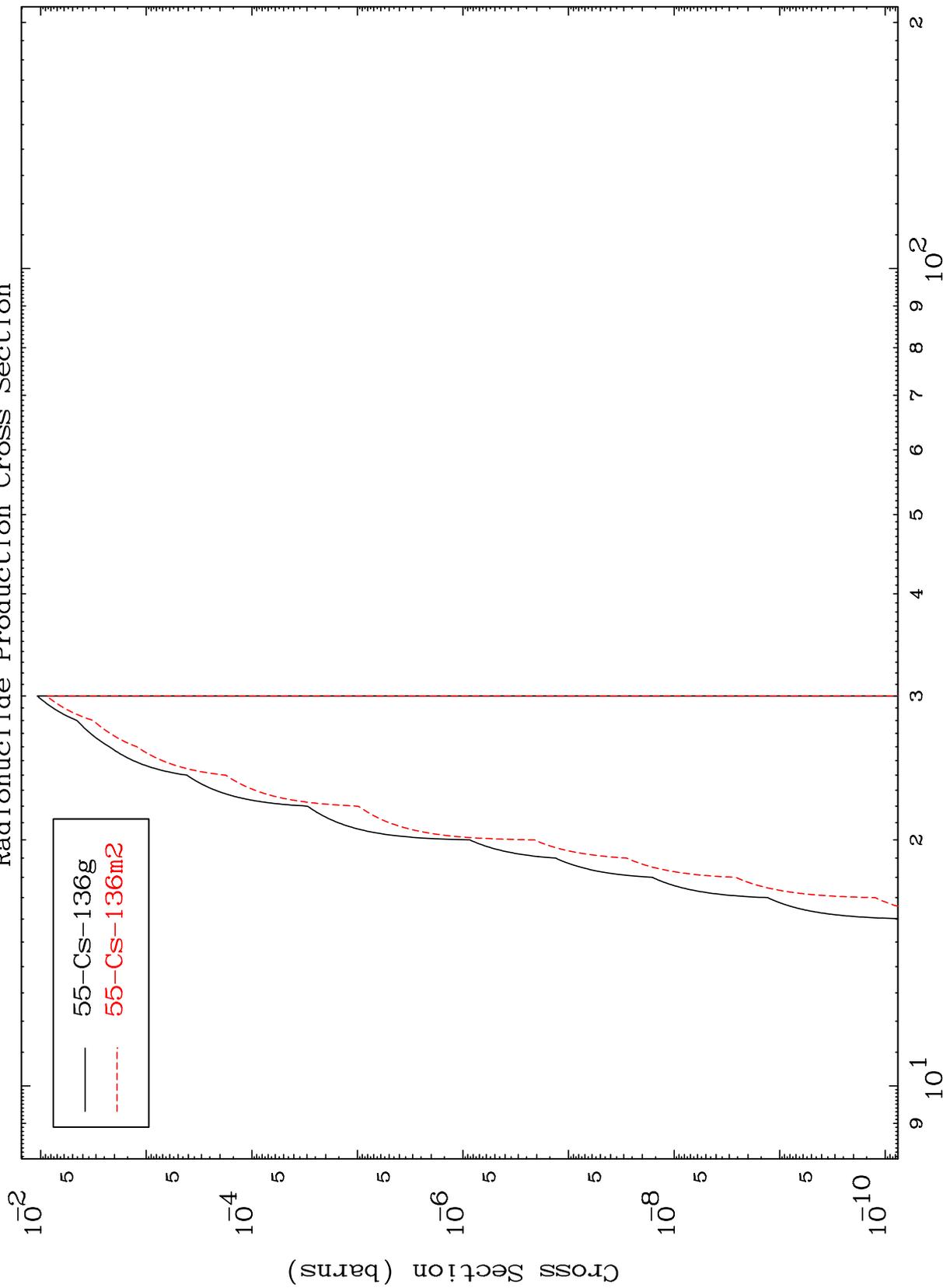
10

MAT 5537

(n,n') α

55-Cs-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

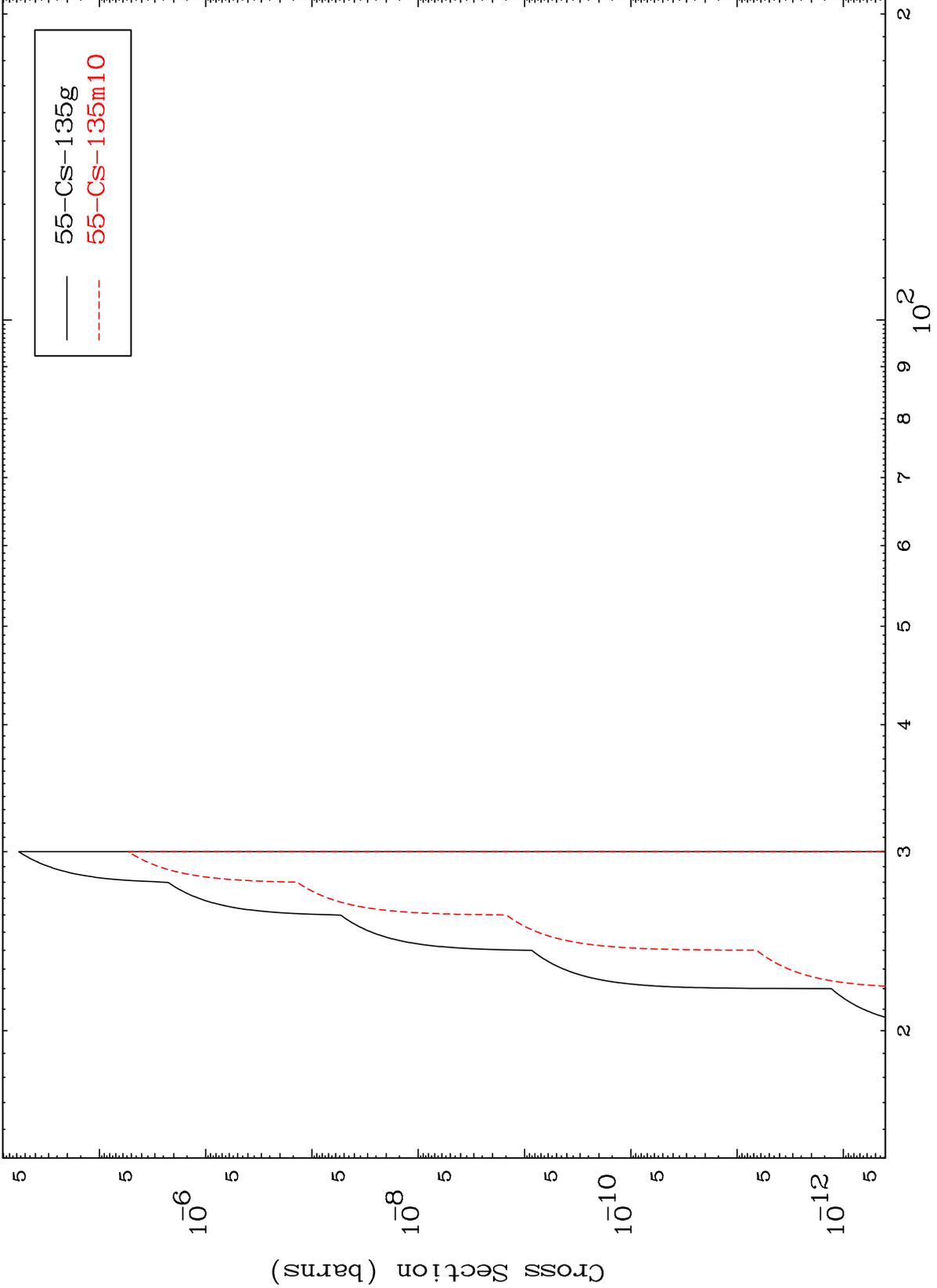
55-Cs-137

MAT 5537

(n,2n) α

55-Cs-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

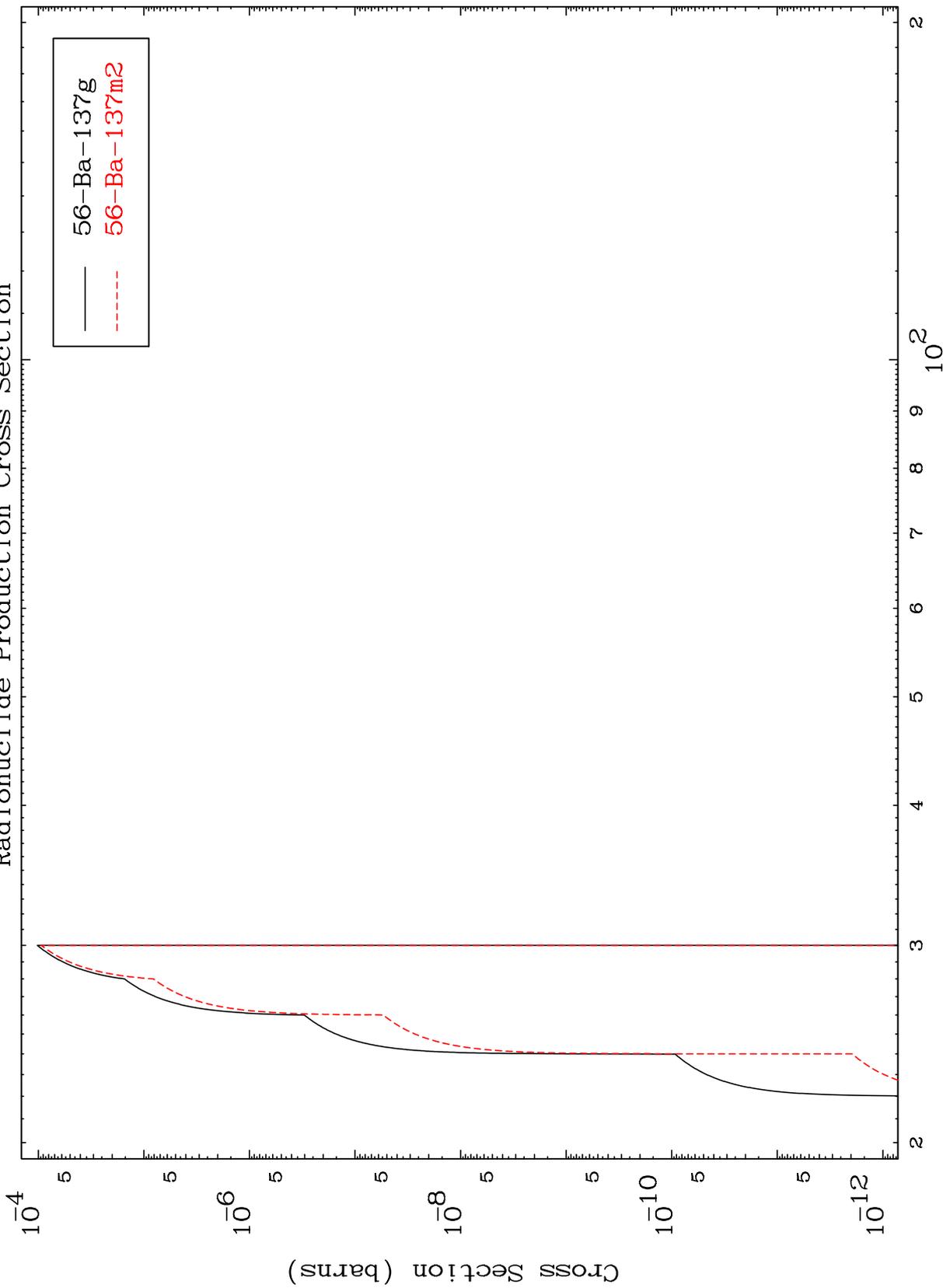
55-Cs-137

MAT 5537

(n,n') t

55-Cs-137

Radionuclide Production Cross Section



13

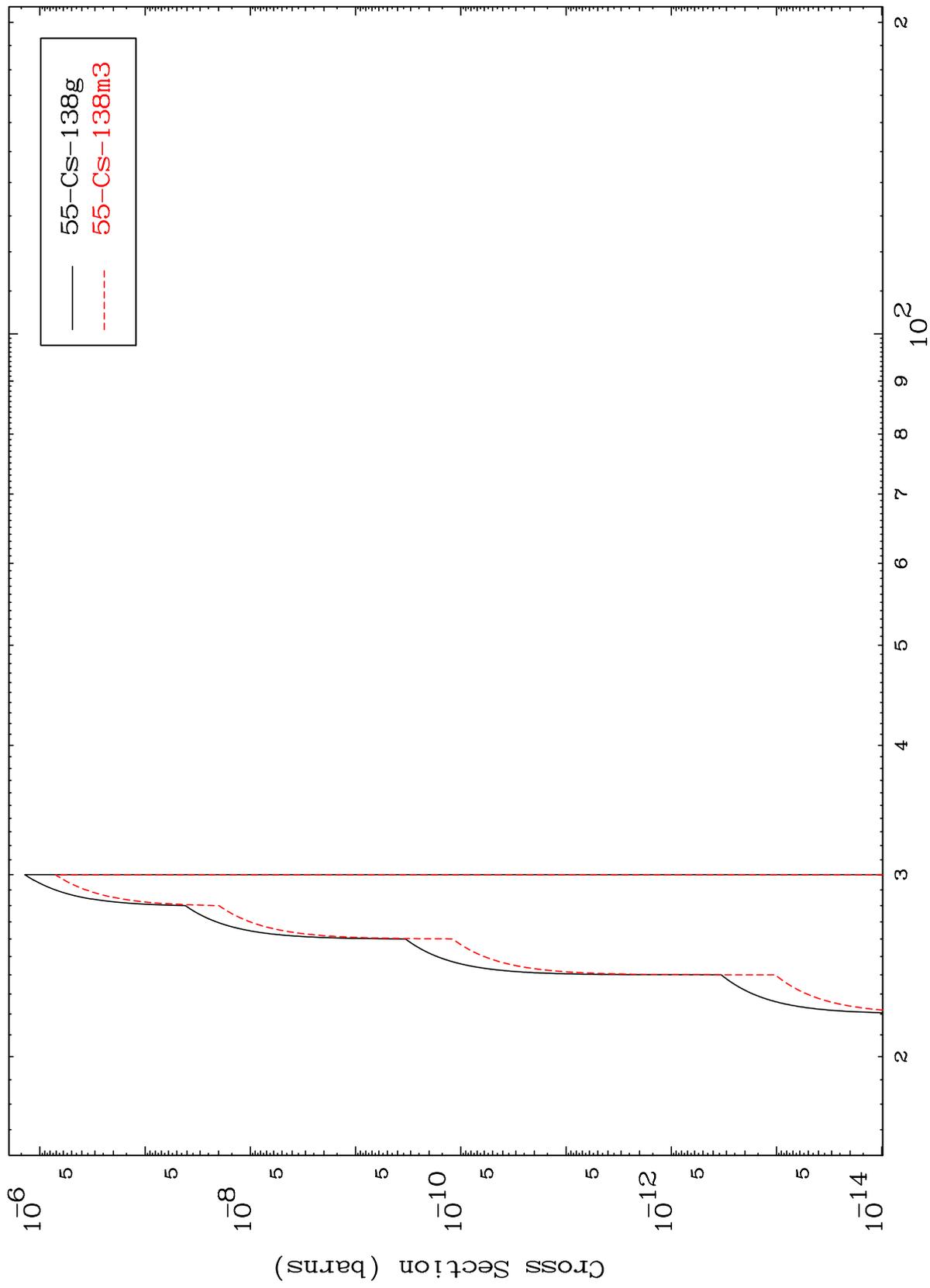
Incident Energy (MeV)

55-Cs-137

MAT 5537

55-Cs-137

(n,He-3)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

55-Cs-137