

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

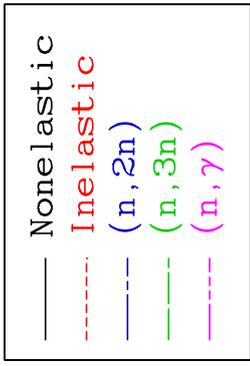
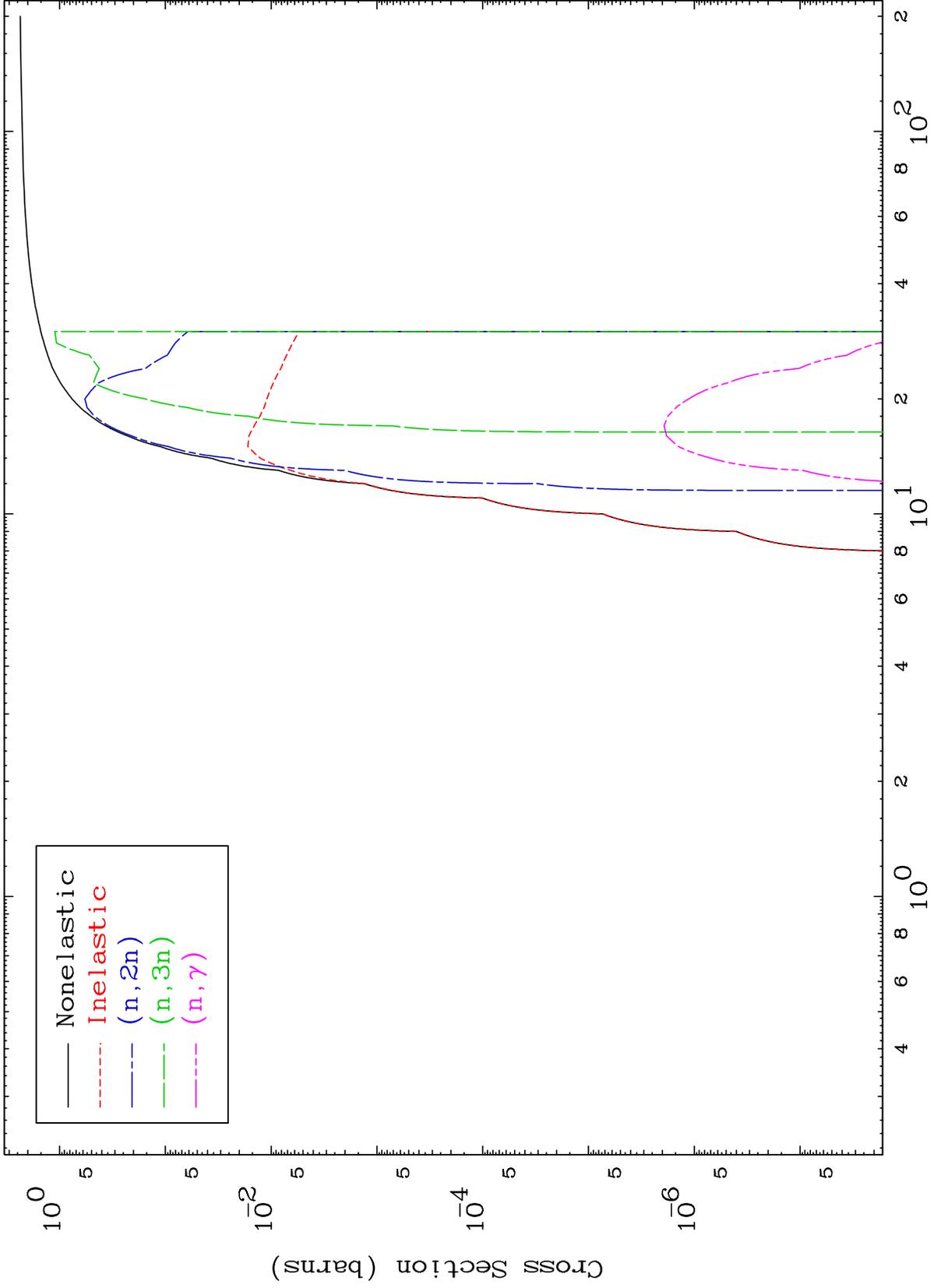
Press Mouse Button to Start

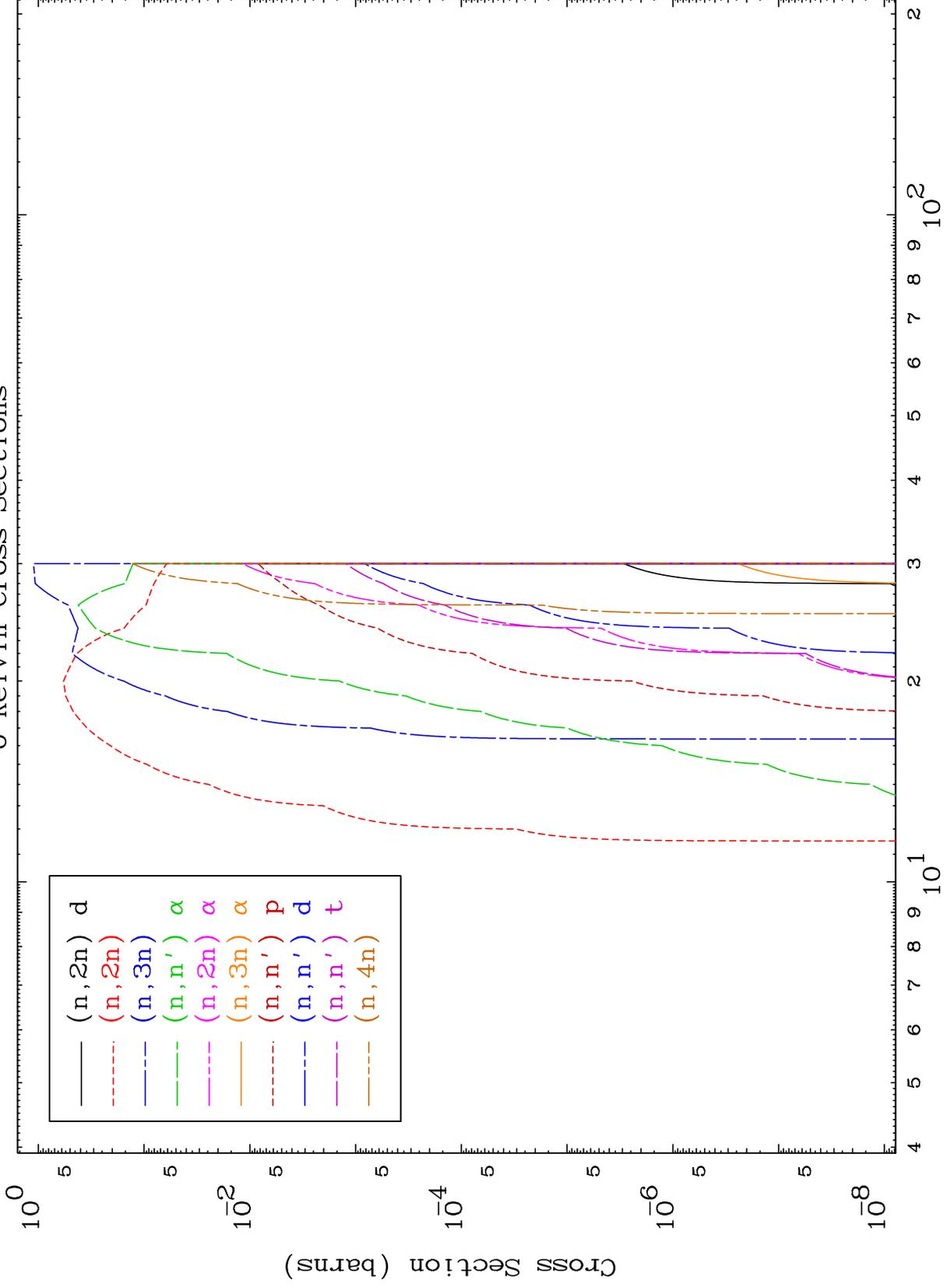
MAT 5464

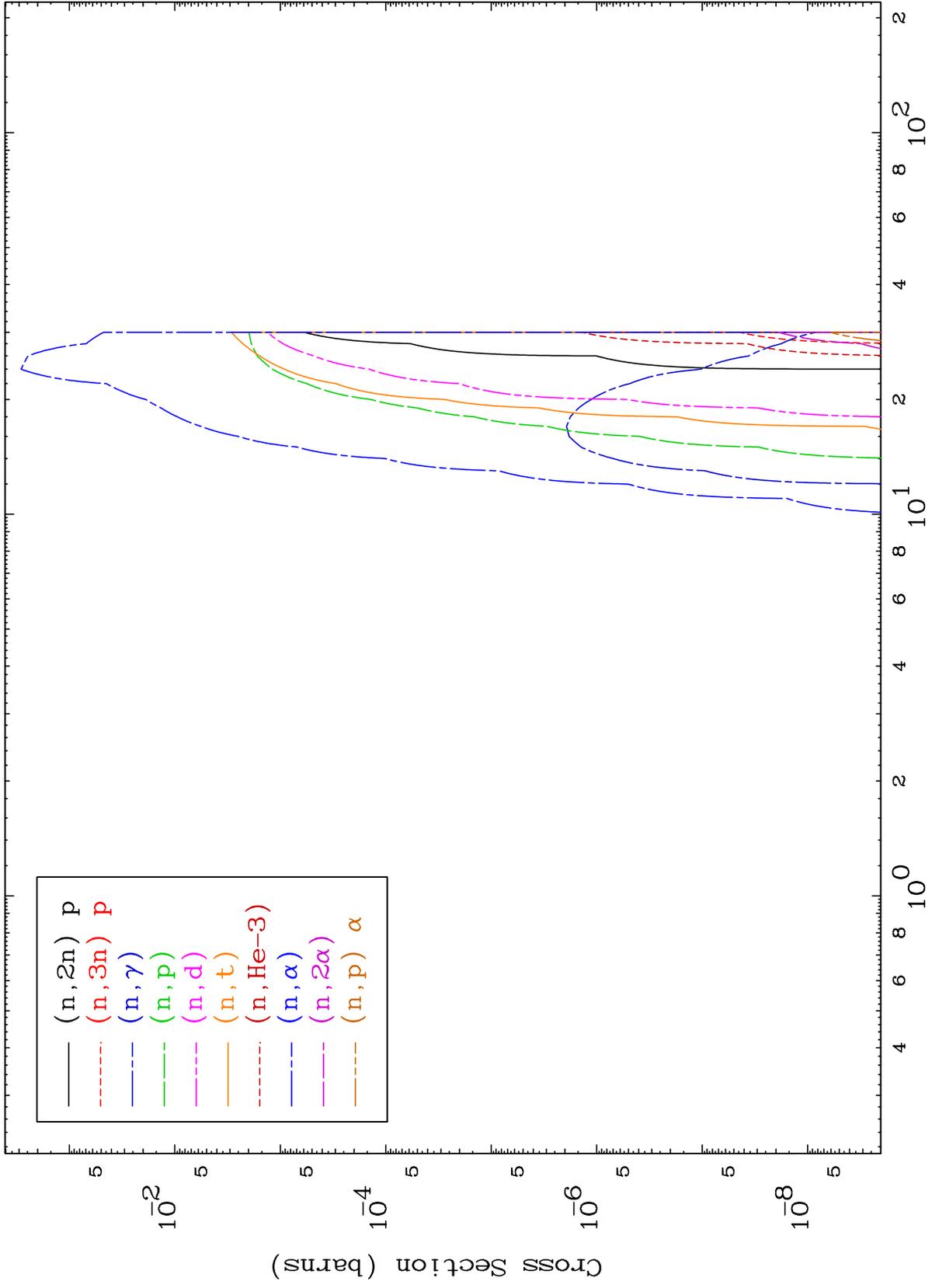
α Major

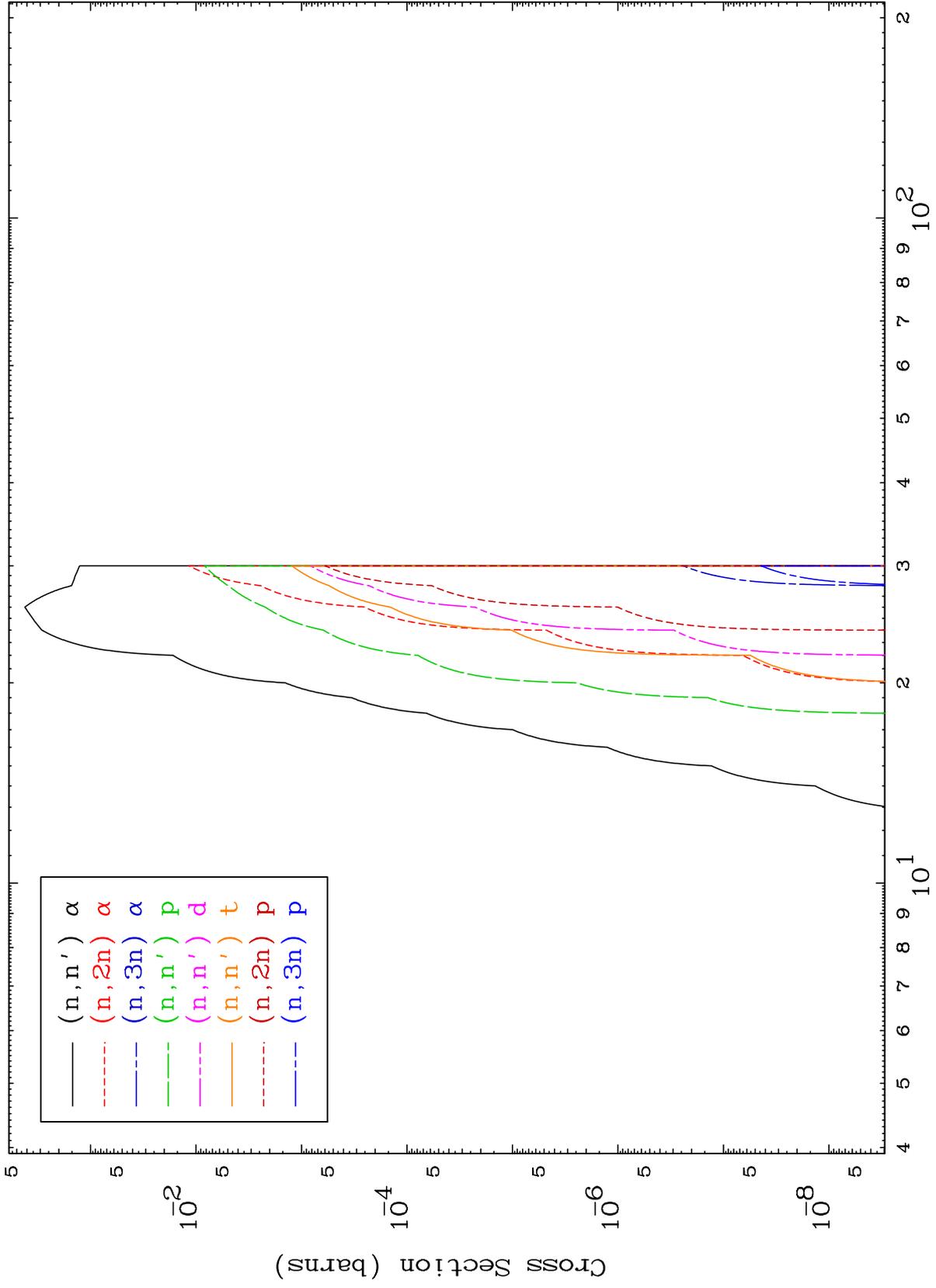
54-Xe-137

0 Kelvin Cross Sections





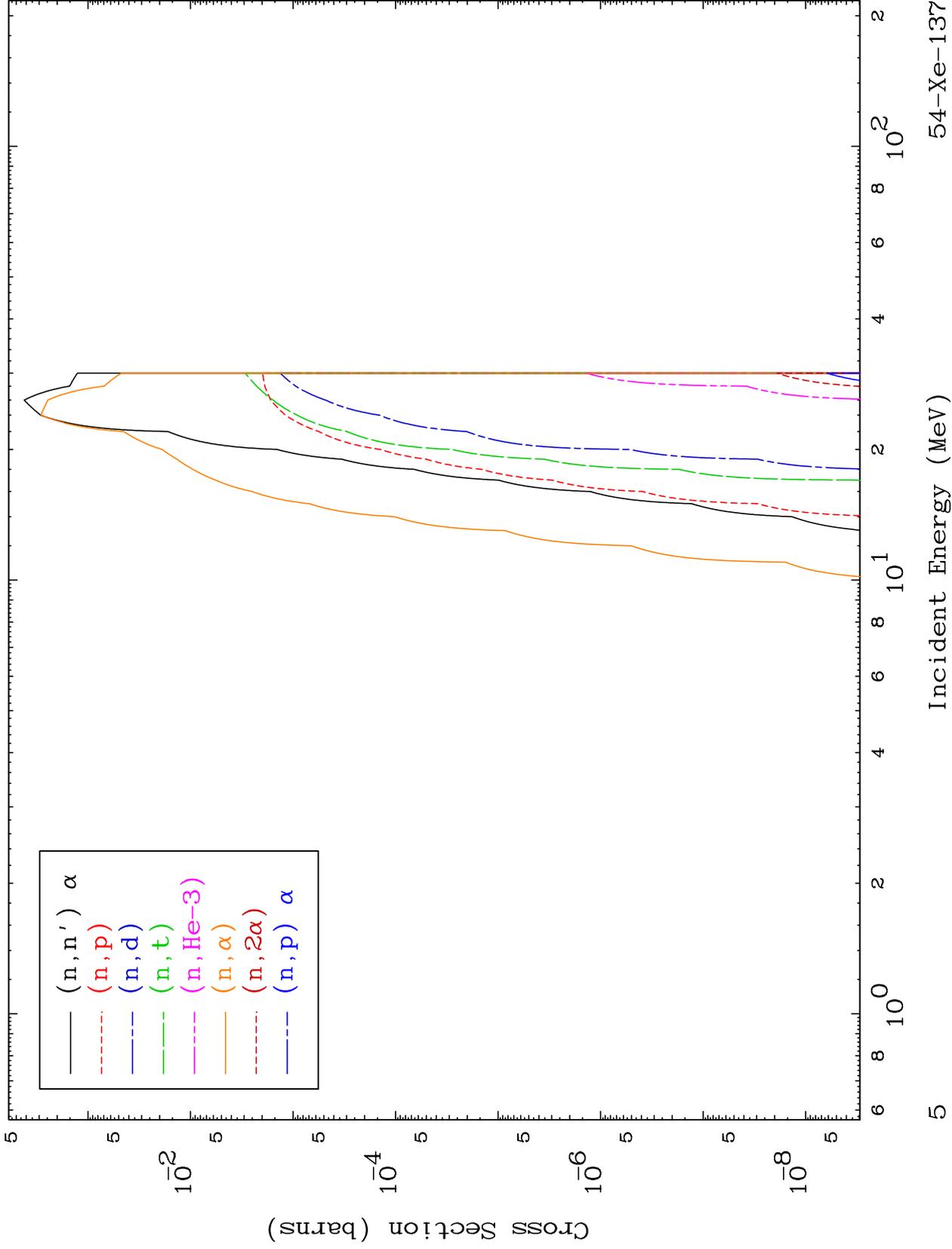




MAT 5464

α Charged Particle
0 Kelvin Cross Sections

54-Xe-137



5

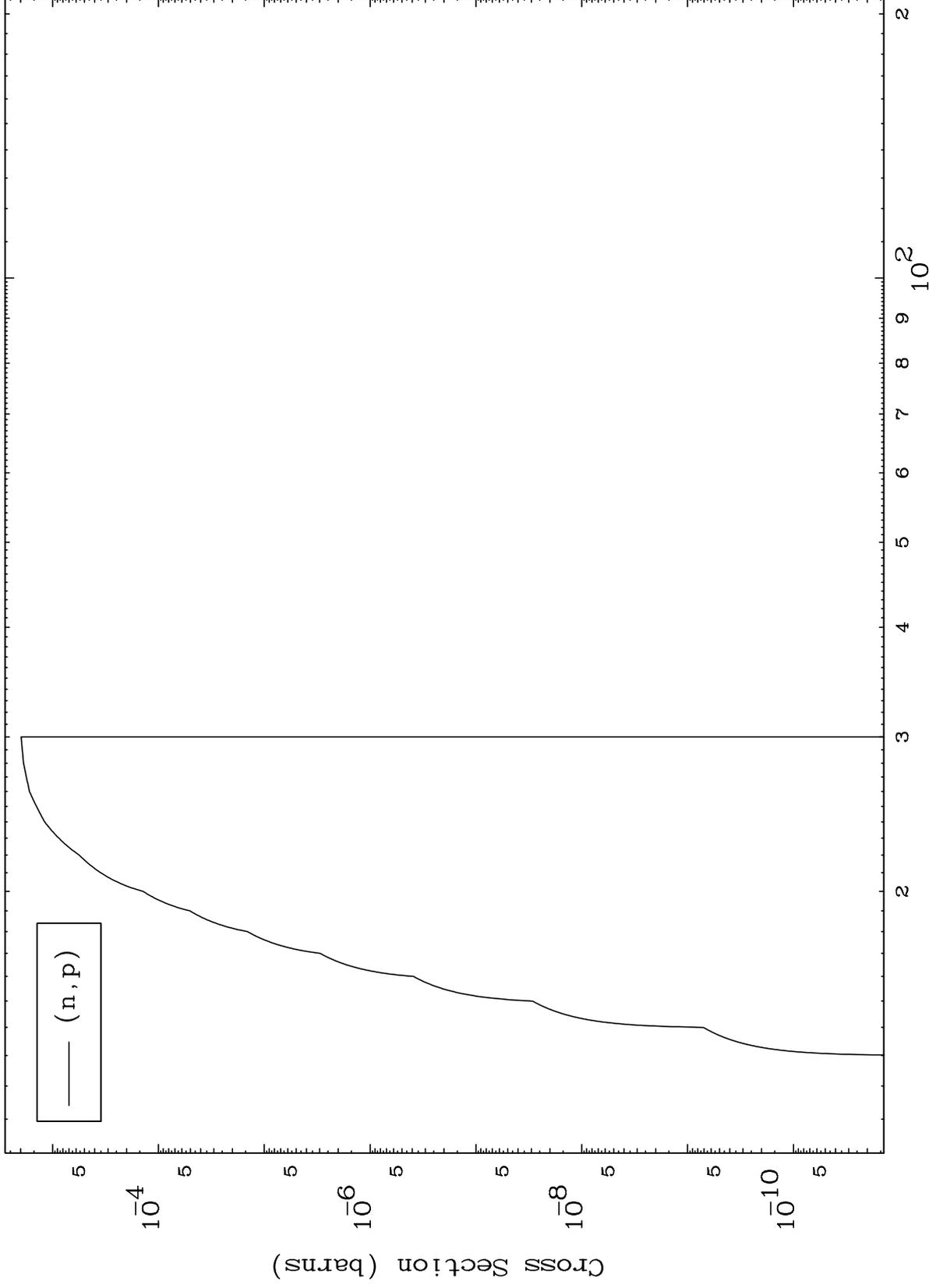
Incident Energy (MeV)

54-Xe-137

MAT 5464

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-137



6

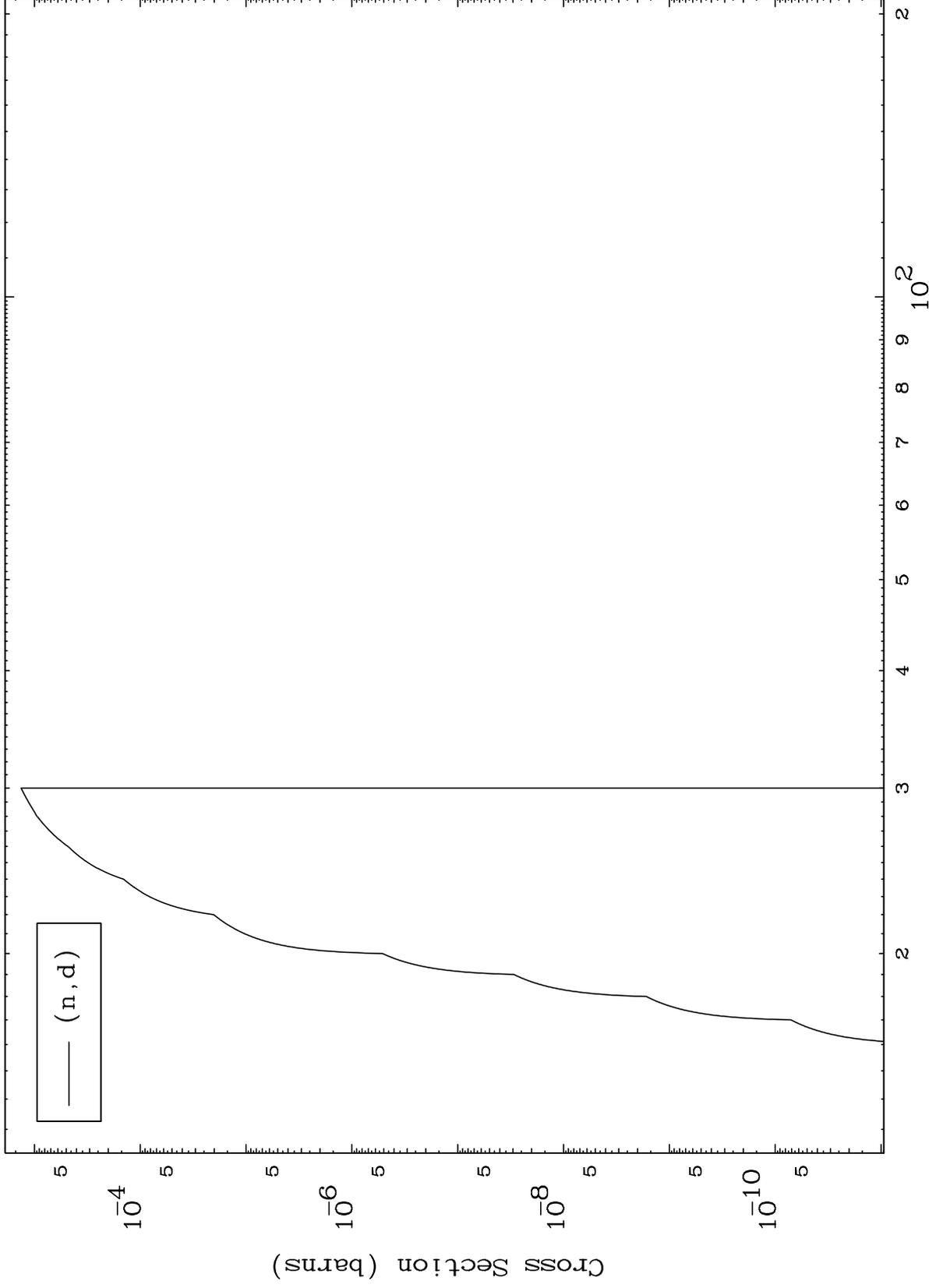
Incident Energy (MeV)

54-Xe-137

MAT 5464

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-137



7

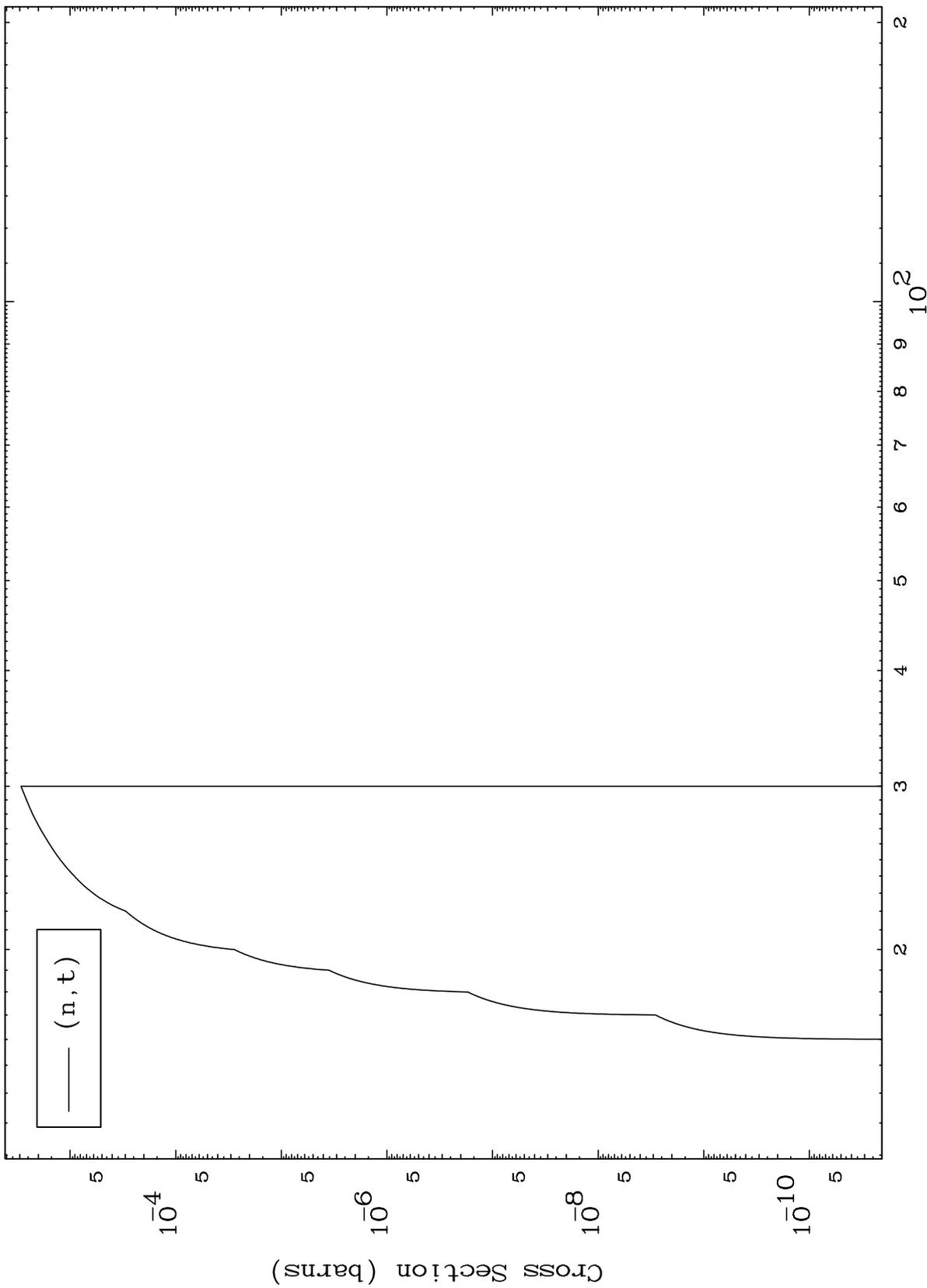
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(α, t) Levels
0 Kelvin Cross Sections



54-Xe-137

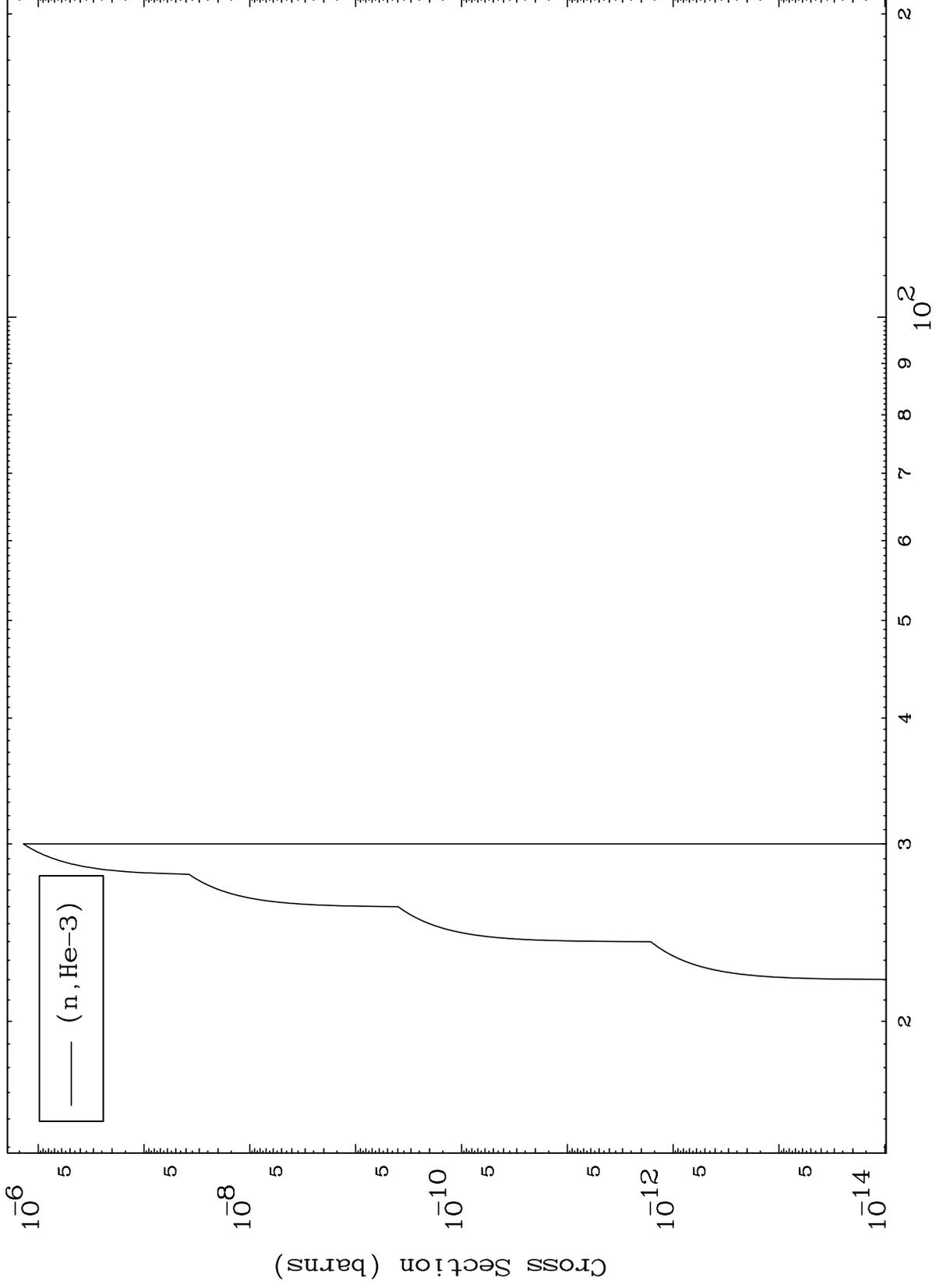
Incident Energy (MeV)

8

MAT 5464

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

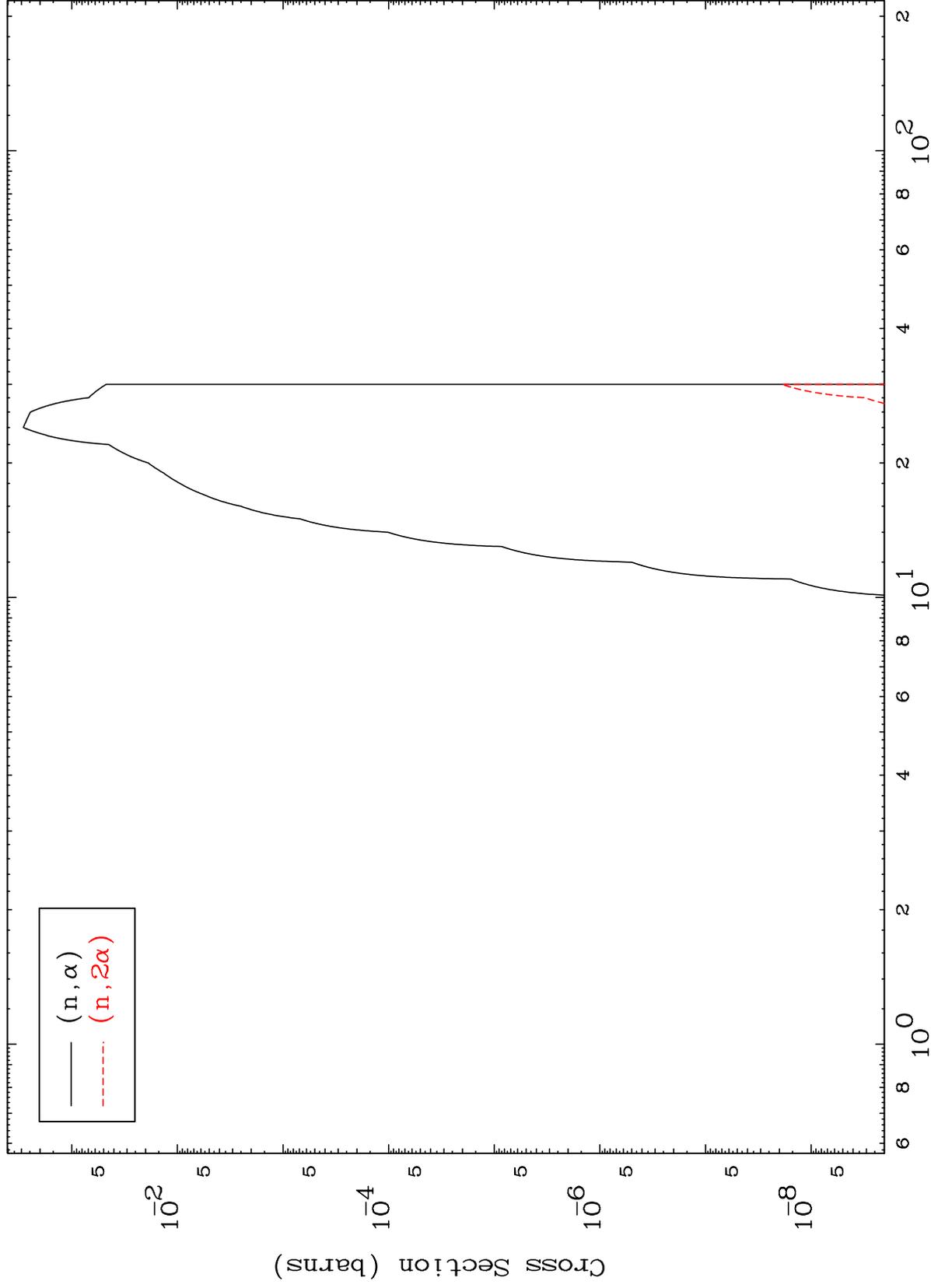
54-Xe-137



MAT 5464

54-Xe-137

(α, α) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

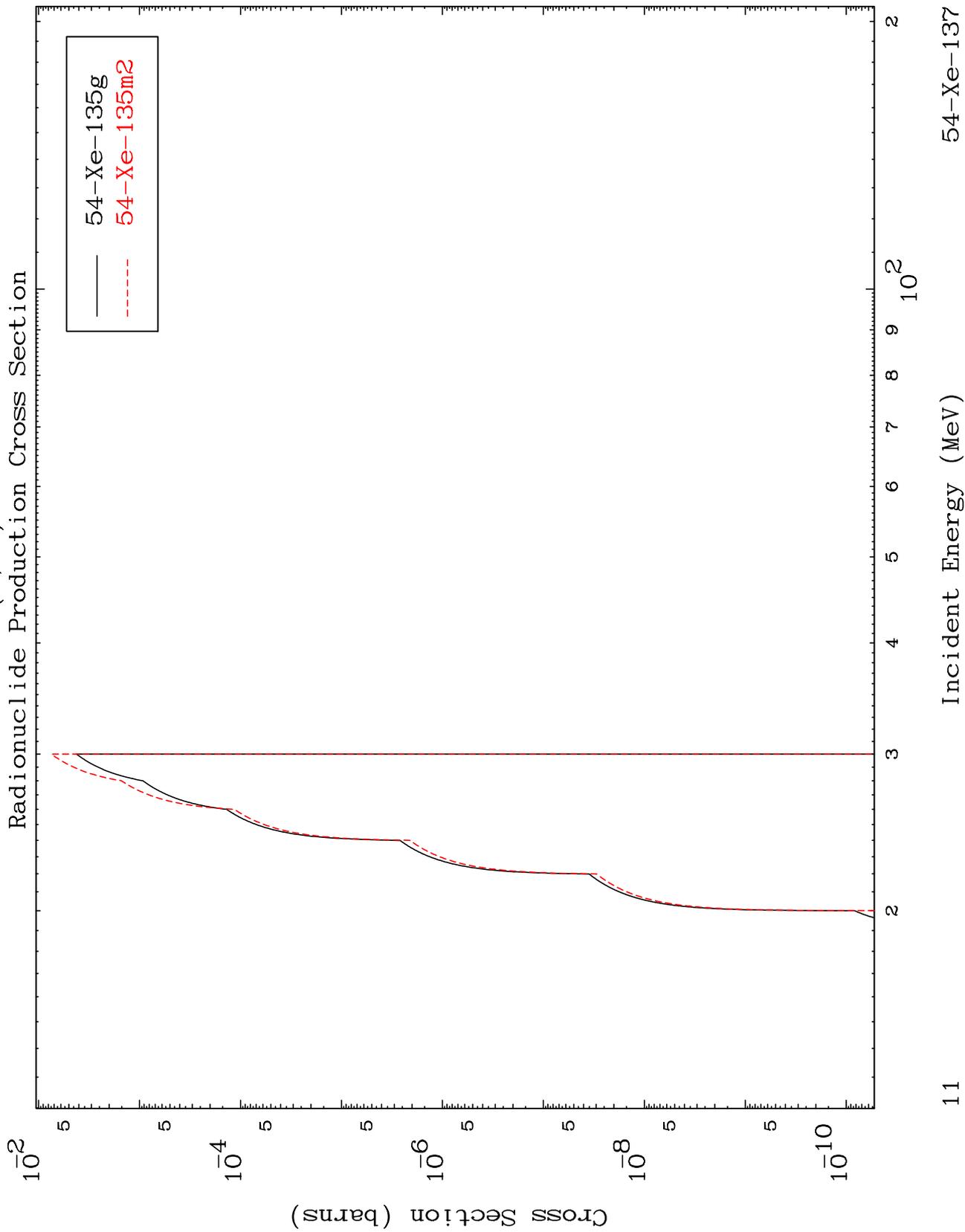
54-Xe-137

10

MAT 5464

(n,2n) α

54-Xe-137

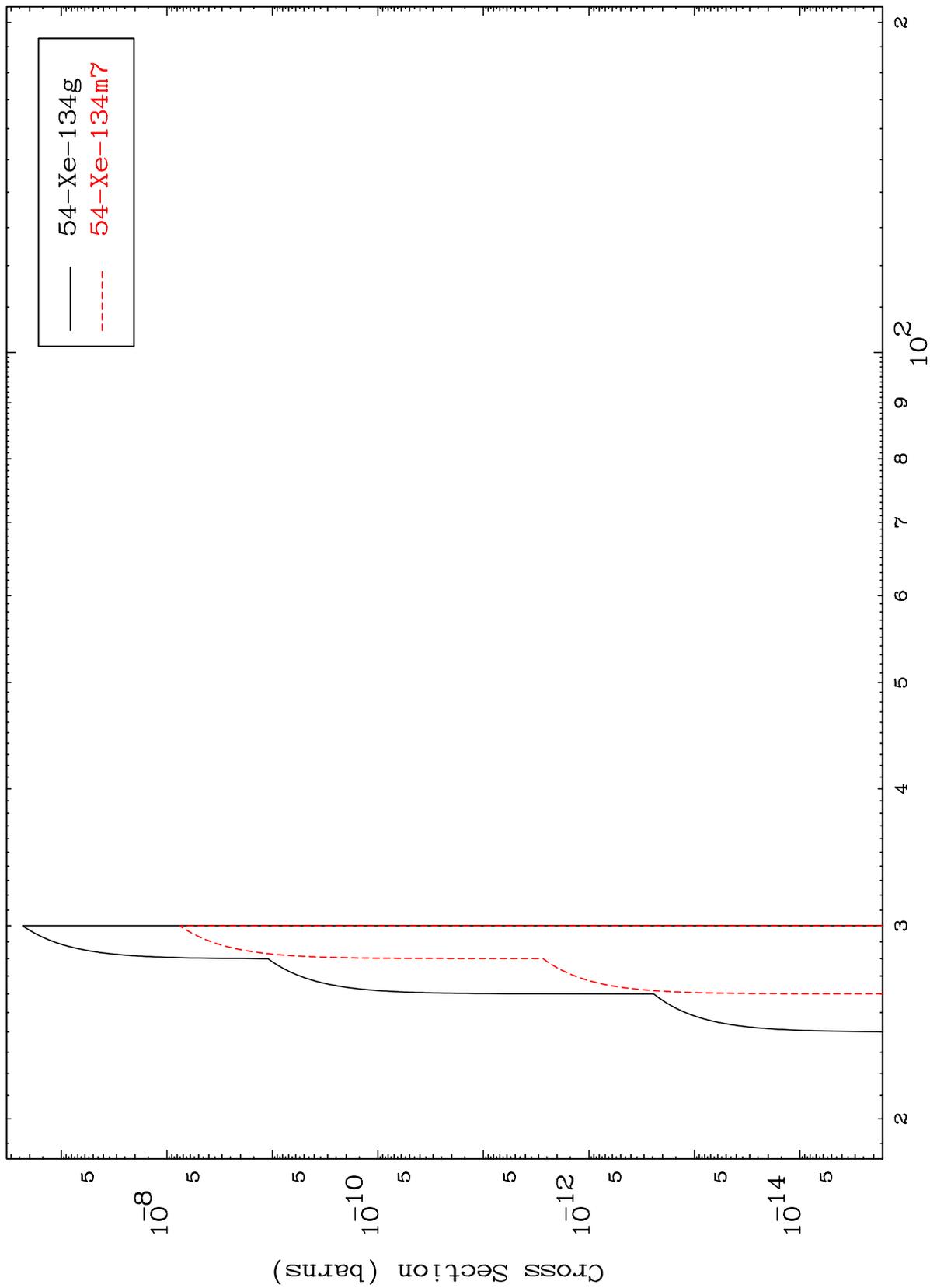


MAT 5464

(n,3n) α

54-Xe-137

Radionuclide Production Cross Section



12

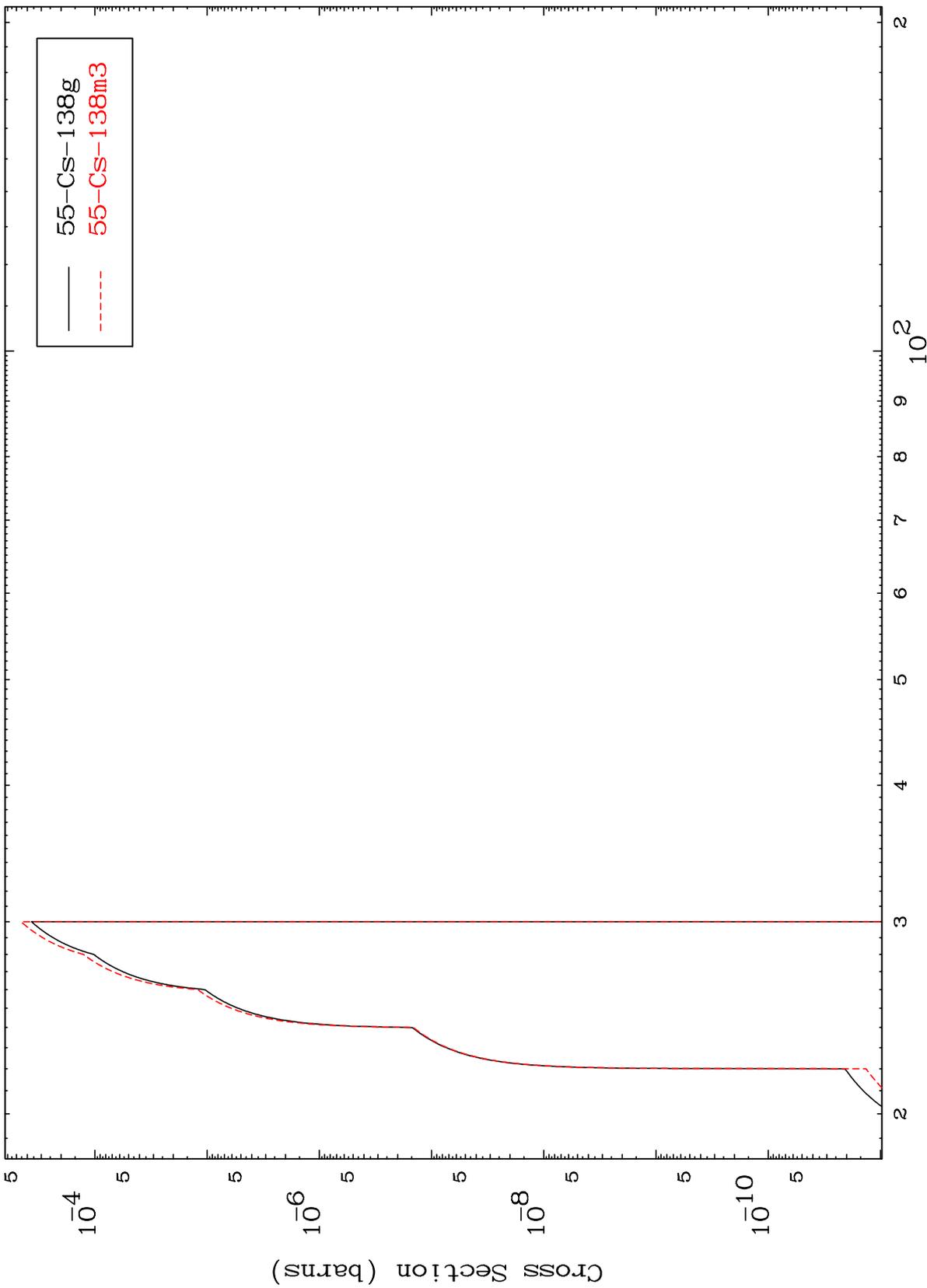
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(n,n') d
Radionuclide Production Cross Section



54-Xe-137

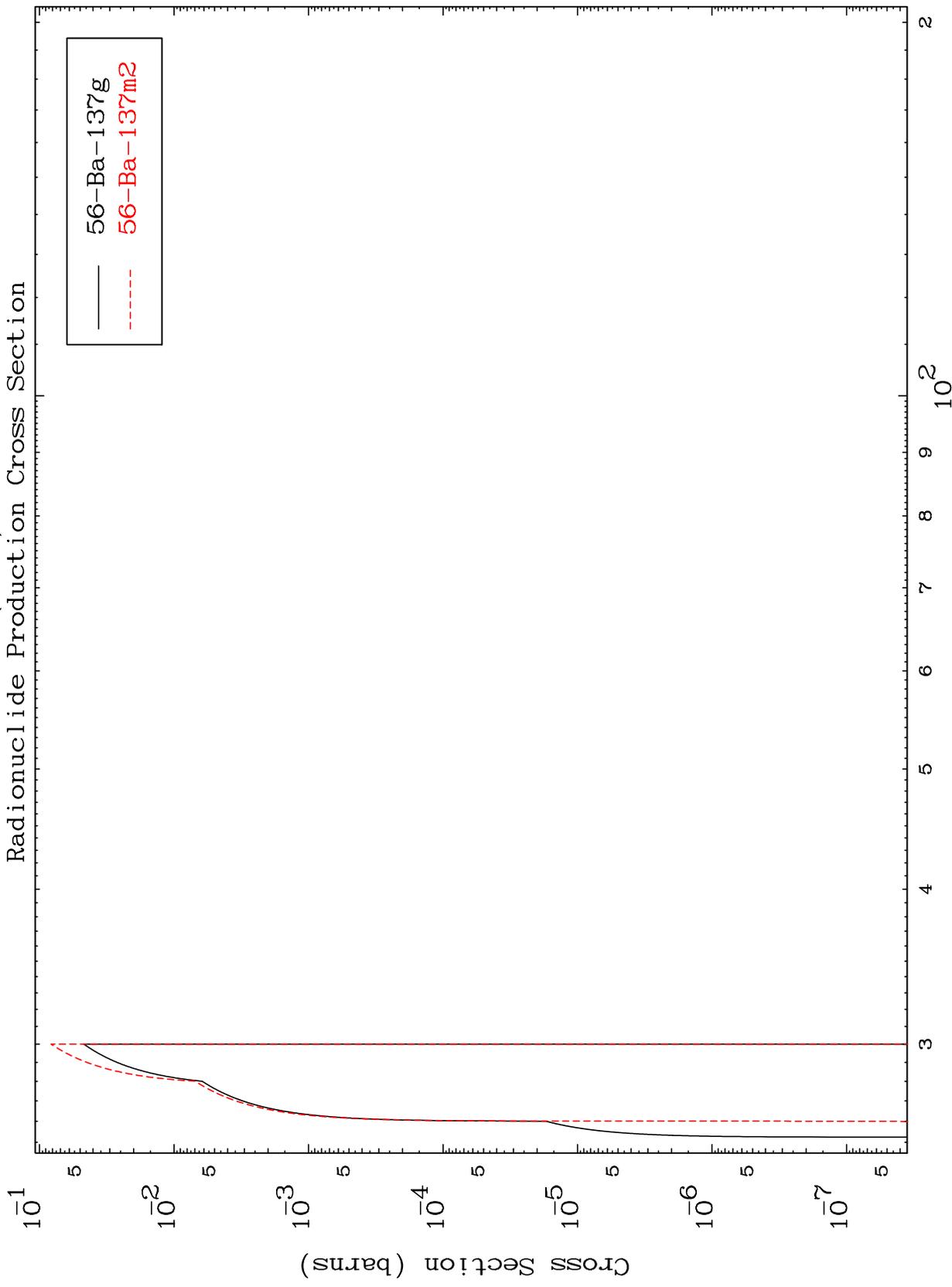
Incident Energy (MeV)

13

MAT 5464

54-Xe-137

(n,4n)
Radionuclide Production Cross Section



14

54-Xe-137

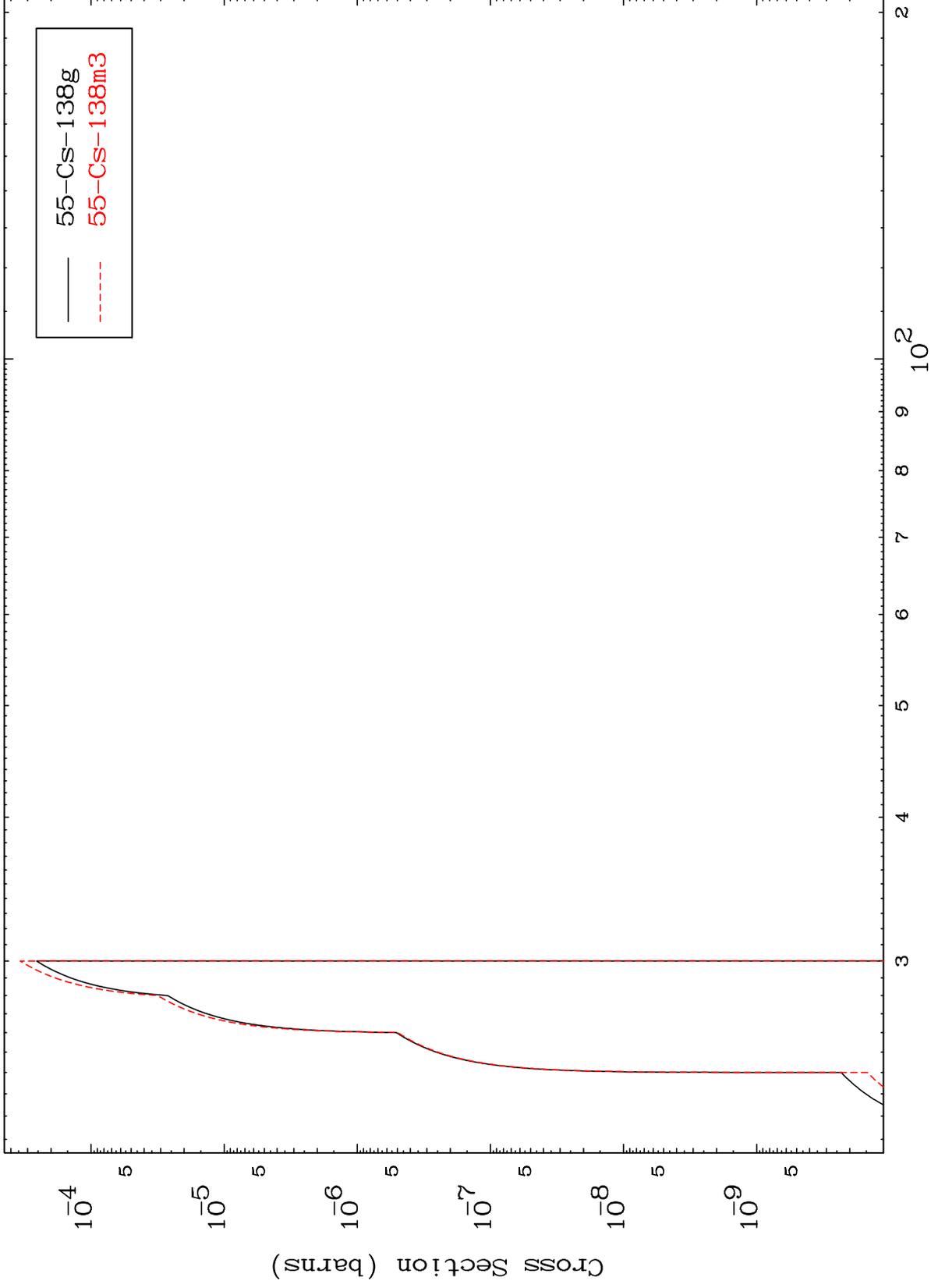
Incident Energy (MeV)

MAT 5464

(n,2n) p

54-Xe-137

Radionuclide Production Cross Section

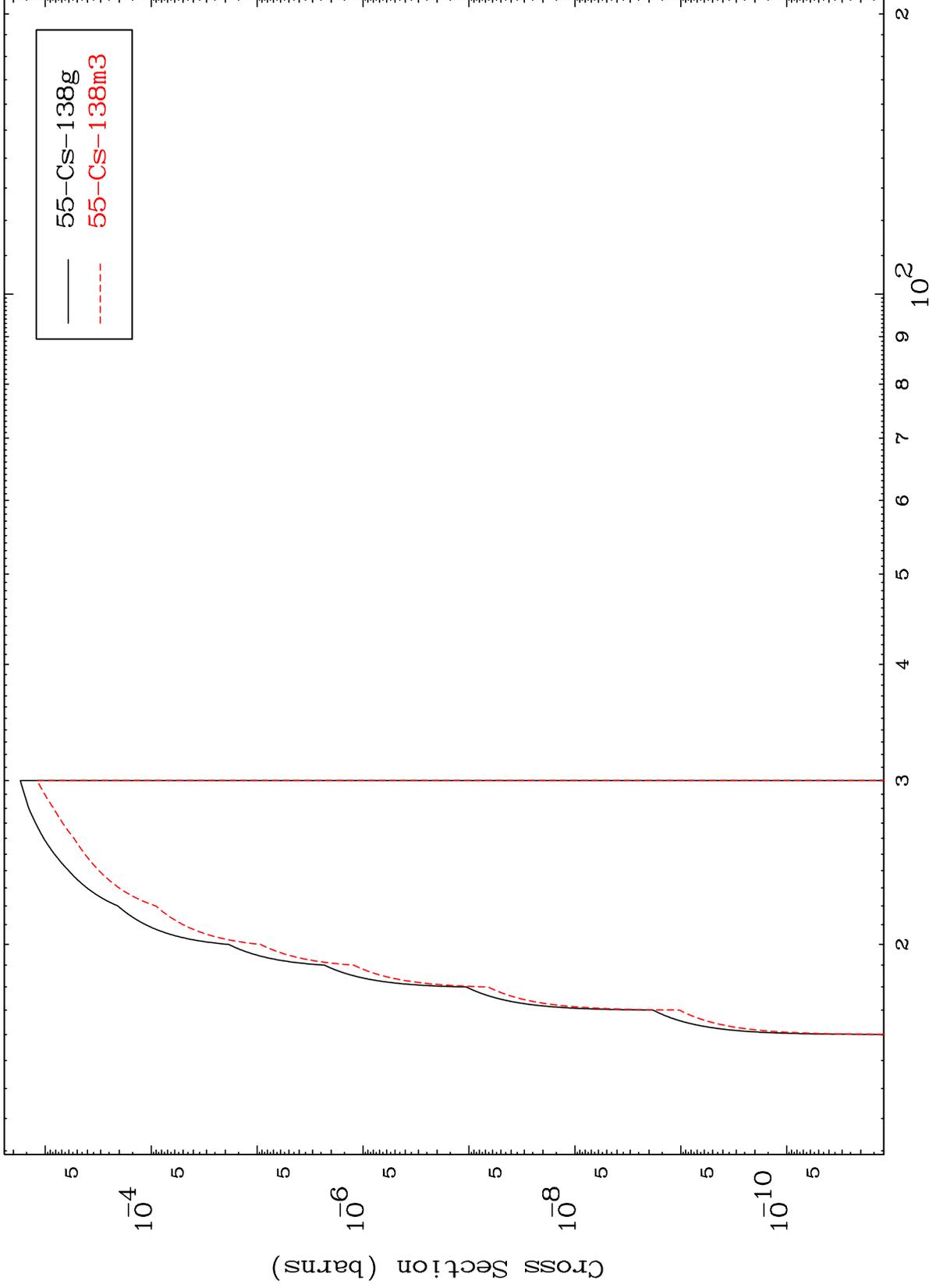


15

Incident Energy (MeV)

54-Xe-137

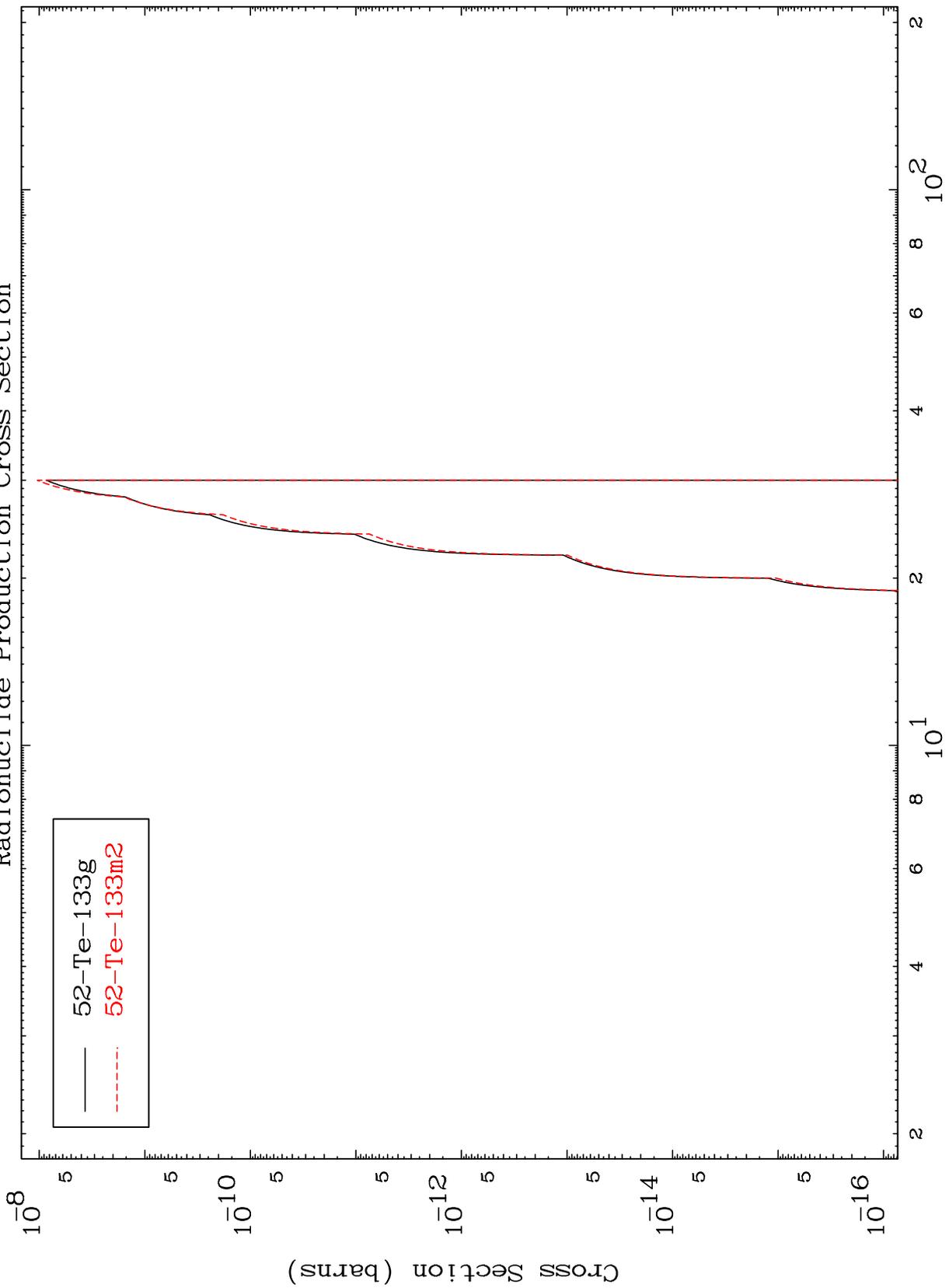
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

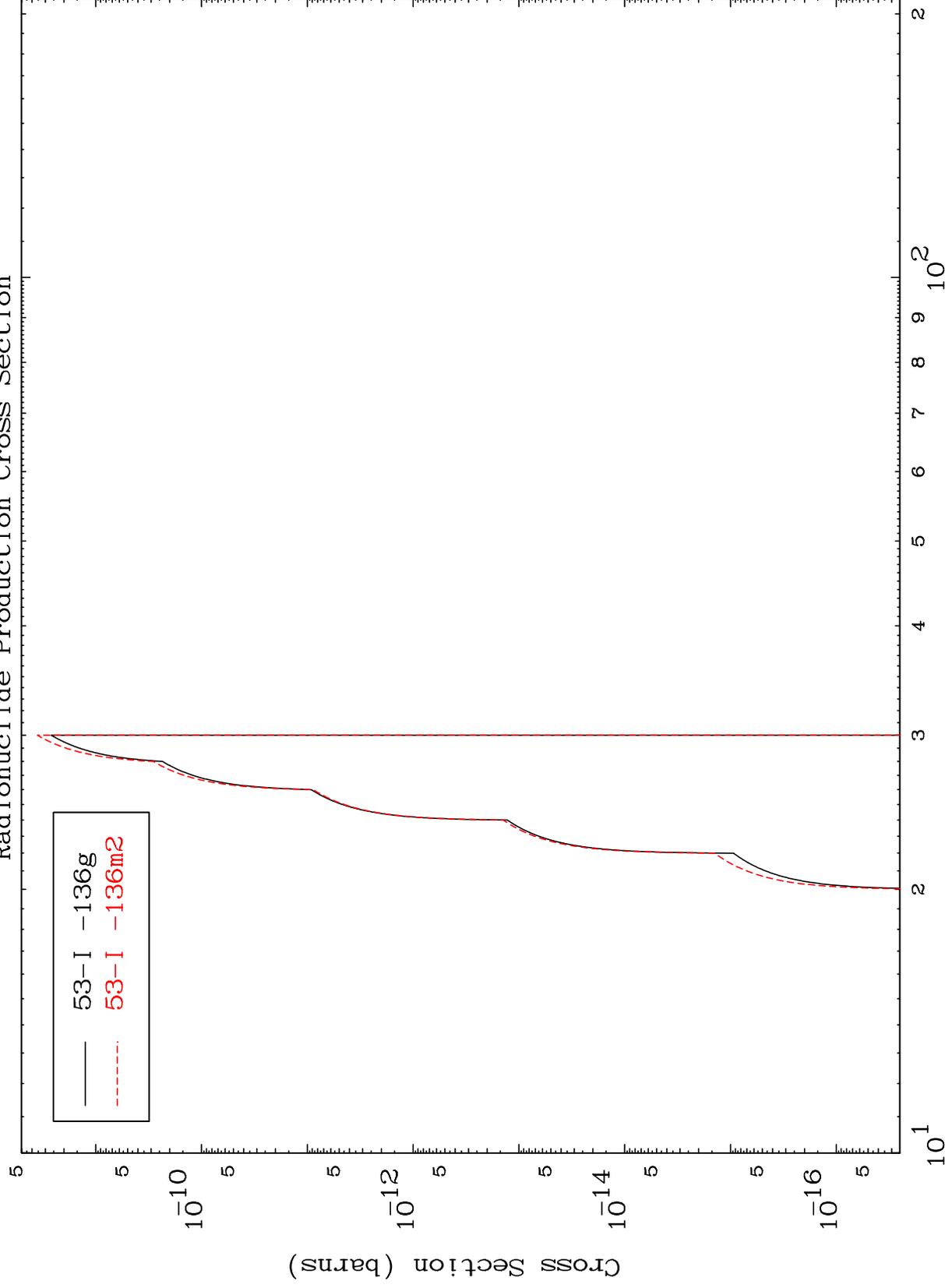
54-Xe-137

MAT 5464

(n,p) α

54-Xe-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-137