

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

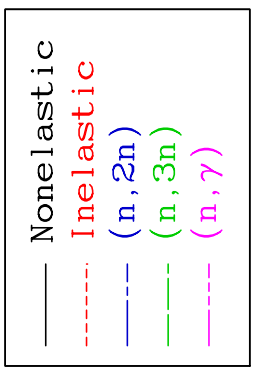
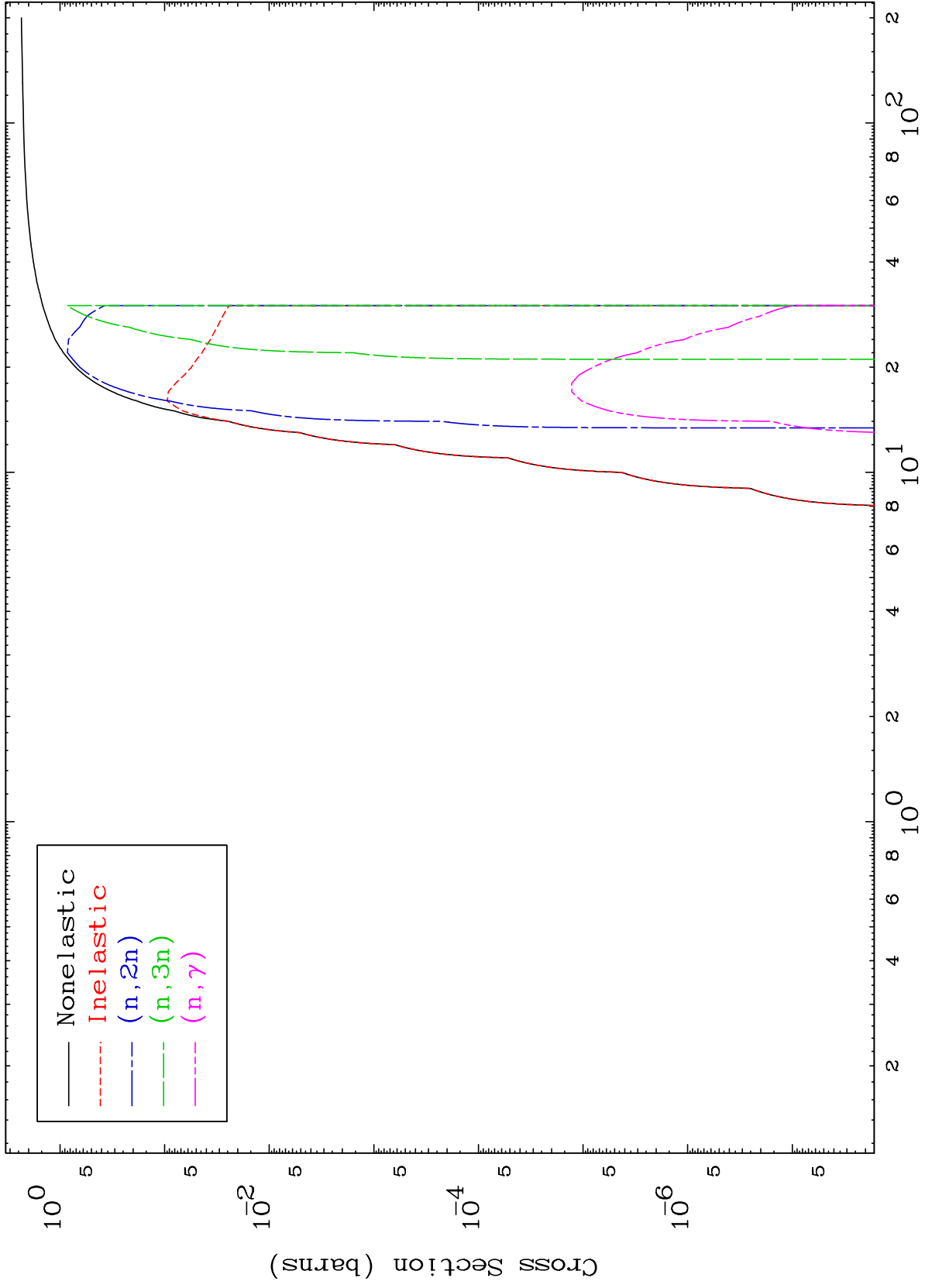
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5535

0 Kelvin α Major Cross Sections

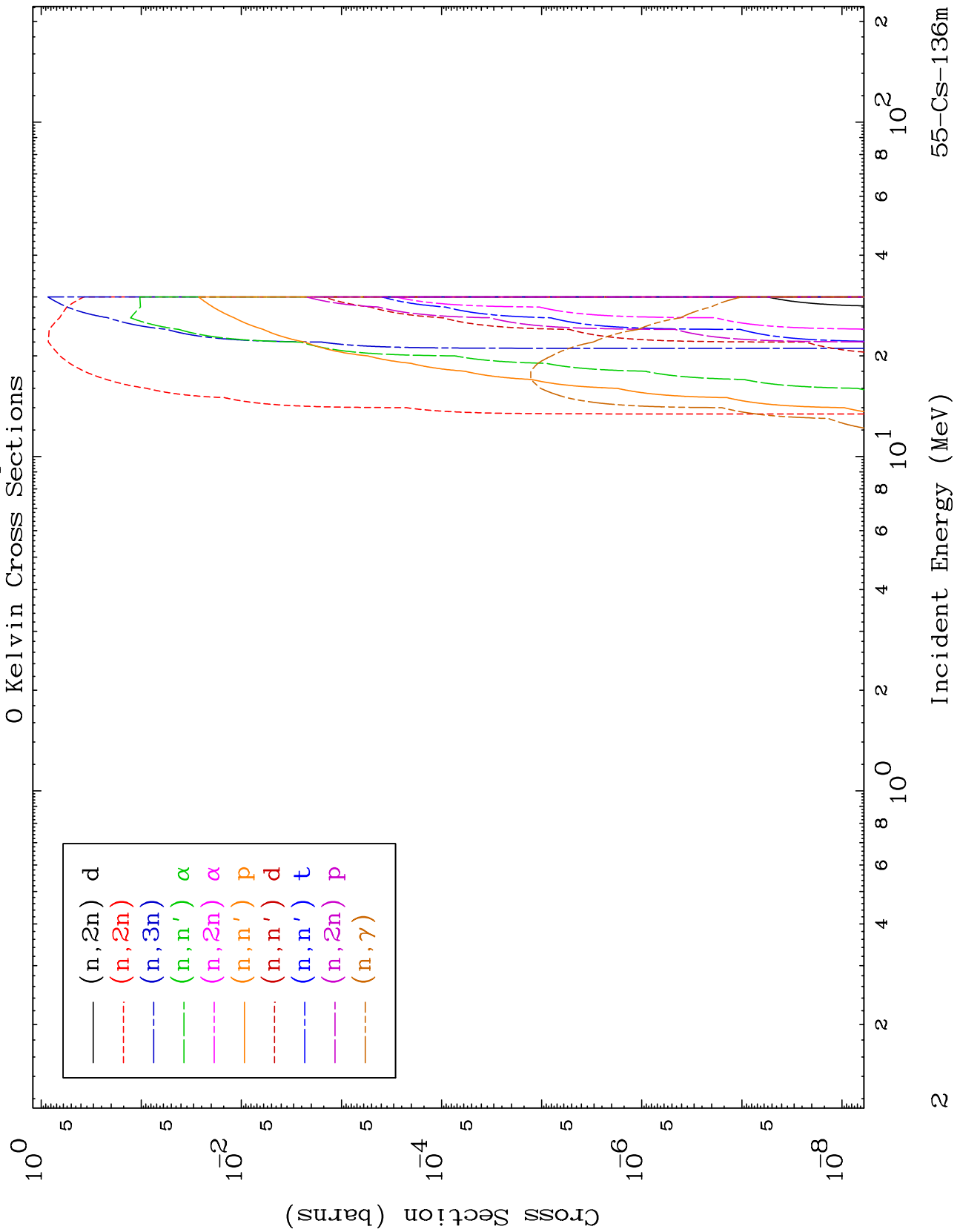
55-Cs-136m



MAT 5535

α Neutron Absorption

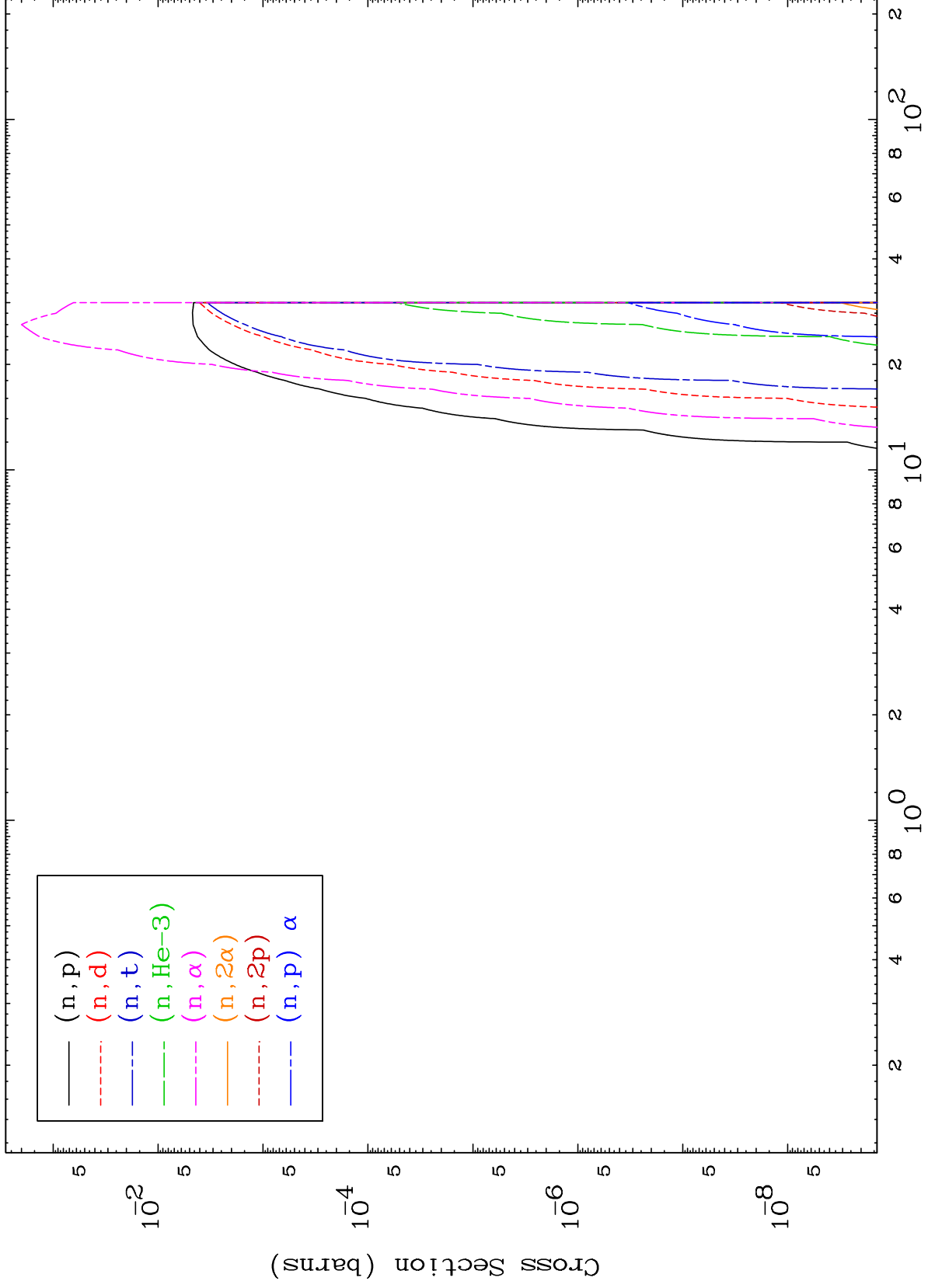
55-Cs-136m



MAT 5535

α Neutron Absorption
0 Kelvin Cross Sections

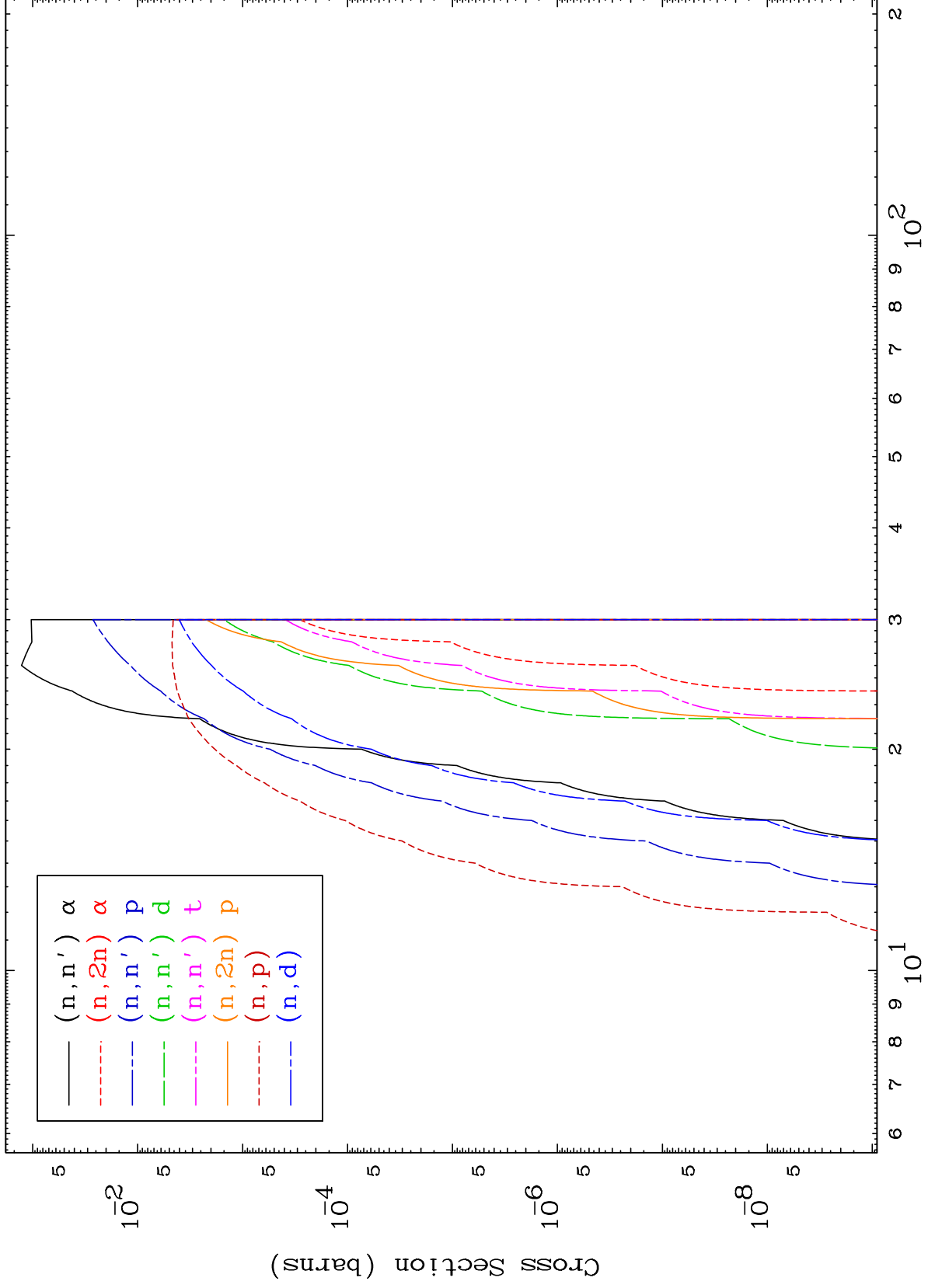
55-Cs-136m



MAT 5535

α Charged Particle
0 Kelvin Cross Sections

55-Cs-136m

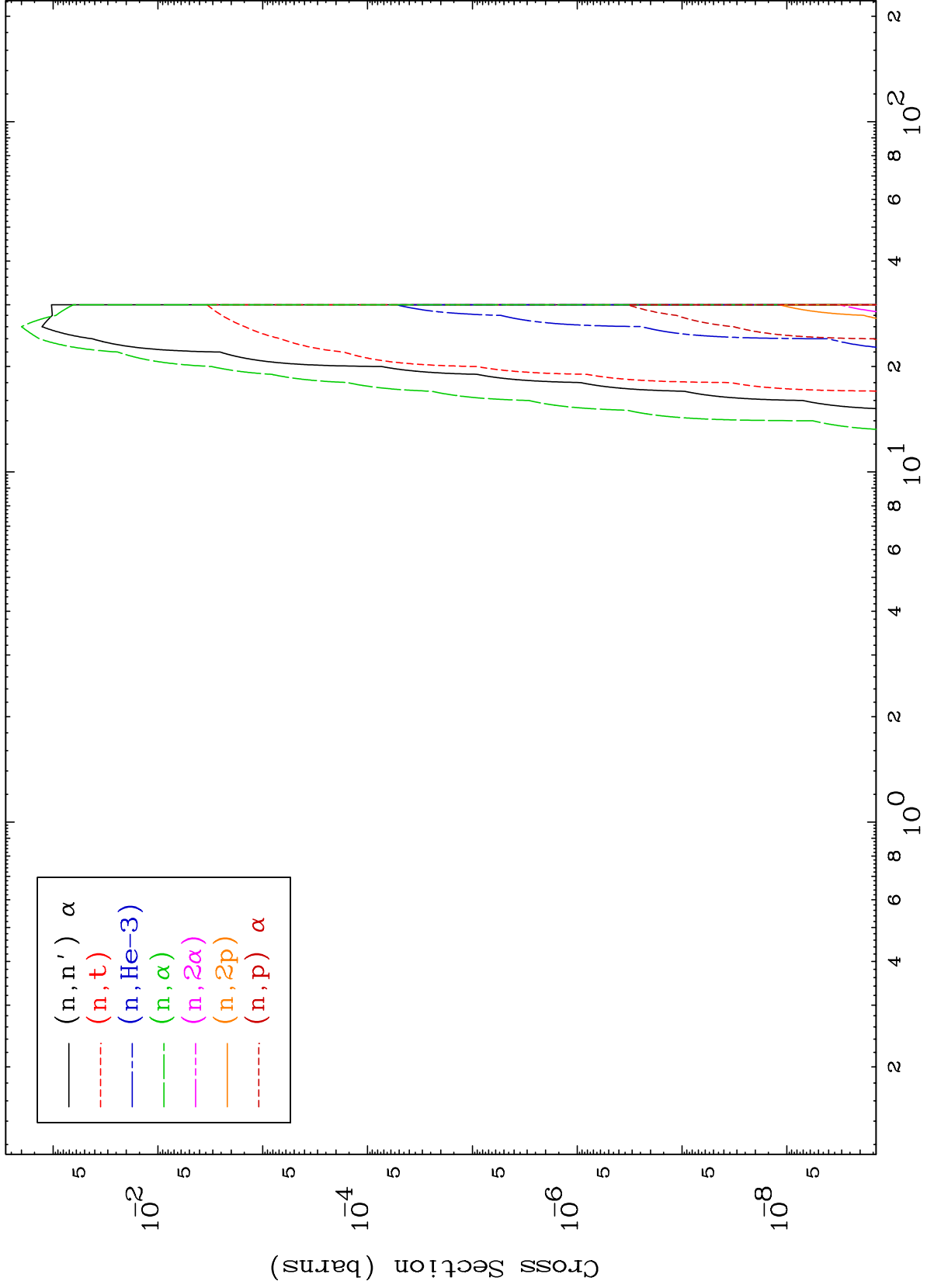


MAT 5535

α Charged Particle

55-Cs-136m

0 Kelvin Cross Sections

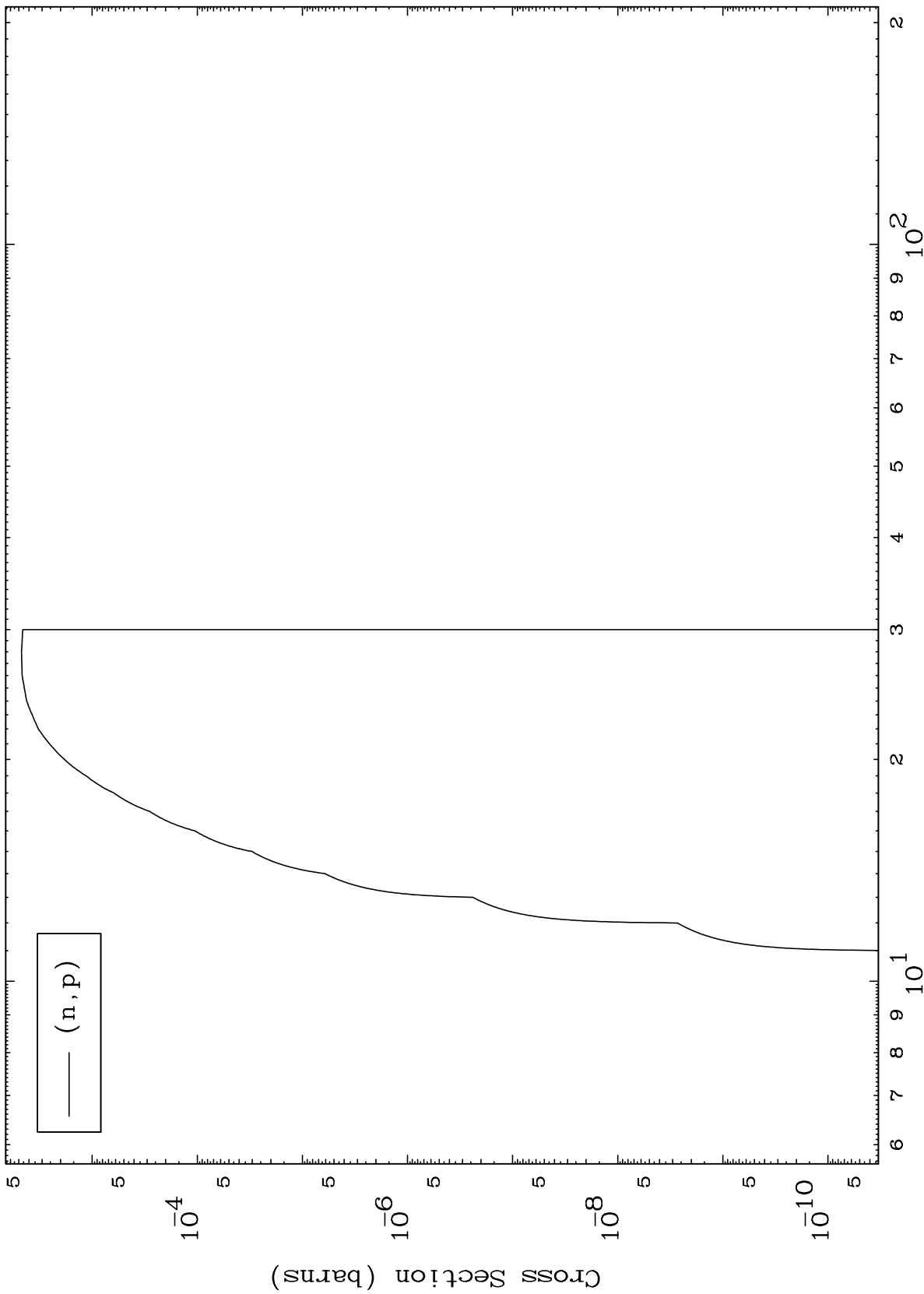


MAT 5535

(α, p) Levels

55-Cs-136m

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

55-Cs-136m

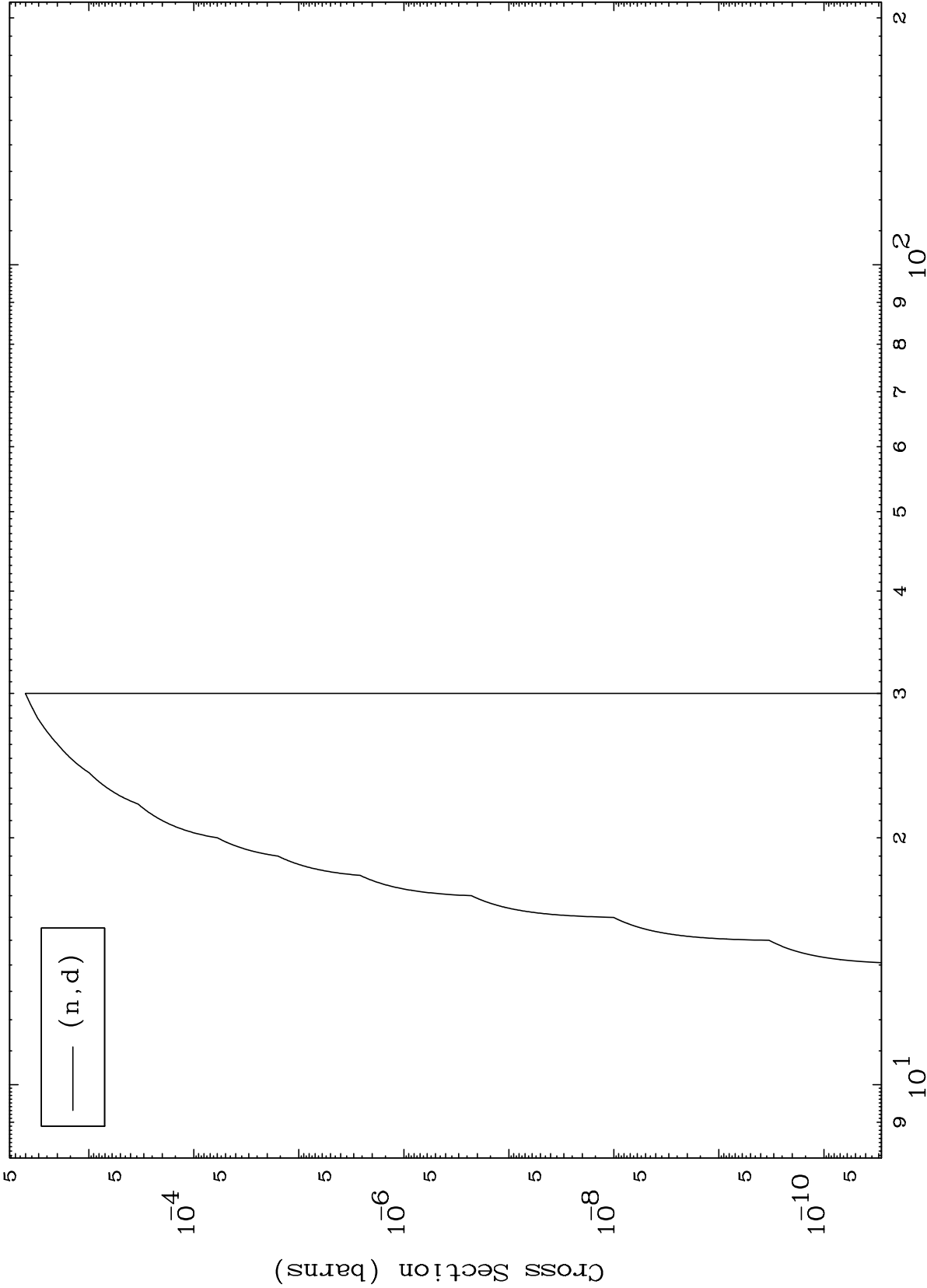
6

MAT 5535

(α, d) Levels

55-Cs-136m

0 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-136m

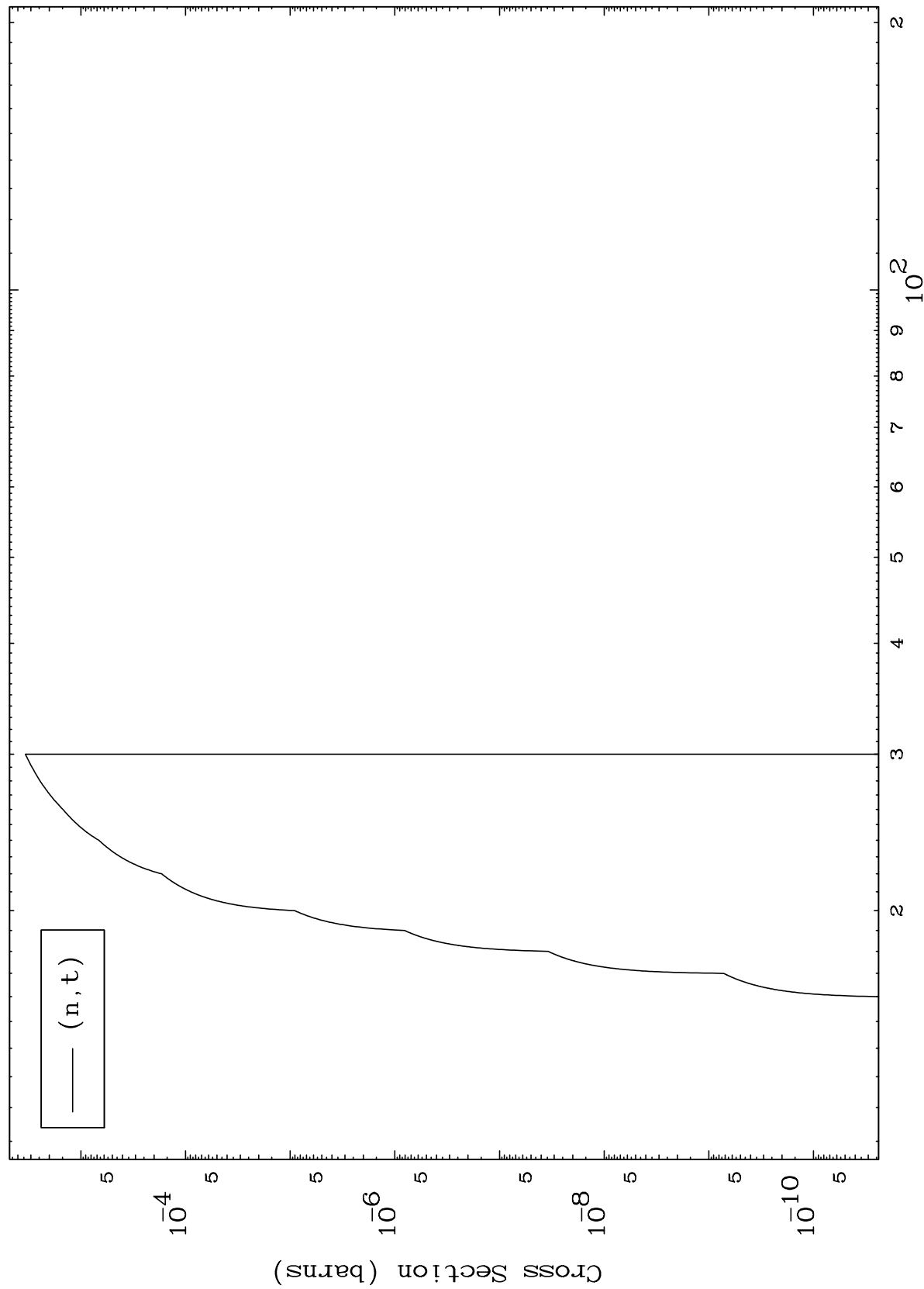
7

MAT 5535

(α, t) Levels

55-Cs-136m

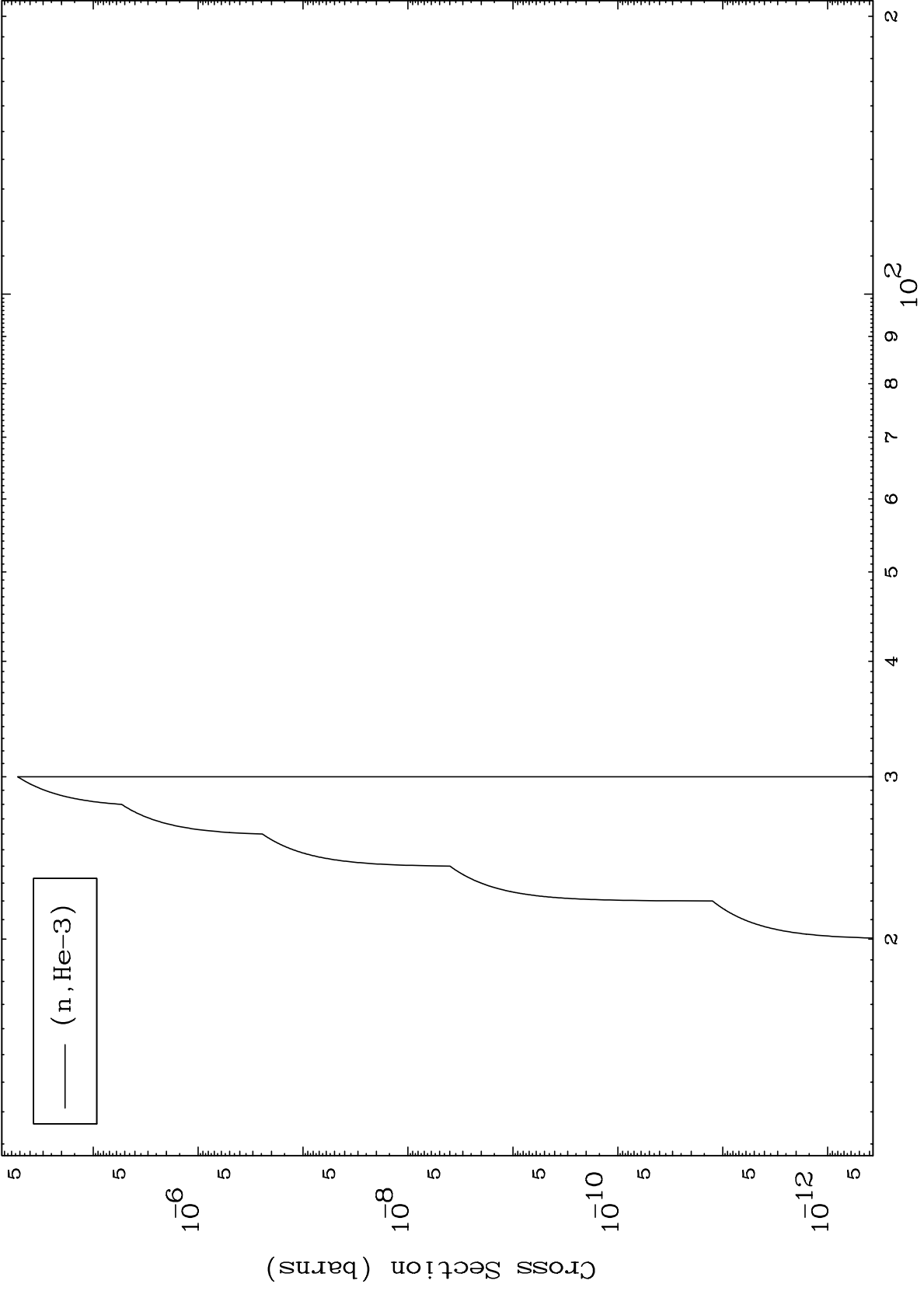
0 Kelvin Cross Sections



MAT 5535

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

55-Cs-136m

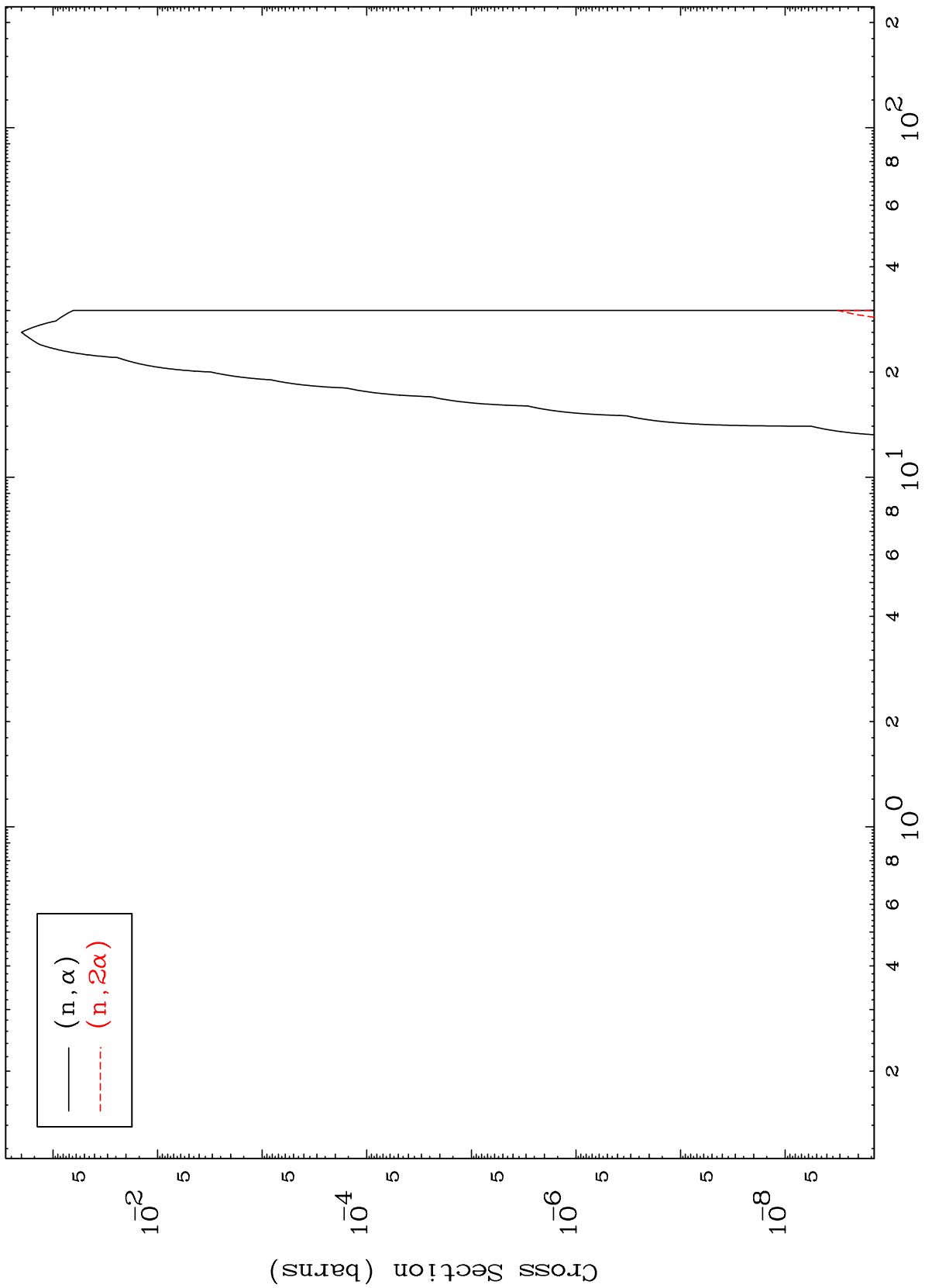


MAT 5535

(α, α) Levels

55-Cs-136m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

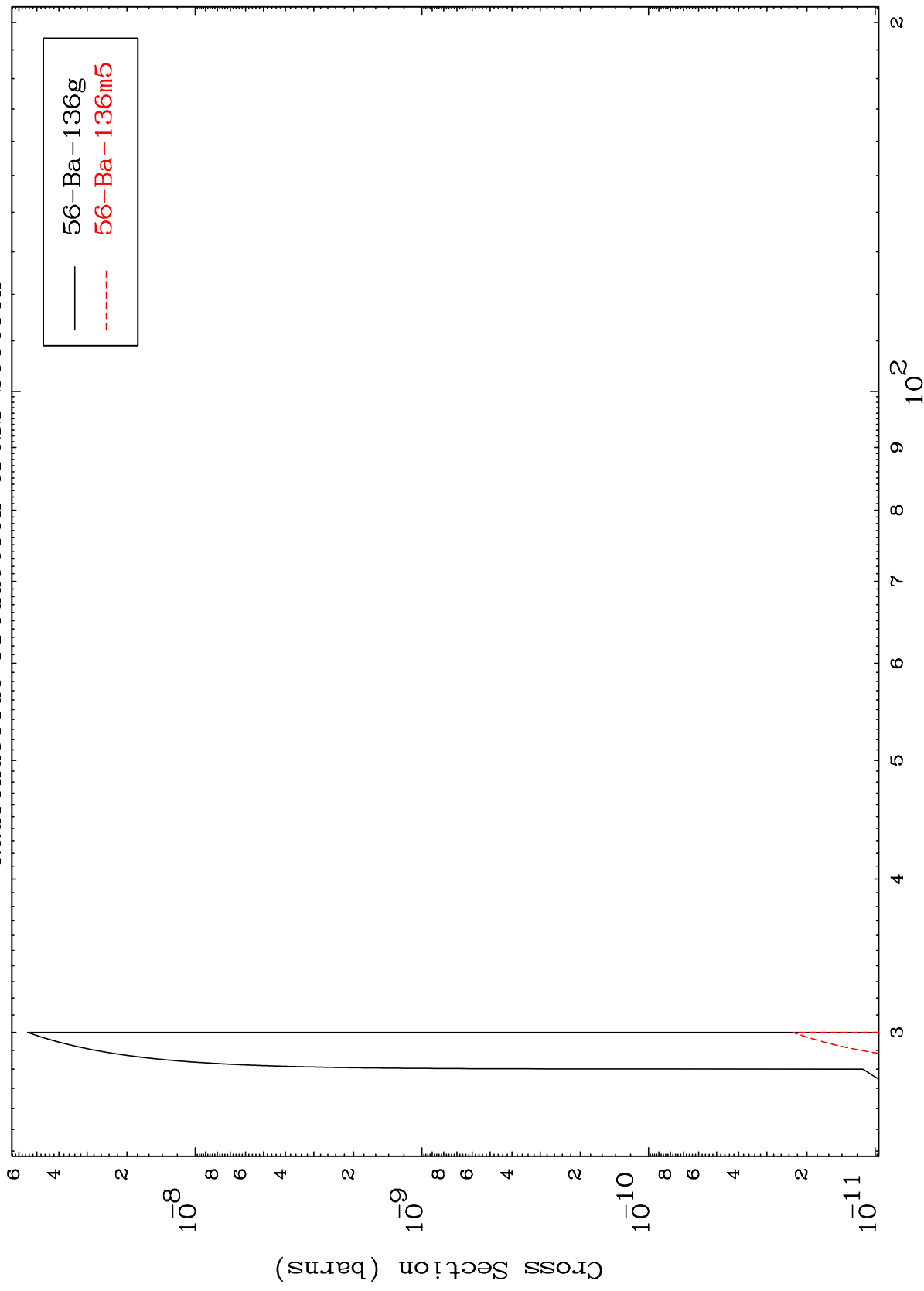
55-Cs-136m

MAT 5535

(n,2n) d

55-Cs-136m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

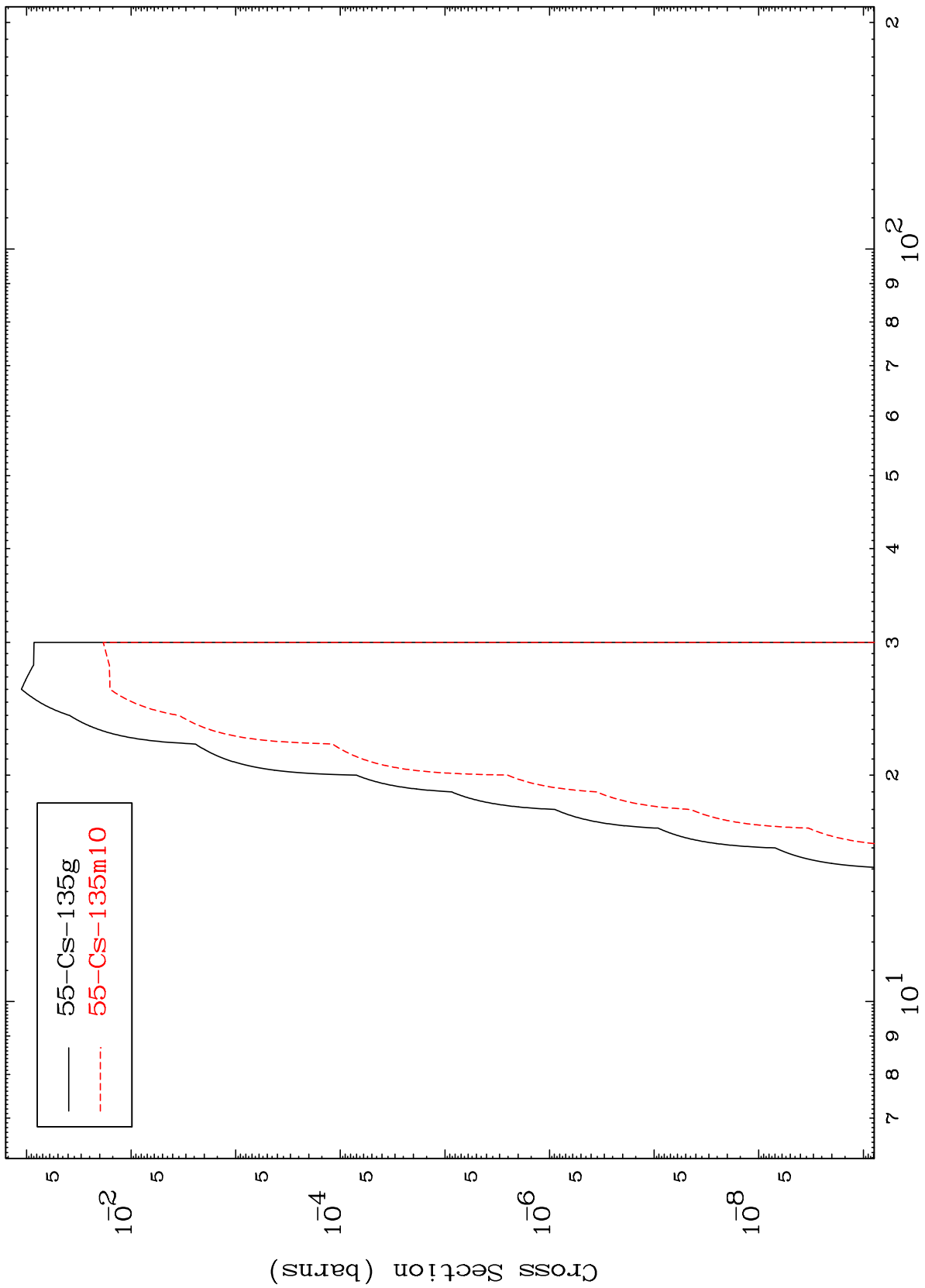
55-Cs-136m

MAT 5535

(n,n') α

55-Cs-136m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

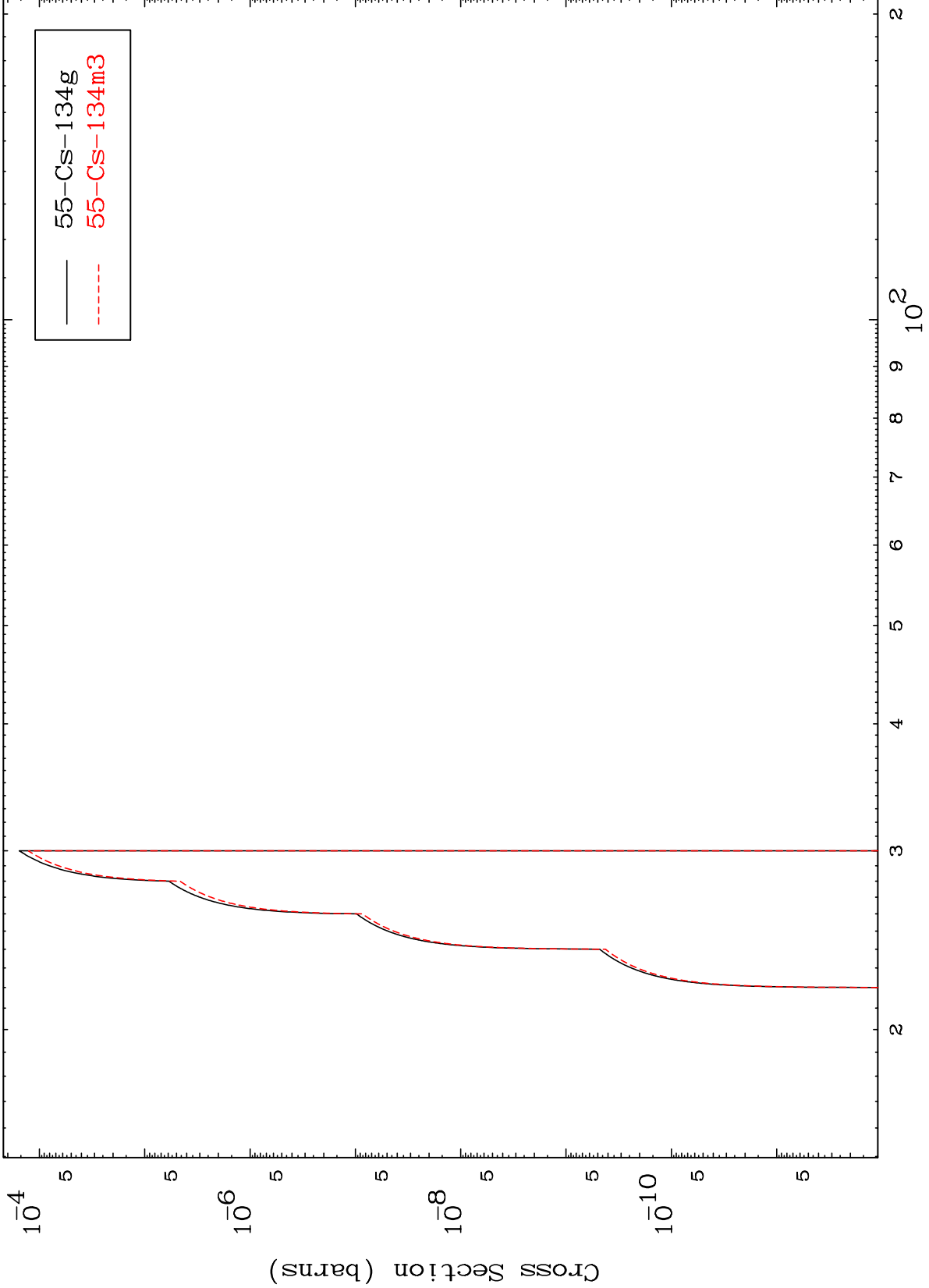
55-Cs-136m

MAT 5535

(n,2n) α

55-Cs-136m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

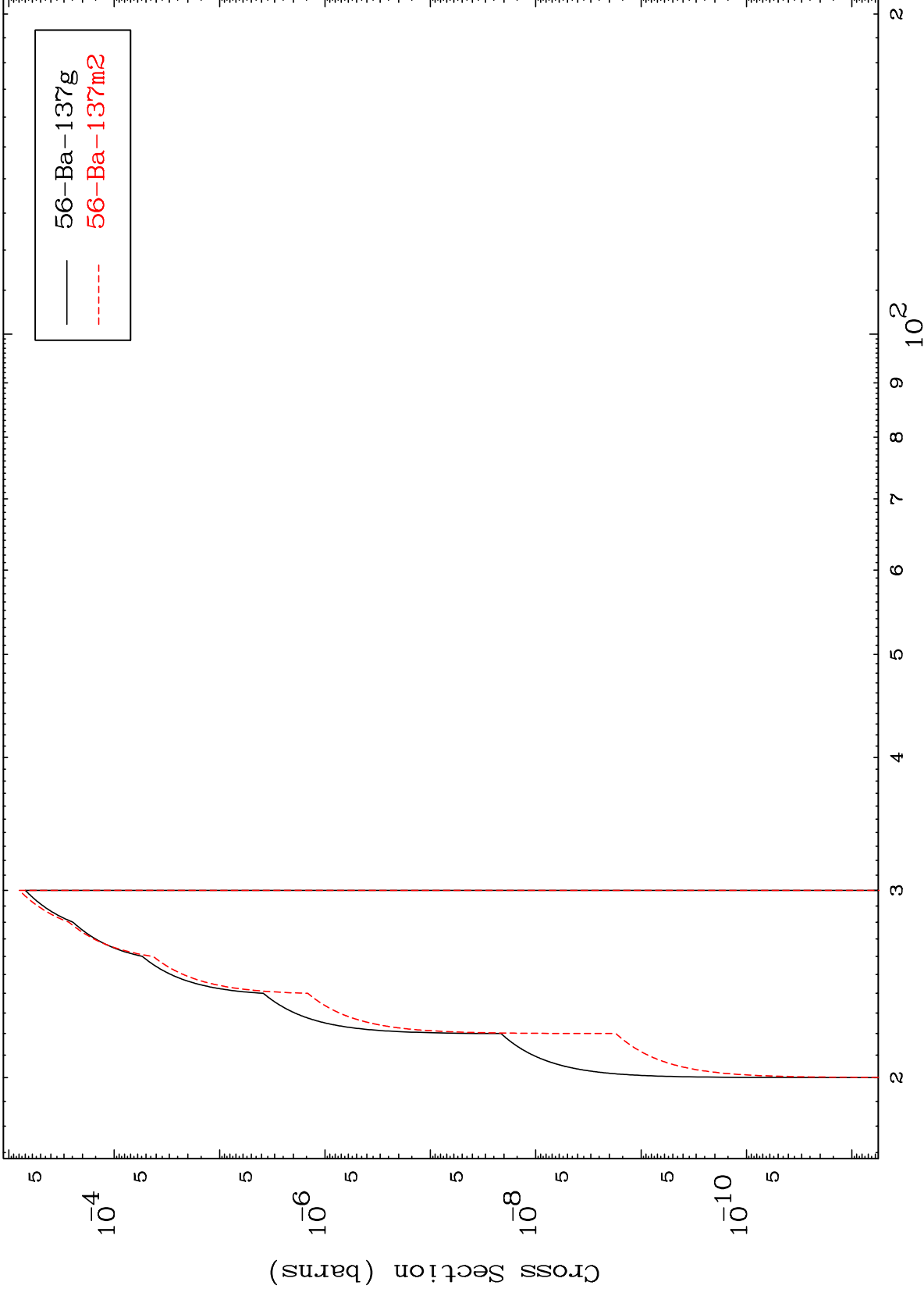
55-Cs-136m

MAT 5535

(n,n') d

55-Cs-136m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

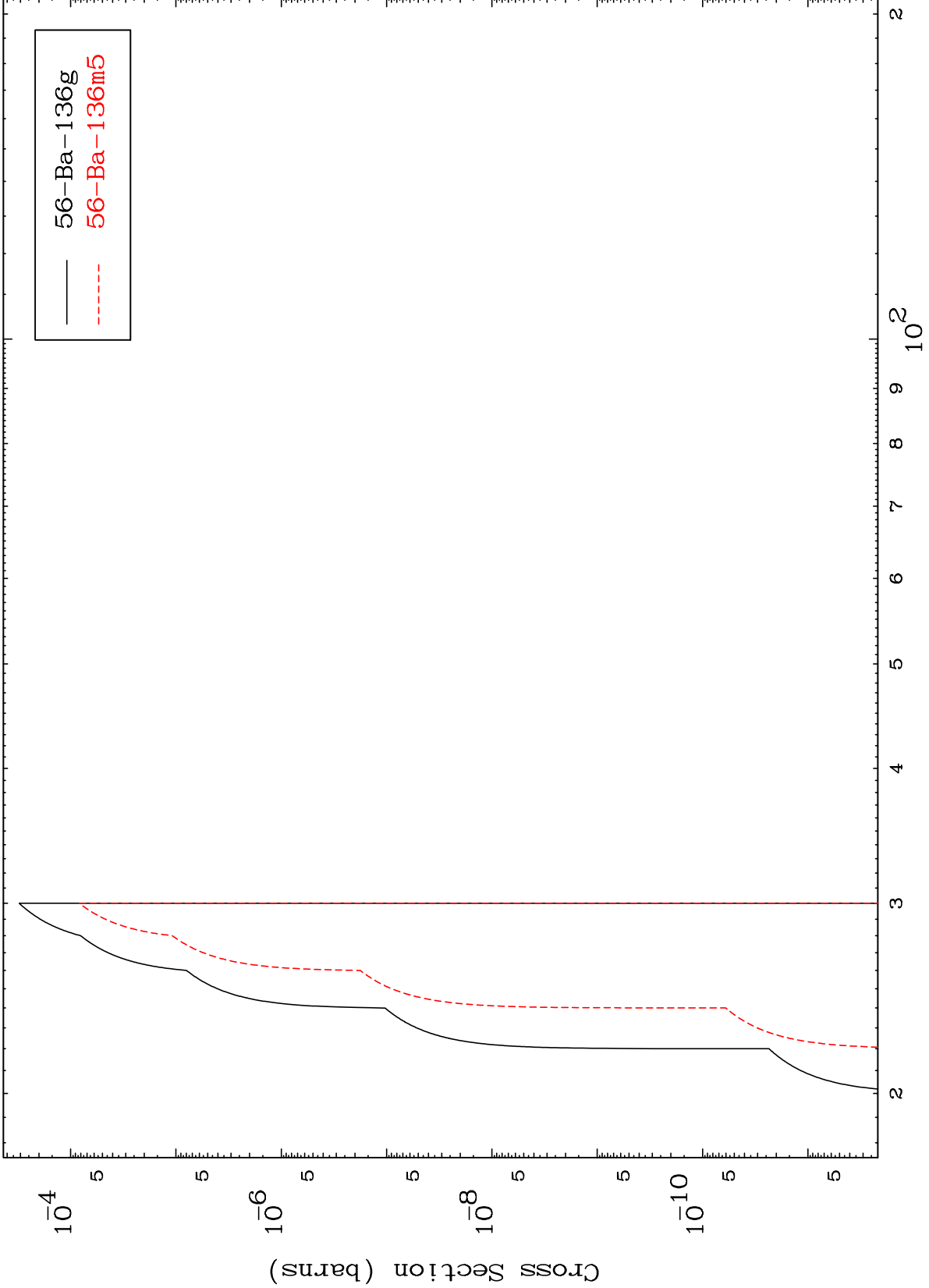
55-Cs-136m

MAT 5535

(n,n') t

55-Cs-136m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

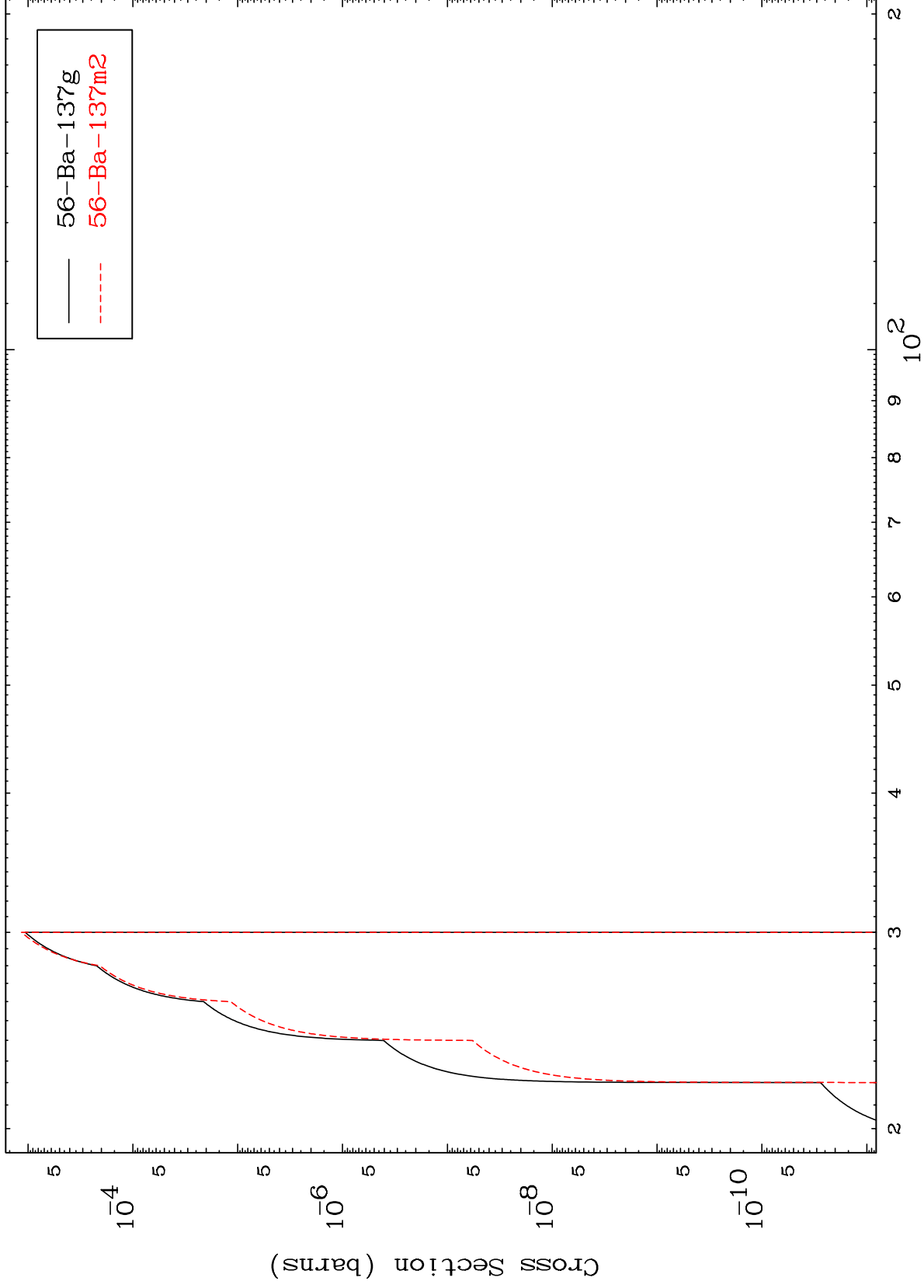
55-Cs-136m

MAT 5535

(n,2n) p

55-Cs-136m

Radionuclide Production Cross Section



16

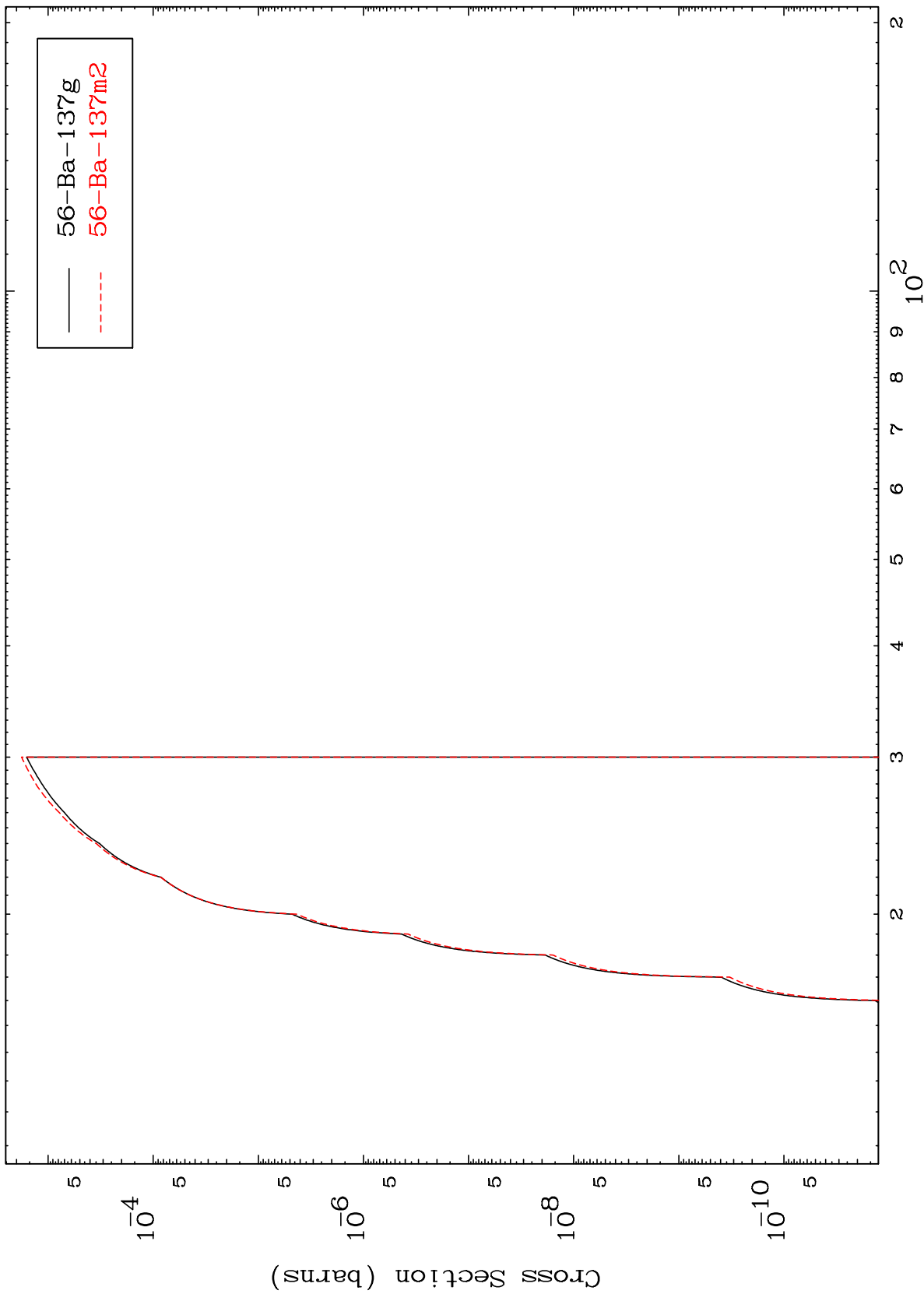
Incident Energy (MeV)

55-Cs-136m

MAT 5535

55-Cs-136m

(n,t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

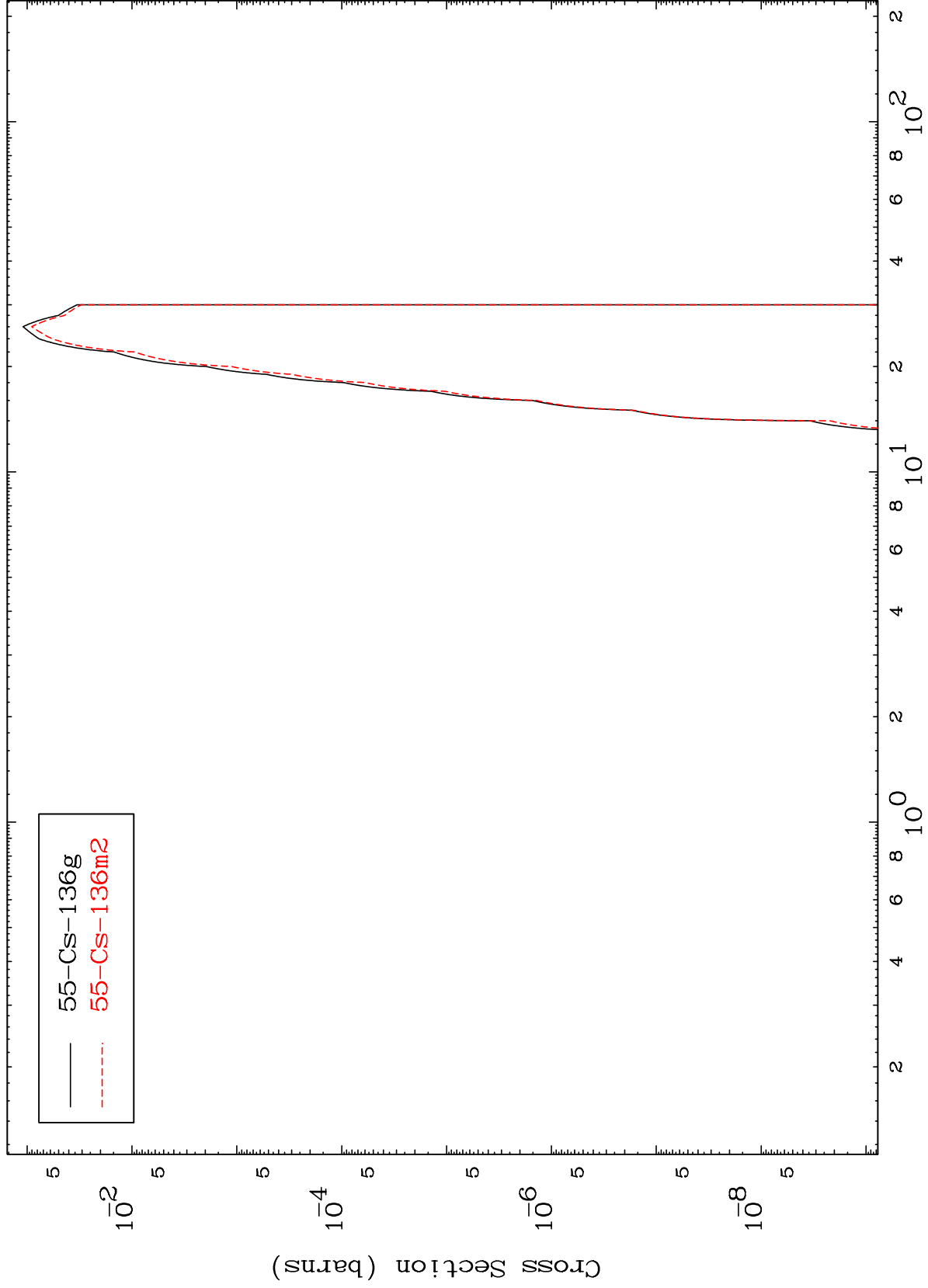
55-Cs-136m

MAT 5535

(n, α)

55-Cs-136m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

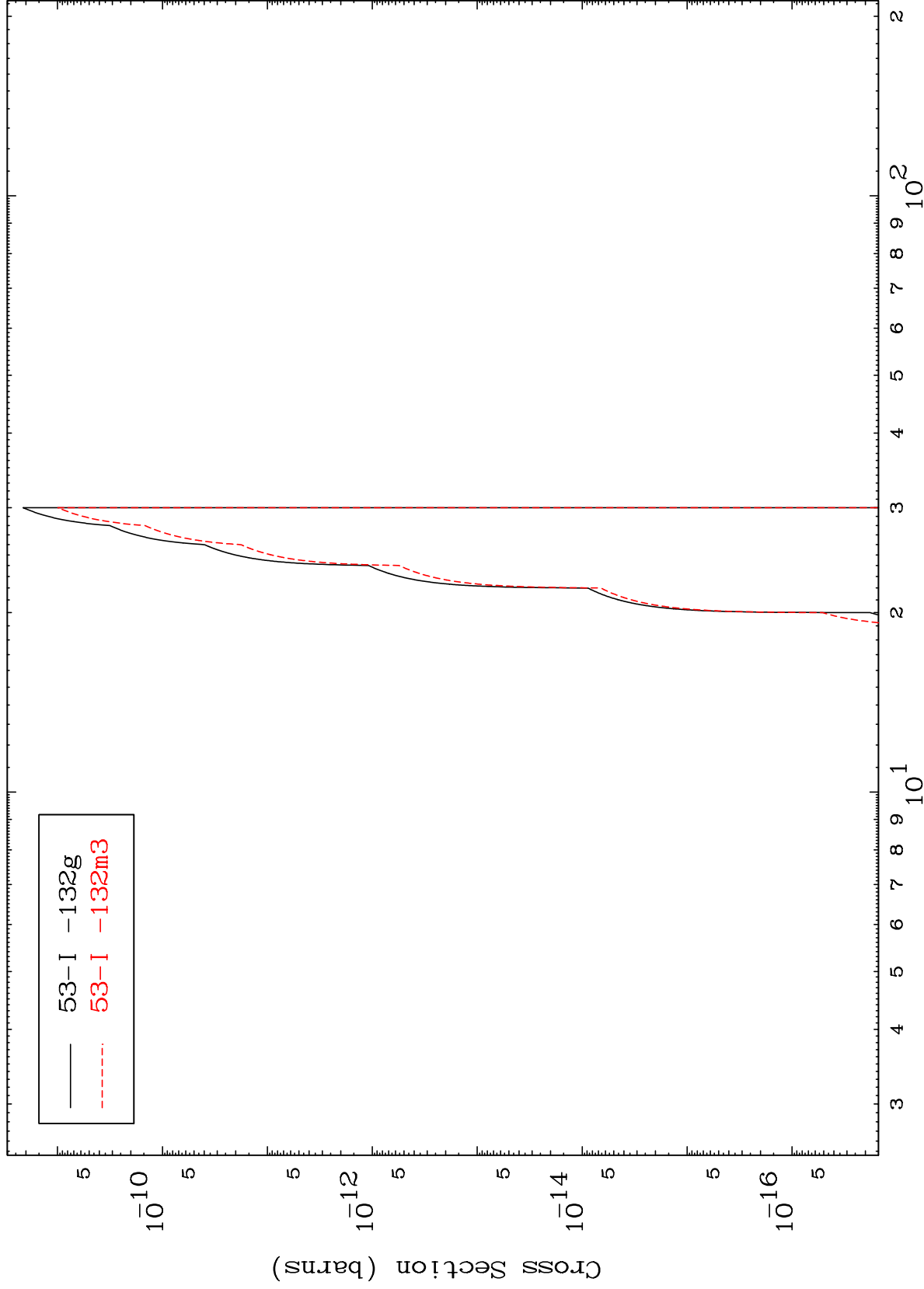
55-Cs-136m

MAT 5535

(n,2α)

55-Cs-136m

Radionuclide Production Cross Section



19

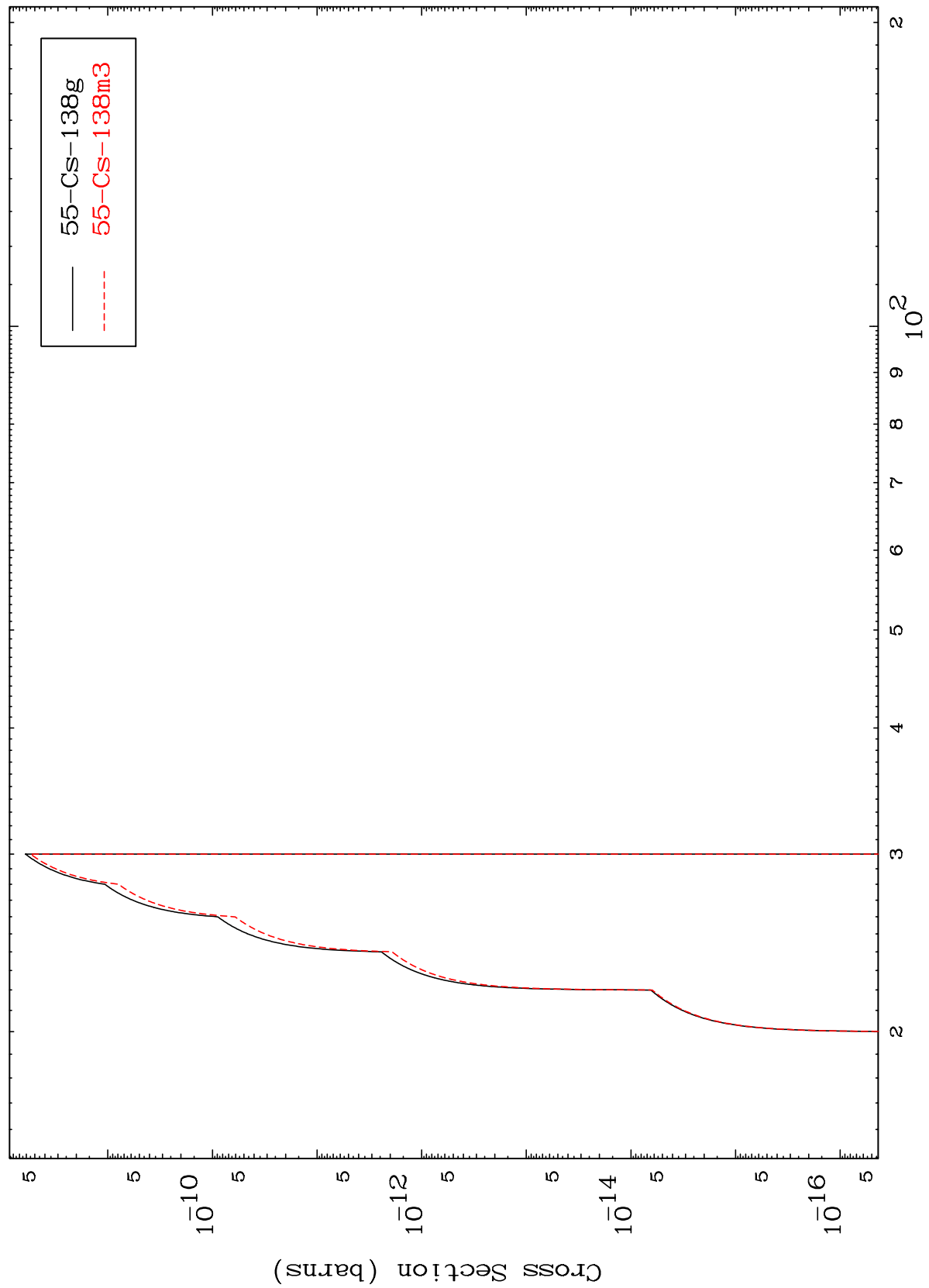
Incident Energy (MeV)

55-Cs-136m

MAT 5535

55-Cs-136m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-136m

MAT 5535

(n,p) α

55-Cs-136m

Radionuclide Production Cross Section

