

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

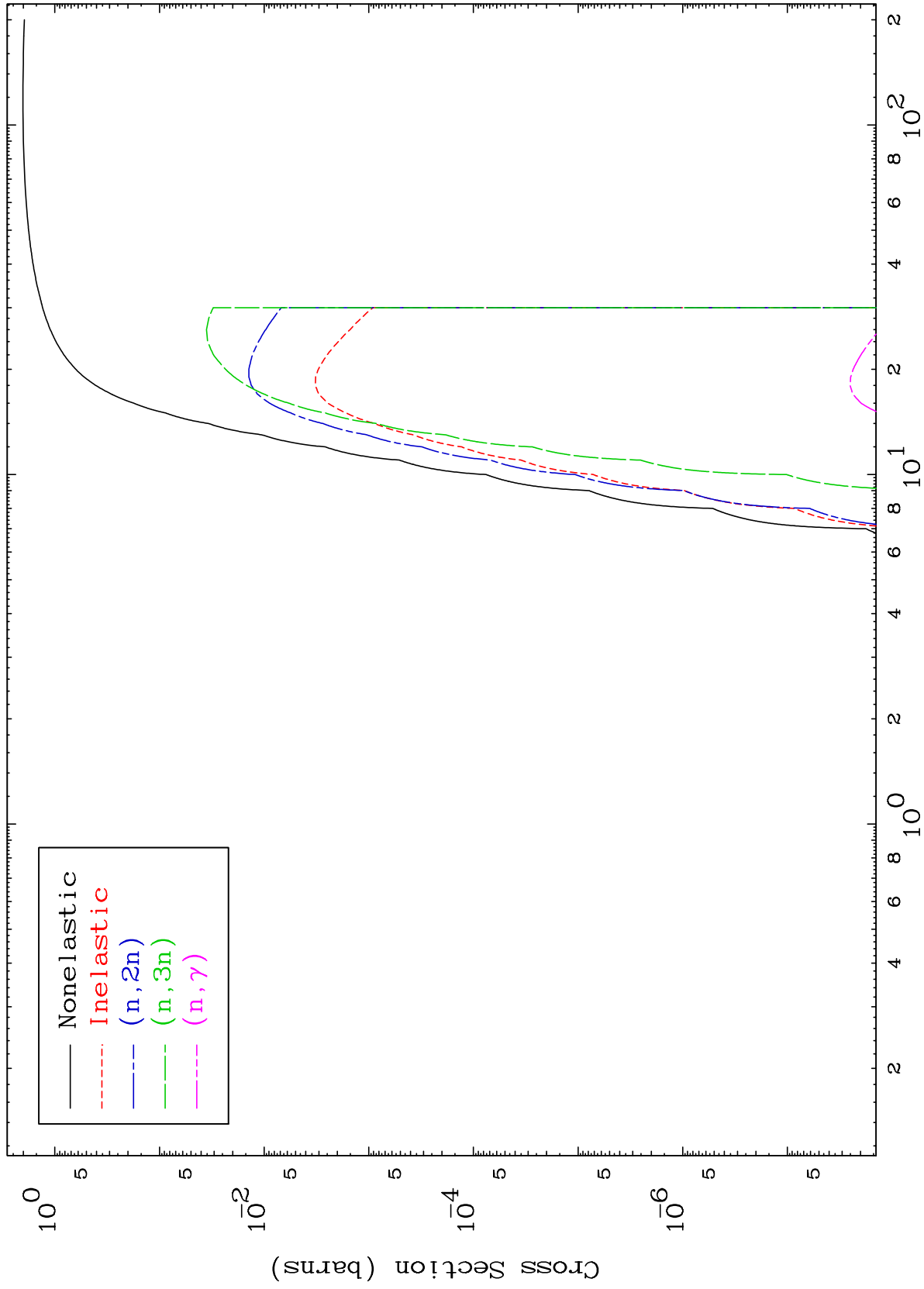
Press Mouse Button to Start

MAT 5455

He-3 Major

0 Kelvin Cross Sections

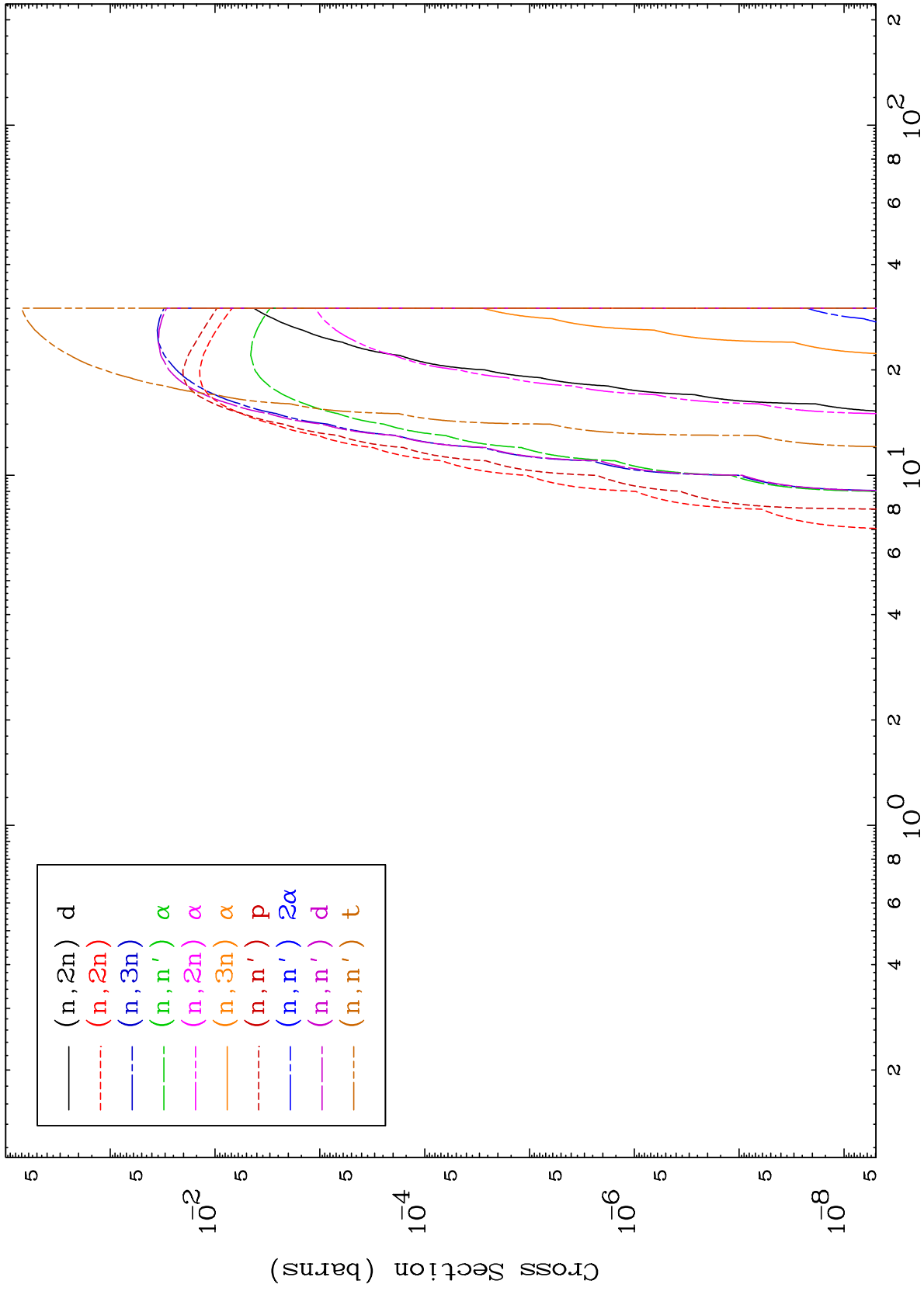
54-Xe-134



MAT 5455

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-134



2

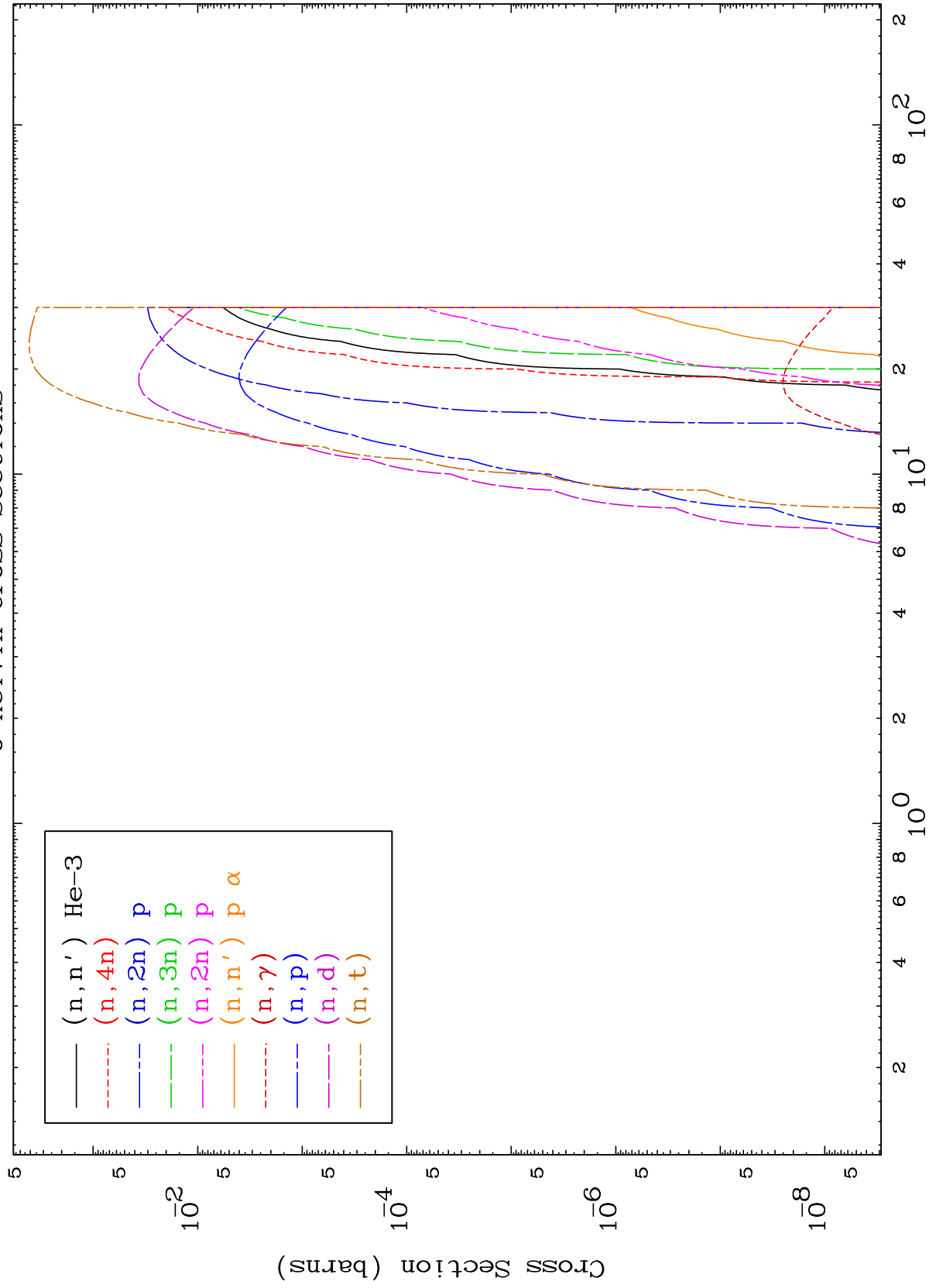
Incident Energy (MeV)

54-Xe-134

MAT 5455

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-134



3

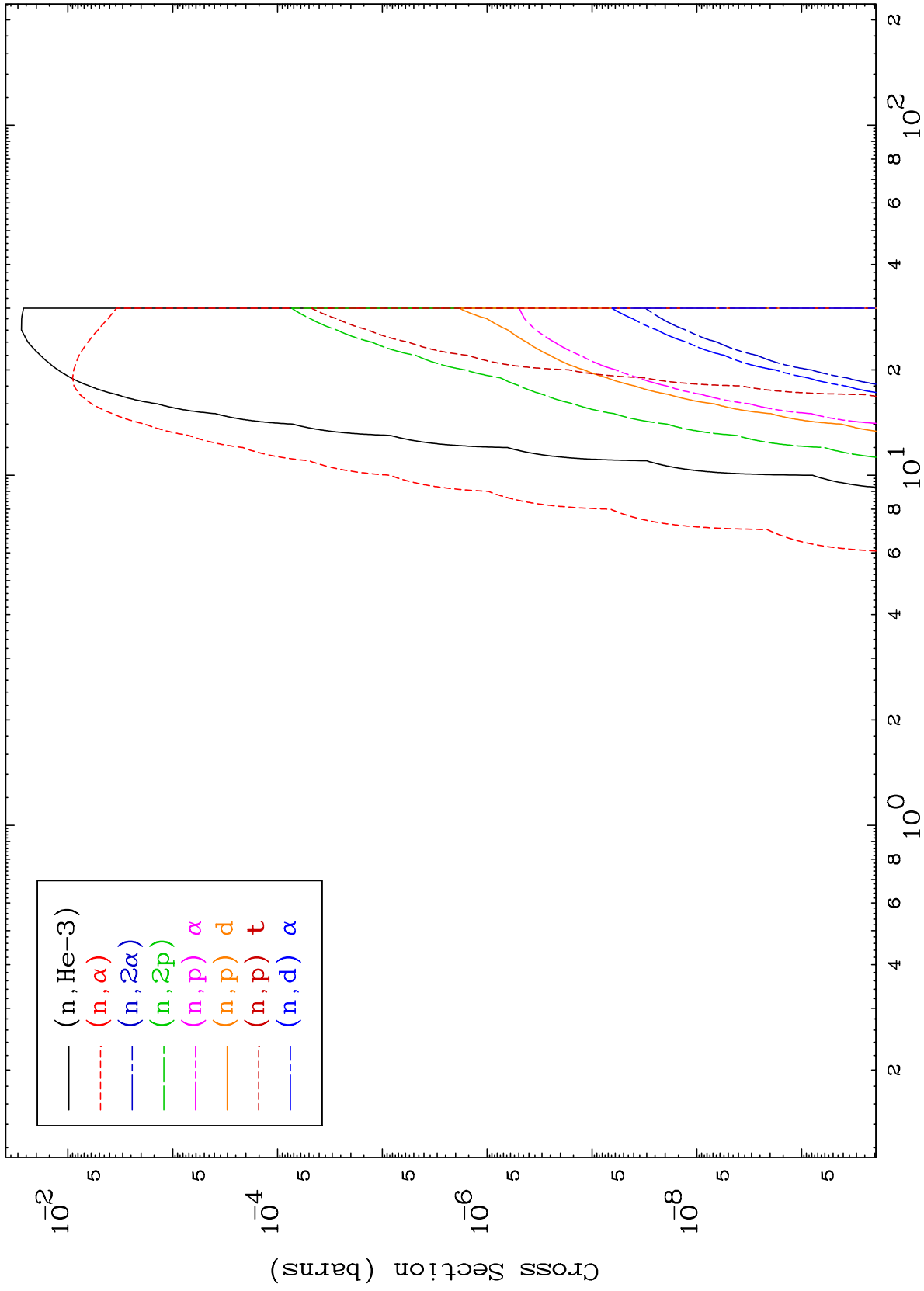
Incident Energy (MeV)

54-Xe-134

MAT 5455

He-3 Neutron Absorption
0 Kelvin Cross Sections

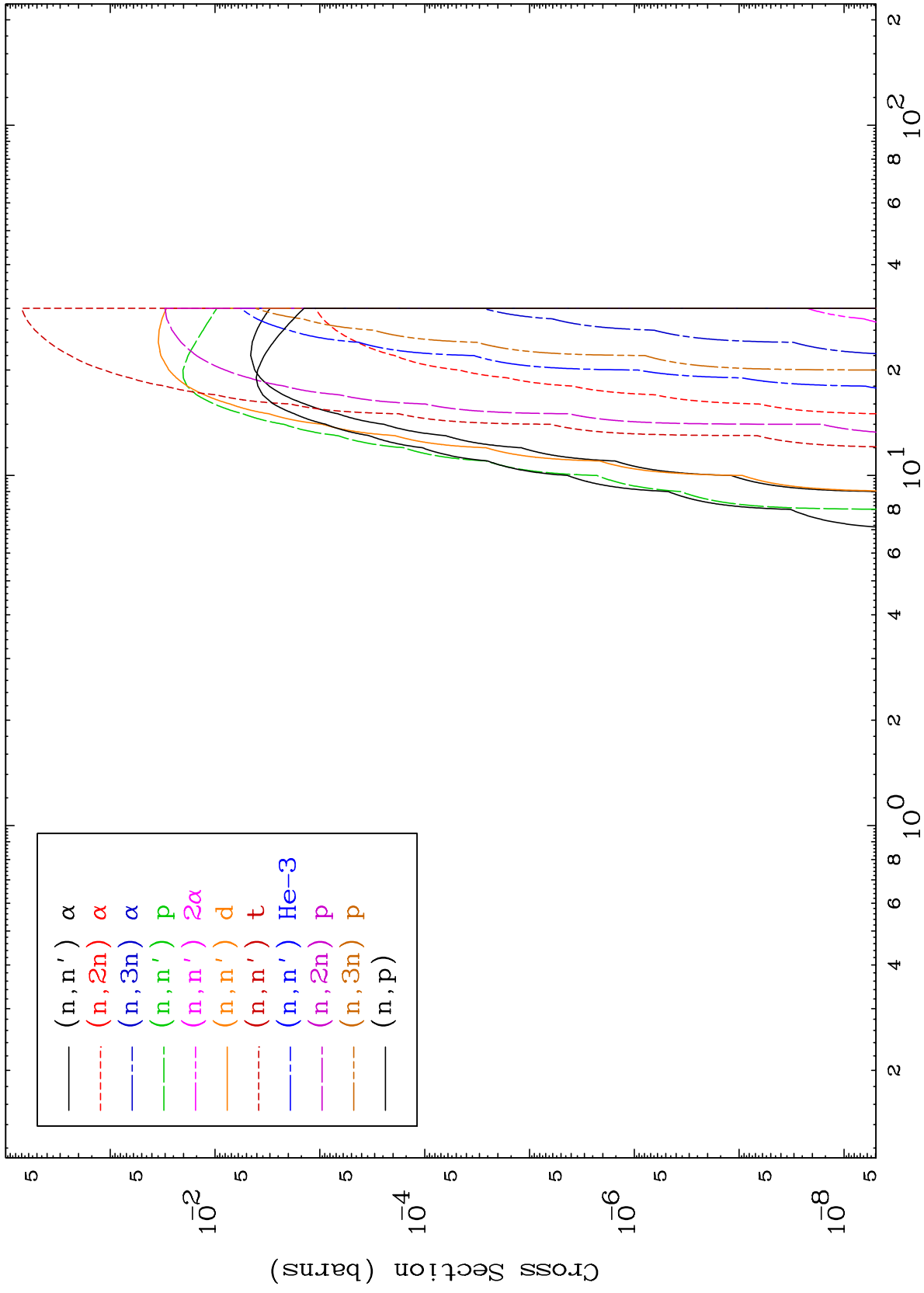
54-Xe-134



MAT 5455

He-3 Charged Particle
0 Kelvin Cross Sections

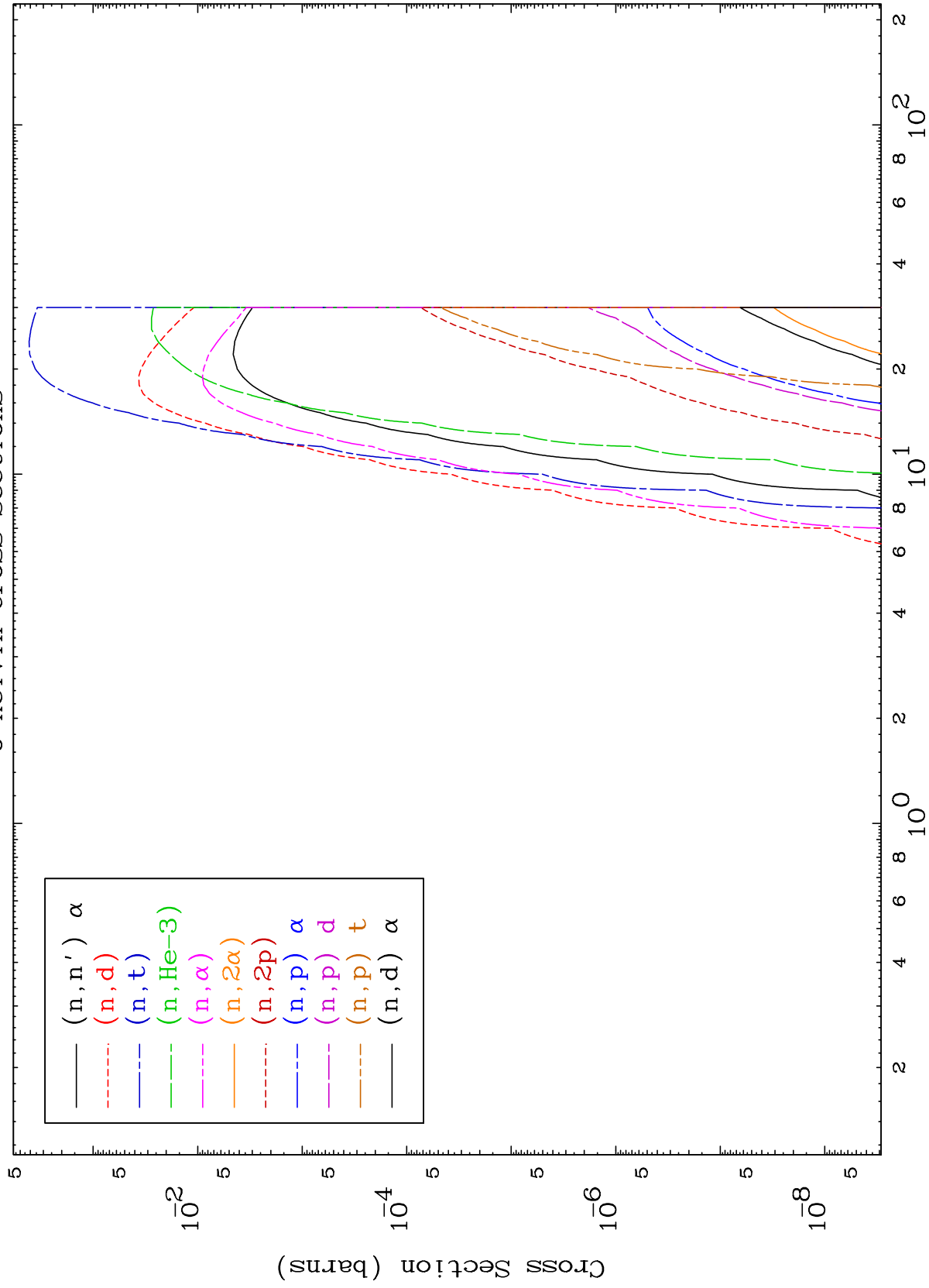
54-Xe-134



MAT 5455

He-3 Charged Particle
0 Kelvin Cross Sections

54-Xe-134



6

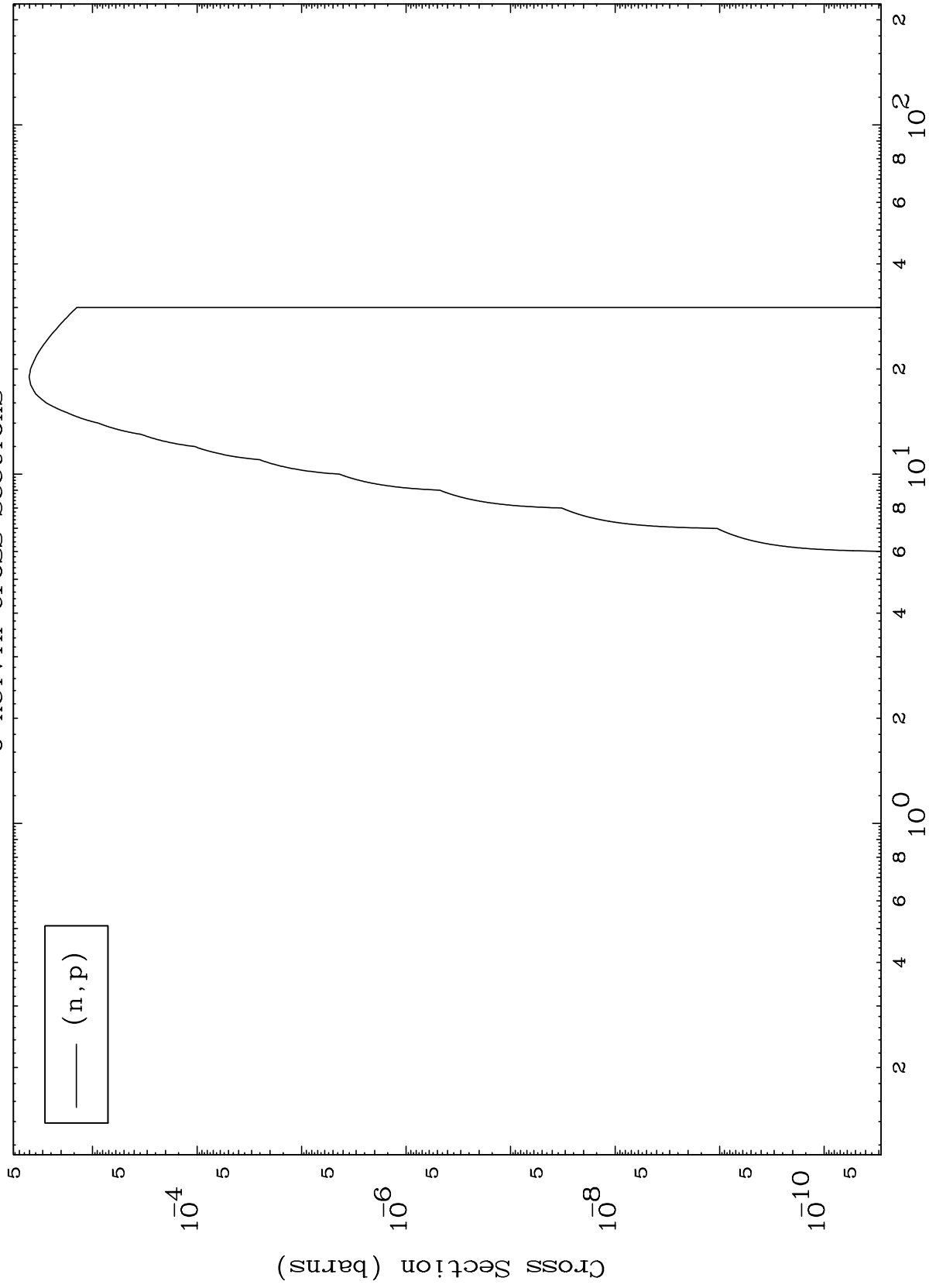
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

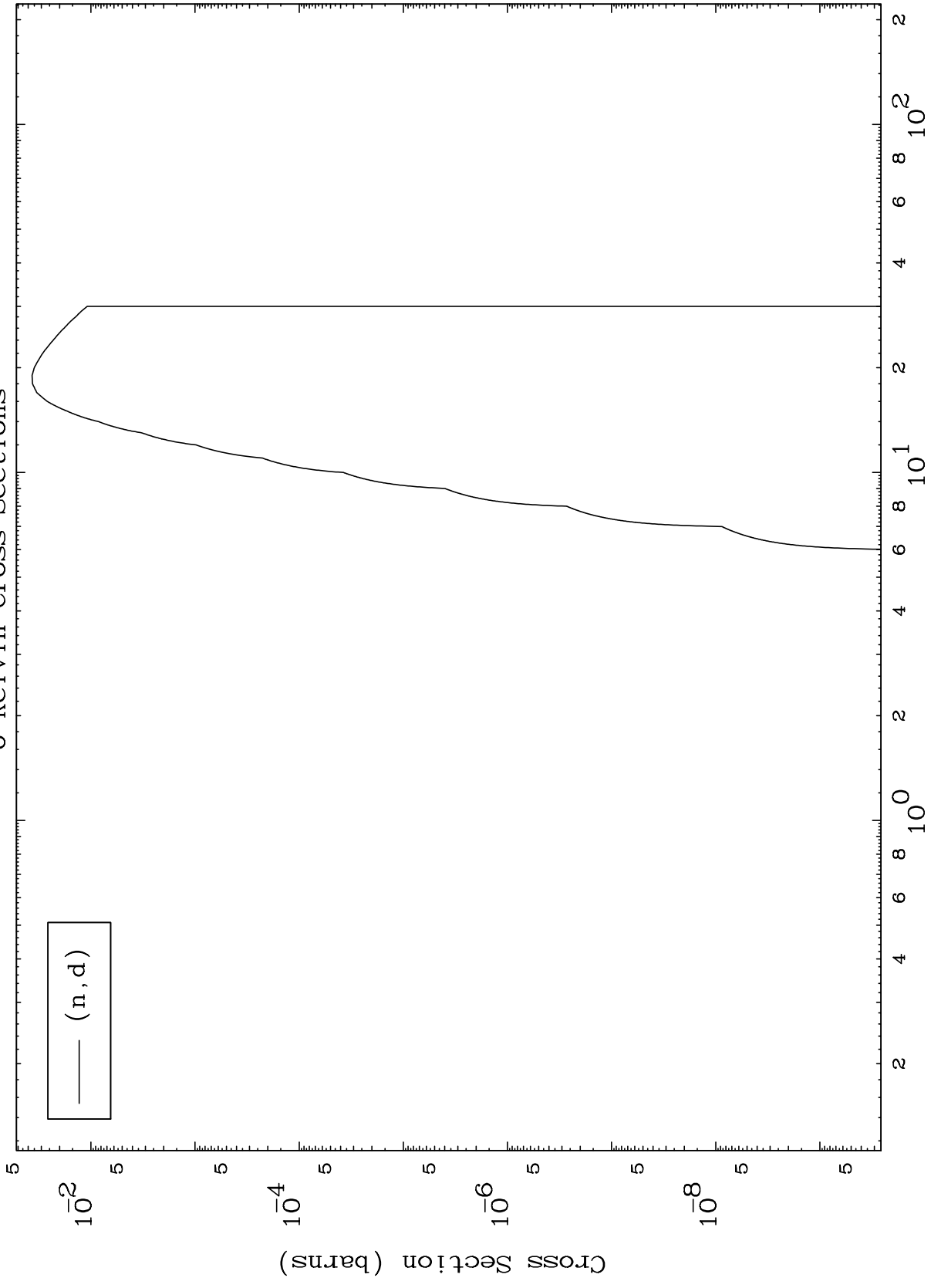
54-Xe-134



MAT 5455

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

54-Xe-134



8

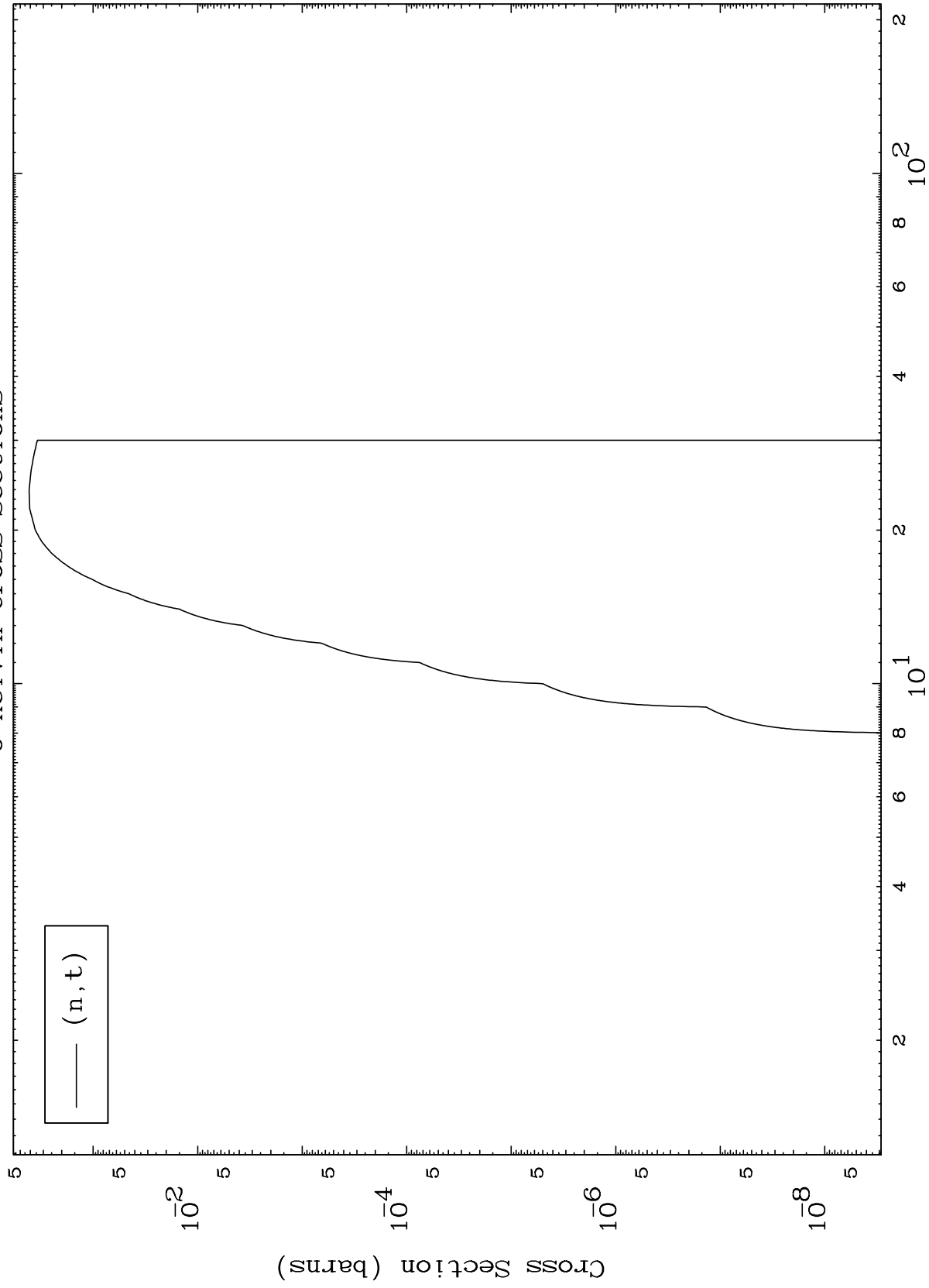
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



9

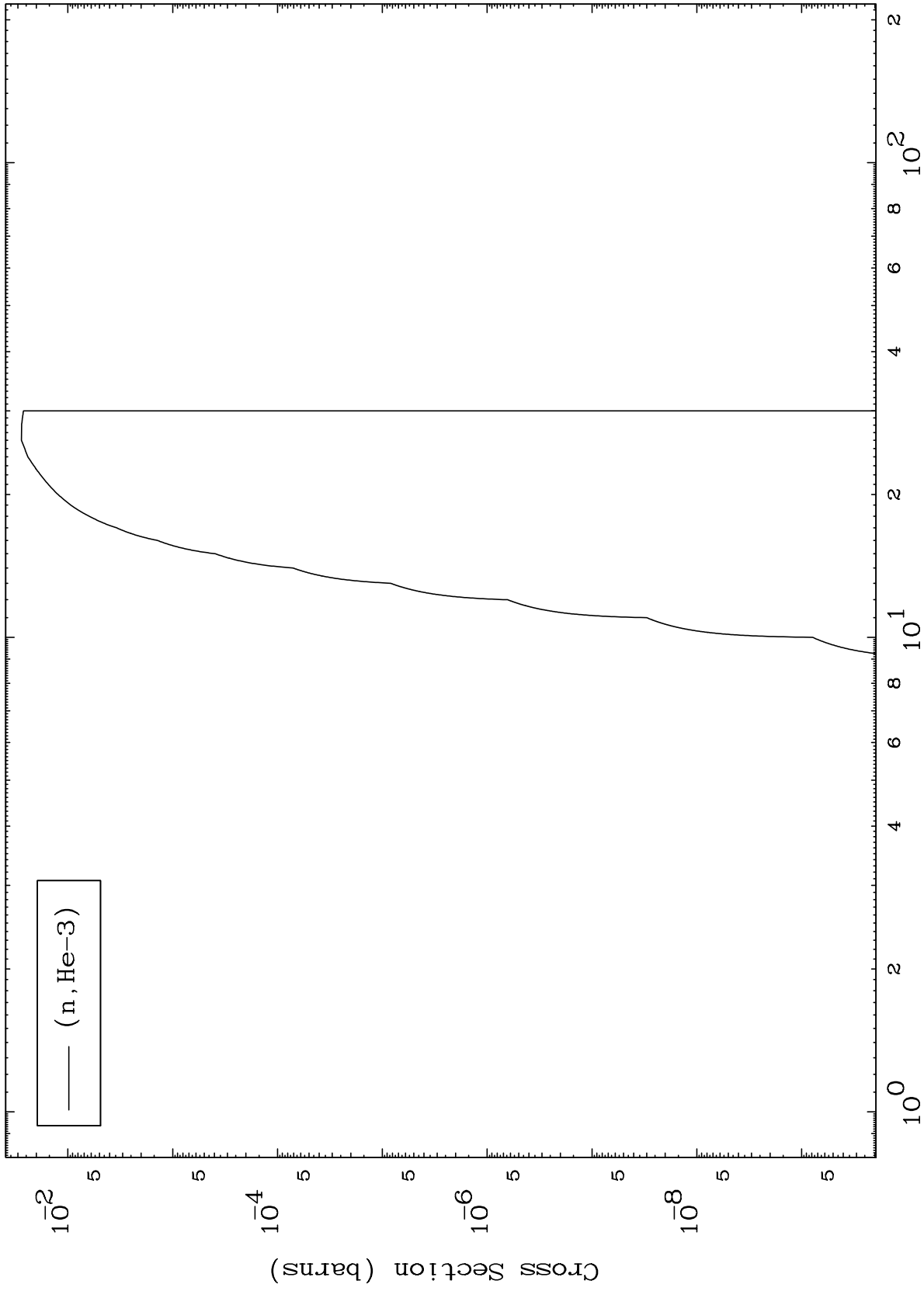
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



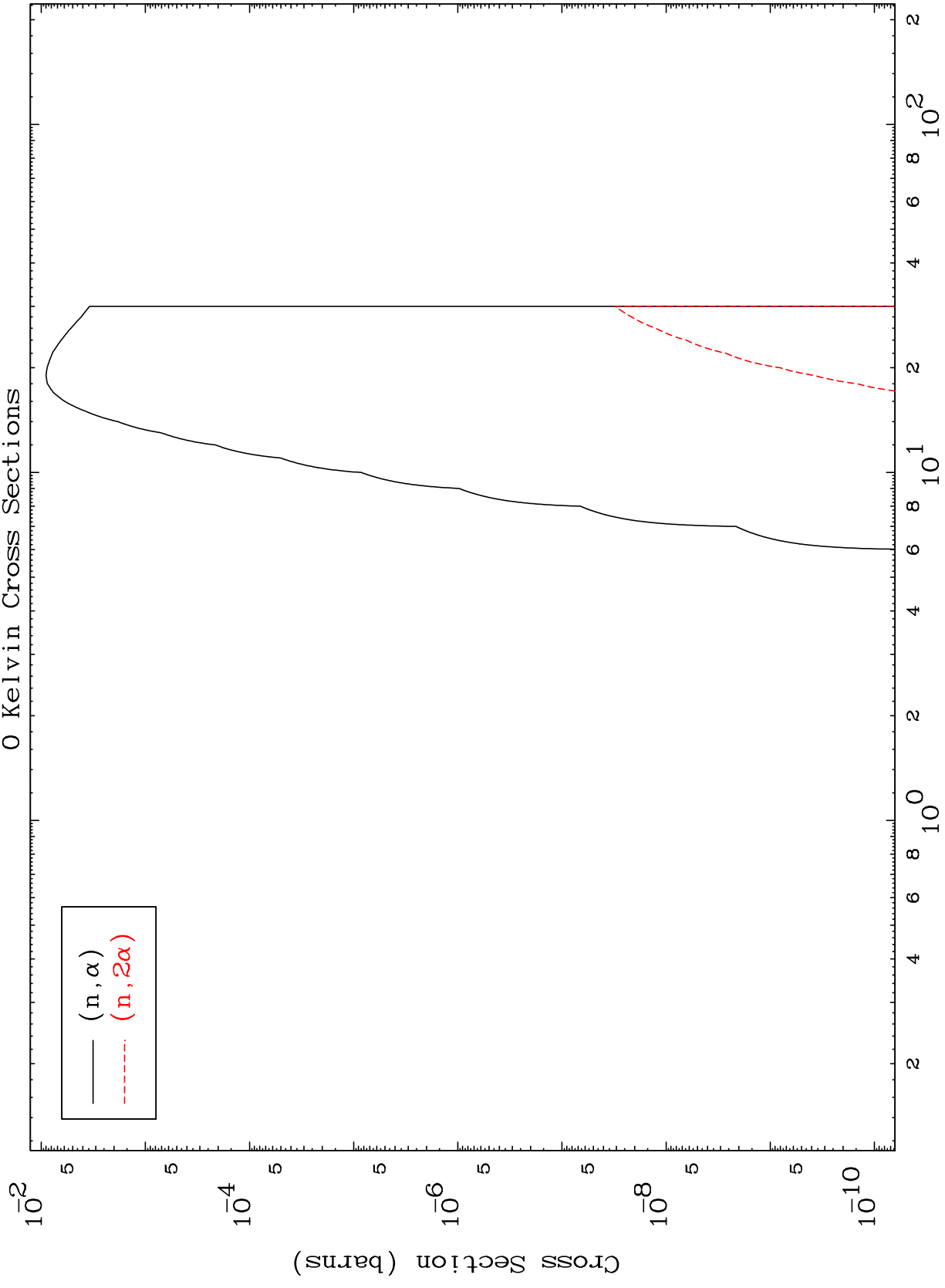
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

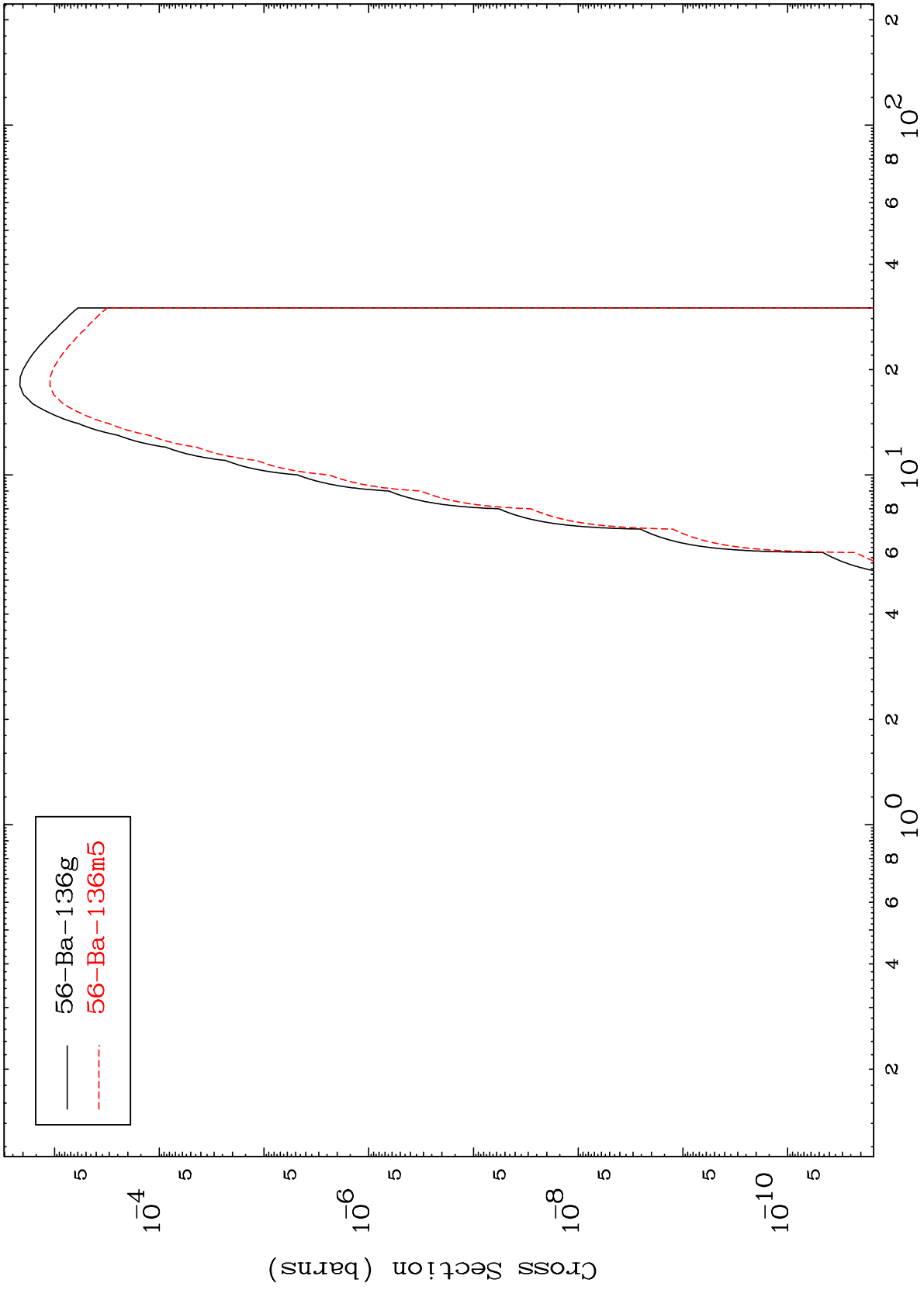
54-Xe-134



MAT 5455

Radionuclide Production Cross Section

54-Xe-134



12

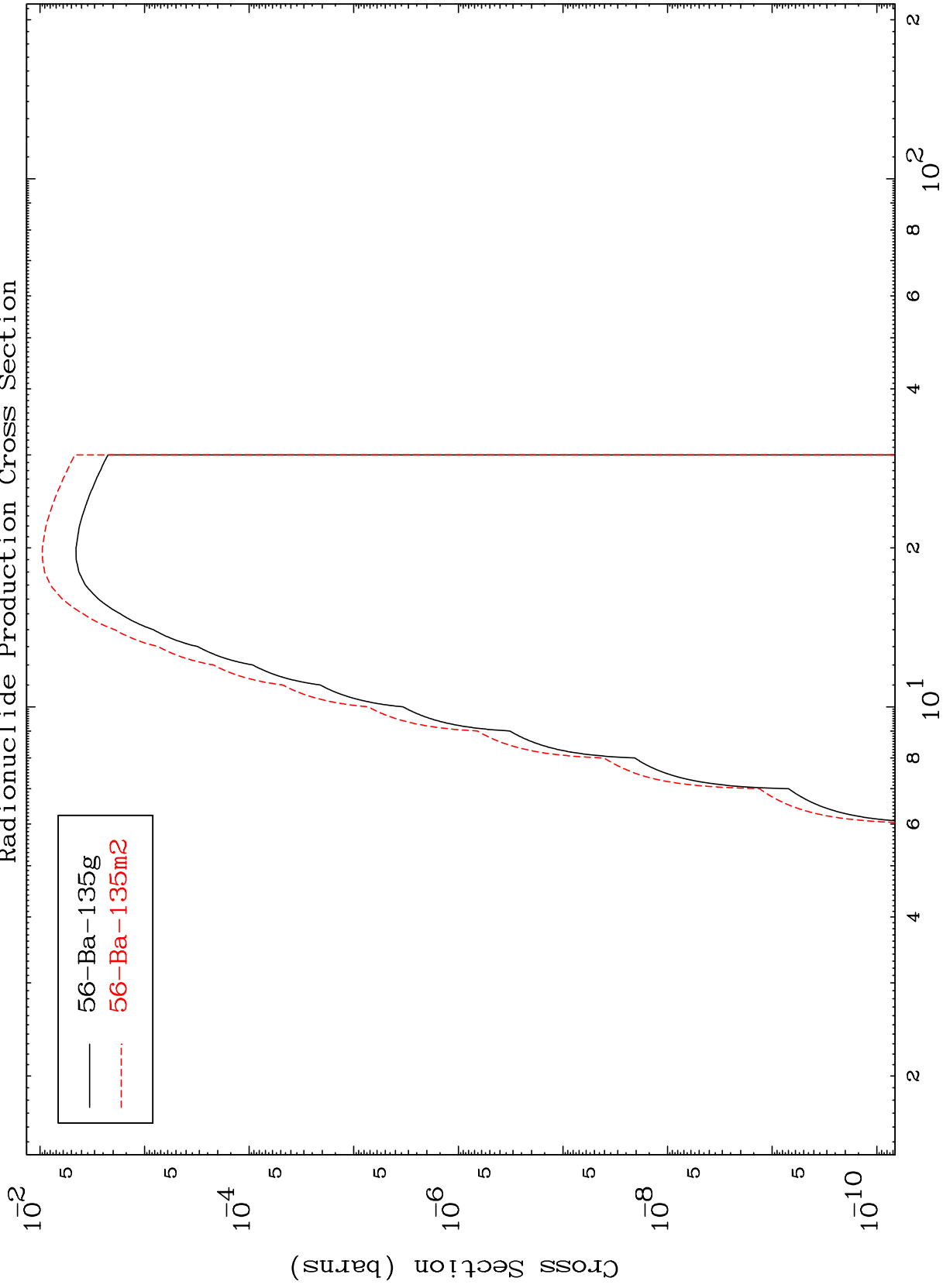
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

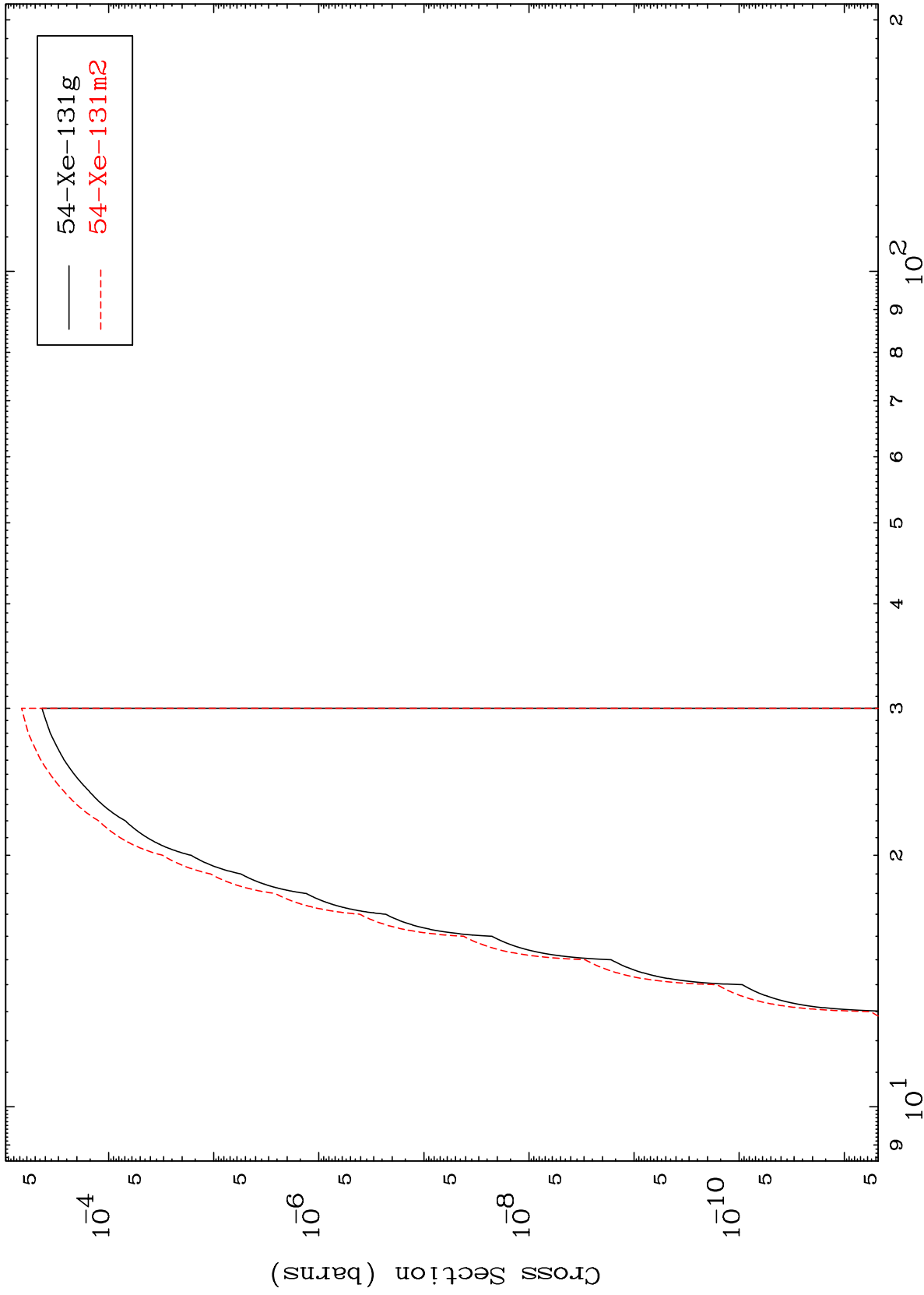
54-Xe-134

MAT 5455

(n,2n) α

54-Xe-134

Radionuclide Production Cross Section



14

Incident Energy (MeV)

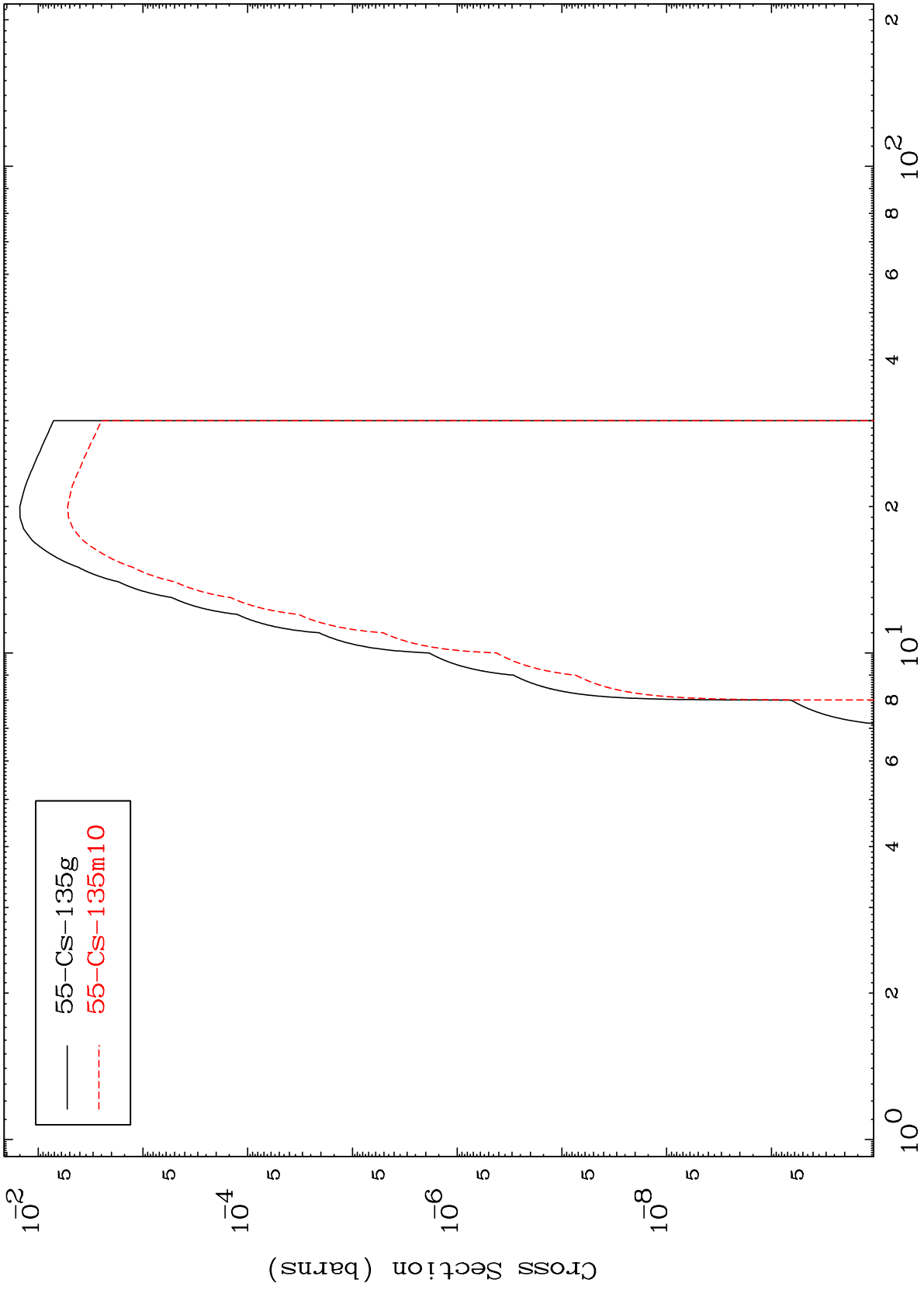
54-Xe-134

MAT 5455

(n,n') p

54-Xe-134

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

Incident Energy (MeV)

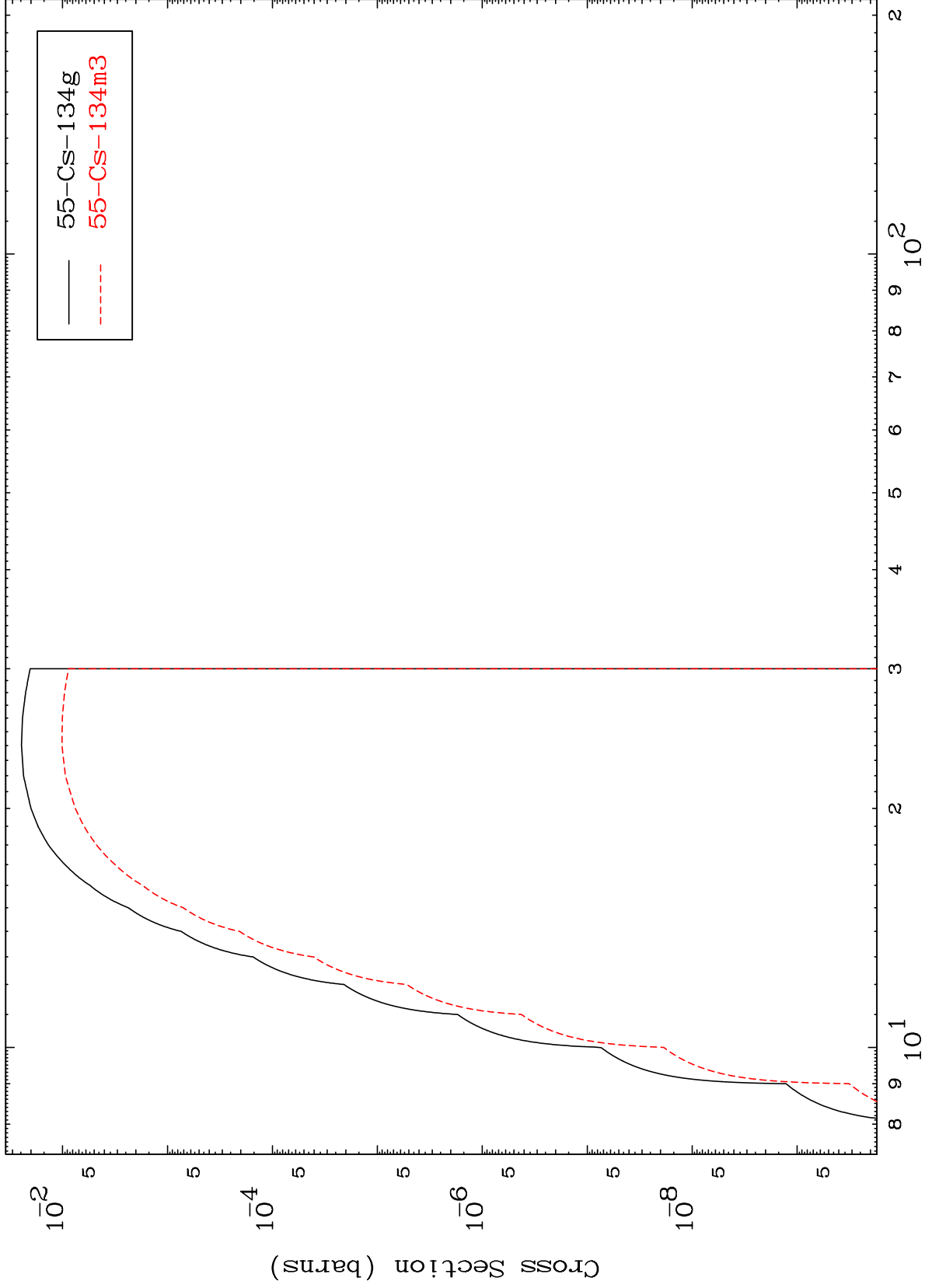
54-Xe-134

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

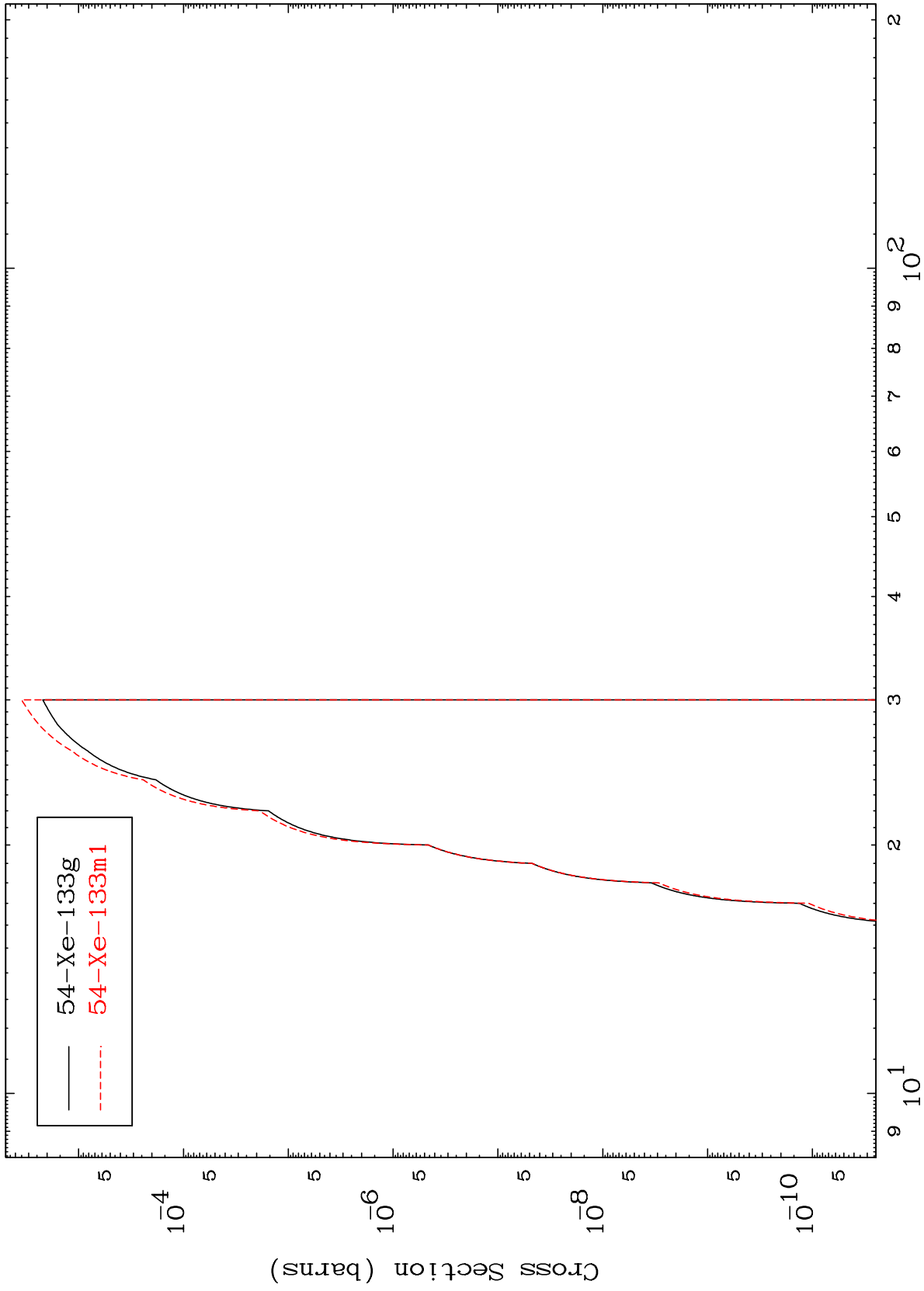
54-Xe-134

MAT 5455

(n, n') He-3

54-Xe-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

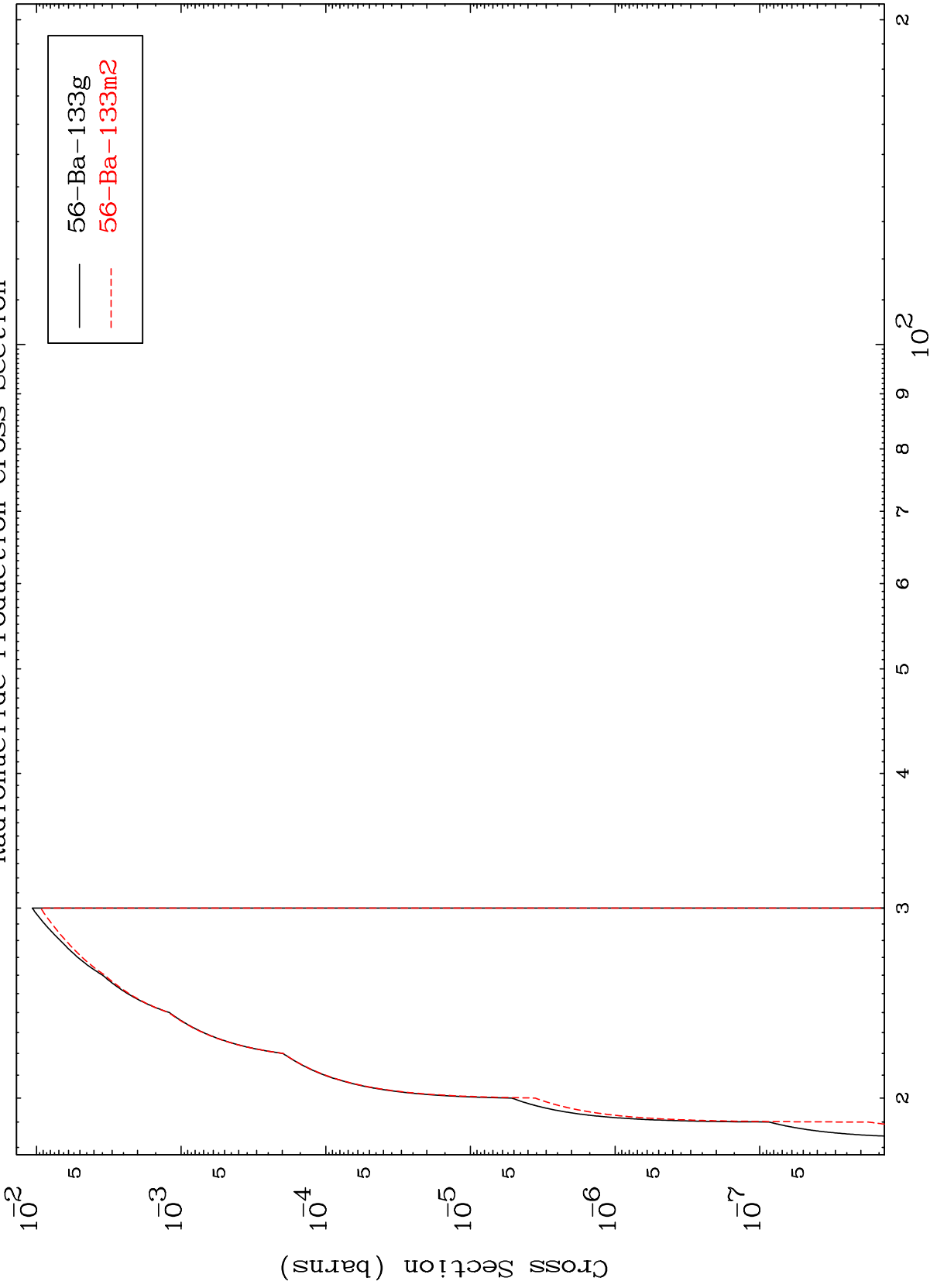
54-Xe-134

MAT 5455

(n,4n)

54-Xe-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

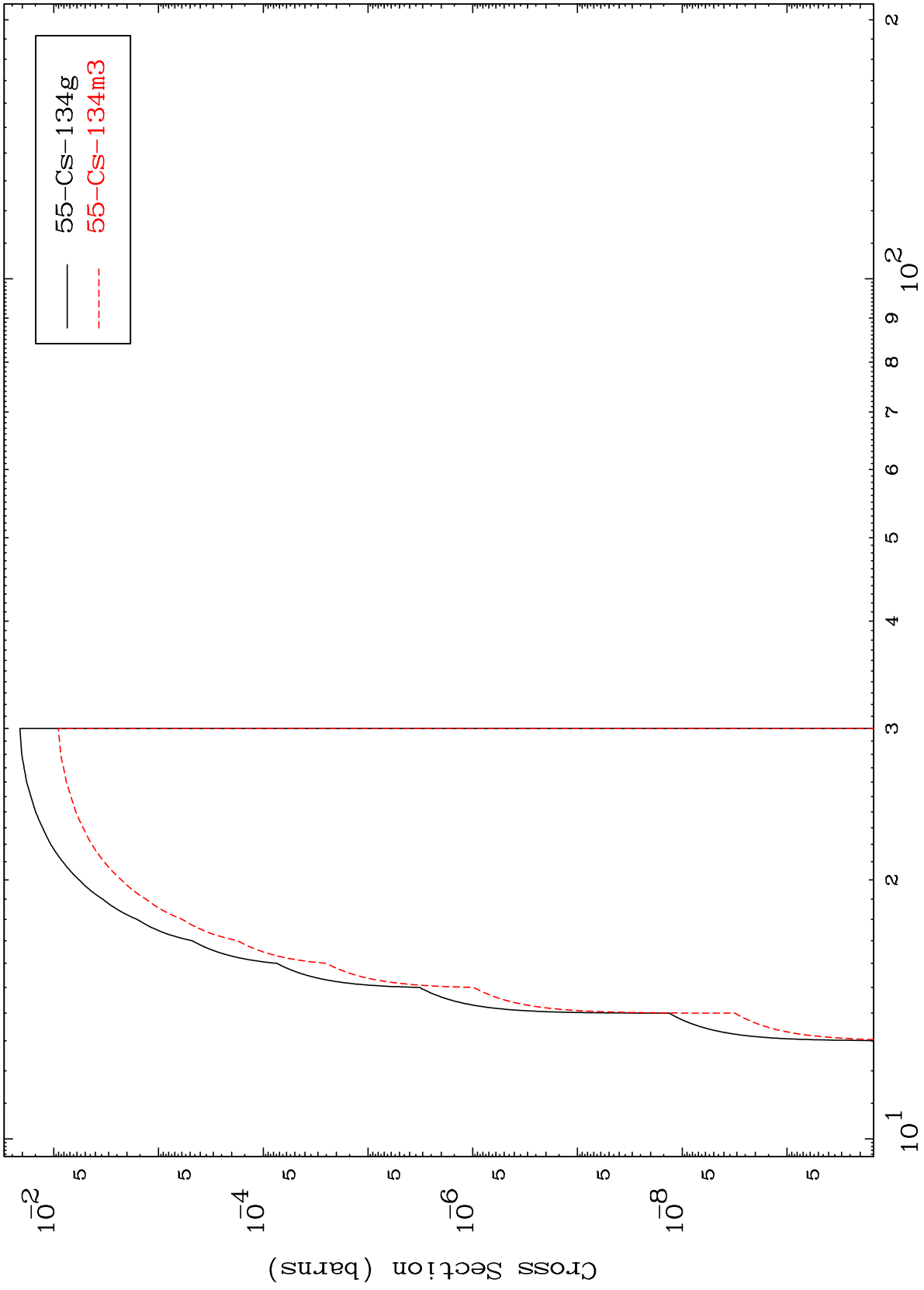
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



Incident Energy (MeV)

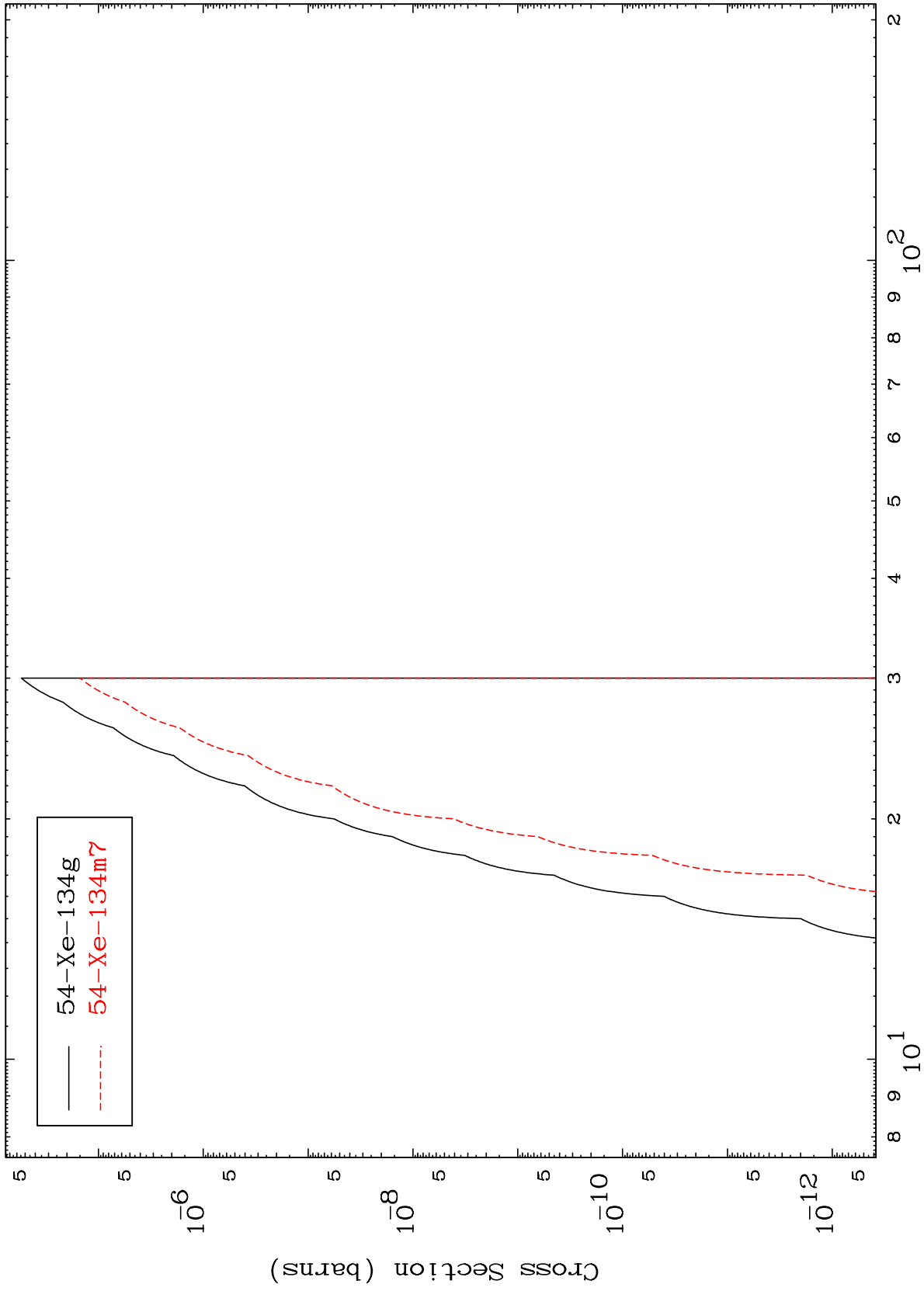
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



20

Incident Energy (MeV)

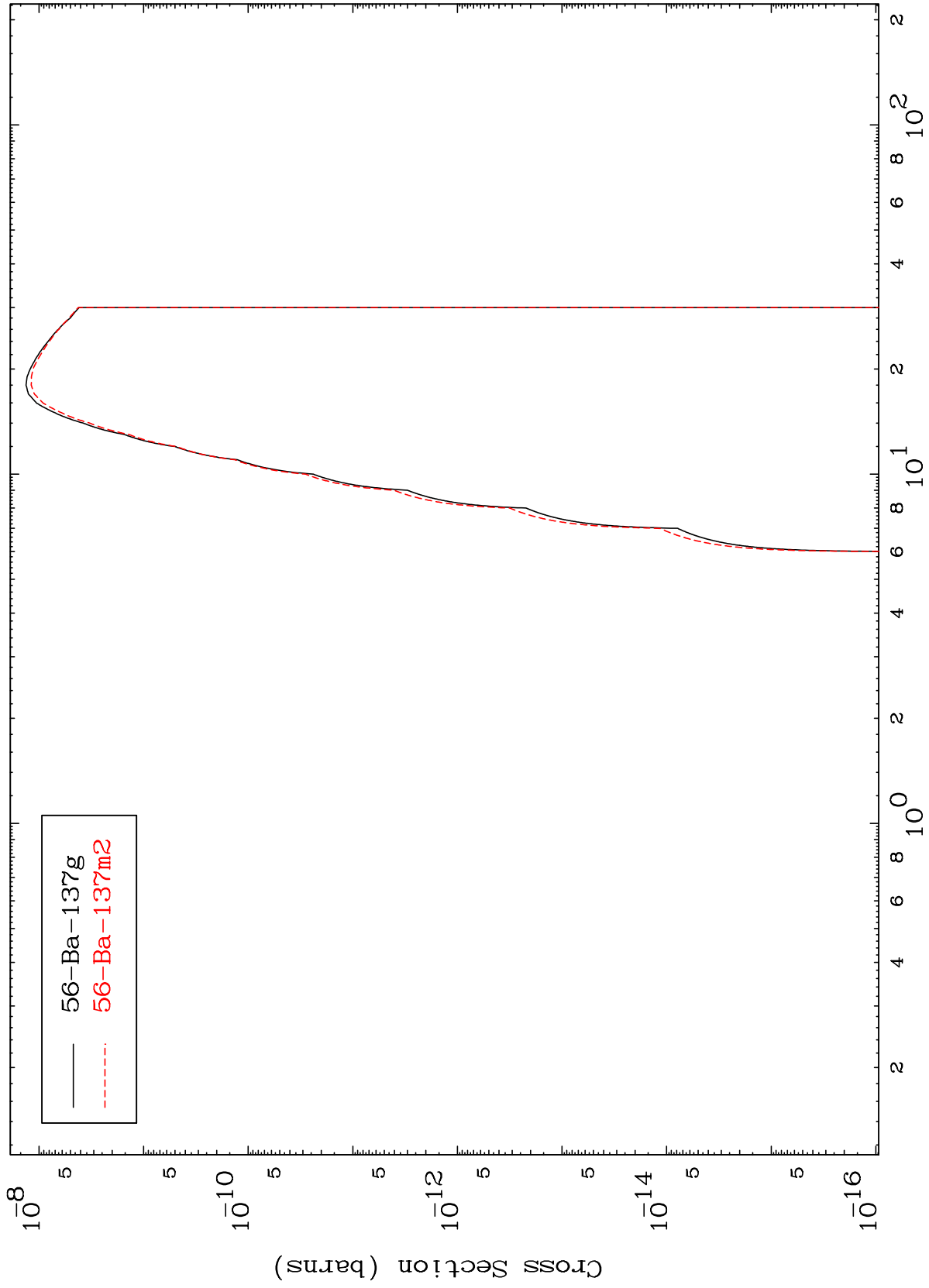
54-Xe-134

MAT 5455

(n,γ)

54-Xe-134

Radionuclide Production Cross Section



21

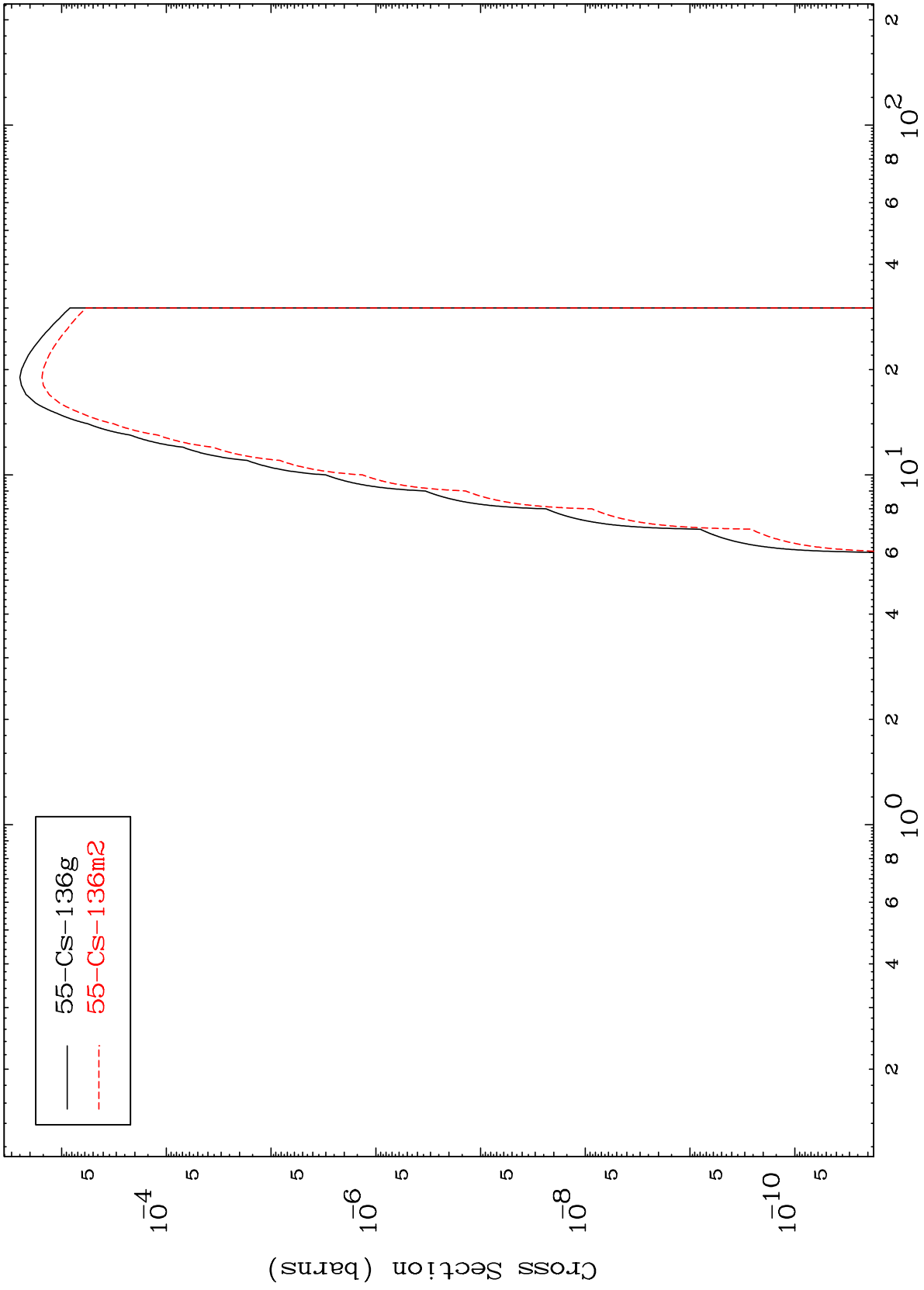
54-Xe-134

MAT 5455

(n,p)

54-Xe-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

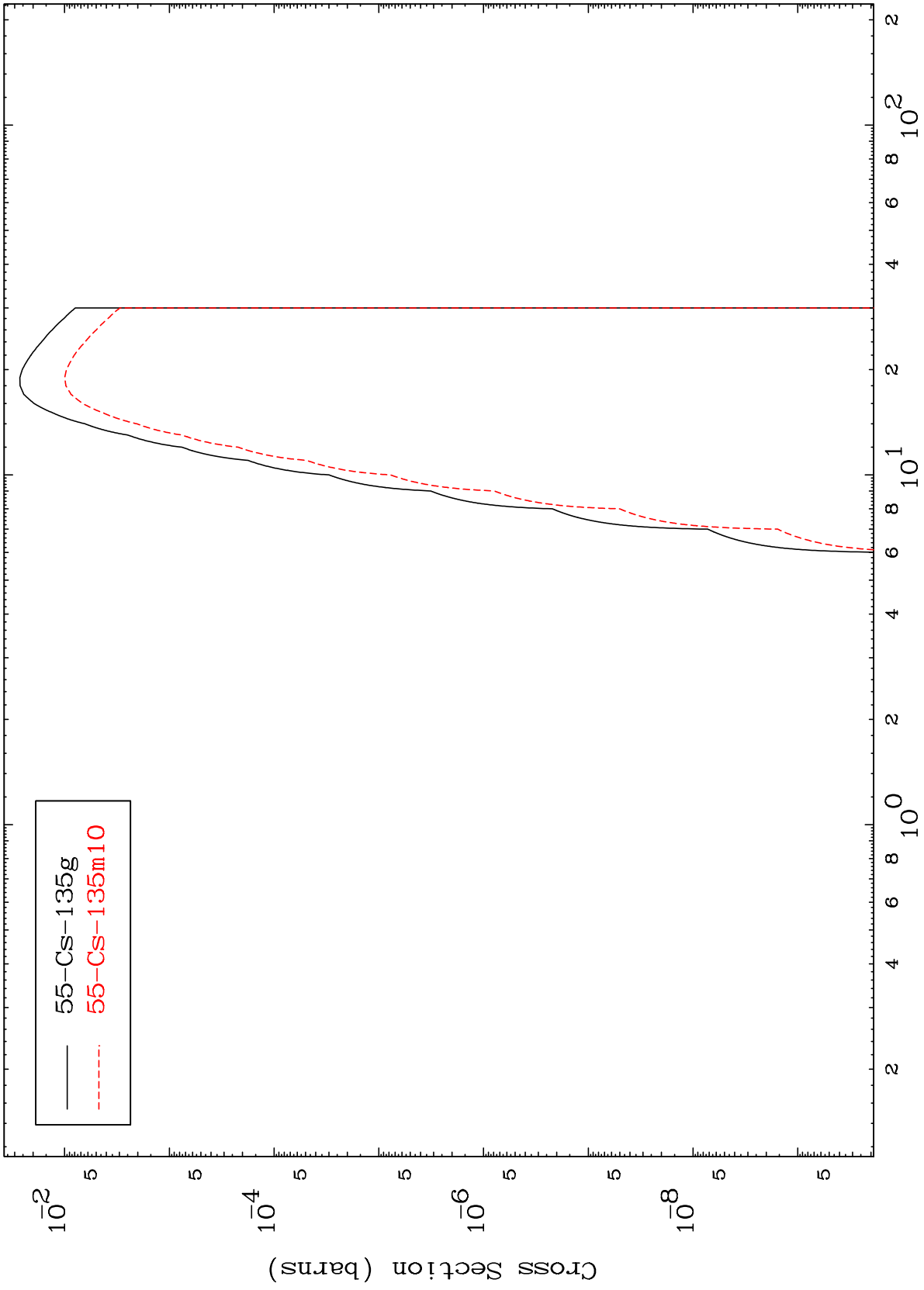
54-Xe-134

MAT 5455

(n,d)

54-Xe-134

Radionuclide Production Cross Section

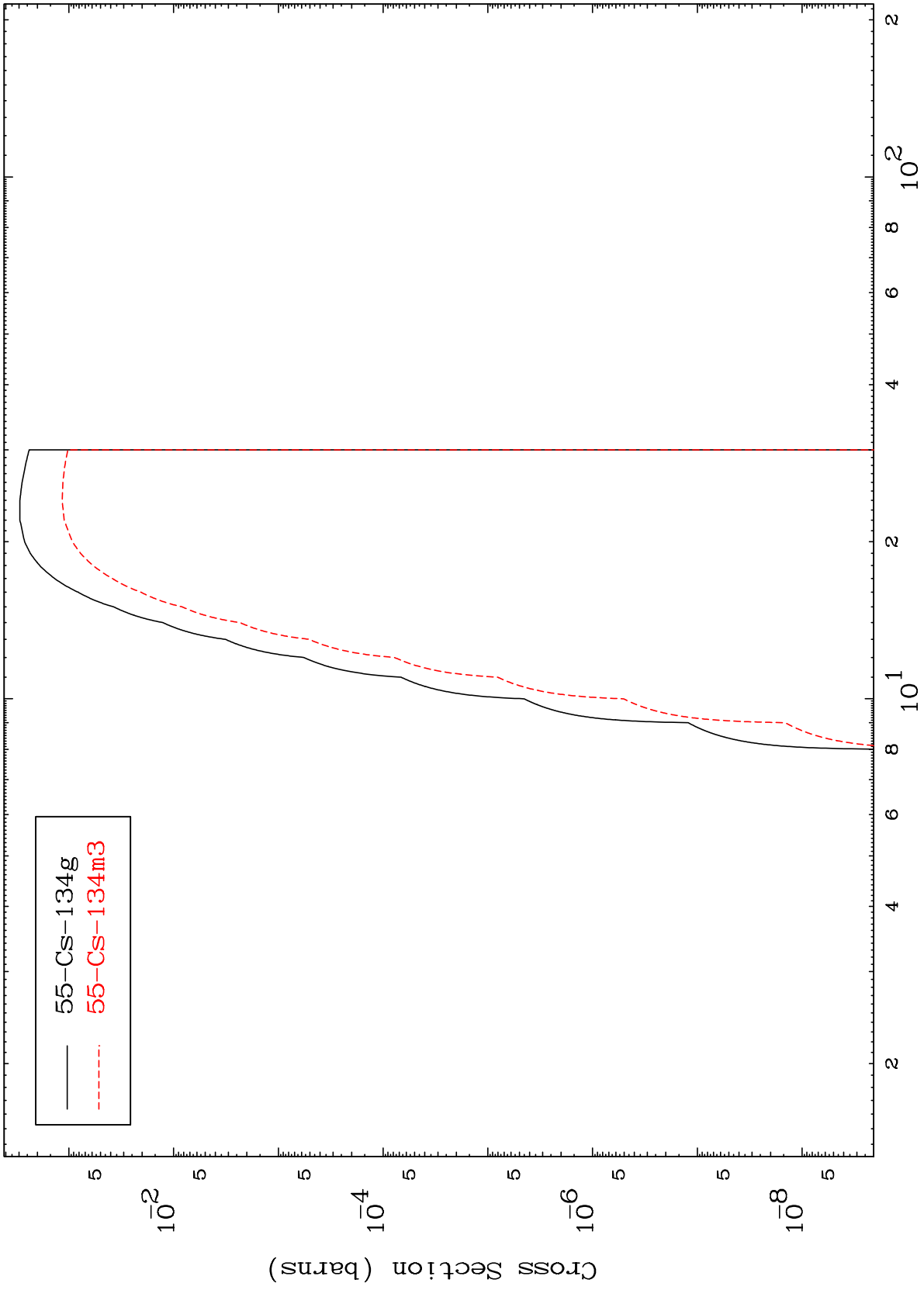


55-Cs-135g
55-Cs-135m10

MAT 5455

(n, t)
Radionuclide Production Cross Section

54-Xe-134



24

Incident Energy (MeV)

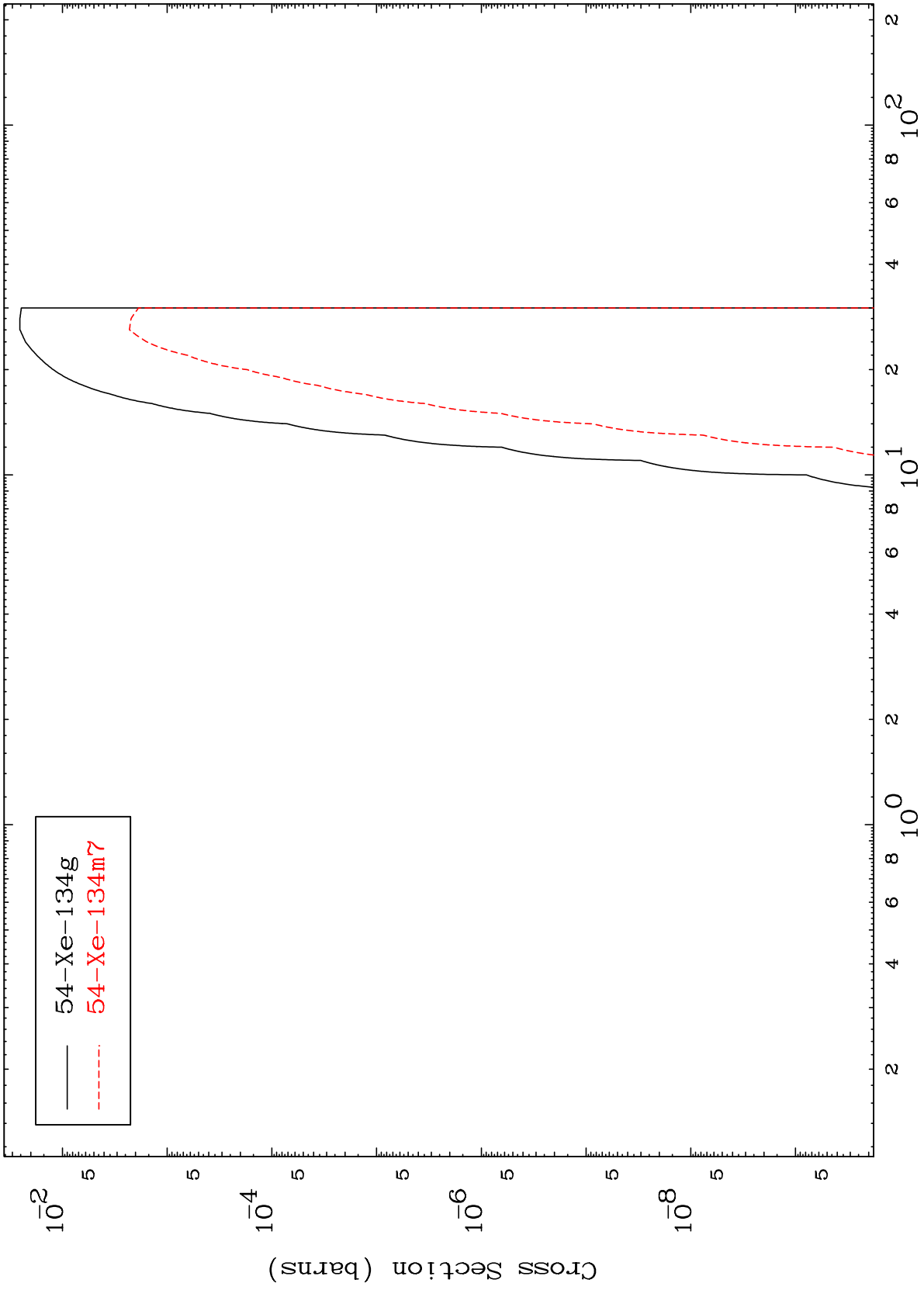
54-Xe-134

MAT 5455

(n, He-3)

54-Xe-134

Radionuclide Production Cross Section



25

Incident Energy (MeV)

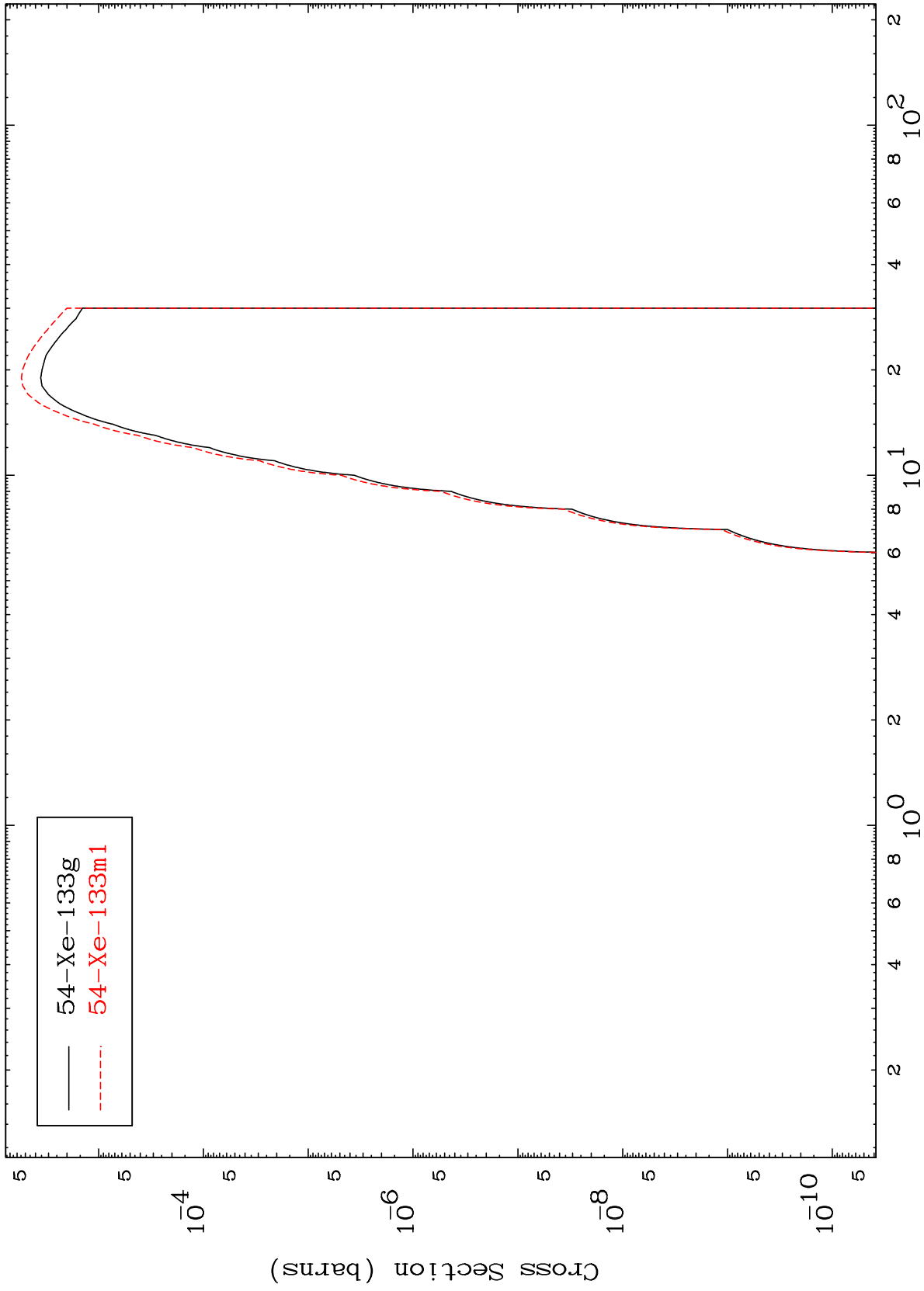
54-Xe-134

MAT 5455

(n, α)

54-Xe-134

Radionuclide Production Cross Section



26

Incident Energy (MeV)

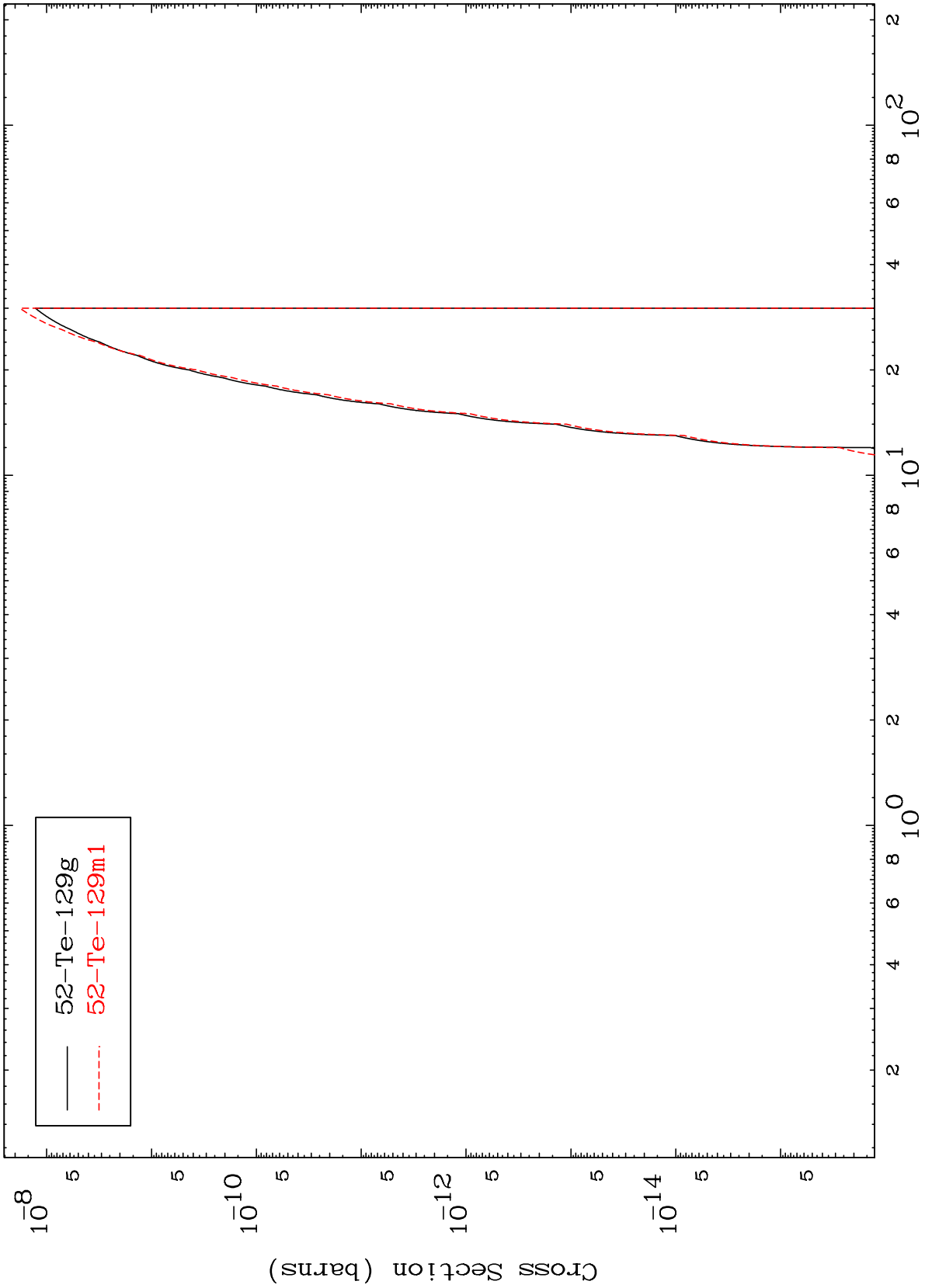
54-Xe-134

MAT 5455

(n,2α)

54-Xe-134

Radionuclide Production Cross Section



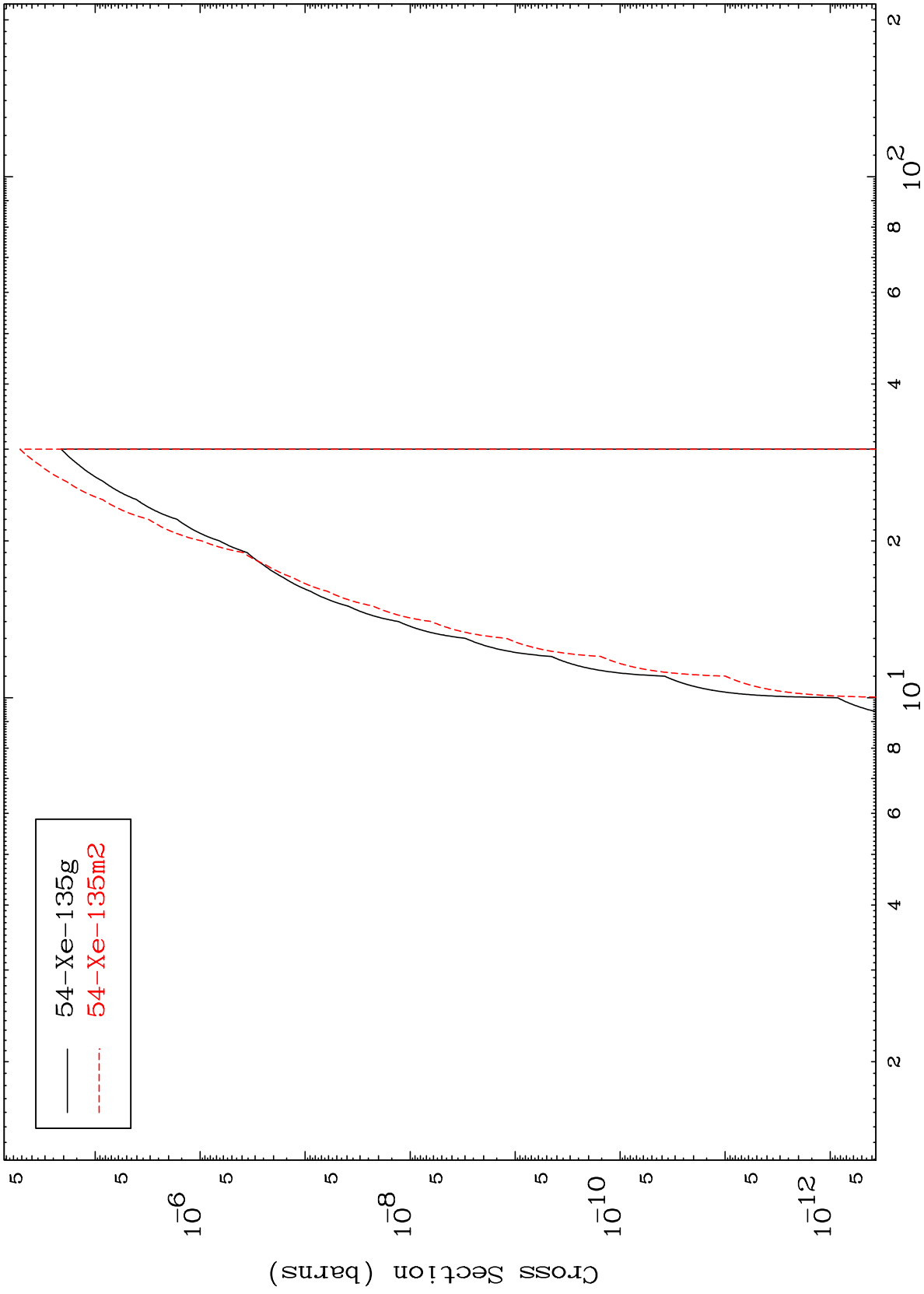
52-Te-129g
52-Te-129m1

MAT 5455

(n,2p)

54-Xe-134

Radionuclide Production Cross Section



28

Incident Energy (MeV)

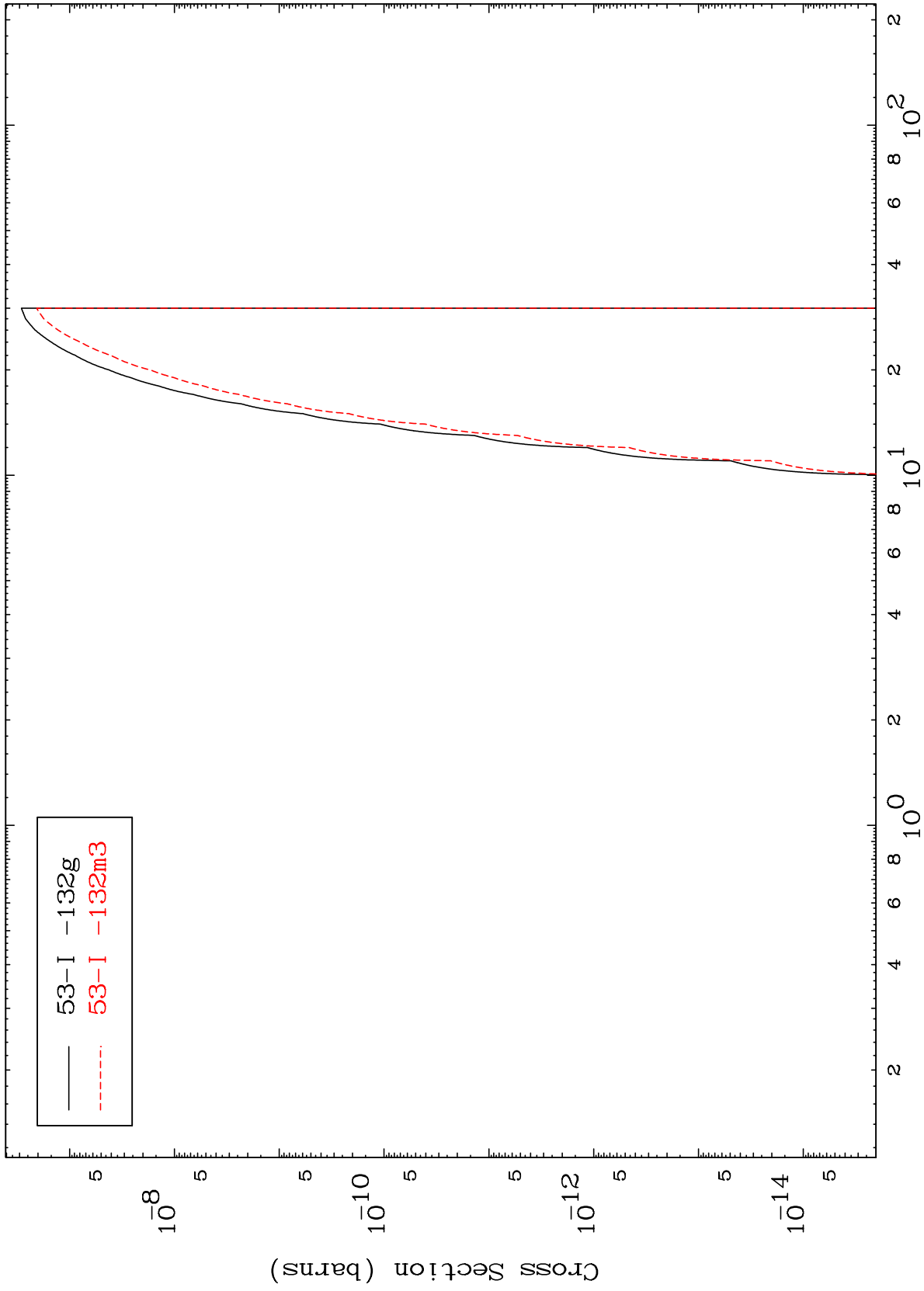
54-Xe-134

MAT 5455

(n,p) α

54-Xe-134

Radionuclide Production Cross Section



29

Incident Energy (MeV)

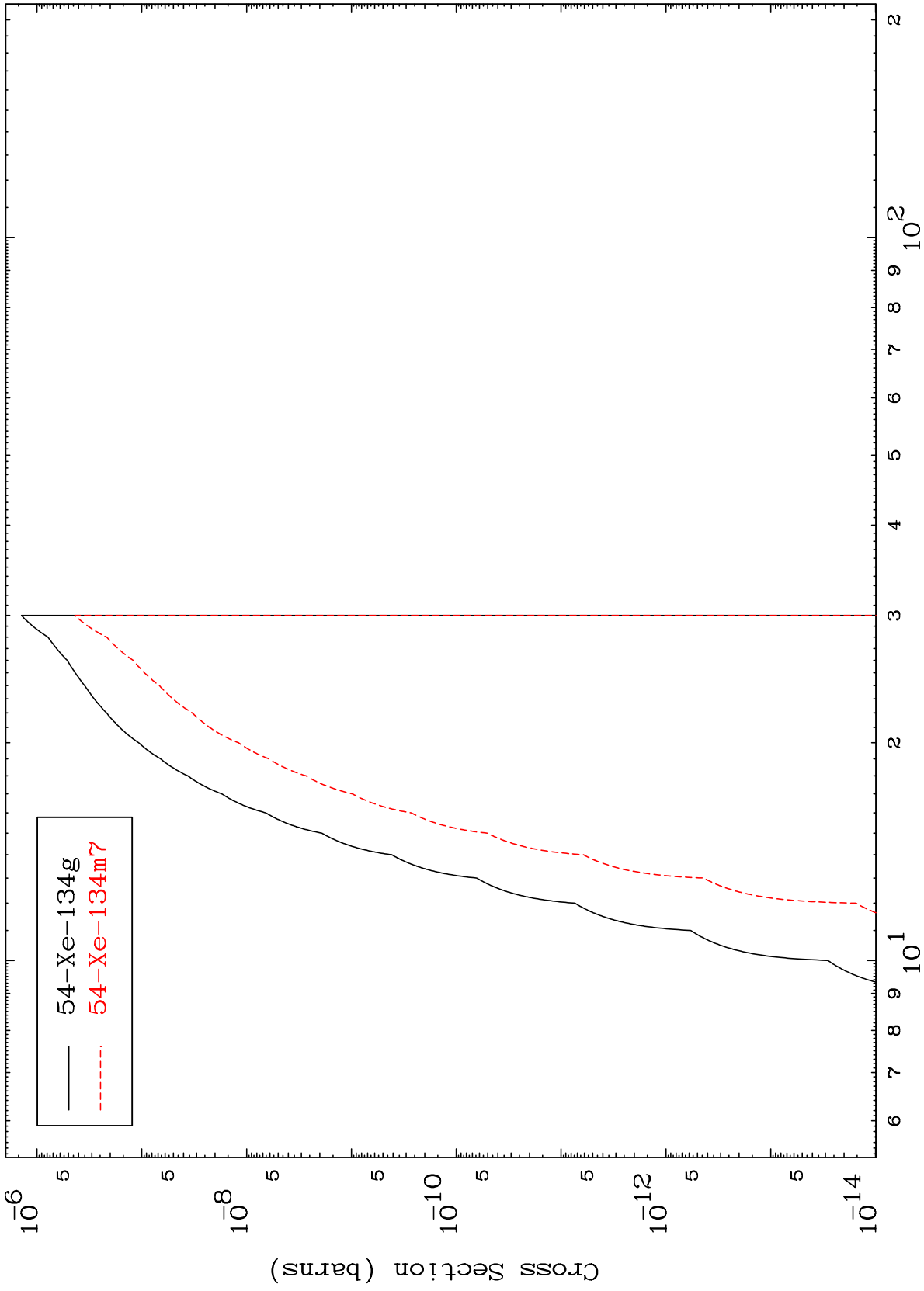
54-Xe-134

MAT 5455

(n,p) d

54-Xe-134

Radionuclide Production Cross Section



30

Incident Energy (MeV)

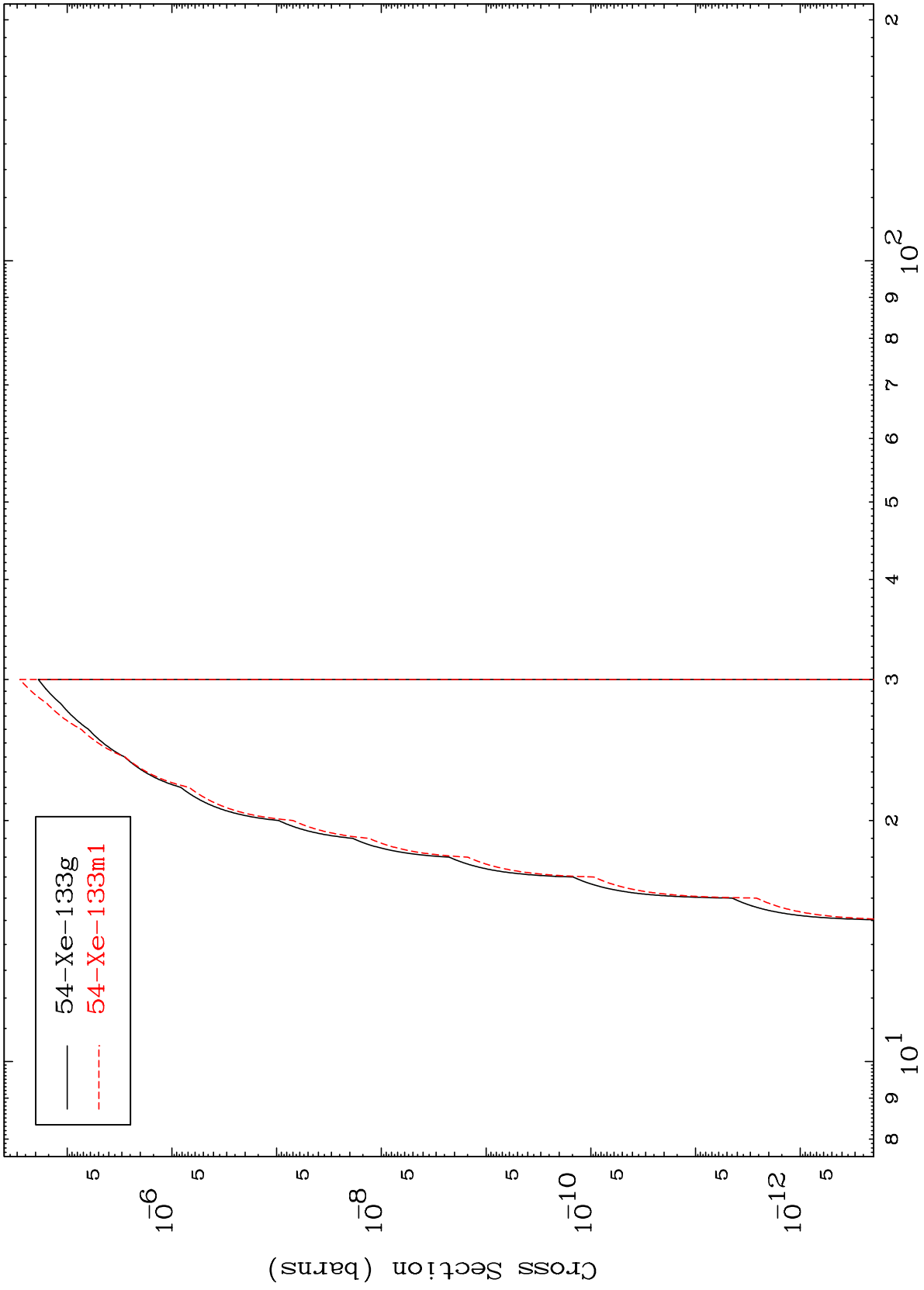
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



31

Incident Energy (MeV)

54-Xe-134