

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

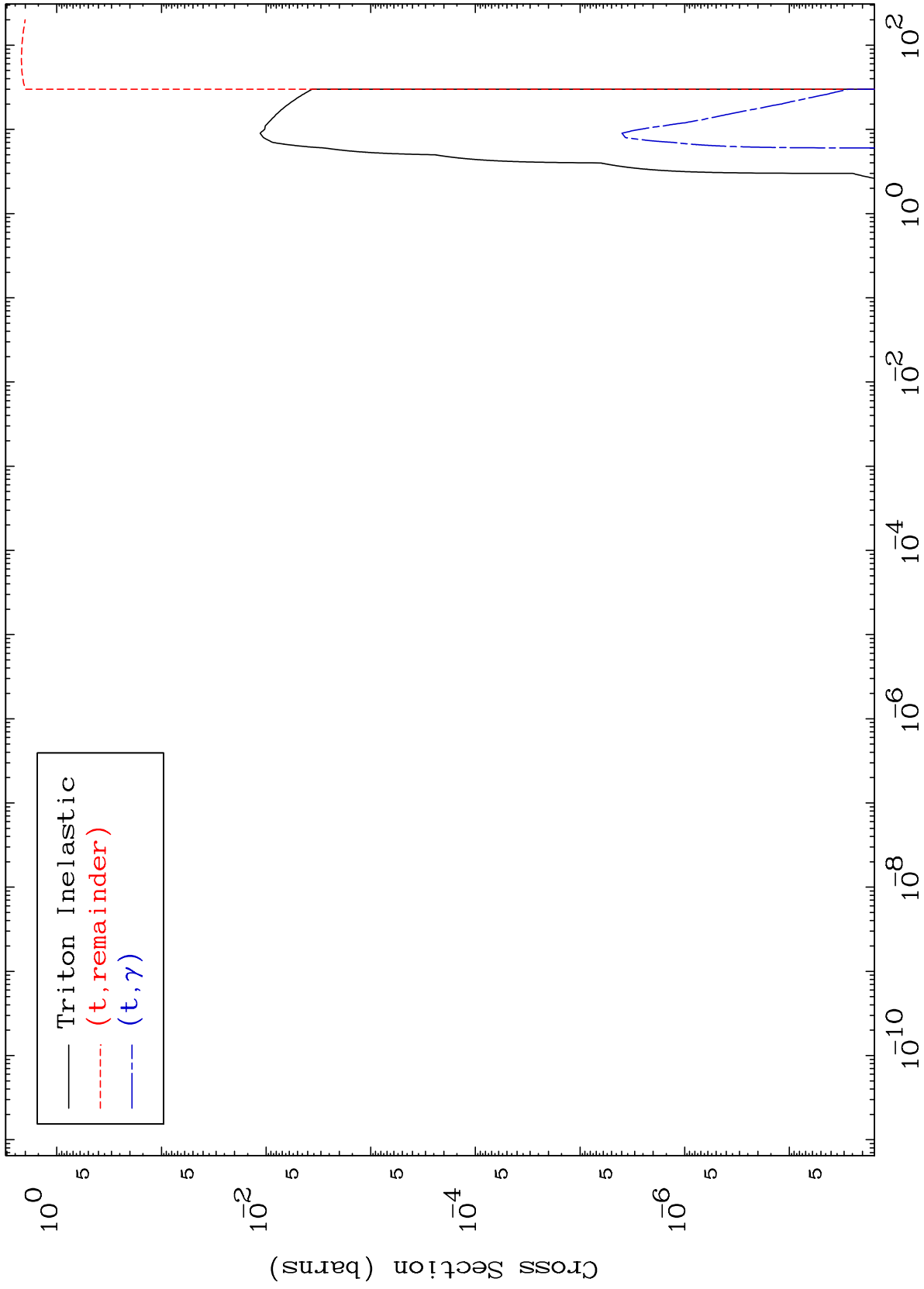
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5455

Triton Major
0 Kelvin Cross Sections

54-Xe-134



1

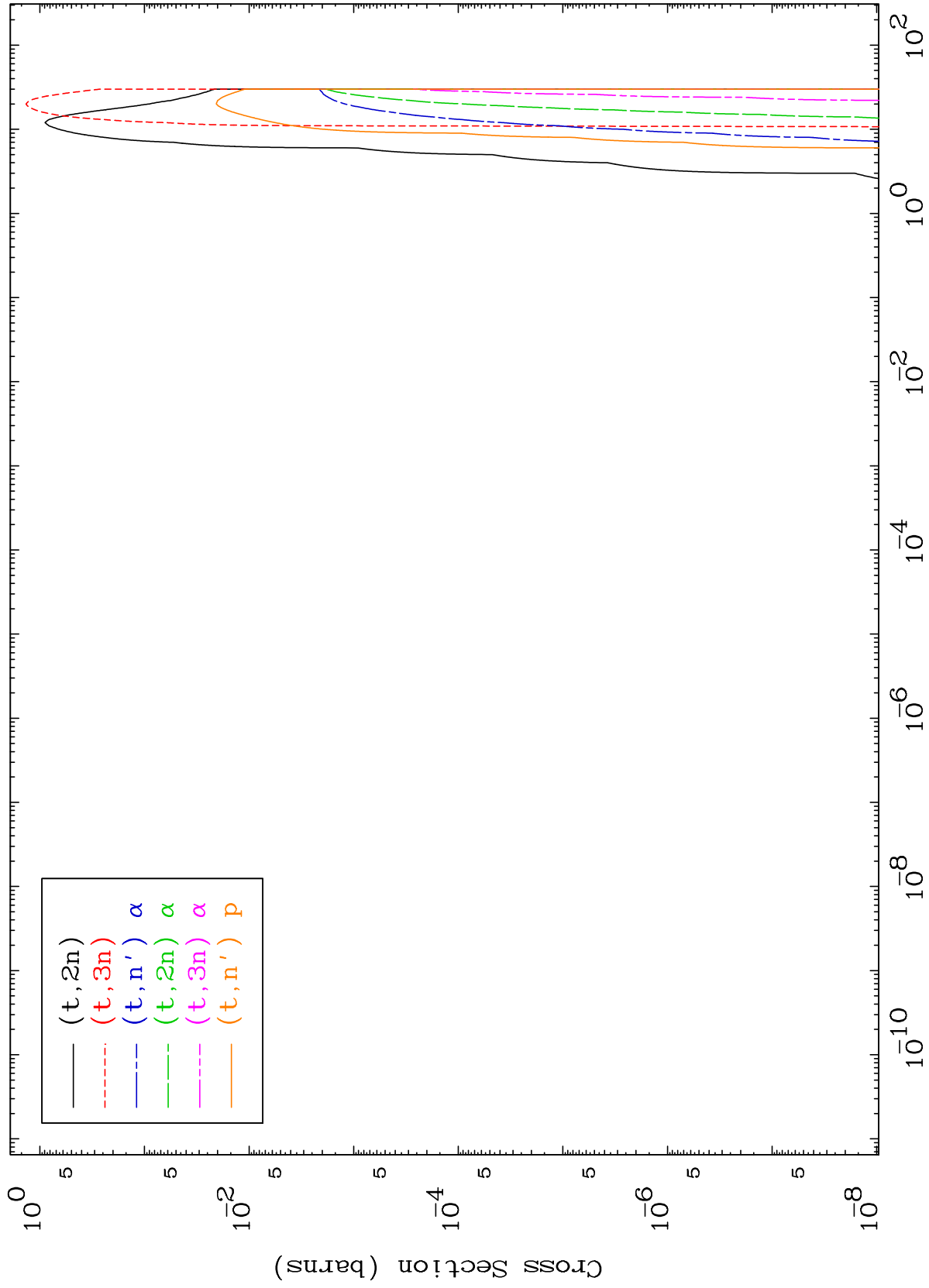
Incident Energy (MeV)

54-Xe-134

MAT 5455

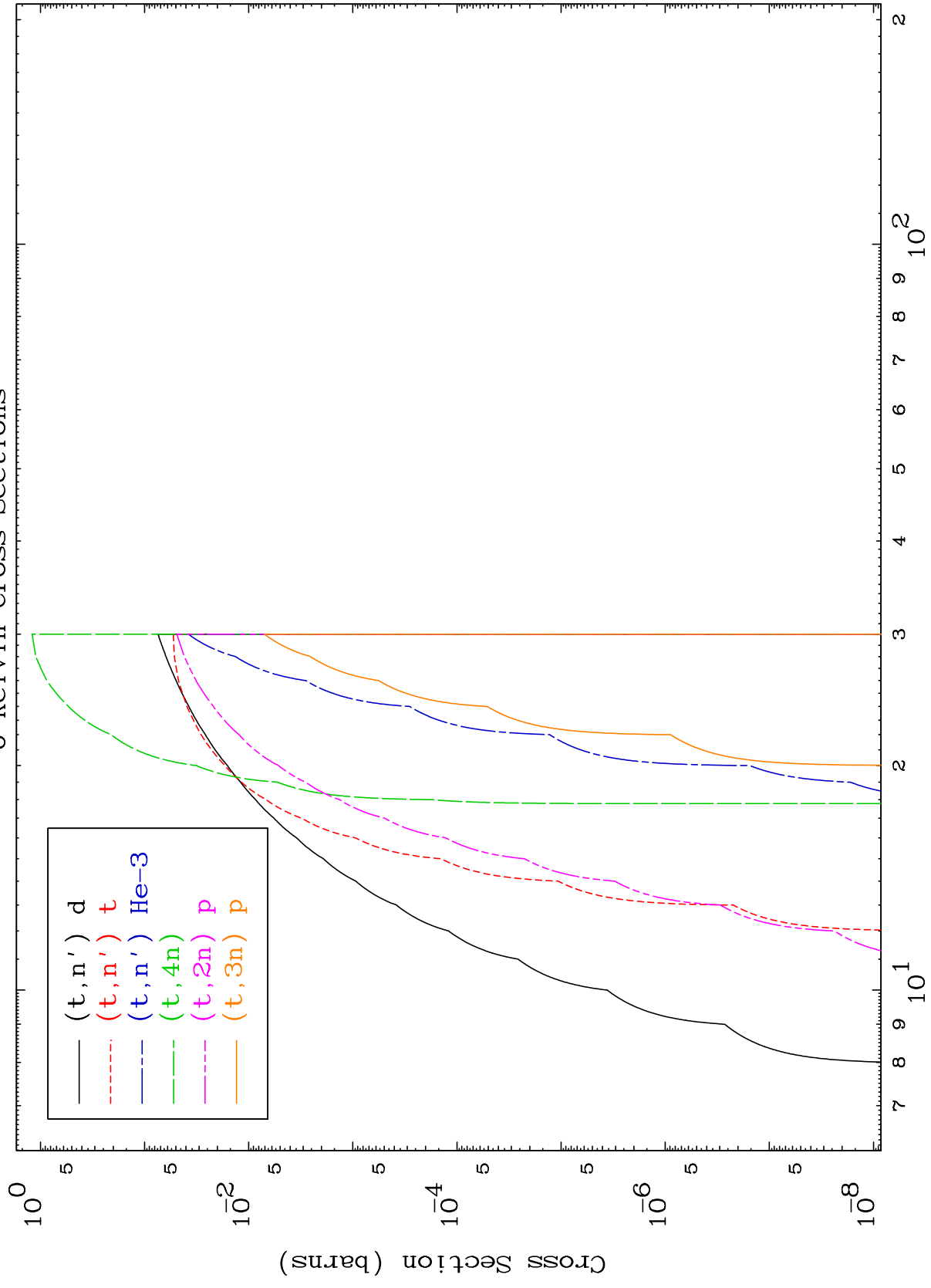
Triton Neutron Production
0 Kelvin Cross Sections

54-Xe-134



2

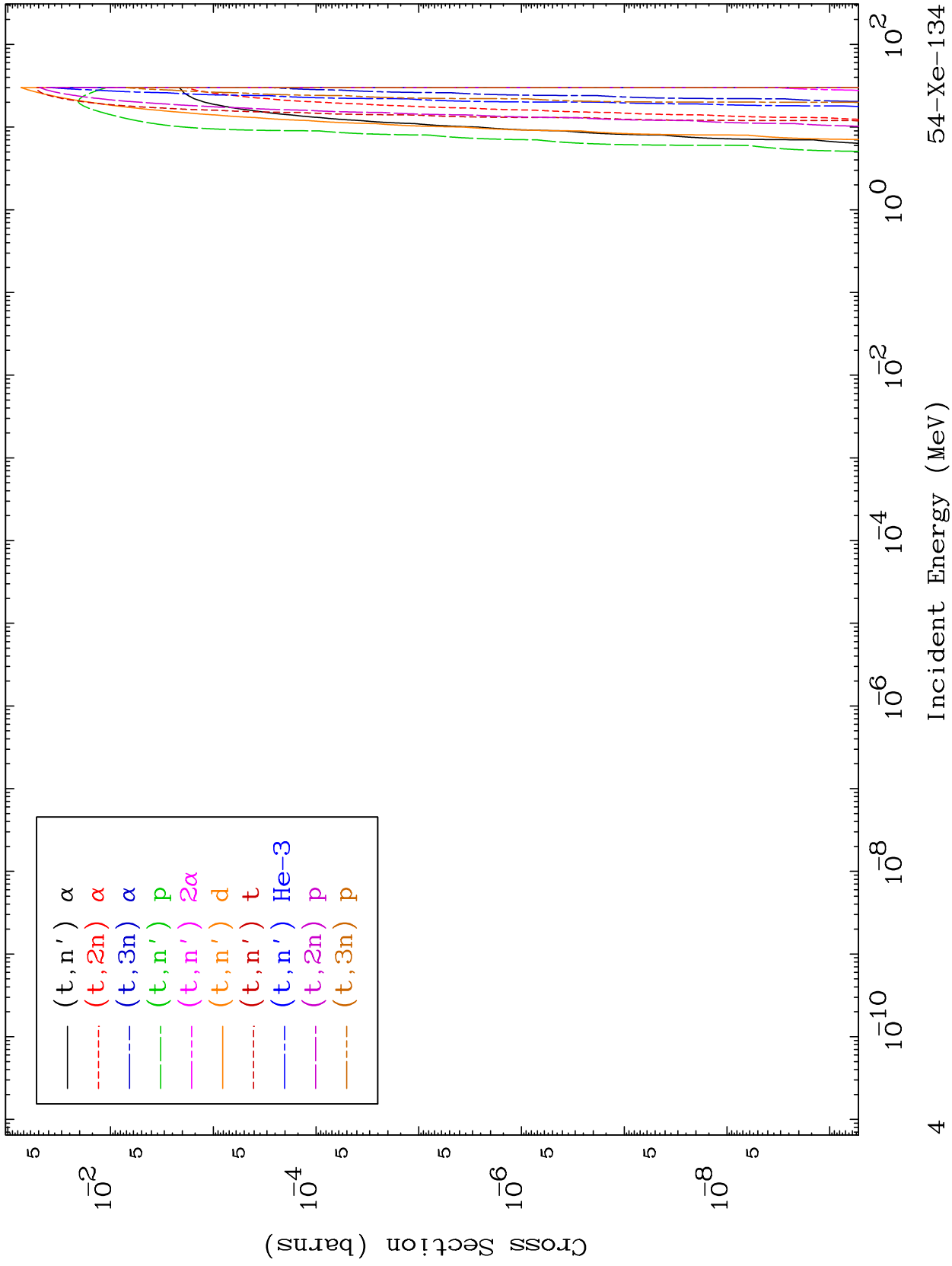
54-Xe-134



MAT 5455

Triton Charged Particle
0 Kelvin Cross Sections

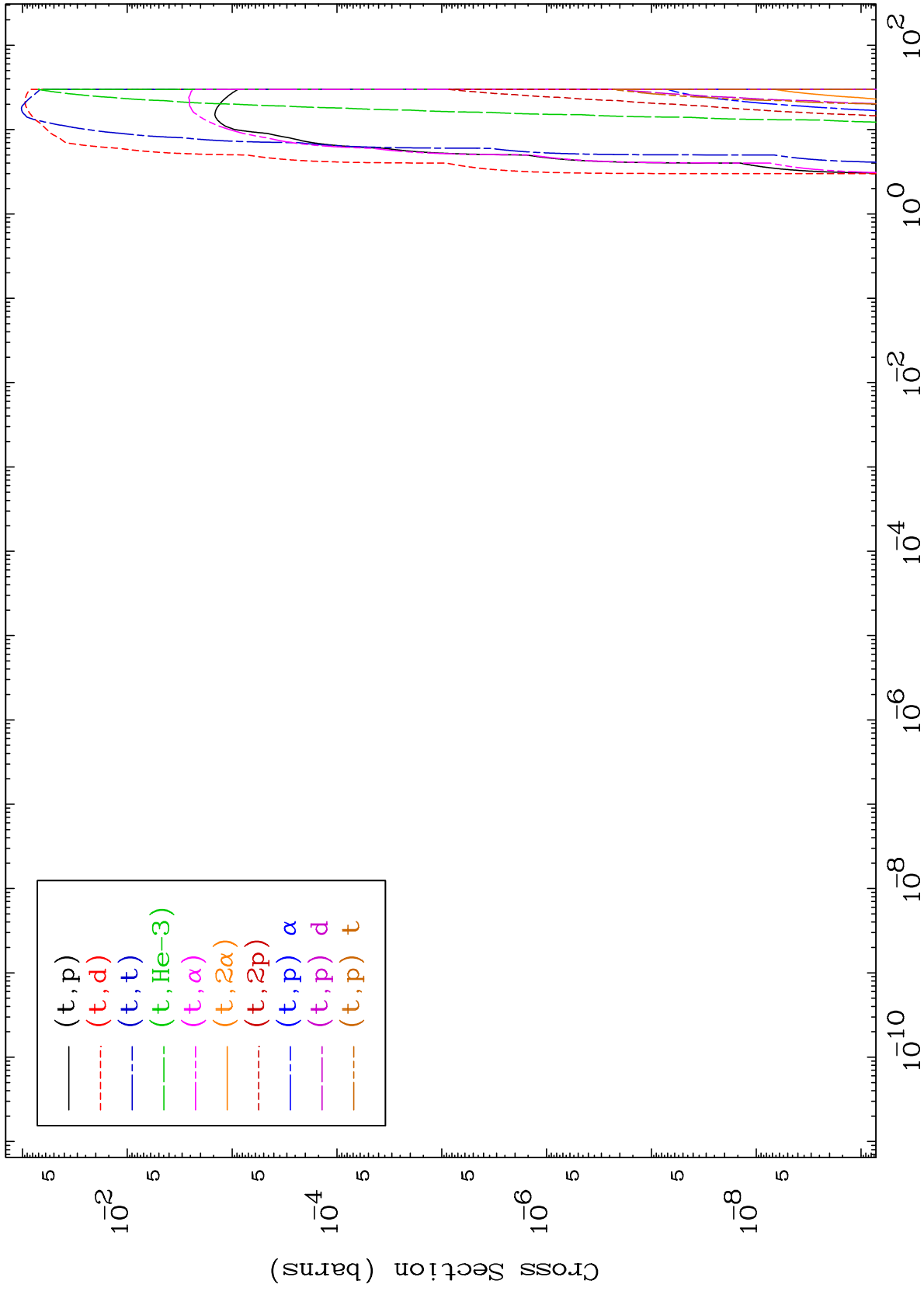
54-Xe-134



MAT 5455

Triton Charged Particle
0 Kelvin Cross Sections

54-Xe-134



5

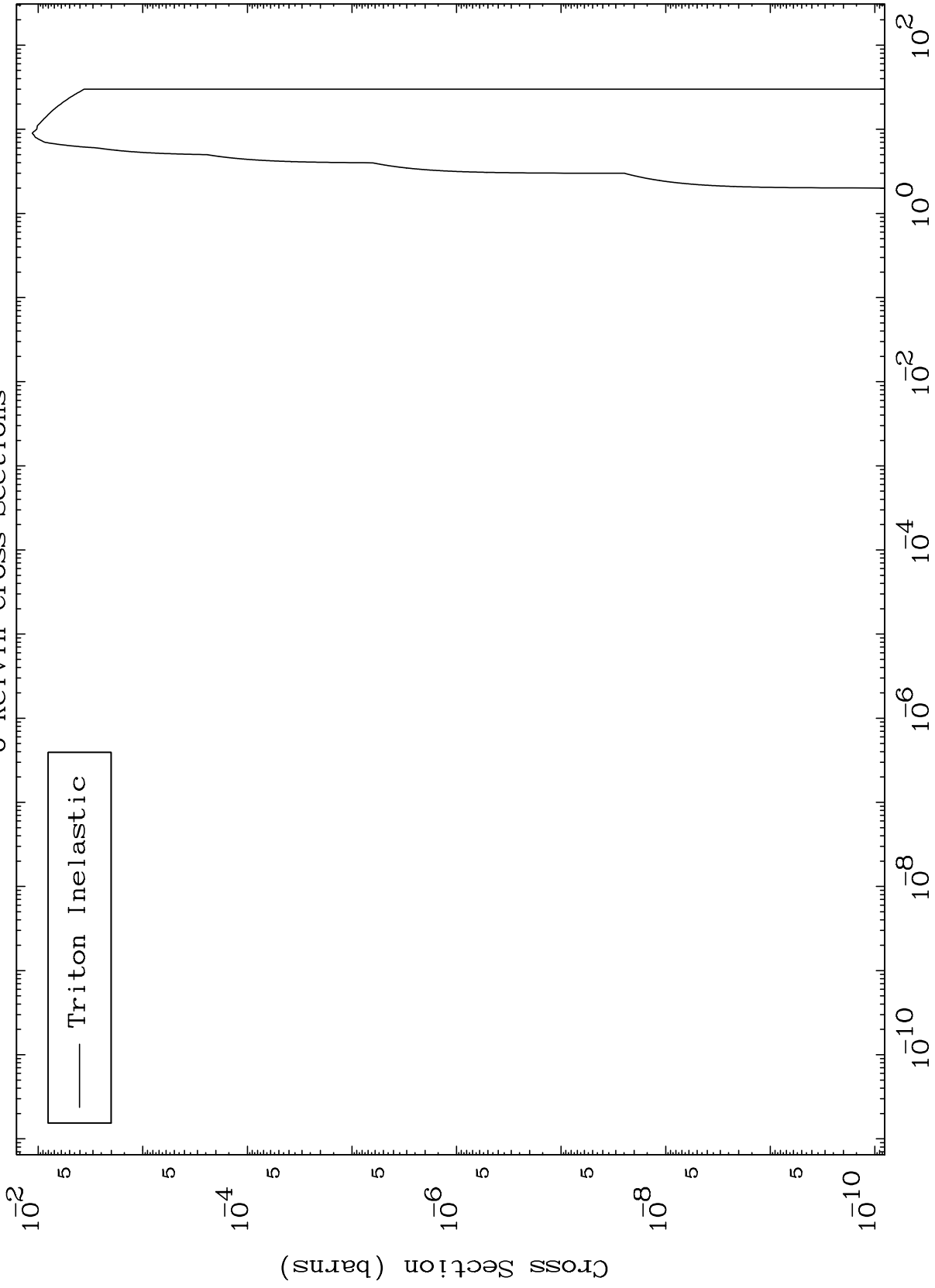
Incident Energy (MeV)

54-Xe-134

MAT 5455

(t,n') Level
0 Kelvin Cross Sections

54-Xe-134



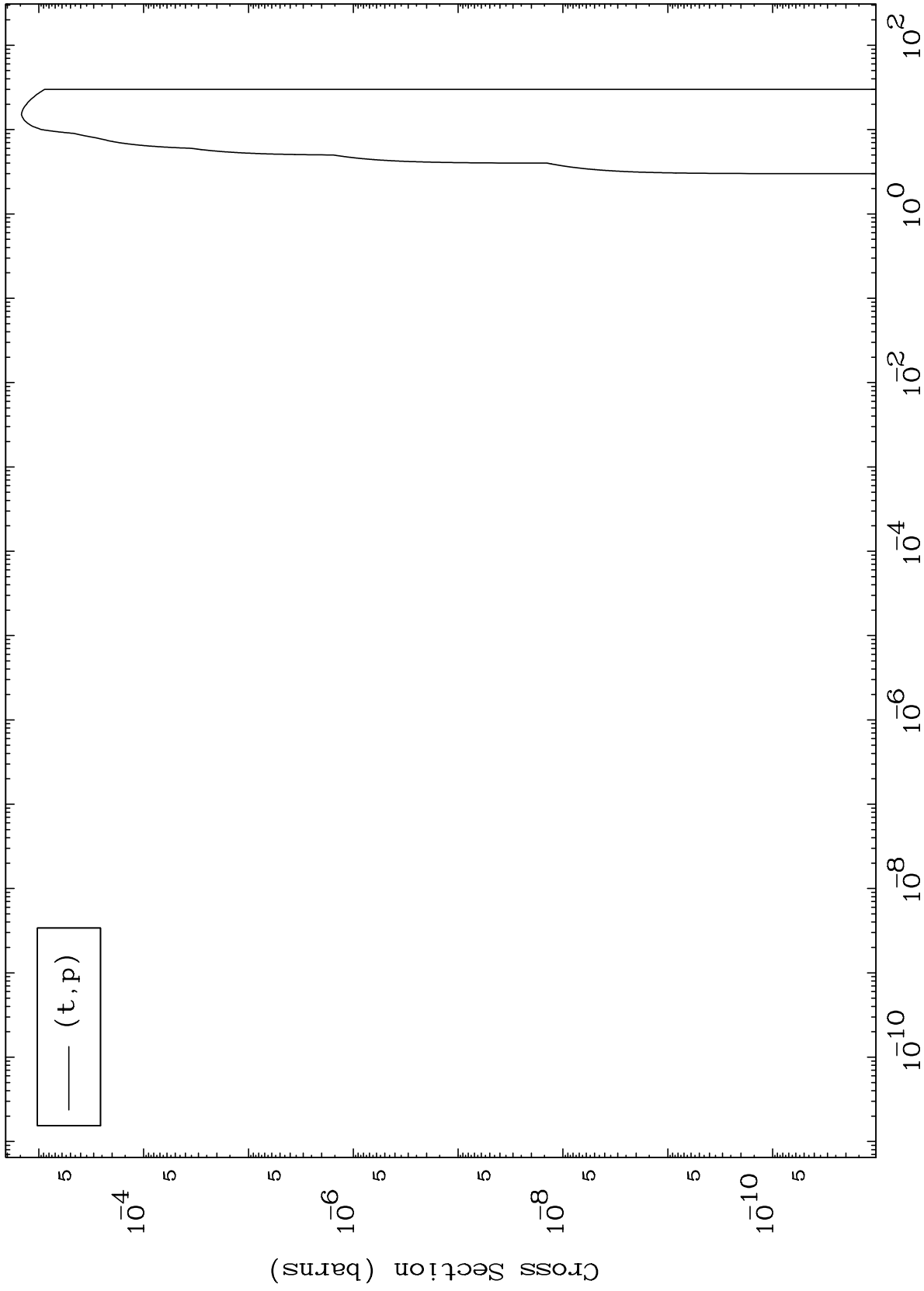
6

54-Xe-134

MAT 5455

(t,p) Levels
0 Kelvin Cross Sections

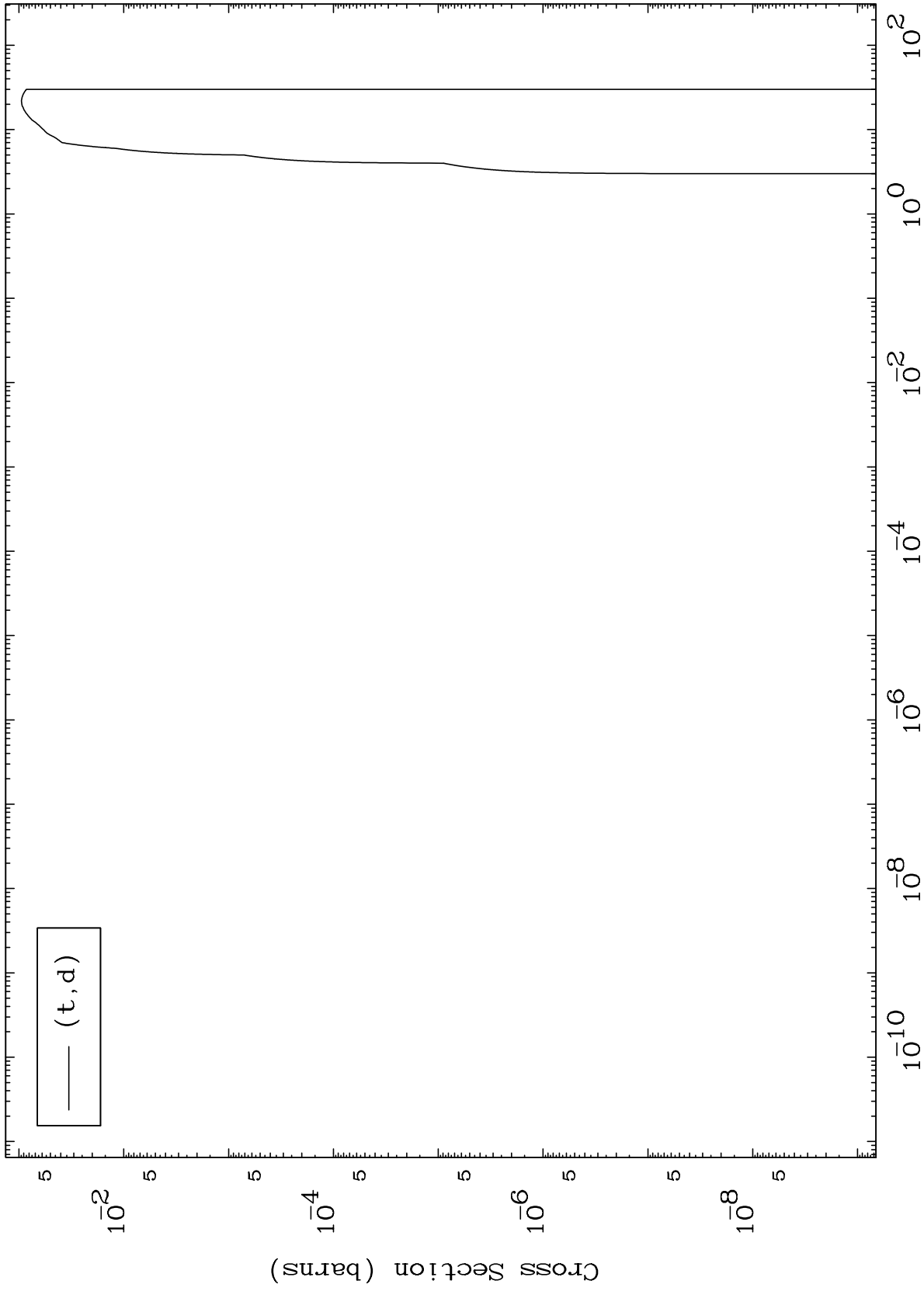
54-Xe-134



MAT 5455

(t,d) Levels
0 Kelvin Cross Sections

54-Xe-134



8

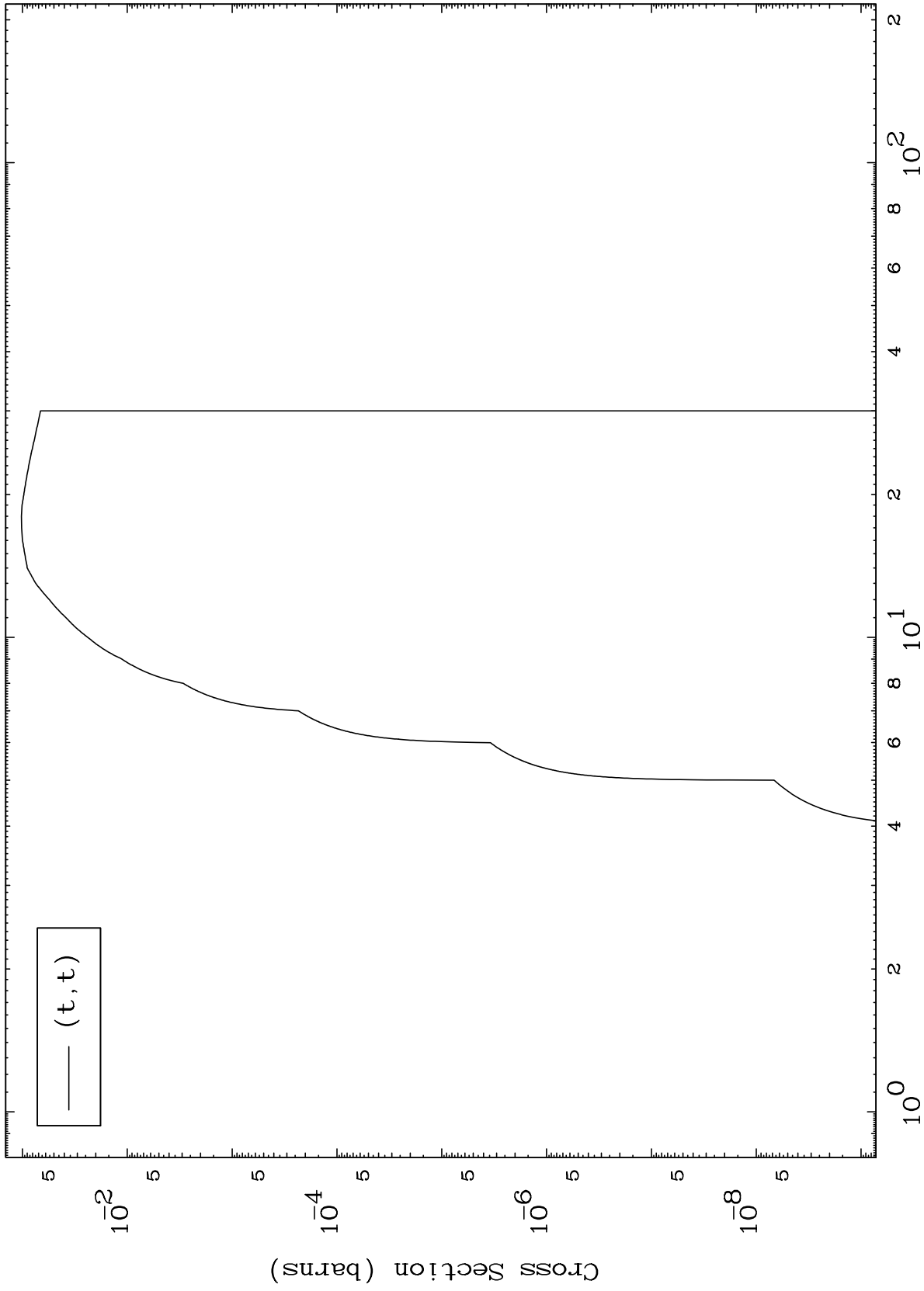
Incident Energy (MeV)

54-Xe-134

MAT 5455

(t,t) Levels
0 Kelvin Cross Sections

54-Xe-134



9

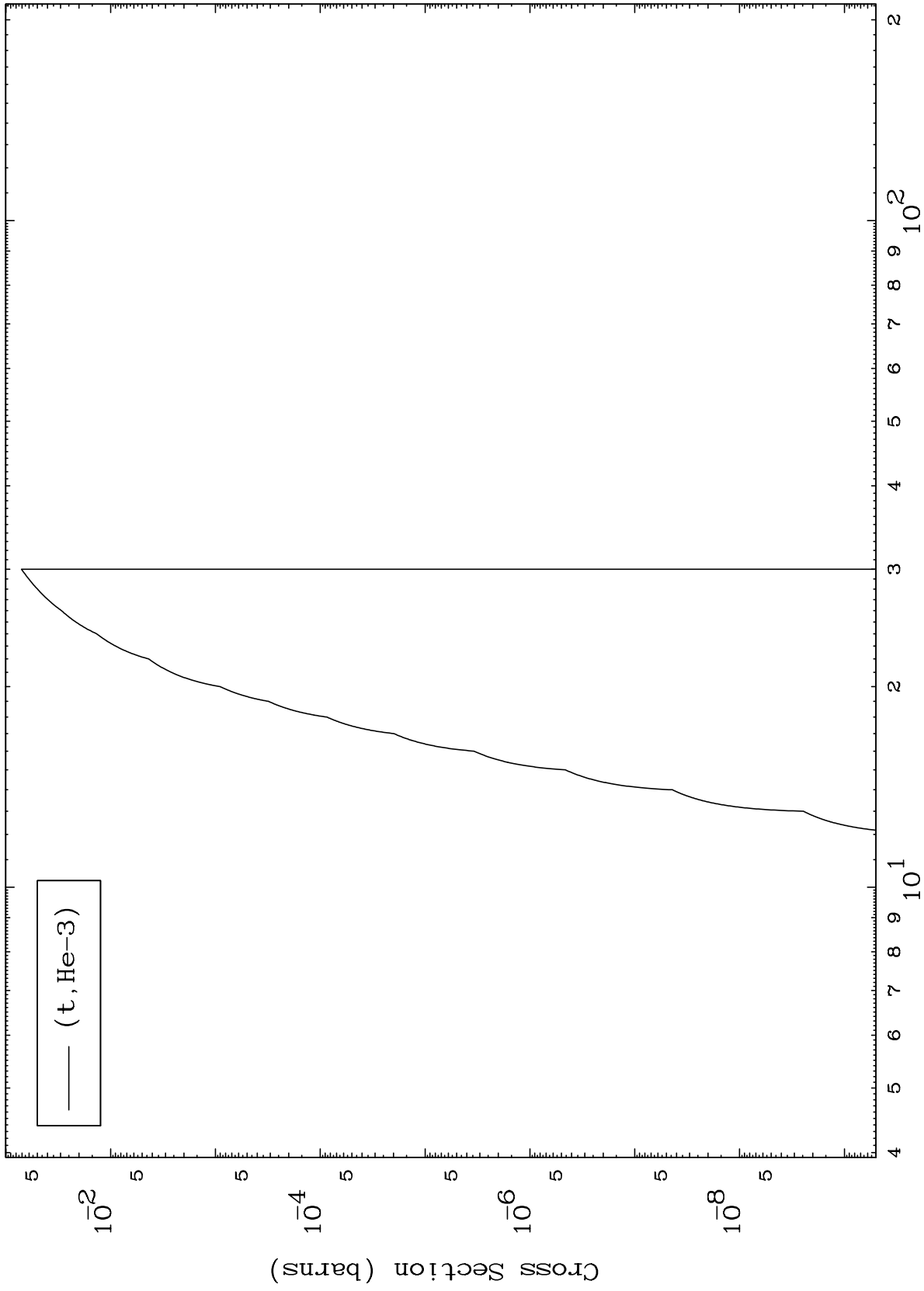
Incident Energy (MeV)

54-Xe-134

MAT 5455

(t,He3) Levels
0 Kelvin Cross Sections

54-Xe-134



10

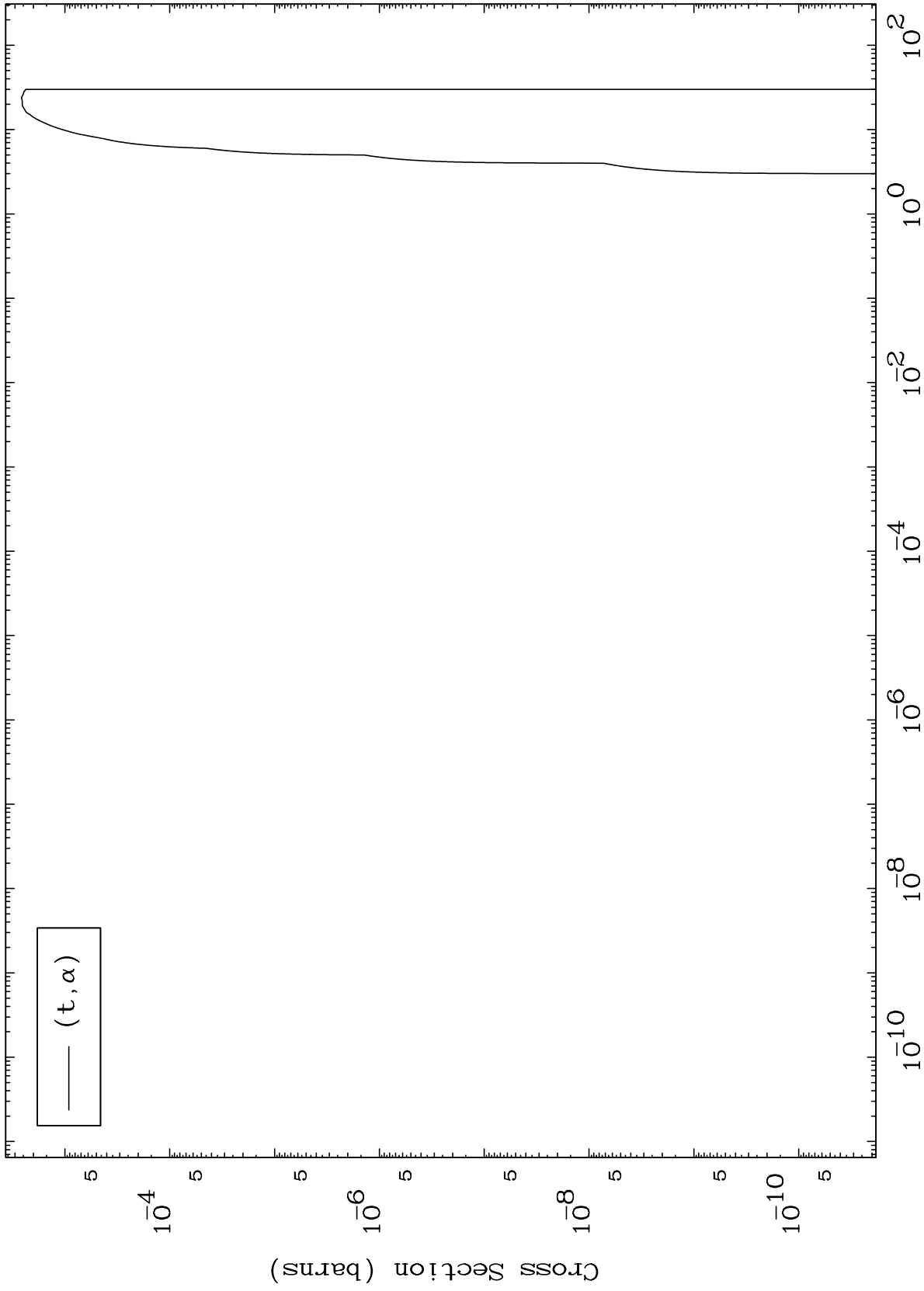
Incident Energy (MeV)

54-Xe-134

MAT 5455

(t, α) Levels
0 Kelvin Cross Sections

54-Xe-134



11

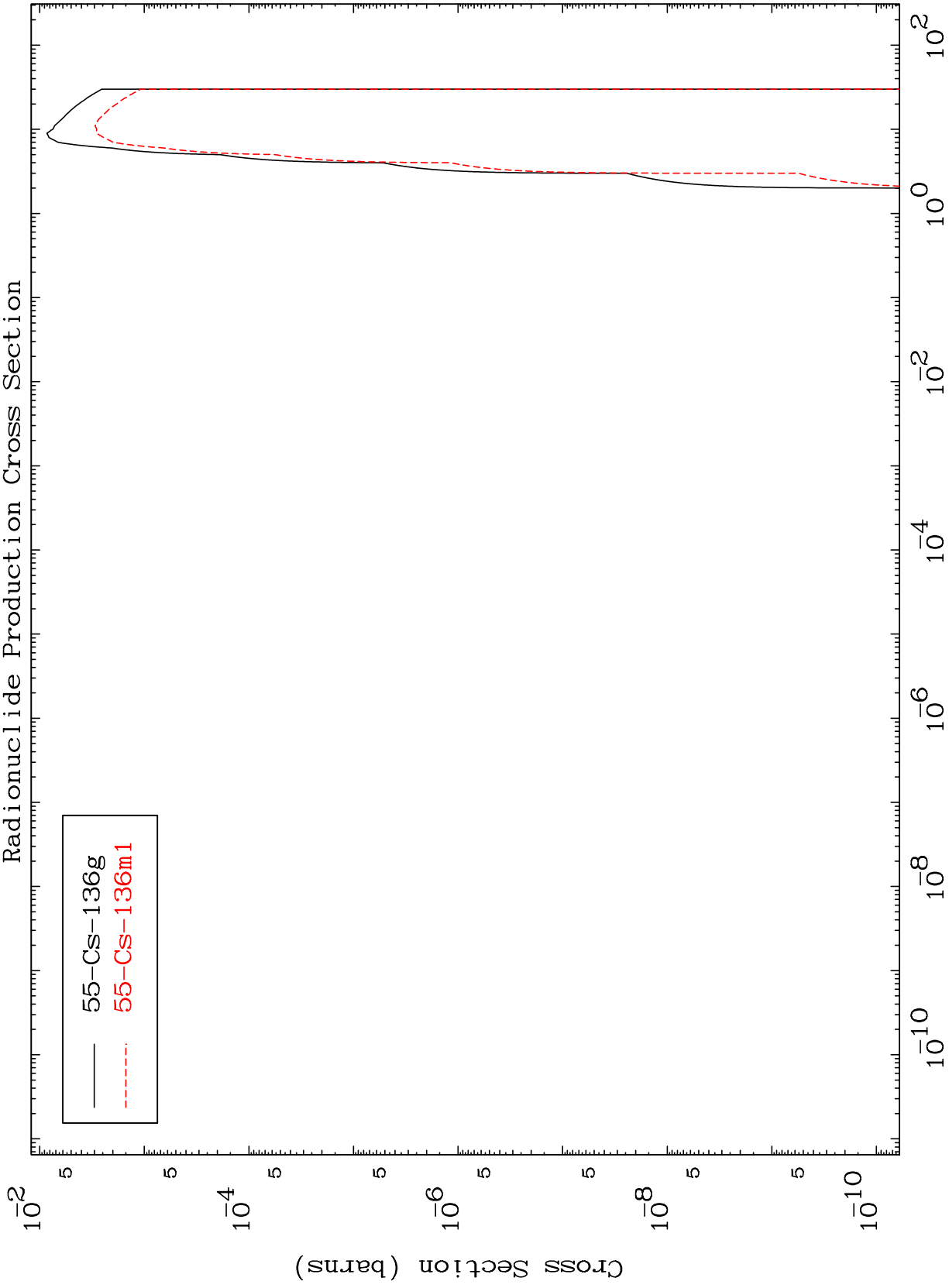
Incident Energy (MeV)

54-Xe-134

MAT 5455

Triton Inelastic
Radionuclide Production Cross Section

54-Xe-134



12

Incident Energy (MeV)

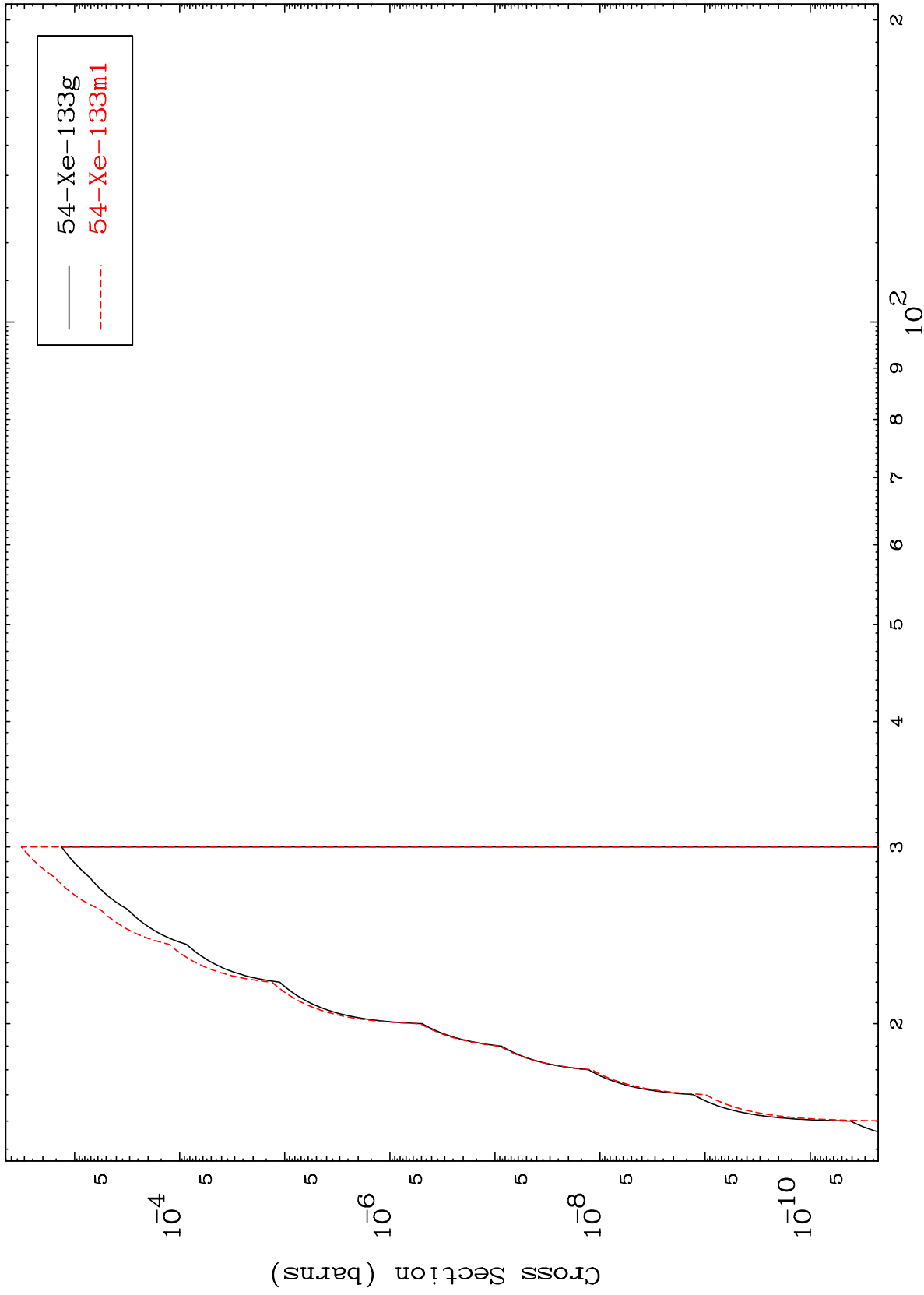
54-Xe-134

MAT 5455

(t,2n) d

⁵⁴Xe-134

Radionuclide Production Cross Section



13

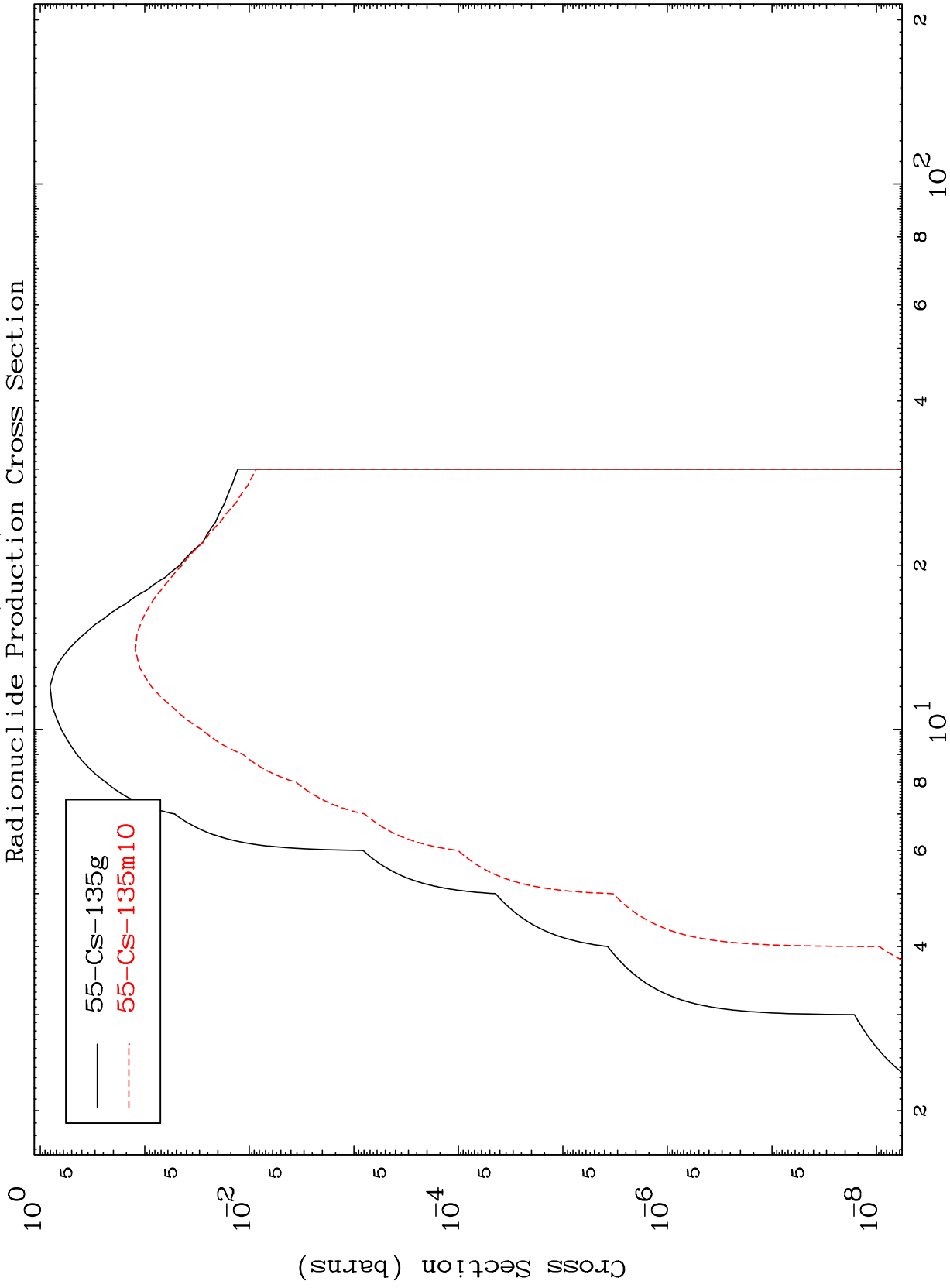
Incident Energy (MeV)

⁵⁴Xe-134

MAT 5455

Radionuclide Production Cross Section
(t,2n)

54-Xe-134



14

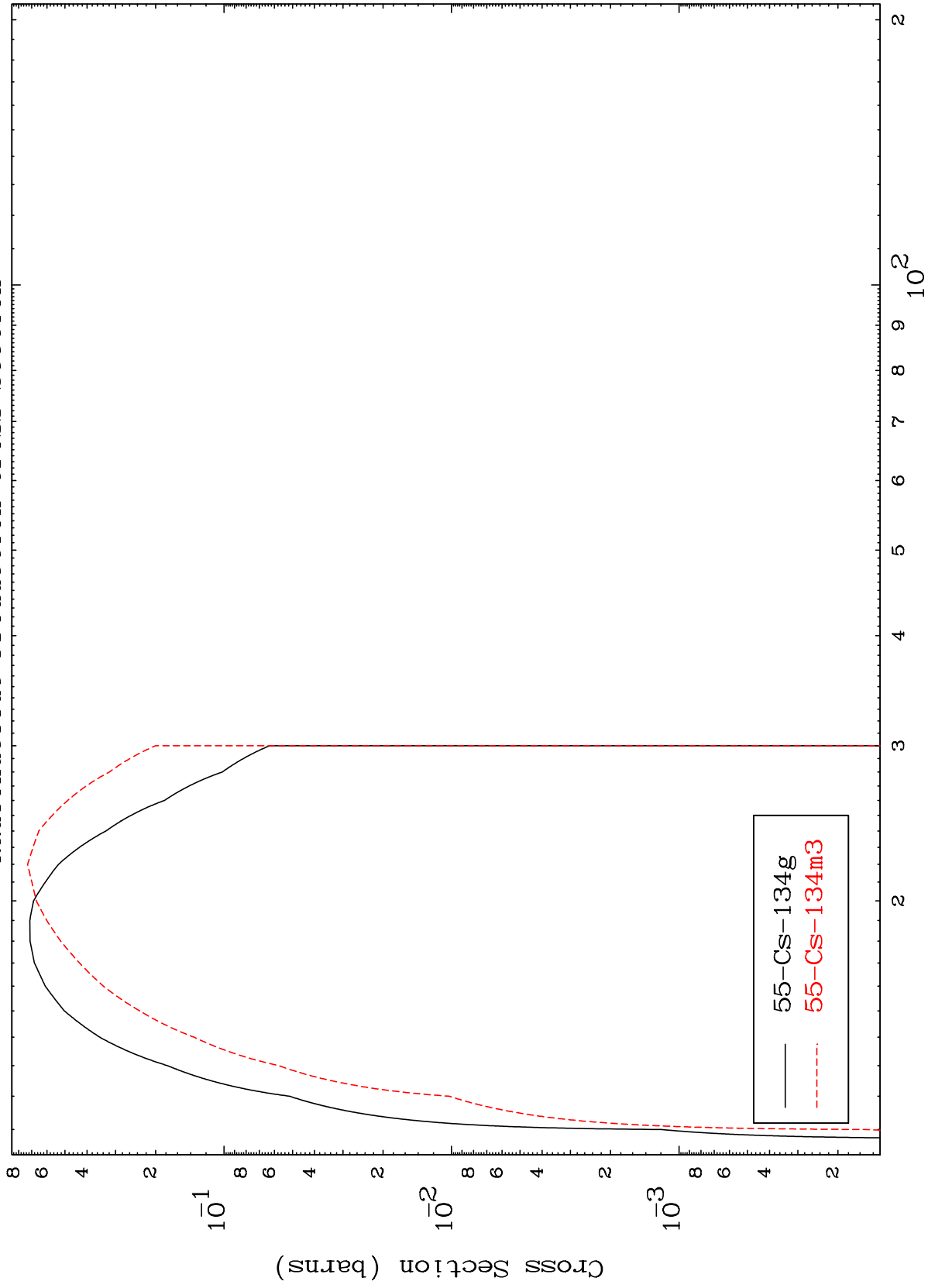
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(t,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

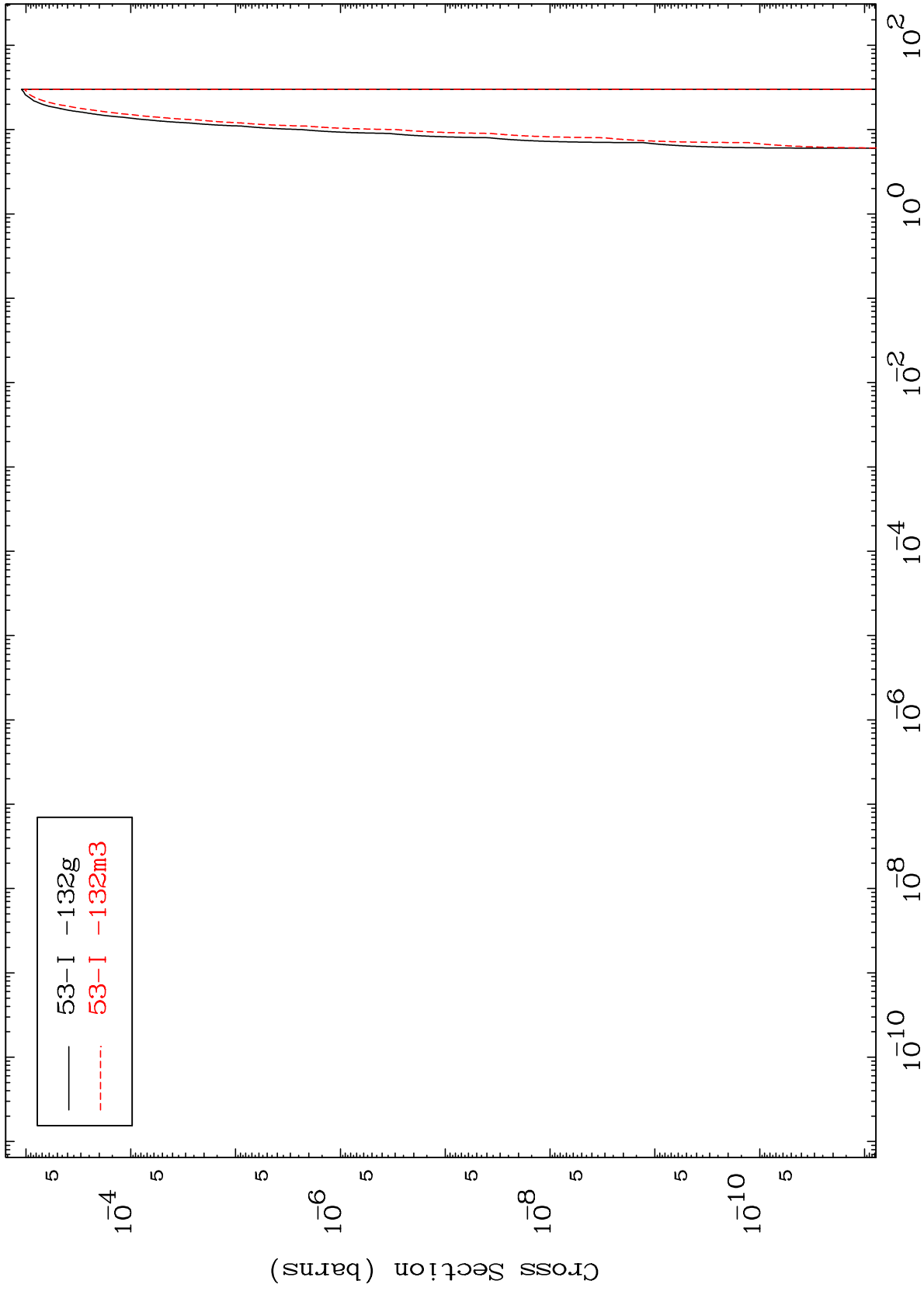
54-Xe-134

MAT 5455

(t,n') α

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

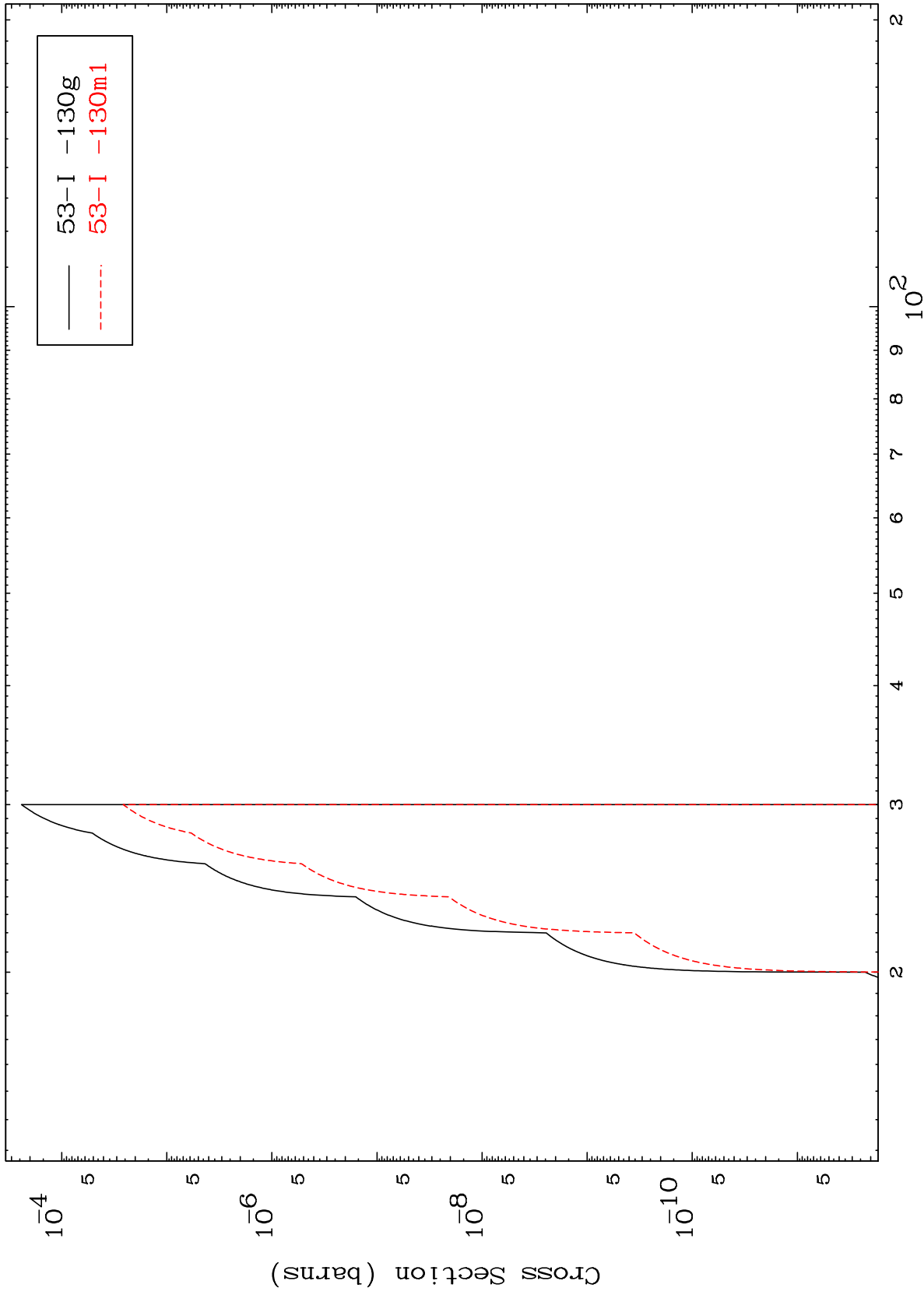
54-Xe-134

MAT 5455

(t,3n) α

54-Xe-134

Radionuclide Production Cross Section



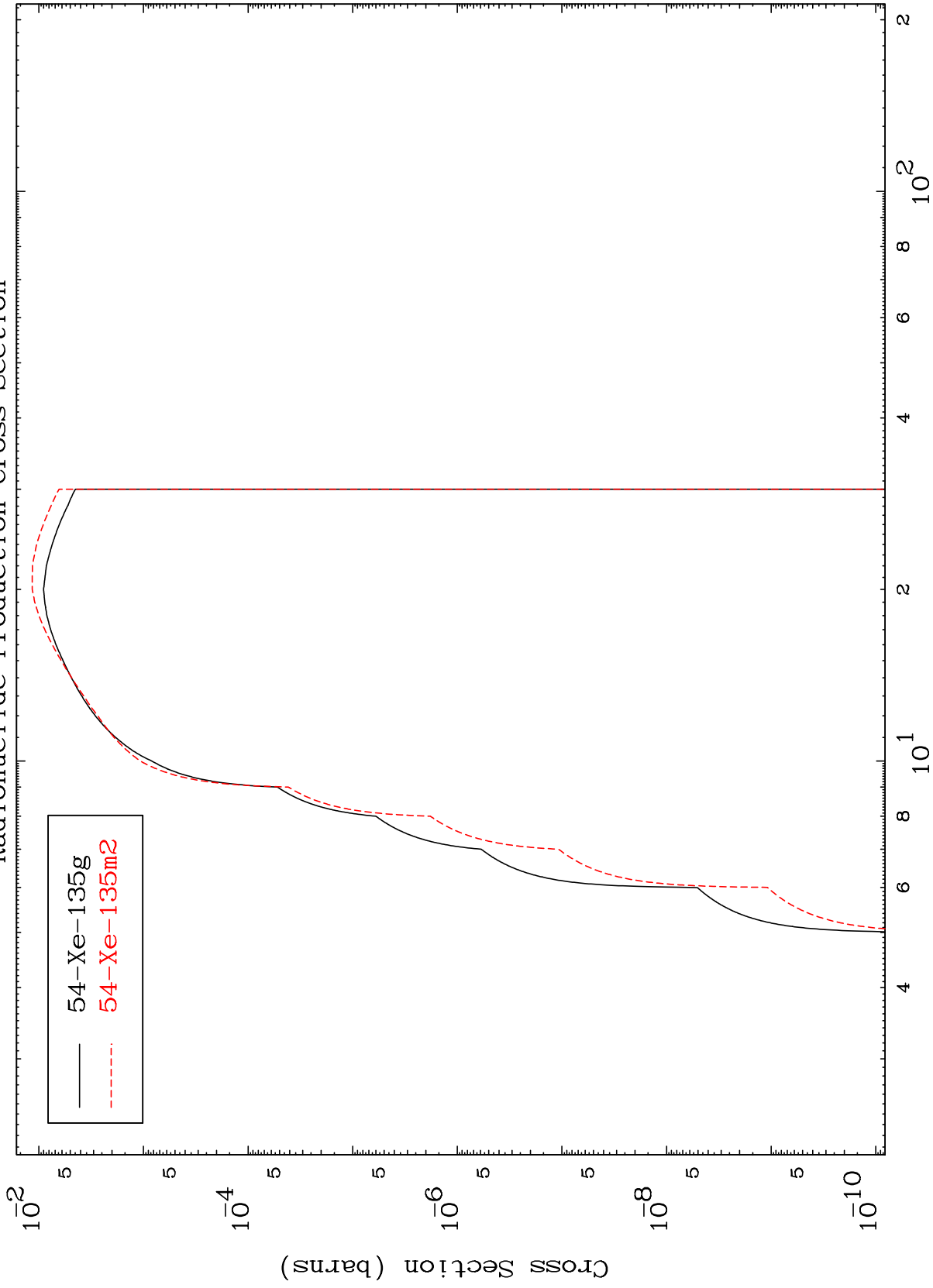
53-I -130g
53-I -130m1

MAT 5455

(t,n') p

54-Xe-134

Radionuclide Production Cross Section



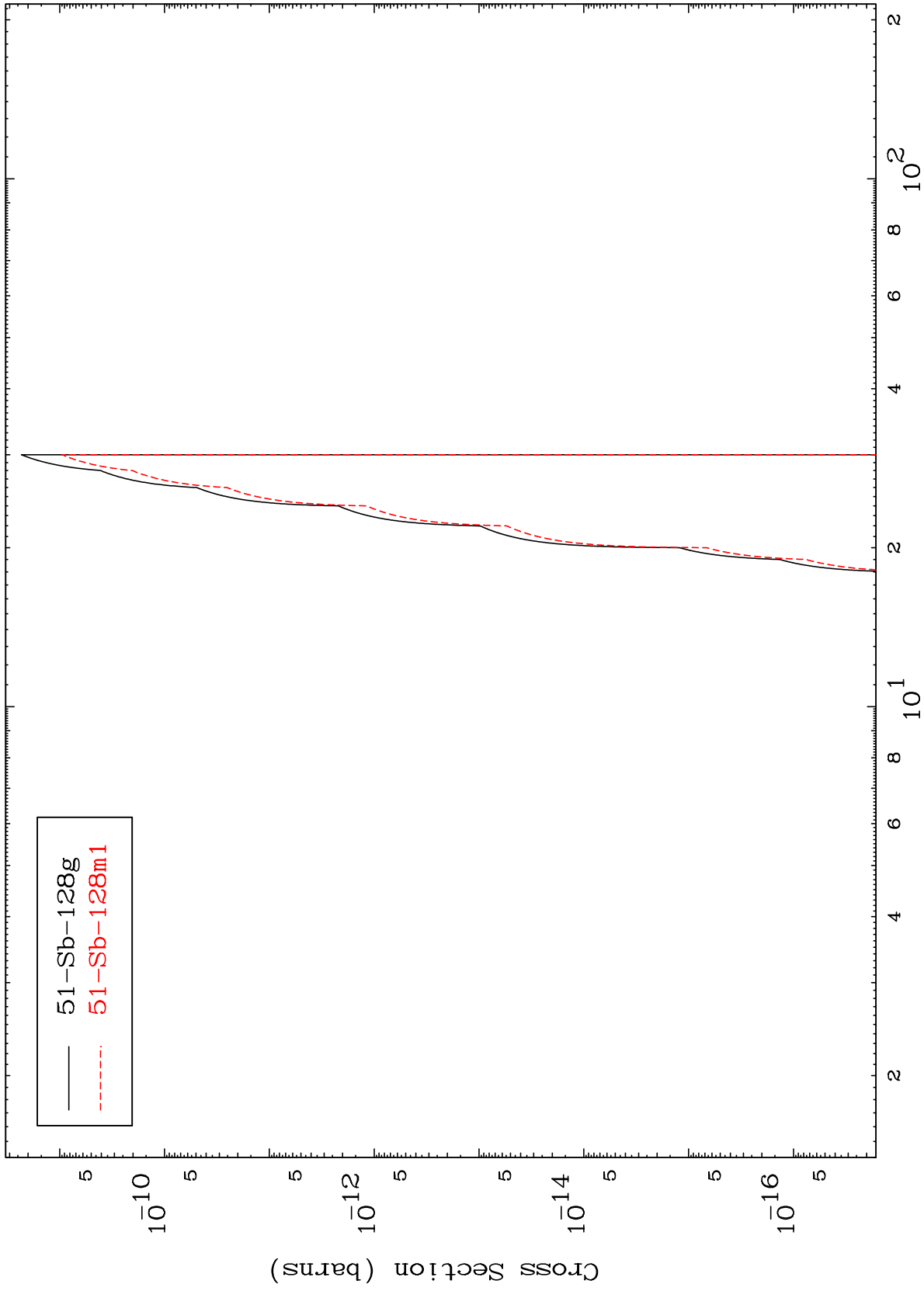
54-Xe-135g
54-Xe-135m2

MAT 5455

(t,n') 2 α

54-Xe-134

Radionuclide Production Cross Section



19

Incident Energy (MeV)

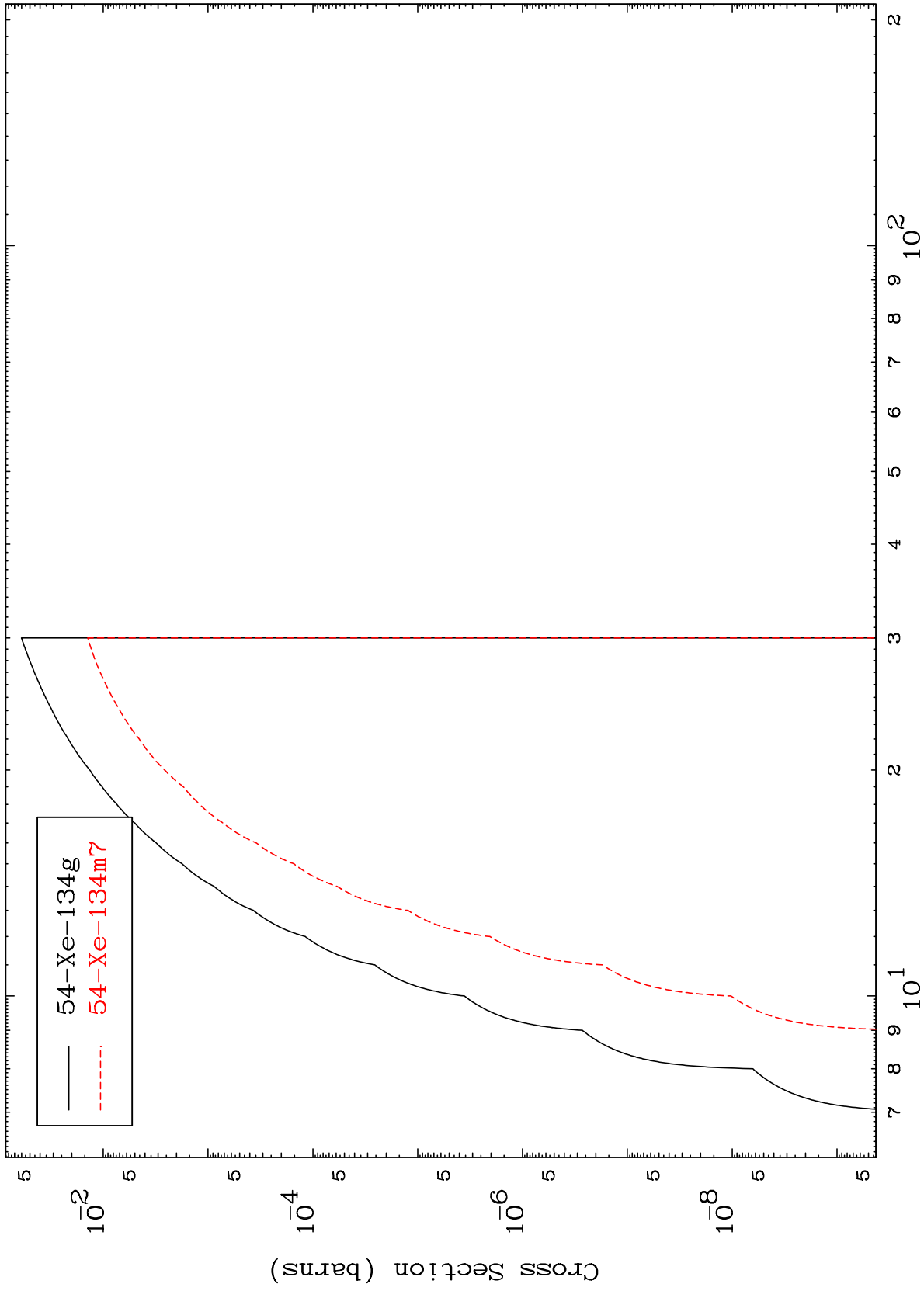
54-Xe-134

MAT 5455

(t,n') d

54-Xe-134

Radionuclide Production Cross Section



20

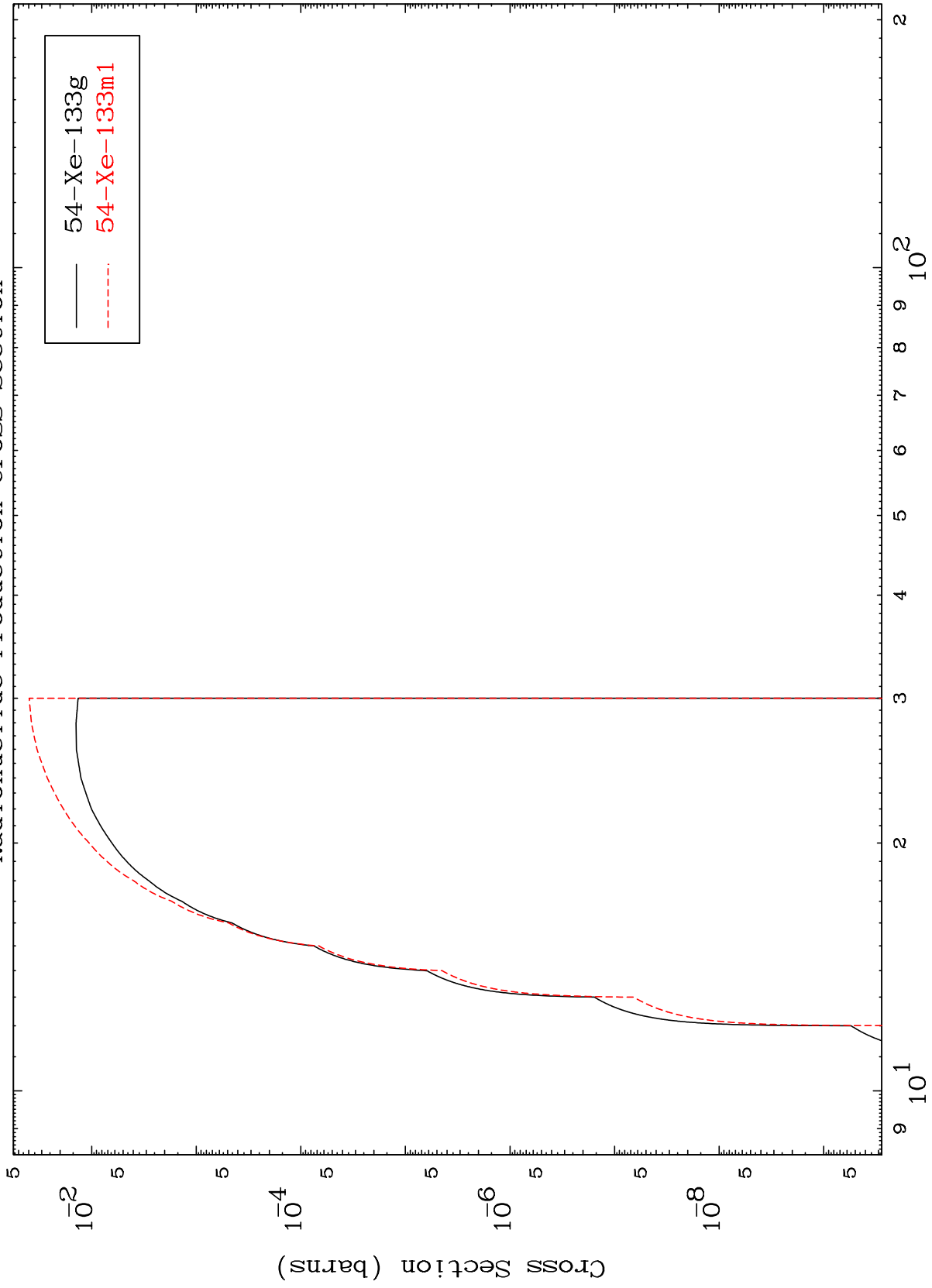
54-Xe-134

MAT 5455

(t,n') t

54-Xe-134

Radionuclide Production Cross Section



21

Incident Energy (MeV)

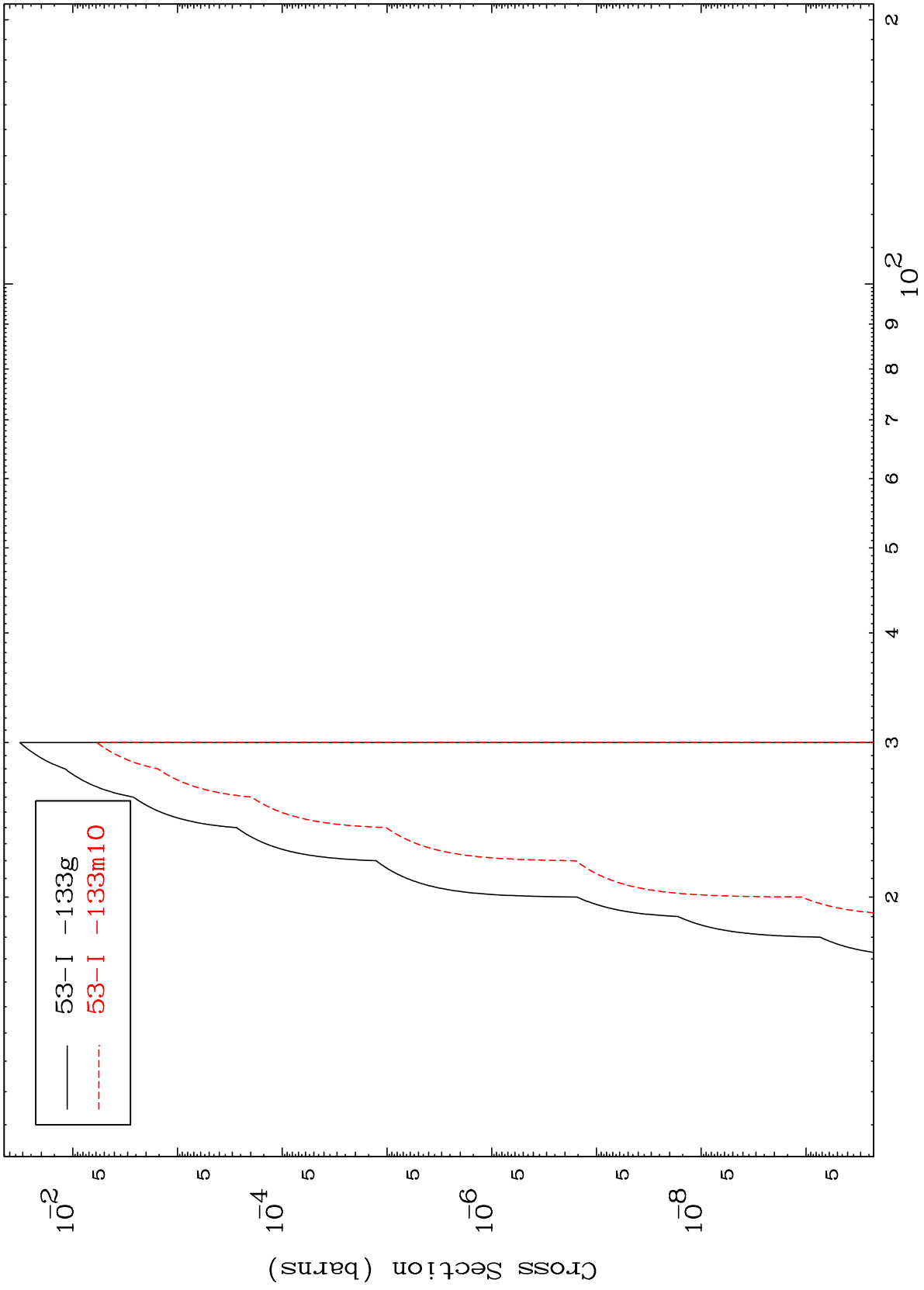
54-Xe-134

MAT 5455

(t, n') He-3

54-Xe-134

Radionuclide Production Cross Section



22

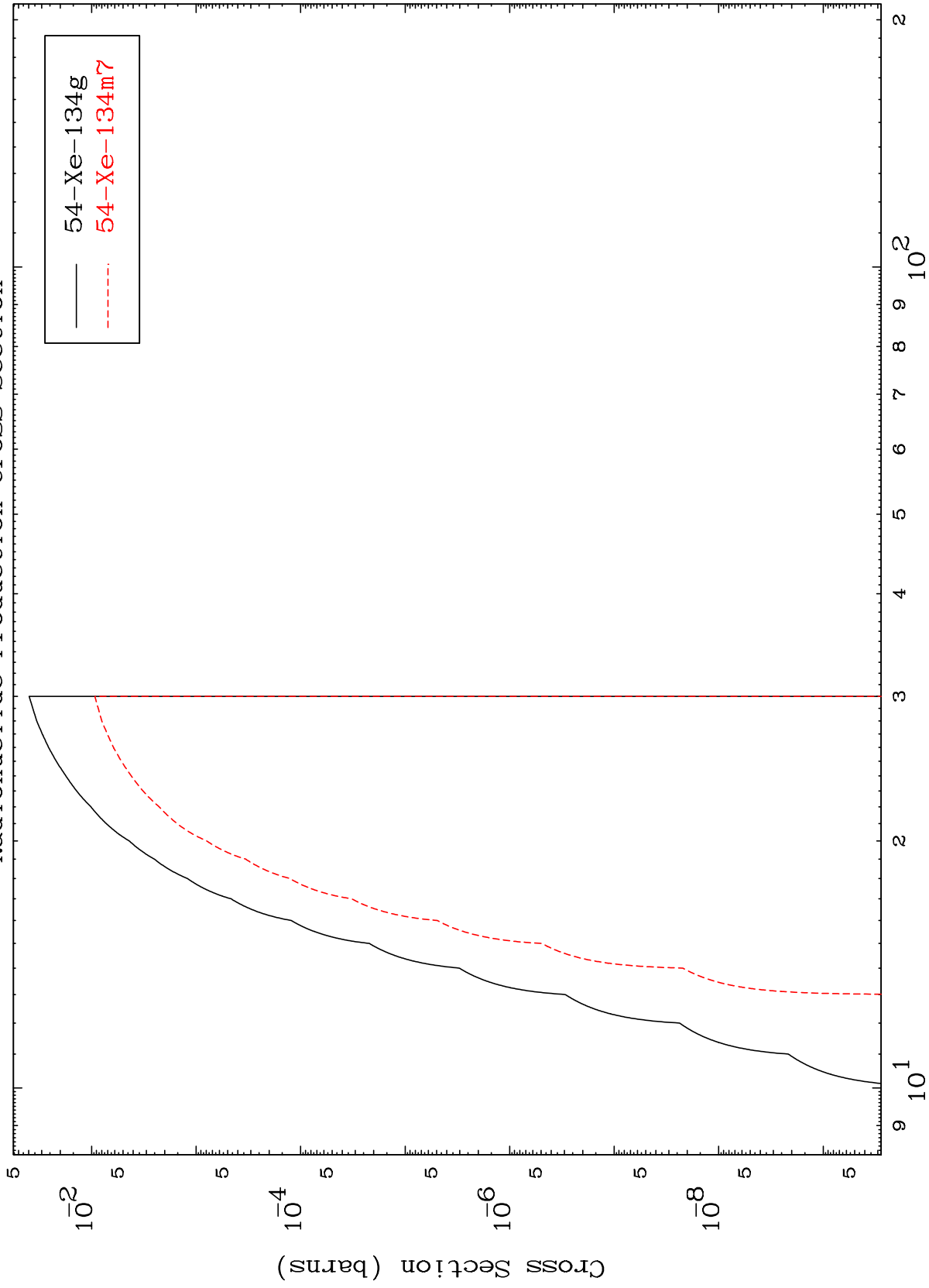
54-Xe-134

MAT 5455

(t,2n) p

54-Xe-134

Radionuclide Production Cross Section



23

Incident Energy (MeV)

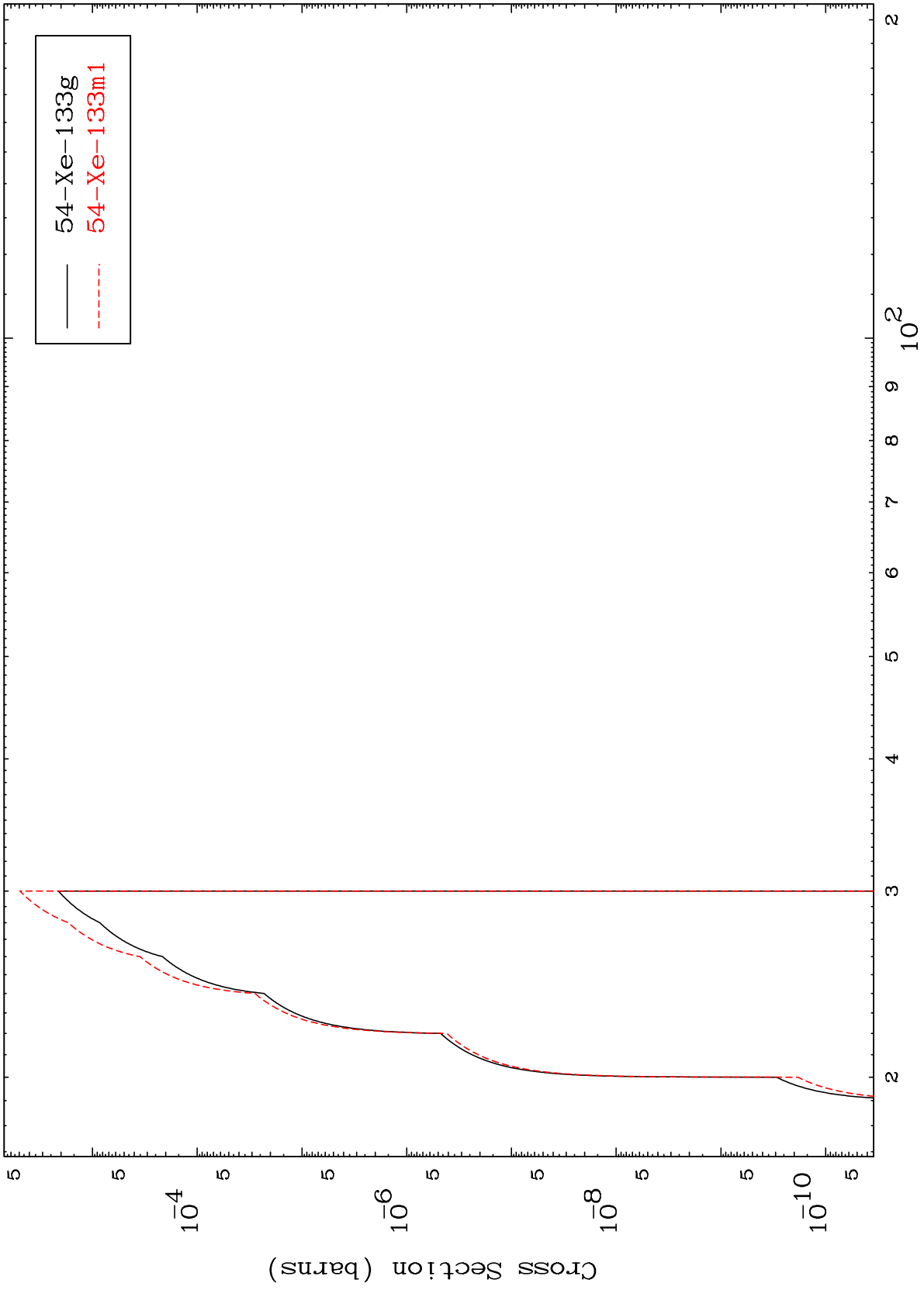
54-Xe-134

MAT 5455

(t,3n) p

54-Xe-134

Radionuclide Production Cross Section



24

Incident Energy (MeV)

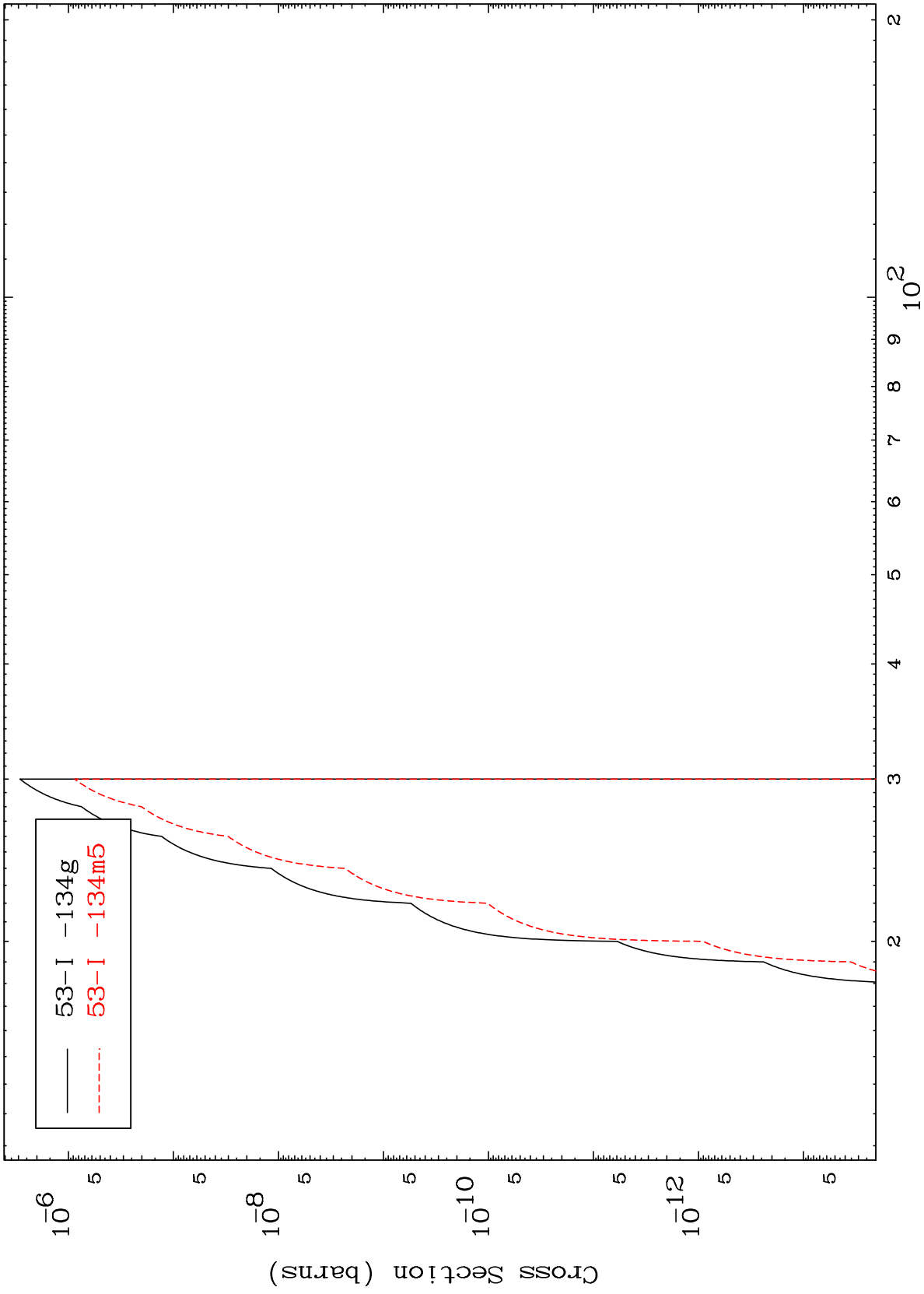
54-Xe-134

MAT 5455

(t,2n) p

54-Xe-134

Radionuclide Production Cross Section



25

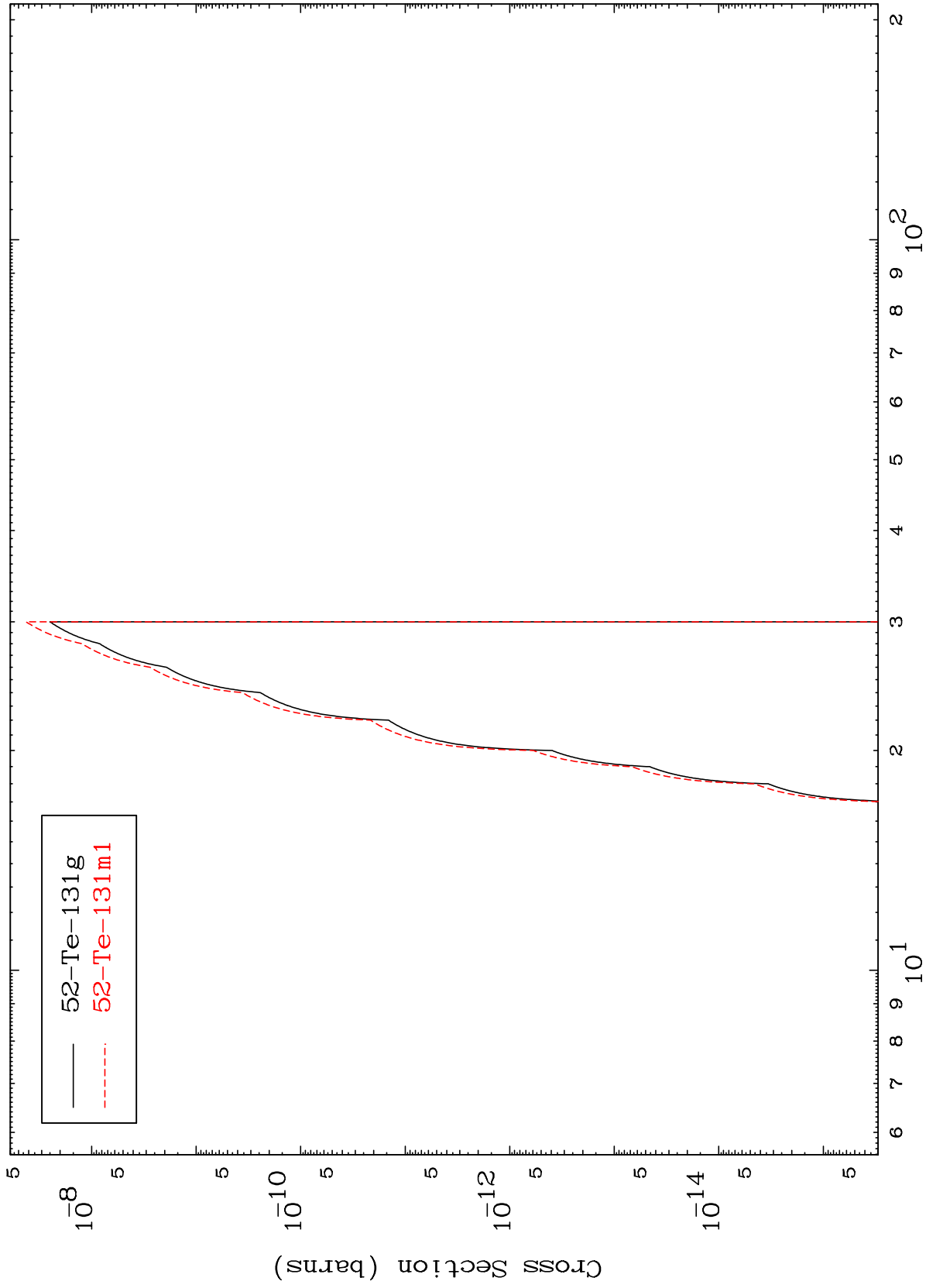
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(t,n') p α
Radionuclide Production Cross Section



26

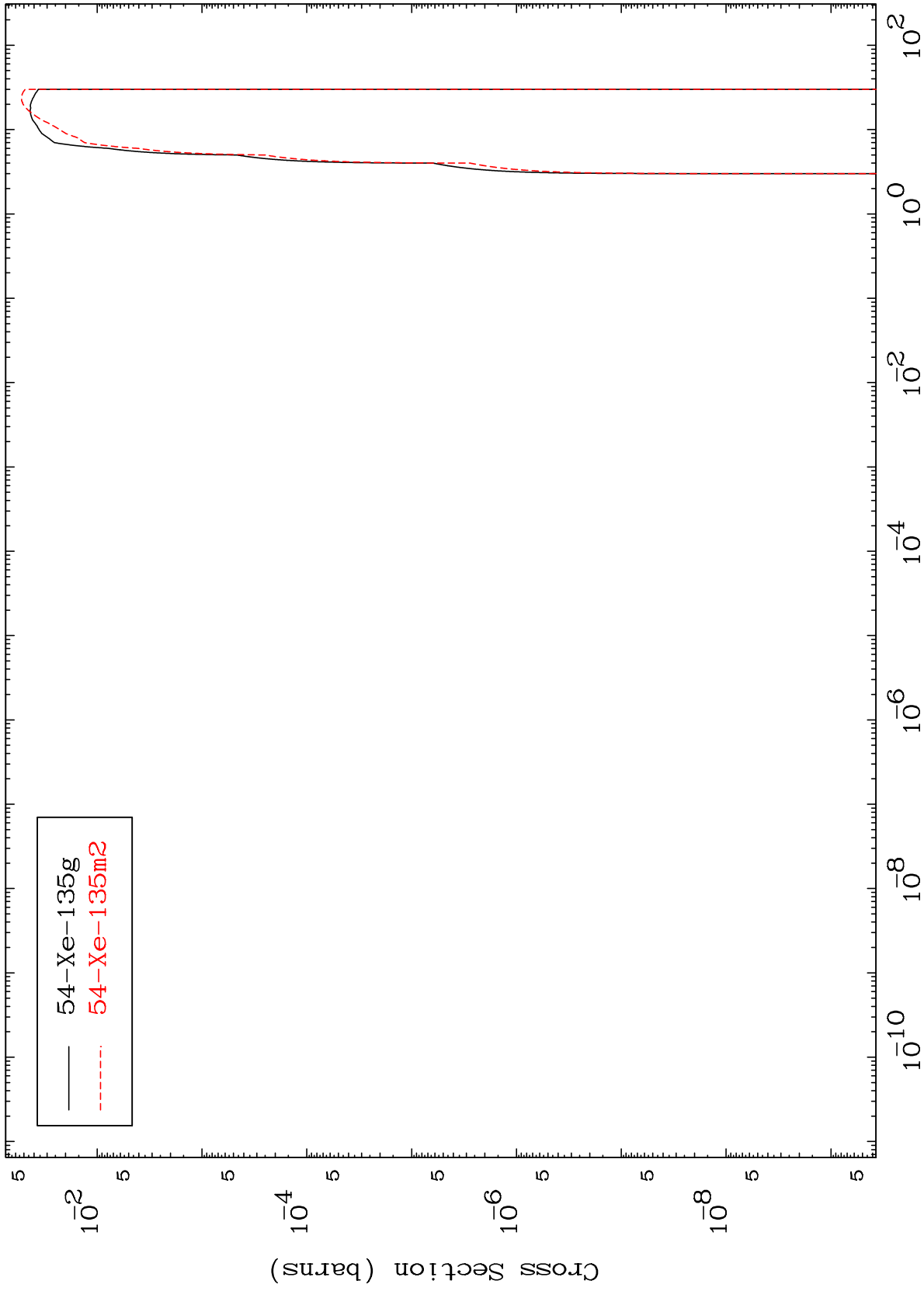
54-Xe-134

MAT 5455

(t,d)

54-Xe-134

Radionuclide Production Cross Section

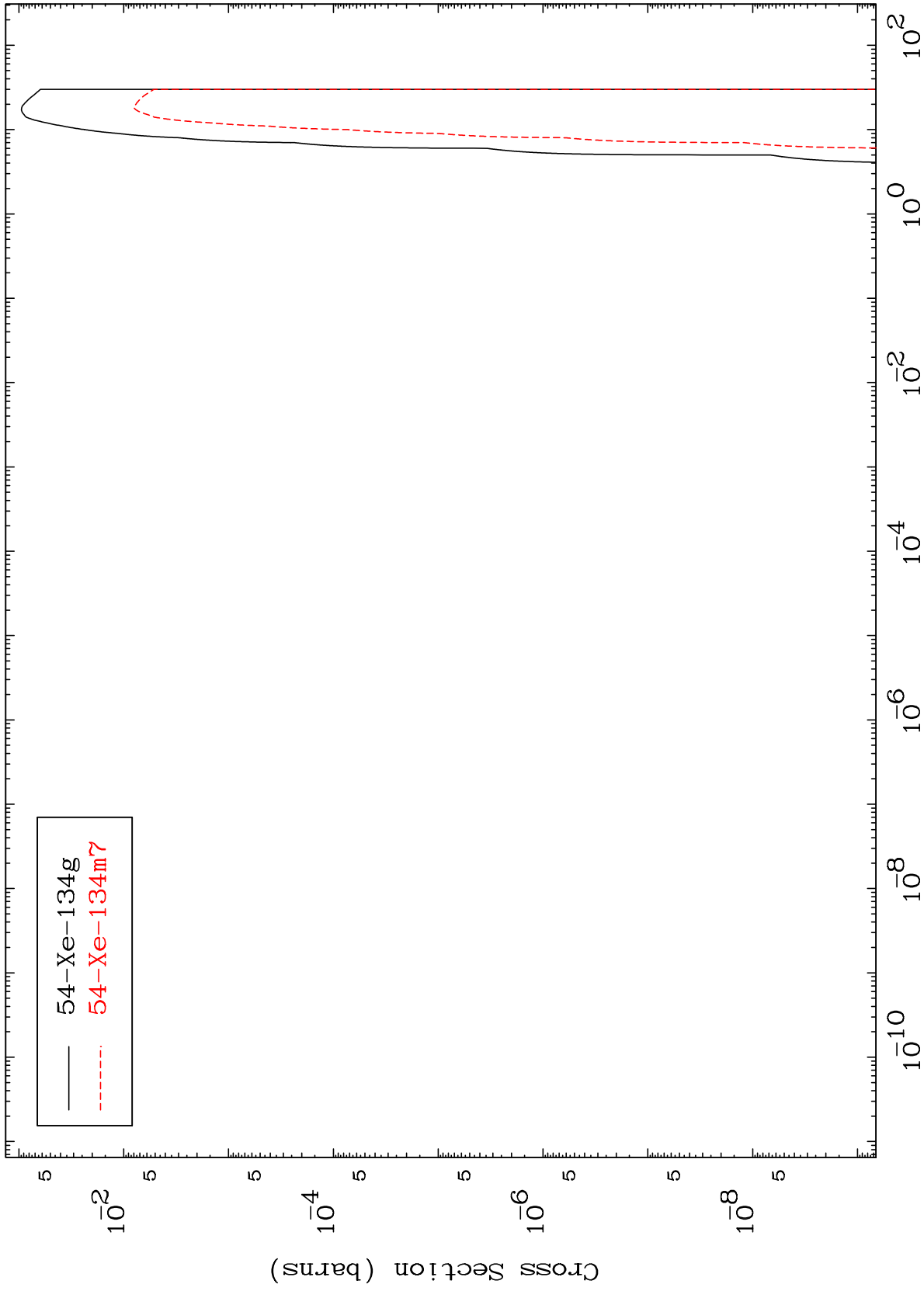


MAT 5455

(t, t)

54-Xe-134

Radionuclide Production Cross Section

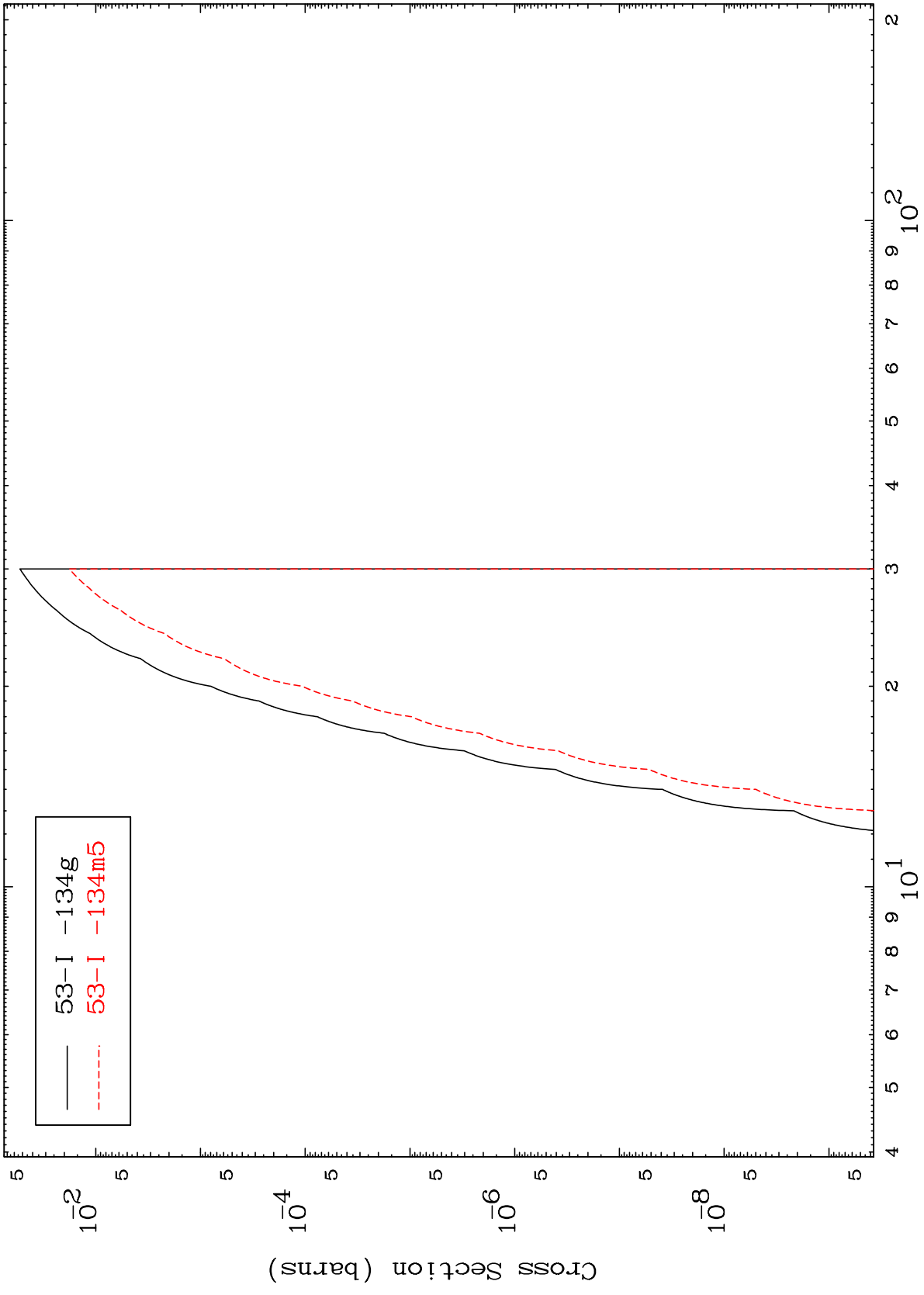


MAT 5455

(t, He-3)

54-Xe-134

Radionuclide Production Cross Section



29

Incident Energy (MeV)

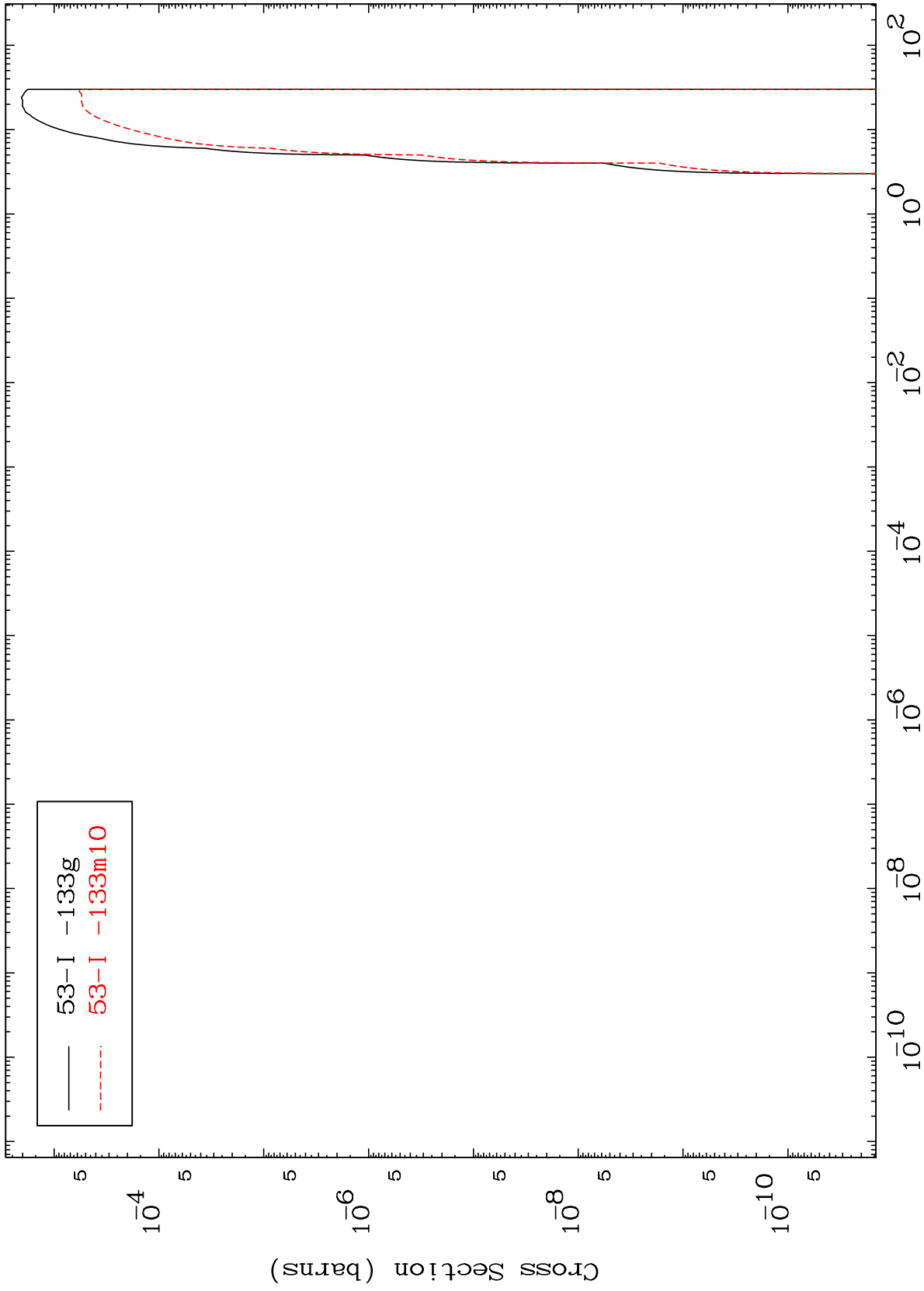
54-Xe-134

MAT 5455

(t, α)

54-Xe-134

Radionuclide Production Cross Section



30

Incident Energy (MeV)

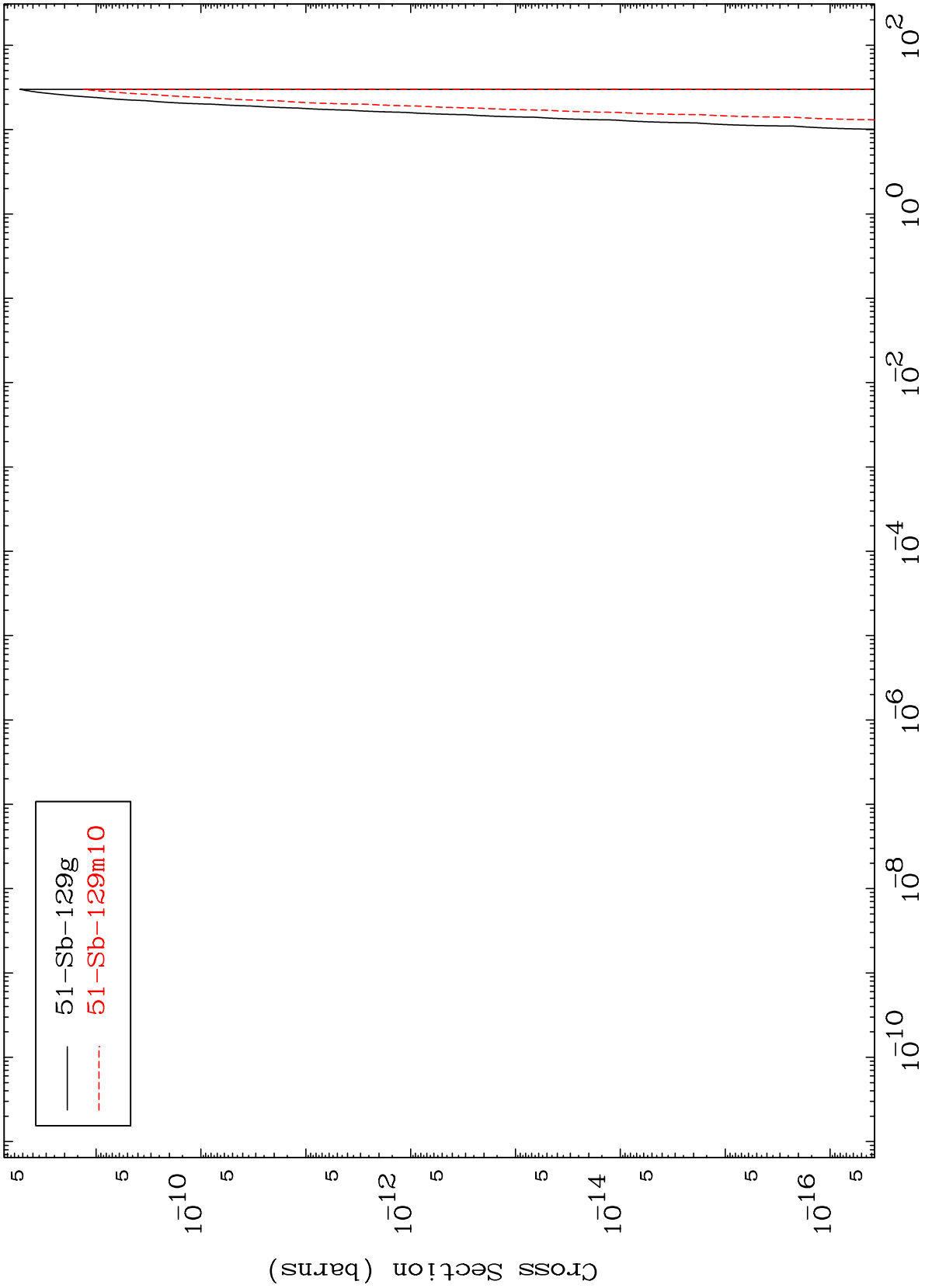
54-Xe-134

MAT 5455

(t,2α)

54-Xe-134

Radionuclide Production Cross Section

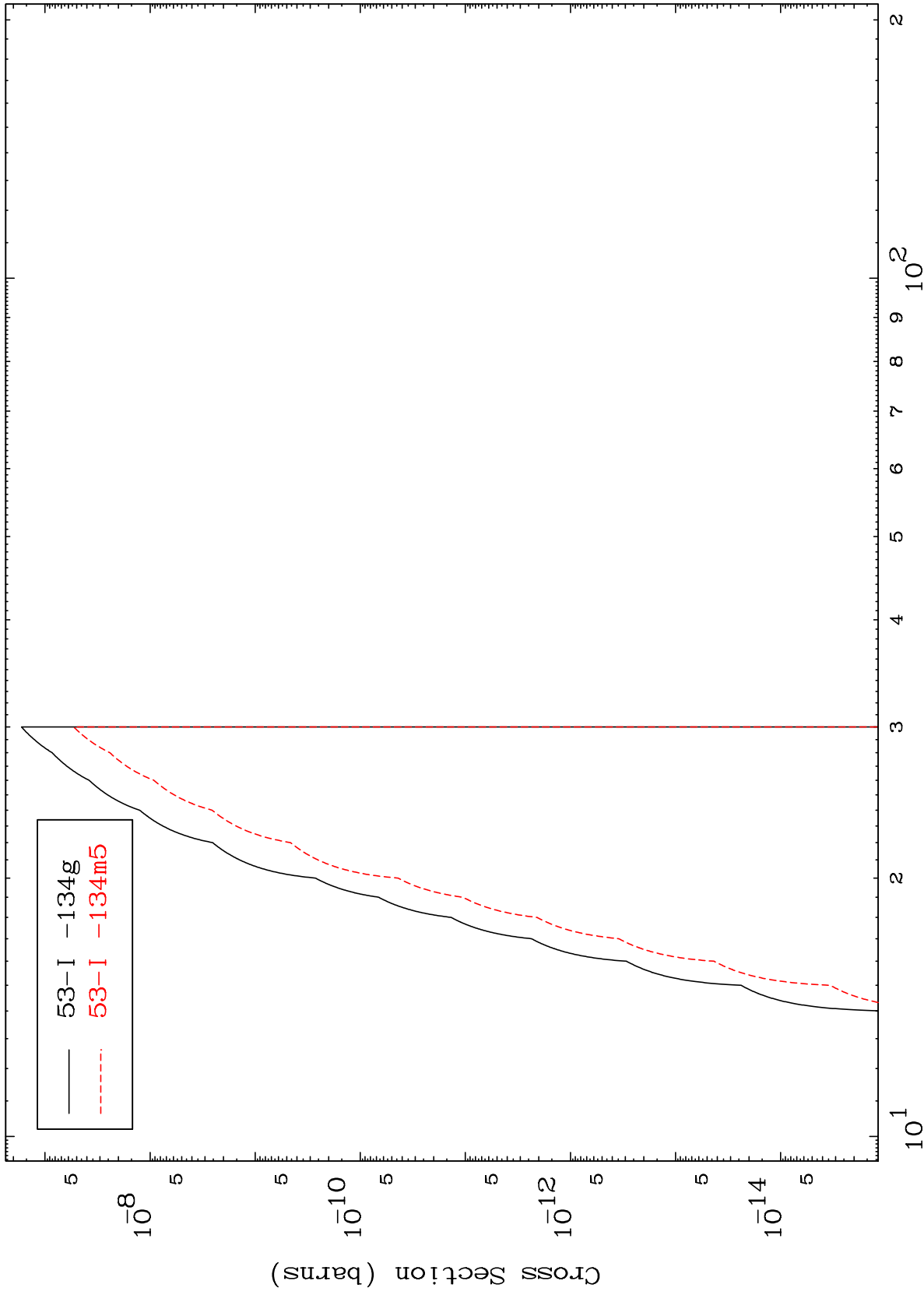


MAT 5455

(t,p) d

54-Xe-134

Radionuclide Production Cross Section



32

Incident Energy (MeV)

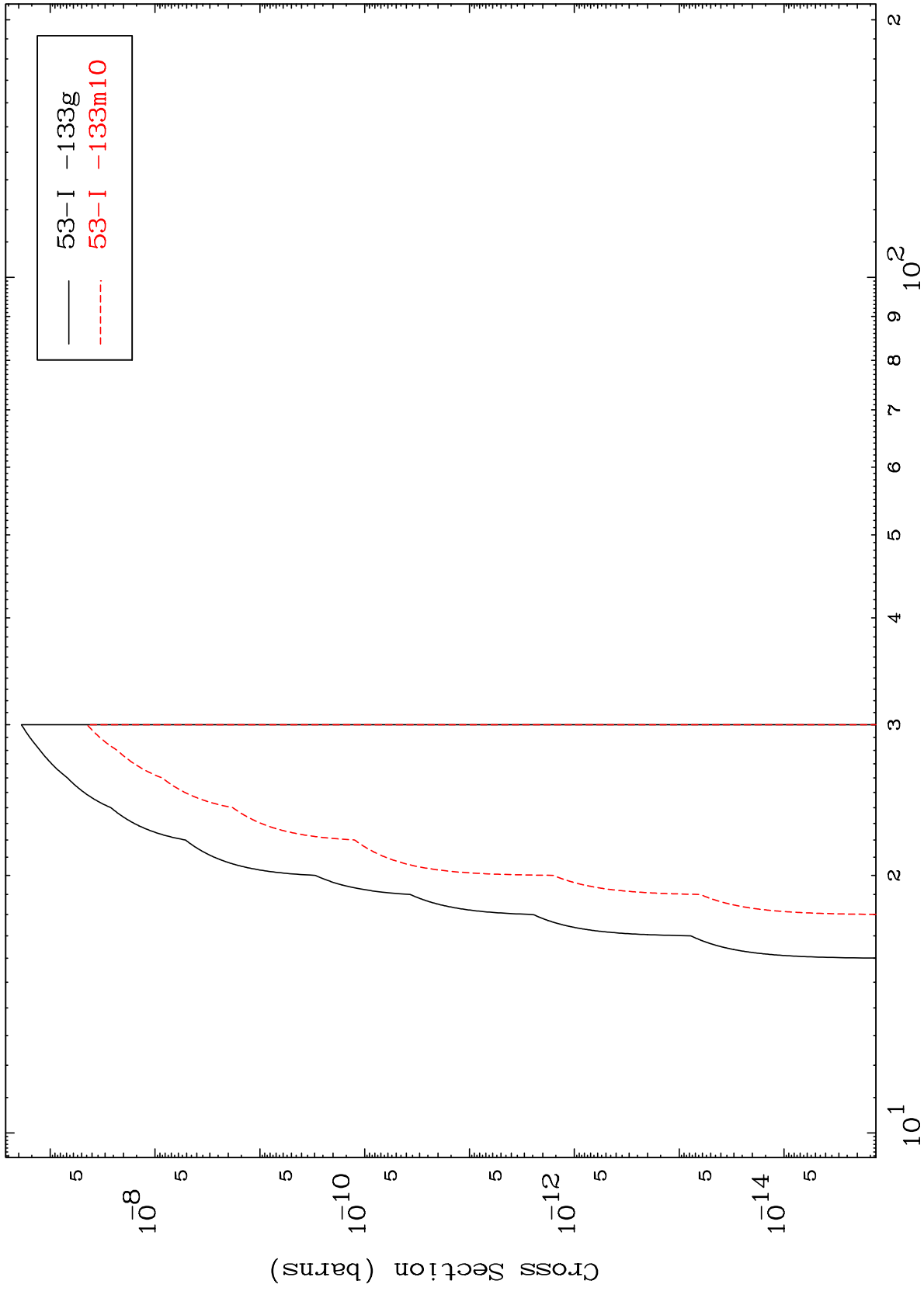
54-Xe-134

MAT 5455

(t,p) t

Radionuclide Production Cross Section

54-Xe-134



33

Incident Energy (MeV)

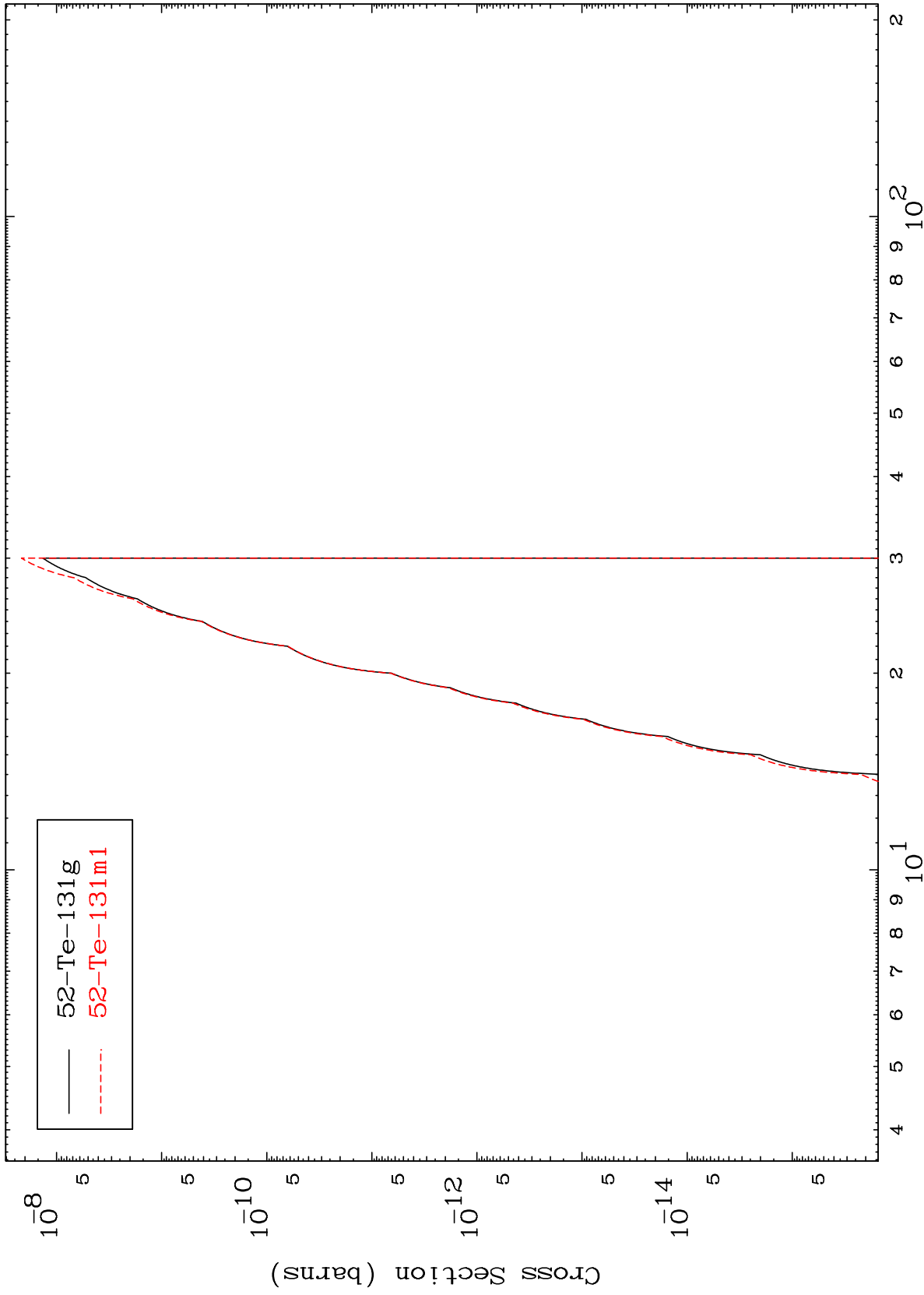
54-Xe-134

MAT 5455

(t,d) α

54-Xe-134

Radionuclide Production Cross Section



34

Incident Energy (MeV)

54-Xe-134