

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

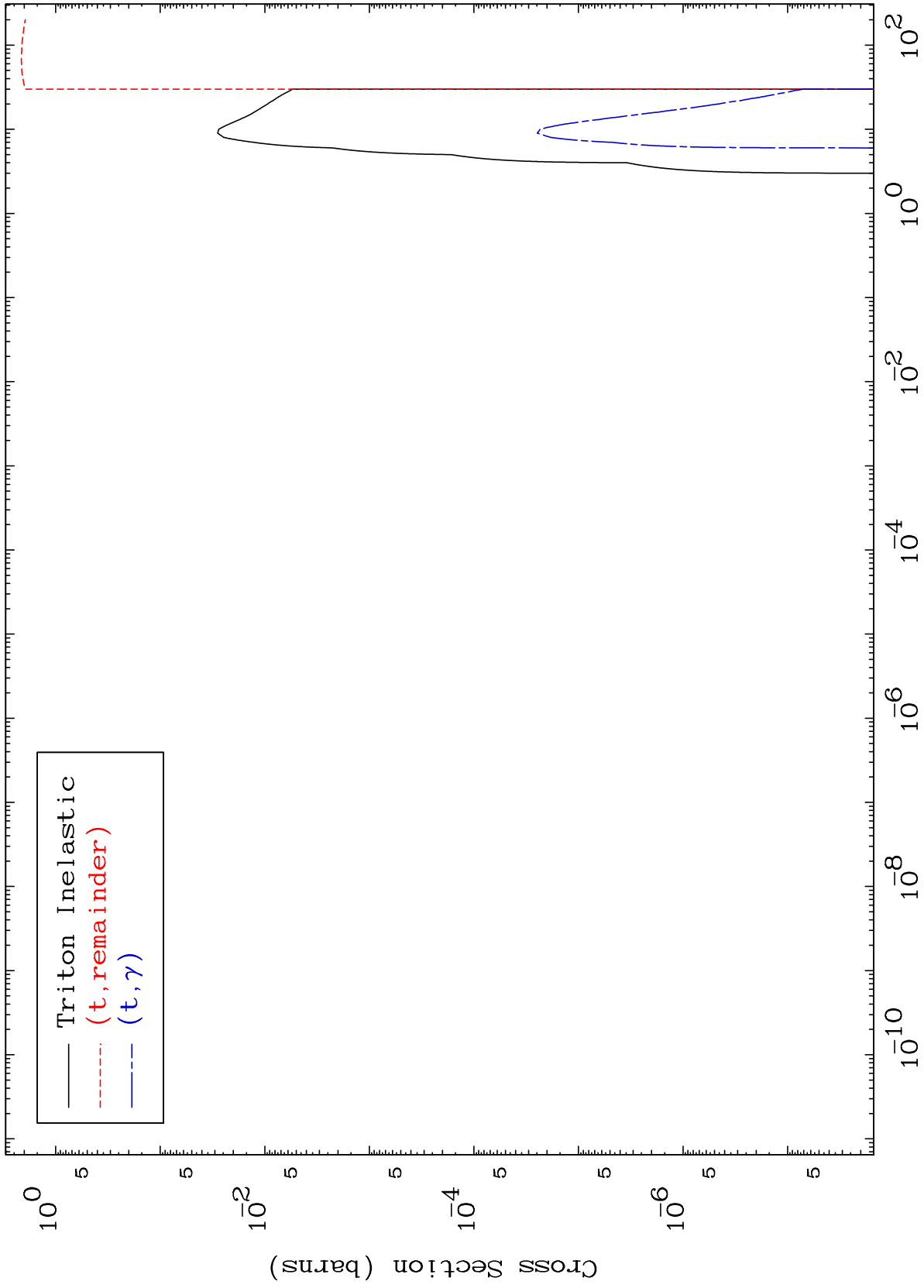
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5437

Triton Major  
0 Kelvin Cross Sections

54-Xe-128



54-Xe-128

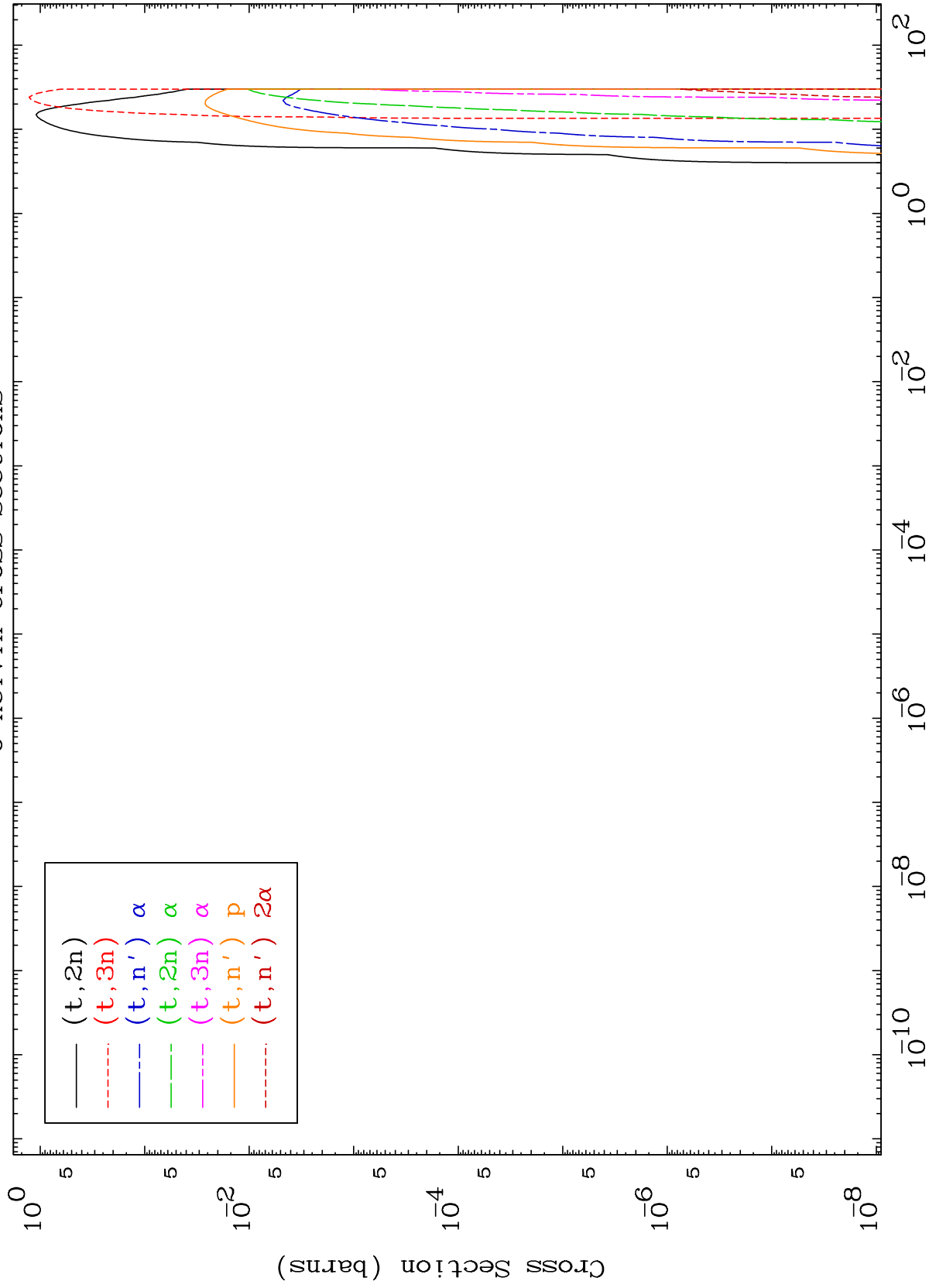
Incident Energy (MeV)

1

MAT 5437

Triton Neutron Production  
0 Kelvin Cross Sections

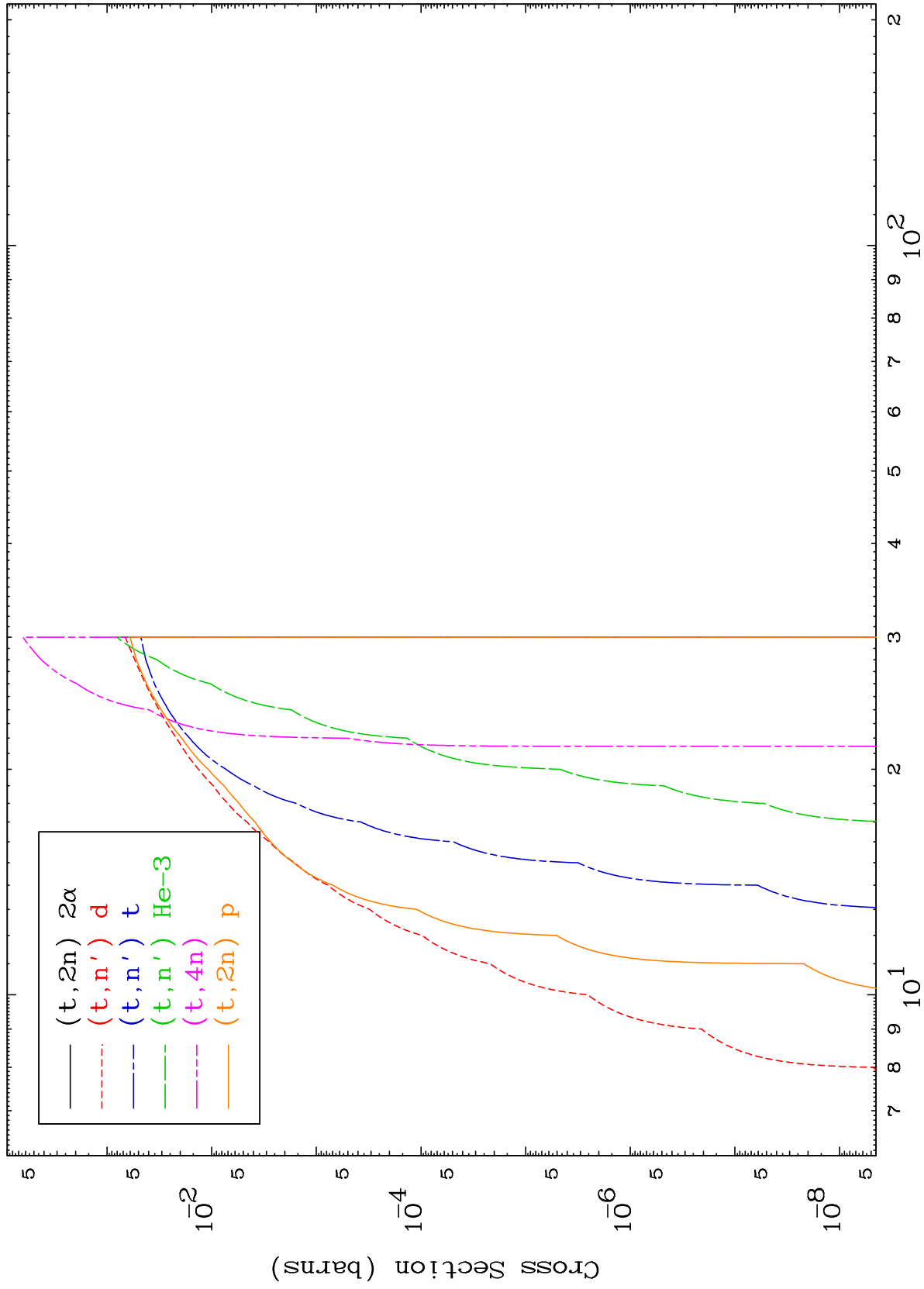
54-Xe-128



2

Incident Energy (MeV)

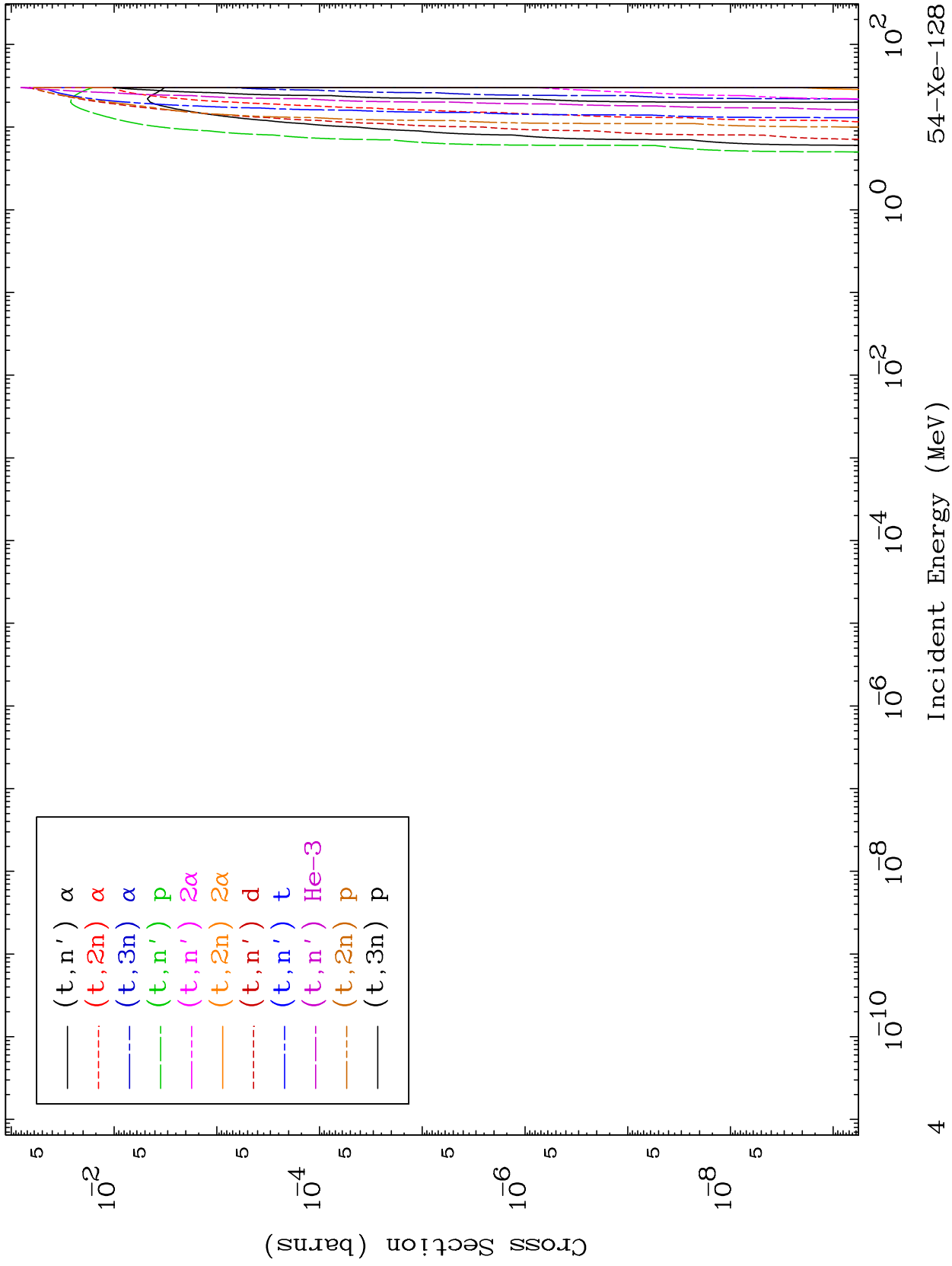
54-Xe-128



MAT 5437

Triton Charged Particle  
0 Kelvin Cross Sections

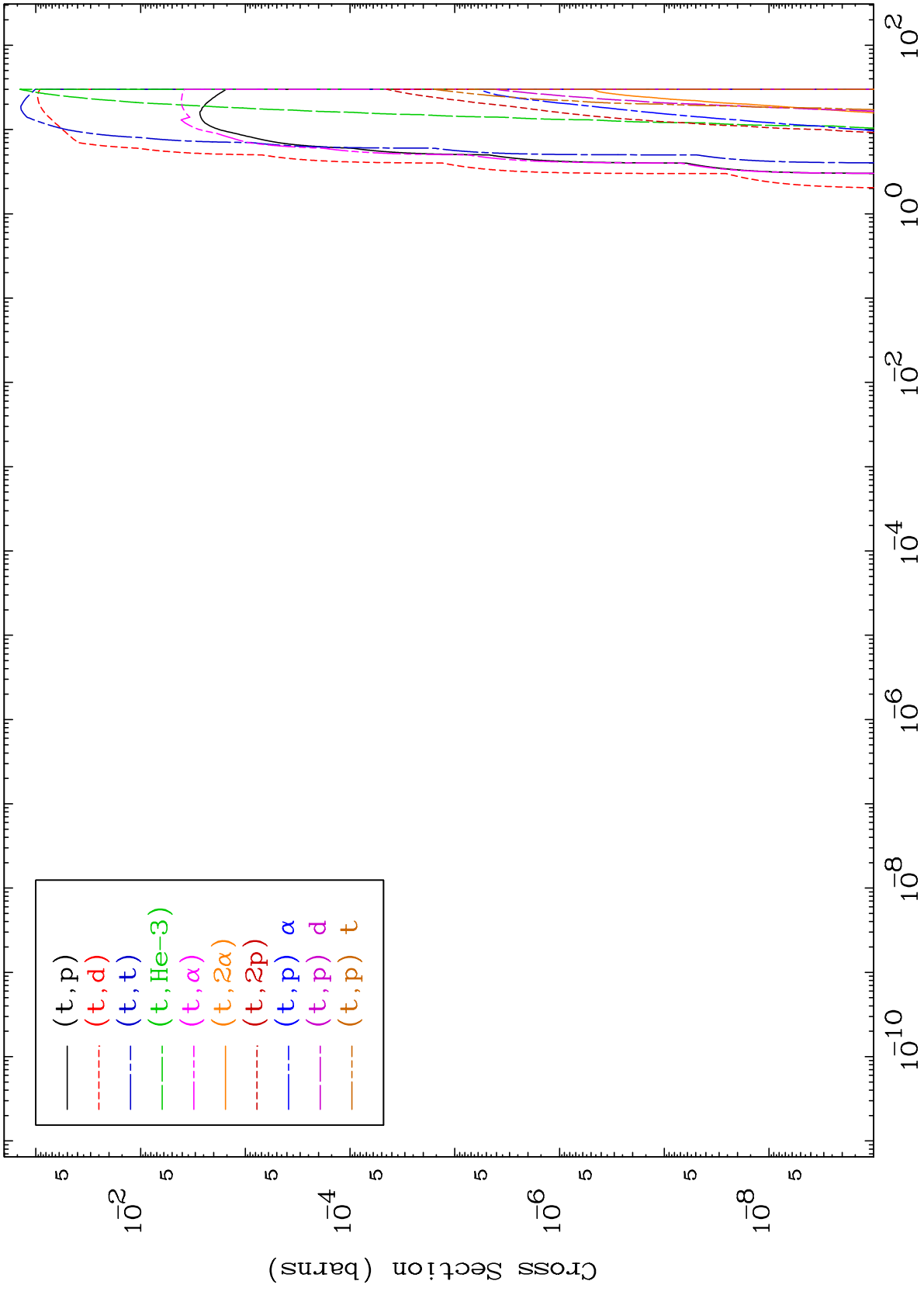
54-Xe-128



MAT 5437

Triton Charged Particle  
0 Kelvin Cross Sections

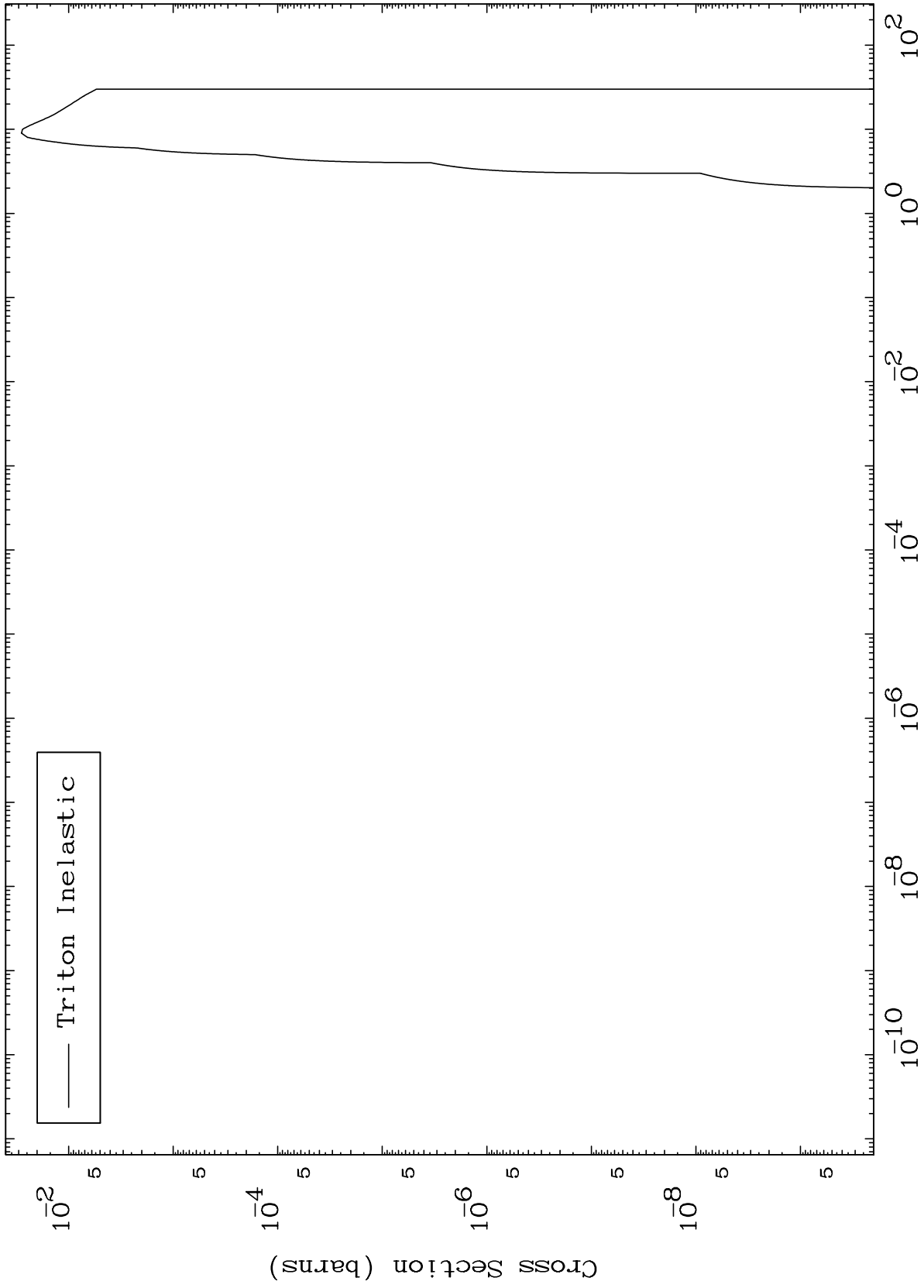
54-Xe-128



MAT 5437

(t,n') Level  
0 Kelvin Cross Sections

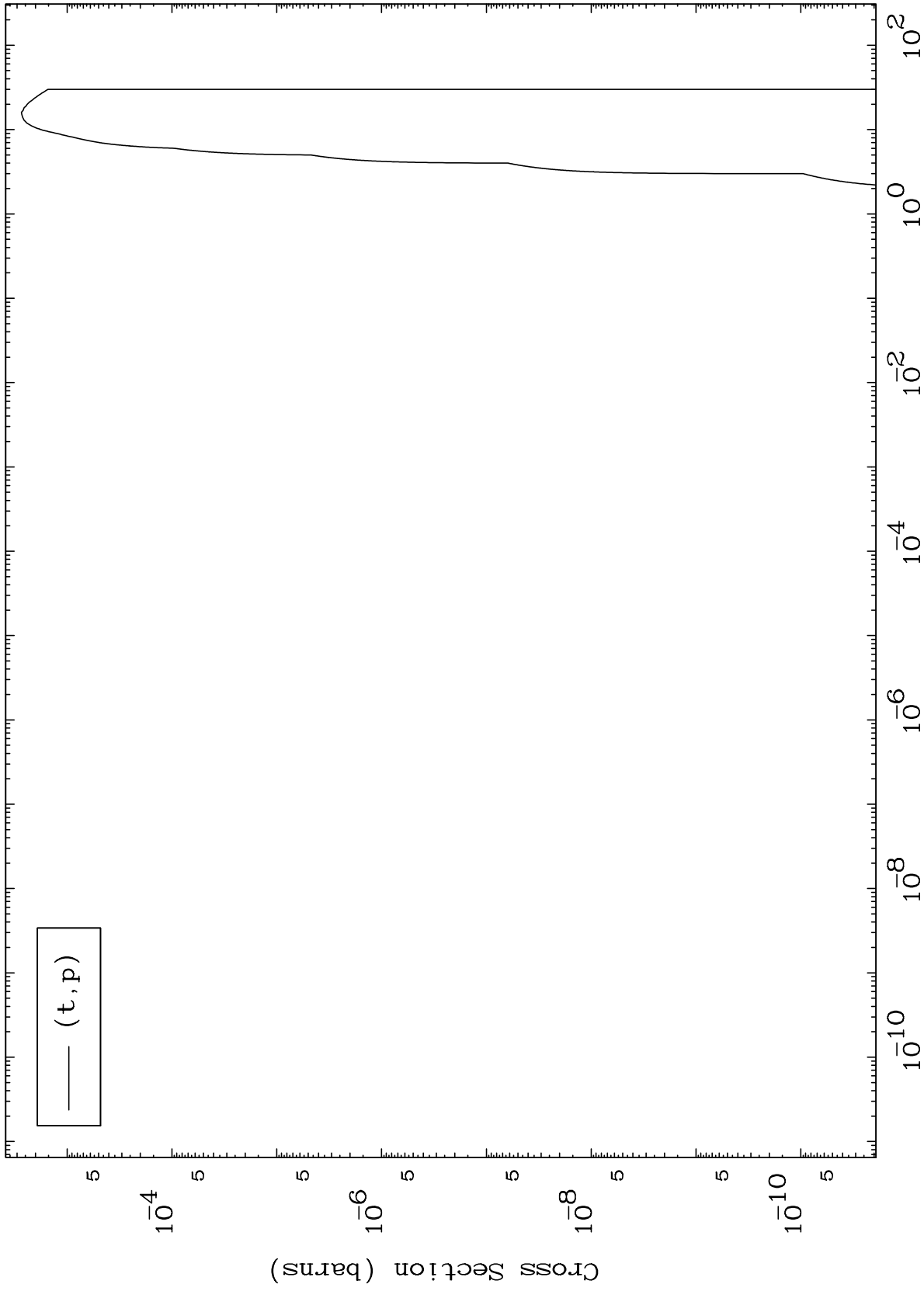
54-Xe-128



MAT 5437

(t,p) Levels  
0 Kelvin Cross Sections

54-Xe-128



7

Incident Energy (MeV)

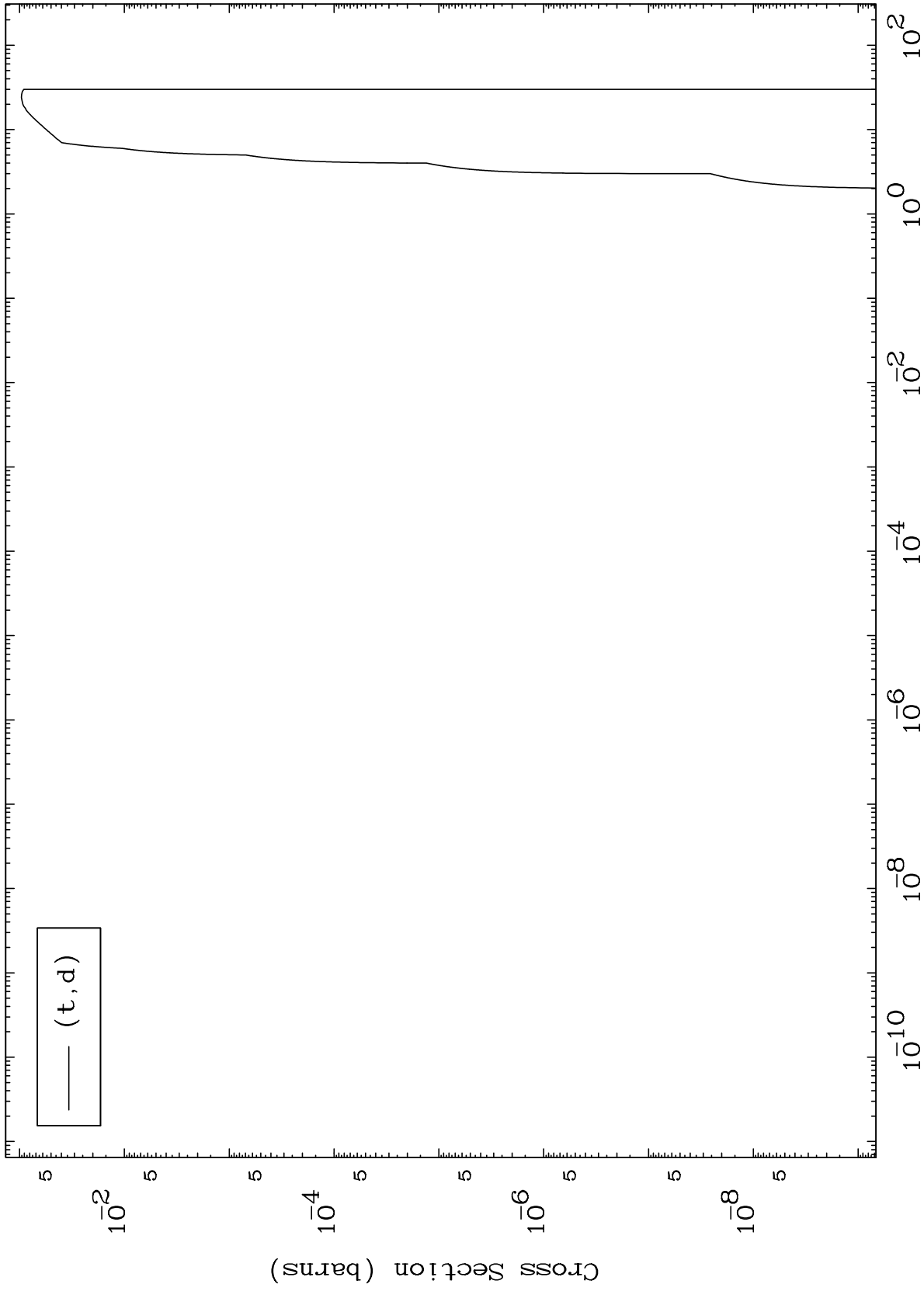
54-Xe-128



MAT 5437

(t,d) Levels  
0 Kelvin Cross Sections

54-Xe-128



8

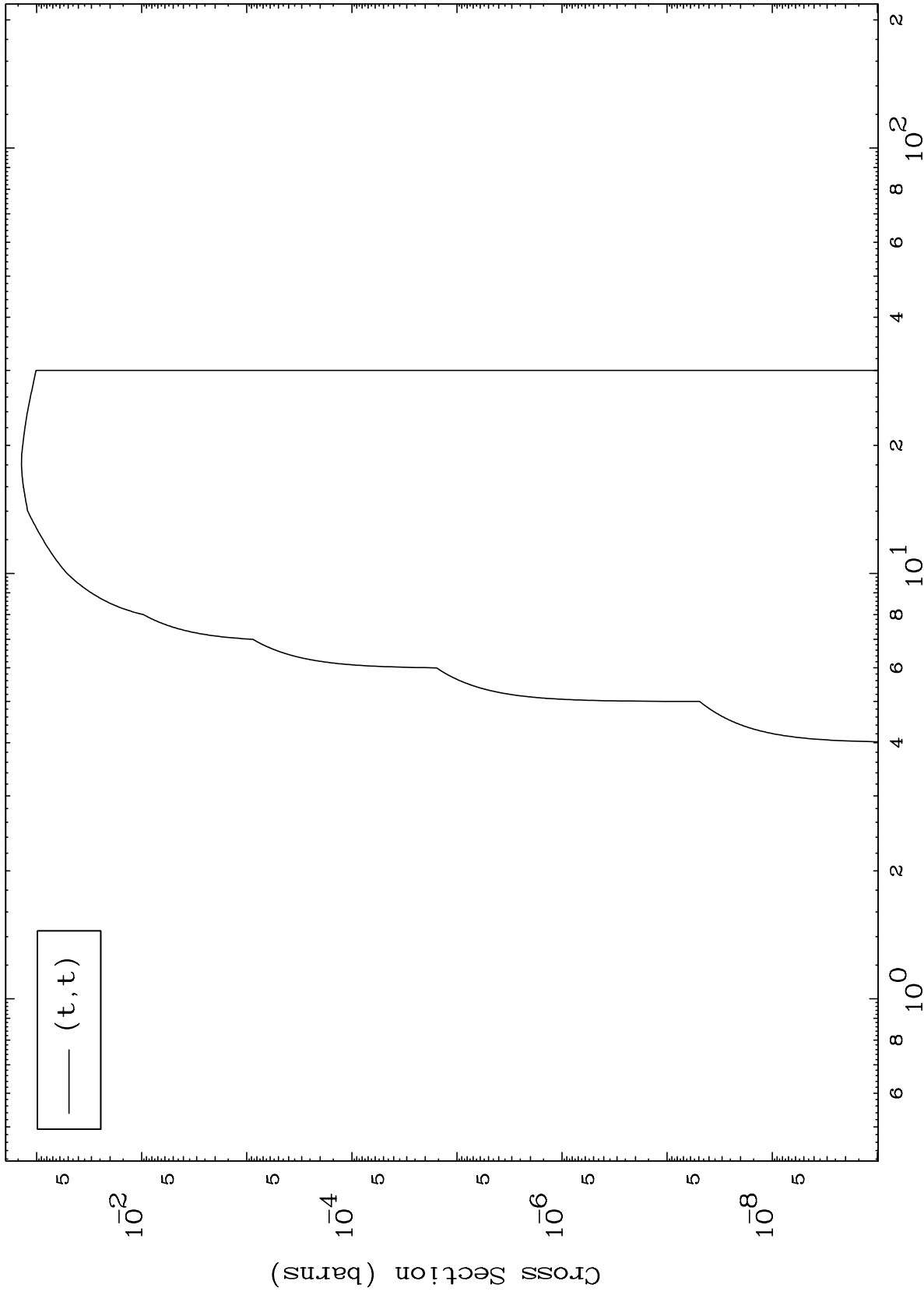
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,t) Levels  
0 Kelvin Cross Sections

54-Xe-128



9

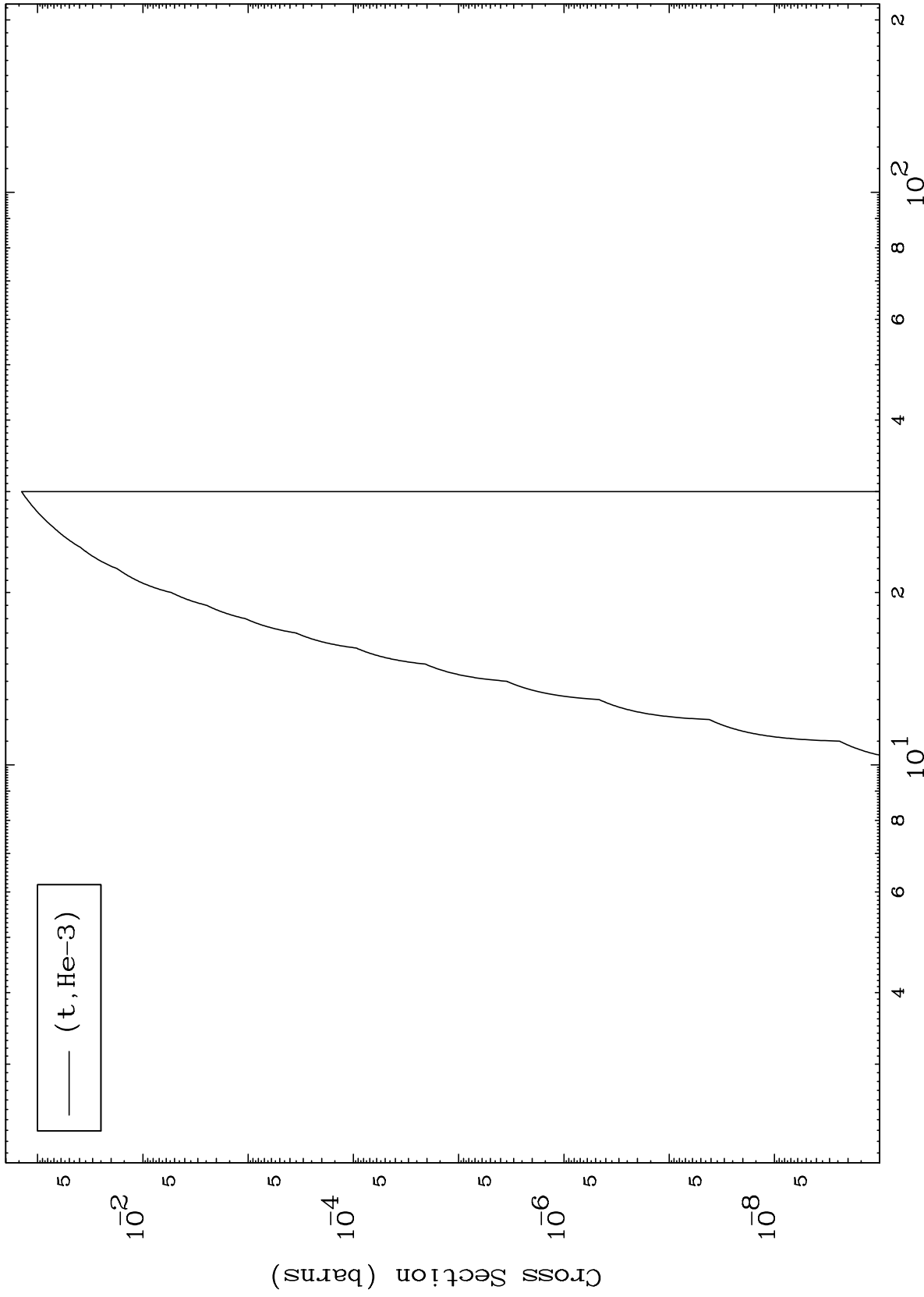
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,He3) Levels  
0 Kelvin Cross Sections

54-Xe-128



10

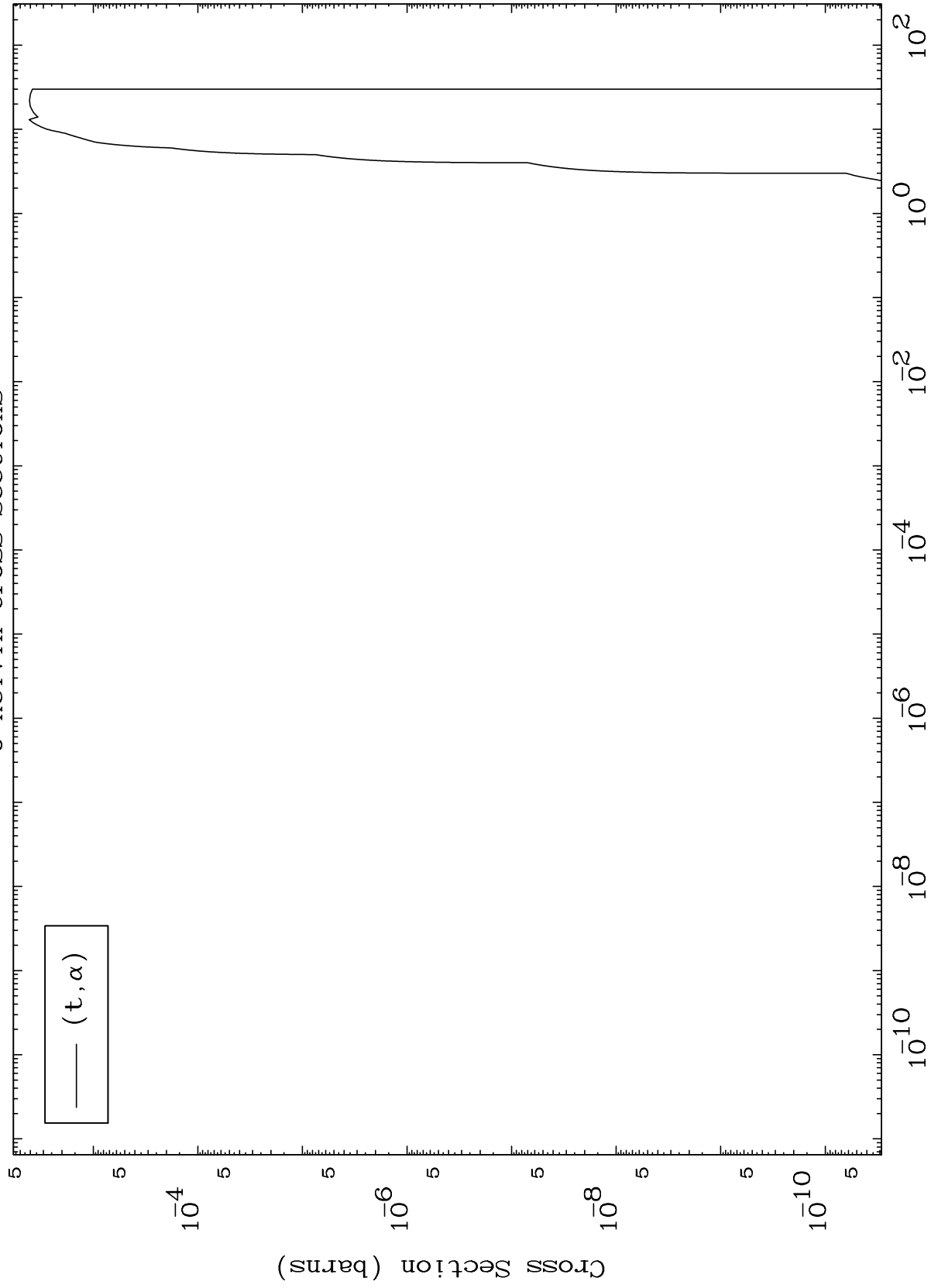
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,α) Levels  
0 Kelvin Cross Sections

54-Xe-128



11

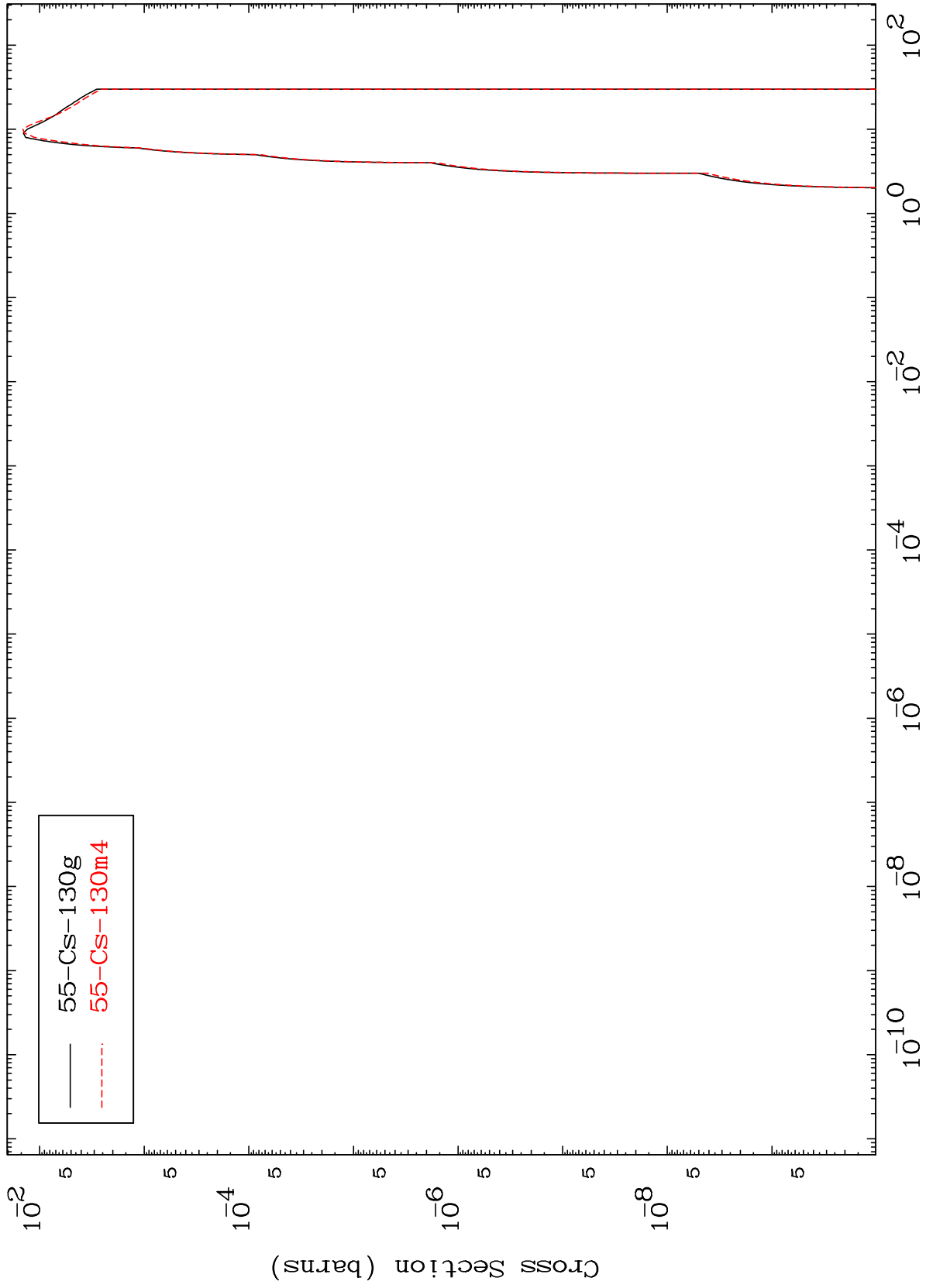
Incident Energy (MeV)

54-Xe-128

MAT 5437

Triton Inelastic  
Radionuclide Production Cross Section

54-Xe-128



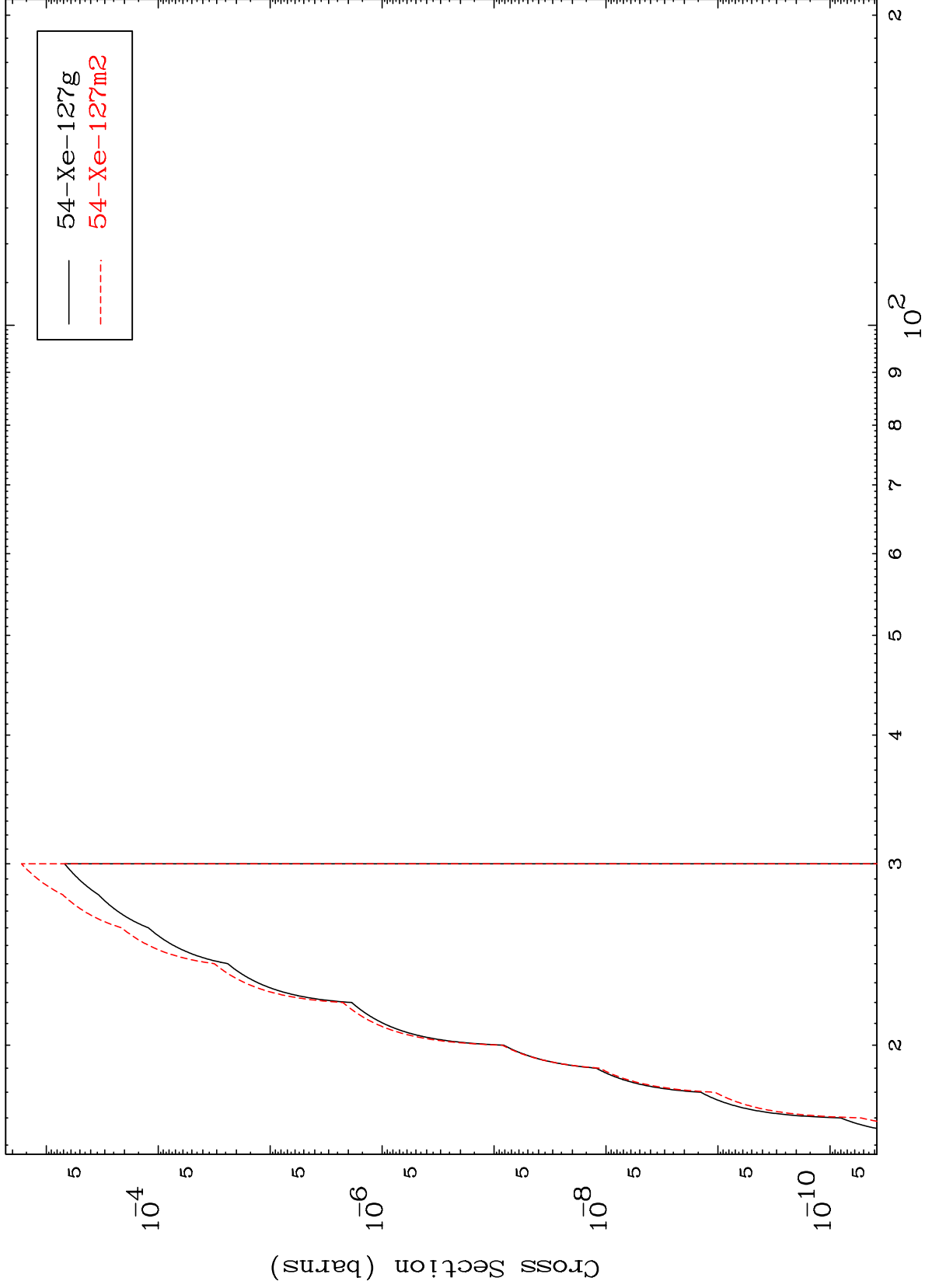
54-Xe-128

MAT 5437

(t,2n) d

54-Xe-128

Radionuclide Production Cross Section



13

Incident Energy (MeV)

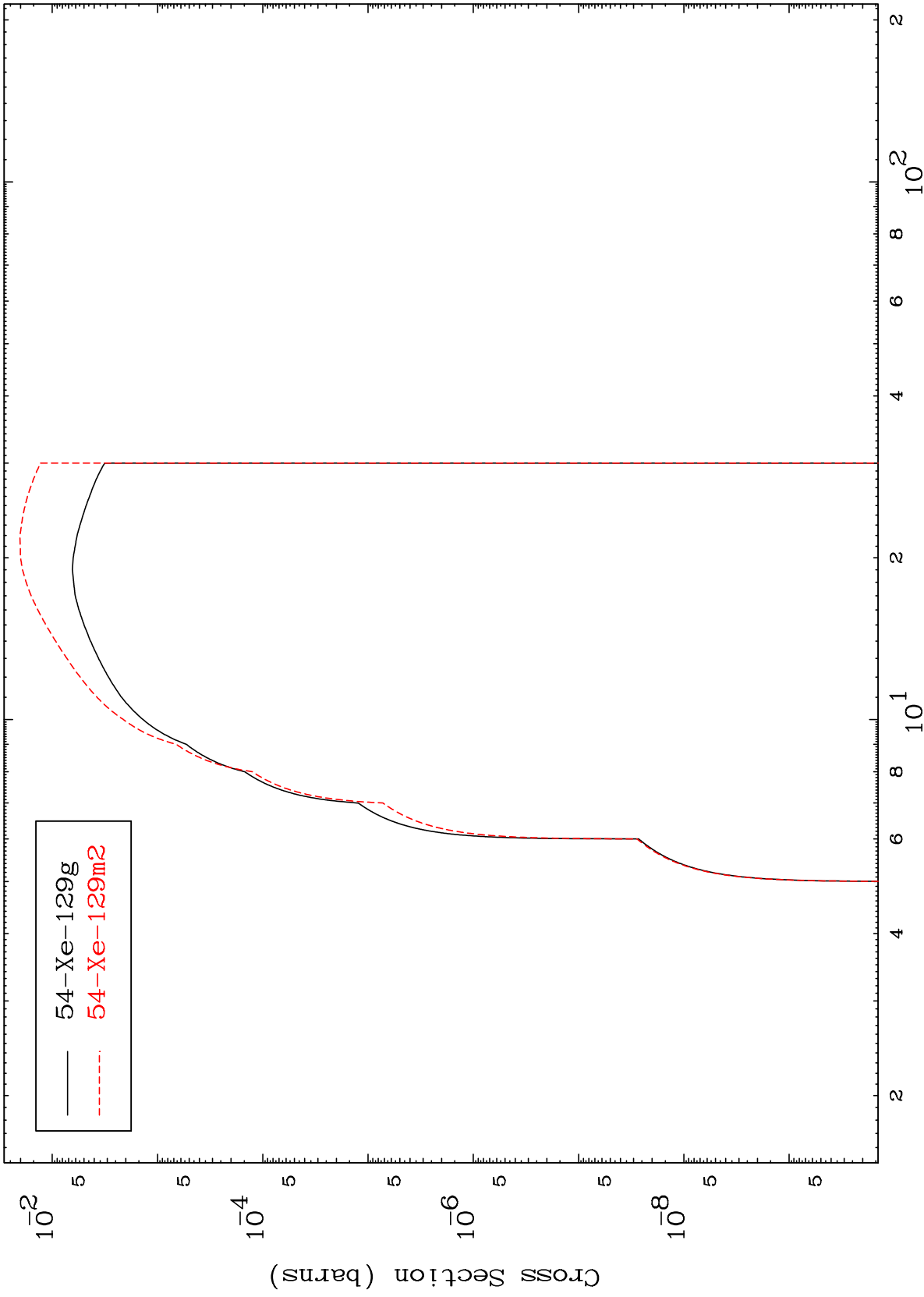
54-Xe-128

MAT 5437

(t,n') p

54-Xe-128

Radionuclide Production Cross Section



54-Xe-129g  
54-Xe-129m2

14

Incident Energy (MeV)

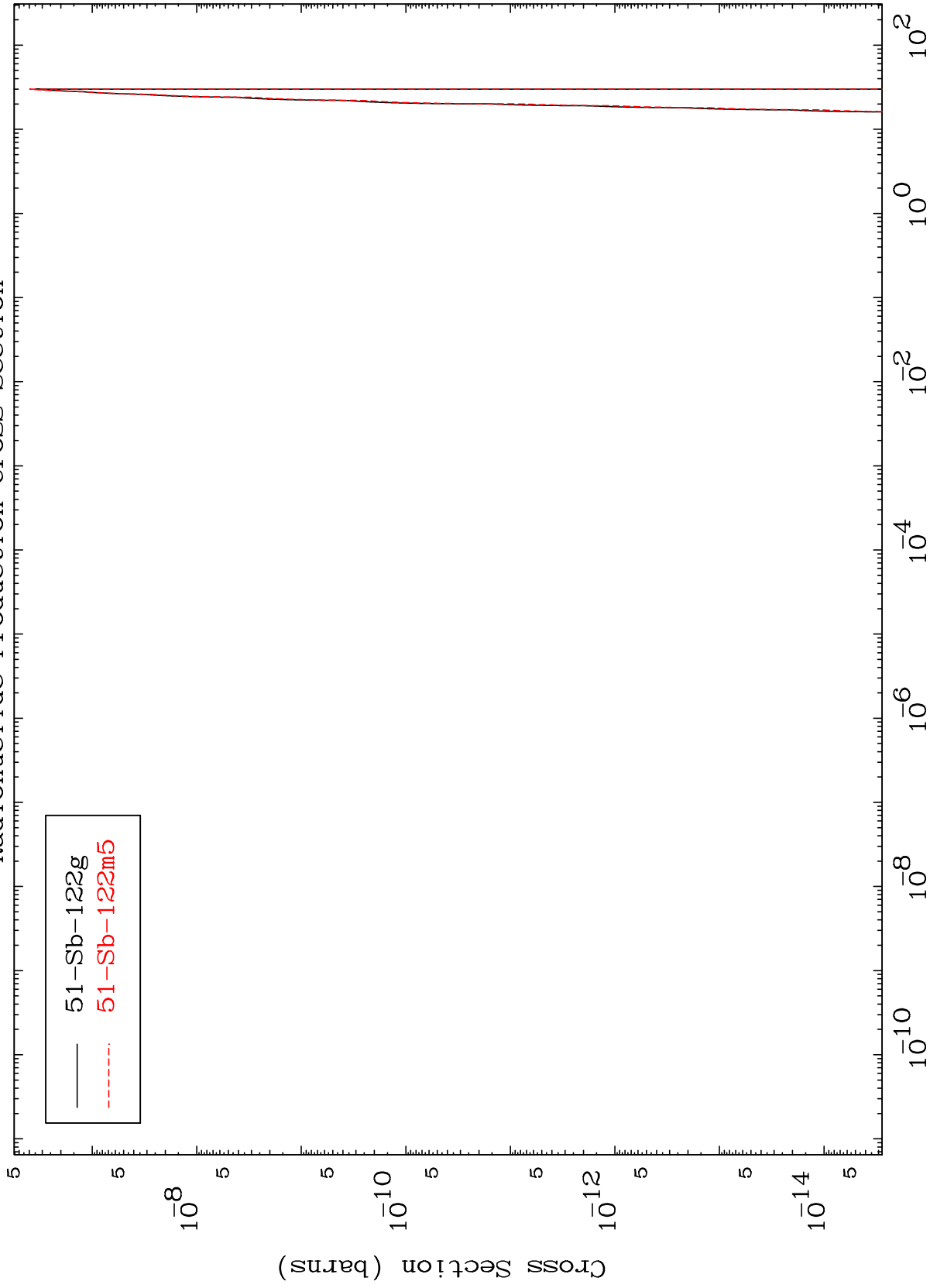
54-Xe-128

MAT 5437

(t,n') 2 $\alpha$

54-Xe-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-128

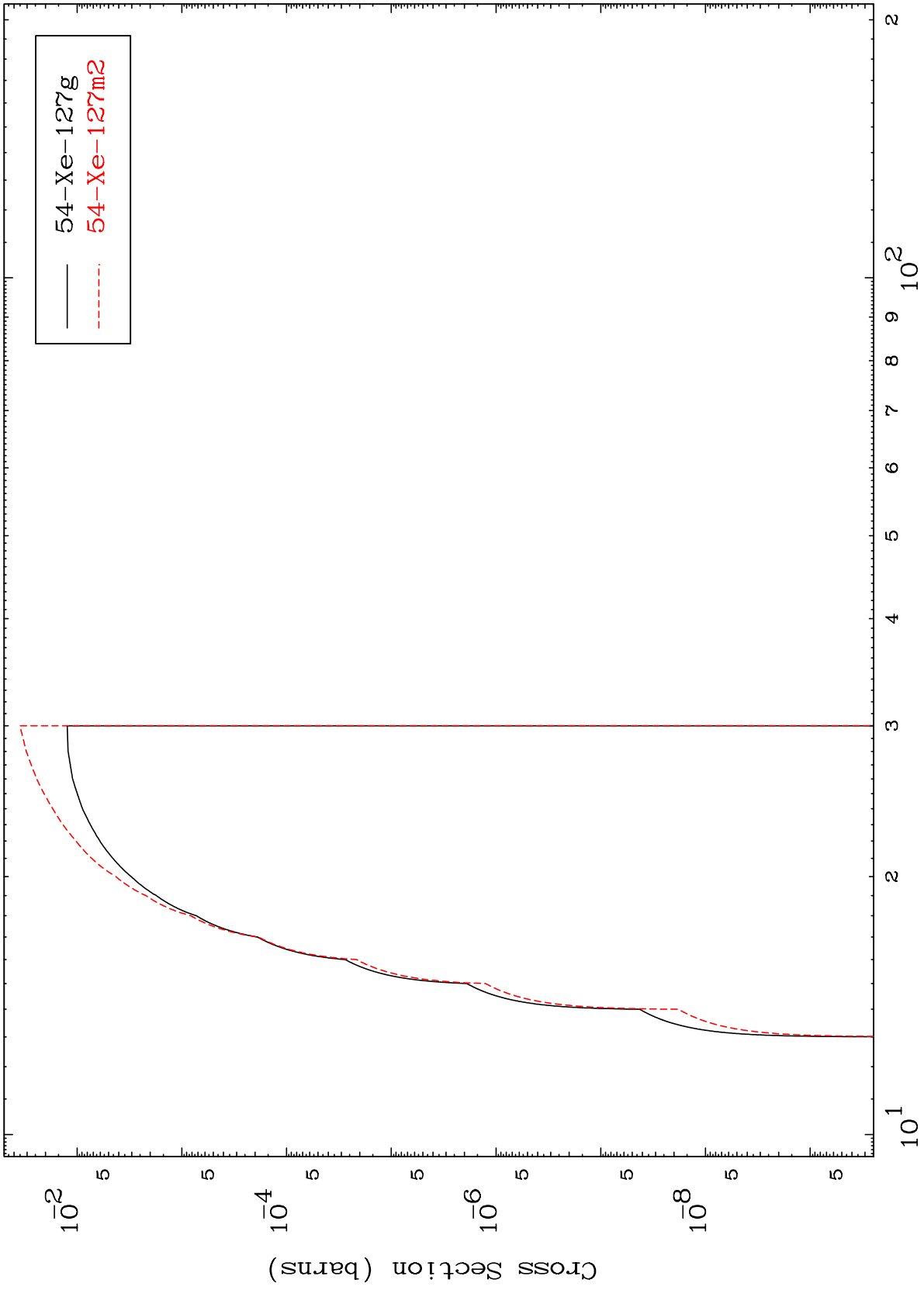


MAT 5437

(t,n') t

54-Xe-128

Radionuclide Production Cross Section



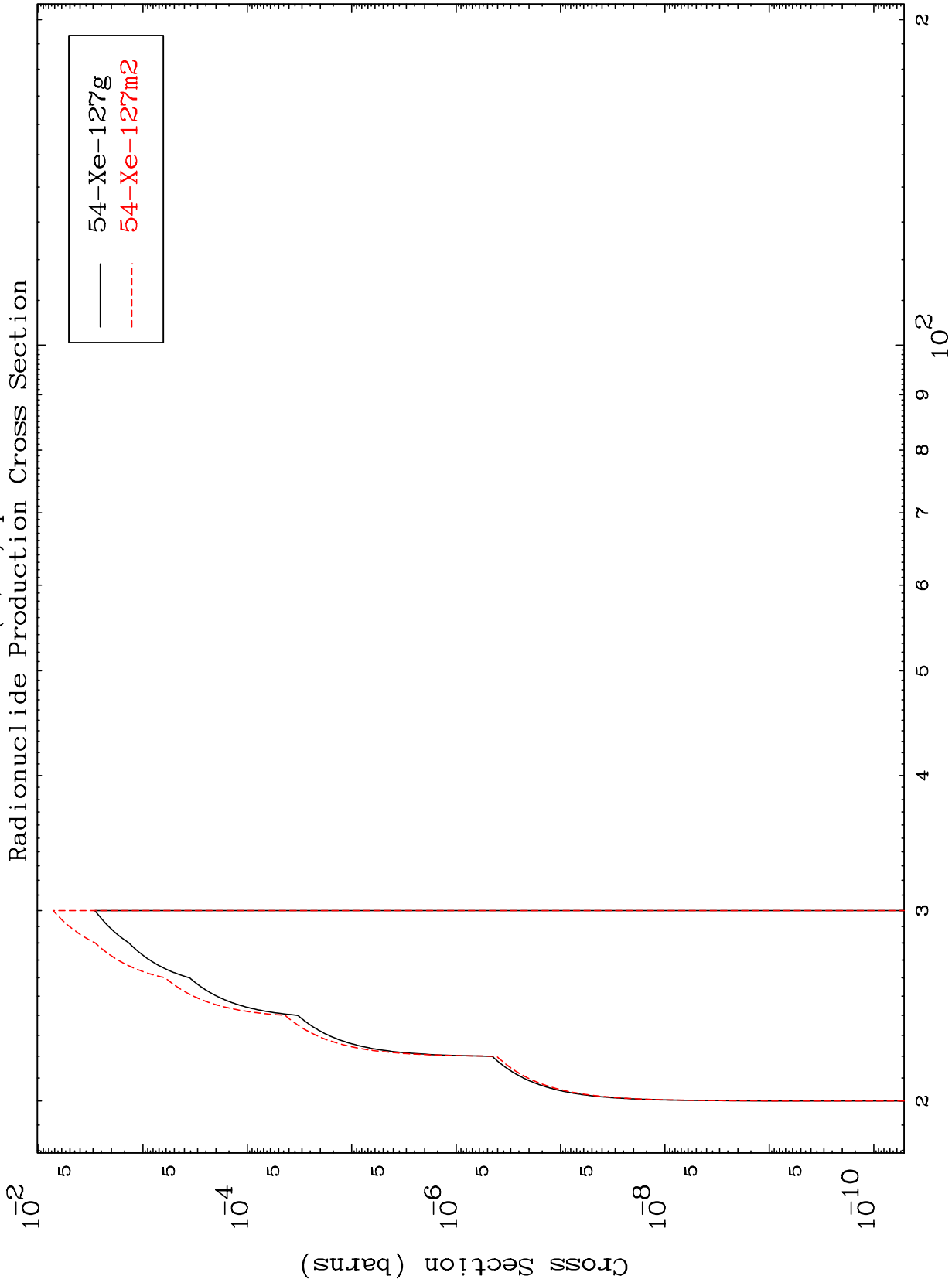
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,3n) p

54-Xe-128



17

Incident Energy (MeV)

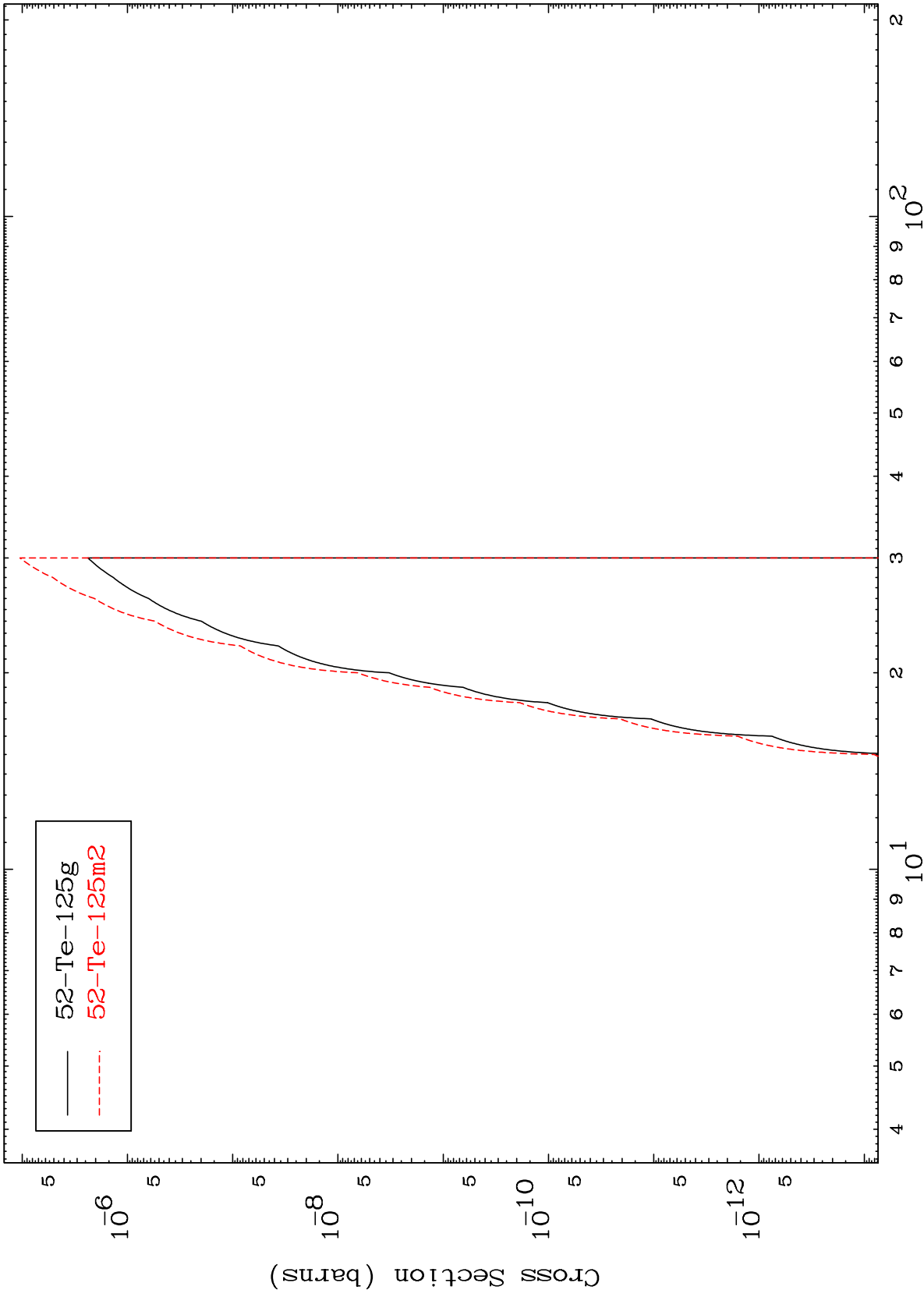
54-Xe-128

MAT 5437

(t,n') p  $\alpha$

54-Xe-128

Radionuclide Production Cross Section



18

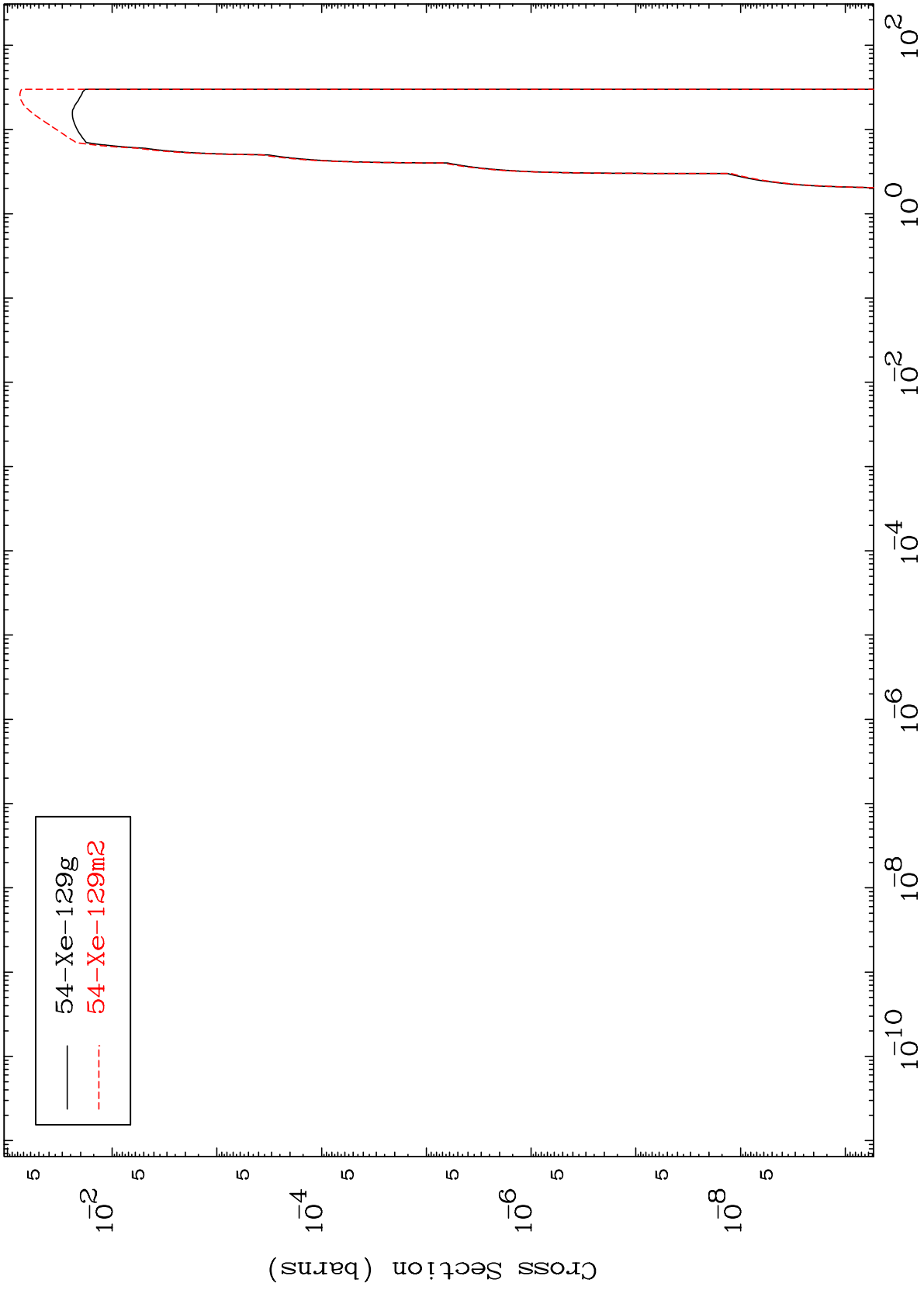
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,d)  
Radionuclide Production Cross Section

54-Xe-128



19

Incident Energy (MeV)

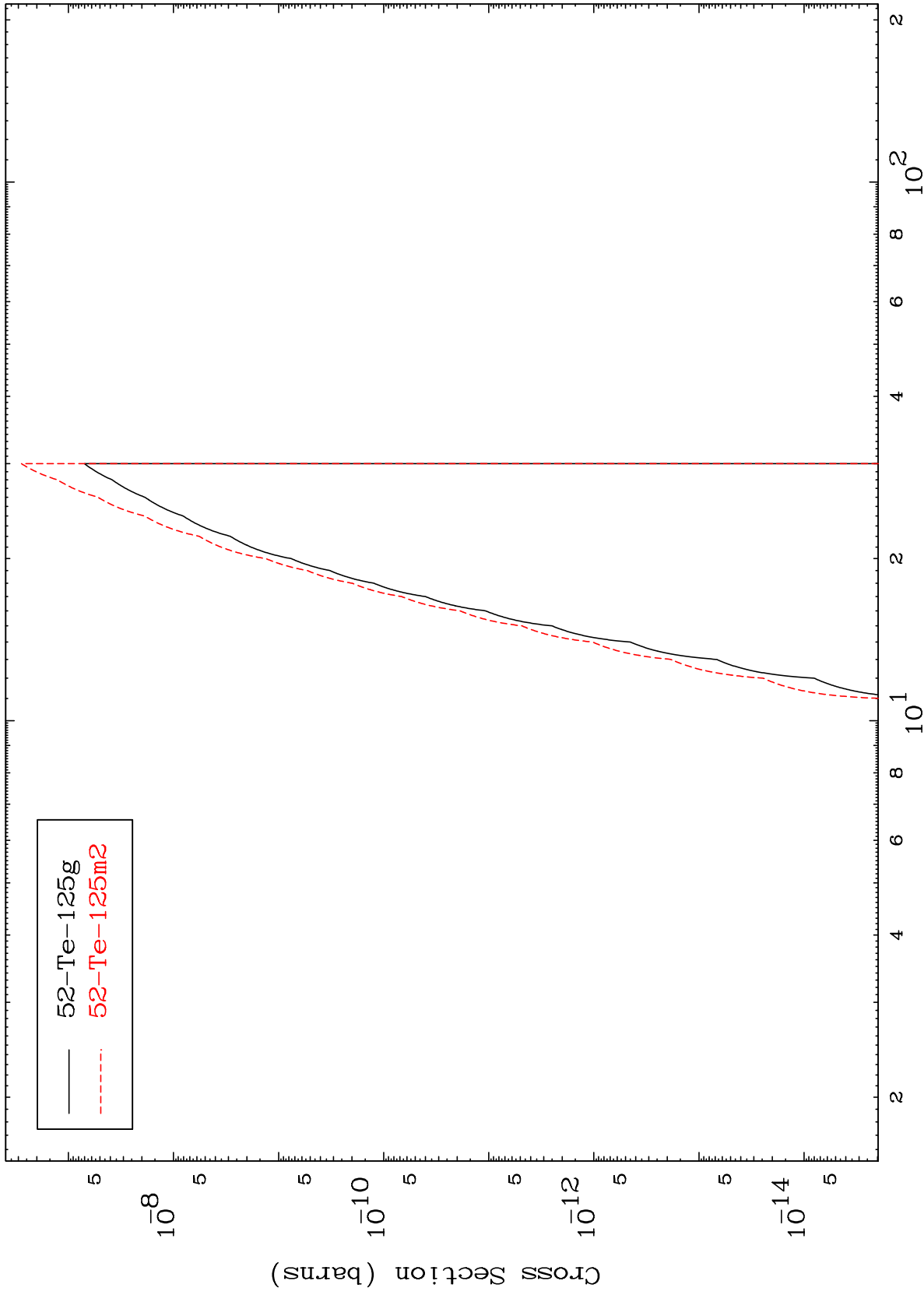
54-Xe-128

MAT 5437

(t,d)  $\alpha$

54-Xe-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-128