

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

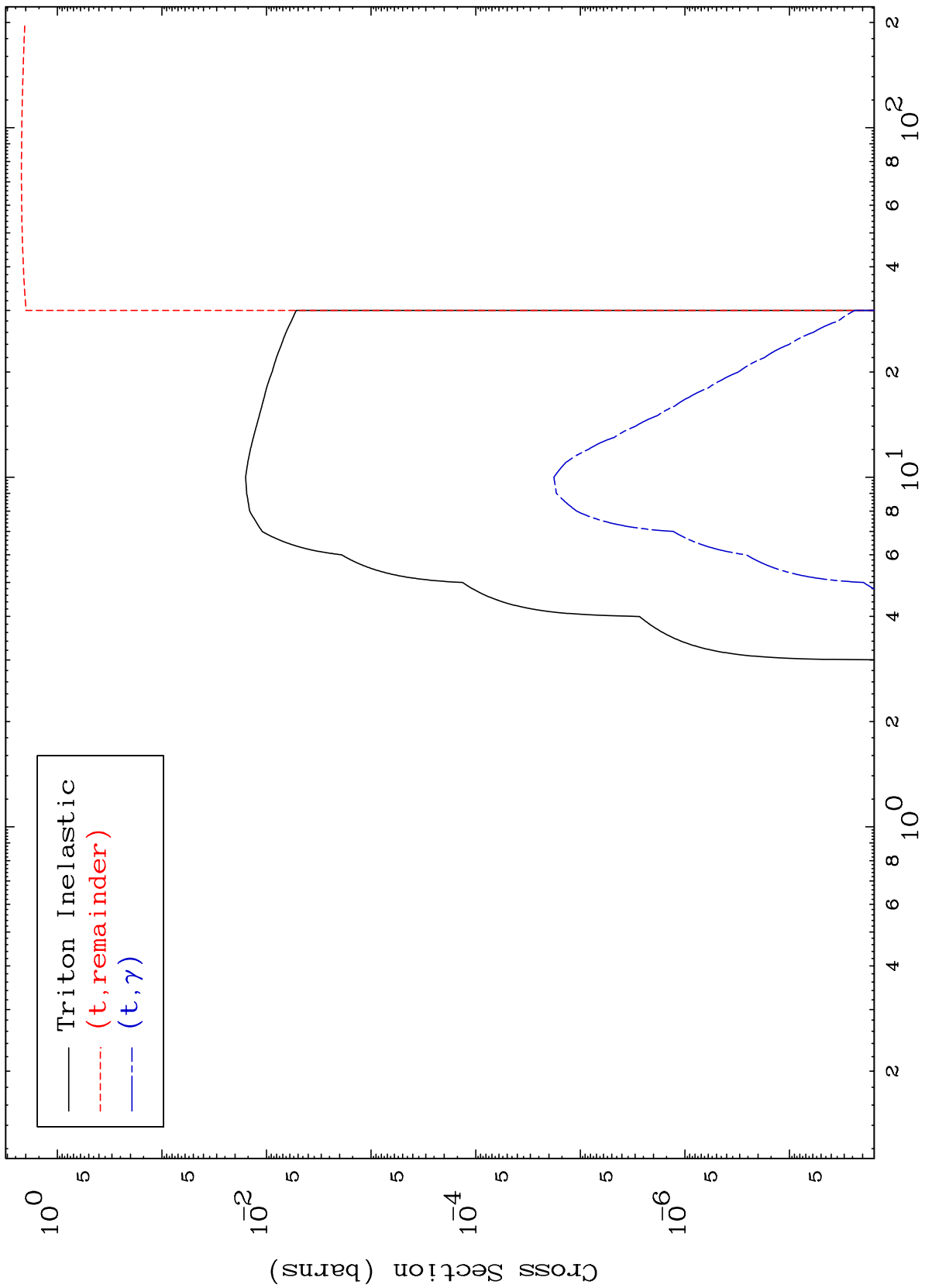
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5837

Triton Major
0 Kelvin Cross Sections

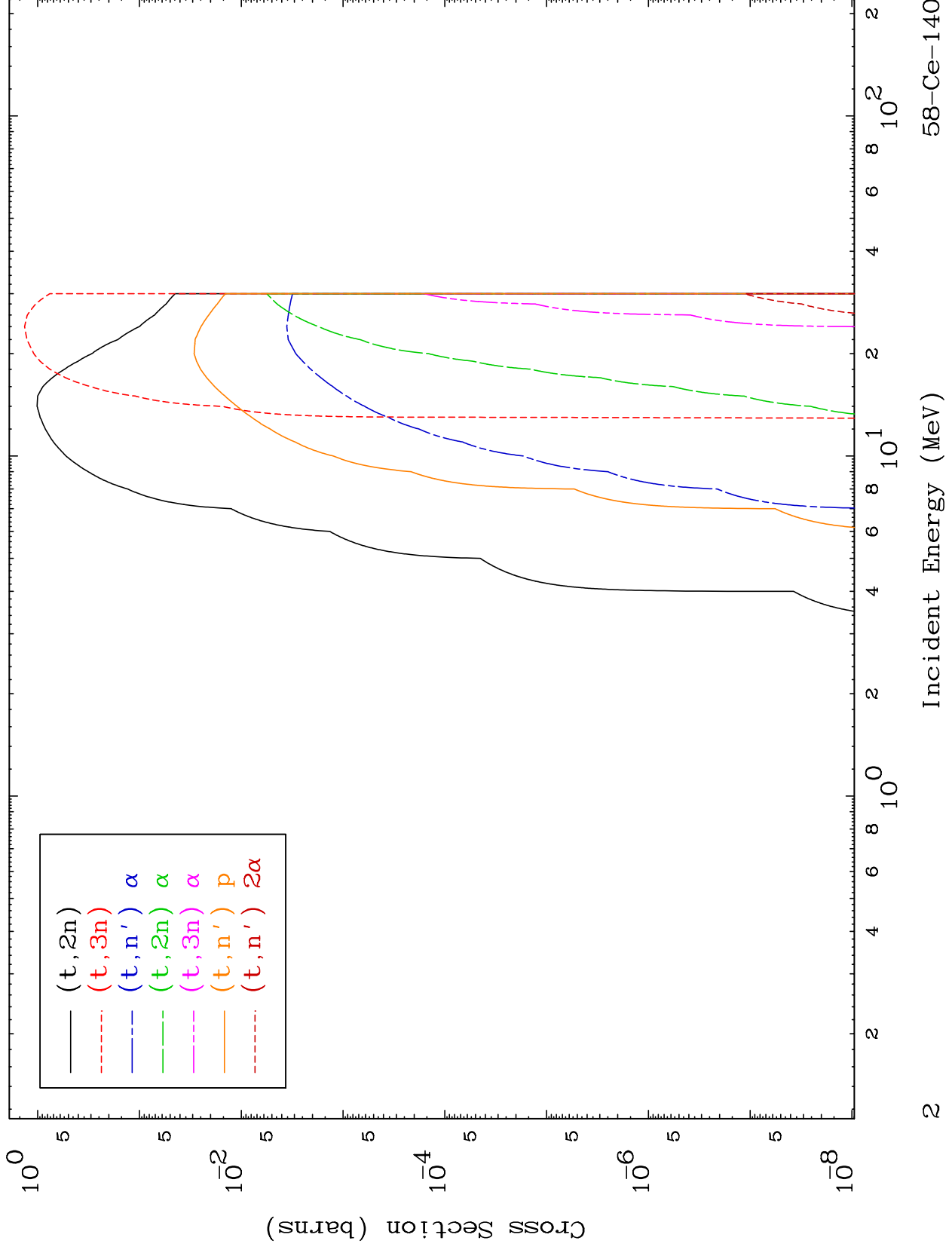
58-Ce-140

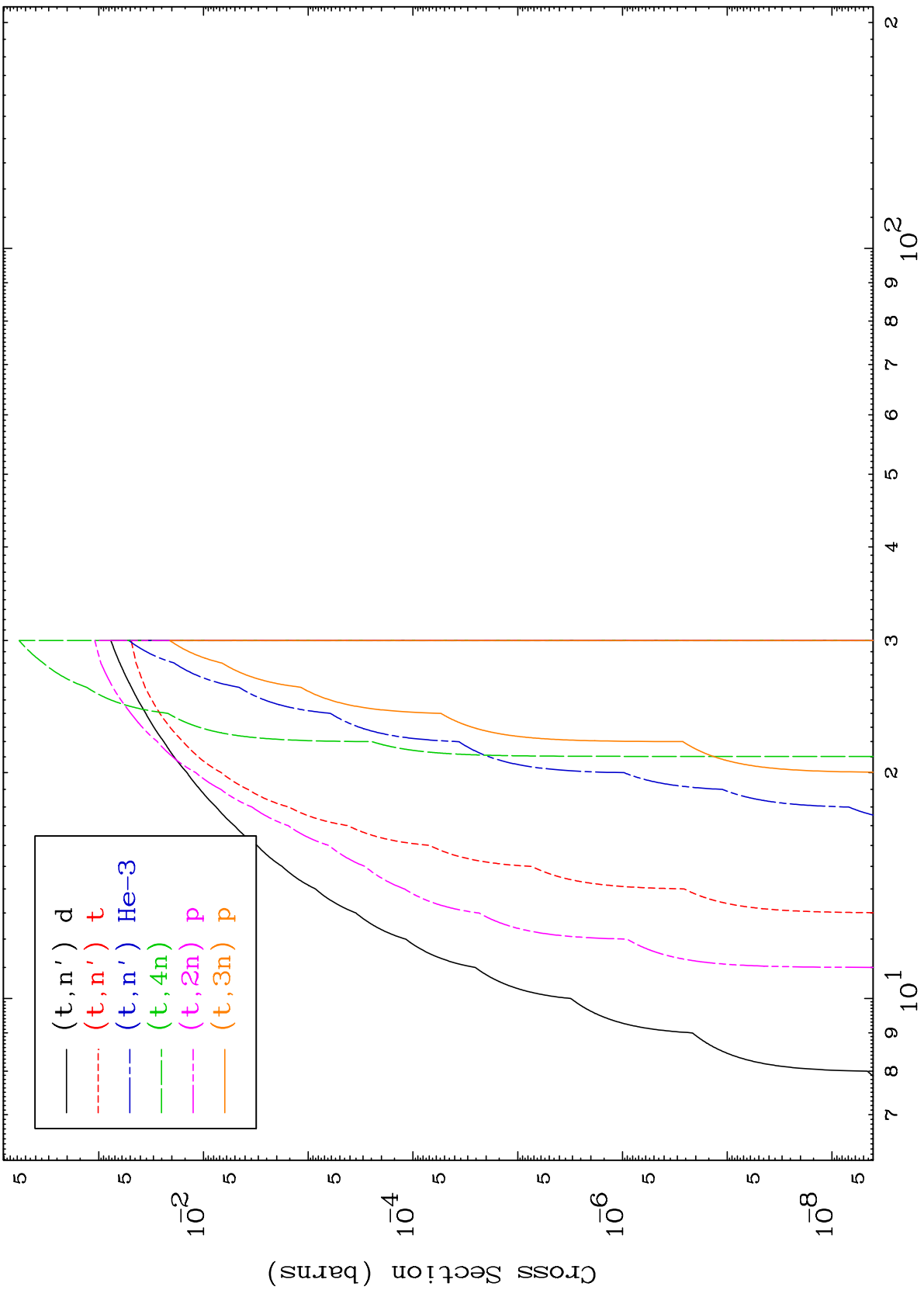


MAT 5837

Triton Neutron Production
0 Kelvin Cross Sections

58-Ce-140

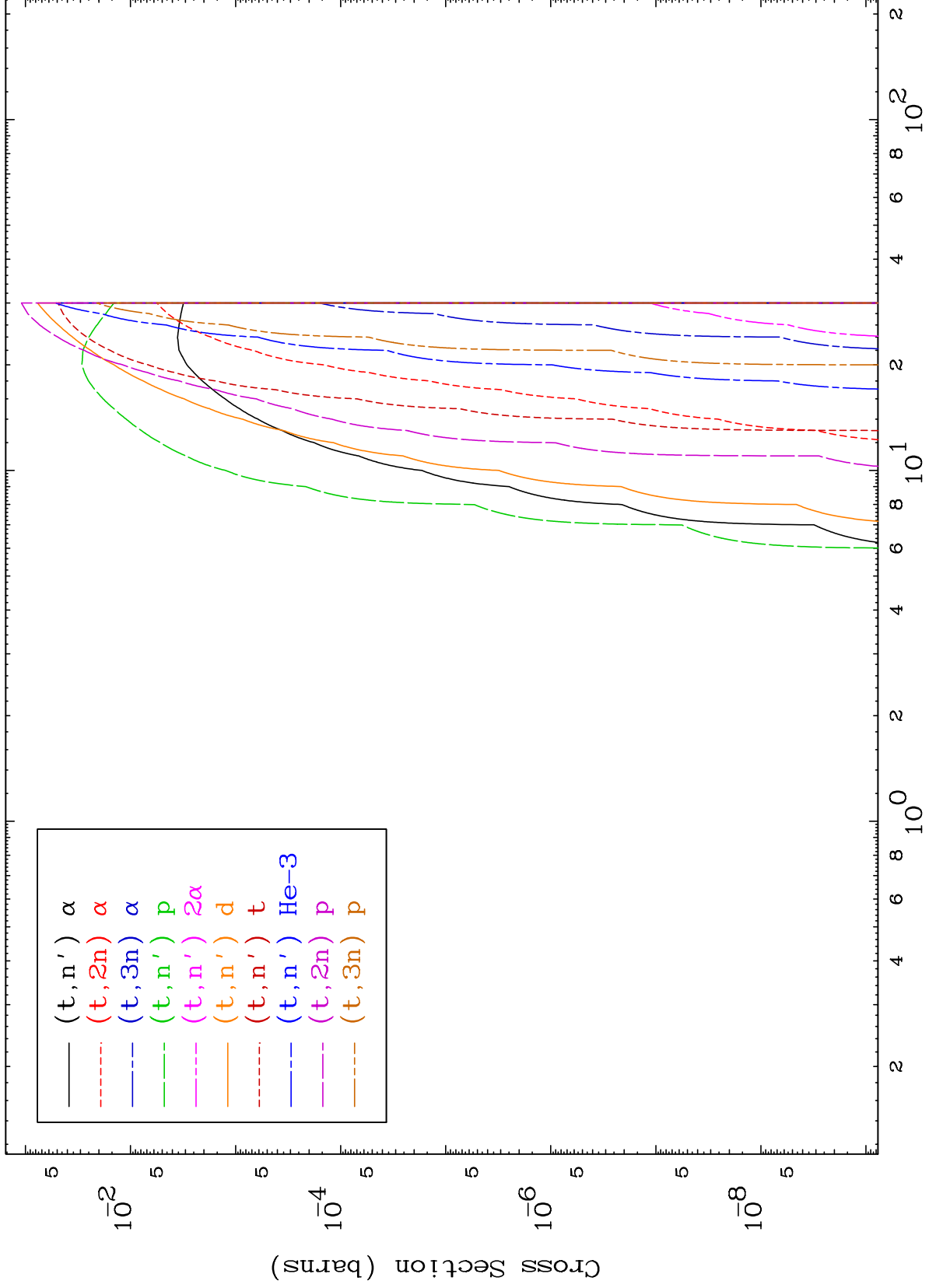


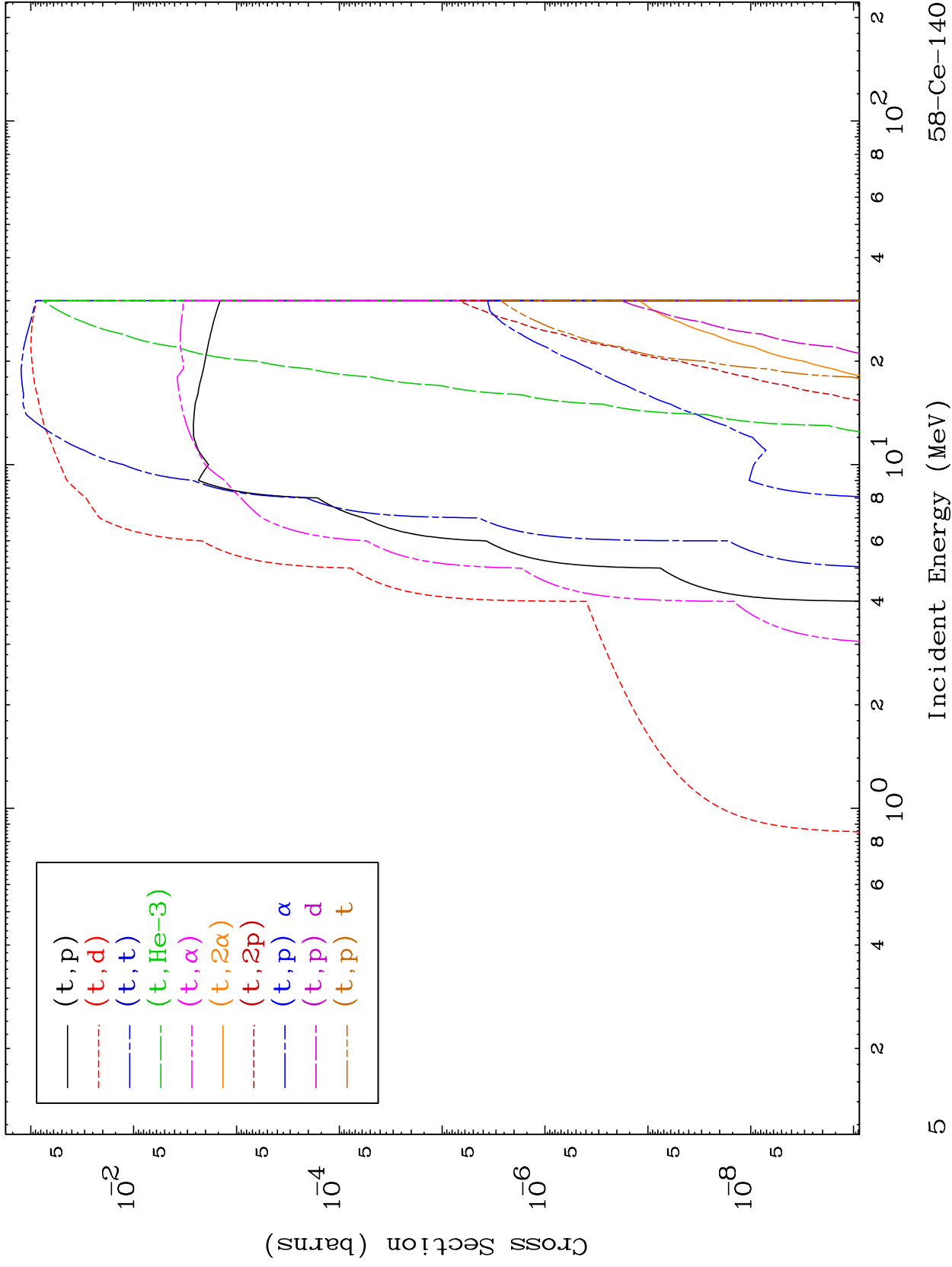


MAT 5837

Triton Charged Particle
0 Kelvin Cross Sections

58-Ce-140

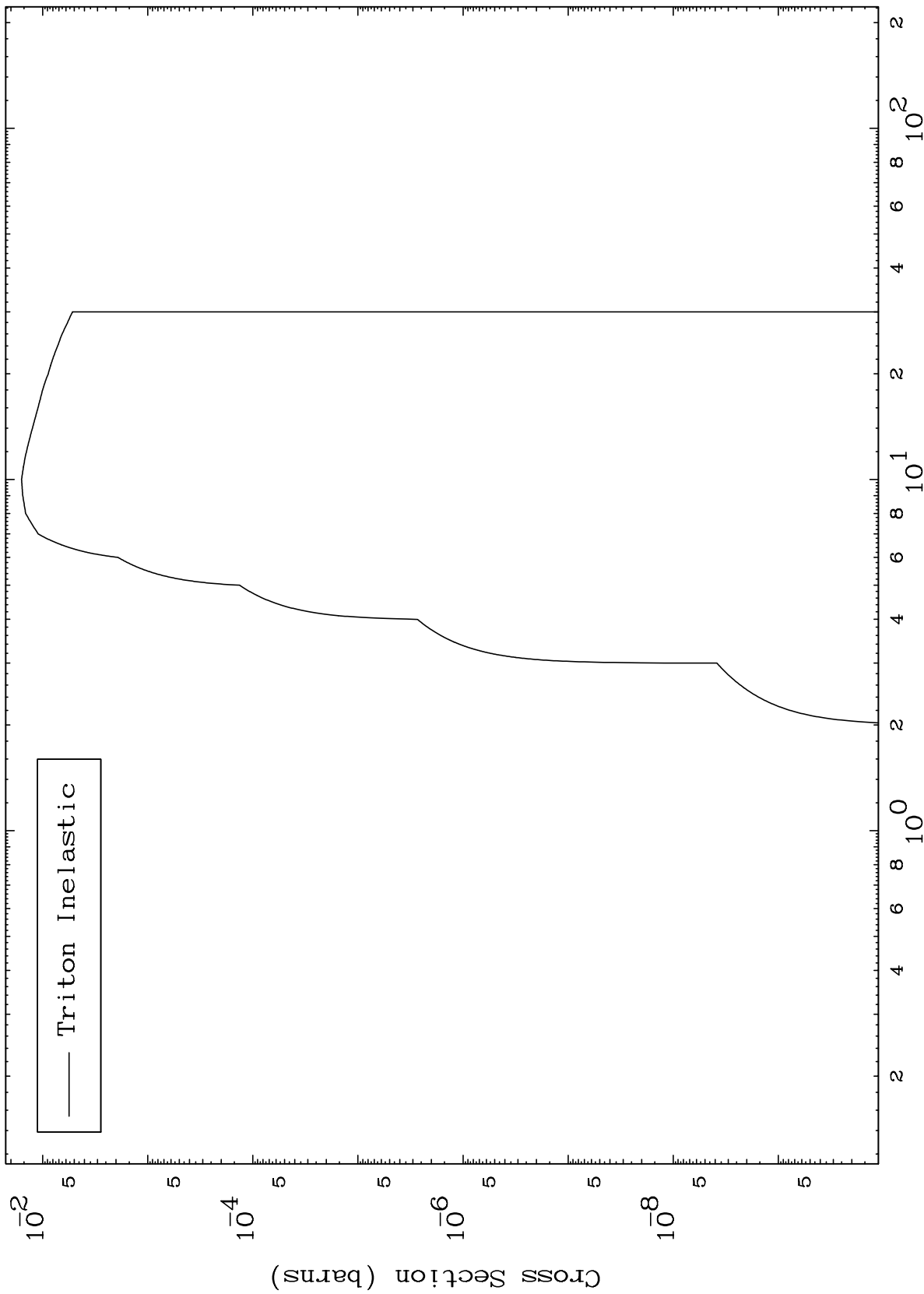




MAT 5837

58-Ce-140

(t, n') Level
0 Kelvin Cross Sections



58-Ce-140

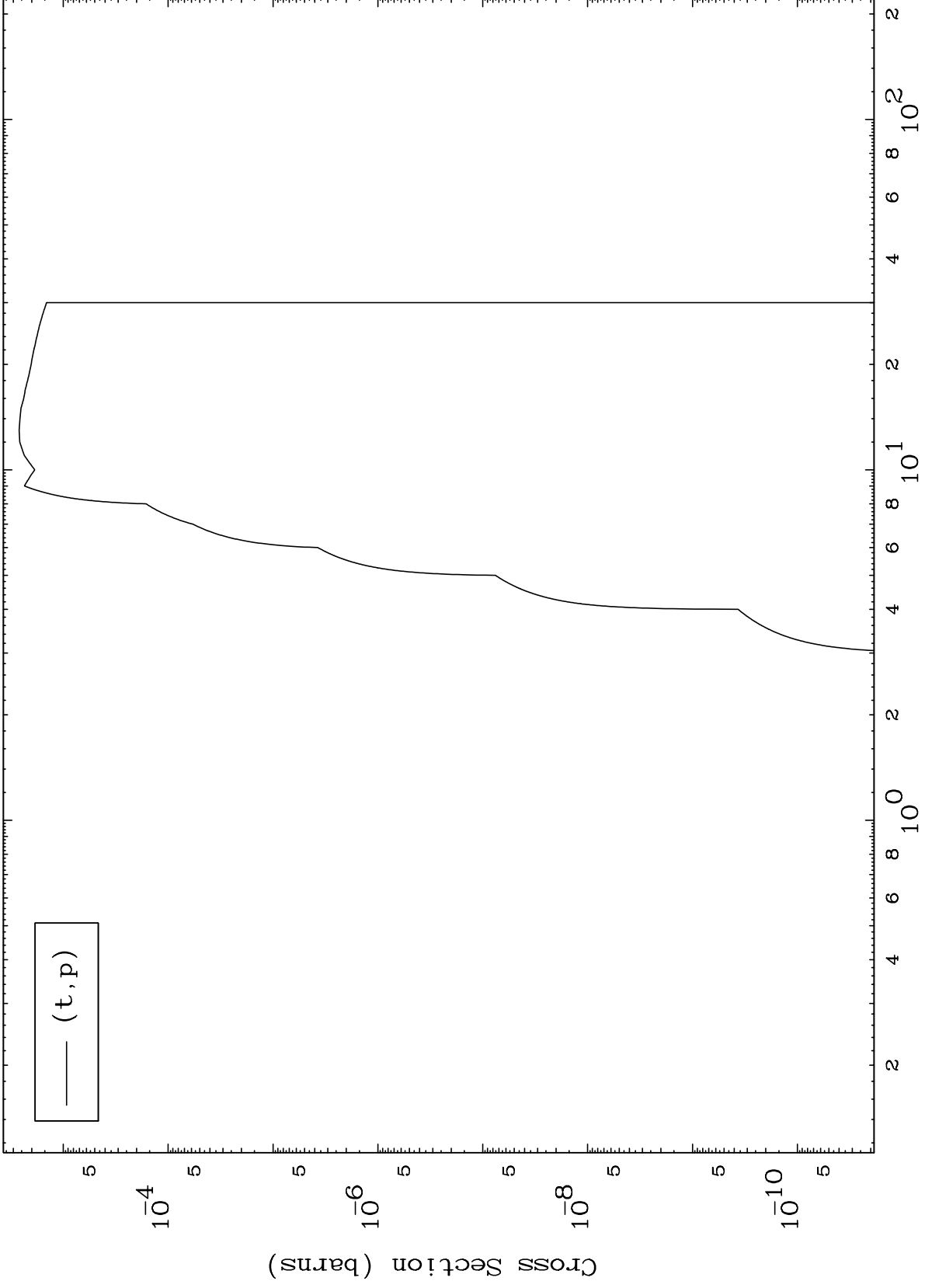
Incident Energy (MeV)

MAT 5837

(t,p) Levels

58-Ce-140

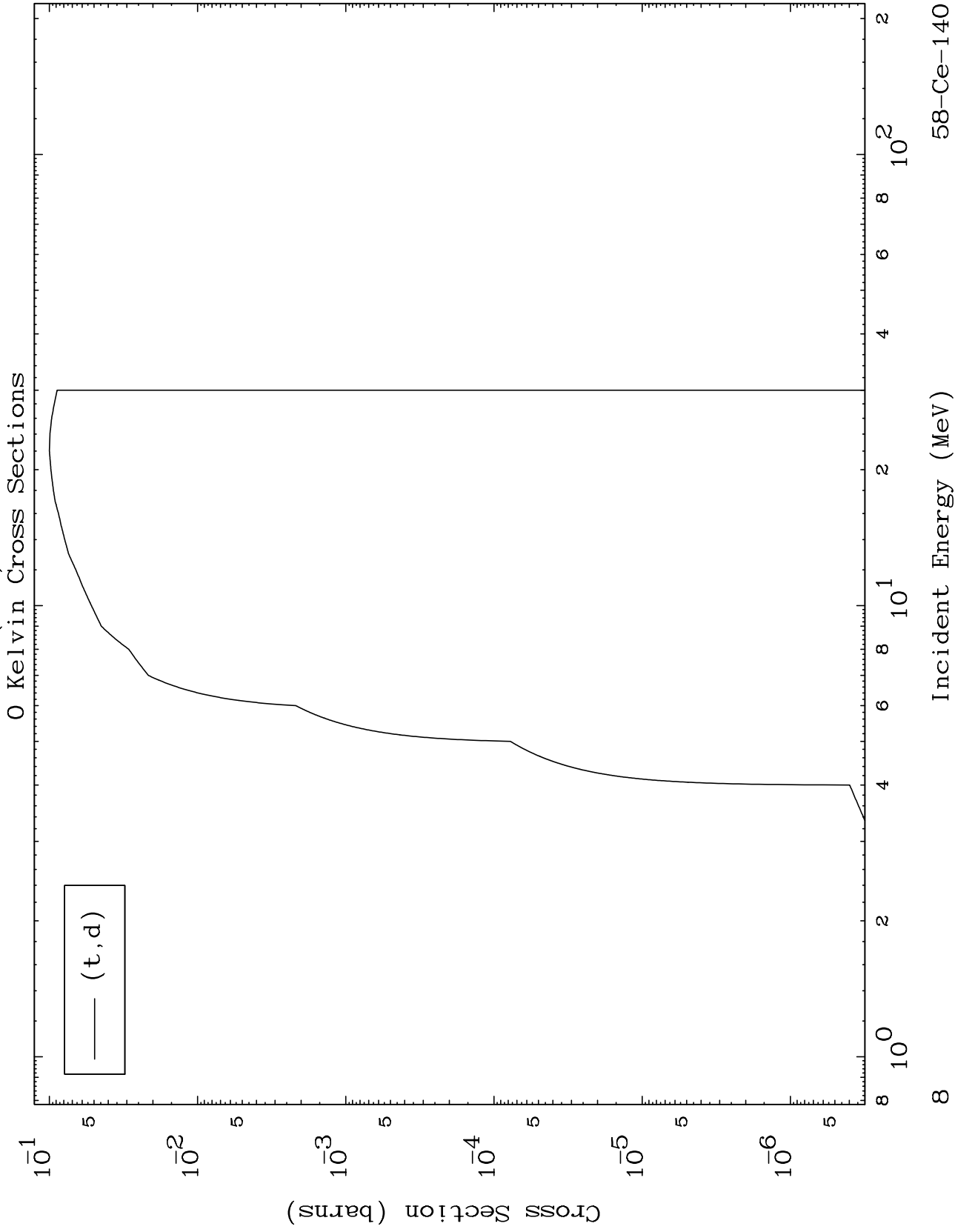
0 Kelvin Cross Sections



MAT 5837

(t,d) Levels

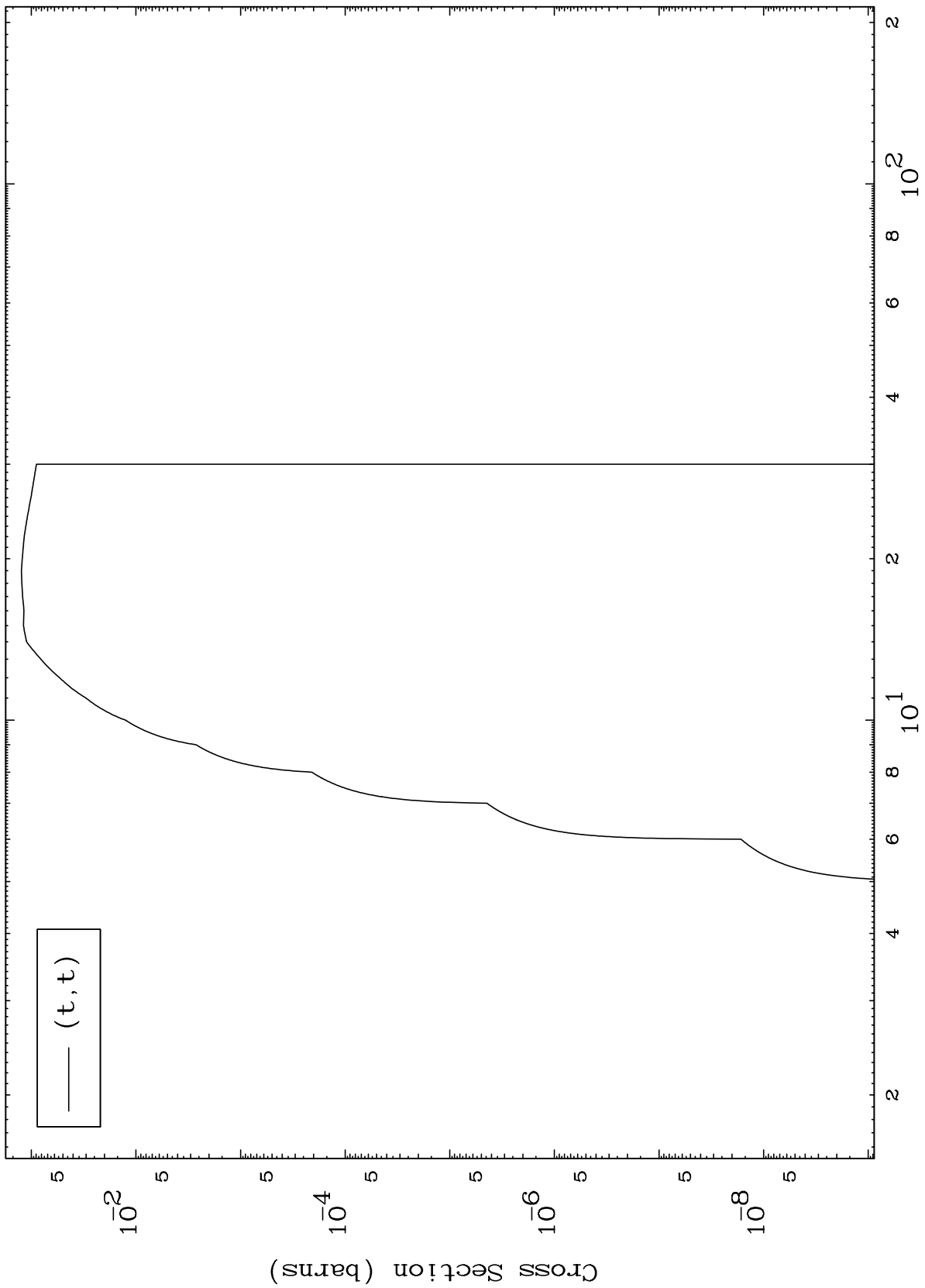
58-Ce-140



MAT 5837

58-Ce-140

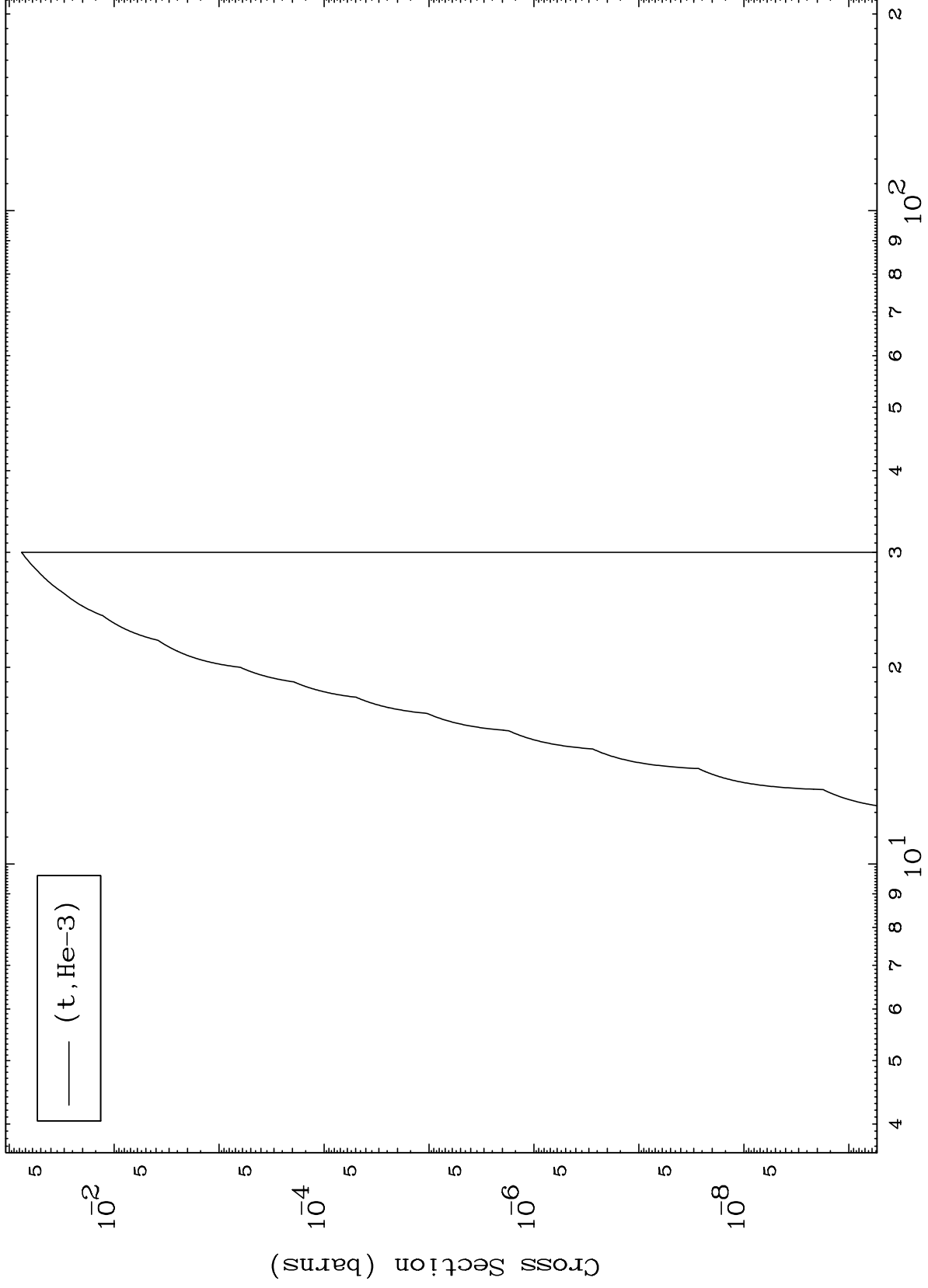
(t, t) Levels
0 Kelvin Cross Sections



MAT 5837

(t,He3) Levels
0 Kelvin Cross Sections

58-Ce-140



10

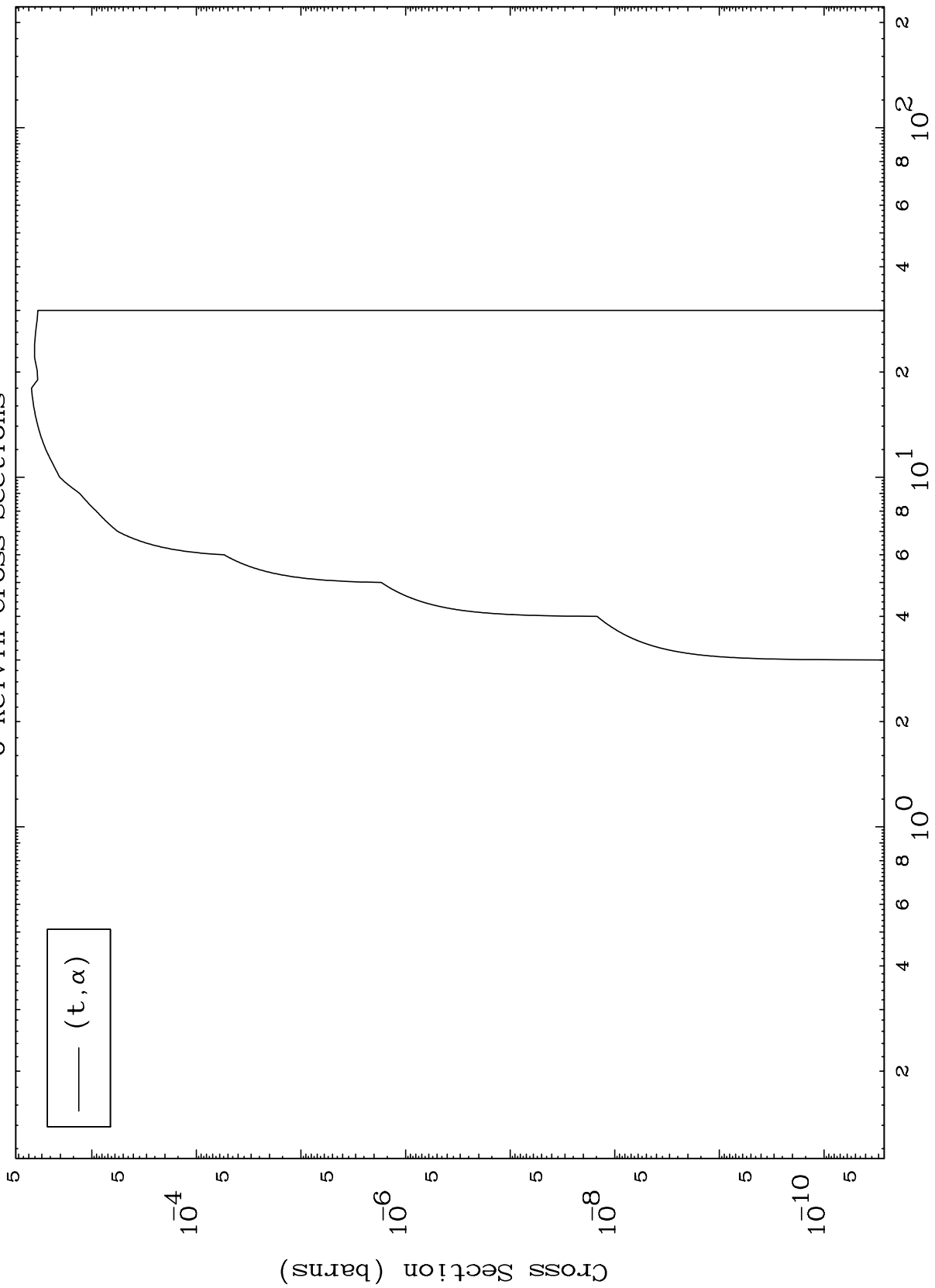
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

(t, α) Levels
0 Kelvin Cross Sections



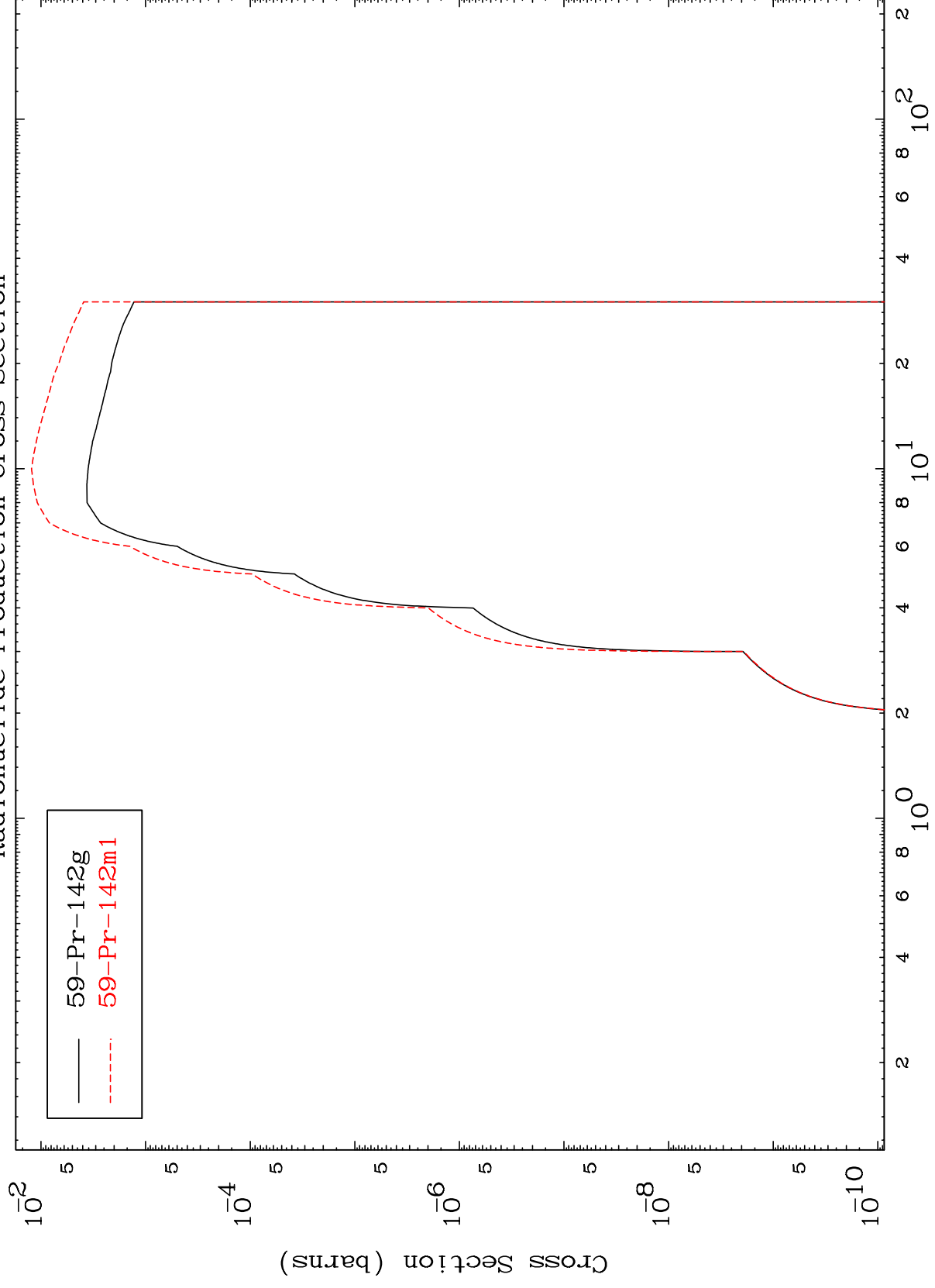
58-Ce-140

Incident Energy (MeV)

MAT 5837

Triton Inelastic
Radionuclide Production Cross Section

58-Ce-140



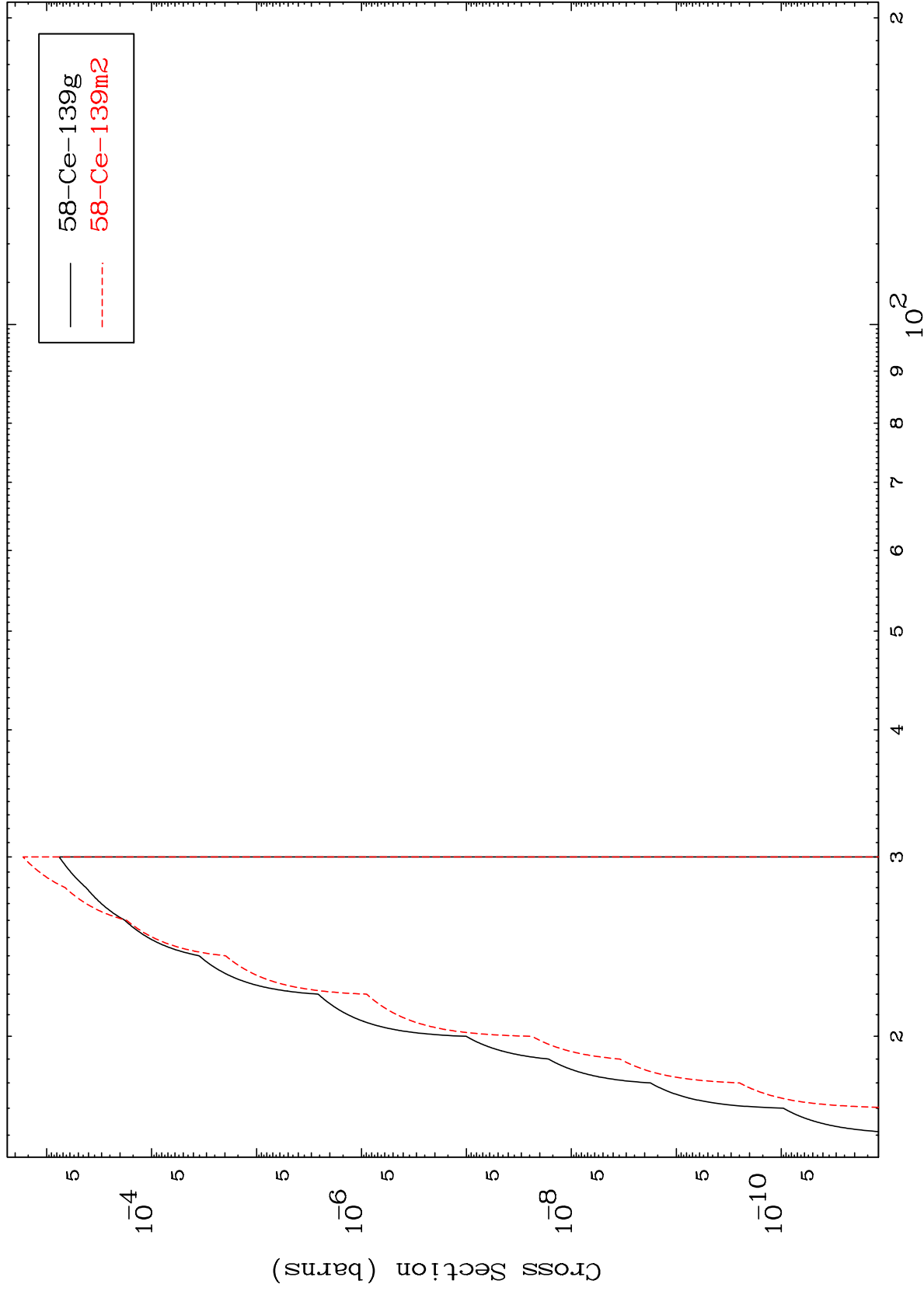
59-Pr-142g
59-Pr-142m1

MAT 5837

(t,2n) d

58-Ce-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

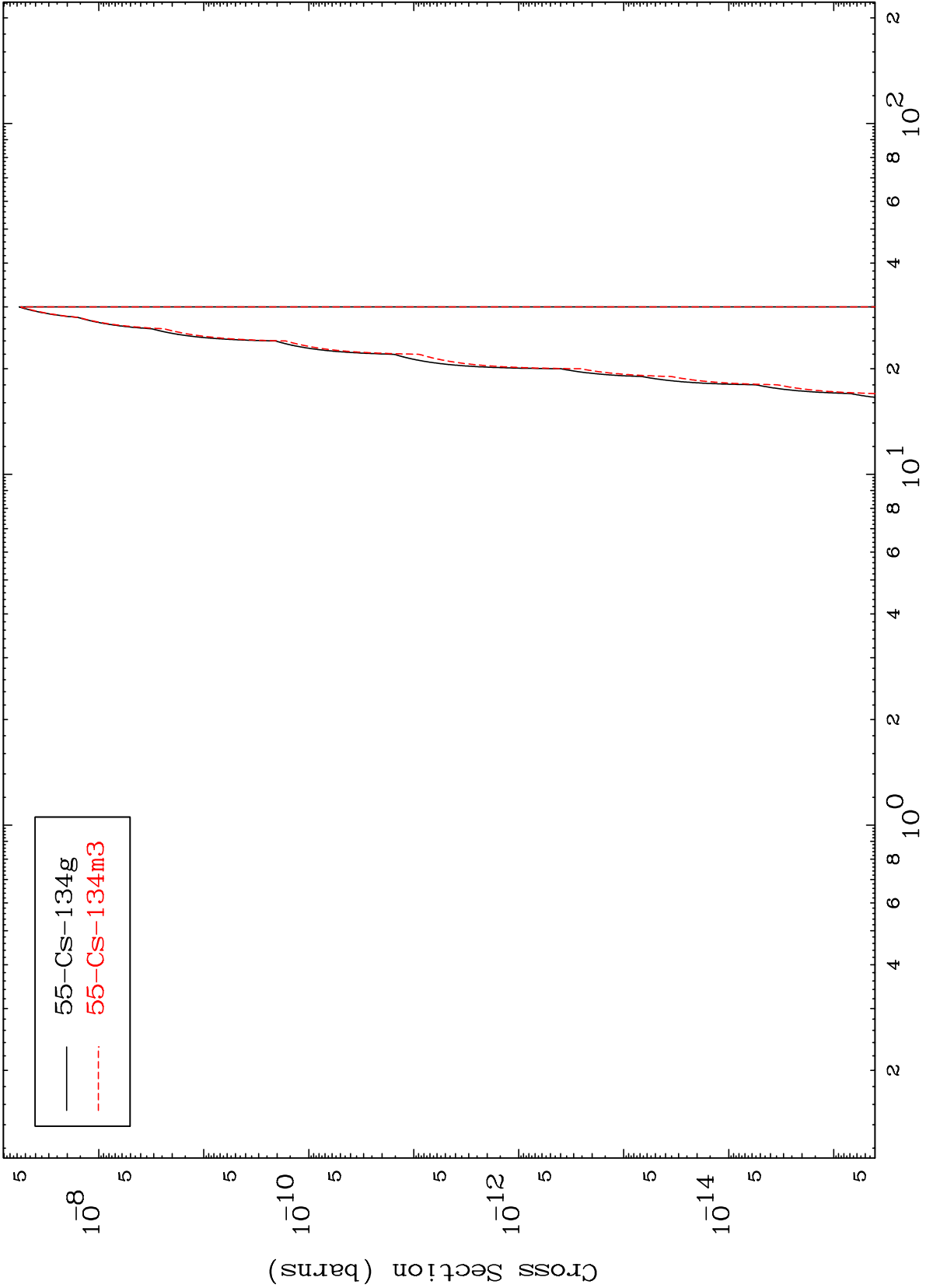
58-Ce-140

MAT 5837

(t,n') 2α

58-Ce-140

Radionuclide Production Cross Section



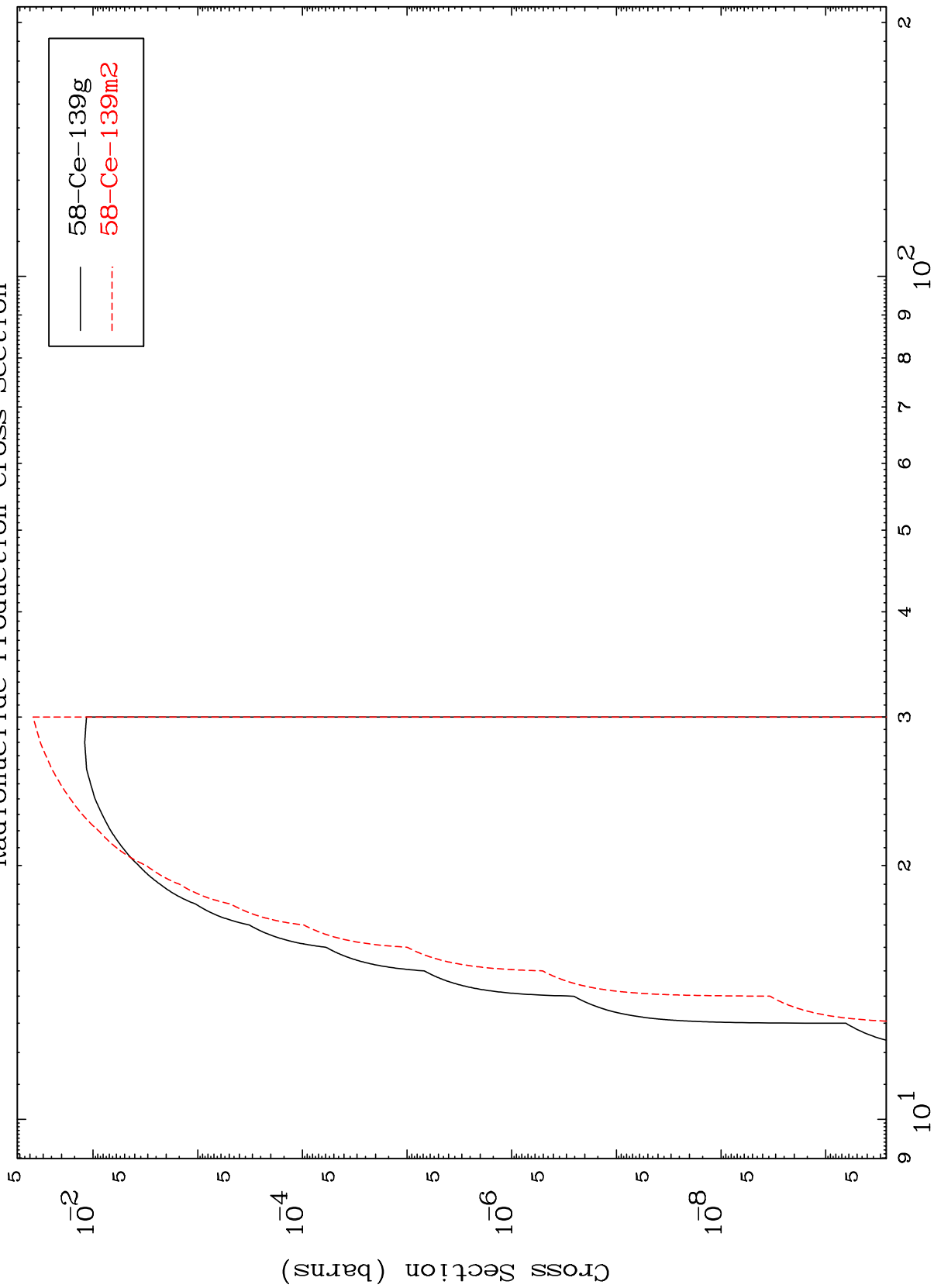
55-Cs-134g
55-Cs-134m3

MAT 5837

(t,n') t

58-Ce-140

Radionuclide Production Cross Section



Incident Energy (MeV)

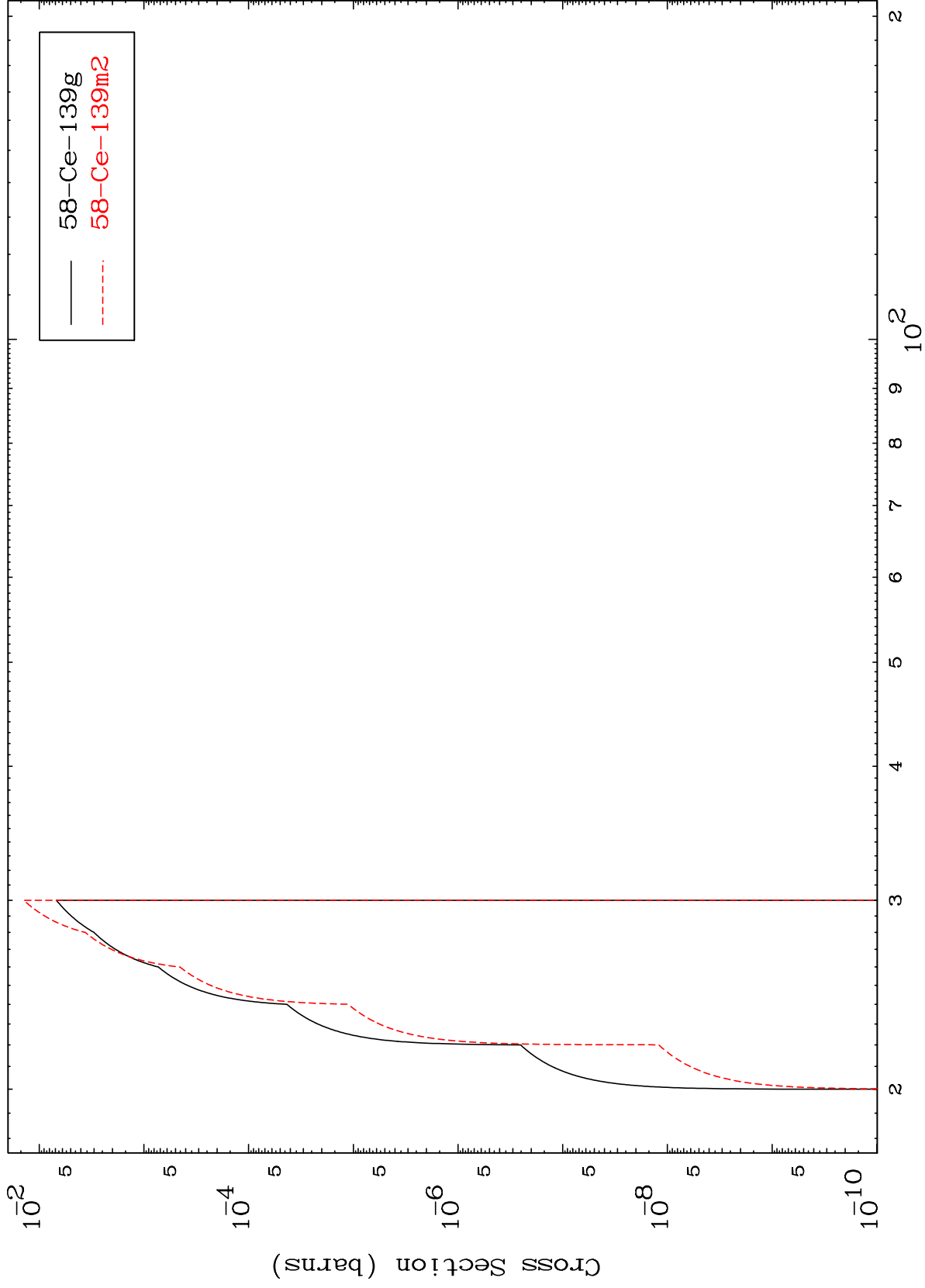
58-Ce-140

MAT 5837

(t,3n) p

58-Ce-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

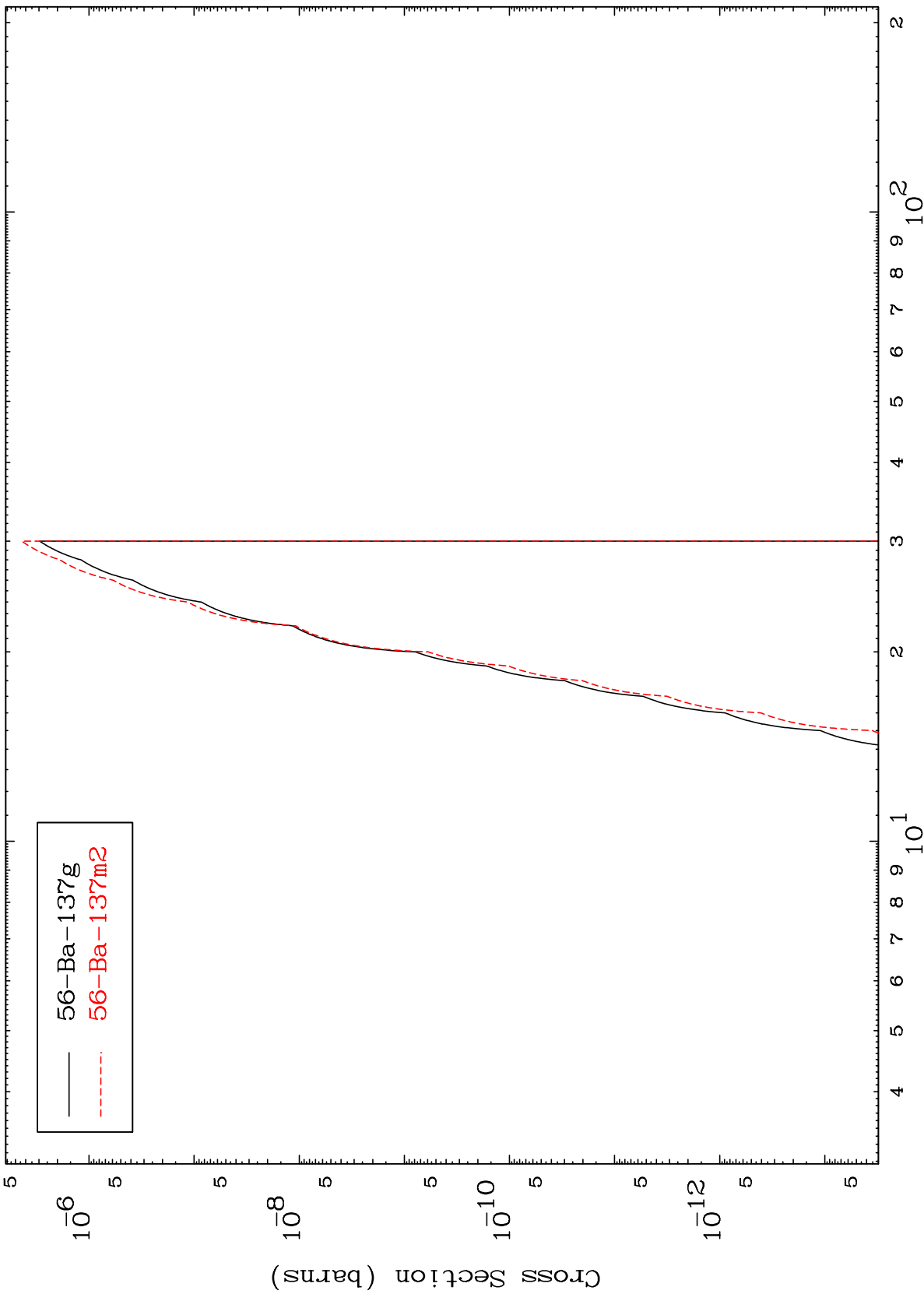
58-Ce-140

MAT 5837

(t,n') p α

58-Ce-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

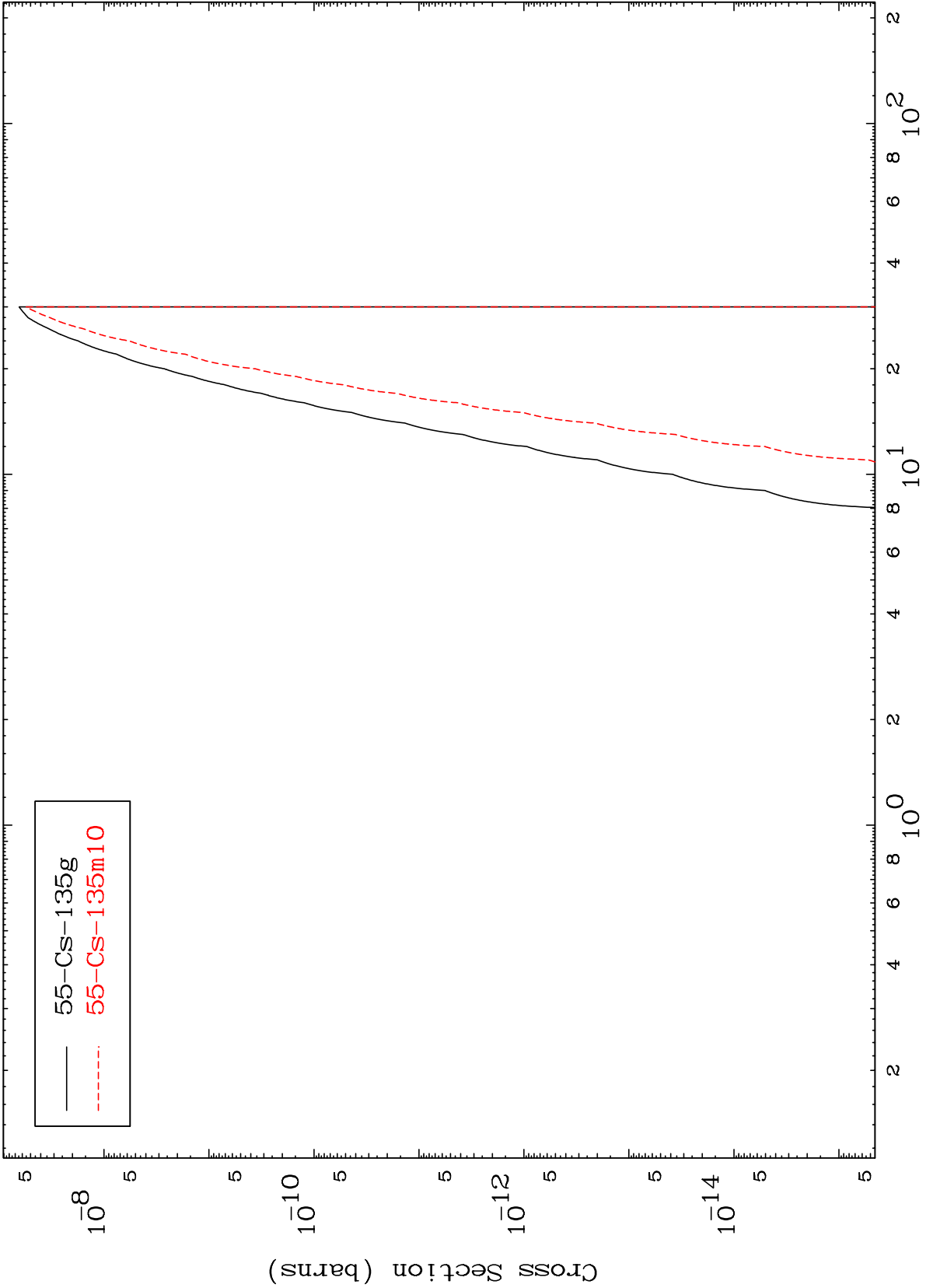
58-Ce-140

MAT 5837

(t,2 α)

58-Ce-140

Radionuclide Production Cross Section



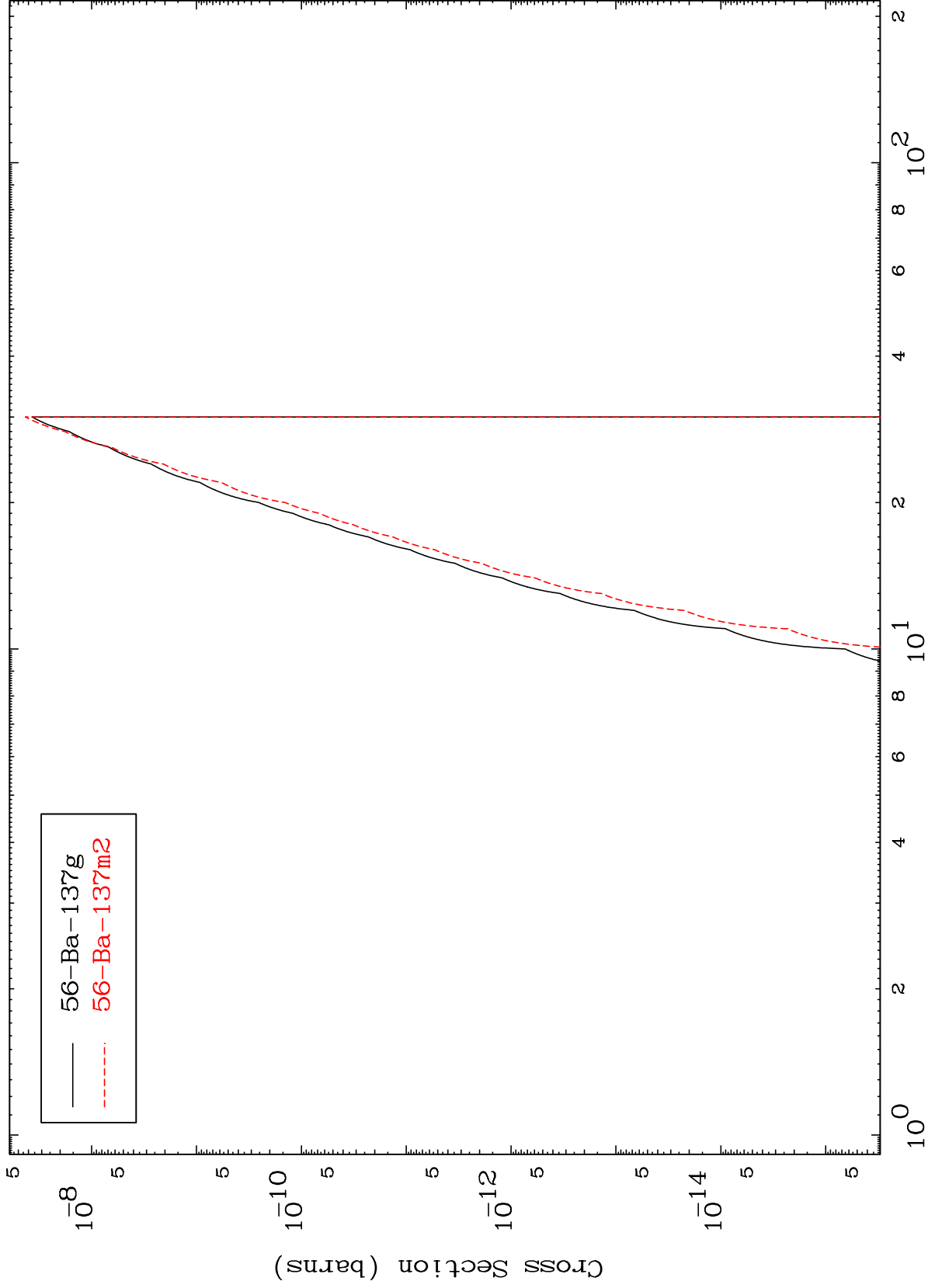
55-Cs-135g
55-Cs-135m10

MAT 5837

(t,d) α

58-Ce-140

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-140