

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

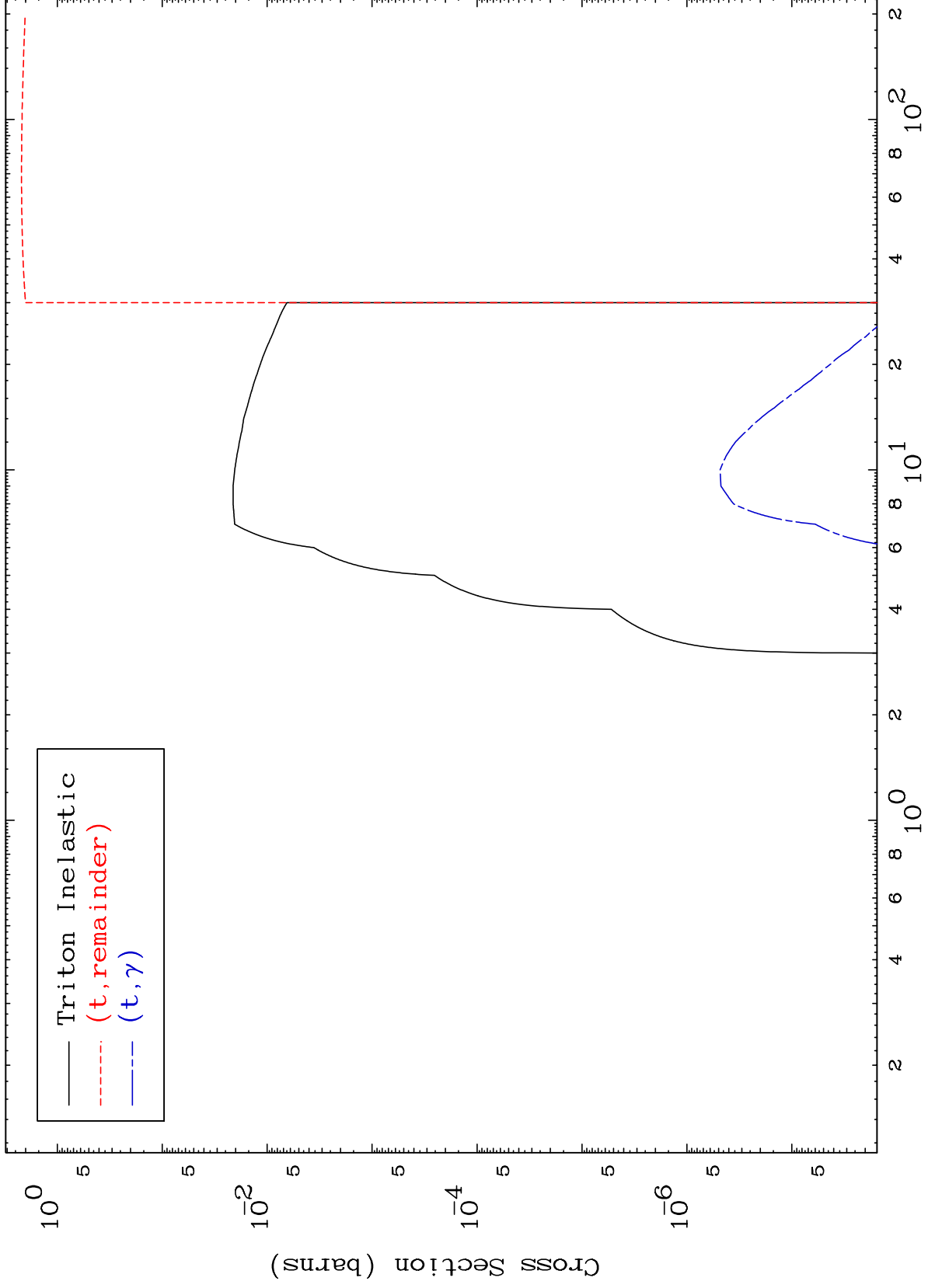
Press Mouse Button to Start

MAT 5534

Triton Major

55-Cs-136

0 Kelvin Cross Sections

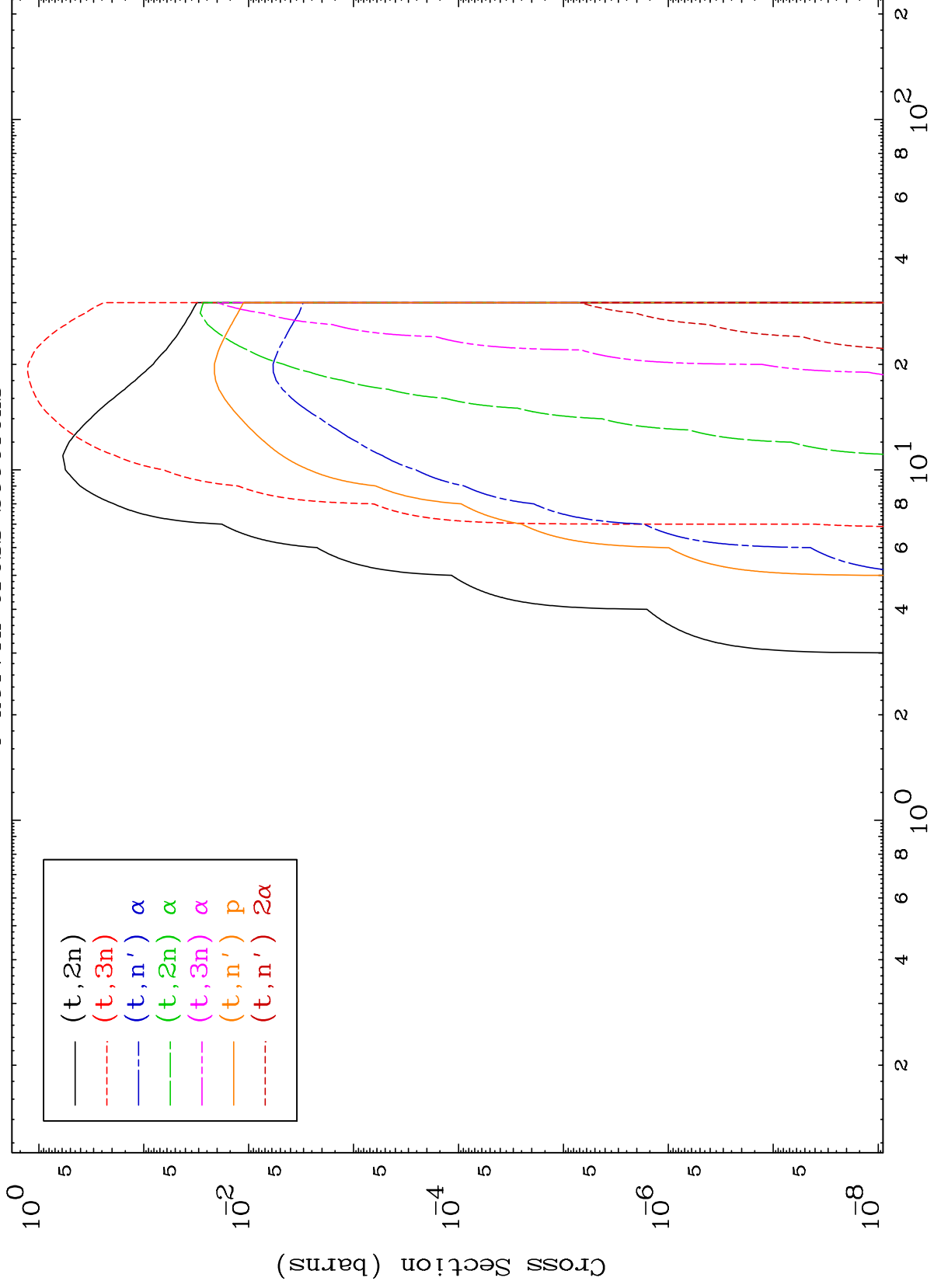


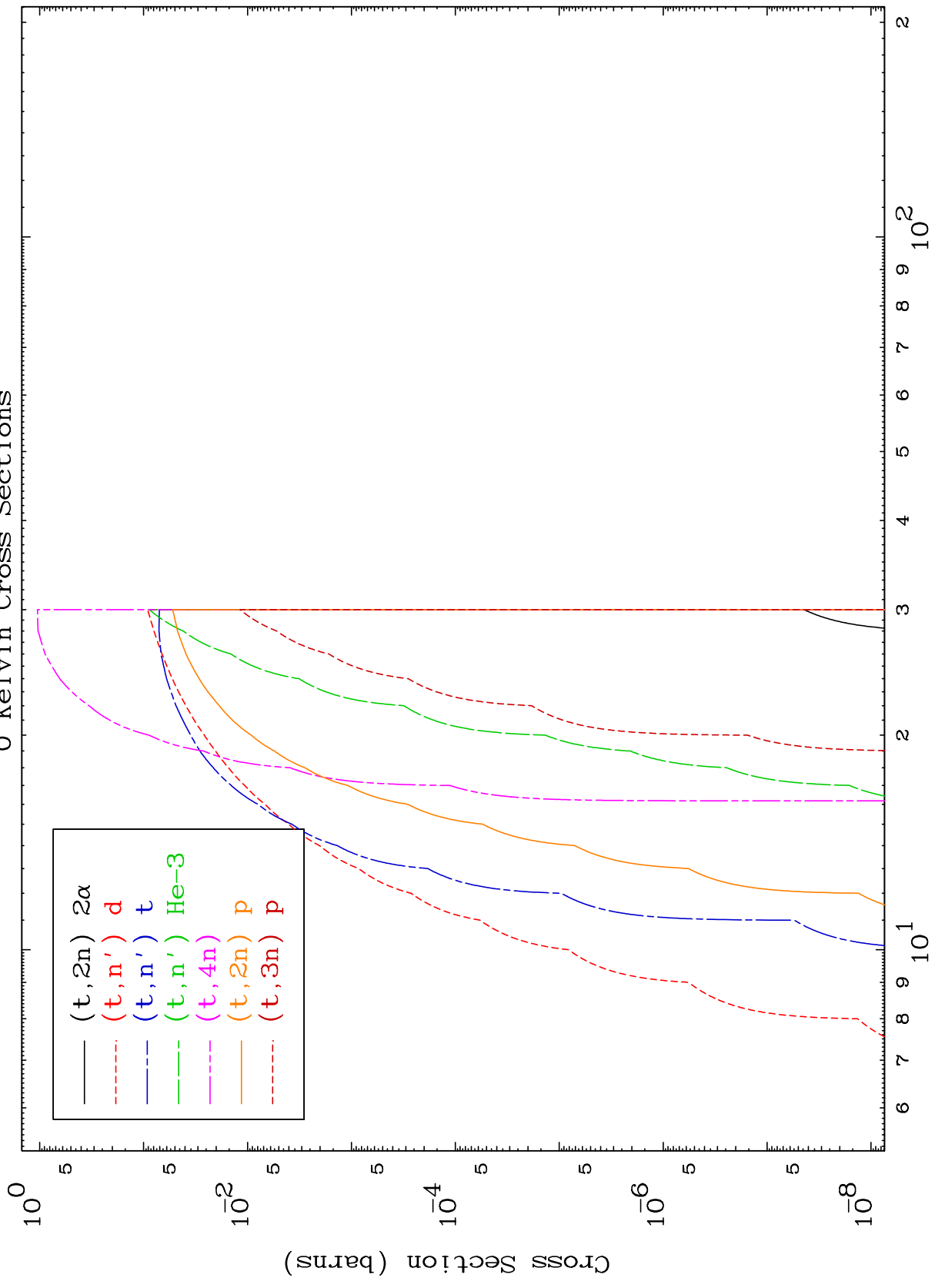
— Triton Inelastic  
- - - (t, remainder)  
- . - (t,  $\gamma$ )

MAT 5534

Triton Neutron Production  
0 Kelvin Cross Sections

55-Cs-136

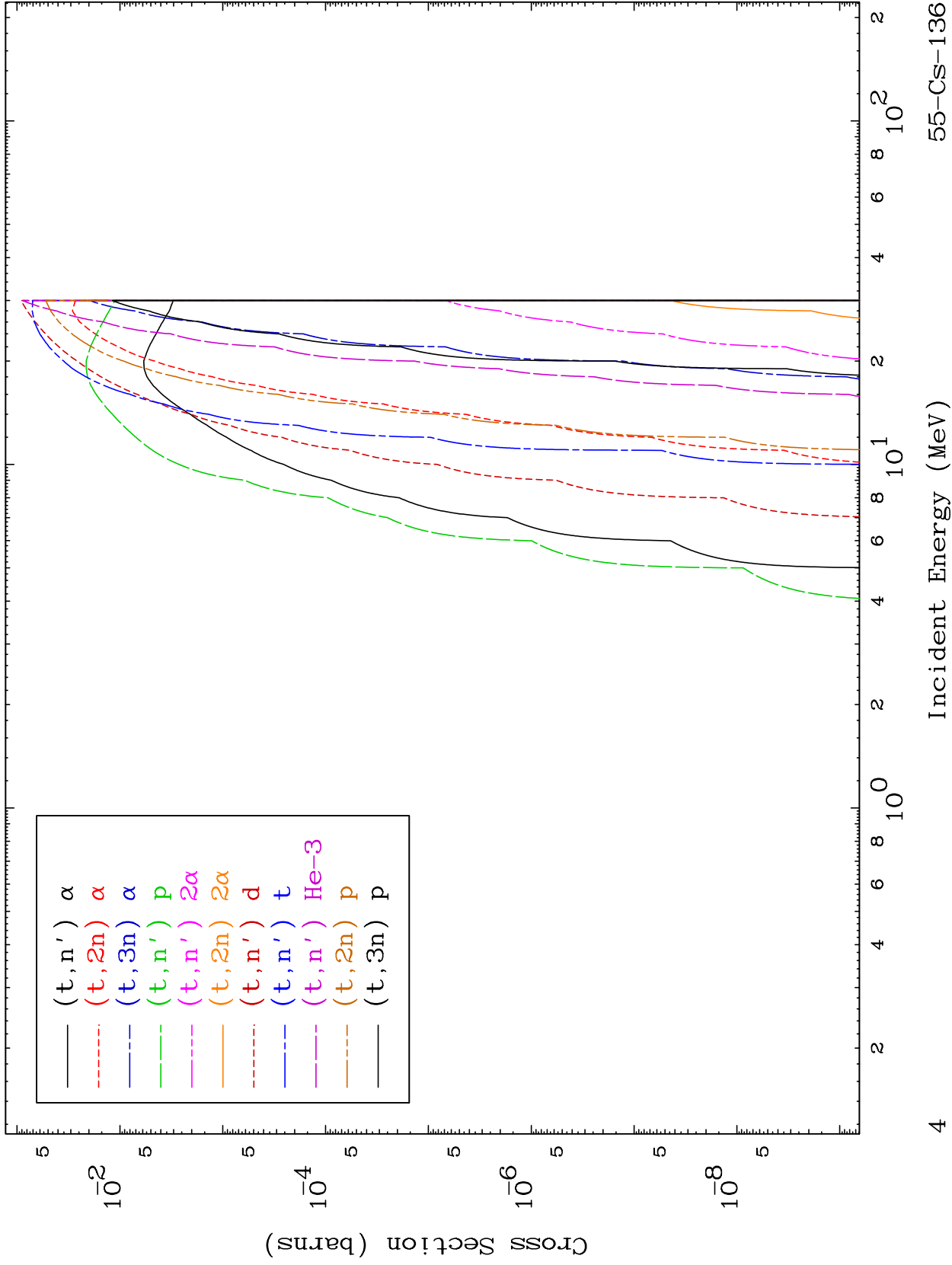


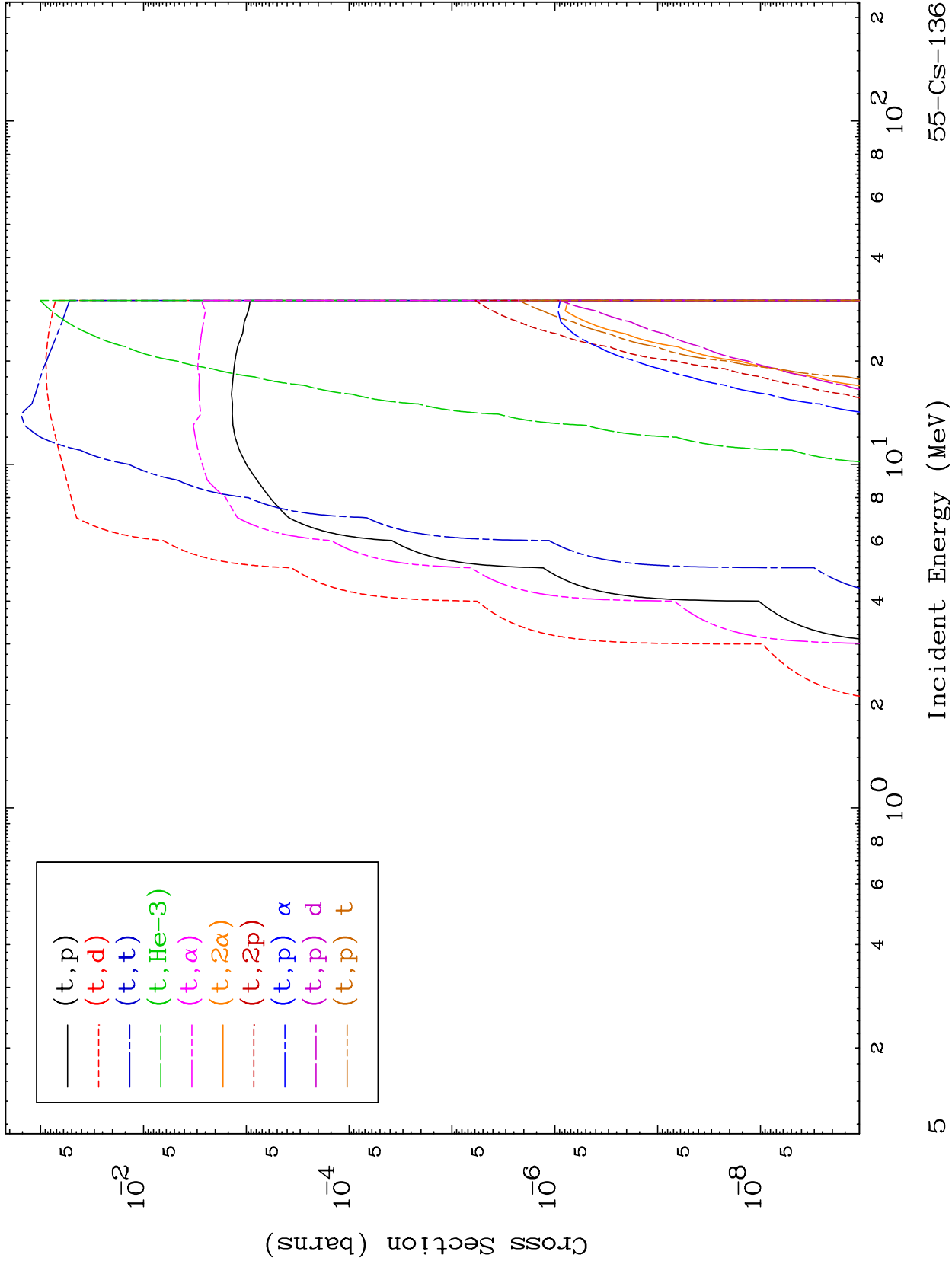


MAT 5534

Triton Charged Particle  
0 Kelvin Cross Sections

55-Cs-136



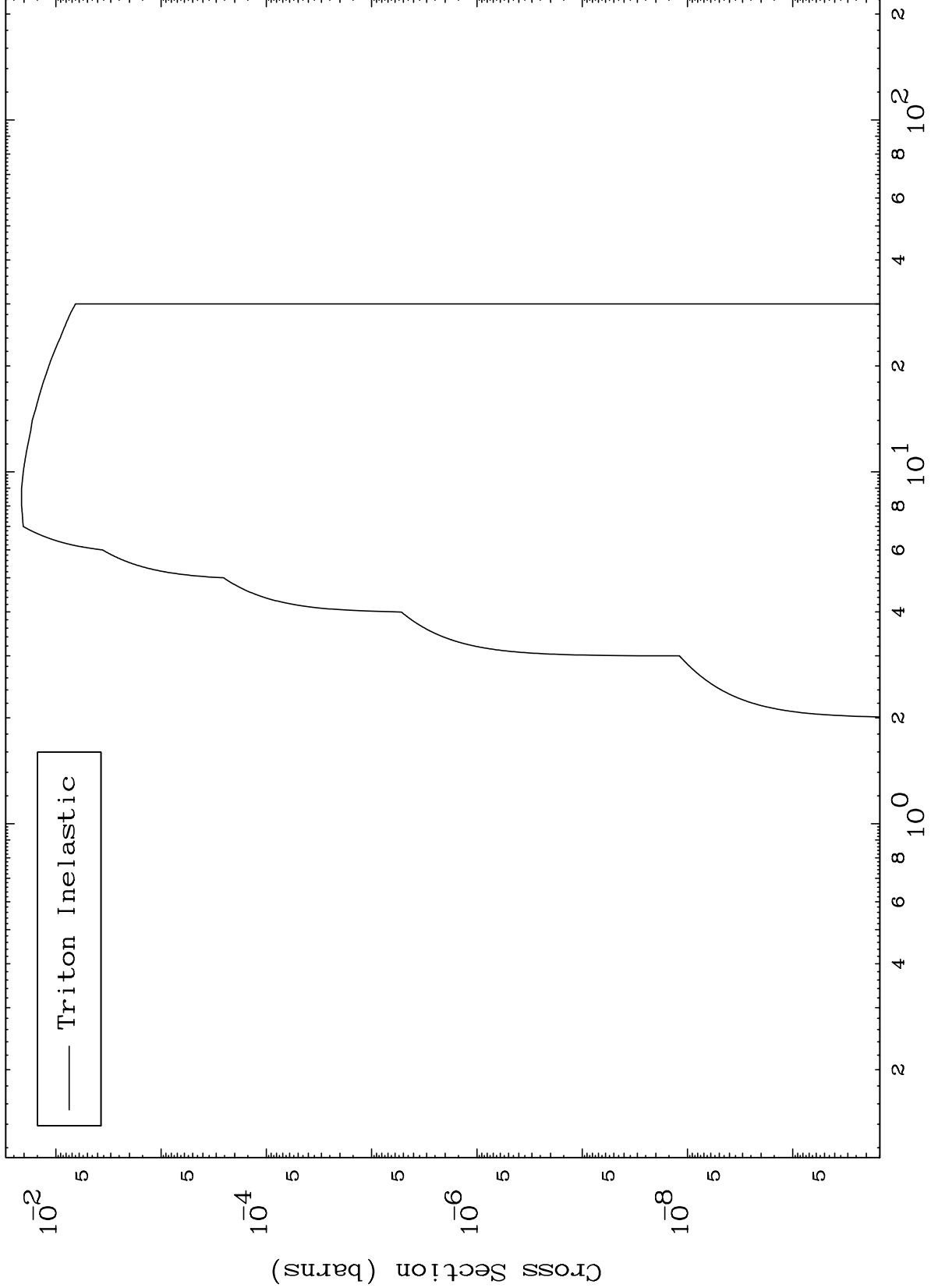


MAT 5534

(t, n') Level

55-Cs-136

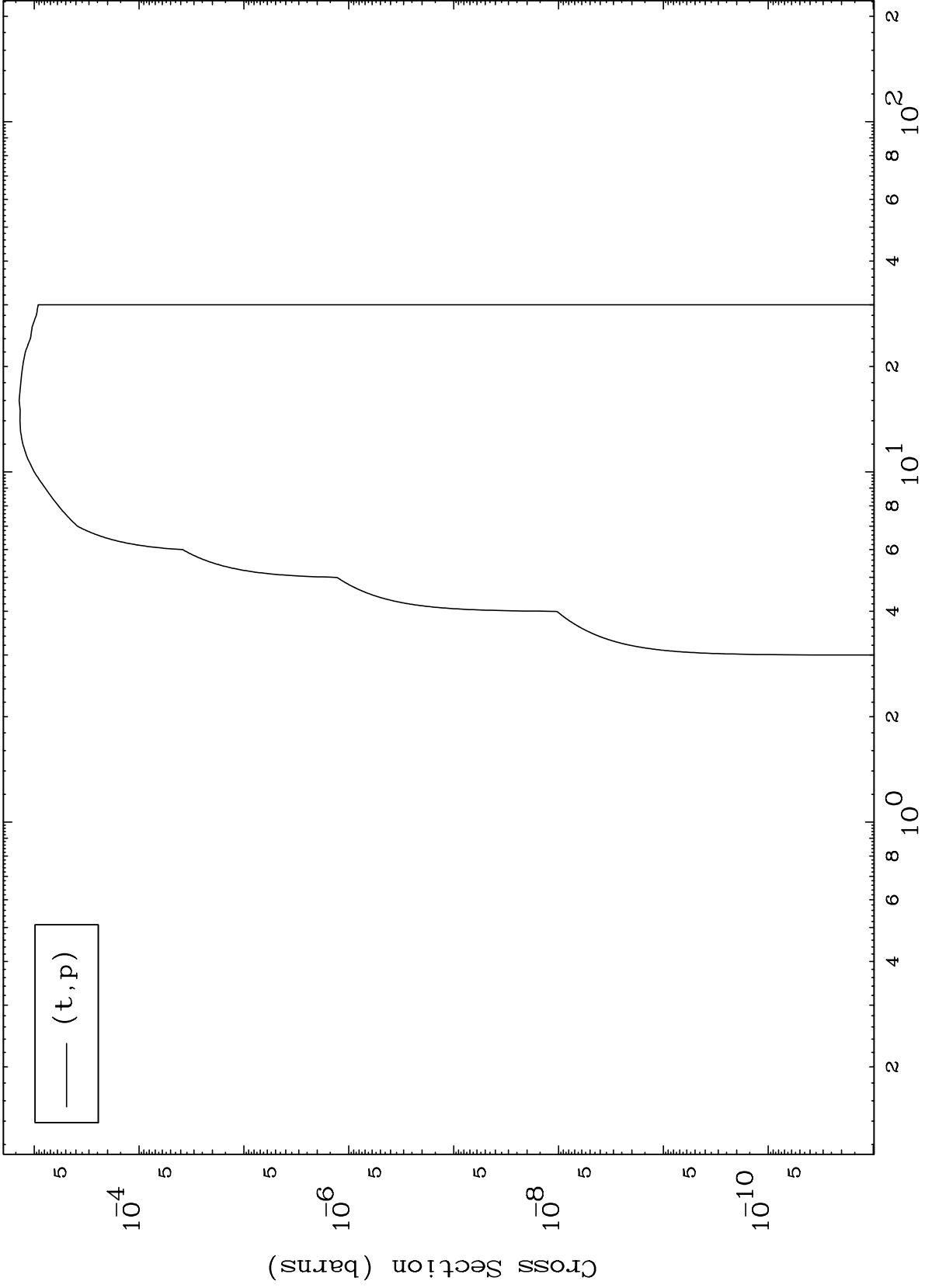
0 Kelvin Cross Sections



MAT 5534

55-Cs-136

(t,p) Levels  
0 Kelvin Cross Sections



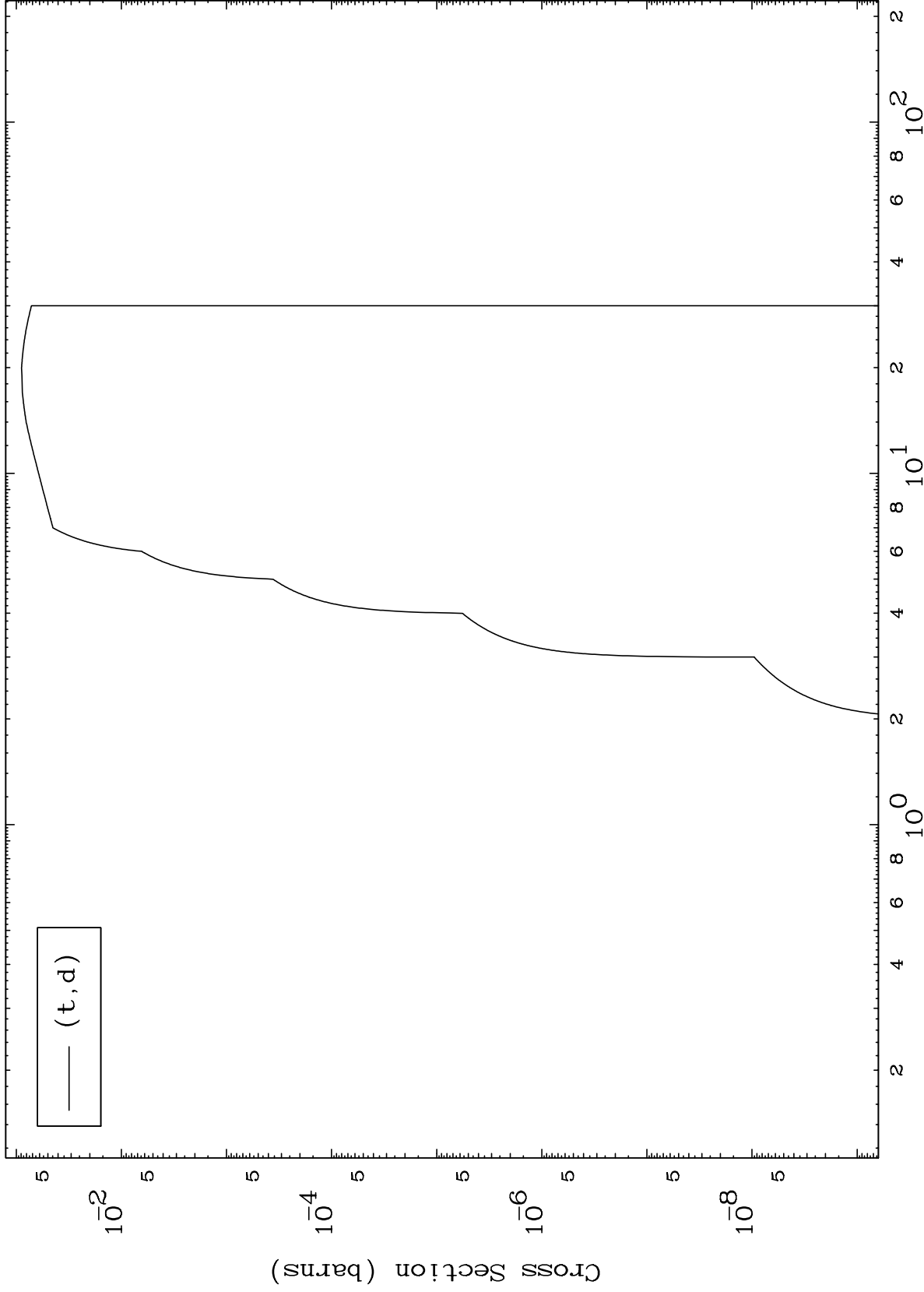


MAT 5534

(t,d) Levels

55-Cs-136

0 Kelvin Cross Sections

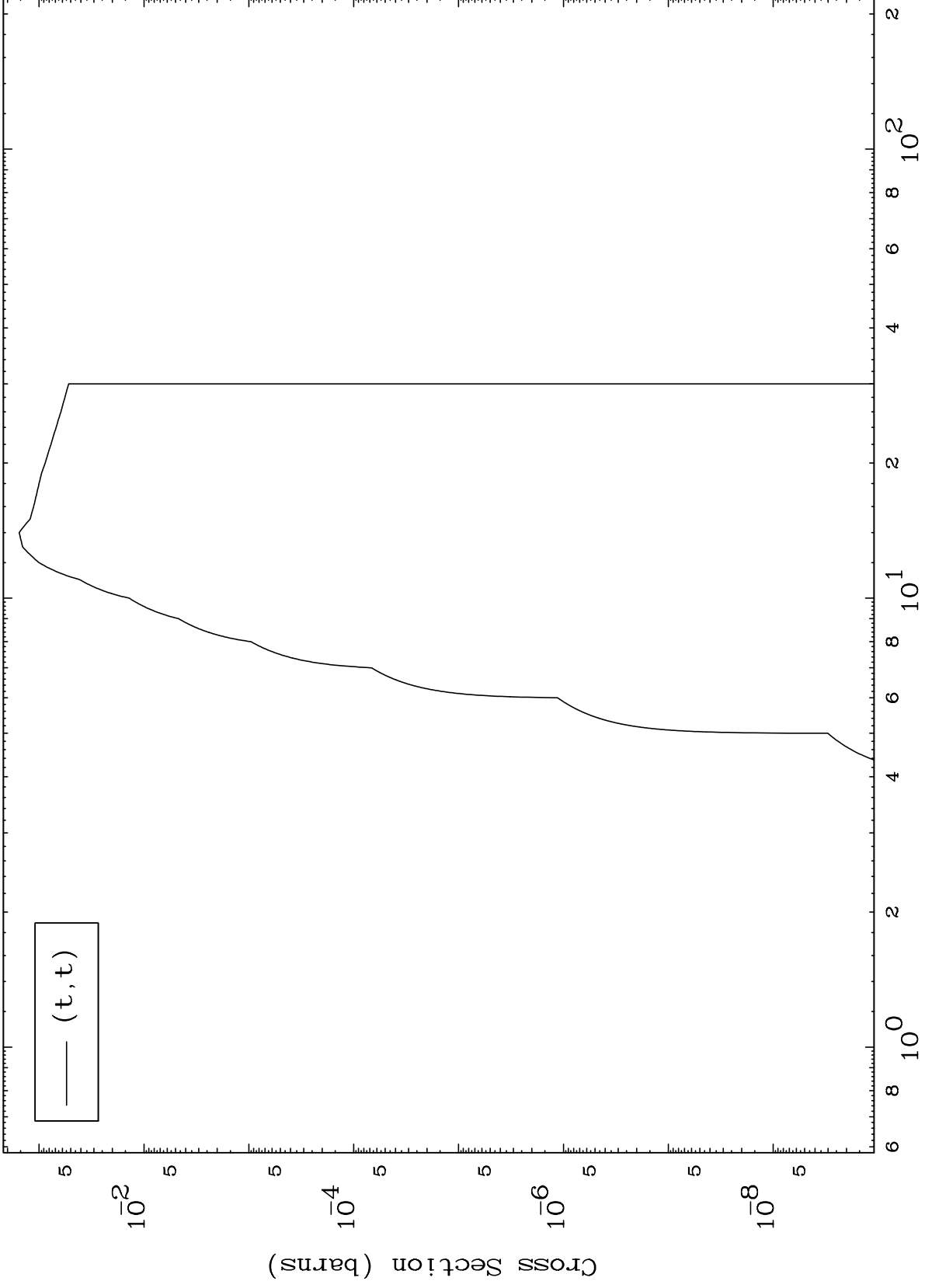


MAT 5534

(t, t) Levels

55-Cs-136

0 Kelvin Cross Sections



9

Incident Energy (MeV)

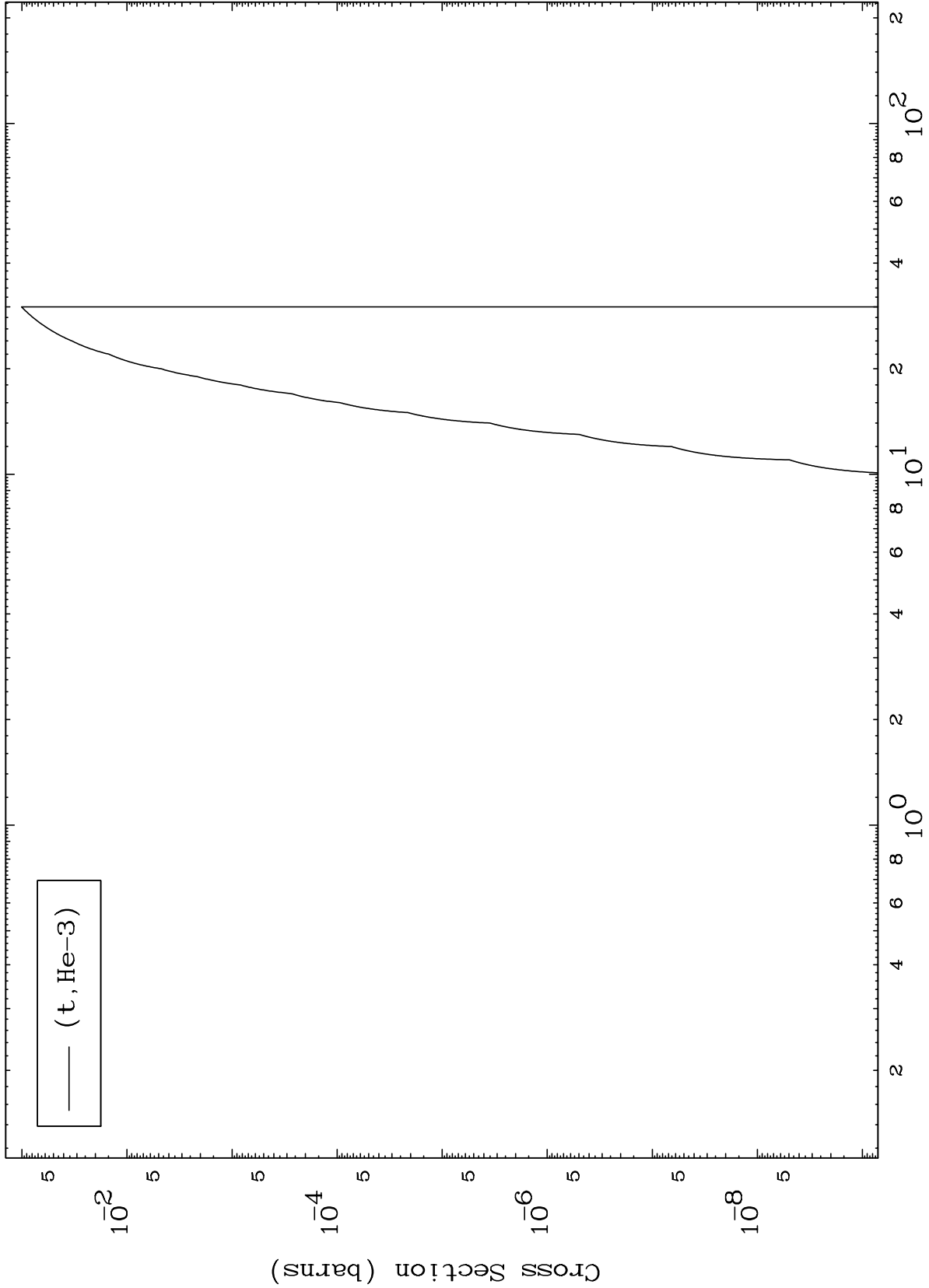
55-Cs-136

MAT 5534

(t,He3) Levels

55-Cs-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

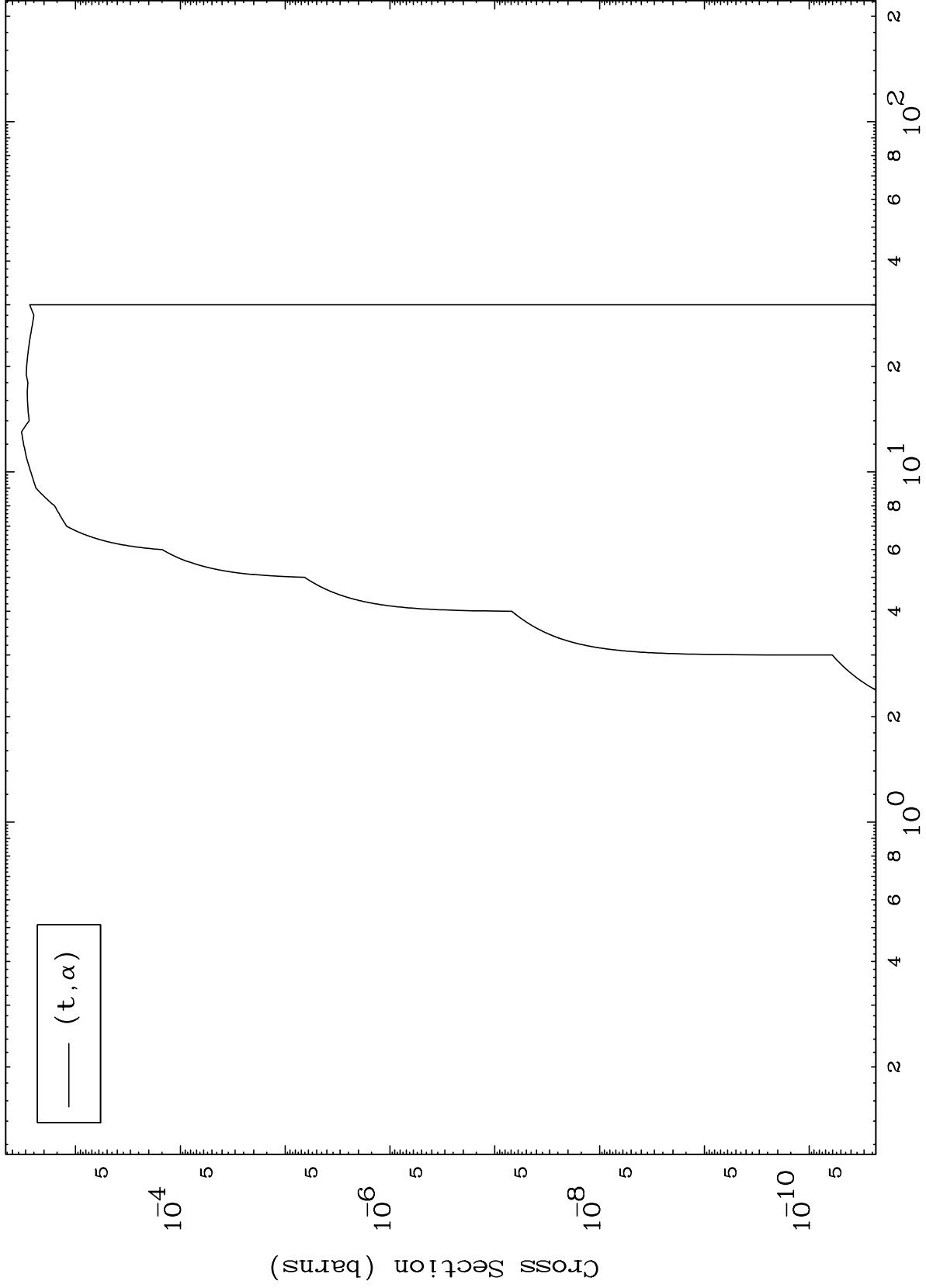
55-Cs-136

MAT 5534

(t,  $\alpha$ ) Levels

55-Cs-136

0 Kelvin Cross Sections

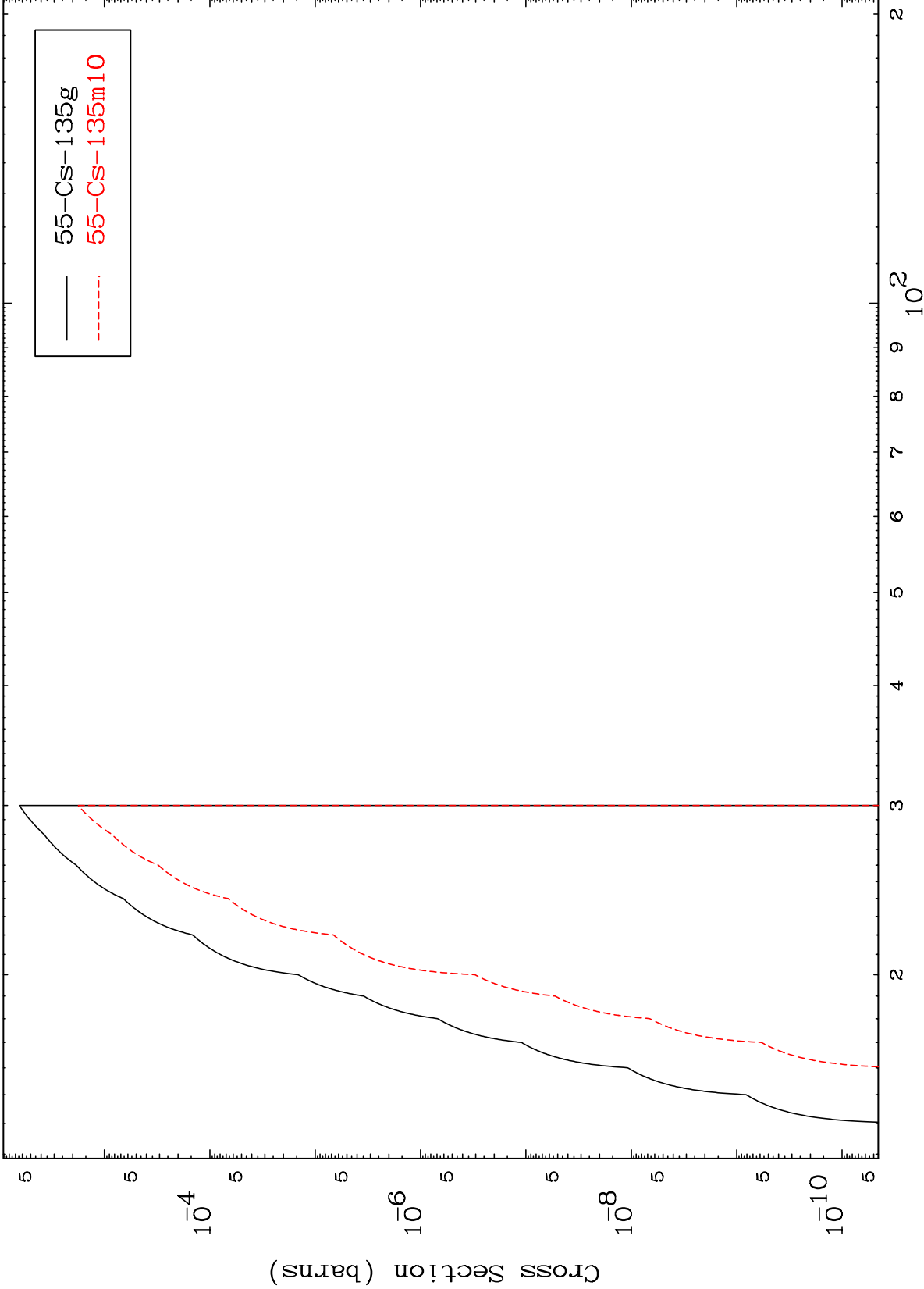


MAT 5534

(t,2n) d

55-Cs-136

Radionuclide Production Cross Section



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

12

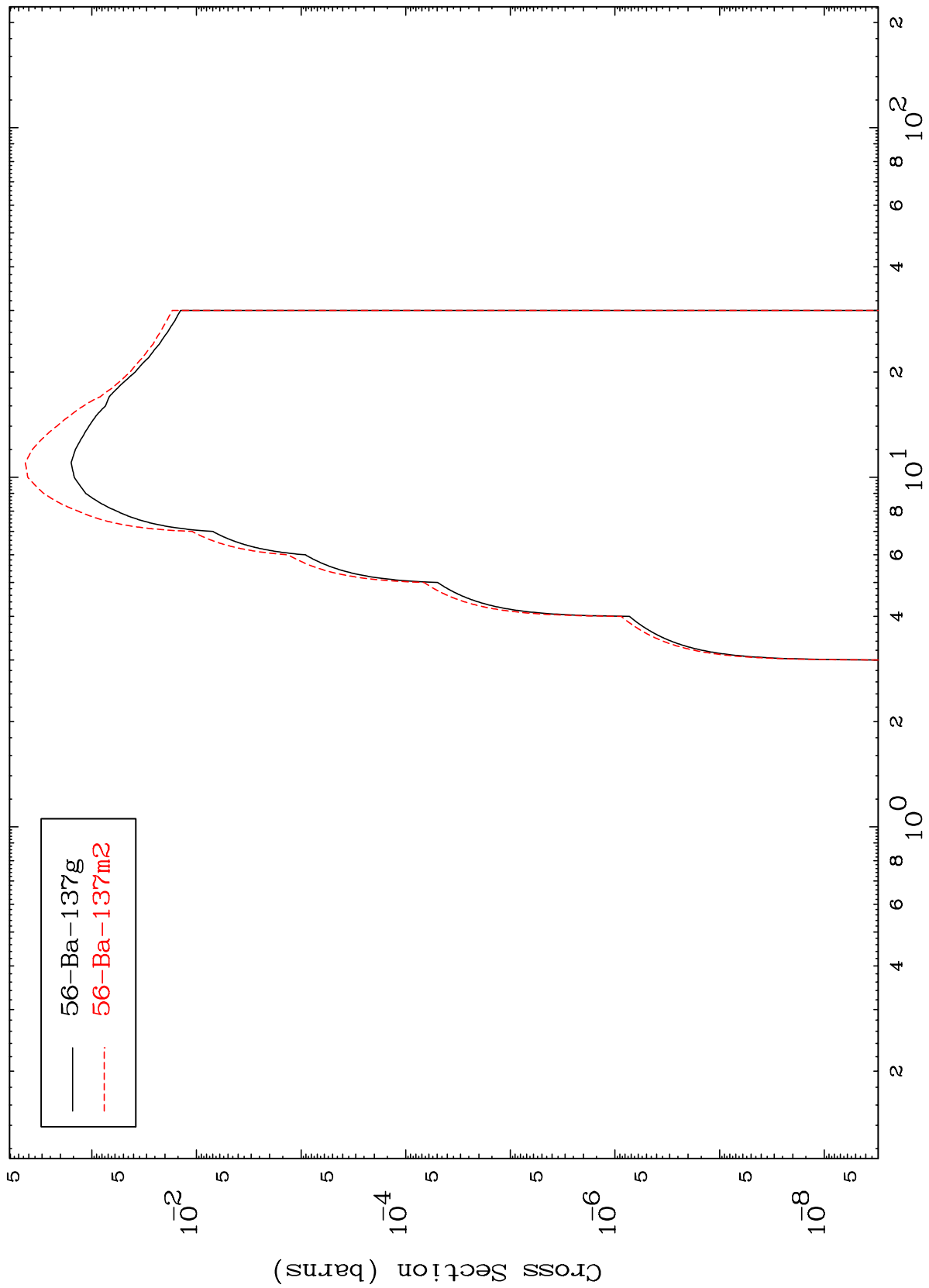
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(t,2n)  
Radionuclide Production Cross Section



55-Cs-136

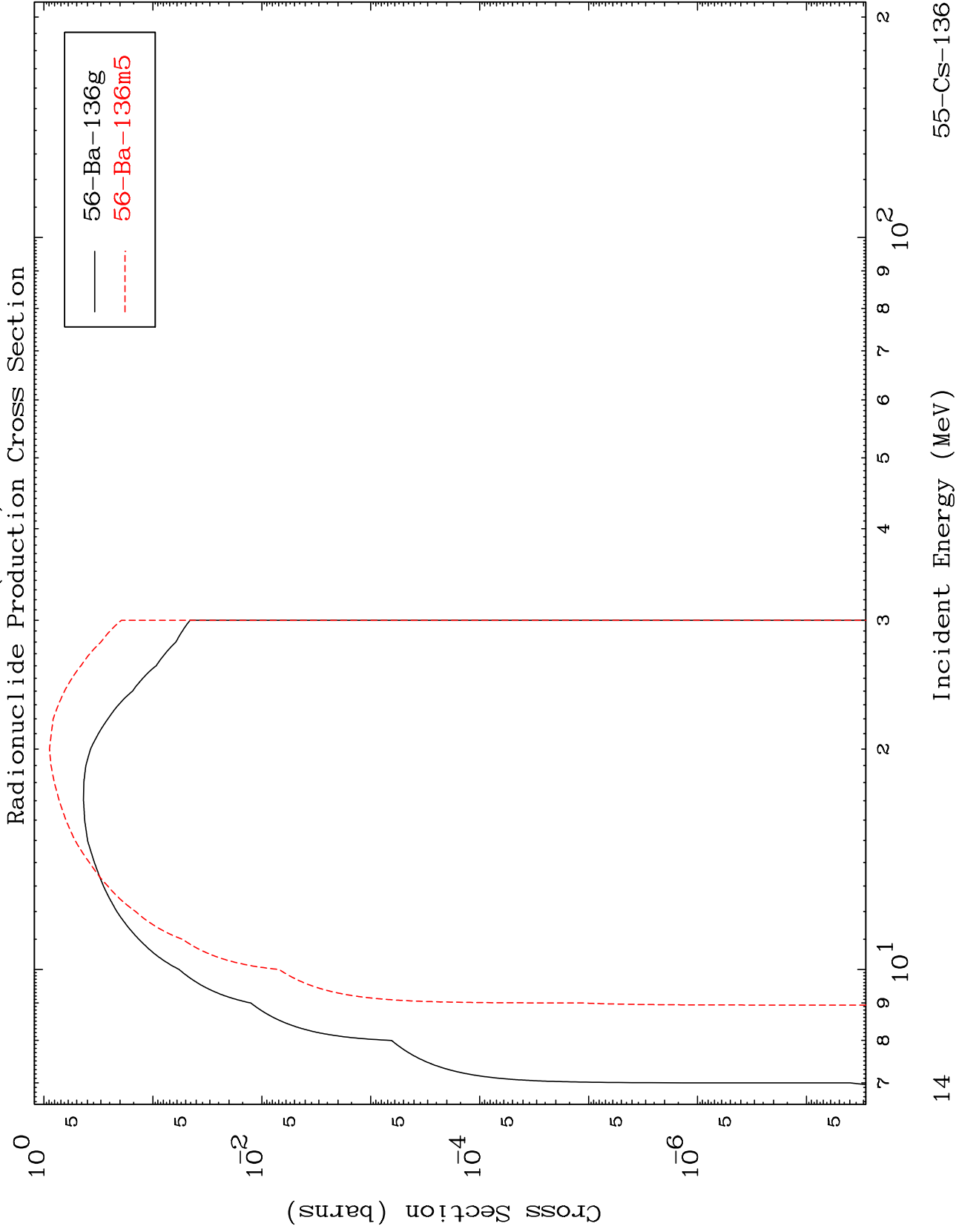
Incident Energy (MeV)

13

MAT 5534

(t,3n)

55-Cs-136

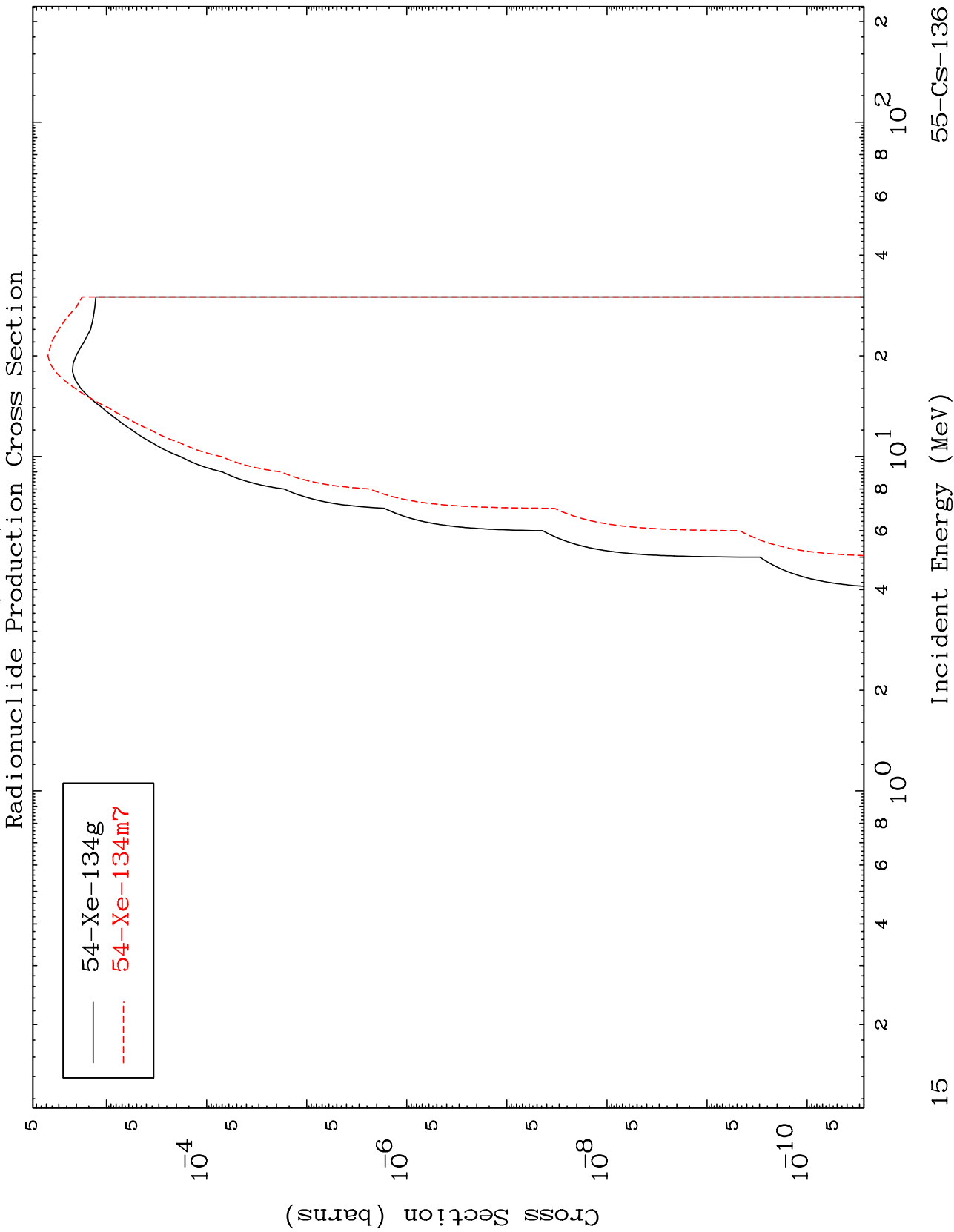


14

MAT 5534

(t,n')  $\alpha$

55-Cs-136



15

55-Cs-136

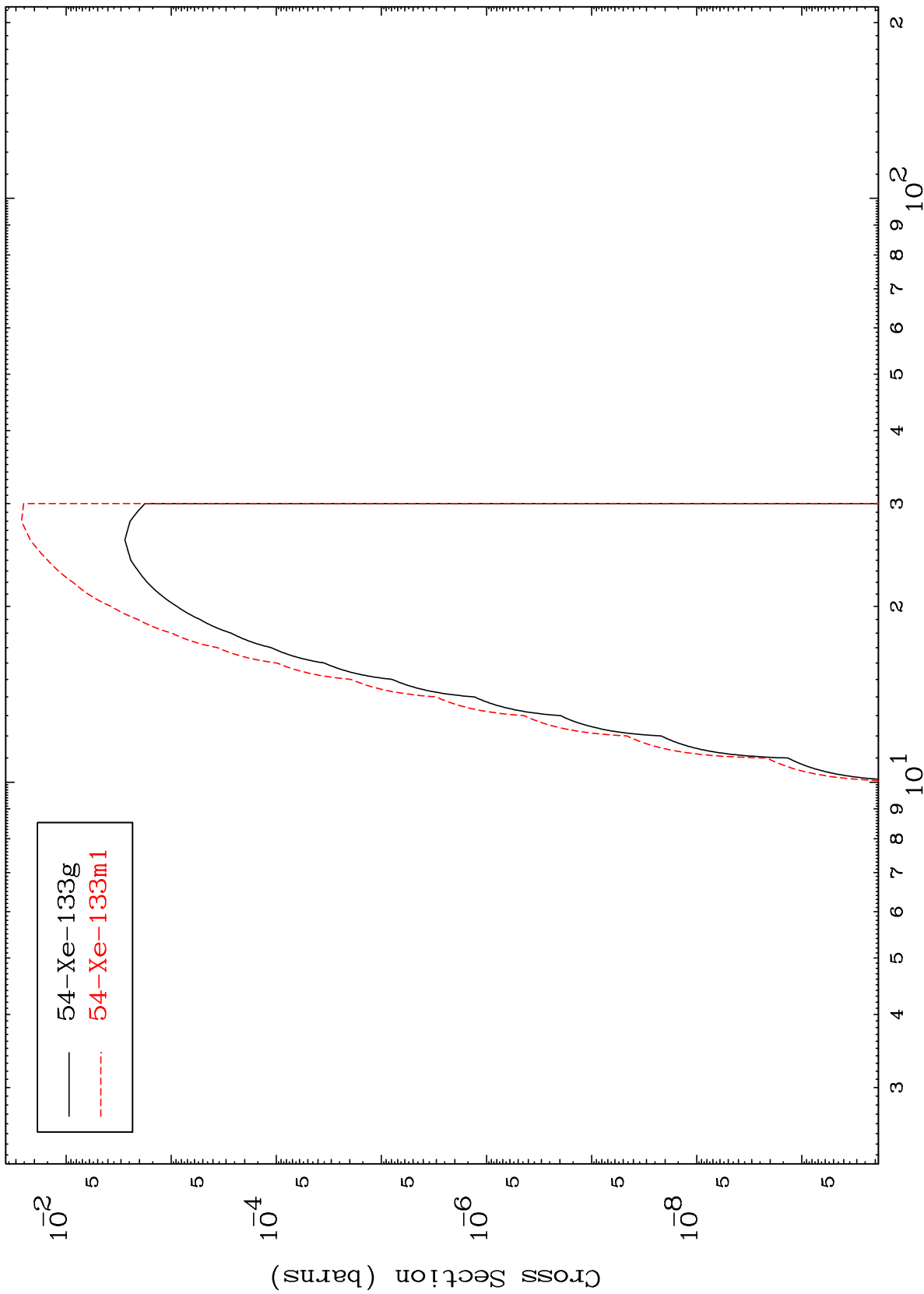


MAT 5534

(t,2n)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



— 54-Xe-133g  
- - - 54-Xe-133m1

Incident Energy (MeV)

55-Cs-136

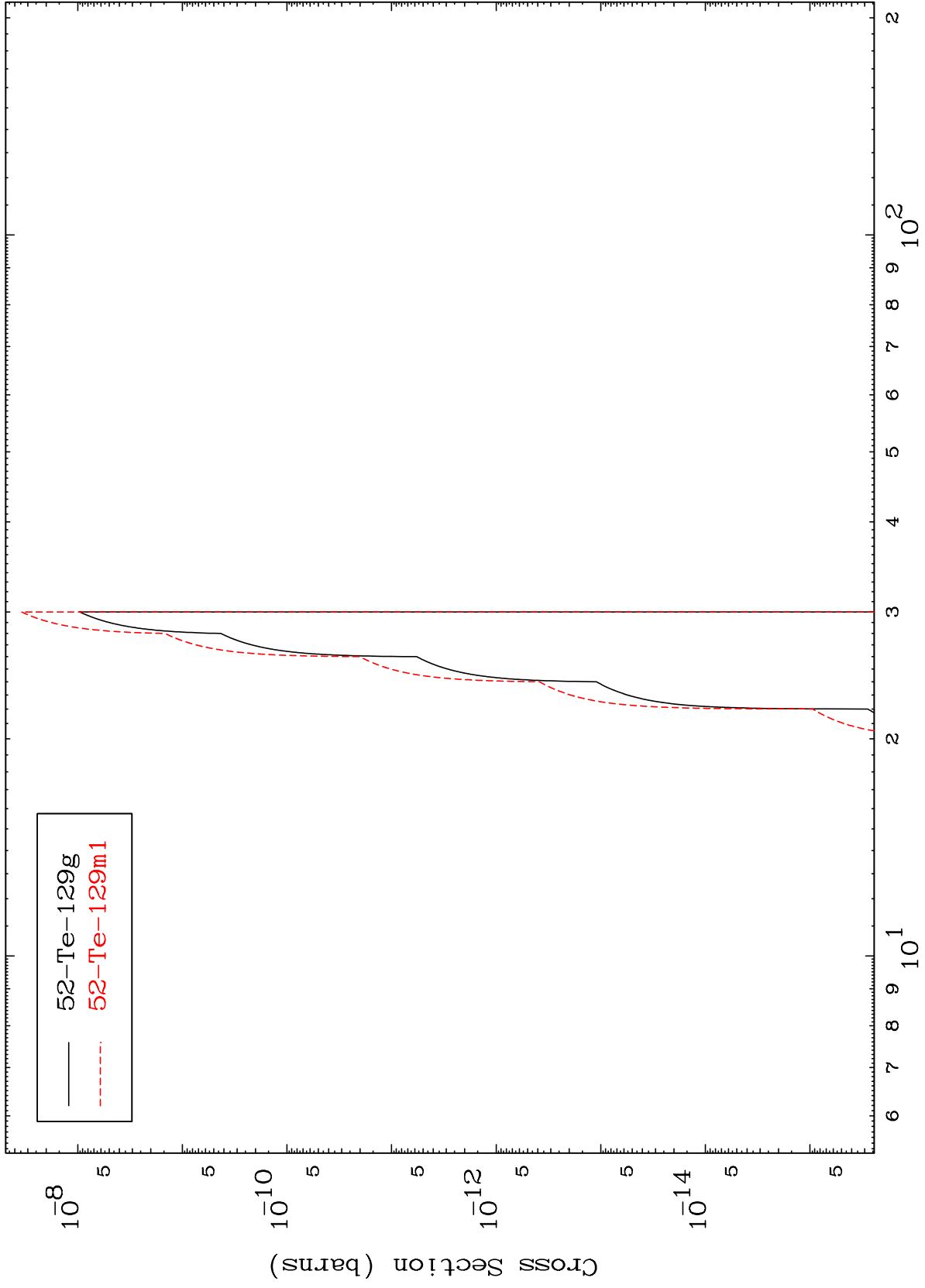
16

MAT 5534

(t,2n) 2α

55-Cs-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

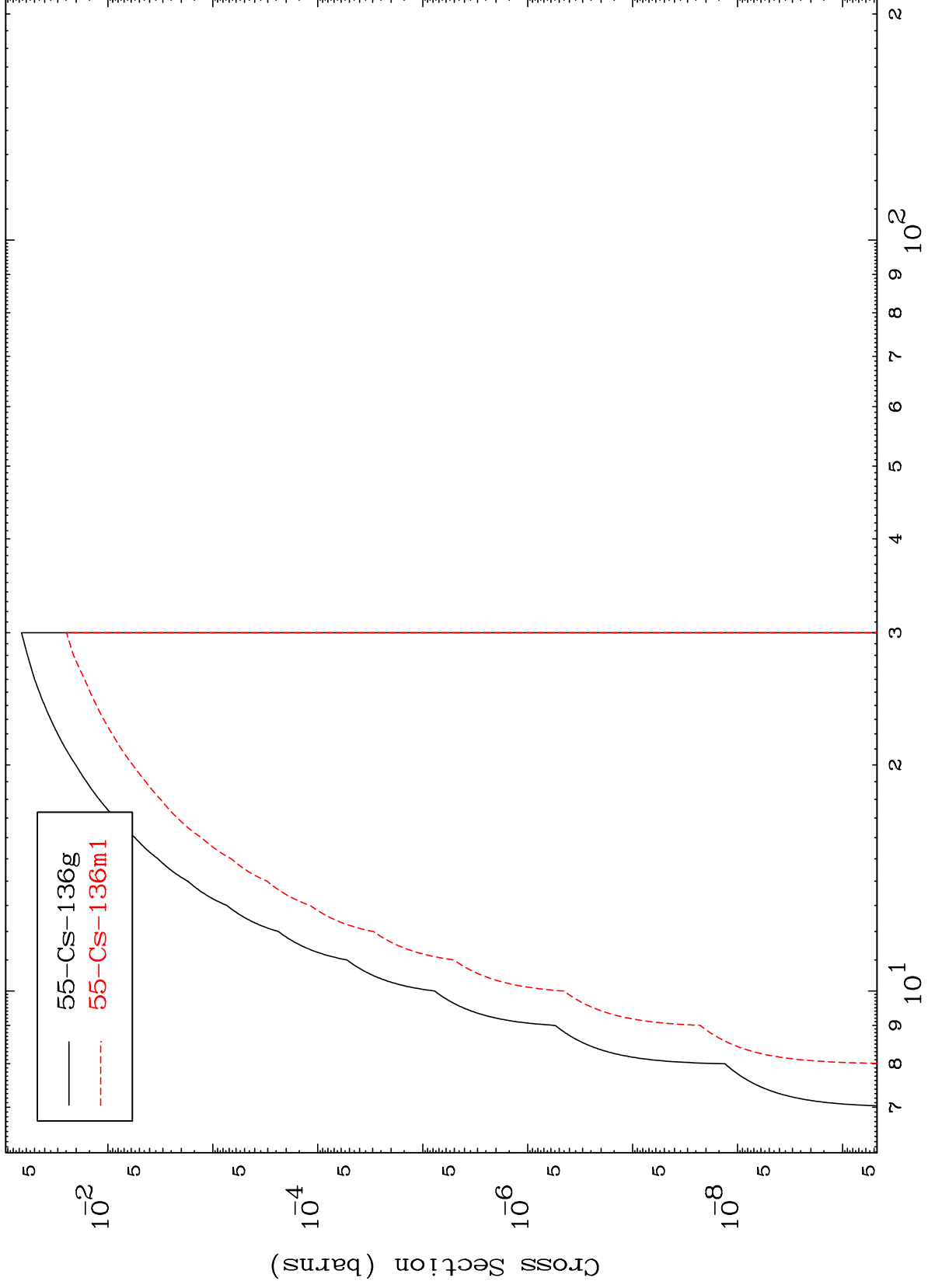
55-Cs-136

MAT 5534

(t,n') d

55-Cs-136

Radionuclide Production Cross Section



18

Incident Energy (MeV)

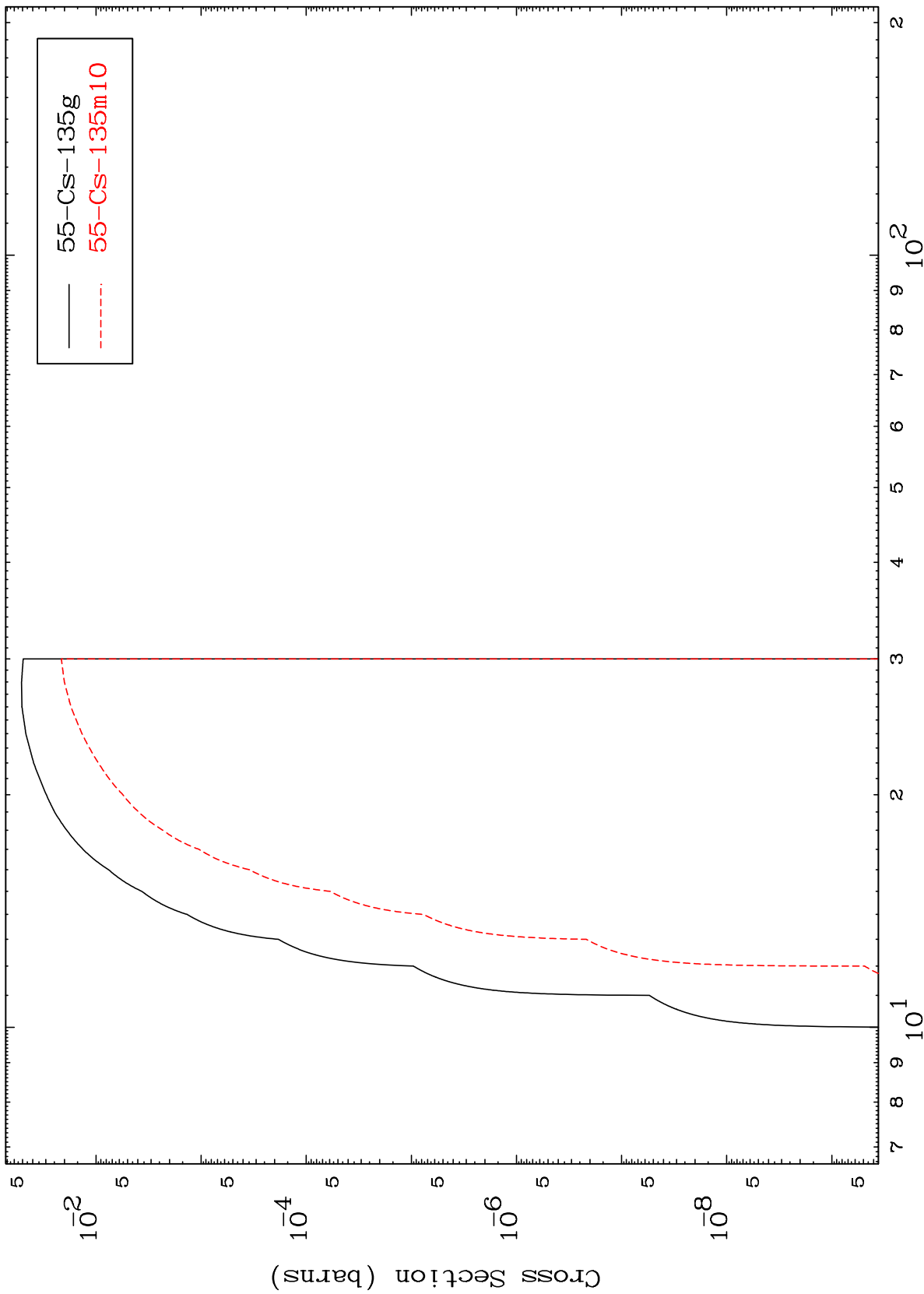
55-Cs-136

MAT 5534

(t,n') t

55-Cs-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

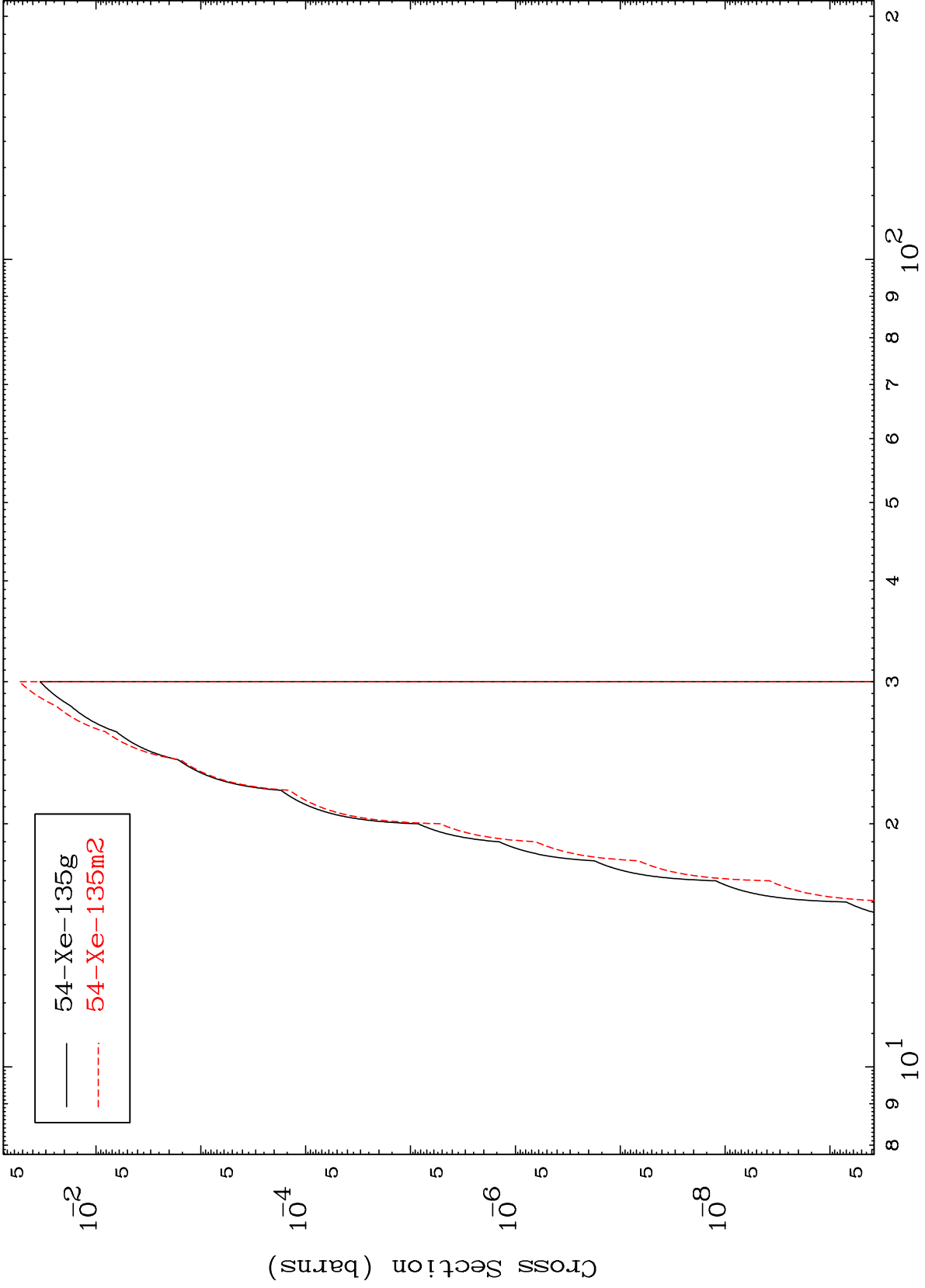
55-Cs-136

MAT 5534

(t,n') He-3

55-Cs-136

Radionuclide Production Cross Section



20

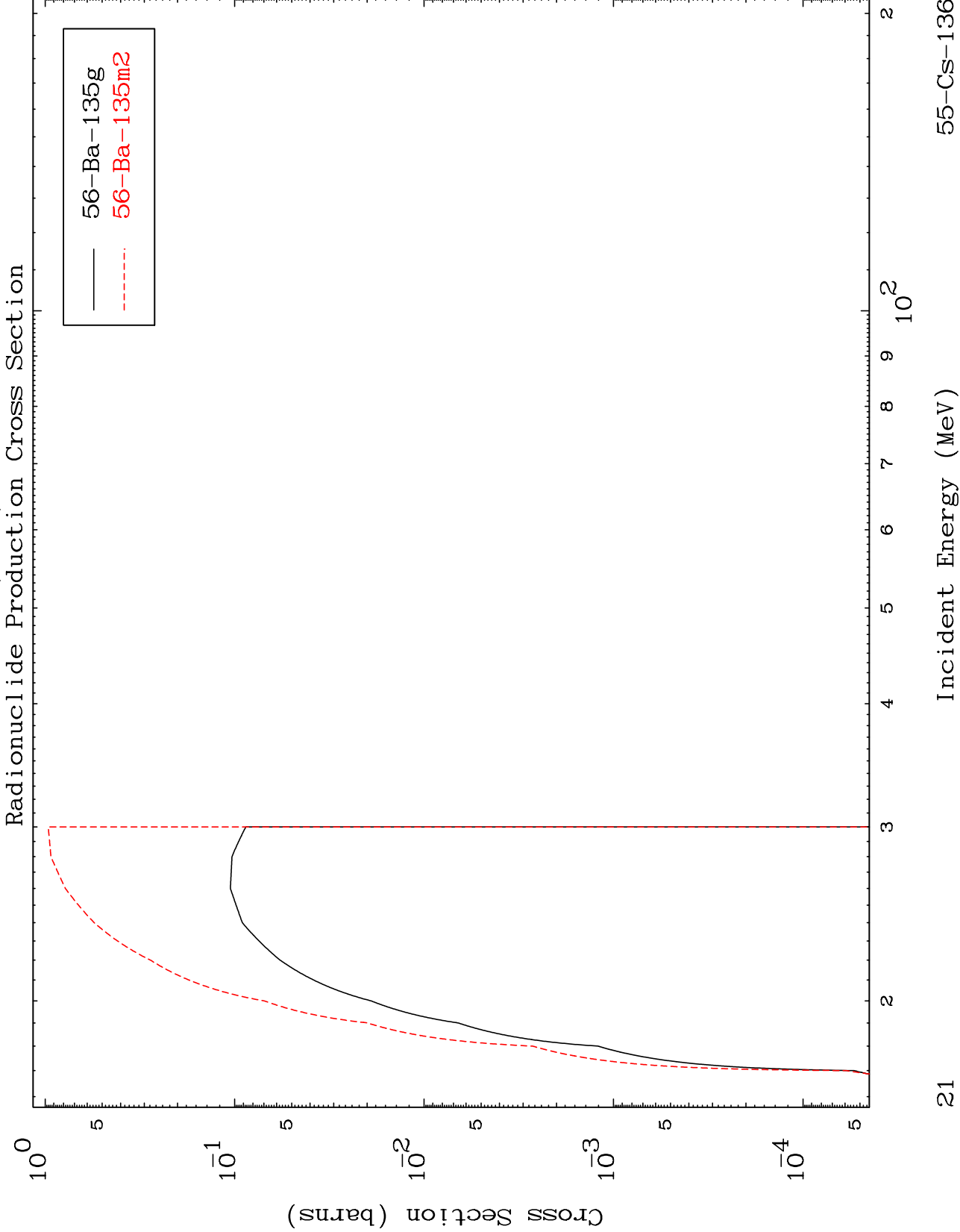
Incident Energy (MeV)

55-Cs-136

MAT 5534

(t,4n)

55-Cs-136

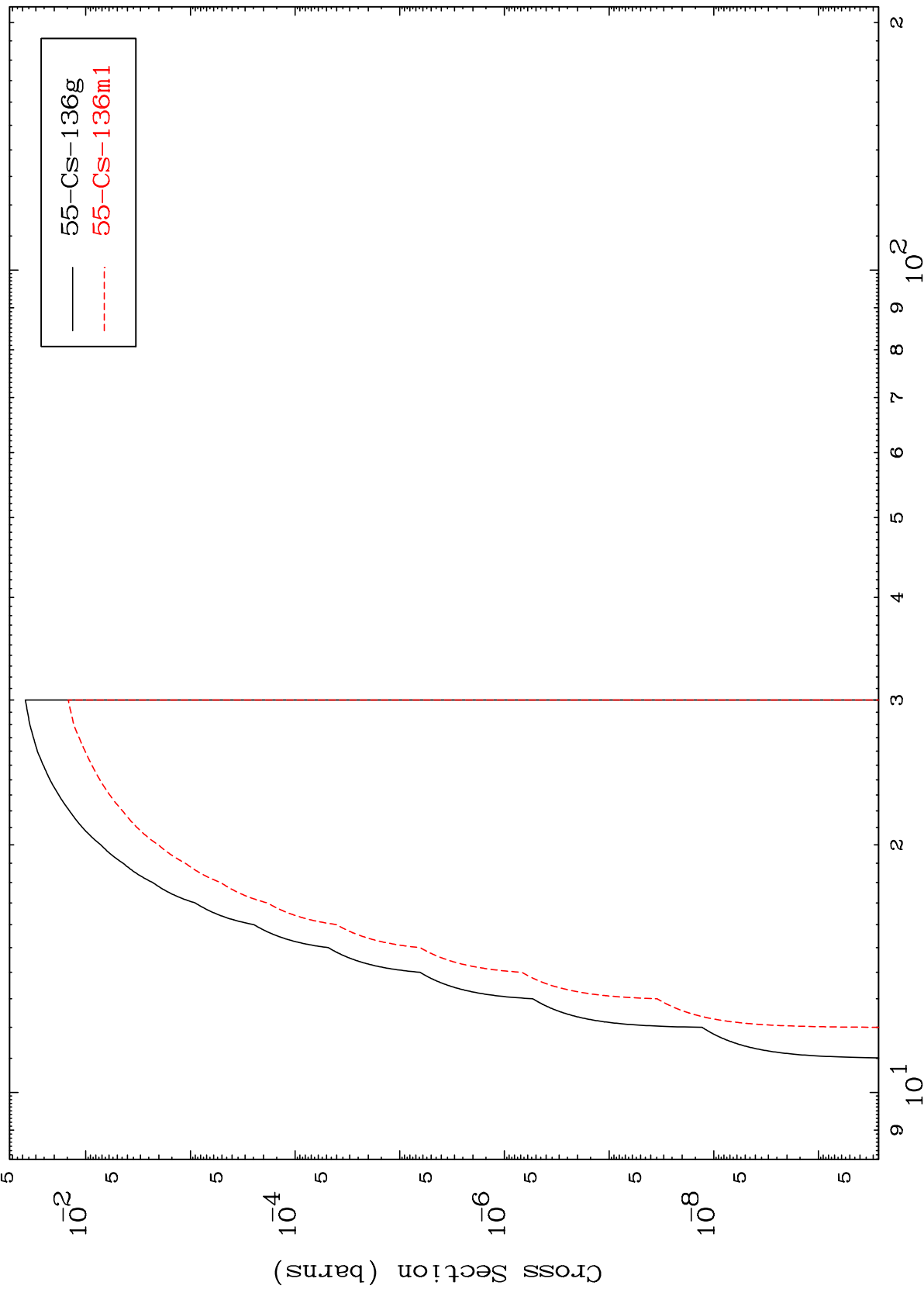


MAT 5534

(t,2n) p

55-Cs-136

Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

22

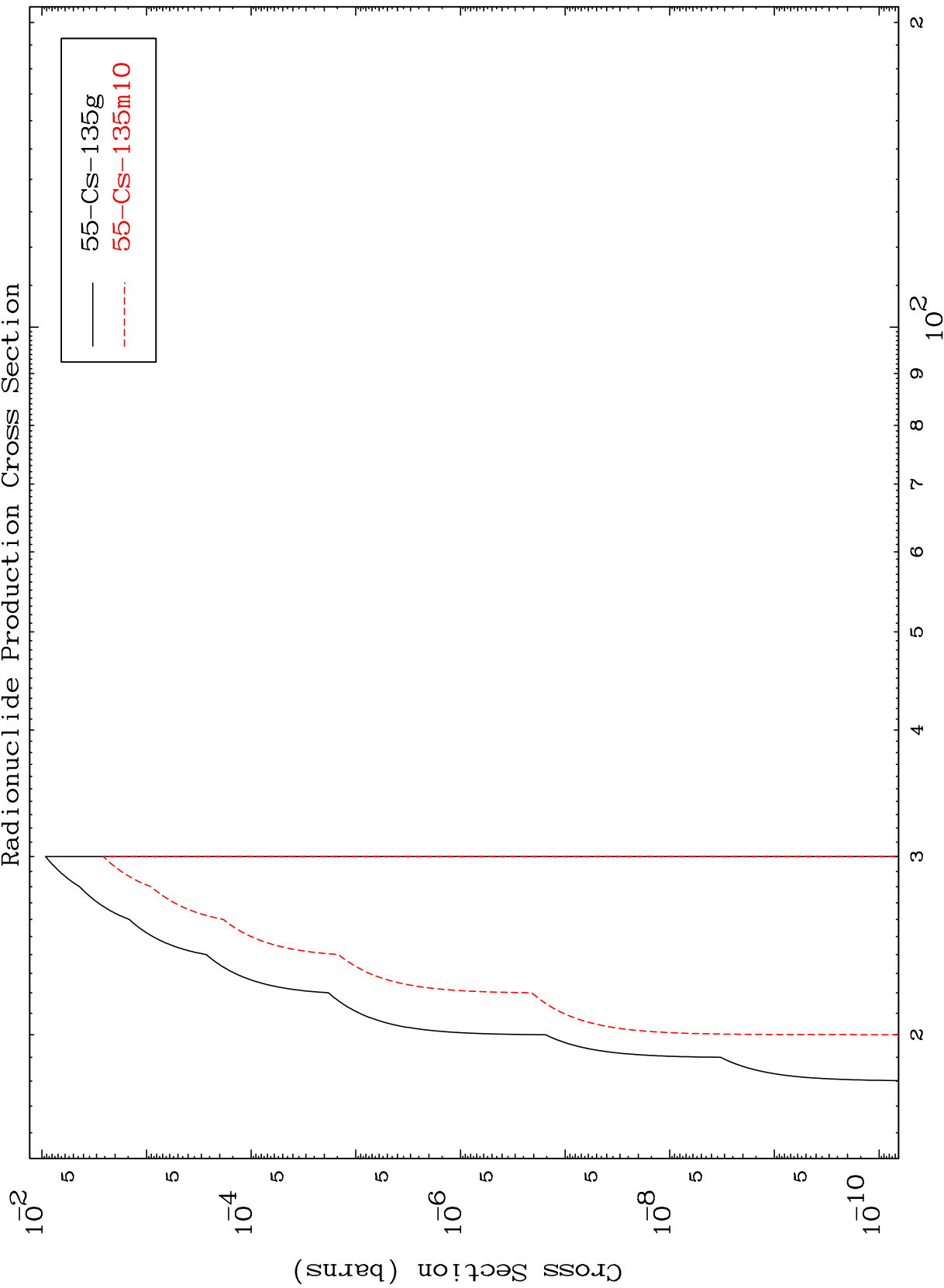
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(t,3n) p  
Radionuclide Production Cross Section



23

55-Cs-136

Incident Energy (MeV)

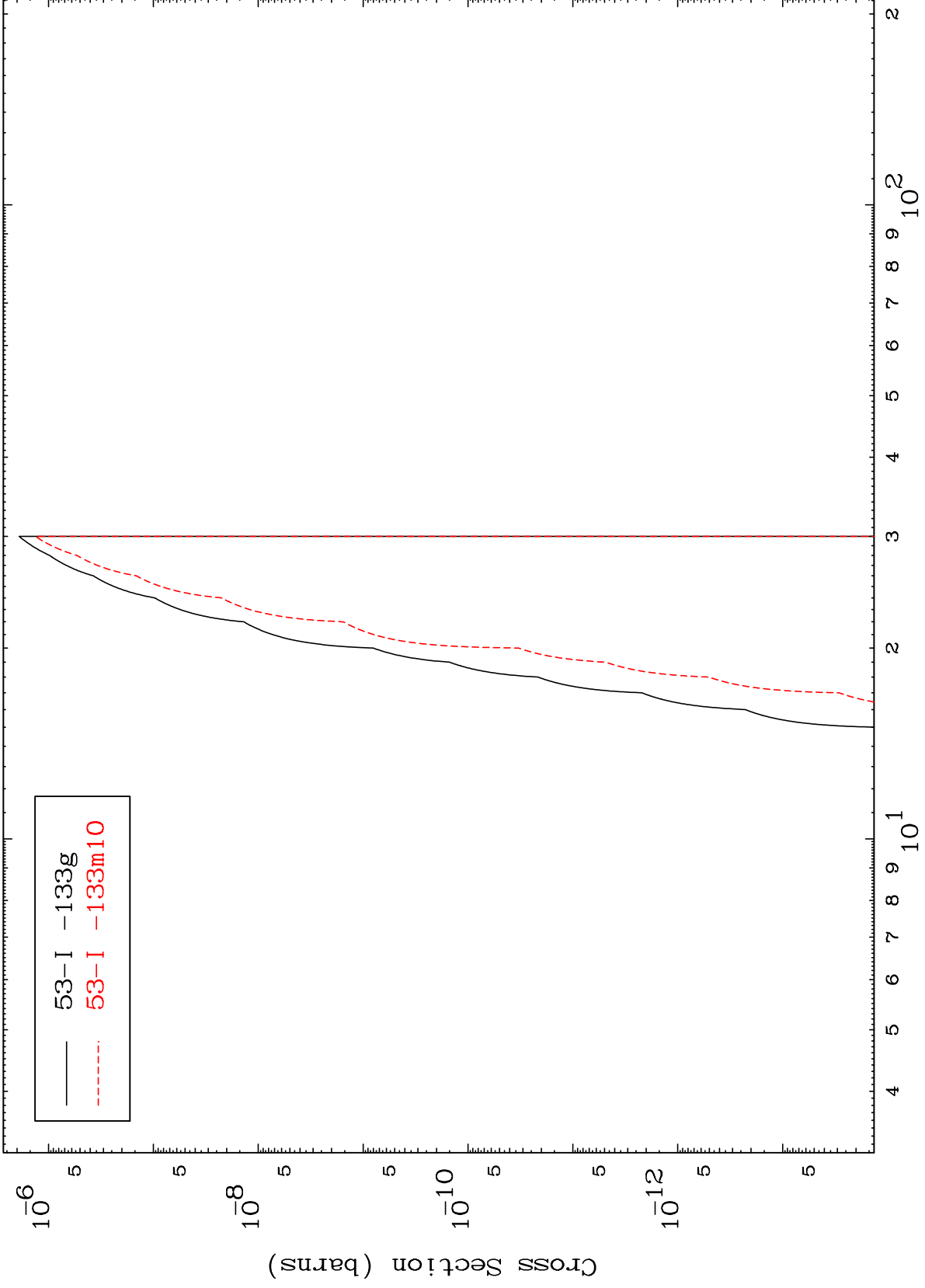


MAT 5534

(t,n') p  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



24

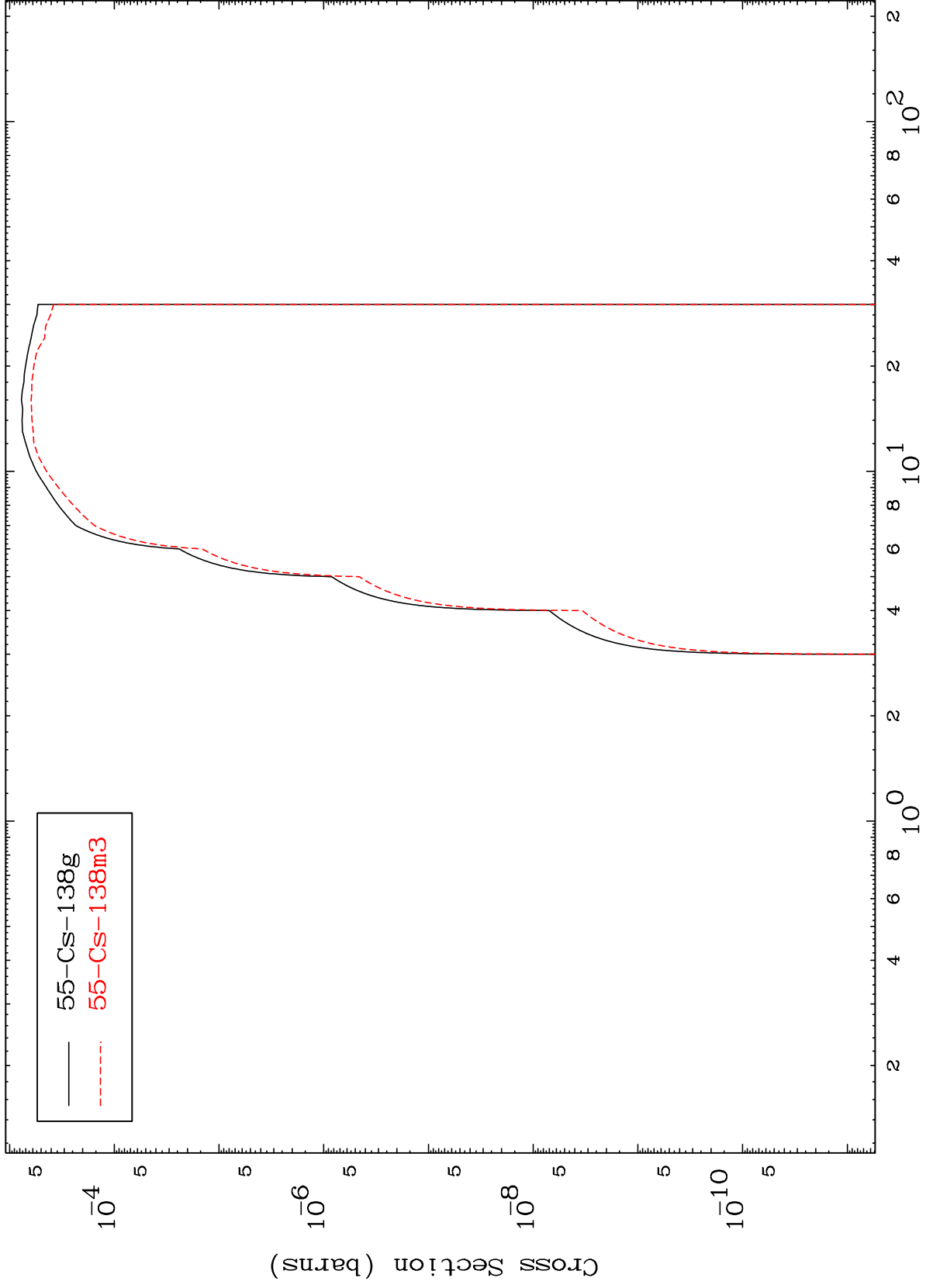
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(t,p)  
Radionuclide Production Cross Section



25

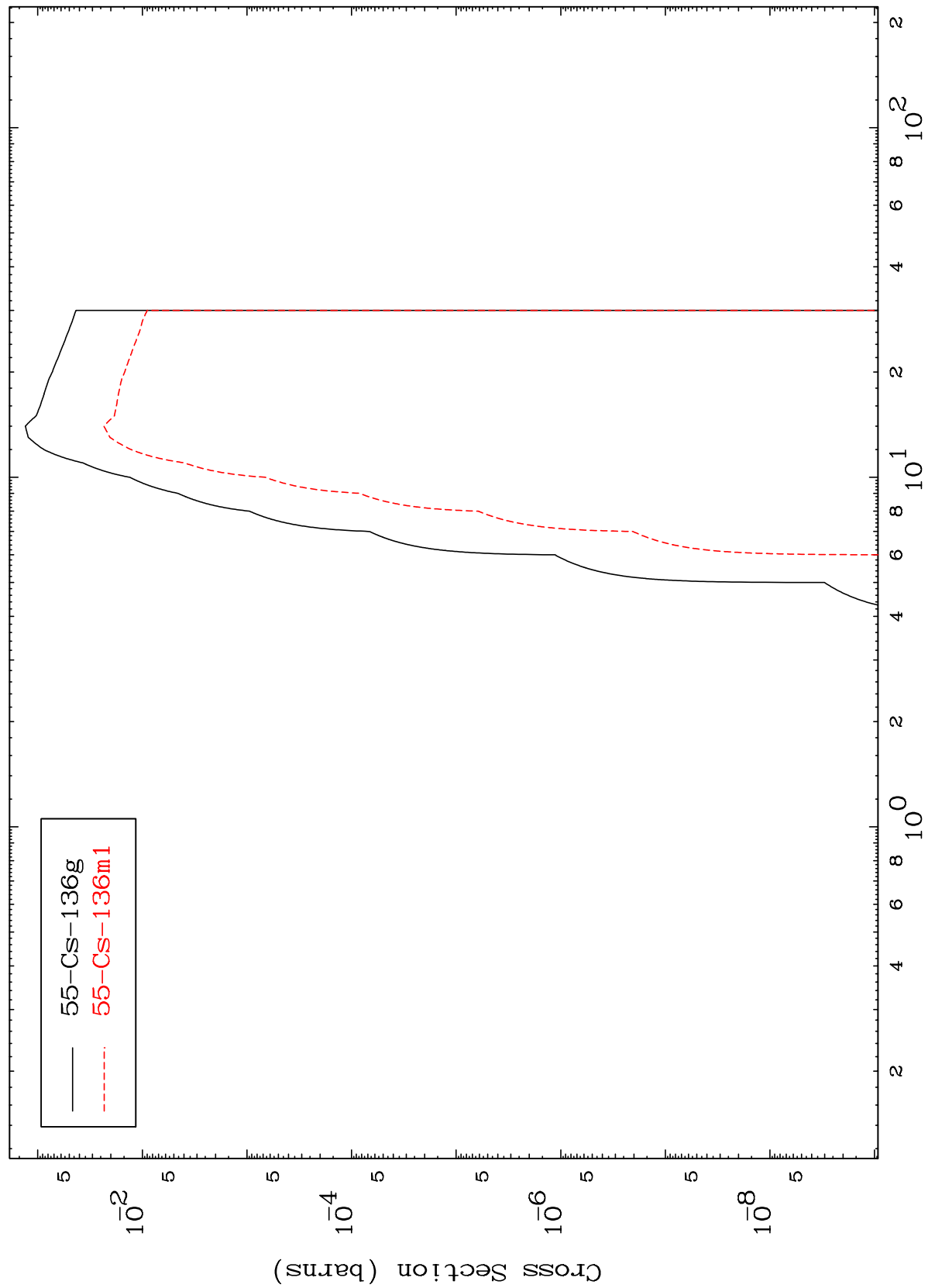
55-Cs-136

Incident Energy (MeV)

MAT 5534

55-Cs-136

(t, t)  
Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m1

26

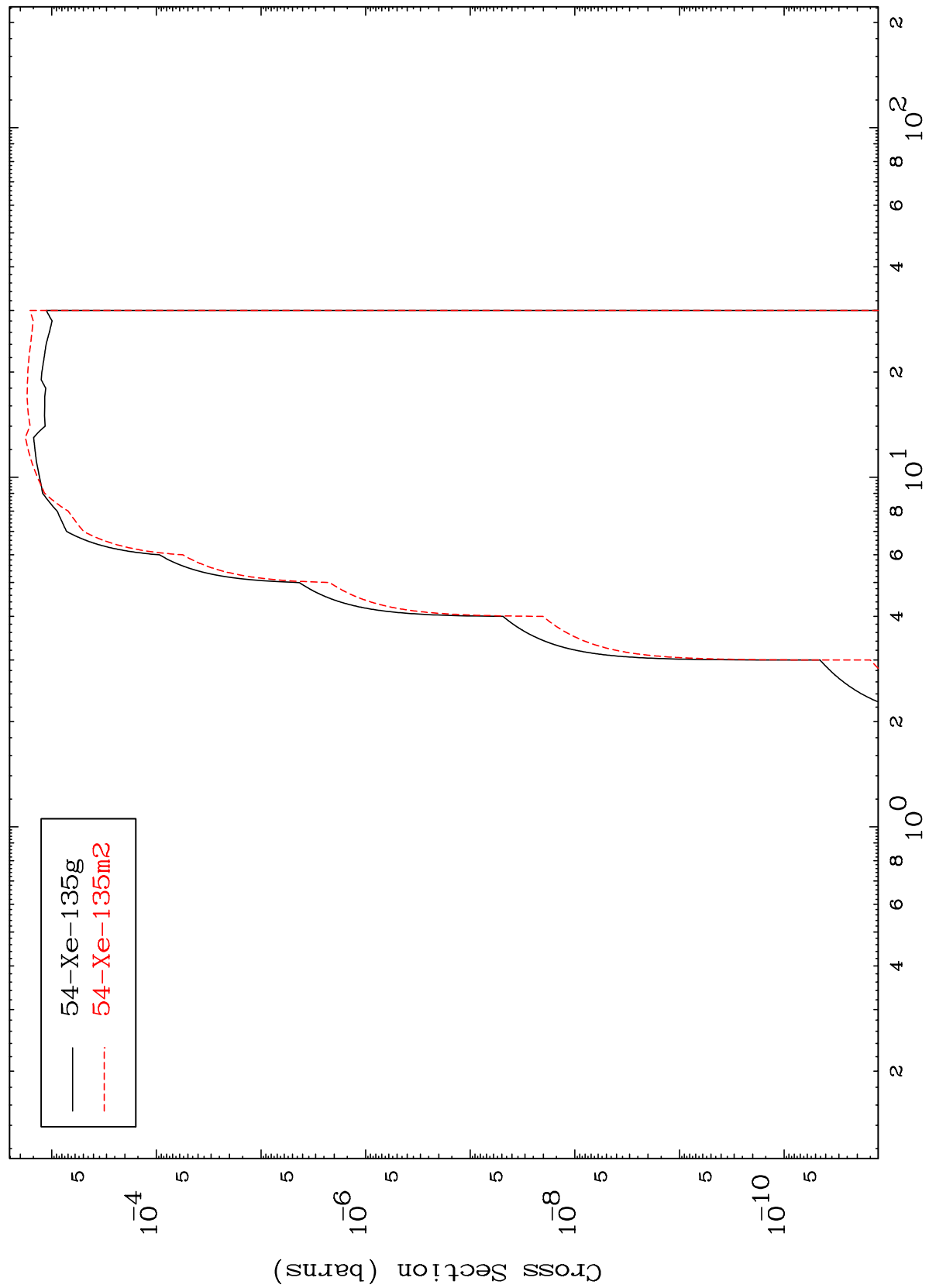
55-Cs-136

Incident Energy (MeV)

MAT 5534

55-Cs-136

(t,  $\alpha$ )  
Radionuclide Production Cross Section

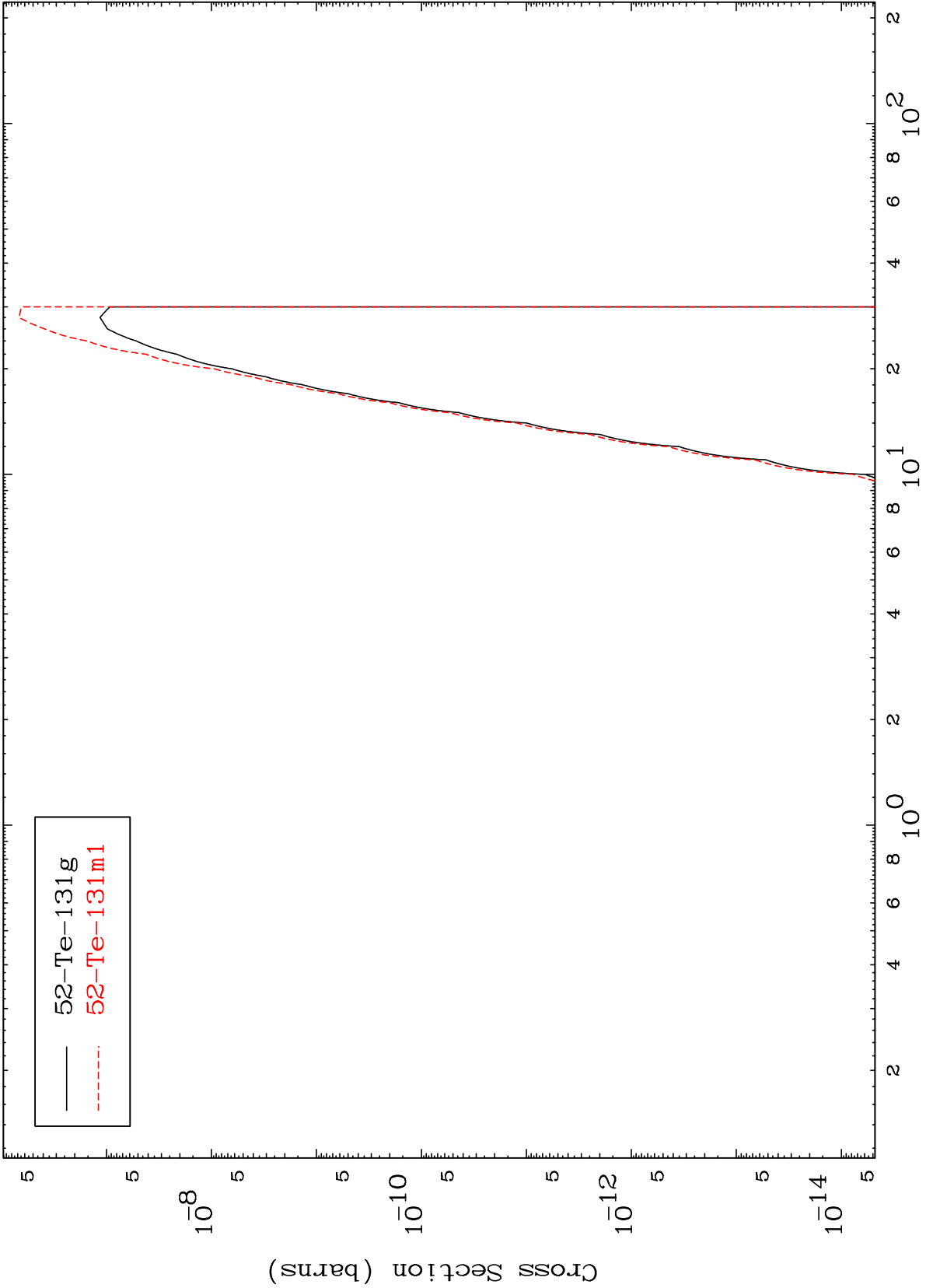


MAT 5534

(t,2α)

55-Cs-136

Radionuclide Production Cross Section

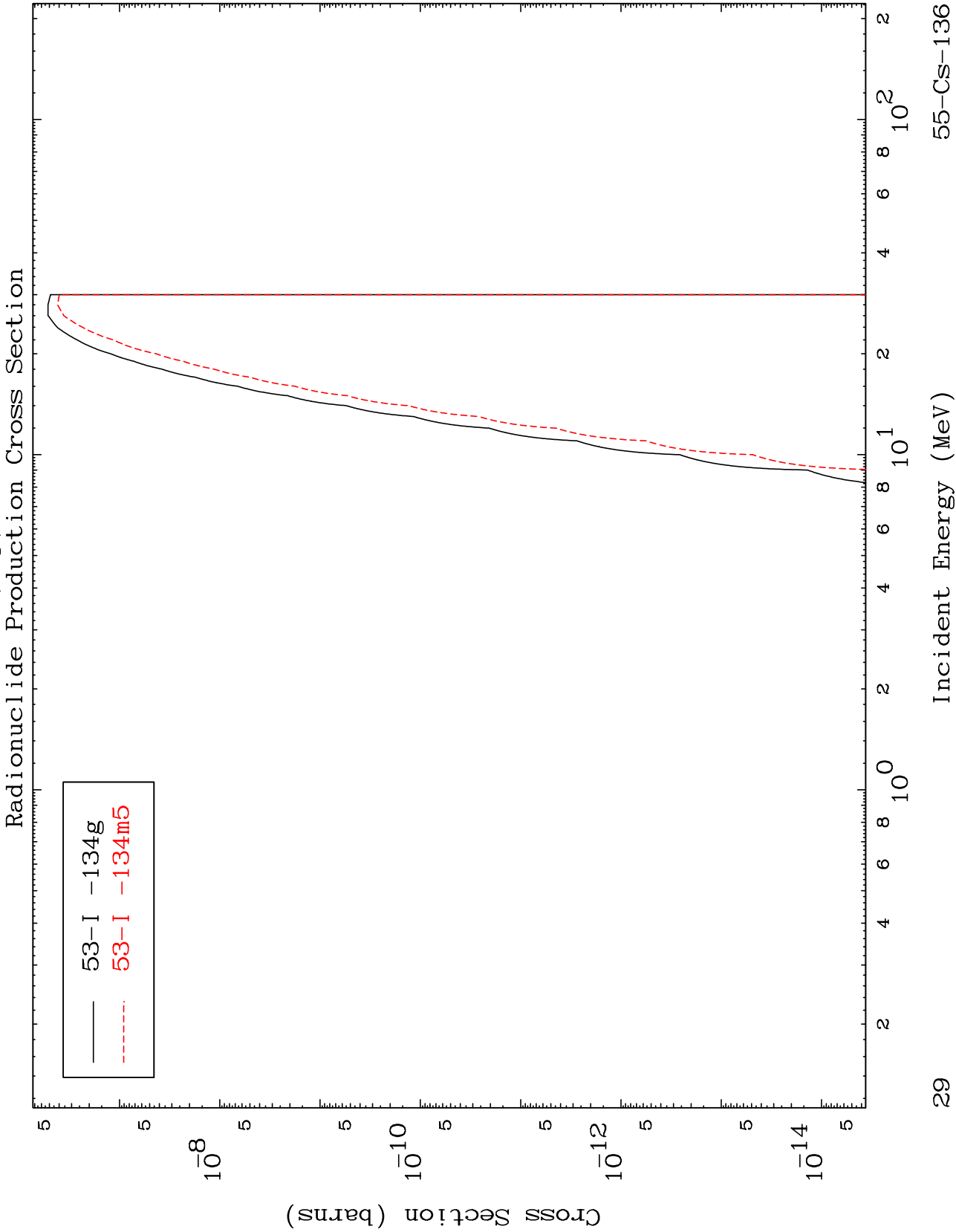


— 52-Te-131g  
- - - 52-Te-131m1

MAT 5534

(t,p)  $\alpha$

55-Cs-136

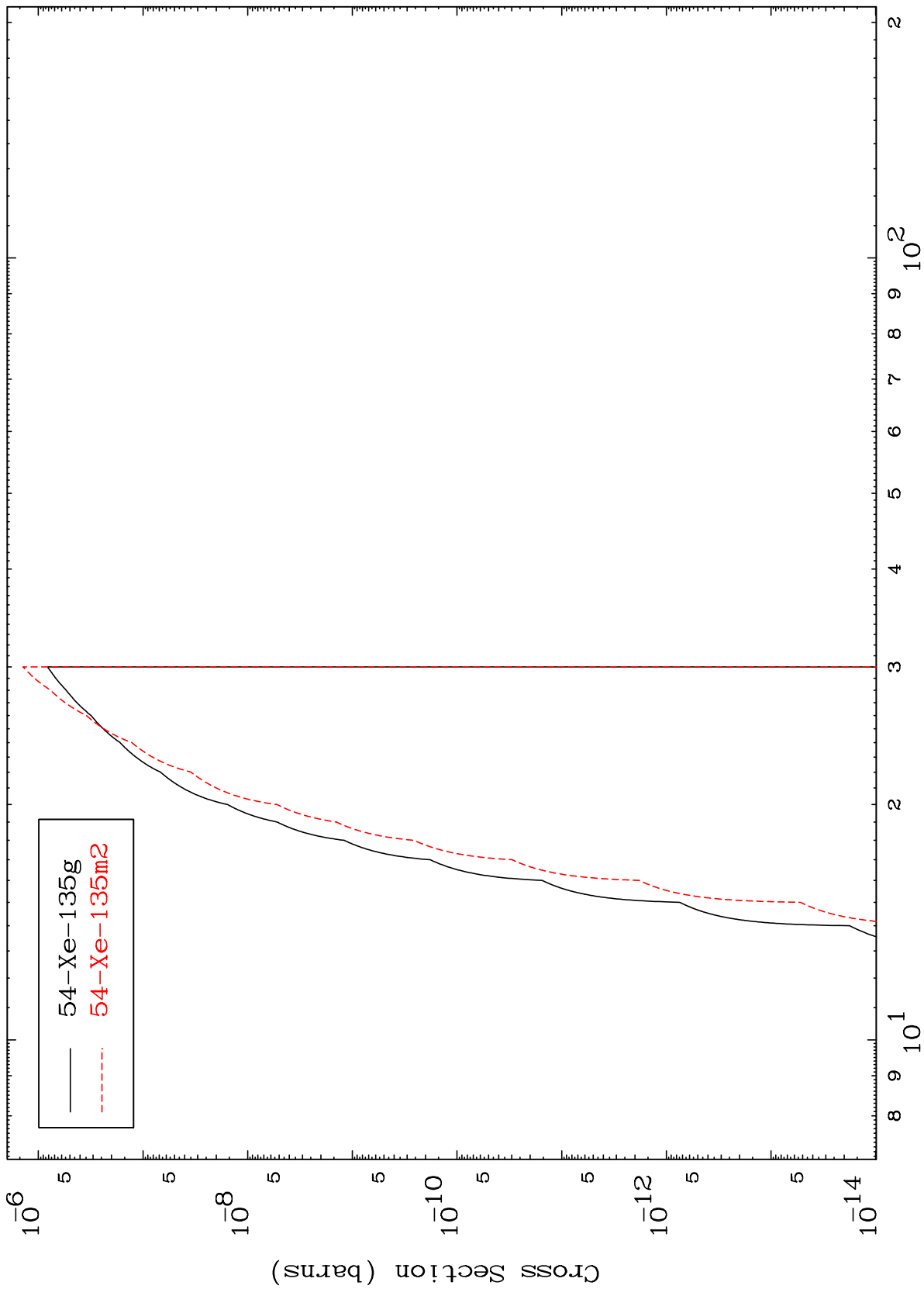


MAT 5534

(t,p) t

55-Cs-136

Radionuclide Production Cross Section



30

Incident Energy (MeV)

55-Cs-136

MAT 5534

(t,d)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section

