

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

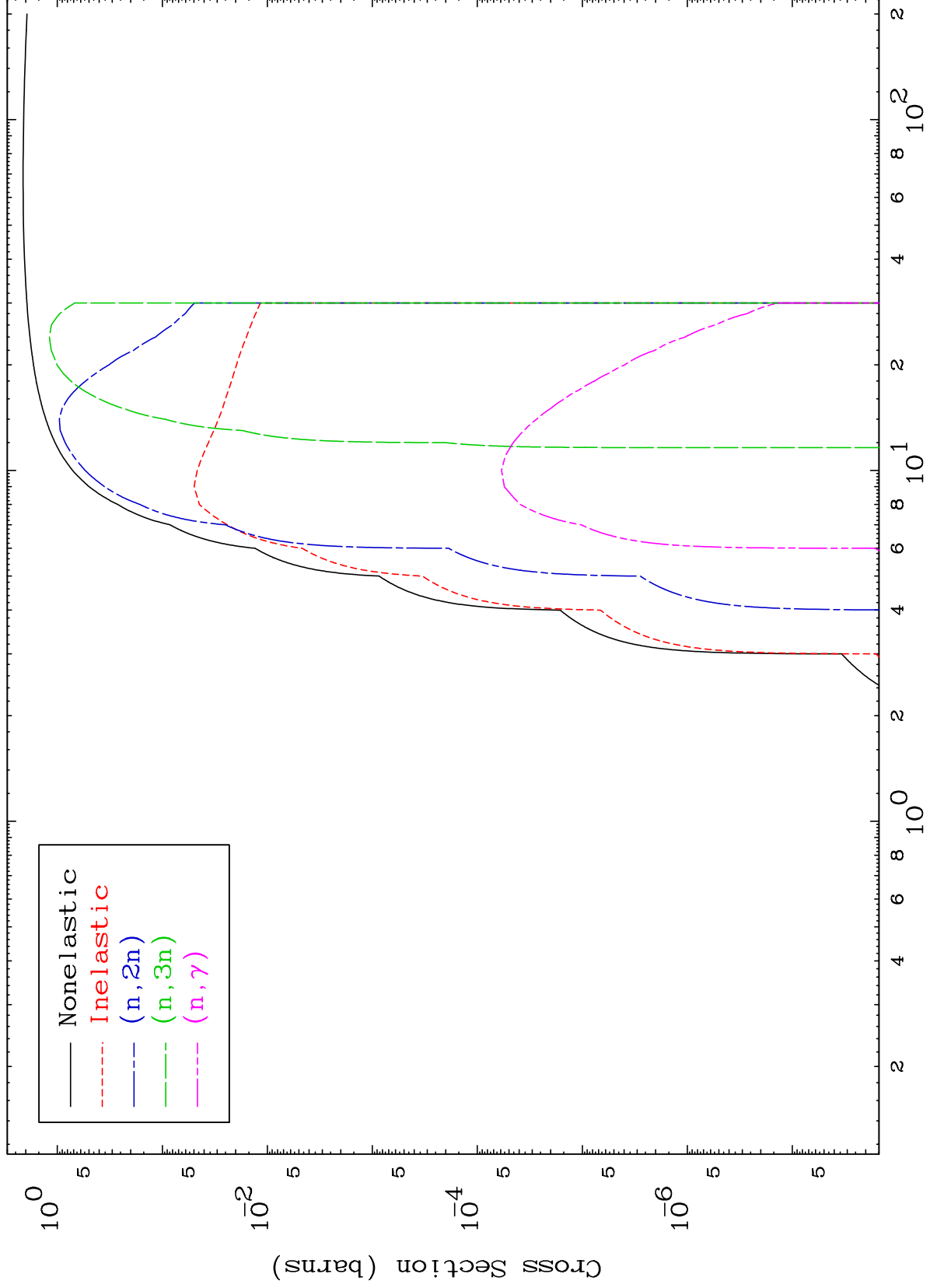
Press Mouse Button to Start

MAT 5434

Triton Major

54-Xe-127

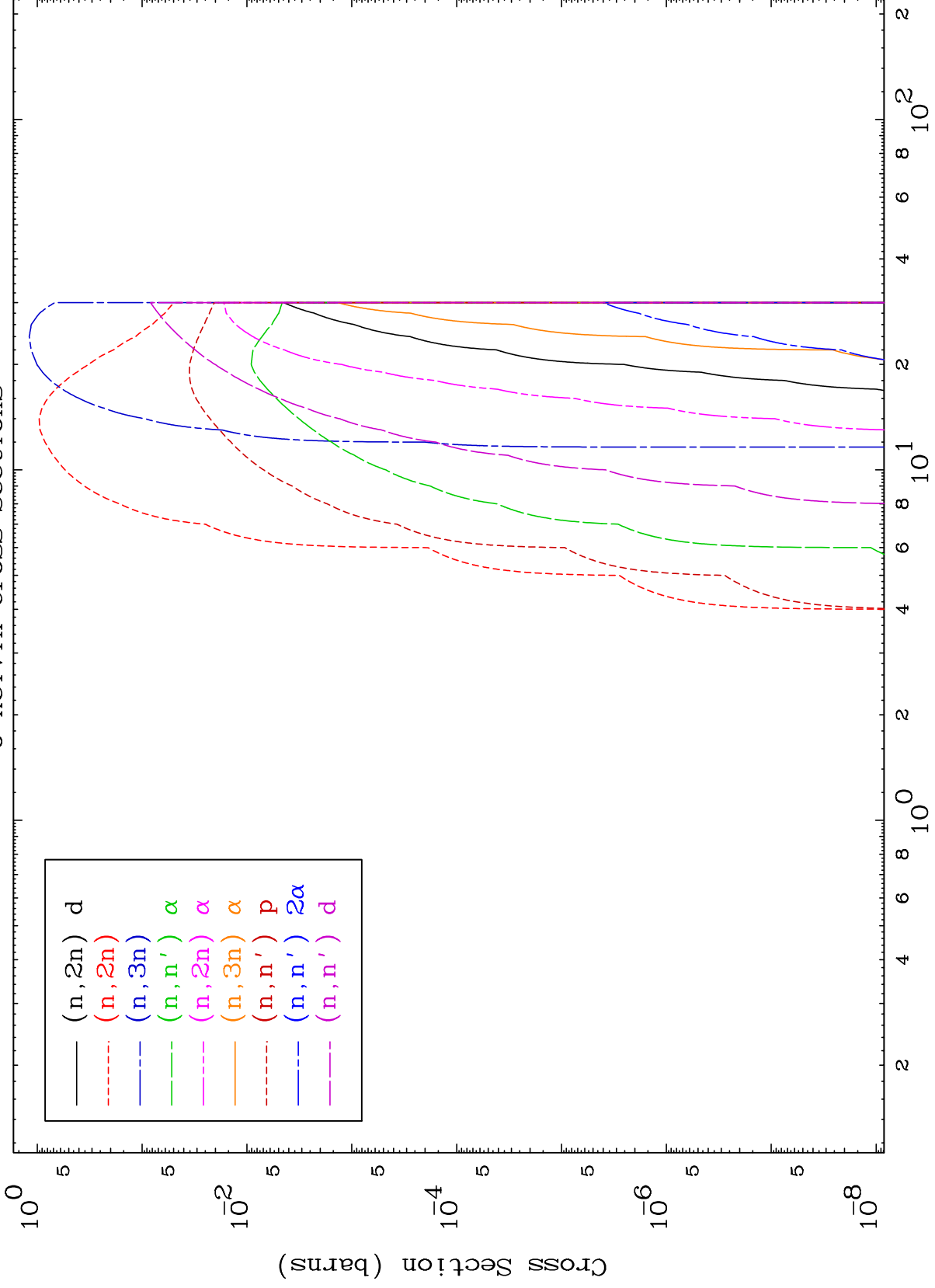
0 Kelvin Cross Sections

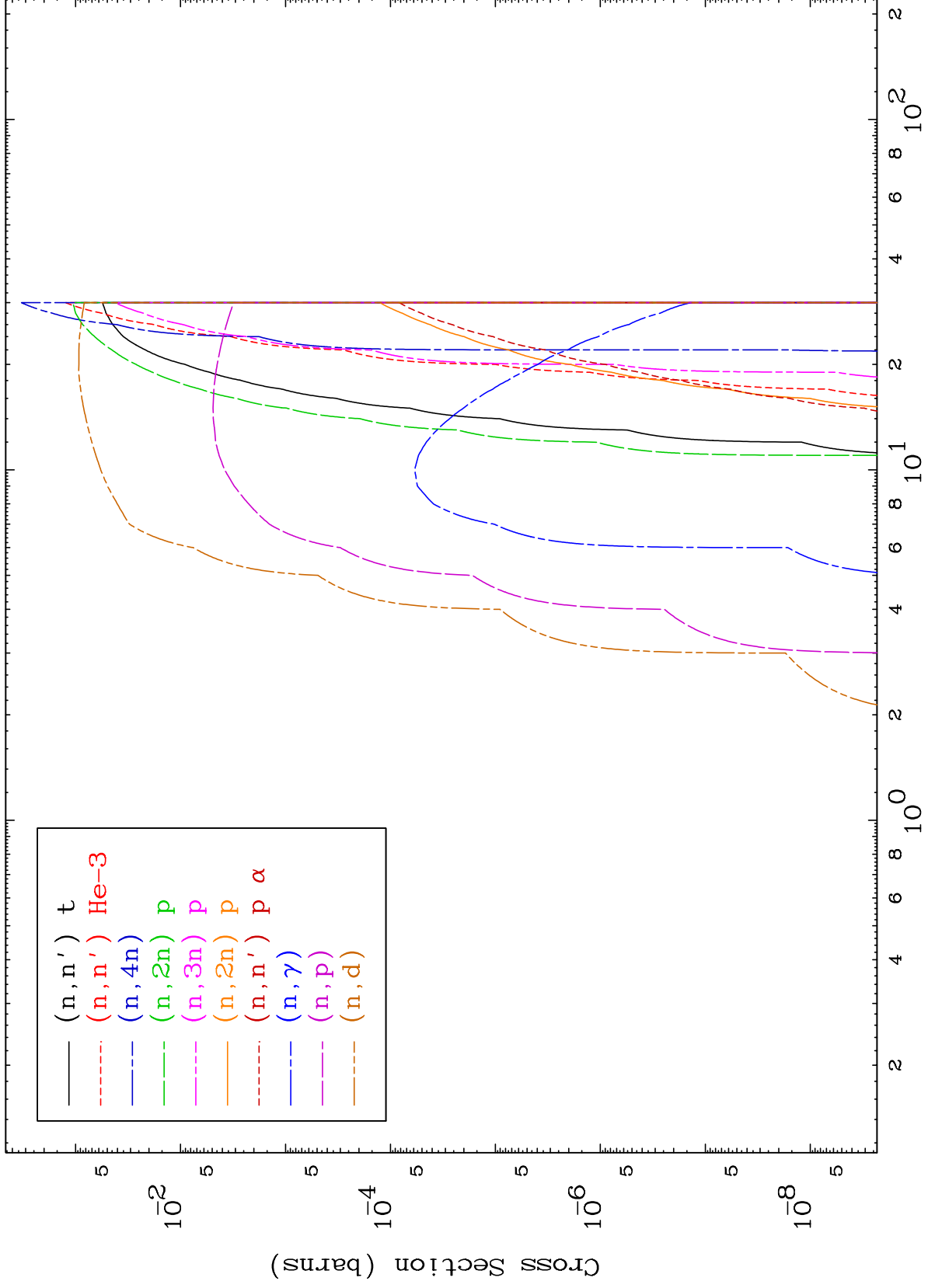


MAT 5434

Triton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-127

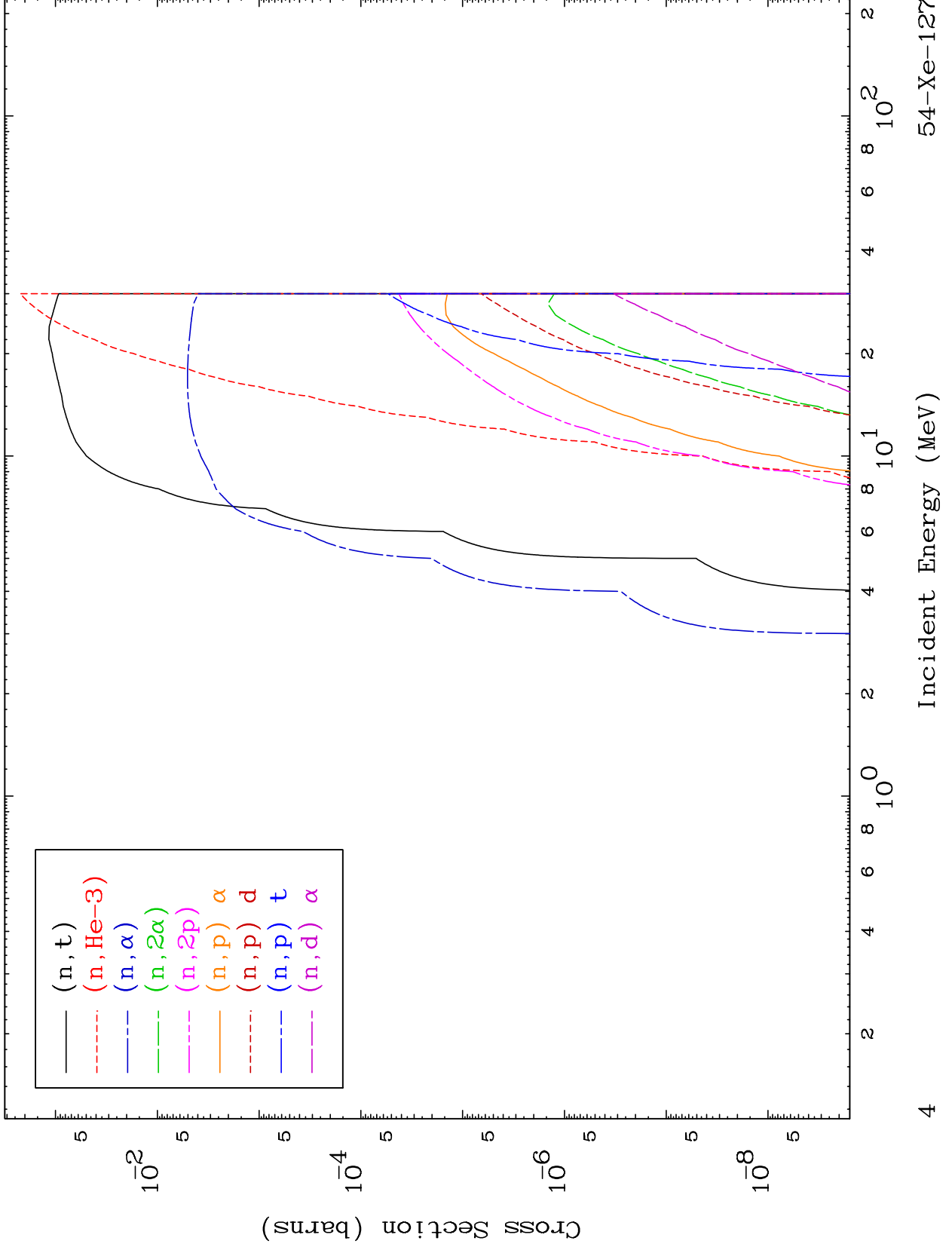




MAT 5434

Triton Neutron Absorption  
0 Kelvin Cross Sections

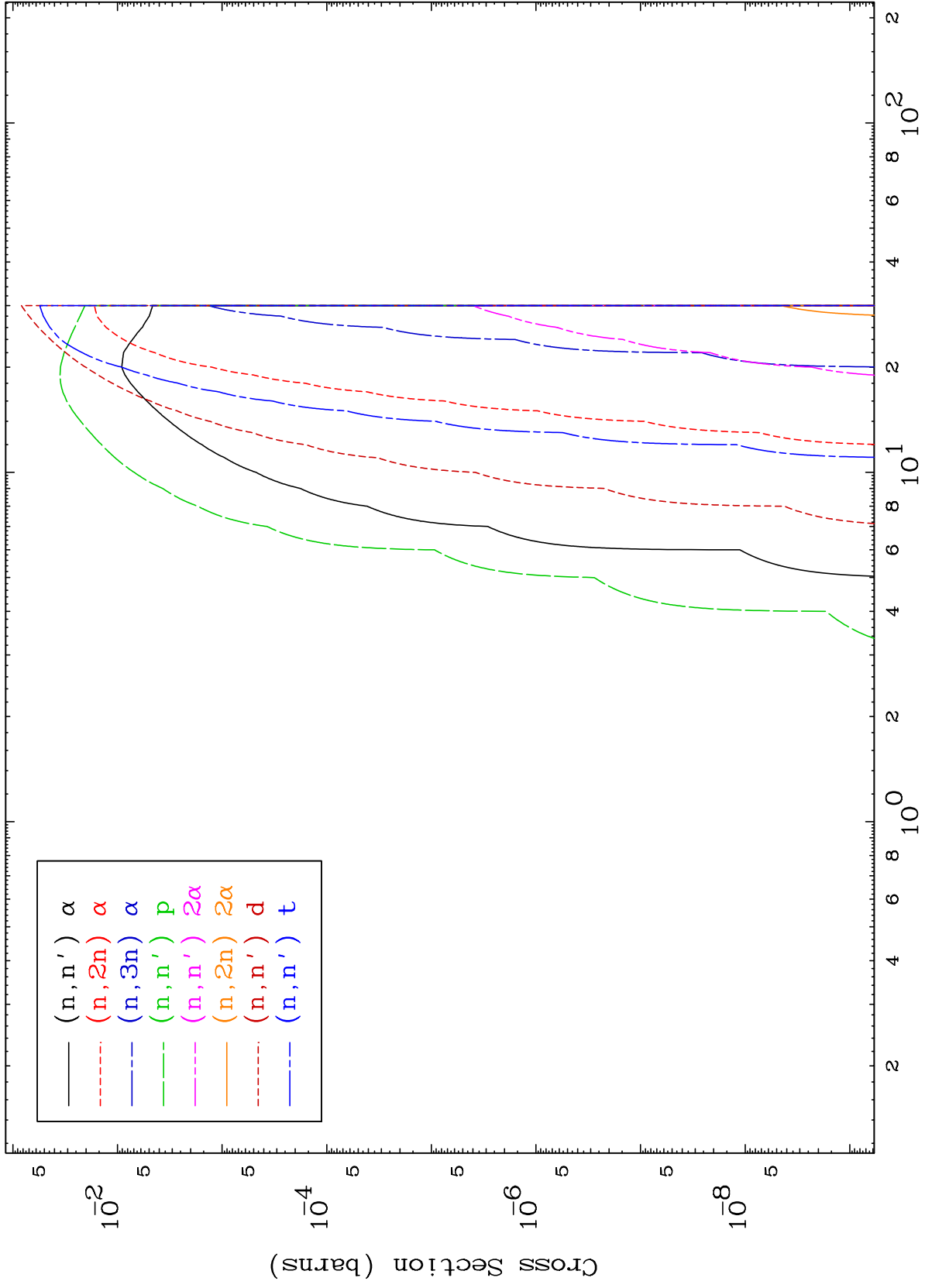
54-Xe-127



MAT 5434

Triton Charged Particle  
0 Kelvin Cross Sections

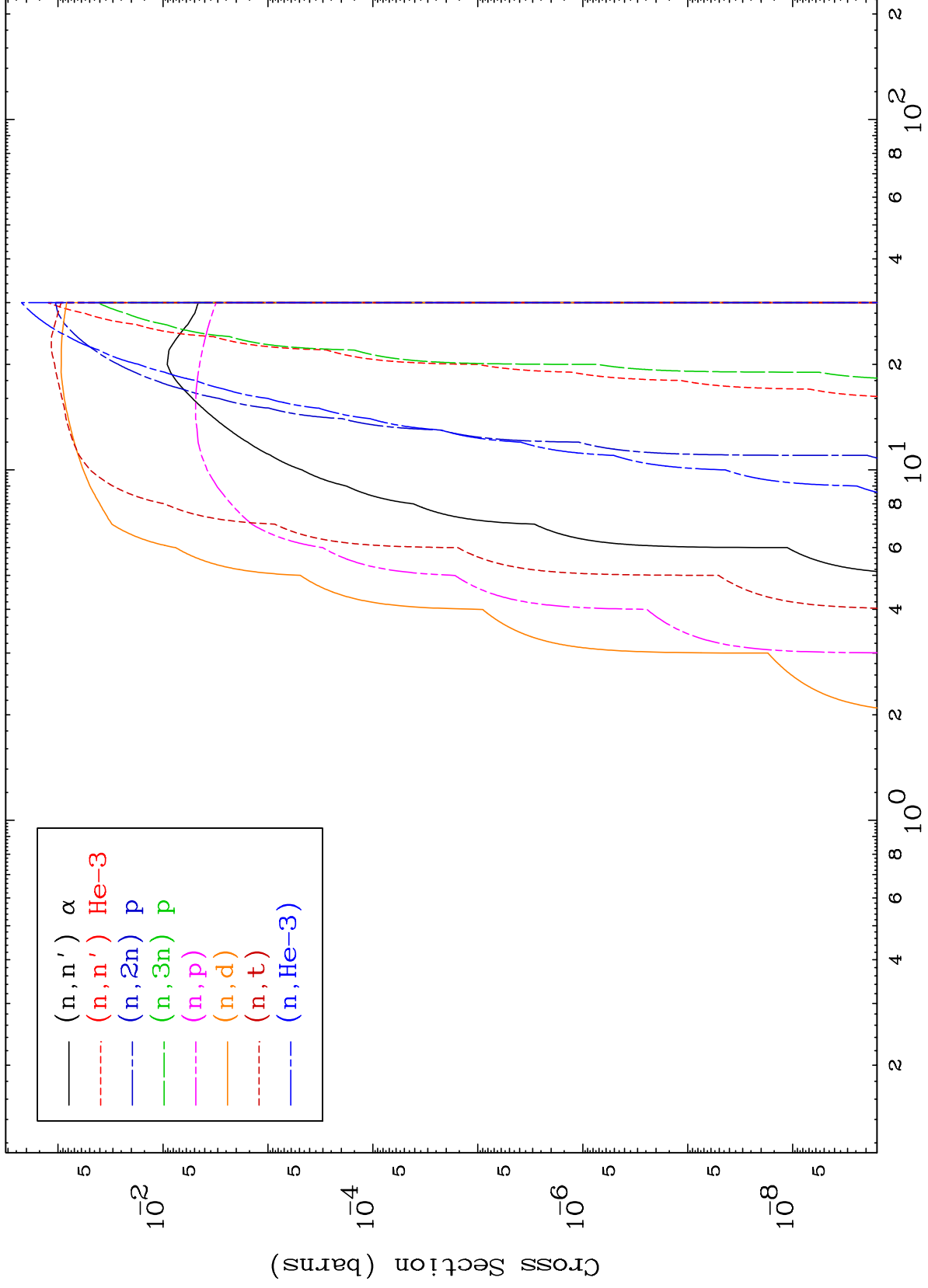
54-Xe-127



MAT 5434

Triton Charged Particle  
0 Kelvin Cross Sections

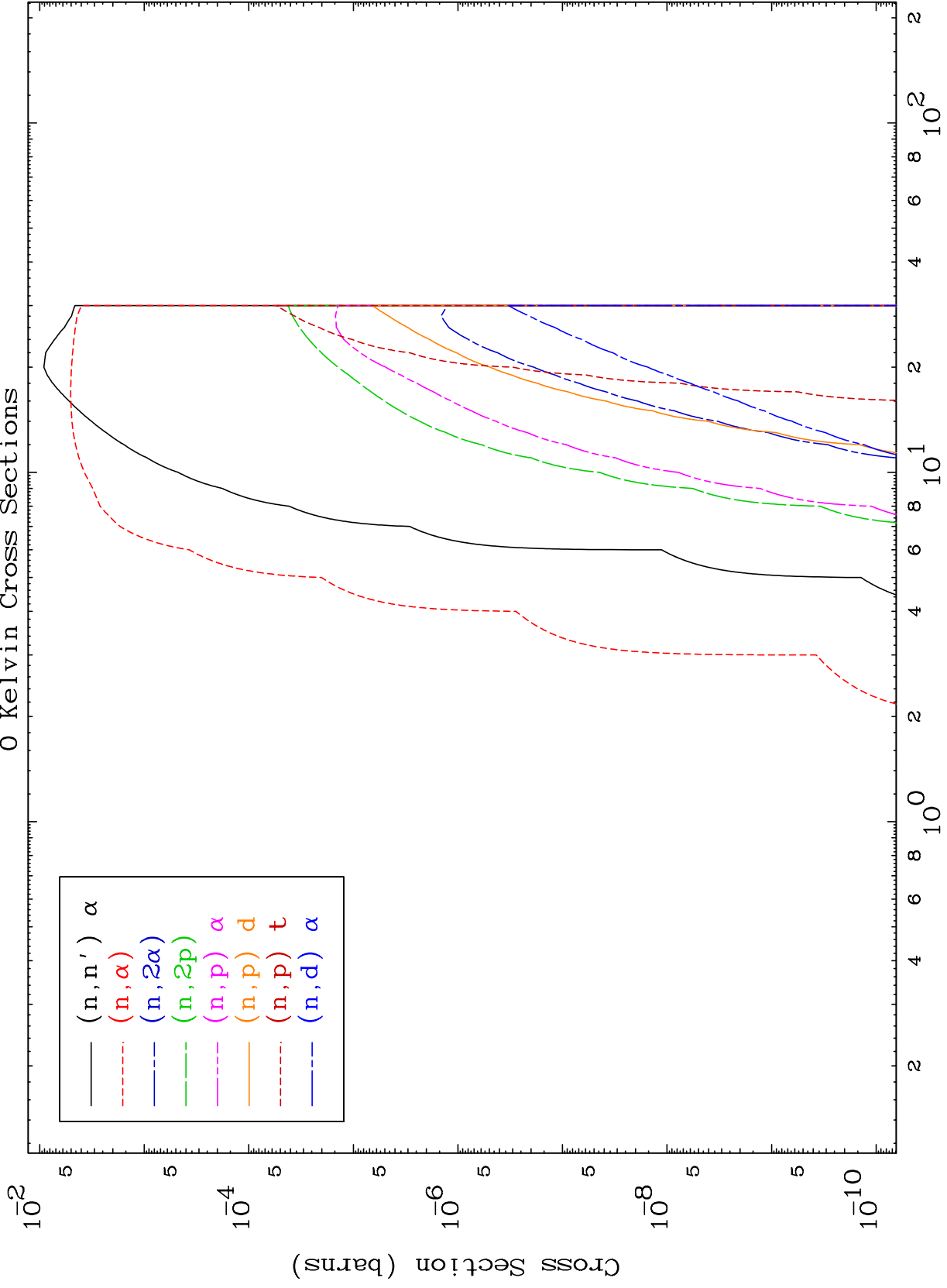
54-Xe-127



MAT 5434

Triton Charged Particle  
0 Kelvin Cross Sections

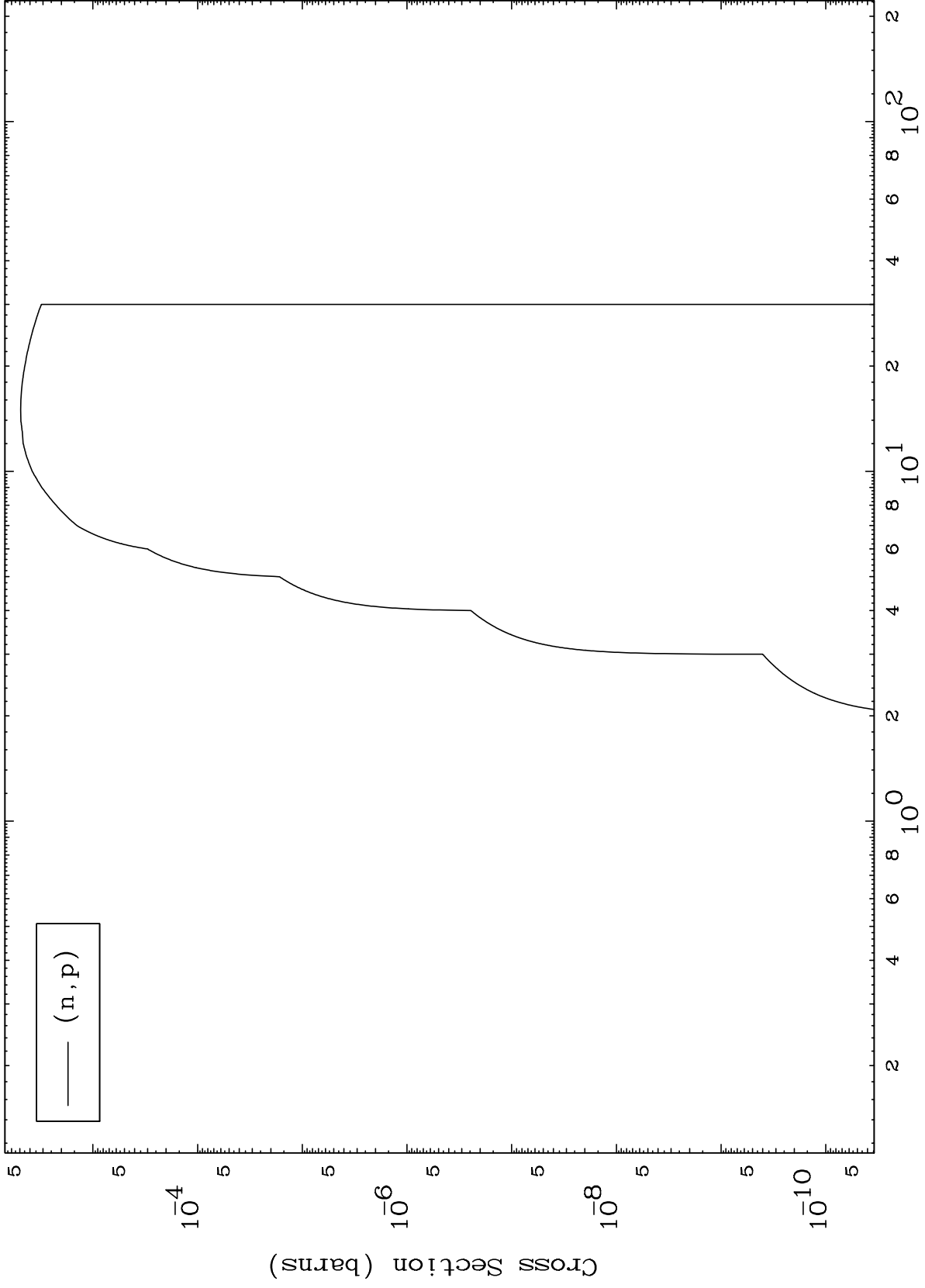
54-Xe-127



MAT 5434

(t, p) Levels  
0 Kelvin Cross Sections

54-Xe-127

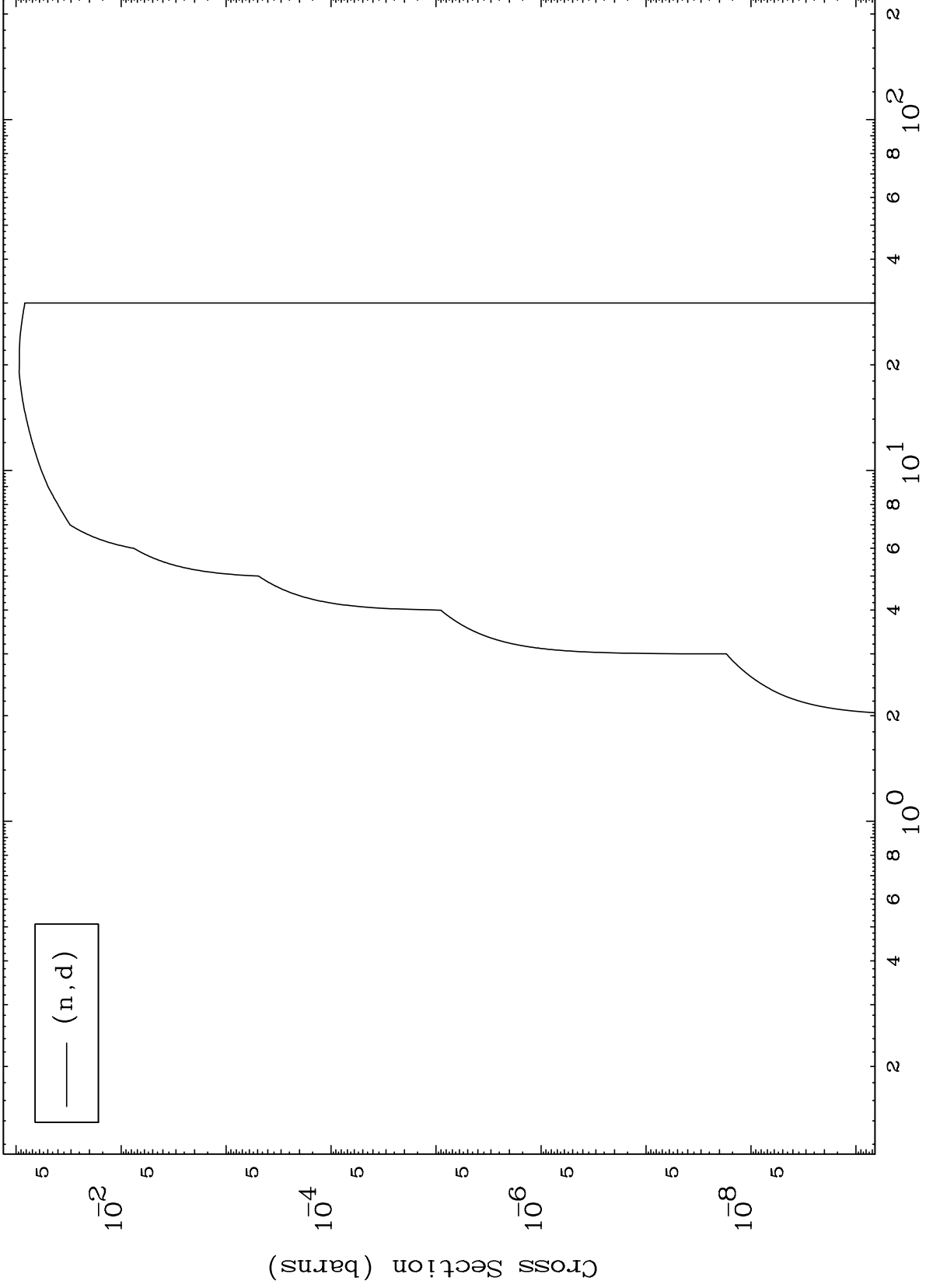


MAT 5434

(t,d) Levels

54-Xe-127

0 Kelvin Cross Sections

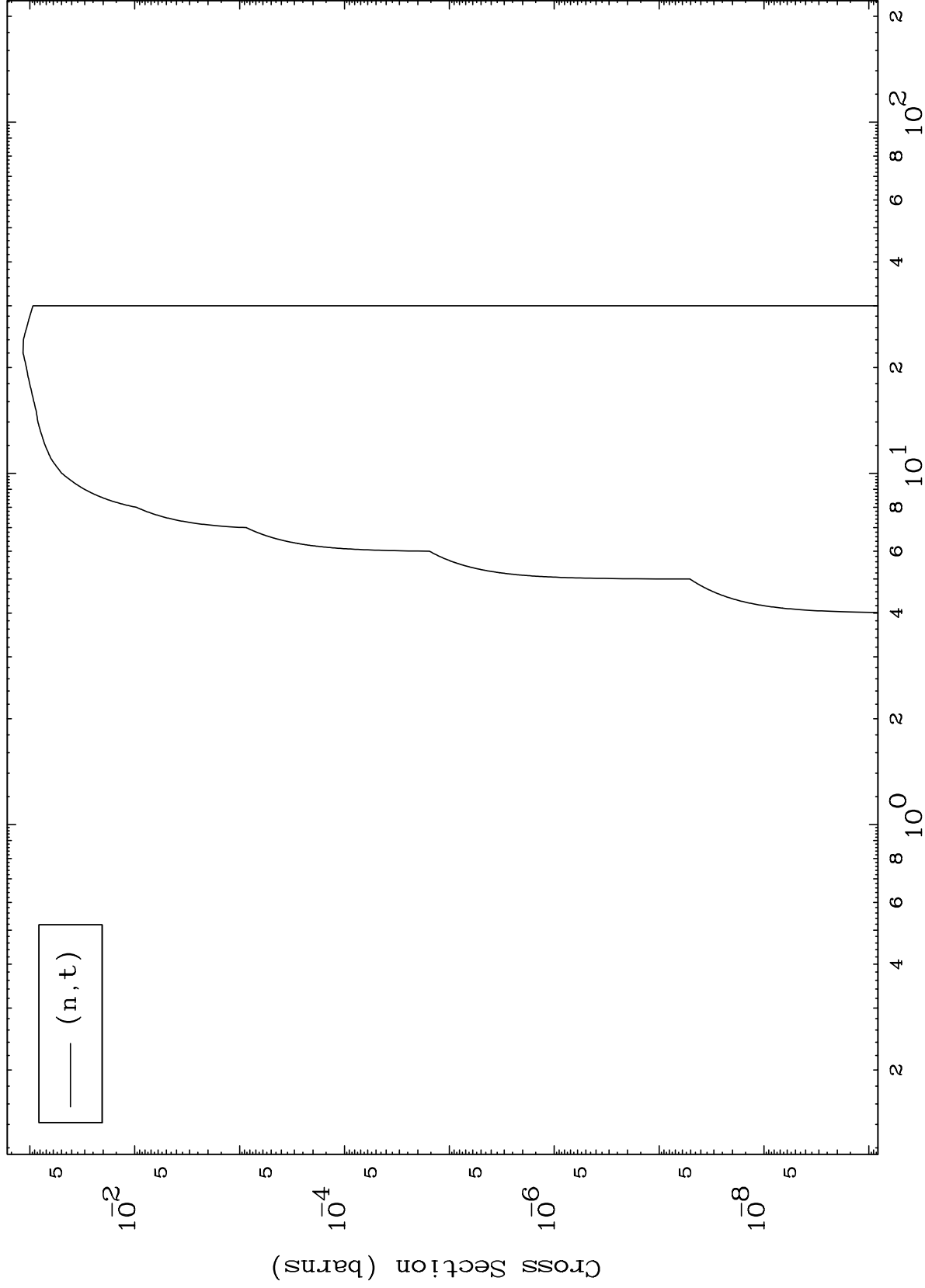


MAT 5434

(t, t) Levels

54-Xe-127

0 Kelvin Cross Sections



10

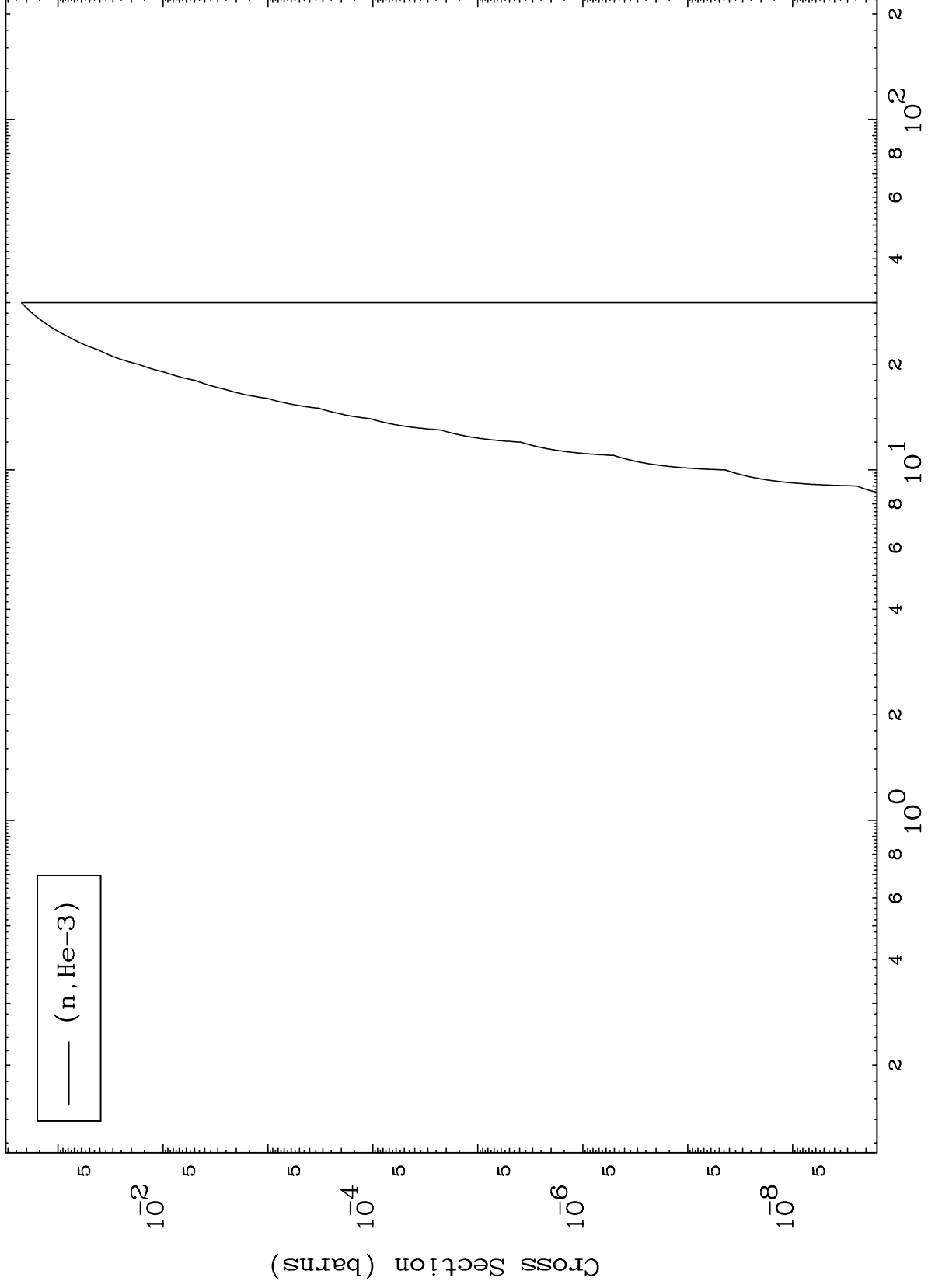
Incident Energy (MeV)

54-Xe-127

MAT 5434

(t,He3) Levels  
0 Kelvin Cross Sections

54-Xe-127

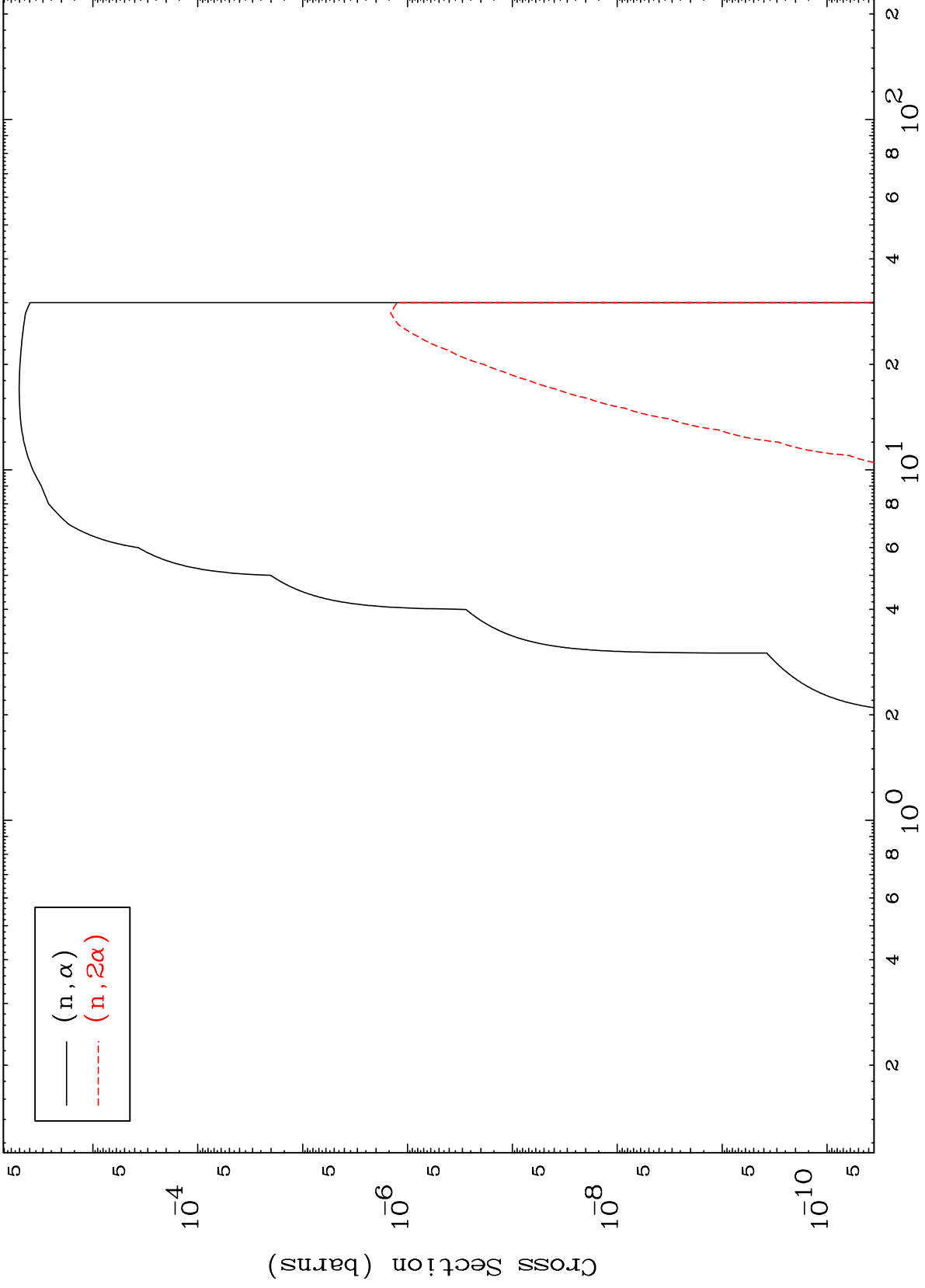


MAT 5434

(t,  $\alpha$ ) Levels

54-Xe-127

0 Kelvin Cross Sections



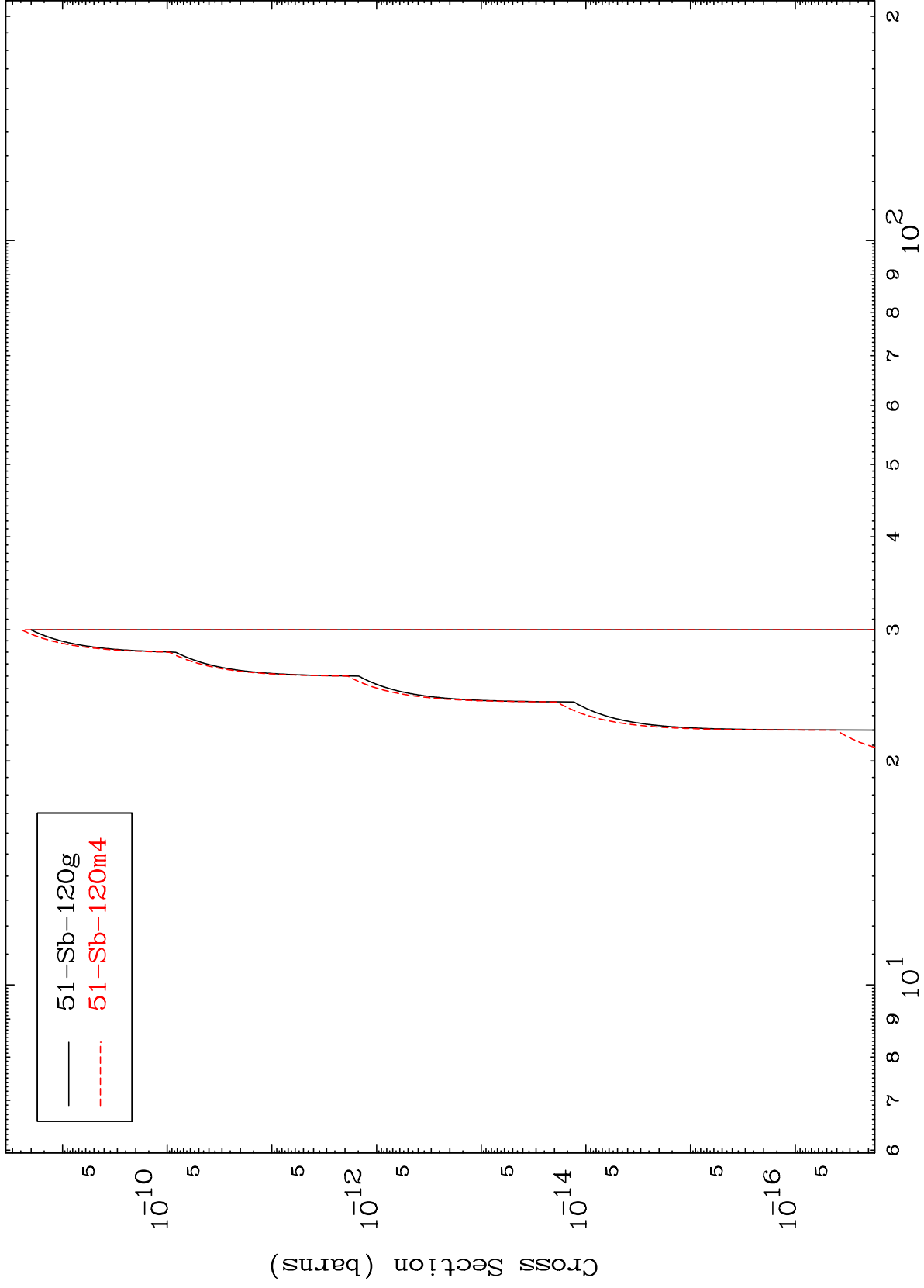
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 5434

(n,2n) 2α

54-Xe-127

Radionuclide Production Cross Section



13

Incident Energy (MeV)

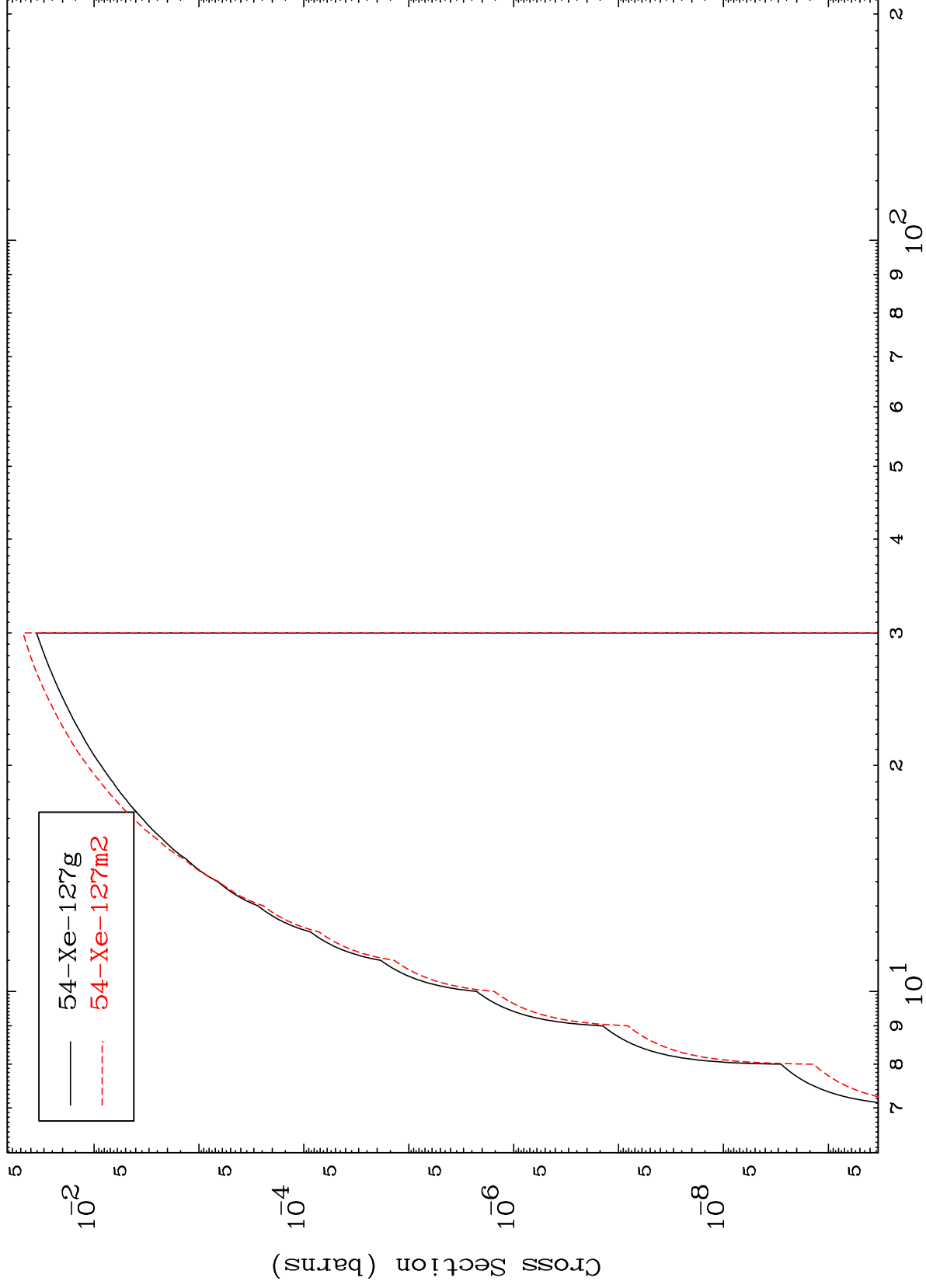
54-Xe-127

MAT 5434

(n,n') d

54-Xe-127

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-127

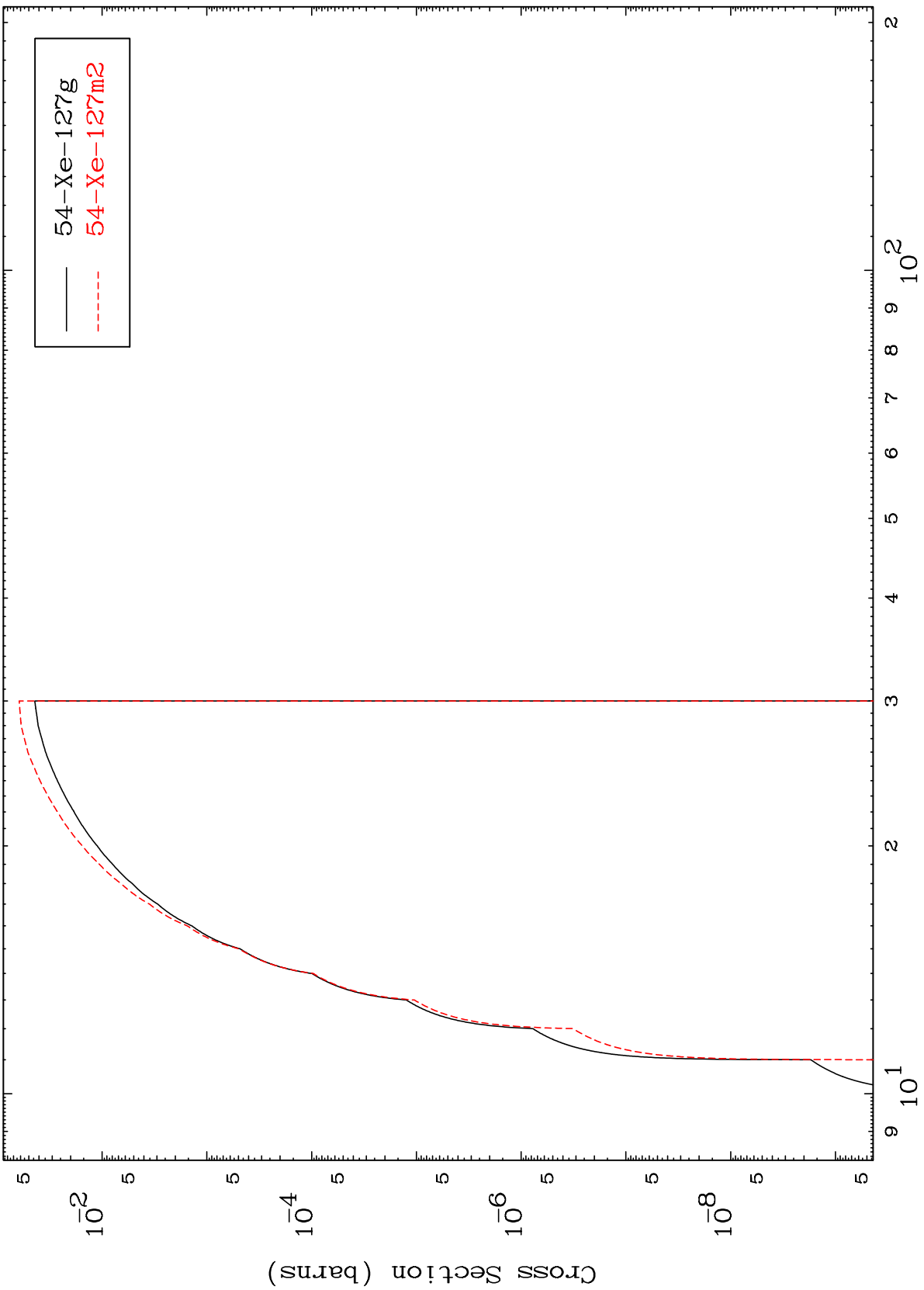
14

MAT 5434

(n,2n) p

54-Xe-127

Radionuclide Production Cross Section



54-Xe-127

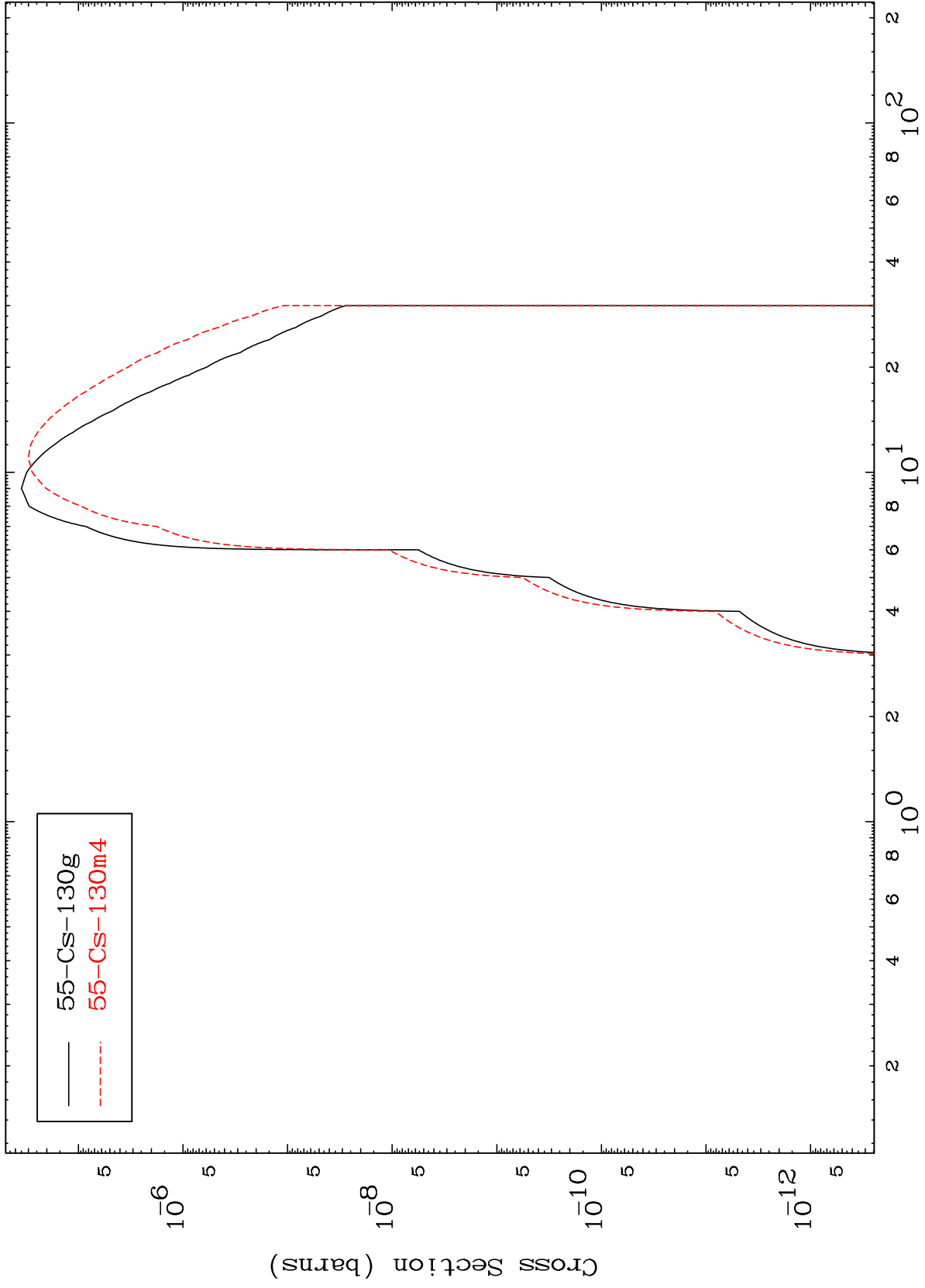
Incident Energy (MeV)

15

MAT 5434

54-Xe-127

(n,  $\gamma$ )  
Radionuclide Production Cross Section



16

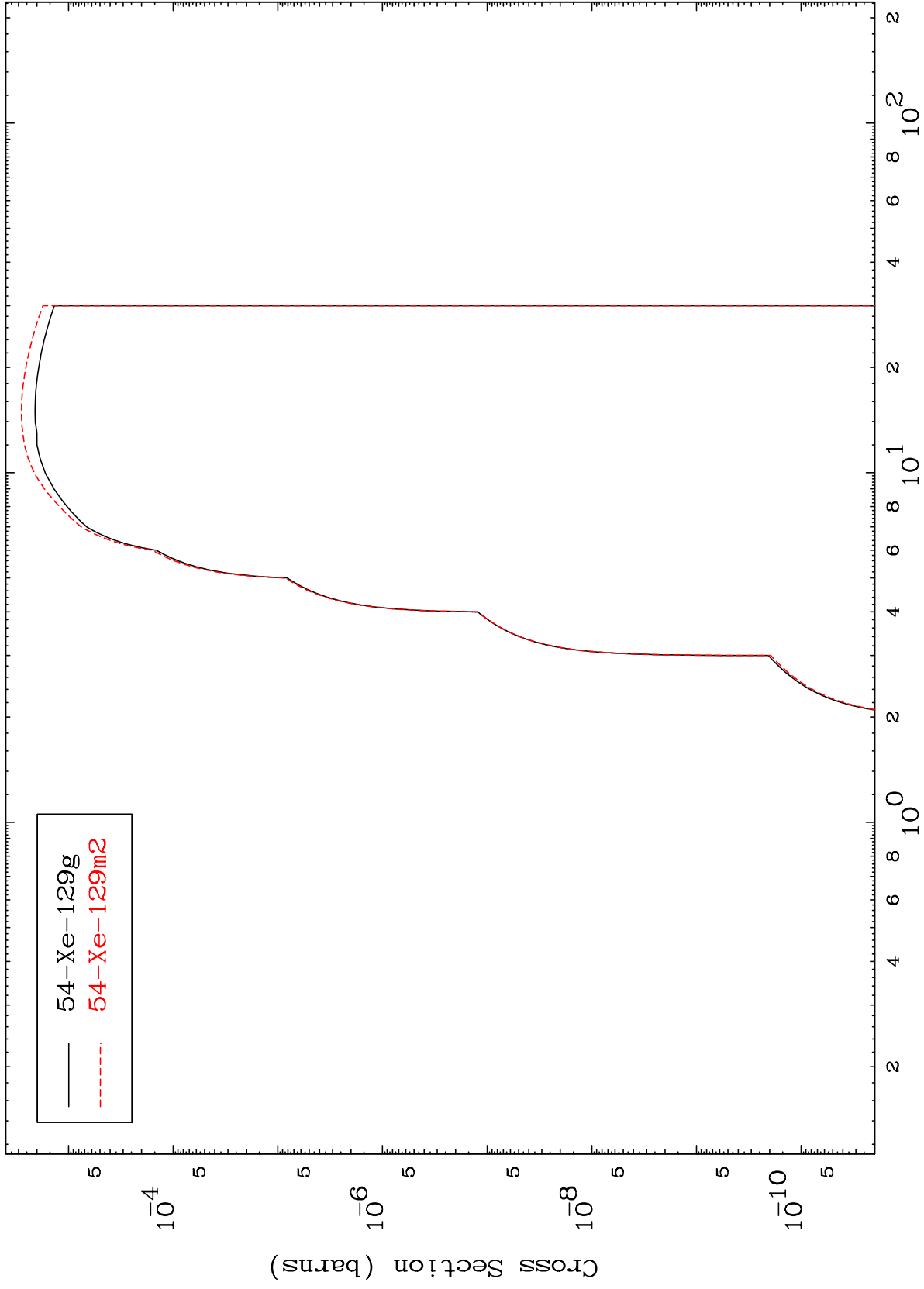
54-Xe-127

Incident Energy (MeV)

MAT 5434

54-Xe-127

(n,p)  
Radionuclide Production Cross Section



54-Xe-127

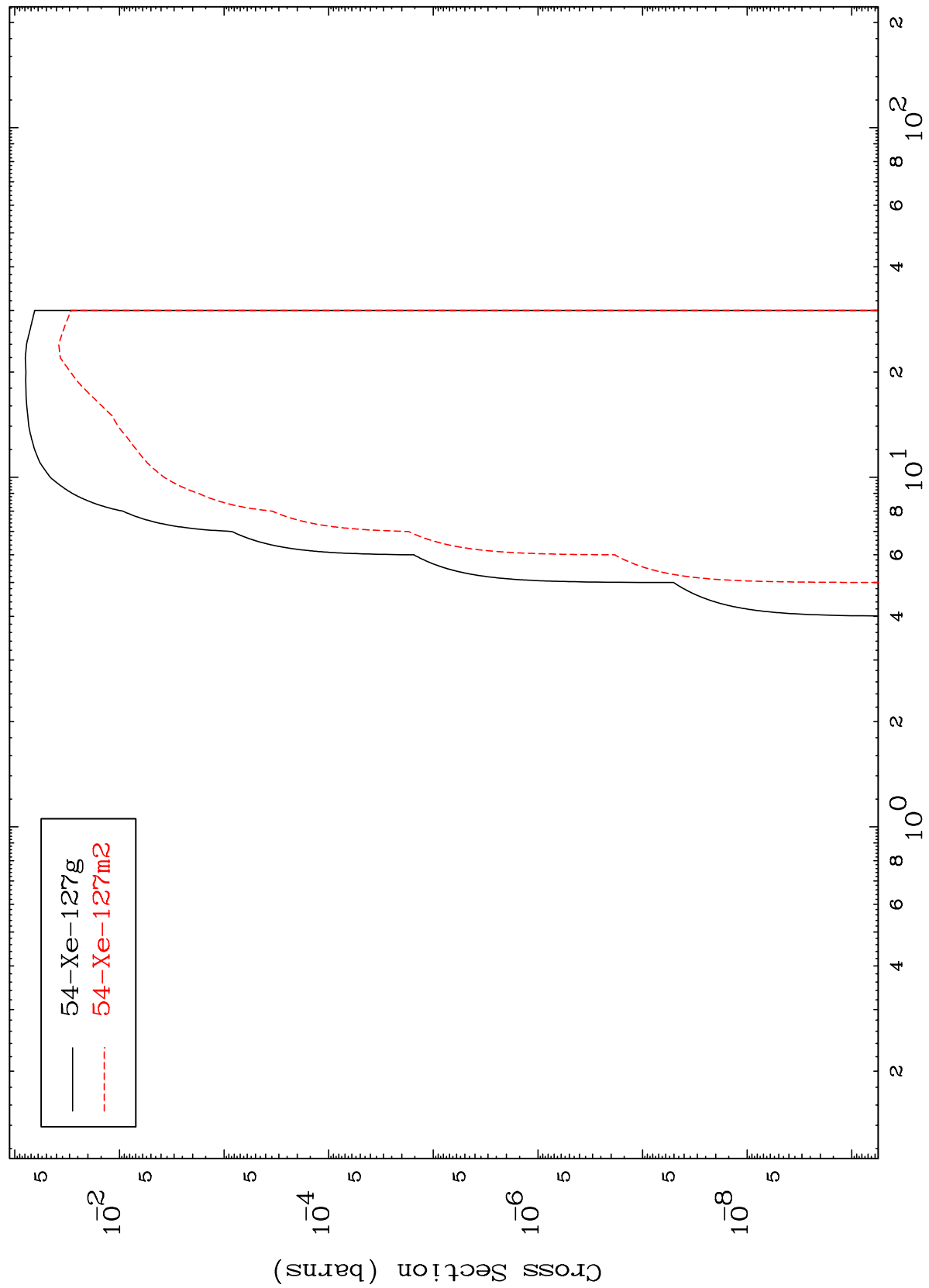
Incident Energy (MeV)

17

MAT 5434

54-Xe-127

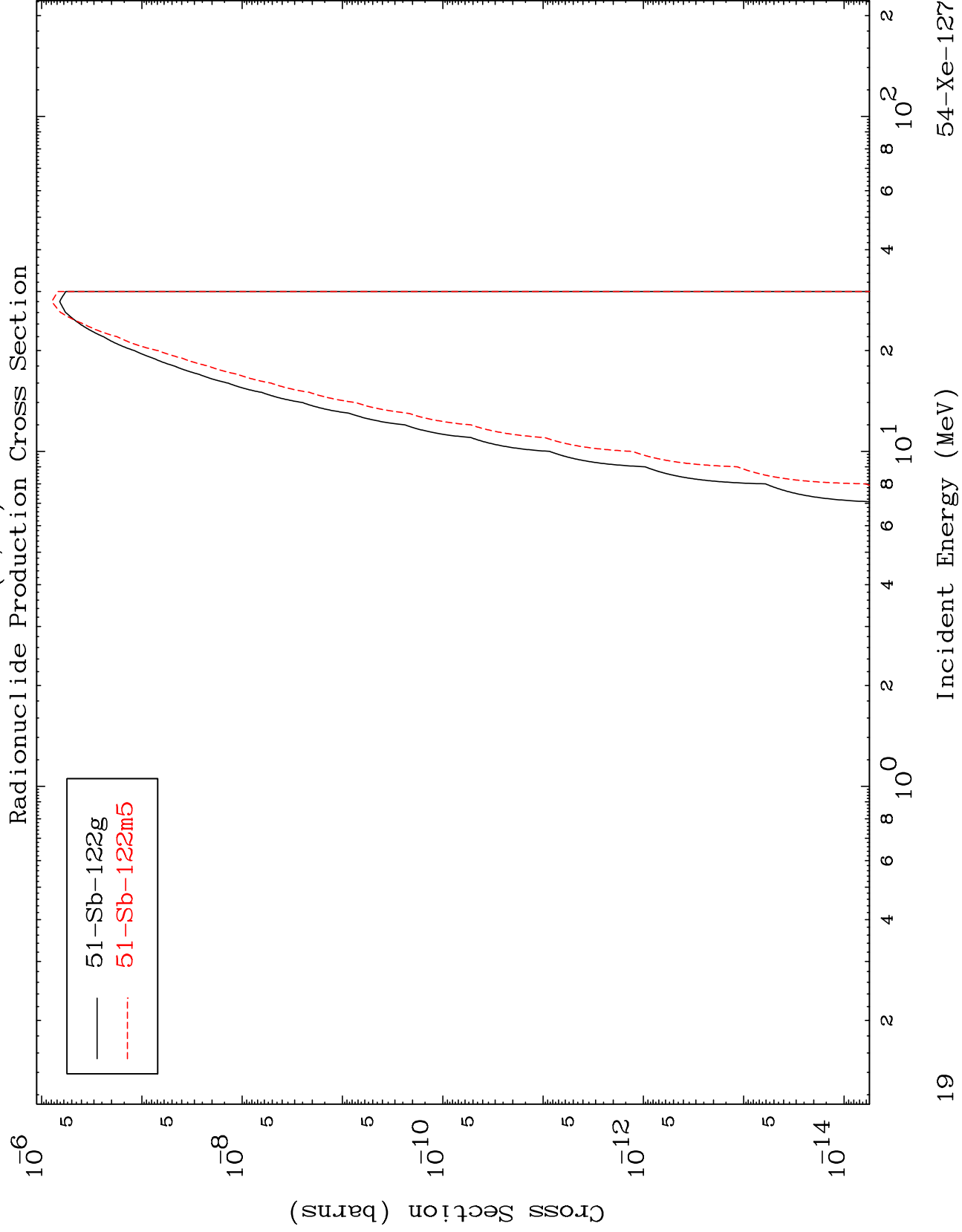
(n, t)  
Radionuclide Production Cross Section



MAT 5434

(n,2α)

54-Xe-127

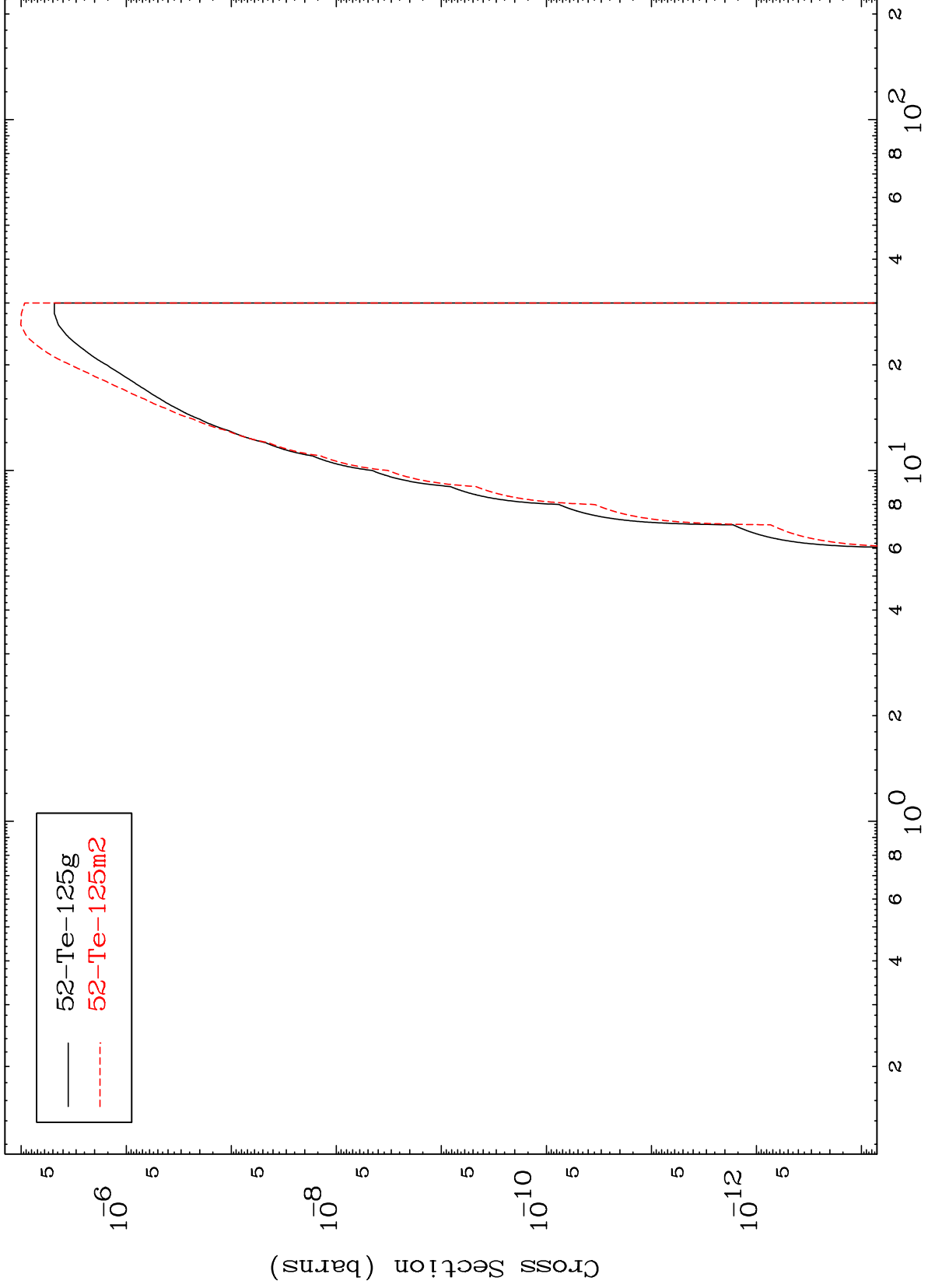


MAT 5434

(n,p)  $\alpha$

54-Xe-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-127