

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

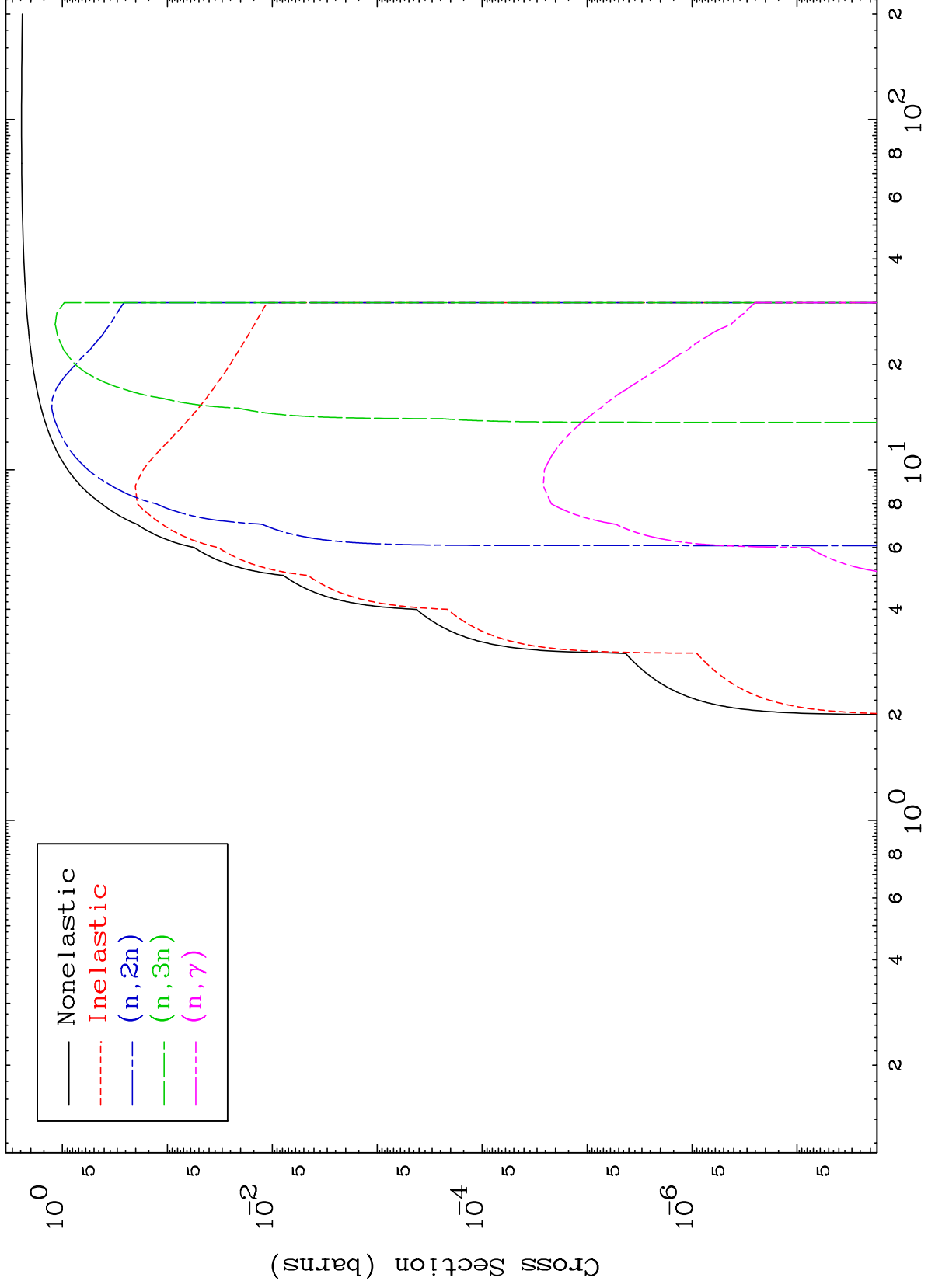
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5443

Deuteron Major  
0 Kelvin Cross Sections

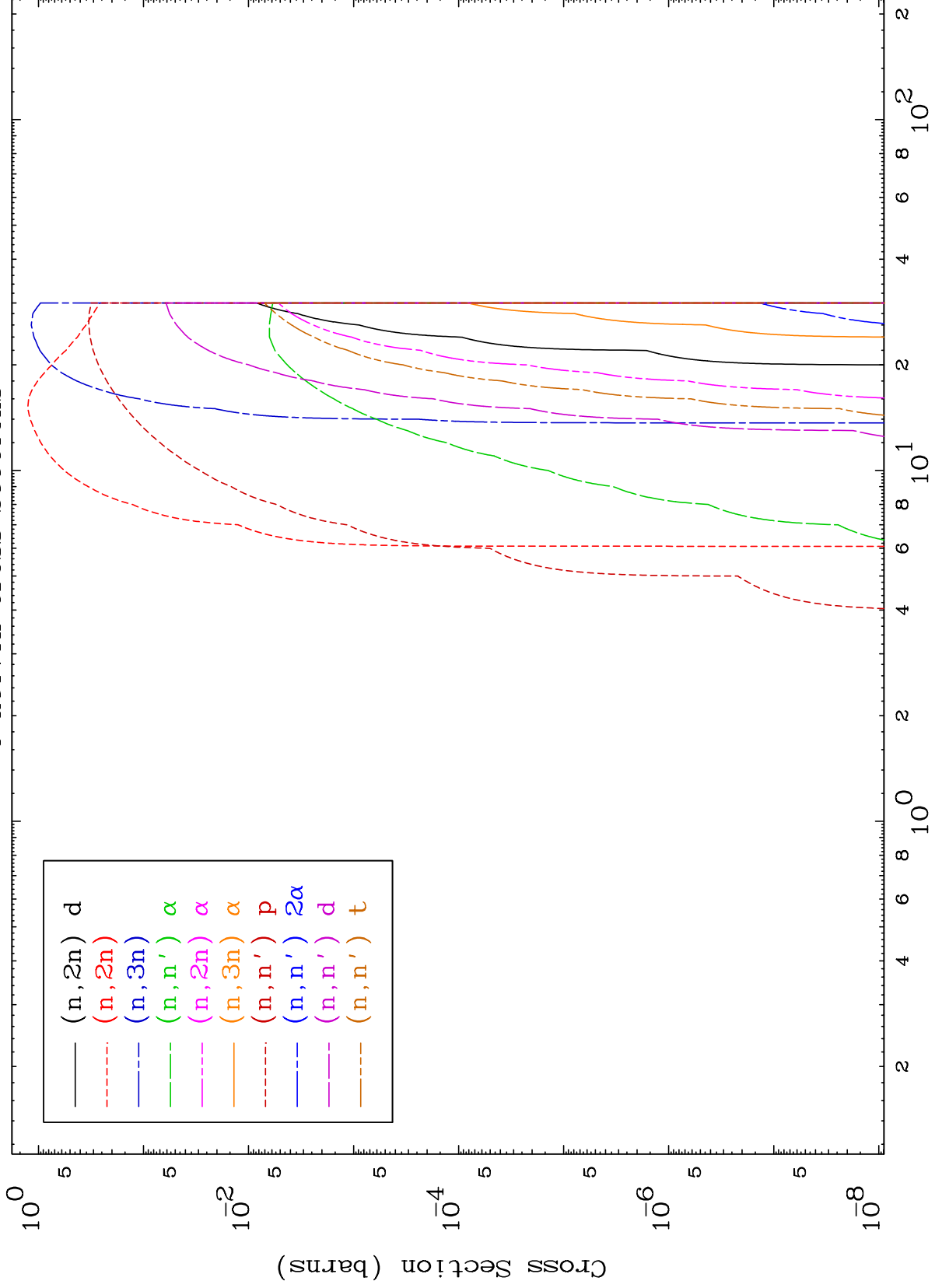
54-Xe-130



MAT 5443

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

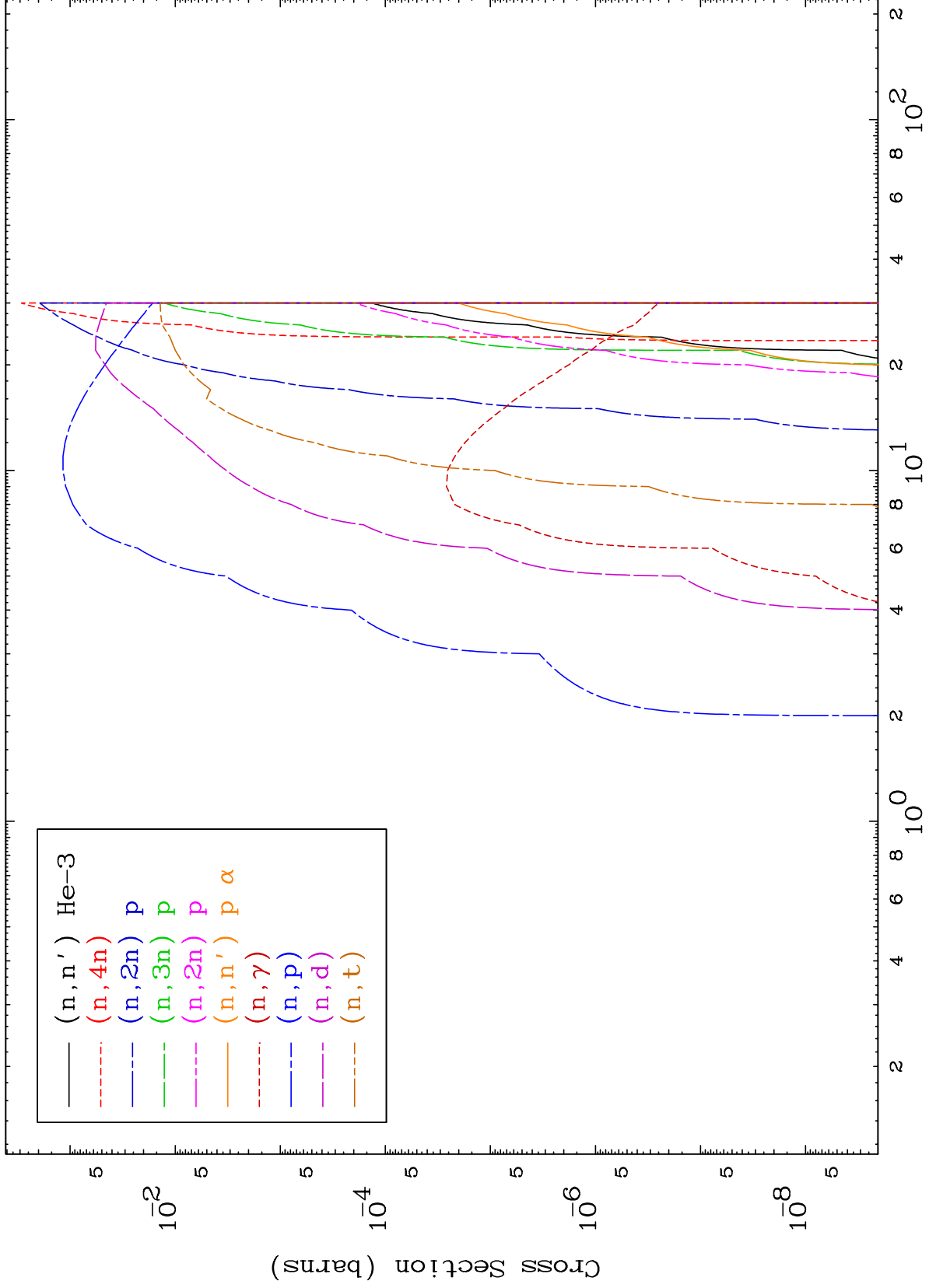
54-Xe-130



MAT 5443

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-130



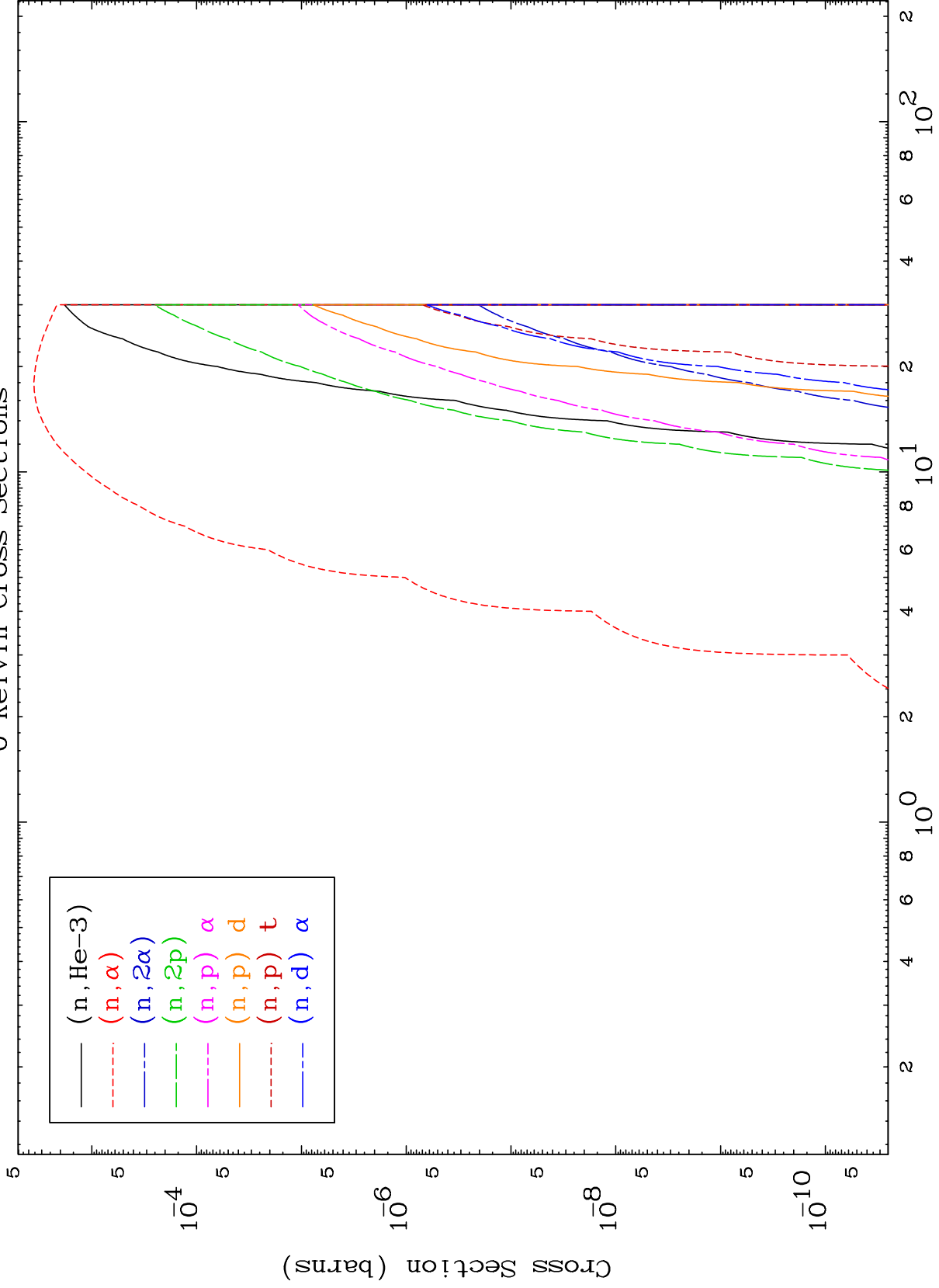
54-Xe-130

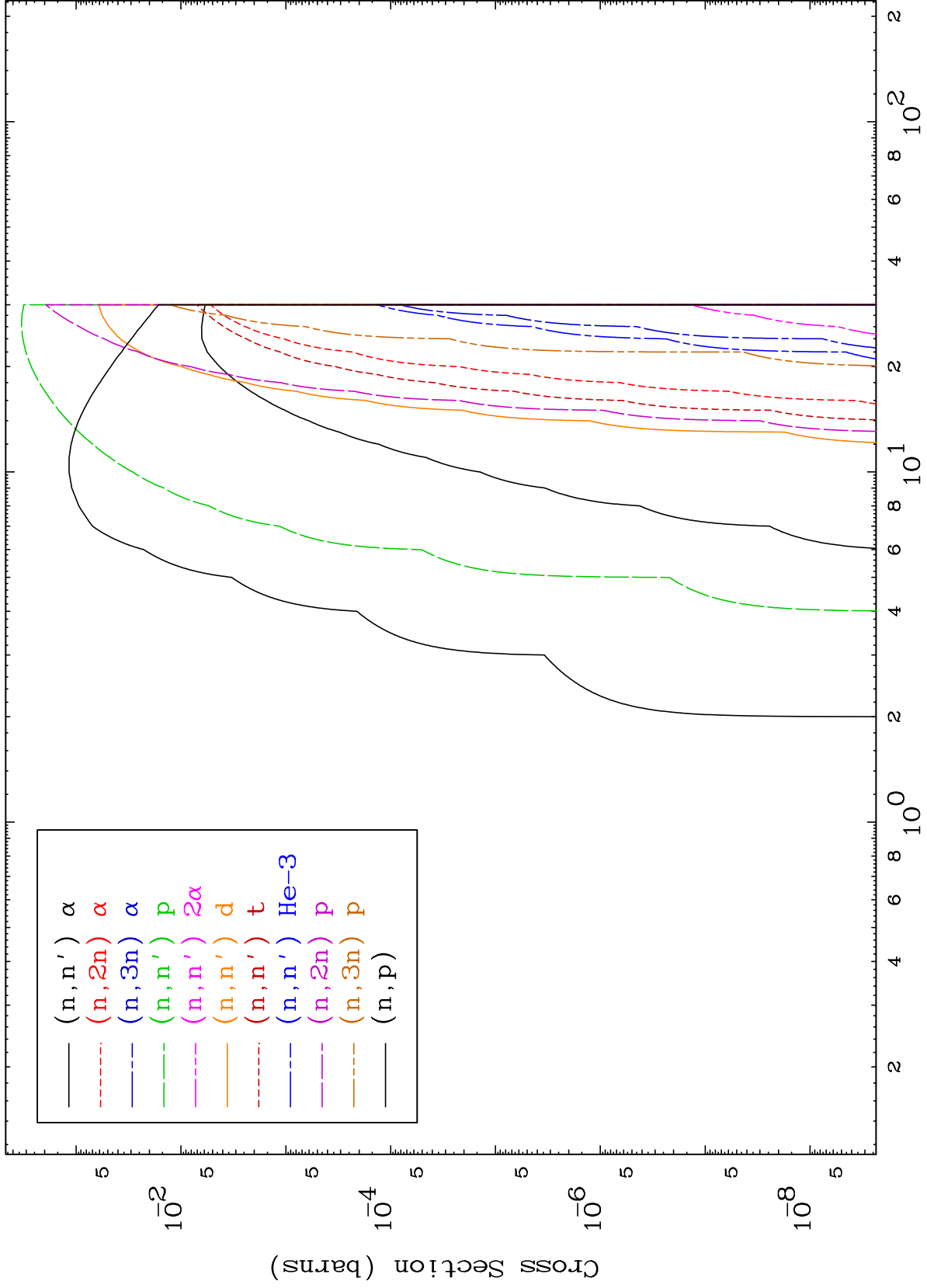
Incident Energy (MeV)

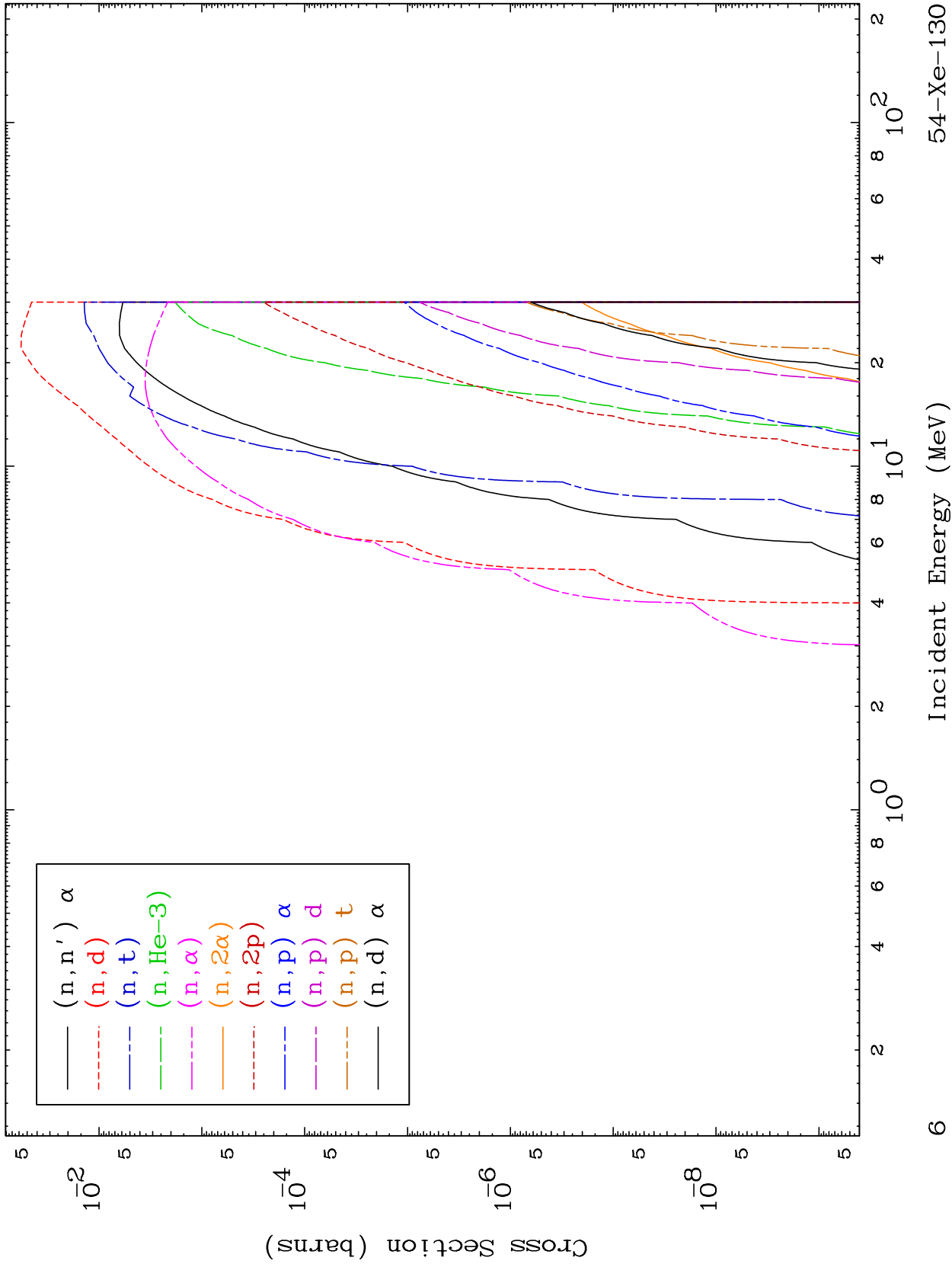
MAT 5443

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-130





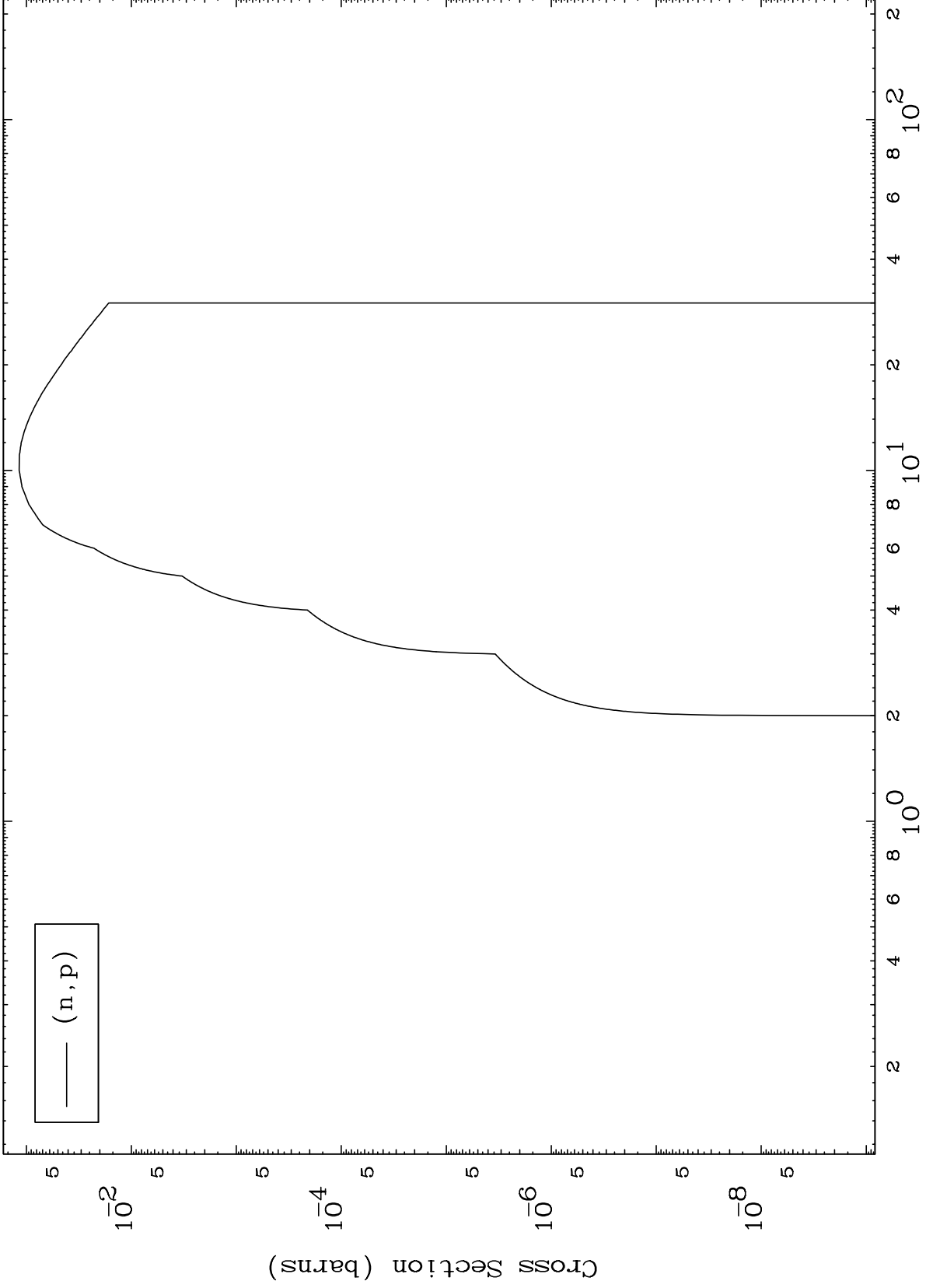


MAT 5443

(d,p) Levels

54-Xe-130

0 Kelvin Cross Sections



7

Incident Energy (MeV)

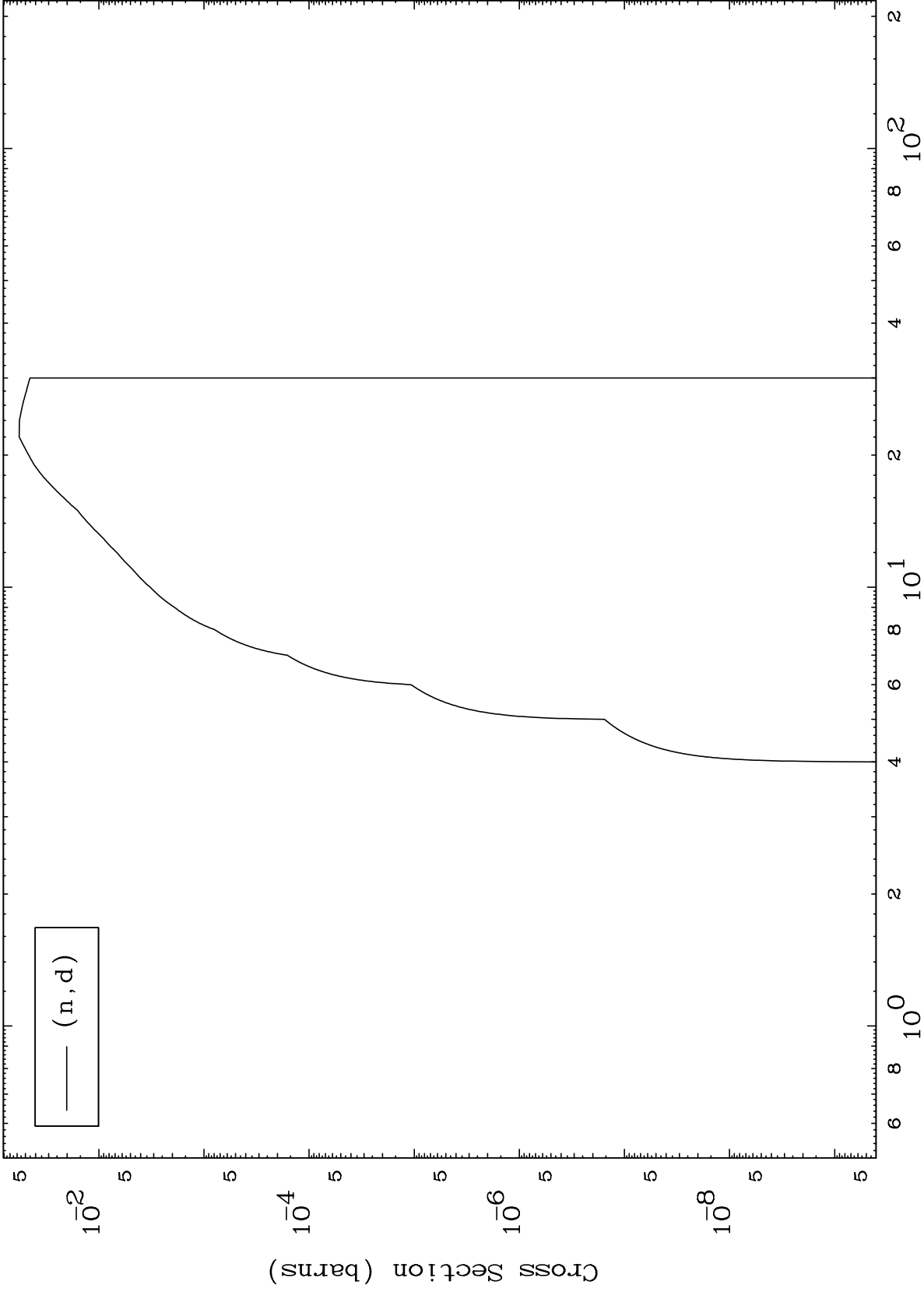
54-Xe-130

MAT 5443

(d,d) Levels

54-Xe-130

0 Kelvin Cross Sections



8

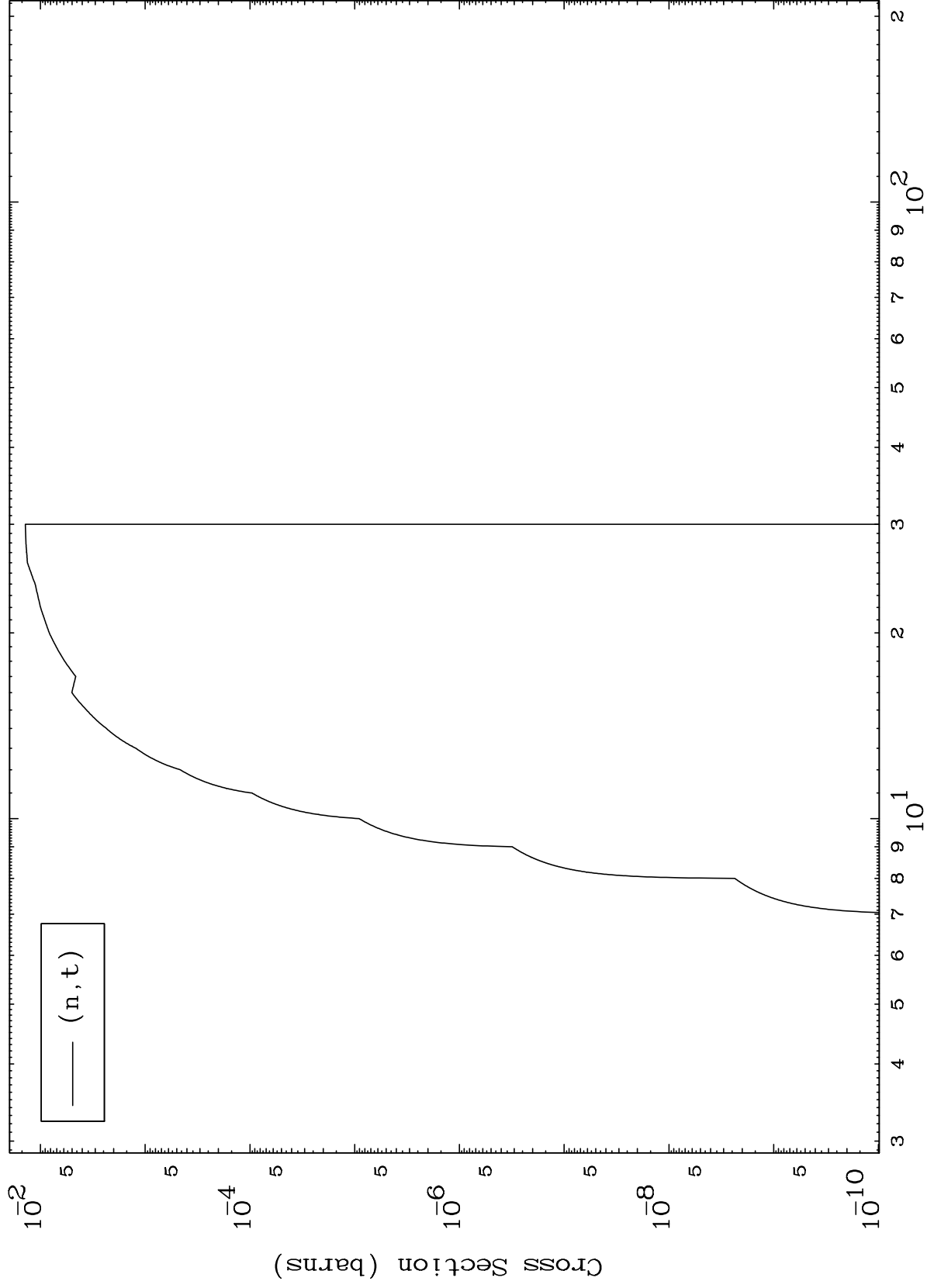
Incident Energy (MeV)

54-Xe-130

MAT 5443

(d,t) Levels  
0 Kelvin Cross Sections

54-Xe-130



9

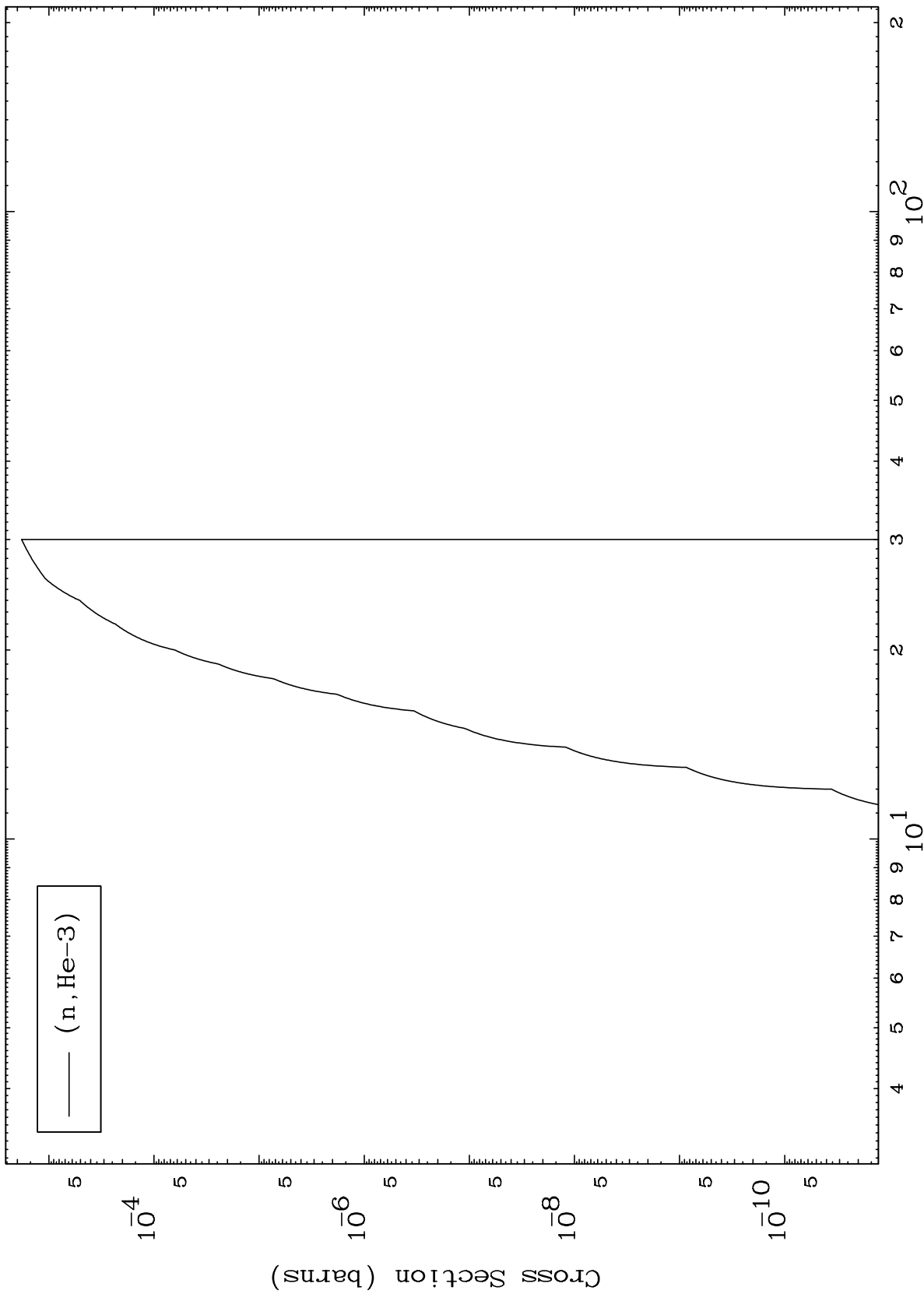
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

(d,He3) Levels  
0 Kelvin Cross Sections



10

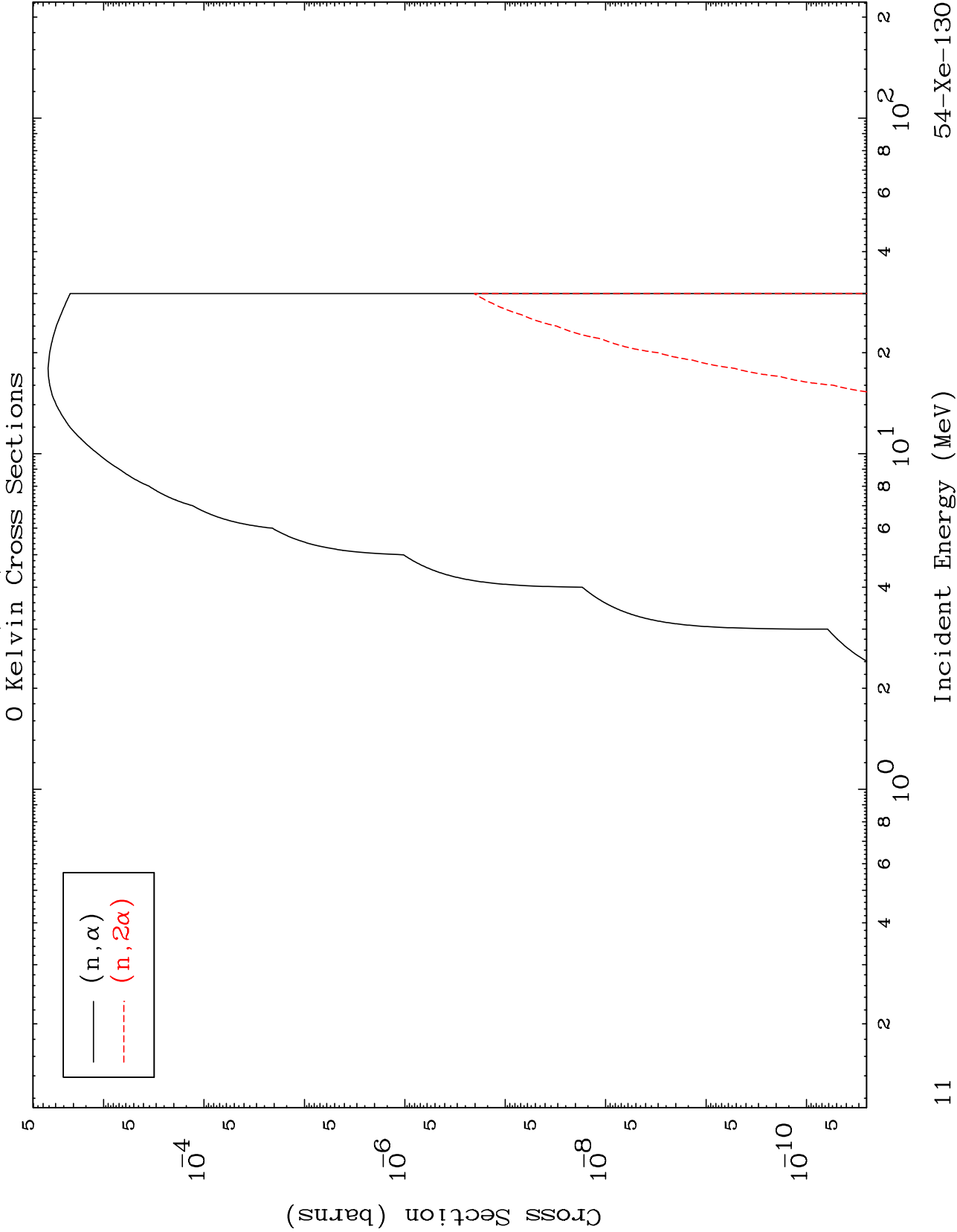
54-Xe-130

Incident Energy (MeV)

MAT 5443

(d,  $\alpha$ ) Levels

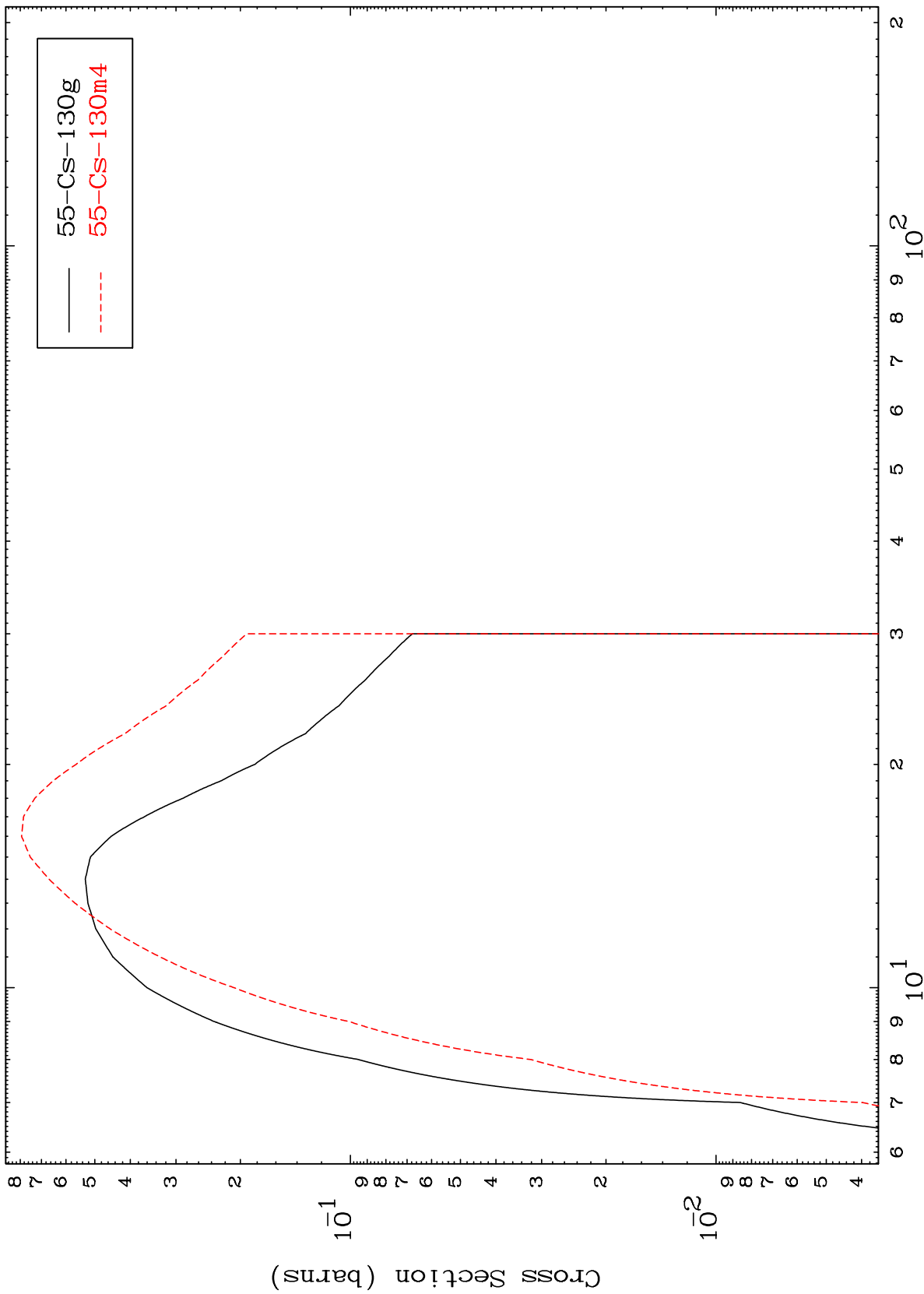
54-Xe-130



MAT 5443

54-Xe-130

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

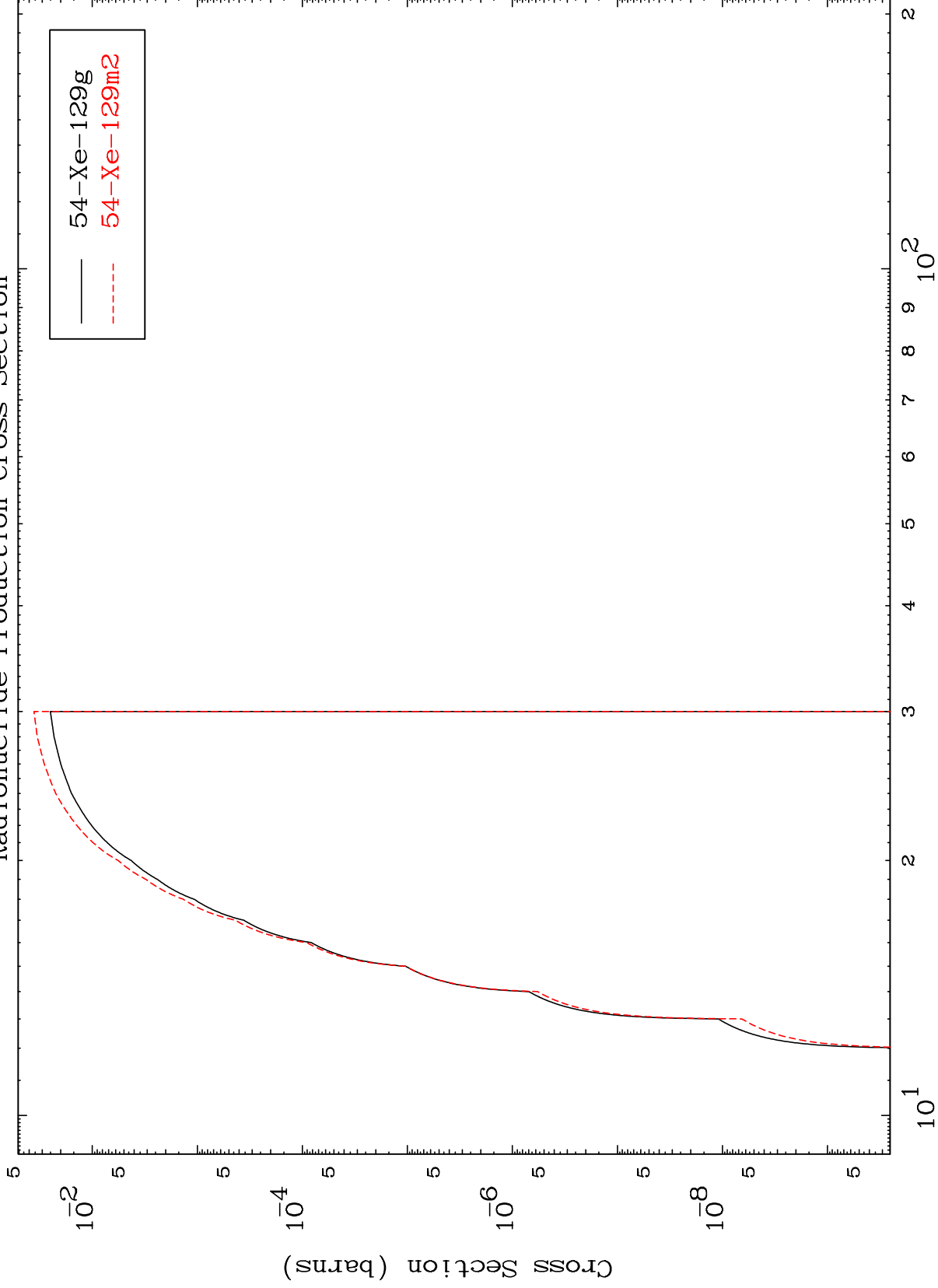
54-Xe-130

MAT 5443

(n,n') d

54-Xe-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

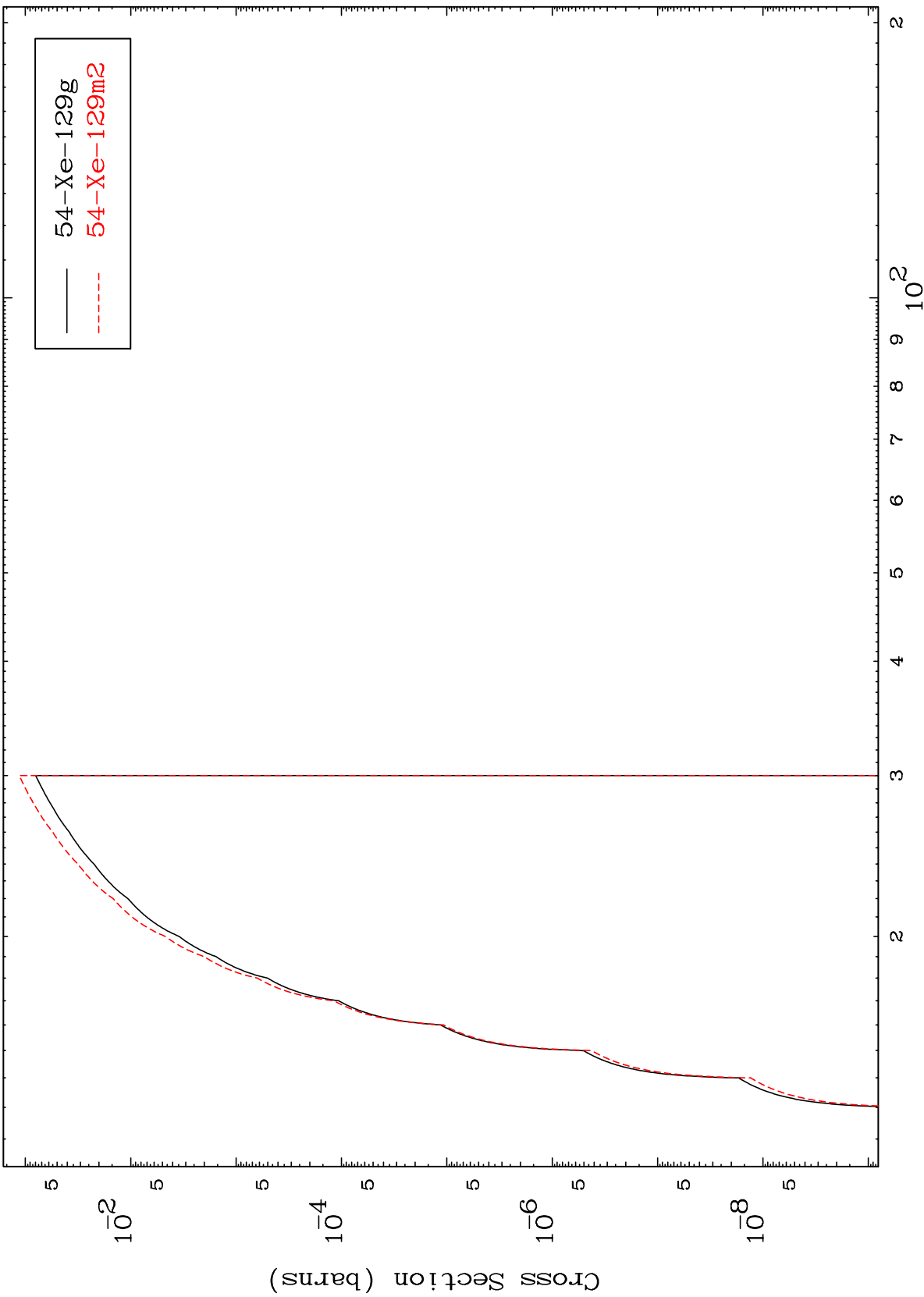
54-Xe-130

MAT 5443

(n,2n) p

54-Xe-130

Radionuclide Production Cross Section



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

14

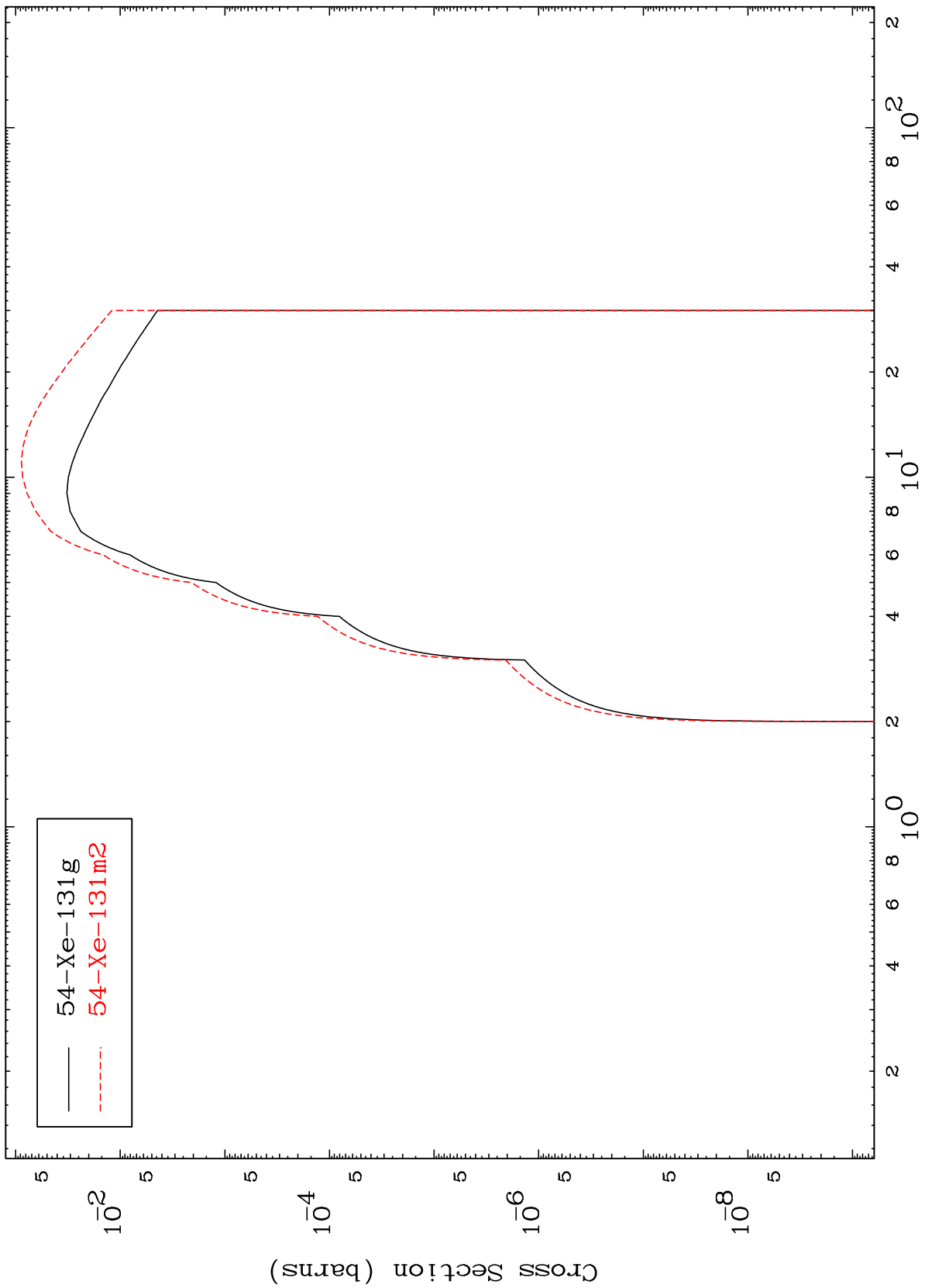
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

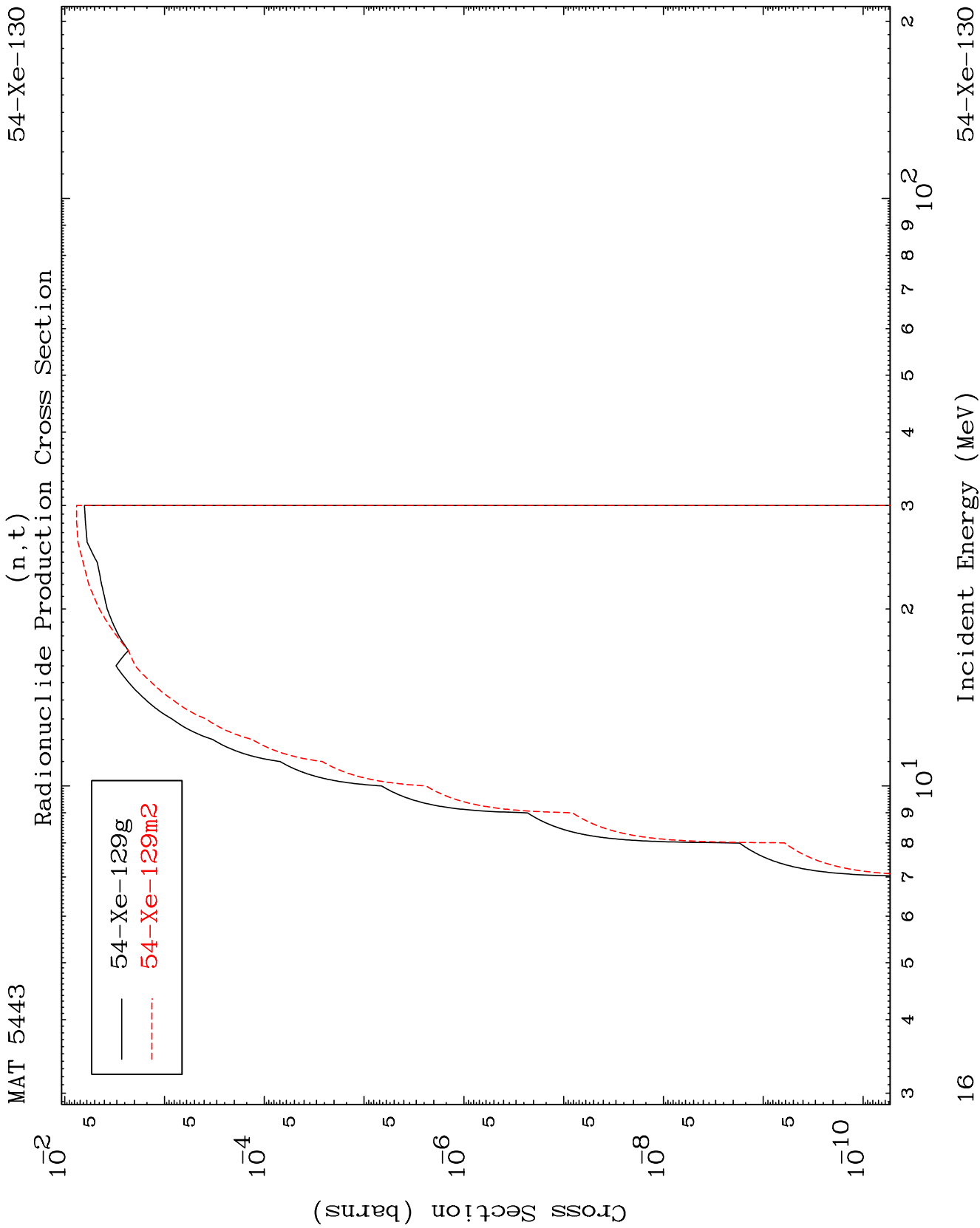
(n,p)  
Radionuclide Production Cross Section



15

54-Xe-130

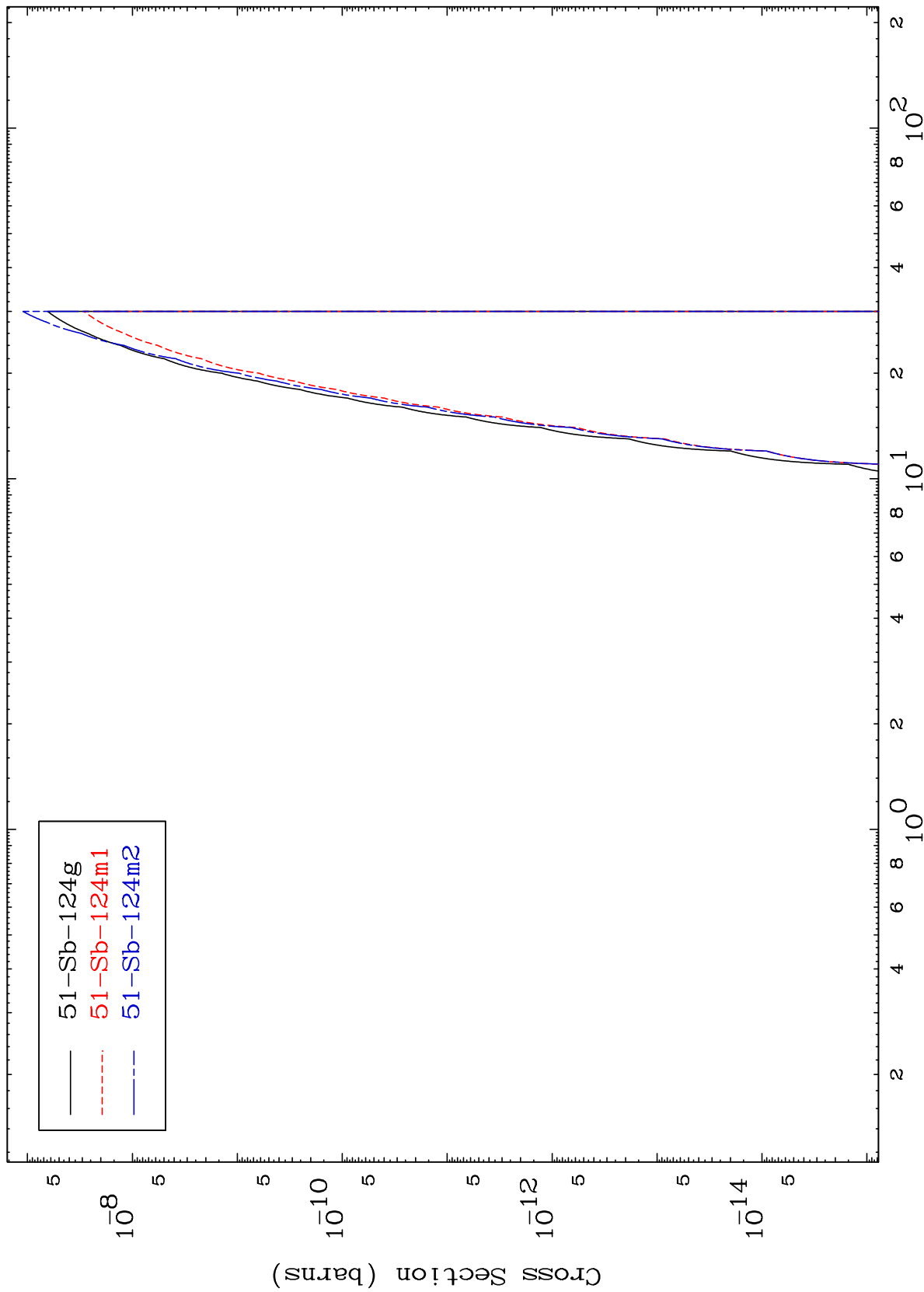
Incident Energy (MeV)



MAT 5443

54-Xe-130

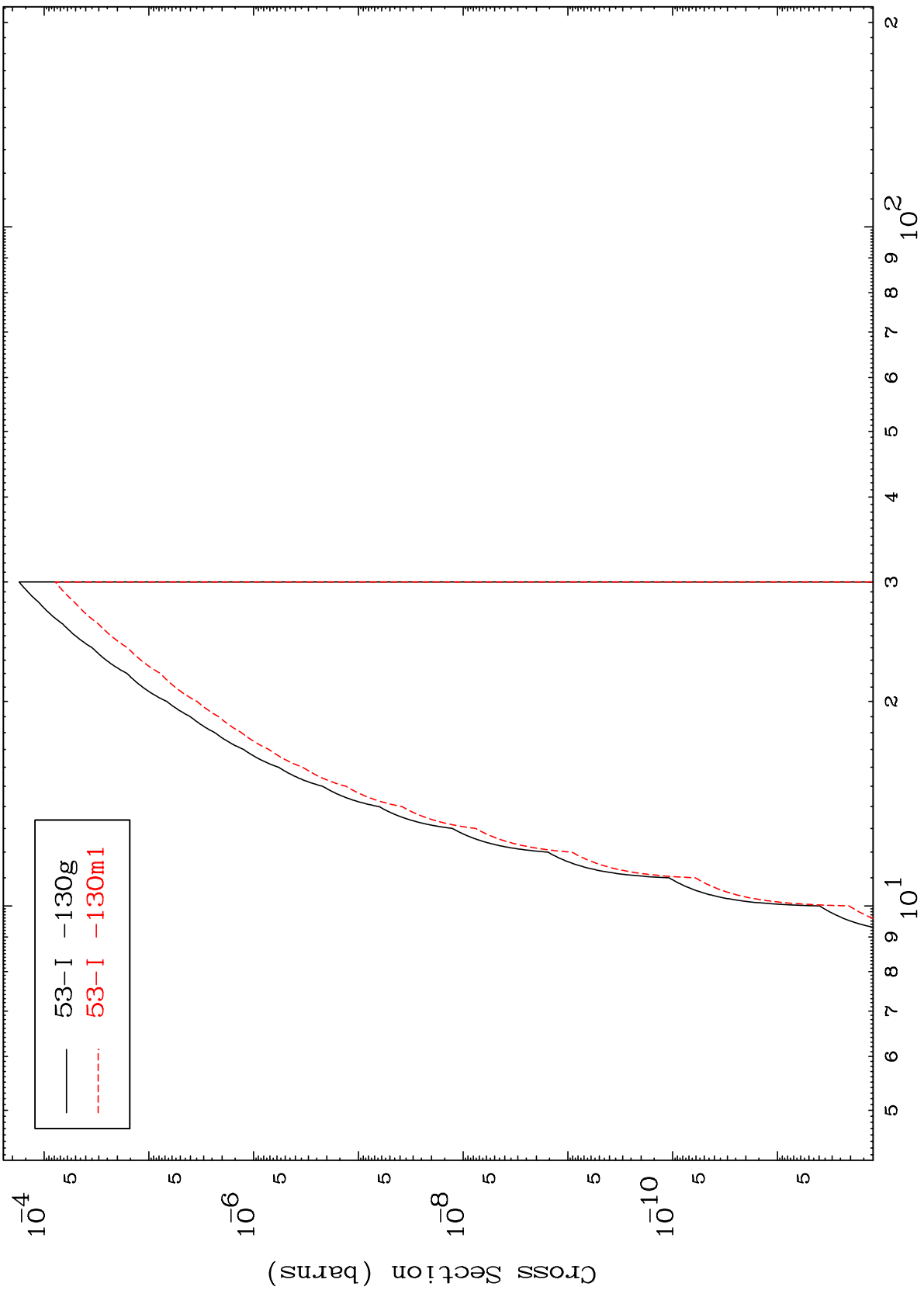
Radionuclide Production Cross Section  
(n,2 $\alpha$ )



MAT 5443

54-Xe-130

(n,2p)  
Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,p)  $\alpha$

54-Xe-130

Radionuclide Production Cross Section

