

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

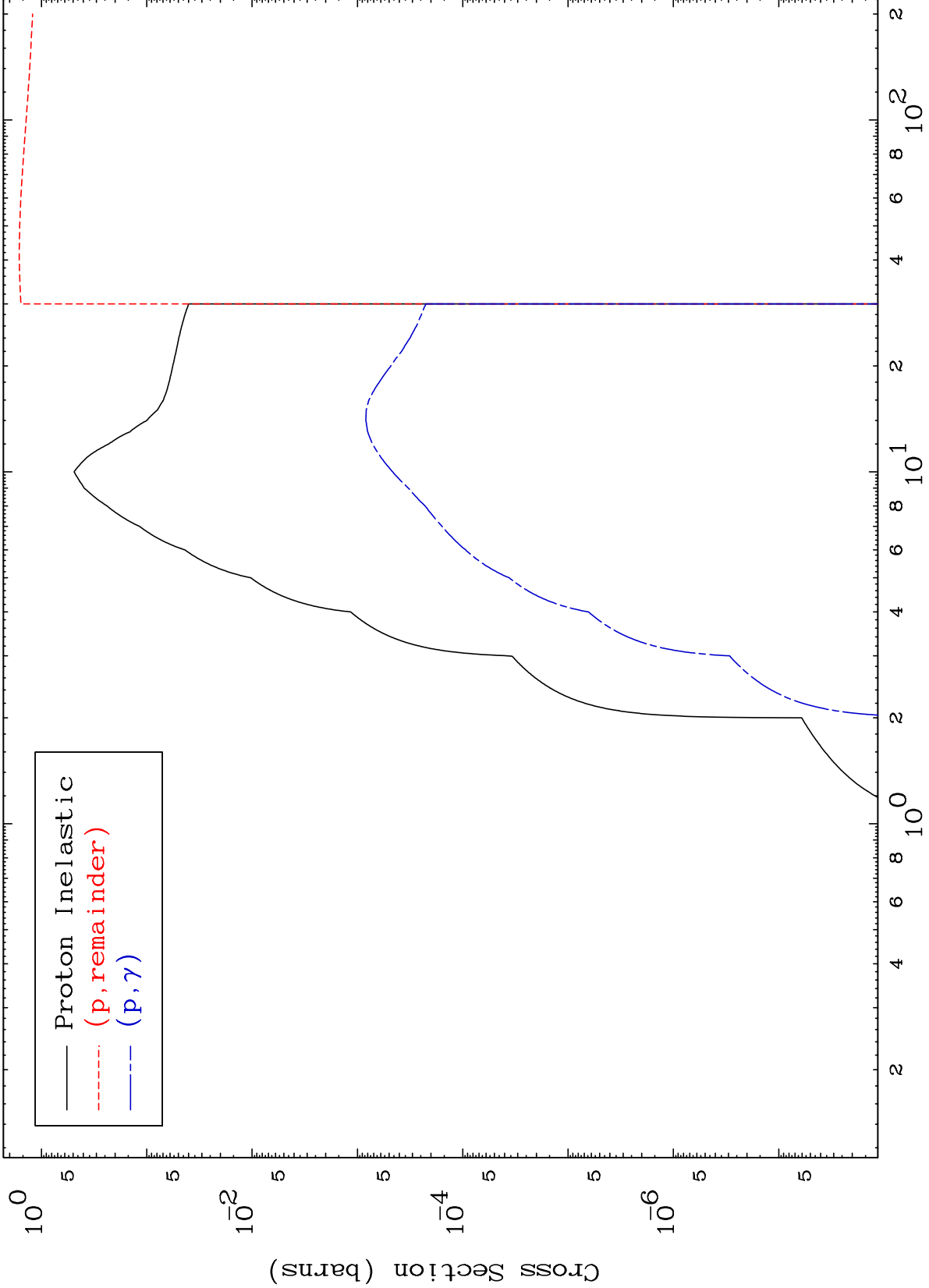
Press Mouse Button to Start

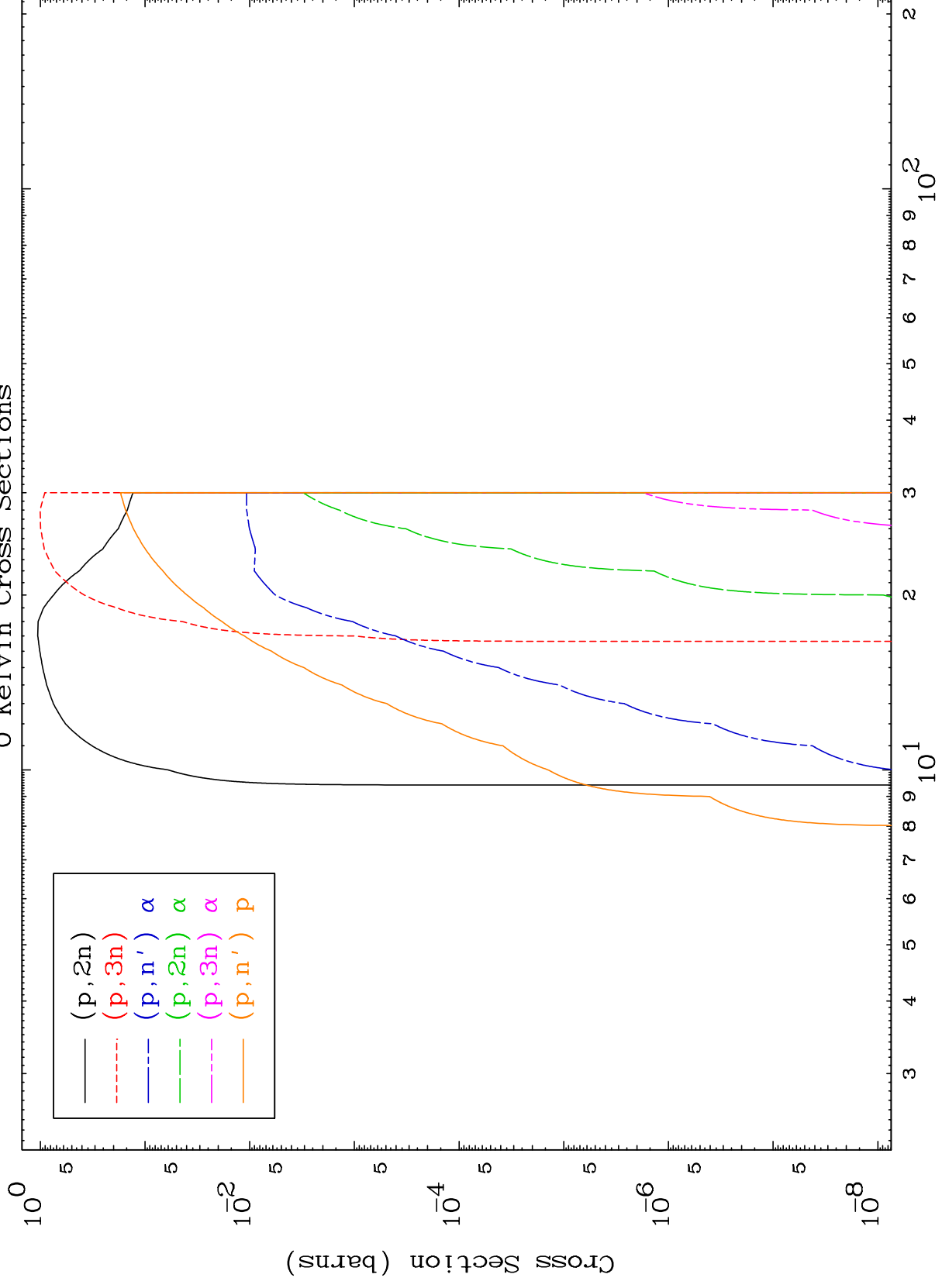
MAT 5452

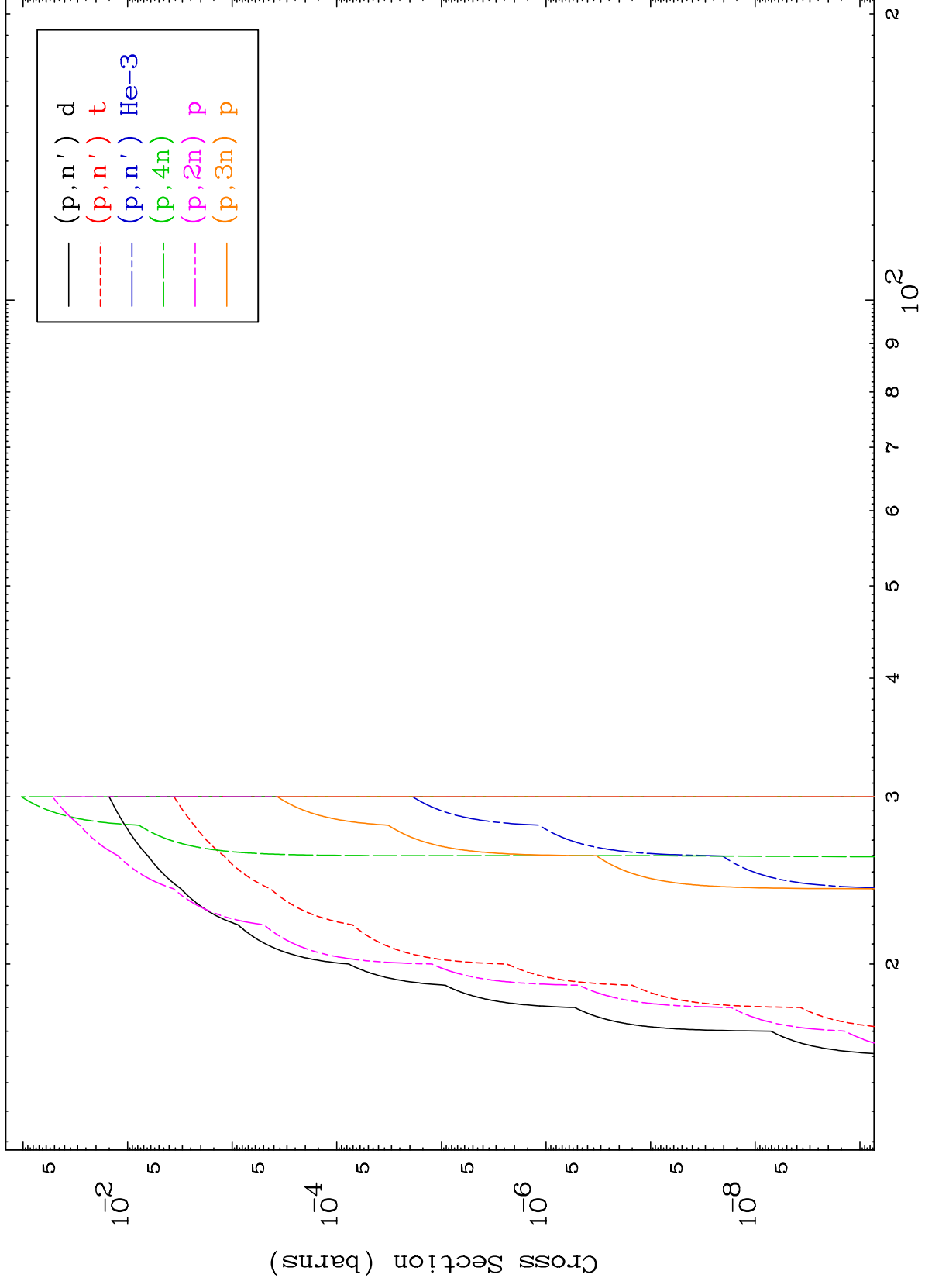
Proton Major

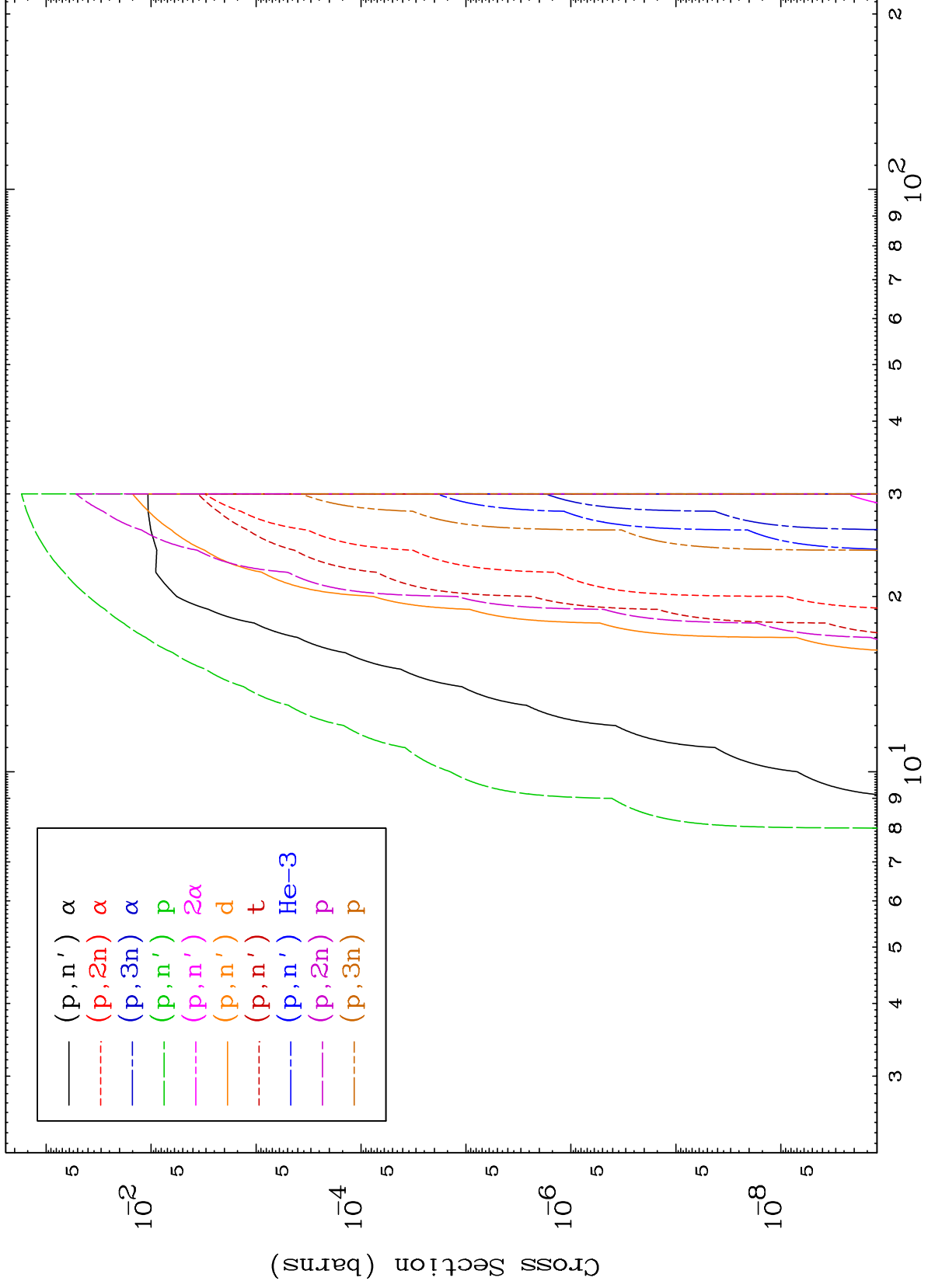
54-Xe-133

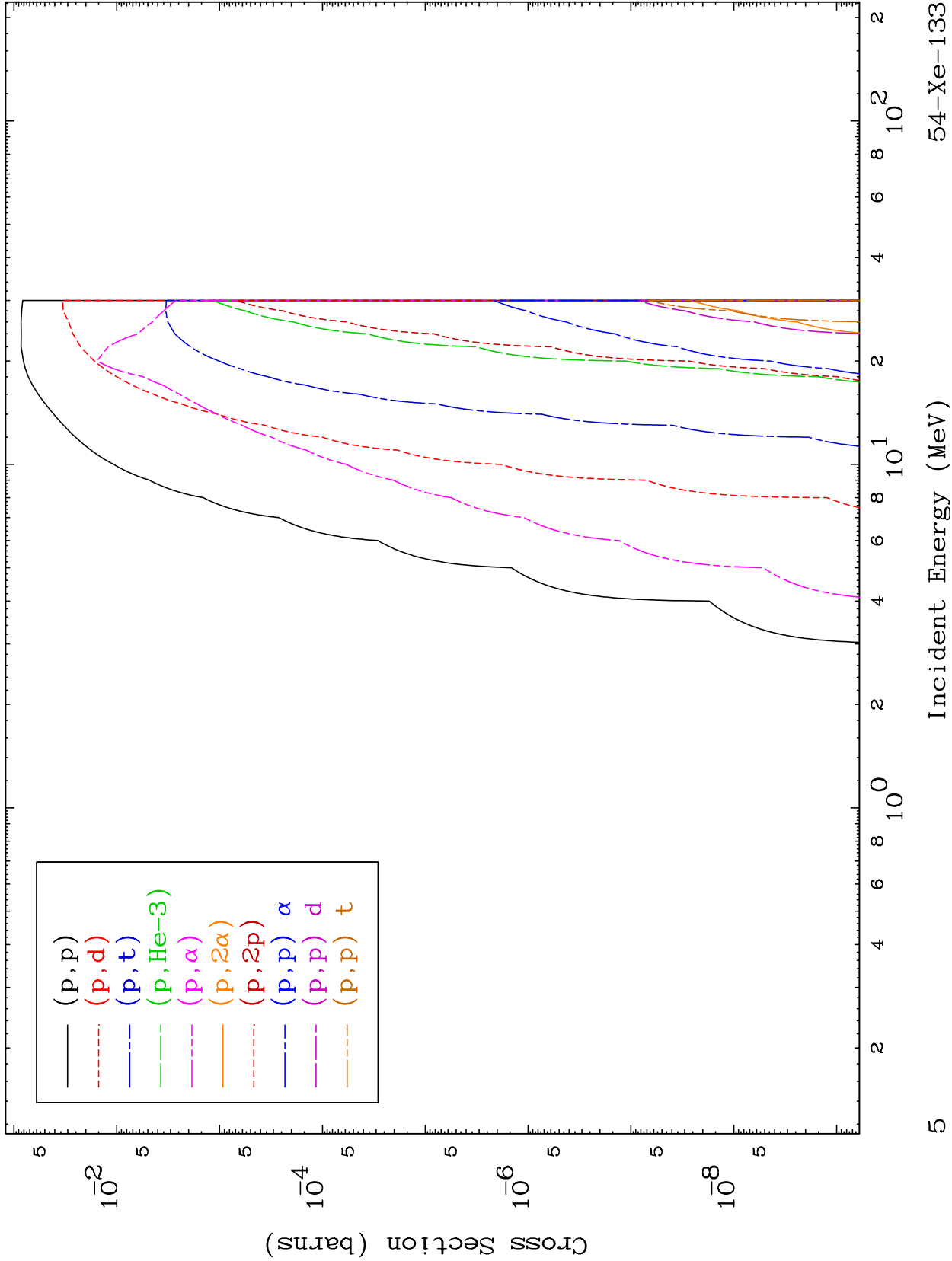
0 Kelvin Cross Sections







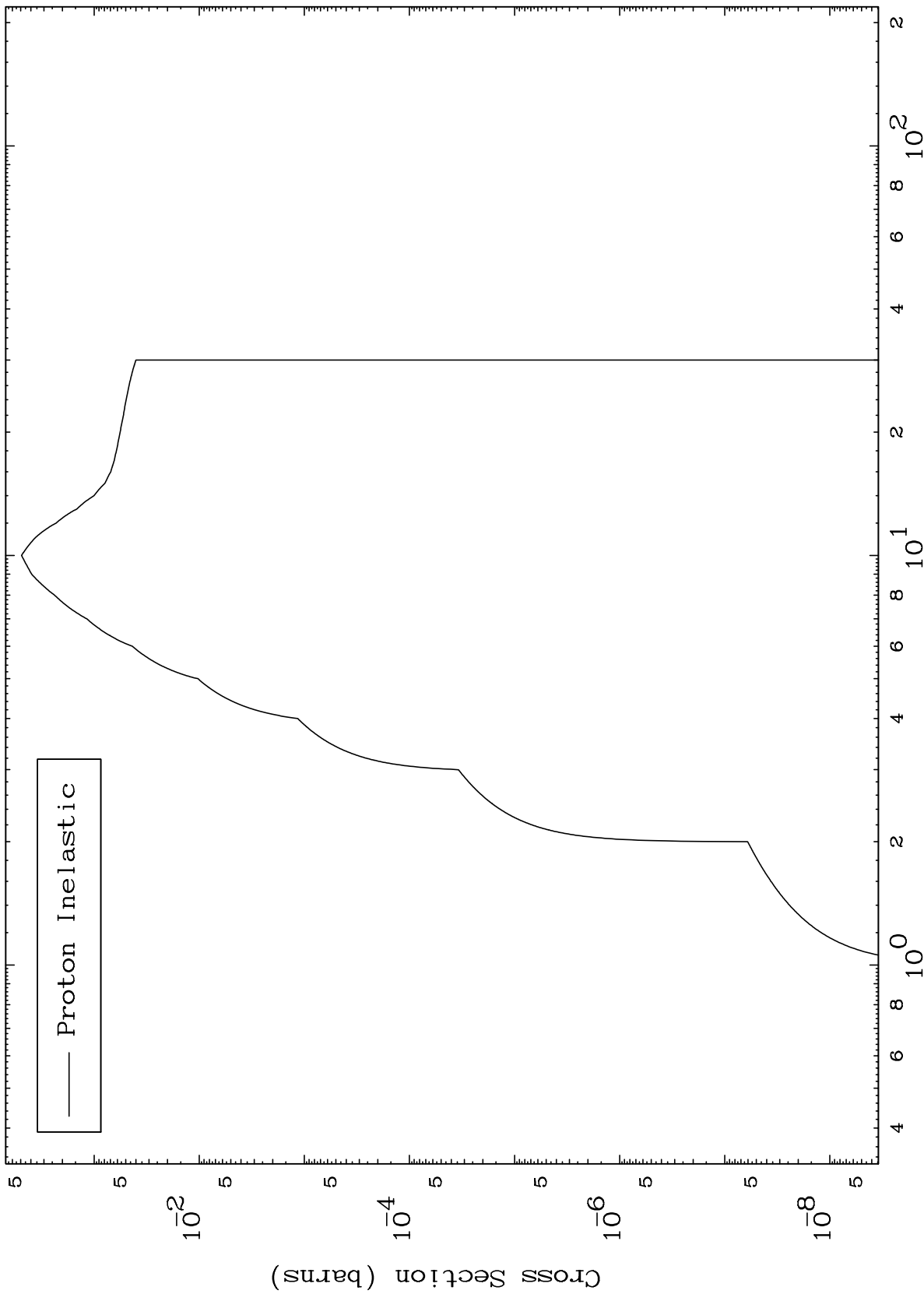




MAT 5452

54-Xe-133

(p,n') Level  
0 Kelvin Cross Sections



54-Xe-133

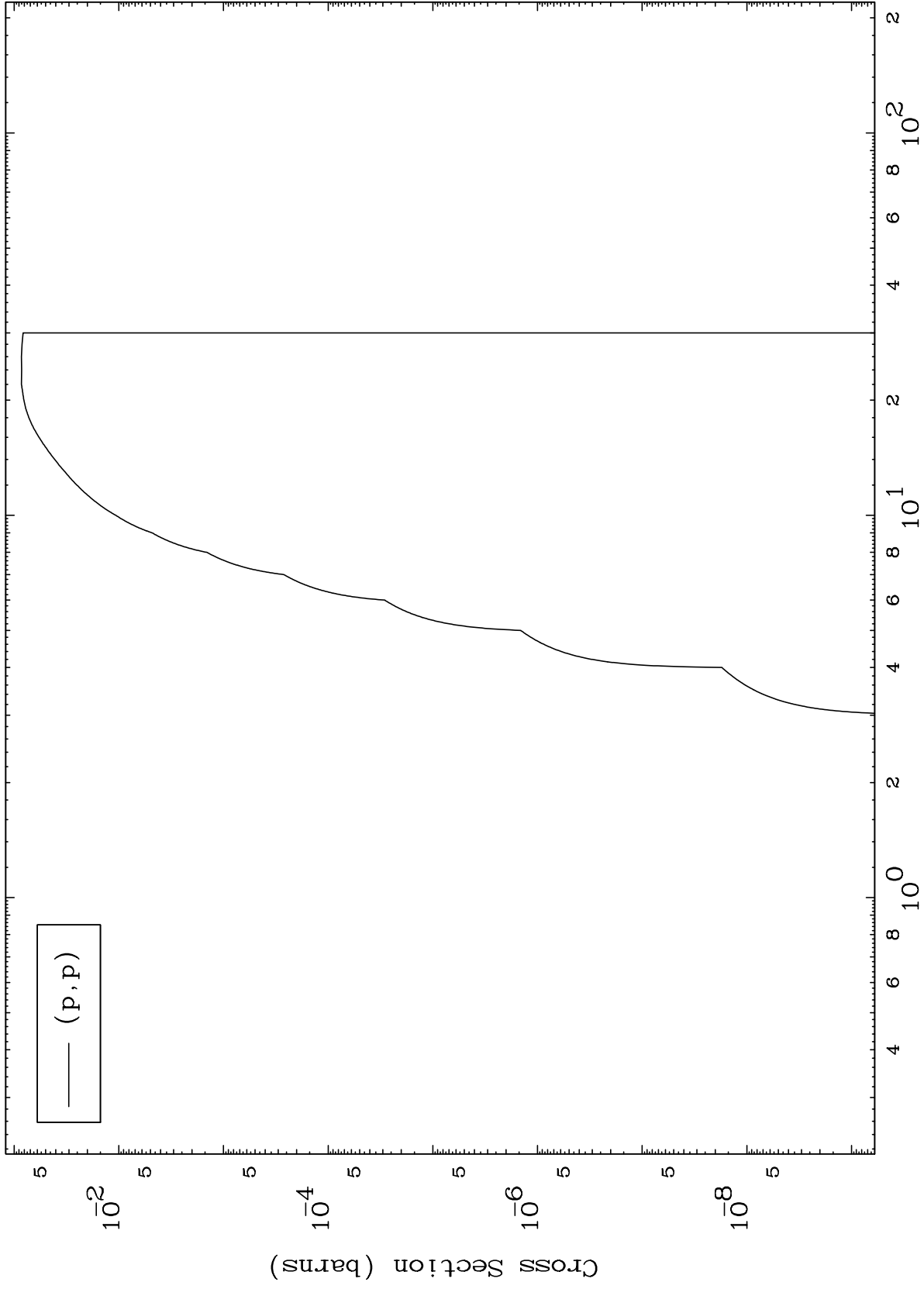
Incident Energy (MeV)

6

MAT 5452

(p,p) Levels  
0 Kelvin Cross Sections

54-Xe-133

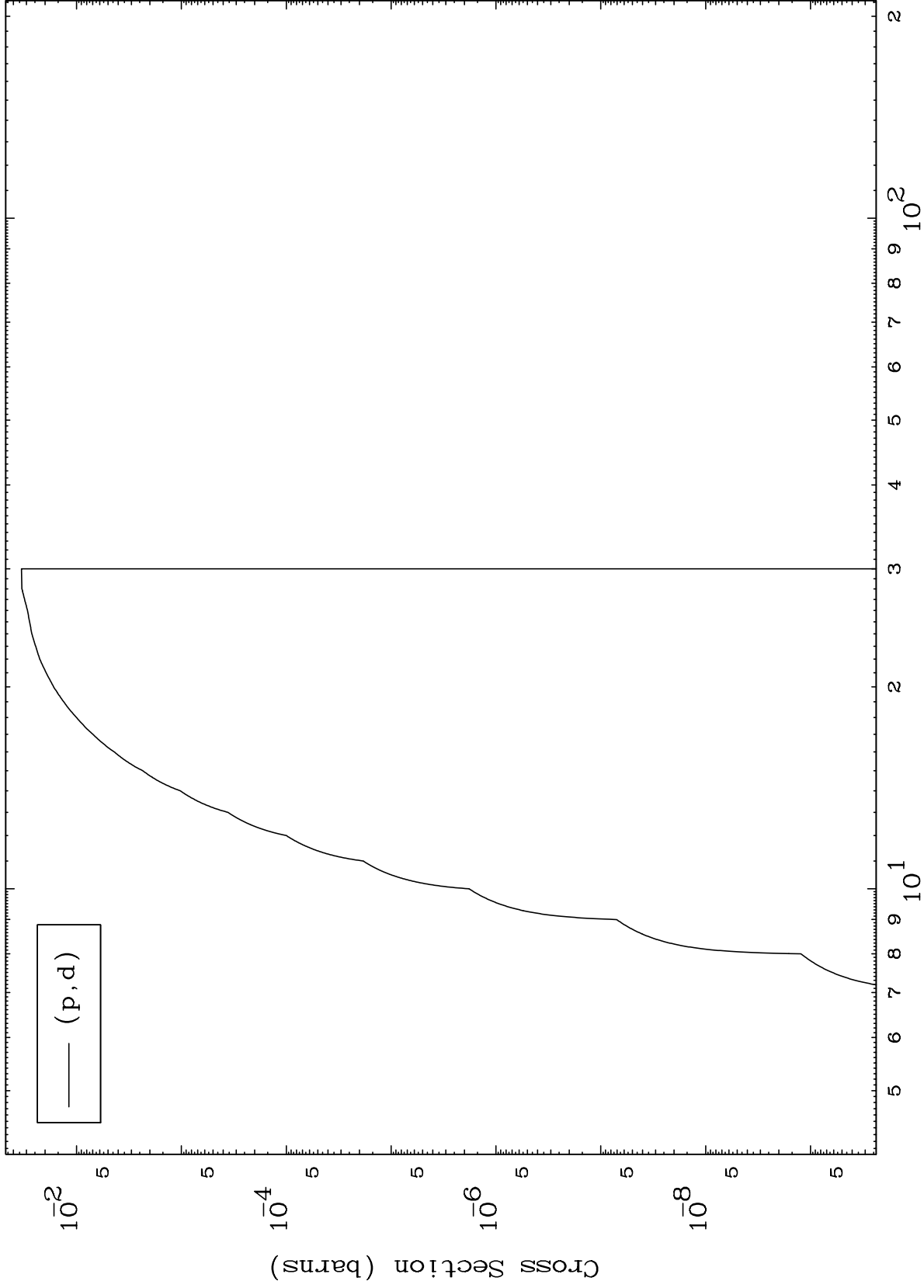




MAT 5452

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-133



8

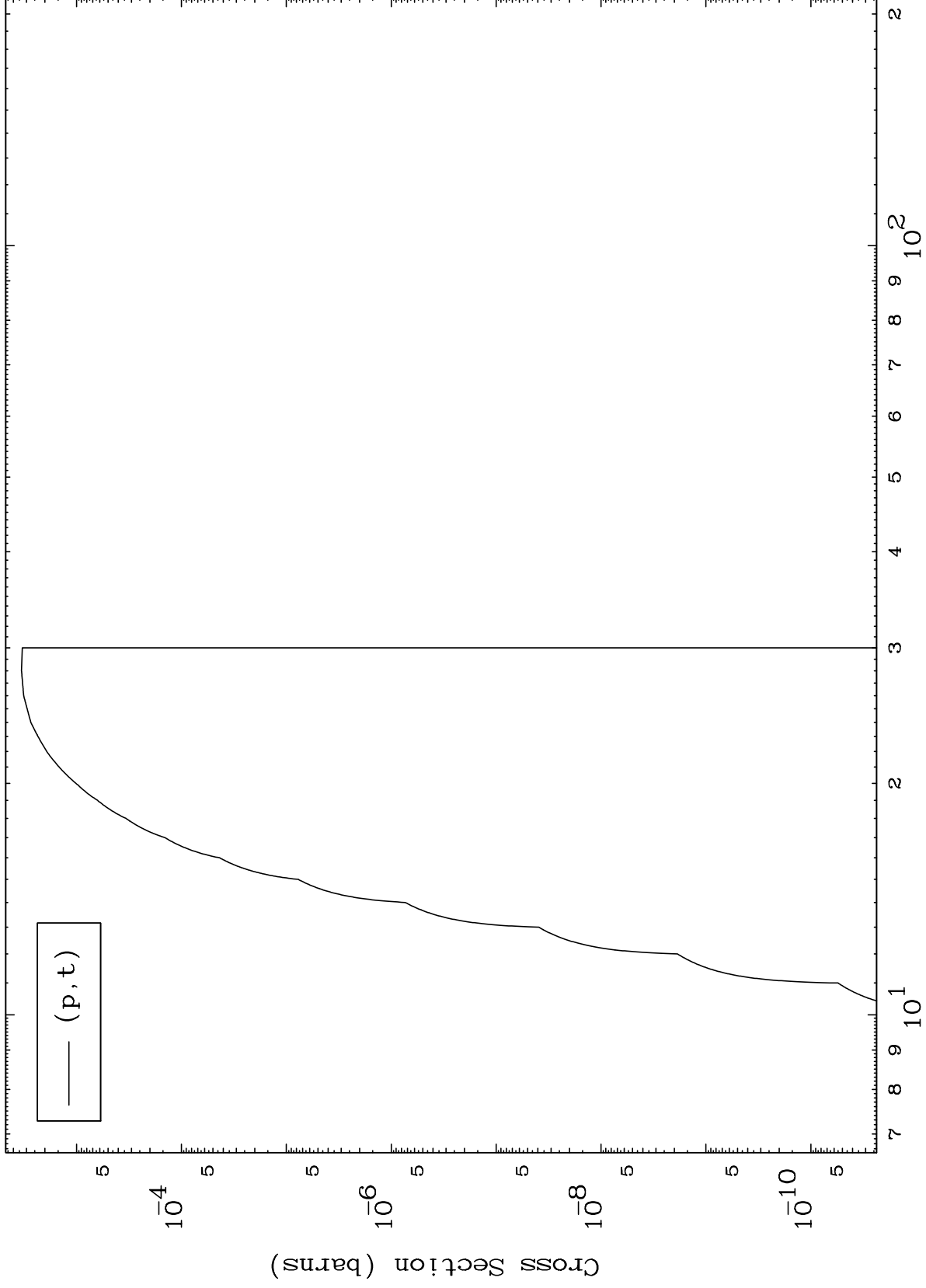
Incident Energy (MeV)

54-Xe-133

MAT 5452

(p, t) Levels  
0 Kelvin Cross Sections

54-Xe-133



9

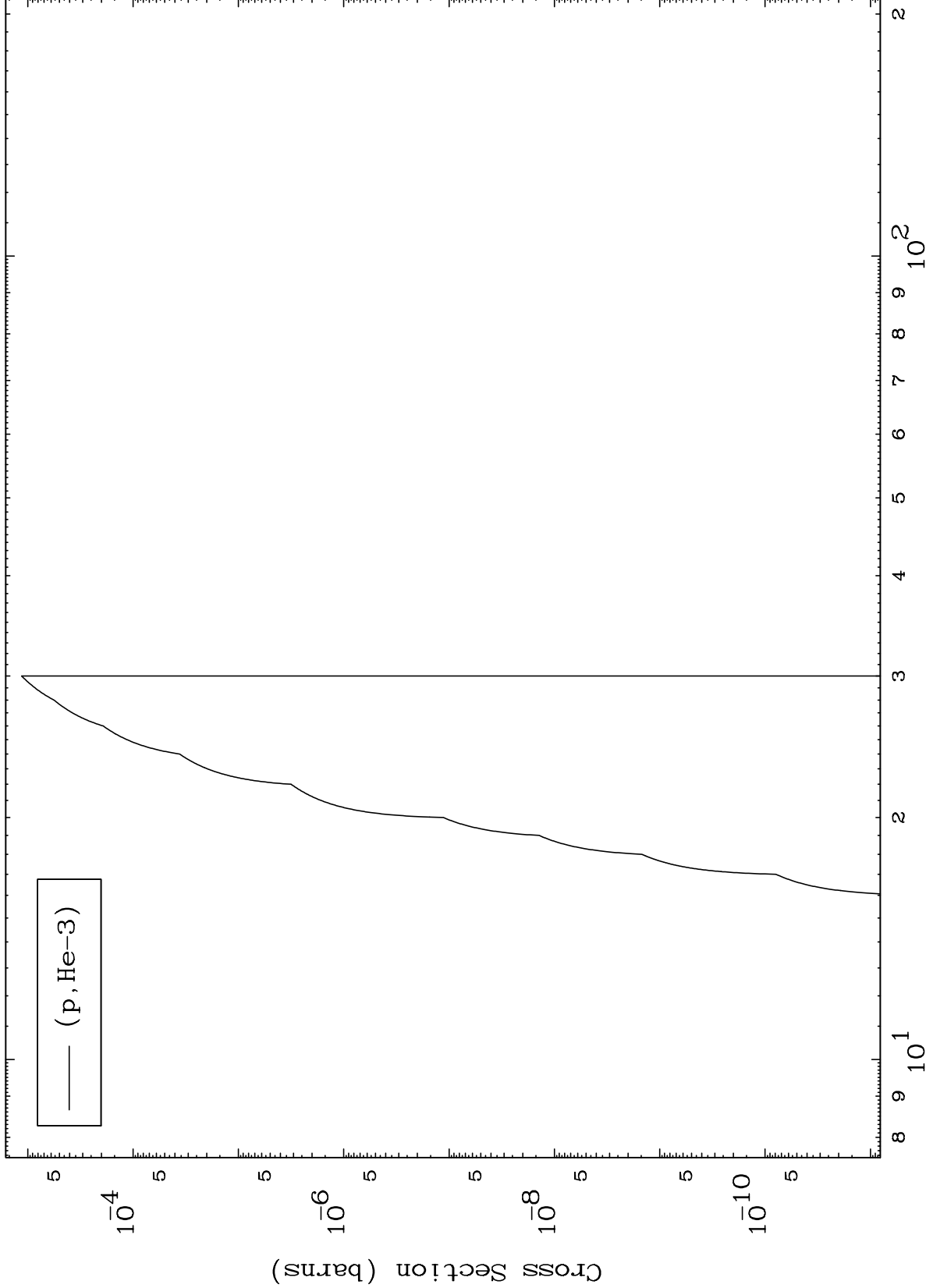
Incident Energy (MeV)

54-Xe-133

MAT 5452

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-133



10

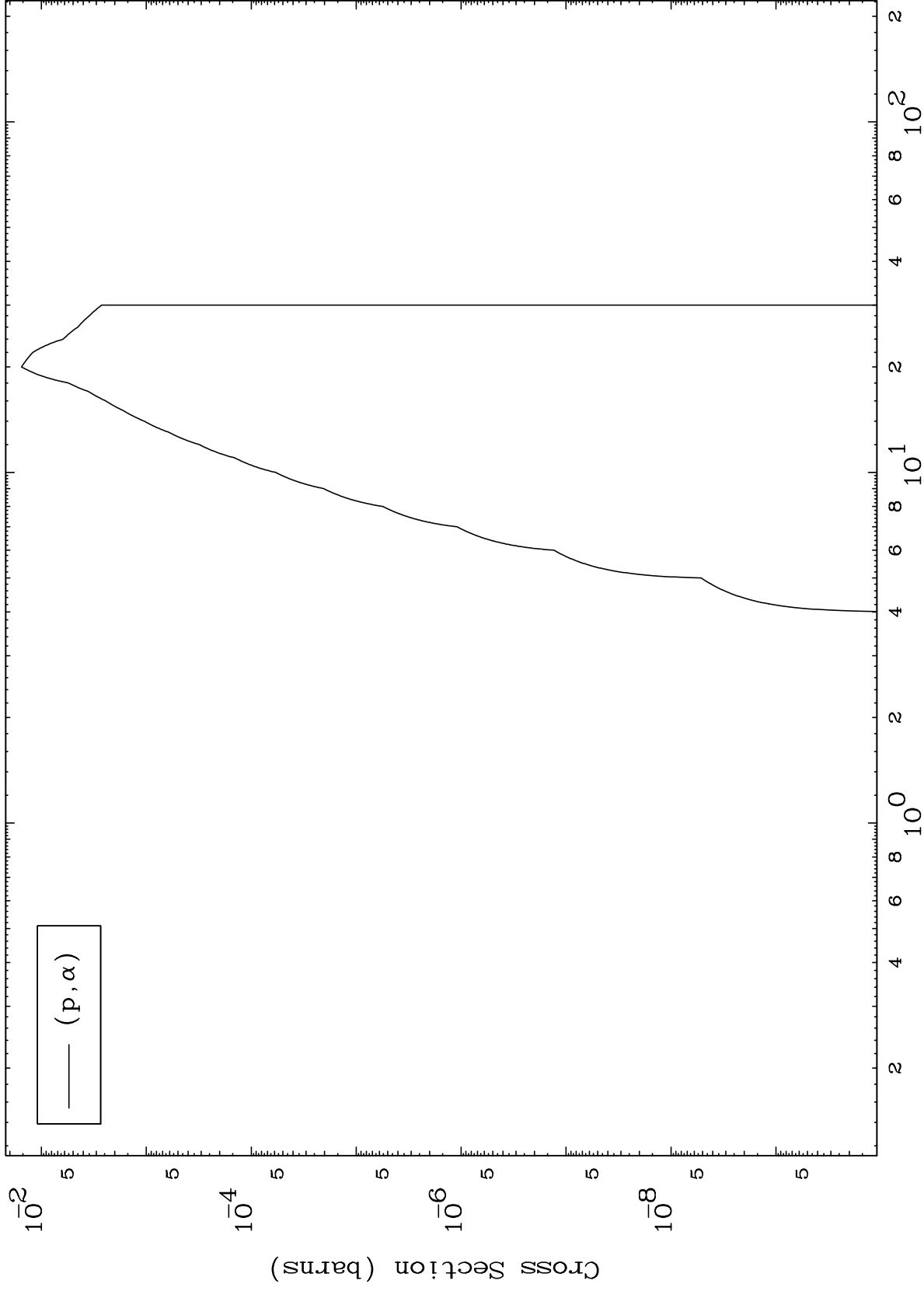
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



54-Xe-133

Incident Energy (MeV)

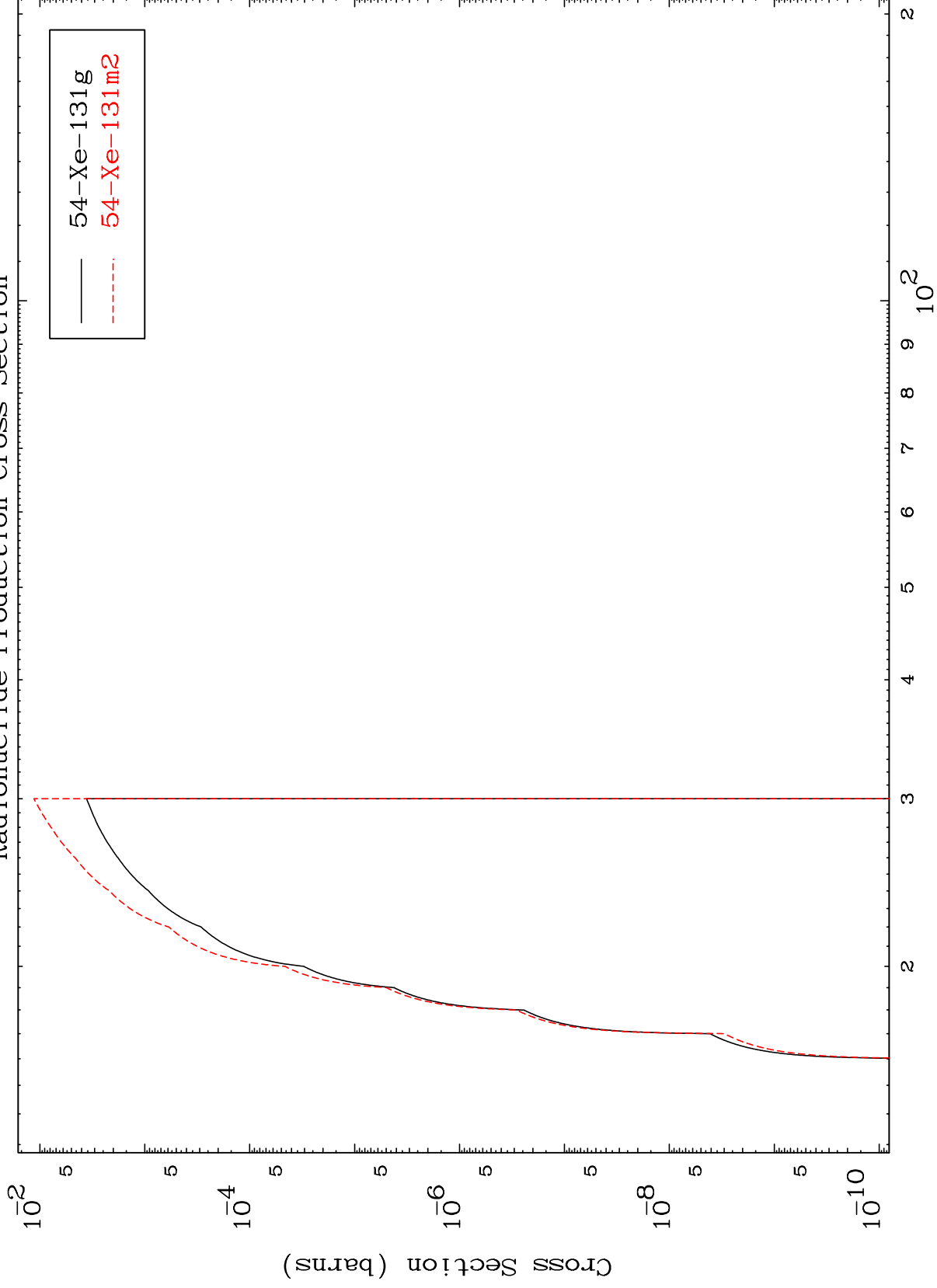
11

MAT 5452

(p,n') d

54-Xe-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

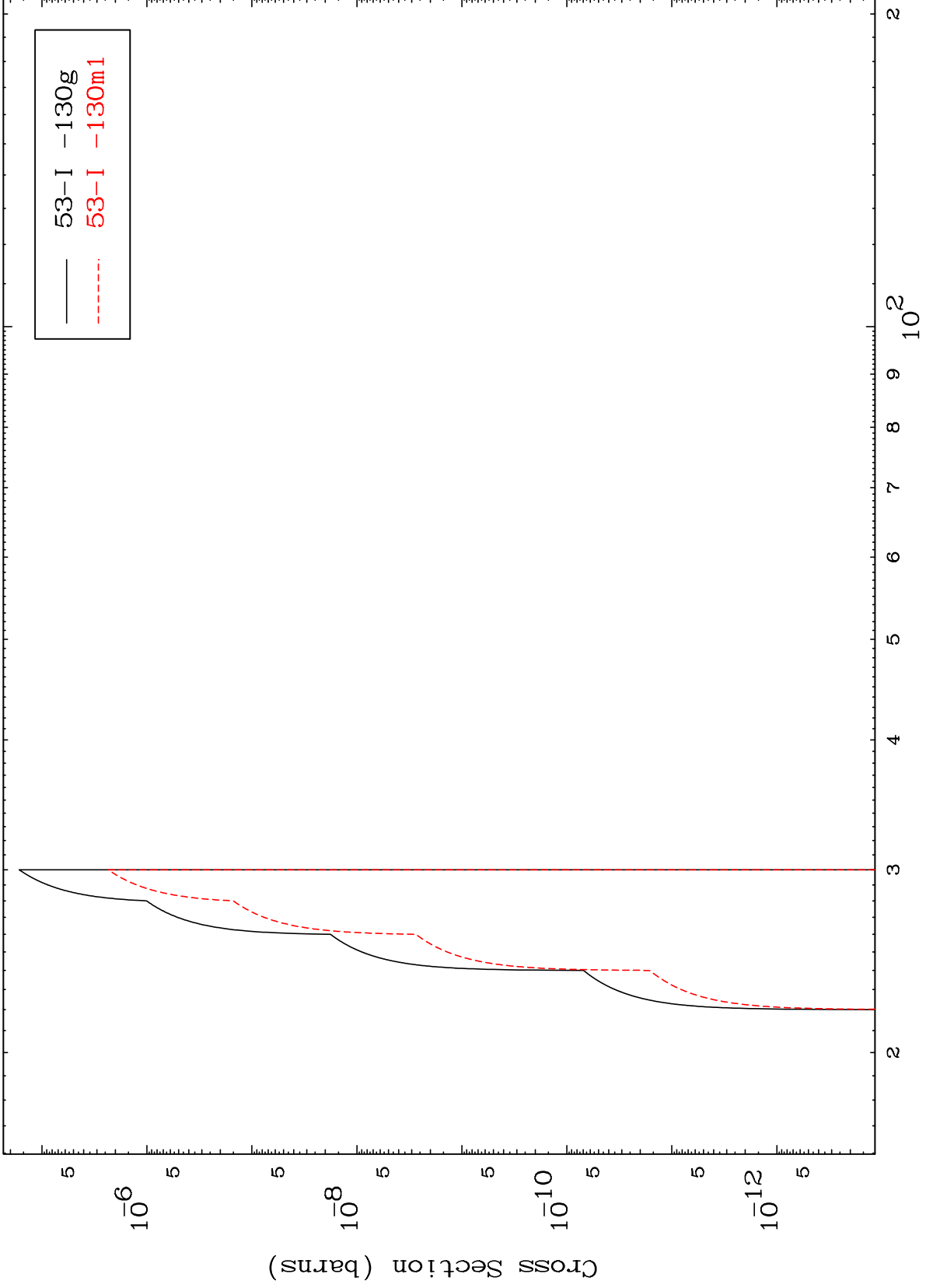
54-Xe-133

MAT 5452

(p,n') He-3

54-Xe-133

Radionuclide Production Cross Section



13

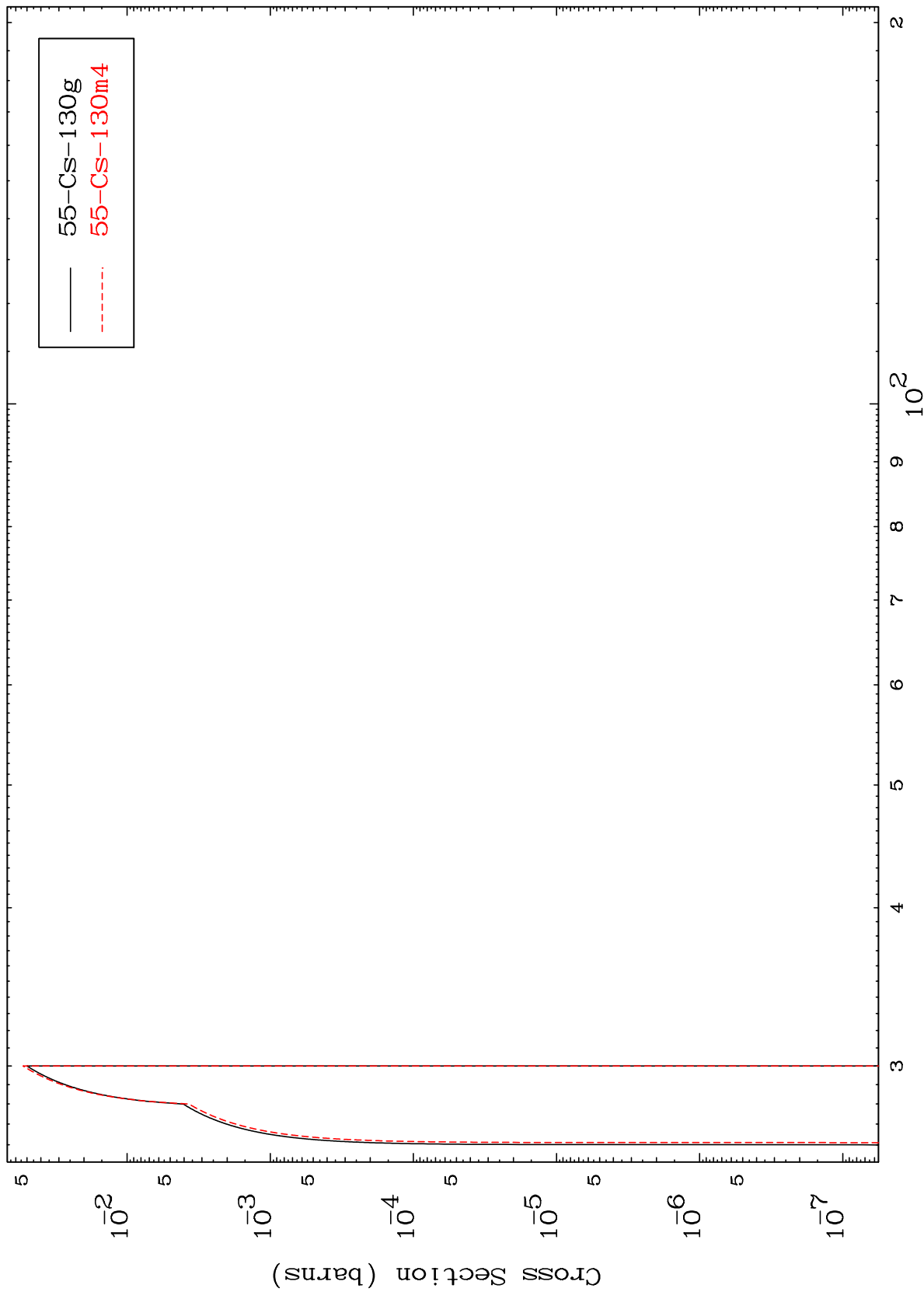
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(p,4n)  
Radionuclide Production Cross Section



54-Xe-133

Incident Energy (MeV)

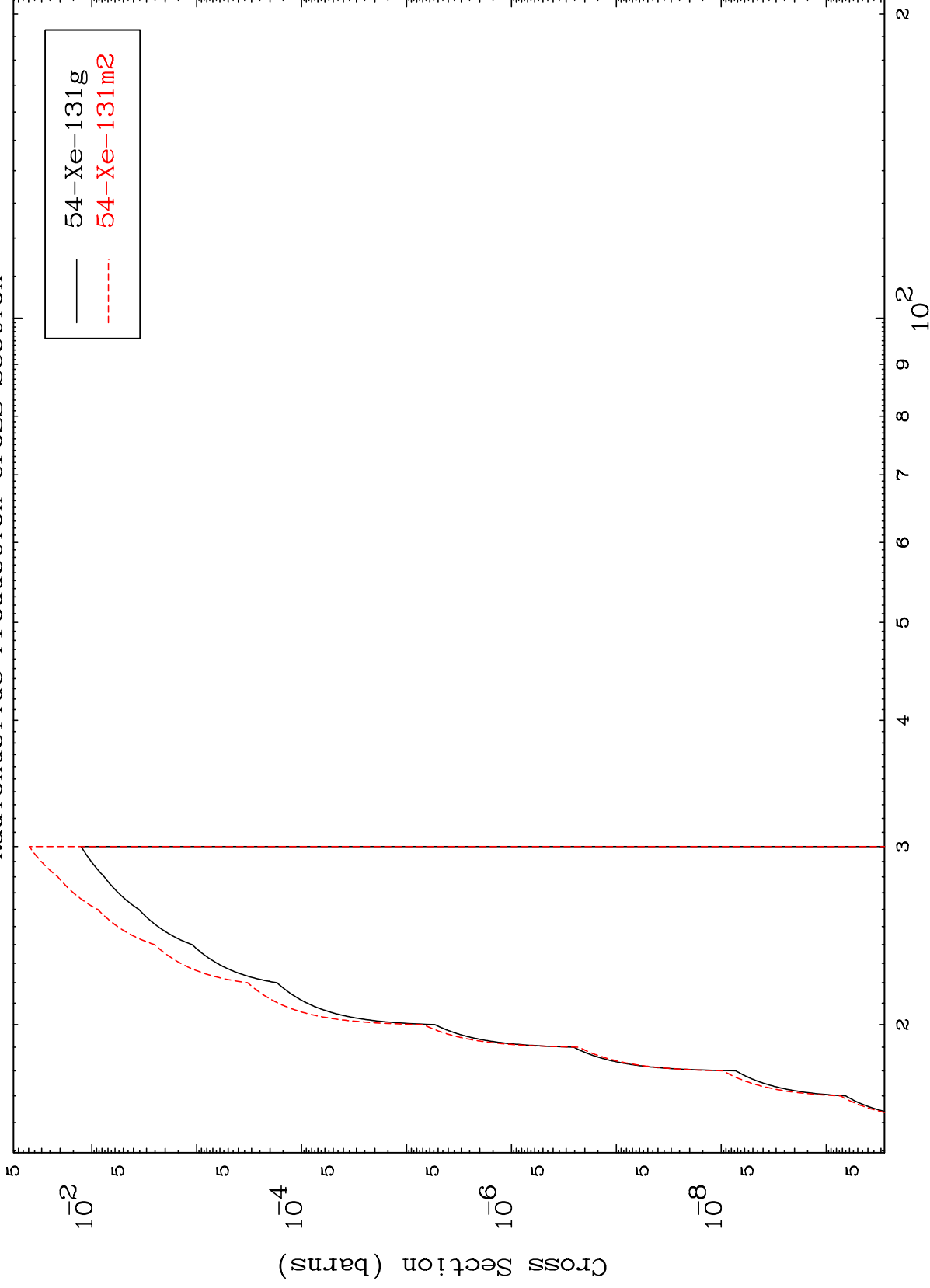
14

MAT 5452

(p,2n) p

54-Xe-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

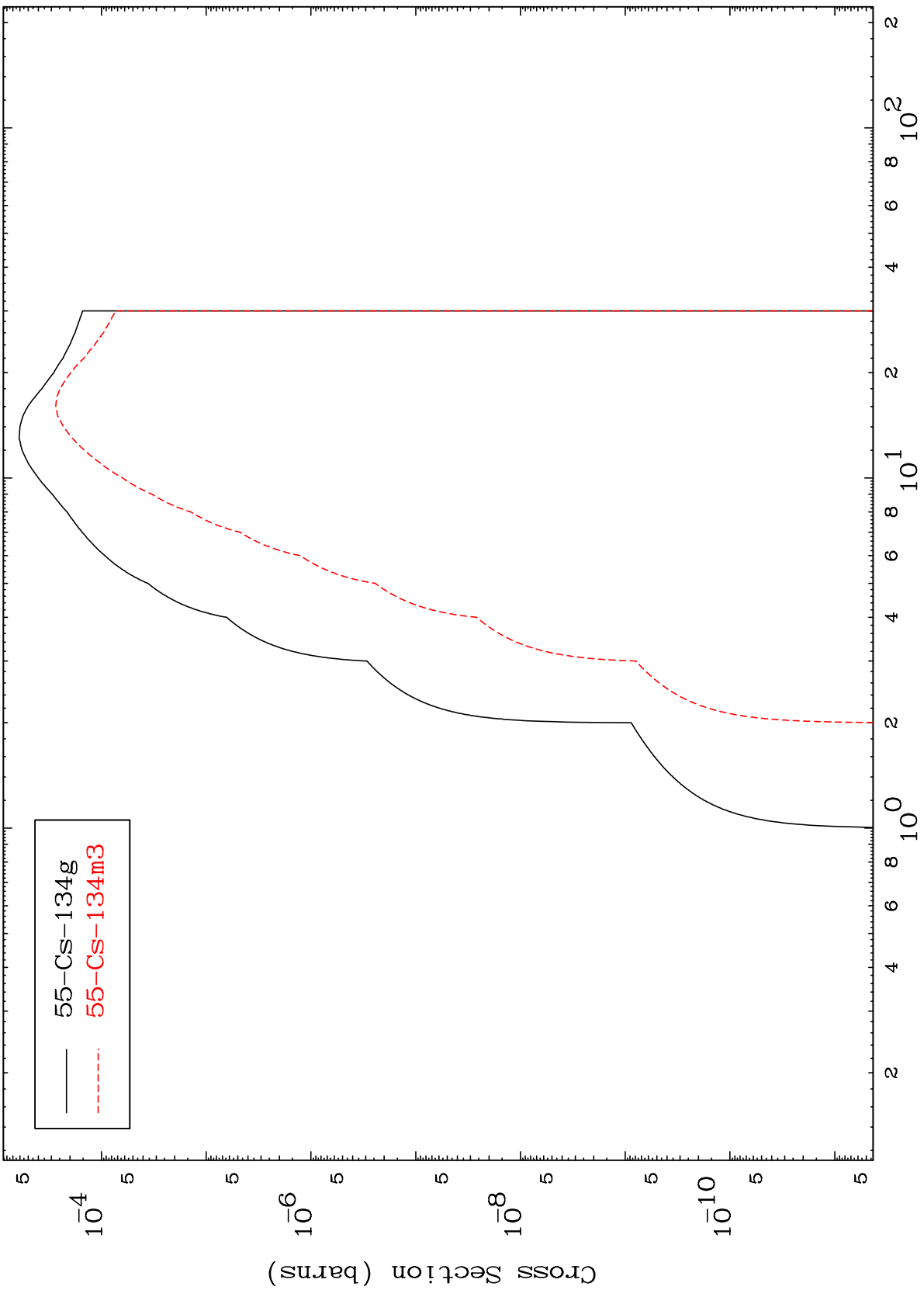
54-Xe-133



MAT 5452

54-Xe-133

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



— 55-Cs-134g  
- - - 55-Cs-134m3

16

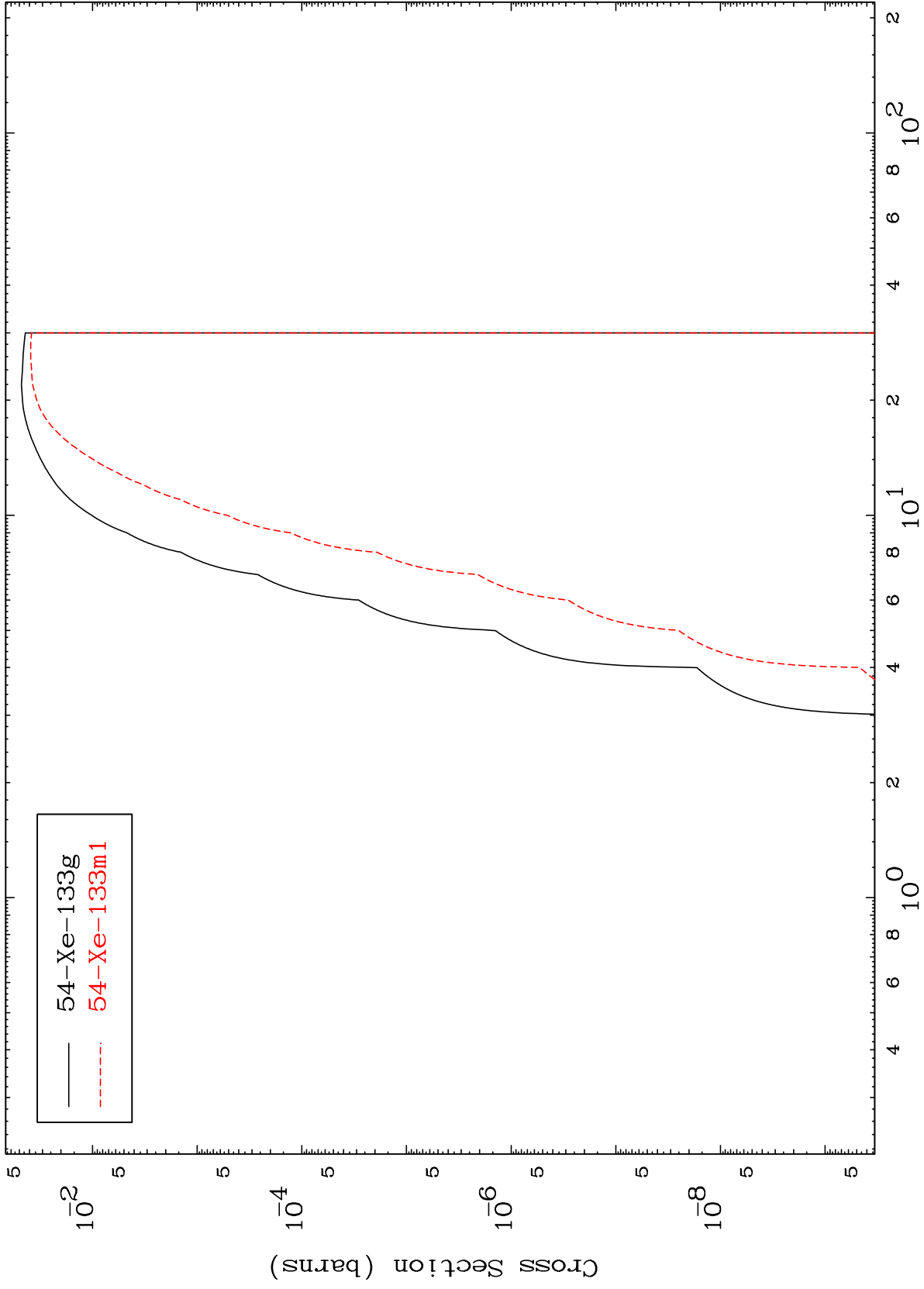
54-Xe-133

Incident Energy (MeV)

MAT 5452

54-Xe-133

(p,p)  
Radionuclide Production Cross Section



54-Xe-133

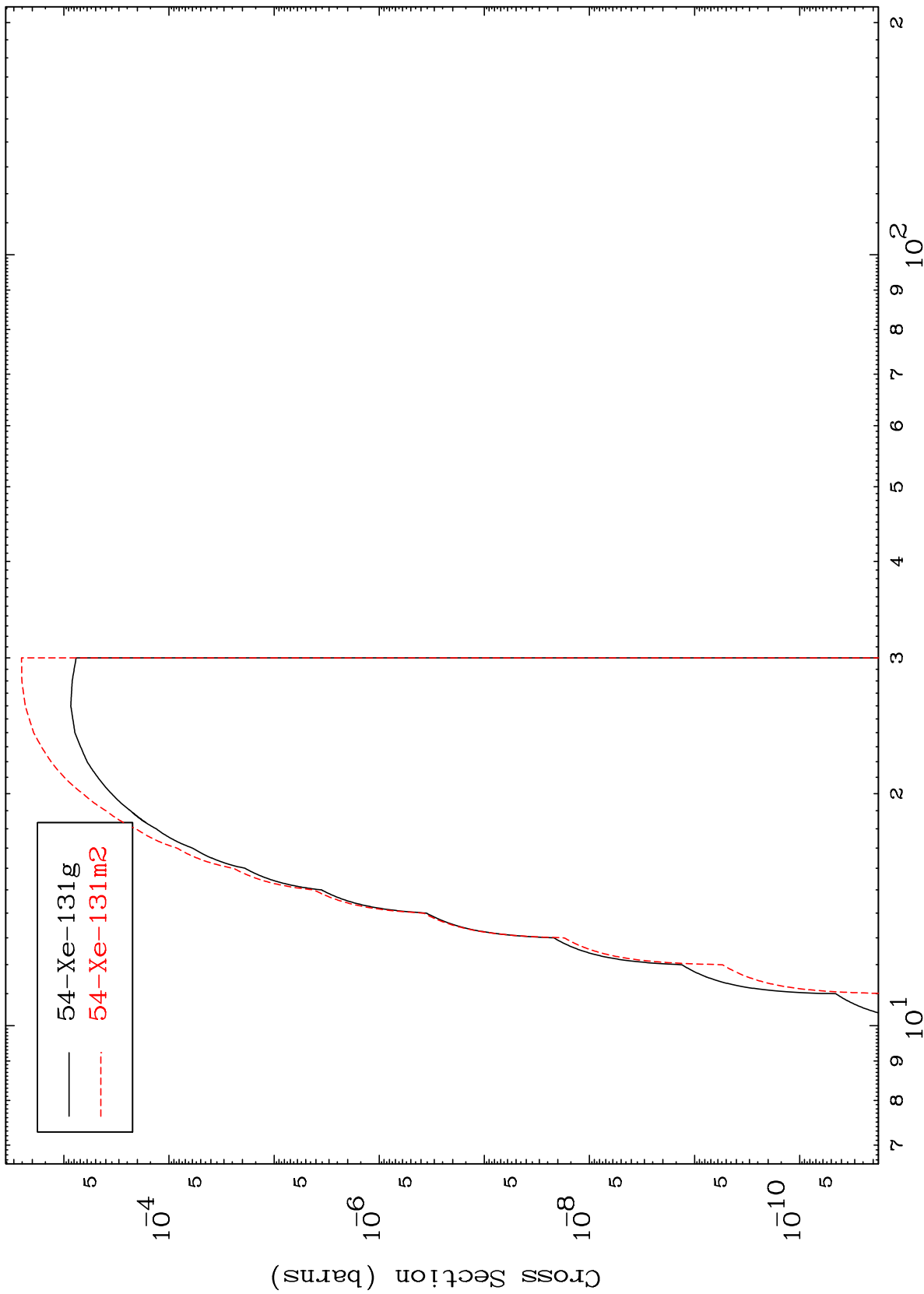
Incident Energy (MeV)

17

MAT 5452

54-Xe-133

(p, t)  
Radionuclide Production Cross Section



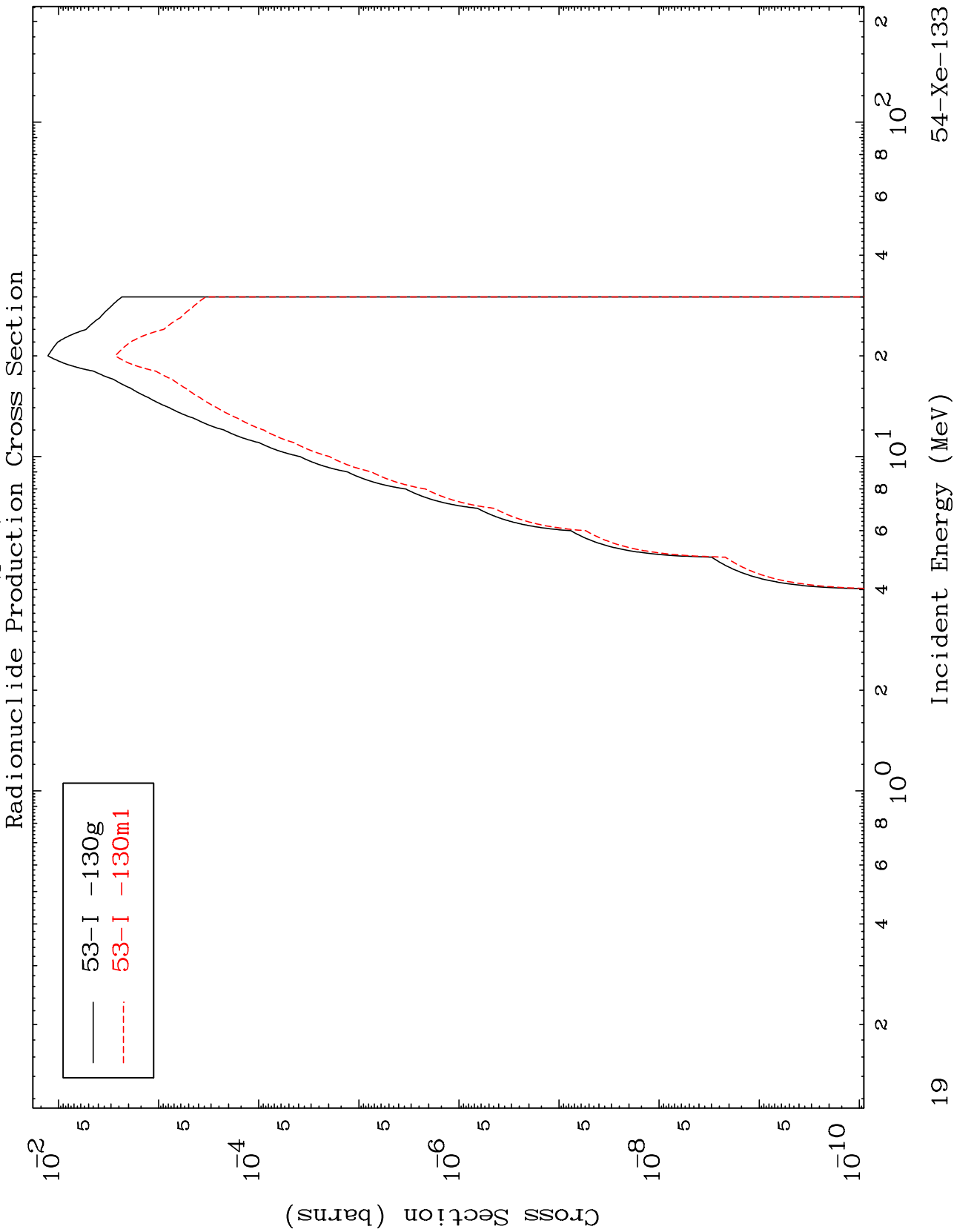
18

Incident Energy (MeV)

54-Xe-133

MAT 5452

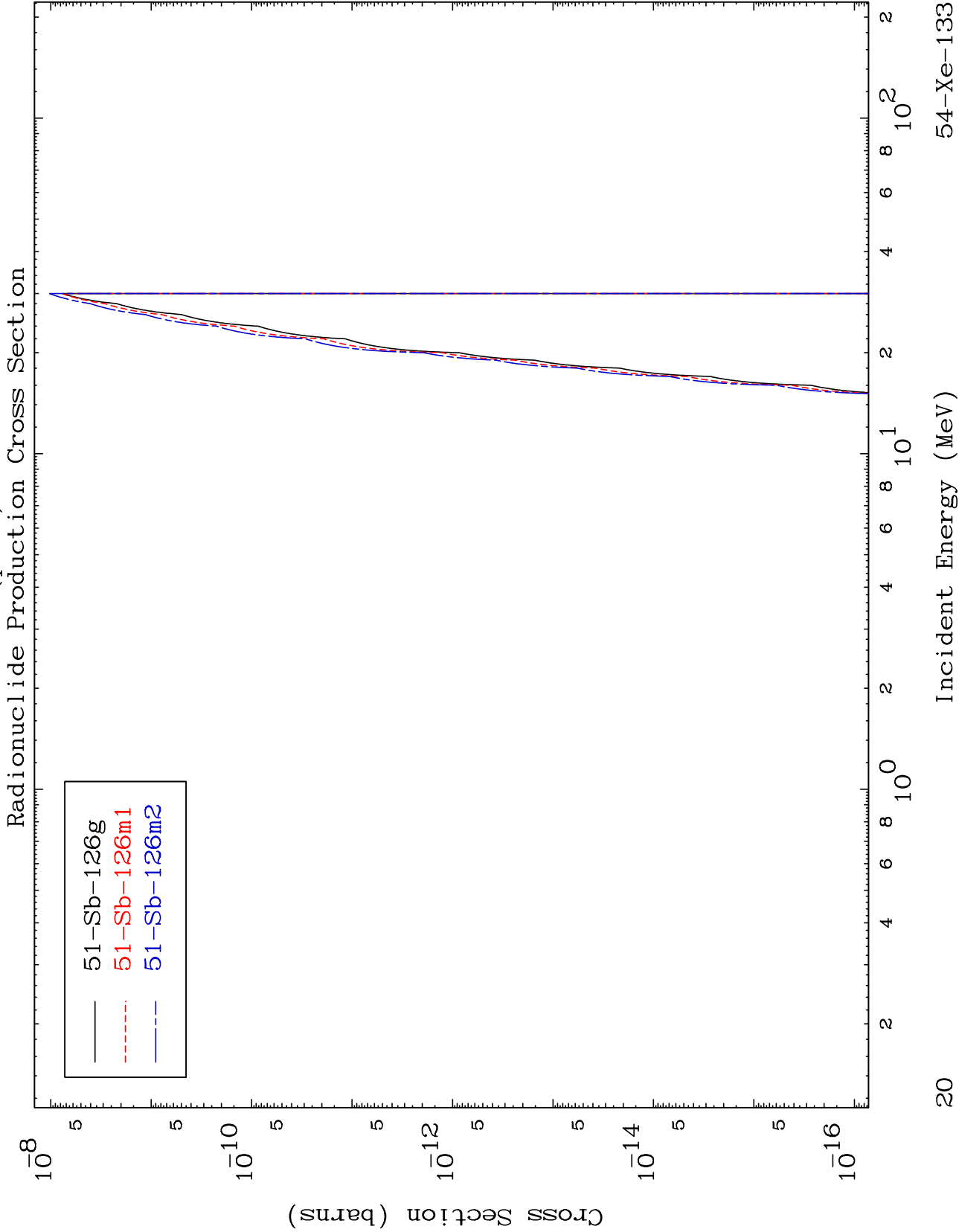
54-Xe-133



MAT 5452

(p,2α)

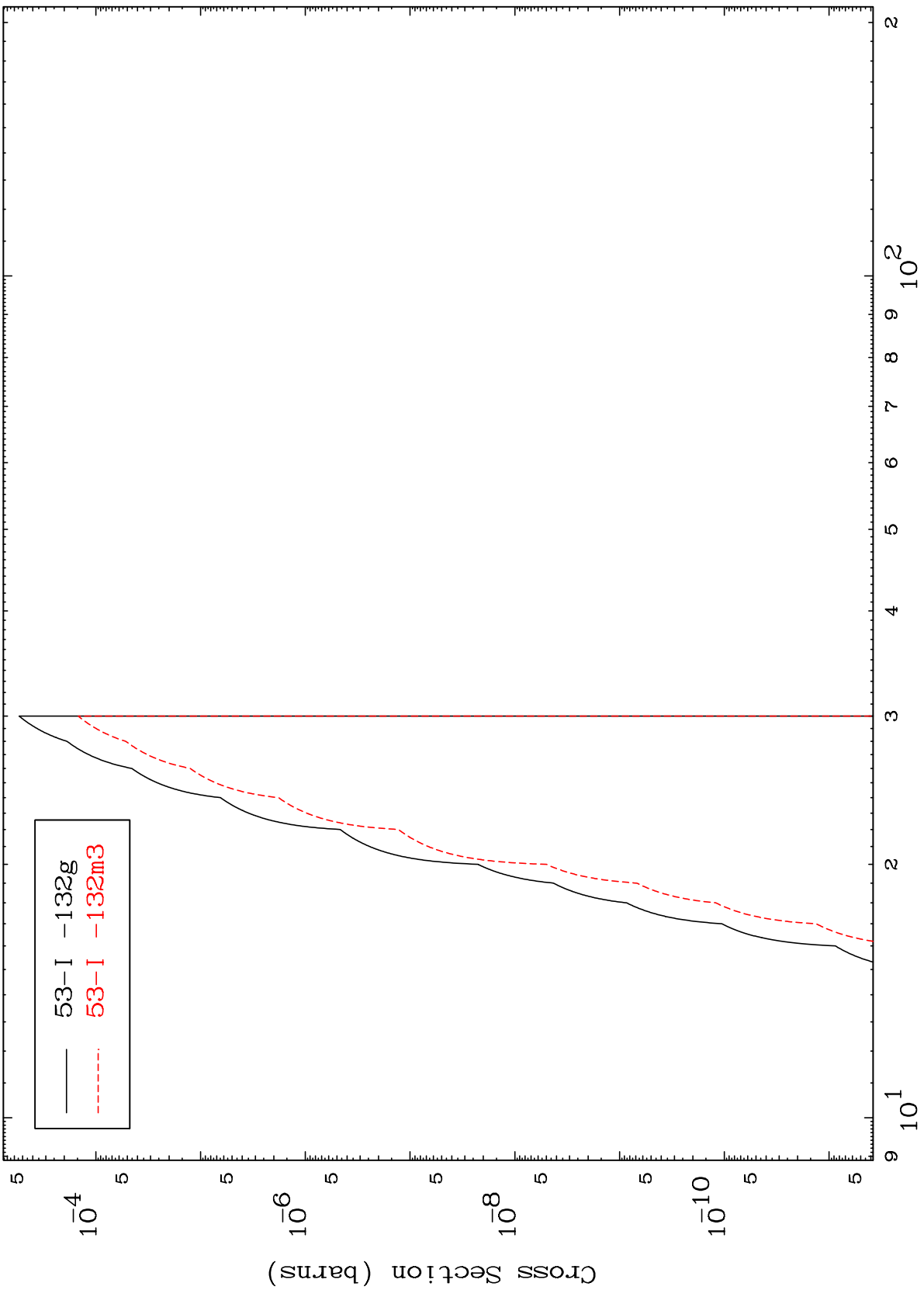
54-Xe-133



MAT 5452

54-Xe-133

(p,2p)  
Radionuclide Production Cross Section



53-I-132g  
53-I-132m3

54-Xe-133

Incident Energy (MeV)

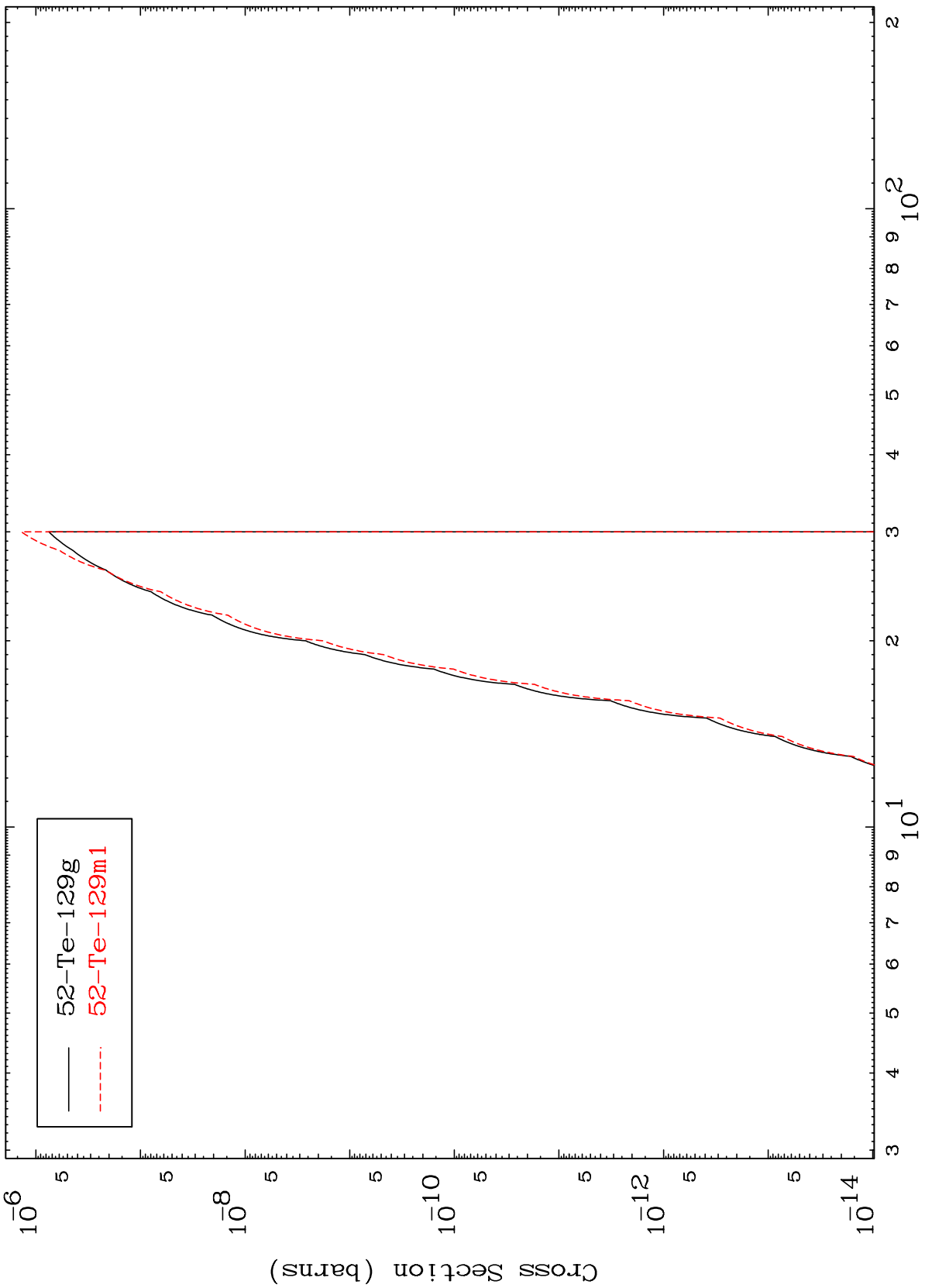
21

MAT 5452

(p,p)  $\alpha$

54-Xe-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

54-Xe-133

