

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

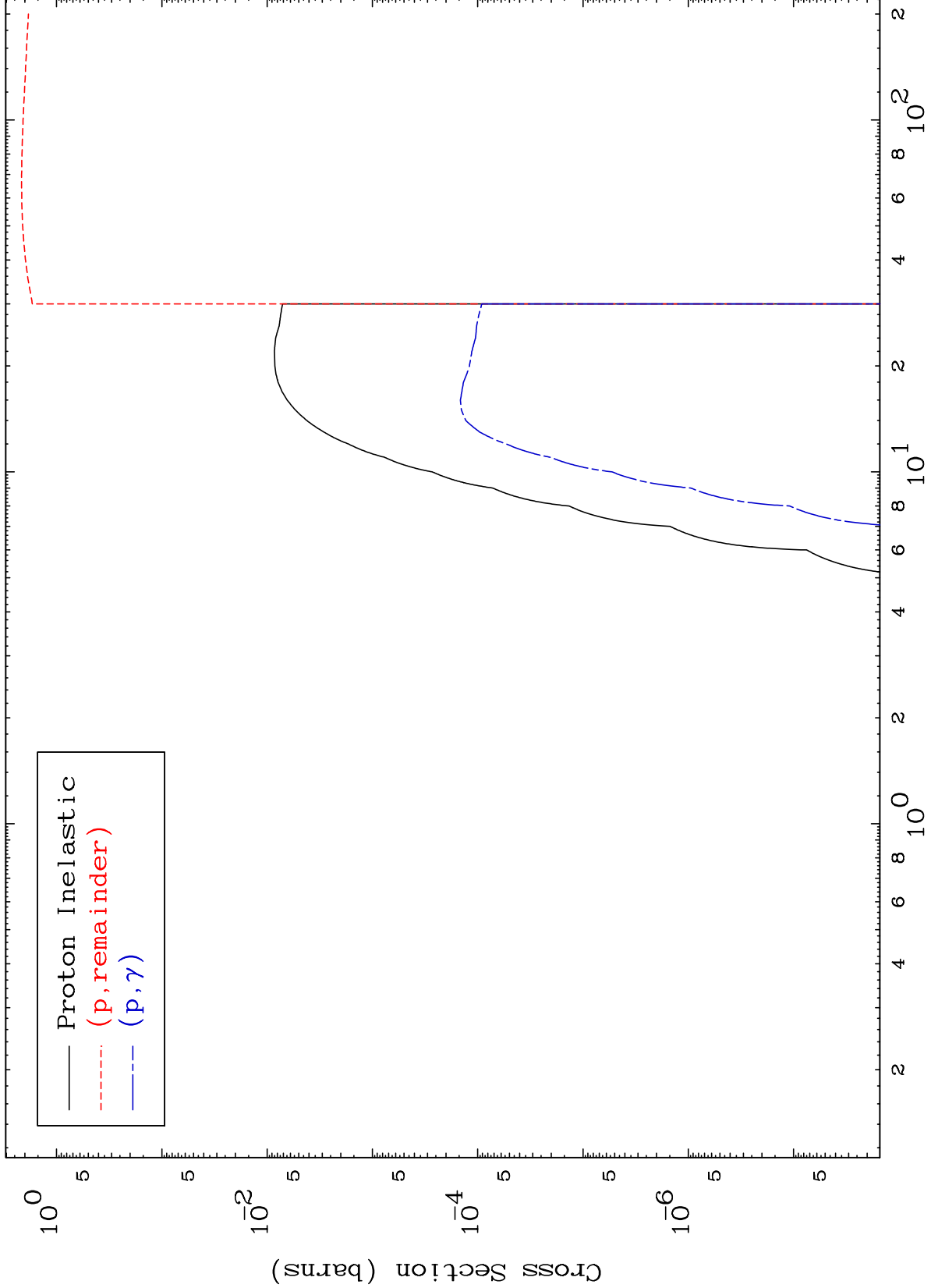
Press Mouse Button to Start

MAT 9983

Proton Major

103-Lr-254

0 Kelvin Cross Sections

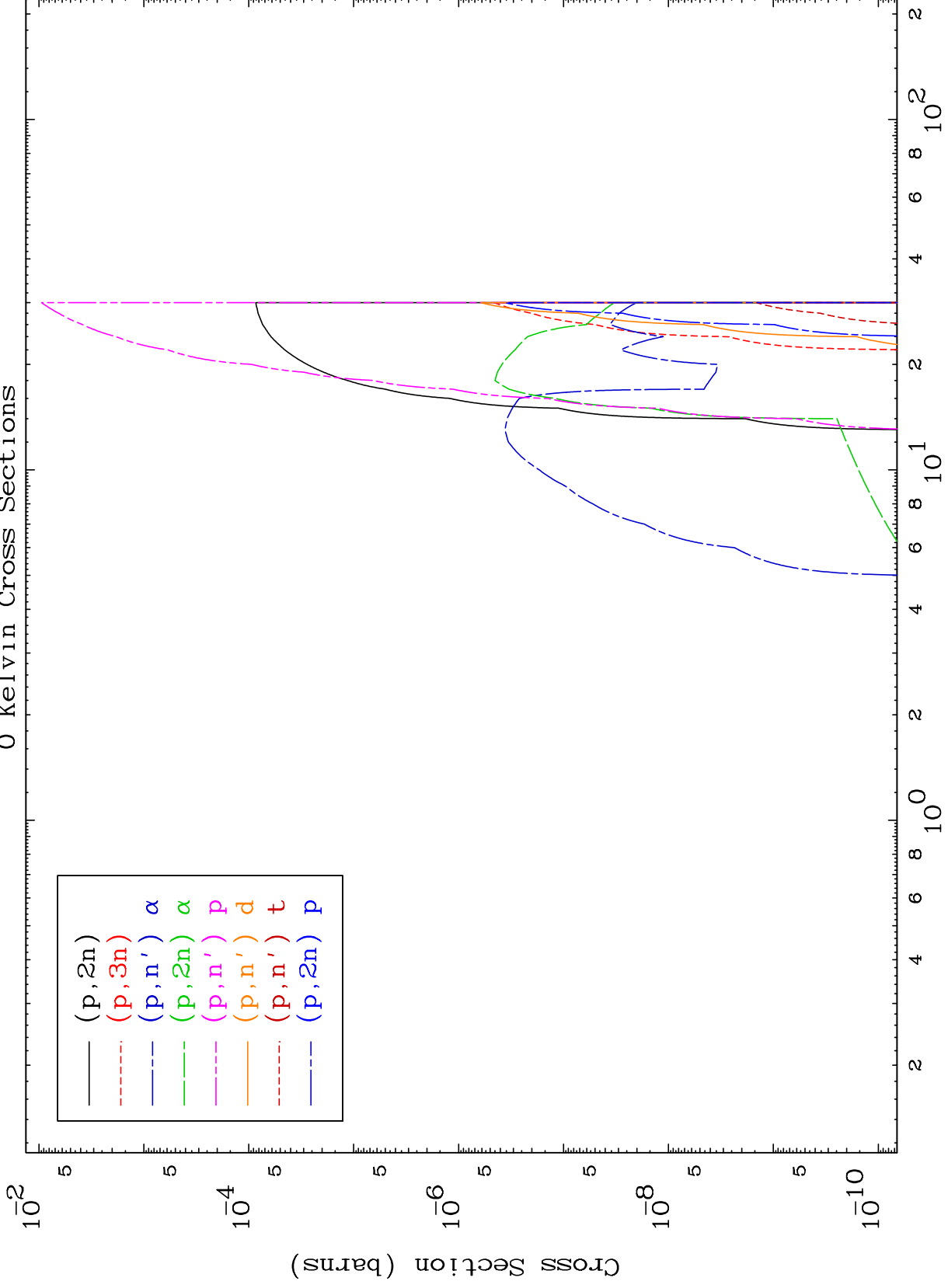


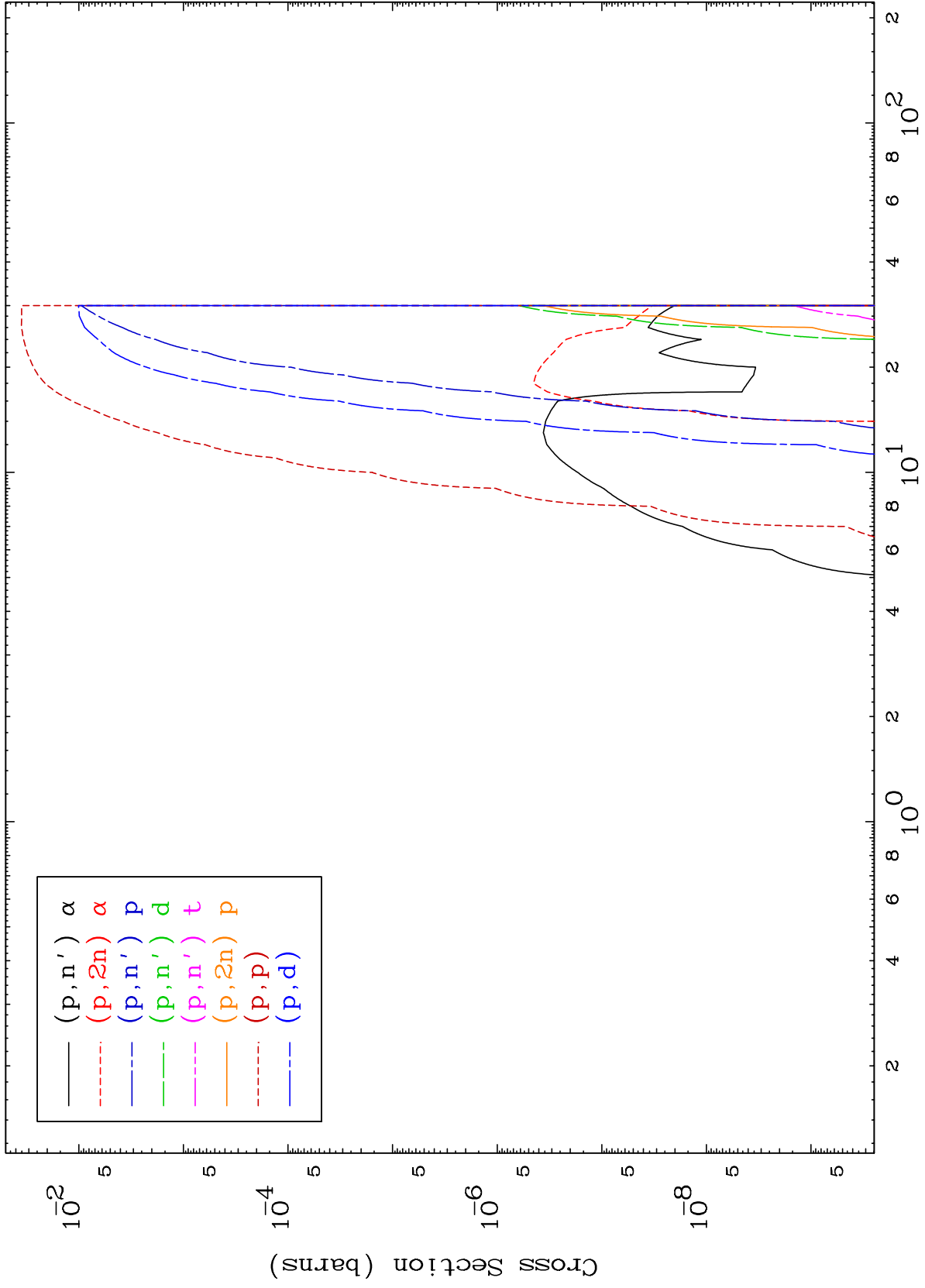
— Proton Inelastic  
- - - (p, remainder)  
- - - (p, γ)

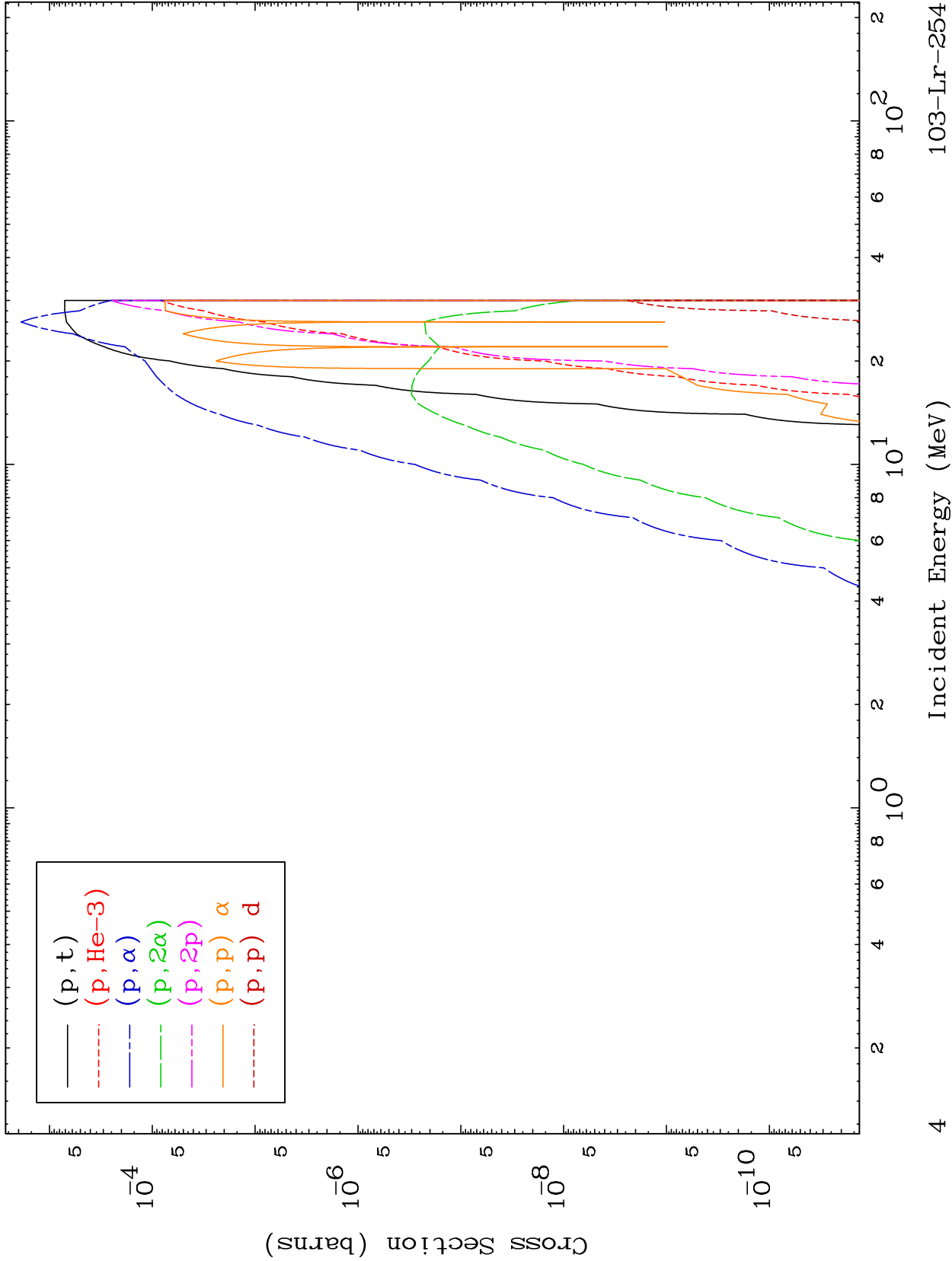
MAT 9983

Proton Neutron Production  
0 Kelvin Cross Sections

103-Lr-254



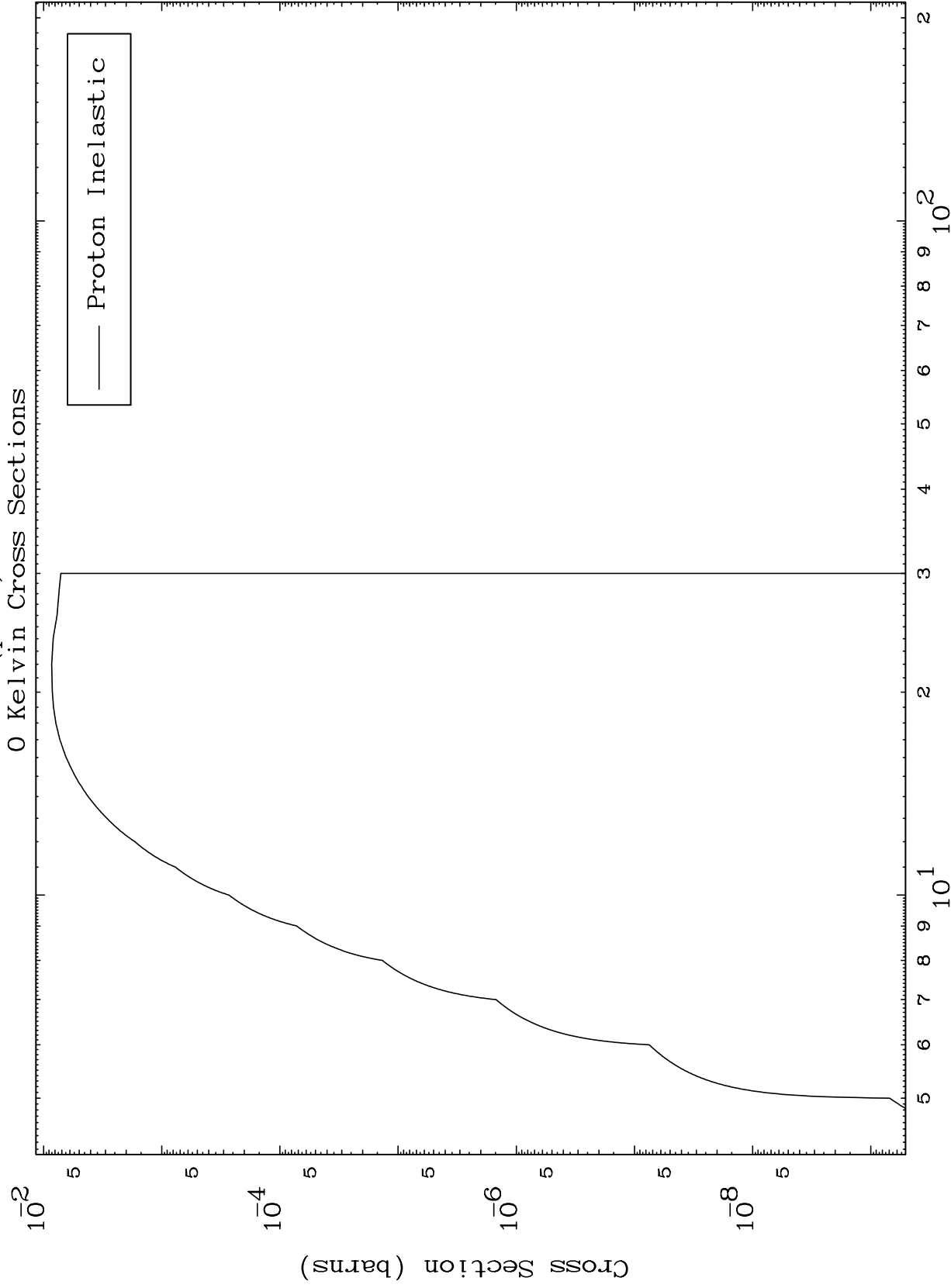




MAT 9983

(p,n') Level

103-Lr-254



5

Incident Energy (MeV)

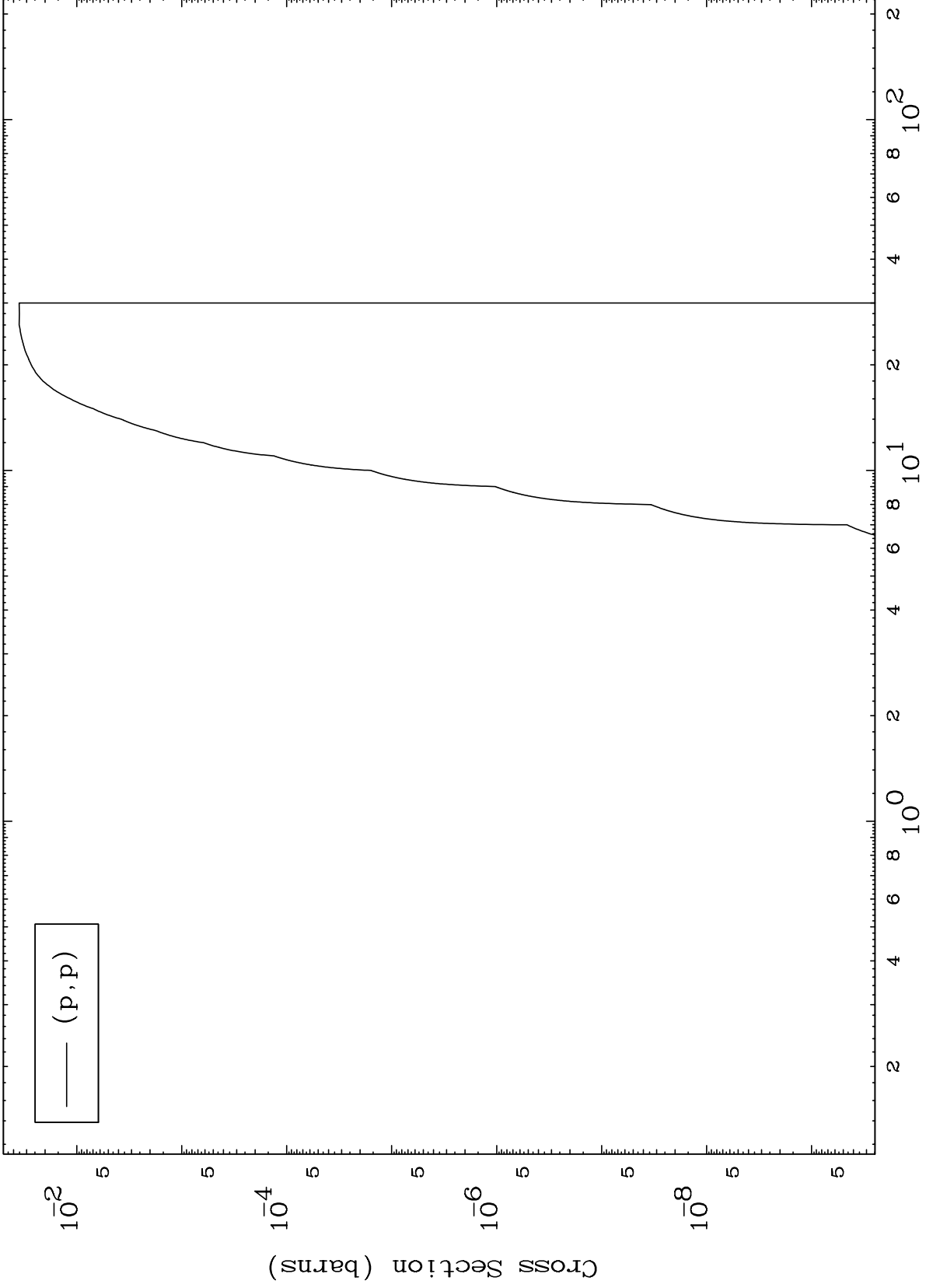
103-Lr-254

MAT 9983

(p,p) Levels

103-Lr-254

0 Kelvin Cross Sections



6

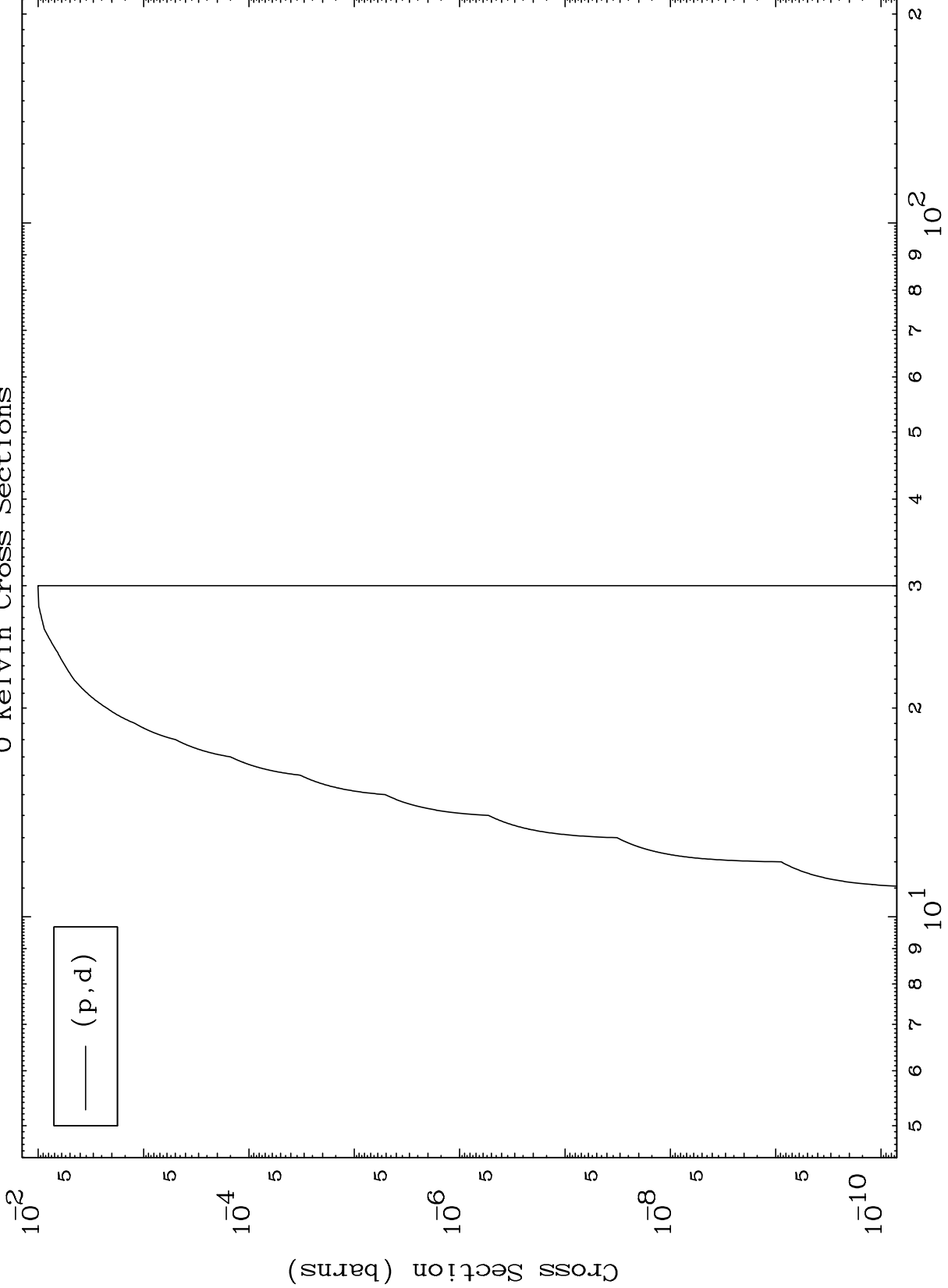
Incident Energy (MeV)

103-Lr-254

MAT 9983

(p,d) Levels  
0 Kelvin Cross Sections

103-Lr-254



(p,d)

Incident Energy (MeV)

103-Lr-254

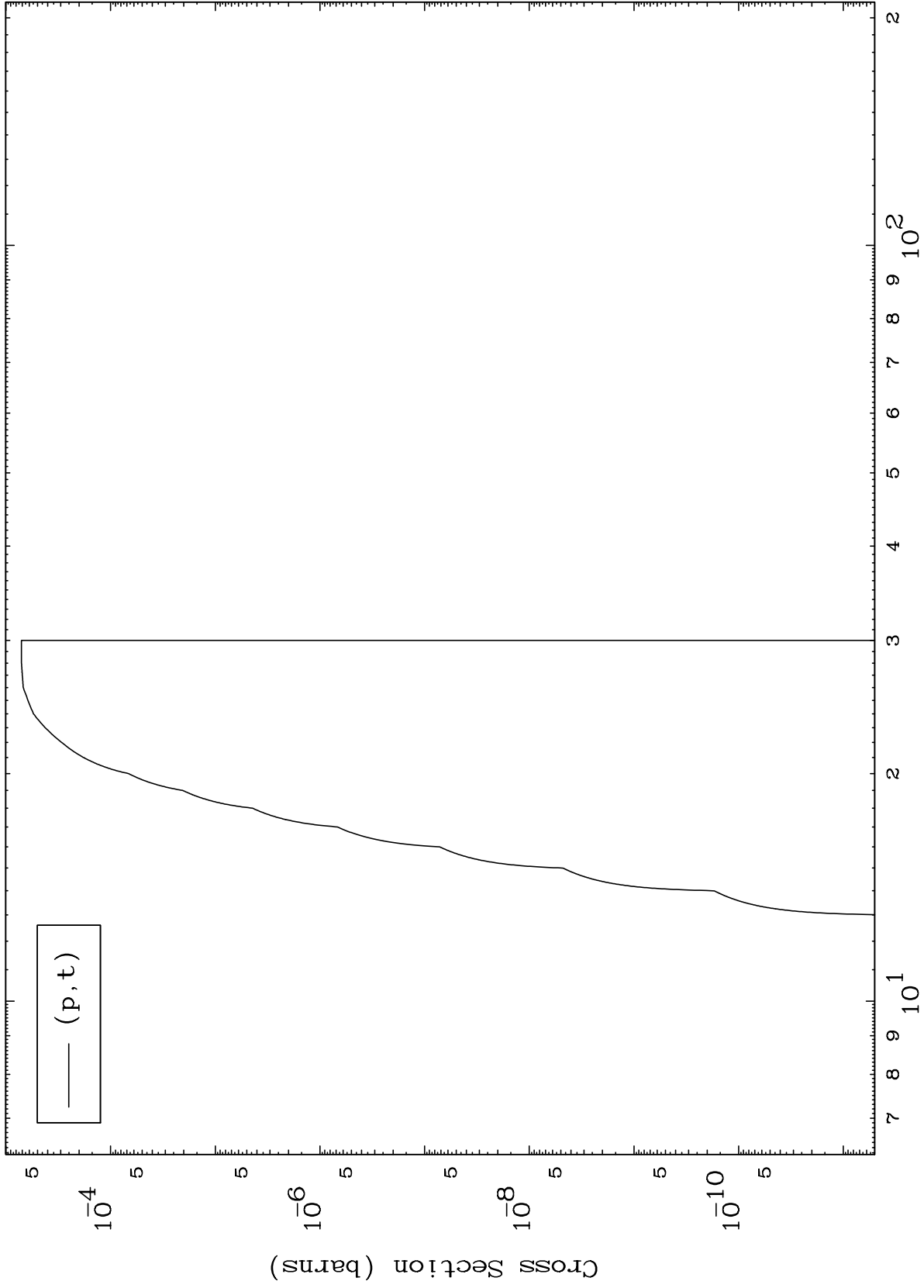
7



MAT 9983

(p, t) Levels  
0 Kelvin Cross Sections

103-Lr-254



8

Incident Energy (MeV)

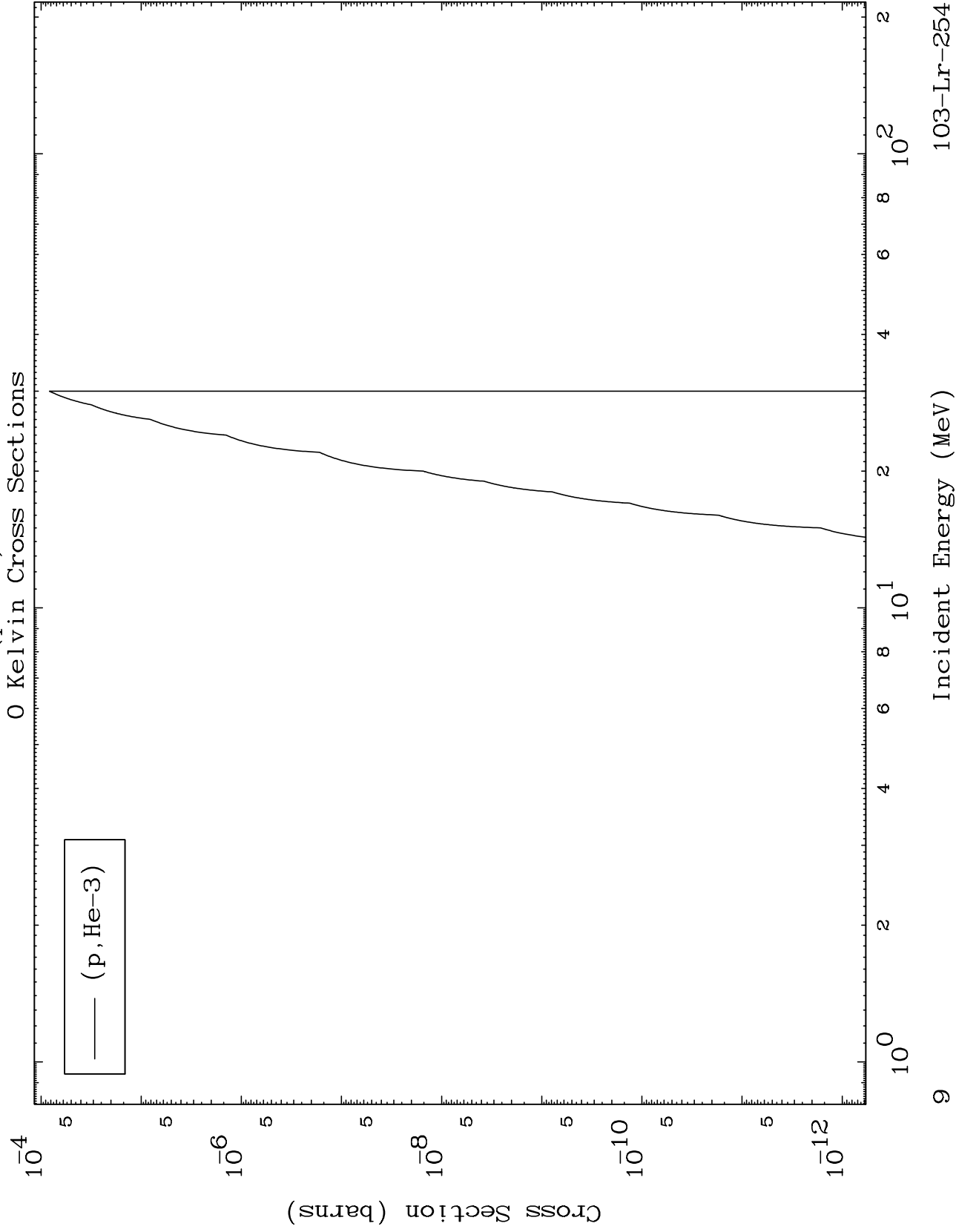
103-Lr-254

MAT 9983

(p,He3) Levels

103-Lr-254

0 Kelvin Cross Sections



9

Incident Energy (MeV)

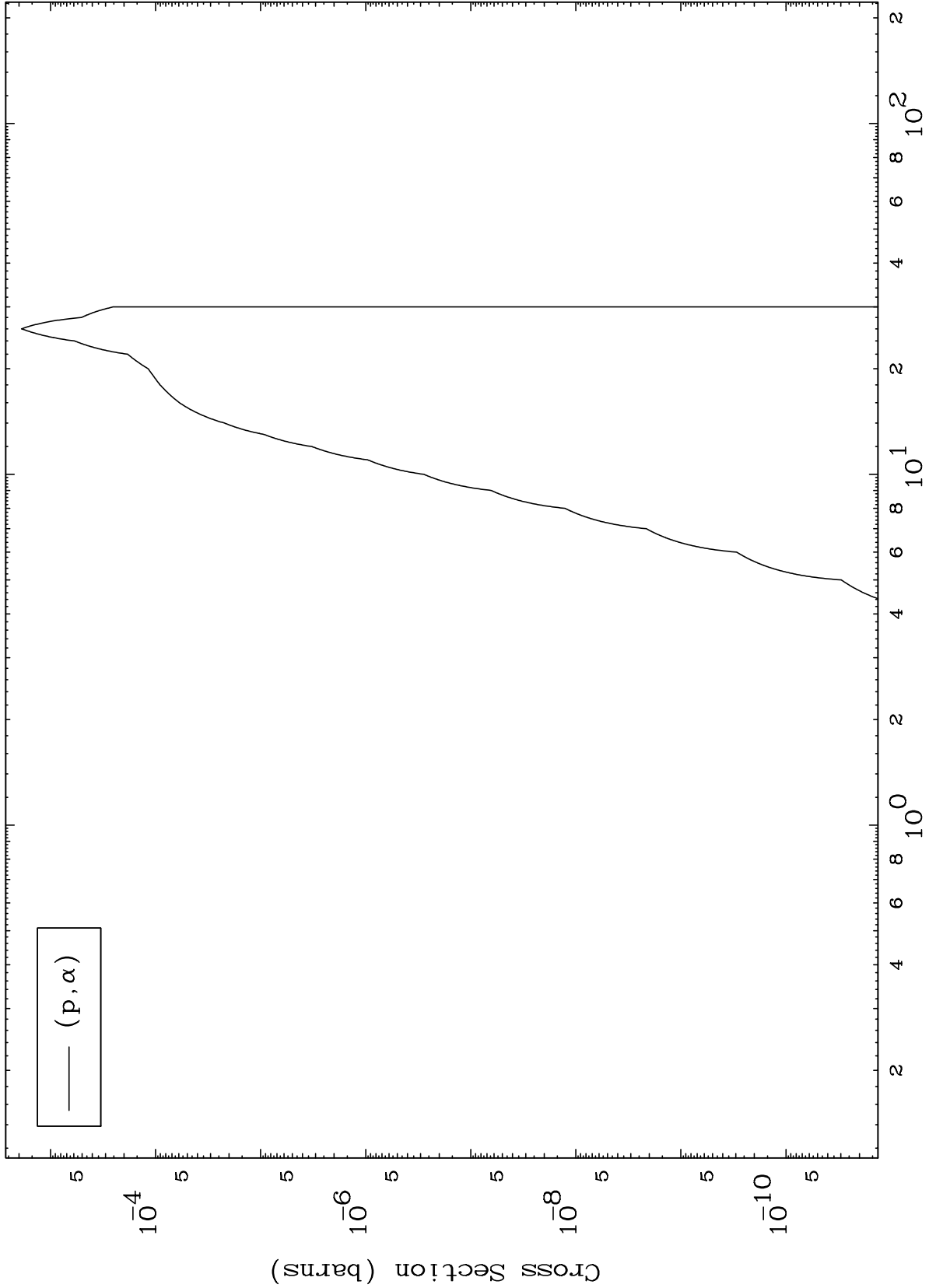
103-Lr-254

MAT 9983

(p,  $\alpha$ ) Levels

103-Lr-254

0 Kelvin Cross Sections



10

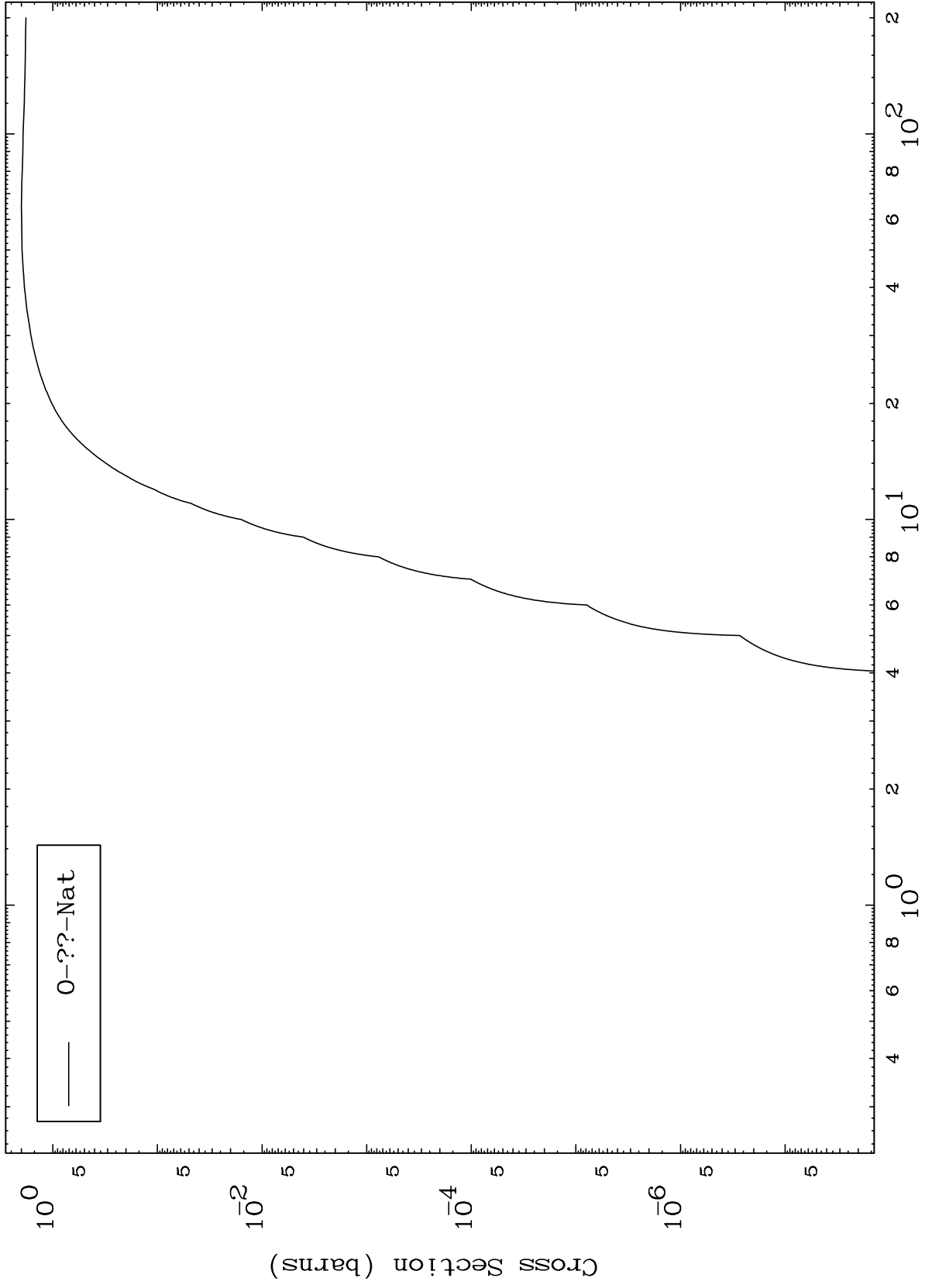
Incident Energy (MeV)

103-Lr-254

MAT 9983

103-Lr-254

Proton Fission  
Radionuclide Production Cross Section



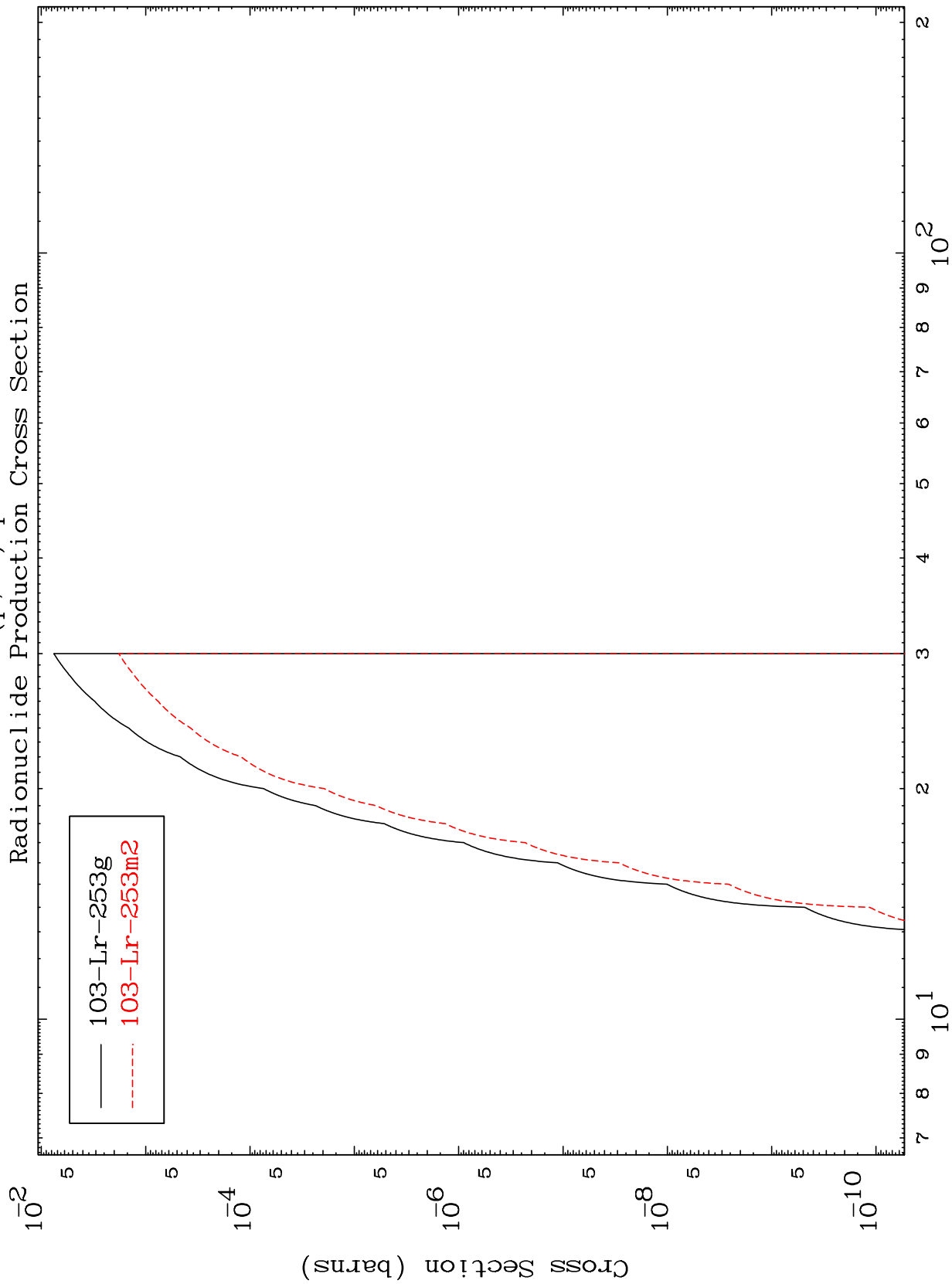
103-Lr-254

Incident Energy (MeV)

MAT 9983

103-Lr-254

(p,n') p  
Radionuclide Production Cross Section



— 103-Lr-253g  
- - - 103-Lr-253m2

103-Lr-254

Incident Energy (MeV)

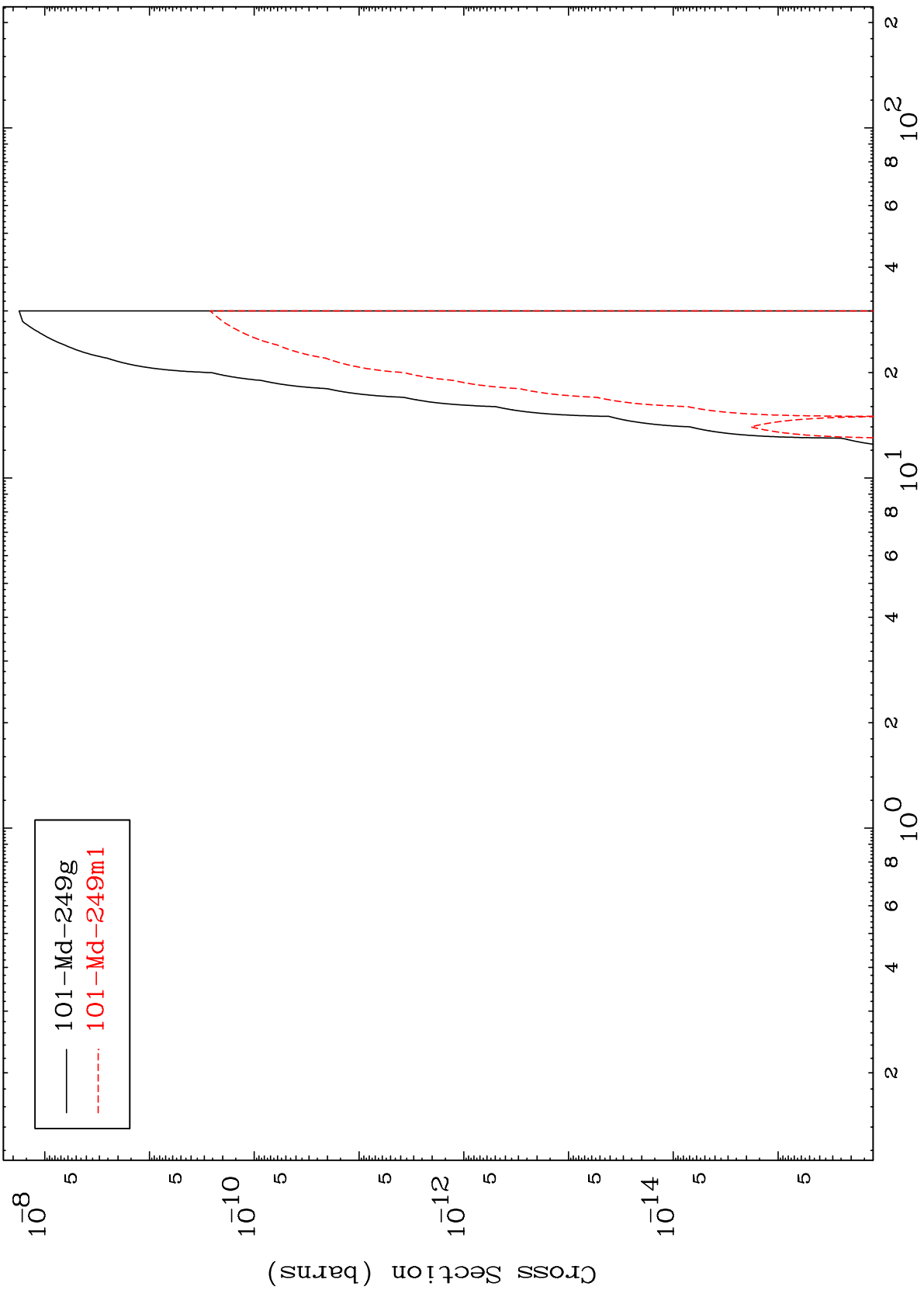
12

MAT 9983

(p,n') p  $\alpha$

103-Lr-254

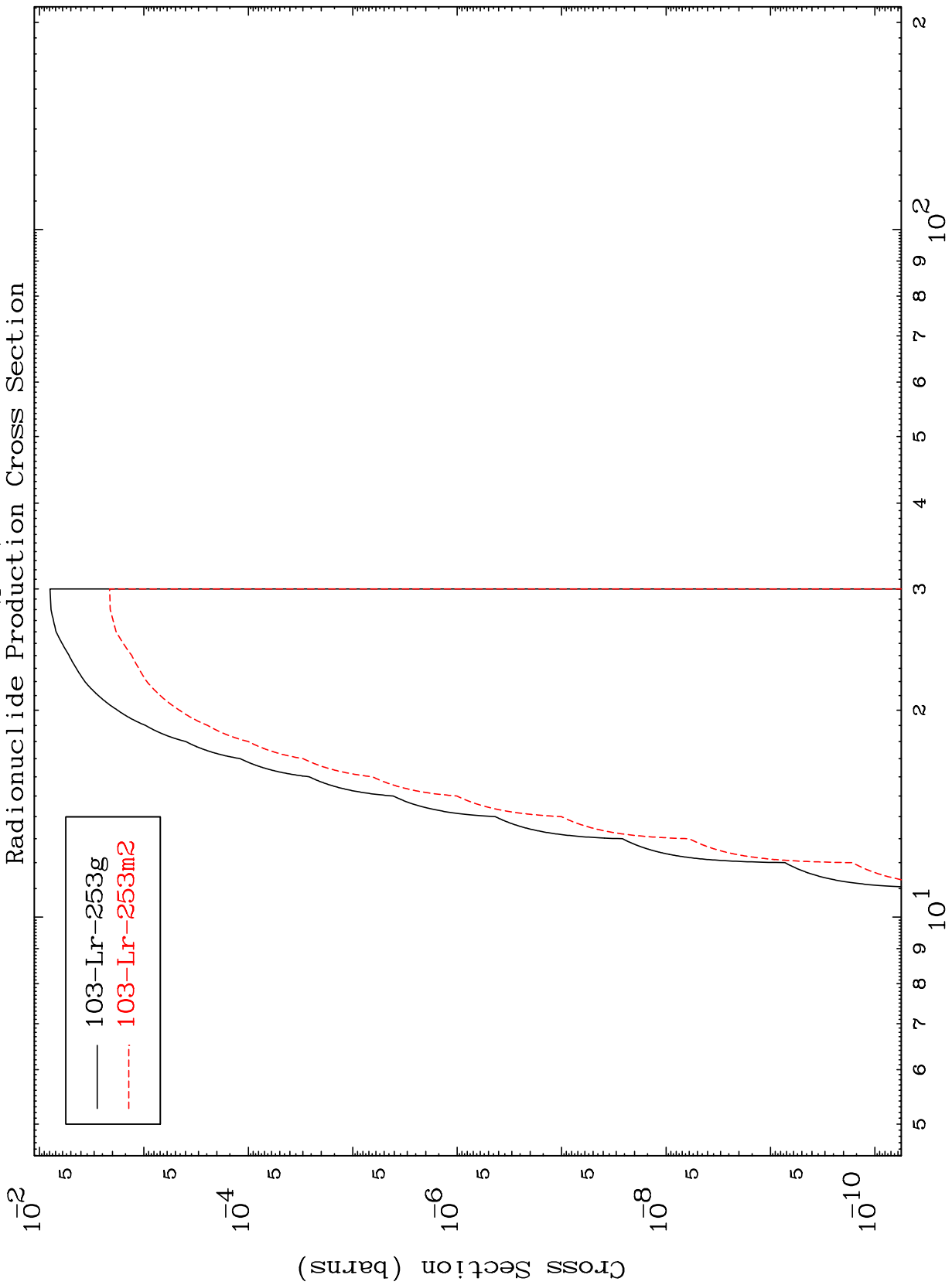
Radionuclide Production Cross Section



MAT 9983

103-Lr-254

(p,d)  
Radionuclide Production Cross Section



103-Lr-254

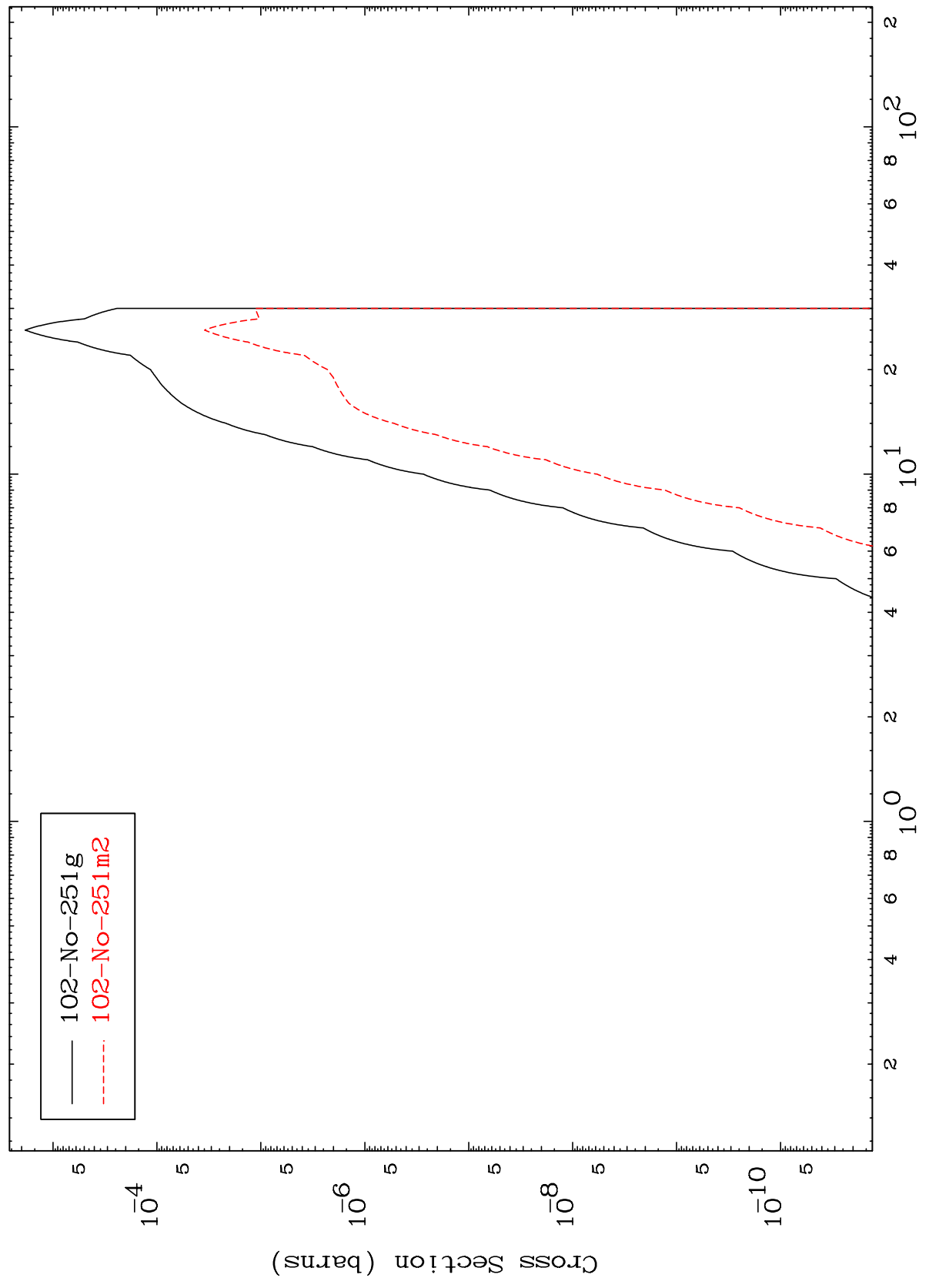
Incident Energy (MeV)

14

MAT 9983

103-Lr-254

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



15

103-Lr-254

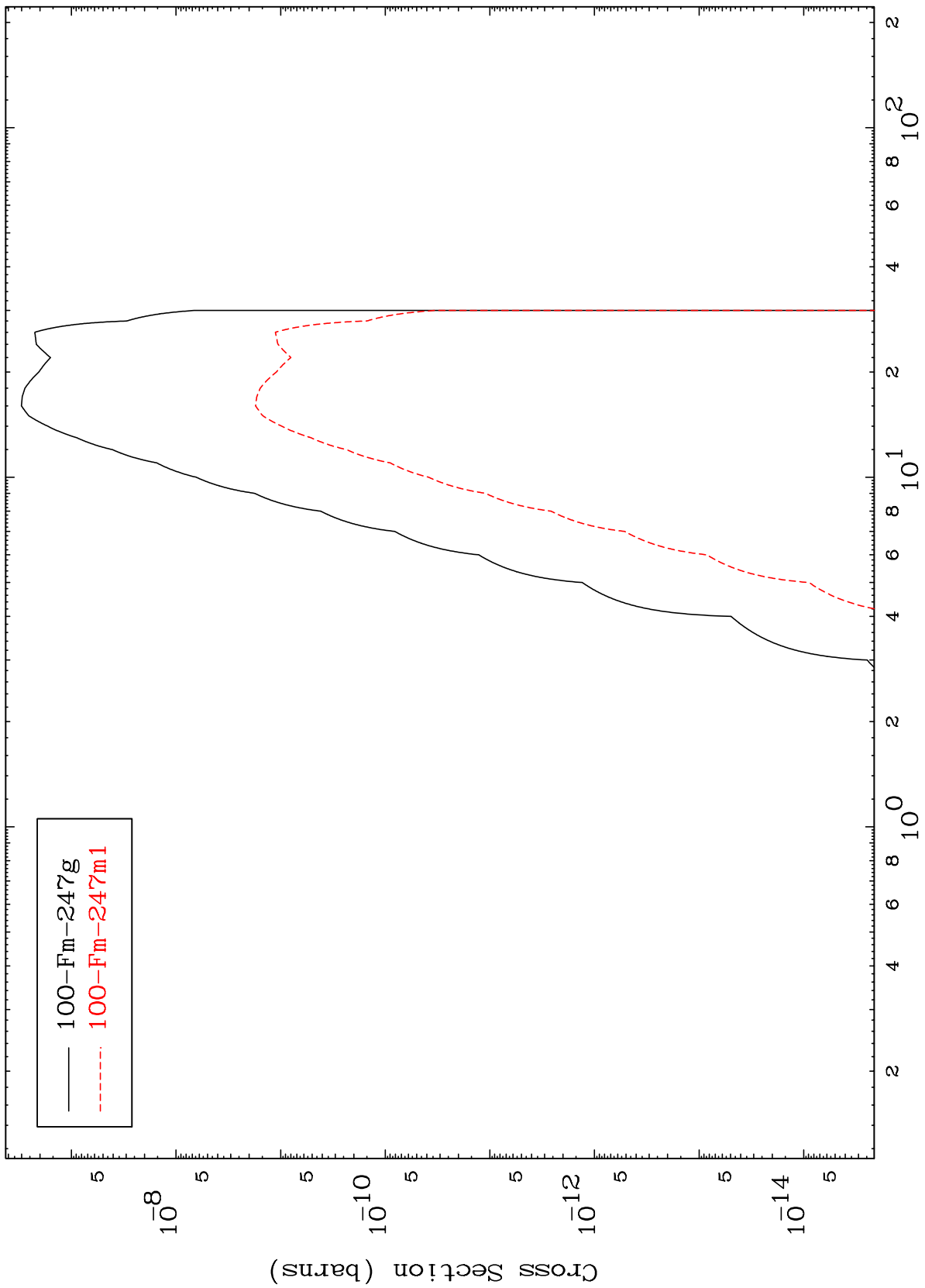
Incident Energy (MeV)



MAT 9983

103-Lr-254

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



MAT 9983

(p,d)  $\alpha$

103-Lr-254

Radionuclide Production Cross Section

