

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

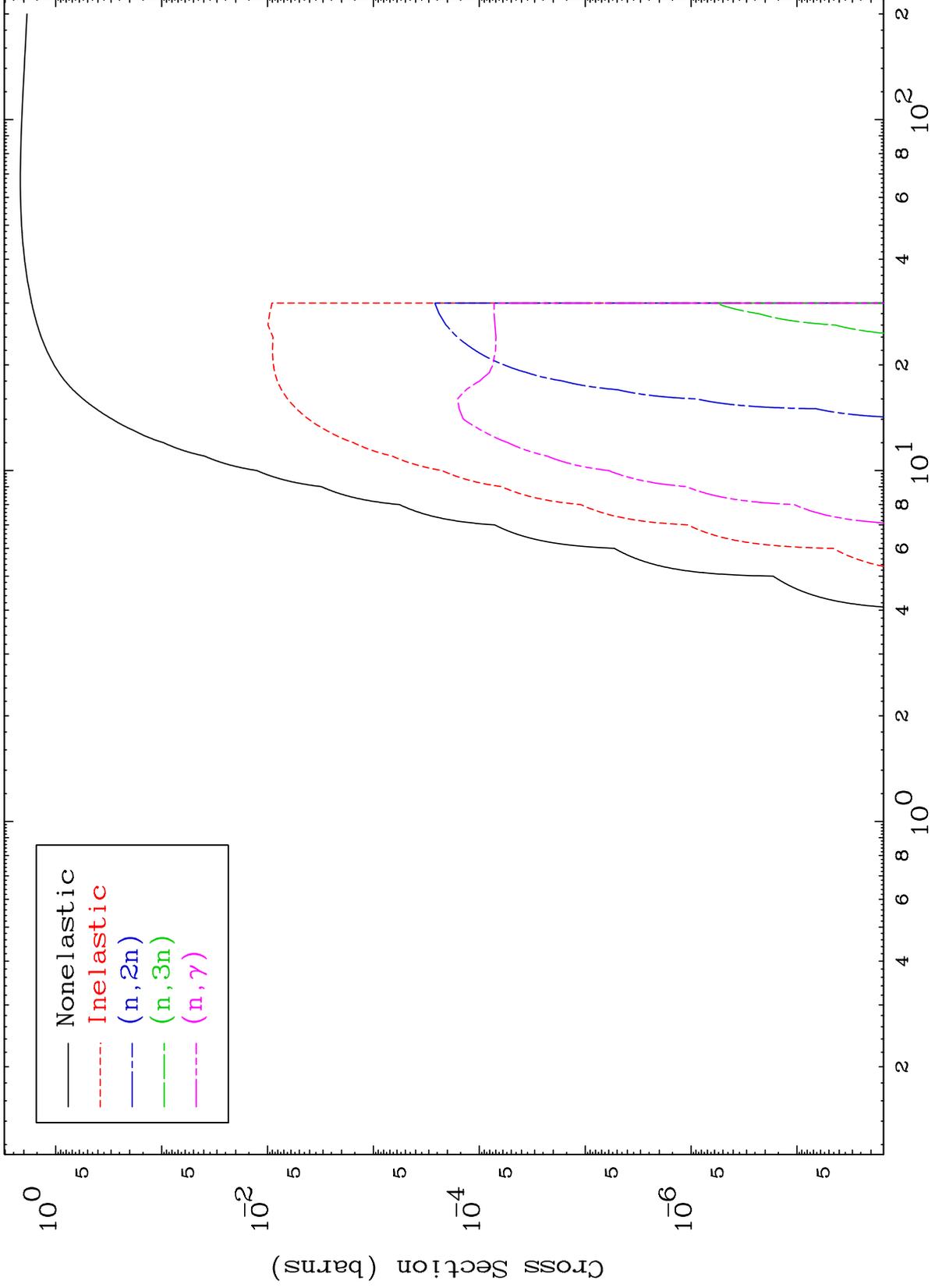
Web:redcullen1.net/HOMEPAGE.NEW

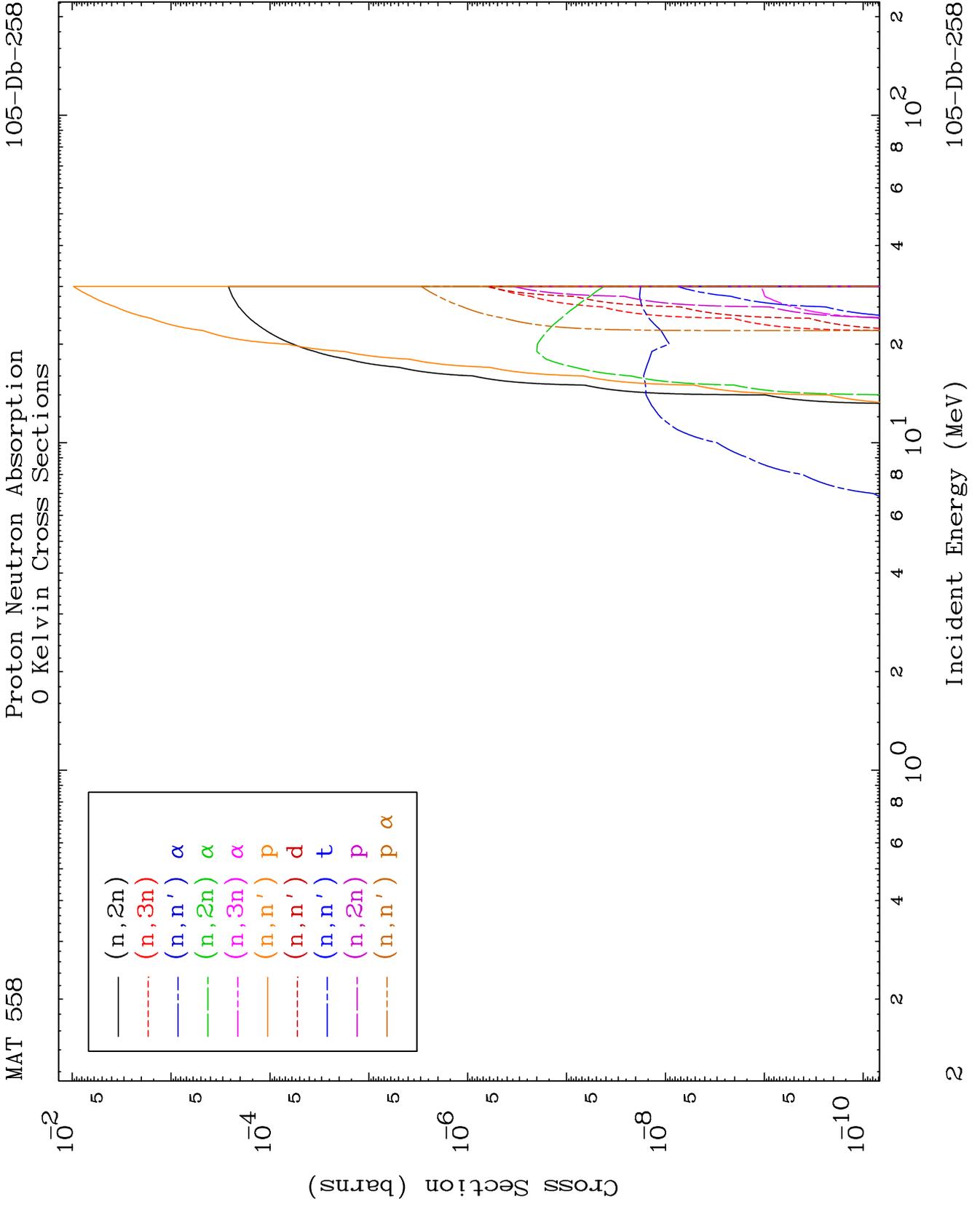
Press Mouse Button to Start

MAT 558

Proton Major  
0 Kelvin Cross Sections

105-Db-258

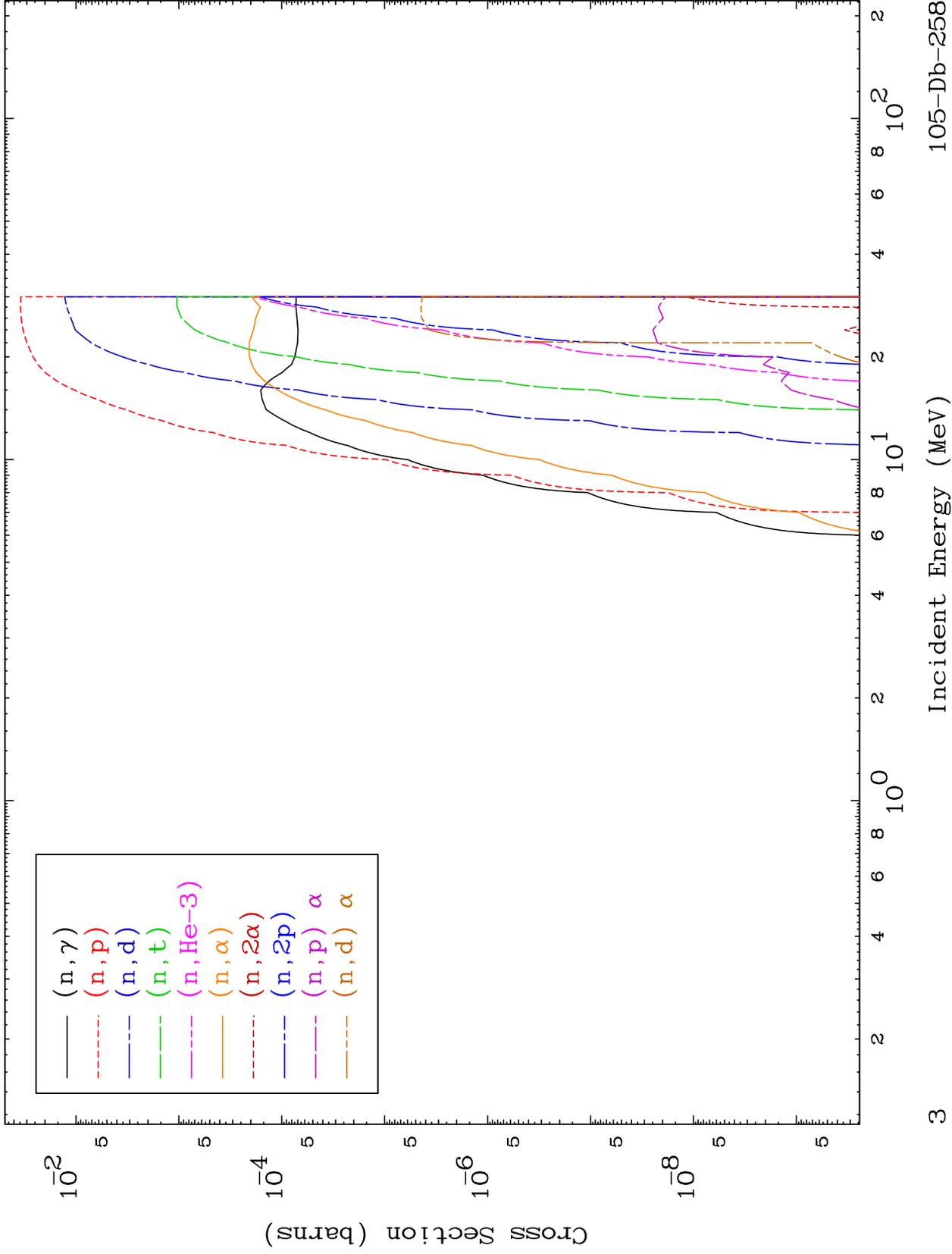




MAT 558

Proton Neutron Absorption  
0 Kelvin Cross Sections

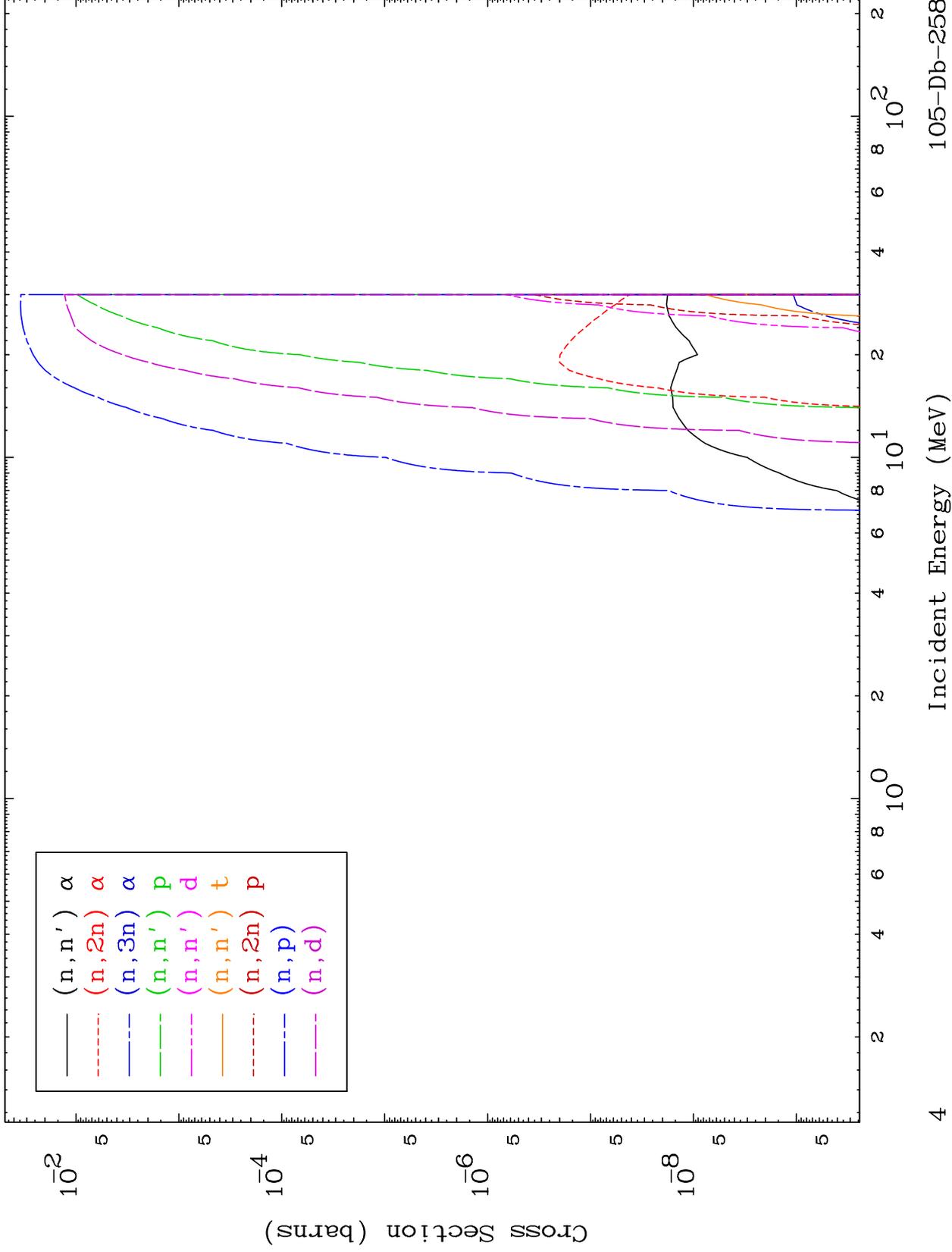
105-Db-258

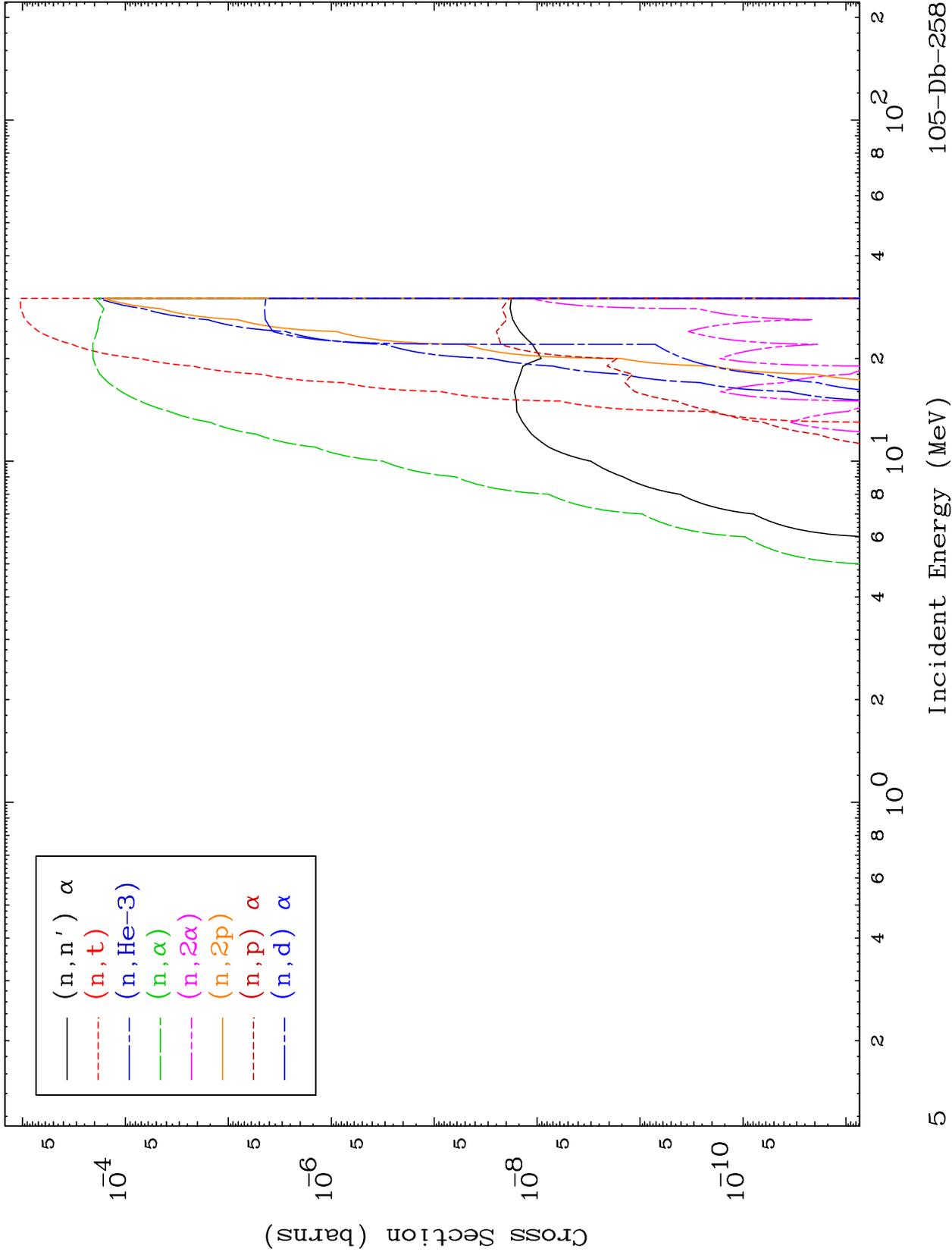


MAT 558

Proton Charged Particle  
0 Kelvin Cross Sections

105-Db-258

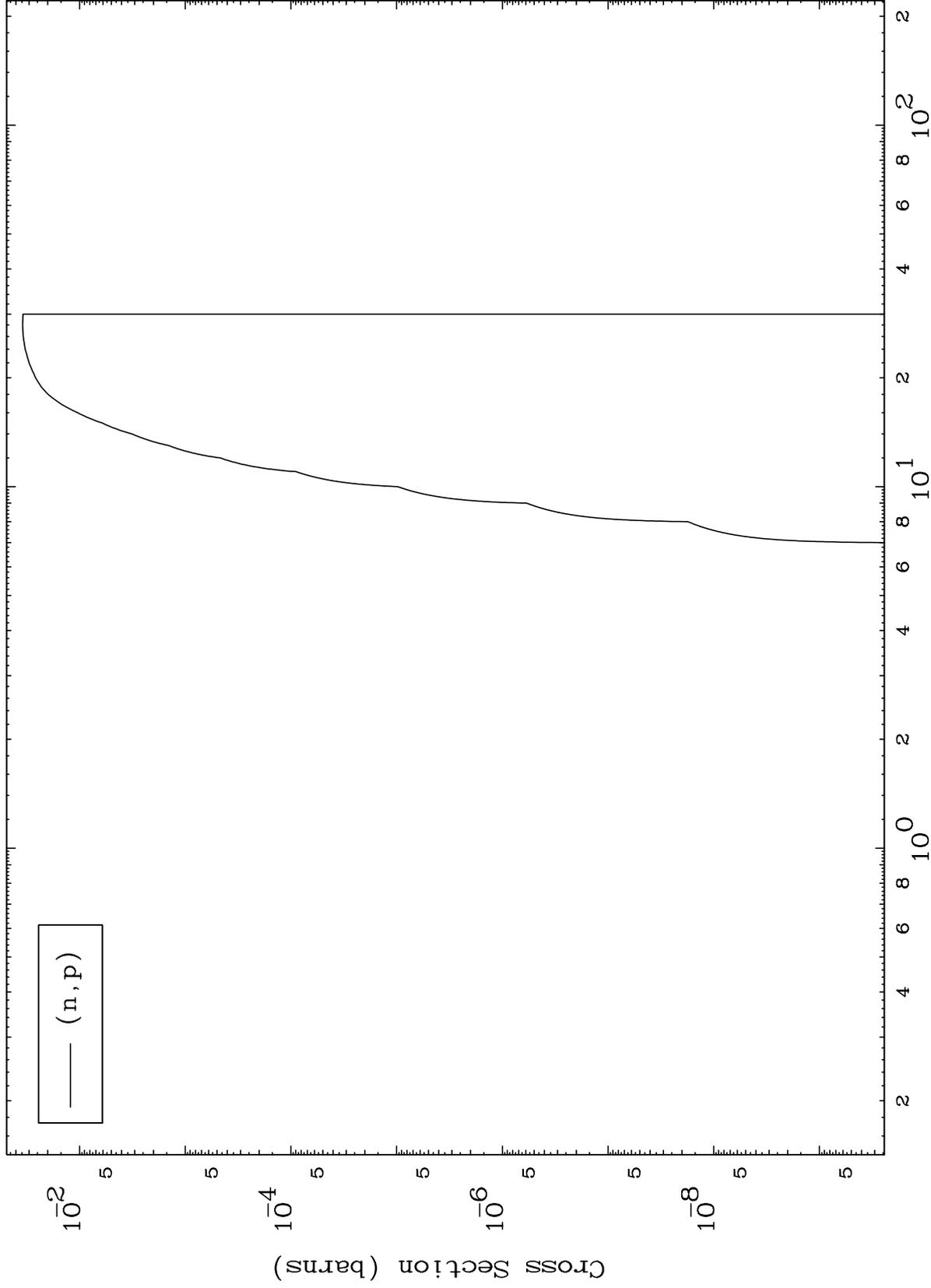




MAT 558

(p,p) Levels  
0 Kelvin Cross Sections

105-Db-258



6

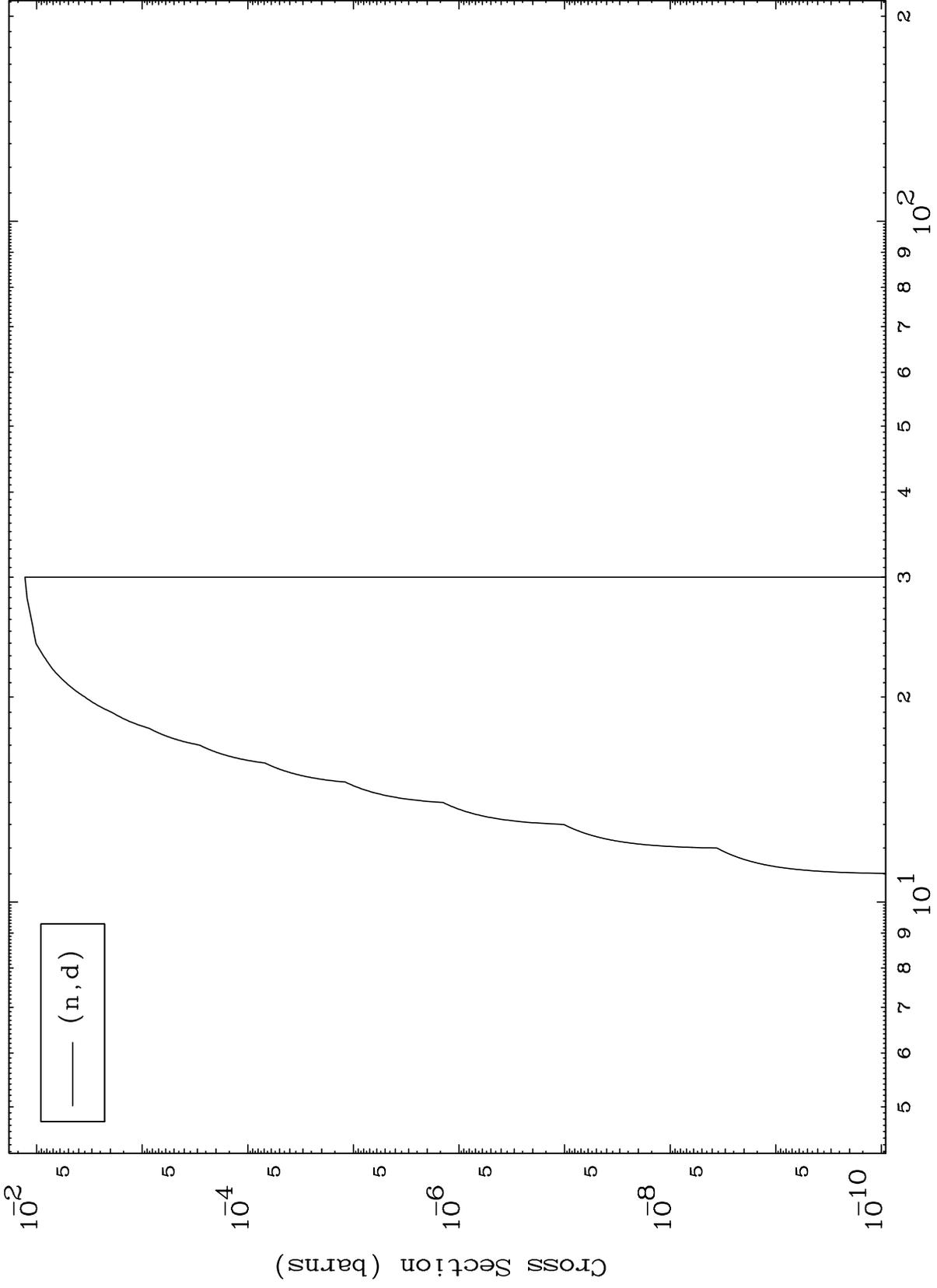
Incident Energy (MeV)

105-Db-258

MAT 558

105-Db-258

(p,d) Levels  
0 Kelvin Cross Sections



7

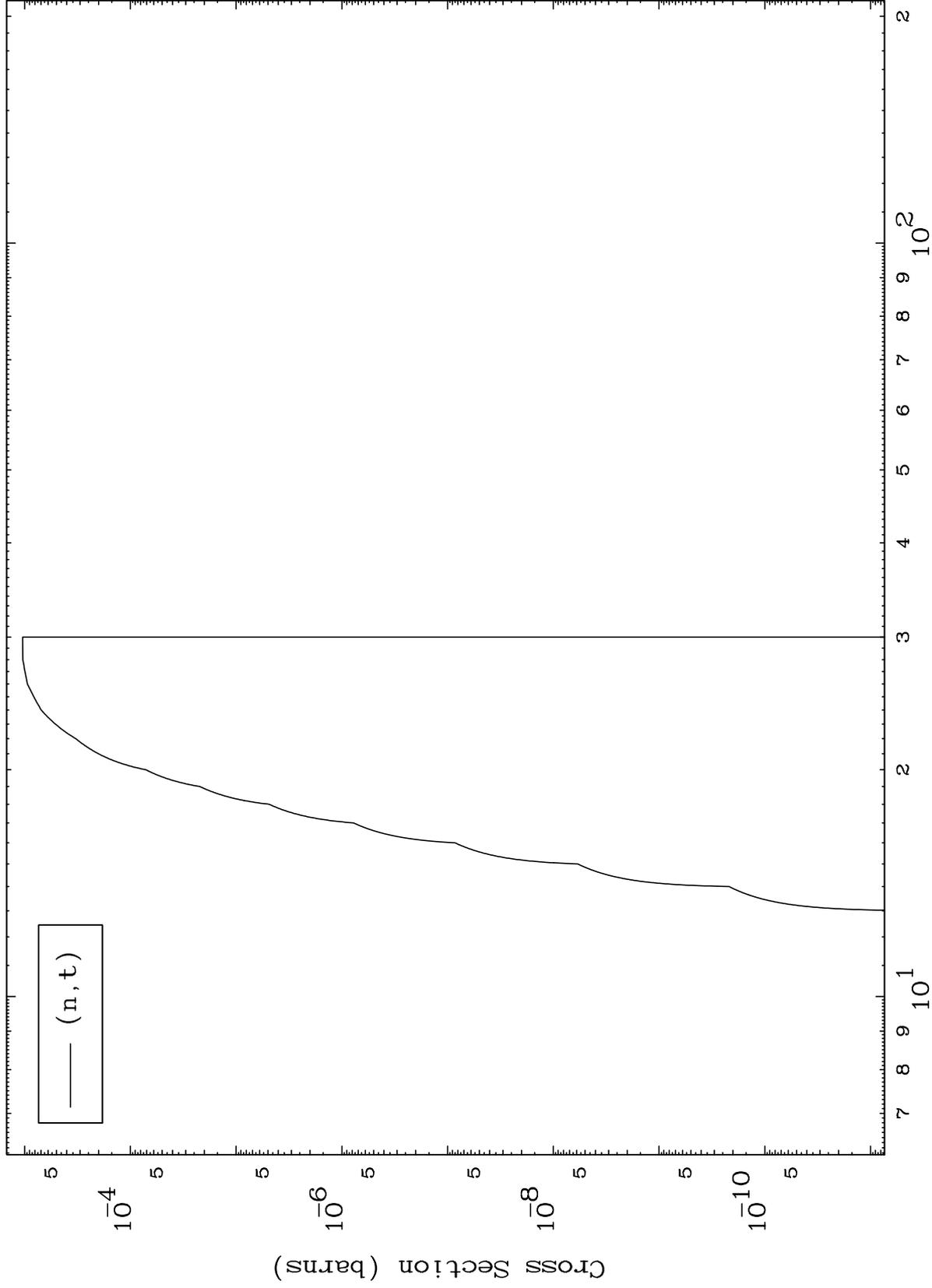
Incident Energy (MeV)

105-Db-258

MAT 558

105-Db-258

(p,t) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

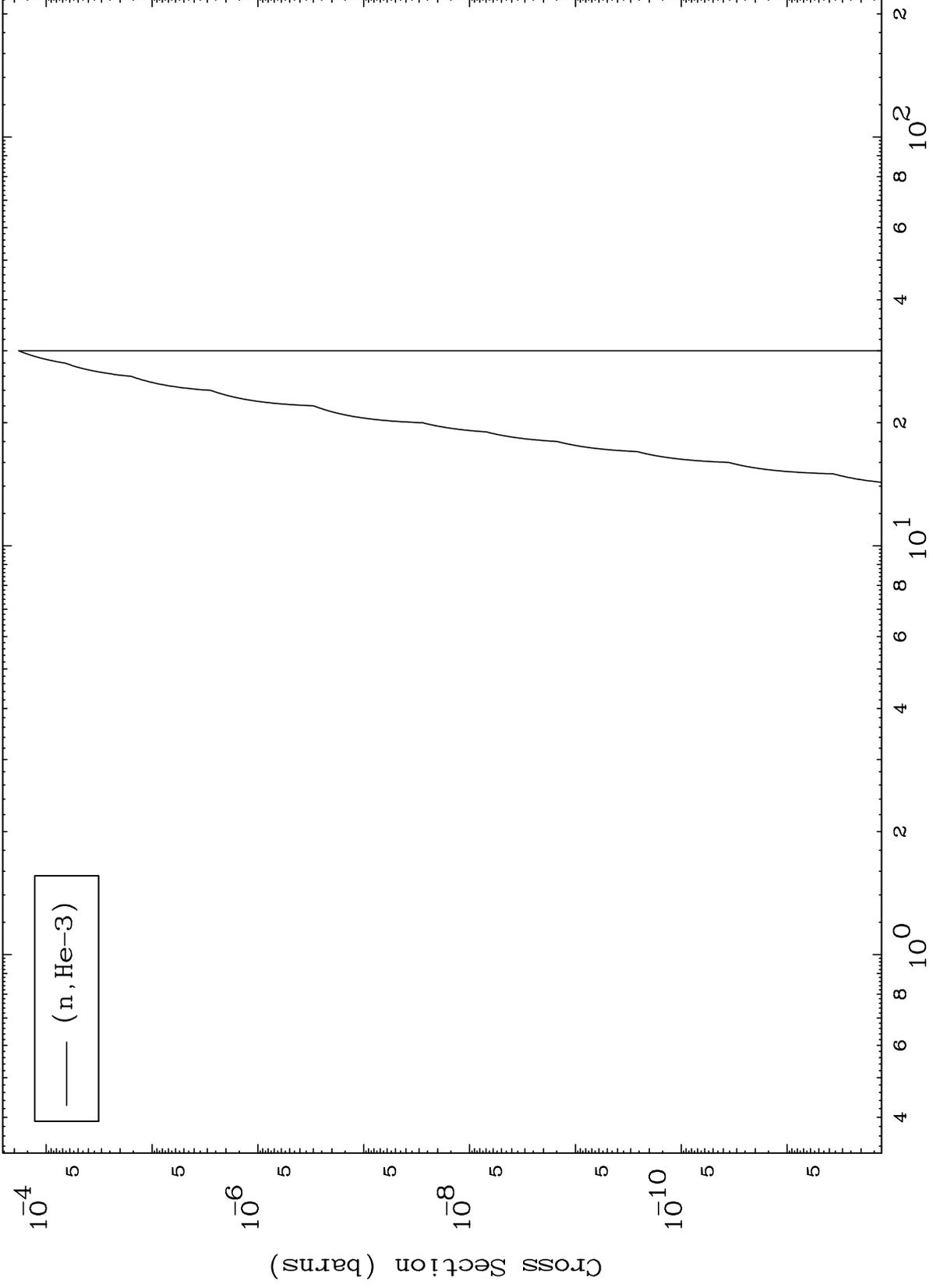
105-Db-258

MAT 558

(p,He3) Levels

105-Db-258

0 Kelvin Cross Sections



9

Incident Energy (MeV)

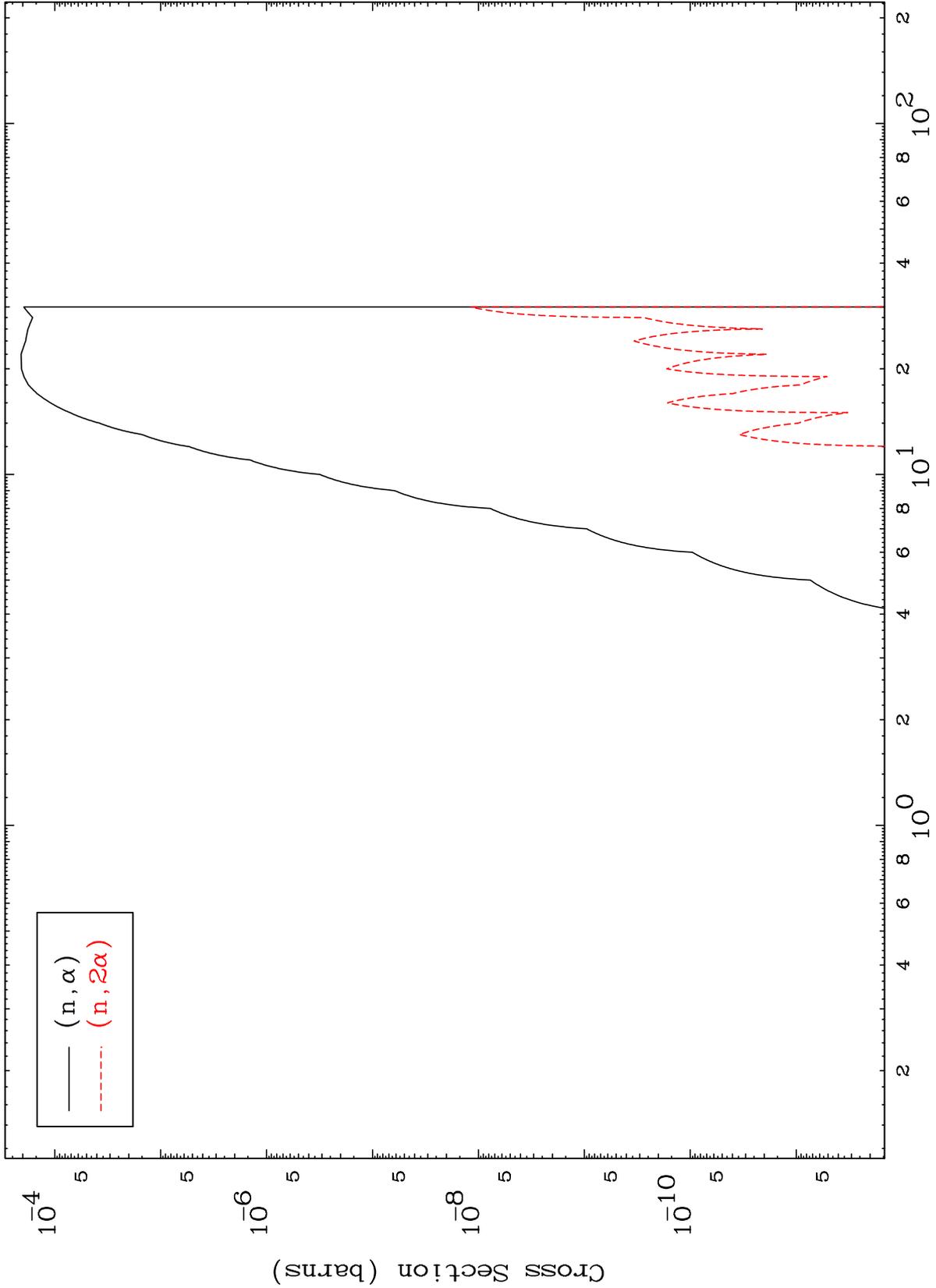
105-Db-258

MAT 558

(p,  $\alpha$ ) Levels

105-Db-258

0 Kelvin Cross Sections



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

10

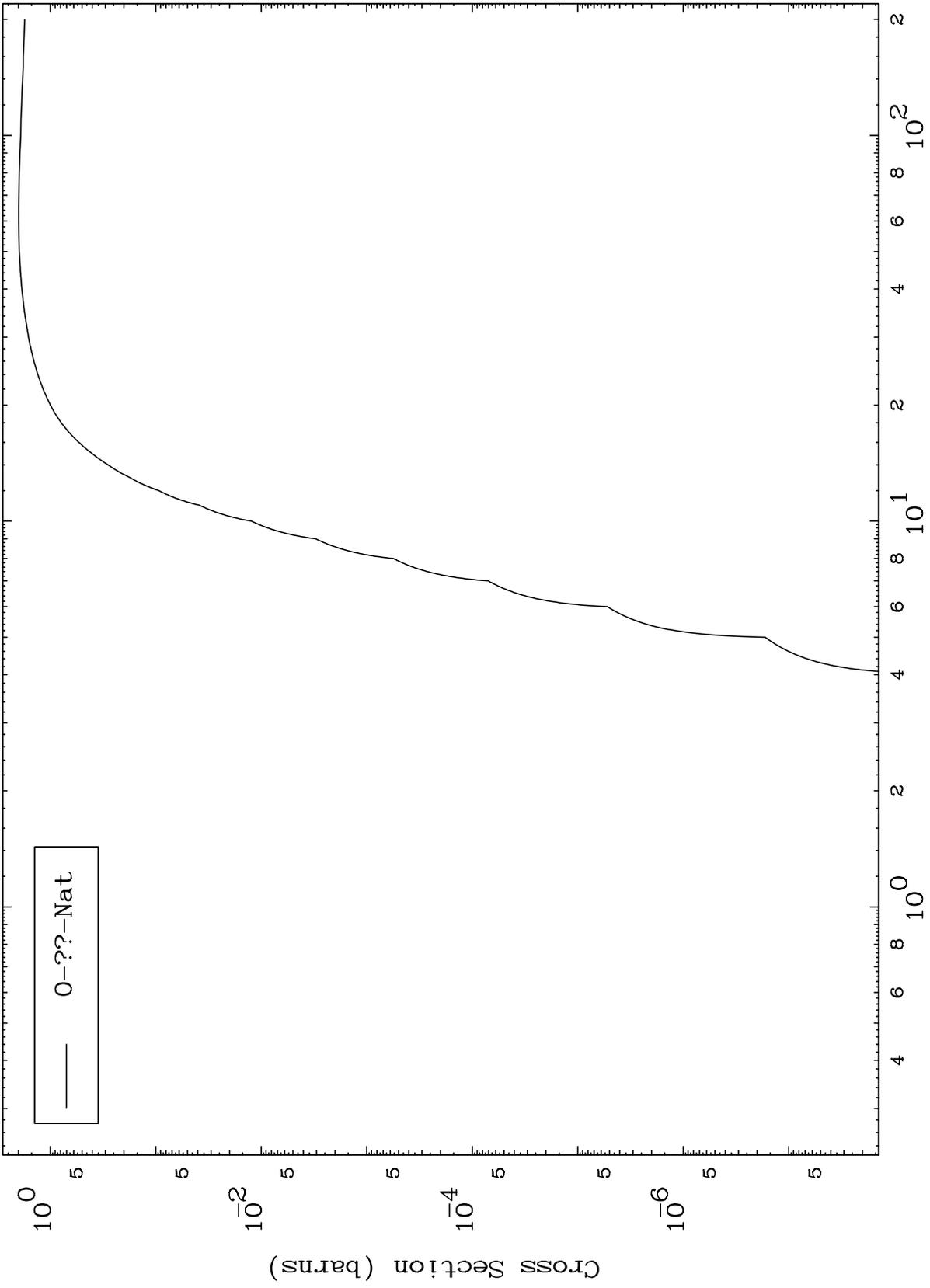
Incident Energy (MeV)

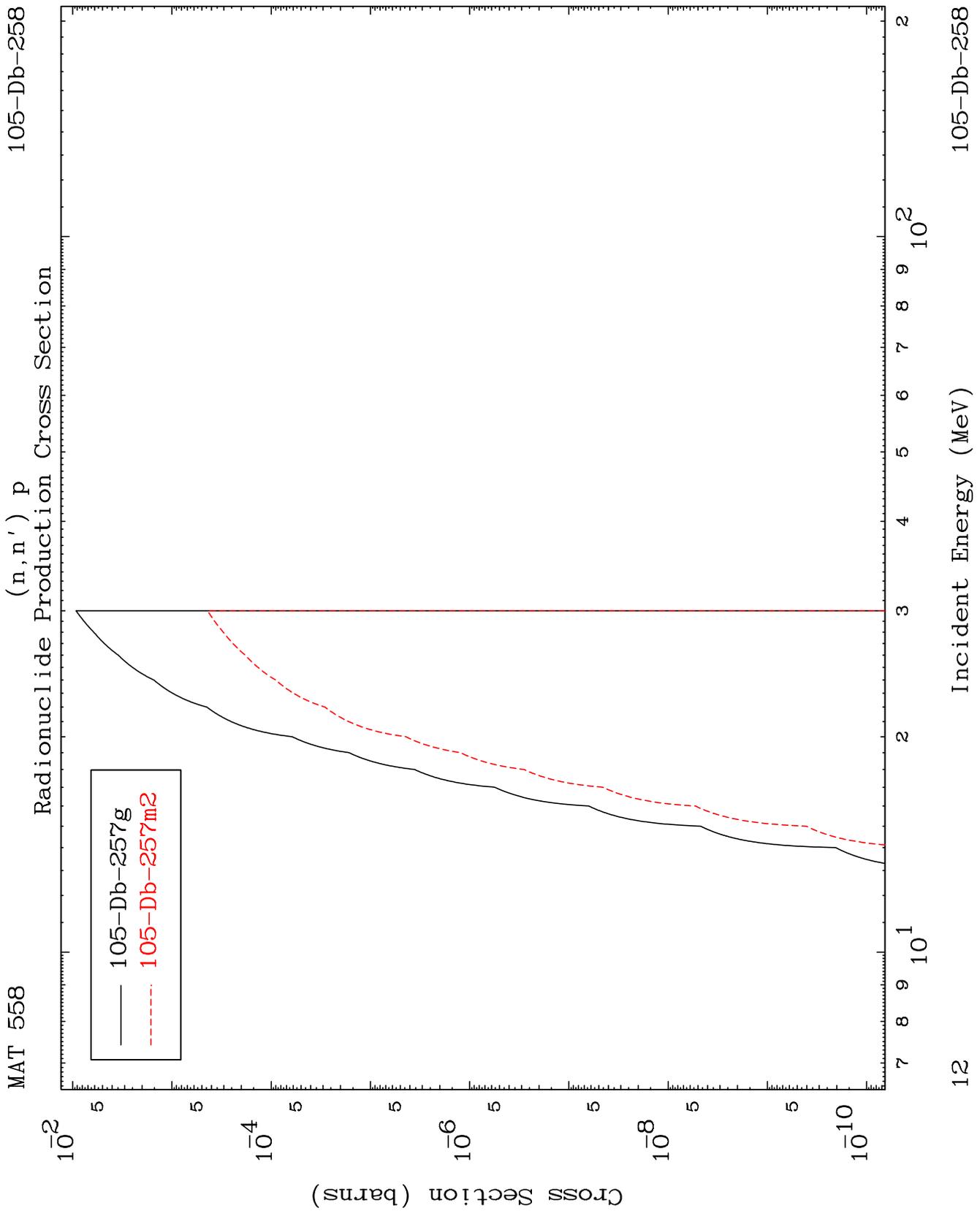
105-Db-258

MAT 558

105-Db-258

Fission  
Radionuclide Production Cross Section



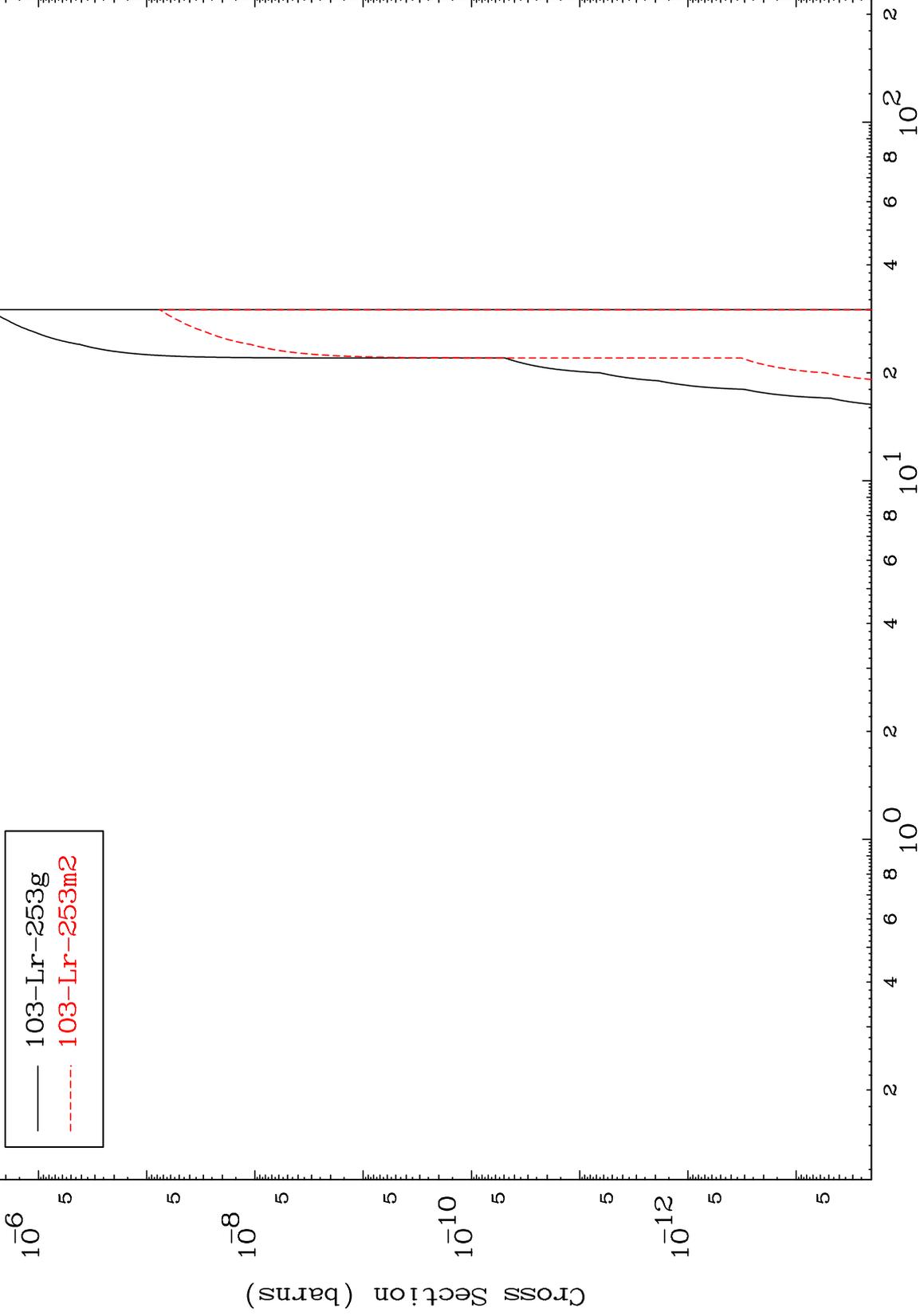


MAT 558

(n,n') p  $\alpha$

105-Db-258

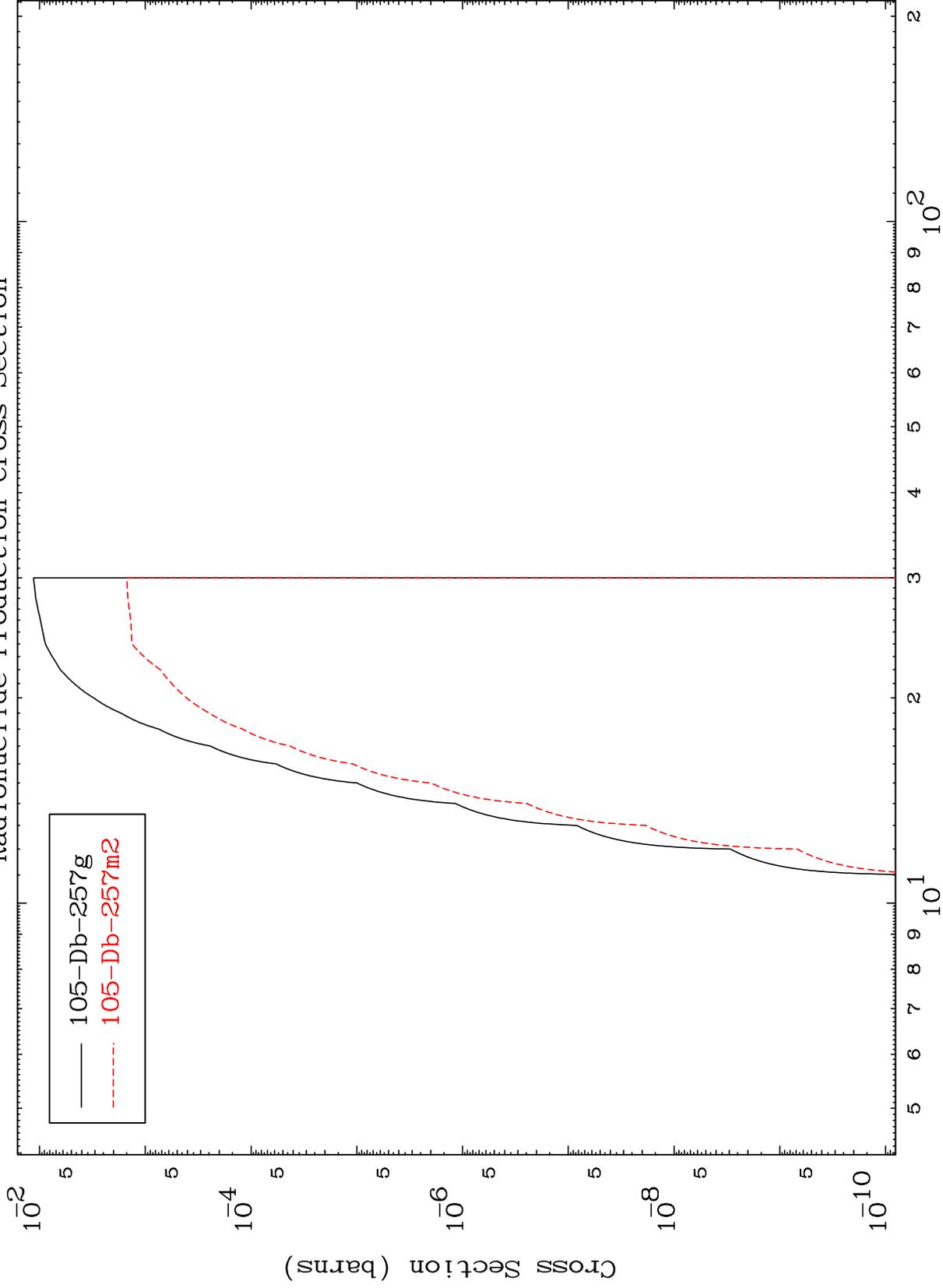
Radionuclide Production Cross Section



MAT 558

105-Db-258

(n,d)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

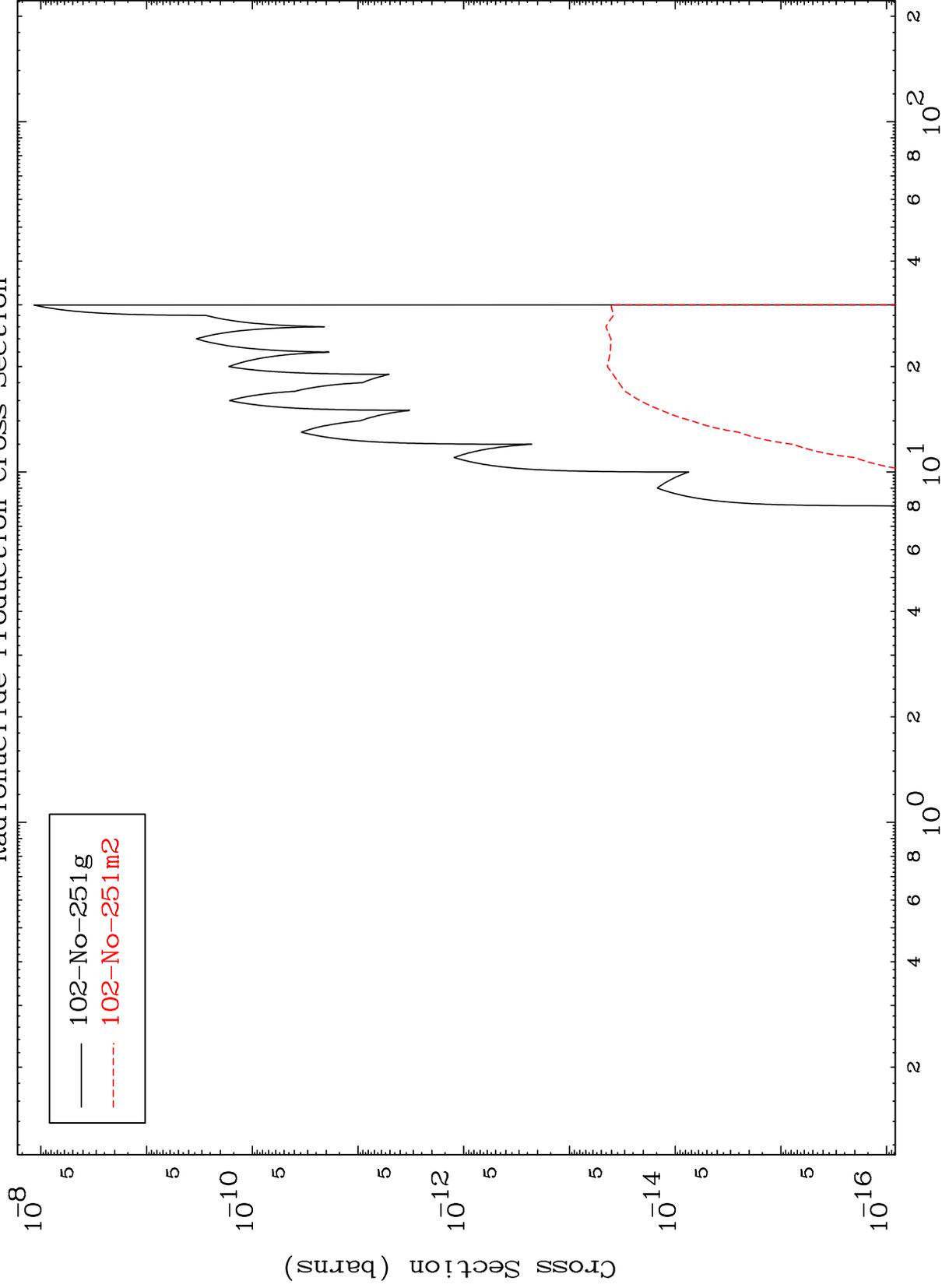
105-Db-258

MAT 558

(n,2 $\alpha$ )

105-Db-258

Radionuclide Production Cross Section



15

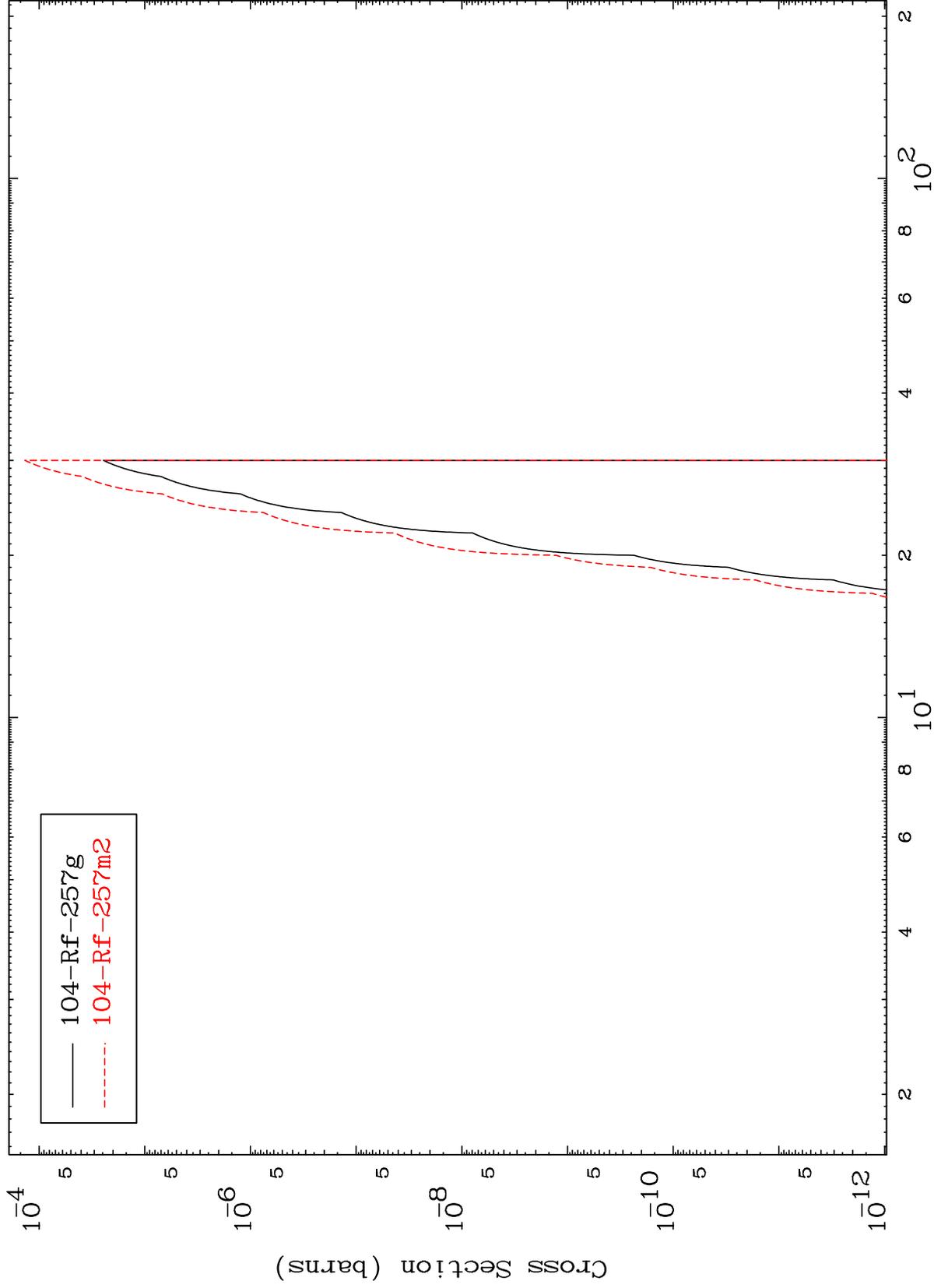
Incident Energy (MeV)

105-Db-258

MAT 558

105-Db-258

(n,2p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

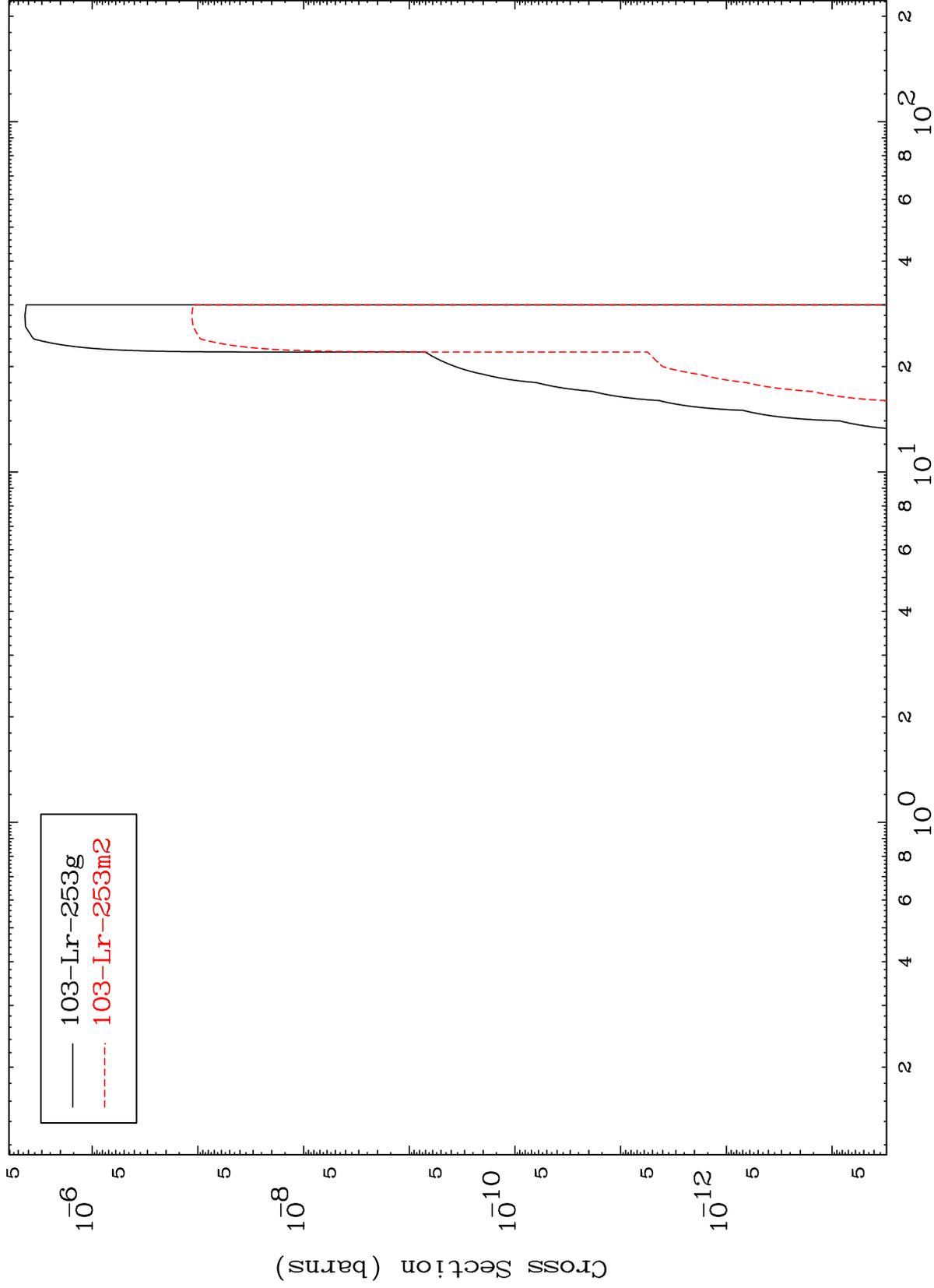
105-Db-258

MAT 558

(n,d)  $\alpha$

105-Db-258

Radionuclide Production Cross Section



17

Incident Energy (MeV)

105-Db-258