

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

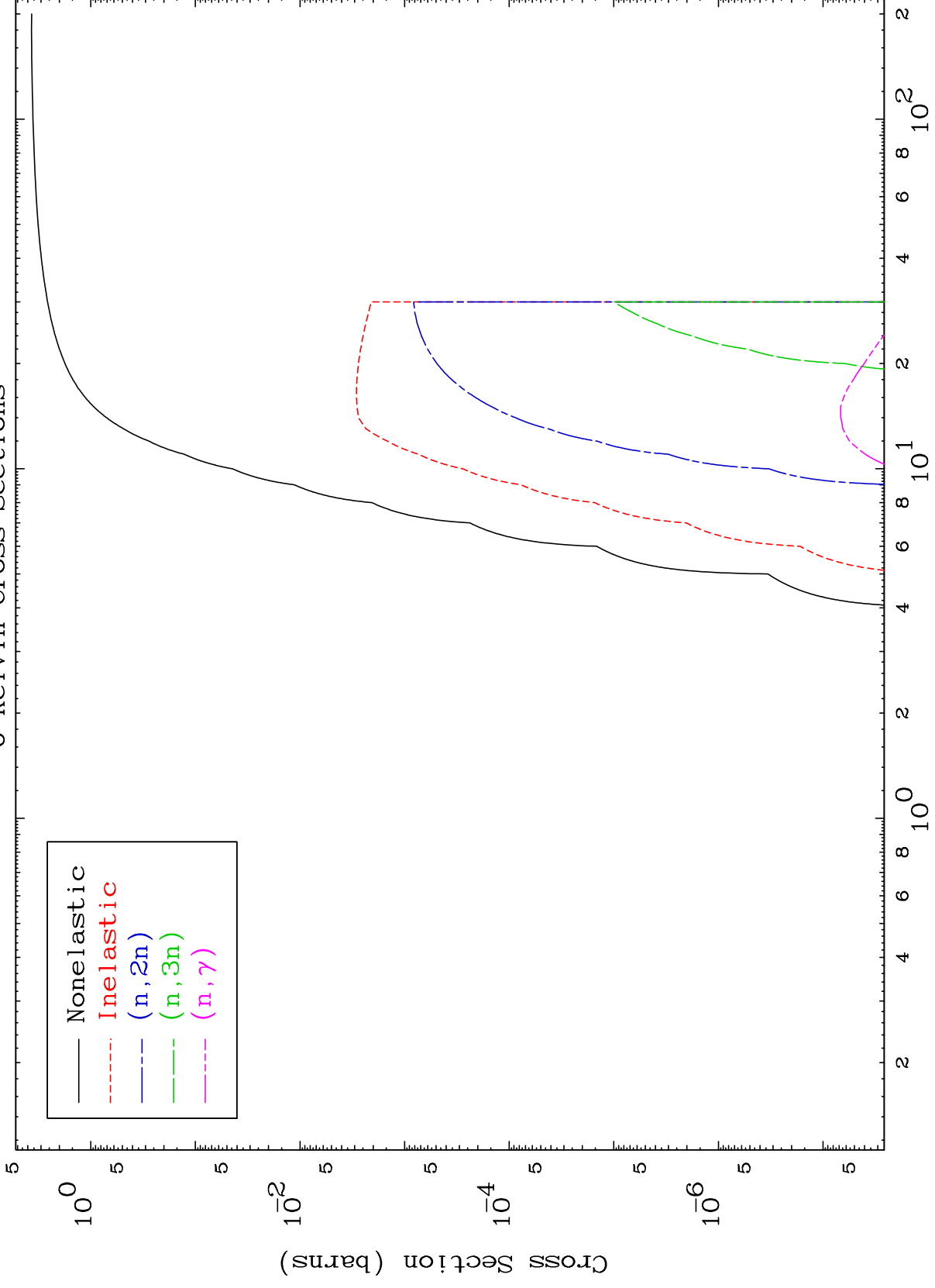
Press Mouse Button to Start

MAT 457

Deuteron Major

104-Rf-257m

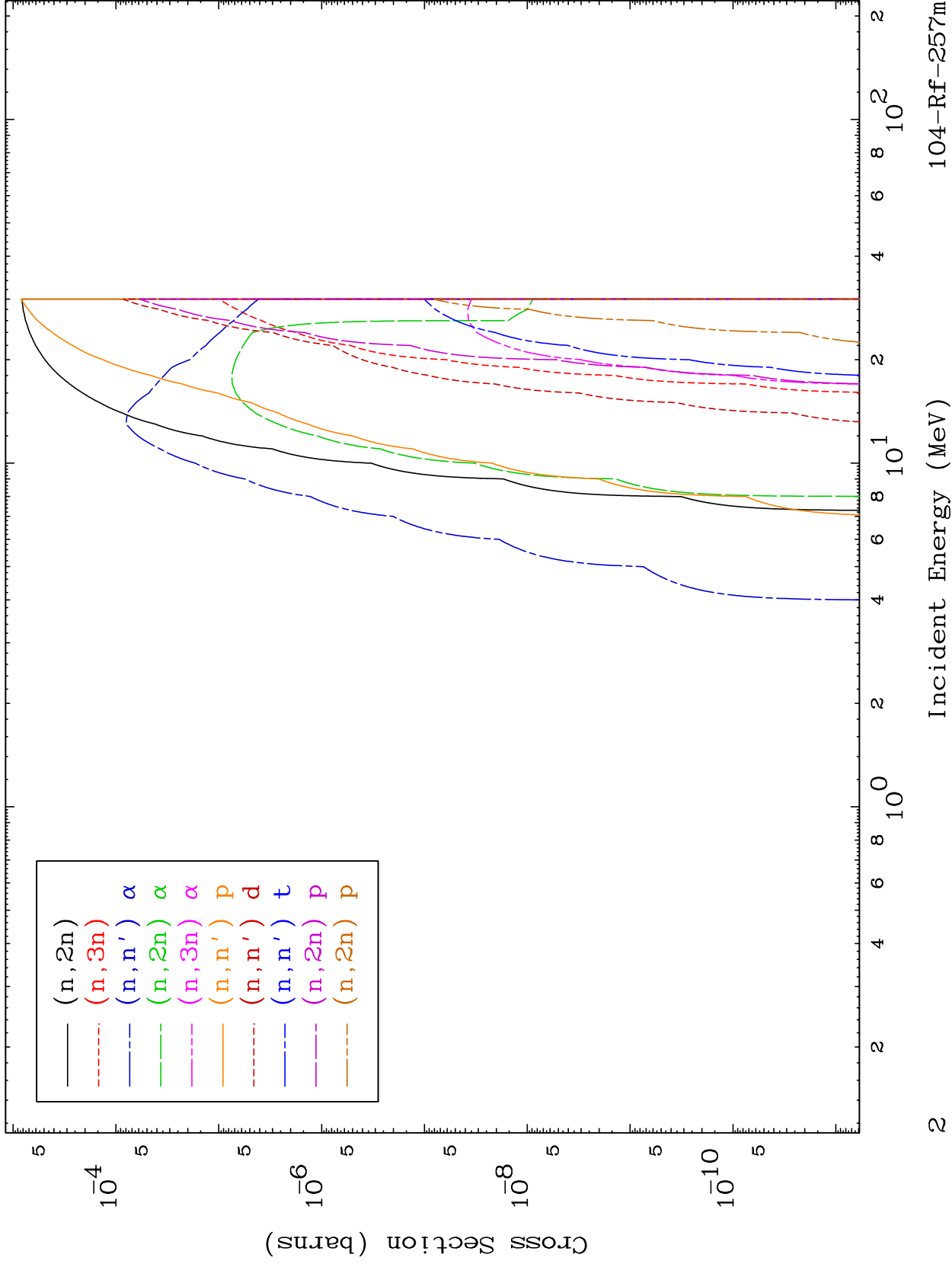
0 Kelvin Cross Sections



MAT 457

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

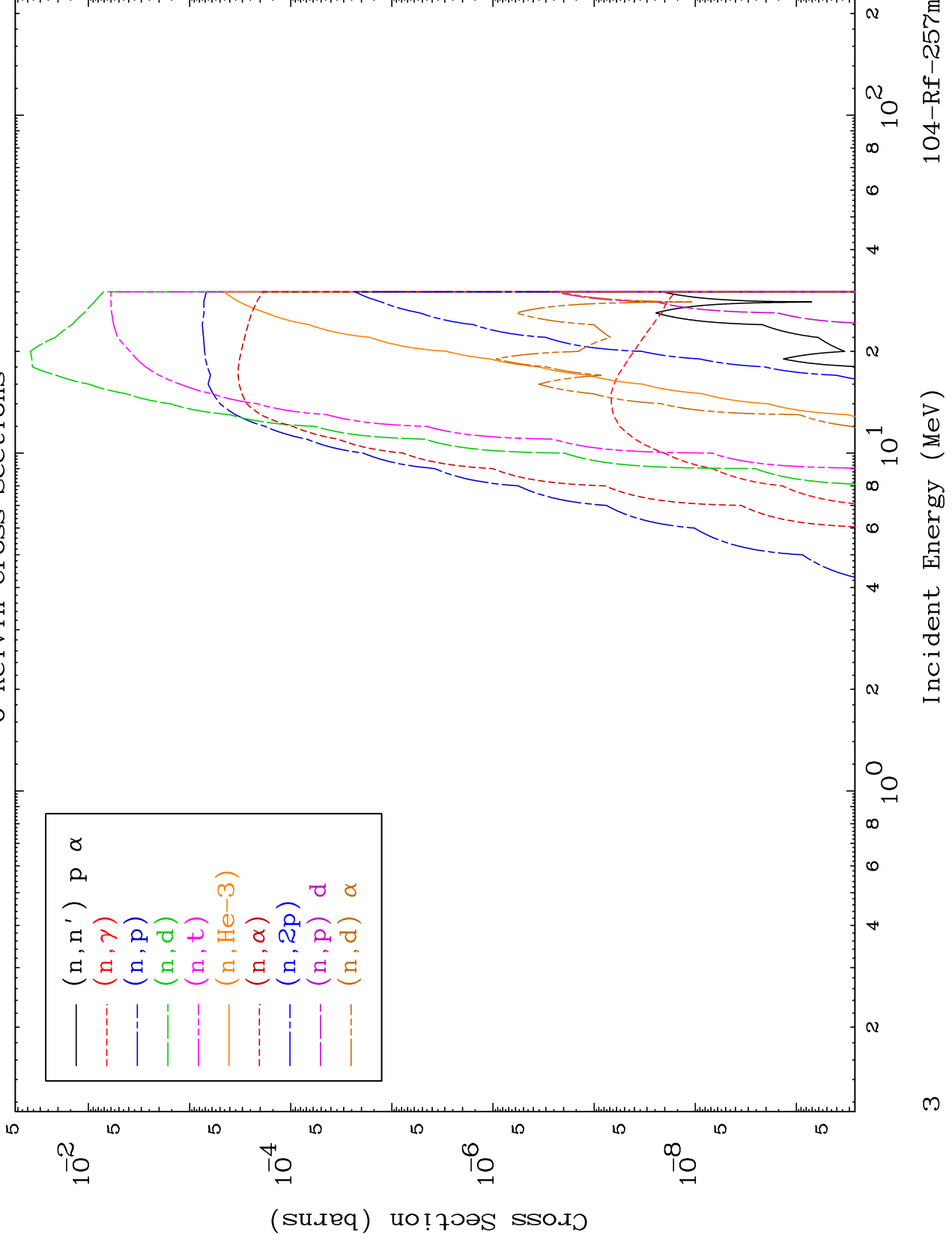
104-Rf-257m



MAT 457

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

104-Rf-257m



104-Rf-257m

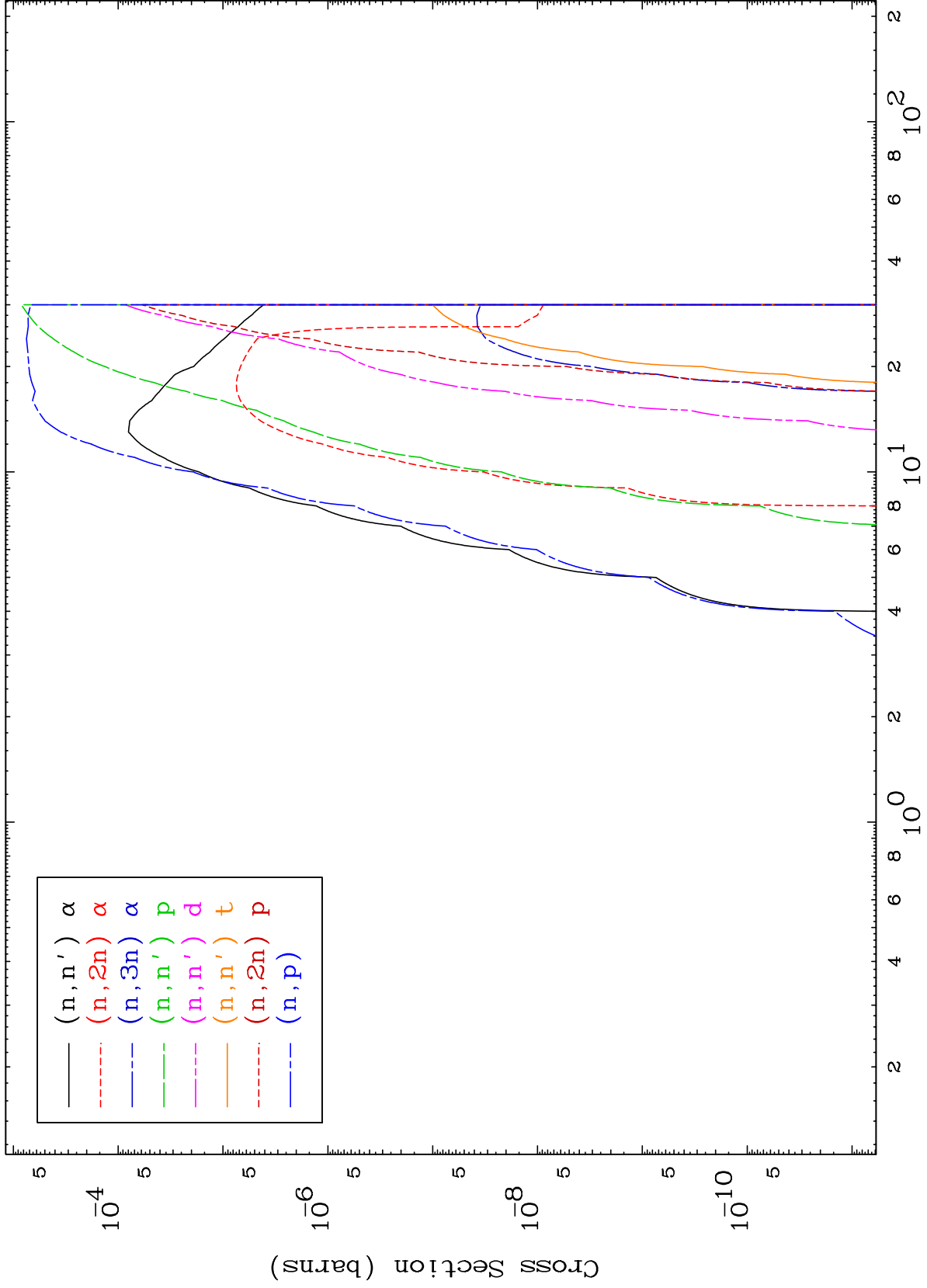
Incident Energy (MeV)

3

MAT 457

Deuteron Charged Particle  
0 Kelvin Cross Sections

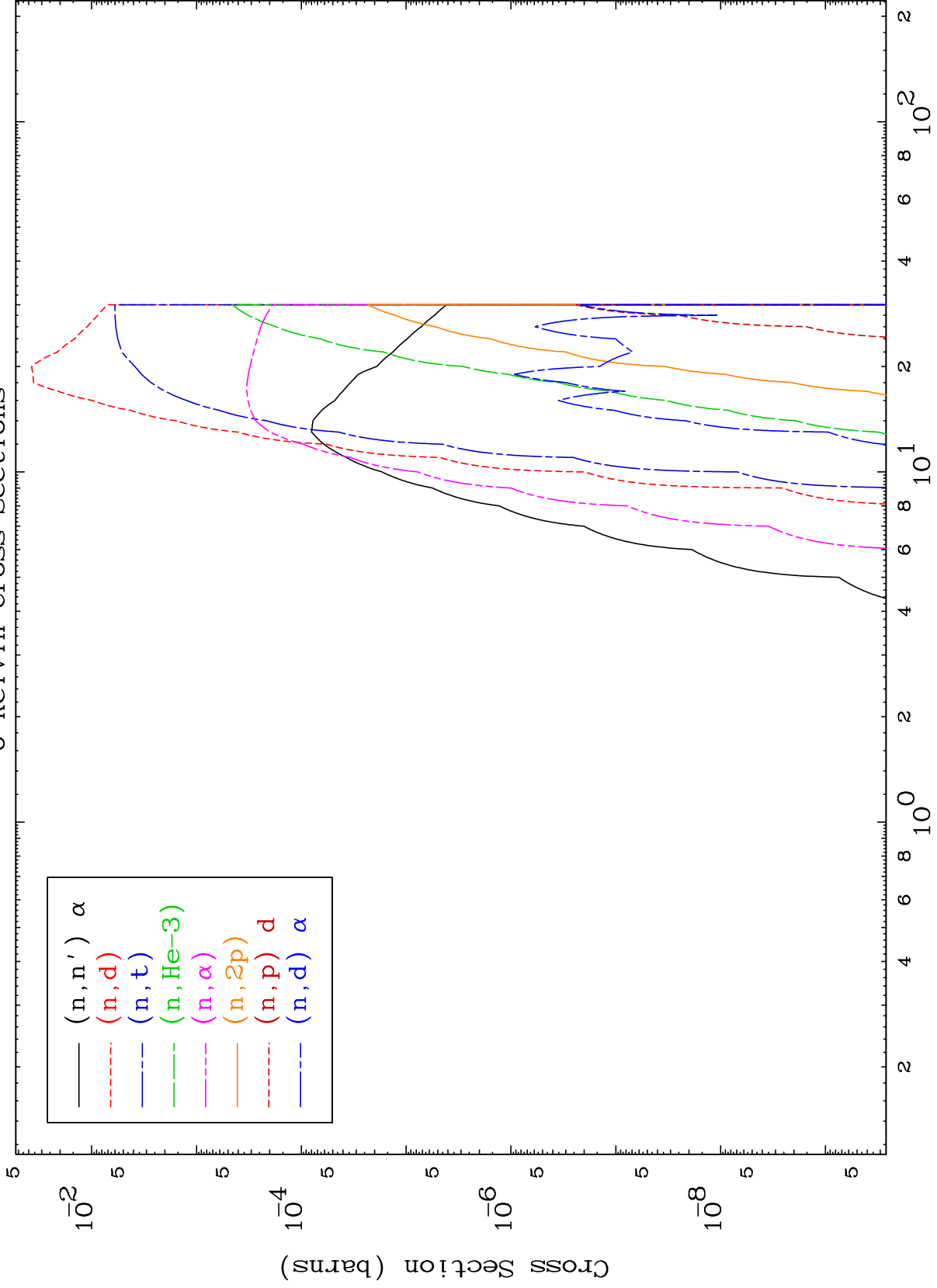
104-Rf-257m



MAT 457

Deuteron Charged Particle  
0 Kelvin Cross Sections

104-Rf-257m



5

Incident Energy (MeV)

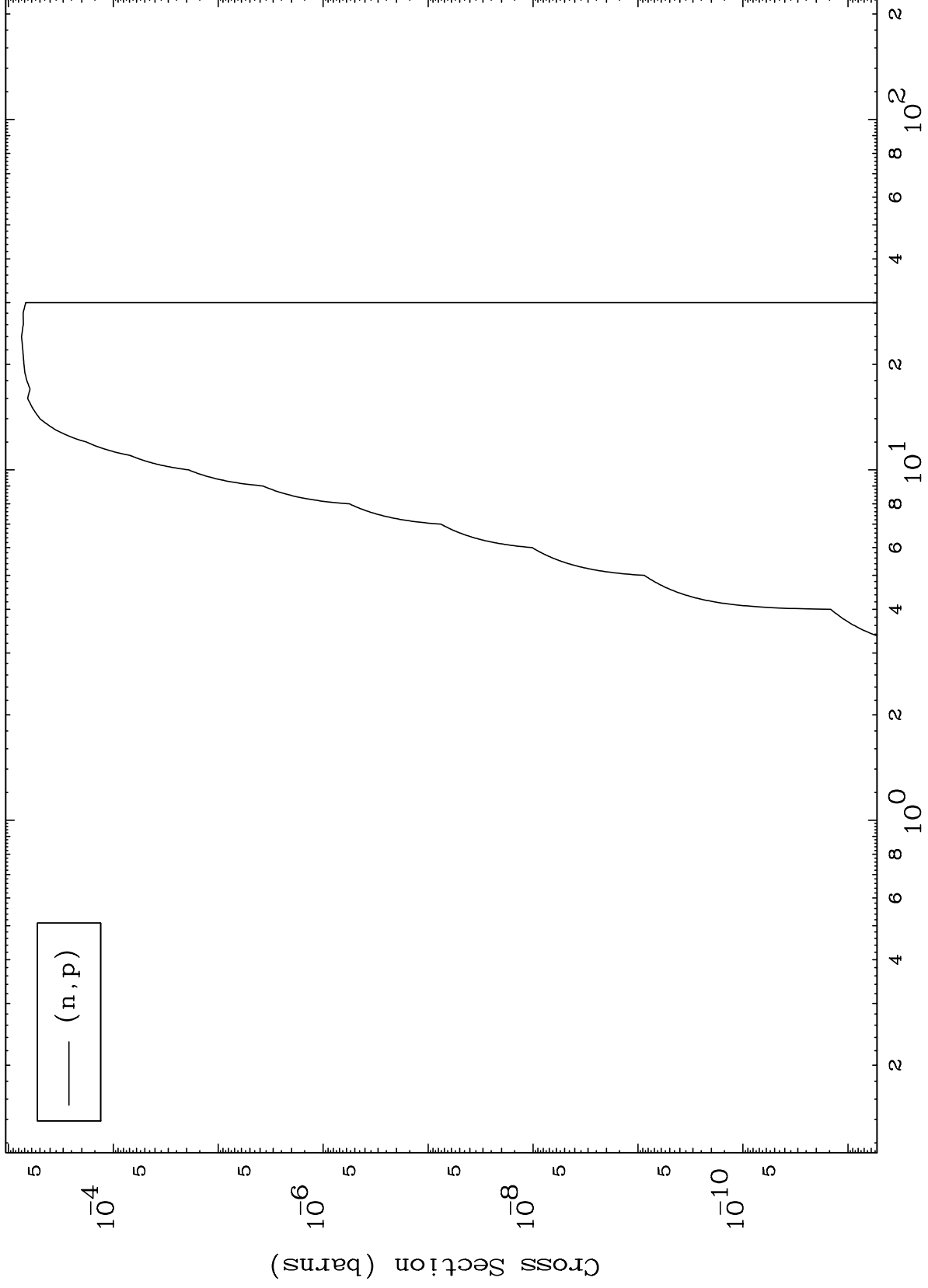
104-Rf-257m

MAT 457

(d,p) Levels

104-Rf-257m

0 Kelvin Cross Sections



6

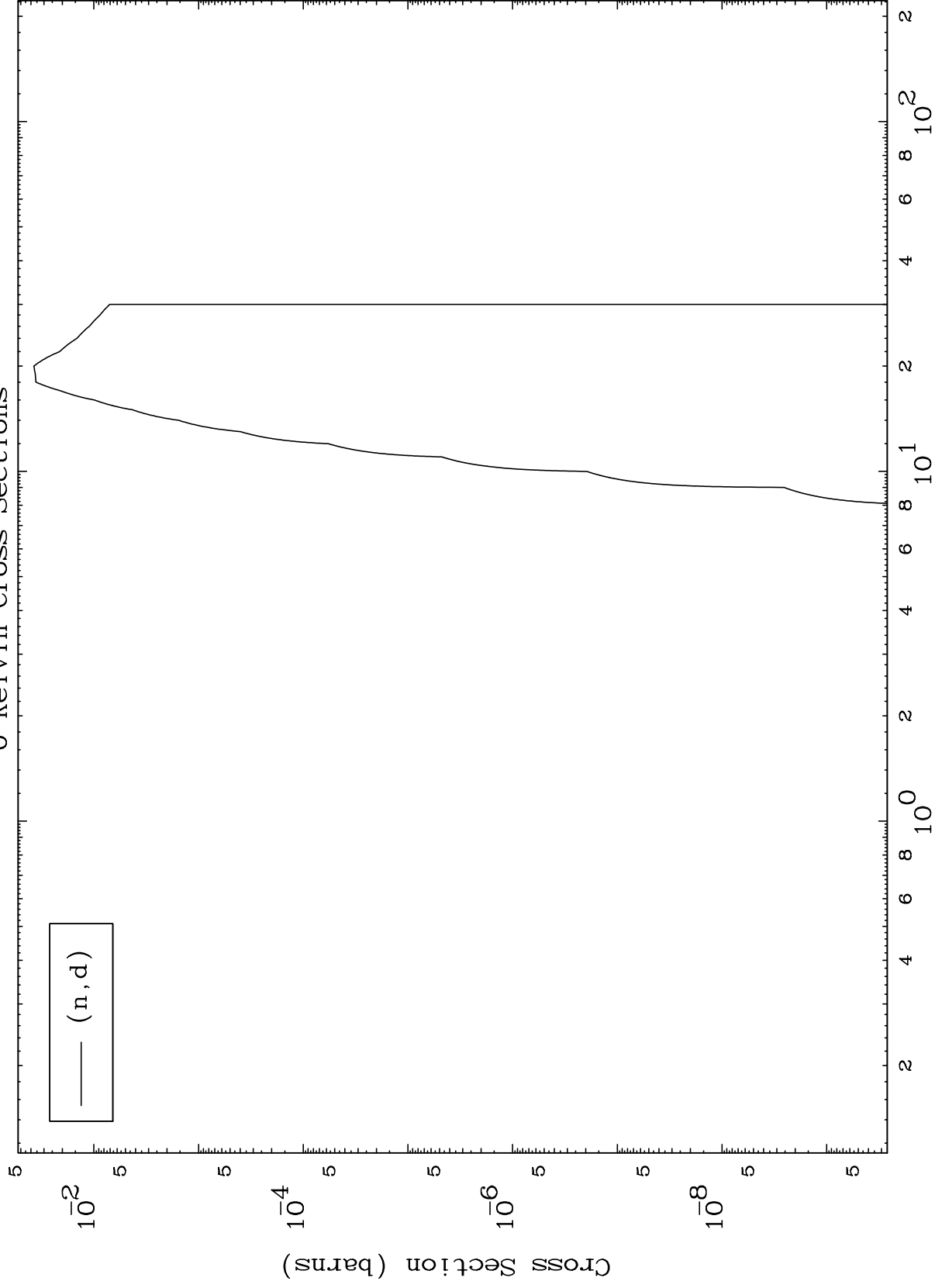
Incident Energy (MeV)

104-Rf-257m

MAT 457

104-Rf-257m

(d,d) Levels  
0 Kelvin Cross Sections



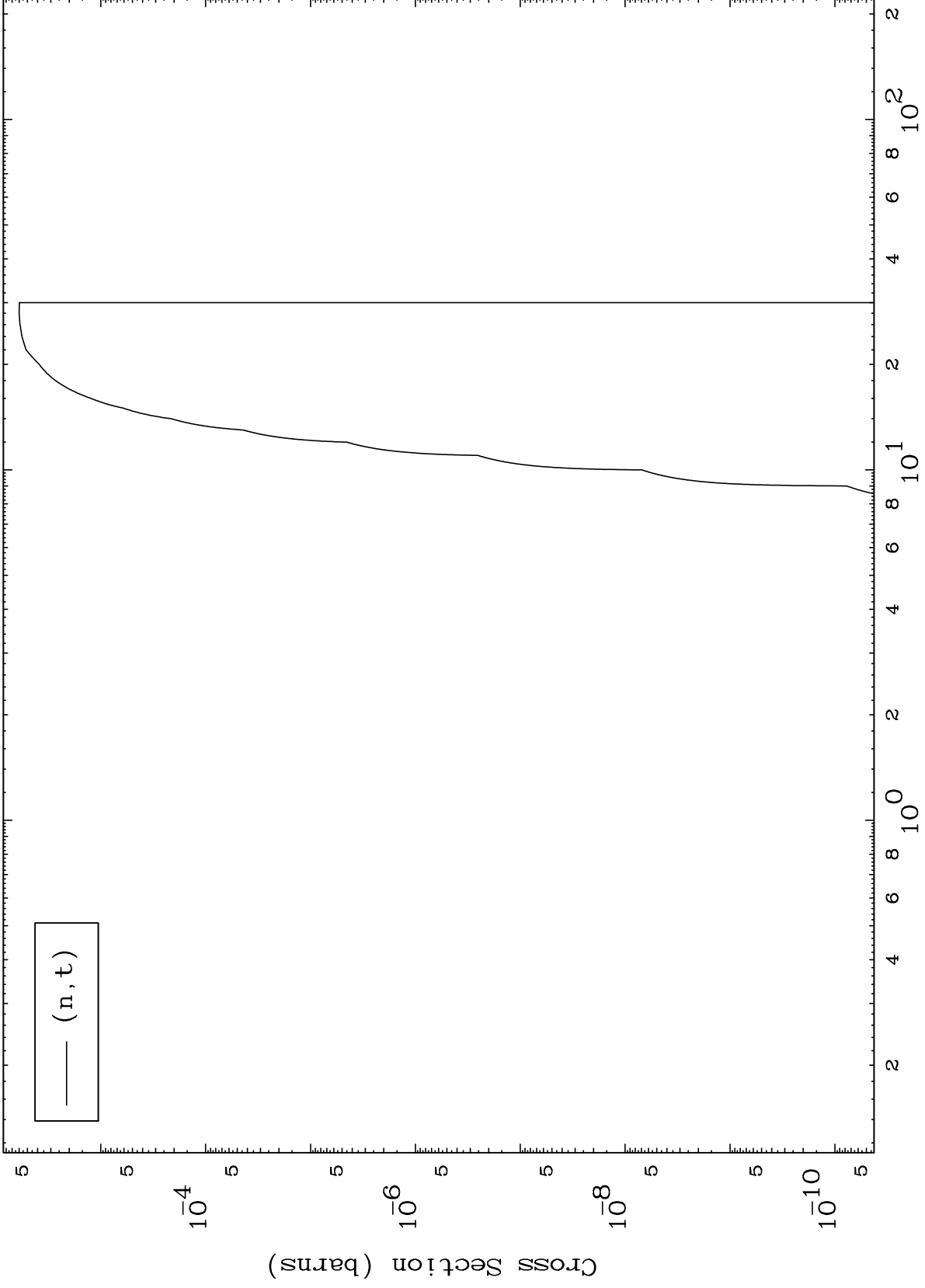


MAT 457

(d, t) Levels

104-Rf-257m

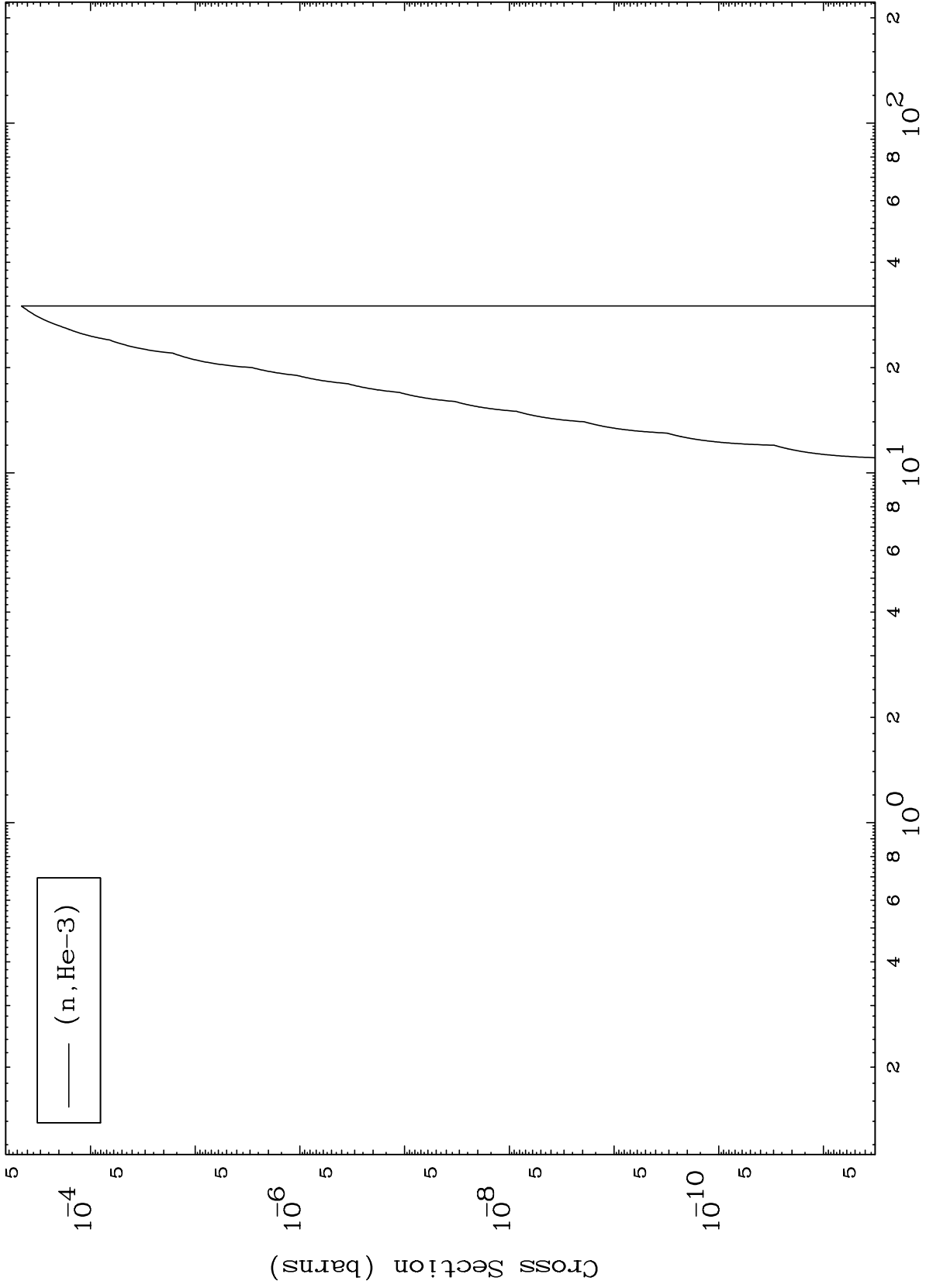
0 Kelvin Cross Sections



MAT 457

(d,He3) Levels  
0 Kelvin Cross Sections

104-Rf-257m



9

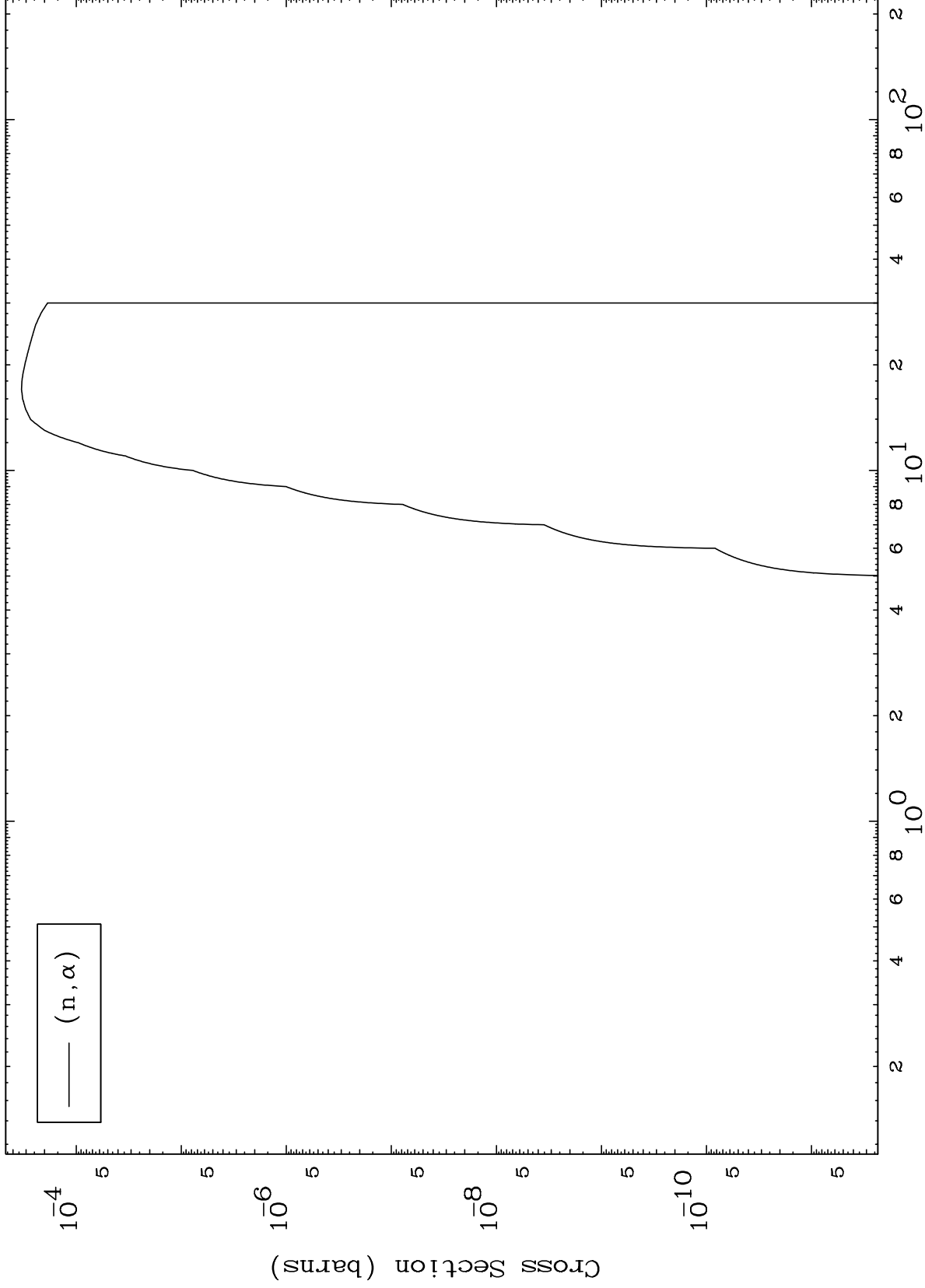
Incident Energy (MeV)

104-Rf-257m

MAT 457

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

104-Rf-257m



10

Incident Energy (MeV)

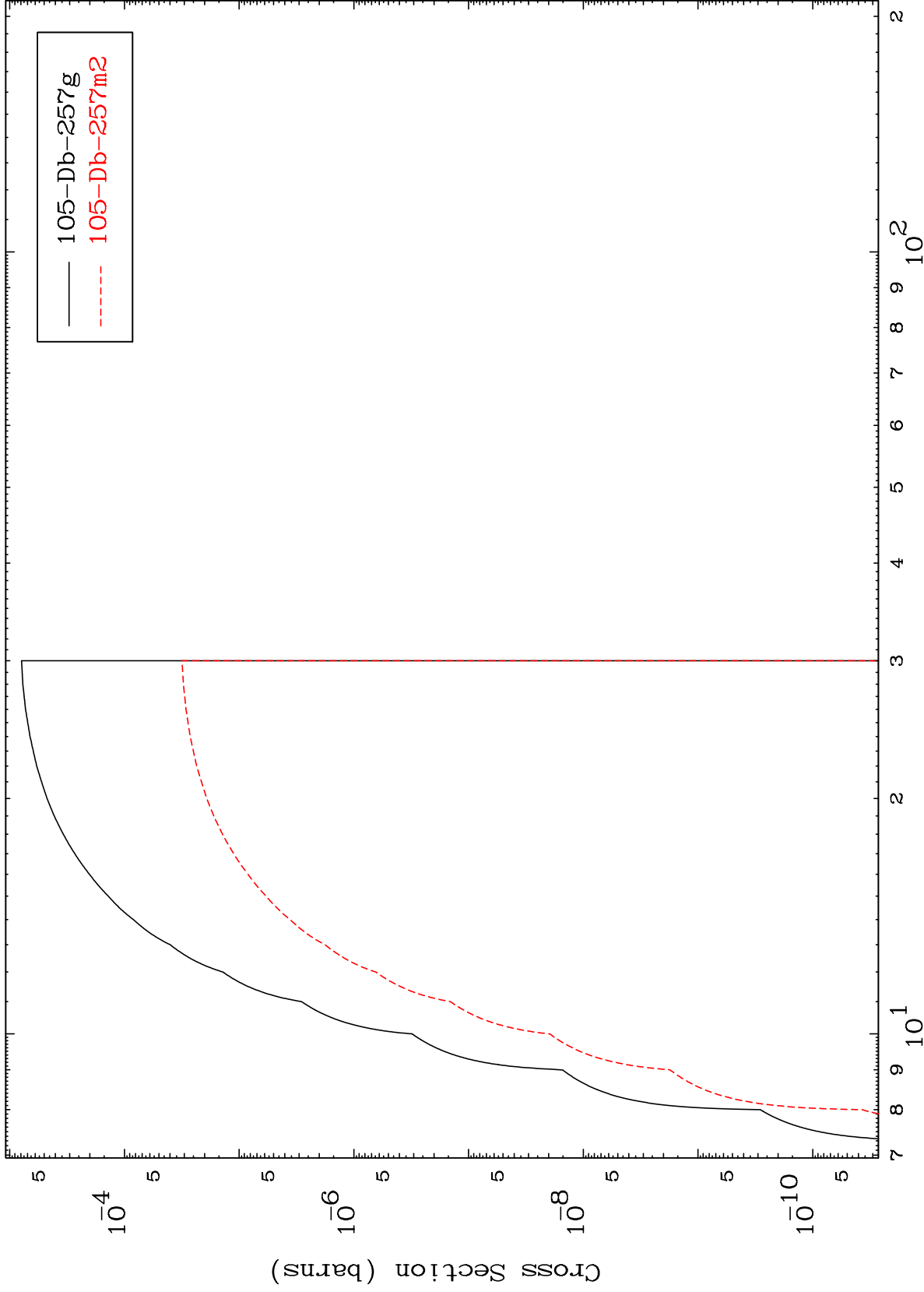
104-Rf-257m

MAT 457

(n,2n)

104-Rf-257m

Radionuclide Production Cross Section



11

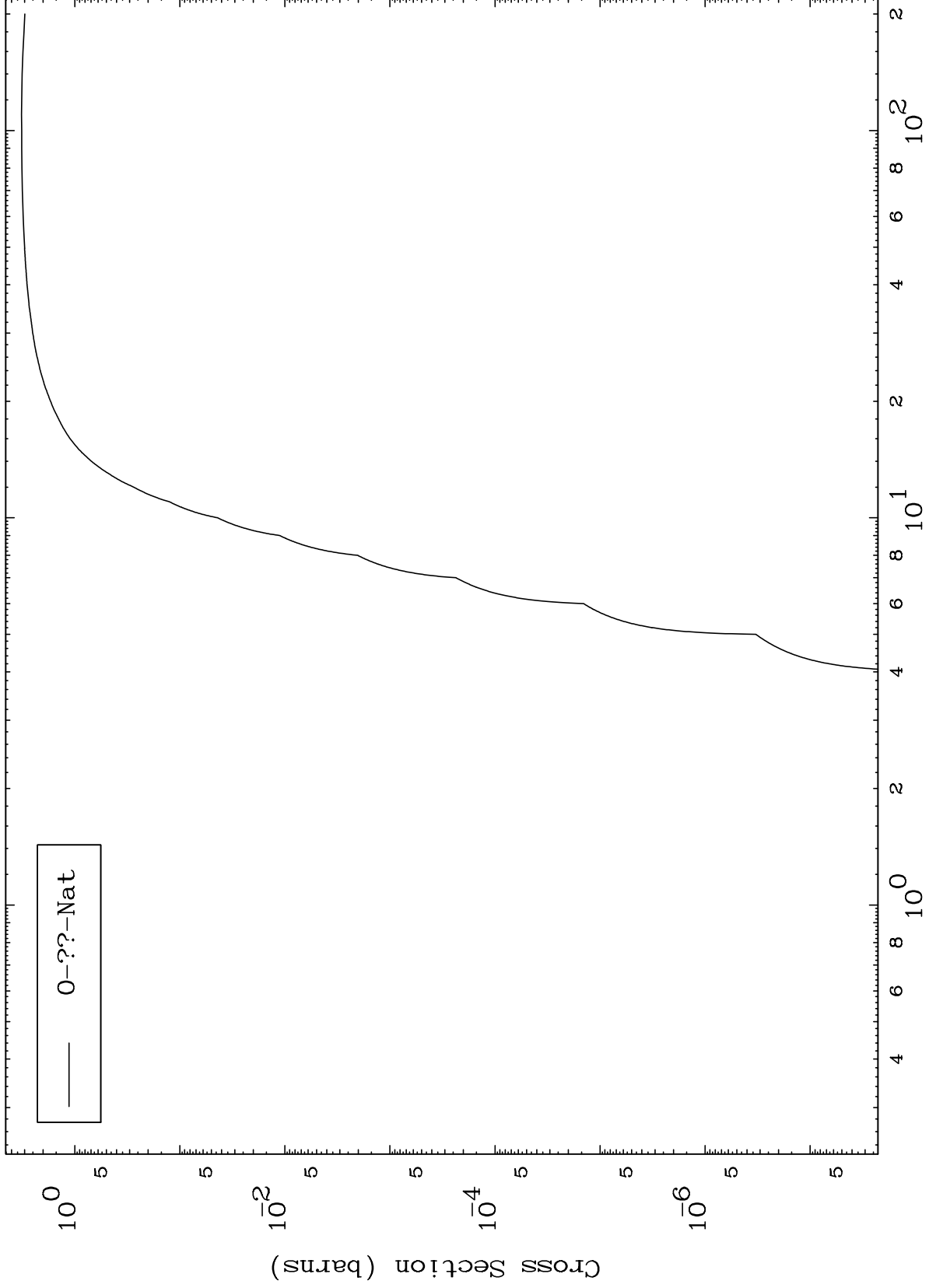
Incident Energy (MeV)

104-Rf-257m

MAT 457

Fission  
Radionuclide Production Cross Section

104-Rf-257m



12

Incident Energy (MeV)

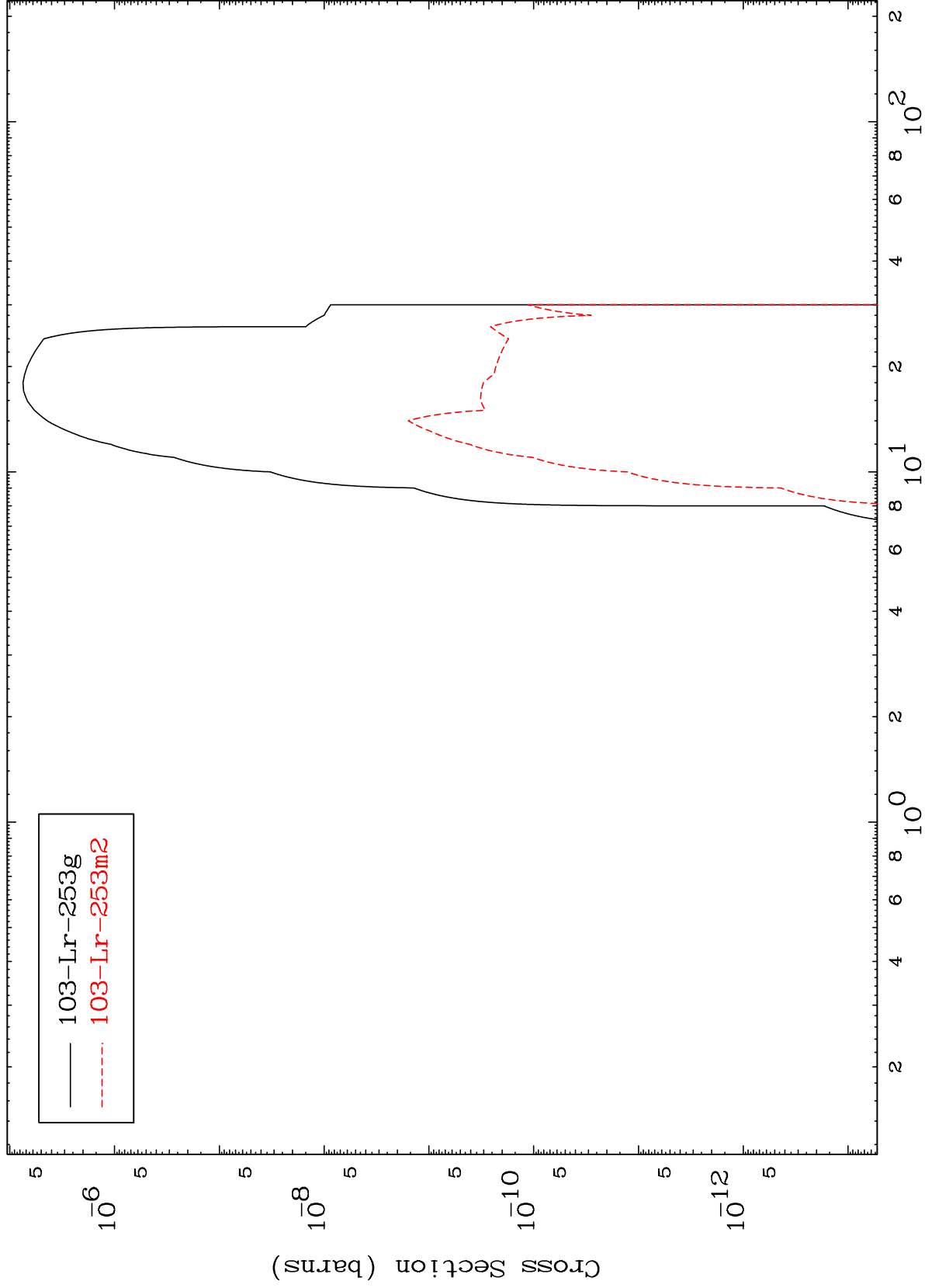
104-Rf-257m

MAT 457

(n,2n)  $\alpha$

104-Rf-257m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

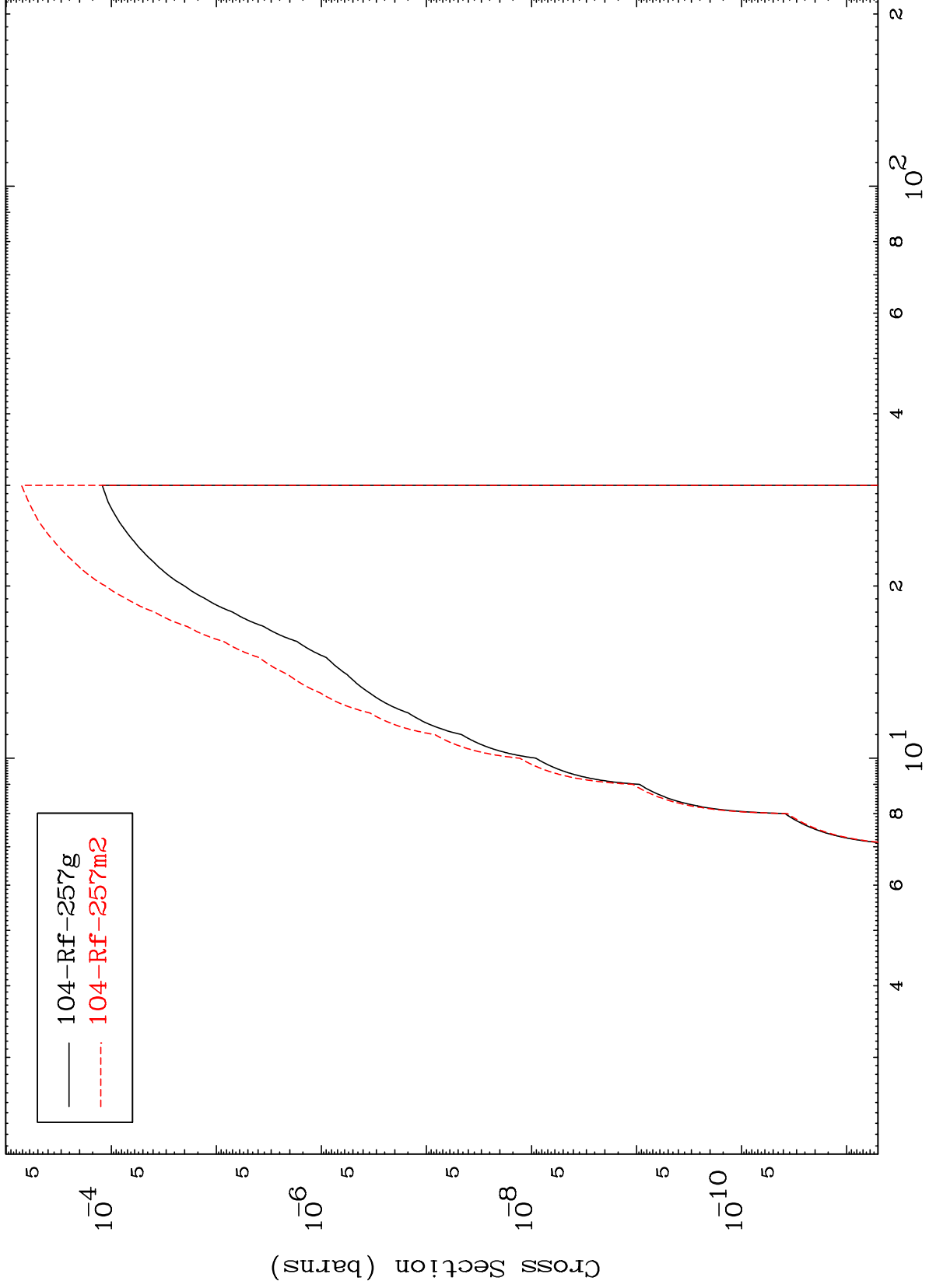
104-Rf-257m

MAT 457

(n,n') p

104-Rf-257m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

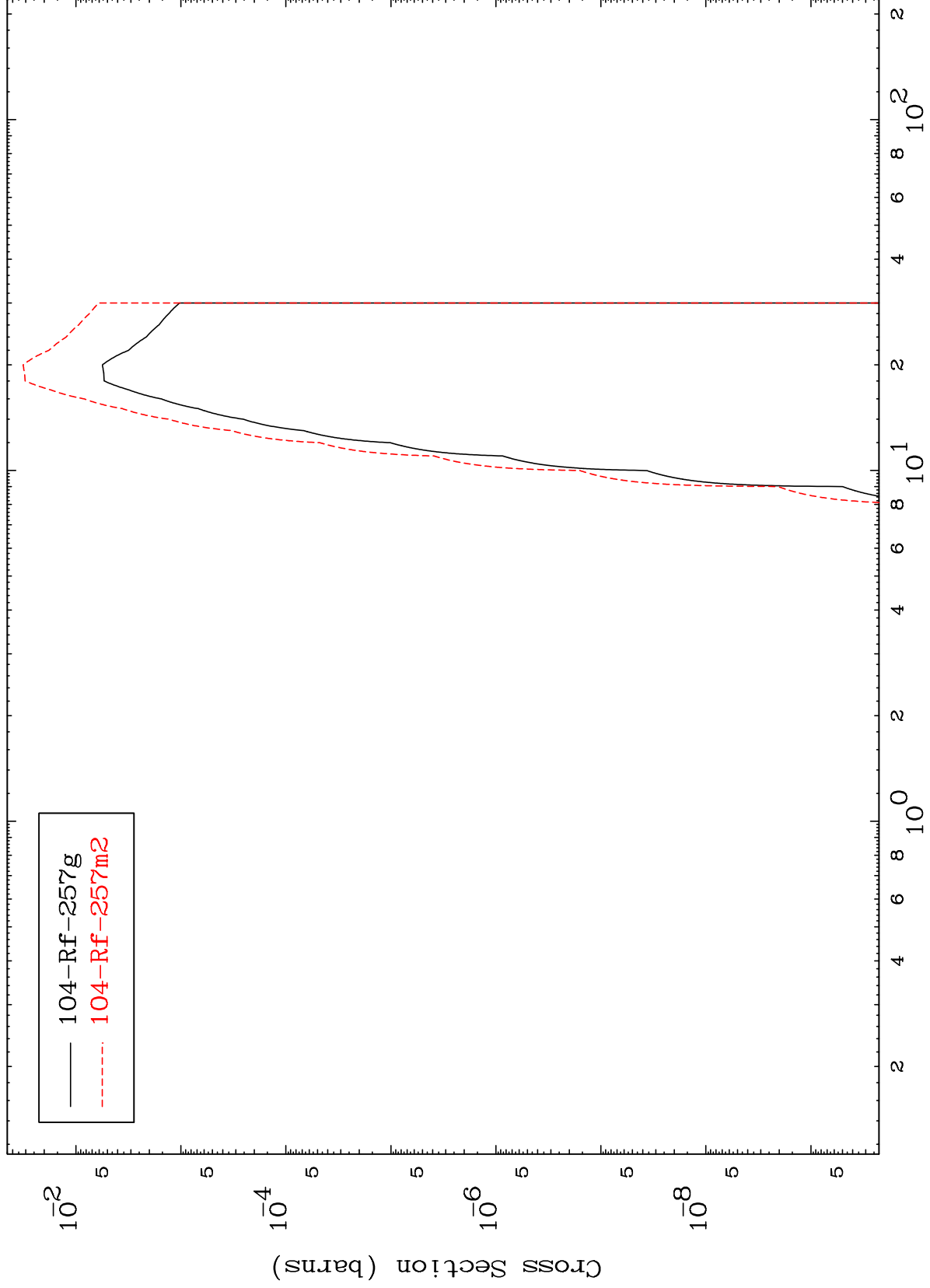
104-Rf-257m

MAT 457

(n,d)

104-Rf-257m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

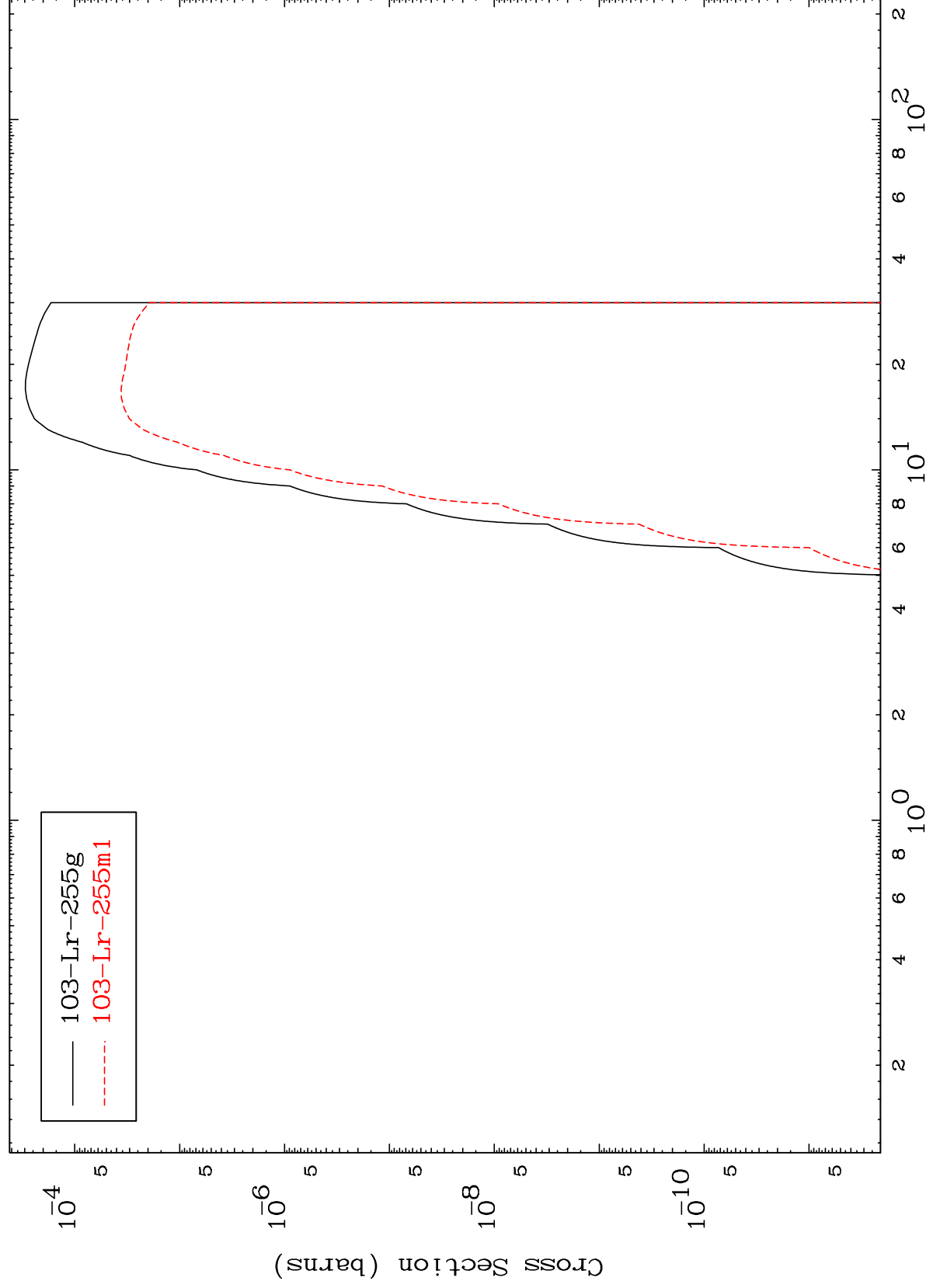
104-Rf-257m



MAT 457

104-Rf-257m

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



— 103-Lr-255g  
- - - 103-Lr-255m1

104-Rf-257m

Incident Energy (MeV)

16