

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](mailto:redcullen1@comcast.net)

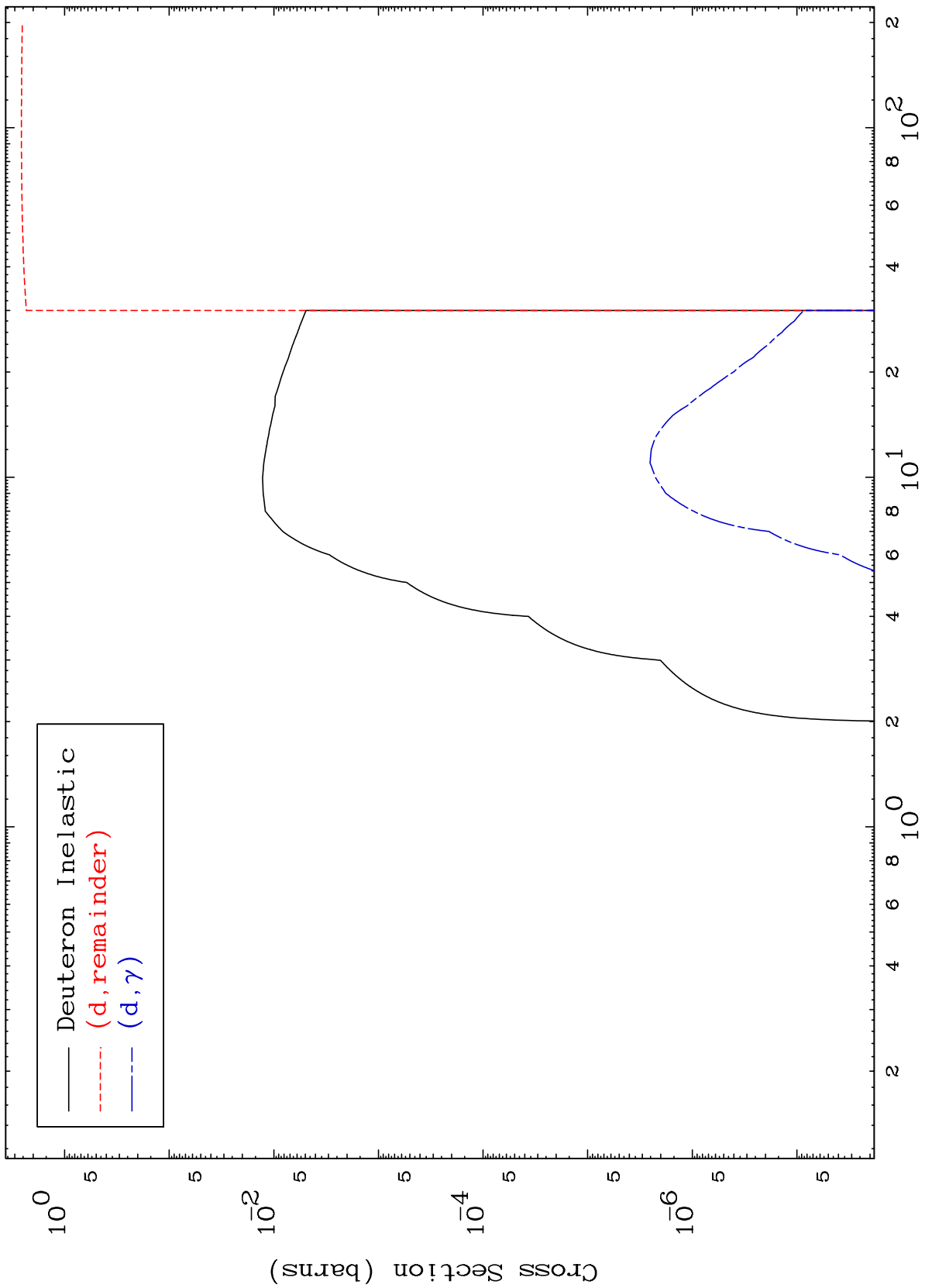
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5655

Deuteron Major  
0 Kelvin Cross Sections

56-Ba-140



— Deuteron Inelastic  
- - - (d, remainder)  
- · - (d, γ)

56-Ba-140

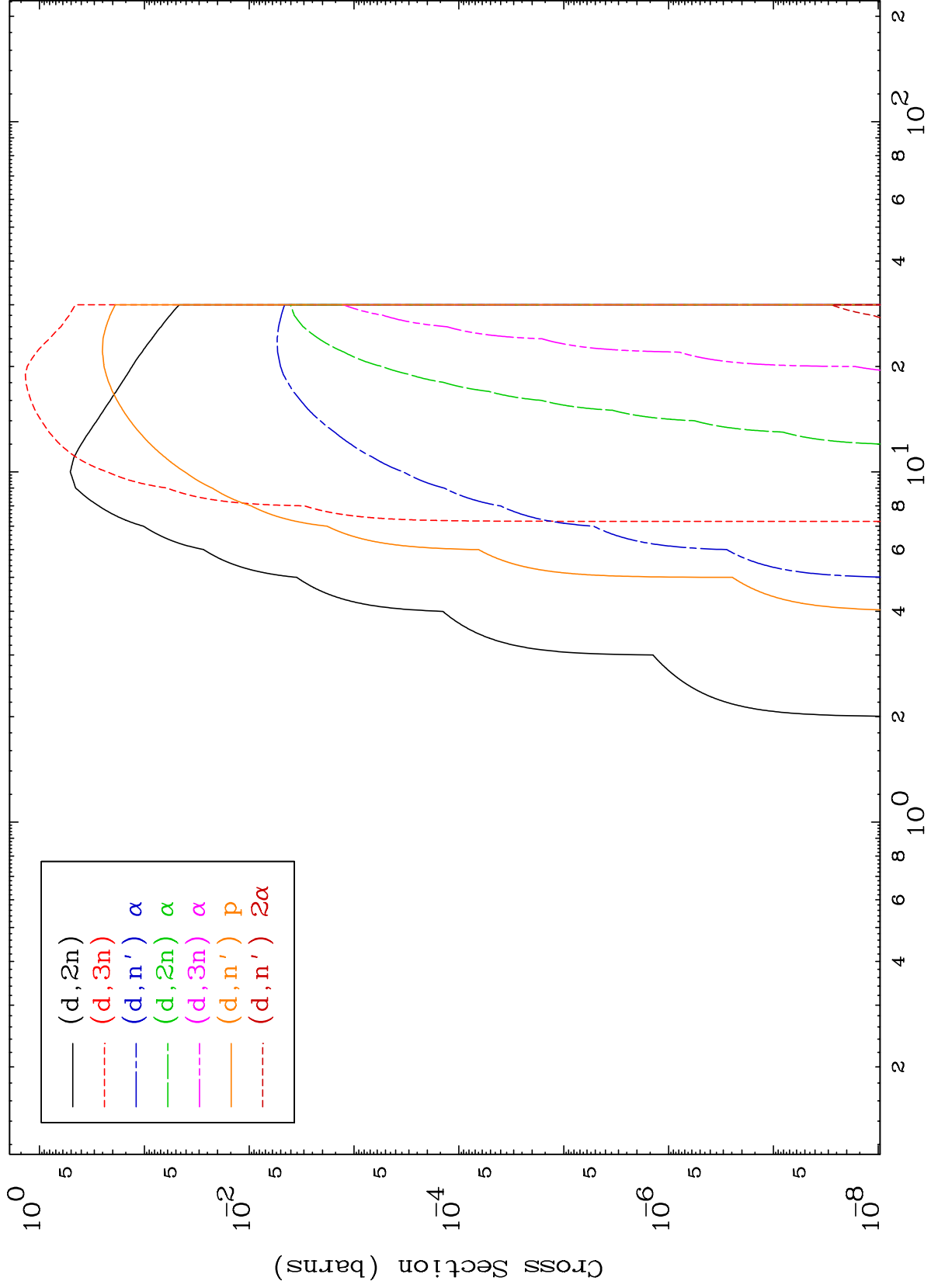
Incident Energy (MeV)

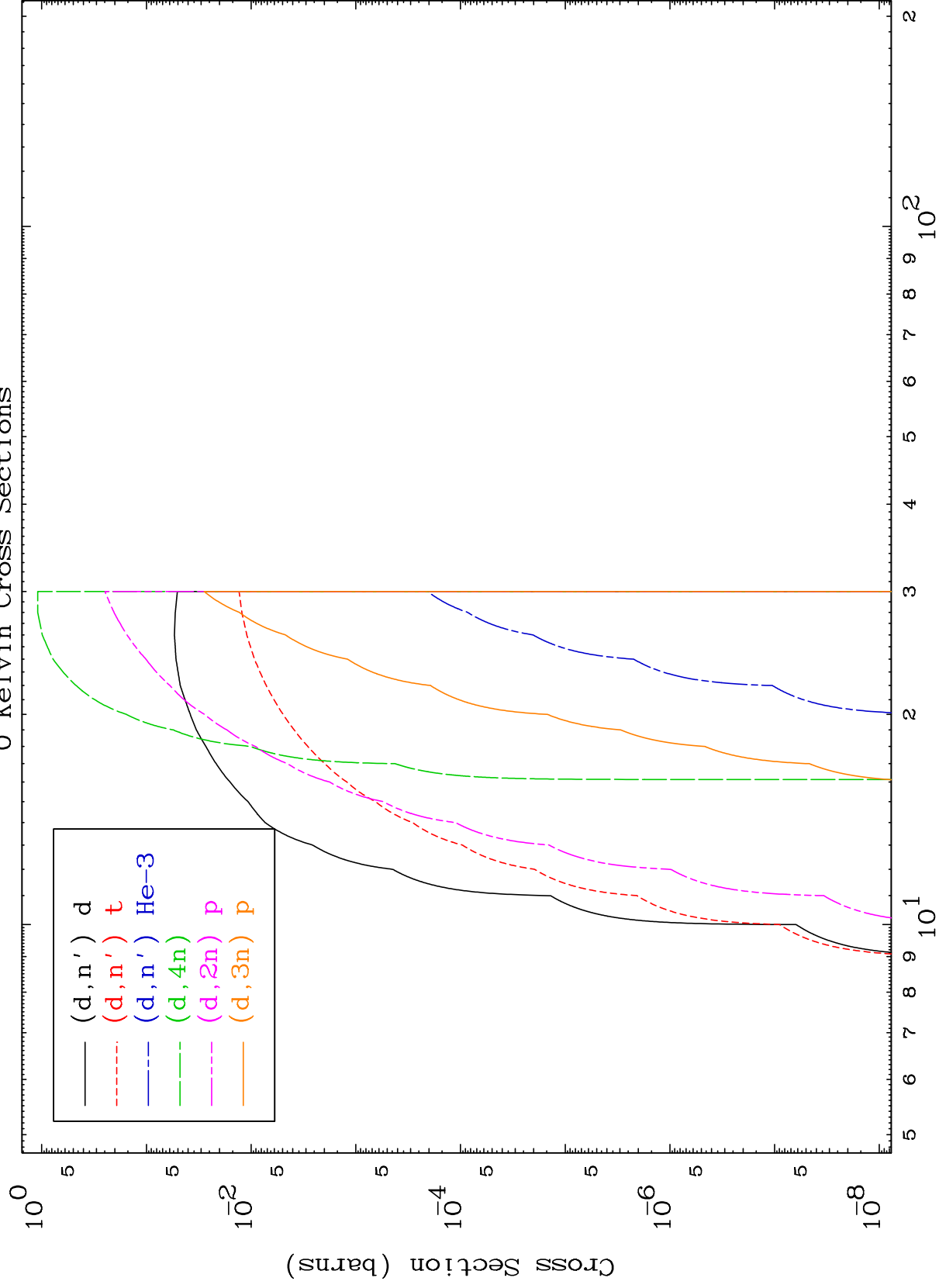
1

MAT 5655

Deuteron Neutron Production  
0 Kelvin Cross Sections

56-Ba-140

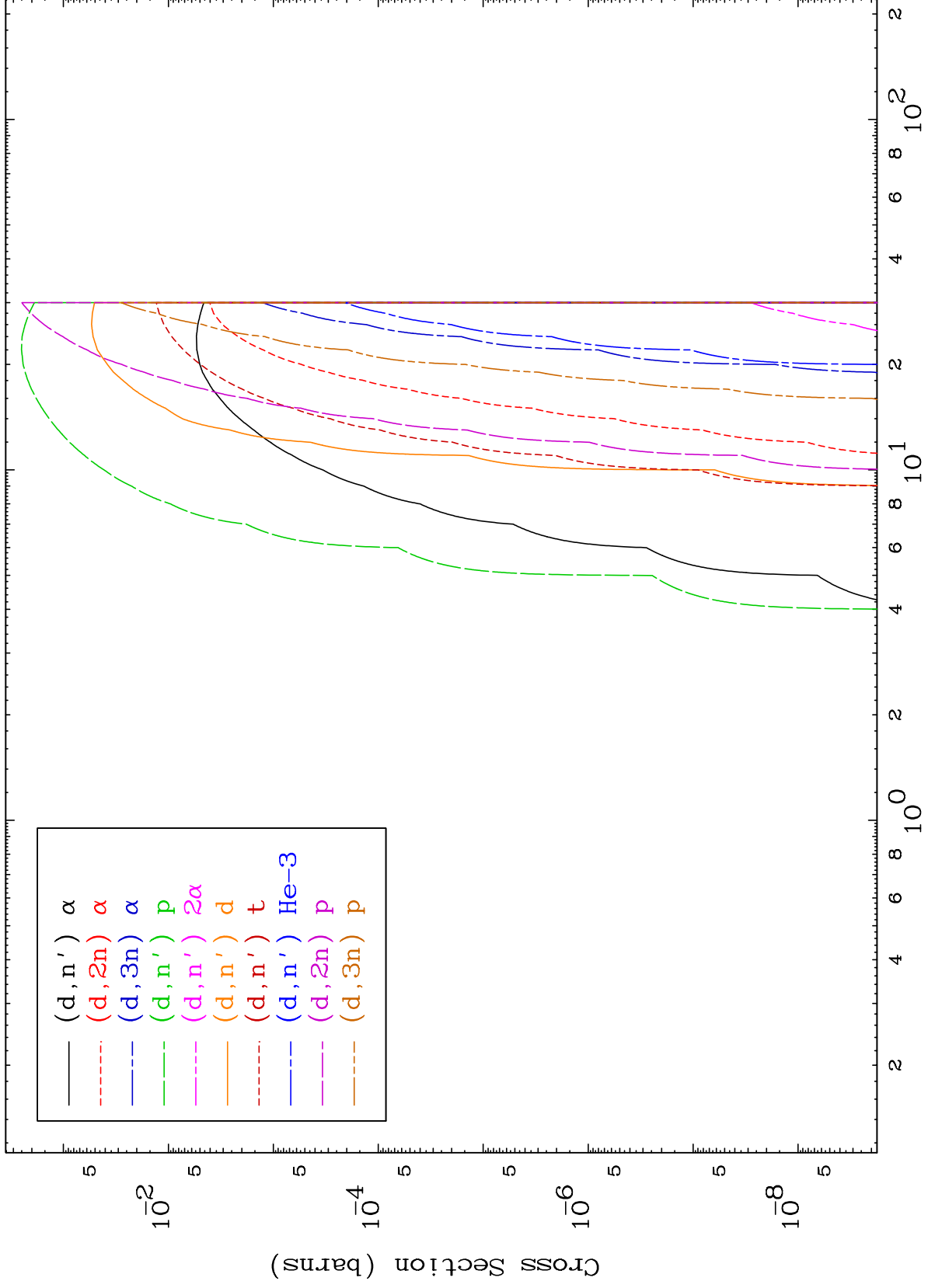


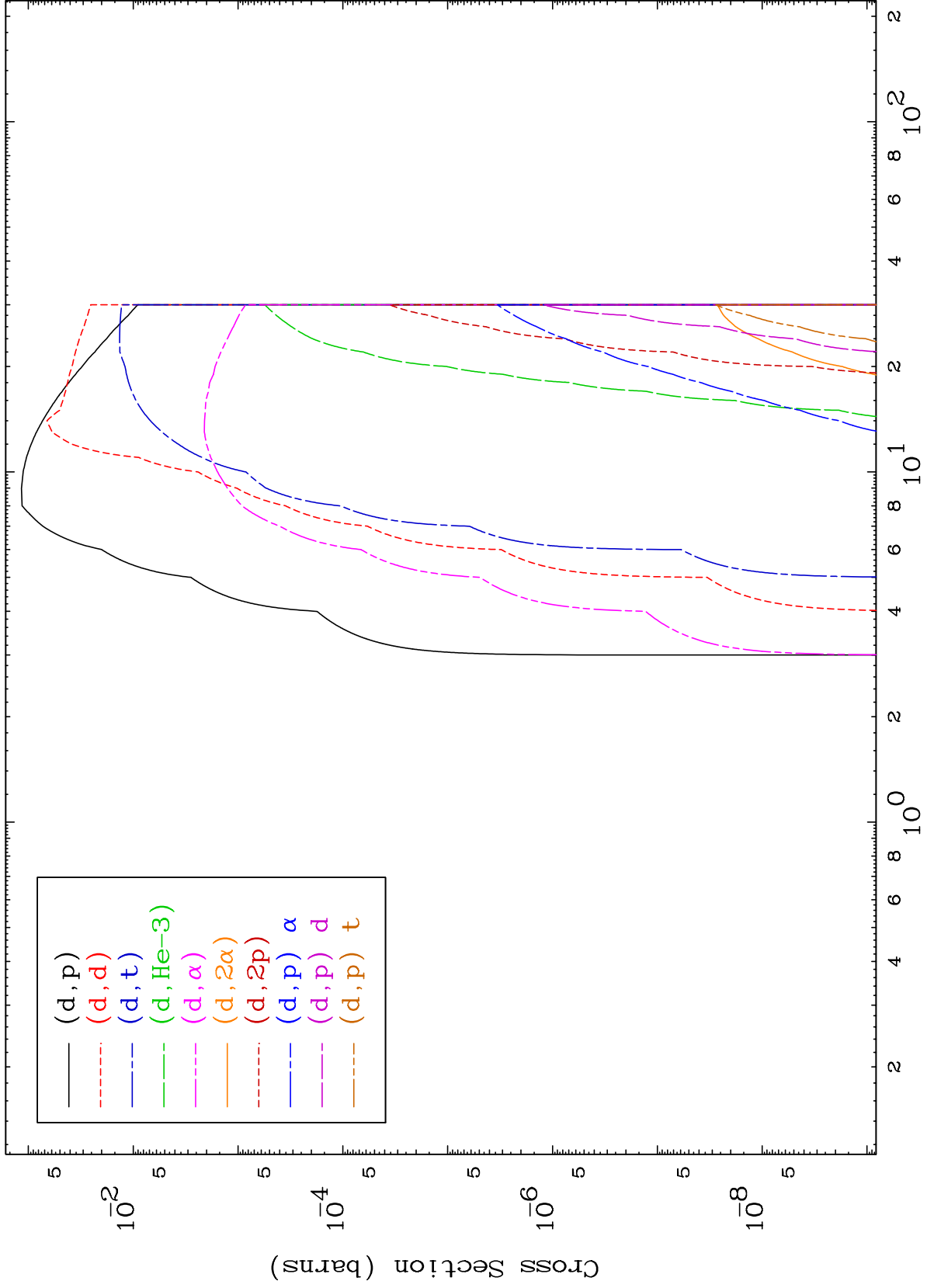


MAT 5655

Deuteron Charged Particle  
0 Kelvin Cross Sections

56-Ba-140



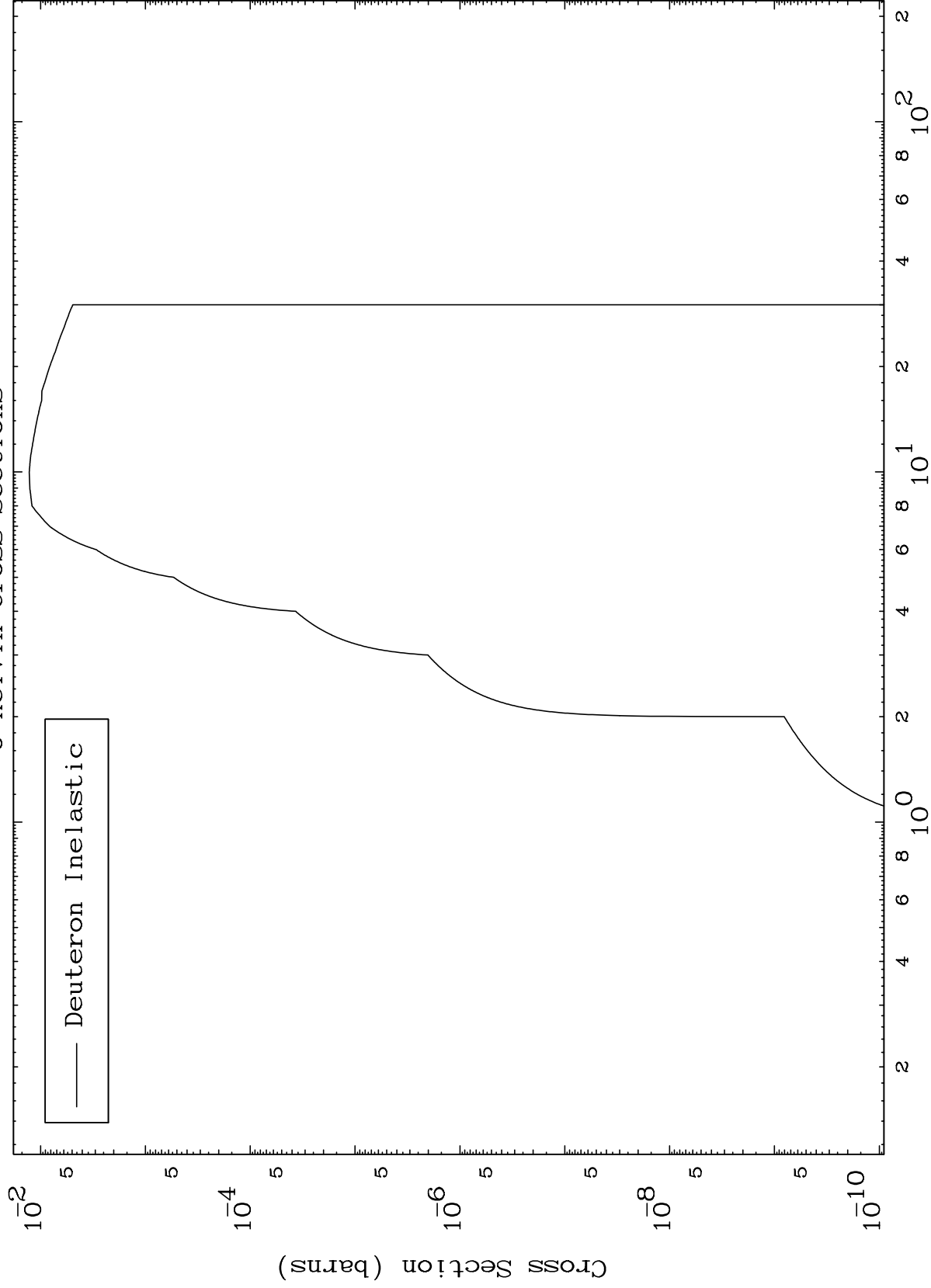


MAT 5655

(d,n') Level

56-Ba-140

0 Kelvin Cross Sections



6

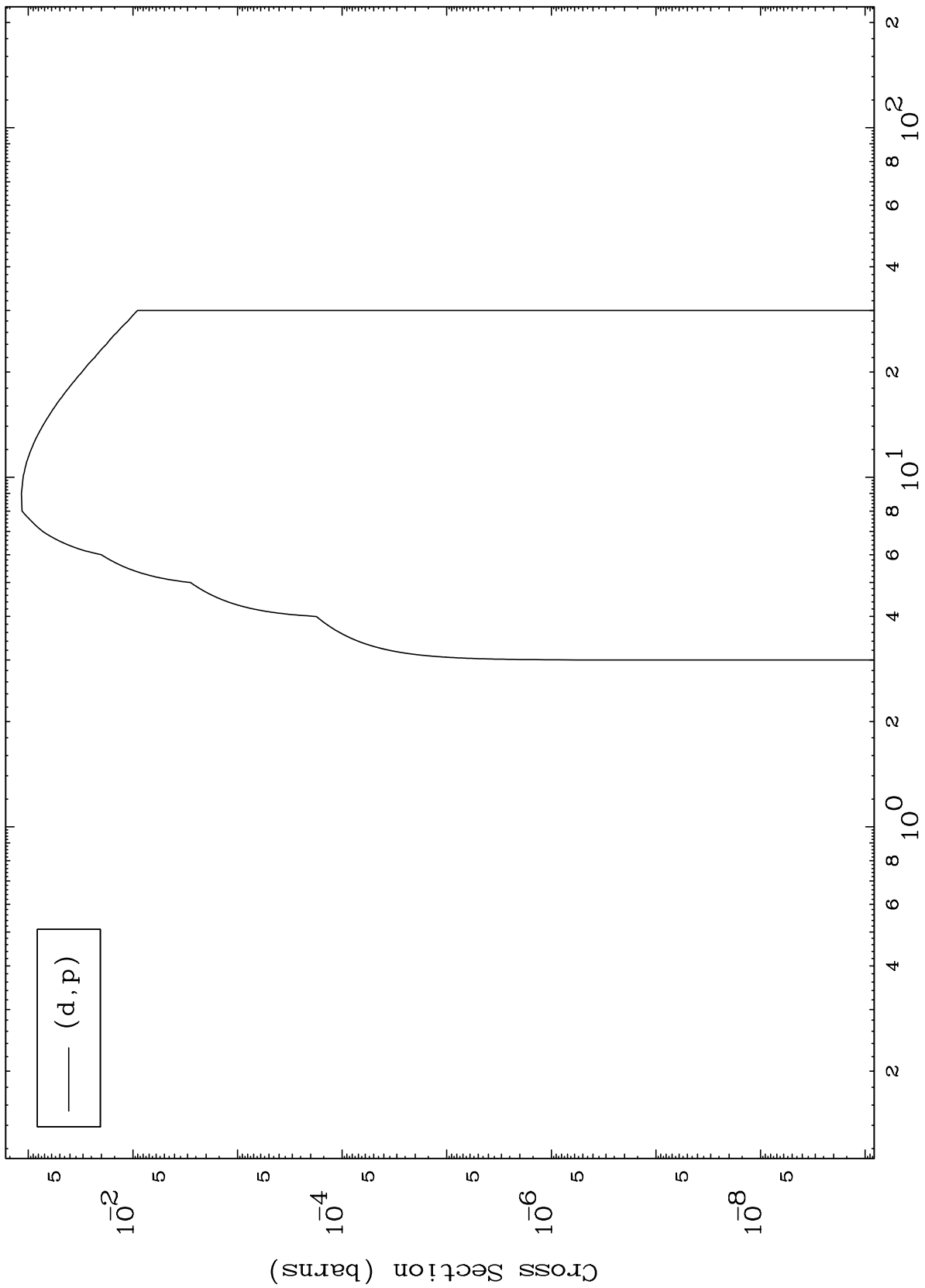
Incident Energy (MeV)

56-Ba-140

MAT 5655

(d,p) Levels  
0 Kelvin Cross Sections

56-Ba-140



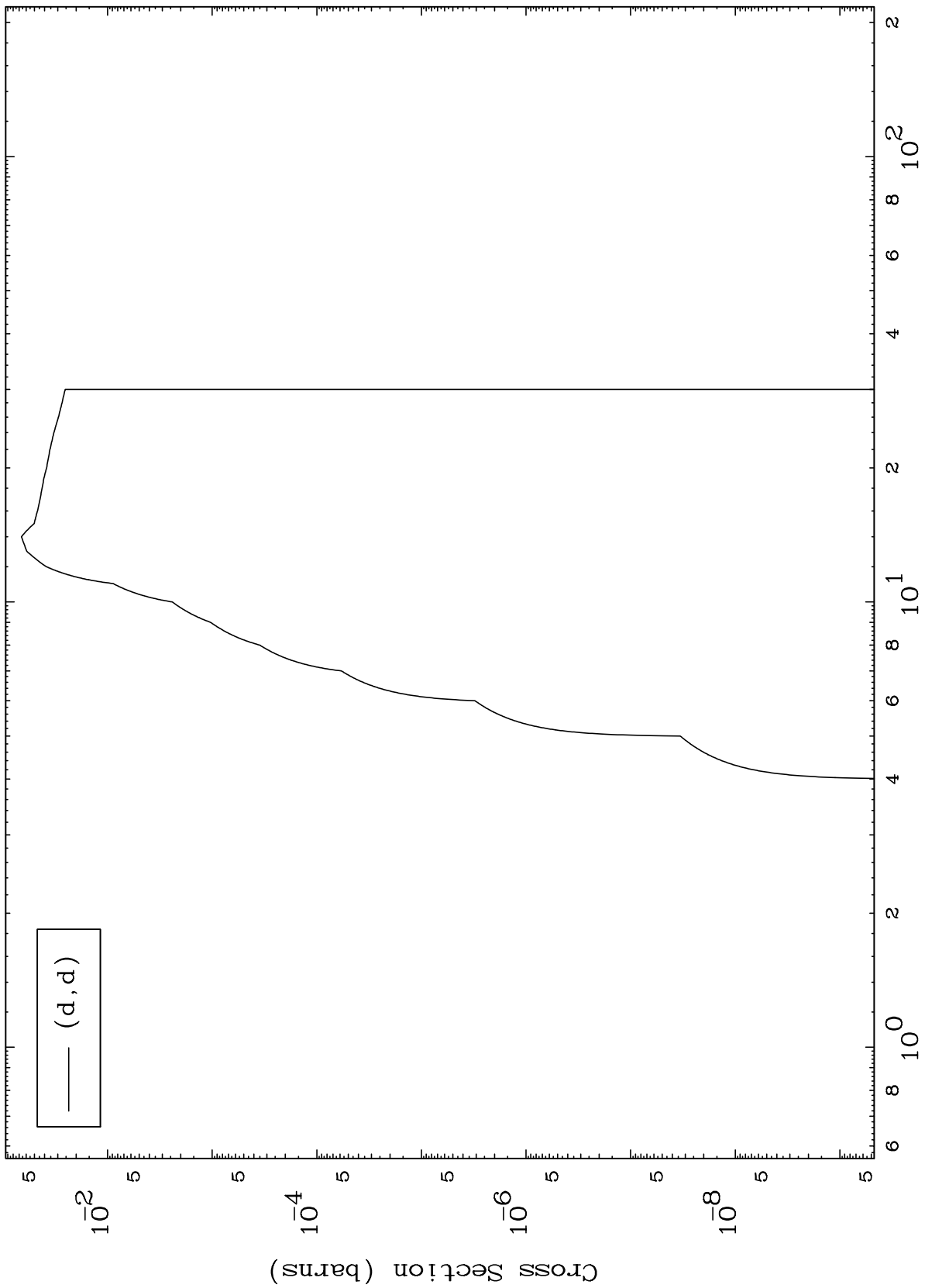


MAT 5655

(d,d) Levels

56-Ba-140

0 Kelvin Cross Sections



8

Incident Energy (MeV)

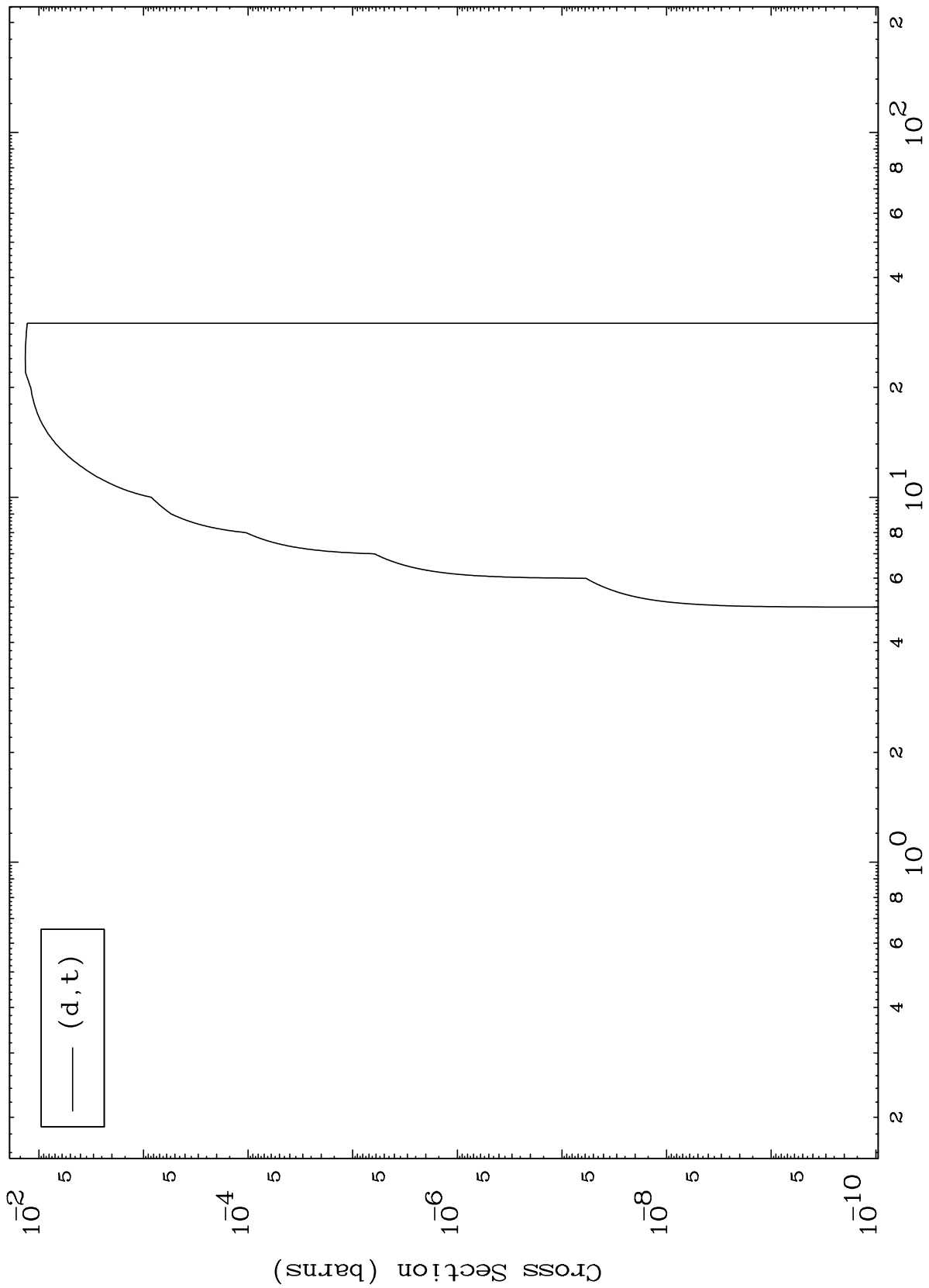
56-Ba-140

MAT 5655

(d,t) Levels

56-Ba-140

0 Kelvin Cross Sections



(d,t)

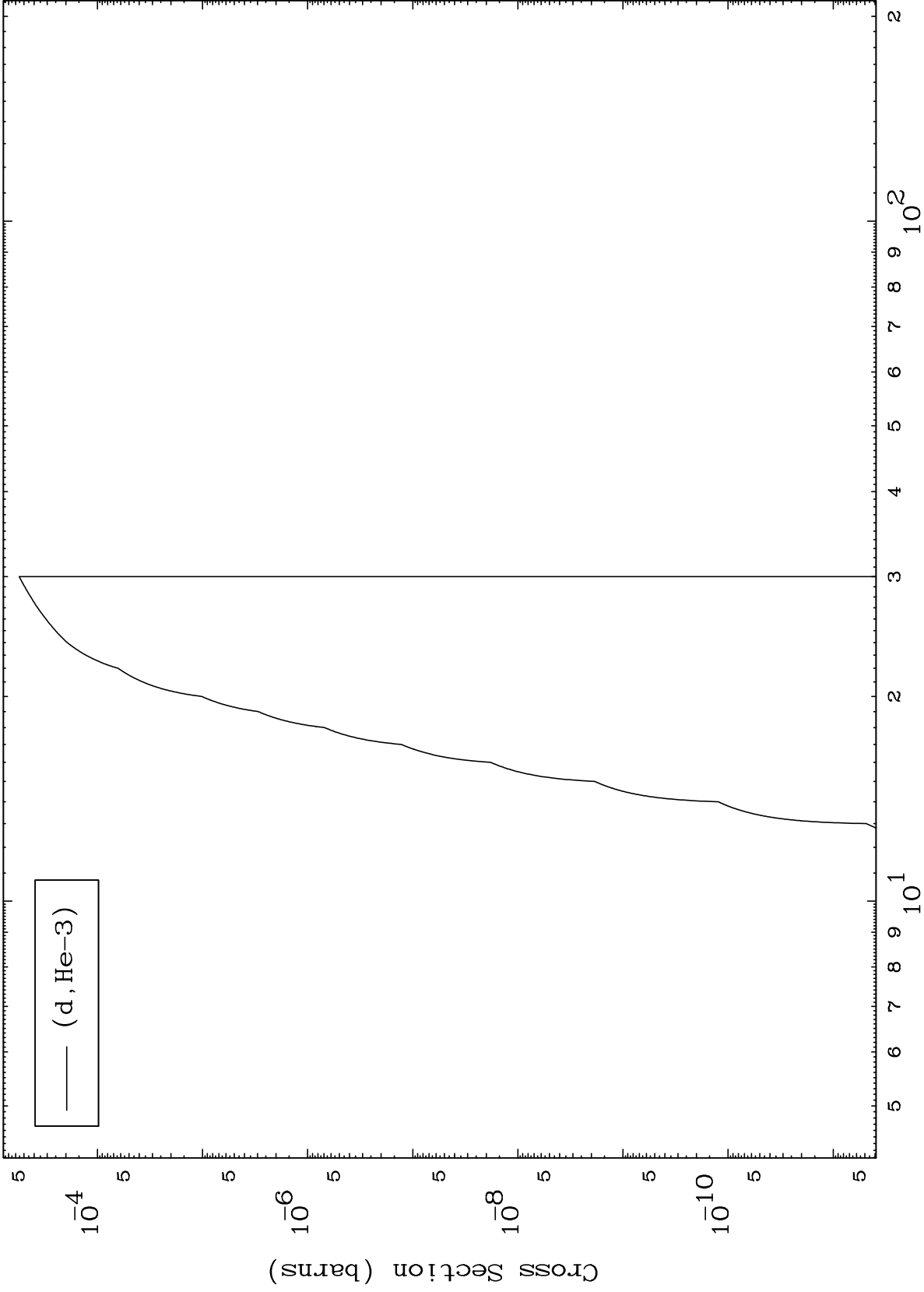
Incident Energy (MeV)

56-Ba-140

MAT 5655

(d,He3) Levels  
0 Kelvin Cross Sections

56-Ba-140



10

Incident Energy (MeV)

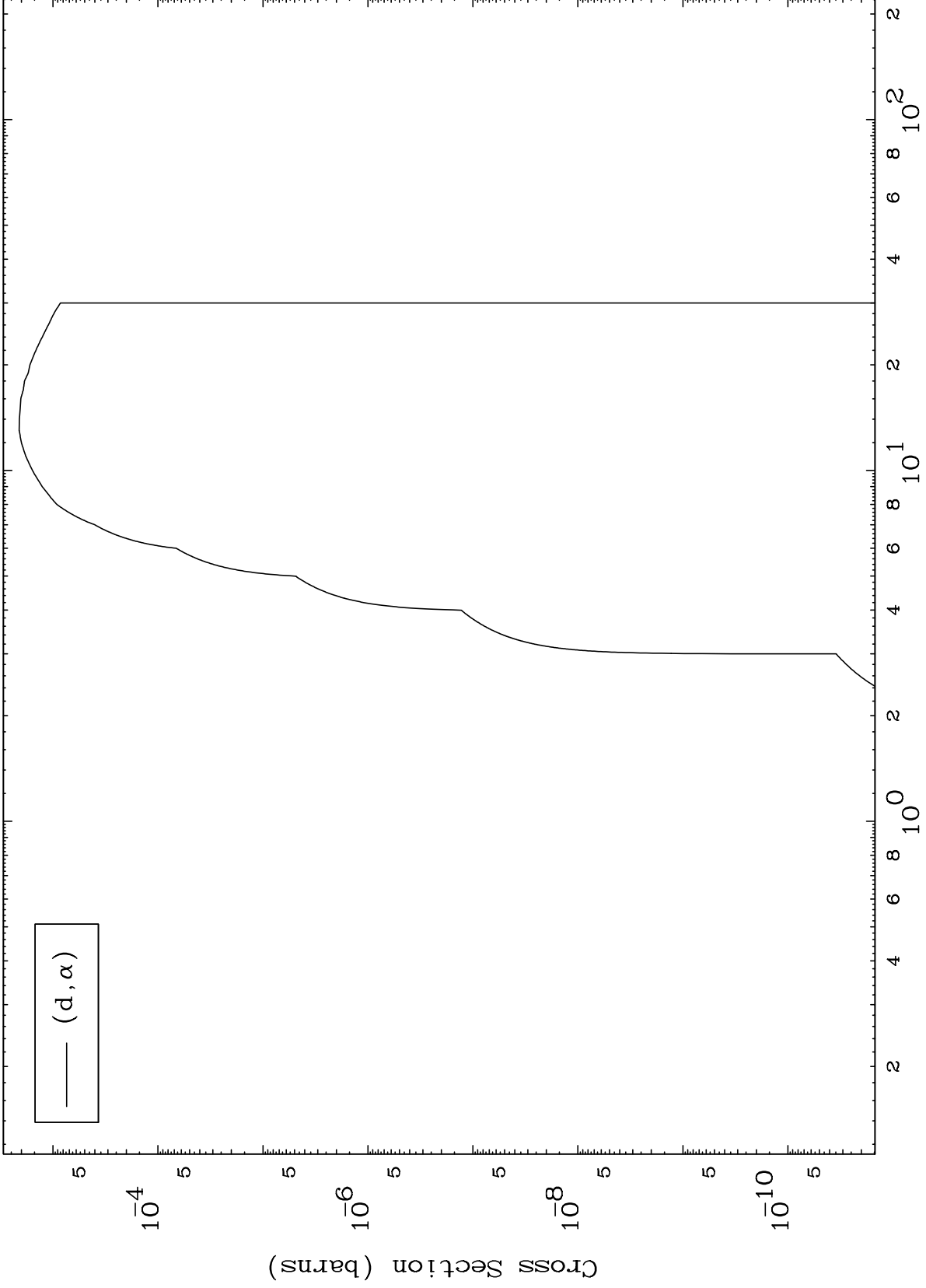
56-Ba-140

MAT 5655

(d,  $\alpha$ ) Levels

56-Ba-140

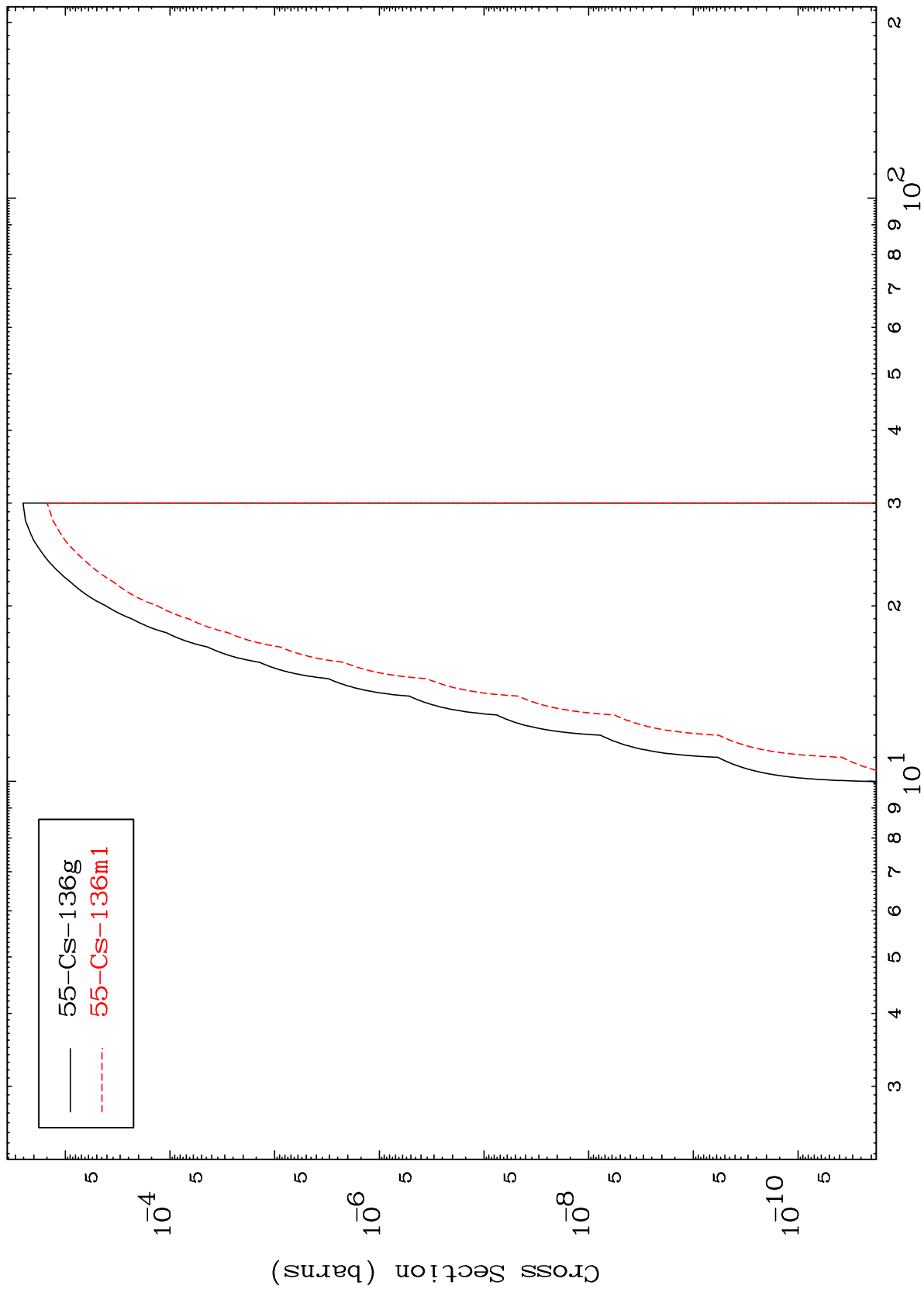
0 Kelvin Cross Sections



MAT 5655

56-Ba-140

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



12

56-Ba-140

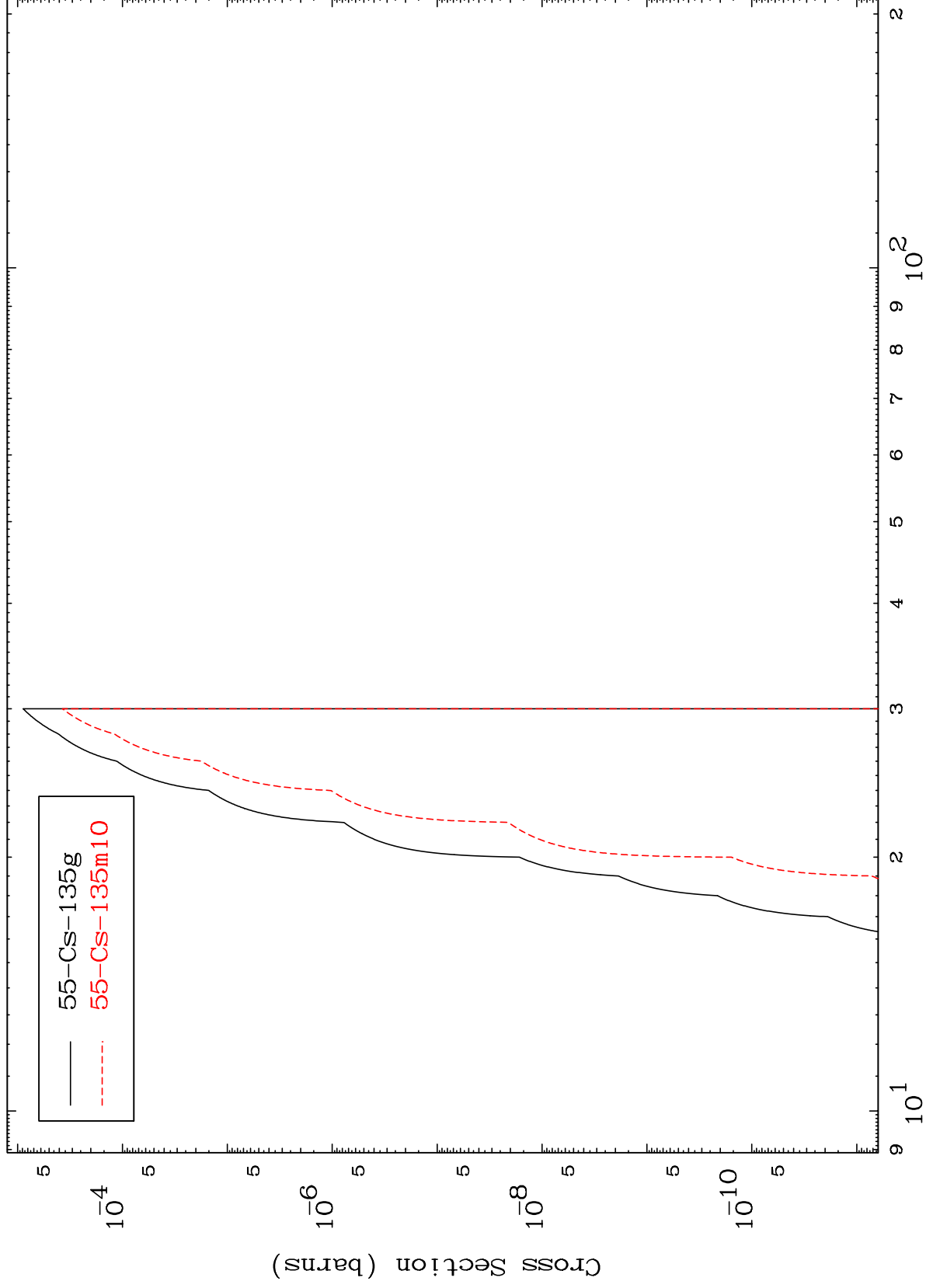
Incident Energy (MeV)

MAT 5655

(d,3n)  $\alpha$

56-Ba-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

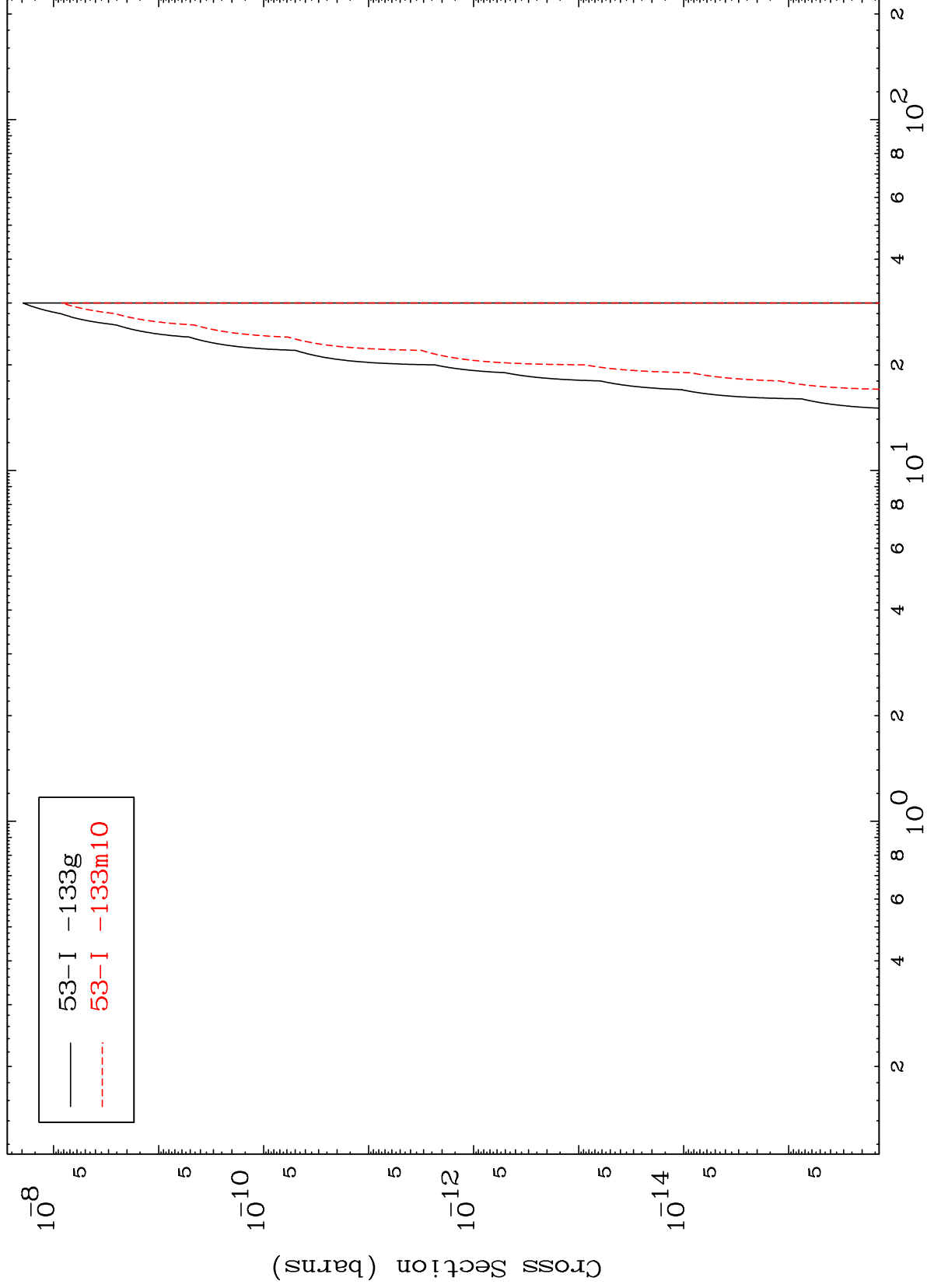
56-Ba-140

MAT 5655

(d,n') 2 $\alpha$

56-Ba-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

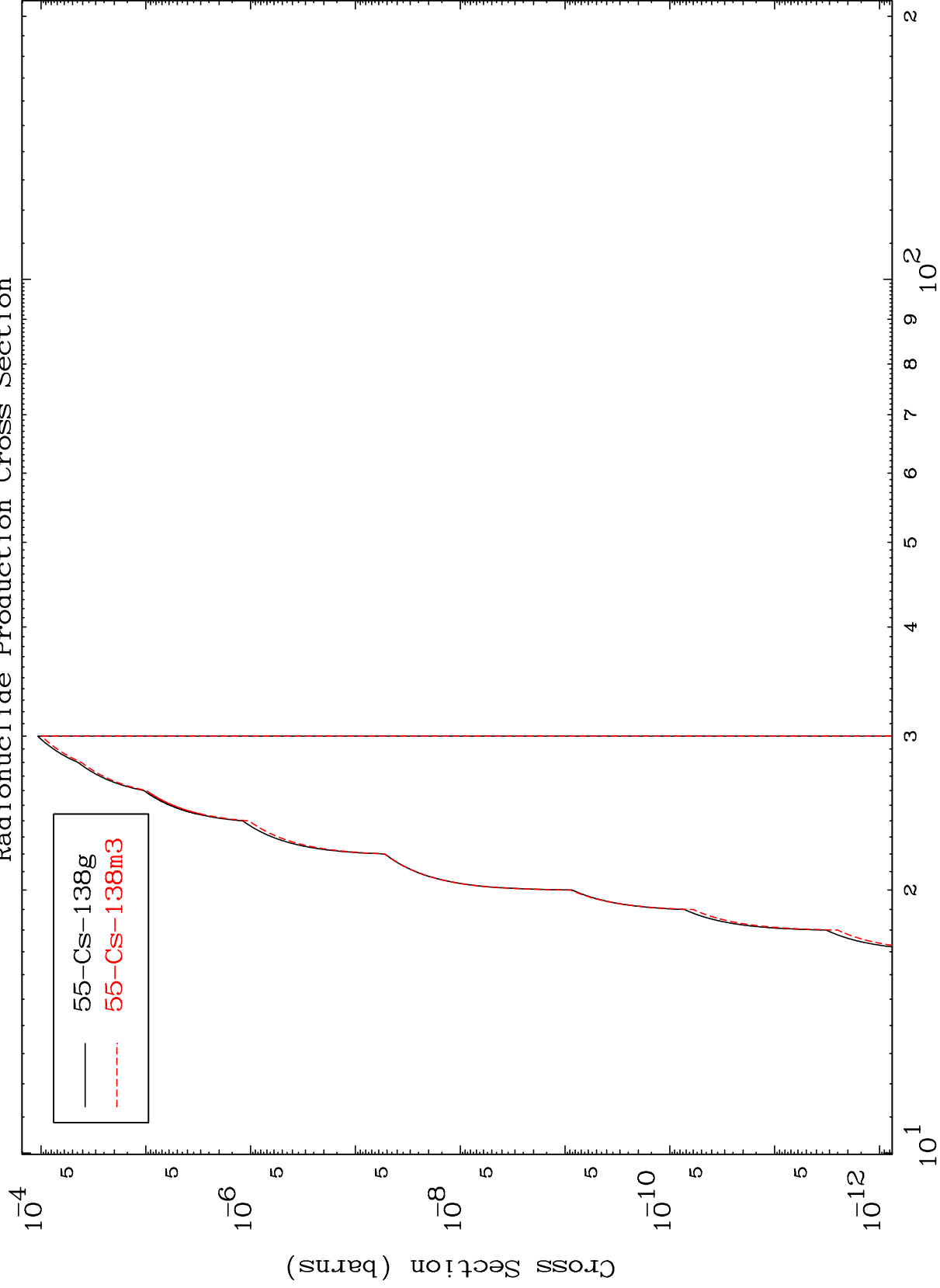
56-Ba-140

MAT 5655

(d,n') He-3

56-Ba-140

Radionuclide Production Cross Section



Incident Energy (MeV)

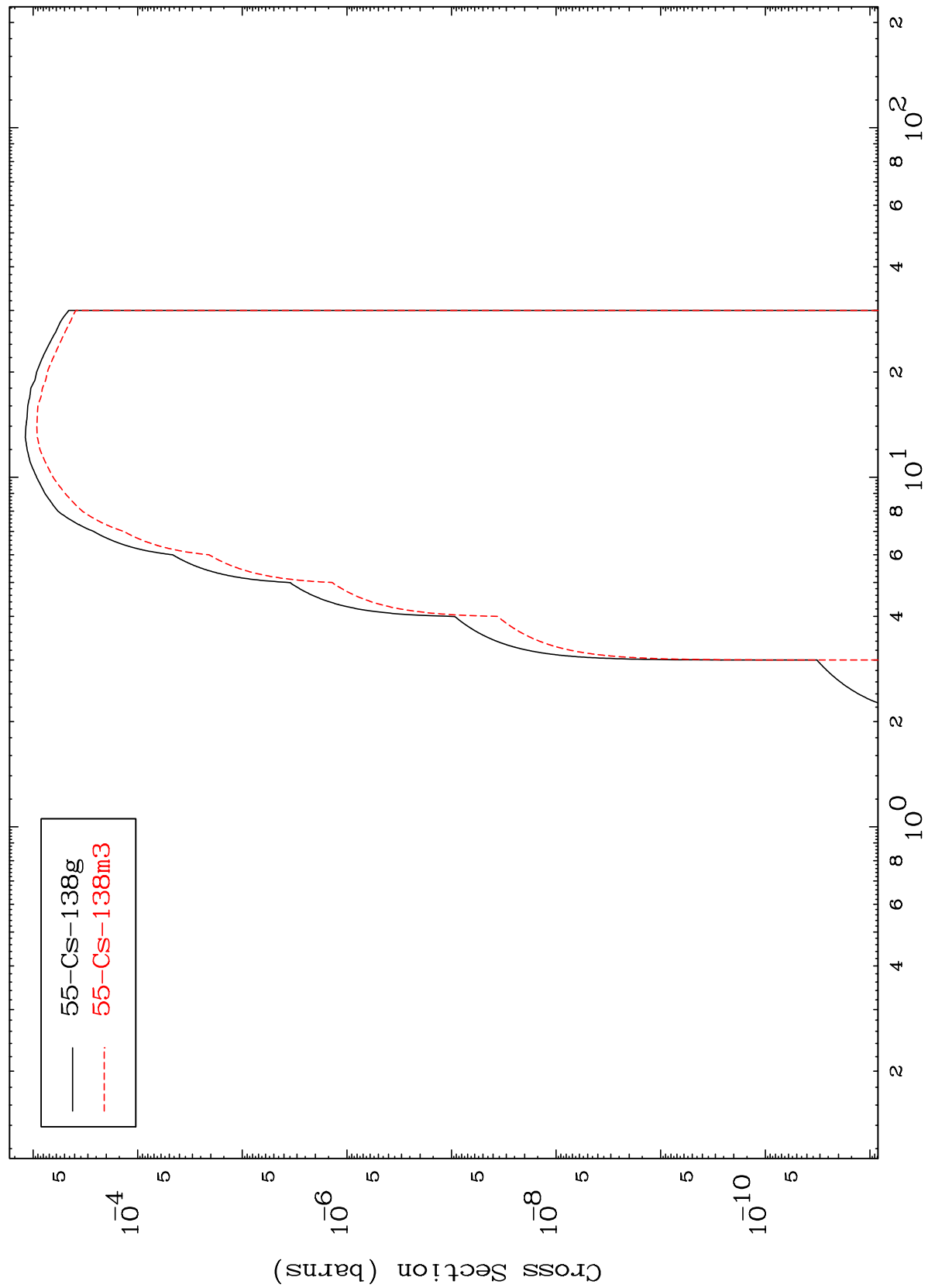
56-Ba-140



MAT 5655

56-Ba-140

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



56-Ba-140

Incident Energy (MeV)

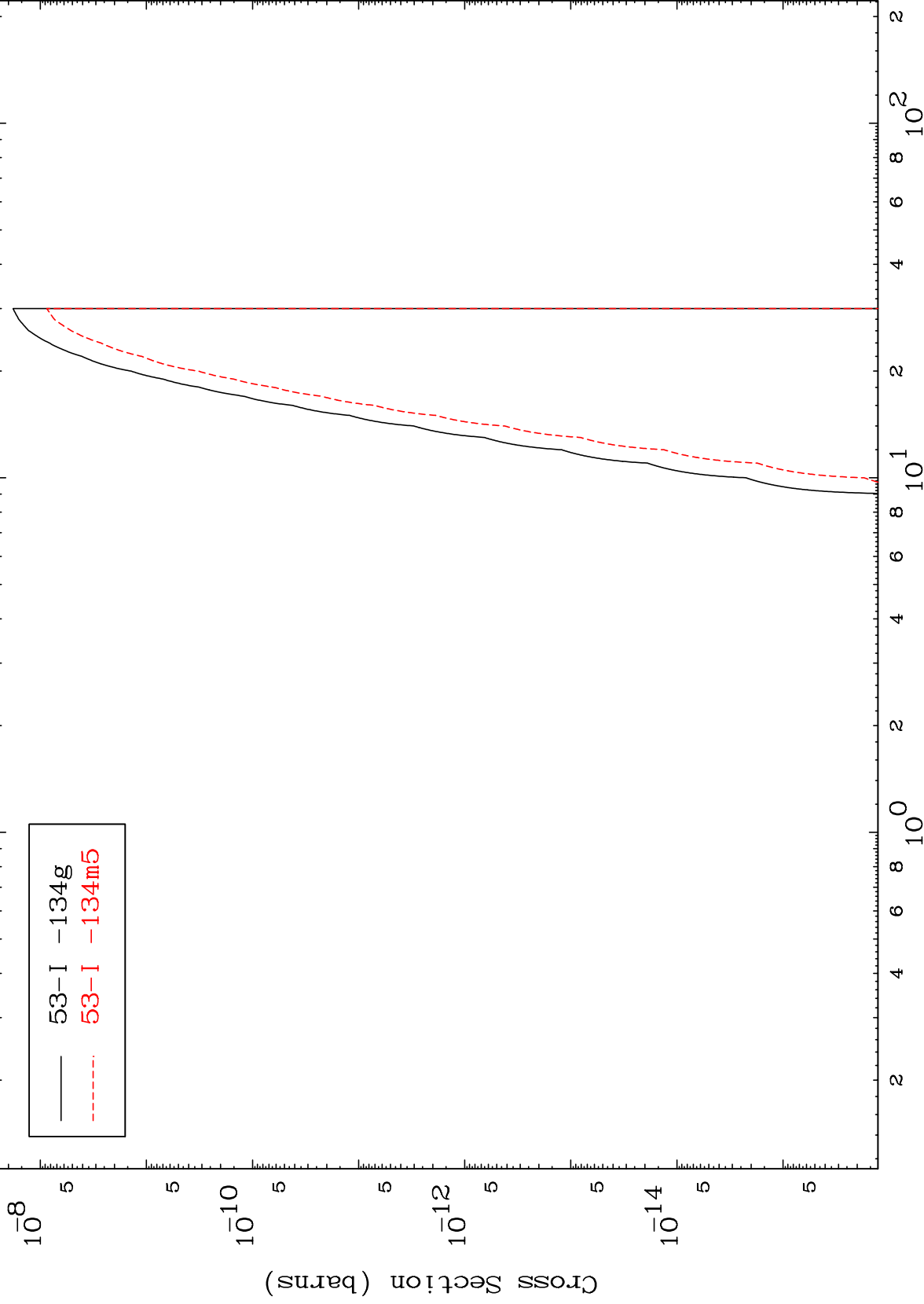
16

MAT 5655

(d,2 $\alpha$ )

56-Ba-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

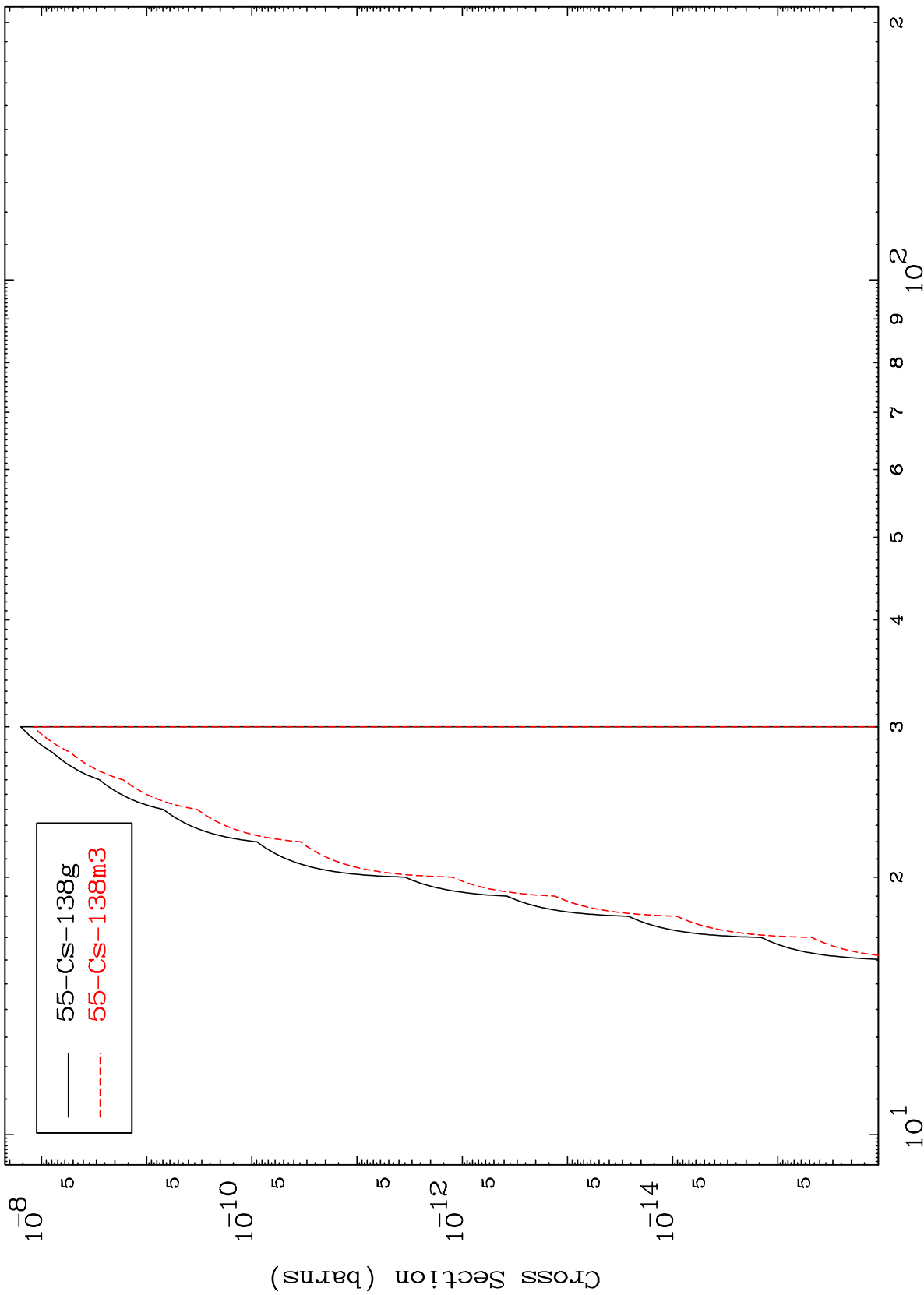
56-Ba-140

MAT 5655

(d,p) t

56-Ba-140

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-140