

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

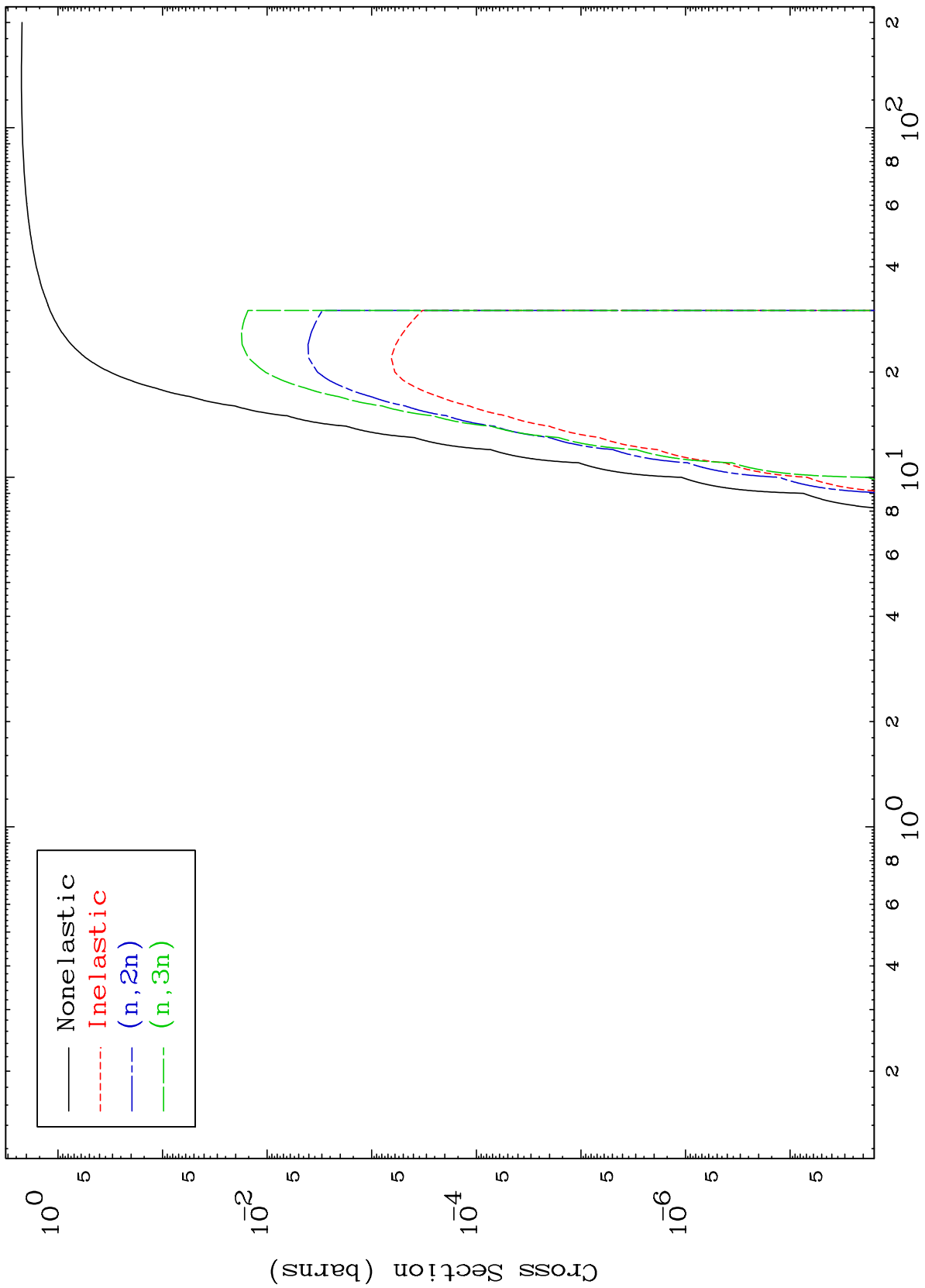
Press Mouse Button to Start

MAT 6655

He-3 Major

66-Dy-166

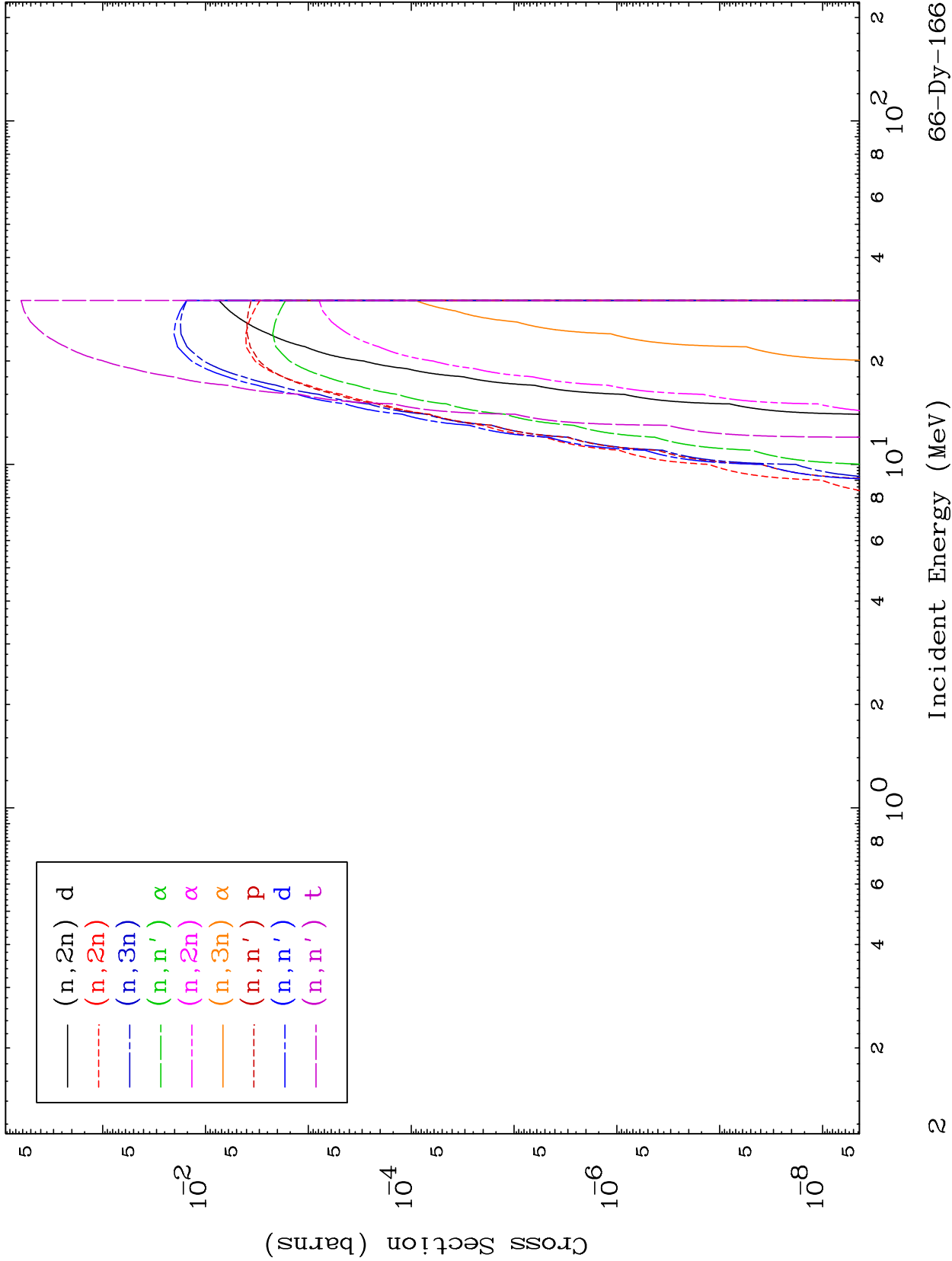
0 Kelvin Cross Sections



MAT 6655

He-3 Neutron Absorption
0 Kelvin Cross Sections

66-Dy-166



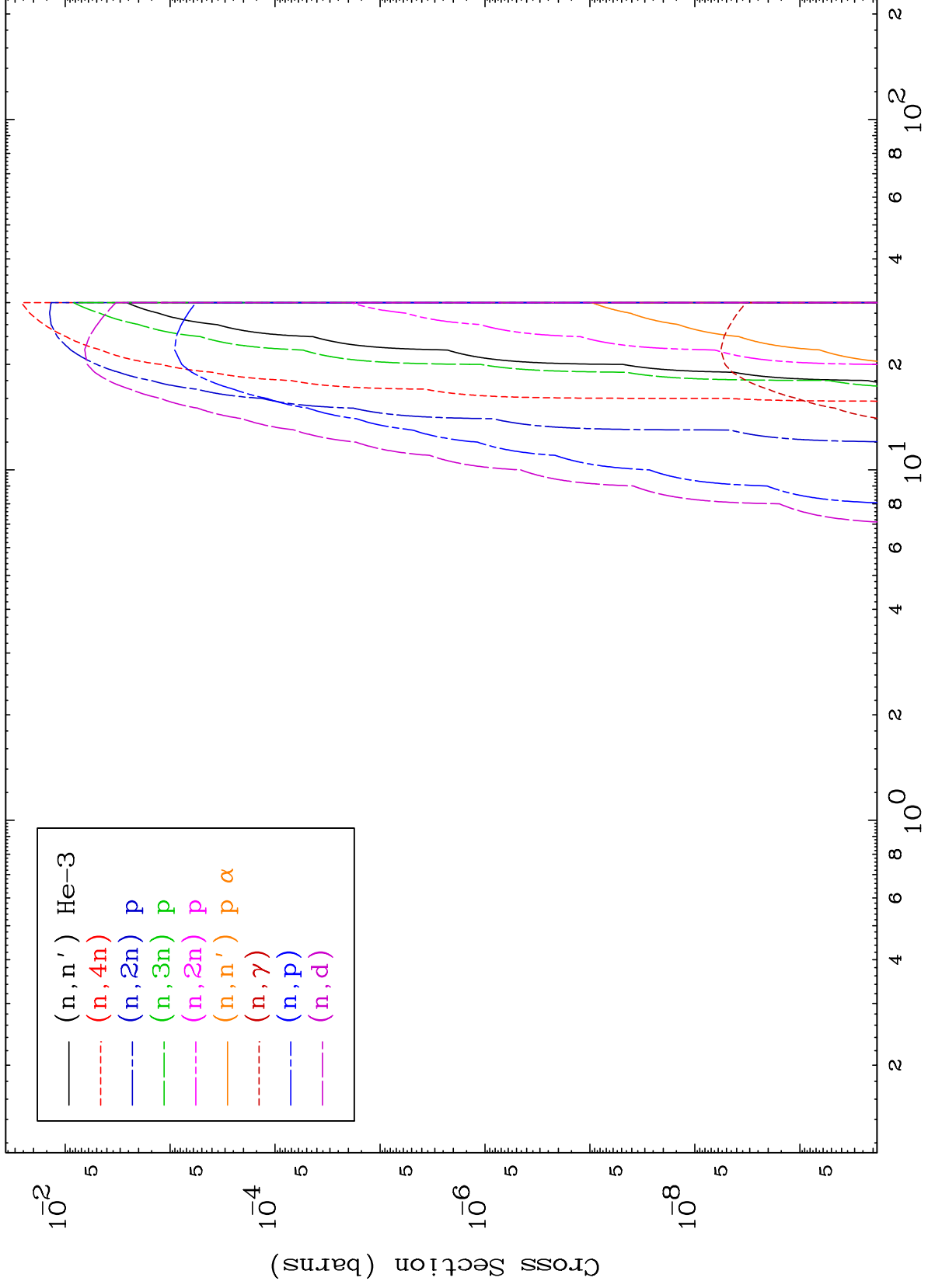
66-Dy-166

Incident Energy (MeV)

MAT 6655

He-3 Neutron Absorption
0 Kelvin Cross Sections

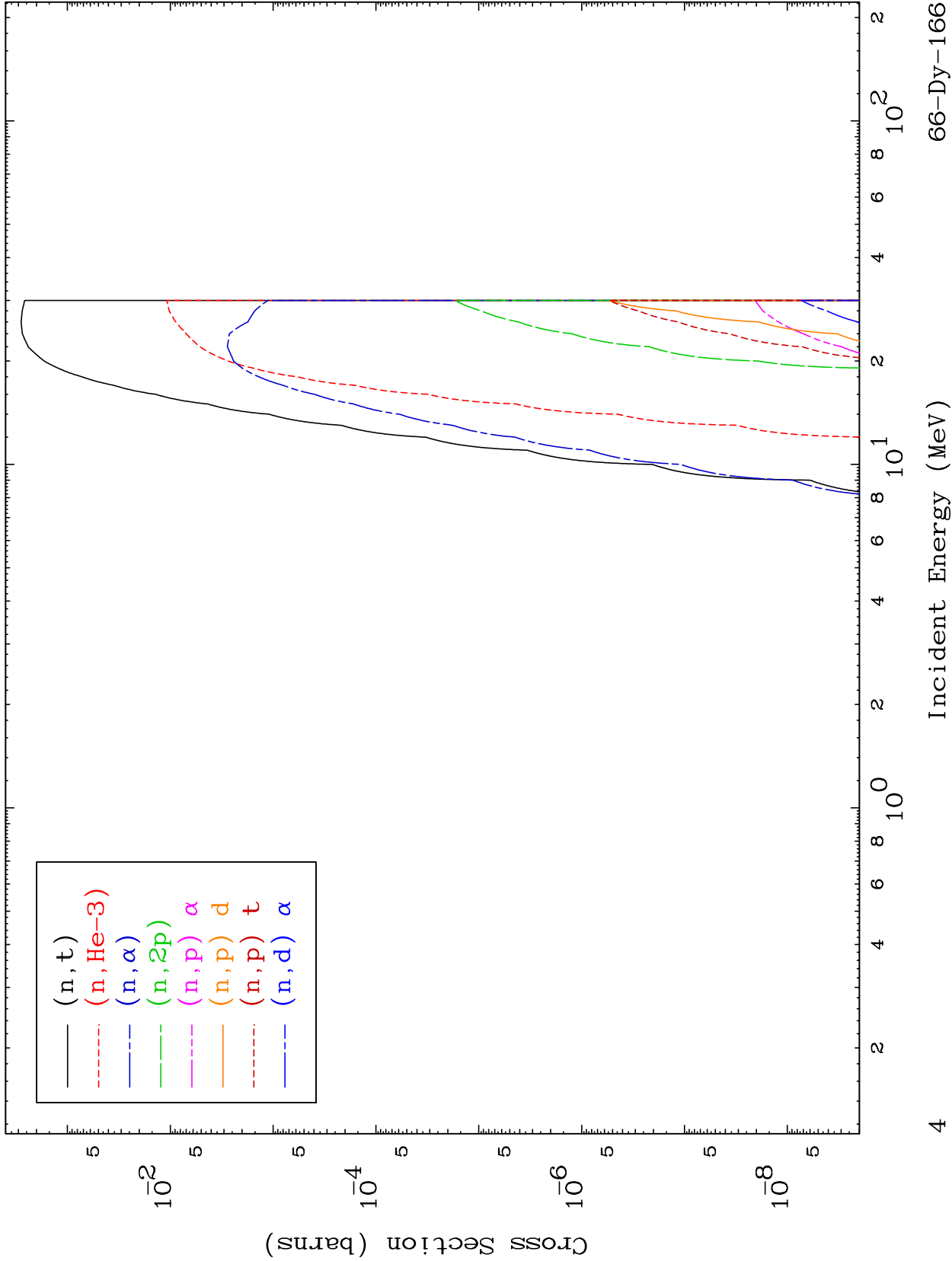
66-Dy-166



MAT 6655

He-3 Neutron Absorption
0 Kelvin Cross Sections

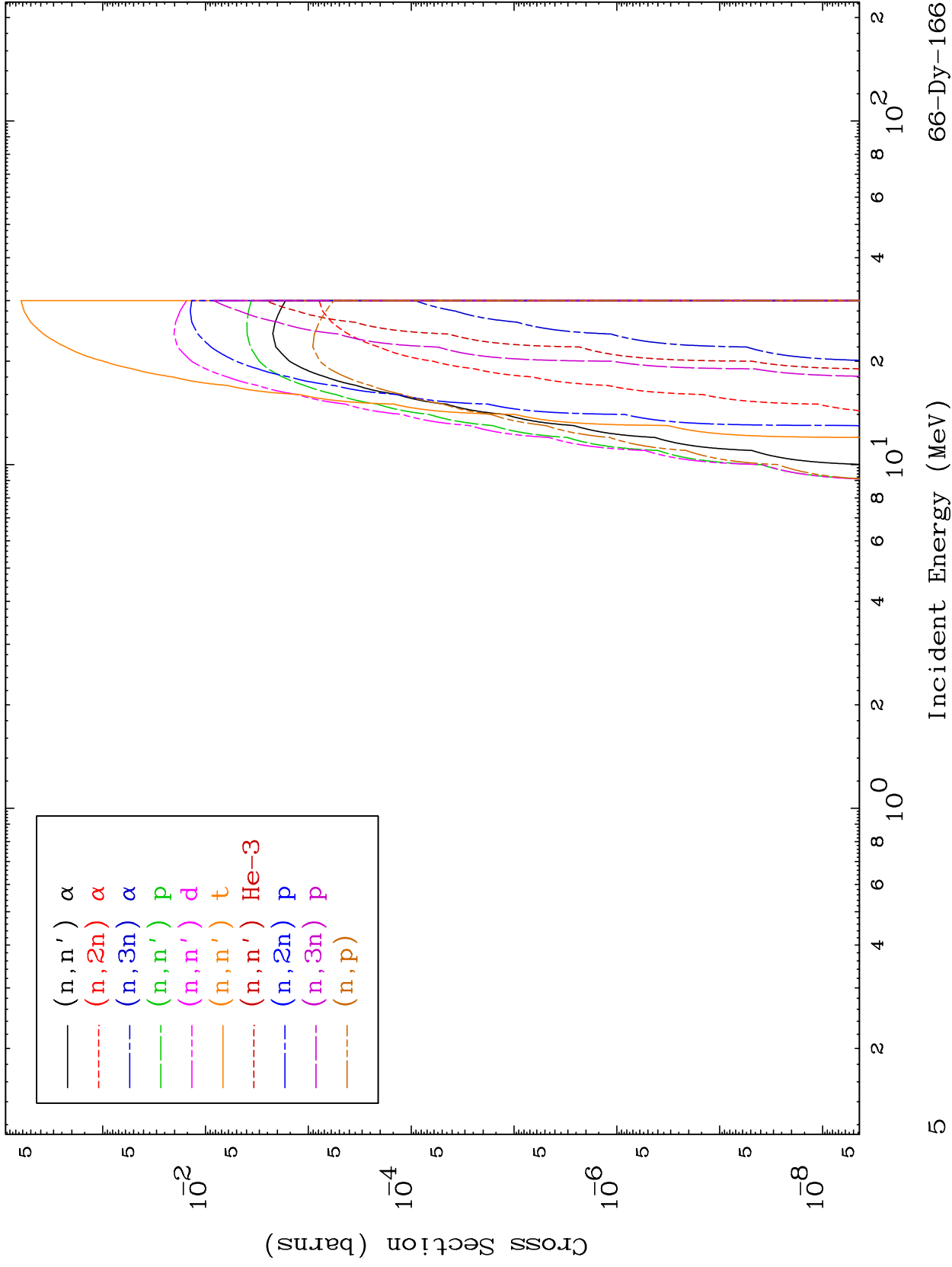
66-Dy-166



MAT 6655

He-3 Charged Particle
0 Kelvin Cross Sections

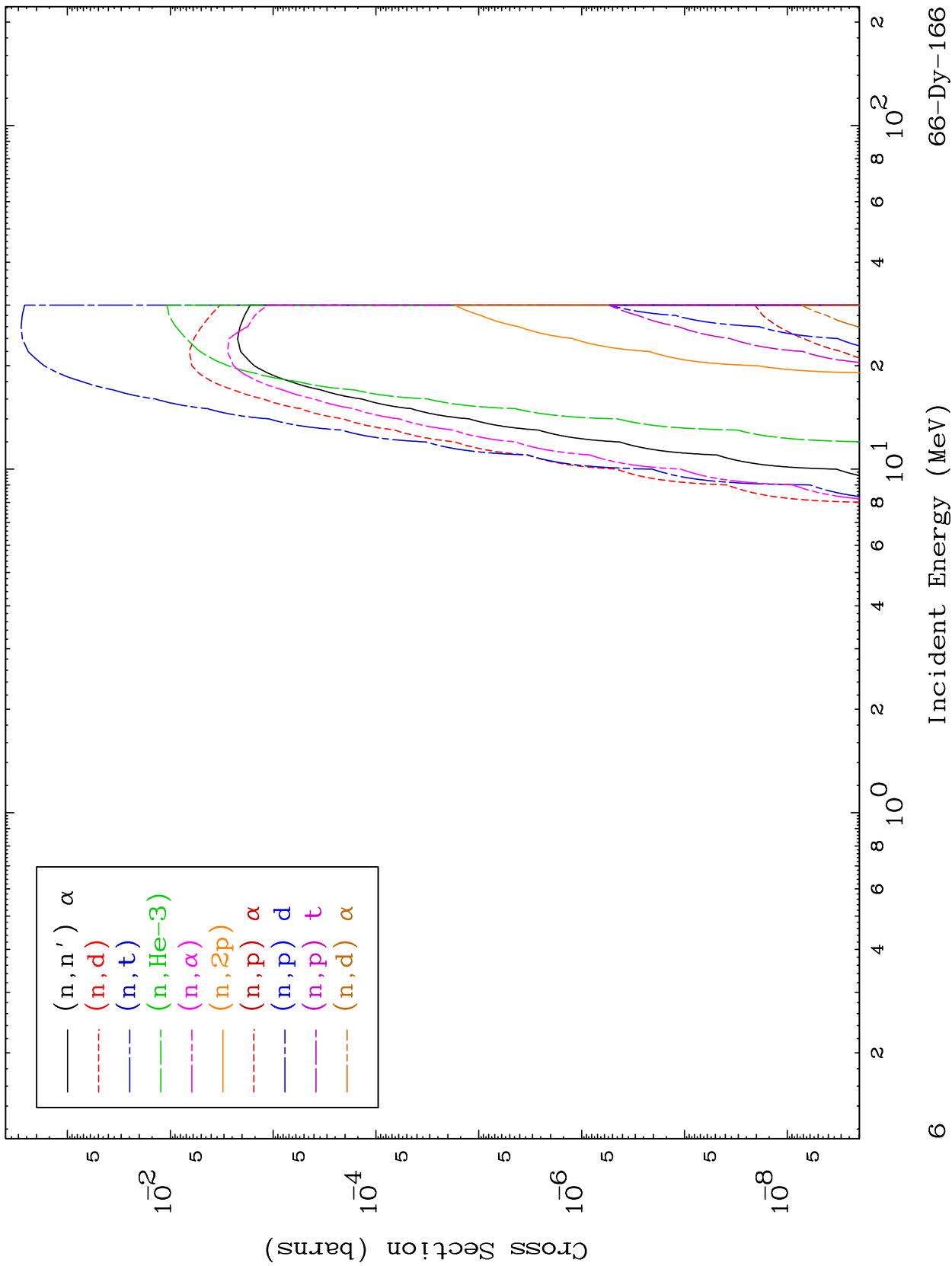
66-Dy-166



MAT 6655

He-3 Charged Particle
0 Kelvin Cross Sections

66-Dy-166

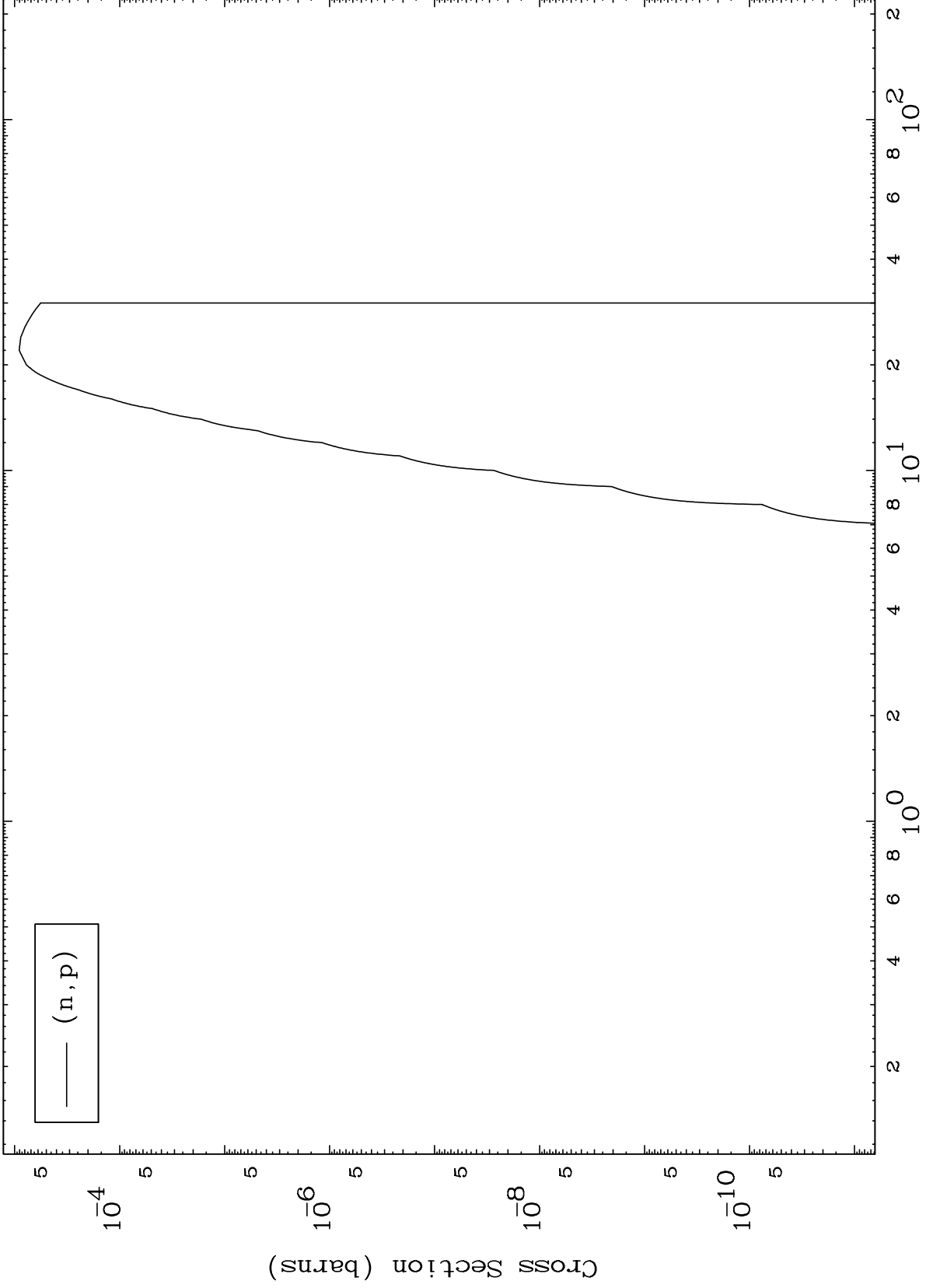


MAT 6655

(He-3,p) Levels

66-Dy-166

0 Kelvin Cross Sections

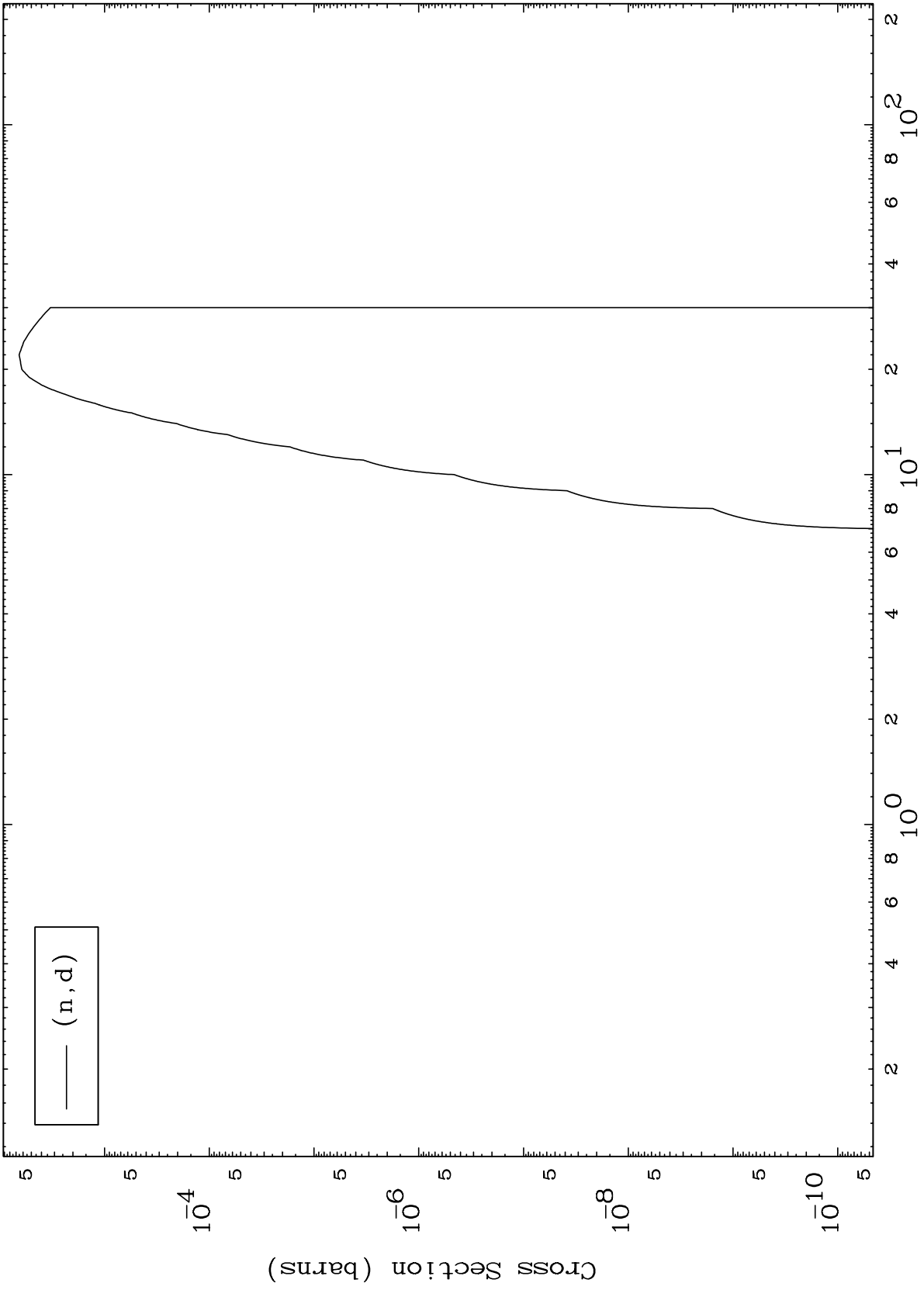


MAT 6655

(He-3,d) Levels

66-Dy-166

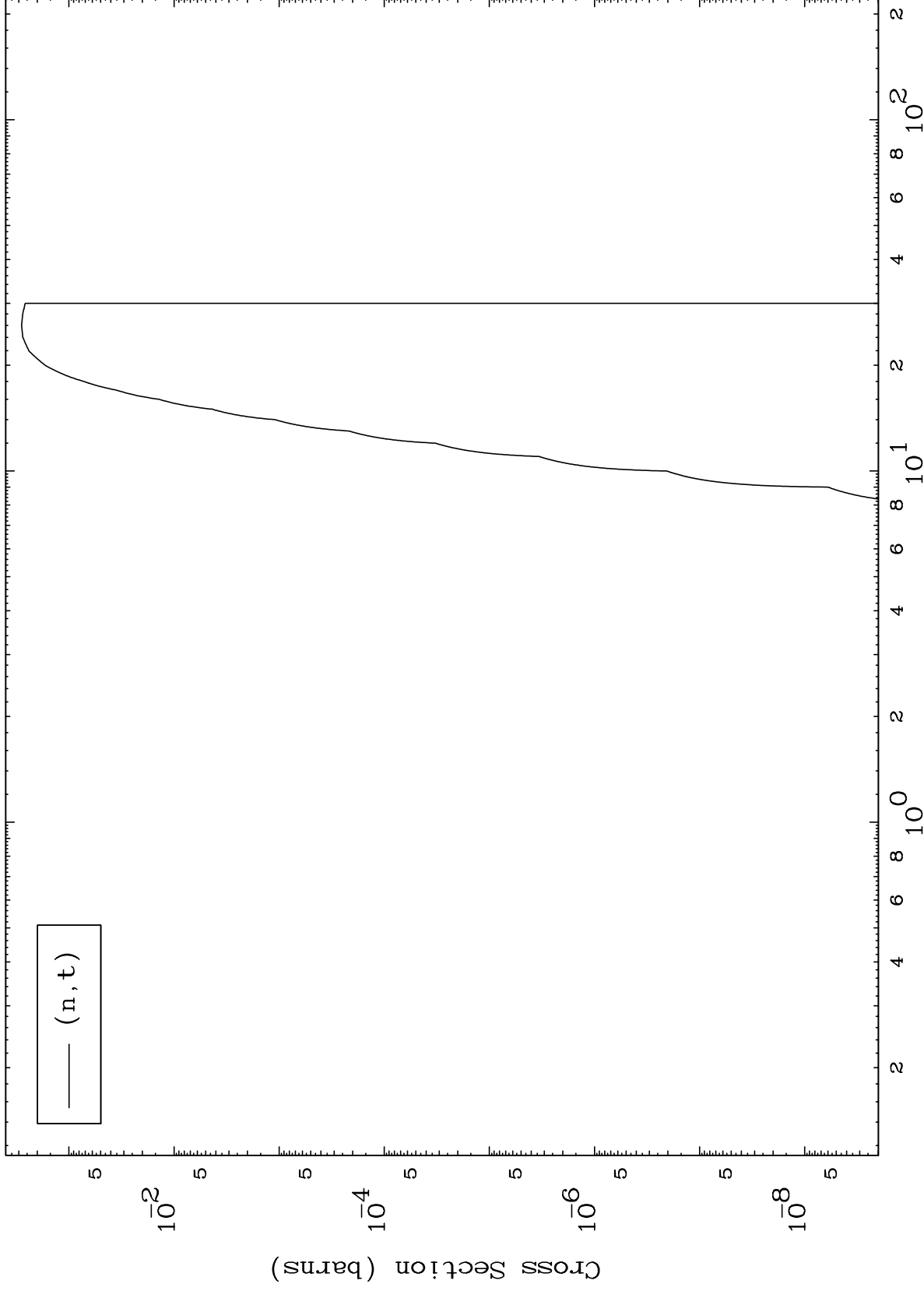
0 Kelvin Cross Sections



MAT 6655

(He-3,t) Levels
0 Kelvin Cross Sections

66-Dy-166

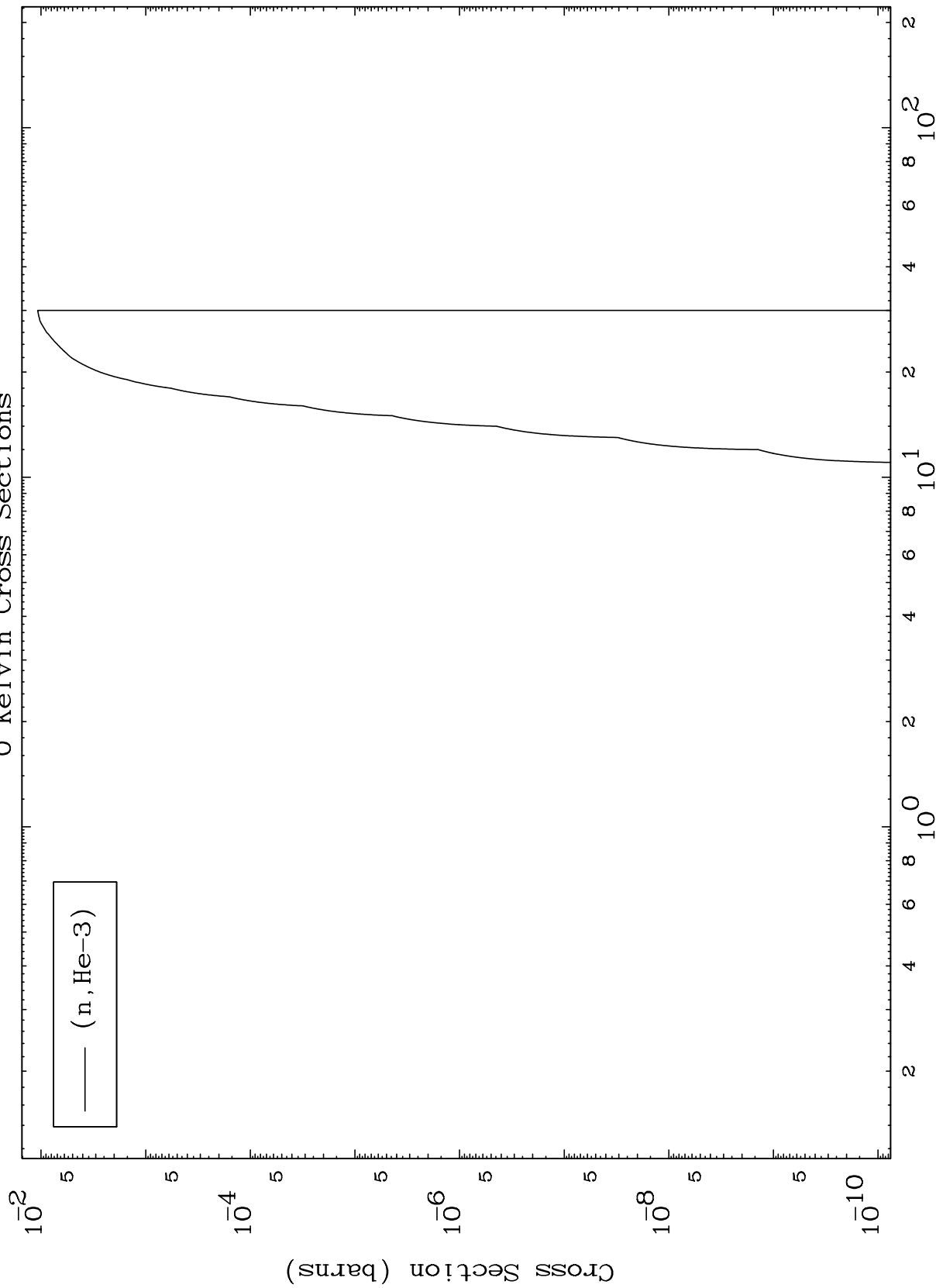


MAT 6655

(He-3, He3) Levels

66-Dy-166

0 Kelvin Cross Sections



10

Incident Energy (MeV)

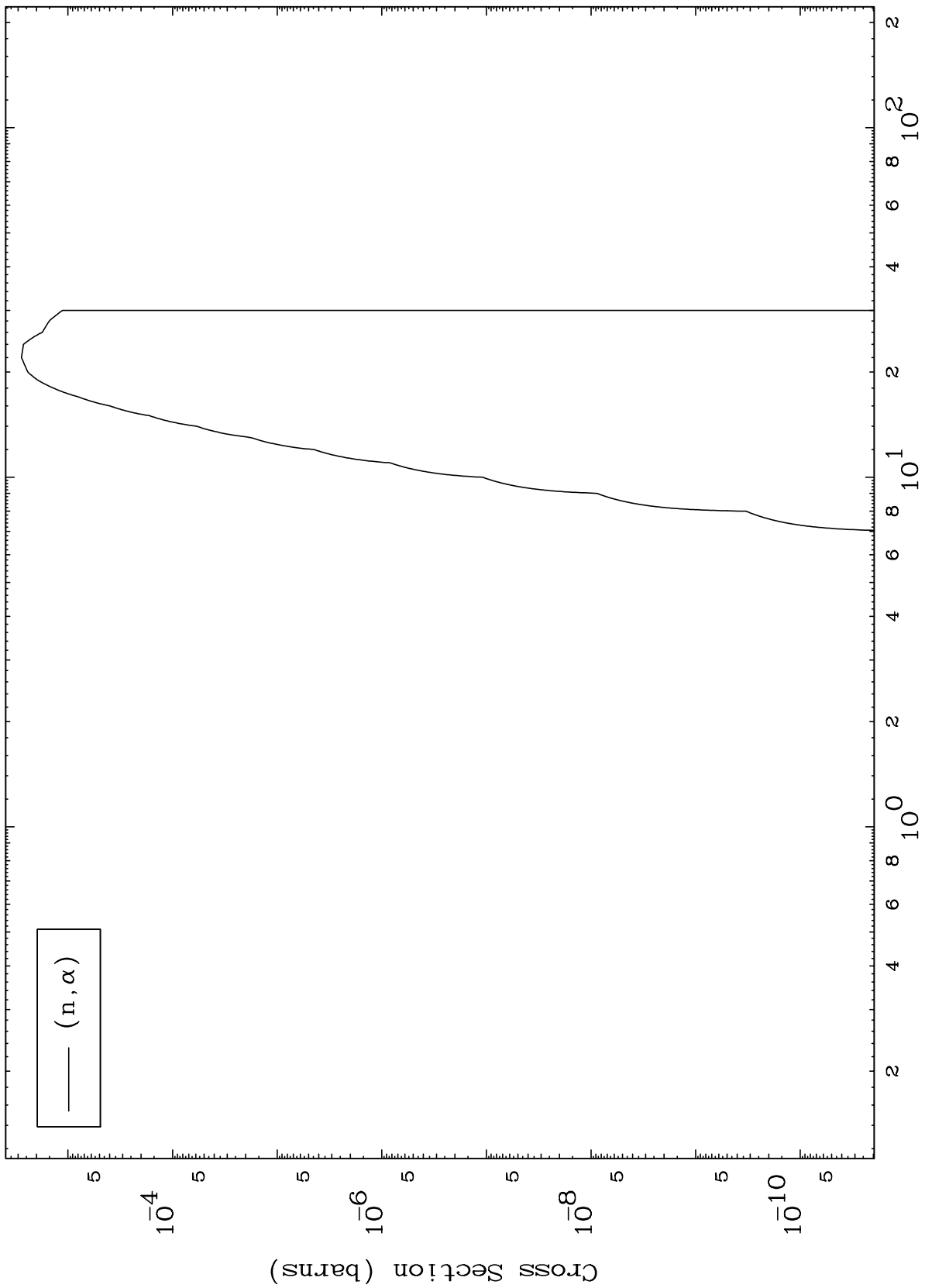
66-Dy-166

MAT 6655

(He-3, α) Levels

66-Dy-166

0 Kelvin Cross Sections

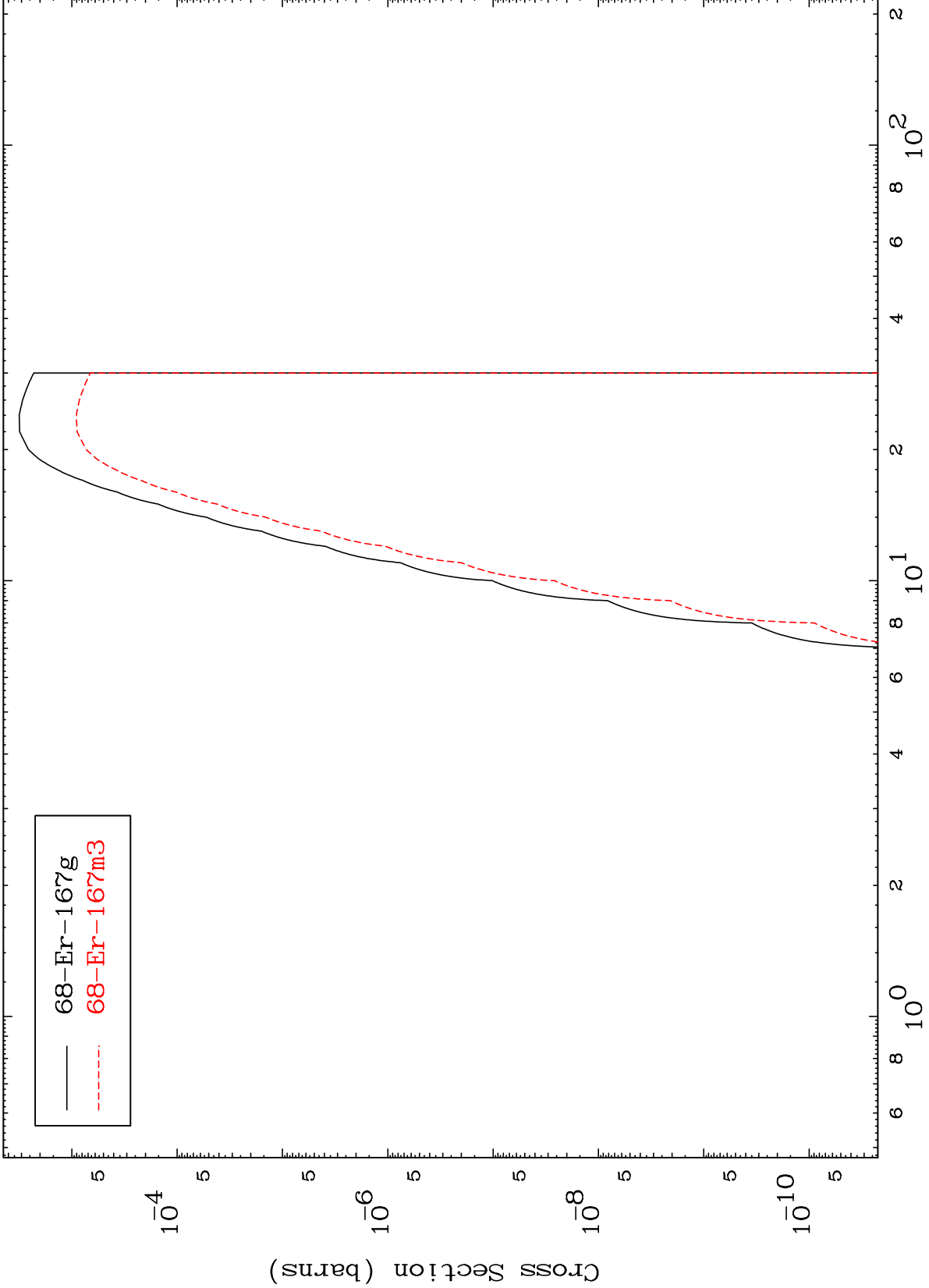


MAT 6655

(n,2n)

66-Dy-166

Radionuclide Production Cross Section



68-Er-167g
68-Er-167m3

12

Incident Energy (MeV)

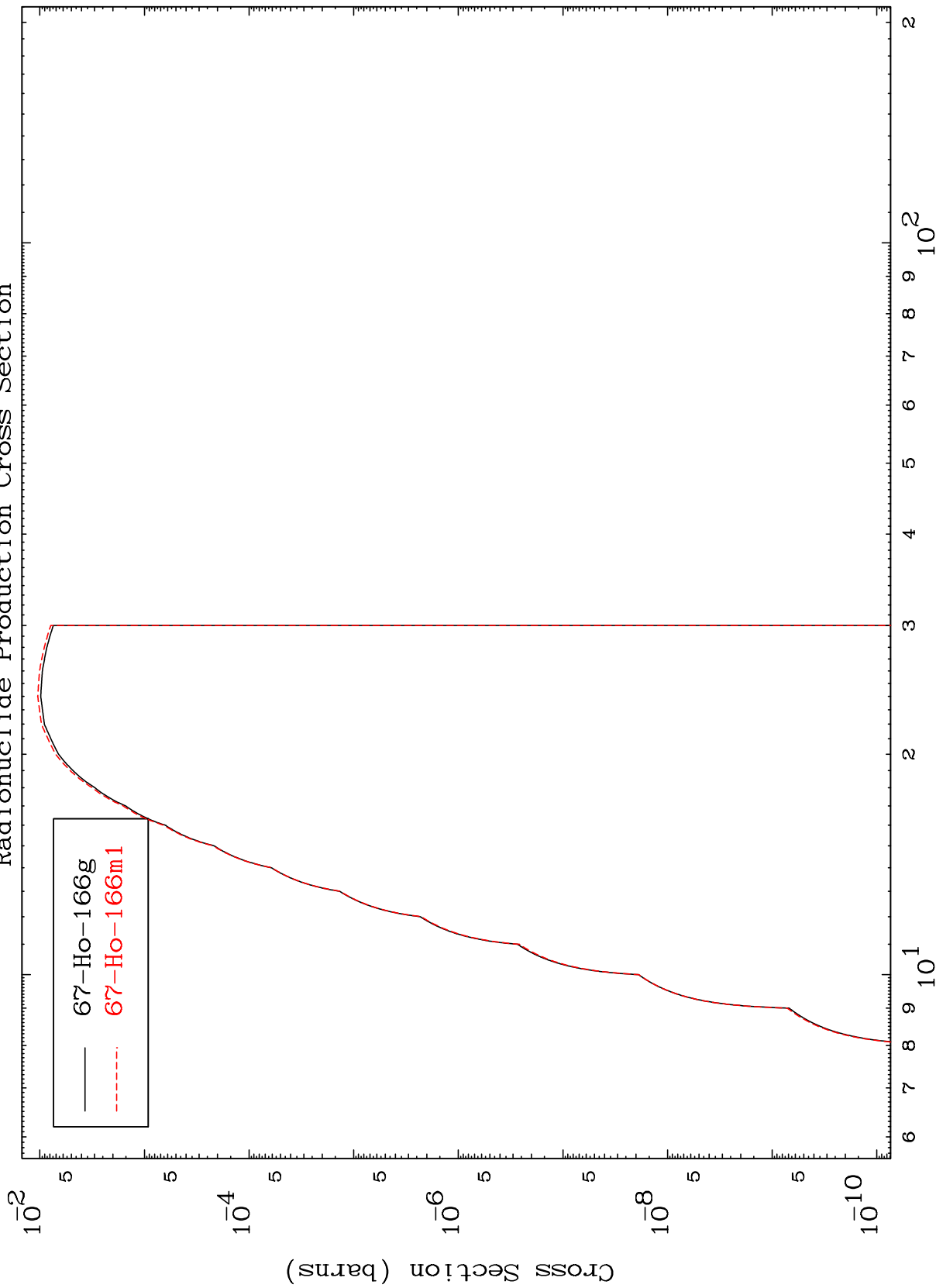
66-Dy-166

MAT 6655

(n,n') d

66-Dy-166

Radionuclide Production Cross Section



13

Incident Energy (MeV)

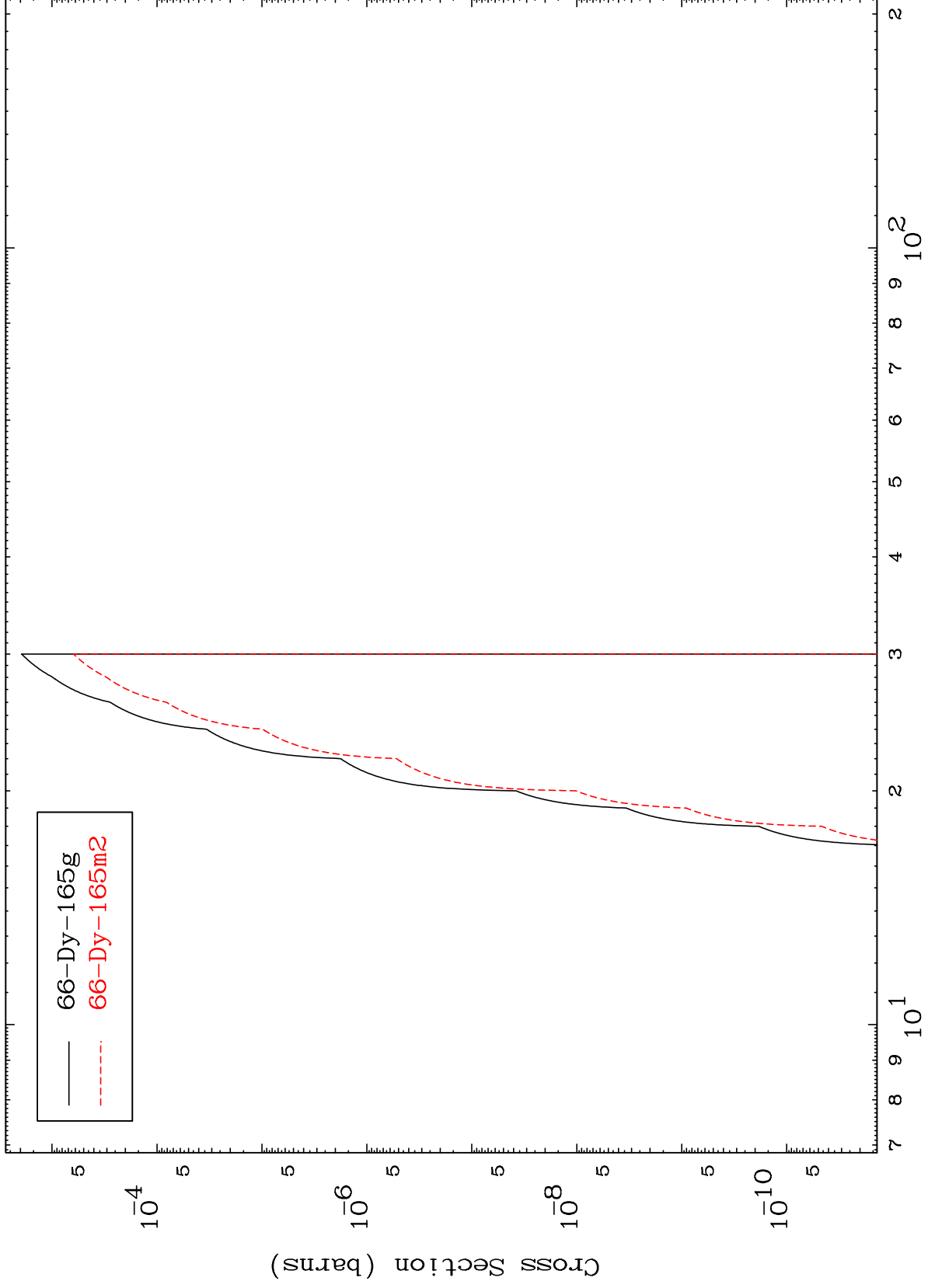
66-Dy-166

MAT 6655

(n,n') He-3

66-Dy-166

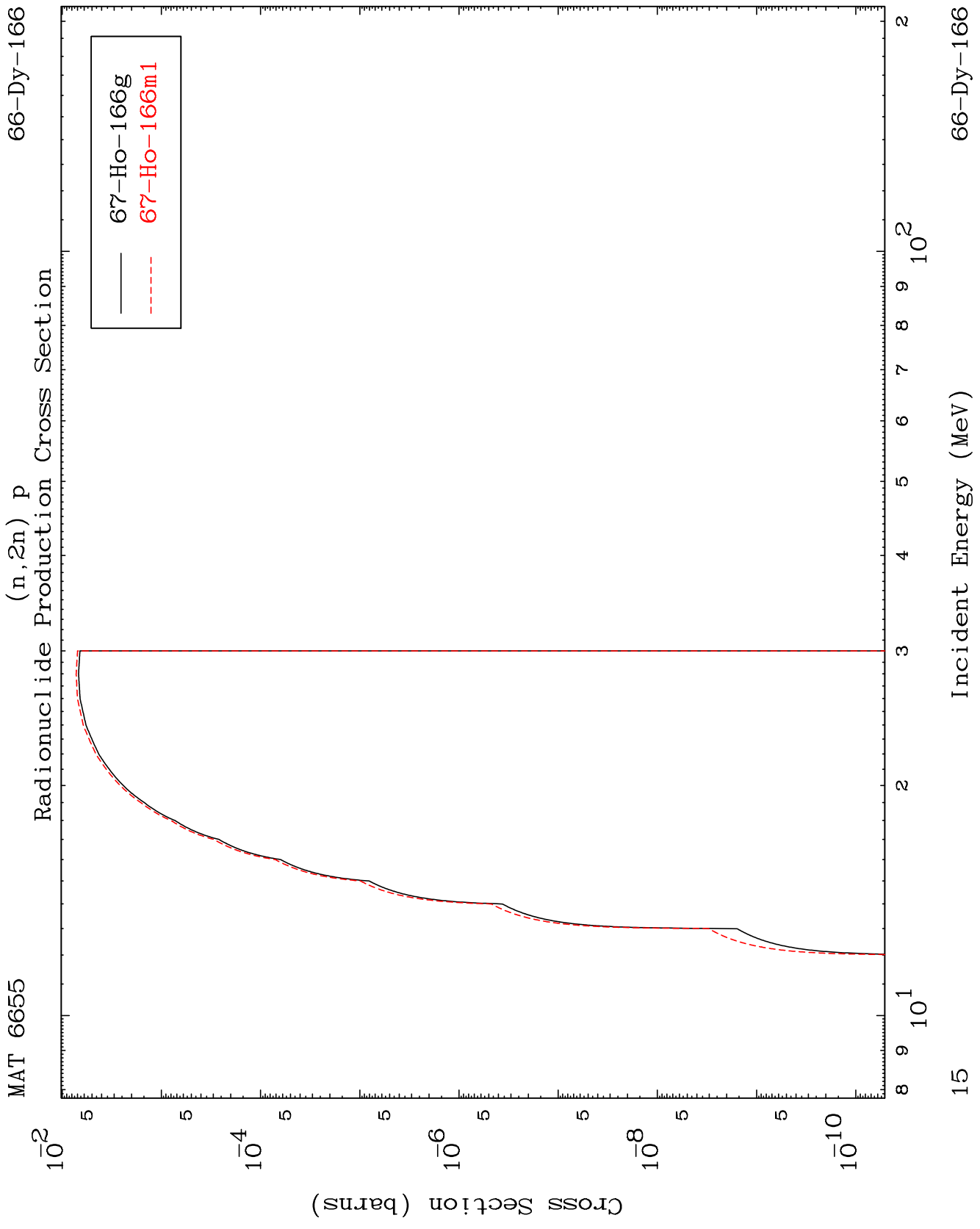
Radionuclide Production Cross Section



14

Incident Energy (MeV)

66-Dy-166



10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

Cross Section (barns)

8 9 10¹

2

4

6

8

10²

— 67-Ho-166g
 - - - 67-Ho-166m1

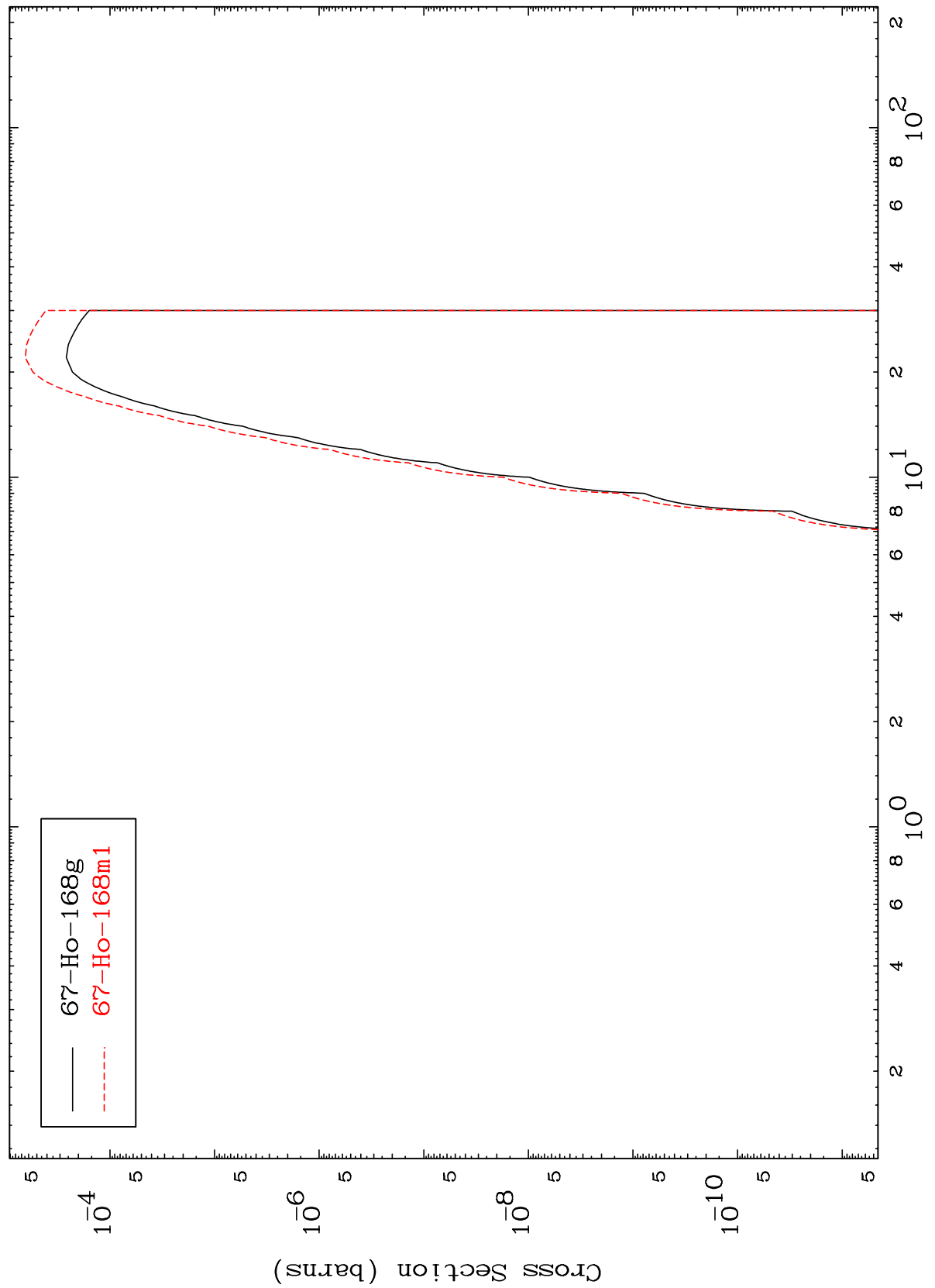
Incident Energy (MeV)

15

MAT 6655

66-Dy-166

(n,p)
Radionuclide Production Cross Section



— 67-Ho-168g
- - - 67-Ho-168m1

16

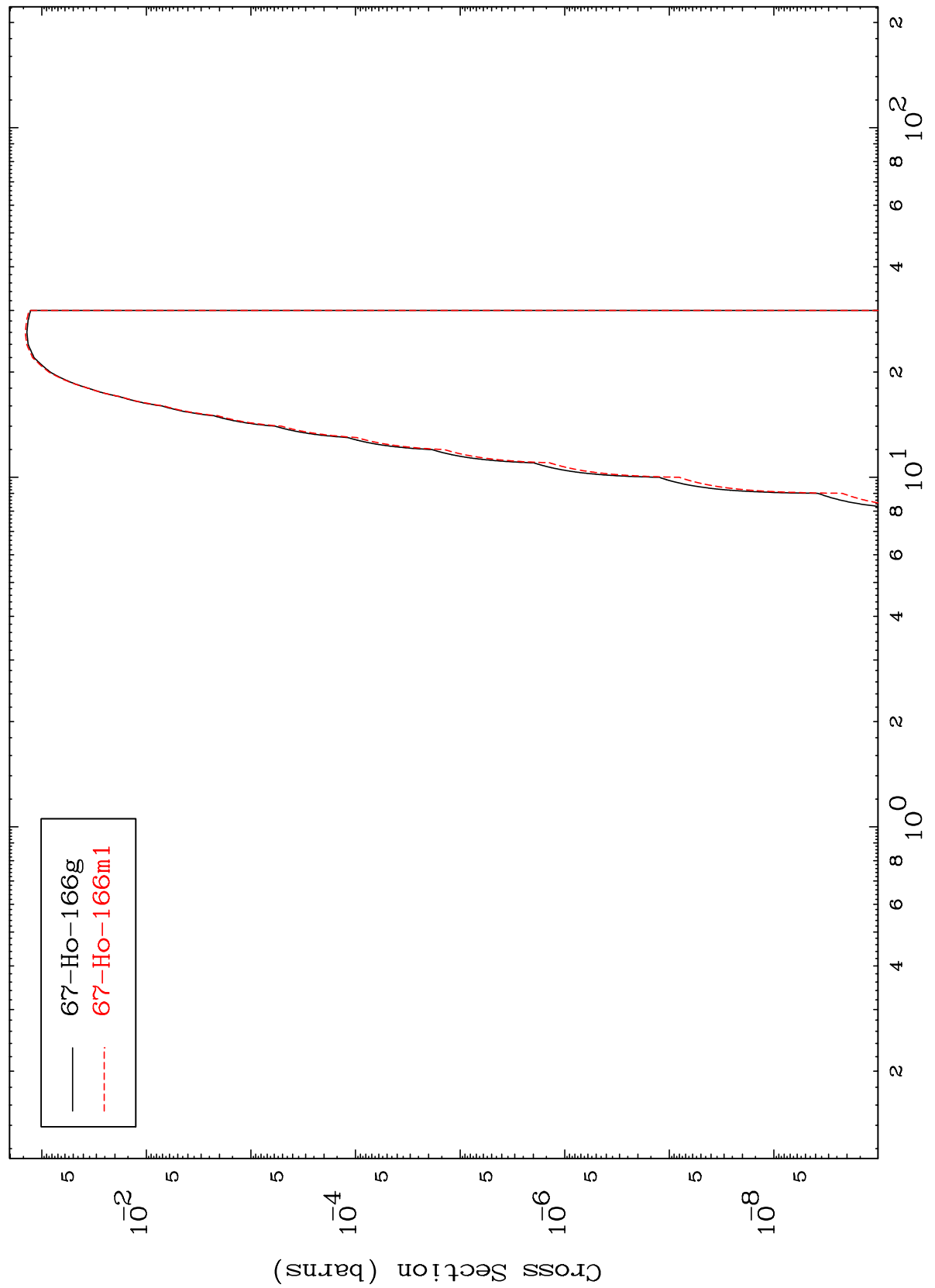
Incident Energy (MeV)

66-Dy-166

MAT 6655

66-Dy-166

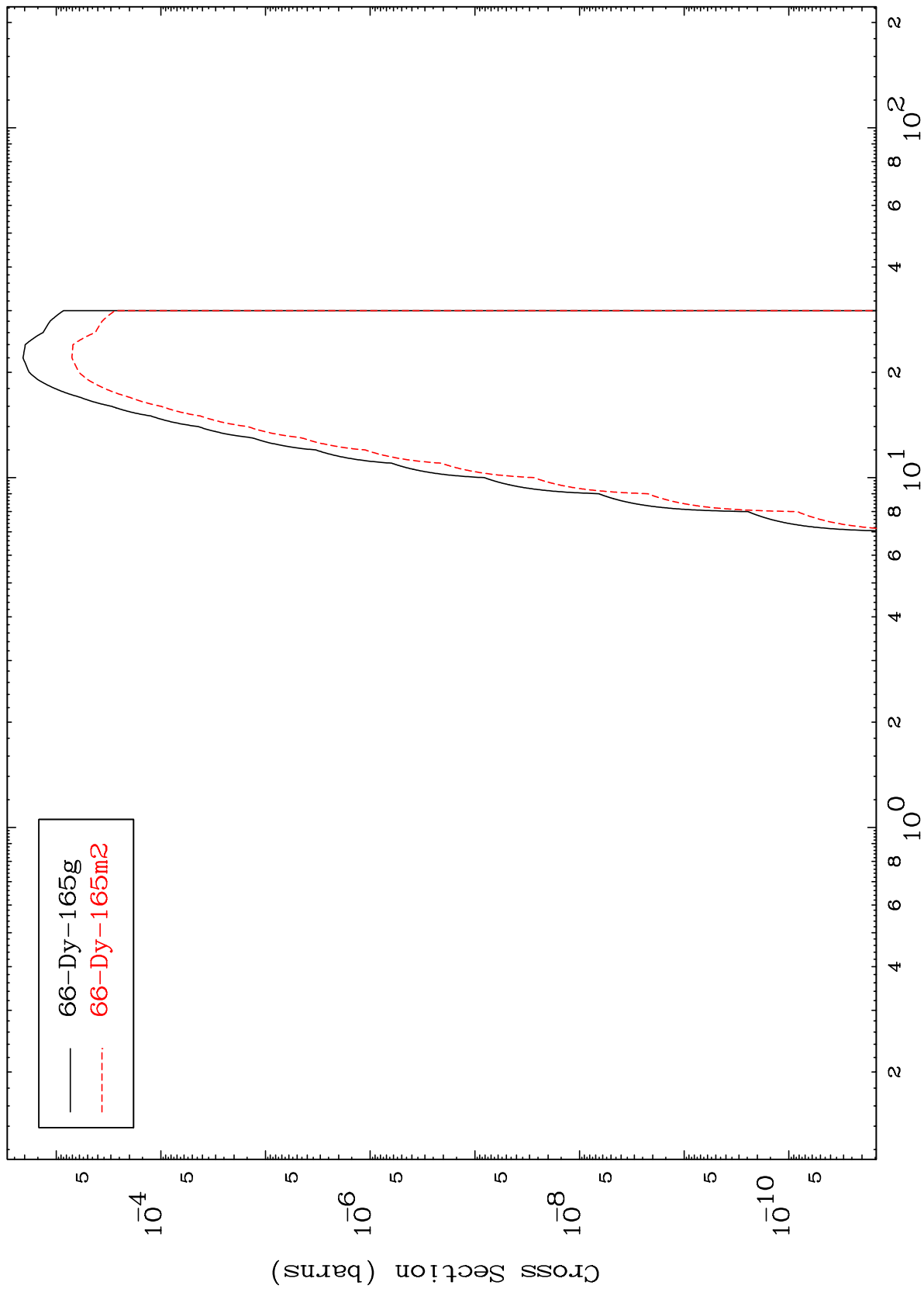
(n, t)
Radionuclide Production Cross Section



MAT 6655

66-Dy-166

Radionuclide Production Cross Section
(n, α)



66-Dy-166

Incident Energy (MeV)

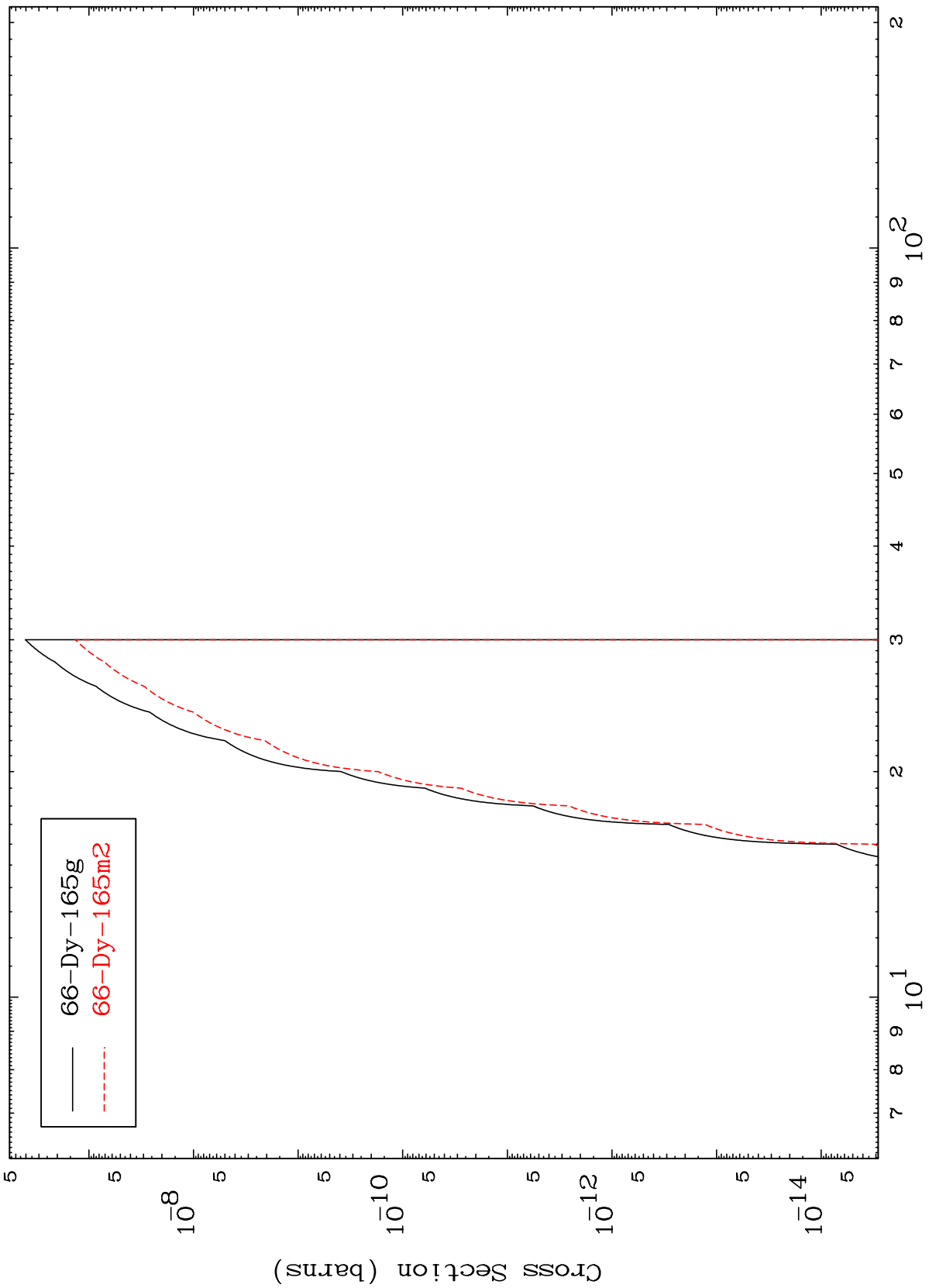
18

MAT 6655

(n,p) t

66-Dy-166

Radionuclide Production Cross Section



19

Incident Energy (MeV)

66-Dy-166