

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

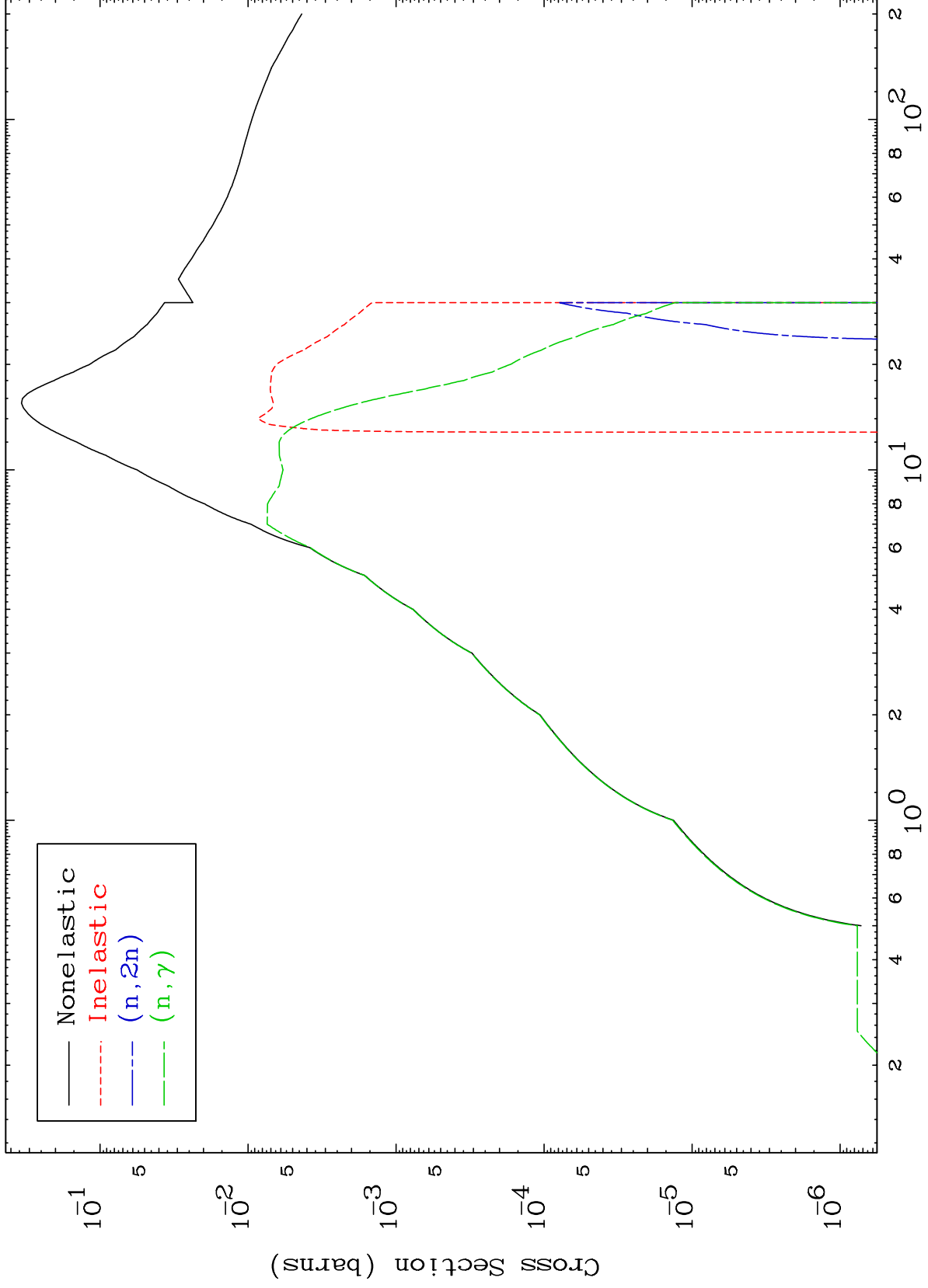
Press Mouse Button to Start

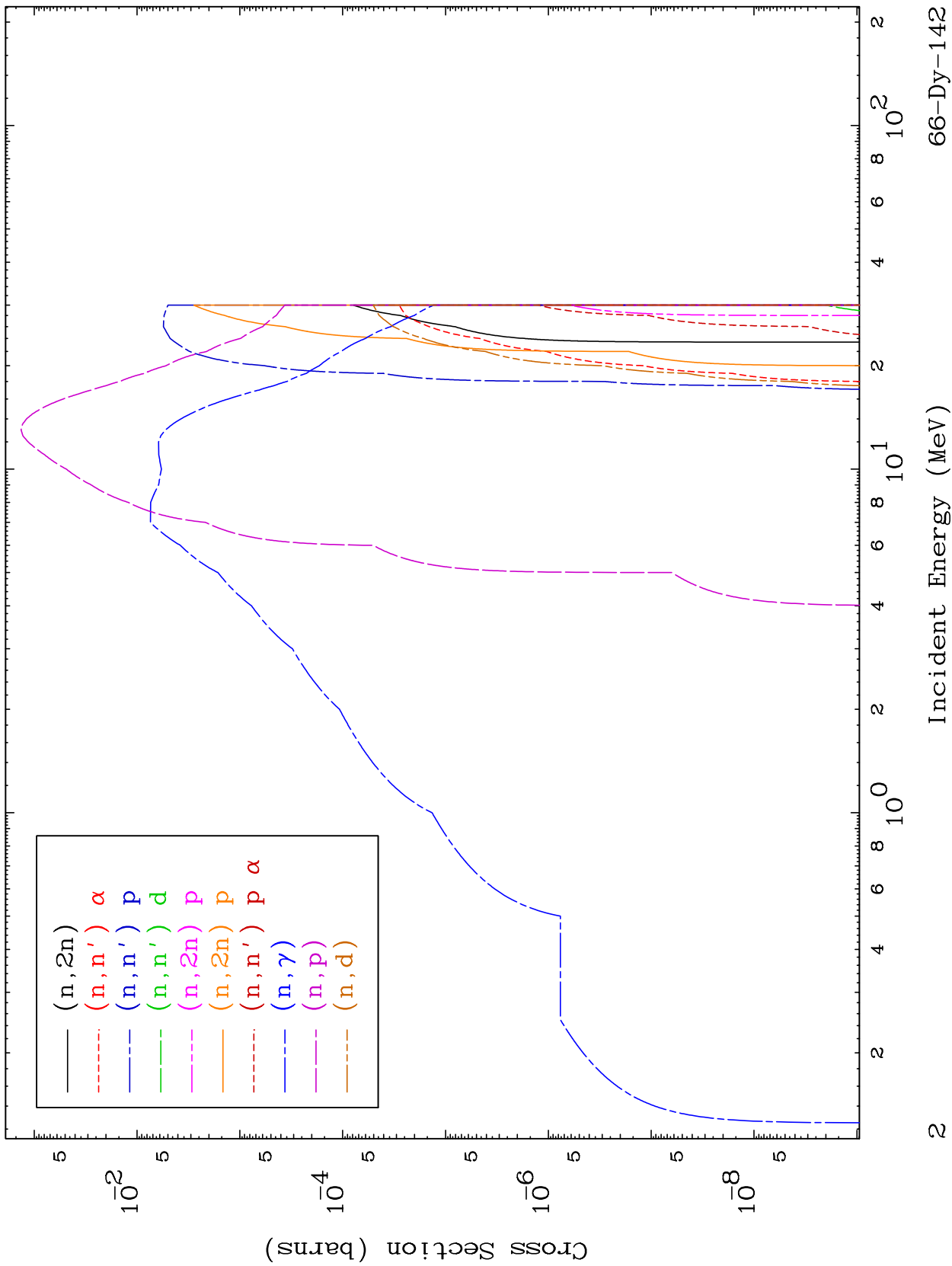
MAT 6583

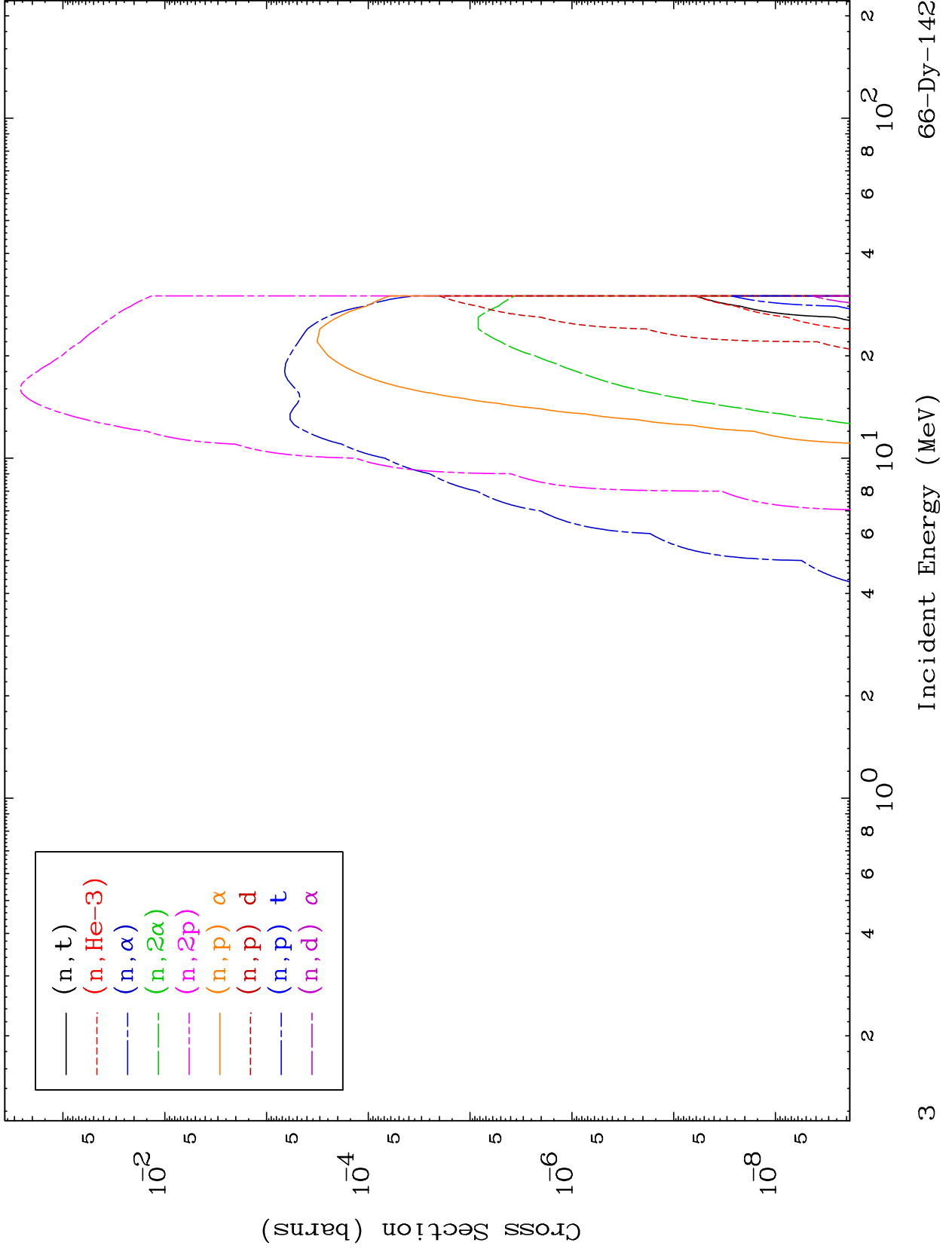
Photon Major

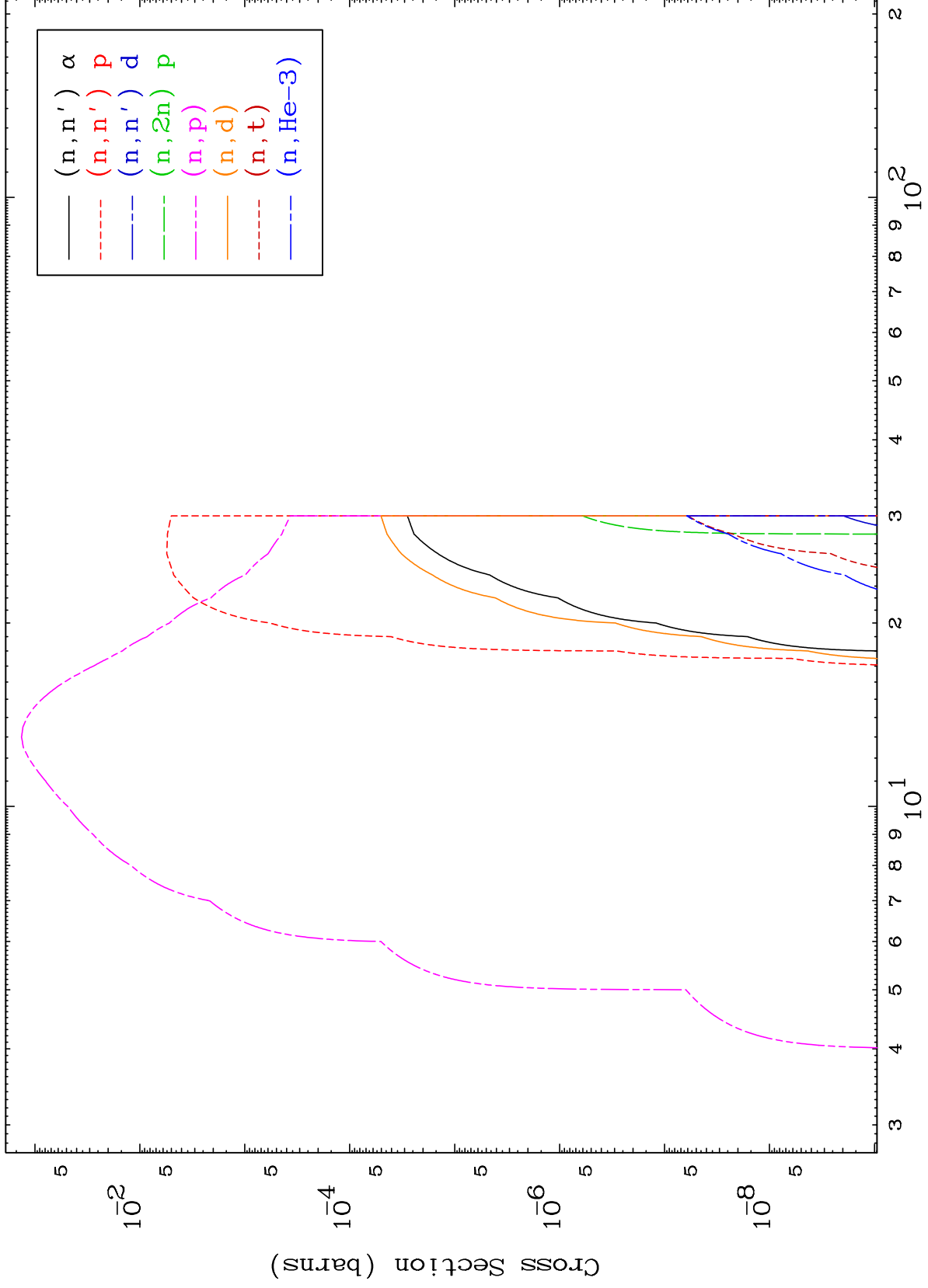
66-Dy-142

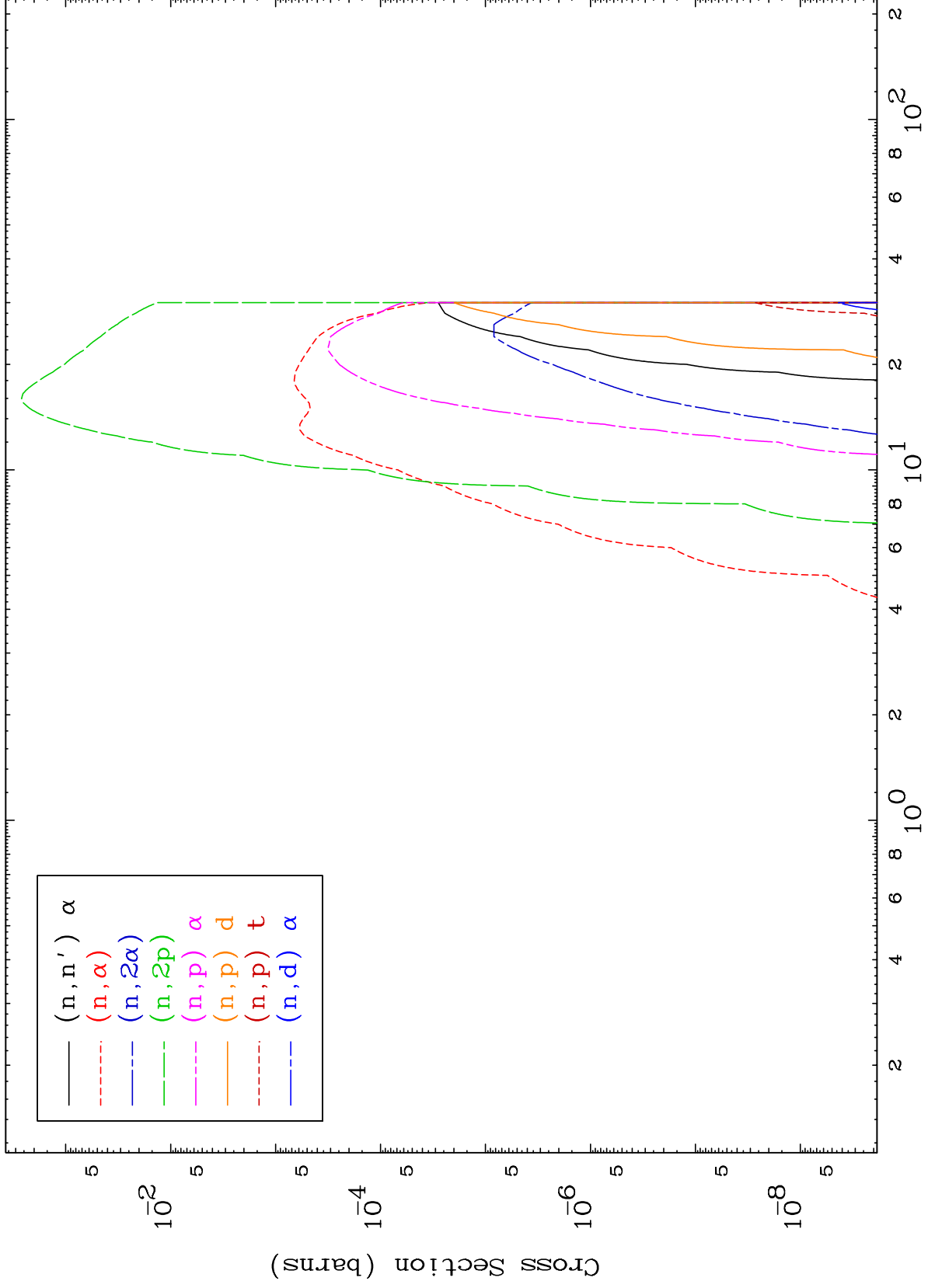
0 Kelvin Cross Sections







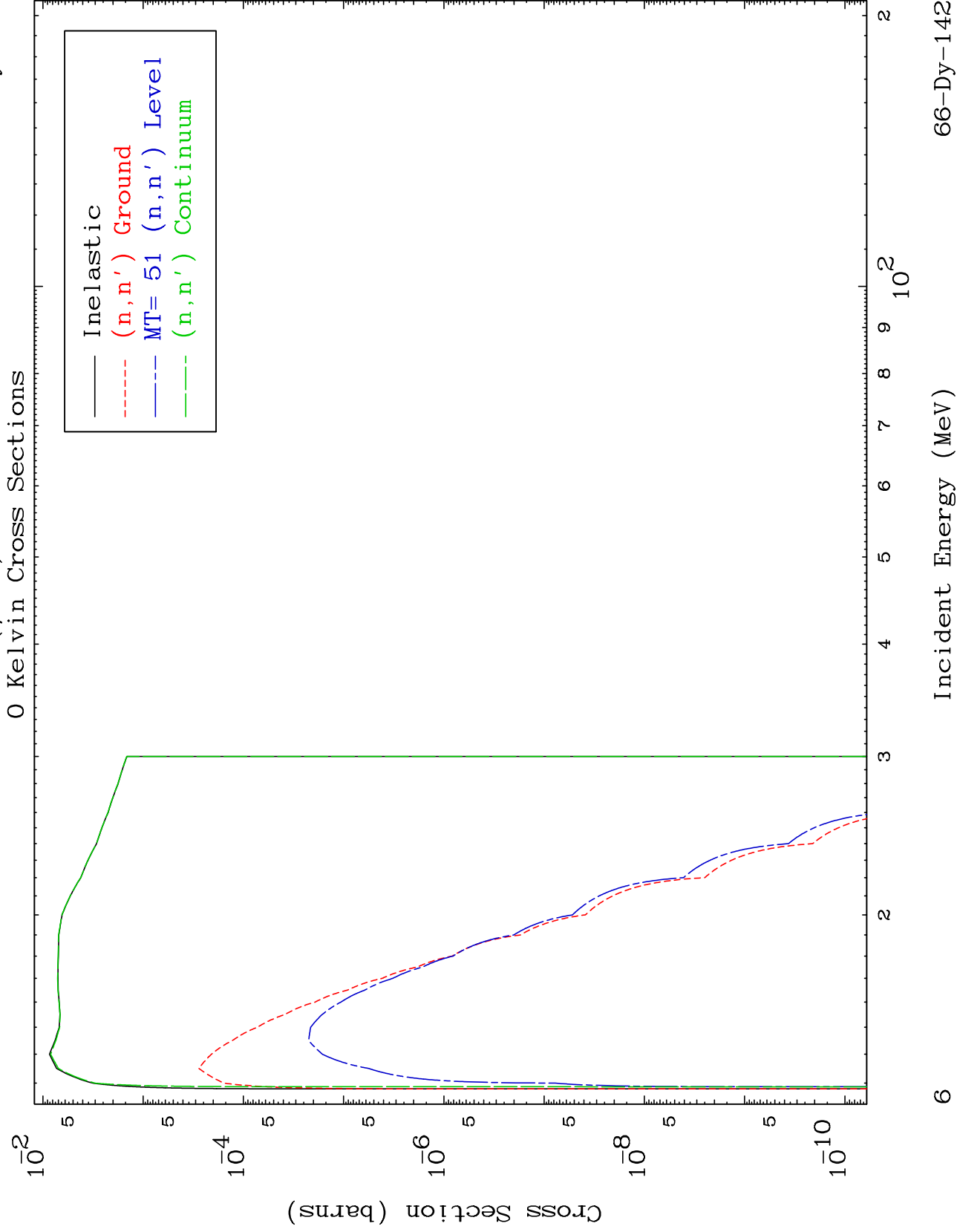




MAT 6583

(γ, n') Levels

66-Dy-142



66-Dy-142

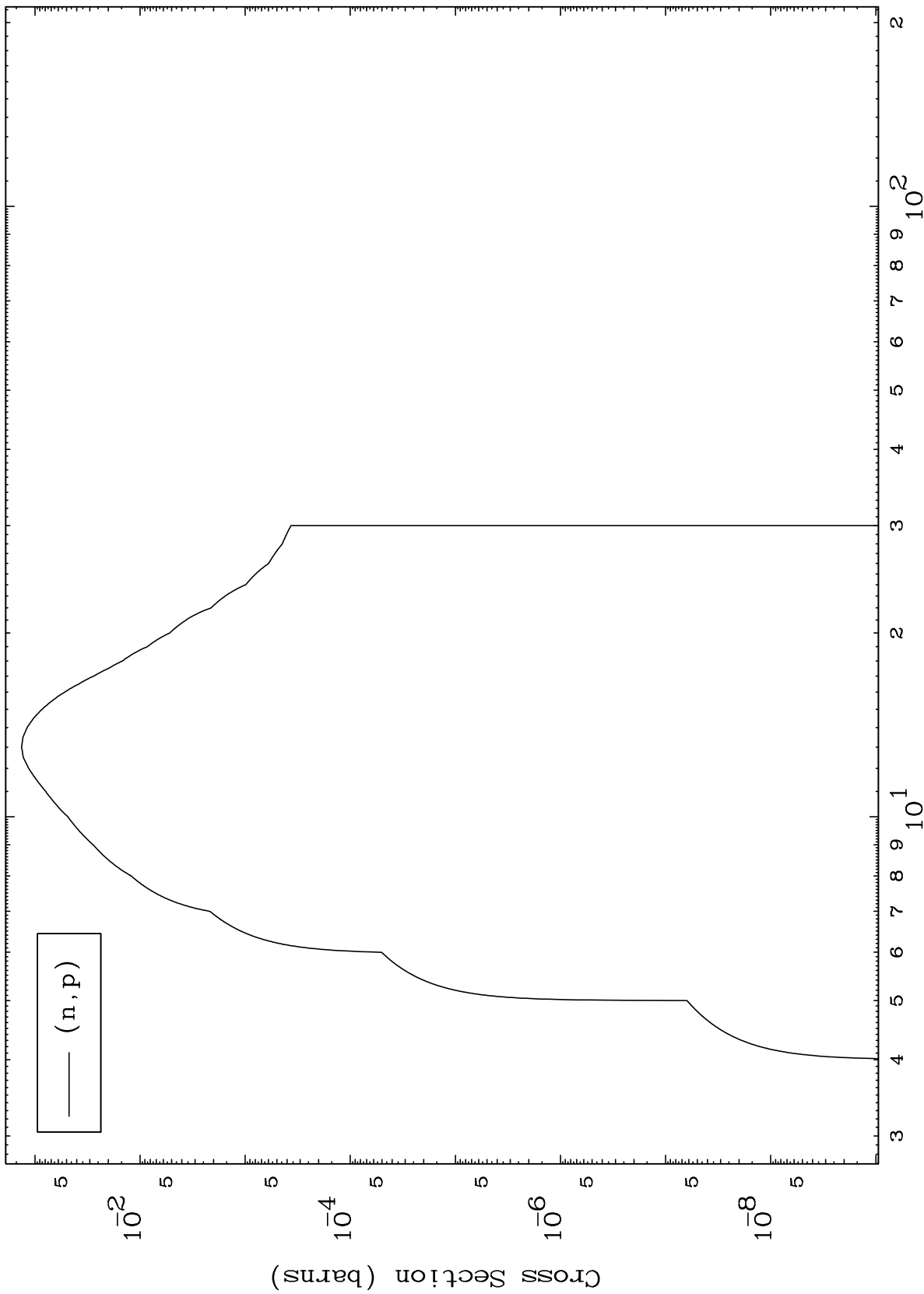
66-Dy-142

MAT 6583

(γ, p) Levels

66-Dy-142

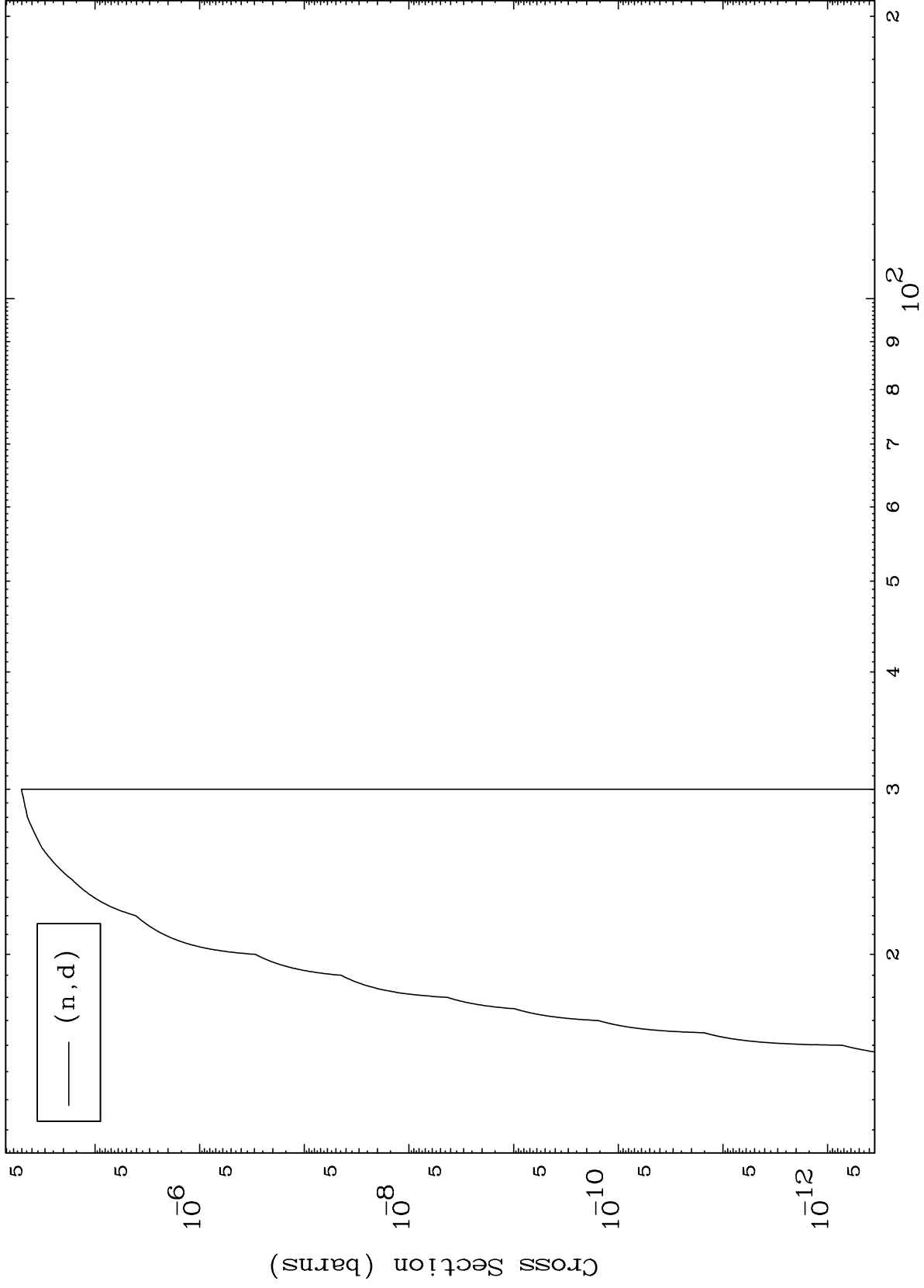
0 Kelvin Cross Sections

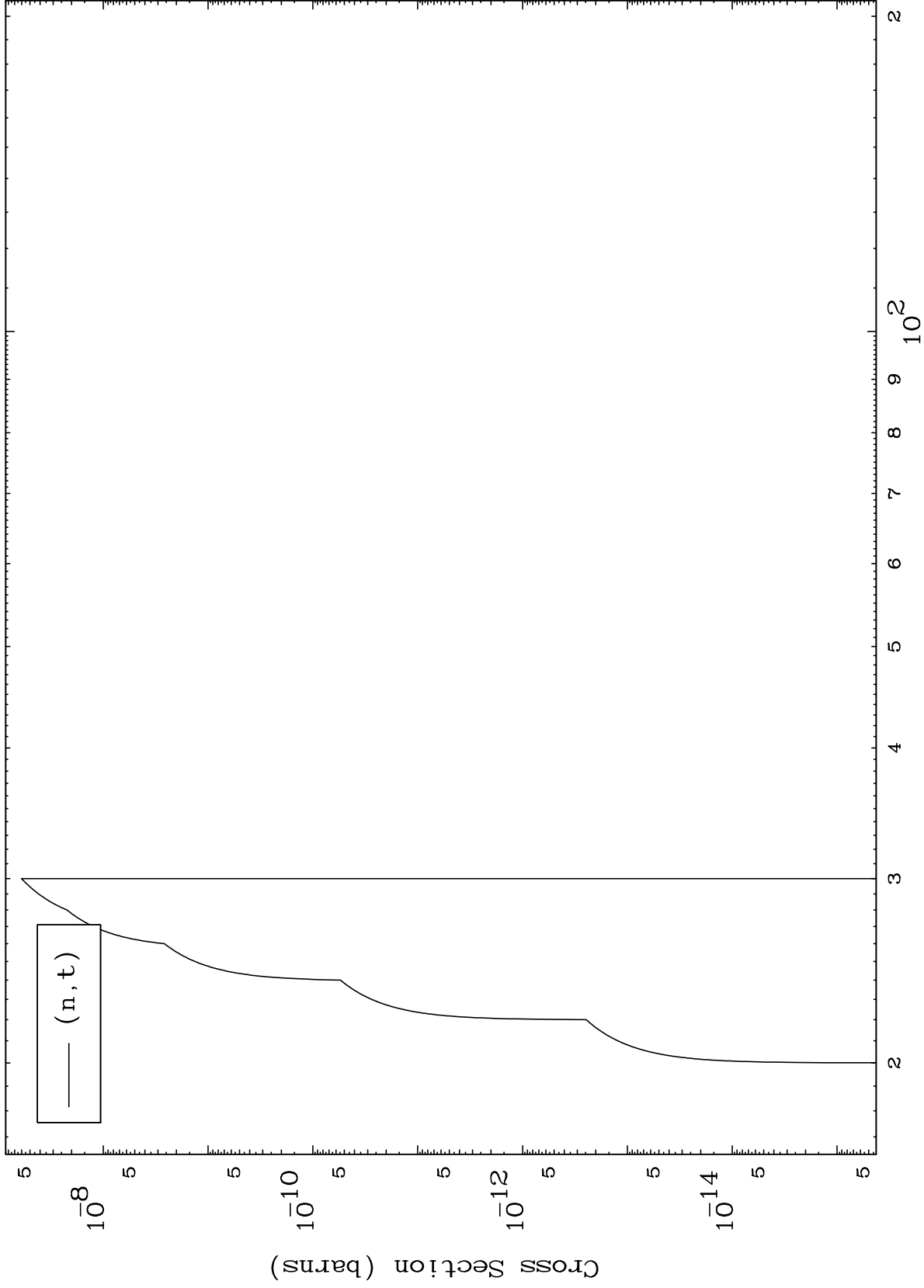


7

Incident Energy (MeV)

66-Dy-142



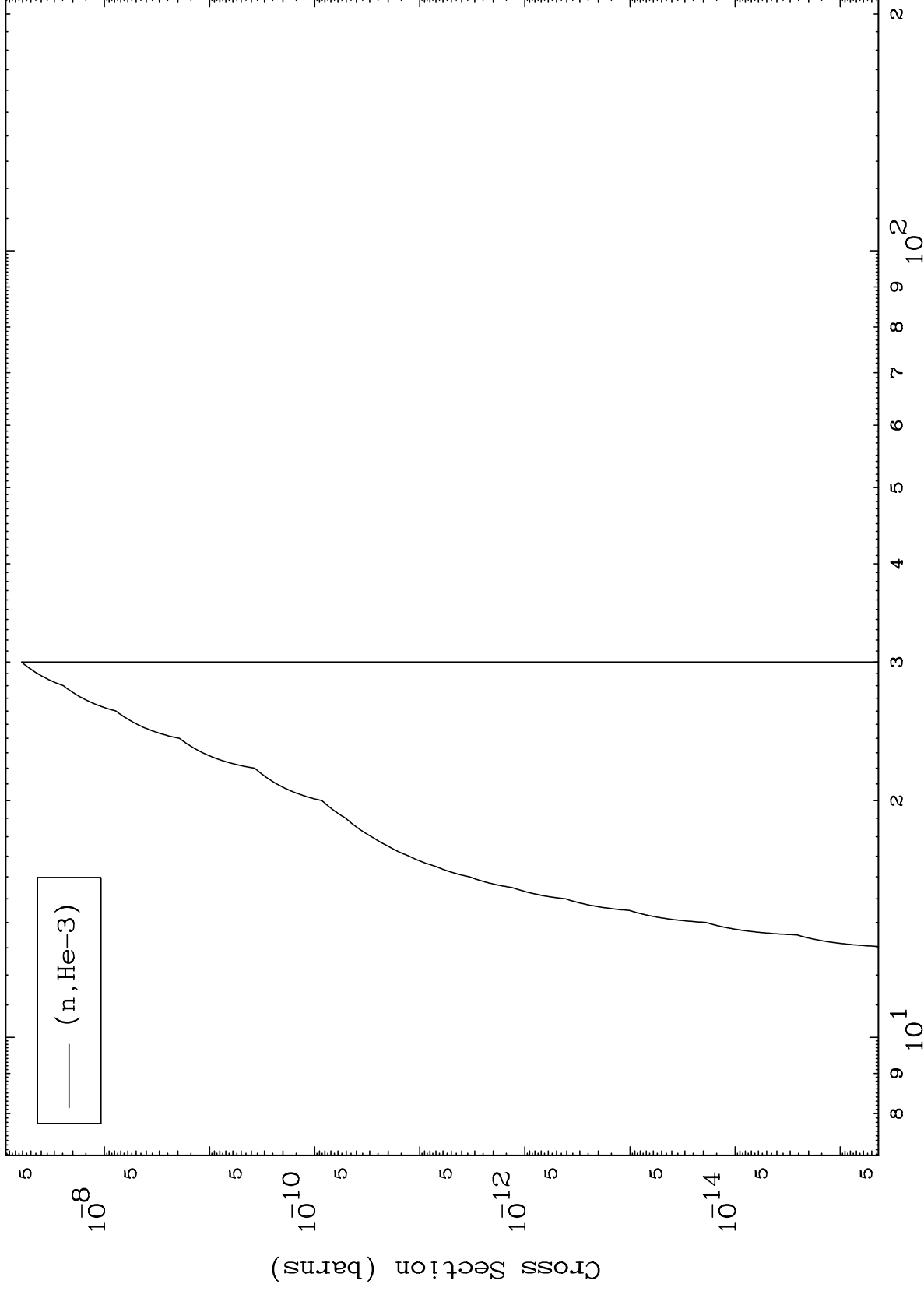


MAT 6583

(γ ,He3) Levels

66-Dy-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

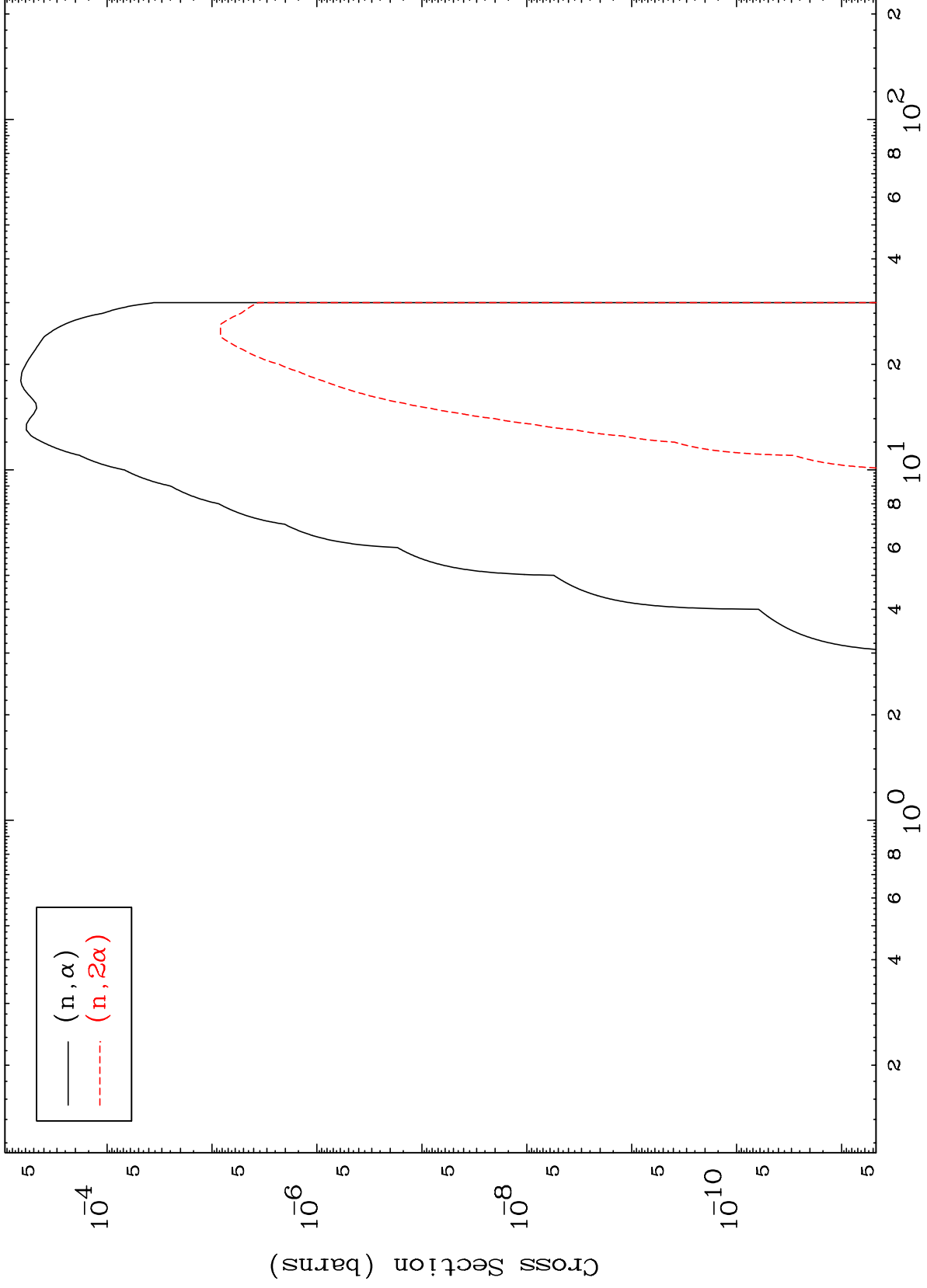
66-Dy-142

MAT 6583

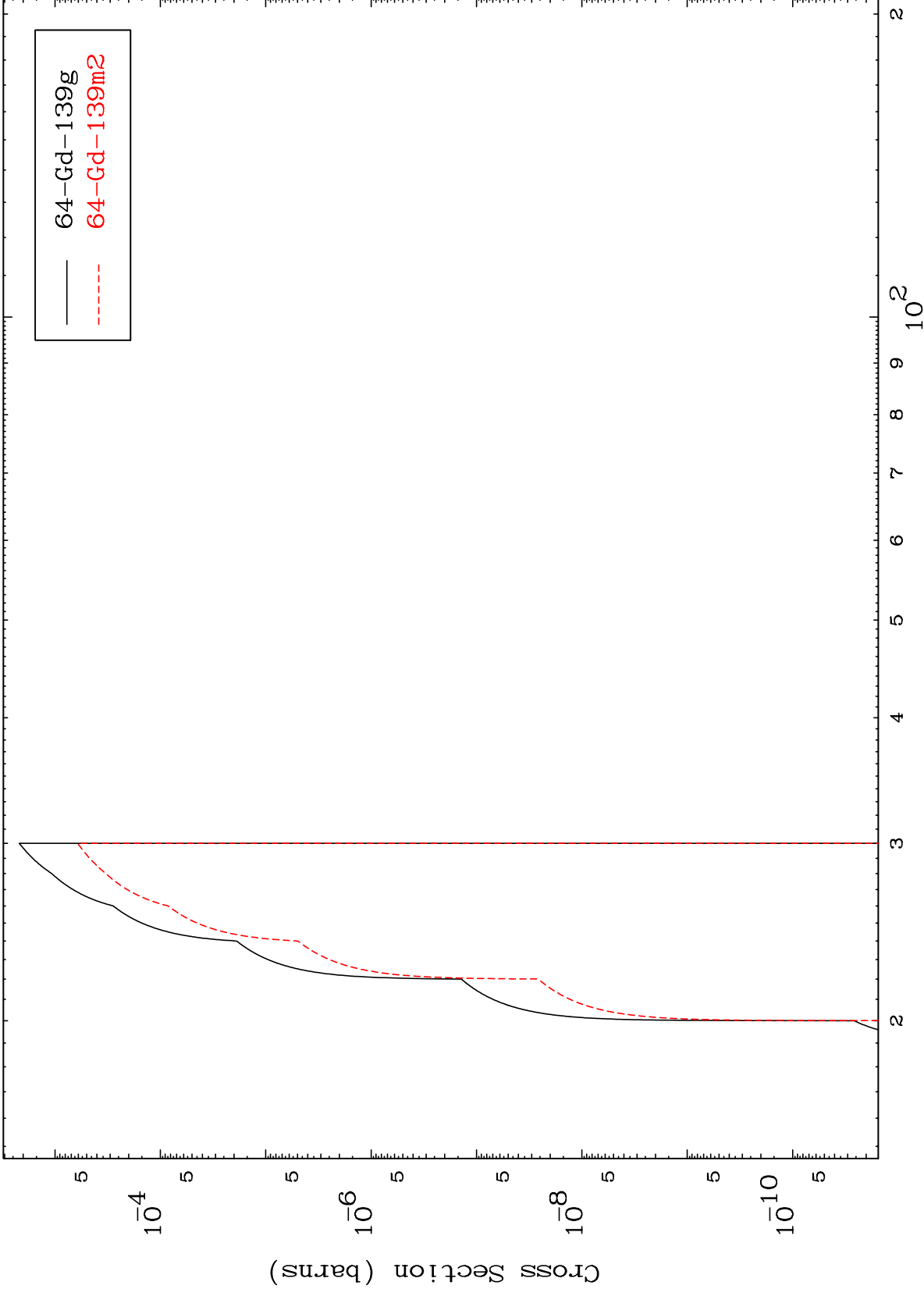
(γ, α) Levels

66-Dy-142

0 Kelvin Cross Sections



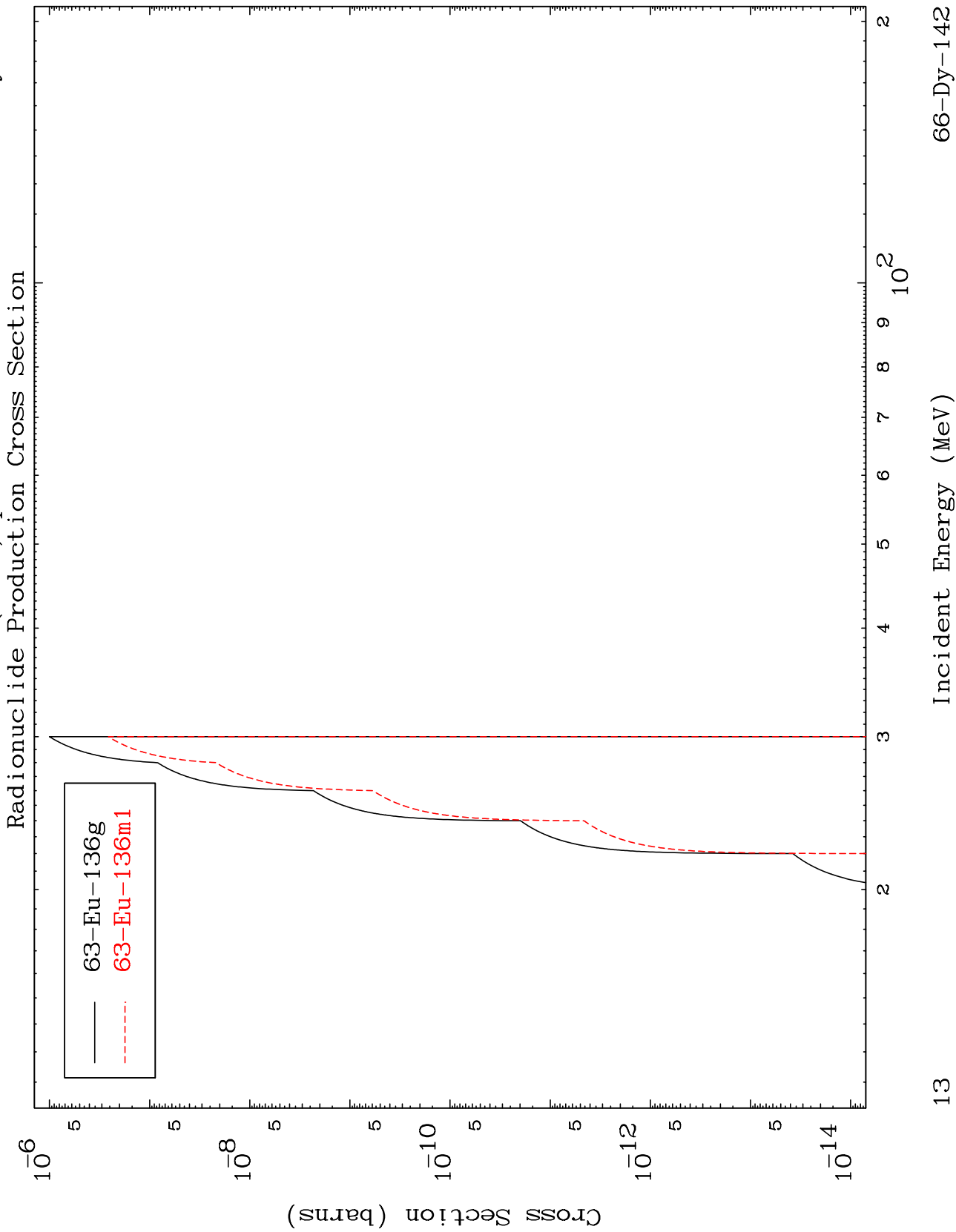
Radionuclide Production Cross Section



MAT 6583

(n,n') p α

66-Dy-142

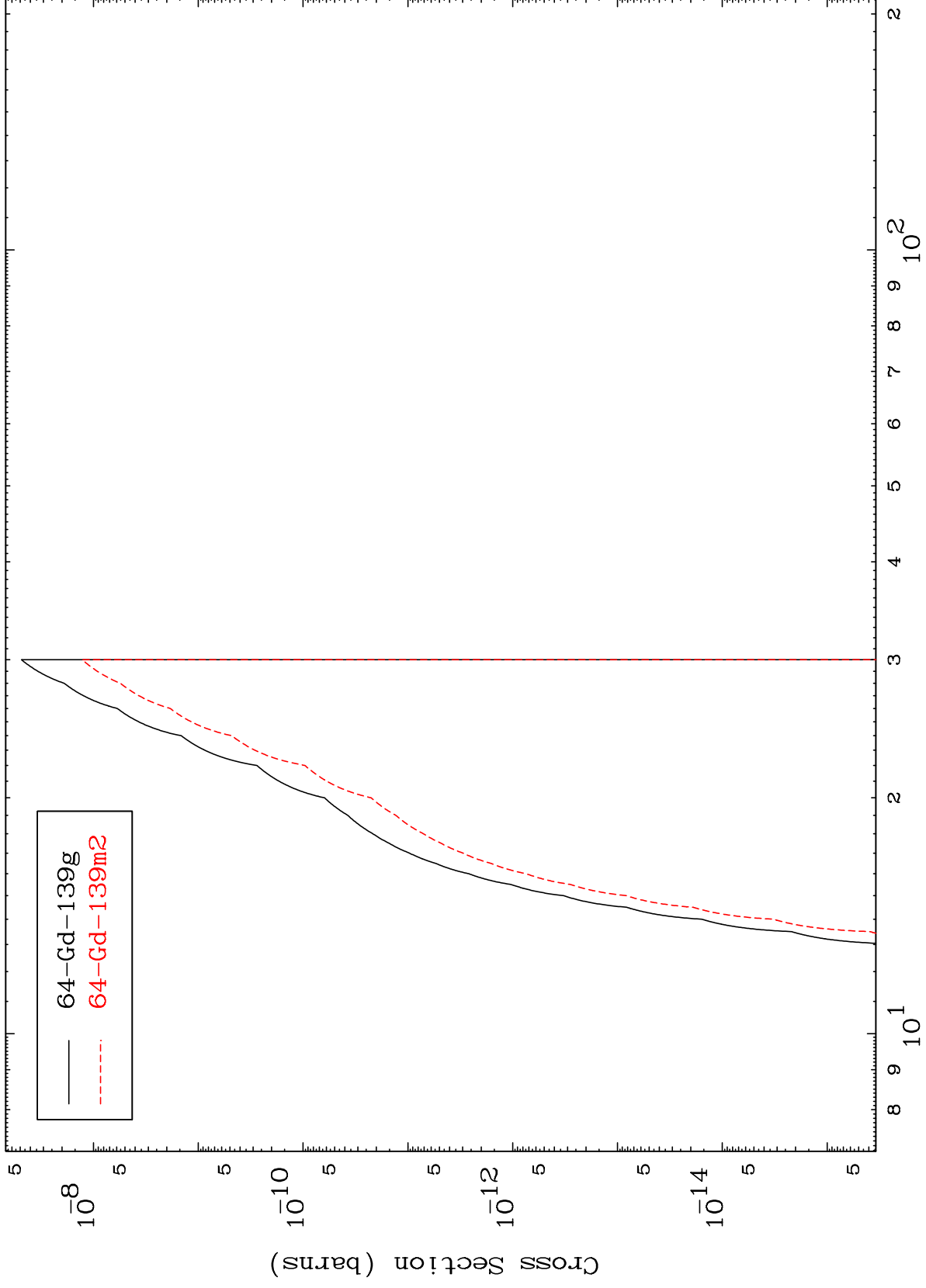


MAT 6583

(n,He-3)

66-Dy-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

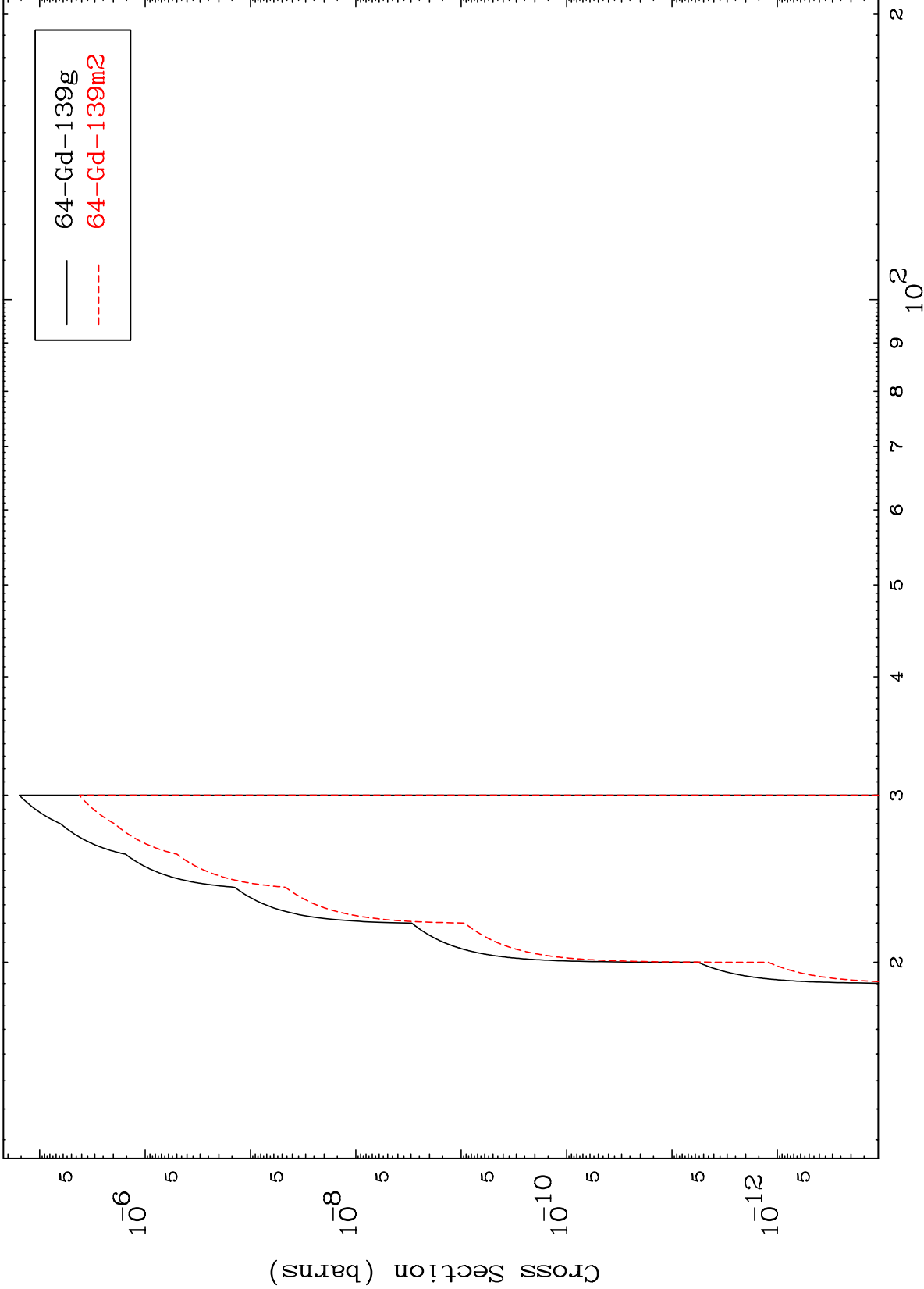
66-Dy-142

MAT 6583

(n,p) d

66-Dy-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

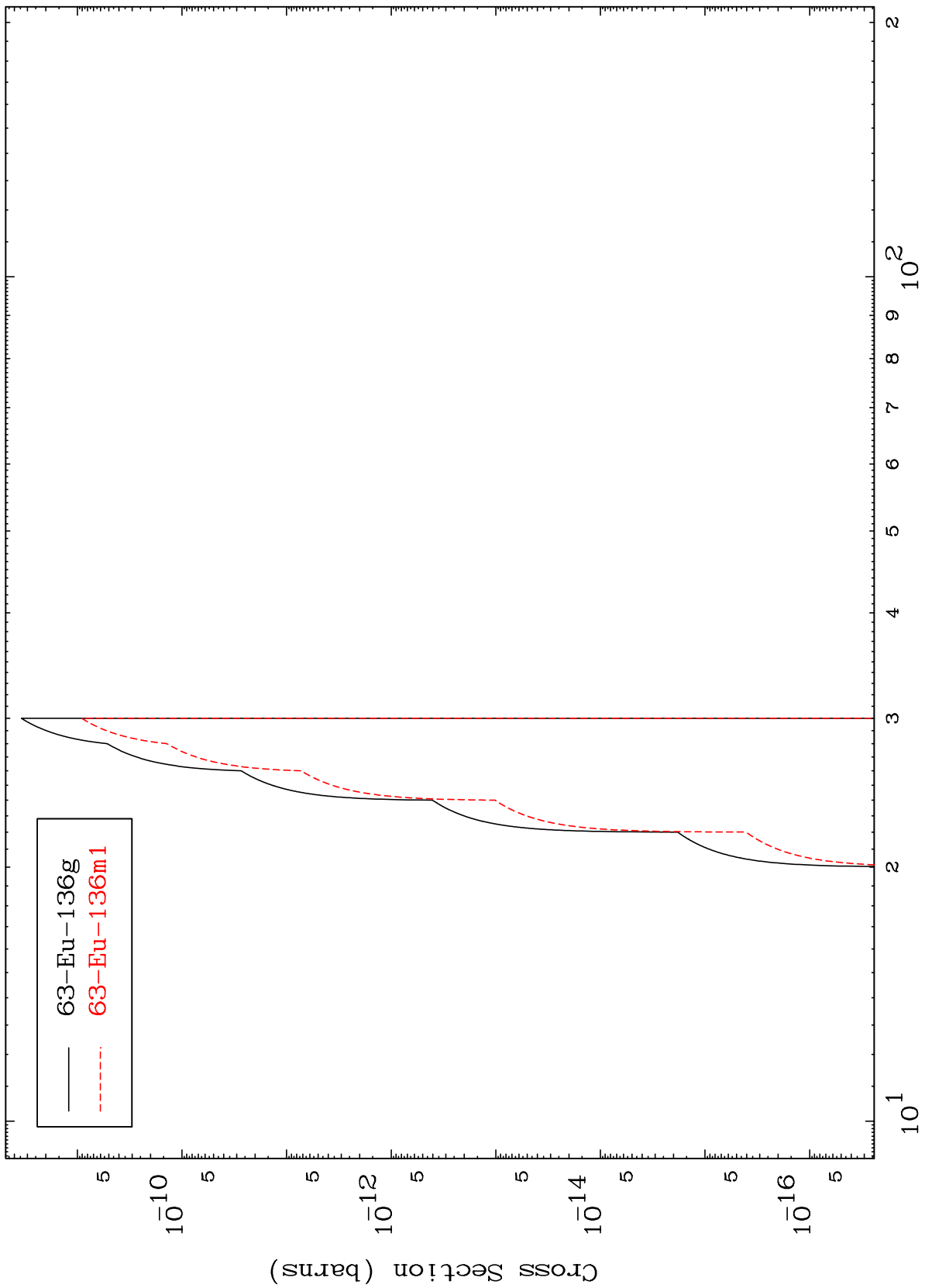
66-Dy-142

MAT 6583

(n,d) α

66-Dy-142

Radionuclide Production Cross Section



Incident Energy (MeV)

66-Dy-142