

Program EVALPLOT
(Version 2021-1)

by

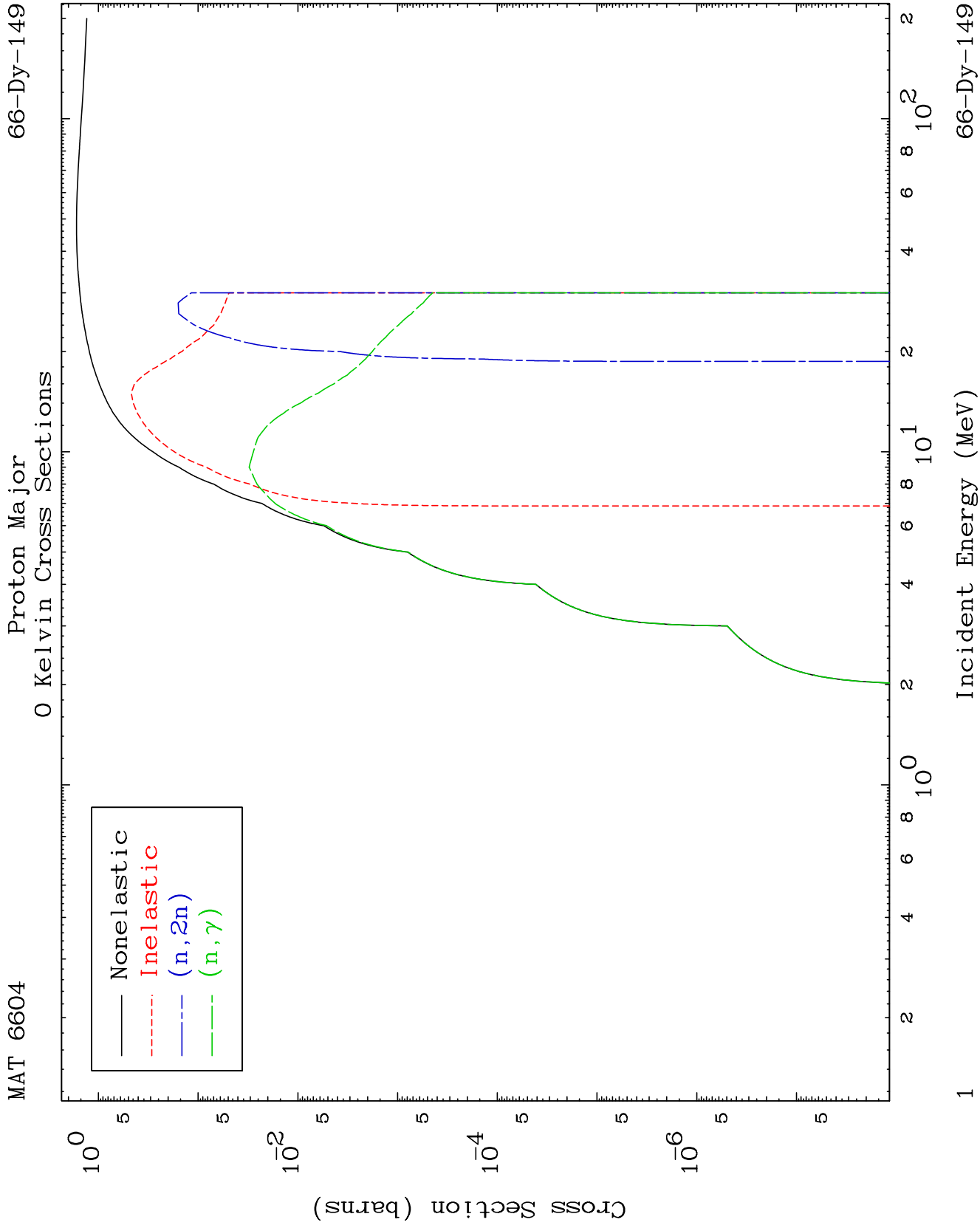
Dermott E. Cullen
(Present Contact Information)

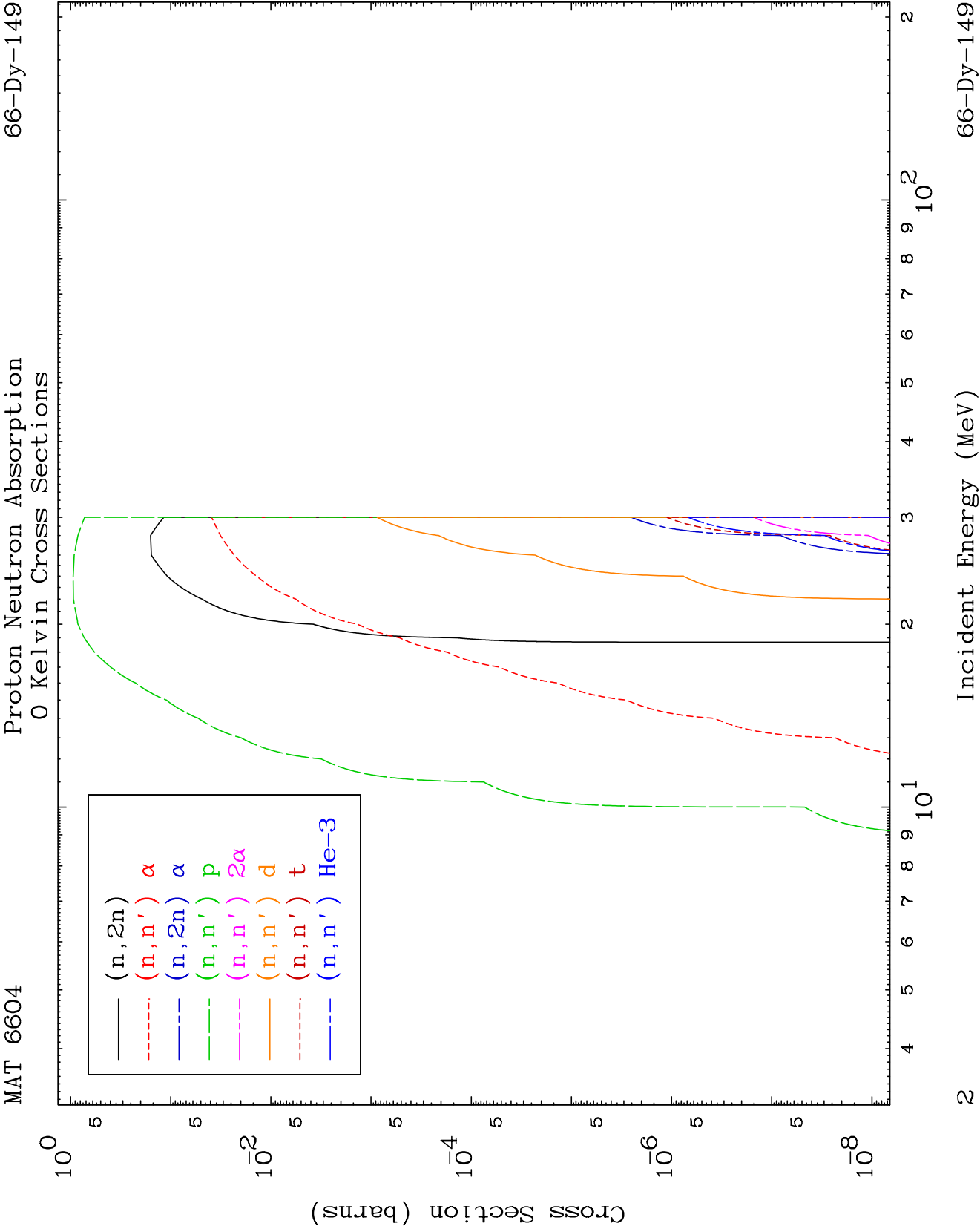
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

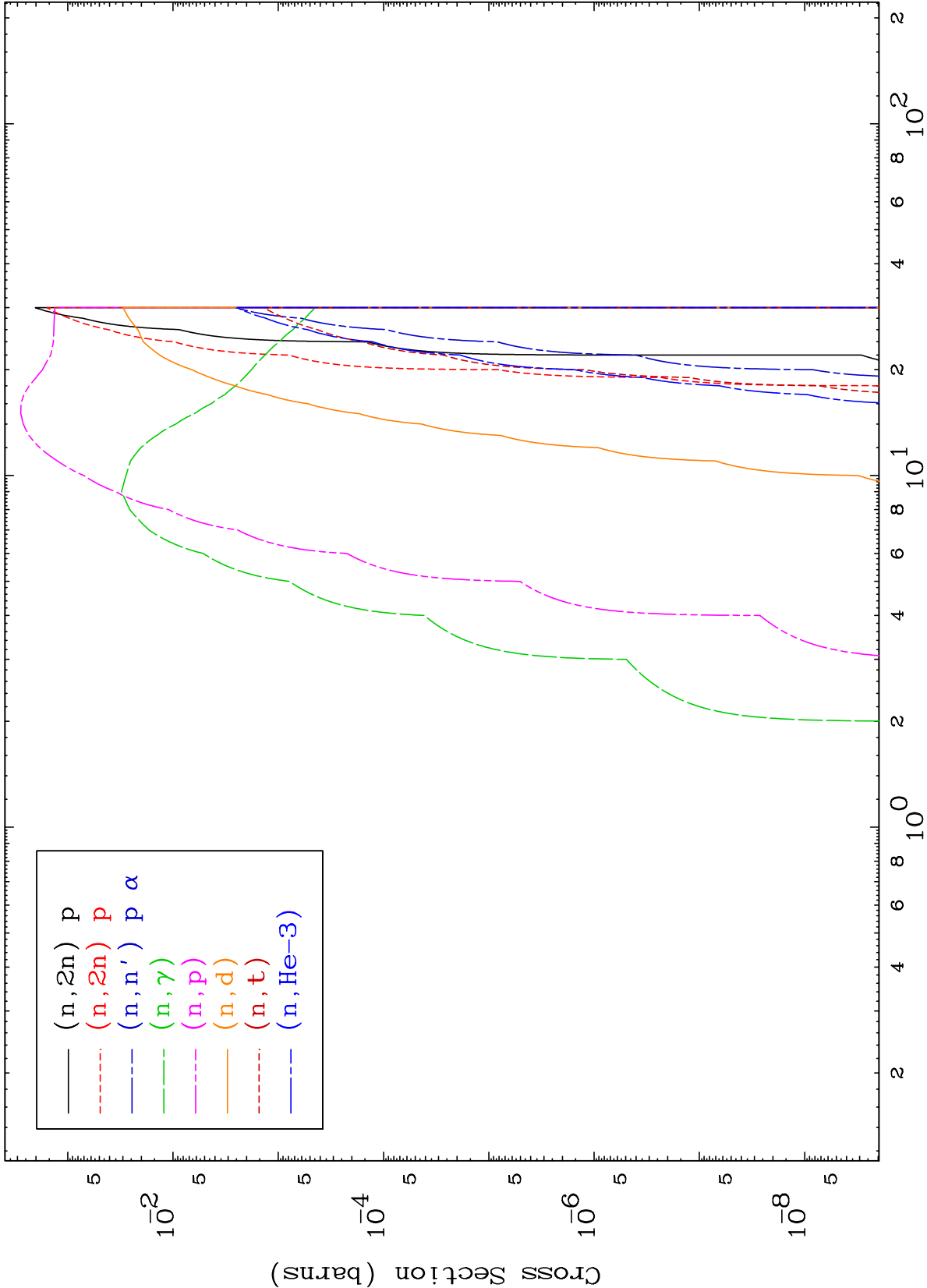
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



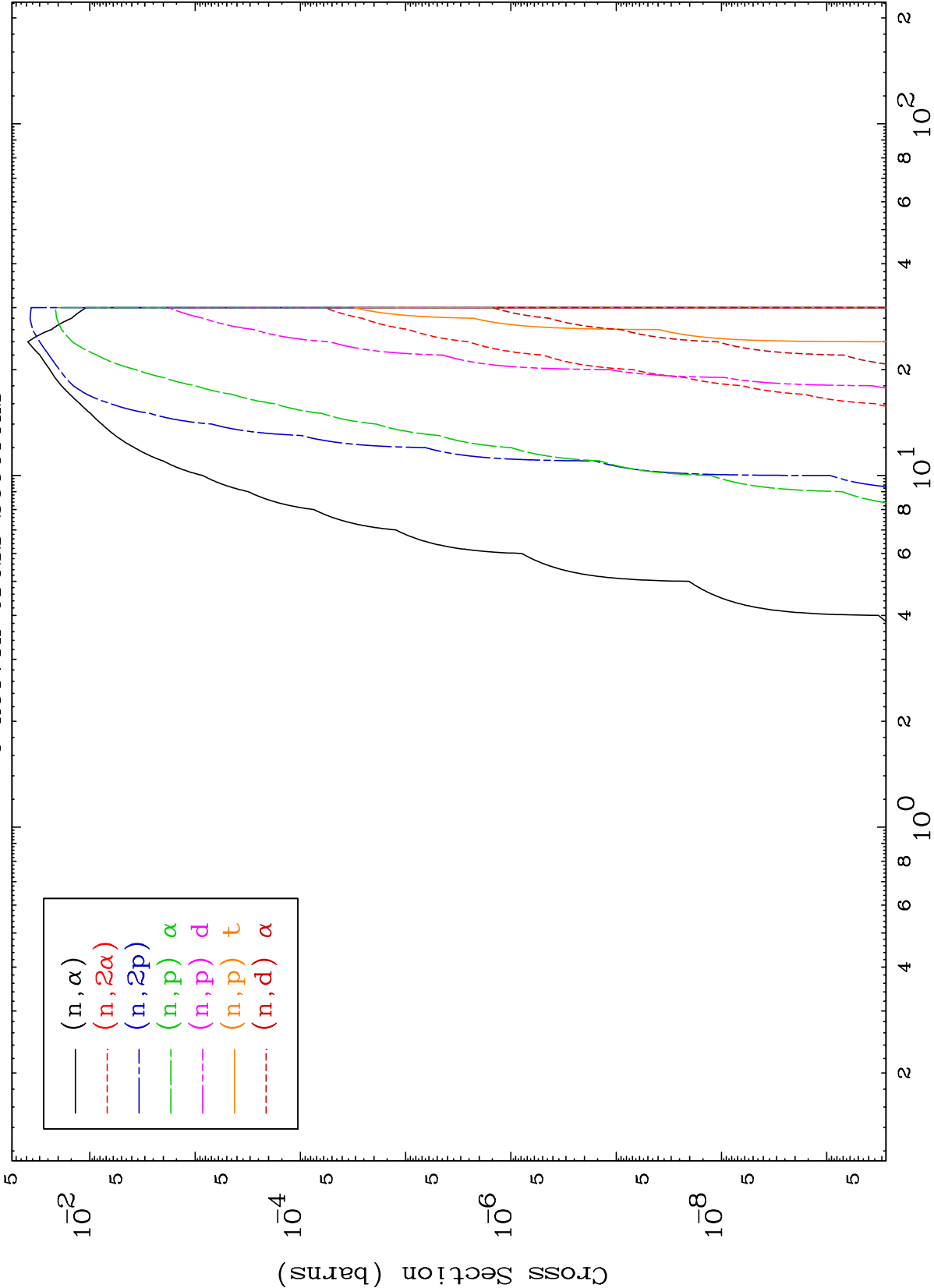




MAT 6604

Proton Neutron Absorption
0 Kelvin Cross Sections

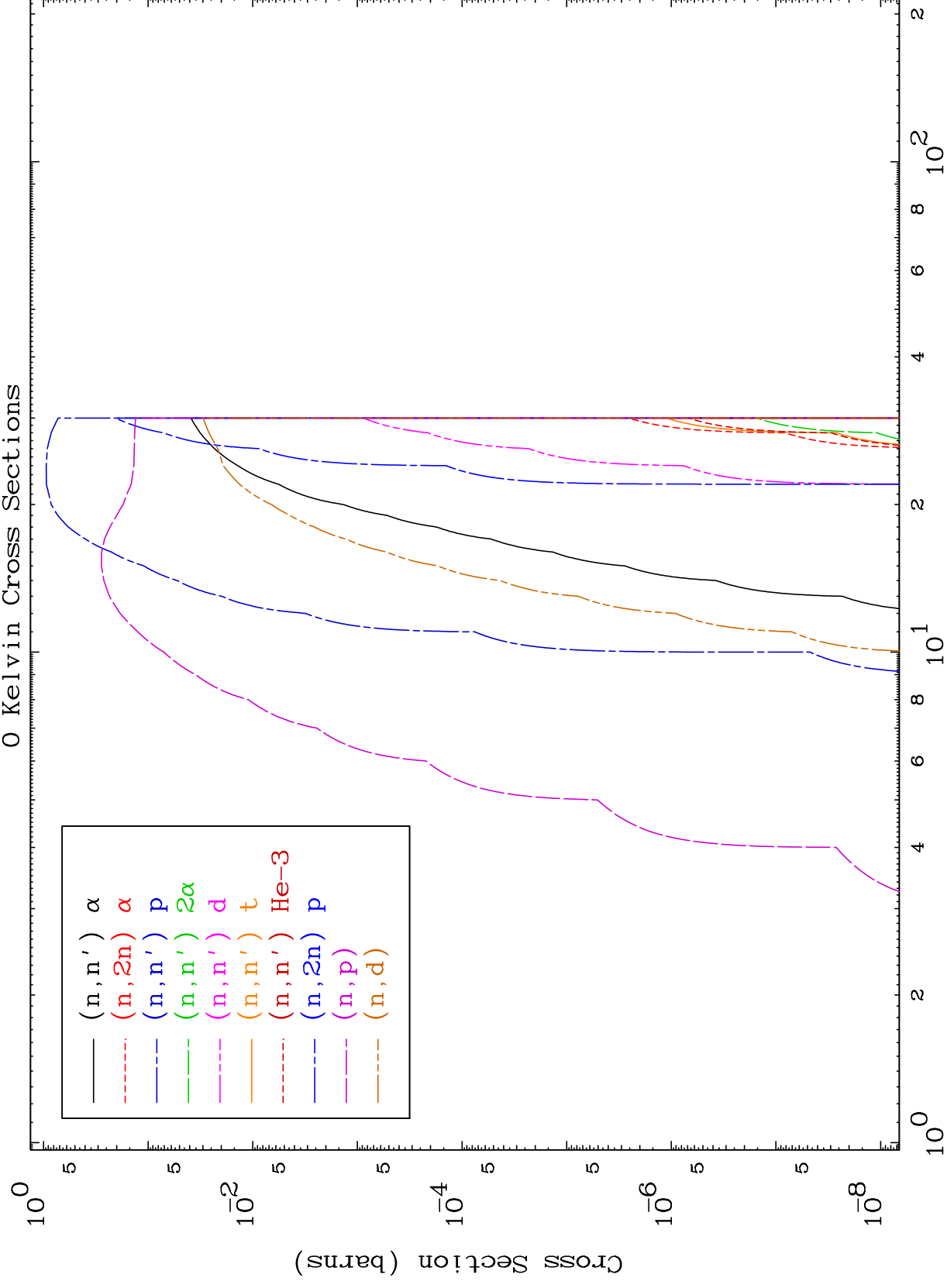
66-Dy-149



MAT 6604

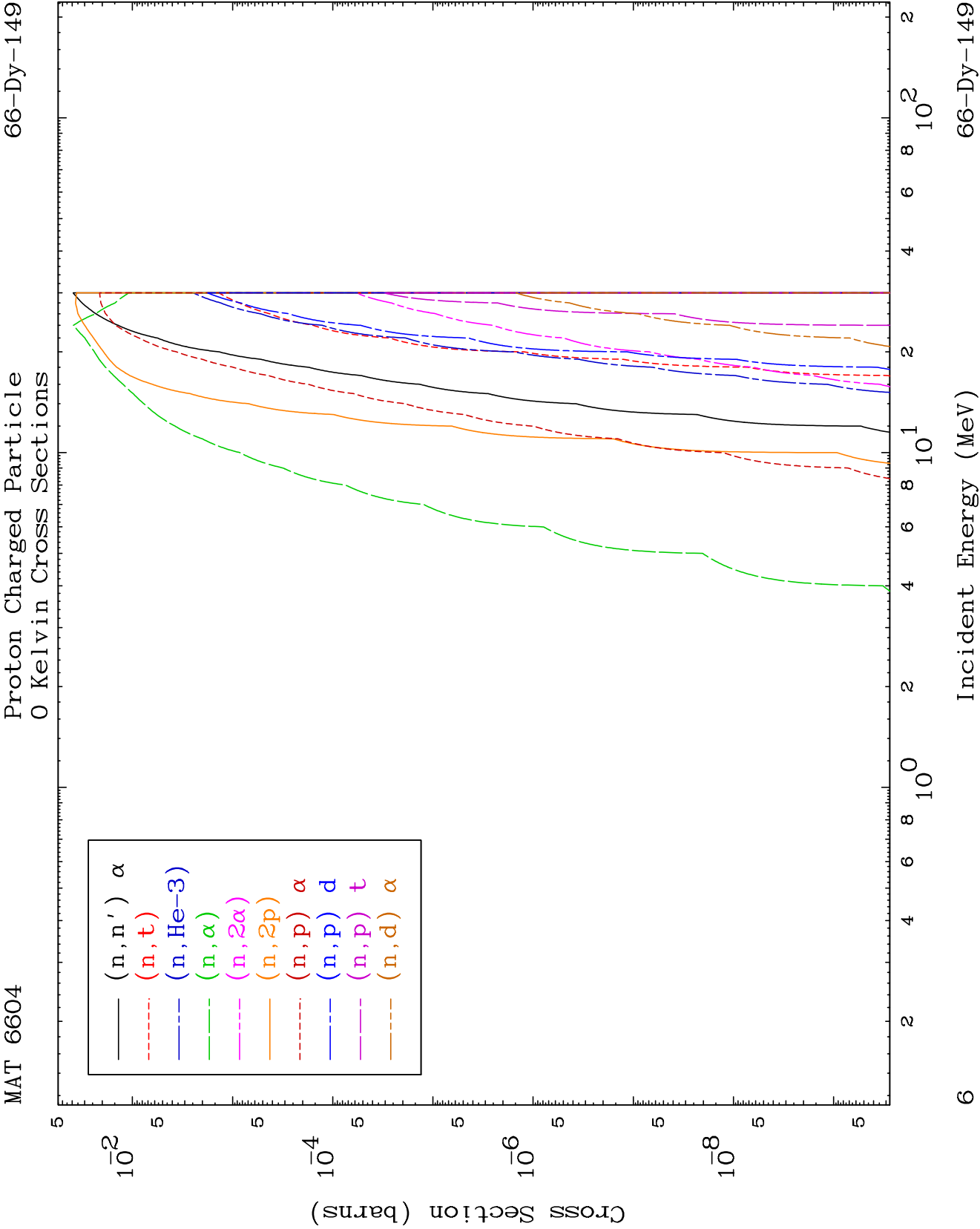
Proton Charged Particle
0 Kelvin Cross Sections

66-Dy-149



Incident Energy (MeV)

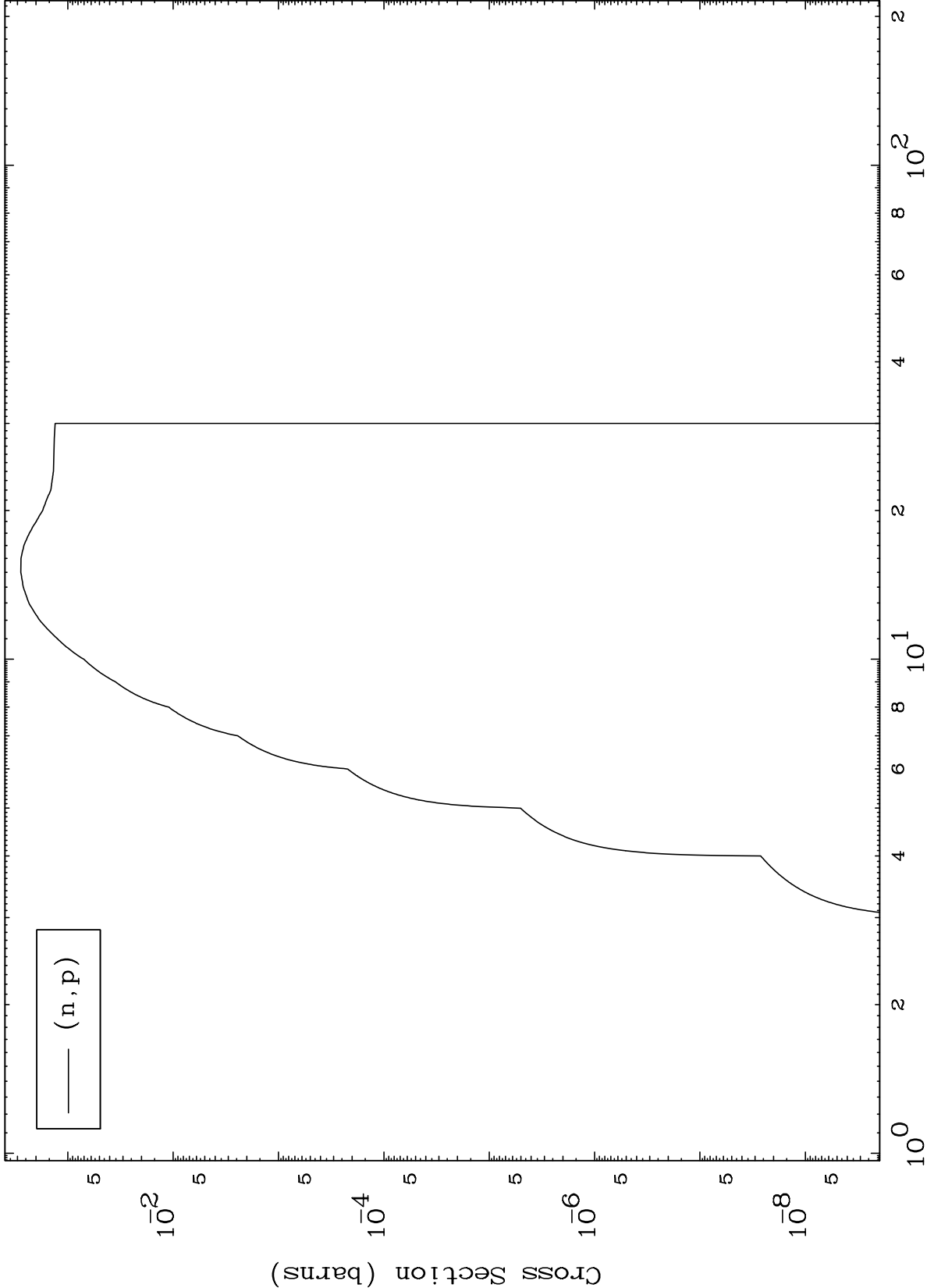
66-Dy-149



MAT 6604

(p,p) Levels
0 Kelvin Cross Sections

66-Dy-149



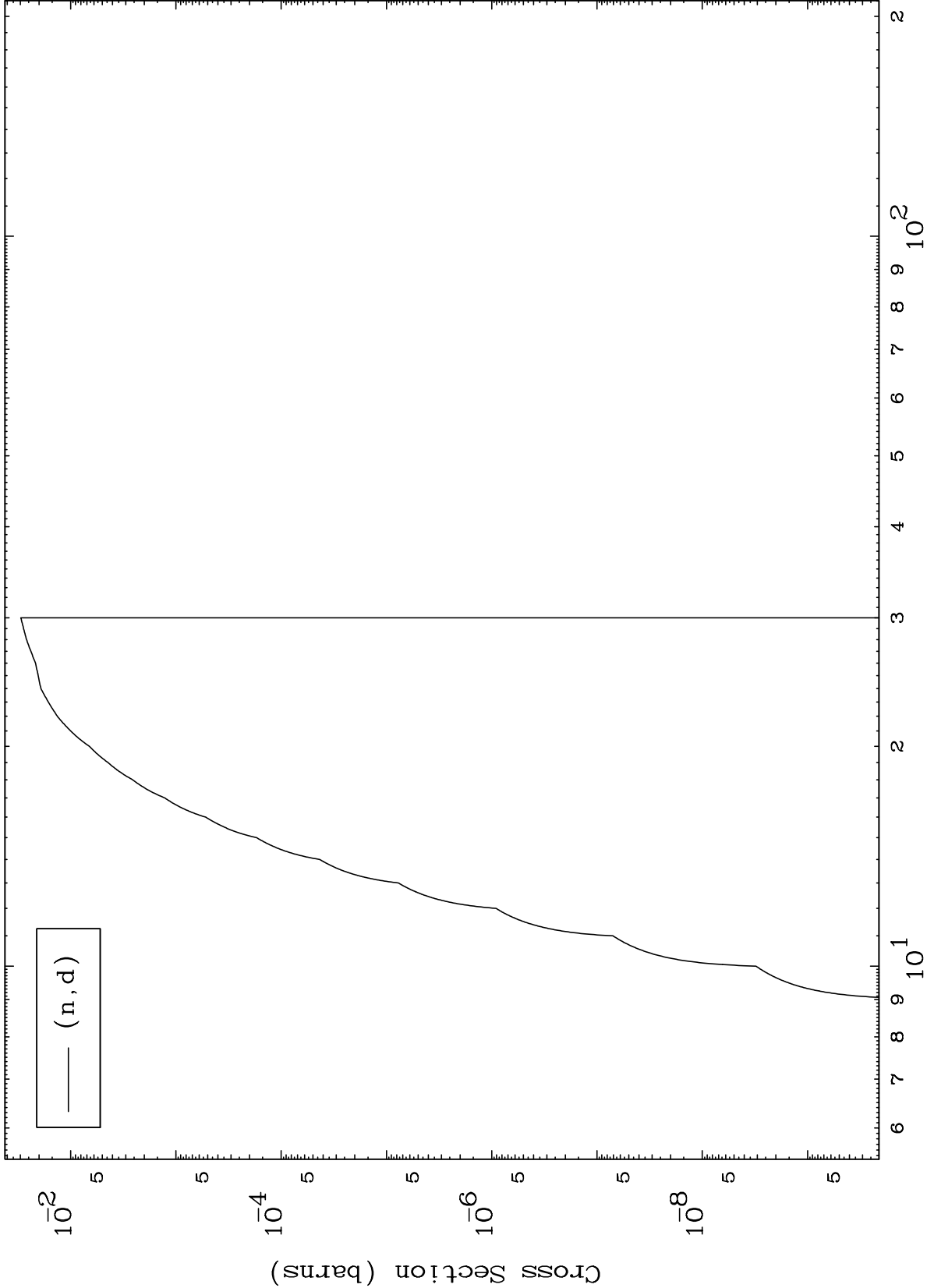
Incident Energy (MeV)

66-Dy-149

MAT 6604

(p,d) Levels
0 Kelvin Cross Sections

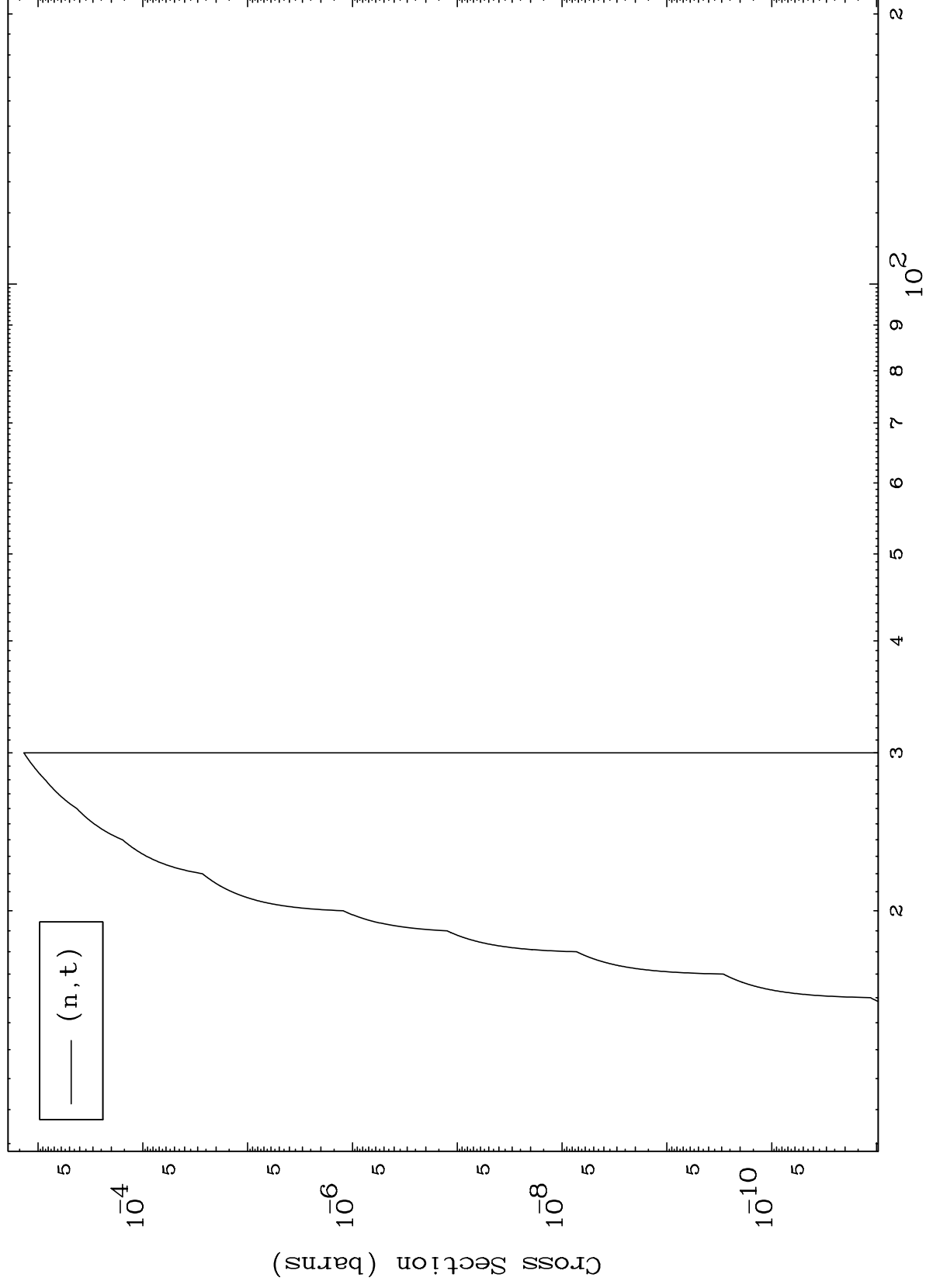
66-Dy-149



MAT 6604

66-Dy-149

(p,t) Levels
0 Kelvin Cross Sections



9

66-Dy-149

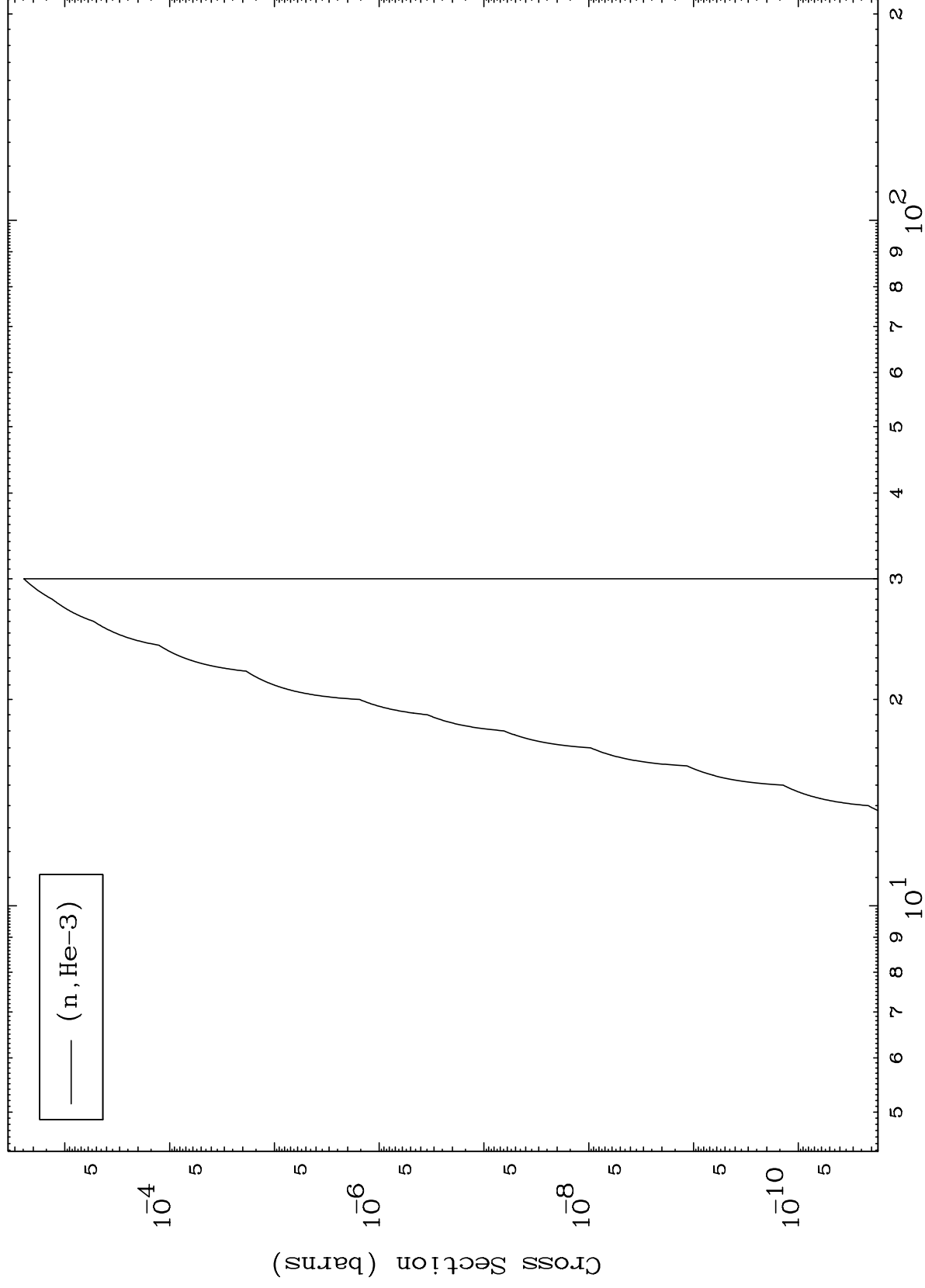
Incident Energy (MeV)

MAT 6604

(p,He3) Levels

66-Dy-149

0 Kelvin Cross Sections

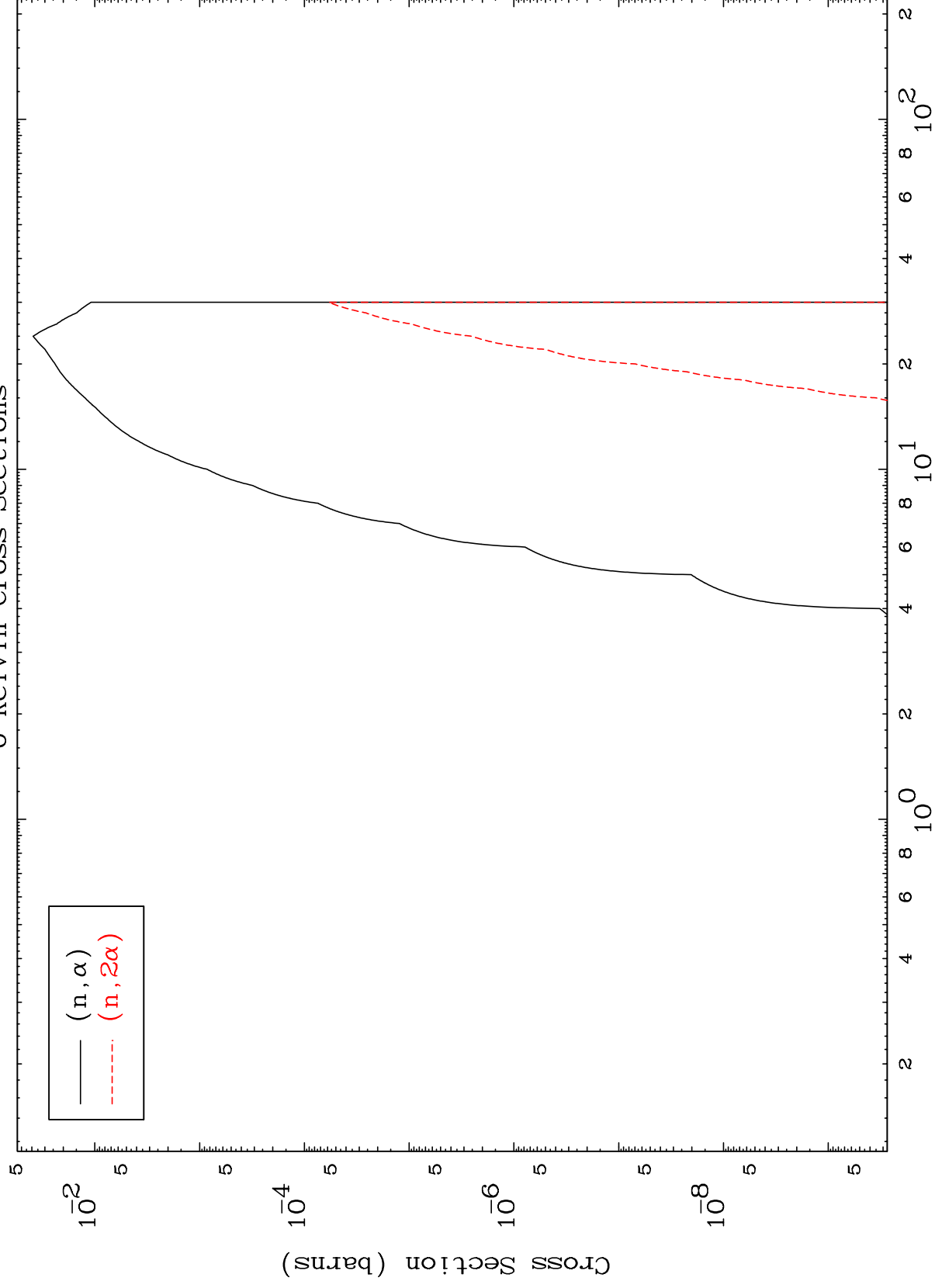


10

Incident Energy (MeV)

66-Dy-149

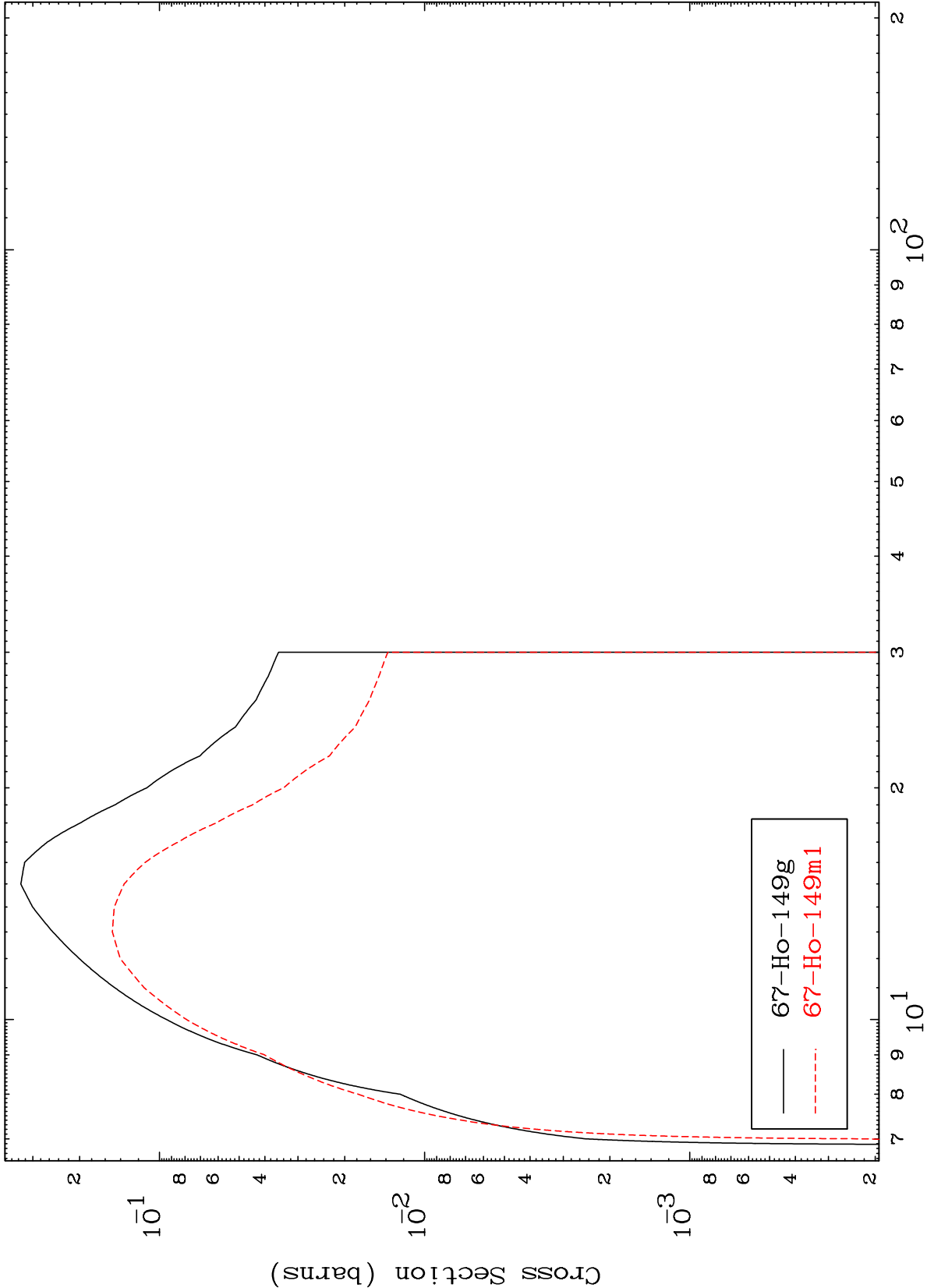
(p, α) Levels
0 Kelvin Cross Sections



MAT 6604

66-Dy-149

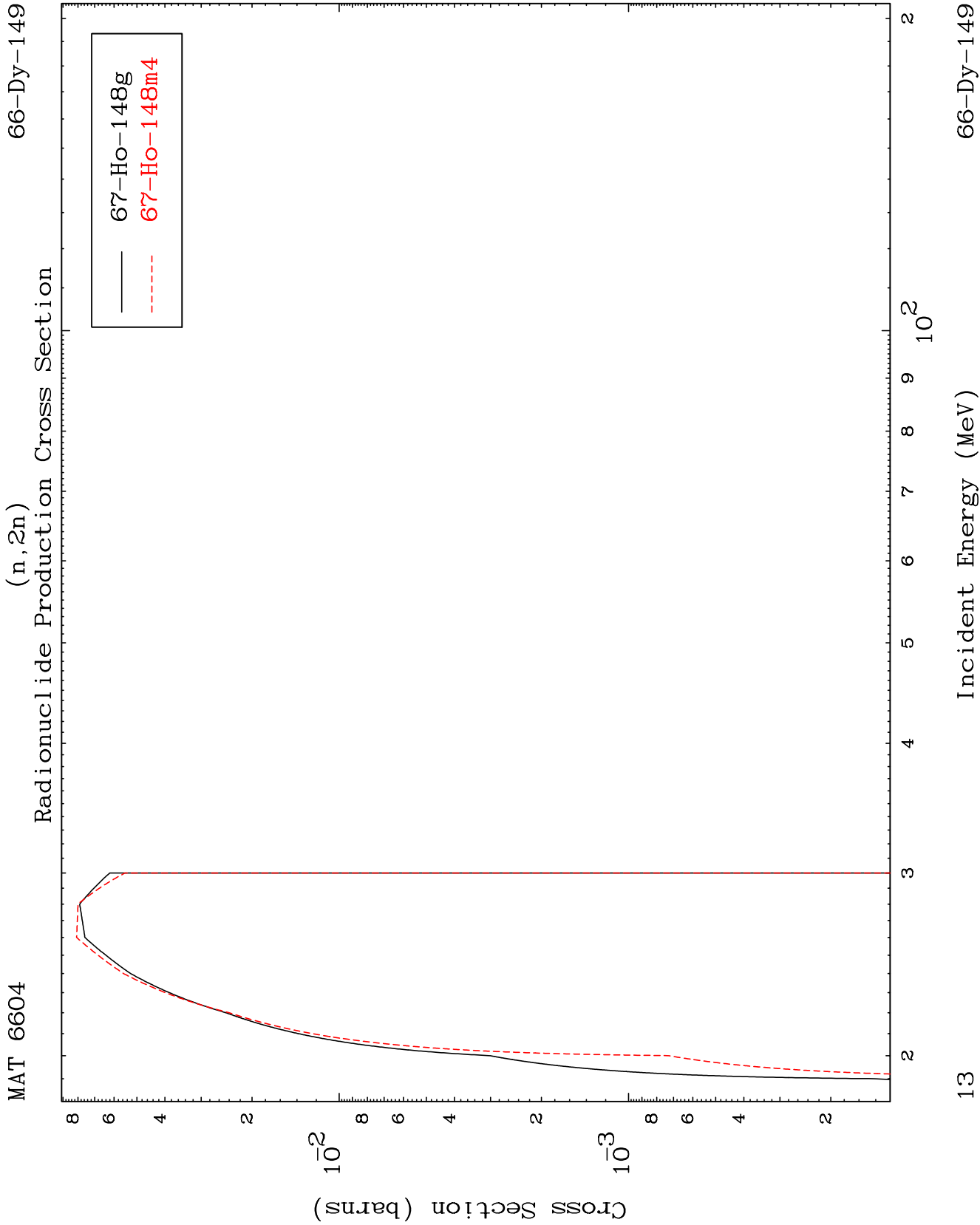
Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

66-Dy-149

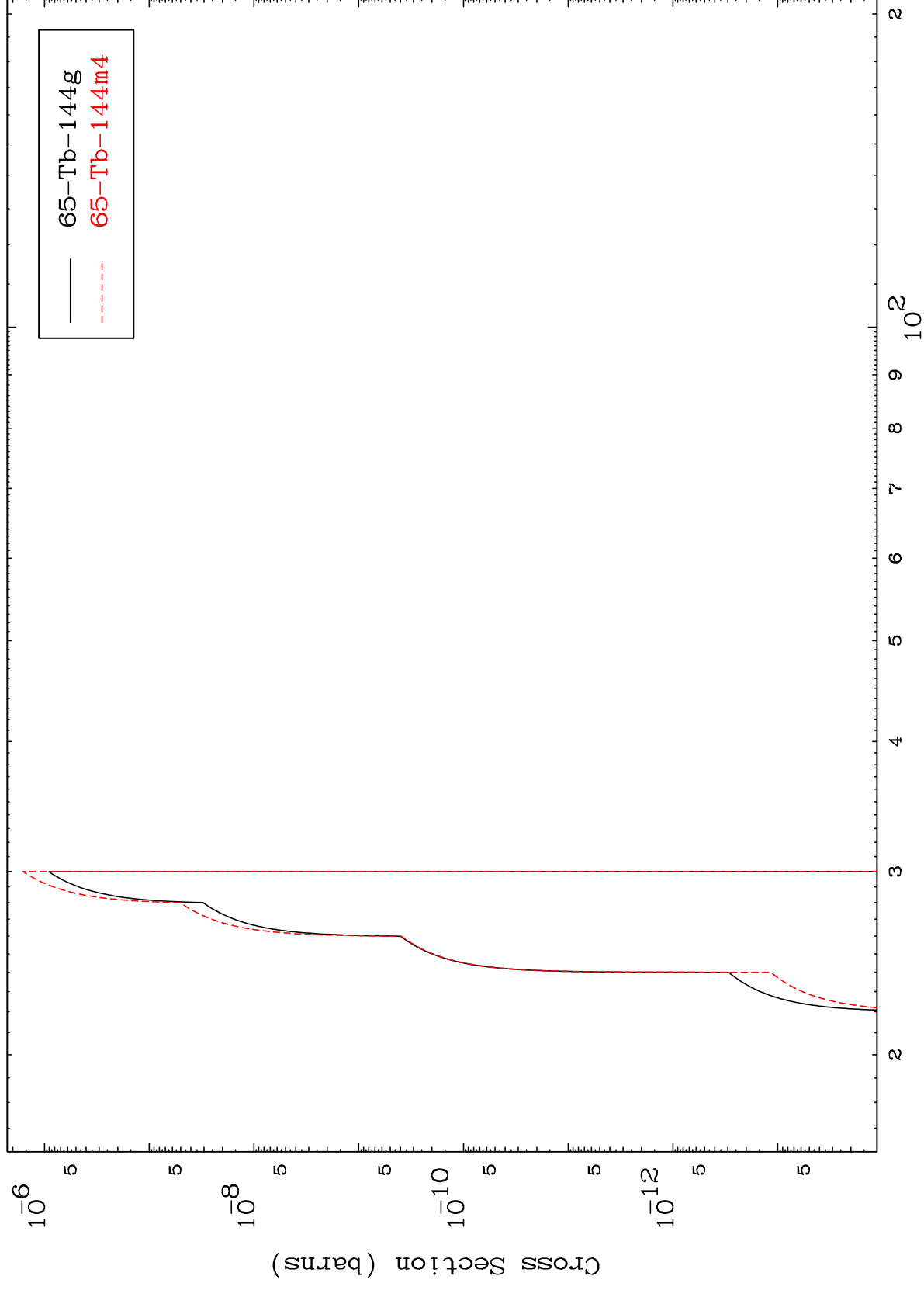


MAT 6604

$$(n, 2n) \propto$$

66-Dy-149

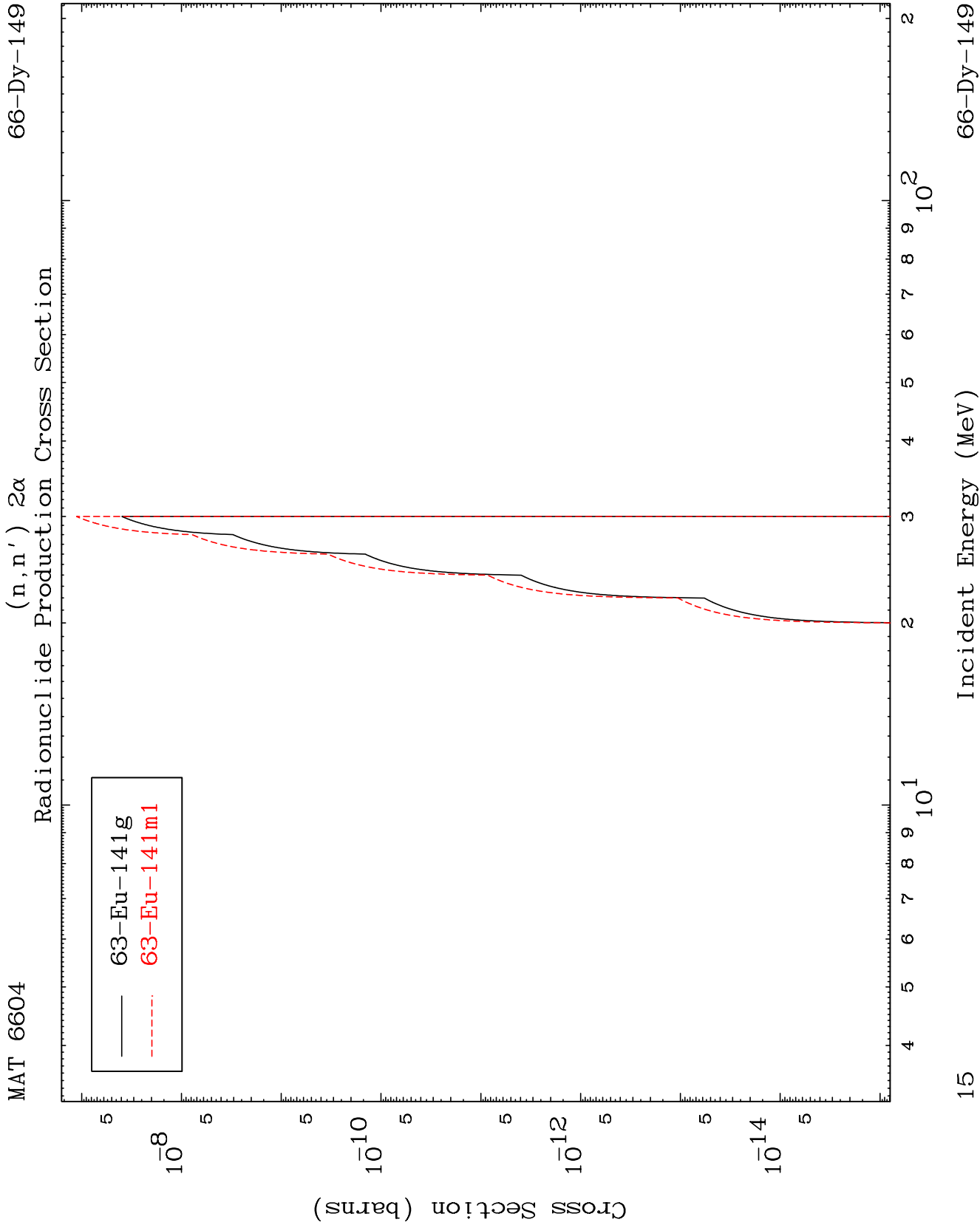
Radionuclide Production Cross Section

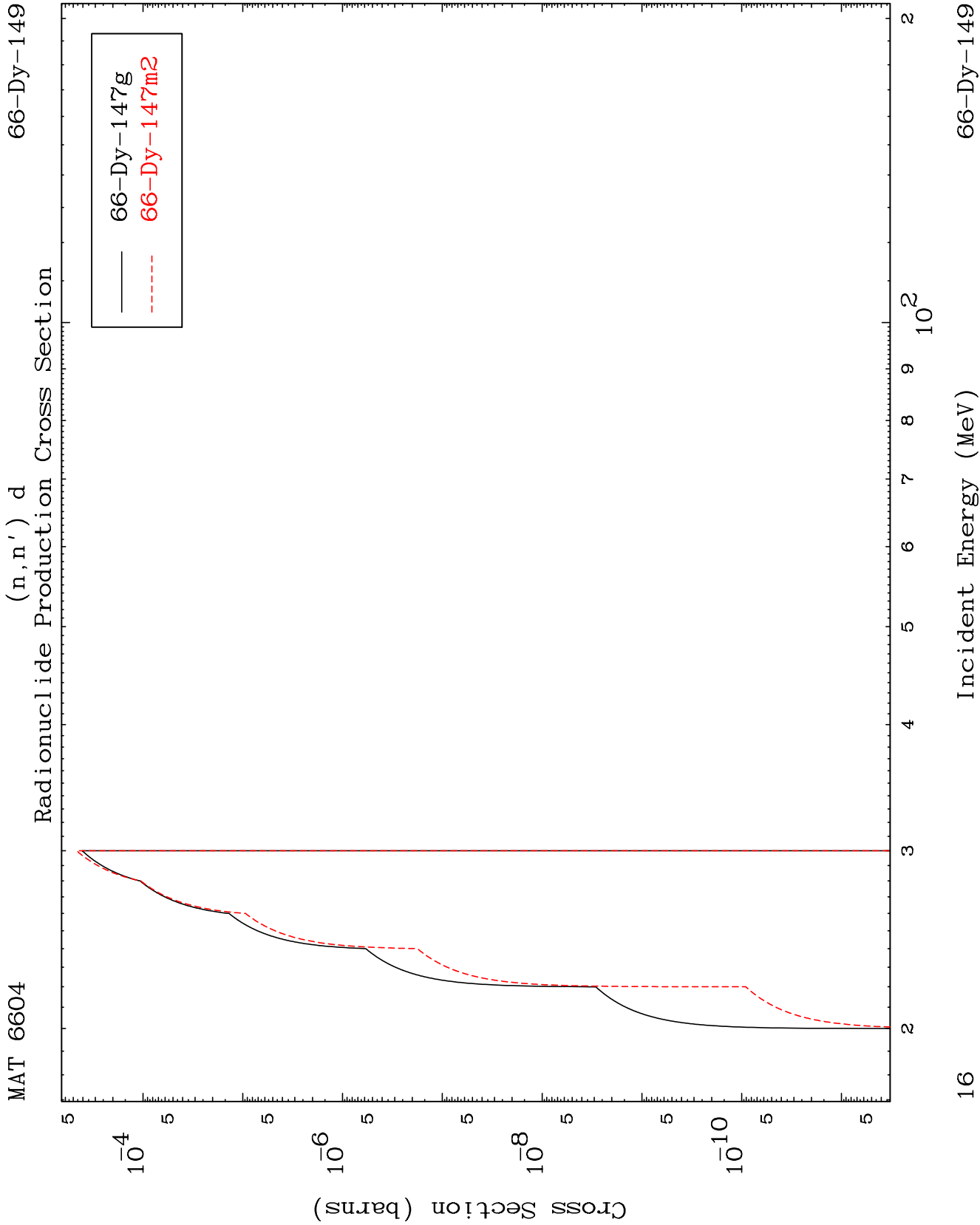


14

Incident Energy (MeV)

66-Dy-149



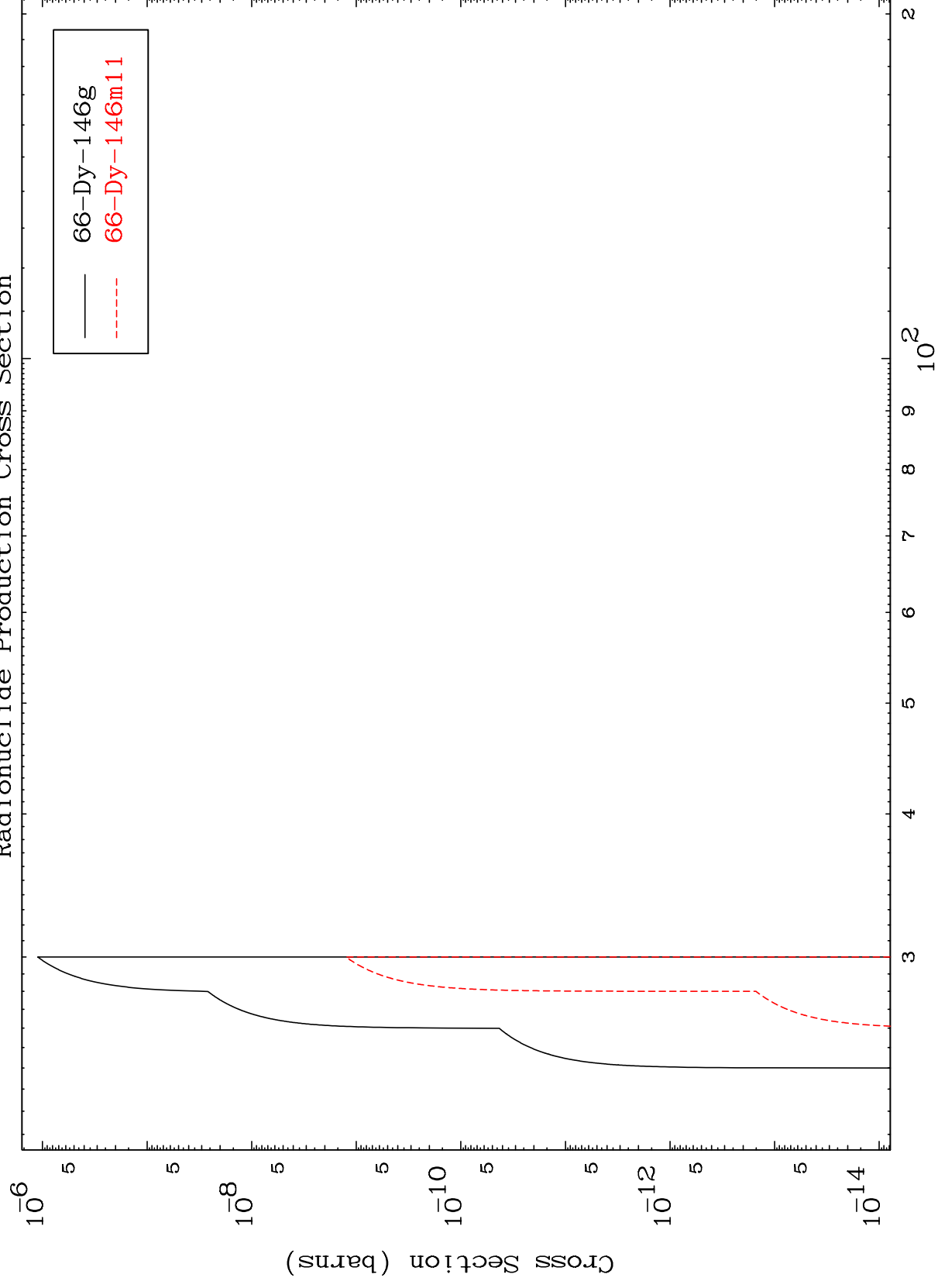


MAT 6604

 $(n, n') \text{ t}$

66-Dy-149

Radionuclide Production Cross Section



17

Incident Energy (MeV)

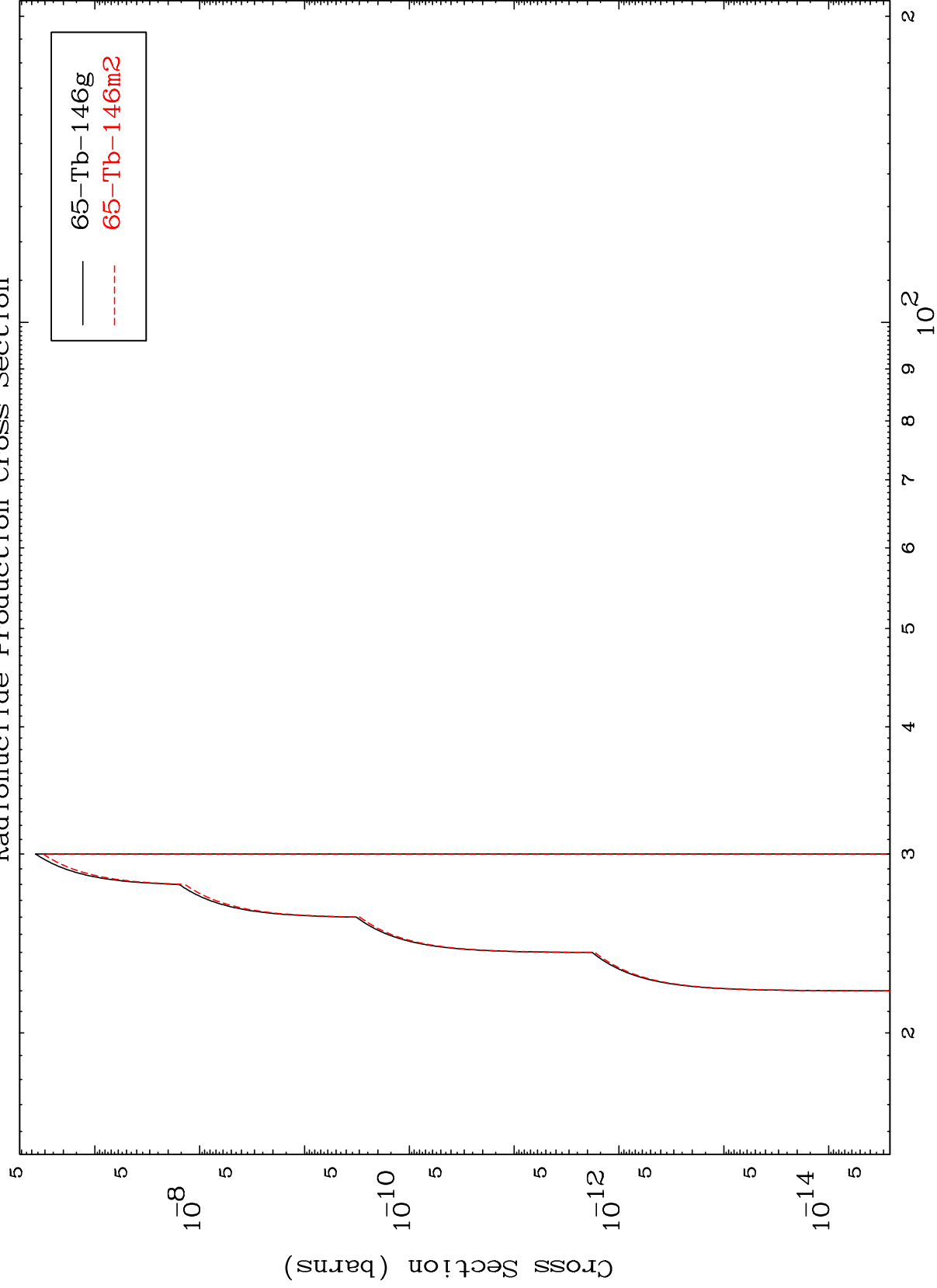
66-Dy-149

MAT 6604

(n,n') He-3

66-Dy-149

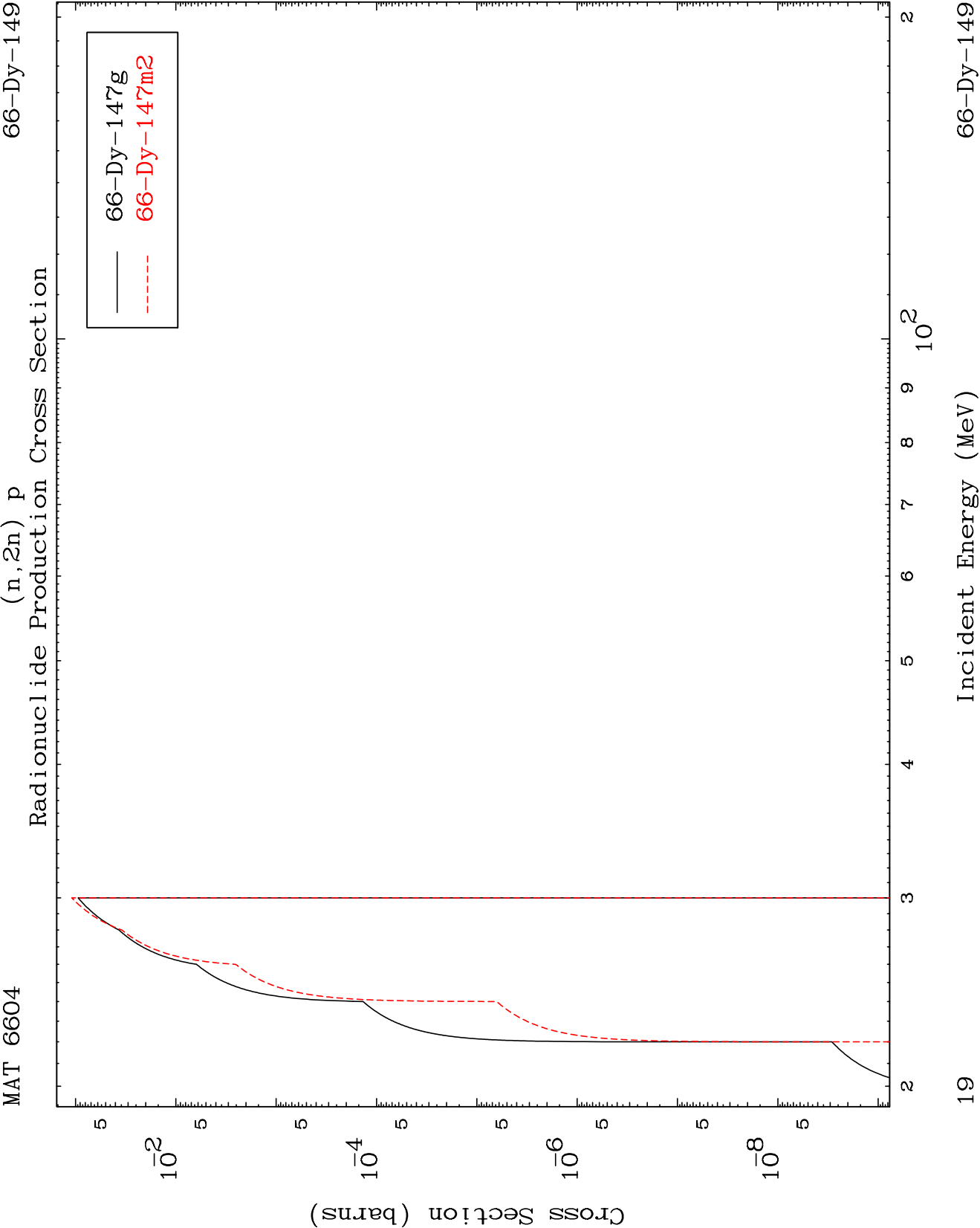
Radionuclide Production Cross Section

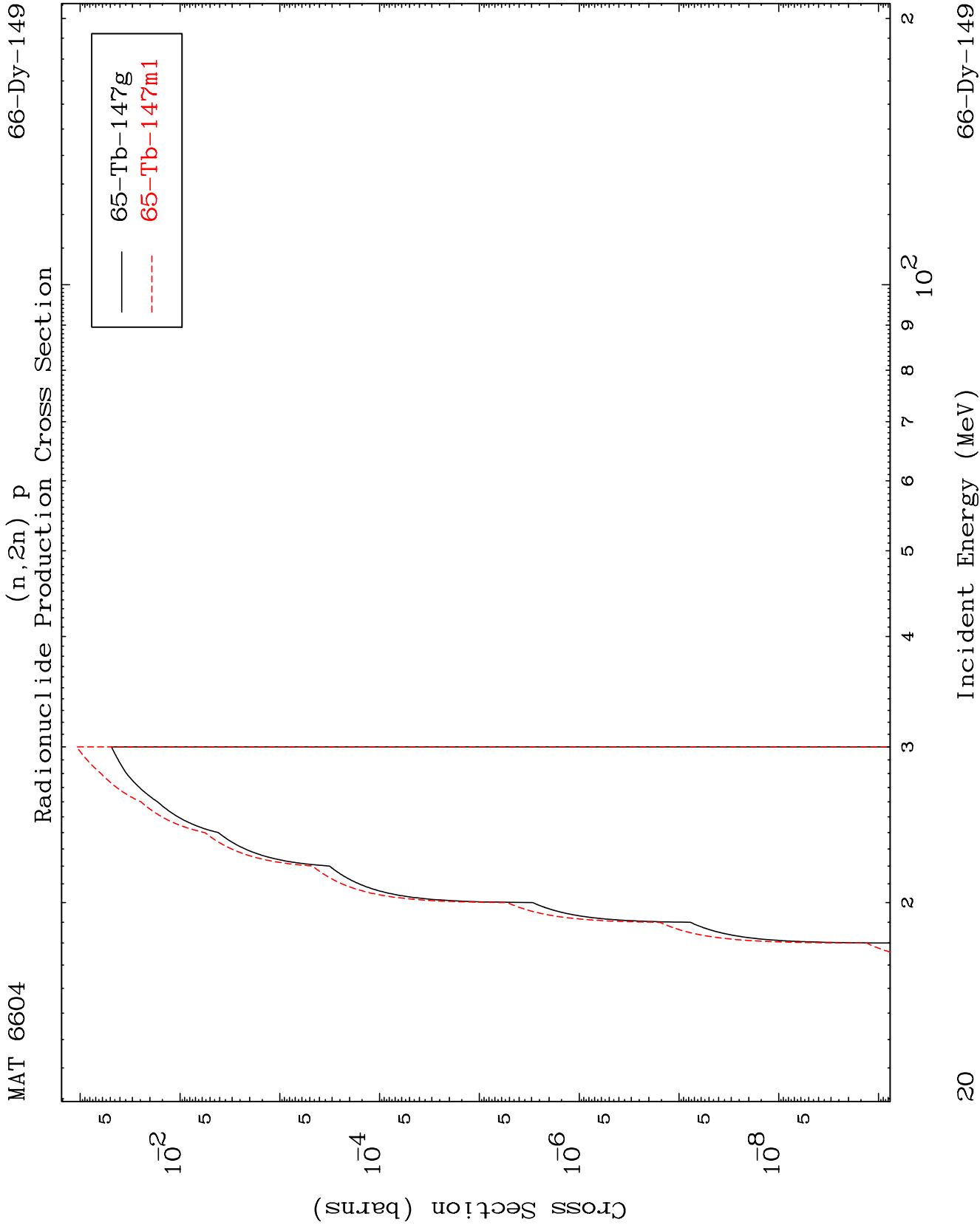


18

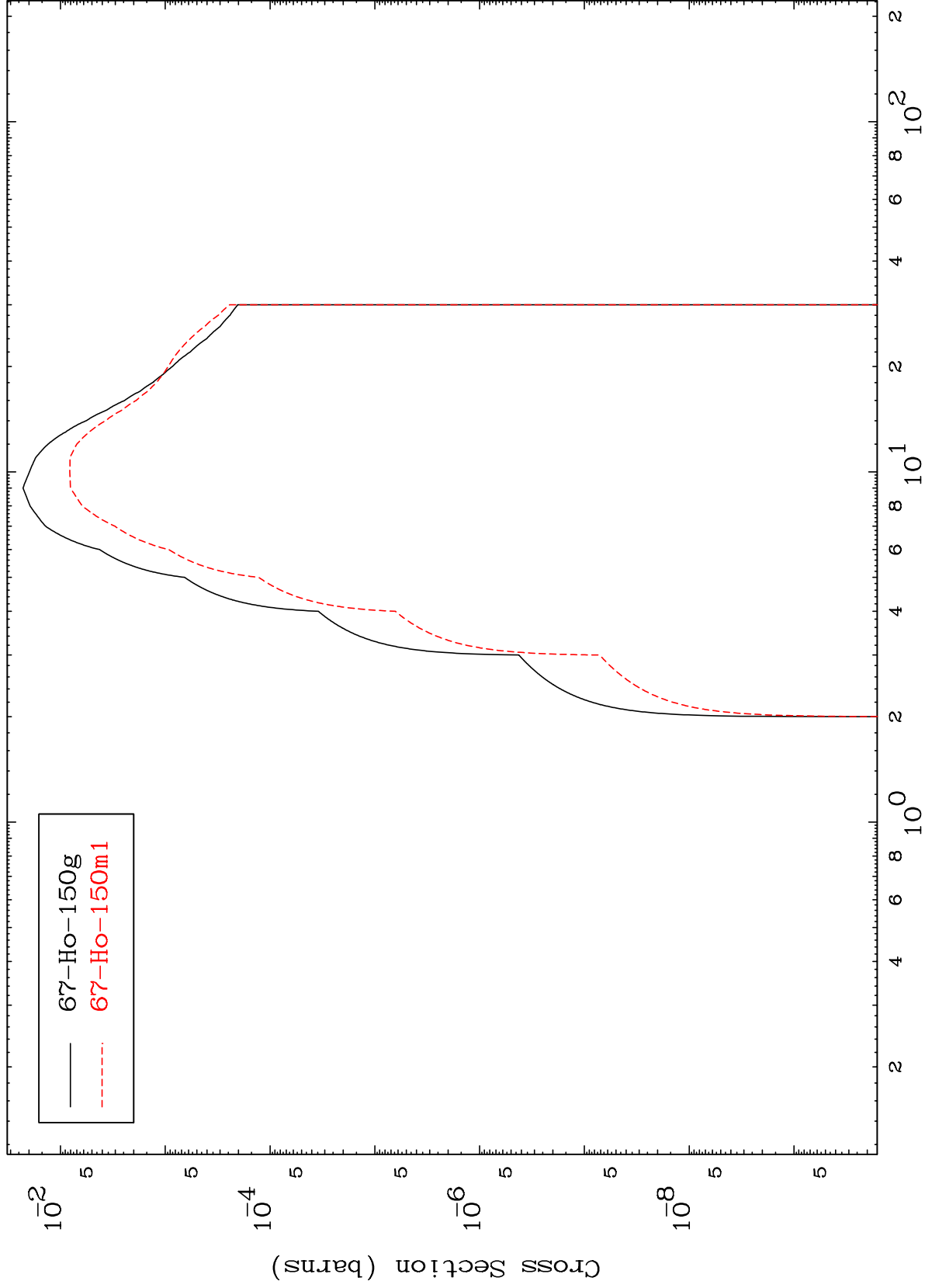
Incident Energy (MeV)

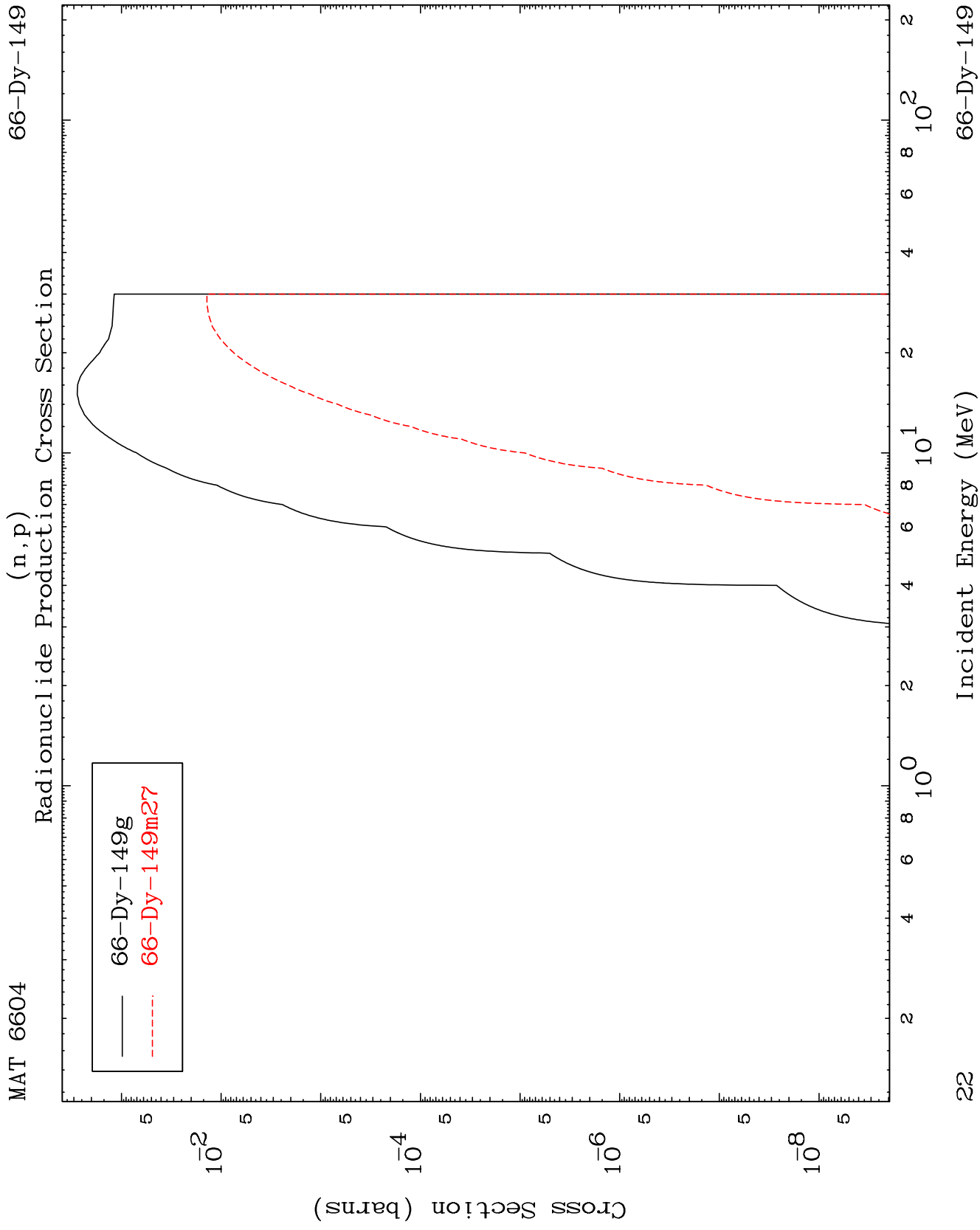
66-Dy-149

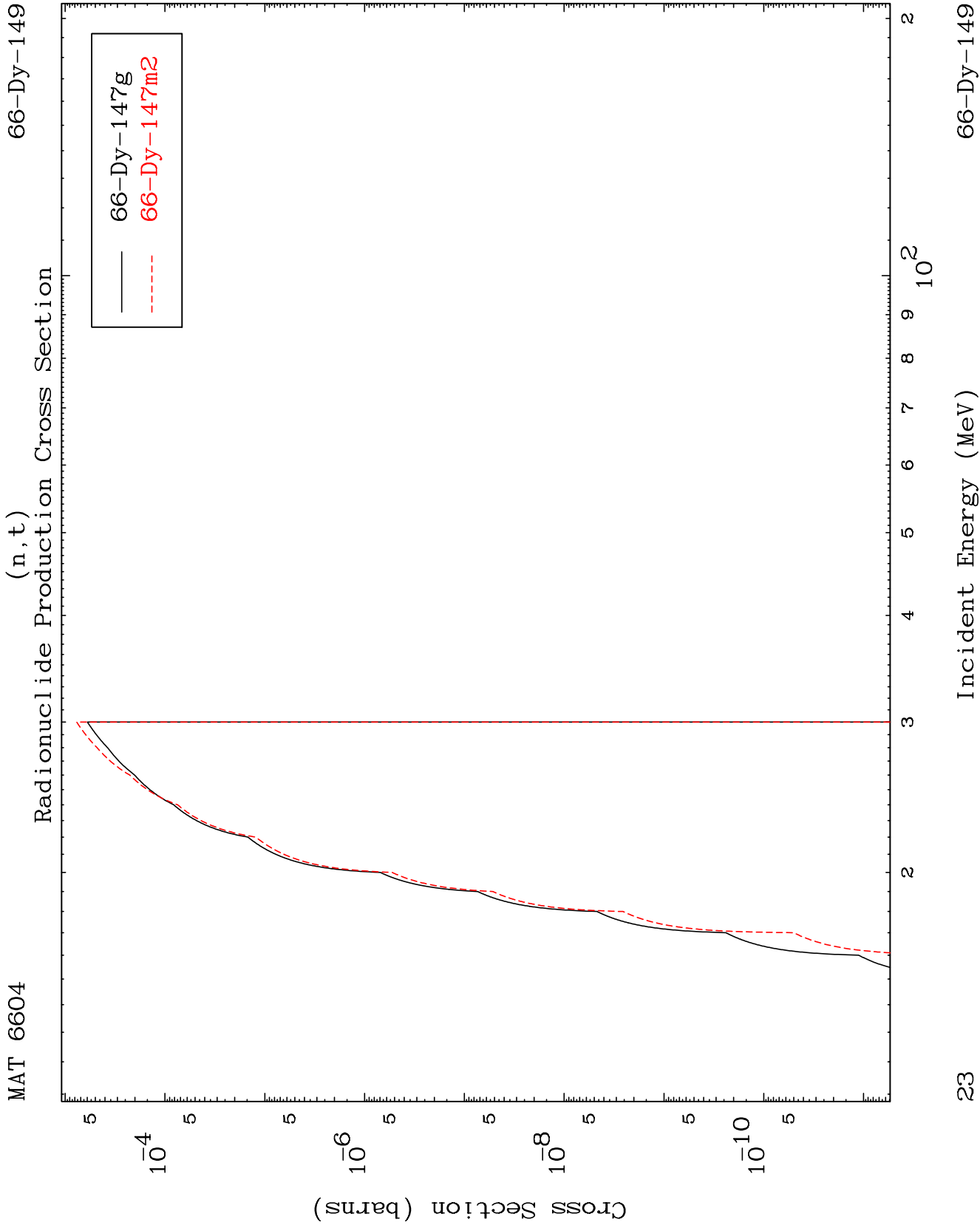




Radionuclide Production Cross Section
(n, γ)



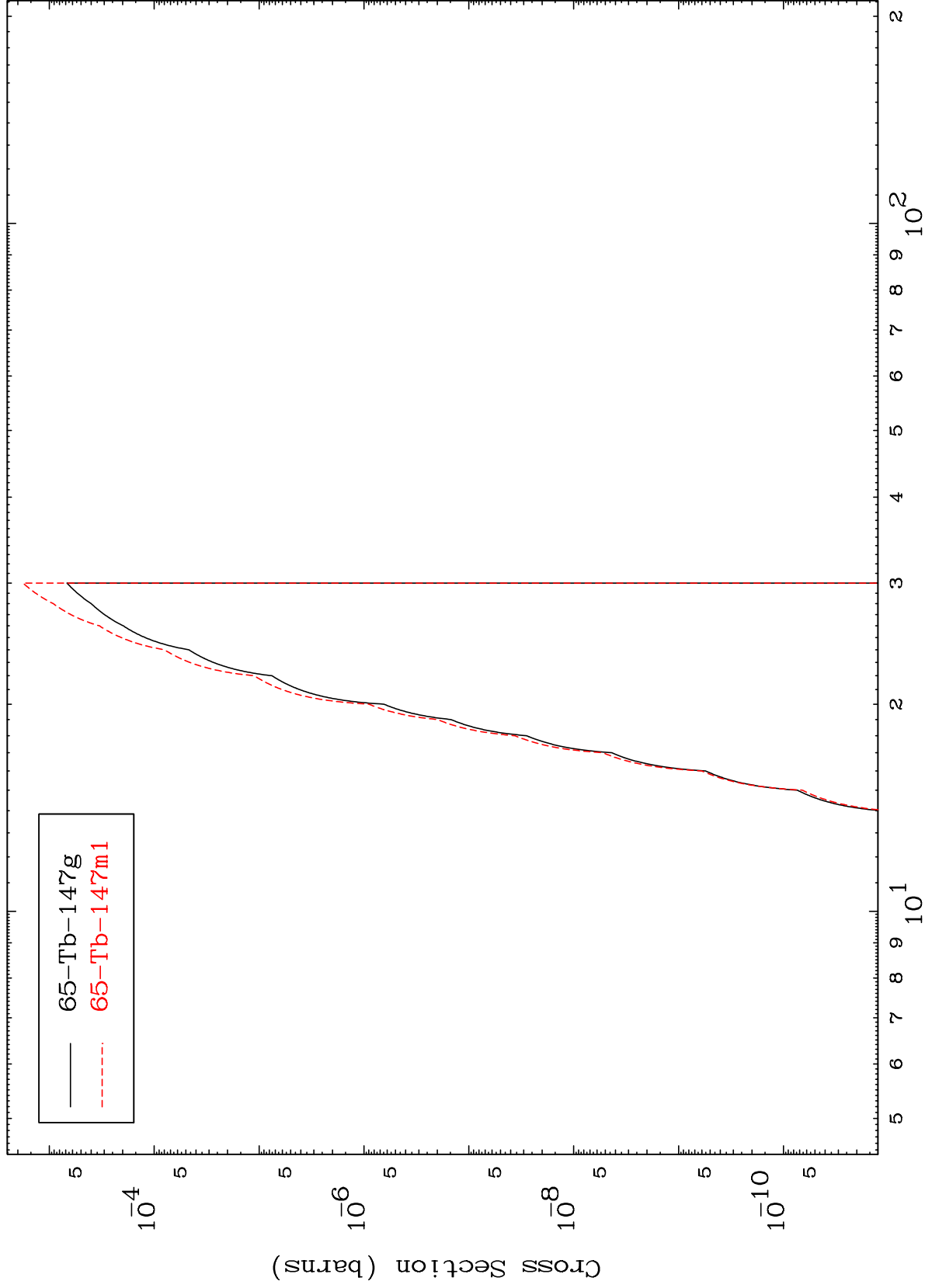




MAT 6604

66-Dy-149

(n,He-3)
Radionuclide Production Cross Section

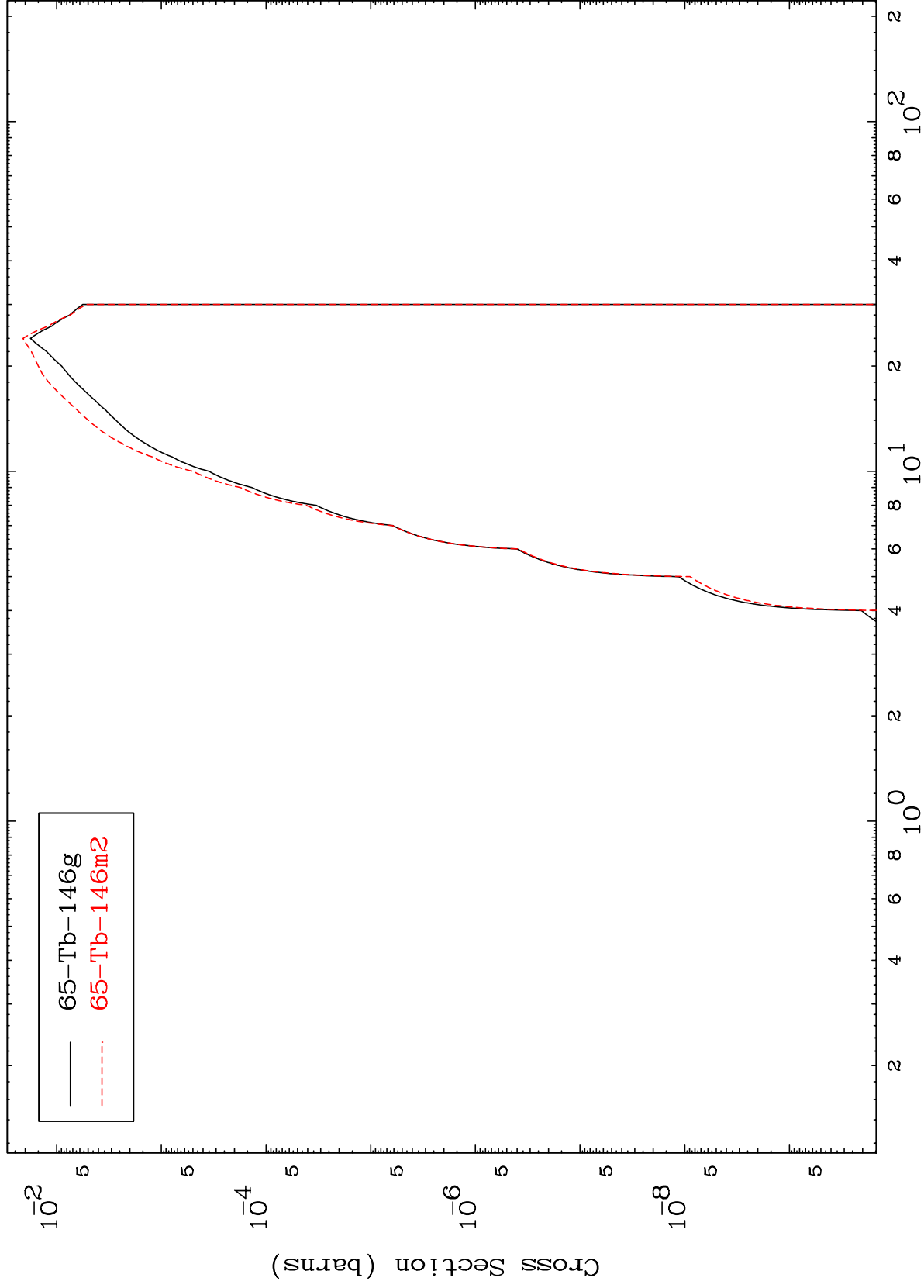


24

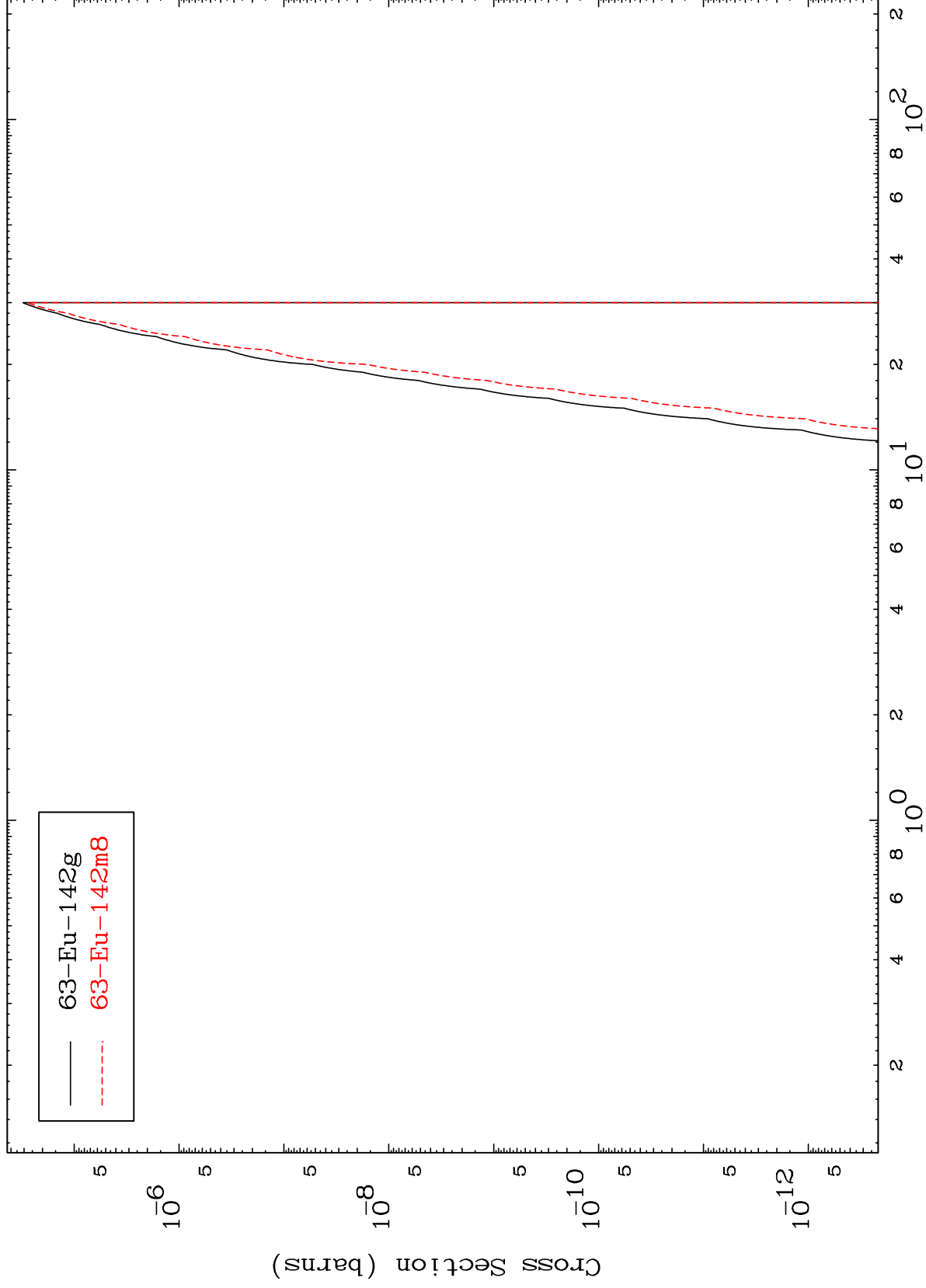
Incident Energy (MeV)

66-Dy-149

Radionuclide Production Cross Section
(n, α)

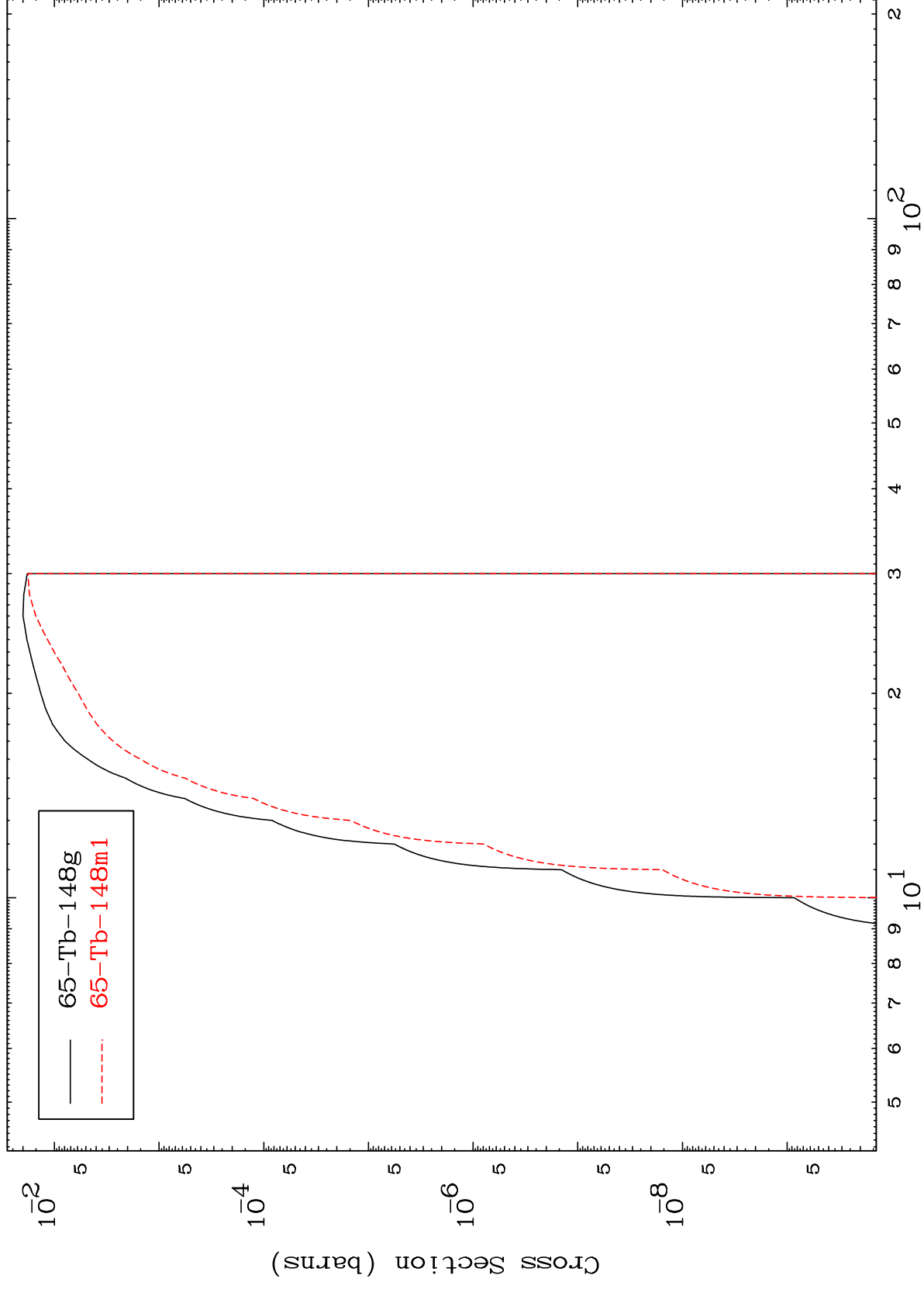


Radionuclide Production Cross Section
(n,2α)



MAT 6604

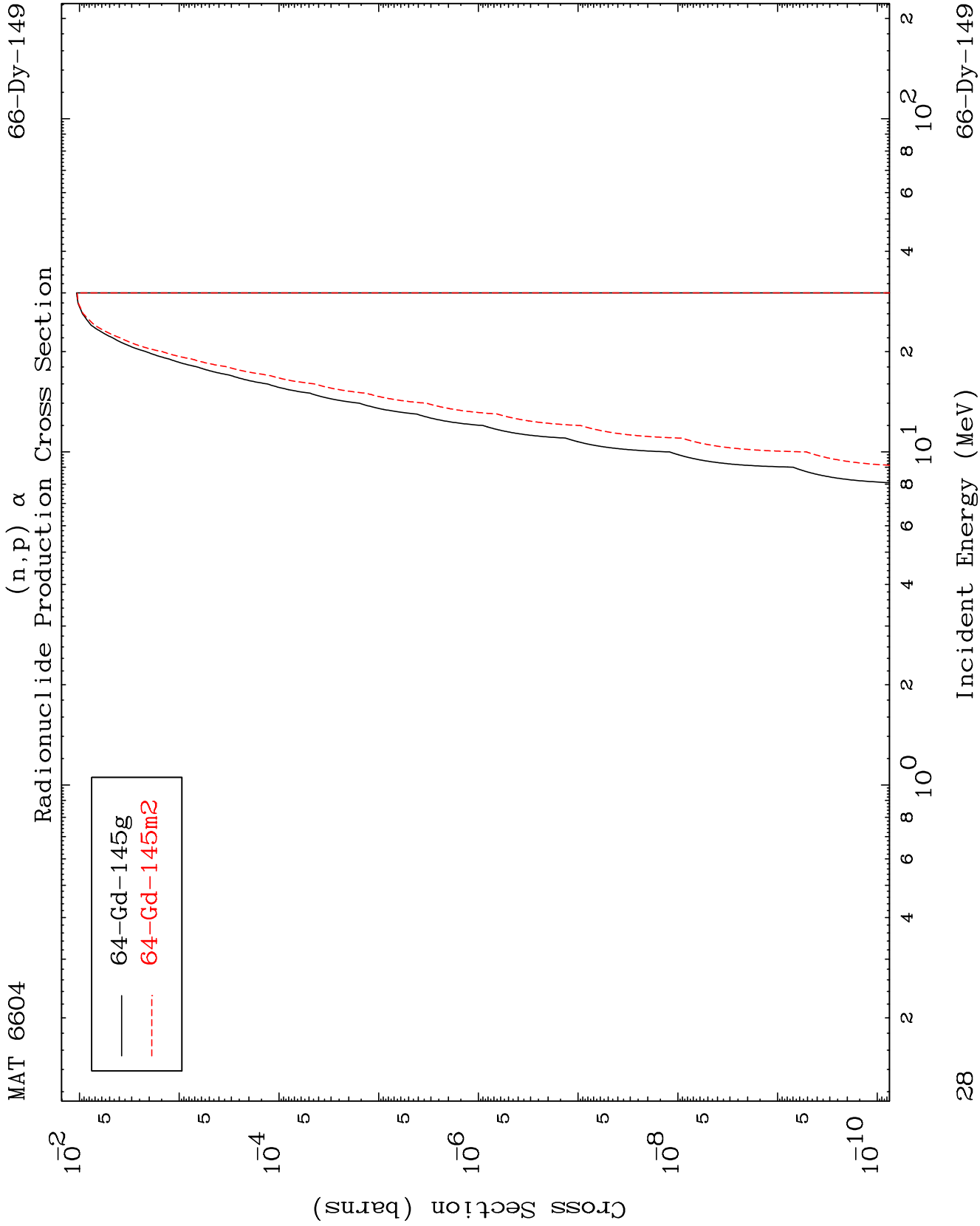
66-Dy-149

Radionuclide Production Cross Section
(n,2p)
$$(n, 2p)$$


22

Incident Energy (MeV)

66-Dy-149



MAT 6604

66-Dy-149

$$(n, p) \text{ d}$$

Radionuclide Production Cross Section

