

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

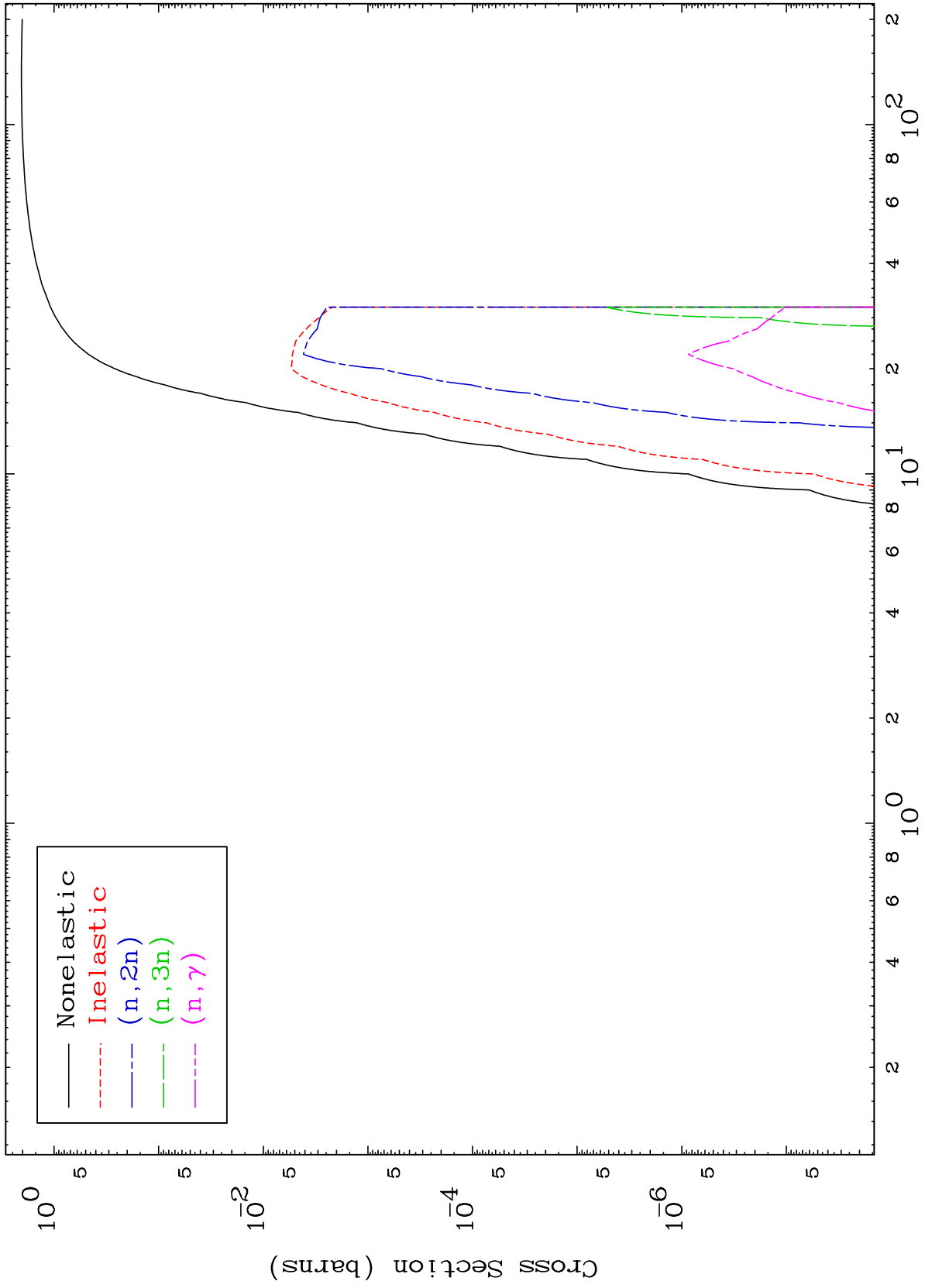
Press Mouse Button to Start

MAT 6486

He-3 Major

65-Tb-146

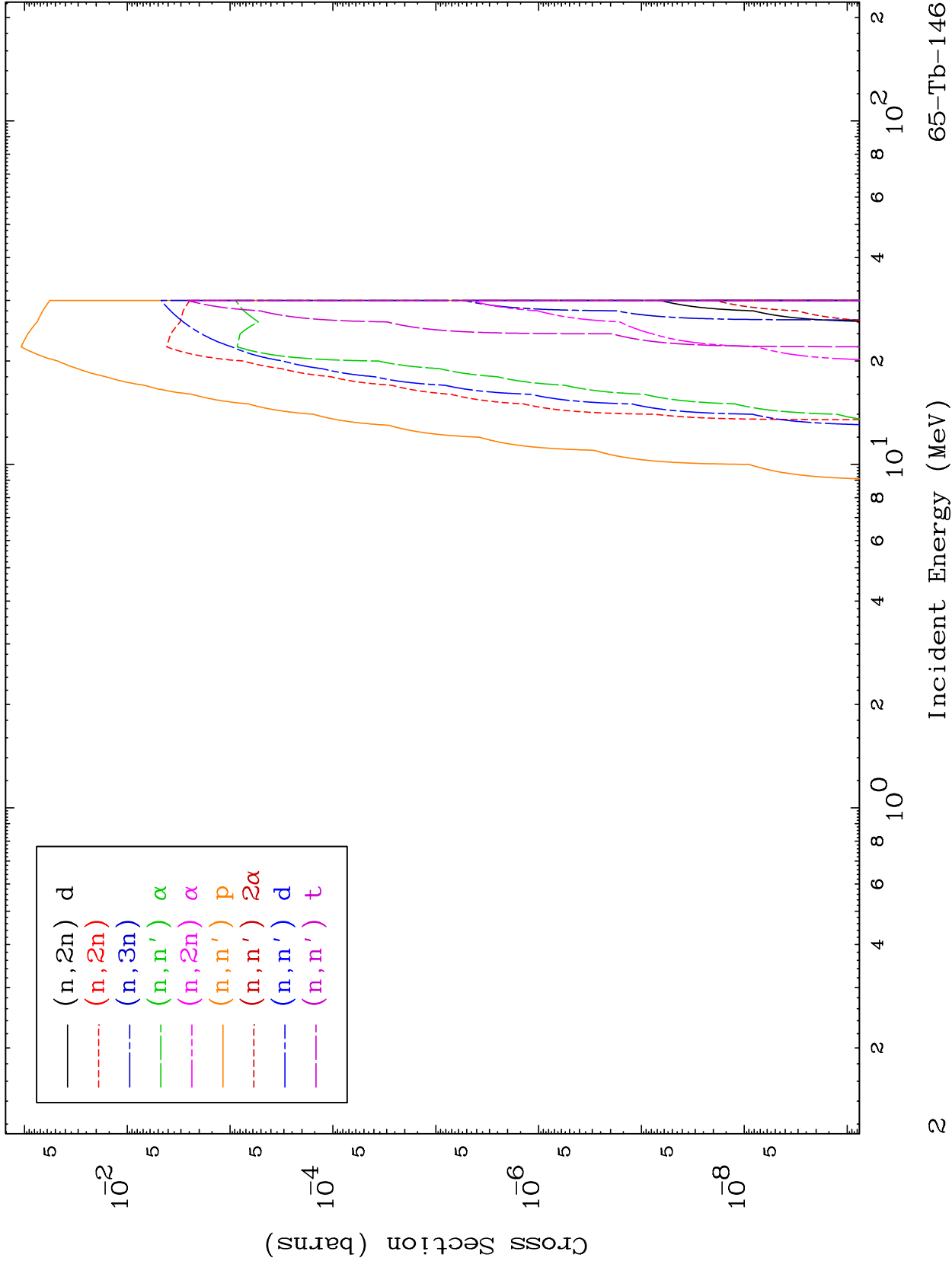
0 Kelvin Cross Sections

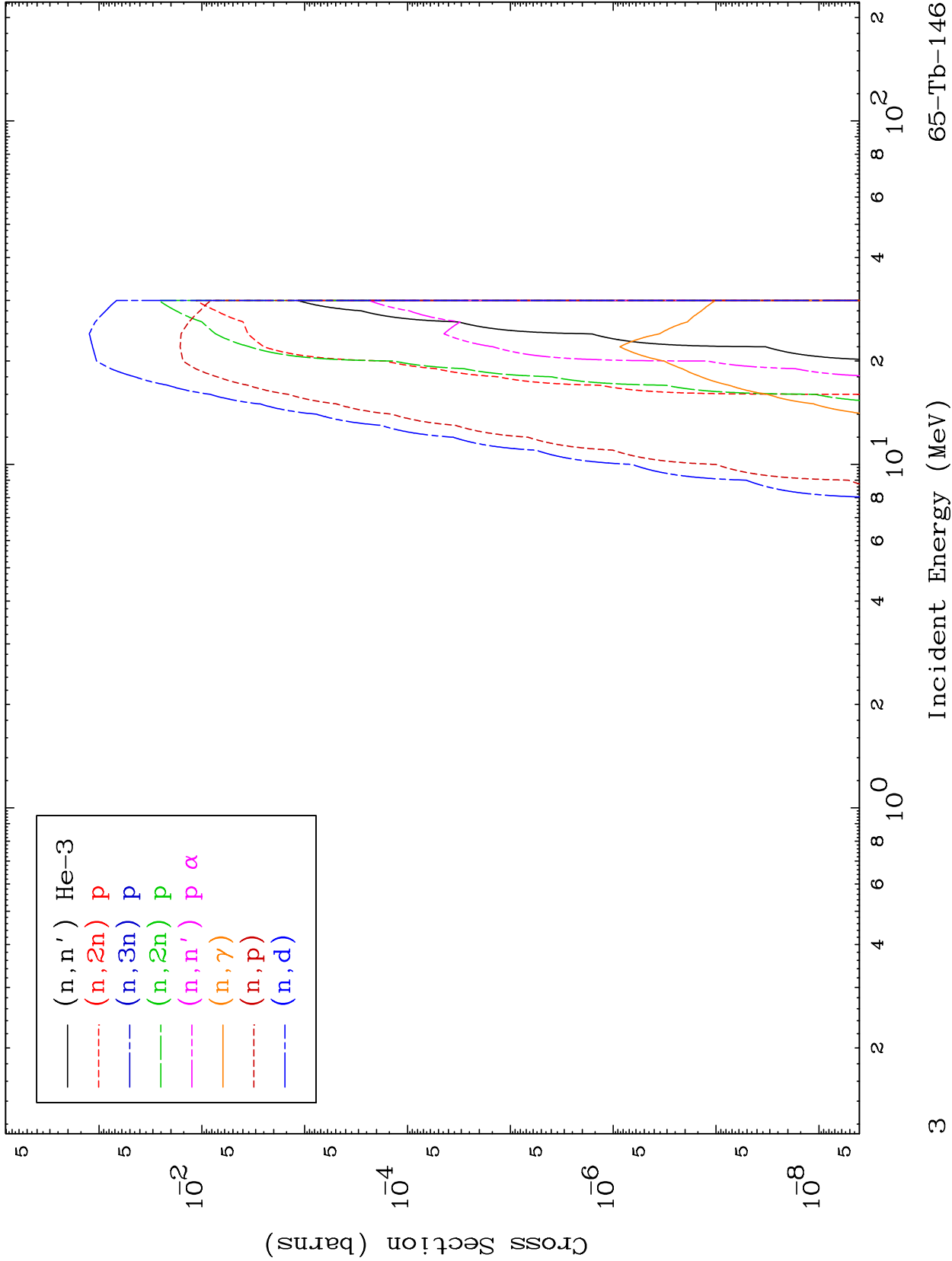


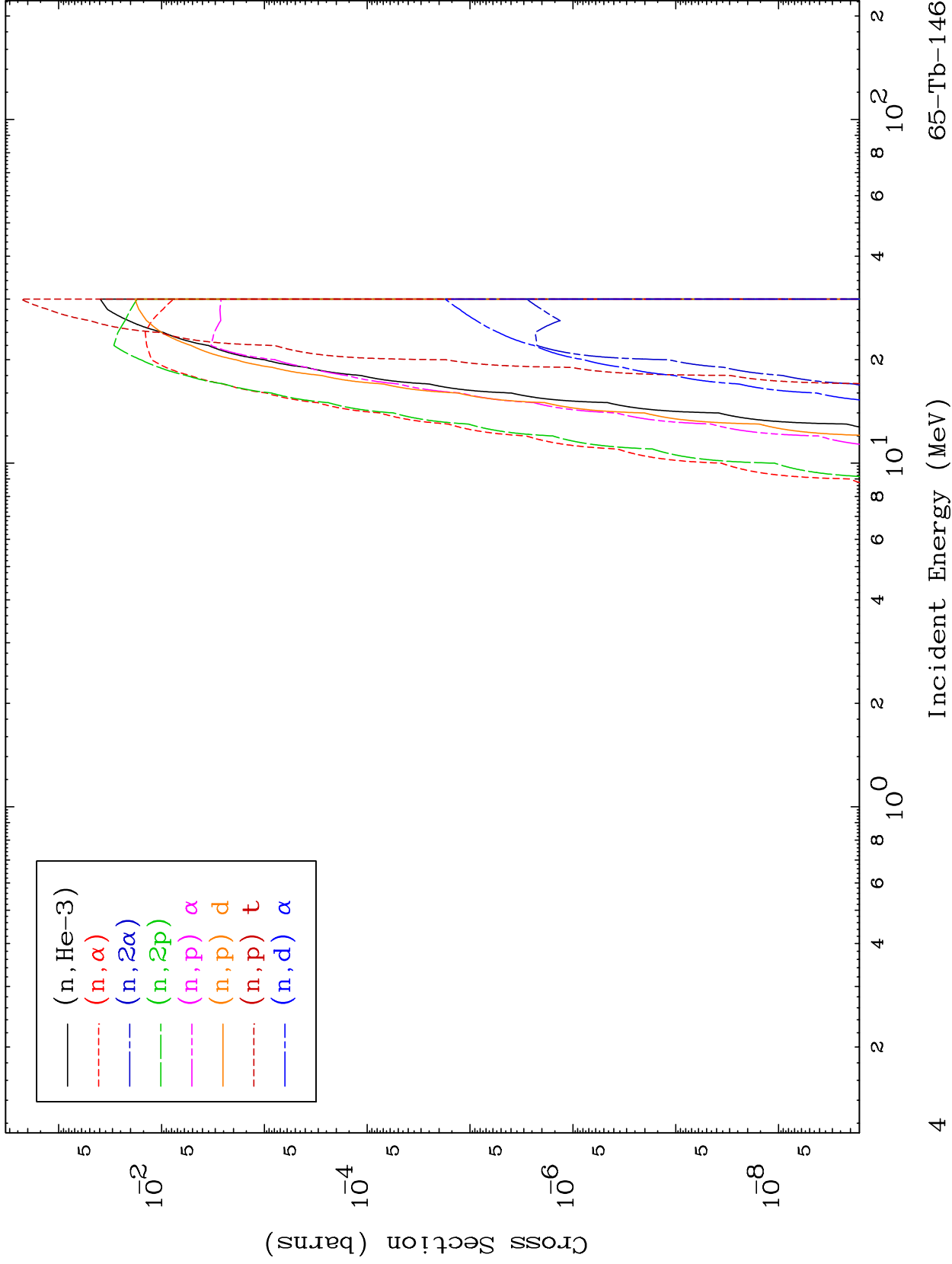
MAT 6486

He-3 Neutron Absorption
0 Kelvin Cross Sections

65-Tb-146



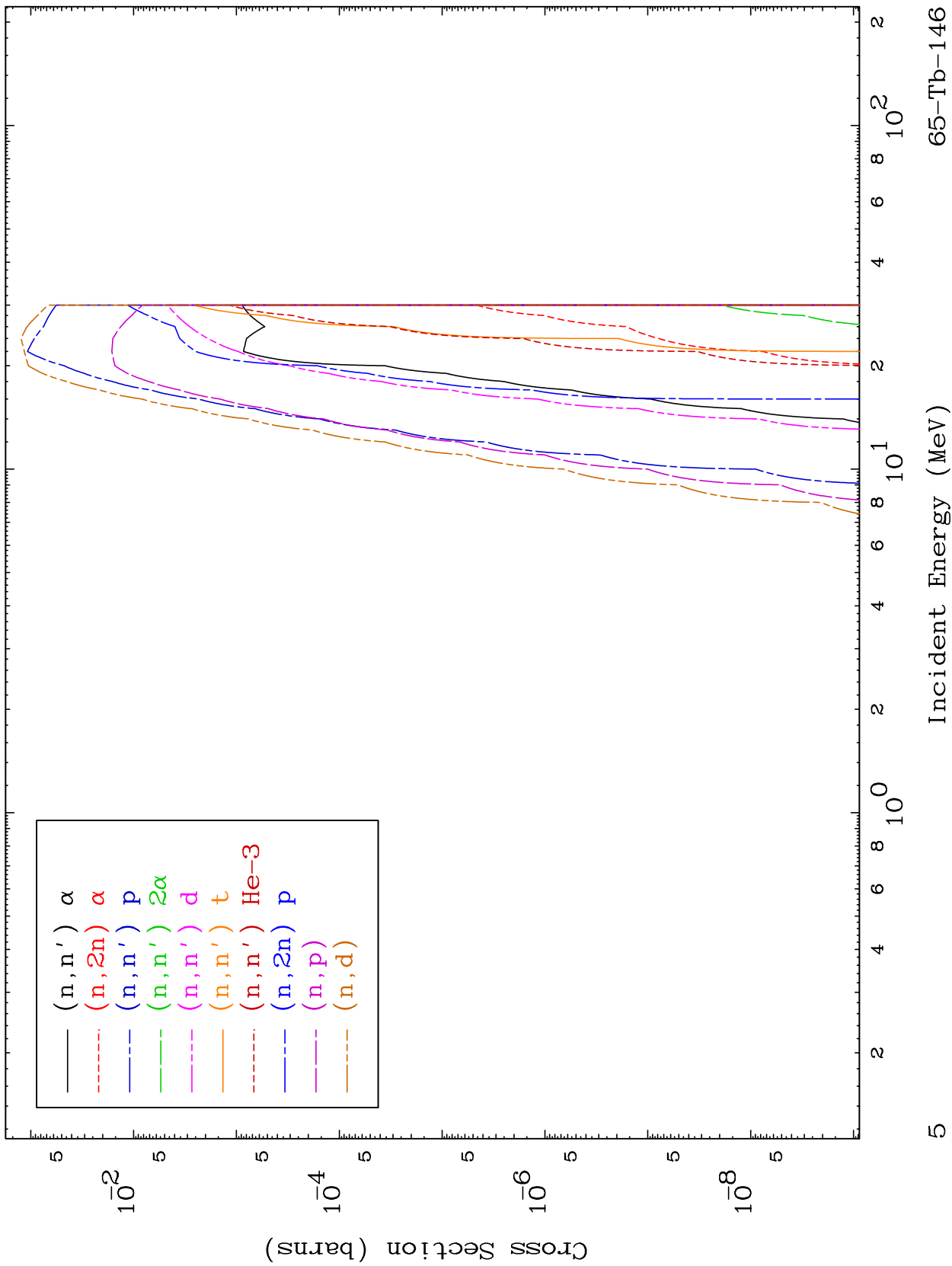




MAT 6486

He-3 Charged Particle
0 Kelvin Cross Sections

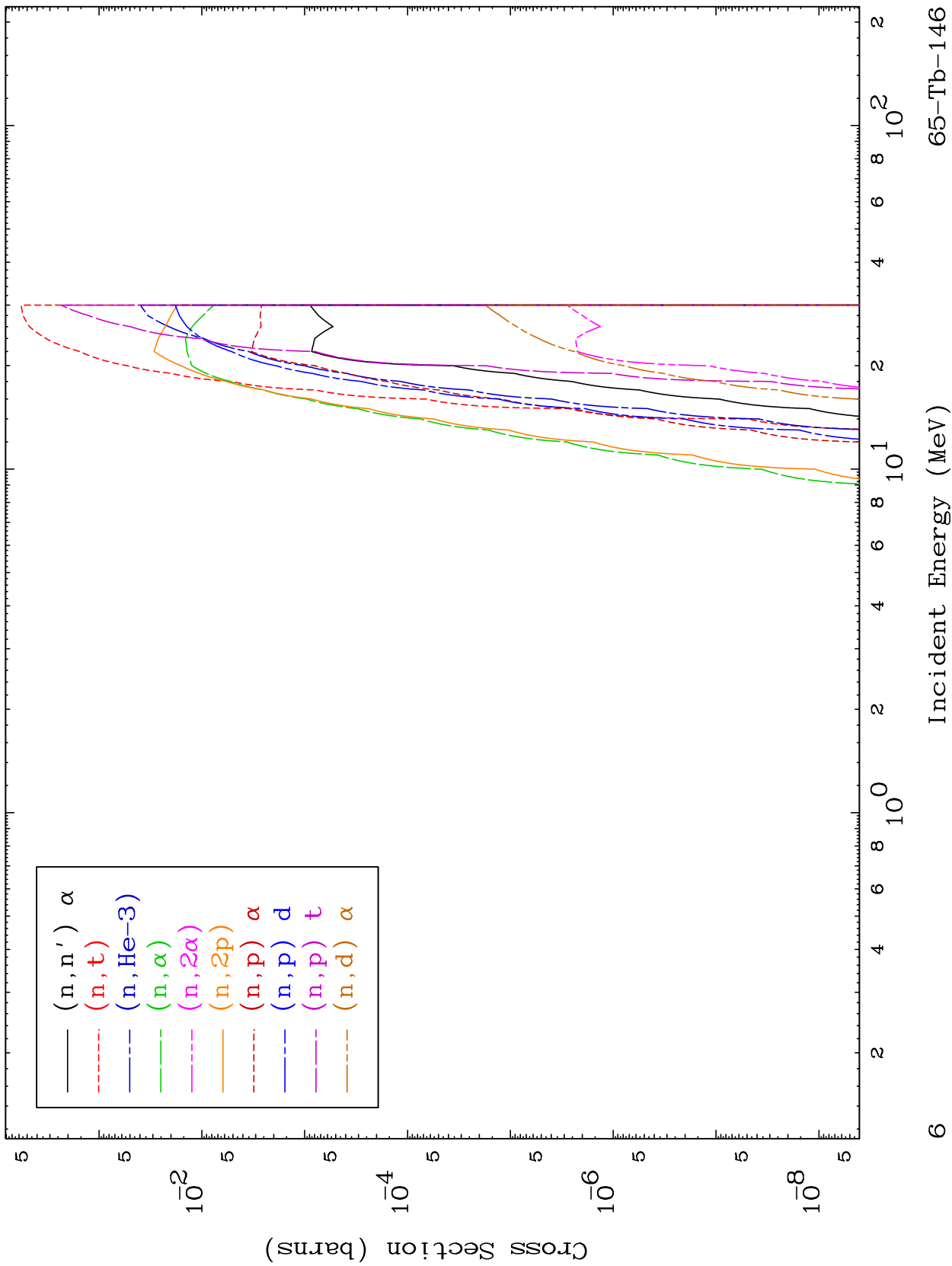
65-Tb-146



MAT 6486

He-3 Charged Particle
0 Kelvin Cross Sections

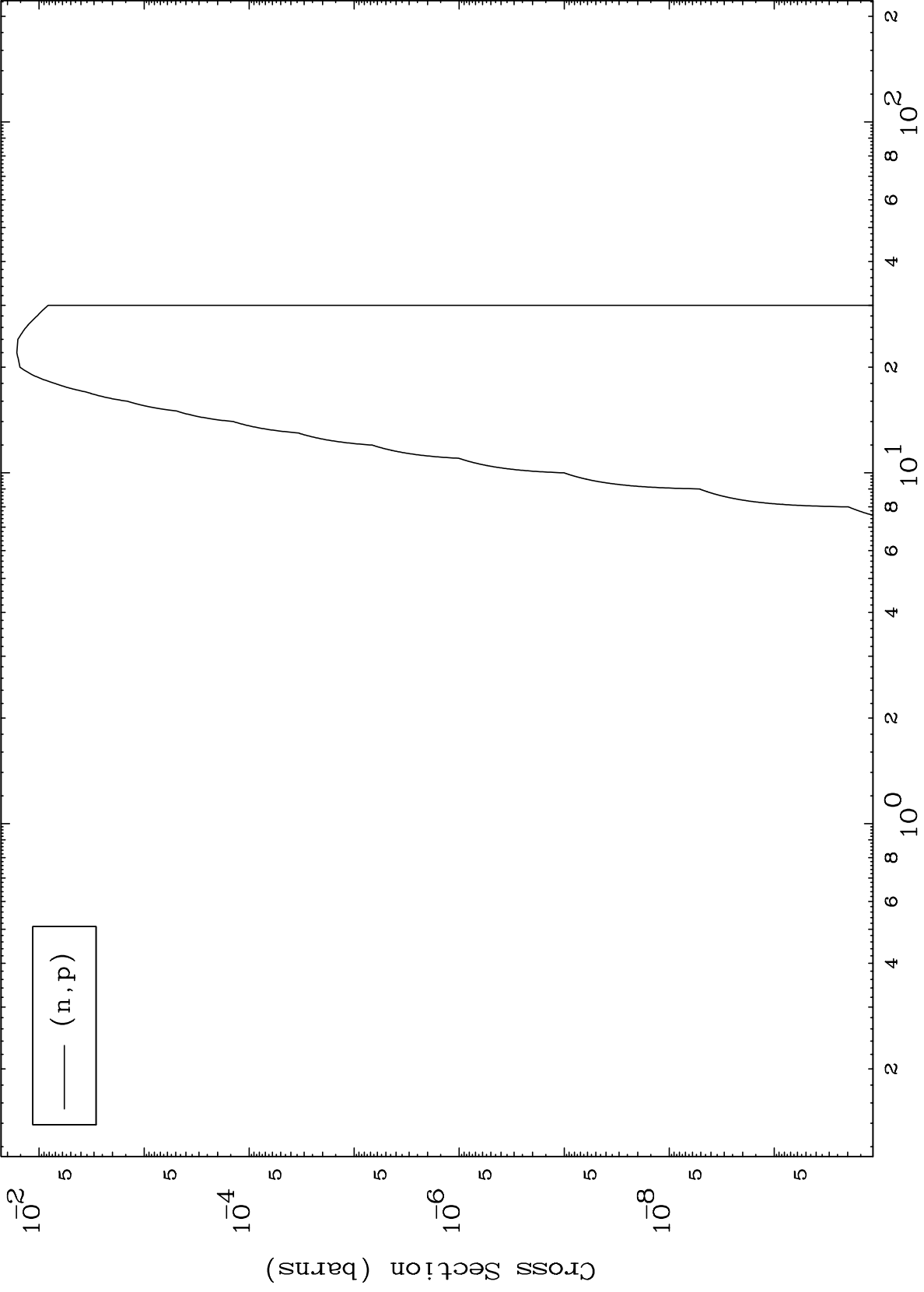
65-Tb-146



MAT 6486

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

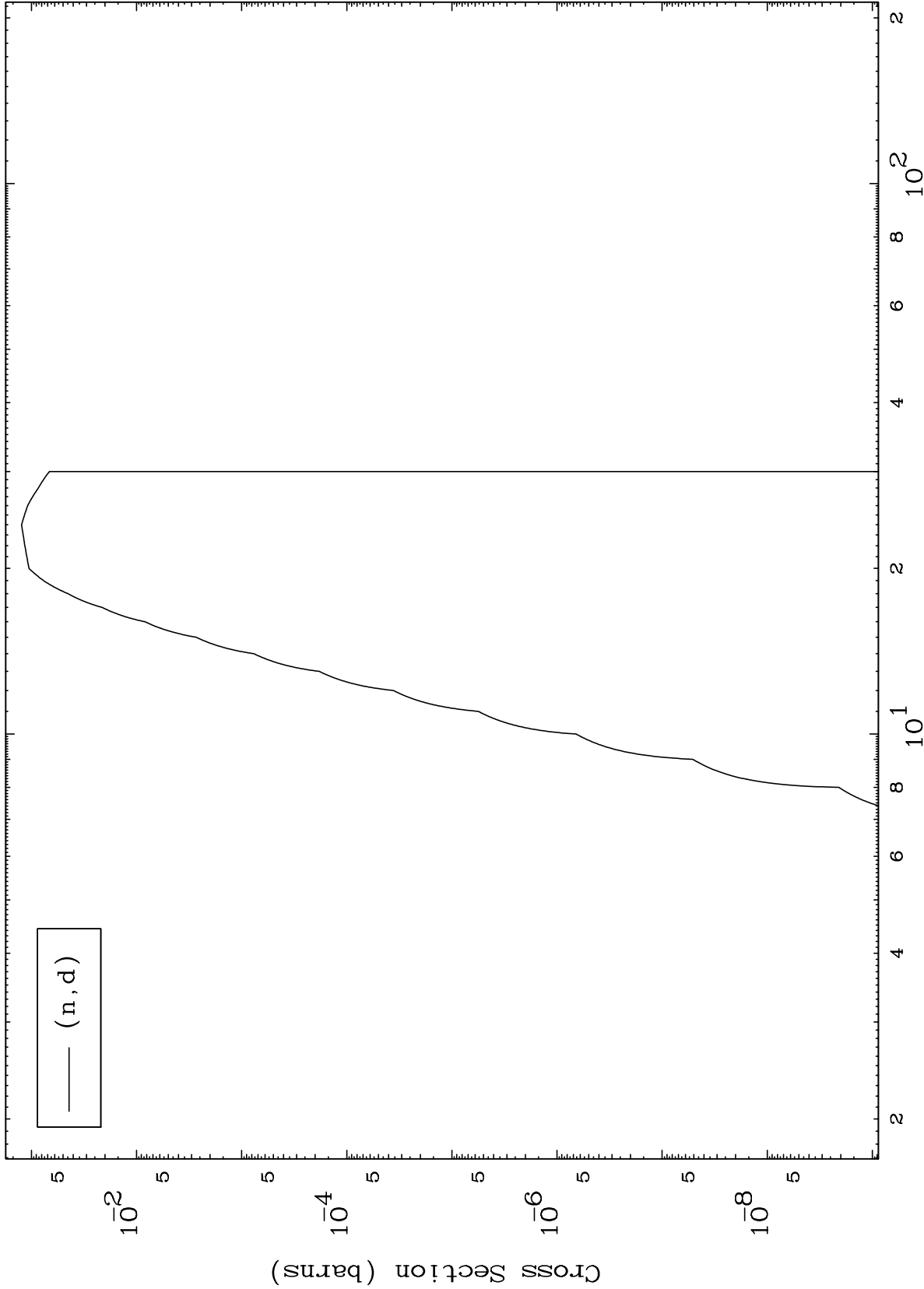
65-Tb-146



MAT 6486

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

65-Tb-146



8

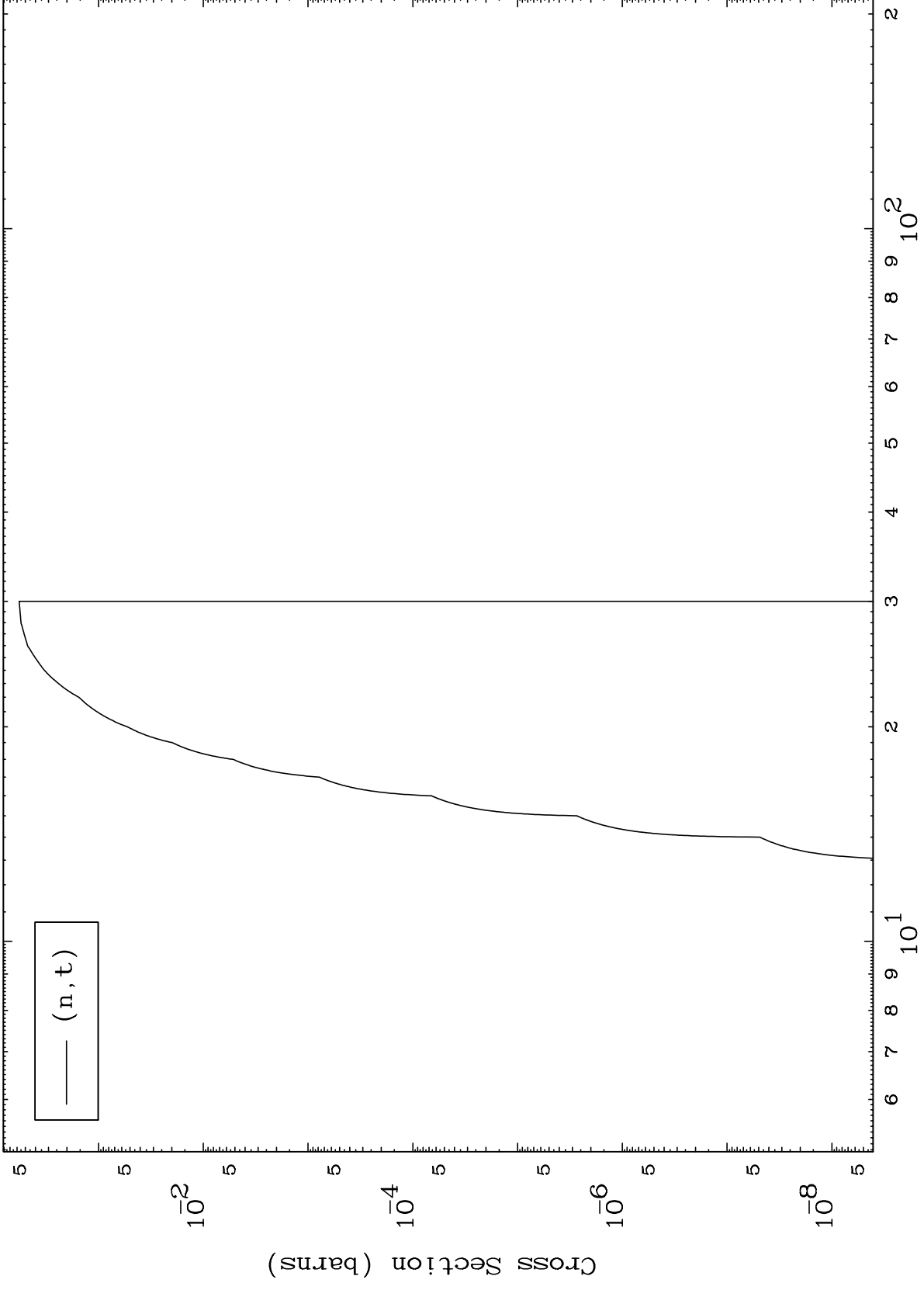
Incident Energy (MeV)

65-Tb-146

MAT 6486

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

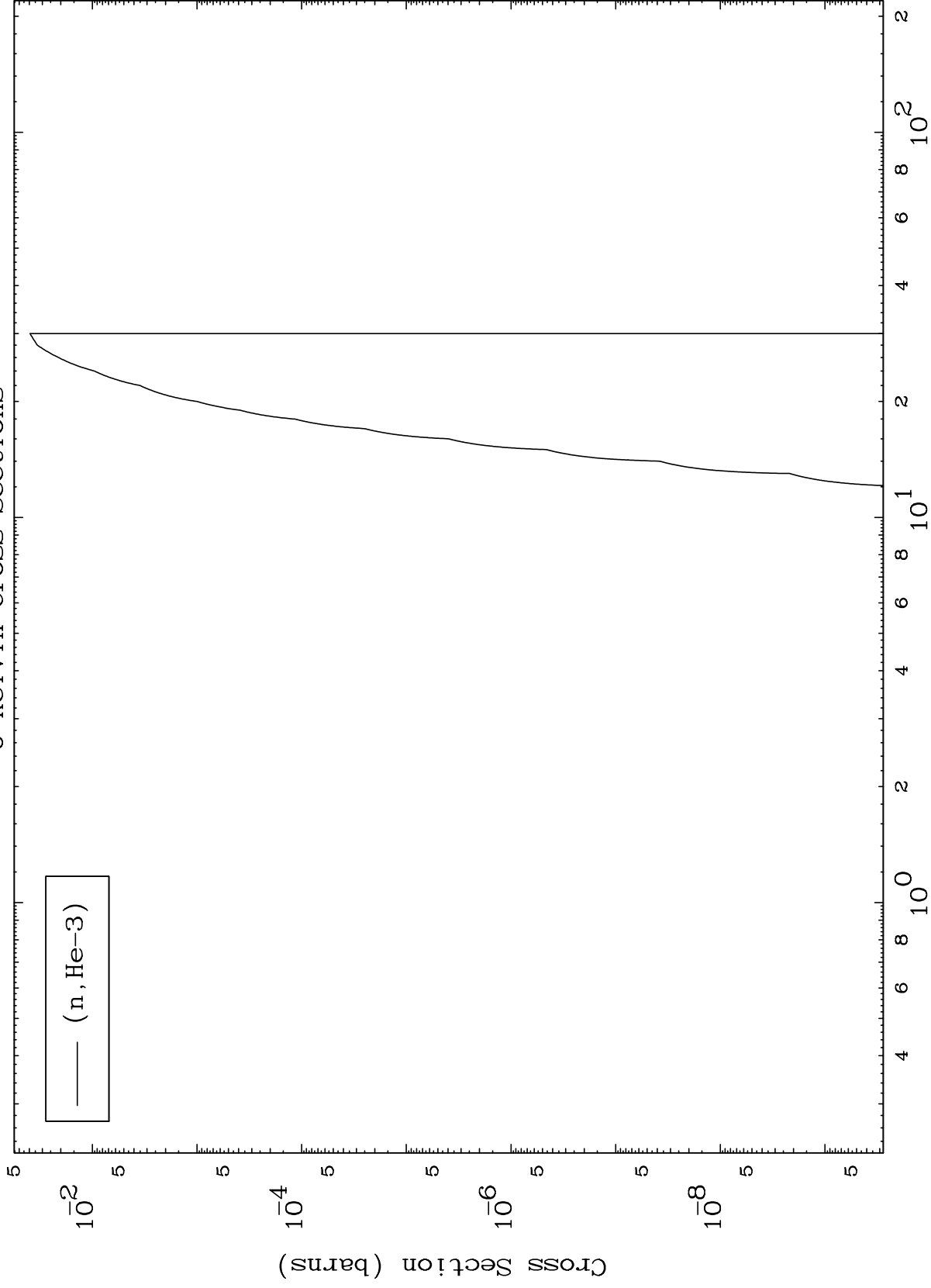
65-Tb-146



MAT 6486

(He-3, He3) Levels
0 Kelvin Cross Sections

65-Tb-146



10

Incident Energy (MeV)

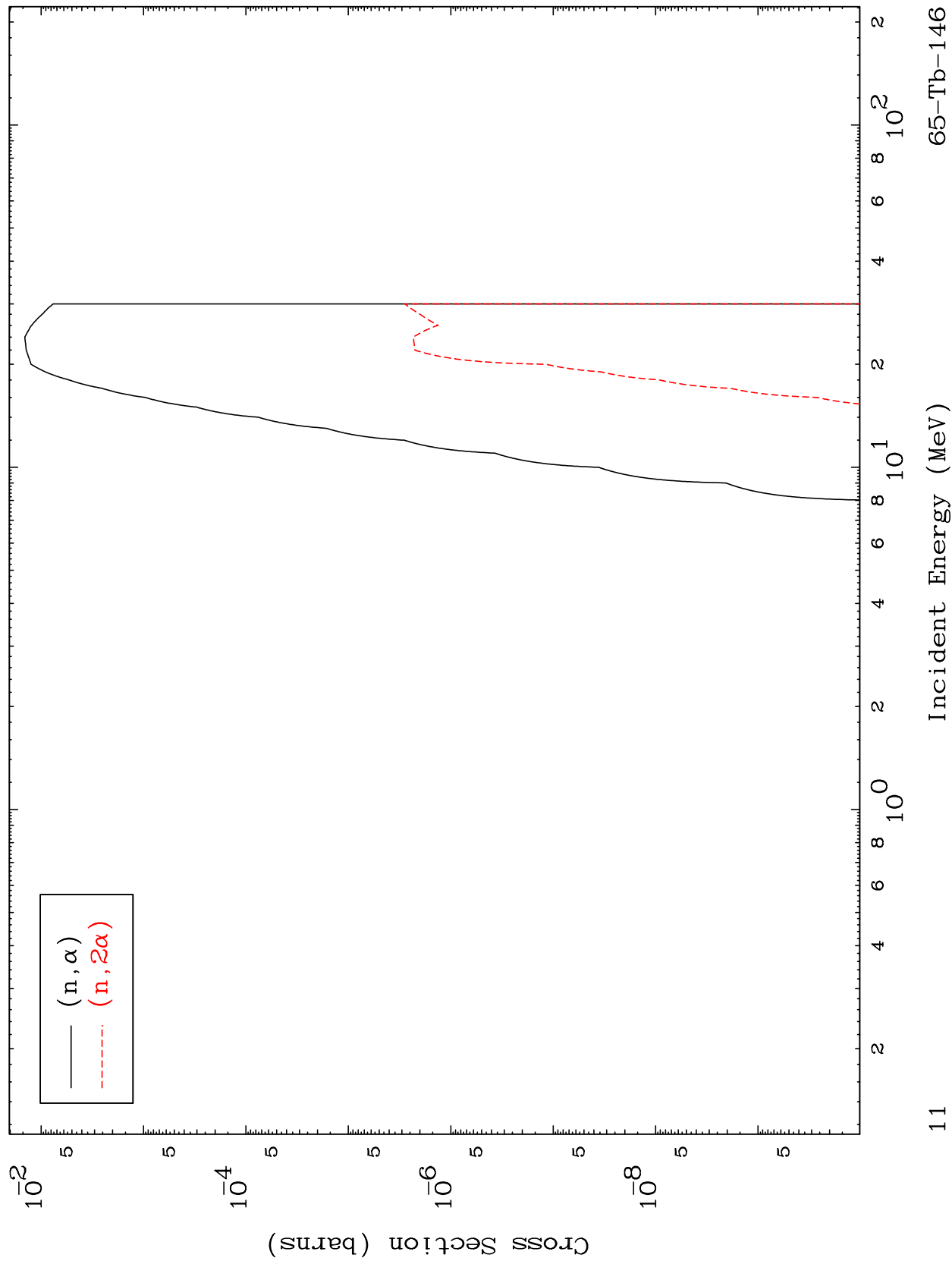
65-Tb-146

MAT 6486

(He-3, α) Levels

65-Tb-146

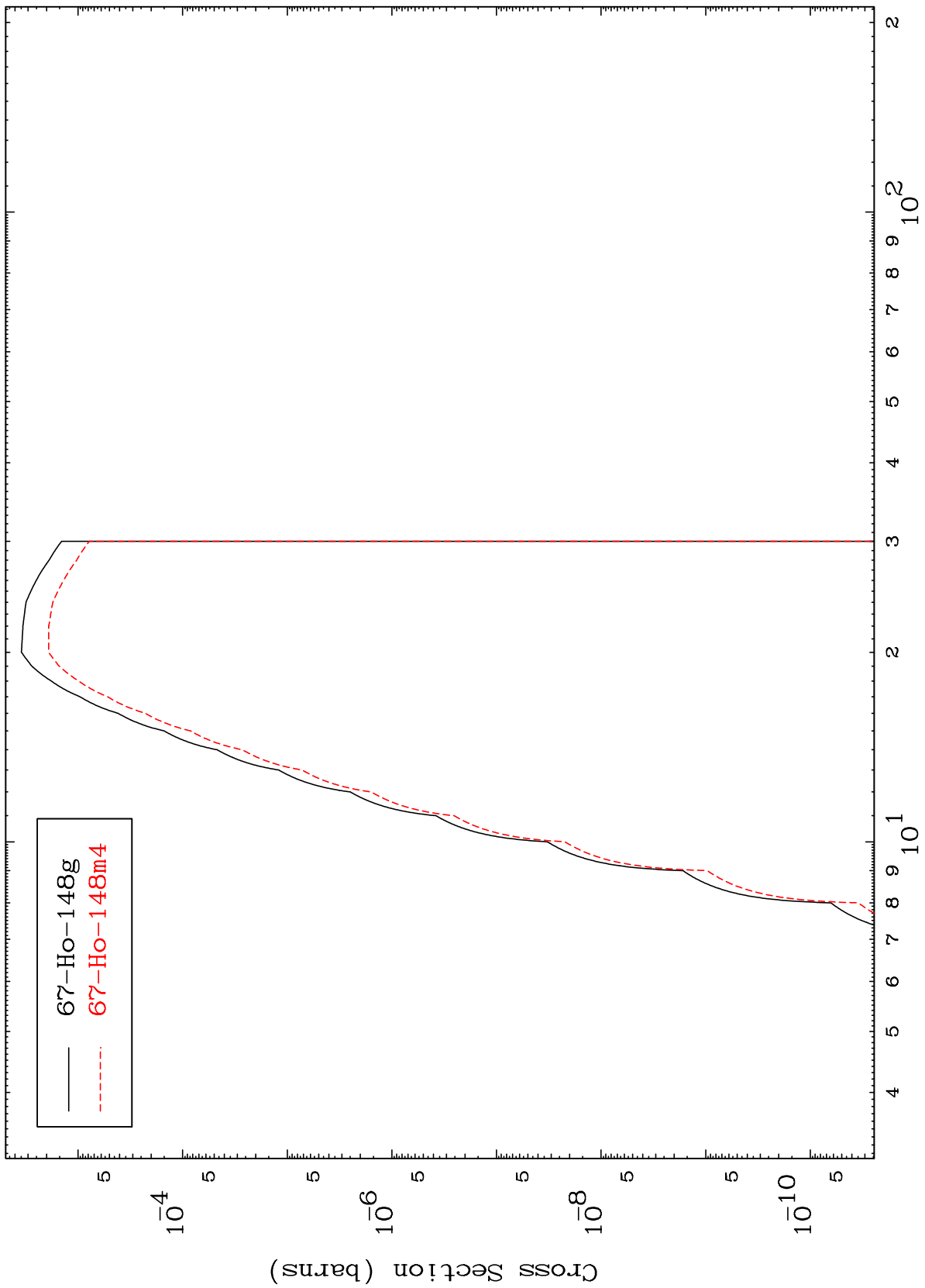
0 Kelvin Cross Sections



MAT 6486

65-Tb-146

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

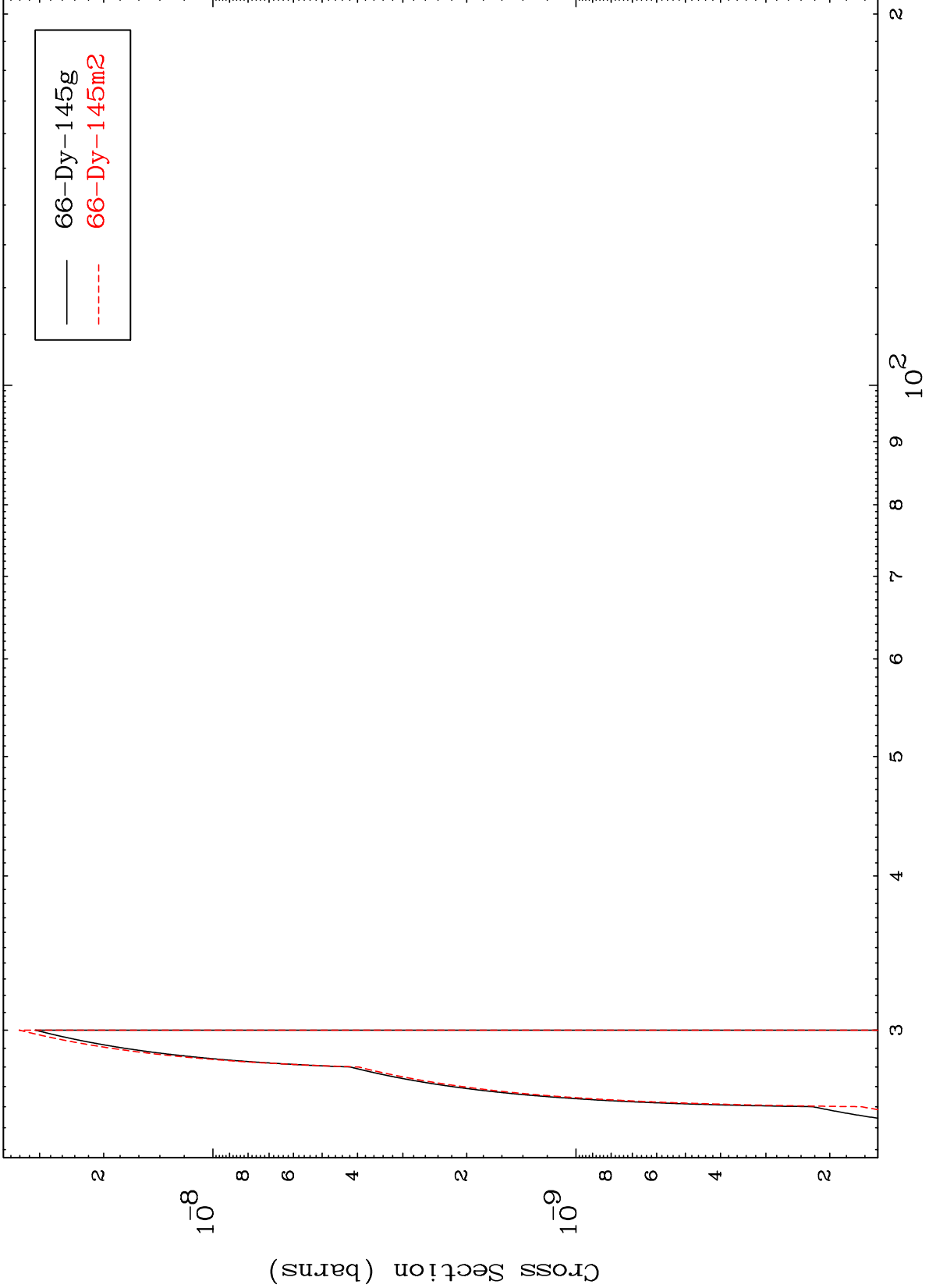
65-Tb-146

MAT 6486

(n,2n) d

65-Tb-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

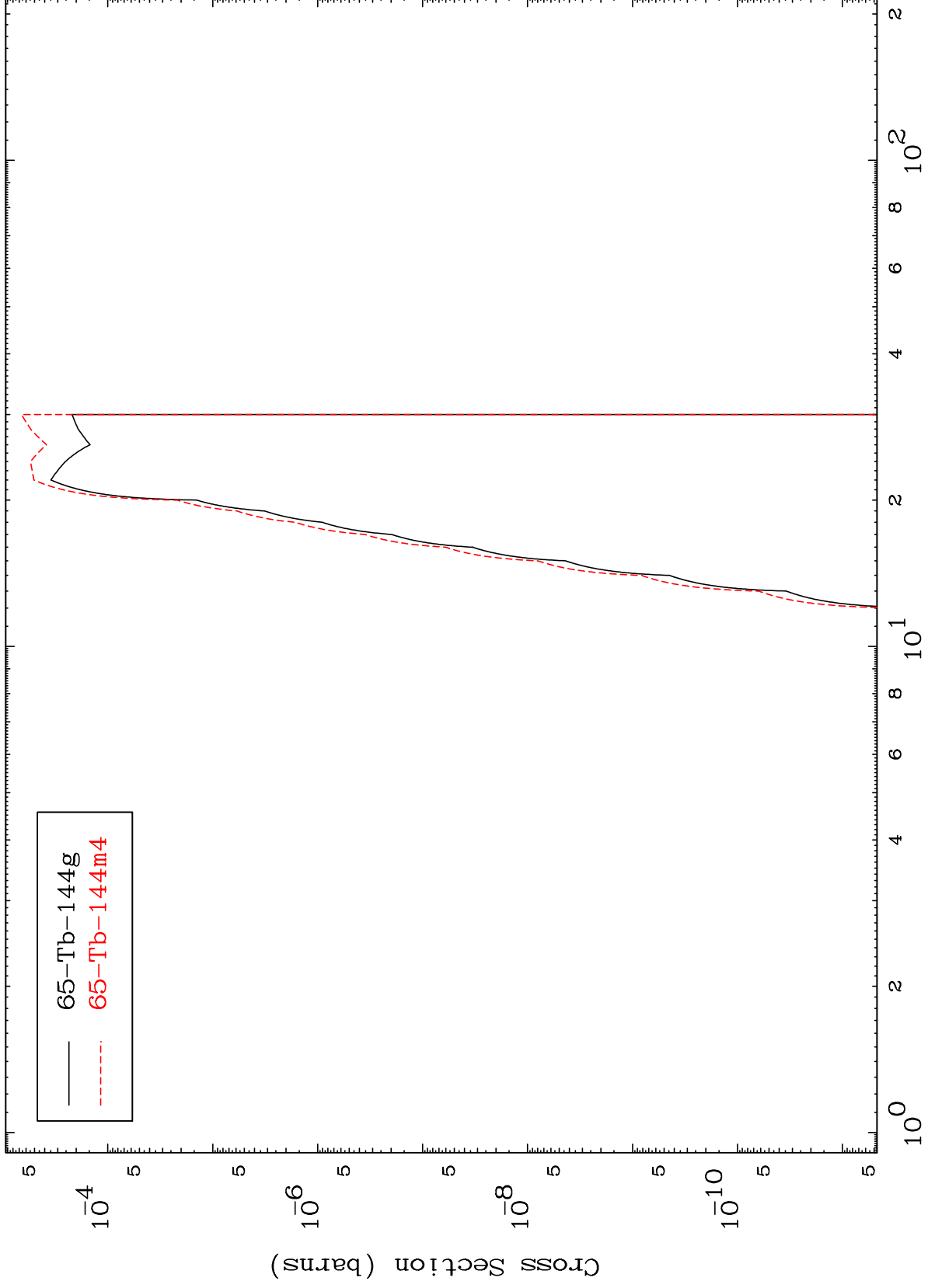
65-Tb-146

MAT 6486

(n, n') α

65-Tb-146

Radionuclide Production Cross Section



65-Tb-144g
65-Tb-144m4

Incident Energy (MeV)

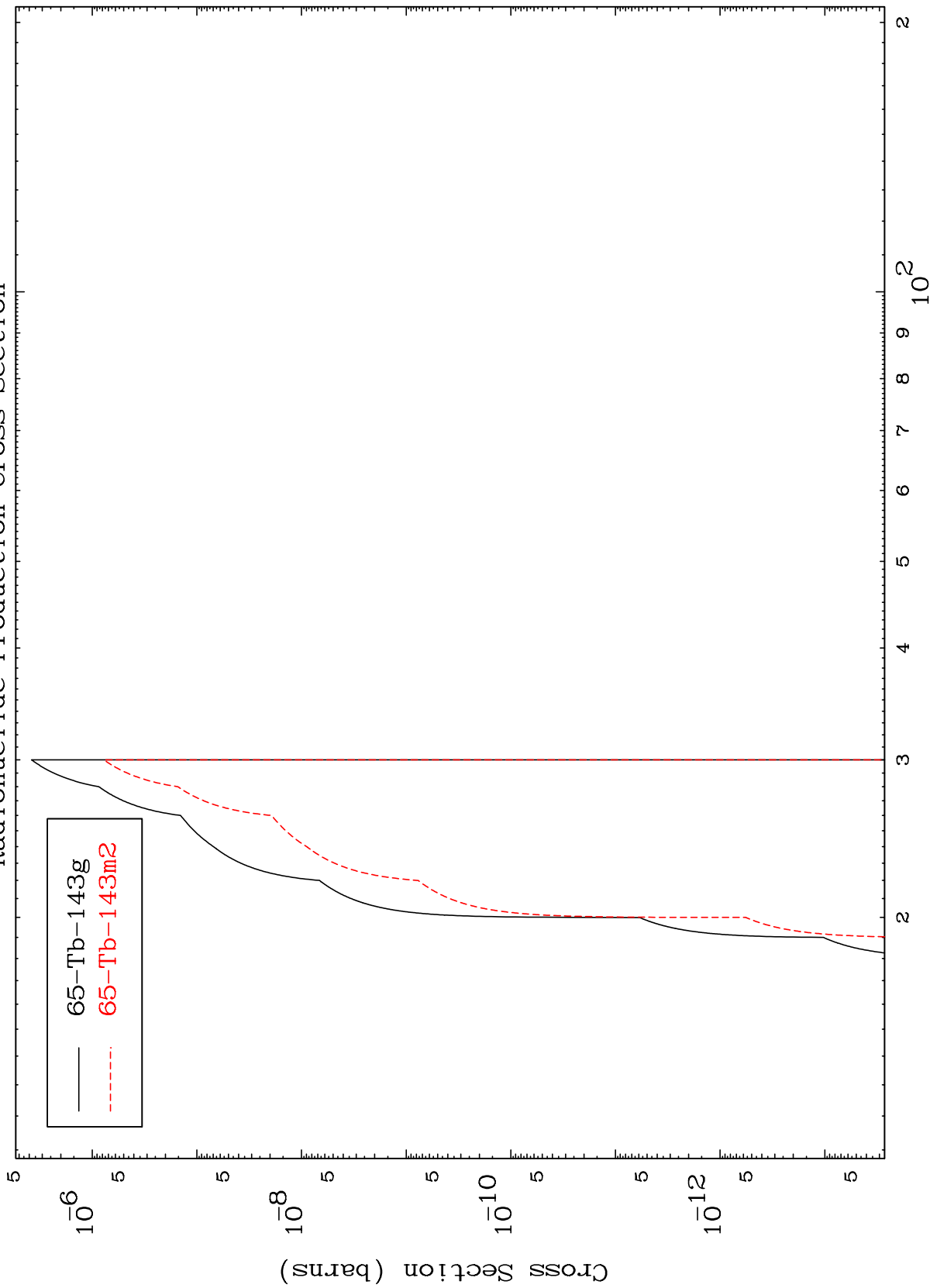
65-Tb-146

MAT 6486

(n,2n) α

65-Tb-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

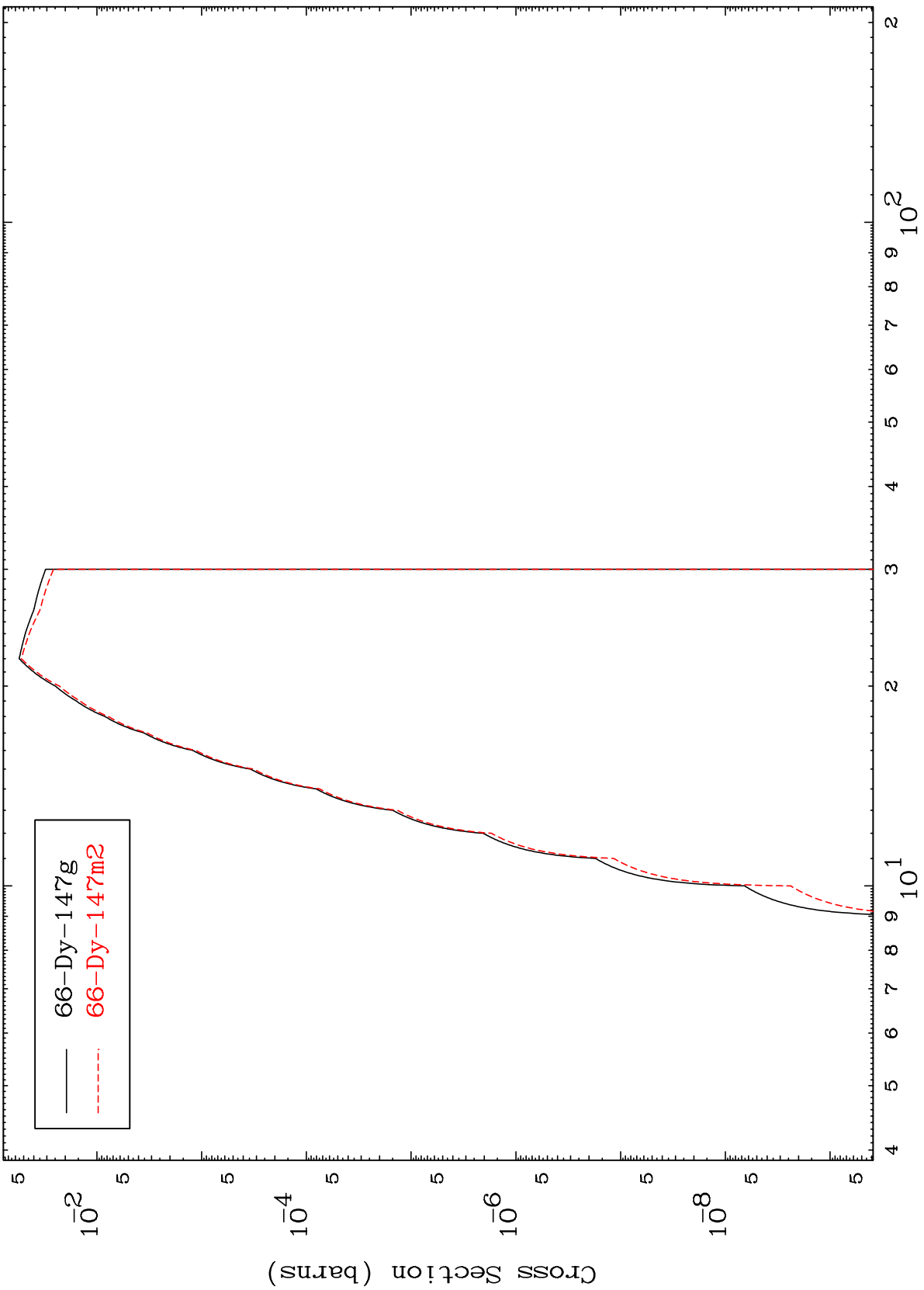
65-Tb-146

MAT 6486

(n,n') p

65-Tb-146

Radionuclide Production Cross Section

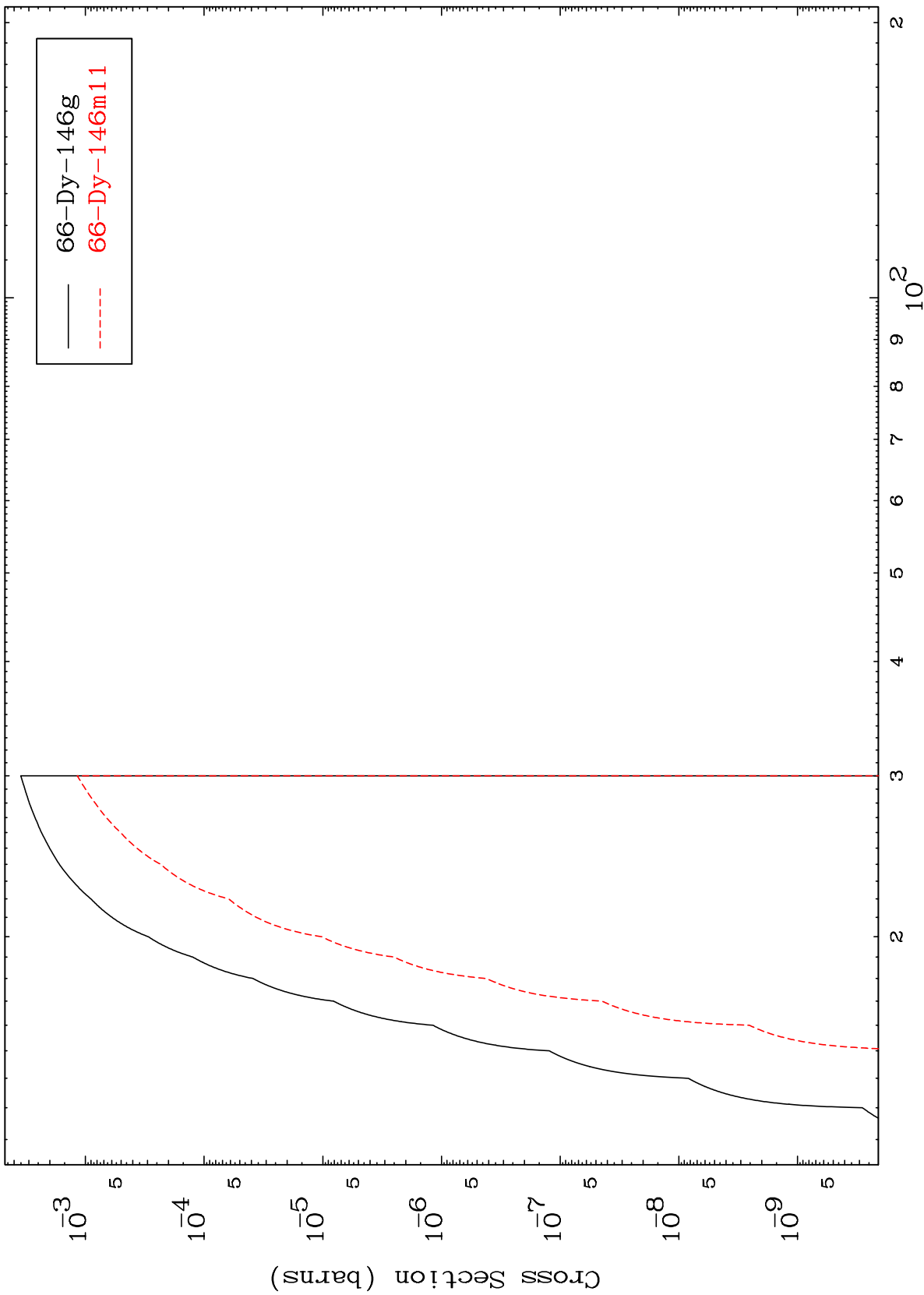


16

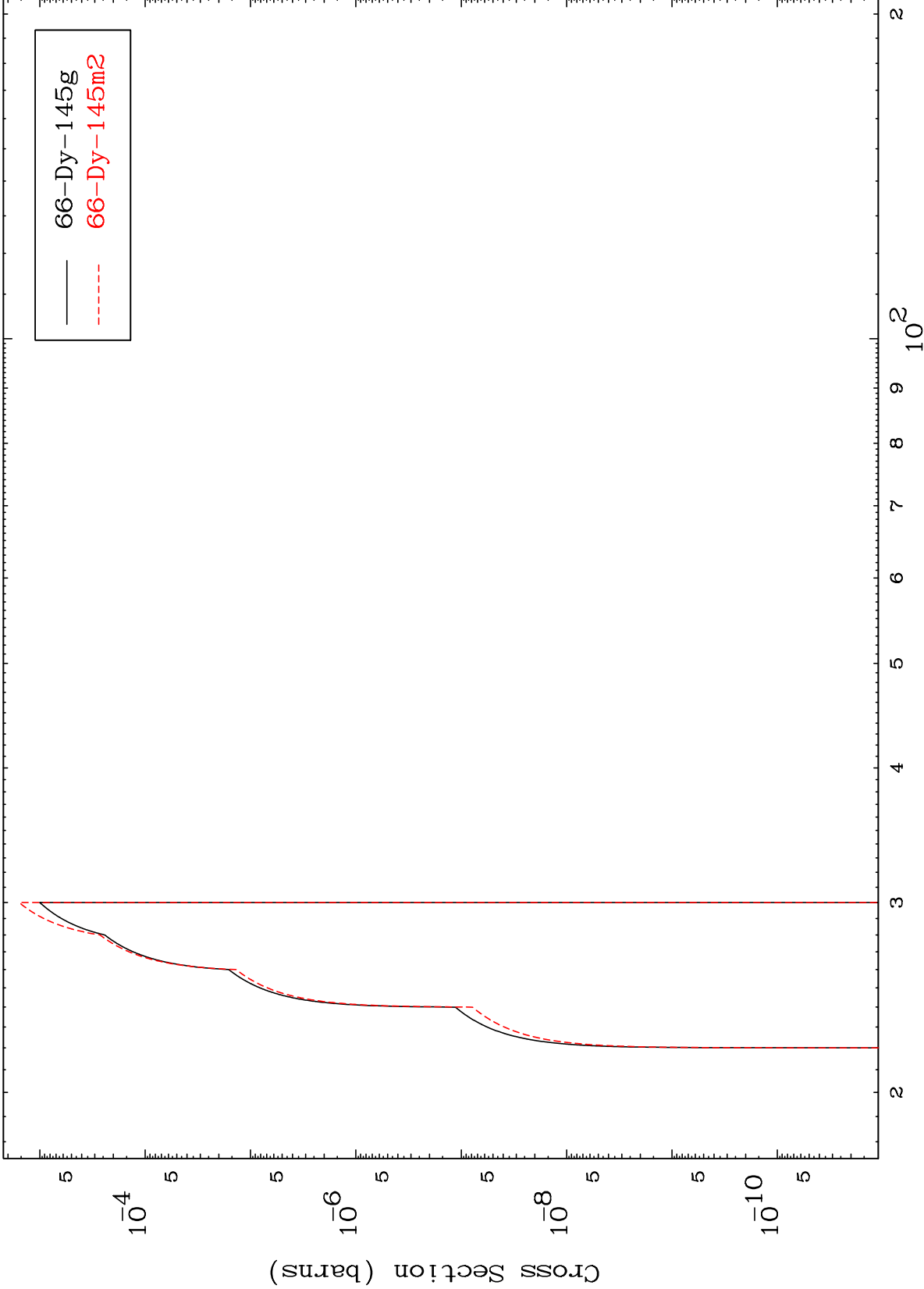
Incident Energy (MeV)

65-Tb-146

Radionuclide Production Cross Section



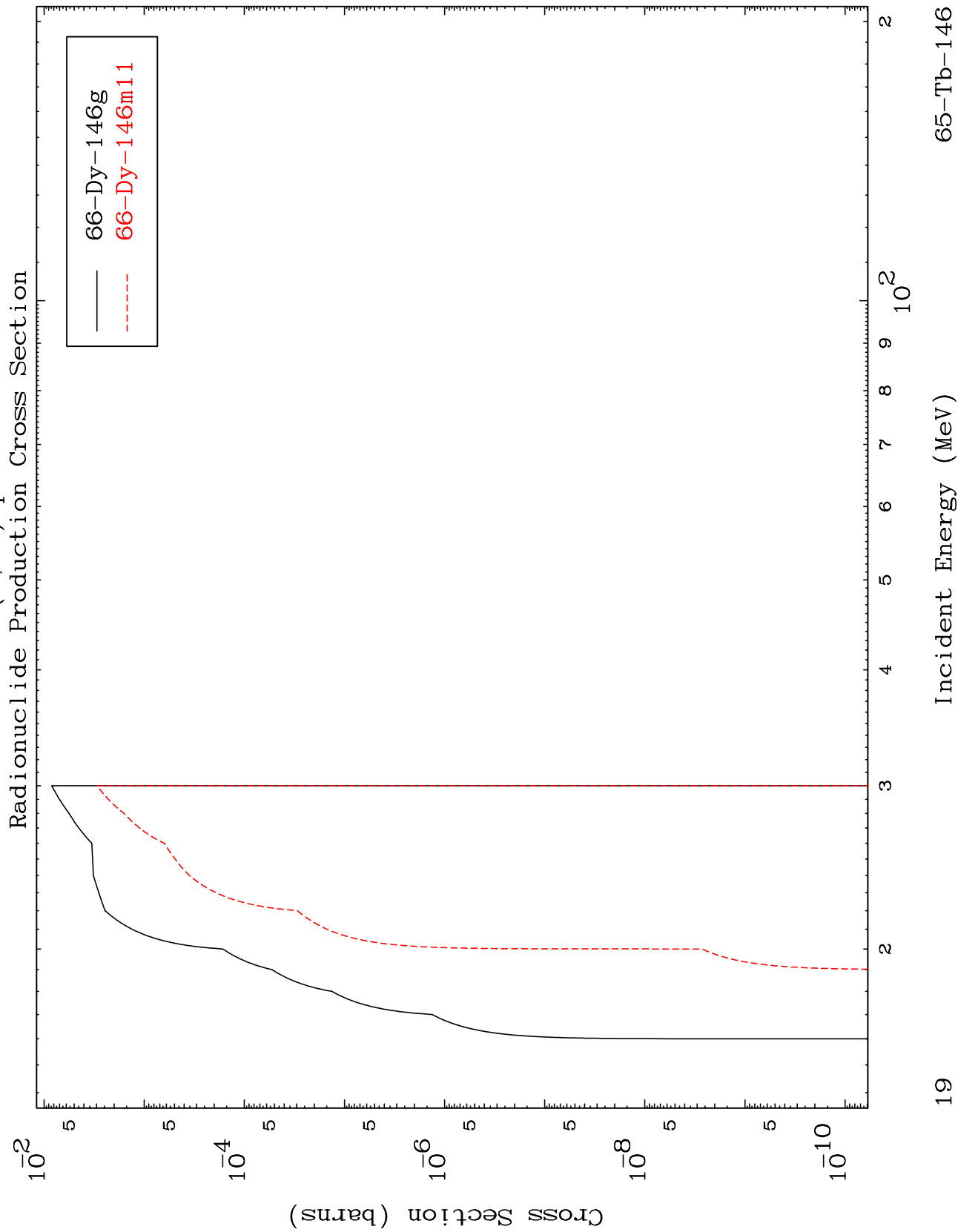
Radionuclide Production Cross Section



MAT 6486

(n,2n) p

65-Tb-146



19

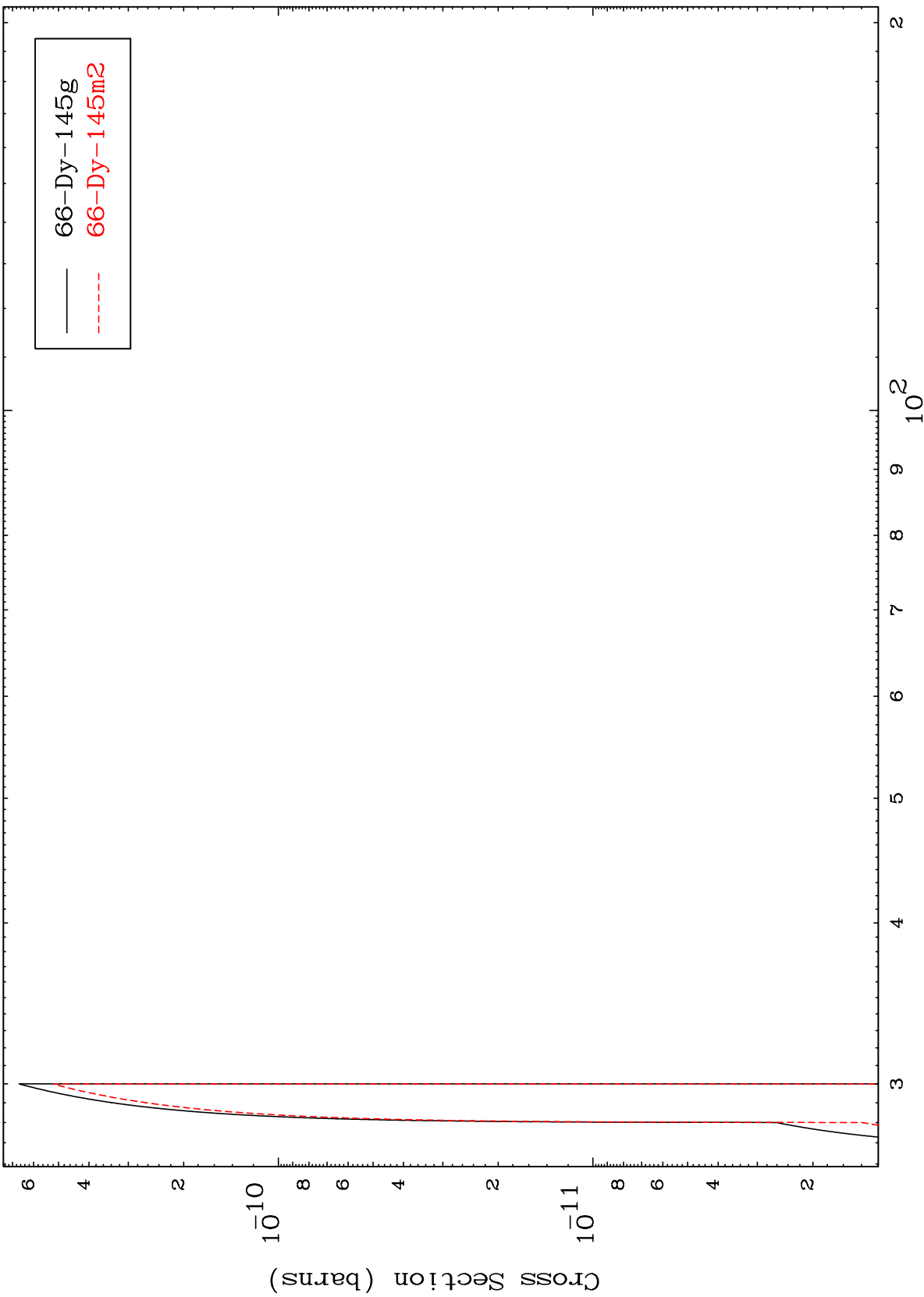
65-Tb-146

MAT 6486

(n,3n) p

65-Tb-146

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

20

Incident Energy (MeV)

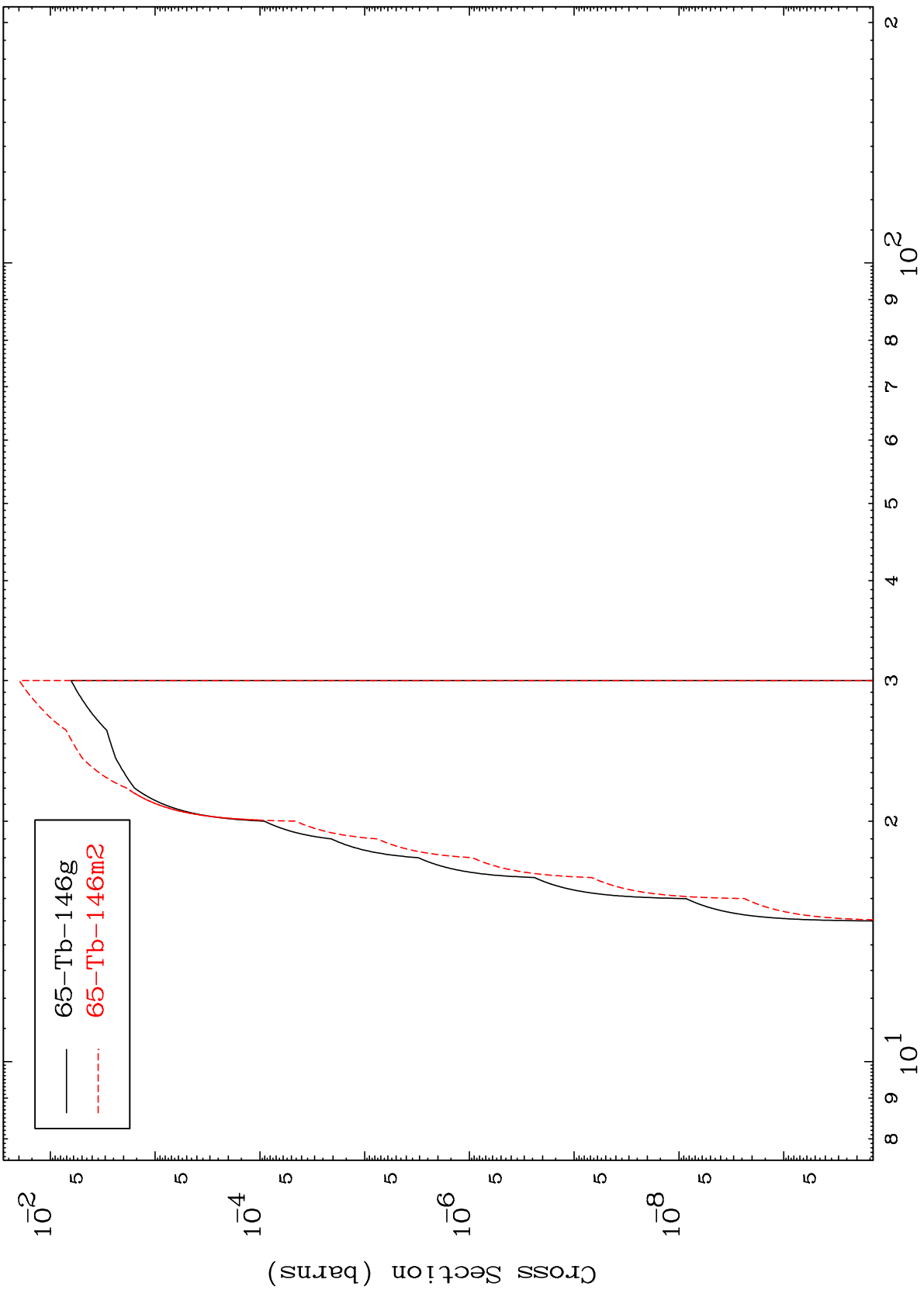
65-Tb-146

MAT 6486

(n,2n) p

65-Tb-146

Radionuclide Production Cross Section

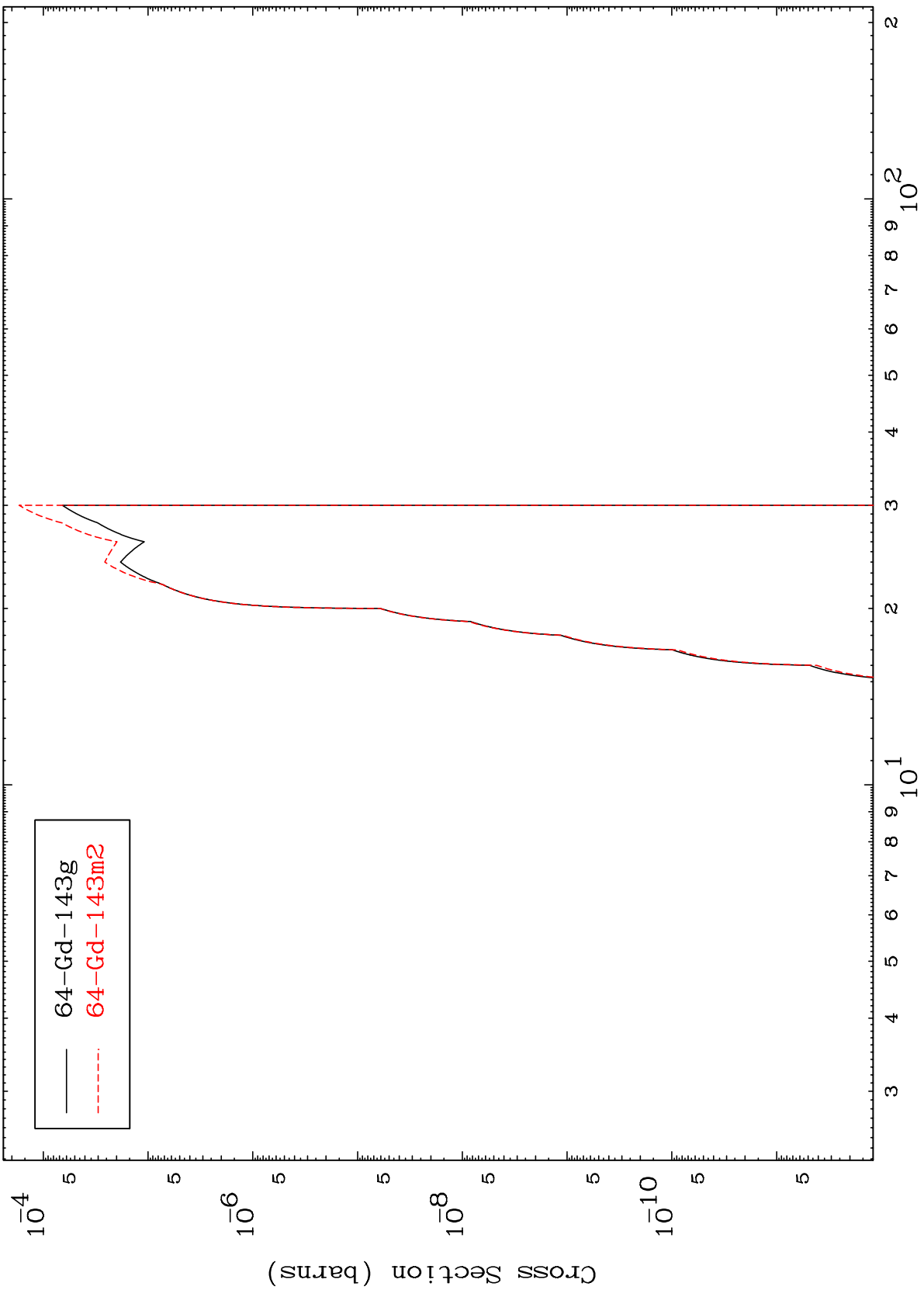


MAT 6486

(n,n') p α

65-Tb-146

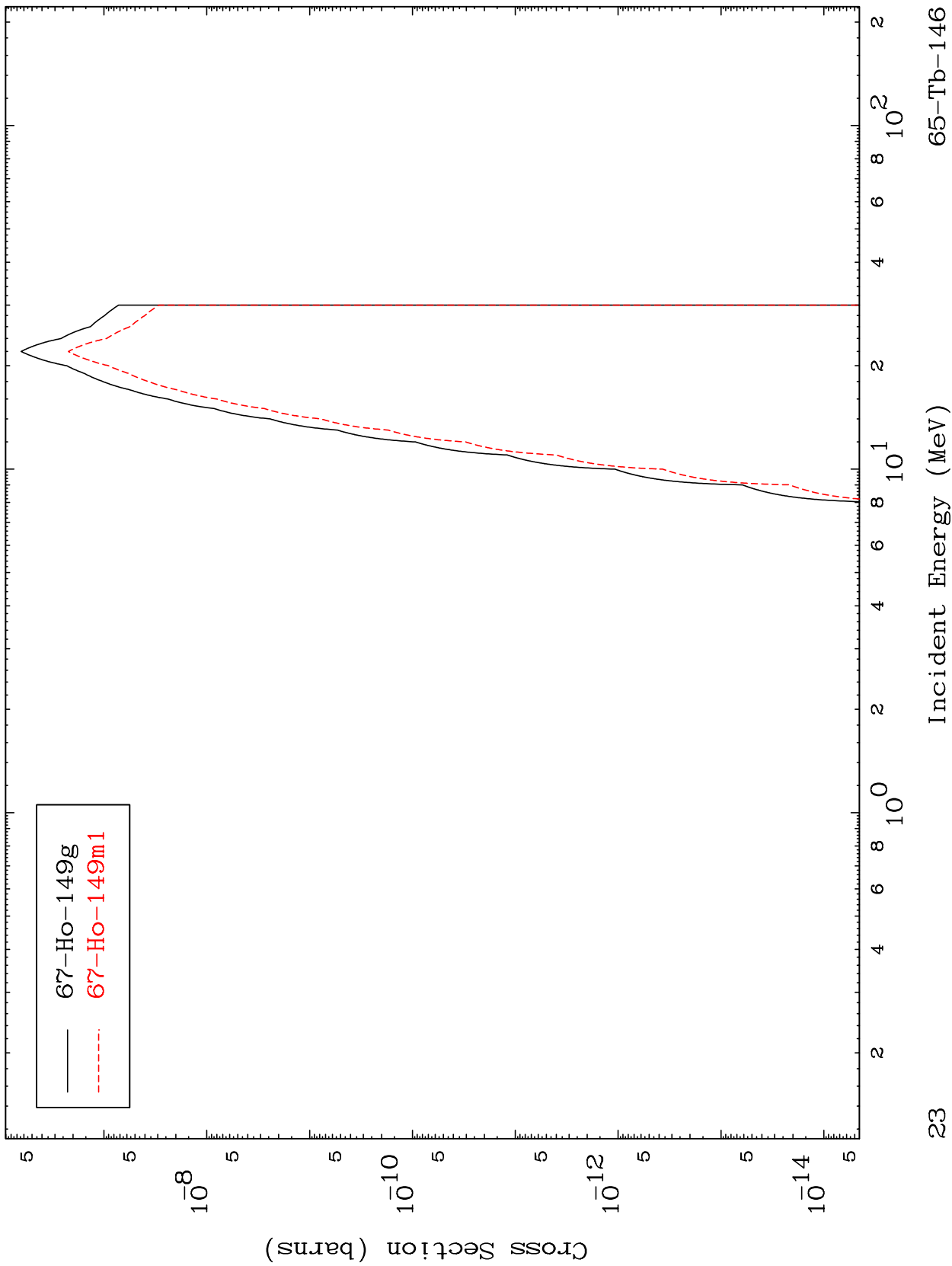
Radionuclide Production Cross Section



MAT 6486

⁶⁵Tb-146

(n,γ)
Radionuclide Production Cross Section

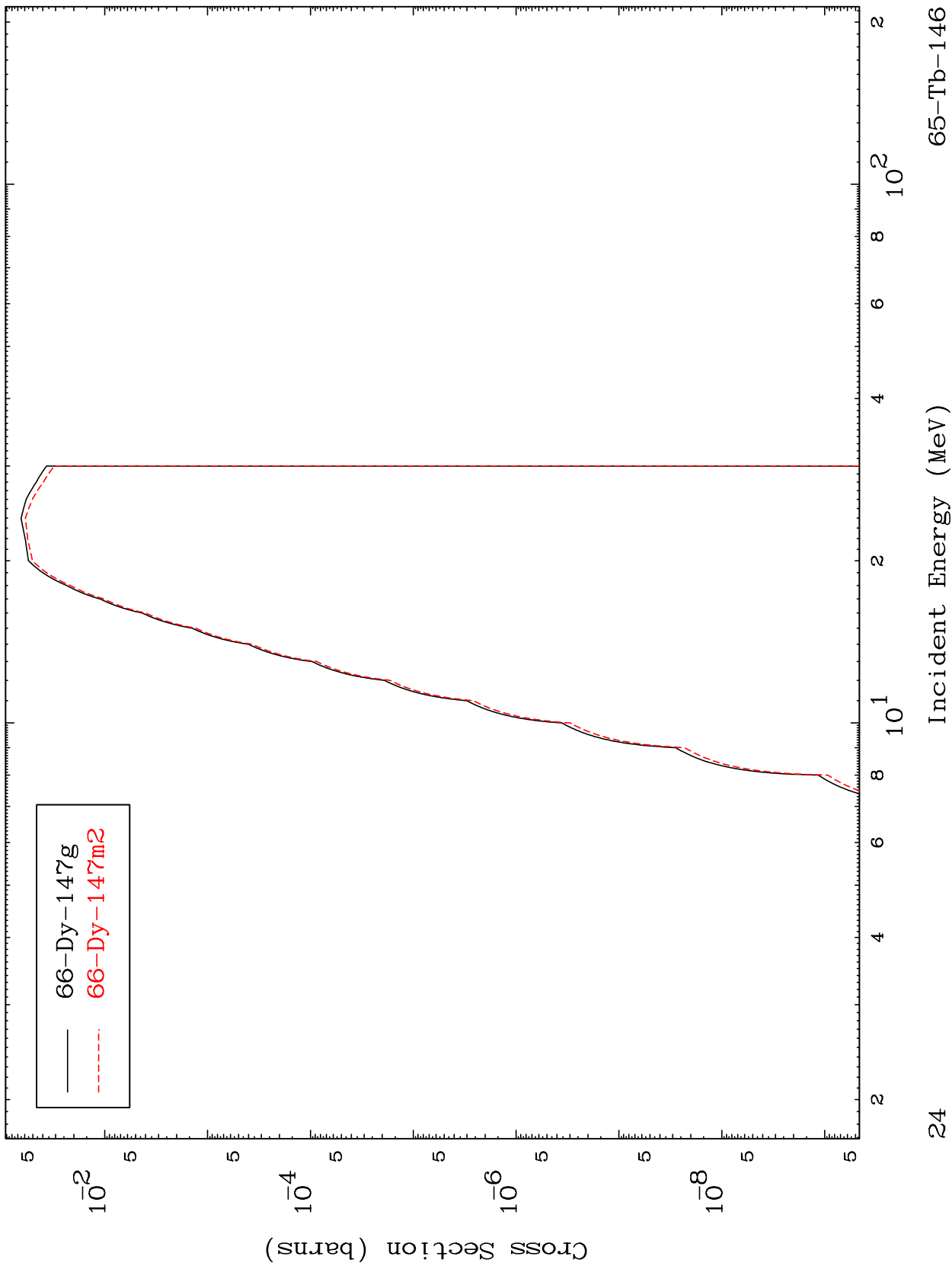


⁶⁵Tb-146

MAT 6486

65-Tb-146

(n,d)
Radionuclide Production Cross Section



65-Tb-146

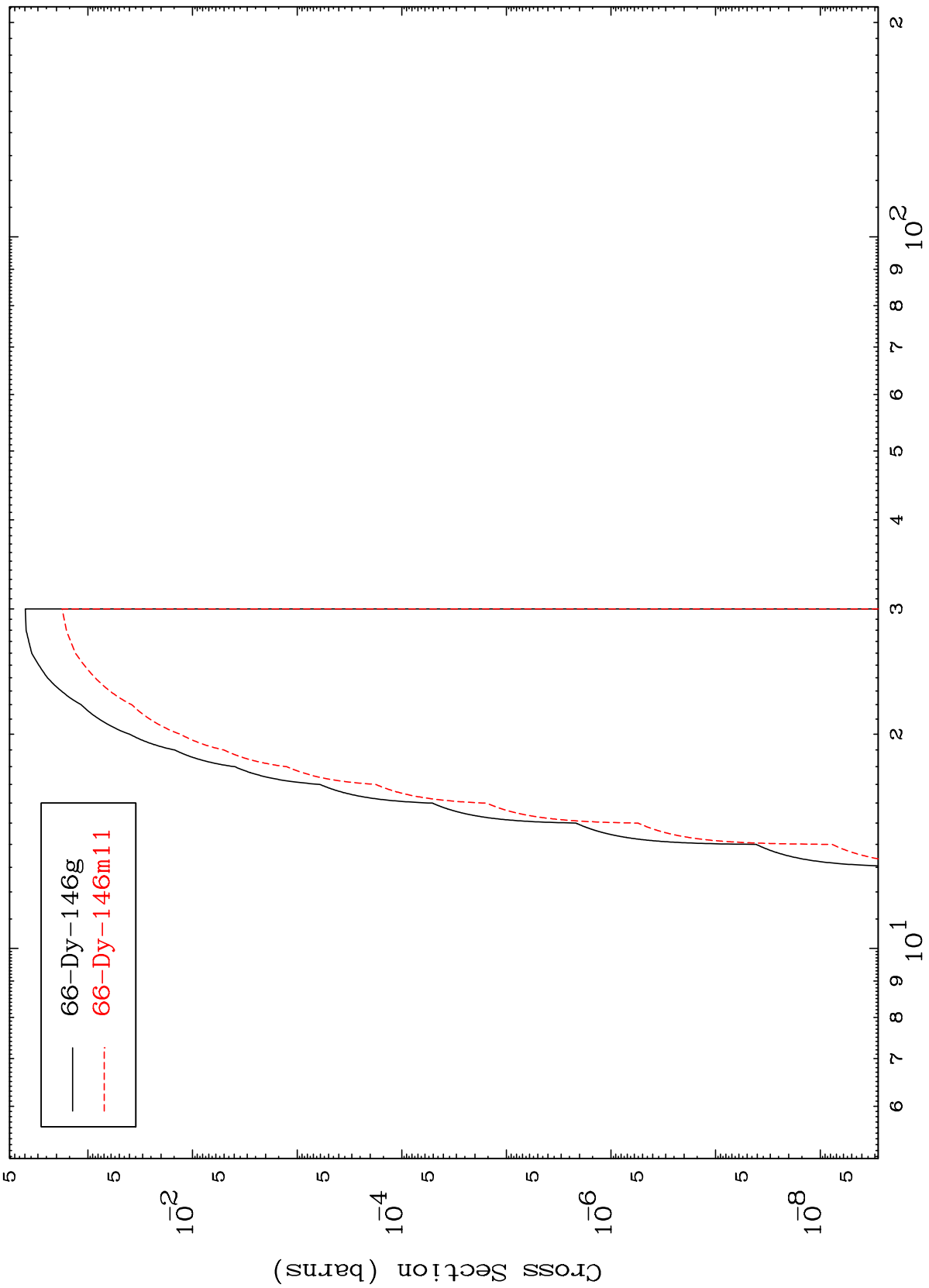
Incident Energy (MeV)

24

MAT 6486

65-Tb-146

(n,t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

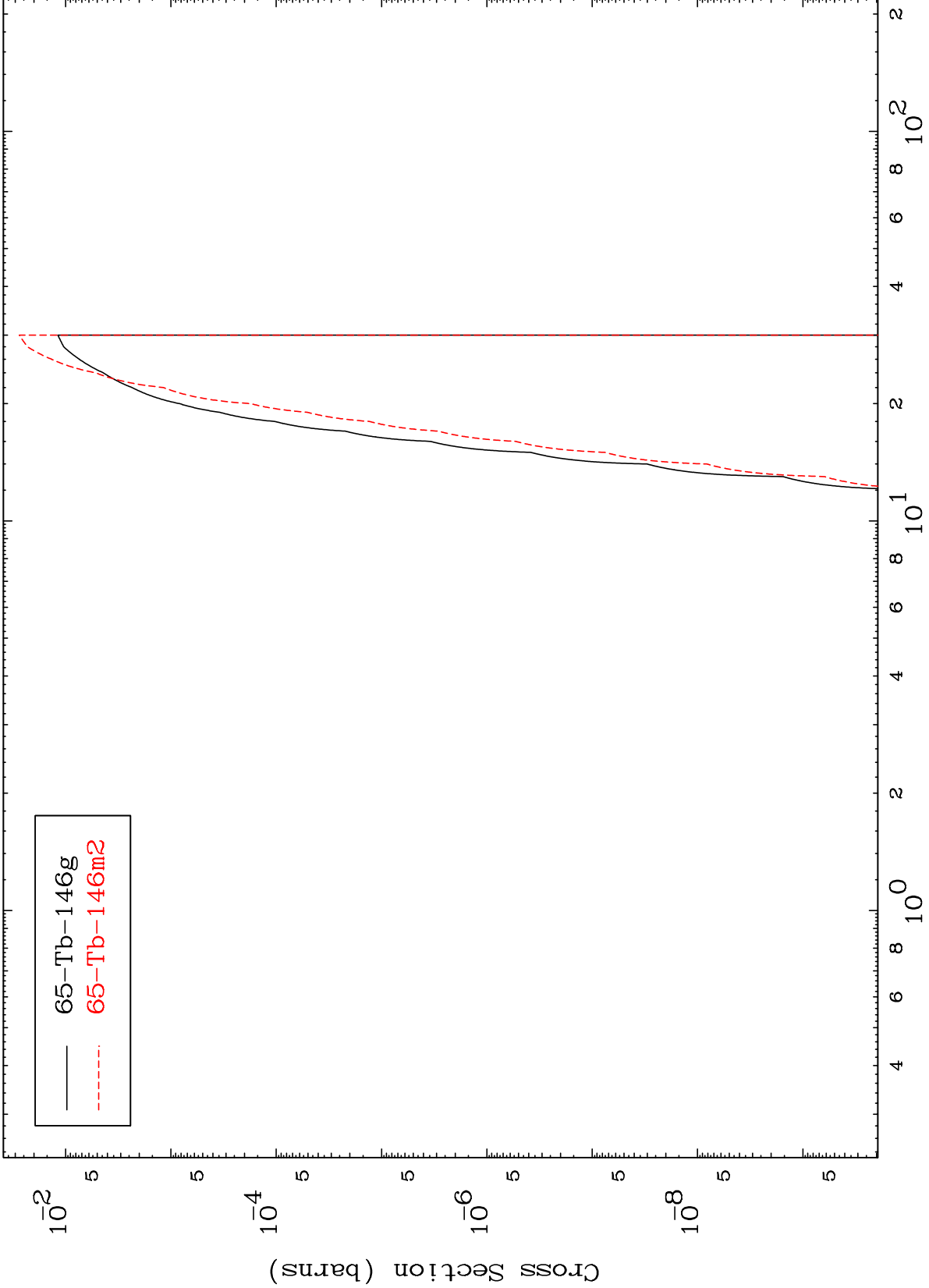
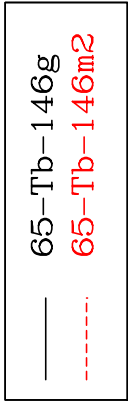
65-Tb-146

MAT 6486

(n,He-3)

65-Tb-146

Radionuclide Production Cross Section

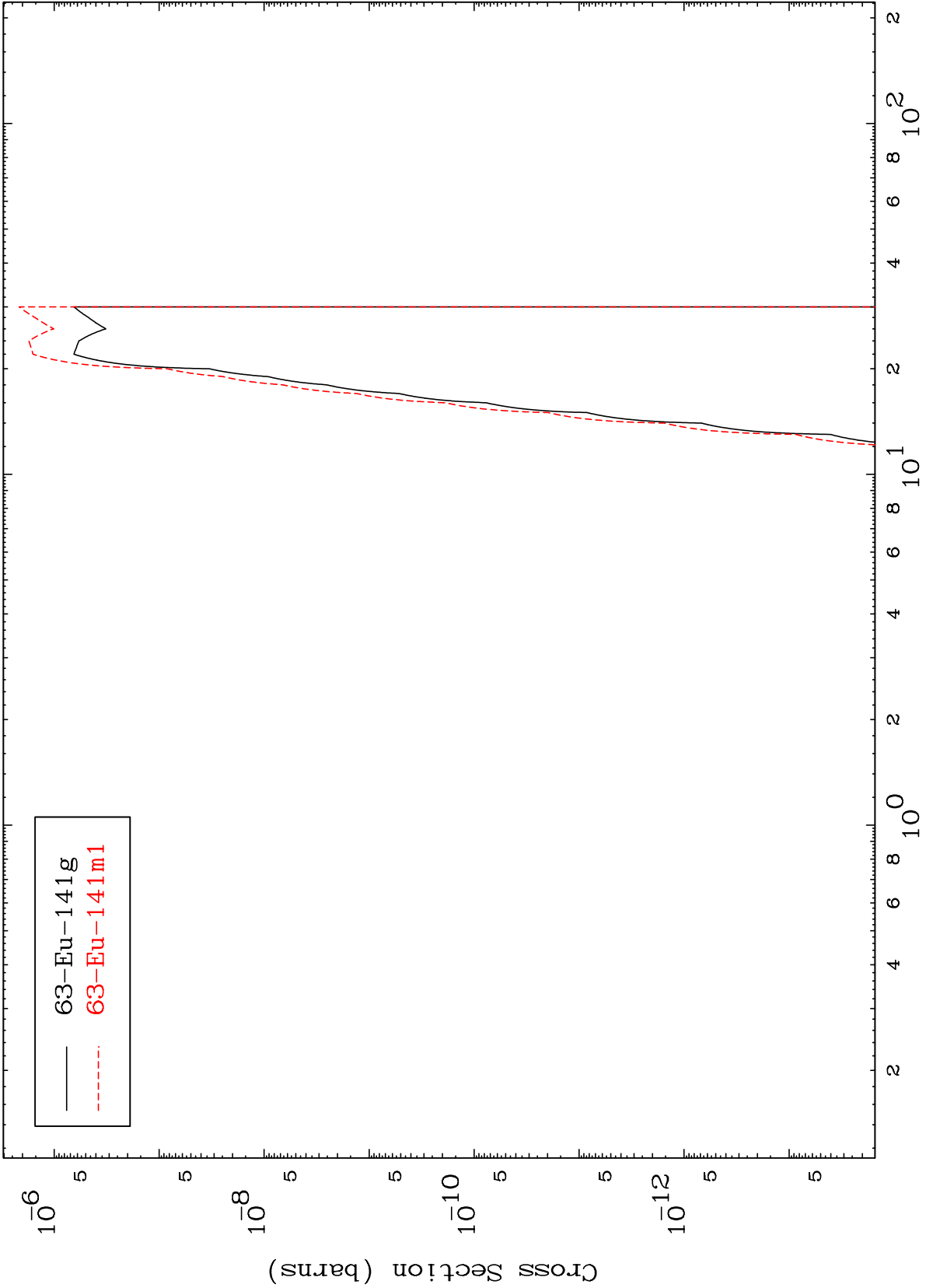


MAT 6486

(n,2α)

65-Tb-146

Radionuclide Production Cross Section

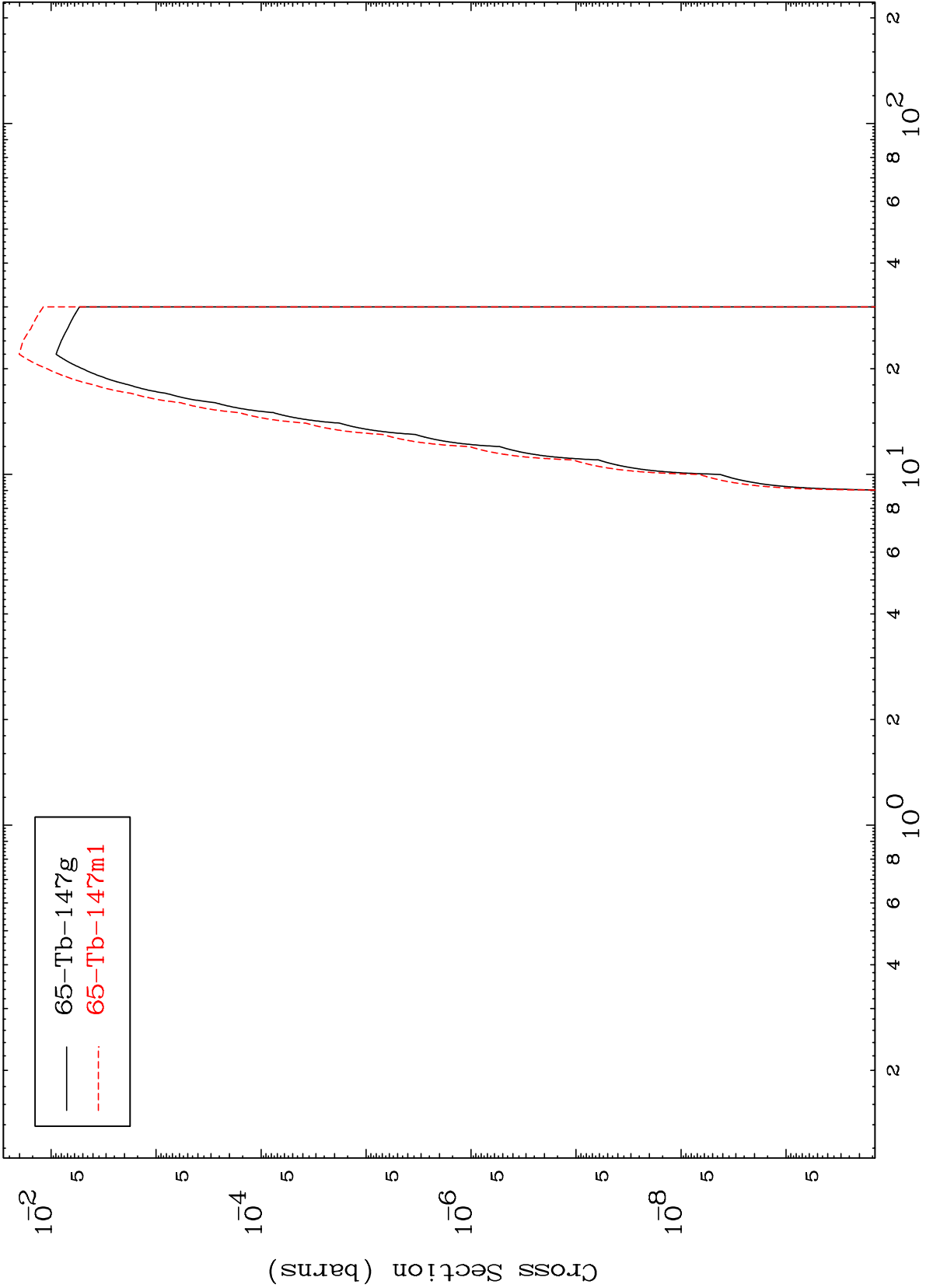


MAT 6486

(n,2p)

65-Tb-146

Radionuclide Production Cross Section

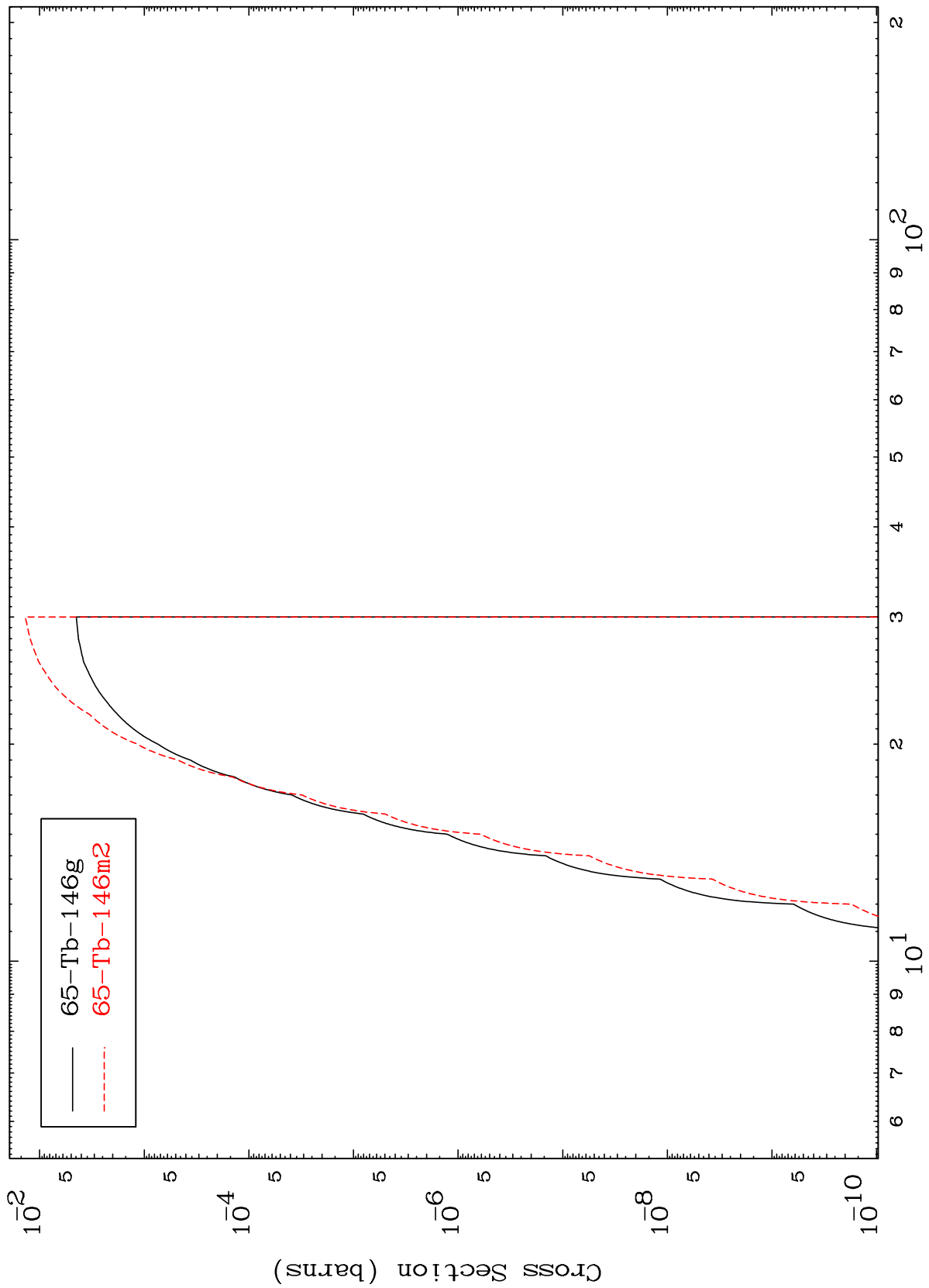


MAT 6486

(n,p) d

⁶⁵Tb-146

Radionuclide Production Cross Section



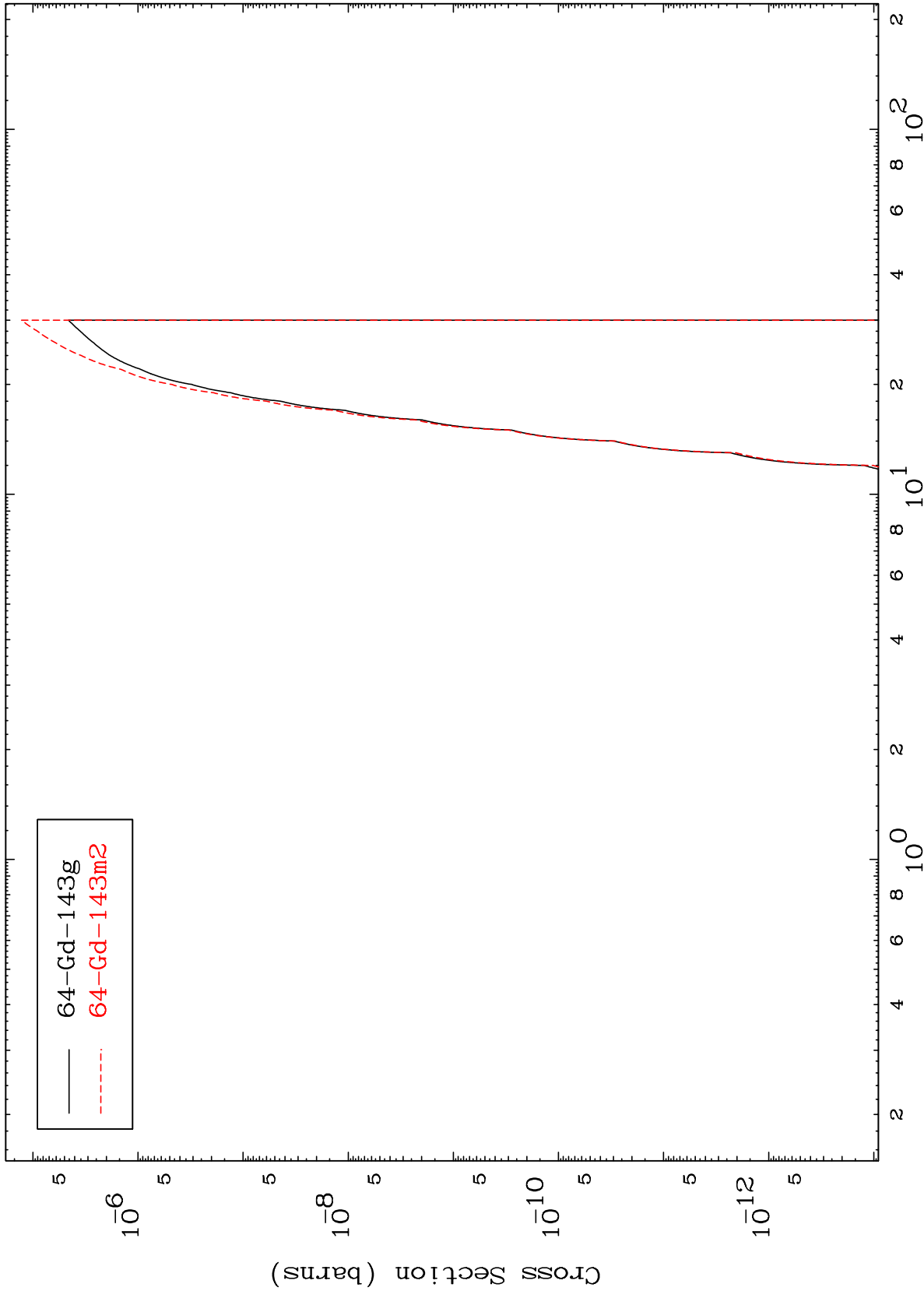
65-Tb-146g
65-Tb-146m2

MAT 6486

(n,d) α

$^{65}\text{Tb-146}$

Radionuclide Production Cross Section



30

Incident Energy (MeV)

$^{65}\text{Tb-146}$