

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

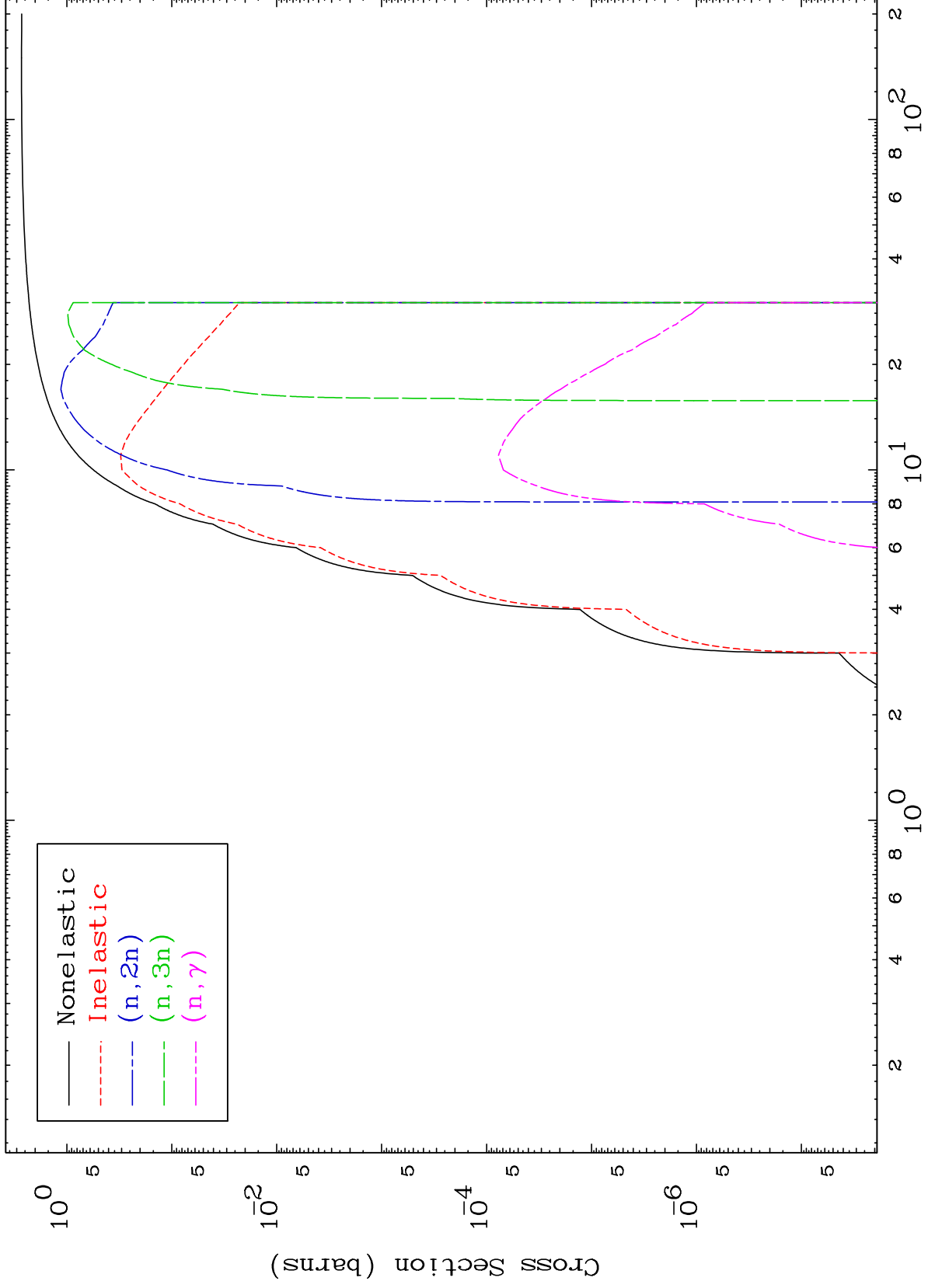
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Web:redcullen1.net/HOMEPAGE.NEW

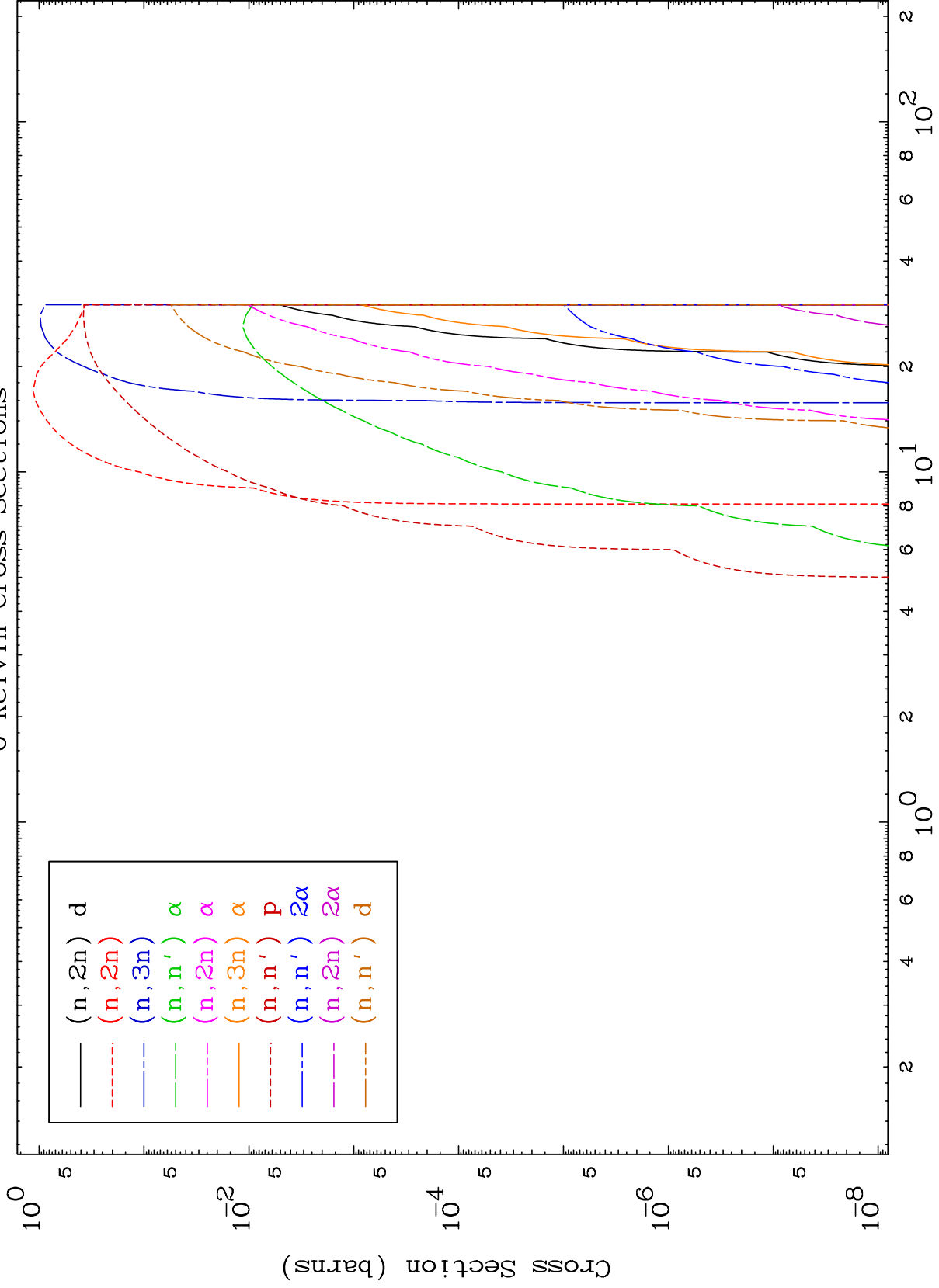
Press Mouse Button to Start

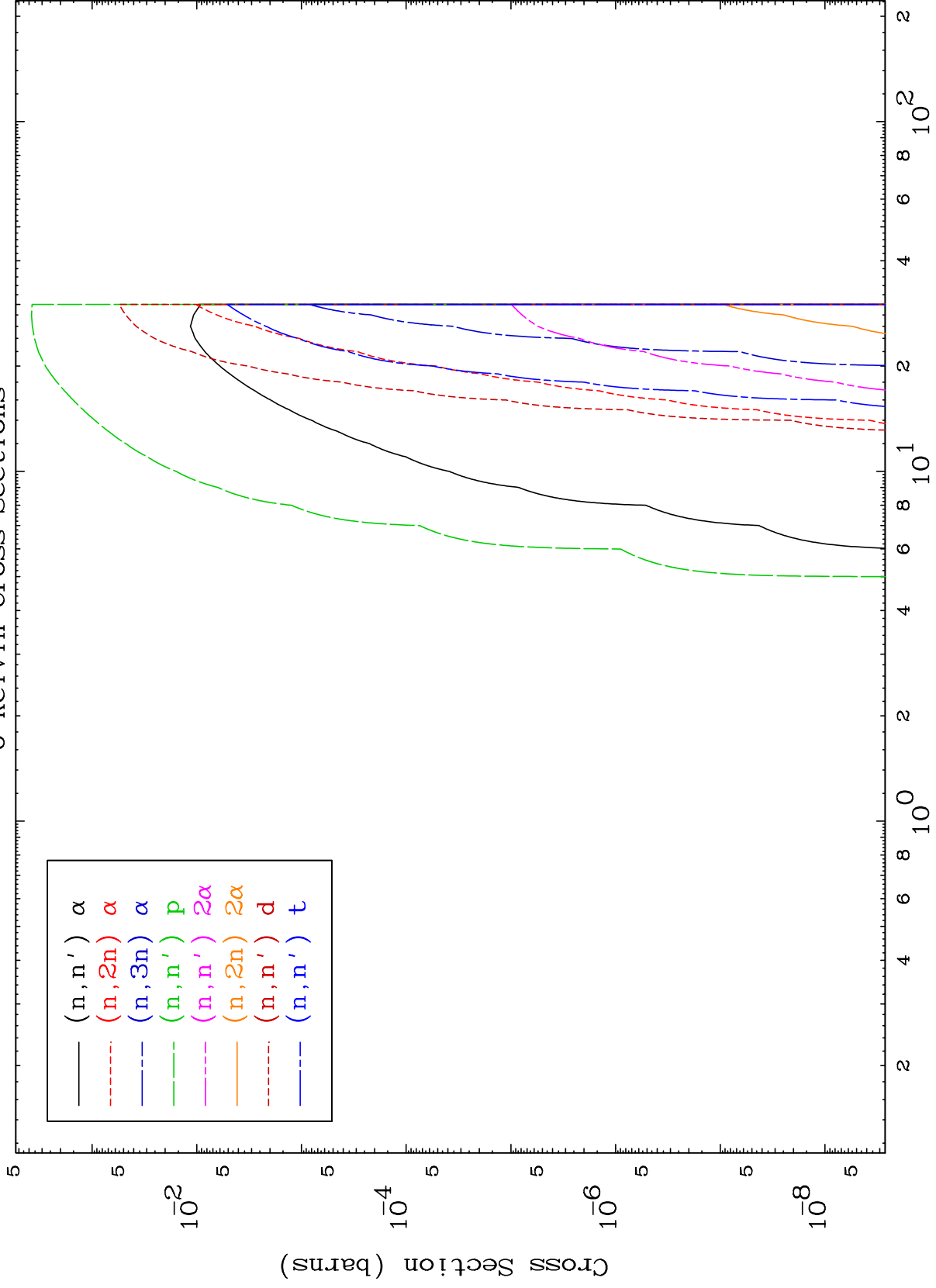


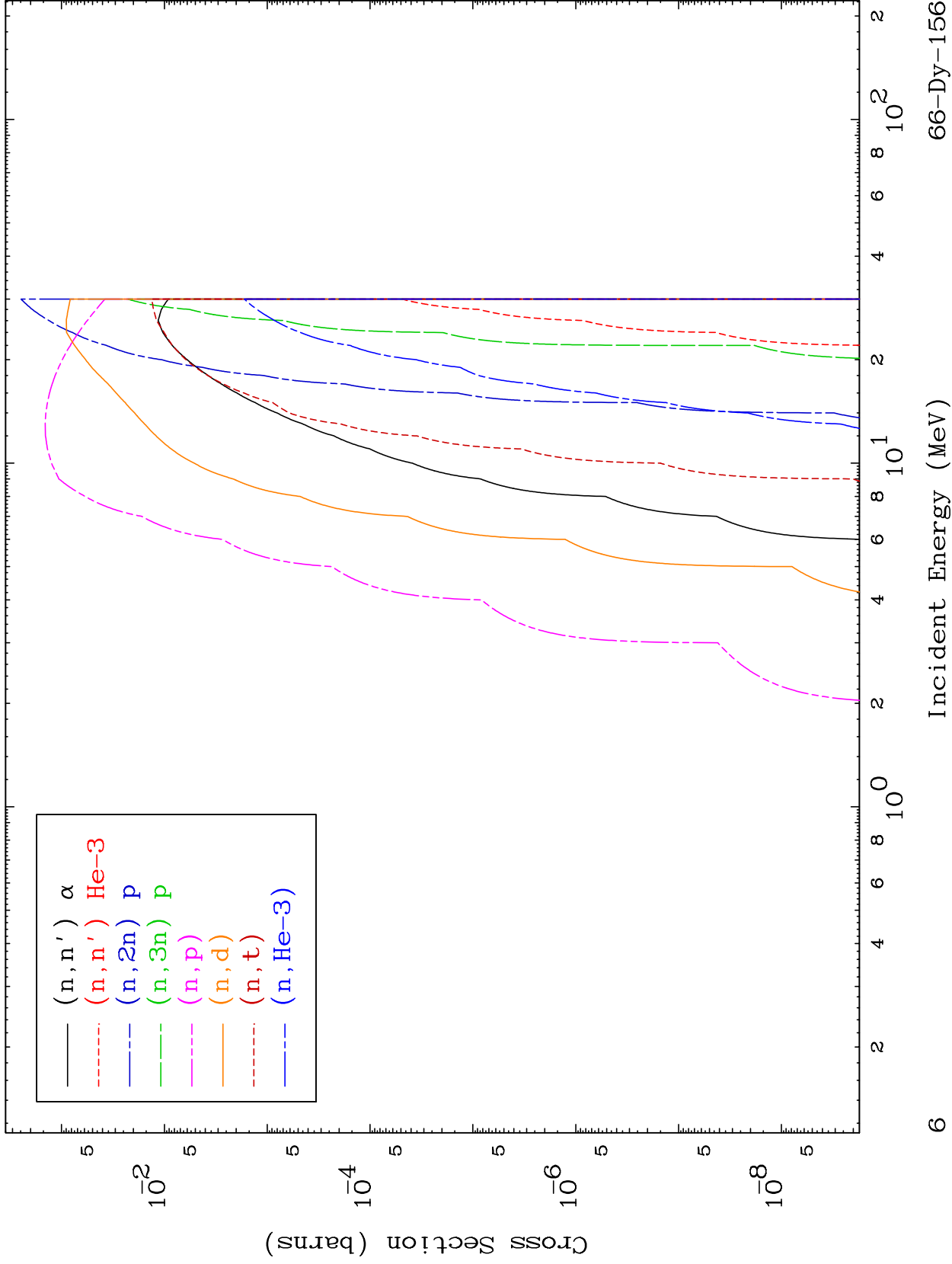
MAT 6625

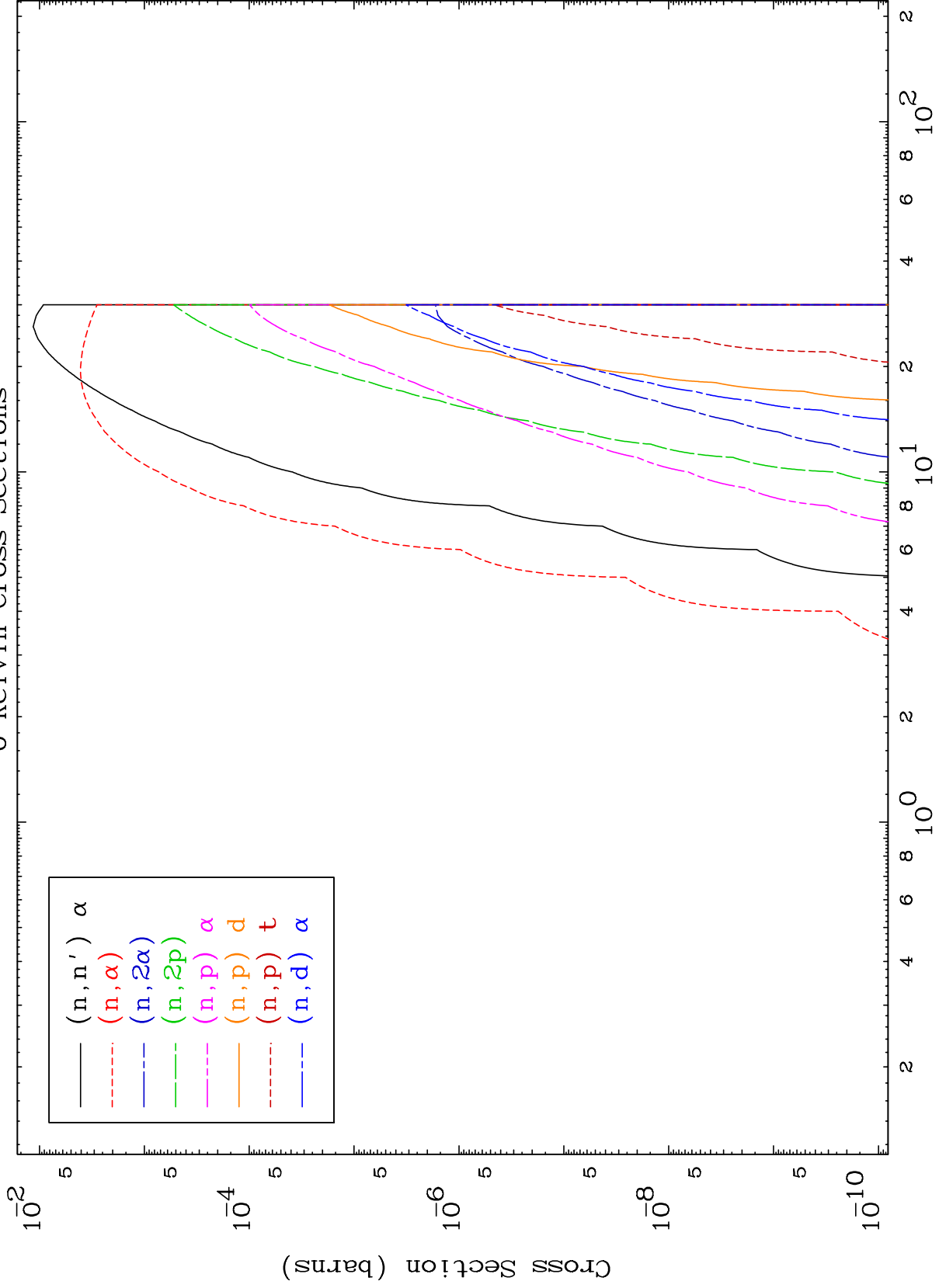
Deuteron Neutron Absorption
0 Kelvin Cross Sections

66-Dy-156







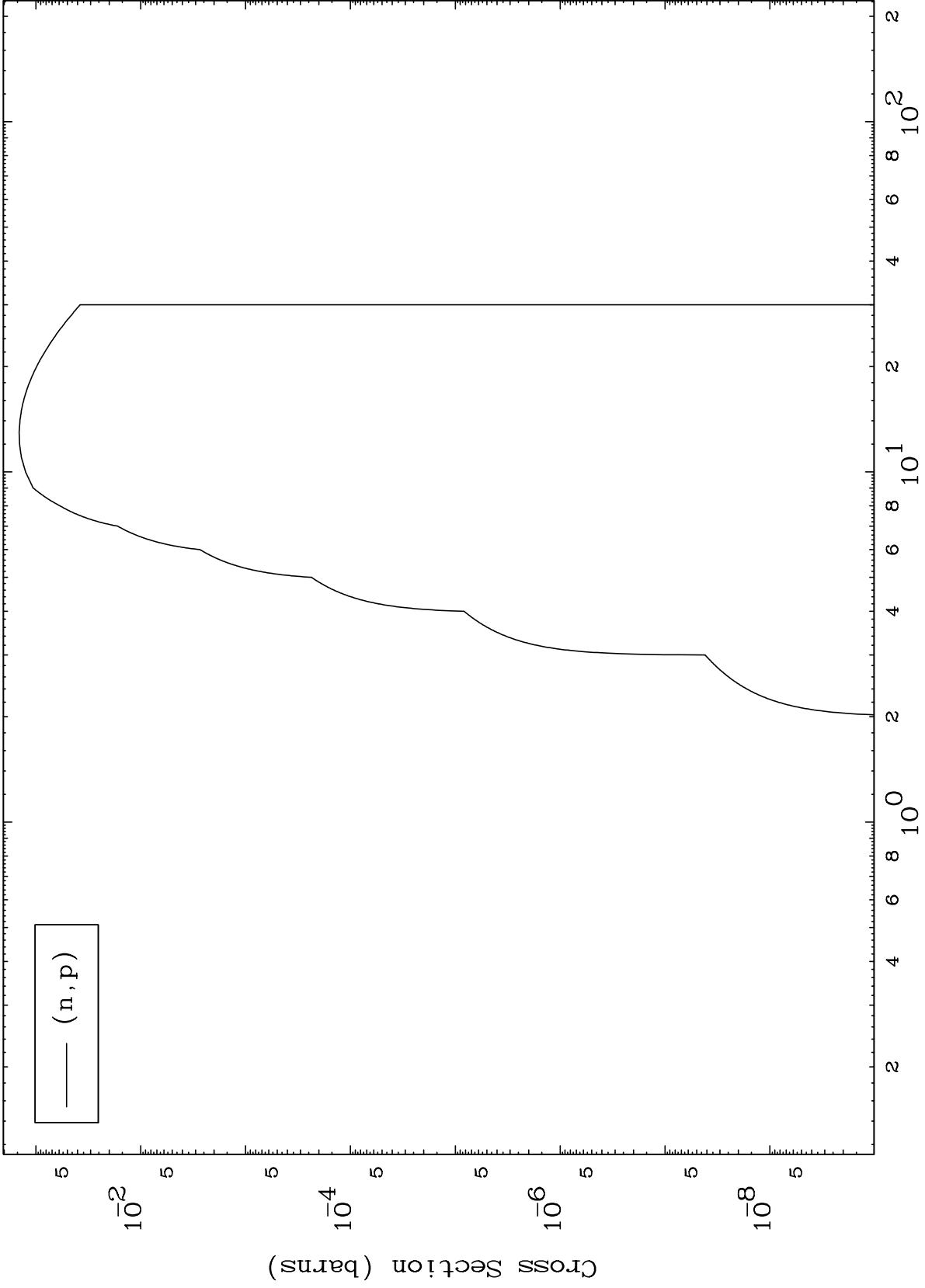


MAT 6625

(d,p) Levels

66-Dy-156

0 Kelvin Cross Sections

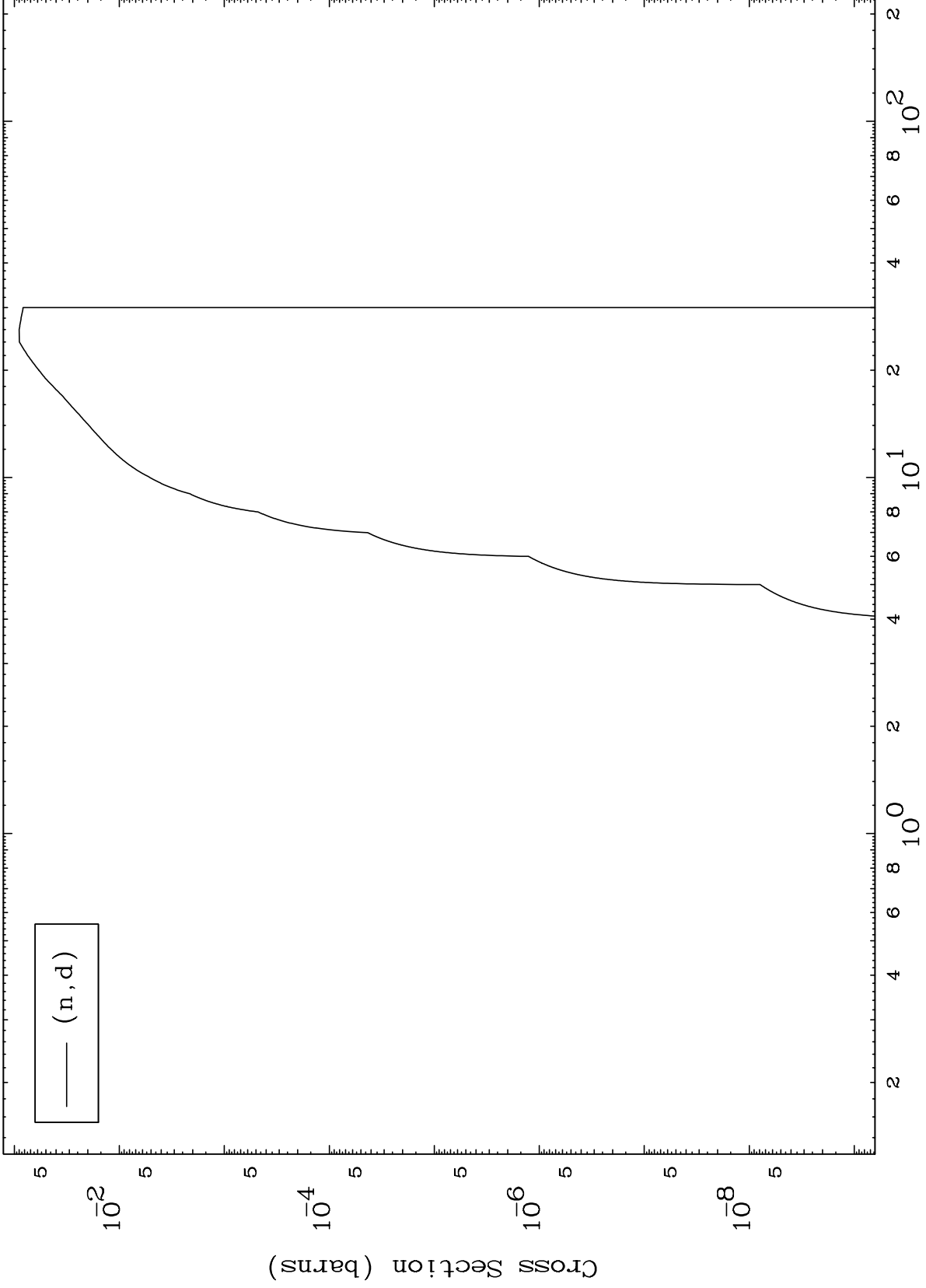


MAT 6625

(d,d) Levels

66-Dy-156

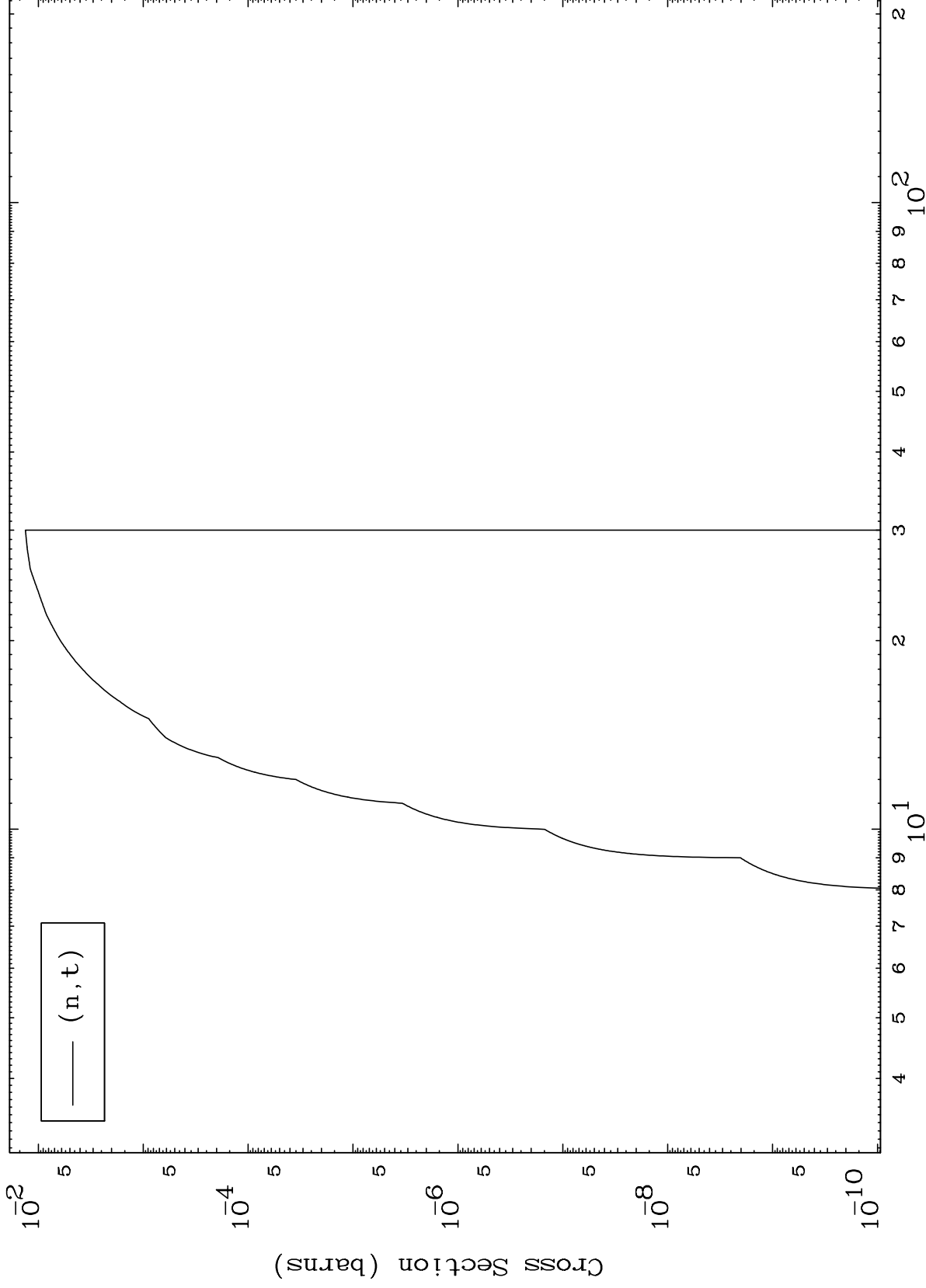
0 Kelvin Cross Sections



MAT 6625

(d,t) Levels
0 Kelvin Cross Sections

66-Dy-156



10

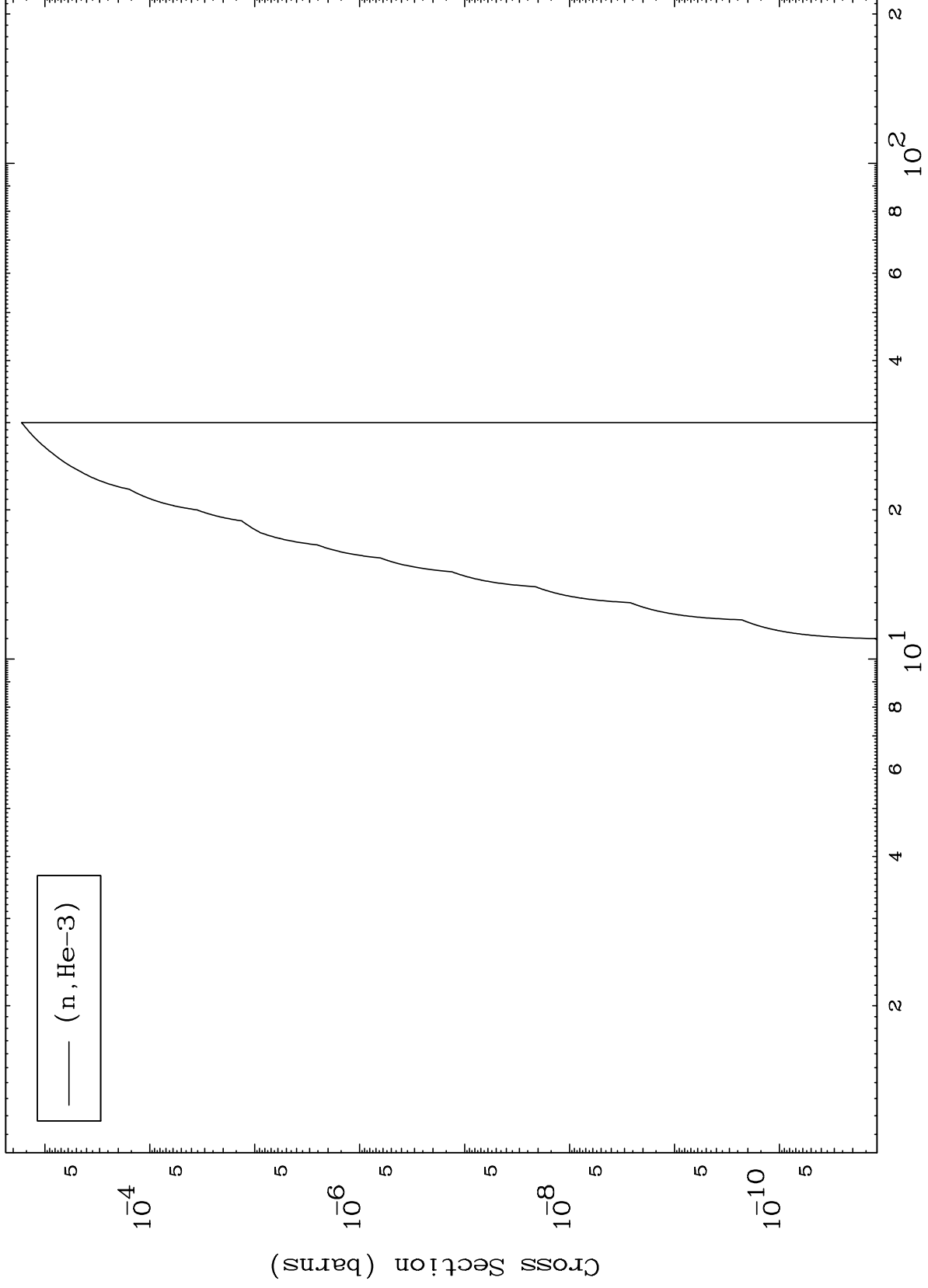
Incident Energy (MeV)

66-Dy-156

MAT 6625

(d,He3) Levels
0 Kelvin Cross Sections

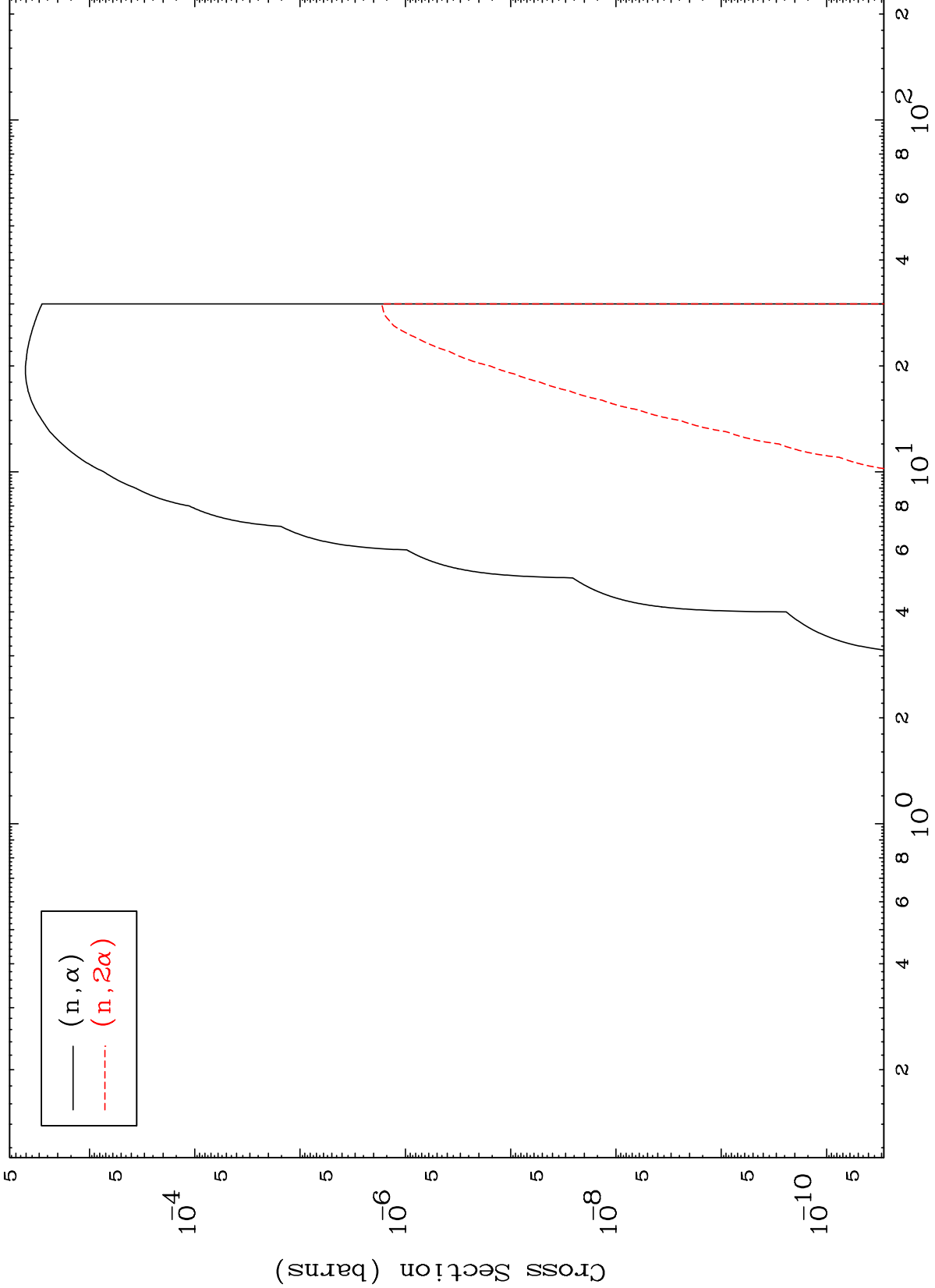
66-Dy-156



MAT 6625

(d, α) Levels
0 Kelvin Cross Sections

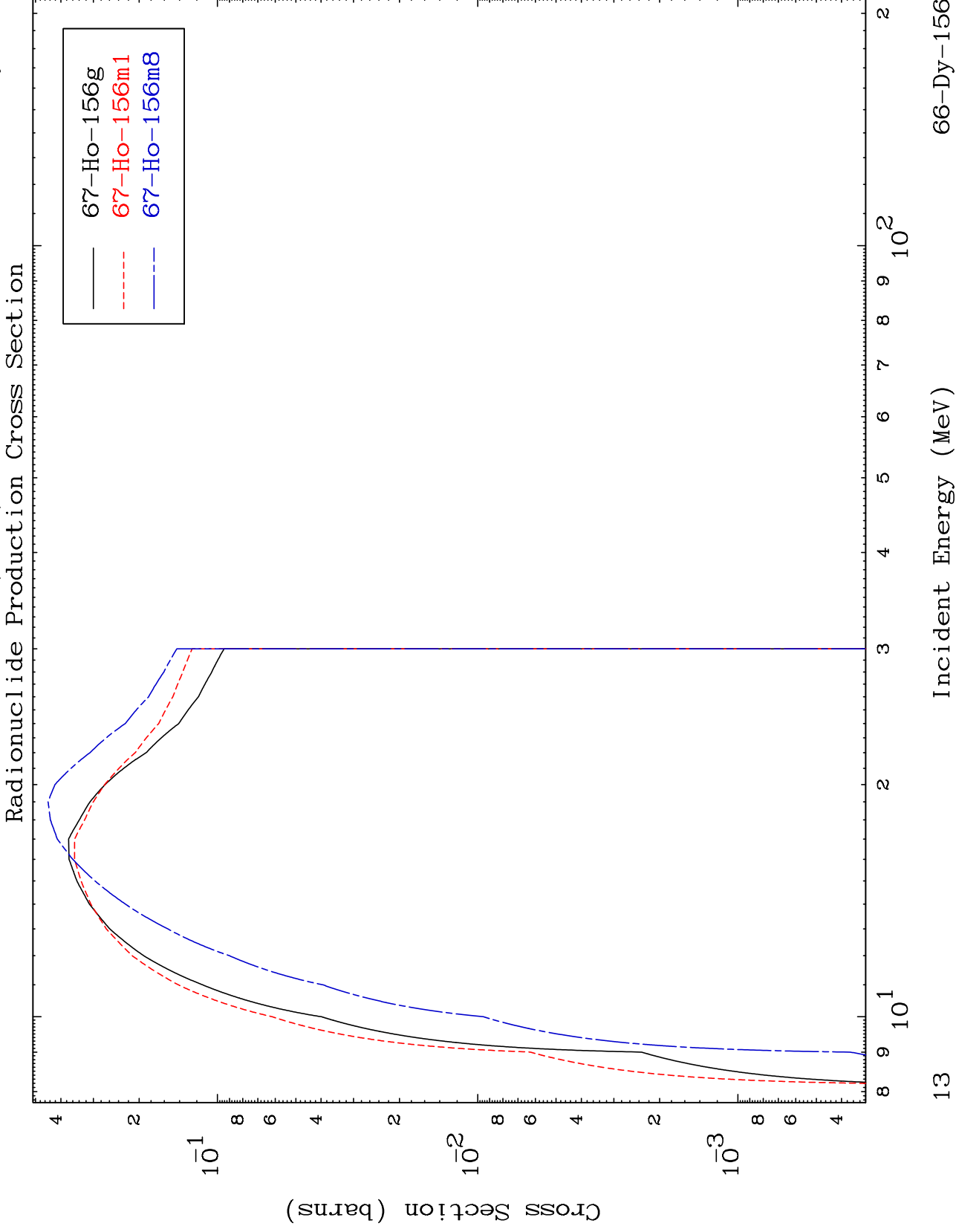
66-Dy-156



MAT 6625

(n,2n)

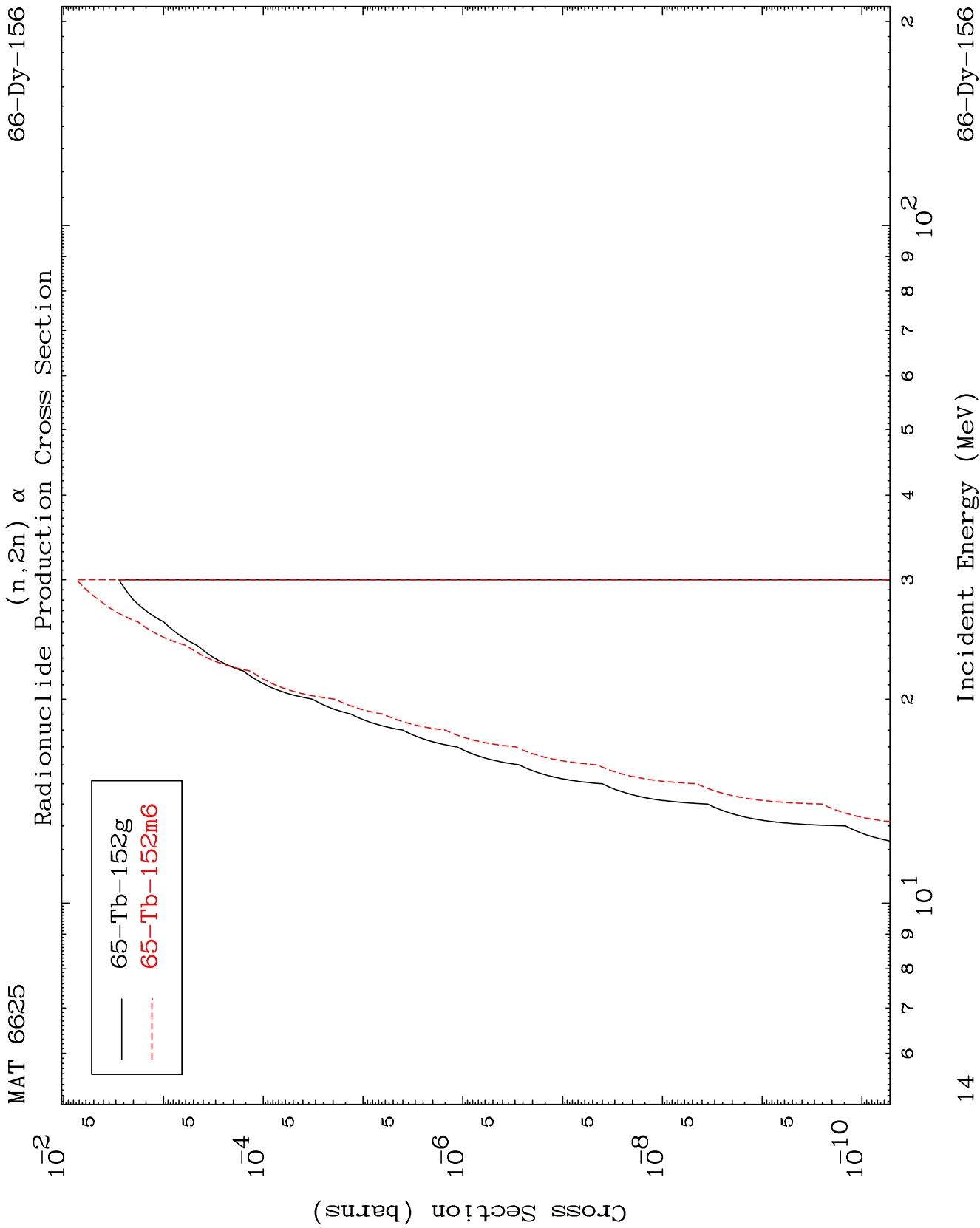
66-Dy-156



13

Incident Energy (MeV)

66-Dy-156

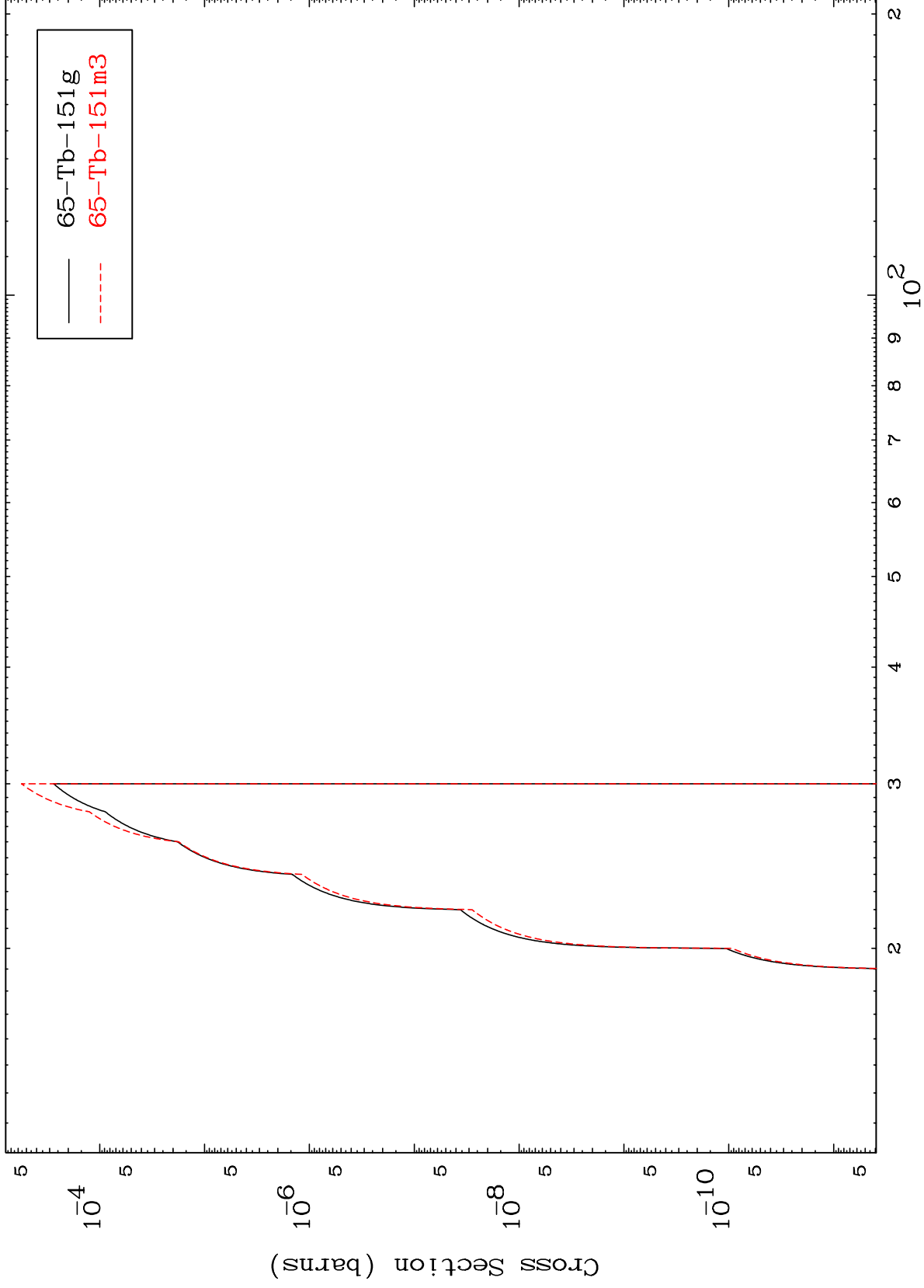


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$(n,3n) \alpha$

66-Dy-156

Radionuclide Production Cross Section



15

Incident Energy (MeV)

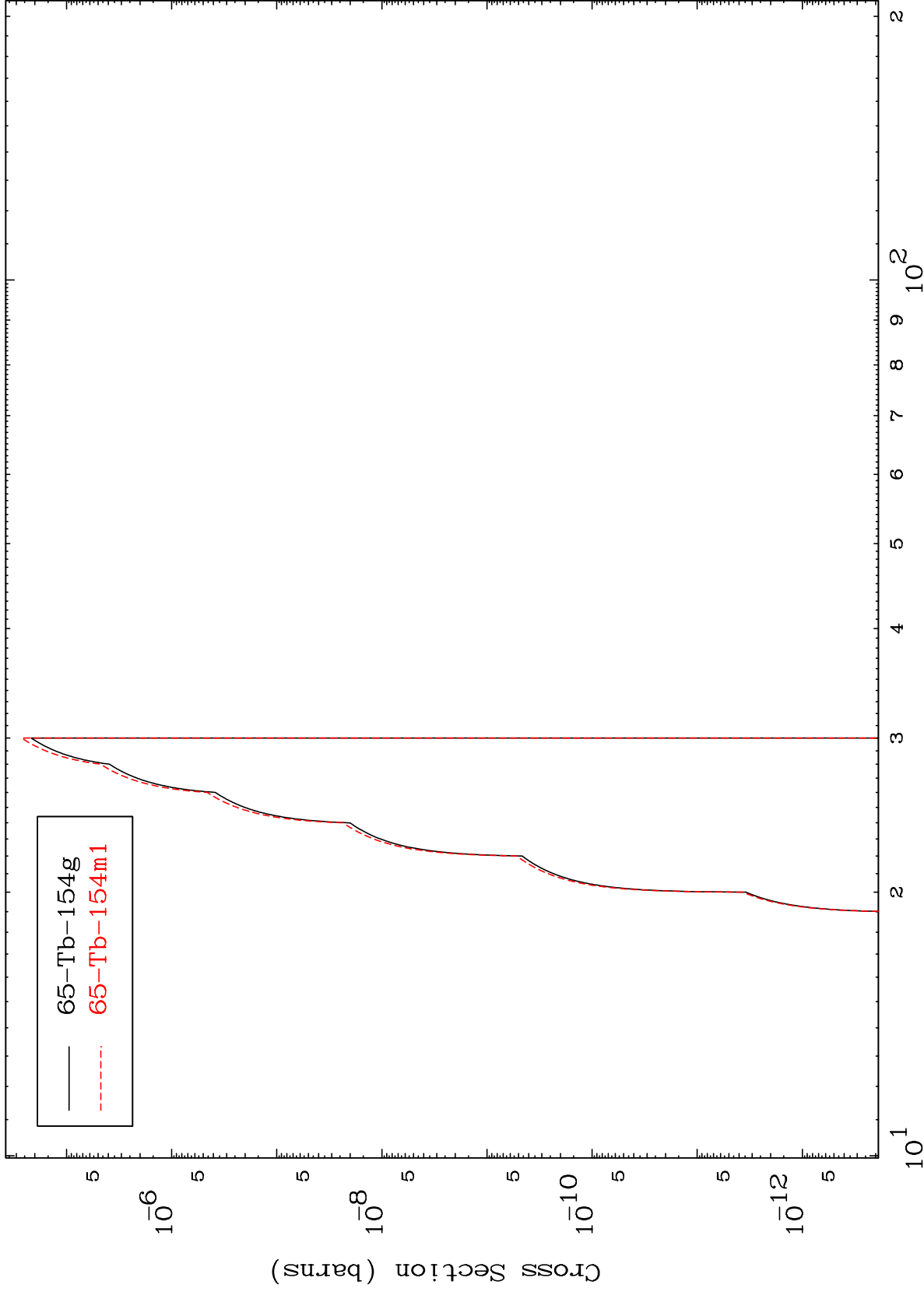
66-Dy-156

MAT 6625

(n,n') He-3

66-Dy-156

Radionuclide Production Cross Section



16

Incident Energy (MeV)

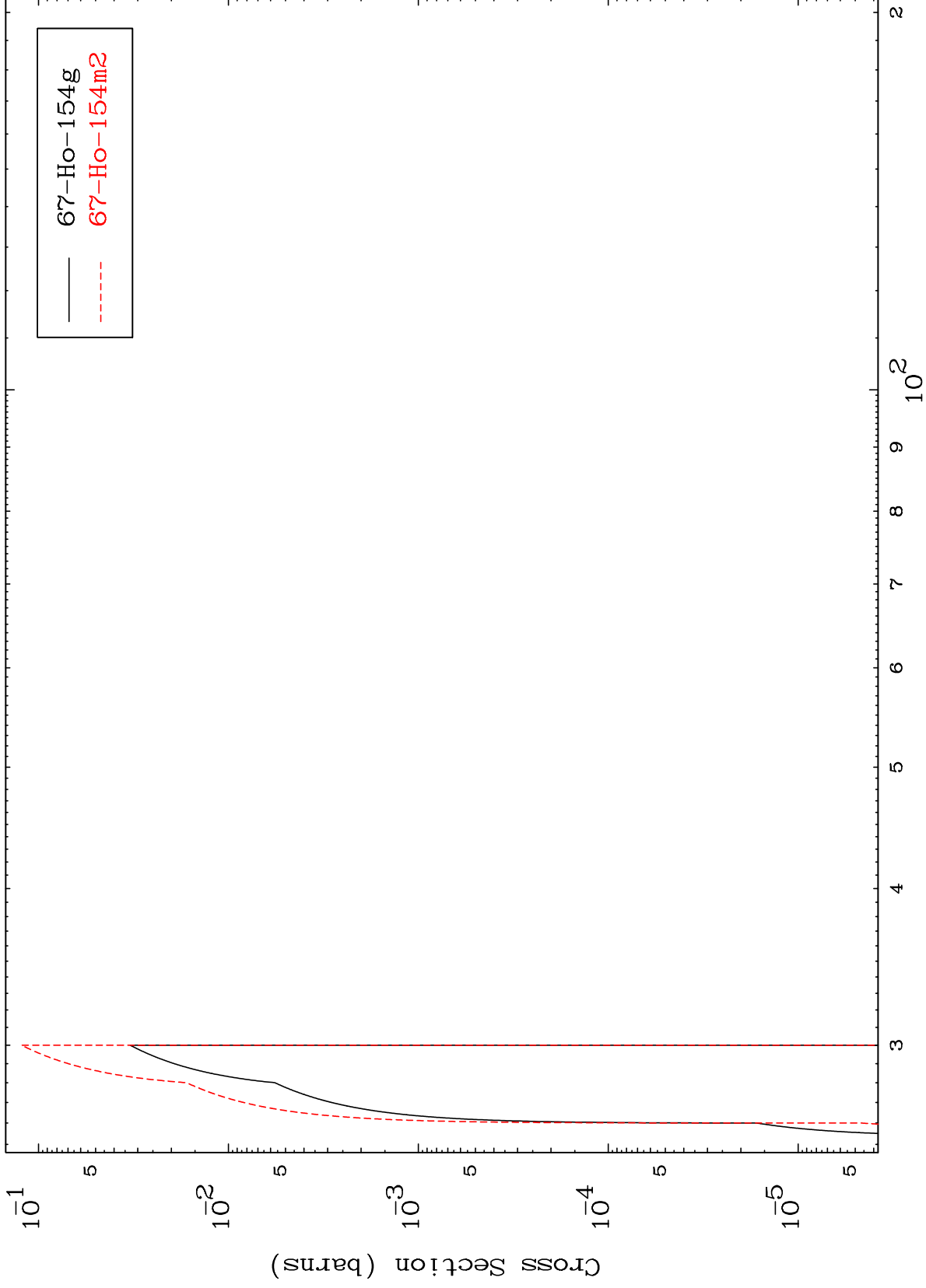
66-Dy-156

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(n,4n)

66-Dy-156

Radionuclide Production Cross Section



17

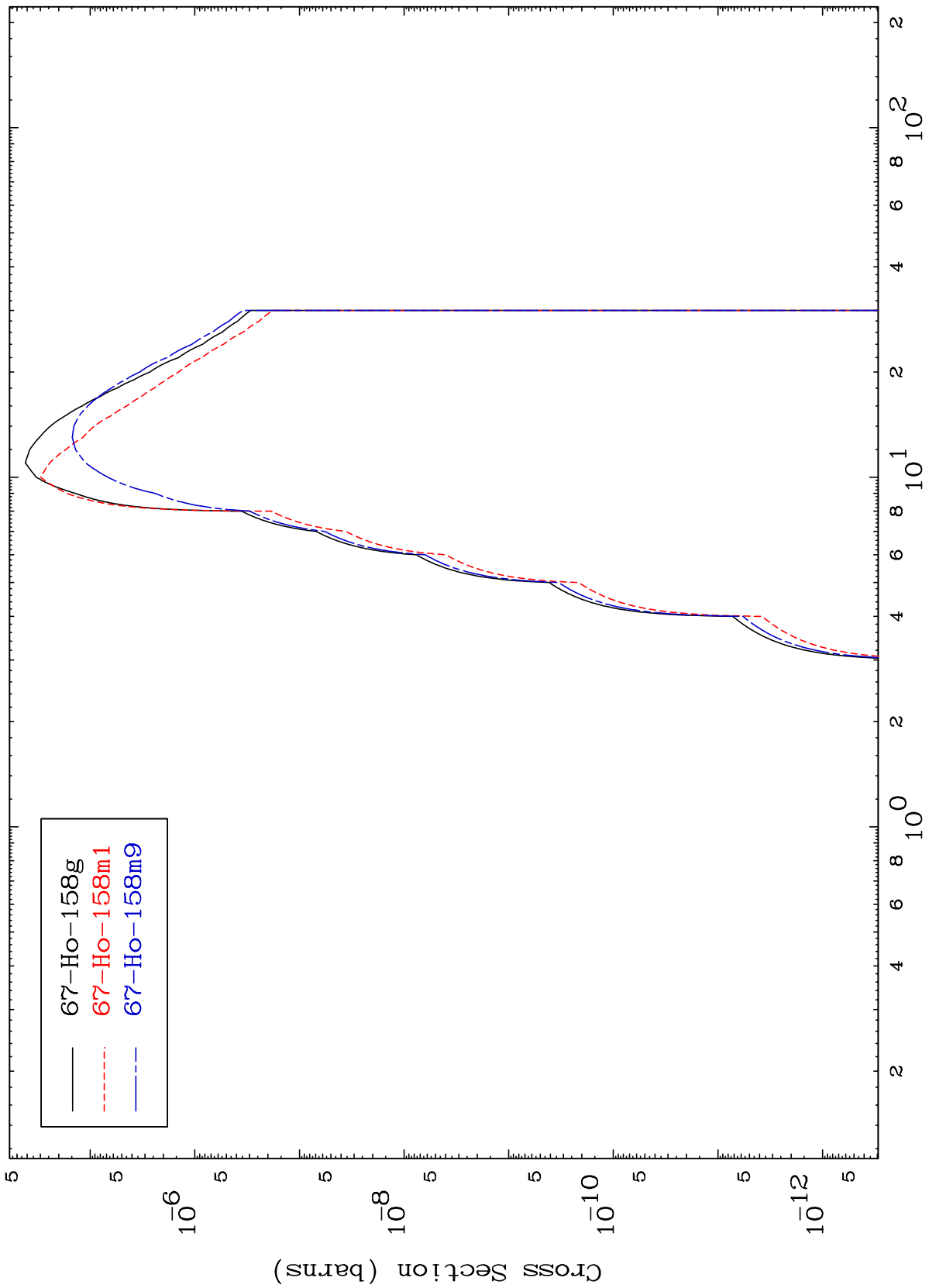
Incident Energy (MeV)

66-Dy-156

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66-Dy-156

(n, γ)
Radionuclide Production Cross Section



Legend:
— $^{67}\text{Ho-158g}$
- - $^{67}\text{Ho-158m1}$
- - $^{67}\text{Ho-158m9}$

66-Dy-156

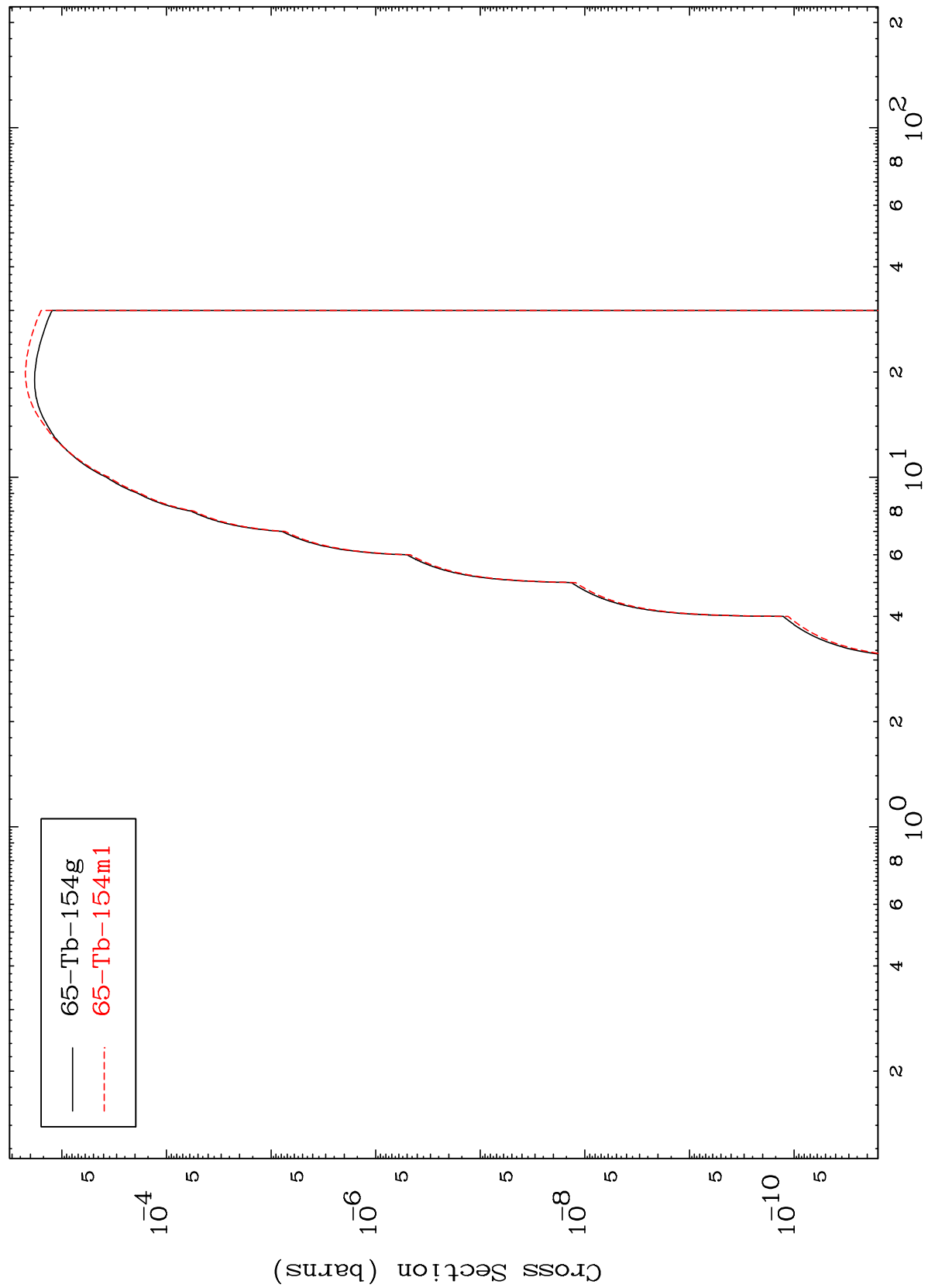
Incident Energy (MeV)

18

MAT 6625

66-Dy-156

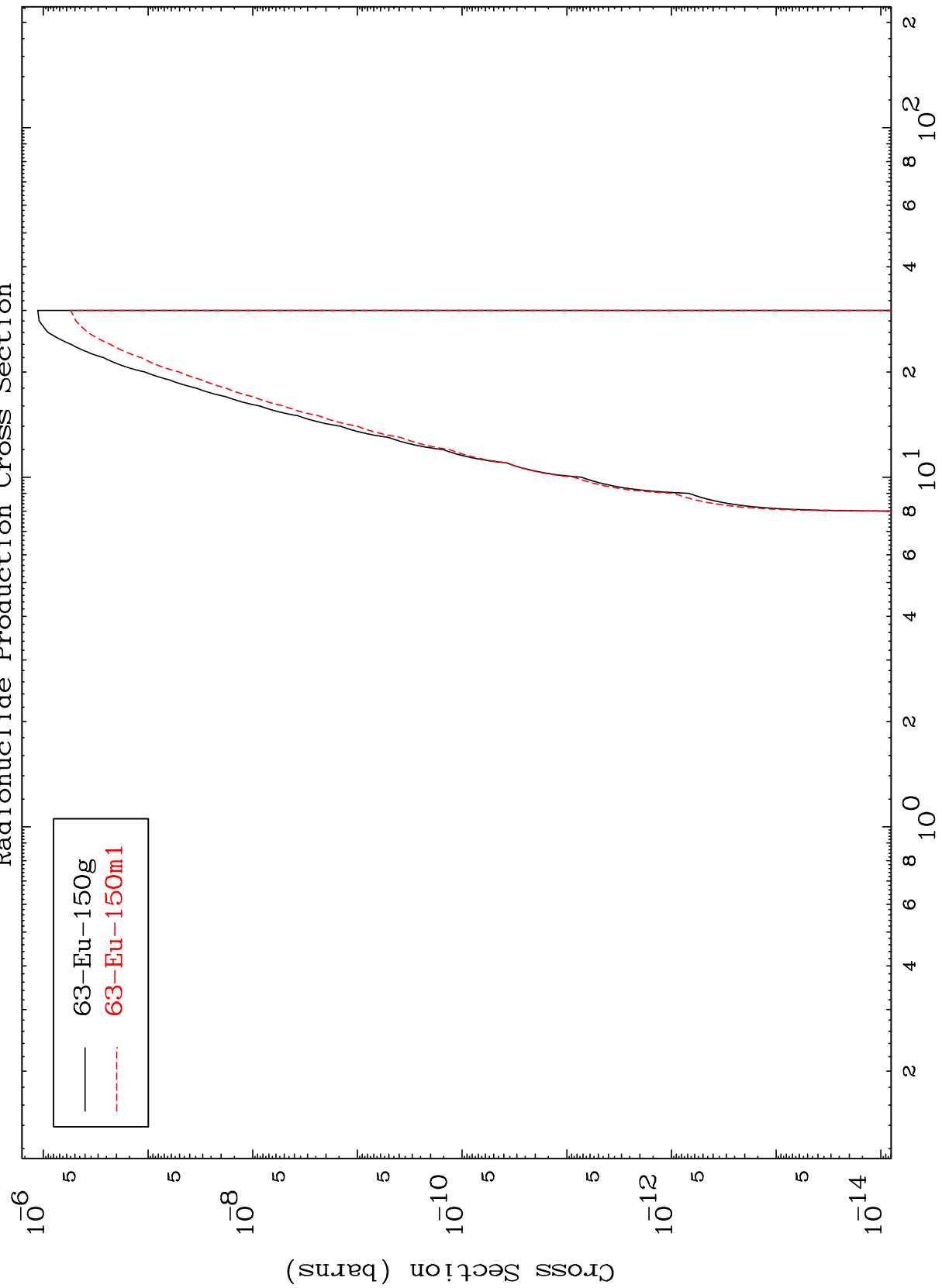
(n, α)
Radionuclide Production Cross Section



MAT 6625

66-Dy-156

(n,2α)
Radionuclide Production Cross Section



20

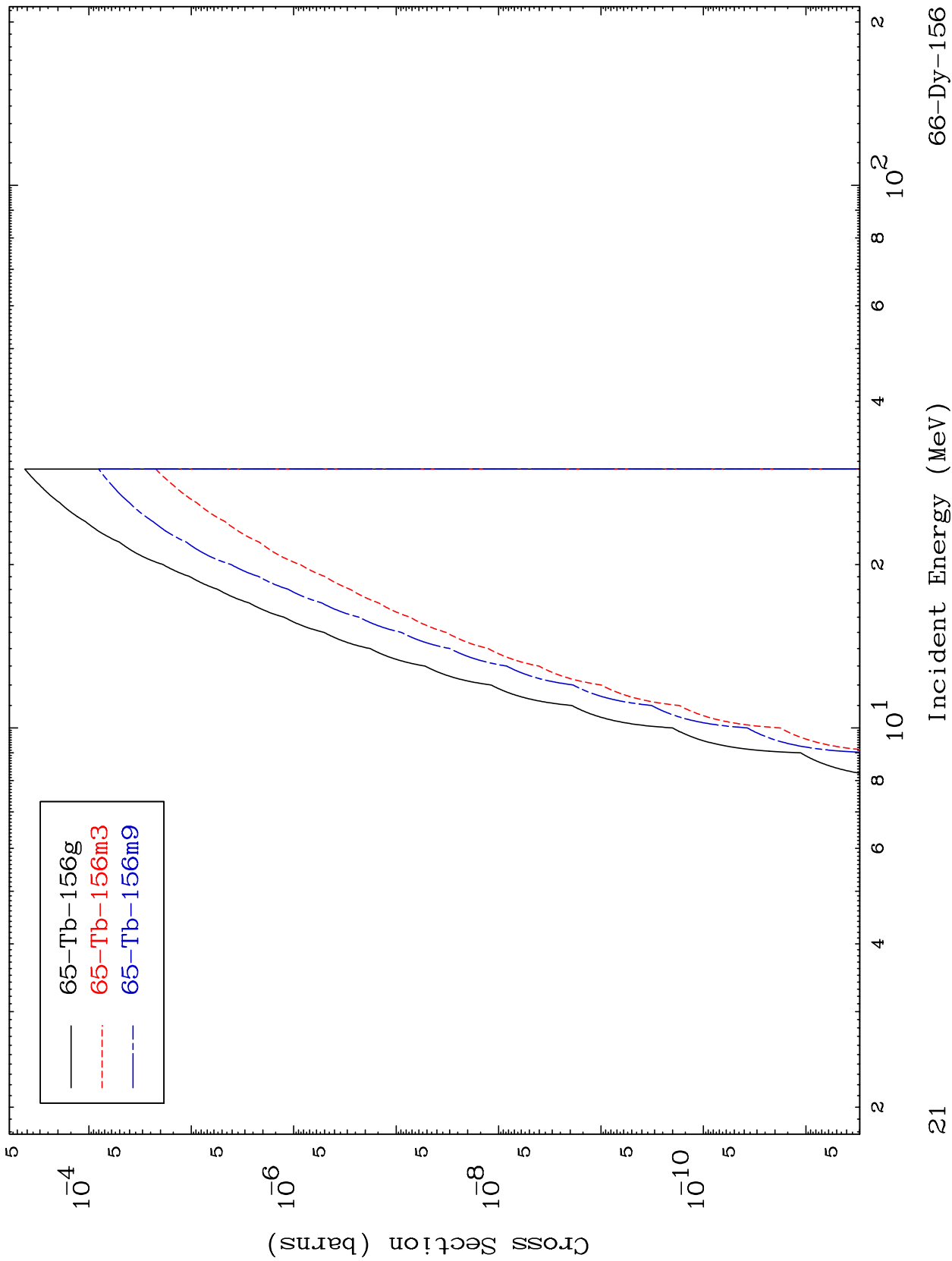
Incident Energy (MeV)

66-Dy-156

MAT 6625

66-Dy-156

(n,2p)
Radionuclide Production Cross Section

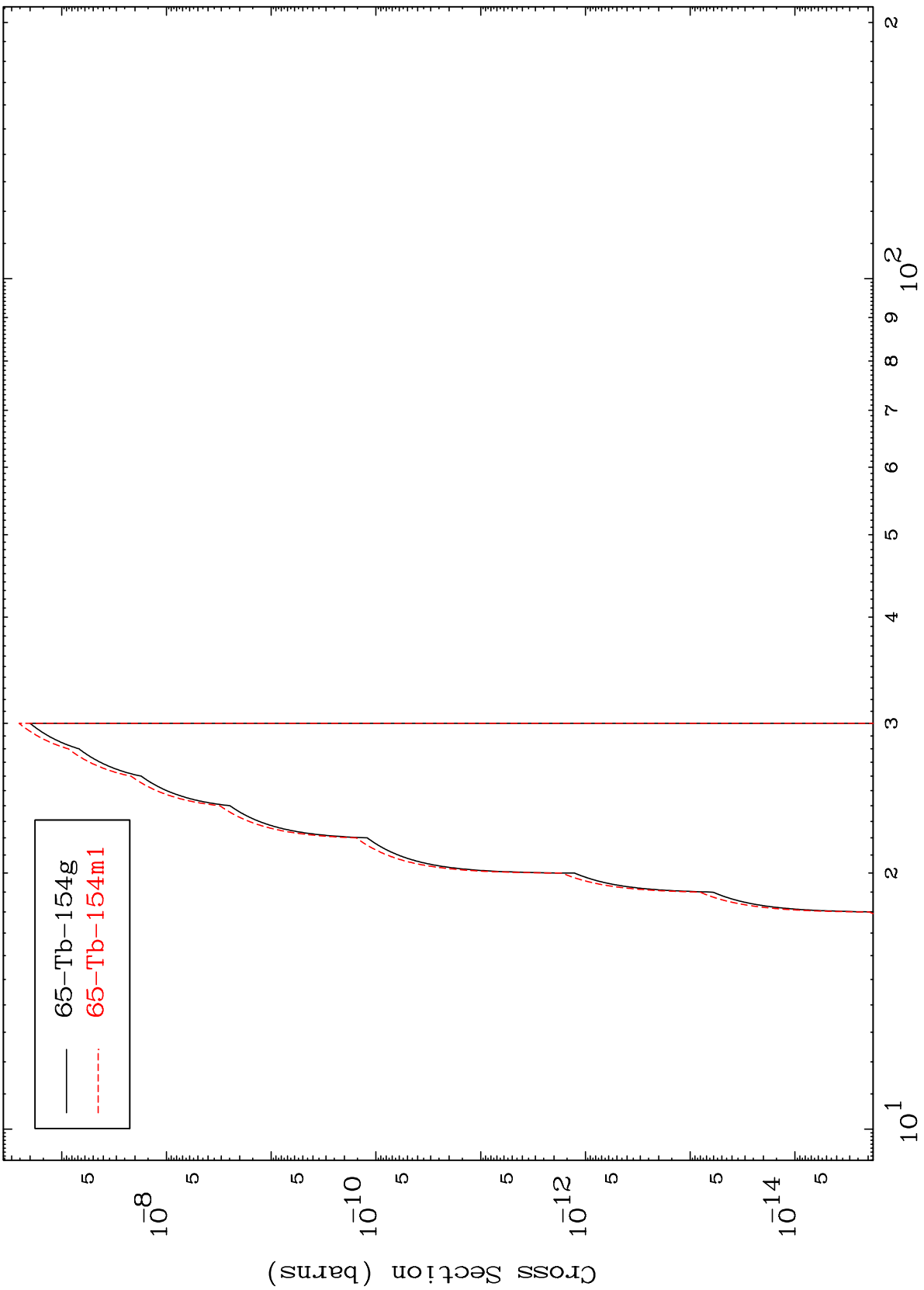


MAT 6625

(n,p) t

66-Dy-156

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-156