

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

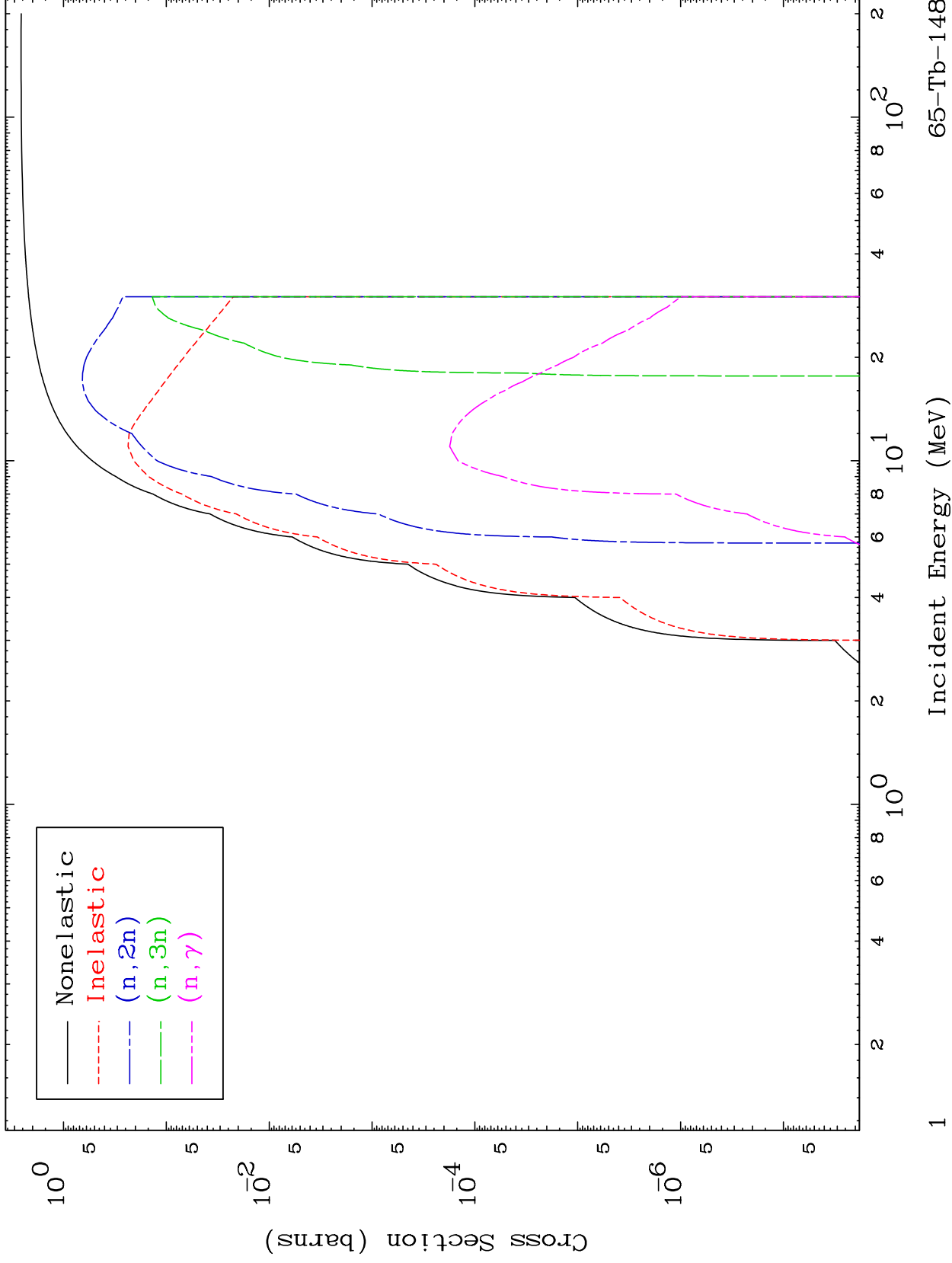
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Web: redcullen1.net/HOMEPAGE.NEW

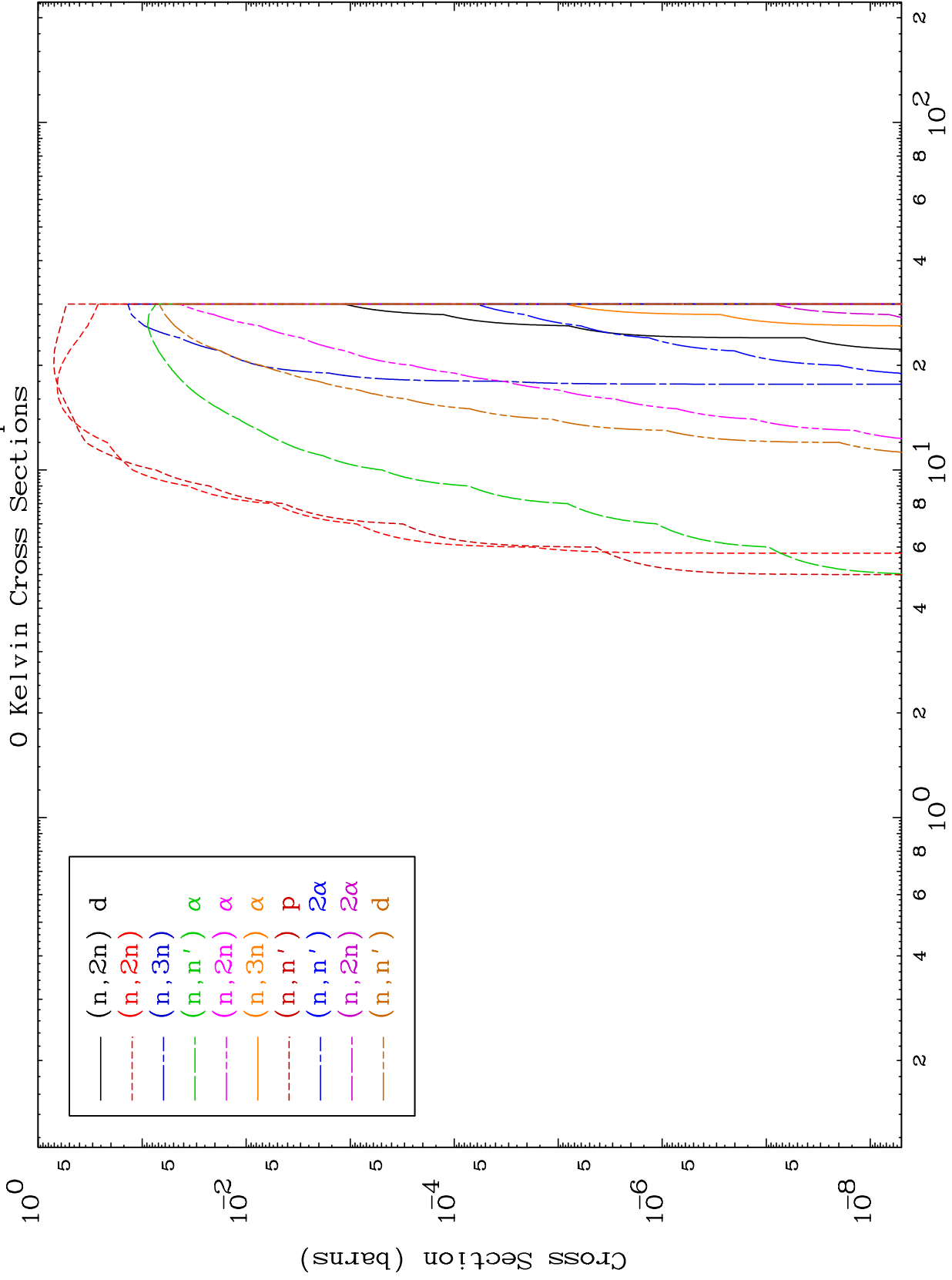
Press Mouse Button to Start



MAT 6492

Deuteron Neutron Absorption
0 Kelvin Cross Sections

65-Tb-148



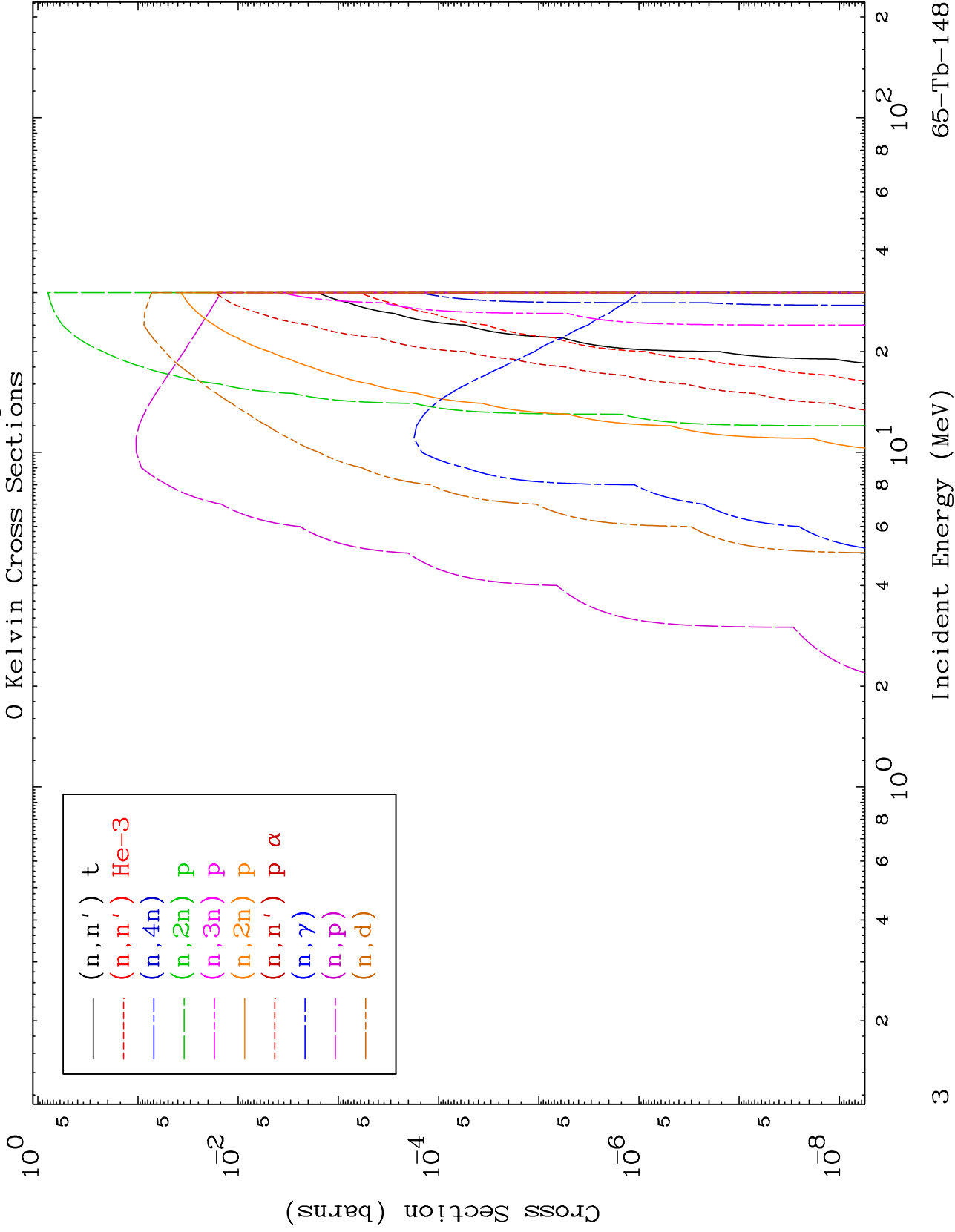
65-Tb-148

Incident Energy (MeV)

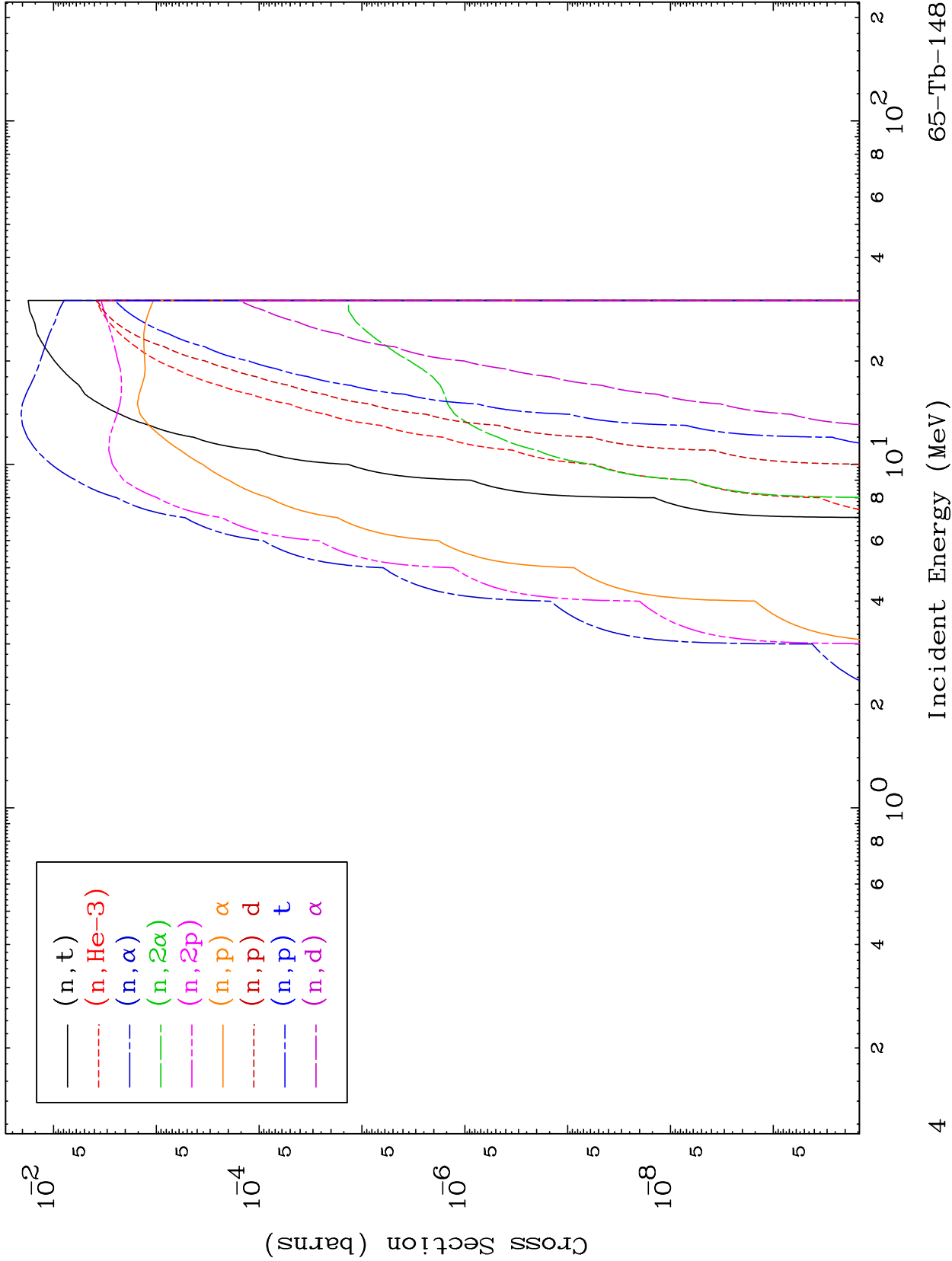
MAT 6492

Deuteron Neutron Absorption
0 Kelvin Cross Sections

65-Tb-148



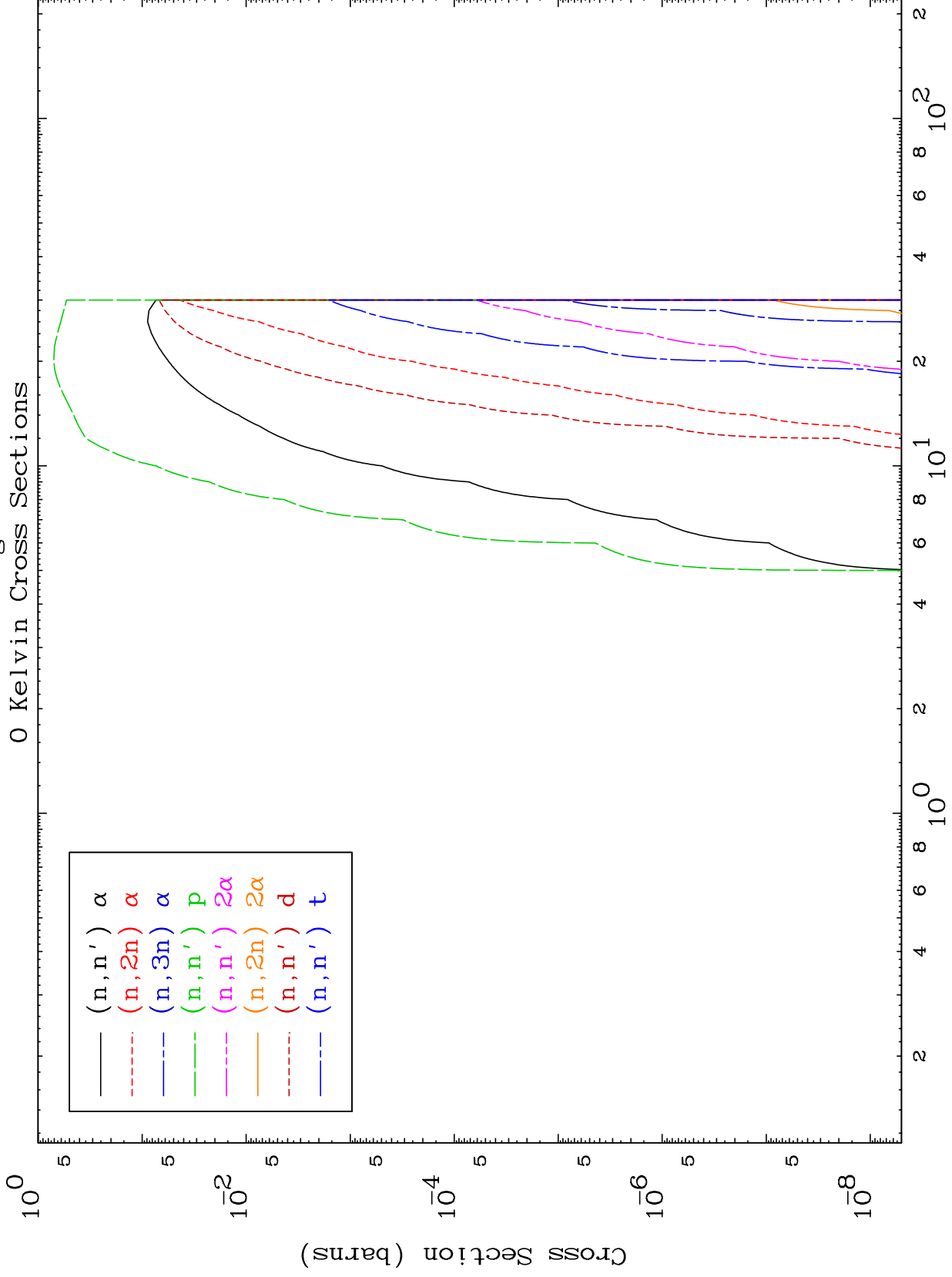
Deuteron Neutron Absorption
0 Kelvin Cross Sections



MAT 6492

Deuteron Charged Particle
0 Kelvin Cross Sections

65-Tb-148



5

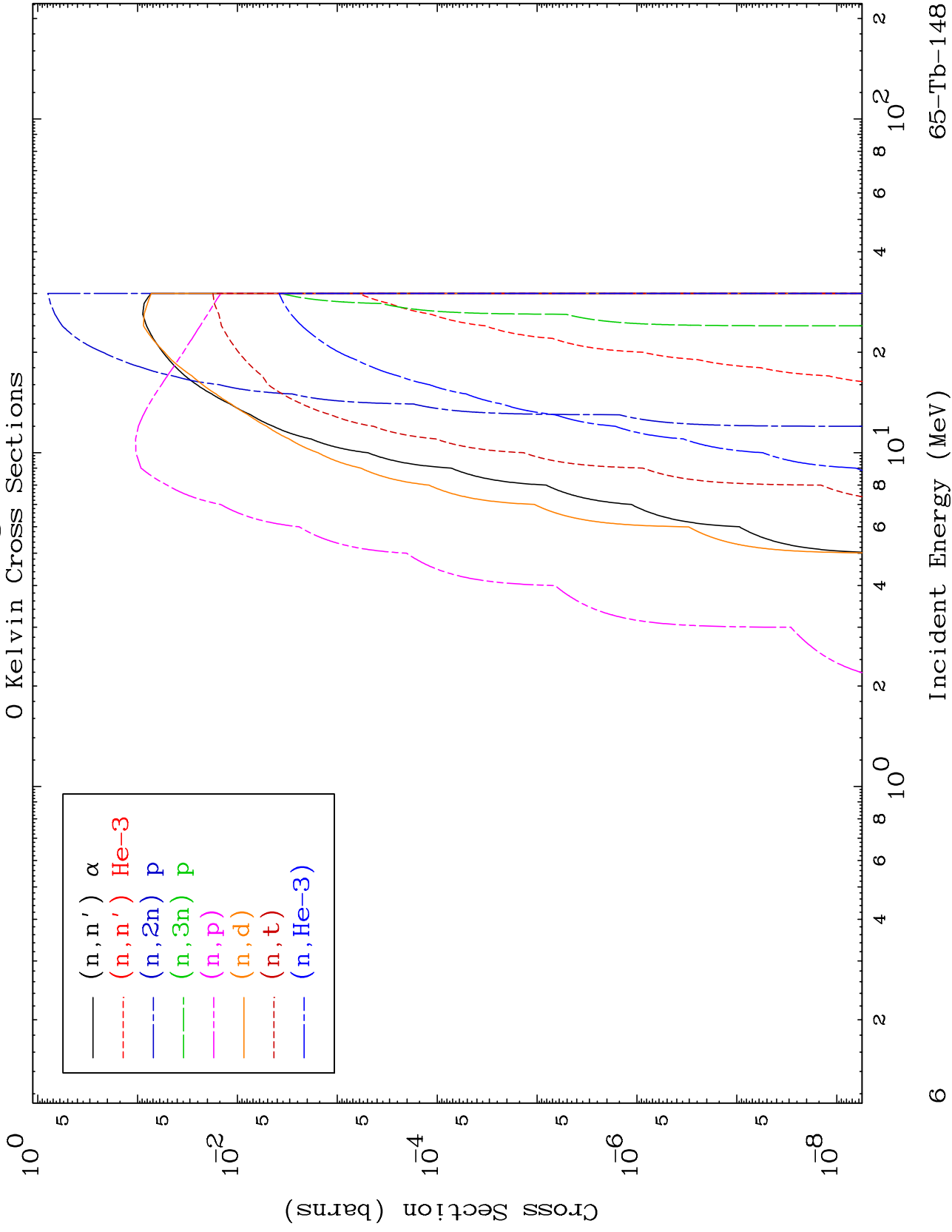
Incident Energy (MeV)

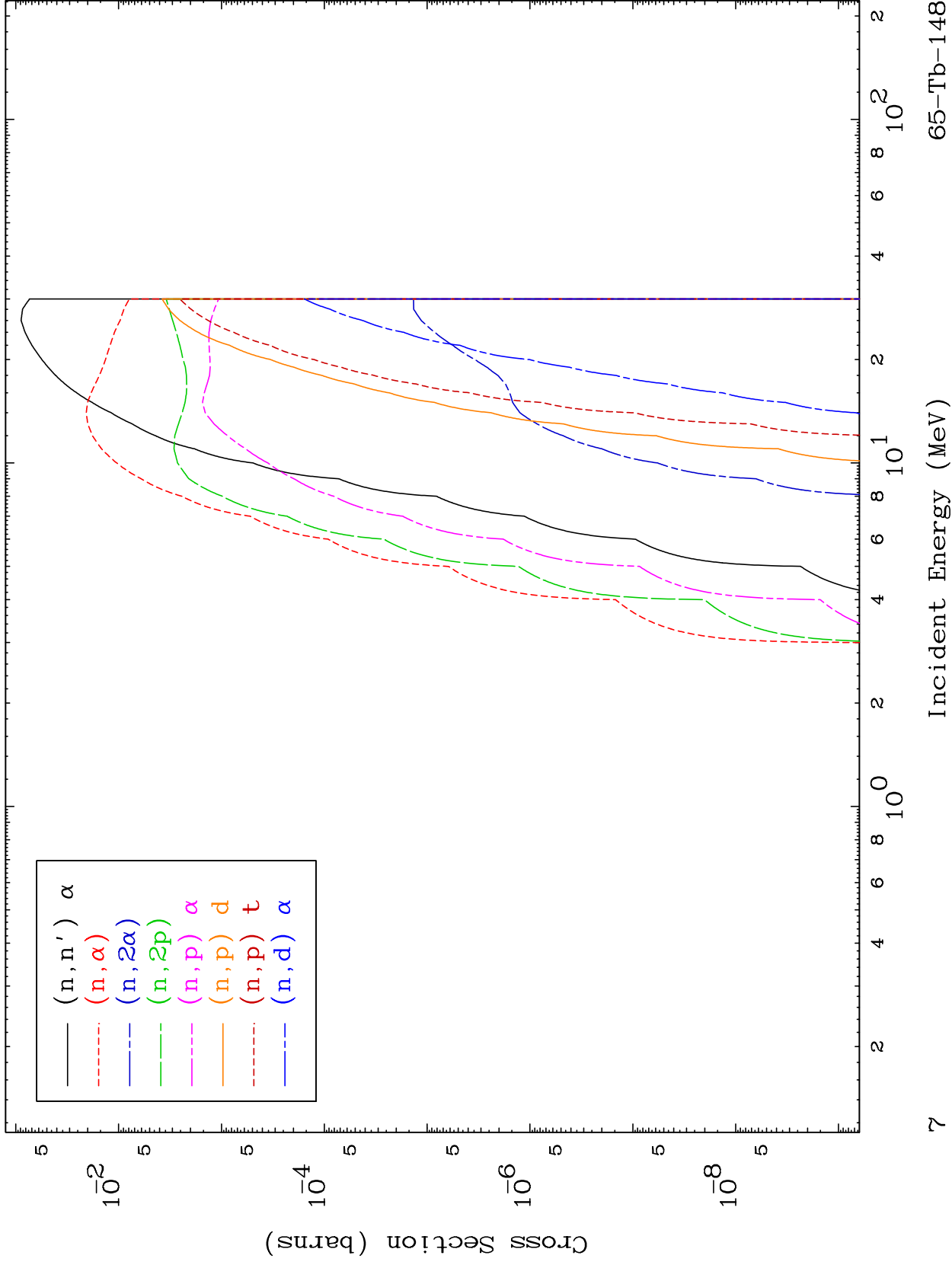
65-Tb-148

MAT 6492

Deuteron Charged Particle
0 Kelvin Cross Sections

65-Tb-148



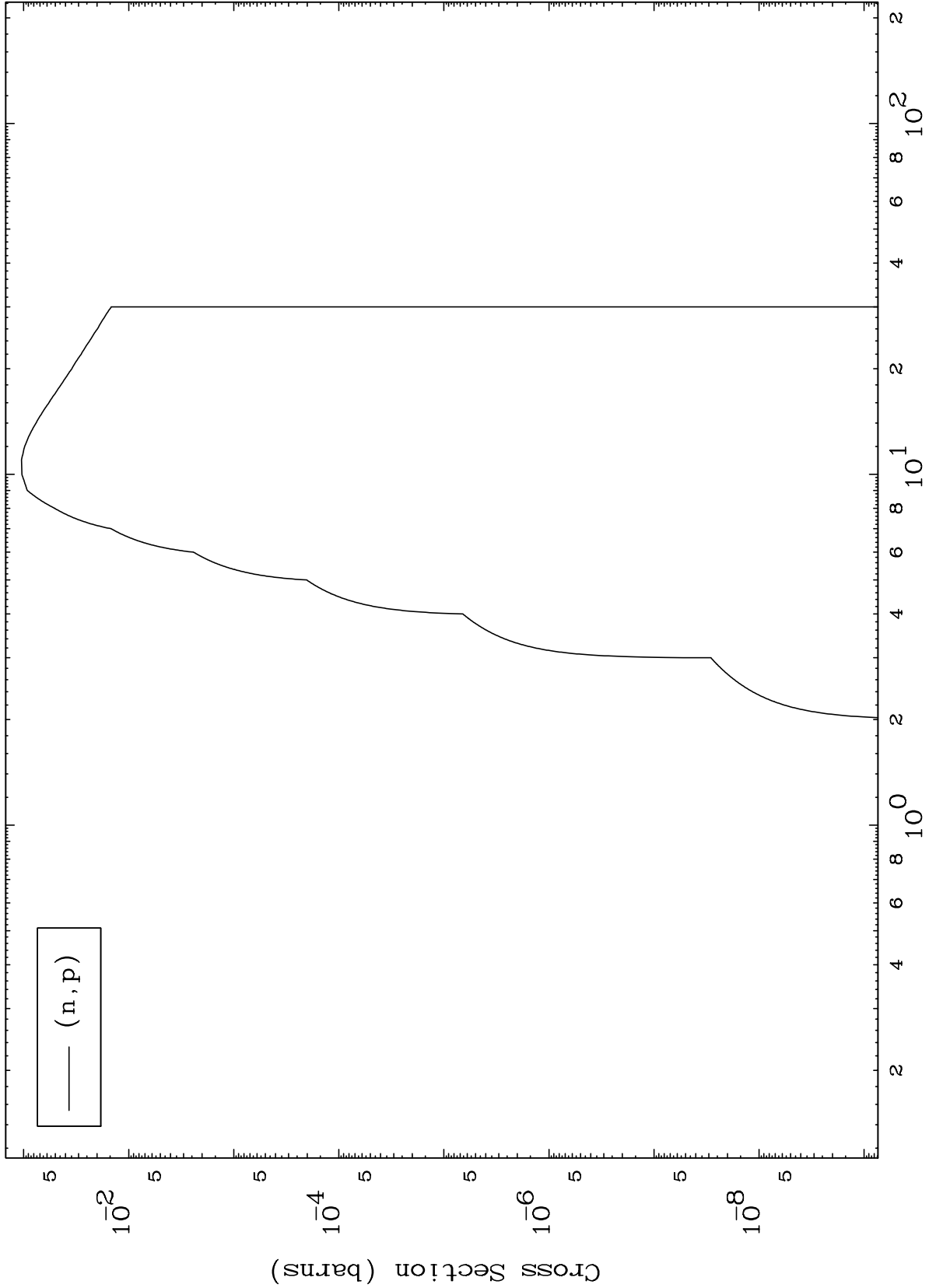


MAT 6492

(d,p) Levels

65-Tb-148

0 Kelvin Cross Sections

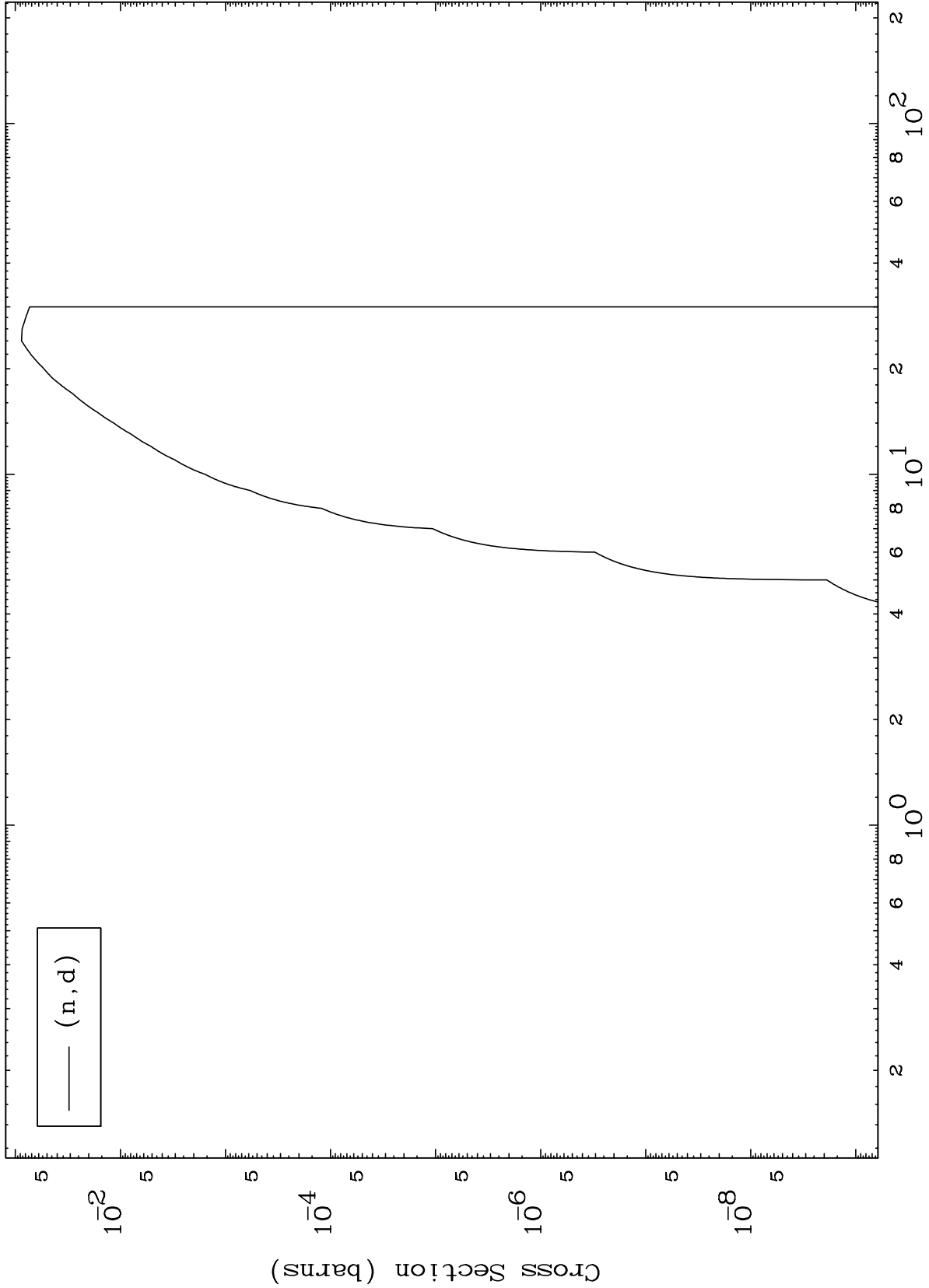


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(d,d) Levels

65-Tb-148

0 Kelvin Cross Sections

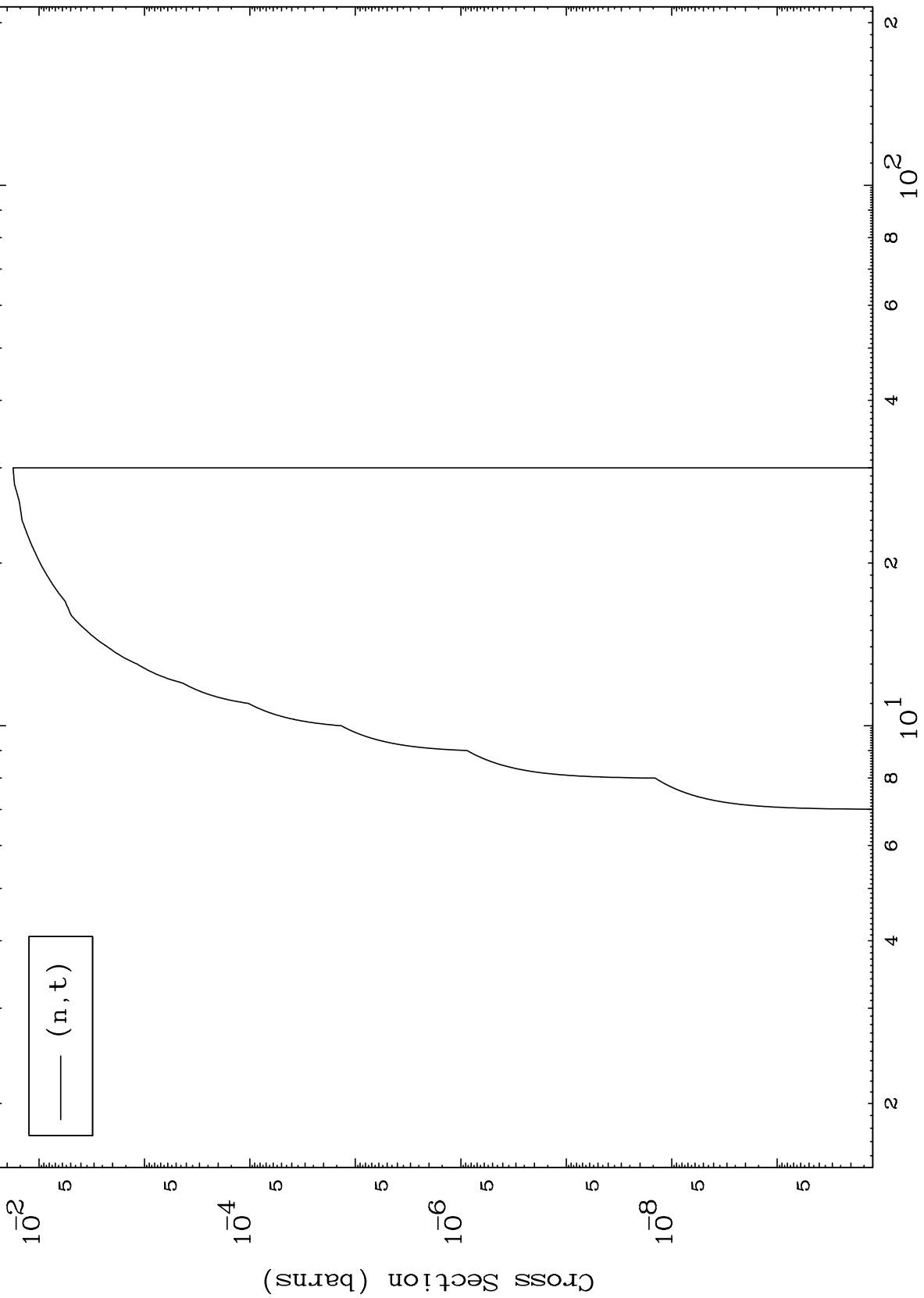


MAT 6492

(d, t) Levels

65-Tb-148

0 Kelvin Cross Sections



(n, t)

10

Incident Energy (MeV)

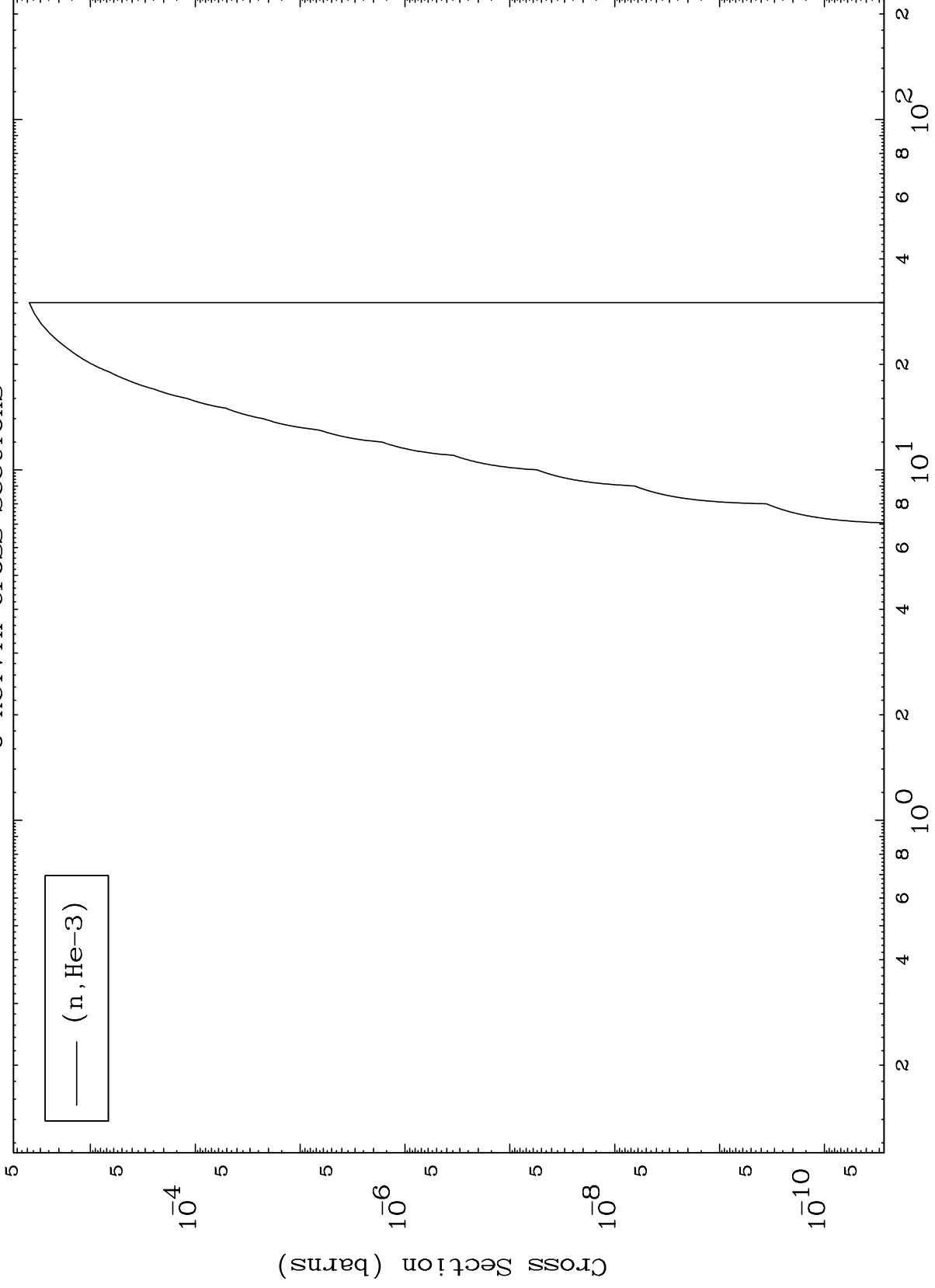
65-Tb-148

MAT 6492

(d,He3) Levels

65-Tb-148

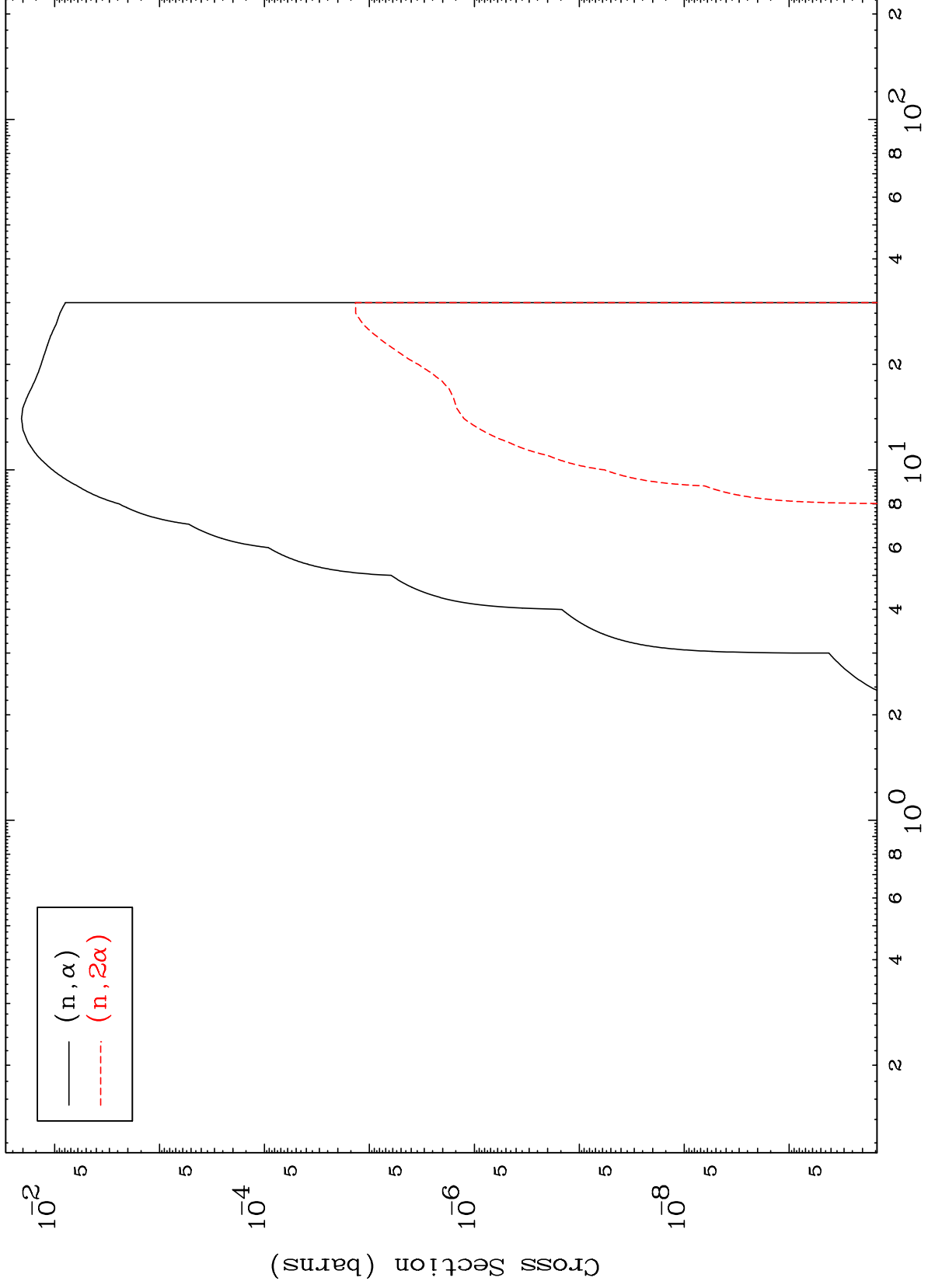
0 Kelvin Cross Sections



MAT 6492

(d, α) Levels
0 Kelvin Cross Sections

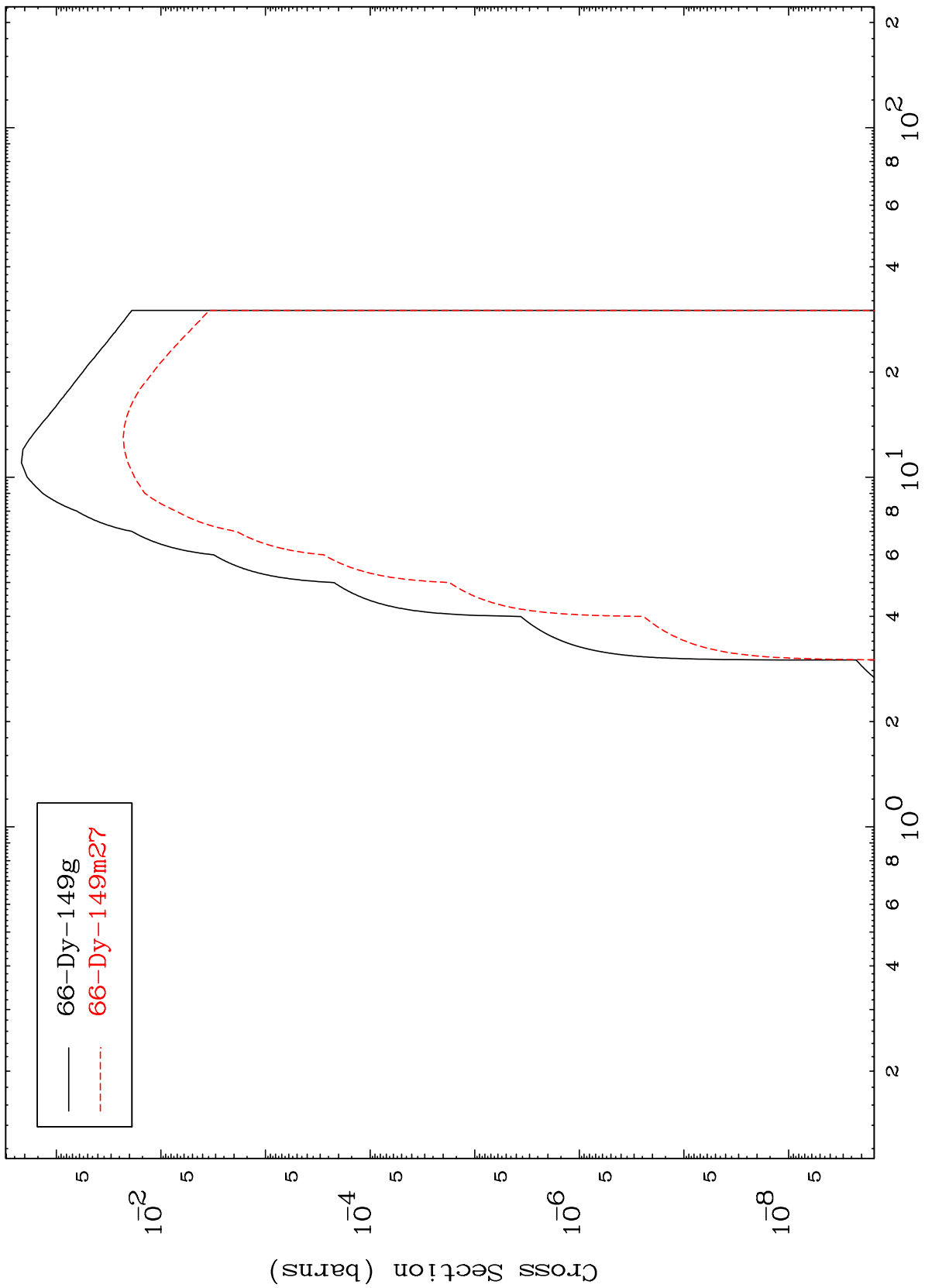
65-Tb-148



MAT 6492

65-Tb-148

Inelastic
Radionuclide Production Cross Section

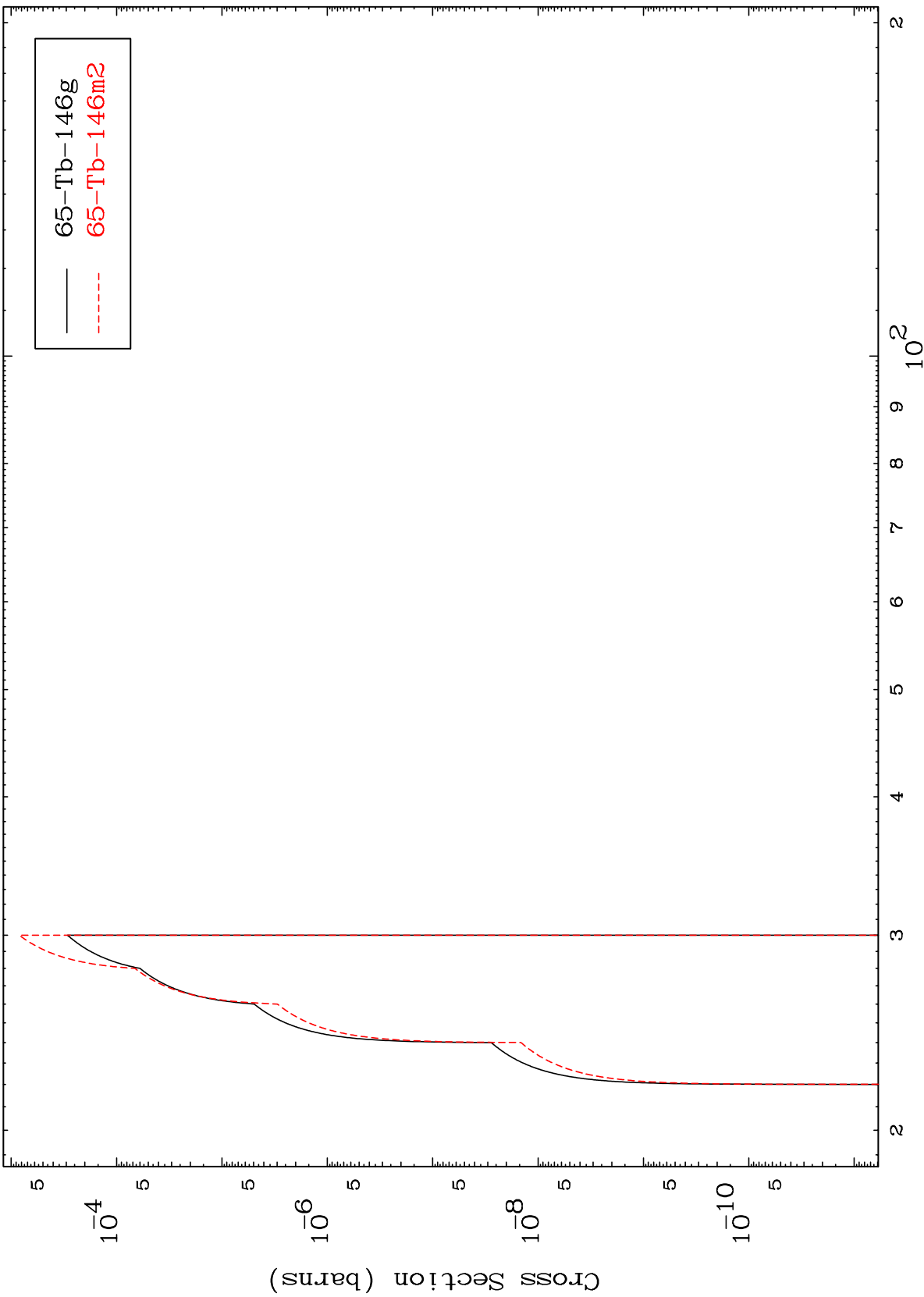


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(n,2n) d

65-Tb-148

Radionuclide Production Cross Section



14

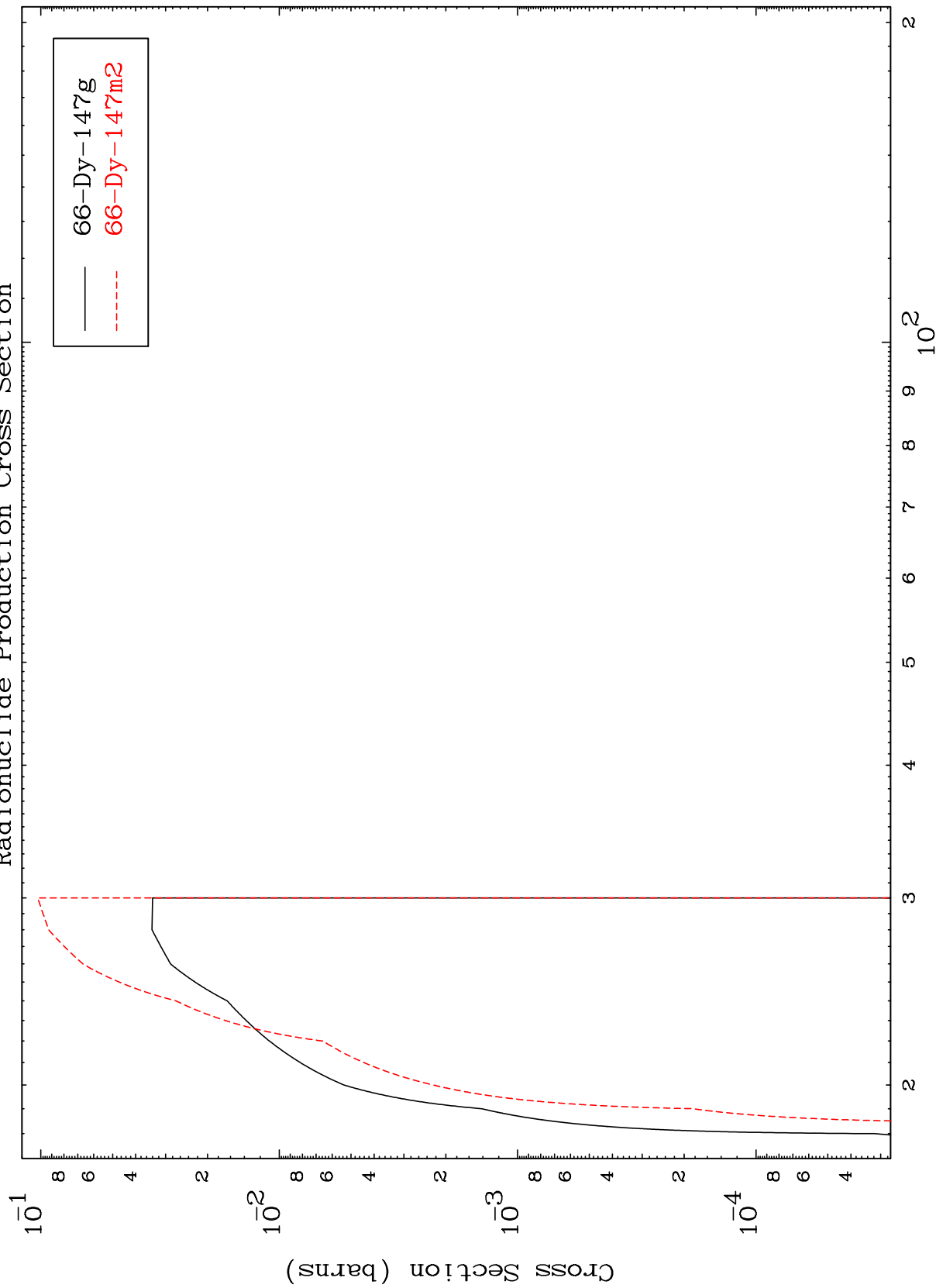
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

(n,3n)
Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

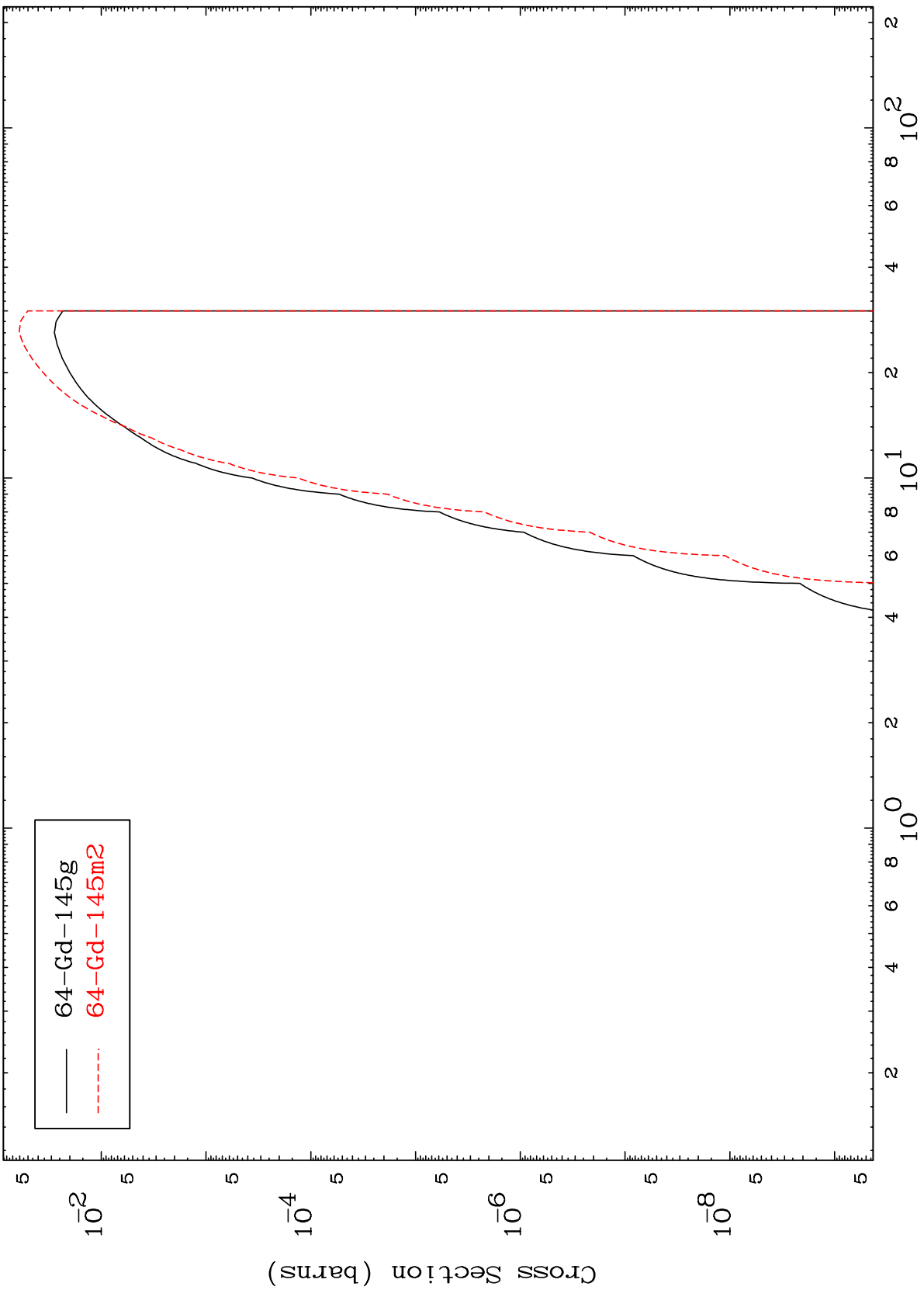
15

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(n, n') α

65-Tb-148

Radionuclide Production Cross Section

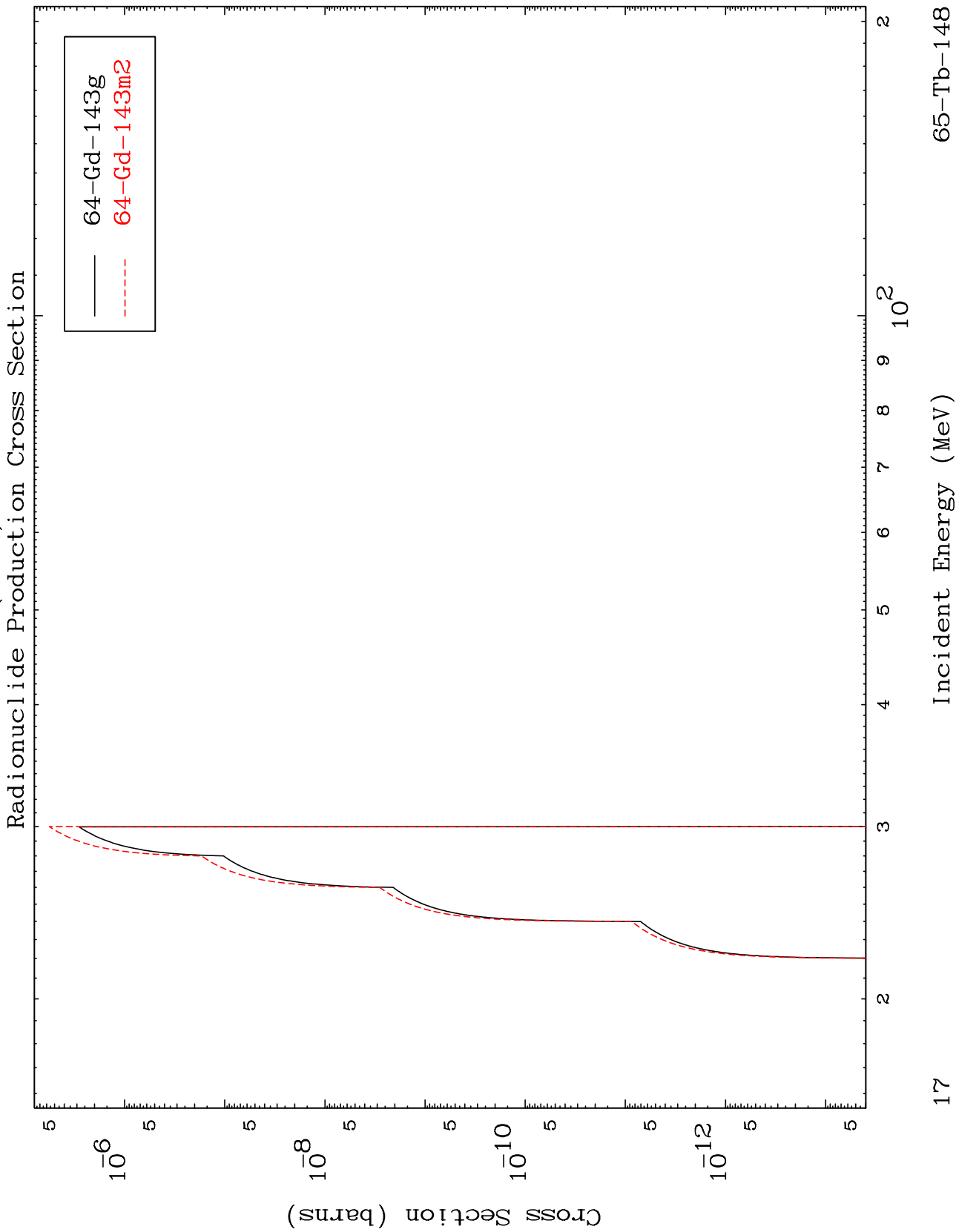


64-Gd-145g
64-Gd-145m2

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(n,3n) α

65-Tb-148



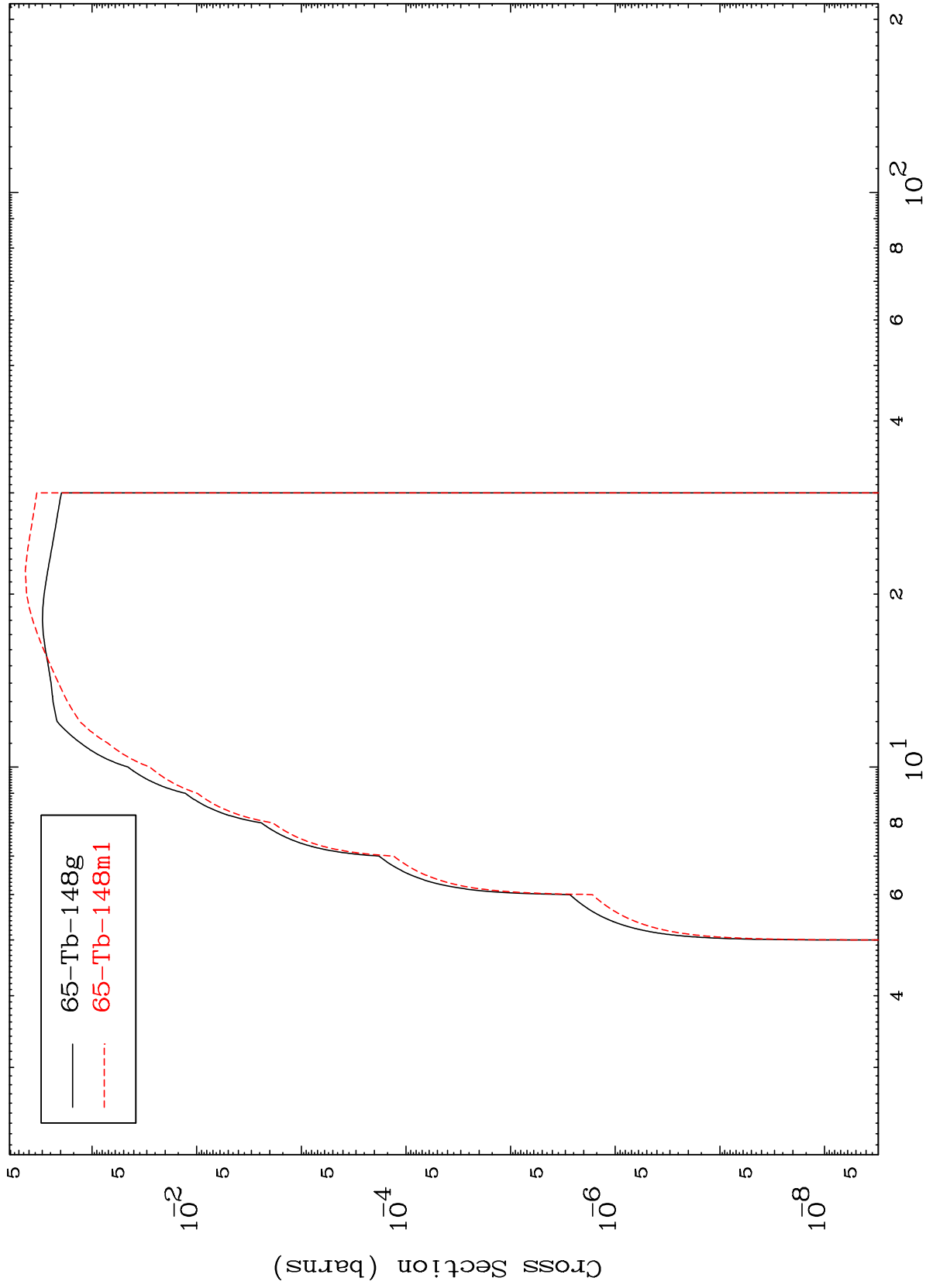
17

65-Tb-148

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65-Tb-148

(n,n') p
Radionuclide Production Cross Section



65-Tb-148

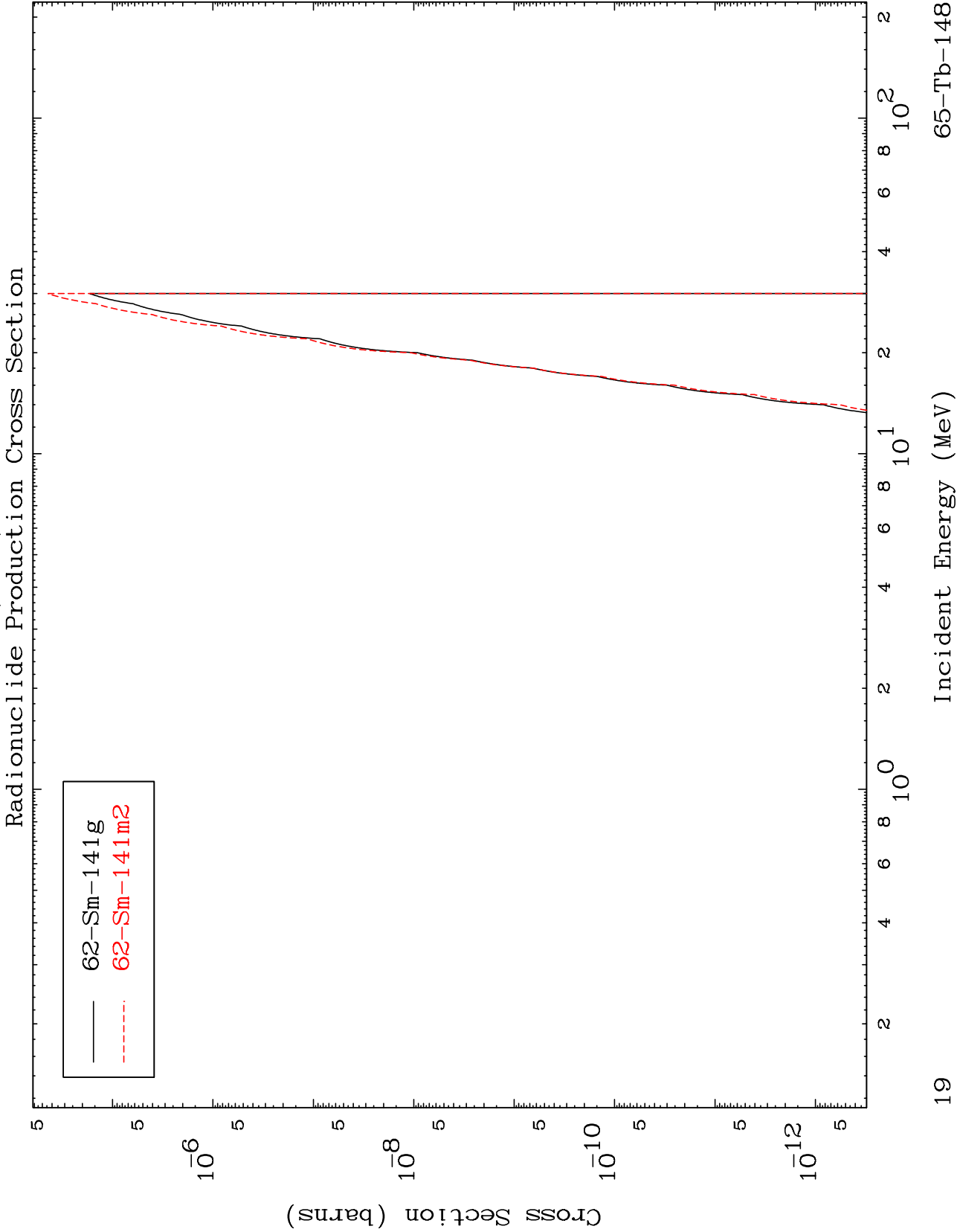
Incident Energy (MeV)

18

MAT 6492

(n,n') 2 α

65-Tb-148

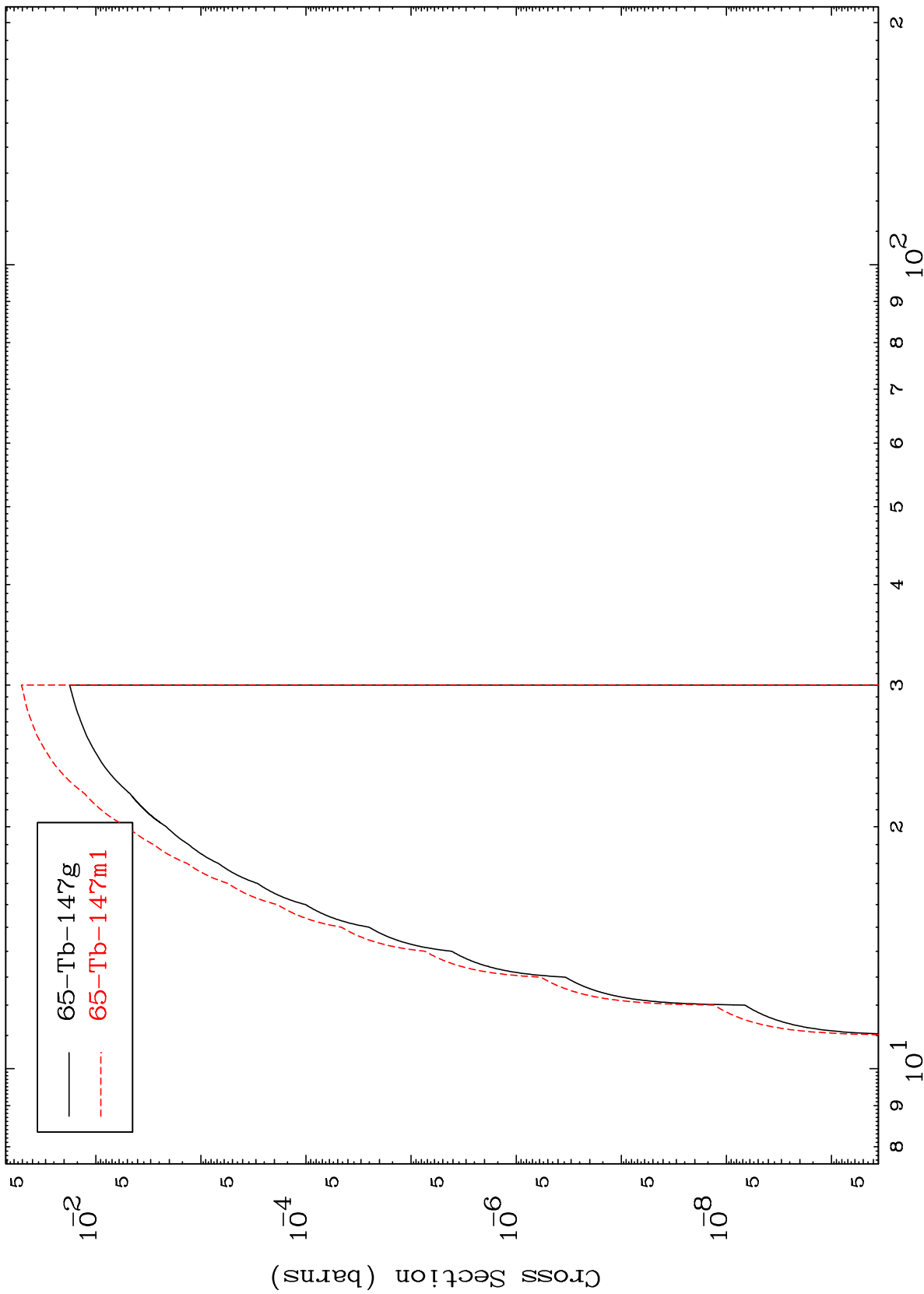


MAT 6492

(n,n') d

65-Tb-148

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

Incident Energy (MeV)

65-Tb-148

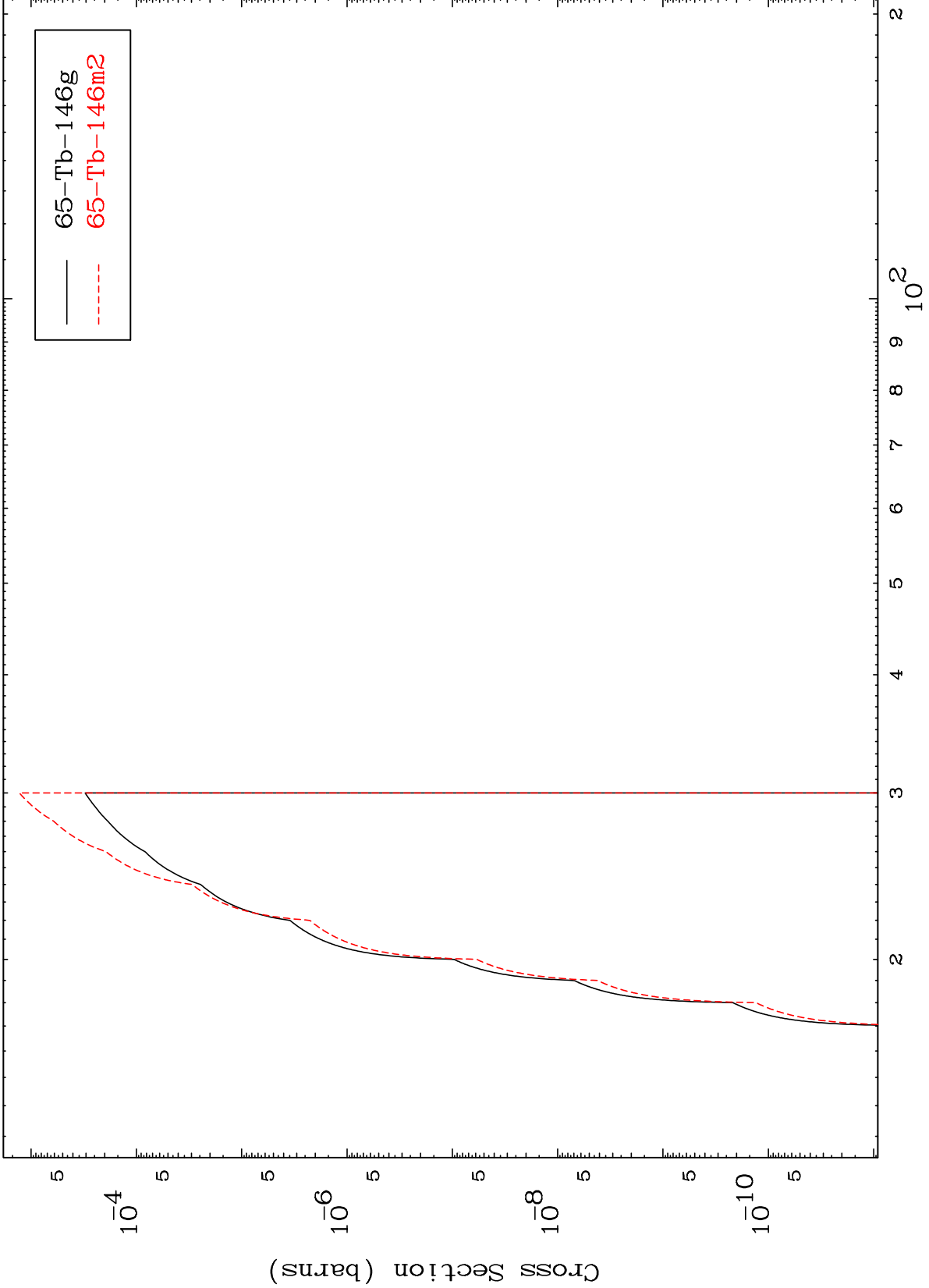
20

MAT 6492

(n,n') t

65-Tb-148

Radionuclide Production Cross Section

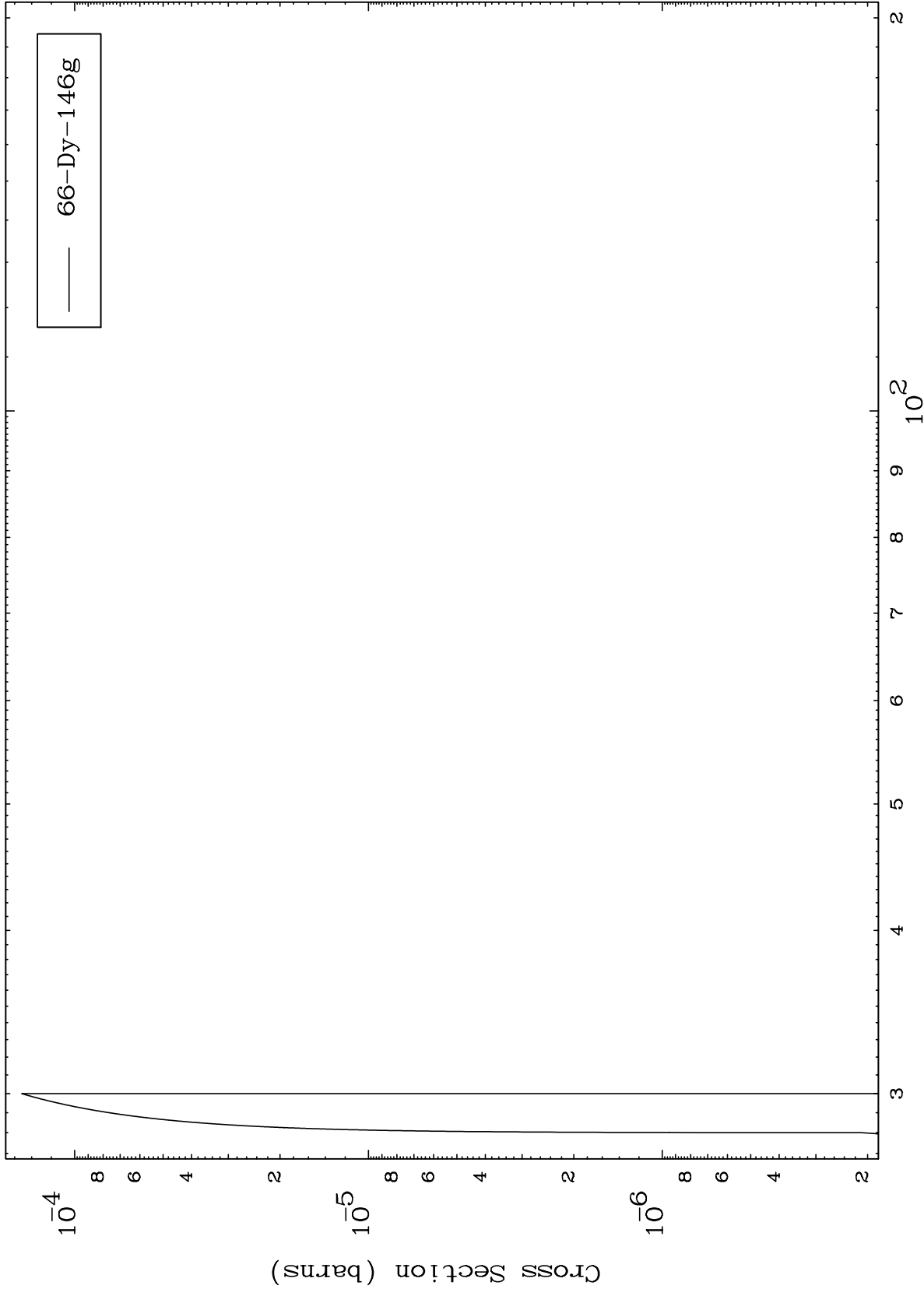


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(n,4n)

65-Tb-148

Radionuclide Production Cross Section



22

Incident Energy (MeV)

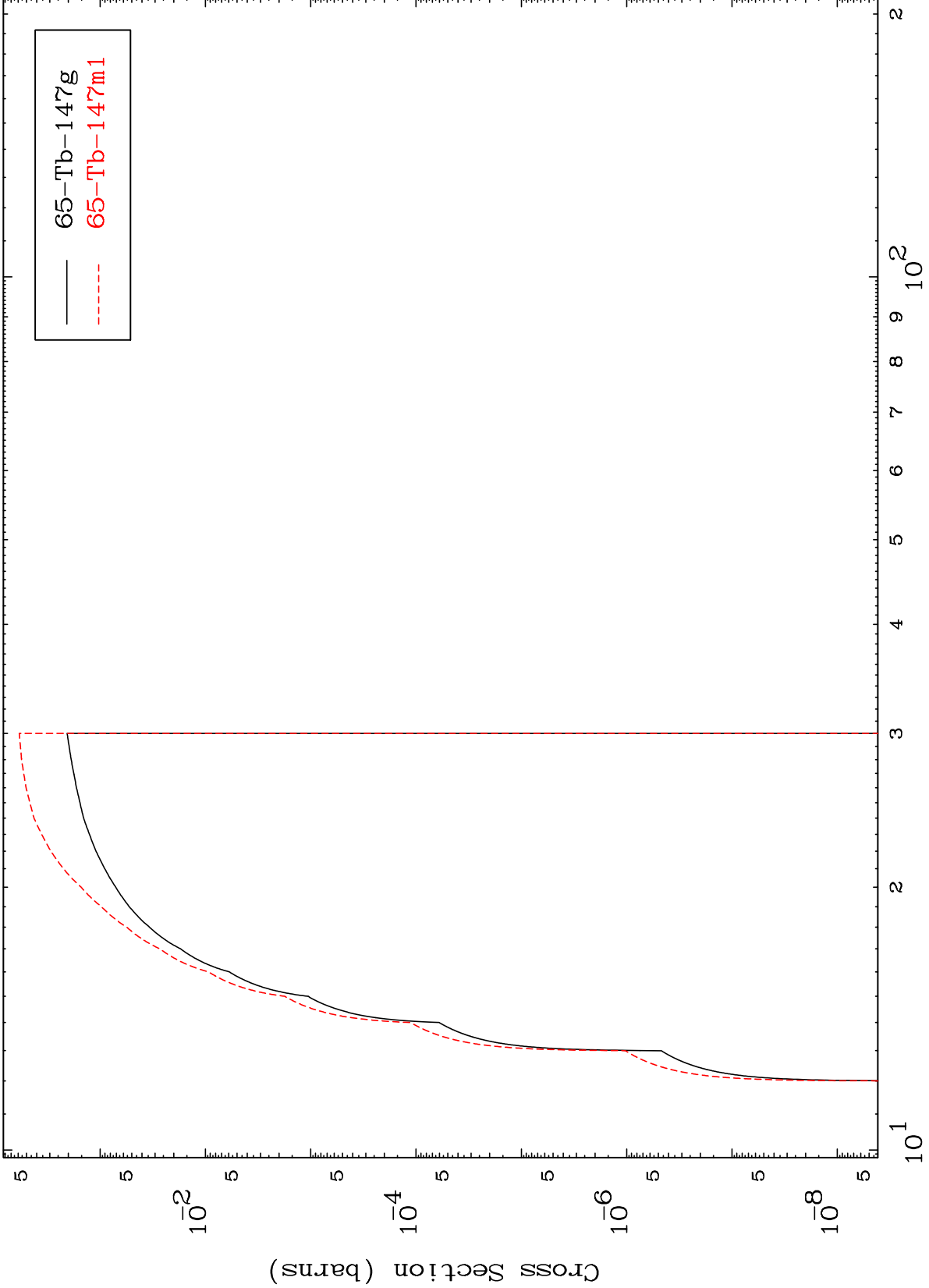
65-Tb-148

MAT 6492

(n,2n) p

65-Tb-148

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

23

Incident Energy (MeV)

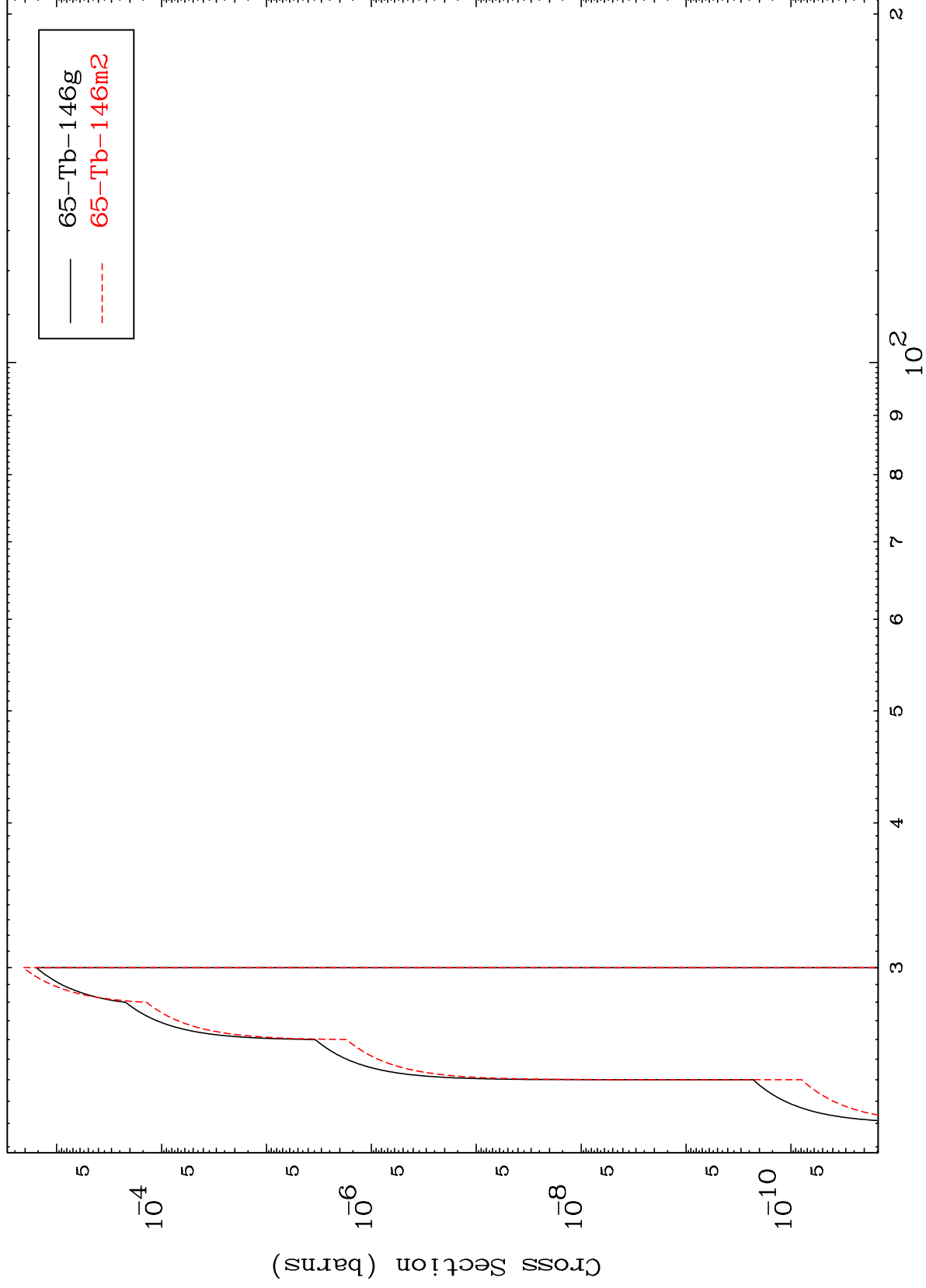
65-Tb-148

MAT 6492

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



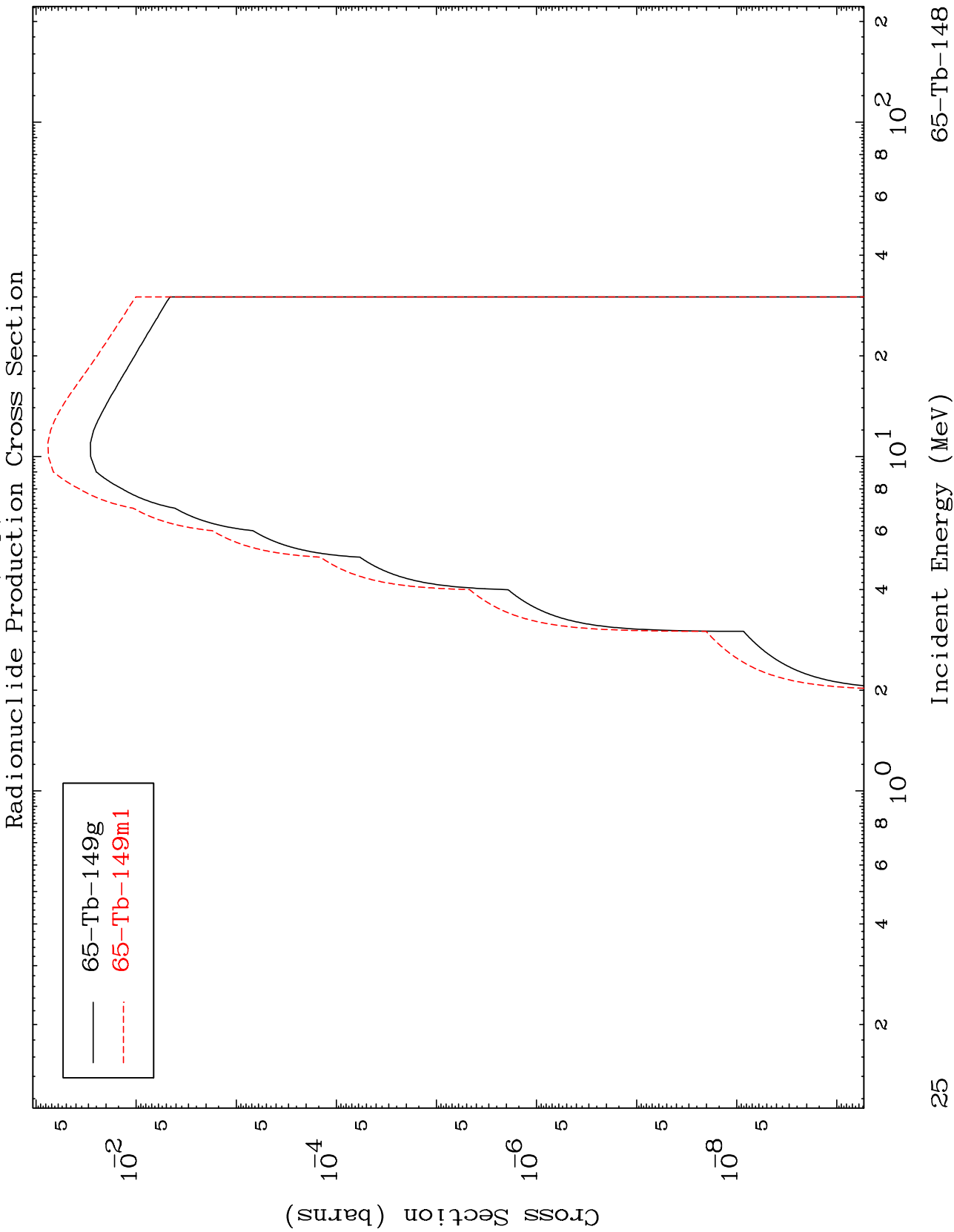
24

Incident Energy (MeV)

65-Tb-148

MAT 6492

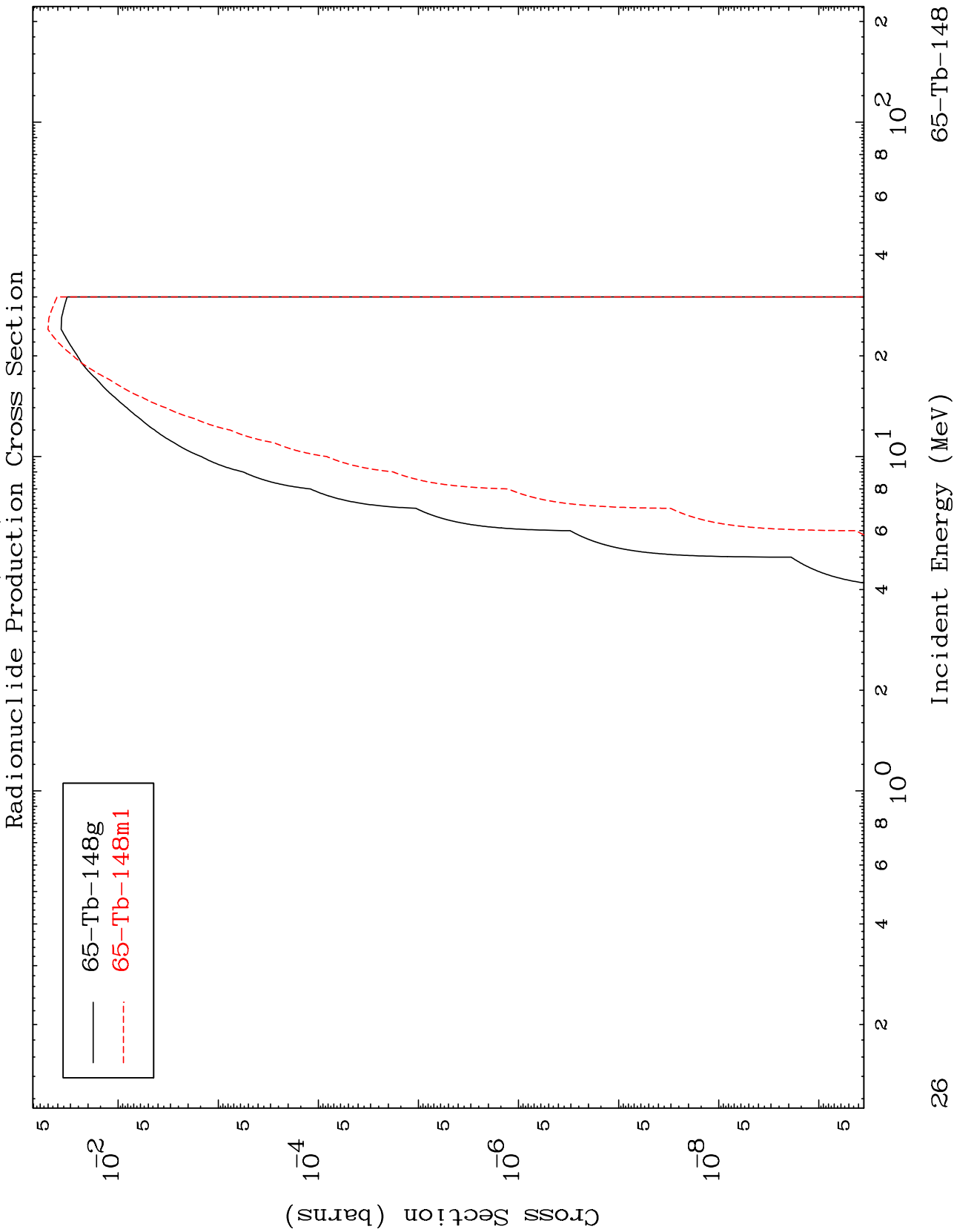
⁶⁵Tb-148



MAT 6492

(n,d)

65-Tb-148



26

65-Tb-148

MAT 6492

65-Tb-148

(n, t)
Radionuclide Production Cross Section

