

Program EVALPLOT  
(Version 2021-1)

by

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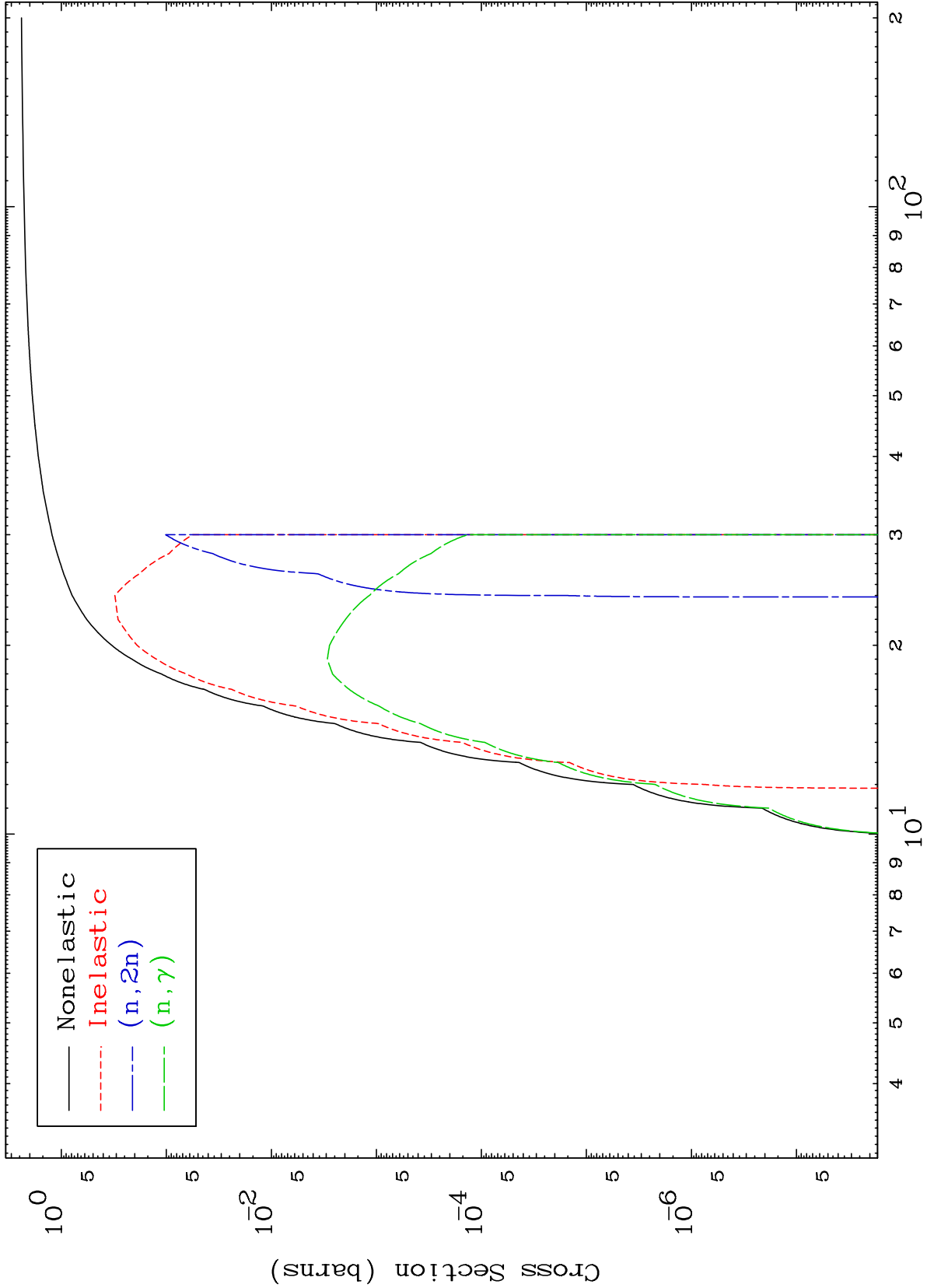
Press Mouse Button to Start

MAT 6487

$\alpha$  Major

65-Tb-146m

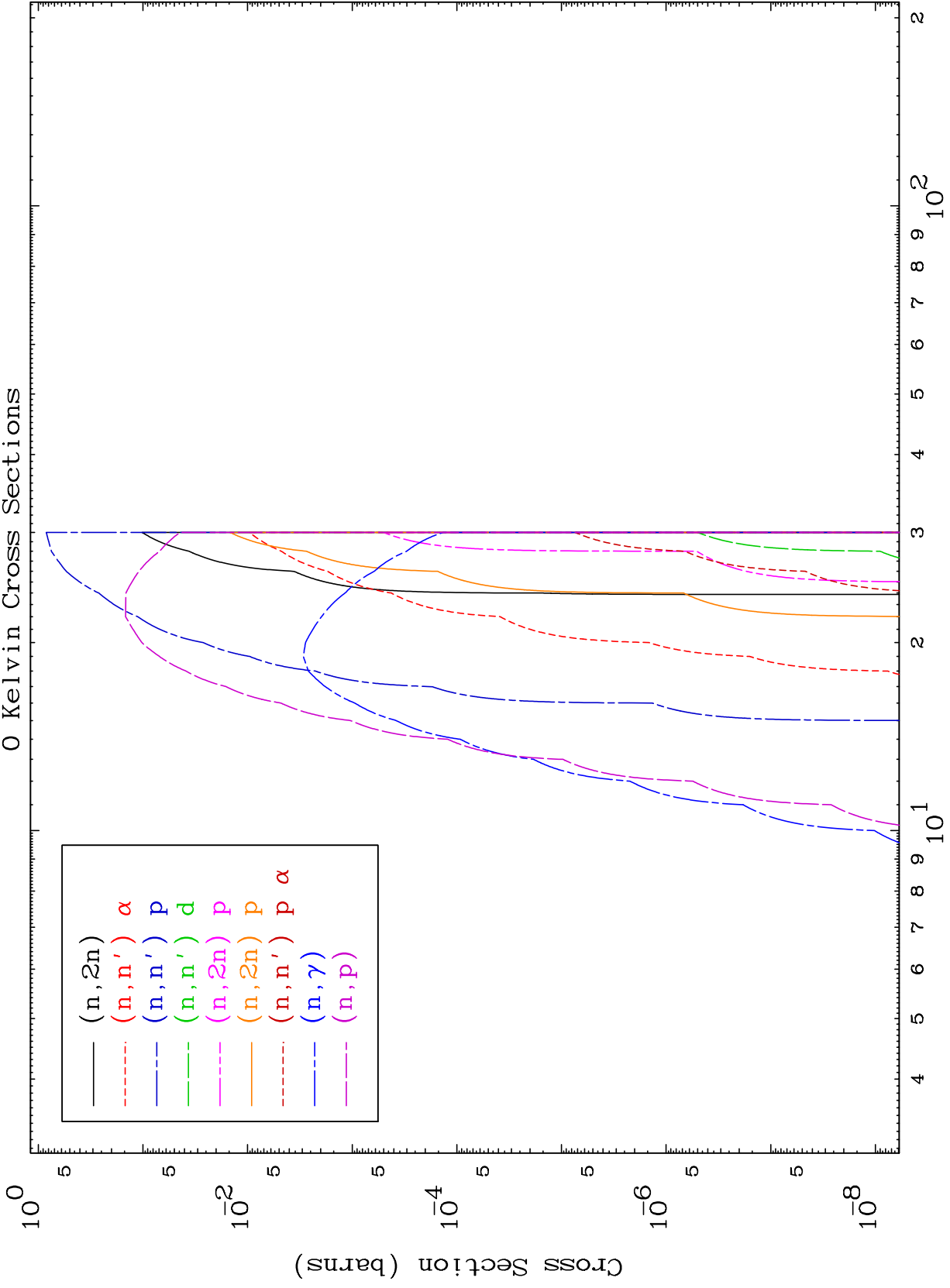
0 Kelvin Cross Sections



MAT 6487

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-146m



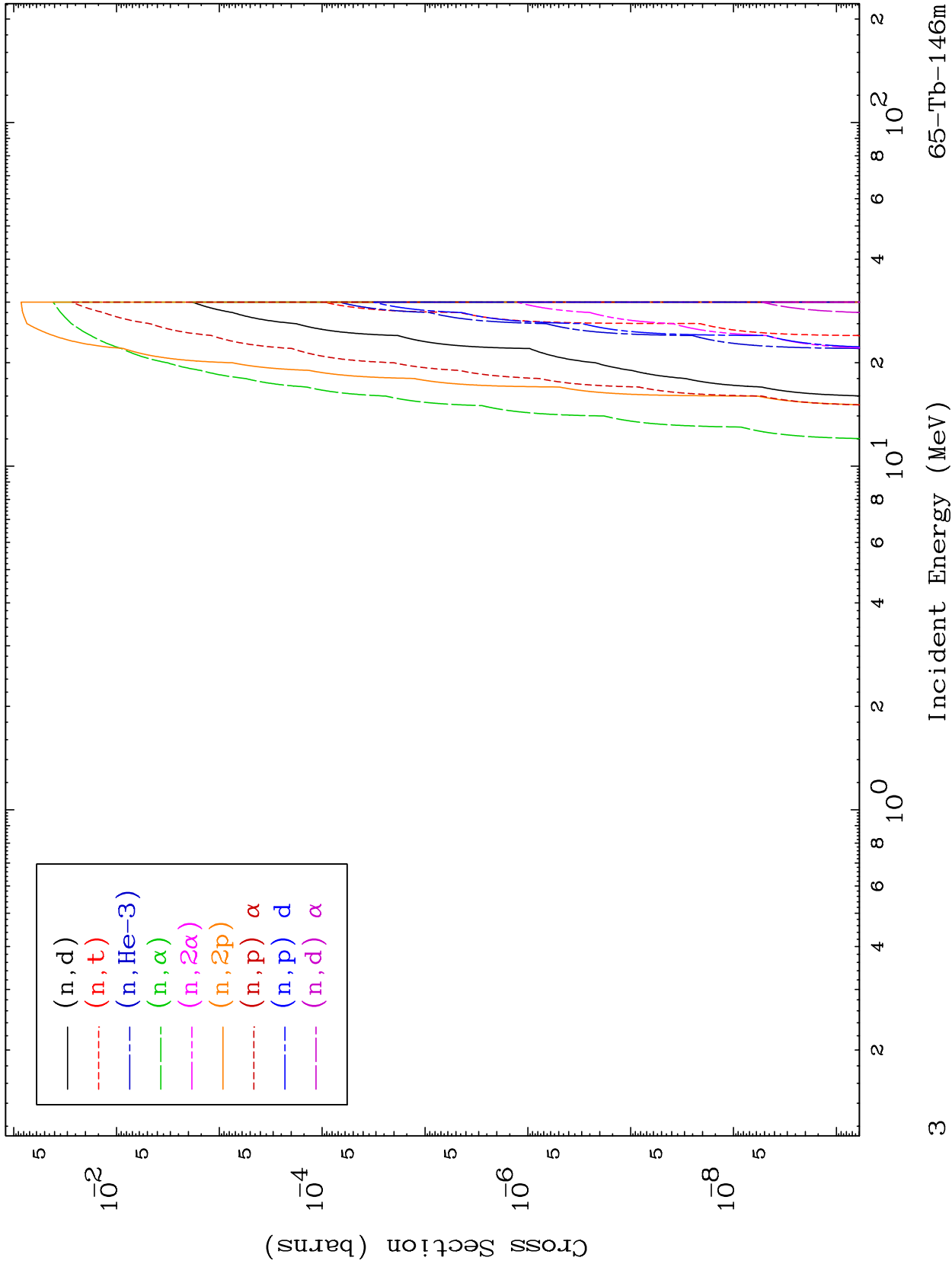
Incident Energy (MeV)

65-Tb-146m

MAT 6487

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

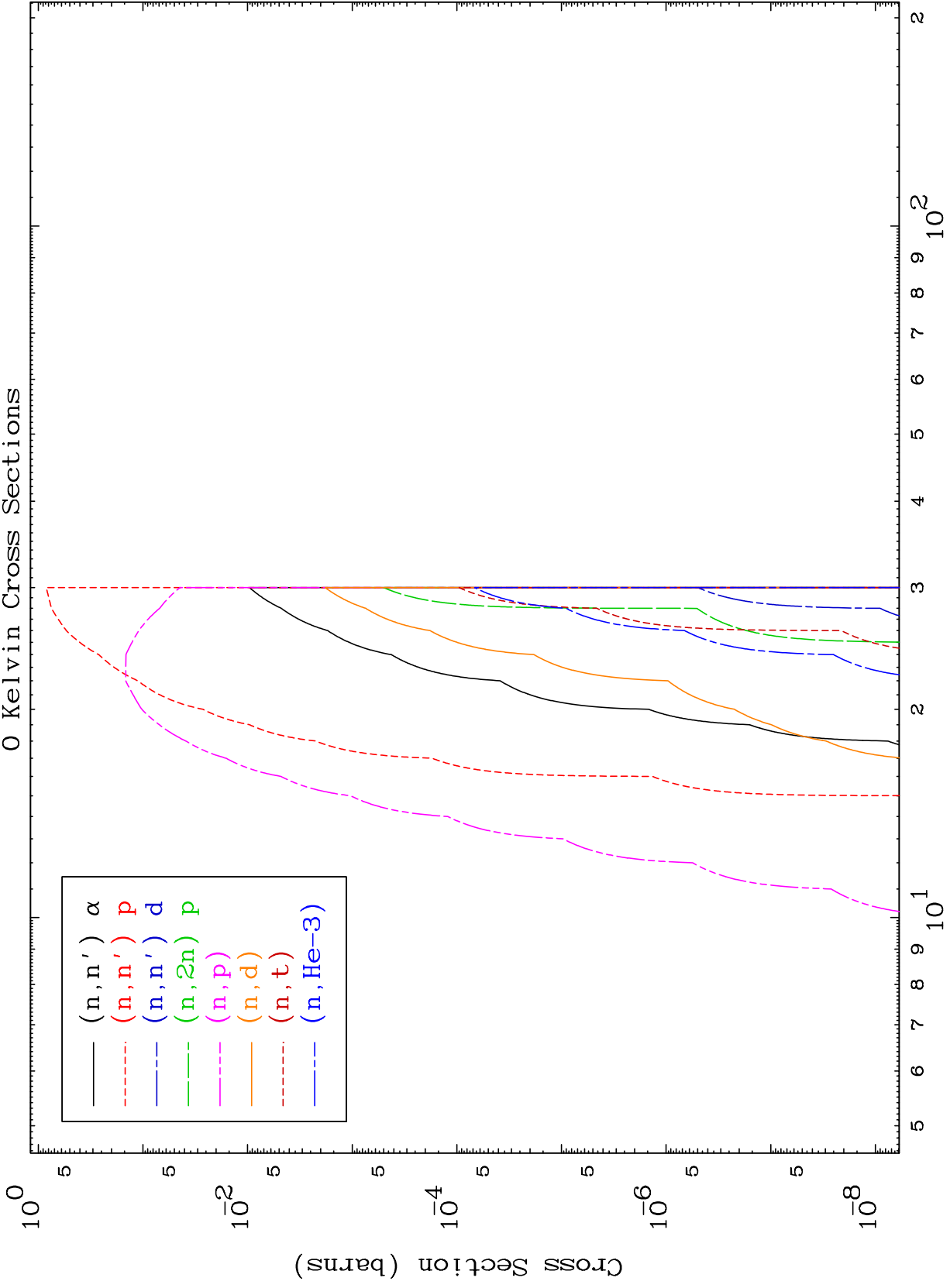
65-Tb-146m



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

65-Tb-146m

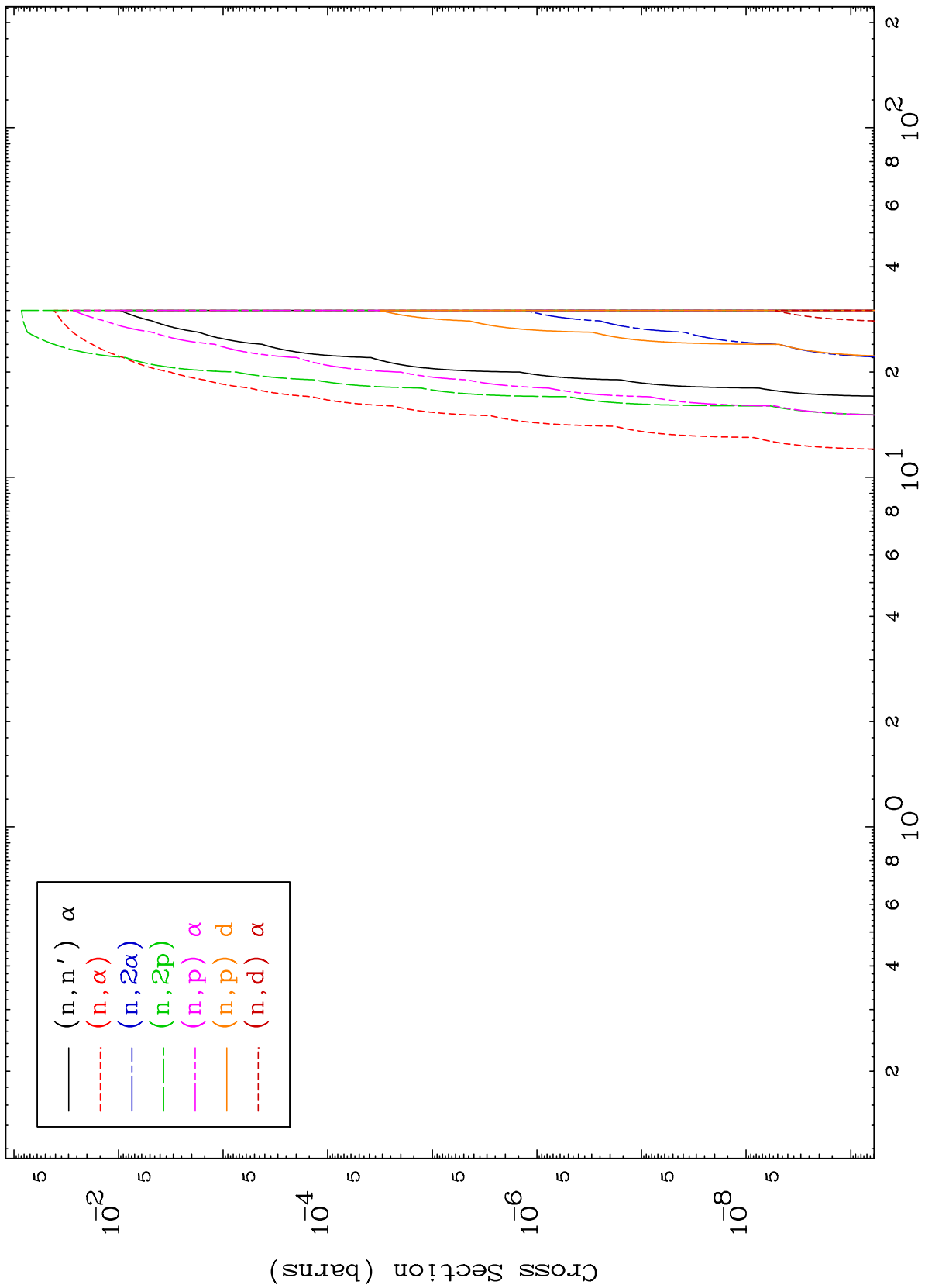


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$\alpha$  Charged Particle

65-Tb-146m

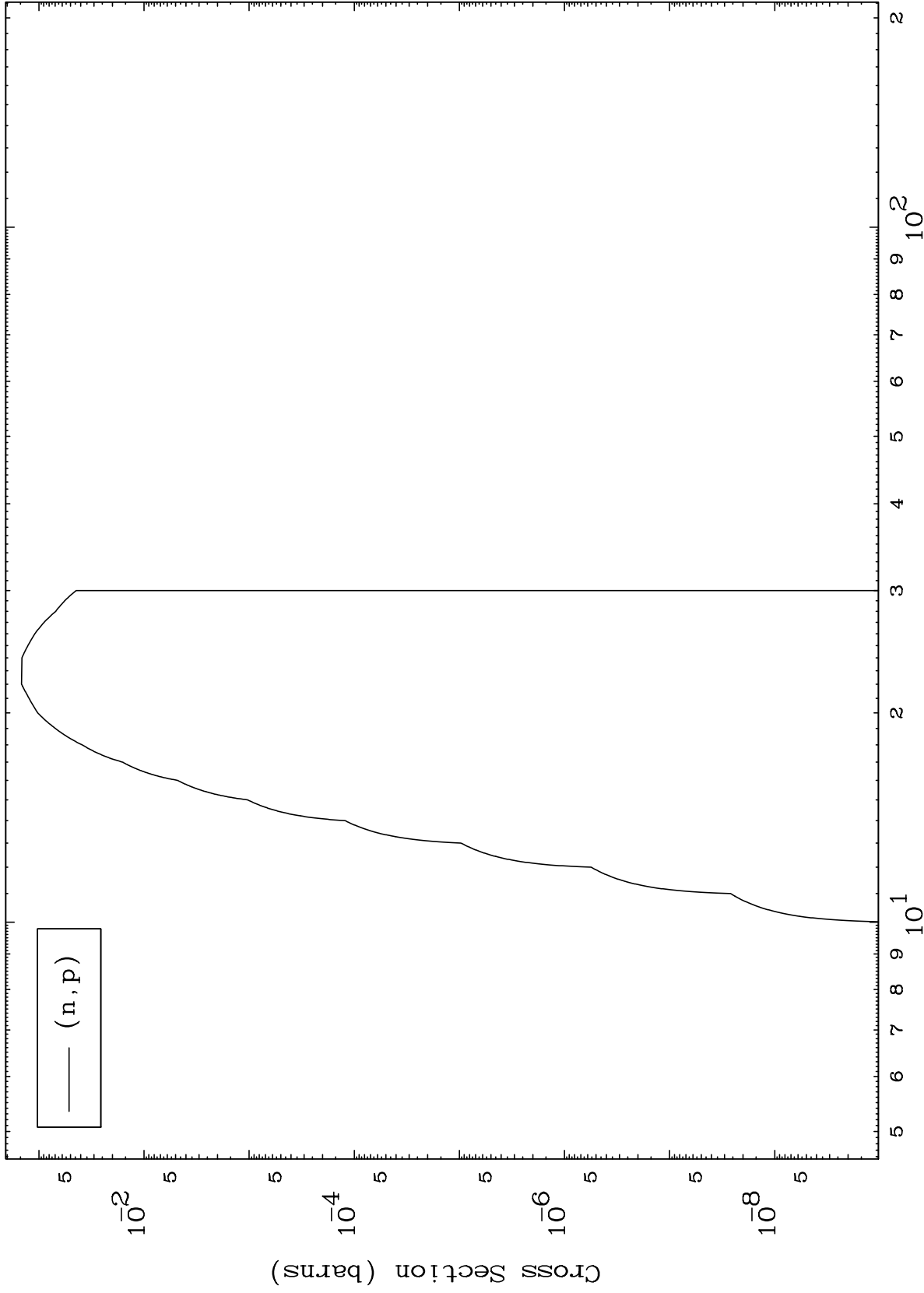
0 Kelvin Cross Sections



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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

65-Tb-146m



6

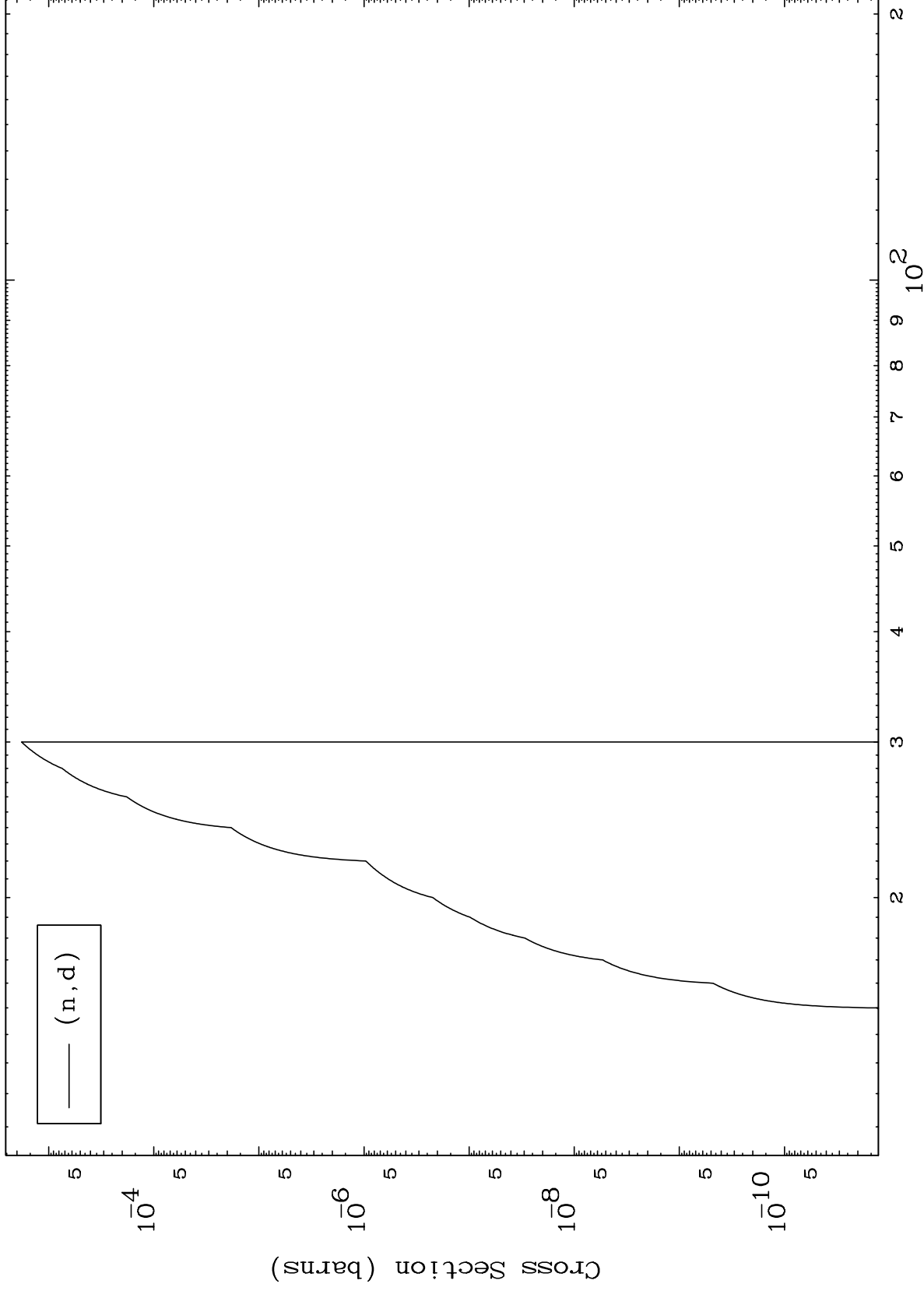
Incident Energy (MeV)

65-Tb-146m

MAT 6487

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

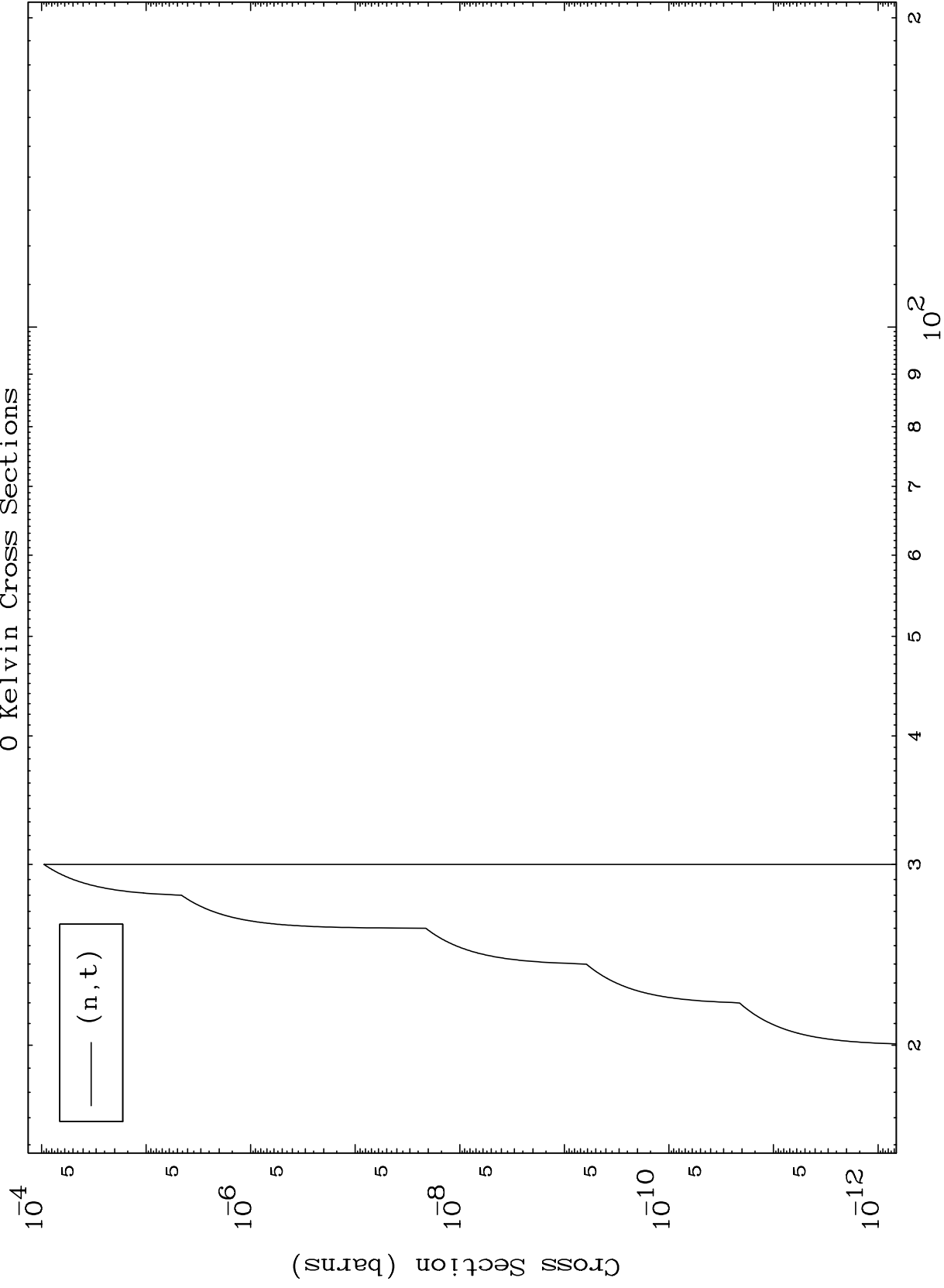
65-Tb-146m



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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

65-Tb-146m



8

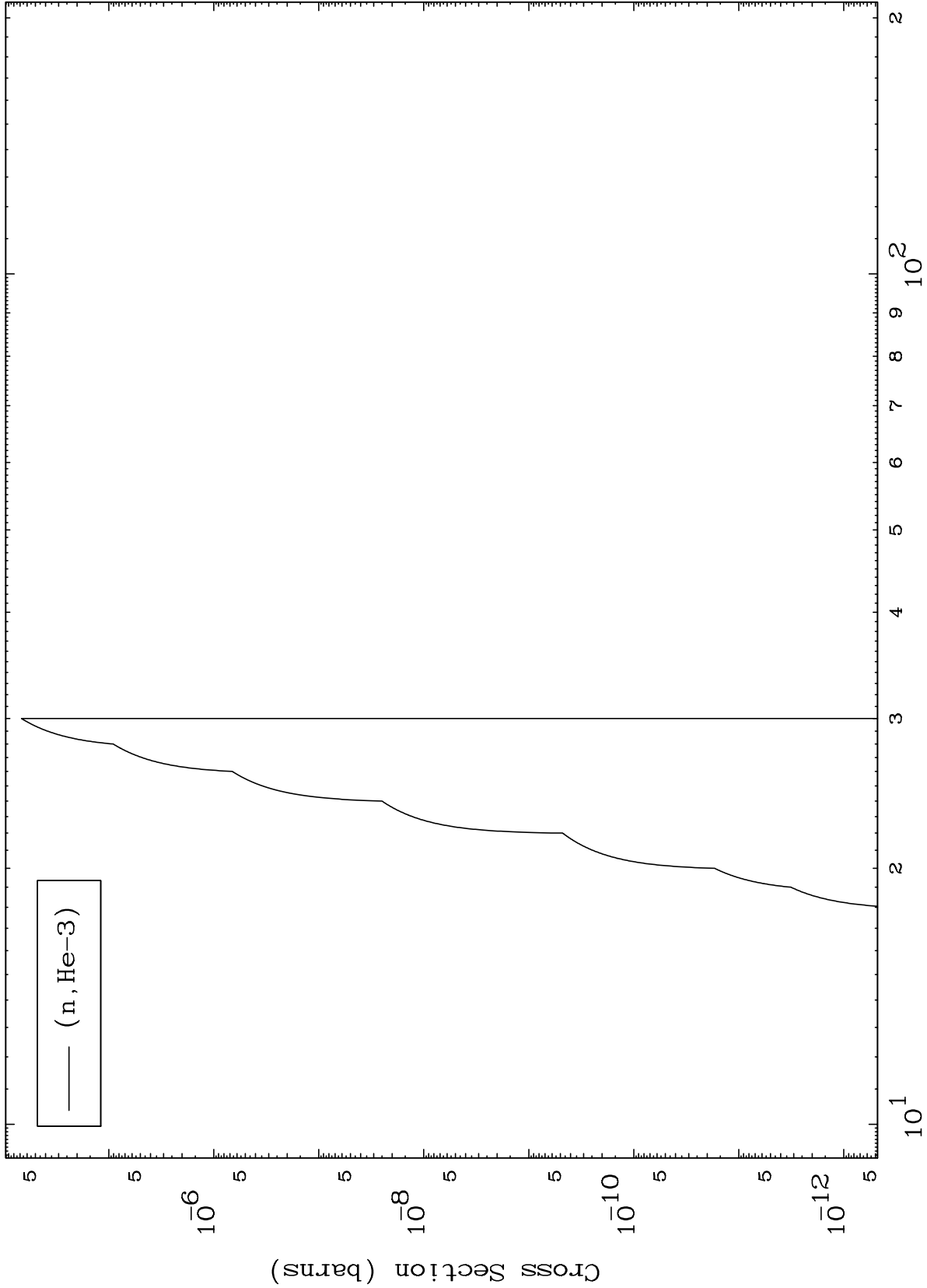
Incident Energy (MeV)

65-Tb-146m

MAT 6487

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

65-Tb-146m



Incident Energy (MeV)

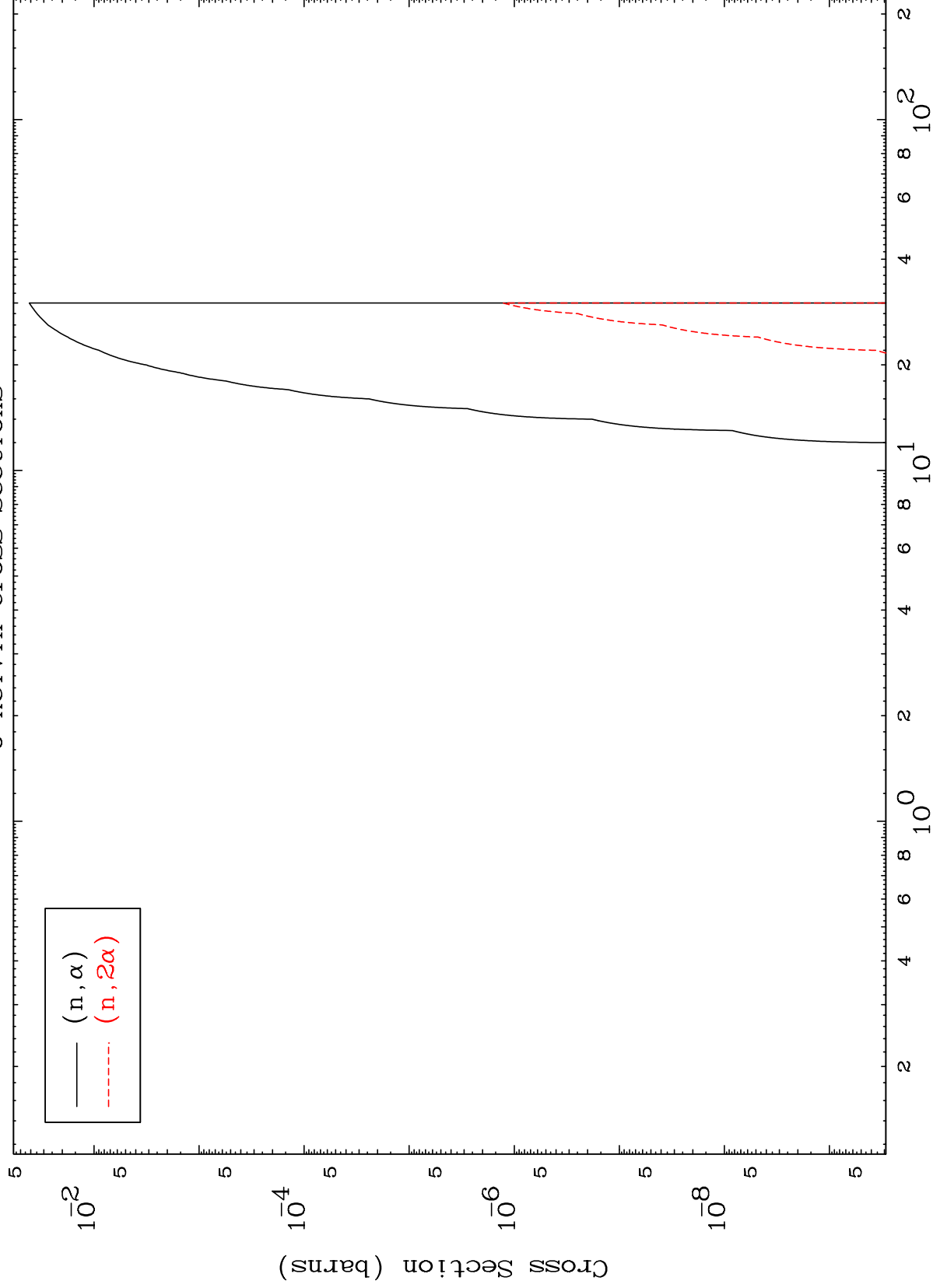
65-Tb-146m

MAT 6487

( $\alpha, \alpha$ ) Levels

65-Tb-146m

0 Kelvin Cross Sections



10

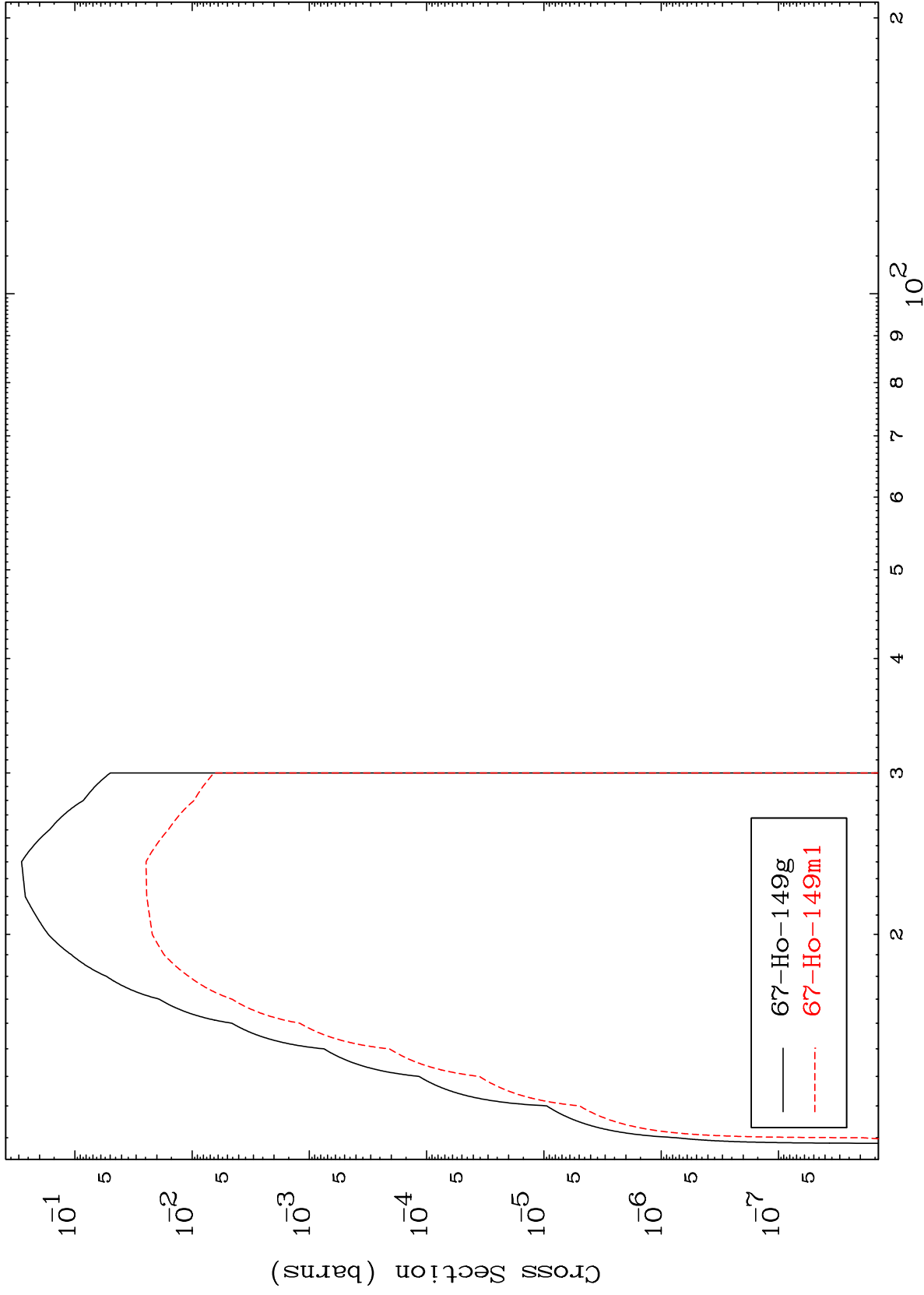
Incident Energy (MeV)

65-Tb-146m

MAT 6487

Inelastic  
Radionuclide Production Cross Section

65-Tb-146m

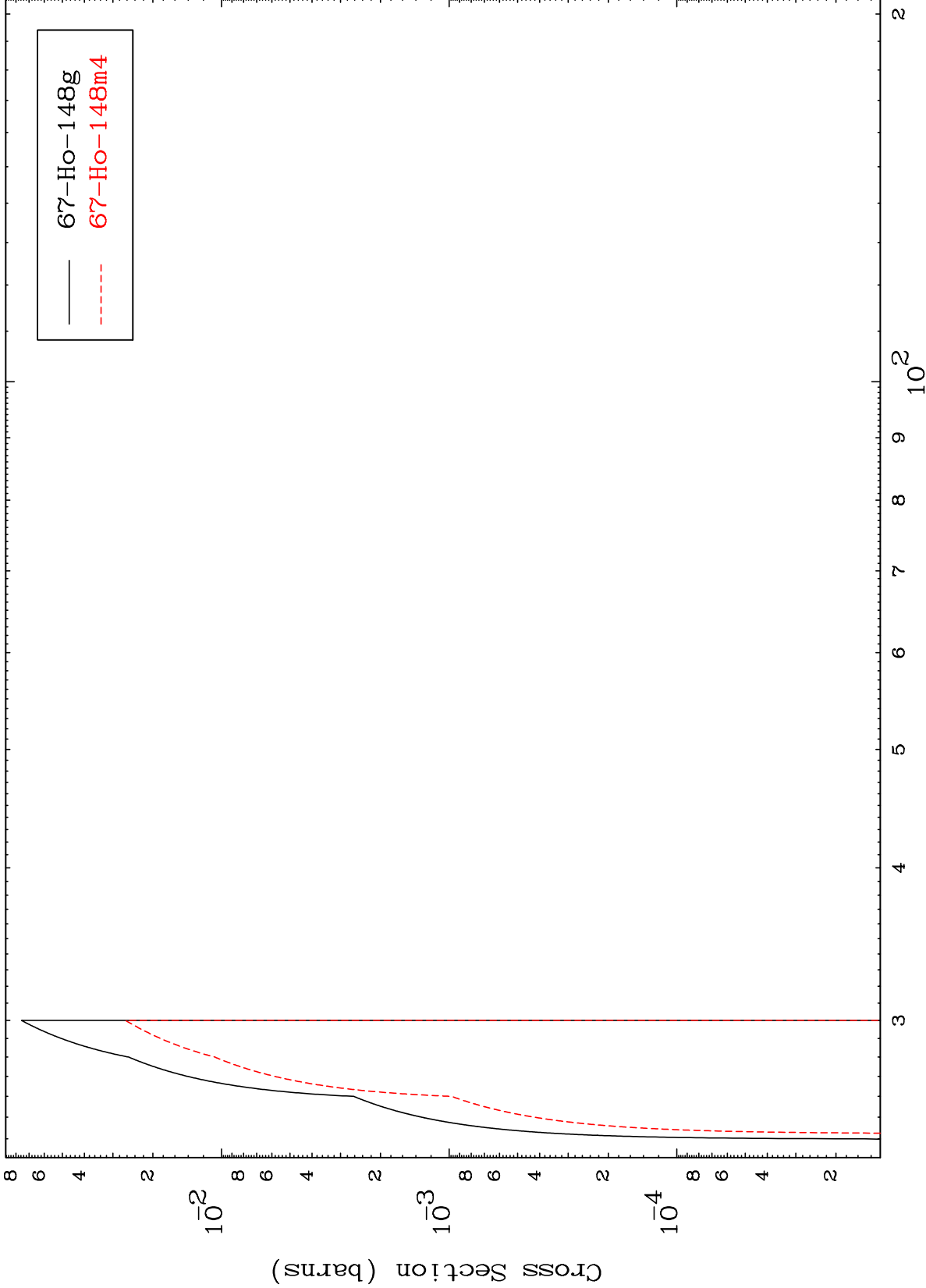


65-Tb-146m

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65-Tb-146m

(n,2n)  
Radionuclide Production Cross Section



12

65-Tb-146m

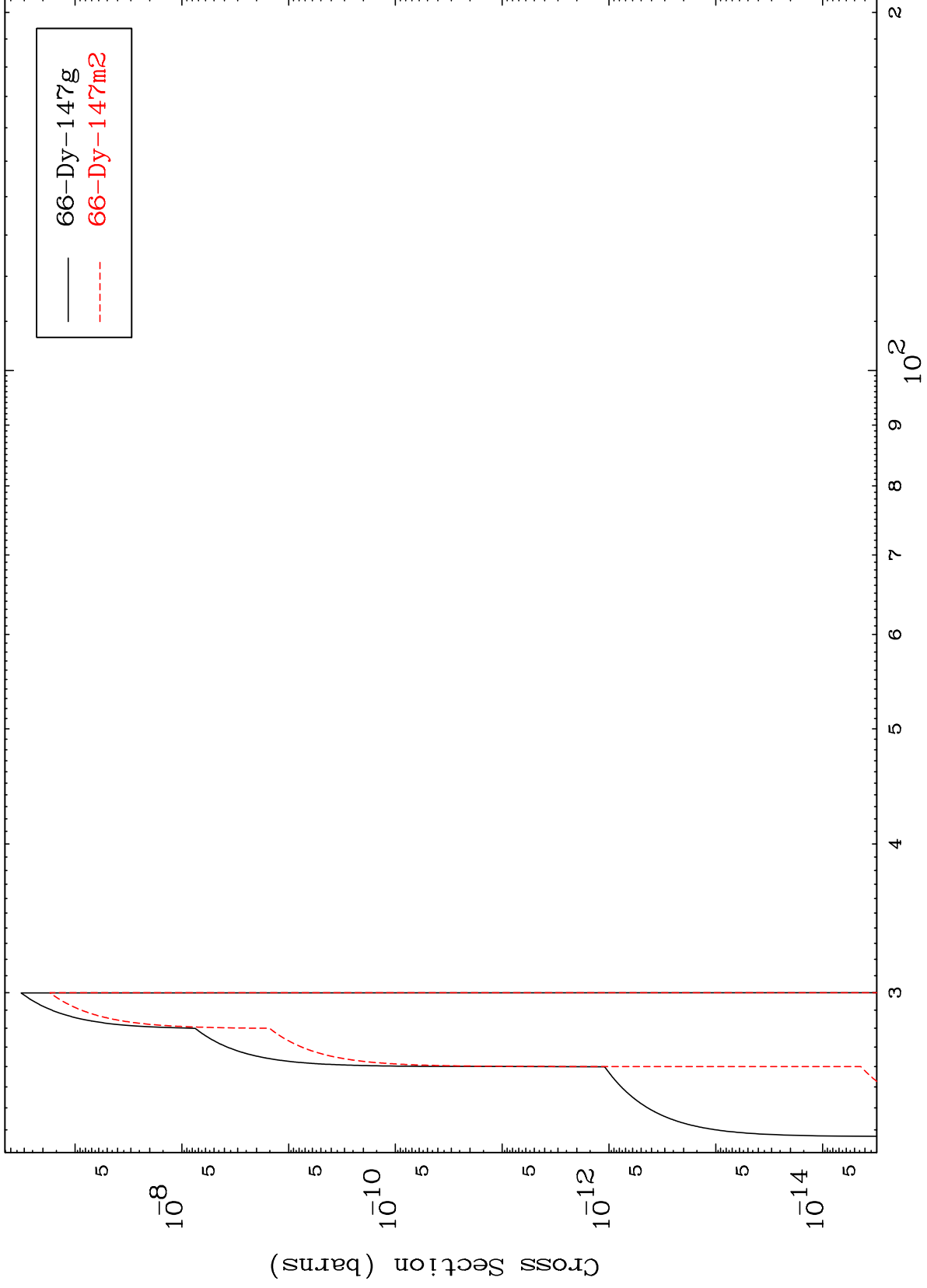
Incident Energy (MeV)

MAT 6487

(n,n') d

65-Tb-146m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

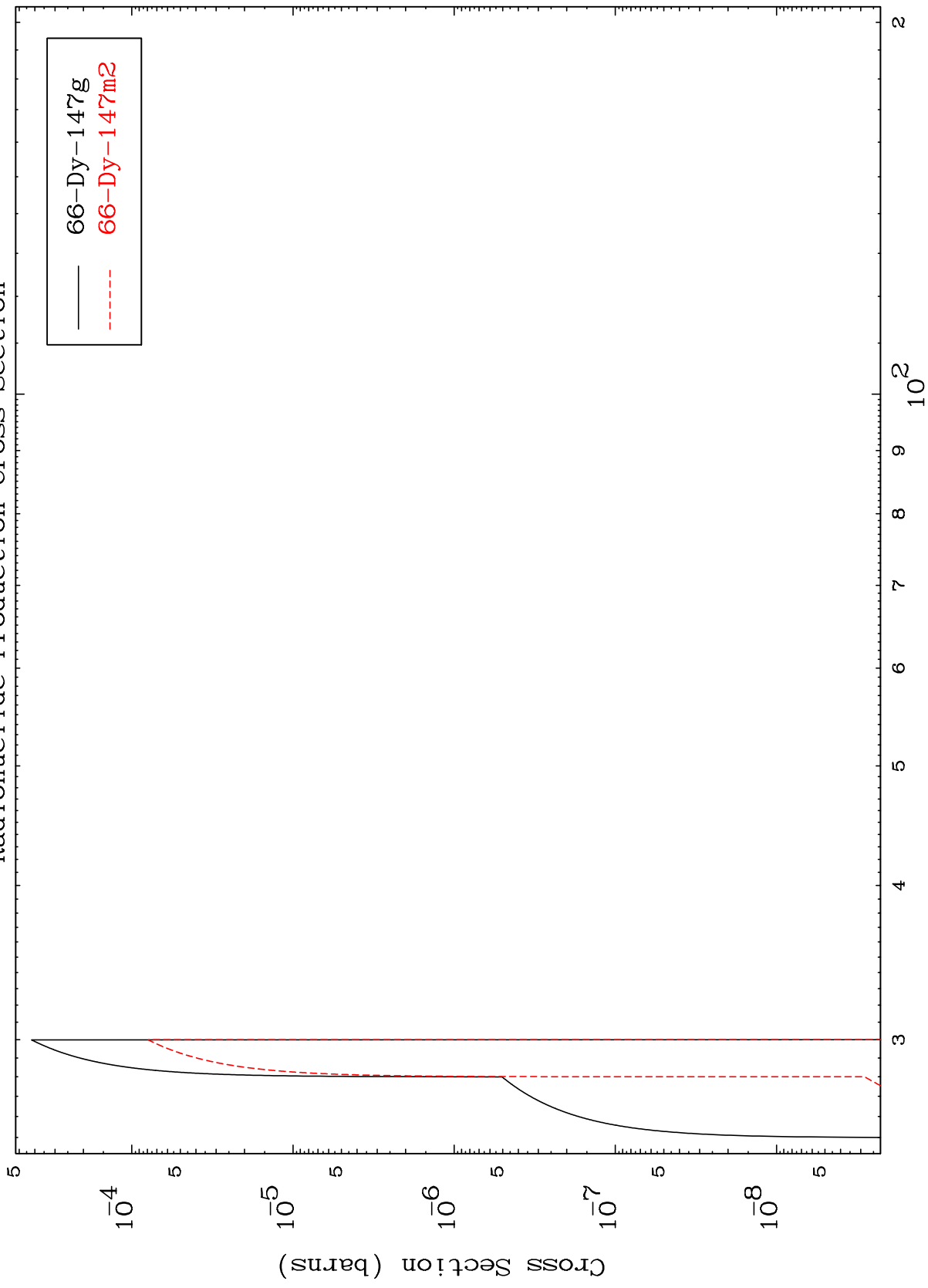
65-Tb-146m

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(n,2n) p

65-Tb-146m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

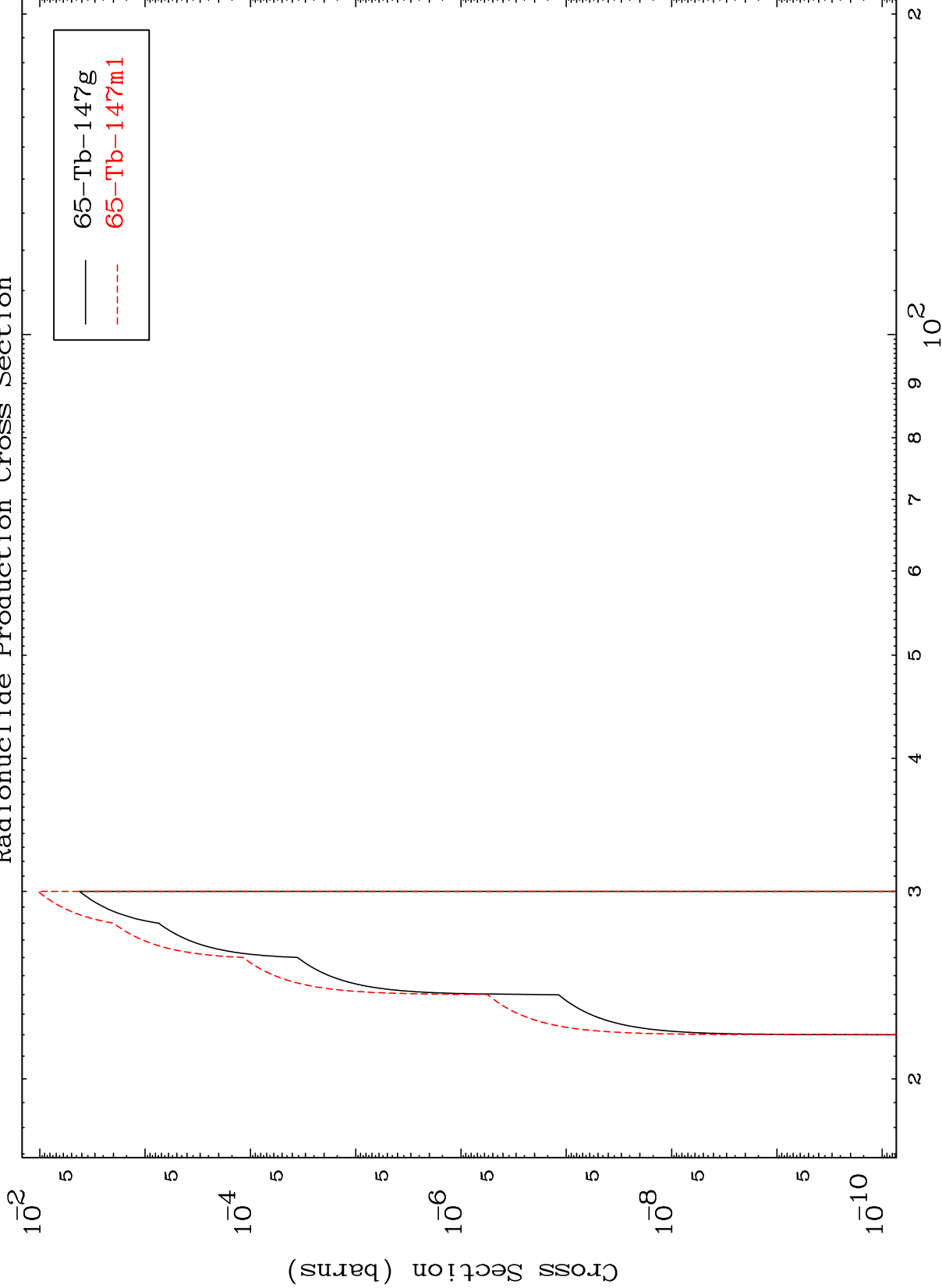
65-Tb-146m

MAT 6487

(n,2n) p

65-Tb-146m

Radionuclide Production Cross Section



15

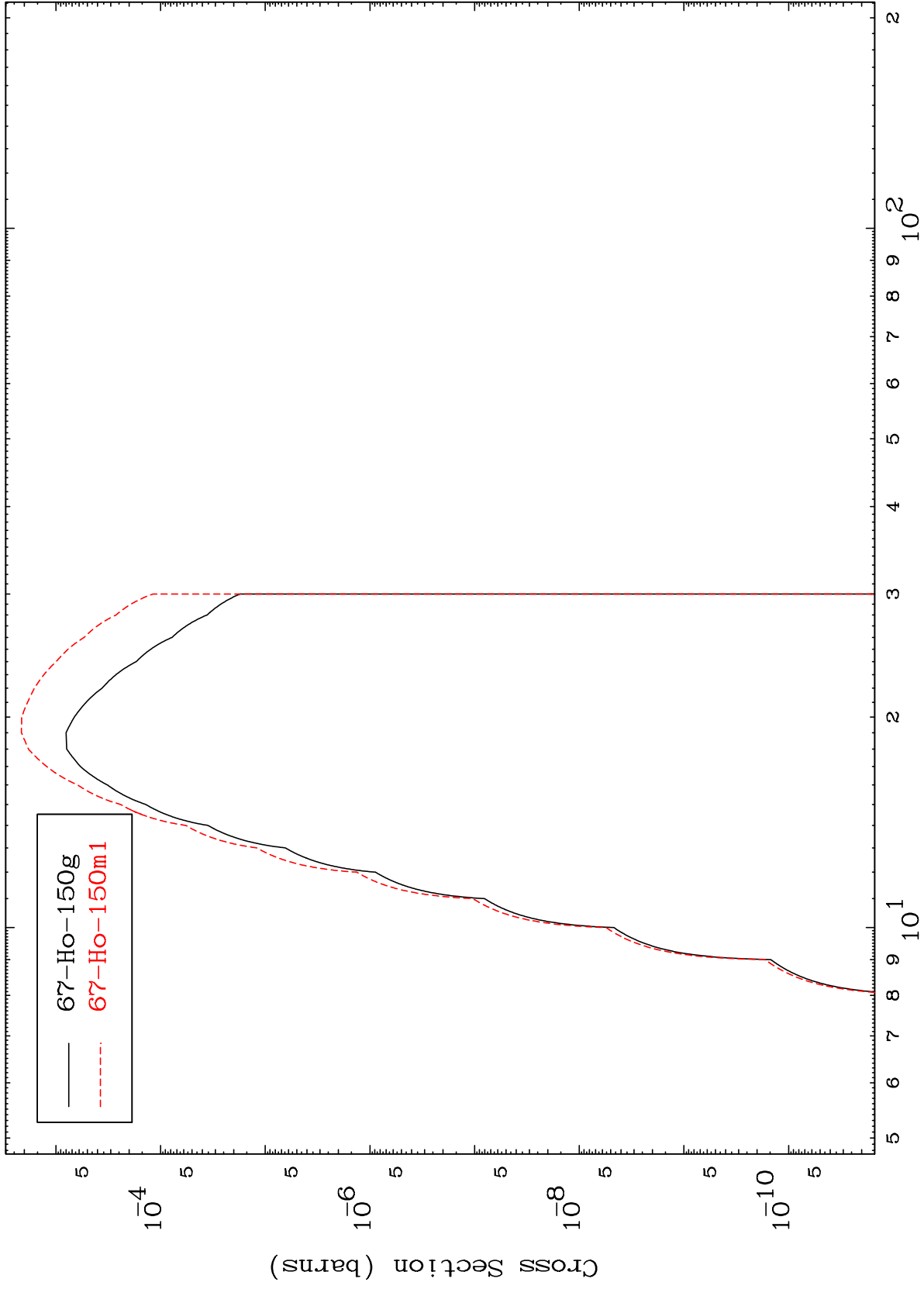
Incident Energy (MeV)

65-Tb-146m

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65-Tb-146m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



65-Tb-146m

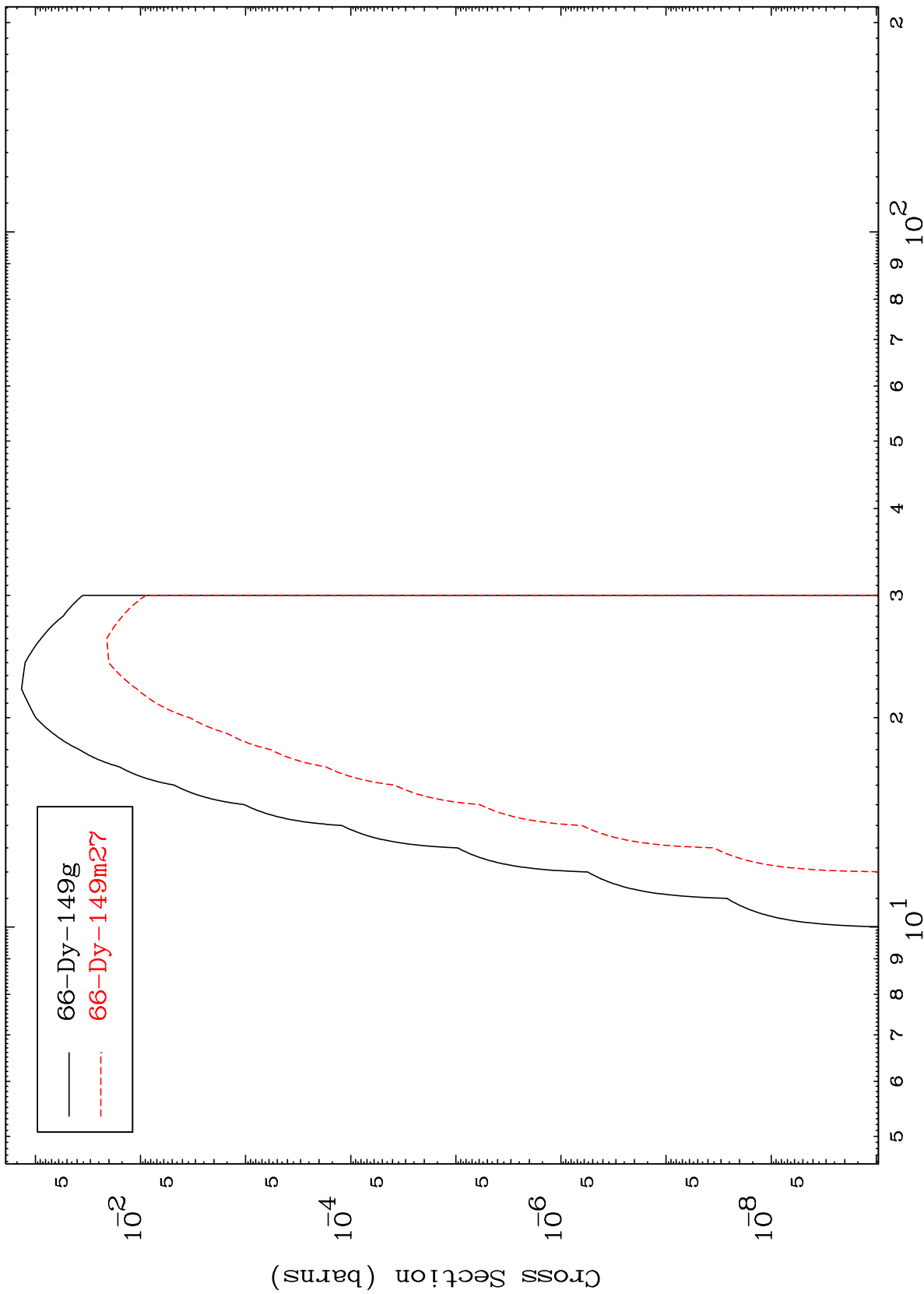
Incident Energy (MeV)

16

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65-Tb-146m

(n,p)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

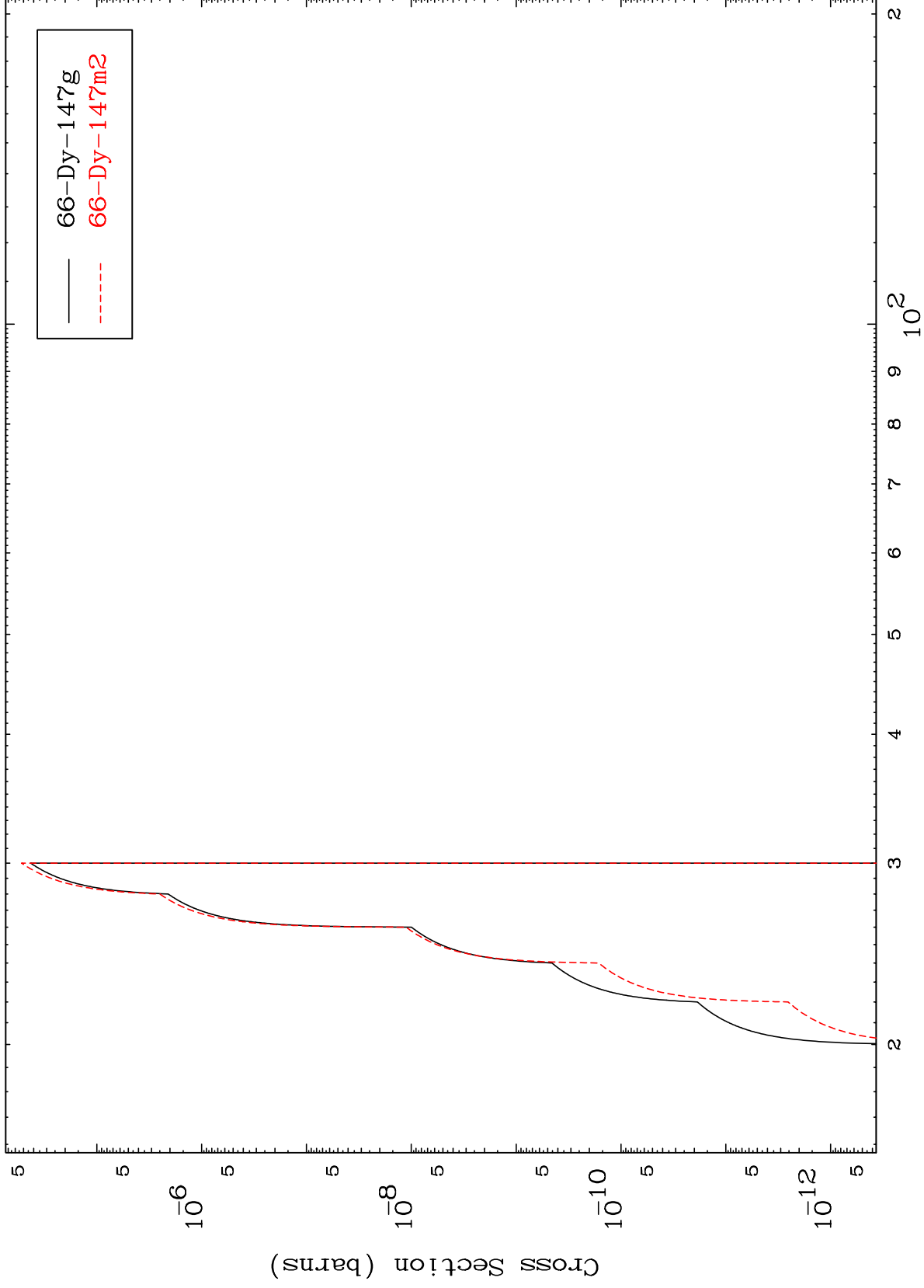
65-Tb-146m

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(n, t)

65-Tb-146m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

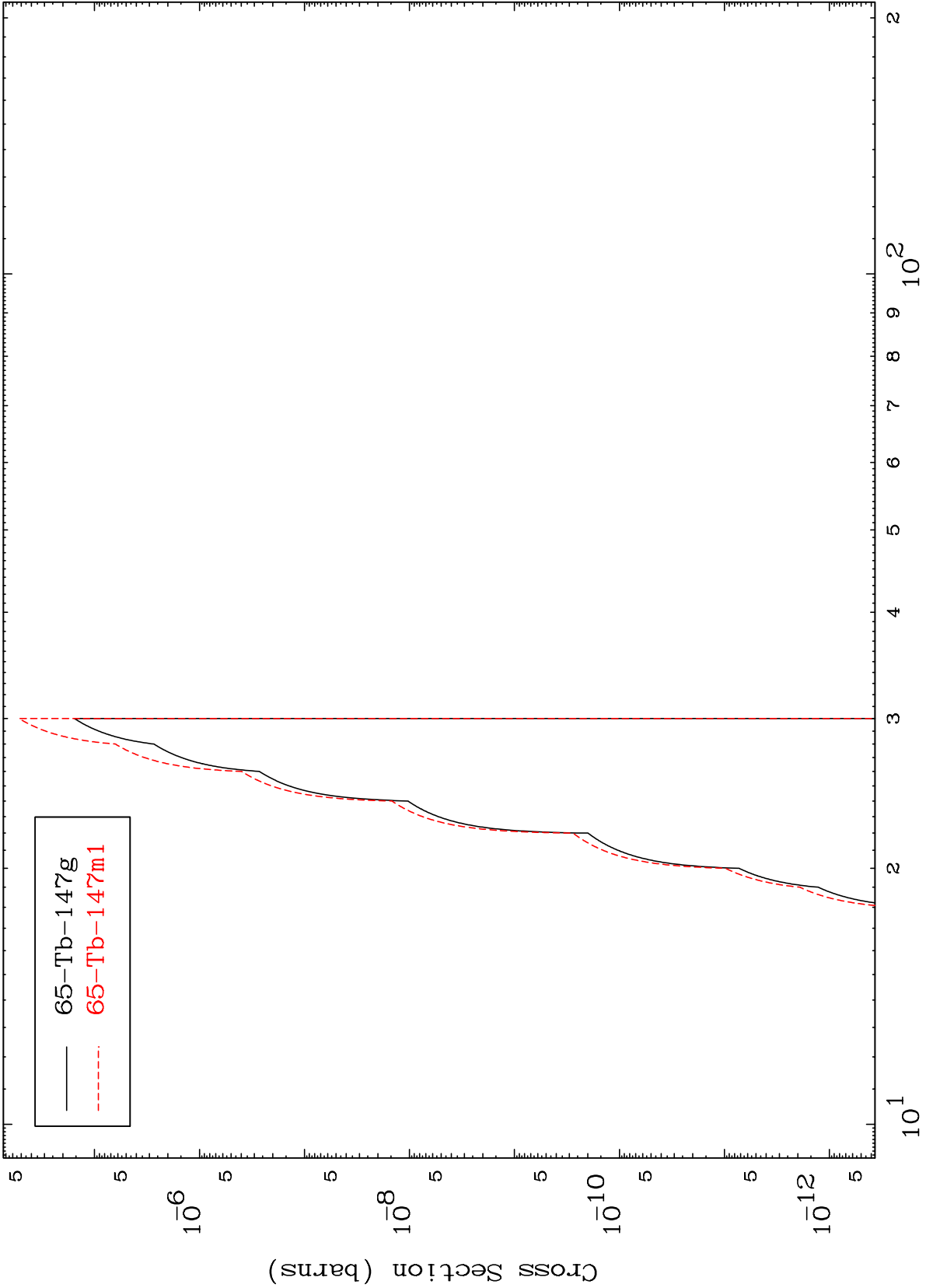
65-Tb-146m

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(n,He-3)

65-Tb-146m

Radionuclide Production Cross Section



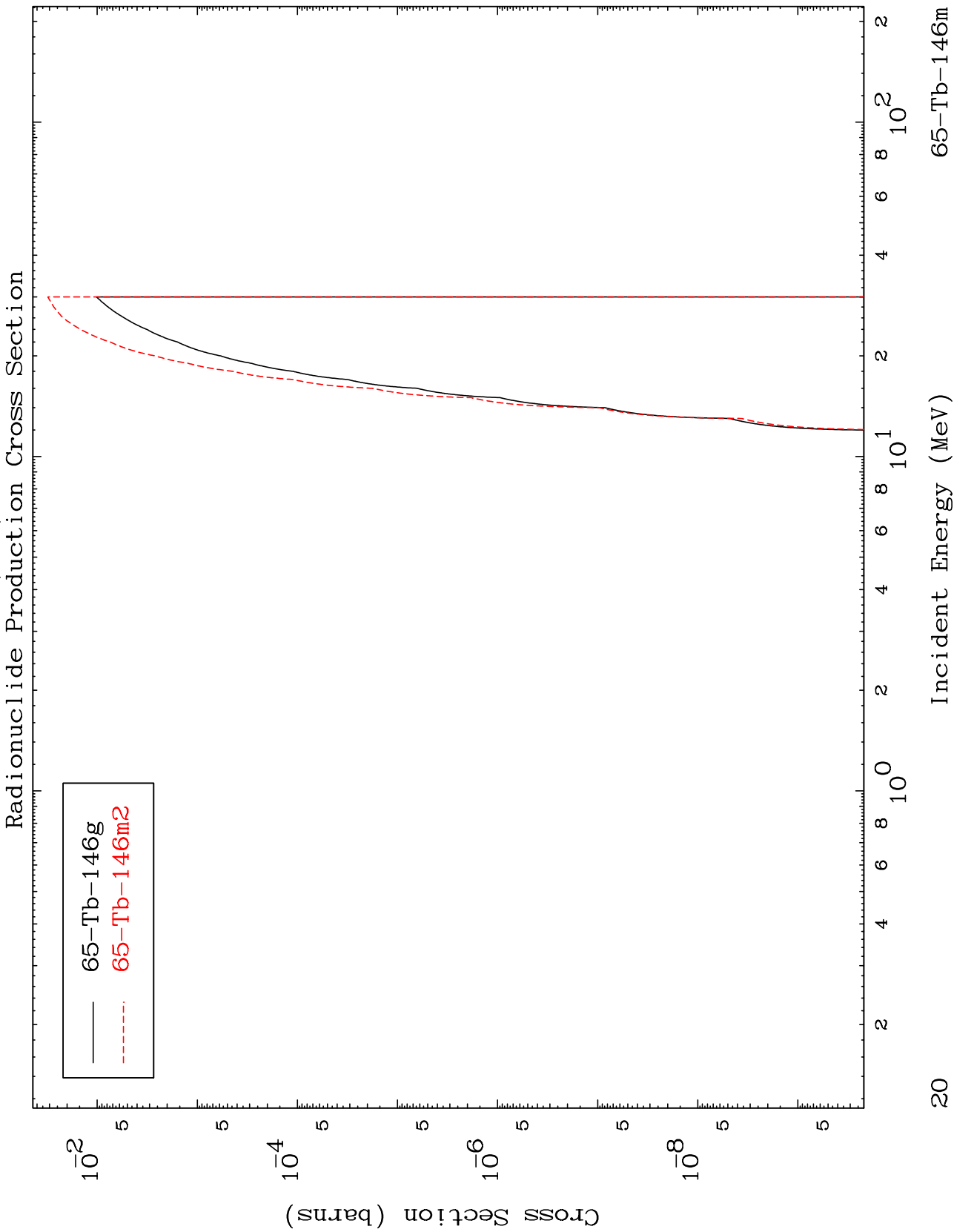
65-Tb-147g  
65-Tb-147m1

Incident Energy (MeV)

65-Tb-146m

MAT 6487

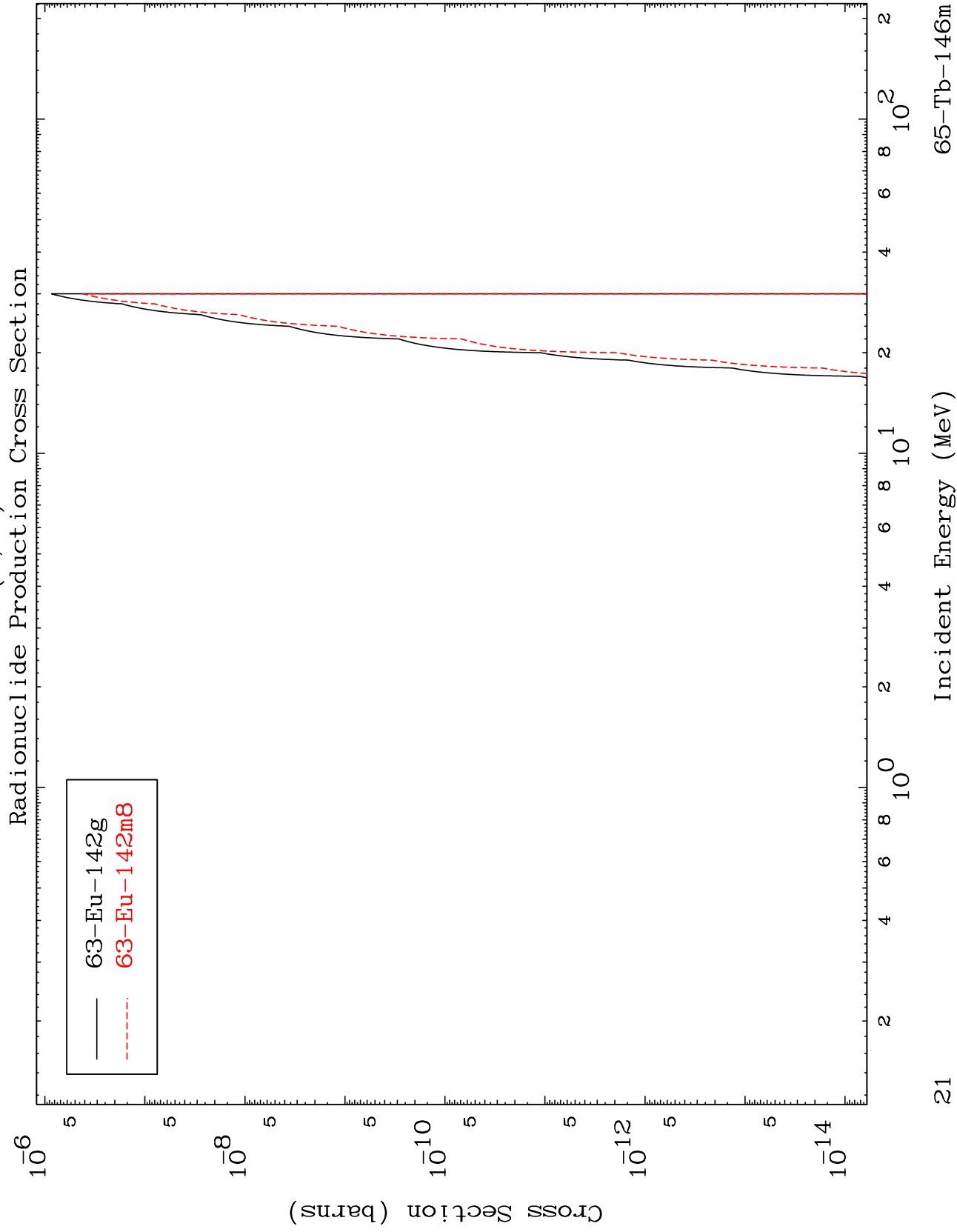
65-Tb-146m



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(n,2α)

65-Tb-146m

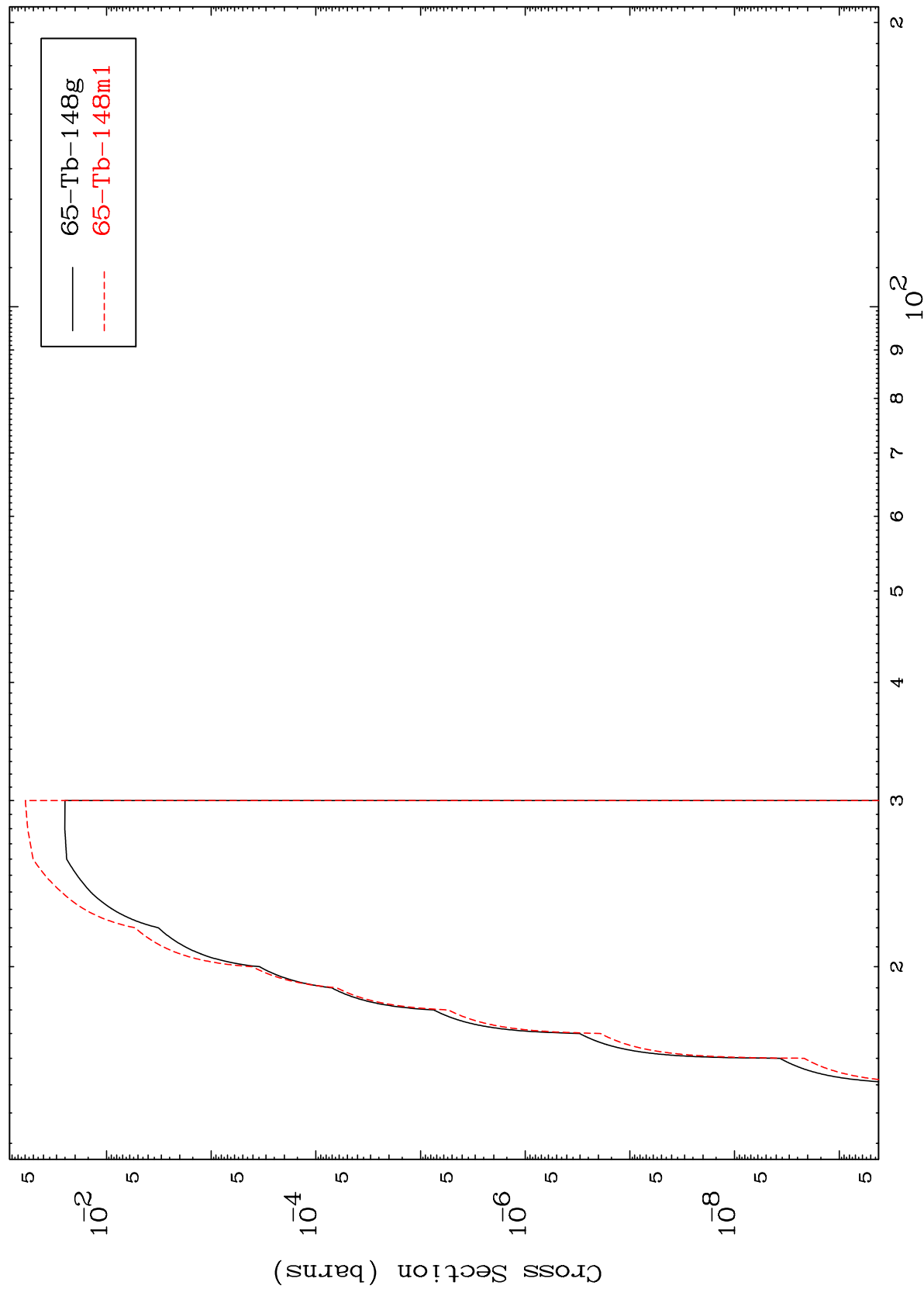


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65-Tb-146m

(n,2p)

Radionuclide Production Cross Section



65-Tb-146m

Incident Energy (MeV)

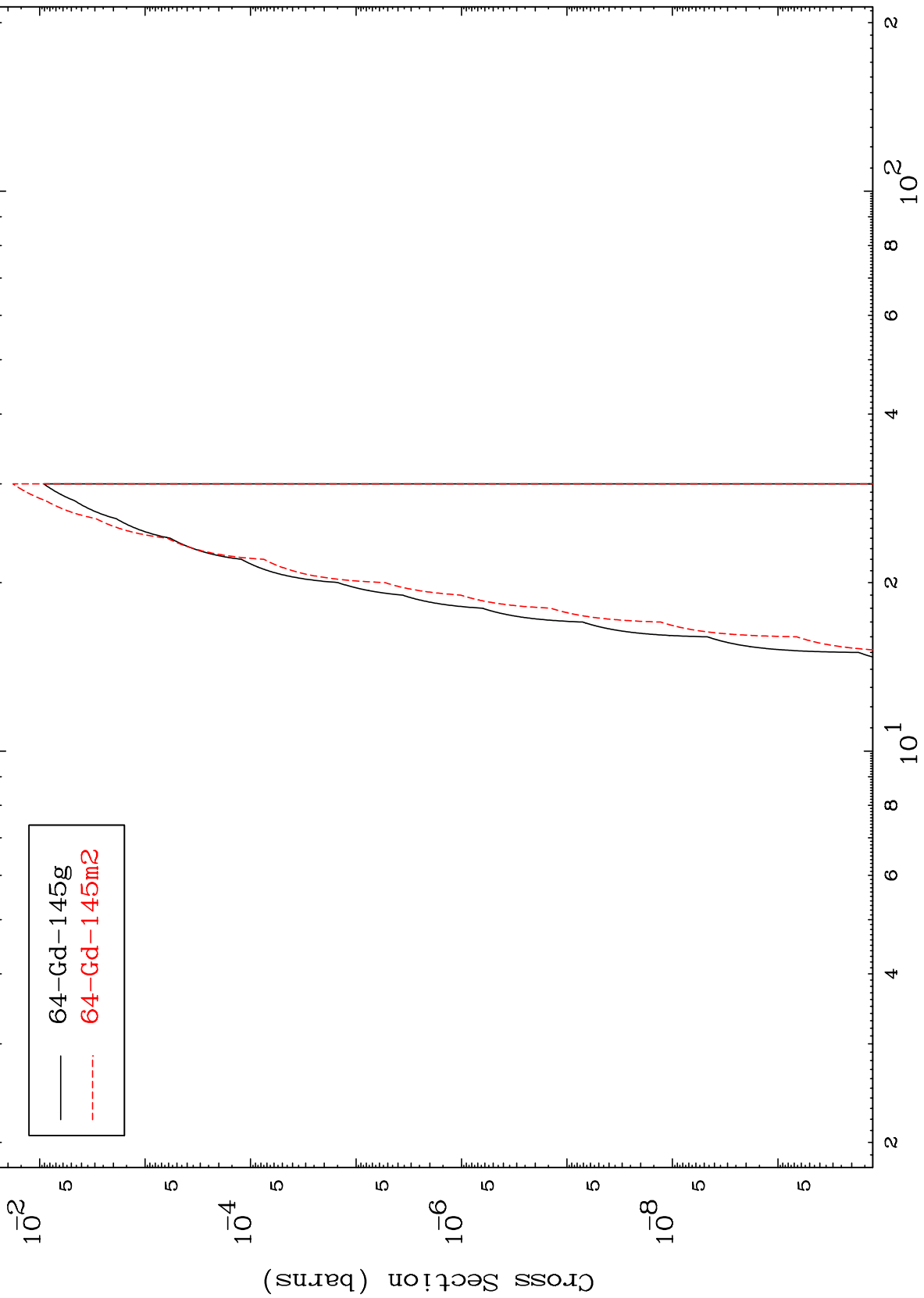
22

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(n,p)  $\alpha$

65-Tb-146m

Radionuclide Production Cross Section



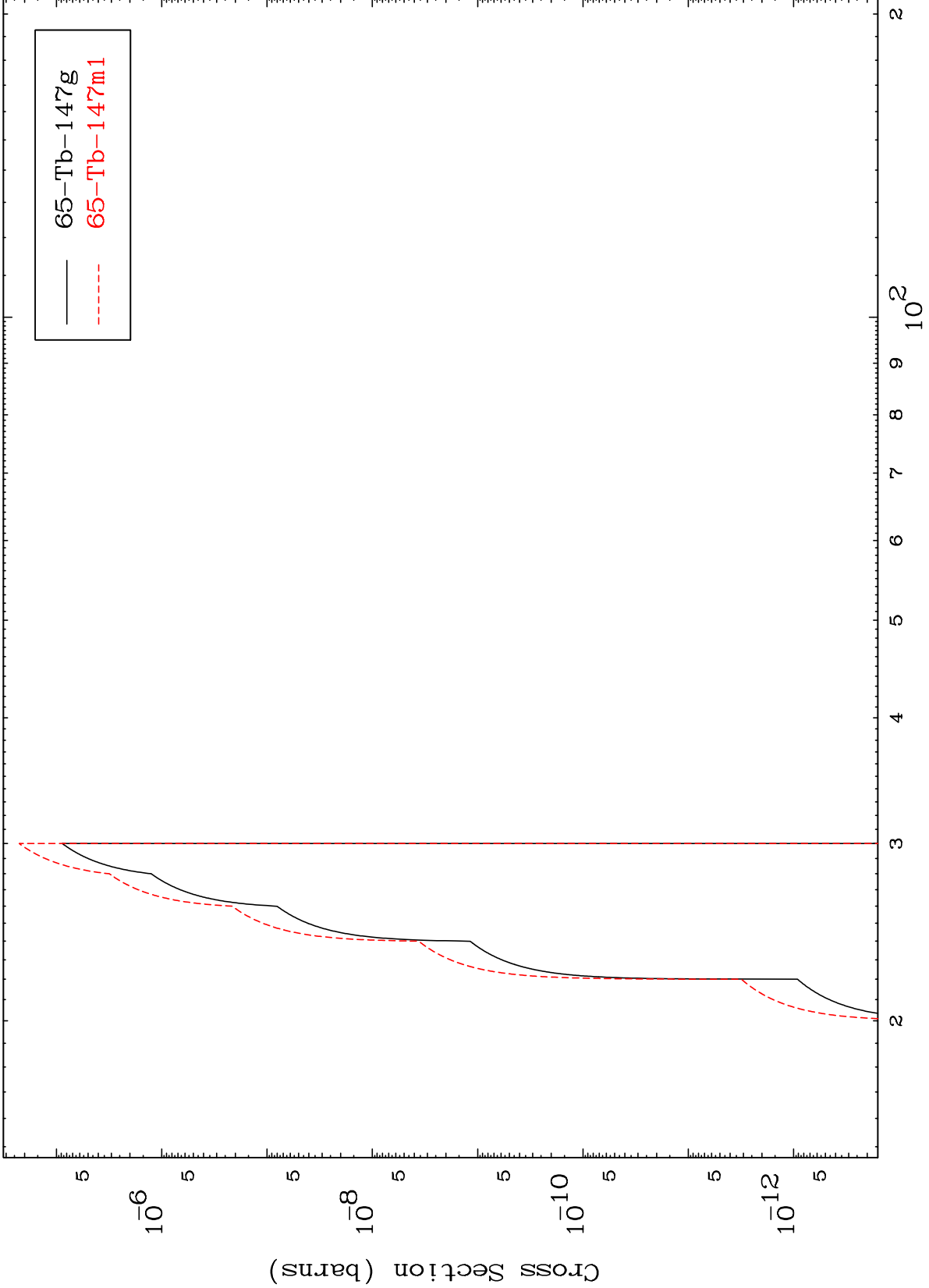
64-Gd-145g  
64-Gd-145m2

MAT 6487

(n,p) d

65-Tb-146m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

65-Tb-146m